

### **disk: accretion disk, black body**

The spectrum from an accretion disk, where the opacities are dominated by free-free absorption, i.e., the so-called blackbody disk model. Not correct for a disk around a neutron star.

par1	accretion rate in Eddington Luminosities
par2	central mass in solar mass units
par3	inner disk radius in gravitational (= 3 Schwarzschild radii)
norm	$2 \cos i / d^2$ where $i$ is the inclination of the disk and $d$ is the distance in units of 10 kpc