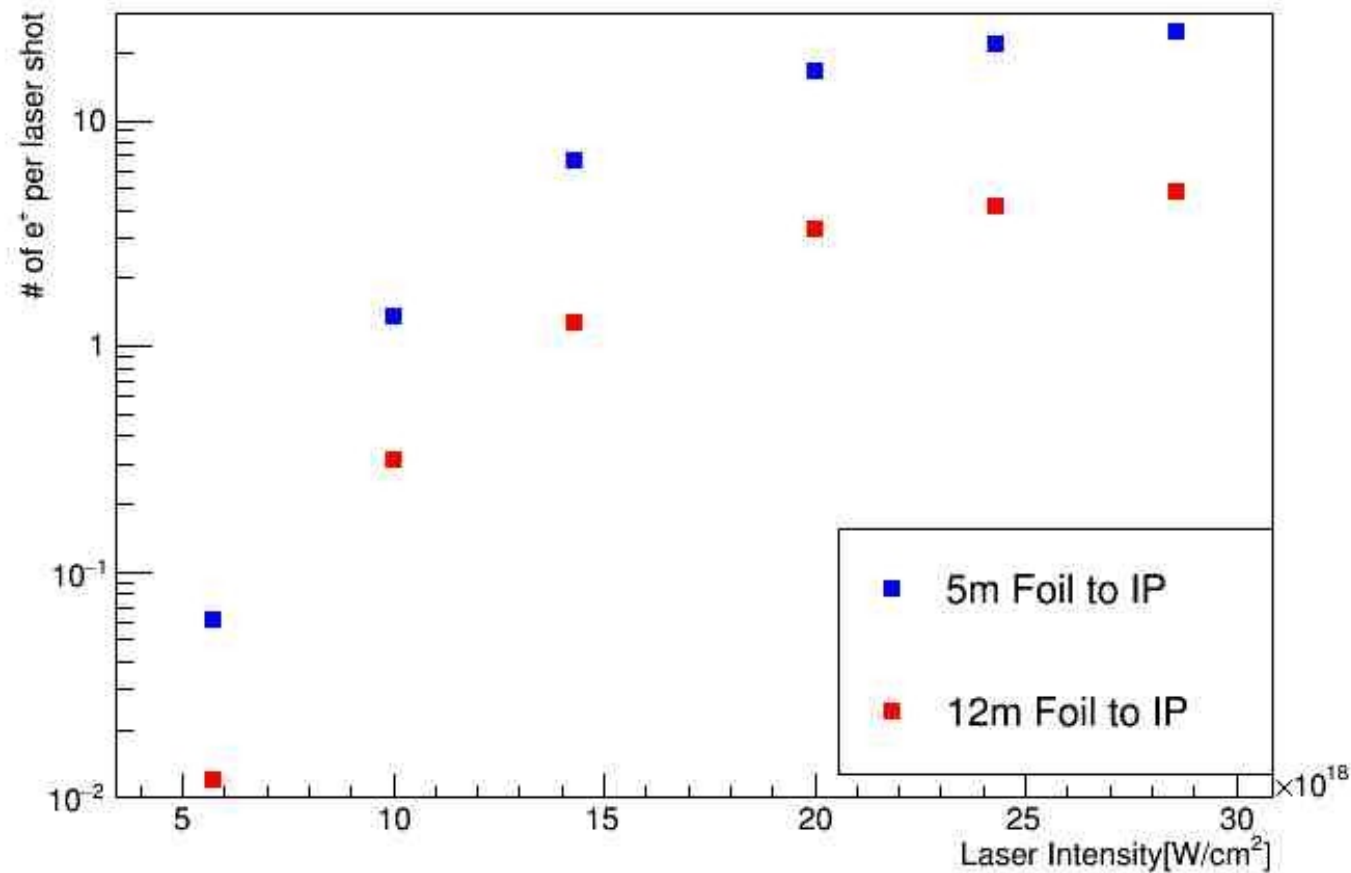


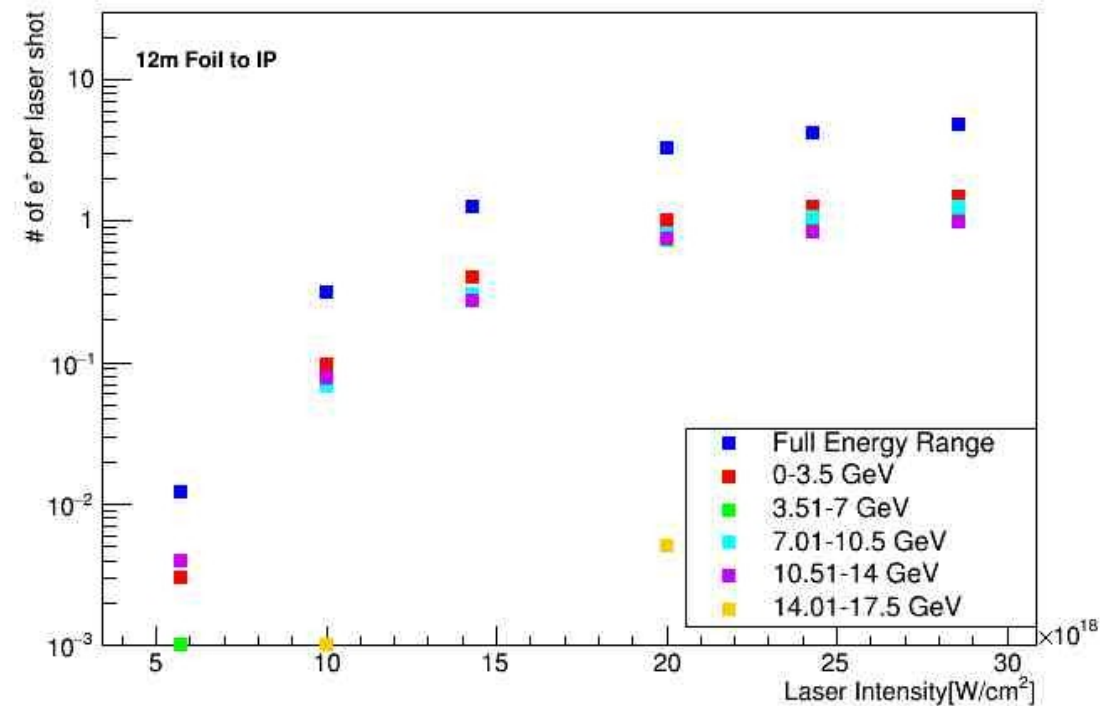
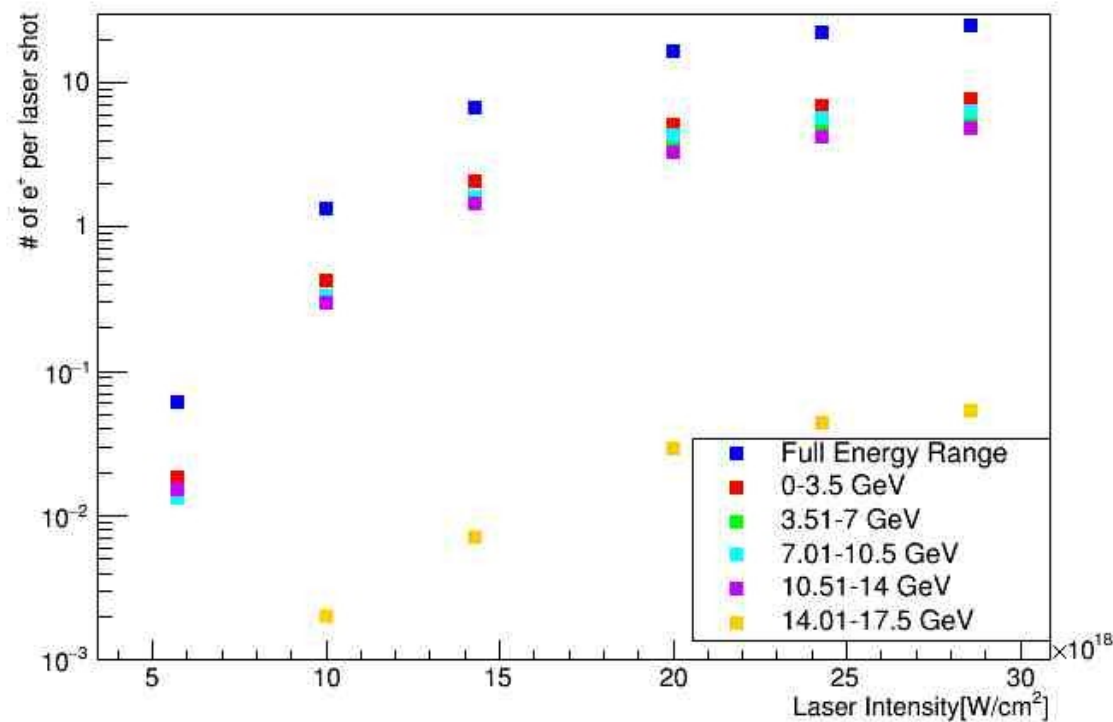
LUXE weekly 11.03.

Marius Hoffmann

Latest positron/Intensity



Latest positron/Intensity

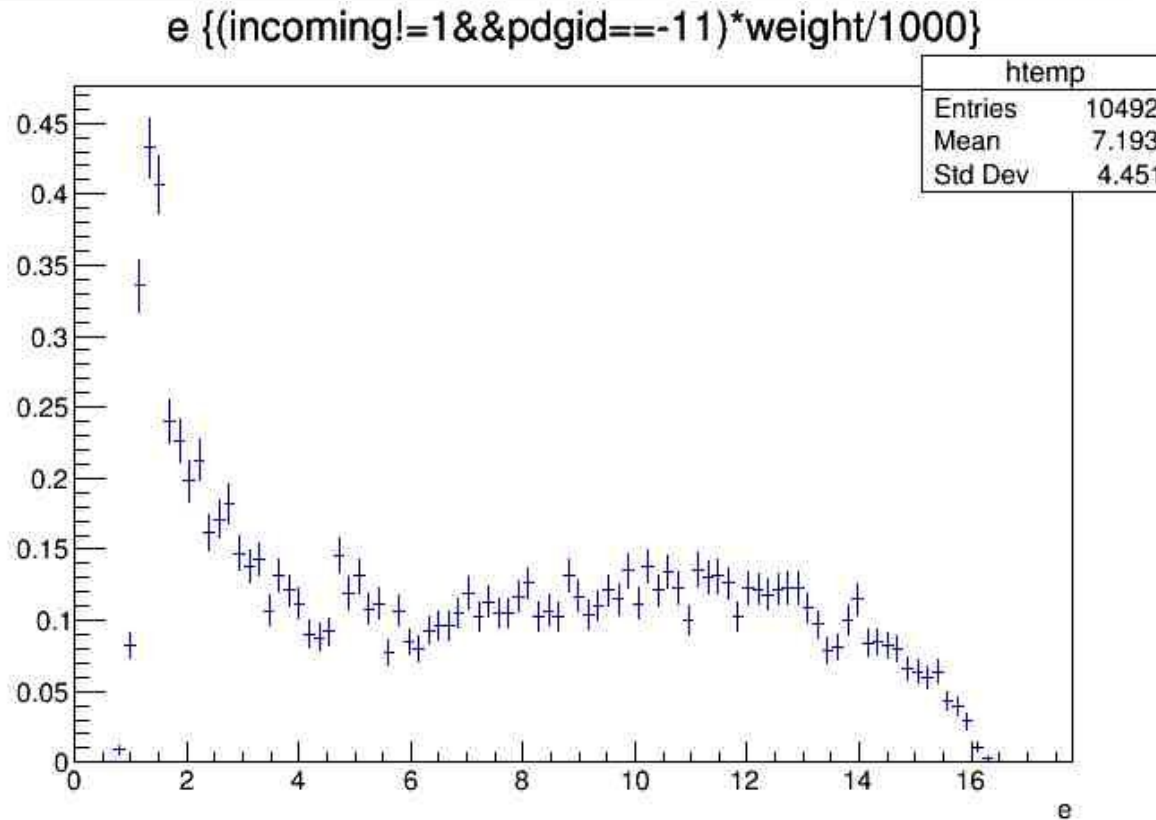


Total Positron Number

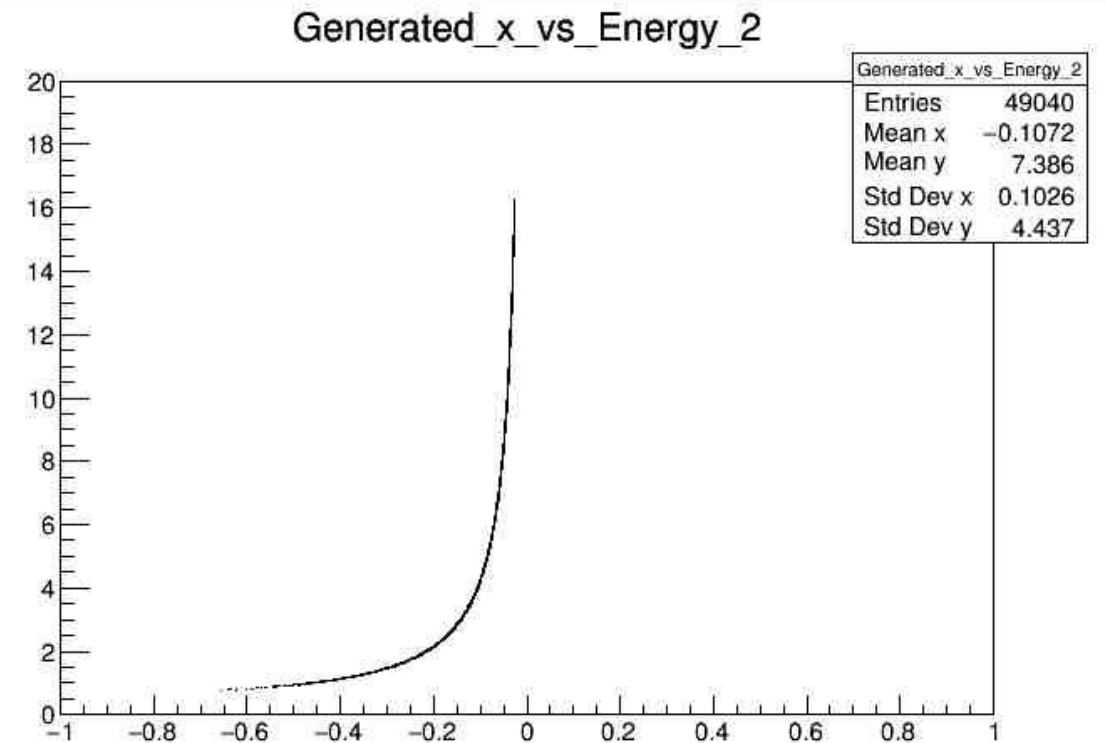
- A) Total Number of Positrons after Production
- B) Aperture of Magnet ($E > 1$ GeV)
- C) # of Positrons in 1mx15cm Detector
- D) # of Bins with Positrons (Occupancy) ->missing

Beamenergie	A	B	C
0,2	0,0061	0,0061	0,0061
0,35	1,335	1,335	1,335
0,5	6,554	6,554	6,554
0,7	16,392	16,392	16,392
0,85	21,77	21,77	21,77
1	24,52	24,52	24,52

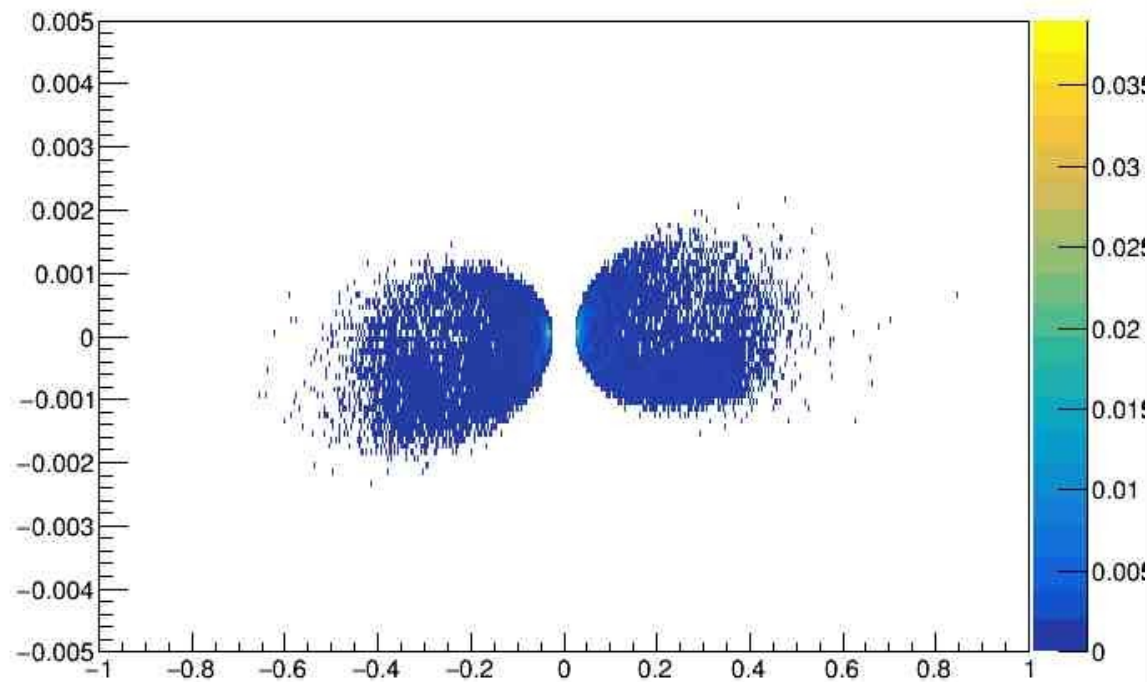
Validation: Energy Spectrum



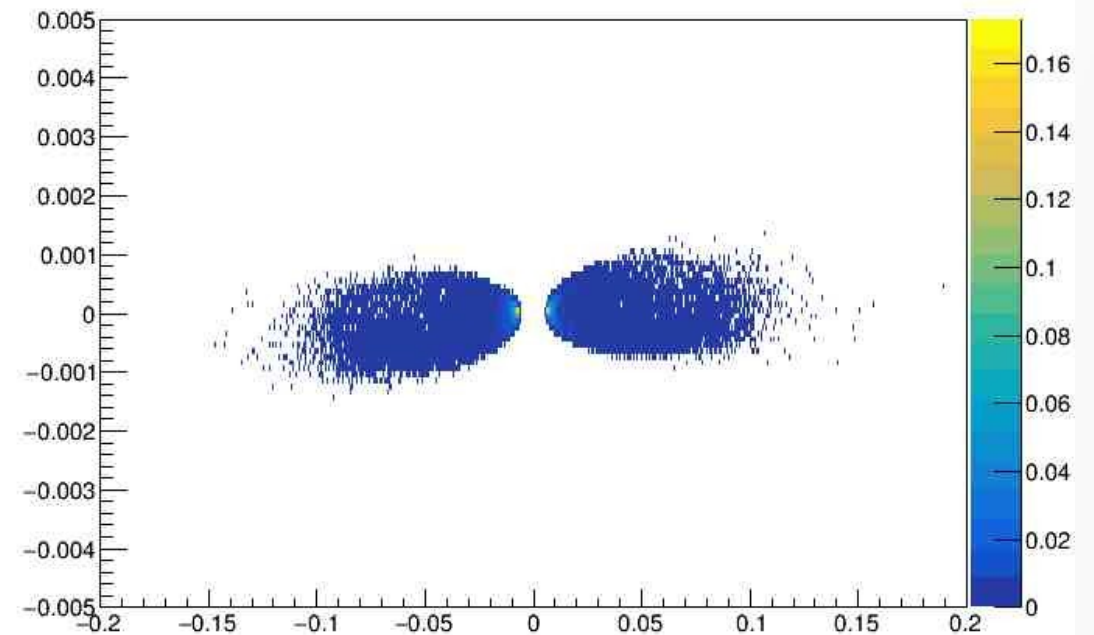
Energy spectrum



Validation: Distribution



5m behind magnet



At magnet
(aperture position)