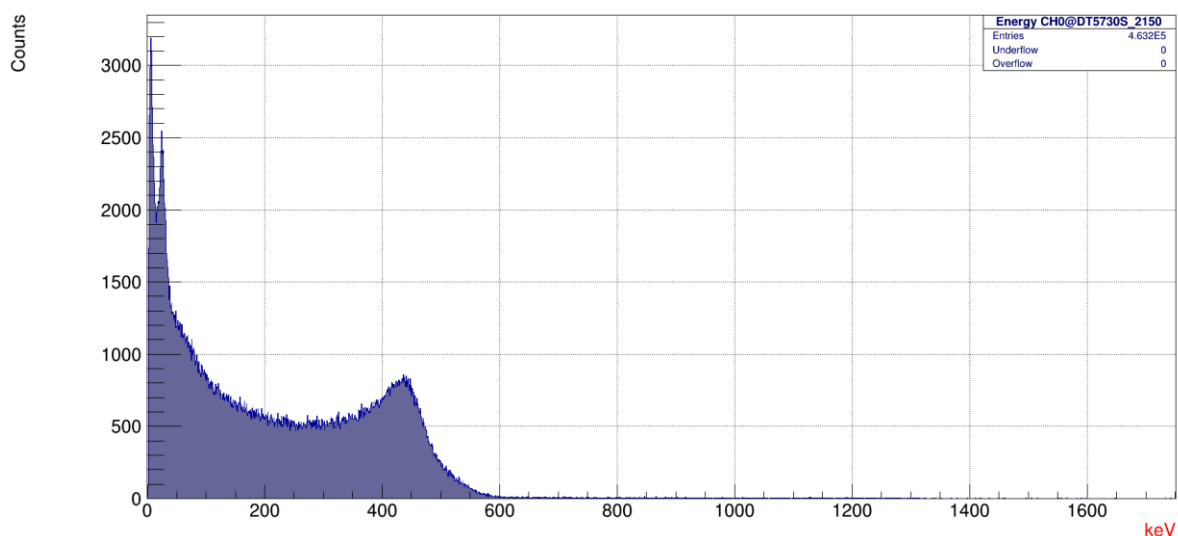


Detector : 51A51/2M-E1-EJ309-X3-NEG

Crystal : EJ309

Readout : ETL 3" Type D789

Serial Number : S2AB7496



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 : -650 V

Date : July 10th 2025

Tested by : Massimo Venaruzzo

Detector : 51A51/2M-E1-EJ309-X3-NEG

Crystal : EJ309

Readout : ETL 3" Type D789

Serial Number : S2AB7496

TEST RESULTS

Nuclide : Cf252

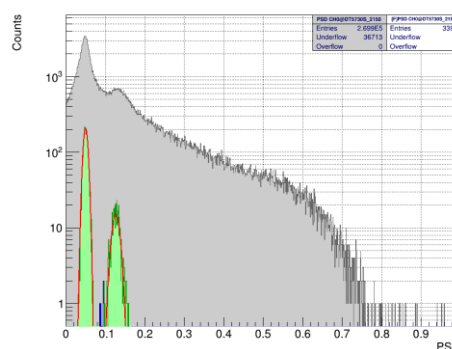
Energy Resolution : N/A

Noise : N/A

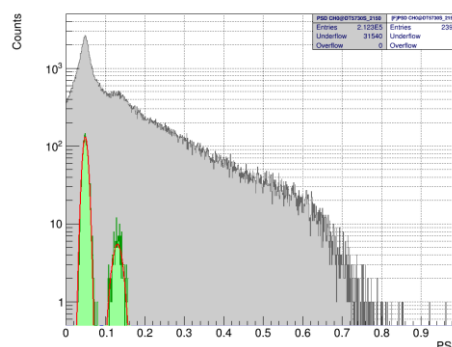
Peak to Valley : N/A

Am241 or Cf252 GEE : N/A

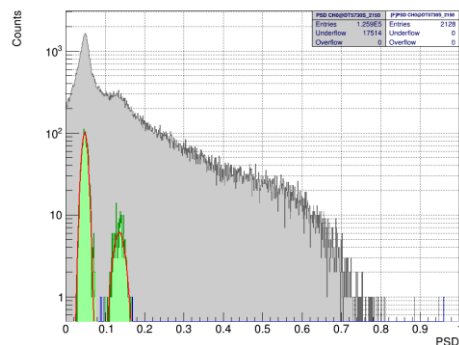
**Cf252 γ -n Separation FoM
956 KeV [881 – 1031]** : 2.15



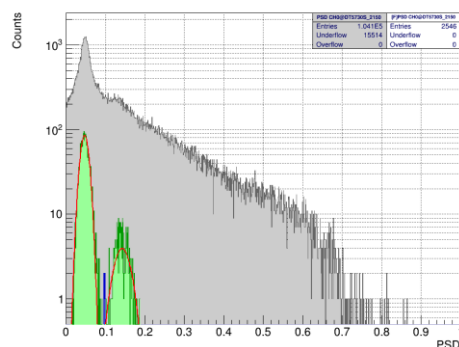
**Cf252 γ -n Separation FoM
676 KeV [616 – 736]** : 1.85



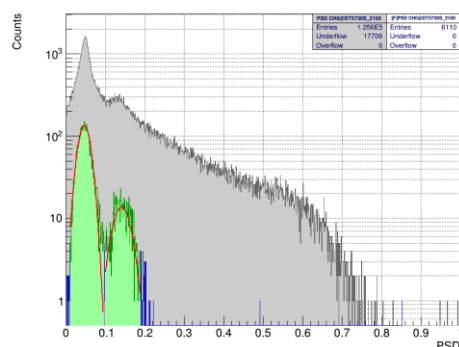
**Cf252 γ -n Separation FoM
478 KeV [428 – 528]** : 1.82



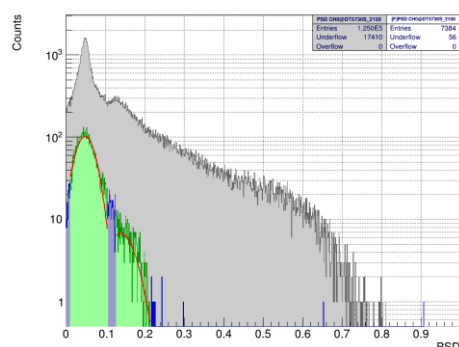
**Cf252 γ -n Separation FoM
239 KeV [200 – 280]** : 1.27

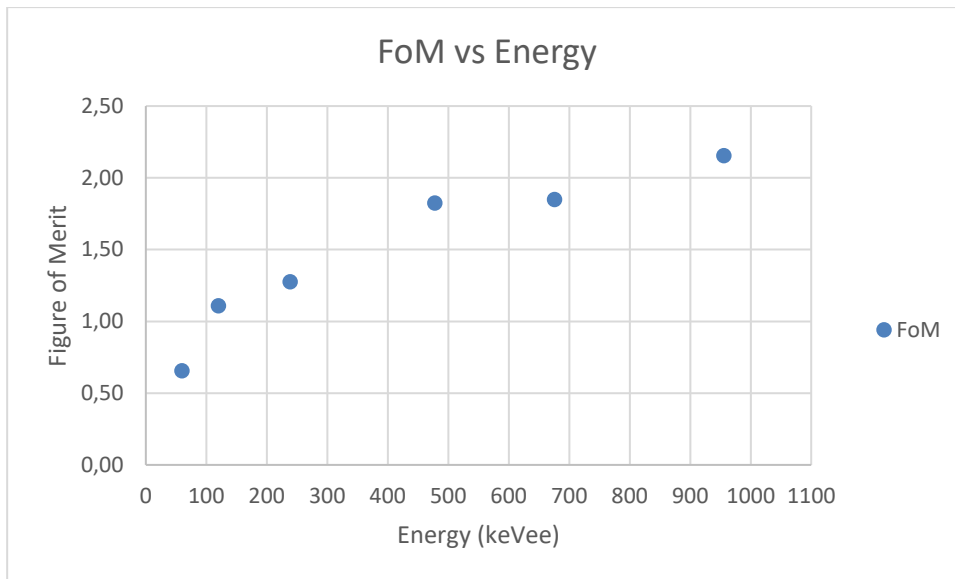


**Cf252 γ -n Separation FoM
120 KeV [90 – 150]** : 1.11



**Cf252 γ -n Separation FoM
60 KeV [45 – 75]** : 0.65





High Voltage : -650 V

Date : July 10th 2025

Tested by : Massimo Venaruzzo