

1. Determination of the noise threshold of the detectors
2. Recording a pulse height spectrum
  - (a) Determination of suitable thresholds for muons and electrons/positrons
  - (b) Calibrating the pulse heights of the individual modules
3. Determination of the efficiency of the individual detector modules
4. Determination of the lifetime of the muon
5. Proof of the precession of the muon spin in the magnetic field and determination of the statistical significance