



AHELP for CIAO 3.4

delta2d

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Synopsis

2–D delta function. Integration ON.

Description

A 2–D delta–function model:

$$f(x, y) = A$$

if $x=x_o$ and $y=y_o$,

and,

$$f(x, y) = 0$$

otherwise.

with

$$\int_{-\infty}^{+\infty} \int_{-\infty}^{+\infty} dx dy f(x, y) = A$$

DELTA2D Parameters

Number	Name	Description
1	xpos	x position x_o
2	ypos	y position y_o
3	ampl	amplitude A

See "ahelp integrate" for further information about source model integration.

Bugs

See the [Sherpa bug pages](#) online for an up–to–date listing of known bugs.

See Also

sherpa

[atten](#), [bbody](#), [bbodyfreq](#), [beta1d](#), [beta2d](#), [box1d](#), [box2d](#), [bpl1d](#), [const1d](#), [const2d](#), [cos](#), [delta1d](#), [dered](#), [devaucouleurs](#), [edge](#), [erf](#), [erfc](#), [farf](#), [farf2d](#), [fpsf](#), [fpsf1d](#), [frmf](#), [gauss1d](#), [gauss2d](#), [gridmodel](#), [hubble](#), [jdpileup](#), [linebroad](#), [lorentz1d](#), [lorentz2d](#), [models](#), [nbeta](#), [ngauss1d](#), [poisson](#), [polynom1d](#), [polynom2d](#),

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powlaw1d, ptsrc1d, ptsrc2d, rsp, rsp2d, schechter, shexp, shexp10, shlog10, shloge, sin, sqrt, stephi1d, steplo1d, tan, tpsf, tpsf1d, usermodel, xs, xsabsori, xsacisabs, xsapec, xsbapec, xsbody, xsbodyrad, xsbextrav, xsbextriv, xsbknpower, xsbsmc, xsbremss, xsbvapec, xsc6mekl, xsc6pmekl, xsc6pvmkl, xsc6vmekl, xscabs, xscemekl, xscvmmkl, xscflow, xscmpbh, xscmpls, xscmpst, xscmpstt, xscconstant, xscutoffpl, xscyclabs, xsdisk, xsdiskbb, xsdiskline, xsdiskm, xsdisko, xsdiskpn, xsdust, xsedge, xsequil, xsexpabs, xsexpdec, xsexpfac, xsgabs, xsgaussian, xsgnei, xsggrad, xsgrbm, xshighecut, xshrefl, xslaor, xslorentz, xsmeka, xsmekal, xsmkcfLOW, xsnei, xsnotch, xsnpshock, xnsna, xnnteea, xspcfabs, xspgpwrlw, xspextrav, xspextriv, xsphabs, xsplabs, xsplcabs, xsposm, xspowerlaw, xspshock, xspwab, xstraymond, xstredden, xstredge, xstrefsch, xssedov, xssmedge, xsspline, xssrcut, xssresc, xssssice, xsststep, xstbabs, xstbgrain, xstbvarabs, xsvvred, xsvapec, xsvvarabs, xsvbremss, xsvsequil, xsvgnei, xsvmcfLOW, xsvmeka, xsvmekal, xsvnei, xsvnpshock, xsvphabs, xsvpshock, xsvraymond, xsvsedov, xswabs, xswndabs, xsxion, xszbbody, xszbremss, xszedge, xszgauss, xszhighect, xszpcfabs, xszphabs, xszpowerlw, xsztbabs, xszvarabs, xszvfeabs, xszvphabs, xszwabs, xszwndabs

slang

usermodel

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URL:
<http://cxc.harvard.edu/ciao3.4/delta2d.html>
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