

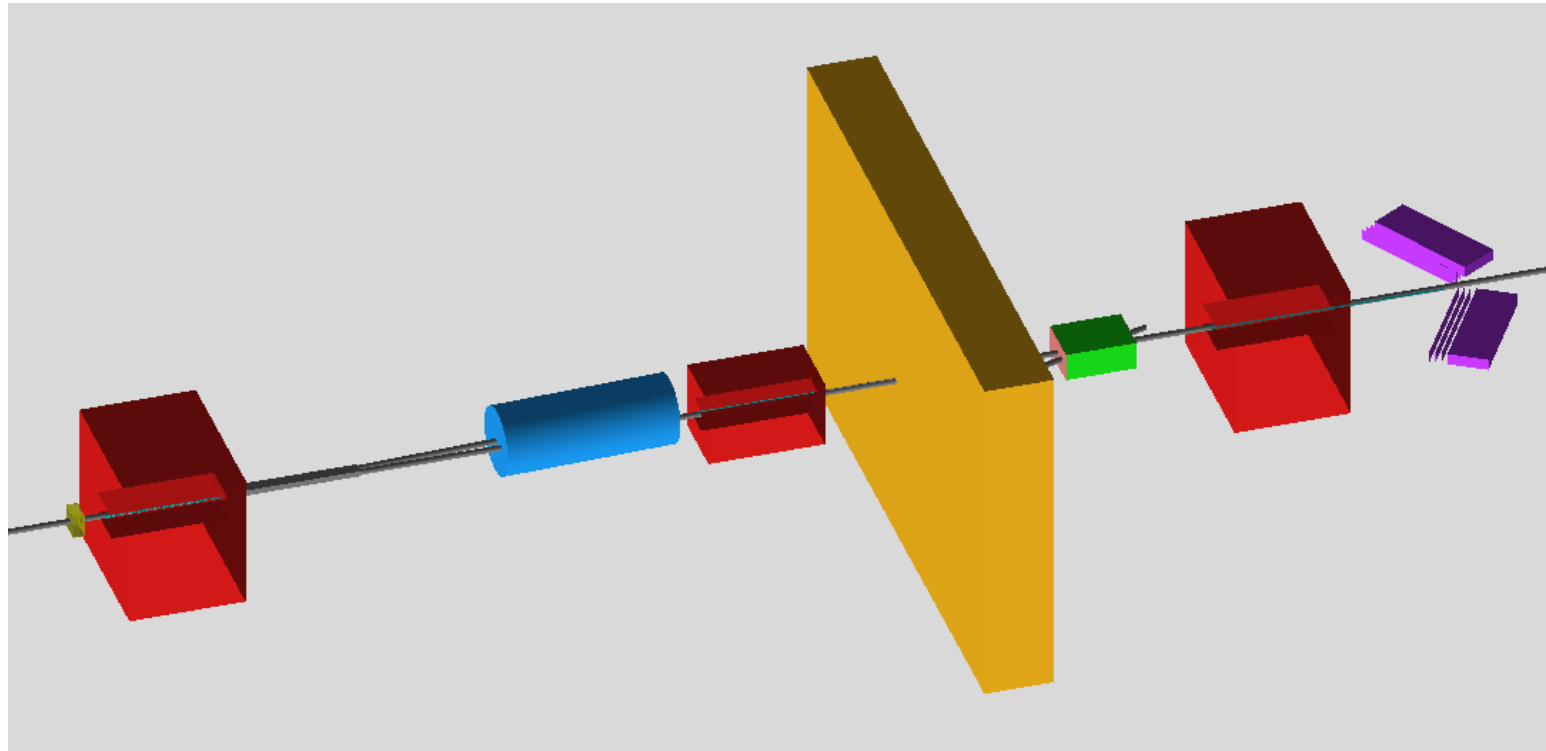
Magnet after beam dump

Magnet:

- Length: 1 m;
- Drift: 0.7 m;

Distance

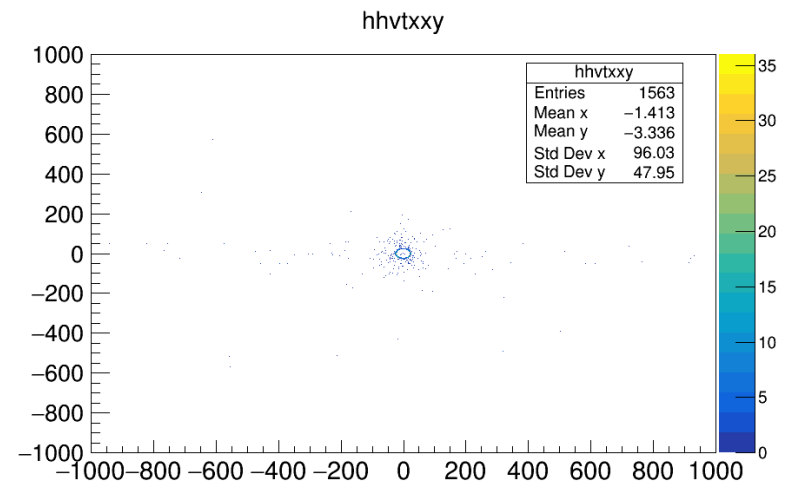
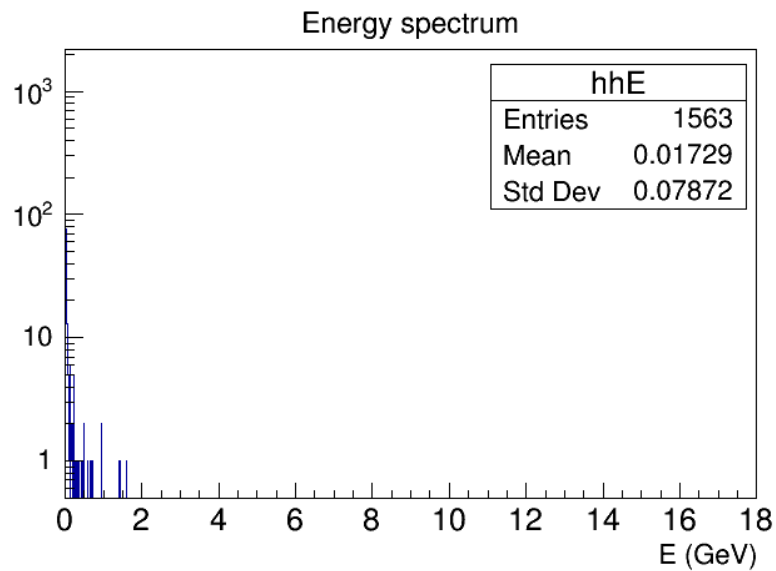
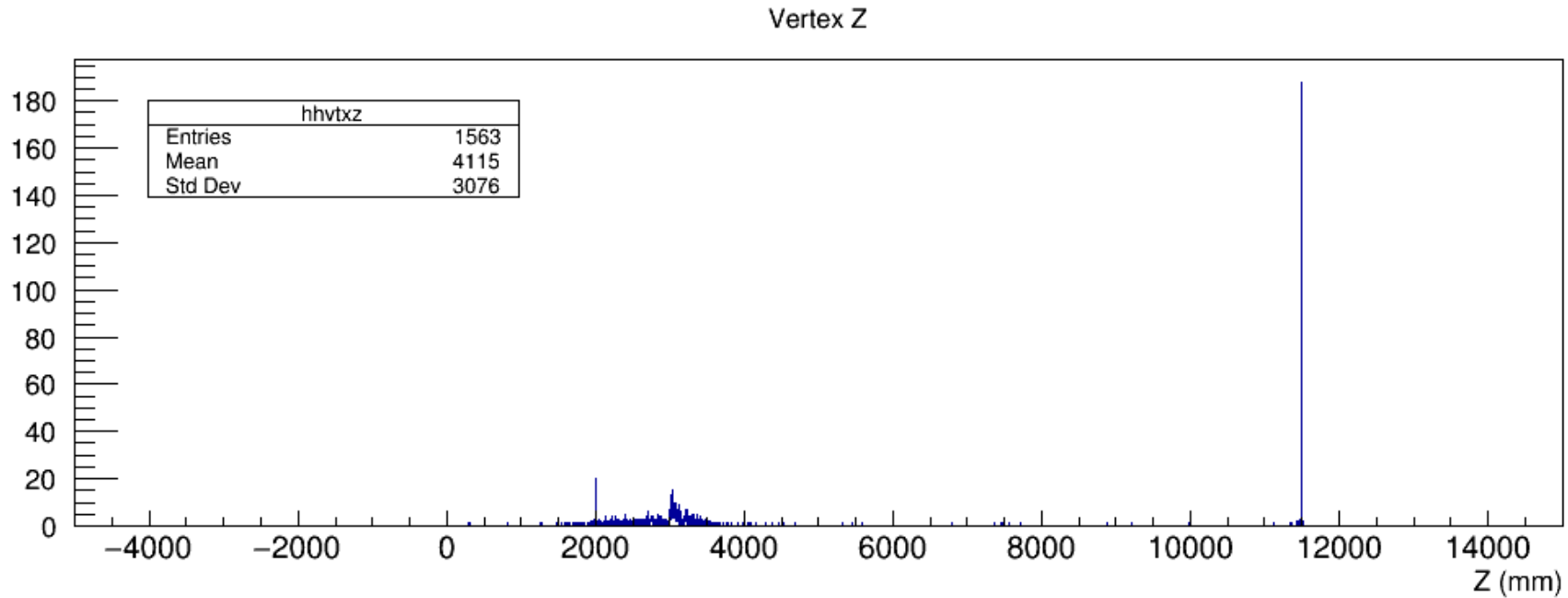
Target – IP: 9 m.



E (GeV)	Magnet (T)	R (m)	Magnet length (m)	Drift (m)	X (cm)
17.5	15	3.9	0.3	0.35	3.86
17.5	2	29.2	1	0.6	3.77
17.5	1.4	41.7	1	0.7	2.88
8	1.4	19.06	1	0.7	6.3

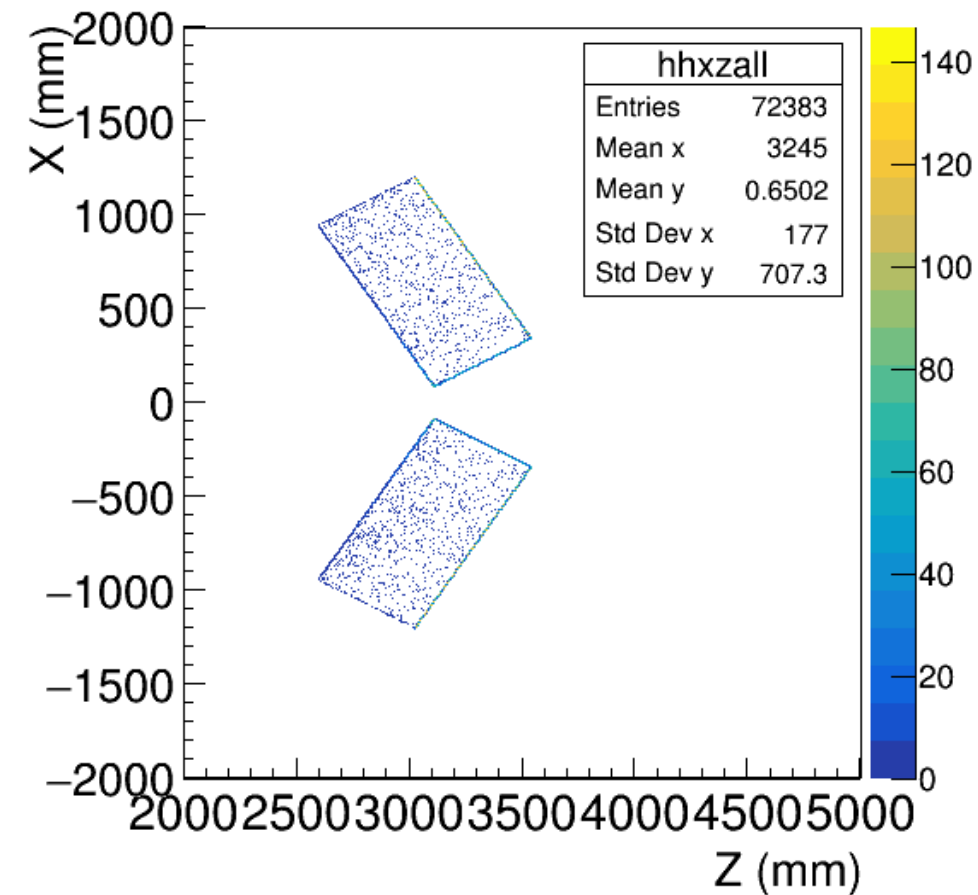
Background with magnet between dump and shielding

$\sim 10^9$ e $^-$



Background with magnet between dump and shielding

Hits xz distribution all



Hits xz distribution e-,e+

