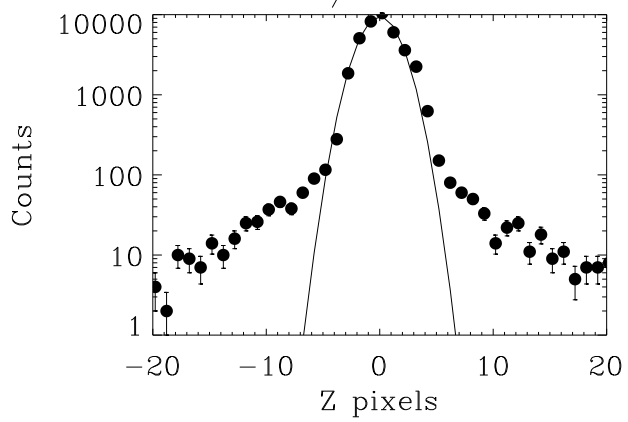
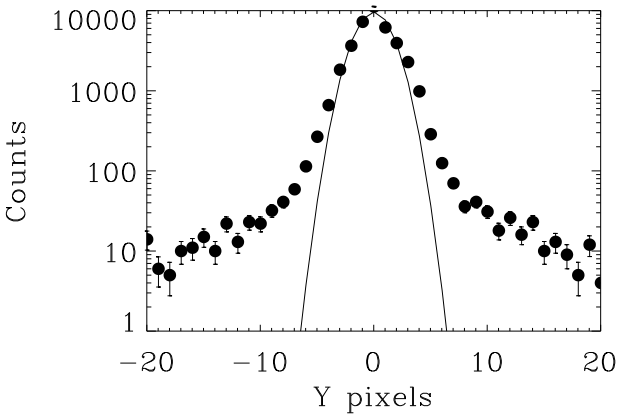
H-IAI-CR-1.001b_n1000/H-IAI-CR-1.001b_n1000.fits





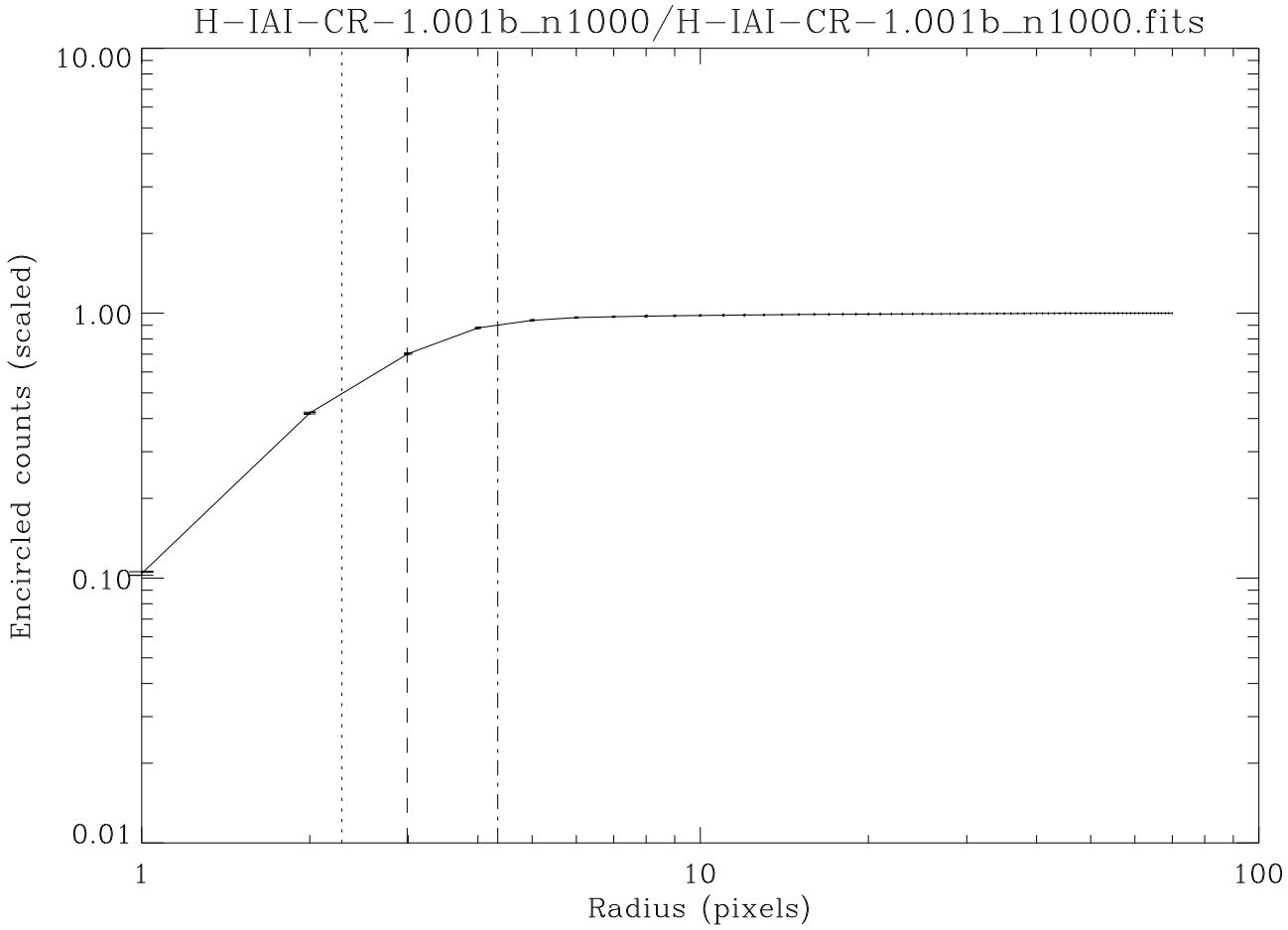
All measurements in pixels

Z gaussian FWHM = 3.6875239

Y gaussian FWHM = 3.5478690

Z fit parameters: Amplitude= 9642 Offset= 48 Sigma= 1

Y fit parameters: Amplitude= 9657 Offset= 49 Sigma= 1



Encircled energy radii in pixels

50% radius = 2.28264

70% radius = 2.98738

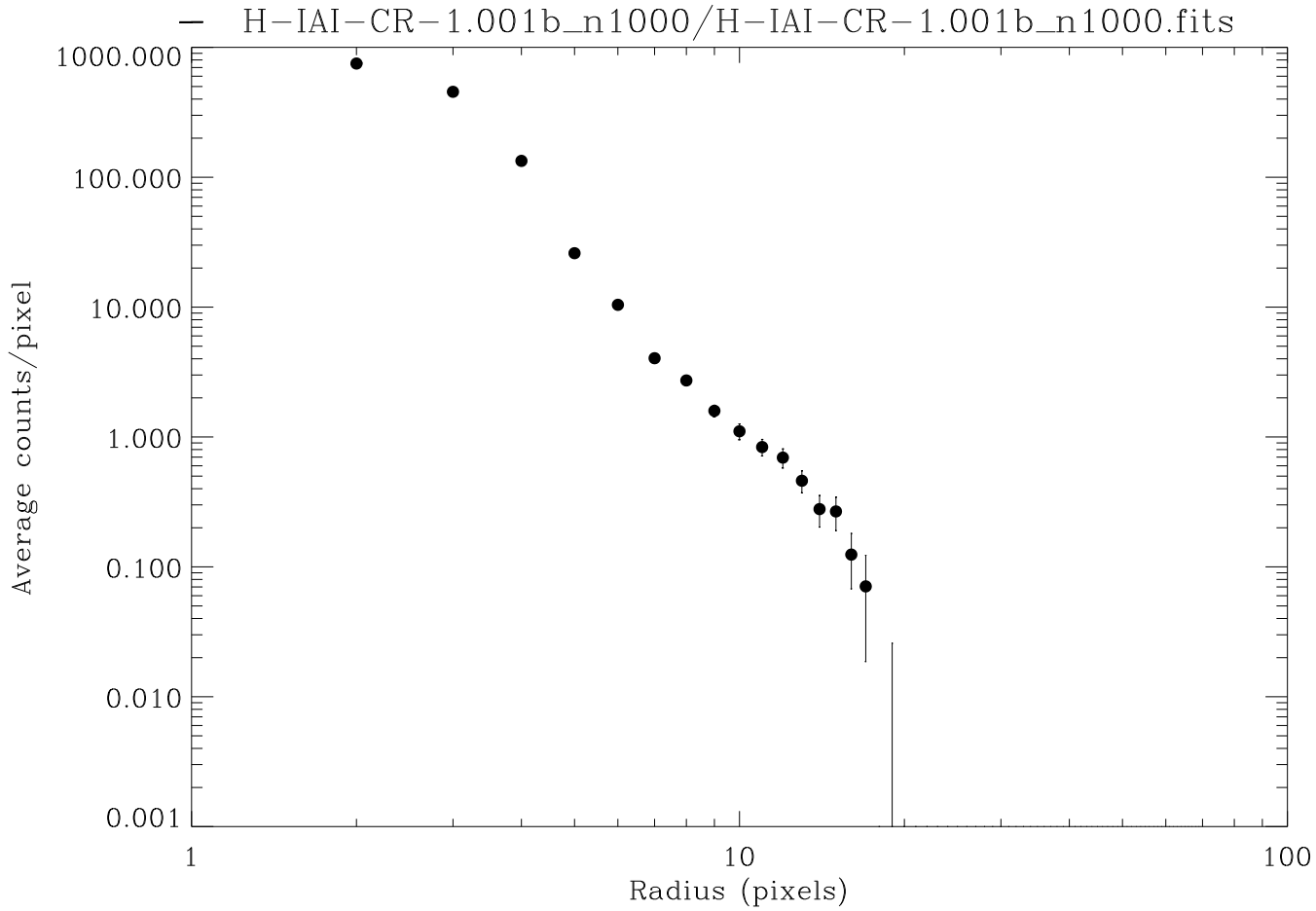
90% radius = 4.33981

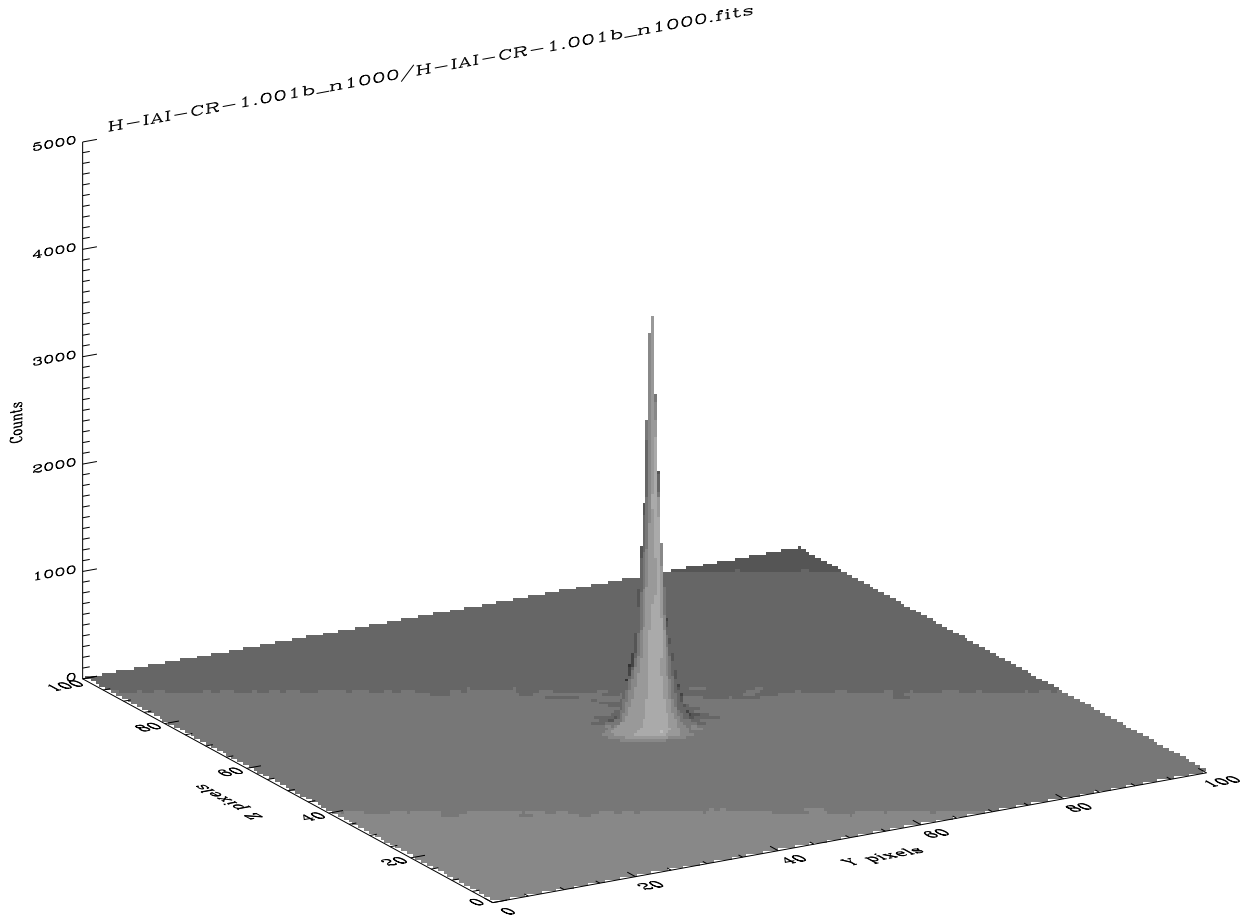
Encircled energy radii in microns

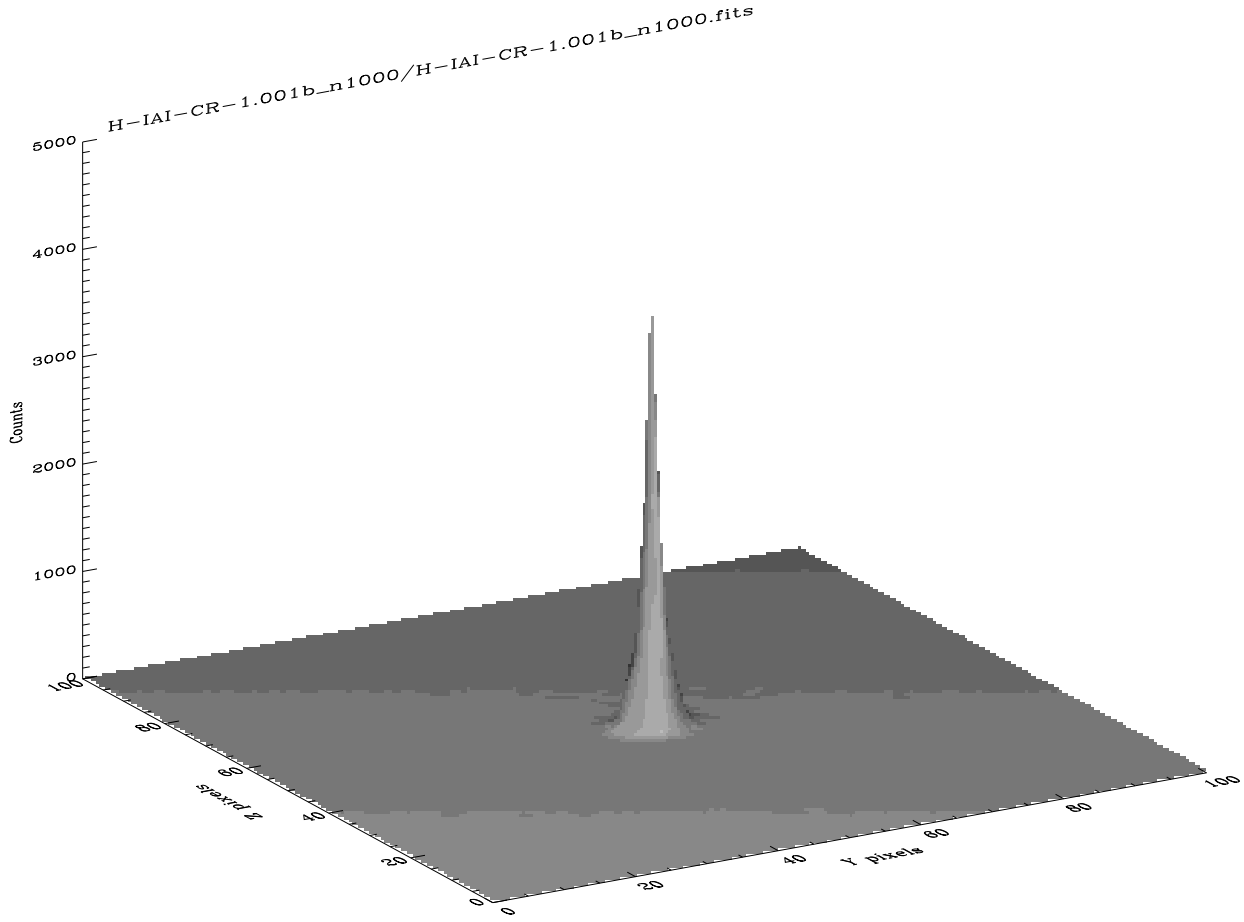
50% radius = 54.7833

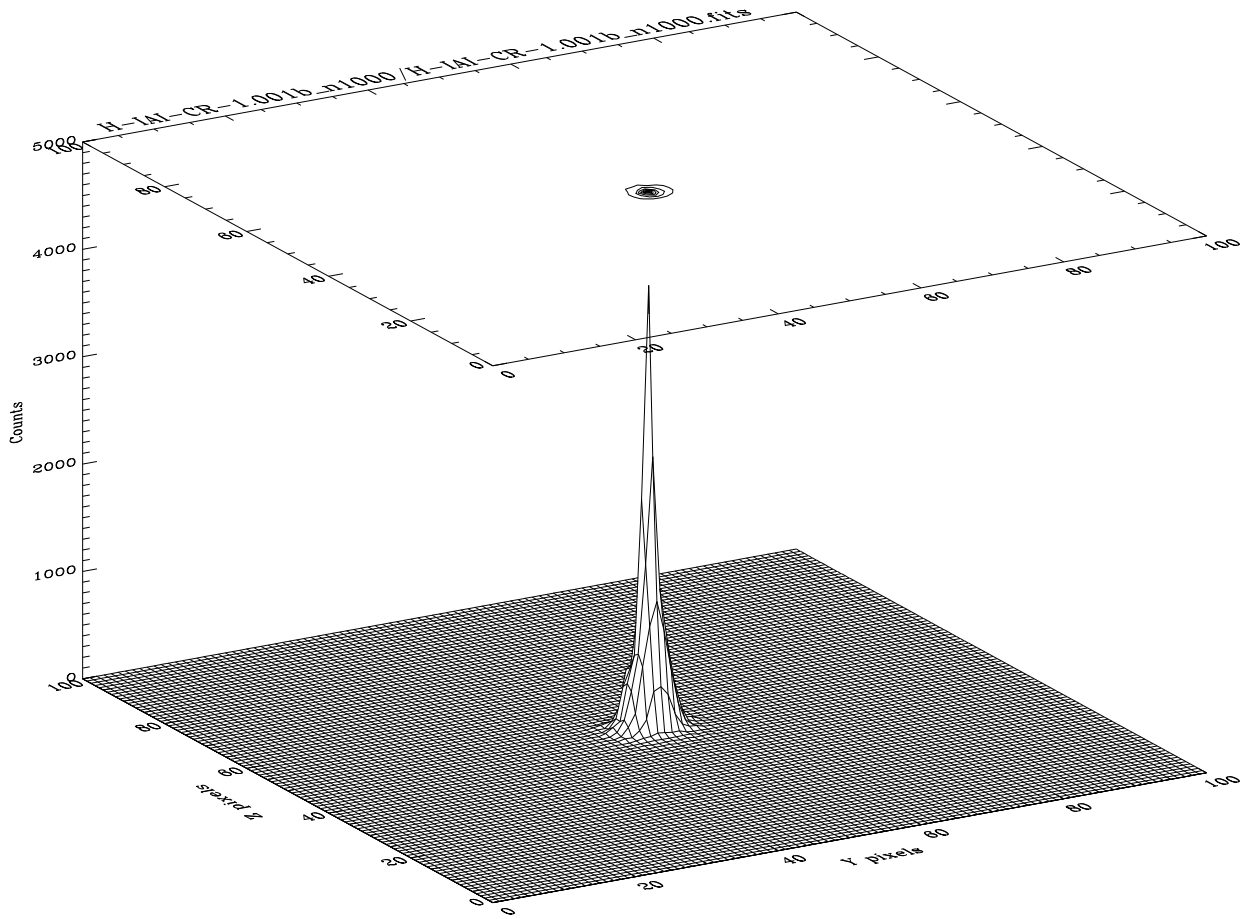
70% radius = 71.6971

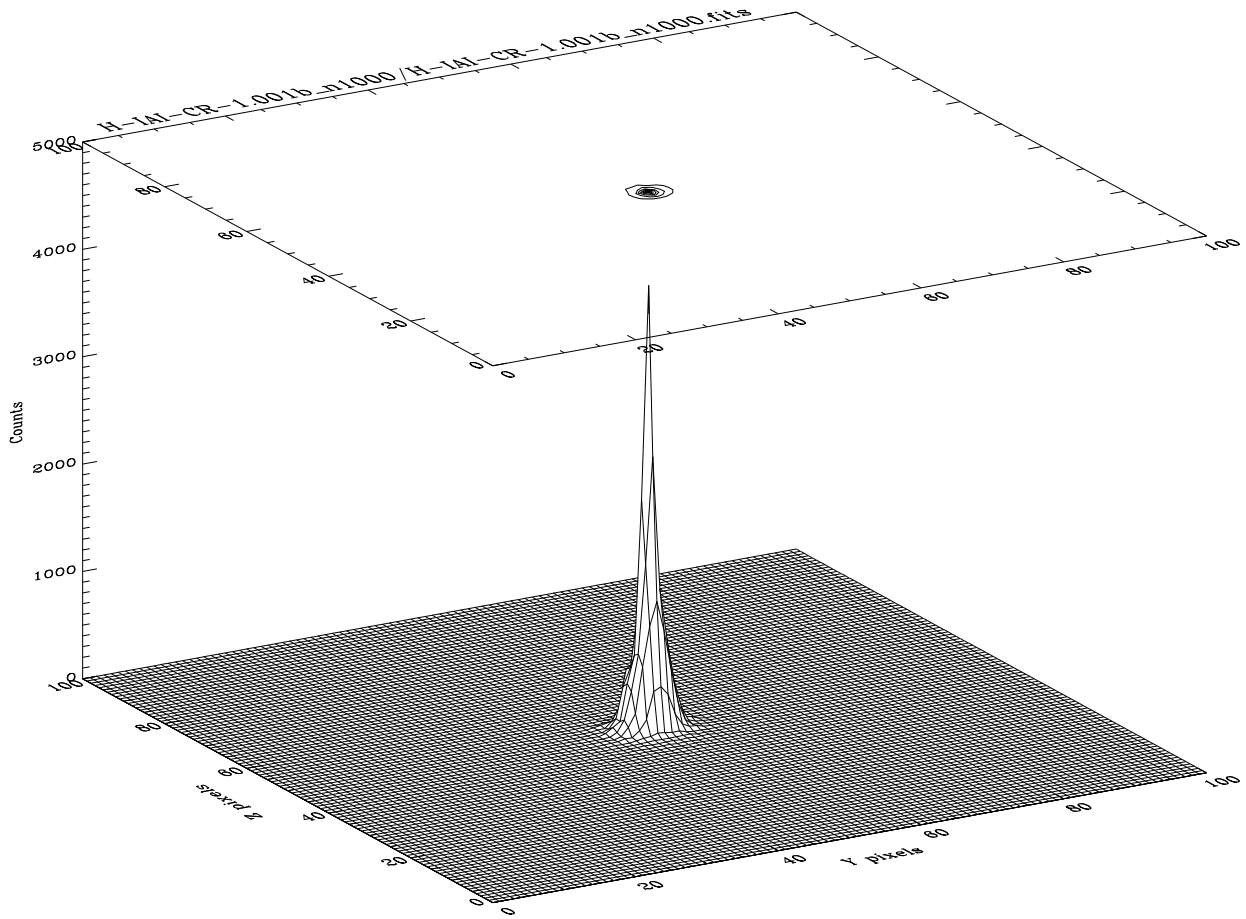
90% radius = 104.156

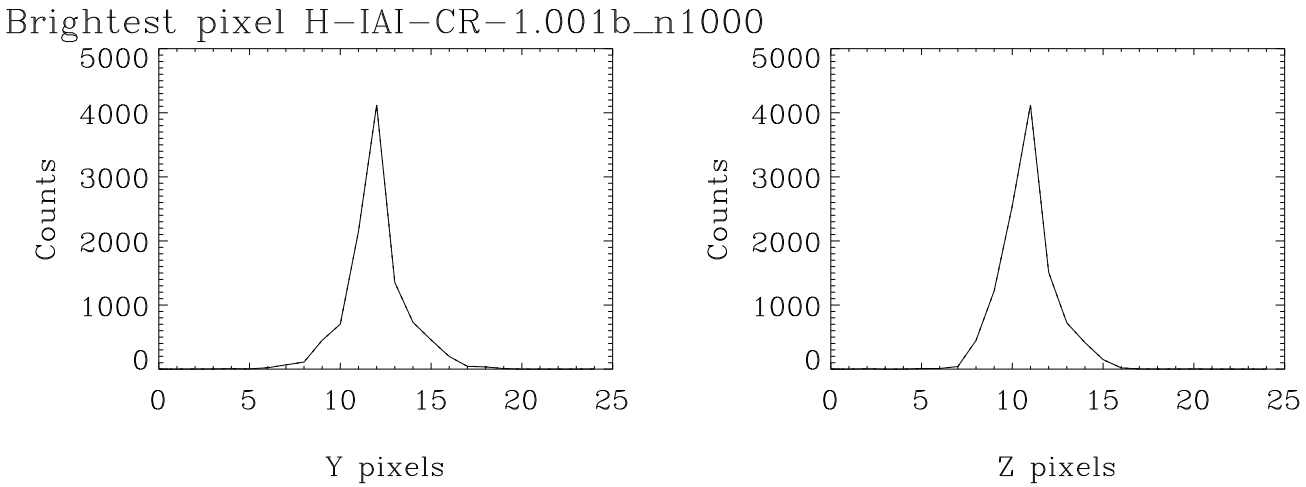

H-IAI-CR-1.001b_n1000/H-IAI-CR-1.001b_n1000.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)

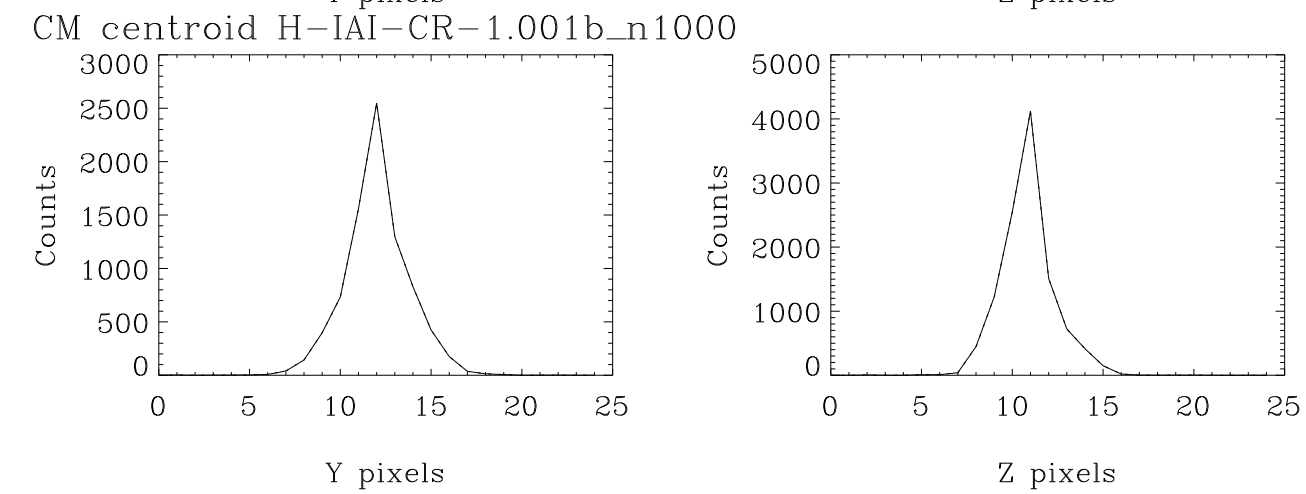

H-IAI-CR-1.001b_n1000/H-IAI-CR-1.001b_n1000.fits
Counts
5000
4000
3000
2000
1000
0
x pixels
0
20
40
60
80
100
y pixels
0
20
40
60
80
100


H-IAI-CR-1.001b_n1000/H-IAI-CR-1.001b_n1000.fits
Counts
5000
4000
3000
2000
1000
0
x pixels
0
20
40
60
80
100
y pixels
0
20
40
60
80
100


H_1AI_CR_1.001b_n1000/H_1AI_CR_1.001b_n1000.fits
5000
4000
3000
2000
1000
Counts
0
20
40
60
80
100
X pixels
Y pixels


H_1AI_CR_1.001b_n1000/H_1AI_CR_1.001b_n1000.fits
5000
4000
3000
2000
1000
Counts
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

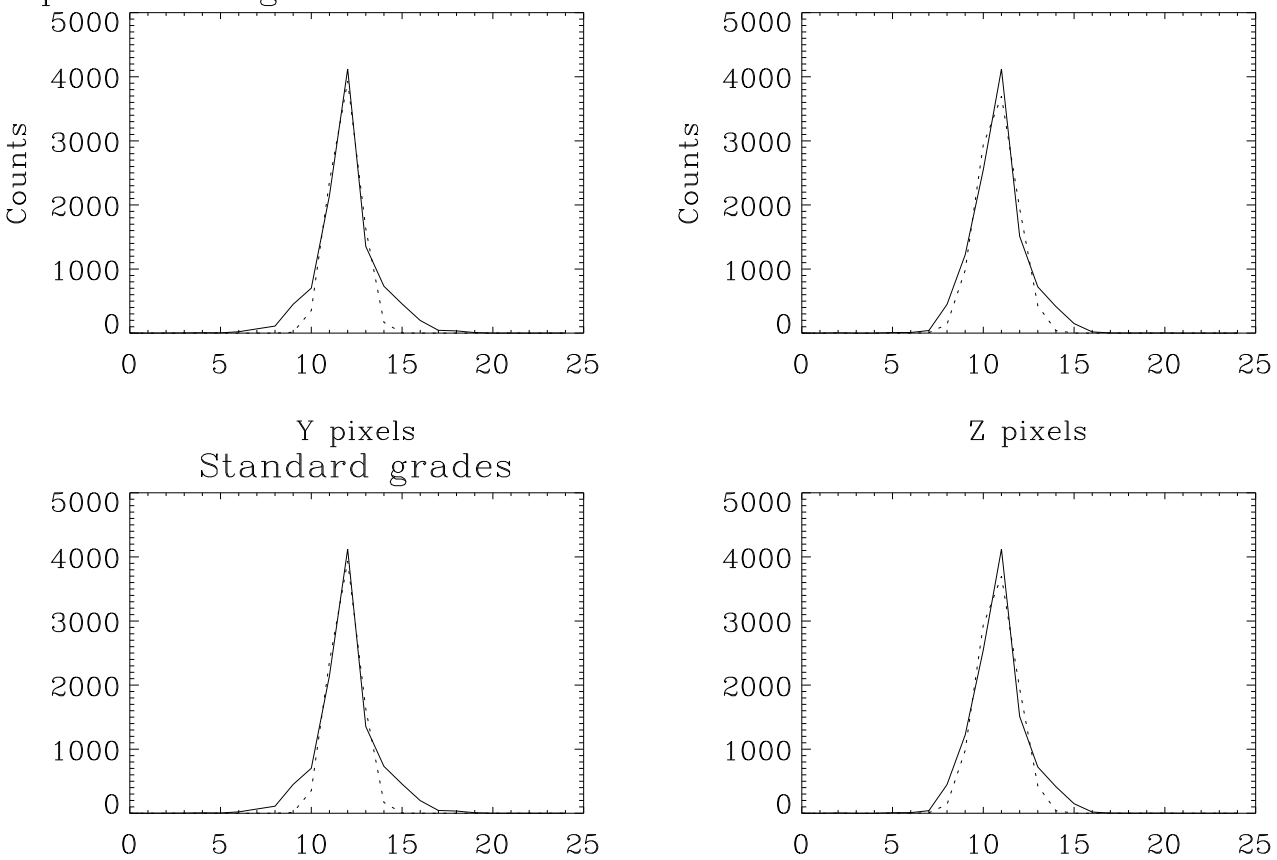
CM Centroid (Y,Z)

All grades	12.0659	10.9396
Std. grades	12.0659	10.9396

Brightest pixel maxima

All grades:	4121
Std. grades:	4121

Brightest pixel – All grades H–IAI–CR–1.001b_n1000



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

	Integrated	Analytical
All Y	8427.3142	8463.4976
Std Y	8427.3142	8463.4976
All Z	10156.256	10174.415
Std Z	10156.256	10174.415

	amplitude	offset	sigma	FWHM
All Y:	3982.4012	11.865822	0.84784201	1.9958202
Std Y:	3982.4012	11.865822	0.84784201	1.9958202
All Z:	3786.9897	10.762564	1.0718288	2.5230850
Std Z:	3786.9897	10.762564	1.0718288	2.5230850