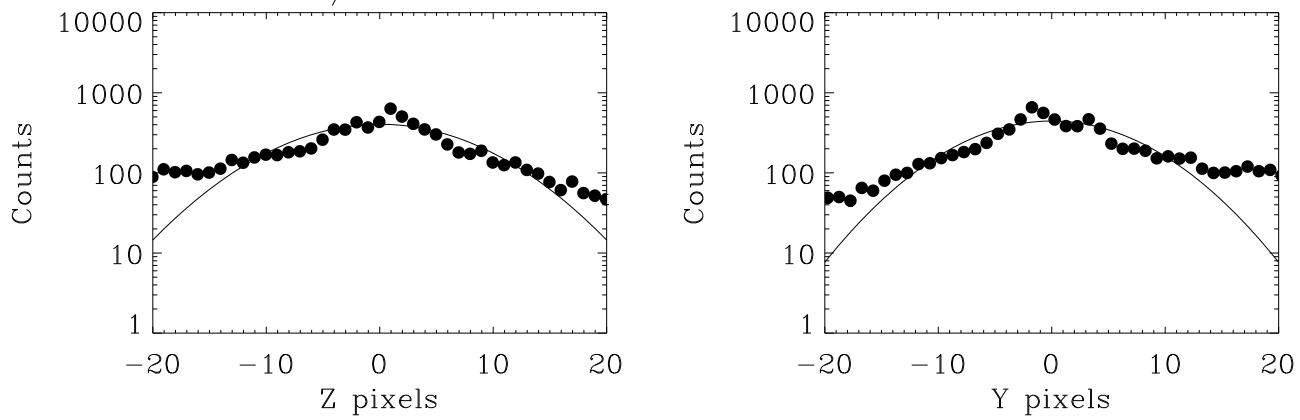
H−IAI−PI−2.002/H−IAI−PI−2.002.fits



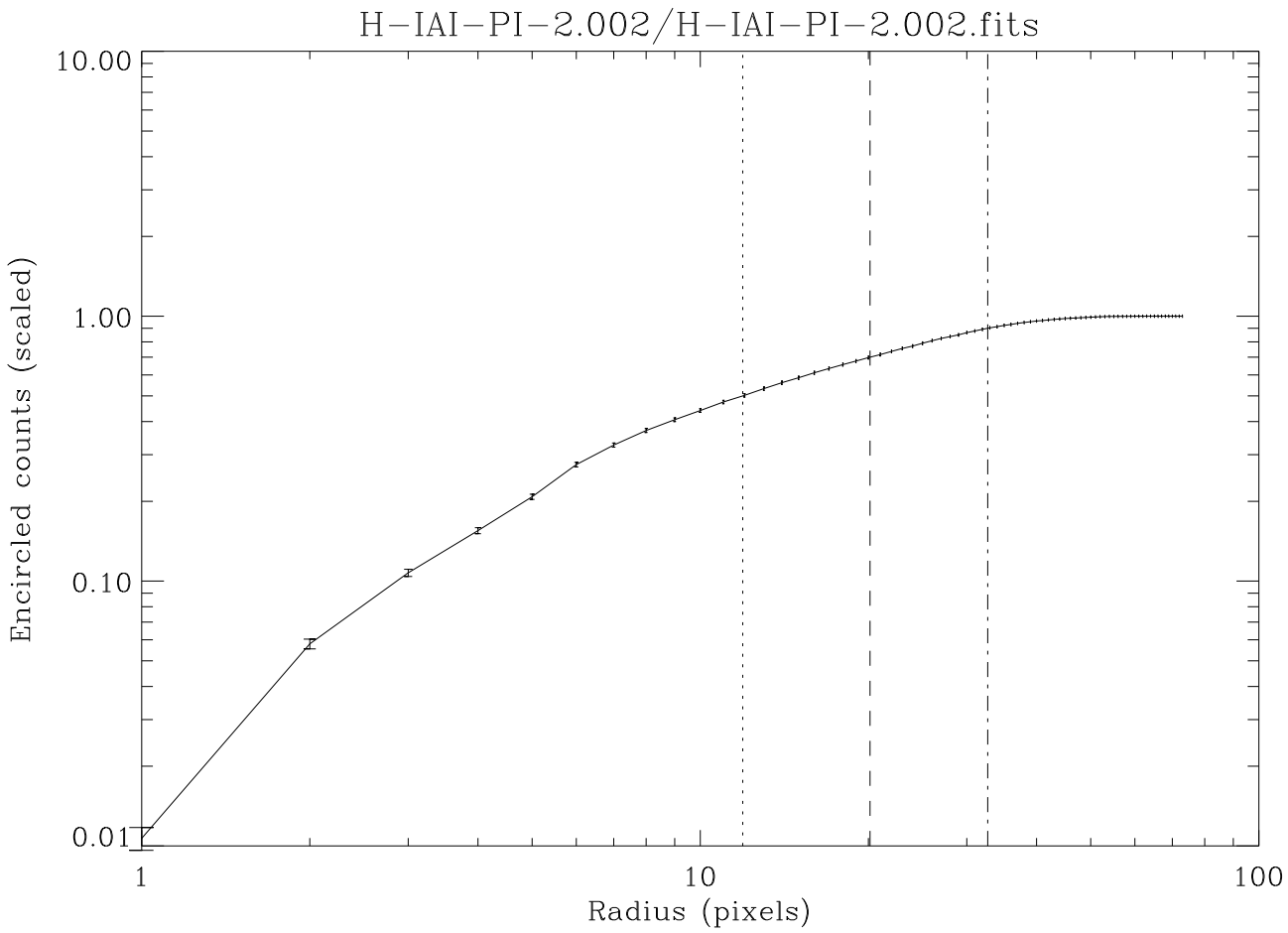
All measurements in pixels

Z gaussian FWHM = 18.252076

Y gaussian FWHM = 16.524348

Z fit parameters: Amplitude= 405 Offset= 50 Sigma= 7

Y fit parameters: Amplitude= 444 Offset= 27 Sigma= 7



Encircled energy radii in pixels

50% radius = 11.9126

70% radius = 20.1324

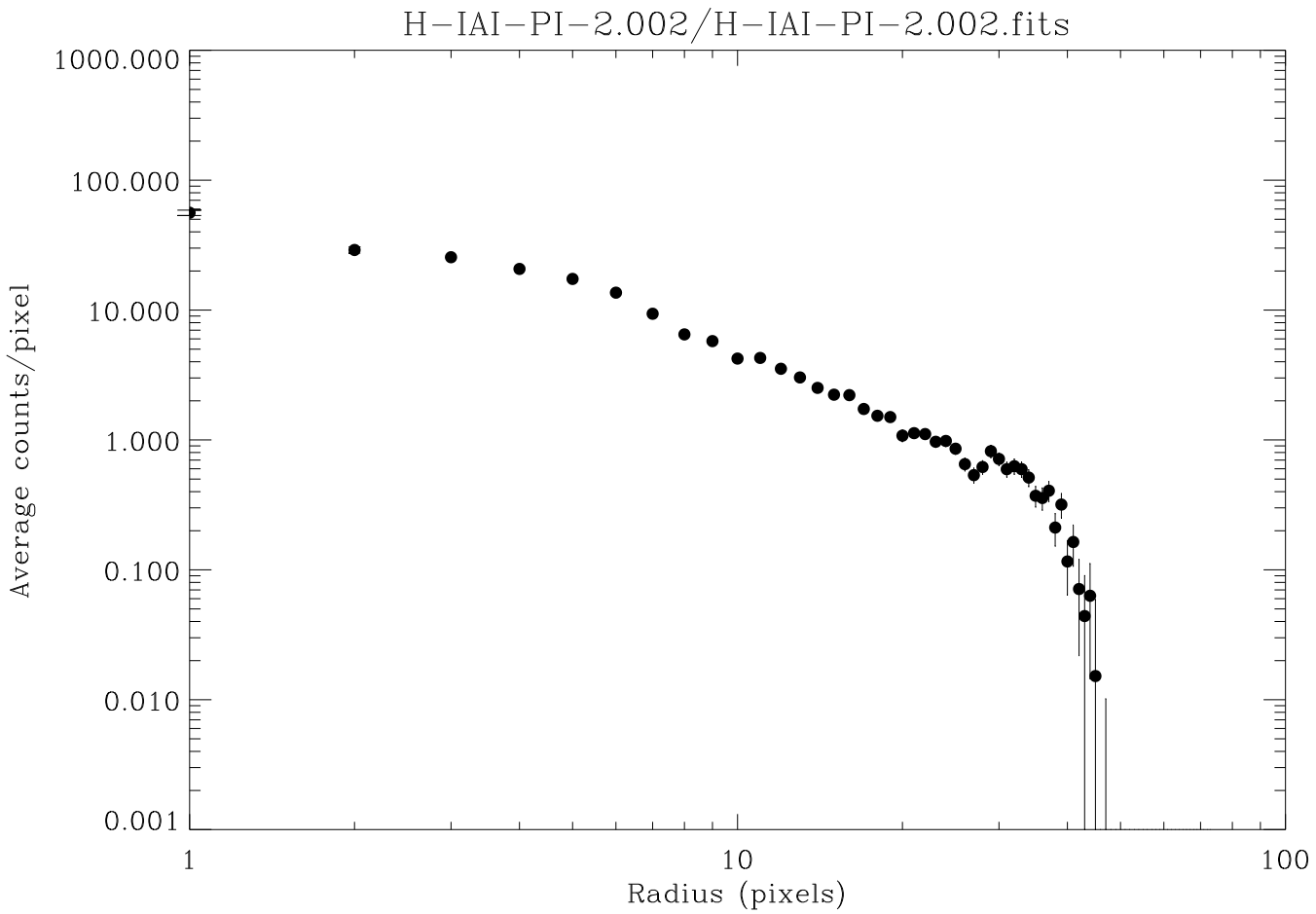
90% radius = 32.7036

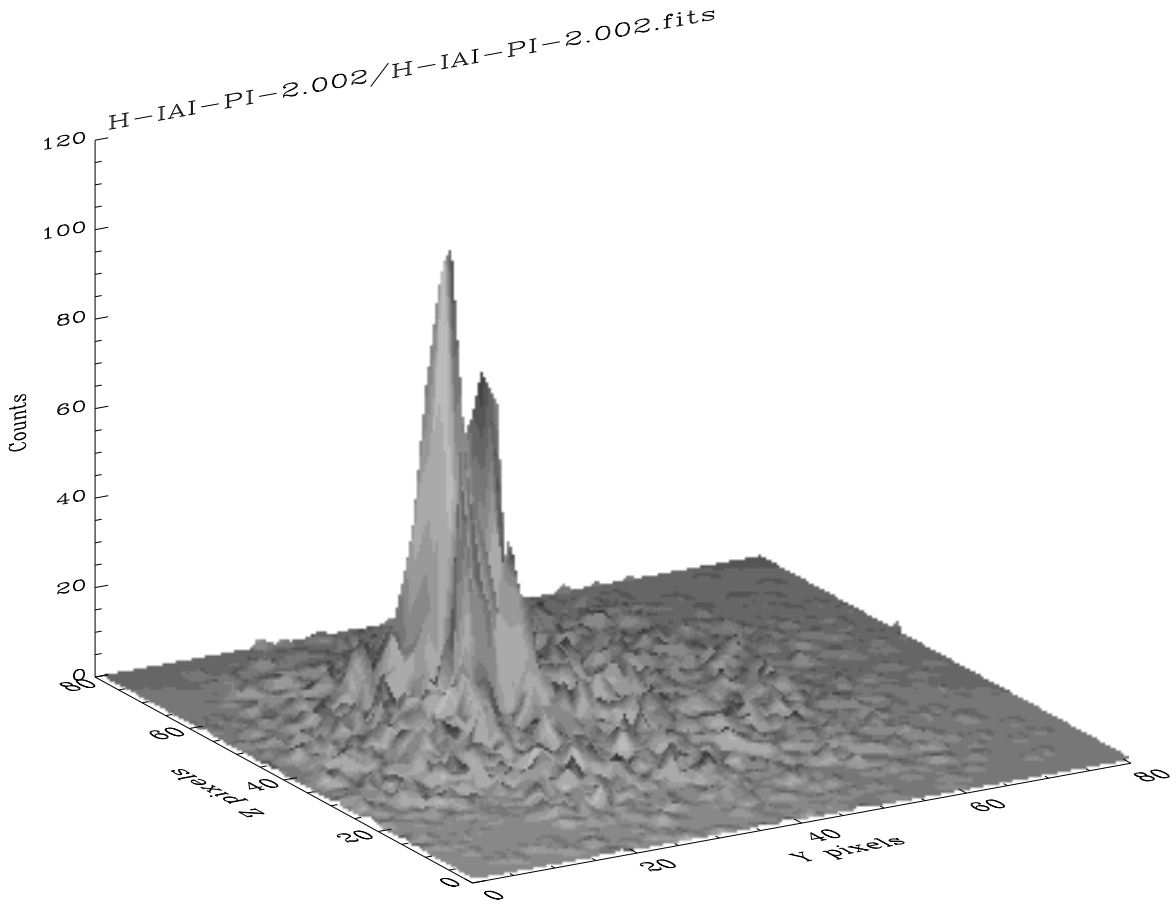
Encircled energy radii in microns

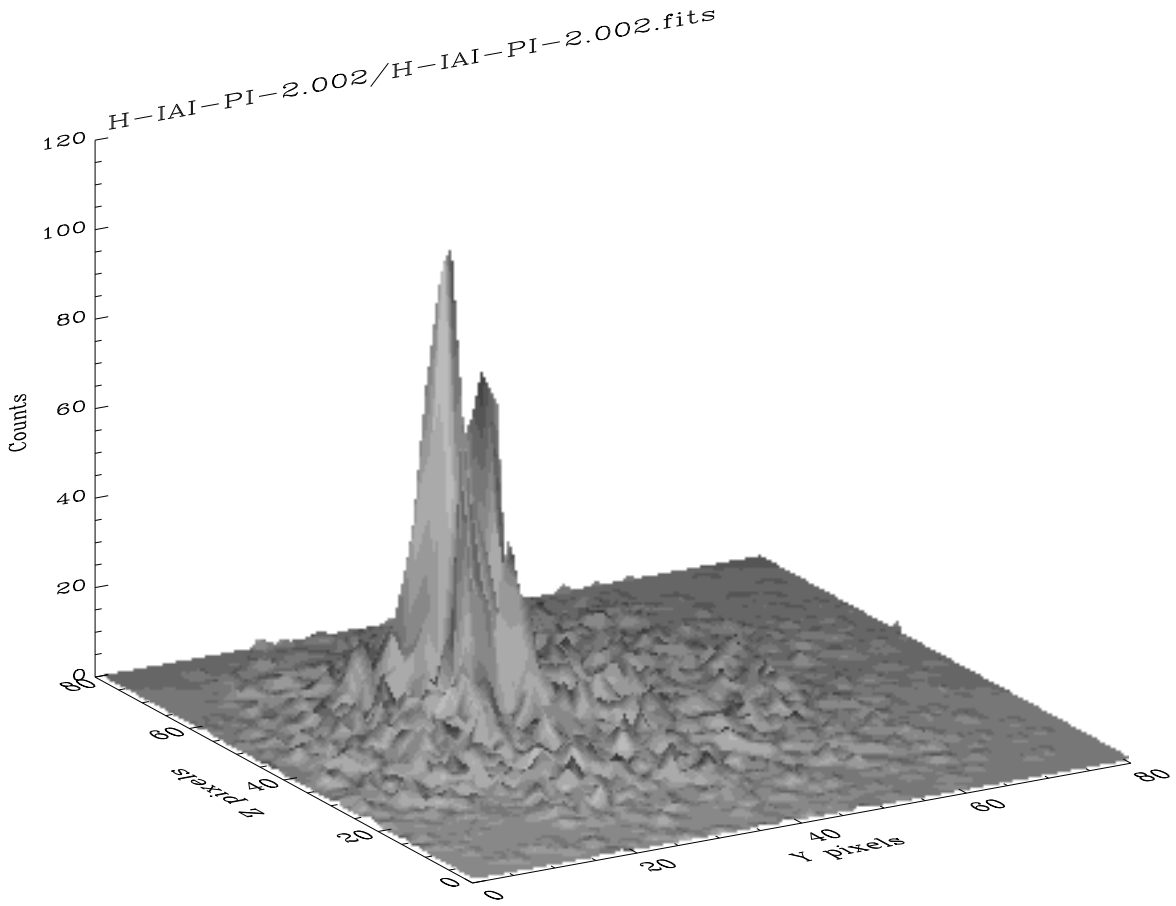
50% radius = 285.903

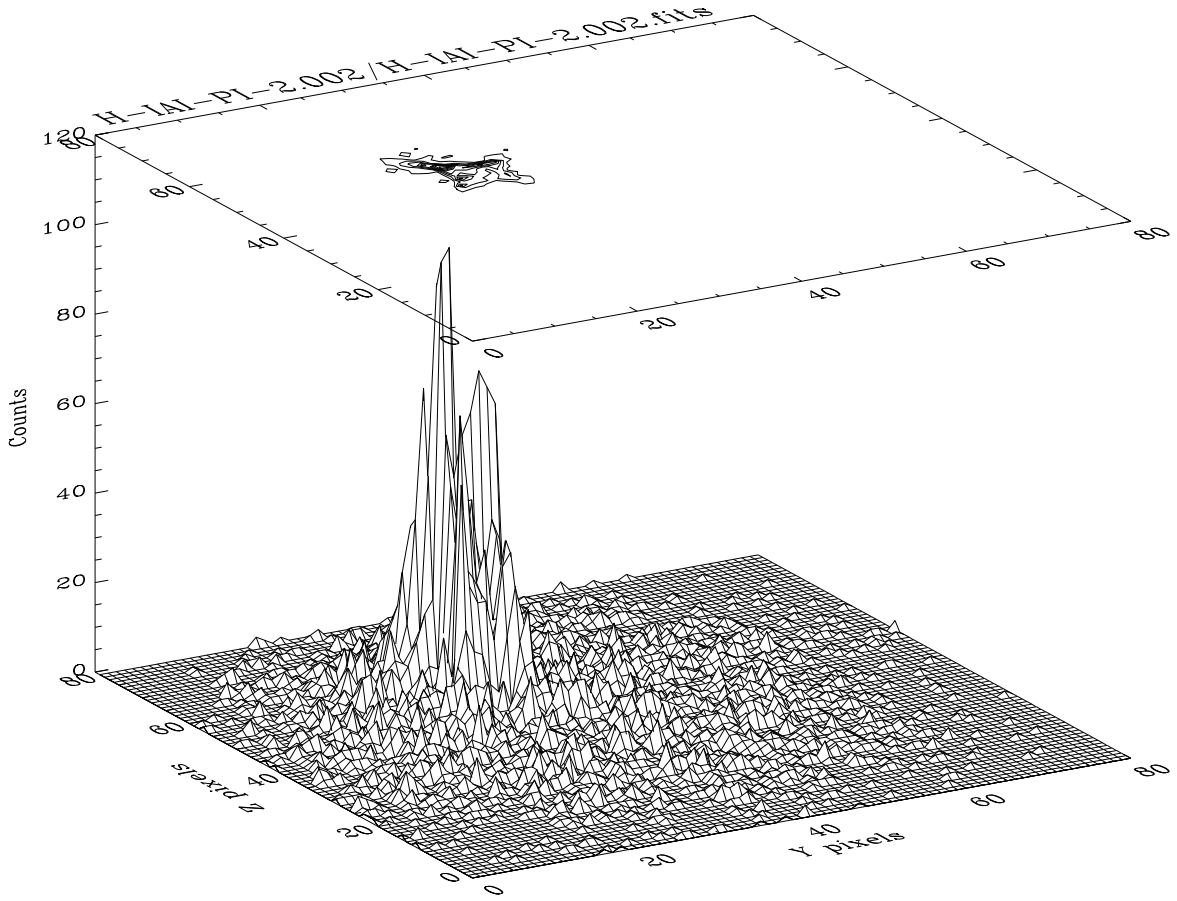
70% radius = 483.177

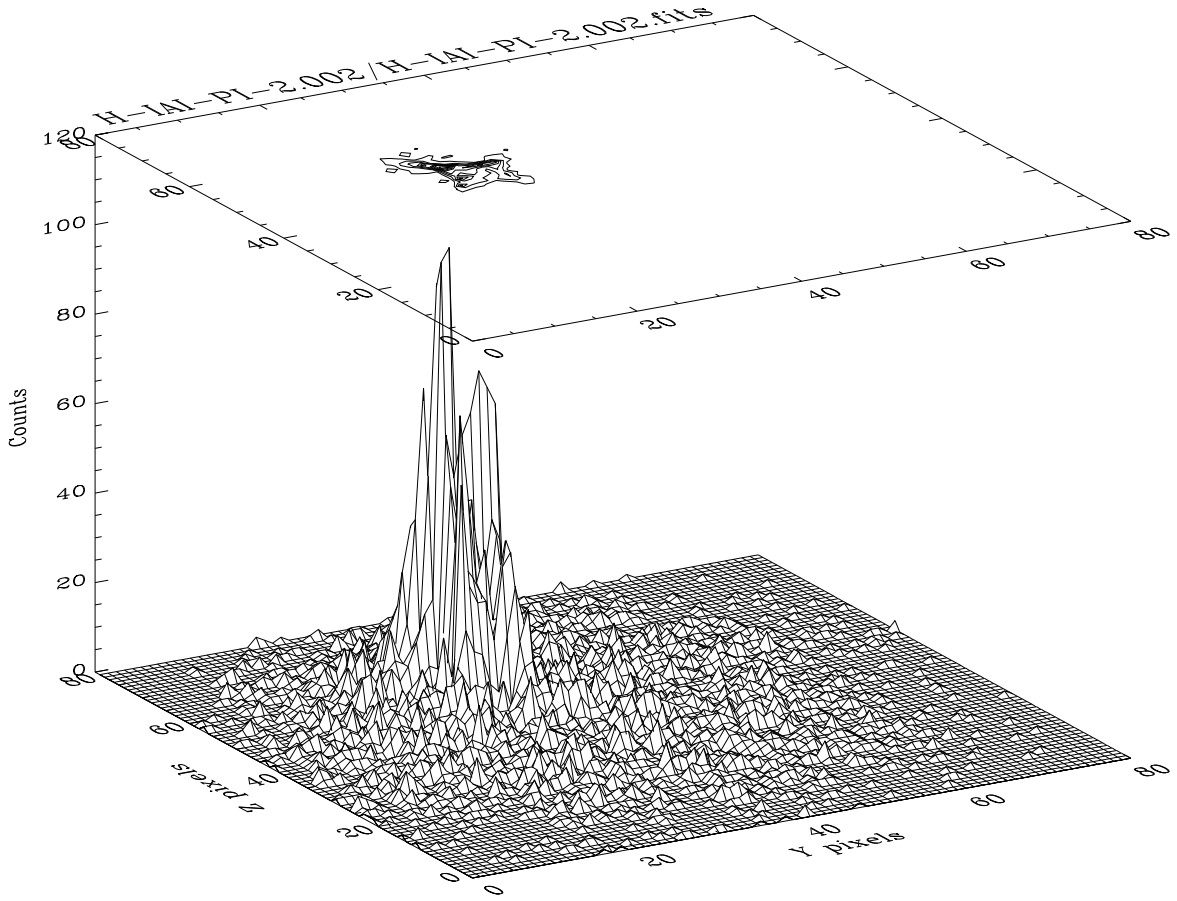
90% radius = 784.886

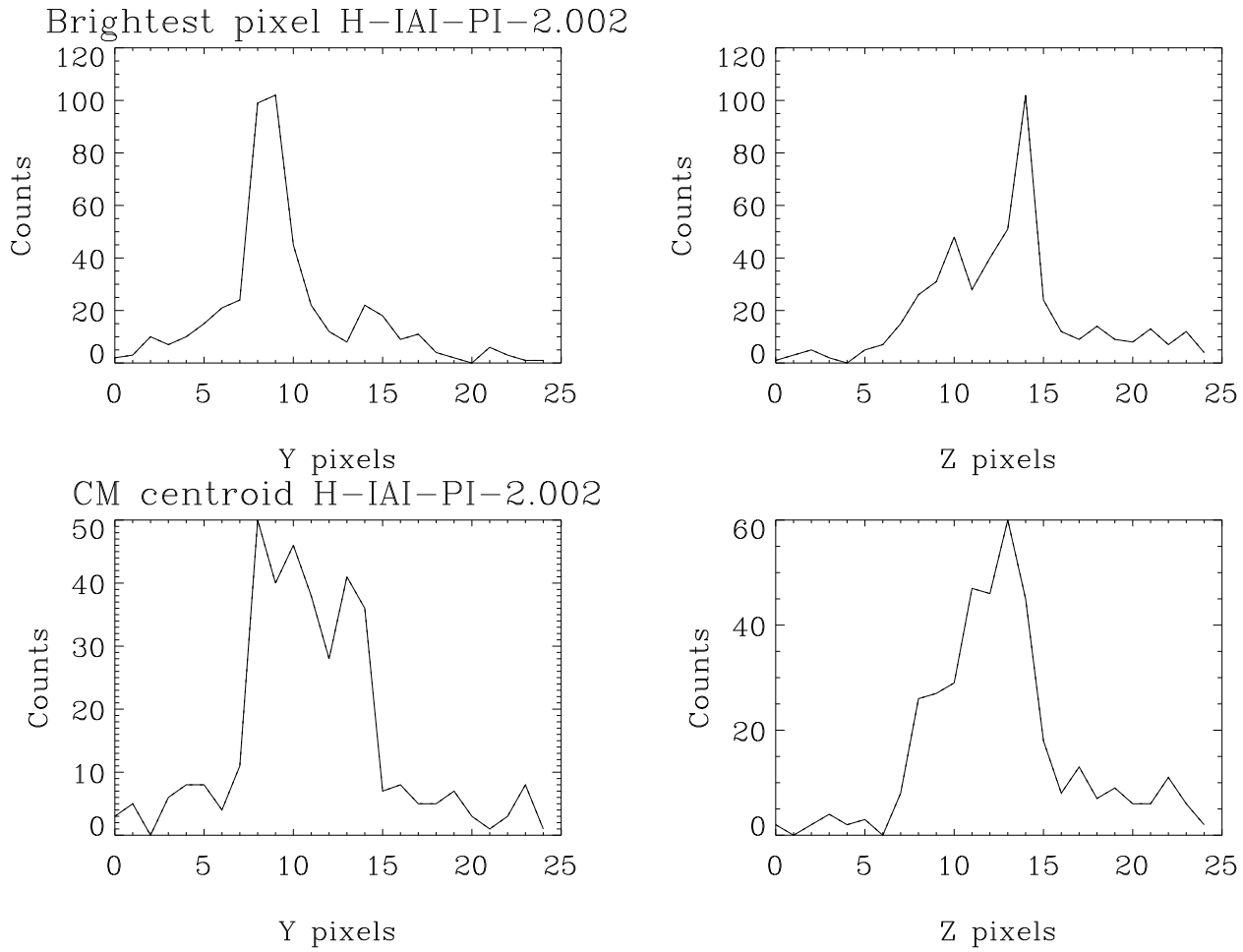

H−IAI−PI−2.002/H−IAI−PI−2.002.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H−IAI−PI−2.002/H−IAI−PI−2.002.fits
Counts
120
100
80
60
40
20
0
X pixels
Y pixels
0
20
40
60
80


H−IAI−PI−2.002/H−IAI−PI−2.002.fits
Counts
120
100
80
60
40
20
0
X pixels
Y pixels
0
20
40
60
80


H-1A1-P1-2.002/H-1A1-P1-2.002.fits
Counts
X pixels
Y pixels
0
20
40
60
80
100
120


H-1A1-P1-2.002/H-1A1-P1-2.002.fits
Counts
X pixels
Y pixels
0
20
40
60
80
100
120



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

Brightest pixel (Y,Z)

All grades	9	14
Std. grades	9	14

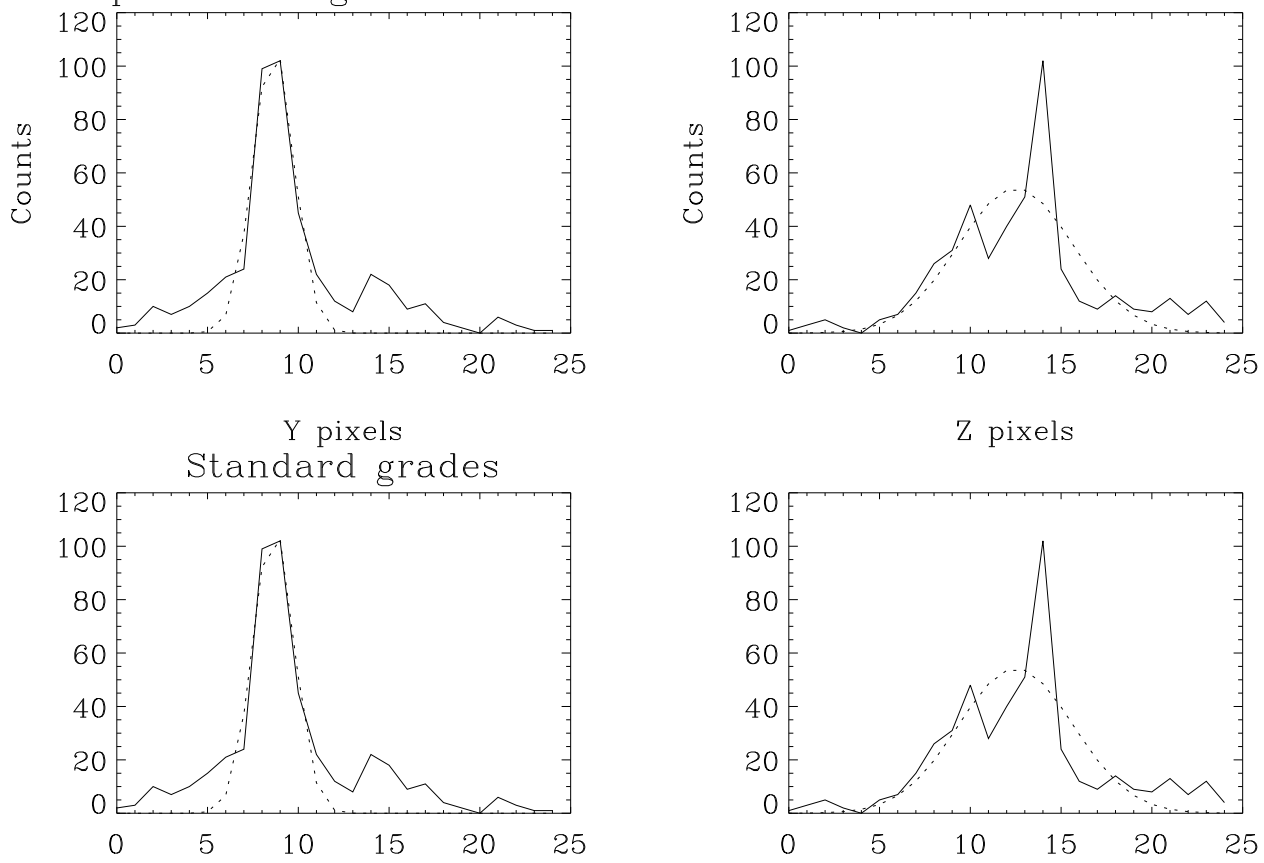
CM Centroid (Y,Z)

All grades	10.2561	12.2520
Std. grades	10.2561	12.2520

Brightest pixel maxima

All grades:	102
Std. grades:	102

Brightest pixel – All grades H–IAI–PI–2.002



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

	Integrated	Analytical
All Y	304.62964	302.82259
Std Y	304.62964	302.82259
All Z	431.04777	431.12876
Std Z	431.04777	431.12876

	amplitude	offset	sigma	FWHM
All Y:	108.34648	8.6330180	1.1150222	2.6247623
Std Y:	108.34648	8.6330180	1.1150222	2.6247623
All Z:	54.182267	12.506095	3.1743871	7.4725076
Std Z:	54.182267	12.506095	3.1743871	7.4725076