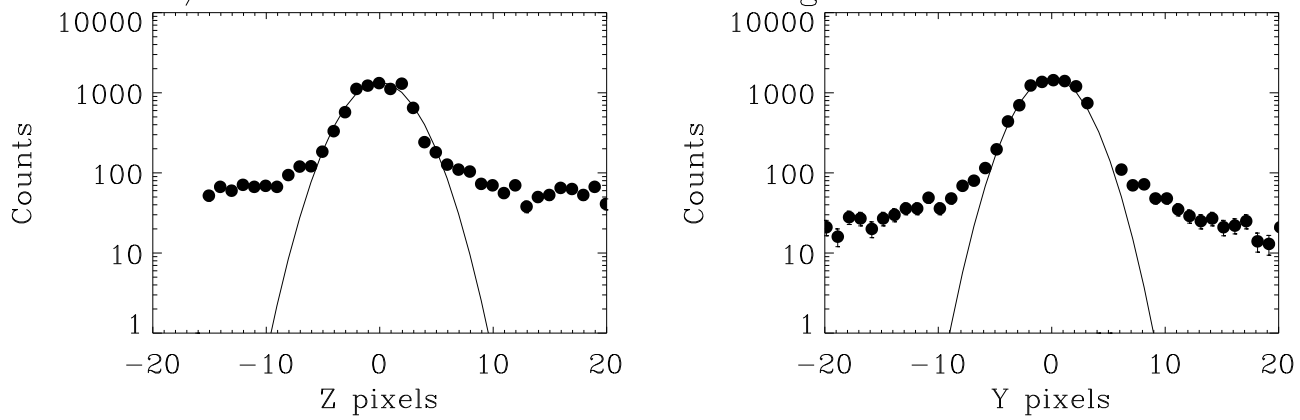
H-IAS-PW-1.044/H-IAS-PW-1.044_02346.fits_img.fits



All measurements in pixels

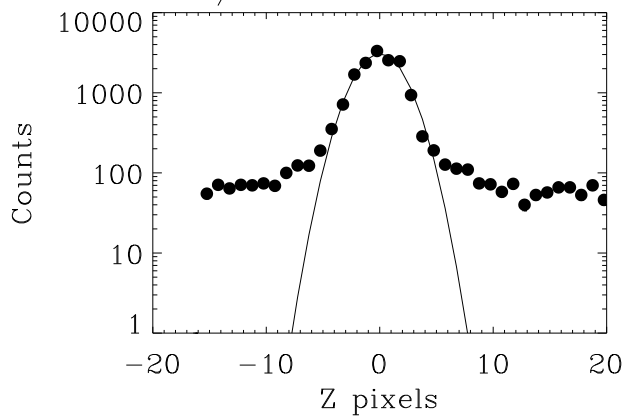
Z gaussian FWHM = 5.9433714

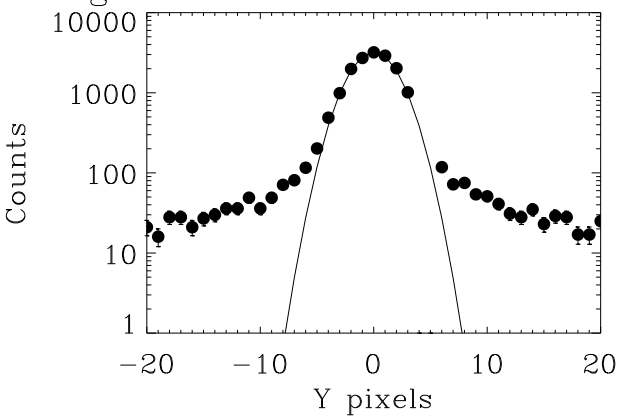
Y gaussian FWHM = 5.5230633

Z fit parameters: Amplitude= 1362 Offset= 16 Sigma= 2

Y fit parameters: Amplitude= 1548 Offset= 23 Sigma= 2

H-IAS-PW-1.044/H-IAS-PW-1.044_all.fits_img.fits





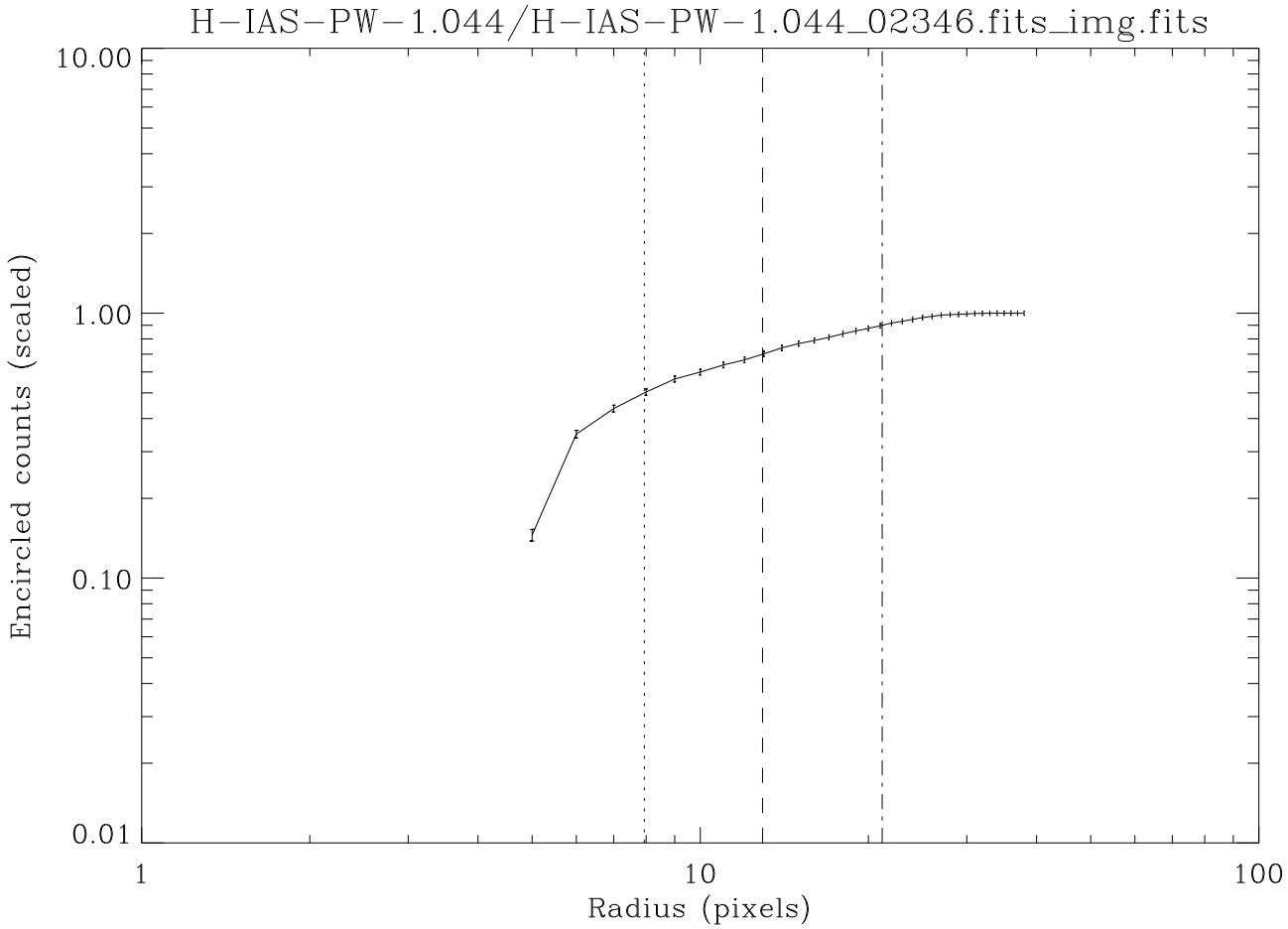
All measurements in pixels

Z gaussian FWHM = 4.5457569

Y gaussian FWHM = 4.5714004

Z fit parameters: Amplitude= 3120 Offset= 16 Sigma= 1

Y fit parameters: Amplitude= 3243 Offset= 23 Sigma= 1



Encircled energy radii in pixels

50% radius = 7.94199

70% radius = 12.9289

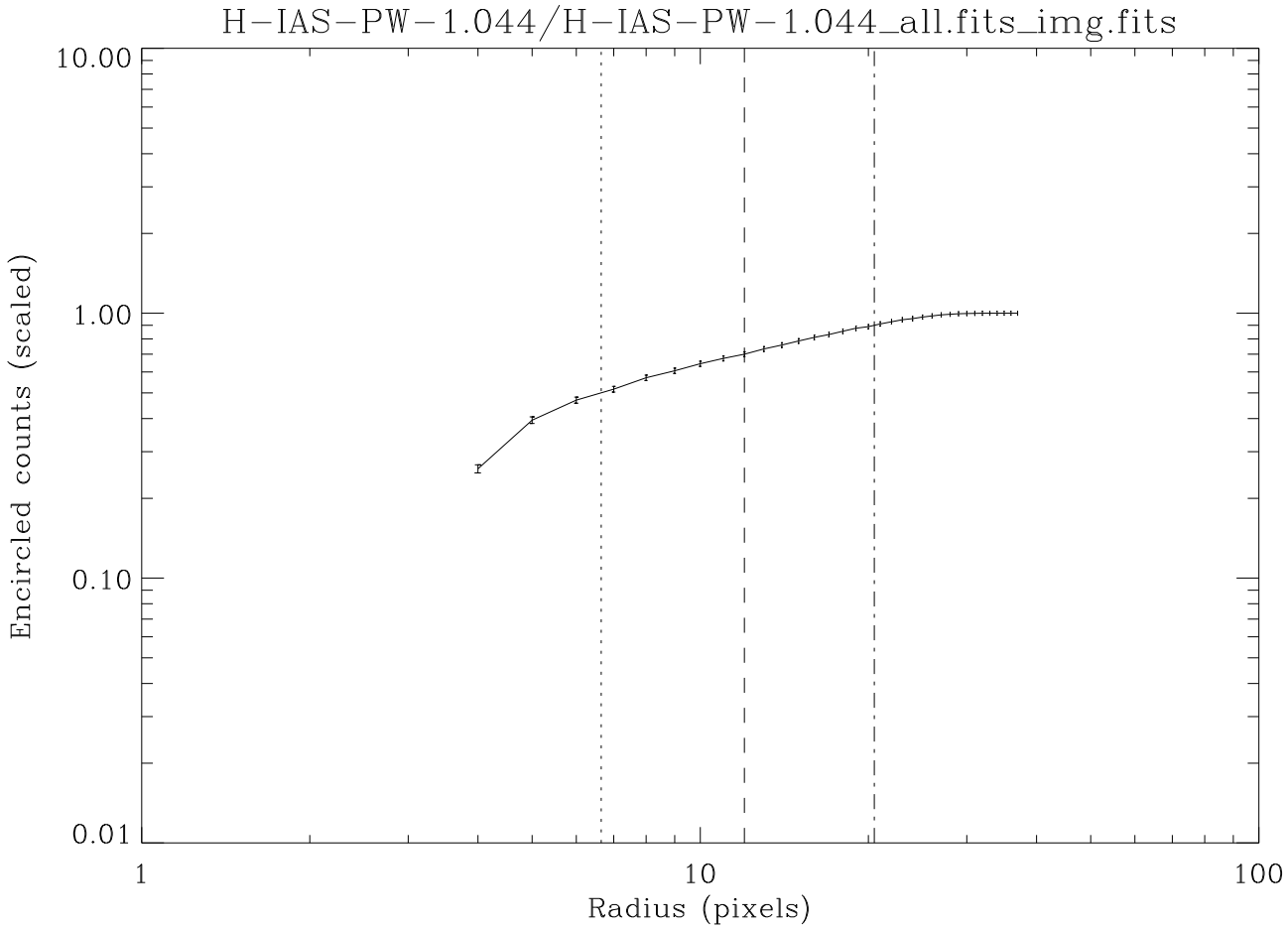
90% radius = 21.1672

Encircled energy radii in microns

50% radius = 190.608

70% radius = 310.293

90% radius = 508.014



Encircled energy radii in pixels

50% radius = 6.64726

70% radius = 11.9962

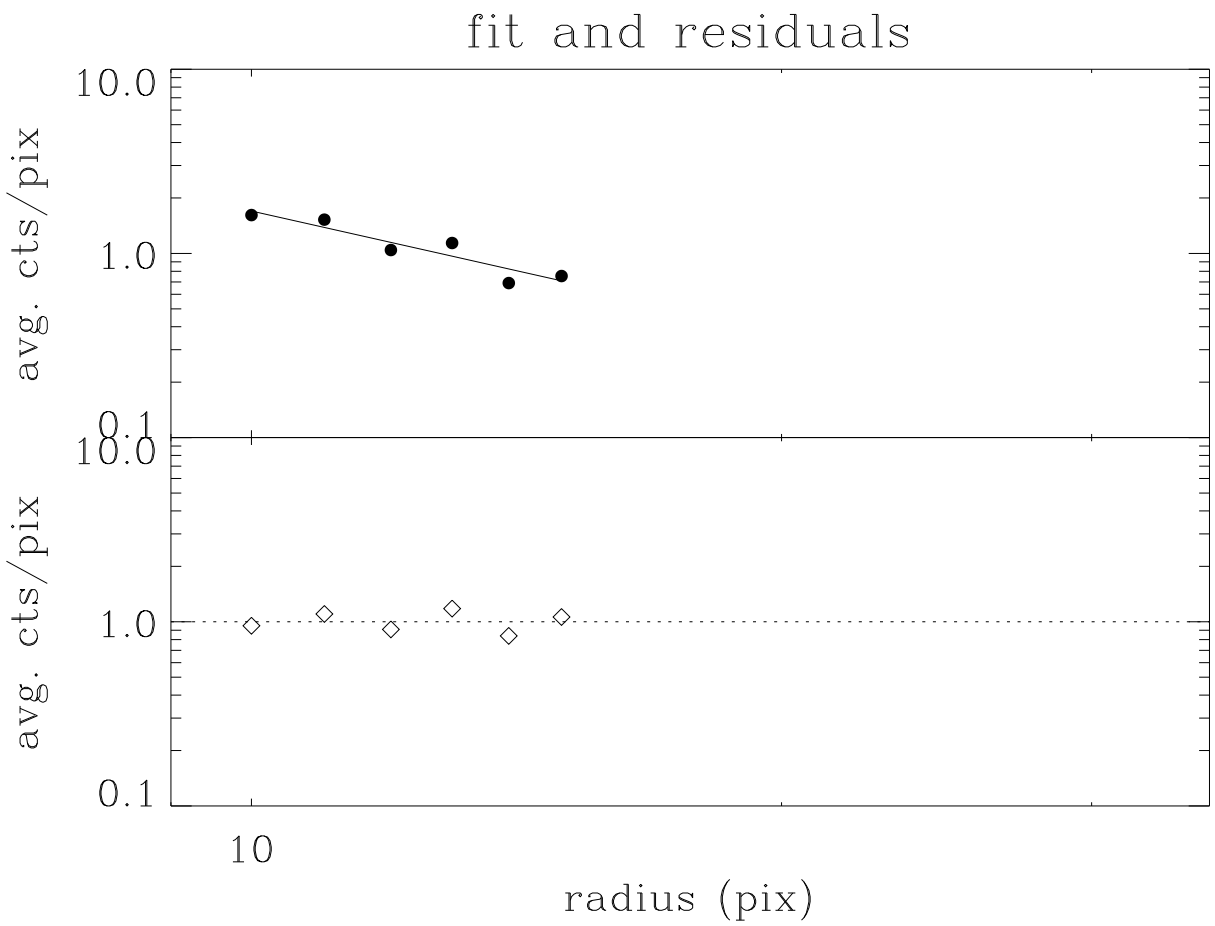
90% radius = 20.4910

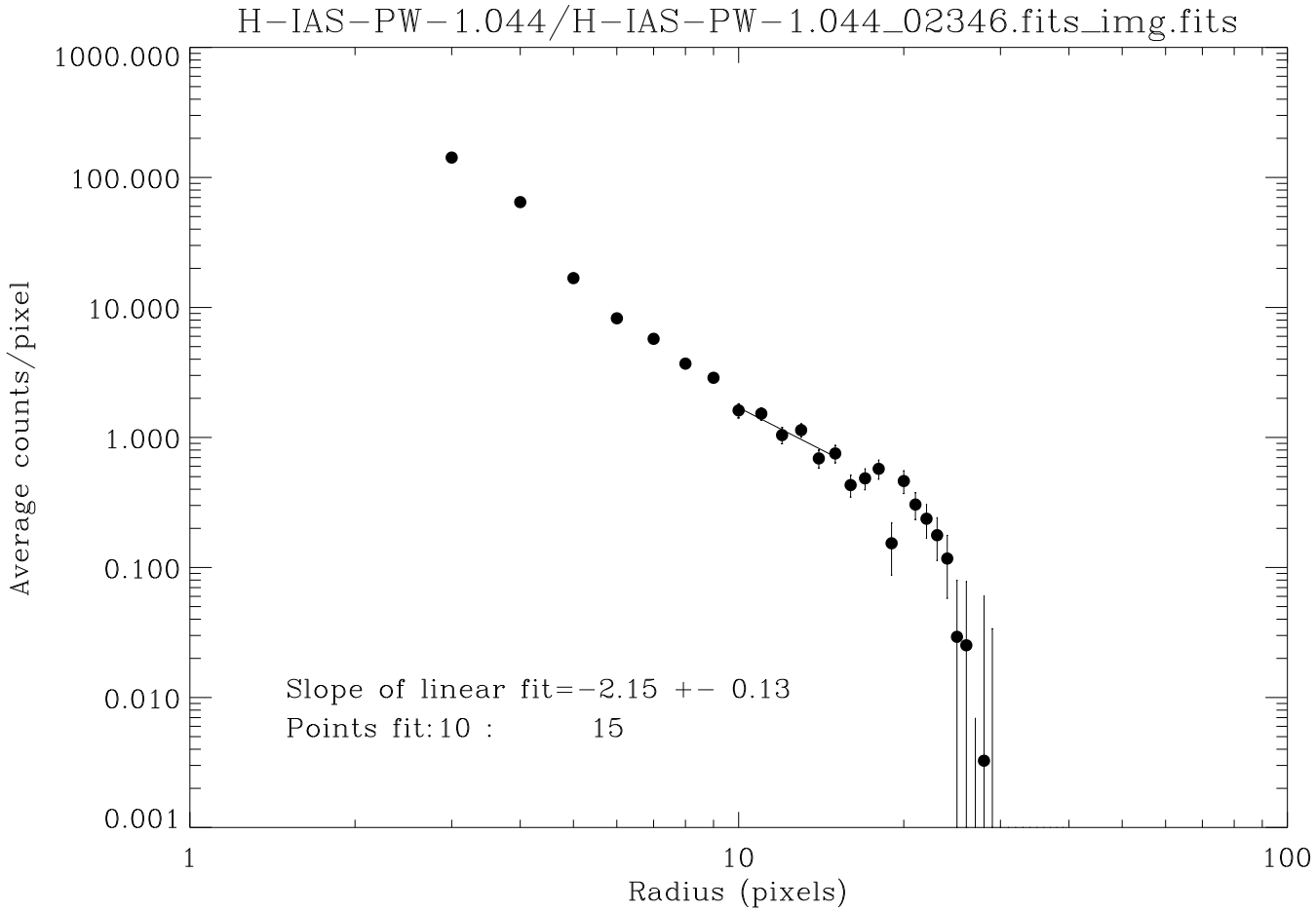
Encircled energy radii in microns

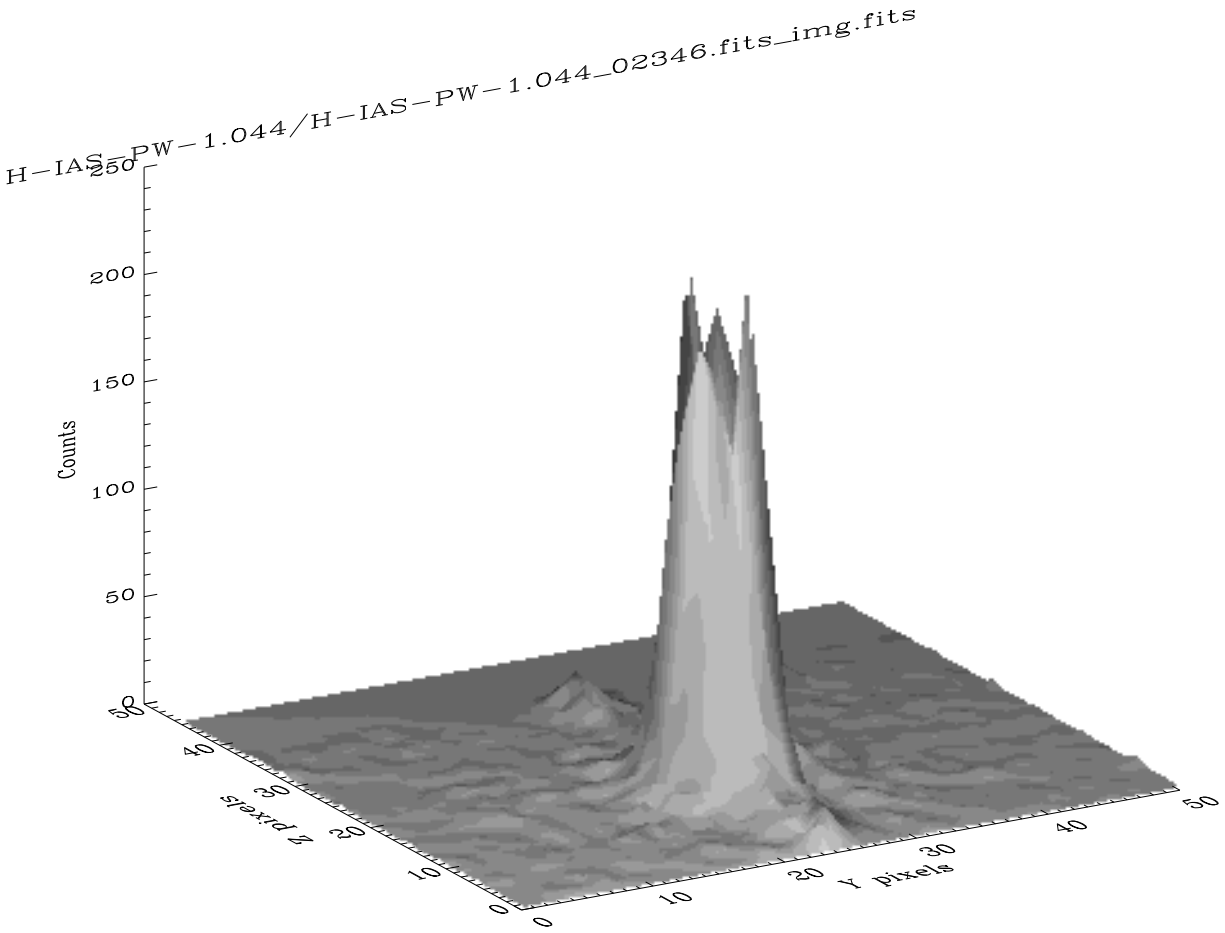
50% radius = 159.534

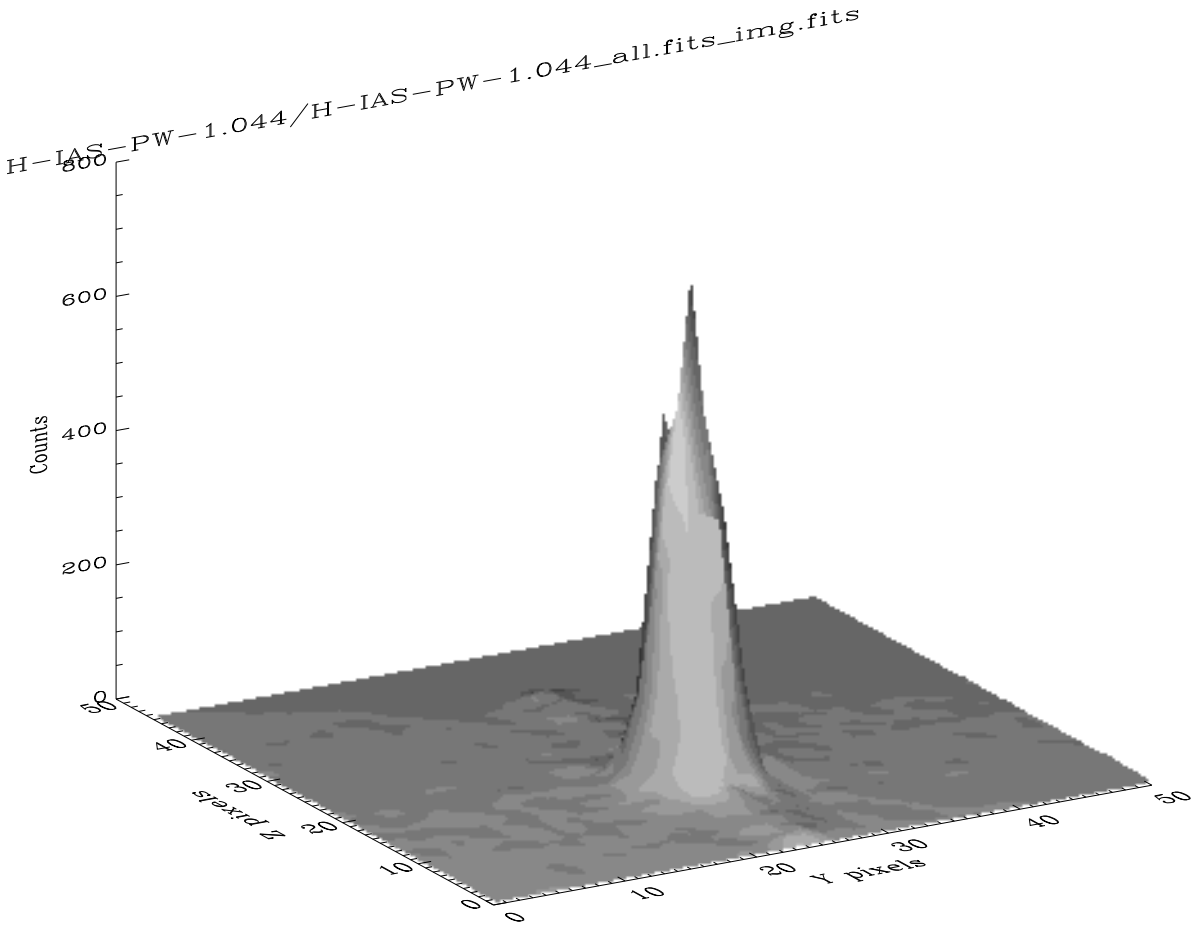
70% radius = 287.908

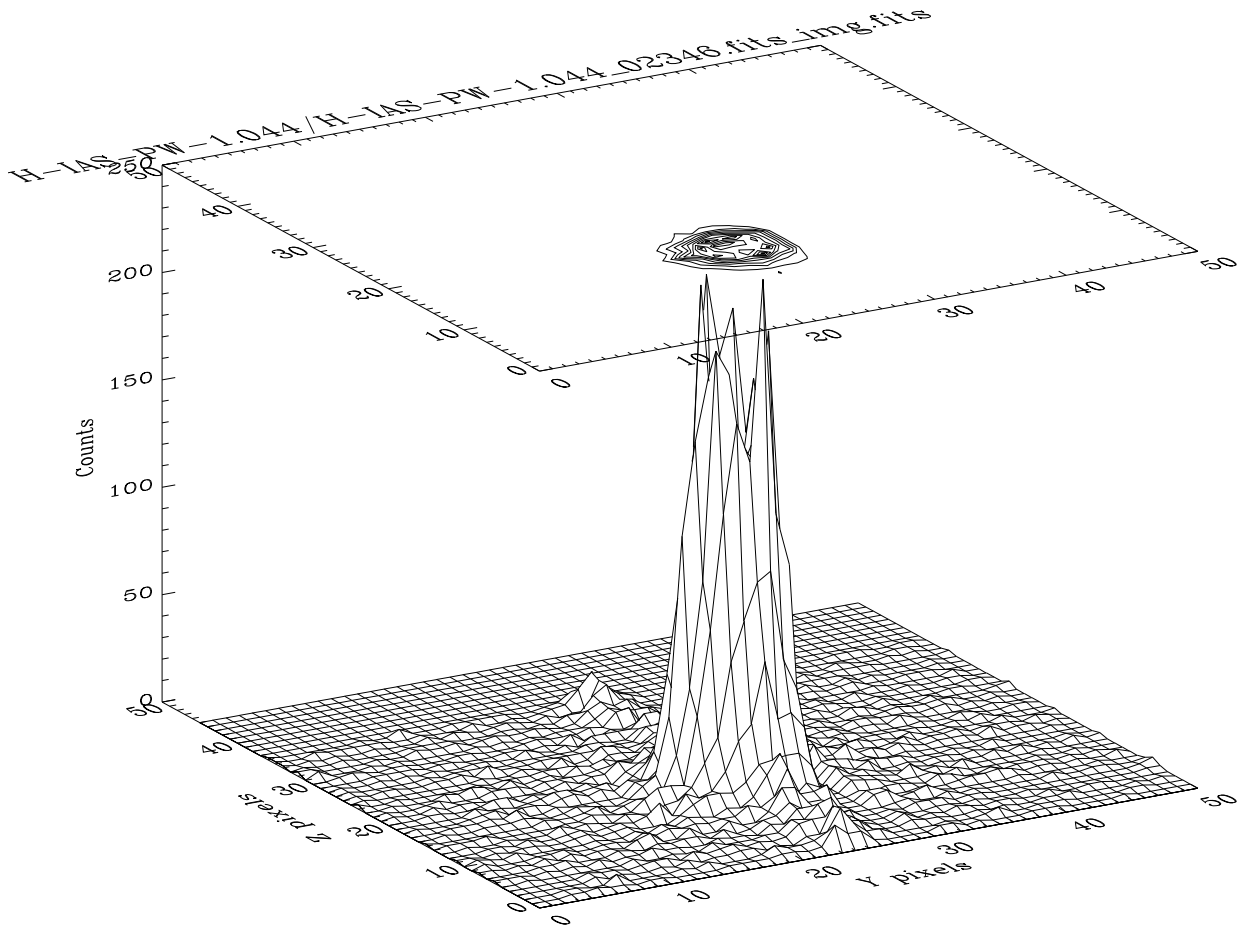
90% radius = 491.785

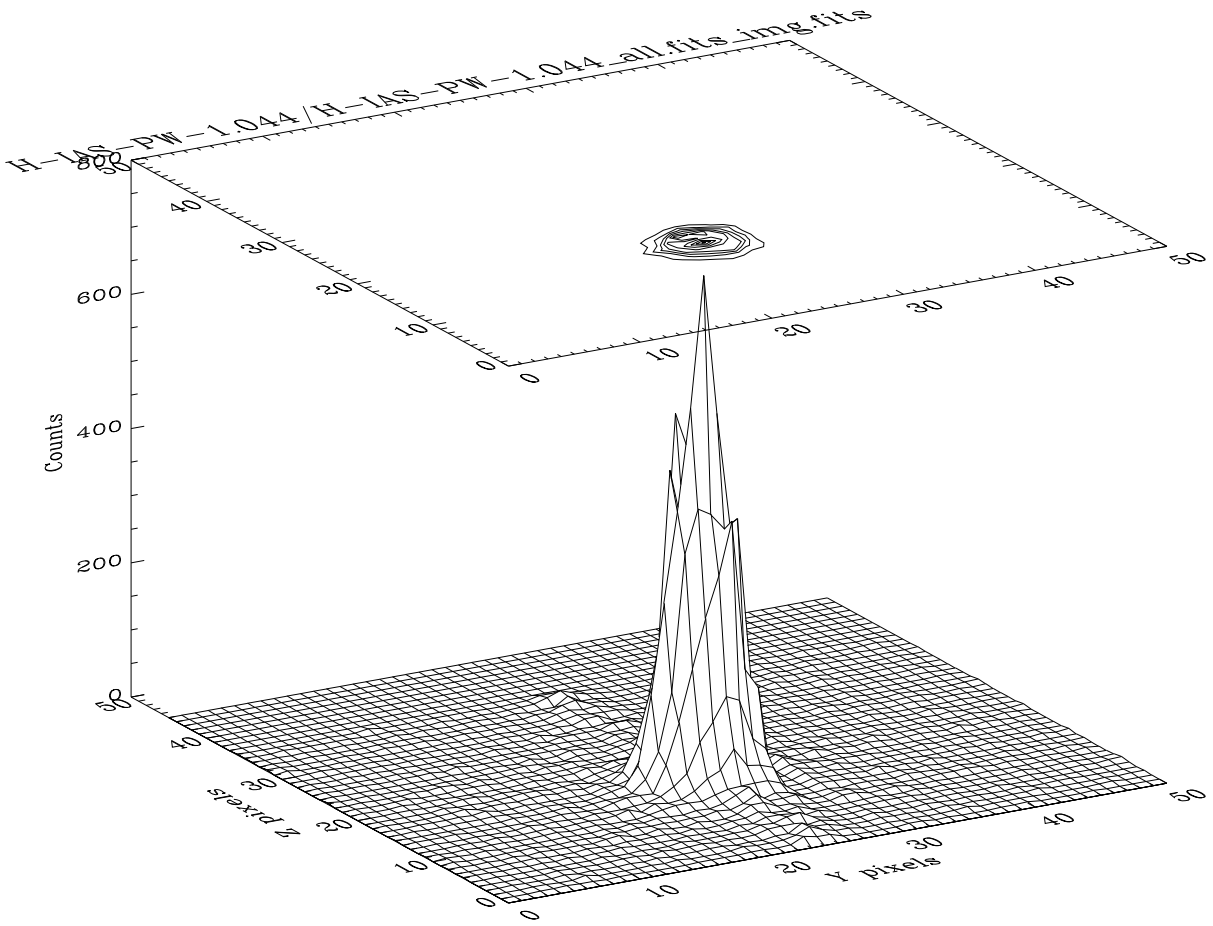

fit and residuals
10.0
1.0
0.1
avg. cts/pix
10.0
1.0
0.1
avg. cts/pix
10
radius (pix)

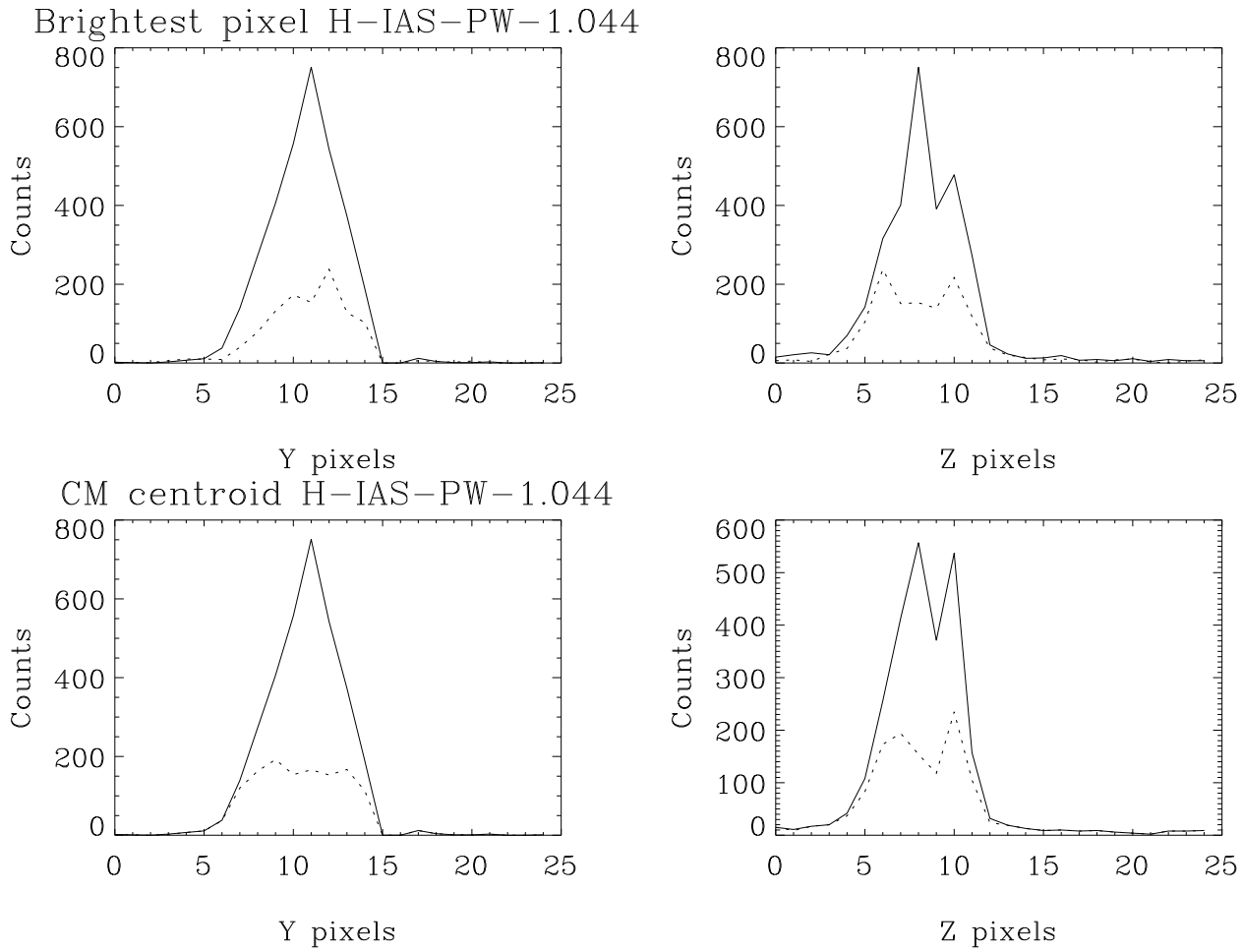

H−IAS−PW−1.044/H−IAS−PW−1.044_02346.fits_img.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
Slope of linear fit=−2.15 +− 0.13
Points fit:10 : 15
1
10
100
Radius (pixels)


H-IAS-PW-1.044/H-IAS-PW-1.044_02346.fits_img.fits
Counts
250
200
150
100
50
0
Z pixels
50
40
30
20
10
0
0
10
20
30
40
50
Y pixels


H-IAS-PW-1.044/H-IAS-PW-1.044_all.fits_img.fits
Counts
800
600
400
200
0
Z pixels
50
40
30
20
10
0
0
10
20
30
40
50
Y pixels


H-IAS-PW-1.044/H-IAS-PW-1.044_02348.fits_img.fits
Counts
Z pixels
Y pixels


H1_1AS_PW_1.044/H1_1AS_PW_1.044_all.fits_img.fits
Counts
800
600
400
200
0
Z pixels
Y pixels
0
10
20
30
40
50



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

Brightest pixel (Y,Z)

All grades	11	8
Std. grades	12	6

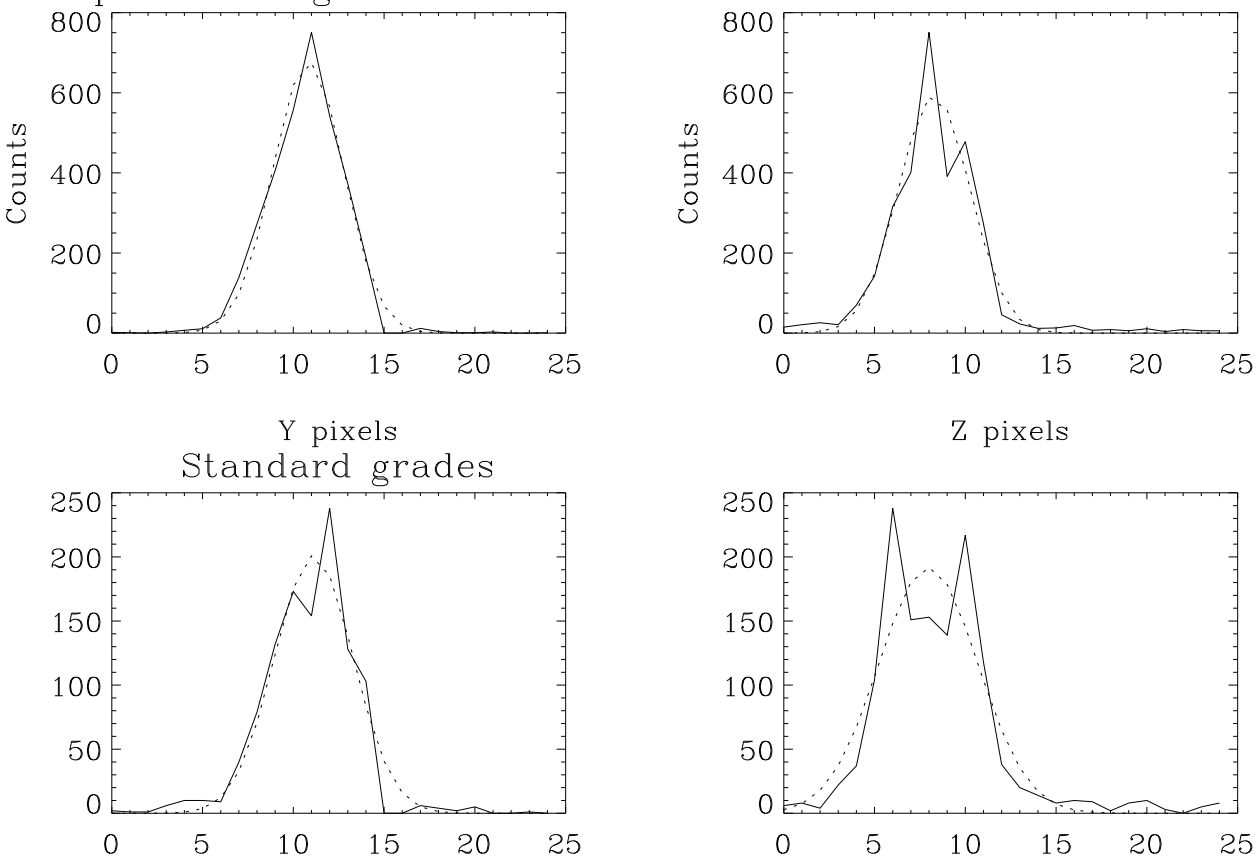
CM Centroid (Y,Z)

All grades	10.8811	8.42675
Std. grades	10.7702	8.51331

Brightest pixel maxima

All grades:	751
Std. grades:	238

Brightest pixel – All grades H–IAS–PW–1.044



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

	Integrated	Analytical
All Y	3301.2090	3301.5838
Std Y	1091.3128	1091.2832
All Z	2942.2056	2941.2669
Std Z	1313.9071	1316.2830

	amplitude	offset	sigma	FWHM
All Y:	678.42504	10.827849	1.9414692	4.5702188
Std Y:	201.12034	11.127034	2.1646693	5.0956317
All Z:	595.47985	8.2856561	1.9705045	4.6385678
Std Z:	191.78751	7.9670828	2.7380353	6.4453353