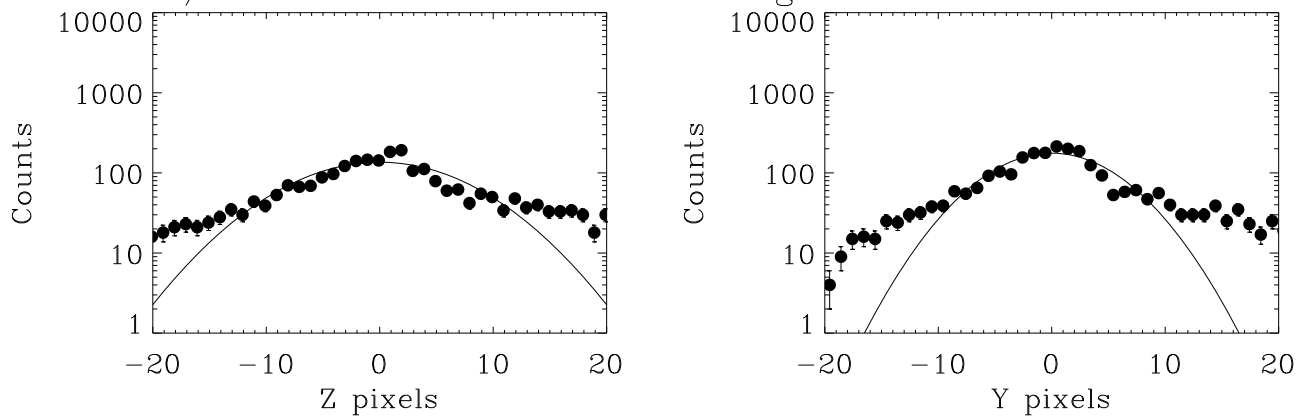
H-IAI-PI-7.002/H-IAI-PI-7.002_02346.fits_img.fits



All measurements in pixels

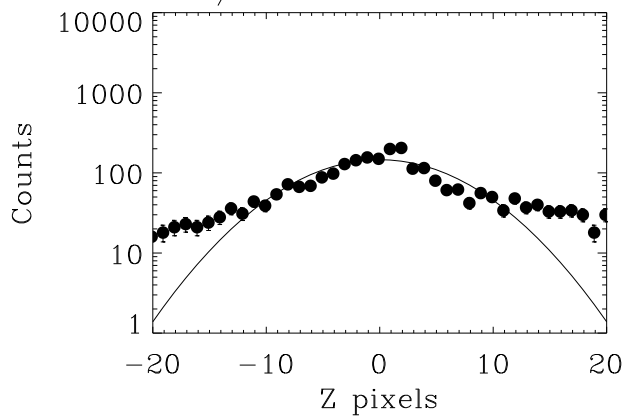
Z gaussian FWHM = 16.446708

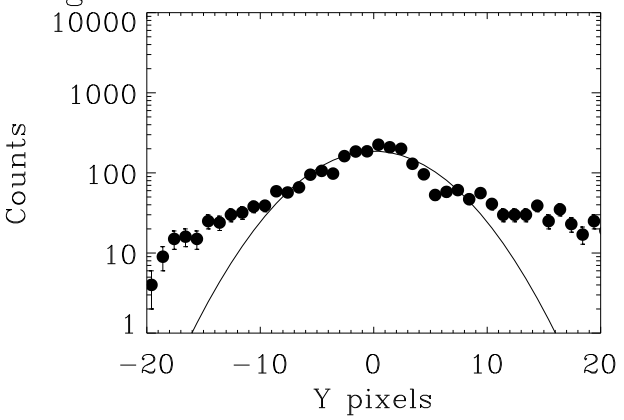
Y gaussian FWHM = 12.082068

Z fit parameters: Amplitude= 136 Offset= 48 Sigma= 6

Y fit parameters: Amplitude= 176 Offset= 48 Sigma= 5

H-IAI-PI-7.002/H-IAI-PI-7.002_all.fits_img.fits





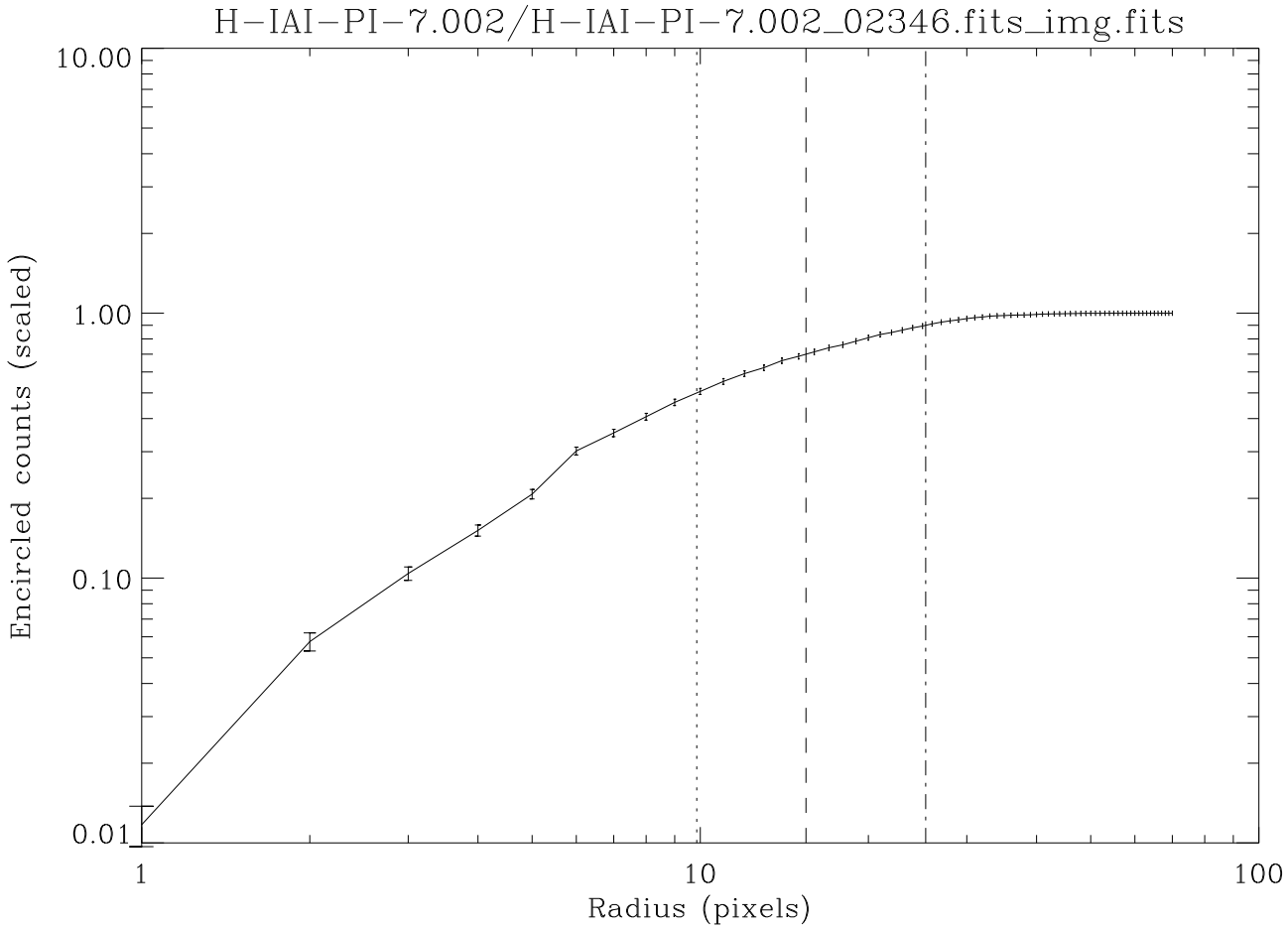
All measurements in pixels

Z gaussian FWHM = 15.423121

Y gaussian FWHM = 11.664219

Z fit parameters: Amplitude= 146 Offset= 48 Sigma= 6

Y fit parameters: Amplitude= 187 Offset= 48 Sigma= 4



Encircled energy radii in pixels

50% radius = 9.85659

70% radius = 15.4610

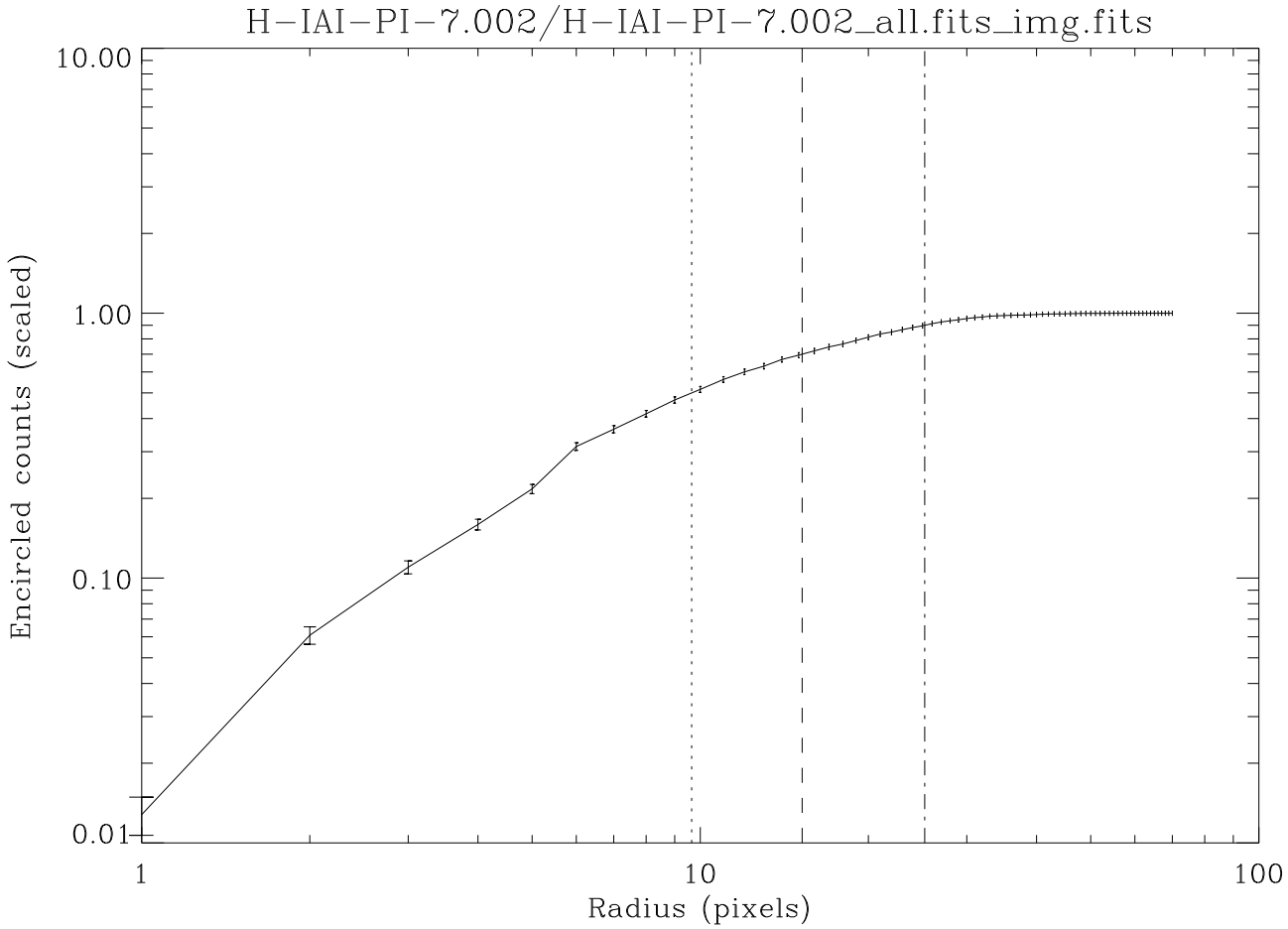
90% radius = 25.3229

Encircled energy radii in microns

50% radius = 236.558

70% radius = 371.065

90% radius = 607.750



Encircled energy radii in pixels

50% radius = 9.65267

70% radius = 15.2221

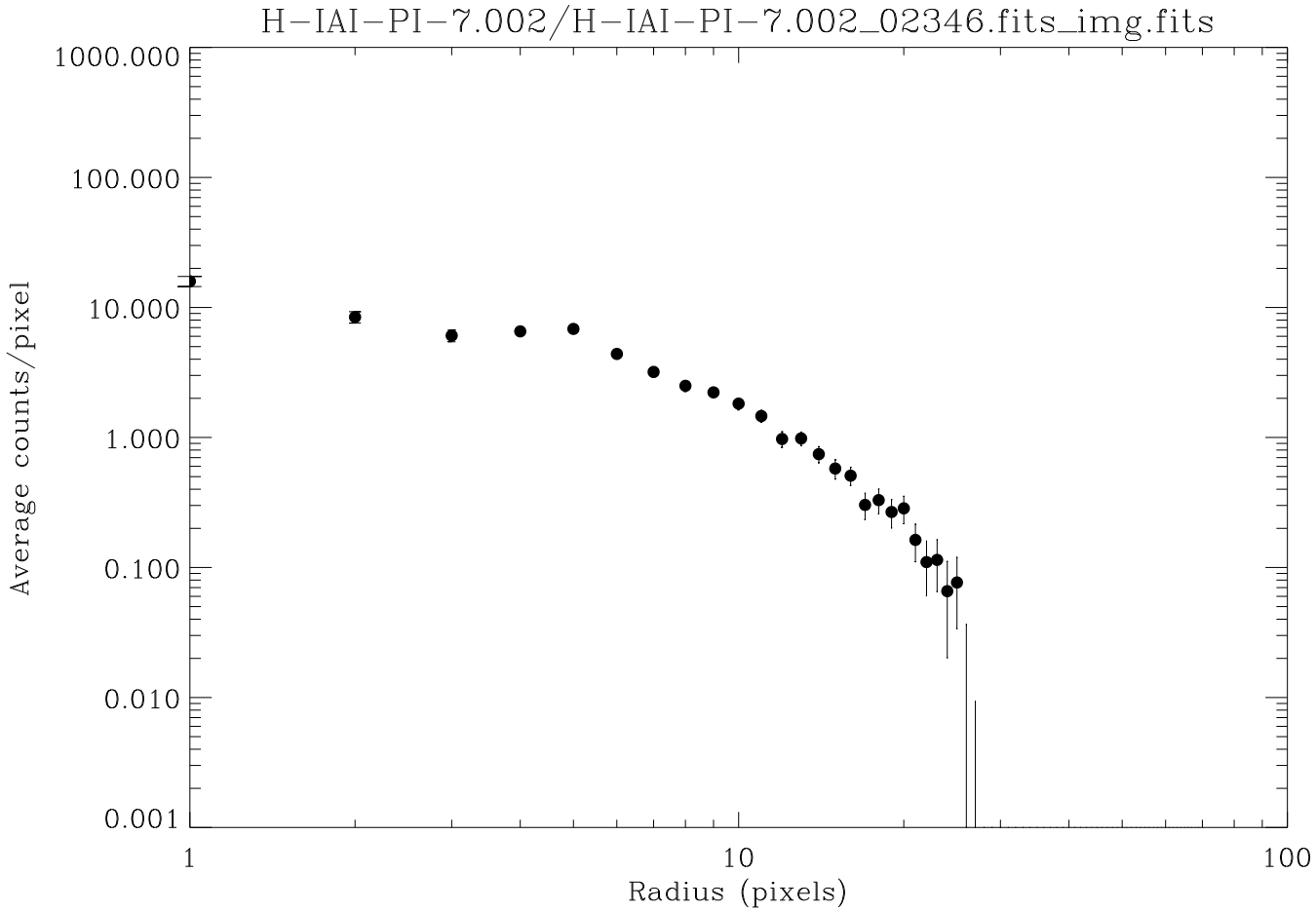
90% radius = 25.2229

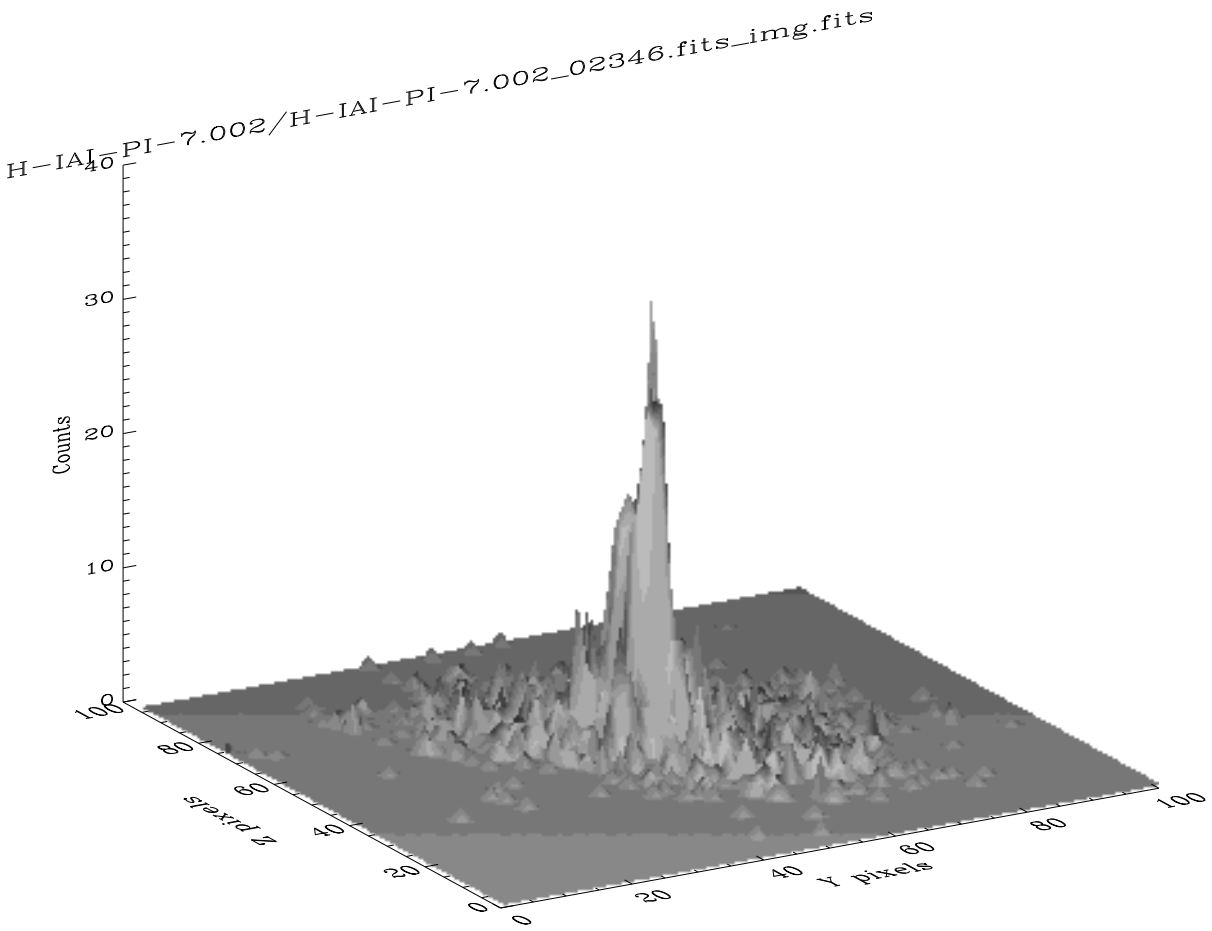
Encircled energy radii in microns

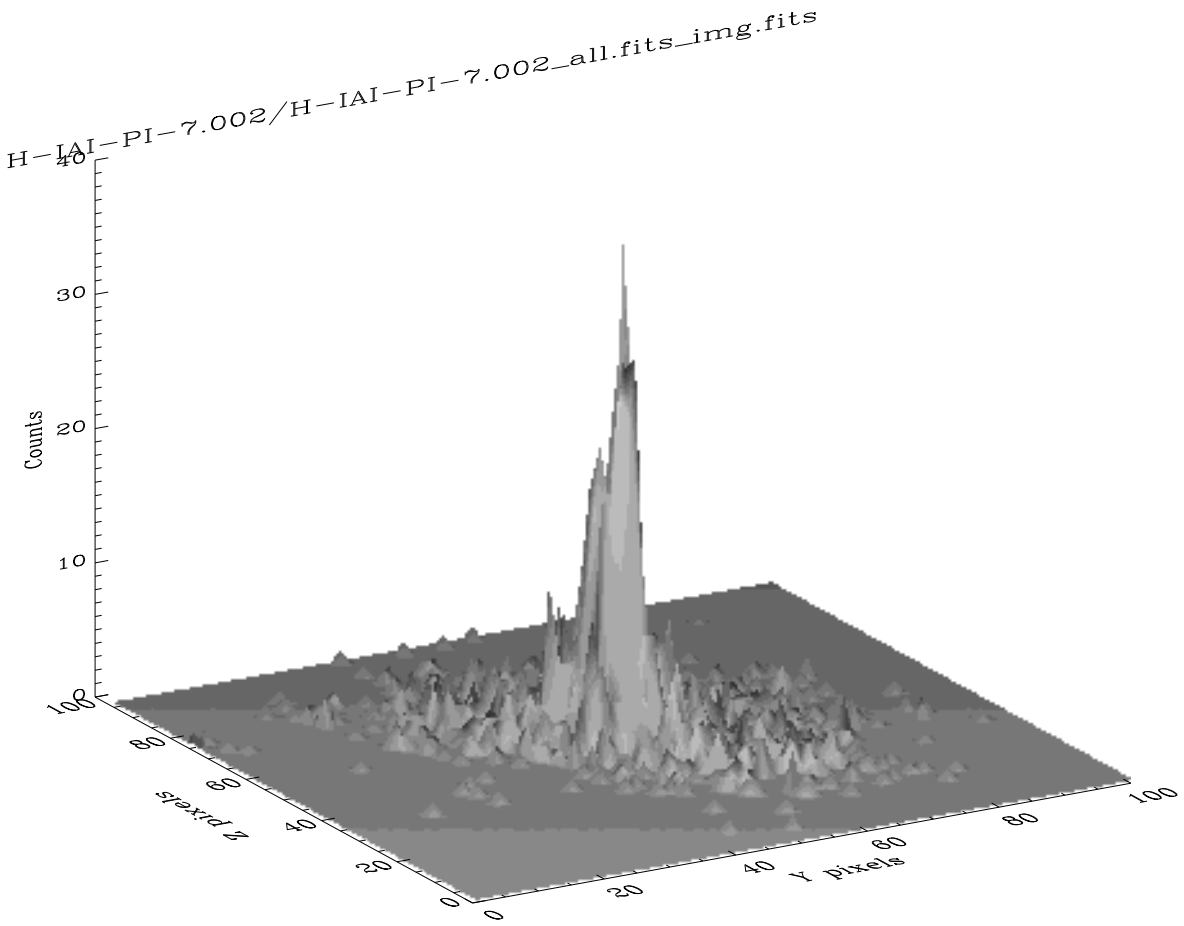
50% radius = 231.664

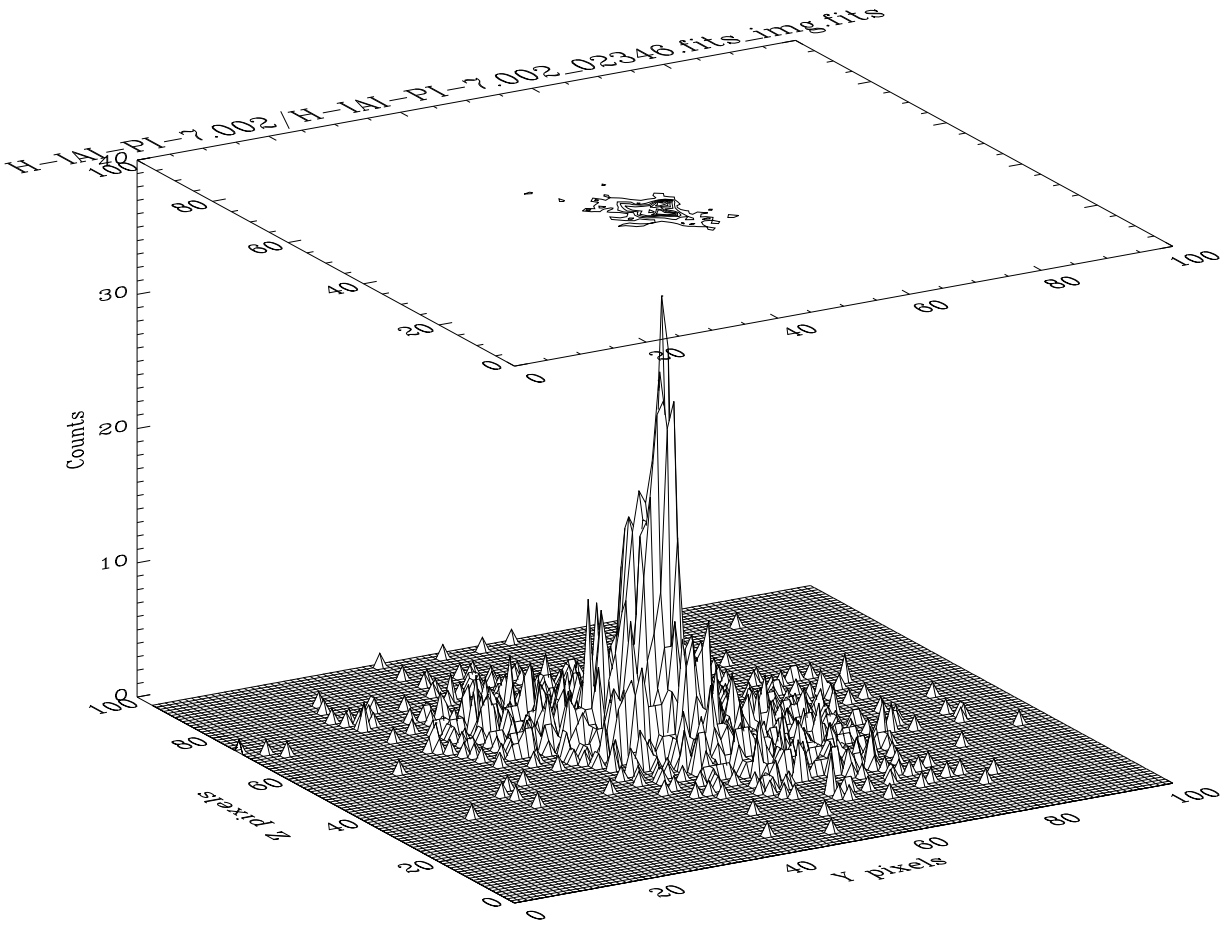
70% radius = 365.330

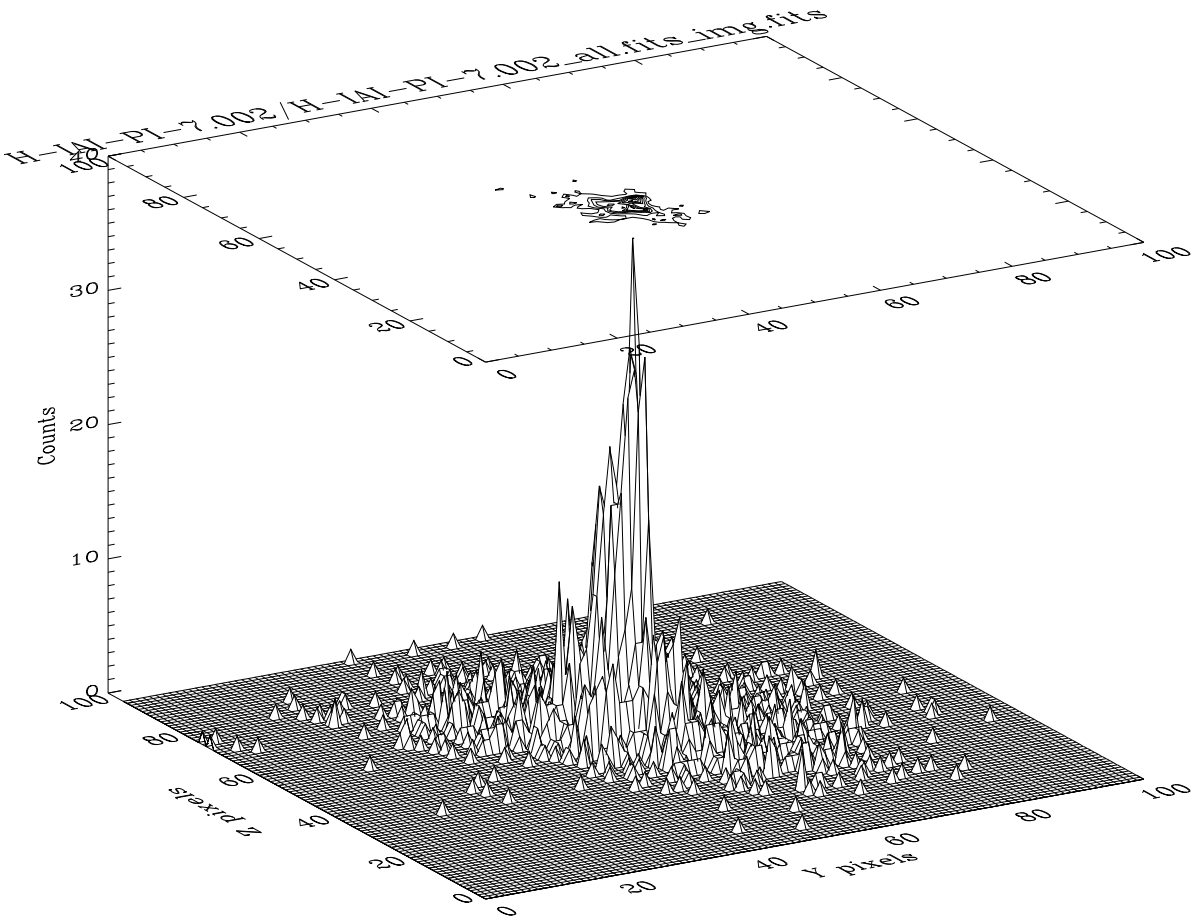
90% radius = 605.350

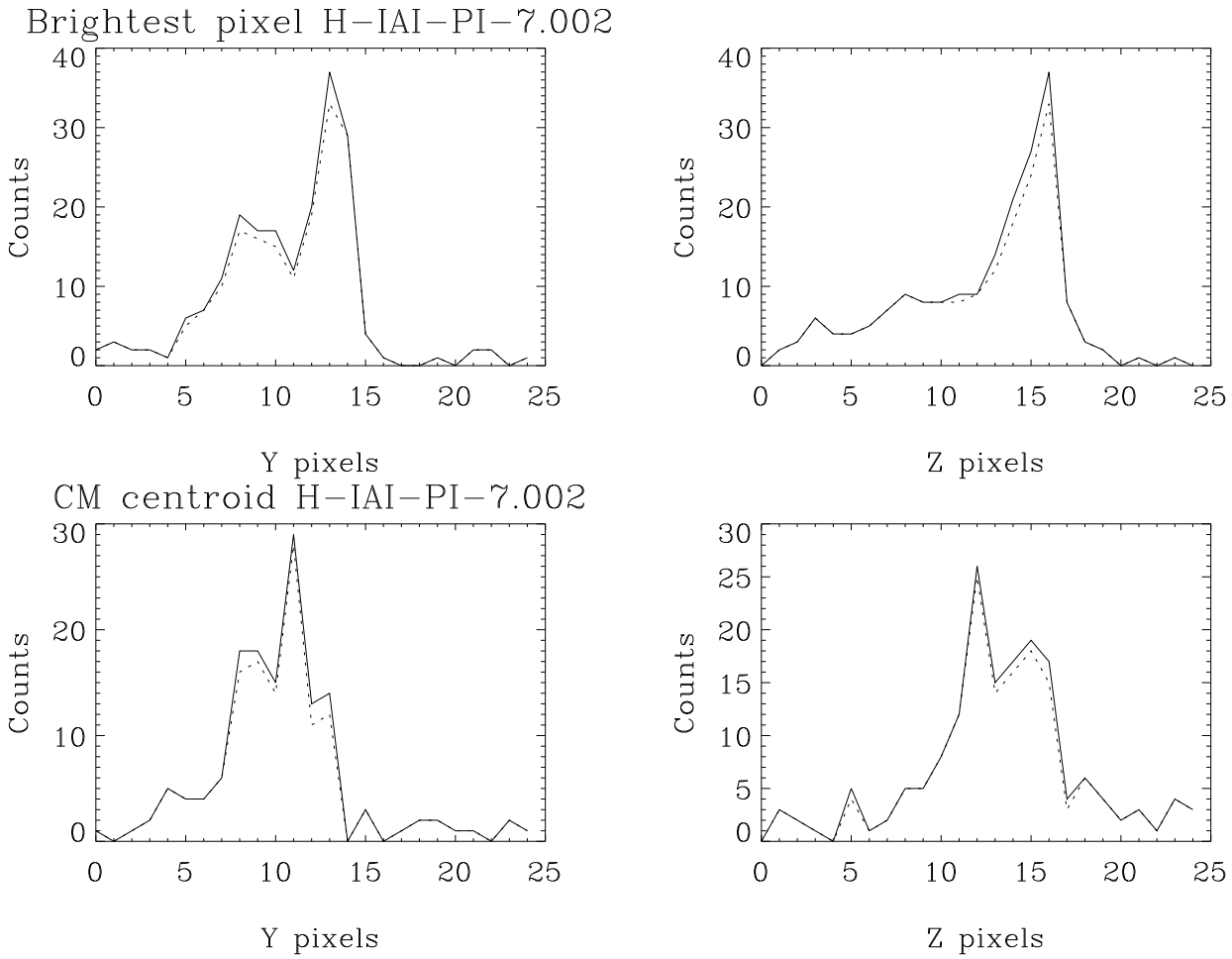

H-IAI-PI-7.002/H-IAI-PI-7.002_02346.fits_img.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H-IAI-PI-7.002/H-IAI-PI-7.002_02346.fits_img.fits
Counts
40
30
20
10
0
100
80
60
40
20
0
Z pixels
0
20
40
60
80
100
Y pixels


H-IAI-PI-7.002/H-IAI-PI-7.002_all.fits_img.fits
Counts
40
30
20
10
0
X pixels
100
80
60
40
20
0
Y pixels
0
20
40
60
80
100


H_1AI_1P1_7.002/H_1AI_1P1_7.002_02348.fits_img.fits
Counts
X pixels
Y pixels
0
10
20
30
40
60
80
100


H_1AI_P1_7.002/H_1AI_P1_7.002_all.fits_img.fits
Counts
X pixels
Y pixels
0
10
20
30
40
60
80
100



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

Brightest pixel (Y,Z)

All grades	13	16
Std. grades	13	16

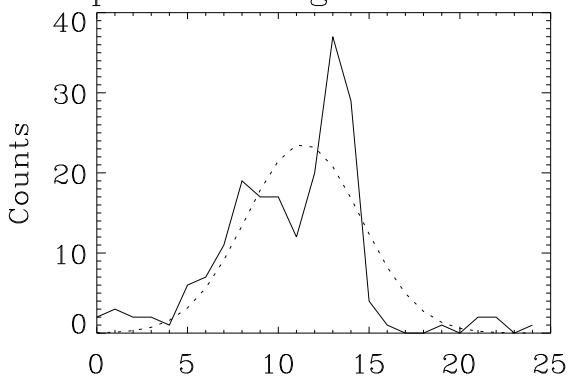
CM Centroid (Y,Z)

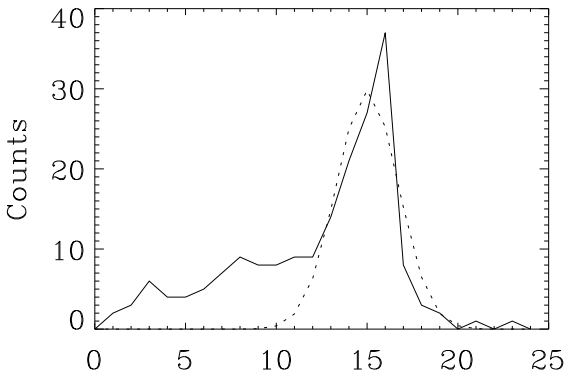
All grades	10.8824	13.1523
Std. grades	10.8934	13.1158

Brightest pixel maxima

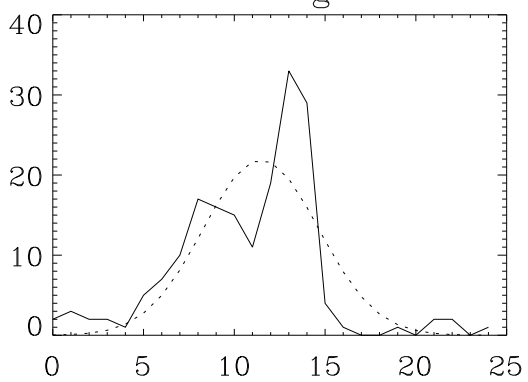
All grades:	37
Std. grades:	33

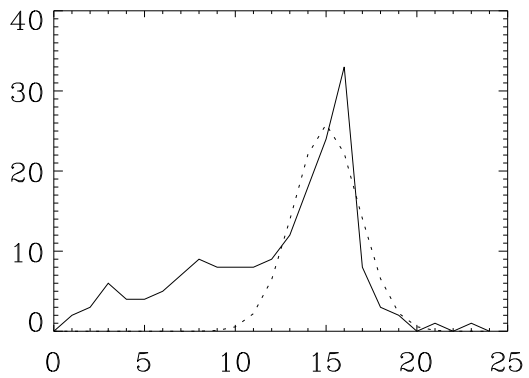
Brightest pixel – All grades H–IAI–PI–7.002





Standard grades





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

	Integrated	Analytical
All Y	188.34788	188.38697
Std Y	174.57230	174.60592
All Z	127.81944	127.81586
Std Z	116.94574	116.94433

	amplitude	offset	sigma	FWHM
All Y:	23.640186	11.385243	3.1791427	7.4837022
Std Y:	21.932486	11.468374	3.1760049	7.4763159
All Z:	29.829075	15.014550	1.7094446	4.0240328
Std Z:	25.817373	15.009896	1.8070792	4.2538646