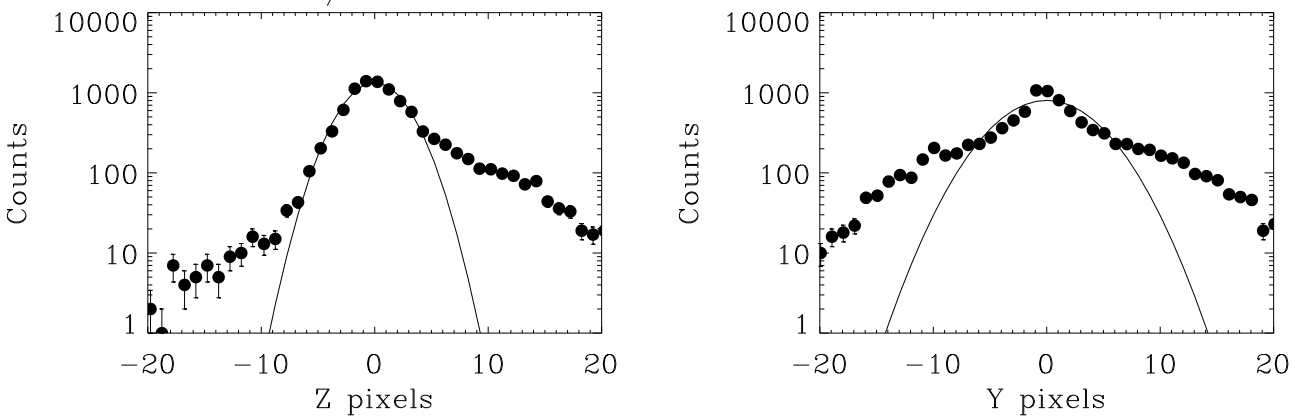
H−IAI−PI−2.021/H−IAI−PI−2.021.fits



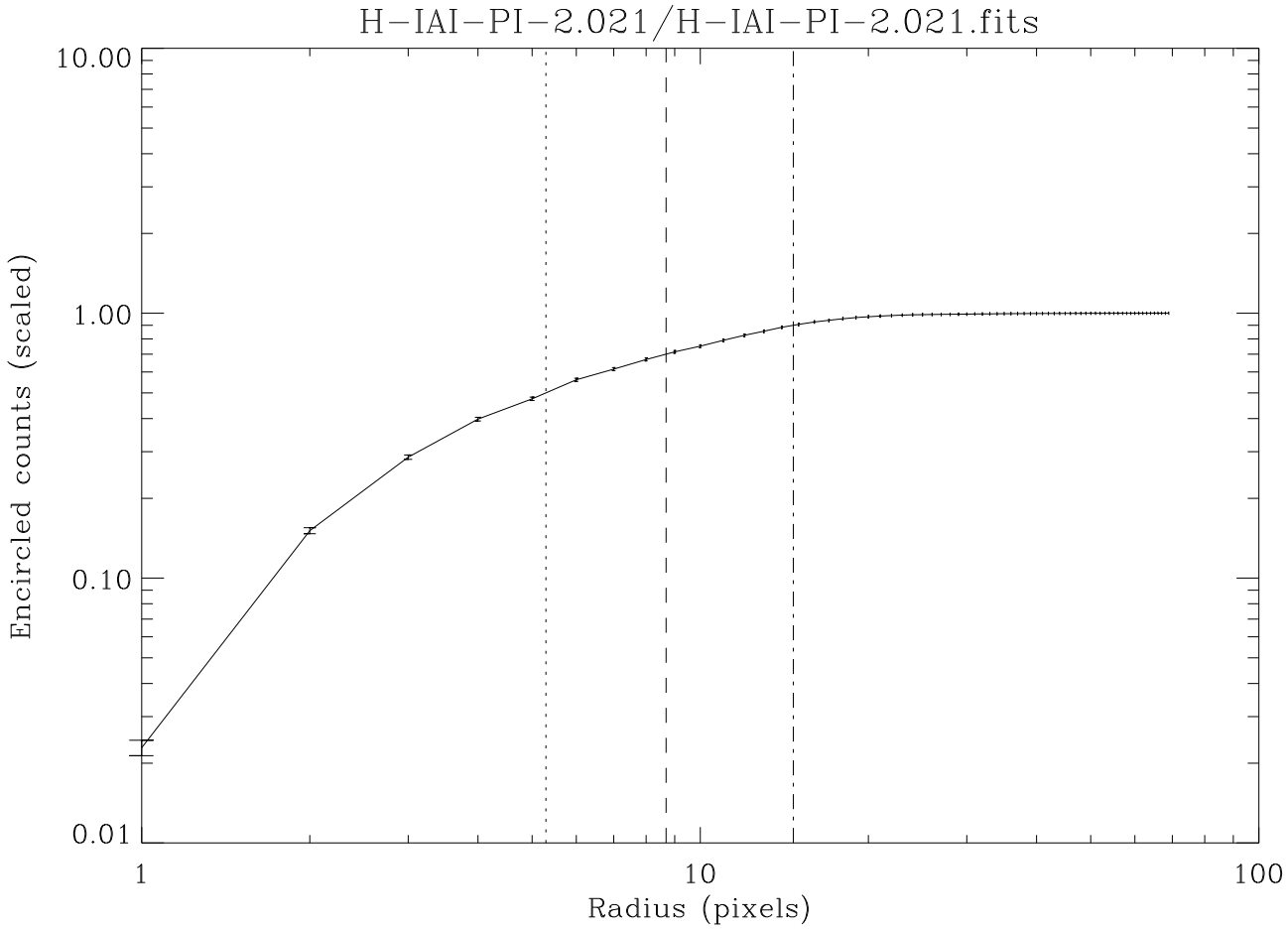
All measurements in pixels

Z gaussian FWHM = 5.7702226

Y gaussian FWHM = 9.1525279

Z fit parameters: Amplitude= 1351 Offset= 31 Sigma= 2

Y fit parameters: Amplitude= 804 Offset= 48 Sigma= 3



Encircled energy radii in pixels

50% radius = 5.29232

70% radius = 8.68485

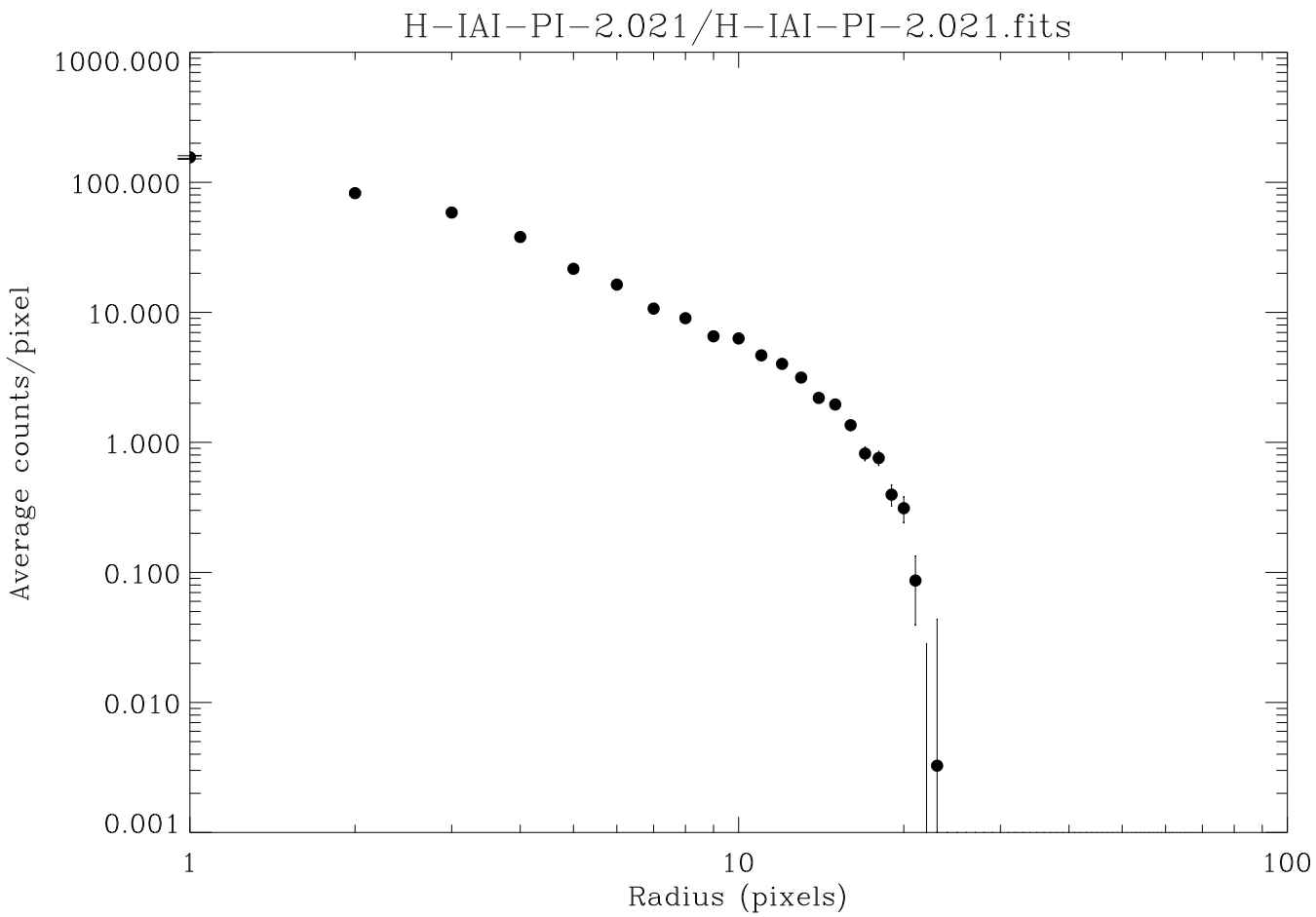
90% radius = 14.6737

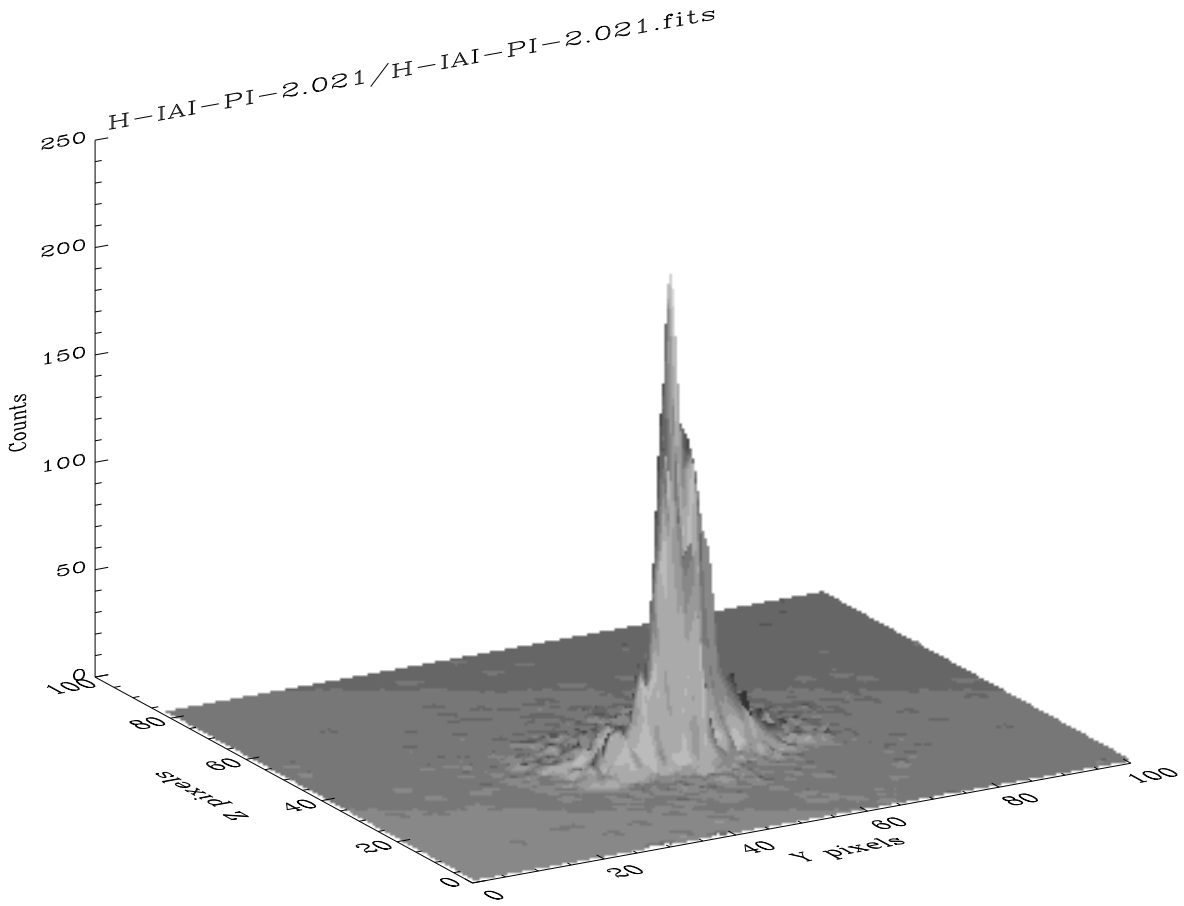
Encircled energy radii in microns

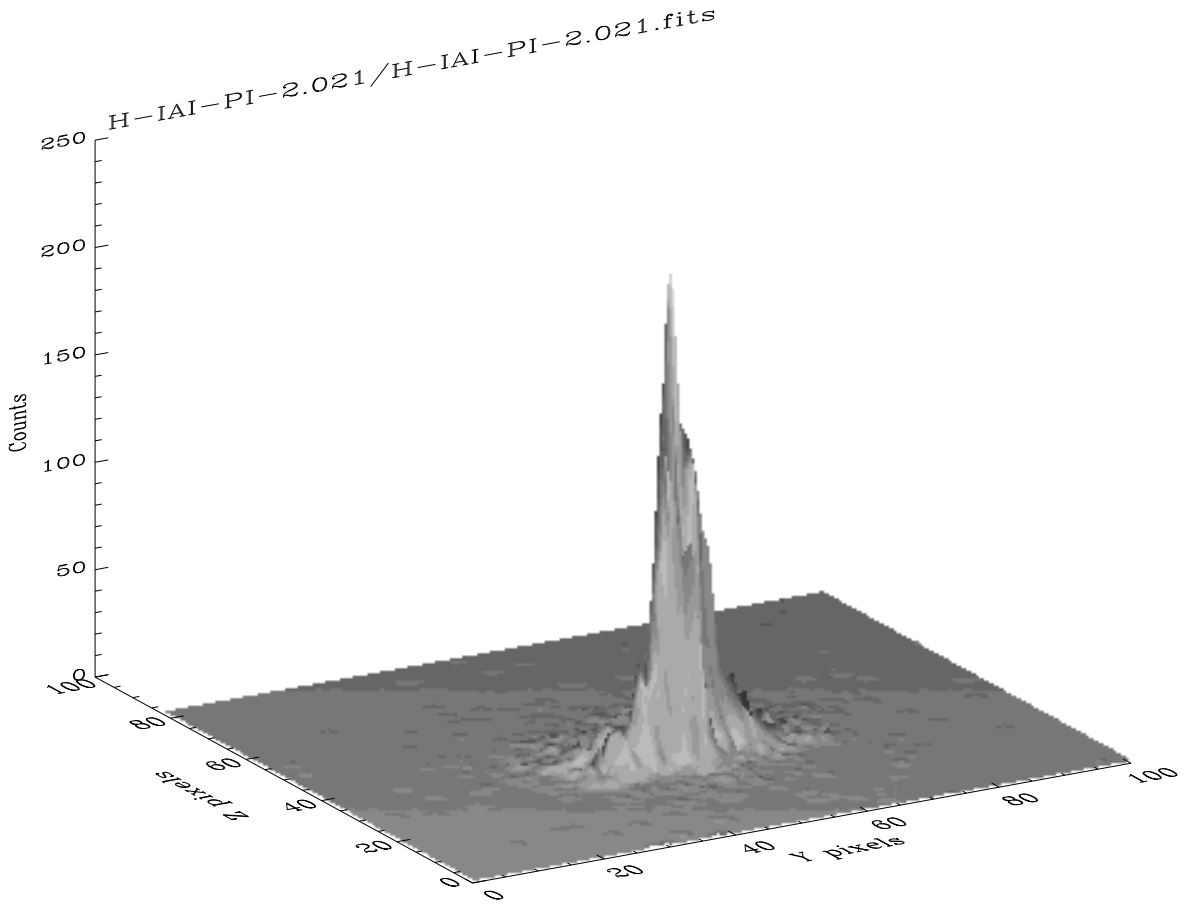
50% radius = 127.016

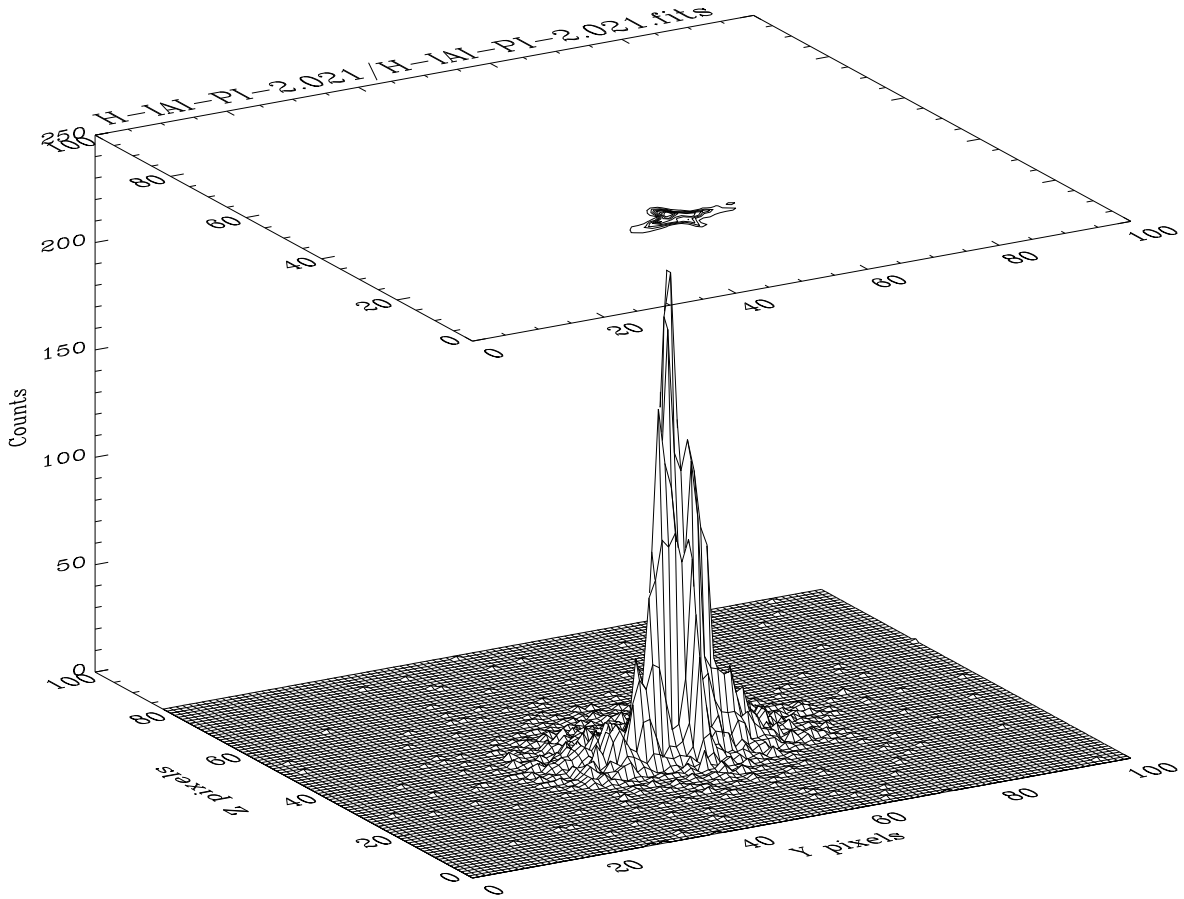
70% radius = 208.437

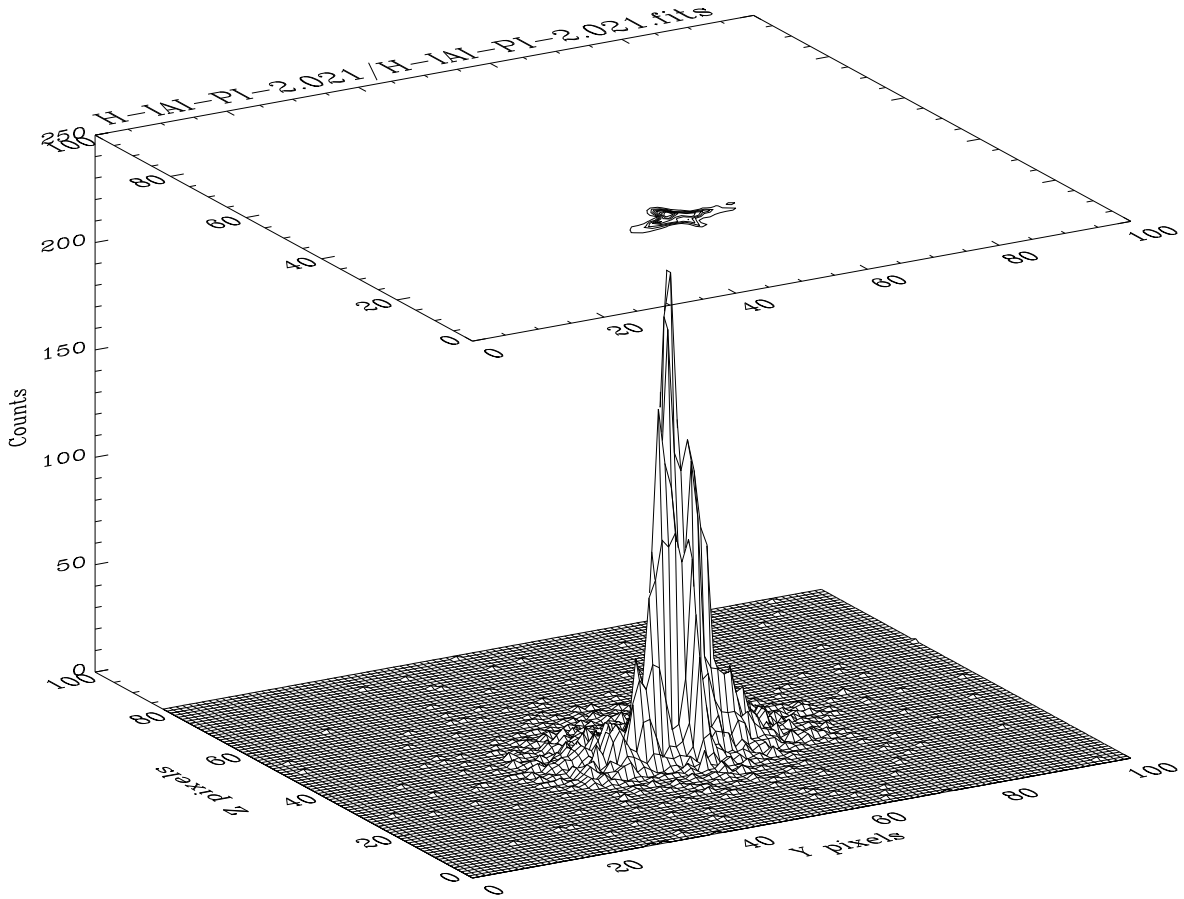
90% radius = 352.169

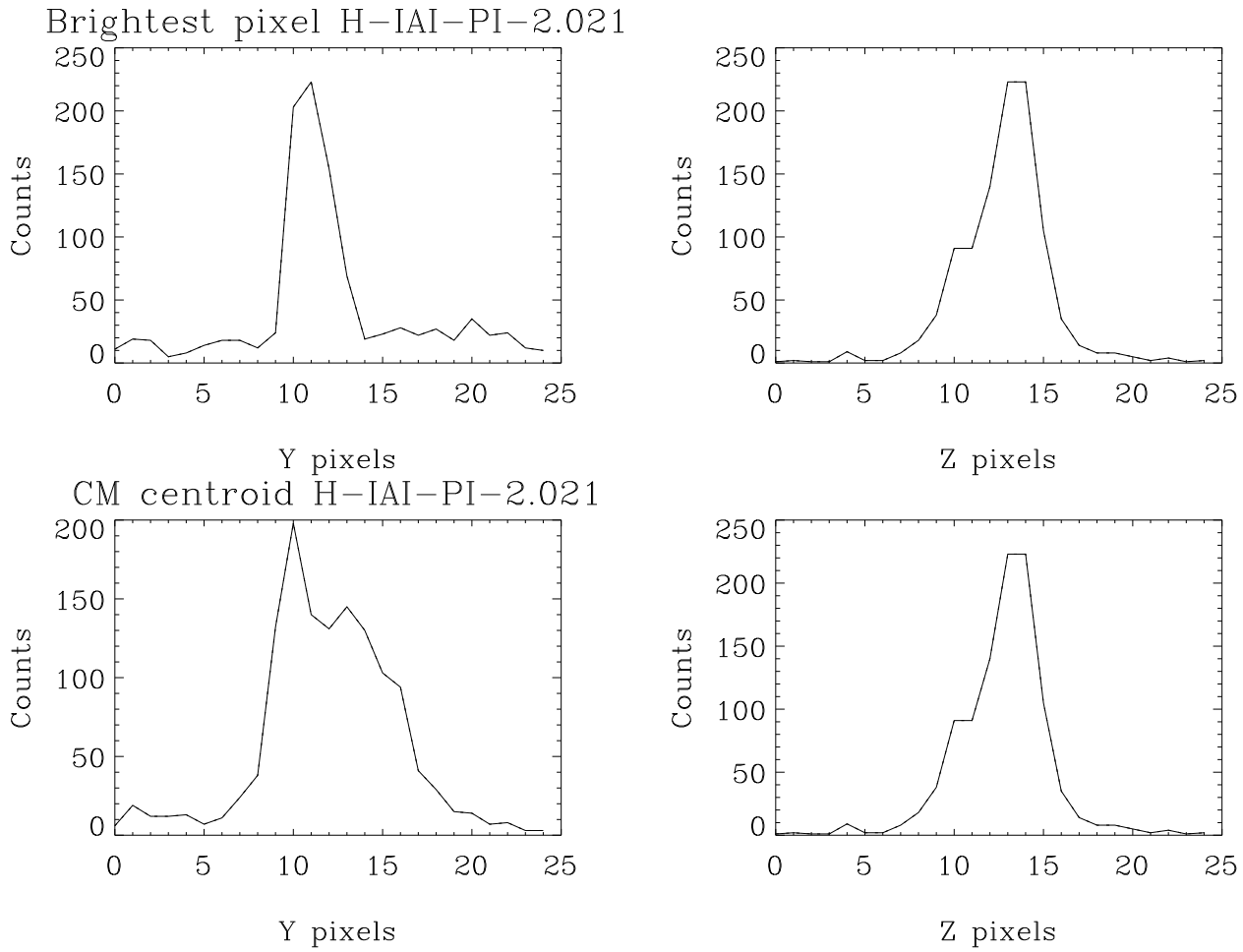

H−IAI−PI−2.021/H−IAI−PI−2.021.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H-IAI-PI-2.021/H-IAI-PI-2.021.fits
Counts
250
200
150
100
50
0
Z pixels
100
80
60
40
20
0
0
20
40
60
80
100
Y pixels


H-IAI-PI-2.021/H-IAI-PI-2.021.fits
Counts
250
200
150
100
50
0
Z pixels
100
80
60
40
20
0
0
20
40
60
80
100
Y pixels


H-1AI-P1-2.021/H-1AI-P1-2.021.fits
Counts
X pixels
Y pixels
0
20
40
60
80
100
150
200
250


H-1AI-P1-2.021/H-1AI-P1-2.021.fits
Counts
X pixels
Y pixels
0
20
40
60
80
100
150
200
250



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

Brightest pixel (Y,Z)

All grades	11	13
Std. grades	11	13

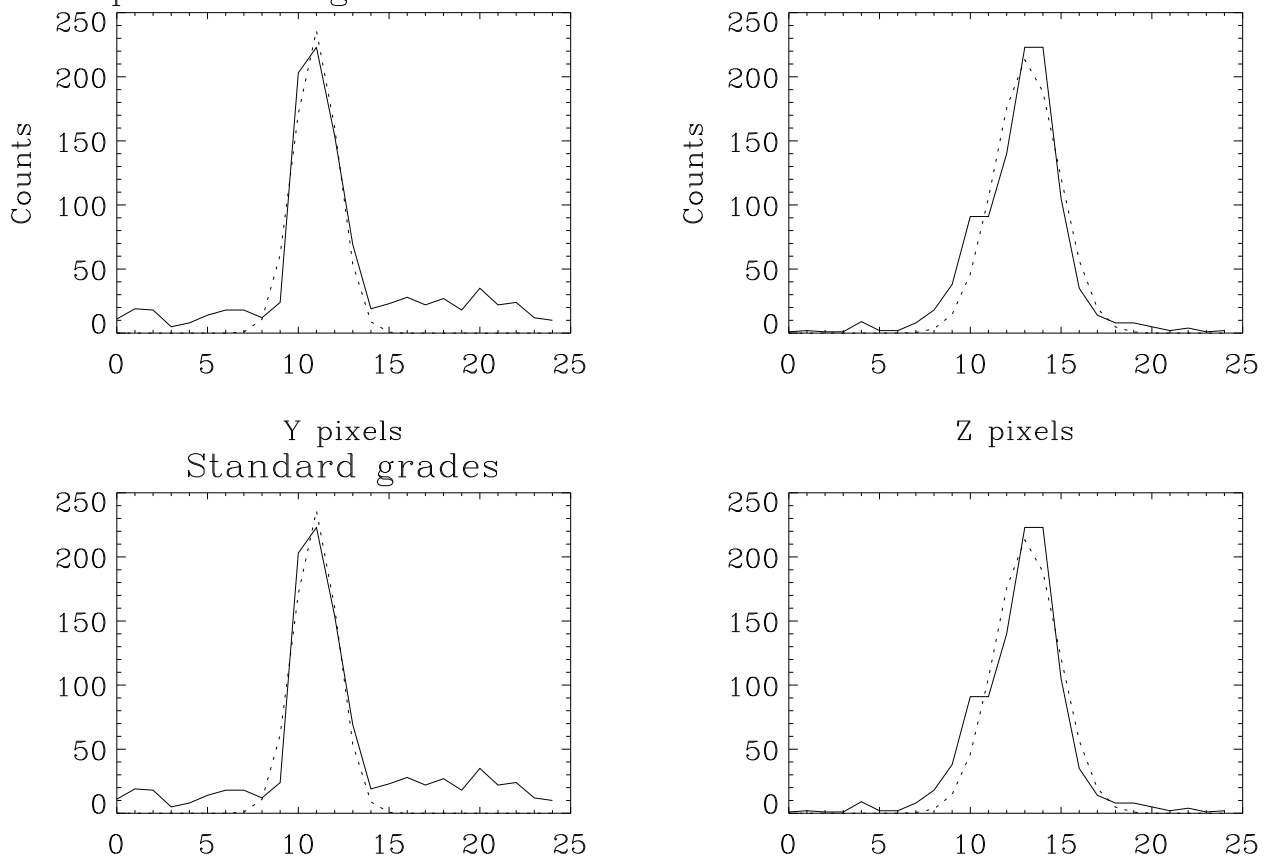
CM Centroid (Y,Z)

All grades	11.2692	12.4361
Std. grades	11.2692	12.4361

Brightest pixel maxima

All grades:	223
Std. grades:	223

Brightest pixel – All grades H–IAI–PI–2.021



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

	Integrated	Analytical
All Y	704.12728	703.96635
Std Y	704.12728	703.96635
All Z	950.26816	950.41615
Std Z	950.26816	950.41615

	amplitude	offset	sigma	FWHM
All Y:	236.28127	10.954496	1.1885916	2.7979448
Std Y:	236.28127	10.954496	1.1885916	2.7979448
All Z:	213.65987	13.109199	1.7746018	4.1774128
Std Z:	213.65987	13.109199	1.7746018	4.1774128