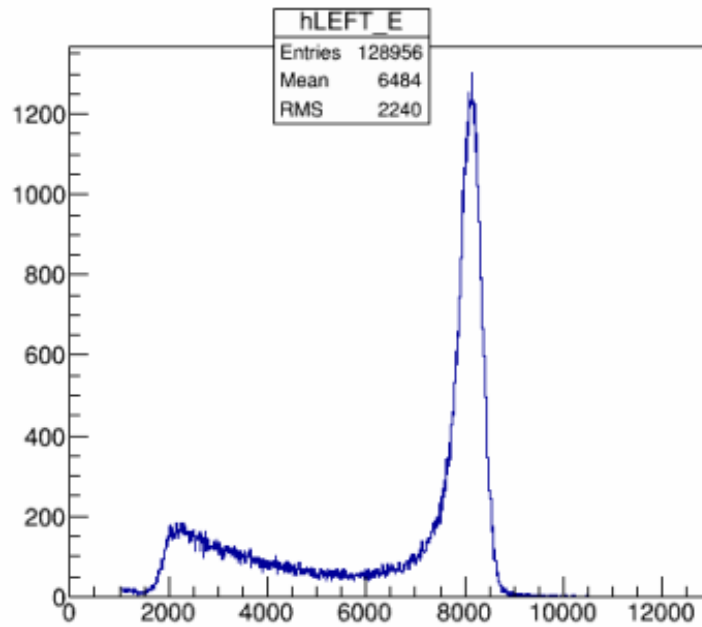
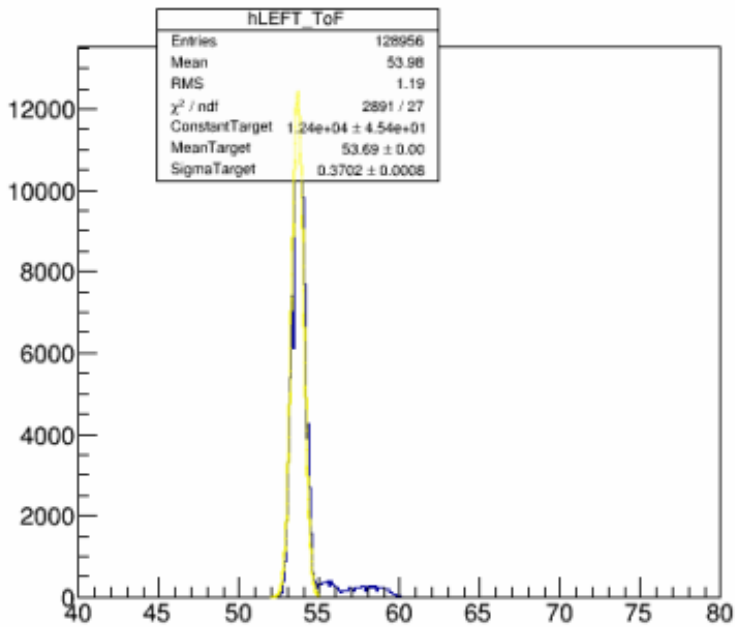


Run 8485 – 1 micron foil

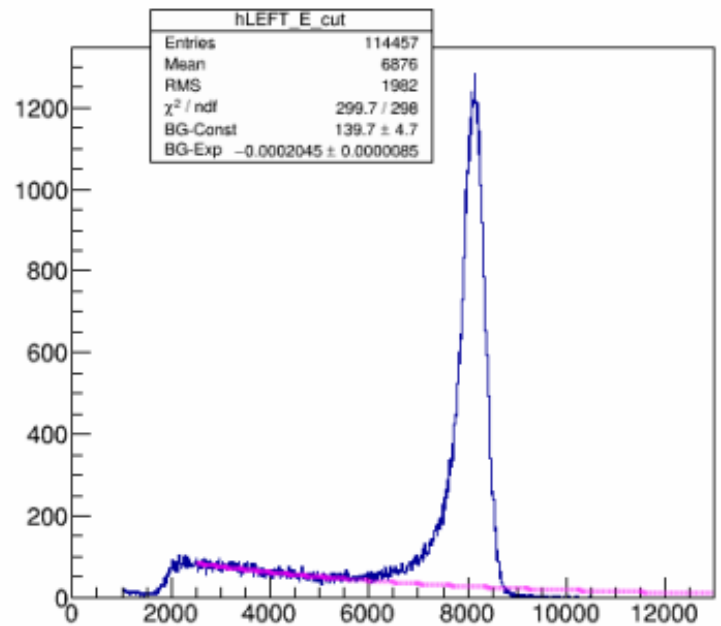
Raw Energy Detector Spectra



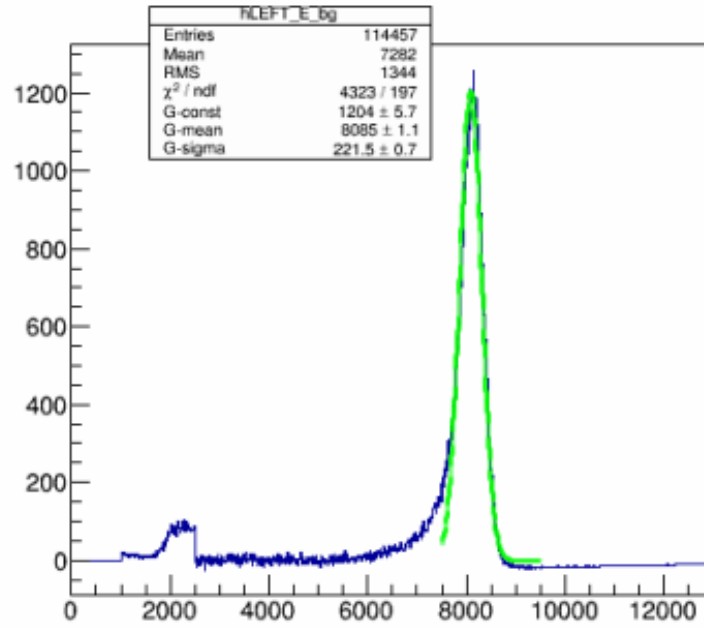
Time-of-flight cut (-2 to +2 sigma)



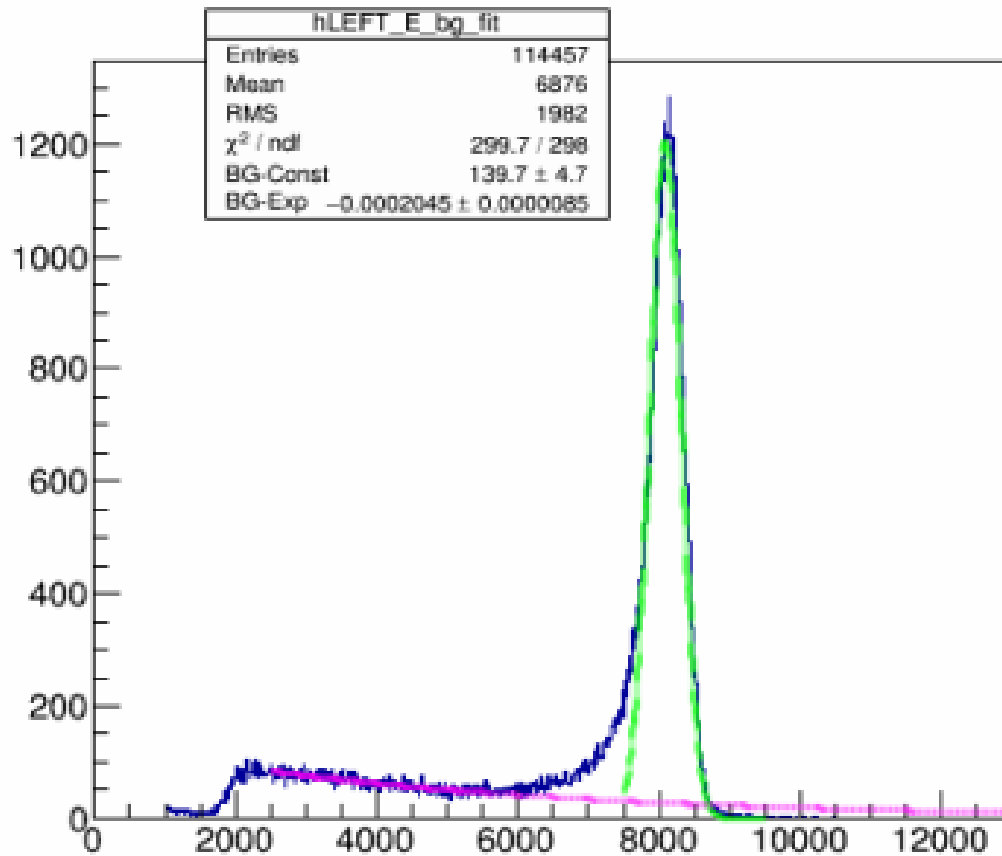
Background fit with exponential, range 2500 to 5500,
Extrapolated to range 2500 to 13000



Background subtracted, elastic peak fit with Gaussian in range 7500 to 9500

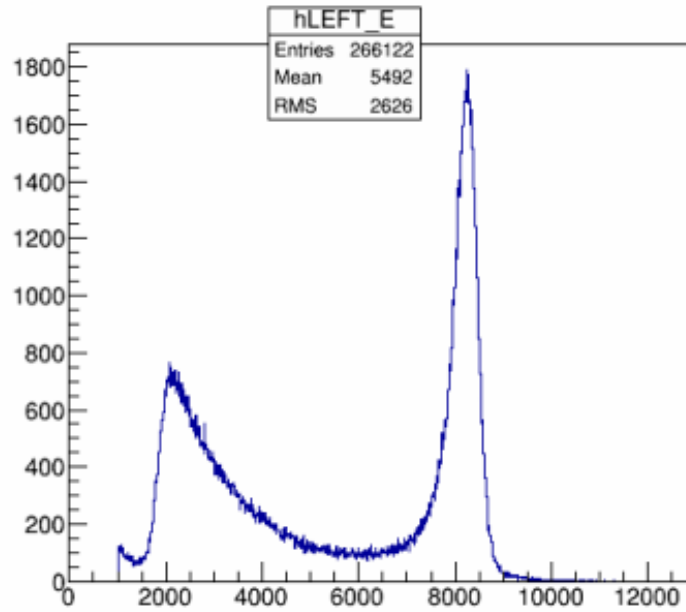


For display purposes, fit of elastic peak and background-fit-extrapolated shown on only ToF-cut spectra

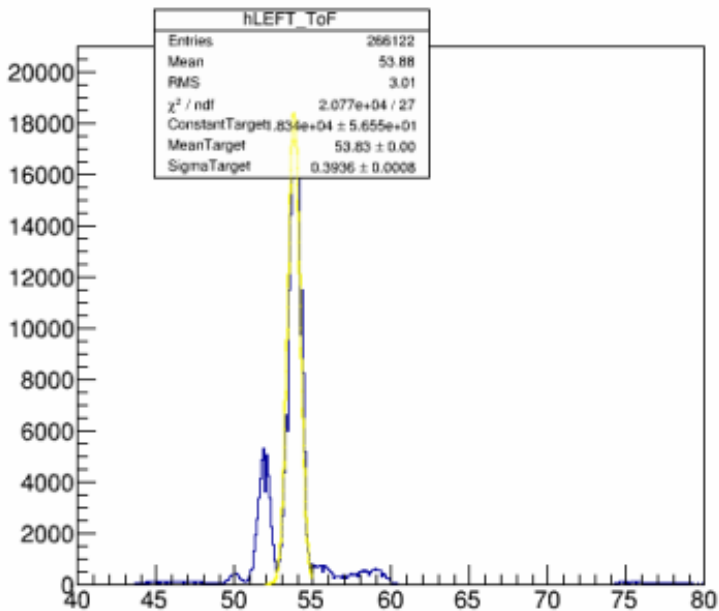


Run 8536 – 50 nm foil TL #12

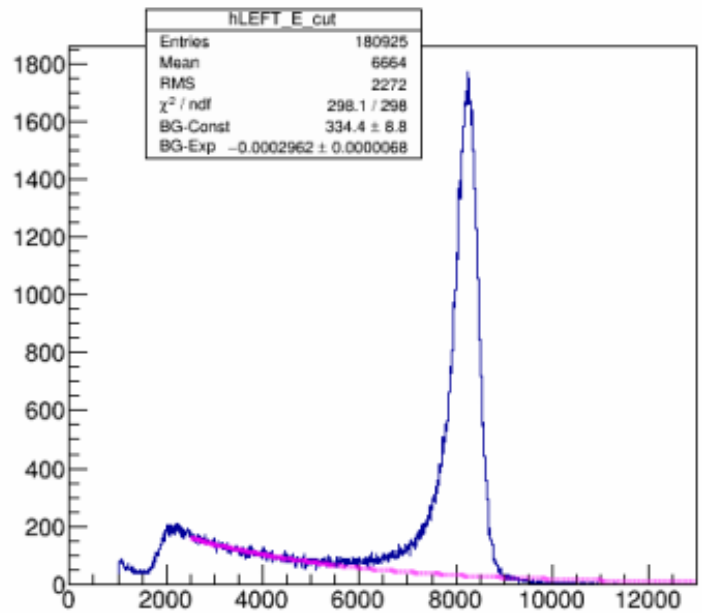
Raw Energy Detector Spectra



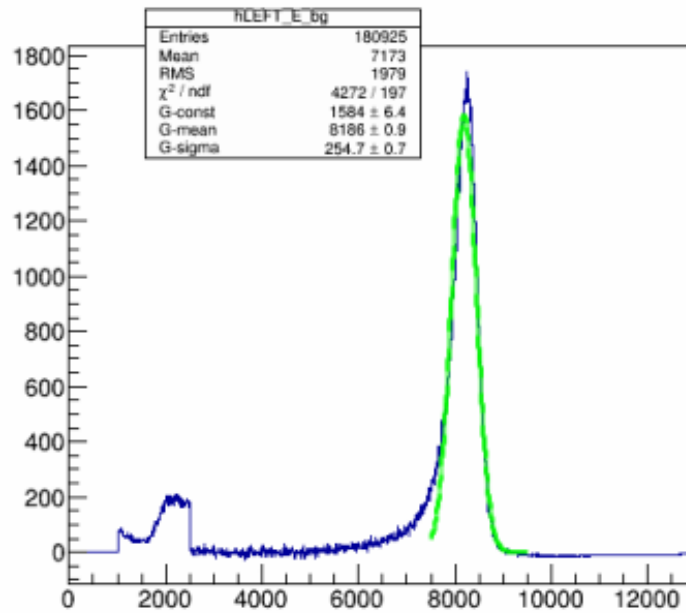
Time-of-flight cut (-2 to +2 sigma)



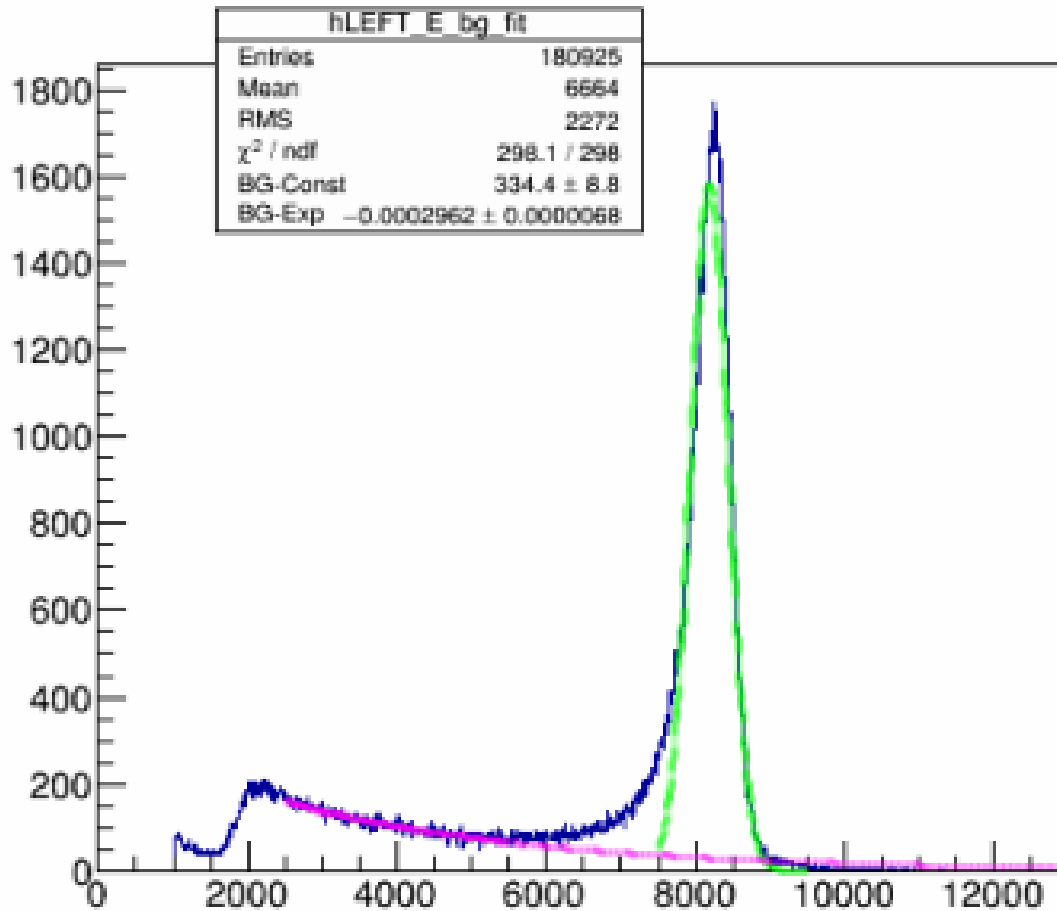
Background fit with exponential, range 2500 to 5500, Extrapolated to range 2500 to 13000



Background subtracted, elastic peak fit with Gaussian in range 7500 to 9500



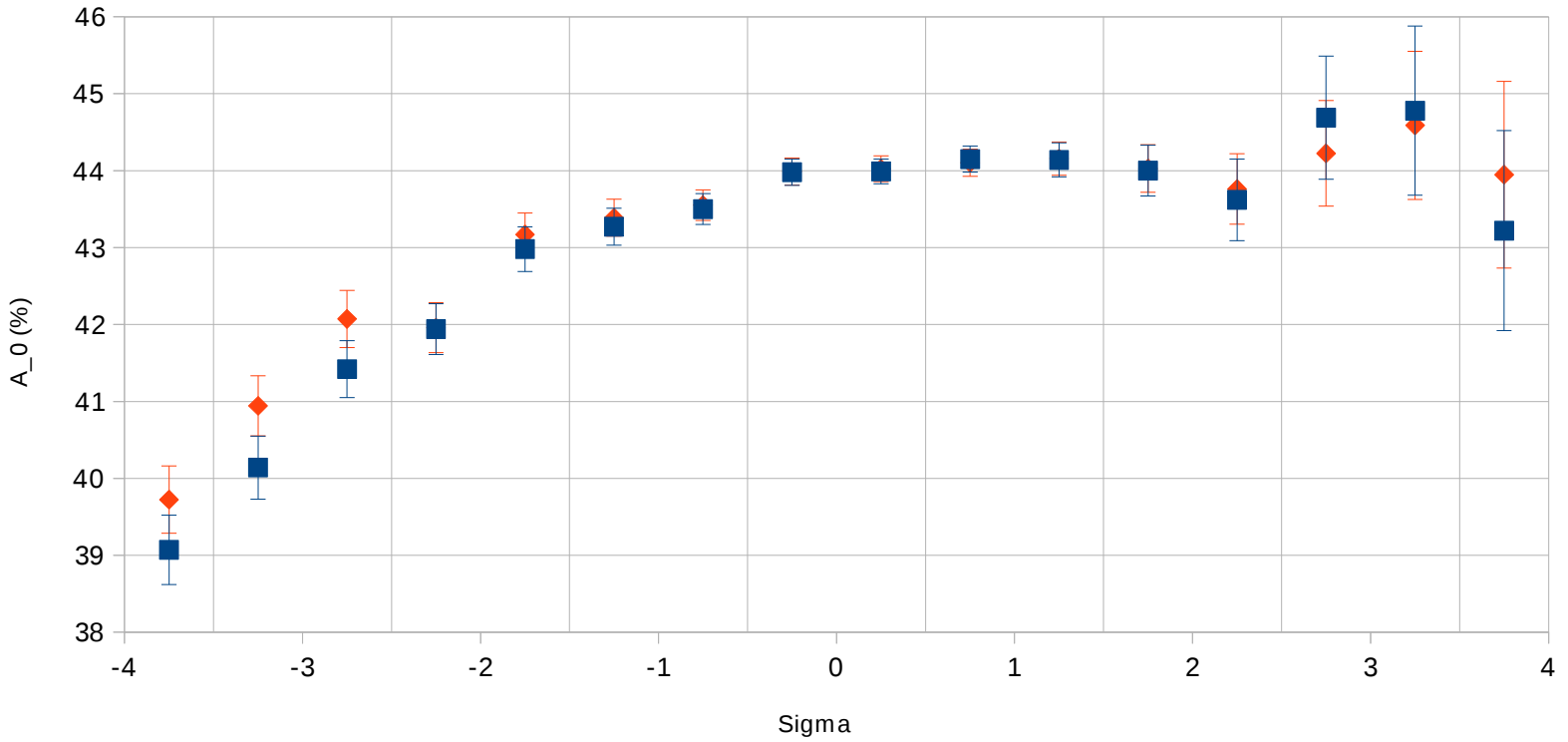
For display purposes, fit of elastic peak and background-fit-extrapolated shown on only ToF-cut spectra



A₀ versus Energy Slice

Background Subtraction vs Not

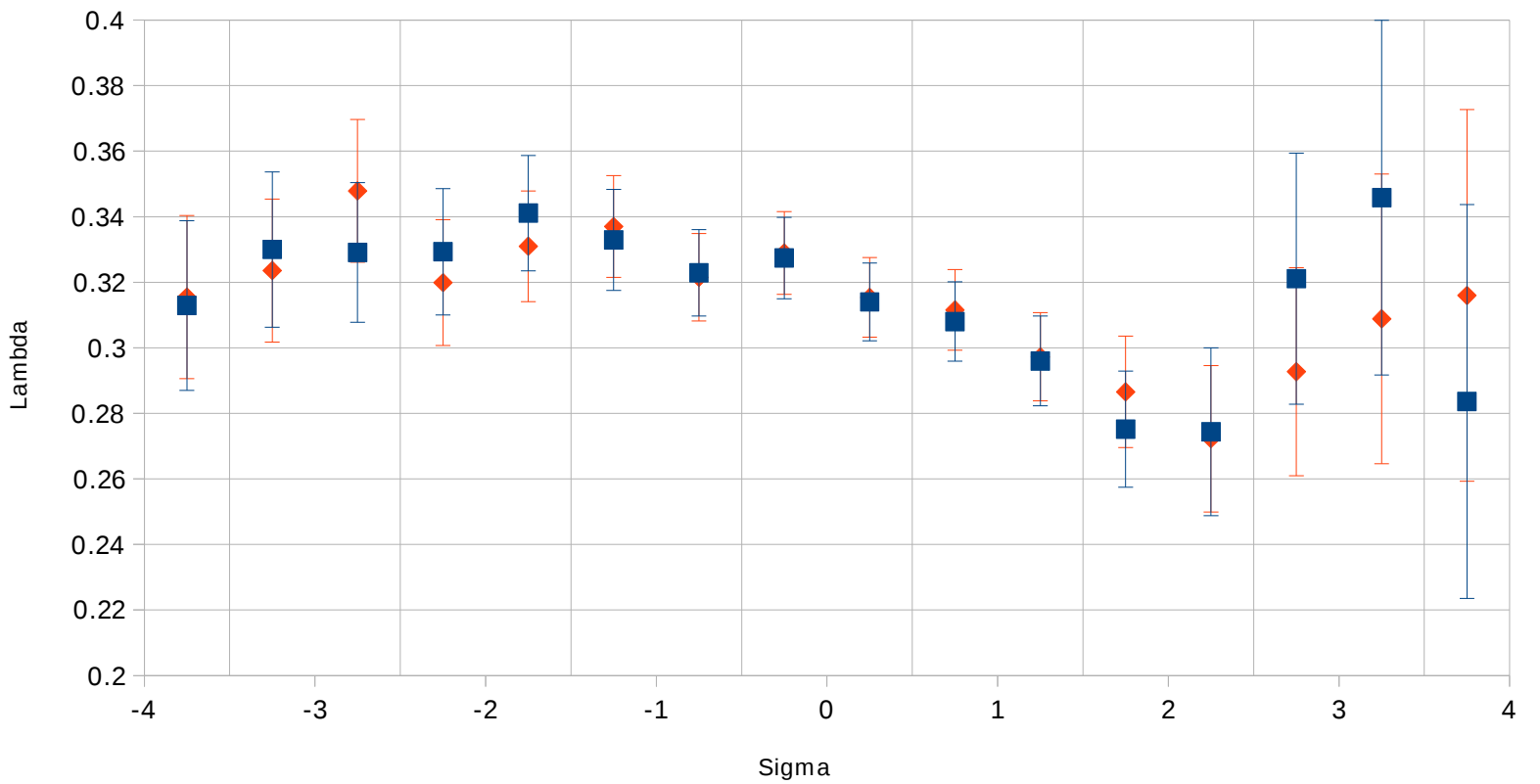
■ No Background Subtraction ◆ Background Subtracted



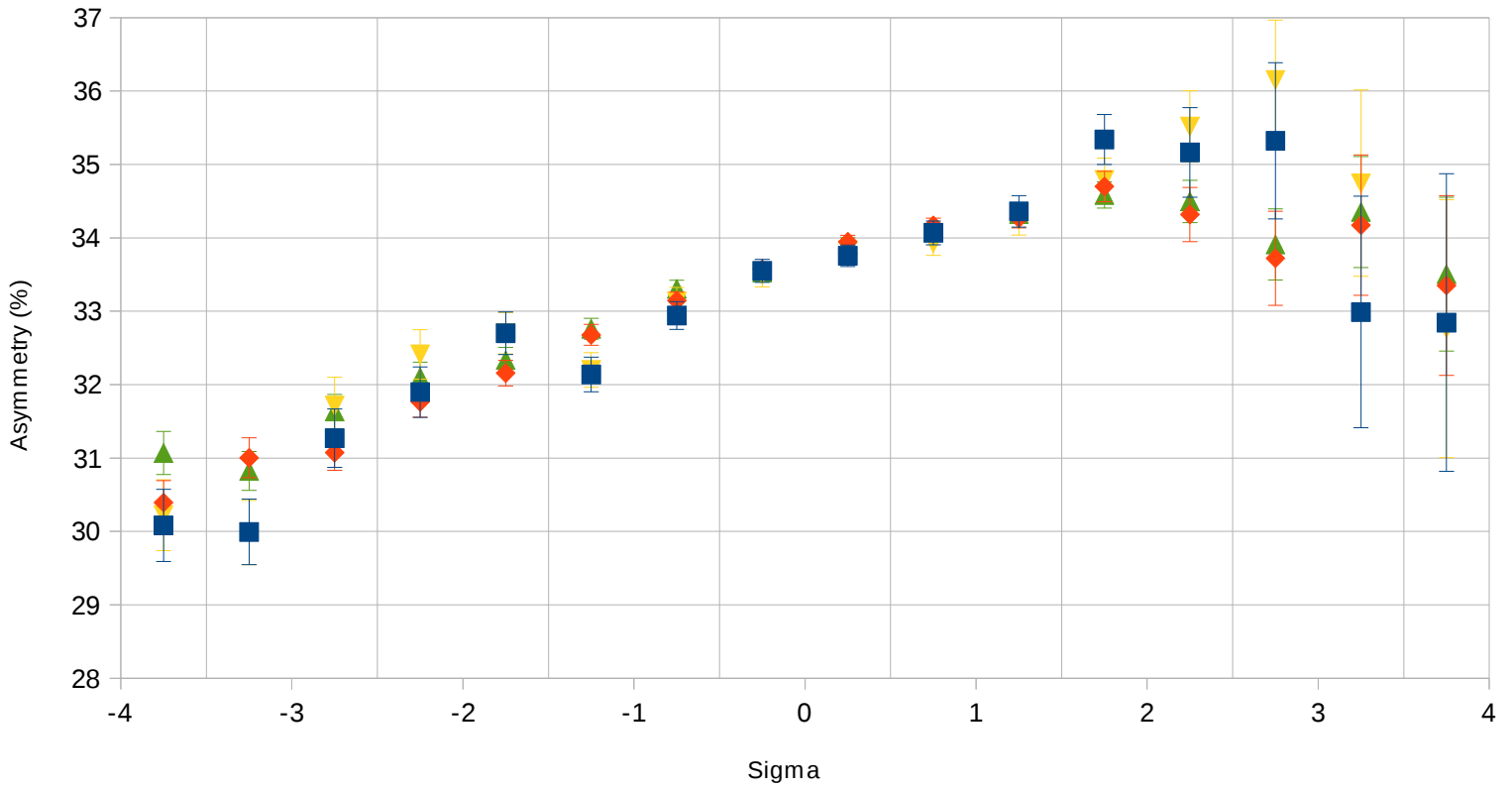
Lambda versus Energy Slice

Background Subtracted vs Not

■ No Background Subtraction ◆ Background Subtracted

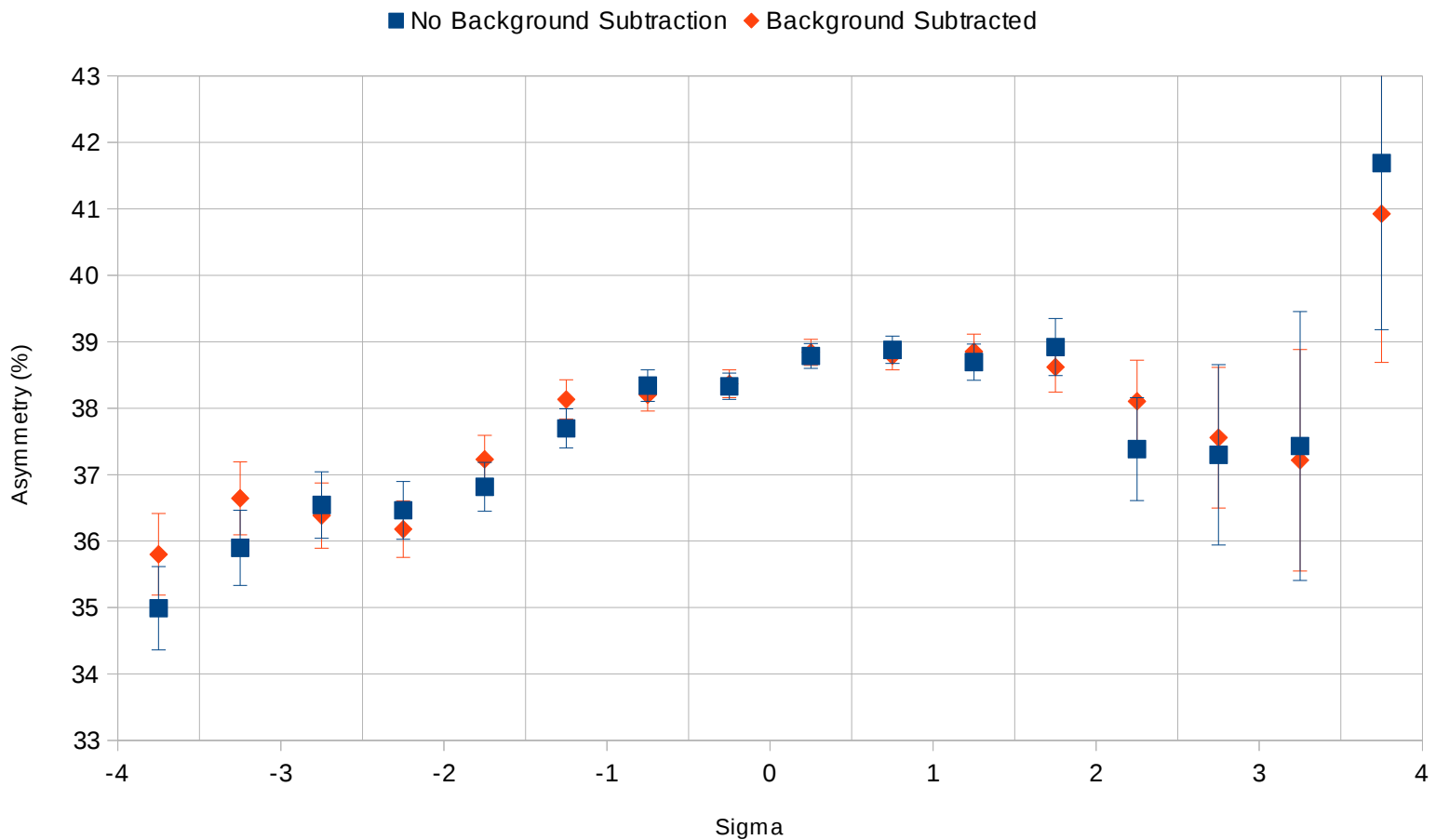


1000 nm Foil vs Energy Slice



- No Background Subtraction
- ◆ No Background Subtraction - Stability
- ▼ Background Subtracted
- ▲ Background Subtracted - Stability

500 nm TL #5 versus Energy Slice



- No Background Subtraction
- ◆ Background Subtracted

50 nm Foil TL #13 versus Energy Slice

■ No Background Subtraction ◆ Background Subtracted

