

MAUS - Bug #1917

Large discrepancy between triggers (as per CDB) and spacepoints

03 March 2017 15:39 - Greis, Jan

Status: Open	Start date: 03 March 2017
Priority: Normal	Due date:
Assignee: Rogers, Chris	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version:	
Workflow: New Issue	
Description As discussed here some numbers: For run 8277: TOF1: 48544 triggers, 67568 slab hits, 20648 space points TOF2: 22669 triggers, 16606 slab hits, 3670 space points I also checked another dataset to make sure this isn't isolated. For run 8499 at TOF2 i get 105834 triggers, 32029 space points	
Related issues: Related to MAUS - Bug #1912: TOF inefficiency In Progress 21 February 2017	

History

#1 - 03 March 2017 16:31 - Rogers, Chris

Which MAUS version are you using?

Can you run the script "load_root_file.py" attached to [#1912](#) and upload the output?

#2 - 06 March 2017 12:53 - Greis, Jan

- File tofeff.tar.gz added

2.8.3

Output is attached.

#3 - 06 March 2017 18:45 - Rogers, Chris

Note the log file Jan uploaded indicates that only 50 % of the two-slab coincidences make space points in TOF2:

```
TOF2 failed calibration 50.28 % out of range 0.81 % Okay 48.91 %
```

Can TOF experts confirm?

Files

tofeff.tar.gz

16.3 KB

06 March 2017

Greis, Jan