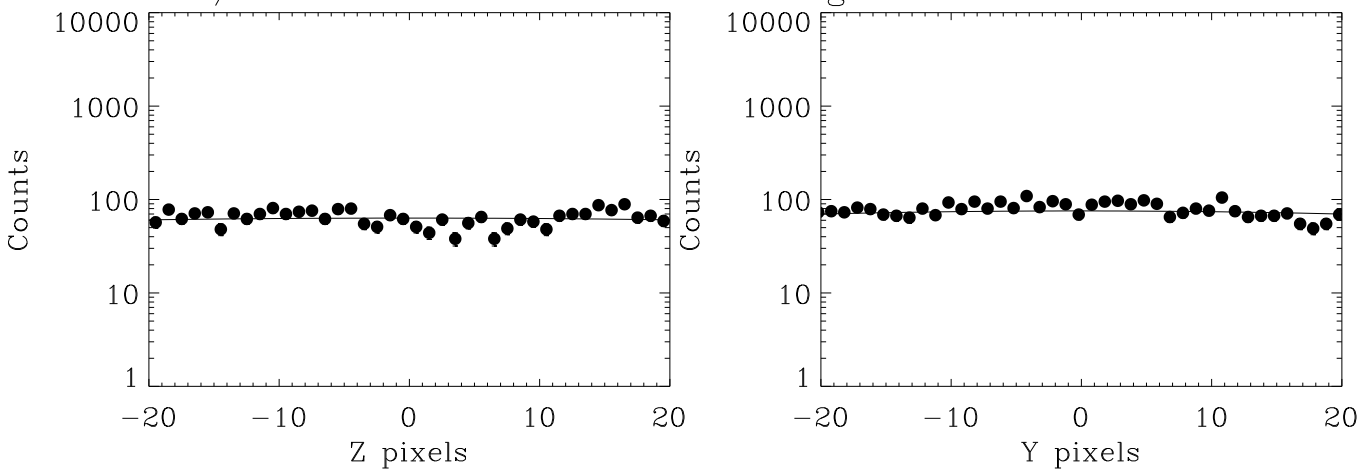
-IAI-PI-21.001/H-IAI-PI-21.001_02346.fits_img.fits



All measurements in pixels

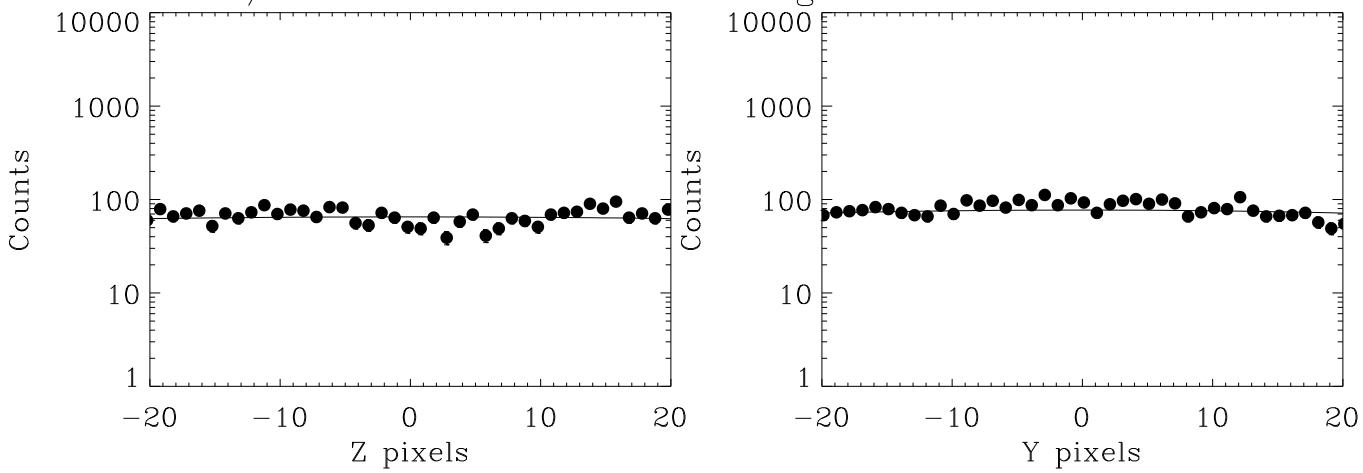
Z gaussian FWHM = 159.41939

Y gaussian FWHM = 119.78316

Z fit parameters: Amplitude= 63 Offset= 93 Sigma= 67

Y fit parameters: Amplitude= 75 Offset= 93 Sigma= 50

H-IAI-PI-21.001/H-IAI-PI-21.001_all.fits_img.fits



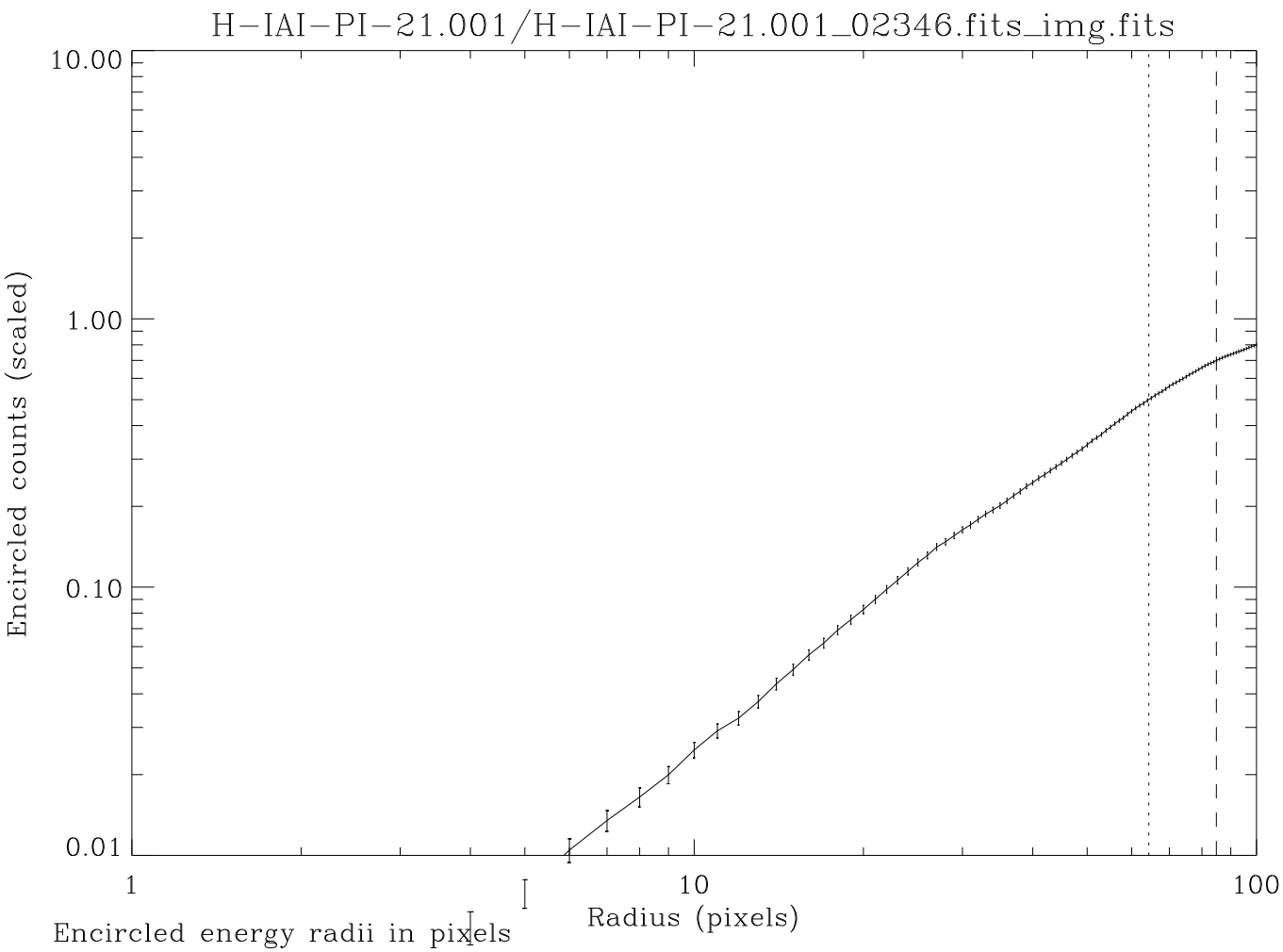
All measurements in pixels

Z gaussian FWHM = 160.57280

Y gaussian FWHM = 122.03059

Z fit parameters: Amplitude= 65 Offset= 94 Sigma= 68

Y fit parameters: Amplitude= 77 Offset= 91 Sigma= 51



Encircled energy radii in pixels

50% radius = 64.3564

70% radius = 84.8640

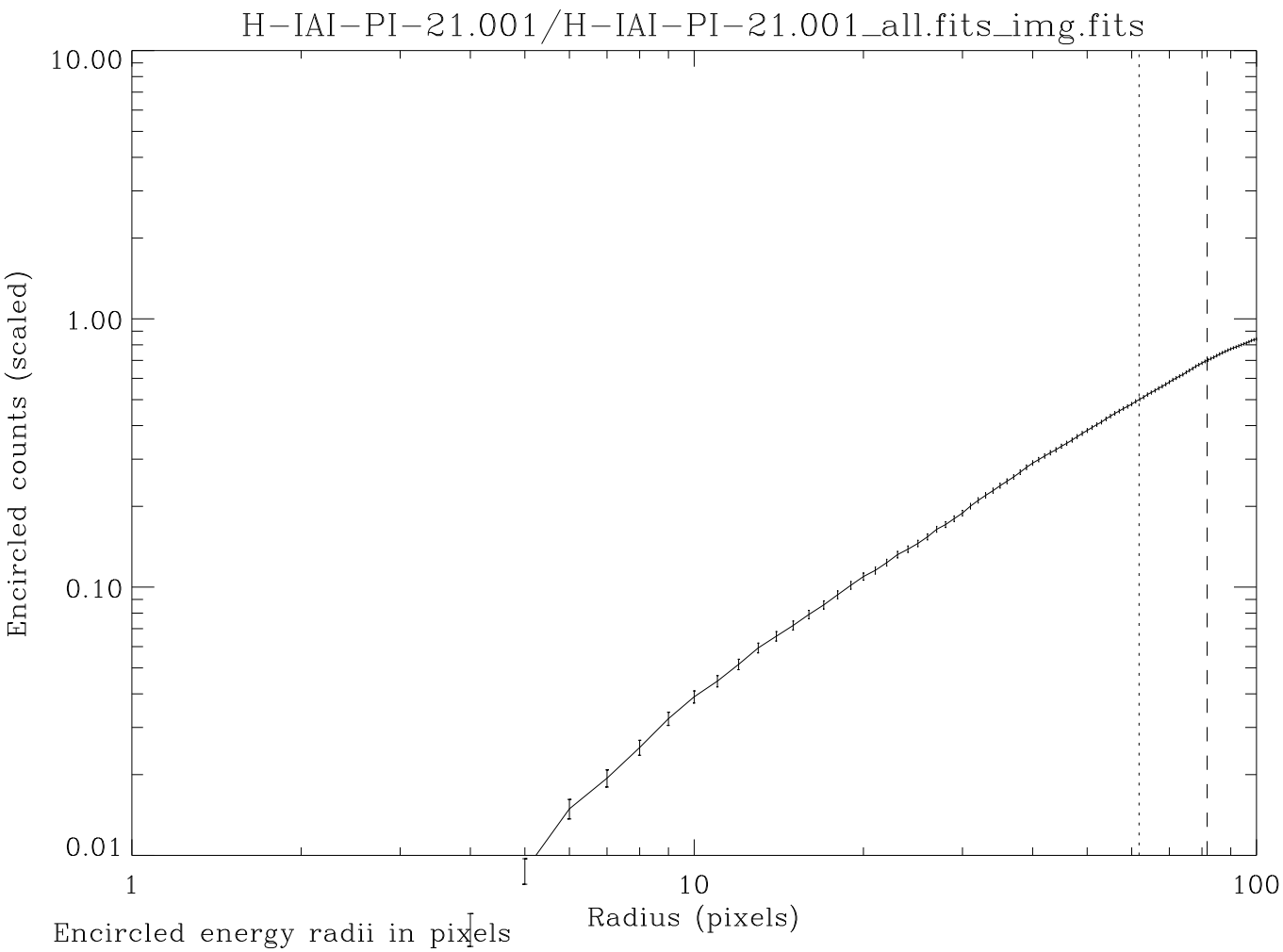
90% radius = 120.623

Encircled energy radii in microns

50% radius = 1544.55

70% radius = 2036.74

90% radius = 2894.95



Encircled energy radii in pixels

50% radius = 61.8391

70% radius = 81.7114

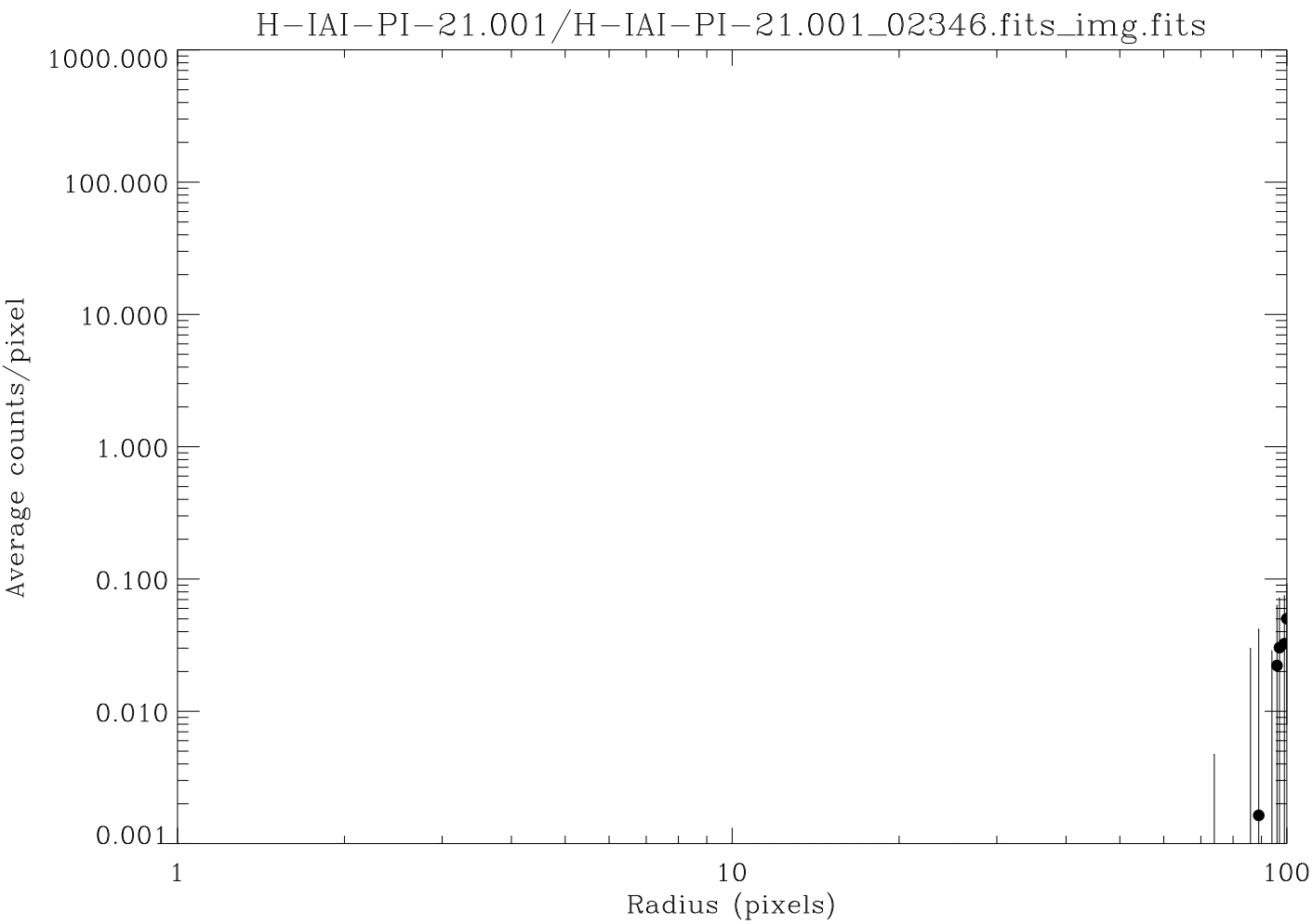
90% radius = 110.673

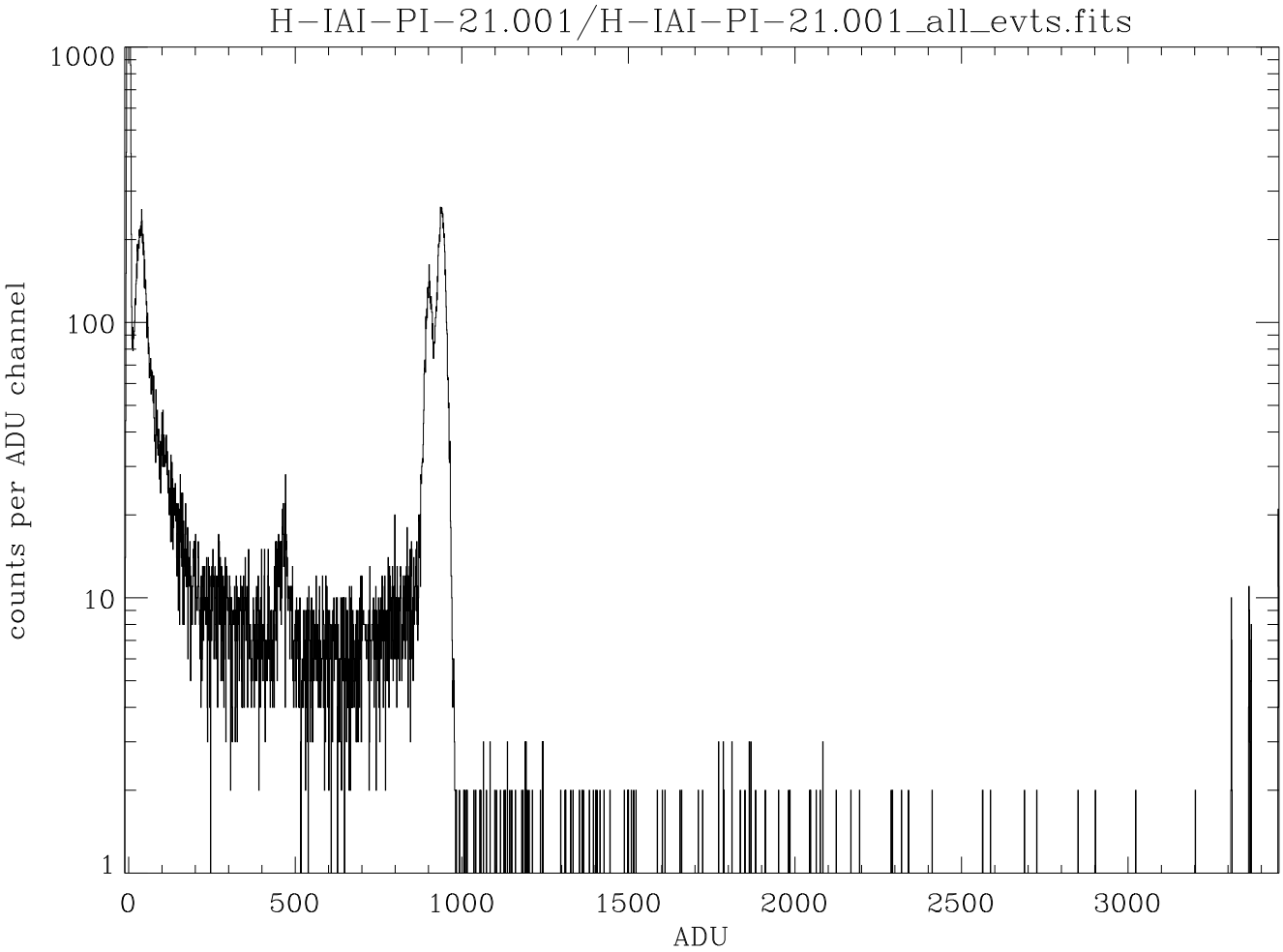
Encircled energy radii in microns

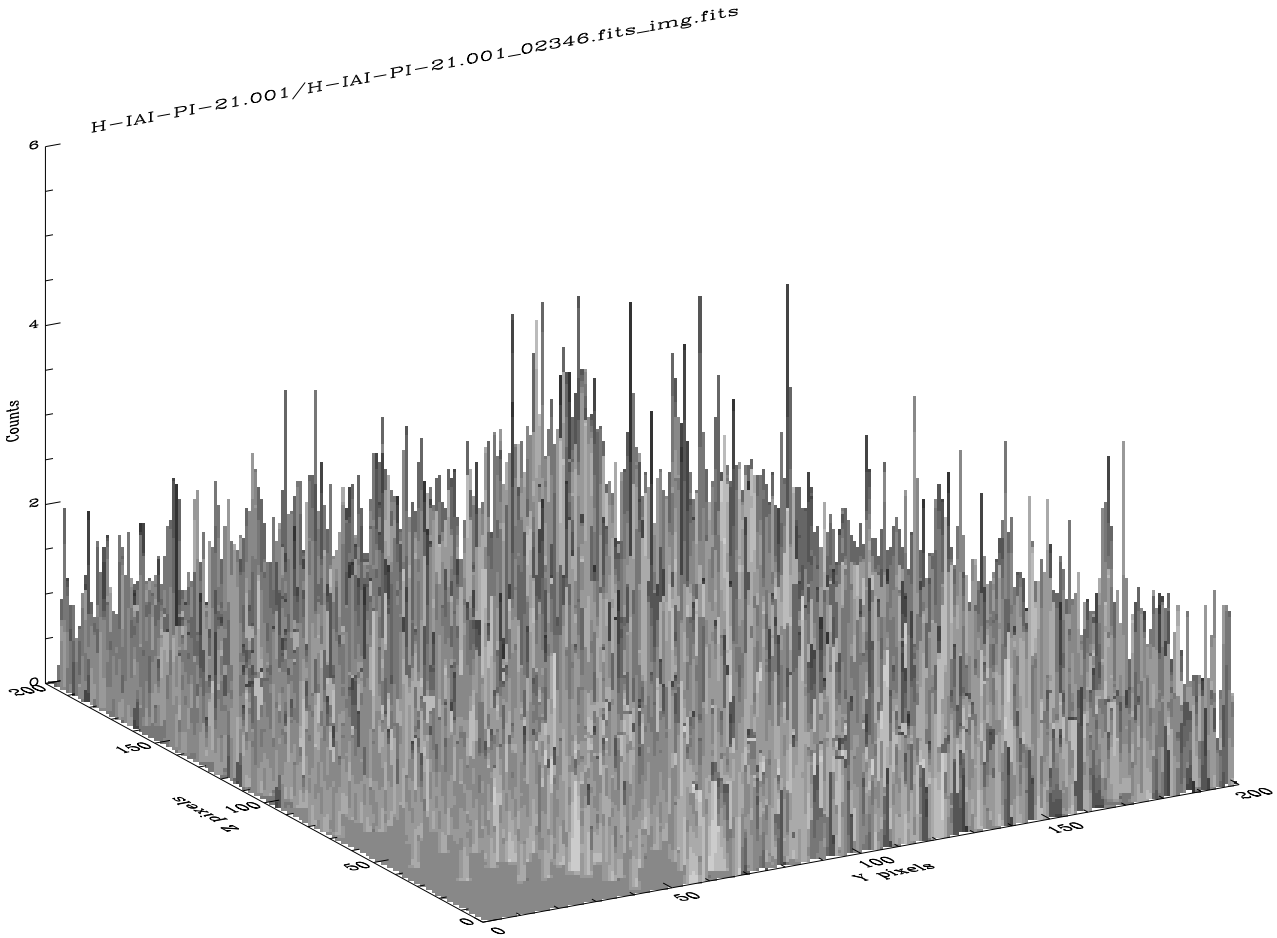
50% radius = 1484.14

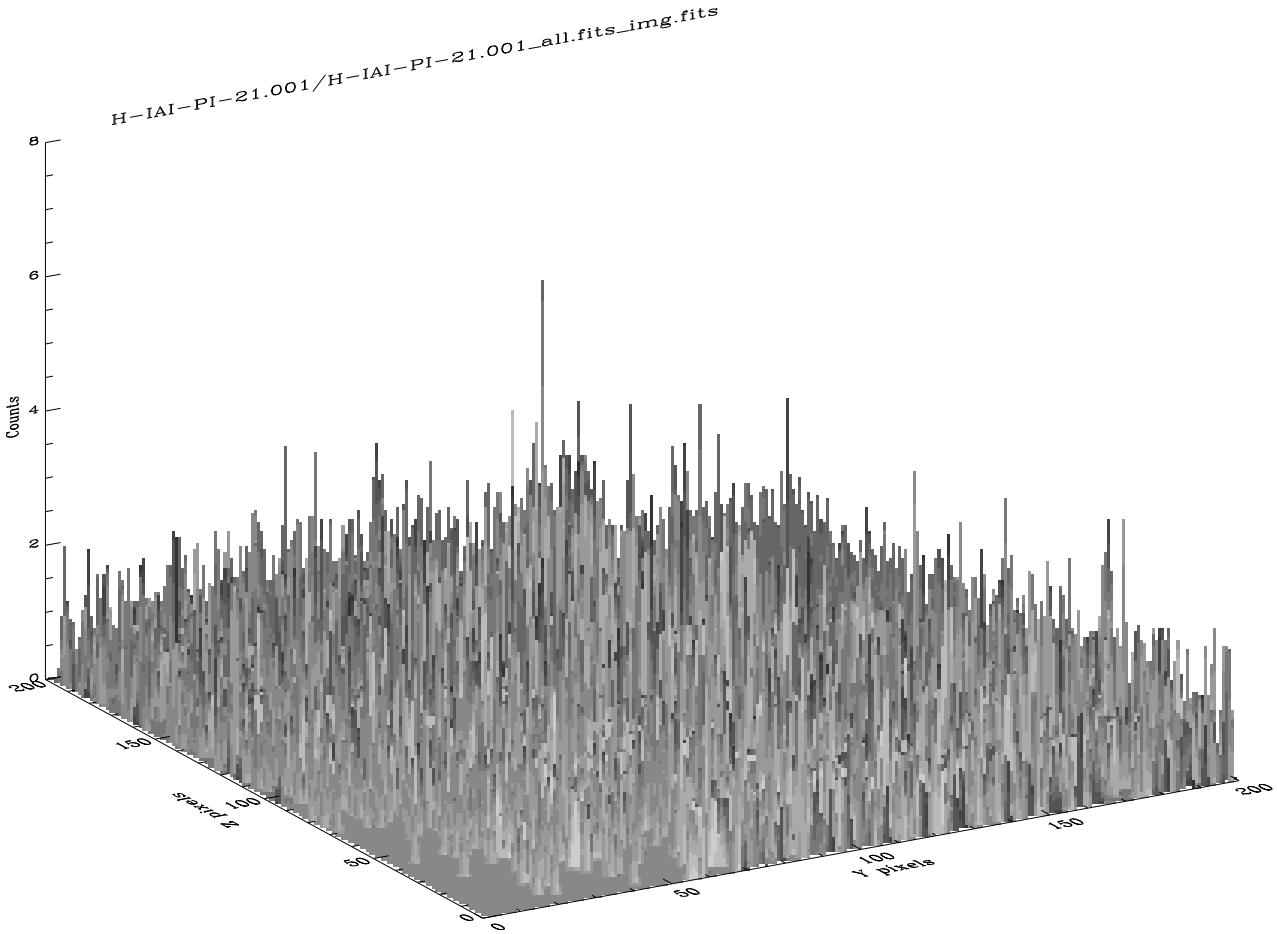
70% radius = 1961.07

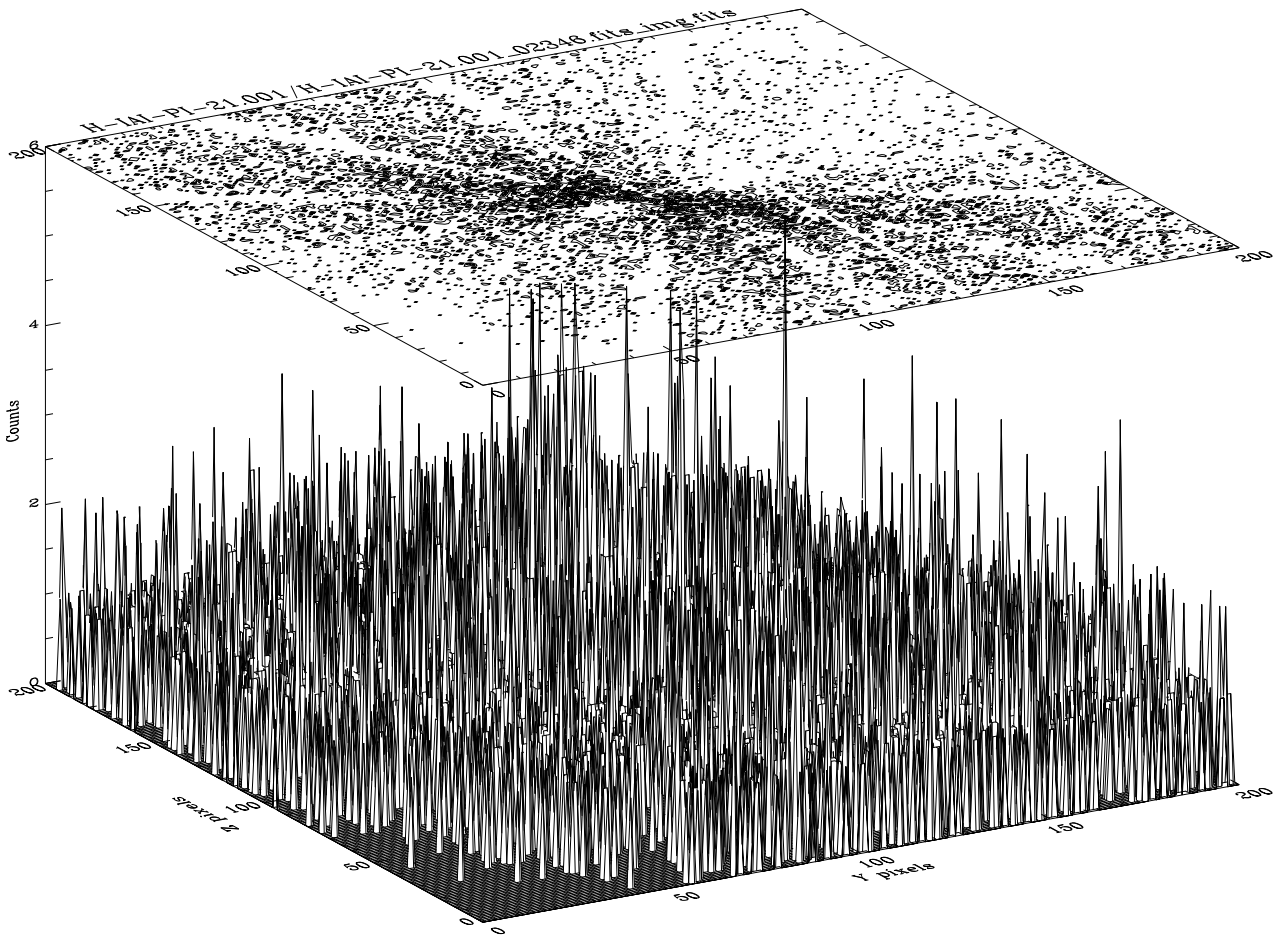
90% radius = 2656.15

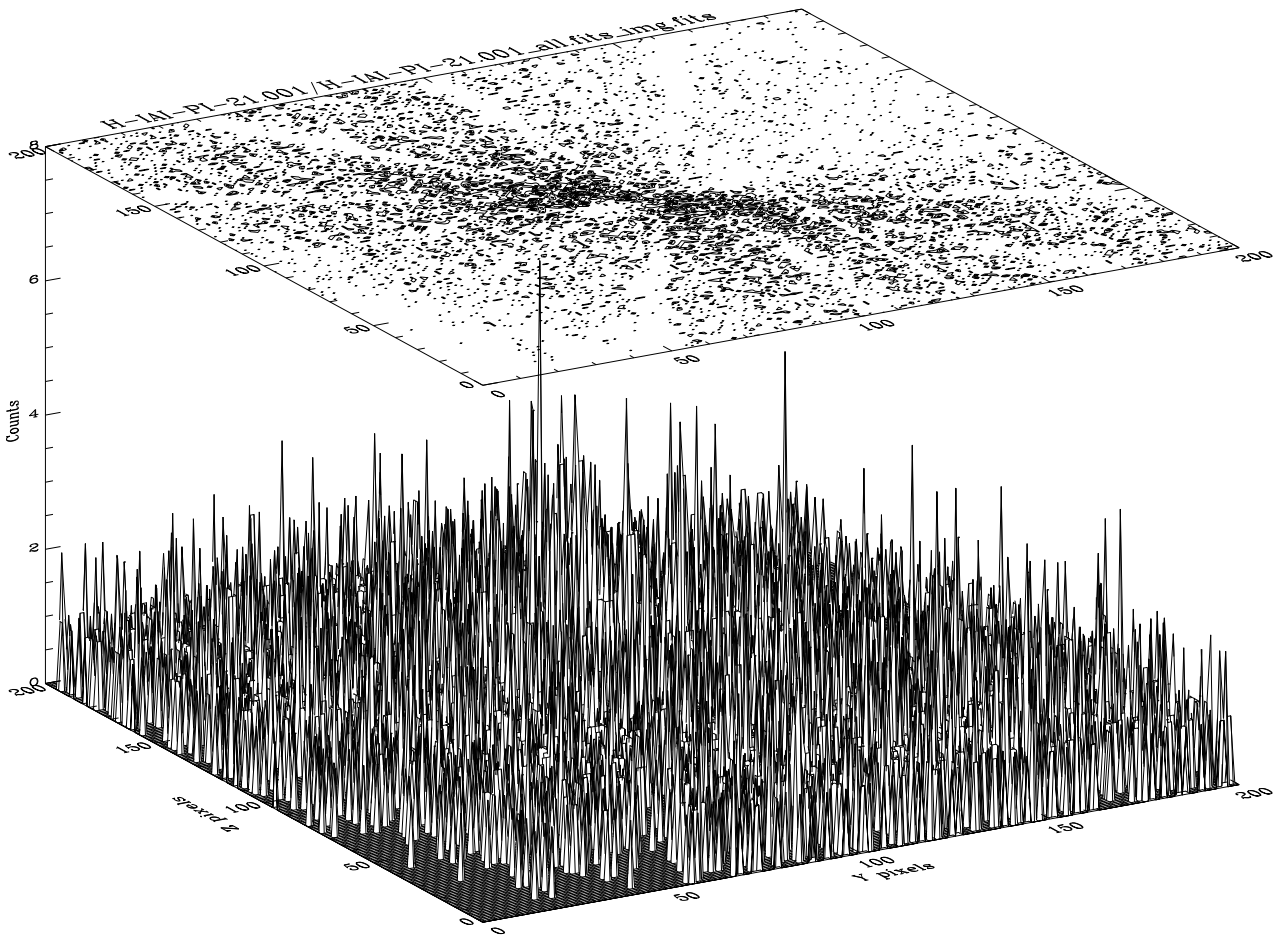

H−IAI−PI−21.001/H−IAI−PI−21.001_02346.fits_img.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)

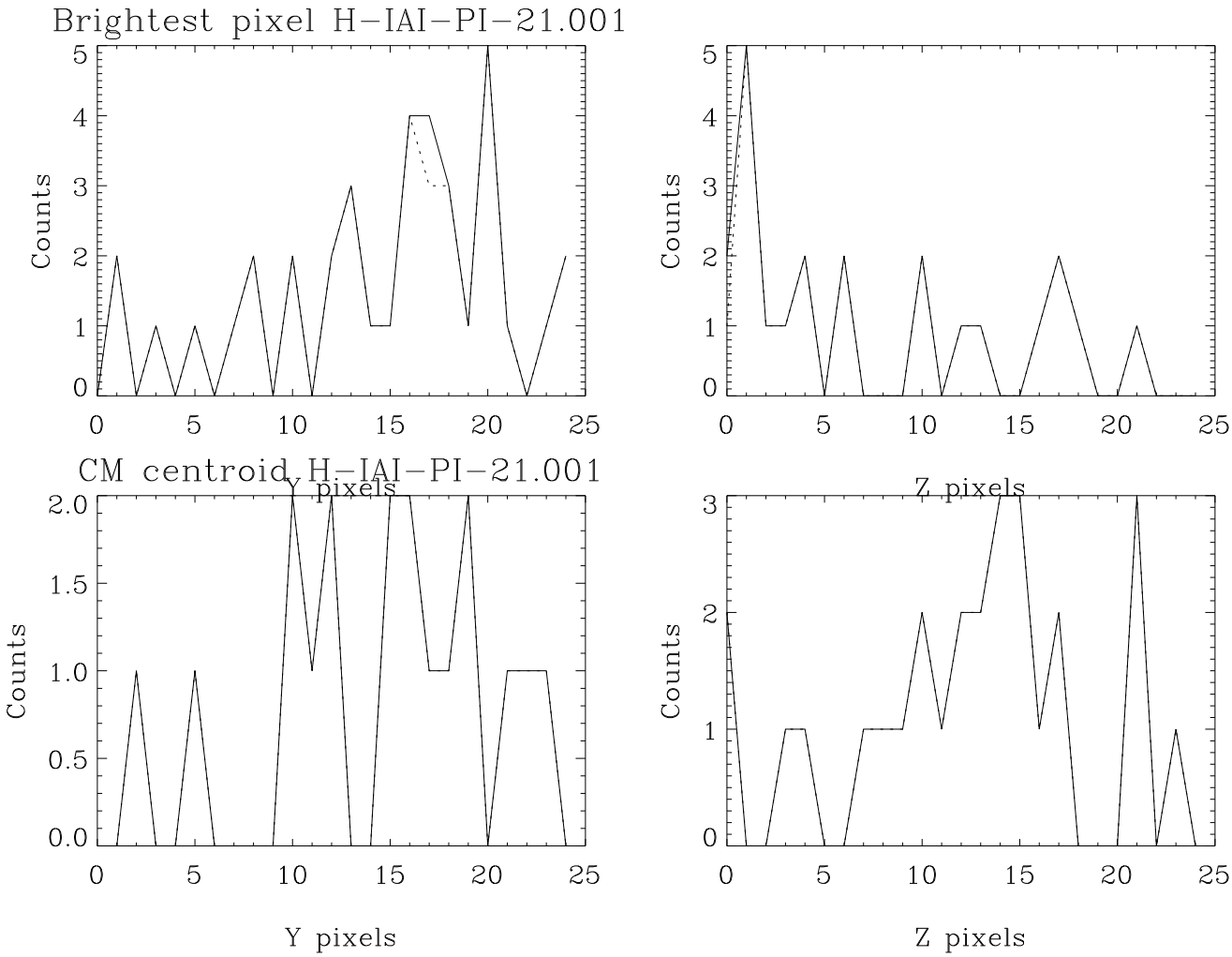

H−IAI−PI−21.001/H−IAI−PI−21.001_all_evts.fits
counts per ADU channel
1000
100
10
1
0
500
1000
1500
2000
2500
3000
ADU


H-IAI-PI-21.001/H-IAI-PI-21.001_02346.fits_img.fits
Counts
6
4
2
0
200
150
100
50
0
X pixels
0
50
100
150
200
Y Pixels


H-IAI-PI-21.001/H-IAI-PI-21.001_all.fits_img.fits
Counts
X pixels
Y Pixels
0
2
4
6
8
50
100
150
200


H_1Ni_P1_21.001/H_1Ni_P1_21.001_02346.fits_img.fits
Counts
X pixels
Y pixels
0
50
100
150
200
2
4


H_1AI_P1_21.001/H_1AI_P1_21.001_all.fits_img.fits
Counts
X pixels
Y pixels
0
50
100
150
200
2
4
6



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

Brightest pixel (Y,Z)

All grades	20	1
Std. grades	20	1

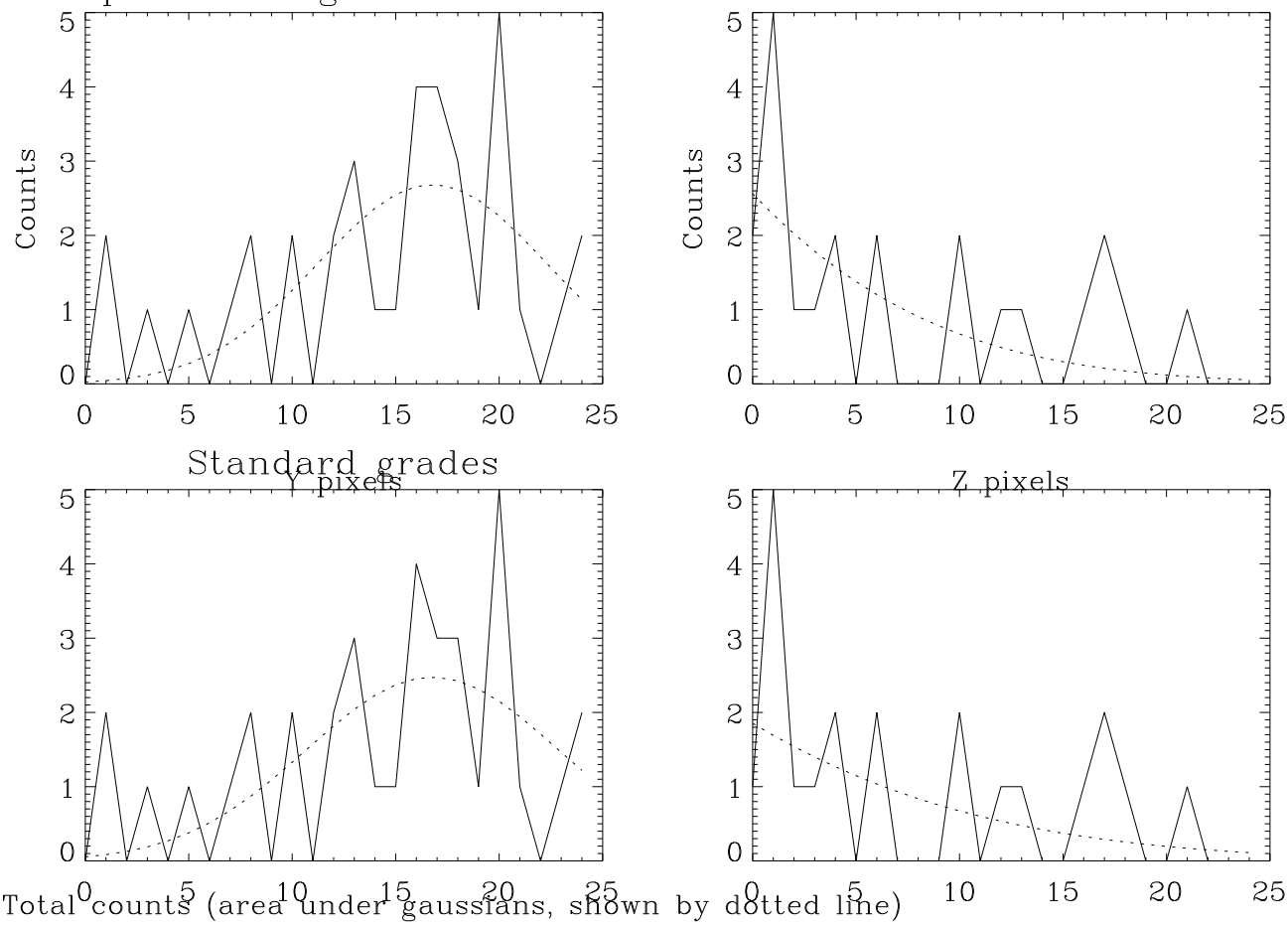
CM Centroid (Y,Z)

All grades	11.8764	11.9059
Std. grades	11.9638	11.9314

Brightest pixel maxima

All grades:	5
Std. grades:	5

Brightest pixel – All grades H–IAI–PI–21.001



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

	Integrated	Analytical
All Y	33.509146	37.058458
Std Y	33.160219	37.672079
All Z	18.207316	550.39502
Std Z	16.406053	608.06984

	amplitude	offset	sigma	FWHM
All Y:	2.6853335	16.772107	5.5055306	12.960019
Std Y:	2.4753122	16.770927	6.0715513	14.292432
All Z:	13.690340	−29.373853	16.038743	37.755203
Std Z:	11.452864	−40.426338	21.181144	49.860415