## Observation plan

Our PV proposal for MCG6 was approved for a single 100-ks exposure at priority A. The observation is not a ToO, so it requires no trigger. We require no filter for Resolve and select 1/8 window mode for Xtend to avoid pile-up in case the source is caught in an historically high flux state.

## Immediate objectives

1. Determine whether relativistic reflection is seen in MCG6 using its time-averaged spectrum, time-resolved spectrum, RMS variability analysis and time lag analysis.
2. If relativistic reflection from the inner disk is seen, determine whether the black hole spin derived by XRISM is consistent with previous measurements.
3. Characterize the holistic properties of the warm absorber, including saturation and partial-covering effects, to determine the total energetic output of the outflowing wind; investigate the outflow energy and momentum transfer mechanism through the ISM by comparing the momentum rate of the X-ray warm absorber and that of the molecular outflow.
4. Measure any differences between the inner and outer disk geometries.