

- Oct 3: removed aperture target from IBC at 2K with *Transfer Cryostat* (1<sup>st</sup> cold transfer in cave-2)
  - Oct 5-6: tested raster patterns – still peaked in the center - **Run 1 ends**
  - options under development for improved (flattened) raster:
    - manually remove some steps from the spiral raster that have small amplitude (radius)  
↔ Fernando Barbosa
    - mask off laser during  $\frac{1}{2}$  the raster cycles when the raster amplitude is small  
↔ Chris Cuevas, ...
- ↔ start Run 2 with two day study to optimize the raster

### Goals for next week:

- modify beamline before IBC: install HARP, install beam-limiting apertures, ...
- condense unpolarized HD target; transfer to IBC for NMR tuning (target will be cold-transferred out before the start of Run 2, and then transferred back after Raster studies)