



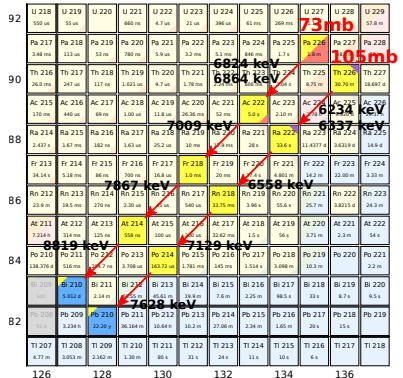
JYVÄSKYLÄN YLIOPISTO
UNIVERSITY OF JYVÄSKYLÄ



Calibration Run

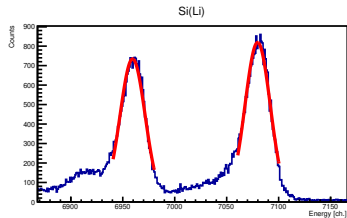
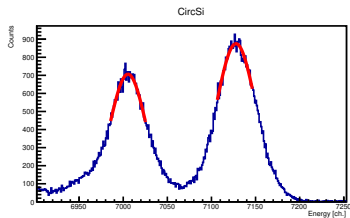
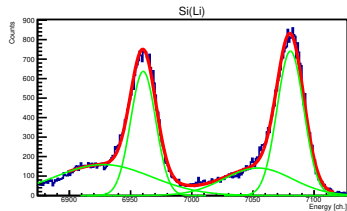
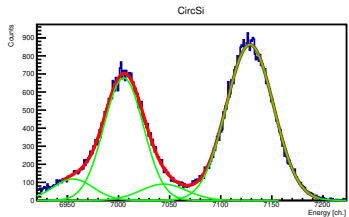
MASS 226 - Run 243

- 18.37 → 23.29
~ 4h.50m
- Beam Gate 5400s - 25 % off.
67.5 m beam/cycle





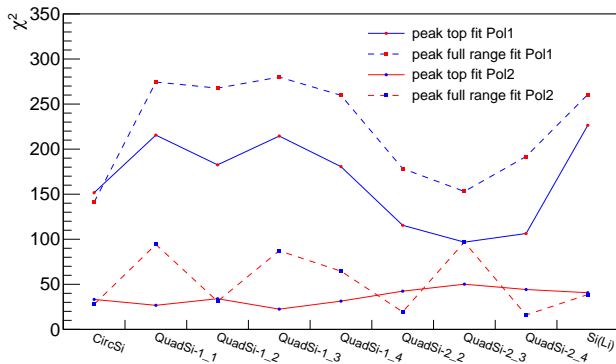
Peak Fitting





Calibration Fitting

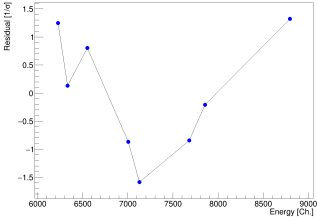
Two Fitting methods → Pol1 - Pol2



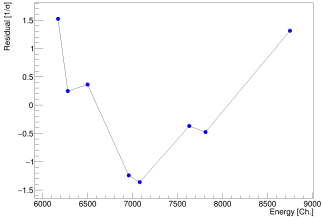


Calibration Fitting

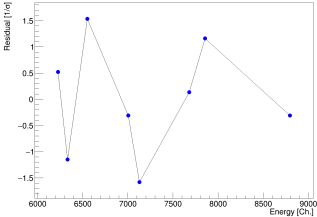
Pol1 Fit



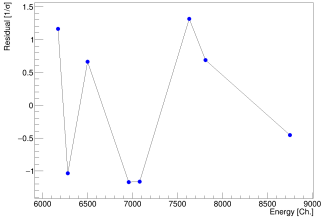
Pol1 Fit



Pol2 Fit



Pol2 Fit





Low Energy Problem?

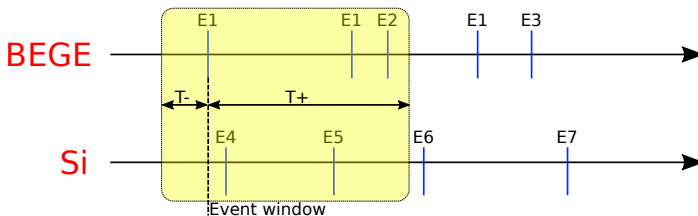
Inside the energy range 6000 keV - 9000 keV
the two calibration are in good agreement.

LOW ENERGY?

Event at 214 ch. in SiLi detector \rightarrow ~ 253 keV (Pol1) - ~ 621 keV (Pol2)



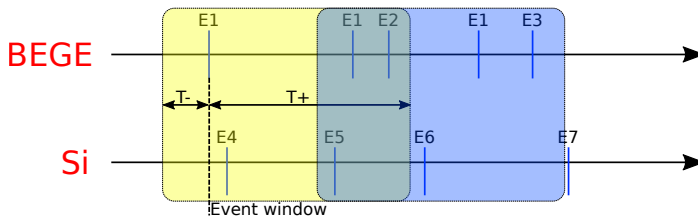
Event Builder



E1 is the trigger



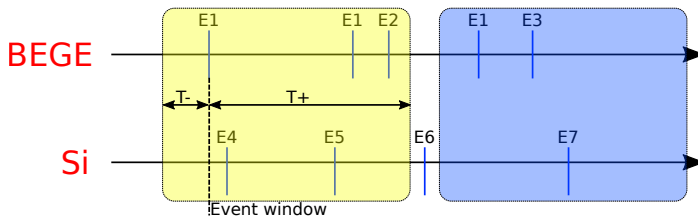
Event Builder



E1 is the trigger



Event Builder



E1 is the trigger