

Gap mm	Ix Gm	Iy Gm	Jx Gm^2	Jy Gm^2	Bz_peak_av T	Bz_peak_std T	Bx_peak_av T	Bx_peak_std T	RMS(Bz) Degrees	RMS(Bx) Degrees	Ephoton eV	Y variation micrometer	X variation micrometer	X pos mm	Y pos mm
HP															
13	-0.4	0.28	0.1374	-0.4028	0.9015	0.0043	0	0	2.95	0	7.662	10.07	18.11	0	0
20	-0.26	0.26	0.3634	-0.4481	0.7917	0.0041	0	0	2.77	0	10.341	9.05	14.81	0	0
30	-0.17	0.22	0.4234	-0.3461	0.6436	0.0033	0	0	2.71	0	16.231	7.92	12.31	0	0
40	-0.1	0.2	0.4951	-0.2781	0.5129	0.0027	0	0	2.75	0	25.664	7.37	11.04	0	0
120	0	0	0.4544	-0.2220	0.0727	0.0005	0	0	2.79	0	417.918	4.37	5.95	0	0
CP-															
13	0.02	1.04	1.6457	1.3214	0.7335	0.0049	0.7317	0.0038	0	0	7.401	21.32	22.48	0	0
20	-0.04	0.86	0.8960	0.8425	0.5553	0.0037	0.5549	0.0028	0	0	11.970	13.21	17.46	0	0
30	-0.04	0.74	0.5360	0.5636	0.3886	0.0028	0.3866	0.002	0	0	23.163	8.42	13.13	0	0
40	-0.08	0.73	0.2816	0.7201	0.2754	0.0023	0.2745	0.0014	0	0	43.915	6.06	12.24	0	0
120	0.01	0.11	0.4485	0.0341	0.0209	0.0010	0.0211	0.0002	0	0	564.026	4.35	5.32	0	0
CP+															
13	-0.24	0.51	0.0641	0.1678	0.7321	0.0049	0.7335	0.0036	0	0	7.395	12.54	18.11	0	0
20	-0.04	0.57	0.9012	0.1090	0.5539	0.0039	0.5557	0.0027	0	0	11.971	14.59	14.27	0	0
30	0.03	0.6	1.2141	0.2200	0.3878	0.0031	0.3872	0.0018	0	0	23.163	14.55	12.35	0	0
40	0	0.51	1.0361	0.2367	0.2750	0.0026	0.2748	0.0012	0	0	43.932	12.26	11.04	0	0
120	-0.03	0.12	0.5176	0.1262	0.0209	0.0011	0.0211	0.0002	0	0	563.957	5.54	6.04	0	0
VP															
30	-0.03	0.38	0.9492	0.0192	0	0	0.4744	0.0021	0	4.08	30.067	14.25	14.67	0	0
Standard Deviation															
HP															
13	0	0	0.0022	0.0528	0.000	0	0	0	0	0	0	0.16	0.34	0	0
20	0	0	0.0518	0.0425	0.000	0	0	0	0.01	0	0.001	0.29	0.14	0	0
30	0	0	0.0388	0.0356	0.000	0	0	0	0.01	0	0.001	0.52	0.01	0	0
40	0	0	0.0578	0.0657	0.000	0	0	0	0.04	0	0.004	0.38	0.14	0	0
120	0	0	0.0188	0.0489	0.000	0	0	0	0.01	0	0.014	0.21	0.10	0	0
CP-															
13	0	0	0.0035	0.0209	0	0	0	0	0	0	0	0.10	0.15	0	0
20	0	0	0.0184	0.0182	0	0	0	0	0	0	0	0.22	0.35	0	0
30	0	0	0.0146	0.0081	0	0	0	0	0	0	0.001	0.14	0.16	0	0
40	0	0	0.0042	0.0106	0	0	0	0	0	0	0.001	0.08	0.19	0	0
120	0	0	0.0147	0.0052	0	0	0	0	0	0	0.005	0.13	0.03	0	0
CP+															
13	0	0	0.0446	0.0407	0	0	0	0	0	0	0	0.07	0.22	0	0
20	0	0	0.0190	0.0298	0	0	0	0	0	0	0	0.19	0.01	0	0
30	0	0	0.0212	0.0410	0	0	0	0	0	0	0	0.28	0.44	0	0
40	0	0	0.0375	0.0056	0	0	0	0	0	0	0.003	0.32	0.04	0	0
120	0	0	0.0199	0.0956	0	0	0	0	0	0	0.032	0.23	0.53	0	0
VP															
30	0	0	0.0640	0.0023	0	0	0	0	0	0.007071	0	0.31819805	0.07	0	0