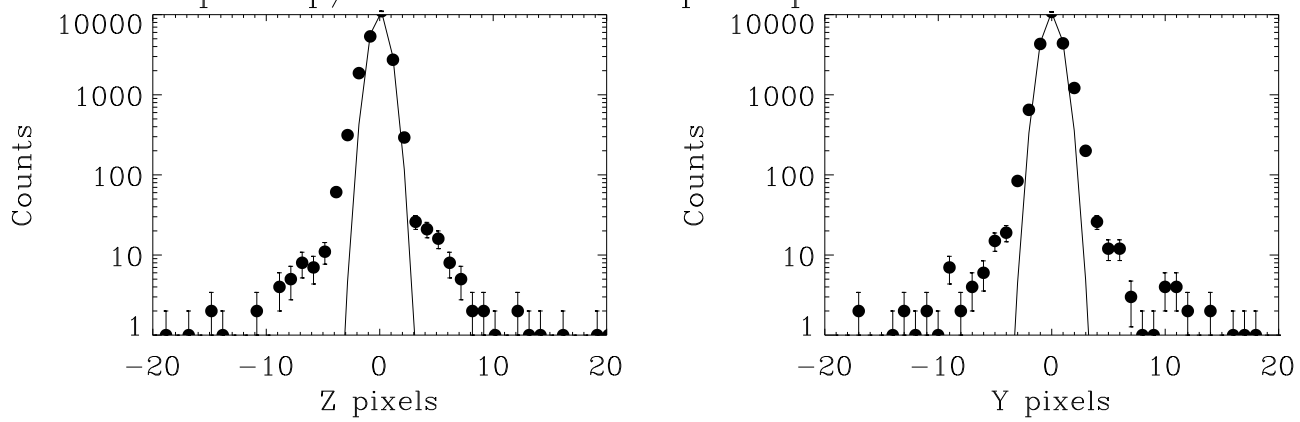
H-IAI-CR-1.001_p100_p/H-IAI-CR-1.001_p100_p.fits



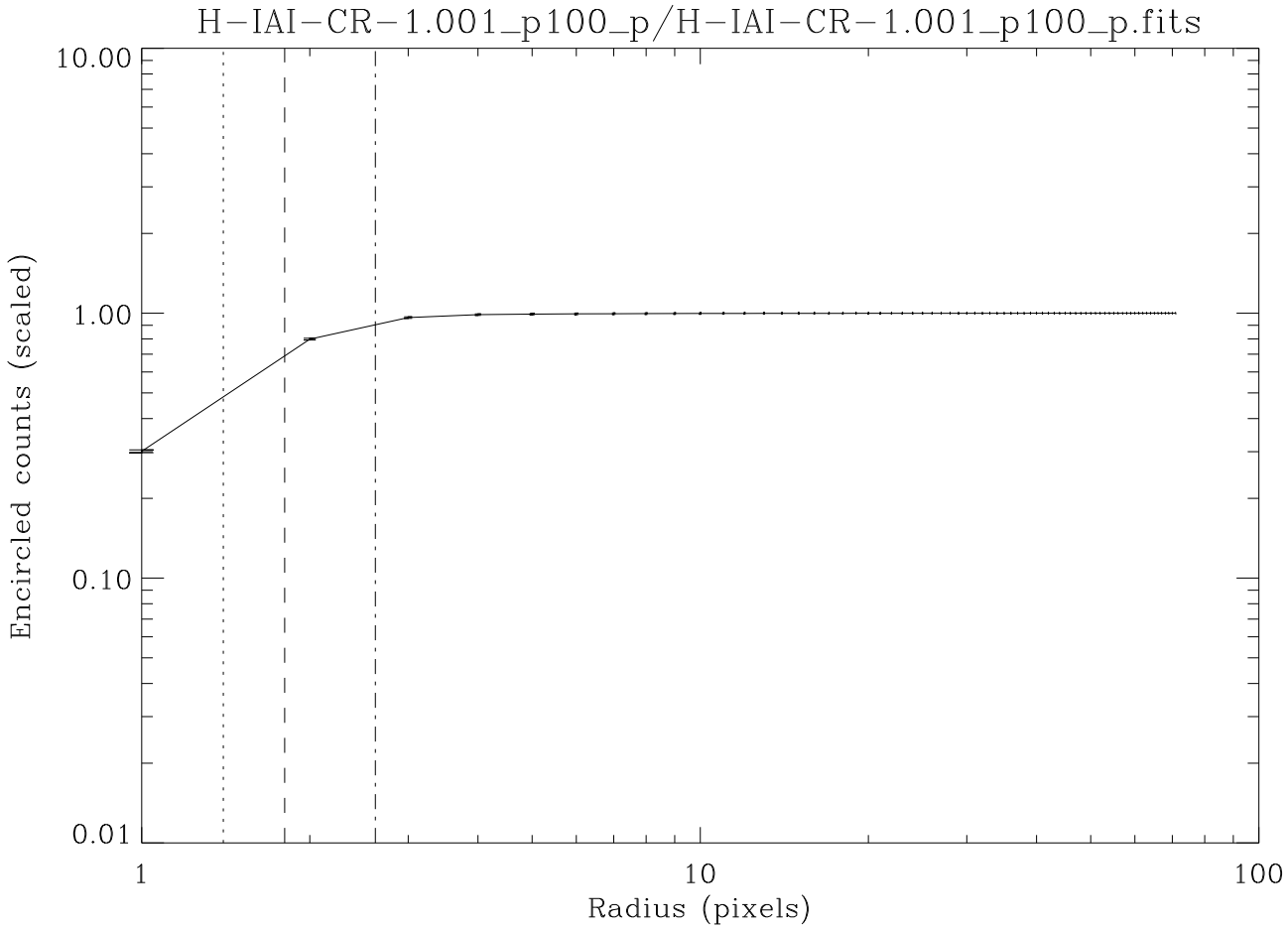
All measurements in pixels

Z gaussian FWHM = 1.6885885

Y gaussian FWHM = 1.7960745

Z fit parameters: Amplitude= 11162 Offset= 47 Sigma= 0

Y fit parameters: Amplitude= 10703 Offset= 50 Sigma= 0



Encircled energy radii in pixels

50% radius = 1.40029

70% radius = 1.80274

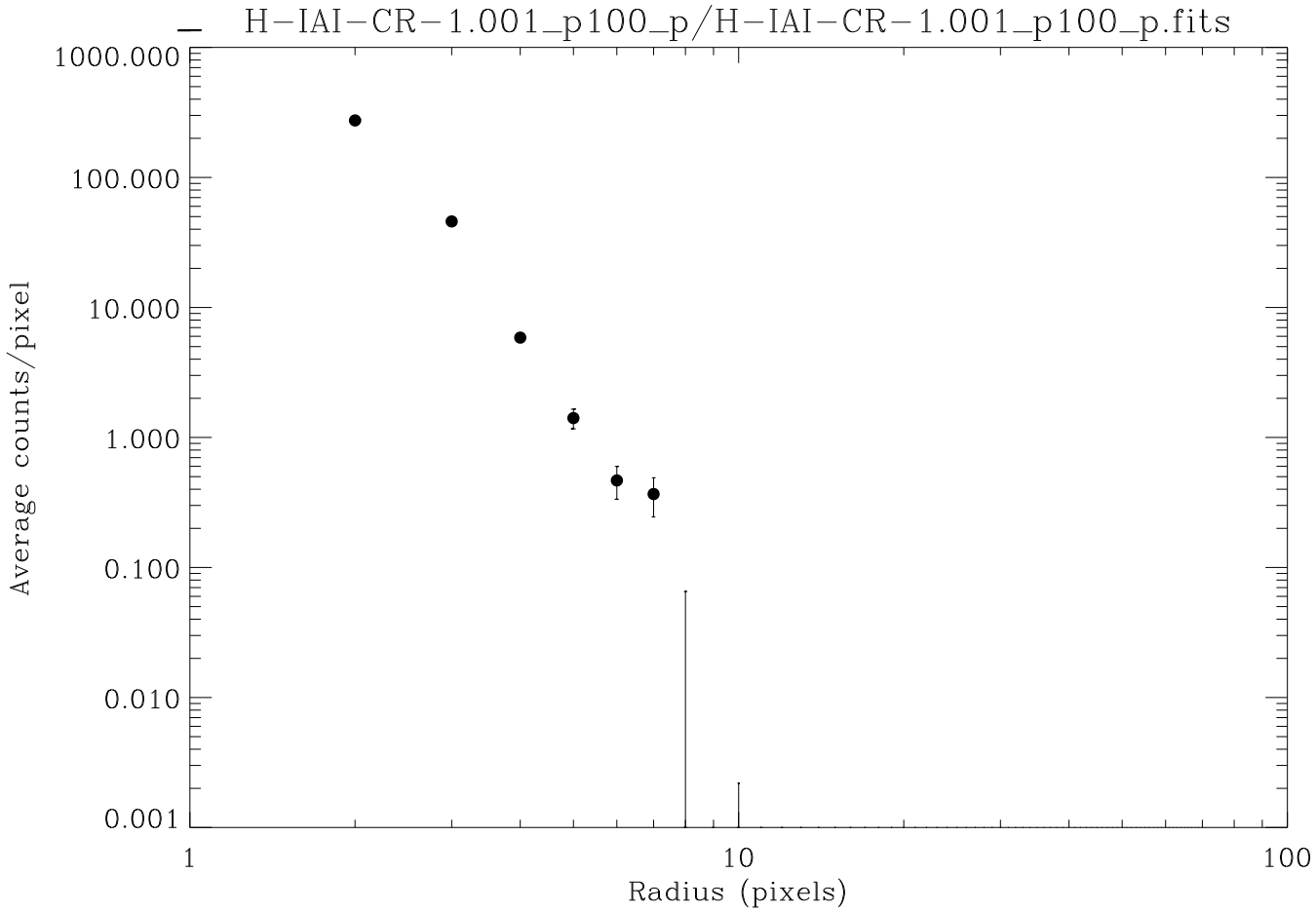
90% radius = 2.62033

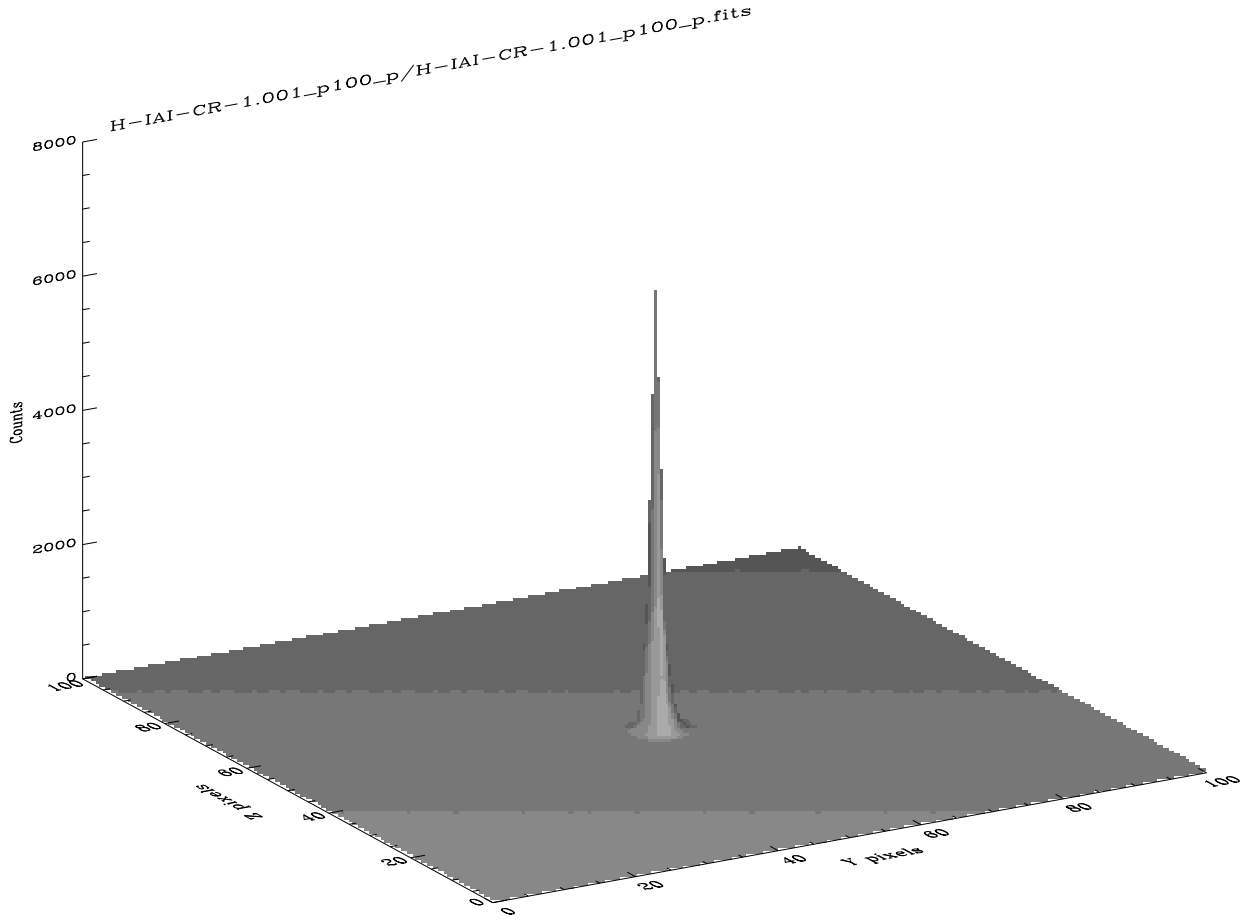
Encircled energy radii in microns

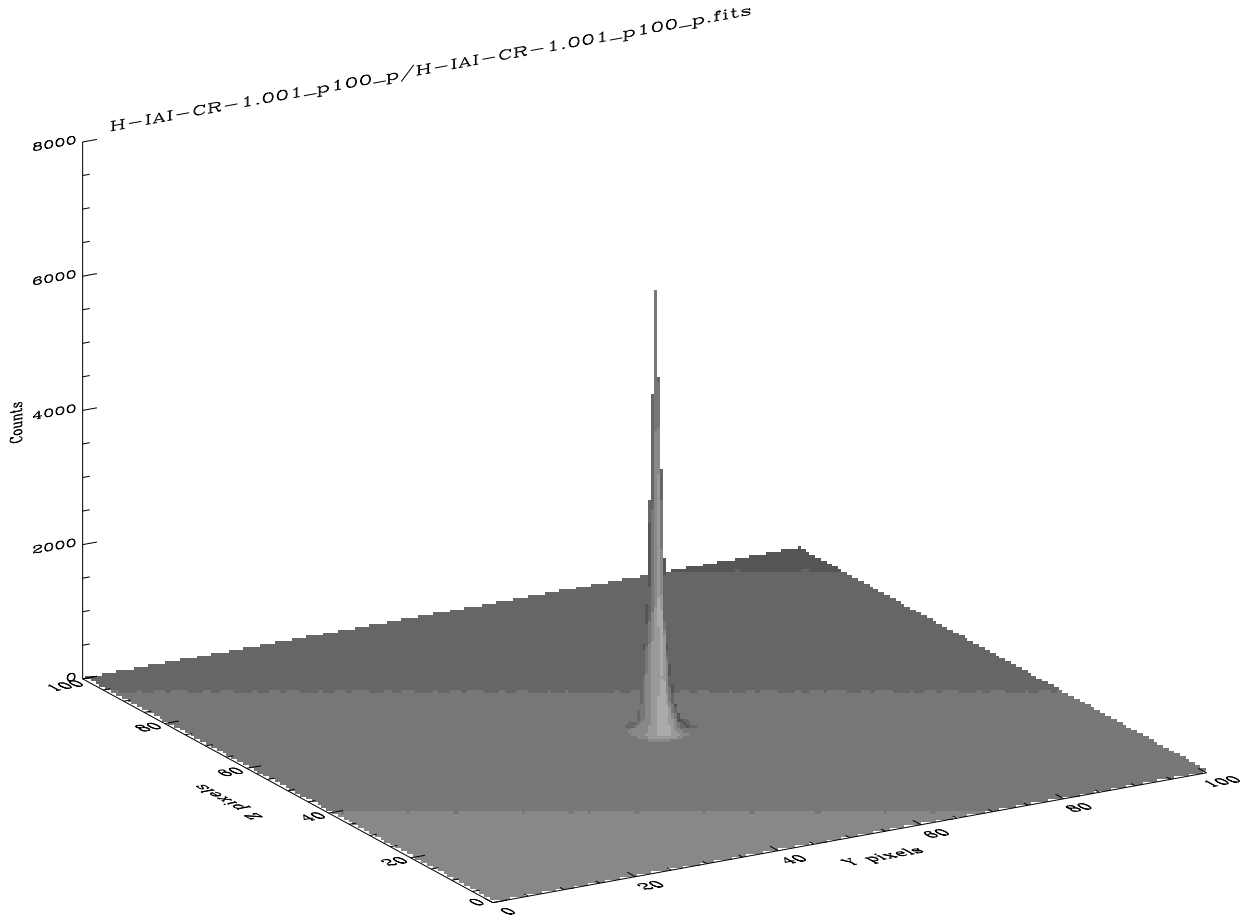
50% radius = 33.6069

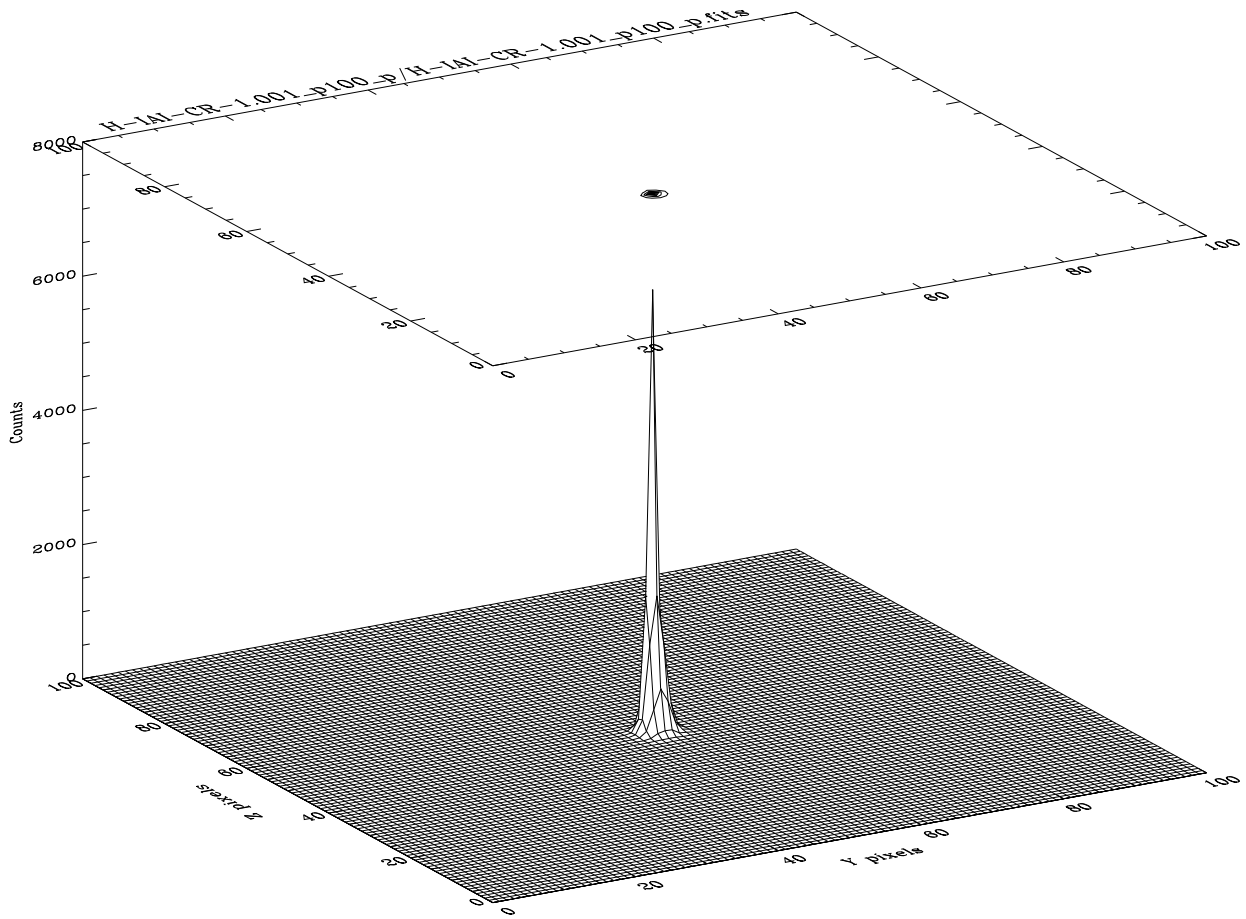
70% radius = 43.2658

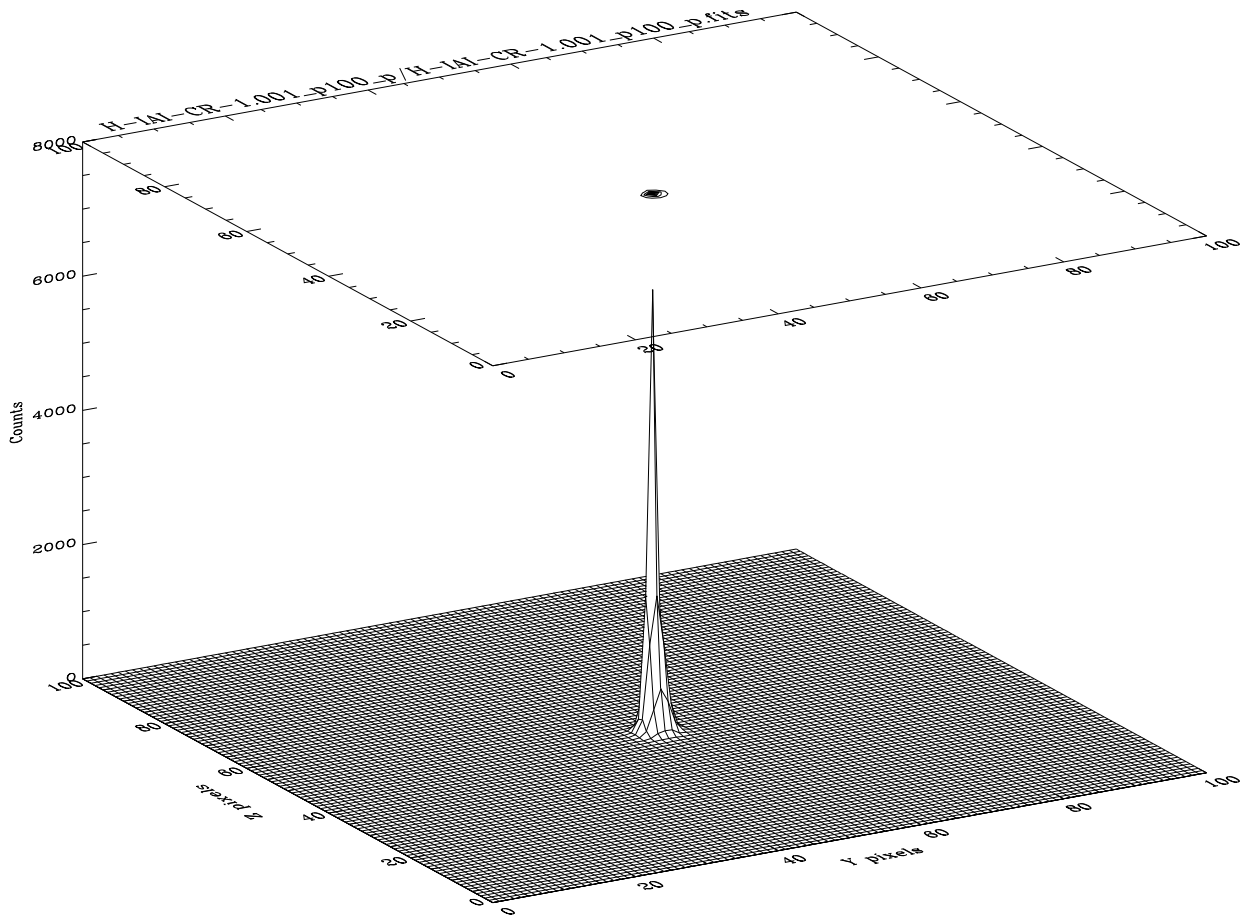
90% radius = 62.8879

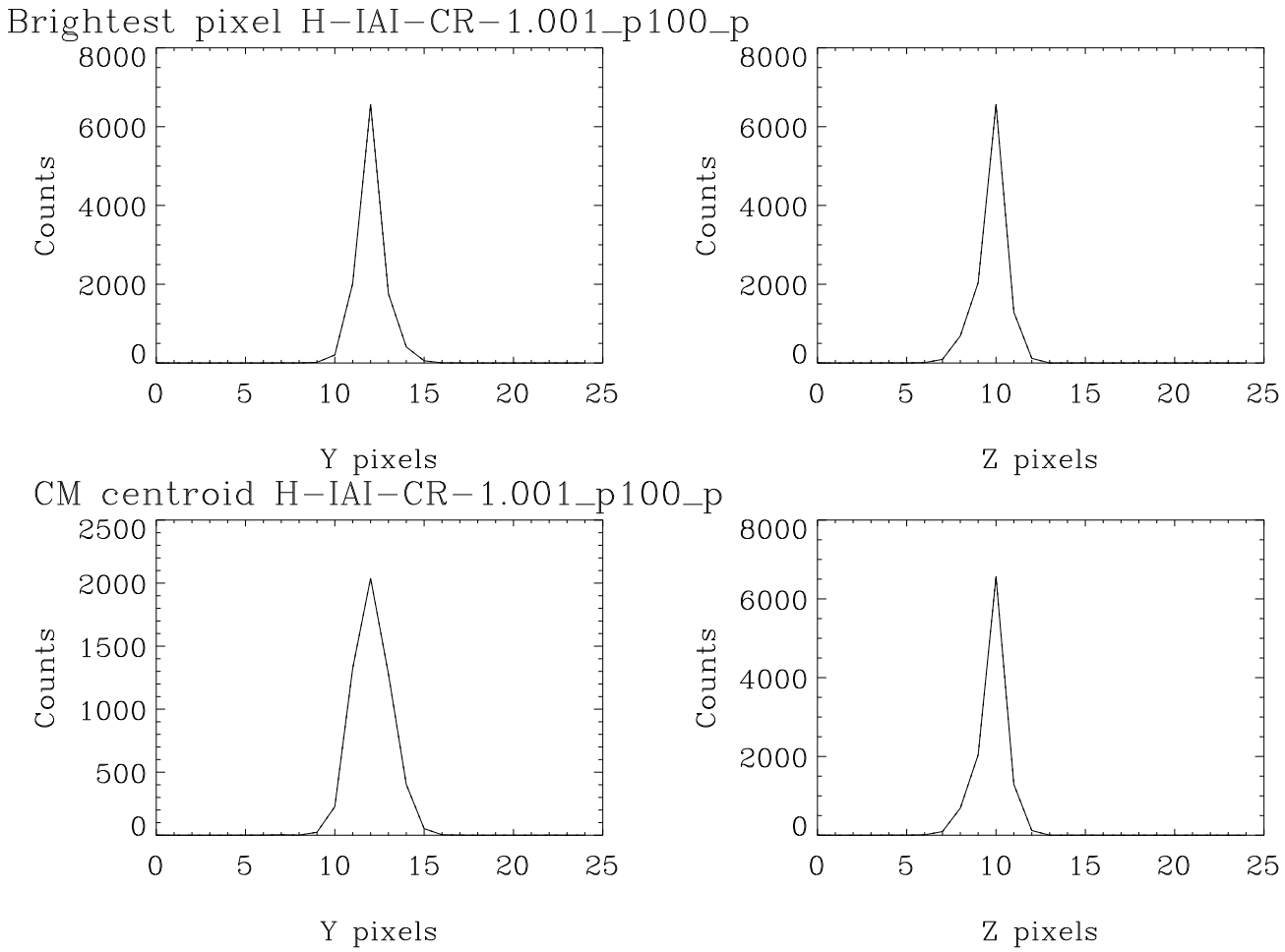

H-IAI-CR-1.001_p100_p/H-IAI-CR-1.001_p100_p.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H-IAI-CR-1.001-p100-p/H-IAI-CR-1.001-p100-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-p100-p/H-IAI-CR-1.001-p100-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_p100_p/H_1AI_CR_1.001_p100_p.fits
Counts
8000
6000
4000
2000
0
20
40
60
80
100
X pixels
Y pixels


H_1AI_CR_1.001_p100_p/H_1AI_CR_1.001_p100_p.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	10
Std. grades	12	10

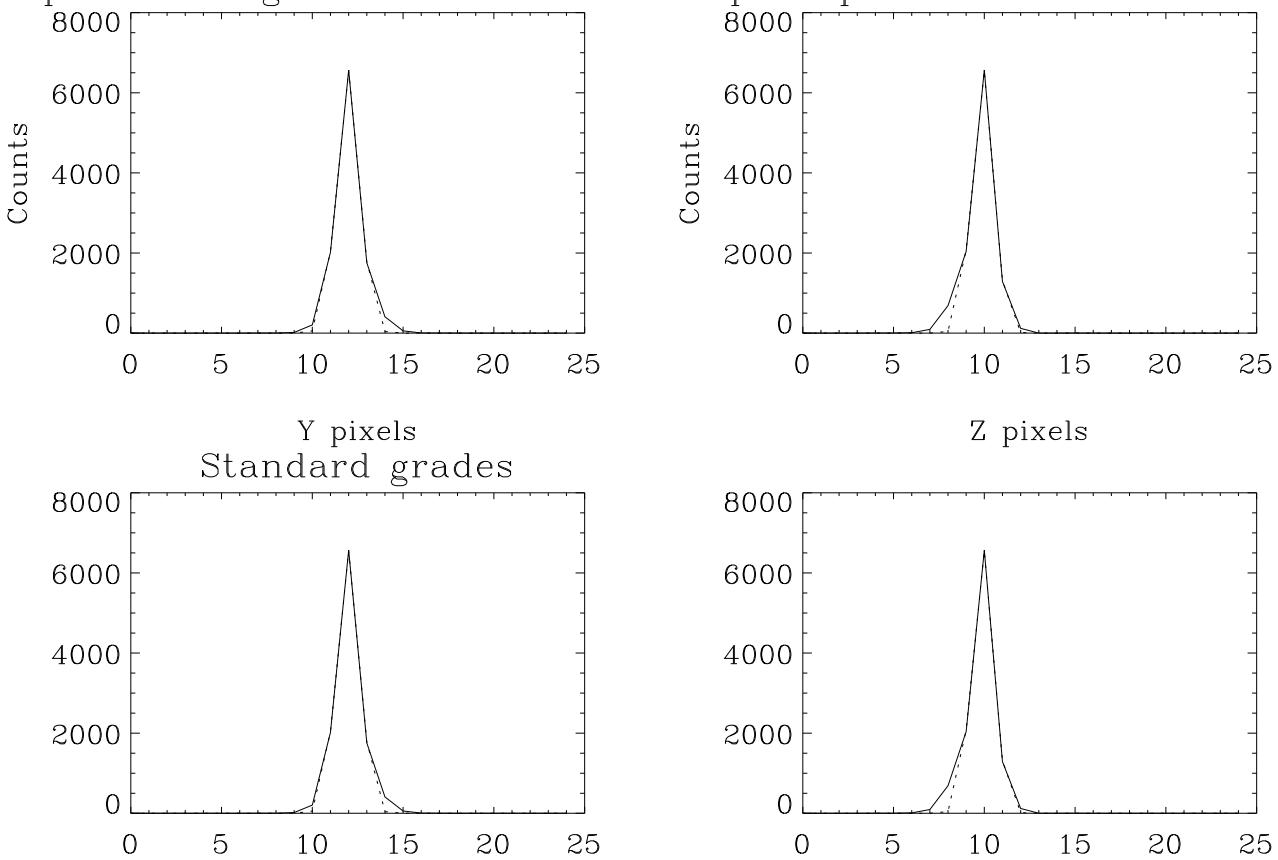
CM Centroid (Y,Z)

All grades	12.0729	9.68924
Std. grades	12.0729	9.68924

Brightest pixel maxima

All grades:	6568
Std. grades:	6568

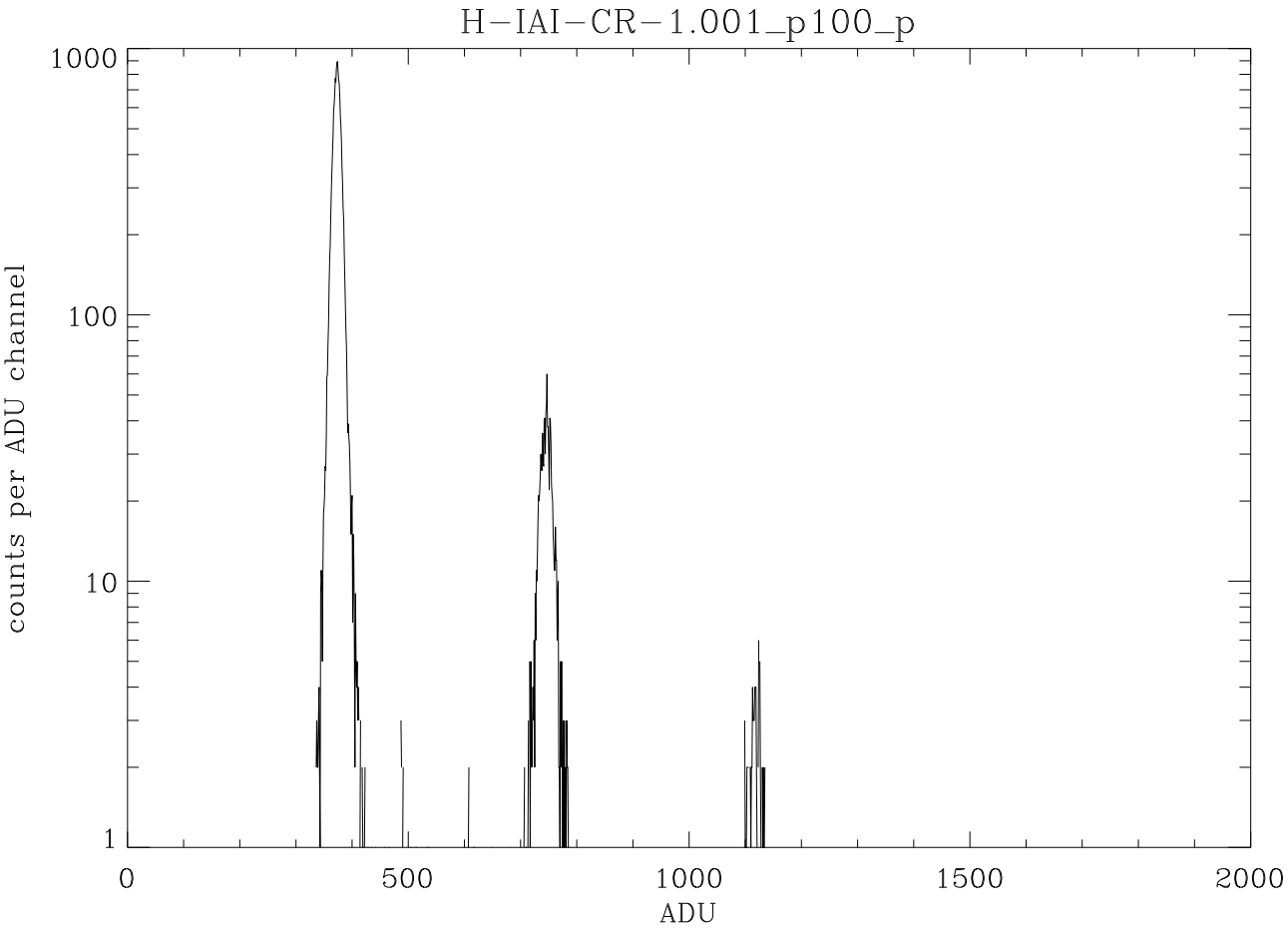
Brightest pixel – All grades H-IAI-CR-1.001_p100_p

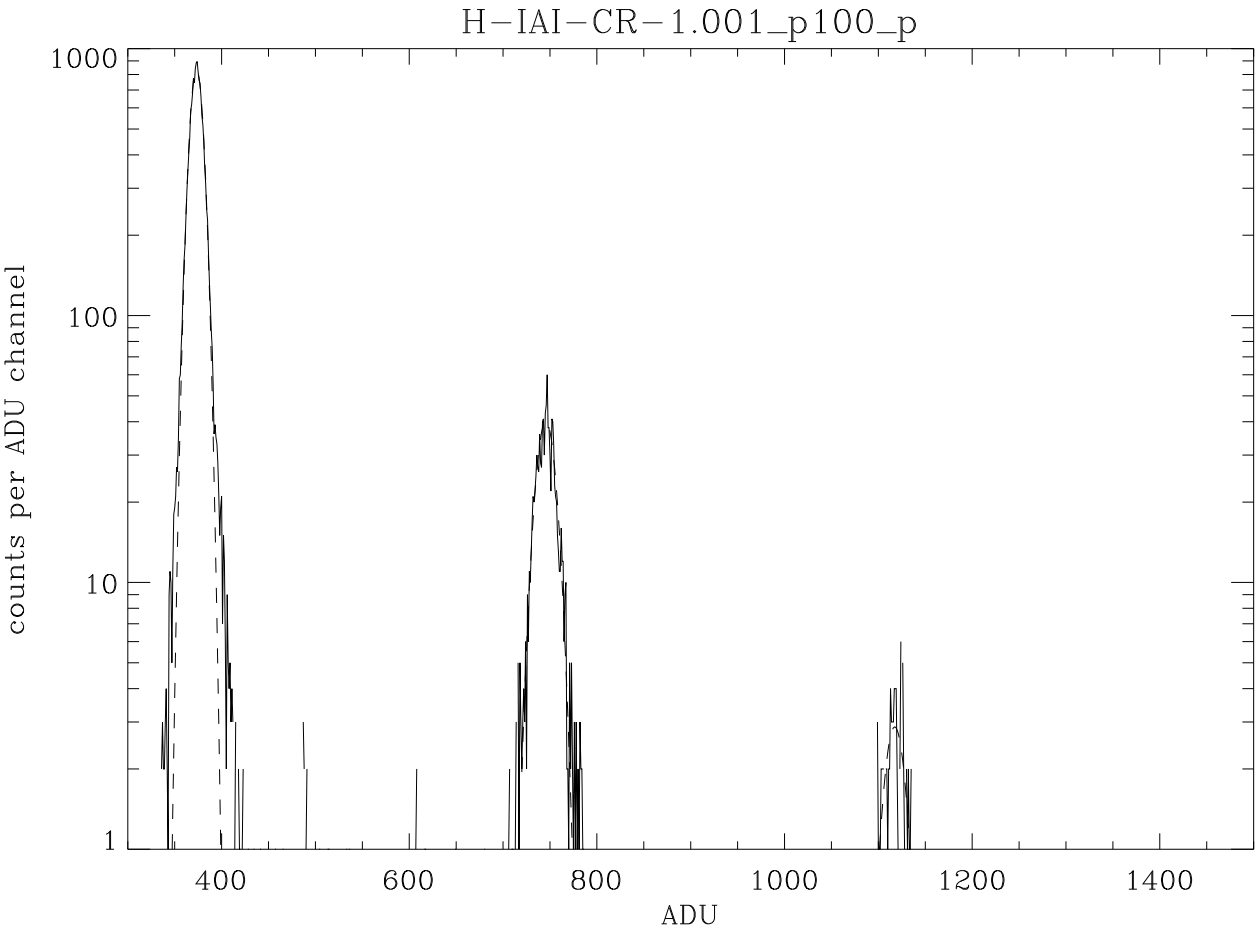


Total counts (area under gaussians, shown by dotted line)

	Integrated	Analytical
All Y	9567.0888	10467.535
Std Y	9567.0888	10467.535
All Z	8358.5751	9993.5232
Std Z	8358.5751	9993.5232

	amplitude	offset	sigma	FWHM
All Y:	6562.9853	11.973658	0.63628698	1.4978196
Std Y:	6562.9853	11.973658	0.63628698	1.4978196
All Z:	6617.6278	9.9168199	0.60245742	1.4181848
Std Z:	6617.6278	9.9168199	0.60245742	1.4181848


H−IAI−CR−1.001_p100_p
1000
100
10
1
counts per ADU channel
0
500
1000
1500
2000
ADU



area1 = 14831.269

area2 = 1041.1611

area3 = 75.732919

Analytical area estimates = 14831.266 1048.4234 80.503993

	amplitude	offset	sigma
gaussian1:	838.08481	373.24736	7.0599289
gaussian2:	40.211377	745.59853	10.401544
gaussian3:	2.8743783	1117.4414	11.173354

Pileup fraction, photons = 0.13473831
Pileup fraction, area = 0.070032773