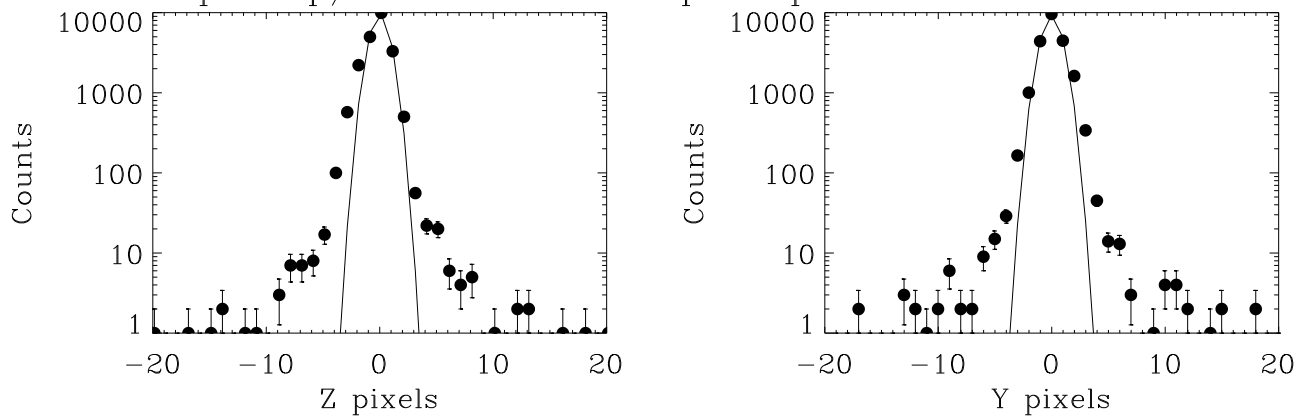
H-IAI-CR-1.001_p300_p/H-IAI-CR-1.001_p300_p.fits



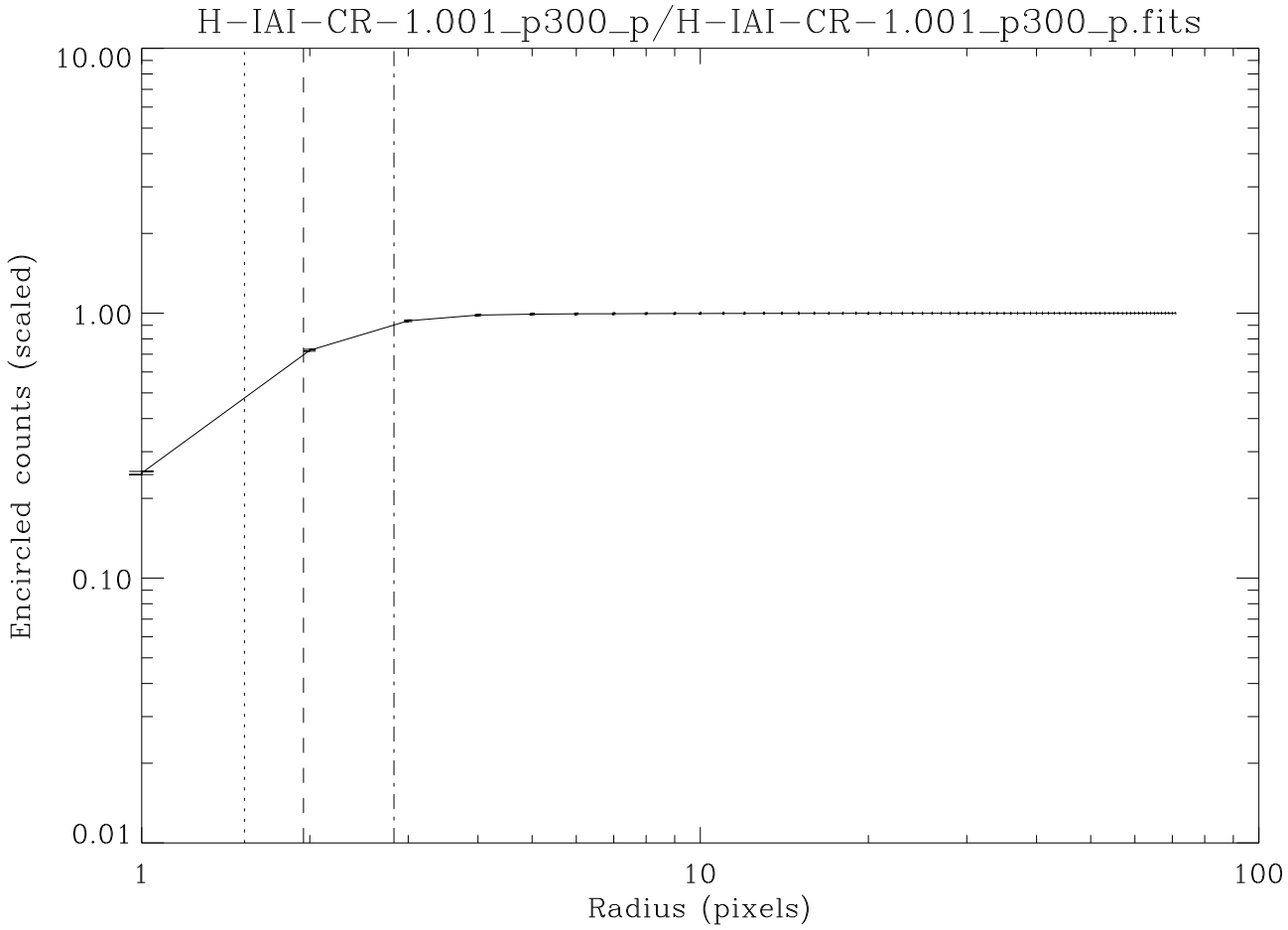
All measurements in pixels

Z gaussian FWHM = 1.9225989

Y gaussian FWHM = 2.0442388

Z fit parameters: Amplitude= 9723 Offset= 47 Sigma= 0

Y fit parameters: Amplitude= 9340 Offset= 50 Sigma= 0



Encircled energy radii in pixels

50% radius = 1.52749

70% radius = 1.94835

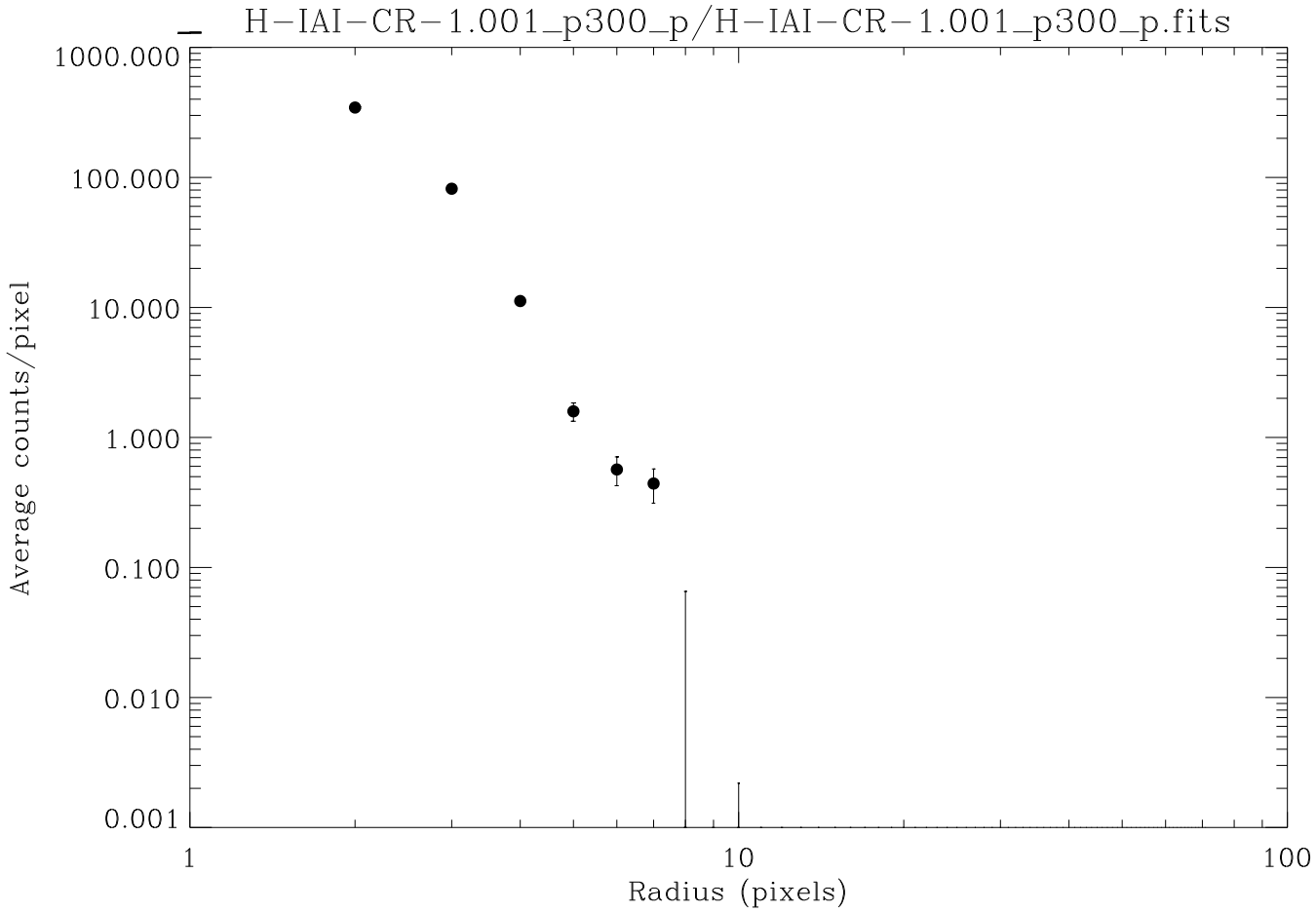
90% radius = 2.82936

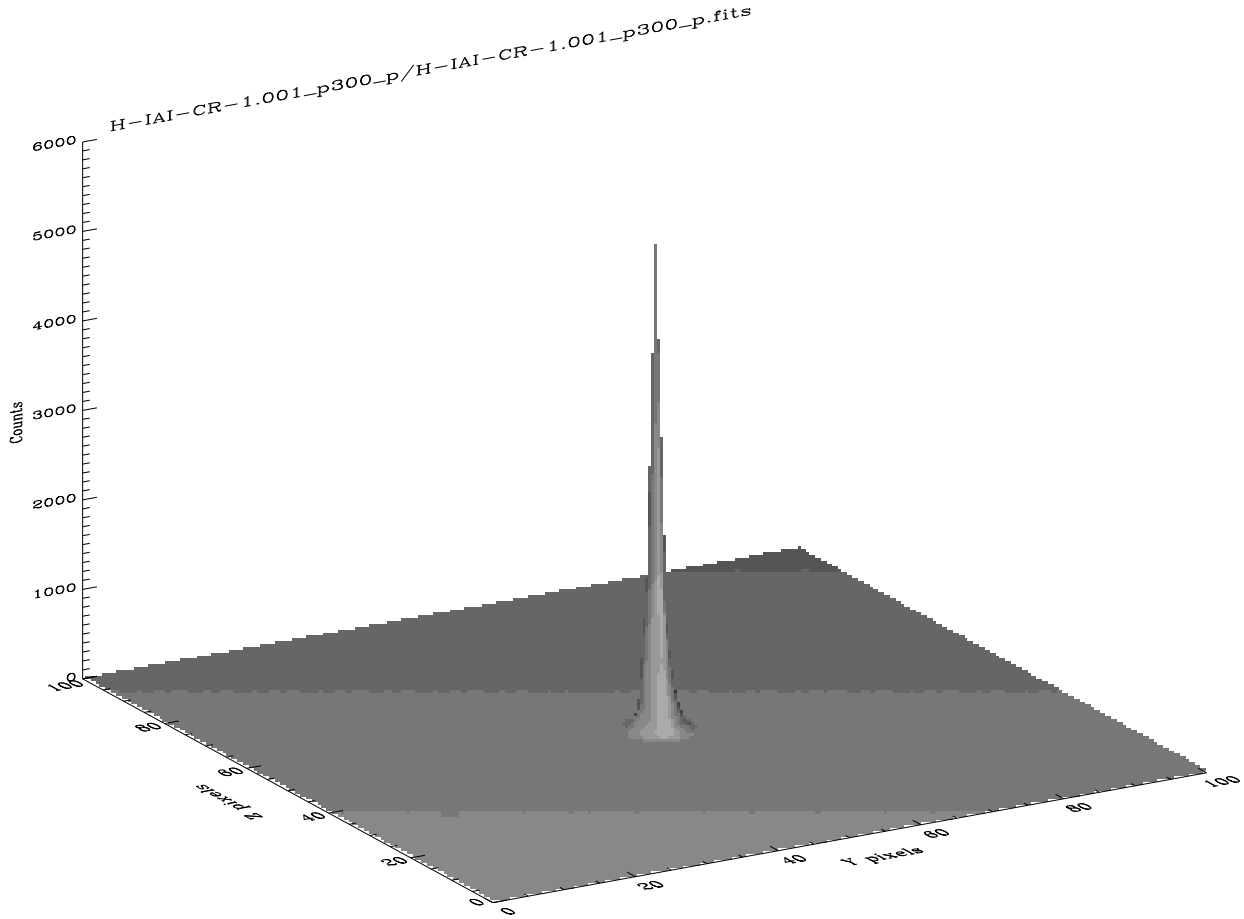
Encircled energy radii in microns

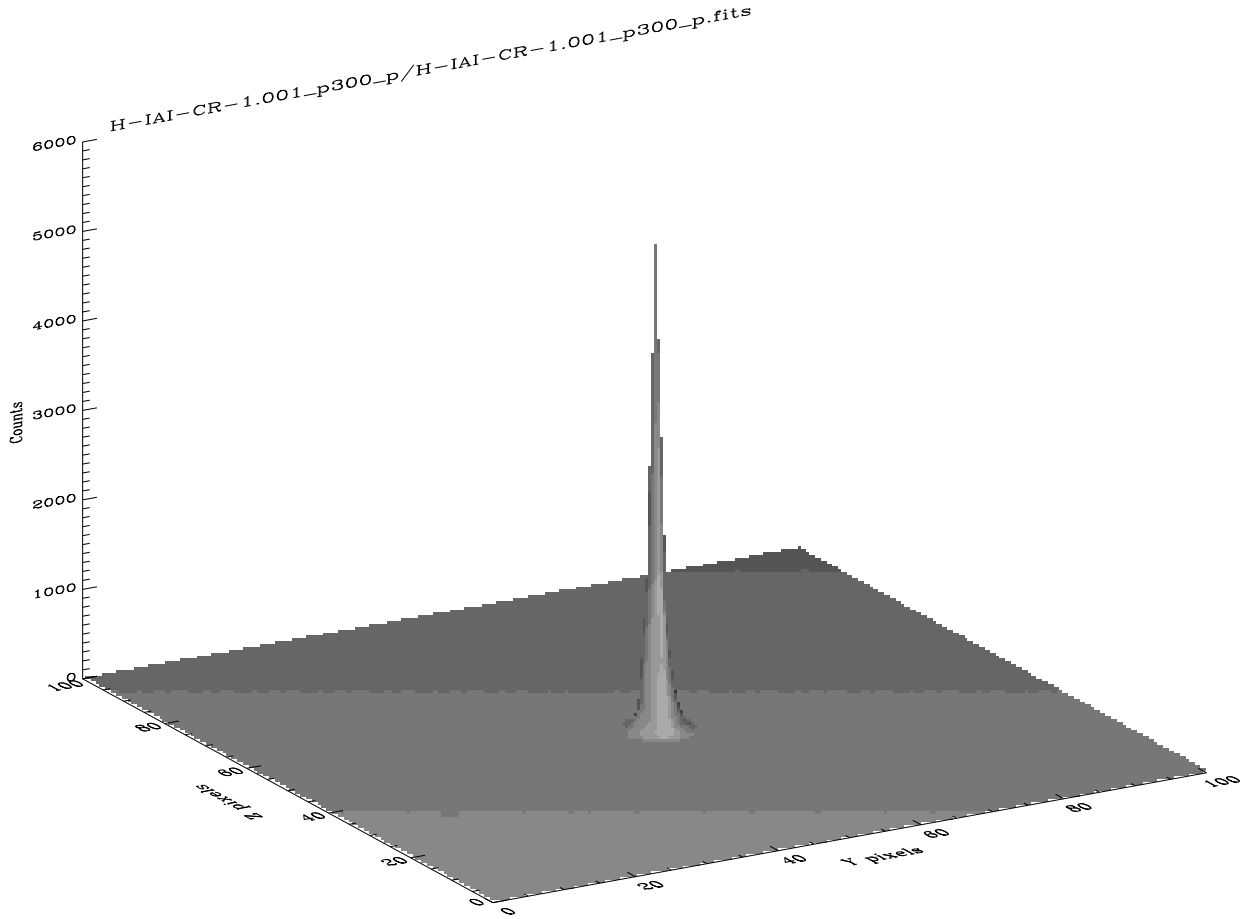
50% radius = 36.6598

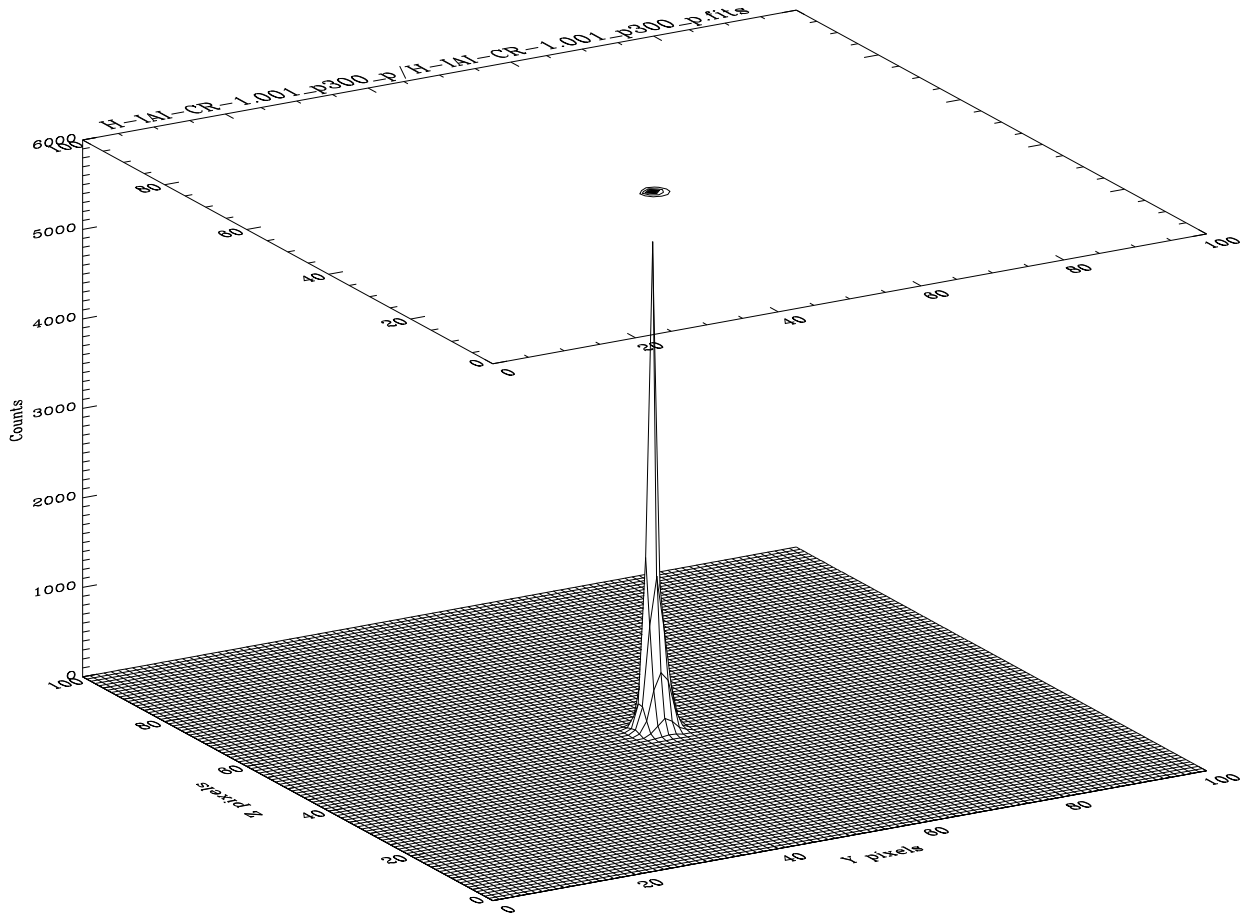
70% radius = 46.7603

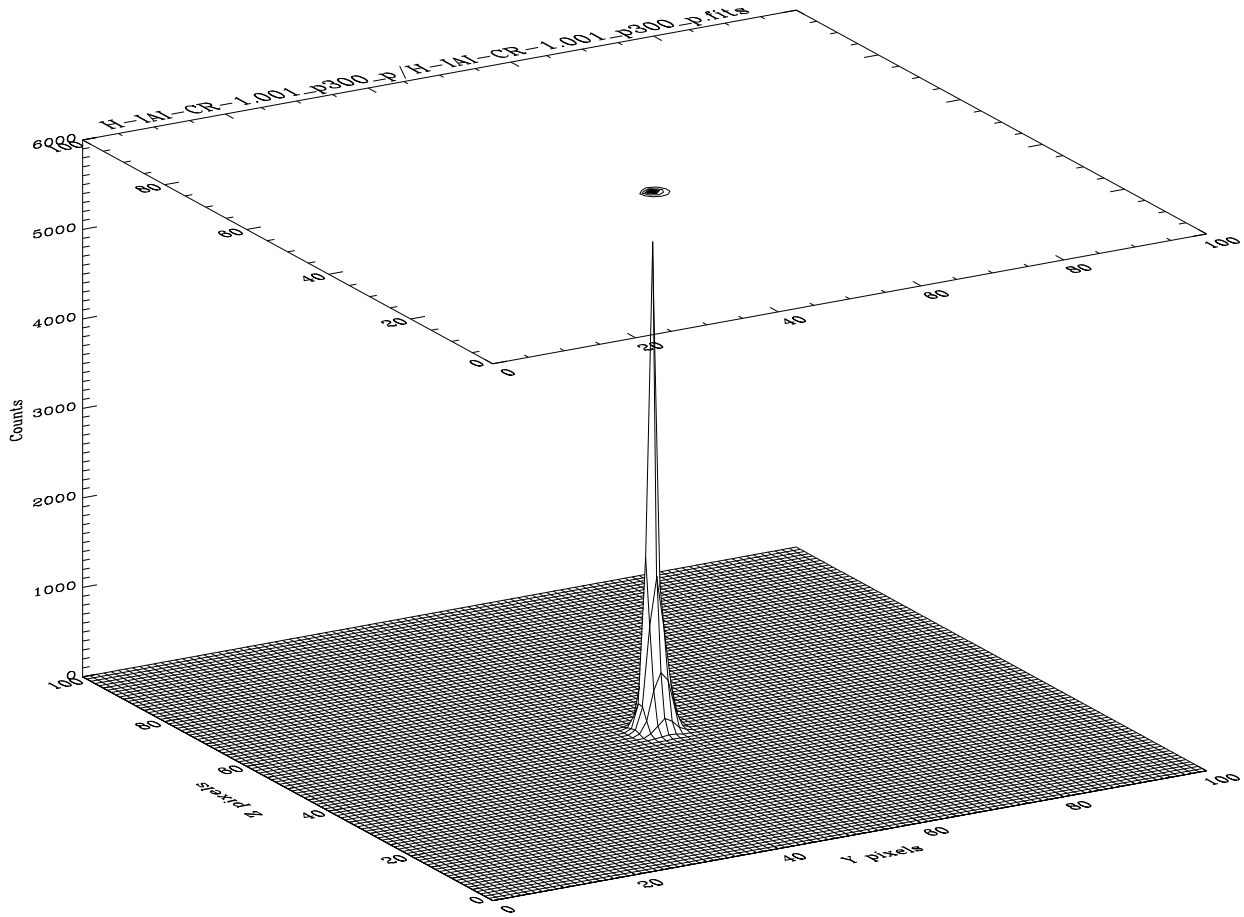
90% radius = 67.9047

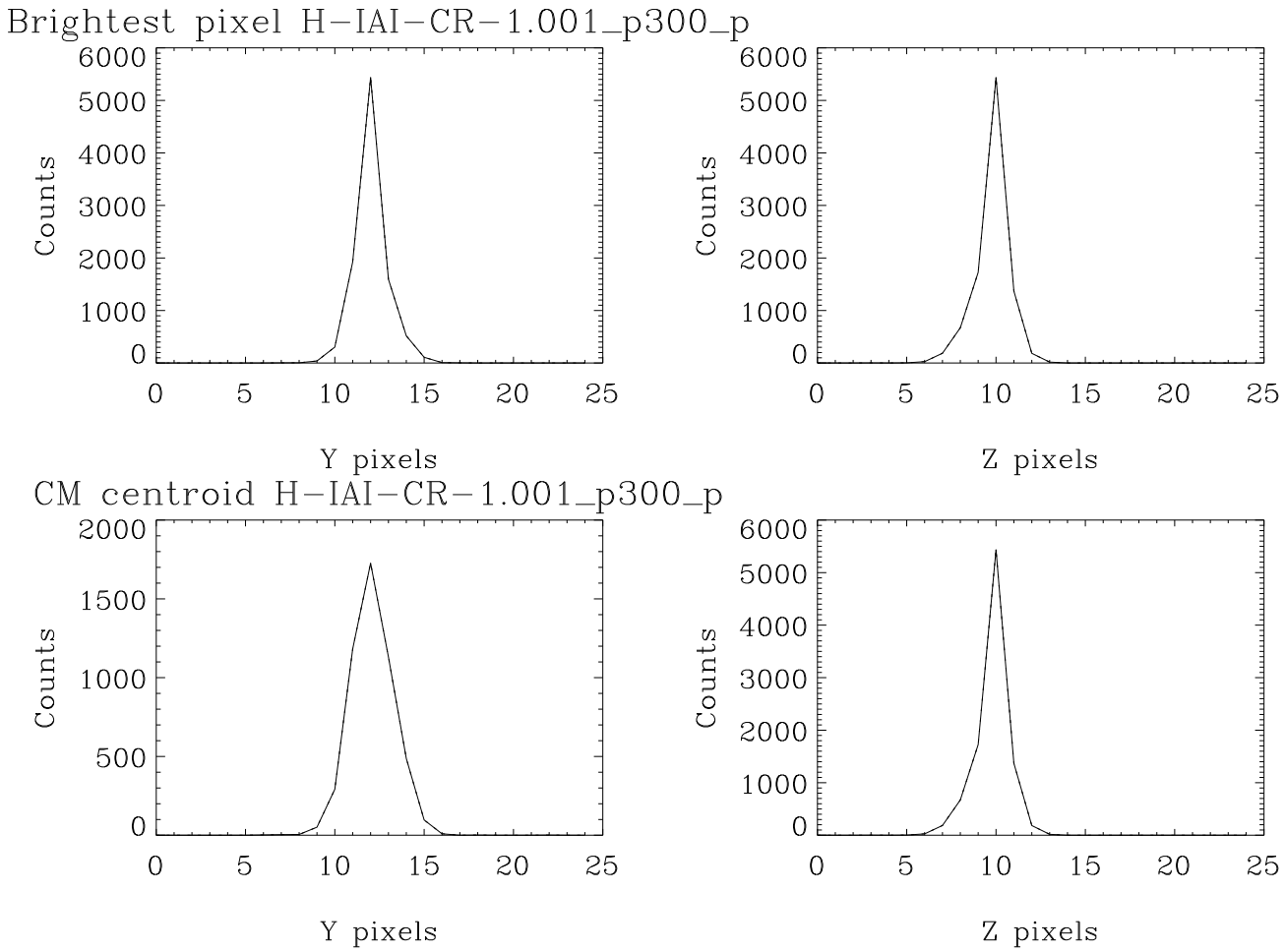

H-IAI-CR-1.001_p300_p/H-IAI-CR-1.001_p300_p.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H-IAI-CR-1.001-p300-p/H-IAI-CR-1.001-p300-p.fits
Counts
6000
5000
4000
3000
2000
1000
100
80
60
40
20
0
x pixels
0
20
40
60
80
100
y pixels


H-IAI-CR-1.001-p300-p/H-IAI-CR-1.001-p300-p.fits
Counts
6000
5000
4000
3000
2000
1000
100
80
60
40
20
0
x pixels
0
20
40
60
80
100
y pixels


H_1AI_CR_1.001_p300_p/H_1AI_CR_1.001_p300_p.fits
Counts
6000
5000
4000
3000
2000
1000
0
X pixels
Y pixels
0
20
40
60
80
100


H_1AI_CR_1.001_p300_p/H_1AI_CR_1.001_p300_p.fits
Counts
6000
5000
4000
3000
2000
1000
0
X pixels
Y pixels
0
20
40
60
80
100



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

Brightest pixel (Y,Z)

All grades	12	10
Std. grades	12	10

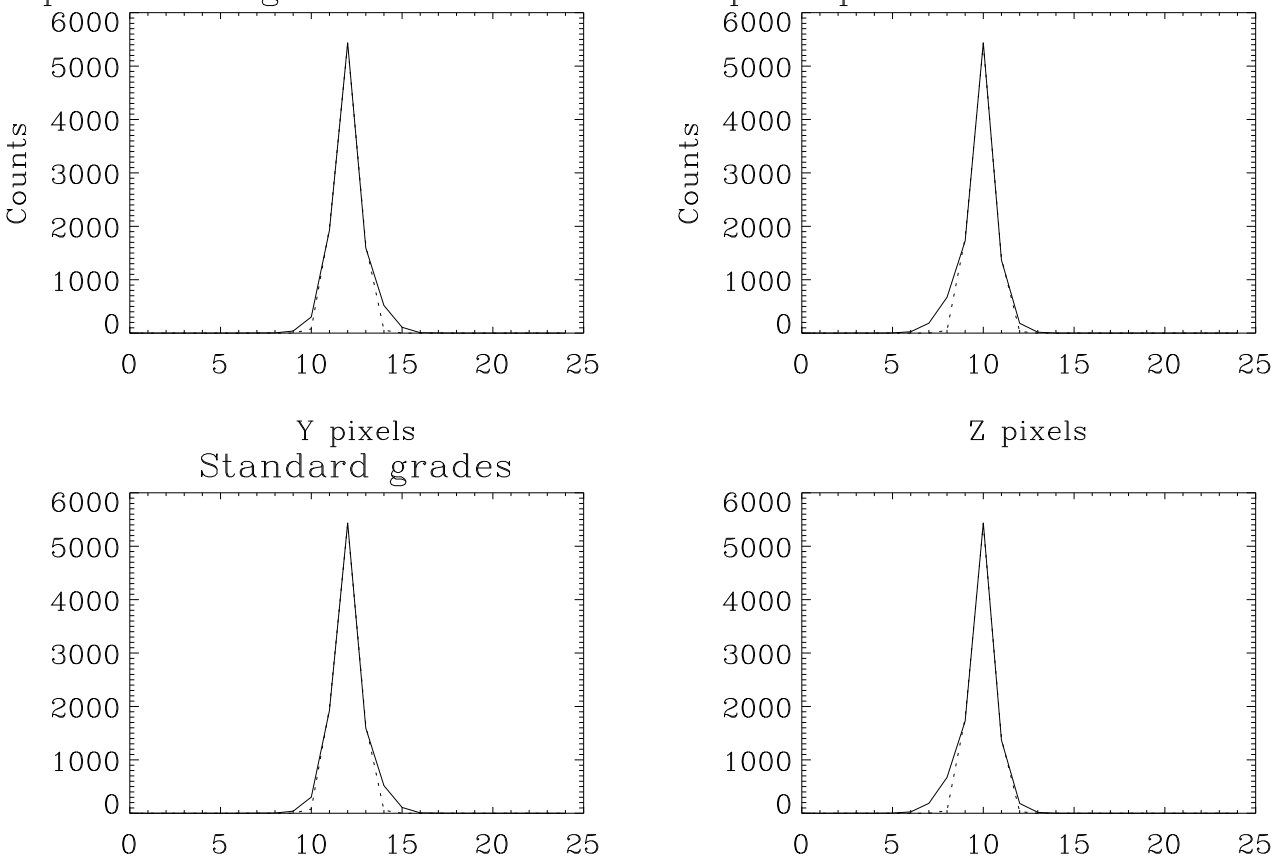
CM Centroid (Y,Z)

All grades	12.0870	9.67932
Std. grades	12.0870	9.67932

Brightest pixel maxima

All grades:	5439
Std. grades:	5439

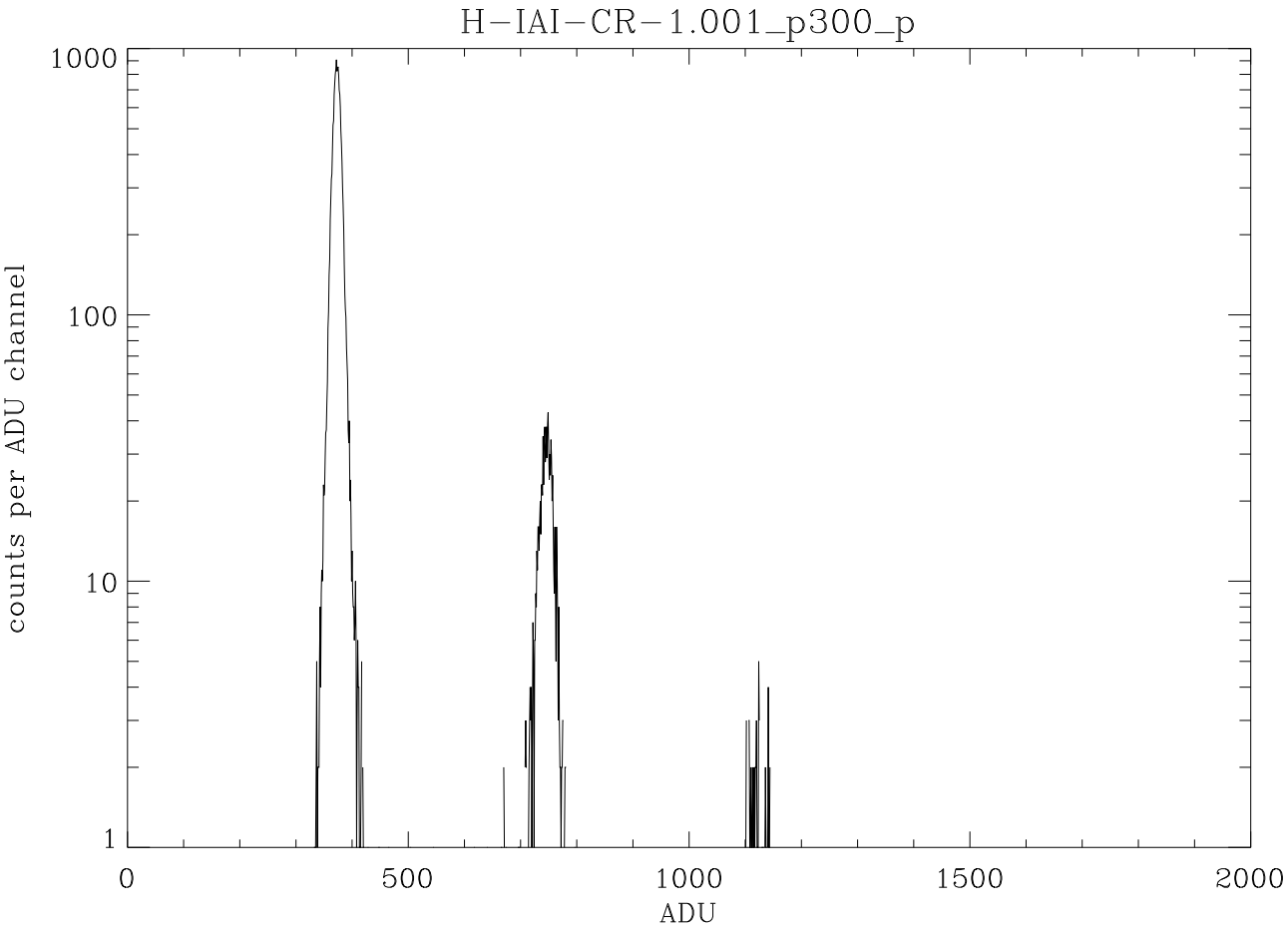
Brightest pixel - All grades H-IAI-CR-1.001_p300_p

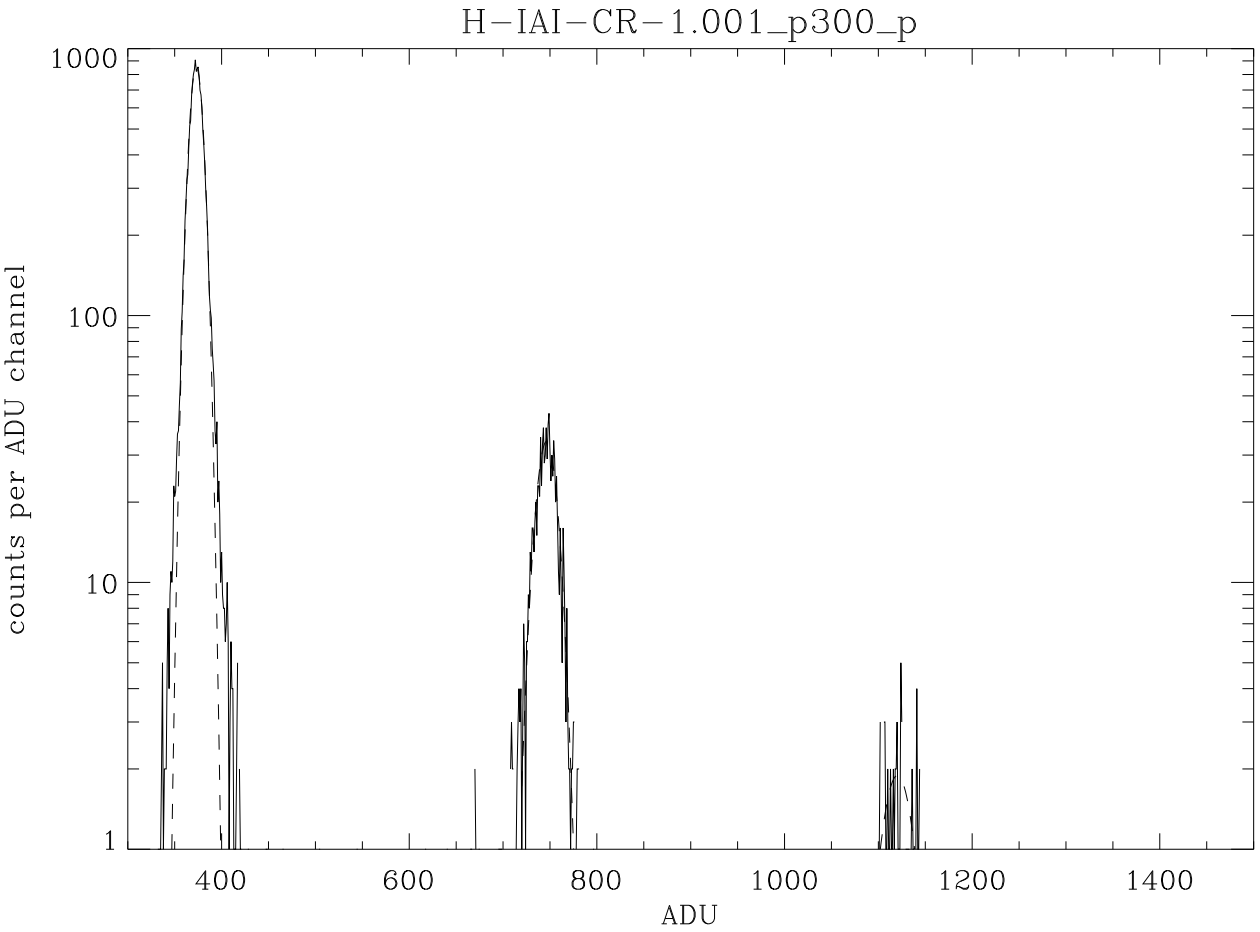


Total counts (area under gaussians, shown by dotted line)

	Integrated	Analytical
All Y	8586.8050	9165.3431
Std Y	8586.8050	9165.3431
All Z	7469.2834	8678.7590
Std Z	7469.2834	8678.7590

	amplitude	offset	sigma	FWHM
All Y:	5423.7990	11.960758	0.67414793	1.5869443
Std Y:	5423.7990	11.960758	0.67414793	1.5869443
All Z:	5435.0100	9.9513961	0.63704095	1.4995944
Std Z:	5435.0100	9.9513961	0.63704095	1.4995944


H−IAI−CR−1.001_p300_p
1000
100
10
1
counts per ADU channel
0
500
1000
1500
2000
ADU



area1 = 15204.213

area2 = 911.04668

area3 = 68.671992

Analytical area estimates = 15204.210 917.78813 76.716485

	amplitude	offset	sigma
gaussian1:	854.43586	373.00847	7.0989557
gaussian2:	33.791499	746.43745	10.835403
gaussian3:	1.8929619	1120.3760	16.168022

Pileup fraction, photons = 0.11769217
Pileup fraction, area = 0.060536506