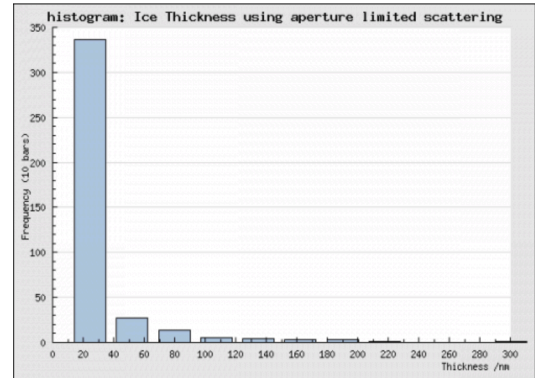# Chameleon grid screening session: n20jul30d

Processing workflow

cryoSPARC Ctffind4 for CTF estimation
cryoSPARC Blob picker for particle picking
cryoSPARC2 for 2D classes
Total number of particle picked: 627,702
Number of particles for 2D: 22,154

Ice thickness summary

2D classification

Please note: The grids prepared using the Chameleon show 2D classes that we expected from the full complex (red circles) but that we have not seen before in ice. The cyan circles represent classes associated with the subcomplex, the red circles represent the full complex. We have not seen the full complex classes before in ice, only in negative stain grids. We would like to collect a large enough data set to solve the structure of the full complex. Given the number of particles in the main classes, we expect an approximate 50/50 distribution of the full complex and the subcomplex.

Acknowledgements