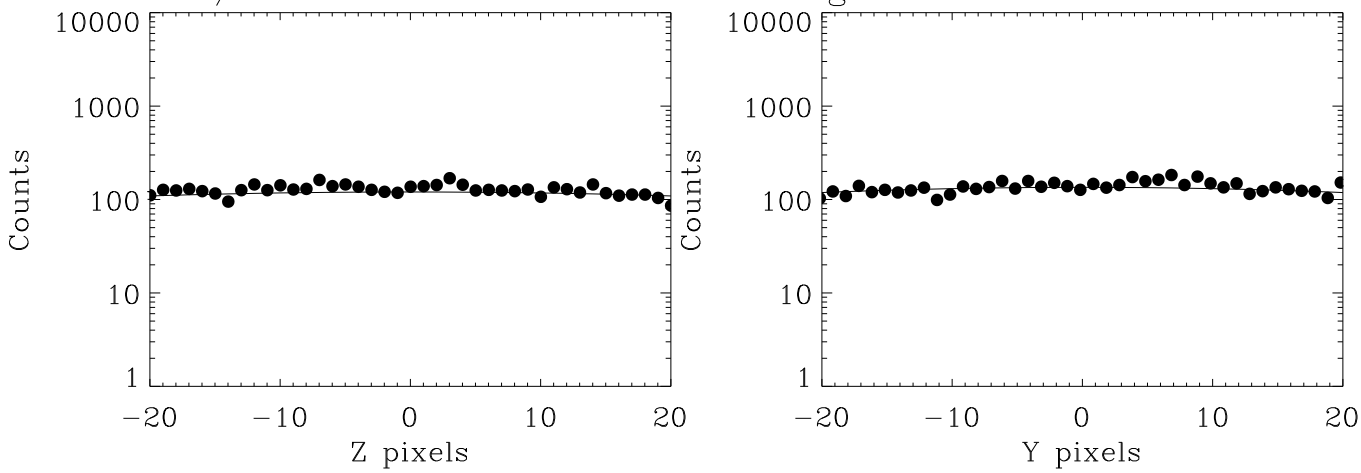
-IAI-PI-21.006/H-IAI-PI-21.006_02346.fits_img.fits



All measurements in pixels

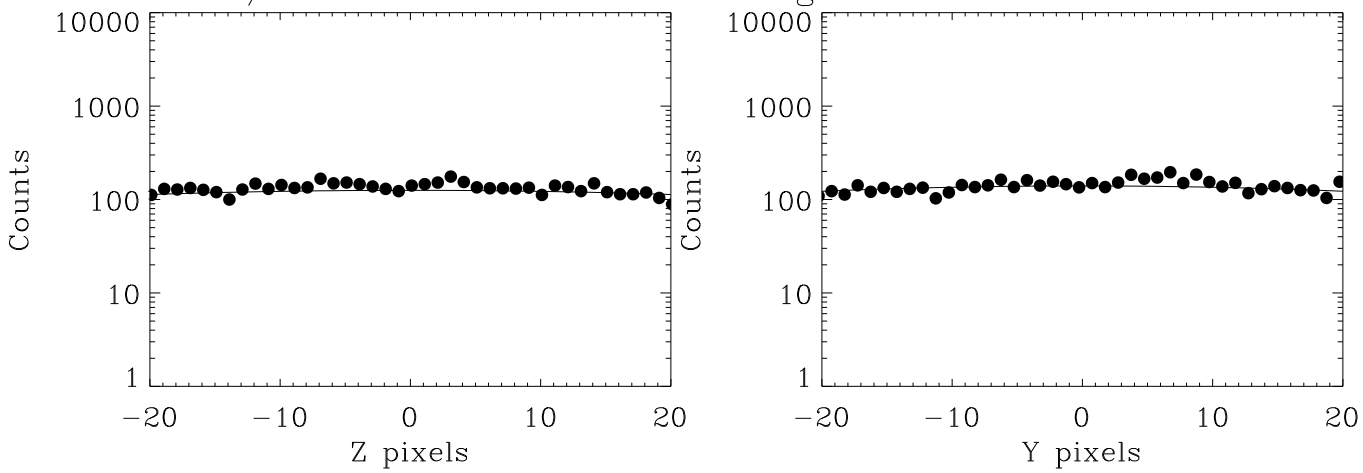
Z gaussian FWHM = 106.37828

Y gaussian FWHM = 93.223140

Z fit parameters: Amplitude= 120 Offset= 95 Sigma= 45

Y fit parameters: Amplitude= 135 Offset= 99 Sigma= 39

H-IAI-PI-21.006/H-IAI-PI-21.006_all.fits_img.fits



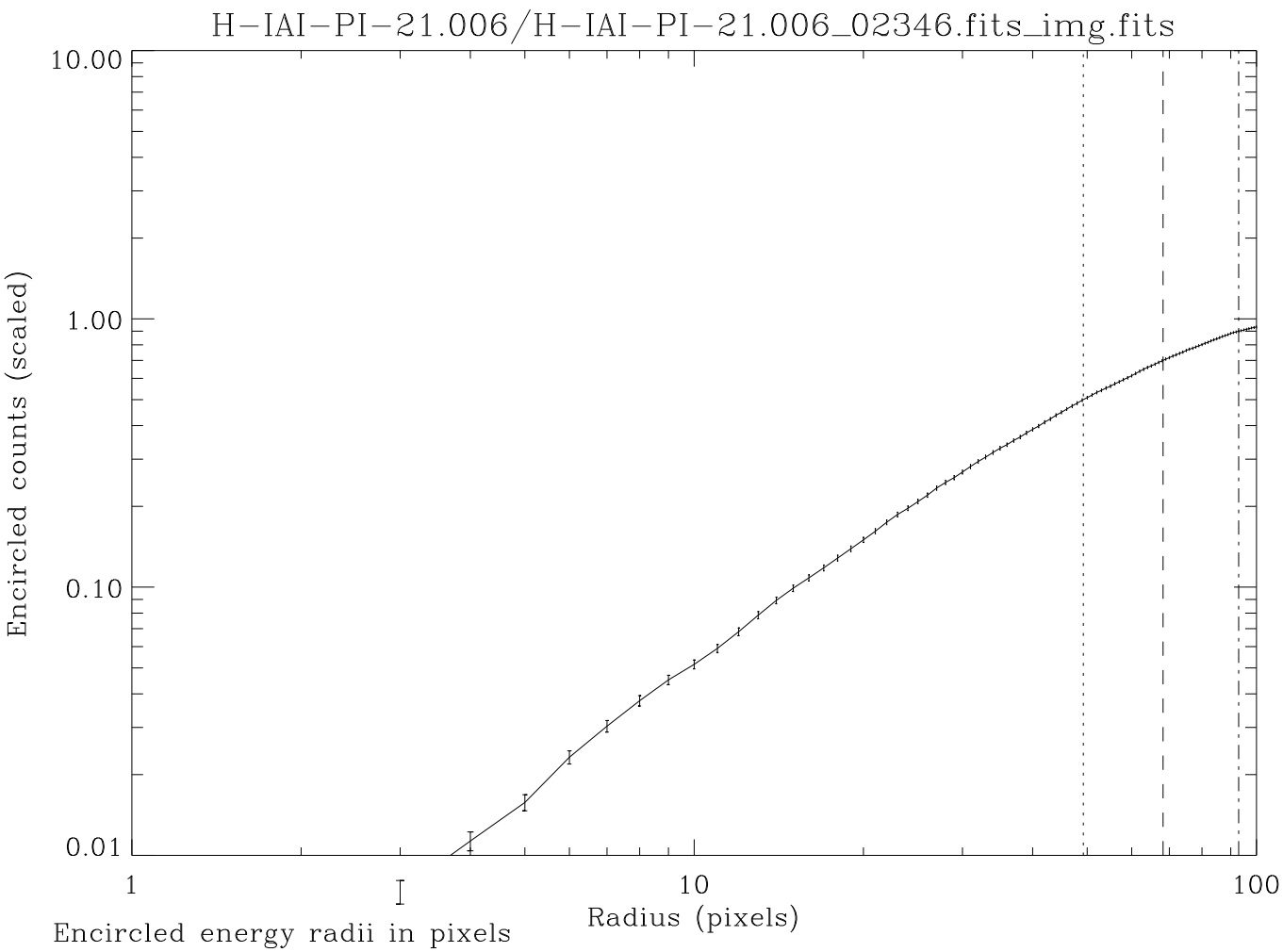
All measurements in pixels

Z gaussian FWHM = 104.07228

Y gaussian FWHM = 91.880783

Z fit parameters: Amplitude= 125 Offset= 95 Sigma= 44

Y fit parameters: Amplitude= 139 Offset= 99 Sigma= 39



Encircled energy radii in pixels

50% radius = 49.2118

70% radius = 68.2106

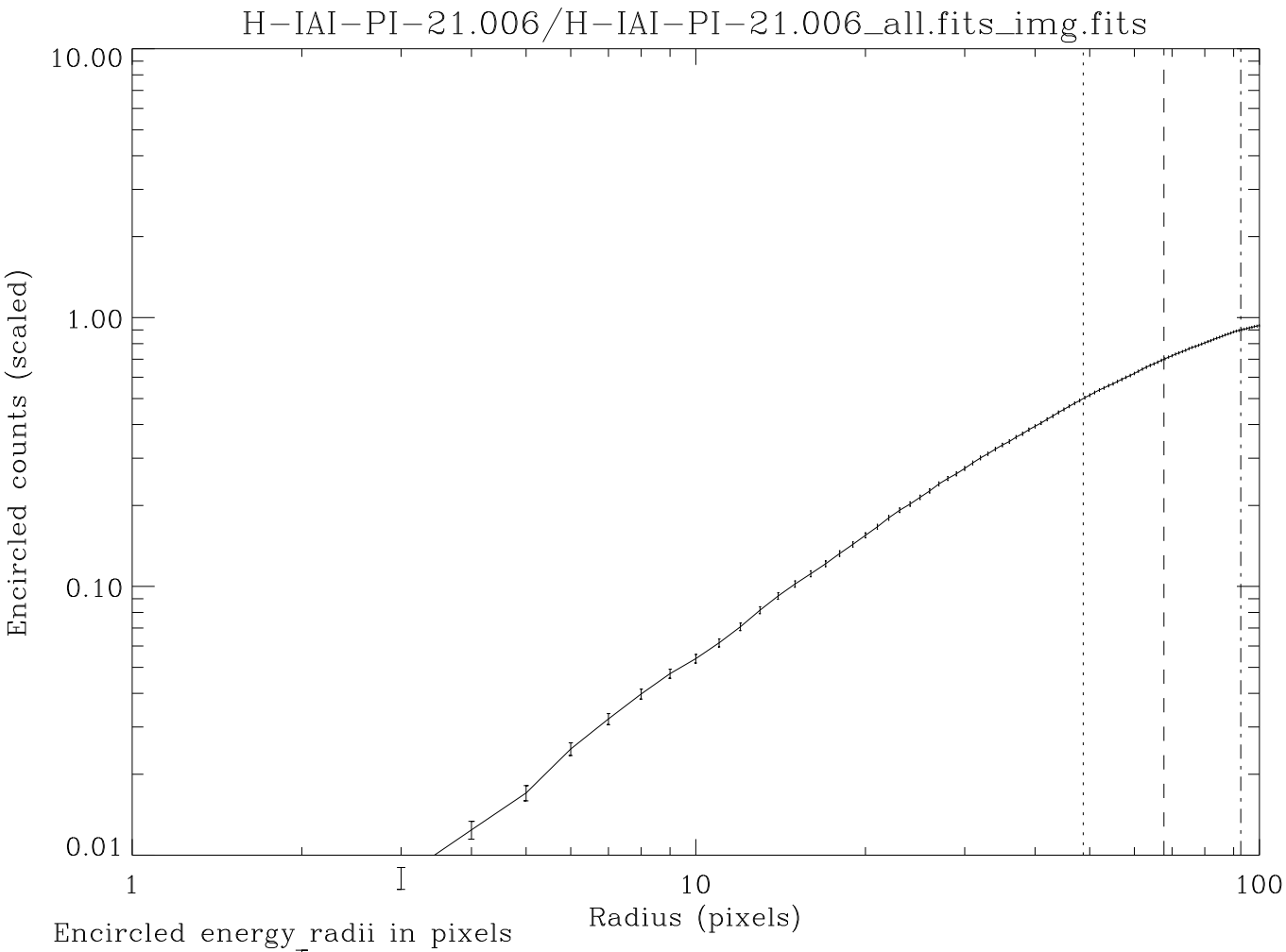
90% radius = 92.9640

Encircled energy radii in microns

50% radius = 1181.08

70% radius = 1637.06

90% radius = 2231.13



Encircled energy radii in pixels

50% radius = 48.6839

70% radius = 67.7109

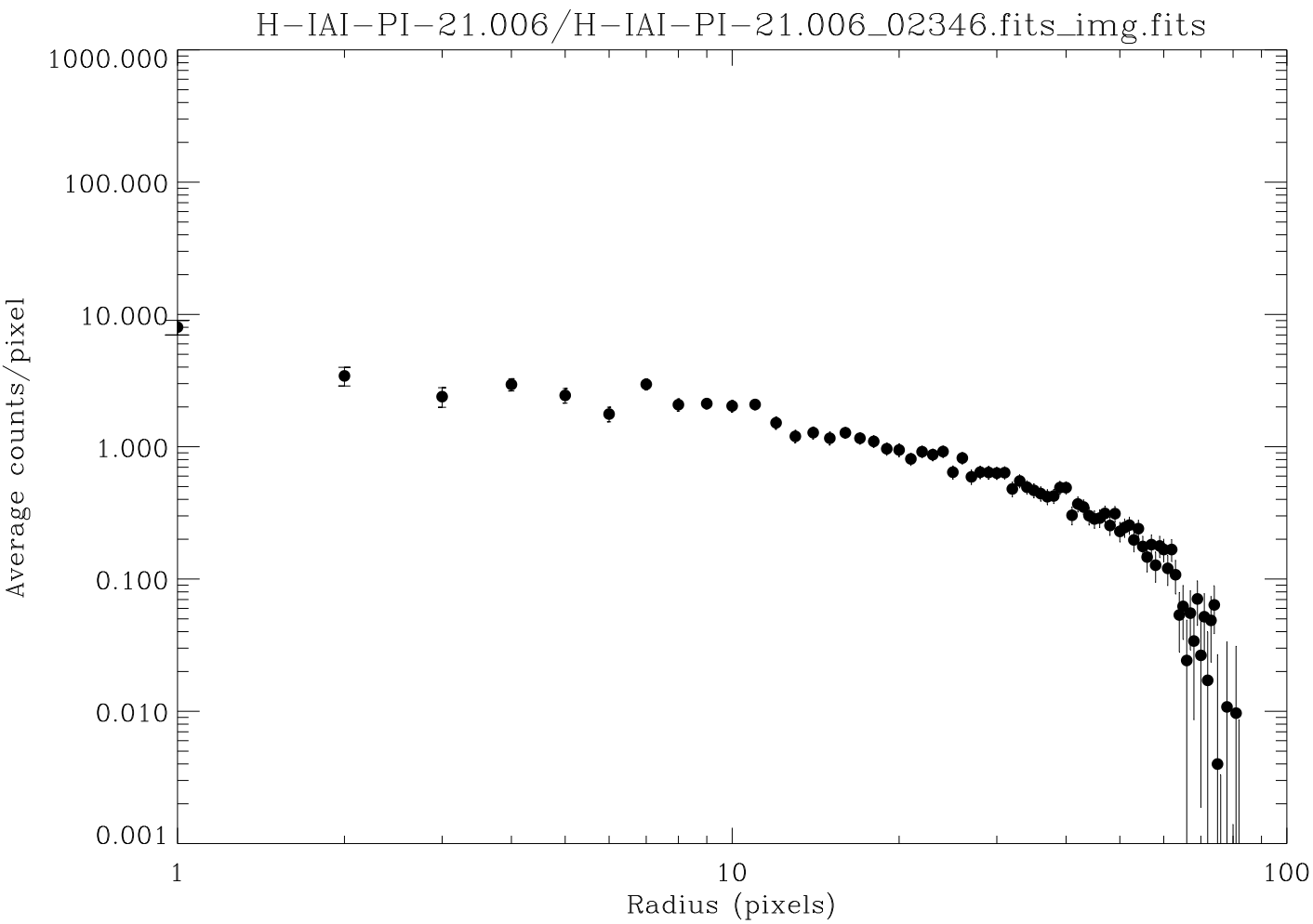
90% radius = 92.6744

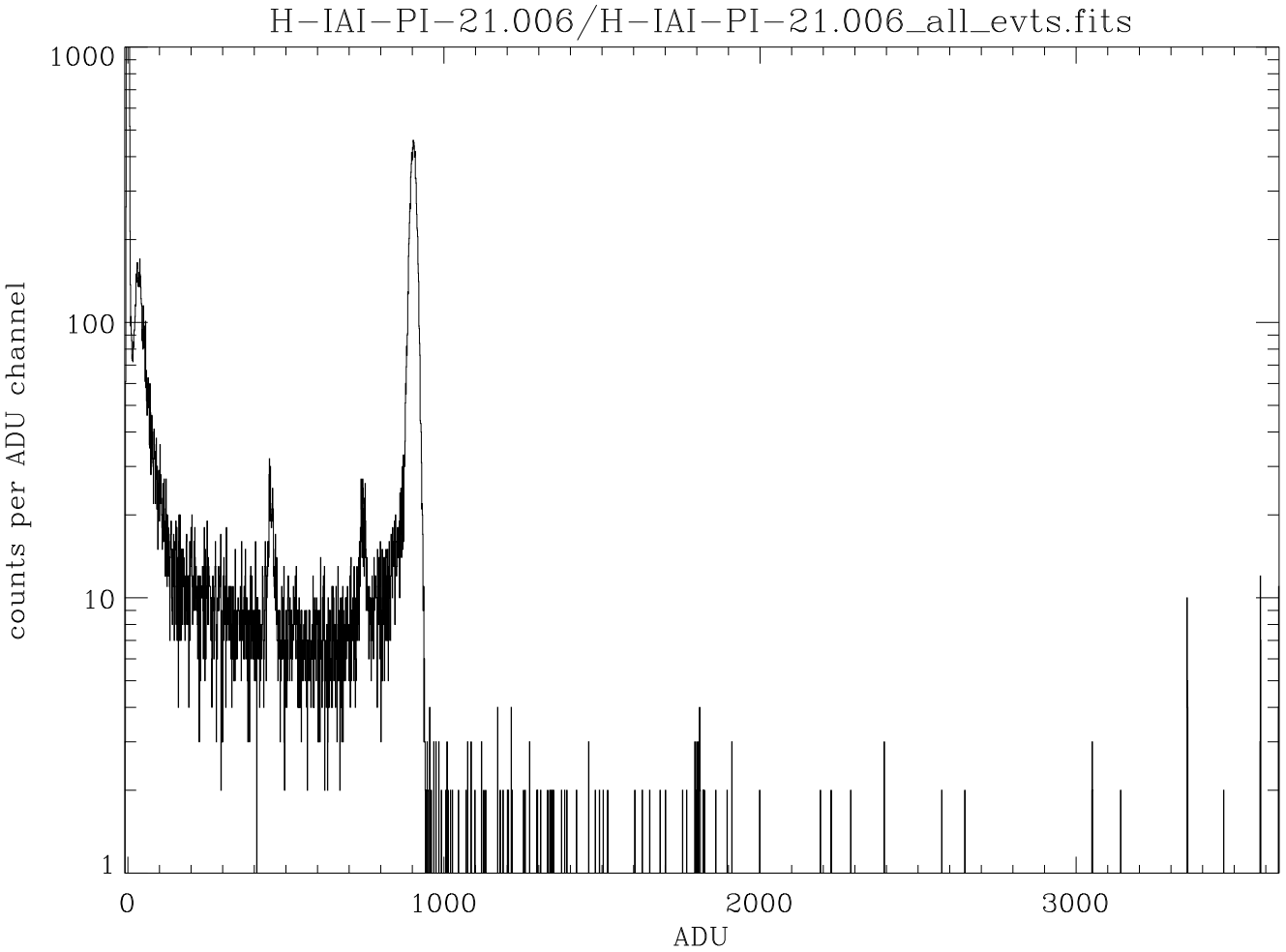
Encircled energy radii in microns

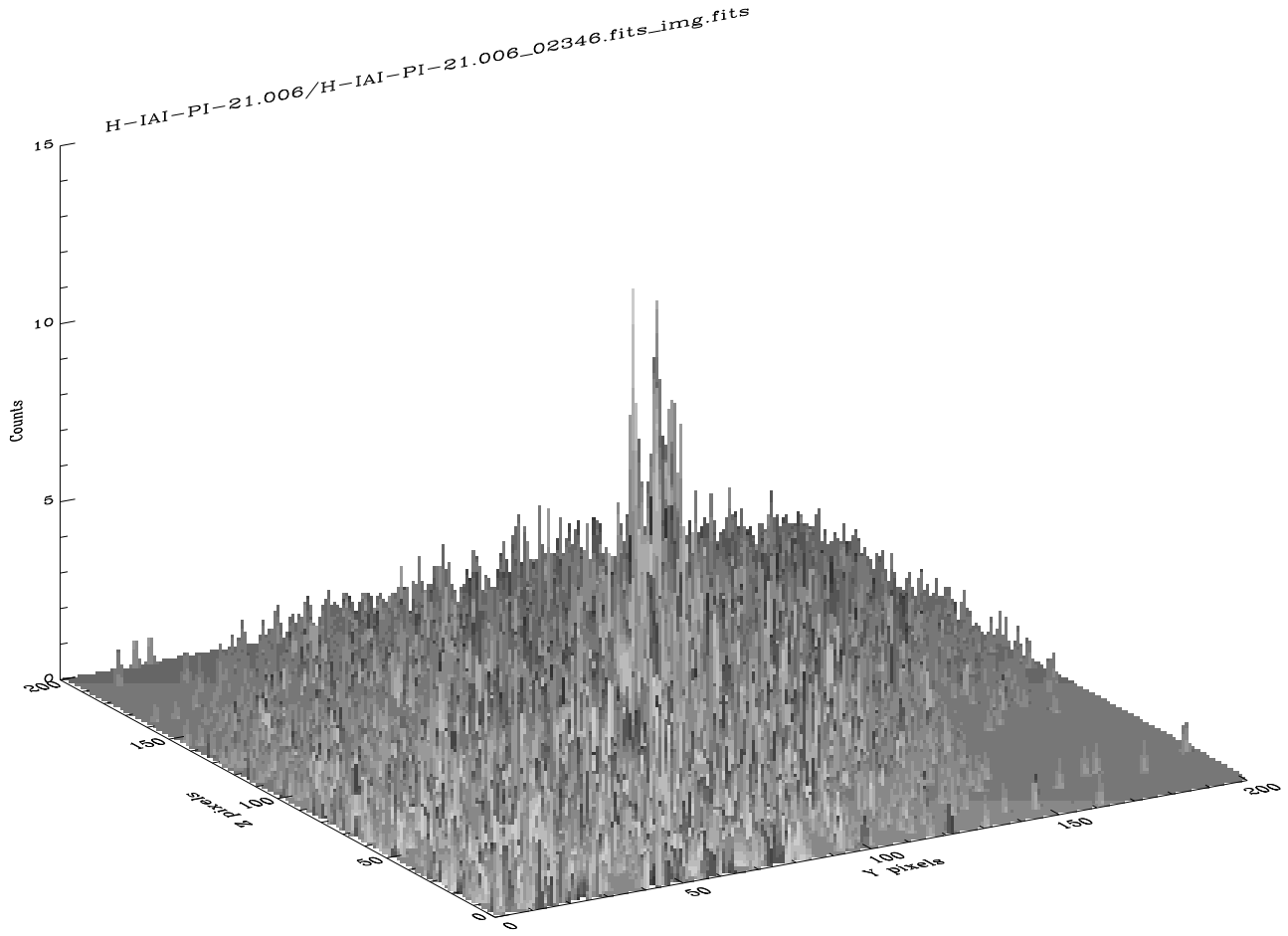
50% radius = 1168.41

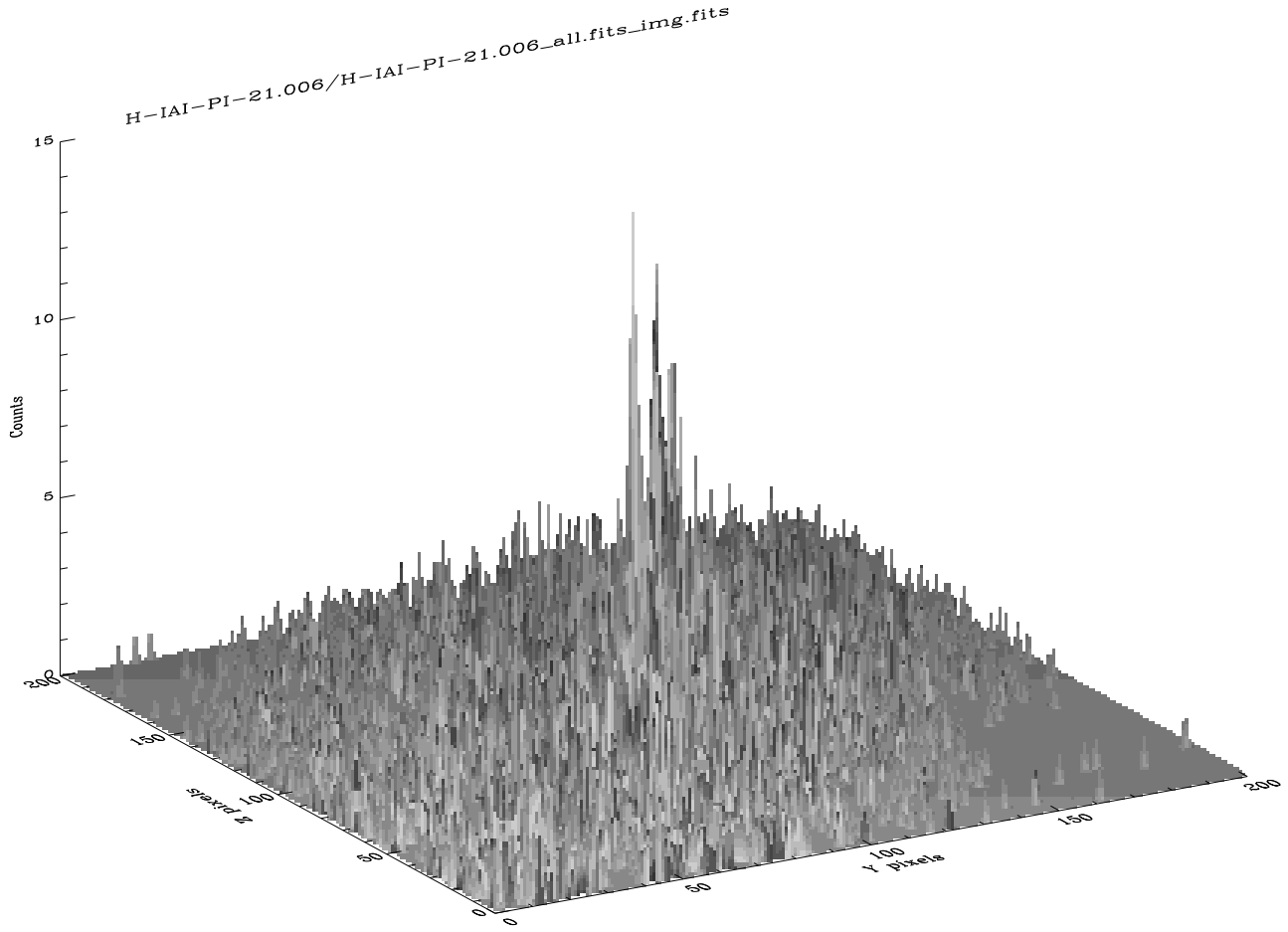
70% radius = 1625.06

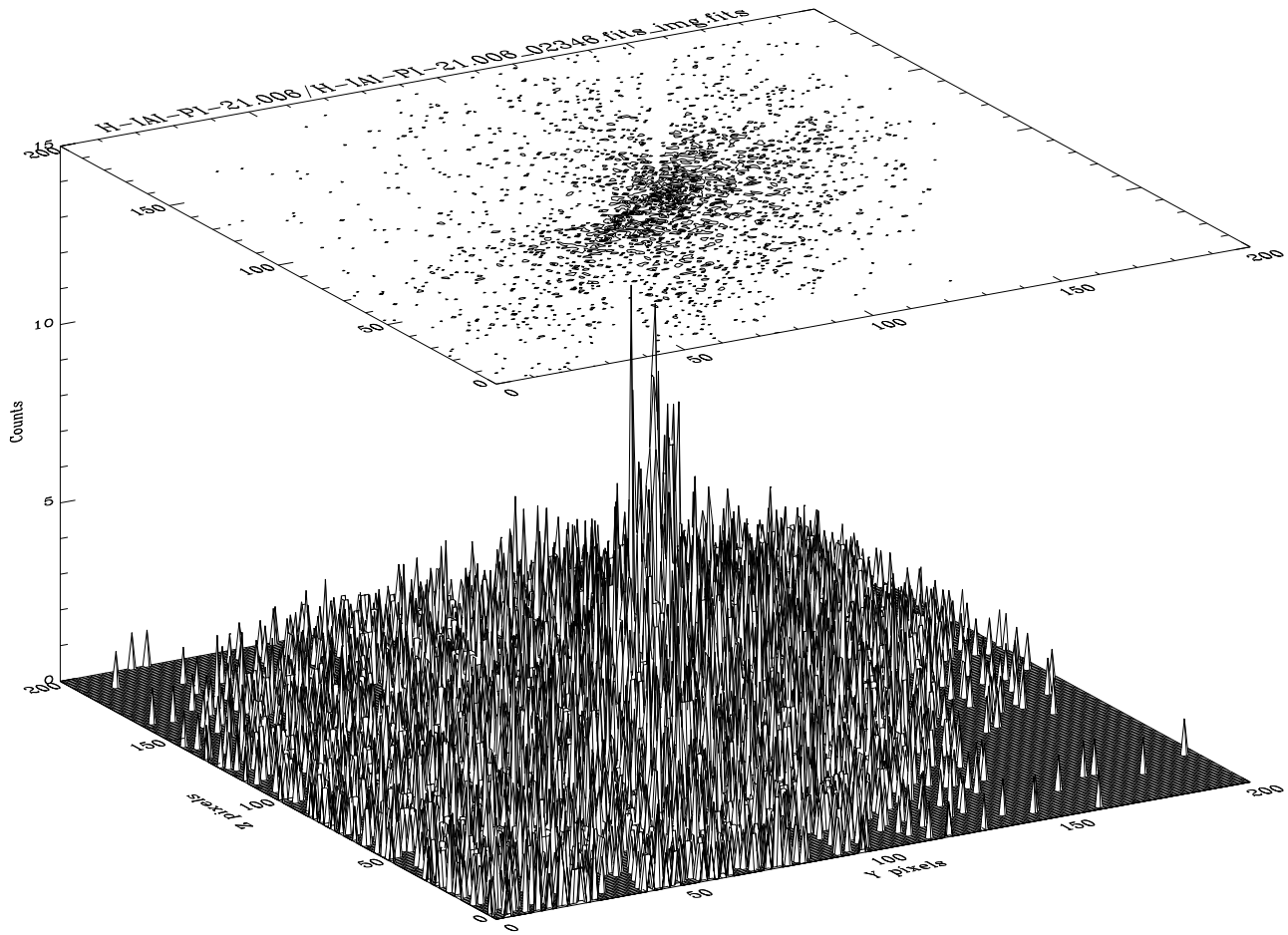
90% radius = 2224.19

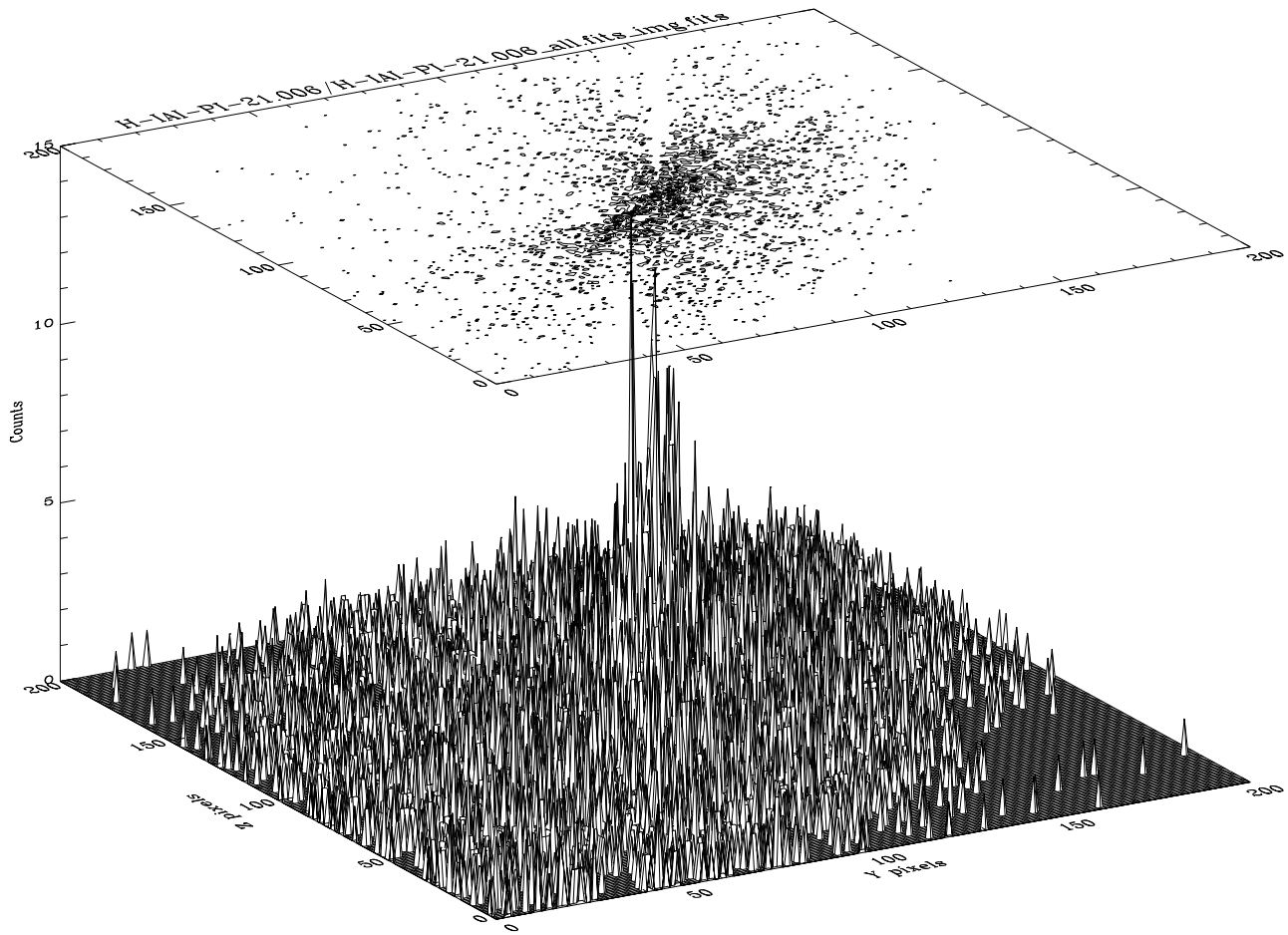

H−IAI−PI−21.006/H−IAI−PI−21.006_02346.fits_img.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)

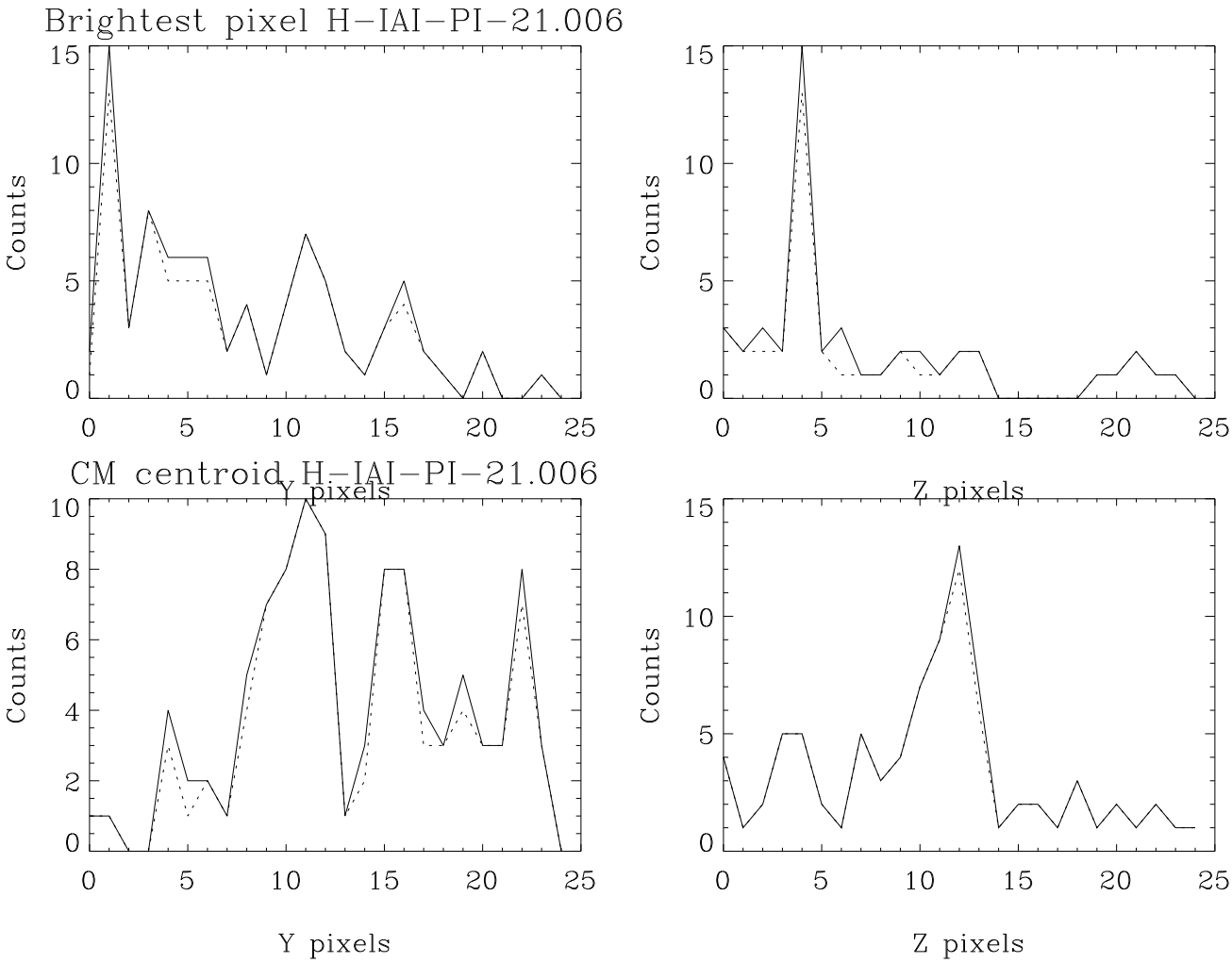

H-IAI-PI-21.006/H-IAI-PI-21.006_all_evts.fits
counts per ADU channel
1000
100
10
1
0
1000
2000
3000
ADU


H-IAI-PI-21.006/H-IAI-PI-21.006_02346.fits_img.fits
Counts
15
10
5
0
200
150
100
50
0
X pixels
0
50
100
150
200
Y Pixels


H-IAI-PI-21.006/H-IAI-PI-21.006_all.fits_img.fits
Counts
15
10
5
0
200
150
100
50
0
X pixels
0
50
100
150
200
Y Pixels


H-1AI-P1-21.006/H-1AI-P1-21.006_023A8.fits_img.fits
Counts
15
10
5
0
200
150
100
50
0
X pixels
Y pixels


H_1AI_P1_21.006/H_1AI_P1_21.006_all.fits_img.fits
Counts
X pixels
Y pixels
0
50
100
150
200
5
10
15



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

Brightest pixel (Y,Z)

All grades	1	4
Std. grades	1	4

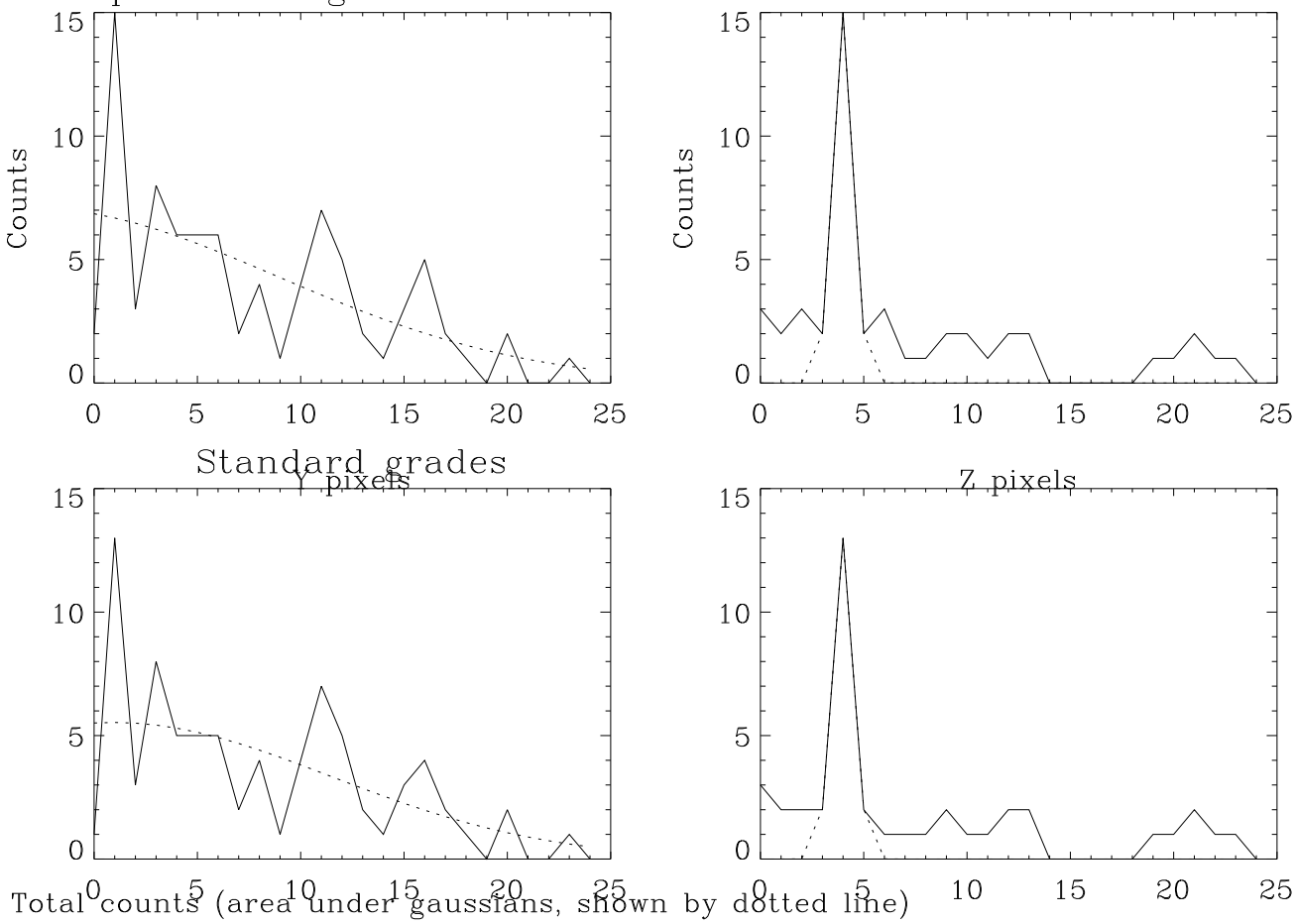
CM Centroid (Y,Z)

All grades	12.5985	11.2116
Std. grades	12.6397	11.2329

Brightest pixel maxima

All grades:	15
Std. grades:	13

Brightest pixel – All grades H–IAI–PI–21.006



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

	Integrated	Analytical
All Y	82.590098	214.97915
Std Y	75.962136	145.72936
All Z	15.099136	18.786405
Std Z	13.847606	16.888059

	amplitude	offset	sigma	FWHM
All Y:	7.0961685	−3.1729580	12.085997	28.450438
Std Y:	5.5326343	0.93172018	10.508124	24.736124
All Z:	14.995283	4.0000053	0.49980323	1.1765369
Std Z:	12.994641	3.9994915	0.51847224	1.2204837