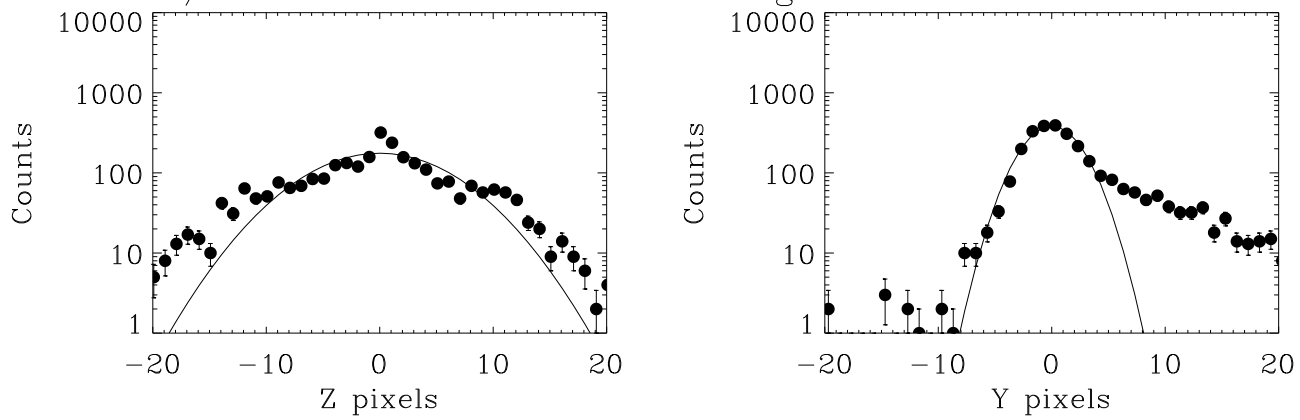
H-IAI-PI-3.003/H-IAI-PI-3.003_02346.fits_img.fits



All measurements in pixels

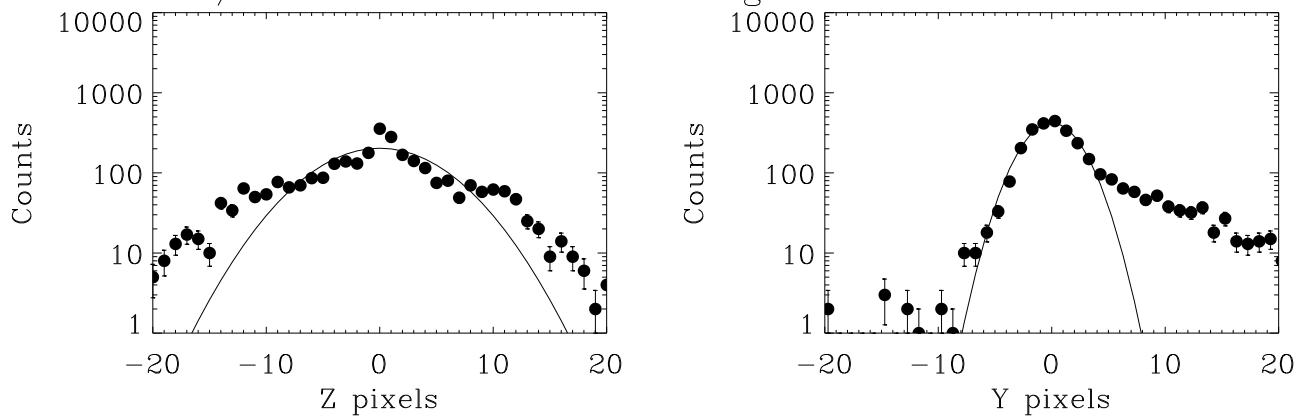
Z gaussian FWHM = 13.588670

Y gaussian FWHM = 5.5341004

Z fit parameters: Amplitude= 176 Offset= 28 Sigma= 5

Y fit parameters: Amplitude= 388 Offset= 47 Sigma= 2

H-IAI-PI-3.003/H-IAI-PI-3.003_all.fits_img.fits



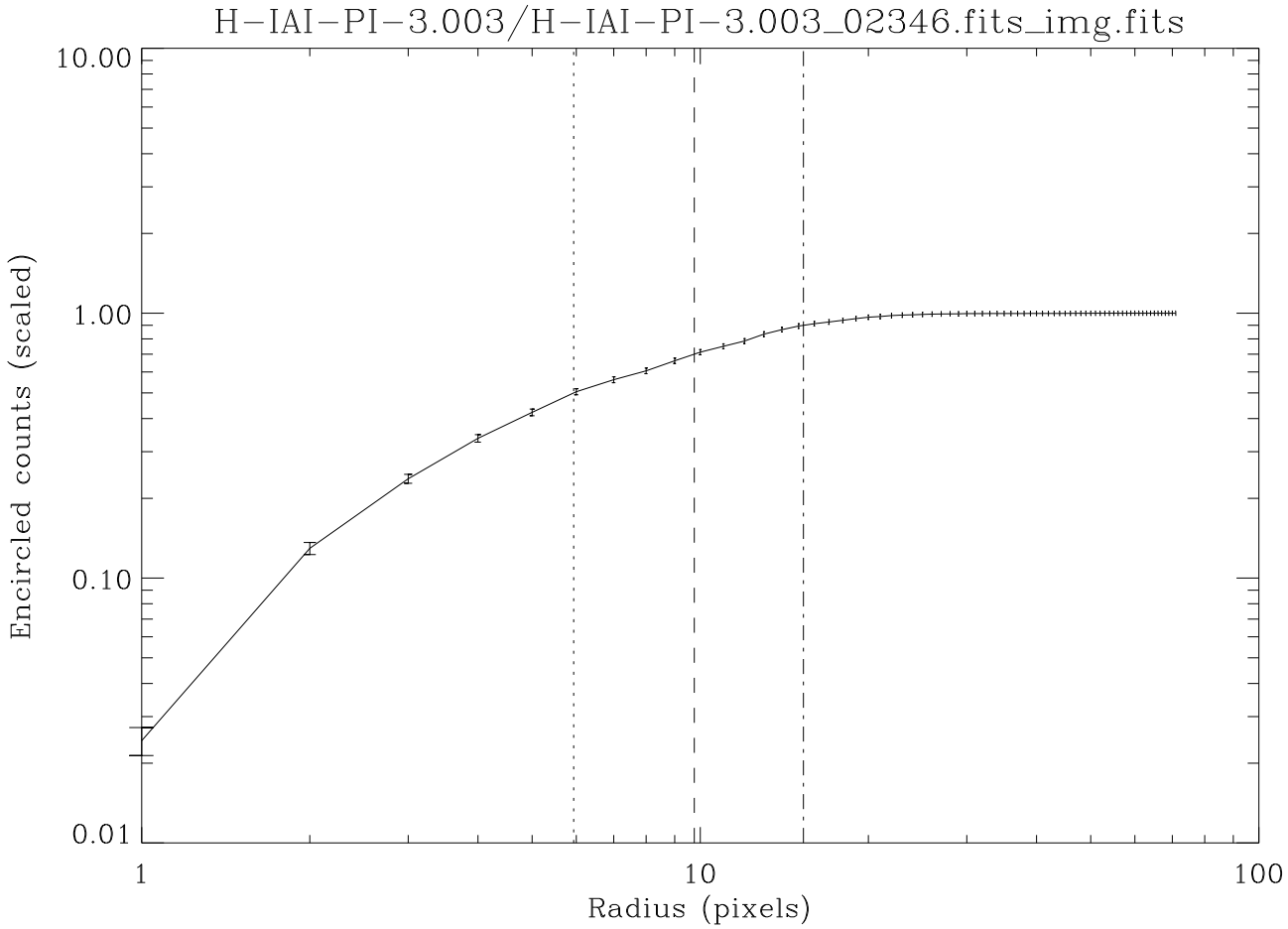
All measurements in pixels

Z gaussian FWHM = 11.960105

Y gaussian FWHM = 5.3514023

Z fit parameters: Amplitude= 203 Offset= 28 Sigma= 5

Y fit parameters: Amplitude= 428 Offset= 47 Sigma= 2



Encircled energy radii in pixels

50% radius = 5.93534

70% radius = 9.75664

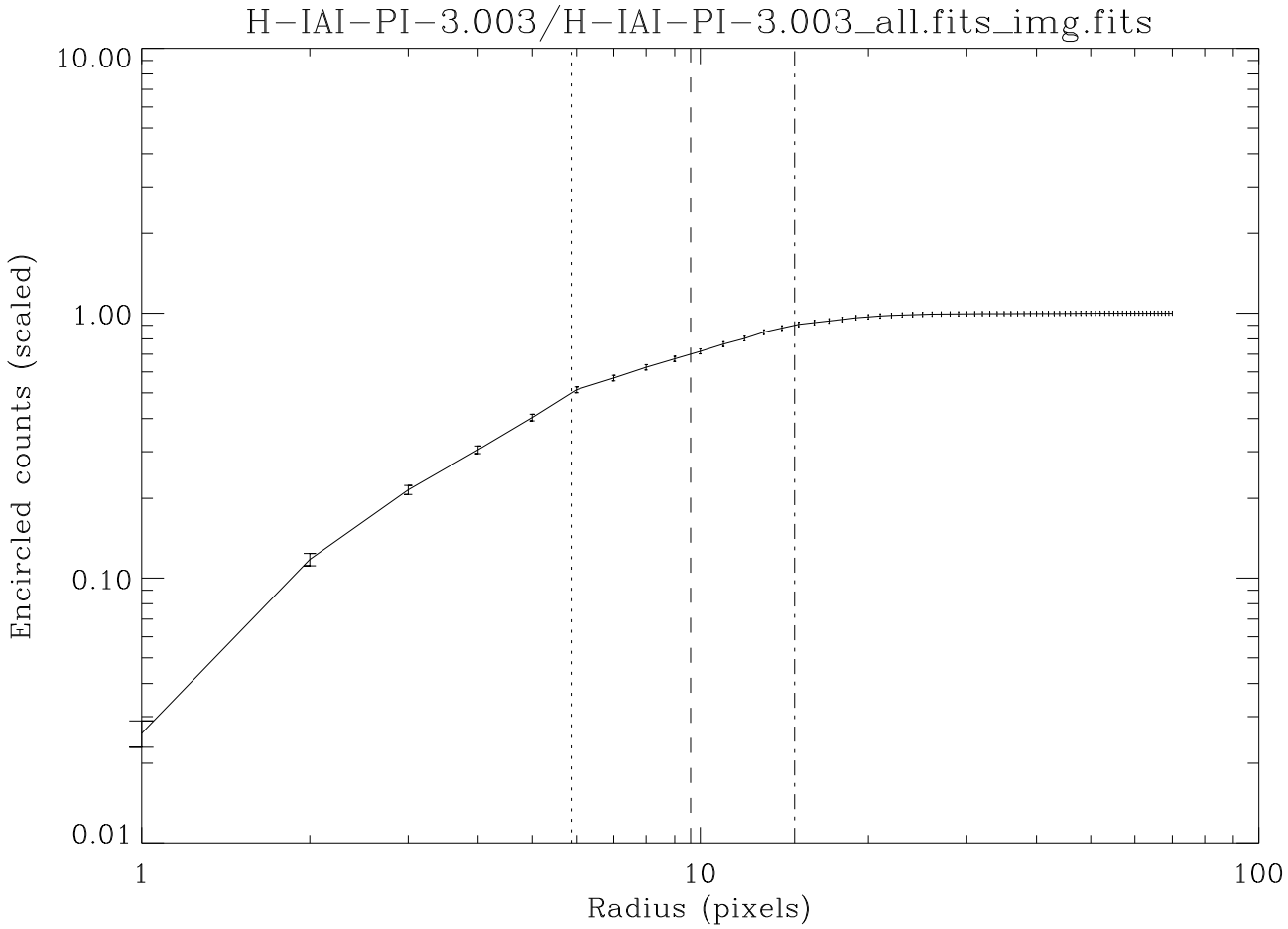
90% radius = 15.3020

Encircled energy radii in microns

50% radius = 142.448

70% radius = 234.159

90% radius = 367.247



Encircled energy radii in pixels

50% radius = 5.87309

70% radius = 9.60963

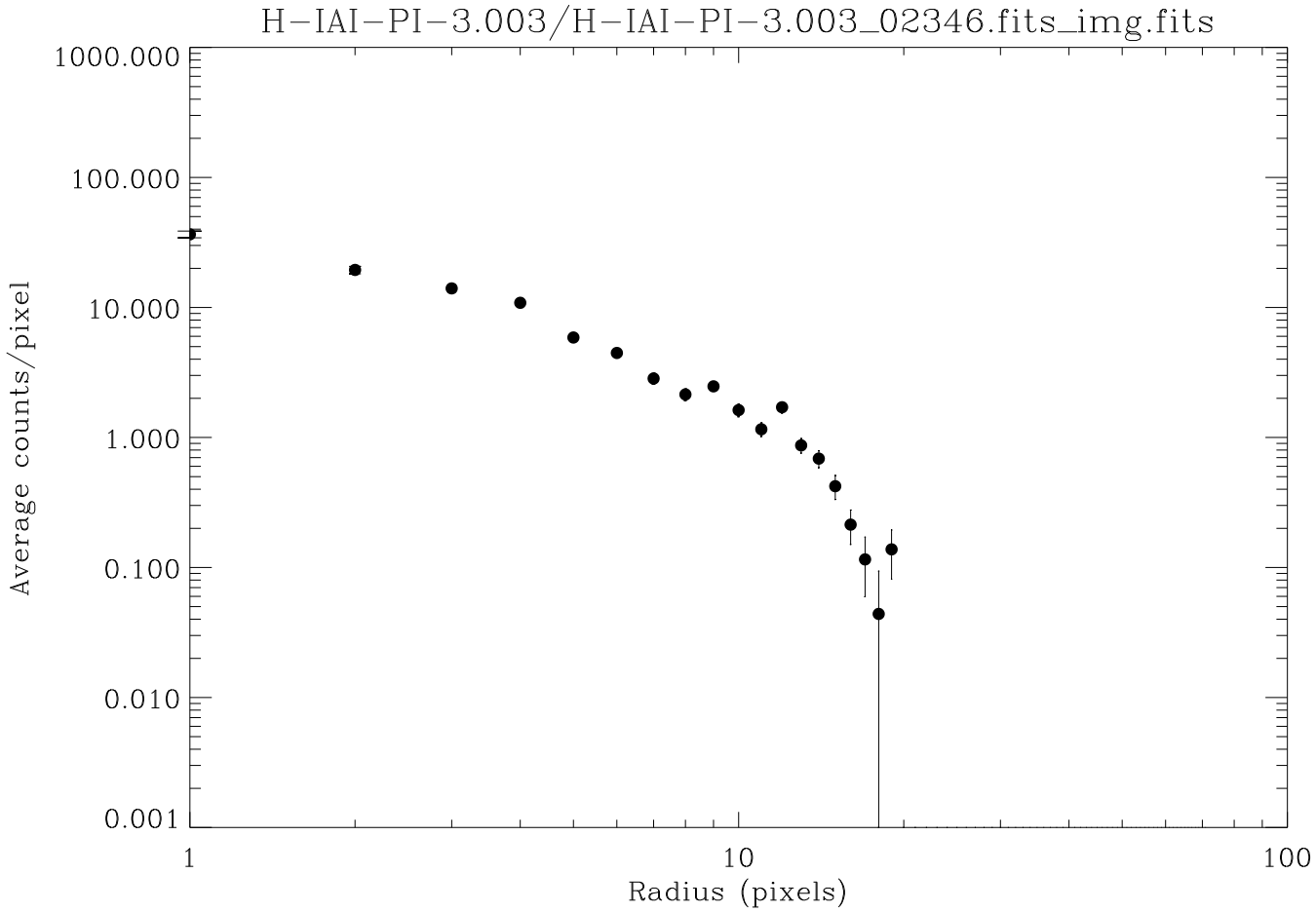
90% radius = 14.7512

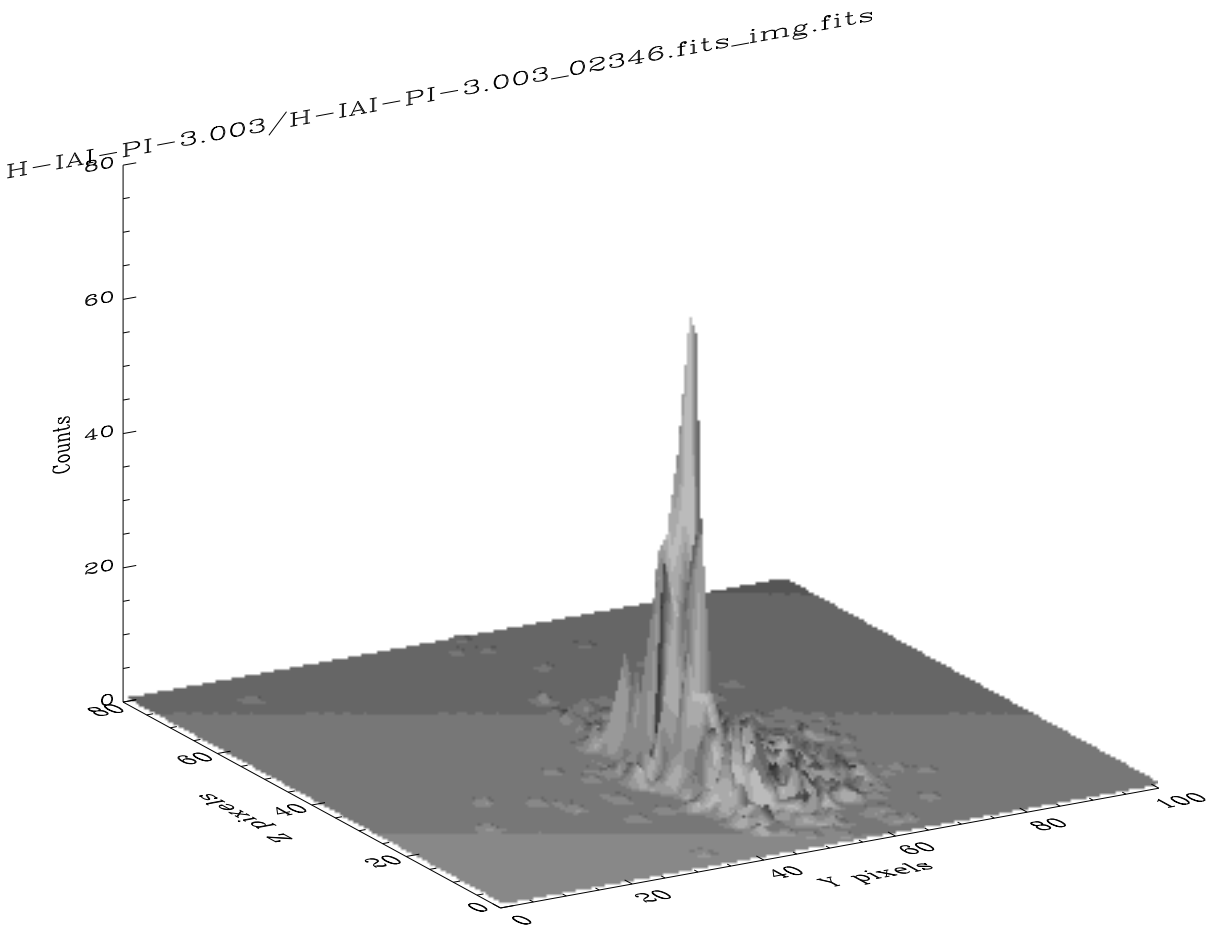
Encircled energy radii in microns

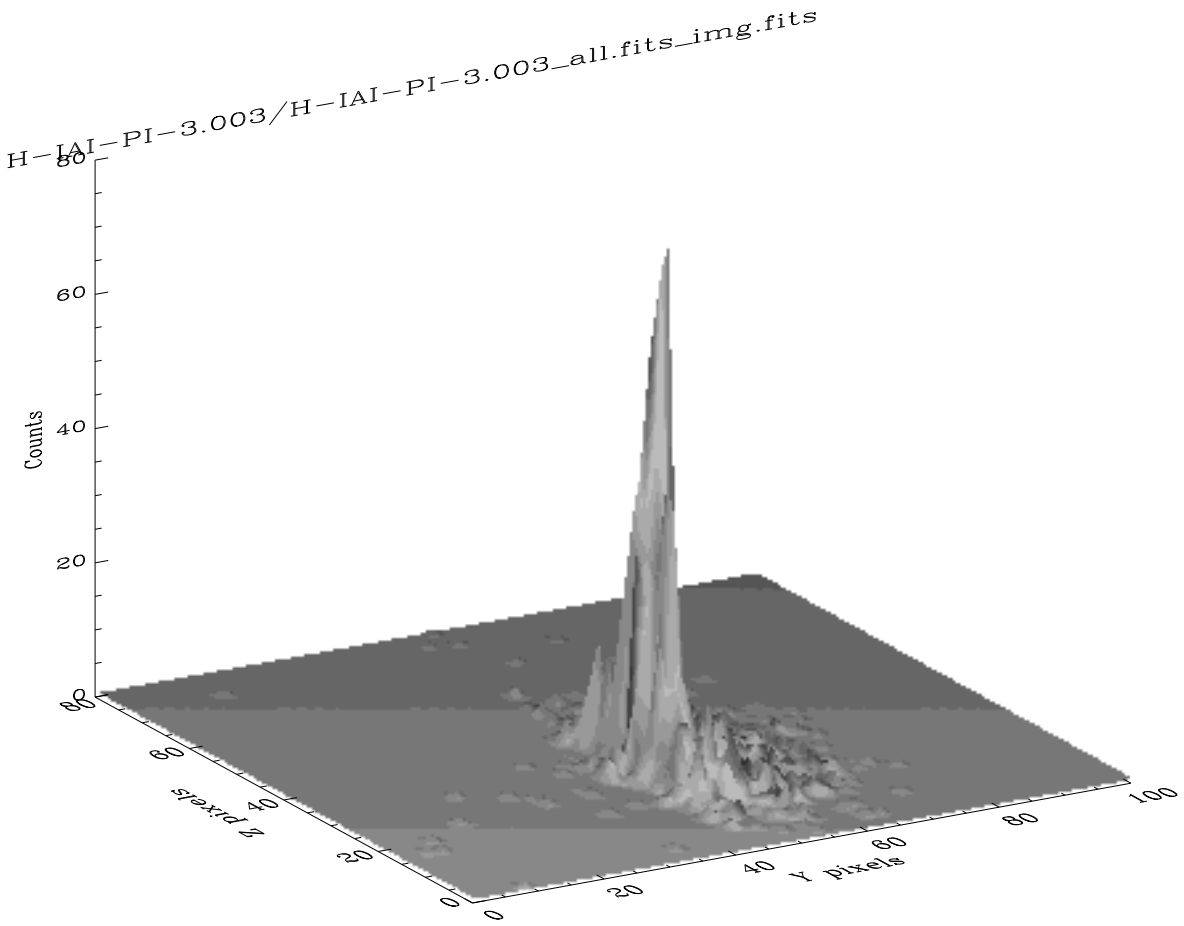
50% radius = 140.954

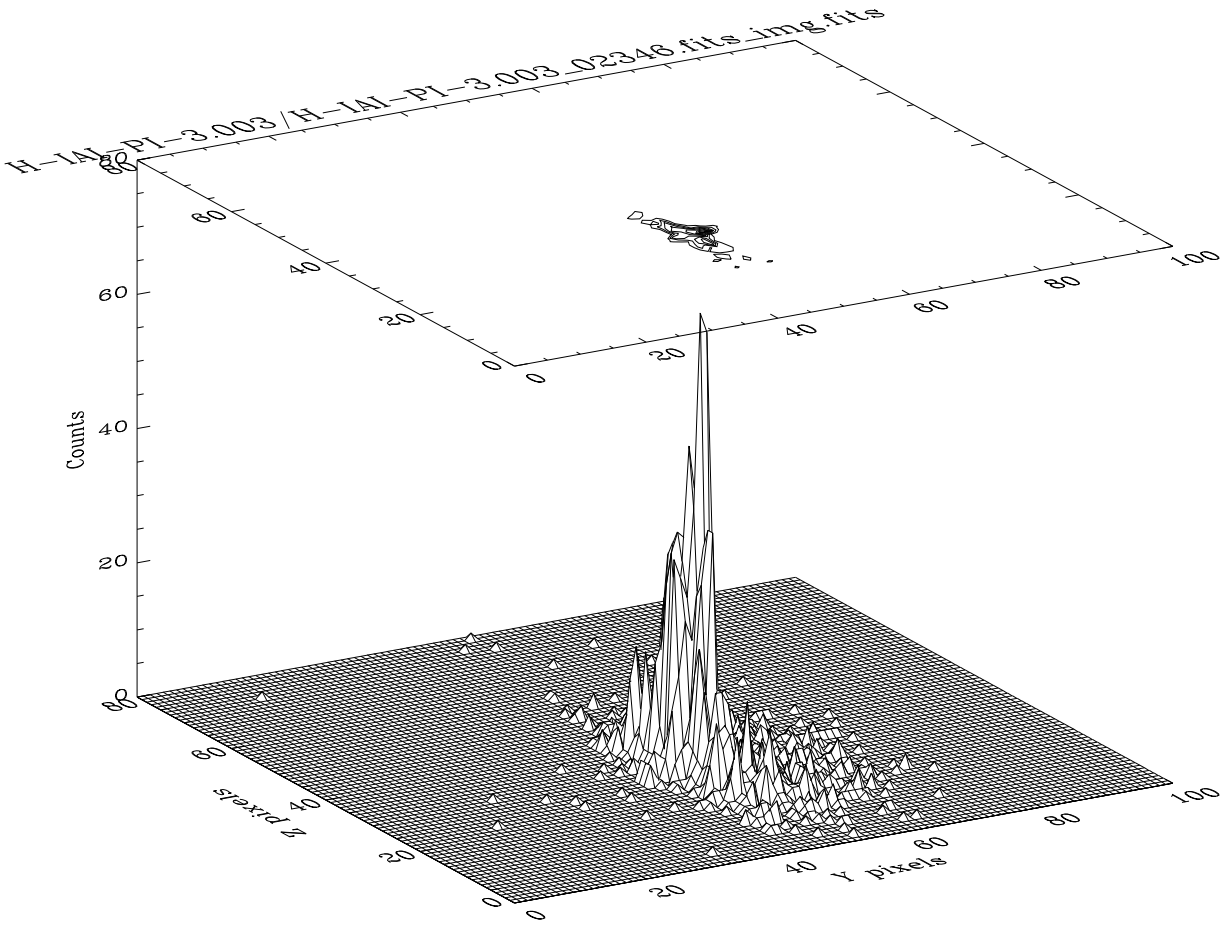
70% radius = 230.631

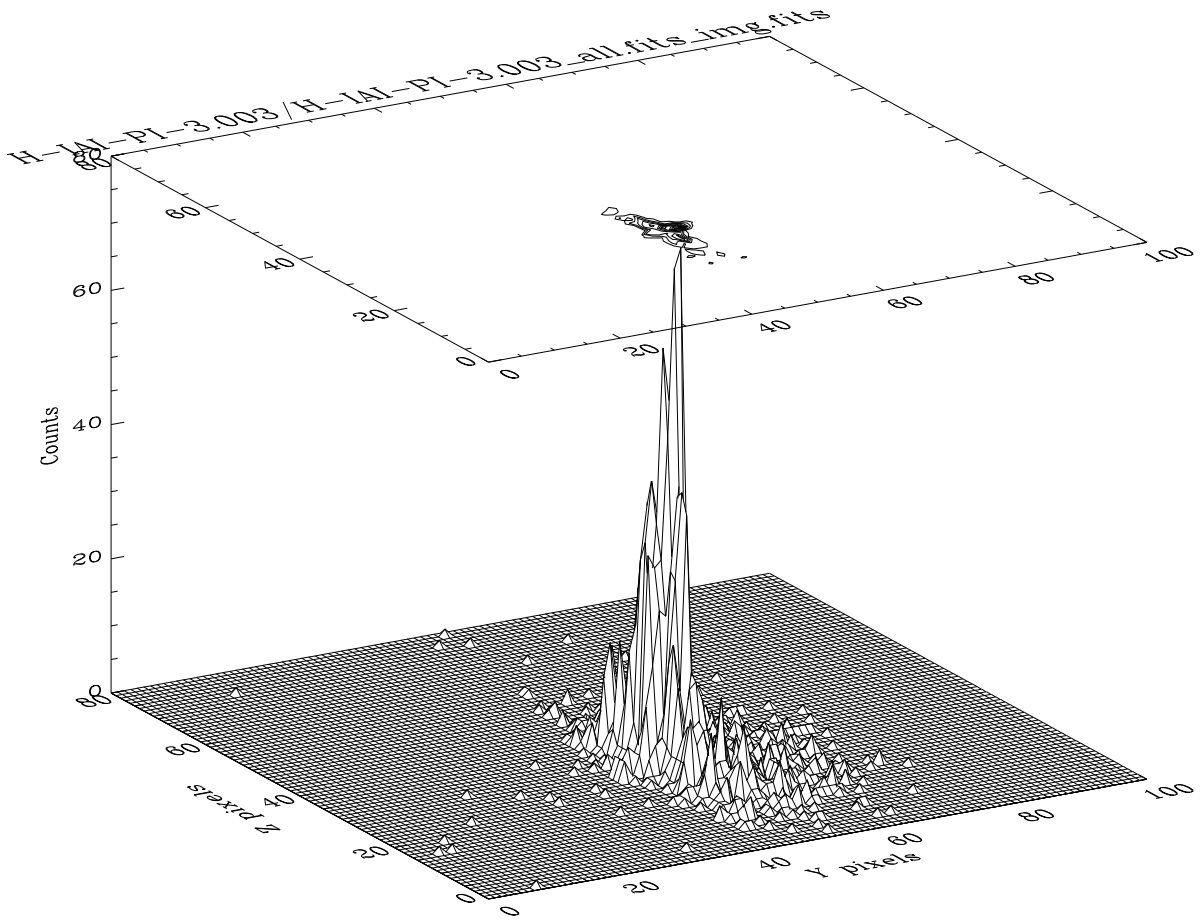
90% radius = 354.029

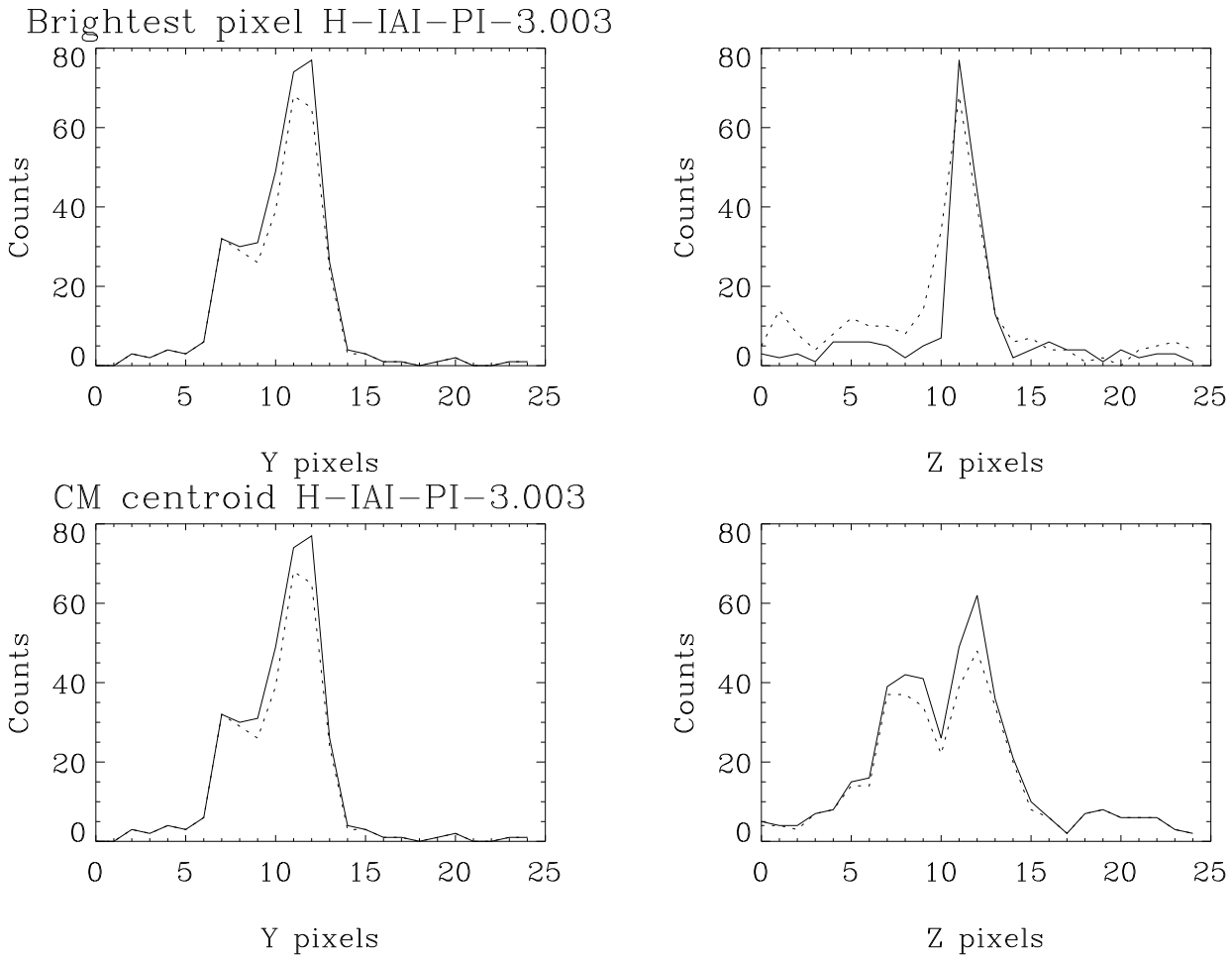

H-IAI-PI-3.003/H-IAI-PI-3.003_02346.fits_img.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
1
10
100
Radius (pixels)


H-IAI-PI-3.003/H-IAI-PI-3.003_02346.fits_img.fits
Counts
0
20
40
60
80
X pixels
0
20
40
60
80
Y pixels
0
20
40
60
80
100


H-IAI-PI-3.003/H-IAI-PI-3.003_all.fits_img.fits
Counts
0
20
40
60
80
X pixels
0
20
40
60
80
100
Y pixels


H_IAI_P1_3.003/H_IAI_P1_3.003_02348.fits_img.fits
Counts
X pixels
Y pixels
0
20
40
60
80
100


H_1AI_P1_3.003/H_1AI_P1_3.003_all.fits_img.fits
Counts
X pixels
Y pixels
0
20
40
60
80
100



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

Brightest pixel (Y,Z)

All grades	12	11
Std. grades	11	11

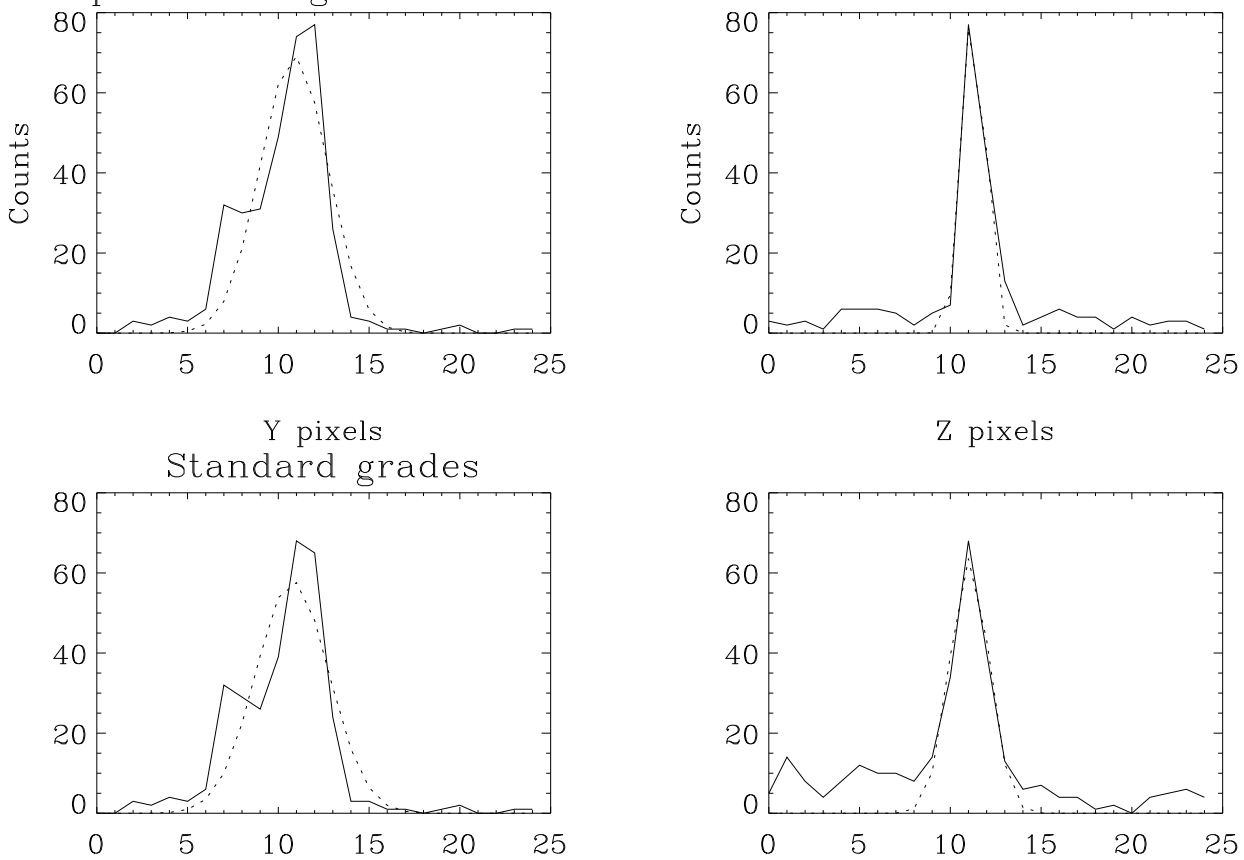
CM Centroid (Y,Z)

All grades	10.8292	11.3562
Std. grades	10.8578	11.3679

Brightest pixel maxima

All grades:	77
Std. grades:	68

Brightest pixel – All grades H–IAI–PI–3.003



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

	Integrated	Analytical
All Y	322.53192	322.57388
Std Y	292.42575	292.45625
All Z	144.67760	133.37564
Std Z	171.87465	171.23007

	amplitude	offset	sigma	FWHM
All Y:	69.266447	10.867299	1.8578744	4.3734365
Std Y:	57.953994	10.773616	2.0132032	4.7390805
All Z:	85.528520	11.301360	0.62212211	1.4644755
Std Z:	63.643449	11.055898	1.0733377	2.5266370