

AGS pp Status

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Time Meeting

Status

- Power Dip on Saturday around 3pm. Initially, outstanding issues were Booster cavities B3 and A6, AGS cold snake. We get reasonable polarization ($>70\%$) with low intensity. Working on extraction.
- AMS run lost Sunday operation and is making up today. NSRL operation starts tomorrow.
- No plan to have Au beam for RHIC in the near future.
- No resource to work on AGS polarimeter vertical motion, we can use it with slower speed (no slippery).
- We worked on AGS user2 with faster ramp. We will work on JQ timing next.
- The intensity for RHIC fill is increased gradually, to 2.2×10^{11} .
- We varied the scraping ratio in the Booster to see what is the optimized settings for $2.2E11$ intensity. The original settings are still the best. The AGS early tune was modified to reduce the vertical emittance at flattop is reduced by about 4%.

Emittance by IPM at Flattop with RF off

