

Uranium for RHIC Run12

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Latest U Intensities

- Booster Input: $4 \times 12.5e8 = 50e8$
- Booster Late: $4 \times 6.25e8 = 25e8$
- BTA Stripper efficiency = 0.36
- AGS Late: $4 \times 1.875e8 = 7.5e8$
- $1.9e8$ U ions for one RHIC bunch

Possible Improvement:

- Booster Input: $4 \times 12.5e8 = 50e8$
- Booster Late: $4 \times 9.00e8 = 36e8$
- BTA Stripper efficiency = 0.36
- AGS Late: $4 \times 3.0e8 = 12.0e8$
- $3.0e8$ U ions for one RHIC bunch
- Booster “Merge and Squeeze” could double this.