

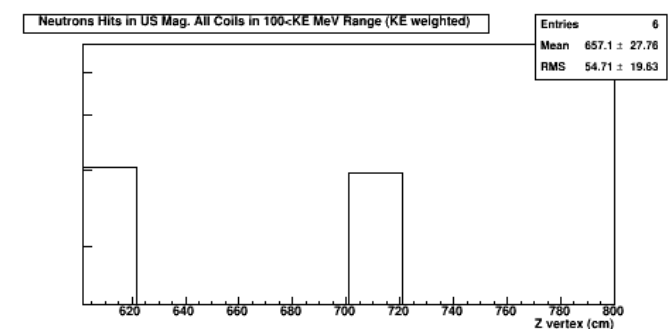
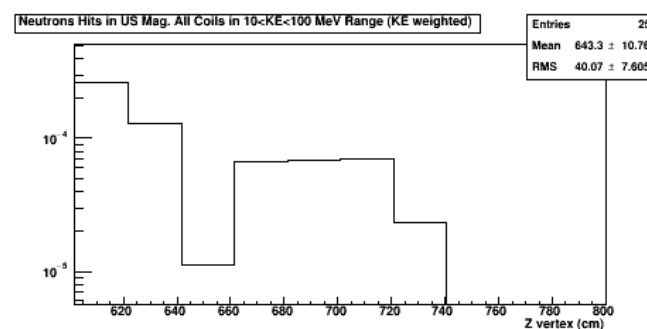
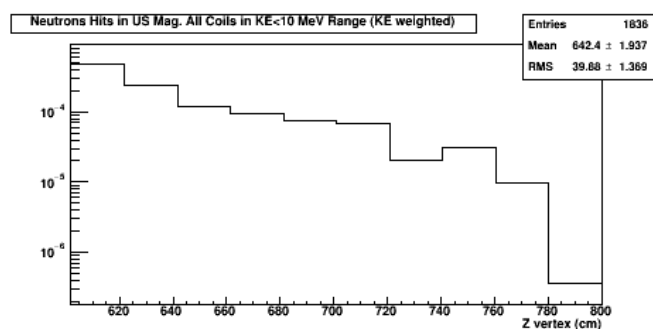
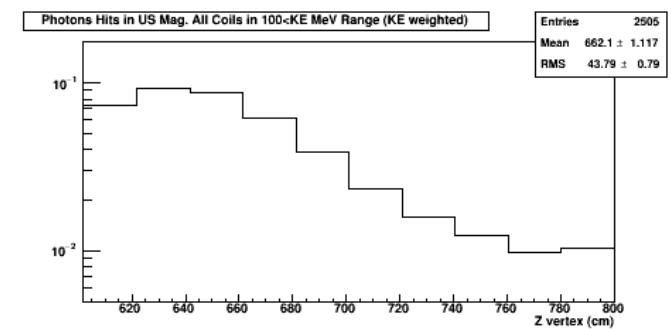
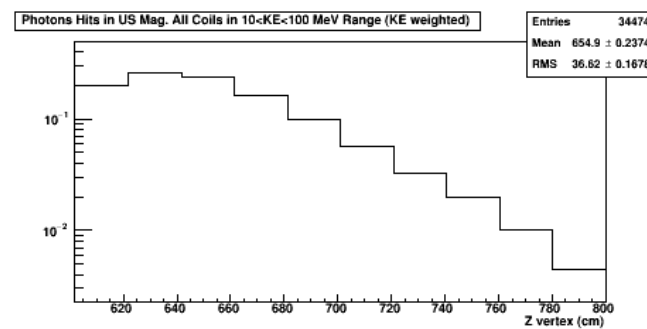
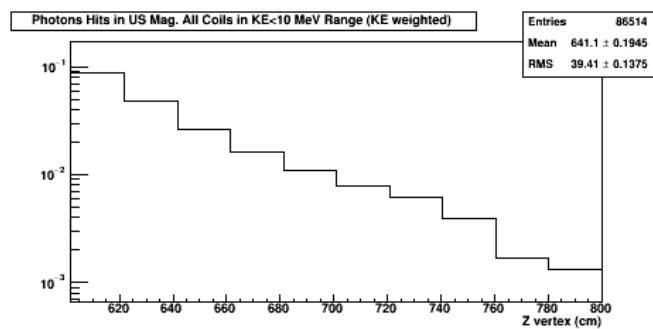
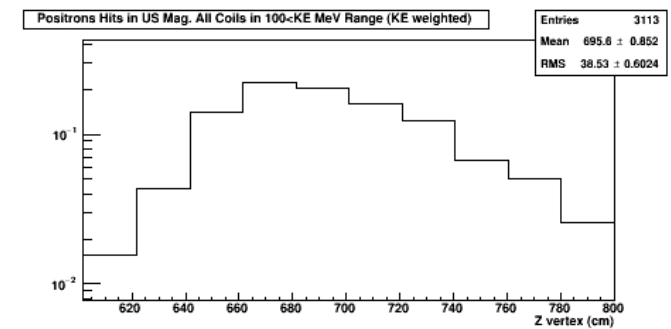
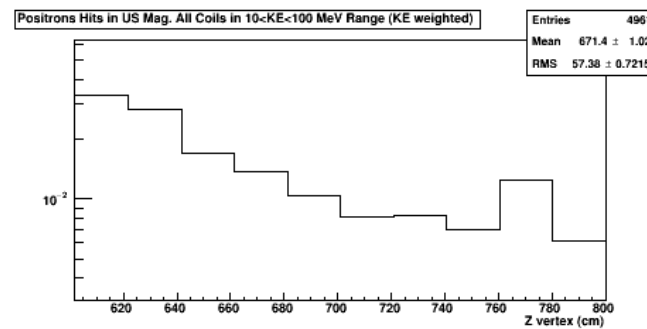
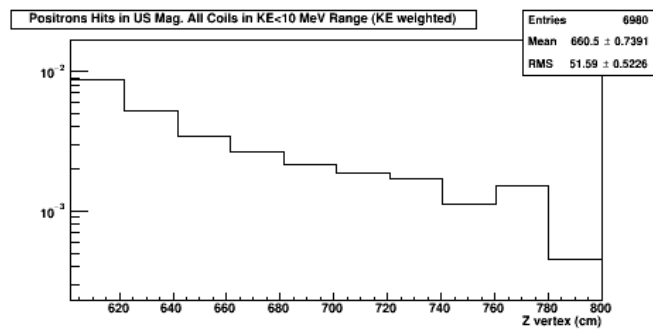
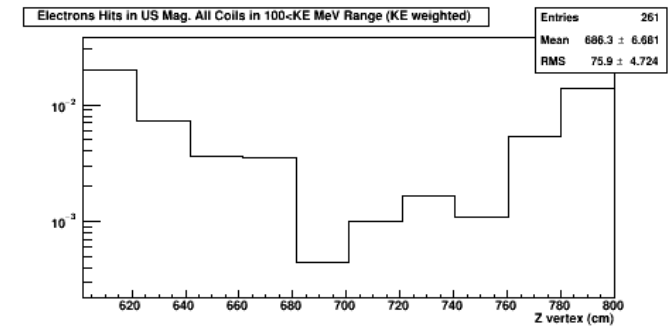
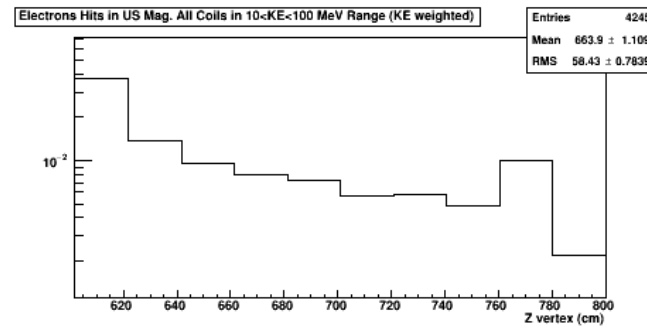
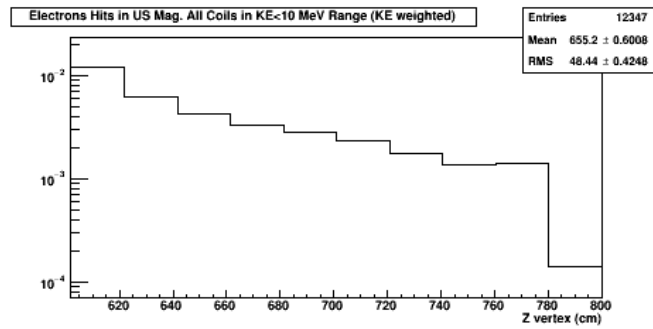
# Power Deposit in Coils

Rakitha Beminiwattha

# Total Power Deposit in Coils

Type	E Rnge (MeV)	US Magnet		DS Magnet	
		Total Power (W/uA)	Total Flux (per uA)	Total Power (W/uA)	Total Flux (per uA)
electrons	E<10	0.037	7.71E+10	0.006	1.20E+10
electrons	0<E<100	0.107	2.65E+10	0.030	6.20E+09
electrons	100<E	0.058	1.63E+09	0.056	1.19E+09
Positrons	E<10	0.030	4.36E+10	0.005	7.40E+09
Positrons	0<E<100	0.147	3.10E+10	0.043	7.85E+09
Positrons	100<E	1.048	1.94E+10	0.133	2.92E+09
Photons	E<10	0.219	5.40E+11	0.046	1.03E+11
Photons	0<E<100	1.087	2.15E+11	0.184	3.89E+10
Photons	100<E	0.425	1.56E+10	0.123	3.57E+09
Neutrons	E<10	0.001	1.15E+10	0.000	9.99E+08
Neutrons	0<E<100	0.001	1.56E+08	0.000	4.99E+07
Neutrons	100<E	0.001	3.75E+07	0.002	3.12E+07
Total	E<10	0.215	5.32E+11	0.044	9.98E+10
Total	0<E<100	1.216	2.28E+11	0.224	4.31E+10
Total	100<E	1.733	4.25E+10	0.361	8.40E+09

# Power Deposit in US Coils by Vertex



# Power Deposit in DS Coils by Vertex

