

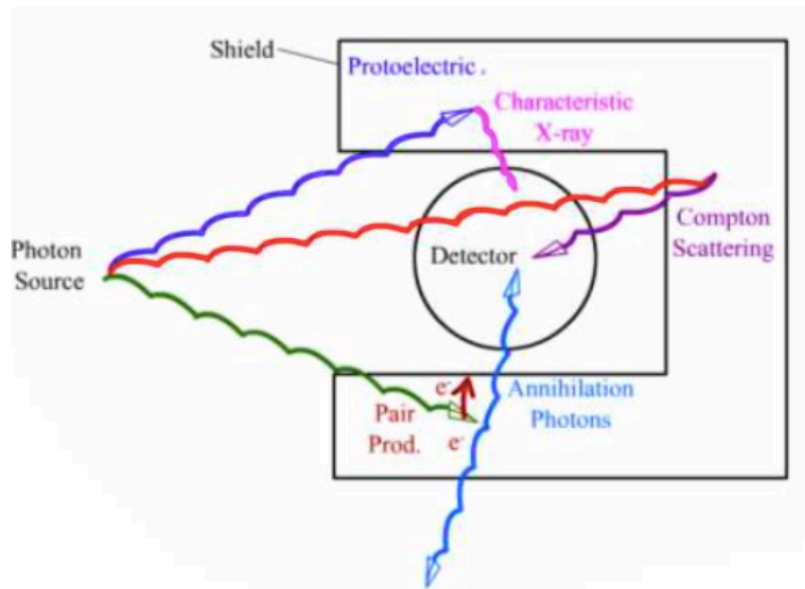
Monte Carlo Simulation

M.J Kumwenda

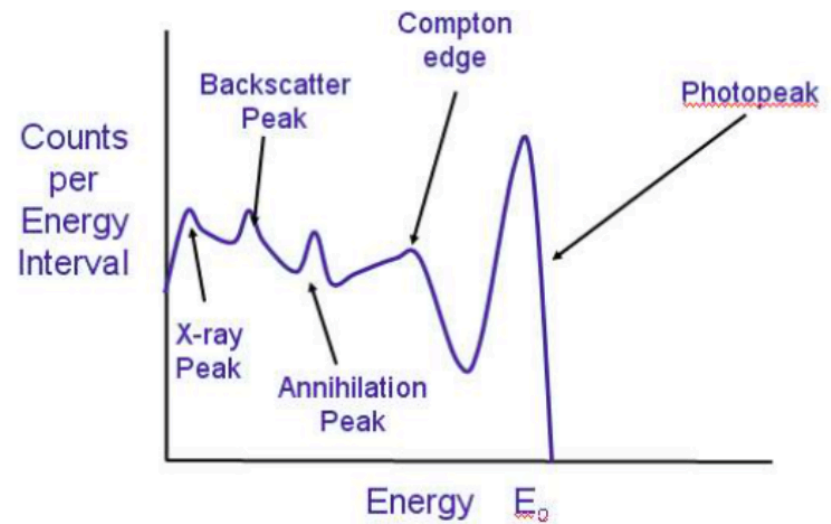
22.07.2016

Influence of the surrounding materials

Materials surrounding



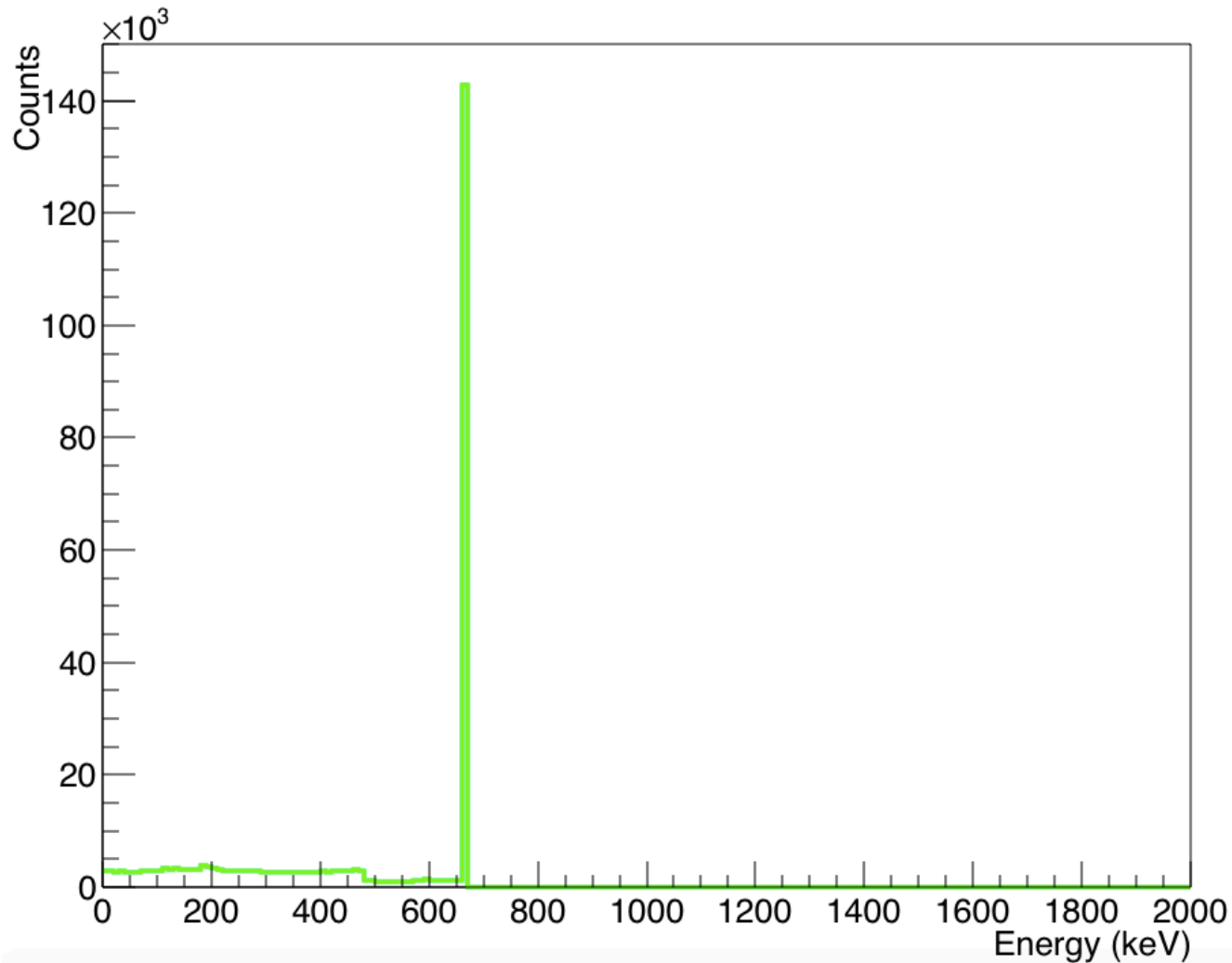
Components of spectrum



Materials

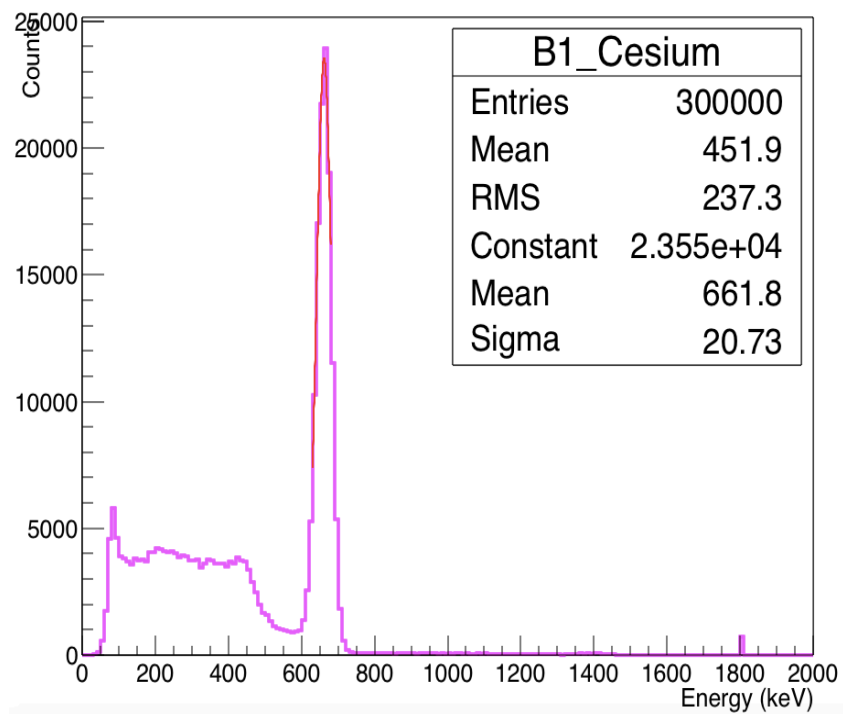
- Source used ^{137}Cs
- NaI crystal
- Glass
- PMT structure attached to the crystal
- Concrete materials
- Lead
- Aluminum

Results from Geant4 Simulation



Results

Measured



Simulated

