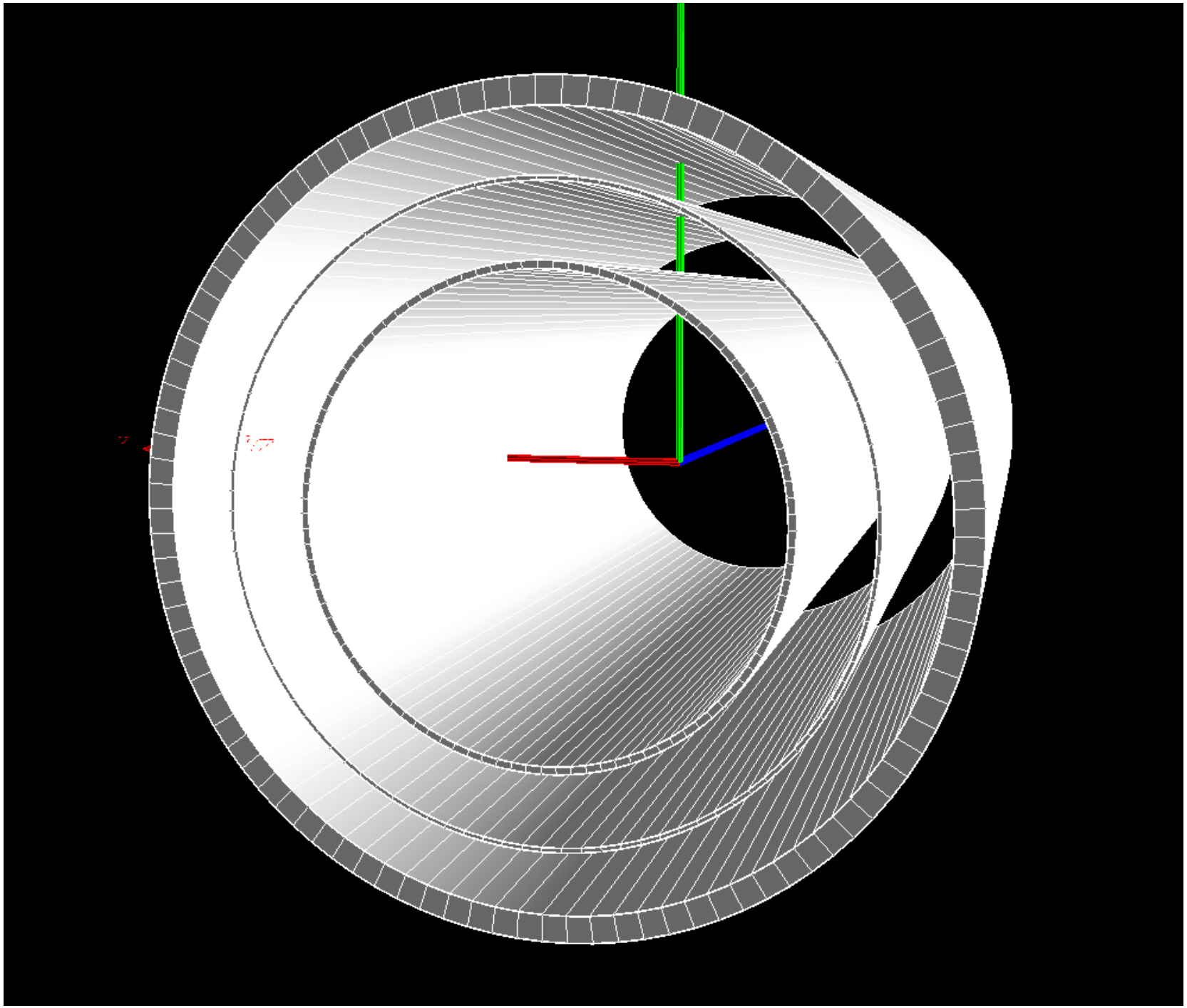
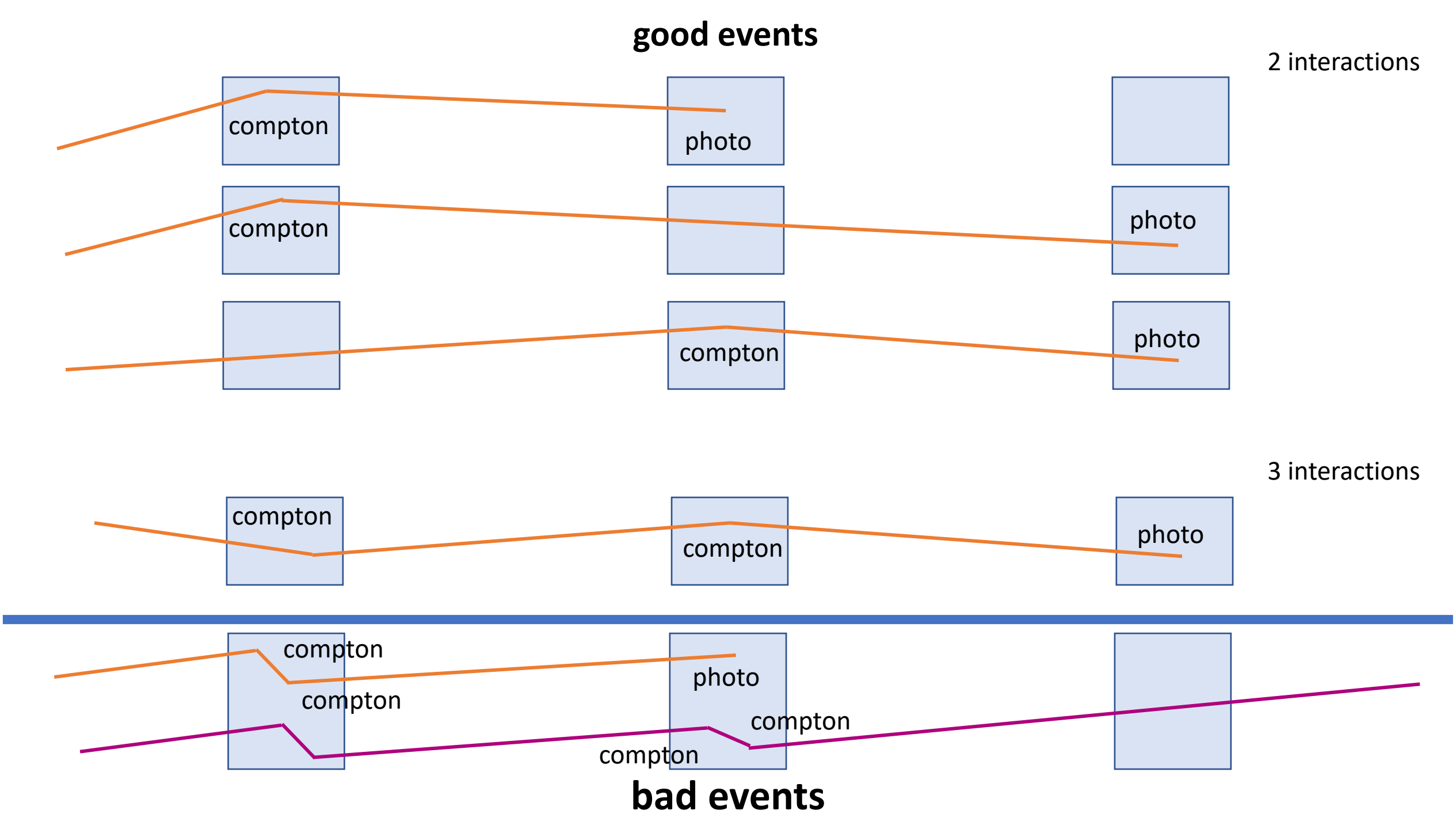
3 layer design

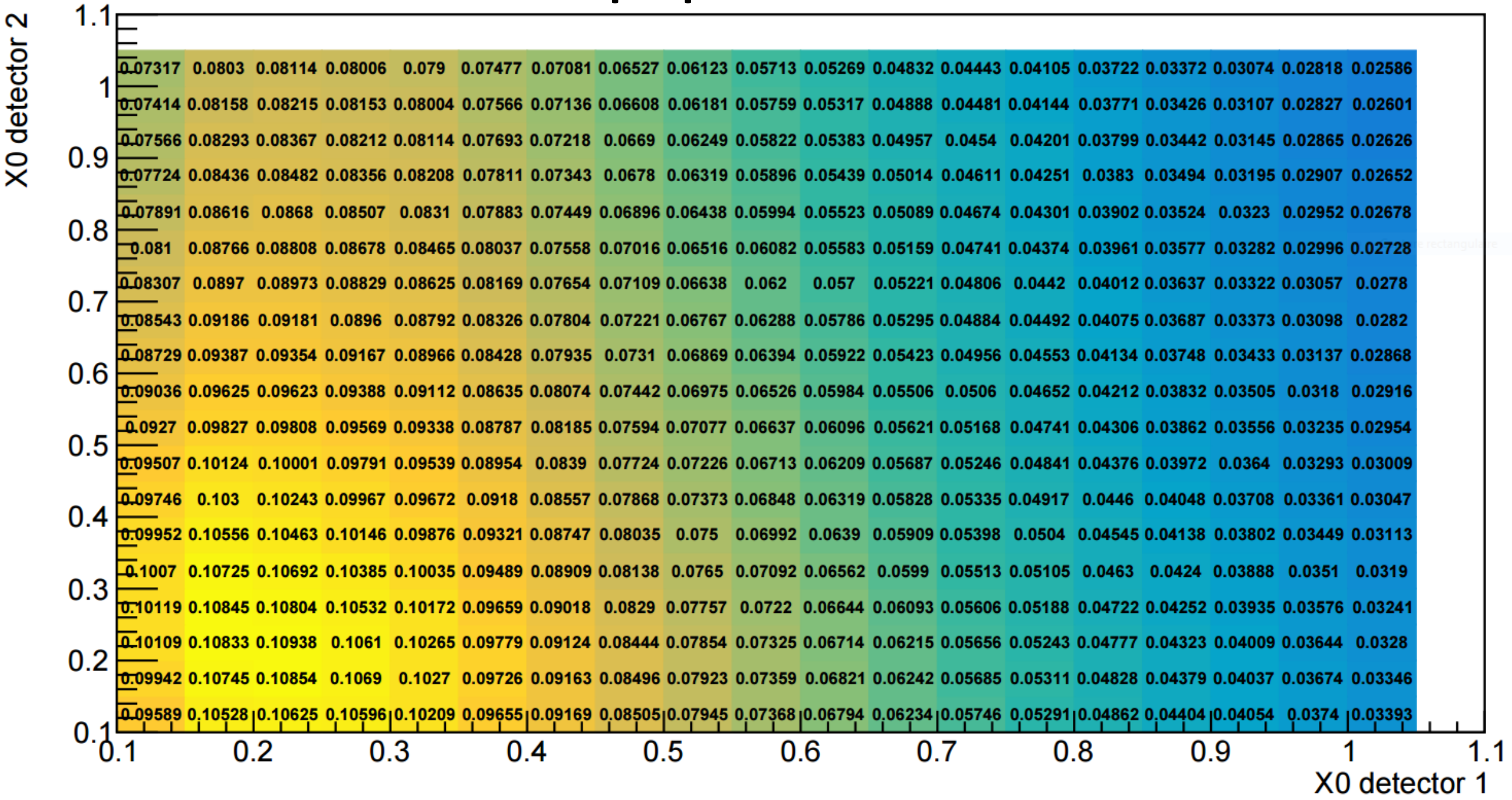
- inner layer :
  - YAG variable X0
    - (0.1 to 1 X0)
- middle layer :
  - LaBr variable X0
    - (0.1 to 1 X0)
- outer layer :
  - BGO 3 X0
- each detector shrouded by 1mm aluminium

YAG X0 = 35.4mm
LaBr X0 = 19.7mm
BGO X0 = 11.2mm

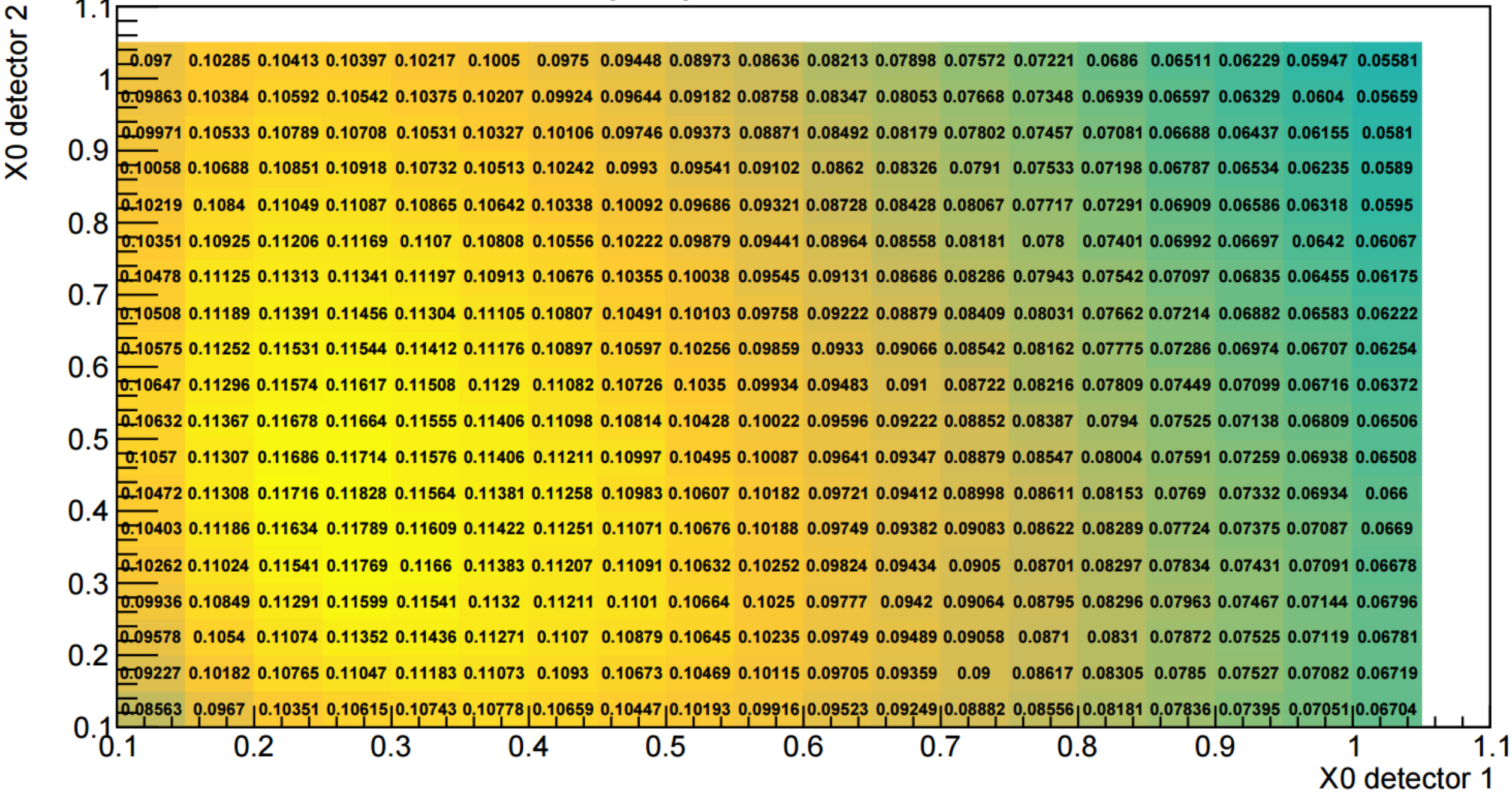



good events
2 interactions
compton
photo
compton
photo
compton
photo
3 interactions
compton
compton
photo
compton
compton
photo
compton
bad events

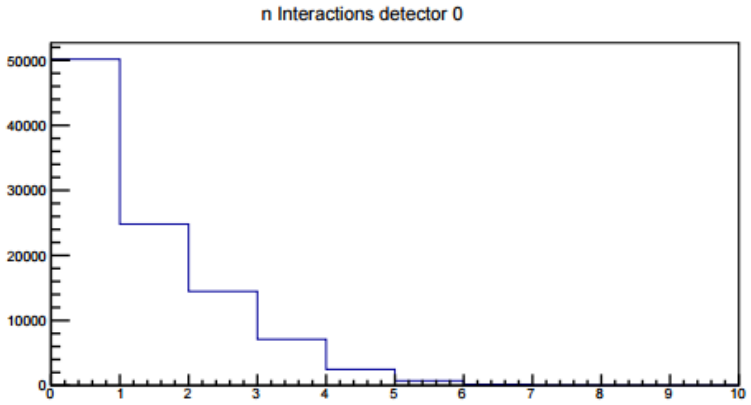
218 keV proportion of usable events

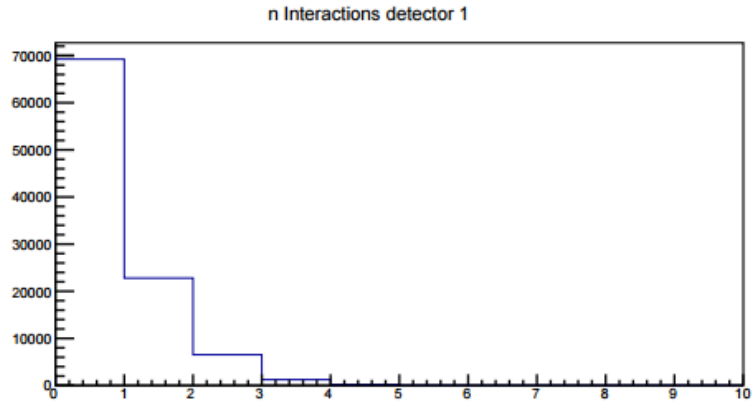


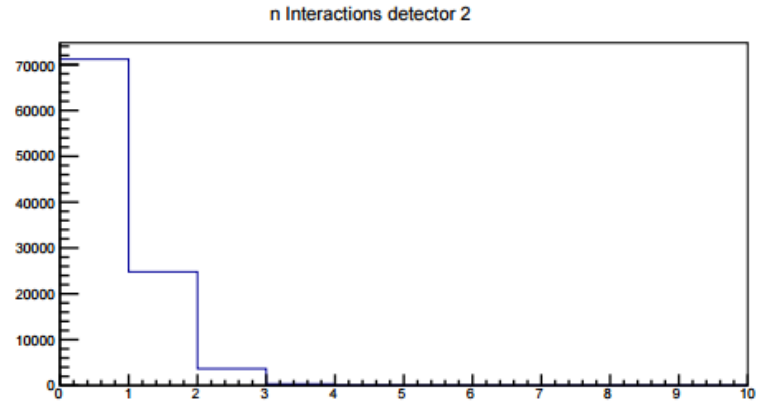
440 keV proportion of usable events

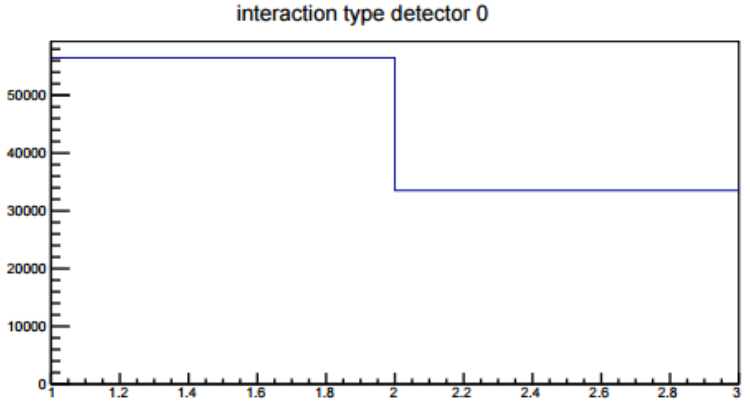


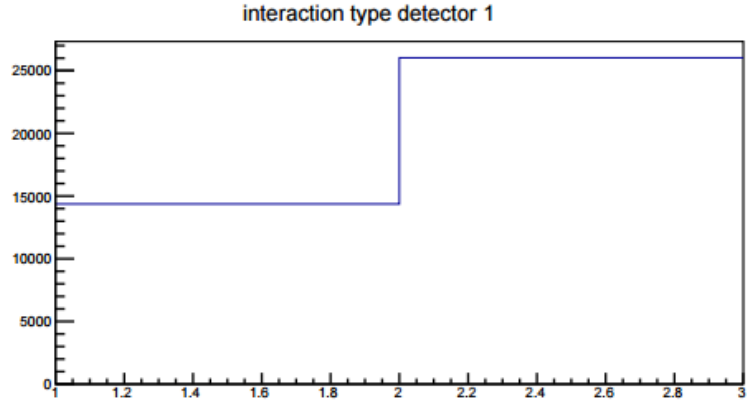
218 keV inner and middle detector 0,25X0 thickness

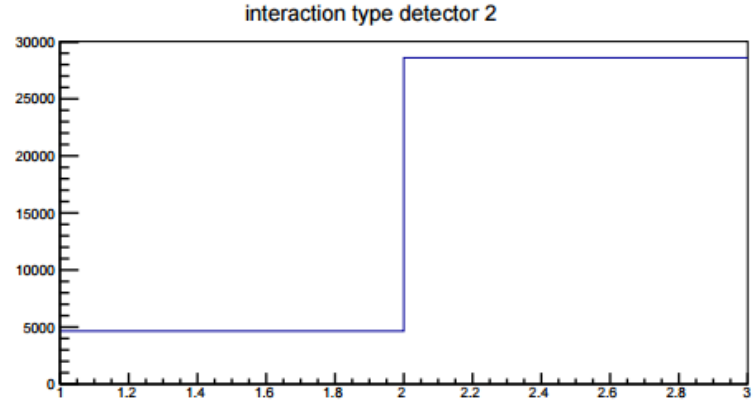


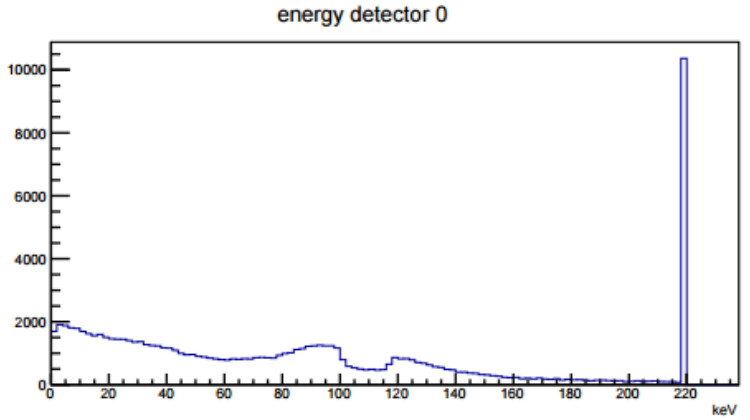


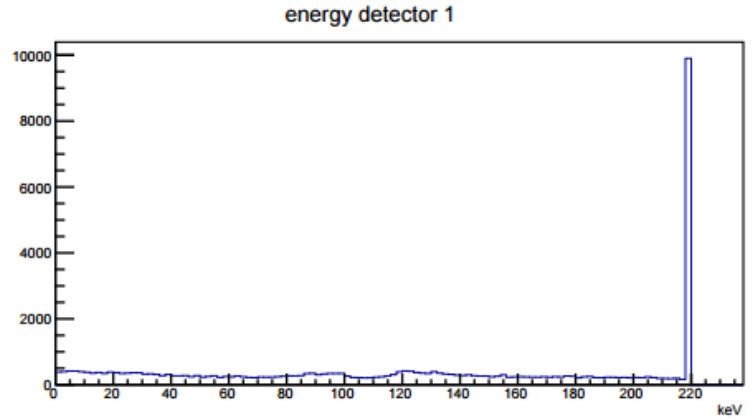


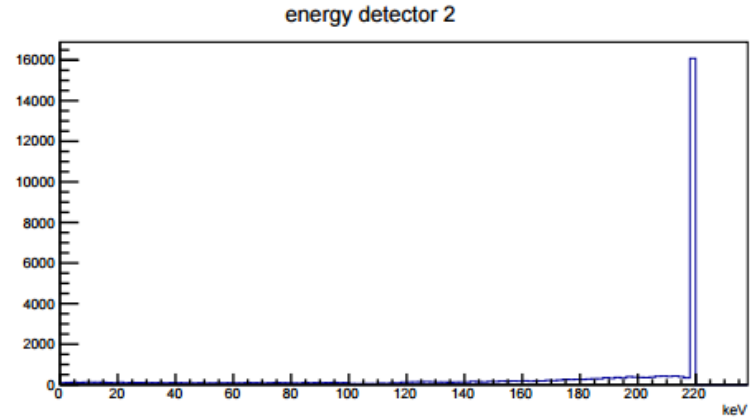




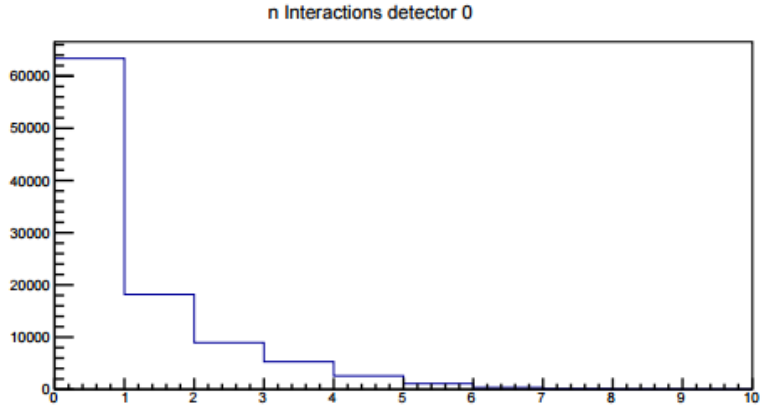


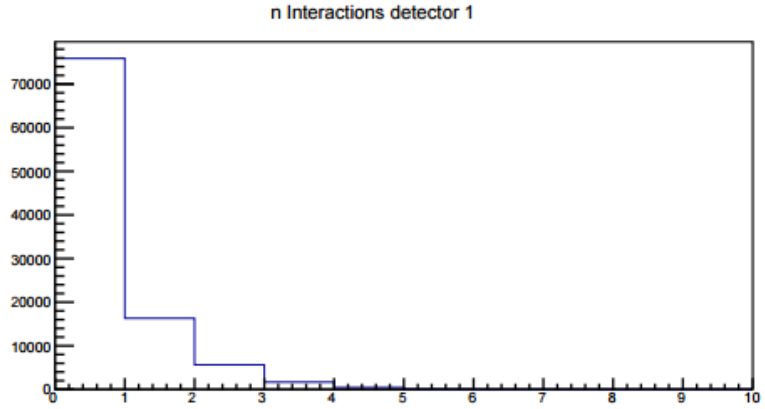


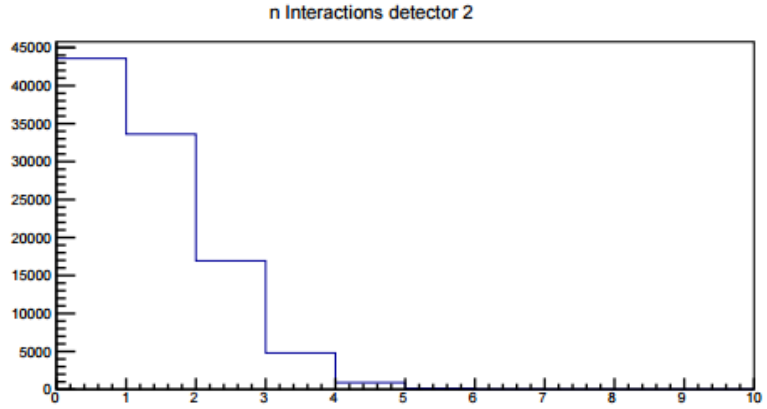


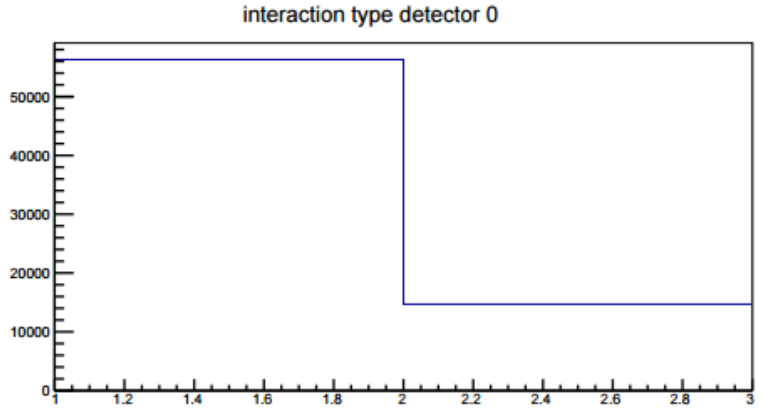


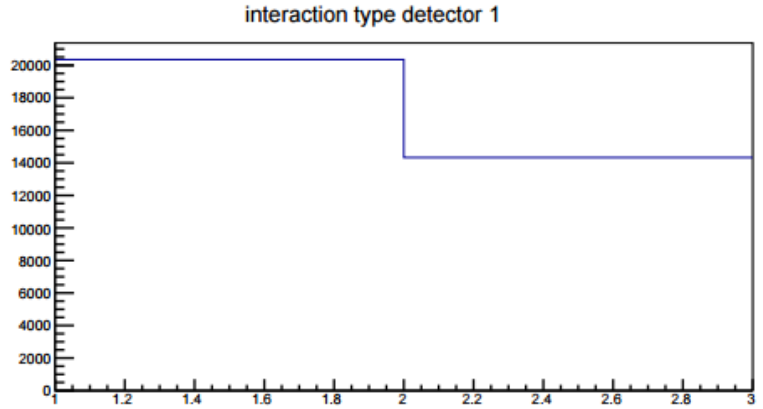
440 keV inner and middle detector 0,25X0 thickness

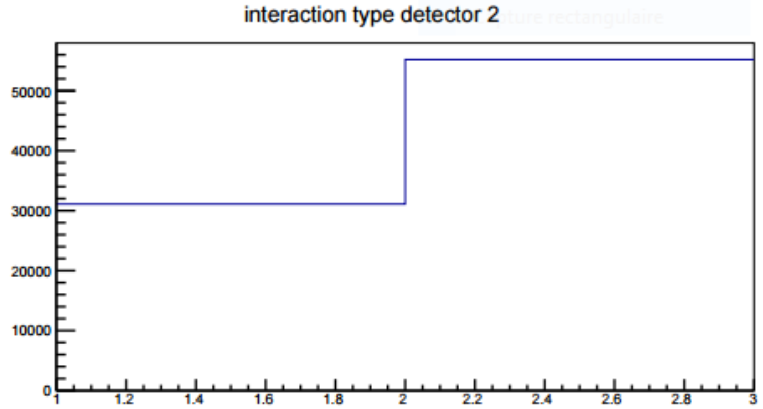


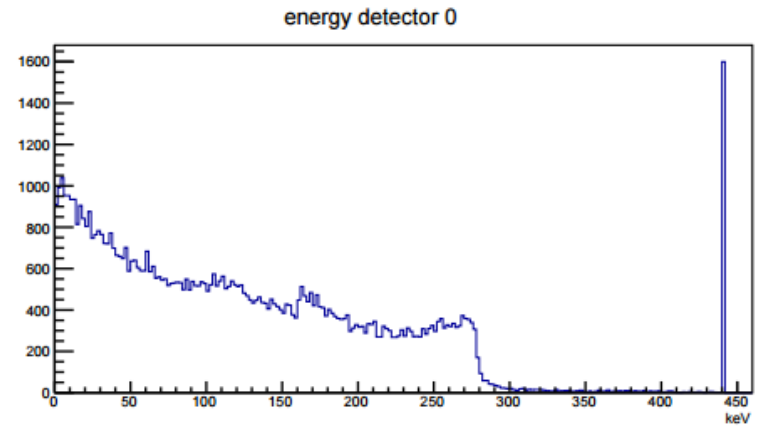


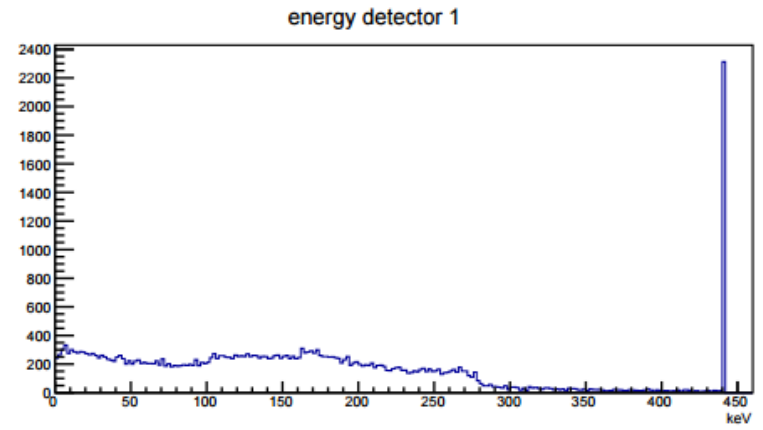


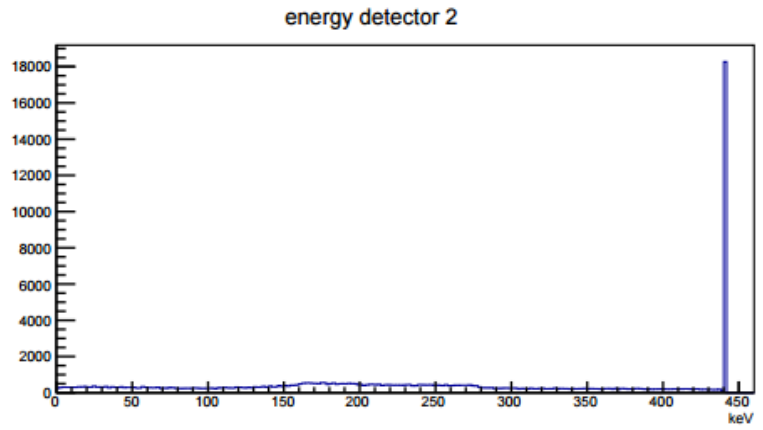




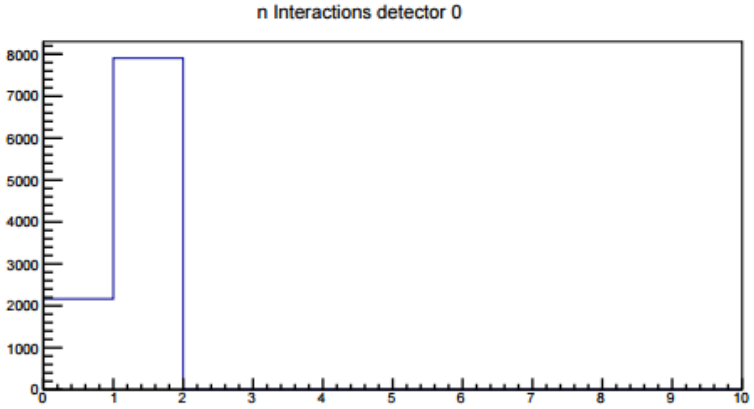


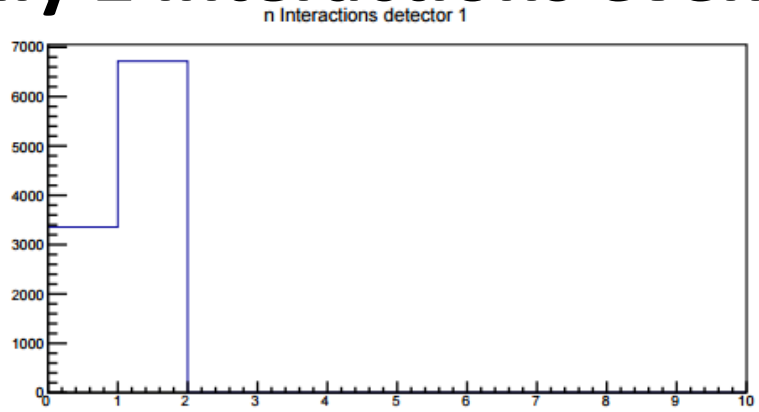


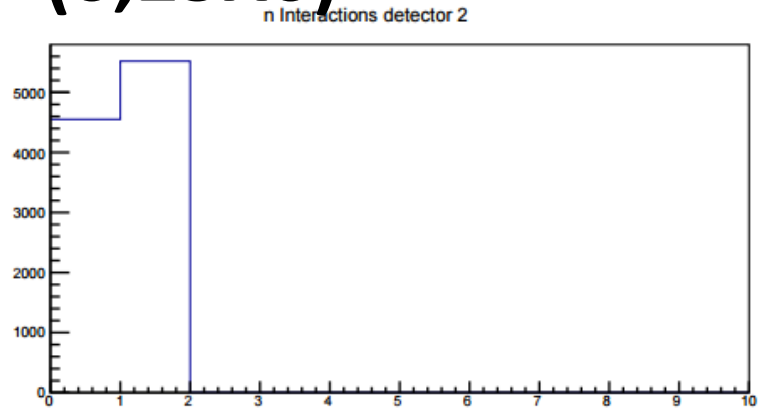


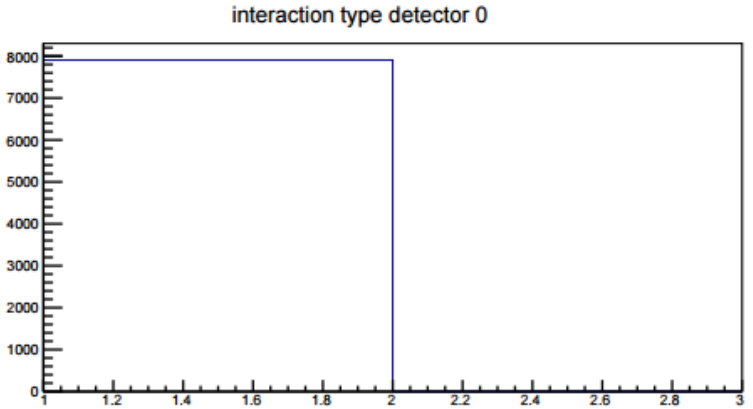


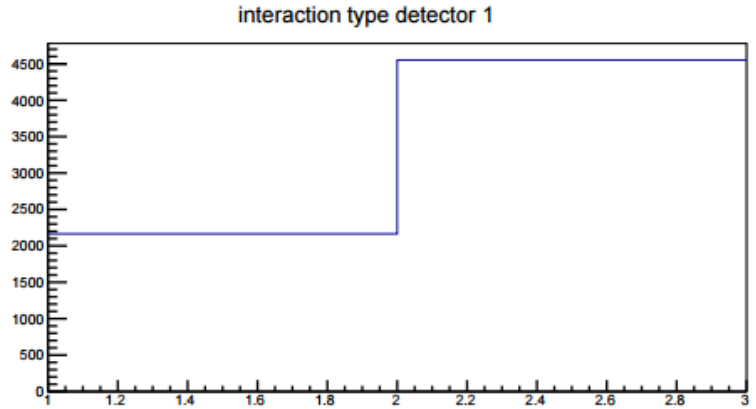
218 keV – only 2 interactions events (0,25X0)

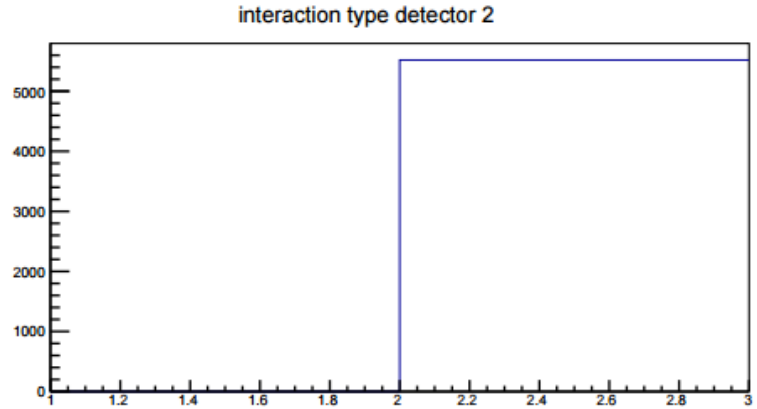


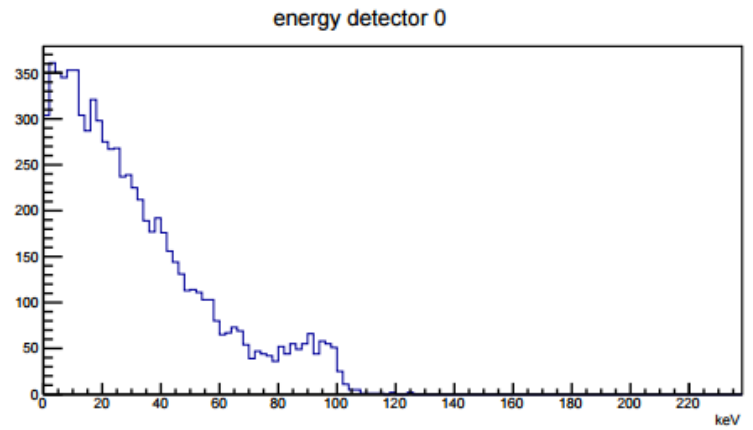


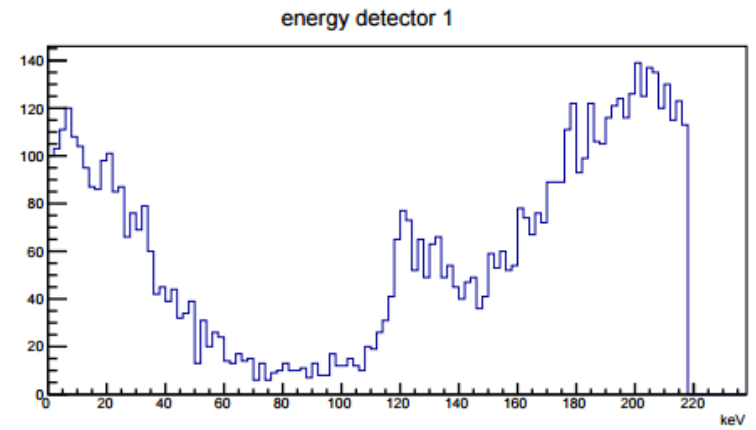


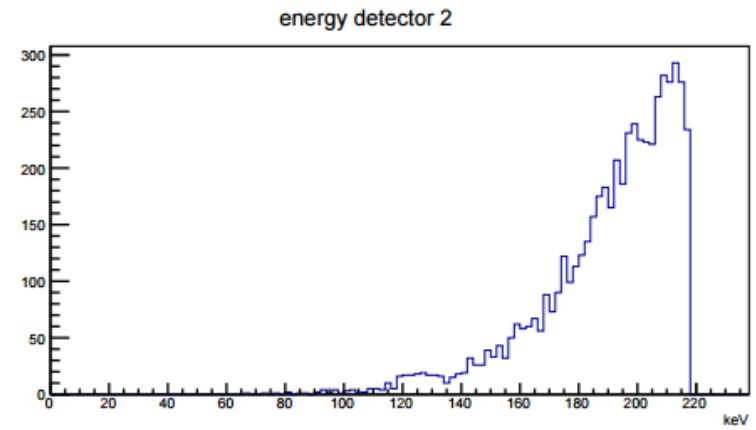
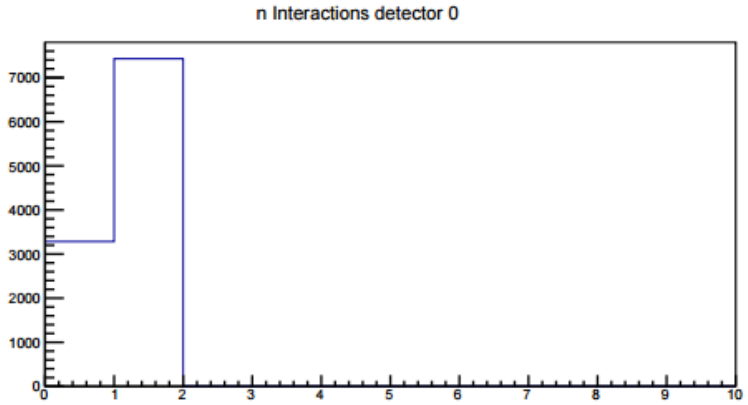
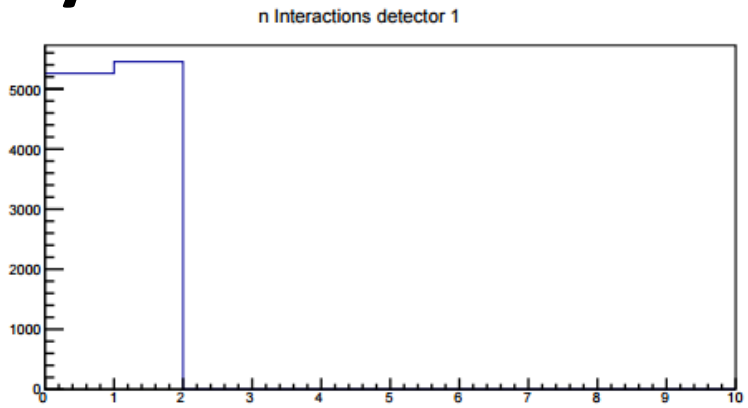
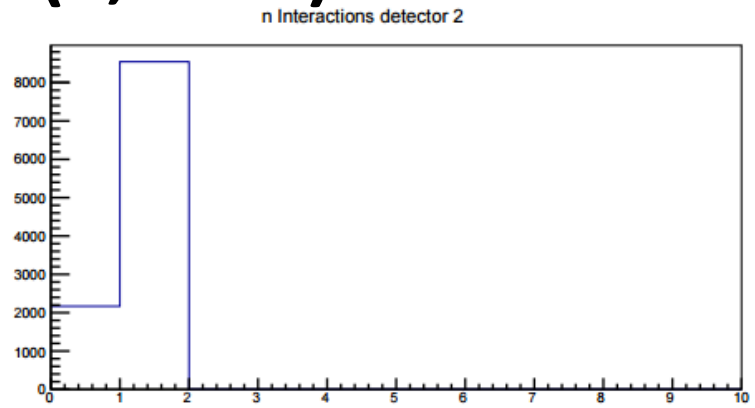
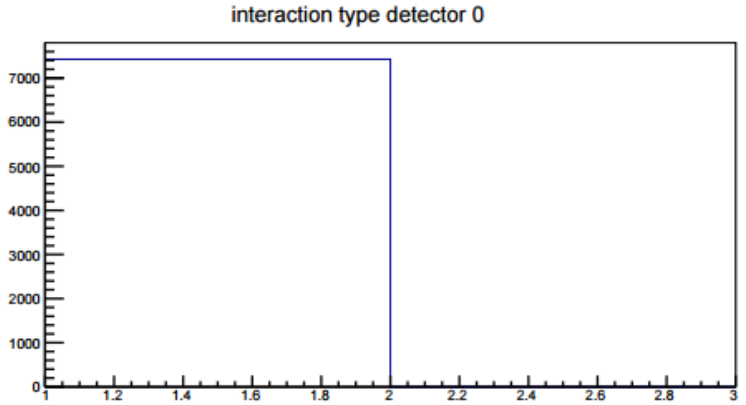
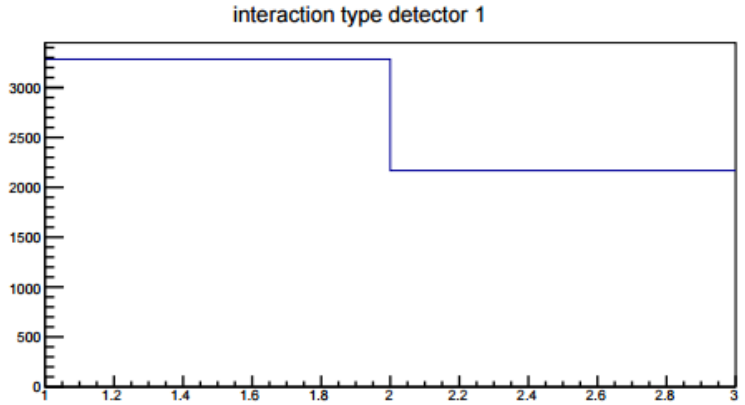
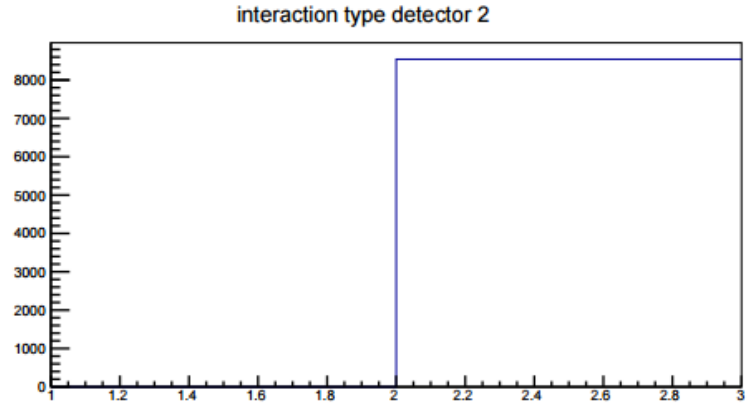
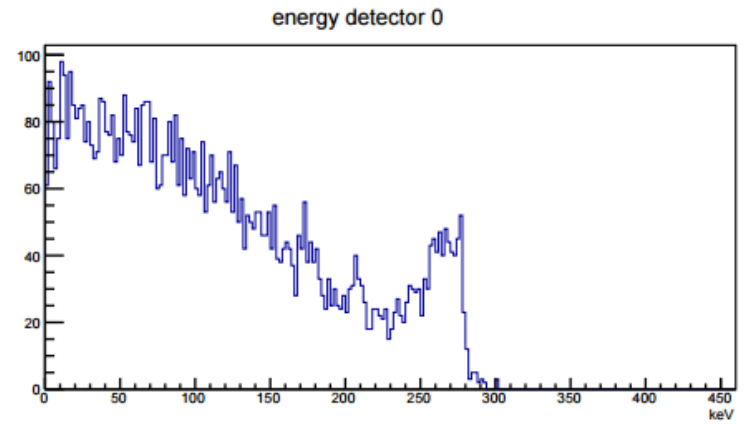
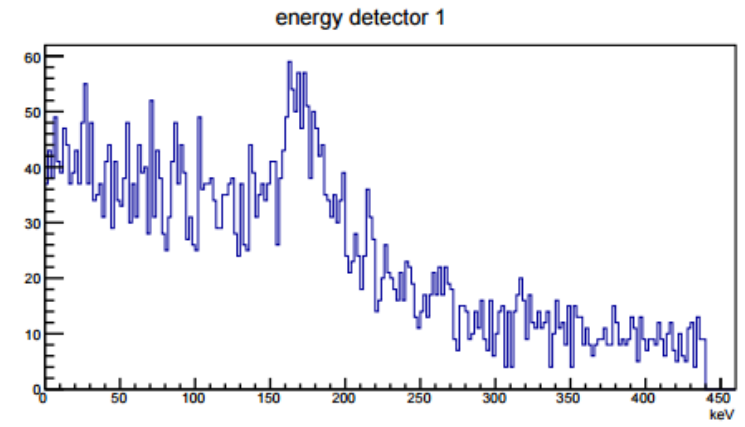
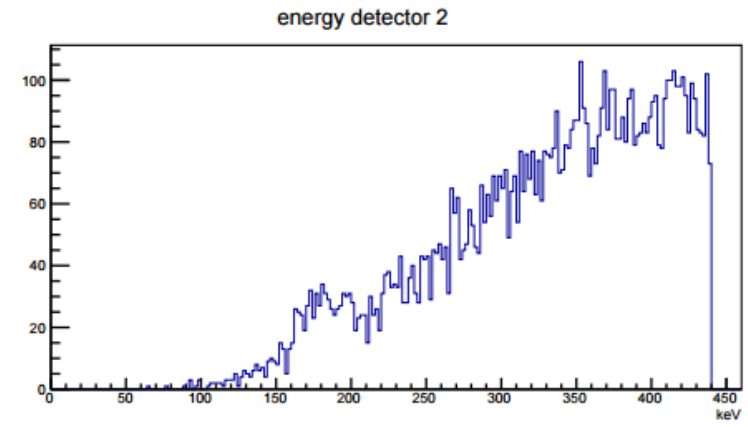












440 keV – only 2 interactions events (0,25X0)