

absori: ionized absorber

An ionized absorber based on that of Done et al. (1992, ApJ 395, 275) and developed by Magdziarz & Zdziarski. See also Zdziarski et al. (1995, ApJ 438, L63). Photoionization rates are from Reilman & Manson (1979, ApJS 40, 815), who employ the Hartree-Slater approximation (accurate to about 5%), and recombination rates are from Shull & Steenburgh (1982, ApJS 48, 95). The cross sections are extrapolated with E^{-3} above 5 keV. The abundances are set up by the command abund. Send questions or comments to aaz@camk.edu.pl

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| par1 | power-law photon index. |
| par2 | Hydrogen column in units of 10^{22}cm^{-2} |
| par3 | Absorber temperature in K. |
| par4 | Absorber ionization state (L/nR^2), see Done et al. (1992) |
| par5 = z | redshift. |
| par6 | Iron abundance relative to that defined by the command abund |