

SOS Quad Commissioning Plan

- 1) Take data without any sieve/collimator. Look at rates, focal plane distributions (compare to simulations), and reconstructed distributions (compare to simulations). We can check that the polarity of the magnet is correct here.
- 2) Take data with sieve slit in. If all the offsets/distances are known, we should know the position of the sieve holes well. While adjusting the magnet current, we can see how close to the correct sieve pattern we get using the previous reconstruction matrix. We can then optimize the optics from there.