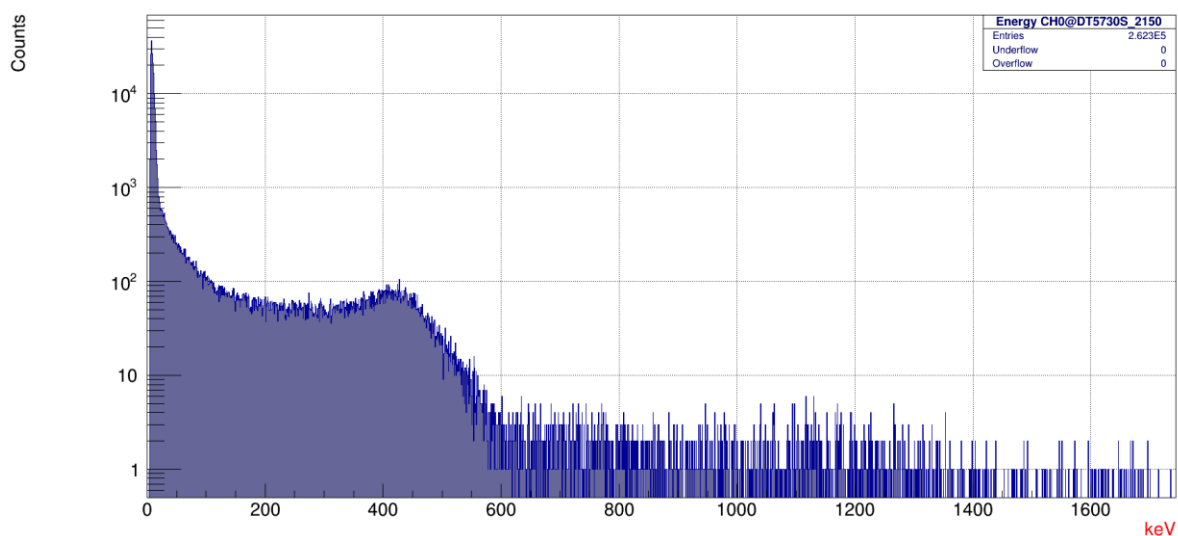


Detector : 2MAB-1F2BC599-17/2L

Liquid Scintillator : BC599

Readout : HTV R329-02

Serial Number : 20018-00245



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 : -1375 V

Date : July 16th 2025

Tested by : Massimo Venaruzzo

Detector : 2MAB-1F2BC599-17/2L

Crystal : BC501

Readout : HTV R329-02

Serial Number : 20018-00245

TEST RESULTS

Nuclide : Cf252

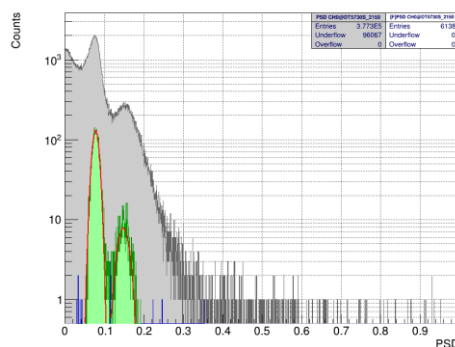
Energy Resolution : N/A

Noise : N/A

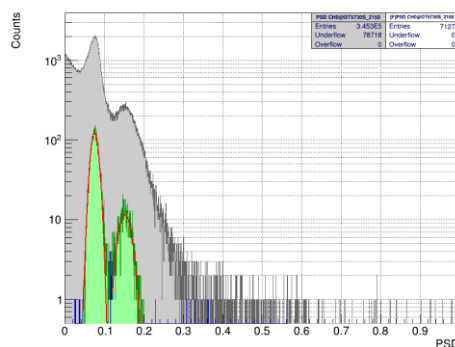
Peak to Valley : N/A

Am241 or Cf252 GEE : N/A

**Cf252 γ -n Separation FoM
956 KeV [881 – 1031]** : 1.38



**Cf252 γ -n Separation FoM
676 KeV [616 – 736]** : 1.32

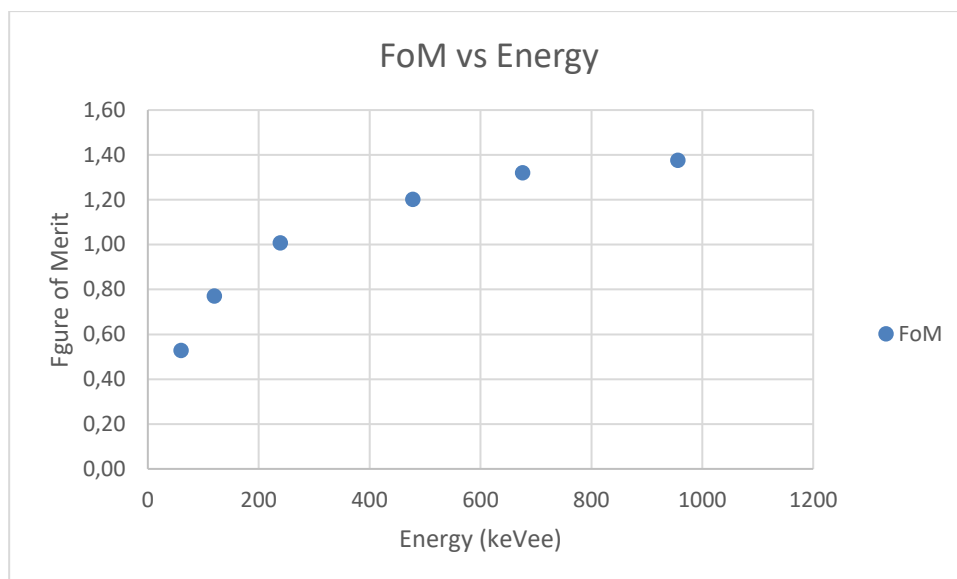


fit categories, fit		param constraints, max	
Entries	3.12585	Entries	13607
Underflow	8885	Underflow	0
Overflow	6	Overflow	0

Category	Counts	PSI
Red	11465	0.05
Green	1083	0.15
Blue	102	0.3

Full Categories, All		Full Categories, 1 PSF	
Entries	315069	Entries	23602
Underflow	0.001	Underflow	0.001
Overflow	0.9	Overflow	0.9

PSI Categories: 0.00		PSI Categories: 0.01	
Errors	317085	Errors	23886
Underflow	60808	Underflow	47
Overflow	6	Overflow	0



High Voltage : -1375 V

Date : July 16th 2025

Tested by : Massimo Venaruzzo