

# Tritium RC Report

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Apr 3, 2018

- Resume Physics Running (Wed Swing)
- CHL Trip (Wed Swing)
- 'Boiling' study (Wed Owl to Fri Swing)
- LHRS Production: kin4, kin7, kin9, kin11, ...
  
- RHRS Production: kin16

- Unser/BCM Calibration ✓
- Bulls-eye scan, BPM Calibration ✓
- Positron data ✓
- 'Boiling' study data ✓

# Good Electron Counts

## Before Transformer Failure

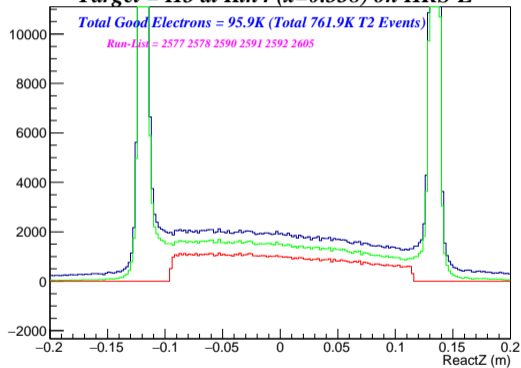
kinematic	$^3\text{H}$	$^3\text{He}$	$^2\text{D}$
0	-	-	-
1	235k	206k	178k
2	228k	207k	206k
3	192k	130k	227k
4	-	-	-
5	74k	74k	47k
7	42k	48k	45k
9	44k	44k	43k
11	35k	36k	38k
13	34k	34k	34k
15	38k	38k	33k
16	17k	18k	17k

## After Transformer Replacement

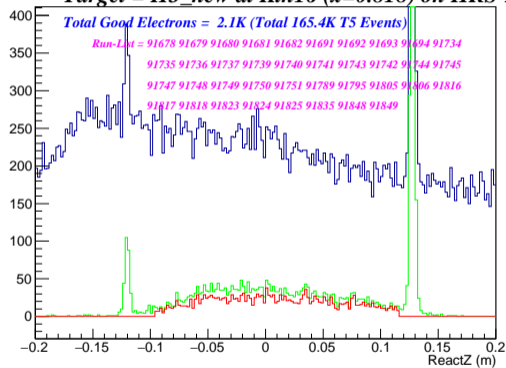
kinematic	$^3\text{H}$	$^3\text{He}$	$^2\text{D}$
0	>200k	>200k	>200k
1	-	-	-
2	-	-	-
3	-	-	-
4	>100k	>100k	>100k
5	-	-	-
7	>29k	>22k	>24k
9	>18k	>19k	>21k
11	-	-	-
13	-	-	-
15	-	-	-
16	>2k	>2k	>1.8k

# Columns Template

**Target = H3 at Kin4 ( $x=0.338$ ) on HRS-L**

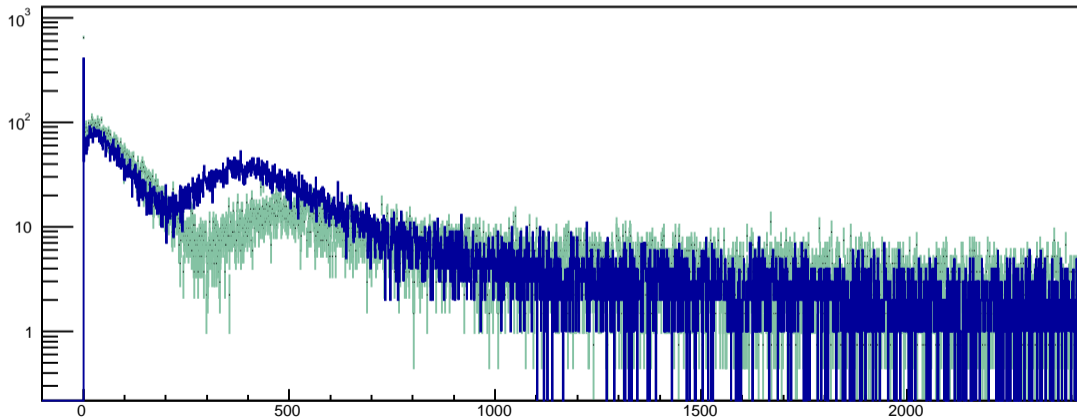


**Target = H3\_new at Kin16 ( $x=0.818$ ) on HRS-R**

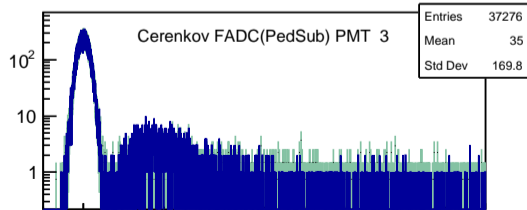
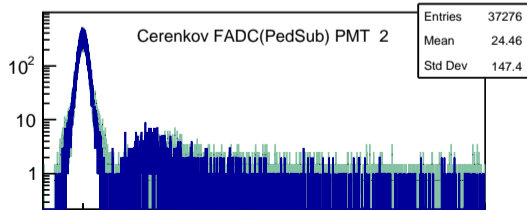
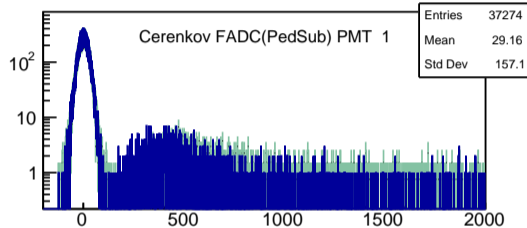
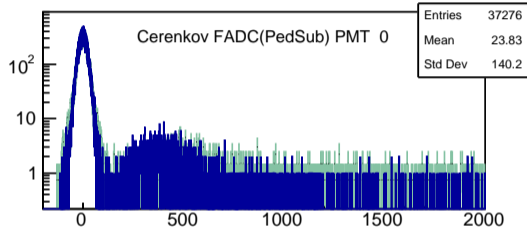


## Run #91850

Cerenkov FADC sum (corrected)



## Run #91850



- Production:
  - kin11
  - kin13
  - kin15
  - kin16 (RHRS)
- BCM Calibration (tonight)
- Energy Measurement (this week)



The End

**The End**



## *Target = D2 at Kin4 (x=0.338) on HRS-L*

