Normalised Transmission Spectrum (showing diffraction grating orders) of CH4 at 100x solar metallicity, 0.5 C/O ratio 1.00000 0.99998 0.99996 Normalised Flux 0.99994-0.99992 0.99990 Spectrum 0.99988 Minimum of order Maximum of order 2000 2020 2040 2060 2100 2080

Wavelength (nm)