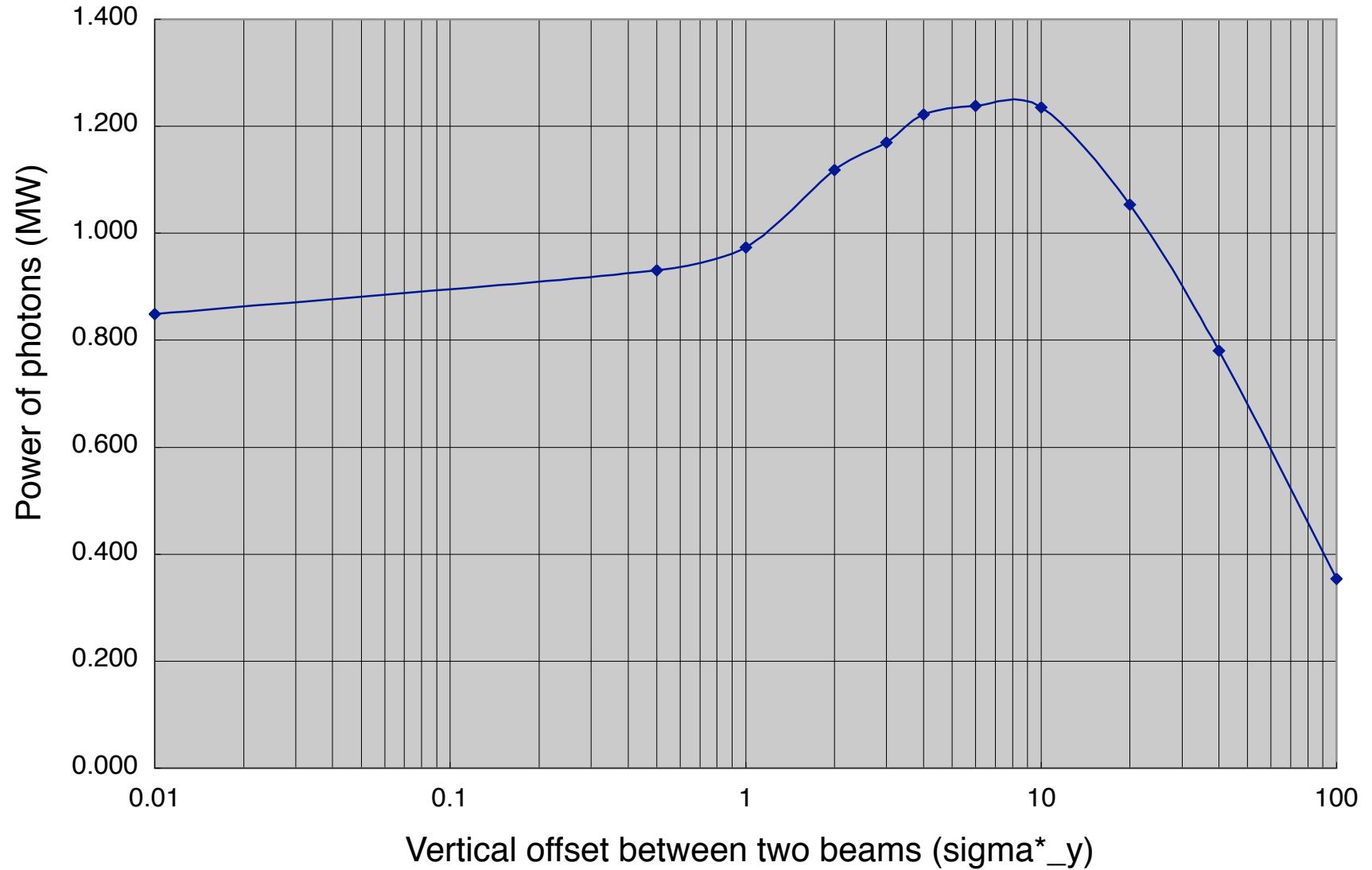


Beamstrahlung Monitor at Ebeam=500GeV



Beam energy	freq.	no. of bunches	intensity	beam power	offset	luminosity	beamstrahlung			energy loss
GeV	Hz	/pulse	/bunch	MW	$\pm n\sigma_y$	/cm ² /s	photons/bunch	energy (GeV)	power(MW)	%
500	100	192	7.50E+09	11.52	0.01	2.43E+34	9.75.E+09	28.35	0.849	7.37
500	100	192	7.50E+09	11.52	0.5	2.17E+34	1.03.E+10	29.35	0.930	8.08
500	100	192	7.50E+09	11.52	1	1.75E+34	1.08.E+10	29.45	0.973	8.45
500	100	192	7.50E+09	11.52	2	1.14E+34	1.16.E+10	31.45	1.118	9.71
500	100	192	7.50E+09	11.52	3	7.8E+33	1.20.E+10	31.65	1.170	10.16
500	100	192	7.50E+09	11.52	4	5.4E+33	1.22.E+10	32.55	1.222	10.61
500	100	192	7.50E+09	11.52	6	2.04E+33	1.24.E+10	32.4	1.238	10.75
500	100	192	7.50E+09	11.52	10	1.04E+32	1.25.E+10	32.14	1.235	10.72
500	100	192	7.50E+09	11.52	20	7.52.E+27	1.13.E+10	30.49	1.054	9.15
500	100	192	7.50E+09	11.52	40	0.00E+00	9.18.E+09	27.65	0.780	6.77
500	100	192	7.50E+09	11.52	100	0.00E+00	5.74.E+09	20.065	0.354	3.07