PHENIX Run16 status
time meeting 04/26/2016

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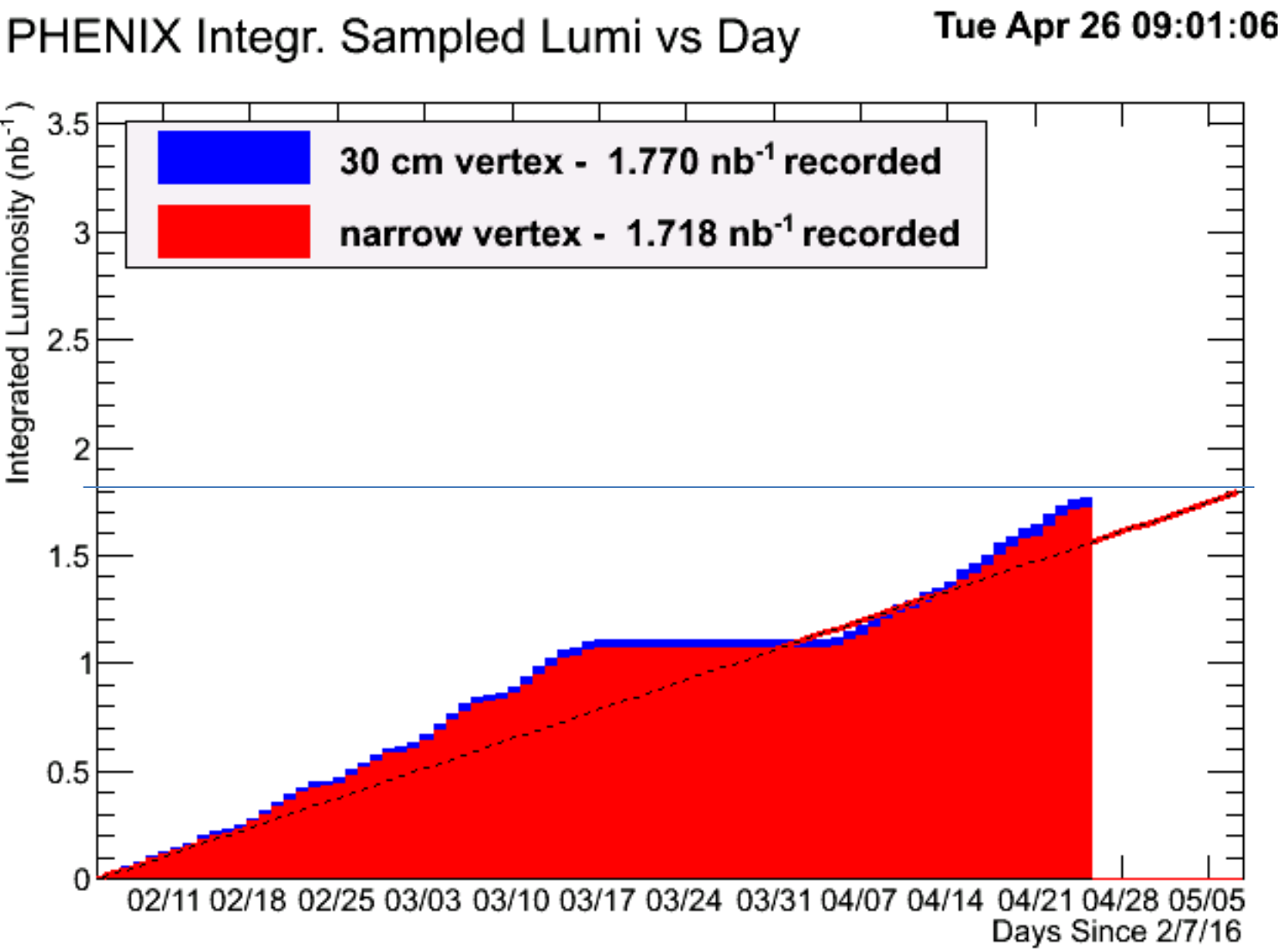
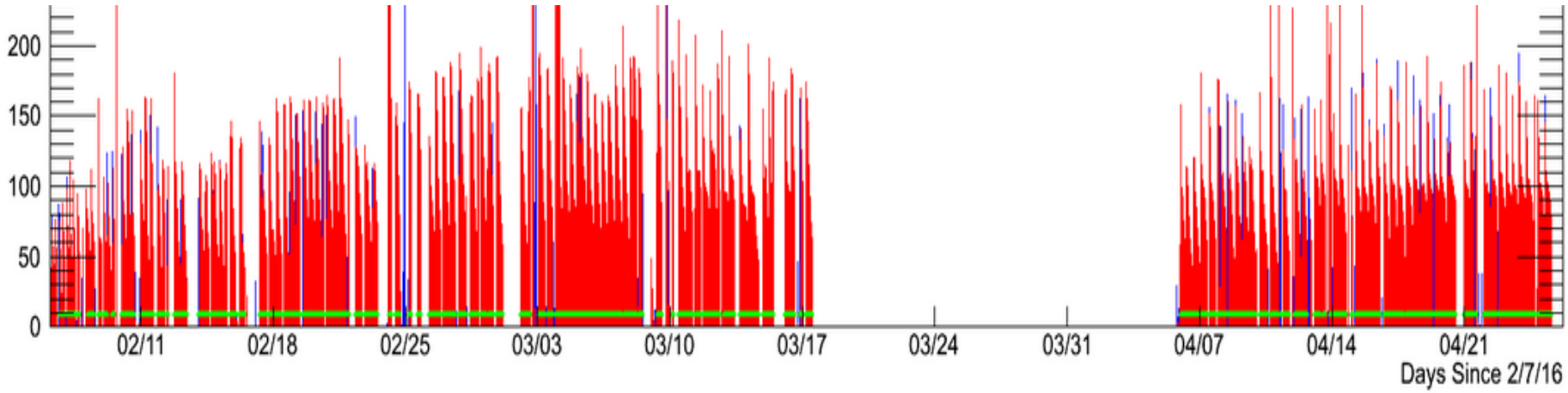
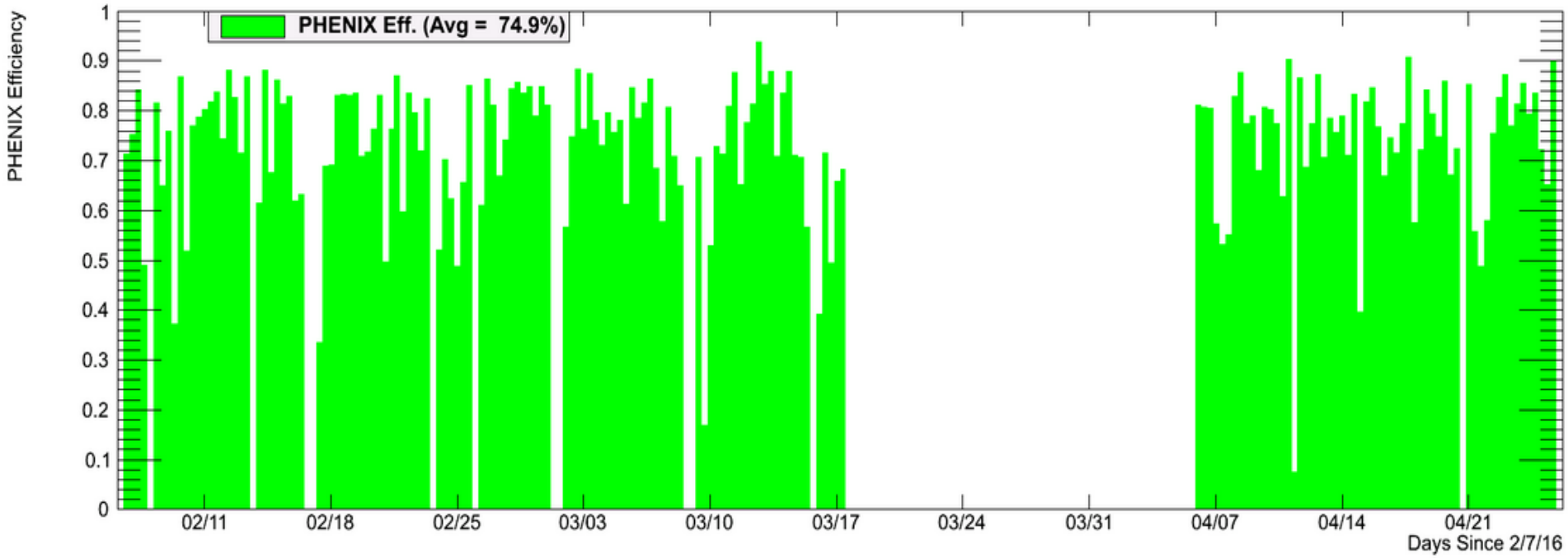
luminosity

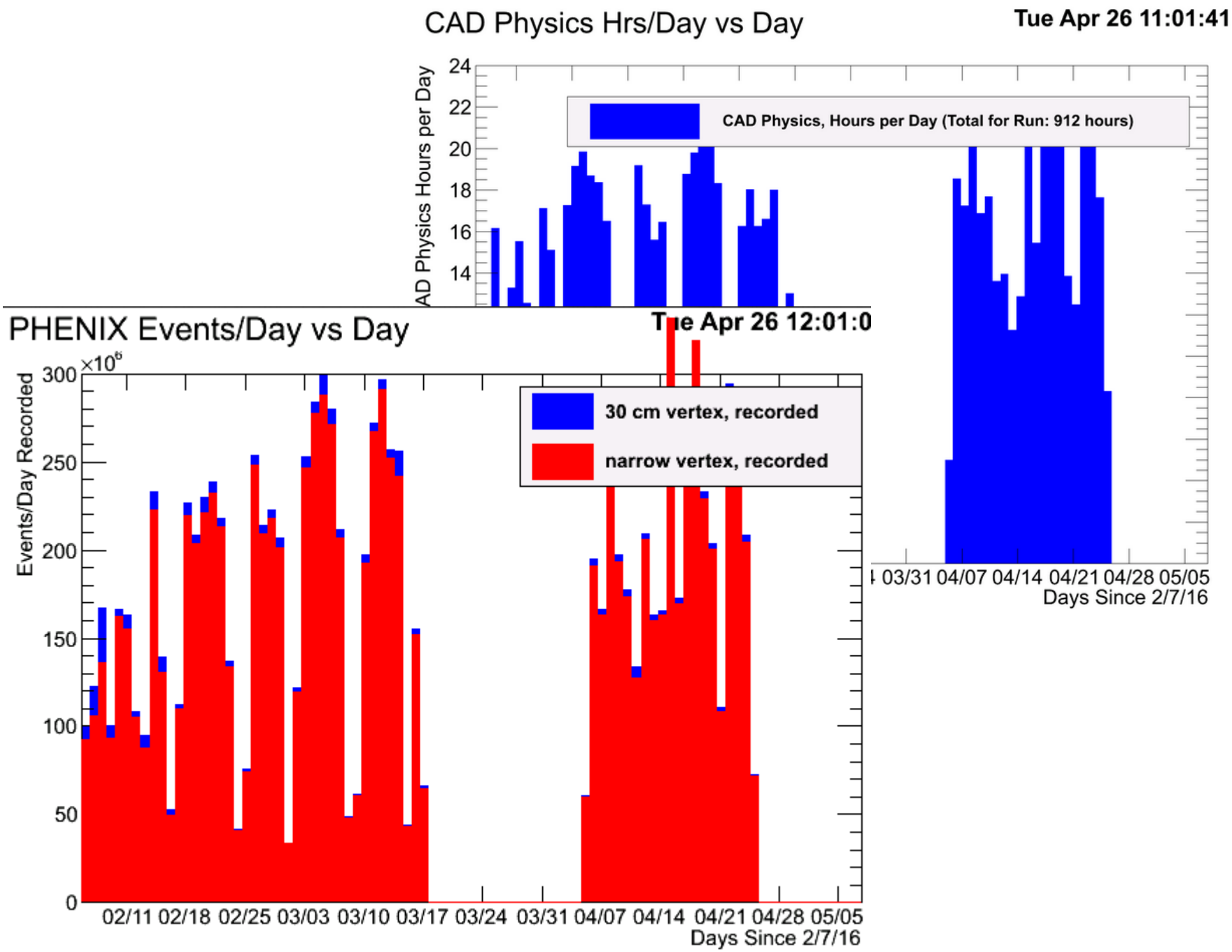
narrow vertex - 10.821 Gevts recorded



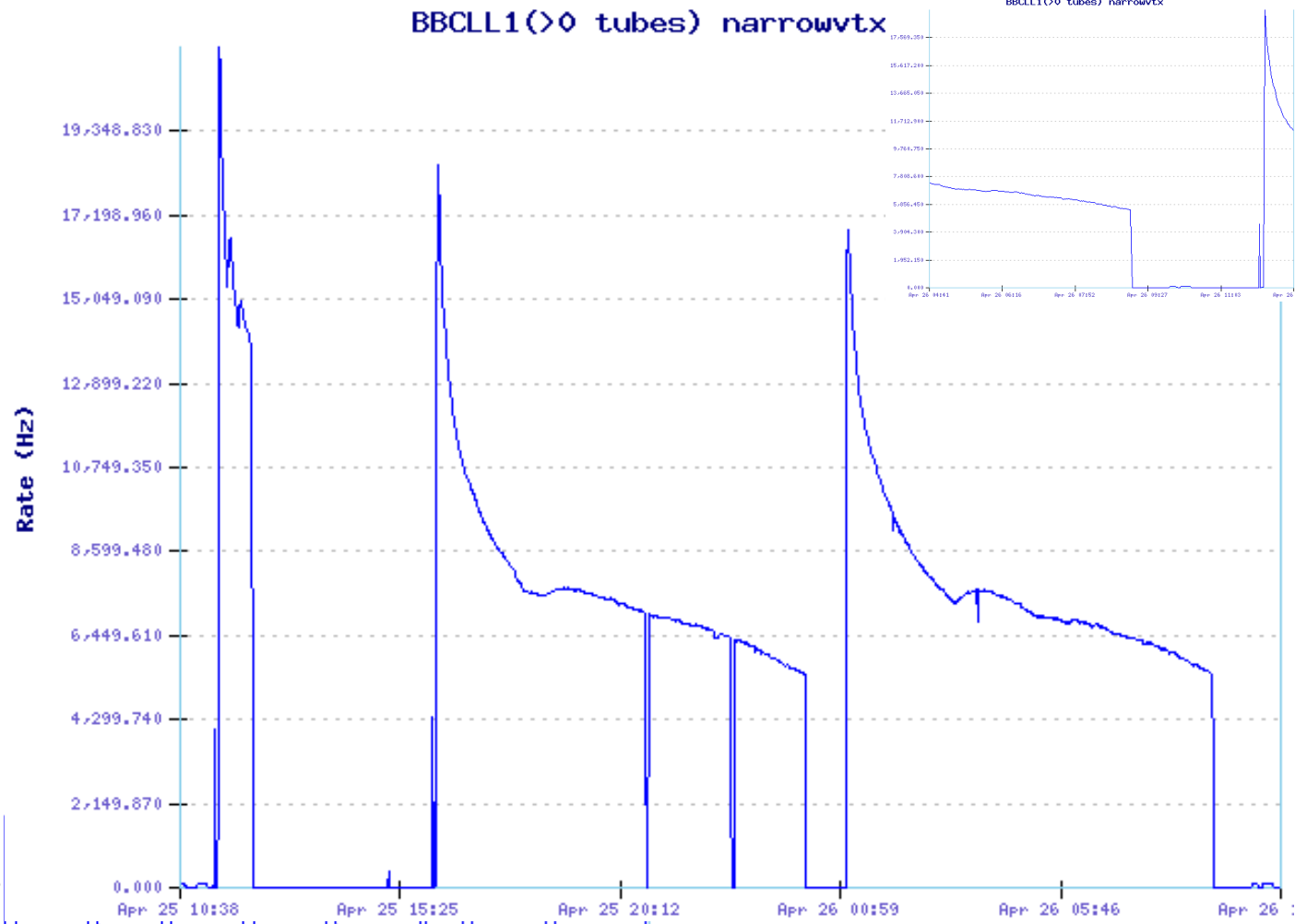
In way to reach sooner the BUP goal 1.8nb-1 « narrow vertex »

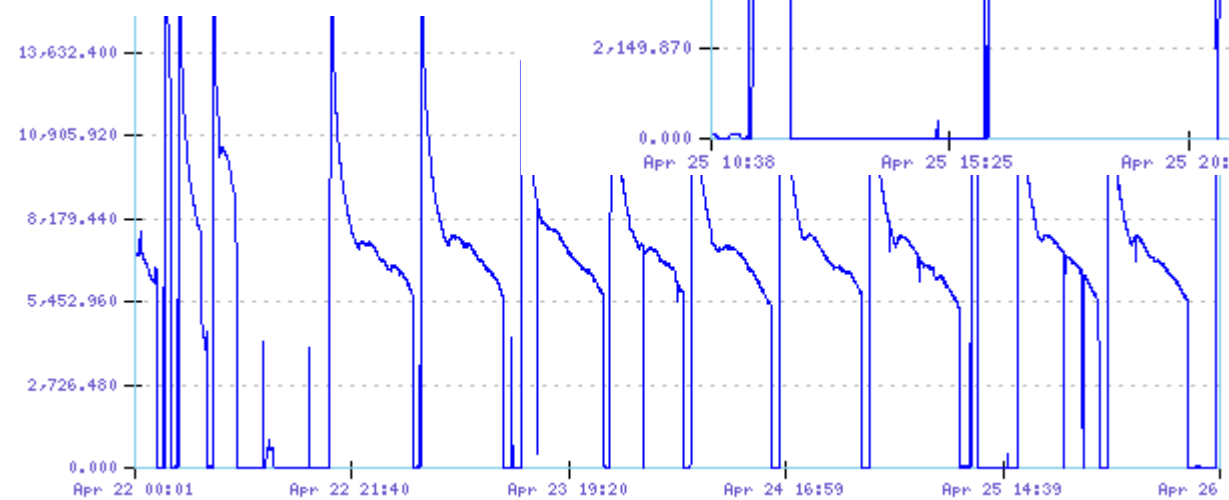

200
150
100
50
0
02/11
02/18
02/25
03/03
03/10
03/17
03/24
03/31
04/07
04/14
04/21
Days Since 2/7/16


PHENIX Efficiency
PHENIX Eff. (Avg = 74.9%)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
02/11
02/18
02/25
03/03
03/10
03/17
03/24
03/31
04/07
04/14
04/21
Days Since 2/7/16


CAD Physics Hrs/Day vs Day
Tue Apr 26 11:01:41
AD Physics Hours per Day
CAD Physics, Hours per Day (Total for Run: 912 hours)
03/31 04/07 04/14 04/21 04/28 05/05
Days Since 2/7/16
PHENIX Events/Day vs Day
Tue Apr 26 12:01:0
Events/Day Recorded
×10^6
30 cm vertex, recorded
narrow vertex, recorded
02/11 02/18 02/25 03/03 03/10 03/17 03/24 03/31 04/07 04/14 04/21 04/28 05/05
Days Since 2/7/16

- 6.5K ¾ of store
- 5.5 KHz at end
- 56MHz ?





subdetectors

- Last **maintenance day** :
- TOF E south LV PS replaced
- FVTX improved
- MuTr octant LV PS connector improved

(awaiting material for better solution, opportunistic **access** Thursday ?)

Summary

- Integrated luminosity BUP goal : days ?

- Could accept some more luminosity at the end of store. (56MHz, ?).
- Keeping full detector efficiency require constant action, need coordinated policy to minimize the downtime due to accesses. This will be more critical in short d-Au periods.