











ΕΛΕΓΧΟΣ ΠΕΣΣΩΝ ΕΚΤΟΣ ΠΕΡΙ ΟΡΙΖΟΝΤΙΟΥ ΑΞΟΝΑ

Αποτελέσματα ανάλυσης										Γεωμετρικά στοιχεία			Μηχανικά χαρακτηριστικά		Τάση διαστολής	Ελεγχος σε θλίψη	Ανοχή σε κάμψη	Ελεγχος σε κάμψη
Διατομή	Συνδυασμός δράσεων	Nsd (G+0.3Q)	P (KN)	VZ (KN)	V3 (KN)	T (KNm)	M2 (KNm)	M3 (KNm)	H (m)	L (m)	t (m)	fd (KPa)	sd (KPa)	σd (KPa)	Mrd (KNm)	Ελεγχος σε κάμψη		
A_P_1_b	G+0.3Q+Ex+0.3Ey	-308.083	144.267	-111.982	49.506	-17.3471	65.0561	-79.9898	3	1.125	0.7	1870	391.2165	0.209207	85.2704915	0.762938021		
A_P_1_b	G+0.3Q+Ex+0.3Ey	-308.083	49.763	19.614	54.146	-13.4432	71.5386	96.4048	3	1.125	0.7	1870	391.2165	0.209207	85.2704915	0.838960803		
A_P_1_b	G+0.3Q+Ex-0.3Ey	-308.083	-760.434	98.401	-77.228	25.8296	-82.6259	44.0474	3	1.125	0.7	1870	391.2165	0.209207	85.2704915	0.968985854		
A_P_1_b	G+0.3Q+Ex+0.3Ey	-308.083	-627.655	-31.314	-80.154	21.4776	-84.1654	-129.1927	3	1.125	0.7	1870	391.2165	0.209207	85.2704915	0.987040165		
A_P_1_b	G+0.3Q+Ex+0.3Ey	-308.083	29.002	-235.081	0.711	-8.8358	5.0756	-299.3247	3	1.125	0.7	1870	391.2165	0.209207	85.2704915	0.059523522		
A_P_1_b	G+0.3Q+Ex-0.3Ey	-308.083	-202.574	-210.881	-38.187	2.8116	-40.8692	-314.0851	3	1.125	0.7	1870	391.2165	0.209207	85.2704915	0.479288899		
A_P_1_b	G+0.3Q+Ex+0.3Ey	-308.083	-645.169	221.5	-28.433	17.3183	-22.6454	263.3818	3	1.125	0.7	1870	391.2165	0.209207	85.2704915	0.265571355		
A_P_1_b	G+0.3Q+Ex+0.3Ey	-308.083	-413.592	197.3	10.465	5.6709	23.2993	278.1427	3	1.125	0.7	1870	391.2165	0.209207	85.2704915	0.273239893		
A_P_1_b	1.35G+1.5Q	-308.083	-412.301	-8.636	-18.987	5.861	-12.413	-24.1272	3	1.125	0.7	1870	391.2165	0.209207	85.2704915	0.145572047		
A_P_1_t	G+0.3Q+Ex+0.3Ey	-267.23	-220.776	-118.77	5.474	-0.7696	-6.6698	49.4438	3	1.125	0.7	1870	339.3397	0.181465	76.55798119	0.087120897		
A_P_1_t	G+0.3Q+Ex-0.3Ey	-267.23	-21.267	14.532	6.863	0.9167	-13.5856	-19.043	3	1.125	0.7	1870	339.3397	0.181465	76.55798119	0.177455045		
A_P_1_t	G+0.3Q+Ex-0.3Ey	-267.23	-313.685	79.932	-2.386	2.0464	13.9966	1.8248	3	1.125	0.7	1870	339.3397	0.181465	76.55798119	0.182823525		
A_P_1_t	G+0.3Q+Ex+0.3Ey	-267.23	-471.511	-49.662	-4.082	0.2705	20.3801	66.1565	3	1.125	0.7	1870	339.3397	0.181465	76.55798119	0.266204773		
A_P_1_t	G+0.3Q+Ex+0.3Ey	-267.23	-492.663	-245.776	0.151	-2.4776	10.245	130.3468	3	1.125	0.7	1870	339.3397	0.181465	76.55798119	0.133820143		
A_P_1_t	G+0.3Q+Ex+0.3Ey	-267.23	-567.883	-225.043	-2.716	-2.1656	18.36	135.3606	3	1.125	0.7	1870	339.3397	0.181465	76.55798119	0.239818236		
A_P_1_t	G+0.3Q+Ex-0.3Ey	-267.23	-41.798	206.938	2.937	3.7544	-2.9182	-79.0782	3	1.125	0.7	1870	339.3397	0.181465	76.55798119	0.038117515		
A_P_1_t	G+0.3Q+Ex-0.3Ey	-267.23	33.423	186.206	5.804	3.4424	-11.0332	-84.092	3	1.125	0.7	1870	339.3397	0.181465	76.55798119	0.144115608		
A_P_1_t	1.35G+1.5Q	-267.23	-346.917	-25.37	1.772	0.8211	5.1909	34.5244	3	1.125	0.7	1870	339.3397	0.181465	76.55798119	0.067803512		
A_P_10_b	G+0.3Q+Ex+0.3Ey	-152.169	-157.596	-17.953	40.607	-9.8959	52.9365	-18.8422	3.15	1.15	0.7	1120	189.0298	0.168777	44.27025071	1.195757854		
A_P_10_b	G+0.3Q+Ex-0.3Ey	-152.169	-58.885	-11.495	41.053	-8.3812	54.6598	6.8071	3.15	1.15	0.7	1120	189.0298	0.168777	44.27025071	1.234684672		
A_P_10_b	G+0.3Q+Ex-0.3Ey	-152.169	-146.741	5.428	-40.631	9.0457	-53.255	-5.017	3.15	1.15	0.7	1120	189.0298	0.168777	44.27025071	1.202952302		
A_P_10_b	G+0.3Q+Ex+0.3Ey	-152.169	-188.564	-0.082	-41.046	8.4096	-54.7267	-26.9464	3.15	1.15	0.7	1120	189.0298	0.168777	44.27025071	1.236195845		
A_P_10_b	G+0.3Q+Ex+0.3Ey	-152.169	-217.228	-18.127	11.545	-3.6419	13.5375	-47.2631	3.15	1.15	0.7	1120	189.0298	0.168777	44.27025071	0.30579226		
A_P_10_b	G+0.3Q+Ex-0.3Ey	-152.169	-226.519	-12.765	-12.951	1.5778	-18.7615	-49.6943	3.15	1.15	0.7	1120	189.0298	0.168777	44.27025071	0.423794754		
A_P_10_b	G+0.3Q+Ex-0.3Ey	-152.169	-87.109	5.601	-11.569	3.6981	-13.856	23.4039	3.15	1.15	0.7	1120	189.0298	0.168777	44.27025071	0.312986707		
A_P_10_b	G+0.3Q+Ex+0.3Ey	-152.169	-77.819	0.24	12.927	-1.5216	18.4429	25.8352	3.15	1.15	0.7	1120	189.0298	0.168777	44.27025071	0.416598047		
A_P_10_b	1.35G+1.5Q	-152.169	-142.795	-8.374	0.027	-0.0054	0.1562	-12.4497	3.15	1.15	0.7	1120	189.0298	0.168777	44.27025071	0.003528329		
A_P_10_t	G+0.3Q+Ex+0.3Ey	-125.739	-114.356	2.894	13.841	-10.3237	-17.7532	4.0081	3.15	1.15	0.7	1120	156.1975	0.139462	37.87111269	0.468779466		
A_P_10_t	G+0.3Q+Ex-0.3Ey	-125.739	-50.305	36.784	14.292	-9.8998	-17.399	-46.3881	3.15	1.15	0.7	1120	156.1975	0.139462	37.87111269	0.459426691		
A_P_10_t	G+0.3Q+Ex-0.3Ey	-125.739	-137.122	16.087	-13.86	10.454	16.9993	-22.7558	3.15	1.15	0.7	1120	156.1975	0.139462	37.87111269	0.448872473		
A_P_10_t	G+0.3Q+Ex+0.3Ey	-125.739	-124.516	-25.417	-14.286	9.9543	16.996	35.7348	3.15	1.15	0.7	1120	156.1975	0.139462	37.87111269	0.448785335		
A_P_10_t	G+0.3Q+Ex+0.3Ey	-125.739	-103.205	-55.436	3.499	-3.8095	-5.5949	83.3514	3.15	1.15	0.7	1120	156.1975	0.139462	37.87111269	0.147735295		
A_P_10_t	G+0.3Q+Ex-0.3Ey	-125.739	-106.253	-63.929	-4.939	2.2739	4.8298	92.8694	3.15	1.15	0.7	1120	156.1975	0.139462	37.87111269	0.127532561		
A_P_10_t	G+0.3Q+Ex-0.3Ey	-125.739	-148.273	74.418	-3.518	3.9399	4.841	-102.0992	3.15	1.15	0.7	1120	156.1975	0.139462	37.87111269	0.127828301		
A_P_10_t	G+0.3Q+Ex+0.3Ey	-125.739	-145.225	82.911	4.92	-2.1435	-5.837	-111.6172	3.15	1.15	0.7	1120	156.1975	0.139462	37.87111269	0.147439555		
A_P_10_t	1.35G+1.5Q	-125.739	-73.429	3.108	0.016	-0.0244	-0.0144	-2.3851	3.15	1.15	0.7	1120	156.1975	0.139462	37.87111269	0.000380237		
A_P_11_b	G+0.3Q+Ex+0.3Ey	-110.789	-99.852	7.584	26.877	-36.4079	23.7571	6.3853	2.15	1.15	0.7	1120	137.6261	0.12288	34.01131983	0.698505678		
A_P_11_b	G+0.3Q+Ex-0.3Ey	-110.789	-84.257	53.126	27.248	-36.8919	24.7858	57.1961	2.15	1.15	0.7	1120	137.6261	0.12288	34.01131983	0.72875149		
A_P_11_b	G+0.3Q+Ex-0.3Ey	-110.789	-121.727	23.384	-27.255	35.8058	-25.4887	21.3843	2.15	1.15	0.7	1120	137.6261	0.12288	34.01131983	0.749418139		
A_P_11_b	G+0.3Q+Ex+0.3Ey	-110.789	-111.54	-32.295	-27.709	36.2862	-26.0189	-37.634	2.15	1.15	0.7	1120	137.6261	0.12288	34.01131983	0.765007066		
A_P_11_b	G+0.3Q+Ex+0.3Ey	-110.789	-92.058	-71.333	7.242	-10.4044	5.7169	-77.8761	2.15	1.15	0.7	1120	137.6261	0.12288	34.01131983	0.168088155		
A_P_11_b	G+0.3Q+Ex-0.3Ey	-110.789	-95.564	-83.296	-9.133	11.4038	-9.2159	-91.0819	2.15	1.15	0.7	1120	137.6261	0.12288	34.01131983	0.270965668		
A_P_11_b	G+0.3Q+Ex-0.3Ey	-110.789	-129.521	102.301	-7.62	9.8023	-7.4486	105.6457	2.15	1.15	0.7	1120	137.6261	0.12288	34.01131983	0.219003556		
A_P_11_b	G+0.3Q+Ex+0.3Ey	-110.789	-126.014	114.265	8.756	-12.0059	7.4843	118.8514	2.15	1.15	0.7	1120	137.6261	0.12288	34.01131983	0.220053270		
A_P_11_b	1.35G+1.5Q	-110.789	-126.113	9.307	-0.431	-0.449	-0.5774	9.8565	2.15	1.15	0.7	1120	137.6261	0.12288	34.01131983	0.016976701		
A_P_11_t	G+0.3Q+Ex+0.3Ey	-70.982	-60.044	14.392	4.186	-36.4079	-9.6361	-17.2389	2.15	1.15	0.7	1120	88.1764	0.078729	22.88778217	0.421015917		
A_P_11_t	G+0.3Q+Ex+0.3Ey	-70.982	-44.45	46.319	4.557	-36.8919	-9.405	-49.7072	2.15	1.15	0.7	1120	88.1764	0.078729	22.88778217	0.210517027		
A_P_11_t	G+0.3Q+Ex-0.3Ey	-70.982	-81.92	16.577	-4.564	35.8058	8.7165	-21.574	2.15	1.15	0.7	1120	88.1764	0.078729	22.88778217	0.380368375		
A_P_11_t	G+0.3Q+Ex-0.3Ey	-70.982	-71.733	-25.488	-5.018	36.2862	9.1624	24.4825	2.15	1.15	0.7	1120	88.1764	0.078729	22.88778217	0.400318385		
A_P_11_t	G+0.3Q+Ex+0.3Ey	-70.982	-52.251	-48.642	0.435	-10.4044	-2.5364	51.0961	2.15	1.15	0.7	1120	88.1764	0.078729	22.88778217	0.110818951		
A_P_11_t	G+0.3Q+Ex+0.3Ey	-70.982	-55.757	-60.605	-2.326	11.4038	3.1032	63.6125	2.15	1.15	0.7	1120	88.1764	0.078729	22.88778217	0.135583255		
A_P_11_t	G+0.3Q+Ex-0.3Ey	-70.982	-89.713	79.61	-0.813	9.8023	-1.6167	-89.909	2.15	1.15	0.7	1120	88.1764	0.078729	22.88778217	0.07063594		
A_P_11_t	G+0.3Q+Ex+0.3Ey	-70.982	-86.207	91.574	1.949	-12.0059	-4.0229	-102.4255	2.15	1.15	0.7	1120	88.1764	0.078729	22.88778217	0.175766266		
A_P_11_t	1.35G+1.5Q	-70.982	-66.403	9.307	-0.431	-0.449	0.35	-10.1544	2.15	1.15	0.7	1120	88.1764	0.078729	22.88778217	0.015292002		
A_P_12_b	G+0.3Q+Ex+0.3Ey	-124.139	-94.027	7.484	-8.73	-32.7757	-1.9933	6.6701	2.15	1.375	0.7	1120	128.9756	0.115157	38.44524373	0.187261336		
A_P_12_b	G+0.3Q+Ex-0.3Ey	-124.139	-81.321	36.233	-10.505	-39.0079	-5.6333	13.5181	2.15	1.375	0.7	1120	128.9756	0.115157	38.44524373	0.146527878		
A_P_12_b	G+0.3Q+Ex-0.3Ey	-124.139	-154.252	3.091	5.801	33.3464	5.5465	-1.6516	2.15	1.375	0.7	1120	128.9756	0.115157	38.44524373	0.144270122		
A_P_12_b	G+0.3Q+Ex+0.3Ey	-124.139	-129.679	-21.786	7.139	39.6709	4.2194	-7.569	2.15	1.375	0.7	1120	128.9756	0.115157	38.44524373	0.109750897		
A_P_12_b	G+0.3Q+Ex+0.3Ey	-124.139	-77.837	-31.784	-1.614	-0.0407	-4.751	-5.2172	2.15	1.375	0.7	1120	128.9756	0.115157	38.44524373	0.123578356		
A_P_12_b	G+0.3Q+Ex-0.3Ey	-124.139																



A_P_3_t	G+0.3Q-Ex+0.3Ey	-255.232	-248.961	-18.313	11.056	-0.193	-20.6346	24.1302	3	0.65	0.65	1870	604.0994	0.323048	56.15345478	0.367468041
A_P_3_t	G+0.3Q+Ey+0.3Ex	-255.232	-203.185	-54.738	-2.384	0.2596	4.3558	74.4059	3	0.65	0.65	1870	604.0994	0.323048	56.15345478	0.077569582
A_P_3_t	G+0.3Q+Ey-0.3Ex	-255.232	-208.328	-55.656	4.065	0.1213	-7.6971	75.2432	3	0.65	0.65	1870	604.0994	0.323048	56.15345478	0.137072599
A_P_3_t	G+0.3Q-Ey-0.3Ex	-255.232	-307.279	54.098	2.542	-0.3157	-4.4851	-73.585	3	0.65	0.65	1870	604.0994	0.323048	56.15345478	0.079872201
A_P_3_t	G+0.3Q-Ey+0.3Ex	-255.232	-302.136	55.017	-3.907	-0.1774	7.5678	-74.4223	3	0.65	0.65	1870	604.0994	0.323048	56.15345478	0.13476998
A_P_3_t	1.35G+1.5Q	-255.232	-322.052	0.173	-0.139	-0.0237	0.173	-0.3814	3	0.65	0.65	1870	604.0994	0.323048	56.15345478	0.003080843
A_P_4_b	G+0.3Q+Ex+0.3Ey	-284.886	-287.765	-17.235	5.066	2.2387	12.6143	-27.5879	3	0.65	0.65	1870	674.2864	0.360581	59.20249834	0.2130704
A_P_4_b	G+0.3Q+Ex-0.3Ey	-284.886	-198.467	24.148	4.431	2.6566	12.0823	39.2129	3	0.65	0.65	1870	674.2864	0.360581	59.20249834	0.204084293
A_P_4_b	G+0.3Q-Ex-0.3Ey	-284.886	-282.006	17.899	-4.992	-2.924	-12.3966	28.9491	3	0.65	0.65	1870	674.2864	0.360581	59.20249834	0.20393191
A_P_4_b	G+0.3Q-Ex+0.3Ey	-284.886	-314.225	-23.834	-4.462	-1.2685	-12.0658	-38.3837	3	0.65	0.65	1870	674.2864	0.360581	59.20249834	0.203805588
A_P_4_b	G+0.3Q+Ey+0.3Ex	-284.886	-334.614	-68.234	2.35	0.0573	4.3622	-109.9213	3	0.65	0.65	1870	674.2864	0.360581	59.20249834	0.073682701
A_P_4_b	G+0.3Q+Ey-0.3Ex	-284.886	-342.553	-70.213	-0.508	-1.4198	-3.0418	-113.1601	3	0.65	0.65	1870	674.2864	0.360581	59.20249834	0.051379588
A_P_4_b	G+0.3Q-Ey-0.3Ex	-284.886	-235.157	68.898	-2.277	-0.111	-4.1446	111.2826	3	0.65	0.65	1870	674.2864	0.360581	59.20249834	0.070007181
A_P_4_b	G+0.3Q-Ey+0.3Ex	-284.886	-227.219	70.878	0.581	1.3661	3.2595	114.5213	3	0.65	0.65	1870	674.2864	0.360581	59.20249834	0.050567978
A_P_4_b	1.35G+1.5Q	-284.886	-360.252	0.109	-0.134	0.0093	-0.2224	0.4366	3	0.65	0.65	1870	674.2864	0.360581	59.20249834	0.003756598
A_P_4_t	G+0.3Q+Ex+0.3Ey	-259.536	-262.415	-12.9	-9.385	2.2387	19.0928	17.6144	3	0.65	0.65	1870	614.2864	0.328495	56.64087614	0.337085181
A_P_4_t	G+0.3Q+Ex-0.3Ey	-259.536	-173.117	19.813	-10.019	2.6566	20.4654	-26.7293	3	0.65	0.65	1870	614.2864	0.328495	56.64087614	0.361318563
A_P_4_t	G+0.3Q-Ex-0.3Ey	-259.536	-256.656	13.564	9.458	-2.2924	-19.0942	-18.2466	3	0.65	0.65	1870	614.2864	0.328495	56.64087614	0.337109898
A_P_4_t	G+0.3Q-Ex+0.3Ey	-259.536	-288.875	-19.499	9.988	-2.685	-20.3551	26.6159	3	0.65	0.65	1870	614.2864	0.328495	56.64087614	0.359391207
A_P_4_t	G+0.3Q+Ey+0.3Ex	-259.536	-309.264	-53.784	-1.985	0.0573	3.815	73.1046	3	0.65	0.65	1870	614.2864	0.328495	56.64087614	0.067354184
A_P_4_t	G+0.3Q+Ey-0.3Ex	-259.536	-317.203	-55.763	3.827	-1.4198	-08.0194	75.805	3	0.65	0.65	1870	614.2864	0.328495	56.64087614	0.141583262
A_P_4_t	G+0.3Q-Ey-0.3Ex	-259.536	-209.807	54.448	2.058	-0.111	-3.8164	-73.7368	3	0.65	0.65	1870	614.2864	0.328495	56.64087614	0.067378901
A_P_4_t	G+0.3Q-Ey+0.3Ex	-259.536	-201.869	56.428	-3.754	1.3661	8.018	-76.4373	3	0.65	0.65	1870	614.2864	0.328495	56.64087614	0.141558545
A_P_4_t	1.35G+1.5Q	-259.536	-322.227	0.109	-0.134	0.0093	0.1806	0.1098	3	0.65	0.65	1870	614.2864	0.328495	56.64087614	0.00318851
A_P_5_b	G+0.3Q+Ex+0.3Ey	-257.515	-235.911	-13.523	12.753	5.5203	25.132	-22.3335	3	0.65	0.65	1870	609.503	0.325937	56.41389897	0.445493052
A_P_5_b	G+0.3Q+Ex-0.3Ey	-257.515	-148.165	25.924	12.168	5.7977	25.0329	41.4582	3	0.65	0.65	1870	609.503	0.325937	56.41389897	0.443736392
A_P_5_b	G+0.3Q-Ey-0.3Ex	-257.515	-279.119	19.494	-13.024	-5.916	-25.4483	31.3153	3	0.65	0.65	1870	609.503	0.325937	56.41389897	0.451099826
A_P_5_b	G+0.3Q-Ey+0.3Ex	-257.515	-326.141	-20.919	-12.478	-6.1348	-25.4438	-33.898	3	0.65	0.65	1870	609.503	0.325937	56.41389897	0.451020058
A_P_5_b	G+0.3Q+Ey+0.3Ex	-257.515	-322.351	-63.26	4.558	1.1857	7.4356	-102.4634	3	0.65	0.65	1870	609.503	0.325937	56.41389897	0.131804398
A_P_5_b	G+0.3Q+Ey-0.3Ex	-257.515	-349.42	-65.479	-3.012	-2.3108	-7.7372	-105.9327	3	0.65	0.65	1870	609.503	0.325937	56.41389897	0.137150598
A_P_5_b	G+0.3Q-Ey-0.3Ex	-257.515	-192.679	69.231	-4.829	-1.5815	-7.7158	111.4451	3	0.65	0.65	1870	609.503	0.325937	56.41389897	0.1374094
A_P_5_b	G+0.3Q-Ey+0.3Ex	-257.515	-165.61	71.45	2.741	1.915	7.4209	114.9145	3	0.65	0.65	1870	609.503	0.325937	56.41389897	0.131543824
A_P_5_b	1.35G+1.5Q	-257.515	-340.473	3.381	-0.307	-0.2227	-0.4743	5.1323	3	0.65	0.65	1870	609.503	0.325937	56.41389897	0.008407503
A_P_5_t	G+0.3Q+Ex+0.3Ey	-232.165	-210.561	-9.188	-1.697	5.5203	8.5484	11.7317	3	0.65	0.65	1870	549.503	0.293852	53.28143774	0.164038614
A_P_5_t	G+0.3Q+Ex-0.3Ey	-232.165	-122.815	21.589	-2.282	5.7977	10.2052	-29.8106	3	0.65	0.65	1870	549.503	0.293852	53.28143774	0.191533871
A_P_5_t	G+0.3Q-Ey-0.3Ex	-232.165	-253.769	15.159	1.427	-5.916	-20.6639	-3.916	3	0.65	0.65	1870	549.503	0.293852	53.28143774	0.151235186
A_P_5_t	G+0.3Q-Ey+0.3Ex	-232.165	-300.791	-16.584	1.972	-6.1348	-9.6836	-22.3569	3	0.65	0.65	1870	549.503	0.293852	53.28143774	0.181744345
A_P_5_t	G+0.3Q+Ey+0.3Ex	-232.165	-297.001	-48.81	0.223	1.1857	0.2646	65.6414	3	0.65	0.65	1870	549.503	0.293852	53.28143774	0.009466082
A_P_5_t	G+0.3Q+Ey-0.3Ex	-232.165	-324.07	-51.029	1.323	-2.3108	-5.205	68.829	3	0.65	0.65	1870	549.503	0.293852	53.28143774	0.097688805
A_P_5_t	G+0.3Q-Ey-0.3Ex	-232.165	-167.329	54.781	-0.493	-1.5815	0.2312	-74.5736	3	0.65	0.65	1870	549.503	0.293852	53.28143774	0.004339222
A_P_5_t	G+0.3Q-Ey+0.3Ex	-232.165	-140.26	57	-1.594	1.915	5.7008	-77.7612	3	0.65	0.65	1870	549.503	0.293852	53.28143774	0.10699411
A_P_5_t	1.35G+1.5Q	-232.165	-302.448	3.381	-0.307	-0.2227	0.4463	-5.0103	3	0.65	0.65	1870	549.503	0.293852	53.28143774	0.008376275
A_P_6_b	G+0.3Q+Ex+0.3Ey	-312.251	-278.57	10.211	66.138	15.3163	91.8371	-71.877	3	1.125	0.7	1870	396.5092	0.212037	86.11478119	1.066449902
A_P_6_b	G+0.3Q+Ex-0.3Ey	-312.251	-240.437	142.435	70.184	23.1264	95.517	97.7486	3	1.125	0.7	1870	396.5092	0.212037	86.11478119	1.109182404
A_P_6_b	G+0.3Q-Ey-0.3Ex	-312.251	-652.359	6.165	-94.81	-24.5606	-110.8395	-112.7095	3	1.125	0.7	1870	396.5092	0.212037	86.11478119	1.28711353
A_P_6_b	G+0.3Q-Ey+0.3Ex	-312.251	-824.976	-128.357	-97.023	-31.8641	-113.2859	-60.7148	3	1.125	0.7	1870	396.5092	0.212037	86.11478119	1.315522126
A_P_6_b	G+0.3Q+Ey+0.3Ex	-312.251	-472.021	-195.231	6.449	-9.7176	-17.1899	-270.2987	3	1.125	0.7	1870	396.5092	0.212037	86.11478119	0.199616137
A_P_6_b	G+0.3Q+Ey-0.3Ex	-312.251	-727.87	-236.801	-42.499	-23.8717	-44.347	-266.95	3	1.125	0.7	1870	396.5092	0.212037	86.11478119	0.514975471
A_P_6_b	G+0.3Q-Ey-0.3Ex	-312.251	-152.482	211.607	-35.122	0.4734	-36.1923	311.1311	3	1.125	0.7	1870	396.5092	0.212037	86.11478119	0.420279765
A_P_6_b	G+0.3Q-Ey+0.3Ex	-312.251	-103.368	253.178	13.827	14.6275	25.3446	307.7824	3	1.125	0.7	1870	396.5092	0.212037	86.11478119	0.294311843
A_P_6_b	1.35G+1.5Q	-312.251	-417.478	10.486	-19.408	-6.0404	-13.0549	27.2307	3	1.125	0.7	1870	396.5092	0.212037	86.11478119	0.151598829
A_P_6_t	G+0.3Q+Ex+0.3Ey	-271.631	-167.476	23.363	14.382	1.2426	-21.9037	5.0086	3	1.125	0.7	1870	344.9283	0.184454	77.53468835	0.282850173
A_P_6_t	G+0.3Q+Ex-0.3Ey	-271.631	-264.664	153.049	13.836	4.4279	-17.2238	-54.8651	3	1.125	0.7	1870	344.9283	0.184454	77.53468835	0.222143151
A_P_6_t	G+0.3Q-Ey-0.3Ex	-271.631	-375.786	18.178	-11.511	-2.5686	29.9683	-59.221	3	1.125	0.7	1870	344.9283	0.184454	77.53468835	0.386514741
A_P_6_t	G+0.3Q-Ey+0.3Ex	-271.631	-234.816	-115.76	-11.203	-5.5954	24.6659	5.3319	3	1.125	0.7	1870	344.9283	0.184454	77.53468835	0.318127286
A_P_6_t	G+0.3Q+Ey+0.3Ex	-271.631	-26.58	-181.591	5.787	-4.682	-11.808	80.4333	3	1.125	0.7	1870	344.9283	0.184454	77.53468835	0.152293125
A_P_6_t	G+0.3Q+Ey-0.3Ex	-271.631	-46.782	-223.328	-1.889	-6.7334	2.171	80.5303	3	1.125	0.7	1870	344.9283	0.184454	77.53468835	0.028003027
A_P_6_t	G+0.3Q-Ey-0.3Ex	-271.631	-516.683	223.132	-2.916	3.356	19.8456	-134.6457	3	1.125	0.7	1870	344.9283	0.184454	77.53468835	0.259576994
A_P_6_t	G+0.3Q-Ey+0.3Ex	-271.631	-496.481	264.869	4.76	5.4074	5.8666	-134.7427	3	1.125	0.7	1870	344.9283	0.184454	77.53468835	0.075664198
A_P_6_t	1.35G+1.5Q	-271.631	-353.19	27.069	1.751	-0.7871	5.4779	-36.1925	3	1.125	0.7	1870	344.9283	0.184454	77.53468835	0.070650958
A_P_7_b	G+0.3Q+Ex+0.3Ey	-126.34	-71.432	-34.862	-13.558	17.2106	-0.0535	-9.614	2.15	1.375	0.7	1120	131.2623	0.117199	39.03659883	0.003170509
A_P_7_b	G+0.3Q+Ex-0.3Ey	-126.34	7.995	-20.647	-10.058	18.8363	-0.7875	-8.0894	2							

A_P_9_t	G+0.3Q+Ex-0.3Ey	-118.626	-32.313	18.831	16.516	15.0749	-18.4342	-29.7807	3.15	1.15	0.7	1120	147.3615	0.131573	36.05631744	0.511261308
A_P_9_t	G+0.3Q+Ex-0.3Ey	-118.626	-121.708	7.129	-15.802	-13.7832	18.0531	-11.3967	3.15	1.15	0.7	1120	147.3615	0.131573	36.05631744	0.500691731
A_P_9_t	G+0.3Q+Ex-0.3Ey	-118.626	-135.166	-33.763	-16.473	-14.6665	17.9757	46.3635	3.15	1.15	0.7	1120	147.3615	0.131573	36.05631744	0.498545089
A_P_9_t	G+0.3Q+Ex+0.3Ey	-118.626	-138.112	-80.874	3.7	3.1533	-6.0386	110.9352	3.15	1.15	0.7	1120	147.3615	0.131573	36.05631744	0.167476893
A_P_9_t	G+0.3Q+Ex+0.3Ey	-118.626	-143.999	-81.149	-5.973	-5.5468	5.0033	112.2346	3.15	1.15	0.7	1120	147.3615	0.131573	36.05631744	0.138763478
A_P_9_t	G+0.3Q+Ex-0.3Ey	-118.626	-99.139	55.157	-3.733	-2.6025	5.261	-80.2995	3.15	1.15	0.7	1120	147.3615	0.131573	36.05631744	0.145910663
A_P_9_t	G+0.3Q+Ex+0.3Ey	-118.626	-93.252	55.432	5.94	6.0976	-5.7809	-81.5988	3.15	1.15	0.7	1120	147.3615	0.131573	36.05631744	0.160329474
A_P_9_t	1.35G+1.5Q	-118.626	-72.695	-3.238	0.103	0.2066	-0.0943	2.0508	3.15	1.15	0.7	1120	147.3615	0.131573	36.05631744	0.002615353
D_P_1_b	G+0.3Q+Ex+0.3Ey	-2289.261	-3496.11	637.201	-576.504	177.4151	-724.564	-201.1832	4	12.35	0.8	1120	231.7066	0.206881	726.2626733	0.997661076
D_P_1_b	G+0.3Q+Ex-0.3Ey	-2289.261	-3536.97	-480.984	-585.769	222.5317	-724.6005	-1946.2485	4	12.35	0.8	1120	231.7066	0.206881	726.2626733	0.997711333
D_P_1_b	G+0.3Q+Ex-0.3Ey	-2289.261	-1082.41	-778.055	506.273	-71.9687	679.4439	-915.4428	4	12.35	0.8	1120	231.7066	0.206881	726.2626733	0.935534656
D_P_1_b	G+0.3Q+Ex+0.3Ey	-2289.261	-809.501	350.213	518.996	-126.819	703.9734	942.1924	4	12.35	0.8	1120	231.7066	0.206881	726.2626733	0.969309626
D_P_1_b	G+0.3Q+Ex+0.3Ey	-2289.261	-2237.4	1853.068	-178.235	6.9416	-199.1589	2366.2394	4	12.35	0.8	1120	231.7066	0.206881	726.2626733	0.274224337
D_P_1_b	G+0.3Q+Ex-0.3Ey	-2289.261	-1431.42	1766.971	150.415	-84.3286	230.8796	2709.2521	4	12.35	0.8	1120	231.7066	0.206881	726.2626733	0.317900959
D_P_1_b	G+0.3Q+Ex-0.3Ey	-2289.261	-2341.12	-1993.92	108.004	98.5048	149.1145	-3482.8654	4	12.35	0.8	1120	231.7066	0.206881	726.2626733	0.205317588
D_P_1_b	G+0.3Q+Ex+0.3Ey	-2289.261	-3147.11	-1907.83	-220.646	189.775	-280.924	-3825.878	4	12.35	0.8	1120	231.7066	0.206881	726.2626733	0.386807708
D_P_1_b	1.35G+1.5Q	-2289.261	-3240.1	-108.267	-49.629	65.8633	-33.2628	-595.3565	4	12.35	0.8	1120	231.7066	0.206881	726.2626733	0.045799958
D_P_1_t	G+0.3Q+Ex+0.3Ey	-1575.67	-1772.96	646.356	115.812	179.7101	19.8041	655.716	4	12.35	0.8	1120	159.4808	0.142394	540.5219058	0.036638848
D_P_1_t	G+0.3Q+Ex-0.3Ey	-1575.67	-1632.72	-273.35	117.385	210.8692	21.0498	540.3589	4	12.35	0.8	1120	159.4808	0.142394	540.5219058	0.038943473
D_P_1_t	G+0.3Q+Ex-0.3Ey	-1575.67	-1378.38	-656.794	-105.525	-243.297	-15.514	-917.6124	4	12.35	0.8	1120	159.4808	0.142394	540.5219058	0.028701889
D_P_1_t	G+0.3Q+Ex+0.3Ey	-1575.67	-1266.43	267.441	-107.328	-272.167	-16.9423	-816.8435	4	12.35	0.8	1120	159.4808	0.142394	540.5219058	0.031344336
D_P_1_t	G+0.3Q+Ex+0.3Ey	-1575.67	-1465.06	1592.009	35.609	-12.1289	5.2766	257.884	4	12.35	0.8	1120	159.4808	0.142394	540.5219058	0.009762047
D_P_1_t	G+0.3Q+Ex-0.3Ey	-1575.67	-1313.1	1478.335	-31.333	-147.692	-5.7473	-183.8838	4	12.35	0.8	1120	159.4808	0.142394	540.5219058	0.010632742
D_P_1_t	G+0.3Q+Ex-0.3Ey	-1575.67	-1686.28	-1602.45	-25.322	-51.4577	-0.9864	-519.7804	4	12.35	0.8	1120	159.4808	0.142394	540.5219058	0.001824903
D_P_1_t	G+0.3Q+Ex+0.3Ey	-1575.67	-1838.24	-1488.77	41.62	84.1054	10.0375	-78.0126	4	12.35	0.8	1120	159.4808	0.142394	540.5219058	0.018570015
D_P_1_t	1.35G+1.5Q	-1575.67	-2127.06	-14.584	8.286	-46.6183	2.7411	-225.4665	4	12.35	0.8	1120	159.4808	0.142394	540.5219058	0.00507121
D_P_2_b	G+0.3Q+Ex+0.3Ey	-458.124	-969.374	96.512	-123.521	-45.7741	-130.6847	222.9854	4	2.3	0.8	1120	248.9804	0.222304	142.5124883	0.91700525
D_P_2_b	G+0.3Q+Ex-0.3Ey	-458.124	-769.23	-79.29	-120.172	-34.1703	-128.6428	121.7276	4	2.3	0.8	1120	248.9804	0.222304	142.5124883	0.902677383
D_P_2_b	G+0.3Q+Ex-0.3Ey	-458.124	-53.126	11.308	96.924	18.0836	114.0979	-138.172	4	2.3	0.8	1120	248.9804	0.222304	142.5124883	0.906016854
D_P_2_b	G+0.3Q+Ex+0.3Ey	-458.124	-103.294	180.954	94.866	7.5083	112.9538	-42.6399	4	2.3	0.8	1120	248.9804	0.222304	142.5124883	0.792588785
D_P_2_b	G+0.3Q+Ex+0.3Ey	-458.124	-848.735	323.988	-49.486	-39.4631	-66.746	241.4706	4	2.3	0.8	1120	248.9804	0.222304	142.5124883	0.328013359
D_P_2_b	G+0.3Q+Ex-0.3Ey	-458.124	-588.912	349.32	16.03	-23.4784	26.3455	161.783	4	2.3	0.8	1120	248.9804	0.222304	142.5124883	0.184864501
D_P_2_b	G+0.3Q+Ex-0.3Ey	-458.124	-67.512	-216.168	22.89	11.7726	30.1592	-156.6572	4	2.3	0.8	1120	248.9804	0.222304	142.5124883	0.211624963
D_P_2_b	G+0.3Q+Ex+0.3Ey	-458.124	-327.336	-241.501	-42.626	-4.2121	-42.9323	-76.9696	4	2.3	0.8	1120	248.9804	0.222304	142.5124883	0.301252897
D_P_2_b	1.35G+1.5Q	-458.124	-658.752	81.074	-18.256	-19.5845	-10.9928	55.5032	4	2.3	0.8	1120	248.9804	0.222304	142.5124883	0.077135696
D_P_2_t	G+0.3Q+Ex+0.3Ey	-328.192	-506.042	-34.256	22.334	-3.7009	4.0283	-72.3595	4	2.3	0.8	1120	178.3652	0.159255	110.3703581	0.326498024
D_P_2_t	G+0.3Q+Ex-0.3Ey	-328.192	-407.026	-157.31	26.189	-5.9003	3.327	-24.8239	4	2.3	0.8	1120	178.3652	0.159255	110.3703581	0.030143963
D_P_2_t	G+0.3Q+Ex-0.3Ey	-328.192	-150.342	39.742	-17.426	2.0031	-3.9875	0.0474	4	2.3	0.8	1120	178.3652	0.159255	110.3703581	0.03612836
D_P_2_t	G+0.3Q+Ex+0.3Ey	-328.192	-193.873	160.847	-22.198	4.3866	-2.9554	-41.8612	4	2.3	0.8	1120	178.3652	0.159255	110.3703581	0.026777117
D_P_2_t	G+0.3Q+Ex+0.3Ey	-328.192	-447.569	175.319	1.18	1.8871	2.7882	-110.5785	4	2.3	0.8	1120	178.3652	0.159255	110.3703581	0.025262218
D_P_2_t	G+0.3Q+Ex+0.3Ey	-328.192	-353.918	233.849	-12.18	4.3133	0.6931	-101.429	4	2.3	0.8	1120	178.3652	0.159255	110.3703581	0.006279766
D_P_2_t	G+0.3Q+Ex-0.3Ey	-328.192	-208.815	-169.832	3.728	-3.5649	-2.7474	38.2664	4	2.3	0.8	1120	178.3652	0.159255	110.3703581	0.024892553
D_P_2_t	G+0.3Q+Ex-0.3Ey	-328.192	-302.466	-228.363	17.088	-5.9911	-0.6523	29.1169	4	2.3	0.8	1120	178.3652	0.159255	110.3703581	0.059910101
D_P_2_t	1.35G+1.5Q	-328.192	-431.168	8.562	2.247	-0.7004	0.3137	-51.3366	4	2.3	0.8	1120	178.3652	0.159255	110.3703581	0.002842249
D_P_3_b	G+0.3Q+Ex+0.3Ey	-533.375	-531.29	24.942	132.69	161.7758	212.179	125.5741	2.15	8.15	0.8	1120	81.80598	0.073041	197.7666909	1.072875311
D_P_3_b	G+0.3Q+Ex-0.3Ey	-533.375	-398.329	71.662	135.098	152.9473	216.8222	171.0822	2.15	8.15	0.8	1120	81.80598	0.073041	197.7666909	1.096353481
D_P_3_b	G+0.3Q+Ex-0.3Ey	-533.375	-535.459	50.383	-138.899	-146.403	-214.8796	83.5635	2.15	8.15	0.8	1120	81.80598	0.073041	197.7666909	1.086530795
D_P_3_b	G+0.3Q+Ex+0.3Ey	-533.375	-521.511	10.7	-142.344	-137.1	-219.7681	-40.2031	2.15	8.15	0.8	1120	81.80598	0.073041	197.7666909	1.111249316
D_P_3_b	G+0.3Q+Ex+0.3Ey	-533.375	-511.595	-26.339	32.409	67.602	55.2942	-76.8423	2.15	8.15	0.8	1120	81.80598	0.073041	197.7666909	0.279593089
D_P_3_b	G+0.3Q+Ex-0.3Ey	-533.375	-508.661	-30.612	-50.101	-22.0608	-74.2899	-126.5755	2.15	8.15	0.8	1120	81.80598	0.073041	197.7666909	0.375664417
D_P_3_b	G+0.3Q+Ex-0.3Ey	-533.375	-555.154	101.664	-38.618	-51.8689	-57.9948	285.9799	2.15	8.15	0.8	1120	81.80598	0.073041	197.7666909	0.293248574
D_P_3_b	G+0.3Q+Ex+0.3Ey	-533.375	-558.088	105.936	43.892	37.7939	71.5893	335.7131	2.15	8.15	0.8	1120	81.80598	0.073041	197.7666909	0.361988663
D_P_3_b	1.35G+1.5Q	-533.375	-575.131	62.048	-6.437	11.8932	-2.8019	28.4993	2.15	8.15	0.8	1120	81.80598	0.073041	197.7666909	0.014167704
D_P_3_t	G+0.3Q+Ex+0.3Ey	-300.05	-299.682	-25.598	242.781	198.7482	-102.7952	174.0125	2.15	8.15	0.8	1120	46.01994	0.041089	115.0884705	0.89318417
D_P_3_t	G+0.3Q+Ex-0.3Ey	-300.05	-148.405	114.841	236.749	201.7357	-94.8206	10.7396	2.15	8.15	0.8	1120	46.01994	0.041089	115.0884705	0.823893128
D_P_3_t	G+0.3Q+Ex-0.3Ey	-300.05	-300.417	117.675	-243.685	-192.178	101.4059	141.5194	2.15	8.15	0.8	1120	46.01994	0.041089	115.0884705	0.881112587
D_P_3_t	G+0.3Q+Ex+0.3Ey	-300.05	-297.337	-18.017	-238.982	-194.621	96.6347	172.1564	2.15	8.15	0.8	1120	46.01994	0.041089	115.0884705	0.839655785
D_P_3_t	G+0.3Q+Ex+0.3Ey	-300.05	-295.267	-181.252	79.65	58.2187	-38.5612	209.1061	2.15	8.15	0.8	1120	46.01994	0.041089	115.0884705	0.33055702
D_P_3_t	G+0.3Q+Ex-0.3Ey	-300.05	-294.564	-178.978	-64.879	-59.792	21.2678	208.5493	2.15	8.15	0.8	1120	46.01994	0.041089	115.0884705	0.184795227
D_P_3_t	G+0.3Q+Ex-0.3Ey	-300.05	-304.832	273.328	-80.553	-51.648	37.1719	106.4258	2.15	8.15	0.8	1120	46.01994	0.041089	115.0884705	0.322985438
D_P_3_t	G+0.3Q+Ex+0.3Ey	-300.05	-305.536	271.054	63.976											

D_P_6_b	1.35G+1.5Q	-203.201	-203.607	4.733	-1.724	0.8385	-0.1056	2.8553	2.15	2.75	0.8	1120	92.36409	0.082468	74.57737299	0.001415979
D_P_6_t	G+0.3Q+Ex+0.3EY	-121.556	-134.64	-40.931	6.883	41.9691	0.8712	-29.021	2.15	2.75	0.8	1120	55.25273	0.049333	46.22372124	0.018847466
D_P_6_t	G+0.3Q+Ex+0.3EY	-121.556	-57.185	-52.471	8.018	44.1904	6.815	14.8031	2.15	2.75	0.8	1120	55.25273	0.049333	46.22372124	0.147435122
D_P_6_t	G+0.3Q+Ex+0.3EY	-121.556	-108.472	50.519	-4.824	-37.4025	-0.4401	6.8749	2.15	2.75	0.8	1120	55.25273	0.049333	46.22372124	0.009521085
D_P_6_t	G+0.3Q+Ex+0.3EY	-121.556	-117.93	57.402	-6.6	-40.8046	-6.1392	-26.2313	2.15	2.75	0.8	1120	55.25273	0.049333	46.22372124	0.132814923
D_P_6_t	G+0.3Q+EY+0.3EY	-121.556	-139.826	1.516	0.091	9.0292	-8.2313	-66.6685	2.15	2.75	0.8	1120	55.25273	0.049333	46.22372124	0.178075234
D_P_6_t	G+0.3Q+EY+0.3EY	-121.556	-134.813	31.016	-3.954	-15.8029	-10.3344	-65.8316	2.15	2.75	0.8	1120	55.25273	0.049333	46.22372124	0.223573519
D_P_6_t	G+0.3Q+EY+0.3EY	-121.556	-103.286	8.072	1.968	-4.4625	8.6624	44.5225	2.15	2.75	0.8	1120	55.25273	0.049333	46.22372124	0.187401615
D_P_6_t	G+0.3Q+EY+0.3EY	-121.556	-108.299	-21.428	6.013	20.3696	10.7655	43.6856	2.15	2.75	0.8	1120	55.25273	0.049333	46.22372124	0.232899899
D_P_6_t	1.35G+1.5Q	-121.556	-77.666	4.903	6.633	1.8416	0.8098	1.5011	0.175	2.75	0.8	1120	55.25273	0.049333	46.22372124	0.017519143
ES_A_P_1_b	G+0.3Q+Ex+0.3EY	-317.319	40.617	-83.05	86.574	-21.9806	93.5626	36.4222	3	1.4	0.7	1120	323.7949	0.289103	78.95343962	1.185035135
ES_A_P_1_b	G+0.3Q+Ex+0.3EY	-317.319	-72.905	35.819	84.135	-17.3072	94.3963	181.6423	3	1.4	0.7	1120	323.7949	0.289103	78.95343962	1.195594523
ES_A_P_1_b	G+0.3Q+Ex+0.3EY	-317.319	-675.256	100.939	-111.6	34.8435	-105.098	-14.8275	3	1.4	0.7	1120	323.7949	0.289103	78.95343962	1.331138966
ES_A_P_1_b	G+0.3Q+Ex+0.3EY	-317.319	-530.152	-22.643	-107.85	29.1857	-105.4788	-163.2855	3	1.4	0.7	1120	323.7949	0.289103	78.95343962	1.335926062
ES_A_P_1_b	G+0.3Q+EY+0.3EY	-317.319	10.136	-206.087	22.901	-10.6731	23.4539	-206.6765	3	1.4	0.7	1120	323.7949	0.289103	78.95343962	0.297059889
ES_A_P_1_b	G+0.3Q+EY+0.3EY	-317.319	-161.095	-187.965	-35.426	4.6767	-36.2585	-266.5888	3	1.4	0.7	1120	323.7949	0.289103	78.95343962	0.459239017
ES_A_P_1_b	G+0.3Q+EY+0.3EY	-317.319	-644.775	223.976	-47.928	23.536	-34.9893	228.2712	3	1.4	0.7	1120	323.7949	0.289103	78.95343962	0.44316372
ES_A_P_1_b	G+0.3Q+EY+0.3EY	-317.319	-473.544	205.854	10.4	8.1862	24.7231	288.1836	3	1.4	0.7	1120	323.7949	0.289103	78.95343962	0.313135186
ES_A_P_1_b	1.35G+1.5Q	-317.319	-468.69	-0.47	-18.727	8.744	-9.3094	8.4952	3	1.4	0.7	1120	323.7949	0.289103	78.95343962	0.117909999
ES_A_P_1_t	G+0.3Q+Ex+0.3EY	-238.878	-255.657	-84.394	23.538	-1.1515	-18.8473	-6.8309	3	1.4	0.7	1120	243.7531	0.217637	65.41128633	0.288135291
ES_A_P_1_t	G+0.3Q+Ex+0.3EY	-238.878	-189.7	32.144	21.822	-1.4184	-19.6301	-77.2848	3	1.4	0.7	1120	243.7531	0.217637	65.41128633	0.300102644
ES_A_P_1_t	G+0.3Q+Ex+0.3EY	-238.878	-222.1	74.132	-14.542	-1.3782	16.1982	26.8515	3	1.4	0.7	1120	243.7531	0.217637	65.41128633	0.247636164
ES_A_P_1_t	G+0.3Q+Ex+0.3EY	-238.878	-263.017	-47.28	-13.281	-0.7456	17.1559	102.3421	3	1.4	0.7	1120	243.7531	0.217637	65.41128633	0.262273068
ES_A_P_1_t	G+0.3Q+EY+0.3EY	-238.878	-305.97	-213.051	12.122	-0.2714	5.1289	119.452	3	1.4	0.7	1120	243.7531	0.217637	65.41128633	0.076771316
ES_A_P_1_t	G+0.3Q+EY+0.3EY	-238.878	-308.178	-201.917	1.076	-0.1497	5.672	152.2039	3	1.4	0.7	1120	243.7531	0.217637	65.41128633	0.086712864
ES_A_P_1_t	G+0.3Q+EY+0.3EY	-238.878	-171.787	202.79	-3.127	-2.2582	2.4799	-99.4315	3	1.4	0.7	1120	243.7531	0.217637	65.41128633	0.037912418
ES_A_P_1_t	G+0.3Q+EY+0.3EY	-238.878	-169.579	191.655	7.919	-2.38	-8.3211	-132.1834	3	1.4	0.7	1120	243.7531	0.217637	65.41128633	0.127211991
ES_A_P_1_t	1.35G+1.5Q	-238.878	-372.296	-26.228	6.583	-1.1003	-1.4324	38.8172	3	1.4	0.7	1120	243.7531	0.217637	65.41128633	0.021898362
ES_A_P_2_b	G+0.3Q+Ex+0.3EY	-236.494	-129.192	2.109	47.585	-0.7516	70.2672	3.1086	3	1.3	0.7	1120	259.8835	0.232039	63.56637114	1.10544683
ES_A_P_2_b	G+0.3Q+Ex+0.3EY	-236.494	-164.252	102.957	47.309	-1.5597	70.5493	156.4353	3	1.3	0.7	1120	259.8835	0.232039	63.56637114	1.109852564
ES_A_P_2_b	G+0.3Q+Ex+0.3EY	-236.494	-343.796	13.91	-47.941	-0.2656	-70.5682	20.7152	3	1.3	0.7	1120	259.8835	0.232039	63.56637114	1.110149891
ES_A_P_2_b	G+0.3Q+Ex+0.3EY	-236.494	-302.018	-88.887	-47.671	0.5691	-70.9573	-135.1035	3	1.3	0.7	1120	259.8835	0.232039	63.56637114	1.116271052
ES_A_P_2_b	G+0.3Q+EY+0.3EY	-236.494	-140.941	-149.671	14.56	0.6845	20.3847	-227.054	3	1.3	0.7	1120	259.8835	0.232039	63.56637114	0.320683714
ES_A_P_2_b	G+0.3Q+EY+0.3EY	-236.494	-192.789	-176.969	-14.017	1.0807	-21.9826	-268.5177	3	1.3	0.7	1120	259.8835	0.232039	63.56637114	0.34582122
ES_A_P_2_b	G+0.3Q+EY+0.3EY	-236.494	-332.047	165.69	-14.916	-1.7017	-20.6857	250.8778	3	1.3	0.7	1120	259.8835	0.232039	63.56637114	0.325418922
ES_A_P_2_b	G+0.3Q+EY+0.3EY	-236.494	-280.199	192.988	13.661	-2.0979	21.6817	292.3414	3	1.3	0.7	1120	259.8835	0.232039	63.56637114	0.341085825
ES_A_P_2_b	1.35G+1.5Q	-236.494	-394.511	10.71	-0.389	-0.7427	-0.5953	16.2135	3	1.3	0.7	1120	259.8835	0.232039	63.56637114	0.009365015
ES_A_P_2_t	G+0.3Q+Ex+0.3EY	-167.908	-60.606	13.837	8.49	-1.3101	-13.8459	-21.79	3	1.3	0.7	1120	184.5143	0.164745	49.08610479	0.282073716
ES_A_P_2_t	G+0.3Q+Ex+0.3EY	-167.908	-95.666	91.228	8.213	-2.1182	-12.7332	-135.8217	3	1.3	0.7	1120	184.5143	0.164745	49.08610479	0.259405387
ES_A_P_2_t	G+0.3Q+Ex+0.3EY	-167.908	-275.21	2.182	-8.845	0.2929	14.6109	-4.4028	3	1.3	0.7	1120	184.5143	0.164745	49.08610479	0.297658575
ES_A_P_2_t	G+0.3Q+Ex+0.3EY	-167.908	-233.432	-77.159	-8.576	1.1276	13.4128	112.9856	3	1.3	0.7	1120	184.5143	0.164745	49.08610479	0.273250445
ES_A_P_2_t	G+0.3Q+EY+0.3EY	-167.908	-72.355	-110.575	2.832	0.5169	-5.7031	162.3345	3	1.3	0.7	1120	184.5143	0.164745	49.08610479	0.11618563
ES_A_P_2_t	G+0.3Q+EY+0.3EY	-167.908	-124.203	-137.874	-2.288	1.2482	2.4745	202.7672	3	1.3	0.7	1120	184.5143	0.164745	49.08610479	0.050411415
ES_A_P_2_t	G+0.3Q+EY+0.3EY	-167.908	-263.461	126.594	-3.187	-1.5341	6.468	-188.5273	3	1.3	0.7	1120	184.5143	0.164745	49.08610479	0.131768451
ES_A_P_2_t	G+0.3Q+EY+0.3EY	-167.908	-211.613	153.893	1.933	-2.654	-1.7096	-228.96	3	1.3	0.7	1120	184.5143	0.164745	49.08610479	0.034828594
ES_A_P_2_t	1.35G+1.5Q	-167.908	-291.632	10.71	-0.389	-0.7427	0.5706	-17.3852	3	1.3	0.7	1120	184.5143	0.164745	49.08610479	0.011624471
ES_A_P_3_b	G+0.3Q+Ex+0.3EY	-208.511	244.76	-16.67	98.842	3.1163	100.1398	-16.6275	3	1.3	0.7	1120	229.133	0.204583	58.04861747	1.725102239
ES_A_P_3_b	G+0.3Q+Ex+0.3EY	-208.511	244.841	75.974	100.026	2.5525	101.4955	130.3289	3	1.3	0.7	1120	229.133	0.204583	58.04861747	1.748456801
ES_A_P_3_b	G+0.3Q+Ex+0.3EY	-208.511	-661.782	18.552	-117.305	-3.1673	-109.7461	26.0332	3	1.3	0.7	1120	229.133	0.204583	58.04861747	1.905893885
ES_A_P_3_b	G+0.3Q+Ex+0.3EY	-208.511	-663.046	-74.797	-118.489	-2.6383	-111.1713	-121.9283	3	1.3	0.7	1120	229.133	0.204583	58.04861747	1.915141219
ES_A_P_3_b	G+0.3Q+EY+0.3EY	-208.511	-74.447	-145.922	21.395	1.7193	24.5182	-226.1045	3	1.3	0.7	1120	229.133	0.204583	58.04861747	0.422373539
ES_A_P_3_b	G+0.3Q+EY+0.3EY	-208.511	-346.789	-163.36	-43.805	-0.0071	-38.8751	-257.6947	3	1.3	0.7	1120	229.133	0.204583	58.04861747	0.66698982
ES_A_P_3_b	G+0.3Q+EY+0.3EY	-208.511	-342.575	147.803	-39.858	-1.7703	-34.1245	235.5102	3	1.3	0.7	1120	229.133	0.204583	58.04861747	0.587860684
ES_A_P_3_b	G+0.3Q+EY+0.3EY	-208.511	-70.233	165.242	25.341	-0.0439	29.2688	267.1004	3	1.3	0.7	1120	229.133	0.204583	58.04861747	0.504211836
ES_A_P_3_b	1.35G+1.5Q	-208.511	-355.051	0.267	-15.262	-0.1249	-8.0725	6.2462	3	1.3	0.7	1120	229.133	0.204583	58.04861747	0.139064466
ES_A_P_3_t	G+0.3Q+Ex+0.3EY	-139.827	-82.729	-2.238	-27.709	1.5424	-1.3977	8.4828	3	1.3	0.7	1120	153.656	0.137193	42.22530511	0.033101004
ES_A_P_3_t	G+0.3Q+Ex+0.3EY	-139.827	-82.562	79.444	-28.899	-1.071	-4.8027	-100.7667	3	1.3	0.7	1120	153.656	0.137193	42.22530511	0.02060597
ES_A_P_3_t	G+0.3Q+Ex+0.3EY	-139.827	-196.926	3.965	30.054	-1.8201	2.8372	-5.7734	3	1.3	0.7	1120	153.656	0.137193	42.22530511	0.067191936
ES_A_P_3_t	G+0.3Q+Ex+0.3EY	-139.827	-198.05	-78.677	31.26	0.853	2.1844	108.8459	3	1.3	0.7	1120	153.656	0.137193	42.22530511	0.051732012
ES_A_P_3_t	G+0.3Q+EY+0.3EY	-139.827	-124.403	-125.406	-5.663	4.4197	-9.0056	171.2656	3	1.3	0.7	1120	153.656	0.137193	42.22530511	0.021468855
ES_A_P_3_t	G+0.3Q+EY+0.3EY	-139.827	-159	-148.338	12.028	0.4219	0.169	200.1746	3	1.3	0.7	1120	153.656	0.137193	42.22530511	



ES_A_P_6_b	G+0.3Q-Ey-0.3Ex	-282.93	-238.068	116.496	-33.946	-1.238	-31.538	164.068	3	1.5	0.7	1120	269.4571	0.240587	75.2012783	0.419381169
ES_A_P_6_b	G+0.3Q-Ey+0.3Ex	-282.93	-33.572	176.164	24.589	16.4251	36.9159	160.7388	3	1.5	0.7	1120	269.4571	0.240587	75.2012783	0.490894581
ES_A_P_6_b	1.35G+1.5Q	-282.93	-408.191	-3.012	-16.852	-6.6345	-9.3478	5.647	3	1.5	0.7	1120	269.4571	0.240587	75.2012783	0.124303738
ES_A_P_6_t	G+0.3Q+Ex+0.3Ey	-206.498	-305.225	63.35	23.419	5.1265	-31.6811	27.6301	3	1.5	0.7	1120	196.6648	0.175594	59.5834	0.531710174
ES_A_P_6_t	G+0.3Q+Ex-0.3Ey	-206.498	-391.238	159.605	25.247	6.6649	-30.4655	-28.4402	3	1.5	0.7	1120	196.6648	0.175594	59.5834	0.511308519
ES_A_P_6_t	G+0.3Q-Ey-0.3Ex	-206.498	-107.771	-59.964	-19.333	-3.6708	32.8631	-36.5957	3	1.5	0.7	1120	196.6648	0.175594	59.5834	0.551547914
ES_A_P_6_t	G+0.3Q-Ey+0.3Ex	-206.498	-3.578	-153.068	-21.4	-5.4152	31.8383	15.9331	3	1.5	0.7	1120	196.6648	0.175594	59.5834	0.534348493
ES_A_P_6_t	G+0.3Q+Ex+0.3Ey	-206.498	-78.09	-121.018	5.321	-0.5983	-10.6449	84.8197	3	1.5	0.7	1120	196.6648	0.175594	59.5834	0.178655464
ES_A_P_6_t	G+0.3Q+Ex-0.3Ey	-206.498	12.404	-185.944	-8.125	-3.7608	8.4109	81.3106	3	1.5	0.7	1120	196.6648	0.175594	59.5834	0.1411618
ES_A_P_6_t	G+0.3Q-Ey-0.3Ex	-206.498	-334.906	124.404	-1.235	2.054	11.8269	-93.7853	3	1.5	0.7	1120	196.6648	0.175594	59.5834	0.198493204
ES_A_P_6_t	G+0.3Q-Ey+0.3Ex	-206.498	-425.4	189.33	12.211	5.2165	-7.2289	-90.2762	3	1.5	0.7	1120	196.6648	0.175594	59.5834	0.12132406
ES_A_P_6_t	1.35G+1.5Q	-206.498	-309.804	14.5	2.804	0.5603	1.6761	-20.3642	3	1.5	0.7	1120	196.6648	0.175594	59.5834	0.028130318
N_P_1_b	G+0.3Q+Ex+0.3Ey	-447.891	-564.815	-293.558	-54.414	30.8231	-45.6877	-445.8633	2	2.15	0.7	1120	297.602	0.265716	115.107708	0.396912603
N_P_1_b	G+0.3Q+Ex-0.3Ey	-447.891	-311.255	-309.857	-2.817	22.5886	7.0658	-398.485	2	2.15	0.7	1120	297.602	0.265716	115.107708	0.061384247
N_P_1_b	G+0.3Q-Ey-0.3Ex	-447.891	-330.967	303.729	10.198	0.5827	13.1556	396.9166	2	2.15	0.7	1120	297.602	0.265716	115.107708	0.114289479
N_P_1_b	G+0.3Q-Ey+0.3Ex	-447.891	-539.384	318.268	-38.936	7.198	-37.5053	351.88	2	2.15	0.7	1120	297.602	0.265716	115.107708	0.382528762
N_P_1_b	G+0.3Q+Ex+0.3Ey	-447.891	-799.068	-62.457	-106.319	30.2721	-101.9283	-219.1959	2	2.15	0.7	1120	297.602	0.265716	115.107708	0.885503688
N_P_1_b	G+0.3Q+Ex-0.3Ey	-447.891	-791.438	121.091	-101.676	23.1846	-99.4735	20.1271	2	2.15	0.7	1120	297.602	0.265716	115.107708	0.864177575
N_P_1_b	G+0.3Q-Ey-0.3Ex	-447.891	-96.714	72.629	62.103	1.1337	69.3961	170.2492	2	2.15	0.7	1120	297.602	0.265716	115.107708	0.602879696
N_P_1_b	G+0.3Q-Ey+0.3Ex	-447.891	-104.344	-110.919	57.46	8.2213	66.9414	-69.0738	2	2.15	0.7	1120	297.602	0.265716	115.107708	0.551545452
N_P_1_b	1.35G+1.5Q	-447.891	-627.101	8.254	-31.955	22.9145	-23.0522	-35.2832	2	2.15	0.7	1120	297.602	0.265716	115.107708	0.200266345
N_P_1_t	G+0.3Q+Ex+0.3Ey	-356.406	-621.163	-311.114	-5.458	-3.9282	5.7419	62.6006	2	2.15	0.7	1120	236.8146	0.211442	98.3664279	0.058372558
N_P_1_t	G+0.3Q+Ex-0.3Ey	-356.406	-431.397	-321.095	1.382	9.9442	5.8844	63.1936	2	2.15	0.7	1120	236.8146	0.211442	98.3664279	0.059821223
N_P_1_t	G+0.3Q-Ey-0.3Ex	-356.406	-91.649	291.015	0.474	1.0059	1.4915	-53.1387	2	2.15	0.7	1120	236.8146	0.211442	98.3664279	0.015162694
N_P_1_t	G+0.3Q-Ey+0.3Ex	-356.406	-239.085	300.565	-5.893	-12.6007	1.053	-52.6936	2	2.15	0.7	1120	236.8146	0.211442	98.3664279	0.010704872
N_P_1_t	G+0.3Q+Ex+0.3Ey	-356.406	-659.444	-85.884	-13.039	-22.8379	3.5891	22.7669	2	2.15	0.7	1120	236.8146	0.211442	98.3664279	0.036487042
N_P_1_t	G+0.3Q+Ex-0.3Ey	-356.406	-544.82	97.62	-13.17	-25.4396	2.1825	-11.8213	2	2.15	0.7	1120	236.8146	0.211442	98.3664279	0.022187448
N_P_1_t	G+0.3Q-Ey-0.3Ex	-356.406	-53.369	65.785	8.055	19.9156	3.6443	-13.305	2	2.15	0.7	1120	236.8146	0.211442	98.3664279	0.037048209
N_P_1_t	G+0.3Q-Ey+0.3Ex	-356.406	-167.992	-117.719	8.186	22.5173	5.051	21.2833	2	2.15	0.7	1120	236.8146	0.211442	98.3664279	0.05134882
N_P_1_t	1.35G+1.5Q	-356.406	-488.503	-13.009	-3.448	-1.8809	5.9715	6.635	2	2.15	0.7	1120	236.8146	0.211442	98.3664279	0.057656866
N_P_10_b	G+0.3Q+Ex+0.3Ey	-223.293	-248.984	-220.068	-20.077	46.0279	5.1851	-204.9289	2.1	2.5	0.7	1120	127.596	0.113925	69.24902074	0.057063877
N_P_10_b	G+0.3Q+Ex-0.3Ey	-223.293	-217.136	-209.974	-6.26	2.2163	2.2131	-221.2011	2.1	2.5	0.7	1120	127.596	0.113925	69.24902074	0.031958575
N_P_10_b	G+0.3Q-Ey-0.3Ex	-223.293	-197.602	180.815	20.243	-46.666	-2.2351	169.2802	2.1	2.5	0.7	1120	127.596	0.113925	69.24902074	0.002276269
N_P_10_b	G+0.3Q-Ey+0.3Ex	-223.293	-177.933	184.517	5.572	-1.1467	-0.6559	185.7564	2.1	2.5	0.7	1120	127.596	0.113925	69.24902074	0.394071614
N_P_10_b	G+0.3Q+Ex+0.3Ey	-223.293	-201.169	-74.145	-28.216	82.6227	4.9915	-48.9669	2.1	2.5	0.7	1120	127.596	0.113925	69.24902074	0.027080442
N_P_10_b	G+0.3Q+Ex-0.3Ey	-223.293	-179.853	47.23	-20.522	68.4703	3.2353	68.2387	2.1	2.5	0.7	1120	127.596	0.113925	69.24902074	0.046719794
N_P_10_b	G+0.3Q-Ey-0.3Ex	-223.293	-245.417	34.893	28.382	-83.2608	-0.2085	13.3182	2.1	2.5	0.7	1120	127.596	0.113925	69.24902074	0.029292833
N_P_10_b	G+0.3Q-Ey+0.3Ex	-223.293	-266.732	-86.483	20.687	-69.1084	-0.2723	-103.8874	2.1	2.5	0.7	1120	127.596	0.113925	69.24902074	0.009392186
N_P_10_b	1.35G+1.5Q	-223.293	-260.149	-8.854	-1.305	1.7529	-0.2838	-24.1225	2.1	2.5	0.7	1120	127.596	0.113925	69.24902074	0.004098253
N_P_10_t	G+0.3Q+Ex+0.3Ey	-129.65	-94.192	-130.146	3.098	4.1955	23.7221	82.8761	2.1	2.5	0.7	1120	74.08571	0.066148	42.37587098	0.559802063
N_P_10_t	G+0.3Q+Ex-0.3Ey	-129.65	-58.733	-131.255	-4.672	-15.1448	14.4279	56.2093	2.1	2.5	0.7	1120	74.08571	0.066148	42.37587098	0.340474418
N_P_10_t	G+0.3Q-Ey-0.3Ex	-129.65	-165.108	101.025	-1.775	-9.48	-21.4219	-61.4309	2.1	2.5	0.7	1120	74.08571	0.066148	42.37587098	0.505521173
N_P_10_t	G+0.3Q-Ey+0.3Ex	-129.65	-150.352	114.316	5.417	12.4768	-11.654	-60.507	2.1	2.5	0.7	1120	74.08571	0.066148	42.37587098	0.07514996
N_P_10_t	G+0.3Q+Ex+0.3Ey	-129.65	-96.633	-29.079	12.3	32.7101	22.7363	33.7699	2.1	2.5	0.7	1120	74.08571	0.066148	42.37587098	0.536538824
N_P_10_t	G+0.3Q+Ex-0.3Ey	-129.65	-113.481	44.26	12.995	35.1945	12.1235	-9.2451	2.1	2.5	0.7	1120	74.08571	0.066148	42.37587098	0.286094415
N_P_10_t	G+0.3Q-Ey-0.3Ex	-129.65	-162.668	-0.042	-10.976	-37.9947	-20.4362	-12.3247	2.1	2.5	0.7	1120	74.08571	0.066148	42.37587098	0.482260294
N_P_10_t	G+0.3Q-Ey+0.3Ex	-129.65	-145.82	-73.381	-11.672	-40.4791	-9.8234	30.6902	2.1	2.5	0.7	1120	74.08571	0.066148	42.37587098	0.231815884
N_P_10_t	1.35G+1.5Q	-129.65	-119.649	-3.63	-0.199	-0.8369	2.7002	-22.3324	2.1	2.5	0.7	1120	74.08571	0.066148	42.37587098	0.063720224
N_P_2_b	G+0.3Q+Ex+0.3Ey	-400.272	-599.085	-319.335	-51.141	-12.7083	-36.565	-345.4776	2	2.11	0.7	1120	271.0034	0.241967	106.1967416	0.344313766
N_P_2_b	G+0.3Q+Ex-0.3Ey	-400.272	-294.437	-281.123	-3.82	-5.9264	15.4755	-354.3627	2	2.11	0.7	1120	271.0034	0.241967	106.1967416	0.154724881
N_P_2_b	G+0.3Q-Ey-0.3Ex	-400.272	-201.458	308.807	20.796	1.241	16.3668	319.6944	2	2.11	0.7	1120	271.0034	0.241967	106.1967416	0.154117723
N_P_2_b	G+0.3Q-Ey+0.3Ex	-400.272	-465.117	272.638	-24.011	-4.563	-33.6965	328.7591	2	2.11	0.7	1120	271.0034	0.241967	106.1967416	0.317302579
N_P_2_b	G+0.3Q+Ex+0.3Ey	-400.272	-859.799	-154.342	-93.921	-16.6287	-93.9681	-98.9194	2	2.11	0.7	1120	271.0034	0.241967	106.1967416	0.884849183
N_P_2_b	G+0.3Q+Ex-0.3Ey	-400.272	-819.609	23.25	-85.782	-14.1851	-93.1076	103.3516	2	2.11	0.7	1120	271.0034	0.241967	106.1967416	0.876746298
N_P_2_b	G+0.3Q-Ey-0.3Ex	-400.272	59.256	143.814	63.576	5.1613	73.7699	73.1362	2	2.11	0.7	1120	271.0034	0.241967	106.1967416	0.69465314
N_P_2_b	G+0.3Q-Ey+0.3Ex	-400.272	19.065	-33.779	55.437	2.7177	72.9093	-129.1348	2	2.11	0.7	1120	271.0034	0.241967	106.1967416	0.686549313
N_P_2_b	1.35G+1.5Q	-400.272	-556.706	-6.735	-21.154	-8.4105	-13.7701	-17.537	2	2.11	0.7	1120	271.0034	0.241967	106.1967416	0.129665937
N_P_2_t	G+0.3Q+Ex+0.3Ey	-327.481	-271.813	-295.183	-4.095	11.9809	8.5104	58.0905	2	2.11	0.7	1120	221.7204	0.197965	91.92797141	0.092576828
N_P_2_t	G+0.3Q+Ex-0.3Ey	-327.481	-45.372	-262.999	4.243	3.6861	10.736	54.4975	2	2.11	0.7	1120	221.7204	0.197965	91.92797141	0.116780717
N_P_2_t	G+0.3Q-Ey-0.3Ex	-327.481	-383.149	316.941	1.947	-5.6114	-3.8054	-103.1144	2	2.11	0.7	1120	221.7204	0.197965	91.92797141	0.041395453
N_P_2_t	G+0.3Q-Ey+0.3Ex	-327.481	-571.867	285.284	-5.939	2.2242	-6.4822	-98.4721	2	2.11	0.7	1120	221.7204	0.197965	91.92797141	0.070513902
N_P_2_t	G+0.3Q+Ex+0.3Ey	-327.481	-597.003	-128.953	-13.941	17.7076	0.1401	8.7096	2							

N_P_5_b	G+0.3Q+Ey+0.3Ex	-306.893	-509.819	-44.178	-4.098	-18.253	10.0828	16.5441	0.7	2.15	0.7	1120	203.9156	0.182068	87.85621415	0.11476479
N_P_5_b	G+0.3Q+Ey-0.3Ex	-306.893	-433.194	112.805	-5.247	-23.6653	9.0858	59.5434	0.7	2.15	0.7	1120	203.9156	0.182068	87.85621415	0.103416703
N_P_5_b	G+0.3Q-Ey-0.3Ex	-306.893	-103.968	55.232	4.32	15.2399	-0.0117	-3.0584	0.7	2.15	0.7	1120	203.9156	0.182068	87.85621415	0.02289764
N_P_5_b	G+0.3Q-Ey+0.3Ex	-306.893	-180.593	-101.751	5.468	20.6522	-1.0147	-46.0577	0.7	2.15	0.7	1120	203.9156	0.182068	87.85621415	0.011549553
N_P_5_b	1.35G+1.5Q	-306.893	-413.373	6.318	0.651	-2.3913	5.886	9.8878	0.7	2.15	0.7	1120	203.9156	0.182068	87.85621415	0.06699583
N_P_5_t	G+0.3Q+E+0.3Ey	-269.549	-484.844	-221.407	1.224	2.856	6.5986	122.7697	0.7	2.15	0.7	1120	179.1023	0.159913	79.25563351	0.083257173
N_P_5_t	G+0.3Q+E+0.3Ey	-269.549	-369.532	-245.11	0.929	11.1208	2.4533	97.0948	0.7	2.15	0.7	1120	179.1023	0.159913	79.25563351	0.030954266
N_P_5_t	G+0.3Q-E+0.3Ey	-269.549	-54.254	224.91	-0.294	-3.6957	0.7423	-104.8185	0.7	2.15	0.7	1120	179.1023	0.159913	79.25563351	0.009658266
N_P_5_t	G+0.3Q-E+0.3Ey	-269.549	-130.225	245.146	0.396	-12.1308	4.0266	-77.3476	0.7	2.15	0.7	1120	179.1023	0.159913	79.25563351	0.050805221
N_P_5_t	G+0.3Q+Ey+0.3Ex	-269.549	-449.361	-34.504	1.738	-12.2303	9.5301	84.778	0.7	2.15	0.7	1120	179.1023	0.159913	79.25563351	0.12024508
N_P_5_t	G+0.3Q+Ey-0.3Ex	-269.549	-342.975	105.462	1.49	-16.7264	8.7585	24.7428	0.7	2.15	0.7	1120	179.1023	0.159913	79.25563351	0.110509495
N_P_5_t	G+0.3Q-Ey-0.3Ex	-269.549	-89.737	38.007	-0.808	11.3907	-2.1893	-66.8268	0.7	2.15	0.7	1120	179.1023	0.159913	79.25563351	0.027623273
N_P_5_t	G+0.3Q-Ey+0.3Ex	-269.549	-196.123	-101.959	-0.559	15.8868	-1.4177	-6.7916	0.7	2.15	0.7	1120	179.1023	0.159913	79.25563351	0.017887687
N_P_5_t	1.35G+1.5Q	-269.549	-357.012	0.751	1.296	-0.7295	4.8505	15.3965	0.7	2.15	0.7	1120	179.1023	0.159913	79.25563351	0.061200697
N_P_6_b	G+0.3Q+E+0.3Ey	-283.202	-254.503	-287.247	-2.934	9.4878	9.0226	-86.8372	0.7	2.11	0.7	1120	191.7414	0.171198	82.15146913	0.109828833
N_P_6_b	G+0.3Q+E+0.3Ey	-283.202	-66.623	-245.383	-0.45	3.9882	8.8349	-67.4891	0.7	2.11	0.7	1120	191.7414	0.171198	82.15146913	0.107544029
N_P_6_b	G+0.3Q-E+0.3Ey	-283.202	-311.901	282.394	2.317	-6.5618	-3.3241	-48.1388	0.7	2.11	0.7	1120	191.7414	0.171198	82.15146913	0.040463062
N_P_6_b	G+0.3Q-E+0.3Ey	-283.202	-466.21	243.895	0.609	-1.3127	-4.0272	30.636	0.7	2.11	0.7	1120	191.7414	0.171198	82.15146913	0.049021643
N_P_6_b	G+0.3Q+Ey+0.3Ex	-283.202	-508.628	-146.262	-3.686	11.8316	3.6349	-66.1414	0.7	2.11	0.7	1120	191.7414	0.171198	82.15146913	0.054246318
N_P_6_b	G+0.3Q+Ey-0.3Ex	-283.202	-572.14	13.081	-2.623	8.5915	-0.28	-30.8994	0.7	2.11	0.7	1120	191.7414	0.171198	82.15146913	0.004803838
N_P_6_b	G+0.3Q-Ey-0.3Ex	-283.202	-57.776	141.408	3.069	-8.9056	2.0635	27.443	0.7	2.11	0.7	1120	191.7414	0.171198	82.15146913	0.025118236
N_P_6_b	G+0.3Q-Ey+0.3Ex	-283.202	5.736	-17.934	2.006	-5.6654	5.9784	-7.799	0.7	2.11	0.7	1120	191.7414	0.171198	82.15146913	0.072772892
N_P_6_b	1.35G+1.5Q	-283.202	-382.349	-1.028	0.606	1.9604	3.9078	-28.2466	0.7	2.11	0.7	1120	191.7414	0.171198	82.15146913	0.04756823
N_P_6_t	G+0.3Q+E+0.3Ey	-246.28	-142.666	-253.975	-2.586	1.7648	8.9237	83.5093	0.7	2.11	0.7	1120	166.7434	0.148878	73.36501117	0.133901704
N_P_6_t	G+0.3Q+E+0.3Ey	-246.28	24.558	-210.377	-2.514	-0.0266	9.6781	84.2197	0.7	2.11	0.7	1120	166.7434	0.148878	73.36501117	0.131917107
N_P_6_t	G+0.3Q-E+0.3Ey	-246.28	-349.894	258.509	0.293	-3.0715	-3.1222	-131.8149	0.7	2.11	0.7	1120	166.7434	0.148878	73.36501117	0.042557071
N_P_6_t	G+0.3Q-E+0.3Ey	-246.28	-486.998	217.548	1.315	-0.8931	-4.6547	-130.1231	0.7	2.11	0.7	1120	166.7434	0.148878	73.36501117	0.063445775
N_P_6_t	G+0.3Q+Ey+0.3Ex	-246.28	-423.137	-136.73	-0.028	3.3759	2.9683	10.7117	0.7	2.11	0.7	1120	166.7434	0.148878	73.36501117	0.040459341
N_P_6_t	G+0.3Q+Ey-0.3Ex	-246.28	-526.437	4.727	1.143	2.5785	-1.3751	-53.378	0.7	2.11	0.7	1120	166.7434	0.148878	73.36501117	0.018743267
N_P_6_t	G+0.3Q-Ey-0.3Ex	-246.28	-69.423	141.264	-2.265	-4.6826	3.7332	-59.0173	0.7	2.11	0.7	1120	166.7434	0.148878	73.36501117	0.050885292
N_P_6_t	G+0.3Q-Ey+0.3Ex	-246.28	33.877	-0.193	-3.436	-3.8852	8.0767	5.0724	0.7	2.11	0.7	1120	166.7434	0.148878	73.36501117	0.110089263
N_P_6_t	1.35G+1.5Q	-246.28	-329.559	5.082	-0.05	-0.2428	3.4882	-34.9818	0.7	2.11	0.7	1120	166.7434	0.148878	73.36501117	0.047545825
N_P_7_b	G+0.3Q+E+0.3Ey	-190.09	-203.64	-152.441	5.391	17.9244	0.8696	-83.7959	2	2.15	0.7	1120	126.3056	0.112773	59.02854981	0.104731854
N_P_7_b	G+0.3Q+E+0.3Ey	-190.09	-138.03	-168.955	4.092	31.8632	-3.4846	-105.7857	2	2.15	0.7	1120	126.3056	0.112773	59.02854981	0.059032451
N_P_7_b	G+0.3Q-E+0.3Ey	-190.09	-176.539	157.151	-5.403	-13.9081	2.7282	84.8285	2	2.15	0.7	1120	126.3056	0.112773	59.02854981	0.046218313
N_P_7_b	G+0.3Q-E+0.3Ey	-190.09	-204.856	171.788	-3.739	-29.8066	6.1479	-108.2149	2	2.15	0.7	1120	126.3056	0.112773	59.02854981	0.104512927
N_P_7_b	G+0.3Q+Ey+0.3Ex	-190.09	-237.101	-21.885	4.136	-17.3298	6.7068	10.6921	2	2.15	0.7	1120	126.3056	0.112773	59.02854981	0.113619596
N_P_7_b	G+0.3Q+Ey-0.3Ex	-190.09	-237.466	75.384	1.397	-31.6491	8.2903	68.2954	2	2.15	0.7	1120	126.3056	0.112773	59.02854981	0.140445598
N_P_7_b	G+0.3Q-Ey-0.3Ex	-190.09	-143.078	26.595	-4.148	21.3461	-3.109	-6.9595	2	2.15	0.7	1120	126.3056	0.112773	59.02854981	0.052669429
N_P_7_b	G+0.3Q-Ey+0.3Ex	-190.09	-142.713	-70.674	-1.409	35.6654	-4.6925	-67.2628	2	2.15	0.7	1120	126.3056	0.112773	59.02854981	0.079495431
N_P_7_b	1.35G+1.5Q	-190.09	-236.141	2.842	0.525	0.4621	1.2573	2.5509	2	2.15	0.7	1120	126.3056	0.112773	59.02854981	0.021299863
N_P_7_t	G+0.3Q+E+0.3Ey	-106.433	-179.16	-79.837	-1.269	10.0568	-2.5284	106.6059	2	2.15	0.7	1120	70.7196	0.063143	34.89939396	0.075448249
N_P_7_t	G+0.3Q+E+0.3Ey	-106.433	-140.306	-105.537	-4.888	19.2248	-1.9259	100.6863	2	2.15	0.7	1120	70.7196	0.063143	34.89939396	0.055184339
N_P_7_t	G+0.3Q-E+0.3Ey	-106.433	-33.707	78.438	1.635	-1.8377	6.4162	-88.7703	2	2.15	0.7	1120	70.7196	0.063143	34.89939396	0.183848965
N_P_7_t	G+0.3Q-E+0.3Ey	-106.433	-39.834	103.485	5.347	-13.8841	4.2156	-88.6236	2	2.15	0.7	1120	70.7196	0.063143	34.89939396	0.120792429
N_P_7_t	G+0.3Q+Ey+0.3Ex	-106.433	-137.544	13.547	5.377	-12.3766	-2.7354	46.03	2	2.15	0.7	1120	70.7196	0.063143	34.89939396	0.078379585
N_P_7_t	G+0.3Q+Ey-0.3Ex	-106.433	-95.746	68.544	7.362	-19.5589	-0.7123	-11.0388	2	2.15	0.7	1120	70.7196	0.063143	34.89939396	0.020410097
N_P_7_t	G+0.3Q-Ey-0.3Ex	-106.433	-75.323	-14.946	-5.011	20.5957	6.6233	-28.1944	2	2.15	0.7	1120	70.7196	0.063143	34.89939396	0.1899939396
N_P_7_t	G+0.3Q-Ey+0.3Ex	-106.433	-117.121	-69.943	-6.996	27.778	4.6001	28.8744	2	2.15	0.7	1120	70.7196	0.063143	34.89939396	0.131103712
N_P_7_t	1.35G+1.5Q	-106.433	-113.654	-0.161	0.252	2.8282	0.7029	11.6775	2	2.15	0.7	1120	70.7196	0.063143	34.89939396	0.010204751
N_P_8_b	G+0.3Q+E+0.3Ey	-157.076	-188.014	-169.868	-2.527	5.9432	11.2883	-111.9931	2	2.11	0.7	1120	106.348	0.094954	49.75637535	0.226871429
N_P_8_b	G+0.3Q+E+0.3Ey	-157.076	-70.943	-139.351	4.646	10.0173	13.3527	-100.974	2	2.11	0.7	1120	106.348	0.094954	49.75637535	0.26831519
N_P_8_b	G+0.3Q-E+0.3Ey	-157.076	-126.138	173.868	2.939	-5.867	-1.6176	78.5083	2	2.11	0.7	1120	106.348	0.094954	49.75637535	0.032510407
N_P_8_b	G+0.3Q-E+0.3Ey	-157.076	-225.064	143.282	-3.962	-10.6636	-7.5641	78.1628	2	2.11	0.7	1120	106.348	0.094954	49.75637535	0.15202273
N_P_8_b	G+0.3Q+Ey+0.3Ex	-157.076	-316.395	-95.949	-11.08	-5.4652	-2.2477	-45.8417	2	2.11	0.7	1120	106.348	0.094954	49.75637535	0.045174111
N_P_8_b	G+0.3Q+Ey-0.3Ex	-157.076	-327.51	-2.004	-11.51	-10.4473	-7.9034	11.2051	2	2.11	0.7	1120	106.348	0.094954	49.75637535	0.158841936
N_P_8_b	G+0.3Q-Ey-0.3Ex	-157.076	2.244	99.949	11.491	5.5414	11.9184	12.3569	2	2.11	0.7	1120	106.348	0.094954	49.75637535	0.239535133
N_P_8_b	G+0.3Q-Ey+0.3Ex	-157.076	13.359	6.004	11.922	10.5235	17.5741	-44.6898	2	2.11	0.7	1120	106.348	0.094954	49.75637535	0.353202979
N_P_8_b	1.35G+1.5Q	-157.076	-211.002	1.249	1.383	-0.3965	1.7336	-16.909	2	2.11	0.7	1120	106.348	0.094954	49.75637535	0.034841766
N_P_8_t	G+0.3Q+E+0.3Ey	-84.464	-16.047	-96.778	8.152	-3.4163	3.8309	71.2268	2	2.11	0.7	1120	57.18619	0.051059	28.05297056	0.136559513
N_P_8_t	G+0.3Q+E+0.3Ey	-84.464	32.276	-65.526	7.949	9.1463	-3.2837	79.2027	2	2.11	0.7	1120	57.18619	0.051059	28.05297056	0.117053557
N_P_8_t	G+0.3Q-E+0.3Ey	-84.464	-152.881	100.342	-2.448	10.0931	-0.6154	-112.942	2	2.11	0.7	1120	57.18619	0.		

V_P_2_b	G+0.3Q-Ex-0.3Ey	-314.372	-3.063	-254.84	-19.394	4.9518	-17.9409	-328.5096	3	1.55	0.7	1110	289.7438	0.26103	81.30896943	0.220650933
V_P_2_b	G+0.3Q-Ex+0.3Ey	-314.372	210.741	-310.63	18.574	-13.336	23.1687	-341.5513	3	1.55	0.7	1110	289.7438	0.26103	81.30896943	0.284946423
V_P_2_b	G+0.3Q+Ey+0.3Ex	-314.372	-83.495	-3.983	51.668	-23.4772	61.3476	77.9055	3	1.55	0.7	1110	289.7438	0.26103	81.30896943	0.754499786
V_P_2_b	G+0.3Q+Ey-0.3Ex	-314.372	167.432	-175.553	56.837	-28.6439	65.8625	-122.7124	3	1.55	0.7	1110	289.7438	0.26103	81.30896943	0.810027485
V_P_2_b	G+0.3Q-Ey-0.3Ex	-314.372	-545.25	10.412	-69.72	32.3154	-17.1694	-79.2399	3	1.55	0.7	1110	289.7438	0.26103	81.30896943	0.875295807
V_P_2_b	G+0.3Q-Ey+0.3Ex	-314.372	796.177	181.982	-74.89	37.4821	-75.6842	121.378	3	1.55	0.7	1110	289.7438	0.26103	81.30896943	0.930822276
V_P_2_b	1.35G+1.5Q	-314.372	-453.081	5.547	-16.531	7.8676	-10.3987	-5.8459	3	1.55	0.7	1110	289.7438	0.26103	81.30896943	0.127891179
V_P_2_t	G+0.3Q+Ex+0.3Ey	-256.037	-171.924	245.318	-3.229	-1.1459	-5.8843	-158.1665	3	1.55	0.7	1110	235.9788	0.212594	70.56181795	0.083392126
V_P_2_t	G+0.3Q+Ex-0.3Ey	-256.037	-161.57	303.863	5.125	3.6587	-4.4503	-170.4109	3	1.55	0.7	1110	235.9788	0.212594	70.56181795	0.06306952
V_P_2_t	G+0.3Q-Ex-0.3Ey	-256.037	-340.15	-265.549	4.982	1.6219	6.0159	-176.9374	3	1.55	0.7	1110	235.9788	0.212594	70.56181795	0.085257157
V_P_2_t	G+0.3Q-Ex+0.3Ey	-256.037	-318.804	-323.236	-3.524	-3.1857	5.2412	189.929	3	1.55	0.7	1110	235.9788	0.212594	70.56181795	0.074278132
V_P_2_t	G+0.3Q+Ey+0.3Ex	-256.037	-198.43	-20.978	-13.255	-7.4688	-2.8941	-21.1762	3	1.55	0.7	1110	235.9788	0.212594	70.56181795	0.00410151
V_P_2_t	G+0.3Q+Ey-0.3Ex	-256.037	-242.494	-191.544	-13.344	-8.0807	0.4436	83.2525	3	1.55	0.7	1110	235.9788	0.212594	70.56181795	0.006286686
V_P_2_t	G+0.3Q-Ey-0.3Ex	-256.037	-313.644	0.747	15.008	7.9448	3.0256	39.947	3	1.55	0.7	1110	235.9788	0.212594	70.56181795	0.004287714
V_P_2_t	G+0.3Q-Ey+0.3Ex	-256.037	-269.58	171.314	15.097	8.5567	-0.312	-64.4817	3	1.55	0.7	1110	235.9788	0.212594	70.56181795	0.004241655
V_P_2_t	1.35G+1.5Q	-256.037	-349.316	-14.108	0.982	0.438	2.4199	17.9992	3	1.55	0.7	1110	235.9788	0.212594	70.56181795	0.034294751
V_P_3_b	G+0.3Q+Ex+0.3Ey	-366.704	-338.342	256.37	8.461	-0.8244	8.2413	453.3639	3	1.63	0.7	1110	321.3883	0.289539	91.18511563	0.090379882
V_P_3_b	G+0.3Q+Ex-0.3Ey	-366.704	-343.914	275.585	-10.781	0.3728	-16.2041	490.9069	3	1.63	0.7	1110	321.3883	0.289539	91.18511563	0.177705538
V_P_3_b	G+0.3Q-Ex-0.3Ey	-366.704	-395.065	-257.385	-9.863	-0.5654	-11.1943	-454.1304	3	1.63	0.7	1110	321.3883	0.289539	91.18511563	0.122764553
V_P_3_b	G+0.3Q-Ex+0.3Ey	-366.704	-352.967	-275.953	9.425	-1.6022	13.4046	-491.0942	3	1.63	0.7	1110	321.3883	0.289539	91.18511563	0.147004255
V_P_3_b	G+0.3Q+Ey+0.3Ex	-366.704	-294.345	48.394	31.301	-2.3063	38.7471	79.6791	3	1.63	0.7	1110	321.3883	0.289539	91.18511563	0.424927903
V_P_3_b	G+0.3Q+Ey-0.3Ex	-366.704	-298.732	-111.303	31.59	-2.5396	40.2961	-203.6584	3	1.63	0.7	1110	321.3883	0.289539	91.18511563	0.449195325
V_P_3_b	G+0.3Q-Ey-0.3Ex	-366.704	-439.062	-49.409	-32.703	0.9165	-41.7001	-80.4455	3	1.63	0.7	1110	321.3883	0.289539	91.18511563	0.457312575
V_P_3_b	G+0.3Q-Ey+0.3Ex	-366.704	-434.675	110.288	-32.993	1.1498	-43.2491	202.8919	3	1.63	0.7	1110	321.3883	0.289539	91.18511563	0.474299996
V_P_3_b	1.35G+1.5Q	-366.704	-516.988	0.316	-1.188	-0.7617	-2.3464	0.1129	3	1.63	0.7	1110	321.3883	0.289539	91.18511563	0.02573227
V_P_3_t	G+0.3Q+Ex+0.3Ey	-296.144	-267.782	216.149	-3.606	-0.8244	0.9586	-255.4151	3	1.63	0.7	1110	259.5478	0.233827	79.41415705	0.012070896
V_P_3_t	G+0.3Q+Ex-0.3Ey	-296.144	-273.354	235.364	1.285	0.3728	-1.9606	-275.516	3	1.63	0.7	1110	259.5478	0.233827	79.41415705	0.024688293
V_P_3_t	G+0.3Q-Ex-0.3Ey	-296.144	-324.505	-217.164	2.203	-0.5654	0.2956	257.6929	3	1.63	0.7	1110	259.5478	0.233827	79.41415705	0.003722258
V_P_3_t	G+0.3Q-Ex+0.3Ey	-296.144	-282.407	-235.732	-2.641	-1.6022	3.2888	276.6336	3	1.63	0.7	1110	259.5478	0.233827	79.41415705	0.040657738
V_P_3_t	G+0.3Q+Ey+0.3Ex	-296.144	-223.785	36.328	-8.92	-2.3063	5.1753	-47.4039	3	1.63	0.7	1110	259.5478	0.233827	79.41415705	0.065168481
V_P_3_t	G+0.3Q+Ey-0.3Ex	-296.144	-228.172	-99.237	-8.63	-2.5396	5.8563	112.1507	3	1.63	0.7	1110	259.5478	0.233827	79.41415705	0.073743778
V_P_3_t	G+0.3Q-Ey-0.3Ex	-296.144	-368.502	-37.343	7.517	0.9165	-3.921	-49.6818	3	1.63	0.7	1110	259.5478	0.233827	79.41415705	0.049374068
V_P_3_t	G+0.3Q-Ey+0.3Ex	-296.144	-364.115	98.222	7.228	1.1498	-4.6021	-109.8728	3	1.63	0.7	1110	259.5478	0.233827	79.41415705	0.057950625
V_P_3_t	1.35G+1.5Q	-296.144	-411.148	0.316	-1.188	-0.7617	1.2177	-0.8262	3	1.63	0.7	1110	259.5478	0.233827	79.41415705	0.015335338
V_P_4_b	G+0.3Q+Ex+0.3Ey	-239.484	44.614	163.748	-5.302	1.2205	-3.1075	177.6365	3	1.25	0.7	1110	273.696	0.246573	63.15180135	0.049206831
V_P_4_b	G+0.3Q+Ex-0.3Ey	-239.484	-65.786	151.38	-36.098	-5.2496	-28.2974	194.2075	3	1.25	0.7	1110	273.696	0.246573	63.15180135	0.0448085397
V_P_4_b	G+0.3Q-Ex-0.3Ey	-239.484	-523.582	-165.011	-33.015	-12.0568	-20.7444	-158.6436	3	1.25	0.7	1110	273.696	0.246573	63.15180135	0.028484692
V_P_4_b	G+0.3Q-Ex+0.3Ey	-239.484	-386.671	-152.848	0.157	-4.9051	6.0304	-176.7227	3	1.25	0.7	1110	273.696	0.246573	63.15180135	0.395495456
V_P_4_b	G+0.3Q+Ey+0.3Ex	-239.484	53.394	67.129	35.31	7.4202	31.328	32.5185	3	1.25	0.7	1110	273.696	0.246573	63.15180135	0.496074527
V_P_4_b	G+0.3Q+Ey-0.3Ex	-239.484	-75.991	-27.85	36.947	5.5826	34.0694	-73.7892	3	1.25	0.7	1110	273.696	0.246573	63.15180135	0.539484215
V_P_4_b	G+0.3Q-Ey-0.3Ex	-239.484	-532.363	-68.392	-73.627	-18.2566	-56.18	-13.5257	3	1.25	0.7	1110	273.696	0.246573	63.15180135	0.873767633
V_P_4_b	G+0.3Q-Ey+0.3Ex	-239.484	-402.978	26.587	-75.265	-16.4189	-59.9213	92.782	3	1.25	0.7	1110	273.696	0.246573	63.15180135	0.917175738
V_P_4_b	1.35G+1.5Q	-239.484	-331.445	-1.802	-26.564	-7.5203	-16.4647	12.3846	3	1.25	0.7	1110	273.696	0.246573	63.15180135	0.026616237
V_P_4_t	G+0.3Q+Ex+0.3Ey	-192.499	-358.175	189.556	0.634	0.015	7.0206	-107.0271	3	1.25	0.7	1110	219.9989	0.198197	54.02118513	0.129960126
V_P_4_t	G+0.3Q+Ex-0.3Ey	-192.499	-385.037	181.218	1.377	1.4067	8.5885	-108.8941	3	1.25	0.7	1110	219.9989	0.198197	54.02118513	0.158983924
V_P_4_t	G+0.3Q-Ex-0.3Ey	-192.499	-26.824	-157.755	0.643	-1.2406	-1.7822	74.6125	3	1.25	0.7	1110	219.9989	0.198197	54.02118513	0.032990761
V_P_4_t	G+0.3Q-Ex+0.3Ey	-192.499	27.347	-151.748	-0.154	-2.5095	-3.708	78.8768	3	1.25	0.7	1110	219.9989	0.198197	54.02118513	0.068639738
V_P_4_t	G+0.3Q+Ey+0.3Ex	-192.499	-160.043	77.107	-0.572	-2.349	1.0188	-36.9857	3	1.25	0.7	1110	219.9989	0.198197	54.02118513	0.018859268
V_P_4_t	G+0.3Q+Ey-0.3Ex	-192.499	-44.386	-25.284	-0.808	-3.1064	-2.1997	18.7854	3	1.25	0.7	1110	219.9989	0.198197	54.02118513	0.04071921
V_P_4_t	G+0.3Q-Ey+0.3Ex	-192.499	-224.956	-45.306	1.849	1.1234	4.2195	4.5711	3	1.25	0.7	1110	219.9989	0.198197	54.02118513	0.071808246
V_P_4_t	G+0.3Q-Ey-0.3Ex	-192.499	-340.612	57.085	2.085	1.8807	7.438	-51.2	3	1.25	0.7	1110	219.9989	0.198197	54.02118513	0.137686724
V_P_4_t	1.35G+1.5Q	-192.499	-257.052	20.507	0.835	-0.7625	3.6677	-21.4477	3	1.25	0.7	1110	219.9989	0.198197	54.02118513	0.067893734
V_P_5_b	G+0.3Q+Ex+0.3Ey	-152.211	-167.093	77.071	-4.556	-15.3563	-2.5453	43.1026	2.15	1.6	0.7	1120	135.9027	0.121342	46.80951168	0.054375701
V_P_5_b	G+0.3Q+Ex-0.3Ey	-152.211	-116.95	72.203	-8.985	-47.8721	1.7448	38.8385	2.15	1.6	0.7	1120	135.9027	0.121342	46.80951168	0.037274476
V_P_5_b	G+0.3Q-Ex-0.3Ey	-152.211	-137.328	-57.949	4.585	14.0351	2.4361	-32.1503	2.15	1.6	0.7	1120	135.9027	0.121342	46.80951168	0.052042842
V_P_5_b	G+0.3Q-Ex+0.3Ey	-152.211	-146.946	-61.735	8.052	46.7849	-1.9411	-29.4956	2.15	1.6	0.7	1120	135.9027	0.121342	46.80951168	0.041468068
V_P_5_b	G+0.3Q+Ey+0.3Ex	-152.211	-171.263	24.072	3.902	44.6012	-7.4406	20.7904	2.15	1.6	0.7	1120	135.9027	0.121342	46.80951168	0.158954873
V_P_5_b	G+0.3Q+Ey-0.3Ex	-152.211	-165.219	-17.57	7.684	63.2435	-7.2594	-0.9891	2.15	1.6	0.7	1120	135.9027	0.121342	46.80951168	0.155083865
V_P_5_b	G+0.3Q-Ey-0.3Ex	-152.211	-133.159	-4.95	-3.872	-45.9224	7.3314	-9.8381	2.15	1.6	0.7	1120	135.9027	0.121342	46.80951168	0.156622014
V_P_5_b	G+0.3Q-Ey+0.3Ex	-152.211	-139.203	36.692	-7.655	-64.5648	7.1501	11.9414	2.15	1.6	0.7	1120	135.9027	0.121342	46.80951168	0.15274887
V_P_5_b	1.35G+1.5Q	-152.211	-170.631	1.426	-1.614	-0.5899	-0.645	4.9597	2.15	1.6	0.7	1120	135.9027	0.121342	46.80951168	0.013779251
V_P_5_t	G+0.3Q+Ex+0.3Ey	-85.561	-71.764	20.667	-1.409	0.3193	7.3807	-32.395	2.15							



V_P_8_b	G+0.3Q+Ex+0.3Ey	-114.172	-144.706	37.784	-4.774	-8.2257	-7.4695	1.9891	2.15	1.65	0.7	1120	98.85022	0.088259	36.43334784	0.205018217
V_P_8_b	G+0.3Q+Ex-0.3Ey	-114.172	-102.603	40.414	3.104	-0.7402	-2.8646	-7.936	2.15	1.65	0.7	1120	98.85022	0.088259	36.43334784	0.078625769
V_P_8_b	G+0.3Q-Ex-0.3Ey	-114.172	-83.637	-30.186	0.951	5.1219	3.954	8.2236	2.15	1.65	0.7	1120	98.85022	0.088259	36.43334784	0.108526947
V_P_8_b	G+0.3Q-Ex+0.3Ey	-114.172	-95.149	-27.705	-7.1	-1.9528	-0.4968	19.1718	2.15	1.65	0.7	1120	98.85022	0.088259	36.43334784	0.013635859
V_P_8_b	G+0.3Q+Ey+0.3Ex	-114.172	-140.791	17.756	-14.98	-14.2841	-10.2216	20.776	2.15	1.65	0.7	1120	98.85022	0.088259	36.43334784	0.280556155
V_P_8_b	G+0.3Q+Ey-0.3Ex	-114.172	-125.923	-1.89	-15.678	-12.4022	-8.1297	25.9309	2.15	1.65	0.7	1120	98.85022	0.088259	36.43334784	0.223138978
V_P_8_b	G+0.3Q-Ey-0.3Ex	-114.172	-87.552	-10.158	11.157	11.1802	6.7061	-10.5634	2.15	1.65	0.7	1120	98.85022	0.088259	36.43334784	0.184064886
V_P_8_b	G+0.3Q-Ey+0.3Ex	-114.172	-102.42	9.489	11.855	9.2983	4.6142	-15.7182	2.15	1.65	0.7	1120	98.85022	0.088259	36.43334784	0.126647708
V_P_8_b	1.35G+1.5Q	-114.172	-128.588	13.617	-3.275	-1.8066	-2.6178	10.0652	2.15	1.65	0.7	1120	98.85022	0.088259	36.43334784	0.071851755
V_P_8_t	G+0.3Q+Ex+0.3Ey	-79.128	-96.522	-10.188	-1.764	-4.5079	2.0403	0.9152	2.15	1.65	0.7	1120	68.50909	0.061169	26.00074145	0.078470839
V_P_8_t	G+0.3Q+Ex-0.3Ey	-79.128	-60.489	-16.722	5.811	17.0511	-13.4112	-0.2339	2.15	1.65	0.7	1120	68.50909	0.061169	26.00074145	0.515800675
V_P_8_t	G+0.3Q-Ex-0.3Ey	-79.128	-61.734	22.11	7.793	7.631	-7.9219	2.8408	2.15	1.65	0.7	1120	68.50909	0.061169	26.00074145	0.304679773
V_P_8_t	G+0.3Q-Ex+0.3Ey	-79.128	-64.832	33.569	-1.712	-15.0911	9.9406	-6.5769	2.15	1.65	0.7	1120	68.50909	0.061169	26.00074145	0.382319866
V_P_8_t	G+0.3Q+Ey+0.3Ex	-79.128	-89.045	18.496	-12.835	-34.7212	25.6451	-12.6944	2.15	1.65	0.7	1120	68.50909	0.061169	26.00074145	0.986321873
V_P_8_t	G+0.3Q+Ey-0.3Ex	-79.128	-79.538	31.623	-12.819	-37.8961	28.0151	-14.942	2.15	1.65	0.7	1120	68.50909	0.061169	26.00074145	1.077473119
V_P_8_t	G+0.3Q-Ey-0.3Ex	-79.128	-69.211	-6.573	18.864	37.8442	-31.5267	16.4503	2.15	1.65	0.7	1120	68.50909	0.061169	26.00074145	1.212530806
V_P_8_t	G+0.3Q-Ey+0.3Ex	-79.128	-78.718	-19.7	18.849	41.0192	-33.8967	18.6979	2.15	1.65	0.7	1120	68.50909	0.061169	26.00074145	1.303682053
V_P_8_t	1.35G+1.5Q	-79.128	-71.003	16.688	1.474	0.4711	-0.6283	-13.7539	2.15	1.65	0.7	1120	68.50909	0.061169	26.00074145	0.024164695









ΕΛΕΓΧΟΣ ΥΠΕΡΘΥΡΩΝ ΕΚΤΟΣ ΕΠΙΠΕΔΟΥ ΠΕΡΙ ΚΑΤΑΚΟΡΥΦΟ ΑΞΟΝΑ													
Αποτελέσματα ανάλυσης							Γεωμετρικά στοιχεία			Κάμψη εκτός επιπέδου		Έλεγχος σε κάμψη	
Διατομή	Συνδυασμός δράσεων	P (KN)	V2 (KN)	V3 (KN)	T (KNm)	M2 (KNm)	M3 (KNm)	H (m)	L (m)	t (m)	fwd,t (KPa)		Mrd (KNm)
A_SP_1_l	G+0.3Q+Ex+0.3Ey	-71.142	-119.162	-4.434	-40.1434	10.9625	-101.8072	2.27	1.35	0.7	162	30.0321	0.365026089
A_SP_1_l	G+0.3Q+Ex+0.3Ey	5.289	-16.613	12.981	-41.4317	13.9067	43.2215	2.27	1.35	0.7	162	30.0321	0.463061191
A_SP_1_l	G+0.3Q-Ex-0.3Ey	45.348	46.87	0.031	41.809	-7.1911	72.8204	2.27	1.35	0.7	162	30.0321	0.239447125
A_SP_1_l	G+0.3Q-Ex+0.3Ey	-22.351	-59.76	-16.545	42.7884	-10.1446	-72.1292	2.27	1.35	0.7	162	30.0321	0.337791896
A_SP_1_l	G+0.3Q+Ey+0.3Ex	-133.047	-222.773	-28.011	-9.9746	0.1294	-260.5278	2.27	1.35	0.7	162	30.0321	0.004308723
A_SP_1_l	G+0.3Q+Ey-0.3Ex	-118.41	-204.952	-31.645	14.9049	-6.2028	-251.6245	2.27	1.35	0.7	162	30.0321	0.206539003
A_SP_1_l	G+0.3Q-Ey-0.3Ex	107.253	150.481	23.609	11.6402	3.642	231.5411	2.27	1.35	0.7	162	30.0321	0.121270241
A_SP_1_l	G+0.3Q-Ey+0.3Ex	92.616	132.66	27.242	-13.2394	9.9742	222.6377	2.27	1.35	0.7	162	30.0321	0.332117967
A_SP_1_l	1.35G+1.5Q	-5.524	-68.788	-2.561	1.0337	2.6711	-23.7582	2.27	1.35	0.7	162	30.0321	0.088941499
A_SP_1_r	G+0.3Q+Ex+0.3Ey	-109.573	-103.247	24.689	-40.3679	-5.1466	11.8424	2.27	1.35	0.7	162	30.0321	0.171369967
A_SP_1_r	G+0.3Q+Ex-0.3Ey	18.092	41.604	25.925	-43.901	-7.3612	35.2377	2.27	1.35	0.7	162	30.0321	0.245111064
A_SP_1_r	G+0.3Q-Ey-0.3Ex	76.025	98.165	-22.901	43.6253	7.8428	-1.9244	2.27	1.35	0.7	162	30.0321	0.261147239
A_SP_1_r	G+0.3Q-Ey+0.3Ex	-43.391	-46.709	-24.02	46.6552	9.737	-22.9824	2.27	1.35	0.7	162	30.0321	0.324219752
A_SP_1_r	G+0.3Q+Ey+0.3Ex	-225.727	-252.477	6.336	-6.3749	2.2725	-24.914	2.27	1.35	0.7	162	30.0321	0.075669034
A_SP_1_r	G+0.3Q-Ey-0.3Ex	-205.872	-235.516	-8.277	19.732	6.7376	-35.3614	2.27	1.35	0.7	162	30.0321	0.224346616
A_SP_1_r	G+0.3Q-Ey+0.3Ex	192.178	247.395	-4.548	9.6323	0.4237	34.832	2.27	1.35	0.7	162	30.0321	0.014108238
A_SP_1_r	G+0.3Q-Ey+0.3Ex	172.323	230.434	10.065	-16.4746	-4.0414	45.2795	2.27	1.35	0.7	162	30.0321	0.134569344
A_SP_1_r	1.35G+1.5Q	-13.035	-6.584	1.361	1.9723	1.6972	12.7837	2.27	1.35	0.7	162	30.0321	0.056512865
A_SP_10_l	G+0.3Q+Ex+0.3Ey	-69.793	3.143	30.261	38.2865	27.2475	0.7747	1.25	1.35	0.7	162	16.5375	1.647619048
A_SP_10_l	G+0.3Q+Ex-0.3Ey	-20.348	23.437	28.311	38.0909	31.1734	17.5563	1.25	1.35	0.7	162	16.5375	1.88501285
A_SP_10_l	G+0.3Q-Ey-0.3Ex	59.793	-13.917	-30.074	-37.1749	-25.6521	-8.1667	1.25	1.35	0.7	162	16.5375	1.551147392
A_SP_10_l	G+0.3Q-Ey+0.3Ex	5.283	-36.016	-28.006	-37.9134	-29.8852	-17.6546	1.25	1.35	0.7	162	16.5375	1.807117158
A_SP_10_l	G+0.3Q+Ey+0.3Ex	-107.11	-36.344	12.281	10.755	2.3124	-16.7447	1.25	1.35	0.7	162	16.5375	0.139827664
A_SP_10_l	G+0.3Q+Ey-0.3Ex	84.587	-48.092	-5.199	-12.1049	-14.8274	-22.2735	1.25	1.35	0.7	162	16.5375	0.896592593
A_SP_10_l	G+0.3Q-Ey-0.3Ex	97.11	25.571	-12.094	-9.6435	-0.717	9.3528	1.25	1.35	0.7	162	16.5375	0.043356009
A_SP_10_l	G+0.3Q-Ey+0.3Ex	74.587	37.318	5.386	13.2165	16.4228	14.8816	1.25	1.35	0.7	162	16.5375	0.993064248
A_SP_10_l	1.35G+1.5Q	-17.657	-8.994	0.333	-0.606	0.7145	6.4103	1.25	1.35	0.7	162	16.5375	0.043204837
A_SP_10_r	G+0.3Q+Ex+0.3Ey	-65.147	30.312	45.748	38.2865	-24.0584	-21.8078	1.25	1.35	0.7	162	16.5375	1.454778534
A_SP_10_r	G+0.3Q+Ex-0.3Ey	-24.994	50.606	43.798	38.0909	-17.5007	-32.4227	1.25	1.35	0.7	162	16.5375	1.058243386
A_SP_10_r	G+0.3Q-Ey-0.3Ex	55.147	13.252	-45.561	-37.1749	25.4015	-7.7179	1.25	1.35	0.7	162	16.5375	1.535993953
A_SP_10_r	G+0.3Q-Ey+0.3Ex	9.929	-8.847	-43.492	-37.9134	18.3761	12.6275	1.25	1.35	0.7	162	16.5375	1.111177627
A_SP_10_r	G+0.3Q+Ey+0.3Ex	-91.623	-9.175	16.927	10.755	-17.4026	13.9808	1.25	1.35	0.7	162	16.5375	1.052311413
A_SP_10_r	G+0.3Q+Ey-0.3Ex	-69.101	-20.923	-9.845	-12.1049	-4.6723	24.3114	1.25	1.35	0.7	162	16.5375	0.282527589
A_SP_10_r	G+0.3Q-Ey-0.3Ex	81.623	52.739	-16.74	-9.6435	18.7457	-43.5066	1.25	1.35	0.7	162	16.5375	1.133526833
A_SP_10_r	G+0.3Q-Ey+0.3Ex	59.101	64.487	10.032	13.2165	6.0154	-53.8372	1.25	1.35	0.7	162	16.5375	0.363743008
A_SP_10_r	1.35G+1.5Q	-17.657	31.759	0.333	-0.606	0.2655	-8.9556	1.25	1.35	0.7	162	16.5375	0.016054422
A_SP_2_l	G+0.3Q+Ex+0.3Ey	-54.42	-74.712	22.85	-17.0425	6.4678	-17.6452	2.27	1.35	0.7	162	30.0321	0.215362895
A_SP_2_l	G+0.3Q+Ex-0.3Ey	-2.488	27.664	23.479	-17.8047	5.5496	39.5443	2.27	1.35	0.7	162	30.0321	0.114440882
A_SP_2_l	G+0.3Q-Ey-0.3Ex	43.509	6.25	-21.639	17.3851	-5.215	7.1885	2.27	1.35	0.7	162	30.0321	0.17364753
A_SP_2_l	G+0.3Q-Ey+0.3Ex	-7.002	-80.633	-22.331	-18.1187	-4.5174	-41.5779	2.27	1.35	0.7	162	30.0321	0.150419052
A_SP_2_l	G+0.3Q+Ey+0.3Ex	-96.752	-178.148	6.229	-3.8802	3.4369	-82.9158	2.27	1.35	0.7	162	30.0321	0.114440882
A_SP_2_l	G+0.3Q+Ey-0.3Ex	-82.527	-179.924	-7.325	6.6682	0.1414	-90.0956	2.27	1.35	0.7	162	30.0321	0.004708295
A_SP_2_l	G+0.3Q-Ey-0.3Ex	85.841	109.687	-5.019	4.2228	-2.1841	72.4591	2.27	1.35	0.7	162	30.0321	0.727272517
A_SP_2_l	G+0.3Q-Ey+0.3Ex	71.616	111.463	8.536	-6.3255	1.1115	79.6389	2.27	1.35	0.7	162	30.0321	0.037010399
A_SP_2_l	1.35G+1.5Q	-5.176	-30.569	0.942	0.3058	0.6557	4.7034	2.27	1.35	0.7	162	30.0321	0.021833305
A_SP_2_r	G+0.3Q+Ex+0.3Ey	-62.815	-37.432	6.876	-26.8009	-19.4627	47.4191	2.27	1.35	0.7	162	30.0321	0.648063239
A_SP_2_r	G+0.3Q+Ex-0.3Ey	7.076	71.38	7.952	-27.941	-21.4058	-14.1345	2.27	1.35	0.7	162	30.0321	0.712764009
A_SP_2_r	G+0.3Q-Ey-0.3Ex	42.709	38.329	-5.618	27.2468	19.0806	-16.9419	2.27	1.35	0.7	162	30.0321	0.635340186
A_SP_2_r	G+0.3Q-Ey+0.3Ex	-22.182	-51.082	-6.865	28.2586	20.944	32.439	2.27	1.35	0.7	162	30.0321	0.697387129
A_SP_2_r	G+0.3Q+Ey+0.3Ex	-124.3	-146.522	0.611	-6.3496	-3.1464	99.7871	2.27	1.35	0.7	162	30.0321	0.104767898
A_SP_2_r	G+0.3Q+Ey-0.3Ex	-112.111	-150.617	-3.511	10.1682	8.9756	95.2931	2.27	1.35	0.7	162	30.0321	0.298866879
A_SP_2_r	G+0.3Q-Ey-0.3Ex	104.195	147.418	0.647	6.7955	2.7643	-69.31	2.27	1.35	0.7	162	30.0321	0.092044845
A_SP_2_r	G+0.3Q-Ey+0.3Ex	92.005	151.513	4.769	-9.7223	-9.3577	-64.8159	2.27	1.35	0.7	162	30.0321	0.311589932
A_SP_2_r	1.35G+1.5Q	-6.656	33.977	0.846	0.2147	-0.538	4.4462	2.27	1.35	0.7	162	30.0321	0.017914165
A_SP_3_l	G+0.3Q+Ex+0.3Ey	-6.963	-22.895	-13.58	0.4838	-12.3262	-5.9031	1.27	1.35	0.7	162	16.8021	0.73361068
A_SP_3_l	G+0.3Q+Ex-0.3Ey	-29.442	17.958	-14.632	-0.3847	-14.0451	16.2484	1.27	1.35	0.7	162	16.8021	0.835913368
A_SP_3_l	G+0.3Q-Ey-0.3Ex	17.822	10.126	13.311	-0.7403	12.2291	1.9759	1.27	1.35	0.7	162	16.8021	0.72783164
A_SP_3_l	G+0.3Q-Ey+0.3Ex	34.182	-30.677	14.31	0.1713	13.8703	-20.3332	1.27	1.35	0.7	162	16.8021	0.825509906
A_SP_3_l	G+0.3Q+Ey+0.3Ex	26.524	-73.223	-2.653	1.4379	-1.2427	-36.981	1.27	1.35	0.7	162	16.8021	0.073960993
A_SP_3_l	G+0.3Q+Ey-0.3Ex	38.867	-75.557	5.714	1.3441	6.6162	-41.31	1.27	1.35	0.7	162	16.8021	0.393772207
A_SP_3_l	G+0.3Q-Ey-0.3Ex	-15.664	60.453	2.384	-1.6944	1.1456	33.0538	1.27	1.35	0.7	162	16.8021	0.068181953
A_SP_3_l	G+0.3Q-Ey+0.3Ex	-28.008	62.788	-5.983	-1.6006	-6.7133	37.3828	1.27	1.35	0.7	162	16.8021	0.399551247
A_SP_3_l	1.35G+1.5Q	-0.085	-10.873	-0.384	-0.156	-0.2862	-3.3162	1.27	1.35	0.7	162	16.8021	0.017035855
A_SP_3_r	G+0.3Q+Ex+0.3Ey	-21.317	-8.25	-5.122	-11.2632	-1.0783	11.6078	1.27	1.35	0.7	162	16.8021	0.0640176502
A_SP_3_r	G+0.3Q+Ex-0.3Ey	-5.948	35.815	-5.321	-12.1412	-1.9053	-11.717	1.27	1.35	0.7	162	16.8021	0.11339654
A_SP_3_r	G+0.3Q-Ey-0.3Ex	31.013	23.054	5.084	11.1867	1.2098	-14.645	1.27	1.35	0.7	162	16.8021	0.072002904
A_SP_3_r	G+0.3Q-Ey+0.3Ex	10.602	-18.16	5.272	12.0696	2.0057	6.9538	1.27	1.35	0.7	162	16.8021	0.119371983
A_SP_3_r	G+0.3Q+Ey+0.3Ex	-33.959	-59.803	-1.265	-2.0668	0.9297	35.1776	1.27	1.35	0.7	162	16.8021	0.055332369
A_SP_3_r	G+0.3Q+Ey-0.3Ex	-24.383	-62.776	1.854	4.9331	1.8549	33.7814	1.27	1.35	0.7	162	16.8021	0.110396915
A_SP_3_r	G+0.3Q-Ey-0.3Ex	43.656	74.607	1.227	1.9903	-0.7981	-38.2148	1.27	1.35	0.7	162	16.8021	0.047500015
A_SP_3_r	G+0.3Q-Ey+0.3Ex	34.08	77.58	-1.892	-5.0096	-1.7233	-36.8186	1.27	1.35	0.7	162	16.8021	0.10256456
A_SP_3_r	1.35G+1.5Q	0.94	19.345	-0.08	-0.0534	0.0546	-5.708	1.27	1.35	0.7	162	16.8021	0.003249594
A_SP_4_l	G+0.3Q+Ex+0.3Ey	-5.552	-30.344	-15.674	23.242	-16.081	8.4035	2.27	1.35	0.7	162	30.0321	0.535460391
A_SP_4_l	G+0.3Q+Ex-0.3Ey	-64.397	41.77	-16.017	22.1018	-16.8682	49.4807	2.27	1.35	0.7	162	30.0321	0.561672344
A_SP_4_l	G+0.3Q-Ey-0.3Ex	-9.445	36.251	15.568	-23.9777	16.3715	25.4181	2.27	1.35	0.7	162	30.0321	0.545133374
A_SP_4_l	G+0.3Q-Ey+0.3Ex	51.96	-54.601	15.879	-22.6524	17.0485	-27.2117	2.					

A_SP_4_r	G+0.3Q-Ex-0.3Ey	1.131	66.778	24.915	-14.9073	-5.9889	-29.4142	2.27	1.35	0.7	162	30.0321	0.199416624
A_SP_4_r	G+0.3Q-Ex+0.3Ey	47.732	-22.581	26.469	-13.0389	-6.3039	18.4944	2.27	1.35	0.7	162	30.0321	0.209905401
A_SP_4_r	G+0.3Q+Ey+0.3Ex	67.246	-107.079	-5.605	6.8042	1.8331	75.2875	2.27	1.35	0.7	162	30.0321	0.061038023
A_SP_4_r	G+0.3Q+Ey-0.3Ex	83.332	-116.196	10.036	-1.3481	-2.0921	74.8723	2.27	1.35	0.7	162	30.0321	0.069662128
A_SP_4_r	G+0.3Q-Ey+0.3Ex	-72.004	181.666	4.854	-7.5761	-1.0421	-84.8232	2.27	1.35	0.7	162	30.0321	0.034699538
A_SP_4_r	G+0.3Q-Ey-0.3Ex	-88.091	190.783	-10.787	0.5762	2.8831	-84.408	2.27	1.35	0.7	162	30.0321	0.096000613
A_SP_4_r	1.35G+1.5Q	-4.653	38.306	-0.546	-0.4213	0.4662	4.2229	2.27	1.35	0.7	162	30.0321	0.01552339
A_SP_5_l	G+0.3Q+Ex+0.3Ey	-3.558	-12.287	-26.515	44.2343	-12.6379	29.3391	2.27	1.35	0.7	162	30.0321	0.420813063
A_SP_5_l	G+0.3Q+Ex-0.3Ey	-112.473	134.483	-26.597	42.139	-11.3247	9.5717	2.27	1.35	0.7	162	30.0321	0.377086517
A_SP_5_l	G+0.3Q-Ex+0.3Ey	-30.546	27.115	23.578	-47.7224	14.8739	-11.9793	2.27	1.35	0.7	162	30.0321	0.495266731
A_SP_5_l	G+0.3Q-Ex-0.3Ey	86.857	-124.497	23.968	-45.1691	13.303	7.0495	2.27	1.35	0.7	162	30.0321	0.442959367
A_SP_5_l	G+0.3Q+Ey+0.3Ex	165.057	-228.44	-8.391	15.922	-5.3913	43.738	2.27	1.35	0.7	162	30.0321	0.179517916
A_SP_5_l	G+0.3Q+Ey-0.3Ex	192.181	-262.103	6.754	-10.899	2.3909	37.0511	2.27	1.35	0.7	162	30.0321	0.079611482
A_SP_5_l	G+0.3Q-Ey+0.3Ex	-199.162	243.268	5.454	-19.4101	7.6273	-26.3783	2.27	1.35	0.7	162	30.0321	0.253971584
A_SP_5_l	G+0.3Q-Ey-0.3Ex	-226.286	276.931	-9.691	7.411	-0.1549	-19.6914	2.27	1.35	0.7	162	30.0321	0.005157814
A_SP_5_l	1.35G+1.5Q	-13.272	5.378	-1.75	-2.1136	1.3595	13.3595	2.27	1.35	0.7	162	30.0321	0.04526823
A_SP_5_r	G+0.3Q+Ex+0.3Ey	-4.341	33.301	-30.039	40.4647	21.6131	11.1807	2.27	1.35	0.7	162	30.0321	0.719666623
A_SP_5_r	G+0.3Q+Ex-0.3Ey	-59.906	146.567	-21.902	39.2318	19.0571	-136.8969	2.27	1.35	0.7	162	30.0321	0.63455769
A_SP_5_r	G+0.3Q-Ex+0.3Ey	-18.398	47.327	30.118	-42.6522	-17.0298	-47.6231	2.27	1.35	0.7	162	30.0321	0.567053253
A_SP_5_r	G+0.3Q-Ex-0.3Ey	45.14	-66.337	22.08	-41.0995	-15.0473	102.968	2.27	1.35	0.7	162	30.0321	0.501040553
A_SP_5_r	G+0.3Q+Ey+0.3Ex	87.106	-134.18	-21.175	13.7287	11.095	218.9958	2.27	1.35	0.7	162	30.0321	0.369438035
A_SP_5_r	G+0.3Q+Ey-0.3Ex	101.95	-164.072	-5.539	-10.7406	0.0969	246.532	2.27	1.35	0.7	162	30.0321	0.003226548
A_SP_5_r	G+0.3Q-Ey+0.3Ex	-109.844	214.809	21.253	-15.9161	-6.5116	-255.4383	2.27	1.35	0.7	162	30.0321	0.216821335
A_SP_5_r	G+0.3Q-Ey-0.3Ex	-124.689	244.7	5.617	8.5532	4.4865	-282.9744	2.27	1.35	0.7	162	30.0321	0.149390153
A_SP_5_r	1.35G+1.5Q	-4.473	66.951	0.3	-1.3253	2.6015	-26.1969	2.27	1.35	0.7	162	30.0321	0.086623979
A_SP_6_l	G+0.3Q+Ex+0.3Ey	-43.493	-46.511	-50.418	-34.6982	-35.5585	-35.9605	1.25	1.35	0.7	162	16.5375	2.150173847
A_SP_6_l	G+0.3Q+Ex-0.3Ey	-91.874	-27.601	-49.416	-35.4316	-35.0893	-10.4163	1.25	1.35	0.7	162	16.5375	2.121801965
A_SP_6_l	G+0.3Q-Ey+0.3Ex	33.638	6.247	49.289	33.5709	34.2048	10.1701	1.25	1.35	0.7	162	16.5375	2.06831746
A_SP_6_l	G+0.3Q-Ey-0.3Ex	76.785	-12.086	48.508	35.2231	34.315	-7.2294	1.25	1.35	0.7	162	16.5375	2.074981104
A_SP_6_l	G+0.3Q+Ey+0.3Ex	48.942	-55.851	-16.706	-8.2983	-10.9742	-46.204	1.25	1.35	0.7	162	16.5375	0.66359486
A_SP_6_l	G+0.3Q+Ey-0.3Ex	85.025	-45.524	12.972	12.6781	9.9879	-37.5846	1.25	1.35	0.7	162	16.5375	0.603954649
A_SP_6_l	G+0.3Q-Ey+0.3Ex	-58.797	15.588	15.577	7.171	9.6205	20.4135	1.25	1.35	0.7	162	16.5375	0.581738473
A_SP_6_l	G+0.3Q-Ey-0.3Ex	-94.88	5.26	-14.101	-13.8054	-11.3416	11.7942	1.25	1.35	0.7	162	16.5375	0.685811036
A_SP_6_l	1.35G+1.5Q	-18.079	-31.042	-0.571	0.6715	-0.3912	-8.4297	1.25	1.35	0.7	162	16.5375	0.023655329
A_SP_6_r	G+0.3Q+Ex+0.3Ey	-38.847	-19.342	-34.932	-34.6982	22.0529	8.4899	1.25	1.35	0.7	162	16.5375	1.333508692
A_SP_6_r	G+0.3Q+Ex-0.3Ey	-96.52	-0.432	-33.929	-35.4316	21.1681	8.5056	1.25	1.35	0.7	162	16.5375	1.280006047
A_SP_6_r	G+0.3Q-Ey+0.3Ex	28.992	33.416	33.802	33.5709	-21.882	-16.6024	1.25	1.35	0.7	162	16.5375	1.323174603
A_SP_6_r	G+0.3Q-Ey-0.3Ex	81.431	15.082	33.021	35.2231	-20.717	-9.2517	1.25	1.35	0.7	162	16.5375	1.252728647
A_SP_6_r	G+0.3Q+Ey+0.3Ex	64.429	-28.682	-12.06	-8.2983	8.4427	10.8561	1.25	1.35	0.7	162	16.5375	0.510518519
A_SP_6_r	G+0.3Q+Ey-0.3Ex	100.512	-18.355	8.326	12.6781	-4.3883	5.5336	1.25	1.35	0.7	162	16.5375	0.265354497
A_SP_6_r	G+0.3Q-Ey+0.3Ex	-74.284	42.756	10.931	7.171	-8.2718	-18.9686	1.25	1.35	0.7	162	16.5375	0.500184429
A_SP_6_r	G+0.3Q-Ey-0.3Ex	-110.367	32.429	-9.455	-13.8054	4.5592	-13.6461	1.25	1.35	0.7	162	16.5375	0.275688587
A_SP_6_r	1.35G+1.5Q	-18.079	9.711	-0.571	0.6715	0.3799	5.9683	1.25	1.35	0.7	162	16.5375	0.022972033
A_SP_7_l	G+0.3Q+Ex+0.3Ey	-77.157	-51.009	-22.913	-28.8945	16.0638	-26.0371	1.25	1.35	0.7	162	16.5375	0.971356009
A_SP_7_l	G+0.3Q+Ex-0.3Ey	-95.452	-2.891	-22.884	-29.3482	14.7638	17.8911	1.25	1.35	0.7	162	16.5375	0.892746788
A_SP_7_l	G+0.3Q-Ey+0.3Ex	42.864	-12.271	22.64	27.8033	-15.9405	1.5256	1.25	1.35	0.7	162	16.5375	0.963900227
A_SP_7_l	G+0.3Q-Ey-0.3Ex	63.078	-43.742	22.754	28.6585	-14.5479	-31.3119	1.25	1.35	0.7	162	16.5375	0.87969161
A_SP_7_l	G+0.3Q+Ey+0.3Ex	-4.492	-85.182	-6.797	-7.7531	6.9744	-66.1938	1.25	1.35	0.7	162	16.5375	0.421732426
A_SP_7_l	G+0.3Q+Ey-0.3Ex	37.579	-83.002	6.903	9.5128	-2.2091	-67.7762	1.25	1.35	0.7	162	16.5375	0.133581255
A_SP_7_l	G+0.3Q-Ey+0.3Ex	-29.802	21.902	6.524	6.6619	-6.8511	41.6823	1.25	1.35	0.7	162	16.5375	0.4144276644
A_SP_7_l	G+0.3Q-Ey-0.3Ex	-71.872	19.722	-7.176	-10.604	2.3324	43.2648	1.25	1.35	0.7	162	16.5375	0.141037037
A_SP_7_l	1.35G+1.5Q	-26.856	-22.871	0.005104	-0.1852	0.1419	-1.5738	1.25	1.35	0.7	162	16.5375	0.008580499
A_SP_7_r	G+0.3Q+Ex+0.3Ey	-72.511	-17.55	-7.426	-28.8945	36.5431	17.6929	1.25	1.35	0.7	162	16.5375	2.209711262
A_SP_7_r	G+0.3Q+Ex-0.3Ey	-100.098	24.278	-7.397	-29.3482	35.2039	3.4549	1.25	1.35	0.7	162	16.5375	2.12873167
A_SP_7_r	G+0.3Q-Ey+0.3Ex	38.217	21.188	7.154	27.8033	-36.0514	-7.0406	1.25	1.35	0.7	162	16.5375	2.179978836
A_SP_7_r	G+0.3Q-Ey-0.3Ex	67.724	-10.283	7.267	28.6585	-34.8121	2.608	1.25	1.35	0.7	162	16.5375	2.10504006
A_SP_7_r	G+0.3Q+Ey+0.3Ex	10.995	-51.723	-2.151	-7.7531	13.0146	23.6699	1.25	1.35	0.7	162	16.5375	0.786975057
A_SP_7_r	G+0.3Q+Ey-0.3Ex	53.065	-49.543	2.257	9.5128	-8.3919	19.1444	1.25	1.35	0.7	162	16.5375	0.507446712
A_SP_7_r	G+0.3Q-Ey+0.3Ex	-45.288	55.361	1.878	6.6619	-12.5229	-13.0176	1.25	1.35	0.7	162	16.5375	0.75724263
A_SP_7_r	G+0.3Q-Ey-0.3Ex	-87.359	53.181	-2.53	-10.604	8.8836	-8.4922	1.25	1.35	0.7	162	16.5375	0.537179138
A_SP_7_r	1.35G+1.5Q	-26.856	17.883	0.005104	-0.1852	0.1351	1.7932	1.25	1.35	0.7	162	16.5375	0.008169312
A_SP_8_l	G+0.3Q+Ex+0.3Ey	-103.392	-40.066	-9.882	0.1638	31.5691	-7.7338	1.25	1.35	0.7	162	16.5375	1.908940287
A_SP_8_l	G+0.3Q+Ex-0.3Ey	-86.67	15.043	-10.67	-0.2557	29.8067	19.8149	1.25	1.35	0.7	162	16.5375	1.80237037
A_SP_8_l	G+0.3Q-Ey+0.3Ex	43.398	-7.241	9.642	-0.4756	-31.3517	11.99	1.25	1.35	0.7	162	16.5375	1.895794407
A_SP_8_l	G+0.3Q-Ey-0.3Ex	39.374	-52.226	10.496	0.0713	-29.6687	-18.7261	1.25	1.35	0.7	162	16.5375	1.794025699
A_SP_8_l	G+0.3Q+Ey+0.3Ex	-58.119	-96.805	-1.752	0.7696	12.0993	-47.4165	1.25	1.35	0.7	162	16.5375	0.731628118
A_SP_8_l	G+0.3Q+Ey-0.3Ex	-15.289	-100.453	4.361	0.7418	-6.2721	-50.7142	1.25	1.35	0.7	162	16.5375	0.379265306
A_SP_8_l	G+0.3Q-Ey+0.3Ex	-1.875	49.497	1.512	-1.0813	-11.8818	51.6727	1.25	1.35	0.7	162	16.5375	0.71847619
A_SP_8_l	G+0.3Q-Ey-0.3Ex	-44.705	53.145	-4.602	-1.0536	6.4896	54.9704	1.25	1.35	0.7	162	16.5375	0.392417234
A_SP_8_l	1.35G+1.5Q	-30.09	-20.089	-0.098	-0.0123	-0.0339	-1.0023	1.25	1.35	0.7	162	16.5375	0.002049887
A_SP_8_r	G+0.3Q+Ex+0.3Ey	-98.746	34.022	5.605	0.1638	34.4557	15.3484	1.25	1.35	0.7	162	16.5375	2.08348904
A_SP_8_r	G+0.3Q+Ex-0.3Ey	-91.316	42.212	4.817	-0.2557	33.7571	-18.8318	1.25	1.35	0.7	162	16.5375	2.041245654
A_SP_8_r	G+0.3Q-Ey+0.3Ex	38.752	66.847	-5.845	-0.4756	-33.9141	-9.2413	1.25	1.35	0.7	162	16.5375	2.050739229
A_SP_8_r	G+0.3Q-Ey-0.3Ex	44.02	21.862	-4.99	0.0713	-33.3853	20.7724	1.25	1.35	0.7	162	16.5375	2.018763416
A_SP_8_r	G+0.3Q+Ey+0.3Ex	-42.632	-22.716	2.894	0.7696	11.3283	52.2627	1.25	1.35	0.7	162	16.5375	0.685006803
A_SP_8_r	G+0.3Q+Ey-0.3Ex	0.198	-26.364	-0.285	0.7418	-9.024	53.8899	1.25	1.35	0.7	162	16.5375	0.545668934
A_SP_8_r	G+0.3Q-Ey+0.3Ex	-17.362	123.586	-3.134	-1.0813	-10.7867	-46.1556	1.25	1.35	0.7	162	16.5375	0.652256992
A_SP_8_r	G+0.3Q-Ey-0.3Ex	-60.192	127.234	0.									



A_SP_9_r	G+0.3Q+Ex+0.3Ey	-88.266	32.577	20.842	26.4567	20.6954	-1.8108	1.25	1.35	0.7	162	16.5375	1.251422525
A_SP_9_r	G+0.3Q+Ex-0.3Ey	-63.572	43.402	19.516	25.9624	22.4013	-24.2018	1.25	1.35	0.7	162	16.5375	1.354575964
A_SP_9_r	G+0.3Q-Ex-0.3Ey	47.289	40.294	-21.053	-26.0191	-19.735	-21.1206	1.25	1.35	0.7	162	16.5375	1.19334845
A_SP_9_r	G+0.3Q-Ex+0.3Ey	27.67	7.903	-19.686	-25.7333	-21.654	11.5852	1.25	1.35	0.7	162	16.5375	1.309387755
A_SP_9_r	G+0.3Q+Ey+0.3Ex	-70.577	-13.849	8.252	8.5236	3.6342	41.0345	1.25	1.35	0.7	162	16.5375	0.219755102
A_SP_9_r	G+0.3Q+Ey-0.3Ex	-35.796	-21.251	-3.907	-7.1334	-9.0706	45.0533	1.25	1.35	0.7	162	16.5375	0.548486772
A_SP_9_r	G+0.3Q-Ey-0.3Ex	29.601	86.72	-8.463	-8.0861	-2.6738	-63.9659	1.25	1.35	0.7	162	16.5375	0.161681028
A_SP_9_r	G+0.3Q-Ey+0.3Ex	-5.18	94.122	3.696	7.5709	10.0311	-67.9847	1.25	1.35	0.7	162	16.5375	0.606566893
A_SP_9_r	1.35G+1.5Q	-26.967	22.704	-0.108	0.0172	0.3878	-1.6818	1.25	1.35	0.7	162	16.5375	0.023449735
D_SP_1_l	G+0.3Q+Ex+0.3Ey	74.715	-25.505	-17.229	-21.8436	15.4527	-10.8228	1.9	1.25	0.8	162	32.832	0.470659722
D_SP_1_l	G+0.3Q+Ex-0.3Ey	-1.488	-127.838	-21.942	-20.3892	12.5379	-66.9949	1.9	1.25	0.8	162	32.832	0.381880482
D_SP_1_l	G+0.3Q-Ex-0.3Ey	-93.677	-70.063	18.043	21.088	-13.4518	-13.9069	1.9	1.25	0.8	162	32.832	0.409716131
D_SP_1_l	G+0.3Q-Ex+0.3Ey	-17.281	34.296	22.869	19.6895	-10.7215	43.423	1.9	1.25	0.8	162	32.832	0.326556408
D_SP_1_l	G+0.3Q+Ey+0.3Ex	131.645	117.177	2.436	-8.9386	9.4772	75.0481	1.9	1.25	0.8	162	32.832	0.288657407
D_SP_1_l	G+0.3Q+Ey-0.3Ex	104.046	135.117	14.466	3.5214	1.6249	91.3219	1.9	1.25	0.8	162	32.832	0.04949135
D_SP_1_l	G+0.3Q-Ey-0.3Ex	-150.607	-212.745	-1.622	8.1829	-7.4763	-99.7779	1.9	1.25	0.8	162	32.832	0.227713816
D_SP_1_l	G+0.3Q-Ey+0.3Ex	-123.009	-230.686	-13.652	-4.277	0.3759	-116.0517	1.9	1.25	0.8	162	32.832	0.011449196
D_SP_1_l	1.35G+1.5Q	-17.901	-84.226	0.901	-0.3392	1.3201	-18.2161	1.9	1.25	0.8	162	32.832	0.040207724
D_SP_1_r	G+0.3Q+Ex+0.3Ey	81.265	43.995	52.728	-13.0964	-9.2567	-7.527	1.9	1.25	0.8	162	32.832	0.281941399
D_SP_1_r	G+0.3Q+Ex-0.3Ey	62.647	-62.434	56.361	-10.7667	-10.893	54.0595	1.9	1.25	0.8	162	32.832	0.331779971
D_SP_1_r	G+0.3Q-Ex-0.3Ey	-78.775	-37.936	-50.194	12.2259	10.2551	46.1537	1.9	1.25	0.8	162	32.832	0.312350755
D_SP_1_r	G+0.3Q-Ex+0.3Ey	-62.976	71.491	-54.605	9.8873	12.0587	-18.5659	1.9	1.25	0.8	162	32.832	0.367284966
D_SP_1_r	G+0.3Q+Ey+0.3Ex	49.212	181.282	10.014	-7.7806	0.3079	-86.8969	1.9	1.25	0.8	162	32.832	0.009378046
D_SP_1_r	G+0.3Q+Ey-0.3Ex	5.94	189.531	-22.186	-0.8855	6.7025	-90.2086	1.9	1.25	0.8	162	32.832	0.204145346
D_SP_1_r	G+0.3Q-Ey-0.3Ex	-46.723	-175.223	-7.48	6.9101	0.6905	125.5236	1.9	1.25	0.8	162	32.832	0.021031311
D_SP_1_r	G+0.3Q-Ey+0.3Ex	-3.451	-183.472	24.72	0.015	-5.7041	128.8352	1.9	1.25	0.8	162	32.832	0.173735989
D_SP_1_r	1.35G+1.5Q	-5.074	19.768	0.715	-0.514	1.1036	26.2382	1.9	1.25	0.8	162	32.832	0.033613548
D_SP_2_l	G+0.3Q+Ex+0.3Ey	76.567	16.834	5.243	-13.659	-22.3752	18.3868	1.25	1.25	0.8	162	21.6	1.035888889
D_SP_2_l	G+0.3Q+Ex-0.3Ey	63.078	-18.993	6.833	-11.0757	-20.5424	-3.3474	1.25	1.25	0.8	162	21.6	0.951037037
D_SP_2_l	G+0.3Q-Ex-0.3Ey	-37.886	-21.536	-4.845	14.206	21.8677	-2.7902	1.25	1.25	0.8	162	21.6	1.012393159
D_SP_2_l	G+0.3Q-Ex+0.3Ey	-18.675	-0.653	-6.524	11.4458	20.0427	8.7247	1.25	1.25	0.8	162	21.6	0.927902778
D_SP_2_l	G+0.3Q+Ey+0.3Ex	65.645	35.077	-0.835	-8.0926	-9.6581	28.4391	1.25	1.25	0.8	162	21.6	0.447134259
D_SP_2_l	G+0.3Q+Ey-0.3Ex	37.072	29.831	-4.365	-0.5611	3.0673	25.5404	1.25	1.25	0.8	162	21.6	0.14200463
D_SP_2_l	G+0.3Q-Ey-0.3Ex	-26.964	-39.779	1.234	8.6396	9.1506	-12.8425	1.25	1.25	0.8	162	21.6	0.423638889
D_SP_2_l	G+0.3Q-Ey+0.3Ex	1.609	-34.533	4.764	1.1082	-3.5748	-9.9438	1.25	1.25	0.8	162	21.6	0.1655
D_SP_2_l	1.35G+1.5Q	38.188	-26.895	0.263	0.2109	-0.2777	-3.9265	1.25	1.25	0.8	162	21.6	0.012856481
D_SP_2_r	G+0.3Q+Ex+0.3Ey	72.173	42.527	-9.403	-13.659	-19.7198	-19.5056	1.25	1.25	0.8	162	21.6	0.912953704
D_SP_2_r	G+0.3Q+Ex-0.3Ey	67.472	6.7	-7.813	-11.0757	-19.9165	4.4996	1.25	1.25	0.8	162	21.6	0.922060185
D_SP_2_r	G+0.3Q-Ex-0.3Ey	-33.493	4.157	9.801	14.206	18.7039	8.3031	1.25	1.25	0.8	162	21.6	0.865921296
D_SP_2_r	G+0.3Q-Ex+0.3Ey	-23.069	25.04	8.121	11.4458	19.0233	-6.8427	1.25	1.25	0.8	162	21.6	0.880708333
D_SP_2_r	G+0.3Q+Ey+0.3Ex	50.999	60.77	-5.229	-8.0926	-5.787	-32.7437	1.25	1.25	0.8	162	21.6	0.267916667
D_SP_2_r	G+0.3Q+Ey-0.3Ex	22.426	55.524	0.028	-0.5611	5.8359	-28.9449	1.25	1.25	0.8	162	21.6	0.270180556
D_SP_2_r	G+0.3Q-Ey-0.3Ex	-12.318	-14.086	5.627	8.6396	4.7711	21.5413	1.25	1.25	0.8	162	21.6	0.220884259
D_SP_2_r	G+0.3Q-Ey+0.3Ex	16.255	-8.84	0.37	1.1082	-6.8518	17.7424	1.25	1.25	0.8	162	21.6	0.317212963
D_SP_2_r	1.35G+1.5Q	38.188	11.644	0.243	0.2109	-0.5877	5.809	1.25	1.25	0.8	162	21.6	0.027208333
D_SP_3_l	G+0.3Q+Ex+0.3Ey	73.609	-24.401	-19.67	-36.3223	-31.5347	-4.413	1.25	1.25	0.8	162	21.6	1.459939815
D_SP_3_l	G+0.3Q+Ex-0.3Ey	39.841	-41.428	-16.384	-35.9487	-34.3944	-16.5137	1.25	1.25	0.8	162	21.6	1.592333333
D_SP_3_l	G+0.3Q-Ex-0.3Ey	-86.795	-31.037	20.543	36.3722	31.4914	-17.9258	1.25	1.25	0.8	162	21.6	1.457935185
D_SP_3_l	G+0.3Q-Ex+0.3Ey	-46.457	-8.192	16.96	35.8913	34.4981	-1.0421	1.25	1.25	0.8	162	21.6	1.597134259
D_SP_3_l	G+0.3Q+Ey+0.3Ex	78.647	7.924	-11.03	-11.6085	-4.9155	16.4645	1.25	1.25	0.8	162	21.6	0.227569444
D_SP_3_l	G+0.3Q+Ey-0.3Ex	42.628	12.787	-0.041	10.0556	14.8944	17.4758	1.25	1.25	0.8	162	21.6	0.689555556
D_SP_3_l	G+0.3Q-Ey-0.3Ex	-91.833	-63.362	11.903	11.6584	4.8721	-38.8034	1.25	1.25	0.8	162	21.6	0.225560185
D_SP_3_l	G+0.3Q-Ey+0.3Ex	-55.813	-68.225	0.914	-10.0057	-14.9377	-39.8146	1.25	1.25	0.8	162	21.6	0.5801560185
D_SP_3_l	1.35G+1.5Q	-5.509	-33.703	0.354	-0.0749	0.1537	-10.5193	1.25	1.25	0.8	162	21.6	0.007115741
D_SP_3_r	G+0.3Q+Ex+0.3Ey	69.342	0.554	-33.895	-36.3223	1.6758	10.3721	1.25	1.25	0.8	162	21.6	0.077583333
D_SP_3_r	G+0.3Q+Ex-0.3Ey	44.109	-16.473	-30.608	-35.9487	-5.2593	19.3849	1.25	1.25	0.8	162	21.6	0.2520846111
D_SP_3_r	G+0.3Q-Ex-0.3Ey	-82.527	-6.082	34.768	36.3722	-2.8016	5.0874	1.25	1.25	0.8	162	21.6	0.129703704
D_SP_3_r	G+0.3Q-Ex+0.3Ey	-50.724	16.763	31.185	35.8913	4.6485	-6.3562	1.25	1.25	0.8	162	21.6	0.215208333
D_SP_3_r	G+0.3Q+Ey+0.3Ex	64.422	32.879	-15.298	-11.6085	11.408	-8.8336	1.25	1.25	0.8	162	21.6	0.528148148
D_SP_3_r	G+0.3Q+Ey-0.3Ex	28.403	37.742	4.226	10.0556	12.2998	-13.8521	1.25	1.25	0.8	162	21.6	0.569435185
D_SP_3_r	G+0.3Q-Ey-0.3Ex	-77.608	-38.407	16.171	11.6584	-12.5337	24.2932	1.25	1.25	0.8	162	21.6	0.580263889
D_SP_3_r	G+0.3Q-Ey+0.3Ex	-41.588	-43.27	-3.353	-10.0057	-13.4255	29.3117	1.25	1.25	0.8	162	21.6	0.621550926
D_SP_3_r	1.35G+1.5Q	-5.509	3.729	0.354	-0.0749	-0.2854	8.0645	1.25	1.25	0.8	162	21.6	0.013212963
ES_A_SP_1_l	G+0.3Q+Ex+0.3Ey	-32.734	-11.273	-3.174	-8.8411	8.7774	9.0969	1.92	1.2	0.7	162	25.4016	0.345545163
ES_A_SP_1_l	G+0.3Q+Ex-0.3Ey	-69.614	97.702	-2.696	-10.5897	9.7559	109.7852	1.92	1.2	0.7	162	25.4016	0.384066358
ES_A_SP_1_l	G+0.3Q-Ex-0.3Ey	-3.97	24.069	2.949	9.0181	-7.7589	4.839	1.92	1.2	0.7	162	25.4016	0.305449263
ES_A_SP_1_l	G+0.3Q-Ex+0.3Ey	34.879	-89.964	2.416	10.8227	-8.8439	-97.829	1.92	1.2	0.7	162	25.4016	0.348163108
ES_A_SP_1_l	G+0.3Q+Ey+0.3Ex	36.255	-171.852	-1.839	0.1466	1.344	-148.1066	1.92	1.2	0.7	162	25.4016	0.052910053
ES_A_SP_1_l	G+0.3Q+Ey-0.3Ex	56.539	-195.46	-0.162	6.0457	-3.9424	-180.1844	1.92	1.2	0.7	162	25.4016	0.155202822
ES_A_SP_1_l	G+0.3Q-Ey-0.3Ex	-72.96	184.648	1.614	0.0304	-0.3255	162.0425	1.92	1.2	0.7	162	25.4016	0.012814153
ES_A_SP_1_l	G+0.3Q-Ey+0.3Ex	-93.244	208.256	-0.063	-5.8688	4.9609	194.1203	1.92	1.2	0.7	162	25.4016	0.195298721
ES_A_SP_1_l	1.35G+1.5Q	-30.747	7.382	-0.329	0.4962	0.6509	1.3609	1.92	1.2	0.7	162	25.4016	0.02562437
ES_A_SP_1_r	G+0.3Q+Ex+0.3Ey	-33.763	2.575	13.804	-7.83	3.8662	13.0592	1.92	1.2	0.7	162	25.4016	0.152203011
ES_A_SP_1_r	G+0.3Q+Ex-0.3Ey	-54.298	111.993	15.188	-9.9125	3.5406	-9.5203	1.92	1.2	0.7	162	25.4016	0.139384921
ES_A_SP_1_r	G+0.3Q-Ex-0.3Ey	1.992	36.931	-14.33	8.275	-2.4476	-27.0863	1.92	1.2	0.7	162	25.4016	0.096356135
ES_A_SP_1_r	G+0.3Q-Ex+0.3Ey	23.628	-76.599	-15.768	10.4339	-2.1682	-1.4849	1.92	1.2	0.7	162	25.4016	0.085356828
ES_A_SP_1_r	G+0.3Q+Ey+0.3Ex	11.565	-157.588	1.776	1.081	2.0802	37.8371	1.92	1.2	0.7	162	25.4016	0.081892479
ES_A_SP_1_r	G+0.3Q+Ey-0.3Ex	28.782	-181.34	-7.096	6.5602	0.2699	33.4739	1.92	1.2	0.7	162	25.4016	0.010625315
ES_A_SP_1_r	G+0.3Q-Ey-0.3Ex	-43.336	197.093	-2.									

ES_A_SP_2_l	G+0.3Q-Ey+0.3Ex	-20.247	147.843	3.315	-1.7976	1.1726	60.2422	1.92	1.2	0.7	162	25.4016	0.046162446
ES_A_SP_2_l	1.35G+1.5Q	-39.55	-19.167	0.856	-1.6798	0.6542	-14.4983	1.92	1.2	0.7	162	25.4016	0.025754283
ES_A_SP_2_r	G+0.3Q+Ex+0.3Ey	-15.348	91.676	28.942	11.0755	-8.2682	-51.8312	1.92	1.2	0.7	162	25.4016	0.325499181
ES_A_SP_2_r	G+0.3Q+Ex-0.3Ey	-15.416	168.791	31.117	10.9952	-10.478	-100.4952	1.92	1.2	0.7	162	25.4016	0.412493701
ES_A_SP_2_r	G+0.3Q-Ey-0.3Ex	-37.3	-24.831	-25.649	-11.5936	6.59	17.3467	1.92	1.2	0.7	162	25.4016	0.259432477
ES_A_SP_2_r	G+0.3Q-Ey+0.3Ex	-34.707	-103.285	-27.945	-11.509	8.863	67.8585	1.92	1.2	0.7	162	25.4016	0.348915029
ES_A_SP_2_r	G+0.3Q+Ey+0.3Ex	-19.099	-68.089	6.354	3.2697	0.3795	48.9906	1.92	1.2	0.7	162	25.4016	0.014940004
ES_A_SP_2_r	G+0.3Q-Ey-0.3Ex	-24.907	-126.578	-10.712	-3.5057	5.5189	84.8974	1.92	1.2	0.7	162	25.4016	0.217265842
ES_A_SP_2_r	G+0.3Q-Ey+0.3Ex	-33.549	134.934	-3.061	-3.7878	-2.0578	-83.475	1.92	1.2	0.7	162	25.4016	0.081010645
ES_A_SP_2_r	G+0.3Q-Ey+0.3Ex	-27.741	193.423	14.005	2.9876	-7.1971	-119.3819	1.92	1.2	0.7	162	25.4016	0.283332546
ES_A_SP_2_r	1.35G+1.5Q	-43.898	59.451	2.69	-0.1218	-1.3049	-27.4305	1.92	1.2	0.7	162	25.4016	0.05137078
ES_A_SP_3_l	G+0.3Q+Ex+0.3Ey	-23.371	-64.925	-21.449	-6.5768	-4.6193	-46.4941	1.92	1.2	0.7	162	25.4016	0.18185075
ES_A_SP_3_l	G+0.3Q+Ex-0.3Ey	3.146	11.538	-21.412	-9.1662	-4.7243	-8.9552	1.92	1.2	0.7	162	25.4016	0.185984347
ES_A_SP_3_l	G+0.3Q-Ey+0.3Ex	-30.448	8.342	19.317	7.4389	3.7147	21.3967	1.92	1.2	0.7	162	25.4016	0.14623882
ES_A_SP_3_l	G+0.3Q-Ey-0.3Ex	-54.937	-68.5	19.31	9.9883	3.8015	-15.2028	1.92	1.2	0.7	162	25.4016	0.149655927
ES_A_SP_3_l	G+0.3Q+Ey+0.3Ex	-62.989	-155.825	-7.191	2.1952	-1.5707	-78.2416	1.92	1.2	0.7	162	25.4016	0.061834688
ES_A_SP_3_l	G+0.3Q+Ey-0.3Ex	-72.459	-156.897	5.036	7.1647	0.9555	-68.8542	1.92	1.2	0.7	162	25.4016	0.037615741
ES_A_SP_3_l	G+0.3Q-Ey-0.3Ex	9.171	99.241	5.059	-1.3331	0.6661	53.1442	1.92	1.2	0.7	162	25.4016	0.026222758
ES_A_SP_3_l	G+0.3Q-Ey+0.3Ex	18.641	100.314	-7.169	-6.3026	-1.8601	43.7567	1.92	1.2	0.7	162	25.4016	0.073227671
ES_A_SP_3_l	1.35G+1.5Q	-45.723	-52.87	-1.801	0.5335	-0.781	-20.0473	1.92	1.2	0.7	162	25.4016	0.030746095
ES_A_SP_3_r	G+0.3Q+Ex+0.3Ey	-40.4	-17.347	-1.416	-3.7479	6.2756	8.295	1.92	1.2	0.7	162	25.4016	0.247055304
ES_A_SP_3_r	G+0.3Q+Ex-0.3Ey	-32.693	60.458	-1.194	-6.3047	6.1518	-28.1278	1.92	1.2	0.7	162	25.4016	0.242181595
ES_A_SP_3_r	G+0.3Q-Ey-0.3Ex	-13.232	52.757	0.821	5.9401	-5.6493	-25.2525	1.92	1.2	0.7	162	25.4016	0.222399376
ES_A_SP_3_r	G+0.3Q-Ey+0.3Ex	-18.972	-24.539	0.579	8.4132	-5.5537	11.91	1.92	1.2	0.7	162	25.4016	0.218635834
ES_A_SP_3_r	G+0.3Q+Ey+0.3Ex	-39.596	-110.043	-1.001	3.3937	2.2467	53.235	1.92	1.2	0.7	162	25.4016	0.088447184
ES_A_SP_3_r	G+0.3Q+Ey-0.3Ex	-33.168	-112.201	-0.402	7.0421	-1.302	54.3195	1.92	1.2	0.7	162	25.4016	0.051256614
ES_A_SP_3_r	G+0.3Q-Ey-0.3Ex	-14.036	145.454	0.405	-1.2015	-1.6204	-70.4655	1.92	1.2	0.7	162	25.4016	0.063791257
ES_A_SP_3_r	G+0.3Q-Ey+0.3Ex	-20.464	147.612	-0.193	-4.8498	1.9284	-71.55	1.92	1.2	0.7	162	25.4016	0.075916478
ES_A_SP_3_r	1.35G+1.5Q	-45.577	31.805	-0.516	1.6379	0.5006	-12.0906	1.92	1.2	0.7	162	25.4016	0.01970742
ES_A_SP_4_l	G+0.3Q+Ex+0.3Ey	-77.493	-7.143	-4.265	4.405	4.0615	8.8472	1.92	1.2	0.7	162	25.4016	0.159891503
ES_A_SP_4_l	G+0.3Q+Ex-0.3Ey	-54.35	77.158	-4.433	2.1289	3.9251	48.6659	1.92	1.2	0.7	162	25.4016	0.154521762
ES_A_SP_4_l	G+0.3Q-Ey-0.3Ex	26.398	-43.353	4.316	-4.1017	-3.5644	-23.9964	1.92	1.2	0.7	162	25.4016	0.140321869
ES_A_SP_4_l	G+0.3Q-Ey+0.3Ex	5.031	-126.966	4.477	-1.8924	-3.4394	-62.6077	1.92	1.2	0.7	162	25.4016	0.13540092
ES_A_SP_4_l	G+0.3Q+Ey+0.3Ex	-73.537	-146.629	-1.017	4.7785	1.5821	-61.2086	1.92	1.2	0.7	162	25.4016	0.062283478
ES_A_SP_4_l	G+0.3Q+Ey-0.3Ex	-48.78	-182.576	1.605	2.8892	-0.6681	-82.645	1.92	1.2	0.7	162	25.4016	0.026301493
ES_A_SP_4_l	G+0.3Q-Ey-0.3Ex	22.441	96.133	1.068	-4.4752	-1.0851	46.0593	1.92	1.2	0.7	162	25.4016	0.042717782
ES_A_SP_4_l	G+0.3Q-Ey+0.3Ex	-2.316	132.08	-1.554	-2.5859	1.1652	67.4958	1.92	1.2	0.7	162	25.4016	0.045871126
ES_A_SP_4_l	1.35G+1.5Q	-42.806	-42.517	0.034	0.0725	0.4186	-8.5133	1.92	1.2	0.7	162	25.4016	0.016479277
ES_A_SP_4_r	G+0.3Q+Ex+0.3Ey	-86.107	29.115	2.381	-2.0853	4.9136	13.6935	1.92	1.2	0.7	162	25.4016	0.193436634
ES_A_SP_4_r	G+0.3Q+Ex-0.3Ey	-82.977	113.931	2.31	-4.2744	4.8124	-25.4142	1.92	1.2	0.7	162	25.4016	0.189452633
ES_A_SP_4_r	G+0.3Q-Ey-0.3Ex	38.062	18.633	-2.475	2.1343	-4.3873	-30.4645	1.92	1.2	0.7	162	25.4016	0.172717467
ES_A_SP_4_r	G+0.3Q-Ey+0.3Ex	36.371	-65.776	-2.403	4.2643	-4.2953	9.605	1.92	1.2	0.7	162	25.4016	0.169095648
ES_A_SP_4_r	G+0.3Q+Ey+0.3Ex	-45.212	-102.573	0.79	2.6222	1.7978	59.0103	1.92	1.2	0.7	162	25.4016	0.070775069
ES_A_SP_4_r	G+0.3Q+Ey-0.3Ex	-8.468	-131.04	-0.646	4.5271	-0.9648	57.7837	1.92	1.2	0.7	162	25.4016	0.037981859
ES_A_SP_4_r	G+0.3Q-Ey-0.3Ex	-2.834	150.321	-0.883	-2.5732	-1.2715	-75.7813	1.92	1.2	0.7	162	25.4016	0.050055902
ES_A_SP_4_r	G+0.3Q-Ey+0.3Ex	-39.577	178.788	0.552	-4.478	1.4912	-74.5547	1.92	1.2	0.7	162	25.4016	0.058704963
ES_A_SP_4_r	1.35G+1.5Q	-40.883	44.121	-0.077	-0.1346	0.4433	-11.3672	1.92	1.2	0.7	162	25.4016	0.017451657
ES_A_SP_5_l	G+0.3Q+Ex+0.3Ey	-110.252	-2.215	-7.899	13.272	2.2341	2.7846	1.92	1.2	0.7	162	25.4016	0.087951153
ES_A_SP_5_l	G+0.3Q+Ex-0.3Ey	-83.419	109.448	-6.462	10.8392	1.3787	24.4095	1.92	1.2	0.7	162	25.4016	0.054276109
ES_A_SP_5_l	G+0.3Q-Ey-0.3Ex	75.186	-56.076	8.27	-15.1225	-1.34	-20.3642	1.92	1.2	0.7	162	25.4016	0.052752583
ES_A_SP_5_l	G+0.3Q-Ey+0.3Ex	49.125	-165.248	6.912	-12.7307	-0.5514	-39.445	1.92	1.2	0.7	162	25.4016	0.021707294
ES_A_SP_5_l	G+0.3Q+Ey+0.3Ex	-84.874	-186.644	-4.3	6.9615	2.1792	-34.2567	1.92	1.2	0.7	162	25.4016	0.085789872
ES_A_SP_5_l	G+0.3Q+Ey-0.3Ex	-37.061	-235.554	0.144	-0.8394	1.3436	-46.9255	1.92	1.2	0.7	162	25.4016	0.052894306
ES_A_SP_5_l	G+0.3Q-Ey-0.3Ex	49.807	128.353	4.671	-8.812	-1.2851	16.677	1.92	1.2	0.7	162	25.4016	0.050591301
ES_A_SP_5_l	G+0.3Q-Ey+0.3Ex	1.994	177.263	0.228	-1.0112	-0.4495	29.3459	1.92	1.2	0.7	162	25.4016	0.017695736
ES_A_SP_5_l	1.35G+1.5Q	-30.405	-41.44	0.535	-1.7882	0.6411	-6.1117	1.92	1.2	0.7	162	25.4016	0.025238568
ES_A_SP_5_r	G+0.3Q+Ex+0.3Ey	-111.963	50.07	-4.627	4.0734	9.5304	-9.9261	1.92	1.2	0.7	162	25.4016	0.375188964
ES_A_SP_5_r	G+0.3Q+Ex-0.3Ey	81.496	166.955	0.552	5.3293	4.9306	-107.1901	1.92	1.2	0.7	162	25.4016	0.194105883
ES_A_SP_5_r	G+0.3Q-Ey-0.3Ex	90.262	-0.085	5.952	-4.8734	-9.702	-14.9564	1.92	1.2	0.7	162	25.4016	0.381944444
ES_A_SP_5_r	G+0.3Q-Ey+0.3Ex	59.108	-115.449	0.801	-6.2374	-5.2268	84.0571	1.92	1.2	0.7	162	25.4016	0.205766566
ES_A_SP_5_r	G+0.3Q+Ey+0.3Ex	-88.435	-142.453	-8.736	-1.1266	9.5864	138.4837	1.92	1.2	0.7	162	25.4016	0.37793955
ES_A_SP_5_r	G+0.3Q+Ey-0.3Ex	-37.114	-192.109	-7.108	-4.2199	5.1593	166.6787	1.92	1.2	0.7	162	25.4016	0.203109253
ES_A_SP_5_r	G+0.3Q-Ey-0.3Ex	66.734	192.438	10.062	0.3266	-9.7581	-163.3662	1.92	1.2	0.7	162	25.4016	0.384152967
ES_A_SP_5_r	G+0.3Q-Ey+0.3Ex	15.413	242.094	8.433	3.4199	-5.3309	-191.5612	1.92	1.2	0.7	162	25.4016	0.209864733
ES_A_SP_5_r	1.35G+1.5Q	-22.845	51.569	1.272	-1.0064	-0.4641	-17.4422	1.92	1.2	0.7	162	25.4016	0.018270503
N_SP_1_l	G+0.3Q+Ex+0.3Ey	-45.224	-188.386	2.742	-2.291	-0.9048	-102.3649	1.3	1.15	0.7	162	17.199	0.05260771
N_SP_1_l	G+0.3Q+Ex-0.3Ey	-25.078	-179.753	0.713	-3.3928	0.2274	-96.2688	1.3	1.15	0.7	162	17.199	0.013221699
N_SP_1_l	G+0.3Q-Ey-0.3Ex	-6.062	172.909	-2.538	1.8215	0.9586	98.9577	1.3	1.15	0.7	162	17.199	0.005735799
N_SP_1_l	G+0.3Q-Ey+0.3Ex	-21.905	163.783	-0.645	2.9557	-0.1265	92.6883	1.3	1.15	0.7	162	17.199	0.057355079
N_SP_1_l	G+0.3Q+Ey+0.3Ex	-55.546	-75.774	3.765	0.8686	-1.8984	-41.4107	1.3	1.15	0.7	162	17.199	0.11037851
N_SP_1_l	G+0.3Q+Ey-0.3Ex	-48.55	29.877	2.748	2.4426	-1.6649	17.1053	1.3	1.15	0.7	162	17.199	0.09680214
N_SP_1_l	G+0.3Q-Ey-0.3Ex	4.26	60.297	-3.561	-1.338	1.9522	38.0035	1.3	1.15	0.7	162	17.199	0.113506599
N_SP_1_l	G+0.3Q-Ey+0.3Ex	-2.736	-45.354	-2.545	-2.912	1.7187	-20.5125	1.3	1.15	0.7	162	17.199	0.099930229
N_SP_1_l	1.35G+1.5Q	-33.763	-11.831	-0.00645	-0.3229	0.1688	-2.6437	1.3	1.15	0.7	162	17.199	0.009814524
N_SP_1_r	G+0.3Q+Ex+0.3Ey	-36.056	-172.303	-0.00881	-2.291	-2.4215	97.8175	1.3	1.15	0.7	162	17.199	0.140793069
N_SP_1_r	G+0.3Q+Ex-0.3Ey	-15.909	-163.669	3.464	-3.3928	-2.0908	94.3307	1.3	1.15	0.7	162	17.199	0.121565207
N_SP_1_r	G+0.3Q-Ey-0.3Ex	-15.23	188.993	0.212	1.8215	2.2495	-101.8982	1.3	1.15	0.7	162	17.199	0.130792488
N_SP_1_r	G+0.3Q-Ey+0.3Ex	-31.073	179.867	-3.396	2.9557	2.1163	-98.0						

N_SP_2_l	G+0.3Q+Ey-0.3Ex	-37.874	52.358	-1.113	7.3592	2.2349	31.7526	1.7	1.15	0.7	162	22.491	0.099368636
N_SP_2_l	G+0.3Q-Ey-0.3Ex	0.248	92.492	-0.791	-7.6902	-1.4324	57.0911	1.7	1.15	0.7	162	22.491	0.063687697
N_SP_2_l	G+0.3Q-Ey+0.3Ex	-17.406	-76.229	0.491	-8.6317	-2.7647	-35.2586	1.7	1.15	0.7	162	22.491	0.122924725
N_SP_2_l	1.35G+1.5Q	-36.482	-20.01	-0.477	-0.4102	-0.1229	-2.3486	1.7	1.15	0.7	162	22.491	0.005464408
N_SP_2_r	G+0.3Q+Ex+0.3Ey	-3.213	-269.641	0.561	0.659	-1.9003	149.2613	1.7	1.15	0.7	162	22.491	0.084491574
N_SP_2_r	G+0.3Q+Ex-0.3Ey	8.001	-259.007	-0.037	-4.9755	-3.4908	145.994	1.7	1.15	0.7	162	22.491	0.15520875
N_SP_2_r	G+0.3Q-Ex-0.3Ey	-50.156	304.804	-0.73	-1.8582	0.7247	-159.3429	1.7	1.15	0.7	162	22.491	0.032221778
N_SP_2_r	G+0.3Q-Ex+0.3Ey	-57.93	292.763	0.018	4.4	2.832	-154.1718	1.7	1.15	0.7	162	22.491	0.125917033
N_SP_2_r	G+0.3Q+Ey+0.3Ex	-31.434	-86.847	1.244	9.2696	2.2145	49.0928	1.7	1.15	0.7	162	22.491	0.098461607
N_SP_2_r	G+0.3Q+Ey-0.3Ex	-47.85	81.875	1.081	10.3919	3.6342	-41.9372	1.7	1.15	0.7	162	22.491	0.161584634
N_SP_2_r	G+0.3Q-Ey-0.3Ex	-21.935	122.009	-1.413	-10.4688	-3.3901	-59.1744	1.7	1.15	0.7	162	22.491	0.150731404
N_SP_2_r	G+0.3Q-Ey+0.3Ex	-5.52	-46.712	-1.25	-11.5911	-4.8098	31.8555	1.7	1.15	0.7	162	22.491	0.213854431
N_SP_2_r	1.35G+1.5Q	-35.772	24.265	0.035	-0.3274	-0.2127	-4.8247	1.7	1.15	0.7	162	22.491	0.009457116
N_SP_3_l	G+0.3Q+Ex+0.3Ey	22.292	-131.946	13.428	-5.8728	-2.1539	-58.0337	1.6	1.15	0.7	162	21.168	0.574163832
N_SP_3_l	G+0.3Q+Ex-0.3Ey	-4.957	-118.598	3.033	-10.9389	21.7714	-57.9339	1.6	1.15	0.7	162	21.168	1.028505291
N_SP_3_l	G+0.3Q-Ex-0.3Ey	-27.927	70.723	-17.778	0.0192	-14.9749	57.507	1.6	1.15	0.7	162	21.168	0.707431028
N_SP_3_l	G+0.3Q-Ex+0.3Ey	-1.111	73.943	-5.659	7.8373	-23.4155	57.9653	1.6	1.15	0.7	162	21.168	1.106174414
N_SP_3_l	G+0.3Q+Ey+0.3Ex	45.387	-56.128	20.886	8.0469	-10.1428	-16.8994	1.6	1.15	0.7	162	21.168	0.479157218
N_SP_3_l	G+0.3Q+Ey-0.3Ex	38.366	5.638	15.16	12.1599	-20.8137	17.9003	1.6	1.15	0.7	162	21.168	0.983262472
N_SP_3_l	G+0.3Q-Ey-0.3Ex	-51.022	-5.094	-25.237	-13.9004	7.3219	16.3727	1.6	1.15	0.7	162	21.168	0.345894747
N_SP_3_l	G+0.3Q-Ey+0.3Ex	-44.001	-66.861	-19.511	-18.0135	17.9927	-18.427	1.6	1.15	0.7	162	21.168	0.849995276
N_SP_3_l	1.35G+1.5Q	-3.257	-21.707	-1.191	-0.6607	-0.711	-0.0741	1.6	1.15	0.7	162	21.168	0.033588435
N_SP_3_r	G+0.3Q+Ex+0.3Ey	38.676	-76.573	8.513	-5.7977	-0.023	57.5454	1.6	1.15	0.7	162	21.168	0.001086546
N_SP_3_r	G+0.3Q+Ex-0.3Ey	11.427	-89.855	7.948	-11.014	15.6768	58.008	1.6	1.15	0.7	162	21.168	0.740589569
N_SP_3_r	G+0.3Q-Ex-0.3Ey	-44.311	126.096	-12.863	-0.0559	2.031	-52.3774	1.6	1.15	0.7	162	21.168	0.095946712
N_SP_3_r	G+0.3Q-Ex+0.3Ey	-17.495	129.315	-10.574	7.9124	-14.4061	-55.4929	1.6	1.15	0.7	162	21.168	0.68056028
N_SP_3_r	G+0.3Q+Ey+0.3Ex	50.302	-0.756	4.503	8.2972	-24.2338	14.3472	1.6	1.15	0.7	162	21.168	1.144831822
N_SP_3_r	G+0.3Q+Ey-0.3Ex	33.451	61.011	-1.223	12.4102	-28.5487	-19.5643	1.6	1.15	0.7	162	21.168	1.348672525
N_SP_3_r	G+0.3Q-Ey-0.3Ex	-55.937	50.278	-8.853	-14.1508	26.2418	-9.1791	1.6	1.15	0.7	162	21.168	1.239691988
N_SP_3_r	G+0.3Q-Ey+0.3Ex	-39.086	-11.488	-3.127	-18.2638	30.5567	24.7324	1.6	1.15	0.7	162	21.168	1.443532691
N_SP_3_r	1.35G+1.5Q	-3.257	21.407	-1.191	-0.6607	0.6115	0.0921	1.6	1.15	0.7	162	21.168	0.028887944
N_SP_4_l	G+0.3Q+Ex+0.3Ey	-7.9	-4.921	42.755	11.8592	56.0905	-13.1432	1.7	1	0.7	162	22.491	2.493908675
N_SP_4_l	G+0.3Q+Ex-0.3Ey	-6.694	-16.774	17.318	3.4311	37.8938	-16.1261	1.7	1	0.7	162	22.491	1.684842826
N_SP_4_l	G+0.3Q-Ex-0.3Ey	15.965	87.695	-39.684	1.6636	-51.2121	35.7538	1.7	1	0.7	162	22.491	2.277004135
N_SP_4_l	G+0.3Q-Ex+0.3Ey	12	52.34	-15.65	3.0968	-35.4658	26.2341	1.7	1	0.7	162	22.491	1.576888533
N_SP_4_l	G+0.3Q+Ey+0.3Ex	-5.562	-26.127	50.354	10.4644	42.4164	-10.4674	1.7	1	0.7	162	22.491	1.885927704
N_SP_4_l	G+0.3Q+Ey-0.3Ex	0.408	-8.949	32.832	7.8357	14.9495	1.3458	1.7	1	0.7	162	22.491	0.664688097
N_SP_4_l	G+0.3Q-Ey-0.3Ex	13.627	108.901	-47.283	3.0585	-37.538	33.0779	1.7	1	0.7	162	22.491	1.669023165
N_SP_4_l	G+0.3Q-Ey+0.3Ex	7.658	91.722	-29.762	5.6872	-10.071	21.2648	1.7	1	0.7	162	22.491	0.447779112
N_SP_4_l	1.35G+1.5Q	1.72	-7.045	0.779	-0.2704	1.1014	-1.2145	1.7	1	0.7	162	22.491	0.048970699
N_SP_4_r	G+0.3Q+Ex+0.3Ey	4.056	16.053	39.168	11.914	22.9118	-17.4692	1.7	1	0.7	162	22.491	1.018709706
N_SP_4_r	G+0.3Q+Ex-0.3Ey	5.261	4.2	20.904	3.3763	22.4139	-10.8509	1.7	1	0.7	162	22.491	0.996571962
N_SP_4_r	G+0.3Q-Ex-0.3Ey	4.01	108.669	-36.097	1.6089	-20.5205	-43.9561	1.7	1	0.7	162	22.491	0.912381777
N_SP_4_r	G+0.3Q-Ex+0.3Ey	0.044	73.314	-19.236	3.1516	-21.337	-24.8384	1.7	1	0.7	162	22.491	0.948690587
N_SP_4_r	G+0.3Q+Ey+0.3Ex	-1.975	-5.153	38.398	10.647	6.4721	2.2556	1.7	1	0.7	162	22.491	0.287763994
N_SP_4_r	G+0.3Q+Ey-0.3Ex	-3.179	12.026	20.877	8.0183	-6.8026	0.0448	1.7	1	0.7	162	22.491	0.302458761
N_SP_4_r	G+0.3Q-Ey-0.3Ex	10.041	129.875	-35.327	2.8758	-4.0807	-63.6808	1.7	1	0.7	162	22.491	0.181437019
N_SP_4_r	G+0.3Q-Ey+0.3Ex	11.244	112.697	-17.806	5.5045	9.1939	-61.4701	1.7	1	0.7	162	22.491	0.40878129
N_SP_4_r	1.35G+1.5Q	1.72	24.416	0.779	-0.2704	0.4707	-8.2496	1.7	1	0.7	162	22.491	0.020928371
N_SP_5_l	G+0.3Q+Ex+0.3Ey	-0.521	-83.89	31.791	11.209	2.6974	-32.5051	1.7	1.4	0.7	162	22.491	0.119932417
N_SP_5_l	G+0.3Q+Ex-0.3Ey	0.266	-85.649	20.812	12.1863	9.716	-24.4791	1.7	1.4	0.7	162	22.491	0.43199502
N_SP_5_l	G+0.3Q-Ex-0.3Ey	31.761	41.748	-28.681	-2.5965	-1.659	-15.9853	1.7	1.4	0.7	162	22.491	0.073762838
N_SP_5_l	G+0.3Q-Ex+0.3Ey	17.501	44.156	-19.081	-8.5727	-9.4406	-2.0731	1.7	1.4	0.7	162	22.491	0.419750122
N_SP_5_l	G+0.3Q+Ey+0.3Ex	-10.849	-36.264	25.186	-2.6869	-10.6293	-5.6231	1.7	1.4	0.7	162	22.491	0.472602374
N_SP_5_l	G+0.3Q+Ey-0.3Ex	-5.442	2.149	9.925	-8.6214	-14.2707	3.5065	1.7	1.4	0.7	162	22.491	0.634507136
N_SP_5_l	G+0.3Q-Ey+0.3Ex	42.088	-5.878	22.077	11.2995	11.6677	-42.8674	1.7	1.4	0.7	162	22.491	0.818771953
N_SP_5_l	G+0.3Q-Ey-0.3Ex	36.681	-44.291	-6.815	17.234	15.3091	-51.997	1.7	1.4	0.7	162	22.491	0.680676715
N_SP_5_l	1.35G+1.5Q	3.227	-30.742	0.674	-0.6073	0.179	-4.4163	1.7	1.4	0.7	162	22.491	0.007958739
N_SP_5_r	G+0.3Q+Ex+0.3Ey	18.593	-50.357	26.056	11.2966	-34.7584	54.7114	1.7	1.4	0.7	162	22.491	1.545435952
N_SP_5_r	G+0.3Q+Ex-0.3Ey	19.381	-52.116	26.547	12.0987	-20.949	65.0163	1.7	1.4	0.7	162	22.491	0.931439242
N_SP_5_r	G+0.3Q-Ex-0.3Ey	12.646	75.281	-22.947	-2.6841	31.7699	-92.0532	1.7	1.4	0.7	162	22.491	1.41256058
N_SP_5_r	G+0.3Q-Ex+0.3Ey	-1.613	77.689	-24.815	-8.4851	18.9819	-81.2596	1.7	1.4	0.7	162	22.491	0.843977591
N_SP_5_r	G+0.3Q+Ey+0.3Ex	-5.115	-2.731	6.072	-2.3949	-30.8686	19.7142	1.7	1.4	0.7	162	22.491	1.372486772
N_SP_5_r	G+0.3Q+Ey-0.3Ex	-11.176	35.682	-9.19	-8.3294	-14.7465	-21.0771	1.7	1.4	0.7	162	22.491	0.655662265
N_SP_5_r	G+0.3Q-Ey-0.3Ex	36.354	27.655	-2.962	11.0075	27.8802	-57.056	1.7	1.4	0.7	162	22.491	1.239615846
N_SP_5_r	G+0.3Q-Ey+0.3Ex	42.416	-10.758	12.299	16.942	11.7581	-16.2647	1.7	1.4	0.7	162	22.491	0.522791339
N_SP_5_r	1.35G+1.5Q	3.227	19.557	0.674	-0.6073	-0.6941	2.8262	1.7	1.4	0.7	162	22.491	0.030861233
V_SP_1_l	G+0.3Q+Ex+0.3Ey	2.06	307.527	31.107	-15.003	-8.4723	170.5251	2	1.33	0.7	162	26.46	0.320192744
V_SP_1_l	G+0.3Q+Ex-0.3Ey	29.289	344.568	-27.253	-0.3339	-21.7608	197.4231	2	1.33	0.7	162	26.46	0.822403628
V_SP_1_l	G+0.3Q-Ex-0.3Ey	-73.086	-272.81	-40.97	27.2801	4.677	-144.8431	2	1.33	0.7	162	26.46	0.17675737
V_SP_1_l	G+0.3Q-Ex+0.3Ey	-86.909	-318.107	18.431	10.6363	18.2363	-179.1497	2	1.33	0.7	162	26.46	0.68920257
V_SP_1_l	G+0.3Q+Ey+0.3Ex	-45.206	35.709	95.97	-25.4469	16.695	8.1144	2	1.33	0.7	162	26.46	0.30952381
V_SP_1_l	G+0.3Q+Ey-0.3Ex	-71.897	-151.982	92.167	-17.7551	24.7076	-96.788	2	1.33	0.7	162	26.46	0.933771731
V_SP_1_l	G+0.3Q-Ey-0.3Ex	-25.82	-0.991	-105.833	37.724	-20.4903	17.5676	2	1.33	0.7	162	26.46	0.774387756
V_SP_1_l	G+0.3Q-Ey+0.3Ex	0.871	186.699	-102.03	30.0322	-28.5028	122.47	2	1.33	0.7	162	26.46	1.077203326
V_SP_1_l	1.35G+1.5Q	-34.165	12.122	-6.048	5.6123	-2.4463	6.7874	2	1.33	0.7	162	26.46	0.092452759
V_SP_1_r	G+0.3Q+Ex+0.3Ey	100.605	223.32	40.911	-19.0903	-48.1093	-104.4623	2	1.33	0.7	162	26.46	1.81818972
V_SP_1_r	G+0.3Q+Ex-0.3Ey	138.848	252.146	-38.656	7.0377	22.3792	-113.7464	2	1.33	0.7	162	26.46	0.845774754
V_SP_1_r	G+0.3Q-Ex-0.3Ey	-125.05	-168.999	-49.243	29.4323	55.1021	94.7084	2	1.33	0.7	162	26.46	2.082467876
V_SP_1_r	G+0.3Q-Ex+0.3Ey	-154.596											



V_SP_2_l	G+0.3Q-Ex+0.3Ey	-111.146	-249.369	2.848	10.9951	-2.1523	-89.2052	1	1.35	0.7	162	13.23	0.162683296
V_SP_2_l	G+0.3Q+Ey+0.3Ex	-34.969	-10.253	20.522	18.3077	-0.5107	5.7496	1	1.35	0.7	162	13.23	0.038601663
V_SP_2_l	G+0.3Q+Ey-0.3Ex	-83.04	-139.873	19.068	21.4276	-1.5973	-42.3228	1	1.35	0.7	162	13.23	0.120733182
V_SP_2_l	G+0.3Q-Ey-0.3Ex	-3.106	-20.652	-22.431	-18.779	0.4393	-16.0315	1	1.35	0.7	162	13.23	0.033204837
V_SP_2_l	G+0.3Q-Ey+0.3Ex	44.965	108.969	-20.978	-21.8989	1.526	32.0409	1	1.35	0.7	162	13.23	0.115343915
V_SP_2_l	1.35G+1.5Q	-26.418	-28.92	-1.5	0.1843	-0.1968	-7.2689	1	1.35	0.7	162	13.23	0.014875283
V_SP_2_r	G+0.3Q+Ex+0.3Ey	-0.19	201.182	-5.564	-11.371	-2.2406	-55.6035	1	1.35	0.7	162	13.23	0.169357521
V_SP_2_r	G+0.3Q+Ex-0.3Ey	6.083	226.098	14.915	3.0838	-1.6181	-63.265	1	1.35	0.7	162	13.23	0.122305367
V_SP_2_r	G+0.3Q-Ex-0.3Ey	-48.991	-192.964	4.143	11.0318	4.3744	59.9207	1	1.35	0.7	162	13.23	0.330642479
V_SP_2_r	G+0.3Q-Ex+0.3Ey	-52.421	-214.772	-16.304	-3.2519	3.6462	66.9963	1	1.35	0.7	162	13.23	0.275600907
V_SP_2_r	G+0.3Q+Ey+0.3Ex	-22.472	30.155	-33.178	-25.1936	-1.0298	-4.5297	1	1.35	0.7	162	13.23	0.077838246
V_SP_2_r	G+0.3Q+Ey-0.3Ex	-38.142	-94.631	-36.4	-22.7579	0.7362	32.2323	1	1.35	0.7	162	13.23	0.055646259
V_SP_2_r	G+0.3Q-Ey-0.3Ex	-26.708	-21.938	31.757	24.8544	3.1636	8.8469	1	1.35	0.7	162	13.23	0.239123205
V_SP_2_r	G+0.3Q-Ey+0.3Ex	-11.039	102.848	34.98	22.4186	1.3976	-27.915	1	1.35	0.7	162	13.23	0.1056387
V_SP_2_r	1.35G+1.5Q	-32.937	17.372	-1.109	0.305	1.5632	1.8279	1	1.35	0.7	162	13.23	0.118155707
V_SP_3_l	G+0.3Q+Ex+0.3Ey	-137.908	296.602	-16.246	-2.5522	-2.6492	138.7874	2	1.35	0.7	162	26.46	0.100120937
V_SP_3_l	G+0.3Q+Ex-0.3Ey	-121.957	297.446	4.55	-20.5271	6.5888	125.114	2	1.35	0.7	162	26.46	0.249009826
V_SP_3_l	G+0.3Q-Ex-0.3Ey	95.106	-322.562	22.114	-0.8574	5.4948	-125.5443	2	1.35	0.7	162	26.46	0.207664399
V_SP_3_l	G+0.3Q-Ex+0.3Ey	88.891	-322.826	1.003	17.5293	-4.0007	-116.0472	2	1.35	0.7	162	26.46	0.151198035
V_SP_3_l	G+0.3Q+Ey+0.3Ex	-65.78	79.493	-34.838	25.9275	-14.2003	60.6752	2	1.35	0.7	162	26.46	0.536670446
V_SP_3_l	G+0.3Q+Ey-0.3Ex	2.26	-106.335	-29.663	31.952	-14.6057	-15.7752	2	1.35	0.7	162	26.46	0.551993686
V_SP_3_l	G+0.3Q-Ey-0.3Ex	22.978	-105.453	40.707	-29.3371	17.0459	-47.432	2	1.35	0.7	162	26.46	0.644213908
V_SP_3_l	G+0.3Q-Ey+0.3Ex	-45.062	80.375	35.532	-35.3616	17.4513	29.0183	2	1.35	0.7	162	26.46	0.659535147
V_SP_3_l	1.35G+1.5Q	-17.805	-15.892	4.039	-2.0428	1.7536	4.3335	2	1.35	0.7	162	26.46	0.096273621
V_SP_3_r	G+0.3Q+Ex+0.3Ey	-27.108	312.942	-8.747	-5.2748	14.671	-180.3096	2	1.35	0.7	162	26.46	0.554459562
V_SP_3_r	G+0.3Q+Ex-0.3Ey	-6.638	312.472	-3.325	-21.2643	6.3993	-191.4457	2	1.35	0.7	162	26.46	0.241848073
V_SP_3_r	G+0.3Q-Ey+0.3Ex	-16.441	-276.518	14.264	2.1248	-19.1411	185.7601	2	1.35	0.7	162	26.46	0.723397581
V_SP_3_r	G+0.3Q-Ey-0.3Ex	-26.602	-273.574	8.553	18.5169	-10.7476	191.1433	2	1.35	0.7	162	26.46	0.406182918
V_SP_3_r	G+0.3Q+Ey+0.3Ex	-38.786	111.096	-9.355	22.1764	15.5669	-44.0206	2	1.35	0.7	162	26.46	0.588318216
V_SP_3_r	G+0.3Q+Ey-0.3Ex	-38.634	-64.858	-4.166	29.3139	7.9413	67.4153	2	1.35	0.7	162	26.46	0.300124717
V_SP_3_r	G+0.3Q-Ey-0.3Ex	-4.762	-74.672	14.873	-25.3264	-20.0371	49.471	2	1.35	0.7	162	26.46	0.757260015
V_SP_3_r	G+0.3Q-Ey+0.3Ex	-4.914	101.283	9.683	-32.4639	-12.4115	-61.9649	2	1.35	0.7	162	26.46	0.469066515
V_SP_3_r	1.35G+1.5Q	-16.774	33.127	3.809	-1.8887	-3.3039	-6.512	2	1.35	0.7	162	26.46	0.124863946
V_SP_4_l	G+0.3Q+Ex+0.3Ey	-51.354	22.696	-18.9	-9.632	-31.5068	29.1506	1.25	1.33	0.7	162	16.5375	1.905173091
V_SP_4_l	G+0.3Q+Ex-0.3Ey	-53.573	32.069	-2.342	9.7263	-32.1048	42.7922	1.25	1.33	0.7	162	16.5375	1.941333333
V_SP_4_l	G+0.3Q-Ey-0.3Ex	66.804	-50.307	19.287	10.1163	30.8535	-43.1007	1.25	1.33	0.7	162	16.5375	1.865668934
V_SP_4_l	G+0.3Q-Ey+0.3Ex	59.931	-58.958	2.526	-8.5686	31.3026	-49.9999	1.25	1.33	0.7	162	16.5375	1.892825397
V_SP_4_l	G+0.3Q+Ey+0.3Ex	-20.421	-15.976	-30.956	-31.0589	-8.9994	-6.6011	1.25	1.33	0.7	162	16.5375	0.544181406
V_SP_4_l	G+0.3Q+Ey-0.3Ex	12.964	-40.472	-24.528	-30.7399	9.8434	-30.3462	1.25	1.33	0.7	162	16.5375	0.595216931
V_SP_4_l	G+0.3Q-Ey+0.3Ex	35.871	-11.635	31.343	31.5432	8.3461	-7.349	1.25	1.33	0.7	162	16.5375	0.504677249
V_SP_4_l	G+0.3Q-Ey-0.3Ex	2.486	12.861	24.915	31.2242	-10.4967	16.3961	1.25	1.33	0.7	162	16.5375	0.634721088
V_SP_4_l	1.35G+1.5Q	-2.068	-20.267	-0.104	1.3957	-0.6773	-0.865	1.25	1.33	0.7	162	16.5375	0.040955404
V_SP_4_r	G+0.3Q+Ex+0.3Ey	-66.611	49.462	-14.323	-9.632	-9.4139	-18.8347	1.25	1.33	0.7	162	16.5375	0.569245654
V_SP_4_r	G+0.3Q+Ex-0.3Ey	-68.83	58.836	-6.919	9.7263	-25.9463	-17.6598	1.25	1.33	0.7	162	16.5375	1.568937264
V_SP_4_r	G+0.3Q-Ey-0.3Ex	82.061	-23.541	14.71	10.1163	8.246	6.0085	1.25	1.33	0.7	162	16.5375	0.498624339
V_SP_4_r	G+0.3Q-Ey+0.3Ex	75.189	-32.192	7.103	-8.5686	24.8998	10.6152	1.25	1.33	0.7	162	16.5375	1.505656841
V_SP_4_r	G+0.3Q+Ey+0.3Ex	-24.999	10.79	-15.698	-31.0589	22.0254	-3.1528	1.25	1.33	0.7	162	16.5375	1.331845805
V_SP_4_r	G+0.3Q+Ey-0.3Ex	17.541	-13.706	-9.271	-30.7399	32.3195	5.6822	1.25	1.33	0.7	162	16.5375	1.954315949
V_SP_4_r	G+0.3Q-Ey-0.3Ex	40.449	15.131	16.085	31.5432	-23.1933	-9.6734	1.25	1.33	0.7	162	16.5375	1.40246712
V_SP_4_r	G+0.3Q-Ey+0.3Ex	-2.091	39.627	9.658	31.2242	-33.4875	-18.5084	1.25	1.33	0.7	162	16.5375	2.024943311
V_SP_4_r	1.35G+1.5Q	-2.068	19.882	-0.104	1.3957	-0.5388	-0.6091	1.25	1.33	0.7	162	16.5375	0.032580499
V_SP_5_l	G+0.3Q+Ex+0.3Ey	-28.86	37.983	-11.371	-4.8811	0.3309	53.3636	1.25	1.35	0.7	162	16.5375	0.02000907
V_SP_5_l	G+0.3Q+Ex-0.3Ey	0.9	87.604	-7.963	-7.504	-17.8423	65.8613	1.25	1.35	0.7	162	16.5375	1.078899471
V_SP_5_l	G+0.3Q-Ey-0.3Ex	4.003	-150.289	11.042	6.2189	0.026	-71.3332	1.25	1.35	0.7	162	16.5375	0.001572184
V_SP_5_l	G+0.3Q-Ey+0.3Ex	-22.401	-162.435	7.713	8.7651	18.223	-80.6825	1.25	1.35	0.7	162	16.5375	1.101919879
V_SP_5_l	G+0.3Q+Ey+0.3Ex	-57.404	-46.333	-8.577	2.8656	27.823	-4.4601	1.25	1.35	0.7	162	16.5375	1.682418745
V_SP_5_l	G+0.3Q+Ey-0.3Ex	-55.466	-106.459	-2.851	6.9595	33.1907	-44.6739	1.25	1.35	0.7	162	16.5375	2.006996221
V_SP_5_l	G+0.3Q-Ey-0.3Ex	32.547	-65.972	8.247	-1.5278	-27.4661	-13.5095	1.25	1.35	0.7	162	16.5375	1.660837491
V_SP_5_l	G+0.3Q-Ey+0.3Ex	30.609	-5.846	2.522	-5.6216	-32.8337	26.7043	1.25	1.35	0.7	162	16.5375	1.985408919
V_SP_5_l	1.35G+1.5Q	-14.95	-28.871	-0.05	0.8507	0.4204	-9.3013	1.25	1.35	0.7	162	16.5375	0.025421013
V_SP_5_r	G+0.3Q+Ex+0.3Ey	-44.346	144.292	-6.725	-4.8811	12.5463	-58.9885	1.25	1.35	0.7	162	16.5375	0.758657596
V_SP_5_r	G+0.3Q+Ex-0.3Ey	-14.587	114.772	-12.609	-7.504	-3.9565	-70.7426	1.25	1.35	0.7	162	16.5375	0.23924412
V_SP_5_r	G+0.3Q-Ey-0.3Ex	19.49	-43.98	6.396	6.2189	-11.7451	70.4822	1.25	1.35	0.7	162	16.5375	0.710210128
V_SP_5_r	G+0.3Q-Ey+0.3Ex	-6.914	-56.126	12.359	8.7651	4.6748	77.5301	1.25	1.35	0.7	162	16.5375	0.28267876
V_SP_5_r	G+0.3Q+Ey+0.3Ex	-62.05	59.975	6.91	2.8656	28.9478	-2.9844	1.25	1.35	0.7	162	16.5375	1.750433862
V_SP_5_r	G+0.3Q+Ey-0.3Ex	-50.82	-0.15	12.635	6.9595	26.5864	37.9712	1.25	1.35	0.7	162	16.5375	1.607643235
V_SP_5_r	G+0.3Q-Ey-0.3Ex	37.193	40.337	-7.239	-1.5278	-28.1466	14.478	1.25	1.35	0.7	162	16.5375	1.701986395
V_SP_5_r	G+0.3Q-Ey+0.3Ex	25.963	100.462	-12.965	-5.6216	-25.7852	-26.4776	1.25	1.35	0.7	162	16.5375	1.559195767
V_SP_5_r	1.35G+1.5Q	-14.95	11.882	-0.05	0.8507	0.4883	2.1664	1.25	1.35	0.7	162	16.5375	0.029526833
V_SP_6_l	G+0.3Q+Ex+0.3Ey	67.218	51.147	-6.912	12.5505	25.2883	32.7031	1.25	1.35	0.7	162	16.5375	1.529148904
V_SP_6_l	G+0.3Q+Ex-0.3Ey	82.895	40.41	-22.986	-5.3742	8.0818	31.7388	1.25	1.35	0.7	162	16.5375	0.488695389
V_SP_6_l	G+0.3Q-Ey-0.3Ex	-67.963	-74.229	7.261	-11.3554	-25.0381	-41.0868	1.25	1.35	0.7	162	16.5375	1.514019652
V_SP_6_l	G+0.3Q-Ey+0.3Ex	-91.056	-62.815	23.531	5.7752	-7.9868	-33.9369	1.25	1.35	0.7	162	16.5375	0.482950869
V_SP_6_l	G+0.3Q+Ey+0.3Ex	-15.121	24.577	22.725	30.1649	33.5351	17.7206	1.25	1.35	0.7	162	16.5375	2.027821618
V_SP_6_l	G+0.3Q+Ey-0.3Ex	-62.603	-9.612	31.858	28.1323	23.5525	-2.2714	1.25	1.35	0.7	162	16.5375	1.424187453
V_SP_6_l	G+0.3Q-Ey-0.3Ex	14.376	-47.658	-22.376	-28.9698	-33.2848	-26.1043	1.25	1.35	0.7	162	16.5375	2.012686319
V_SP_6_l	G+0.3Q-Ey+0.3Ex	61.859	-13.47	-31.509	-26.9372	-23.3023	-6.1123	1.25	1.35	0.7	162	16.5375	1.409058201
V_SP_6_l	1.35G+1.5Q	-12.379	-15.041	0.599	-0.2742	-0.0765	3.9296	1.25	1.35	0.7	162	16.5375	0.00462585
V_SP_6_r	G+0.3Q+Ex+0.3Ey	51.731	78.316	-2.266	12.5505								

# ΕΝΔΥΞΗ ΤΟΥ ΦΟΡΕΑ

## ΕΛΑΦΟΣ ΠΡΕΣΣΟΝ ΕΝΤΟΣ ΕΠΙΠΕΔΟΥ

Αναμειγνύμενο αδρανές		Ποσοστά ανάλογα										Μεγιστά περιεχόμενα										Τύποι βελτιστοποίησης										Κατάλληλα υλικά										Αποδοτικότητα																																																																	
Αριθμ.	Συνολικό βάρος	10%	15%	20%	25%	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%	100%	10%	15%	20%	25%	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%	100%	10%	15%	20%	25%	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%	100%	10%	15%	20%	25%	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%	100%																														
A.1.1	60-30-30-30	44.44	3.28	7.99	12.73	17.48	22.22	27.00	31.78	36.56	41.33	46.11	50.89	55.67	60.44	65.22	70.00	74.78	79.56	84.33	89.11	93.89	98.67	103.44	108.22	113.00	117.78	122.56	127.33	132.11	136.89	141.67	146.44	151.22	156.00	160.78	165.56	170.33	175.11	179.89	184.67	189.44	194.22	199.00	203.78	208.56	213.33	218.11	222.89	227.67	232.44	237.22	242.00	246.78	251.56	256.33	261.11	265.89	270.67	275.44	280.22	285.00	289.78	294.56	299.33	304.11	308.89	313.67	318.44	323.22	328.00	332.78	337.56	342.33	347.11	351.89	356.67	361.44	366.22	371.00	375.78	380.56	385.33	390.11	394.89	399.67	404.44	409.22	414.00	418.78	423.56	428.33	433.11	437.89	442.67	447.44	452.22	457.00	461.78	466.56	471.33	476.11	480.89	485.67	490.44	495.22	500.00
A.1.2	60-30-30-30	44.44	3.28	7.99	12.73	17.48	22.22	27.00	31.78	36.56	41.33	46.11	50.89	55.67	60.44	65.22	70.00	74.78	79.56	84.33	89.11	93.89	98.67	103.44	108.22	113.00	117.78	122.56	127.33	132.11	136.89	141.67	146.44	151.22	156.00	160.78	165.56	170.33	175.11	179.89	184.67	189.44	194.22	199.00	203.78	208.56	213.33	218.11	222.89	227.67	232.44	237.22	242.00	246.78	251.56	256.33	261.11	265.89	270.67	275.44	280.22	285.00	289.78	294.56	299.33	304.11	308.89	313.67	318.44	323.22	328.00	332.78	337.56	342.33	347.11	351.89	356.67	361.44	366.22	371.00	375.78	380.56	385.33	390.11	394.89	399.67	404.44	409.22	414.00	418.78	423.56	428.33	433.11	437.89	442.67	447.44	452.22	457.00	461.78	466.56	471.33	476.11	480.89	485.67	490.44	495.22	500.00
A.1.3	60-30-30-30	44.44	3.28	7.99	12.73	17.48	22.22	27.00	31.78	36.56	41.33	46.11	50.89	55.67	60.44	65.22	70.00	74.78	79.56	84.33	89.11	93.89	98.67	103.44	108.22	113.00	117.78	122.56	127.33	132.11	136.89	141.67	146.44	151.22	156.00	160.78	165.56	170.33	175.11	179.89	184.67	189.44	194.22	199.00	203.78	208.56	213.33	218.11	222.89	227.67	232.44	237.22	242.00	246.78	251.56	256.33	261.11	265.89	270.67	275.44	280.22	285.00	289.78	294.56	299.33	304.11	308.89	313.67	318.44	323.22	328.00	332.78	337.56	342.33	347.11	351.89	356.67	361.44	366.22	371.00	375.78	380.56	385.33	390.11	394.89	399.67	404.44	409.22	414.00	418.78	423.56	428.33	433.11	437.89	442.67	447.44	452.22	457.00	461.78	466.56	471.33	476.11	480.89	485.67	490.44	495.22	500.00
A.1.4	60-30-30-30	44.44	3.28	7.99	12.73	17.48	22.22	27.00	31.78	36.56	41.33	46.11	50.89	55.67	60.44	65.22	70.00	74.78	79.56	84.33	89.11	93.89	98.67	103.44	108.22	113.00	117.78	122.56	127.33	132.11	136.89	141.67	146.44	151.22	156.00	160.78	165.56	170.33	175.11	179.89	184.67	189.44	194.22	199.00	203.78	208.56	213.33	218.11	222.89	227.67	232.44	237.22	242.00	246.78	251.56	256.33	261.11	265.89	270.67	275.44	280.22	285.00	289.78	294.56	299.33	304.11	308.89	313.67	318.44	323.22	328.00	332.78	337.56	342.33	347.11	351.89	356.67	361.44	366.22	371.00	375.78	380.56	385.33	390.11	394.89	399.67	404.44	409.22	414.00	418.78	423.56	428.33	433.11	437.89	442.67	447.44	452.22	457.00	461.78	466.56	471.33	476.11	480.89	485.67	490.44	495.22	500.00
A.1.5	60-30-30-30	44.44	3.28	7.99	12.73	17.48	22.22	27.00	31.78	36.56	41.33	46.11	50.89	55.67	60.44	65.22	70.00	74.78	79.56	84.33	89.11	93.89	98.67	103.44	108.22	113.00	117.78	122.56	127.33	132.11	136.89	141.67	146.44	151.22	156.00	160.78	165.56	170.33	175.11	179.89	184.67	189.44	194.22	199.00	203.78	208.56	213.33	218.11	222.89	227.67	232.44	237.22	242.00	246.78	251.56	256.33	261.11	265.89	270.67	275.44	280.22	285.00	289.78	294.56	299.33	304.11	308.89	313.67	318.44	323.22	328.00	332.78	337.56	342.33	347.11	351.89	356.67	361.44	366.22	371.00	375.78	380.56	385.33	390.11	394.89	399.67	404.44	409.22	414.00	418.78	423.56	428.33	433.11	437.89	442.67	447.44	452.22	457.00	461.78	466.56	471.33	476.11	480.89	485.67	490.44	495.22	500.00









V_P_A_0	6.0-30-04-04	-11.075	-30.324	20.844	1.278	21.8966	41.9766	3	1.25	0.7	2020	300	-46.620	131.041	0.83361	231.464	140.2776	15	0.07871	13.5095	62.20026	280.261	341.2802	128.7865	238.76018	0.30813	Kuwait	0.53626524	OilPlatform	0.1388002
V_P_A_0	6.0-30-04-04	-07.945	-30.908	16.877	13.425	14.0551	5.9866	3	1.25	0.7	2020	300	0.761	120.811	1.54	146.996	47.8417	15	0.20671	12.6222	46.70139	292.016	315.0363	454.438	380.70546	0.31671	RigUp Oil&Gas	0.53626524	OilPlatform	0.1388002
V_P_A_0	6.0-30-04-04	-46.811	27.386	40.573	13.105	45.4179	78.2005	3	1.25	0.7	2020	300	800.491	131.355	145.5051	402.817	15	0.20775	17.6605	62.17381	389.584	484.82026	424.0268	380.09398	0.30775	RigUp Oil&Gas	0.53626524	OilPlatform	0.1388002	
V_P_A_0	1.00-1-10	286.64	12.171	11.518	0.741	30.8437	18.8117	1.25	0.7	2020	300	530.714	181.705	135	455.2489	390.643	15	0.07249	136.6566	103.62668	362.077	462.1776	421.0771	387.95161	0.21935	RigUp Oil&Gas	0.53626524	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-34.445	136.438	1.902	1.835	4.2443	17.0686	3	1.25	0.7	2020	300	791.613	18.2946	1.21218	325.8883	15	0.16972	139.204	104.48622	345.1055	448.79309	368.7274	345.2415414	0.18359	Kuwait	1.13762436	OilPlatform	0.0611218	
V_P_A_0	6.0-30-04-04	-39.723	131.179	1.154	1.203	6.231	48.7151	1.25	0.7	2020	300	380.821	14.0264	1.1021	325.8883	15	0.16972	139.204	104.48622	345.1055	448.79309	368.7274	345.2415414	0.18359	Kuwait	1.13762436	OilPlatform	0.0611218		
V_P_A_0	6.0-30-04-04	-62.12	60.231	0.21	1.6673	10.5055	43.275	3	1.25	0.7	2020	300	341.035	104.621	0.0611218	131.5177	10.739	15	0.06062	42.2273	105.26446	287.1179	348.34424	210.0420	211.00822	0.27706	Kuwait	2.24076809	OilPlatform	0.4073715
V_P_A_0	6.0-30-04-04	-18.809	-69.969	0.738	-4.072	1.0392	25.114	1.25	0.7	2020	300	380.275	107.879	0.07871	131.5177	10.739	15	0.06062	42.2273	105.26446	287.1179	348.34424	210.0420	211.00822	0.27706	Kuwait	2.24076809	OilPlatform	0.4073715	
V_P_A_0	6.0-30-04-04	-12.11	0.411	6.186	5.4069	0.2111	11.114	1.25	0.7	2020	300	377.473	21.6087	1.15	156.813	131.72	15	0.06463	46.5885	104.47332	276.815	305.40777	215.2268	276.5145457	0.06463	RigUp Oil&Gas	0.53626524	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-40.025	-30.254	1.798	5.8166	-4.4471	15.114	1.25	0.7	2020	300	129.235	17.6888	0.07974	143.7724	15	0.02774	77.8269	278.94443	239.661	320.0154	216.7932	216.7932	216.7932	0.02774	RigUp Oil&Gas	0.53626524	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-18.749	41.806	4.029	2.117	6.8276	33.8906	3	1.25	0.7	2020	300	705.946	139.871	1.25	40.5889	37.564	15	0.19918	12.4265	41.62814	303.869	471.4354	413.1276	380.80249	0.19918	RigUp Oil&Gas	0.53626524	OilPlatform	0.1388002
V_P_A_0	1.00-1-10	-28.824	-61.874	0.476	4.876	2.117	33.8906	3	1.25	0.7	2020	300	312.109	145.8464	1.52123	35.7959	69.916	15	0.08211	89.7072	212.88173	312.307	324.6979	241.324	348.99726	0.08211	RigUp Oil&Gas	0.53626524	OilPlatform	0.1388002
V_P_A_0	6.0-30-04-04	-170.188	60.584	1.138	1.2728	0.243	45.8138	1.25	0.7	2020	300	305.852	1.87651	1.8999	151.5021	170.2488	1075	0.06077	116.6211	112.07843	353.955	300.7874	401.2514	351.05335	0.06077	Kuwait	0.57102327	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-179.76	42.203	1.156	1.1807	1.4749	43.8117	1.25	0.7	2020	300	304.824	14.56311	1.8999	151.5021	170.2488	1075	0.06077	116.6211	112.07843	353.955	300.7874	401.2514	351.05335	0.06077	Kuwait	0.57102327	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-14.514	-55.253	-1.748	-1.9764	-1.5009	35.4687	1.25	0.7	2020	300	375.214	14.8625	1.15	150.871	174.316	1075	0.07132	131.2462	118.51174	356.741	362.17714	405.804	356.18475	0.07132	RigUp Oil&Gas	0.53626524	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-179.76	42.203	1.156	1.1807	1.4749	43.8117	1.25	0.7	2020	300	304.824	14.56311	1.8999	151.5021	170.2488	1075	0.06077	116.6211	112.07843	353.955	300.7874	401.2514	351.05335	0.06077	Kuwait	0.57102327	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-179.76	42.203	1.156	1.1807	1.4749	43.8117	1.25	0.7	2020	300	304.824	14.56311	1.8999	151.5021	170.2488	1075	0.06077	116.6211	112.07843	353.955	300.7874	401.2514	351.05335	0.06077	Kuwait	0.57102327	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-179.76	42.203	1.156	1.1807	1.4749	43.8117	1.25	0.7	2020	300	304.824	14.56311	1.8999	151.5021	170.2488	1075	0.06077	116.6211	112.07843	353.955	300.7874	401.2514	351.05335	0.06077	Kuwait	0.57102327	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-179.76	42.203	1.156	1.1807	1.4749	43.8117	1.25	0.7	2020	300	304.824	14.56311	1.8999	151.5021	170.2488	1075	0.06077	116.6211	112.07843	353.955	300.7874	401.2514	351.05335	0.06077	Kuwait	0.57102327	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-179.76	42.203	1.156	1.1807	1.4749	43.8117	1.25	0.7	2020	300	304.824	14.56311	1.8999	151.5021	170.2488	1075	0.06077	116.6211	112.07843	353.955	300.7874	401.2514	351.05335	0.06077	Kuwait	0.57102327	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-179.76	42.203	1.156	1.1807	1.4749	43.8117	1.25	0.7	2020	300	304.824	14.56311	1.8999	151.5021	170.2488	1075	0.06077	116.6211	112.07843	353.955	300.7874	401.2514	351.05335	0.06077	Kuwait	0.57102327	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-179.76	42.203	1.156	1.1807	1.4749	43.8117	1.25	0.7	2020	300	304.824	14.56311	1.8999	151.5021	170.2488	1075	0.06077	116.6211	112.07843	353.955	300.7874	401.2514	351.05335	0.06077	Kuwait	0.57102327	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-179.76	42.203	1.156	1.1807	1.4749	43.8117	1.25	0.7	2020	300	304.824	14.56311	1.8999	151.5021	170.2488	1075	0.06077	116.6211	112.07843	353.955	300.7874	401.2514	351.05335	0.06077	Kuwait	0.57102327	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-179.76	42.203	1.156	1.1807	1.4749	43.8117	1.25	0.7	2020	300	304.824	14.56311	1.8999	151.5021	170.2488	1075	0.06077	116.6211	112.07843	353.955	300.7874	401.2514	351.05335	0.06077	Kuwait	0.57102327	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-179.76	42.203	1.156	1.1807	1.4749	43.8117	1.25	0.7	2020	300	304.824	14.56311	1.8999	151.5021	170.2488	1075	0.06077	116.6211	112.07843	353.955	300.7874	401.2514	351.05335	0.06077	Kuwait	0.57102327	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-179.76	42.203	1.156	1.1807	1.4749	43.8117	1.25	0.7	2020	300	304.824	14.56311	1.8999	151.5021	170.2488	1075	0.06077	116.6211	112.07843	353.955	300.7874	401.2514	351.05335	0.06077	Kuwait	0.57102327	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-179.76	42.203	1.156	1.1807	1.4749	43.8117	1.25	0.7	2020	300	304.824	14.56311	1.8999	151.5021	170.2488	1075	0.06077	116.6211	112.07843	353.955	300.7874	401.2514	351.05335	0.06077	Kuwait	0.57102327	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-179.76	42.203	1.156	1.1807	1.4749	43.8117	1.25	0.7	2020	300	304.824	14.56311	1.8999	151.5021	170.2488	1075	0.06077	116.6211	112.07843	353.955	300.7874	401.2514	351.05335	0.06077	Kuwait	0.57102327	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-179.76	42.203	1.156	1.1807	1.4749	43.8117	1.25	0.7	2020	300	304.824	14.56311	1.8999	151.5021	170.2488	1075	0.06077	116.6211	112.07843	353.955	300.7874	401.2514	351.05335	0.06077	Kuwait	0.57102327	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-179.76	42.203	1.156	1.1807	1.4749	43.8117	1.25	0.7	2020	300	304.824	14.56311	1.8999	151.5021	170.2488	1075	0.06077	116.6211	112.07843	353.955	300.7874	401.2514	351.05335	0.06077	Kuwait	0.57102327	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-179.76	42.203	1.156	1.1807	1.4749	43.8117	1.25	0.7	2020	300	304.824	14.56311	1.8999	151.5021	170.2488	1075	0.06077	116.6211	112.07843	353.955	300.7874	401.2514	351.05335	0.06077	Kuwait	0.57102327	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-179.76	42.203	1.156	1.1807	1.4749	43.8117	1.25	0.7	2020	300	304.824	14.56311	1.8999	151.5021	170.2488	1075	0.06077	116.6211	112.07843	353.955	300.7874	401.2514	351.05335	0.06077	Kuwait	0.57102327	OilPlatform	0.1388002	
V_P_A_0	6.0-30-04-04	-179.76	42.203	1.156	1.1807	1.4749	43.8117	1.25	0.7	2020	300	304.824	14.56311	1.8999	151.5021	170.2488	1075	0.0												

ΕΛΕΓΧΟΣ ΠΕΣΣΩΝ ΕΚΤΟΣ ΕΠΙΠΕΔΟΥ ΠΕΡΙ ΟΡΙΖΟΝΤΙΟ ΑΞΟΝΑ

Αποτελέσματα ανάλυσης										Γεωμετρικά στοιχεία			Μηχανικά χαρακτηριστικά	Τάσεις διατομής					Έλεγχος σε ελάφυν	Ανοχή σε κμψήλ	Έλεγχος σε κμψήλ
Διατομή	Συνδυασμός δράσεων	P (KN)	V2 (KN)	V3 (KN)	T (KNm)	M2 (KNm)	M3 (KNm)	H (m)	L (m)	t (m)	σf (KPa)	σt (KPa)	σc (KPa)	σd (KPa)	Nd (KN)	Έλεγχος σε ελάφυν	Ανοχή σε κμψήλ	Έλεγχος σε κμψήλ			
A_P_1_b	G+0.3Q+Ex+0.3Ey	-19.13	-42.732	29.243	-3.4677	41.0275	-11.4235	3	1.125	0.7	1870	-470.835	422.281	0.369208	235.4173	97.73491	0.125892	56.71818322	0.723357091		
A_P_1_b	G+0.3Q+Ex+0.3Ey	-84.624	3.28	28.995	-3.3377	41.2784	40.6985	3	1.125	0.7	1870	-556.748	341.829	0.433712	278.3739	135.8257	0.148863	65.3050156	0.632086213		
A_P_1_b	G+0.3Q+Ex+0.3Ey	-541.185	35.977	-54.211	11.3589	-56.9284	-9.6892	3	1.125	0.7	1870	-1306.85	-67.5902	0.7	687.219	541.185	0.367497	45.19054323	0.475173779		
A_P_1_b	G+0.3Q+Ex+0.3Ey	-475.699	-10.036	-53.963	11.2289	-57.1793	-61.8111	3	1.125	0.7	1870	-1226.4	18.3229	0.689696	613.1983	475.7852	0.327914	113.5912015	0.503377896		
A_P_1_b	G+0.3Q+Ex+0.3Ey	-102.491	-84.969	0.411	1.5245	6.3624	-89.8681	3	1.125	0.7	1870	-199.398	60.8967	0.7	130.1473	102.491	0.695957	33.37525937	0.190632226		
A_P_1_b	G+0.3Q+Ex+0.3Ey	-239.459	-75.16	-24.551	5.9355	-23.0996	-104.9843	3	1.125	0.7	1870	-555.499	-52.6507	0.7	304.0749	239.459	0.162607	70.18245923	0.329136372		
A_P_1_b	G+0.3Q+Ex+0.3Ey	-457.812	78.214	-25.378	6.3668	-22.2633	68.7554	3	1.125	0.7	1870	-823.67	-339.027	0.7	581.3486	457.812	0.310882	110.4203373	0.201623184		
A_P_1_b	G+0.3Q+Ex+0.3Ey	-320.844	68.405	-0.416	1.9578	7.1988	83.8717	3	1.125	0.7	1870	-485.775	-329.067	0.7	407.421	320.844	0.219877	87.82959785	0.081963482		
A_P_1_b	1.35G+1.5Q	-433.552	-5.73	-19.721	6.0571	-12.8413	-17.046	3	1.125	0.7	1870	-690.311	-410.773	0.7	550.5422	433.552	0.294408	70.16688478	0.119934979		
A_P_1_1	G+0.3Q+Ex+0.3Ey	-178.659	-49.23	10.524	3.7538	-10.3288	19.1592	3	1.125	0.7	1870	-339.291	-114.446	0.7	226.8666	178.659	0.12132	54.94442581	0.187986312		
A_P_1_1	G+0.3Q+Ex+0.3Ey	-133.216	-7.321	10.257	4.7822	-11.6348	-3.805	3	1.125	0.7	1870	-295.8	-42.5259	0.7	166.166	133.216	0.090462	42.40777406	0.274355357		
A_P_1_1	G+0.3Q+Ex+0.3Ey	-315.561	11.098	-7.131	-0.6645	16.4525	23.5557	3	1.125	0.7	1870	-579.787	-221.638	0.7	400.7124	315.561	0.214285	66.7793785	0.189589953		
A_P_1_1	G+0.3Q+Ex+0.3Ey	-361.004	-30.81	-6.865	-1.6929	17.7585	46.5199	3	1.125	0.7	1870	-651.708	-265.128	0.7	458.4178	361.004	0.245143	95.3772139	0.18619227		
A_P_1_1	G+0.3Q+Ex+0.3Ey	-295.496	-91.677	4.748	0.6477	1.0254	55.527	3	1.125	0.7	1870	-386.394	-364.072	0.7	375.233	295.496	0.200559	62.67065891	0.012403429		
A_P_1_1	G+0.3Q+Ex+0.3Ey	-350.2	-86.151	-0.468	-0.9863	9.4516	63.7352	3	1.125	0.7	1870	-547.573	-341.824	0.7	444.6984	350.2	0.237807	92.4022044	0.101170987		
A_P_1_1	G+0.3Q+Ex+0.3Ey	-198.724	53.545	-1.356	2.4416	5.0983	-12.8121	3	1.125	0.7	1870	-307.84	-196.856	0.7	252.3479	198.724	0.13945	60.16748718	0.084735133		
A_P_1_1	G+0.3Q+Ex+0.3Ey	-144.02	48.02	3.861	4.0756	-3.3279	-21.0203	3	1.125	0.7	1870	-219.105	-146.66	0.7	182.8825	144.02	0.097798	45.47728867	0.073177186		
A_P_1_1	1.35G+1.5Q	-384.514	-30.199	2.311	2.1784	5.1578	34.1786	3	1.125	0.7	1870	-544.411	-432.132	0.7	488.2717	384.514	0.261108	99.44002687	0.051868499		
A_P_10_b	G+0.3Q+Ex+0.3Ey	-173.5	-21.193	28.16	8.659	29.2467	-19.2075	3.15	1.15	0.7	2240	-526.939	95.8823	0.592235	263.4696	179.4414	0.11762	65.50129211	0.446505066		
A_P_10_b	G+0.3Q+Ex+0.3Ey	-152.483	-10.21	27.948	8.5681	30.1505	-5.4092	3.15	1.15	0.7	2240	-510.454	131.6147	0.55651	255.2272	163.3421	0.113941	63.716756	0.472195708		
A_P_10_b	G+0.3Q+Ex+0.3Ey	-162.1	4.99	-30.077	-7.1039	-25.0187	-2.6378	3.15	1.15	0.7	2240	-467.759	65.02609	0.614565	233.8795	165.2944	0.10441	59.01536317	0.423935373		
A_P_10_b	G+0.3Q+Ex+0.3Ey	-183.116	-9.599	-30.218	-7.013	-25.9225	-16.4362	3.15	1.15	0.7	2240	-503.489	48.54268	0.638446	251.7446	184.8341	0.112386	62.95761905	0.411745247		
A_P_10_b	G+0.3Q+Ex+0.3Ey	-201.384	-28.612	8.569	3.2799	8.883	-34.3356	3.15	1.15	0.7	2240	-344.75	-155.583	0.7	250.1665	201.384	0.113681	62.61259864	0.141872403		
A_P_10_b	G+0.3Q+Ex+0.3Ey	-204.269	-24.052	-8.944	-1.4217	-7.6678	-33.5042	3.15	1.15	0.7	2240	-335.395	-172.106	0.7	253.705	204.269	0.113281	63.39519341	0.120952388		
A_P_10_b	G+0.3Q+Ex+0.3Ey	-134.215	12.443	-11.35	-1.7247	-4.655	12.4902	3.15	1.15	0.7	2240	-216.292	-117.161	0.7	166.7267	134.215	0.074432	43.7880857	0.107063651		
A_P_10_b	G+0.3Q+Ex+0.3Ey	-131.33	7.883	6.164	2.9769	11.8958	11.6588	3.15	1.15	0.7	2240	-289.806	-36.4795	0.7	163.1429	131.33	0.072832	42.61775759	0.279127778		
A_P_10_b	1.35G+1.5Q	-251.618	-12.228	-2.226	0.9604	2.4316	-16.1801	3.15	1.15	0.7	2240	-338.46	-286.678	0.7	312.5689	251.618	0.13954	75.7755428	0.02308658		
A_P_10_1	G+0.3Q+Ex+0.3Ey	-140.492	9.261	1.575	0.8322	-4.5572	-5.1571	3.15	1.15	0.7	2240	-233.048	-126	0.7	174.5242	140.492	0.077913	45.34106606	0.10059326		
A_P_10_1	G+0.3Q+Ex+0.3Ey	-149.079	27.87	1.859	0.8568	-4.3972	-32.8557	3.15	1.15	0.7	2240	-232.012	-138.371	0.7	185.1913	149.079	0.082675	47.86387899	0.09186886		
A_P_10_1	G+0.3Q+Ex+0.3Ey	-157.971	19.295	-3.736	-0.8137	14.4677	-22.5014	3.15	1.15	0.7	2240	-350.286	-42.189	0.7	196.2373	157.971	0.087606	50.44613167	0.286795303		
A_P_10_1	G+0.3Q+Ex+0.3Ey	-149.384	0.686	-4.02	-0.8383	14.3076	5.1971	3.15	1.15	0.7	2240	-337.914	-33.2266	0.7	185.3702	149.384	0.082844	47.95295989	0.028637401		
A_P_10_1	G+0.3Q+Ex+0.3Ey	-133.586	-15.451	-0.714	0.2189	1.8588	30.7819	3.15	1.15	0.7	2240	-185.737	-146.153	0.7	165.9453	133.586	0.074083	43.291354	0.04293698		
A_P_10_1	G+0.3Q+Ex+0.3Ey	-136.253	-18.024	-2.392	-0.2823	7.5182	-33.8882	3.15	1.15	0.7	2240	-249.31	-89.2066	0.7	169.2584	136.253	0.075562	44.0851832	0.102938274		
A_P_10_1	G+0.3Q+Ex+0.3Ey	-164.878	44.007	-1.447	-0.2004	8.0516	-58.4405	3.15	1.15	0.7	2240	-290.549	-119.086	0.7	204.8174	164.878	0.091436	52.42075582	0.153665353		
A_P_10_1	G+0.3Q+Ex+0.3Ey	-162.21	46.58	0.232	3.0008	2.3922	-61.5467	3.15	1.15	0.7	2240	-226.975	-176.032	0.7	201.5031	162.21	0.089957	51.66634082	0.046300937		
A_P_10_1	1.35G+1.5Q	-223.858	21.849	-1.954	-0.0532	7.1874	-21.3466	3.15	1.15	0.7	2240	-354.614	-201.555	0.7	278.085	223.858	0.124145	68.62351348	0.104736695		
A_P_11_b	G+0.3Q+Ex+0.3Ey	-129.273	16.456	17.707	-1.4412	14.7705	16.8664	2.15	1.15	0.7	2240	-317.86	-3.31517	0.7	160.5876	129.273	0.071691	42.00185657	0.35160236		
A_P_11_b	G+0.3Q+Ex+0.3Ey	-135.778	44.759	17.999	-1.419	15.3397	45.5425	2.15	1.15	0.7	2240	-332.001	-5.33523	0.7	168.6683	135.778	0.075298	43.94394889	0.349074228		
A_P_11_b	G+0.3Q+Ex+0.3Ey	-139.953	23.131	-19.736	1.0058	-12.6319	-20.2226	2.15	1.15	0.7	2240	-308.356	-39.3525	0.7	173.8547	139.953	0.077614	45.18175609	0.27957966		
A_P_11_b	G+0.3Q+Ex+0.3Ey	-133.447	-5.172	-20.029	0.9836	-13.2011	-8.4536	2.15	1.15	0.7	2240	-306.335	-25.2108	0.7	165.7727	133.447	0.074006	43.2499085	0.305228391		
A_P_11_b	G+0.3Q+Ex+0.3Ey	-123.144	-24.135	4.109	-0.6183	4.3164	-25.4512	2.15	1.15	0.7	2240	-198.934	-107.014	0.7	152.7939	123.144	0.068292	40.1569907	0.107488134		
A_P_11_b	G+0.3Q+Ex+0.3Ey	-124.396	-30.623	-7.162	0.1091	-4.0751	-33.0471	2.15	1.15	0.7	2240	-197.92	-111.139	0.7	154.5292	124.396	0.068986	40.5305234	0.100532756		
A_P_11_b	G+0.3Q+Ex+0.3Ey	-146.082	63.722	-6.188	0.183	-2.1778	62.5401	2.15	1.15	0.7	2240	-204.657	-158.28	0.7	181.4683	146.082	0.081013	46.98662882	0.046349355		
A_P_11_b	G+0.3Q+Ex+0.3Ey	-144.829	70.21	5.133	-0.5445	6.2137	-70.1361	2.15	1.15	0.7	2240	-246.074	-113.75	0.7	179.9118	144.829	0.080318	46.61883027	0.133287343		
A_P_11_b	1.35G+1.5Q	-200.971	30.612	-2.011	-0.3832	4.0424	28.8094	2.15	1.15	0.7	2240	-253.938	-245.369	0.7	249.534	200.971	0.111452	62.50030364	0.068438969		
A_P_11_1	G+0.3Q+Ex+0.3Ey	-89.465	20.994	1.381	-1.4412	-5.749	-23.3925	2.15	1.15	0.7	2240	-172.35	-49.9228	0.7	111.3366	89.465	0.049615	39.79211825	0.191848078		
A_P_11_1	G+0.3Q+Ex+0.3Ey	-95.971	40.221	1.673	-1.419	-5.8081	-45.8111	2.15	1.15	0.7											



A_P_4_t	G+0.3Q+Ex+0.3Ey	-181.361	0.318	9.153	0.5888	-14.9776	0.9935	3	0.65	0.65	2800	-756.487	-102.027	0.65	429.2568	181.361	0.153306	49.90611282	0.30011554
A_P_4_t	G+0.3Q+Ex-0.3Ey	-169.222	8.478	9.686	1.1207	-15.4261	-12.4389	3	0.65	0.65	2800	-737.554	-63.4964	0.65	400.5254	169.222	0.143045	47.1300919	0.327308919
A_P_4_t	G+0.3Q+Ex+0.3Ey	-231.135	0.378	-6.252	-0.9002	10.2366	-1.8889	3	0.65	0.65	2800	-770.714	-323.416	0.65	547.0651	231.135	0.19538	60.4421999	0.169362028
A_P_4_t	G+0.3Q+Ex-0.3Ey	-243.274	-7.783	-6.785	-1.4321	10.6852	11.5434	3	0.65	0.65	2800	-809.246	-342.346	0.65	575.0964	243.274	0.205642	62.80519311	0.171032428
A_P_4_t	G+0.3Q+Ex+0.3Ey	-217.193	-12.038	2.953	-0.739	-5.4723	20.357	3	0.65	0.65	2800	-633.625	-394.508	0.65	514.7664	217.193	0.183595	57.62816477	0.094958776
A_P_4_t	G+0.3Q+Ex-0.3Ey	-235.766	-14.468	-1.828	-1.3452	2.2265	23.522	3	0.65	0.65	2800	-606.671	-509.382	0.65	568.2026	235.766	0.192995	52.35315891	0.036289888
A_P_4_t	G+0.3Q+Ex+0.3Ey	-195.303	12.733	-0.051	0.4276	0.7314	-21.2525	3	0.65	0.65	2800	-478.235	-446.276	0.65	462.2556	195.303	0.165091	52.99456929	0.013801417
A_P_4_t	G+0.3Q+Ex-0.3Ey	-176.729	15.163	1.73	1.0338	-6.9674	-24.4174	3	0.65	0.65	2800	-570.517	-266.07	0.65	418.2935	176.729	0.149391	48.85639219	0.142609793
A_P_4_t	1.35G+1.5Q	-320.281	0.652	4.74	-0.2696	-2.9055	-0.8617	3	0.65	0.65	2800	-821.541	-694.582	0.65	758.015	320.281	0.270736	75.90102858	0.038275575
A_P_5_b	G+0.3Q+Ex+0.3Ey	-174.485	0.396	19.451	0.0021	28.4297	1.5909	3	0.65	0.65	2800	-1034.11	208.1491	0.541088	517.0568	181.8527	0.184663	57.88758162	0.491119152
A_P_5_b	G+0.3Q+Ex-0.3Ey	-154.837	14.256	20.385	0.5486	30.4581	21.1872	3	0.65	0.65	2800	-1031.93	298.9697	0.503985	515.9629	169.0245	0.184272	57.9279575	0.527022436
A_P_5_b	G+0.3Q+Ex+0.3Ey	-243.337	3.787	-18.106	-0.7442	-26.7199	4.3551	3	0.65	0.65	2800	-1159.72	7.830132	0.645641	579.8606	243.3481	0.207093	63.13292387	0.423232418
A_P_5_b	G+0.3Q+Ex-0.3Ey	-262.986	-10.073	-19.039	-1.2908	-28.7483	-15.2412	3	0.65	0.65	2800	-1250.54	5.640055	0.647802	625.2721	262.9913	0.223311	66.68467193	0.431108067
A_P_5_b	G+0.3Q+Ex+0.3Ey	-228.384	-19.438	4.891	-1.0881	6.0509	-27.1626	3	0.65	0.65	2800	-672.754	-408.354	0.65	540.5538	228.384	0.193055	59.89533531	0.101024562
A_P_5_b	G+0.3Q+Ex-0.3Ey	-254.934	-22.578	-6.656	-1.476	-11.1025	-32.2122	3	0.65	0.65	2800	-845.961	-360.827	0.65	603.394	254.934	0.215498	64.99878507	0.170810885
A_P_5_b	G+0.3Q+Ex+0.3Ey	-189.439	23.621	-3.546	0.346	-4.3411	33.1086	3	0.65	0.65	2800	-543.221	-353.532	0.65	448.3763	189.439	0.160134	51.70857250	0.083953198
A_P_5_b	G+0.3Q+Ex-0.3Ey	-162.889	26.762	8.002	0.7338	12.8123	38.1582	3	0.65	0.65	2800	-665.459	-105.613	0.65	385.5361	162.889	0.137691	45.649687	0.28066567
A_P_5_b	1.35G+1.5Q	-322.68	3.333	0.54	-0.5377	0.5831	4.7521	3	0.65	0.65	2800	-776.479	-751	0.65	763.7396	322.68	0.276674	76.26594989	0.007645614
A_P_5_t	G+0.3Q+Ex+0.3Ey	-149.135	3.286	9.055	0.0021	-14.3292	-3.9327	3	0.65	0.65	2800	-666.046	-39.9183	0.65	352.9822	149.135	0.126056	42.35864197	0.3382828
A_P_5_t	G+0.3Q+Ex-0.3Ey	-129.487	11.366	9.988	0.5486	-15.1006	-12.7405	3	0.65	0.65	2800	-636.396	23.43942	0.62691	318.1978	129.6629	0.113642	38.7272268	0.38992059
A_P_5_t	G+0.3Q+Ex+0.3Ey	-217.987	0.897	-7.709	-0.7442	12.0032	-2.6207	3	0.65	0.65	2800	-778.191	-253.7	0.65	515.9456	217.987	0.184266	57.79128814	0.073999125
A_P_5_t	G+0.3Q+Ex-0.3Ey	-237.636	-7.182	-8.643	-1.2908	12.7746	10.6416	3	0.65	0.65	2800	-841.551	-283.353	0.65	562.4521	237.636	0.200876	61.17772514	0.206984298
A_P_5_t	G+0.3Q+Ex+0.3Ey	-203.034	-9.804	1.772	-1.0881	-3.9429	16.6994	3	0.65	0.65	2800	-566.698	-394.409	0.65	480.5538	203.034	0.171626	54.66110353	0.07213356
A_P_5_t	G+0.3Q+Ex-0.3Ey	-229.584	-12.944	-3.537	-1.476	4.1882	21.0717	3	0.65	0.65	2800	-634.898	-451.89	0.65	543.394	229.584	0.194609	60.13435685	0.069647373
A_P_5_t	G+0.3Q+Ex+0.3Ey	-164.089	13.987	-0.426	0.346	1.617	-23.3027	3	0.65	0.65	2800	-423.705	-353.048	0.65	388.3763	164.089	0.137806	45.93189205	0.035204298
A_P_5_t	G+0.3Q+Ex-0.3Ey	-137.539	17.127	4.883	0.7338	-6.5142	-27.675	3	0.65	0.65	2800	-467.858	-183.214	0.65	325.5361	137.539	0.116263	39.50320433	0.164903082
A_P_5_t	1.35G+1.5Q	-284.655	3.333	0.54	-0.5377	-1.0379	-5.246	3	0.65	0.65	2800	-696.416	-651.064	0.65	673.7396	284.655	0.240621	70.25230659	0.014773892
A_P_6_b	G+0.3Q+Ex+0.3Ey	-26.93	33.477	35.163	6.3992	50.5202	-4.2194	3	1.125	0.7	1870	-584.077	515.6829	0.371766	292.0383	122.1413	0.15617	67.92243417	0.743792542
A_P_6_b	G+0.3Q+Ex-0.3Ey	71.327	85.477	40.087	8.0599	57.0941	48.6316	3	1.125	0.7	1870	-530.858	712.0063	0.298987	265.4292	89.27998	0.141941	62.77469217	0.909508243
A_P_6_b	G+0.3Q+Ex+0.3Ey	-524.869	-24.758	-61.112	-14.2741	-67.9297	29.2895	3	1.125	0.7	1870	-1405.87	72.87057	0.665505	702.9356	526.2829	0.375901	120.916992	0.561787842
A_P_6_b	G+0.3Q+Ex-0.3Ey	-623.127	-76.758	-66.036	-15.9349	-74.5036	-23.5615	3	1.125	0.7	1870	-1602.2	19.65116	0.691518	801.098	623.2208	0.428395	126.211966	0.59030356
A_P_6_b	G+0.3Q+Ex+0.3Ey	-350.233	-65.772	-6.002	-3.3553	-9.0076	-72.6487	3	1.125	0.7	1870	-454.619	-344.862	0.7	444.7403	350.233	0.237829	93.42809681	0.009714422
A_P_6_b	G+0.3Q+Ex-0.3Ey	-529.092	-98.843	-36.362	-10.0555	-38.4148	-78.4513	3	1.125	0.7	1870	-1089.98	-253.743	0.7	671.8629	529.092	0.359285	118.6490225	0.323768365
A_P_6_b	G+0.3Q+Ex+0.3Ey	-201.566	74.494	-19.947	-4.5196	-16.5018	97.7188	3	1.125	0.7	1870	-435.568	-76.3454	0.7	255.9588	201.566	0.136875	60.8918071	0.271001975
A_P_6_b	G+0.3Q+Ex-0.3Ey	-22.707	107.562	10.413	2.1806	21.0053	103.5214	3	1.125	0.7	1870	-257.463	199.7948	0.394141	128.7317	57.0808	0.068884	33.0390994	0.675079652
A_P_6_b	1.35G+1.5Q	-423.693	7.121	-20.508	-6.094	-14.1446	20.301	3	1.125	0.7	1870	-691.978	-384.068	0.7	583.0229	423.693	0.287713	105.6268915	0.133910975
A_P_6_t	G+0.3Q+Ex+0.3Ey	-205.495	53.31	13.626	-3.3808	-14.0825	-15.4427	3	1.125	0.7	1870	-414.225	-107.667	0.7	260.946	205.495	0.139543	61.8864001	0.279552417
A_P_6_t	G+0.3Q+Ex-0.3Ey	-249.761	101.392	15.853	-2.4629	-14.6169	-38.7913	3	1.125	0.7	1870	-476.252	-158.061	0.7	317.1568	249.761	0.169603	72.5903147	0.201361583
A_P_6_t	G+0.3Q+Ex+0.3Ey	-281.118	-13.038	-11.342	0.8169	21.5097	-28.9623	3	1.125	0.7	1870	-591.094	-122.856	0.7	356.9752	281.118	0.190896	79.60880223	0.27019246
A_P_6_t	G+0.3Q+Ex-0.3Ey	-236.851	-61.12	-13.659	-0.101	22.0441	-5.6134	3	1.125	0.7	1870	-540.699	-60.8274	0.7	300.7632	236.851	0.160836	69.56849781	0.316885933
A_P_6_t	G+0.3Q+Ex+0.3Ey	-164.825	-42.837	1.51	-3.3038	-0.8147	15.2379	3	1.125	0.7	1870	-218.169	-200.434	0.7	209.3016	164.825	0.111926	51.23187998	0.015902208
A_P_6_t	G+0.3Q+Ex-0.3Ey	-174.232	-77.166	-6.649	-2.3198	10.0233	18.1867	3	1.125	0.7	1870	-330.344	-112.15	0.7	221.247	174.232	0.118314	53.76627669	0.186423547
A_P_6_t	G+0.3Q+Ex+0.3Ey	-321.788	83.108	0.774	0.7399	8.2418	-59.643	3	1.125	0.7	1870	-498.326	-318.913	0.7	408.6197	321.788	0.128513	88.01557613	0.093460244
A_P_6_t	G+0.3Q+Ex-0.3Ey	-312.381	117.438	8.933	-0.244	-2.5962	-62.5918	3	1.125	0.7	1870	-424.932	-368.416	0.7	396.6743	312.381	0.211225	86.14098181	0.030138965
A_P_6_t	1.35G+1.5Q	-374.257	31.458	1.819	-1.6866	6.2588	-35.113	3	1.125	0.7	1870	-543.37	-407.124	0.7	475.247	374.257	0.251443	97.69980097	0.064061543
A_P_7_b	G+0.3Q+Ex+0.3Ey	-91.352	-33.804	13.308	6.8414	8.572	-6.6357	2.15	1.375	0.7	2240	-171.248	-18.5742	0.7	94.9117	91.352	0.042371	30.6184617	0.279961811
A_P_7_b	G+0.3Q+Ex-0.3Ey	-93.231	-7.41	12.2	5.926	8.4899	9.2131	2.15	1.375	0.7	2240	-172.469	-21.2576	0.7	96.8638	93.231	0.043243	31.2198079	0.21918079
A_P_7_b	G+0.3Q+Ex+0.3Ey	-195.938	27.081	-13.467	-6.9659	-5.8945	9.1536	2.15	1.375	0.7	2240	-256.065	-151.079	0.7	203.5719	195.938	0.09008	62.34588119	0.094545139
A_P_7_b	G+0.3Q+Ex-0.3Ey	-194.06	0.686	-12.36	-6.0505	-5.8124	0.0937	2.15	1.375	0.7	2240	-253.382	-149.859	0.7	201.6208	194.06	0.090089	61.80747994	0.095404038
A_P_7_b	G+0.3Q+Ex+0.3Ey	-125.109	-52.526	5.616	3.3972	3.6333	-14.7202	2.15	1.375	0.7	2240	-162.339	-97.6275	0.7	129.9834	125.109	0.058028	41.2471884	0.080889587
A_P_7_b	G+0.3Q+Ex-0.3Ey	-155.921	-42.179	-2.084	-0.4704	-0.682	-12.7613	2.15	1.375	0.7	2240	-168.069	-155.922	0.7	161.9958	155.921	0.07322	50.62570093	0.013471418
A_P_7_b	G+0.3Q+Ex+0.3Ey	-162.182	45.803	-5.775	-3.5217	-0.9558	17.4782	2.15	1.375	0.7	2240	-177.013	-159.989	0.7	168.5008	162.182	0.075224	52.49373229	0.018207888
A_P_7_b	G+0.3Q+Ex-0.3Ey	-131.37	35.456	1.925	0.3458	3.3596	15.4399	2.15	1.375	0.7	2240	-166.407	-106.57	0.7	136.4883	131.37	0.069032</		

D_P_2_b	G+0.3Q+Ey+0.3Ex	-819.347	245.532	-46.359	-40.699	-44.1394	195.3807	4	2.3	0.8	2240	-625.213	-265.381	0.8	445.2973	819.347	0.198793	262.5864799	0.168094717
D_P_2_b	G+0.3Q+Ex+0.3Ex	-618.71	261.835	4.17	-23.9296	10.8407	131.4652	4	2.3	0.8	2240	-380.443	-292.068	0.8	336.2554	618.71	0.150114	210.0331786	0.051540608
D_P_2_b	G+0.3Q+Ex+0.3Ex	-113.322	-138.901	19.082	14.8013	29.3875	-119.4318	4	2.3	0.8	2240	-181.374	58.19796	0.605666	60.68702	126.3287	0.040485	64.04343375	0.458868275
D_P_2_b	G+0.3Q+Ex+0.3Ex	-313.959	-155.204	-31.447	-1.9681	-25.5925	-55.5163	4	2.3	0.8	2240	-274.947	-66.3126	0.8	170.6299	313.959	0.076174	116.0173875	0.220591395
D_P_2_t	1.35G+1.5Q	-742.921	87.883	-21.126	-20.1591	-11.1752	57.8493	4	2.3	0.8	2240	-449.313	-358.21	0.8	403.7614	742.921	0.180251	243.6036804	0.045874526
D_P_2_t	G+0.3Q+Ex+0.3Ex	-477.699	-25.023	-16.814	5.3884	27.2872	-63.8124	4	2.3	0.8	2240	-370.844	-148.394	0.8	259.619	477.699	0.115901	168.9332166	0.115265552
D_P_2_t	G+0.3Q+Ex+0.3Ex	-412.587	-110.947	-17.738	7.2908	27.595	-35.832	4	2.3	0.8	2240	-336.712	-111.752	0.8	224.2321	412.587	0.100144	154.5142223	0.185807121
D_P_2_t	G+0.3Q+Ex+0.3Ex	-205.721	45.315	20.83	-7.2366	-26.2691	-7.6988	4	2.3	0.8	2240	-218.88	-4.72976	0.8	111.8049	205.721	0.049913	78.18114749	0.336029999
D_P_2_t	G+0.3Q+Ex+0.3Ex	-270.834	131.24	21.755	-9.139	-26.5769	-35.6793	4	2.3	0.8	2240	-255.522	-38.8626	0.8	147.1294	270.834	0.065111	101.2149028	0.260257899
D_P_2_t	G+0.3Q+Ex+0.3Ex	-481.26	129.914	-2.236	-1.9156	8.0757	-86.6097	4	2.3	0.8	2240	-294.472	-228.637	0.8	261.5543	481.26	0.116765	170.0262062	0.047496796
D_P_2_t	G+0.3Q+Ex+0.3Ex	-419.201	176.793	9.335	-6.2738	-8.0835	-78.1698	4	2.3	0.8	2240	-260.776	-194.878	0.8	227.8256	419.201	0.101708	105.0262062	0.053666066
D_P_2_t	G+0.3Q+Ex+0.3Ex	-202.16	-109.622	6.252	0.0674	-7.0575	15.0985	4	2.3	0.8	2240	-138.637	-81.1026	0.8	109.8696	202.16	0.049049	76.8977087	0.091777767
D_P_2_t	G+0.3Q+Ex+0.3Ex	-264.22	-156.501	-5.318	4.4256	9.1017	6.6585	4	2.3	0.8	2240	-180.697	-106.499	0.8	143.5978	264.22	0.064106	98.91274686	0.092017463
D_P_2_t	1.35G+1.5Q	-534.407	21.077	1.481	0.0165	1.3995	-56.7042	4	2.3	0.8	2240	-296.143	-284.734	0.8	290.4386	534.407	0.12966	186.0462975	0.007522321
D_P_3_b	G+0.3Q+Ex+0.3Ex	-666.64	86.689	-87.895	-26.7652	-44.2535	26.8491	2.15	8.15	0.8	2240	-153.15	-51.3403	0.8	102.2454	666.64	0.045645	254.4844156	0.173894735
D_P_3_b	G+0.3Q+Ex+0.3Ex	-716.753	-73.863	-89.668	-29.7673	-50.6135	-80.637	2.15	8.15	0.8	2240	-168.152	-51.7104	0.8	109.9314	716.753	0.049077	272.6308981	0.185648437
D_P_3_b	G+0.3Q+Ex+0.3Ex	-566.552	-68.64	76.53	20.2475	45.6922	229.4148	2.15	8.15	0.8	2240	-139.455	-34.3344	0.8	86.8948	566.552	0.038792	217.8296856	0.209761125
D_P_3_b	G+0.3Q+Ex+0.3Ex	-516.438	91.912	78.302	23.2496	52.0522	336.9008	2.15	8.15	0.8	2240	-139.084	-19.3323	0.8	79.2082	516.438	0.035361	199.2705273	0.261213741
D_P_3_b	G+0.3Q+Ex+0.3Ex	-555.604	275.828	-27.658	-5.7575	-3.1264	260.7676	2.15	8.15	0.8	2240	-88.8117	-81.619	0.8	85.21534	555.604	0.038043	213.7896003	0.140263904
D_P_3_b	G+0.3Q+Ex+0.3Ex	-510.543	277.395	22.201	9.2469	25.7653	353.7831	2.15	8.15	0.8	2240	-107.942	-48.6661	0.8	78.30414	510.543	0.034957	197.0783373	0.130736337
D_P_3_b	G+0.3Q+Ex+0.3Ex	-677.588	-257.779	16.293	-0.7602	4.5651	-4.5037	2.15	8.15	0.8	2240	-109.176	-98.6733	0.8	103.2945	677.588	0.045639	258.4605334	0.067562657
D_P_3_b	G+0.3Q+Ex+0.3Ex	-722.648	-259.346	-33.567	-15.7646	-24.3266	-97.5192	2.15	8.15	0.8	2240	-138.819	-82.8525	0.8	110.8356	722.648	0.049446	274.7565014	0.08853876
D_P_3_t	1.35G+1.5Q	-926.622	14.134	-11.219	-3.423	-5.2305	175.3346	2.15	8.15	0.8	2240	-148.137	-136.103	0.8	142.1199	926.622	0.063446	347.1324675	0.015067735
D_P_3_t	G+0.3Q+Ex+0.3Ex	-380.002	65.14	2.333	-16.1512	35.3299	230.8171	2.15	8.15	0.8	2240	-121.929	5.36842	0.76629	60.96444	380.7388	0.027216	154.6679929	0.357733355
D_P_3_t	G+0.3Q+Ex+0.3Ex	-392.997	-45.317	0.331	-18.7842	52.4324	216.3092	2.15	8.15	0.8	2240	-120.589	0.03773	0.79975	60.29448	392.997	0.029197	153.0153276	0.1402561097
D_P_3_t	G+0.3Q+Ex+0.3Ex	-384.154	-22.333	-8.646	-1.2452	-36.6154	230.4294	2.15	8.15	0.8	2240	-101.038	-16.8004	0.8	58.91933	384.154	0.026303	149.6919774	0.244722962
D_P_3_t	G+0.3Q+Ex+0.3Ex	-371.158	88.124	-6.643	1.3878	-33.7179	234.9372	2.15	8.15	0.8	2240	-95.712	-18.1401	0.8	56.92703	371.158	0.025413	140.6025311	0.203735066
D_P_3_t	G+0.3Q+Ex+0.3Ex	-361.745	202.051	1.527	-6.9407	27.5435	252.685	2.15	8.15	0.8	2240	-87.1658	-23.7989	0.8	55.48236	361.745	0.024769	141.113988	0.195186178
D_P_3_t	G+0.3Q+Ex+0.3Ex	-359.092	208.946	-1.166	-1.679	0.8292	256.921	2.15	8.15	0.8	2240	-60.0293	-54.1216	0.8	55.07546	359.092	0.024587	140.1051698	0.095918411
D_P_3_t	G+0.3Q+Ex+0.3Ex	-402.41	-159.243	-7.84	-10.4557	-8.829	208.6515	2.15	8.15	0.8	2240	-71.8754	-51.5633	0.8	61.71933	402.41	0.027553	156.5289514	0.056404914
D_P_3_t	G+0.3Q+Ex+0.3Ex	-405.063	-166.138	-5.147	-15.7174	17.8853	204.3254	2.15	8.15	0.8	2240	-82.6998	-41.5526	0.8	62.12623	405.063	0.027735	157.5314436	0.113534794
D_P_3_t	1.35G+1.5Q	-572.94	32.412	-6.477	-14.7665	12.6311	342.356	2.15	8.15	0.8	2240	-102.404	-73.3446	0.8	87.87423	572.94	0.03923	220.1855244	0.057365715
D_P_4_b	G+0.3Q+Ex+0.3Ex	-99.724	13.854	-13.722	2.568	-5.1499	5.8844	2.15	0.7	0.8	2240	-247.05	-109.107	0.8	178.0786	99.724	0.079499	36.71840224	0.140253924
D_P_4_b	G+0.3Q+Ex+0.3Ex	-71.092	-8.564	-13.932	2.9457	-6.1229	-0.9937	2.15	0.7	0.8	2240	-208.953	-44.9469	0.8	126.95	71.092	0.056674	26.82516957	0.22825205
D_P_4_b	G+0.3Q+Ex+0.3Ex	-100.301	-2.422	13.877	-4.1473	6.0679	0.7046	2.15	0.7	0.8	2240	-260.375	-97.8424	0.8	179.1089	100.301	0.079959	36.12329971	0.164386497
D_P_4_b	G+0.3Q+Ex+0.3Ex	-128.932	19.996	14.08	-4.5249	7.0409	7.5828	2.15	0.7	0.8	2240	-324.533	-135.938	0.8	230.2357	128.932	0.102784	46.27195519	0.152163545
D_P_4_b	G+0.3Q+Ex+0.3Ex	-143.35	42.158	-3.747	-0.3551	0.252	14.5034	2.15	0.7	0.8	2240	-259.357	-252.607	0.8	255.9821	143.35	0.114278	50.7831425	0.004961869
D_P_4_b	G+0.3Q+Ex+0.3Ex	-152.113	44.001	4.593	-2.483	3.9093	15.0129	2.15	0.7	0.8	2240	-323.987	-219.274	0.8	271.304	152.113	0.121264	53.46689491	0.137116271
D_P_4_b	G+0.3Q+Ex+0.3Ex	-56.674	-30.726	3.895	-1.2241	0.6659	-7.9143	2.15	0.7	0.8	2240	-110.122	-92.2853	0.8	101.2036	56.674	0.04518	21.64538371	0.037064605
D_P_4_b	G+0.3Q+Ex+0.3Ex	-47.912	-32.568	-4.446	0.9037	-2.9914	-8.4238	2.15	0.7	0.8	2240	-125.621	-45.4938	0.8	85.55714	47.912	0.038195	18.43279583	0.162286816
D_P_4_b	1.35G+1.5Q	-152.388	8.339	-1.004	-1.0276	0.1944	4.9351	2.15	0.7	0.8	2240	-274.725	-269.518	0.8	272.1214	152.388	0.121483	53.55019281	0.020363039
D_P_4_t	G+0.3Q+Ex+0.3Ex	-84.982	1.895	-2.931	0.4264	10.5917	-3.6309	2.15	0.7	0.8	2240	-293.607	-9.90045	0.8	151.7536	84.982	0.067747	31.60889436	0.324329672
D_P_4_t	G+0.3Q+Ex+0.3Ex	-96.795	-13.783	-3.585	0.2506	10.6713	4.6995	2.15	0.7	0.8	2240	-315.767	-29.929	0.8	172.8482	96.795	0.077164	35.36985856	0.298626066
D_P_4_t	G+0.3Q+Ex+0.3Ex	-109.823	-12.803	1.084	0.0203	-6.5623	4.1235	2.15	0.7	0.8	2240	-271.813	-120.412	0.8	176.1125	109.823	0.087855	40.08318873	0.141012423
D_P_4_t	G+0.3Q+Ex+0.3Ex	-98.011	2.875	1.738	0.1961	-5.7318	-4.2068	2.15	0.7	0.8	2240	-251.785	-98.2545	0.8	195.1996	98.011	0.078134	36.14121246	0.158594569
D_P_4_t	G+0.3Q+Ex+0.3Ex	-75.761	20.529	-0.534	0.5508	4.7857	-13.5512	2.15	0.7	0.8	2240	-199.382	-71.1933	0.8	135.2875	75.761	0.060396	28.47412923	0.160871865
D_P_4_t	G+0.3Q+Ex+0.3Ex	-79.67	20.823	0.867	0.4817	-0.1114	-13.724	2.15	0.7	0.8	2240	-143.76	-140.776	0.8	142.679	79.67	0.063512	29.84398568	0.0603732745
D_P_4_t	G+0.3Q+Ex+0.3Ex	-119.044	-31.437	-1.313	-0.1042	0.1537	14.0438	2.15	0.7	0.8	2240	-214.637	-210.52	0.8	212.8786	119.044	0.094901	43.0986351	0.003566238
D_P_4_t	G+0.3Q+Ex+0.3Ex	-115.136	-31.731	-2.713	-0.0351	5.0508	14.2166	2.15	0.7	0.8	2240	-273.245	-137.955	0.8	205.6	115.136	0.091786	41.827264	0.113573774
D_P_4_t	1.35G+1.5Q	-148.626	-8.302	-1.665	0.3456	3.5068	0.5046	2.15	0.7	0.8	2240	-312.37	-218.488	0.8	265.4068	148.626	0.118484	52.4064944	0.066915371
D_P_5_b	G+0.3Q+Ex+0.3Ex	-270.441	2.616	-34.268	-2.4217	-10.6735	-6.5617	2.15	2.35	0.8	2240	-186.432	-101.271	0.8	143.8516	270.441	0.064219	101.2293697	0.105438768
D_P_5_b	G+0.3Q+Ex+0.3Ex	-265.836	-63.442	-34.385	-1.0323	-11.5085	-72.0509	2.15	2.35	0.8	2240	-187.314	-95.4906	0.8	141.4021	265.836	0.058702	99.62194	0.115521741
D_P_5_b	G+0.3Q+Ex+0.3Ex	-247.205	-65.302	29.27	2.773	11.141	-92.4486	2.15	2.35	0.8	2240	-175.938	-87.0465	0.8	131.492	247.205	0.050126	63.0774909	

ES_A_P_2_t	1.35G+1.5Q	-415.21	7.123	1.047	0.5233	-1.9557	-10.182	3	1.3	0.7	2240	-474.696	-437.854	0.7	456.2747	415.21	0.203694	115.7219643	0.01689999
ES_A_P_3_b	G+3Q:Ex+0.3EY	29.15	-18.122	69.749	1.6966	72.9217	-19.9545	3	1.3	0.7	2240	-654.828	718.8936	0.33677	327.4138	142.0275	0.146167	89.03882757	0.818987648
ES_A_P_3_b	G+3Q:Ex-0.3EY	26.193	54.151	71.05	2.3156	74.6238	96.7791	3	1.3	0.7	2240	-674.109	731.6765	0.335667	337.0547	107.0796	0.150471	91.19858933	0.818256608
ES_A_P_3_b	G+3Q:Ex+0.3EY	-568.99	-56.603	-83.179	-1.6528	-75.6211	25.251	3	1.3	0.7	2240	-1337.55	87.02292	0.657239	668.7752	571.4088	0.398156	149.4100813	0.506131775
ES_A_P_3_b	G+3Q:Ex+0.3EY	-566.033	-56.671	-82.479	-1.62717	-77.3233	-91.4826	3	1.3	0.7	2240	-1350.33	106.3057	0.648914	675.1671	569.563	0.301414	120.244638	0.514718429
ES_A_P_3_b	G+3Q:Ex+0.3EY	-175.714	-115.934	14.602	-0.4144	18.3502	-181.1786	3	1.3	0.7	2240	-365.936	-20.249	0.7	139.0923	175.714	0.086202	56.19849035	0.326524785
ES_A_P_3_b	G+3Q:Ex+0.3EY	-354.269	-127.499	-31.367	-1.6049	-26.7233	-201.6737	3	1.3	0.7	2240	-641.017	-137.596	0.7	389.3066	354.269	0.173798	102.444266	0.260856962
ES_A_P_3_b	G+3Q:Ex+0.3EY	-364.126	113.414	-27.031	0.4582	-21.0496	186.6751	3	1.3	0.7	2240	-598.408	-201.869	0.7	400.1385	364.126	0.178633	60.16783473	0.210883887
ES_A_P_3_b	G+3Q:Ex+0.3EY	-185.571	124.979	18.937	1.6487	24.0239	207.9335	3	1.3	0.7	2240	-430.209	22.3606	0.665414	215.1005	186.0737	0.096029	61.93716865	0.387909154
ES_A_P_3_t	1.35G+1.5Q	-451.762	-2.04	-12.147	-0.077	-3.9163	4.5523	3	1.3	0.7	2240	-533.33	-459.554	0.7	496.4418	451.762	0.221626	123.0739623	0.031820703
ES_A_P_3_t	G+3Q:Ex+0.3EY	-214.316	-10.942	-4.966	2.2612	-10.5558	19.3453	3	1.3	0.7	2240	-334.939	-136.085	0.7	235.5121	214.316	0.105139	67.12403615	0.157258124
ES_A_P_3_t	G+3Q:Ex+0.3EY	-219.437	56.995	-4.812	-0.0269	-10.6832	-69.0308	3	1.3	0.7	2240	-341.766	-140.513	0.7	241.1396	219.437	0.107652	68.53499036	0.1558795
ES_A_P_3_t	G+3Q:Ex+0.3EY	-249.727	6.285	9.875	-1.2197	7.1585	-6.2452	3	1.3	0.7	2240	-341.852	-206.998	0.7	274.4253	249.727	0.122511	76.69641866	0.093335518
ES_A_P_3_t	G+3Q:Ex+0.3EY	-244.605	-61.652	9.721	1.0683	7.2859	82.1309	3	1.3	0.7	2240	-337.424	-200.17	0.7	268.7967	244.605	0.119999	75.338466	0.096708898
ES_A_P_3_t	G+3Q:Ex+0.3EY	-218.942	-107.951	-0.00461	4.513	-4.1625	144.4258	3	1.3	0.7	2240	-279.803	-201.388	0.7	240.5956	218.942	0.107409	68.39899556	0.060856153
ES_A_P_3_t	G+3Q:Ex+0.3EY	-228.029	-123.164	4.402	4.1552	1.19	163.6125	3	1.3	0.7	2240	-261.79	-239.373	0.7	250.5813	228.029	0.111867	70.88205508	0.016788452
ES_A_P_3_t	G+3Q:Ex+0.3EY	-245.101	103.294	4.914	-3.4716	0.7652	-131.3257	3	1.3	0.7	2240	-276.549	-262.134	0.7	269.3418	245.101	0.120242	75.47036027	0.01013908
ES_A_P_3_t	G+3Q:Ex+0.3EY	-236.014	118.508	3.508	-3.1137	-4.5873	-150.1614	3	1.3	0.7	2240	-302.565	-216.148	0.7	259.356	236.014	0.115784	73.04057854	0.062804815
ES_A_P_3_t	1.35G+1.5Q	-391.66	-3.792	5.062	0.594	-2.1003	11.1159	3	1.3	0.7	2240	-450.179	-410.613	0.7	430.3956	391.66	0.192141	110.742134	0.018965681
ES_A_P_4_b	G+3Q:Ex+0.3EY	-274.49	-22.633	44.156	3.6772	63.8449	-23.5475	3	1.3	0.7	2240	-903.002	299.7275	0.525556	451.5011	308.4757	0.201563	111.0417711	0.556054428
ES_A_P_4_b	G+3Q:Ex+0.3EY	-269.333	54.473	45.548	4.5604	66.916	96.8059	3	1.3	0.7	2240	-926.262	334.3217	0.514525	463.1312	309.676	0.206755	117.0094101	0.57188624
ES_A_P_4_b	G+3Q:Ex+0.3EY	-386.622	15.566	-40.807	-3.6373	-59.3296	27.15	3	1.3	0.7	2240	-983.694	133.9752	0.616091	491.8469	393.9291	0.219575	122.2561868	0.485289142
ES_A_P_4_b	G+3Q:Ex+0.3EY	-391.779	-61.541	-42.199	-4.5204	-62.4008	-93.2035	3	1.3	0.7	2240	-1018.29	157.2363	0.606369	509.1445	401.3484	0.227297	125.3035256	0.359797161
ES_A_P_4_b	G+3Q:Ex+0.3EY	-321.559	-126.208	12.309	-0.2223	16.0759	-188.3395	3	1.3	0.7	2240	-504.783	-201.94	0.7	353.3615	321.559	0.157751	94.79149641	0.169592117
ES_A_P_4_b	G+3Q:Ex+0.3EY	-356.746	-137.881	-13.598	-2.6812	-21.7978	-209.2363	3	1.3	0.7	2240	-597.345	-186.712	0.7	392.0286	356.746	0.175013	103.0081849	0.156111016
ES_A_P_4_b	G+3Q:Ex+0.3EY	-339.553	119.141	-8.959	0.2623	-11.5606	191.942	3	1.3	0.7	2240	-482.026	-264.244	0.7	373.1352	339.553	0.166578	90.94680553	0.116718555
ES_A_P_4_b	G+3Q:Ex+0.3EY	-304.366	130.813	16.947	2.7216	26.3131	121.8387	3	1.3	0.7	2240	-582.315	-86.621	0.7	334.4681	304.366	0.149316	90.62173634	0.036291905
ES_A_P_4_b	1.35G+1.5Q	-548.893	-5.993	1.741	-0.0774	2.159	3.5248	3	1.3	0.7	2240	-623.515	-82.843	0.7	603.1791	548.893	0.269276	70.68131754	0.015379555
ES_A_P_4_b	G+3Q:Ex+0.3EY	-205.904	-14.813	16.027	3.2754	-26.4305	31.6424	3	1.3	0.7	2240	-475.221	-22.6847	0.668108	237.6105	206.3743	0.106076	67.35120317	0.396887705
ES_A_P_4_t	G+3Q:Ex+0.3EY	-200.747	46.654	17.419	4.1586	-27.5341	-55.8643	3	1.3	0.7	2240	-479.949	38.74678	0.64771	239.9475	202.064	0.107131	68.24361598	0.403467777
ES_A_P_4_t	G+3Q:Ex+0.3EY	-318.036	7.746	-12.678	-3.2354	20.8978	-8.7969	3	1.3	0.7	2240	-546.33	-152.651	0.7	349.4901	318.036	0.156022	93.94534428	0.222446361
ES_A_P_4_t	G+3Q:Ex+0.3EY	-323.193	-53.721	-14.069	-4.1186	22.0014	78.7098	3	1.3	0.7	2240	-562.392	-147.923	0.7	355.1571	323.193	0.158552	95.18252074	0.231149627
ES_A_P_4_t	G+3Q:Ex+0.3EY	-252.973	-100.142	3.87	-0.3429	-8.9197	150.2071	3	1.3	0.7	2240	-355.151	-200.933	0.7	277.9923	252.973	0.124104	77.55233937	0.05628019
ES_A_P_4_t	G+3Q:Ex+0.3EY	-288.16	-111.815	-15.59	-2.5611	6.3378	164.3274	3	1.3	0.7	2240	-376.356	-256.963	0.7	316.6593	288.16	0.141366	86.59841319	0.073186099
ES_A_P_4_t	G+3Q:Ex+0.3EY	-270.967	93.075	-0.521	0.3829	2.6591	-12.3617	3	1.3	0.7	2240	-322.812	-272.719	0.7	297.7659	270.967	0.132931	82.23145908	0.032336773
ES_A_P_4_t	G+3Q:Ex+0.3EY	-235.78	104.747	8.508	2.601	-11.8705	-141.4819	3	1.3	0.7	2240	-370.909	-147.289	0.7	259.8098	235.78	0.115669	72.9776345	0.16259424
ES_A_P_4_t	1.35G+1.5Q	-446.014	-5.993	1.741	-0.0774	-3.0625	18.8351	3	1.3	0.7	2240	-518.971	-461.279	0.7	490.1253	446.014	0.128806	121.9482228	0.025113117
ES_A_P_5_b	G+3Q:Ex+0.3EY	-303.854	-12.486	45.335	0.7596	67.1257	-12.4857	3	1.3	0.7	2240	-966.173	298.3617	0.534838	483.0863	335.8847	0.215664	120.6803599	0.556272111
ES_A_P_5_b	G+3Q:Ex+0.3EY	-293.635	62.775	47.393	1.9595	71.7091	105.1327	3	1.3	0.7	2240	-998.115	352.7631	0.517205	499.0574	335.5492	0.227293	93.5268027	0.580467508
ES_A_P_5_b	G+3Q:Ex+0.3EY	-394.135	17.241	-44.353	-1.1235	-65.8897	31.0088	3	1.3	0.7	2240	-1053.74	187.5097	0.594254	526.7003	407.0234	0.23521	128.3380053	0.513407605
ES_A_P_5_b	G+3Q:Ex+0.3EY	-404.354	-58.02	-46.211	-4.3234	-70.4731	-86.6095	3	1.3	0.7	2240	-1108.14	219.4518	0.584259	554.071	420.8593	0.247353	123.8280216	0.50587823
ES_A_P_5_b	G+3Q:Ex+0.3EY	-350.95	-116.228	11.256	-2.4193	13.6187	-175.5004	3	1.3	0.7	2240	-513.936	-257.383	0.7	385.6593	350.95	0.172169	101.6845085	0.133939022
ES_A_P_5_b	G+3Q:Ex+0.3EY	-381.1	-129.888	-16.268	-3.9442	-27.6609	-197.8876	3	1.3	0.7	2240	-679.333	-158.249	0.7	418.7912	381.1	0.18696	108.4472922	0.253063077
ES_A_P_5_b	G+3Q:Ex+0.3EY	-347.039	120.983	-10.074	0.0554	-12.3827	194.1736	3	1.3	0.7	2240	-497.996	-264.727	0.7	381.2615	347.039	0.170251	100.7843802	0.122863285
ES_A_P_5_b	G+3Q:Ex+0.3EY	-316.889	134.643	17.45	1.5803	28.8969	216.4108	3	1.3	0.7	2240	-620.414	-76.0454	0.7	388.2297	316.889	0.155446	93.68989375	0.308500360
ES_A_P_5_b	1.35G+1.5Q	-576.479	5.993	0.021	-1.7941	-0.4207	17.4902	3	1.3	0.7	2240	-637.456	-629.531	0.7	638.4934	576.479	0.28281	74.7058304	0.002907277
ES_A_P_5_b	G+3Q:Ex+0.3EY	-235.268	-4.666	17.405	0.3577	-27.2845	12.263	3	1.3	0.7	2240	-515.533	-1.5394	0.7	258.5363	235.268	0.115418	72.83984536	0.374582069
ES_A_P_5_t	G+3Q:Ex+0.3EY	-225.049	54.955	19.264	1.5576	-28.2756	-72.4431	3	1.3	0.7	2240	-513.639	19.02559	0.674998	256.8194	225.3582	0.114652	72.41882811	0.390445423
ES_A_P_5_t	G+3Q:Ex+0.3EY	-325.549	9.421	-16.224	-2.7216	24.9753	-9.9644	3	1.3	0.7	2240	-592.992	-122.5	0.7	357.7462	325.549	0.159708	95.74662521	0.305853176
ES_A_P_5_t	G+3Q:Ex+0.3EY	-335.768	-50.2	-18.082	-3.9215	25.9664	74.7417	3	1.3	0.7	2240	-613.557	-124.394	0.7	368.9758	335.768	0.164721	98.1609446	0.264528832
ES_A_P_5_t	G+3Q:Ex+0.3EY	-282.364	-90.162	2.817	-2.5399	-7.4904	132.9545	3	1.3	0.7	2240	-380.843	-239.737	0.7	310.2901	282.364	0.138522	83.31795428	0.078979935
ES_A_P_5_t	G+3Q:Ex+0.3EY	-312.514	-103.822	-7.829	-3.8236	8.4849	151.6981	3	1.3	0.7	2240	-423.343	-263.501	0.7	343.422	312.514	0.153313	92.61049749	0.091619203
ES_A_P_5_t	G+3Q:Ex+0.3EY	-278.453	94.917	-1.635	0.176	5.1812	130.6559	3	1.3	0.7	2240	-354.795	-257.19	0.7					



N_P_2_t	G+3Q:Ex+0.3Ey	-496.872	225.892	-7.24	-2.9541	2.1593	-99.5157	2	2.11	0.7	2240	-348.937	-323.875	0.7	336.4062	496.872	0.150181	147.7878819	0.014610806
N_P_2_t	G+3Q:Ex+0.3Ex	-491.085	-132.234	-11.685	1.2328	6.9183	8.0971	2	2.11	0.7	2240	-372.637	-292.339	0.7	332.4882	491.085	0.148432	146.3672588	0.047266718
N_P_2_t	G+3Q:Ex+0.3Ex	-539.294	7.828	-13.933	-1.0392	6.0111	-38.0748	2	2.11	0.7	2240	-400.012	-330.244	0.7	365.128	539.294	0.163004	157.9855064	0.038048427
N_P_2_t	G+3Q:Ex+0.3Ex	-257.394	163.996	12.686	1.0632	-1.9698	-59.7138	2	2.11	0.7	2240	-185.699	-162.837	0.7	174.2681	257.394	0.077798	83.07921779	0.023709901
N_P_2_t	G+3Q:Ex+0.3Ex	-209.186	23.935	14.935	3.3352	-1.0626	-13.5419	2	2.11	0.7	2240	-147.796	-135.462	0.7	141.6289	209.186	0.062327	68.85891261	0.015482977
N_P_2_t	1.35G+1.5Q	-591.504	23.532	0.191	1.7504	4.6234	-40.2466	2	2.11	0.7	2240	-427.307	-373.646	0.7	400.4766	591.504	0.178784	170.0137834	0.021794335
N_P_3_b	G+3Q:Ex+0.3Ey	-511.763	-384.386	-22.56	-13.4106	-15.5413	-317.0411	3	2.61	0.7	2240	-353.024	-207.199	0.7	280.1111	511.763	0.12505	156.715856	0.091669596
N_P_3_b	G+3Q:Ex+0.3Ey	-497.297	-371.1	36.857	-4.8309	46.5588	-422.3039	3	2.61	0.7	2240	-490.625	-53.7611	0.7	272.1932	497.297	0.121515	152.9038143	0.034497309
N_P_3_b	G+3Q:Ex+0.3Ey	-601.372	-308.106	21.081	-43.0148	12.5413	321.4964	3	2.61	0.7	2240	-387.996	-270.32	0.7	329.1582	601.372	0.146946	179.5510571	0.060849899
N_P_3_b	G+3Q:Ex+0.3Ey	-615.838	294.82	-38.336	-51.5945	-49.5587	-426.7993	3	2.61	0.7	2240	-569.582	-104.57	0.7	337.0761	615.838	0.15048	183.1082594	0.270652545
N_P_3_b	G+3Q:Ex+0.3Ex	-565.067	-243.83	-97.401	-36.7846	-99.8974	66.0957	3	2.61	0.7	2240	-777.959	159.385	0.580973	388.9793	589.8244	0.173651	205.5400015	0.486024128
N_P_3_b	G+3Q:Ex+0.3Ex	-596.289	-40.068	-102.134	-48.2398	-110.1027	289.2538	3	2.61	0.7	2240	-842.926	190.1743	0.571143	421.4632	628.2683	0.188153	128.796647	0.503219734
N_P_3_b	G+3Q:Ex+0.3Ex	-548.068	237.55	95.922	-19.6407	96.8975	-61.6404	3	2.61	0.7	2240	-754.58	154.6152	0.580966	377.2901	572.087	0.168433	200.6222974	0.482984699
N_P_3_b	G+3Q:Ex+0.3Ex	-516.846	33.788	100.655	-8.1856	107.1027	-284.7805	3	2.61	0.7	2240	-785.369	219.825	0.54705	392.6845	560.6747	0.175306	207.0825012	0.511798215
N_P_3_b	1.35G+1.5Q	-895.82	-2.438	-3.942	-46.5004	-4.5116	9.5078	3	2.61	0.7	2240	-511.489	-469.157	0.7	239.5142	895.82	0.218894	244.9055796	0.018421793
N_P_3_t	G+3Q:Ex+0.3Ey	-427.412	-390.834	-5.73	13.6882	3.1322	117.1871	3	2.61	0.7	2240	-248.637	-219.247	0.7	233.942	427.412	0.104438	133.9708234	0.023379717
N_P_3_t	G+3Q:Ex+0.3Ey	-437.598	-293.579	12.916	11.0906	-16.3191	125.9464	3	2.61	0.7	2240	-316.079	-162.956	0.7	239.5172	437.598	0.106927	136.7823835	0.119370331
N_P_3_t	G+3Q:Ex+0.3Ey	-399.623	379.656	-0.642	8.9803	1.5812	-110.7332	3	2.61	0.7	2240	-226.15	-211.314	0.7	218.7138	399.623	0.097648	126.2101971	0.012528306
N_P_3_t	G+3Q:Ex+0.3Ey	-389.436	282.4	-19.287	11.578	21.0325	-18.8325	3	2.61	0.7	2240	-311.831	-114.481	0.7	213.156	389.436	0.095159	132.3219291	0.170535363
N_P_3_t	G+3Q:Ex+0.3Ex	-402.236	-268.667	-32.228	15.9803	32.0904	24.361	3	2.61	0.7	2240	-370.715	-69.6089	0.7	220.162	402.236	0.098287	126.94555	0.252788666
N_P_3_t	G+3Q:Ex+0.3Ex	-390.843	-66.697	-36.295	15.3472	37.4606	-46.4449	3	2.61	0.7	2240	-389.674	-38.1785	0.7	213.9261	390.843	0.095503	123.7307497	0.302759016
N_P_3_t	G+3Q:Ex+0.3Ex	-424.799	257.489	25.857	6.6883	-27.377	-17.2471	3	2.61	0.7	2240	-360.952	-104.072	0.7	232.5118	424.799	0.1038	133.2467177	0.205460971
N_P_3_t	G+3Q:Ex+0.3Ex	-436.191	55.519	29.924	7.3214	-32.7471	53.5588	3	2.61	0.7	2240	-392.381	-85.1131	0.7	238.7471	436.191	0.106584	136.3959709	0.082490044
N_P_3_t	1.35G+1.5Q	-672.196	-4.45	-5.048	19.0494	5.1427	-7.1659	3	2.61	0.7	2240	-392.051	-343.796	0.7	367.9234	672.196	0.164252	196.6253783	0.026154813
N_P_4_b	G+3Q:Ex+0.3Ey	-319.872	-80.708	-18.052	-1.4232	-13.9572	-77.4306	3	2.13	0.7	1870	-294.772	-134.298	0.7	214.5324	319.872	0.114725	99.1117193	0.14082368
N_P_4_b	G+3Q:Ex+0.3Ey	-213.723	-62.013	4.612	4.2297	14.3804	-80.5281	3	2.13	0.7	1870	-226.012	-60.6723	0.7	143.3421	213.723	0.076654	69.0691341	0.208202987
N_P_4_b	G+3Q:Ex+0.3Ey	-259.257	72.875	-12.448	-7.0369	-7.4623	91.802	3	2.13	0.7	1870	-216.78	-130.982	0.7	173.8813	259.257	0.092985	82.3052789	0.090669147
N_P_4_b	G+3Q:Ex+0.3Ey	-365.406	54.18	-35.113	-12.6989	-35.7999	94.8995	3	2.13	0.7	1870	-450.88	-39.2688	0.7	245.0744	365.406	0.131056	111.1310916	0.322141171
N_P_4_b	G+3Q:Ex+0.3Ex	-459.649	-55.309	-50.466	-11.9812	-54.6627	-13.5014	3	2.13	0.7	1870	-622.526	5.961387	0.69336	311.2631	459.6912	0.166451	135.3955795	0.028625784
N_P_4_b	G+3Q:Ex+0.3Ex	-473.309	-14.842	-55.584	-15.3612	-61.2155	38.1977	3	2.13	0.7	1870	-669.358	34.47035	0.665717	334.6792	474.5676	0.178973	143.3943062	0.426902833
N_P_4_b	G+3Q:Ex+0.3Ex	-119.48	47.476	19.965	3.512	33.2432	38.8727	3	2.13	0.7	1870	-271.242	110.9737	0.49676	135.621	143.5003	0.072525	65.64095991	0.506439882
N_P_4_b	G+3Q:Ex+0.3Ex	-105.82	7.009	25.083	6.892	39.796	-23.8263	3	2.13	0.7	1870	-299.751	157.8059	0.458578	149.8754	146.3941	0.080147	71.94397963	0.553152609
N_P_4_b	1.35G+1.5Q	-447.193	-5.469	-23.895	-6.7106	-16.9032	12.0401	3	2.13	0.7	1870	-397.101	-202.755	0.7	299.9282	447.193	0.160389	131.4137892	0.128625771
N_P_4_t	G+3Q:Ex+0.3Ey	-65.622	-60.585	-0.757	-2.3097	5.2982	25.9665	3	2.13	0.7	1870	-74.4703	-13.5539	0.7	44.02107	65.622	0.023536	24.02513525	0.236240605
N_P_4_t	G+3Q:Ex+0.3Ey	-70.422	-41.907	4.414	-1.305	-2.5053	27.1676	3	2.13	0.7	1870	-61.638	-32.829	0.7	47.23139	70.422	0.022527	24.25216252	0.104278171
N_P_4_t	G+3Q:Ex+0.3Ey	-390.17	81.112	1.632	0.4172	5.2394	-57.0299	3	2.13	0.7	1870	-291.804	-231.563	0.7	261.6834	390.17	0.139398	117.4496824	0.044609742
N_P_4_t	G+3Q:Ex+0.3Ey	-385.37	62.434	-3.54	-0.5875	13.0429	-58.2309	3	2.13	0.7	1870	-333.445	-183.483	0.7	258.4641	385.37	0.138216	116.2369807	0.112209556
N_P_4_t	G+3Q:Ex+0.3Ex	-171.934	-39.318	-7.764	-2.879	17.1128	-4.9037	3	2.13	0.7	1870	-213.692	-16.9369	0.7	115.6146	171.934	0.061666	56.46605915	0.303063743
N_P_4_t	G+3Q:Ex+0.3Ex	-267.859	-2.412	-8.599	-2.3623	19.4363	-30.163	3	2.13	0.7	1870	-291.386	-67.9156	0.7	179.3506	267.859	0.09607	84.74404519	0.02952998
N_P_4_t	G+3Q:Ex+0.3Ex	-283.858	59.845	8.639	0.9865	-6.5753	-26.1596	3	2.13	0.7	1870	-228.181	-152.581	0.7	190.381	283.858	0.101808	89.23564606	0.037846861
N_P_4_t	G+3Q:Ex+0.3Ex	-187.933	22.939	9.474	0.4698	-8.8987	-0.9004	3	2.13	0.7	1870	-177.202	-74.8883	0.7	126.0499	187.933	0.067404	61.34296655	0.145064716
N_P_4_t	1.35G+1.5Q	-354.166	16.583	0.568	-1.4144	8.4655	-25.0523	3	2.13	0.7	1870	-286.202	-188.87	0.7	237.5359	354.166	0.127025	108.2123799	0.073204221
N_P_5_b	G+3Q:Ex+0.3Ey	-468.544	-177.318	-6.004	5.6997	0.9872	-30.7262	0.7	2.15	0.7	2240	-316.947	-305.703	0.7	311.3249	468.544	0.138984	141.1983028	0.006991585
N_P_5_b	G+3Q:Ex+0.3Ex	-387.101	-186.555	0.412	7.4869	0.5818	-33.143	0.7	2.15	0.7	2240	-260.523	-253.896	0.7	257.21	387.101	0.114826	110.9281257	0.004851239
N_P_5_b	G+3Q:Ex+0.3Ex	-183.433	187.207	-3.289	0.2965	-1.2414	45.2324	0.7	2.15	0.7	2240	-128.953	-114.812	0.7	121.8824	183.433	0.044412	60.7082925	0.024048628
N_P_5_b	G+3Q:Ex+0.3Ex	-264.876	196.444	-9.705	-1.4907	-0.8359	47.6492	0.7	2.15	0.7	2240	-180.758	-171.237	0.7	175.9973	264.876	0.07857	85.42262	0.009785464
N_P_5_b	G+3Q:Ex+0.3Ex	-492.277	-35.725	-14.785	1.0981	0.8222	-0.4752	0.7	2.15	0.7	2240	-331.777	-322.412	0.7	327.9044	492.277	0.146024	147.1374146	0.008459794
N_P_5_b	G+3Q:Ex+0.3Ex	-431.177	76.403	-18.895	-1.059	0.2752	23.0375	0.7	2.15	0.7	2240	-288.064	-284.929	0.7	286.4963	431.177	0.1279	131.6102883	0.020910222
N_P_5_b	G+3Q:Ex+0.3Ex	-159.7	45.615	5.492	4.8981	-1.0763	14.9814	0.7	2.15	0.7	2240	-112.243	-99.9831	0.7	106.113	159.7	0.047372	53.24715502	0.020213288
N_P_5_b	G+3Q:Ex+0.3Ex	-208.8	-66.514	6.602	7.0553	-0.5293	-8.5312	0.7	2.15	0.7	2240	-149.725	-143.696	0.7	146.711	208.8	0.065496	72.21847176	0.00732915
N_P_5_b	1.35G+1.5Q	-508.891	9.687	-7.494	4.6313	-0.3084	10.7801	0.7	2.15	0.7	2240	-339.89	-336.377	0.7	338.1336	508.891	0.150952	151.2254246	0.00203934
N_P_5_t	G+3Q:Ex+0.3Ey	-460.395	-165.701	3.171	2.1322	2.8415	99.7228	0.7	2.15	0.7	2240	-322.093	-289.727	0.7	305.9103	460.395	0.136567	139.1320669	0.024023042
N_P_5_t	G+3Q:Ex+0.3Ex	-393.718	-173.812	2.87	3.065	-0.001	8.7499	0.7	2.15	0.7	2240	-261.612	-261.601	0.7	261.6066	393.718	0.116789	82.01641	0.021641
N_P_5_t	G+3Q:Ex+0.3Ex	-115.388	162.725	-2.492	-1.9669	1.2231	-76.0397												

N_P_9_b	G+0Q:Ey+0.3Ex	-127.33	11.395	10.703	-1.1722	7.4637	3.8999	2.7	0.83	0.7	2240	-329.268	-109.045	0.7	219.1566	127.33	0.097838	40.20531043	0.185639656
N_P_9_b	1.35G+1.5Q	-210.447	5.593	-2.097	0.1302	-1.0667	-4.6776	2.7	0.83	0.7	2240	-377.952	-346.478	0.7	362.2151	210.447	0.161703	61.74596705	0.017275622
N_P_9_t	G+0.3Q:Ex+0.3Ey	-120.687	-16.511	1.578	-0.9337	1.3289	30.6206	2.7	0.83	0.7	2240	-227.328	-188.118	0.7	207.7229	120.687	0.092733	38.2334803	0.034675989
N_P_9_t	G+0.3Q:Ex+0.3Ey	-118.426	-8.033	0.444	0.0063	-3.8682	21.6388	2.7	0.83	0.7	2240	-260.898	-146.764	0.7	203.8313	118.426	0.090996	37.67739242	0.102663441
N_P_9_t	G+0.3Q:Ex+0.3Ey	-134.39	38.767	-4.443	1.2275	4.1593	-56.5224	2.7	0.83	0.7	2240	-292.67	-169.964	0.7	231.8031	134.39	0.103263	42.17399154	0.098609768
N_P_9_t	G+0.3Q:Ex+0.3Ey	-136.651	30.289	-3.31	0.2876	9.3564	-47.5857	2.7	0.83	0.7	2240	-373.234	-97.1657	0.7	225.1997	136.651	0.105	40.8059931	0.218577177
N_P_9_t	G+0.3Q:Ex+0.3Ey	-128.912	-10.021	1.19	-1.6029	10.2018	13.6746	2.7	0.83	0.7	2240	-372.386	-71.3735	0.7	231.8795	128.912	0.090503	45.2699981	0.25096684
N_P_9_t	G+0.3Q:Ex+0.3Ey	-133.701	4.019	-0.277	-1.2365	12.61	-9.8737	2.7	0.83	0.7	2240	-416.156	-44.0883	0.7	230.1222	133.701	0.102733	41.98791739	0.300244933
N_P_9_t	G+0.3Q:Ex+0.3Ey	-126.164	32.277	-4.055	1.8968	-4.7136	-39.5764	2.7	0.83	0.7	2240	-286.689	-147.611	0.7	210.1227	126.164	0.096942	39.767	0.118204365
N_P_9_t	G+0.3Q:Ex+0.3Ey	-121.375	18.237	-2.589	1.5304	-7.1219	-16.1146	2.7	0.83	0.7	2240	-313.976	-103.838	0.7	208.9071	121.375	0.094326	38.513936031	0.18489144
N_P_9_t	1.35G+1.5Q	-190.061	17.286	-1.236	0.0545	3.7147	-20.0969	2.7	0.83	0.7	2240	-381.93	-272.325	0.7	327.1274	190.061	0.146039	58.60663837	0.065392005
V_P_1_b	G+0.3Q:Ex+0.3Ey	-349.374	93.214	-9.846	1.6759	-5.3464	98.5206	3	1.15	0.7	1870	-490.932	-377.078	0.7	434.005	349.374	0.232088	93.90094374	0.056936595
V_P_1_b	G+0.3Q:Ex+0.3Ey	-471.886	122.426	-33.022	7.421	-34.3394	108.4305	3	1.15	0.7	1870	-591.831	-220.557	0.7	586.1938	471.886	0.134733	113.886917	0.310203465
V_P_1_b	G+0.3Q:Ex+0.3Ey	-226.478	-86.891	-21.513	7.2739	-17.7771	-115.7508	3	1.15	0.7	1870	-470.625	-92.0532	0.7	281.3391	226.478	0.150449	67.34163516	0.263983789
V_P_1_b	G+0.3Q:Ex+0.3Ey	-103.966	-116.103	1.663	1.5289	11.2159	-125.6607	3	1.15	0.7	1870	-248.574	-9.72635	0.7	129.1503	103.966	0.069064	38.87497999	0.331096875
V_P_1_b	G+0.3Q:Ex+0.3Ey	-120.551	-14.128	21.221	-5.0781	34.2756	8.4955	3	1.15	0.7	1870	-514.71	215.2048	0.499315	257.3552	146.0896	0.137623	62.53079834	0.548139491
V_P_1_b	G+0.3Q:Ex+0.3Ey	-46.928	-76.923	24.674	-5.1222	39.2443	-58.7589	3	1.15	0.7	1870	-476.159	359.5673	0.398828	238.0793	109.1956	0.127315	58.53896632	0.670399282
V_P_1_b	G+0.3Q:Ex+0.3Ey	-455.301	20.452	-52.58	14.028	-57.399	-25.7258	3	1.15	0.7	1870	-1176.76	45.57817	0.673899	588.3804	455.9851	0.314642	113.616041	0.50520155
V_P_1_b	G+0.3Q:Ex+0.3Ey	-528.924	83.247	-56.033	14.0721	-62.3677	41.5286	3	1.15	0.7	1870	-1321.12	7.026442	0.696297	660.5617	528.939	0.353242	120.370201	0.106181878
V_P_1_b	1.35G+1.5Q	-441.192	3.862	-24.413	7.0001	-18.2431	-14.6231	3	1.15	0.7	1870	-742.312	-353.817	0.7	548.0646	441.192	0.293083	109.1601945	0.161722275
V_P_1_t	G+0.3Q:Ex+0.3Ey	-76.1	75.908	-0.811	2.0799	2.5763	-36.1577	3	1.15	0.7	1870	-121.966	-67.1024	0.7	94.53416	76.1	0.050552	25.28852011	0.107816266
V_P_1_t	G+0.3Q:Ex+0.3Ey	-56.087	107.818	-6.309	3.1767	10.3475	-41.0236	3	1.15	0.7	1870	-179.851	40.50417	0.571331	89.92538	59.0837	0.048088	24.11808352	0.429034919
V_P_1_t	G+0.3Q:Ex+0.3Ey	-375.519	-97.817	1.005	-0.3872	8.5721	-69.5296	3	1.15	0.7	1870	-557.757	-375.21	0.7	466.4832	375.519	0.249456	98.64520049	0.08689298
V_P_1_t	G+0.3Q:Ex+0.3Ey	-395.531	-129.727	6.502	-1.484	0.8009	74.3954	3	1.15	0.7	1870	-499.871	-482.815	0.7	491.3429	395.531	0.26275	102.061804	0.007847206
V_P_1_t	G+0.3Q:Ex+0.3Ey	-211.249	-33.293	8.162	-0.447	-7.1116	8.2128	3	1.15	0.7	1870	-338.144	-186.699	0.7	262.4121	211.249	0.140332	63.56139087	0.111885331
V_P_1_t	G+0.3Q:Ex+0.3Ey	-307.078	-94.983	10.356	-1.5162	-7.6442	41.3787	3	1.15	0.7	1870	-462.857	-300.07	0.7	381.4634	307.078	0.203991	85.55288752	0.089350579
V_P_1_t	G+0.3Q:Ex+0.3Ey	-240.37	11.383	-7.969	2.1397	18.26	-25.1591	3	1.15	0.7	1870	-493.024	-104.169	0.7	298.5963	240.37	0.159677	70.65994108	0.252892927
V_P_1_t	G+0.3Q:Ex+0.3Ey	-144.54	73.074	-10.163	3.2089	18.7926	-8.0069	3	1.15	0.7	1870	-379.651	20.54587	0.664062	189.8527	144.9646	0.201511	48.05421938	0.391070574
V_P_1_t	1.35G+1.5Q	-348.562	-17.965	-0.076	1.1199	8.8859	27.025	3	1.15	0.7	1870	-527.611	-338.382	0.7	432.9963	348.562	0.135149	93.74850938	0.09478444
V_P_2_b	G+0.3Q:Ex+0.3Ey	-557.404	174.43	-4.395	5.0584	-2.7979	215.2132	3	1.55	0.7	2200	-535.84	-491.633	0.7	513.7364	557.404	0.233517	149.534297	0.018710754
V_P_2_b	G+0.3Q:Ex+0.3Ey	-730.237	224.387	-37.859	15.8863	-34.8691	232.6797	3	1.55	0.7	2200	-948.493	-397.566	0.7	673.0295	730.237	0.305922	177.3943758	0.156526202
V_P_2_b	G+0.3Q:Ex+0.3Ey	-179.043	-166.386	-22.835	8.061	-19.5082	-22.487	3	1.55	0.7	2200	-319.13	-10.9031	0.7	165.0166	179.043	0.075008	57.9646987	0.336551317
V_P_2_b	G+0.3Q:Ex+0.3Ey	-6.211	-216.344	10.629	-2.7668	18.1587	-244.9535	3	1.55	0.7	2200	-149.177	137.7281	0.363967	74.58848	42.07896	0.039004	27.36464918	0.663582415
V_P_2_b	G+0.3Q:Ex+0.3Ey	-162.849	-20.625	39.906	-10.3129	52.1189	33.7773	3	1.55	0.7	2200	-561.827	261.6446	0.477586	280.9136	207.9488	0.127688	93.05556366	0.560836563
V_P_2_b	G+0.3Q:Ex+0.3Ey	2.509	-137.857	44.413	-12.6605	56.7272	-104.2727	3	1.55	0.7	2200	-445.829	450.4536	0.348194	222.9144	120.307	0.101325	76.07441392	0.175680408
V_P_2_b	G+0.3Q:Ex+0.3Ey	-573.958	28.668	-67.135	23.4323	-68.8292	-46.0511	3	1.55	0.7	2200	-1072.41	15.0844	0.69029	536.2039	573.7115	0.243729	153.994663	0.446958831
V_P_2_b	G+0.3Q:Ex+0.3Ey	-738.956	145.9	-71.642	25.7799	-73.4375	91.9989	3	1.55	0.7	2200	-1261.22	-100.914	0.7	681.0654	738.956	0.309575	158.567422	0.04155849
V_P_2_b	1.35G+1.5Q	-585.547	4.865	-23.454	11.1138	-15.1658	-13.8138	3	1.55	0.7	2200	-659.483	-419.866	0.7	539.6747	585.547	0.245307	156.9607972	0.0980539
V_P_2_t	G+0.3Q:Ex+0.3Ey	-241.474	148.784	1.192	1.7868	-4.1337	-94.2624	3	1.55	0.7	2200	-255.213	-189.901	0.7	222.5567	241.474	0.101162	75.96669109	0.054415067
V_P_2_t	G+0.3Q:Ex+0.3Ey	-241.931	201.287	-2.51	2.8292	6.1025	-102.5693	3	1.55	0.7	2200	-271.187	-174.769	0.7	222.9779	241.931	0.101354	76.0936493	0.080197231
V_P_2_t	G+0.3Q:Ex+0.3Ey	-357.183	-173.867	0.819	0.2979	8.8307	123.311	3	1.55	0.7	2200	-398.963	-259.439	0.7	329.2009	357.183	0.149637	93.0703498	0.083067634
V_P_2_t	G+0.3Q:Ex+0.3Ey	-356.726	-226.37	4.521	-0.7445	-1.4055	131.618	3	1.55	0.7	2200	-339.883	-317.676	0.7	328.7797	356.726	0.149445	106.195238	0.012350567
V_P_2_t	G+0.3Q:Ex+0.3Ey	-281.28	-43.773	6.676	-0.3152	-15.121	-5.5128	3	1.55	0.7	2200	-378.699	-139.789	0.7	259.2442	281.28	0.118388	86.84705595	0.17411068
V_P_2_t	G+0.3Q:Ex+0.3Ey	-315.855	-156.319	7.675	-1.0746	-14.3026	62.2513	3	1.55	0.7	2200	-404.1	-178.121	0.7	291.5136	315.855	0.132323	95.92104164	0.149108055
V_P_2_t	G+0.3Q:Ex+0.3Ey	-317.377	18.69	-4.665	2.3999	19.818	34.5614	3	1.55	0.7	2200	-449.074	-135.952	0.7	292.1104	317.377	0.132961	96.31242505	0.205767843
V_P_2_t	G+0.3Q:Ex+0.3Ey	-282.801	131.237	-5.663	3.1593	18.9996	-33.2027	3	1.55	0.7	2200	-410.742	-110.55	0.7	260.6461	282.801	0.118475	87.25360431	0.217751463
V_P_2_t	1.35G+1.5Q	-477.722	-22.033	1.263	1.5113	4.9738	-27.8885	3	1.55	0.7	2200	-479.589	-401.004	0.7	440.2968	477.722	0.200135	133.7396048	0.03191018
V_P_3_b	G+0.3Q:Ex+0.3Ey	-392.286	164.269	8.746	0.1957	10.186	289.9777	3	1.63	0.7	2200	-420.328	-267.29	0.7	343.8089	392.286	0.156277	115.843821	0.087929139
V_P_3_b	G+0.3Q:Ex+0.3Ey	-441.014	185.596	-11.526	2.2791	-18.0225	333.4255	3	1.63	0.7	2200	-521.904	-251.127	0.7	386.5153	441.014	0.175689	127.2364744	0.141645704
V_P_3_b	G+0.3Q:Ex+0.3Ey	-433.619	-167.058	-8.195	-1.2831	-10.0536	-297.5003	3	1.63	0.7	2200	-455.559	-304.509	0.7	380.0342	433.619	0.172743	125.5500525	0.08007643
V_P_3_b	G+0.3Q:Ex+0.3Ey	-384.891	-188.384	12.077	-3.3665	18.1549	-340.9481	3	1.63	0.7	2200	-473.711	-200.944	0.7	337.3278	384.891	0.153331	104.0563729	0.159174797
V_P_3_b	G+0.3Q:Ex+0.3Ey	-332.849	15.958	33.562	-3.4817	45.885	18.4646	3	1.63	0.7	2200	-636.415	52.98072	0.646204	318.2073	335.1719	0.14464	108.6958334	0.422142196
V_P_3_b	G+0.3Q:Ex+0.3Ey	-330.63	-89.838	34.562	-4.5503	48.2757	-170.8131	3	1.63	0.7	2200	-652.429	72.88494	0.629569	326.2146	334.8084	0.148279	105.9568	

V_P_7_b	G+0.3Q-Ex-0.3Ey	-273.005	-62.669	-12.249	1.6271	-11.9412	-78.4309	3.15	1.95	0.7	2200	-274.988	-125.02	0.7	200.0037	273.005	0.090911	86.86506818	0.137468378
V_P_7_b	G+0.3Q-Ex+0.3Ey	-265.293	-70.232	8.203	-0.1181	8.0979	-83.3689	3.15	1.95	0.7	2200	-245.204	-143.504	0.7	194.3538	265.293	0.088343	84.64970899	0.095663648
V_P_7_b	G+0.3Q-Ey+0.3Ex	-186.281	-0.155	33.177	-2.7852	34.8888	-6.4826	3.15	1.95	0.7	2200	-355.552	82.61235	0.568021	177.7758	196.9116	0.080807	78.06923022	0.446895658
V_P_7_b	G+0.3Q-Ey-0.3Ex	-218.596	-36.57	32.663	-2.494	33.314	-44.6275	3.15	1.95	0.7	2200	-369.337	49.0495	0.617936	184.6683	222.5206	0.08394	84.81965464	0.412201712
V_P_7_b	G+0.3Q-Ey+0.3Ex	-244.302	-11.362	-35.508	3.3234	-33.4829	-28.1674	3.15	1.95	0.7	2200	-389.23	31.27786	0.647933	194.6148	245.8898	0.088461	84.75232038	0.395067649
V_P_7_b	G+0.3Q-Ey+0.3Ex	-211.987	25.053	-34.993	3.0321	-31.9082	9.9775	3.15	1.95	0.7	2200	-355.667	45.06363	0.621282	177.8336	215.4456	0.080833	78.09241085	0.408595402
V_P_7_b	1.35G+1.5Q	-310.786	-7.716	-1.987	0.2327	-0.1496	-25.8291	3.15	1.95	0.7	2200	-228.621	-226.743	0.7	227.6821	310.786	0.103492	97.51776459	0.001534079
V_P_7_t	G+0.3Q-Ex+0.3Ey	-158.94	104.586	-2.033	-1.1058	-1.7866	-159.9659	3.15	1.95	0.7	2200	-127.658	-105.221	0.7	116.4396	158.94	0.052927	52.68471986	0.033911161
V_P_7_t	G+0.3Q-Ex-0.3Ey	-175.469	115.693	0.021	-0.5525	9.3341	-177.3458	3.15	1.95	0.7	2200	-187.162	-69.9358	0.7	128.5487	175.469	0.058431	35.54705973	0.161418
V_P_7_t	G+0.3Q-Ey+0.3Ex	-105.252	-72.759	-0.741	1.4909	9.0151	107.2985	3.15	1.95	0.7	2200	-133.717	-20.498	0.7	77.10769	105.252	0.035049	35.54705973	0.253610286
V_P_7_t	G+0.3Q-Ey+0.3Ex	-88.723	-83.866	-2.795	0.9376	-2.1056	124.6785	3.15	1.95	0.7	2200	-78.2205	-51.7766	0.7	64.99853	88.723	0.029545	30.1355942	0.069870864
V_P_7_t	G+0.3Q-Ey+0.3Ex	-115.08	25.67	-4.697	-1.0361	-14.8724	-40.0637	3.15	1.95	0.7	2200	-177.698	9.082575	0.665961	88.84898	115.3814	0.040386	40.73331548	0.365116363
V_P_7_t	G+0.3Q-Ey-0.3Ex	-94.015	-30.865	-4.926	-0.423	-14.9681	45.3296	3.15	1.95	0.7	2200	-162.867	25.11575	0.606475	81.43333	96.30522	0.037015	37.46470886	0.399525325
V_P_7_t	G+0.3Q-Ey-0.3Ex	-149.112	6.157	1.923	1.4211	22.1009	-12.6036	3.15	1.95	0.7	2200	-248.021	29.5416	0.625497	124.0104	151.2579	0.056368	55.90635379	0.395320004
V_P_7_t	G+0.3Q-Ey+0.3Ex	-170.177	62.692	2.151	0.8081	22.1966	-97.9969	3.15	1.95	0.7	2200	-264.054	14.71031	0.663061	132.0269	170.7068	0.060012	59.29054984	0.374369947
V_P_7_t	1.35G+1.5Q	-190.602	26.848	-2.379	0.1846	5.2203	-41.4399	3.15	1.95	0.7	2200	-172.416	-106.855	0.7	139.6352	190.602	0.063471	62.47653655	0.083556168
V_P_8_b	G+0.3Q-Ex+0.3Ey	-117.893	75.967	0.196	-2.4243	-1.993	44.5622	2.15	1.65	0.7	2200	-116.862	-87.2815	0.7	102.0719	117.893	0.046396	39.34812032	0.05065045
V_P_8_b	G+0.3Q-Ex-0.3Ey	-132.397	72.929	-1.852	0.8871	-1.1755	43.4724	2.15	1.65	0.7	2200	-123.353	-105.906	0.7	114.6294	132.397	0.052104	43.92449193	0.026761835
V_P_8_b	G+0.3Q-Ey+0.3Ex	-134.064	-67.884	-1.69	3.3455	2.1958	-40.6226	2.15	1.65	0.7	2200	-132.368	-99.7774	0.7	116.0727	134.064	0.05276	44.44675866	0.049402928
V_P_8_b	G+0.3Q-Ey-0.3Ex	-119.56	-64.846	0.358	0.0341	1.3783	-39.5328	2.15	1.65	0.7	2200	-113.744	-93.2866	0.7	103.5152	119.56	0.047052	39.87704771	0.034563742
V_P_8_b	G+0.3Q-Ey+0.3Ex	-101.555	30.227	2.642	-5.4271	-1.7668	16.4003	2.15	1.65	0.7	2200	-101.038	-74.8147	0.7	87.92641	101.555	0.039967	34.123669	0.051776378
V_P_8_b	G+0.3Q-Ey-0.3Ex	-102.055	-12.017	2.691	-4.6895	-0.7554	-8.8282	2.15	1.65	0.7	2200	-93.9652	-82.7534	0.7	88.35931	102.055	0.040163	34.28464628	0.022033186
V_P_8_b	G+0.3Q-Ey-0.3Ex	-150.402	-22.144	-4.136	6.3483	1.9696	-12.4608	2.15	1.65	0.7	2200	-144.835	-115.601	0.7	130.2182	150.402	0.05919	49.52489262	0.039769899
V_P_8_b	G+0.3Q-Ey+0.3Ex	-149.902	20.1	-4.815	5.6108	0.9582	12.7677	2.15	1.65	0.7	2200	-136.896	-122.674	0.7	129.7853	149.902	0.058993	49.37057471	0.019408322
V_P_8_b	1.35G+1.5Q	-190.902	9.244	-1.509	0.855	-0.1998	6.2323	2.15	1.65	0.7	2200	-166.766	-163.8	0.7	165.2831	190.902	0.075129	61.79592402	0.003233223
V_P_8_t	G+0.3Q-Ex+0.3Ey	-141.563	49.412	0.18	0.4736	-1.4904	-37.2276	2.15	1.65	0.7	2200	-133.626	-111.505	0.7	122.5654	141.563	0.055712	46.78670799	0.031855201
V_P_8_t	G+0.3Q-Ex-0.3Ey	-146.748	45.806	-0.278	0.3625	1.3838	-37.823	2.15	1.65	0.7	2200	-137.324	-116.785	0.7	127.0545	146.748	0.057752	48.39054993	0.028593538
V_P_8_t	G+0.3Q-Ey+0.3Ex	-39.455	-37.245	1.089	0.8444	1.0004	36.5745	2.15	1.65	0.7	2200	-41.5843	-26.7361	0.7	34.16017	39.455	0.015527	13.59482892	0.073586803
V_P_8_t	G+0.3Q-Ey+0.3Ex	-34.27	-33.639	1.547	0.9555	-1.8738	37.1699	2.15	1.65	0.7	2200	-43.5767	-15.7652	0.7	29.671	34.27	0.013487	11.83273238	0.158357338
V_P_8_t	G+0.3Q-Ey+0.3Ex	-97.962	24.552	1.194	0.7719	-4.9778	-10.4939	2.15	1.65	0.7	2200	-121.757	-47.8746	0.7	84.81558	97.962	0.038553	32.96486068	0.151003217
V_P_8_t	G+0.3Q-Ey-0.3Ex	-65.774	-0.363	1.604	0.9164	-5.0928	11.8254	2.15	1.65	0.7	2200	-94.7416	-19.1528	0.7	56.94719	65.774	0.025885	22.42500206	0.227103658
V_P_8_t	G+0.3Q-Ey-0.3Ex	-83.056	-12.385	0.076	0.5461	4.4878	9.8408	2.15	1.65	0.7	2200	-105.215	-38.6053	0.7	71.90996	83.056	0.032686	28.11942106	0.15959788
V_P_8_t	G+0.3Q-Ey+0.3Ex	-115.244	12.53	-0.334	0.4016	4.6028	-12.4785	2.15	1.65	0.7	2200	-133.936	-65.6203	0.7	99.77835	115.244	0.045354	38.50603643	0.119534505
V_P_8_t	1.35G+1.5Q	-140.625	13.36	1.032	0.8681	-0.3456	-2.9349	2.15	1.65	0.7	2200	-124.318	-119.188	0.7	121.7532	140.625	0.055342	46.49486699	0.007433079



ΕΛΕΓΧΟΣ ΥΠΟΡΡΙΠΩΝ ΕΠΙΧΕΙΡΗΣΕΩΝ

Table with columns: Απολογιστική ενοχλήση, Γεωγραφική περιοχή, Μεταβολή δημοπρασιών, Τάσεις ενοχλήσεων, Ενοχλήσεις / ανενοχλήσεις, Εξόφληση, Αποτέλεσμα, Έλεγχος επί τόπου, Έλεγχος επί βιβλίου. Rows list various companies and their financial data.







**ΕΛΕΓΧΟΣ ΥΠΕΘΥΡΩΝ ΕΚΤΟΣ ΕΠΙΠΕΔΟΥ ΠΕΡΙ ΚΑΤΑΚΟΡΥΦΟ ΑΞΟΝΑ**

Αποτελέσματα ανάλυσης										Γεωμετρικά στοιχεία			Κάμψη εκτός επιπέδου		Έλεγχος σε κάμψη
Διατομή	Συνδυασμός δράσεων	P (KN)	V2 (KN)	V3 (KN)	T (KNm)	M2 (KNm)	M3 (KNm)	H (m)	L (m)	t (m)	fw,d,t (KPa)	Mrd (KNm)			
A_SP_1_l	G+0.3Q+Ex+0.3Ey	-13.396	-59.801	-4.249	23.3749	2.4821	-44.4962	2.27	1.35	0.7	250	46.3458333	0.504358177		
A_SP_1_l	G+0.3Q+Ex+0.3Ey	-21.393	-14.26	0.566	23.0301	1.9032	13.842	2.27	1.35	0.7	250	46.3458333	0.496918457		
A_SP_1_l	G+0.3Q-Ex-0.3Ey	-33.252	7.533	-3.85	-10.6596	1.088	18.268	2.27	1.35	0.7	250	46.3458333	0.230001259		
A_SP_1_l	G+0.3Q-Ex+0.3Ey	-25.255	-38.007	-8.665	-10.3148	1.6669	-40.0703	2.27	1.35	0.7	250	46.3458333	0.222561539		
A_SP_1_l	G+0.3Q+Ey+0.3Ex	-8.217	-105.304	-11.412	11.9858	2.8722	-111.0085	2.27	1.35	0.7	250	46.3458333	0.25861656		
A_SP_1_l	G+0.3Q+Ey-0.3Ex	-11.775	-98.766	-12.737	1.8789	2.6276	-109.6807	2.27	1.35	0.7	250	46.3458333	0.040540861		
A_SP_1_l	G+0.3Q-Ey-0.3Ex	-38.432	53.036	3.314	0.7294	0.698	84.7802	2.27	1.35	0.7	250	46.3458333	0.0157382		
A_SP_1_l	G+0.3Q-Ey+0.3Ex	-34.874	46.498	4.638	10.8363	0.9425	83.4524	2.27	1.35	0.7	250	46.3458333	0.233813899		
A_SP_1_l	1.35G+1.5Q	-35.967	-46.162	-6.284	8.6039	2.7869	-19.8433	2.27	1.35	0.7	250	46.3458333	0.185645599		
A_SP_1_r	G+0.3Q+Ex+0.3Ey	-31.748	-46.097	1.188	7.8127	1.0138	20.5538	2.27	1.35	0.7	250	46.3458333	0.168573946		
A_SP_1_r	G+0.3Q+Ex-0.3Ey	-18.095	8.545	7.206	7.9556	-1.826	25.3391	2.27	1.35	0.7	250	46.3458333	0.171657287		
A_SP_1_r	G+0.3Q-Ex-0.3Ey	-19.945	31.075	-2.37	1.996	1.9492	0.1711	2.27	1.35	0.7	250	46.3458333	0.043067518		
A_SP_1_r	G+0.3Q-Ex+0.3Ey	-33.599	-23.567	-8.387	1.8531	4.789	-4.6142	2.27	1.35	0.7	250	46.3458333	0.039984177		
A_SP_1_r	G+0.3Q+Ey+0.3Ex	-48.325	-101.96	-9.183	5.5601	5.6481	6.1622	2.27	1.35	0.7	250	46.3458333	0.119969792		
A_SP_1_r	G+0.3Q+Ey-0.3Ex	-48.88	-95.202	-12.056	3.7722	6.7807	-1.3882	2.27	1.35	0.7	250	46.3458333	0.08139243		
A_SP_1_r	G+0.3Q-Ey-0.3Ex	-3.368	86.939	8.002	4.2486	-2.6851	14.5627	2.27	1.35	0.7	250	46.3458333	0.091671671		
A_SP_1_r	G+0.3Q-Ey+0.3Ex	-2.813	80.18	10.875	6.0365	-3.8177	22.1131	2.27	1.35	0.7	250	46.3458333	0.130249034		
A_SP_1_r	1.35G+1.5Q	-40.299	-11.363	-0.737	7.4007	2.2196	17.7988	2.27	1.35	0.7	250	46.3458333	0.159684258		
A_SP_10_l	G+0.3Q+Ex+0.3Ey	-31.494	-1.239	-1.325	4.7531	1.2743	-1.6568	1.25	1.35	0.7	250	25.5208333	0.186243918		
A_SP_10_l	G+0.3Q+Ex-0.3Ey	-22.968	8.333	-1.573	5.1202	1.3538	3.5648	1.25	1.35	0.7	250	25.5208333	0.200628245		
A_SP_10_l	G+0.3Q-Ex-0.3Ey	-0.587	-9.128	0.604	-1.8053	-1.882	-5.6824	1.25	1.35	0.7	250	25.5208333	0.070738286		
A_SP_10_l	G+0.3Q-Ex+0.3Ey	-9.113	-18.7	0.852	-2.1724	-1.9615	-10.9041	1.25	1.35	0.7	250	25.5208333	0.085122612		
A_SP_10_l	G+0.3Q+Ey+0.3Ex	-33.608	-18.517	-0.274	1.9008	0.049	-10.9853	1.25	1.35	0.7	250	25.5208333	0.074460327		
A_SP_10_l	G+0.3Q+Ey-0.3Ex	-26.894	-23.755	0.379	-0.1768	-0.9217	-13.7595	1.25	1.35	0.7	250	25.5208333	0.006927673		
A_SP_10_l	G+0.3Q-Ey-0.3Ex	1.527	8.15	-0.448	1.047	-0.6567	3.6461	1.25	1.35	0.7	250	25.5208333	0.041025306		
A_SP_10_l	G+0.3Q-Ey+0.3Ex	-5.187	13.388	-1.101	3.1246	0.314	6.4202	1.25	1.35	0.7	250	25.5208333	0.122433306		
A_SP_10_l	1.35G+1.5Q	-24.24	-6.265	-0.409	1.8758	-0.3329	-5.0491	1.25	1.35	0.7	250	25.5208333	0.073500735		
A_SP_10_r	G+0.3Q+Ex+0.3Ey	-35.077	30.75	2.033	1.0698	0.7253	-17.77	1.25	1.35	0.7	250	25.5208333	0.041918694		
A_SP_10_r	G+0.3Q+Ex-0.3Ey	-34.504	40.309	1.521	1.2948	1.1929	-24.3605	1.25	1.35	0.7	250	25.5208333	0.05073502		
A_SP_10_r	G+0.3Q-Ex-0.3Ey	-9.009	22.838	-2.804	4.2329	-0.439	-11.926	1.25	1.35	0.7	250	25.5208333	0.165860571		
A_SP_10_r	G+0.3Q-Ex+0.3Ey	-9.582	13.279	-2.292	4.0079	-0.9067	-5.3355	1.25	1.35	0.7	250	25.5208333	0.157044245		
A_SP_10_r	G+0.3Q+Ey+0.3Ex	-26.822	13.483	1.117	1.8356	-0.3916	-5.729	1.25	1.35	0.7	250	25.5208333	0.071925551		
A_SP_10_r	G+0.3Q+Ey-0.3Ex	-19.174	8.242	-0.181	2.7171	-0.8811	-1.9986	1.25	1.35	0.7	250	25.5208333	0.106465959		
A_SP_10_r	G+0.3Q-Ey-0.3Ex	-17.263	40.105	-1.888	3.4671	0.6778	-23.9671	1.25	1.35	0.7	250	25.5208333	0.135853714		
A_SP_10_r	G+0.3Q-Ey+0.3Ex	-24.912	45.346	-0.59	2.5856	1.1674	-27.6974	1.25	1.35	0.7	250	25.5208333	0.101313306		
A_SP_10_r	1.35G+1.5Q	-34.185	41.705	-0.561	3.5748	0.2334	-23.2835	1.25	1.35	0.7	250	25.5208333	0.140073796		
A_SP_2_l	G+0.3Q+Ex+0.3Ey	2.493	-32.405	9.627	12.9609	1.5648	7.0808	2.27	1.35	0.7	250	46.3458333	0.279656208		
A_SP_2_l	G+0.3Q+Ex-0.3Ey	5.196	2.142	18.365	13.6884	4.0784	28.4087	2.27	1.35	0.7	250	46.3458333	0.295353412		
A_SP_2_l	G+0.3Q-Ey-0.3Ex	-29.263	-14.551	-10.225	-5.0651	-1.195	-4.4539	2.27	1.35	0.7	250	46.3458333	0.109289221		
A_SP_2_l	G+0.3Q-Ey+0.3Ex	-31.967	-49.097	-18.963	-5.7926	-3.7086	-25.7819	2.27	1.35	0.7	250	46.3458333	0.124986425		
A_SP_2_l	G+0.3Q+Ey+0.3Ex	-12.723	-78.551	-10.574	5.5484	-3.2134	-29.3038	2.27	1.35	0.7	250	46.3458333	0.119717342		
A_SP_2_l	G+0.3Q+Ey-0.3Ex	-23.061	-83.558	-19.151	-0.0777	-4.7955	-39.1626	2.27	1.35	0.7	250	46.3458333	0.001676526		
A_SP_2_l	G+0.3Q-Ey-0.3Ex	-14.047	31.595	9.976	2.3474	3.5832	31.9306	2.27	1.35	0.7	250	46.3458333	0.050649645		
A_SP_2_l	G+0.3Q-Ey+0.3Ex	-3.71	36.603	18.553	7.9735	5.1653	41.7894	2.27	1.35	0.7	250	46.3458333	0.172043513		
A_SP_2_l	1.35G+1.5Q	-20.214	-36.228	-0.067	5.8759	0.4121	2.7871	2.27	1.35	0.7	250	46.3458333	0.126783781		
A_SP_2_r	G+0.3Q+Ex+0.3Ey	4.558	-24.319	5.77	-10.7286	-4.8543	38.7407	2.27	1.35	0.7	250	46.3458333	0.231490066		
A_SP_2_r	G+0.3Q+Ex-0.3Ey	32.563	11.307	14.318	-10.7086	-5.779	16.7842	2.27	1.35	0.7	250	46.3458333	0.231058527		
A_SP_2_r	G+0.3Q-Ey-0.3Ex	-44.847	4.348	-5.342	11.5192	4.7913	-1.2597	2.27	1.35	0.7	250	46.3458333	0.248548773		
A_SP_2_r	G+0.3Q-Ey+0.3Ex	-72.852	-31.277	-13.89	11.4991	5.716	20.6968	2.27	1.35	0.7	250	46.3458333	0.248115077		
A_SP_2_r	G+0.3Q+Ey+0.3Ex	-55.208	-68.317	-11.084	-2.9723	-0.076	58.0413	2.27	1.35	0.7	250	46.3458333	0.064133058		
A_SP_2_r	G+0.3Q+Ey-0.3Ex	-78.431	-70.405	-16.981	3.696	3.0951	52.6281	2.27	1.35	0.7	250	46.3458333	0.079748269		
A_SP_2_r	G+0.3Q-Ey-0.3Ex	14.919	48.346	11.511	3.7629	0.013	-20.5603	2.27	1.35	0.7	250	46.3458333	0.081191765		
A_SP_2_r	G+0.3Q-Ey+0.3Ex	38.142	50.434	17.409	-2.9055	-3.1581	-15.1472	2.27	1.35	0.7	250	46.3458333	0.06269172		
A_SP_2_r	1.35G+1.5Q	-29.128	-10.372	0.689	1.1226	-0.1039	-27.3364	2.27	1.35	0.7	250	46.3458333	0.024222242		
A_SP_3_l	G+0.3Q+Ex+0.3Ey	28.335	-8.901	-11.818	-5.0001	-3.7237	-6.153	1.27	1.35	0.7	250	25.9291667	0.192836895		
A_SP_3_l	G+0.3Q+Ex-0.3Ey	37.608	1.723	-9.588	-4.3447	-2.7911	-1.5138	1.27	1.35	0.7	250	25.9291667	0.167560341		
A_SP_3_l	G+0.3Q-Ey-0.3Ex	-36.998	-1.726	10.564	2.102	4.6058	3.1206	1.27	1.35	0.7	250	25.9291667	0.081067009		
A_SP_3_l	G+0.3Q-Ey+0.3Ex	-46.271	-12.35	8.334	1.4466	3.6732	-1.5187	1.27	1.35	0.7	250	25.9291667	0.055790455		
A_SP_3_l	G+0.3Q+Ey+0.3Ex	-8.596	-22.503	-7.366	-3.5084	-2.2227	-9.9435	1.27	1.35	0.7	250	25.9291667	0.135307087		
A_SP_3_l	G+0.3Q+Ey-0.3Ex	-30.978	-23.537	-1.321	-1.5744	-0.0037	-8.5532	1.27	1.35	0.7	250	25.9291667	0.060719267		
A_SP_3_l	G+0.3Q-Ey-0.3Ex	-0.067	11.876	6.113	0.6103	3.1048	6.911	1.27	1.35	0.7	250	25.9291667	0.023537201		
A_SP_3_l	G+0.3Q-Ey+0.3Ex	22.315	12.91	0.068	-1.3238	0.8858	5.5207	1.27	1.35	0.7	250	25.9291667	0.051054475		
A_SP_3_l	1.35G+1.5Q	-5.909	-9.344	-1.011	-2.5825	0.4981	-2.6308	1.27	1.35	0.7	250	25.9291667	0.099598265		
A_SP_3_r	G+0.3Q+Ex+0.3Ey	14.252	-9.282	-9.452	-9.7874	2.7309	6.0328	1.27	1.35	0.7	250	25.9291667	0.377466817		
A_SP_3_r	G+0.3Q+Ex-0.3Ey	26.463	4.162	-8.238	-9.7324	2.1993	-0.2034	1.27	1.35	0.7	250	25.9291667	0.375345653		
A_SP_3_r	G+0.3Q-Ey-0.3Ex	-25.357	1.81	10.639	8.3935	-1.9753	-1.9843	1.27	1.35	0.7	250	25.9291667	0.323708822		
A_SP_3_r	G+0.3Q-Ey+0.3Ex	-37.568	-11.633	9.425	8.3385	-1.4437	4.2518	1.27	1.35	0.7	250	25.9291667	0.321587659		
A_SP_3_r	G+0.3Q+Ey+0.3Ex	-18.131	-25.789	-4.262	-3.5074	1.8901	12.6849	1.27	1.35	0.7	250	25.9291667	0.13526852		
A_SP_3_r	G+0.3Q+Ey-0.3Ex	-33.678	-26.495	1.401	1.9303	0.6377	12.1506	1.27	1.35	0.7	250	25.9291667	0.074445123		
A_SP_3_r	G+0.3Q-Ey-0.3Ex	7.026	18.318	5.449	2.1135	-1.1345	-8.6364	1.27	1.35	0.7	250	25.9291667	0.081510525		
A_SP_3_r	G+0.3Q-Ey+0.3Ex	22.573	19.023	-0.214	-3.3243	0.1179	-8.1022	1.27	1.35	0.7	250	25.9291667	0.128206974		
A_SP_3_r	1.35G+1.5Q	-8.11	-3.183	0.699	-1.3226	0.4598	2.5811	1.27	1.35	0.7	250	25.9291667	0.051008195		
A_SP_4_l	G+0.3Q+Ex+0.3Ey	-14.883	3.932	-20.029	-1.5539	-10.212	27.2253	2.27	1.35	0.7	250	46.3458333	0.033528365		
A_SP_4_l	G+0.3Q+Ex-0.3Ey	-19.621	40.434	-17.783	-1.8227	-9.3062	53.4722	2.27	1.35	0.7	250	46.3458333	0.039328239		
A_SP_4_l	G+0.3Q-Ey-0.3Ex	-24.128	15.124	22.332	-4.0067	11.8221	12.5339	2.27	1.35	0.7	250	46.345			

A_SP_4_r	G+0.3Q+Ey+0.3Ex	-32.843	-31.022	-6.884	-6.5909	0.1778	30.7993	2.27	1.35	0.7	250	46.3458333	0.142211274
A_SP_4_r	G+0.3Q+Ey-0.3Ex	-29.542	-40.939	3.728	2.1671	-0.3728	27.6518	2.27	1.35	0.7	250	46.3458333	0.046759328
A_SP_4_r	G+0.3Q-Ey-0.3Ex	7.723	81.292	11.152	-1.2346	0.2565	-33.5359	2.27	1.35	0.7	250	46.3458333	0.026638856
A_SP_4_r	G+0.3Q-Ey+0.3Ex	4.422	91.209	0.54	-9.9925	0.807	-30.3884	2.27	1.35	0.7	250	46.3458333	0.2156073
A_SP_4_r	1.35G+1.5Q	-19.348	40.415	3.076	-5.3434	0.3672	-2.6035	2.27	1.35	0.7	250	46.3458333	0.115294075
A_SP_5_l	G+0.3Q+Ex+0.3Ey	-47.566	35.167	-11.407	-4.8962	-3.5037	17.1355	2.27	1.35	0.7	250	46.3458333	0.10564488
A_SP_5_l	G+0.3Q+Ex-0.3Ey	-59.708	93.644	-8.813	-5.7881	-1.8542	12.0274	2.27	1.35	0.7	250	46.3458333	0.124889328
A_SP_5_l	G+0.3Q-Ex-0.3Ey	-6.944	-2.639	16.821	-3.2029	8.125	7.3692	2.27	1.35	0.7	250	46.3458333	0.069108694
A_SP_5_l	G+0.3Q-Ex+0.3Ey	5.198	-61.116	14.226	-2.311	6.4754	12.4773	2.27	1.35	0.7	250	46.3458333	0.049864245
A_SP_5_l	G+0.3Q+Ey+0.3Ex	-14.934	-66.755	-5.462	-2.9508	-1.9355	21.4645	2.27	1.35	0.7	250	46.3458333	0.063669154
A_SP_5_l	G+0.3Q+Ey-0.3Ex	0.896	-95.64	2.228	-2.1752	1.0583	20.0671	2.27	1.35	0.7	250	46.3458333	0.046934101
A_SP_5_l	G+0.3Q-Ey-0.3Ex	-39.577	99.283	10.876	-5.1483	6.5567	3.0401	2.27	1.35	0.7	250	46.3458333	0.11108442
A_SP_5_l	G+0.3Q-Ey+0.3Ex	-55.406	128.168	3.186	-5.9239	3.563	4.4376	2.27	1.35	0.7	250	46.3458333	0.127819473
A_SP_5_l	1.35G+1.5Q	-42.411	24.19	3.952	-5.8626	3.5217	19.0942	2.27	1.35	0.7	250	46.3458333	0.126496808
A_SP_5_r	G+0.3Q+Ex+0.3Ey	-38.417	47.687	-5.562	-19.6741	2.5631	-30.3443	2.27	1.35	0.7	250	46.3458333	0.424506338
A_SP_5_r	G+0.3Q+Ex-0.3Ey	-33.453	93.718	-3.085	-21.4033	3.4807	-91.0741	2.27	1.35	0.7	250	46.3458333	0.461817136
A_SP_5_r	G+0.3Q-Ex-0.3Ey	-0.157	14.684	15.185	-11.4964	-0.2375	-5.5504	2.27	1.35	0.7	250	46.3458333	0.248056819
A_SP_5_r	G+0.3Q-Ex+0.3Ey	-5.121	-31.347	12.709	13.2256	-1.155	55.1793	2.27	1.35	0.7	250	46.3458333	0.285367617
A_SP_5_r	G+0.3Q+Ey+0.3Ex	-32.554	-33.678	-2.057	-6.1418	0.1913	70.4403	2.27	1.35	0.7	250	46.3458333	0.132521082
A_SP_5_r	G+0.3Q+Ey-0.3Ex	-22.566	-57.388	3.424	3.7281	-0.9242	96.0974	2.27	1.35	0.7	250	46.3458333	0.080440888
A_SP_5_r	G+0.3Q-Ey-0.3Ex	-6.019	96.049	11.681	-2.0359	2.1344	-106.3351	2.27	1.35	0.7	250	46.3458333	0.043928437
A_SP_5_r	G+0.3Q-Ey+0.3Ex	-16.008	119.759	6.199	-11.9058	3.2498	-131.9922	2.27	1.35	0.7	250	46.3458333	0.256890407
A_SP_5_r	1.35G+1.5Q	-29.905	50.054	7.429	-4.6354	1.8512	-27.7327	2.27	1.35	0.7	250	46.3458333	0.100017621
A_SP_6_l	G+0.3Q+Ex+0.3Ey	-39.042	-33.234	-2.177	-1.5909	1.1399	-19.0913	1.25	1.35	0.7	250	25.5208333	0.062337306
A_SP_6_l	G+0.3Q+Ex-0.3Ey	-36.613	-22.464	-2.564	-2.1319	0.791	-11.4031	1.25	1.35	0.7	250	25.5208333	0.083535673
A_SP_6_l	G+0.3Q-Ex-0.3Ey	-3.787	-10.502	3.073	-5.09	-0.2231	-3.0233	1.25	1.35	0.7	250	25.5208333	0.199444898
A_SP_6_l	G+0.3Q-Ex+0.3Ey	-6.216	-21.272	3.46	-4.549	0.1258	-10.7115	1.25	1.35	0.7	250	25.5208333	0.178246531
A_SP_6_l	G+0.3Q+Ey+0.3Ex	-30.387	-41.612	0.248	-1.995	1.192	-25.128	1.25	1.35	0.7	250	25.5208333	0.078171429
A_SP_6_l	G+0.3Q+Ey-0.3Ex	-20.539	-38.024	1.939	-2.8824	0.8877	-22.6141	1.25	1.35	0.7	250	25.5208333	0.11294302
A_SP_6_l	G+0.3Q-Ey-0.3Ex	-12.442	-2.124	0.648	-4.6859	-0.2752	3.0134	1.25	1.35	0.7	250	25.5208333	0.183610776
A_SP_6_l	G+0.3Q-Ey+0.3Ex	-22.29	-5.713	-1.043	-3.7984	0.029	4.0995	1.25	1.35	0.7	250	25.5208333	0.148835265
A_SP_6_l	1.35G+1.5Q	-33.832	-34.635	0.659	-4.8199	0.6924	-17.7073	1.25	1.35	0.7	250	25.5208333	0.188861388
A_SP_6_r	G+0.3Q+Ex+0.3Ey	-31.112	-1.3	1.36	-5.1647	1.7273	1.5325	1.25	1.35	0.7	250	25.5208333	0.202371918
A_SP_6_r	G+0.3Q+Ex-0.3Ey	-37.16	9.481	1.087	-5.6575	1.7066	-3.9069	1.25	1.35	0.7	250	25.5208333	0.221681633
A_SP_6_r	G+0.3Q-Ex-0.3Ey	-5.558	21.453	-0.044	1.1269	-2.3181	-10.9659	1.25	1.35	0.7	250	25.5208333	0.044156082
A_SP_6_r	G+0.3Q-Ex+0.3Ey	0.489	10.672	0.229	1.6197	-2.2974	-5.5265	1.25	1.35	0.7	250	25.5208333	0.063465796
A_SP_6_r	G+0.3Q+Ey+0.3Ex	-12.996	-9.688	1.283	-2.2151	0.3427	5.4079	1.25	1.35	0.7	250	25.5208333	0.086795755
A_SP_6_r	G+0.3Q+Ey-0.3Ex	-3.516	-6.097	0.944	-0.1798	-0.8647	3.2902	1.25	1.35	0.7	250	25.5208333	0.007045224
A_SP_6_r	G+0.3Q-Ey-0.3Ex	-23.674	29.841	0.033	-1.8226	-0.9336	-14.8412	1.25	1.35	0.7	250	25.5208333	0.071416163
A_SP_6_r	G+0.3Q-Ey+0.3Ex	-33.154	26.25	0.372	-3.858	0.2738	-12.7235	1.25	1.35	0.7	250	25.5208333	0.151170612
A_SP_6_r	1.35G+1.5Q	-28.115	13.285	0.899	-2.8831	-0.3581	-6.3922	1.25	1.35	0.7	250	25.5208333	0.112970449
A_SP_7_l	G+0.3Q+Ex+0.3Ey	-50.679	-43.08	-1.982	-1.8878	-0.3263	-15.825	1.25	1.35	0.7	250	25.5208333	0.073970939
A_SP_7_l	G+0.3Q+Ex-0.3Ey	-39.696	-26.293	-2.124	-2.8261	-0.3911	-2.6007	1.25	1.35	0.7	250	25.5208333	0.11073698
A_SP_7_l	G+0.3Q-Ex-0.3Ey	-0.598	-37.545	2.63	-4.0875	-1.5952	-11.5835	1.25	1.35	0.7	250	25.5208333	0.160163265
A_SP_7_l	G+0.3Q-Ex+0.3Ey	-11.581	-54.332	2.771	-3.1492	-1.5304	-24.8078	1.25	1.35	0.7	250	25.5208333	0.123397224
A_SP_7_l	G+0.3Q+Ey+0.3Ex	-49.809	-66.602	-0.153	-1.2346	-0.6723	-34.3973	1.25	1.35	0.7	250	25.5208333	0.048376163
A_SP_7_l	G+0.3Q+Ey-0.3Ex	-38.08	-69.978	1.273	-1.6131	-1.0335	-37.0921	1.25	1.35	0.7	250	25.5208333	0.063207184
A_SP_7_l	G+0.3Q-Ey-0.3Ex	-1.468	-14.023	0.801	-4.7407	-1.2492	6.9888	1.25	1.35	0.7	250	25.5208333	0.185758041
A_SP_7_l	G+0.3Q-Ey+0.3Ex	-13.197	-10.647	-0.625	-4.3623	-0.888	9.6836	1.25	1.35	0.7	250	25.5208333	0.170930939
A_SP_7_l	1.35G+1.5Q	-38.861	-60.038	0.543	-4.4578	-1.4072	-20.0324	1.25	1.35	0.7	250	25.5208333	0.17467298
A_SP_7_r	G+0.3Q+Ex+0.3Ey	-40.624	-2.673	1.788	-3.5837	-0.0859	8.0558	1.25	1.35	0.7	250	25.5208333	0.140422531
A_SP_7_r	G+0.3Q+Ex-0.3Ey	-41.881	14.076	1.773	-4.4651	-0.2094	2.3575	1.25	1.35	0.7	250	25.5208333	0.17495902
A_SP_7_r	G+0.3Q-Ex-0.3Ey	7.018	2.817	-1.684	3.202	-2.1292	2.5934	1.25	1.35	0.7	250	25.5208333	0.125466122
A_SP_7_r	G+0.3Q-Ex+0.3Ey	8.275	-13.933	-1.669	4.0833	-2.0058	8.2918	1.25	1.35	0.7	250	25.5208333	0.159998694
A_SP_7_r	G+0.3Q+Ey+0.3Ex	-22.042	-26.155	0.595	0.128	-0.6138	14.7866	1.25	1.35	0.7	250	25.5208333	0.00501551
A_SP_7_r	G+0.3Q+Ey-0.3Ex	-7.373	-29.533	-0.442	2.4281	-1.1898	14.8573	1.25	1.35	0.7	250	25.5208333	0.095141878
A_SP_7_r	G+0.3Q-Ey-0.3Ex	-11.564	26.299	-0.491	-0.5097	-1.6013	-4.1373	1.25	1.35	0.7	250	25.5208333	0.019971918
A_SP_7_r	G+0.3Q-Ey+0.3Ex	-26.234	29.677	0.546	-2.8098	-1.0254	-4.2081	1.25	1.35	0.7	250	25.5208333	0.110098286
A_SP_7_r	1.35G+1.5Q	-25.759	0.538	0.062	-0.3097	-1.6568	8.0224	1.25	1.35	0.7	250	25.5208333	0.012135184
A_SP_8_l	G+0.3Q+Ex+0.3Ey	-52.314	-38.483	-2.207	2.5464	-0.1052	-2.0727	1.25	1.35	0.7	250	25.5208333	0.099777306
A_SP_8_l	G+0.3Q+Ex-0.3Ey	-41.459	-14.014	-2.487	2.249	-0.2714	11.6614	1.25	1.35	0.7	250	25.5208333	0.088124082
A_SP_8_l	G+0.3Q-Ex-0.3Ey	5.145	-18.539	2.554	-4.6875	-2.0959	4.2303	1.25	1.35	0.7	250	25.5208333	0.183673469
A_SP_8_l	G+0.3Q-Ex+0.3Ey	-5.71	-43.007	2.834	-4.3901	-1.9297	-9.5038	1.25	1.35	0.7	250	25.5208333	0.172020245
A_SP_8_l	G+0.3Q+Ey+0.3Ex	-48.666	-68.613	-0.116	0.4656	-0.5498	-20.6966	1.25	1.35	0.7	250	25.5208333	0.018243918
A_SP_8_l	G+0.3Q+Ey-0.3Ex	-34.685	-69.971	1.396	-1.6154	-1.0972	-22.9259	1.25	1.35	0.7	250	25.5208333	0.063297306
A_SP_8_l	G+0.3Q-Ey-0.3Ex	1.497	11.592	0.463	-2.6067	-1.6513	22.8542	1.25	1.35	0.7	250	25.5208333	0.102140082
A_SP_8_l	G+0.3Q-Ey+0.3Ex	-12.485	12.949	-1.049	-0.5258	-1.1039	25.0835	1.25	1.35	0.7	250	25.5208333	0.020602776
A_SP_8_l	1.35G+1.5Q	-35.403	-42.183	0.236	-1.4154	-1.6894	2.1417	1.25	1.35	0.7	250	25.5208333	0.055460571
A_SP_8_r	G+0.3Q+Ex+0.3Ey	-42.225	49.491	1.243	1.0764	0.8926	7.7409	1.25	1.35	0.7	250	25.5208333	0.042177306
A_SP_8_r	G+0.3Q+Ex-0.3Ey	-48.36	73.945	1.24	0.9385	0.656	-4.9494	1.25	1.35	0.7	250	25.5208333	0.036773878
A_SP_8_r	G+0.3Q-Ex-0.3Ey	1.525	69.42	-1.392	3.2693	-2.6996	-8.2813	1.25	1.35	0.7	250	25.5208333	0.128103184
A_SP_8_r	G+0.3Q-Ex+0.3Ey	7.66	44.966	-1.389	3.4073	-2.463	4.409	1.25	1.35	0.7	250	25.5208333	0.133510531
A_SP_8_r	G+0.3Q+Ey+0.3Ex	-17.609	19.377	0.326	2.0532	-0.0058	21.3801	1.25	1.35	0.7	250	25.5208333	0.080451918
A_SP_8_r	G+0.3Q+Ey-0.3Ex	-2.643	18.02	-0.464	2.7525	-1.0125	20.3806	1.25	1.35	0.7	250	25.5208333	0.107853061
A_SP_8_r	G+0.3Q-Ey-0.3Ex	-23.091	99.534	-0.474	2.2926	-1.8012	-21.9205	1.25	1.35	0.7	250	25.5208333	0.08983249
A_SP_8_r	G+0.3Q-Ey+0.3Ex	-38.057	100.891	0.316	1.5933	-0.7945	-20.9209	1.25	1.35	0.7	250	25.5208333	0.062431347
A_SP_8_r	1.35G+1.5Q	-30.868	89.763	-0.19	3.4152	-1.3348	-0.4736	1.25	1.35	0.7	250	25.5208333	0.133820

A_SP_9_r	G+0.3Q-Ex+0.3Ey	1.783	36.283	-2.341	3.901	-1.7293	-6.1475	1.25	1.35	0.7	250	25.5208333	0.15285551
A_SP_9_r	G+0.3Q+Ey+0.3Ex	-19.419	26.292	0.279	2.7376	-0.2804	5.0512	1.25	1.35	0.7	250	25.5208333	0.107269224
A_SP_9_r	G+0.3Q+Ey-0.3Ex	-5.308	22.288	-0.947	3.2242	-0.8542	6.7769	1.25	1.35	0.7	250	25.5208333	0.126336
A_SP_9_r	G+0.3Q-Ey-0.3Ex	-42.081	75.618	-0.842	3.5361	-1.4422	-35.9023	1.25	1.35	0.7	250	25.5208333	0.138557388
A_SP_9_r	G+0.3Q-Ey+0.3Ex	-46.192	79.622	0.384	3.0495	-0.8685	-37.628	1.25	1.35	0.7	250	25.5208333	0.119490612
A_SP_9_r	1.35G+1.5Q	-39.177	77.004	-0.524	4.6817	-1.2067	-23.3784	1.25	1.35	0.7	250	25.5208333	0.183446204
D_SP_1_l	G+0.3Q+Ex+0.3Ey	7.248	-30.167	-0.239	-26.7151	-0.2525	-12.2609	1.9	1.25	0.8	250	50.6666667	0.527271711
D_SP_1_l	G+0.3Q+Ex-0.3Ey	-35.667	-97.734	3.339	-25.2111	-3.276	-53.6733	1.9	1.25	0.8	250	50.6666667	0.4975875
D_SP_1_l	G+0.3Q-Ex-0.3Ey	-51.684	-55.642	0.646	28.1636	1.1139	-14.3512	1.9	1.25	0.8	250	50.6666667	0.555860526
D_SP_1_l	G+0.3Q-Ex+0.3Ey	-8.768	11.925	-2.933	26.6596	4.1374	27.0611	1.9	1.25	0.8	250	50.6666667	0.526176316
D_SP_1_l	G+0.3Q+Ey+0.3Ex	51.71	63.393	-5.357	-9.7886	4.8114	-49.8162	1.9	1.25	0.8	250	50.6666667	0.193196053
D_SP_1_l	G+0.3Q+Ey-0.3Ex	46.905	76.021	-6.165	6.2239	6.1284	61.6129	1.9	1.25	0.8	250	50.6666667	0.122840132
D_SP_1_l	G+0.3Q-Ey-0.3Ex	-96.146	-149.202	5.763	11.2371	-3.95	-76.4284	1.9	1.25	0.8	250	50.6666667	0.221784868
D_SP_1_l	G+0.3Q-Ey+0.3Ex	-91.341	-161.83	6.571	-4.7753	-5.267	-88.225	1.9	1.25	0.8	250	50.6666667	0.094249342
D_SP_1_l	1.35G+1.5Q	-37.551	-79.187	1.331	-0.1537	0.4847	-22.4855	1.9	1.25	0.8	250	50.6666667	0.003033553
D_SP_1_r	G+0.3Q+Ex+0.3Ey	-0.427	10.619	8.899	19.2197	-0.7412	7.0881	1.9	1.25	0.8	250	50.6666667	0.379336184
D_SP_1_r	G+0.3Q+Ex-0.3Ey	-26.855	-71.798	16.226	20.6517	0.6463	50.1694	1.9	1.25	0.8	250	50.6666667	0.407599342
D_SP_1_r	G+0.3Q-Ex-0.3Ey	-65.484	-20.893	-3.563	-22.4853	3.0914	32.0619	1.9	1.25	0.8	250	50.6666667	0.443788816
D_SP_1_r	G+0.3Q-Ex+0.3Ey	-39.055	61.524	-10.89	-23.9173	1.7039	-11.0104	1.9	1.25	0.8	250	50.6666667	0.472051974
D_SP_1_r	G+0.3Q+Ey+0.3Ex	16.886	124.588	-6.575	2.451	-1.5041	-49.4974	1.9	1.25	0.8	250	50.6666667	0.048375
D_SP_1_r	G+0.3Q+Ey-0.3Ex	5.298	139.86	-12.512	-10.4901	-0.7706	-54.9269	1.9	1.25	0.8	250	50.6666667	0.207041447
D_SP_1_r	G+0.3Q-Ey-0.3Ex	-82.796	-134.862	11.911	-5.7167	3.8543	88.6474	1.9	1.25	0.8	250	50.6666667	0.112829605
D_SP_1_r	G+0.3Q-Ey+0.3Ex	-71.208	-150.134	17.848	7.2244	3.1208	94.0769	1.9	1.25	0.8	250	50.6666667	0.142586842
D_SP_1_r	1.35G+1.5Q	-53.67	-2.568	4.415	-0.9568	1.7882	31.9582	1.9	1.25	0.8	250	50.6666667	0.018884211
D_SP_2_l	G+0.3Q+Ex+0.3Ey	44.78	9.737	2.519	-6.4519	-2.7292	12.0242	1.25	1.25	0.8	250	33.3333333	0.193557
D_SP_2_l	G+0.3Q+Ex-0.3Ey	26.485	-18.526	2.881	-7.5963	-2.4983	0.1927	1.25	1.25	0.8	250	33.3333333	0.227889
D_SP_2_l	G+0.3Q-Ex-0.3Ey	-31.107	-21.186	-1.735	5.1053	0.3988	-0.2826	1.25	1.25	0.8	250	33.3333333	0.153159
D_SP_2_l	G+0.3Q-Ex+0.3Ey	-12.813	7.077	-2.097	6.2497	0.1679	11.5489	1.25	1.25	0.8	250	33.3333333	0.187491
D_SP_2_l	G+0.3Q+Ey+0.3Ex	45.966	41.779	0.481	-0.6712	-1.9845	25.6613	1.25	1.25	0.8	250	33.3333333	0.020136
D_SP_2_l	G+0.3Q+Ey-0.3Ex	28.688	40.981	-0.904	3.1393	-1.1154	25.5187	1.25	1.25	0.8	250	33.3333333	0.094179
D_SP_2_l	G+0.3Q-Ey-0.3Ex	-32.294	-53.228	0.303	-0.6754	-0.3459	-13.9197	1.25	1.25	0.8	250	33.3333333	0.020262
D_SP_2_l	G+0.3Q-Ey+0.3Ex	-15.016	-52.43	1.687	-4.4859	-1.215	-13.7771	1.25	1.25	0.8	250	33.3333333	0.134577
D_SP_2_l	1.35G+1.5Q	12.201	-10.561	0.69	-1.1908	-1.7323	8.2275	1.25	1.25	0.8	250	33.3333333	0.035724
D_SP_2_r	G+0.3Q+Ex+0.3Ey	31.86	41.067	-0.07	1.7717	-4.5505	-14.4554	1.25	1.25	0.8	250	33.3333333	0.053151
D_SP_2_r	G+0.3Q+Ex-0.3Ey	35.883	12.764	-0.131	0.3741	-4.1064	-0.1843	1.25	1.25	0.8	250	33.3333333	0.011223
D_SP_2_r	G+0.3Q-Ex-0.3Ey	-23.578	10.153	-0.416	2.5443	2.009	3.8469	1.25	1.25	0.8	250	33.3333333	0.076329
D_SP_2_r	G+0.3Q-Ex+0.3Ey	-27.6	38.455	-0.355	3.9418	1.5649	-10.4241	1.25	1.25	0.8	250	33.3333333	0.118254
D_SP_2_r	G+0.3Q+Ey+0.3Ex	6.356	73.172	-0.098	4.1617	-2.9282	-29.694	1.25	1.25	0.8	250	33.3333333	0.124851
D_SP_2_r	G+0.3Q+Ey-0.3Ex	-11.482	72.389	-0.184	4.8128	-1.0936	-28.4846	1.25	1.25	0.8	250	33.3333333	0.144384
D_SP_2_r	G+0.3Q-Ey-0.3Ex	1.927	-21.953	-0.388	0.1542	0.3867	19.0855	1.25	1.25	0.8	250	33.3333333	0.004626
D_SP_2_r	G+0.3Q-Ey+0.3Ex	19.765	-21.169	-0.303	-0.4968	-1.4479	17.8761	1.25	1.25	0.8	250	33.3333333	0.014904
D_SP_2_r	1.35G+1.5Q	9.304	36.435	-0.36	2.9975	-1.9267	-6.7081	1.25	1.25	0.8	250	33.3333333	0.089925
D_SP_3_l	G+0.3Q+Ex+0.3Ey	26.691	-34.263	0.494	-1.5817	-3.1139	-10.6903	1.25	1.25	0.8	250	33.3333333	0.047451
D_SP_3_l	G+0.3Q+Ex-0.3Ey	9.192	-58.031	0.403	-2.5555	-3.7734	-23.1986	1.25	1.25	0.8	250	33.3333333	0.076665
D_SP_3_l	G+0.3Q-Ex-0.3Ey	-58.712	-42.252	-0.72	1.8712	1.5425	-16.6951	1.25	1.25	0.8	250	33.3333333	0.056136
D_SP_3_l	G+0.3Q-Ex+0.3Ey	-41.213	-18.484	-0.629	2.845	2.2019	-4.1868	1.25	1.25	0.8	250	33.3333333	0.08535
D_SP_3_l	G+0.3Q+Ey+0.3Ex	23.34	-1.01	0.207	1.1037	-0.484	6.1789	1.25	1.25	0.8	250	33.3333333	0.033111
D_SP_3_l	G+0.3Q+Ey-0.3Ex	2.969	3.724	-0.13	2.4317	1.1107	8.13	1.25	1.25	0.8	250	33.3333333	0.072951
D_SP_3_l	G+0.3Q-Ey-0.3Ex	-55.361	-75.505	-0.433	-0.8143	-1.0874	-33.5643	1.25	1.25	0.8	250	33.3333333	0.024429
D_SP_3_l	G+0.3Q-Ey+0.3Ex	-34.99	-80.239	-0.096	-2.1423	-2.6822	-35.5154	1.25	1.25	0.8	250	33.3333333	0.064269
D_SP_3_l	1.35G+1.5Q	-26.666	-59.327	-0.127	0.0497	-1.1455	-21.8878	1.25	1.25	0.8	250	33.3333333	0.001491
D_SP_3_r	G+0.3Q+Ex+0.3Ey	32.239	-4.386	-2.711	4.245	-1.5073	8.1714	1.25	1.25	0.8	250	33.3333333	0.12735
D_SP_3_r	G+0.3Q+Ex-0.3Ey	32.209	-28.129	-2.548	3.4283	-1.9111	17.9521	1.25	1.25	0.8	250	33.3333333	0.102849
D_SP_3_r	G+0.3Q-Ey-0.3Ex	-41.061	-12.26	1.373	-1.8137	1.4341	8.0808	1.25	1.25	0.8	250	33.3333333	0.054411
D_SP_3_r	G+0.3Q-Ex+0.3Ey	-41.031	11.482	1.21	-0.997	1.838	-1.6999	1.25	1.25	0.8	250	33.3333333	0.02991
D_SP_3_r	G+0.3Q+Ey+0.3Ex	6.629	28.867	-1.529	3.363	0.1348	-6.6944	1.25	1.25	0.8	250	33.3333333	0.10089
D_SP_3_r	G+0.3Q+Ey-0.3Ex	-15.352	33.628	-0.353	1.7904	1.1384	-9.6558	1.25	1.25	0.8	250	33.3333333	0.053712
D_SP_3_r	G+0.3Q-Ey-0.3Ex	-15.451	-45.514	0.191	-0.9317	-0.2079	22.9466	1.25	1.25	0.8	250	33.3333333	0.027951
D_SP_3_r	G+0.3Q-Ey+0.3Ex	6.53	-50.274	-0.985	0.6409	-1.2115	25.908	1.25	1.25	0.8	250	33.3333333	0.019227
D_SP_3_r	1.35G+1.5Q	-8.416	-14.422	-1.09	1.5782	0.0255	12.7269	1.25	1.25	0.8	250	33.3333333	0.047346
ES_A_SP_1_l	G+0.3Q+Ex+0.3Ey	-44.392	-40.824	-2.988	-2.4617	5.9776	-13.1193	1.92	1.2	0.7	250	39.2	0.062798469
ES_A_SP_1_l	G+0.3Q+Ex-0.3Ey	-26.488	54.561	-3.254	3.9094	7.3829	32.087	1.92	1.2	0.7	250	39.2	0.099729592
ES_A_SP_1_l	G+0.3Q-Ex-0.3Ey	-13.748	30.828	2.648	1.6542	-4.5971	9.7074	1.92	1.2	0.7	250	39.2	0.04219898
ES_A_SP_1_l	G+0.3Q-Ex+0.3Ey	-31.652	-64.557	2.914	-4.7169	-6.0024	-35.4989	1.92	1.2	0.7	250	39.2	0.120329082
ES_A_SP_1_l	G+0.3Q+Ey+0.3Ex	-60.821	-160.413	-0.612	-10.684	0.145	-73.6928	1.92	1.2	0.7	250	39.2	0.27255102
ES_A_SP_1_l	G+0.3Q+Ey-0.3Ex	-56.999	-167.533	1.158	-11.3605	-3.449	-80.4067	1.92	1.2	0.7	250	39.2	0.289808673
ES_A_SP_1_l	G+0.3Q-Ey-0.3Ex	2.681	150.417	0.272	9.8765	1.2355	70.2809	1.92	1.2	0.7	250	39.2	0.251951531
ES_A_SP_1_l	G+0.3Q-Ey+0.3Ex	-1.141	157.537	-1.498	10.553	4.8295	76.9947	1.92	1.2	0.7	250	39.2	0.269209184
ES_A_SP_1_l	1.35G+1.5Q	-47.705	-5.041	-0.332	-0.3769	1.0486	0.5518	1.92	1.2	0.7	250	39.2	0.009614796
ES_A_SP_1_r	G+0.3Q+Ex+0.3Ey	-42.005	-26.197	-0.376	6.1521	8.1631	8.8661	1.92	1.2	0.7	250	39.2	0.156941327
ES_A_SP_1_r	G+0.3Q+Ex-0.3Ey	-19.479	68.721	-1.29	11.9743	9.85	-16.655	1.92	1.2	0.7	250	39.2	0.305466837
ES_A_SP_1_r	G+0.3Q-Ex-0.3Ey	-15.945	46.273	-0.715	-4.2931	-5.8219	-15.9597	1.92	1.2	0.7	250	39.2	0.109517857
ES_A_SP_1_r	G+0.3Q-Ex+0.3Ey	-38.471	-48.645	0.199	-10.1152	-7.5088	9.5614	1.92	1.2	0.7	250	39.2	0.258040816
ES_A_SP_1_r	G+0.3Q+Ey+0.3Ex	-67.049	-144.791	0.891	-6.3339	0.7099	38.8841	1.92	1.2	0.7	250	39.2	0.161579082
ES_A_SP_1_r	G+0.3Q+Ey-0.3Ex	-65.988	-151.526	1.064	-11.2141	-3.9917	39.0927	1.92	1.2	0.7	250	39.2	0.28607398
ES_A_SP_1_r	G+0.3Q-Ey+0.3Ex	9.098	164.867	-1.983	8.1929	1.6313	-45.9777	1.92	1.2	0.7	250	39.2	0.209002551
ES_A_SP_1_r	G+0.3Q-Ey-0.3Ex	8.038	171.601	-2.155	13.0732	6.3329	-46.1863	1.92	1.2	0.7	250	39.2	0.3335
ES_A_SP_1_r	1.35G+1.5Q	-48.07	18.303	-0.688	1.5832	1.7707	-4.6335	1.92	1.2	0.7	250	39.2	0.040387755
ES_A_SP_2_l	G+0.3Q+Ex+0.3Ey												



ES_A_SP_2_r	G+0.3Q-Ex-0.3Ey	-28.687	29.881	-15.536	-2.0901	0.2435	-8.1812	1.92	1.2	0.7	250	39.2	0.053318878
ES_A_SP_2_r	G+0.3Q-Ex+0.3Ey	-35.166	-49.895	-22.125	-3.2354	3.261	22.8163	1.92	1.2	0.7	250	39.2	0.082535714
ES_A_SP_2_r	G+0.3Q+Ey+0.3Ex	-57.244	-53.128	-2.091	-1.8486	6.3886	24.5226	1.92	1.2	0.7	250	39.2	0.047158163
ES_A_SP_2_r	G+0.3Q+Ey-0.3Ex	-50.543	-94.592	-14.886	-3.1053	6.5699	40.4261	1.92	1.2	0.7	250	39.2	0.079216837
ES_A_SP_2_r	G+0.3Q-Ey-0.3Ex	-28.946	171.327	7.08	0.7123	-3.4884	-62.899	1.92	1.2	0.7	250	39.2	0.018170918
ES_A_SP_2_r	G+0.3Q-Ey+0.3Ex	-35.648	212.79	19.875	1.9691	-3.6697	-78.8025	1.92	1.2	0.7	250	39.2	0.050232143
ES_A_SP_2_r	1.35G+1.5Q	-73.277	100.986	3.846	-0.6433	1.8922	-32.0818	1.92	1.2	0.7	250	39.2	0.016410714
ES_A_SP_3_l	G+0.3Q+Ex+0.3Ey	-57.608	-95.107	-26.324	-7.5132	0.1829	-35.2256	1.92	1.2	0.7	250	39.2	0.191663265
ES_A_SP_3_l	G+0.3Q+Ex-0.3Ey	-40.912	-23.051	-24.375	-7.8164	1.2137	-2.1728	1.92	1.2	0.7	250	39.2	0.199397959
ES_A_SP_3_l	G+0.3Q-Ex-0.3Ey	-32.491	-6.26	20.508	7.9002	2.1172	-0.3388	1.92	1.2	0.7	250	39.2	0.201535714
ES_A_SP_3_l	G+0.3Q-Ey-0.3Ex	-49.187	-78.316	18.558	8.2033	1.0865	-33.3916	1.92	1.2	0.7	250	39.2	0.209267857
ES_A_SP_3_l	G+0.3Q+Ey+0.3Ex	-74.14	-173.296	-12.889	-1.6587	-0.7034	-73.1453	1.92	1.2	0.7	250	39.2	0.042313776
ES_A_SP_3_l	G+0.3Q+Ey-0.3Ex	-71.614	-168.258	0.575	3.0563	-0.4324	-72.5951	1.92	1.2	0.7	250	39.2	0.077966837
ES_A_SP_3_l	G+0.3Q-Ey-0.3Ex	-15.959	71.928	7.073	2.0457	3.0036	37.5809	1.92	1.2	0.7	250	39.2	0.052186224
ES_A_SP_3_l	G+0.3Q-Ey+0.3Ex	-18.485	66.891	-6.392	-2.6693	2.7325	37.0307	1.92	1.2	0.7	250	39.2	0.068094388
ES_A_SP_3_l	1.35G+1.5Q	-76.92	-86.212	-4.299	-0.2896	1.4287	-29.2355	1.92	1.2	0.7	250	39.2	0.007387755
ES_A_SP_3_r	G+0.3Q+Ex+0.3Ey	-43.224	-20.59	-9.47	-13.7302	9.2675	7.6941	1.92	1.2	0.7	250	39.2	0.350260204
ES_A_SP_3_r	G+0.3Q+Ex-0.3Ey	-45.305	49.388	-8.43	-14.9101	9.2586	-21.3186	1.92	1.2	0.7	250	39.2	0.380359694
ES_A_SP_3_r	G+0.3Q-Ex-0.3Ey	-39.587	54.808	9.466	13.4337	-5.0469	-20.3747	1.92	1.2	0.7	250	39.2	0.342696429
ES_A_SP_3_r	G+0.3Q-Ex+0.3Ey	-37.506	-15.17	8.426	14.6136	-5.038	8.638	1.92	1.2	0.7	250	39.2	0.209267857
ES_A_SP_3_r	G+0.3Q+Ey+0.3Ex	-38.796	-100.334	-4.421	-2.4333	4.2711	41.8727	1.92	1.2	0.7	250	39.2	0.06207398
ES_A_SP_3_r	G+0.3Q+Ey-0.3Ex	-37.08	-98.708	0.948	6.0698	-0.0206	42.1558	1.92	1.2	0.7	250	39.2	0.154841837
ES_A_SP_3_r	G+0.3Q-Ey-0.3Ex	-44.015	134.552	4.416	2.1368	-0.0504	-54.5533	1.92	1.2	0.7	250	39.2	0.054510204
ES_A_SP_3_r	G+0.3Q-Ey+0.3Ex	-45.731	132.926	-0.953	-6.3663	4.2412	-54.8365	1.92	1.2	0.7	250	39.2	0.162405612
ES_A_SP_3_r	1.35G+1.5Q	-70.864	29.149	-0.106	-0.4358	2.812	-9.8503	1.92	1.2	0.7	250	39.2	0.011117347
ES_A_SP_4_l	G+0.3Q+Ex+0.3Ey	-36.045	-29.646	-11.295	-7.2772	6.829	-1.0726	1.92	1.2	0.7	250	39.2	0.185642857
ES_A_SP_4_l	G+0.3Q+Ex-0.3Ey	-31.366	40.407	-11.132	-7.2649	7.0347	26.5447	1.92	1.2	0.7	250	39.2	0.185329082
ES_A_SP_4_l	G+0.3Q-Ex-0.3Ey	-33.383	-34.978	13.721	6.9432	-3.0365	-7.9035	1.92	1.2	0.7	250	39.2	0.177122449
ES_A_SP_4_l	G+0.3Q-Ex+0.3Ey	-38.062	-105.031	13.558	6.9309	-3.2422	-35.5207	1.92	1.2	0.7	250	39.2	0.176808673
ES_A_SP_4_l	G+0.3Q+Ey+0.3Ex	-42.21	-137.76	-2.786	-2.3187	3.0641	-45.3496	1.92	1.2	0.7	250	39.2	0.05915051
ES_A_SP_4_l	G+0.3Q+Ey-0.3Ex	-42.815	-160.375	4.67	1.9437	0.0428	-55.6841	1.92	1.2	0.7	250	39.2	0.049584184
ES_A_SP_4_l	G+0.3Q-Ey-0.3Ex	-27.218	73.135	5.212	1.9847	0.7284	36.3736	1.92	1.2	0.7	250	39.2	0.050630102
ES_A_SP_4_l	G+0.3Q-Ey+0.3Ex	-26.613	95.751	-2.244	-2.2777	3.7497	46.708	1.92	1.2	0.7	250	39.2	0.058104592
ES_A_SP_4_l	1.35G+1.5Q	-58.773	-55.57	1.821	-0.6873	2.3767	-5.9931	1.92	1.2	0.7	250	39.2	0.017533163
ES_A_SP_4_r	G+0.3Q+Ex+0.3Ey	-36.976	41.562	-1.602	-15.1758	7.4647	0.2886	1.92	1.2	0.7	250	39.2	0.387137755
ES_A_SP_4_r	G+0.3Q+Ex-0.3Ey	-53.394	112.591	-1.095	-15.6349	7.88	-31.8785	1.92	1.2	0.7	250	39.2	0.39884949
ES_A_SP_4_r	G+0.3Q-Ex-0.3Ey	-34.347	45.393	4.999	12.733	-5.7598	-16.1684	1.92	1.2	0.7	250	39.2	0.324821429
ES_A_SP_4_r	G+0.3Q-Ex+0.3Ey	-17.928	-25.636	4.491	13.1921	-6.1751	15.9987	1.92	1.2	0.7	250	39.2	0.336533163
ES_A_SP_4_r	G+0.3Q+Ey+0.3Ex	-11.154	-64.825	-0.062	-4.7114	2.2063	43.3155	1.92	1.2	0.7	250	39.2	0.120188776
ES_A_SP_4_r	G+0.3Q+Ey-0.3Ex	-5.44	-84.984	1.766	3.799	-1.8856	48.0285	1.92	1.2	0.7	250	39.2	0.096913265
ES_A_SP_4_r	G+0.3Q-Ey-0.3Ex	-60.169	151.78	3.458	2.2686	-0.5014	-59.1953	1.92	1.2	0.7	250	39.2	0.057872449
ES_A_SP_4_r	G+0.3Q-Ey+0.3Ex	-65.883	171.939	1.63	-6.2417	3.5905	-63.9083	1.92	1.2	0.7	250	39.2	0.159227041
ES_A_SP_4_r	1.35G+1.5Q	-60.043	72.521	2.337	-1.7209	0.8903	-11.554	1.92	1.2	0.7	250	39.2	0.04390051
ES_A_SP_5_l	G+0.3Q+Ex+0.3Ey	-52.091	-5.796	-6.566	-4.2578	5.9252	-3.7505	1.92	1.2	0.7	250	39.2	0.108617347
ES_A_SP_5_l	G+0.3Q+Ex-0.3Ey	-69.839	78.183	-5.783	-3.523	6.4748	15.8015	1.92	1.2	0.7	250	39.2	0.089872449
ES_A_SP_5_l	G+0.3Q-Ex-0.3Ey	-10.592	-49.81	11.169	2.1794	-3.7788	-4.0772	1.92	1.2	0.7	250	39.2	0.055596939
ES_A_SP_5_l	G+0.3Q-Ex+0.3Ey	7.156	-133.789	10.386	1.4447	-4.3284	-23.6292	1.92	1.2	0.7	250	39.2	0.036854592
ES_A_SP_5_l	G+0.3Q+Ey+0.3Ex	-10.648	-148.569	-1.546	-3.1191	1.6952	-33.5187	1.92	1.2	0.7	250	39.2	0.079568878
ES_A_SP_5_l	G+0.3Q+Ey-0.3Ex	7.126	-186.967	3.539	-1.4084	-1.3809	-39.4823	1.92	1.2	0.7	250	39.2	0.035928571
ES_A_SP_5_l	G+0.3Q-Ey-0.3Ex	-52.035	92.963	6.149	1.0407	0.4511	25.691	1.92	1.2	0.7	250	39.2	0.026548469
ES_A_SP_5_l	G+0.3Q-Ey+0.3Ex	-69.809	131.36	1.064	-0.67	3.5272	31.6546	1.92	1.2	0.7	250	39.2	0.017091837
ES_A_SP_5_l	1.35G+1.5Q	-51.316	-44.411	3.471	-1.7622	1.2088	-2.8577	1.92	1.2	0.7	250	39.2	0.044954082
ES_A_SP_5_r	G+0.3Q+Ex+0.3Ey	-58.039	62.696	2.834	-11.1397	4.8487	-18.0969	1.92	1.2	0.7	250	39.2	0.28417602
ES_A_SP_5_r	G+0.3Q+Ex-0.3Ey	-95.975	145.522	4.3	-10.8691	5.0744	-69.0325	1.92	1.2	0.7	250	39.2	0.277272959
ES_A_SP_5_r	G+0.3Q-Ex-0.3Ey	-5.331	29.241	2.931	8.9882	-6.1986	-4.6505	1.92	1.2	0.7	250	39.2	0.229290816
ES_A_SP_5_r	G+0.3Q-Ex+0.3Ey	32.605	-53.585	1.465	8.7176	-6.4243	46.2851	1.92	1.2	0.7	250	39.2	0.222387755
ES_A_SP_5_r	G+0.3Q+Ey+0.3Ex	17.945	-74.634	0.645	-4.5054	0.6397	63.8617	1.92	1.2	0.7	250	39.2	0.114933673
ES_A_SP_5_r	G+0.3Q+Ey-0.3Ex	45.138	-109.518	0.234	1.4518	-2.7422	83.1763	1.92	1.2	0.7	250	39.2	0.037035714
ES_A_SP_5_r	G+0.3Q-Ey-0.3Ex	-81.315	166.571	5.12	2.3538	-1.9897	-86.6091	1.92	1.2	0.7	250	39.2	0.060045918
ES_A_SP_5_r	G+0.3Q-Ey+0.3Ex	-108.508	201.455	5.531	-3.6034	1.3922	-105.9237	1.92	1.2	0.7	250	39.2	0.091923469
ES_A_SP_5_r	1.35G+1.5Q	-52.408	80.733	4.183	-1.3232	-1.3489	-17.8617	1.92	1.2	0.7	250	39.2	0.033755102
N_SP_1_l	G+0.3Q+Ex+0.3Ey	-92.759	-156.586	0.518	-1.0957	-0.6021	-65.1309	1.3	1.15	0.7	250	26.5416667	0.041282261
N_SP_1_l	G+0.3Q+Ex-0.3Ey	-78.788	-142.566	-0.867	-1.3386	-0.595	-58.5783	1.3	1.15	0.7	250	26.5416667	0.050433909
N_SP_1_l	G+0.3Q-Ex-0.3Ey	29.306	140.793	-0.31	0.5053	1.4178	61.5431	1.3	1.15	0.7	250	26.5416667	0.019037991
N_SP_1_l	G+0.3Q-Ex+0.3Ey	15.335	126.773	1.076	0.7482	1.4107	54.9905	1.3	1.15	0.7	250	26.5416667	0.028189639
N_SP_1_l	G+0.3Q+Ey+0.3Ex	-71.225	-73.767	2.33	-0.1669	0.0941	-30.7331	1.3	1.15	0.7	250	26.5416667	0.006288226
N_SP_1_l	G+0.3Q+Ey-0.3Ex	-38.796	11.241	2.498	0.3862	0.698	5.3033	1.3	1.15	0.7	250	26.5416667	0.014550706
N_SP_1_l	G+0.3Q-Ey-0.3Ex	7.772	57.973	-2.122	-0.4235	0.7216	27.1453	1.3	1.15	0.7	250	26.5416667	0.015956044
N_SP_1_l	G+0.3Q-Ey+0.3Ex	-24.657	-27.034	-2.289	-0.9766	0.1178	-8.8912	1.3	1.15	0.7	250	26.5416667	0.036794976
N_SP_1_l	1.35G+1.5Q	-50.428	-12.565	0.255	-0.5675	0.6208	-2.8524	1.3	1.15	0.7	250	26.5416667	0.021381476
N_SP_1_r	G+0.3Q+Ex+0.3Ey	2.946	-136.616	-1.173	-0.3001	1.5989	59.996	1.3	1.15	0.7	250	26.5416667	0.01130675
N_SP_1_r	G+0.3Q+Ex-0.3Ey	7.491	-124.044	-0.702	-1.8721	2.0016	55.8293	1.3	1.15	0.7	250	26.5416667	0.07053438
N_SP_1_r	G+0.3Q-Ex-0.3Ey	-68.192	158.615	0.334	0.1126	-0.4279	-66.419	1.3	1.15	0.7	250	26.5416667	0.004242386
N_SP_1_r	G+0.3Q-Ex+0.3Ey	-72.737	146.043	-0.137	1.6847	-0.8306	-62.2523	1.3	1.15	0.7	250	26.5416667	0.063473783
N_SP_1_r	G+0.3Q+Ey+0.3Ex	-28.845	-52.353	-1.36	2.2286	0.2787	22.0703	1.3	1.15	0.7	250	26.5416667	0.083966091
N_SP_1_r	G+0.3Q+Ey-0.3Ex	-51.55	32.445	-1.049	2.824	-0.4502	-14.6042	1.3	1.15	0.7	250	26.5416667	0.106398744
N_SP_1_r	G+0.3Q-Ey-0.3Ex	-36.4	74.352	0.521	-2.416	0.8923	-28.4933	1.3	1.15	0.7	250	26.5416667	0.091026688
N_SP_1_r	G+0.3Q-Ey+0.3Ex	-13.696	-10.446	0.21	-3.0114	1.6212	8.1812	1.3	1.15	0.7	250	26.5416667	0.113459341
N_SP_1_r	1.35G+1.5Q	-52.013	17.778	-0.645	-0.0431	0.840							

N_SP_2_r	G+0.3Q+Ex-0.3Ey	-36.287	-145.874	-0.083	0.0379	1.9699	86.139	1.7	1.15	0.7	250	34.7083333	0.001091957
N_SP_2_r	G+0.3Q-Ex-0.3Ey	-40.744	201.516	-1.088	0.0504	1.1056	-107.0701	1.7	1.15	0.7	250	34.7083333	0.001452101
N_SP_2_r	G+0.3Q-Ex+0.3Ey	-30.08	186.3	0.31	1.4726	-0.0904	-100.8476	1.7	1.15	0.7	250	34.7083333	0.042427851
N_SP_2_r	G+0.3Q+Ey+0.3Ex	-14.741	-57.255	2.594	3.1236	-0.924	31.9978	1.7	1.15	0.7	250	34.7083333	0.089995678
N_SP_2_r	G+0.3Q+Ey-0.3Ex	-16.078	46.962	2.292	3.1274	-1.1833	-25.9649	1.7	1.15	0.7	250	34.7083333	0.090105162
N_SP_2_r	G+0.3Q-Ey-0.3Ex	-51.626	97.682	-2.367	-1.6132	2.8035	-46.7065	1.7	1.15	0.7	250	34.7083333	0.046478752
N_SP_2_r	G+0.3Q-Ey+0.3Ex	-50.289	-6.536	-2.065	-1.6169	3.0628	11.2563	1.7	1.15	0.7	250	34.7083333	0.046585354
N_SP_2_r	1.35G+1.5Q	-51.767	30.792	0.17	1.0307	1.4133	-11.1447	1.7	1.15	0.7	250	34.7083333	0.029696038
N_SP_3_l	G+0.3Q+Ex+0.3Ey	-8.282	-106.595	1.345	-3.878	-1.5844	-33.2826	1.6	1.15	0.7	250	32.6666667	0.118714286
N_SP_3_l	G+0.3Q+Ex-0.3Ey	-15.645	-98.369	0.418	-1.455	1.2013	-32.7868	1.6	1.15	0.7	250	32.6666667	0.044540816
N_SP_3_l	G+0.3Q-Ex-0.3Ey	9.442	44.814	-1.5	0.4626	1.4383	35.7613	1.6	1.15	0.7	250	32.6666667	0.014161224
N_SP_3_l	G+0.3Q-Ex+0.3Ey	16.805	36.588	-0.573	-1.9604	-1.3474	35.2655	1.6	1.15	0.7	250	32.6666667	0.060012245
N_SP_3_l	G+0.3Q+Ey+0.3Ex	9.088	-66.078	1.755	-6.0337	-4.7515	-9.8692	1.6	1.15	0.7	250	32.6666667	0.184705102
N_SP_3_l	G+0.3Q+Ey-0.3Ex	16.614	-23.123	1.179	-5.4584	-4.6804	10.6952	1.6	1.15	0.7	250	32.6666667	0.167093878
N_SP_3_l	G+0.3Q-Ey-0.3Ex	-7.928	4.297	-1.91	2.6183	4.6054	12.348	1.6	1.15	0.7	250	32.6666667	0.080152041
N_SP_3_l	G+0.3Q-Ey+0.3Ex	-15.454	-38.657	-1.335	2.043	4.5343	-8.2165	1.6	1.15	0.7	250	32.6666667	0.062540816
N_SP_3_l	1.35G+1.5Q	2.818	-46.796	-0.137	-2.364	-0.2608	1.2542	1.6	1.15	0.7	250	32.6666667	0.072367347
N_SP_3_r	G+0.3Q+Ex+0.3Ey	24.989	-42.157	0.847	-0.9513	-2.4799	32.3516	1.6	1.15	0.7	250	32.6666667	0.029121429
N_SP_3_r	G+0.3Q+Ex-0.3Ey	15.164	-33.905	1.559	-2.4666	4.0538	25.5996	1.6	1.15	0.7	250	32.6666667	0.075508163
N_SP_3_r	G+0.3Q-Ey-0.3Ex	-24.629	109.297	-0.643	-0.7787	2.2921	-33.3411	1.6	1.15	0.7	250	32.6666667	0.023837755
N_SP_3_r	G+0.3Q-Ey+0.3Ex	-14.804	101.044	-1.355	0.7366	-0.6416	-26.5891	1.6	1.15	0.7	250	32.6666667	0.02254898
N_SP_3_r	G+0.3Q+Ex+0.3Ey	22.524	-1.665	-0.754	1.4072	-5.2591	19.5997	1.6	1.15	0.7	250	32.6666667	0.043077551
N_SP_3_r	G+0.3Q+Ex-0.3Ey	10.586	41.295	-1.415	1.9136	-4.7076	1.9175	1.6	1.15	0.7	250	32.6666667	0.058579592
N_SP_3_r	G+0.3Q-Ey-0.3Ex	-22.164	68.805	0.958	-3.1372	5.0714	-20.5892	1.6	1.15	0.7	250	32.6666667	0.096036735
N_SP_3_r	G+0.3Q-Ey+0.3Ex	-10.225	25.844	1.619	-3.6436	4.5199	-2.907	1.6	1.15	0.7	250	32.6666667	0.111538776
N_SP_3_r	1.35G+1.5Q	2.496	49.897	0.096	-1.1269	-0.2478	-1.0516	1.6	1.15	0.7	250	32.6666667	0.034496939
N_SP_4_l	G+0.3Q+Ex+0.3Ey	-31.281	-30.25	33.184	11.0551	20.3108	-1.792	1.7	1	0.7	250	34.7083333	0.318514286
N_SP_4_l	G+0.3Q+Ex-0.3Ey	-37.346	-16.511	30.526	17.3682	20.5665	5.8094	1.7	1	0.7	250	34.7083333	0.500404322
N_SP_4_l	G+0.3Q-Ey-0.3Ex	-9.359	103.014	-19.302	2.3199	-17.6649	40.9954	1.7	1	0.7	250	34.7083333	0.066839856
N_SP_4_l	G+0.3Q-Ey+0.3Ex	-3.294	89.274	-16.643	-3.9932	-17.9105	33.394	1.7	1	0.7	250	34.7083333	0.11505018
N_SP_4_l	G+0.3Q+Ex+0.3Ey	-14.411	-4.447	18.846	-1.5771	6.6467	1.6549	1.7	1	0.7	250	34.7083333	0.045438655
N_SP_4_l	G+0.3Q+Ex-0.3Ey	-6.015	31.411	3.898	-6.0916	-4.8197	12.2107	1.7	1	0.7	250	34.7083333	0.175508283
N_SP_4_l	G+0.3Q-Ey-0.3Ex	-26.229	77.21	-4.964	14.9522	-4.0008	37.5485	1.7	1	0.7	250	34.7083333	0.430795678
N_SP_4_l	G+0.3Q-Ey+0.3Ex	-34.625	41.353	9.985	19.4666	7.4656	26.9927	1.7	1	0.7	250	34.7083333	0.560862425
N_SP_4_l	1.35G+1.5Q	-31.774	55.279	12.041	10.6237	3.0716	30.3673	1.7	1	0.7	250	34.7083333	0.306084994
N_SP_4_r	G+0.3Q+Ex+0.3Ey	-14.473	-1.38	14.451	0.2433	1.5679	3.3665	1.7	1	0.7	250	34.7083333	0.007009844
N_SP_4_r	G+0.3Q+Ex-0.3Ey	-23.115	12.291	13.026	3.6699	3.4387	1.8581	1.7	1	0.7	250	34.7083333	0.105735414
N_SP_4_r	G+0.3Q-Ey-0.3Ex	-42.405	132.872	-12.088	8.0533	-5.4284	-37.5121	1.7	1	0.7	250	34.7083333	0.232027851
N_SP_4_r	G+0.3Q-Ey+0.3Ex	-33.763	119.2	-10.662	4.6267	-7.2992	-36.0037	1.7	1	0.7	250	34.7083333	0.133302281
N_SP_4_r	G+0.3Q+Ex+0.3Ey	-11.143	24.873	7.325	-2.2203	-3.7182	-8.6533	1.7	1	0.7	250	34.7083333	0.063970228
N_SP_4_r	G+0.3Q+Ex-0.3Ey	-16.93	61.048	-0.209	-0.9053	-6.3784	-20.4643	1.7	1	0.7	250	34.7083333	0.026083073
N_SP_4_r	G+0.3Q-Ey-0.3Ex	-45.735	106.618	-4.962	10.5169	-0.1423	-25.4923	1.7	1	0.7	250	34.7083333	0.303007923
N_SP_4_r	G+0.3Q-Ey+0.3Ex	-39.948	70.444	2.572	9.2019	2.5178	-13.6813	1.7	1	0.7	250	34.7083333	0.265120768
N_SP_4_r	1.35G+1.5Q	-43.837	99.303	2.484	6.0909	-2.7308	-25.2951	1.7	1	0.7	250	34.7083333	0.175488115
N_SP_5_l	G+0.3Q+Ex+0.3Ey	12.141	-80.627	1.562	-2.8995	-3.0528	-20.1141	1.7	1.4	0.7	250	34.7083333	0.083539016
N_SP_5_l	G+0.3Q+Ex-0.3Ey	4.446	-64.693	0.344	-0.7813	-0.888	-15.141	1.7	1.4	0.7	250	34.7083333	0.022510444
N_SP_5_l	G+0.3Q-Ey-0.3Ex	-43.943	40.04	-2.736	4.9717	-0.2714	-12.3025	1.7	1.4	0.7	250	34.7083333	0.143242257
N_SP_5_l	G+0.3Q-Ey+0.3Ex	-36.248	24.106	-1.519	2.8535	-2.4362	-17.2757	1.7	1.4	0.7	250	34.7083333	0.082213685
N_SP_5_l	G+0.3Q+Ex+0.3Ey	4.181	-62.56	1.904	-3.3572	-5.3626	-24.9227	1.7	1.4	0.7	250	34.7083333	0.09672605
N_SP_5_l	G+0.3Q+Ex-0.3Ey	-10.335	-31.14	0.98	-1.6312	-5.1776	-24.0711	1.7	1.4	0.7	250	34.7083333	0.046997359
N_SP_5_l	G+0.3Q-Ey-0.3Ex	-35.983	21.973	-3.078	5.4294	2.3384	-7.494	1.7	1.4	0.7	250	34.7083333	0.156429292
N_SP_5_l	G+0.3Q-Ey+0.3Ex	-21.467	-9.447	-2.154	3.7035	1.8534	-8.3455	1.7	1.4	0.7	250	34.7083333	0.106703481
N_SP_5_l	1.35G+1.5Q	-24.906	-28.519	-0.779	1.3658	-2.4781	-23.8201	1.7	1.4	0.7	250	34.7083333	0.03935078
N_SP_5_r	G+0.3Q+Ex+0.3Ey	50.927	-41.63	-1.051	0.1623	-2.7188	39.6586	1.7	1.4	0.7	250	34.7083333	0.00467611
N_SP_5_r	G+0.3Q+Ex-0.3Ey	36.642	-25.659	-0.481	-2.4208	-0.2384	29.0506	1.7	1.4	0.7	250	34.7083333	0.069746939
N_SP_5_r	G+0.3Q-Ey-0.3Ex	-79.443	79.358	-1.413	5.0248	1.8905	-73.3772	1.7	1.4	0.7	250	34.7083333	0.144772149
N_SP_5_r	G+0.3Q-Ey+0.3Ex	-65.157	63.386	-1.984	7.6079	-0.5899	-62.7693	1.7	1.4	0.7	250	34.7083333	0.219195198
N_SP_5_r	G+0.3Q+Ex+0.3Ey	26.965	-23.508	-2.043	5.7819	-4.8674	16.1848	1.7	1.4	0.7	250	34.7083333	0.166585354
N_SP_5_r	G+0.3Q+Ex-0.3Ey	-7.861	7.997	-2.322	8.0155	-4.2288	-14.5436	1.7	1.4	0.7	250	34.7083333	0.230938776
N_SP_5_r	G+0.3Q-Ey-0.3Ex	-55.48	61.236	-0.421	-0.5947	4.0391	-49.9034	1.7	1.4	0.7	250	34.7083333	0.017134214
N_SP_5_r	G+0.3Q-Ey+0.3Ex	-20.655	29.731	-0.142	-2.8284	3.4005	-19.1751	1.7	1.4	0.7	250	34.7083333	0.081490516
N_SP_5_r	1.35G+1.5Q	-23.165	30.219	-1.864	3.6115	-0.6628	-26.7288	1.7	1.4	0.7	250	34.7083333	0.104052821
V_SP_1_l	G+0.3Q+Ex+0.3Ey	-34.139	188.168	1.622	3.7211	0.9199	96.0948	2	1.33	0.7	250	40.8333333	0.09112898
V_SP_1_l	G+0.3Q+Ex-0.3Ey	-26.451	224.359	0.091	2.7908	0.1676	116.4565	2	1.33	0.7	250	40.8333333	0.068346122
V_SP_1_l	G+0.3Q-Ey-0.3Ex	-52.263	-158.715	-4.182	1.031	2.2559	-81.3624	2	1.33	0.7	250	40.8333333	0.02524898
V_SP_1_l	G+0.3Q-Ey+0.3Ex	-59.951	-194.906	-2.651	1.9612	3.0082	-101.7241	2	1.33	0.7	250	40.8333333	0.048029388
V_SP_1_l	G+0.3Q+Ex+0.3Ey	-52.142	11.87	1.912	4.1904	5.2286	3.1029	2	1.33	0.7	250	40.8333333	0.102622041
V_SP_1_l	G+0.3Q+Ex-0.3Ey	-59.886	-103.053	0.631	3.6625	3.1551	-56.2427	2	1.33	0.7	250	40.8333333	0.089693878
V_SP_1_l	G+0.3Q-Ey-0.3Ex	-34.26	17.584	-3.472	0.5617	0.6472	11.6294	2	1.33	0.7	250	40.8333333	0.013755918
V_SP_1_l	G+0.3Q-Ey+0.3Ex	-26.516	132.506	-4.191	1.0896	0.0207	70.9751	2	1.33	0.7	250	40.8333333	0.026684082
V_SP_1_l	1.35G+1.5Q	-66.203	19.558	-1.973	2.2733	2.5306	8.1212	2	1.33	0.7	250	40.8333333	0.055672653
V_SP_1_r	G+0.3Q+Ex+0.3Ey	30.627	137.928	5.015	2.0112	-3.4088	-72.6922	2	1.33	0.7	250	40.8333333	0.049253878
V_SP_1_r	G+0.3Q+Ex-0.3Ey	42.858	165.563	5.544	2.415	-3.5183	-86.1861	2	1.33	0.7	250	40.8333333	0.059142857
V_SP_1_r	G+0.3Q-Ey-0.3Ex	-84.905	-94.533	0.649	3.4562	3.1762	63.5976	2	1.33	0.7	250	40.8333333	0.084641633
V_SP_1_r	G+0.3Q-Ey+0.3Ex	-97.135	-122.169	0.121	3.0524	3.2858	77.0914	2	1.33	0.7	250	40.8333333	0.074752653
V_SP_1_r	G+0.3Q+Ex+0.3Ey	-28.359	14.652	2.685	1.9045	-0.9378	-4.5251	2	1.33	0.7	250	40.8333333	0.046640816
V_SP_1_r	G+0.3Q+Ex-0.3Ey	-66.687	-63.377	1.217	2.2169	1.0705	40.41	2	1.33	0.7	250	40.8333333	0.054291429
V_SP_1_r	G+0.3Q-Ey-0.3Ex	-25.919	28.742	2.979	3.5629	0.7052	-4.5696	2	1.33</				

V_SP_2_r	G+0.3Q+Ex+0.3Ey	-25.78	130.986	0.925	-1.9662	0.012	-34.1725	1	1.35	0.7	250	20.4166667	0.096303673
V_SP_2_r	G+0.3Q+Ex-0.3Ey	-23.236	158.269	-0.588	1.2003	-1.1328	-43.0222	1	1.35	0.7	250	20.4166667	0.058790204
V_SP_2_r	G+0.3Q-Ex-0.3Ey	-36.922	-106.297	0.86	2.7977	2.3031	36.5057	1	1.35	0.7	250	20.4166667	0.137030204
V_SP_2_r	G+0.3Q-Ex+0.3Ey	-39.465	-133.58	2.373	-0.3688	3.4479	45.3554	1	1.35	0.7	250	20.4166667	0.018063673
V_SP_2_r	G+0.3Q+Ey+0.3Ex	-33.537	6.558	3.197	-5.1014	2.5502	3.9868	1	1.35	0.7	250	20.4166667	0.24986449
V_SP_2_r	G+0.3Q+Ey-0.3Ex	-37.643	-72.812	3.631	-4.6222	3.581	27.8452	1	1.35	0.7	250	20.4166667	0.226393469
V_SP_2_r	G+0.3Q-Ey-0.3Ex	-29.164	18.131	-1.412	5.9329	-0.2351	-1.6537	1	1.35	0.7	250	20.4166667	0.29059102
V_SP_2_r	G+0.3Q-Ey+0.3Ex	-25.058	97.501	-1.846	5.4537	-1.2658	-25.512	1	1.35	0.7	250	20.4166667	0.26712
V_SP_2_r	1.35G+1.5Q	-46.667	35.406	1.209	1.1015	1.6788	0.8349	1	1.35	0.7	250	20.4166667	0.05395102
V_SP_3_l	G+0.3Q+Ex+0.3Ey	-85.568	173.628	-0.971	-8.5506	1.6787	98.4927	2	1.35	0.7	250	40.8333333	0.209402449
V_SP_3_l	G+0.3Q+Ex-0.3Ey	-90.955	190.051	-0.523	-5.4402	1.6416	102.0204	2	1.35	0.7	250	40.8333333	0.133229388
V_SP_3_l	G+0.3Q-Ex-0.3Ey	12.037	-193.449	0.867	0.9091	0.9703	-84.3032	2	1.35	0.7	250	40.8333333	0.022263673
V_SP_3_l	G+0.3Q-Ex+0.3Ey	17.425	-209.873	0.419	-2.2013	1.0074	-87.8309	2	1.35	0.7	250	40.8333333	0.053909388
V_SP_3_l	G+0.3Q+Ey+0.3Ex	-43.234	20.242	-1.007	-9.9572	1.487	29.1638	2	1.35	0.7	250	40.8333333	0.243849796
V_SP_3_l	G+0.3Q+Ey-0.3Ex	-12.336	-94.808	-0.59	-8.0524	1.2857	-26.7333	2	1.35	0.7	250	40.8333333	0.197201633
V_SP_3_l	G+0.3Q-Ey-0.3Ex	-30.296	-40.064	0.903	2.3157	1.1619	-14.9743	2	1.35	0.7	250	40.8333333	0.05671102
V_SP_3_l	G+0.3Q-Ey+0.3Ex	-61.194	74.987	0.486	0.4109	1.3633	40.9227	2	1.35	0.7	250	40.8333333	0.010062857
V_SP_3_l	1.35G+1.5Q	-57.407	-9.864	-0.103	-5.373	2.0676	12.977	2	1.35	0.7	250	40.8333333	0.131583673
V_SP_3_r	G+0.3Q+Ex+0.3Ey	-17.561	197.507	2.073	-6.9721	1.9162	-103.0983	2	1.35	0.7	250	40.8333333	0.170745306
V_SP_3_r	G+0.3Q+Ex-0.3Ey	-17.302	210.895	2.776	-4.3336	0.5387	-114.4042	2	1.35	0.7	250	40.8333333	0.10612898
V_SP_3_r	G+0.3Q-Ex-0.3Ey	-44.499	-157.021	1.779	0.9837	-0.6422	102.2483	2	1.35	0.7	250	40.8333333	0.024090612
V_SP_3_r	G+0.3Q-Ex+0.3Ey	-44.757	-170.409	1.076	-1.6548	0.7353	113.5543	2	1.35	0.7	250	40.8333333	0.040525714
V_SP_3_r	G+0.3Q+Ey+0.3Ex	-27.381	53.117	0.904	-8.1893	3.11	-14.0796	2	1.35	0.7	250	40.8333333	0.200554286
V_SP_3_r	G+0.3Q+Ey-0.3Ex	-35.54	-57.258	0.605	-6.5941	2.7557	50.9162	2	1.35	0.7	250	40.8333333	0.161488163
V_SP_3_r	G+0.3Q-Ey-0.3Ex	-34.678	-12.631	2.948	2.2009	-1.836	13.2297	2	1.35	0.7	250	40.8333333	0.053899592
V_SP_3_r	G+0.3Q-Ey+0.3Ex	-26.519	97.744	3.247	0.6057	-1.4817	-51.7661	2	1.35	0.7	250	40.8333333	0.014833469
V_SP_3_r	1.35G+1.5Q	-45.994	36.961	3.05	-3.8224	0.9558	-4.9542	2	1.35	0.7	250	40.8333333	0.093609796
V_SP_4_l	G+0.3Q+Ex+0.3Ey	9.088	12.57	0.683	0.1324	0.7545	15.2297	1.25	1.33	0.7	250	25.5208333	0.005187918
V_SP_4_l	G+0.3Q+Ex-0.3Ey	18.231	21.74	1.381	-3.4833	-0.4132	21.9335	1.25	1.33	0.7	250	25.5208333	0.13648849
V_SP_4_l	G+0.3Q-Ex-0.3Ey	-25.433	-49.578	1.163	-2.478	-0.1251	-30.9919	1.25	1.33	0.7	250	25.5208333	0.097097143
V_SP_4_l	G+0.3Q-Ex+0.3Ey	-34.576	-58.748	0.465	1.1377	1.0426	-37.6956	1.25	1.33	0.7	250	25.5208333	0.044579265
V_SP_4_l	G+0.3Q+Ey+0.3Ex	-16.861	-23.09	-0.208	4.7026	2.2177	-11.1152	1.25	1.33	0.7	250	25.5208333	0.184265143
V_SP_4_l	G+0.3Q+Ey-0.3Ex	-29.96	-44.486	-0.274	5.0042	2.3041	-26.9928	1.25	1.33	0.7	250	25.5208333	0.196082939
V_SP_4_l	G+0.3Q-Ey-0.3Ex	0.516	-13.918	2.054	-7.0481	-1.5883	-4.647	1.25	1.33	0.7	250	25.5208333	0.276170449
V_SP_4_l	G+0.3Q-Ey+0.3Ex	13.615	7.478	2.119	-7.3497	-1.6747	11.2306	1.25	1.33	0.7	250	25.5208333	0.287988245
V_SP_4_l	1.35G+1.5Q	-14.304	-30.727	1.316	-1.5434	0.4265	-13.4729	1.25	1.33	0.7	250	25.5208333	0.060476082
V_SP_4_r	G+0.3Q+Ex+0.3Ey	-14.968	44.286	0.638	-0.3404	-0.5349	-14.3105	1.25	1.33	0.7	250	25.5208333	0.013338122
V_SP_4_r	G+0.3Q+Ex-0.3Ey	-10.669	53.427	0.682	-0.5913	-2.2118	-16.8307	1.25	1.33	0.7	250	25.5208333	0.023169306
V_SP_4_r	G+0.3Q-Ex-0.3Ey	1.929	-17.822	0.361	0.3688	-0.7832	4.0968	1.25	1.33	0.7	250	25.5208333	0.014450939
V_SP_4_r	G+0.3Q-Ex+0.3Ey	-2.371	-26.963	0.317	0.6198	0.8937	6.617	1.25	1.33	0.7	250	25.5208333	0.024286041
V_SP_4_r	G+0.3Q+Ey+0.3Ex	-15.576	8.684	0.473	0.2885	1.9215	-4.0457	1.25	1.33	0.7	250	25.5208333	0.01130449
V_SP_4_r	G+0.3Q+Ey-0.3Ex	-11.796	-12.69	0.377	0.5765	2.3501	2.2326	1.25	1.33	0.7	250	25.5208333	0.022589388
V_SP_4_r	G+0.3Q-Ey-0.3Ex	2.536	17.78	0.525	-0.26	-3.2396	-6.168	1.25	1.33	0.7	250	25.5208333	0.010187755
V_SP_4_r	G+0.3Q-Ey+0.3Ex	-1.243	39.154	0.622	-0.548	-3.6682	-12.4463	1.25	1.33	0.7	250	25.5208333	0.021472653
V_SP_4_r	1.35G+1.5Q	-10.173	16.877	0.649	0.2169	-0.8988	-6.3656	1.25	1.33	0.7	250	25.5208333	0.008498939
V_SP_5_l	G+0.3Q+Ex+0.3Ey	-6.731	9.119	-0.219	-0.53	0.1469	26.5252	1.25	1.35	0.7	250	25.5208333	0.020767347
V_SP_5_l	G+0.3Q+Ex-0.3Ey	8.039	26.833	-0.129	-1.4347	-1.2892	35.2643	1.25	1.35	0.7	250	25.5208333	0.056216816
V_SP_5_l	G+0.3Q-Ex-0.3Ey	-39.503	-147.22	0.089	-2.7839	-1.5701	-50.9062	1.25	1.35	0.7	250	25.5208333	0.109083429
V_SP_5_l	G+0.3Q-Ex+0.3Ey	-54.273	-164.935	-0.001	-1.8792	-0.134	-59.6452	1.25	1.35	0.7	250	25.5208333	0.073633959
V_SP_5_l	G+0.3Q+Ey+0.3Ex	-40.603	-72.466	-0.248	0.0533	1.724	-13.83	1.25	1.35	0.7	250	25.5208333	0.00208849
V_SP_5_l	G+0.3Q+Ey-0.3Ex	-54.865	-124.682	-0.182	-0.3514	1.6398	-39.6811	1.25	1.35	0.7	250	25.5208333	0.013769143
V_SP_5_l	G+0.3Q-Ey-0.3Ex	-5.631	-65.635	0.118	-3.3672	-3.1472	-10.5509	1.25	1.35	0.7	250	25.5208333	0.131939265
V_SP_5_l	G+0.3Q-Ey+0.3Ex	8.632	-13.419	0.052	-2.9625	-3.063	15.3002	1.25	1.35	0.7	250	25.5208333	0.116081633
V_SP_5_l	1.35G+1.5Q	-38.18	-105.888	-0.042	-2.4849	-1.0242	-19.3959	1.25	1.35	0.7	250	25.5208333	0.09736751
V_SP_5_r	G+0.3Q+Ex+0.3Ey	-52.382	136.656	0.895	1.0076	-0.8225	-37.7435	1.25	1.35	0.7	250	25.5208333	0.039481469
V_SP_5_r	G+0.3Q+Ex-0.3Ey	-47.976	154.344	0.429	3.5978	-2.2297	-46.5899	1.25	1.35	0.7	250	25.5208333	0.14097502
V_SP_5_r	G+0.3Q-Ex-0.3Ey	21.623	-19.721	-0.202	1.7324	-0.2358	44.4297	1.25	1.35	0.7	250	25.5208333	0.067881796
V_SP_5_r	G+0.3Q-Ex+0.3Ey	17.218	-37.408	0.264	-0.8578	1.1714	53.2761	1.25	1.35	0.7	250	25.5208333	0.033611755
V_SP_5_r	G+0.3Q+Ey+0.3Ex	-33.162	55.098	1.217	-2.6671	1.5171	4.4342	1.25	1.35	0.7	250	25.5208333	0.104506776
V_SP_5_r	G+0.3Q+Ey-0.3Ex	-12.282	2.879	1.027	-3.2268	2.1153	31.7401	1.25	1.35	0.7	250	25.5208333	0.126437878
V_SP_5_r	G+0.3Q-Ey-0.3Ex	2.403	61.837	-0.524	5.4072	-2.5754	2.252	1.25	1.35	0.7	250	25.5208333	0.211873959
V_SP_5_r	G+0.3Q-Ey+0.3Ex	-18.477	114.056	-0.334	5.9668	-3.1735	-25.0539	1.25	1.35	0.7	250	25.5208333	0.233801143
V_SP_5_r	1.35G+1.5Q	-25.385	85.394	0.461	1.983	-0.7235	6.2991	1.25	1.35	0.7	250	25.5208333	0.077701224
V_SP_6_l	G+0.3Q+Ex+0.3Ey	-0.072	39.87	-0.633	1.7	1.408	20.6488	1.25	1.35	0.7	250	25.5208333	0.066612245
V_SP_6_l	G+0.3Q+Ex-0.3Ey	8.63	41.206	-0.51	2.1067	-0.1878	20.1248	1.25	1.35	0.7	250	25.5208333	0.082548245
V_SP_6_l	G+0.3Q-Ex-0.3Ey	-26.044	-63.382	-0.398	0.0202	-1.9441	-26.1323	1.25	1.35	0.7	250	25.5208333	0.00079151
V_SP_6_l	G+0.3Q-Ex+0.3Ey	-34.746	-64.718	-0.521	-0.3865	-0.3483	-25.6082	1.25	1.35	0.7	250	25.5208333	0.01514449
V_SP_6_l	G+0.3Q+Ey+0.3Ex	-22.36	1.706	-0.738	0.4953	2.655	5.0702	1.25	1.35	0.7	250	25.5208333	0.019407673
V_SP_6_l	G+0.3Q+Ey-0.3Ex	-32.762	-29.67	-0.704	-0.1306	2.1281	-8.8069	1.25	1.35	0.7	250	25.5208333	0.005117388
V_SP_6_l	G+0.3Q-Ey-0.3Ex	-3.756	-25.217	-0.293	1.2248	-3.1911	-10.5537	1.25	1.35	0.7	250	25.5208333	0.047992163
V_SP_6_l	G+0.3Q-Ey+0.3Ex	6.646	6.159	-0.327	1.8508	-2.6642	3.3235	1.25	1.35	0.7	250	25.5208333	0.072521143
V_SP_6_l	1.35G+1.5Q	-19.893	-12.491	-0.638	1.1478	-0.2783	-1.4388	1.25	1.35	0.7	250	25.5208333	0.04497502
V_SP_6_r	G+0.3Q+Ex+0.3Ey	-41.021	71.859	0.213	1.5103	1.1914	-36.8466	1.25	1.35	0.7	250	25.5208333	0.059179102
V_SP_6_r	G+0.3Q+Ex-0.3Ey	-34.52	73.173	-1.068	4.8813	0.2237	-37.8101	1.25	1.35	0.7	250	25.5208333	0.191267265
V_SP_6_r	G+0.3Q-Ex-0.3Ey	9.134	-31.417	-1.097	2.7483	-0.3891	22.9397	1.25	1.35	0.7	250	25.5208333	0.10768849
V_SP_6_r	G+0.3Q-Ex+0.3Ey	2.633	-32.731	0.183	-0.6227	0.5786	23.9031	1.25	1.35	0.7	250	25.5208333	0.024399673
V_SP_6_r	G+0.3Q+Ey+0.3Ex	-33.326	33.719	1.696	-3.1691	2.1059	-14.4602	1.25	1.35	0.7	250	25.5208333	0.12417698
V_SP_6_r	G+0.3Q+Ey-0.3Ex	-20.23	2.342	1.687									