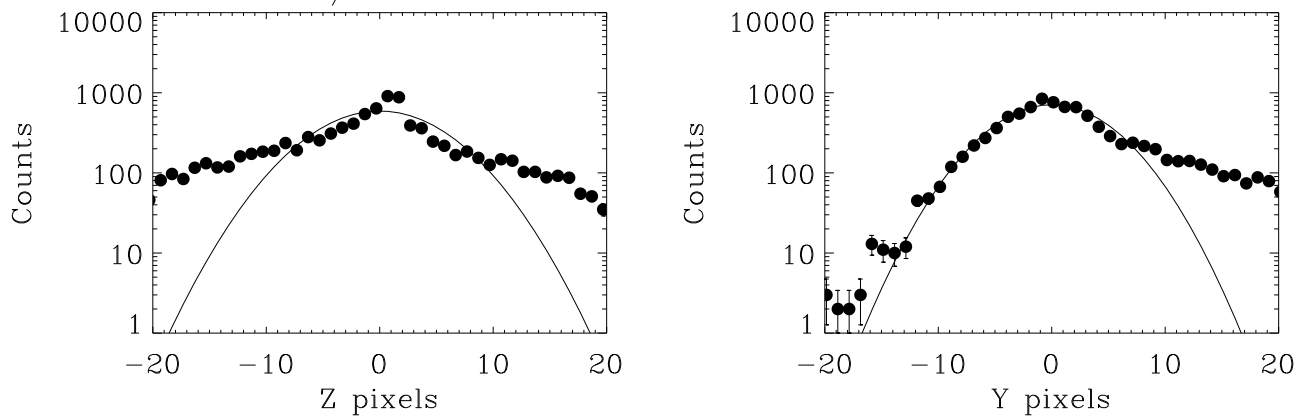
H−IAI−PI−1.014/H−IAI−PI−1.014.fits



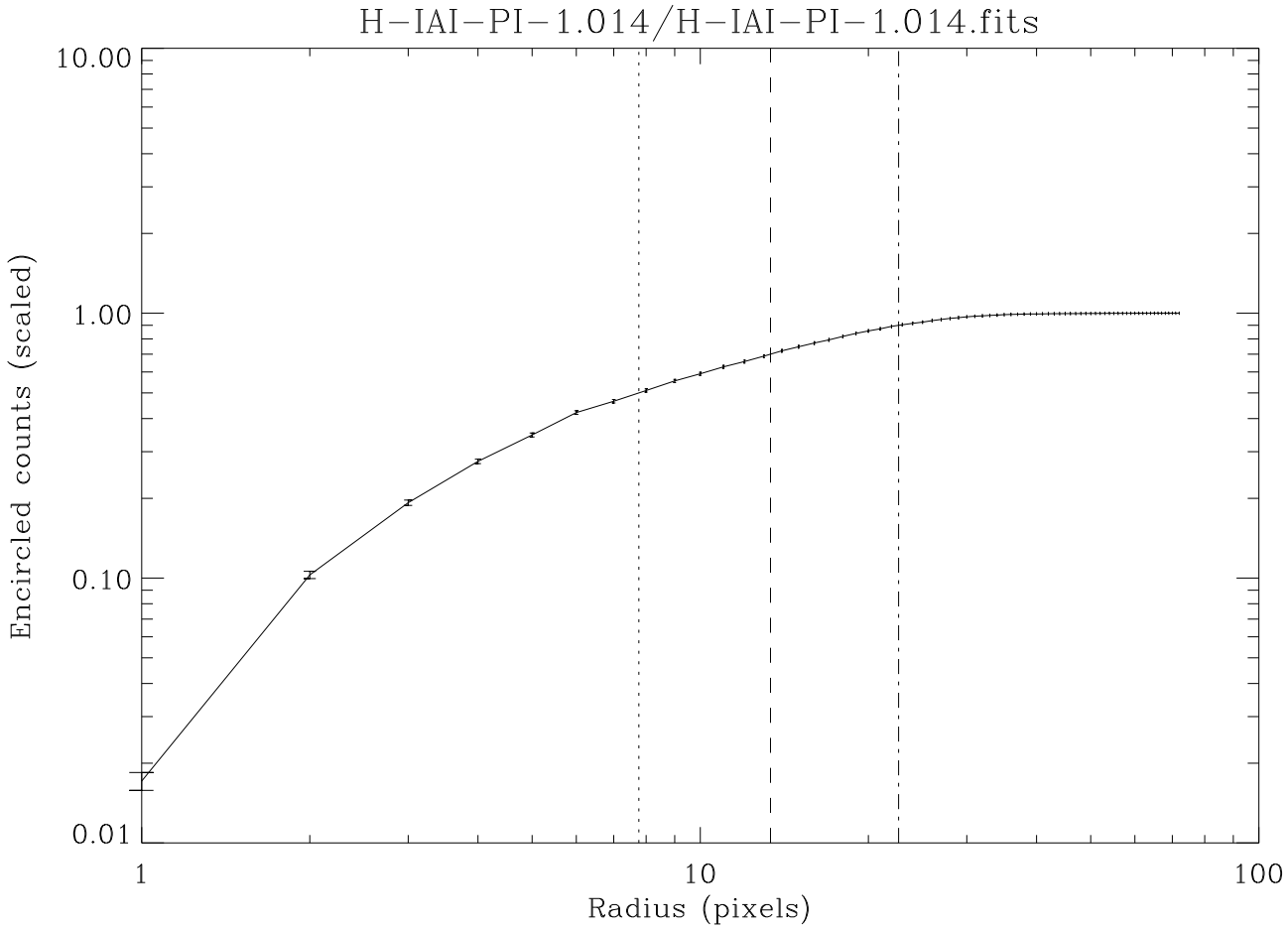
All measurements in pixels

Z gaussian FWHM = 12.227352

Y gaussian FWHM = 10.857666

Z fit parameters: Amplitude= 592 Offset= 50 Sigma= 5

Y fit parameters: Amplitude= 710 Offset= 29 Sigma= 4



Encircled energy radii in pixels

50% radius = 7.76357

70% radius = 13.3571

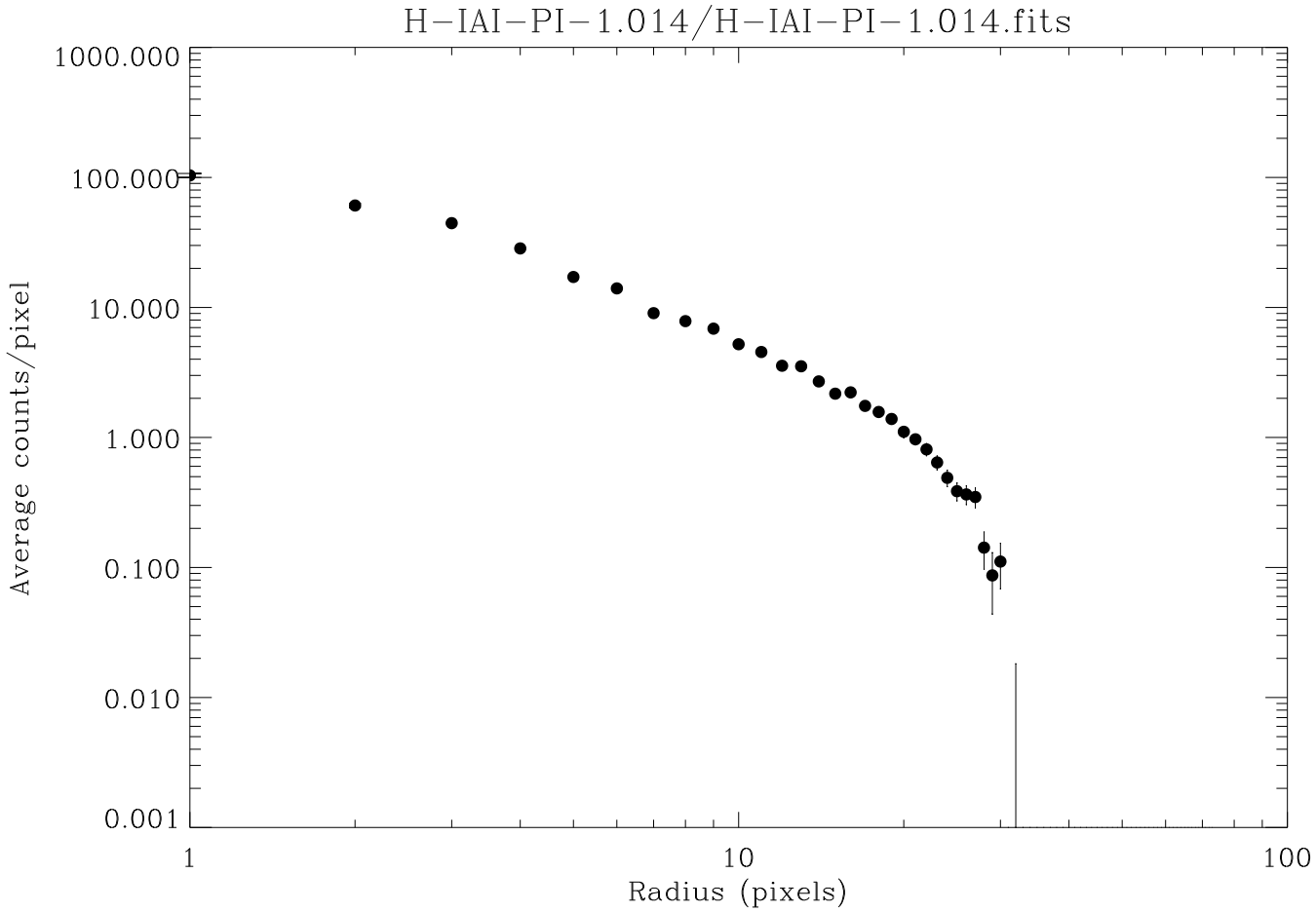
90% radius = 22.6496

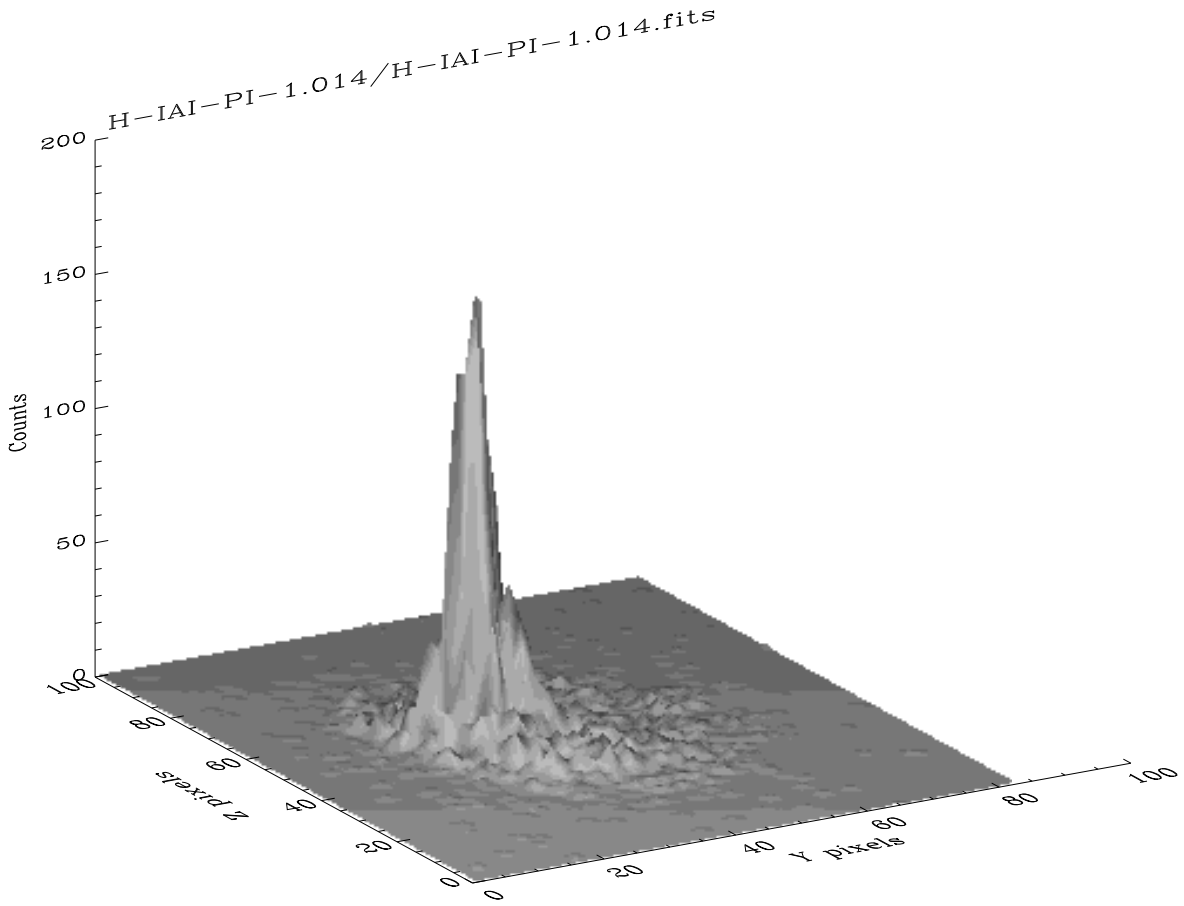
Encircled energy radii in microns

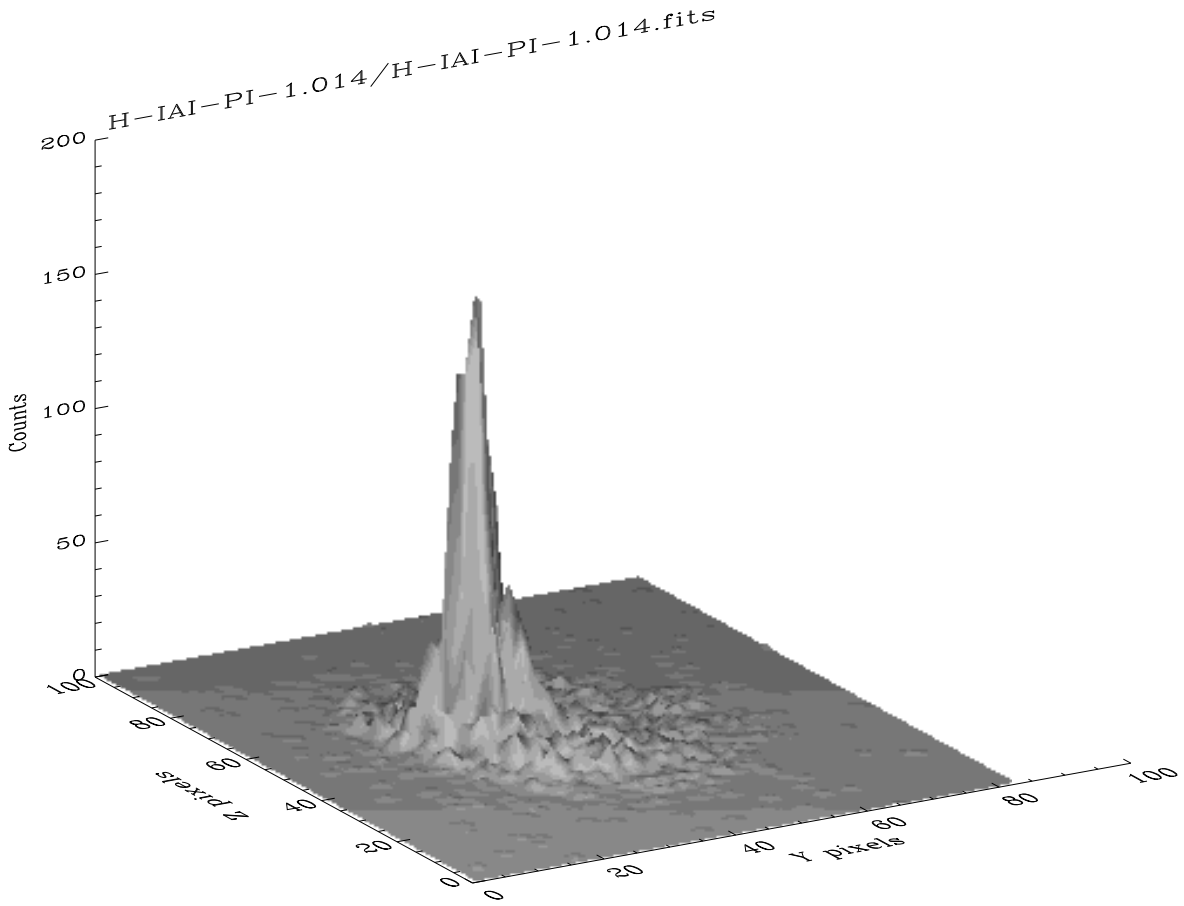
50% radius = 186.326

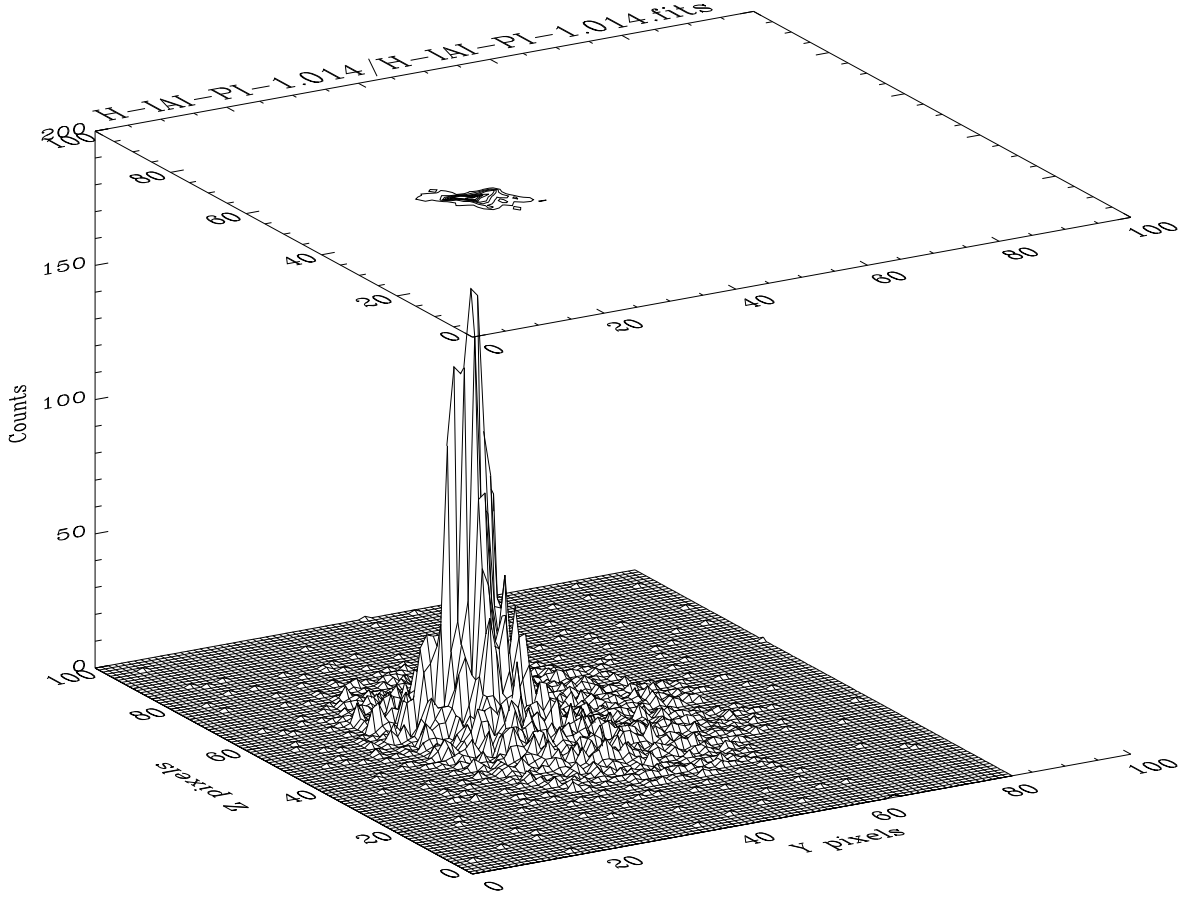
70% radius = 320.569

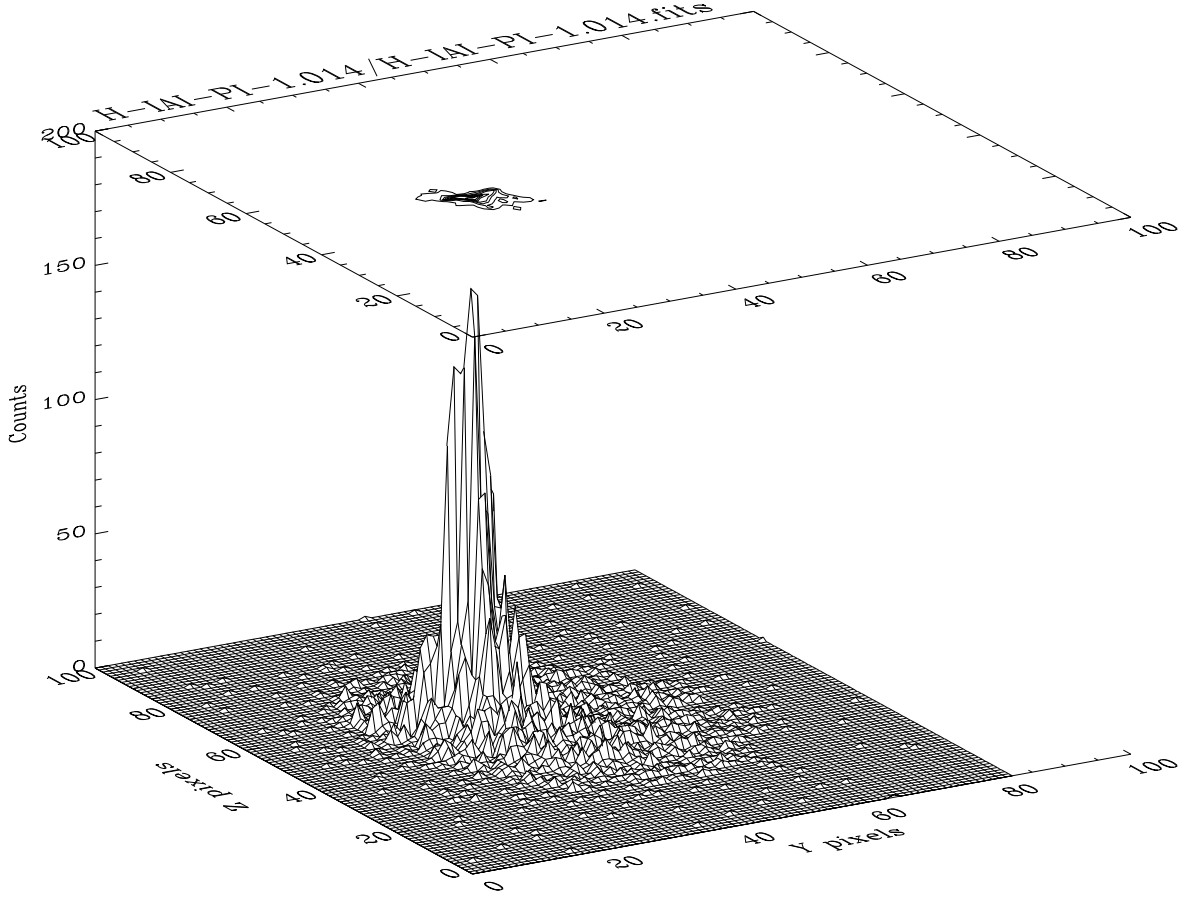
90% radius = 543.590

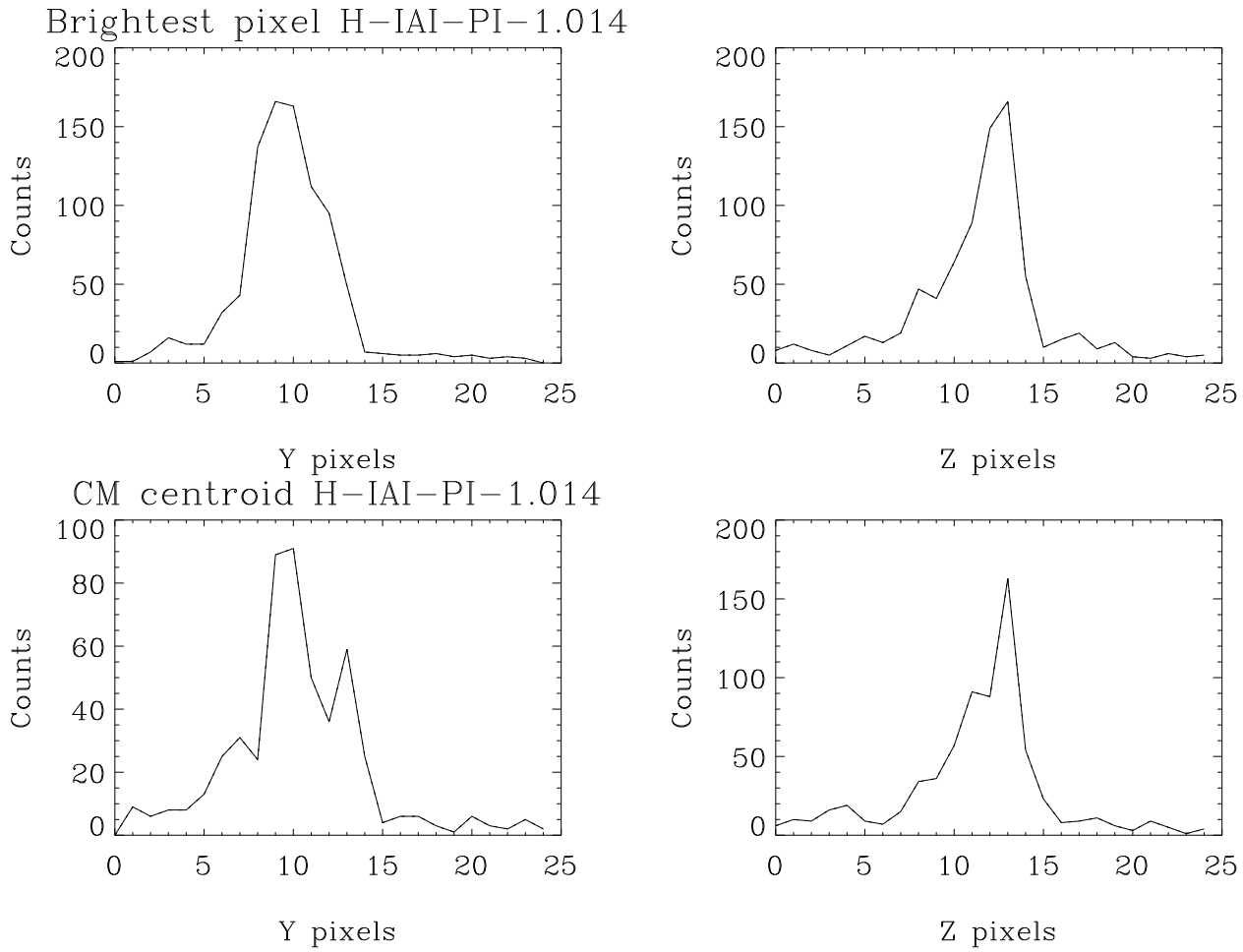

H−IAI−PI−1.014/H−IAI−PI−1.014.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H-IAI-PI-1.014/H-IAI-PI-1.014.fits
Counts
200
150
100
50
0
Z pixels
100
80
60
40
20
0
Y pixels
0
20
40
60
80
100


H-IAI-PI-1.014/H-IAI-PI-1.014.fits
Counts
200
150
100
50
0
Z pixels
100
80
60
40
20
0
Y pixels
0
20
40
60
80
100


H-1A1-P1-1.014/H-1A1-P1-1.014.fits
Counts
X pixels
Y pixels
0
20
40
60
80
100
50
150
200


H-1A1-P1-1.014/H-1A1-P1-1.014.fits
Counts
X pixels
Y pixels
0
20
40
60
80
100
50
150
200



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

Brightest pixel (Y,Z)

All grades	9	13
Std. grades	9	13

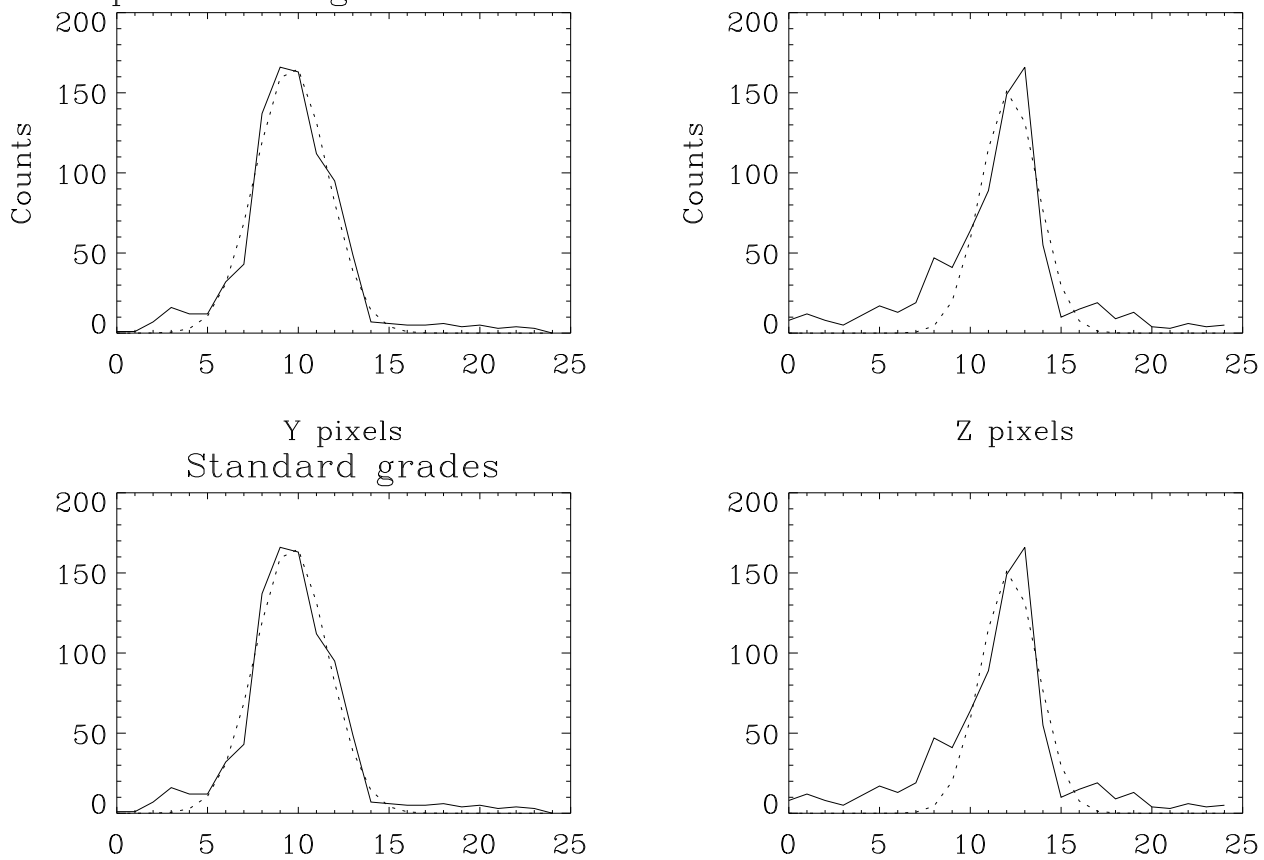
CM Centroid (Y,Z)

All grades	10.2895	11.9043
Std. grades	10.2895	11.9043

Brightest pixel maxima

All grades:	166
Std. grades:	166

Brightest pixel – All grades H–IAI–PI–1.014



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

	Integrated	Analytical
All Y	828.35441	828.61060
Std Y	828.35441	828.61060
All Z	598.07696	596.85088
Std Z	598.07696	596.85088

	amplitude	offset	sigma	FWHM
All Y:	167.74217	9.6306743	1.9706899	4.6390042
Std Y:	167.74217	9.6306743	1.9706899	4.6390042
All Z:	151.71052	12.163758	1.5694960	3.6945937
Std Z:	151.71052	12.163758	1.5694960	3.6945937