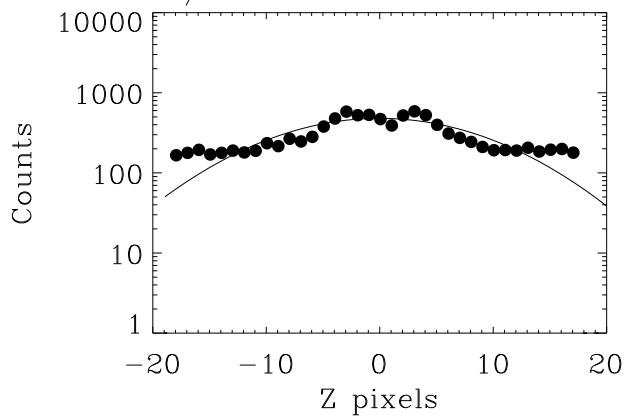
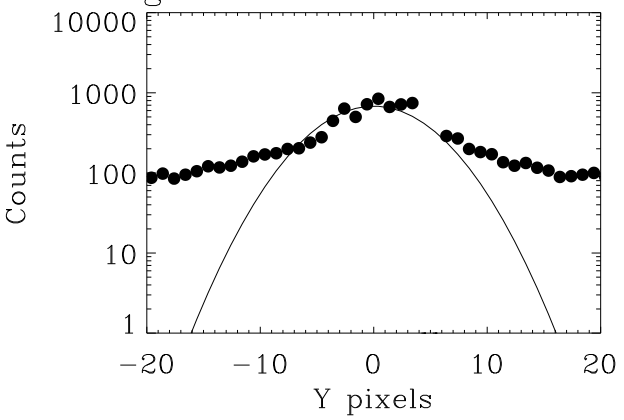
H-IAS-PW-12.004/H-IAS-PW-12.004_02346.fits_img.fits





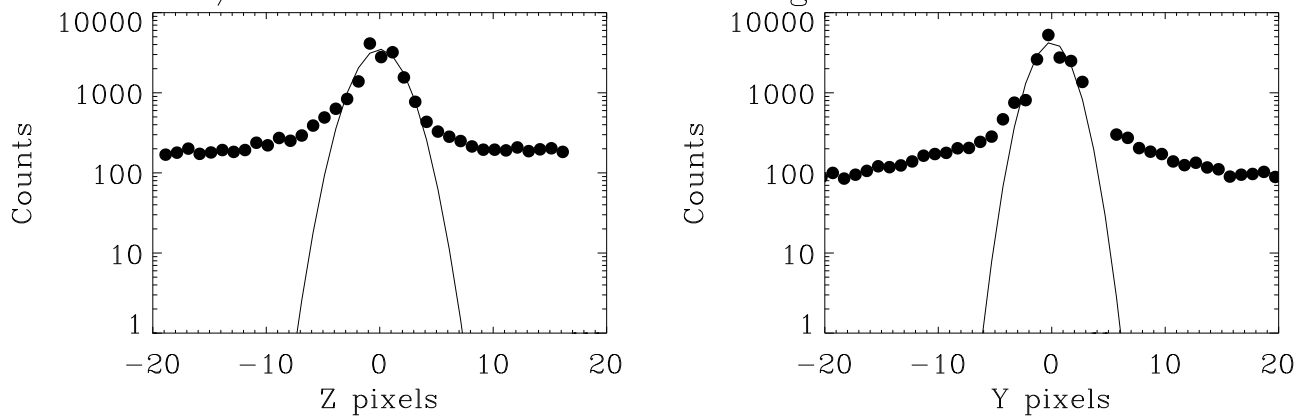
All measurements in pixels

Z gaussian FWHM = 20.985831

Y gaussian FWHM = 10.485834

Z fit parameters:	Amplitude=	480	Offset=	18	Sigma=	8
Y fit parameters:	Amplitude=	681	Offset=	23	Sigma=	4

H-IAS-PW-12.004/H-IAS-PW-12.004_all.fits_img.fits



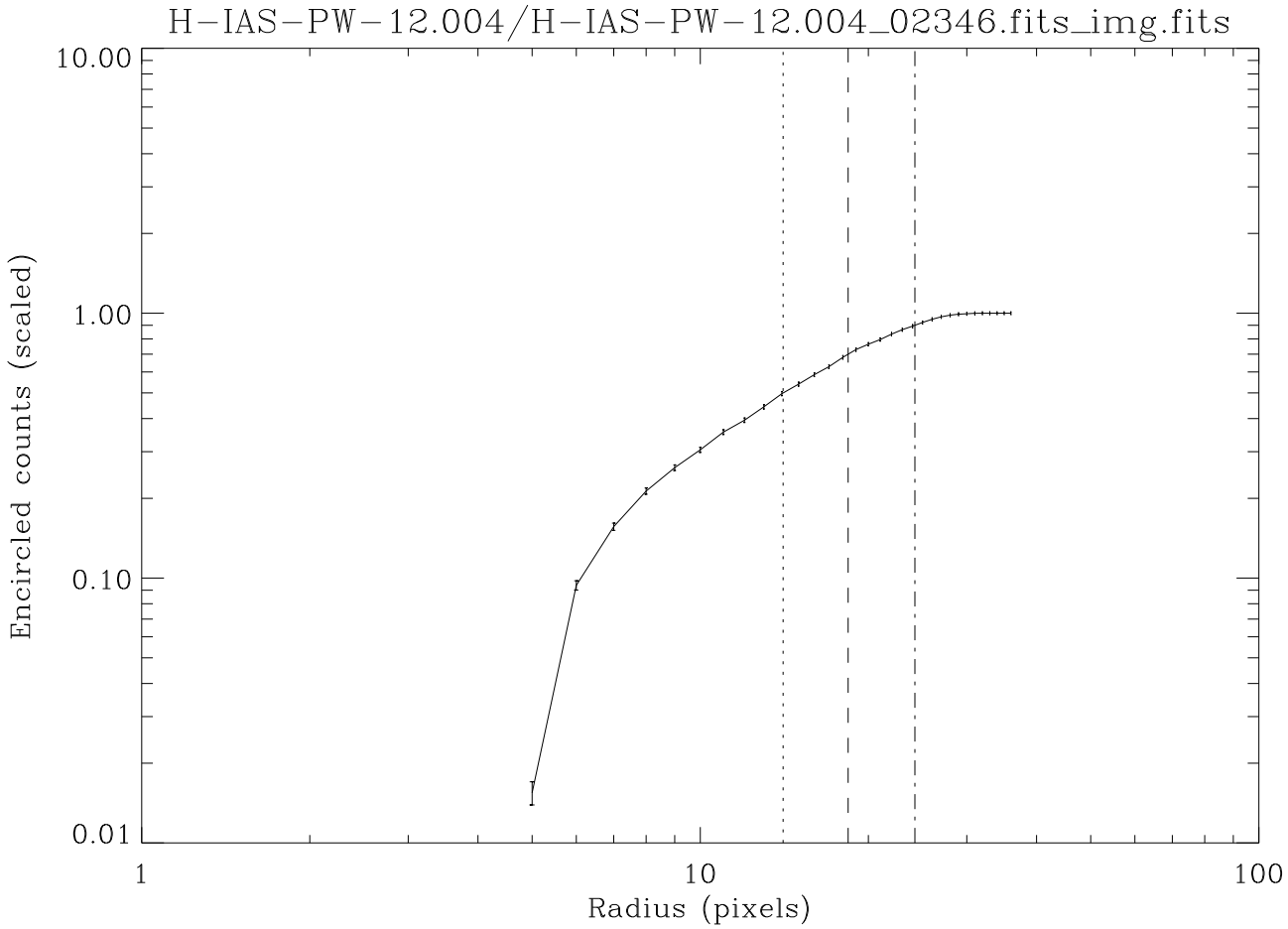
All measurements in pixels

Z gaussian FWHM = 4.2574111

Y gaussian FWHM = 3.5102057

Z fit parameters: Amplitude= 3498 Offset= 19 Sigma= 1

Y fit parameters: Amplitude= 4276 Offset= 24 Sigma= 1



Encircled energy radii in pixels

50% radius = 14.0719

70% radius = 18.3961

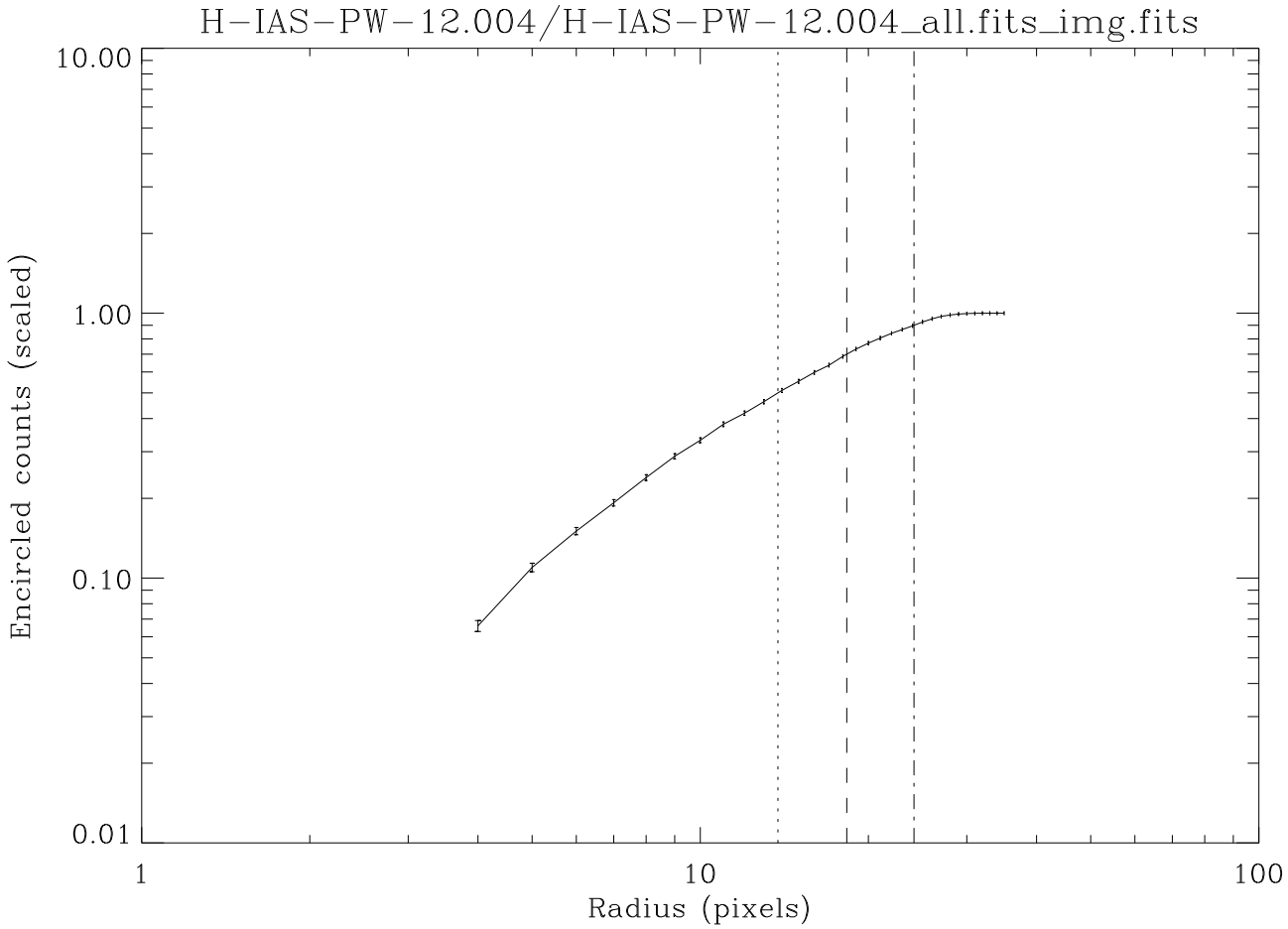
90% radius = 24.2245

Encircled energy radii in microns

50% radius = 337.727

70% radius = 441.506

90% radius = 581.387



Encircled energy radii in pixels

50% radius = 13.7720

70% radius = 18.2930

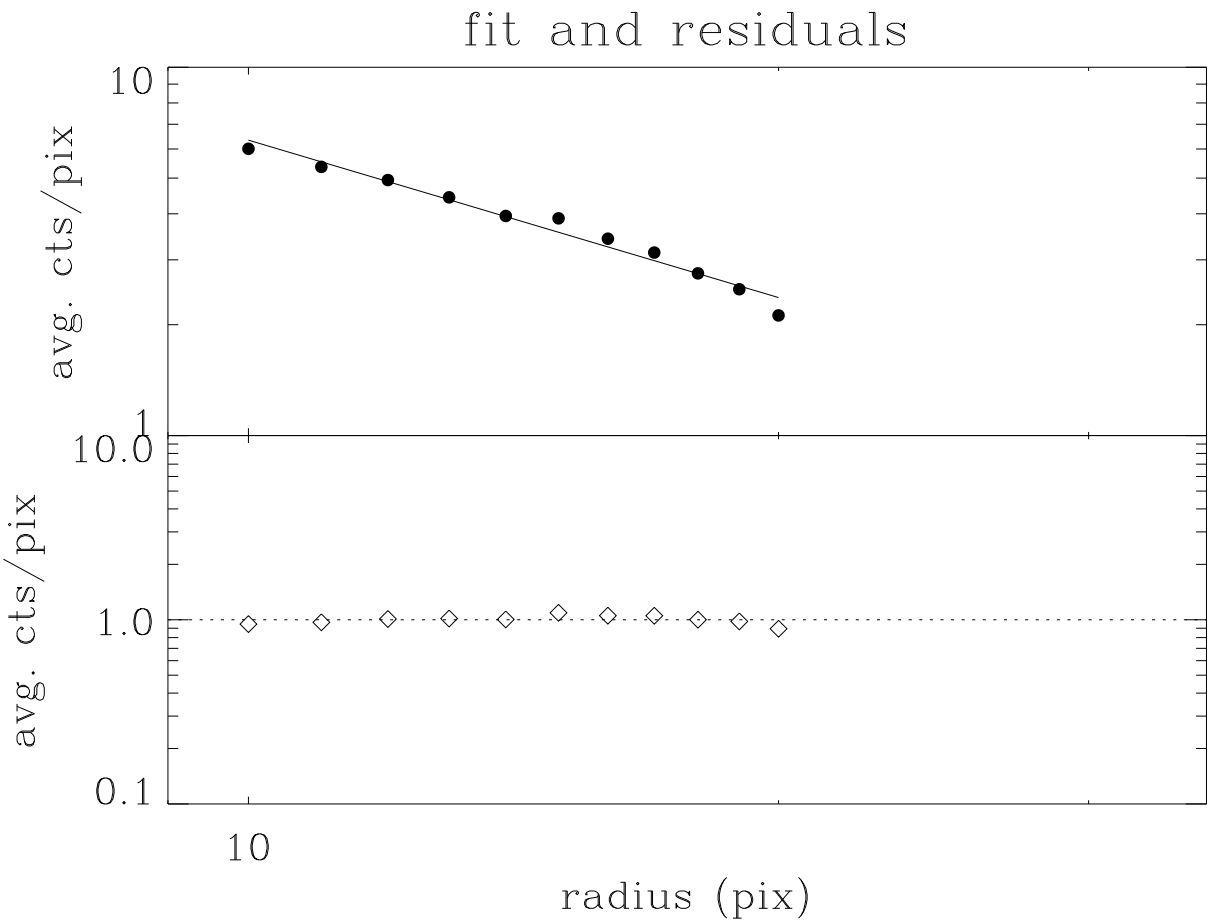
90% radius = 24.1322

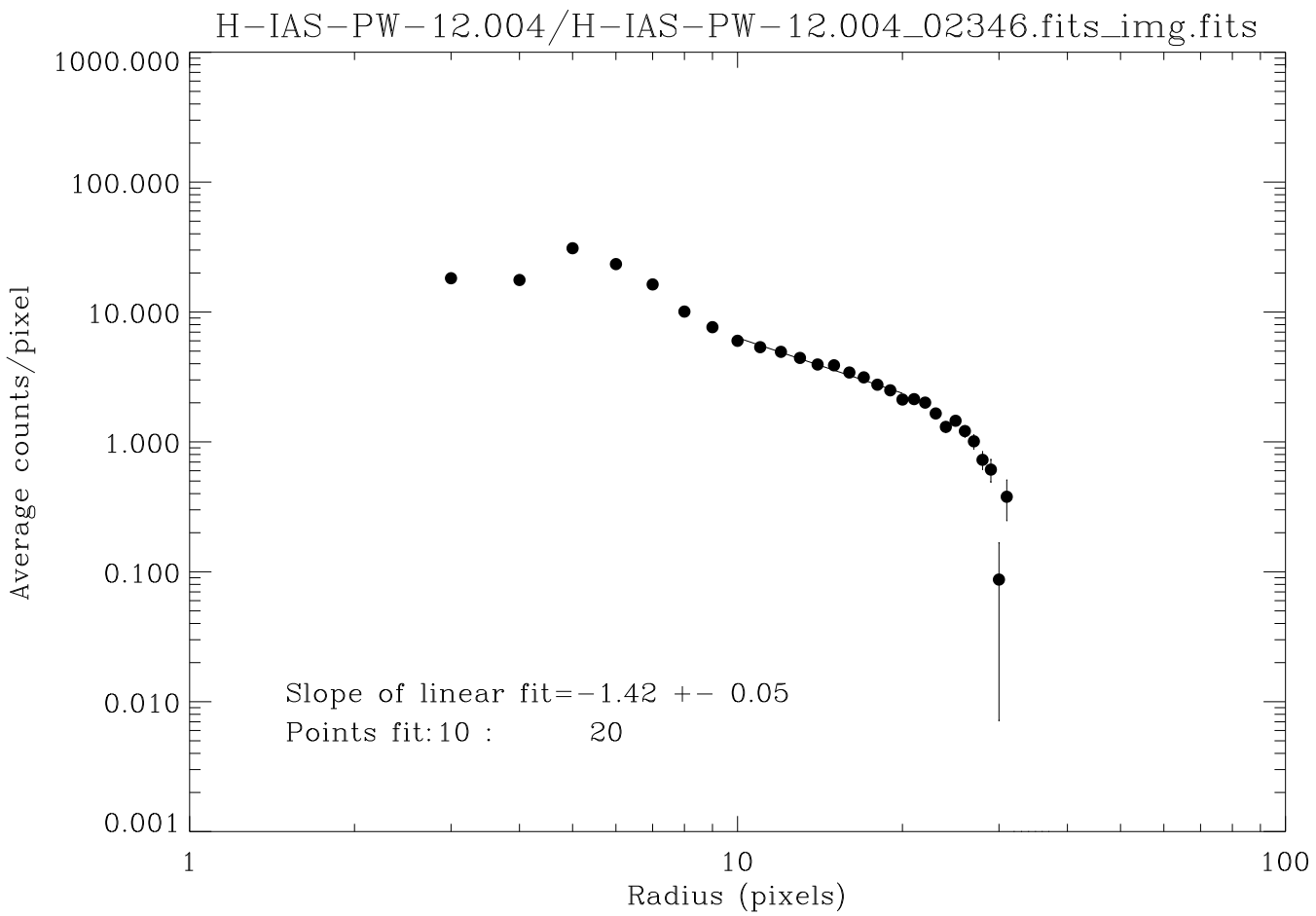
Encircled energy radii in microns

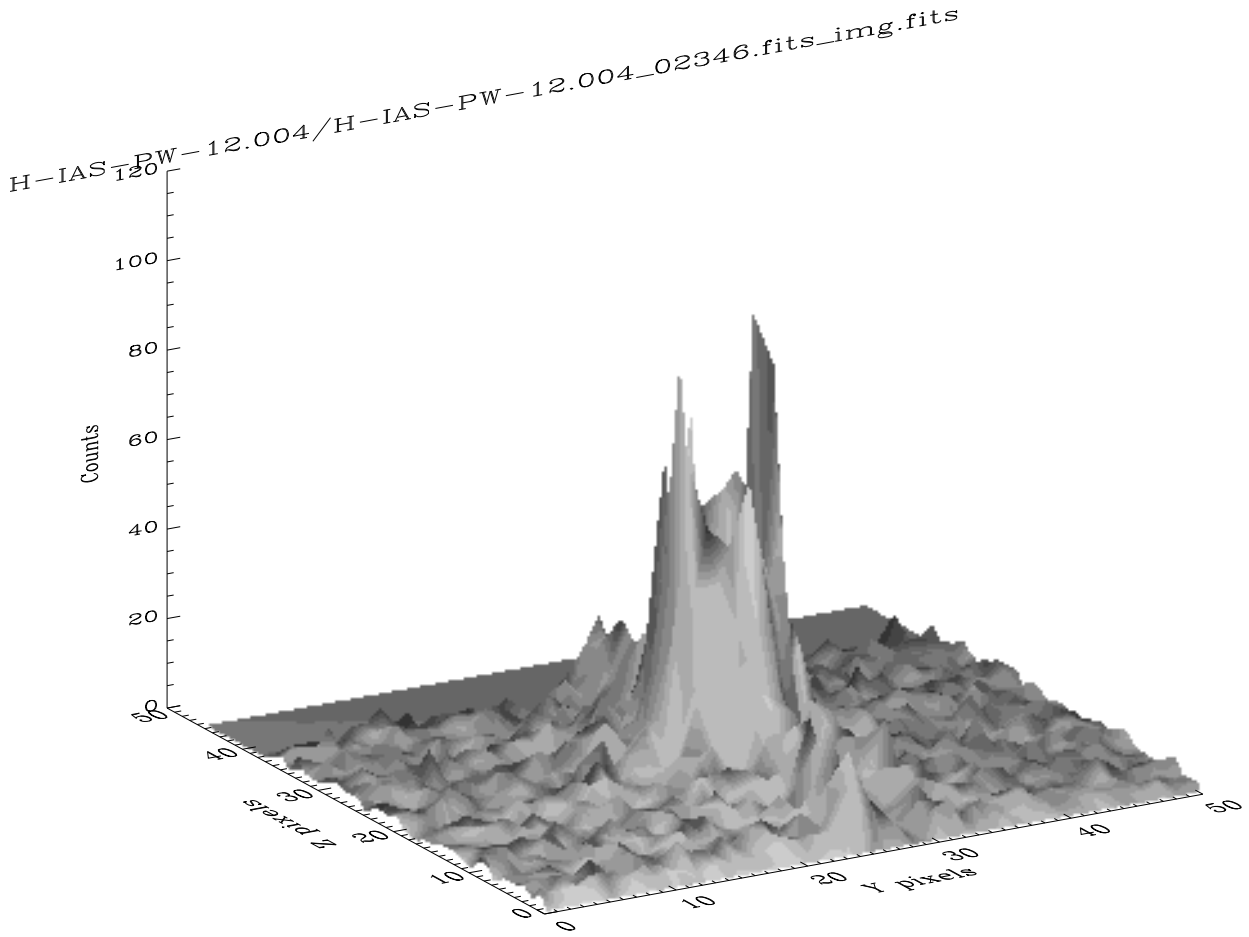
50% radius = 330.528

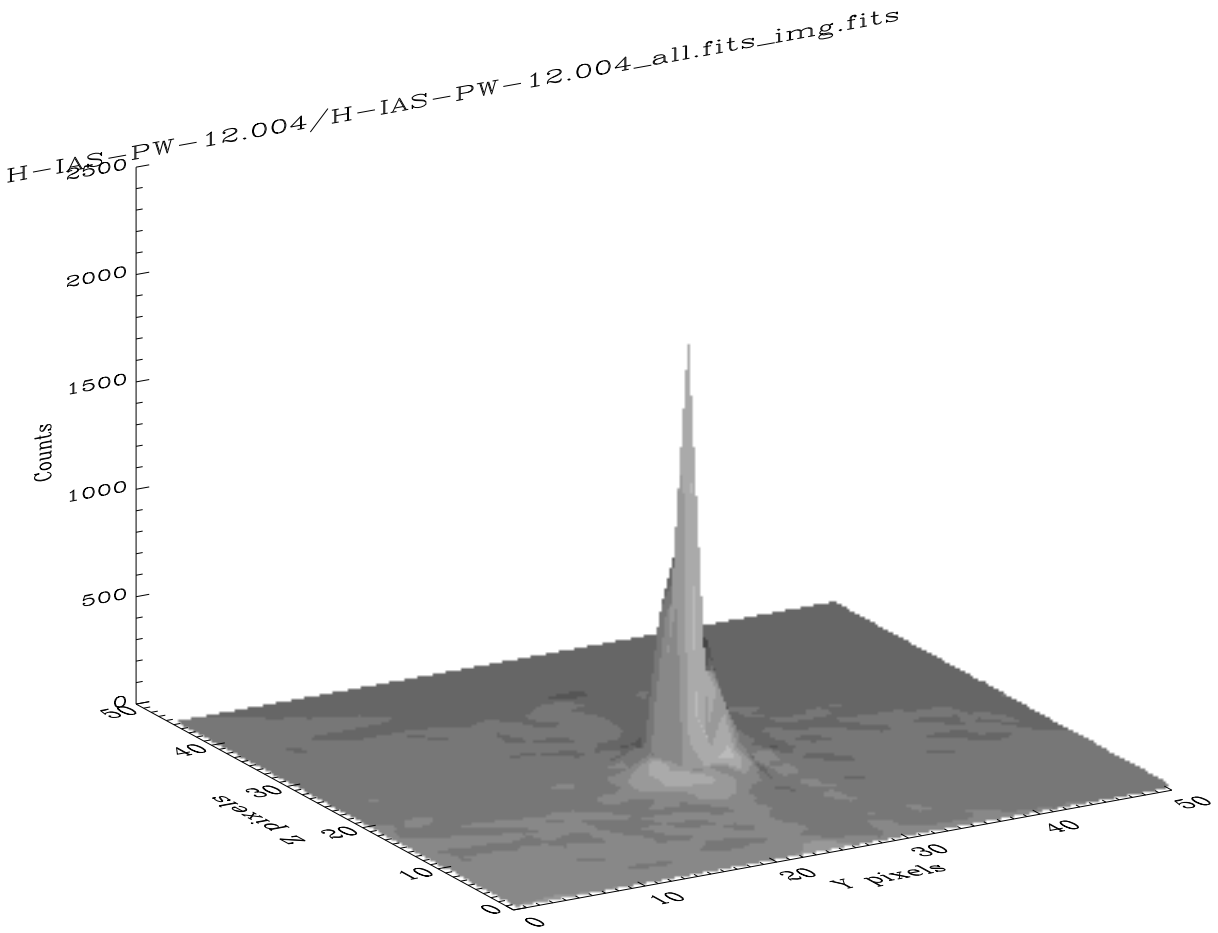
70% radius = 439.031

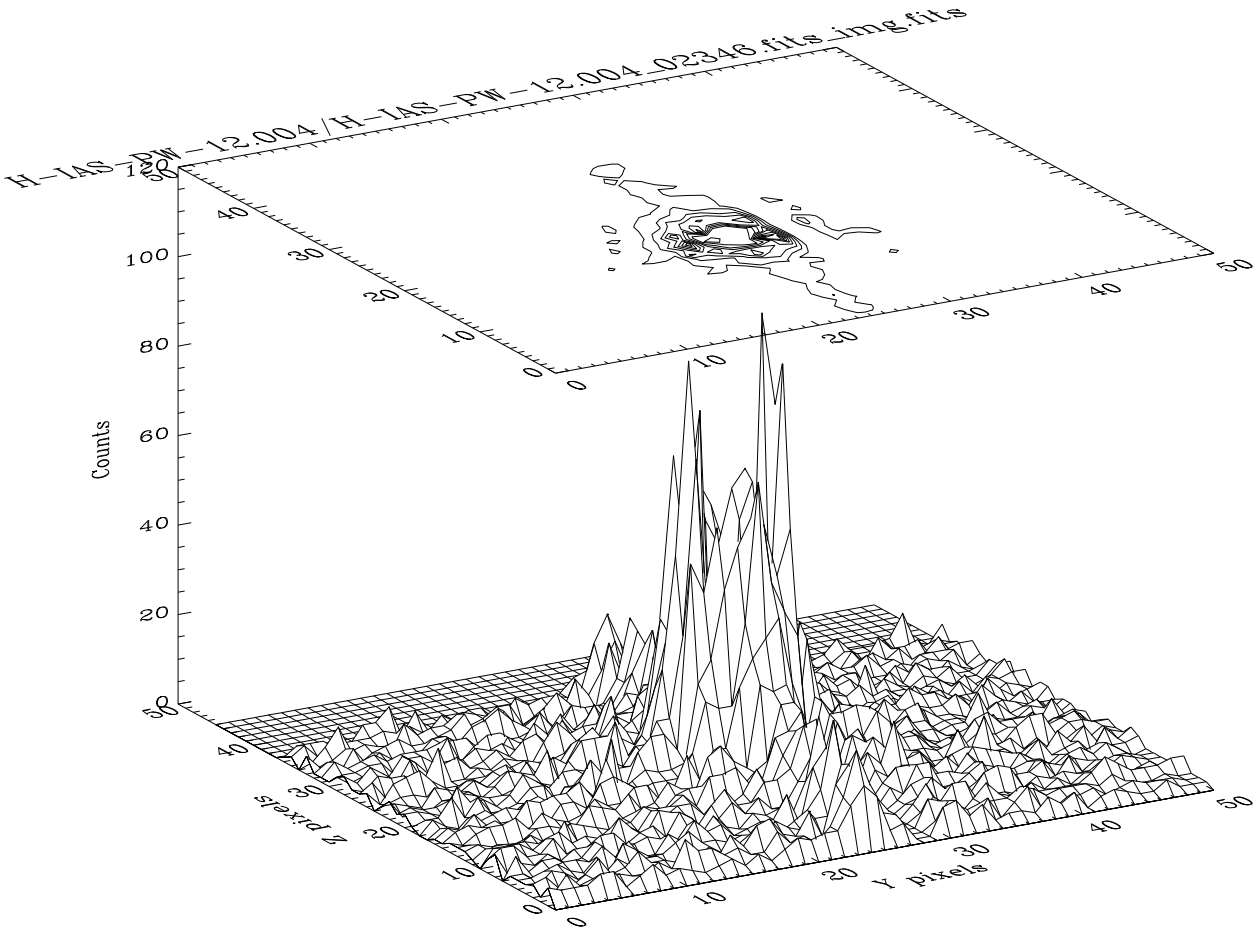
90% radius = 579.173

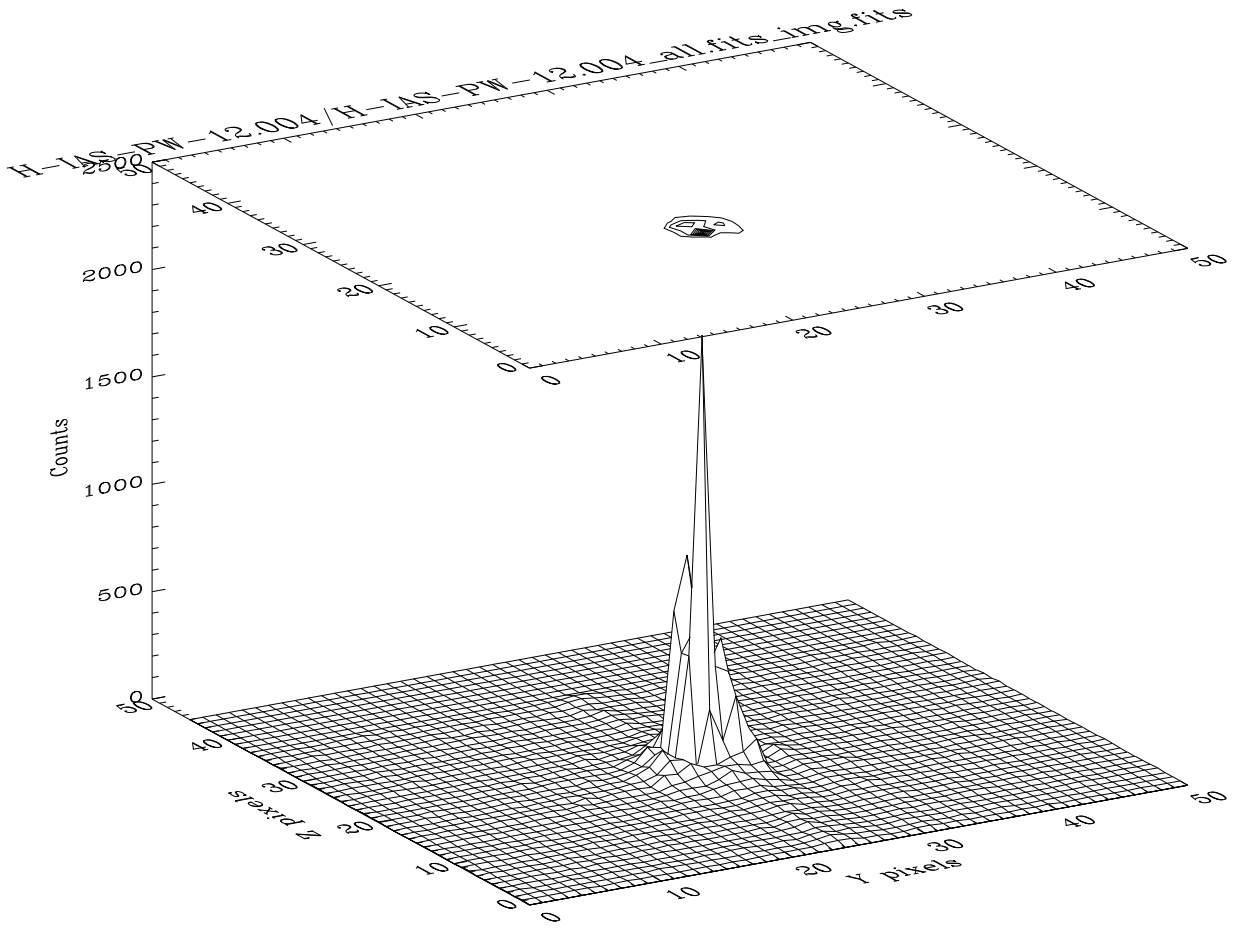

fit and residuals
10
1
avg. cts/pix
10.0
1.0
0.1
avg. cts/pix
10
radius (pix)

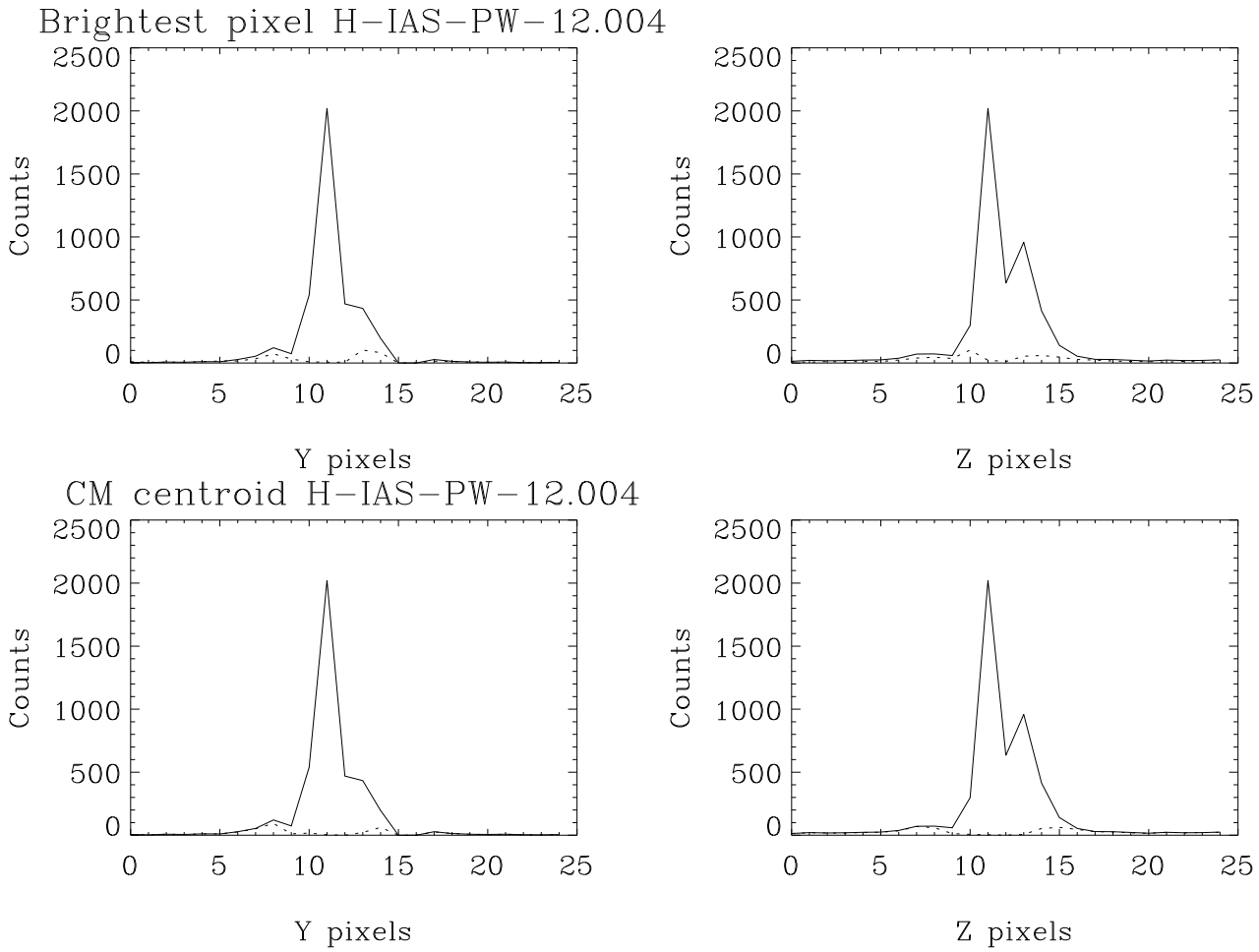

H−IAS−PW−12.004/H−IAS−PW−12.004_02346.fits_img.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
Slope of linear fit=−1.42 +− 0.05
Points fit:10 : 20
1
10
100
Radius (pixels)


H-IAS-PW-12.004/H-IAS-PW-12.004_02346.fits_img.fits
Counts
120
100
80
60
40
20
0
Z pixels
50
40
30
20
10
0
Y pixels
0
10
20
30
40
50


H-IAS-PW-12.004/H-IAS-PW-12.004_all.fits_img.fits
Counts
2500
2000
1500
1000
500
0
Z pixels
0
10
20
30
40
50
Y pixels


H-IAS-PW-12.004/H-IAS-PW-12.004_02348.fits_img.fits
Counts
Z pixels
Y pixels


H_1AS_PW_12.004/H_1AS_PW_12.004_all.fits_img.fits
Counts
2500
2000
1500
1000
500
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	11
Std. grades	13	10

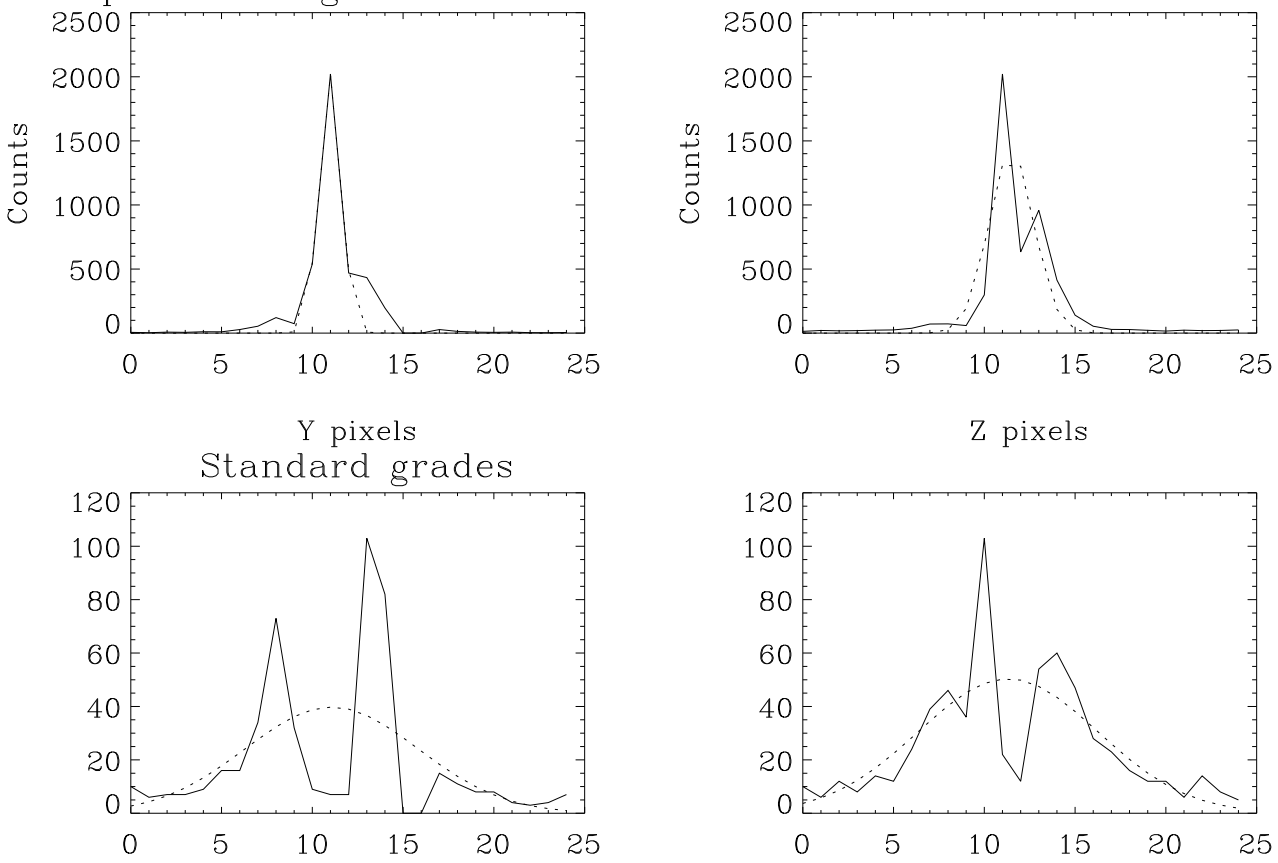
CM Centroid (Y,Z)

All grades	11.2862	11.7544
Std. grades	11.0900	11.5102

Brightest pixel maxima

All grades:	2022
Std. grades:	103

Brightest pixel – All grades H–IAS–PW–12.004



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

	Integrated	Analytical
All Y	3490.6153	3069.0978
Std Y	469.01022	475.45700
All Z	4436.3100	4416.0071
Std Z	614.49400	624.69691

	amplitude	offset	sigma	FWHM
All Y:	2017.2010	10.979515	0.60697612	1.4288218
Std Y:	39.751731	11.063933	4.7716136	11.232379
All Z:	1416.5925	11.489341	1.2436406	2.9275301
Std Z:	50.352244	11.308779	4.9494917	11.651104