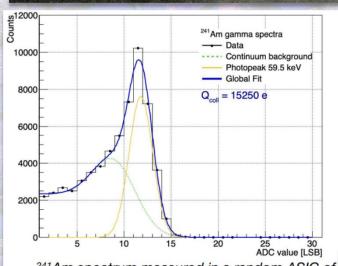
Performance assessment and operation aspects in the assembly process of the Silicon Tracking System of the CBM experiment at FAIR



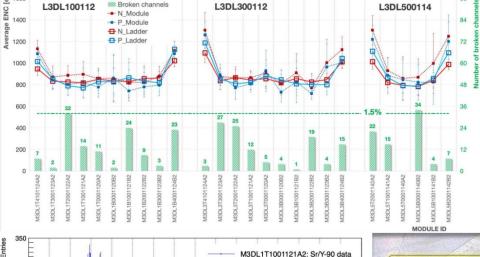
STS Ladder performance and characterization



²⁴¹Am spectrum measured in a random ASIC of N-side using a high resolution calibration



⁹⁰Sr/Y source measurement







Lady Maryann Collazo Sánchez

PhD student

1. IV measurement up to EOL

Coarse IV measurement with LV connected

2. FEE functionalities check

3. ENC measurements

- 1. Single module on Ladder
- 2. All modules biased and configured
- 3. All modules @ low thr (Analog and digital activity in all adjacent modules)

4. Data readout from 90Sr/Y

Ladder Test box

FUNCTIONAL TESTING

