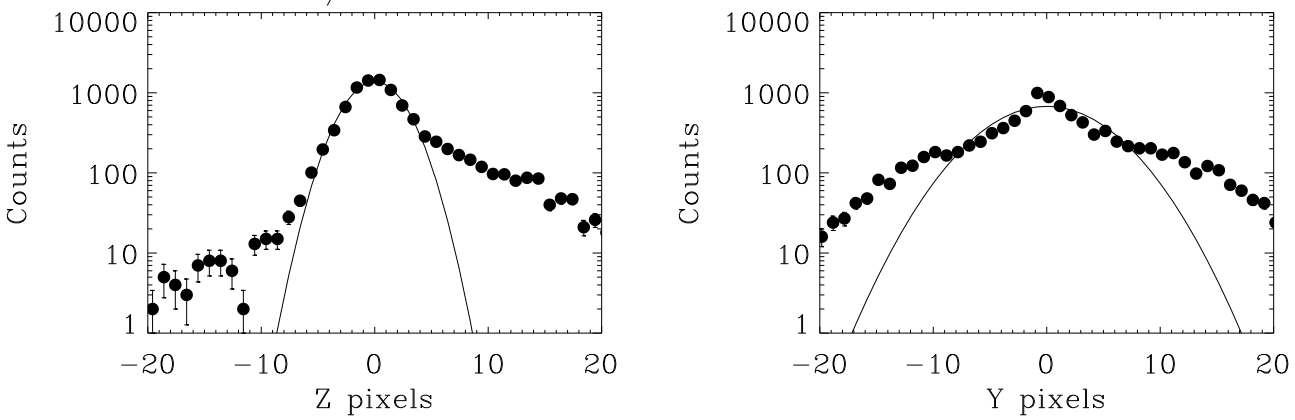
H−IAI−PI−2.024/H−IAI−PI−2.024.fits



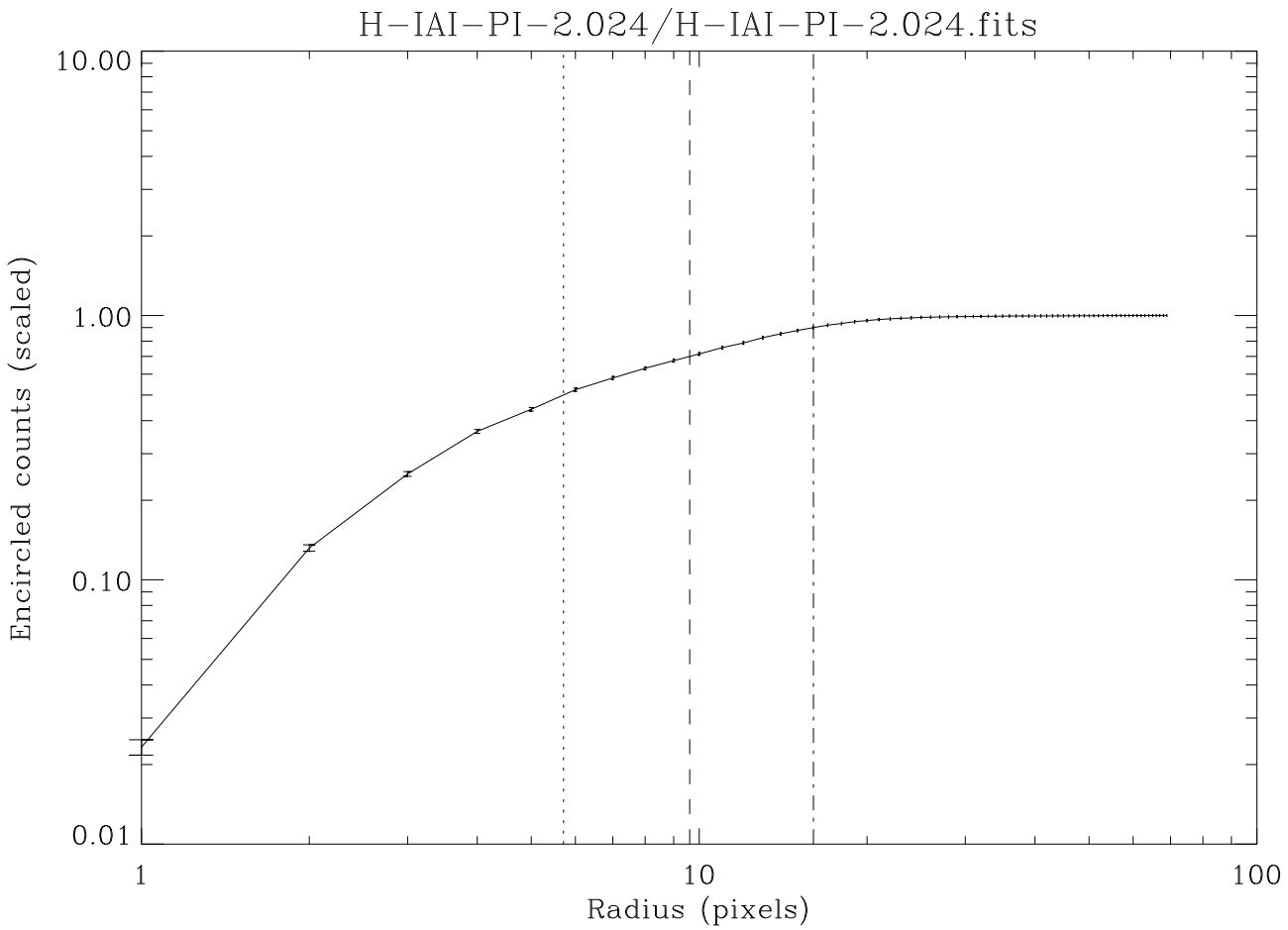
All measurements in pixels

Z gaussian FWHM = 5.3334247

Y gaussian FWHM = 11.193167

Z fit parameters: Amplitude= 1415 Offset= 31 Sigma= 2

Y fit parameters: Amplitude= 677 Offset= 49 Sigma= 4



Encircled energy radii in pixels

50% radius = 5.71086

70% radius = 9.61717

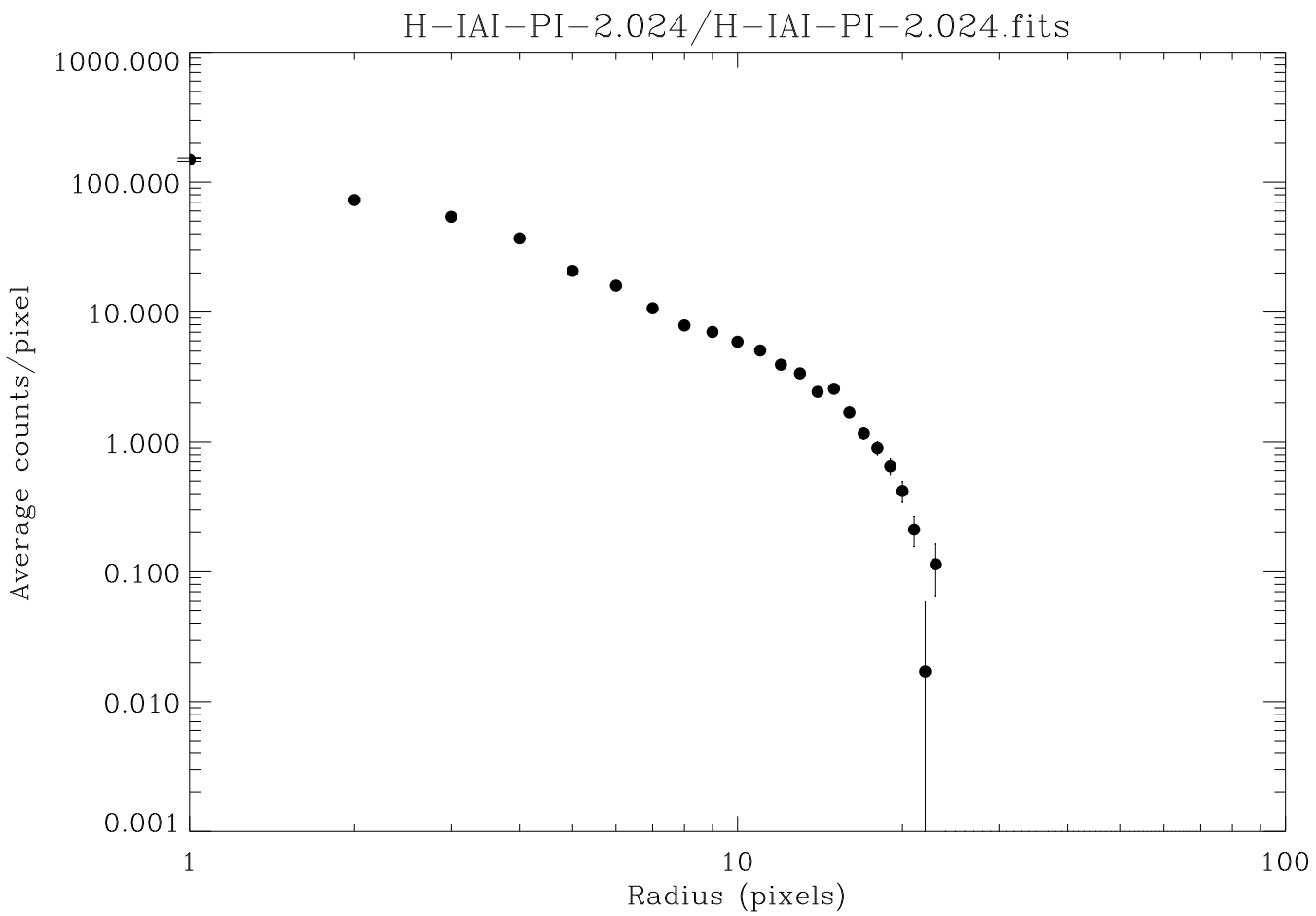
90% radius = 16.0254

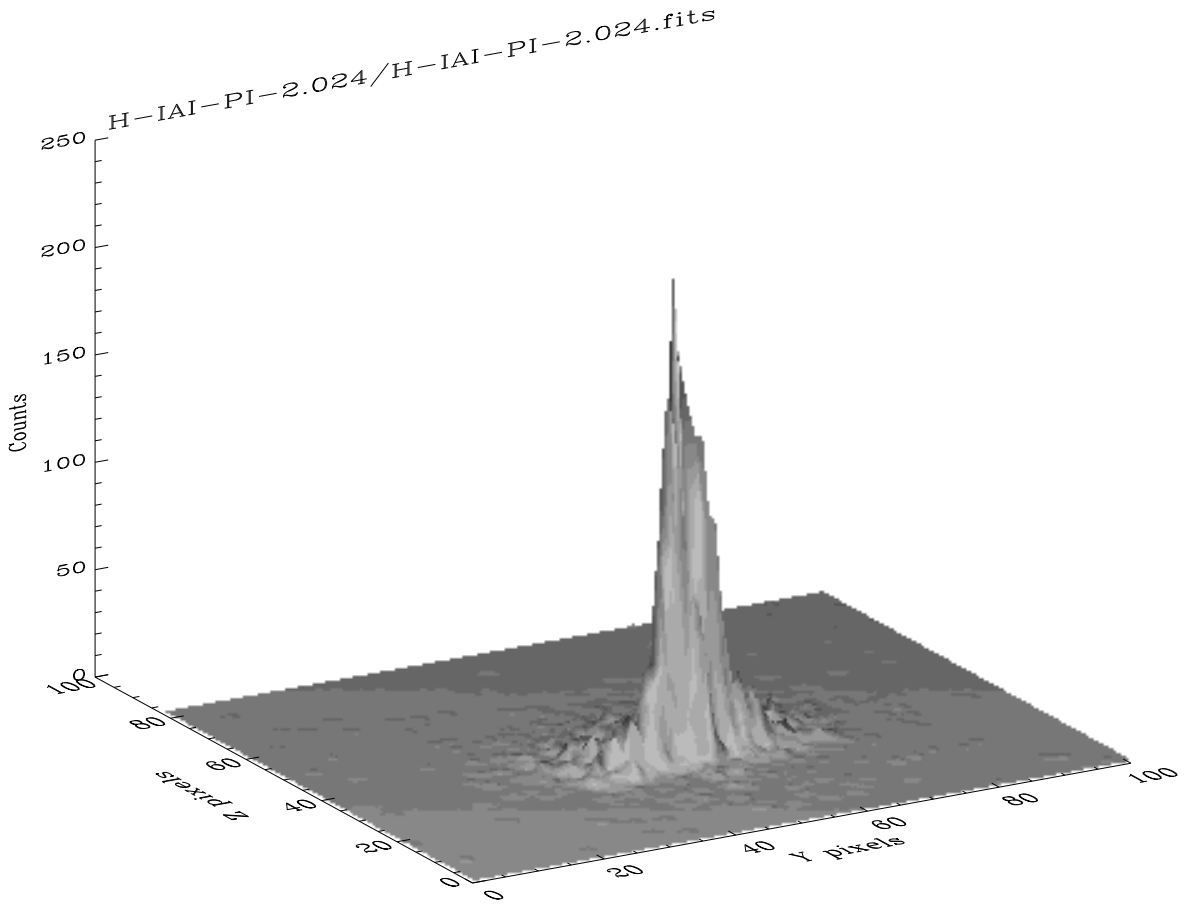
Encircled energy radii in microns

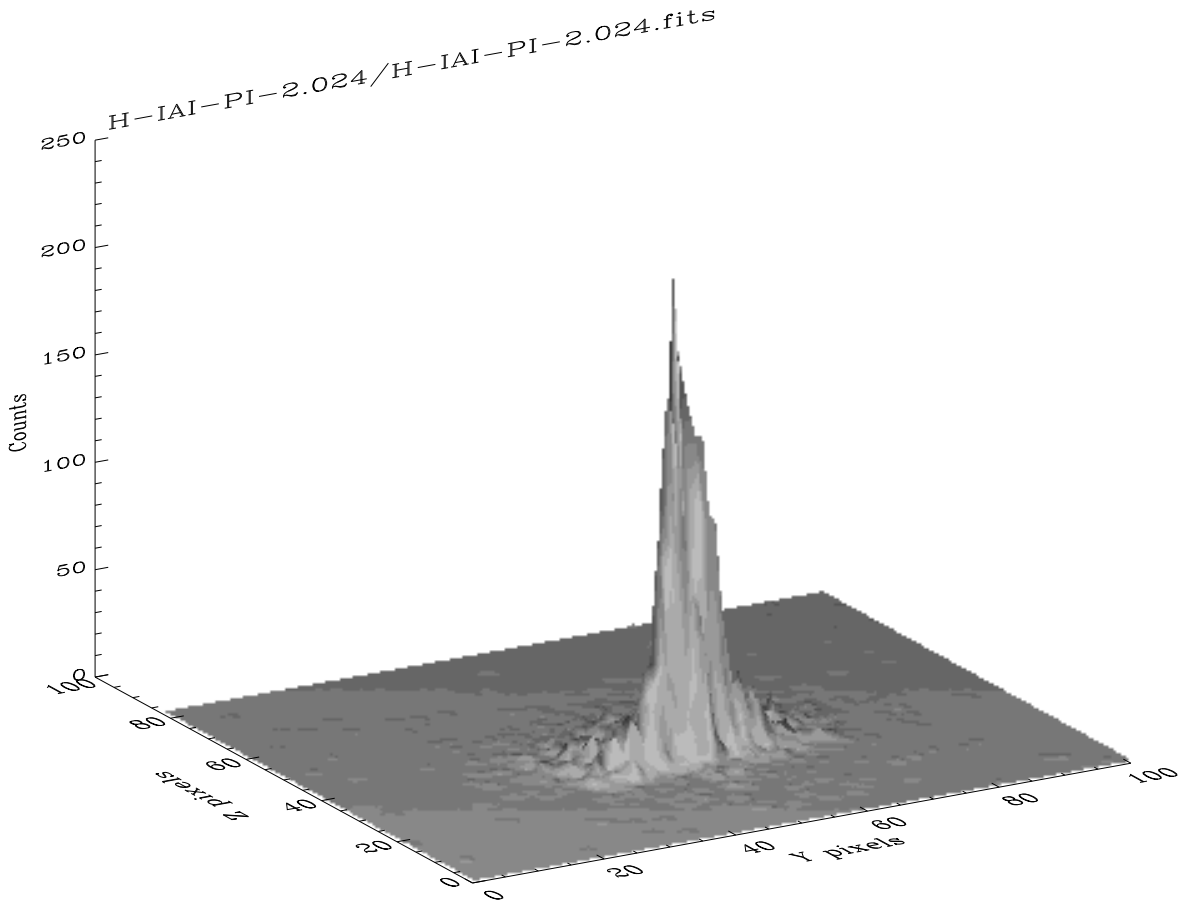
50% radius = 137.061

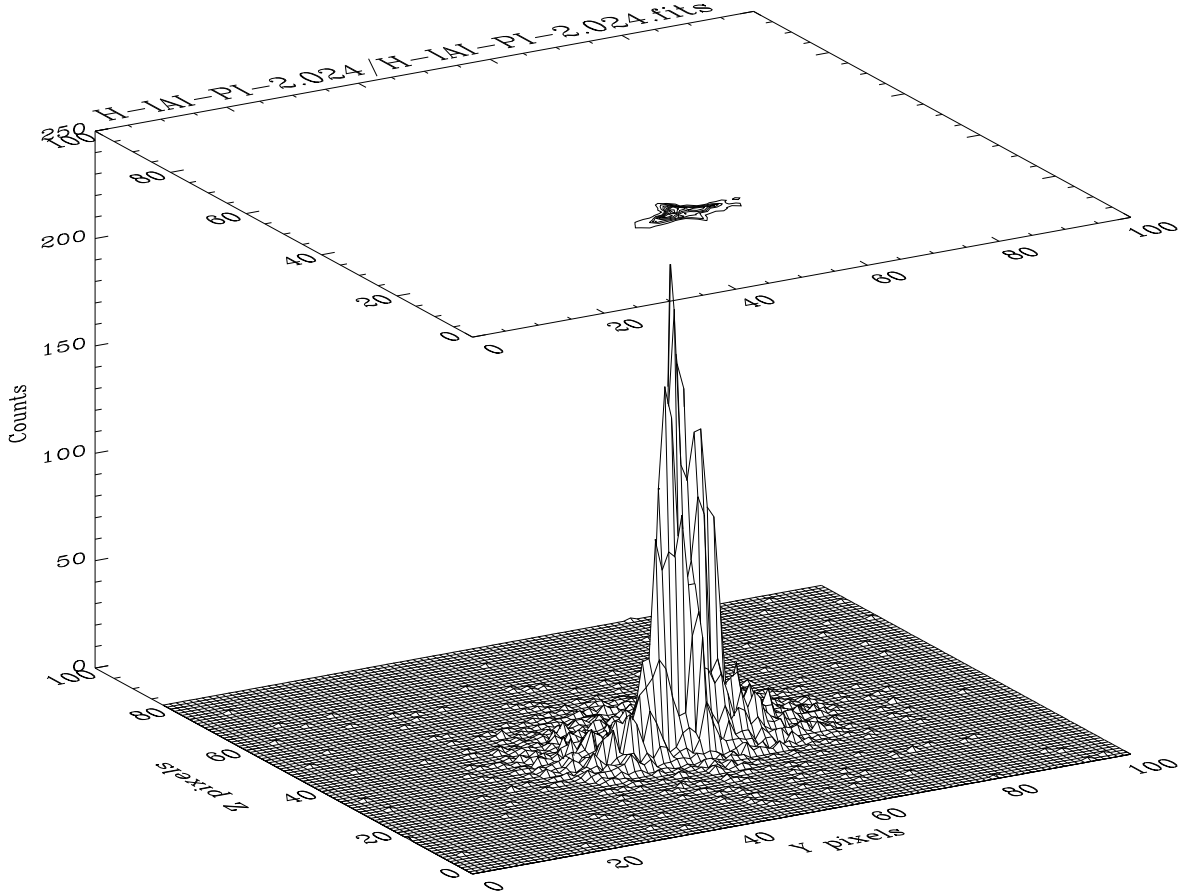
70% radius = 230.812

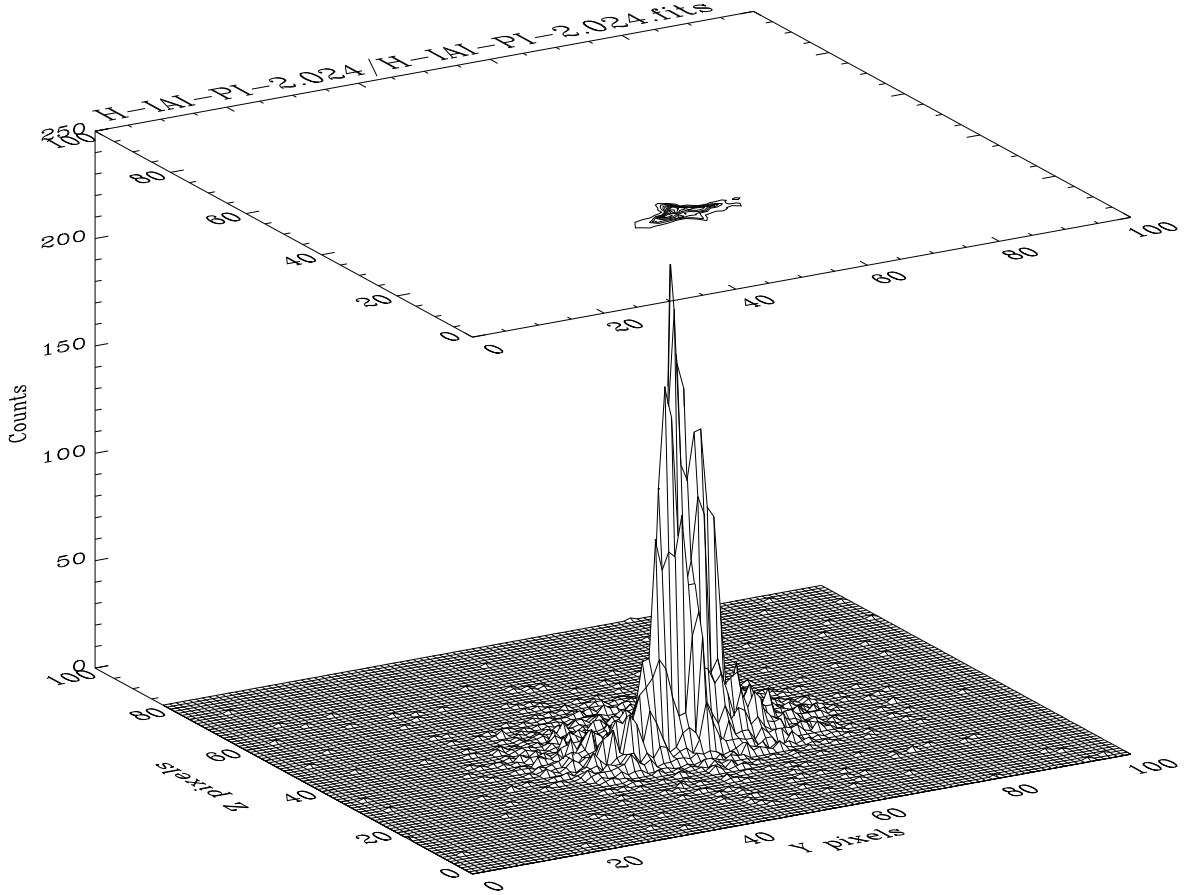
90% radius = 384.609

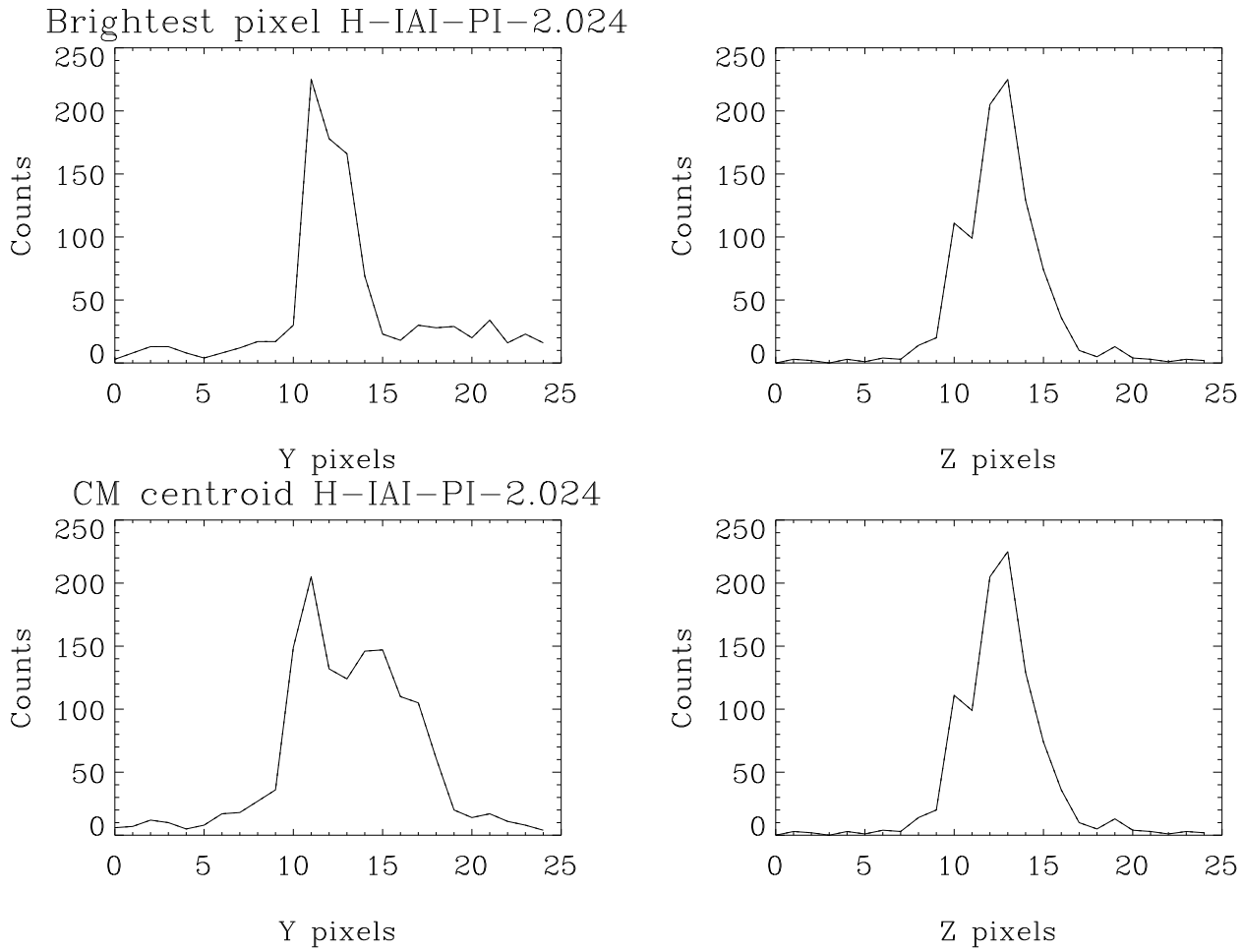

H−IAI−PI−2.024/H−IAI−PI−2.024.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H−IAI−PI−2.024/H−IAI−PI−2.024.fits
Counts
250
200
150
100
50
0
Z pixels
100
80
60
40
20
0
0
20
40
60
80
100
Y pixels


H−IAI−PI−2.024/H−IAI−PI−2.024.fits
Counts
250
200
150
100
50
0
Z pixels
100
80
60
40
20
0
0
20
40
60
80
100
Y pixels


H-1AI-P1-2.024/H-1AI-P1-2.024.fits
Counts
X pixels
Y pixels
0
20
40
60
80
100
150
200
250


H-1AI-P1-2.024/H-1AI-P1-2.024.fits
Counts
X pixels
Y pixels
0
20
40
60
80
100
150
200
250



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

Brightest pixel (Y,Z)

All grades	11	13
Std. grades	11	13

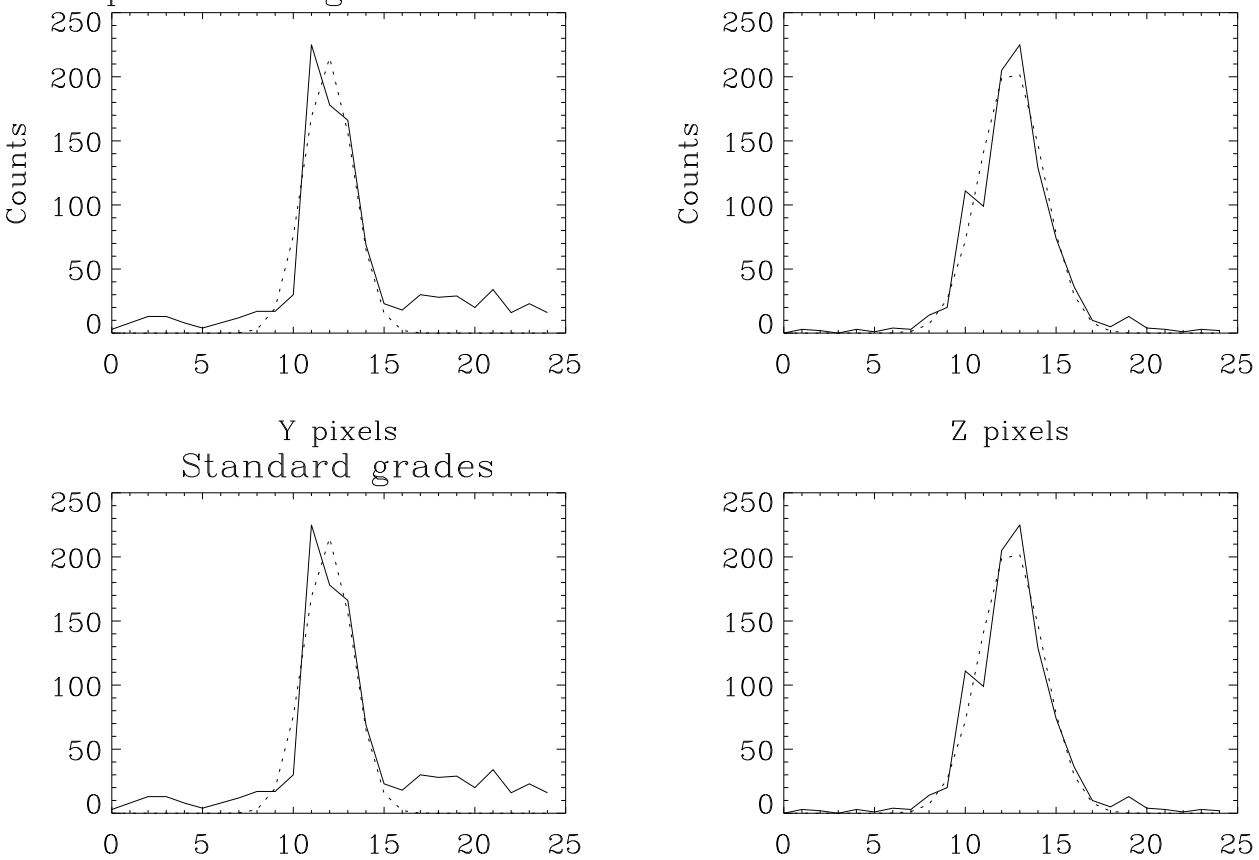
CM Centroid (Y,Z)

All grades	11.9631	12.2106
Std. grades	11.9631	12.2106

Brightest pixel maxima

All grades:	225
Std. grades:	225

Brightest pixel – All grades H–IAI–PI–2.024



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

	Integrated	Analytical
All Y	724.78920	721.37196
Std Y	724.78920	721.37196
All Z	912.67604	912.05272
Std Z	912.67604	912.05272

	amplitude	offset	sigma	FWHM
All Y:	215.11287	11.932664	1.3378361	3.1492664
Std Y:	215.11287	11.932664	1.3378361	3.1492664
All Z:	208.63362	12.545046	1.7439969	4.1053688
Std Z:	208.63362	12.545046	1.7439969	4.1053688