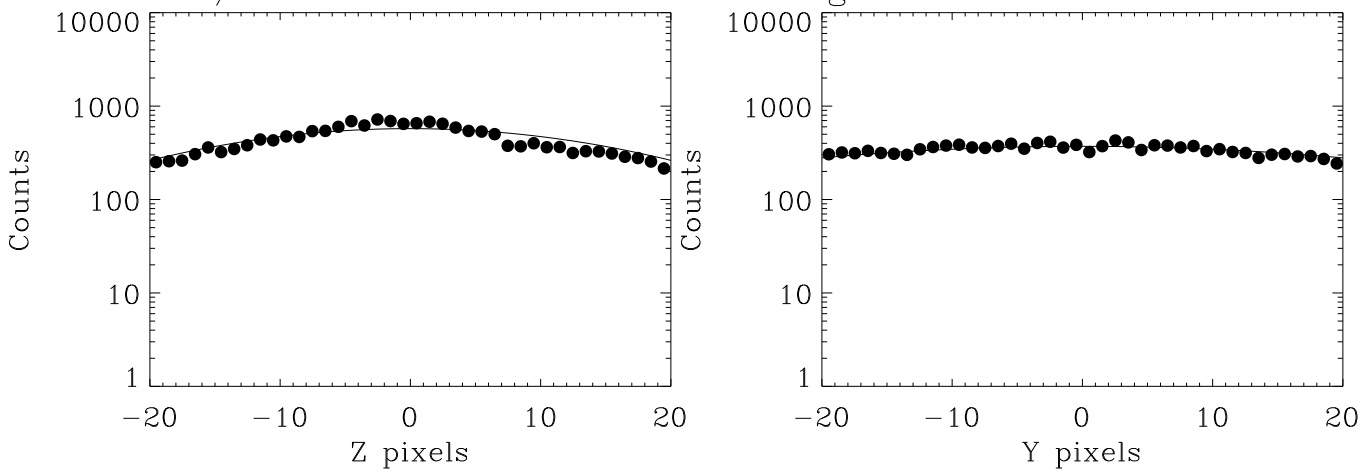
-IAI-PI-21.003/H-IAI-PI-21.003_02346.fits_img.fits



All measurements in pixels

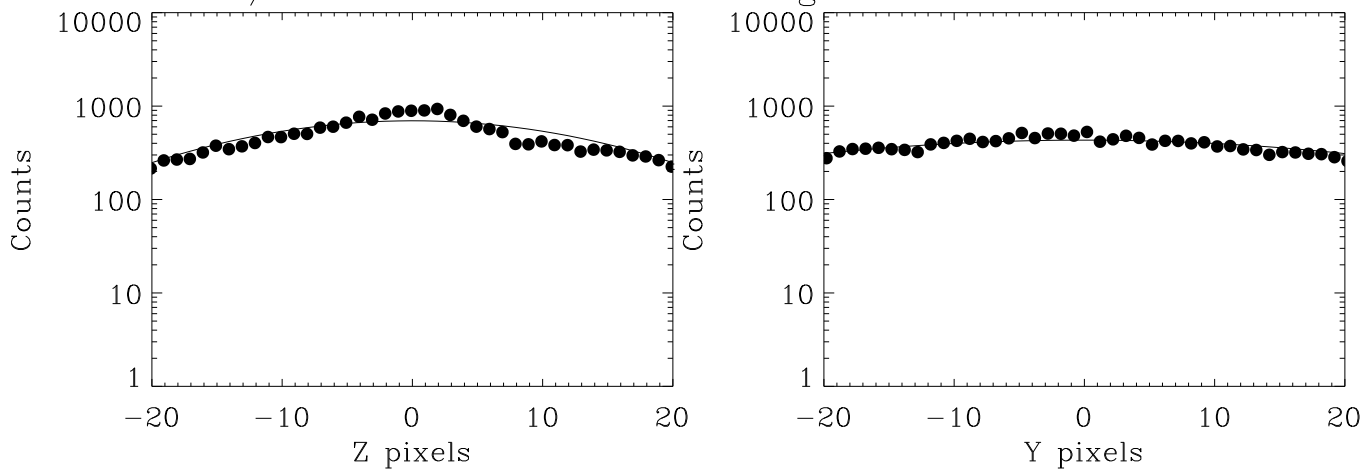
Z gaussian FWHM = 37.644673

Y gaussian FWHM = 62.429799

Z fit parameters: Amplitude= 574 Offset= 98 Sigma= 15

Y fit parameters: Amplitude= 371 Offset= 99 Sigma= 26

H-IAI-PI-21.003/H-IAI-PI-21.003_all.fits_img.fits



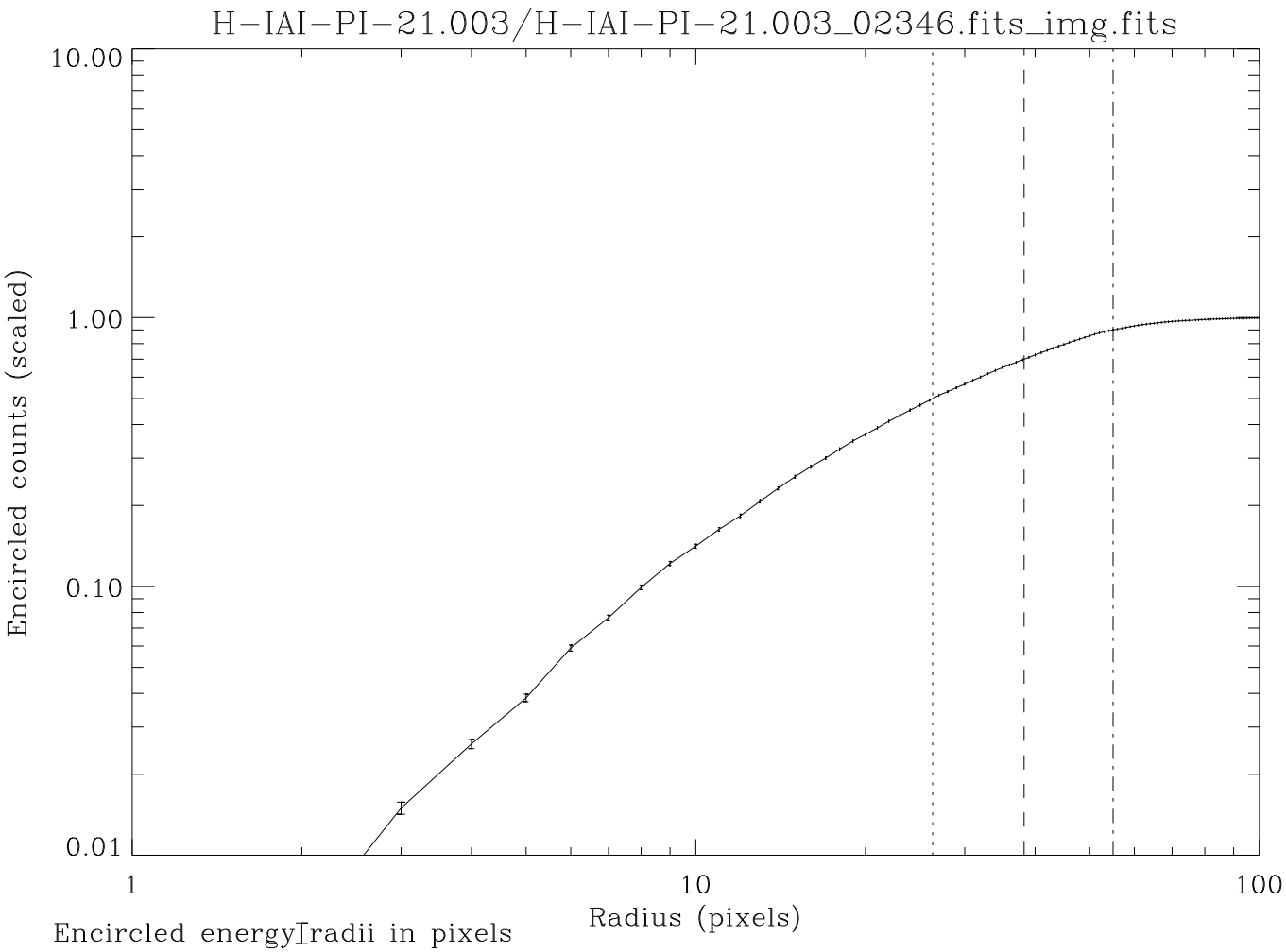
All measurements in pixels

Z gaussian FWHM = 32.788267

Y gaussian FWHM = 57.937260

Z fit parameters: Amplitude= 696 Offset= 98 Sigma= 13

Y fit parameters: Amplitude= 432 Offset= 98 Sigma= 24



Encircled energy radii in pixels

50% radius = 26.3199

70% radius = 38.2325

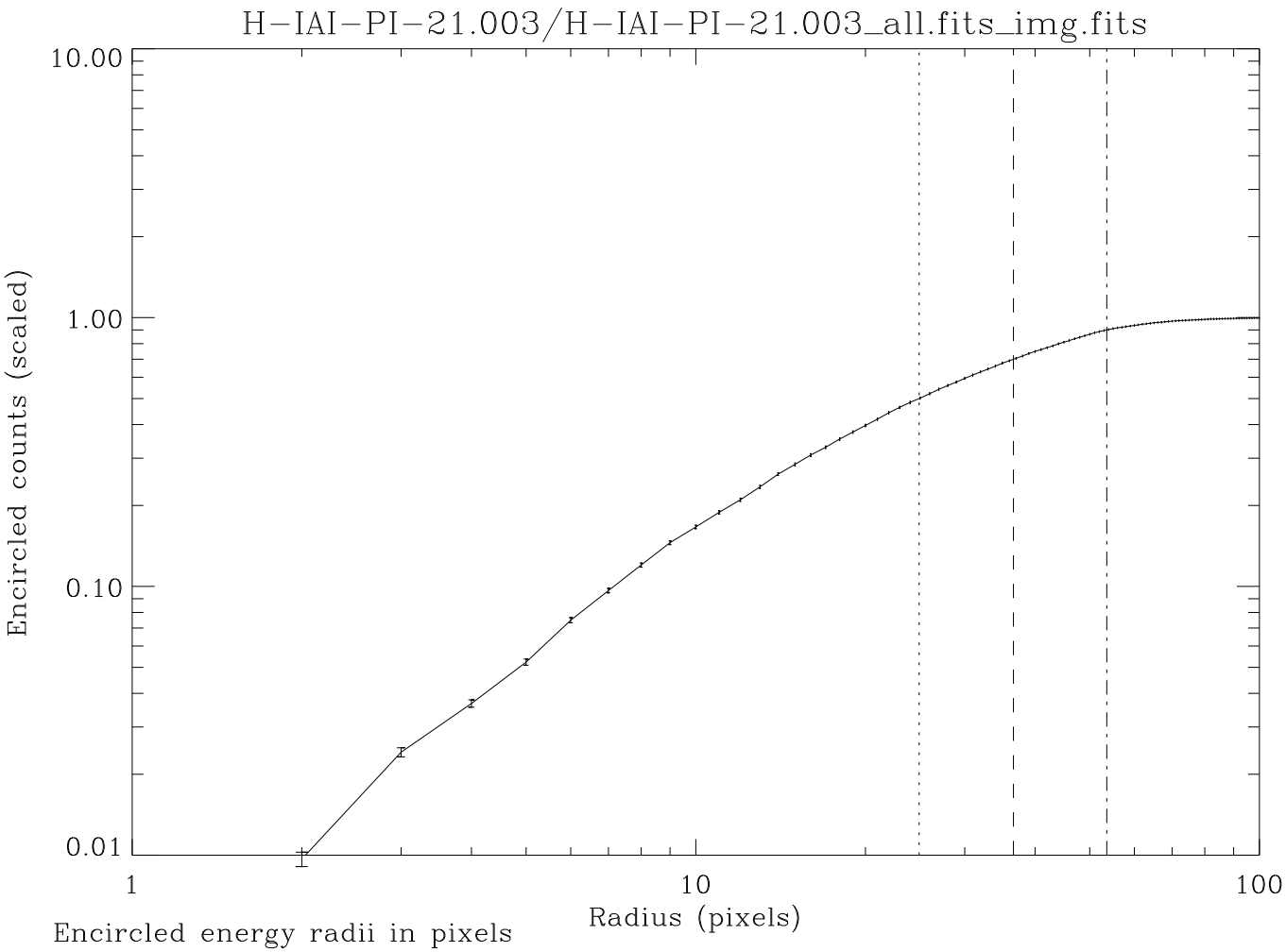
90% radius = 55.0024

Encircled energy radii in microns

50% radius = 631.678

70% radius = 917.581

90% radius = 1320.06



Encircled energy radii in pixels

50% radius = 24.9066

70% radius = 36.6139

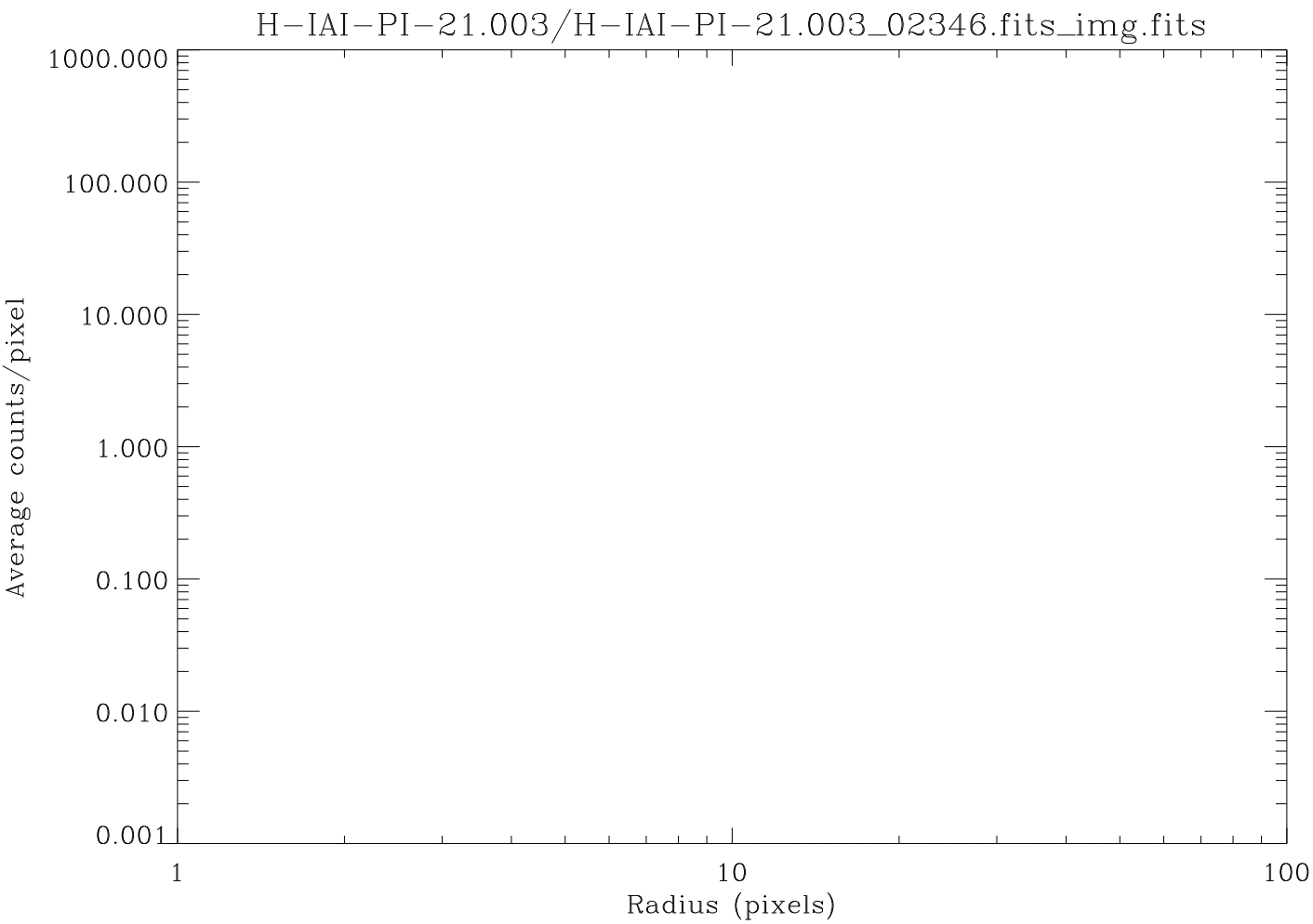
90% radius = 53.6071

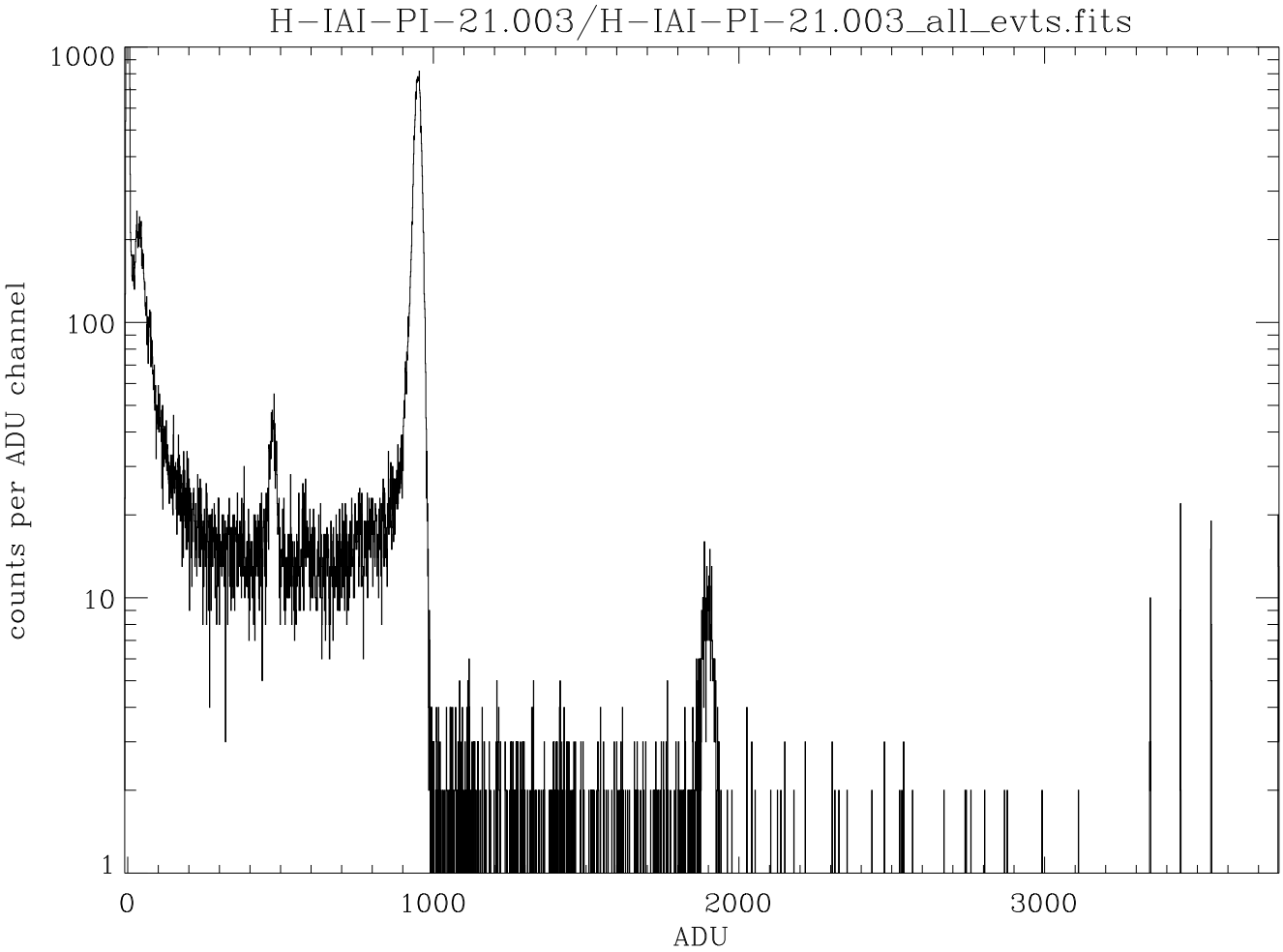
Encircled energy radii in microns

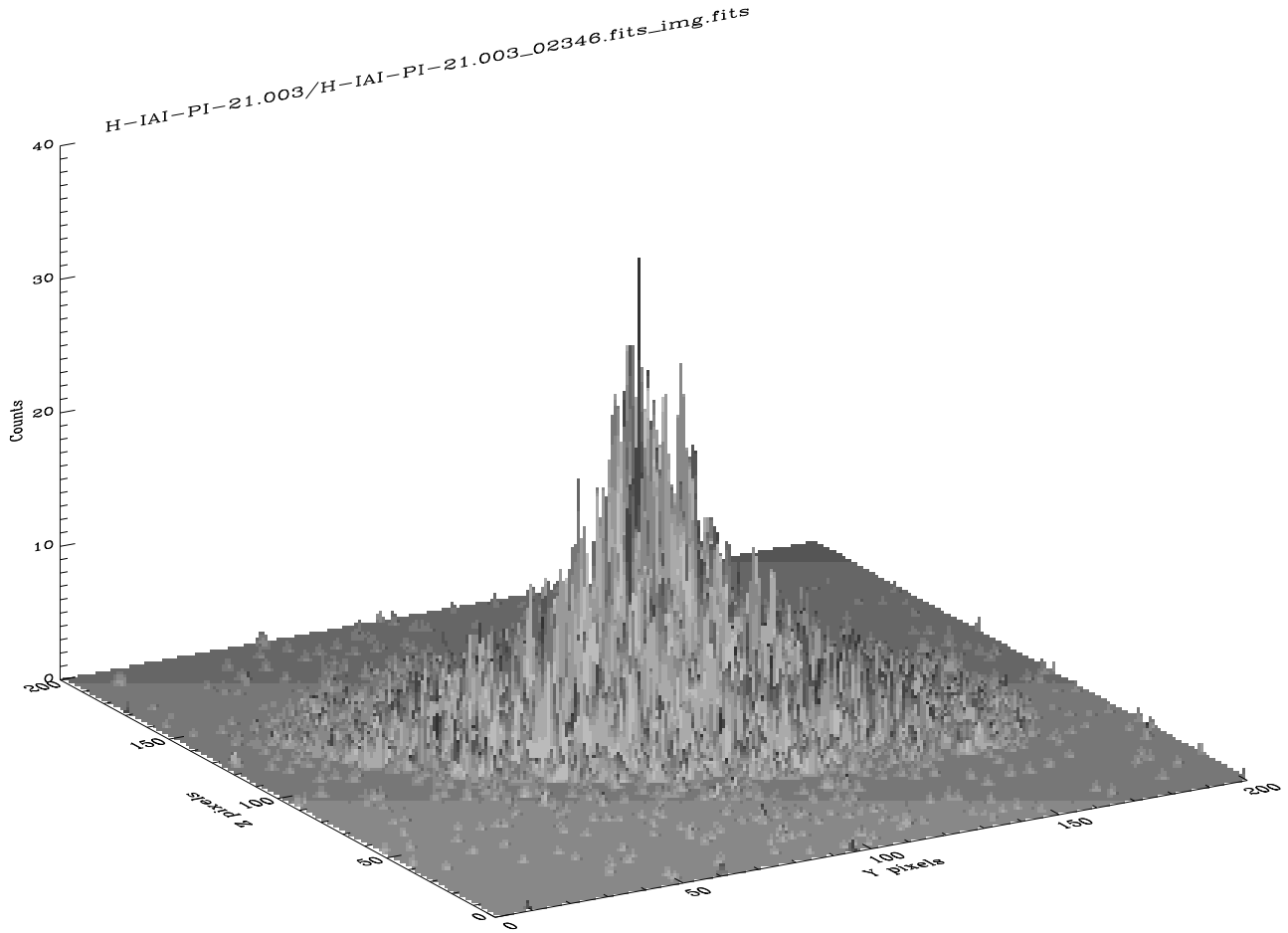
50% radius = 597.759

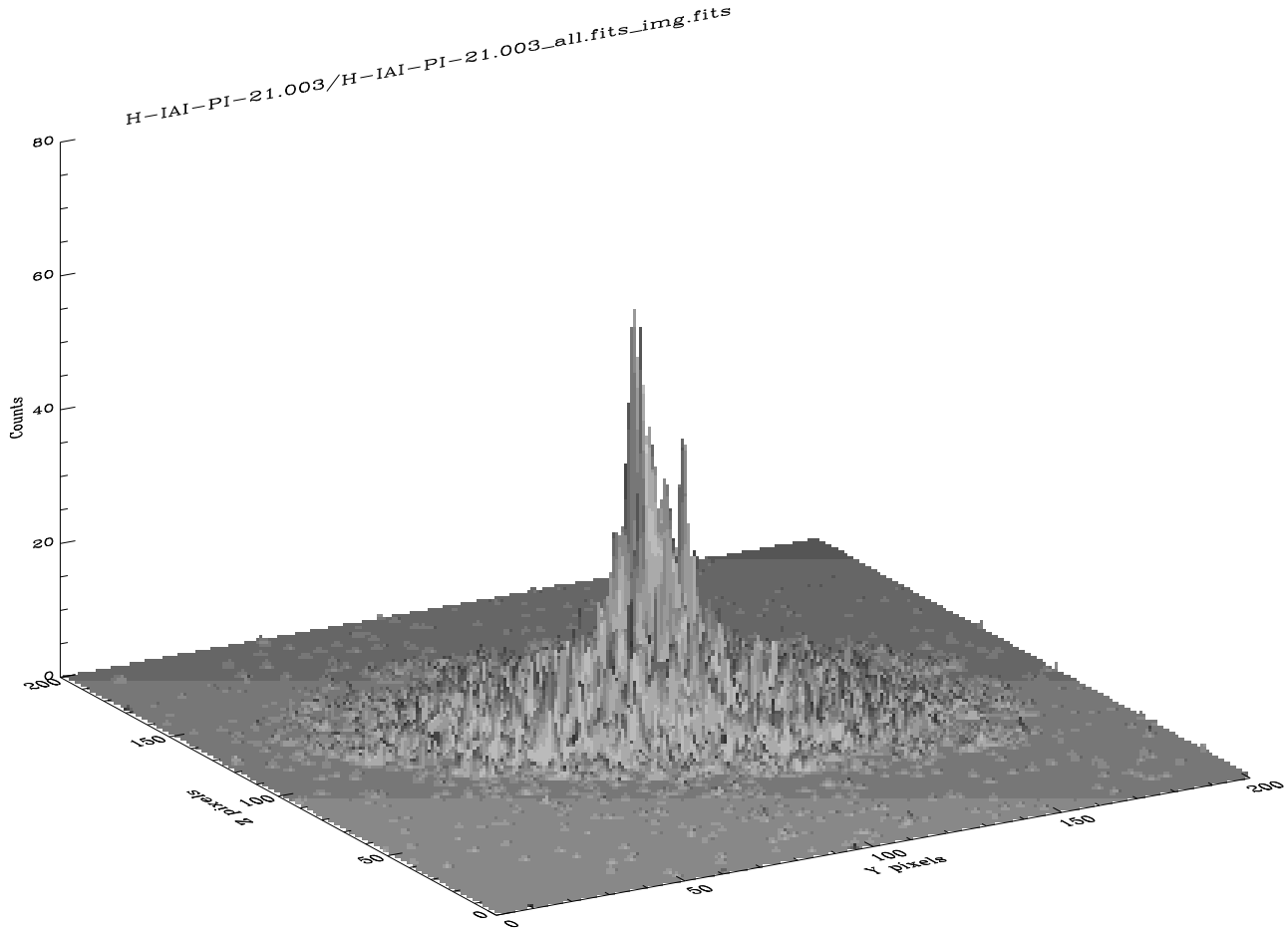
70% radius = 878.734

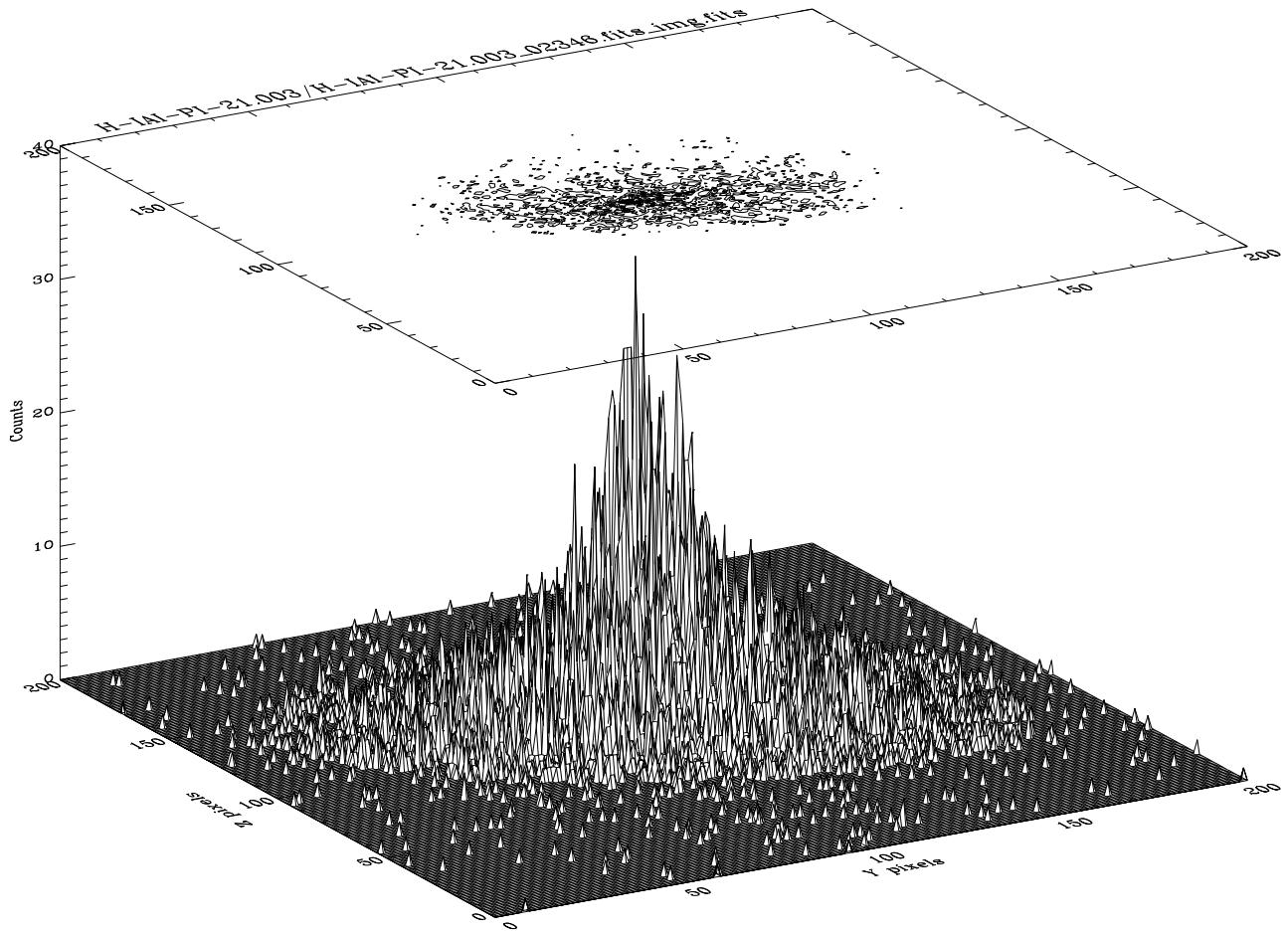
90% radius = 1286.57

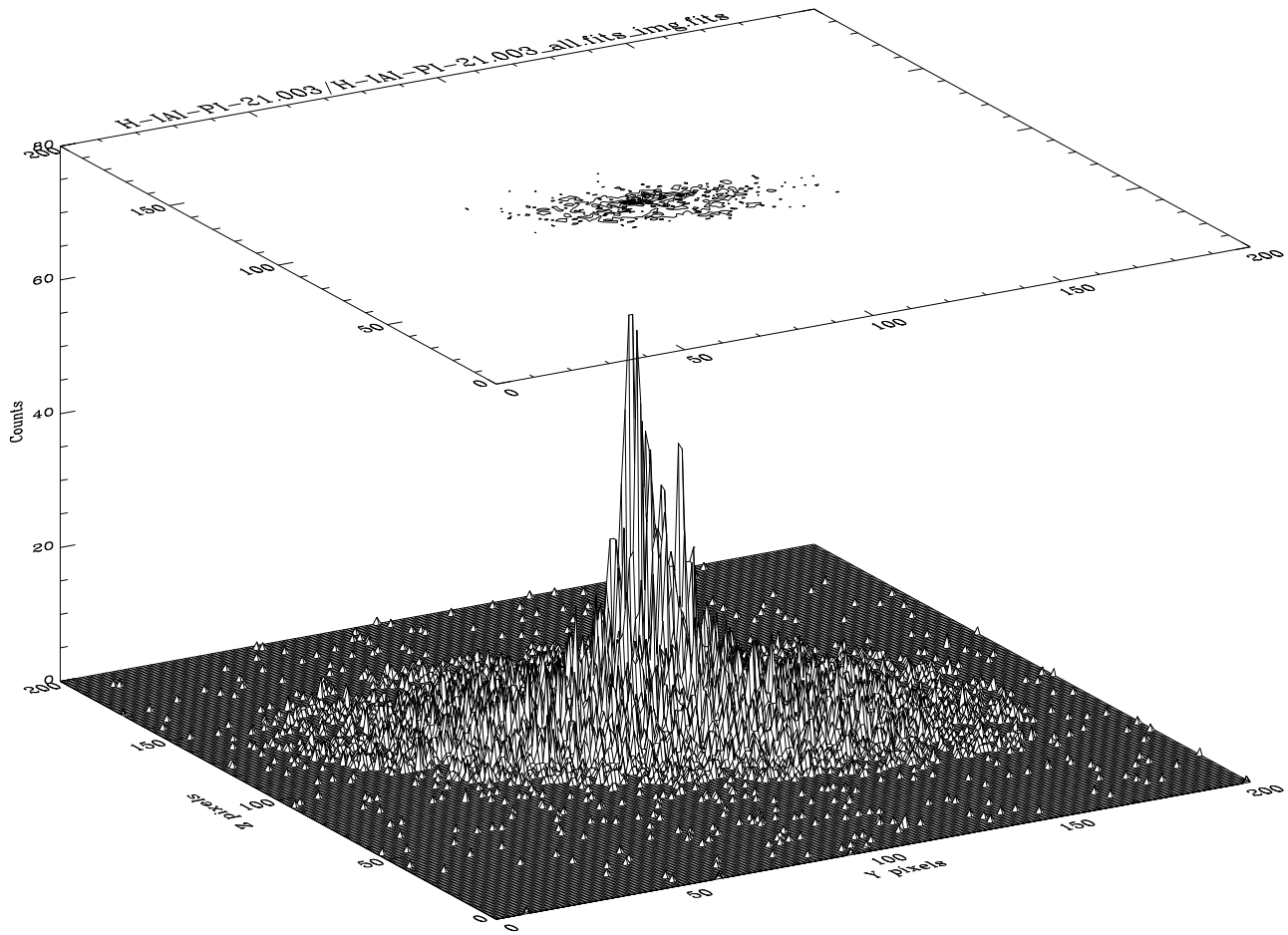

H−IAI−PI−21.003/H−IAI−PI−21.003_02346.fits_img.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)

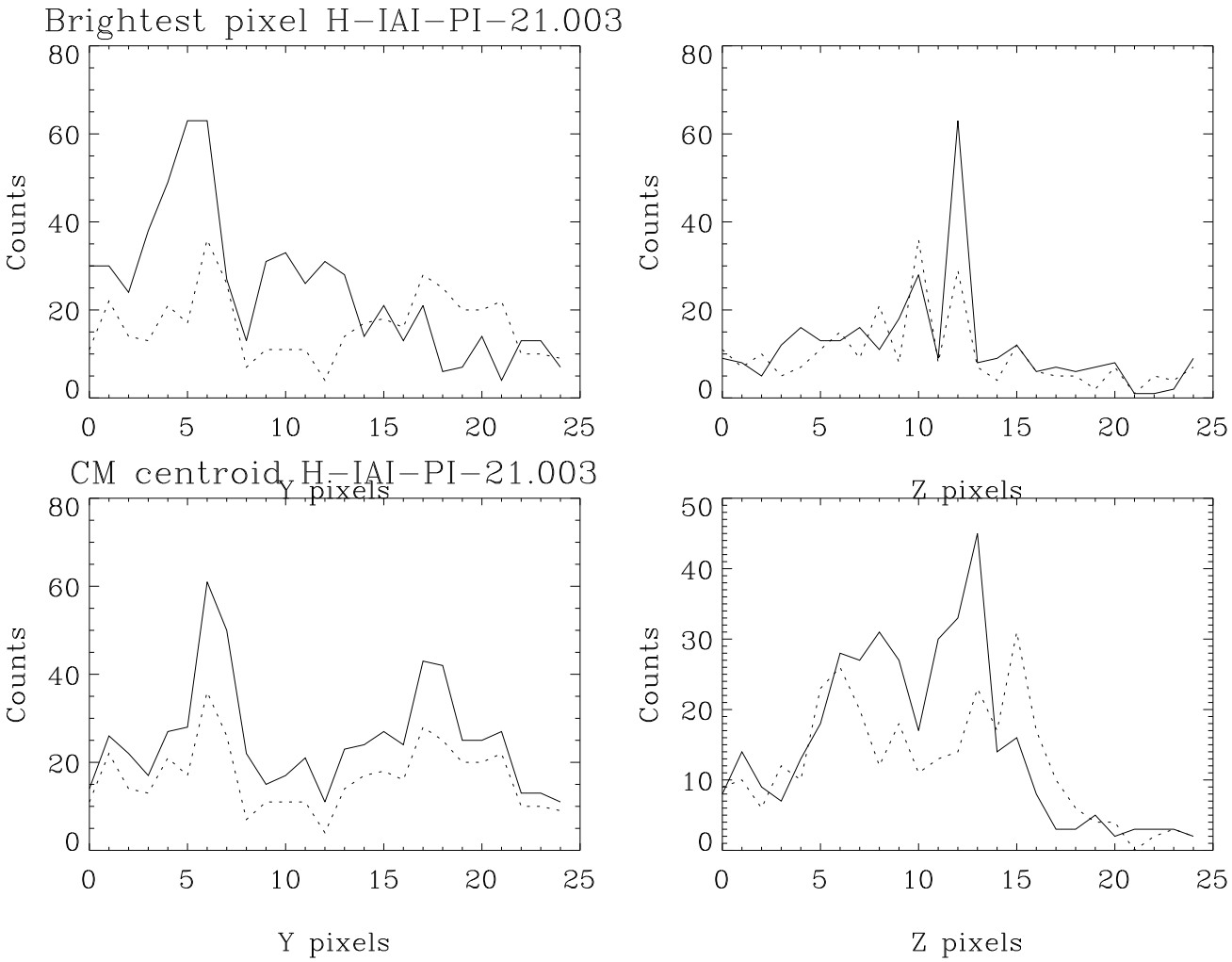

H-IAI-PI-21.003/H-IAI-PI-21.003_all_evts.fits
counts per ADU channel
1000
100
10
1
0
1000
2000
3000
ADU


H-IAI-PI-21.003/H-IAI-PI-21.003_02346.fits_img.fits
Counts
40
30
20
10
0
200
150
100
50
0
X pixels
0
50
100
150
200
Y Pixels


H-IAI-PI-21.003/H-IAI-PI-21.003_all.fits_img.fits
Counts
80
60
40
20
0
200
150
100
50
0
X pixels
0
50
100
150
200
Y pixels


H_1AI_PI_21.003/H_1AI_PI_21.003_023348.fits_img.fits
Counts
X pixels
Y pixels
0
50
100
150
200
10
20
30
40


H_1AI_PI_21.003/H_1AI_PI_21.003_all.fits_img.fits
Counts
X pixels
Y pixels
0
20
40
60
80
50
100
150
200



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

Brightest pixel (Y,Z)

All grades	5	12
Std. grades	6	10

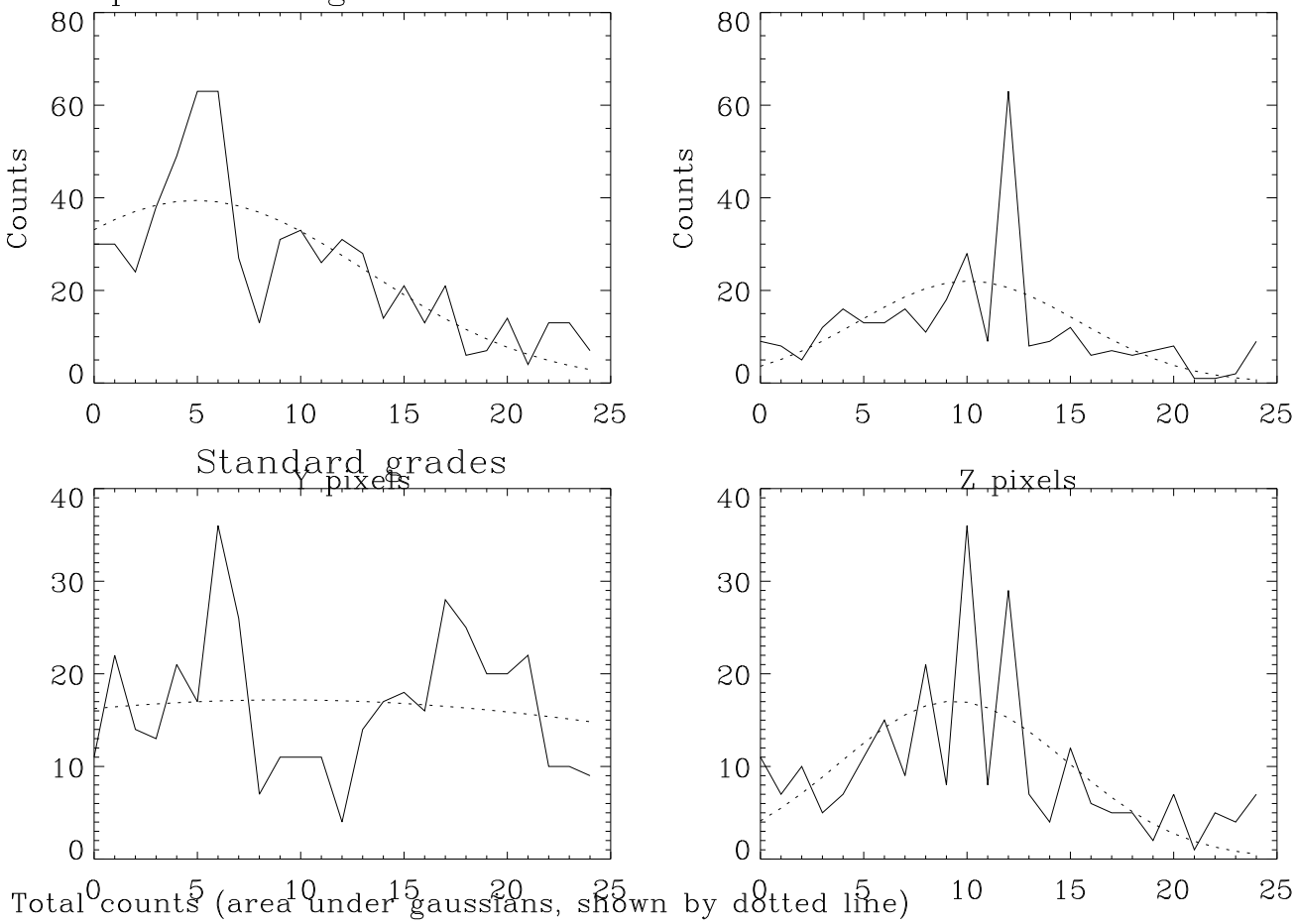
CM Centroid (Y,Z)

All grades	10.9933	10.2183
Std. grades	11.2440	10.2038

Brightest pixel maxima

All grades:	63
Std. grades:	36

Brightest pixel – All grades H–IAI–PI–21.003



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

	Integrated	Analytical
All Y	587.16032	825.08654
Std Y	397.56568	1177.1814
All Z	283.12324	292.81546
Std Z	225.79043	237.77023

	amplitude	offset	sigma	FWHM
All Y:	39.438610	4.9343482	8.3461843	19.646919
Std Y:	17.185625	9.1666854	27.326758	64.327192
All Z:	22.027116	10.070537	5.3033029	12.483976
Std Z:	17.046852	9.3697361	5.5644642	13.098749