

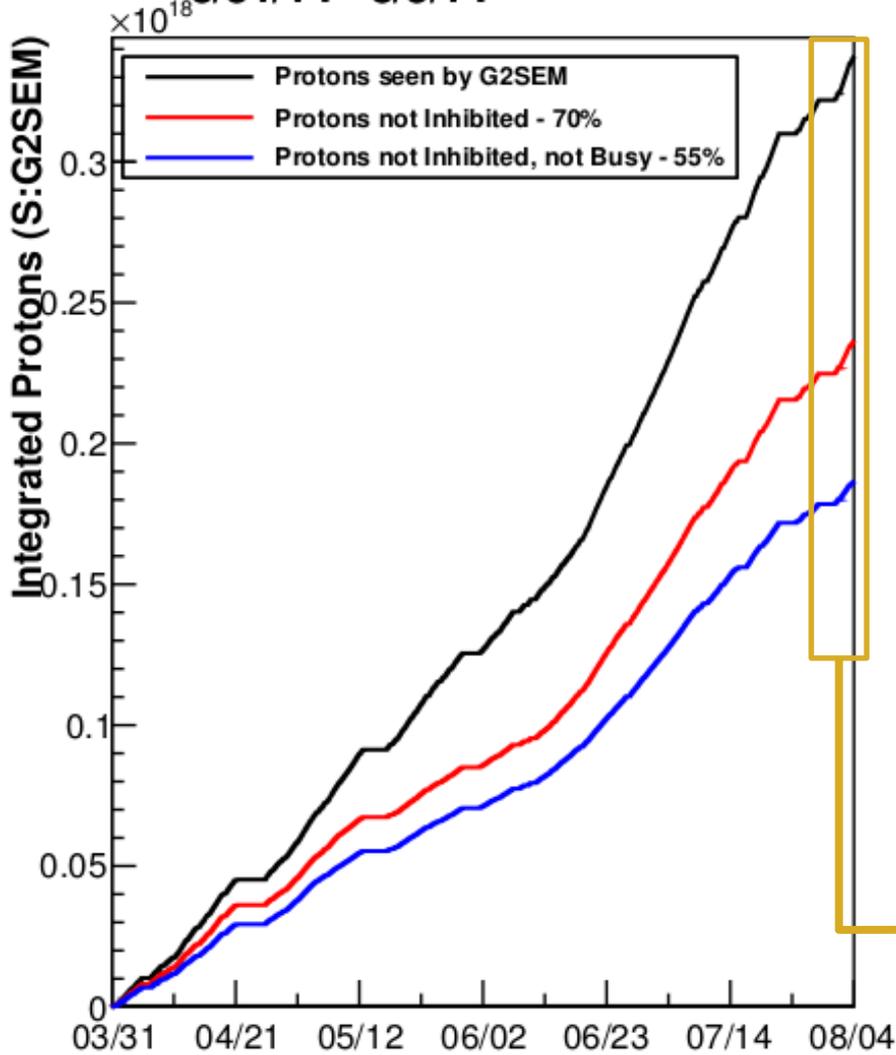
SeaQuest Status

July 28 - Aug 3

Brian Tice

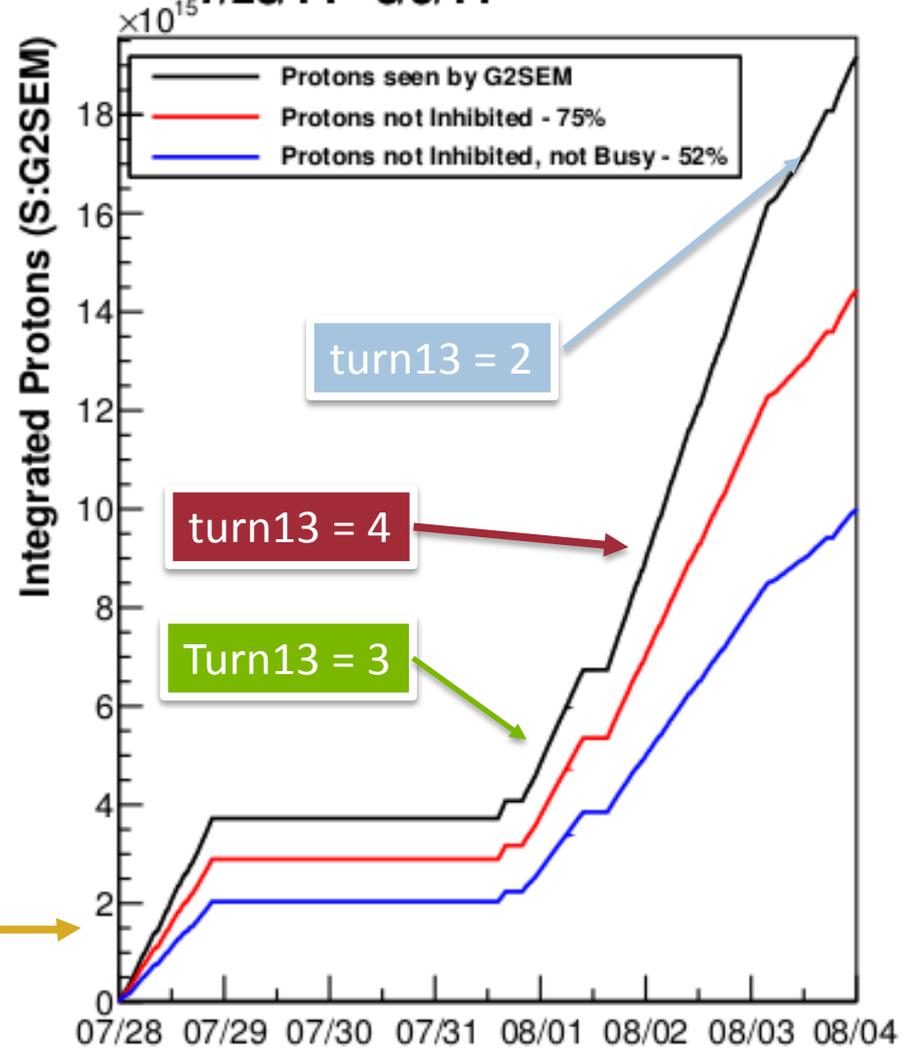
Aug 4, 2014

SeaQuest Integrated Protons
3/31/14 - 8/3/14



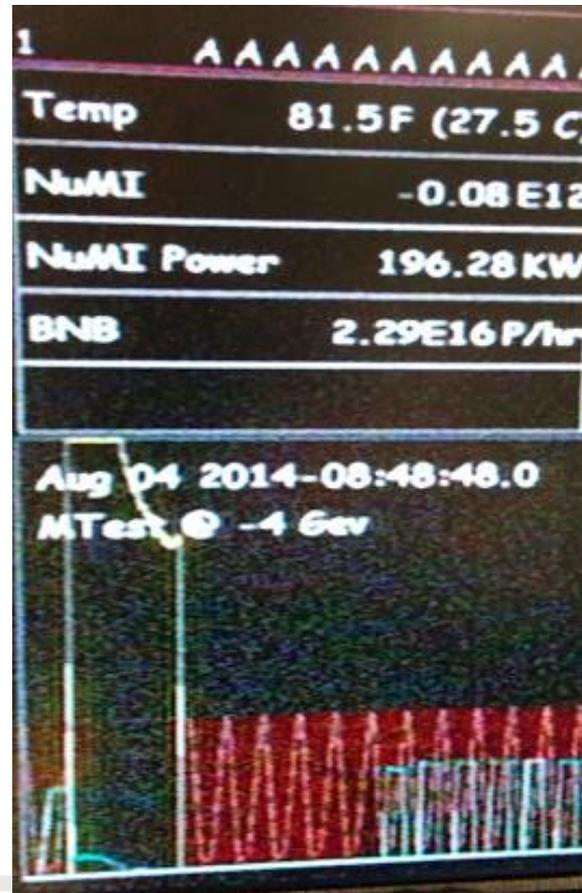
SeaQuest AEM Update

SeaQuest Integrated Protons
7/28/14 - 8/3/14



Detector Status - All systems performing well

- Drift chambers tripped during one odd spill. Easily and quickly recovered.
 - Spill was brief with 1/3 intensity. Beam was down for several spills afterwards.



Happened again today (~12:45).
Note unusual extraction

Target Status - No target issues

- Target motion worked well
 - Recall previous week – several target motion problems, mostly while beam down

Beam Status - Enjoying increased intensity

- Have increased intensity by going from turn13=3 → turn13=4 for some running
 - G2SEM increased $3.8E12 \rightarrow 5.0E12$ ppp (approximately)
 - We are happy with this. Thanks!
- 45s cycle was tested, no issues
 - We are ready for 45s cycle data

G2SEM ~ intensity

