

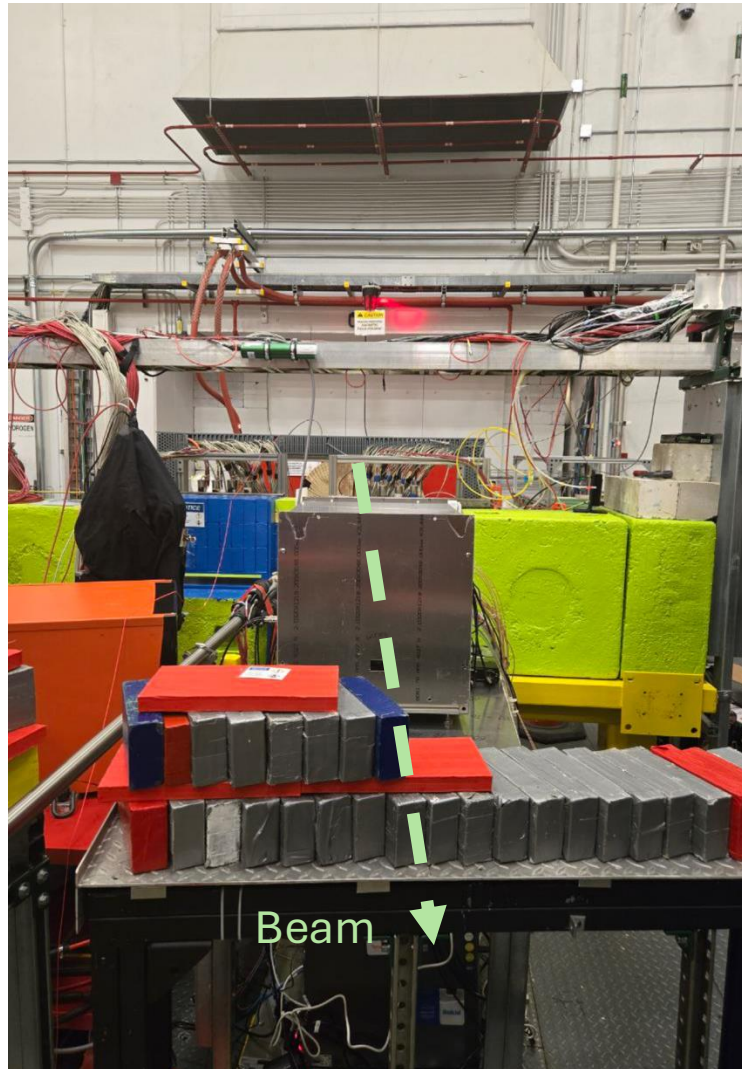
Noisy pixels check from the BabyMOSS (MAPS) sensors from the July test beam

Grigory Nigmatkulov (UIC), Zhenyu Ye (LBL), Simonne Mazza (UC Santa Cruz), Yu Hu (LBL), Xuan Li (LANL)



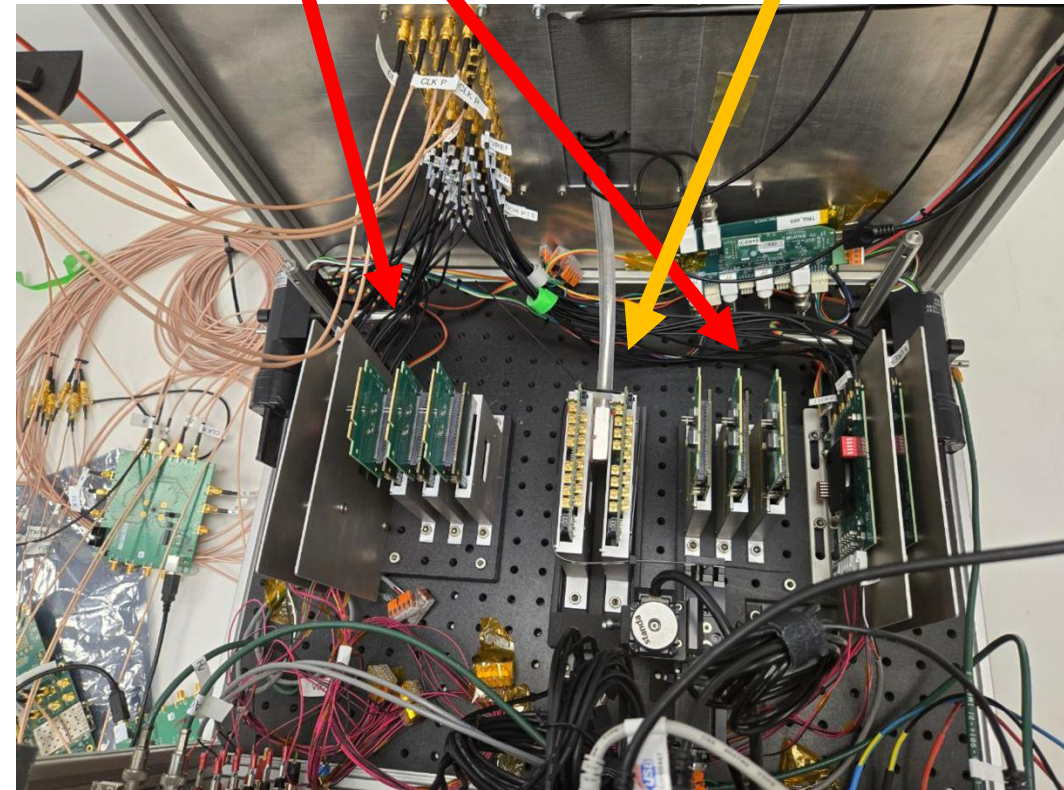
Setup

BabyMOSS noise cleaning

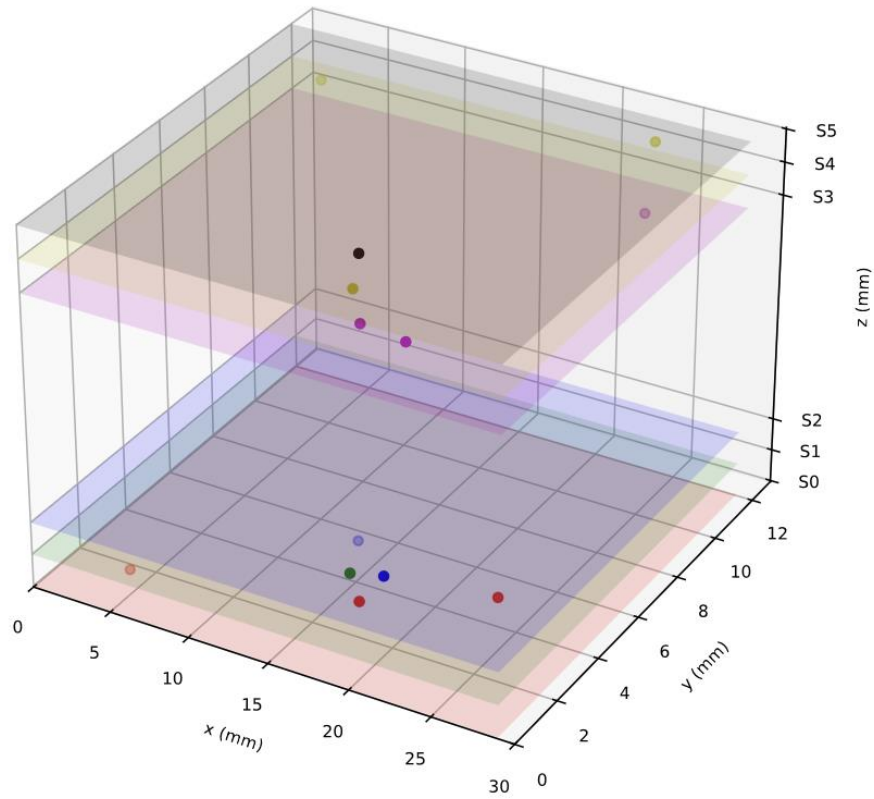


BabyMOSS (MAPS)

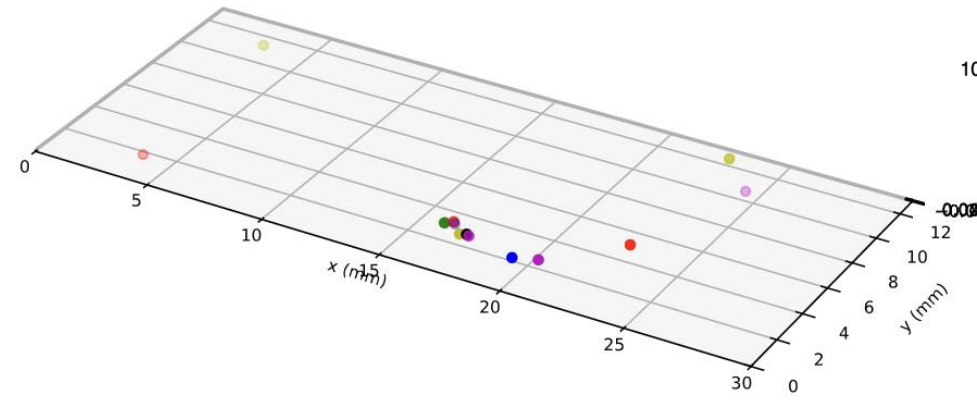
AC-LGAD



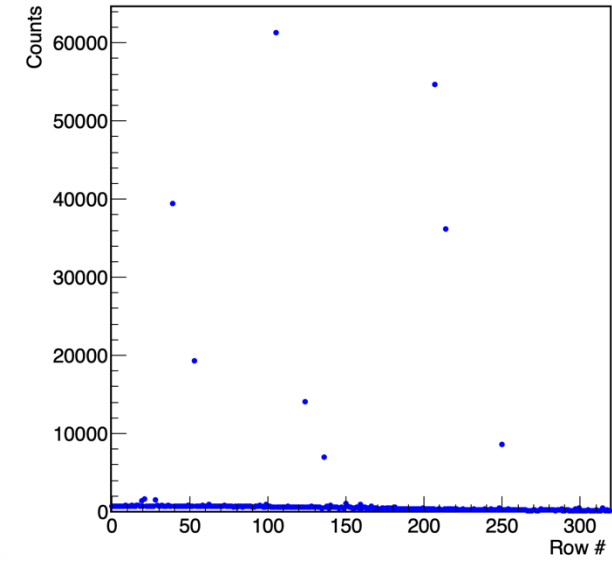
Event display



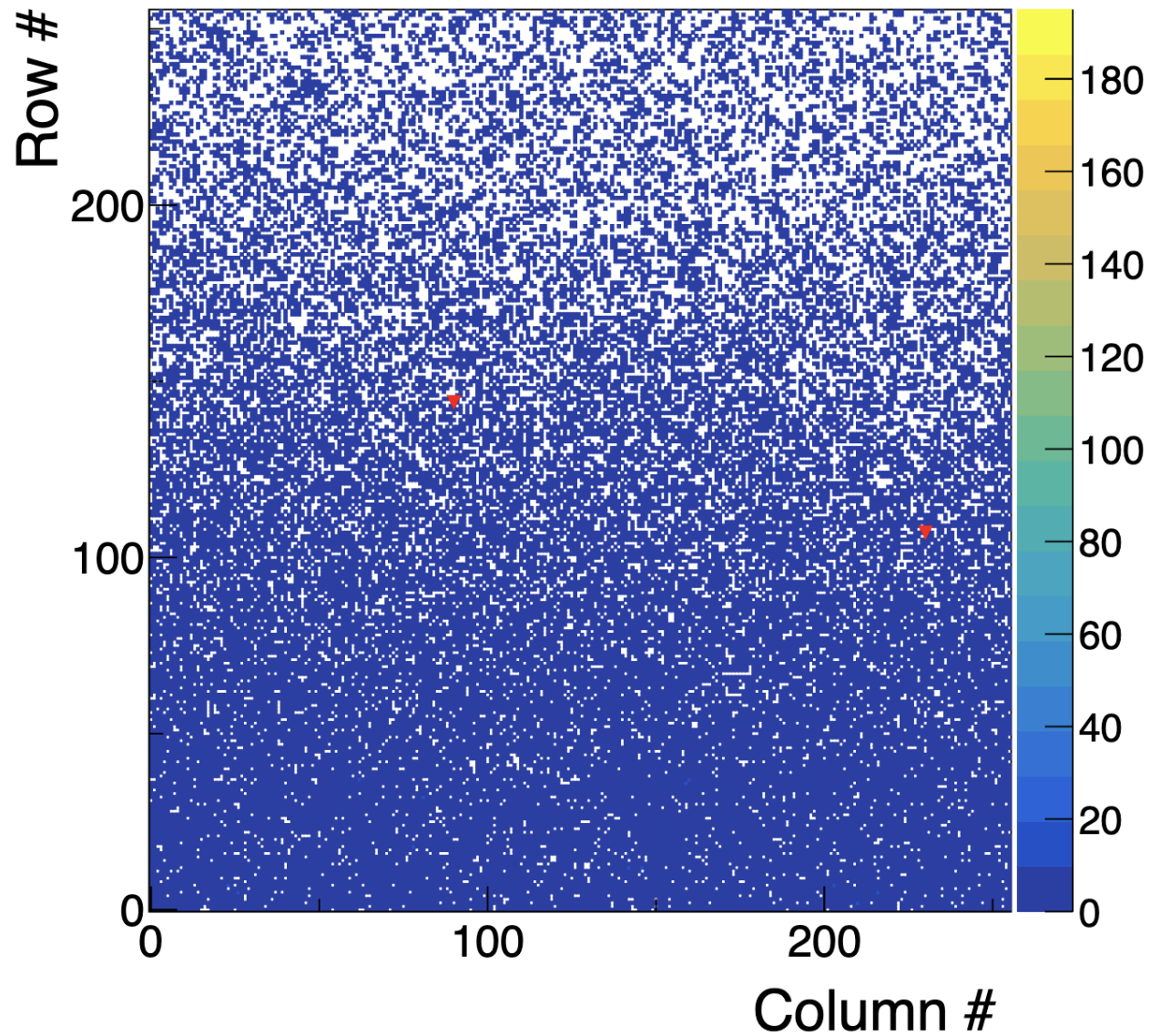
Run 8130532 - Event 2



Hit Row, Layer 0, Half 1, Region 3

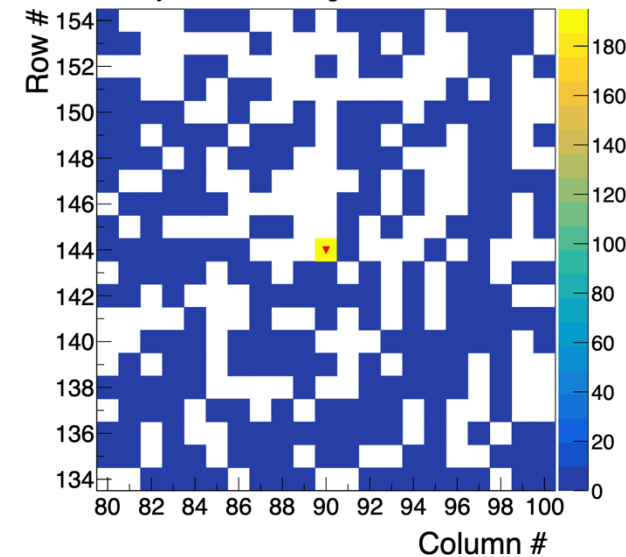


Layer: 1 Half: 0 Region: 0 Peaks: 2

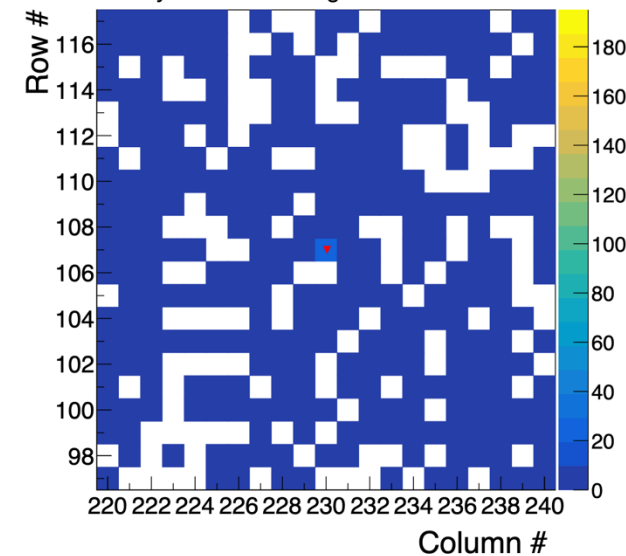


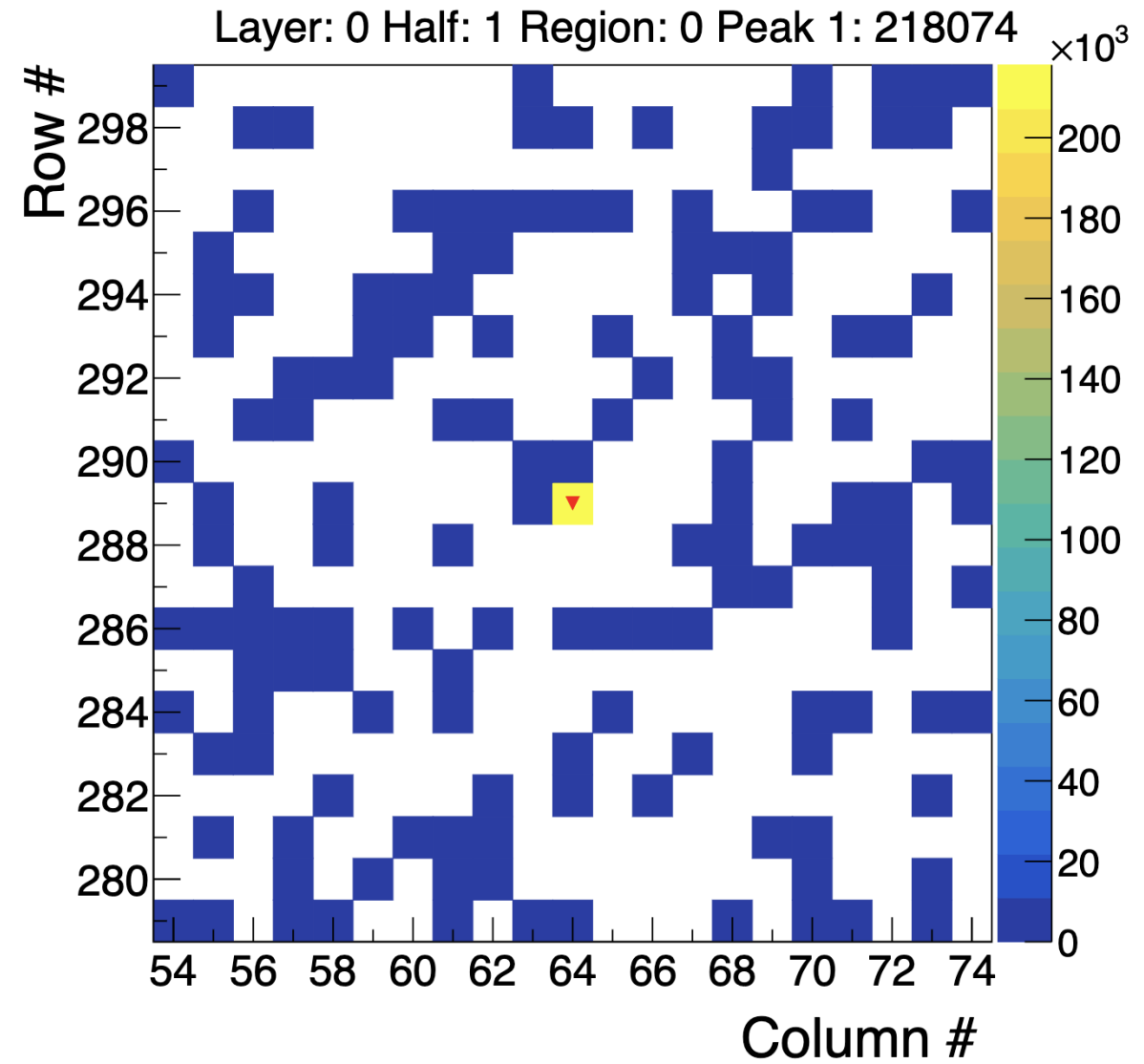
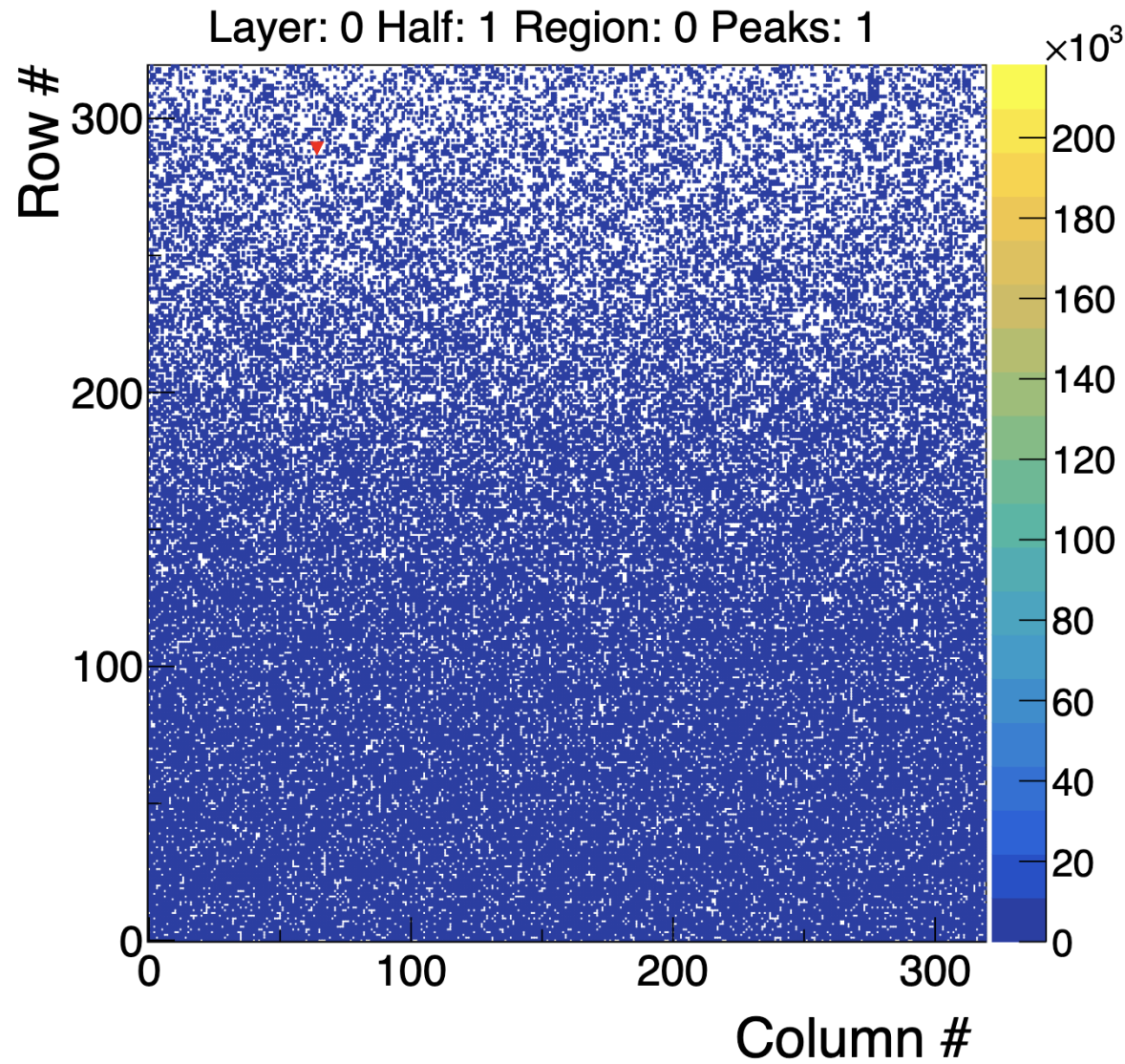
9/3/2025

Layer: 1 Half: 0 Region: 0 Peak 1: 195



Layer: 1 Half: 0 Region: 0 Peak 2: 27





Summary



- Data for the BabyMOSS (MAPS) sensors are shared by LBL
- Data show some noisy pixels
- The first iteration across all 6 stations showed quite a number of noisy pixels that have been identified