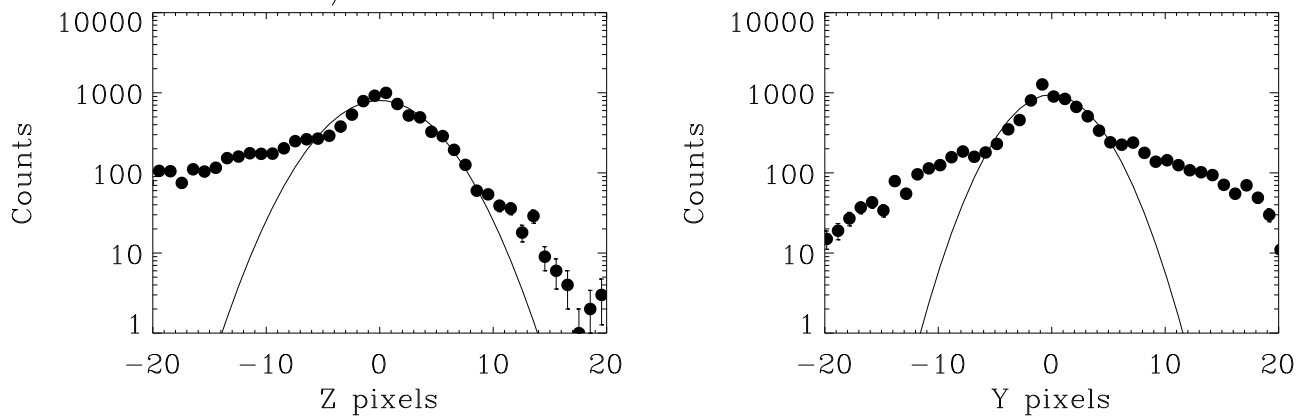
H−IAI−PI−2.003/H−IAI−PI−2.003.fits



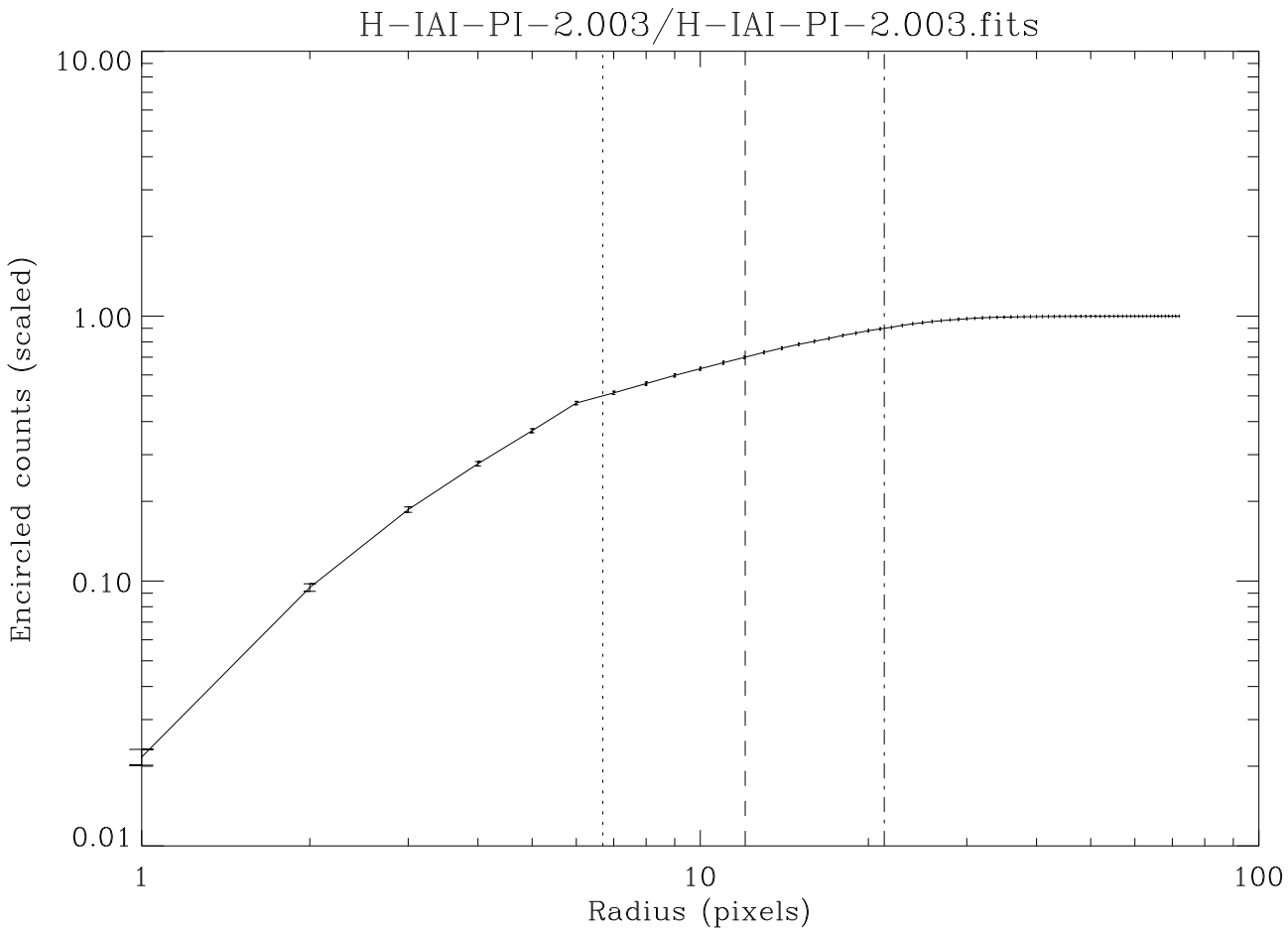
All measurements in pixels

Z gaussian FWHM = 8.9582326

Y gaussian FWHM = 7.3621377

Z fit parameters: Amplitude= 804 Offset= 49 Sigma= 3

Y fit parameters: Amplitude= 950 Offset= 48 Sigma= 3



Encircled energy radii in pixels

50% radius = 6.69149

70% radius = 12.0352

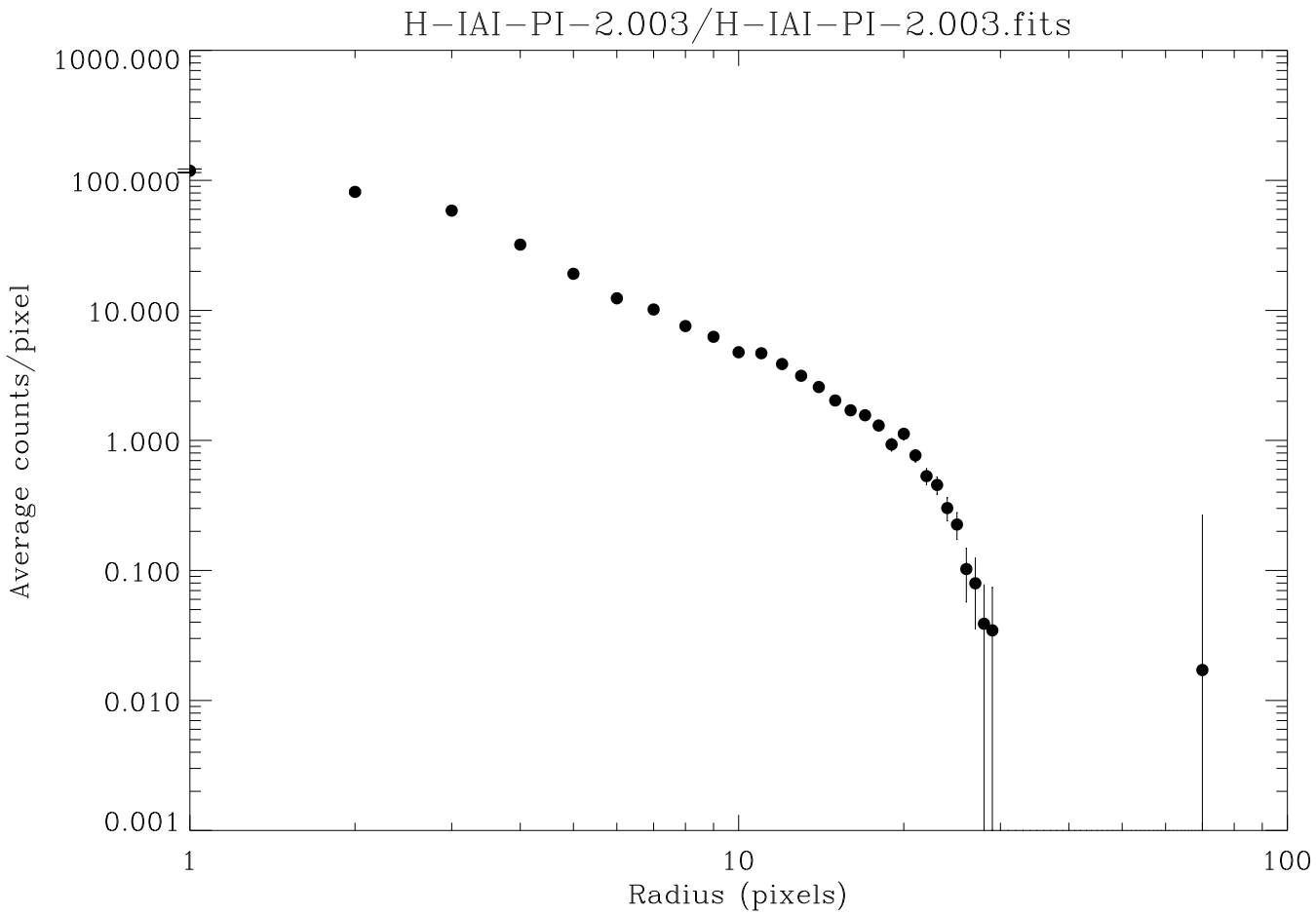
90% radius = 21.3535

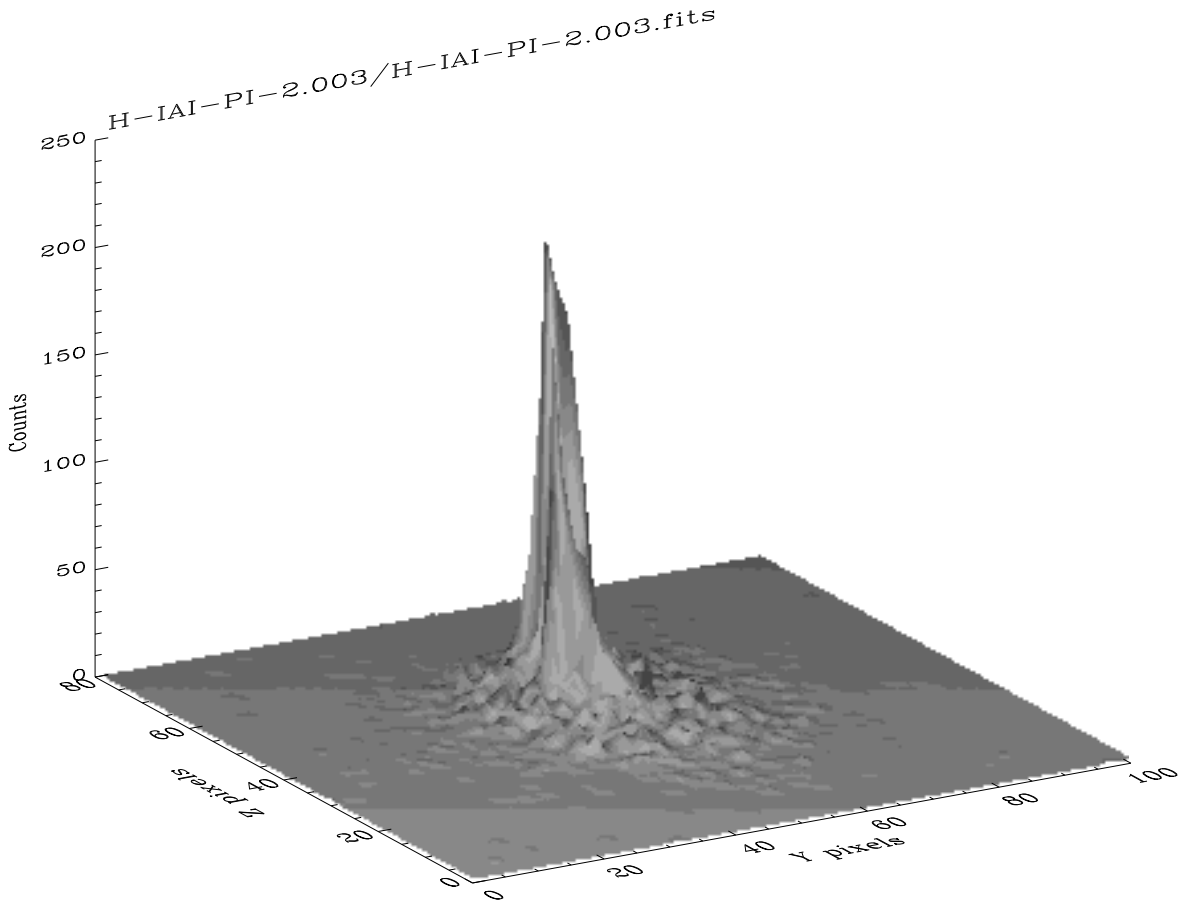
Encircled energy radii in microns

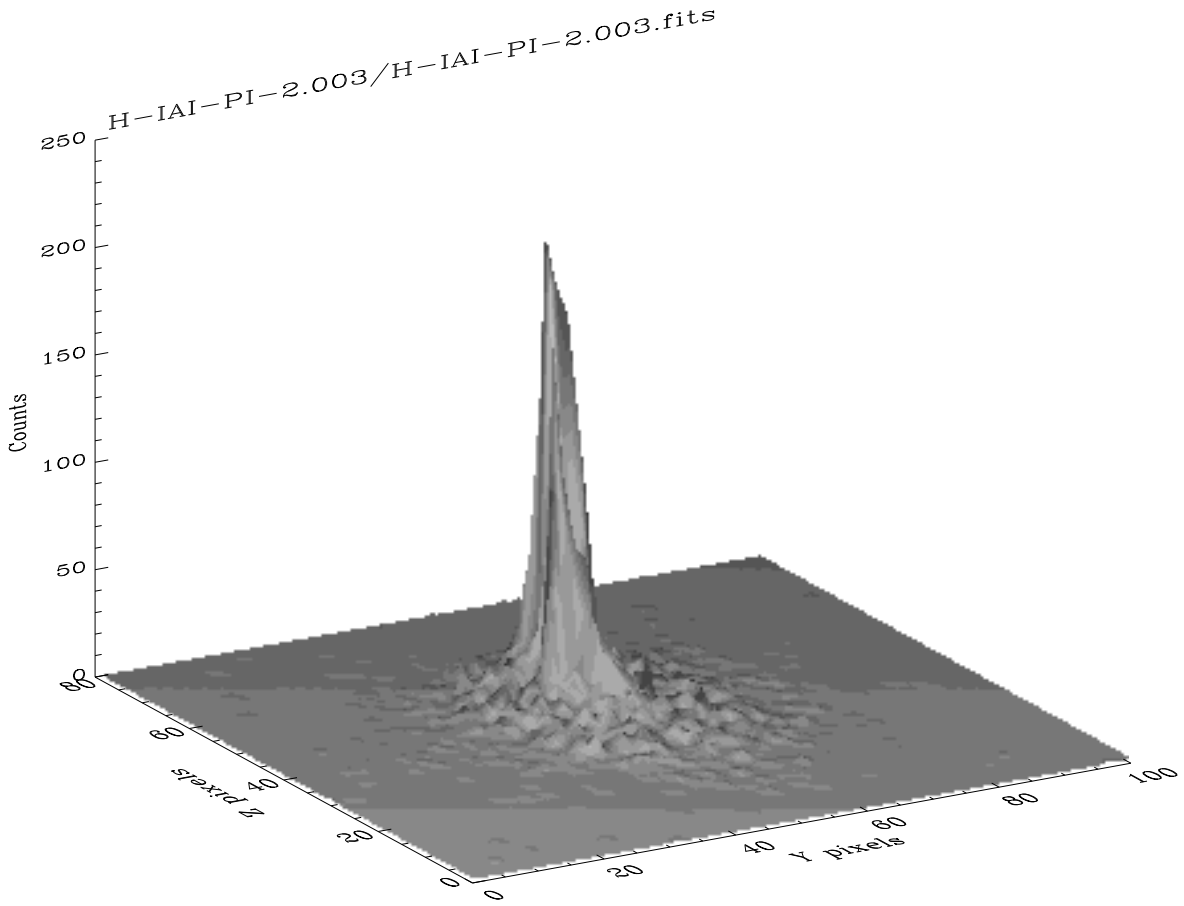
50% radius = 160.596

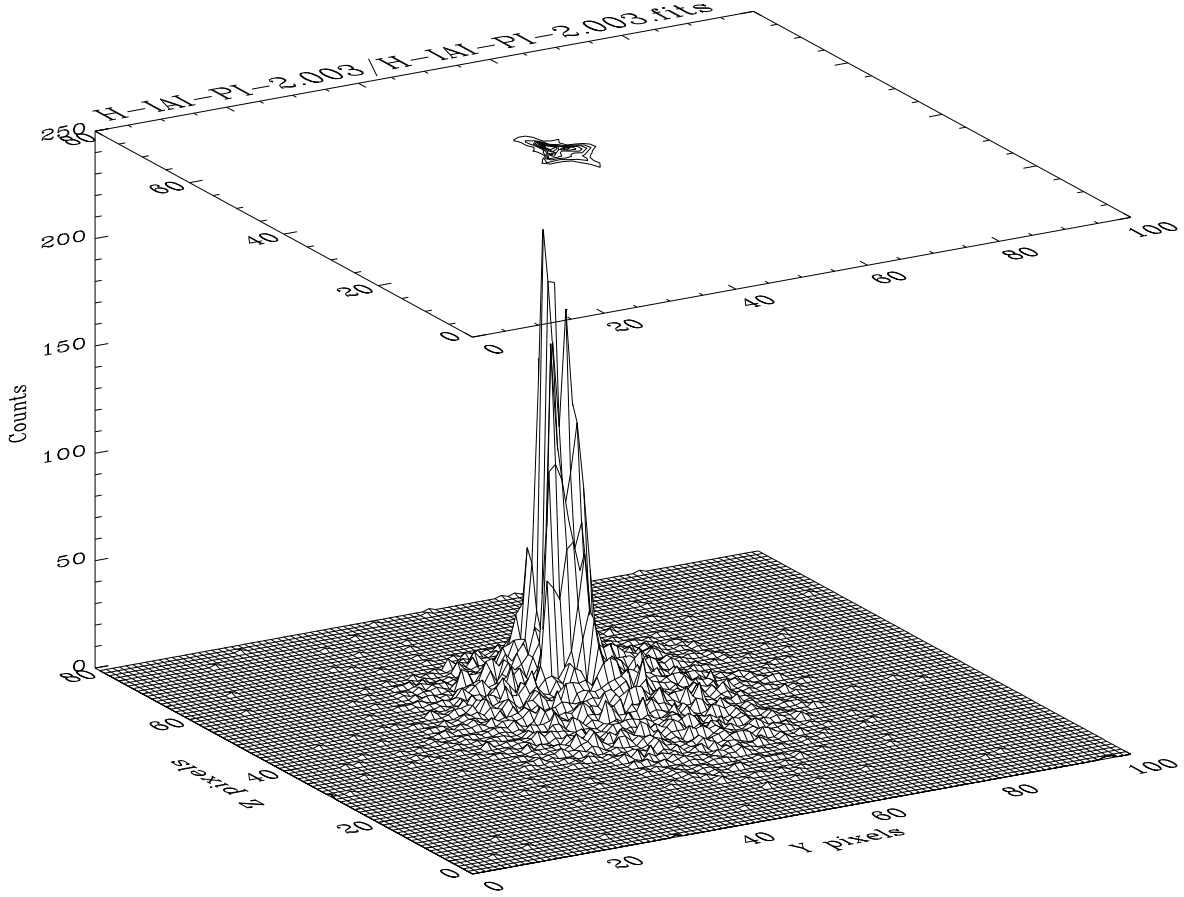
70% radius = 288.845

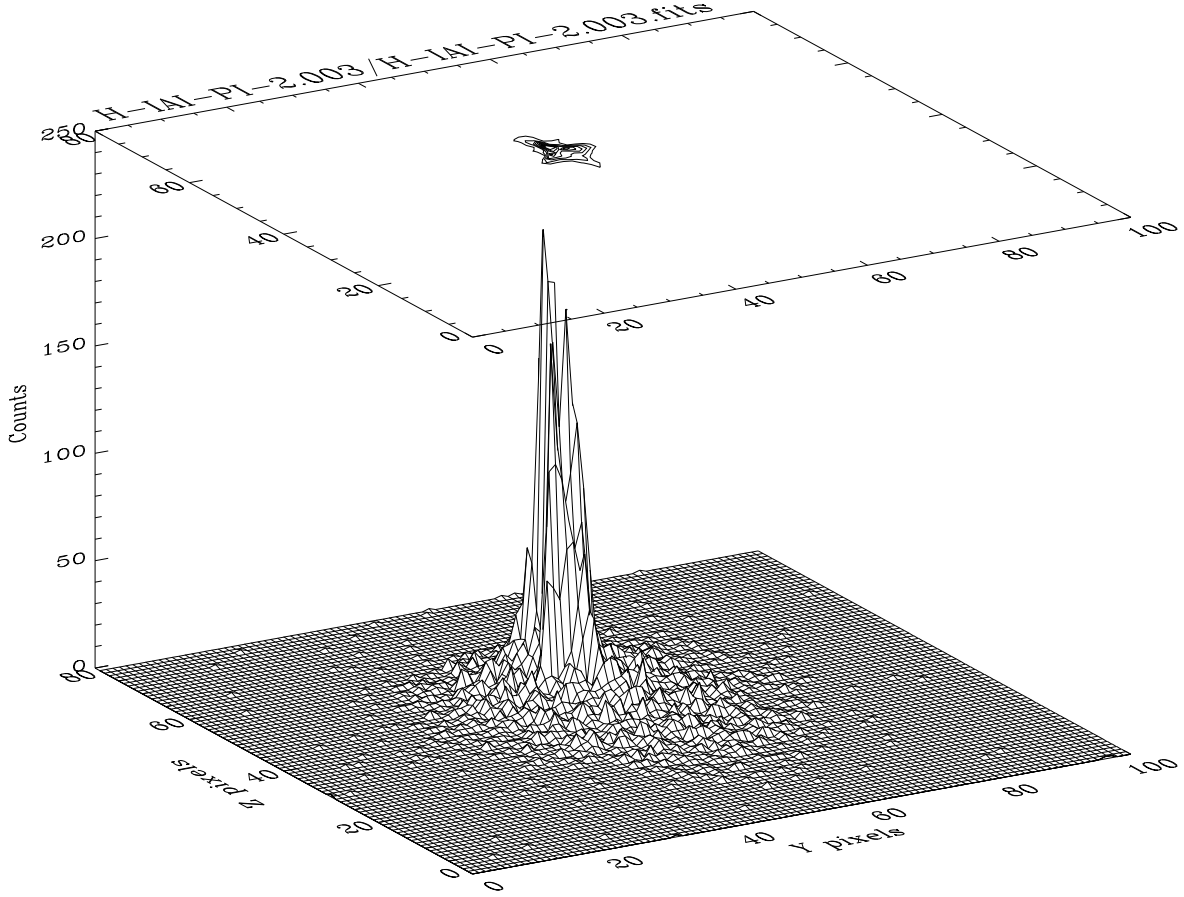
90% radius = 512.485

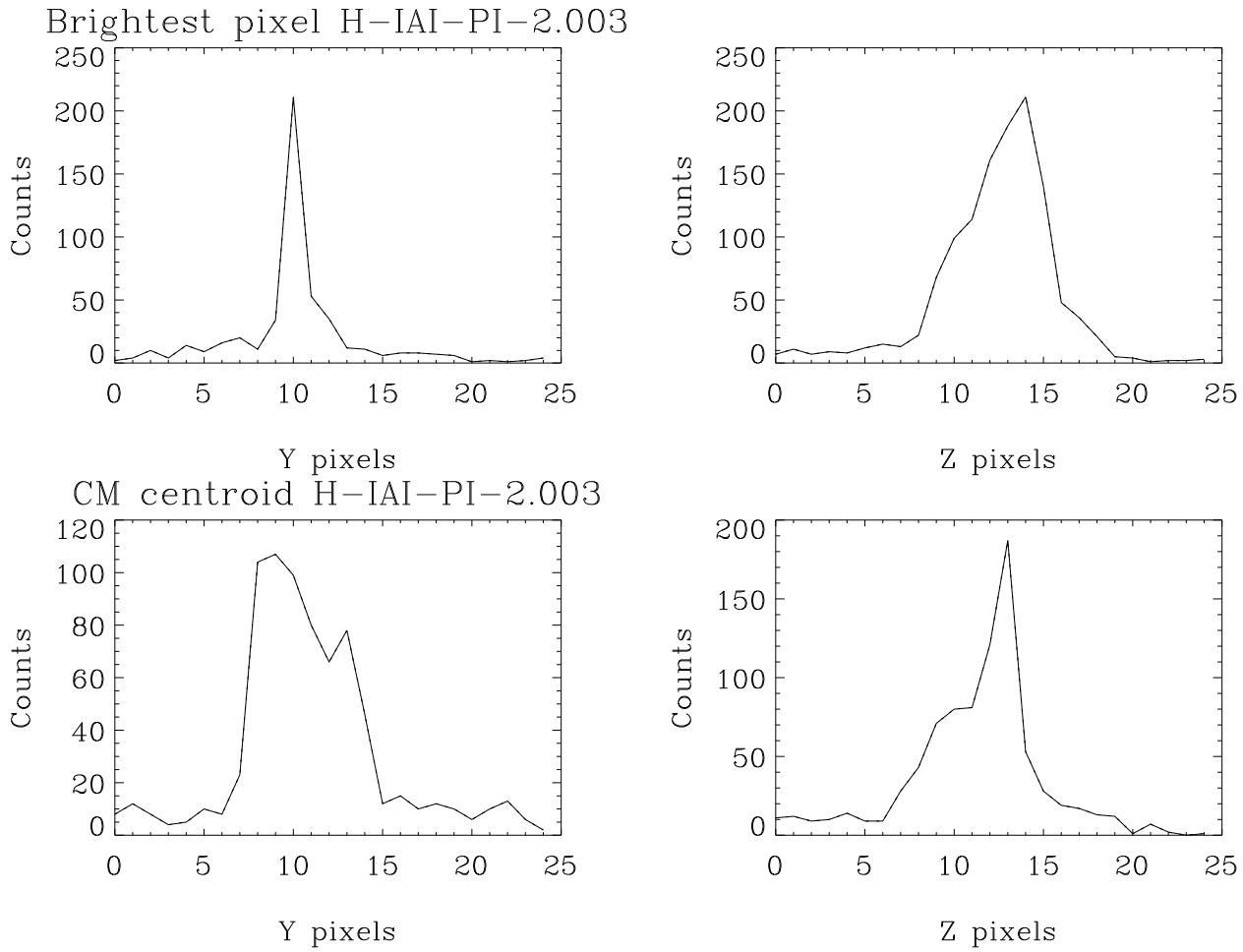

H−IAI−PI−2.003/H−IAI−PI−2.003.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H−IAI−PI−2.003/H−IAI−PI−2.003.fits
Counts
250
200
150
100
50
0
X pixels
0
20
40
60
80
100
Y pixels
0
20
40
60
80
100


H−IAI−PI−2.003/H−IAI−PI−2.003.fits
Counts
250
200
150
100
50
0
X pixels
0
20
40
60
80
100
Y pixels
0
20
40
60
80
100


H-1AI-P1-2.003/H-1AI-P1-2.003.fits
Counts
X pixels
Y pixels
0
20
40
60
80
100
0
50
100
150
200
250


H-1AI-P1-2.003/H-1AI-P1-2.003.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	10	14
Std. grades	10	14

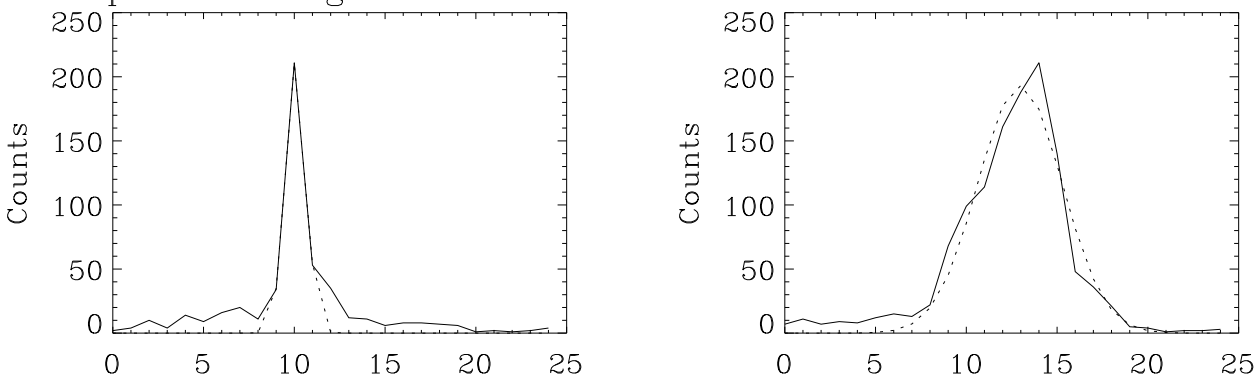
CM Centroid (Y,Z)

All grades	11.1898	10.9280
Std. grades	11.1898	10.9280

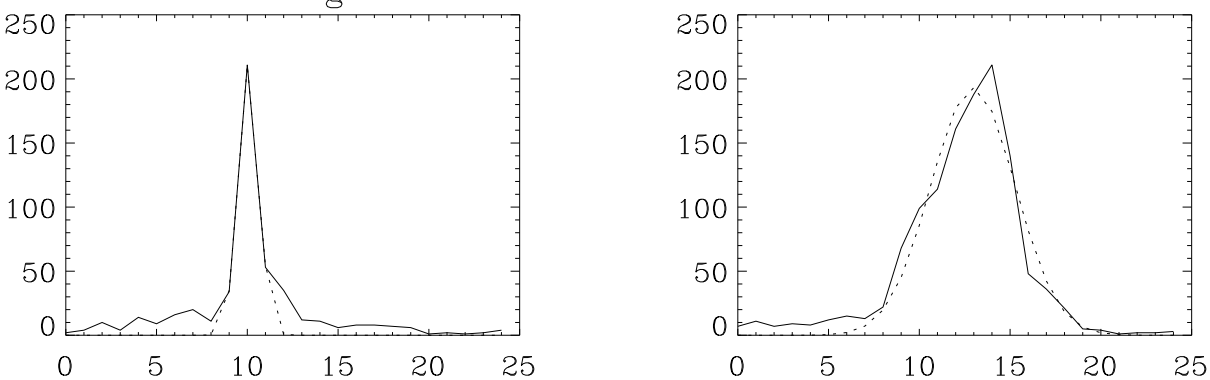
Brightest pixel maxima

All grades:	211
Std. grades:	211

Brightest pixel – All grades H–IAI–PI–2.003



Standard grades



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

	Integrated	Analytical
All Y	239.57211	299.53647
Std Y	239.57211	299.53647
All Z	1123.4880	1123.4847
Std Z	1123.4880	1123.4847

	amplitude	offset	sigma	FWHM
All Y:	212.28759	10.070063	0.56290508	1.3250786
Std Y:	212.28759	10.070063	0.56290508	1.3250786
All Z:	193.26105	12.957158	2.3191716	5.4593302
Std Z:	193.26105	12.957158	2.3191716	5.4593302