



STAR Performance: U+U @ 193 GeV

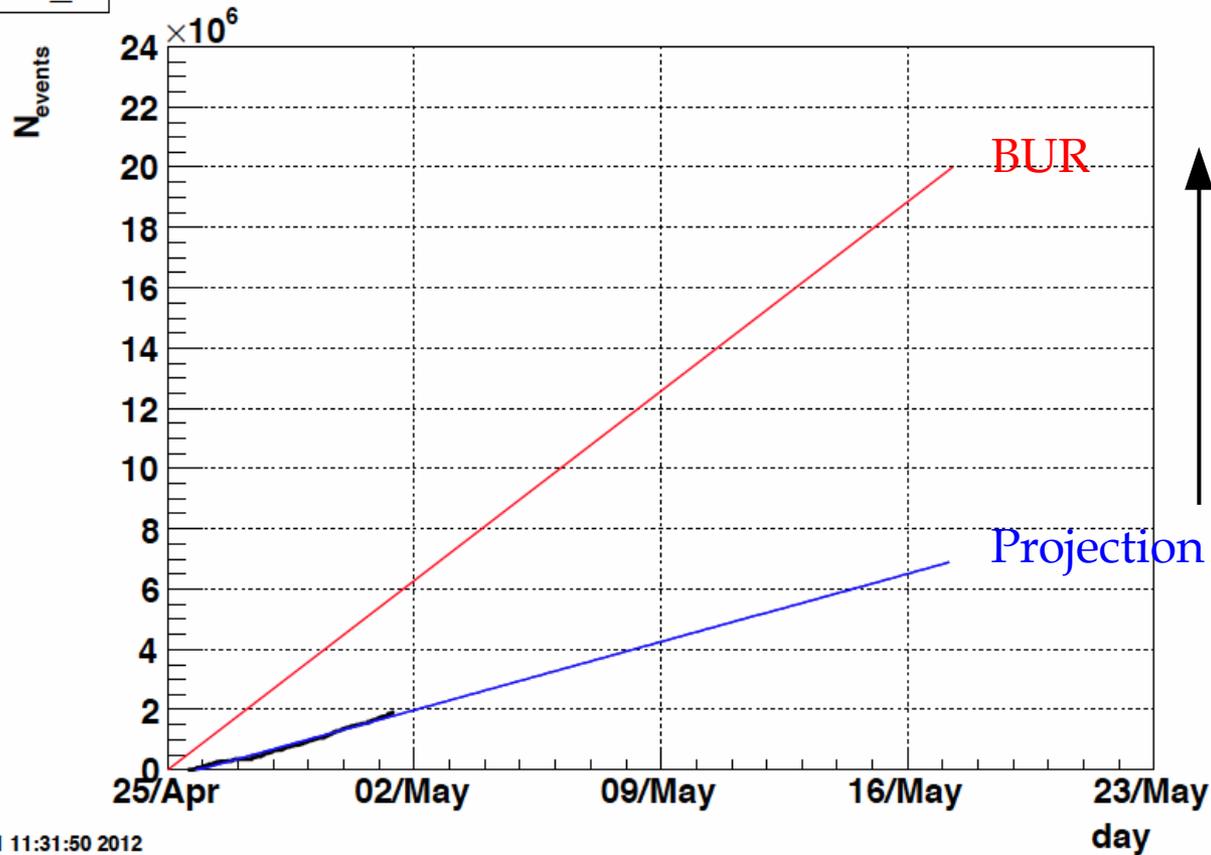
Alexander Schmah
Time Meeting at BNL 05/01/2012

*U+U @ 193 GeV event recorded yesterday



Projected Number of Events

central_1



Tue May 1 11:31:50 2012

More Luminosity needed to reach the BUR goals

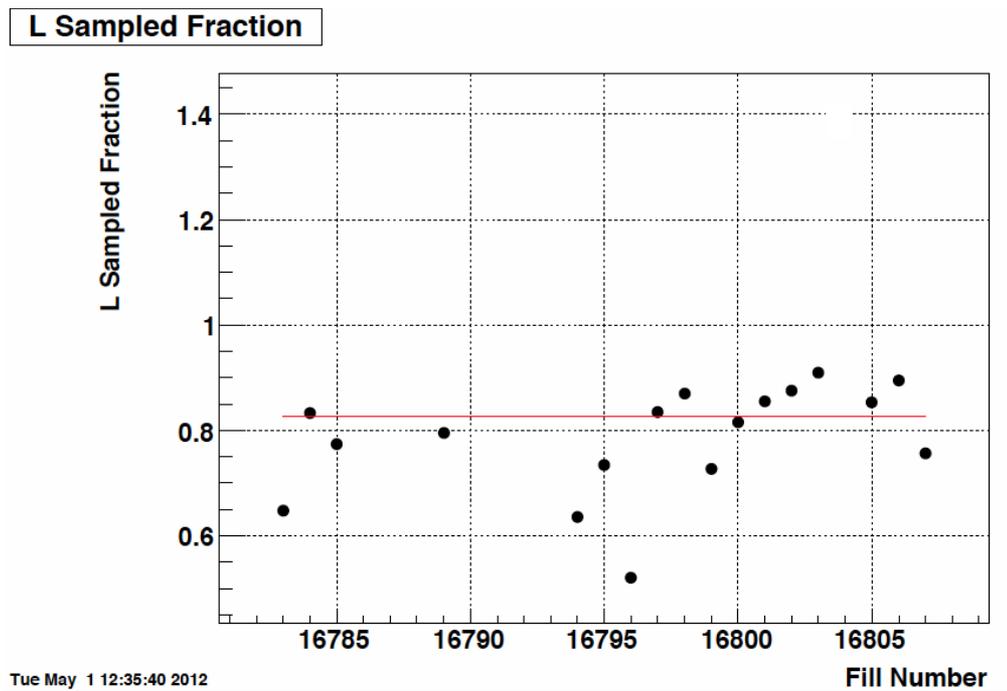
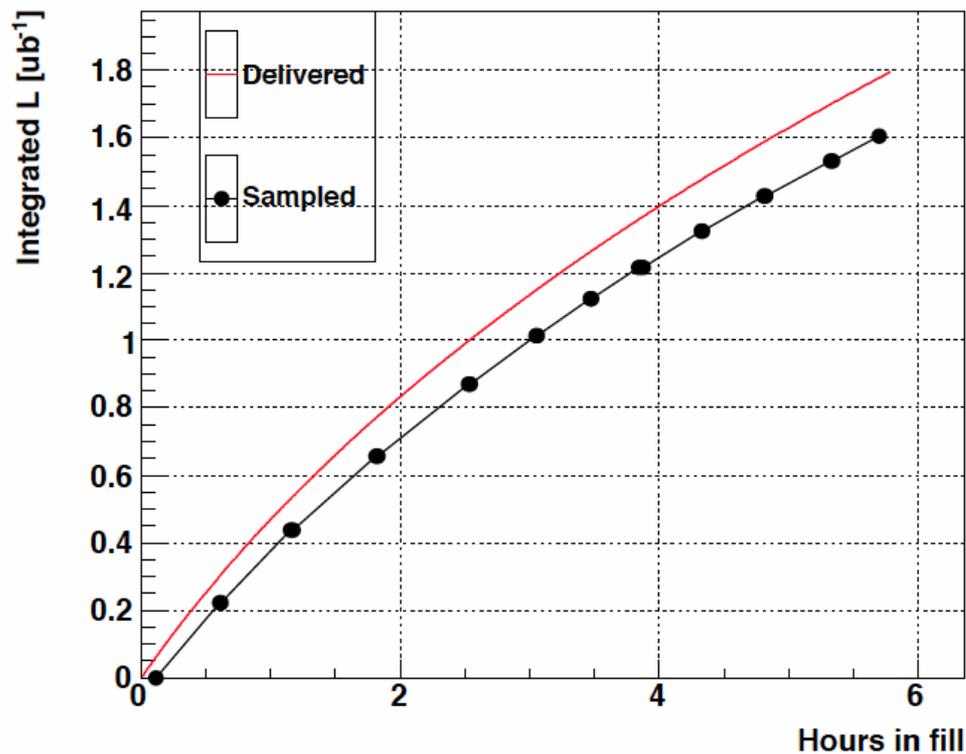
~ 2M most central 1% events recorded
~ 110M minimum bias events recorded



Delivered and Sampled Luminosity

Started Mon Apr 30 23:04:39 2012
Ended Tue May 1 04:51:36 2012
Fraction of L delivered while taking data: 0.931

Average sampling efficiency: 83%

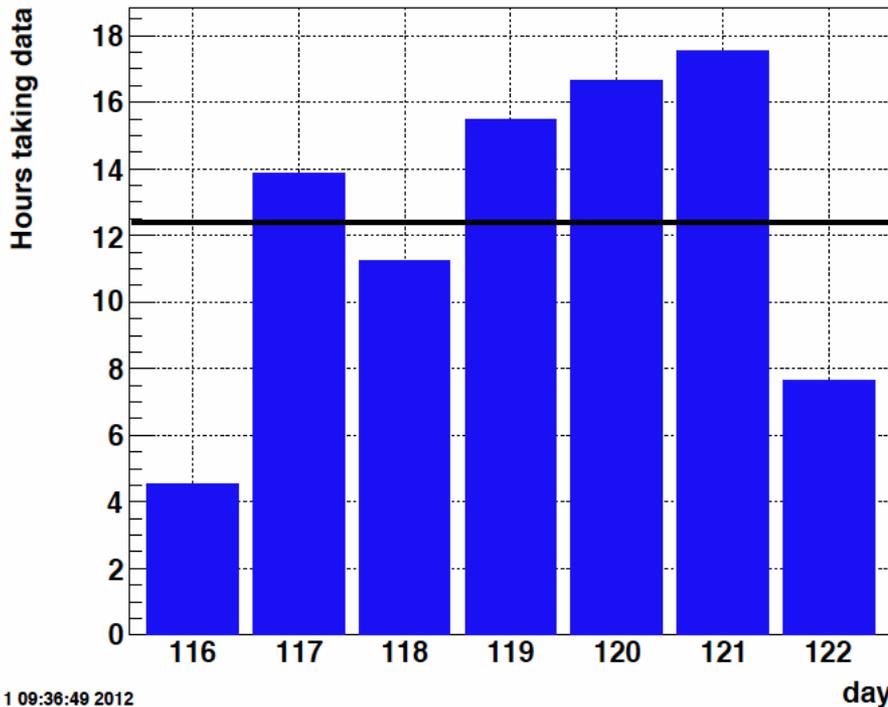


→ STAR is running well

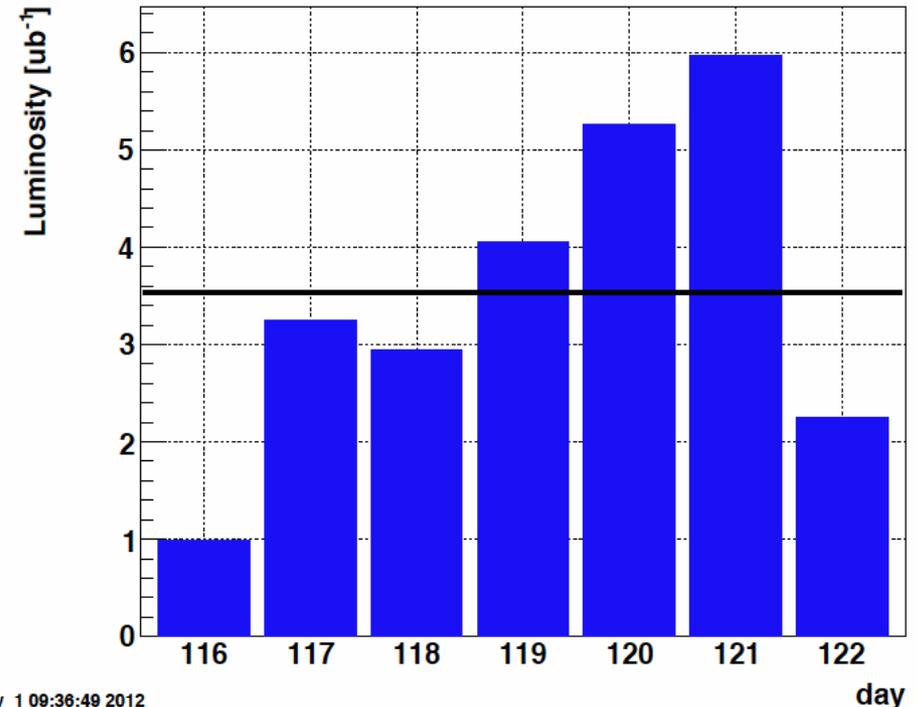


Operation and Luminosity Taken

Data taking hours per day



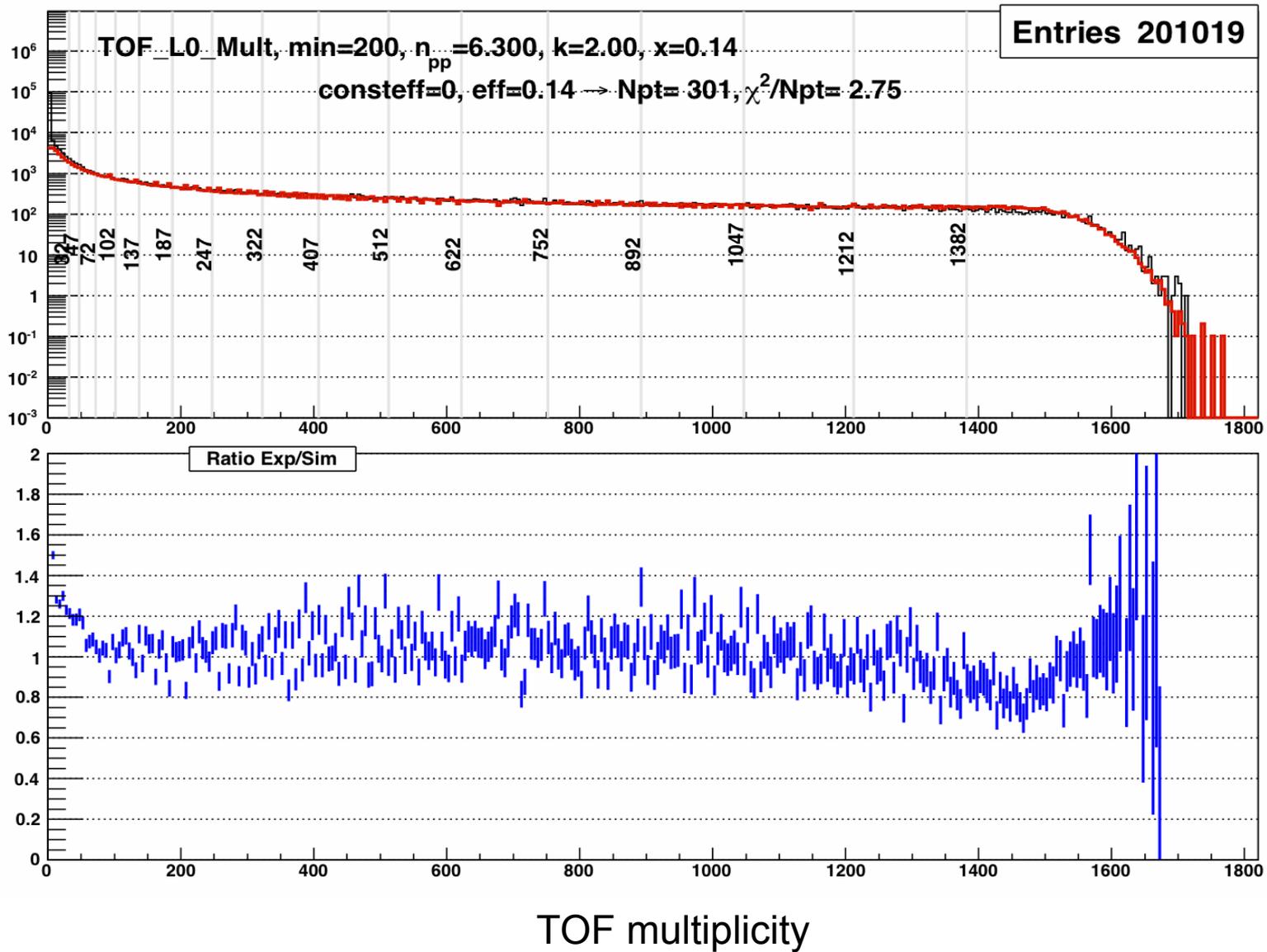
Luminosity taken per day



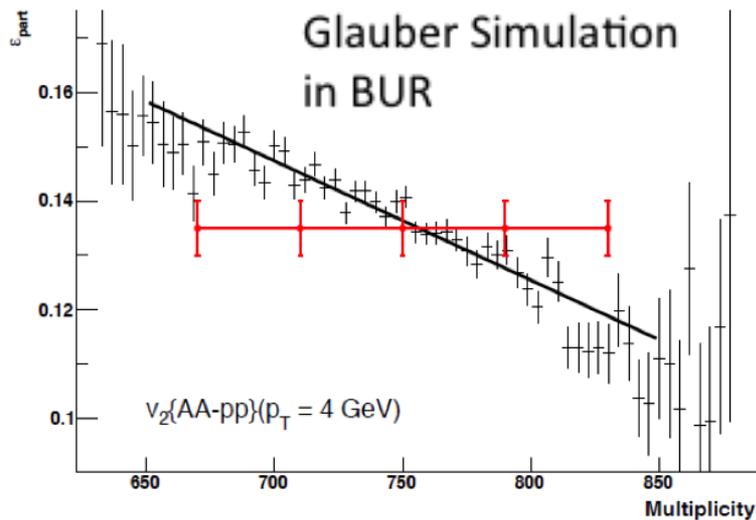
→ STAR is doing well
→ RHIC: Operational uptime and efficiency is good!



Centrality: Glauber Model



Selection of the Geometry



Online HLT tracking (~1.5 h data)
40.000 event of top 1%

