

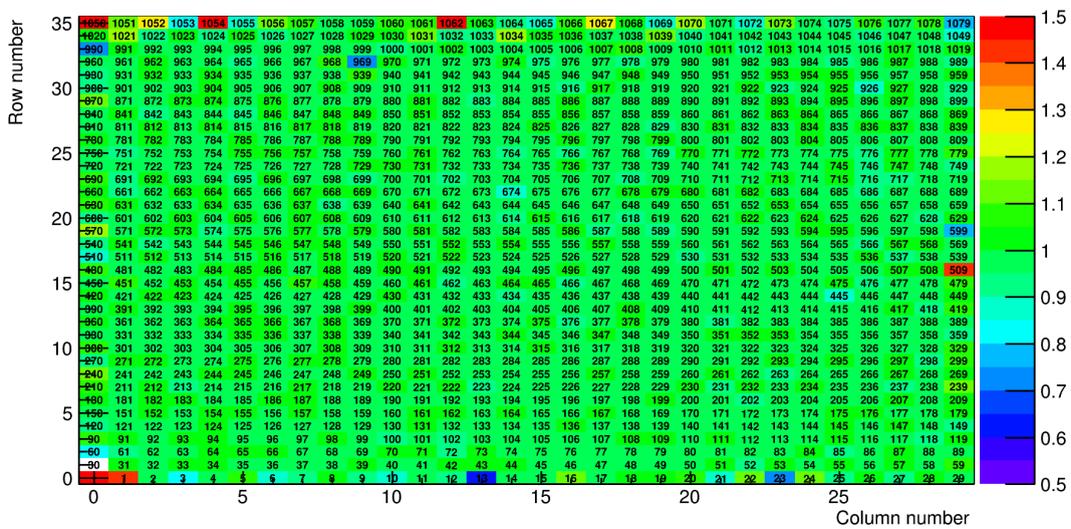


# 3rd elastic calibration

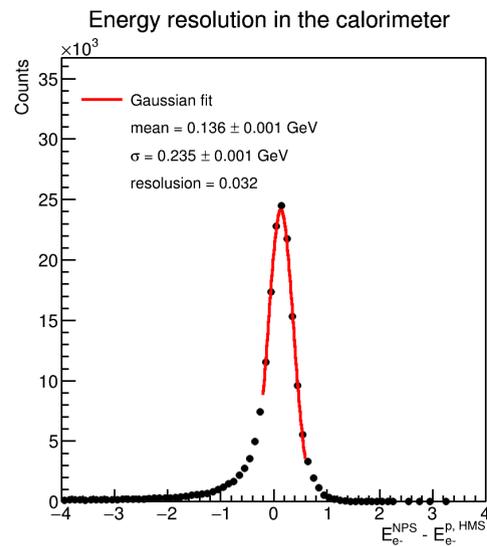
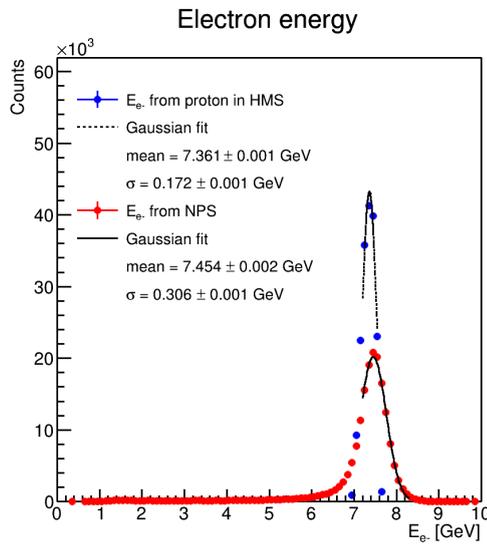
Date	@10/02/2023
Event	Research
Tags	Jab_NPS

Sparse = ON vs. OFF

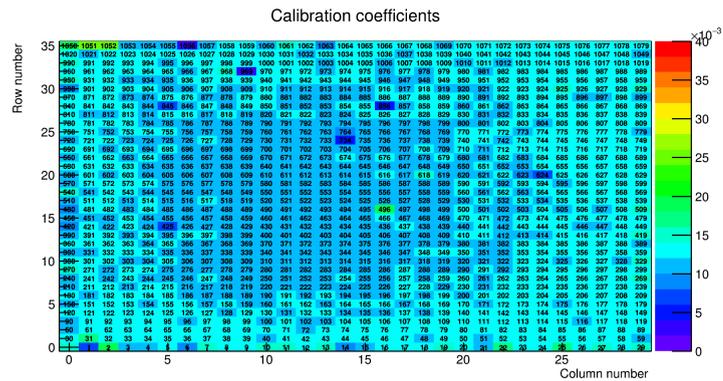
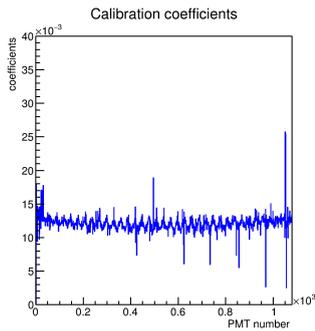
Ratio of coefficients (spON / spOFF)



Energy resolution (with all data taken at Sep.29 & Oct.1)

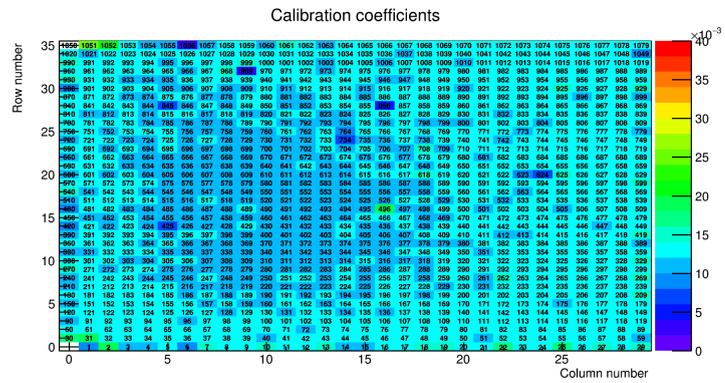
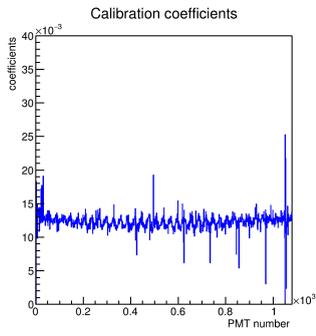


## Coefficients (with all data taken at Sep.29 & Oct.1)

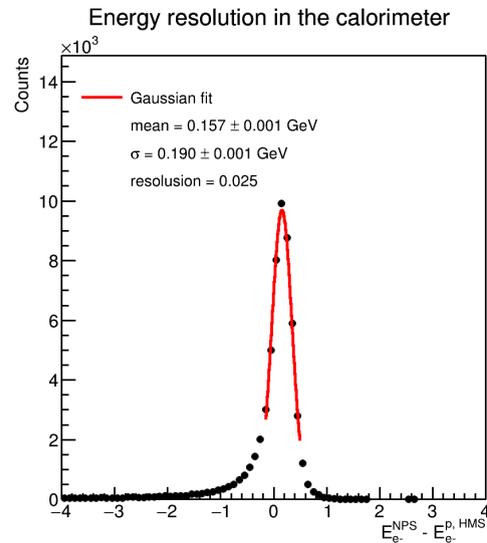
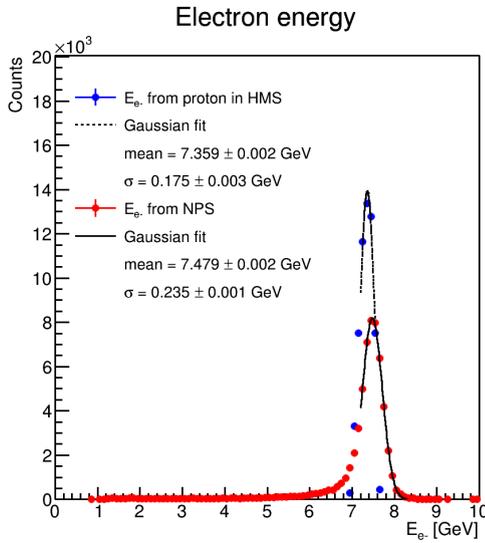


- The temperature of crystals take a long time (~30 hrs.) to be stable after HVs are ON and have an effect on calibration coefficients

## Coefficients (with the data taken after turned on HVs for 12 hrs.)



## Energy resolution (with the data taken after turned on HVs for 12 hrs.)



- Keep the HVs on to have stable temperatures

### ▼ Coefficients changed after cable replacement

Ratio of coefficients (After / (After+Before))

