

rdblur: convolve with the diskline model shape

A convolution model to smooth a spectrum by relativistic effects from an accretion disk around a non-rotating black hole.. Modified from diskline model (Fabian et al., MNRAS 238, 729) by Andy Fabian and Roderick Johnstone.

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| par1 | Index: power law dependence of emissivity (scales as R^{par1}) . If this parameter is 10 or greater then the accretion disk emissivity law $\left(1 - \sqrt{6/R}\right)/R^3$ is used. |
| par2 | inner radius (units of GM/c^2) |
| par3 | outer radius (units of GM/c^2) |
| par4 | inclination (degrees) |