

AGS/Booster Status

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Time Meeting

Status

- Polarization remained lower for past week: average of 65%. There were two low intensity ($2E11$) fills for RHIC on Friday, only the first one with higher polarization in RHIC, but it was a short one (4 hours).
- We are searching for possible reasons for the lower polarization lately. Currently, there are indications that the problem may be around first strong intrinsic resonance $0+$. We are going to investigate more this week.
- Au beam (8 Booster transfers) has been used for RHIC fill. $1.3E9$ /bunch is achieved.
- Siemens bearing maintenance was done yesterday.
- AGS polarimeter target replacement was done last Friday. One new target (V2) seems in bad shape already: emittance scan is not Gaussian. We are using V3 target (a regular target). Vacuum near polarimeter is at low $E-10$ level.
- Gas leak at all eIPM is ready for use.

AGS Polarization for RHIC Fills (Last Week)

