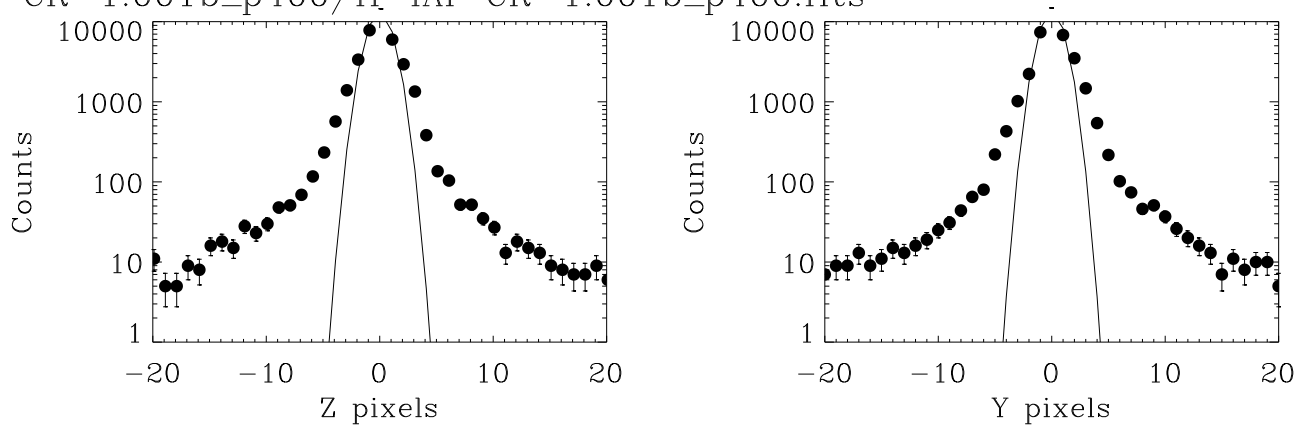
H-IAI-CR-1.001b_p400/H-IAI-CR-1.001b_p400.fits



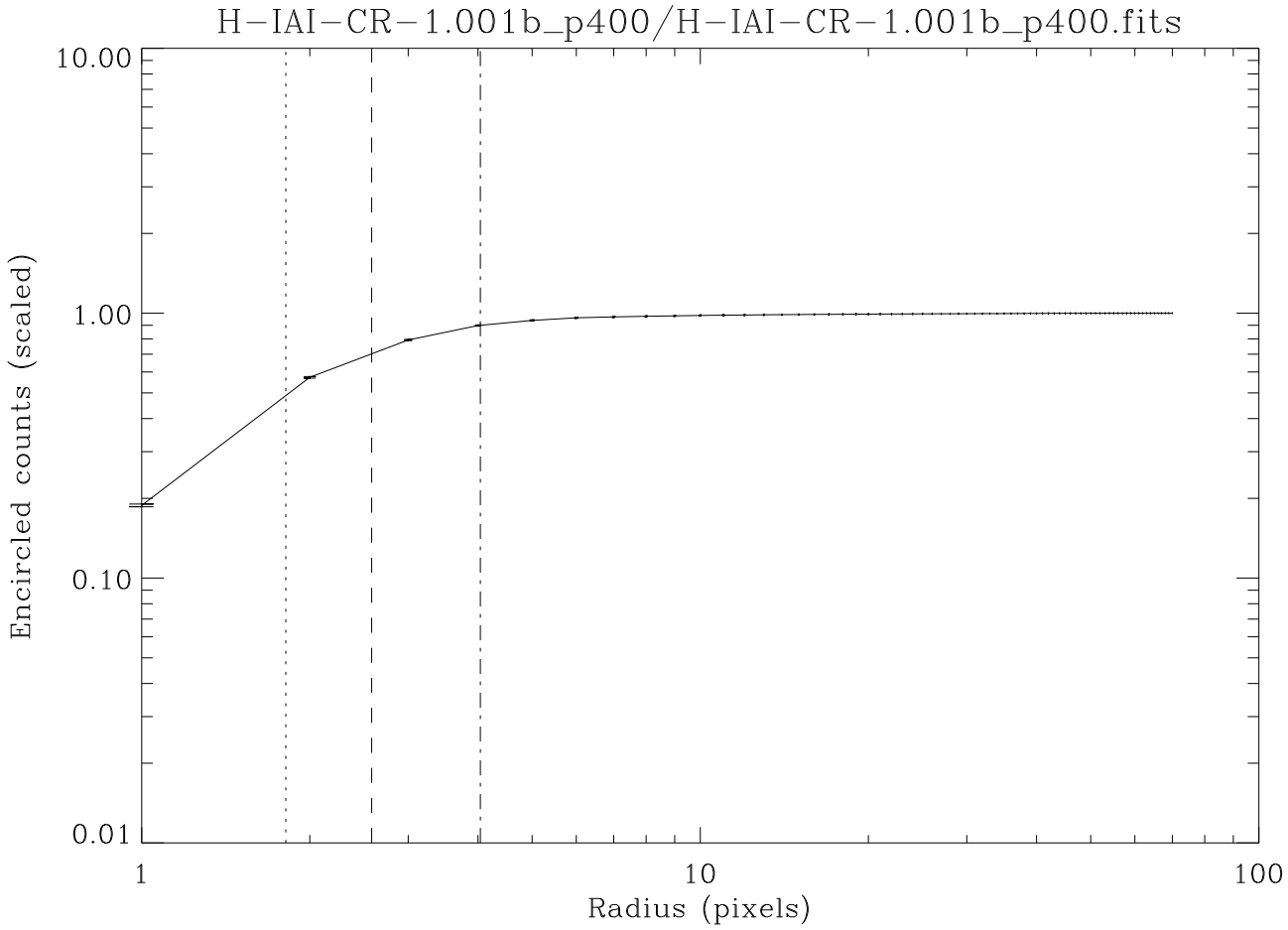
All measurements in pixels

Z gaussian FWHM = 2.4236823

Y gaussian FWHM = 2.3225058

Z fit parameters: Amplitude= 13226 Offset= 48 Sigma= 1

Y fit parameters: Amplitude= 13753 Offset= 50 Sigma= 0



Encircled energy radii in pixels

50% radius = 1.81124

70% radius = 2.58047

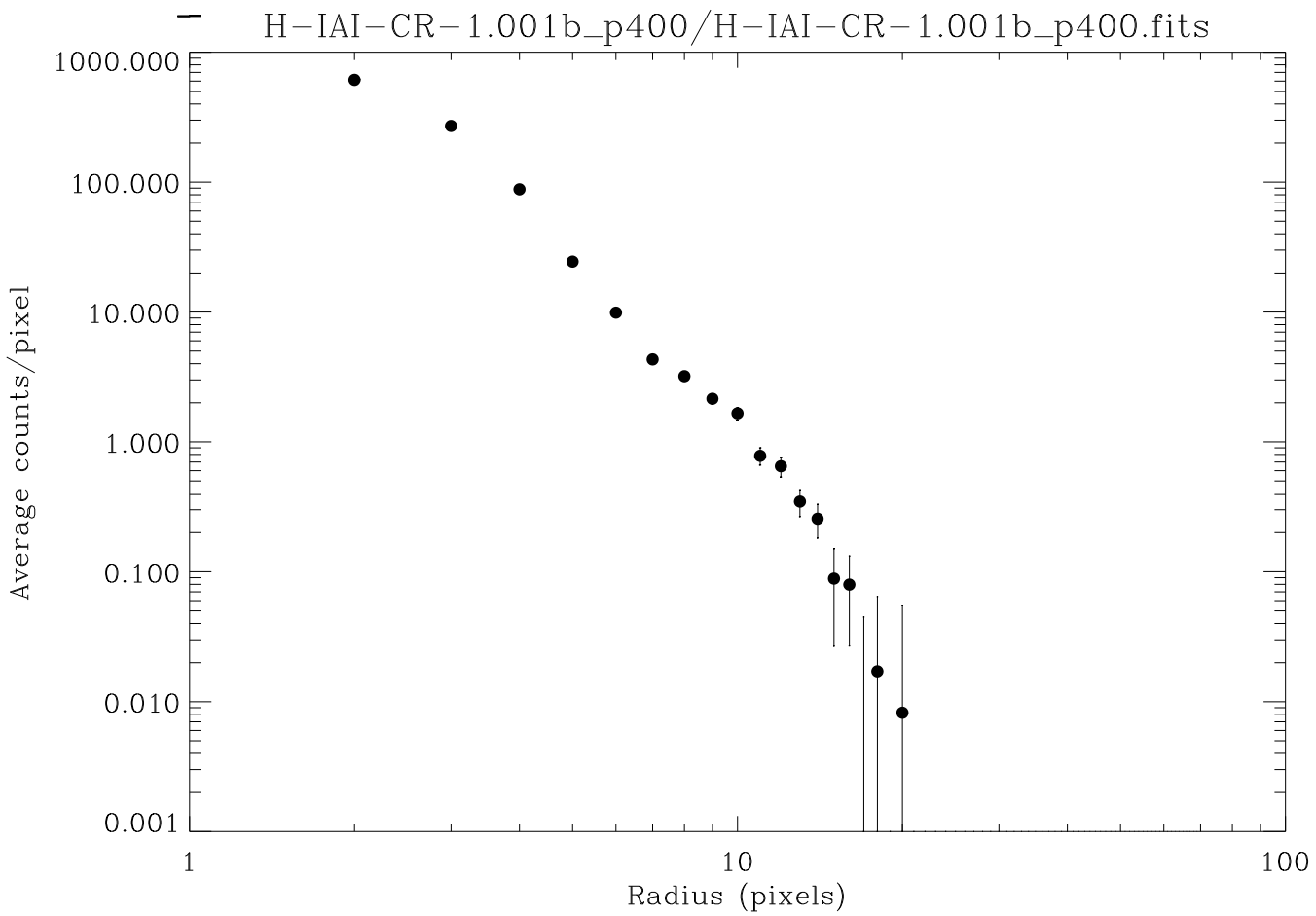
90% radius = 4.04015

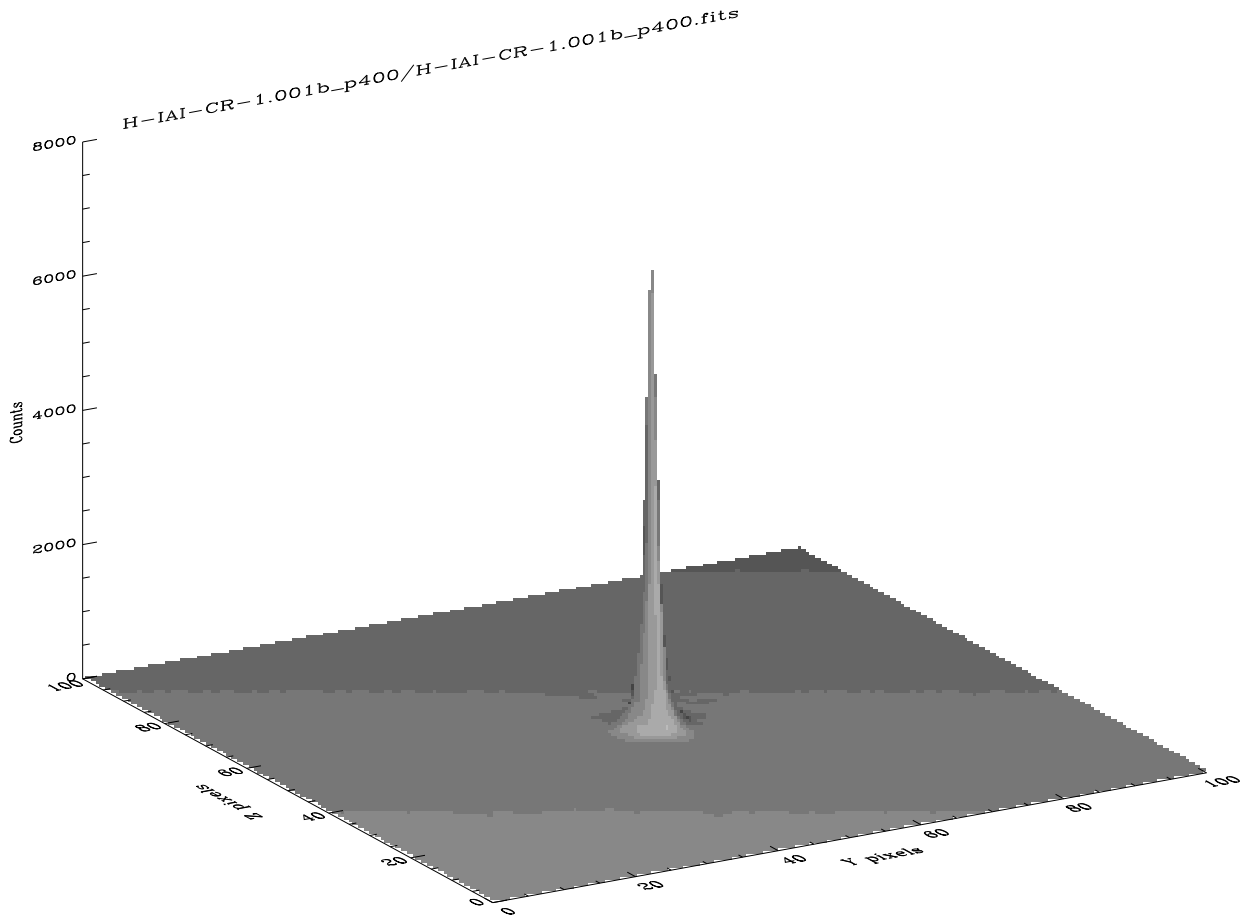
Encircled energy radii in microns

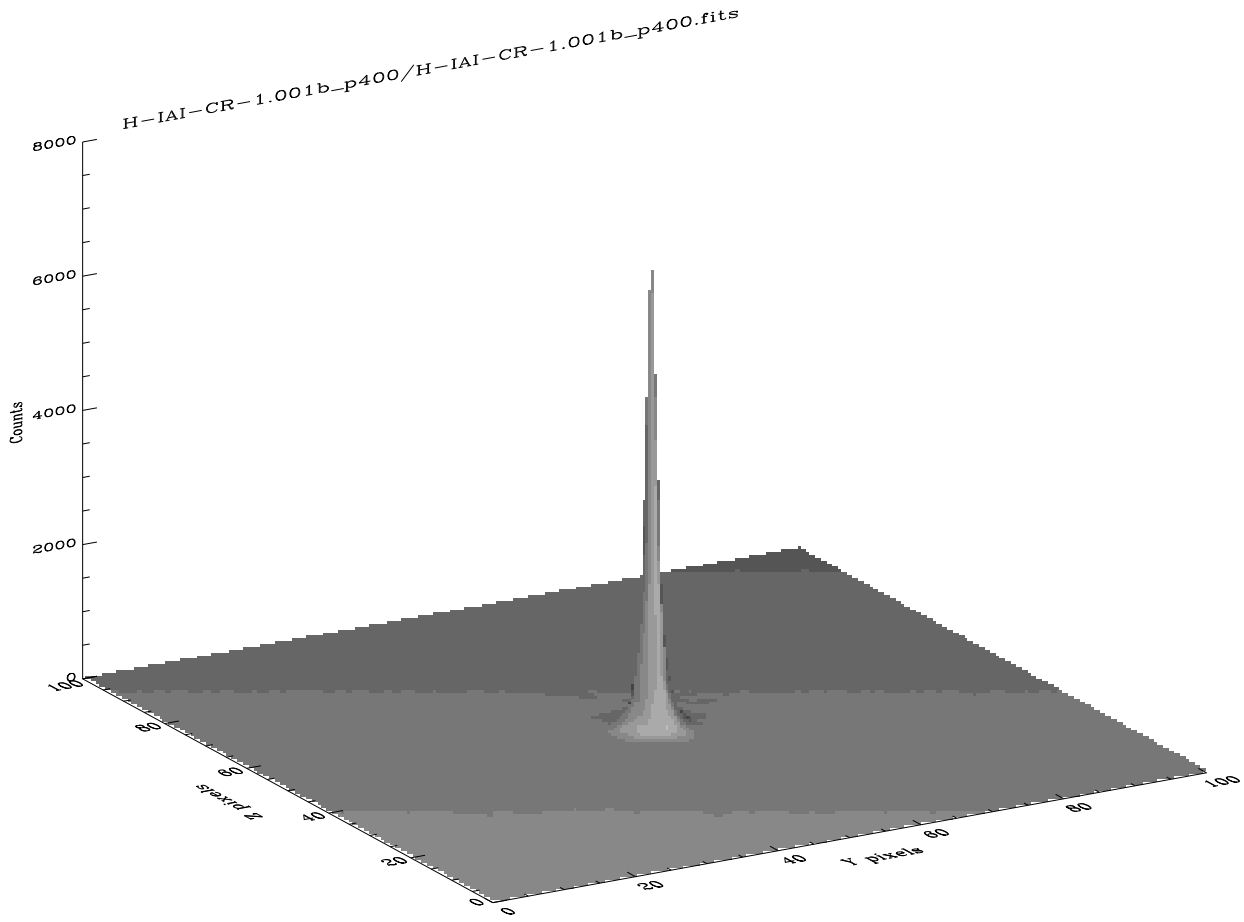
50% radius = 43.4699

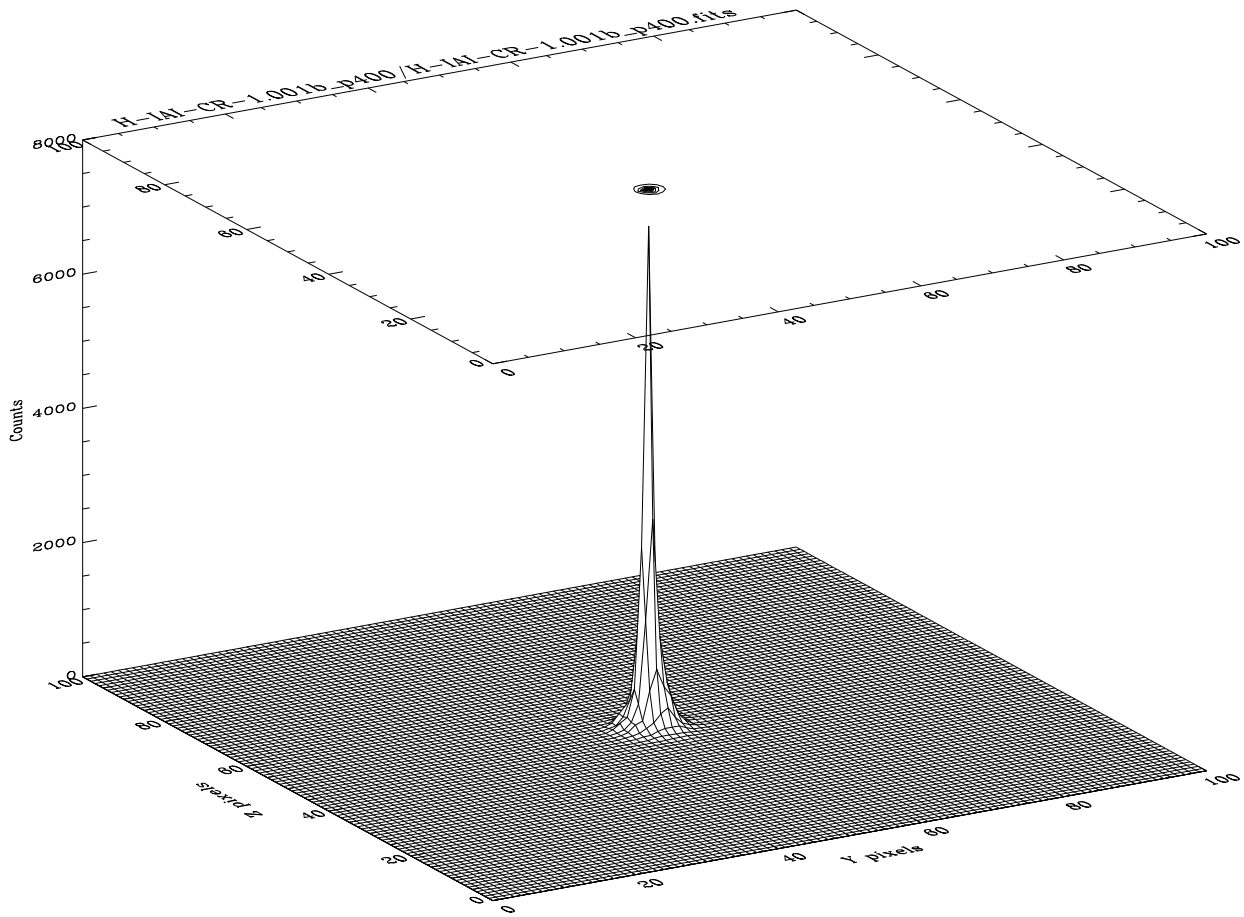
70% radius = 61.9312

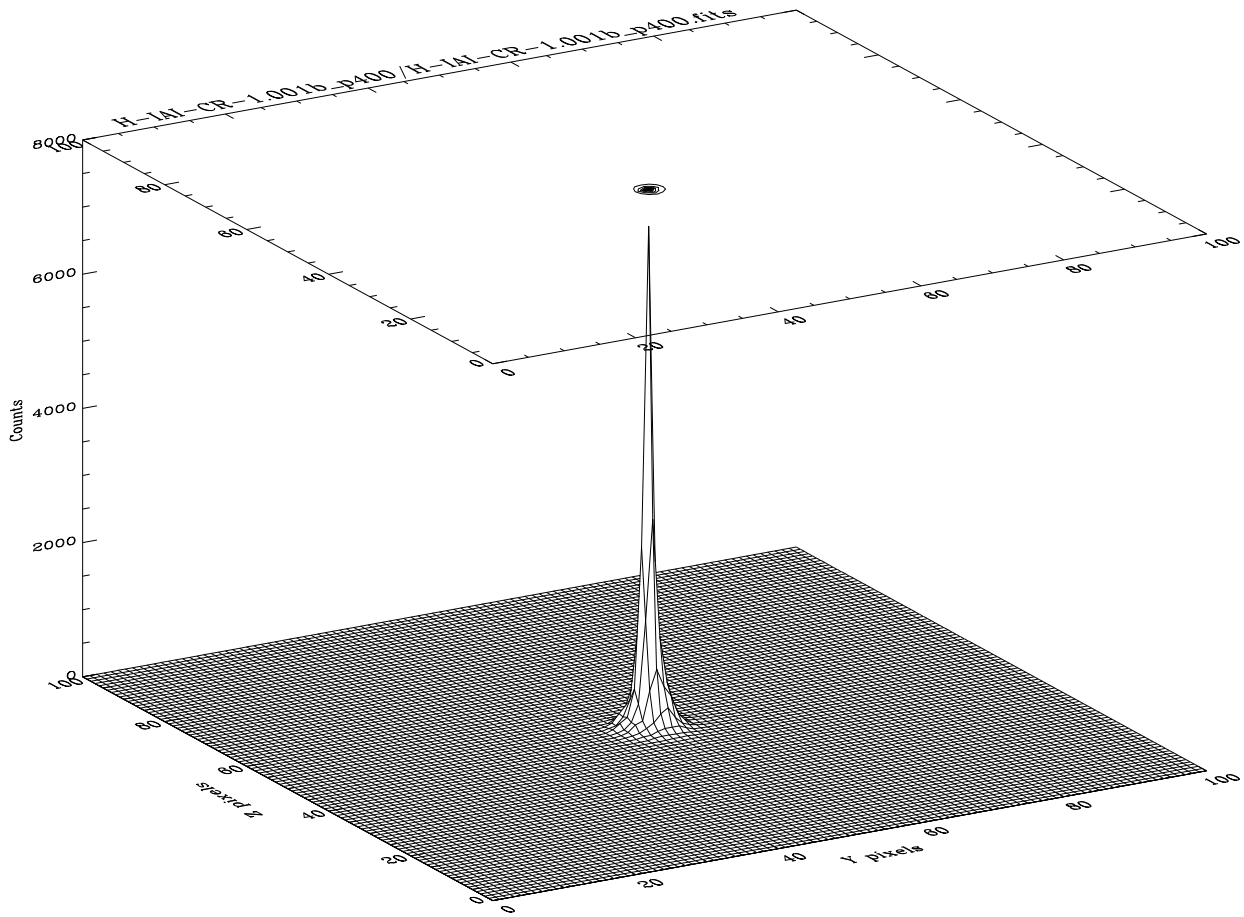
90% radius = 96.9635

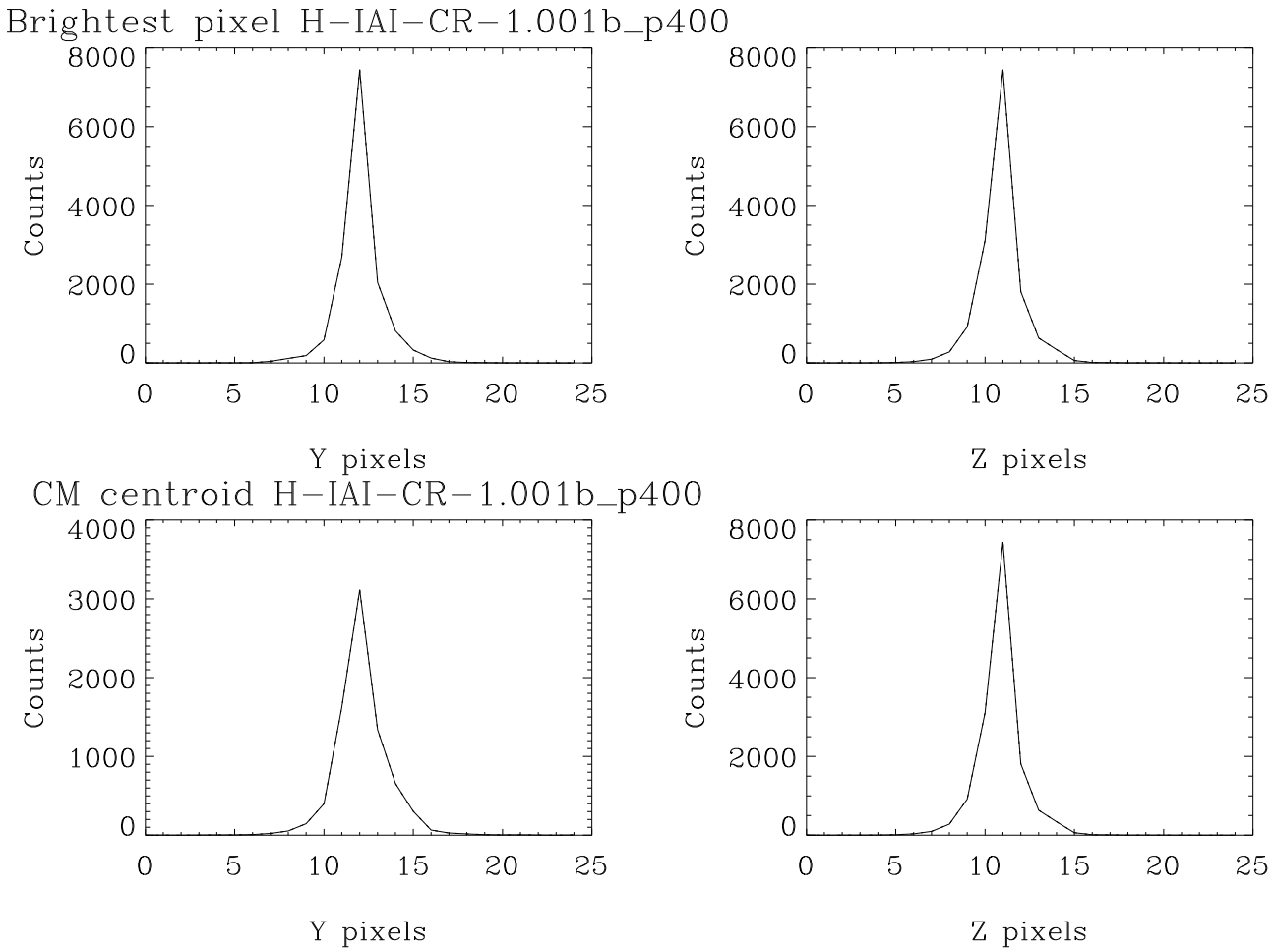

H-IAI-CR-1.001b_p400/H-IAI-CR-1.001b_p400.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H-IAI-CR-1.001b-p400/H-IAI-CR-1.001b-p400.fits
Counts
8000
6000
4000
2000
0
x pixels
0
20
40
60
80
100
y pixels
0
20
40
60
80
100


H-IAI-CR-1.001b-p400/H-IAI-CR-1.001b-p400.fits
Counts
8000
6000
4000
2000
0
x pixels
0
20
40
60
80
100
y pixels
0
20
40
60
80
100


H_1AI_CR_1.001b_P400/H_1AI_CR_1.001b_P400.fits
Counts
8000
6000
4000
2000
0
20
40
60
80
100
X pixels
Y pixels


H_1AI_CR_1.001b_P400/H_1AI_CR_1.001b_P400.fits
Counts
8000
6000
4000
2000
0
20
40
60
80
100
X pixels
Y pixels



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

Brightest pixel (Y,Z)

All grades	12	11
Std. grades	12	11

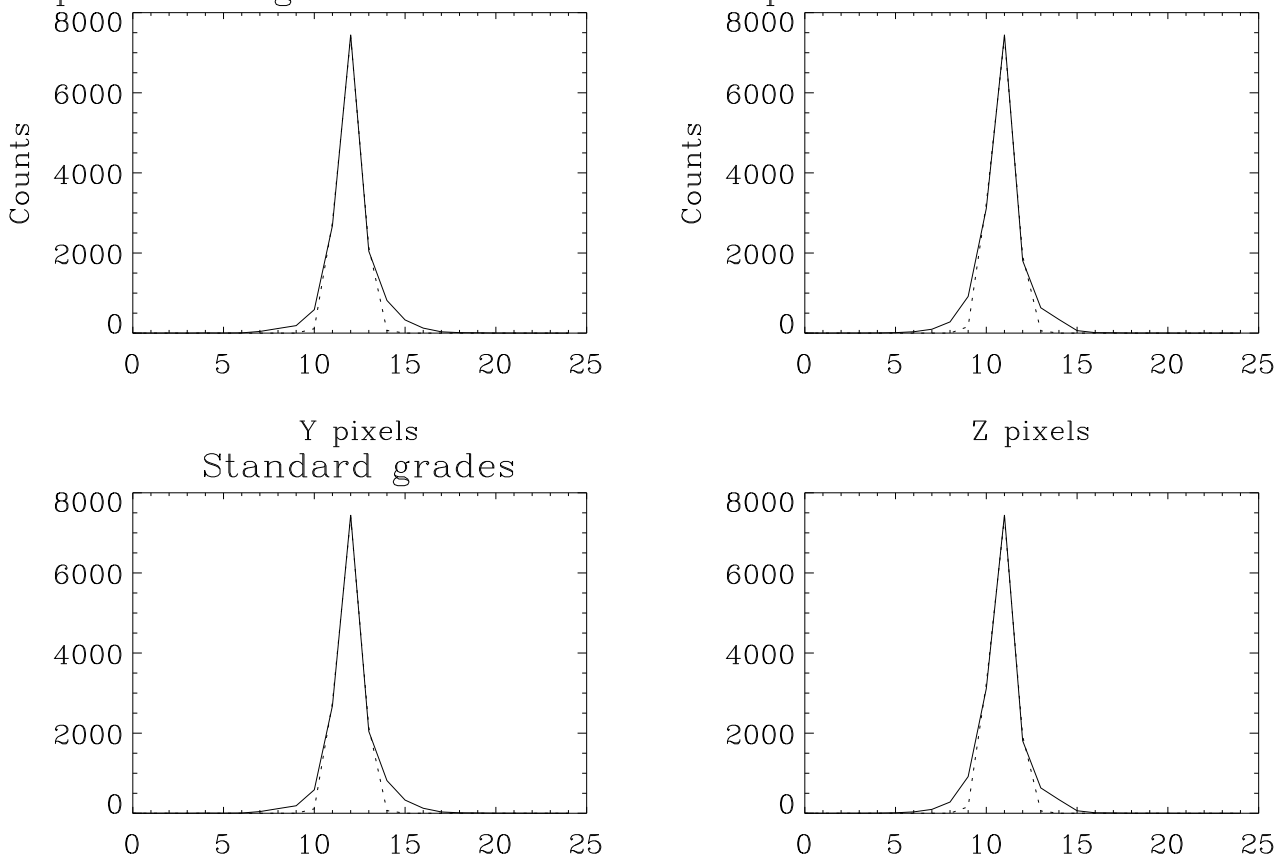
CM Centroid (Y,Z)

All grades	12.1115	10.8955
Std. grades	12.1115	10.8955

Brightest pixel maxima

All grades:	7448
Std. grades:	7448

Brightest pixel – All grades H–IAI–CR–1.001b_p400



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

	Integrated	Analytical
All Y	11678.630	12485.189
Std Y	11678.630	12485.189
All Z	13741.965	12768.000
Std Z	13741.965	12768.000

	amplitude	offset	sigma	FWHM
All Y:	7432.7011	11.942876	0.67012918	1.5774842
Std Y:	7432.7011	11.942876	0.67012918	1.5774842
All Z:	7500.6095	10.880357	0.67910414	1.5986112
Std Z:	7500.6095	10.880357	0.67910414	1.5986112