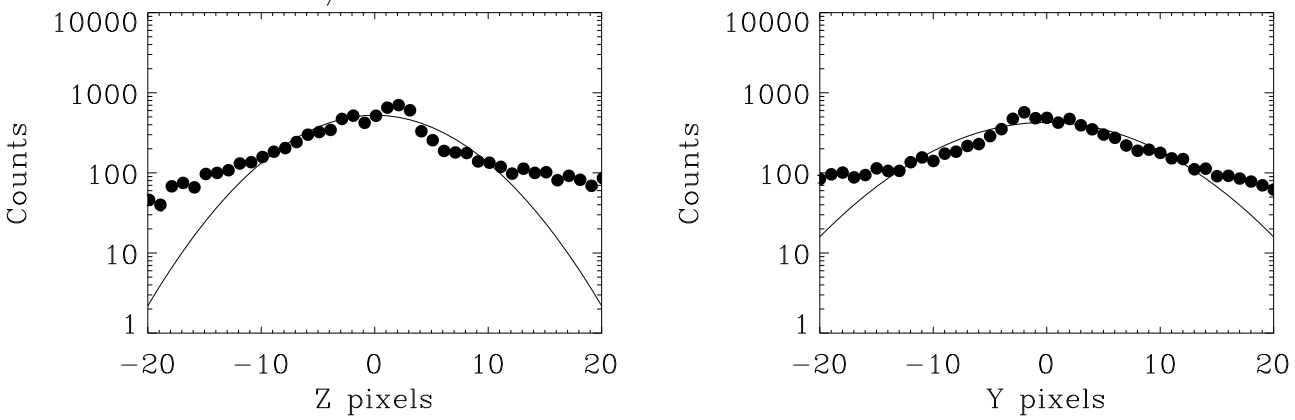
H−IAI−PI−2.023/H−IAI−PI−2.023.fits



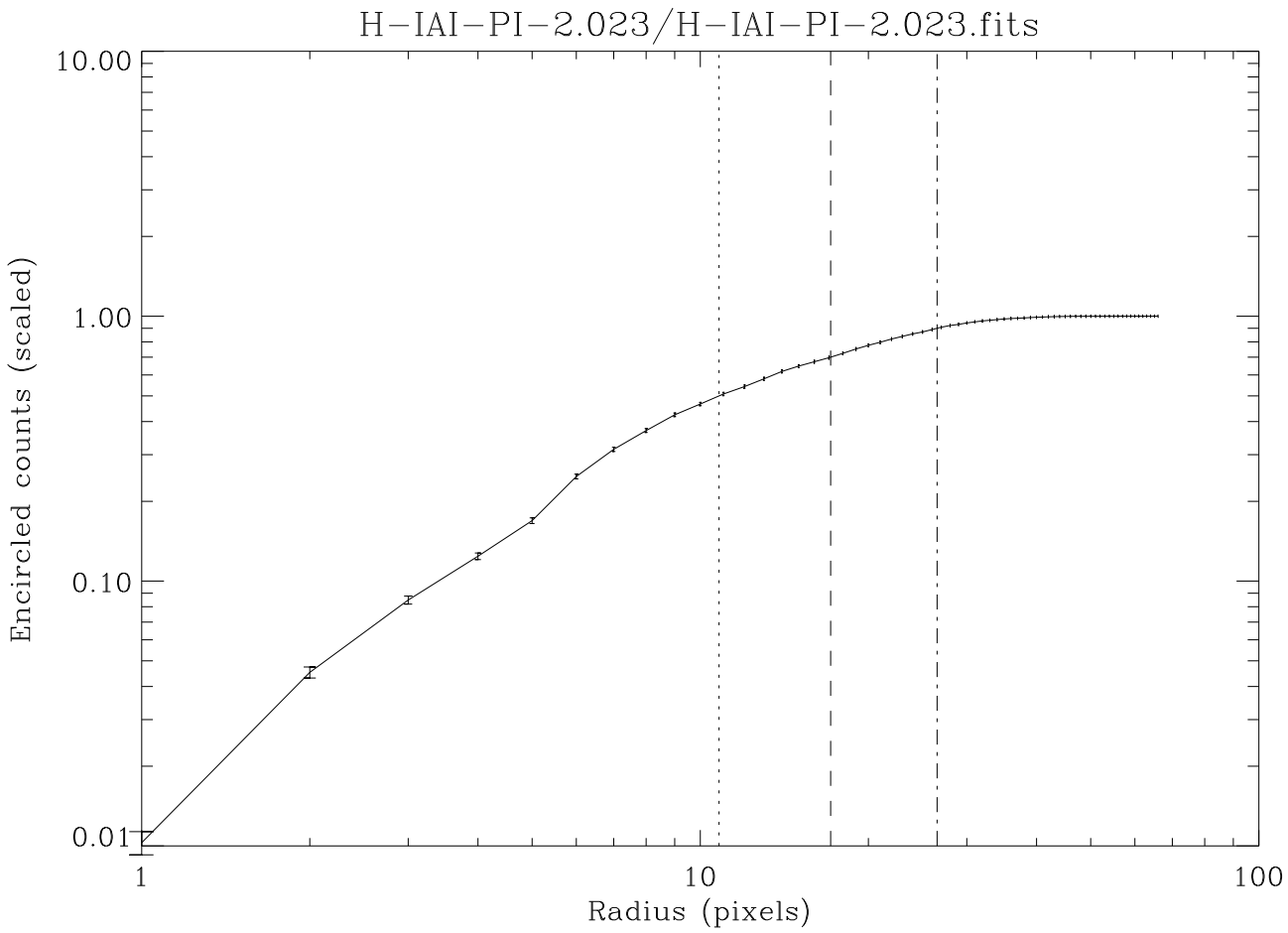
All measurements in pixels

Z gaussian FWHM = 14.224231

Y gaussian FWHM = 18.352427

Z fit parameters: Amplitude= 525 Offset= 32 Sigma= 6

Y fit parameters: Amplitude= 428 Offset= 48 Sigma= 7



Encircled energy radii in pixels

50% radius = 10.8047

70% radius = 17.1149

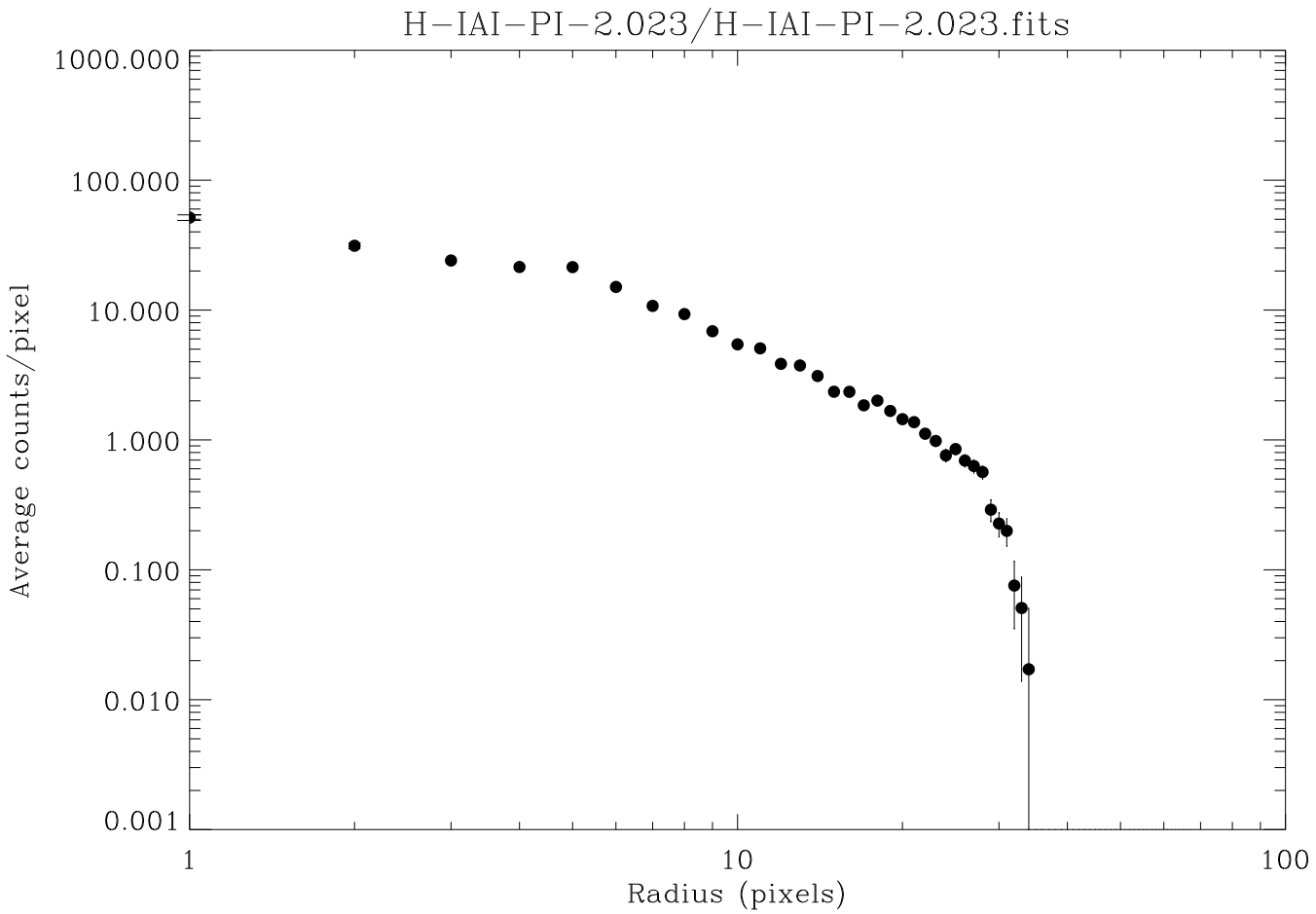
90% radius = 26.5433

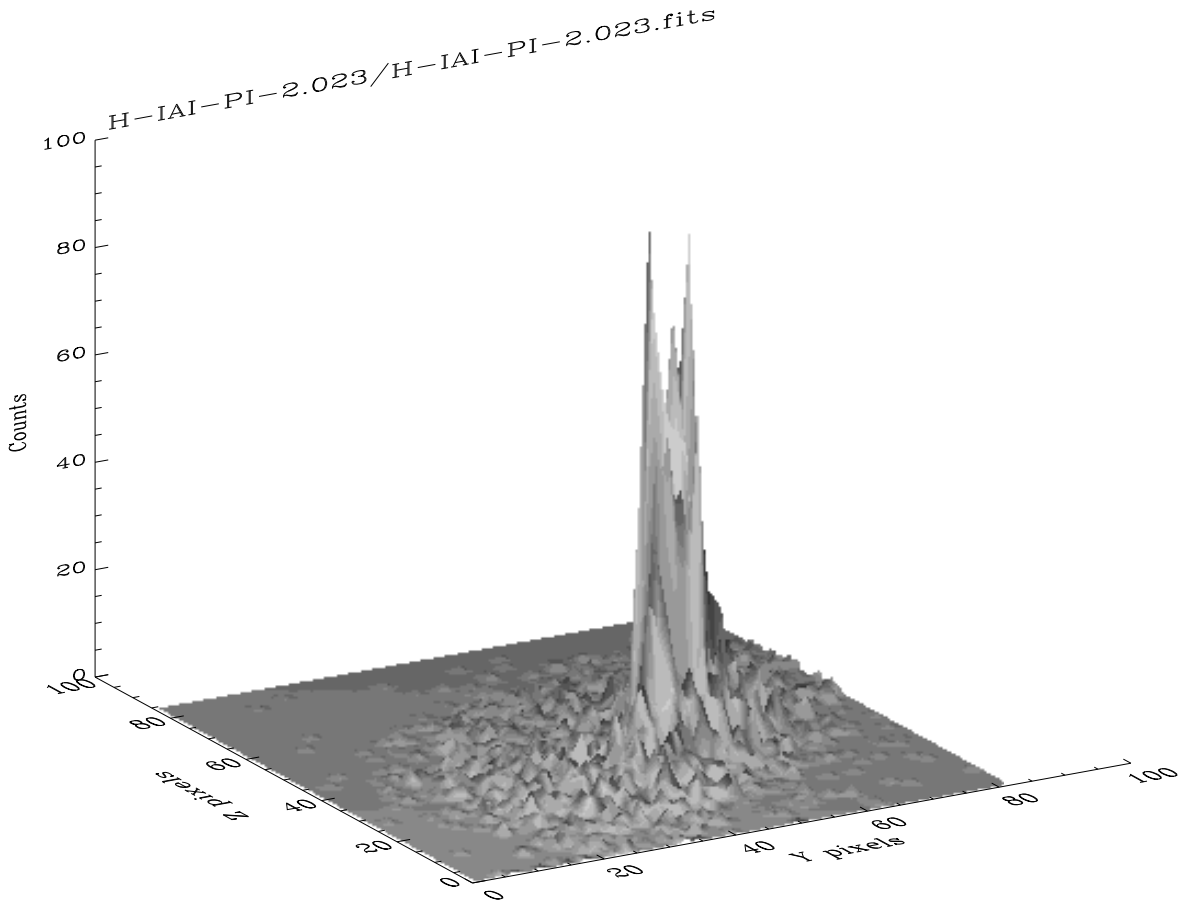
Encircled energy radii in microns

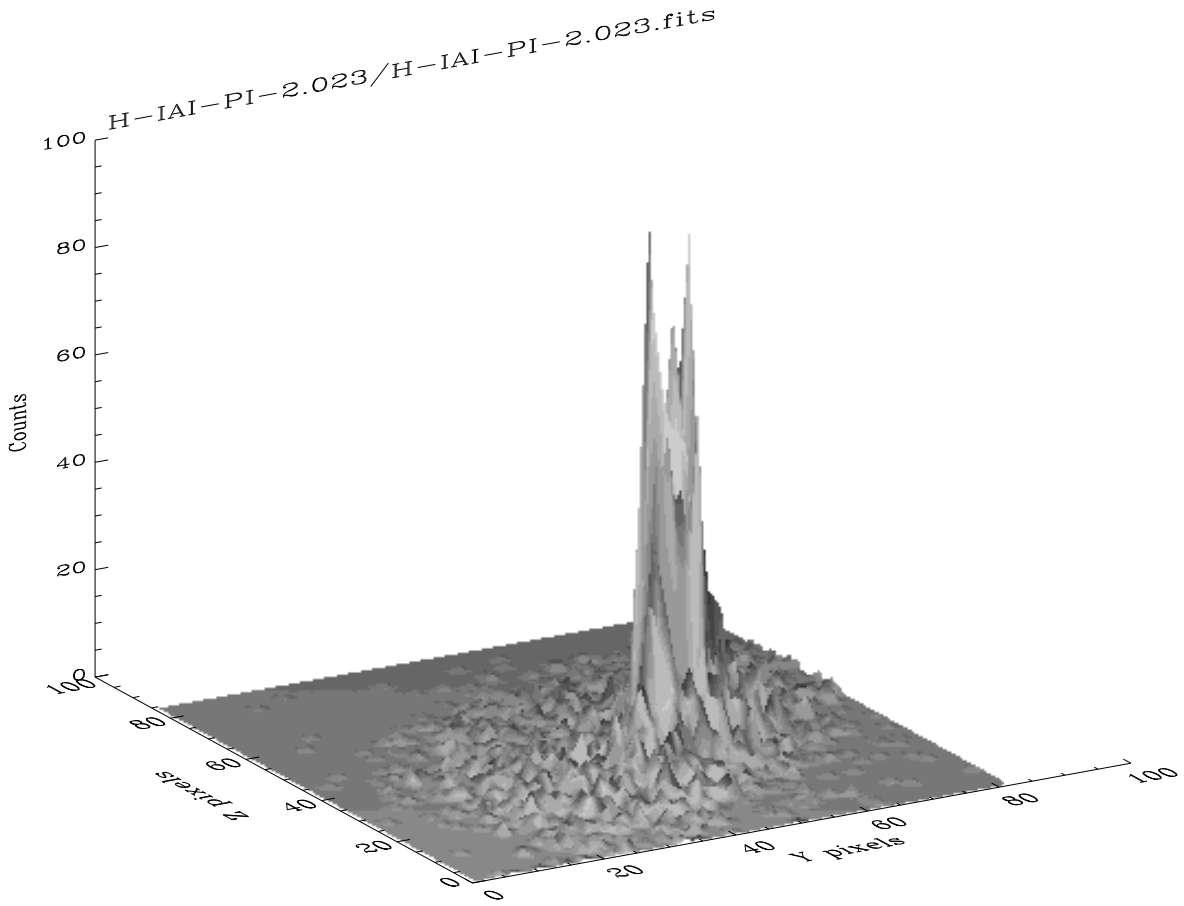
50% radius = 259.312

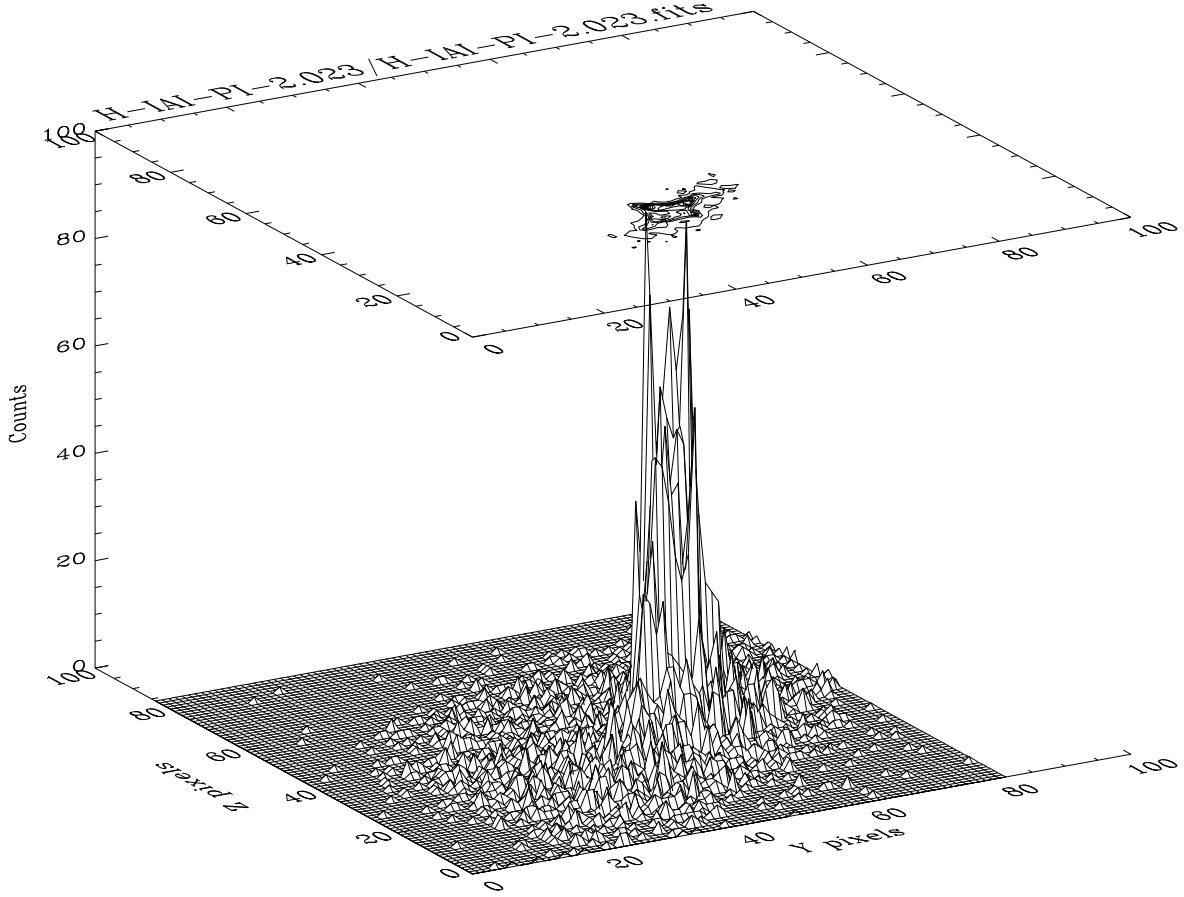
70% radius = 410.757

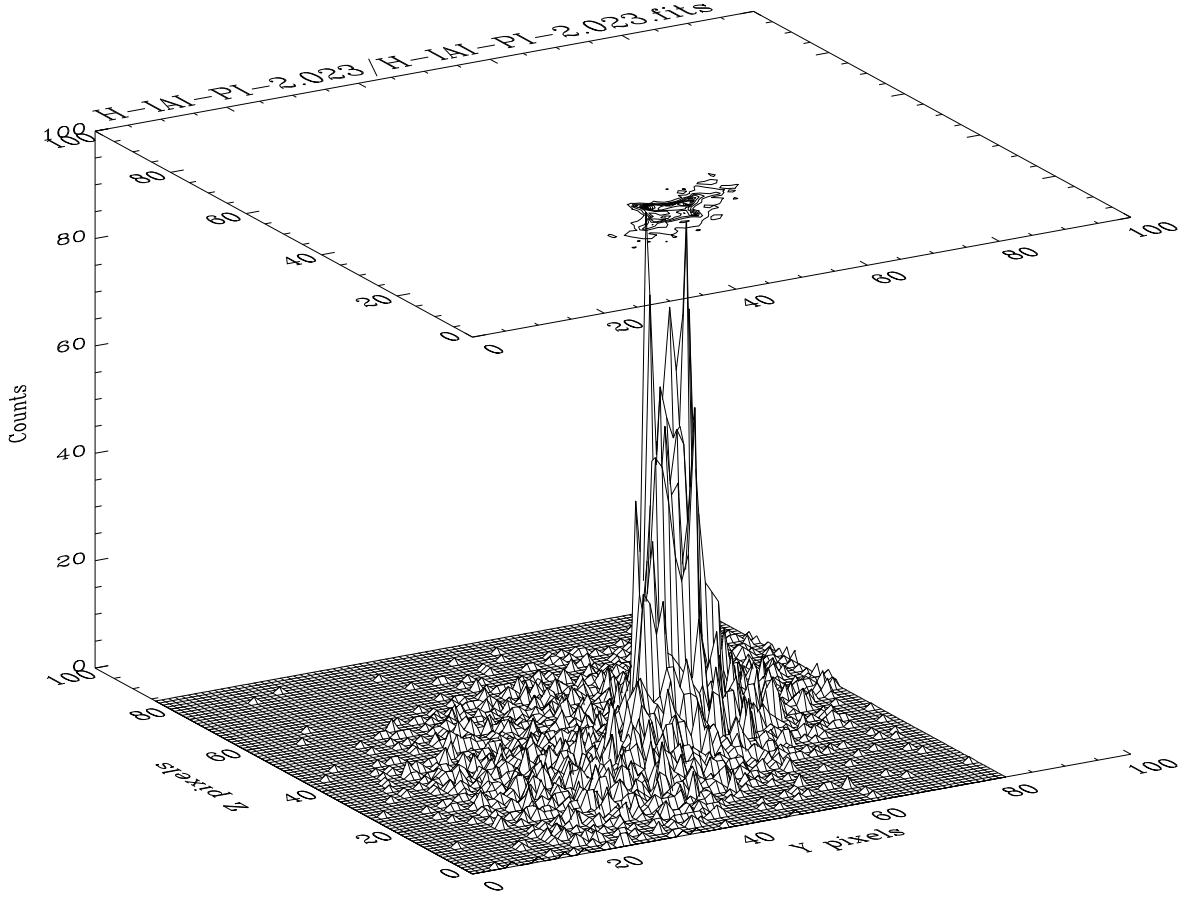
90% radius = 637.038

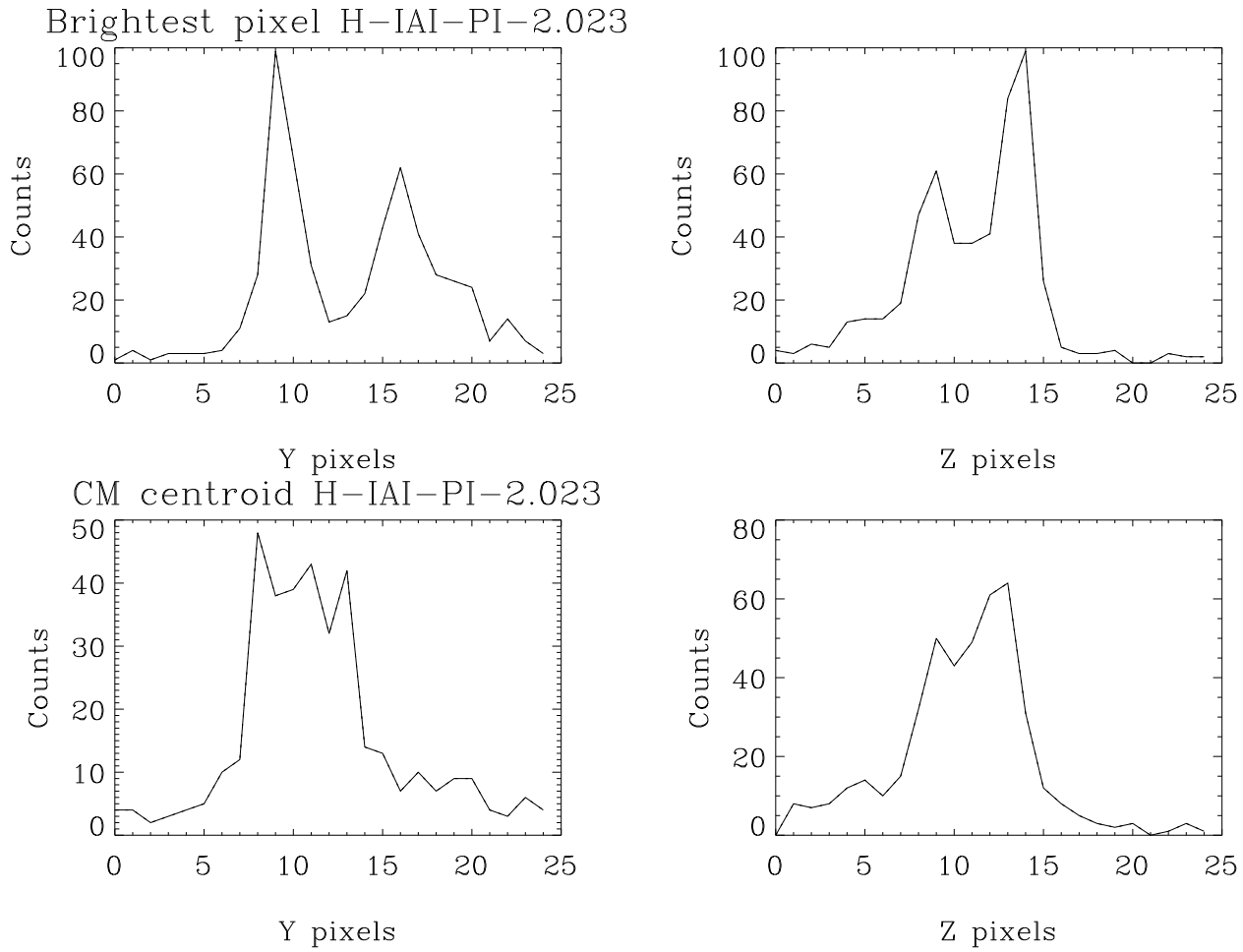

H−IAI−PI−2.023/H−IAI−PI−2.023.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H−IAI−PI−2.023/H−IAI−PI−2.023.fits
Counts
100
80
60
40
20
0
Z pixels
Y pixels
0
20
40
60
80
100


H−IAI−PI−2.023/H−IAI−PI−2.023.fits
Counts
100
80
60
40
20
0
Z pixels
Y pixels
0
20
40
60
80
100


H-1AI-P1-2.023/H-1AI-P1-2.023.fits
Counts
X pixels
Y pixels
0
20
40
60
80
100


H-1AI-P1-2.023/H-1AI-P1-2.023.fits
Counts
X pixels
Y pixels
0
20
40
60
80
100



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

Brightest pixel (Y,Z)

All grades	9	14
Std. grades	9	14

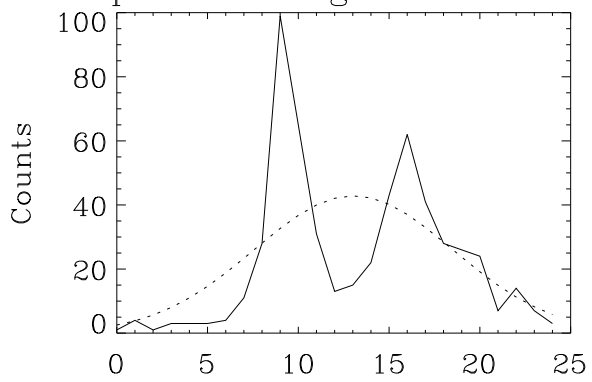
CM Centroid (Y,Z)

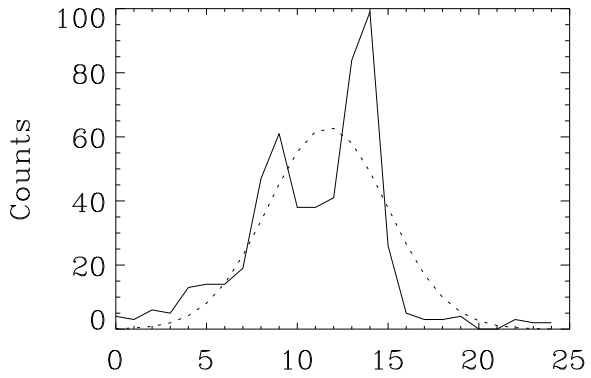
All grades	11.6104	10.9679
Std. grades	11.6104	10.9679

Brightest pixel maxima

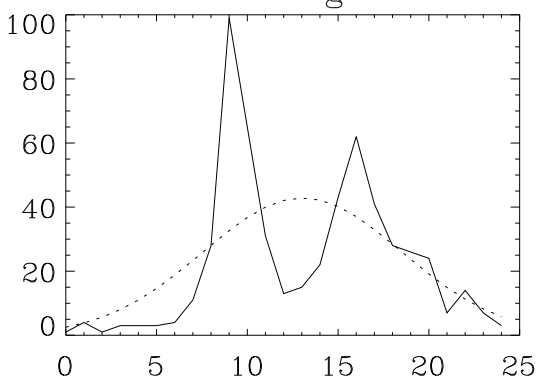
All grades:	99
Std. grades:	99

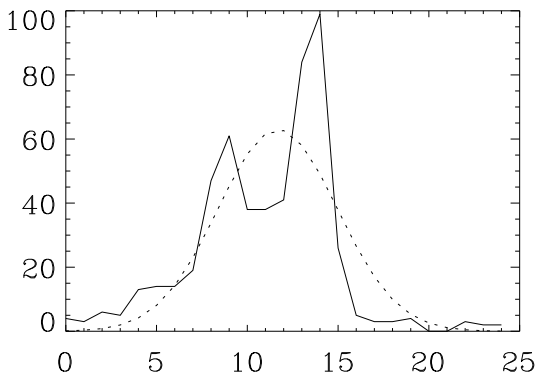
Brightest pixel – All grades H–IAI–PI–2.023





Standard grades





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

	Integrated	Analytical
All Y	570.25660	588.79700
Std Y	570.25660	588.79700
All Z	519.49143	519.64084
Std Z	519.49143	519.64084

	amplitude	offset	sigma	FWHM
All Y:	42.844808	13.039569	5.4824851	12.905770
Std Y:	42.844808	13.039569	5.4824851	12.905770
All Z:	62.950101	11.675216	3.2931909	7.7521717
Std Z:	62.950101	11.675216	3.2931909	7.7521717