

- **gabs: gaussian absorption line**

$$M(E) = \exp\left(-\left(\frac{par3}{\sqrt{2\pi} par2}\right) \exp\left(-.5\left((E - par1)/ par2\right)^2\right)\right)$$

where :

par1 = line energy in keV  
 par2 = line width (sigma) in keV  
 par3 = optical depth