

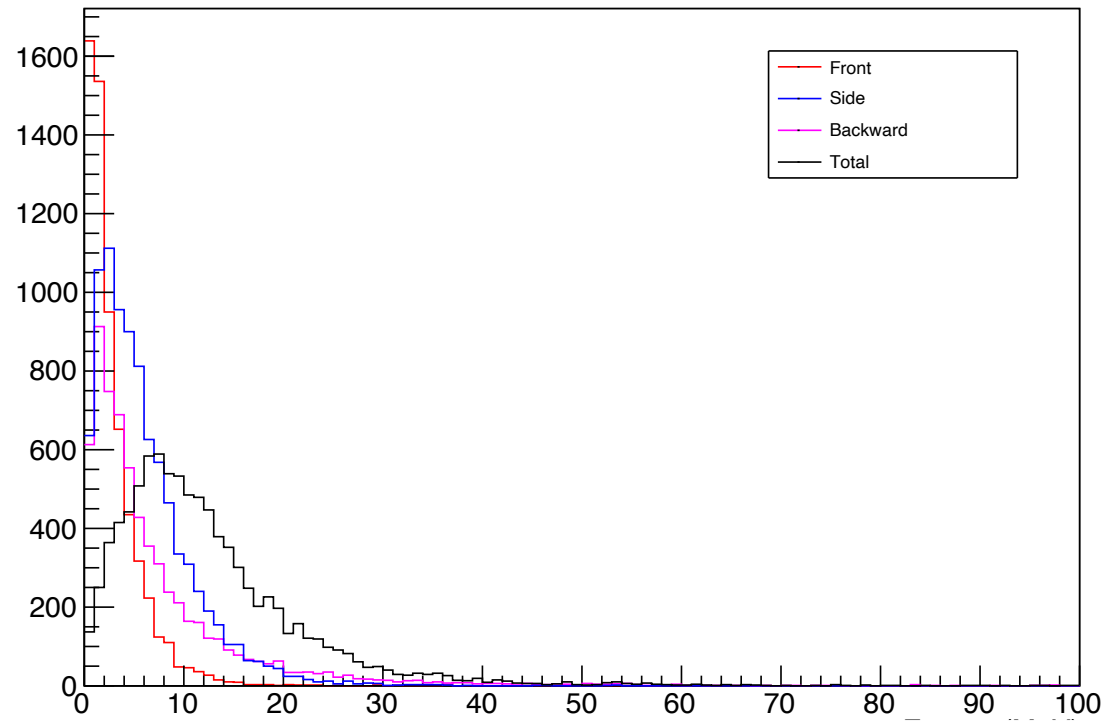
K-Koto Meeting

2021/01/26

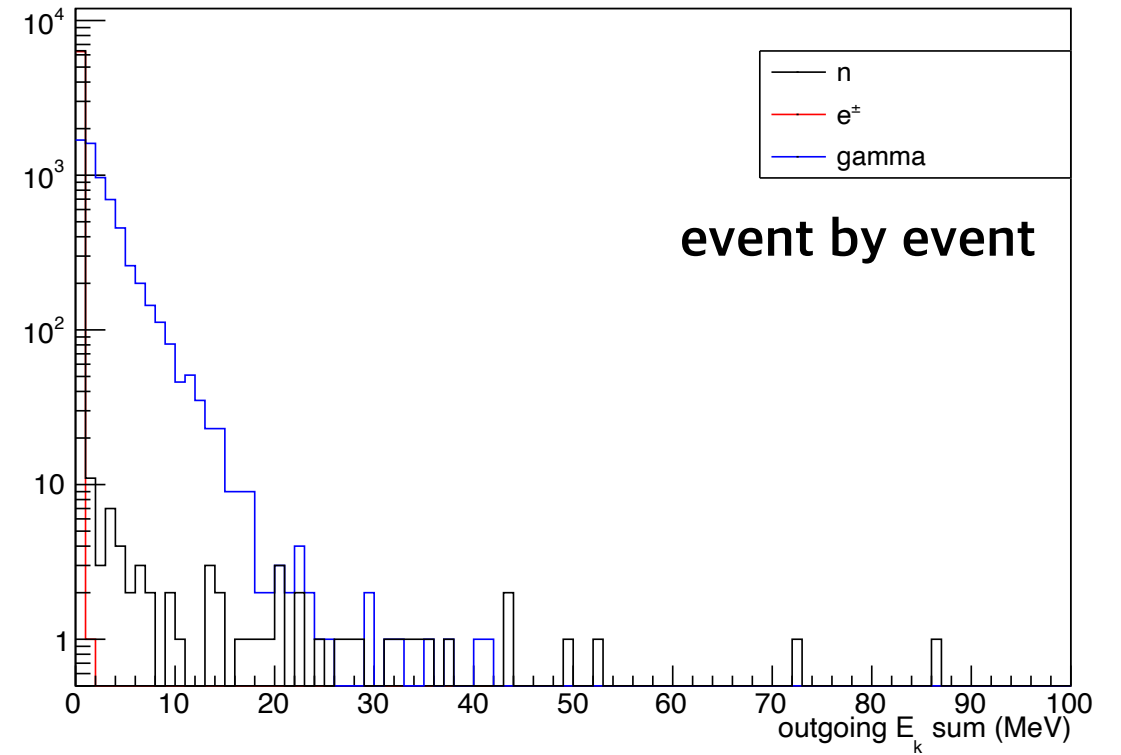
YoungJun Kim

E_k of backsplash particles

FTFP_BERT

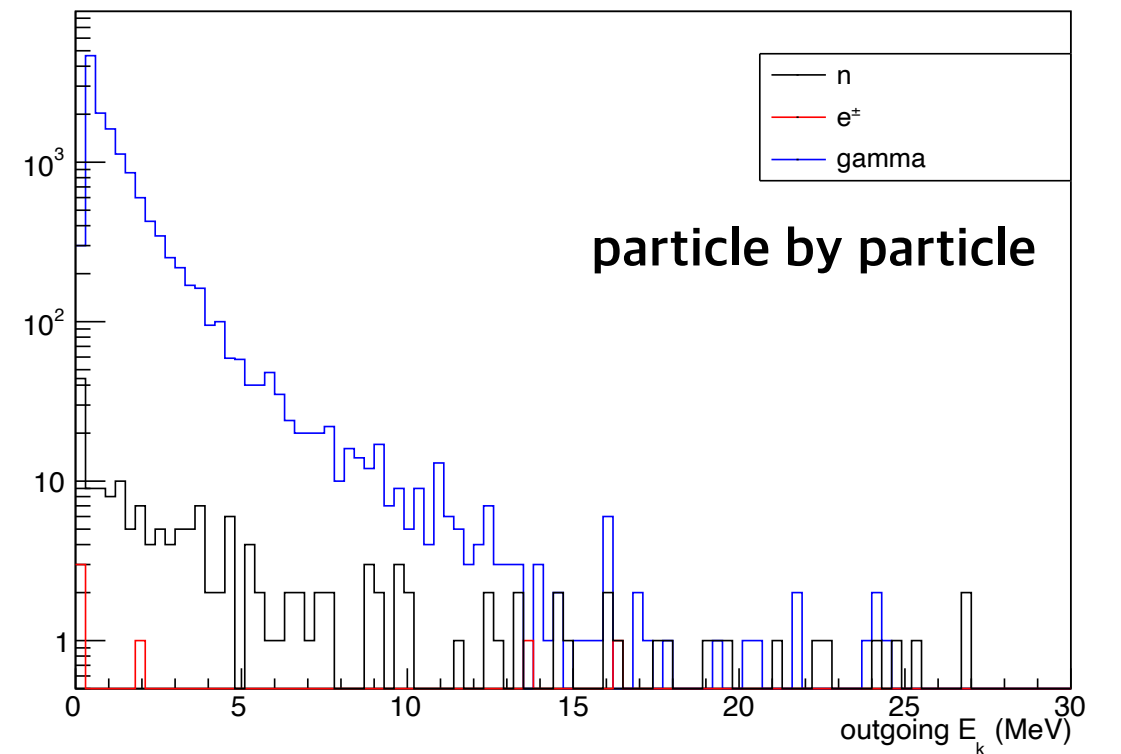
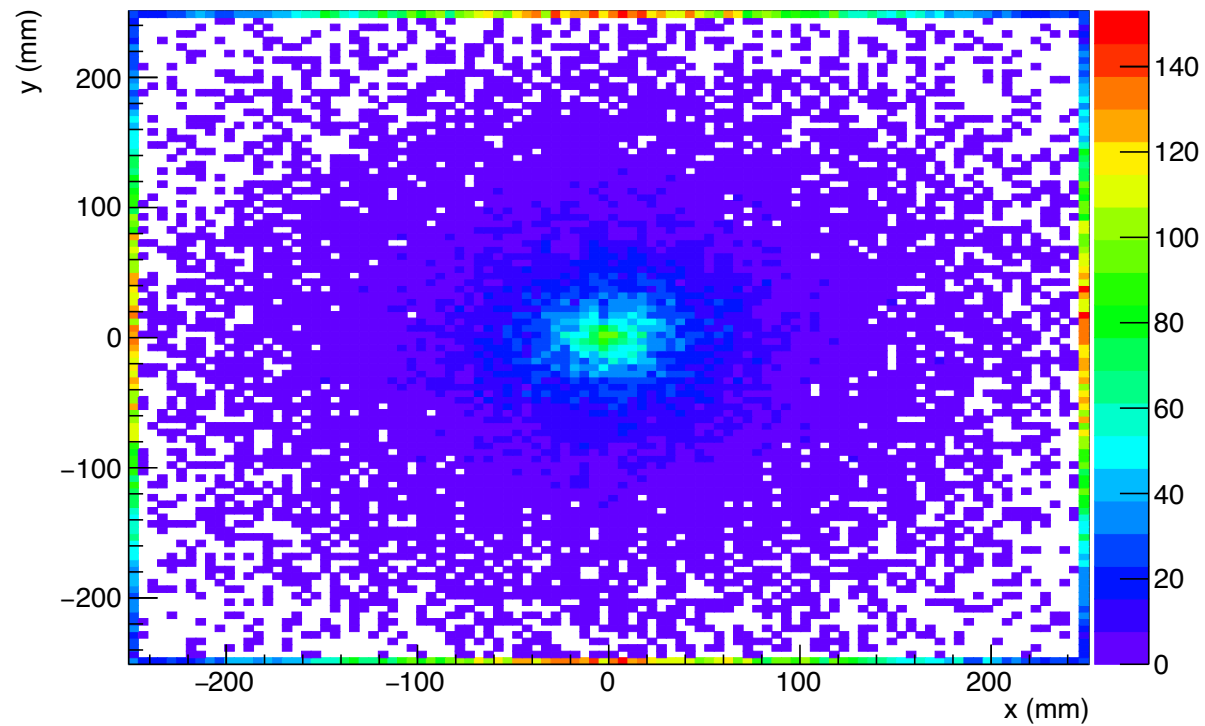


Backsplashed kinetic energy



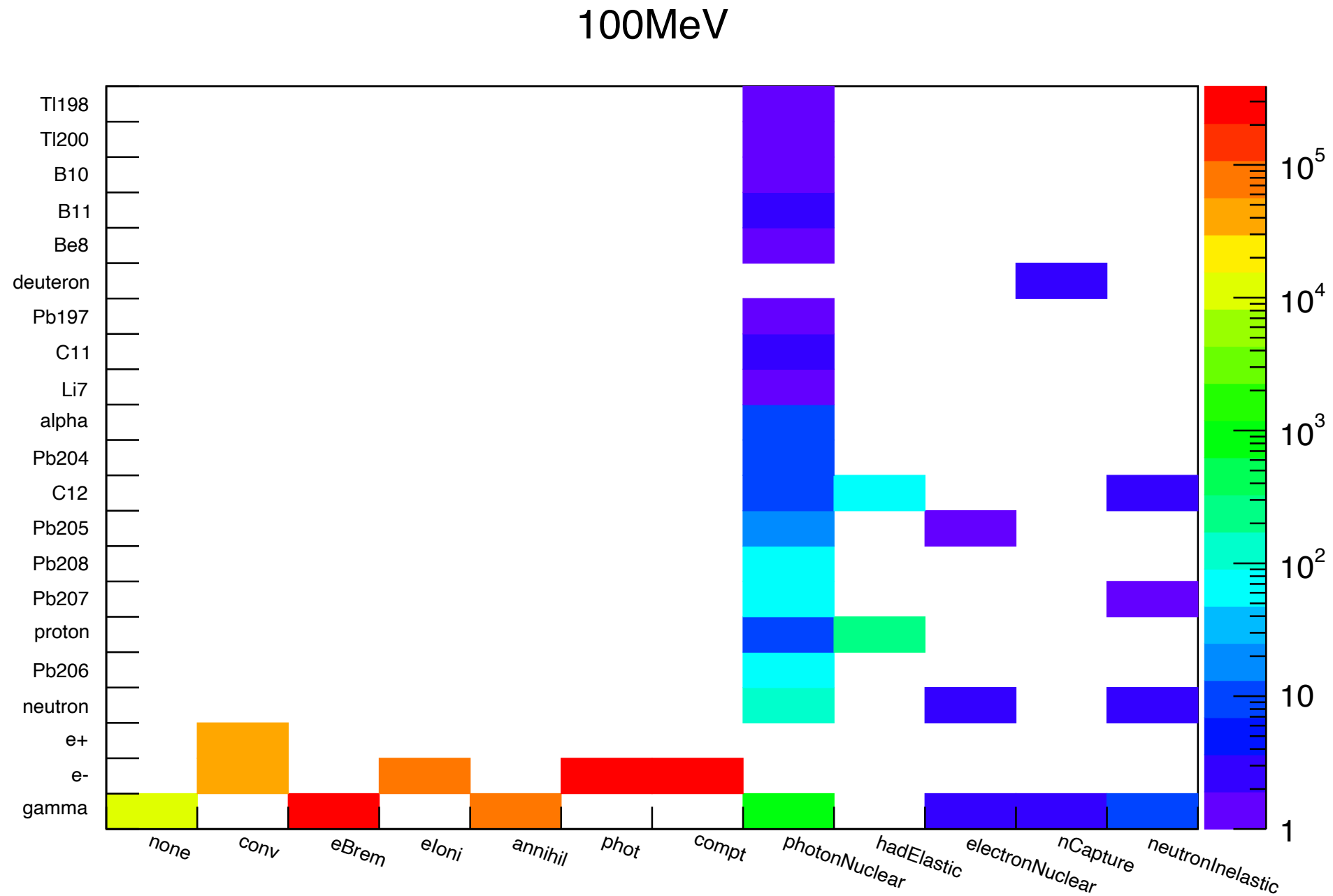
event by event

Backsplashed kinetic energy



particle by particle

Creation processes (energy dependency)



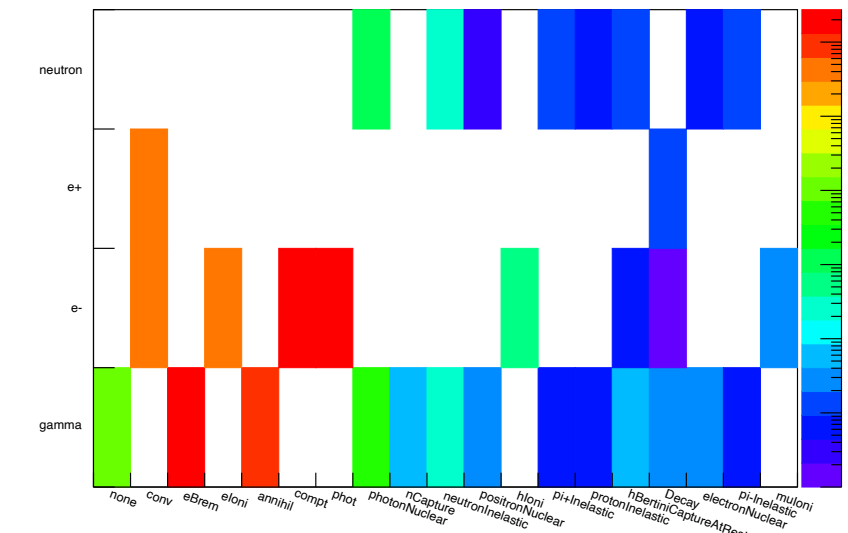
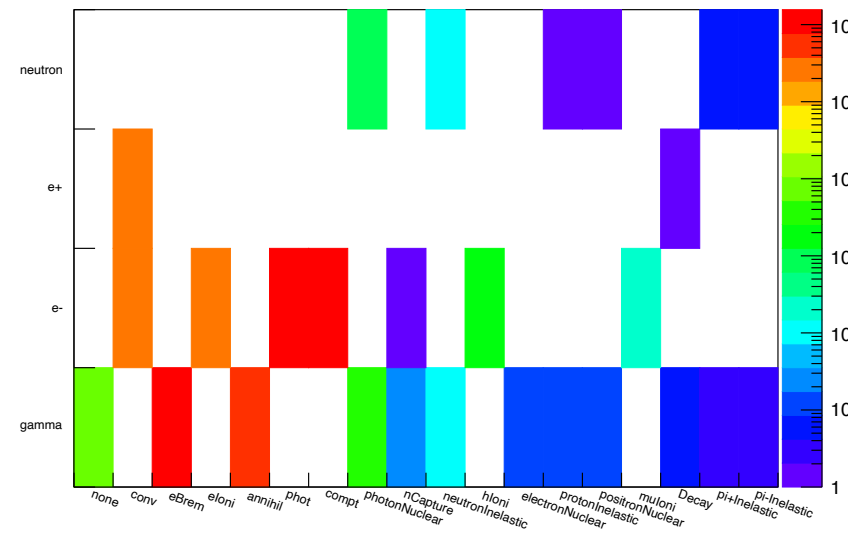
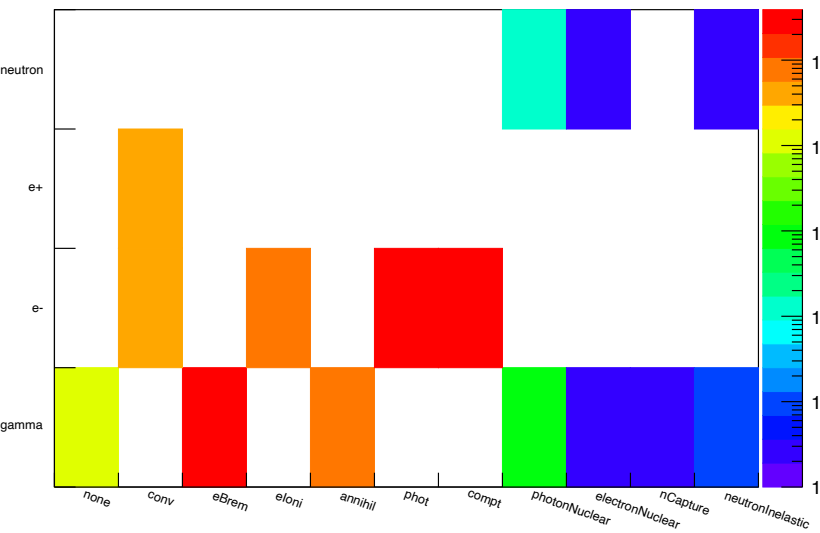
Too many nuclei ! Let's see only n, e ,gamma

Particle vs. Creation process

100MeV

400MeV

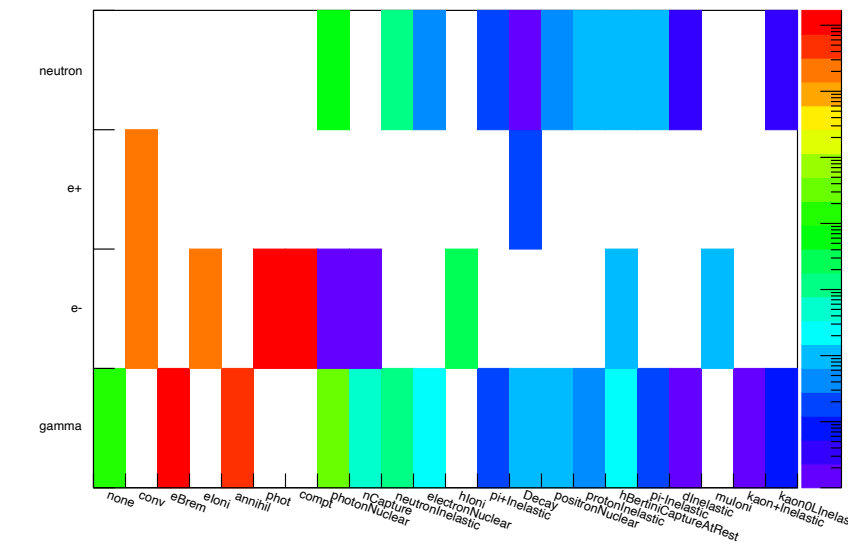
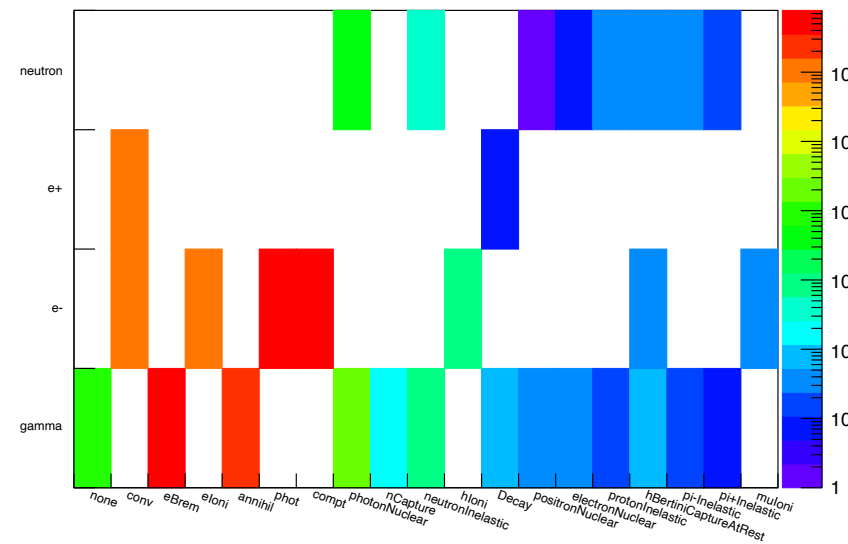
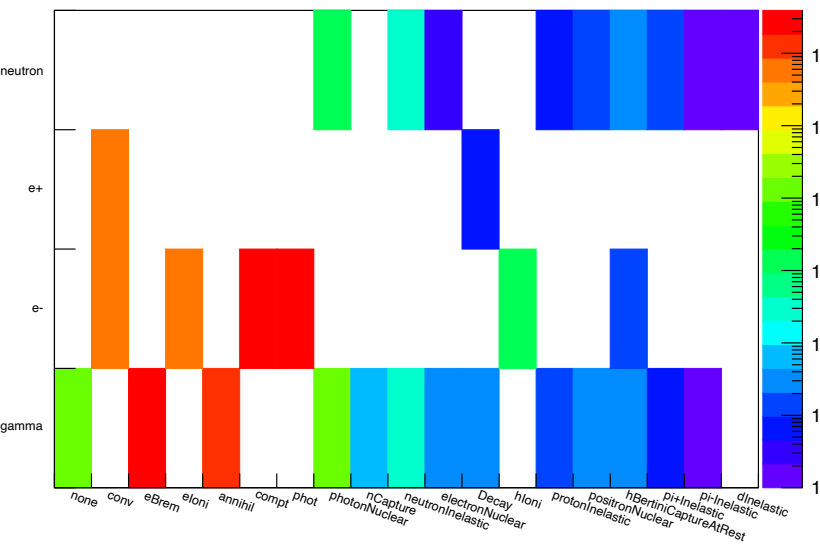
700MeV



1GeV

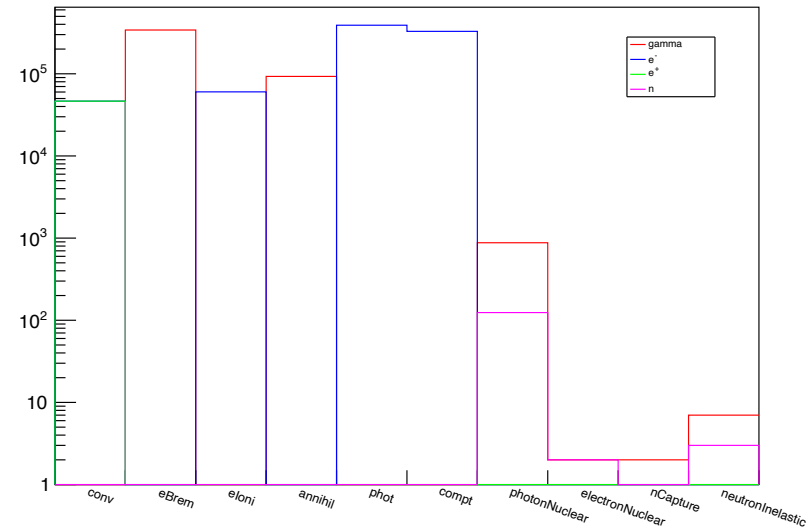
2GeV

5GeV

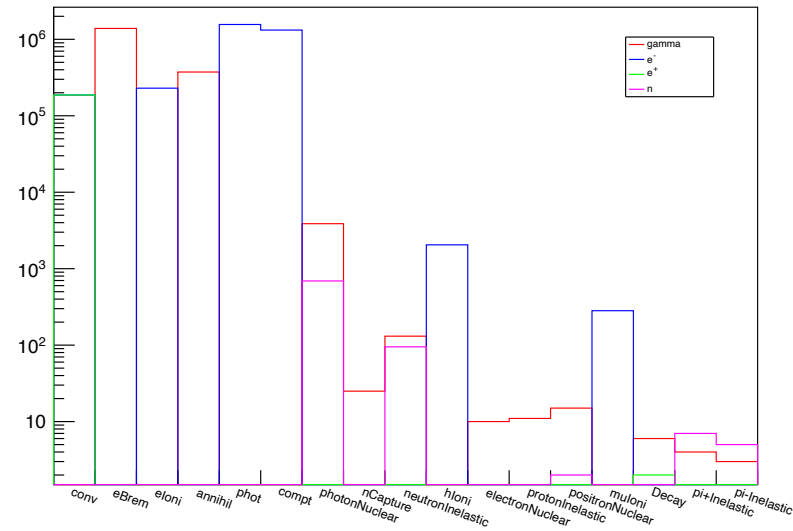


Particle vs. Creation process (projection)

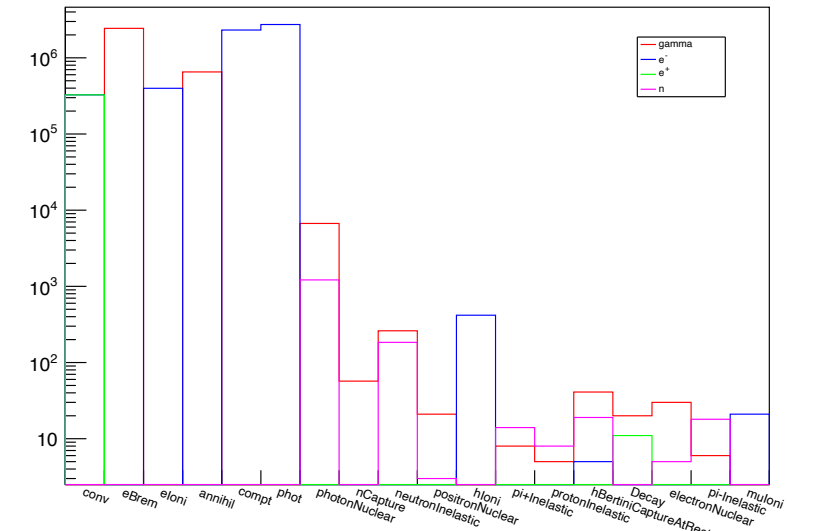
100MeV



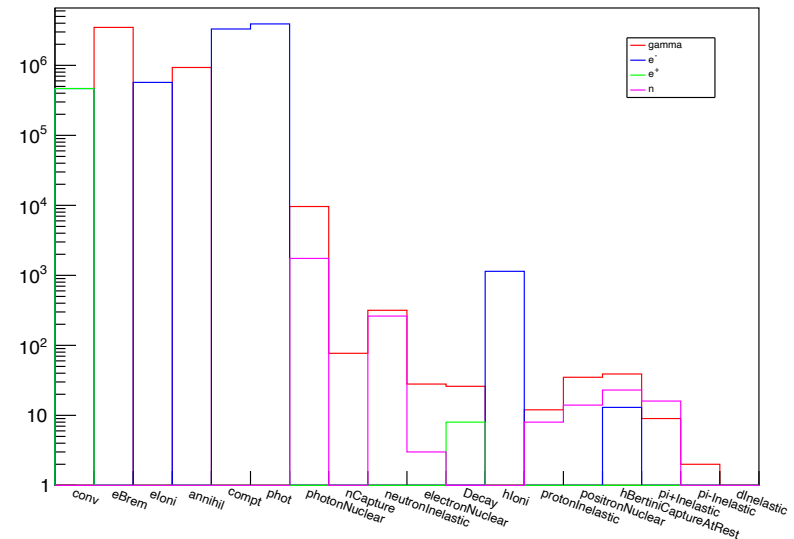
400MeV



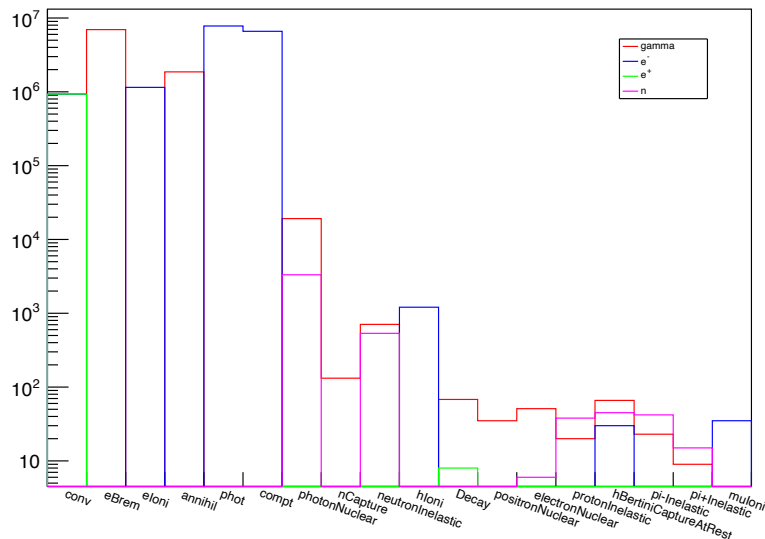
700MeV



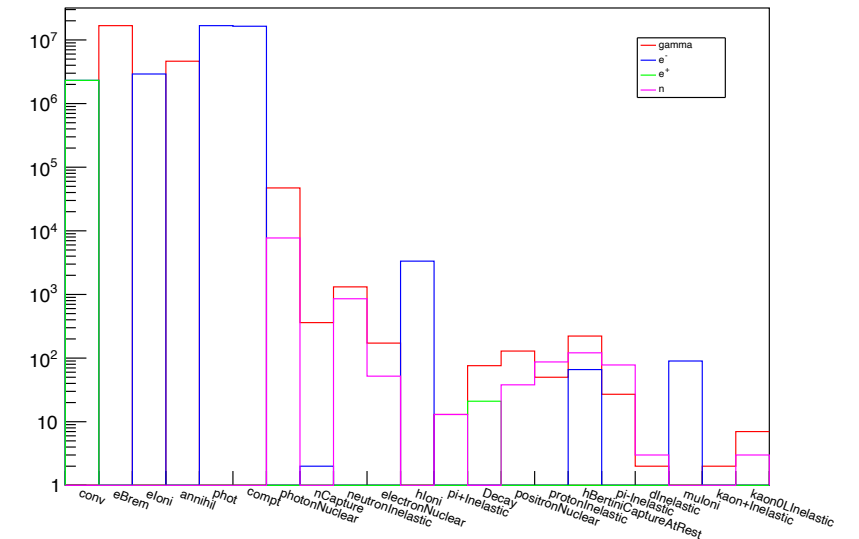
1GeV



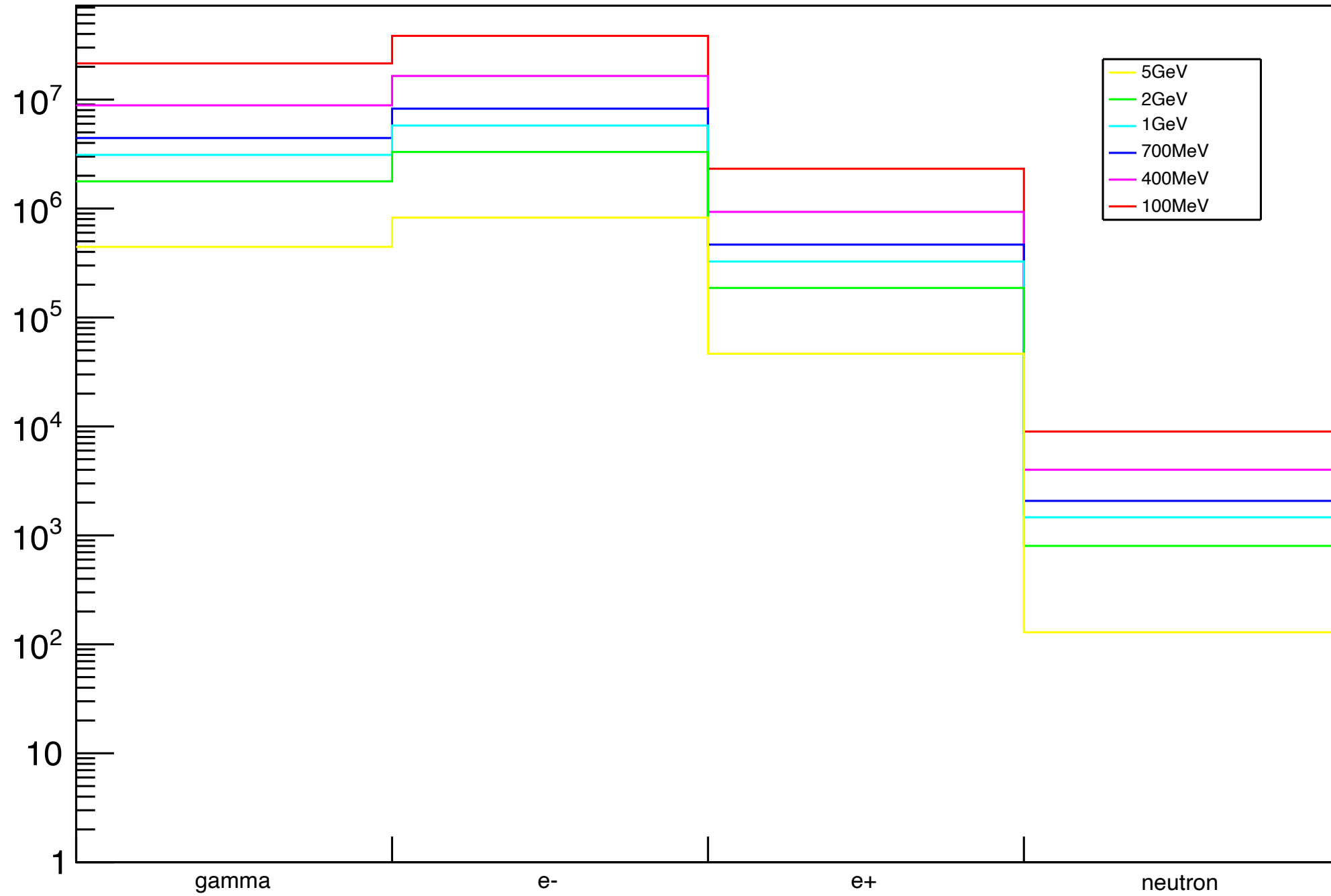
2GeV



5GeV



of Creation particles



Back up