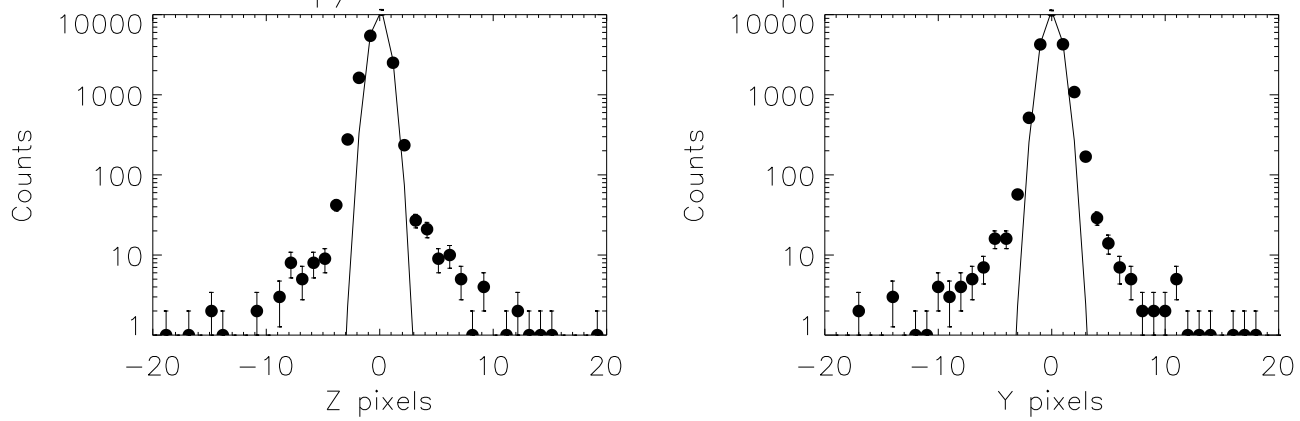
H-IAI-CR-1.001_n100_p/H-IAI-CR-1.001_n100_p.fits



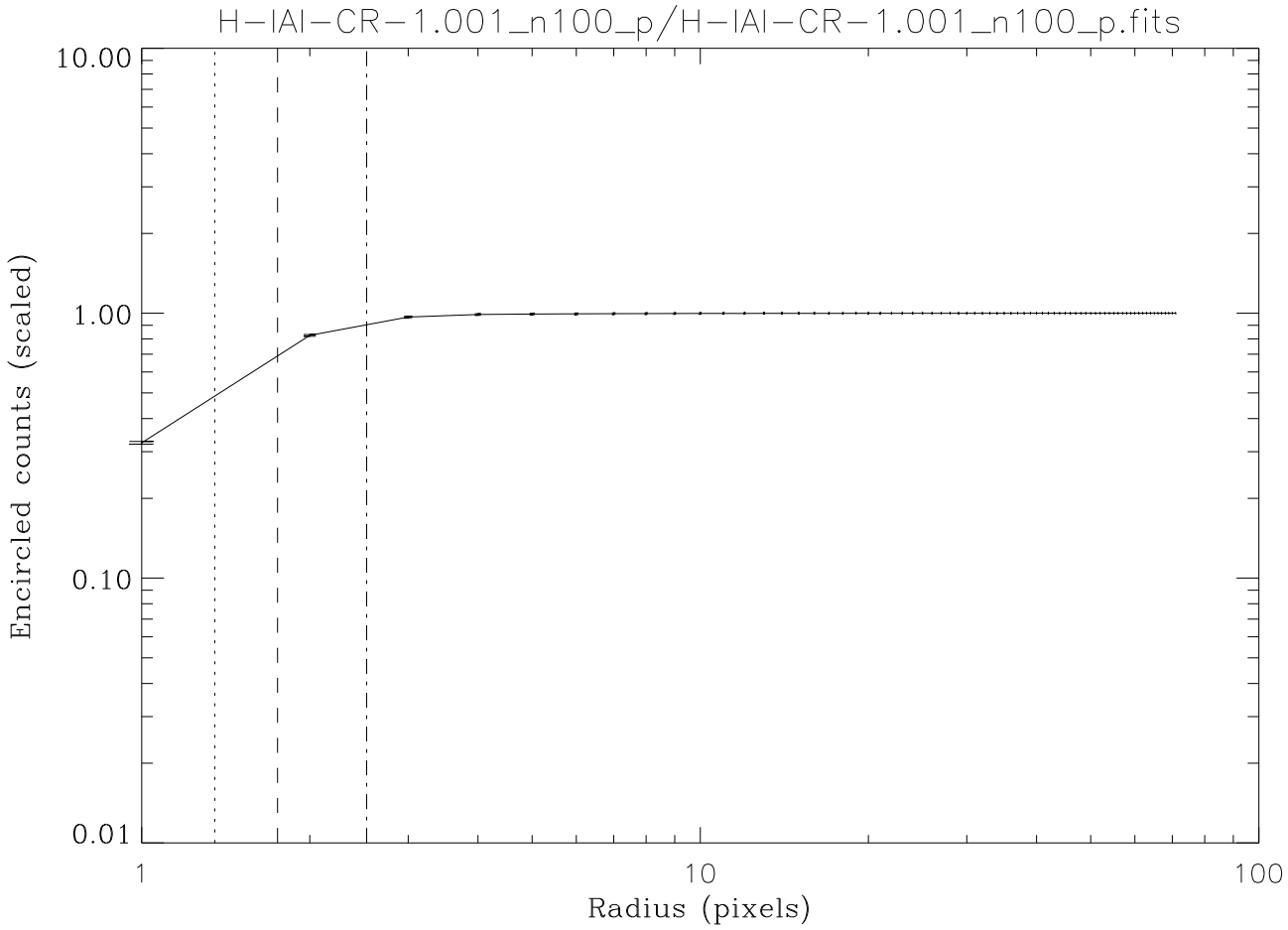
All measurements in pixels

Z gaussian FWHM = 1.6078655

Y gaussian FWHM = 1.7163397

Z fit parameters: Amplitude= 11791 Offset= 47 Sigma= 0

Y fit parameters: Amplitude= 11247 Offset= 50 Sigma= 0



Encircled energy radii in pixels

50% radius = 1.35151

70% radius = 1.75105

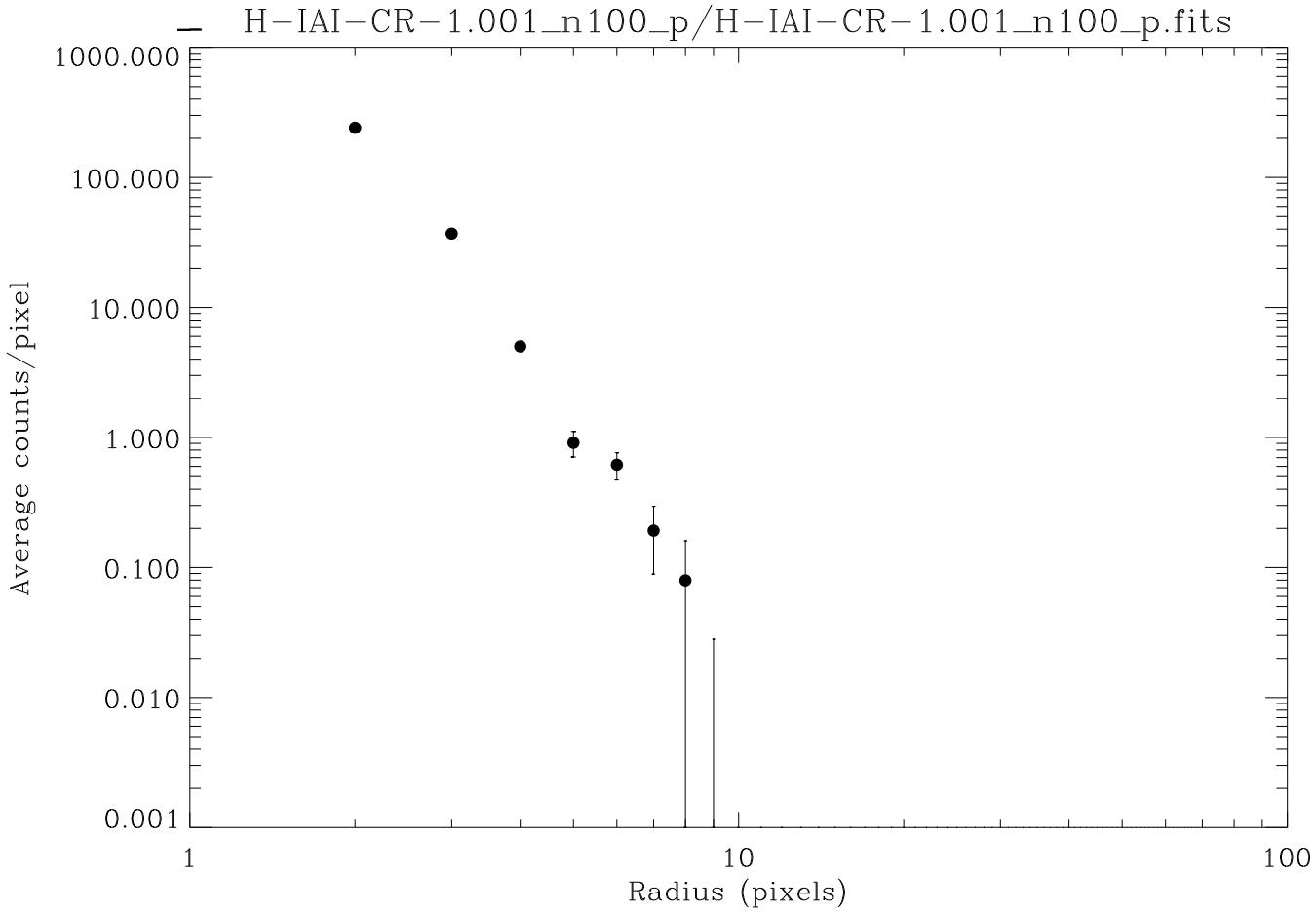
90% radius = 2.52793

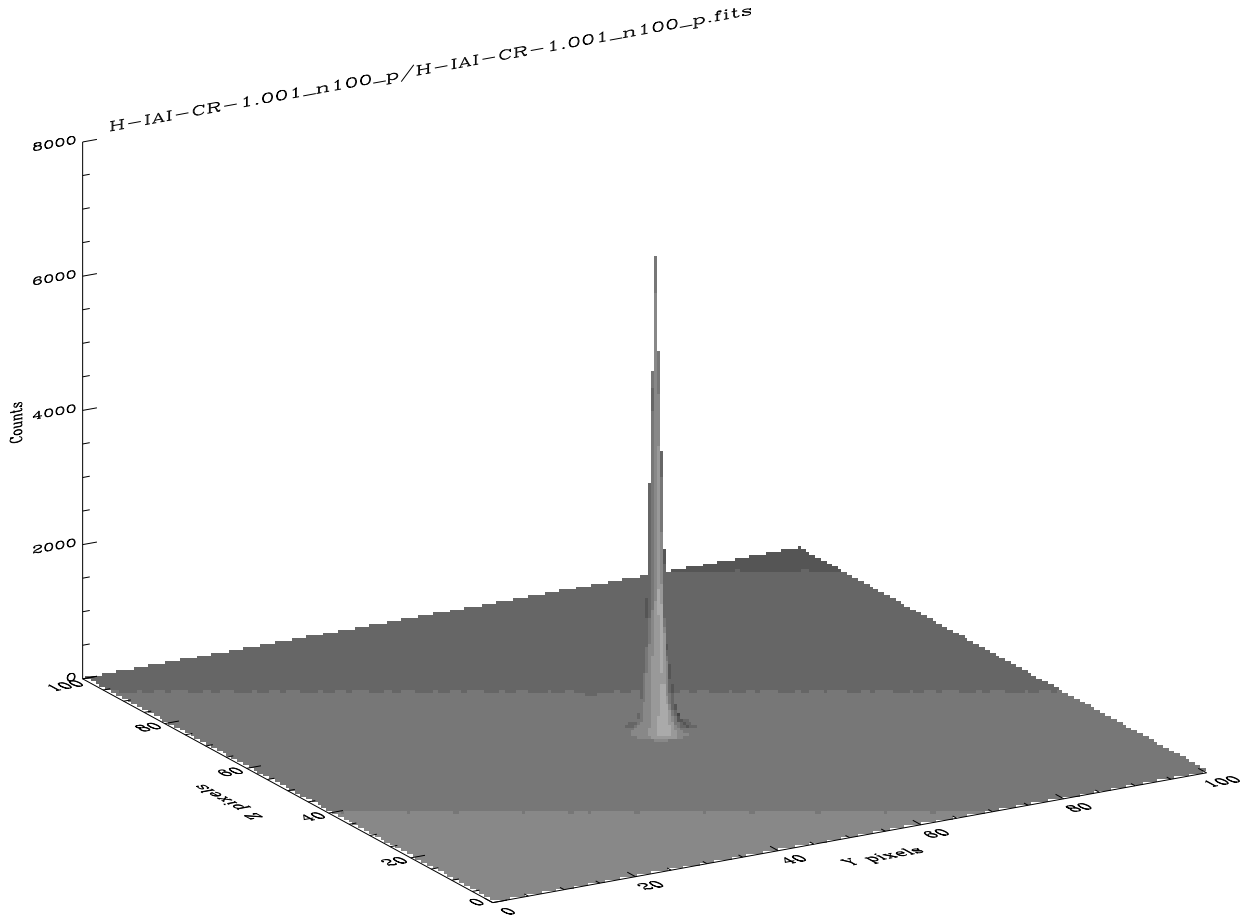
Encircled energy radii in microns

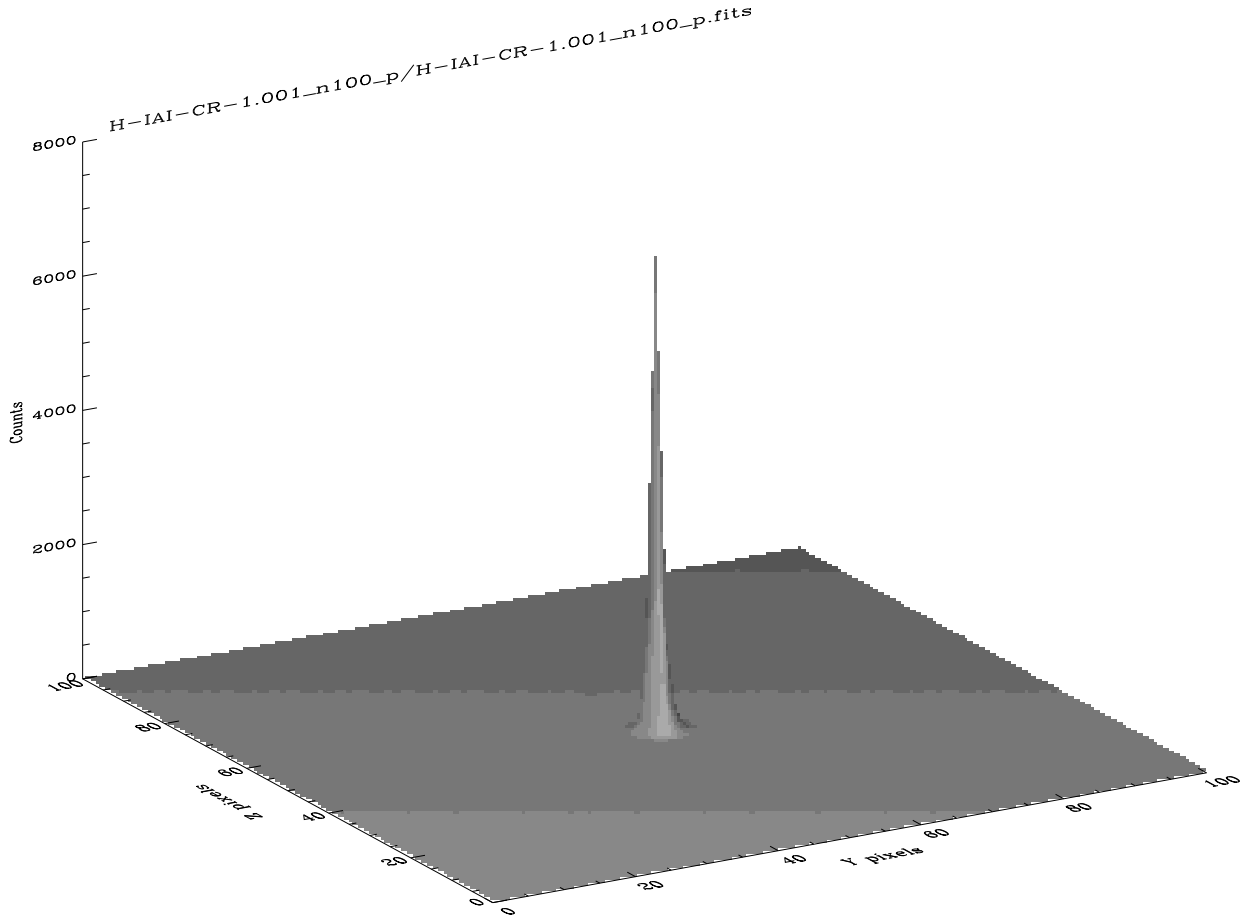
50% radius = 32.4363

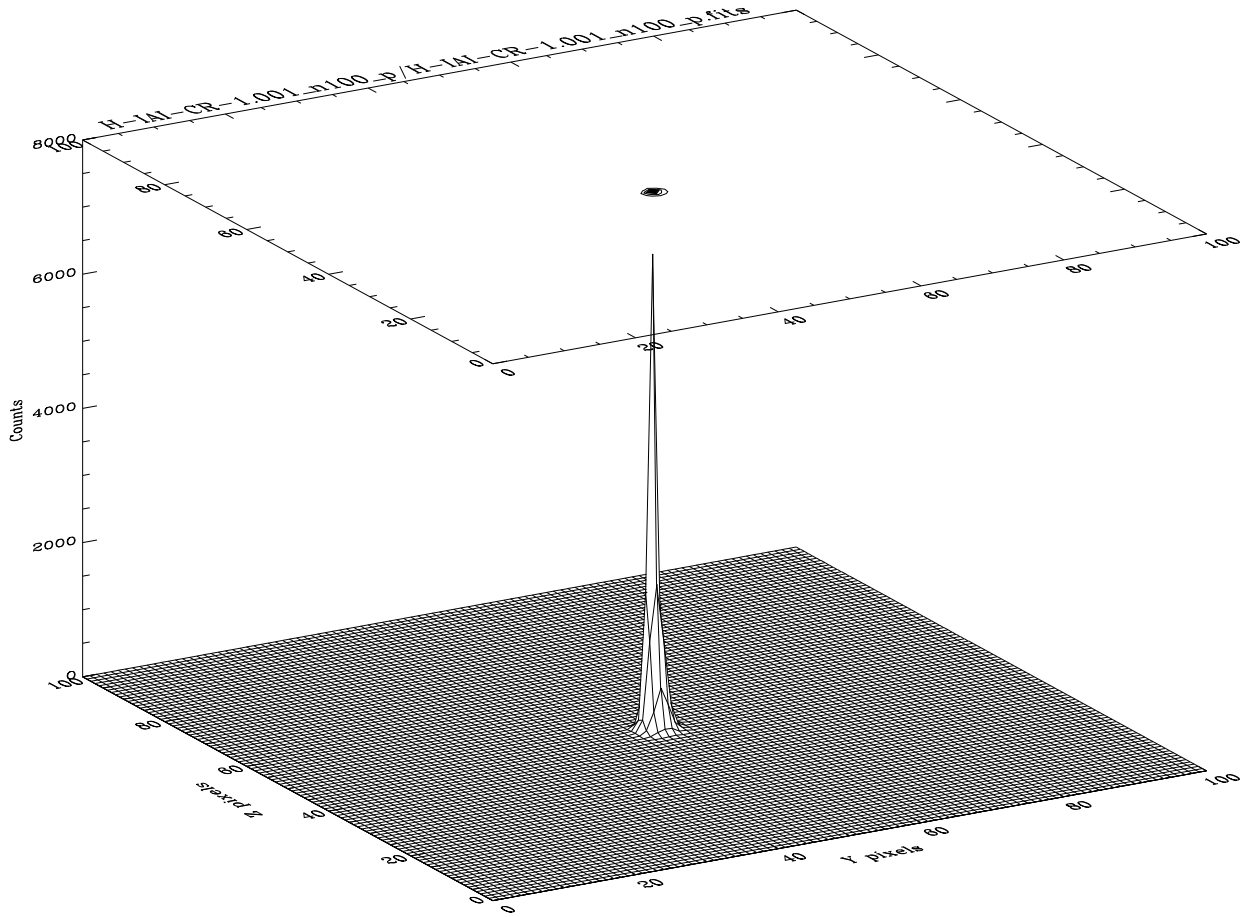
70% radius = 42.0253

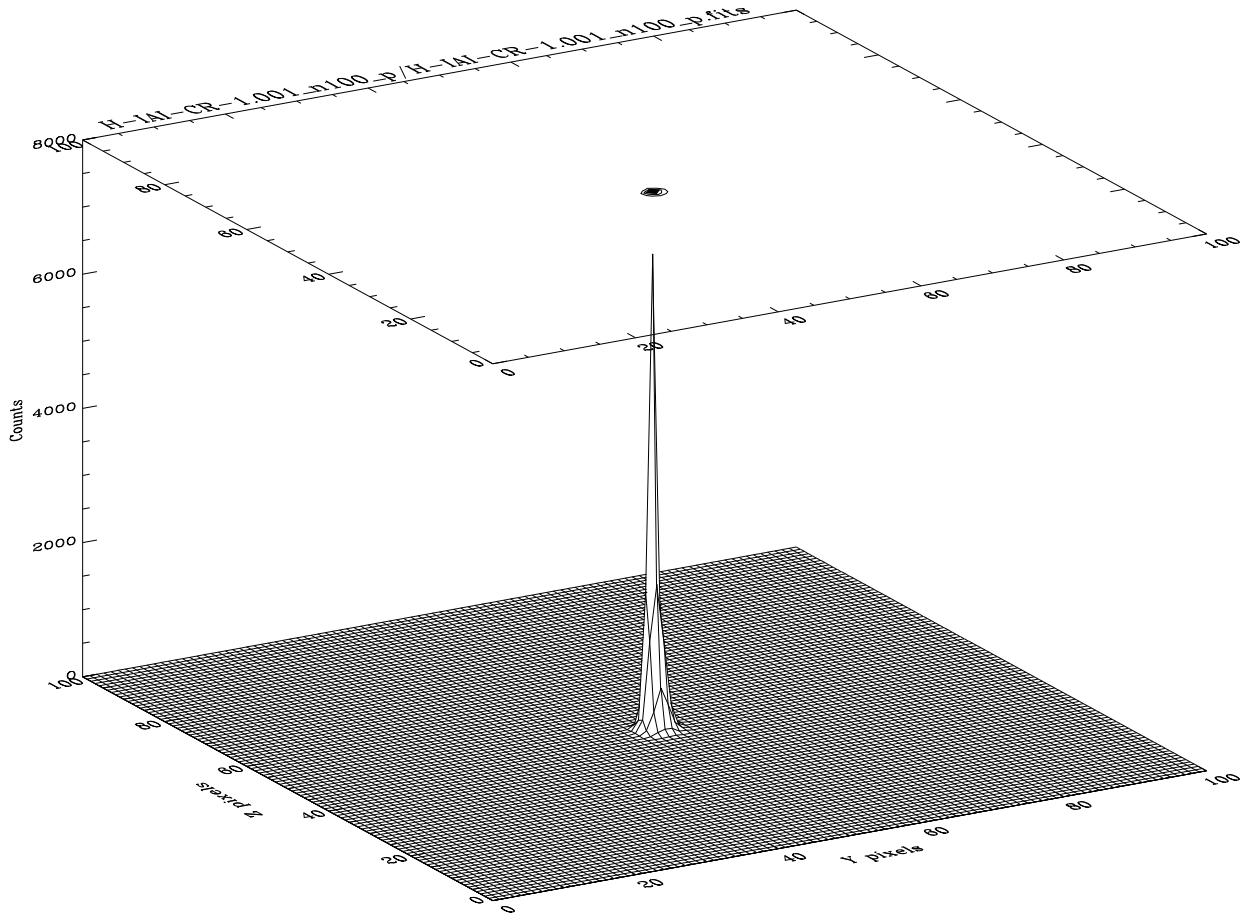
90% radius = 60.6703

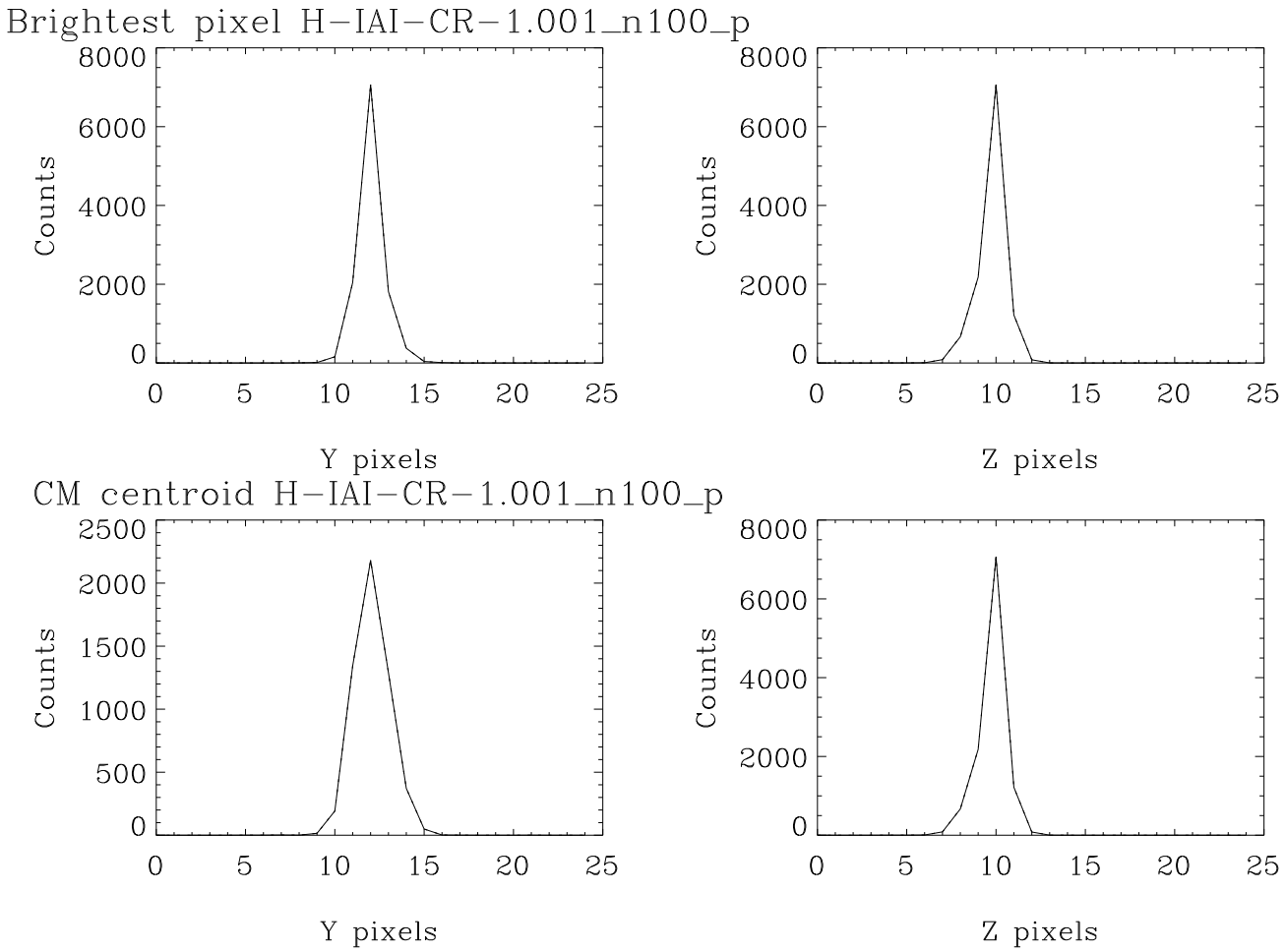

H-IAI-CR-1.001_n100_p/H-IAI-CR-1.001_n100_p.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H-IAI-CR-1.001_n100_p/H-IAI-CR-1.001_n100_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_n100_p/H-IAI-CR-1.001_n100_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_n100_p/H_1AI_CR_1.001_n100_p.fits
8000
6000
4000
2000
Counts
0
20
40
60
80
100
X pixels
Y pixels


H_1AI_CR_1.001_n100_p/H_1AI_CR_1.001_n100_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

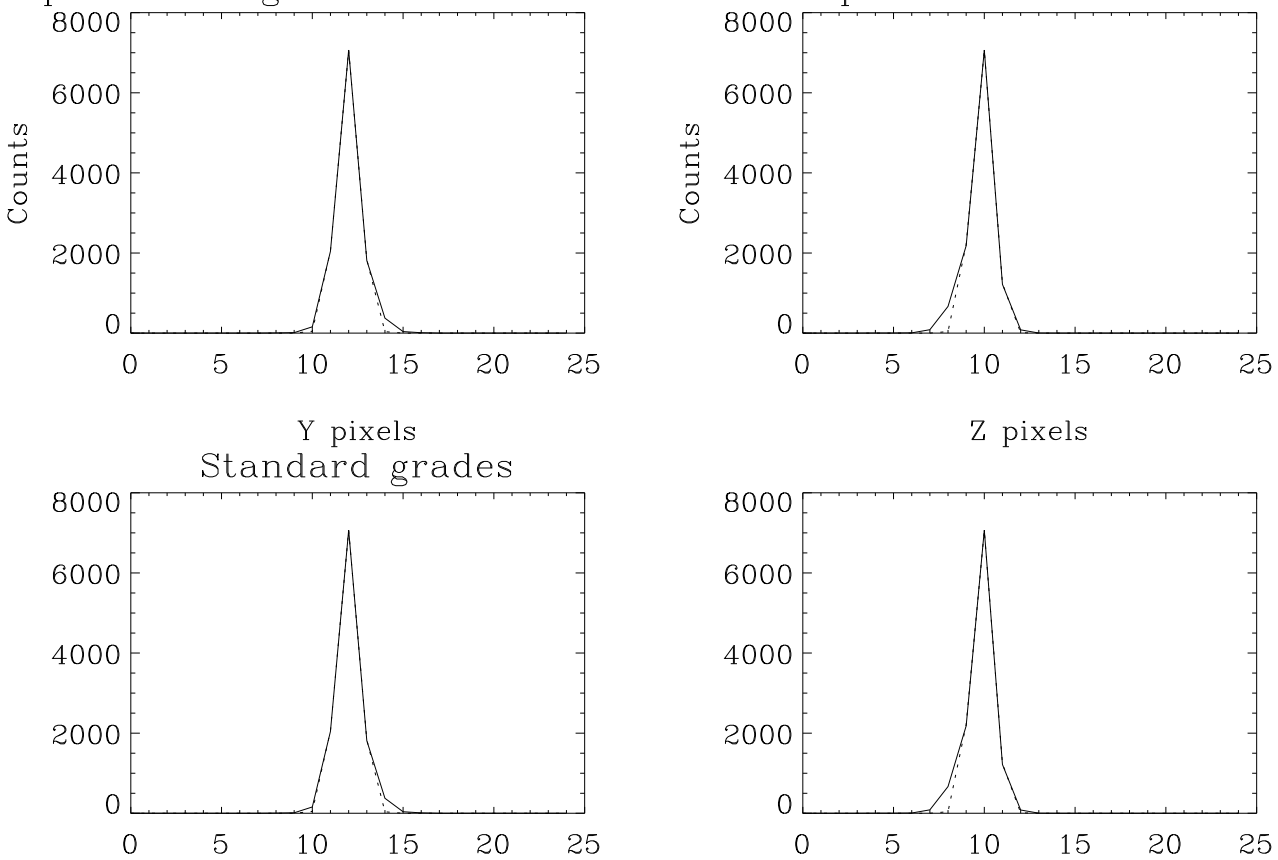
CM Centroid (Y,Z)

All grades	12.0697	9.69961
Std. grades	12.0697	9.69961

Brightest pixel maxima

All grades:	7069
Std. grades:	7069

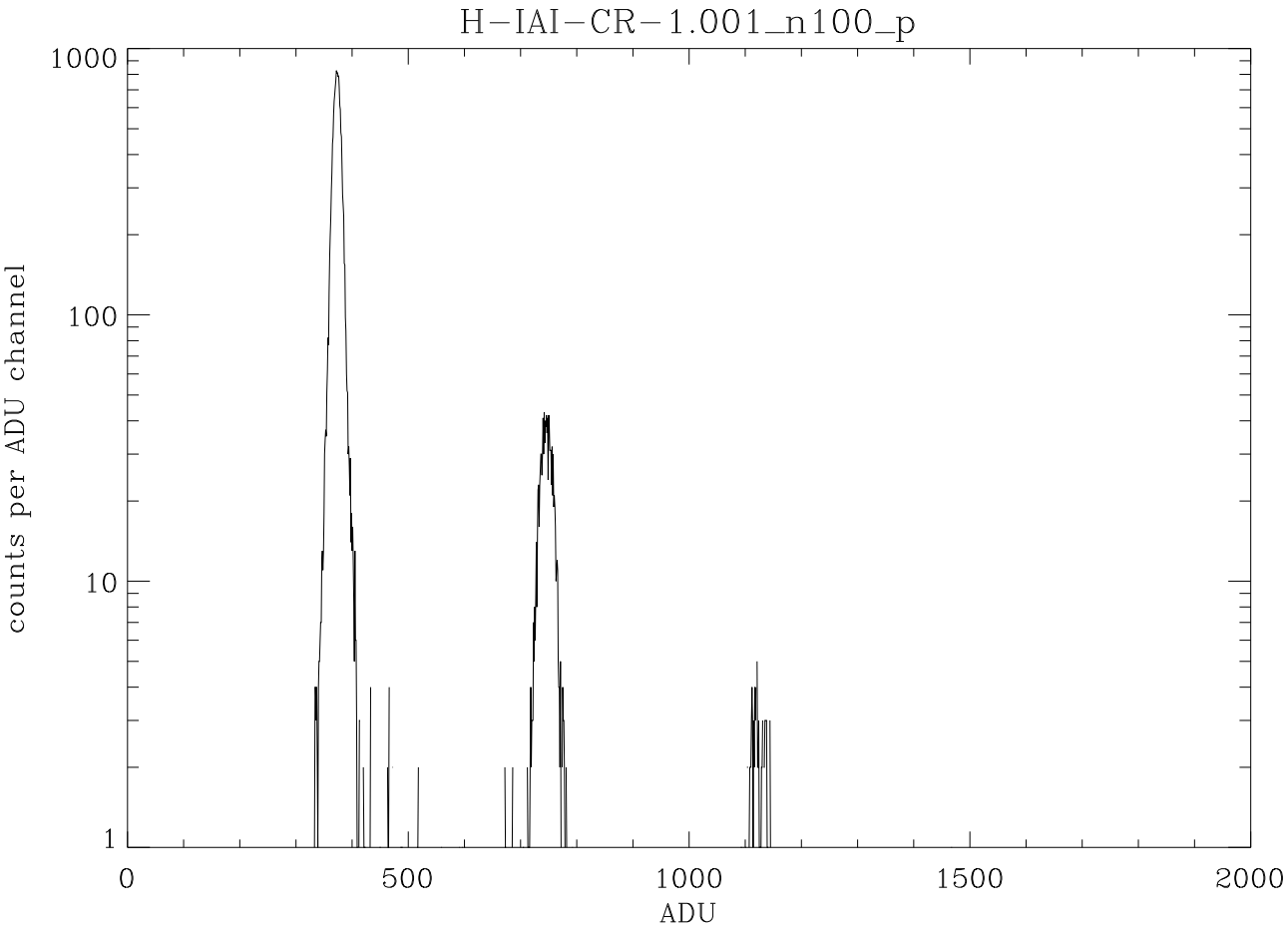
Brightest pixel – All grades H-IAI-CR-1.001_n100_p

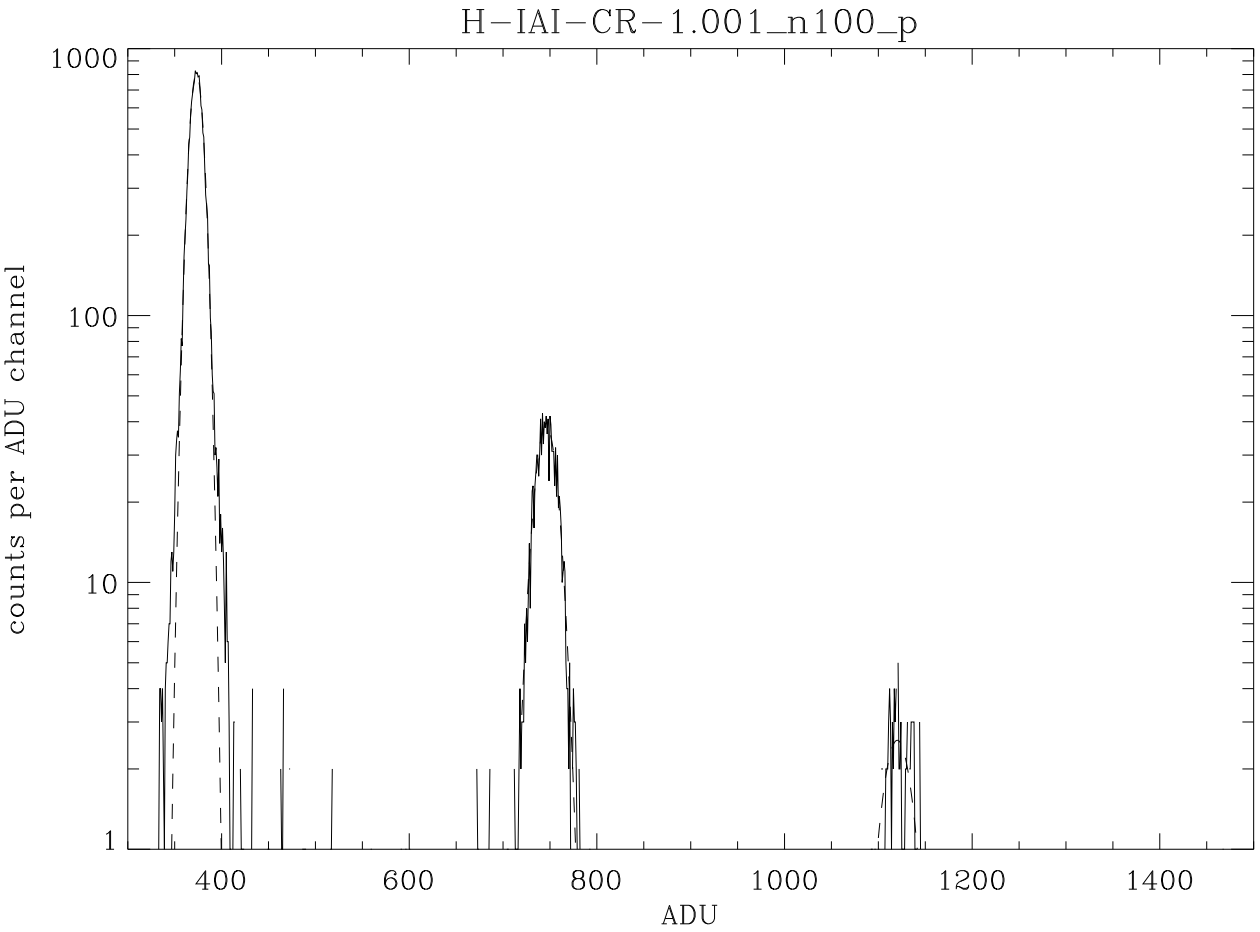


Total counts (area under gaussians, shown by dotted line)

	Integrated	Analytical
All Y	9974.6641	11026.163
Std Y	9974.6641	11026.163
All Z	8708.7447	10544.157
Std Z	8708.7447	10544.157

	amplitude	offset	sigma	FWHM
All Y:	7066.0523	11.977919	0.62252617	1.4654267
Std Y:	7066.0523	11.977919	0.62252617	1.4654267
All Z:	7161.3085	9.8999163	0.58739408	1.3827257
Std Z:	7161.3085	9.8999163	0.58739408	1.3827257


H−IAI−CR−1.001_n100_p
1000
100
10
1
counts per ADU channel
0
500
1000
1500
2000
ADU



area1 = 14629.209

area2 = 1111.7707

area3 = 90.224995

Analytical area estimates = 14629.207 1126.1082 100.00146

	amplitude	offset	sigma
gaussian1:	807.90470	373.18787	7.2238831
gaussian2:	38.659973	745.96383	11.620602
gaussian3:	2.5619323	1120.2195	15.572156

Pileup fraction, photons = 0.14566107
Pileup fraction, area = 0.075925727