

POCC activities

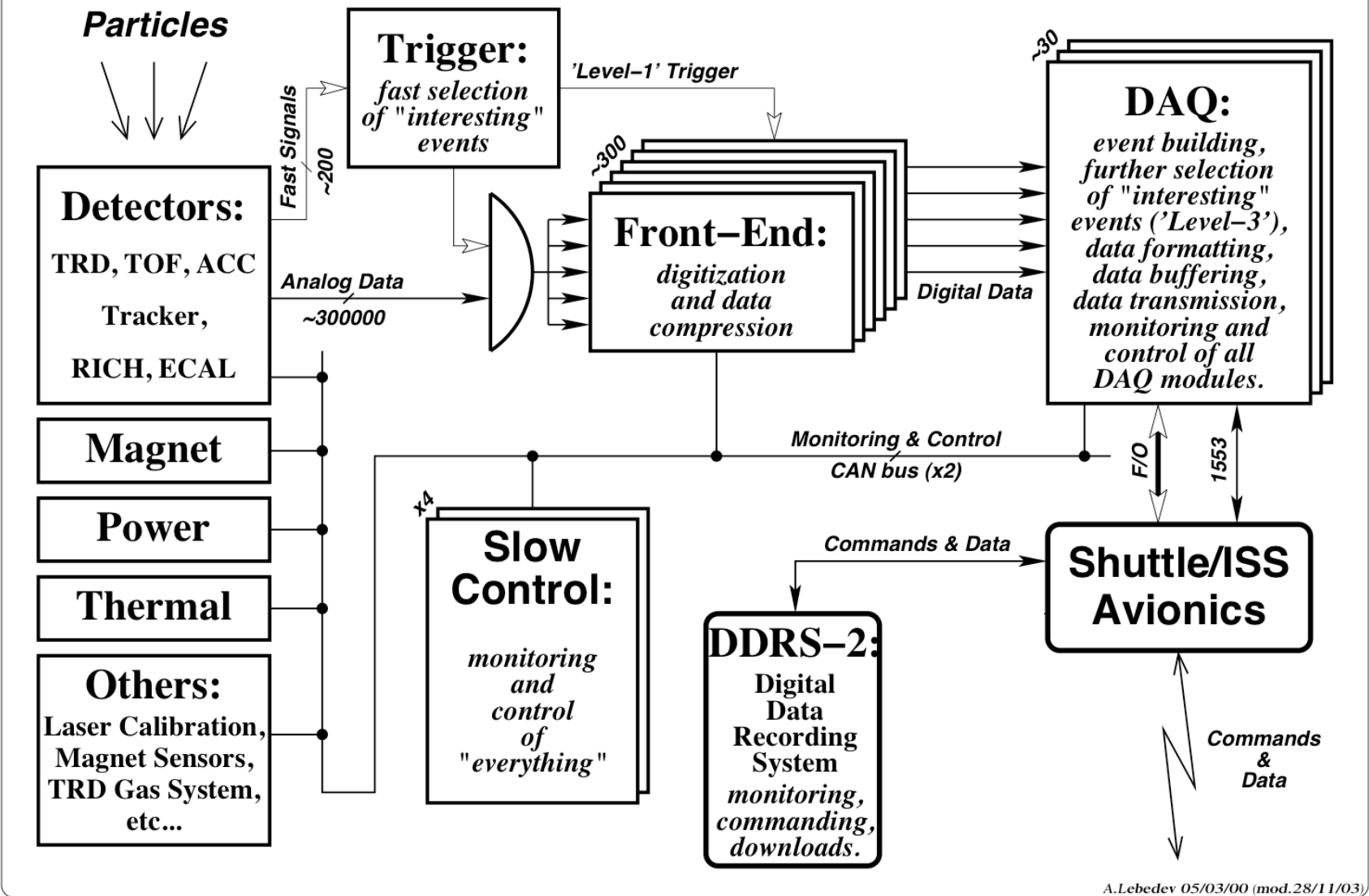
AMS02 meeting at KSC

October 11th 2010

main goals

- finalize sub-system operations
- finalize DAQ operations
- finalize system operations
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AMS-2 DAQ Overview



main goals

- finalize sub-system operations
- finalize DAQ operations
- finalize system operations
- finalize monitoring tools
- data taking for subdetector studies
- data taking for system studies

finalize sub-system operations data taking for subdetector studies

- TOF: scan of thresholds
- TRD: trigger delay scan
- Tracker: thresholds optimization (event size)
- RICH: PMT gain calibration
- ECAL: verify behavior with both power on (A & B)
- ...

Flight hardware needed

finalize DAQ operations

- JBUX
- Modification of startup and power steps for using command files.
- New DAQ and TAS run procedures by using command files
- Automatic restart DAQ when event mismatch
- Level-3 trigger and data compression
- ...

FS and Flight hardware needed

finalize system operations

- Modification of UG task
- GPS task
- TTCS tasks
- Star Tracker task
- On-board temperature monitor task
- ...

FS and Flight hardware needed

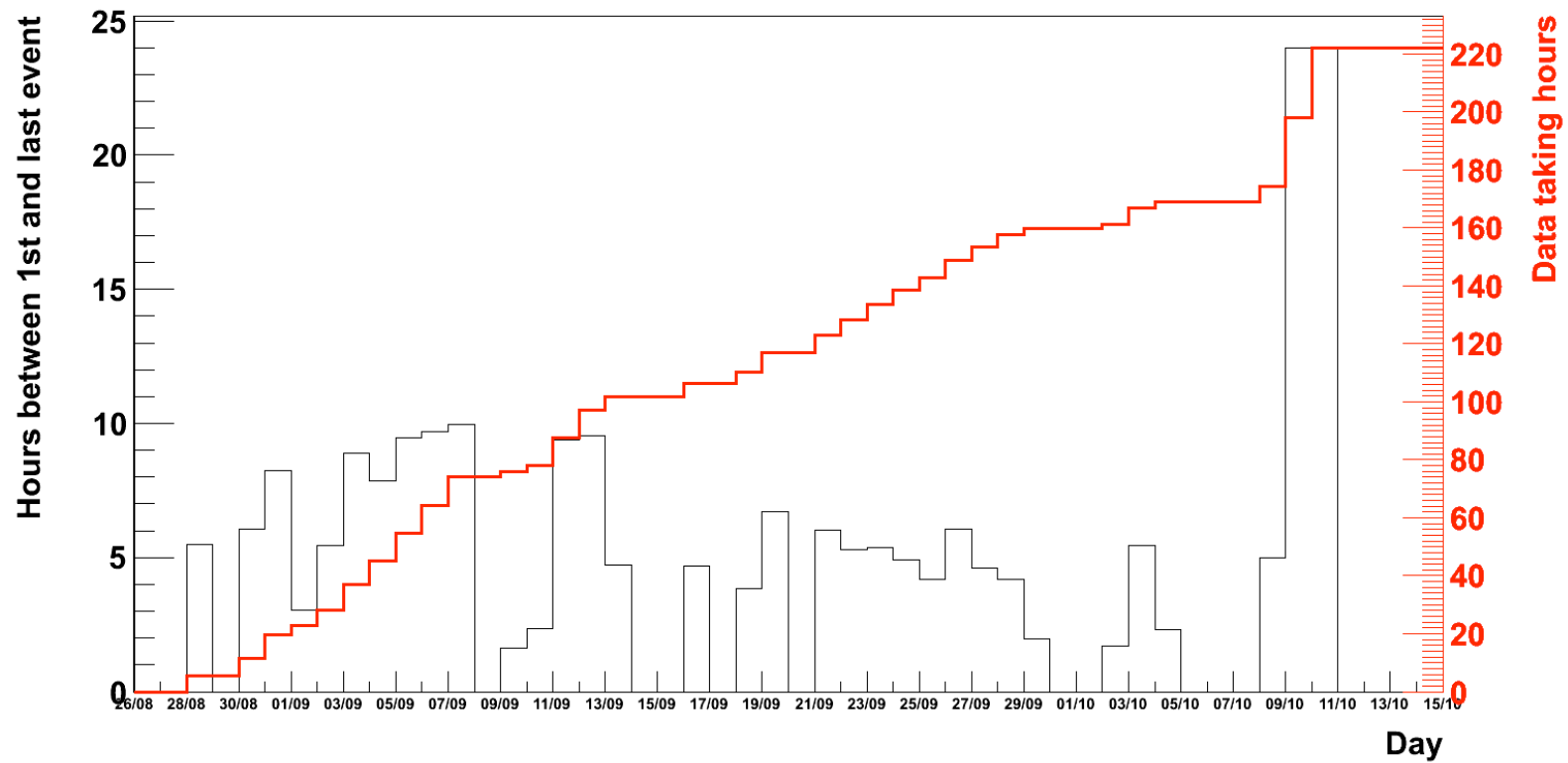
finalize monitoring tools

- work is in progress on subsystems
- new monitoring ready in 6-7 weeks
- general test before the end of November
- Critical Health Data ...

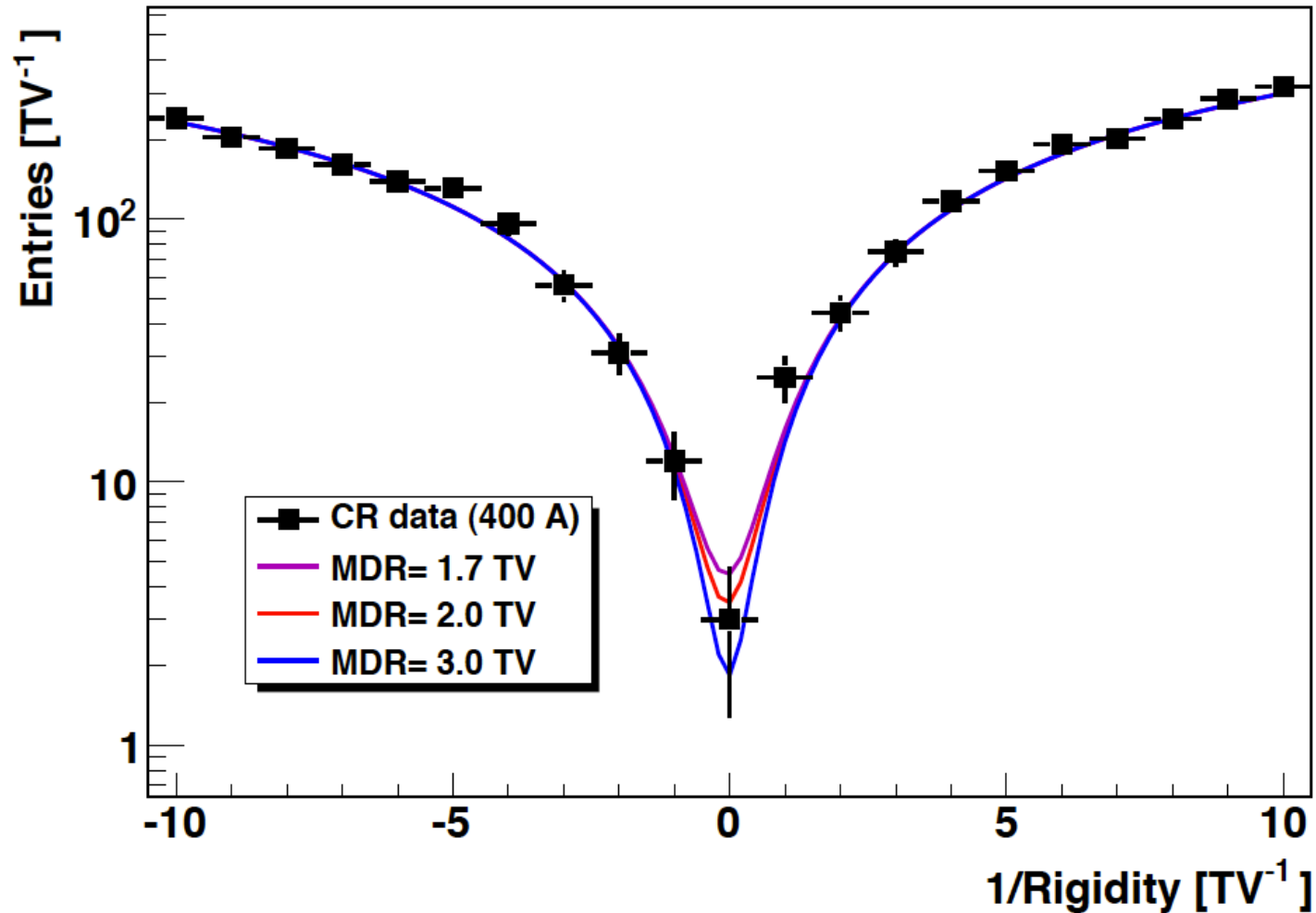
data taking for system studies

- long term performance of the system
- MDR verification
- muon flux measurement

collected statistics at KSC



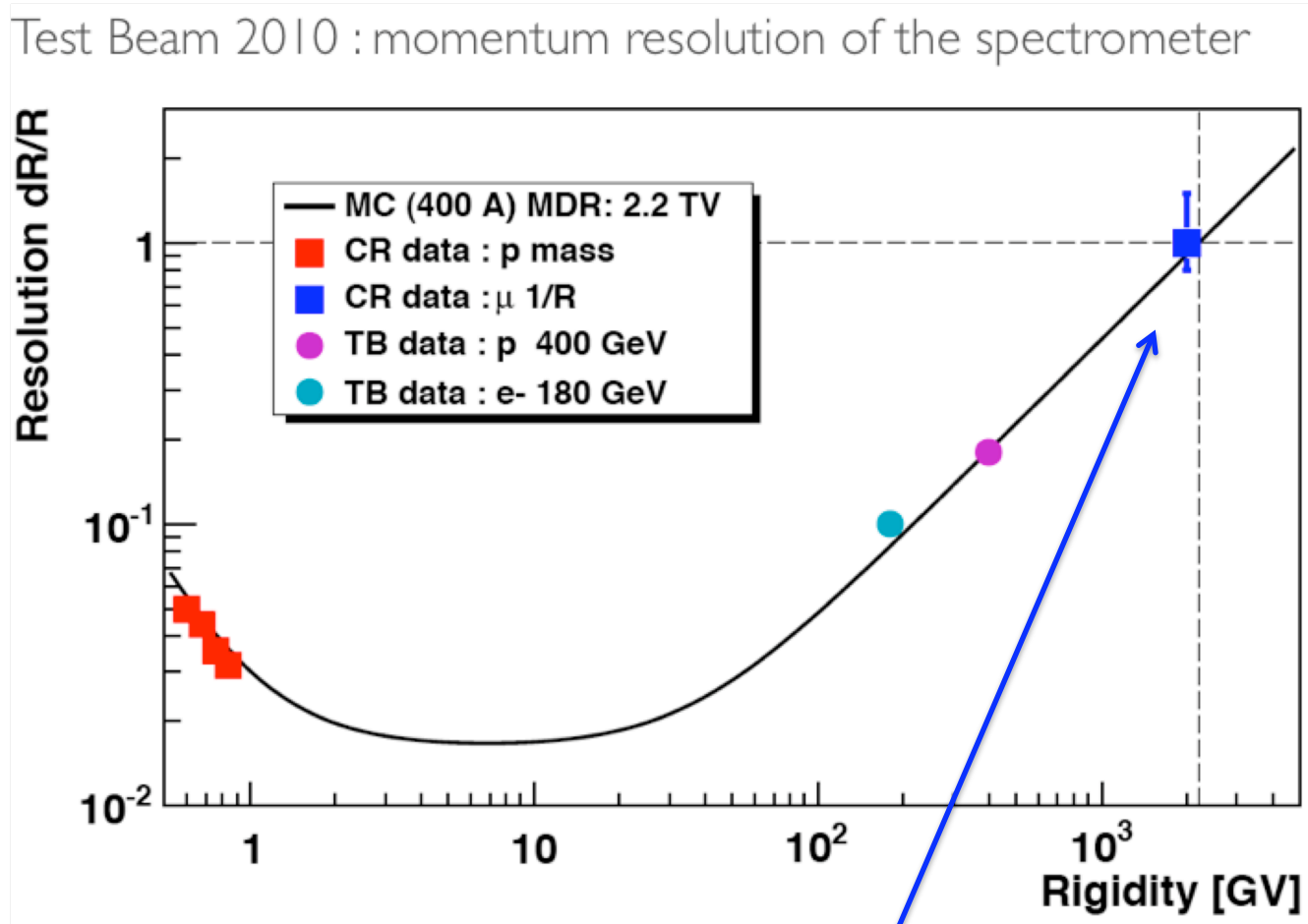
the measurement



→ 30 h data AMS02-SCM @ CERN

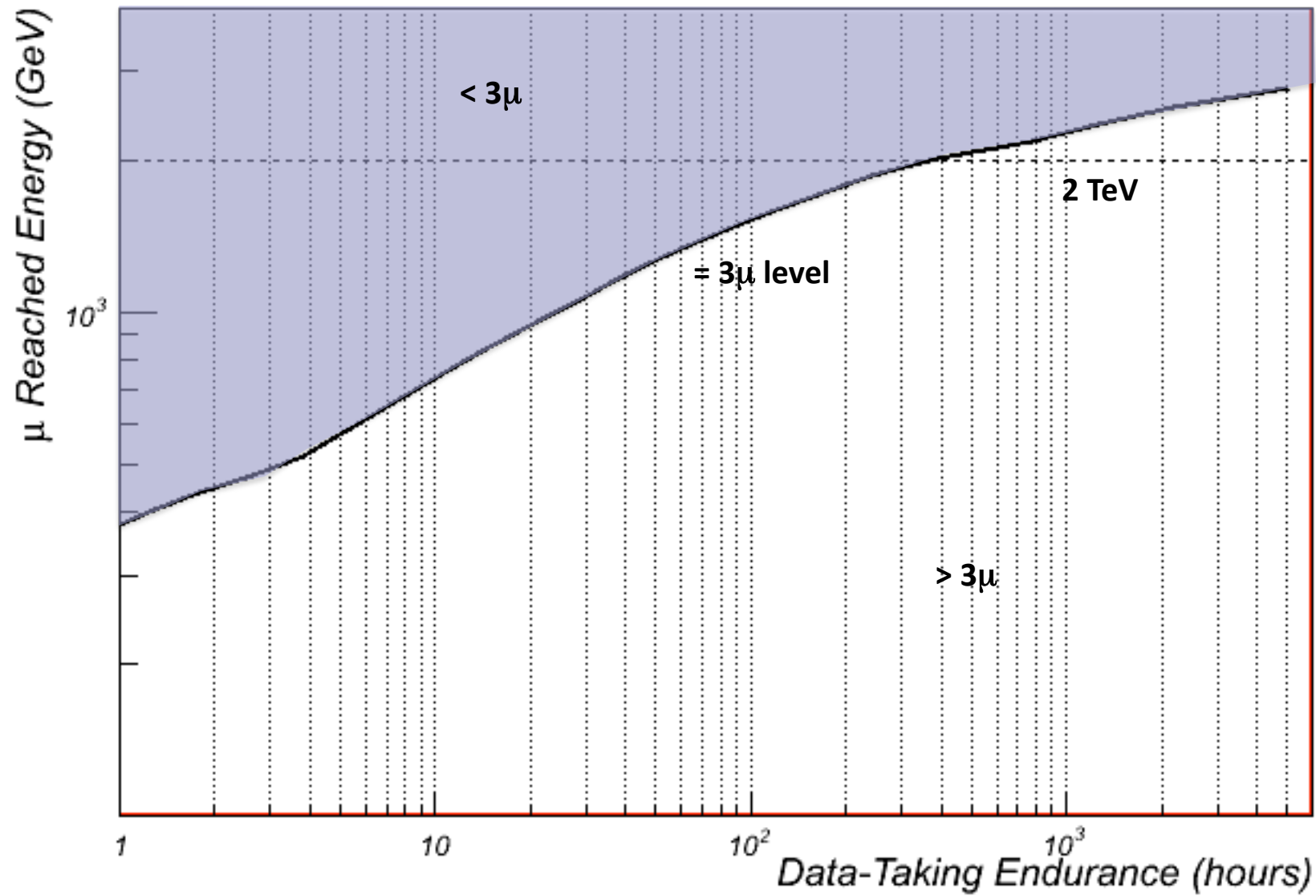
→ Considering the acceptance ratios SCM/PM ~ 10 , we roughly need 300 h

the use of the data



→ 30 h data AMS02-SCM @ CERN

Statistics Needed



AMS POCC for ISS

