

Feasible Energies for the RHIC Low Energy Program

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| \sqrt{s} [GeV] | h | No. of experiments |
|------------------|-----|--------------------|
| 18.0 ... 100 | 360 | 2 |
| 11.34 ... 15.15 | 363 | 1 |
| 9.0 ... 10.55 | 366 | 1 |
| 7.71 ... 8.60 | 369 | 2 |
| 6.87 ... 7.47 | 372 | 1 |
| 6.27 ... 6.71 | 375 | 1 |
| 5.81 ... 6.15 | 378 | 2 |
| 5.45 ... 5.72 | 381 | 1 |
| 5.15 ... 5.38 | 384 | 1 |
| 4.91 ... 5.10 | 387 | 2 |

Extraction at or just slightly above AGS transition energy ($\gamma_t = 8.5$, corresponding to $\sqrt{s} = 15.8$ GeV) is not feasible. Fortunately, this blind spot coincides with the restrictions imposed by the RHIC RF tuning range.

Note: The RF tuning range with the new tuners still needs to be verified during the summer shutdown.