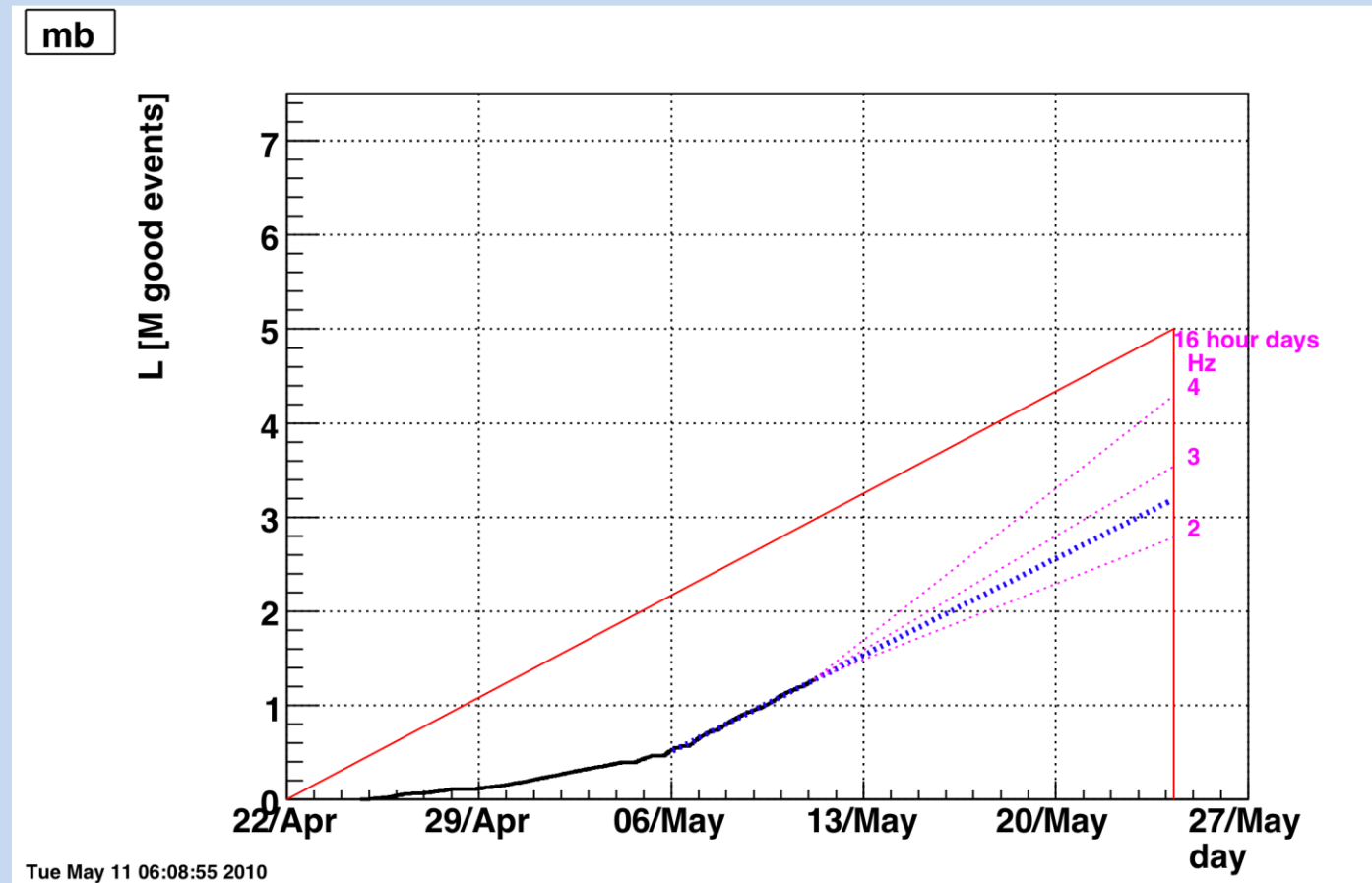


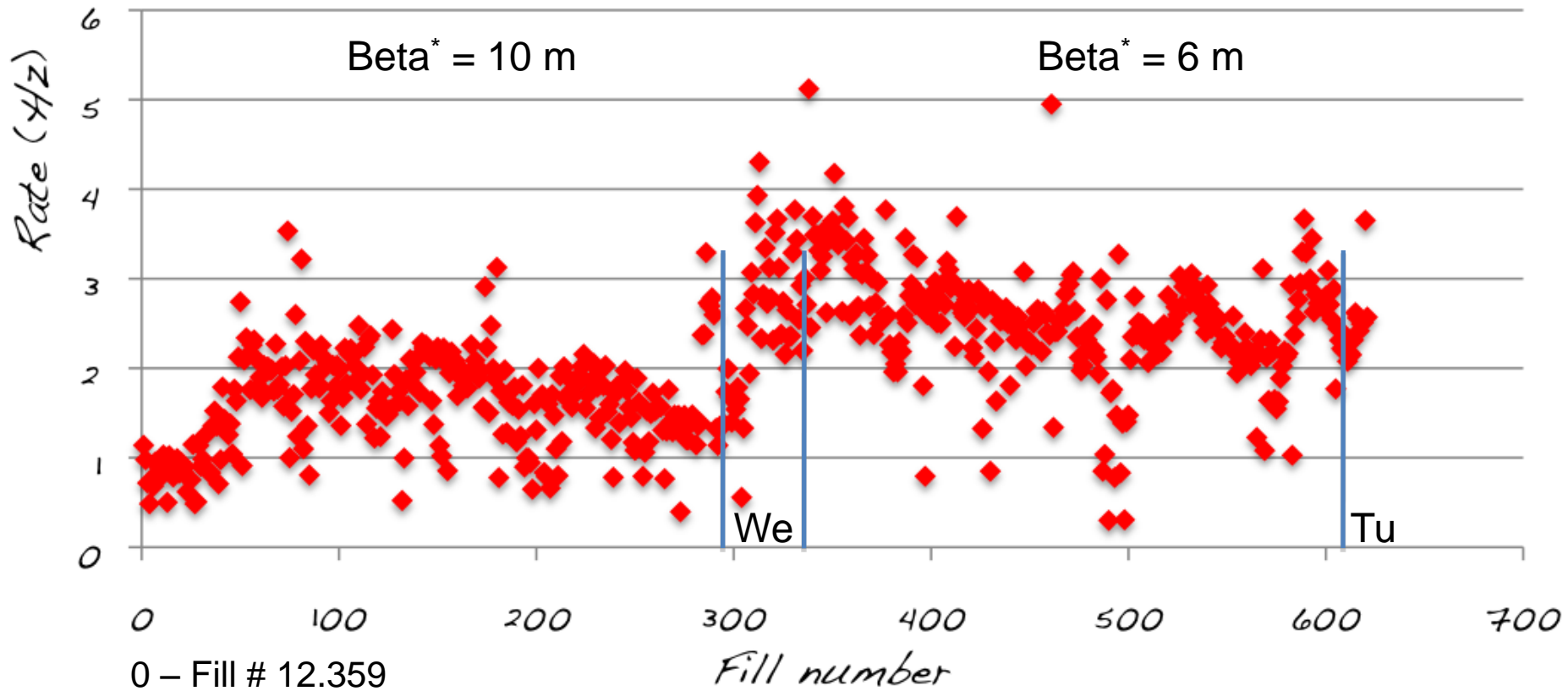
STAR Run10 - Au+Au 7.7 GeV: Statistics

Today : ~1,3 M good events



Rate

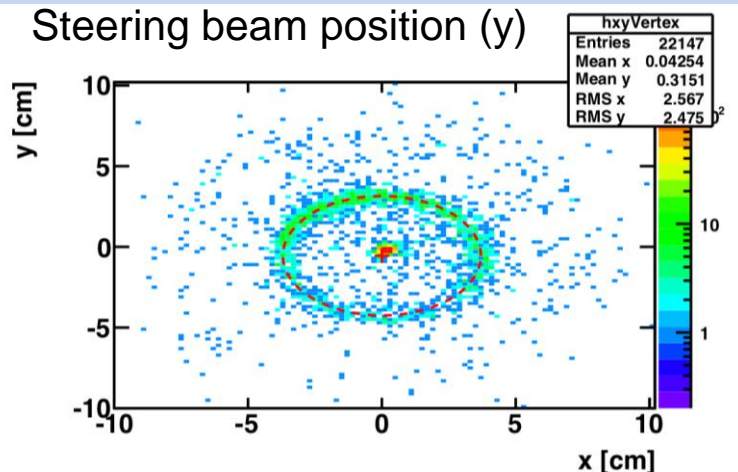
Now average data taking rate of good events per fill : ≈ 2.5 Hz



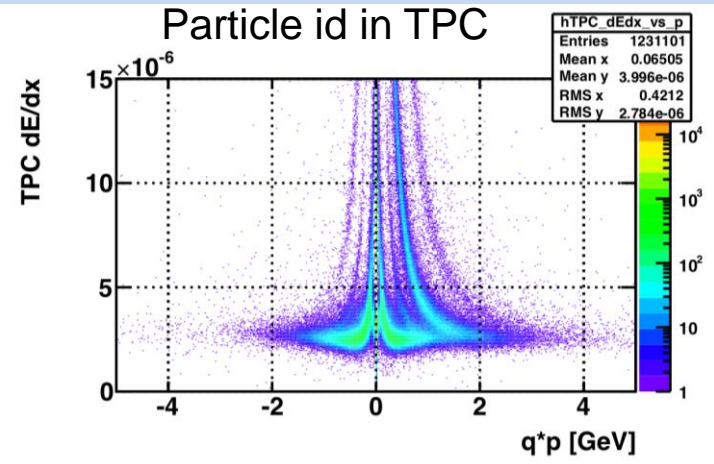
Physics

day 127 (20K events)

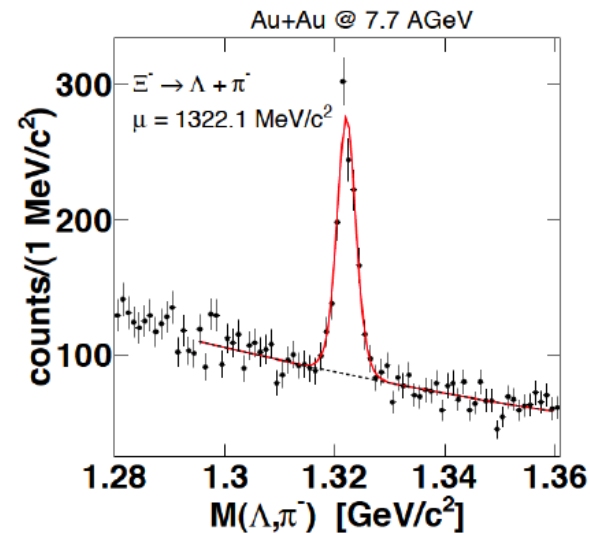
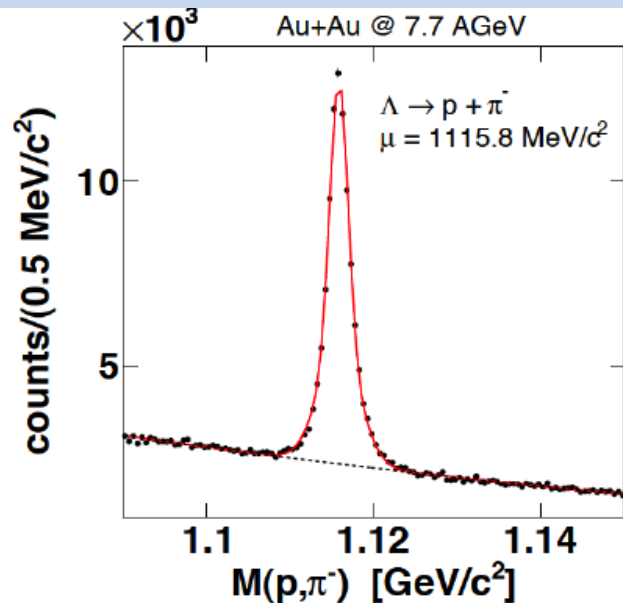
Steering beam position (y)



Particle id in TPC



(100K events)



Updates and Plans

Update:

- **Beam position shift to center of pipe**
- **Beta* = 6 m since (05/05/2010)**
 - **rate increase from 0.8 Hz → 2.5 Hz**
(average rate of good events per fill)

Plans:

- Reduce fill time from 15 min to 10 min
rate 2.5 Hz → 3.1 Hz (25% increase)
- Plus one more week we can get us to 5M events