

RF Time offset Correction LD2- sitting



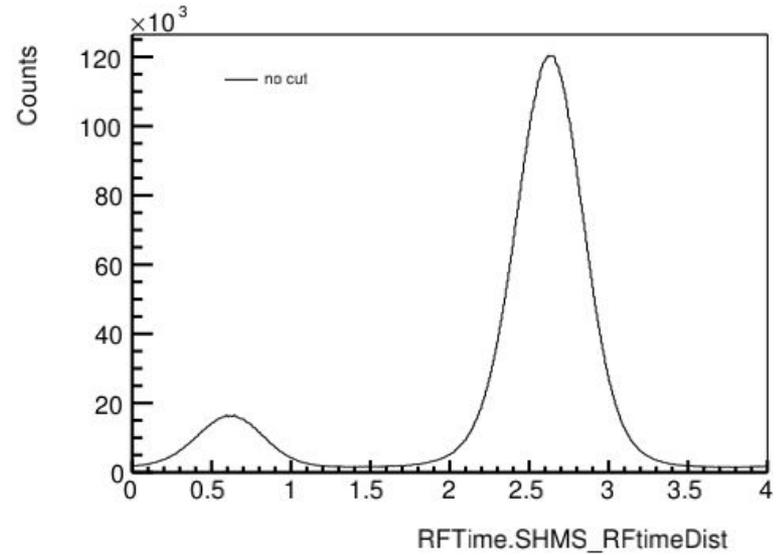
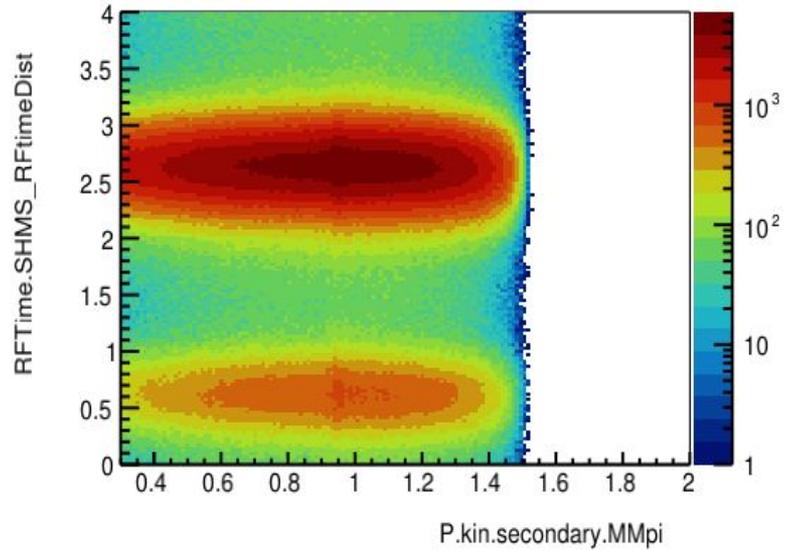
- Sitting: $Q^2=1.60$, $W=3.08$, SHMS LD2- Right angle(6.260 deg)
- Run list: {12022, 12026, 12027, 12028, 12029, 12030, 12032, 12034, 12035, 12037, 12038, 12040, 12041, 12042, 12043, 12044, 12045, 12046}

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University of Regina

19th Feb 2026

RF Time before correction



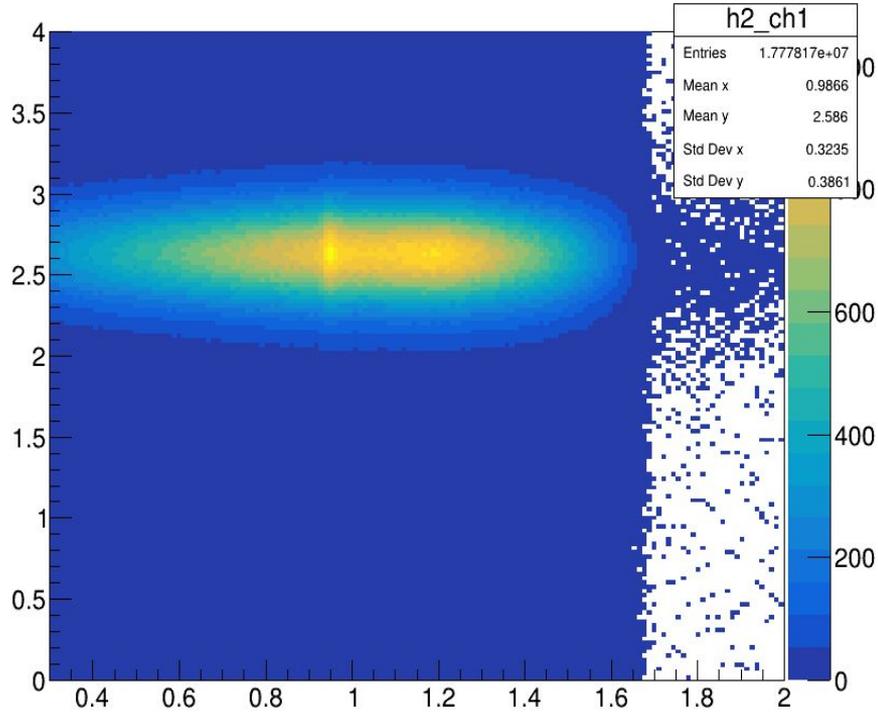
RF Time Offset correction

Run requires RF time offset correction: 12043 & 12044 (+2 ns)

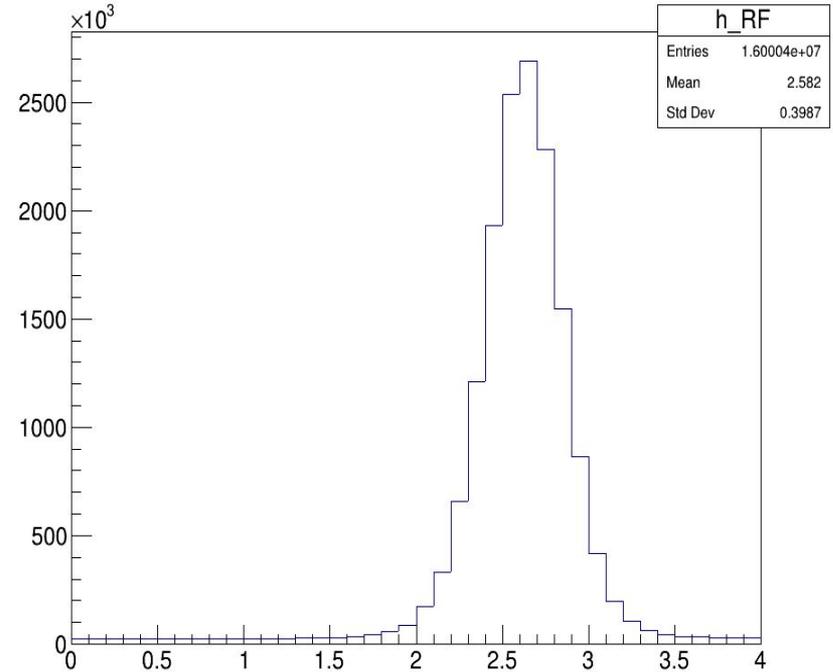
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RF Time after Offset correction

RF vs MM from ch1



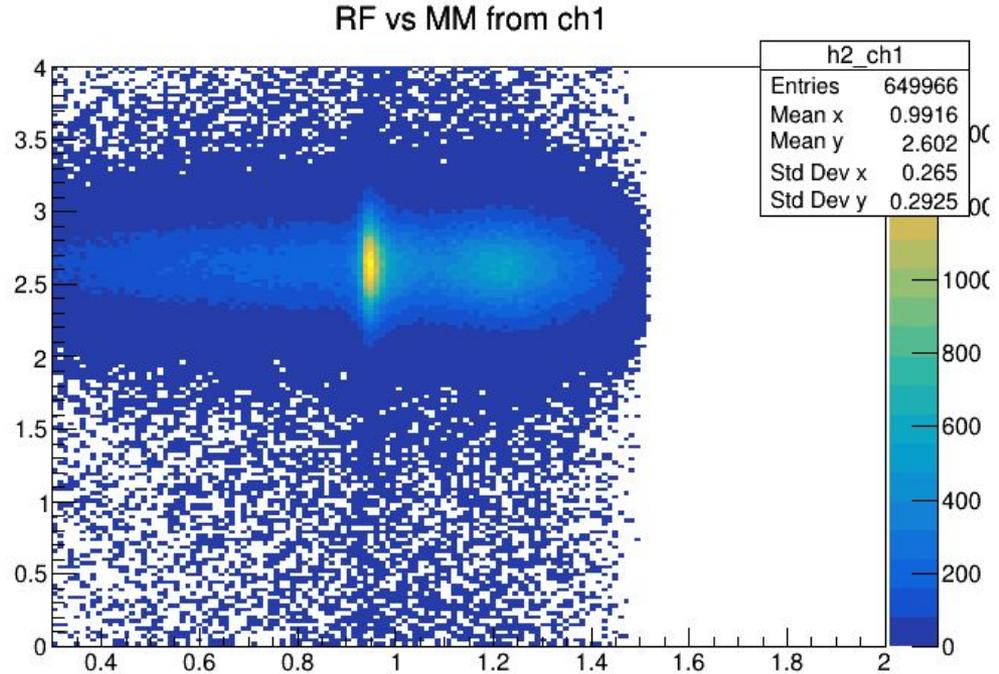
SHMS RF Time



RF Time after Offset correction +Cuts

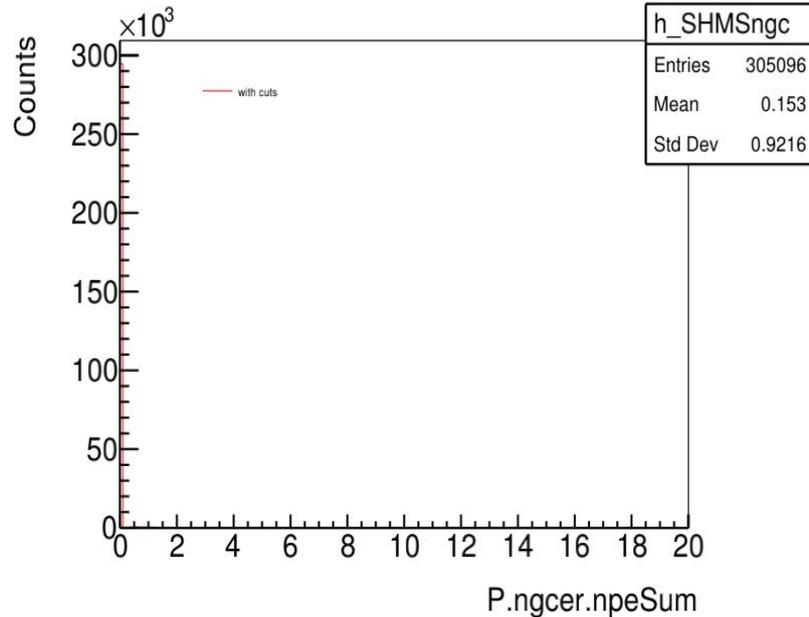
With cuts applied:

- Acceptance+ CT+ Hcer+Hcal

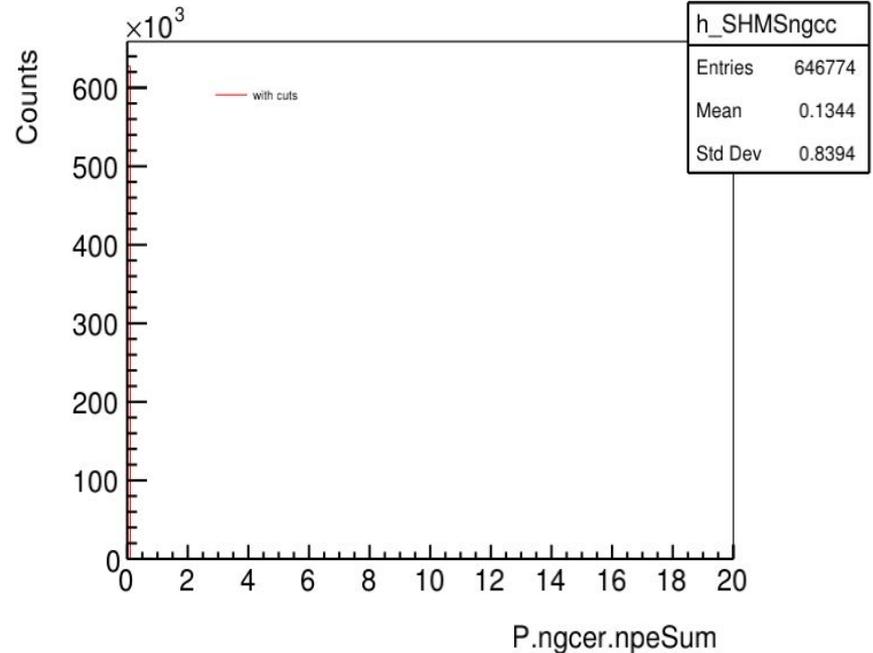


NGC Detector

CT+Accept+ P.Cal>0.85 (cutting off pions)



CT+ Accept Cuts



Tasks To Do

- NGC detector Calibration Check
- Efficiency study for LD2- &LD2+ current sitting