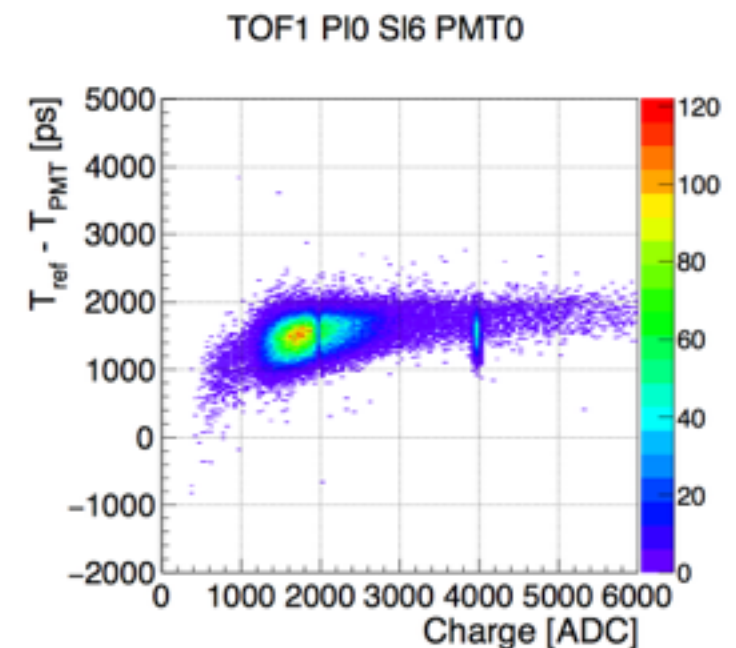
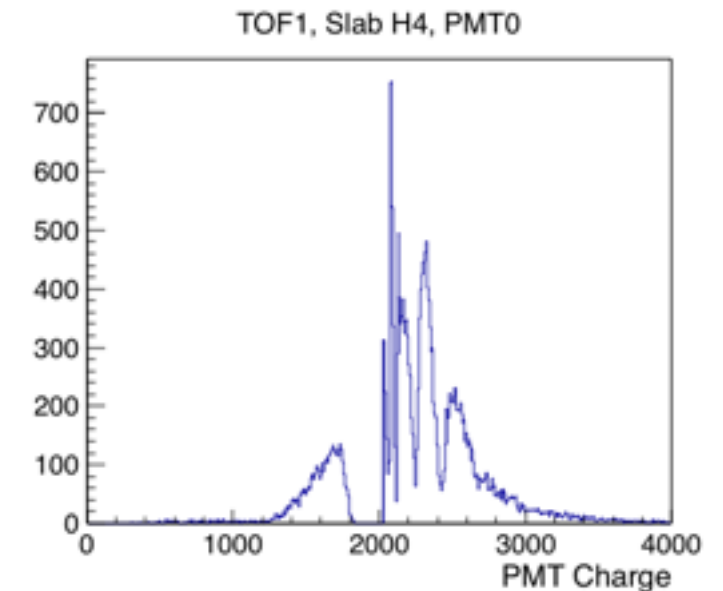


TOF Update - Treatment of Bad Channels

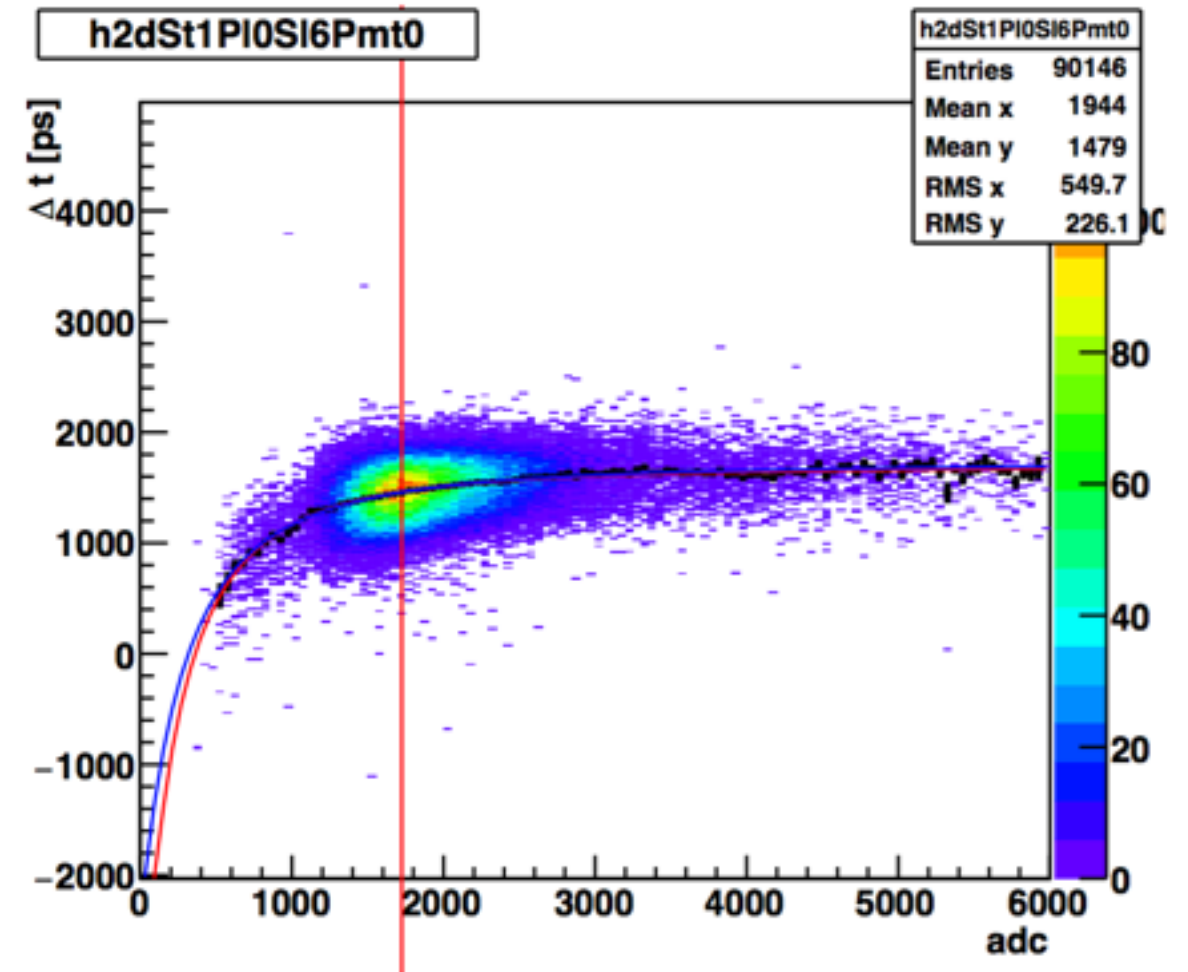
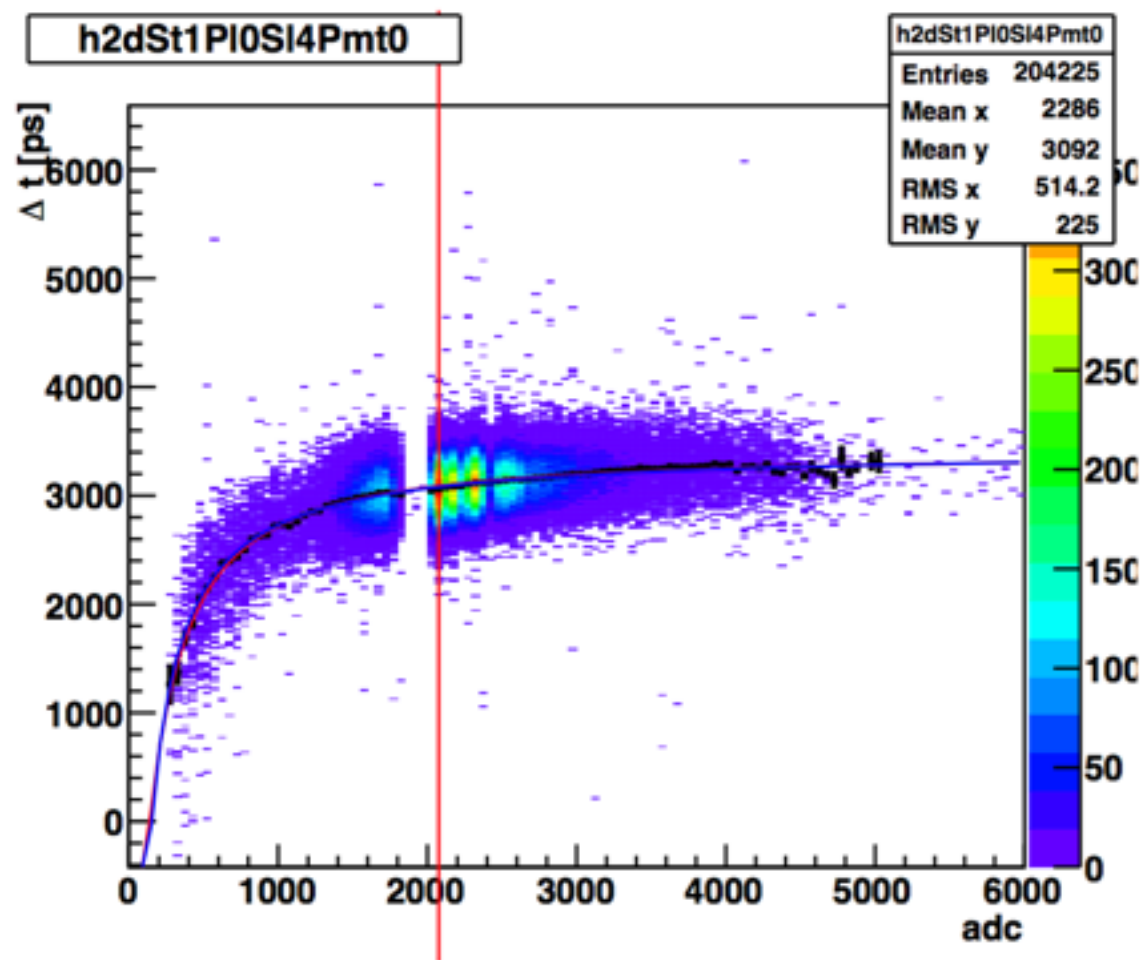
Viktor Pěč, Scott Wilbur
University of Sheffield
May 15, 2018
MICE WS, Warwick

In Short

- 2 TOF1 channels misbehaving
 - TOF1 Plane 0 Slab 4 PMT0
 - TOF1 Plane 0 Slab 6 PMT0
- Implemented calibration with blacklisting 1st channel
- Implemented calibration with correction to ADC of 2nd channel



TW Calibration



- TOF1 Plane 0 Slab 4 PMT0
- Can be possibly TW calibrated
- May be loosing efficiency

- TOF1 Plane 0 Slab 6 PMT0
- Fits nicely after correction to ADC

To Do

- Implement treatment of bad channels in reconstruction algorithms
- Do Trigger time (TOF1) and T0 (TOF0, TOF2) calibrations with new TW correction
- Implement polynomial TW correction