```
Lattice:
/nfs/cesr/mnt/lattice/cesr/bmad/cta_2085mev_20081107.lat

I_beam    =  0.100000000000000       ! Amps/beam
Input eps_y =  9.999999999999999E-006  ! mm-mrad
Positron eps_x =  2.597190540158134E-003  ! mm-mrad
Positron eps_y =  1.191132807279436E-033  ! mm-mrad
Positron sig_z =  9.191699477908731E-003  ! m
Positron sigE/E =  8.126504096043148E-002  ! %
Electron eps_x =  0.000000000000000E+000  ! mm-mrad
Electron eps_y =  0.000000000000000E+000  ! mm-mrad
Electron sig_z =  0.000000000000000E+000  ! m
Electron sigE/E =  0.000000000000000E+000  ! %
```

Attribute values are G (bends), k1 (quads), k2 (sextupoles), ks (solenoids), B_max (wigglers)

Segment Nr	S_seg (m)	L_seg (m)	X_seg (m)	P/len (W/m)	P/Area (W/mm^2)	P_tot (W)	Phot/sec (1/s)	A Beta (m)	B Beta (m)	A Eta (m)	Ele Type at s_mid	Attribute Value	Element Name	Source Ele Type	Primary Source	S_source (m)	Nr Sources
1665	16.1152	0.0095	2.195E-01	0.000E+00	0.0000E+00	0.0000E+00	0.0000E+00	4.777	33.107	0.217	SBEND	3.1591E-02	B04W	----------	----------------	0.0000	0
1666	16.1154	0.0095	2.101E-01	6.075E+03	1.2150E+00	5.7571E+01	2.1760E+17	4.777	33.104	0.217	SBEND	3.1591E-02	B04W	WIGGLER	WIG2_02W	6.4226	9
1667	16.1156	0.0095	2.006E-01	1.731E+04	2.2262E+00	1.6402E+02	6.2765E+17	4.778	33.102	0.217	SBEND	3.1591E-02	B04W	WIGGLER	WIG2_02W	6.1942	46
1668	16.1158	0.0095	1.911E-01	1.690E+04	2.1497E+00	1.6015E+02	6.1441E+17	4.778	33.100	0.217	SBEND	3.1591E-02	B04W	WIGGLER	WIG2_02W	6.4130	38
1669	16.1161	0.0095	1.816E-01	1.577E+04	1.9799E+00	1.4948E+02	5.8103E+17	4.779	33.098	0.217	SBEND	3.1591E-02	B04W	WIGGLER	WIG2_02W	5.6101	217
1670	16.1163	0.0095	1.722E-01	1.549E+04	1.9415E+00	1.4680E+02	7.8971E+17	4.779	33.096	0.217	SBEND	3.1591E-02	B04W	WIGGLER	WIG2_02W	6.4059	238
1671	16.1165	0.0095	1.627E-01	1.627E+04	2.0374E+00	1.5418E+02	7.8987E+17	4.779	33.093	0.217	SBEND	3.1591E-02	B04W	WIGGLER	WIG2_02W	6.4023	69
1672	16.1167	0.0095	1.532E-01	1.869E+04	2.2429E+00	1.7712E+02	8.6212E+17	4.780	33.091	0.217	SBEND	3.1591E-02	B04W	WIGGLER	WIG2_02W	6.2116	76
1673	16.1169	0.0095	1.437E-01	1.892E+04	2.2685E+00	1.7931E+02	8.6349E+17	4.780	33.089	0.217	SBEND	3.1591E-02	B04W	WIGGLER	WIG2_02W	6.3951	74
1674	16.1171	0.0095	1.343E-01	1.900E+04	2.2739E+00	1.8001E+02	8.6472E+17	4.781	33.087	0.217	SBEND	3.1591E-02	B04W	WIGGLER	WIG2_02W	6.2186	69
1675	16.1173	0.0095	1.248E-01	1.896E+04	2.2630E+00	1.7962E+02	8.6629E+17	4.781	33.085	0.217	SBEND	3.1591E-02	B04W	WIGGLER	WIG2_02W	6.3879	61
1676	16.1175	0.0095	1.153E-01	1.829E+04	2.1963E+00	1.7328E+02	8.4918E+17	4.782	33.082	0.217	SBEND	3.1591E-02	B04W	WIGGLER	WIG2_02W	6.2257	68
1677	16.1177	0.0095	1.058E-01	1.448E+04	1.8752E+00	1.3722E+02	7.0427E+17	4.782	33.080	0.217	SBEND	3.1591E-02	B04W	WIGGLER	WIG2_02W	6.3807	60
1678	16.1179	0.0095	9.637E-02	1.103E+04	1.5289E+00	1.0450E+02	5.8236E+17	4.783	33.078	0.217	SBEND	3.1591E-02	B04W	WIGGLER	WIG1_02W	4.6536	47
1679	16.1182	0.0095	8.689E-02	8.826E+03	1.2504E+00	8.3634E+01	4.7587E+17	4.783	33.076	0.217	SBEND	3.1591E-02	B04W	WIGGLER	WIG2_02W	6.3733	36
1680	16.1184	0.0095	7.742E-02	6.031E+03	9.0574E-01	5.7151E+01	3.4136E+17	4.783	33.074	0.217	SBEND	3.1591E-02	B04W	WIGGLER	WIG2_02W	5.9705	27
1681	16.1186	0.0095	6.795E-02	5.379E+03	8.1978E-01	5.0971E+01	2.8273E+17	4.784	33.071	0.217	SBEND	3.1591E-02	B04W	WIGGLER	WIG2_02W	6.3658	18
1682	16.1188	0.0095	5.847E-02	3.796E+03	6.0900E-01	3.5966E+01	2.0468E+17	4.784	33.069	0.217	SBEND	3.1591E-02	B04W	WIGGLER	WIG2_02W	6.3620	13
1683	16.1190	0.0095	4.900E-02	1.845E+03	3.2693E-01	1.7486E+01	1.3965E+17	4.785	33.067	0.217	SBEND	3.1591E-02	B04W	WIGGLER	WIG2_02W	6.2513	8
1684	16.1270	0.0082	4.700E-02	2.466E+01	1.1743E-02	2.0339E-01	1.8028E+16	4.794	33.024	0.218	SBEND	3.1591E-02	B04W	SBEND	B03AW	12.7058	1
1685	16.1350	0.0082	4.500E-02	2.500E+01	1.2084E-02	2.0614E-01	1.8272E+16	4.811	32.941	0.218	SBEND	3.1591E-02	B04W	SBEND	B03AW	12.7651	2
1686	16.1430	0.0082	4.300E-02	2.534E+01	1.2438E-02	2.0899E-01	1.8525E+16	4.828	32.858	0.219	SBEND	3.1591E-02	B04W	SBEND	B03AW	12.8251	2
1687	16.1490	0.0063	4.100E-02	3.254E+01	1.6258E-02	2.0581E-01	1.8243E+16	4.844	32.786	0.220	SBEND	3.1591E-02	B04W	SBEND	B03AW	12.8853	2
1688	16.1590	0.0100	4.100E-02	3.345E+00	1.6782E-03	3.3421E-02	2.9624E+15	4.861	32.703	0.220	SBEND	3.1591E-02	B04W	SBEND	B03AW	12.9197	1
1689	16.1690	0.0100	4.099E-02	3.364E+00	1.6885E-03	3.3610E-02	2.9792E+15	4.883	32.600	0.221	SBEND	3.1591E-02	B04W	SBEND	B03AW	12.9294	1
1690	16.1790	0.0100	4.099E-02	3.383E+00	1.6988E-03	3.3799E-02	2.9960E+15	4.905	32.497	0.222	SBEND	3.1591E-02	B04W	SBEND	B03AW	12.9392	1