

uBoone Electronics Response - Recent Pulser Data

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Recent Pulser Data Runs

- Pulser data runs used to measure certain electronics response parameters
- Most recent pulser runs of interest:
 - Run 1072 - before wire bias, FT 2 & 4 not configured
 - Run 1075 - before wire bias, FT 2 & 4 configured
 - Run 1102 - after wire bias
 - Run 1111 - after wire bias, long pulser run
- Focus on run 1111 in this presentation

Pulse Selection

- Cut 1: reject pulses with local baseline > 2600
- Cut 2: require local rms between 0.8 and 100 ADC
- Cut 3: require pulse height between 380 to 850 ADCs
 - Roughly 15 to 25fC
 - Consistent with nominal gain

Fraction of Pulses Selected as Good

Fraction of Injected Pulses Selected as "Good" Vs Channel Number

