M13 Beam Test

Measurements of beam properties:

- x, y, dx, dy, rf tof, decay times, pulse heights

Devices:

- 1 or 2 WC (x-y fast chambers) with PCOS readout
- up to 4 scintillators (2 thin for muons, 2 for positrons)

Data:

- hits from 4 wire planes from PCOS camac interface
- 2 camac TDCs: 1 LRS4208 (8ch), 1 LRS 2228 (8ch)
- 2 camac ADCs: LRS2249A (12ch each, not all used)

Analysis:

- 2d displays of x, y, dx, dy, with tdc and adc cuts
- 2d displays of tdc vs adc, etc
- versatility

M13 μSR Tests

Measurements of muon polarization:

- decay time, rf tof, pulse heights

Devices:

- up to 2 thin scintillators for muons
- up to 6 scintillators for positrons

Data:

- 2 camac TDCs: 1 LRS4208 (8ch), 1 LRS 2228 (8ch)
- 2 camac ADCs: LRS2249A (12ch each, not all used)

Analysis:

- 2d displays of tdcs vs adcs
- 1d displays of time histograms with cuts
- versatility