

TANSPEC COMMISSIONING

(cycle 2020-DOT-C2)

1. Spectroscopic sensitivity :

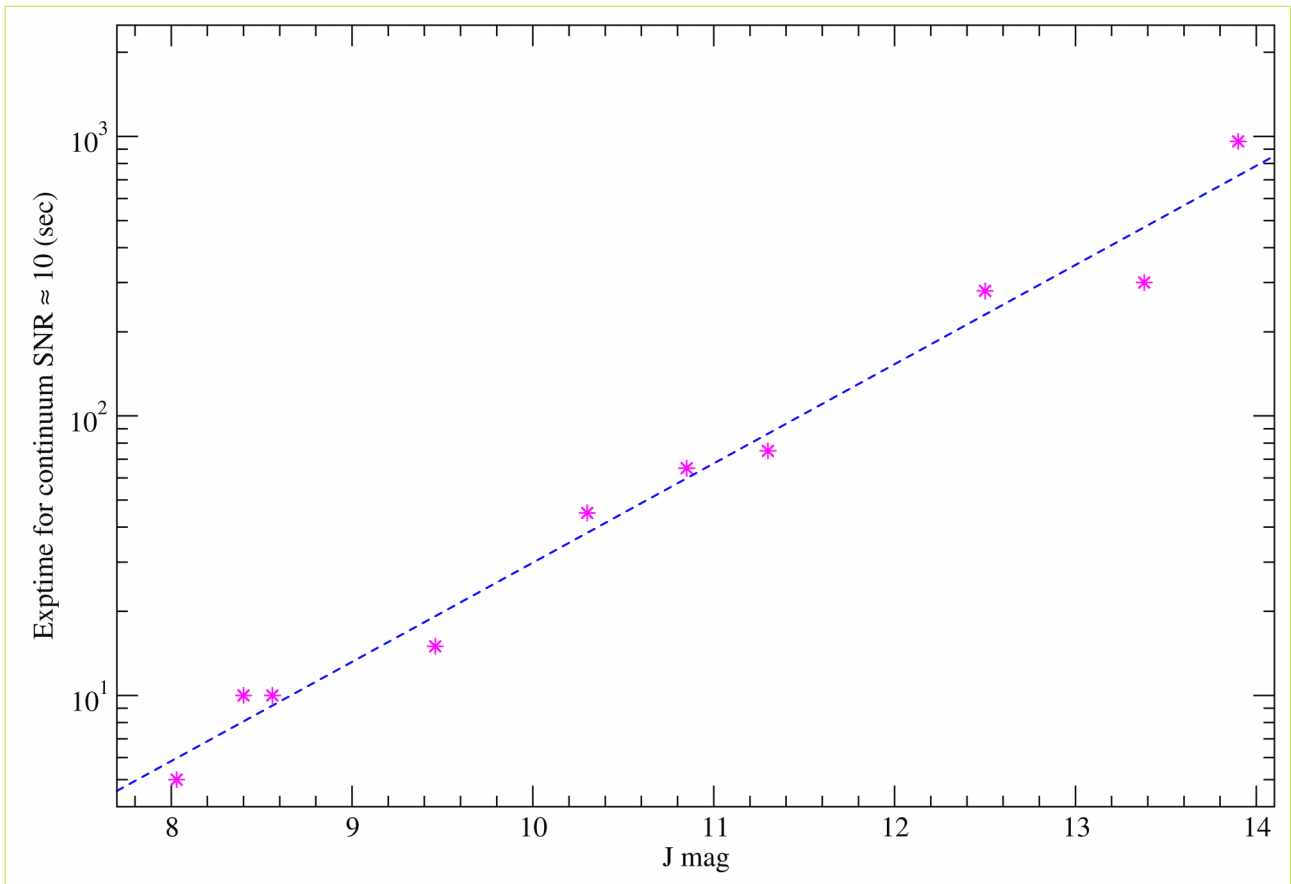


Figure 1: Exposure time for a continuum SNR ~ 10 in the J-band versus J-band magnitude plot for TANSPEC XD-mode observations (Slit 0.5 arcsec).

2. Resolution:

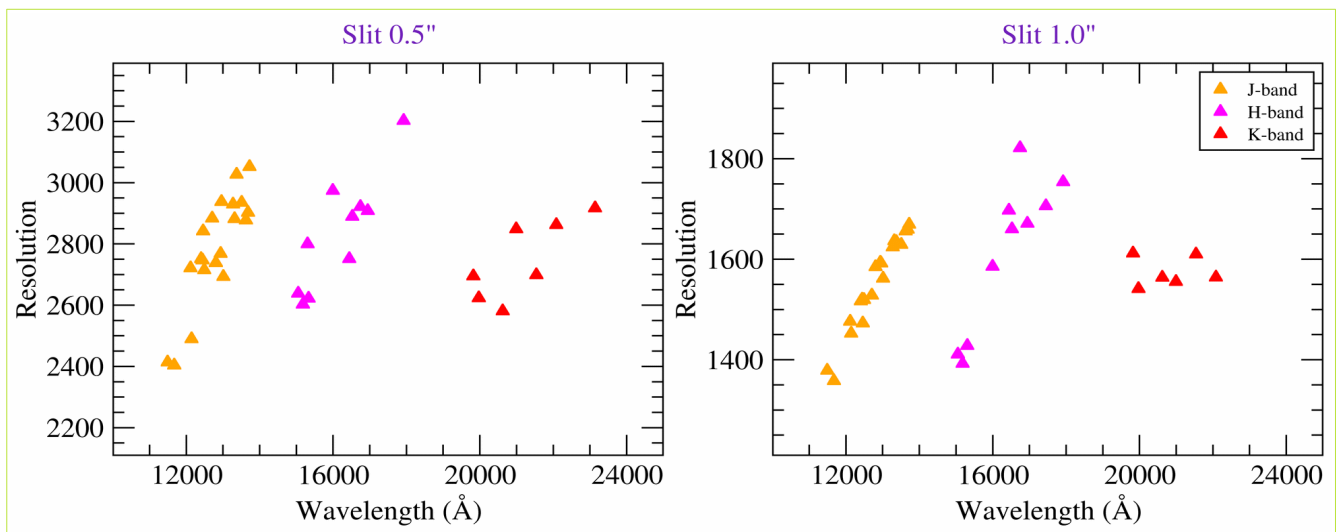


Figure 2: Resolution versus wavelength plot for the slit of width 0.5 arcsec (left) and 1.0 arcsec (right) in XD-mode. Ar-lamp is used for resolution estimation.