

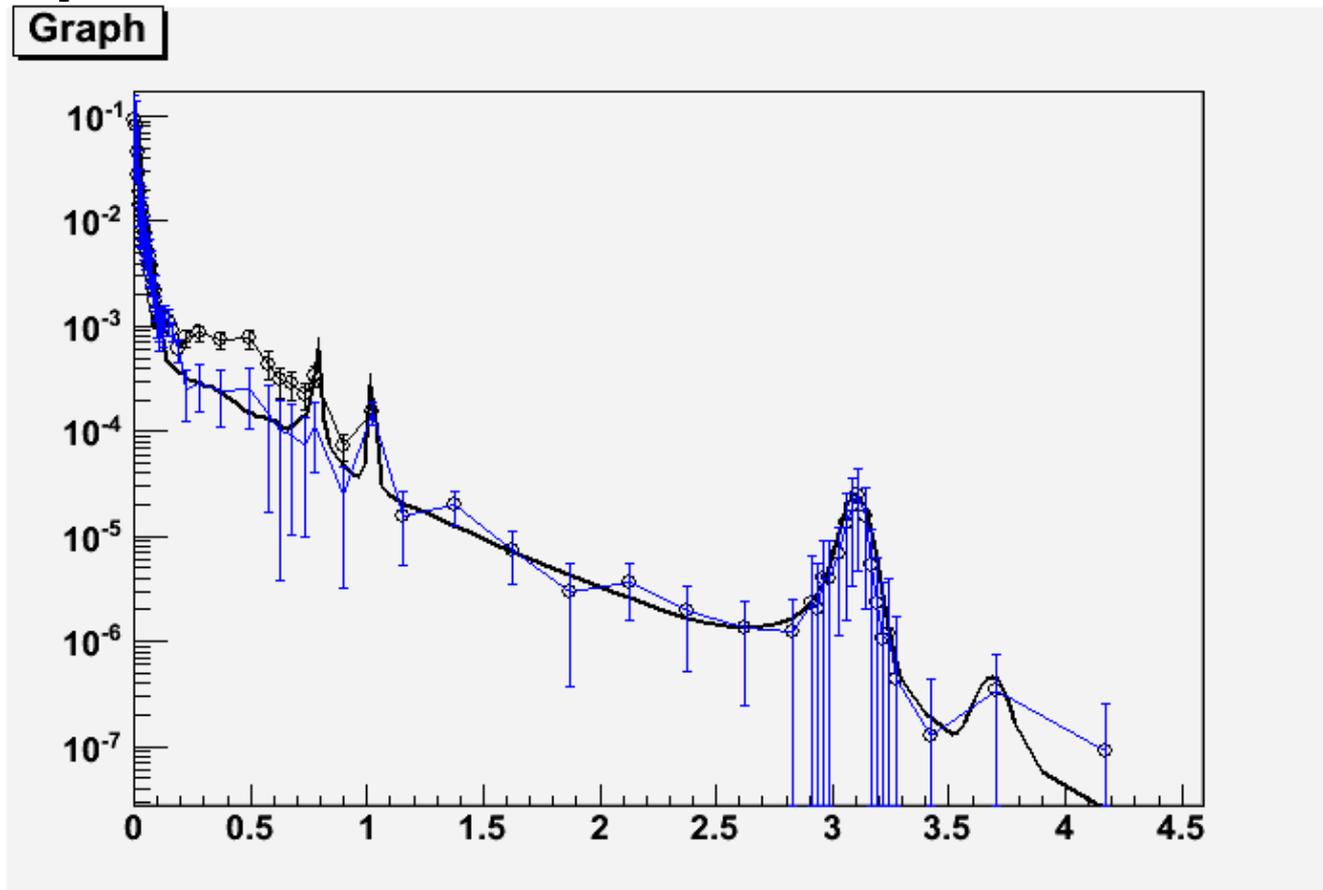
Projection for Dilepton Measurement at 39 GeV

Stefan Bathe for PHENIX

RHIC Machine-Experiment Meeting

4/13/2010

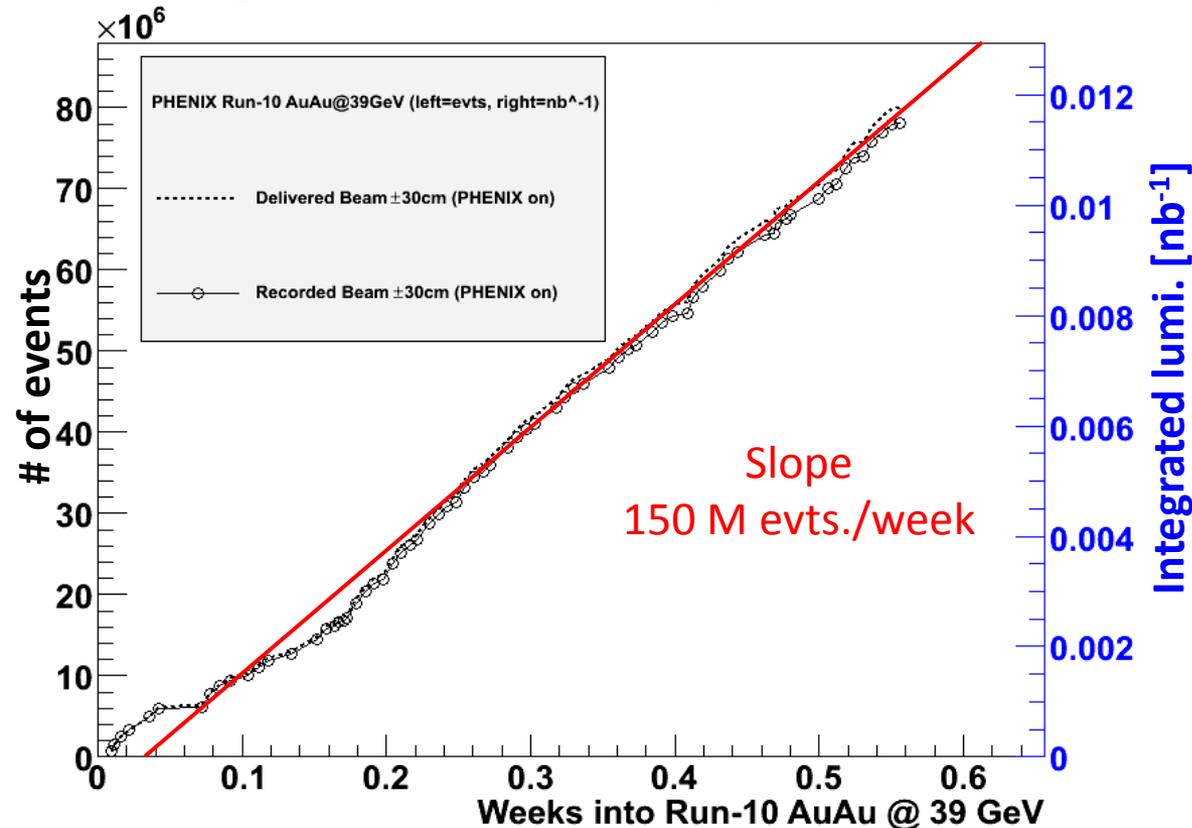
Dilepton Measurement at 39 GeV



- Dilepton measurement with HBD at 39 GeV possible with 280 M min. bias events
- Measurement of low-mass enhancement from SPS energy, via 39 and 62 GeV, to top RHIC energy

Projection

- Physics since noon, Friday, April 9
(right after beam development finished)



- Slope in past two days constant: 150 M events/week
- Translates into 280 M events in 13 days
- April-14 beam development adds one day
- April-21 MD? would add 0.5 days
- Goal will be reached on Friday, April 23, noon (midnight Sat with MD)

- **Proposal: switch on Monday, April 26, 8:00am (and delay MD until then)**
- **or keep decision open until next Tuesday when we'll have better projection**