

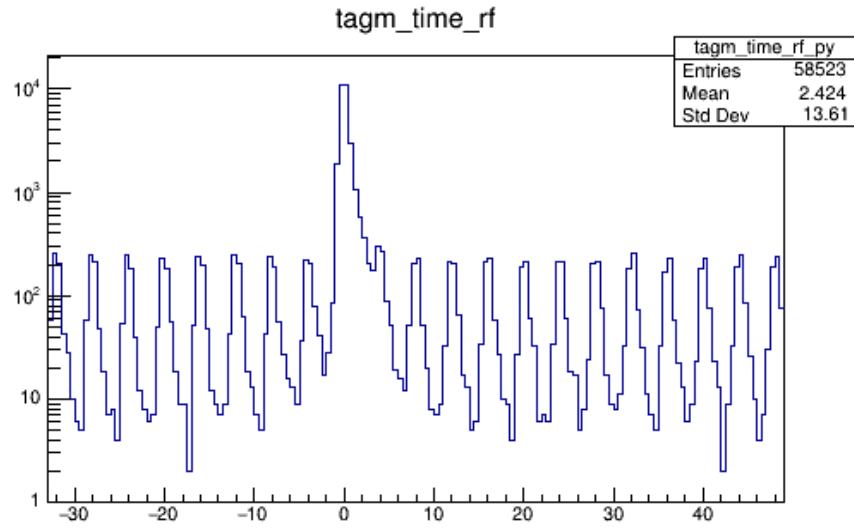
Status of the tagger and PS timing calibration

- use monitoring launch (ver 13) to calibrate relative time for TAGH/TAGM/PS/PSC
- adjust 4 ns time shifts in some TAGM channels seen in about 5 % PrimEx runs
- new monitoring launch (ver 14) is currently running to verify new timing constants. Expect to finish during the weekend
- if do not see any problems – update lumi numbers

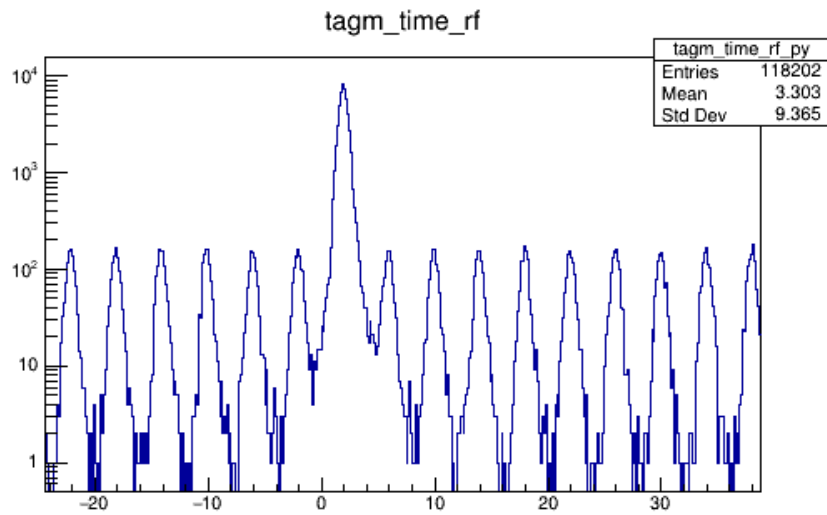
New root trees produced for lumi determination for practically all runs using new tagger/ps calibration (jobs submitted by Igal)

TAGM Time Calibration

Before Calib

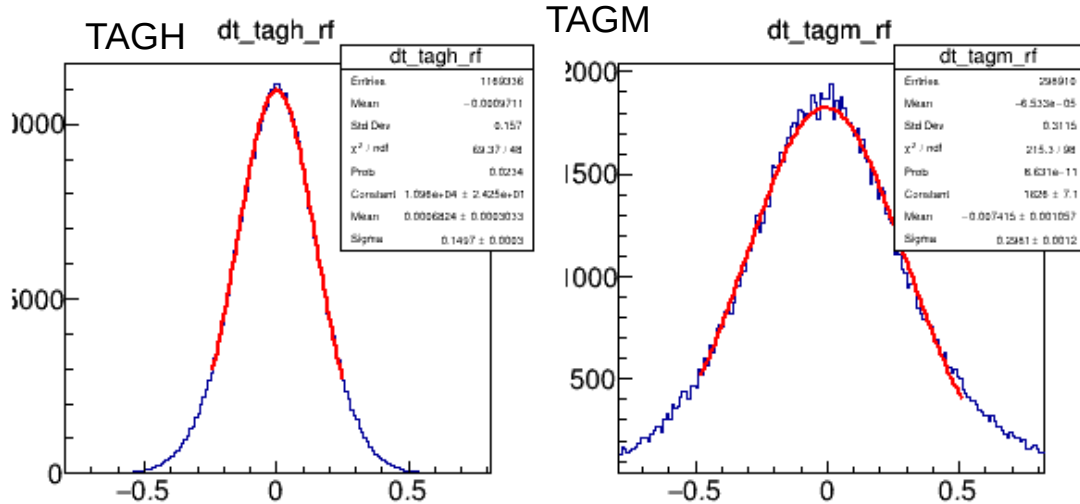
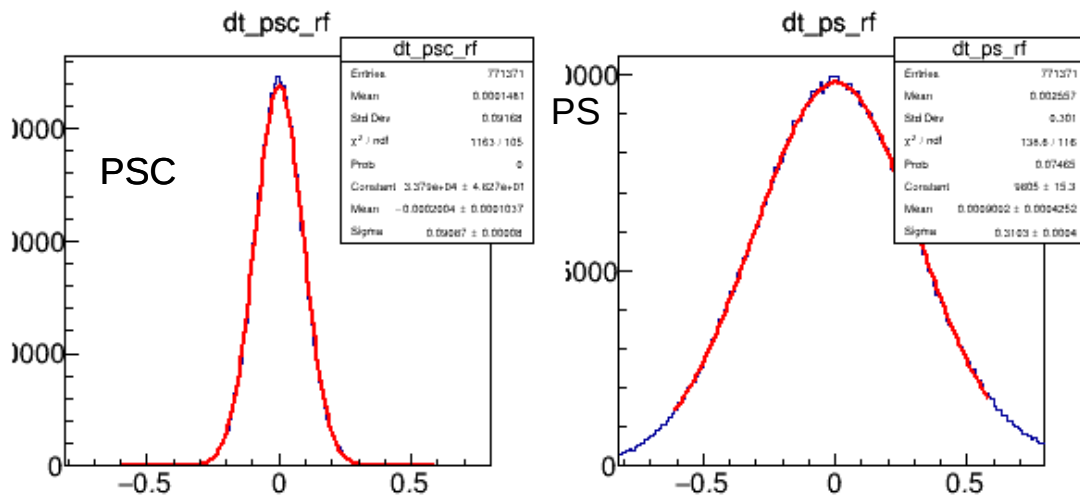


After Calib

 $T(\text{TAGM}) - T(\text{RF})$ (ns)

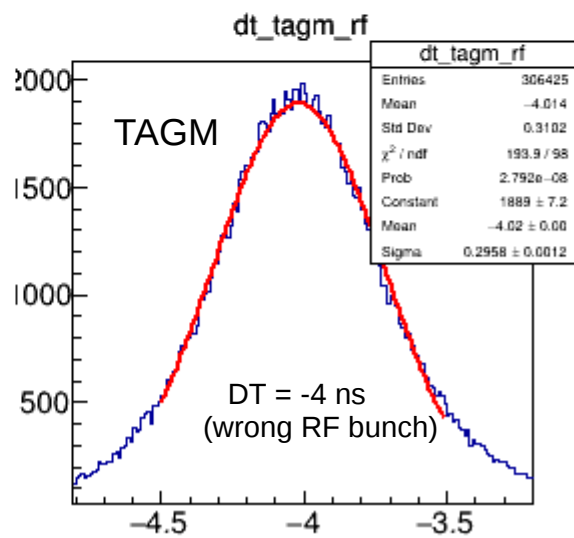
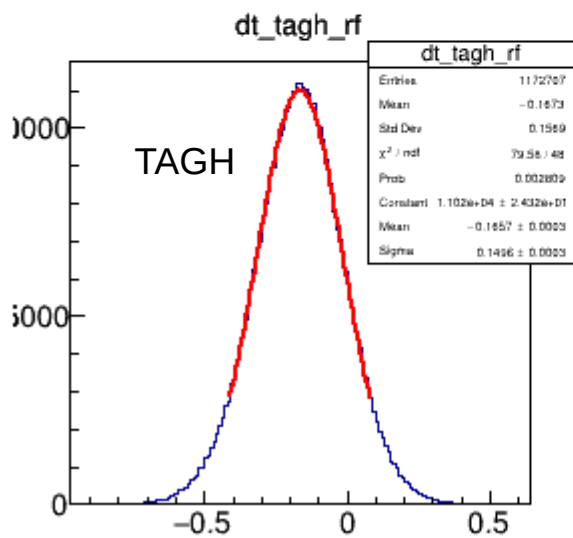
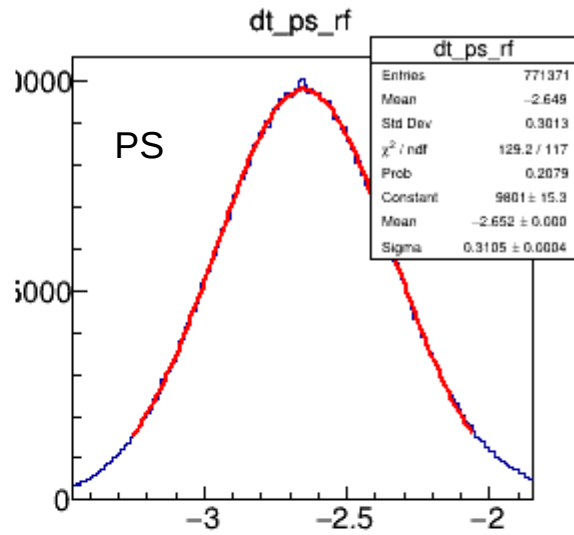
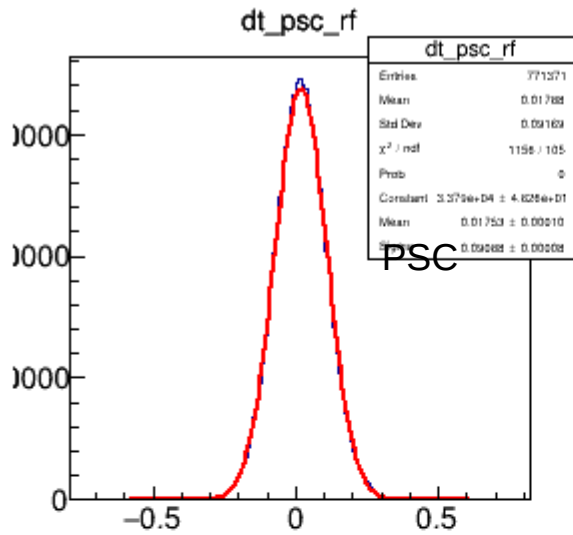
Relative time between sub-detectors (with respect to RF)

Run 61655 (mon 14)



T(DETECTOR) - T(RF) (ns)

Relative time between sub-detectors (with respect to RF)

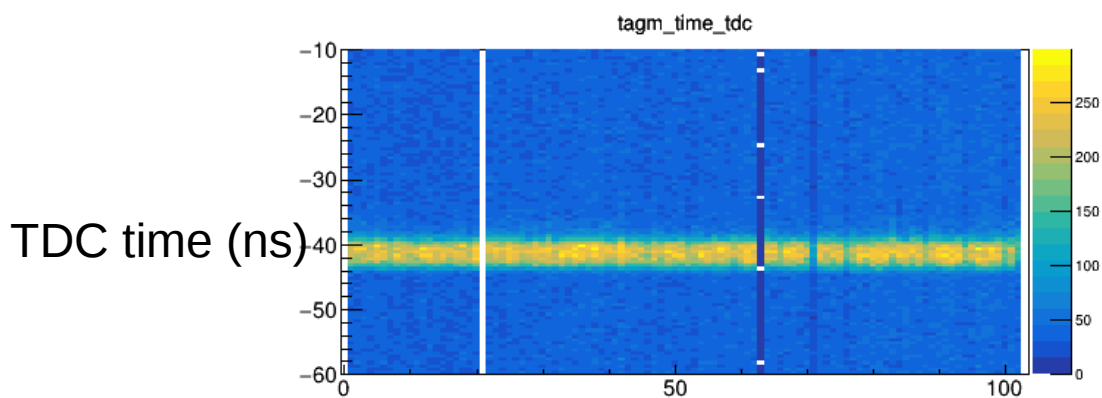
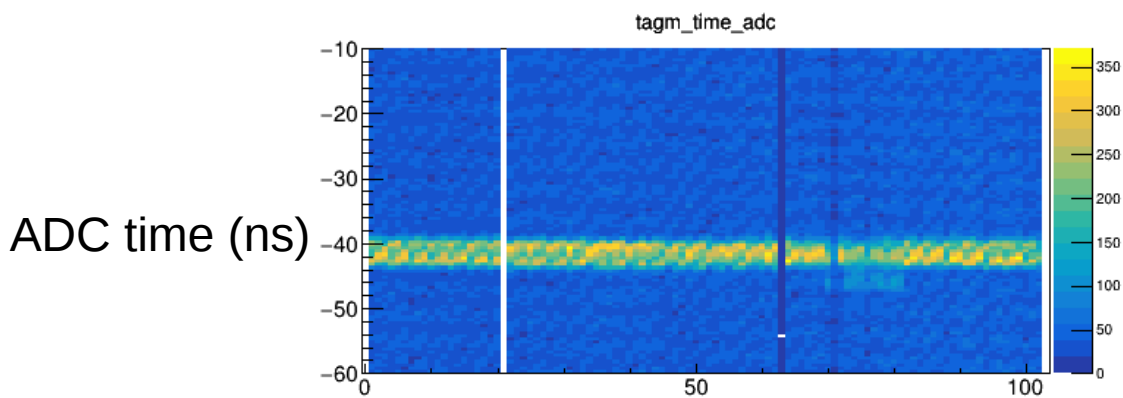
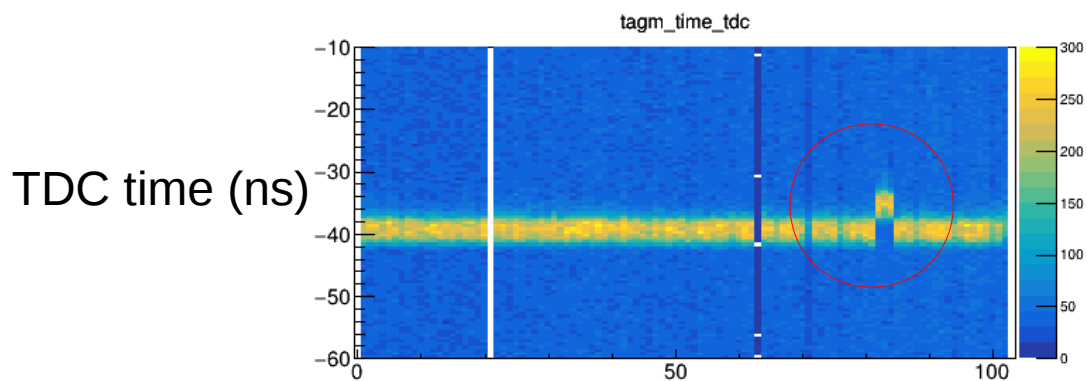
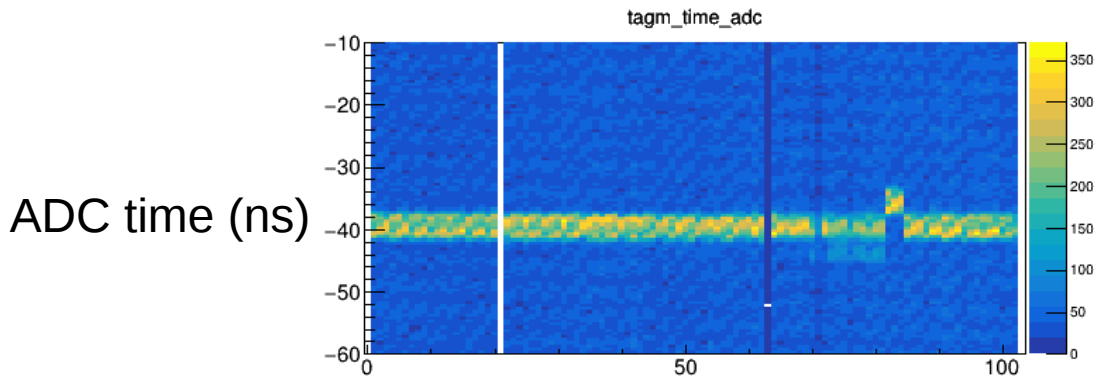


T(TAGH) - T(RF) (ns)

T(TAGM) - T(RF) (ns)

4 ns Time Shifts in TAGM

Run 61342 (He)



TAGM counter