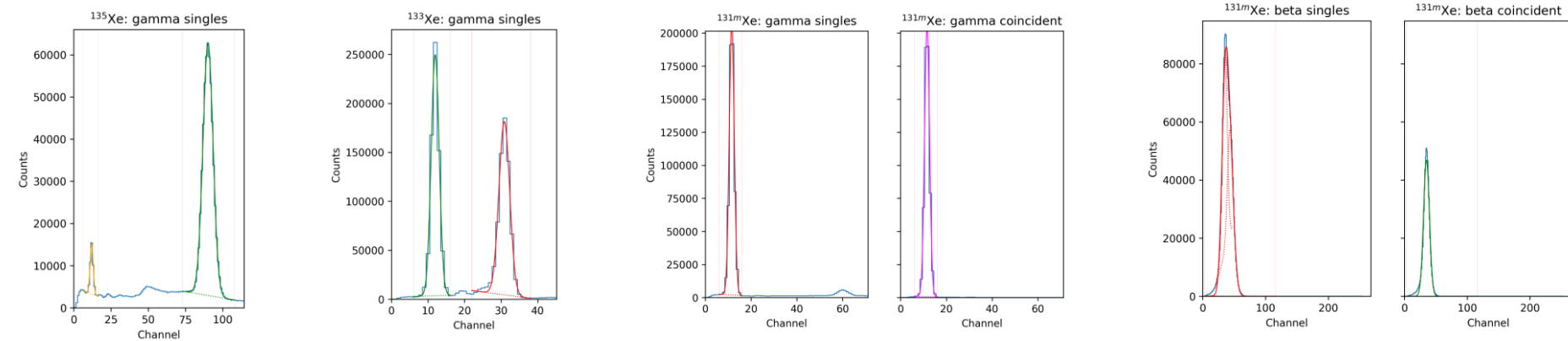
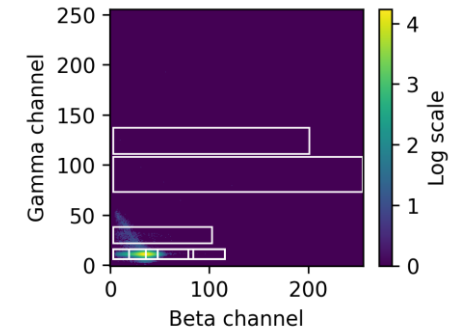


Calibration procedures for noble gas systems with 4π geometry

- **IDC-4X:** The efficiency of 30 keV X-rays, estimated by the Xe-131m spike, is the same for all xenon spikes in the peak fitting method and transferred to other gamma energies.
- **FOI-2X: (SAUNA II and III)** The x-ray efficiency was estimated based on a smaller ROI-5 and used to derive the efficiency of 81 keV gamma.
- **PNNL-4X: (XeInt.)** X-ray efficiencies were estimated independently for each spike, resulting in different X-ray efficiencies for each xenon accordingly.
- **CEA-2X: (SPALAX NG)** Non- 4π geometry, relative measurement; Gamma efficiencies are estimated by standard sources (air equivalent plastic).



If you want to learn more about this, come see my e-poster during session 3.6 on Wednesday 21st or access it online on the SnT2023 Conference platform!