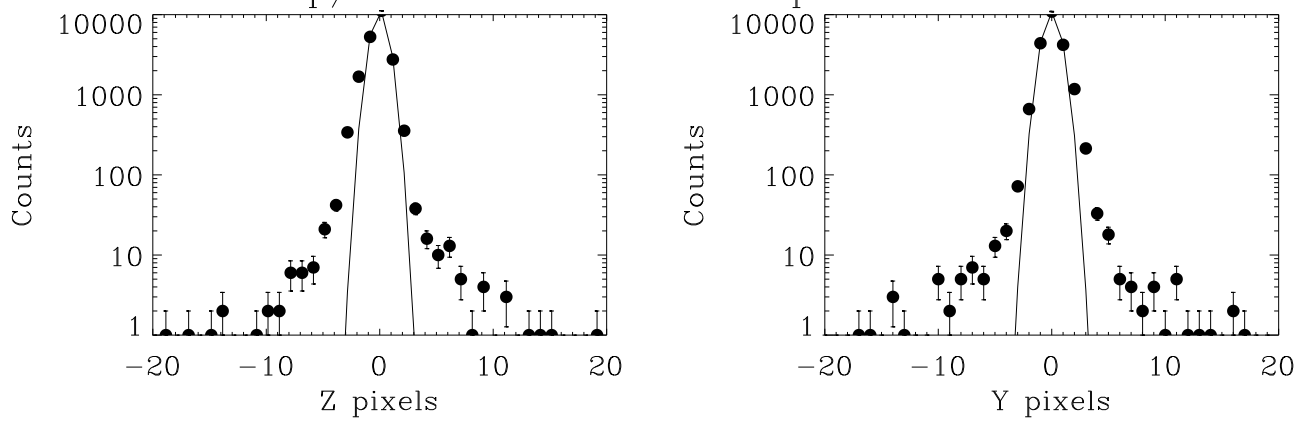
H-IAI-CR-1.001_n300_p/H-IAI-CR-1.001_n300_p.fits



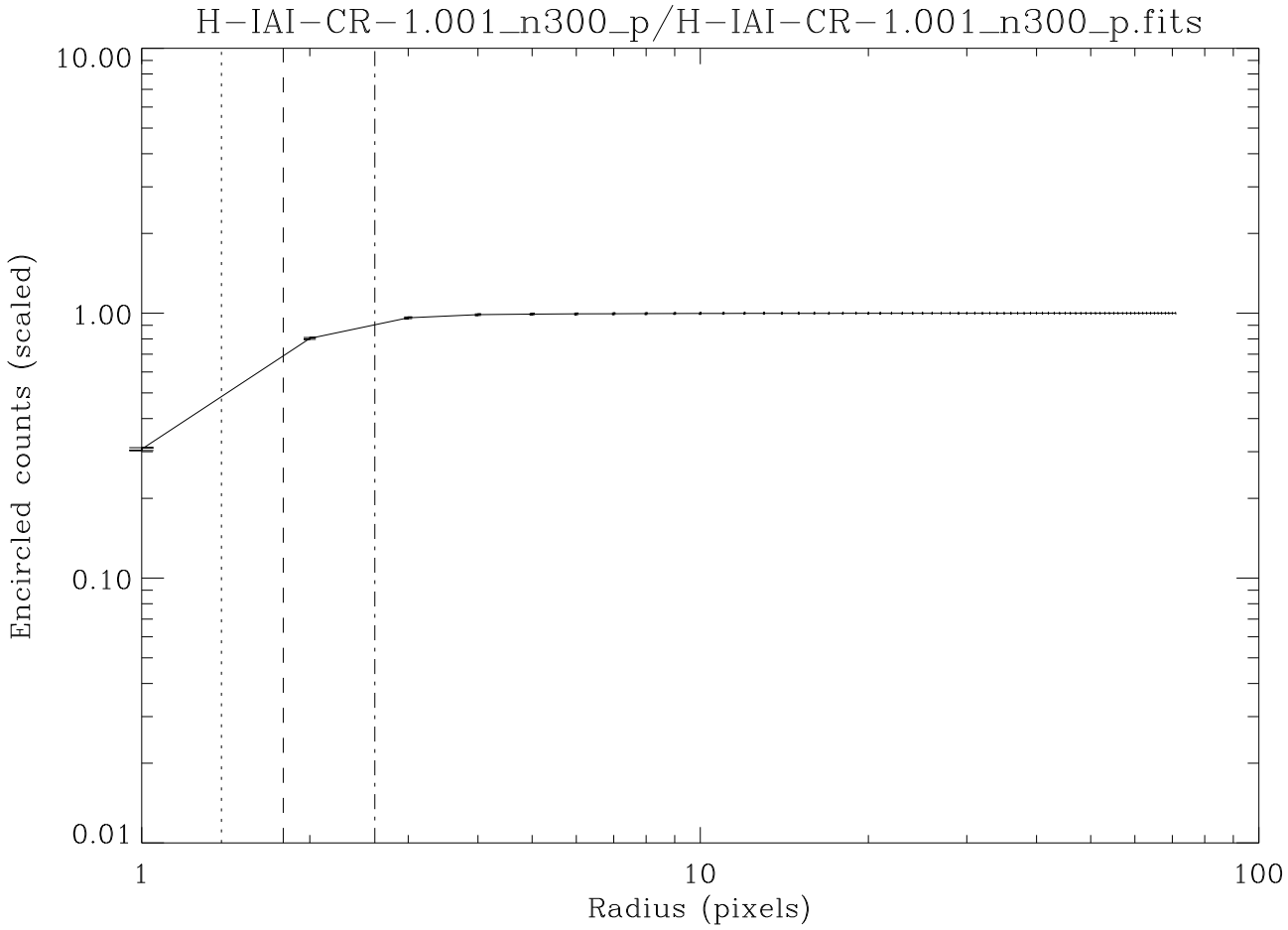
All measurements in pixels

Z gaussian FWHM = 1.6628960

Y gaussian FWHM = 1.7715990

Z fit parameters: Amplitude= 11321 Offset= 47 Sigma= 0

Y fit parameters: Amplitude= 10820 Offset= 49 Sigma= 0



Encircled energy radii in pixels

50% radius = 1.38927

70% radius = 1.79236

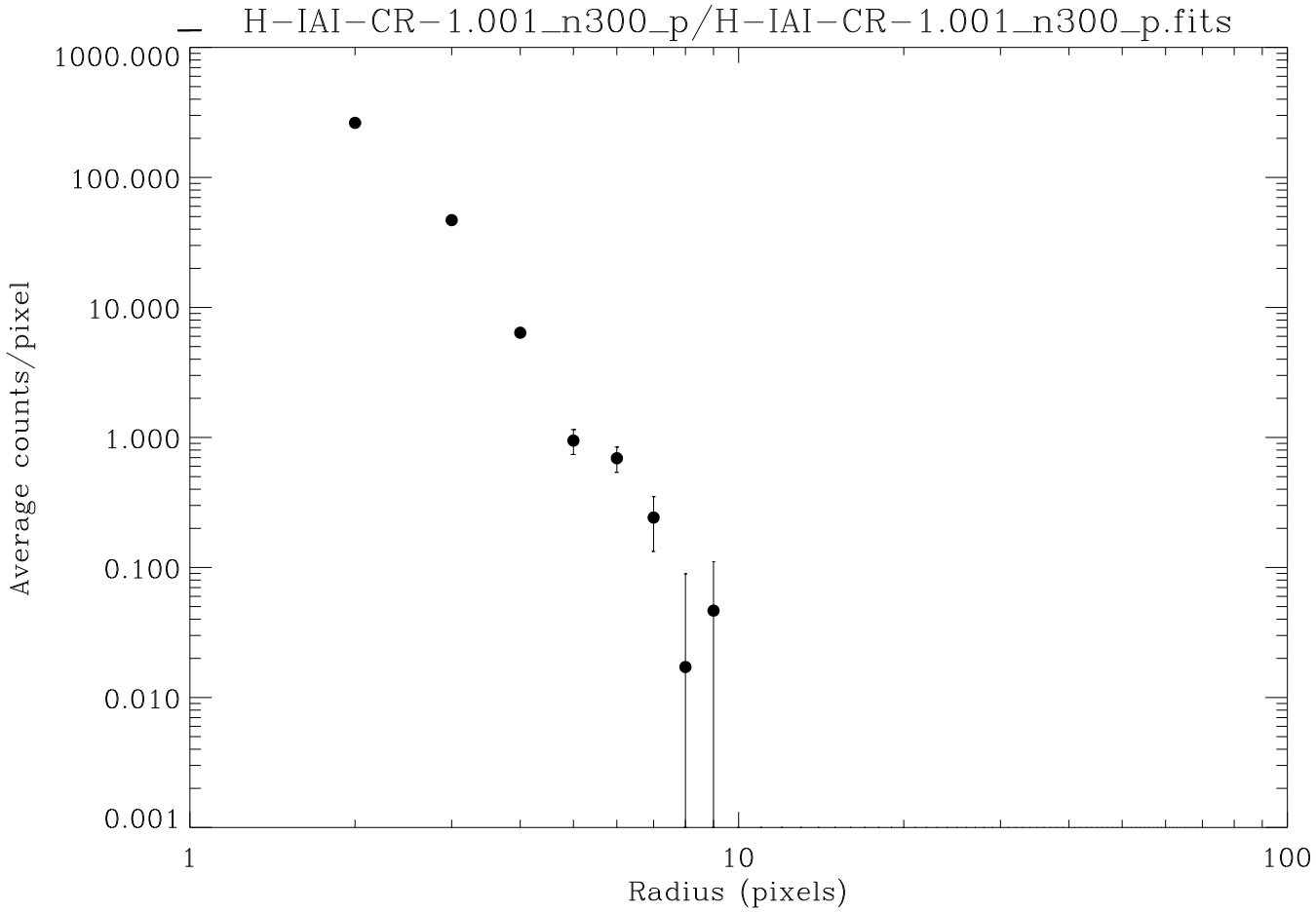
90% radius = 2.61443

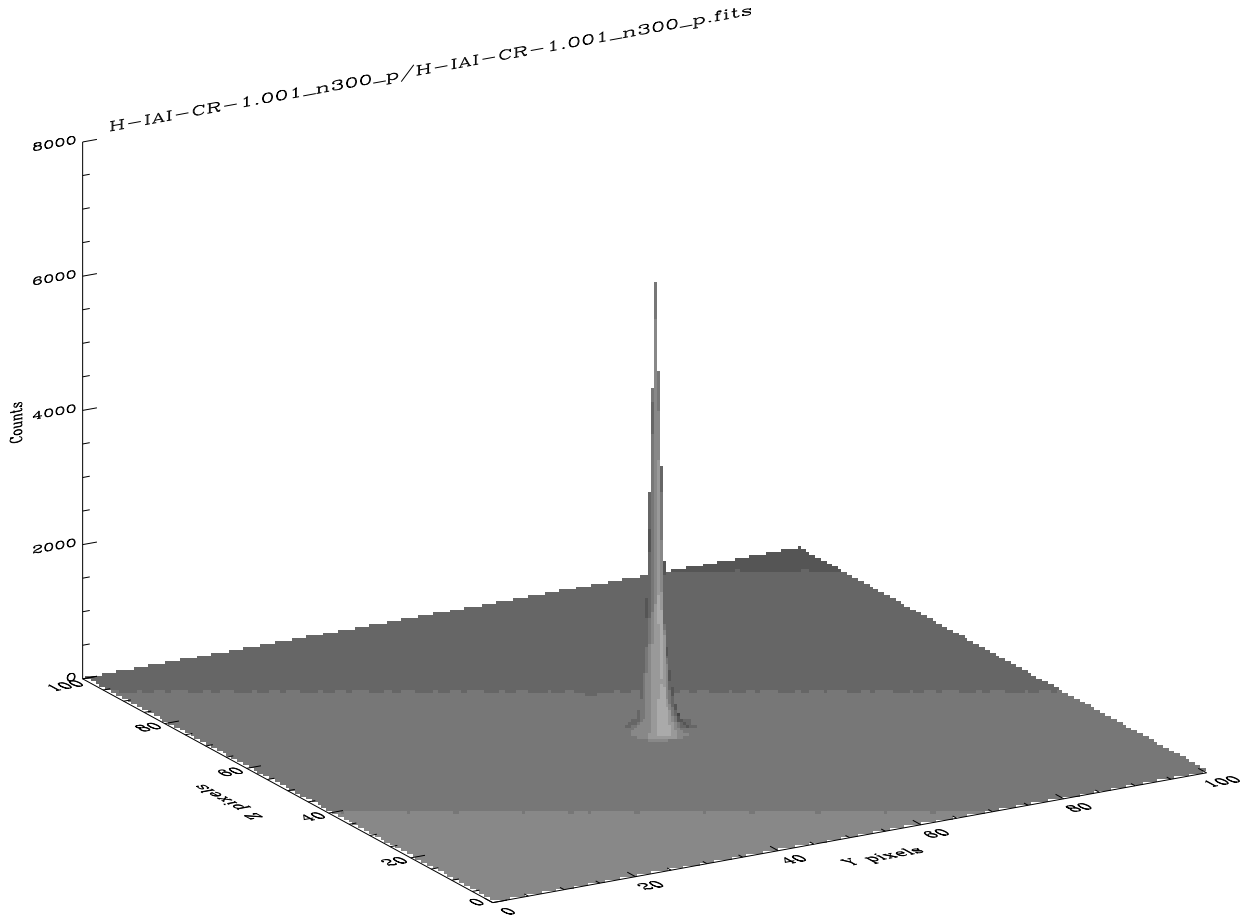
Encircled energy radii in microns

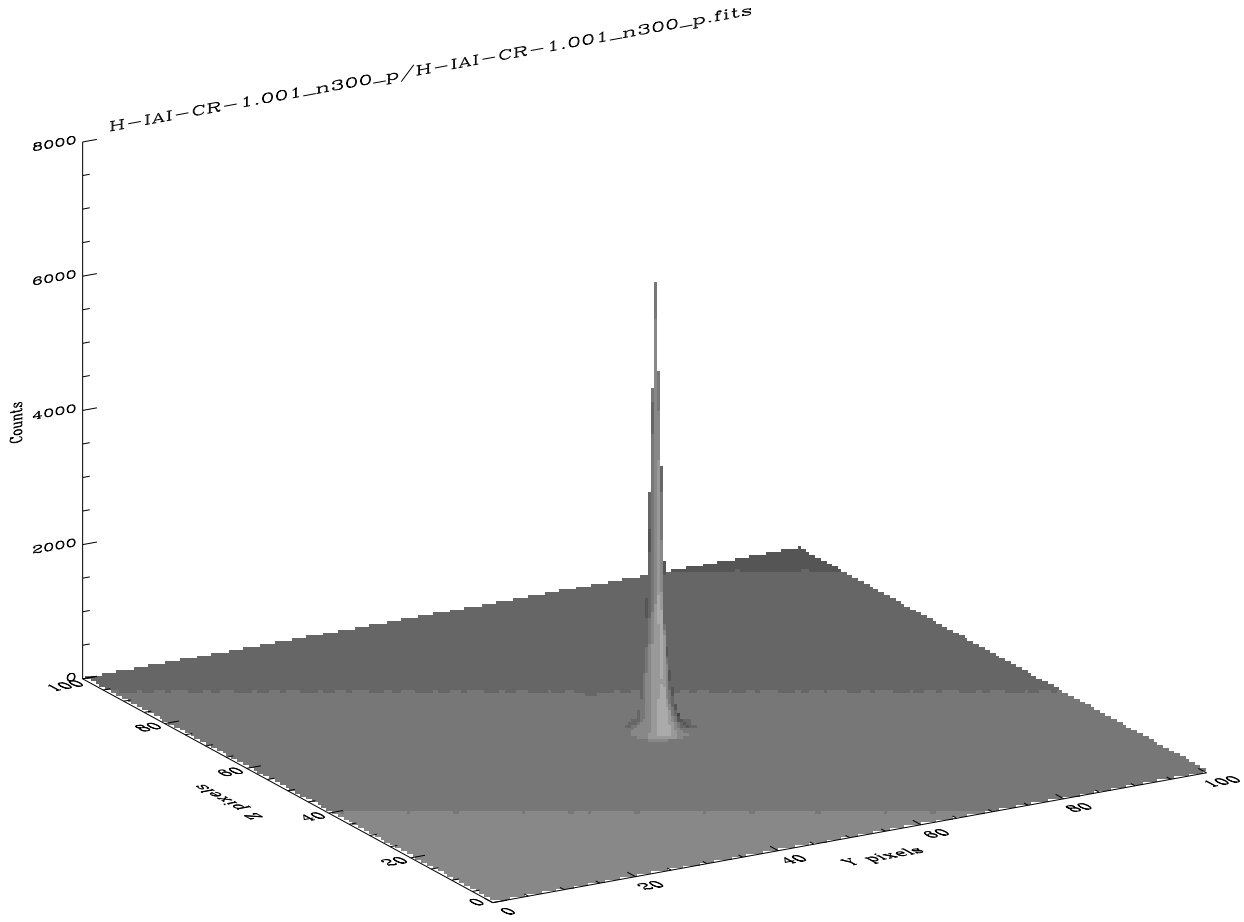
50% radius = 33.3426

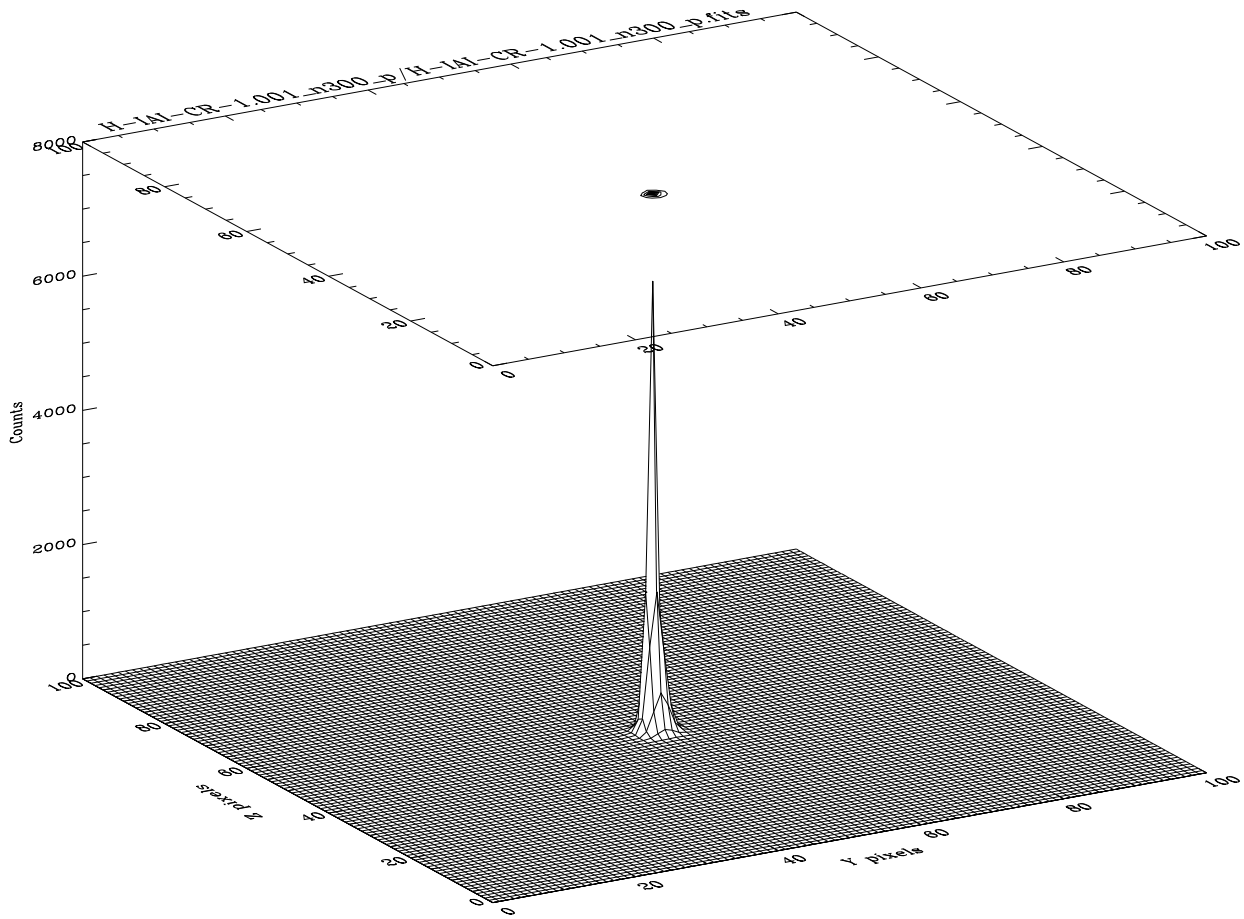
70% radius = 43.0166

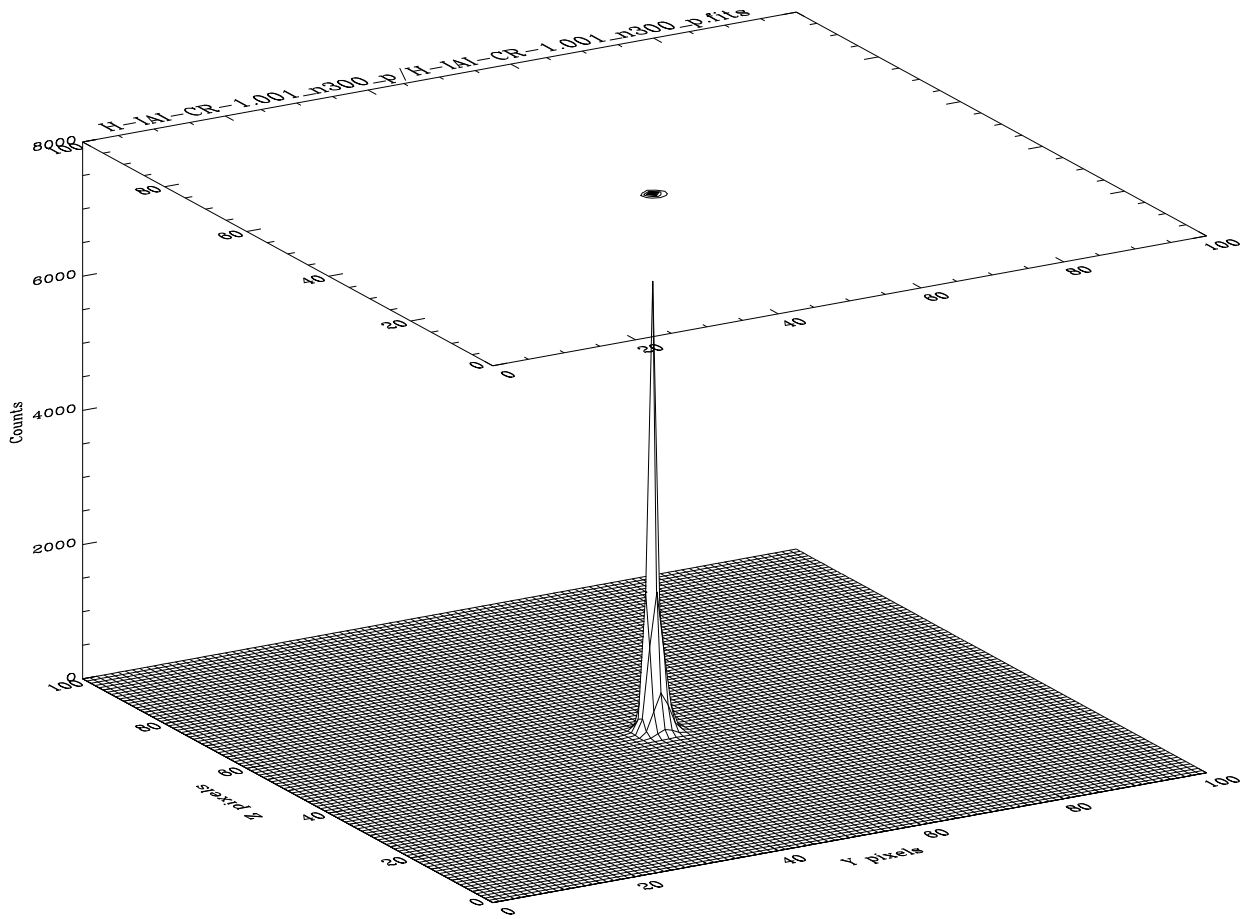
90% radius = 62.7464

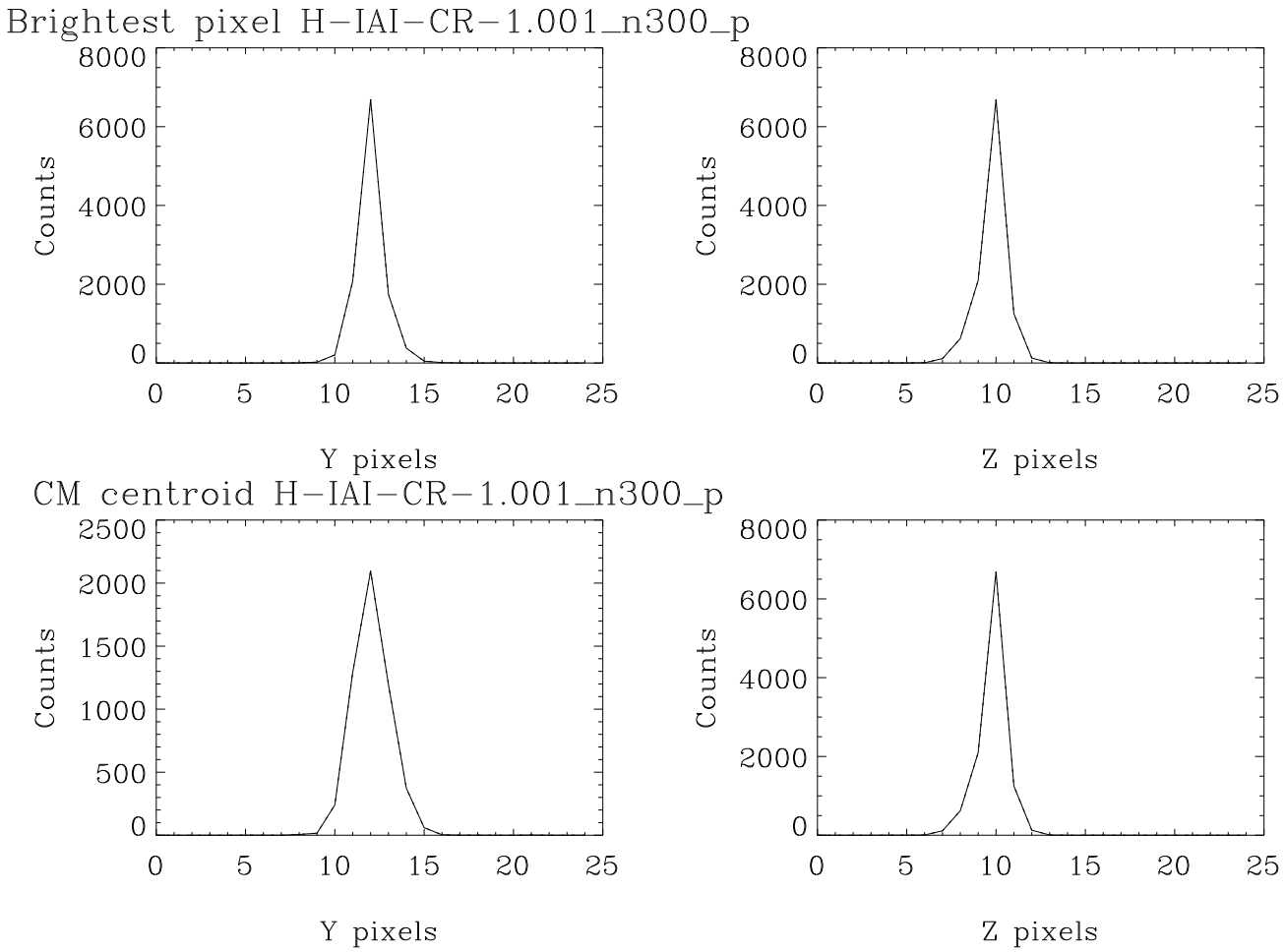

H-IAI-CR-1.001_n300_p/H-IAI-CR-1.001_n300_p.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H-IAI-CR-1.001_n300_p/H-IAI-CR-1.001_n300_p.fits
8000
6000
4000
2000
Counts
100
80
60
40
20
0
x pixels
0
20
40
60
80
100
y pixels


H-IAI-CR-1.001_n300_p/H-IAI-CR-1.001_n300_p.fits
8000
6000
4000
2000
Counts
100
80
60
40
20
0
x pixels
0
20
40
60
80
100
y pixels


H_1AI_CR_1.001_n300_p/H_1AI_CR_1.001_n300_p.fits
8000
6000
4000
2000
Counts
0
20
40
60
80
100
X pixels
Y pixels


H_1AI_CR_1.001_n300_p/H_1AI_CR_1.001_n300_p.fits
8000
6000
4000
2000
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	10
Std. grades	12	10

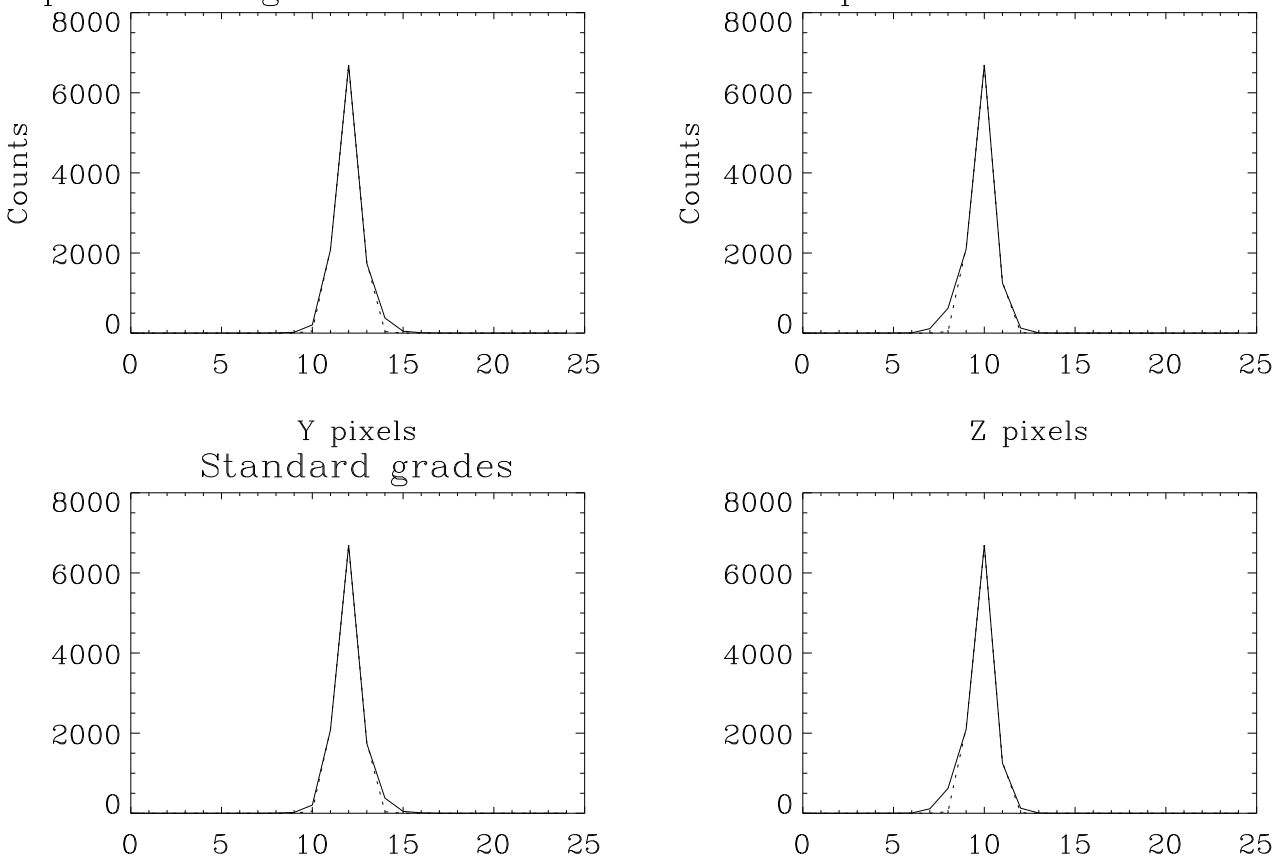
CM Centroid (Y,Z)

All grades	12.0609	9.71421
Std. grades	12.0609	9.71421

Brightest pixel maxima

All grades:	6694
Std. grades:	6694

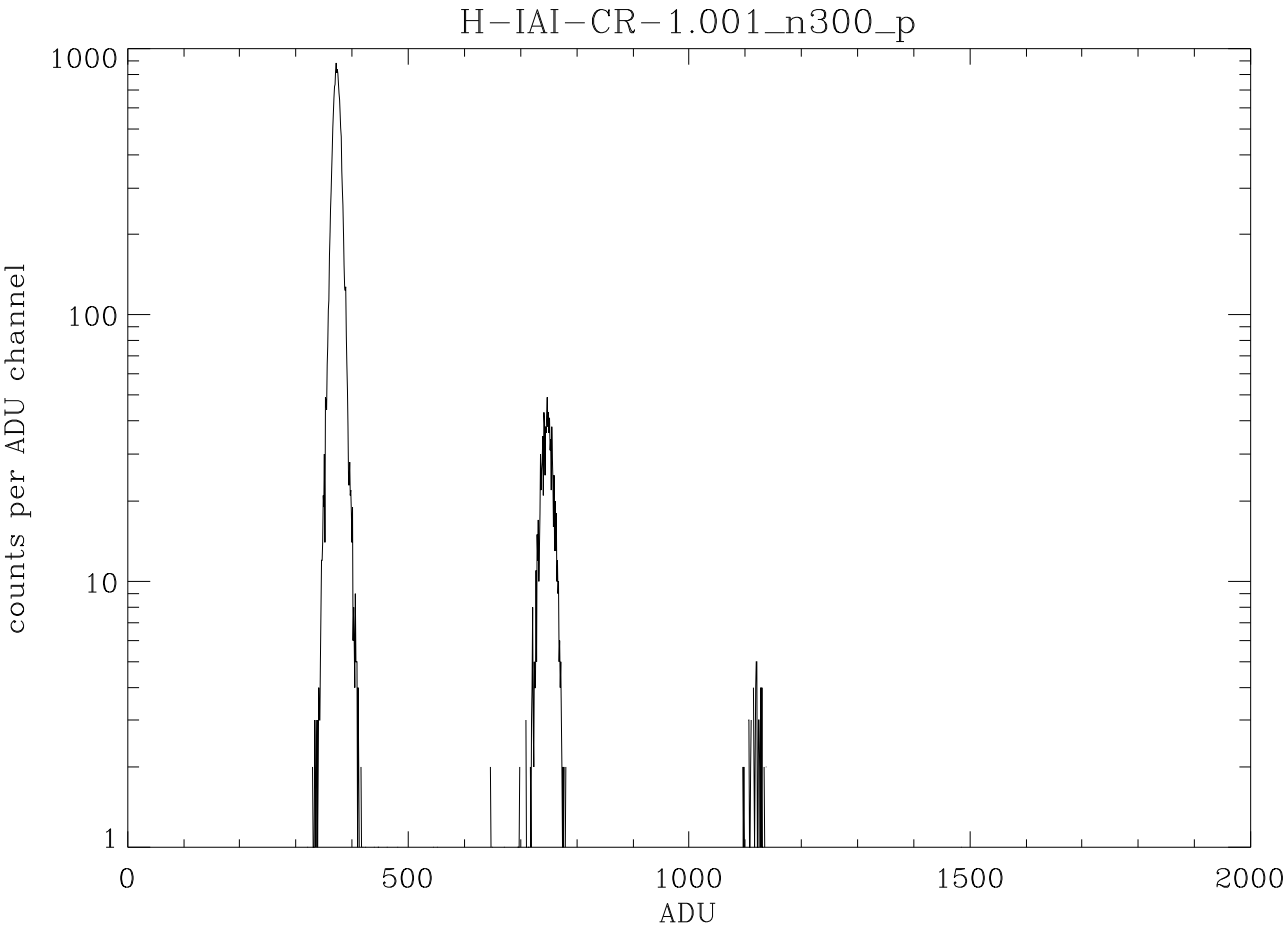
Brightest pixel – All grades H-IAI-CR-1.001_n300_p

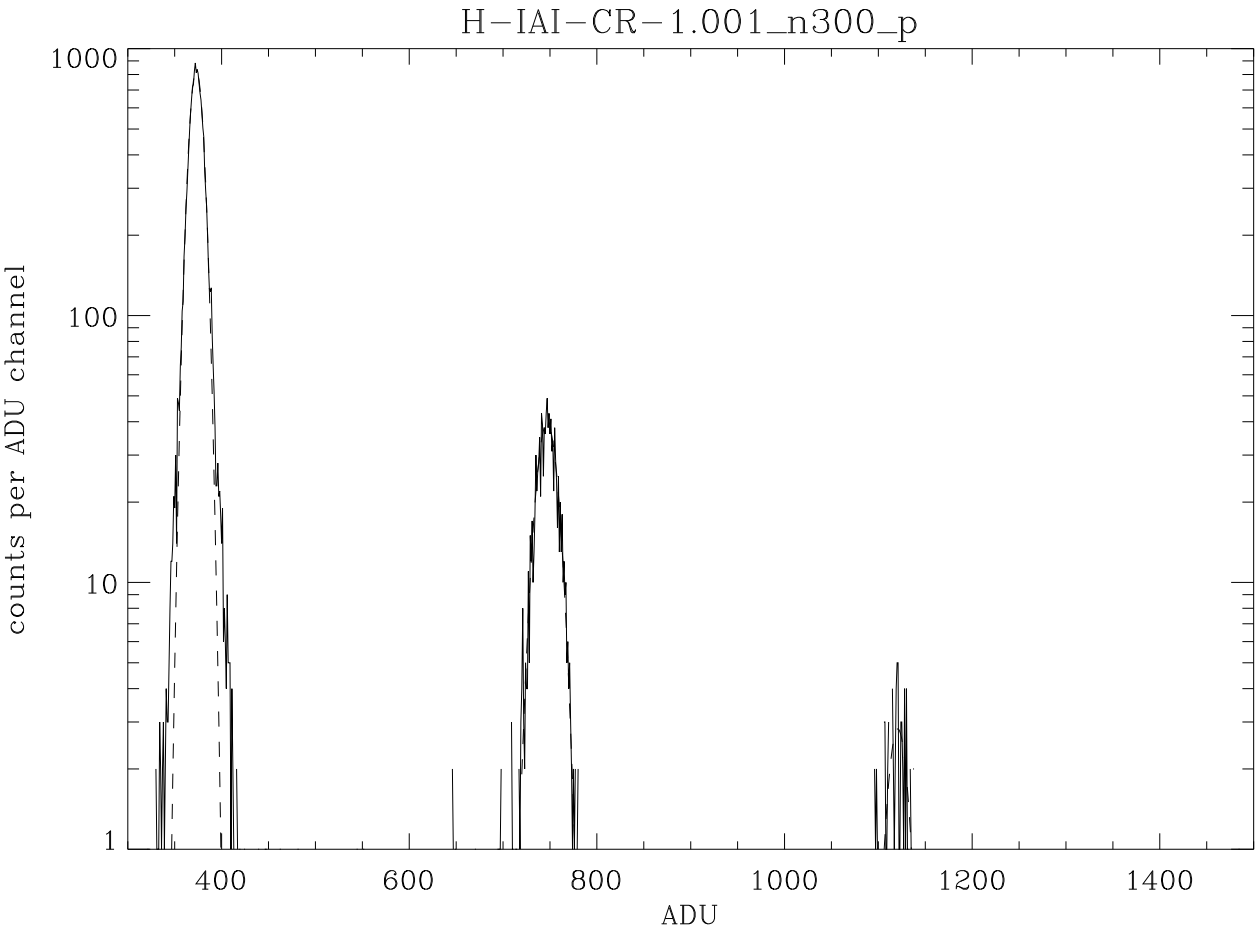


Total counts (area under gaussians, shown by dotted line)

	Integrated	Analytical
All Y	9706.4263	10635.690
Std Y	9706.4263	10635.690
All Z	8443.7227	10130.412
Std Z	8443.7227	10130.412

	amplitude	offset	sigma	FWHM
All Y:	6693.7840	11.966346	0.63387560	1.4921432
Std Y:	6693.7840	11.966346	0.63387560	1.4921432
All Z:	6761.7831	9.9081698	0.59768996	1.4069622
Std Z:	6761.7831	9.9081698	0.59768996	1.4069622


H−IAI−CR−1.001_n300_p
1000
100
10
1
counts per ADU channel
0
500
1000
1500
2000
ADU



area1 = 14868.321

area2 = 1072.7638

area3 = 69.893826

Analytical area estimates = 14868.318 1080.2448 71.288506

	amplitude	offset	sigma
gaussian1:	827.94832	373.02317	7.1642162
gaussian2:	39.475187	746.86825	10.917119
gaussian3:	2.8268852	1120.7534	10.060543

Pileup fraction, photons = 0.13674369
Pileup fraction, area = 0.071367131