

Detectors:
Beam detector (MWPC+ToF)
Telescope 1 (Left)
Telescope 2 (Right)
Telescope 3
Telescope 4

ND = neutron = stilbene
Gadast
Neurad

Stations:
Single-sided Si
Double-sided Si
One MWPC station
Crystal array (Csl, LaBr, full Neurad)
One ToF station

Calibration run

[stop previous run;]
configure detector and
electronics for a calibration run;
write setup configuration file
accordingly;
start run — obtain calibration
data — stop run;
perform calibration data
analysis and produce

calibration file;

[configure detector and
electronics for the next
(physics) run;]
[write setup configuration file
accordingly;]

Simulation:
Geant4 Eloss → ProcessHits() →
[DIGITIZATION] → Edep

Experimental data analysis:
DetMessage → **[CALIBRATION]** →
CalDetMessage ~ Edep

