

Performance ... really 'Injectors' Perspective

present: Kip, Anatoli, Haixin, Leif; Jim drove out 2 days
(+ some seeped in this end – Thomas, Mike, ...)

issues:

highest interest –

future capability to produce other species to RHIC

deuterium and gold

others (silicon on silicon)

polarized proton

polarization – need 50%

(Haixin's talk, revisit with Siemens, etc., new
polarimeter, DH1 upgrade?)

transverse emittance at RHIC injection

medium interest (sometimes in the discussions) –

“Integrating” RHIC <-> Injectors

Look and Feel of Applications

Making Injector parameters more available in the RHIC

logging context

Tandem <-> MCR communication improvement

More input/ideas needed from Operations

Plans to increase the gold intensity available to RHIC

a priori - stroking for marginal gains (Tandem, Booster)

but: Brennan’s scheme from the last RHIC retreat and its evolution.

impact of Mode Switching on the RHIC program

Peter’s statistical analysis of impact of Mode Switching
‘irritated’ some experimenters

barely (or not) explicitly mentioned:

Injector upgrades to improve reliability (not explicitly motivated by the numbers)

AGS extraction bumps, septum

Injector “aging components” situation and resource allocation

Booster controls and instrumentation