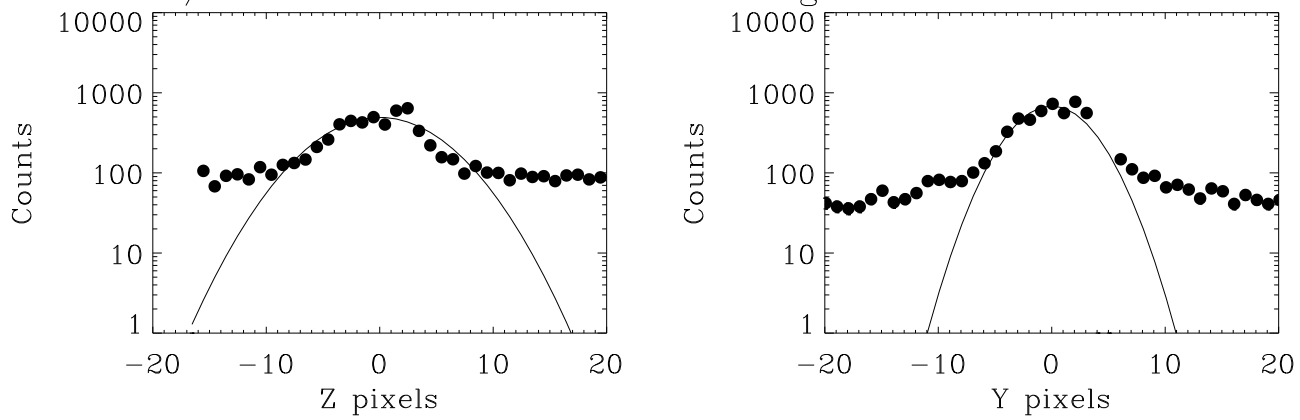
H-IAS-PW-1.043/H-IAS-PW-1.043_02346.fits_img.fits



All measurements in pixels

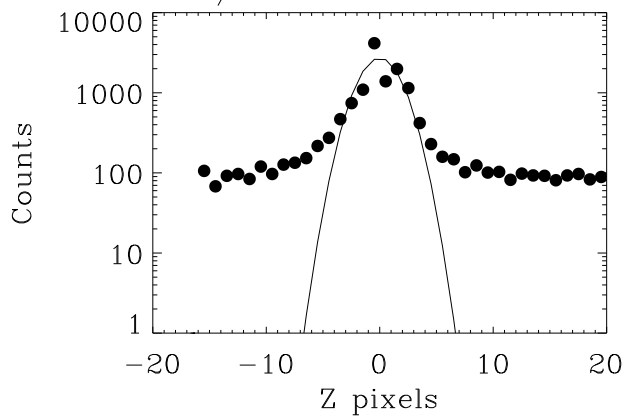
Z gaussian FWHM = 11.288460

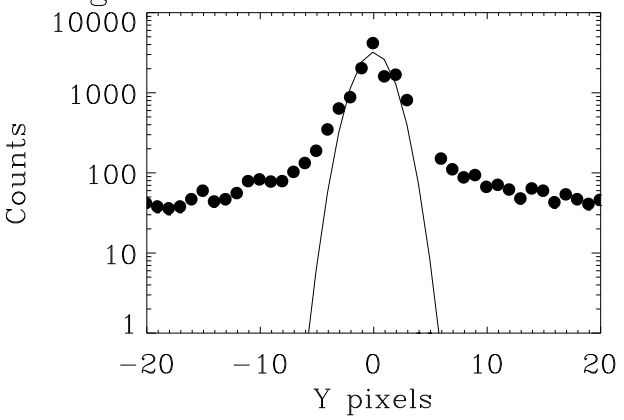
Y gaussian FWHM = 7.1444926

Z fit parameters: Amplitude= 493 Offset= 16 Sigma= 4

Y fit parameters: Amplitude= 686 Offset= 22 Sigma= 3

H-IAS-PW-1.043/H-IAS-PW-1.043_all.fits_img.fits





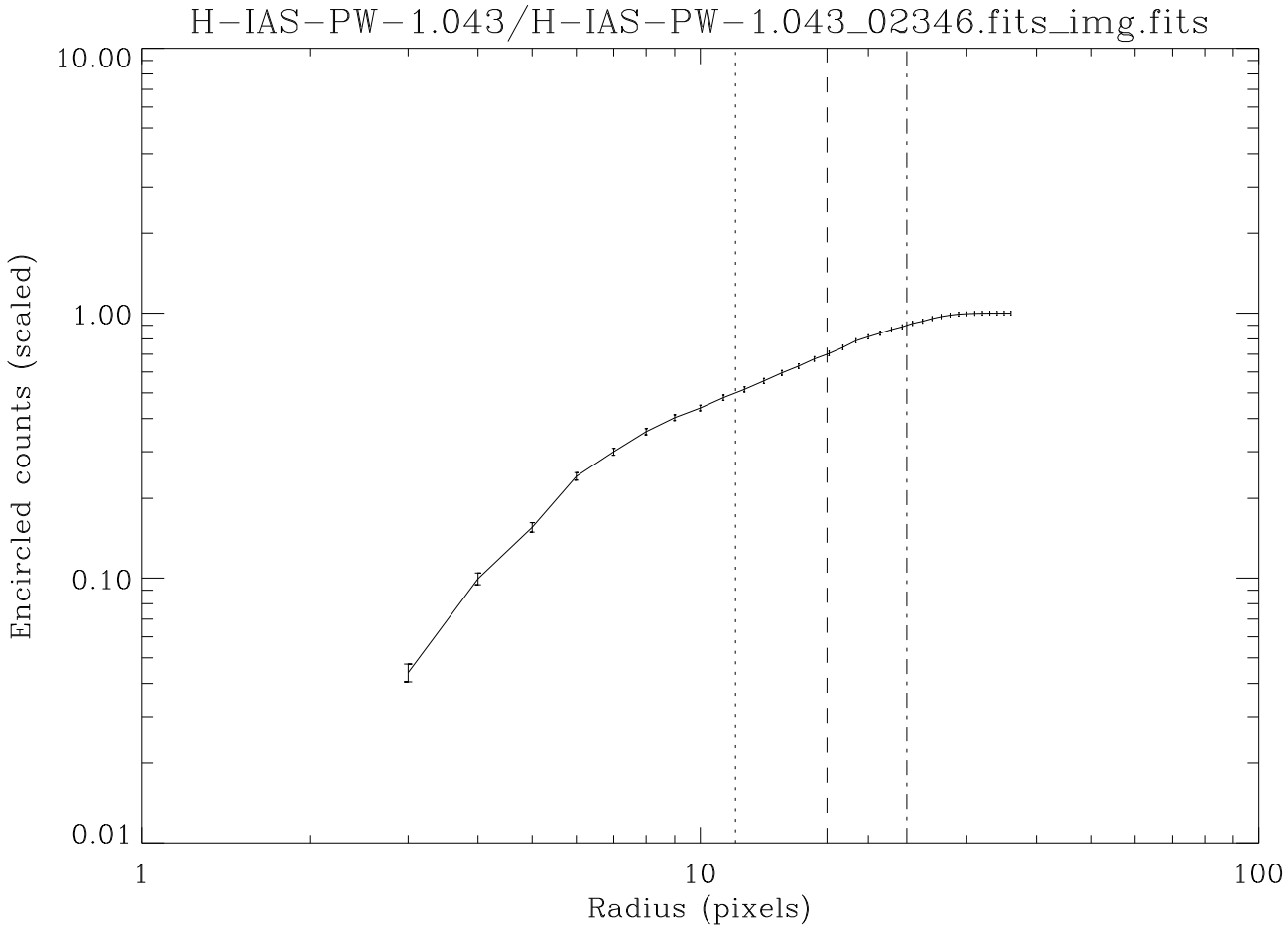
All measurements in pixels

Z gaussian FWHM = 3.9597761

Y gaussian FWHM = 3.3738452

Z fit parameters: Amplitude= 2724 Offset= 16 Sigma= 1

Y fit parameters: Amplitude= 3213 Offset= 23 Sigma= 1



Encircled energy radii in pixels

50% radius = 11.5625

70% radius = 16.8605

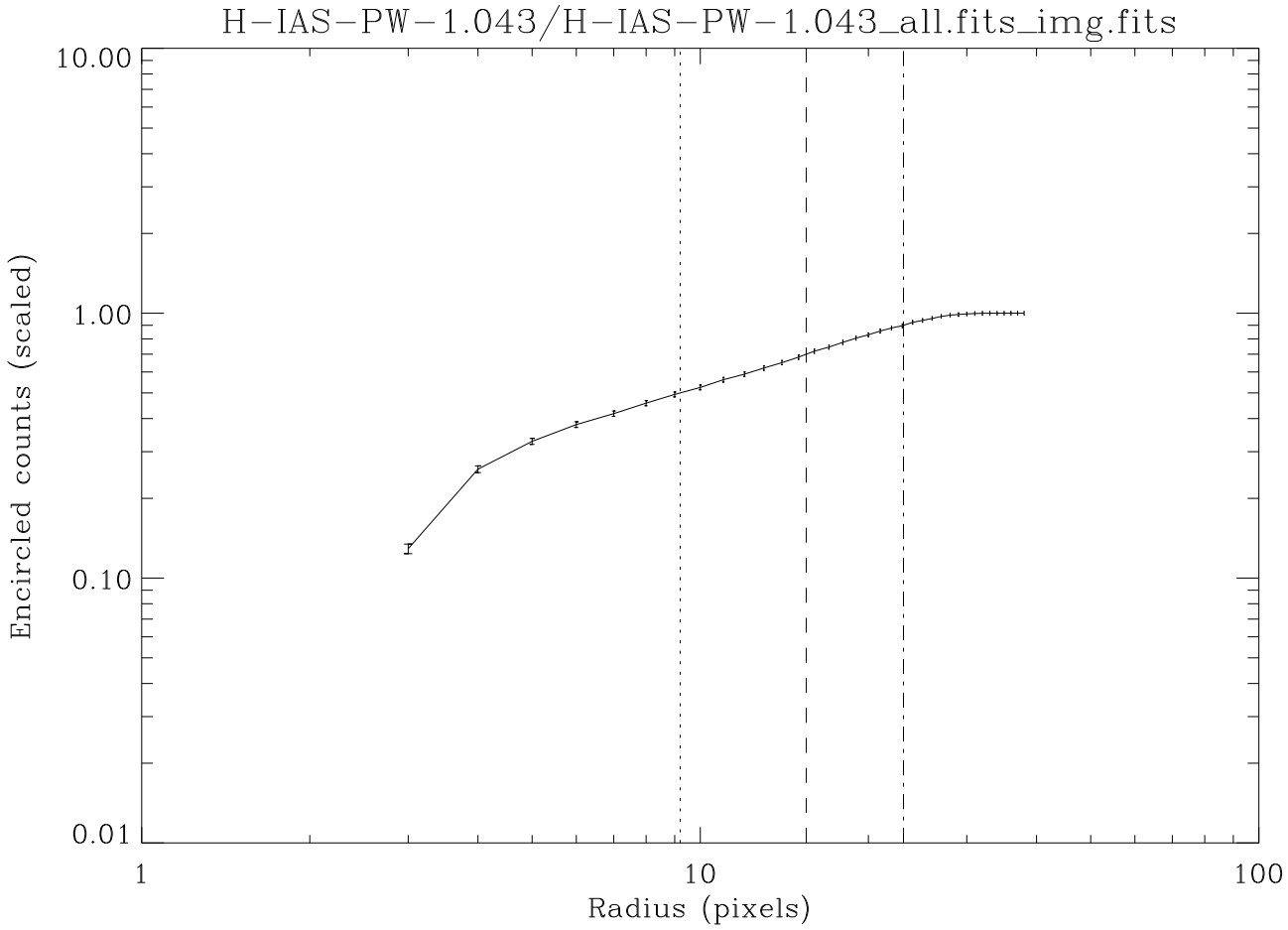
90% radius = 23.4347

Encircled energy radii in microns

50% radius = 277.500

70% radius = 404.652

90% radius = 562.432



Encircled energy radii in pixels

50% radius = 9.21014

70% radius = 15.4787

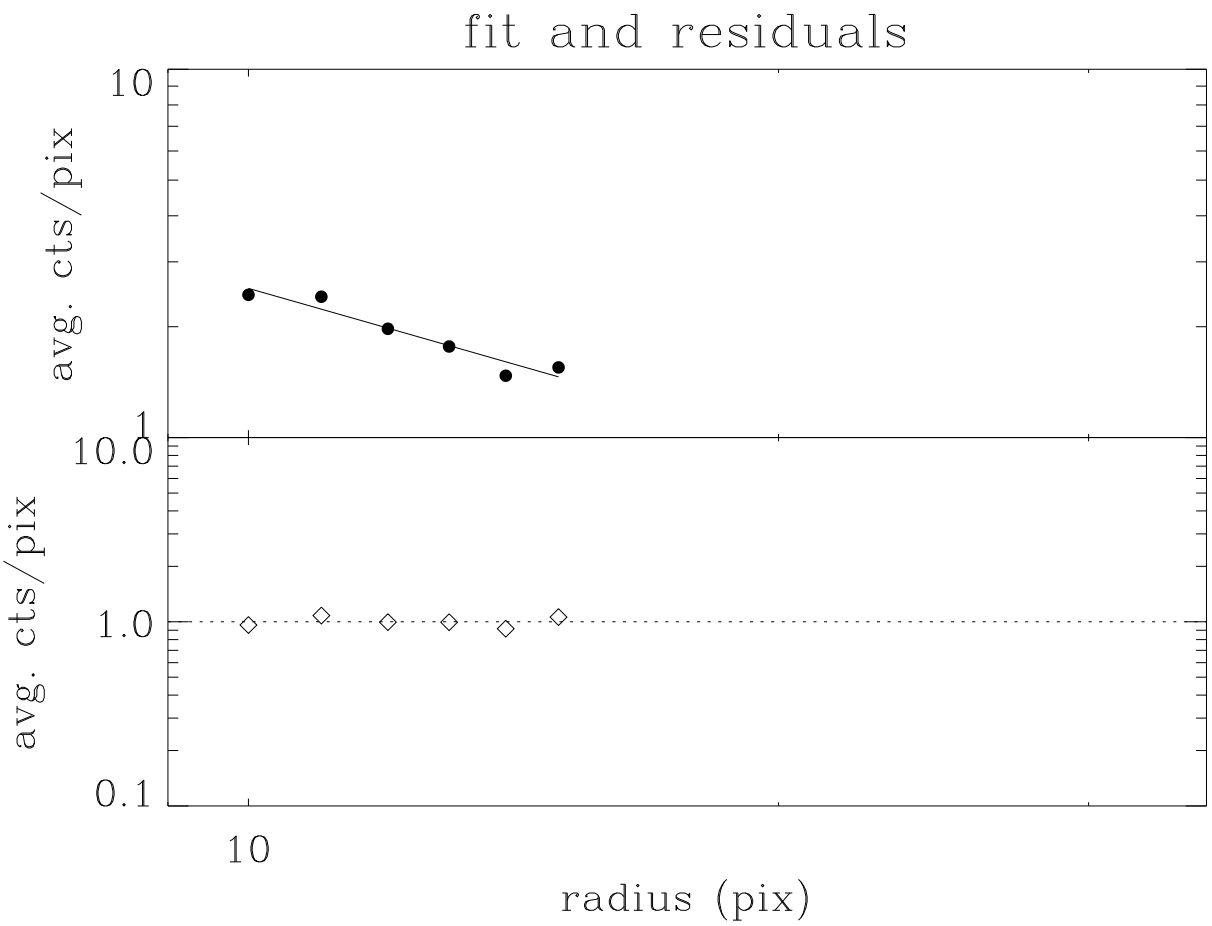
90% radius = 23.1119

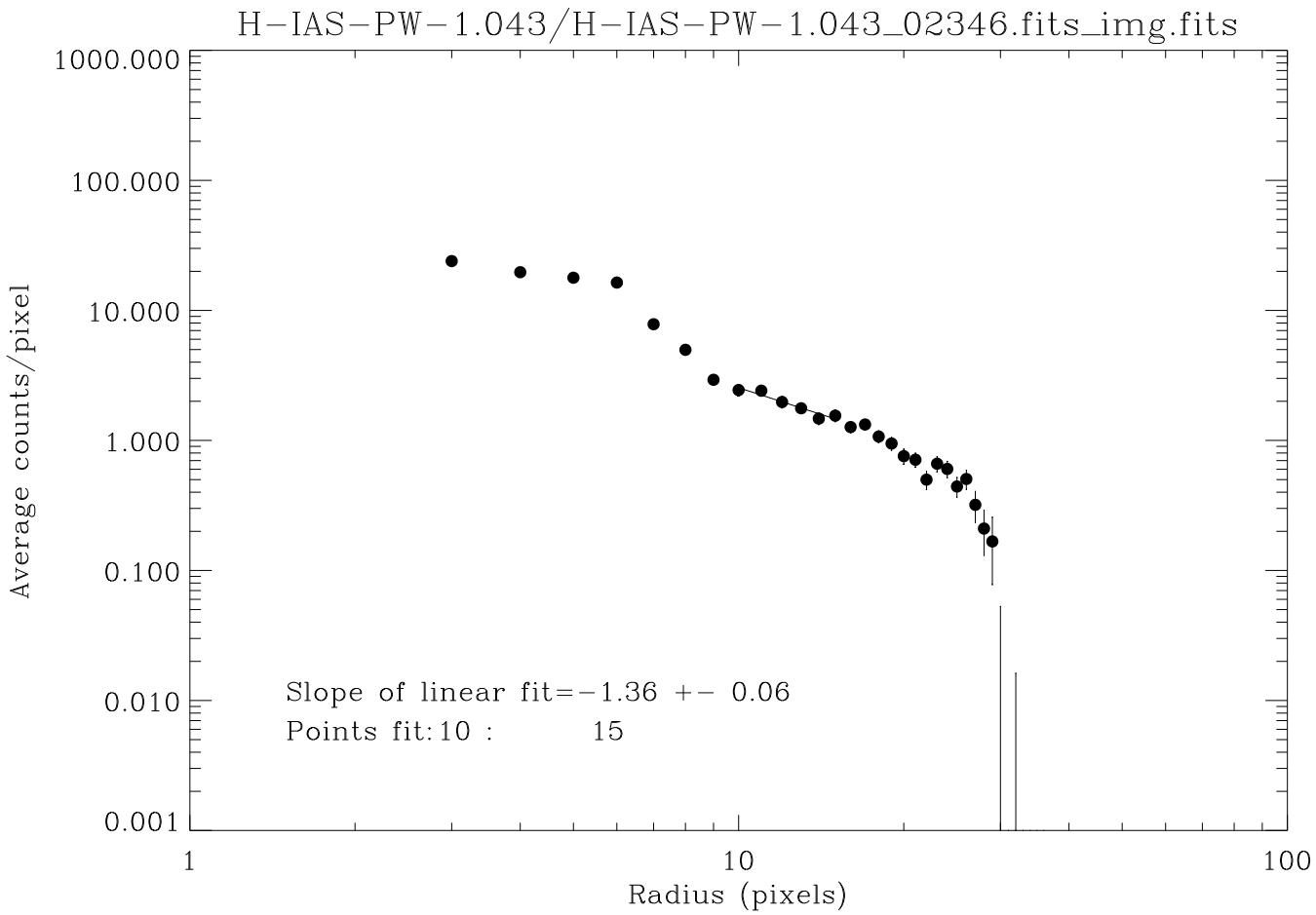
Encircled energy radii in microns

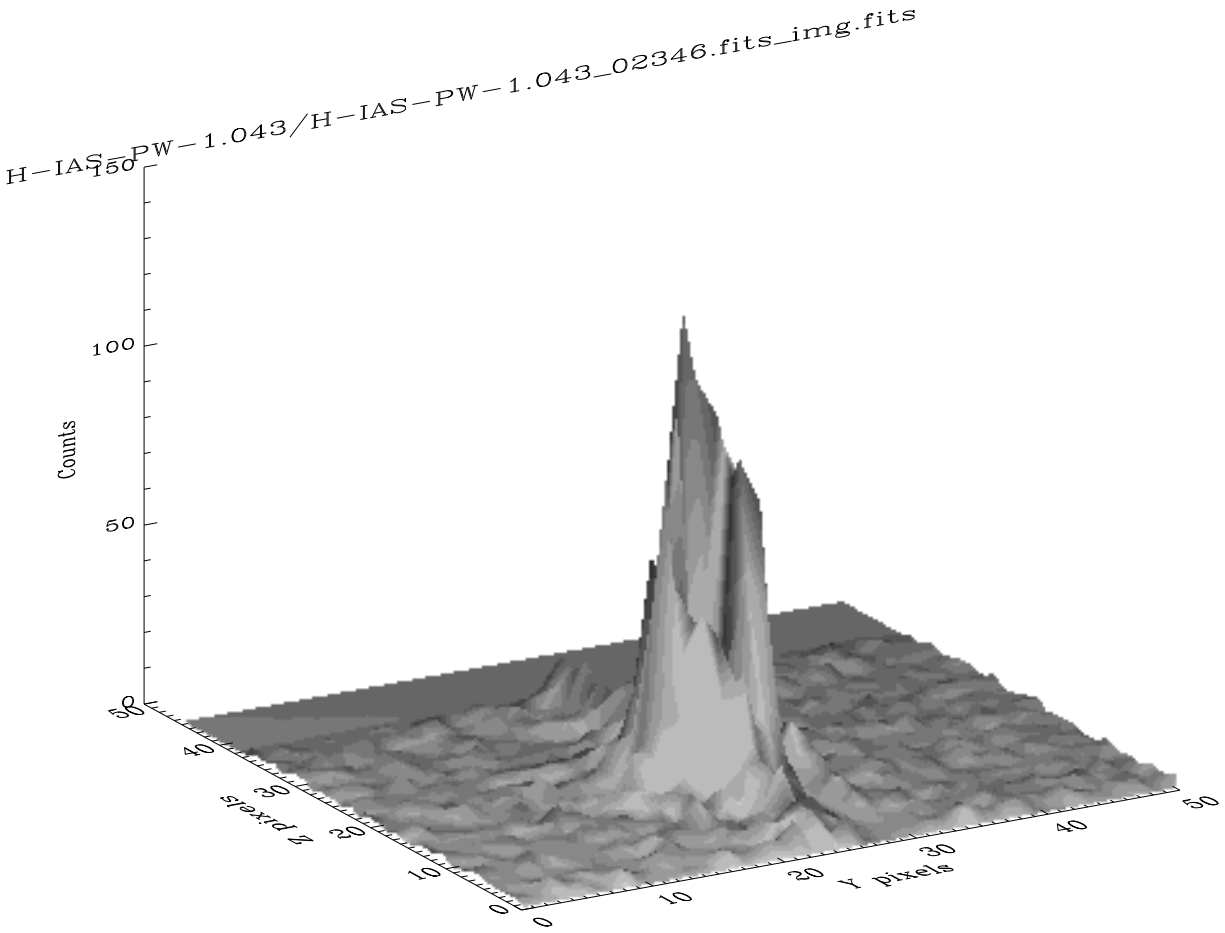
50% radius = 221.043

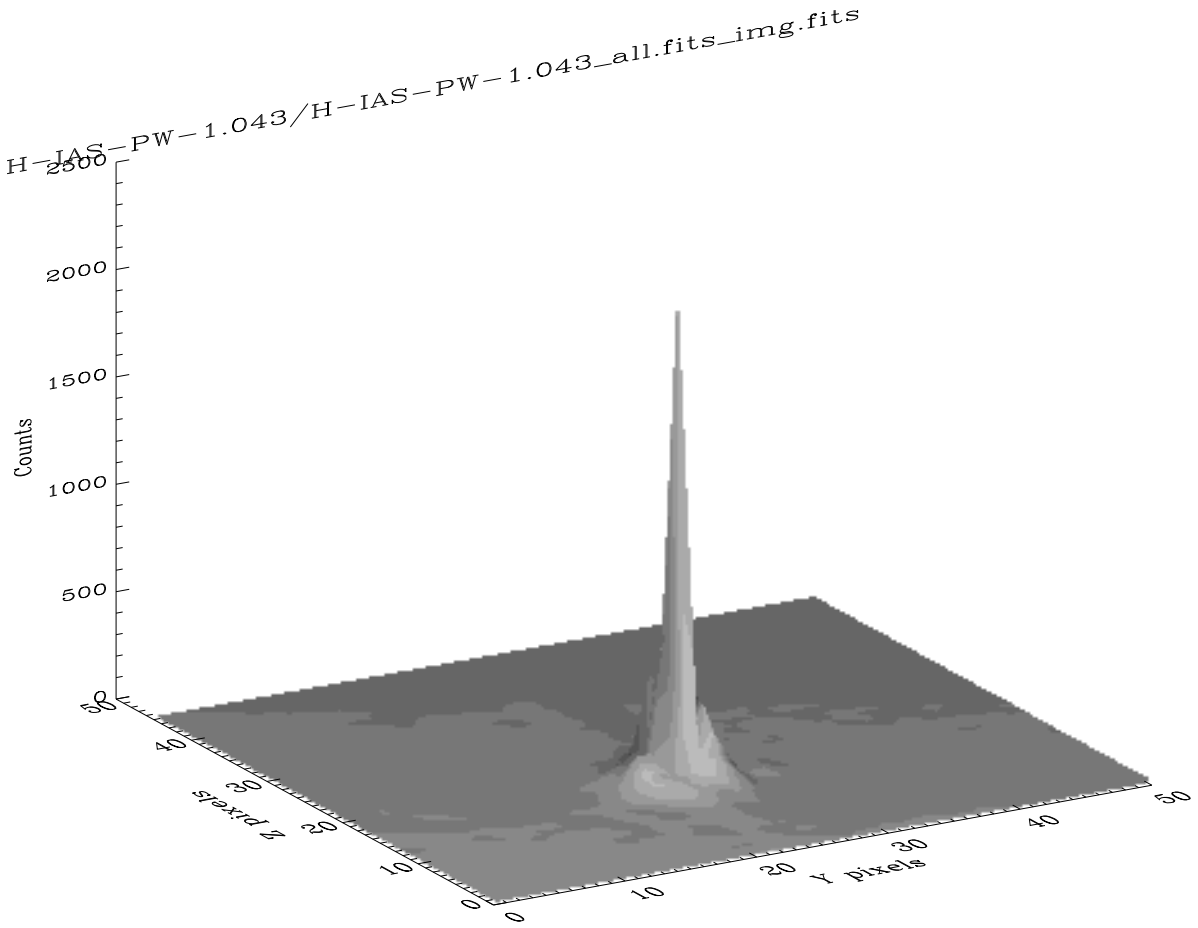
70% radius = 371.490

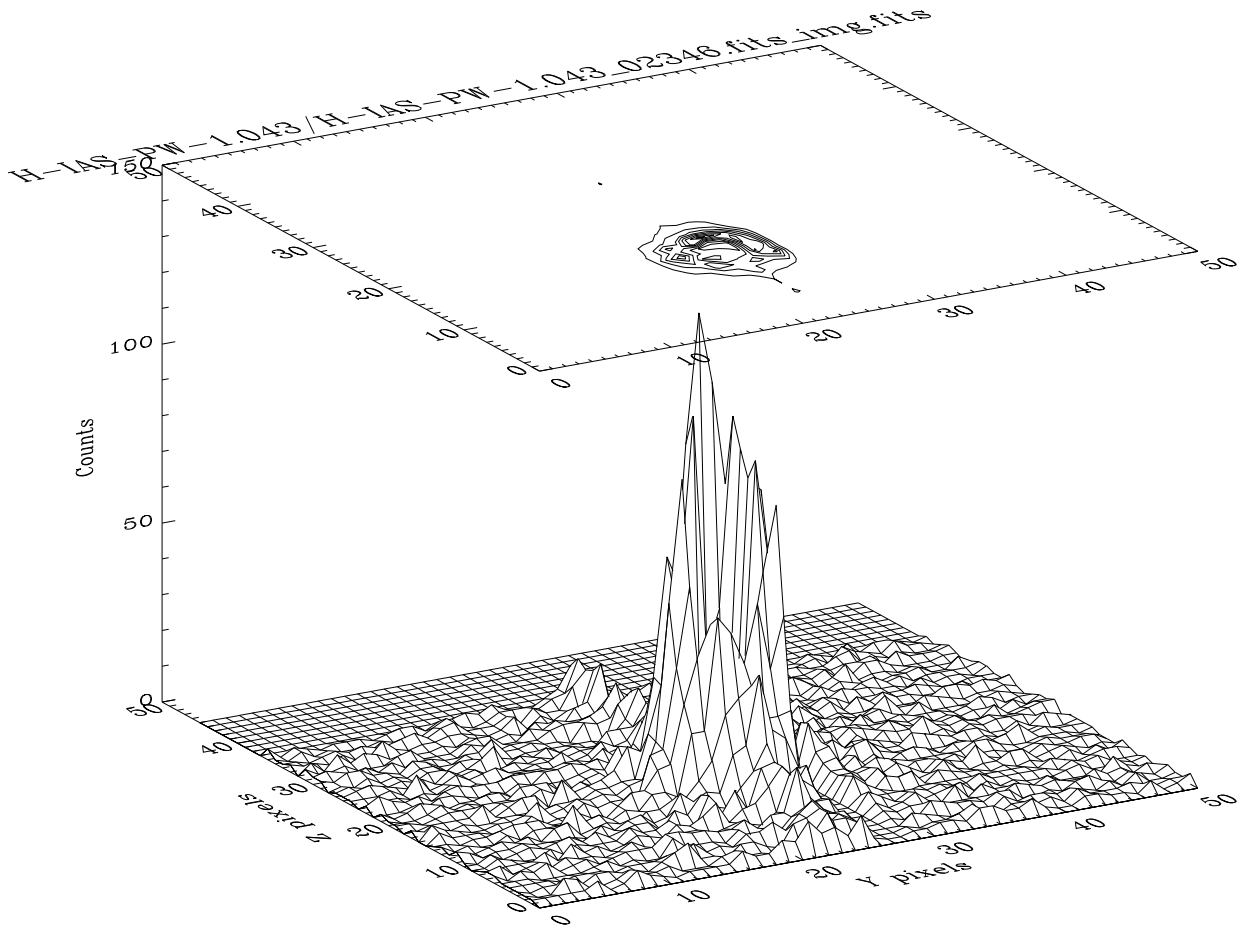
90% radius = 554.685

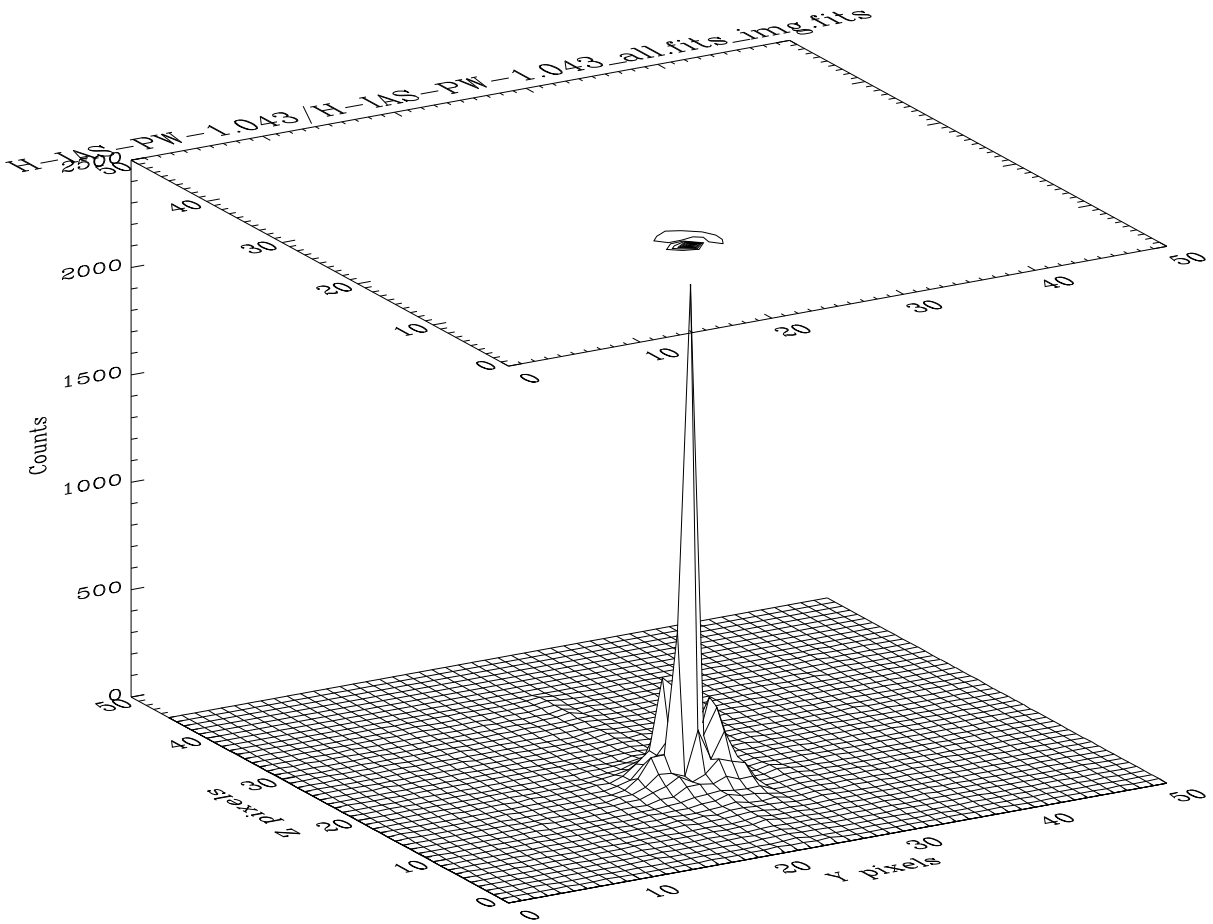

fit and residuals
10
1
avg. cts/pix
10.0
1.0
0.1
avg. cts/pix
10
radius (pix)

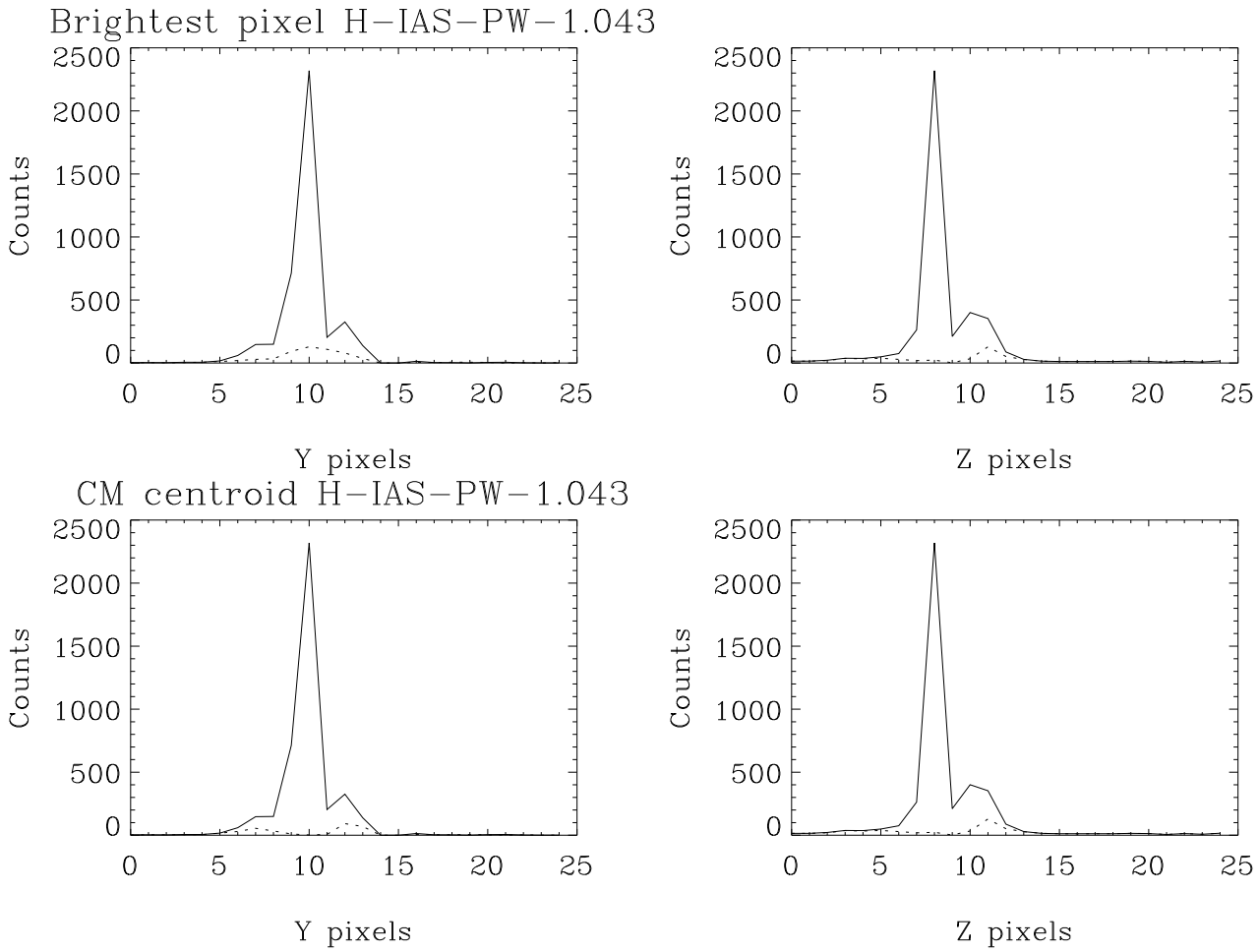

H−IAS−PW−1.043/H−IAS−PW−1.043_02346.fits_img.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
Slope of linear fit=−1.36 +− 0.06
Points fit:10 : 15
1
10
100
Radius (pixels)


H-IAS-PW-1.043/H-IAS-PW-1.043_02346.fits_img.fits
Counts
150
100
50
0
Z pixels
50
40
30
20
10
0
0
10
20
30
40
50
Y pixels


H-IAS-PW-1.043/H-IAS-PW-1.043_all.fits_img.fits
Counts
2500
2000
1500
1000
500
0
Z pixels
0
10
20
30
40
50
Y pixels


H-IAS-PW-1.043/H-IAS-PW-1.043_02348.fits_img.fits
Counts
Z pixels
Y pixels


FI-1AS-PW-1.043/FI-1AS-PW-1.043_all.fits_img.fits
Counts
2500
2000
1500
1000
500
0
X pixels
Y pixels
0
10
20
30
40
50



Solid lines: all grades, dotted lines: g=02346

Brightest pixel (Y,Z)

All grades	10	8
Std. grades	10	11

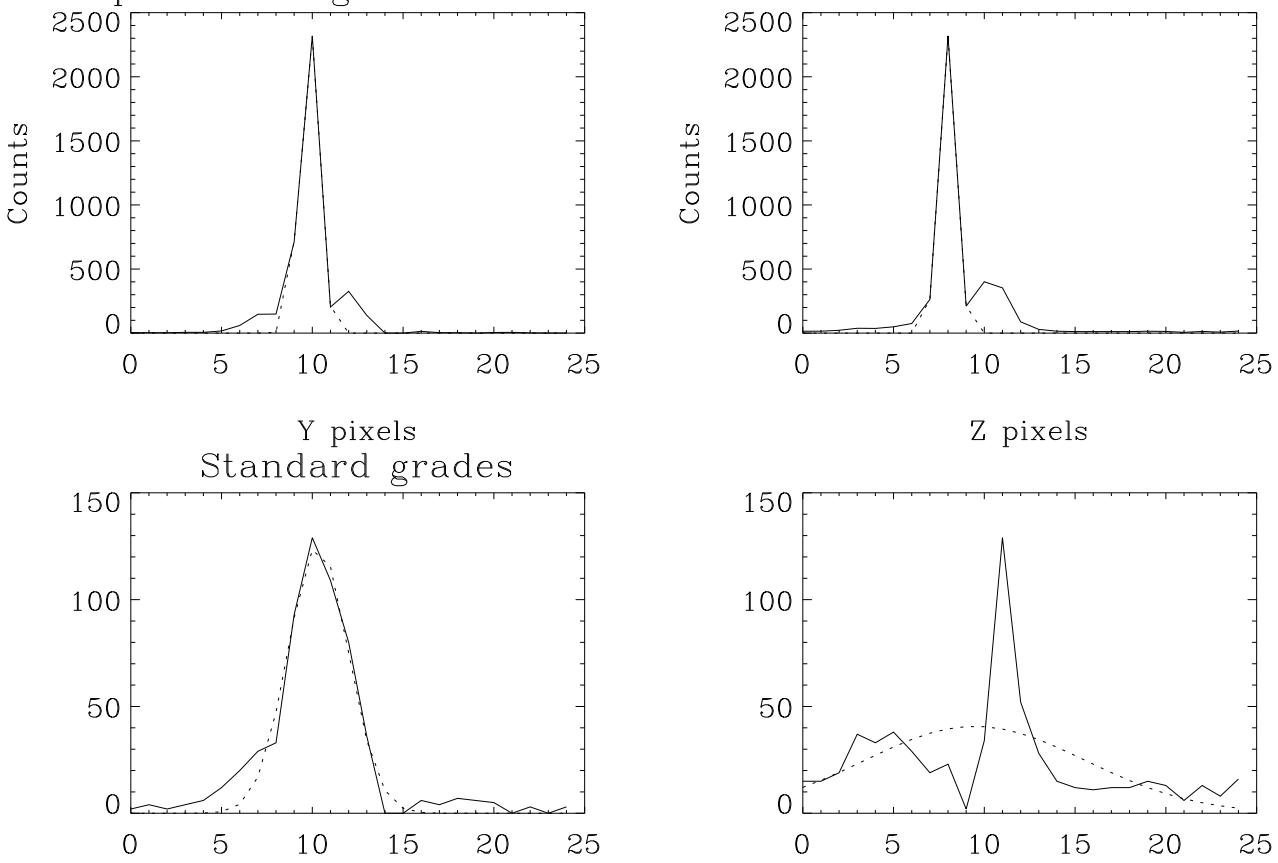
CM Centroid (Y,Z)

All grades	10.1728	8.90126
Std. grades	10.2787	9.42089

Brightest pixel maxima

All grades:	2319
Std. grades:	129

Brightest pixel - All grades H-IAS-PW-1.043



Total counts (area under gaussians, shown by dotted line)

	Integrated	Analytical
All Y	2559.8901	3240.0176
Std Y	521.58540	522.26998
All Z	2119.8472	2723.7993
Std Z	579.02552	621.50893

	amplitude	offset	sigma	FWHM
All Y:	2442.3811	9.8285776	0.52922945	1.2458062
Std Y:	125.64050	10.319075	1.6583472	3.9037496
All Z:	2321.8424	7.9762839	0.46800709	1.1016887
Std Z:	40.696939	9.4849466	6.0925022	14.341751