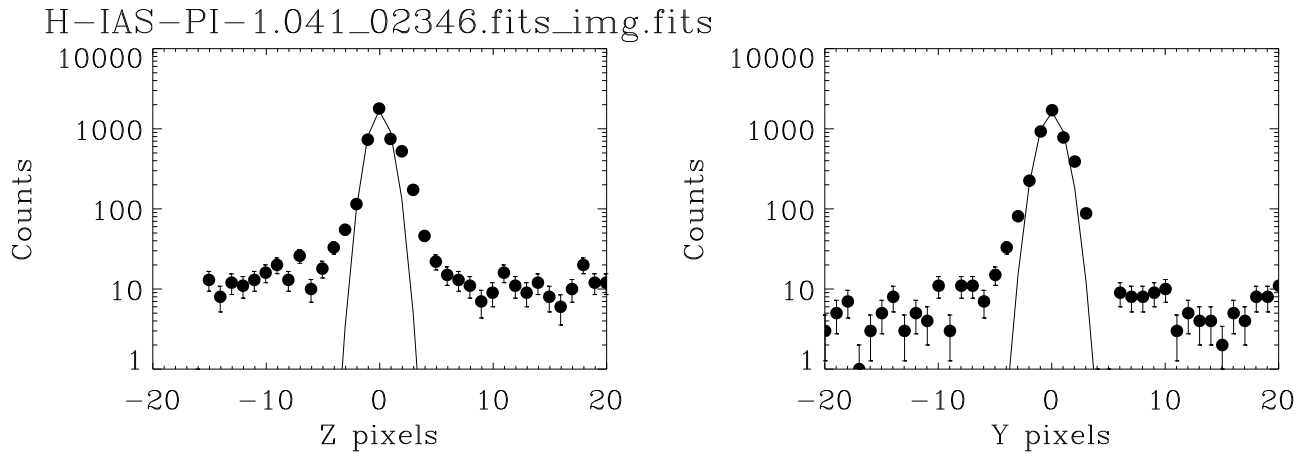


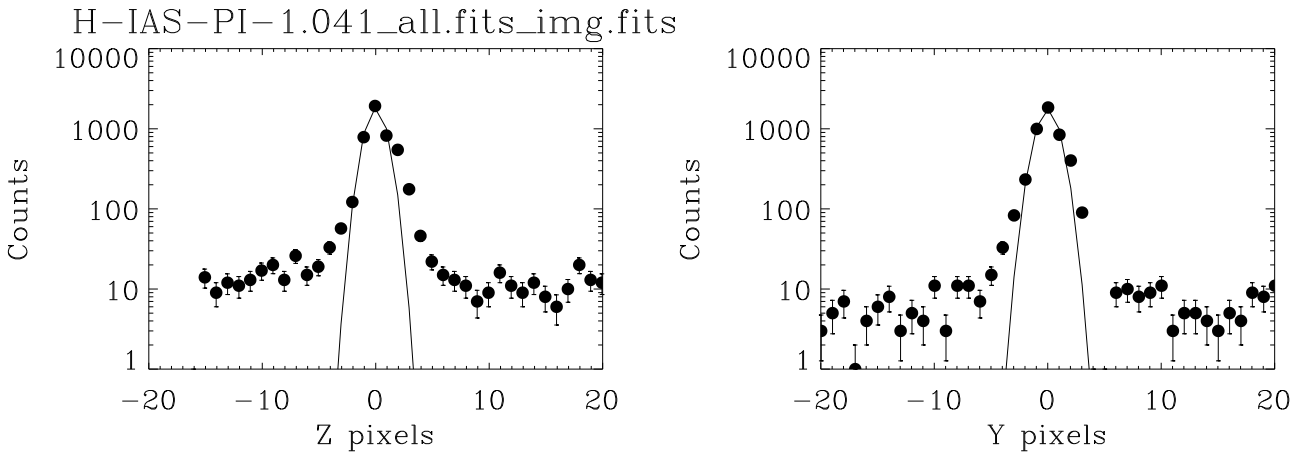
All measurements in pixels

Z gaussian FWHM = 2.0367080

Y gaussian FWHM = 2.2821658

Z fit parameters: Amplitude= 1690 Offset= 16 Sigma= 0

Y fit parameters: Amplitude= 1619 Offset= 48 Sigma= 0



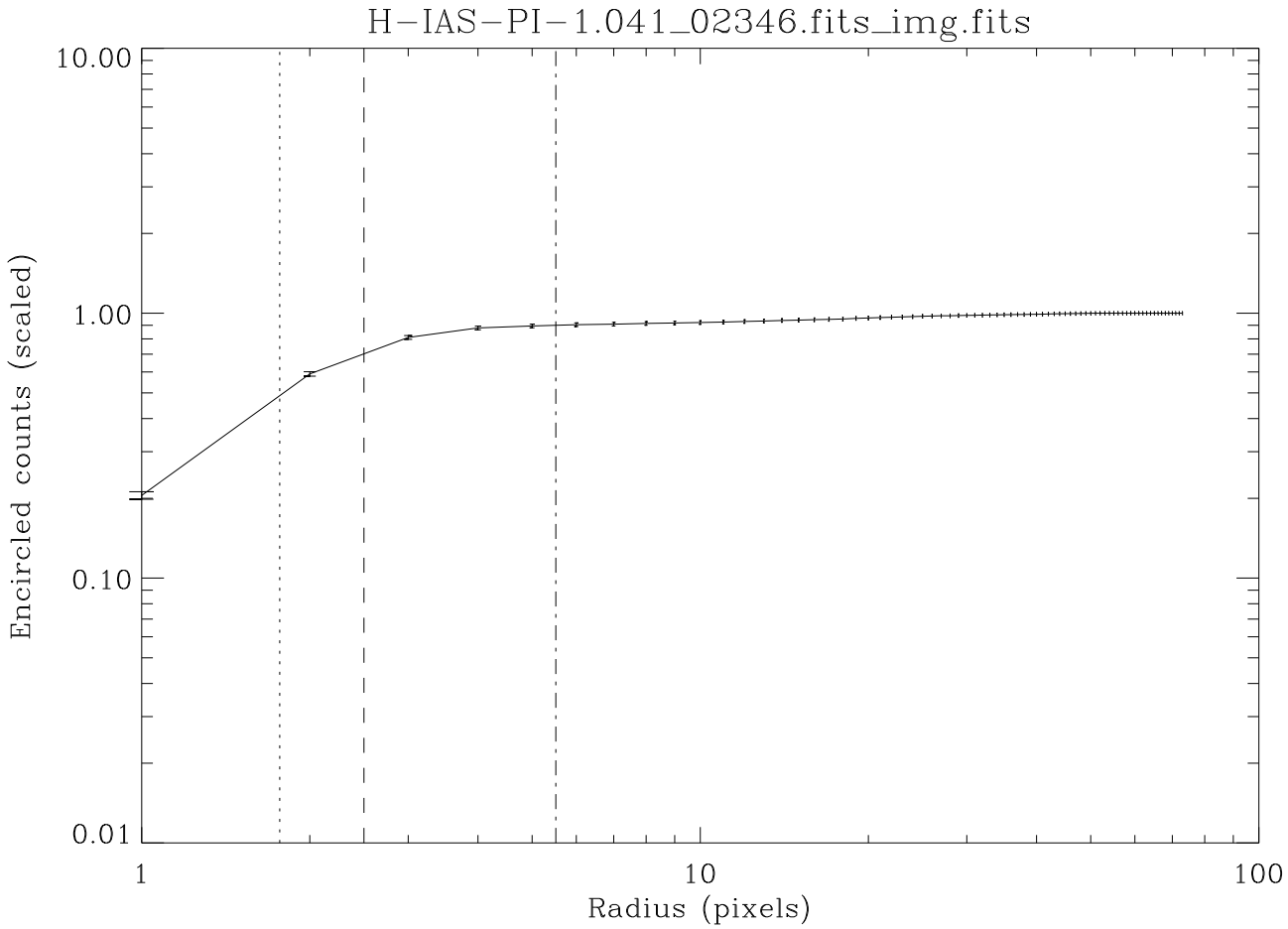
All measurements in pixels

Z gaussian FWHM = 2.0432913

Y gaussian FWHM = 2.2476839

Z fit parameters: Amplitude= 1821 Offset= 16 Sigma= 0

Y fit parameters: Amplitude= 1761 Offset= 48 Sigma= 0



Encircled energy radii in pixels

50% radius = 1.76650

70% radius = 2.50030

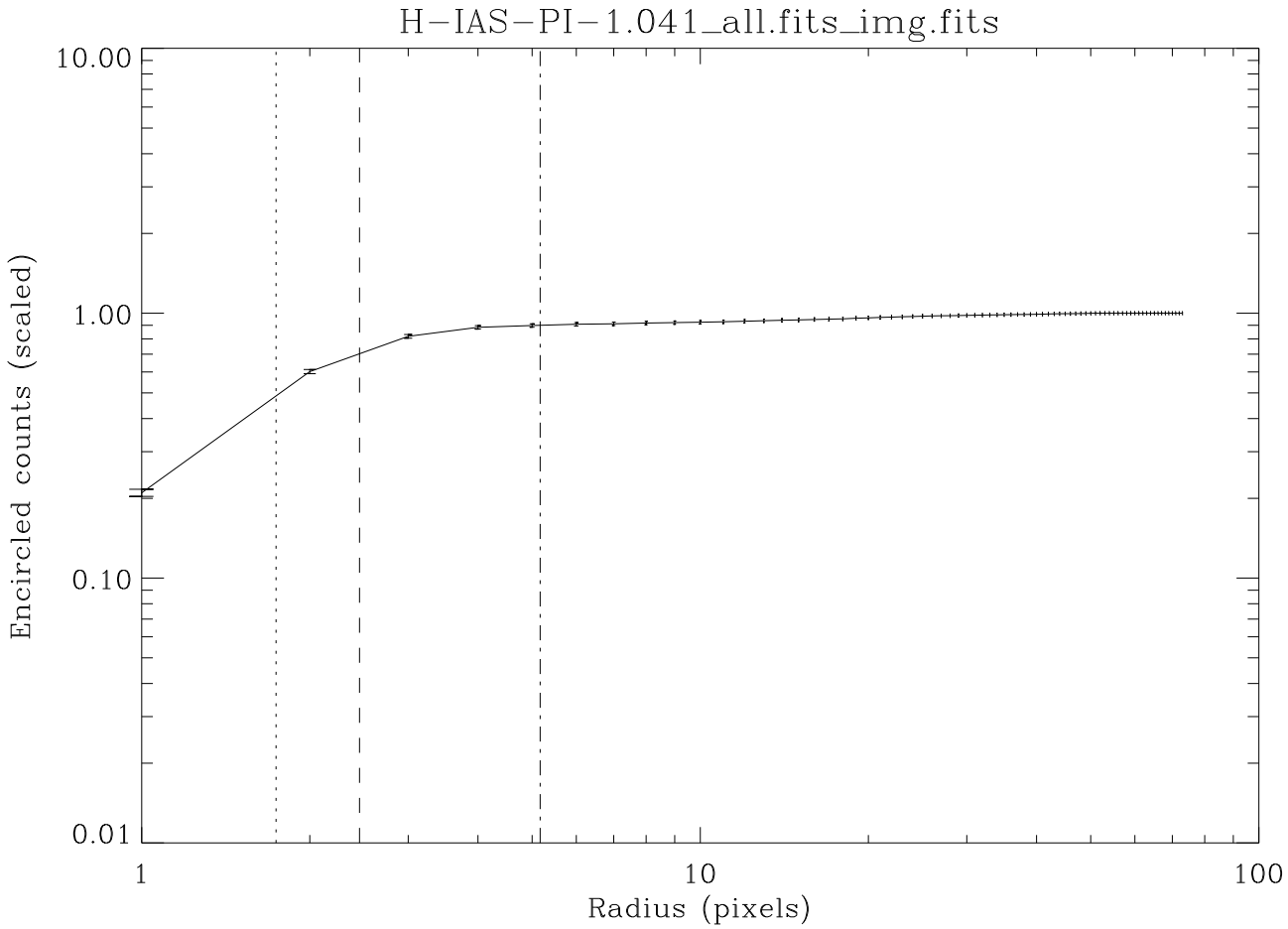
90% radius = 5.51276

Encircled energy radii in microns

50% radius = 42.3959

70% radius = 60.0072

90% radius = 132.306



Encircled energy radii in pixels

50% radius = 1.73994

70% radius = 2.45466

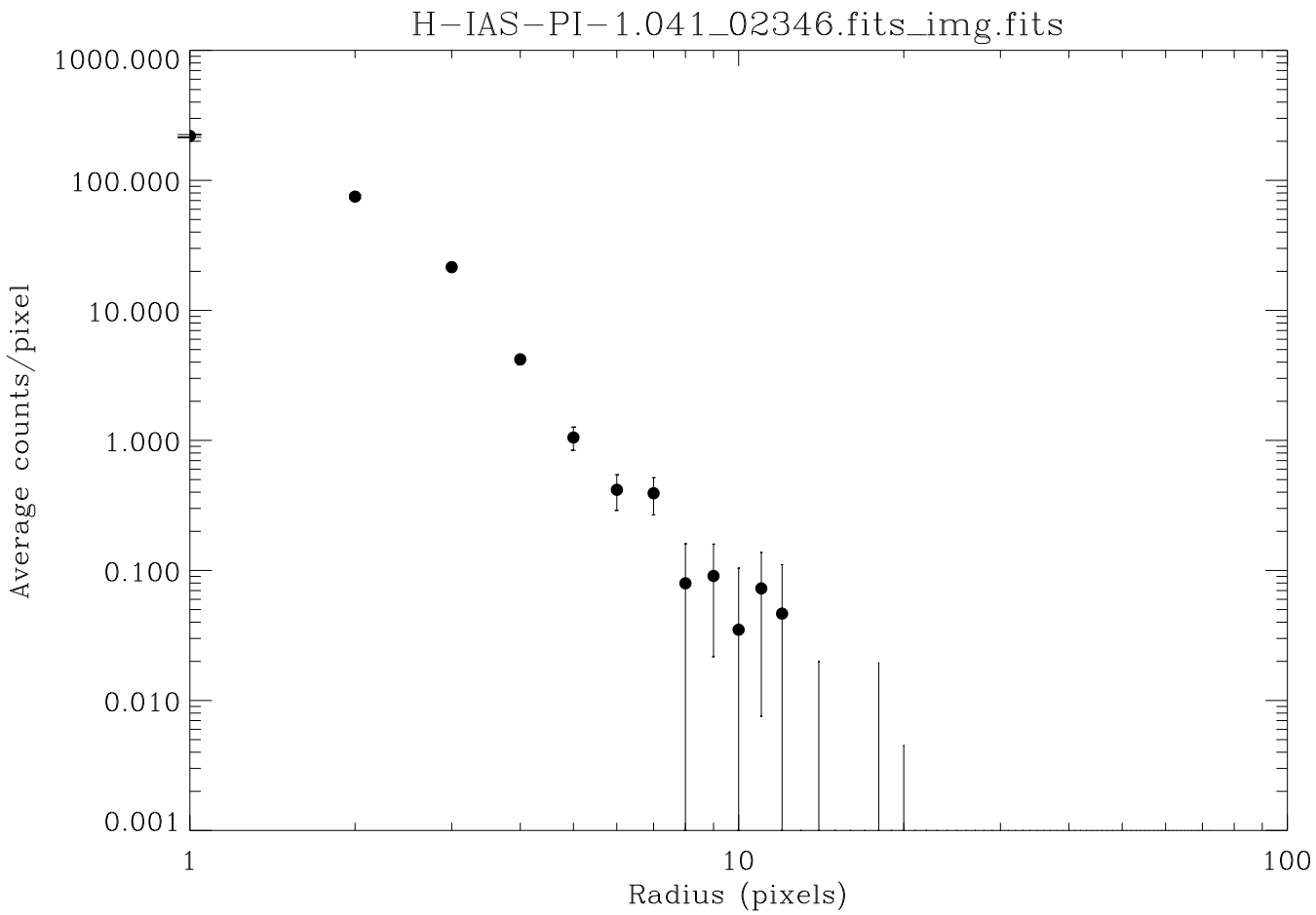
90% radius = 5.16875

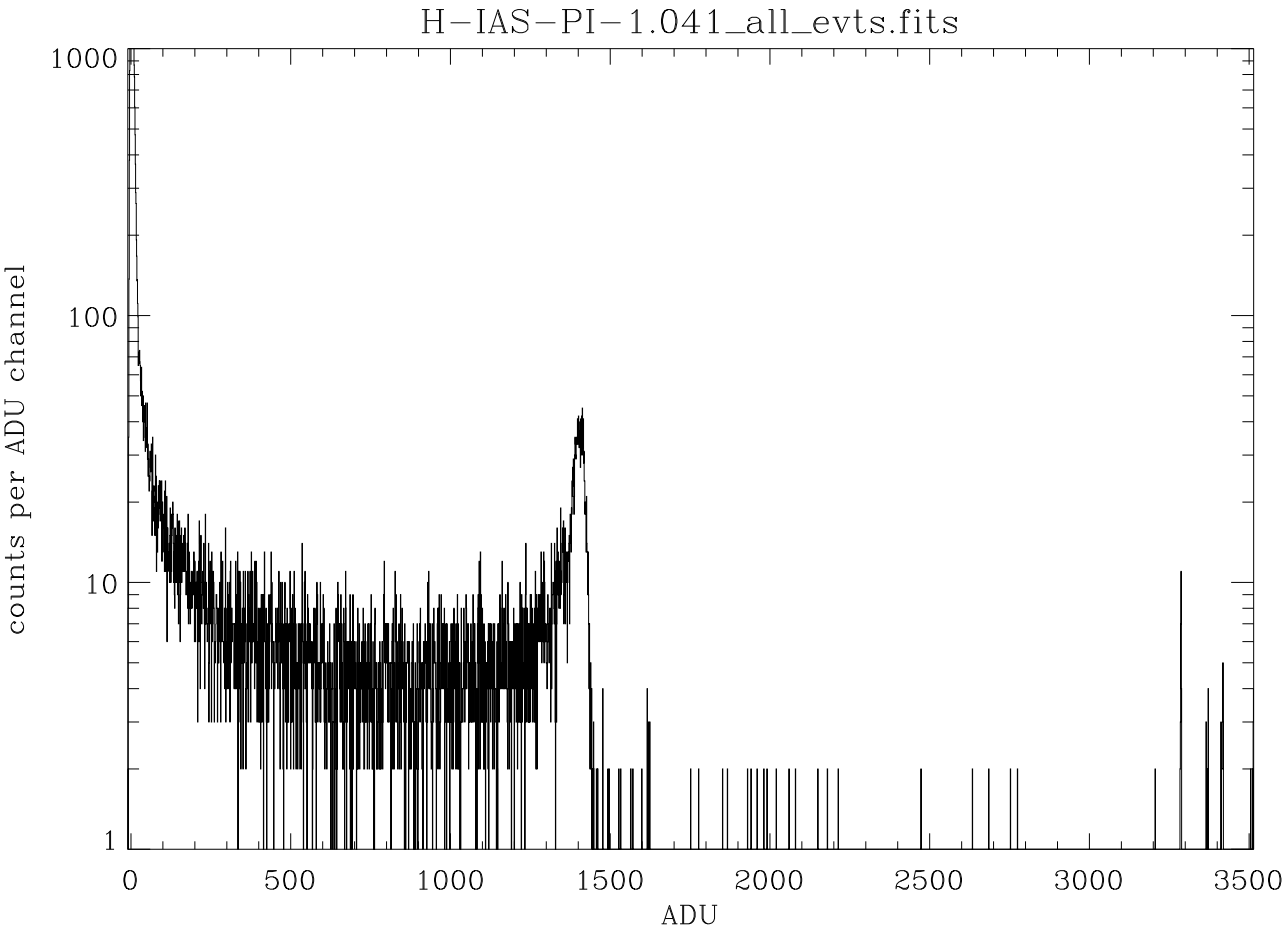
Encircled energy radii in microns

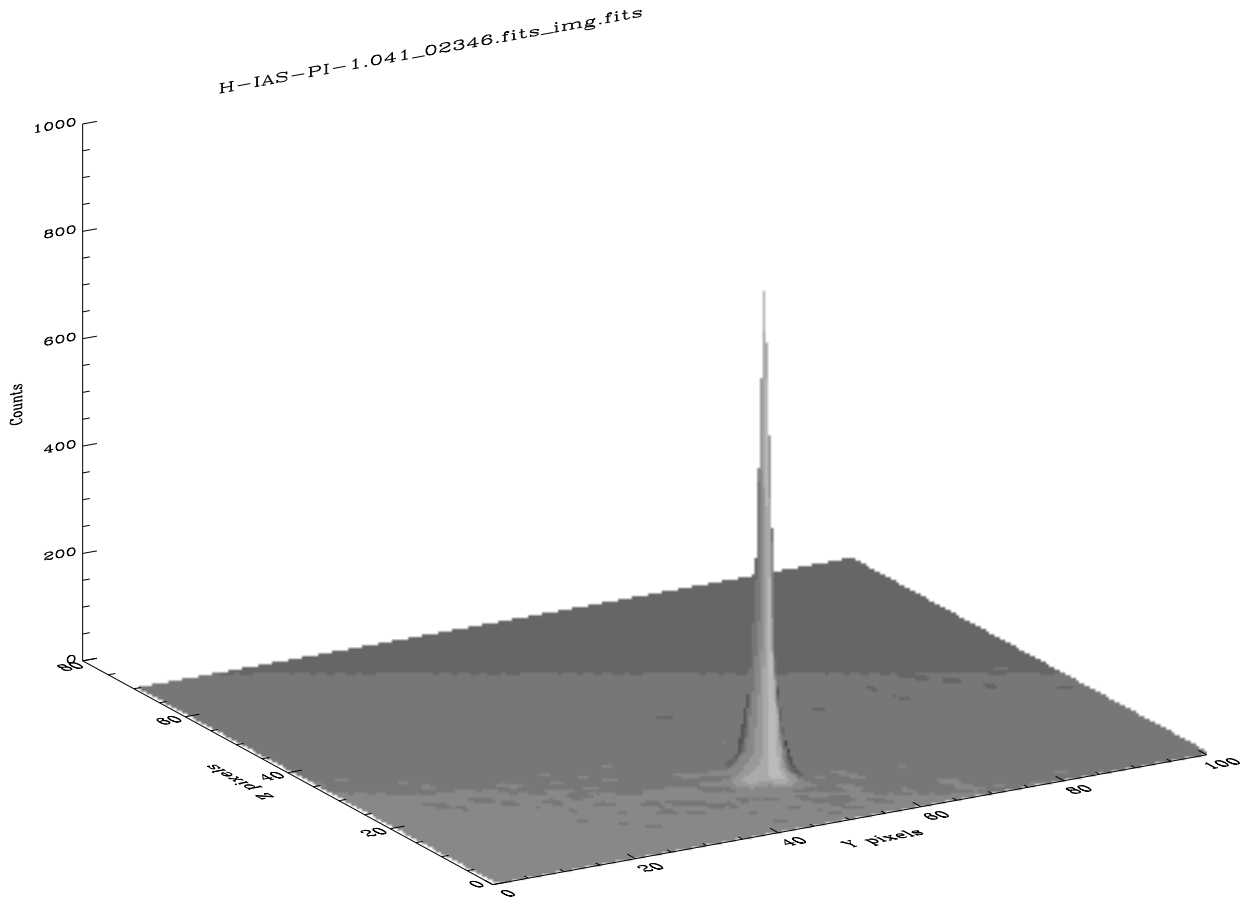
50% radius = 41.7585

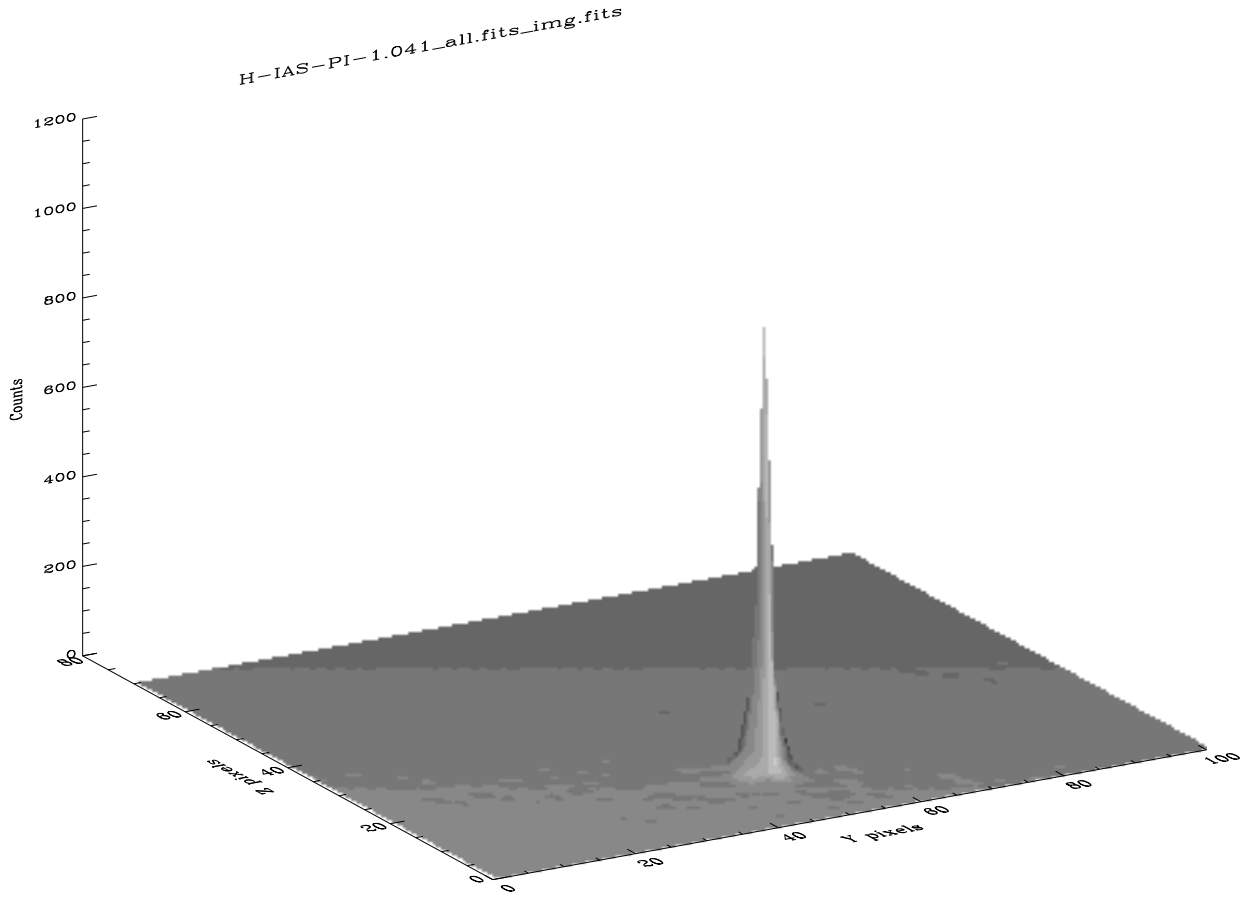
70% radius = 58.9118

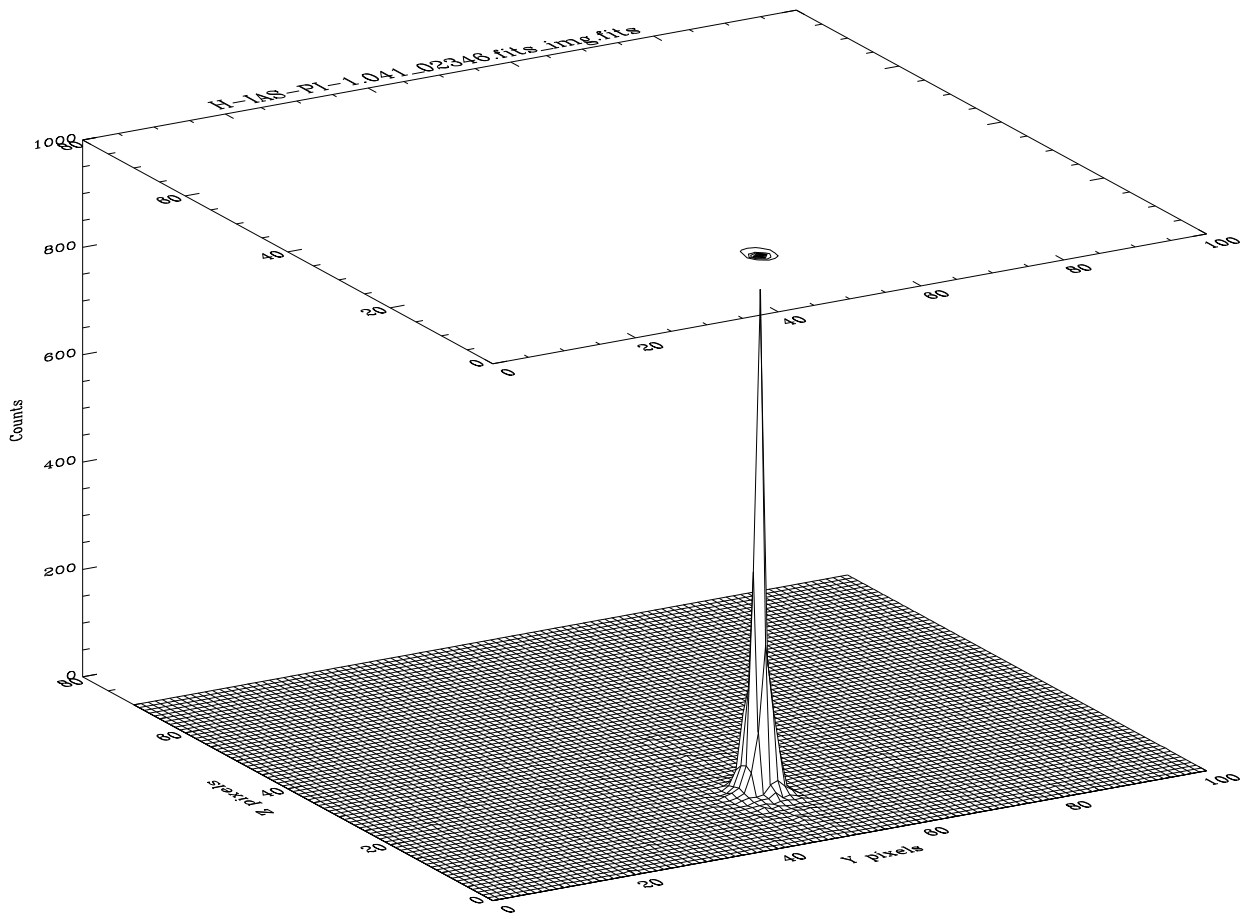
90% radius = 124.050

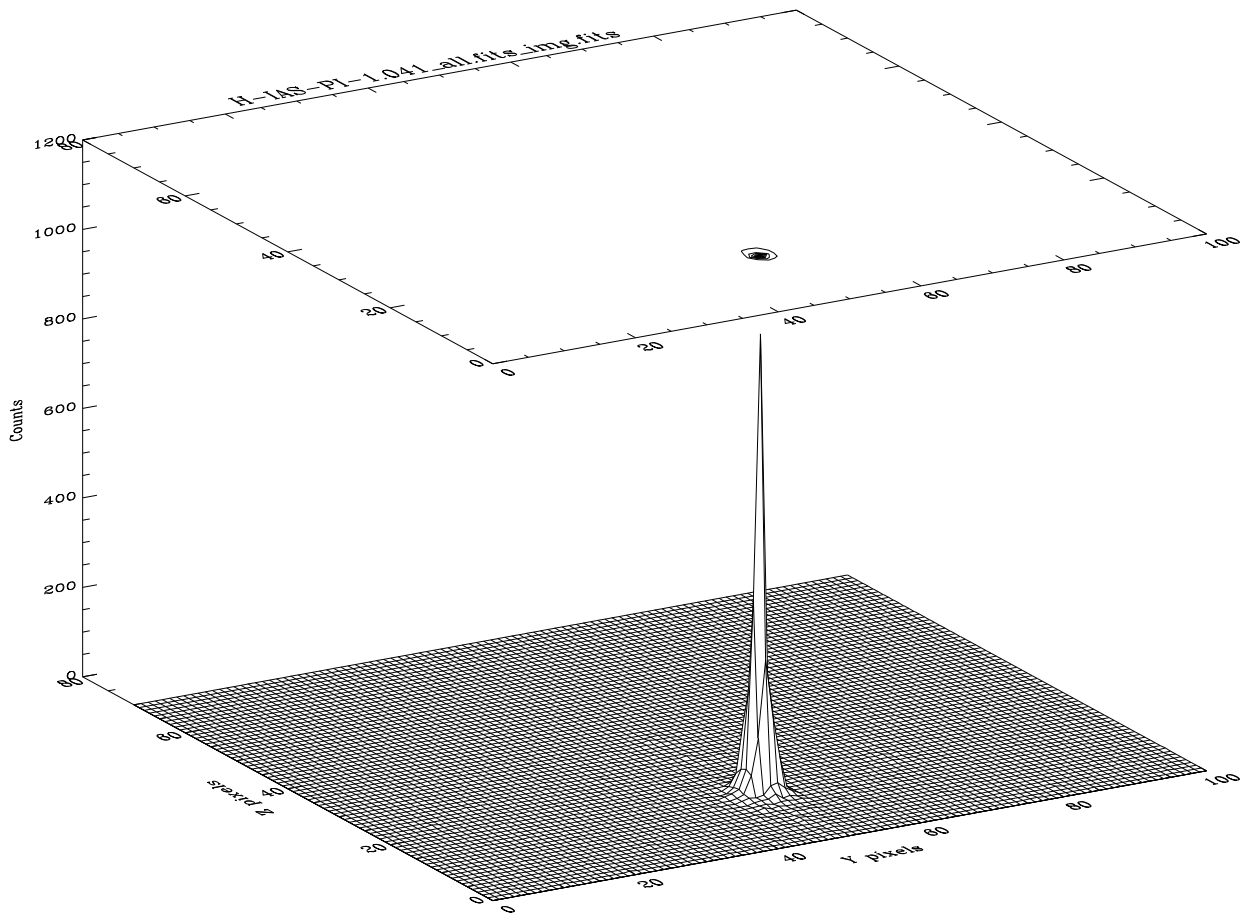

H−IAS−PI−1.041_02346.fits_img.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)

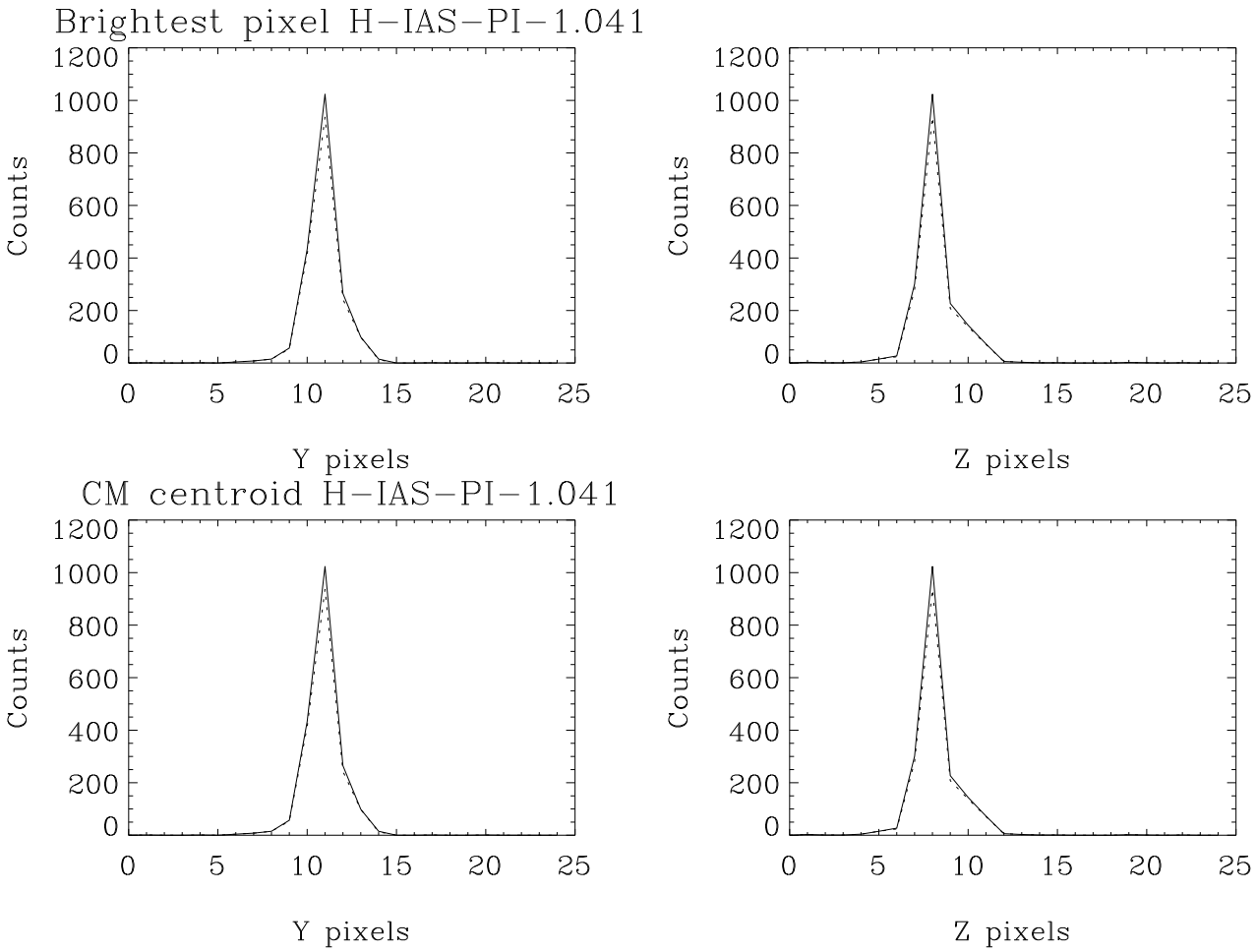

H−IAS−PI−1.041_all_evts.fits
counts per ADU channel
1000
100
10
1
0
500
1000
1500
2000
2500
3000
3500
ADU


H-IAS-PI-1.041_02346.fits_img.fits
Counts
1000
800
600
400
200
0
X pixels
0
20
40
60
80
100
Y pixels
0
20
40
60
80
100


H-IAS-PI-1.041_all.fits_img.fits
Counts
1200
1000
800
600
400
200
0
X pixels
0
20
40
60
80
100
Y pixels


HI-IAS-PI-1.041_02346.fits_img.fits
Counts
1000
800
600
400
200
0
0
20
40
60
80
100
X pixels
Y pixels


H-IAS-PI-1.041_all.fits_img.fits
Counts
Z pixels
Y pixels
0
20
40
60
80
100
200
400
600
800
1000
1200



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

Brightest pixel (Y,Z)

All grades	11	8
Std. grades	11	8

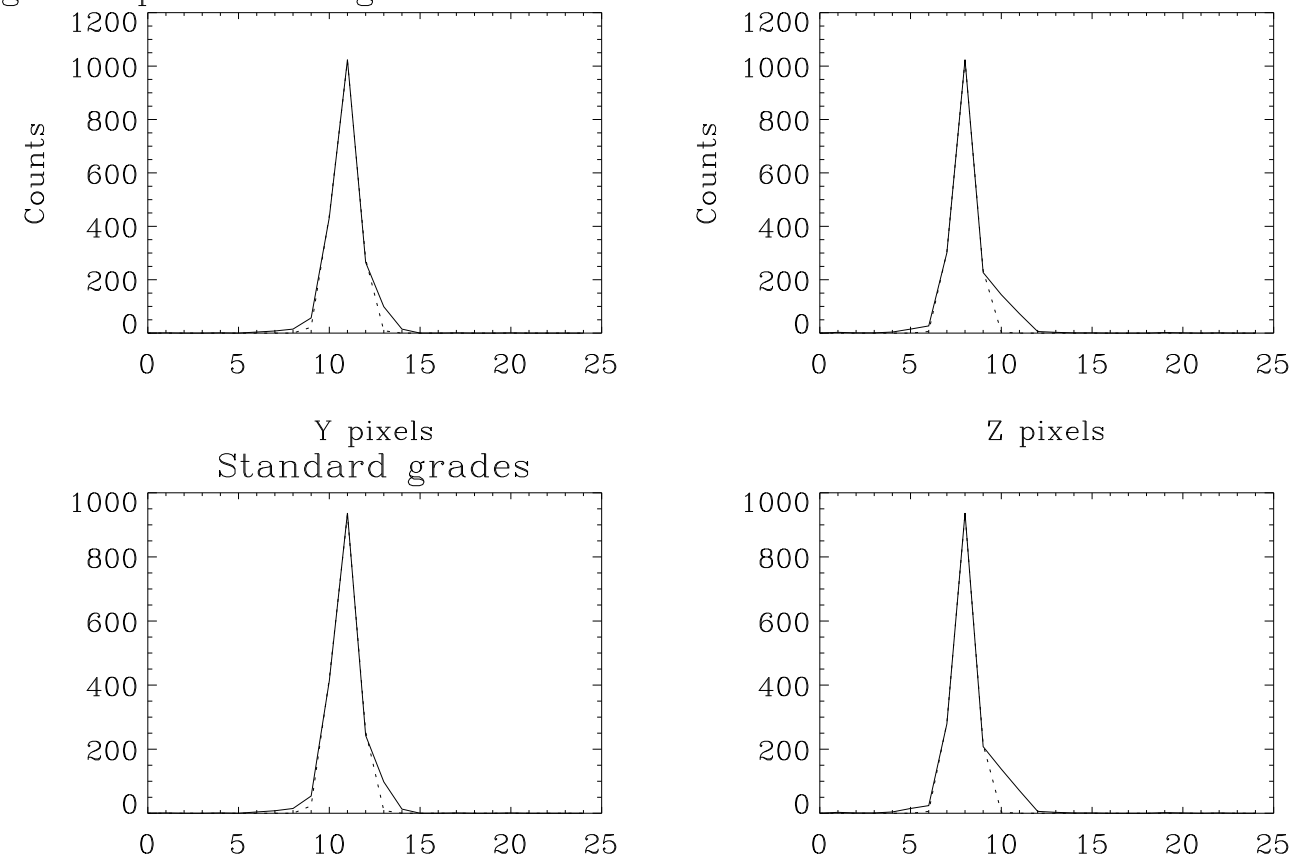
CM Centroid (Y,Z)

All grades	11.0385	8.35916
Std. grades	11.0323	8.37456

Brightest pixel maxima

All grades:	1024
Std. grades:	937

Brightest pixel – All grades H–IAS–PI–1.041



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

	Integrated	Analytical
All Y	1900.6883	1766.7568
Std Y	1753.8139	1638.8701
All Z	1406.5843	1568.1451
Std Z	1293.3071	1439.5224

	amplitude	offset	sigma	FWHM
All Y:	1032.3266	10.891582	0.68276261	1.6072232
Std Y:	946.22161	10.880747	0.69097405	1.6265530
All Z:	1025.3439	7.9514346	0.61013617	1.4362606
Std Z:	938.38986	7.9492960	0.61199122	1.4406274