

Circinus Galaxy

Observation plan

- We perform a 100 ksec continuous observation.
- Resolve: no filter
- Xtend: full window mode

Immediate objectives

- [1] determine torus structure from the Fe-K line profile including Compton shoulder
- [2] determine metal abundances in the torus region and detect signals from polar dusty outflow, using neutral fluorescence lines of multiple elements
- [3] determine kinetics of photoionized plasma using emission lines from highly ionized ions