

M 81*

Observation plan

name	RA	DEC	Exposure	Filter	MXS
M81* (Pri-C)	09 55 33.18	+69 03 55.3	100 ks	OBF filter	None

note:

OBF filter is required, and we request 1/8-frame Xtend data

Immediate objectives

- [1] reveal the location of the neutral or low-ionization gas.
- [2] measure the line shifts of H-like Fe XXVI and He-like Fe XXV
- [3] measure their width of shifted lines
- [4] reveal the geometry and dynamics of a radiatively inefficient accretion flow (RIAF) onto a black hole