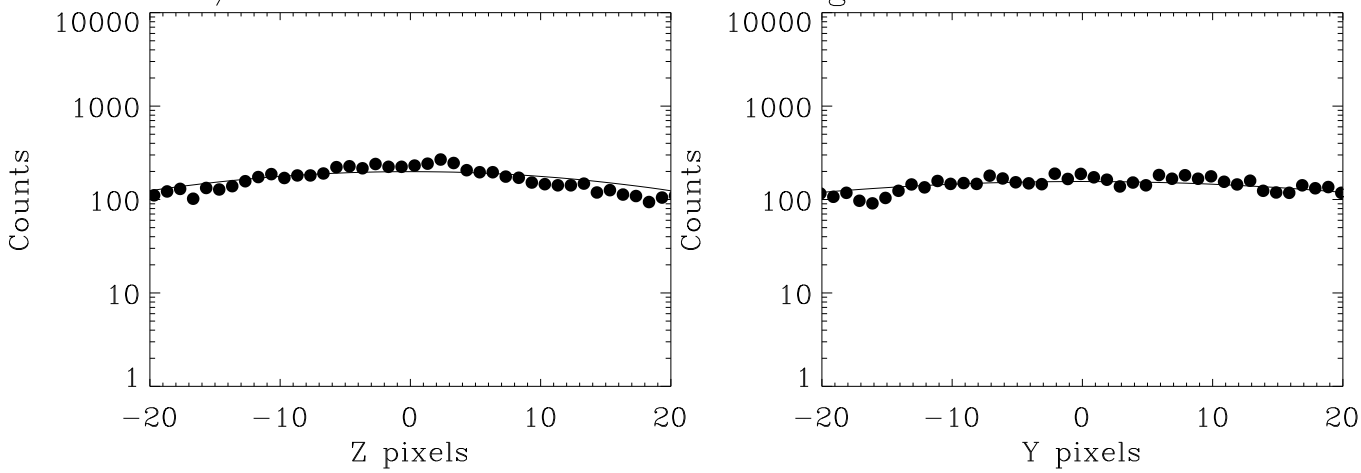
-IAI-PI-21.005/H-IAI-PI-21.005_02346.fits_img.fits



All measurements in pixels

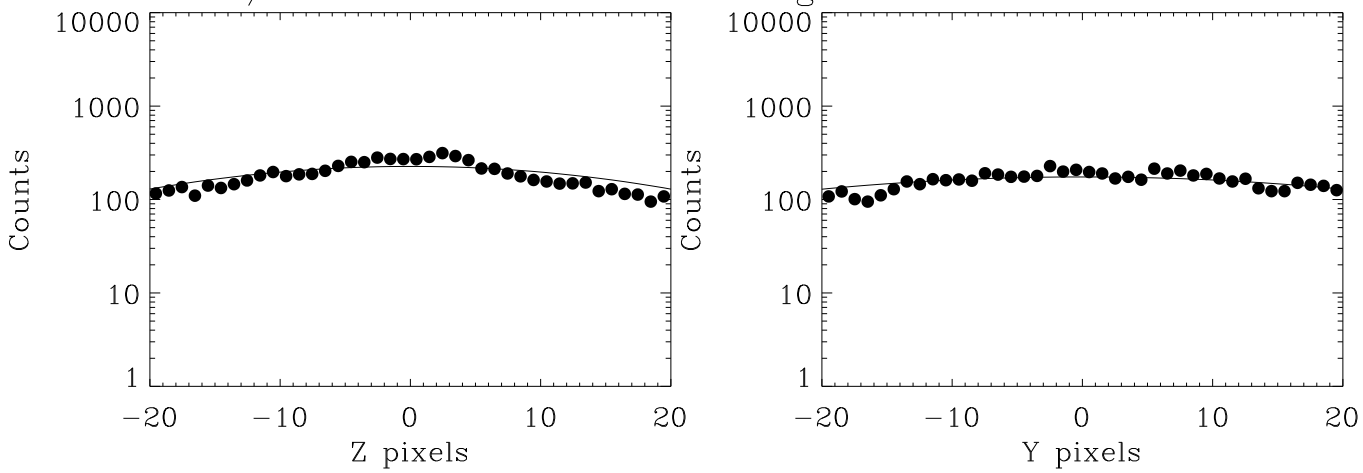
Z gaussian FWHM = 48.559622

Y gaussian FWHM = 64.505056

Z fit parameters: Amplitude= 198 Offset= 98 Sigma= 20

Y fit parameters: Amplitude= 155 Offset= 98 Sigma= 27

H-IAI-PI-21.005/H-IAI-PI-21.005_all.fits_img.fits



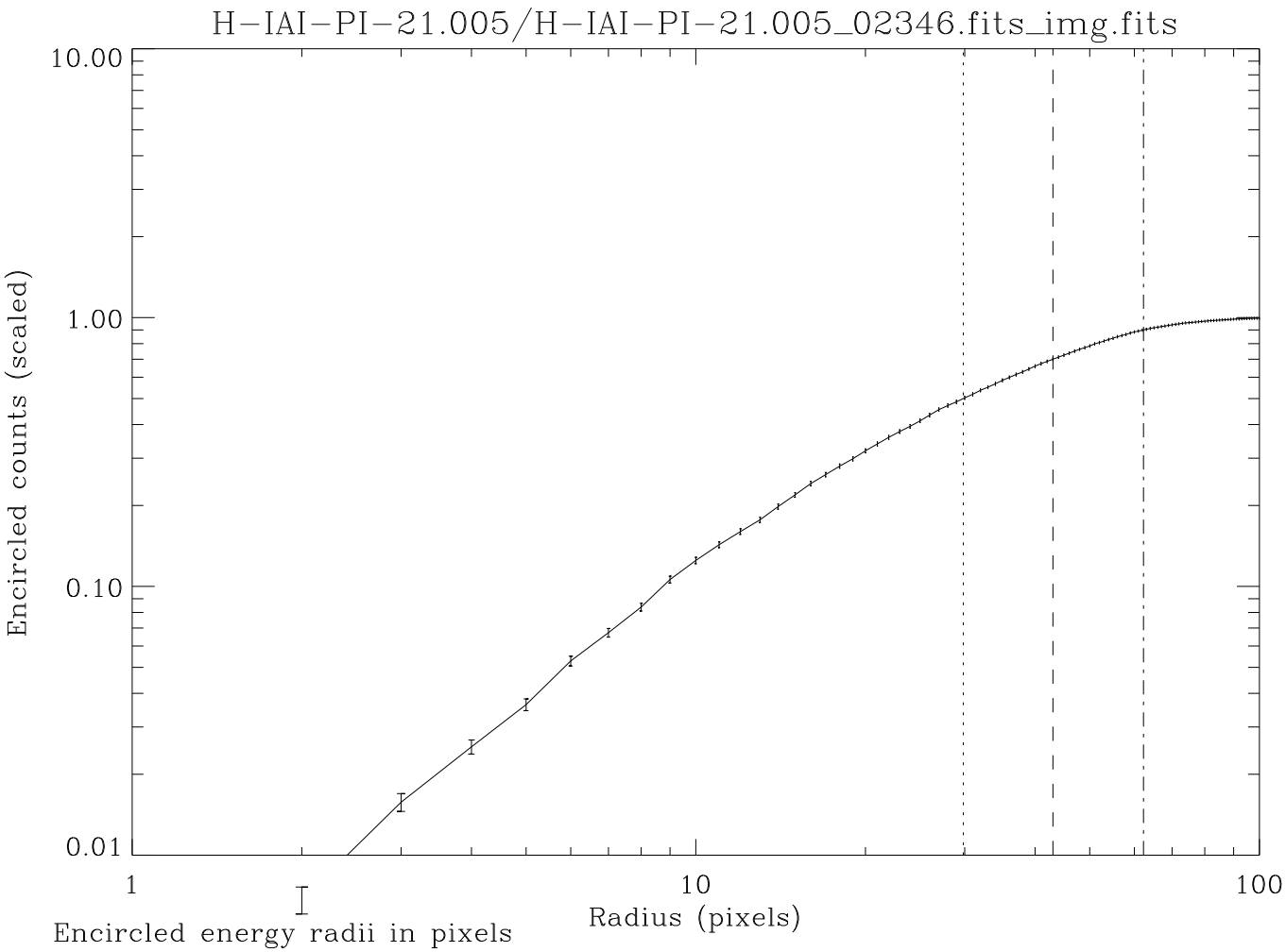
All measurements in pixels

Z gaussian FWHM = 44.553984

Y gaussian FWHM = 60.631955

Z fit parameters: Amplitude= 226 Offset= 98 Sigma= 18

Y fit parameters: Amplitude= 174 Offset= 98 Sigma= 25



Encircled energy radii in pixels

50% radius = 29.8316

70% radius = 43.0245

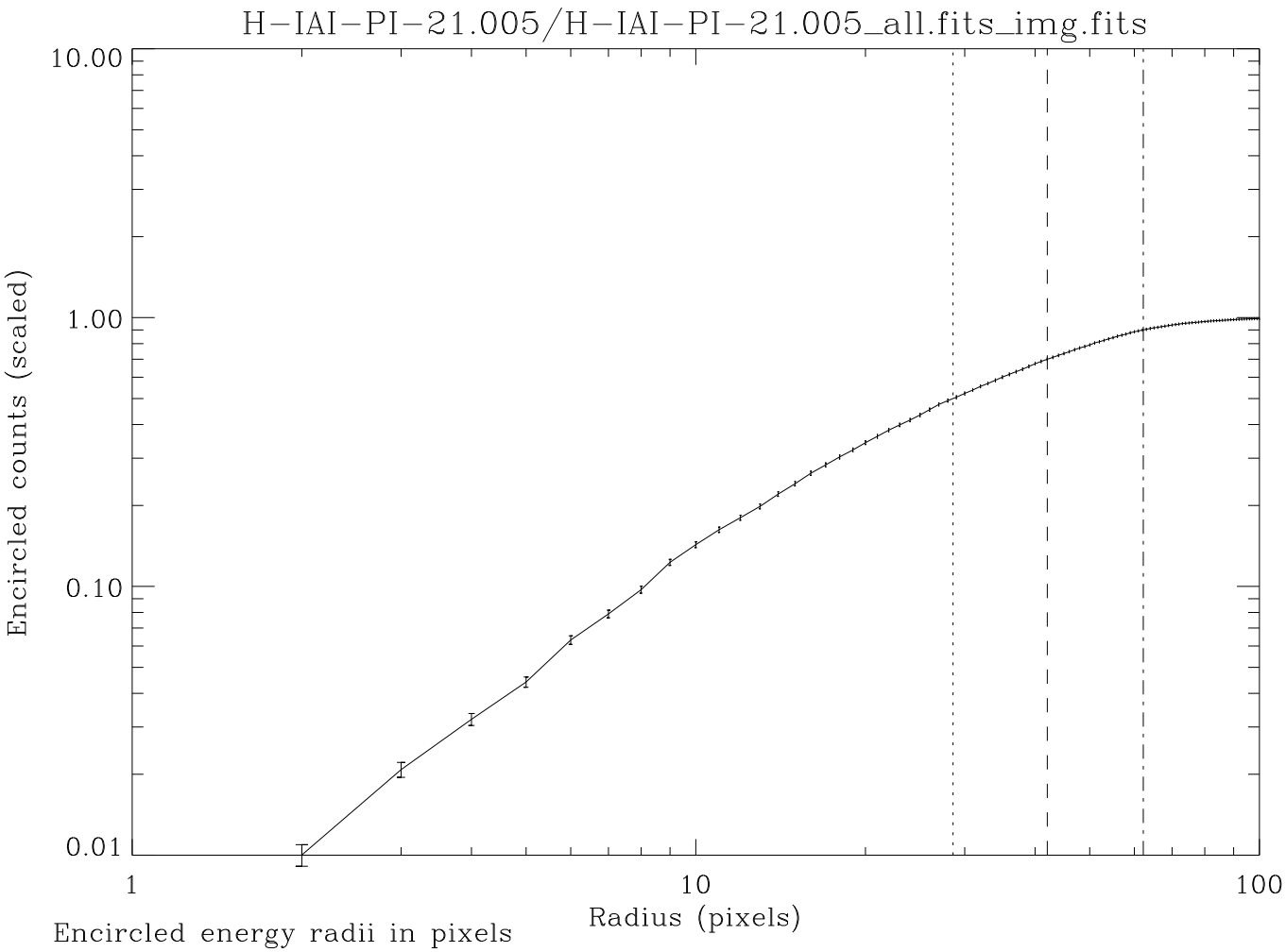
90% radius = 62.2905

Encircled energy radii in microns

50% radius = 715.957

70% radius = 1032.59

90% radius = 1494.97



Encircled energy radii in pixels

50% radius = 28.6017

70% radius = 42.0367

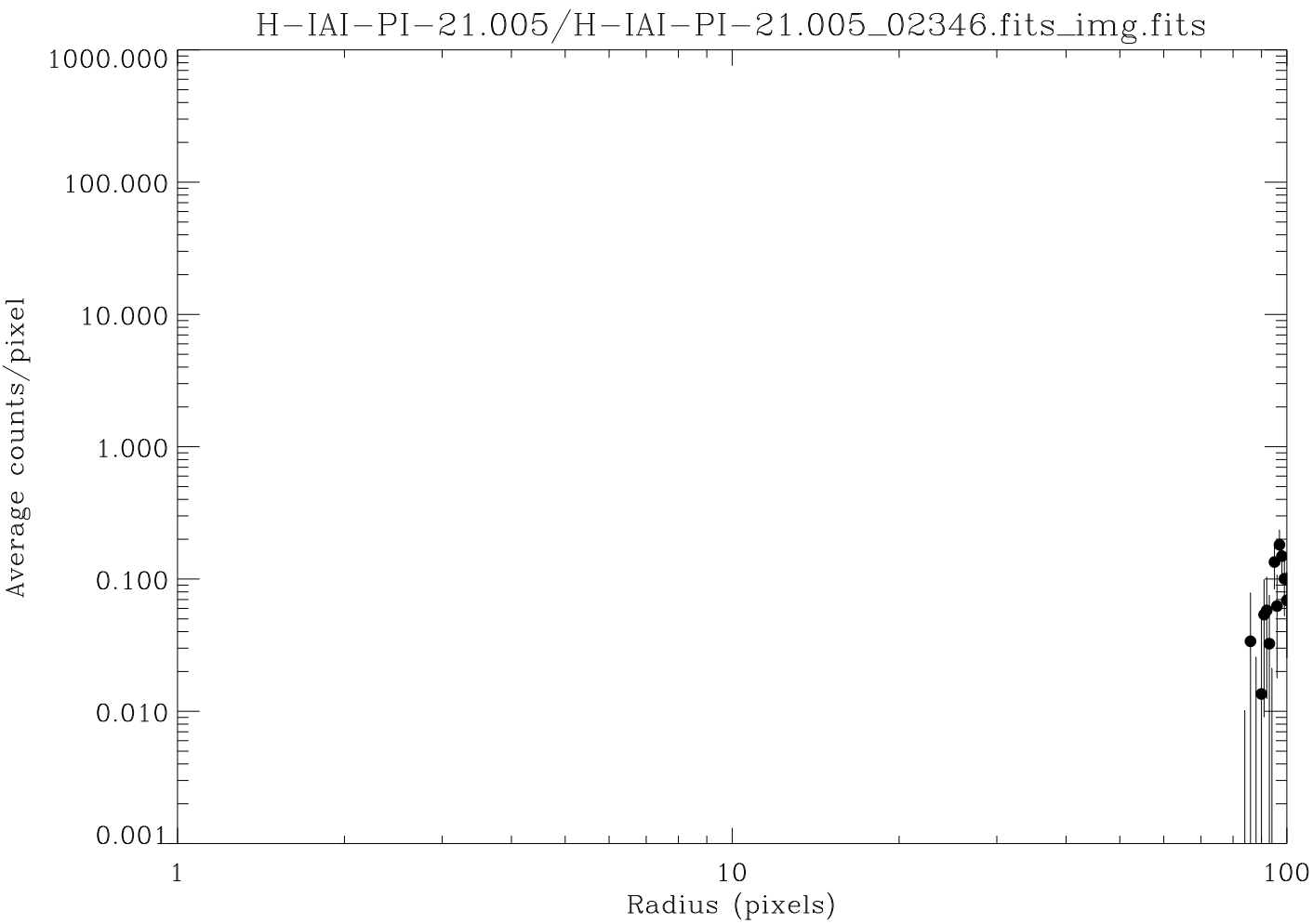
90% radius = 62.2227

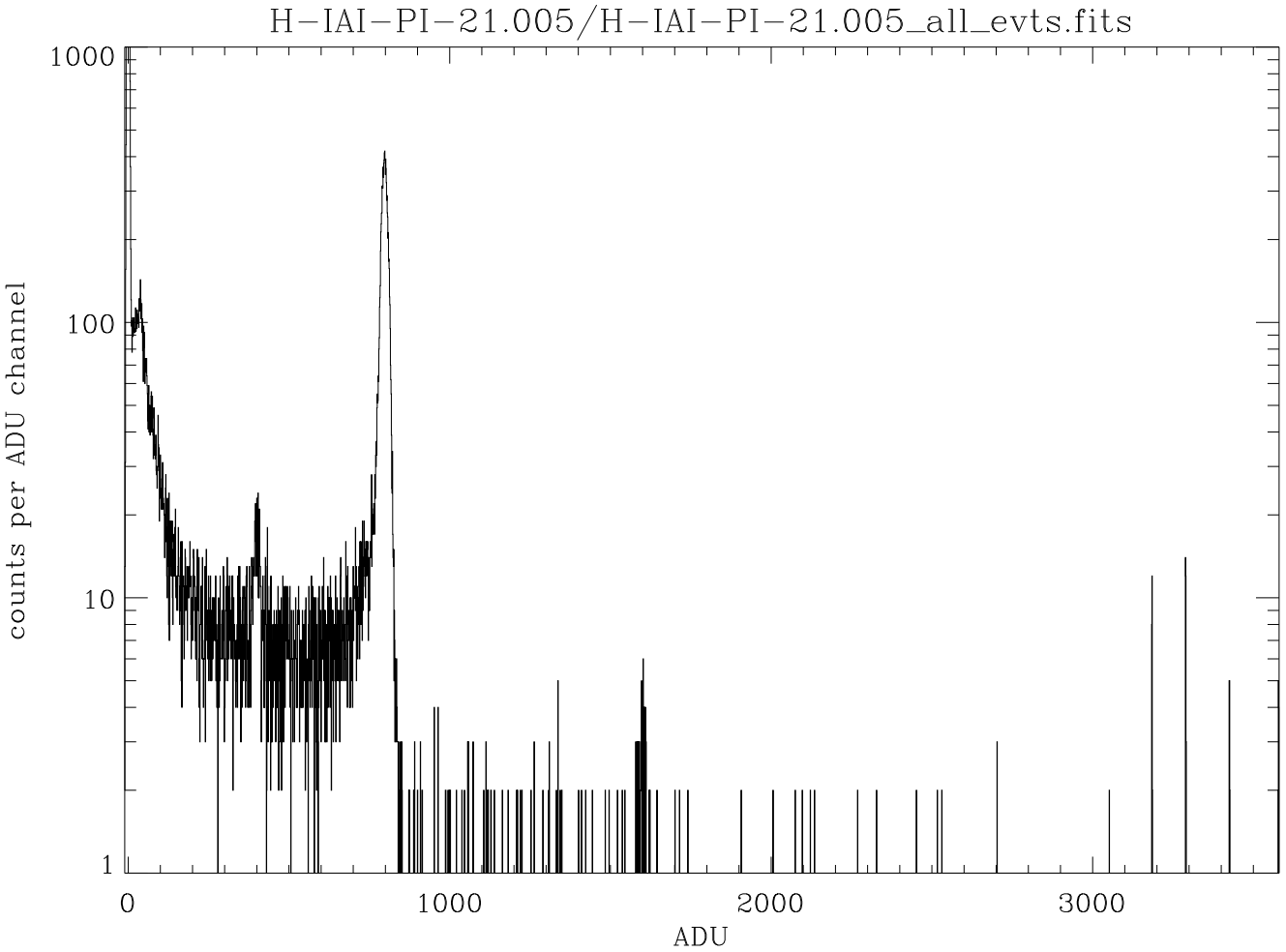
Encircled energy radii in microns

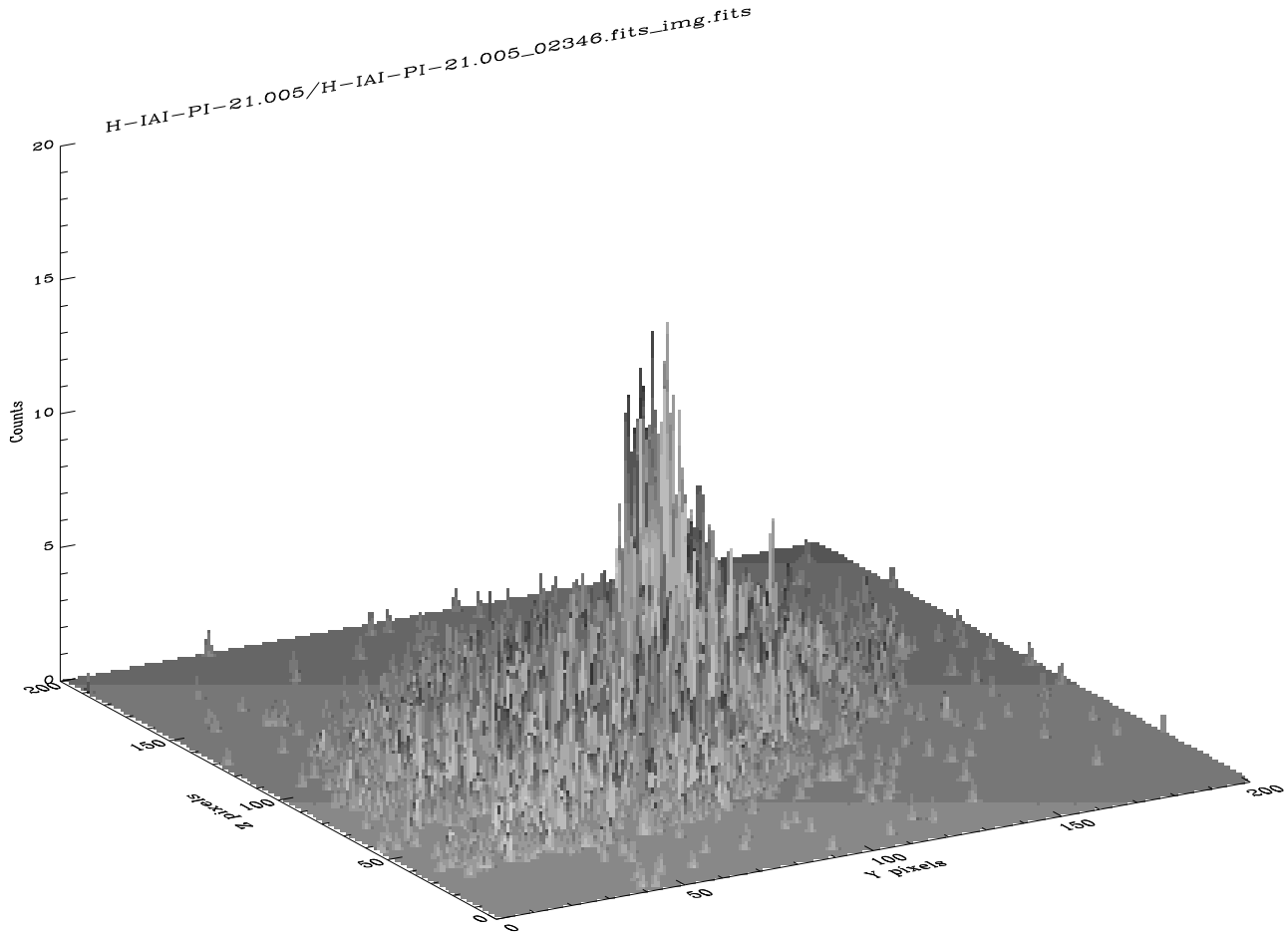
50% radius = 686.442

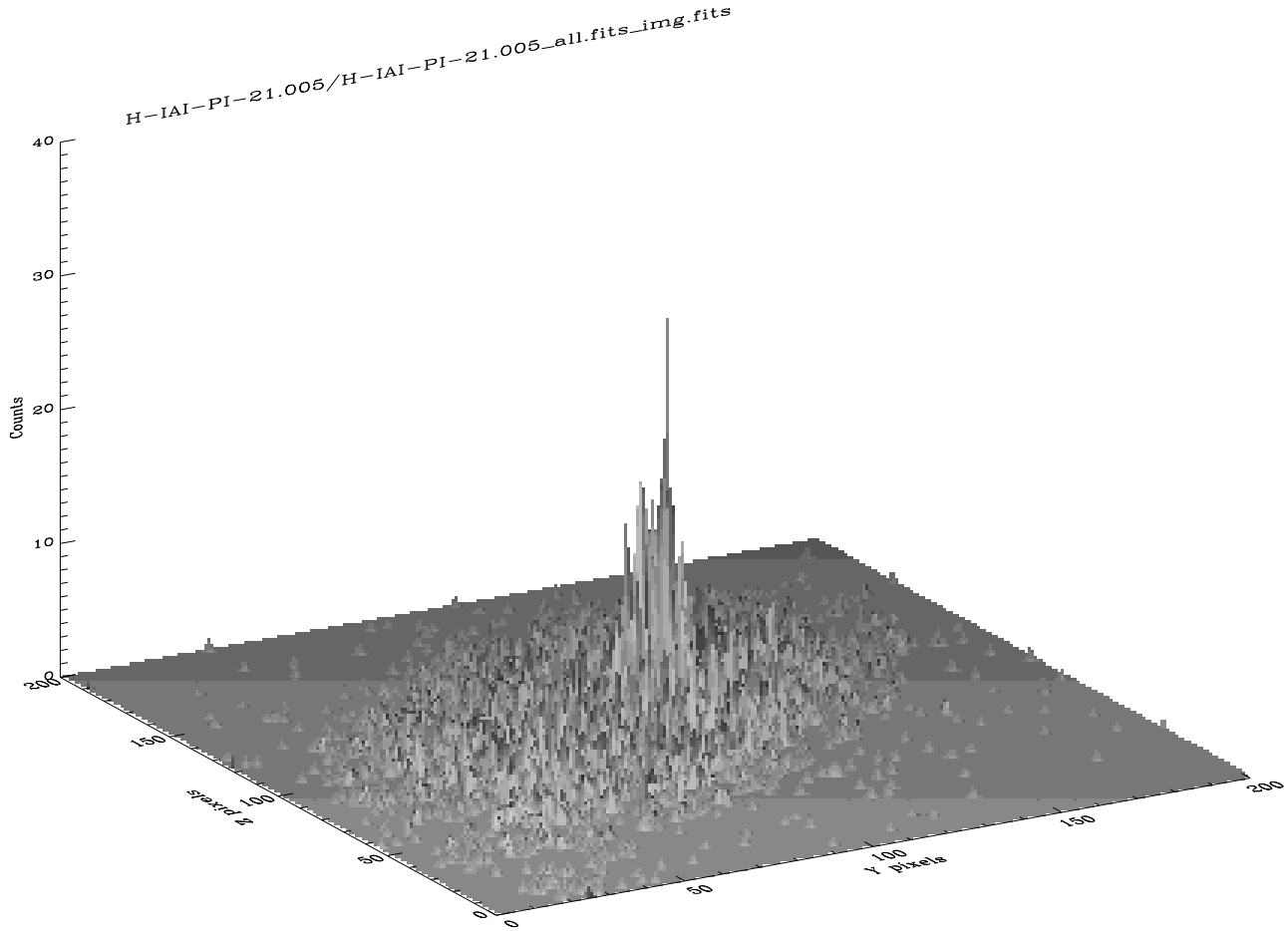
70% radius = 1008.88

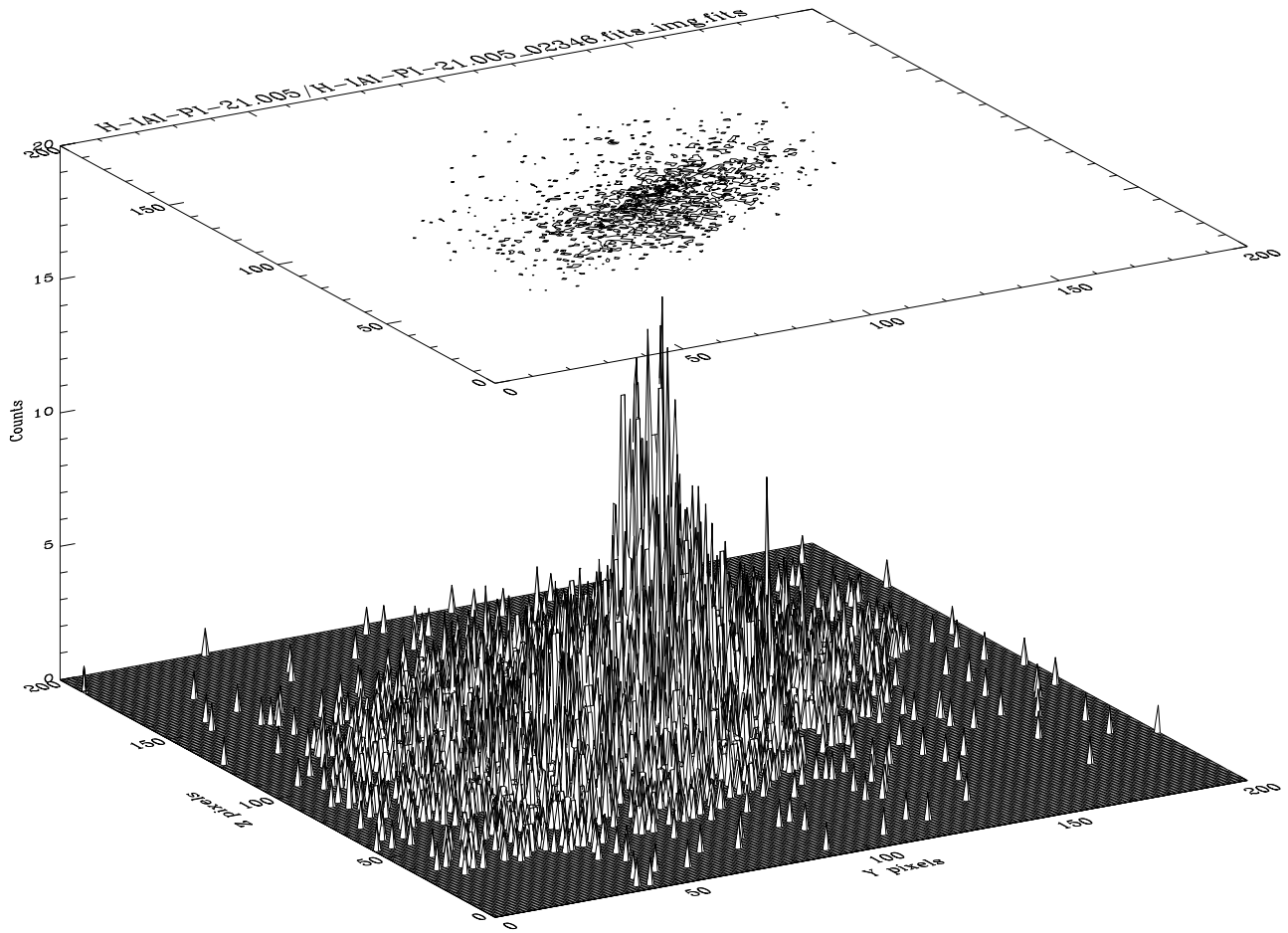
90% radius = 1493.34

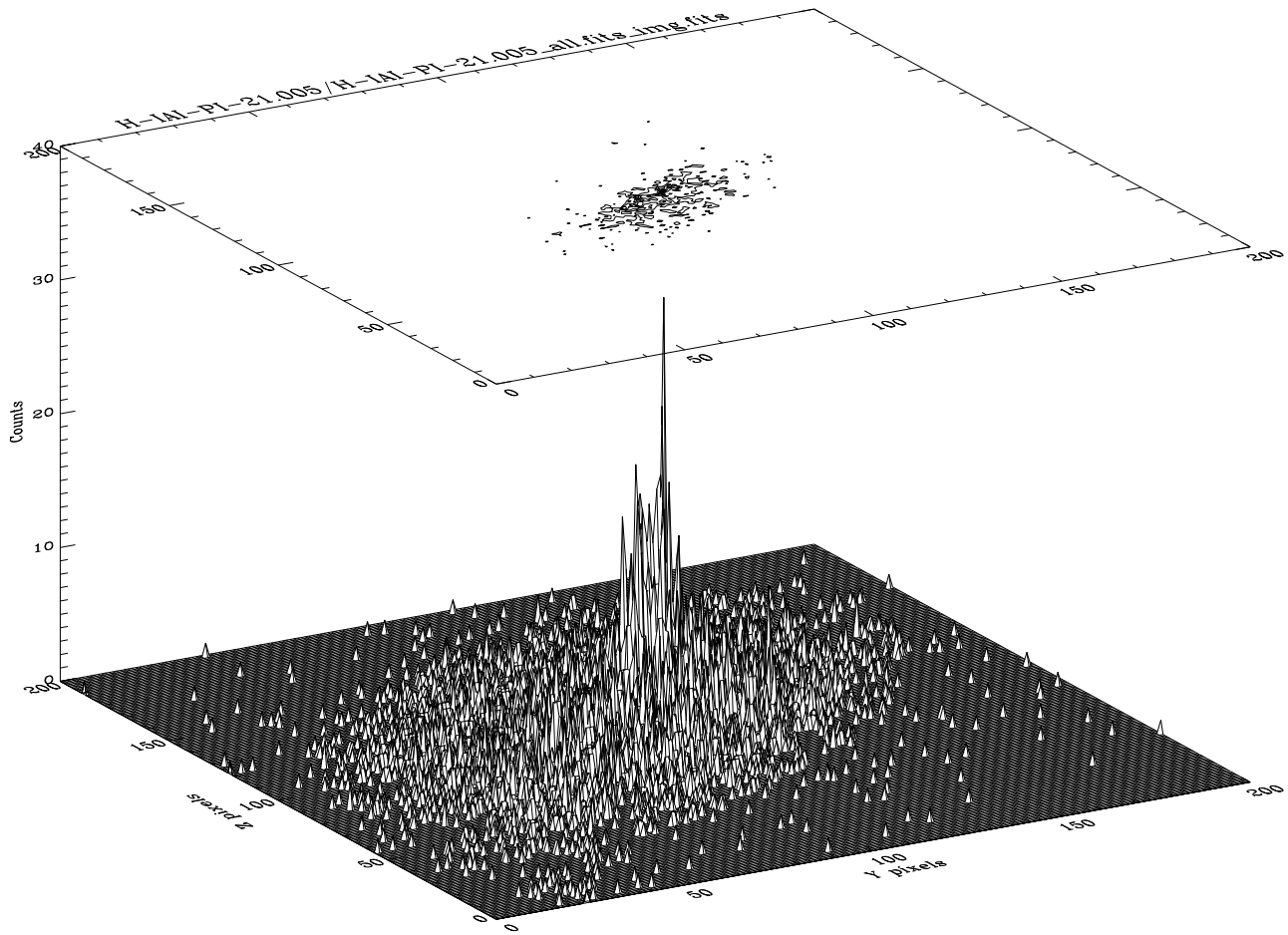

H−IAI−PI−21.005/H−IAI−PI−21.005_02346.fits_img.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)

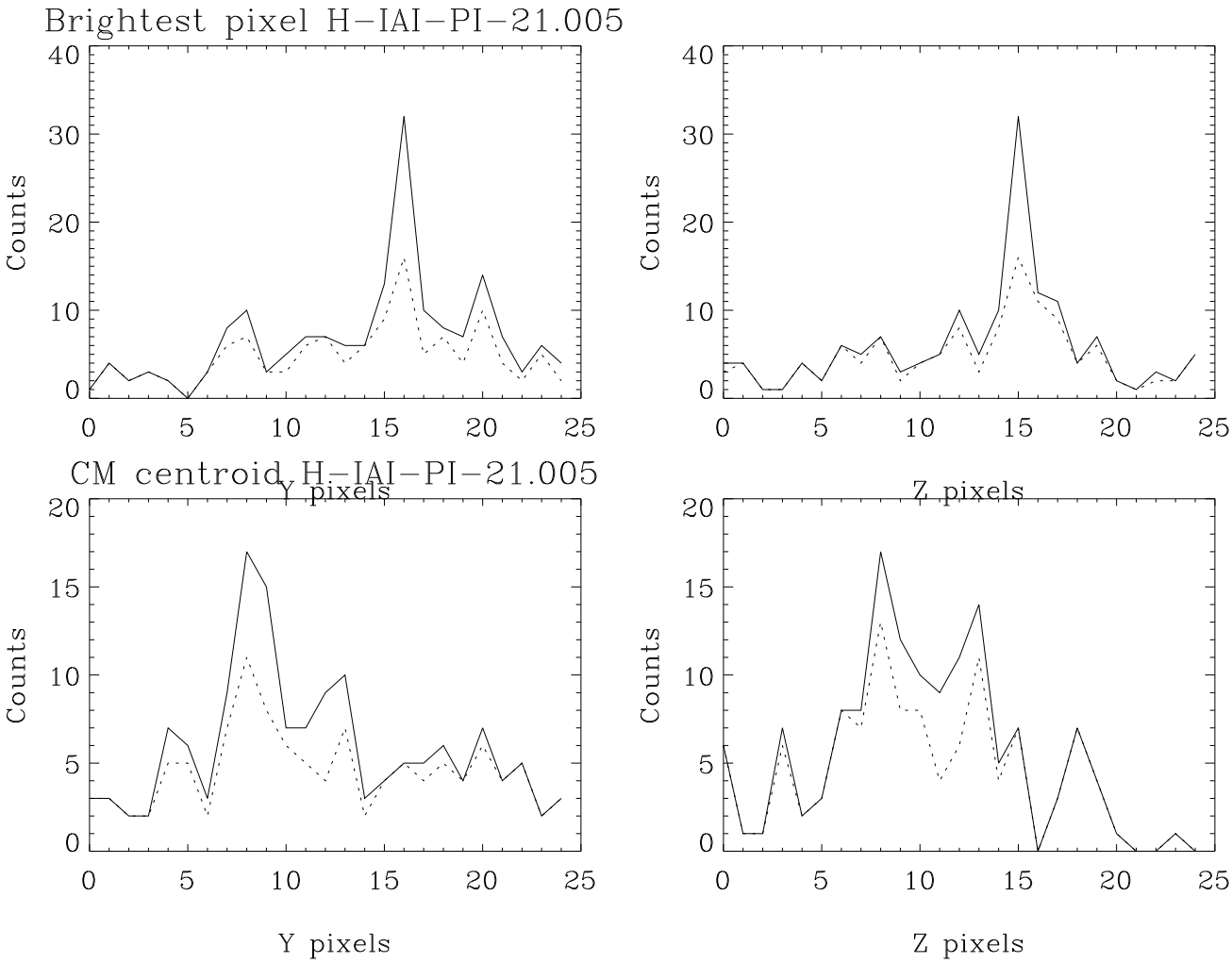

H-IAI-PI-21.005/H-IAI-PI-21.005_all_evts.fits
counts per ADU channel
1000
100
10
1
0
1000
2000
3000
ADU


H-IAI-PI-21.005/H-IAI-PI-21.005_02346.fits_img.fits
Counts
20
15
10
5
0
200
150
100
50
0
X pixels
0
50
100
150
200
Y Pixels


H-IAI-PI-21.005/H-IAI-PI-21.005_all.fits_img.fits
Counts
40
30
20
10
0
200
150
100
50
0
X pixels
0
50
100
150
200
Y pixels


H-1AI-P1-21.005/H-1AI-P1-21.005_023348.fits_img.fits
Counts
X pixels
Y pixels
0
50
100
150
200
5
10
15
20


H_1AI_PI_21.005/H_1AI_PI_21.005_all.fits_img.fits
Counts
X pixels
Y pixels
0
50
100
150
200
10
20
30
40



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

Brightest pixel (Y,Z)

All grades	16	15
Std. grades	16	15

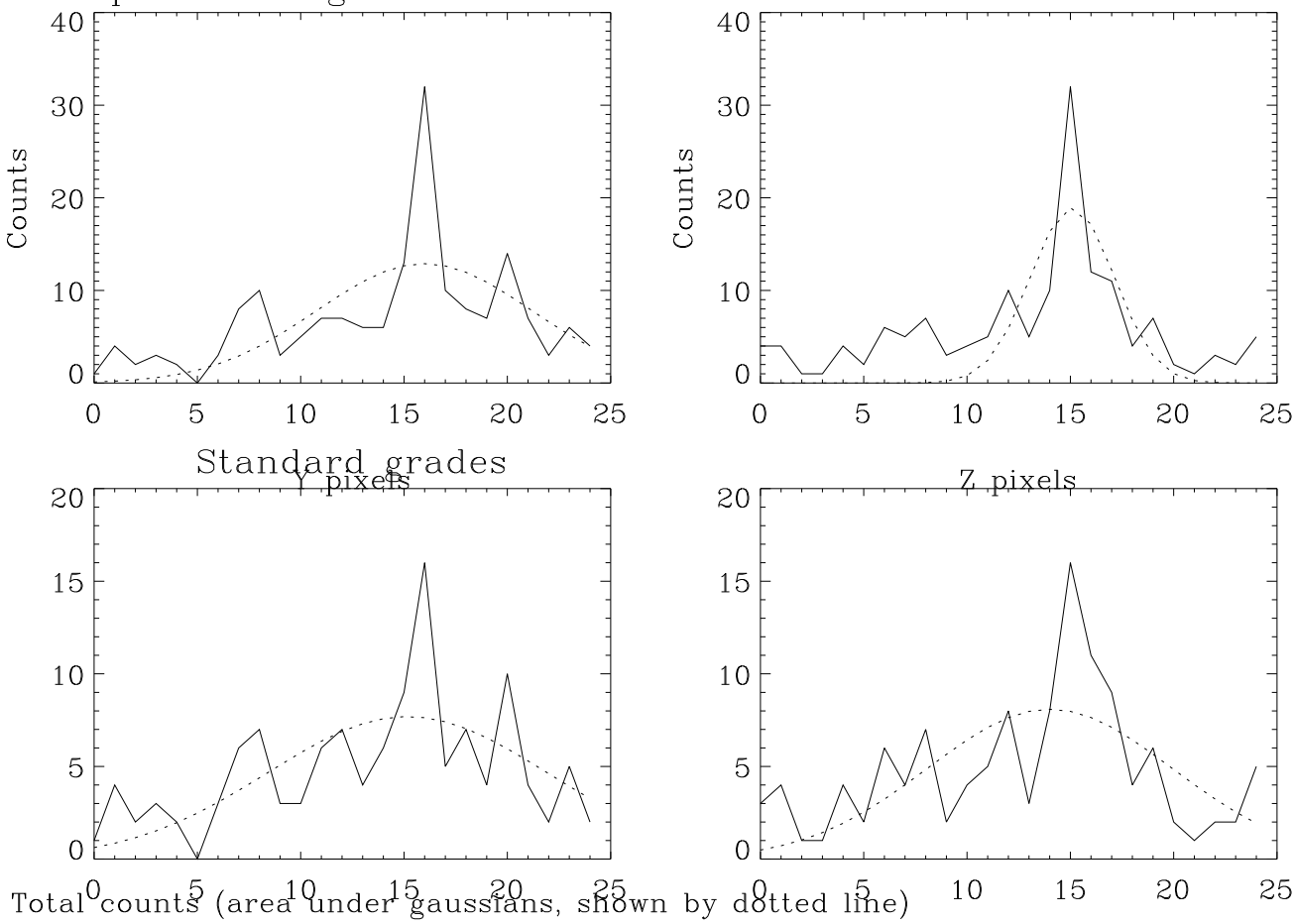
CM Centroid (Y,Z)

All grades	12.2130	11.2372
Std. grades	12.3842	11.1738

Brightest pixel maxima

All grades:	32
Std. grades:	16

Brightest pixel – All grades H–IAI–PI–21.005



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

	Integrated	Analytical
All Y	157.71546	168.31702
Std Y	116.23603	130.30230
All Z	96.277760	96.274145
Std Z	113.34495	119.86218

	amplitude	offset	sigma	FWHM
All Y:	12.887041	15.981053	5.2105658	12.265672
Std Y:	7.6919174	15.164019	6.7581453	15.908675
All Z:	18.959872	15.098505	2.0257429	4.7685990
Std Z:	8.0887608	14.005896	5.9116709	13.916074