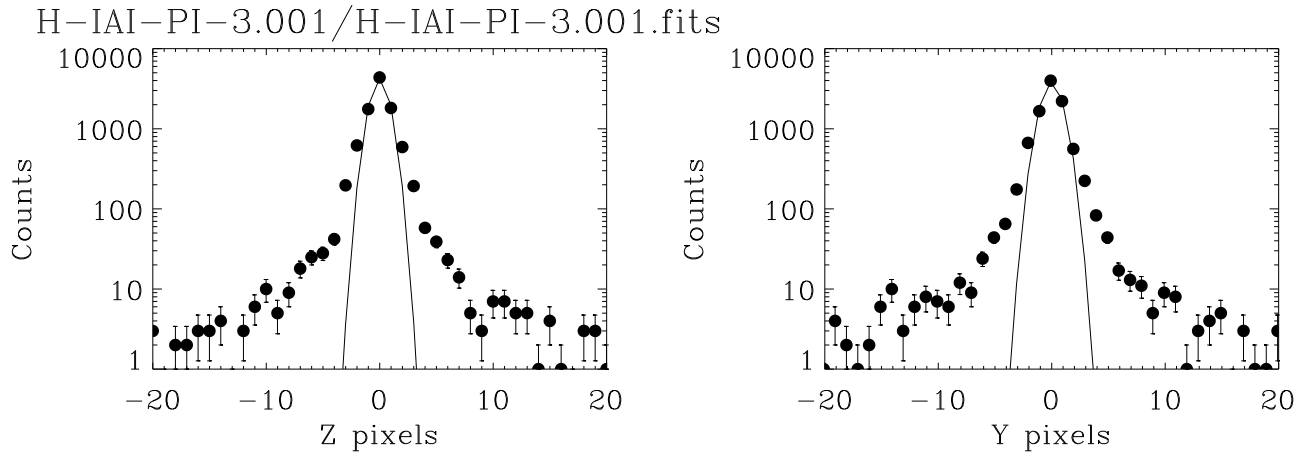


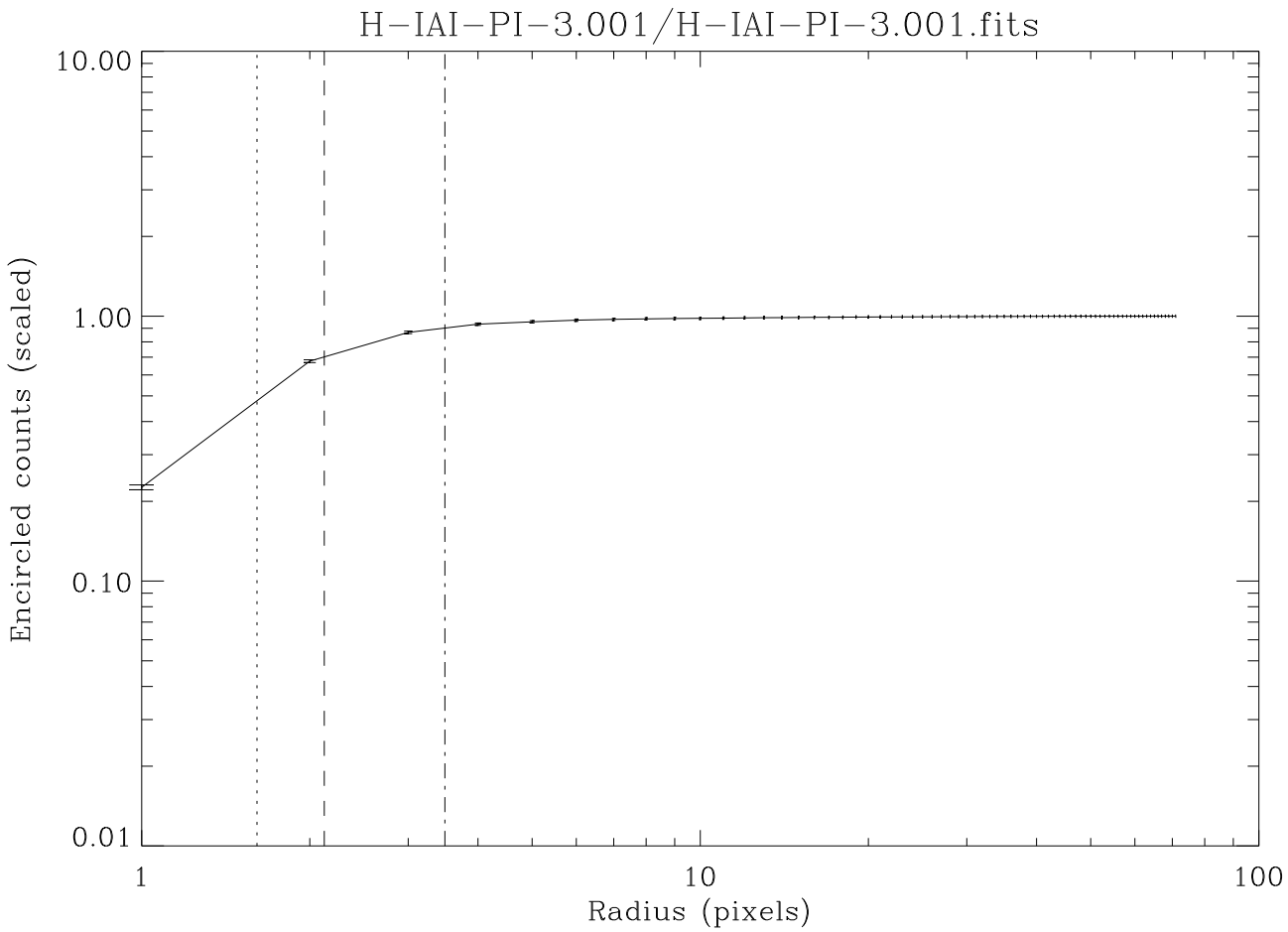
All measurements in pixels

Z gaussian FWHM = 1.8830123

Y gaussian FWHM = 2.1366415

Z fit parameters: Amplitude= 4265 Offset= 49 Sigma= 0

Y fit parameters: Amplitude= 3867 Offset= 49 Sigma= 0



Encircled energy radii in pixels

50% radius = 1.60853

70% radius = 2.12304

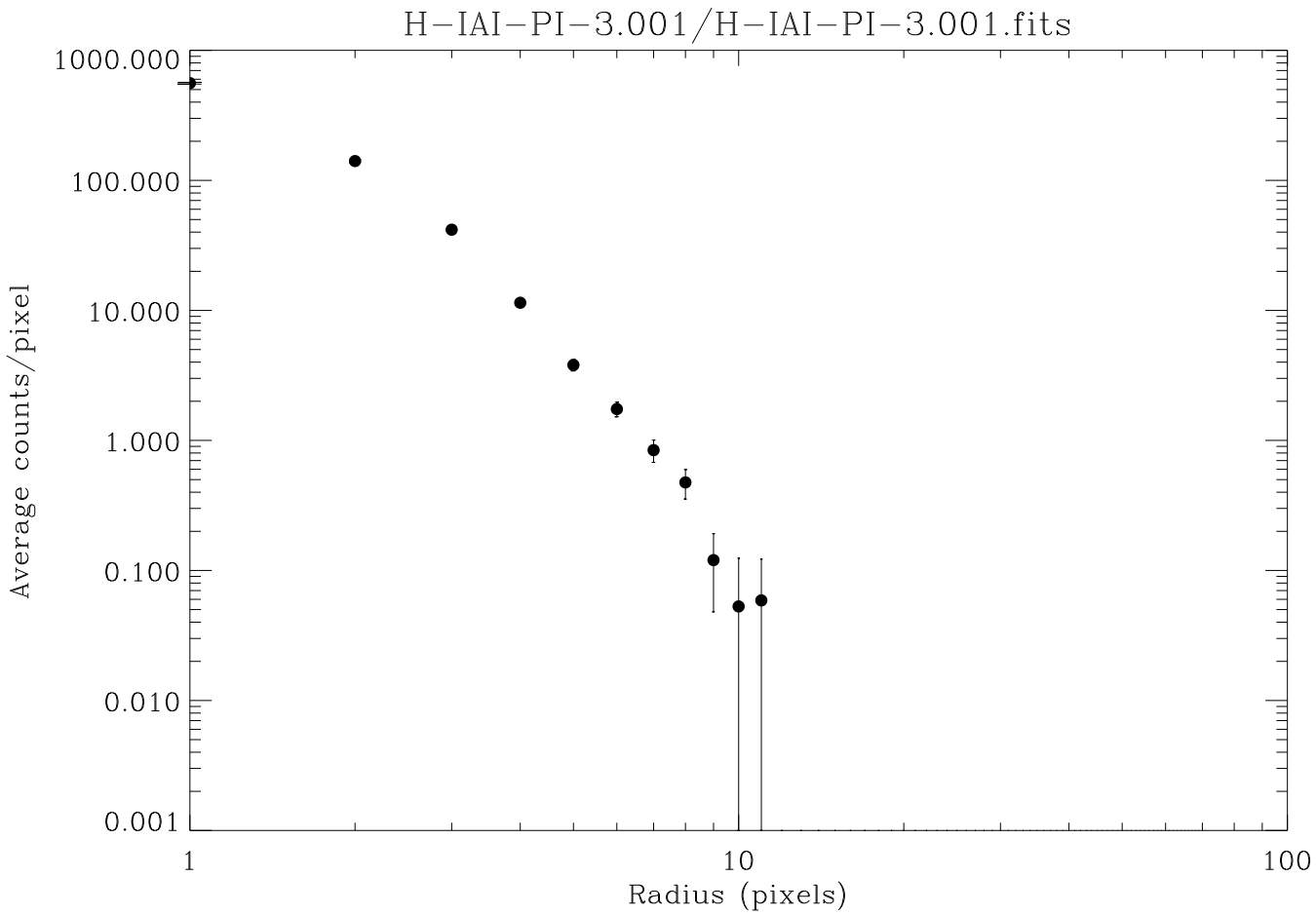
90% radius = 3.48983

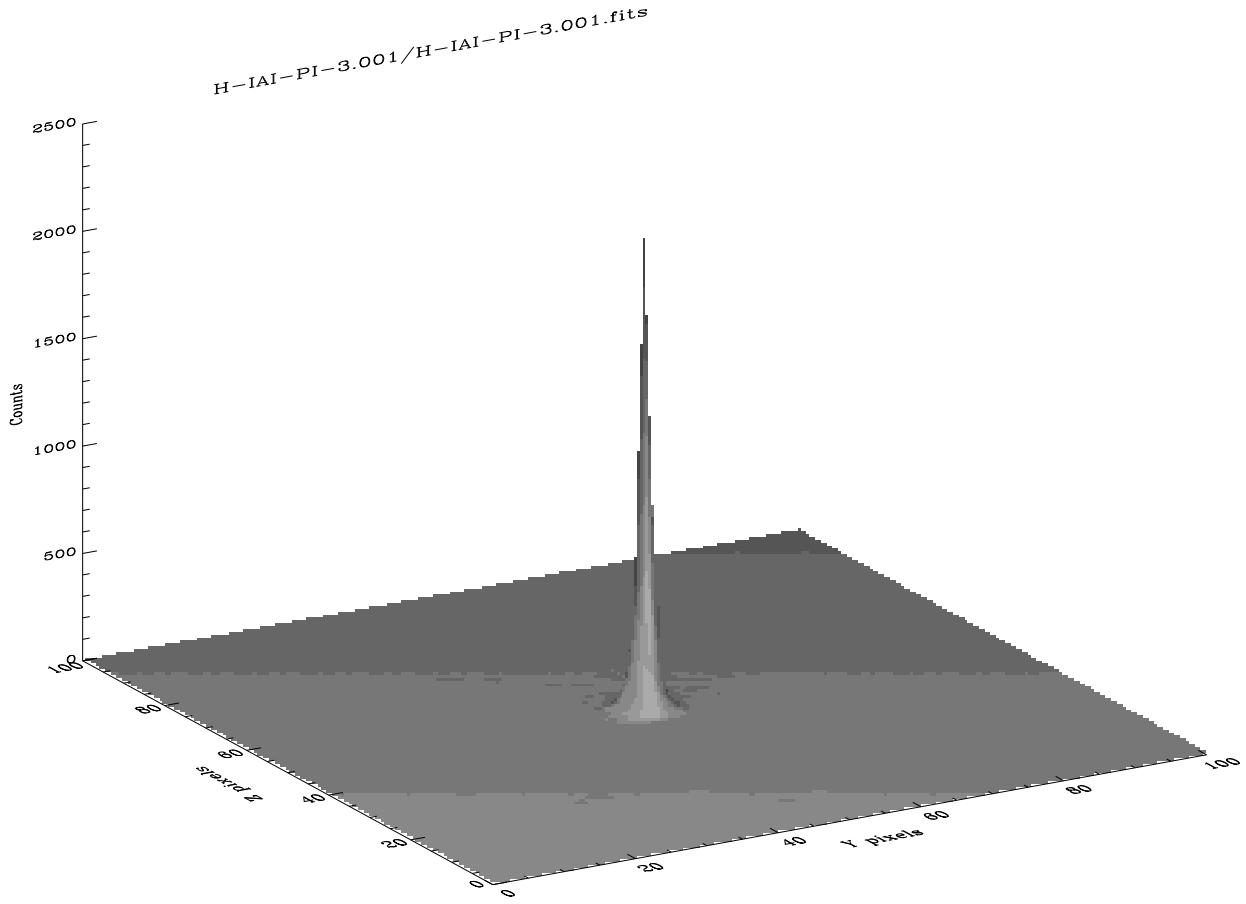
Encircled energy radii in microns

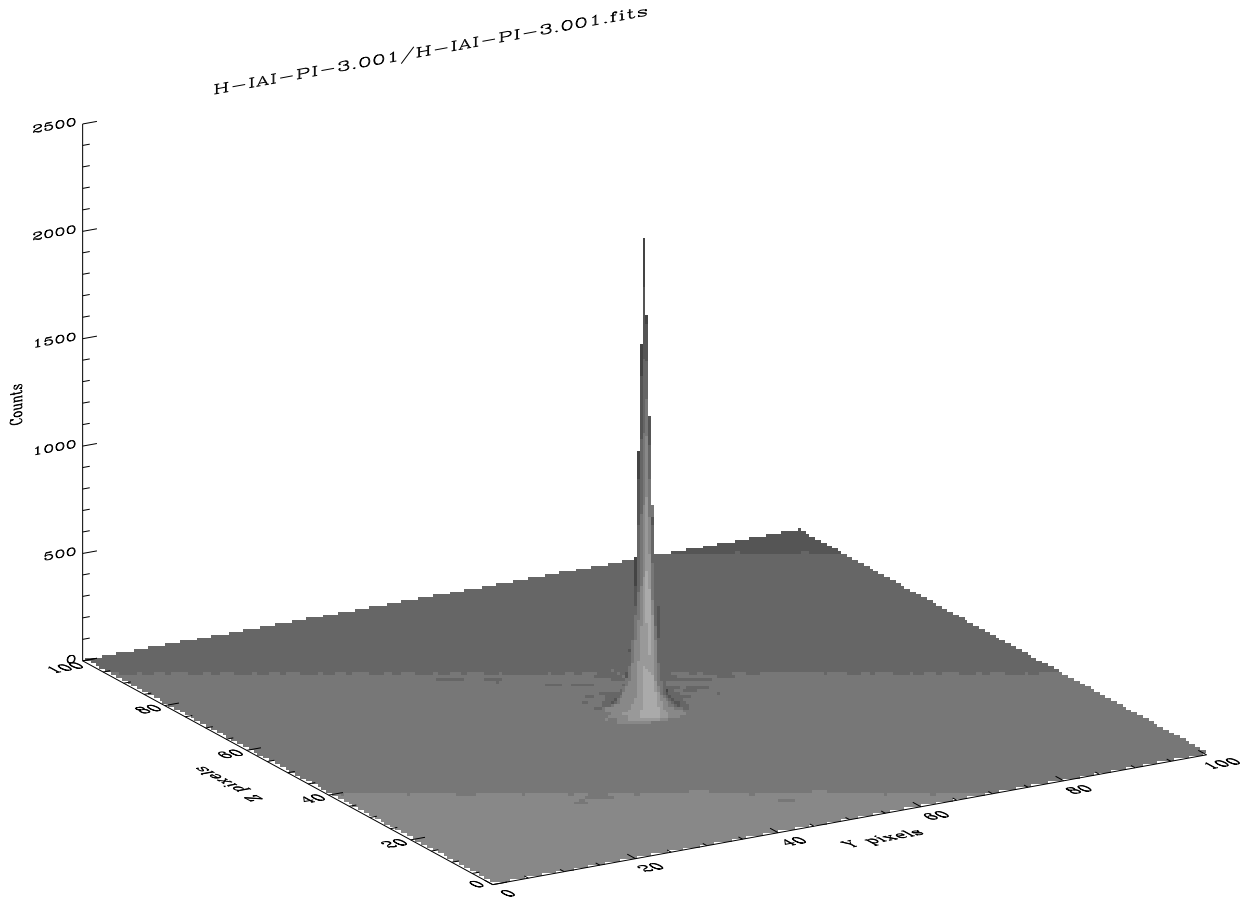
50% radius = 38.6047

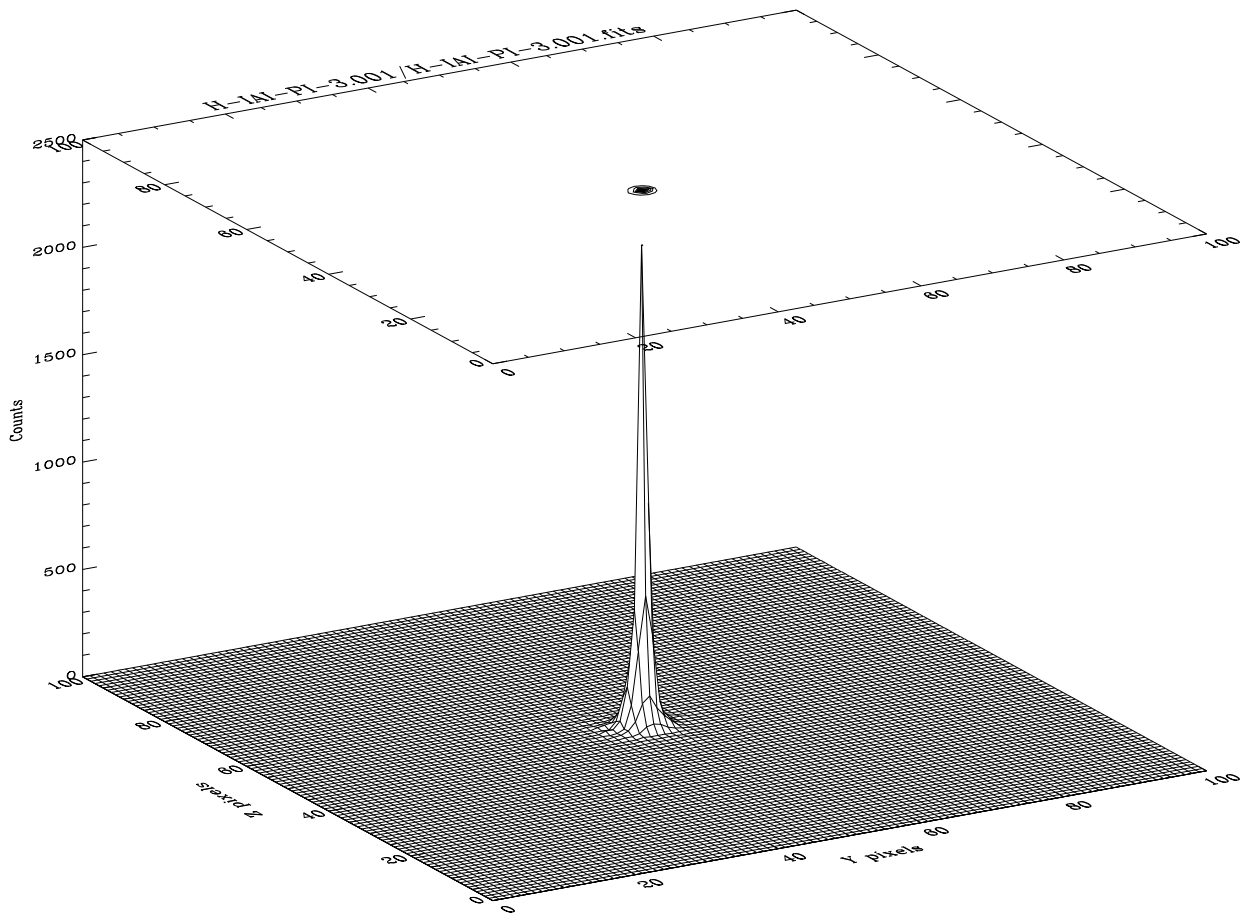
70% radius = 50.9529

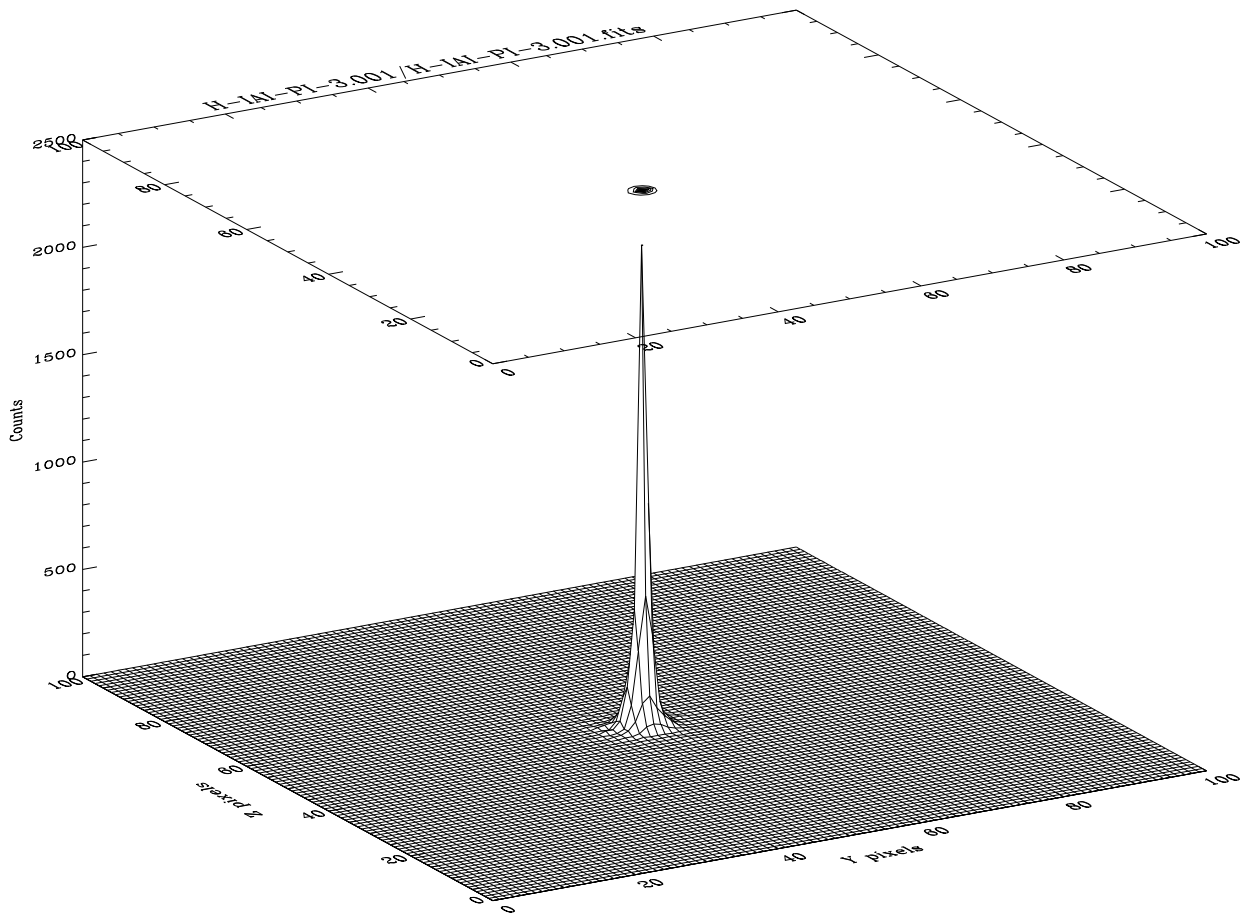
90% radius = 83.7559

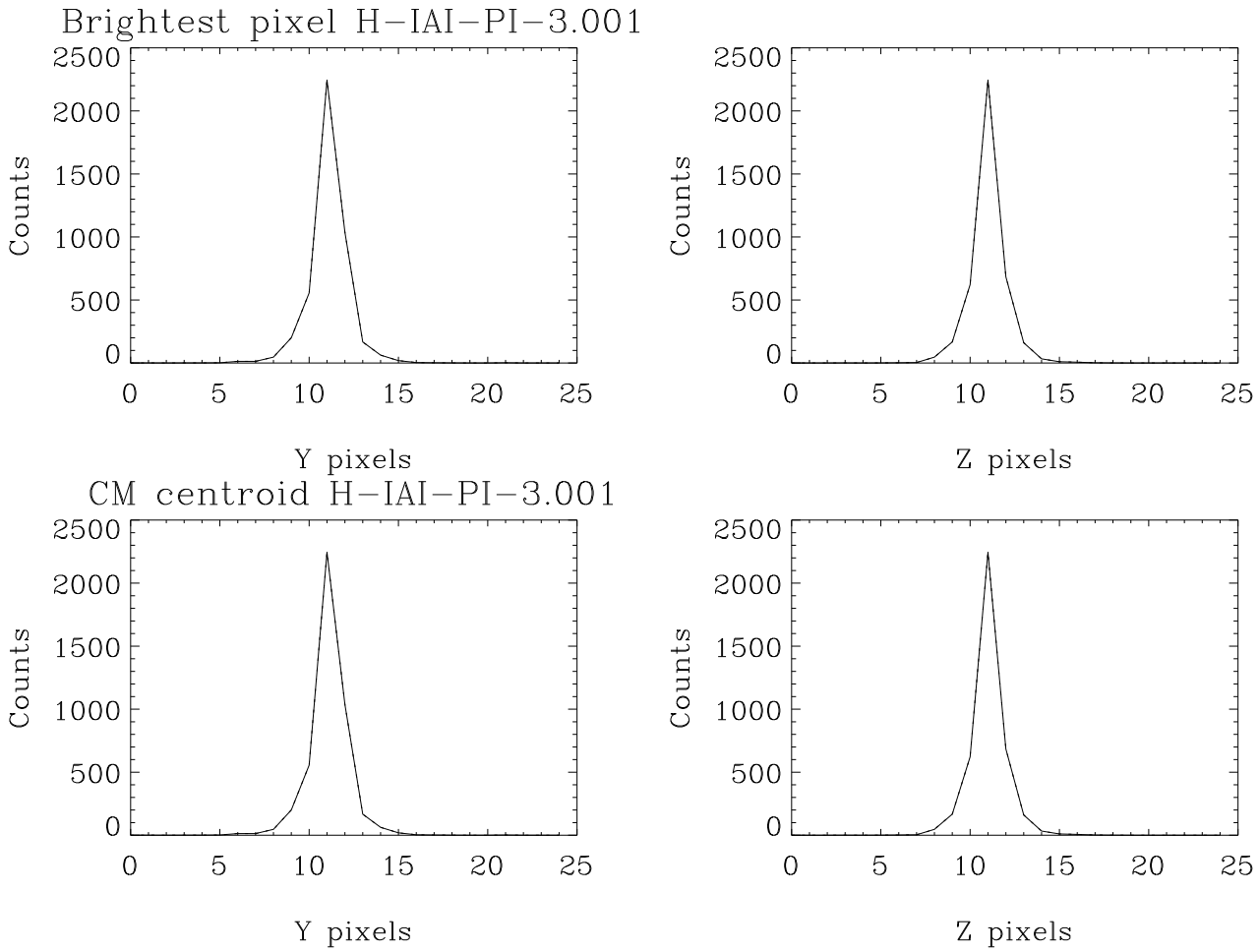

H−IAI−PI−3.001/H−IAI−PI−3.001.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H-IAI-PI-3.001/H-IAI-PI-3.001.fits
Counts
2500
2000
1500
1000
500
100
80
60
40
20
0
X pixels
0
20
40
60
80
100
Y pixels


H-IAI-PI-3.001/H-IAI-PI-3.001.fits
Counts
2500
2000
1500
1000
500
100
80
60
40
20
0
X pixels
0
20
40
60
80
100
Y pixels


H-1AL-P1-3.001/H-1AL-P1-3.001.fit*
Counts
X pixels
Y pixels
2500
2000
1500
1000
500
0
20
40
60
80
100


H-1AL-P1-3.001/H-1AL-P1-3.001.fit*
Counts
X pixels
Y pixels
2500
2000
1500
1000
500
0
20
40
60
80
100



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

Brightest pixel (Y,Z)

All grades	11	11
Std. grades	11	11

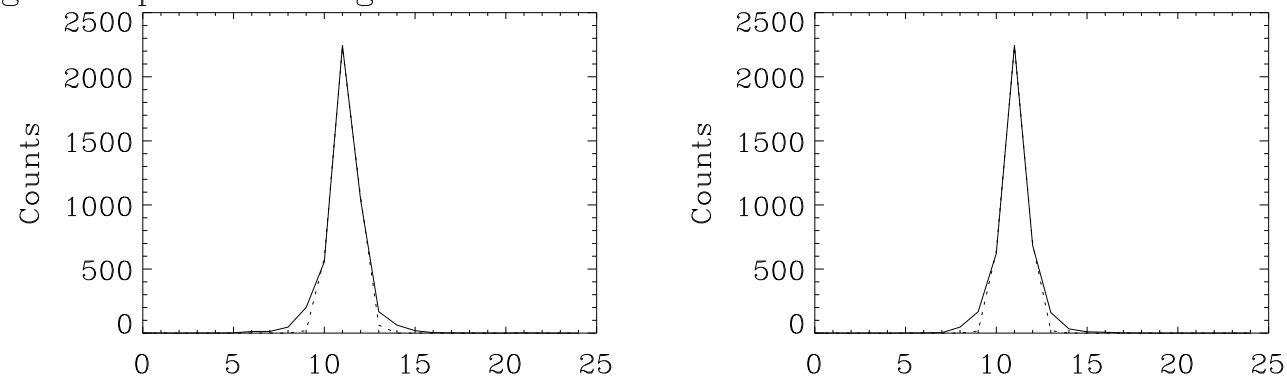
CM Centroid (Y,Z)

All grades	11.0650	11.0128
Std. grades	11.0650	11.0128

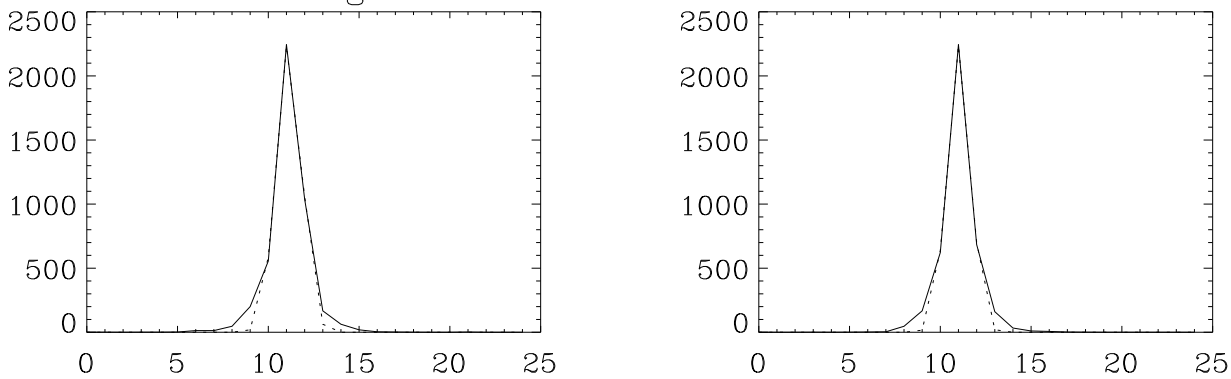
Brightest pixel maxima

All grades:	2245
Std. grades:	2245

Brightest pixel – All grades H–IAI–PI–3.001



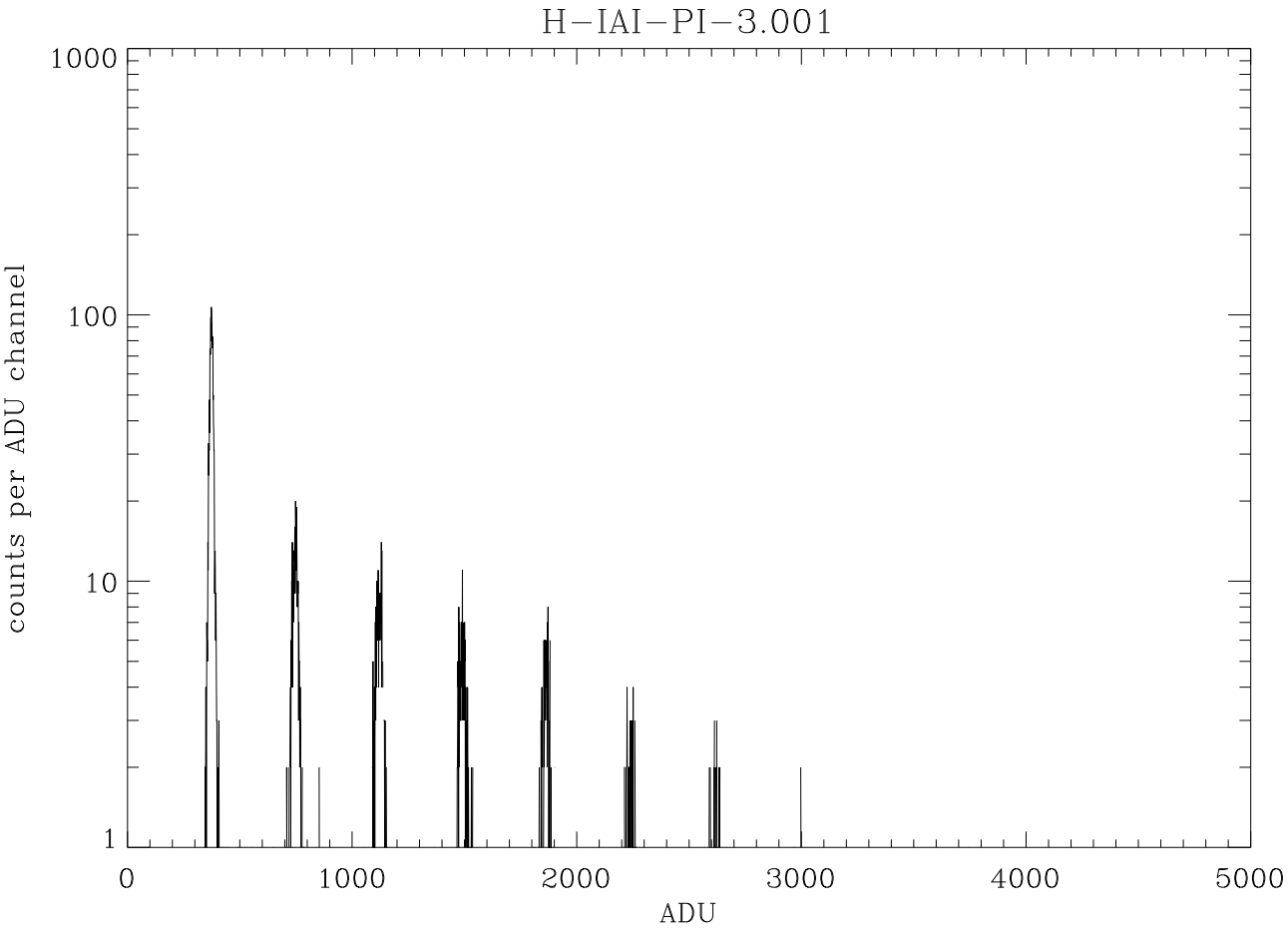
Standard grades

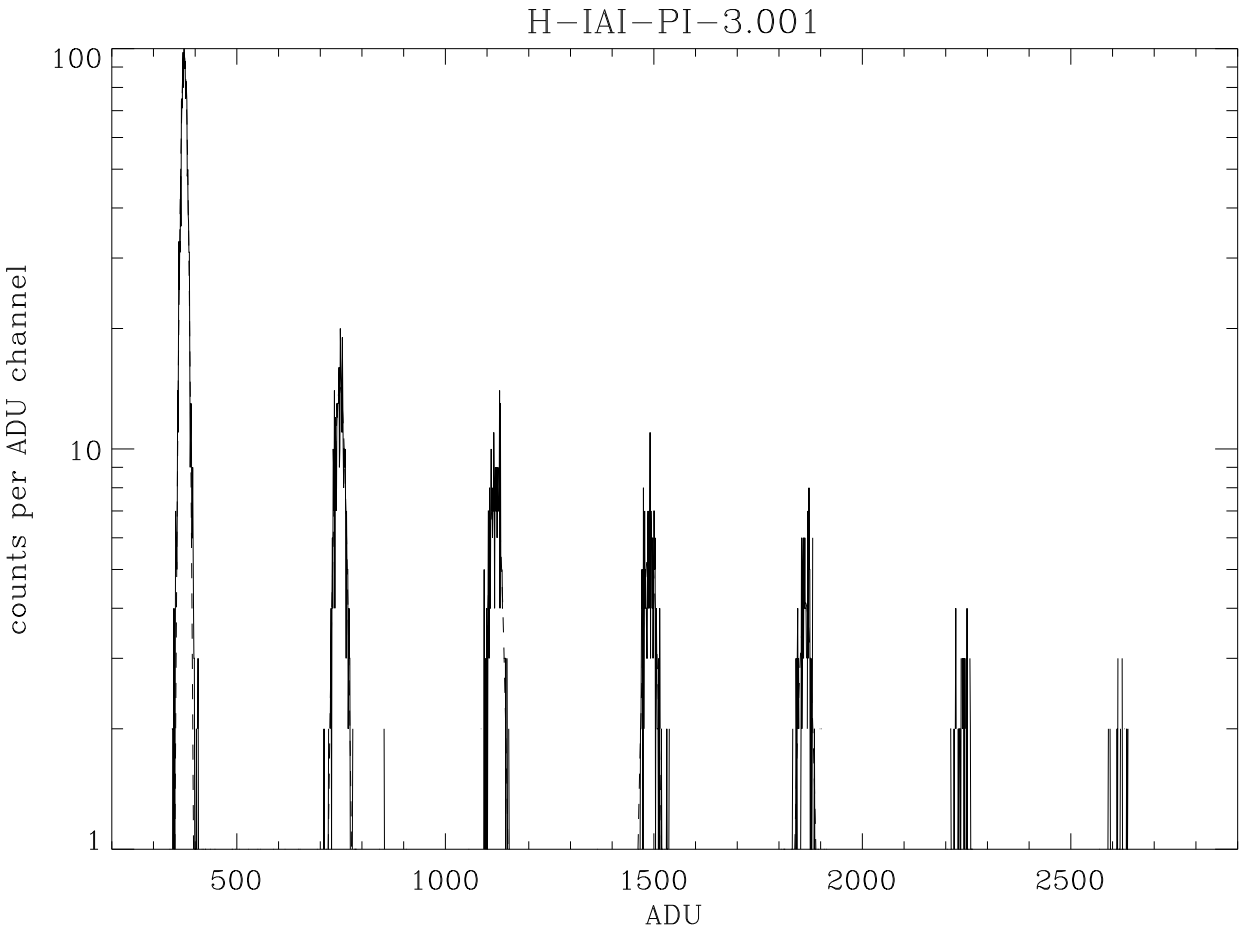


Total counts (area under gaussians, shown by dotted line)

	Integrated	Analytical
All Y	4261.6402	3958.0421
Std Y	4261.6402	3958.0421
All Z	4009.0663	3608.9698
Std Z	4009.0663	3608.9698

	amplitude	offset	sigma	FWHM
All Y:	2279.4167	11.142638	0.69273441	1.6306969
Std Y:	2279.4167	11.142638	0.69273441	1.6306969
All Z:	2238.9655	11.019031	0.64305173	1.5137438
Std Z:	2238.9655	11.019031	0.64305173	1.5137438


H−IAI−PI−3.001
counts per ADU channel
1000
100
10
1
0
1000
2000
3000
4000
5000
ADU



area1 = 1775.3547

area2 = 433.84203

area3 = 276.79219

area4 = 221.31646

Analytical area estimates = 1775.6914 433.86700 309.52021 222.12040

	amplitude	offset	sigma
gaussian1:	95.921087	373.72651	7.3852206
gaussian2:	14.277285	747.09950	12.123305
gaussian3:	8.4545257	1119.9581	14.605278
gaussian4:	5.9095400	1490.3191	14.994944

Pileup fraction, photons = 0.65399725
Pileup fraction, area = 0.37963219