

y(x) = Compton spectrum from a photon with energy  $k_0$ , scaled in X and Y and convolved with the scintillator resolution  $e_{pe}$  (energy/photoelectron).

```
KO (MeV) =
                                            Tedge (MeV) 0.475806
0.66
                                            sigEPE = 6.53847
EPE (eV/photoelectron) =
2134.61
Xscale (channels/MeV) =
                                            sigXscale =
                                            0.0704417
919.547
                                            sigYscale =
0.517989
(counts/channel) / (probability/MeV)
285.778
Yoffset (counts/channel) =
                                            sigYoffset =
                                            1.02326
17.828
                                                                 Std. deviation = 611.138
Xedge (channel) =
                                            sigXedge =
437.526
                                            0.0335166
```