

compbb: Comptonization, black body

Comptonized blackbody model by Nishimura, Mitsuda and Itoh, 1986, PASJ, 38, 819. The electron temperature should normally be kept fixed since the Compton y parameter is the product of the electron temperature and optical depth.

par1	blackbody temperature (keV)
par2	electron temperature of the hot plasma (keV)
par3	optical depth of the plasma
norm	$(L_{39}/D_{10})^2$, where L_{39} is the source luminosity in units of $10^{39} \text{ ergs}^{-1}$ and D_{10} is the distance to the source in units of 10 kpc (the same definition used for the bbodyrad model)