

Injector Status

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Time Meeting

Injector Status

- AGS was off last week to save power. AGS is back on yesterday for ruthenium development.
- Ruthenium was developed in the injectors starting last Thursday. This setup is very challenge setup for Tandem as the Ru96 natural abundance is only 5.5%. With 600us tandem pulse length(the pulse width can be set up to 1000us), we got **1E9/bunch at AGS late**.
- The BtA stripping efficiency is similar to Au.
- So far tandem has provided 4 pulses (4->2->1 merge) for AGS bunch merge setup. The plan for today is to use 8 pulses (for 8->4->2 bunch merge in the AGS).
- Au beam will be established tomorrow for RHIC operation.
- The cold snake temperature is up to 250K, closer to the point we can replace the cold head. We will try to replace it on Thursday to take advantage of the down time. The cool down after that should be more than one week.

Ruthenium Beam (4 Pulses) in the Booster



Ruthenium Beam (4 Pulses) in the AGS

