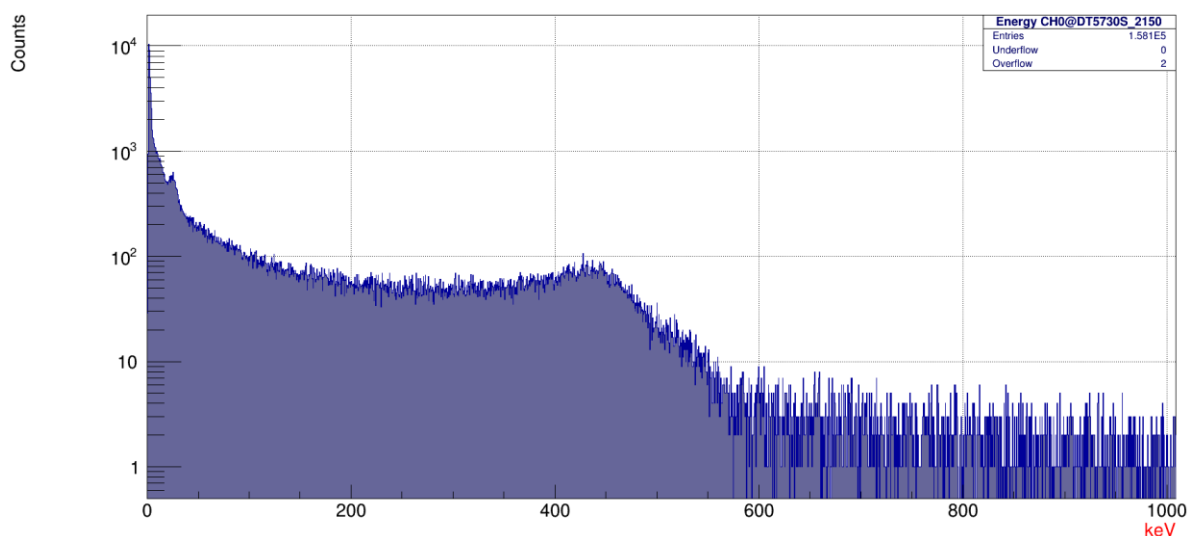


Detector : 51A51/2M-E1-OGS-X-NEG

Crystal : OGS100

Readout : Hamamatsu 2" Type R6231-100

Serial Number : S2AD3572



TEST RESULTS

Nuclide : Cs137 (Compton Continuum – 478 keV Half of the Compton Edge)

Energy Resolution : N/A

Noise : N/A

Peak to Valley : N/A

Am241 or Cf252 GEE : N/A

High Voltage : -940 V

Date : July 23rd 2025

Tested by : Massimo Venaruzzo

Detector : 51A51/2M-E1-OGS-X-NEG

Crystal : OGS100

Readout : Hamamatsu 2" Type R6231-100

Serial Number : S2AD3572

TEST RESULTS

Nuclide : Cf252

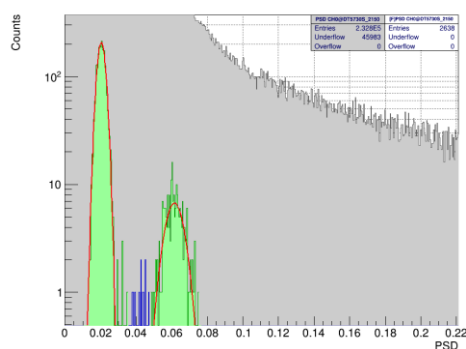
Energy Resolution : N/A

Noise : N/A

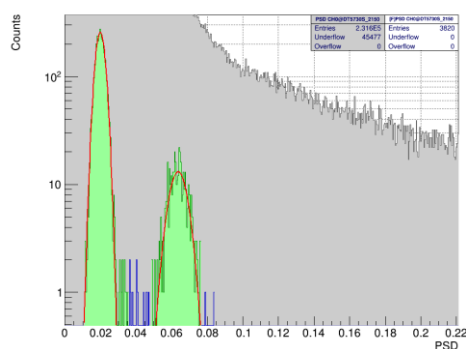
Peak to Valley : N/A

Am241 or Cf252 GEE : N/A

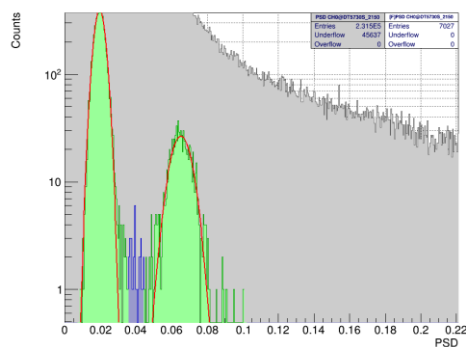
Cf252 γ -n Separation FoM
956 KeV [881 – 1031] : 2.37



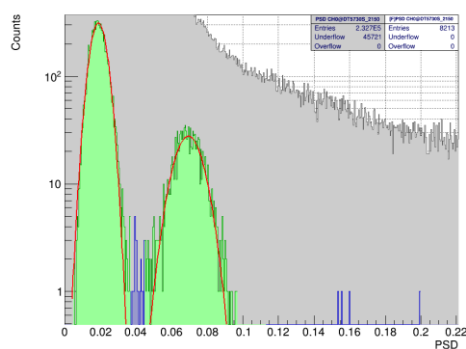
Cf252 γ -n Separation FoM
676 KeV [616 – 736] : 2,48



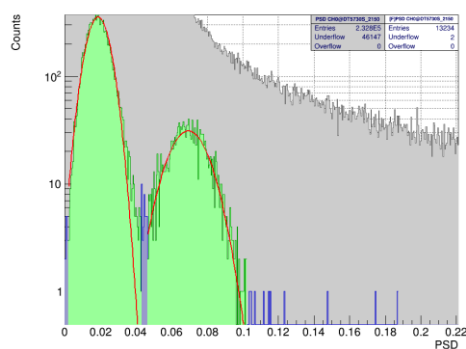
Cf252 γ -n Separation FoM : 2.24
478 KeV [428 – 528]



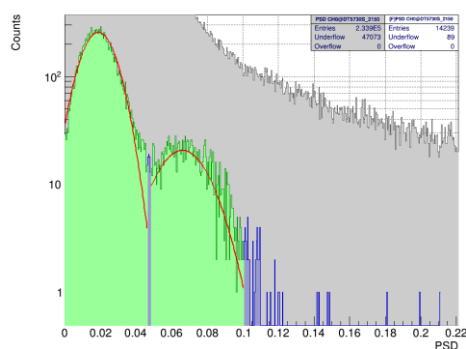
Cf252 γ -n Separation FoM : 1.81
239 KeV [200 – 380]

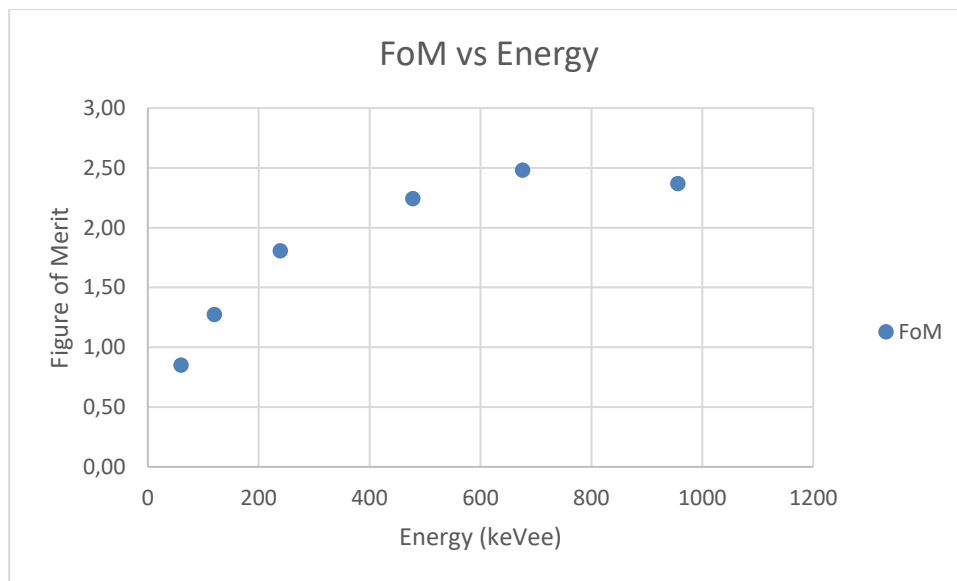


Cf252 γ -n Separation FoM : 1.27
120 KeV [90 – 150]



Cf252 γ -n Separation FoM : 0.85
60 KeV [45 – 75]





High Voltage : -940 V

Date : July 23rd 2025

Tested by : Massimo Venaruzzo