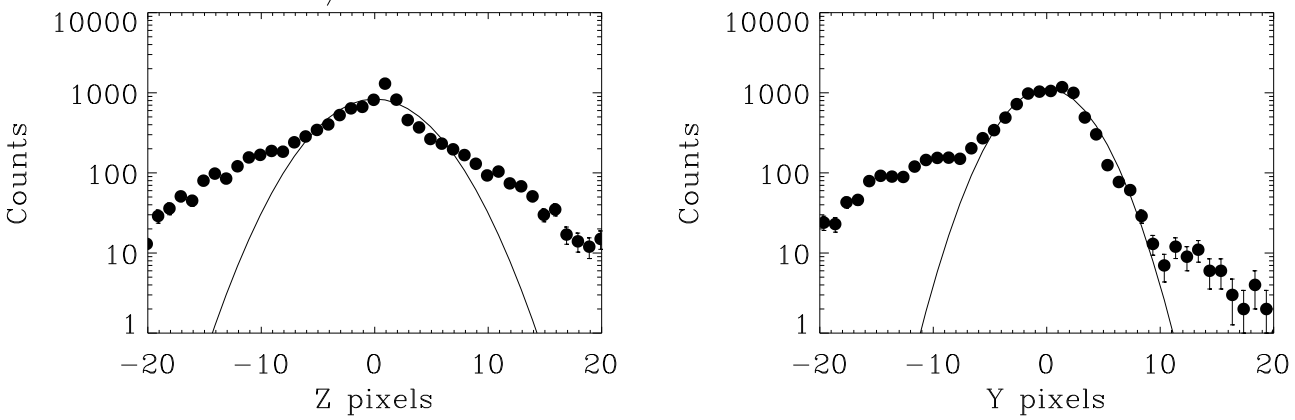
H−IAI−PI−2.009/H−IAI−PI−2.009.fits



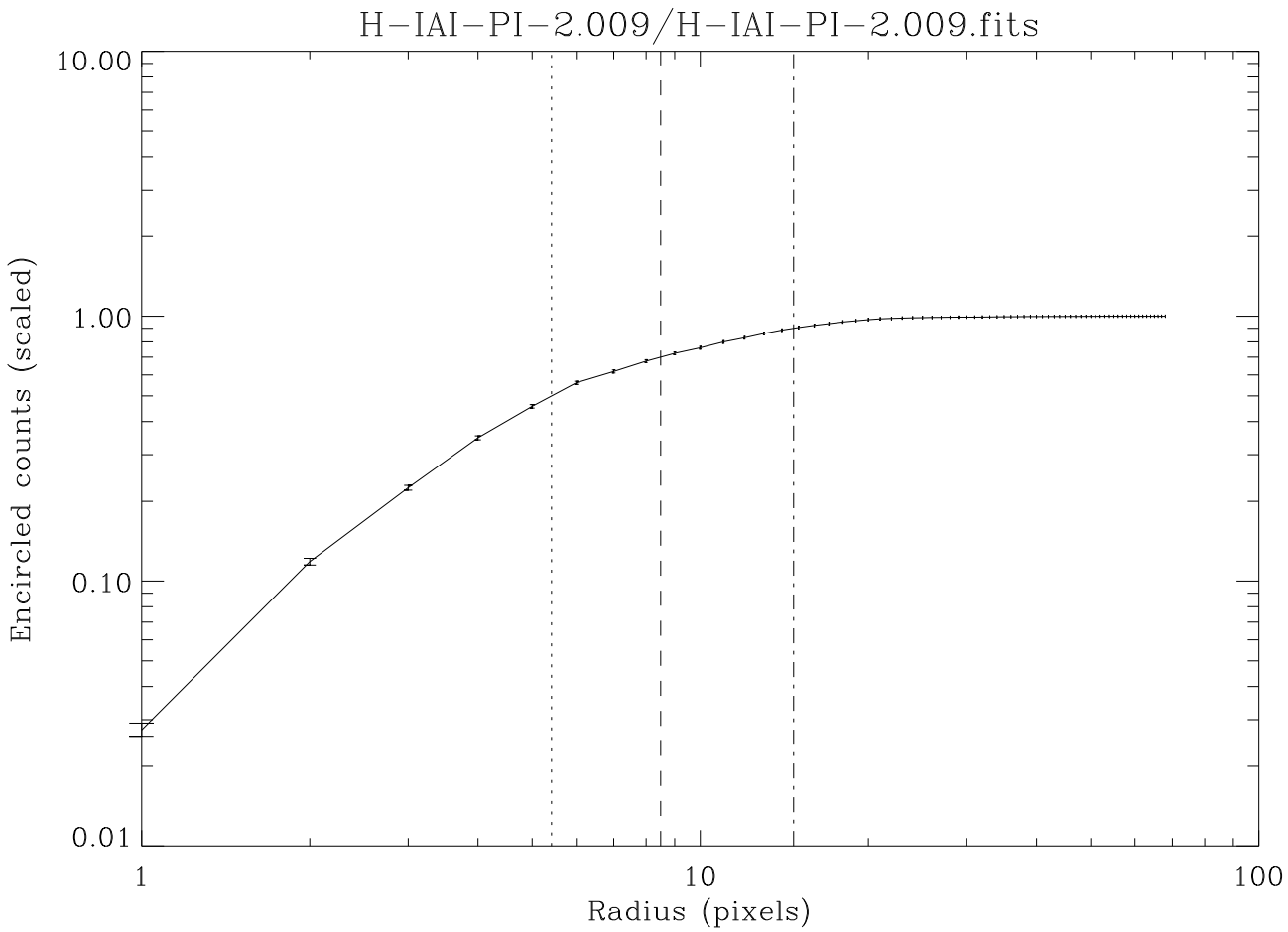
All measurements in pixels

Z gaussian FWHM = 9.1866012

Y gaussian FWHM = 6.9939989

Z fit parameters: Amplitude= 837 Offset= 50 Sigma= 3

Y fit parameters: Amplitude= 1134 Offset= 48 Sigma= 2



Encircled energy radii in pixels

50% radius = 5.41683

70% radius = 8.49588

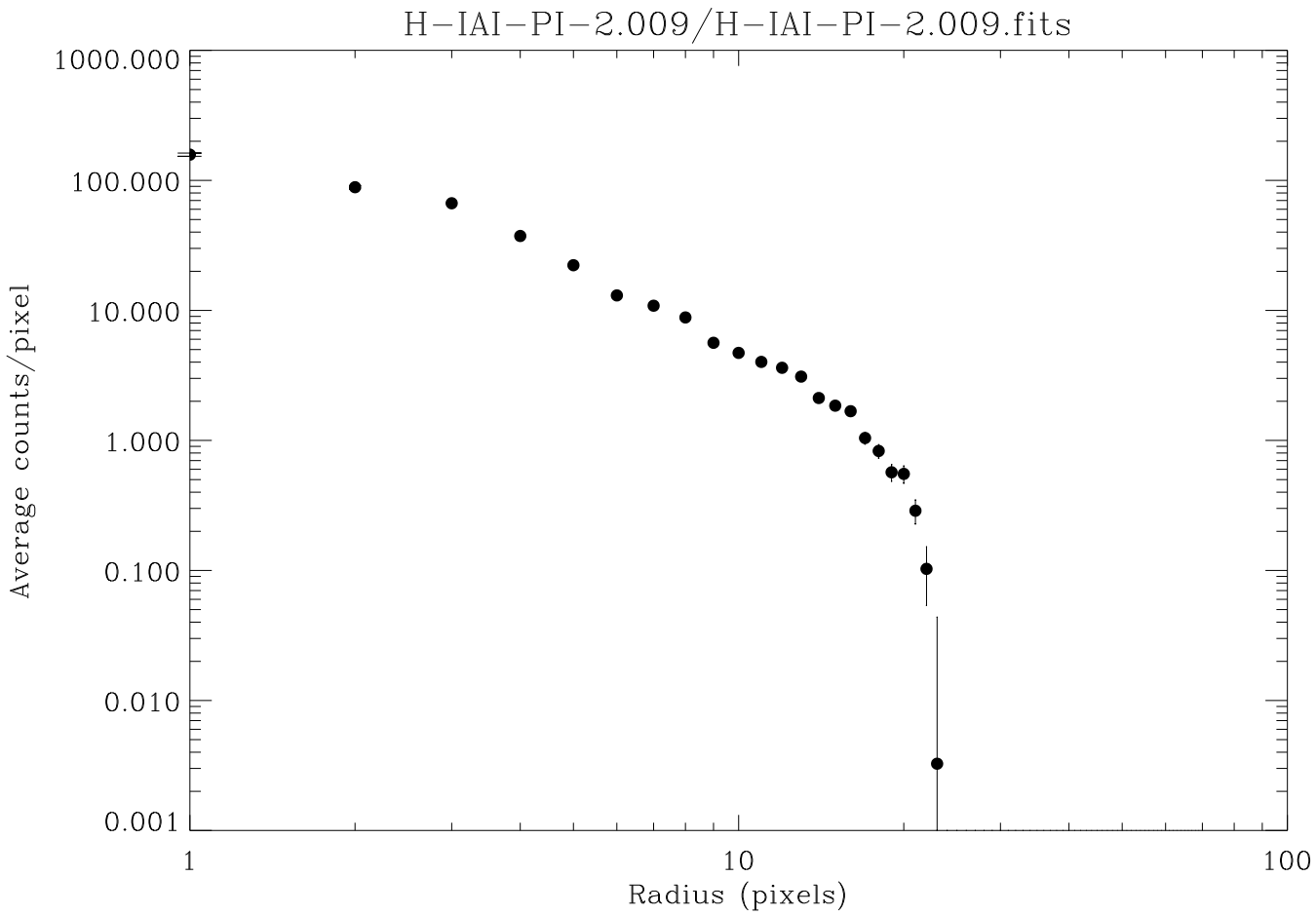
90% radius = 14.6918

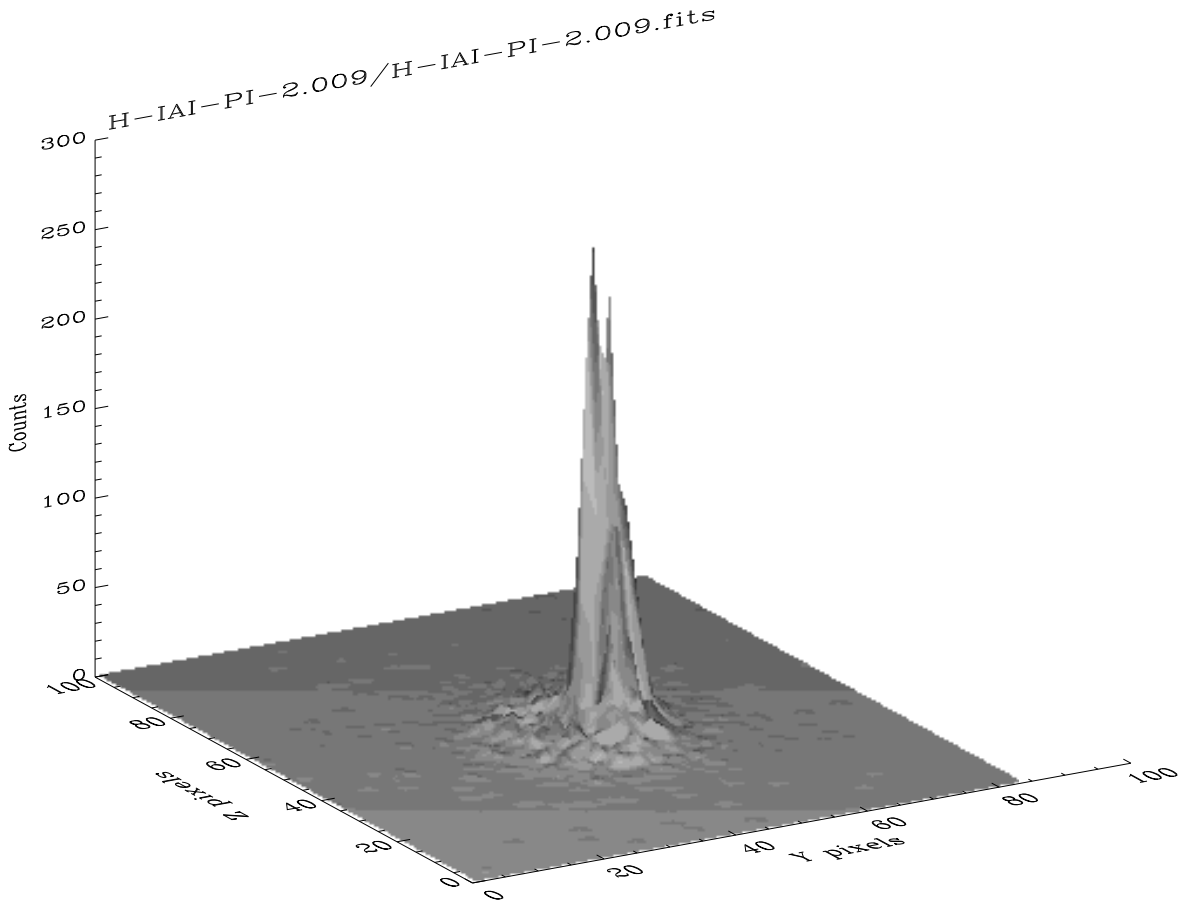
Encircled energy radii in microns

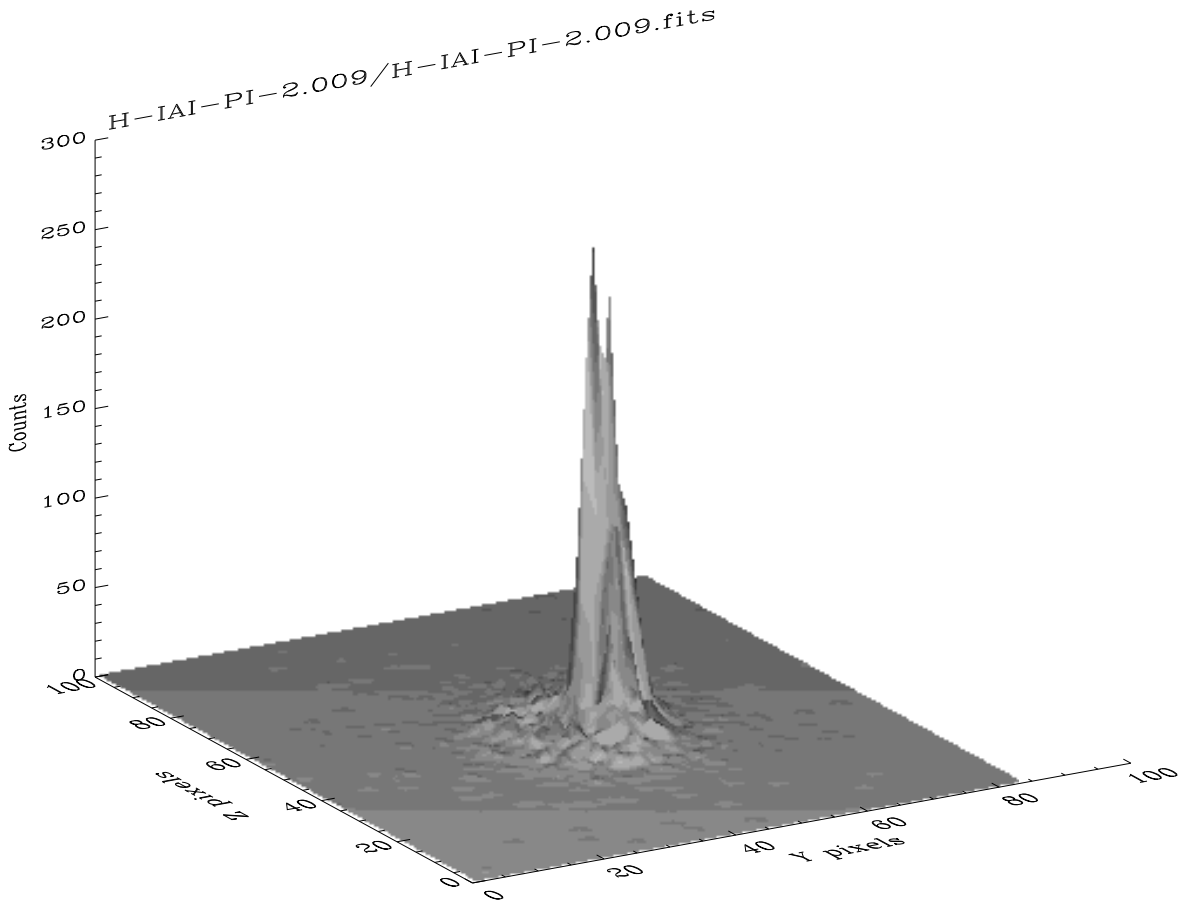
50% radius = 130.004

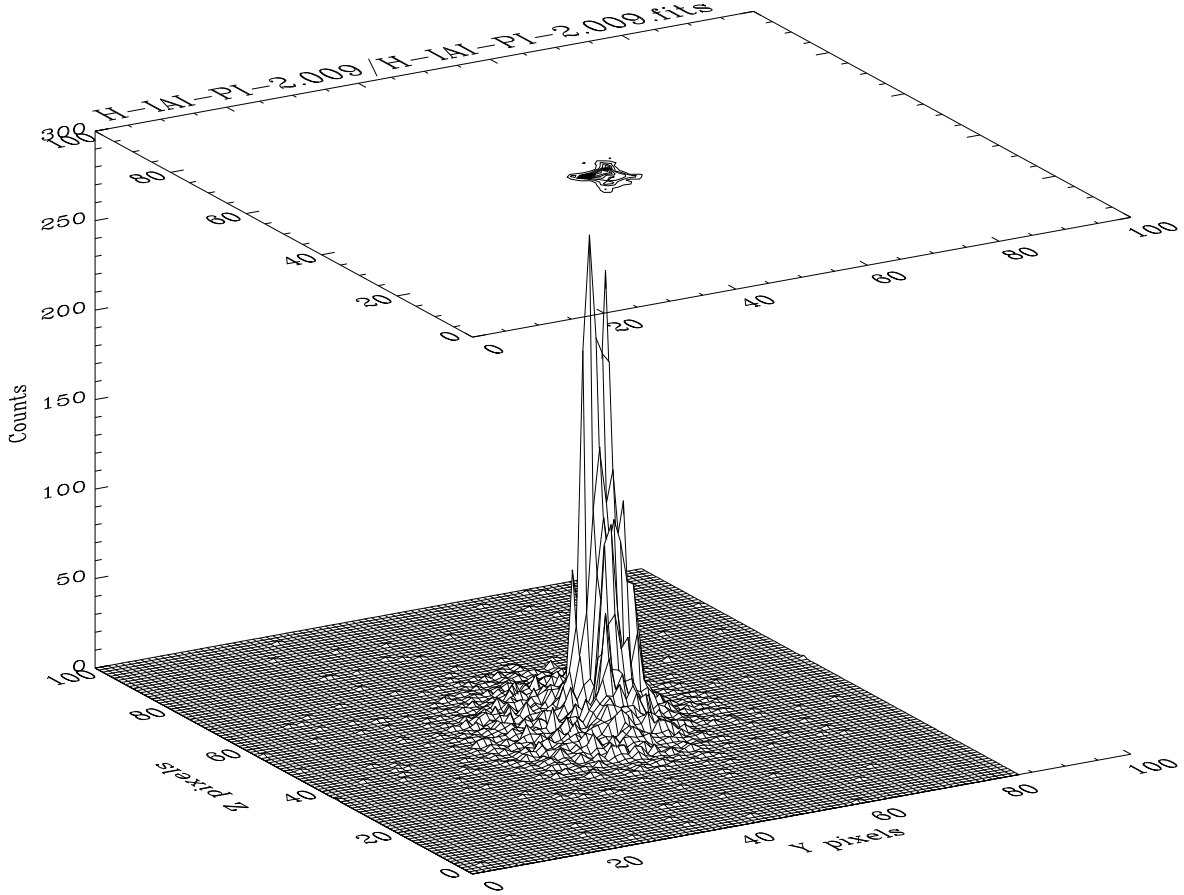
70% radius = 203.901

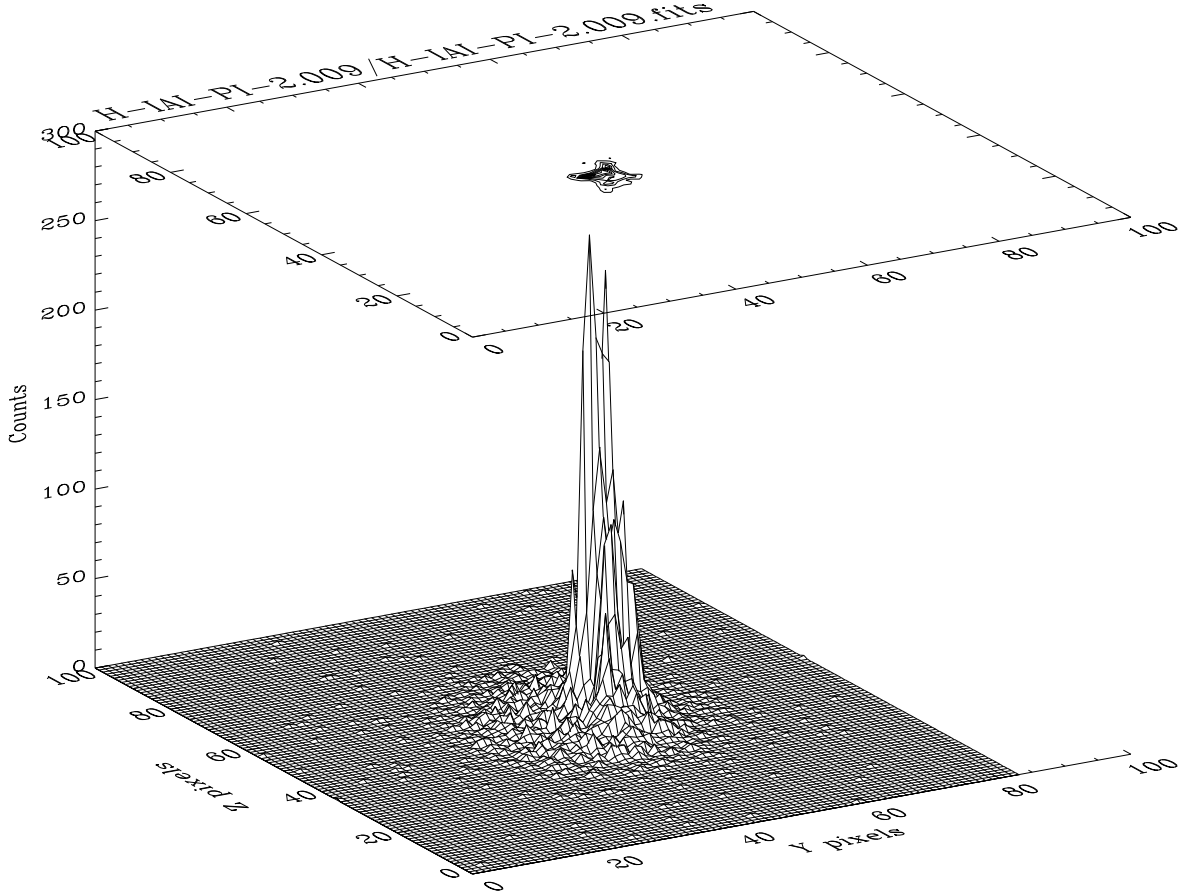
90% radius = 352.602

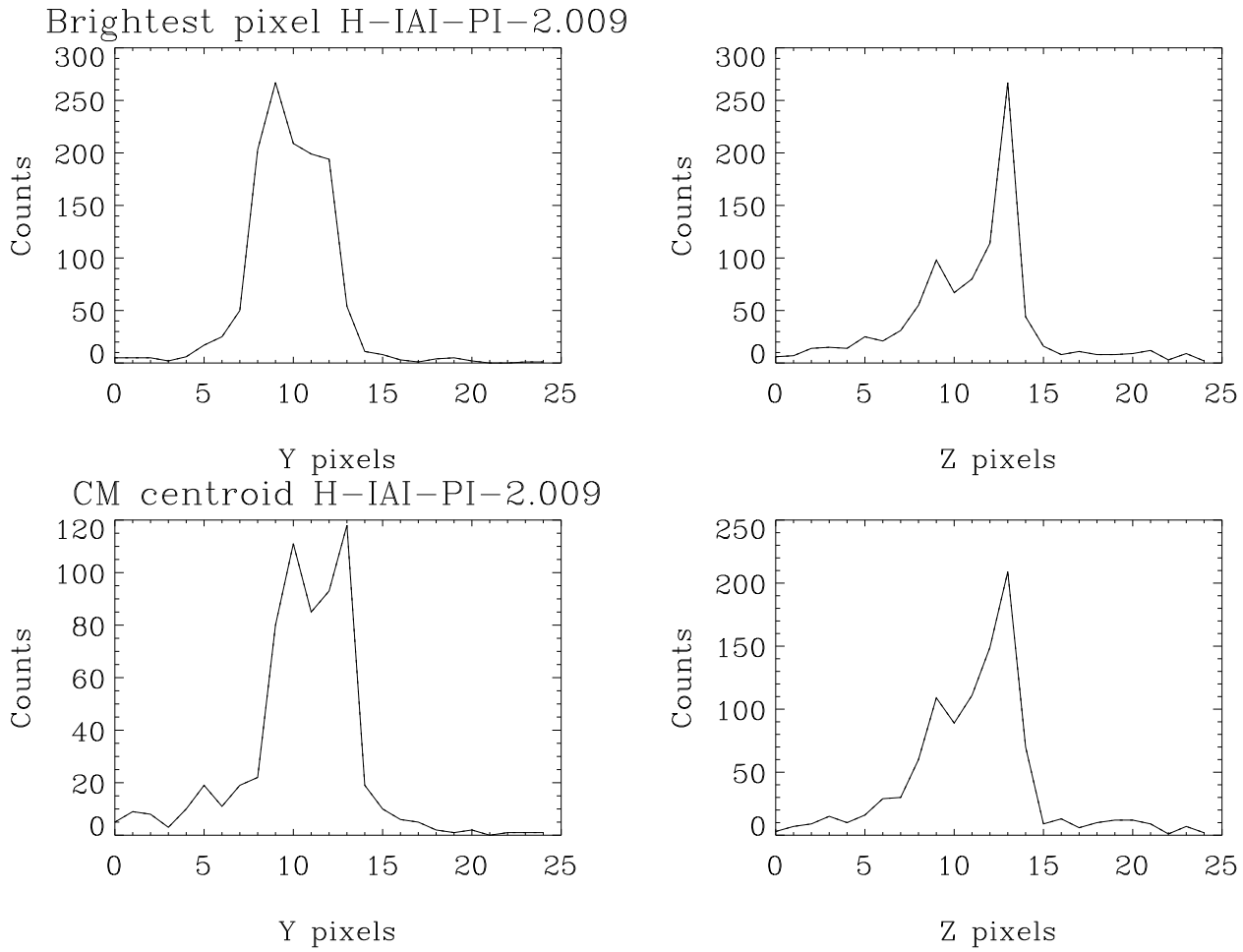

H−IAI−PI−2.009/H−IAI−PI−2.009.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H−IAI−PI−2.009/H−IAI−PI−2.009.fits
Counts
300
250
200
150
100
50
0
Z pixels
100
80
60
40
20
0
Y pixels
0
20
40
60
80
100


H−IAI−PI−2.009/H−IAI−PI−2.009.fits
Counts
300
250
200
150
100
50
0
Z pixels
100
80
60
40
20
0
Y pixels
0
20
40
60
80
100


H-1AI-P1-2.009/H-1AI-P1-2.009.fits
Counts
Z pixels
Y pixels
0
20
40
60
80
100
50
150
200
250
300


H-1AI-P1-2.009/H-1AI-P1-2.009.fits
Counts
Z pixels
Y pixels
0
20
40
60
80
100
50
150
200
250
300



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

Brightest pixel (Y,Z)

All grades	9	13
Std. grades	9	13

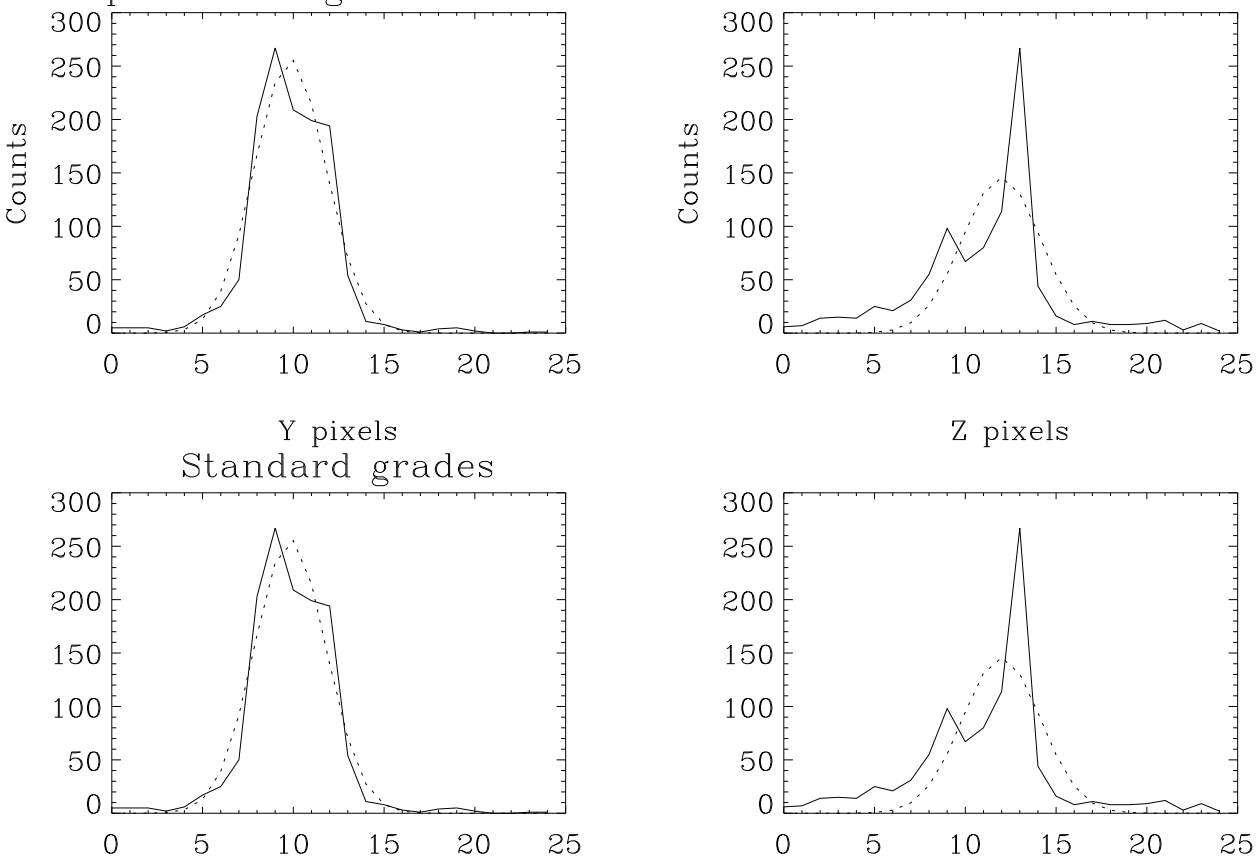
CM Centroid (Y,Z)

All grades	10.1045	11.7754
Std. grades	10.1045	11.7754

Brightest pixel maxima

All grades:	267
Std. grades:	267

Brightest pixel – All grades H–IAI–PI–2.009



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

	Integrated	Analytical
All Y	1267.8116	1268.2544
Std Y	1267.8116	1268.2544
All Z	785.02414	784.90729
Std Z	785.02414	784.90729

	amplitude	offset	sigma	FWHM
All Y:	256.21863	9.8285859	1.9747210	4.6484933
Std Y:	256.21863	9.8285859	1.9747210	4.6484933
All Z:	145.69639	11.990426	2.1492139	5.0592498
Std Z:	145.69639	11.990426	2.1492139	5.0592498