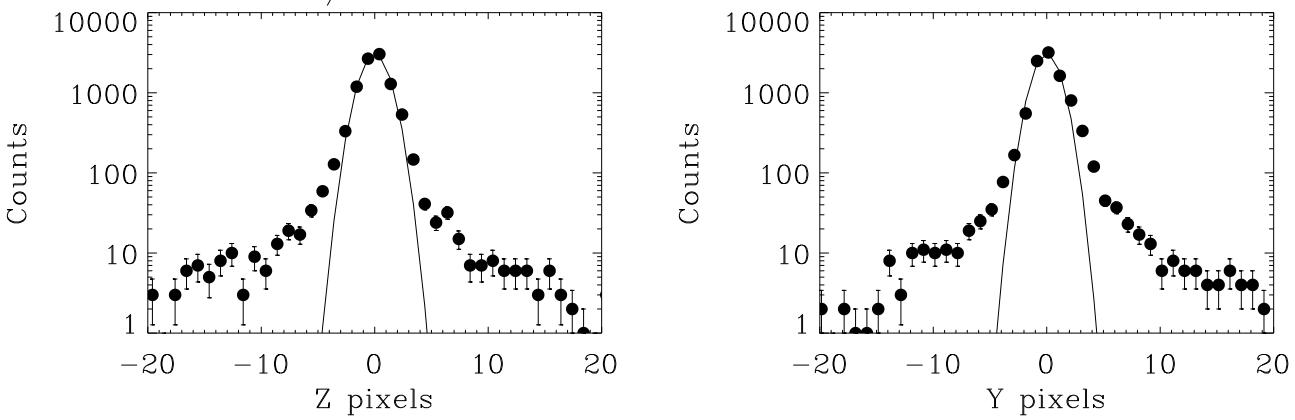
H−IAI−PI−2.013/H−IAI−PI−2.013.fits



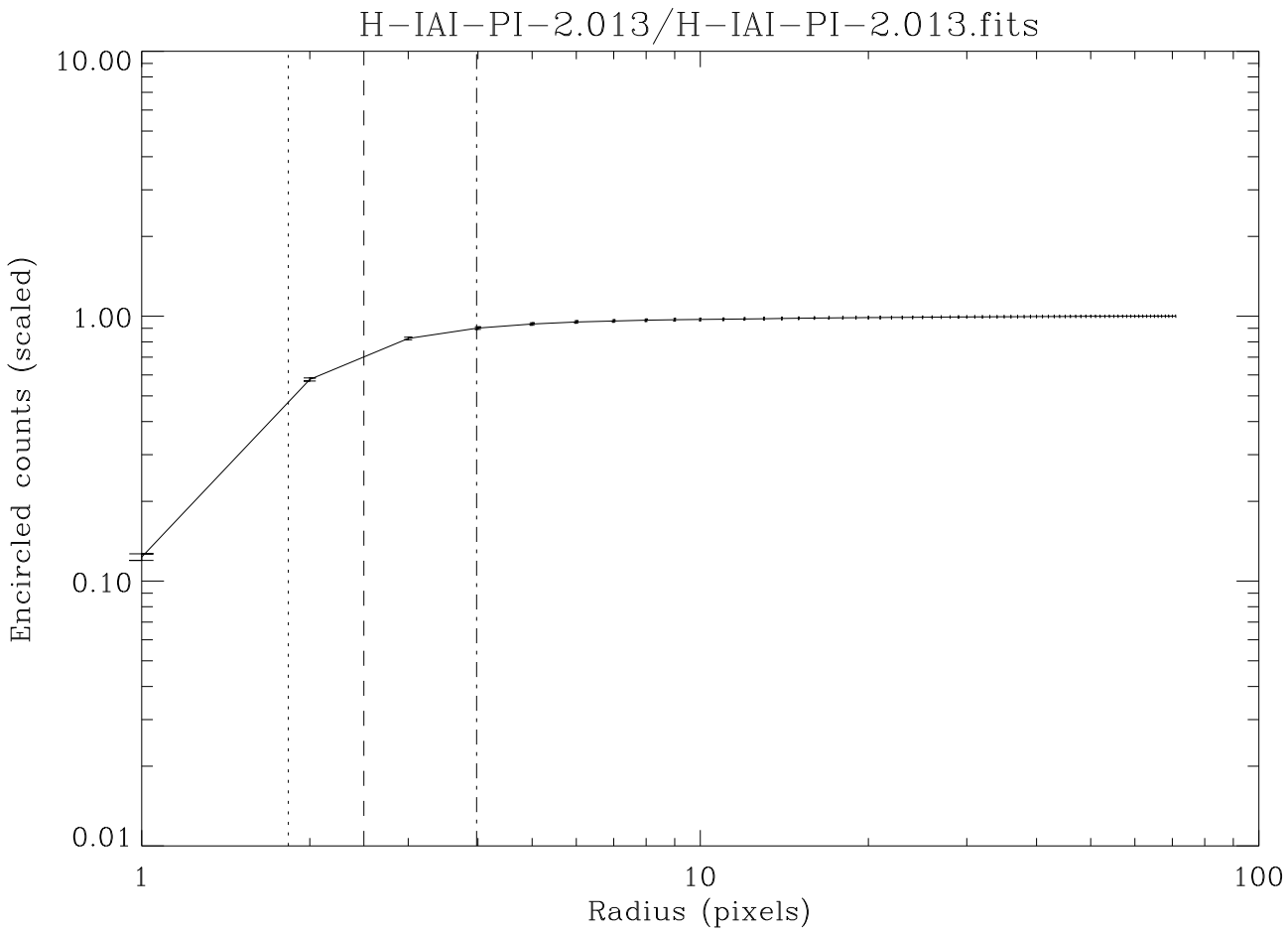
All measurements in pixels

Z gaussian FWHM = 2.7251053

Y gaussian FWHM = 2.5985108

Z fit parameters: Amplitude= 3102 Offset= 49 Sigma= 1

Y fit parameters: Amplitude= 3182 Offset= 47 Sigma= 1



Encircled energy radii in pixels

50% radius = 1.83066

70% radius = 2.49888

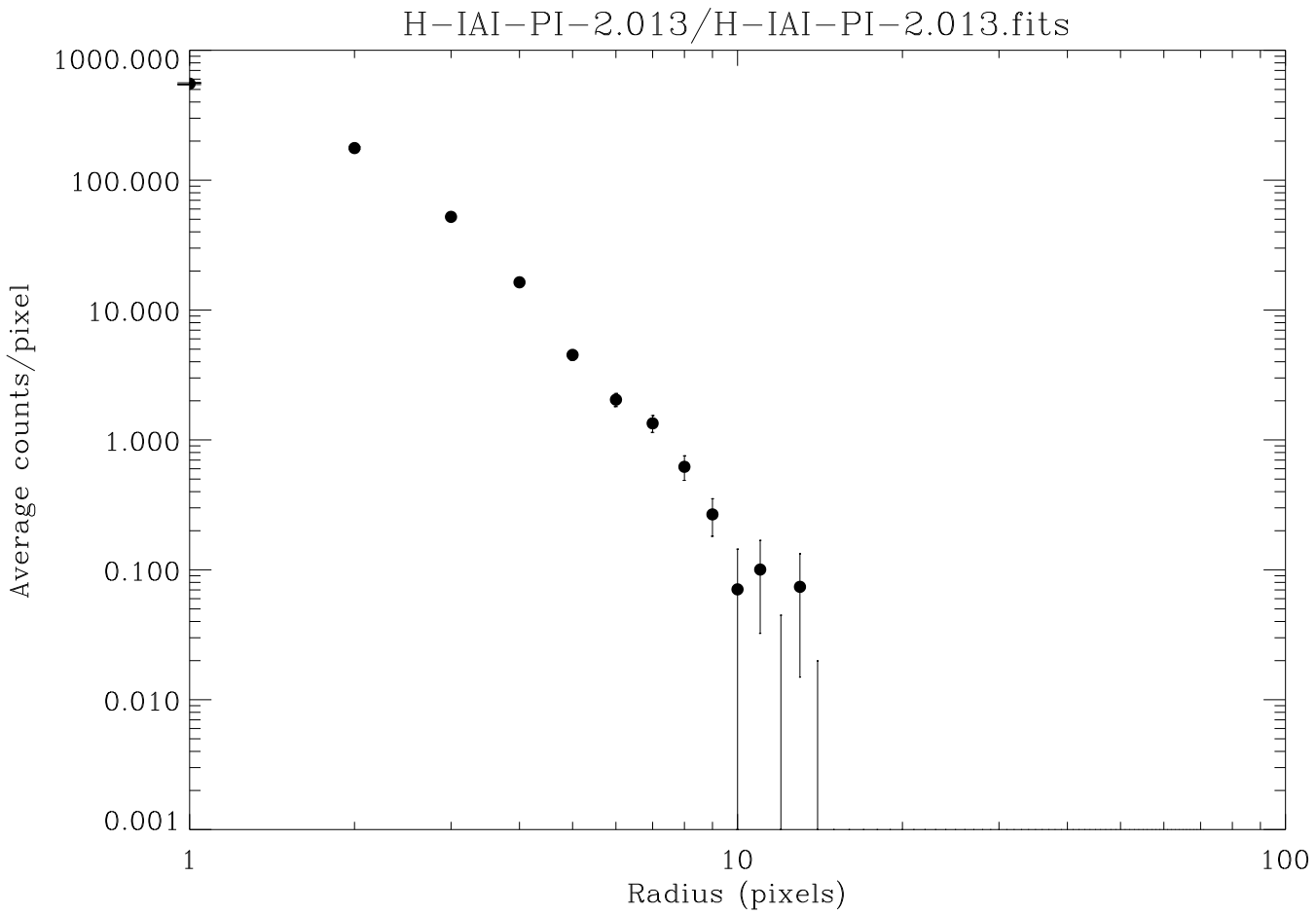
90% radius = 3.97717

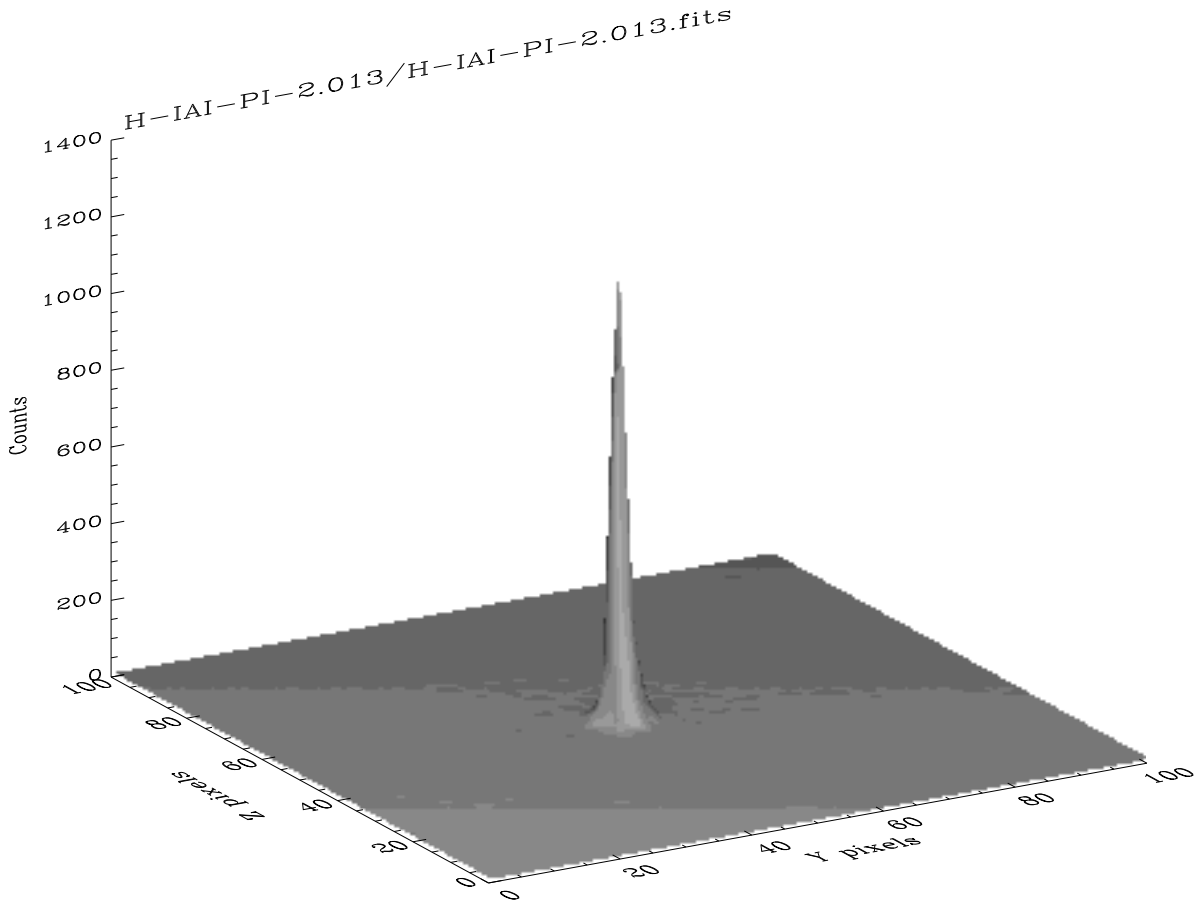
Encircled energy radii in microns

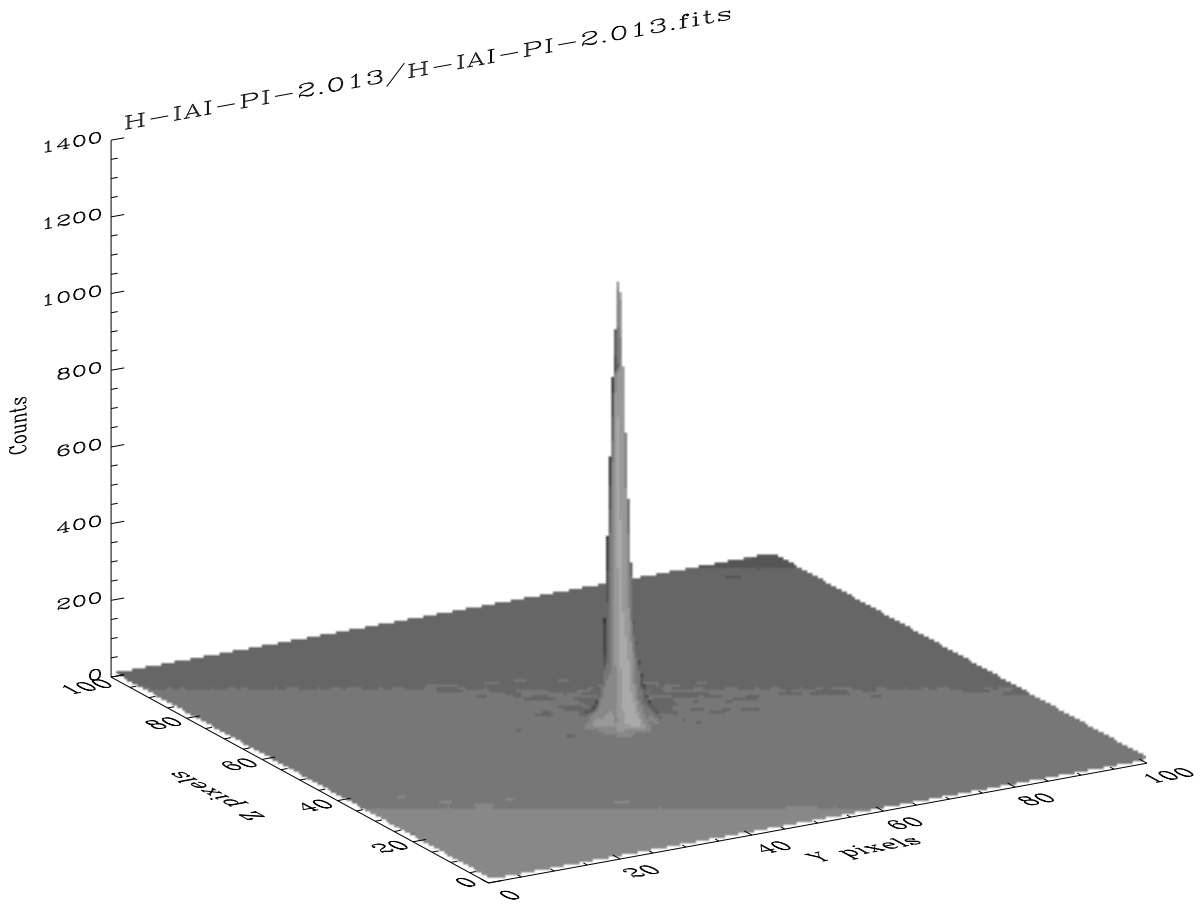
50% radius = 43.9359

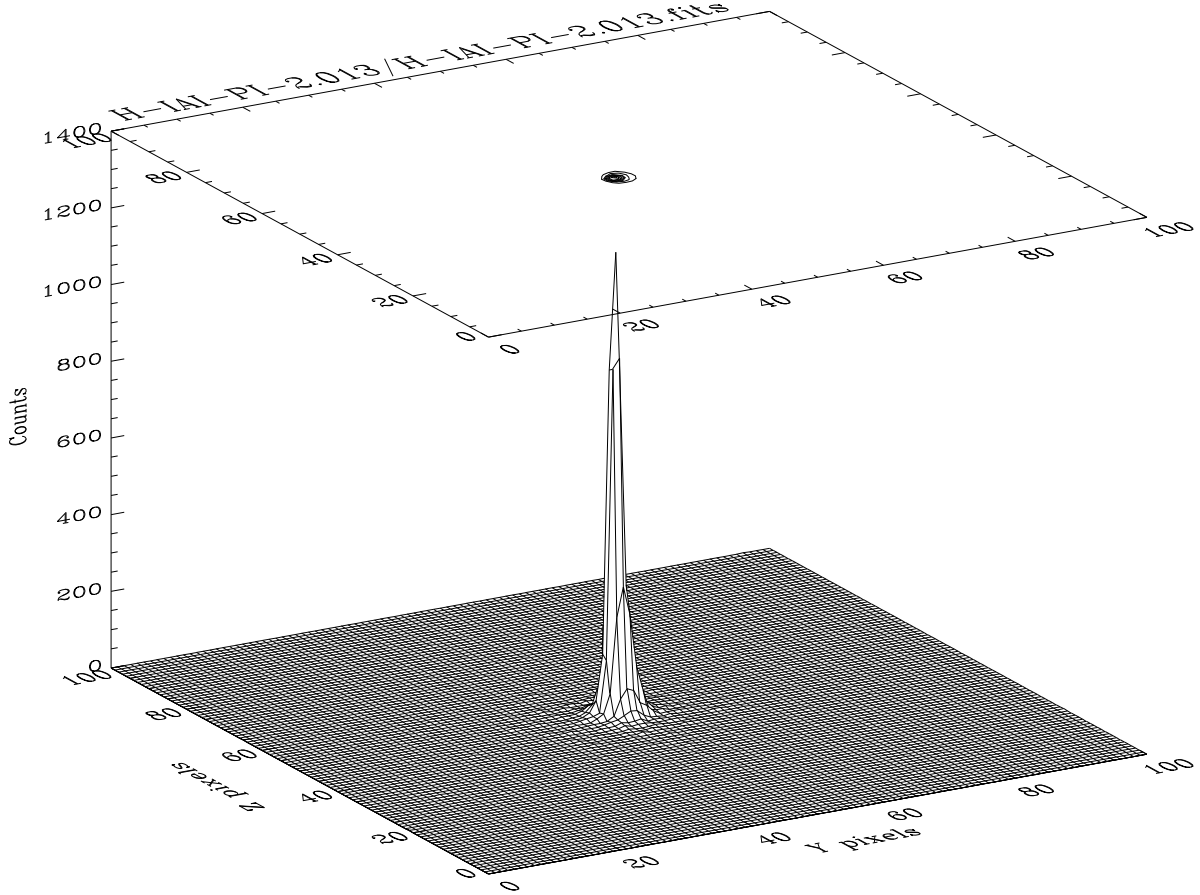
70% radius = 59.9731

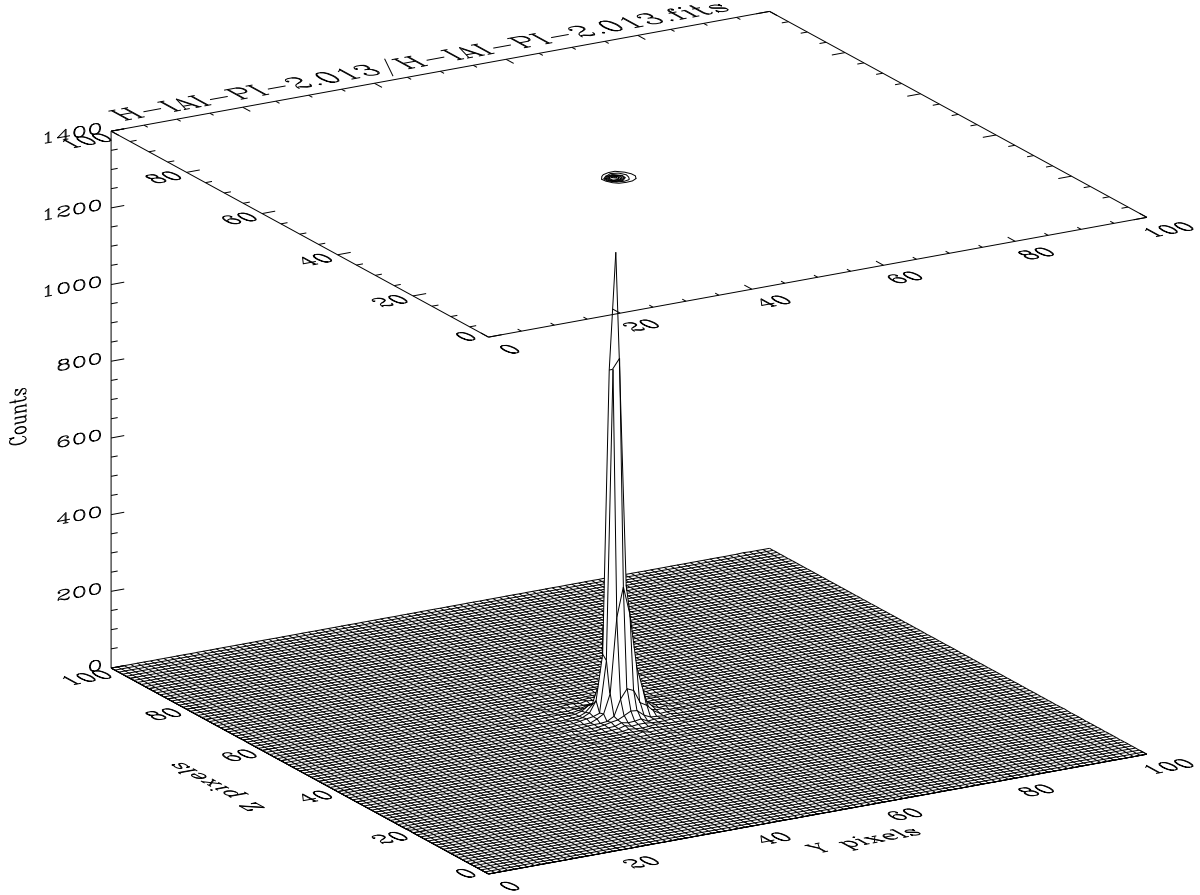
90% radius = 95.4520

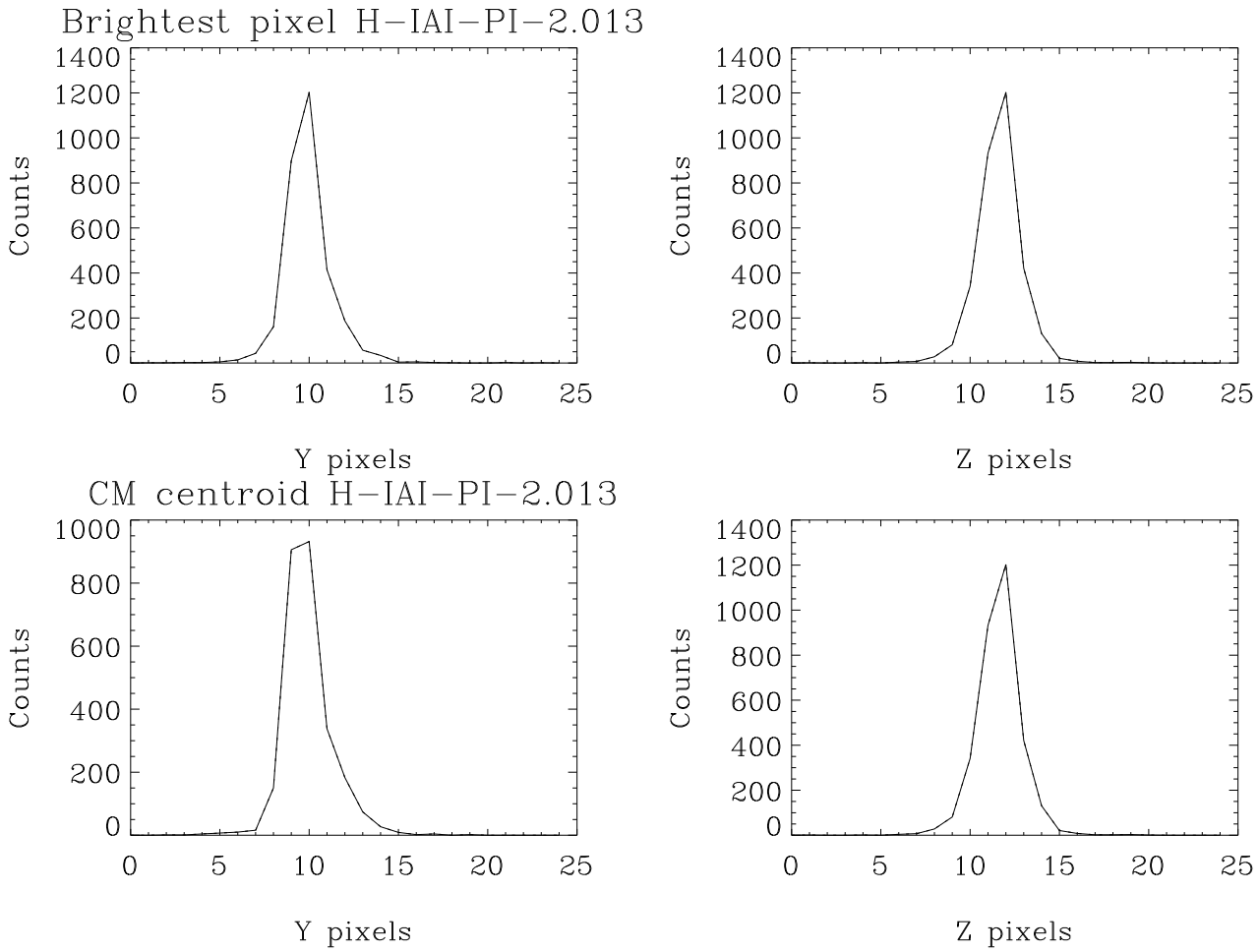

H−IAI−PI−2.013/H−IAI−PI−2.013.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H−IAI−PI−2.013/H−IAI−PI−2.013.fits
Counts
1400
1200
1000
800
600
400
200
0
X pixels
100
80
60
40
20
0
Y pixels
0
20
40
60
80
100


H−IAI−PI−2.013/H−IAI−PI−2.013.fits
Counts
1400
1200
1000
800
600
400
200
0
X pixels
100
80
60
40
20
0
Y pixels
0
20
40
60
80
100


H-1AI-P1-2.013/H-1AI-P1-2.013.fits
Counts
X pixels
Y pixels
0
200
400
600
800
1000
1200
1400
20
40
60
80
100


H-1AI-P1-2.013/H-1AI-P1-2.013.fits
Counts
X pixels
Y pixels
0
200
400
600
800
1000
1200
1400
20
40
60
80
100



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

Brightest pixel (Y,Z)

All grades	10	12
Std. grades	10	12

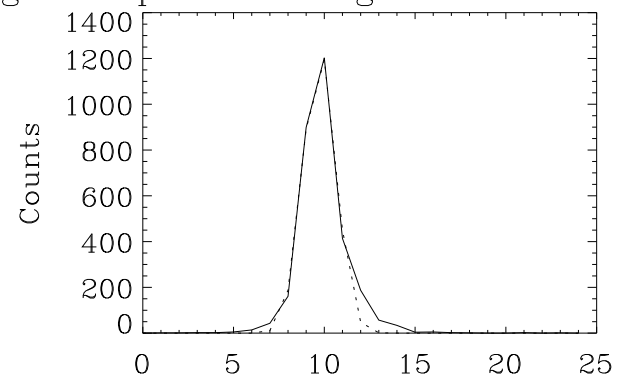
CM Centroid (Y,Z)

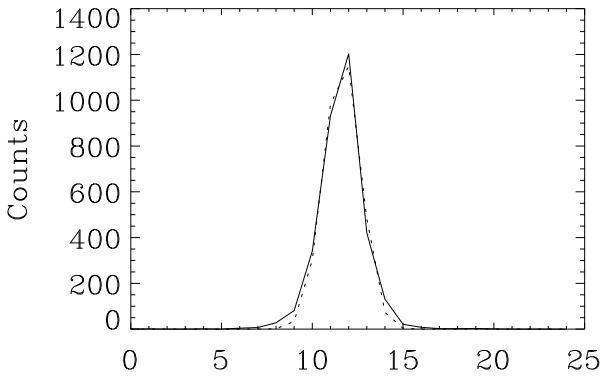
All grades	10.0761	11.5886
Std. grades	10.0761	11.5886

Brightest pixel maxima

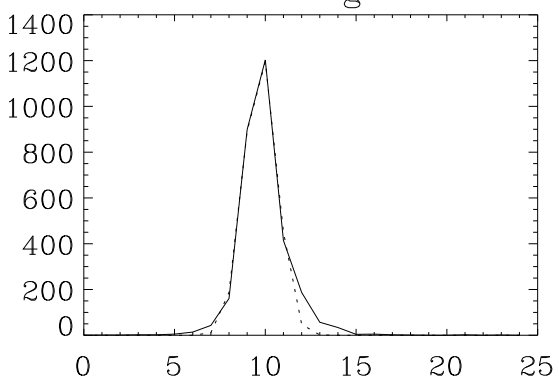
All grades:	1203
Std. grades:	1203

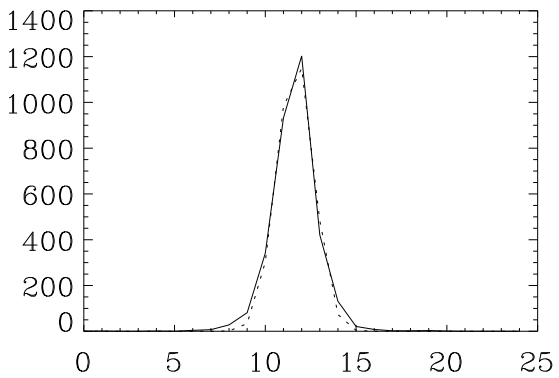
Brightest pixel – All grades H–IAI–PI–2.013





Standard grades





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

	Integrated	Analytical
All Y	2712.3788	2786.9335
Std Y	2712.3788	2786.9335
All Z	3053.7479	3028.7823
Std Z	3053.7479	3028.7823

	amplitude	offset	sigma	FWHM
All Y:	1252.0787	9.7306325	0.88798383	2.0903140
Std Y:	1252.0787	9.7306325	0.88798383	2.0903140
All Z:	1221.9496	11.652826	0.98883729	2.3277231
Std Z:	1221.9496	11.652826	0.98883729	2.3277231