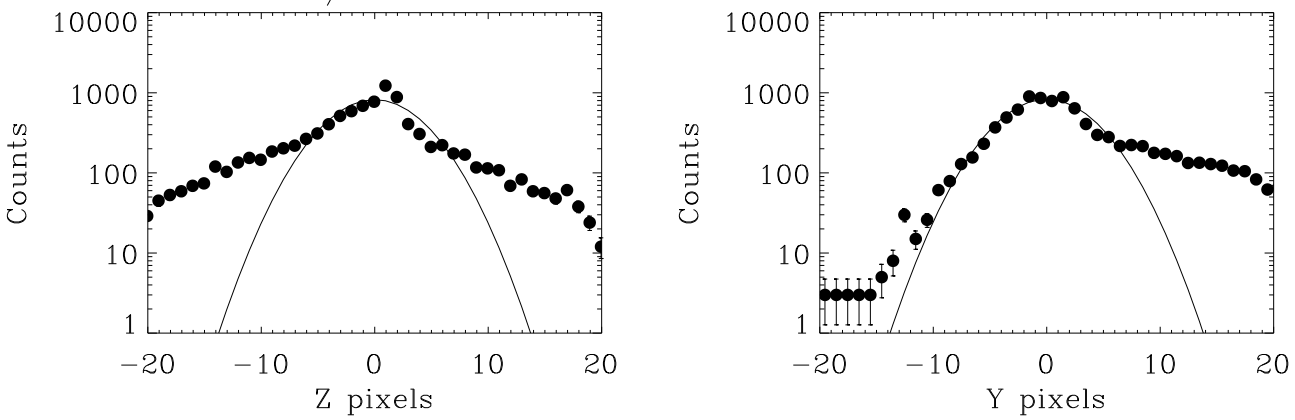
H−IAI−PI−2.015/H−IAI−PI−2.015.fits



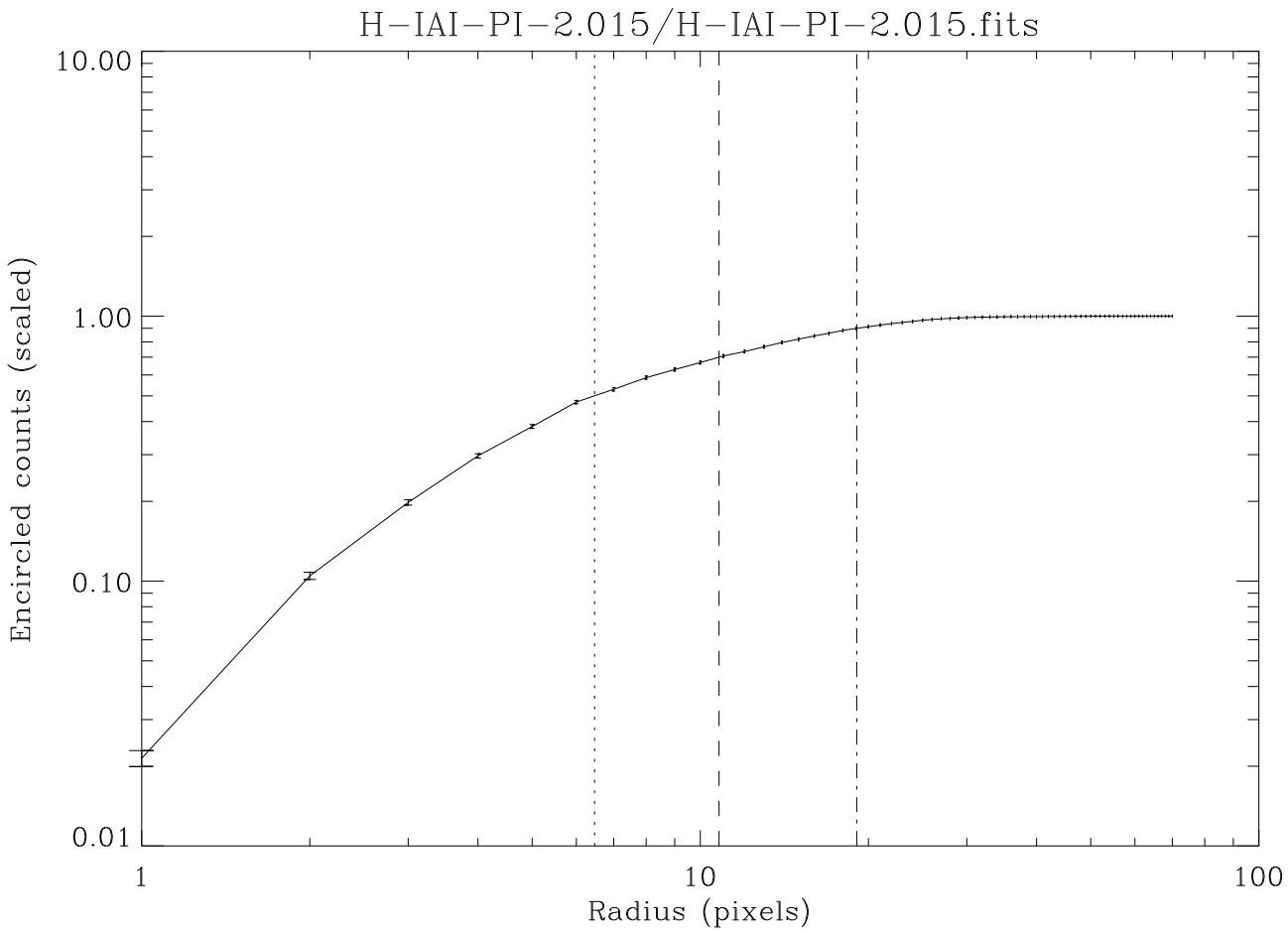
All measurements in pixels

Z gaussian FWHM = 8.8389675

Y gaussian FWHM = 8.8664427

Z fit parameters: Amplitude= 820 Offset= 50 Sigma= 3

Y fit parameters: Amplitude= 831 Offset= 30 Sigma= 3



Encircled energy radii in pixels

50% radius = 6.46961

70% radius = 10.8062

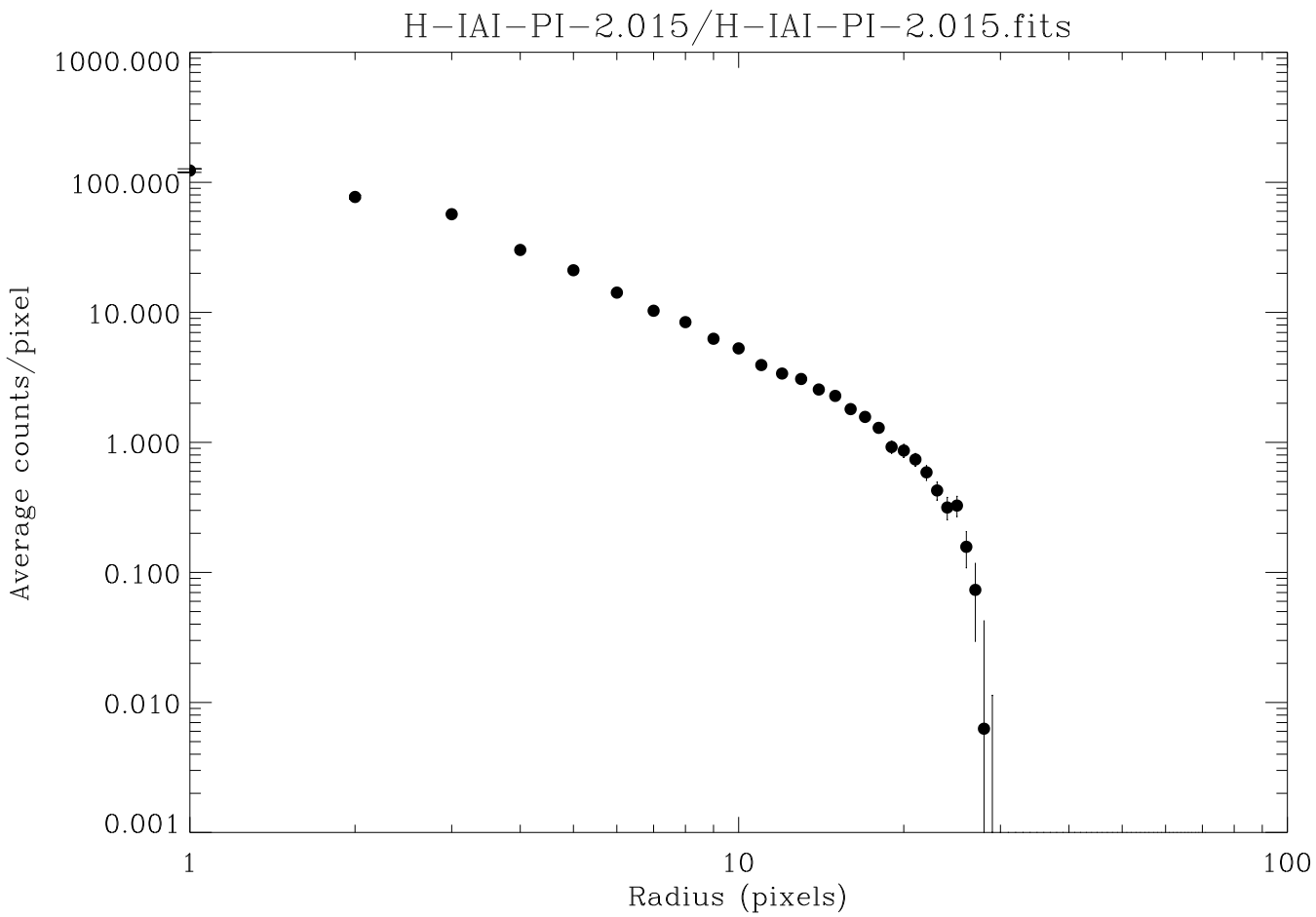
90% radius = 19.0626

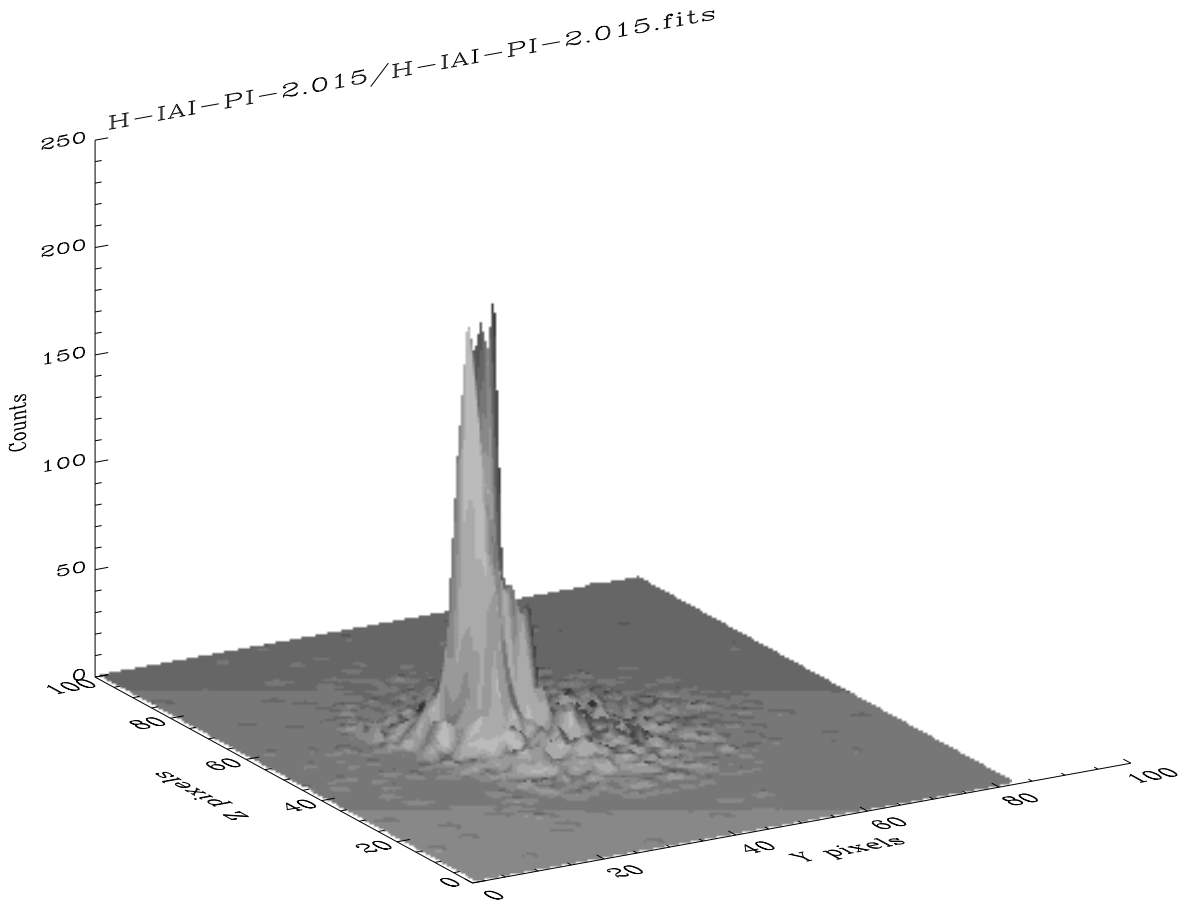
Encircled energy radii in microns

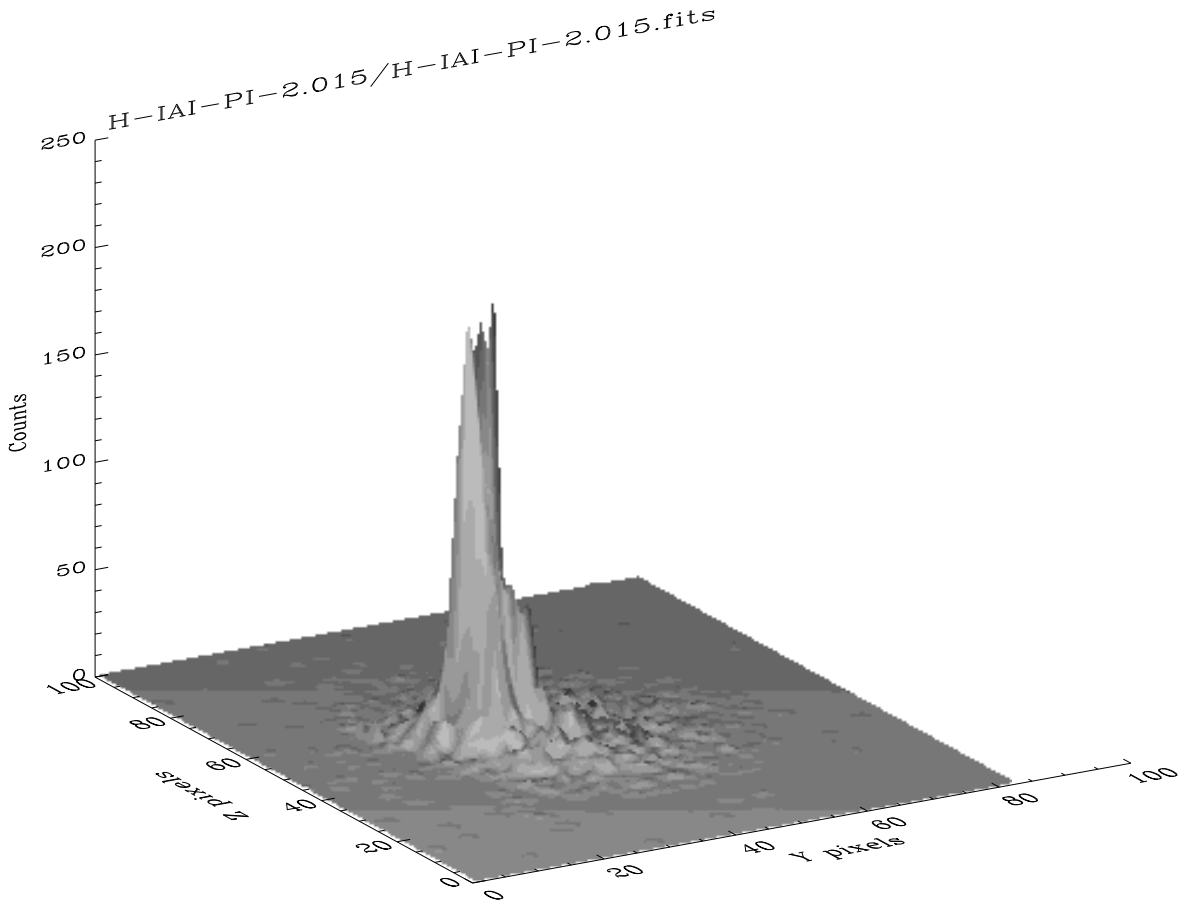
50% radius = 155.271

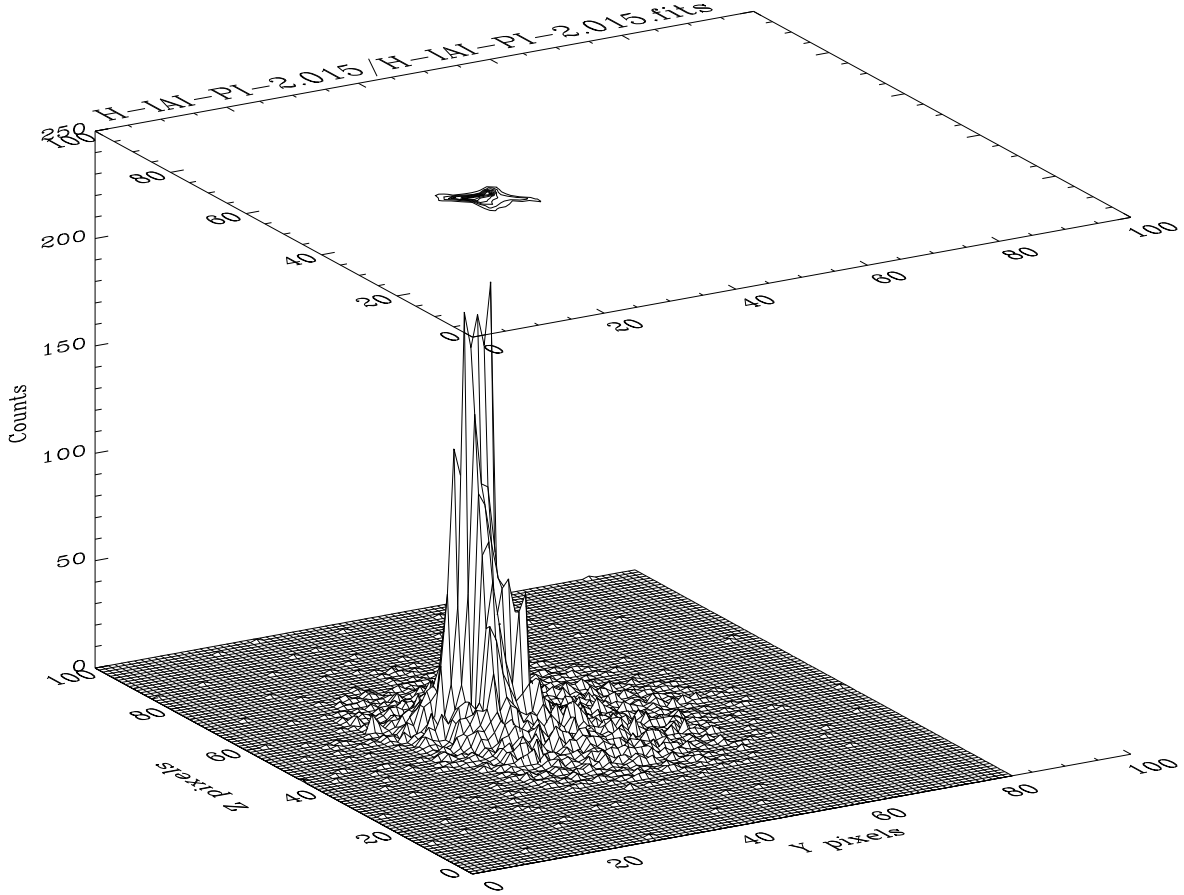
70% radius = 259.350

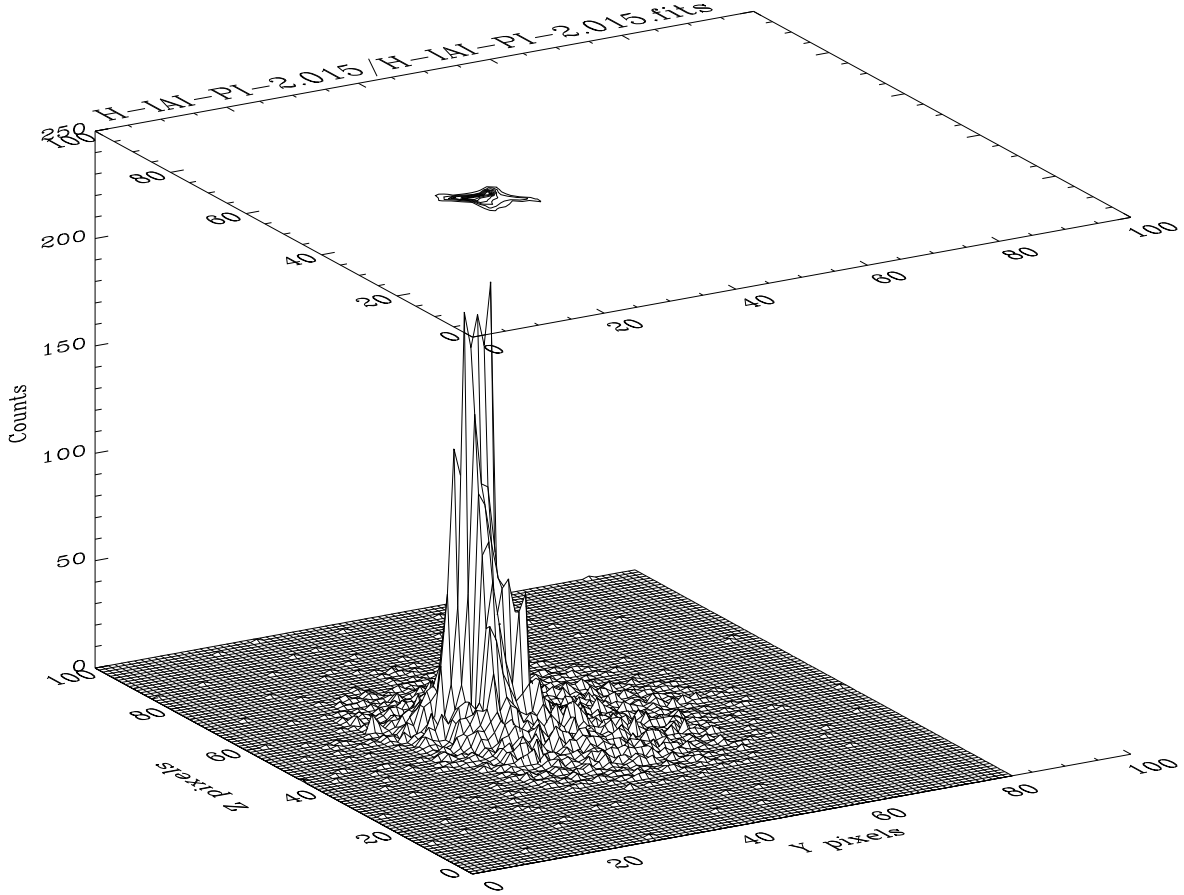
90% radius = 457.502

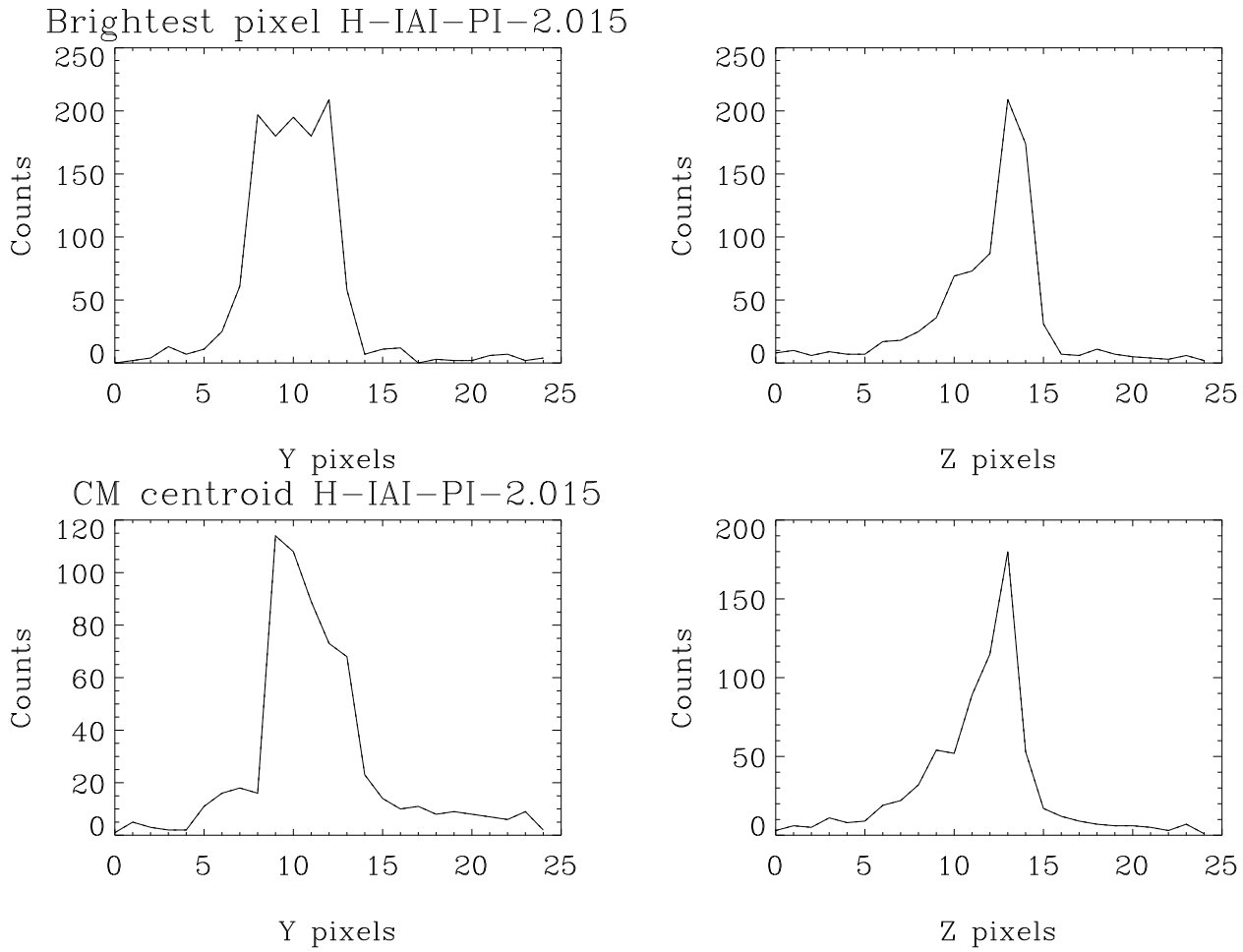

H−IAI−PI−2.015/H−IAI−PI−2.015.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H−IAI−PI−2.015/H−IAI−PI−2.015.fits
Counts
250
200
150
100
50
0
X pixels
100
80
60
40
20
0
Y pixels
0
20
40
60
80
100


H−IAI−PI−2.015/H−IAI−PI−2.015.fits
Counts
250
200
150
100
50
0
X pixels
100
80
60
40
20
0
Y pixels
0
20
40
60
80
100


H-1AI-P1-2.015/H-1AI-P1-2.015.fits
Counts
X pixels
Y pixels
0
20
40
60
80
100
0
50
100
150
200
250


H-1AI-P1-2.015/H-1AI-P1-2.015.fits
Counts
X pixels
Y pixels
0
20
40
60
80
100
0
50
100
150
200
250



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

Brightest pixel (Y,Z)

All grades	12	13
Std. grades	12	13

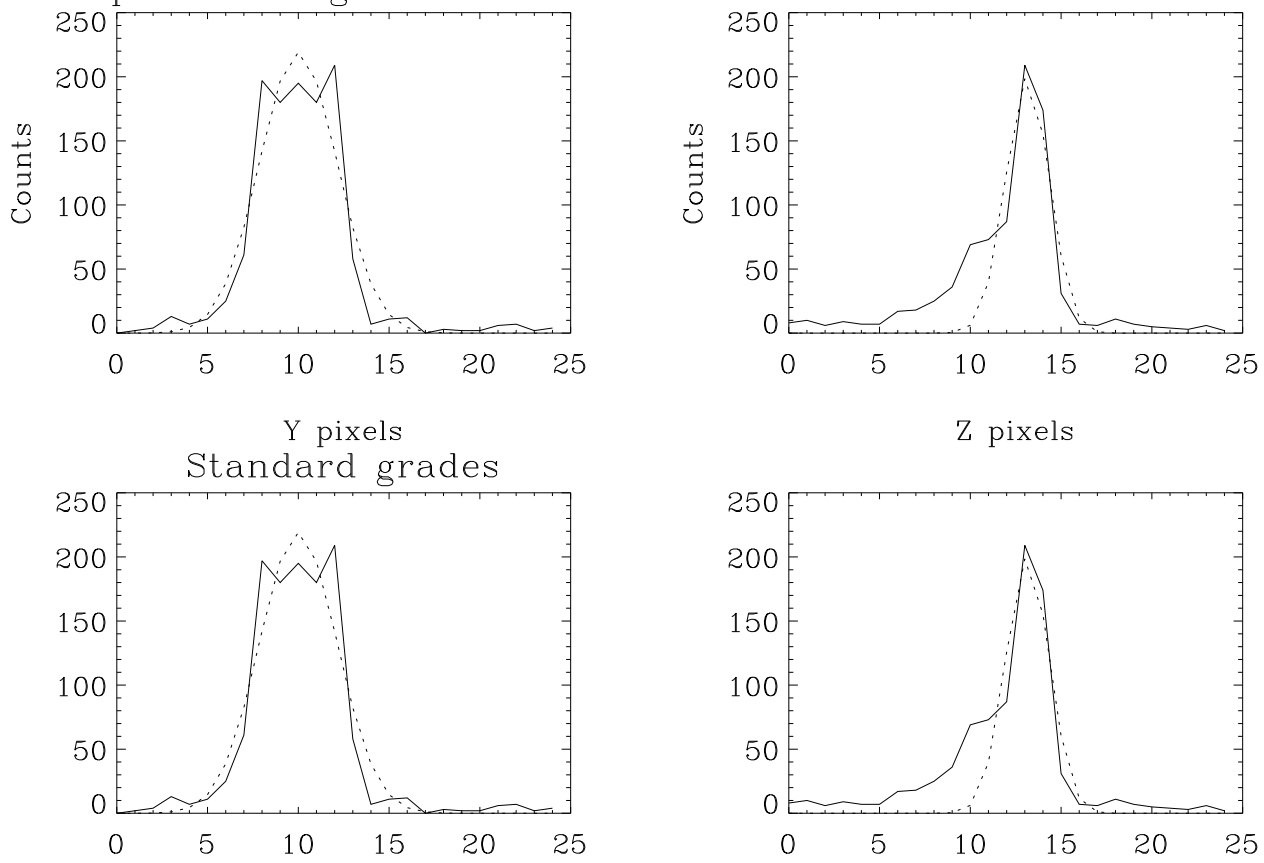
CM Centroid (Y,Z)

All grades	11.3421	11.7140
Std. grades	11.3421	11.7140

Brightest pixel maxima

All grades:	209
Std. grades:	209

Brightest pixel – All grades H–IAI–PI–2.015



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

	Integrated	Analytical
All Y	1178.0290	1178.2100
Std Y	1178.0290	1178.2100
All Z	598.40473	599.08387
Std Z	598.40473	599.08387

	amplitude	offset	sigma	FWHM
All Y:	219.09239	9.9983982	2.1453861	5.0502391
Std Y:	219.09239	9.9983982	2.1453861	5.0502391
All Z:	200.05290	13.150559	1.1946834	2.8122849
Std Z:	200.05290	13.150559	1.1946834	2.8122849