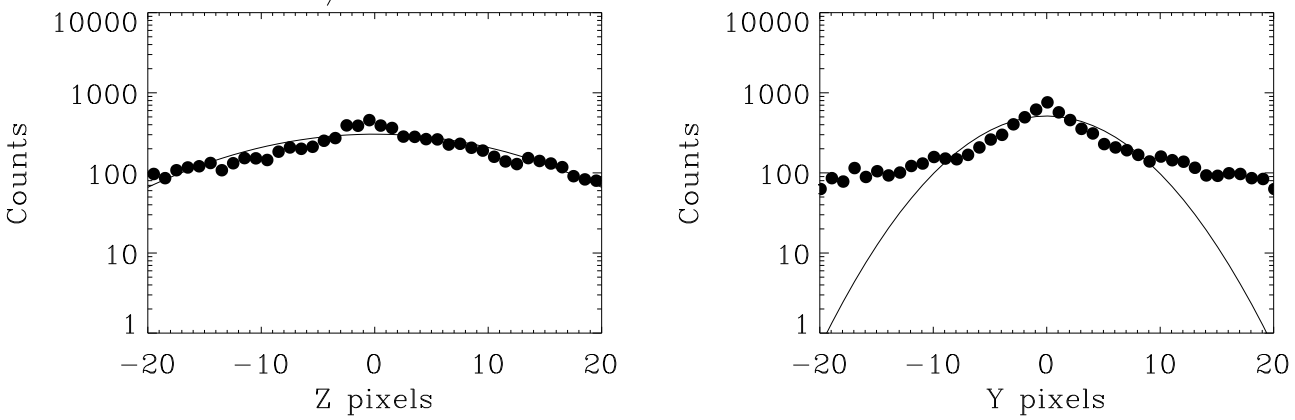
H−IAI−PI−1.005/H−IAI−PI−1.005.fits



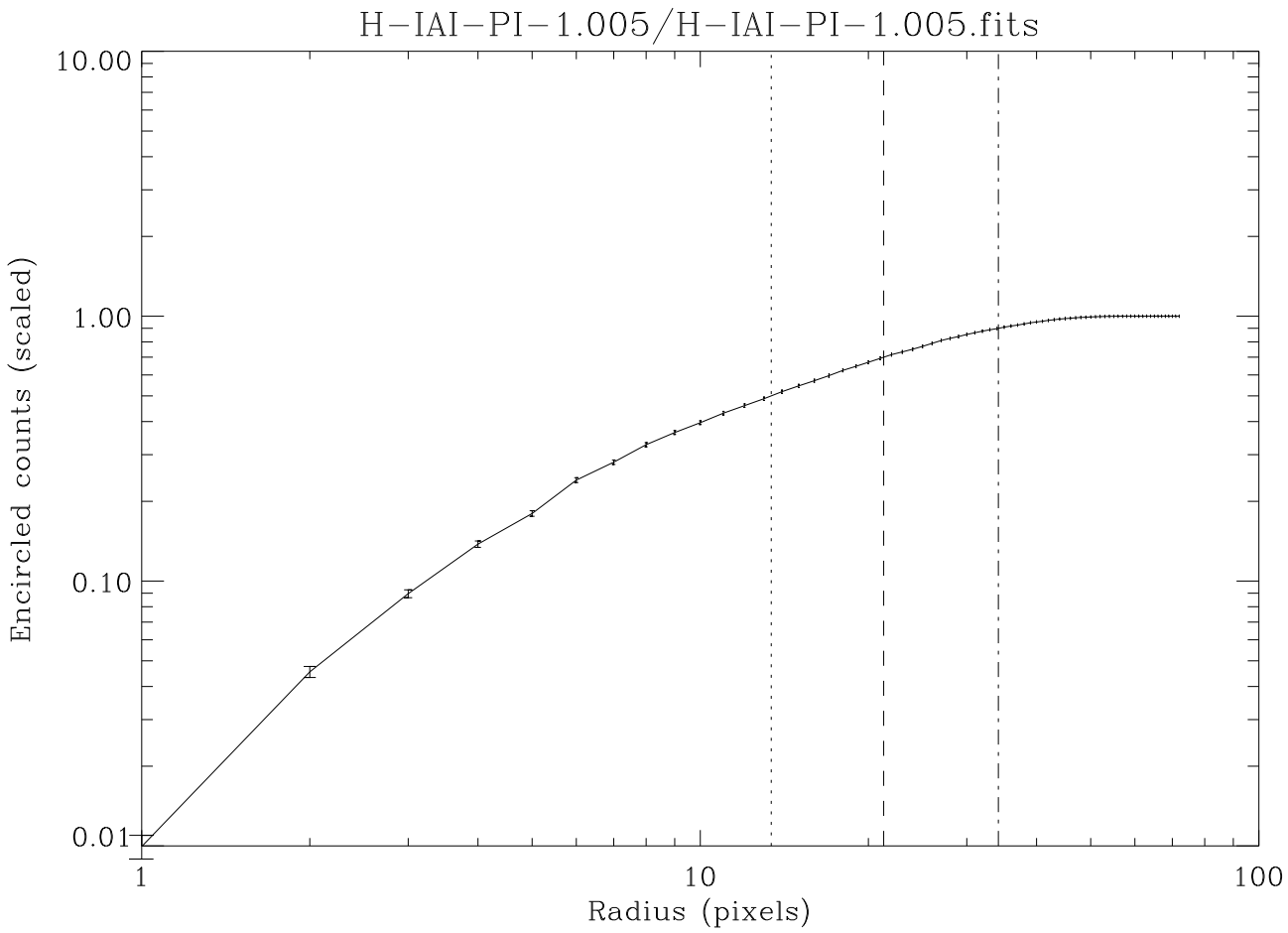
All measurements in pixels

Z gaussian FWHM = 26.950336

Y gaussian FWHM = 12.926599

Z fit parameters: Amplitude= 304 Offset= 51 Sigma= 11

Y fit parameters: Amplitude= 512 Offset= 49 Sigma= 5



Encircled energy radii in pixels

50% radius = 13.3980

70% radius = 21.3018

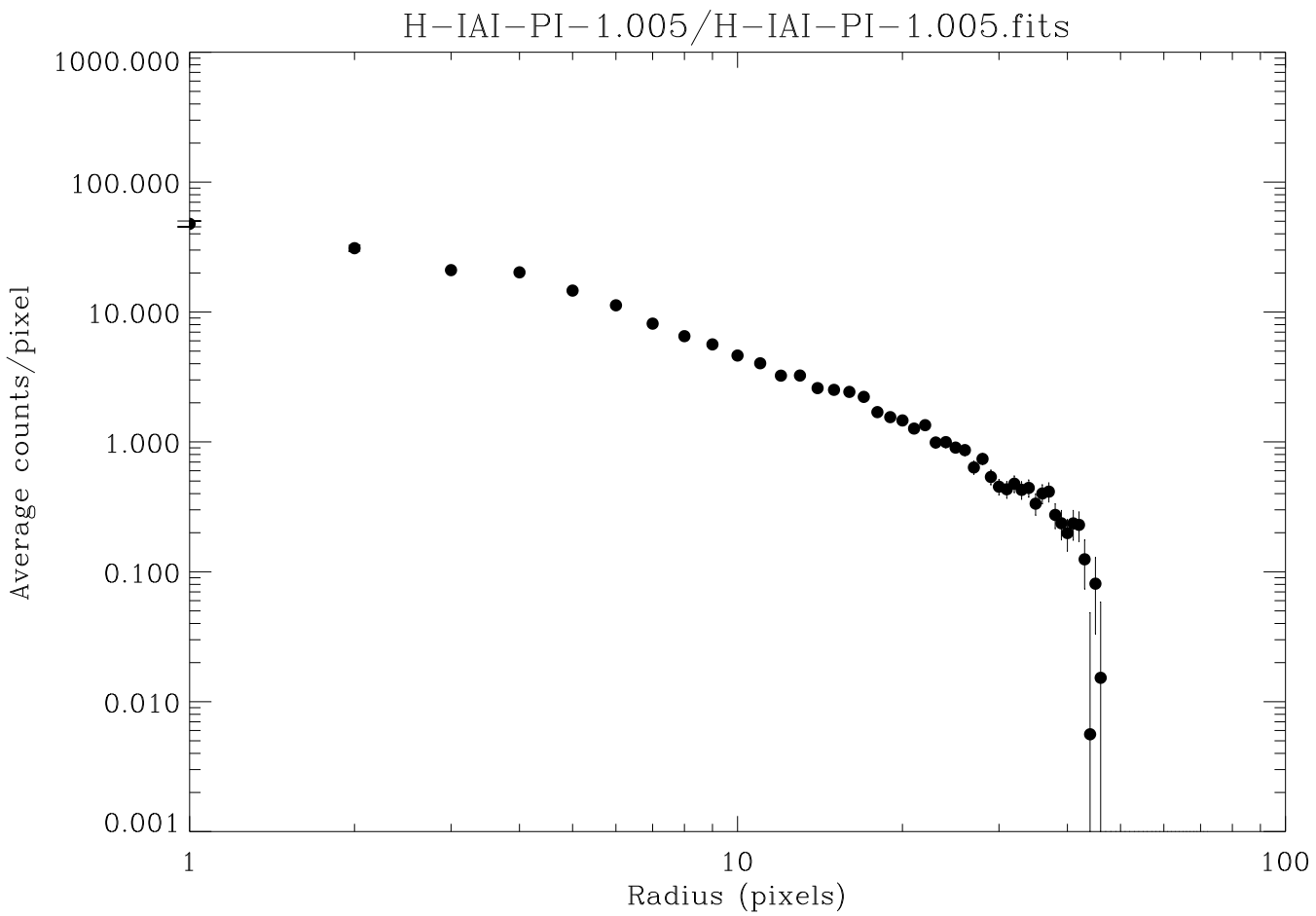
90% radius = 34.1738

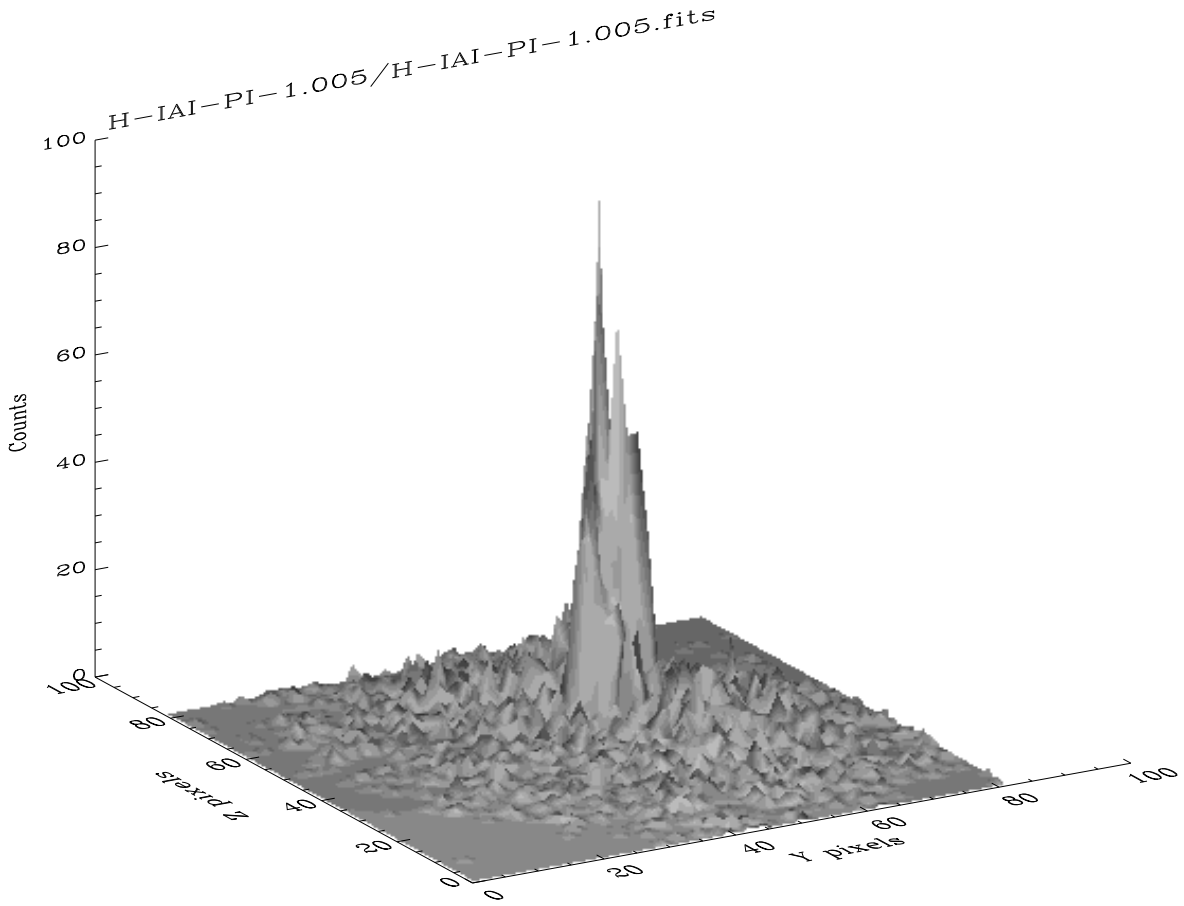
Encircled energy radii in microns

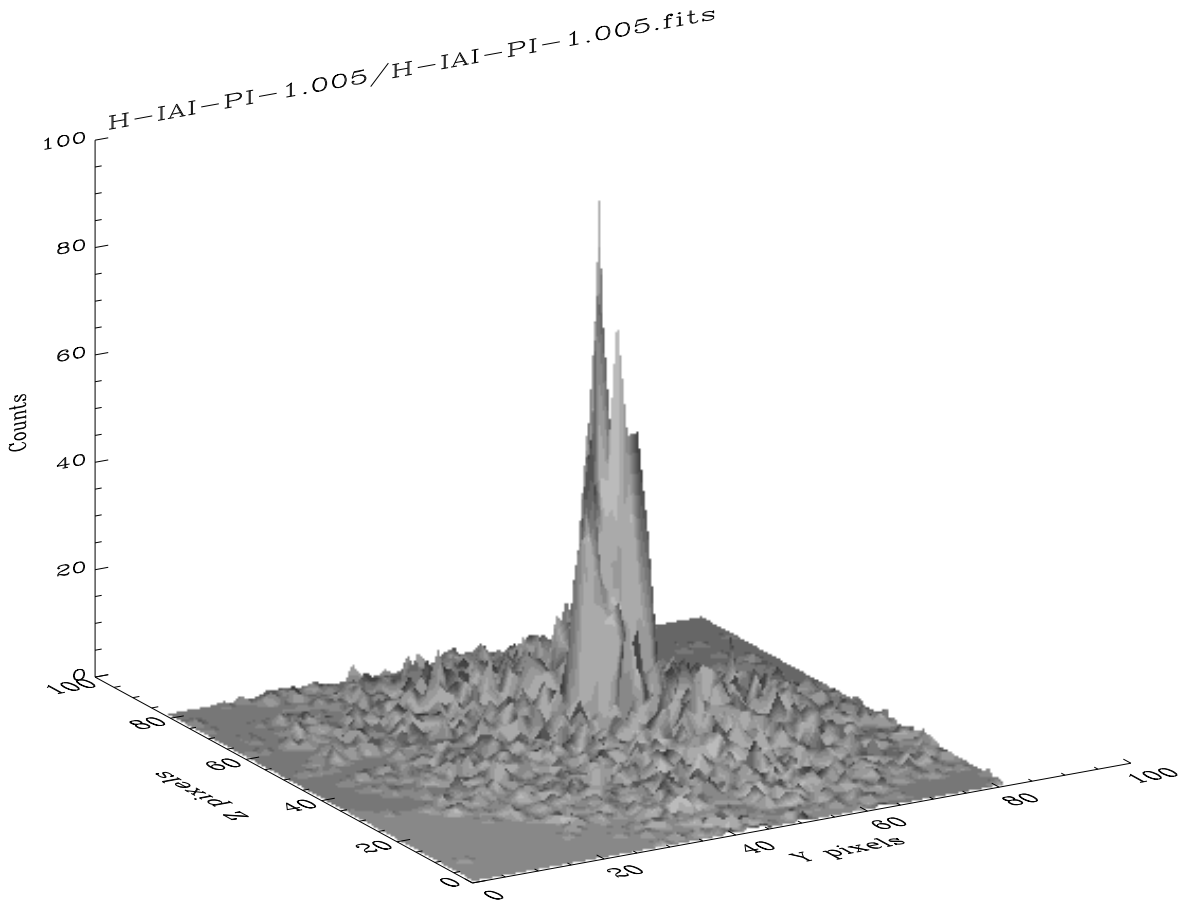
50% radius = 321.551

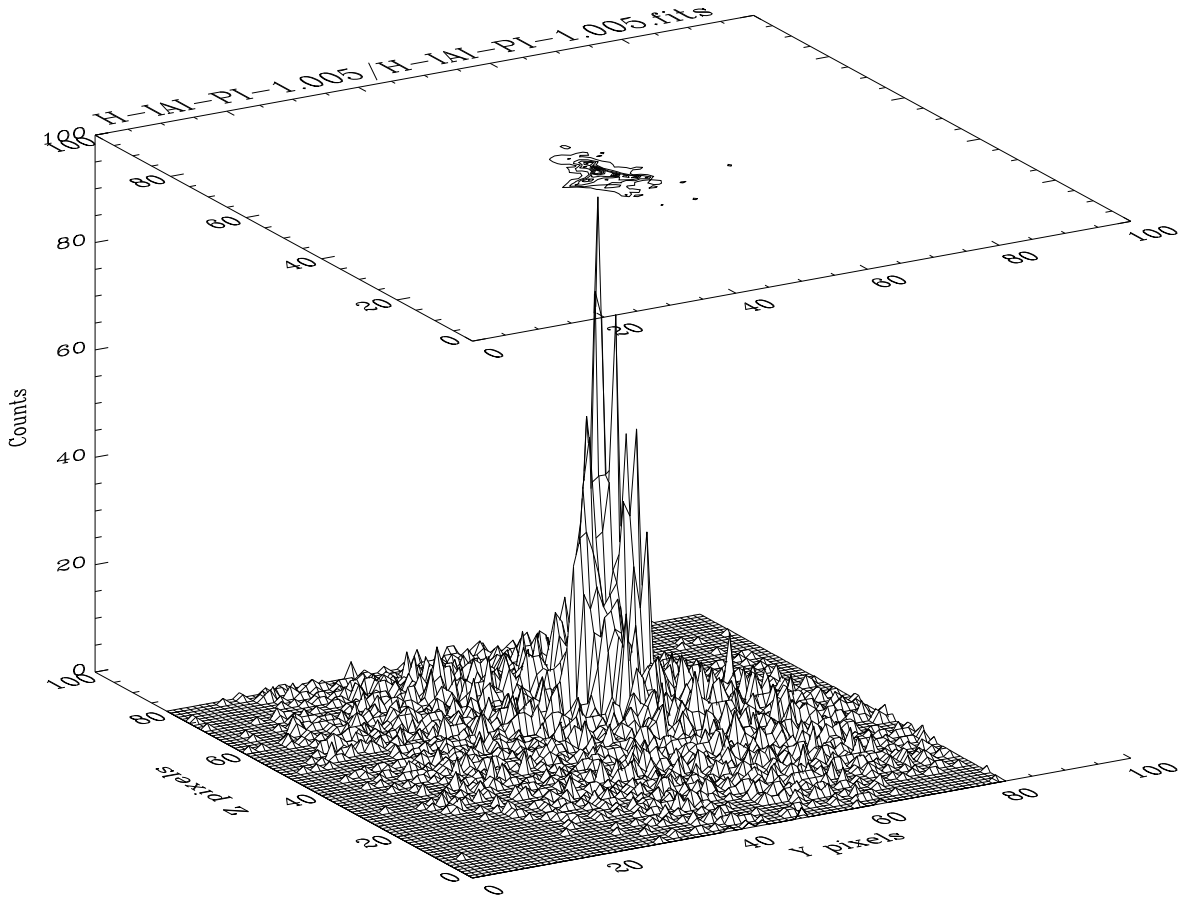
70% radius = 511.244

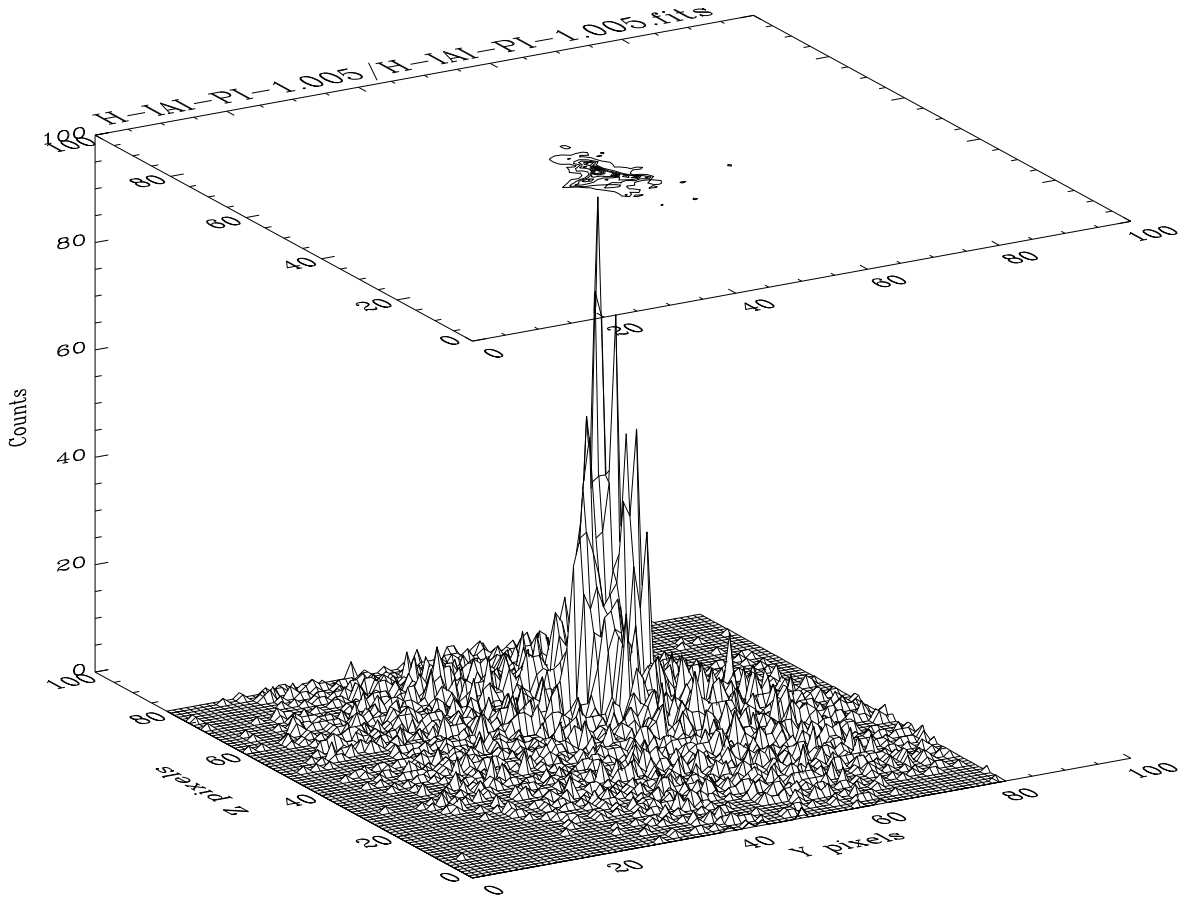
90% radius = 820.172

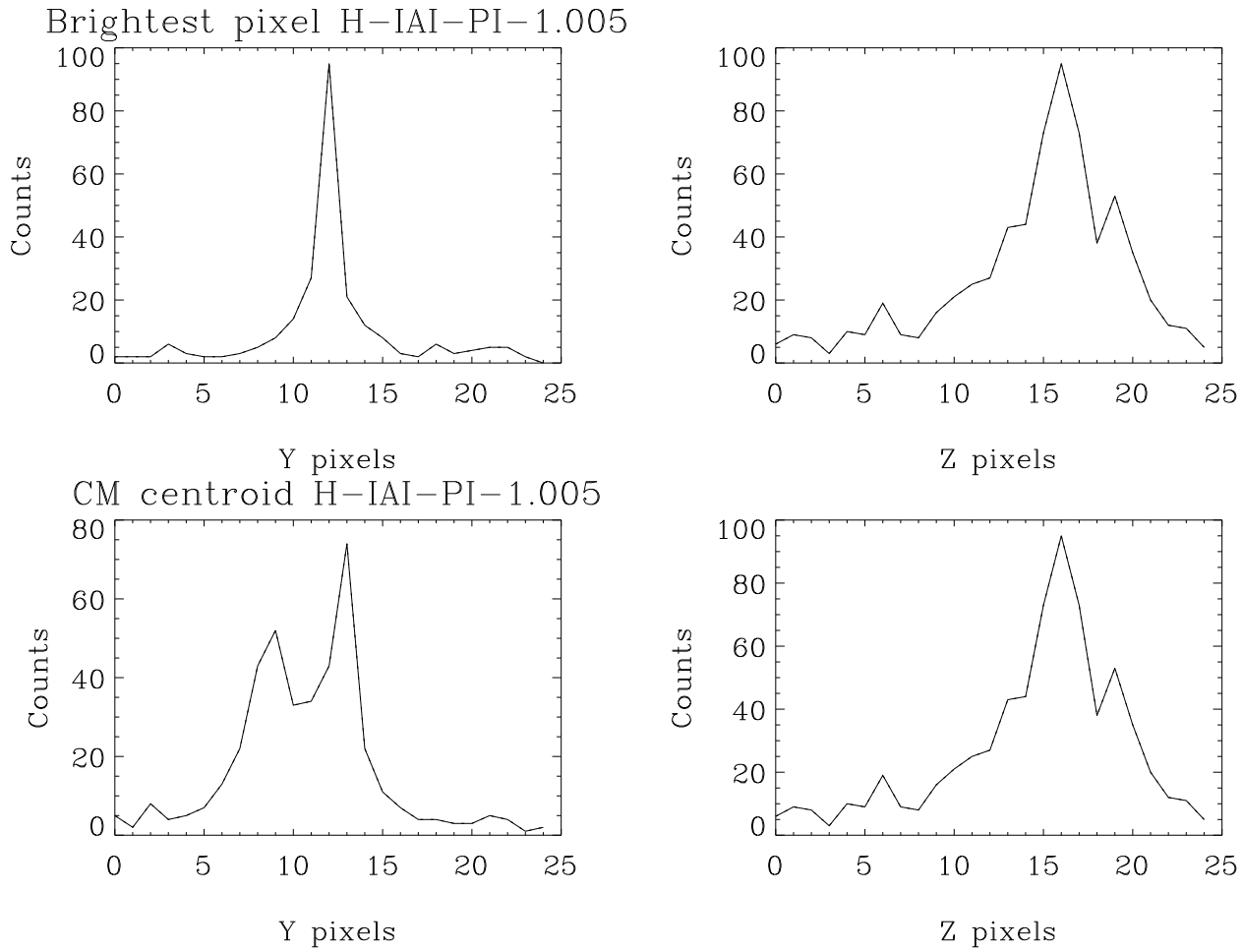

H−IAI−PI−1.005/H−IAI−PI−1.005.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H−IAI−PI−1.005/H−IAI−PI−1.005.fits
Counts
100
80
60
40
20
0
X pixels
Y pixels
0
20
40
60
80
100


H−IAI−PI−1.005/H−IAI−PI−1.005.fits
Counts
100
80
60
40
20
0
X pixels
Y pixels
0
20
40
60
80
100


H-1AI-P1-1.005/H-1AI-P1-1.005.fits
Counts
Z Pixels
Y Pixels
0
20
40
60
80
100


H-1AI-P1-1.005/H-1AI-P1-1.005.fits
Counts
Z Pixels
Y Pixels
0
20
40
60
80
100



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

Brightest pixel (Y,Z)

All grades	12	16
Std. grades	12	16

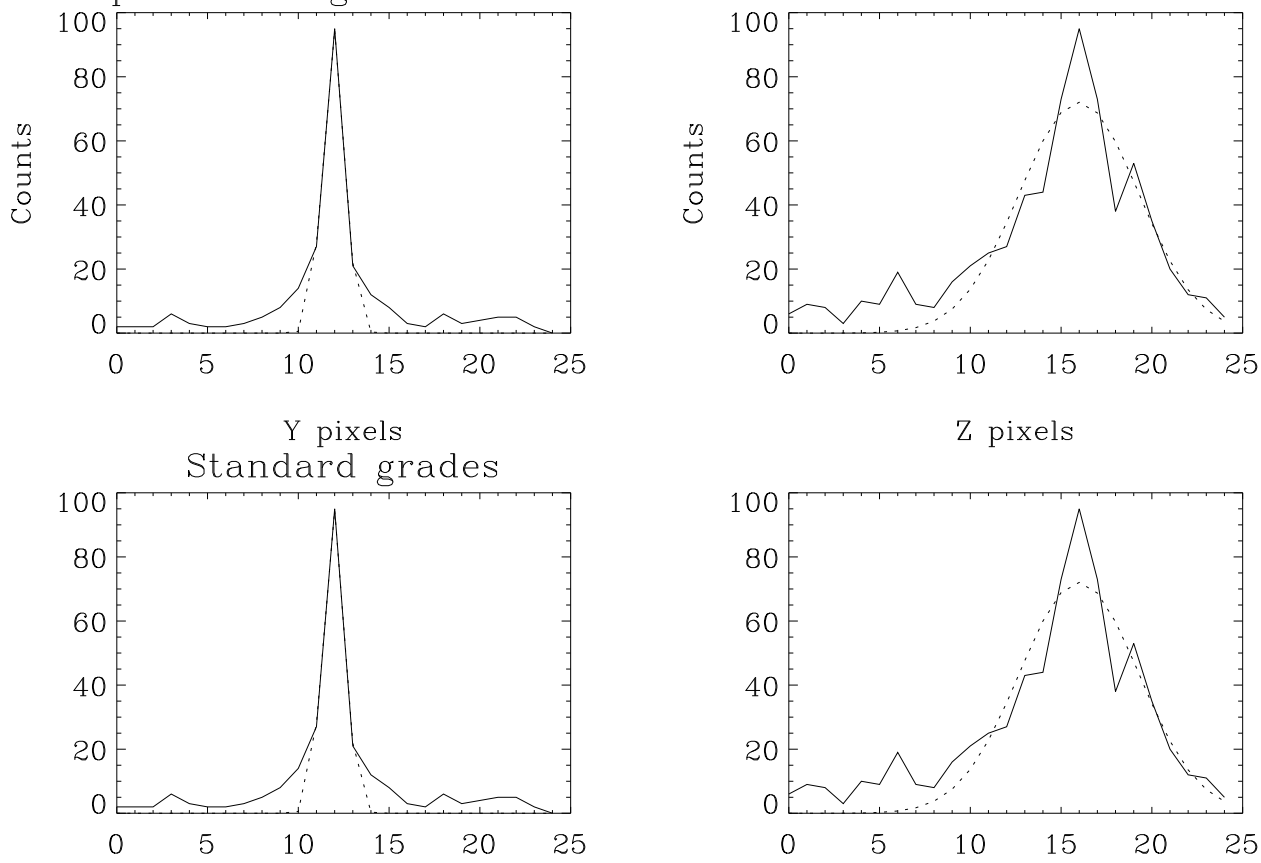
CM Centroid (Y,Z)

All grades	12.0377	13.2258
Std. grades	12.0377	13.2258

Brightest pixel maxima

All grades:	95
Std. grades:	95

Brightest pixel – All grades H–IAI–PI–1.005



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

	Integrated	Analytical
All Y	130.22829	145.19157
Std Y	130.22829	145.19157
All Z	589.11407	593.49655
Std Z	589.11407	593.49655

	amplitude	offset	sigma	FWHM
All Y:	94.904736	11.954488	0.61032841	1.4367131
Std Y:	94.904736	11.954488	0.61032841	1.4367131
All Z:	72.055454	15.988826	3.2859534	7.7351346
Std Z:	72.055454	15.988826	3.2859534	7.7351346