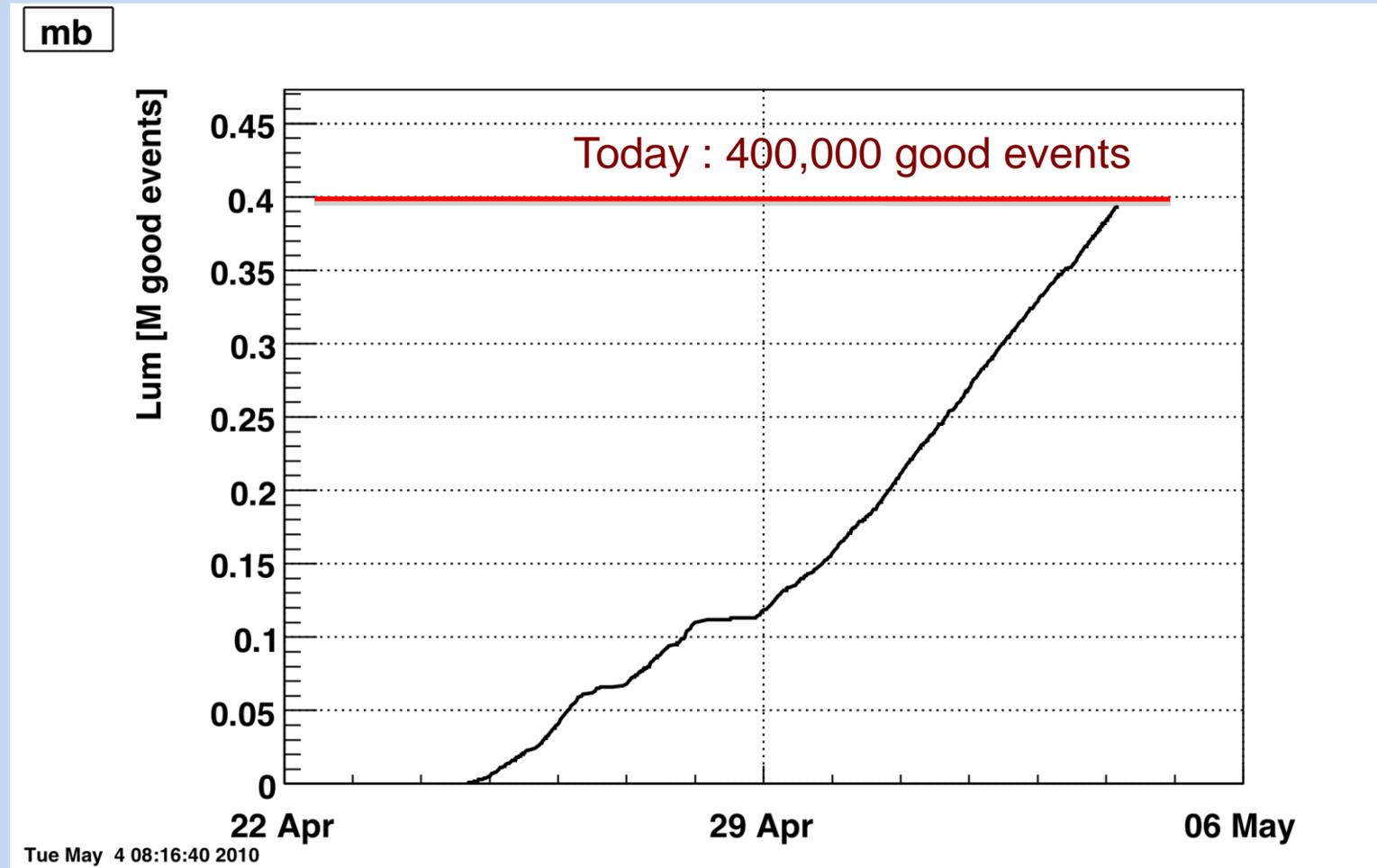


STAR Run10 - Au+Au 7.7 GeV: Statistics

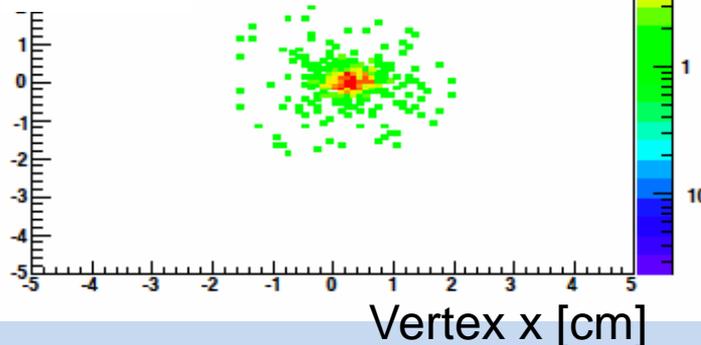


Good events: Using HLT information

Run number 11124035 Tu:05/04/2010

Set A - Single Run vertexY (cm) vs vertexX (cm) (Vr < 2)

Vertex y
[cm]



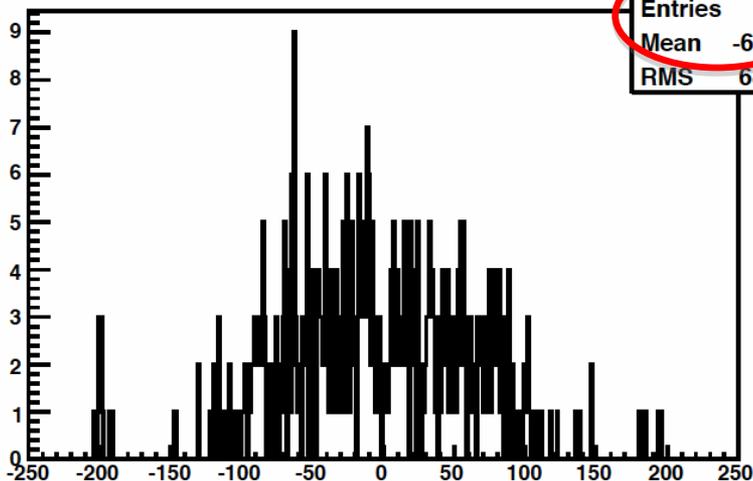
VPD_tag signal to MCR

Good events: 346 (with cuts)

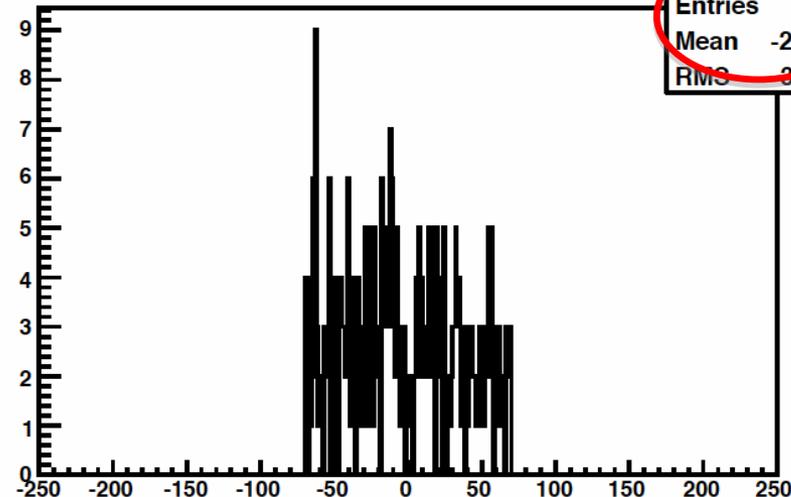
All events: 657

→ ~50% signal (good events)

Set E - VPD trigger Single Run Vz (no cuts)

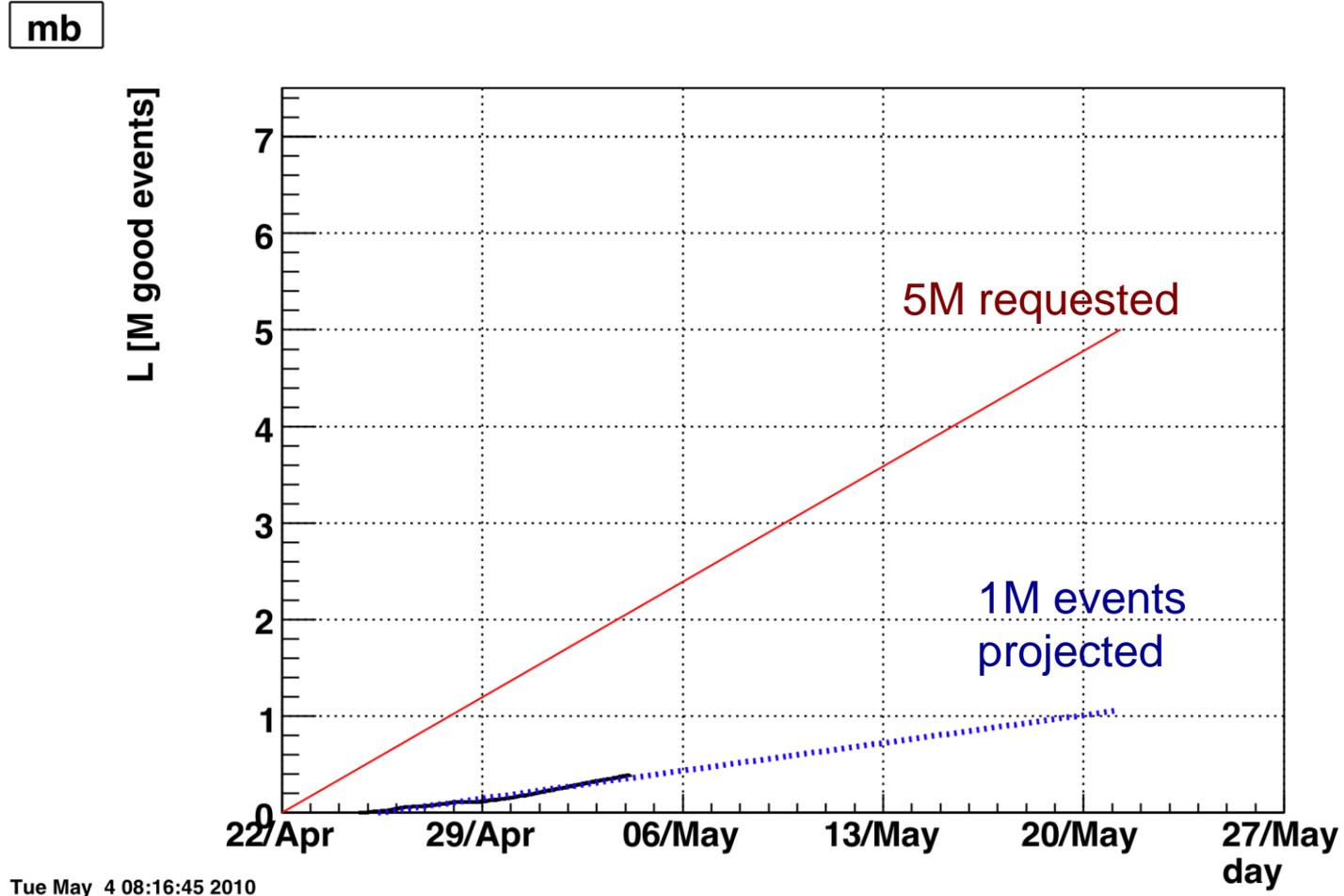


Set E - VPD trigger Single Run Vz (Vr < 2, Vz < 70, pTracks > 5)



Statistics

Average data taking rate of good events per fill : ~ 0.8 Hz



Tue May 4 08:16:45 2010

Updates and Plans

Signals send to MCR:

- a) BBC; high background
- b) VPD without vertex cut: (40-10% good events)
- c) VPD with $|Z| < 1\text{m}$, $\approx \square$ 50% good events (new)

Plans:

beta* = 6 m (today)

Reduce fill time from 15 min to 10 min