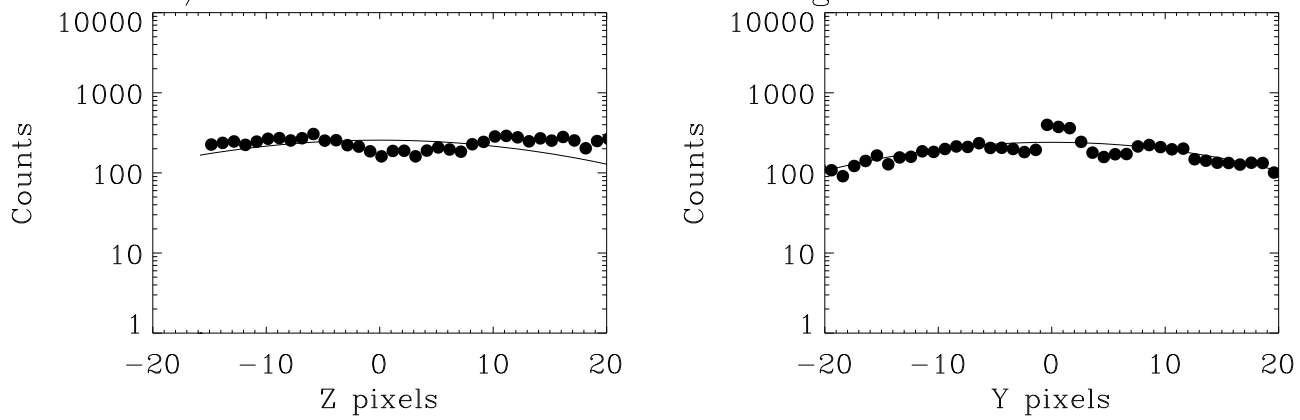
H-IAI-PW-12.003/H-IAI-PW-12.003_02346.fits_img.fits



All measurements in pixels

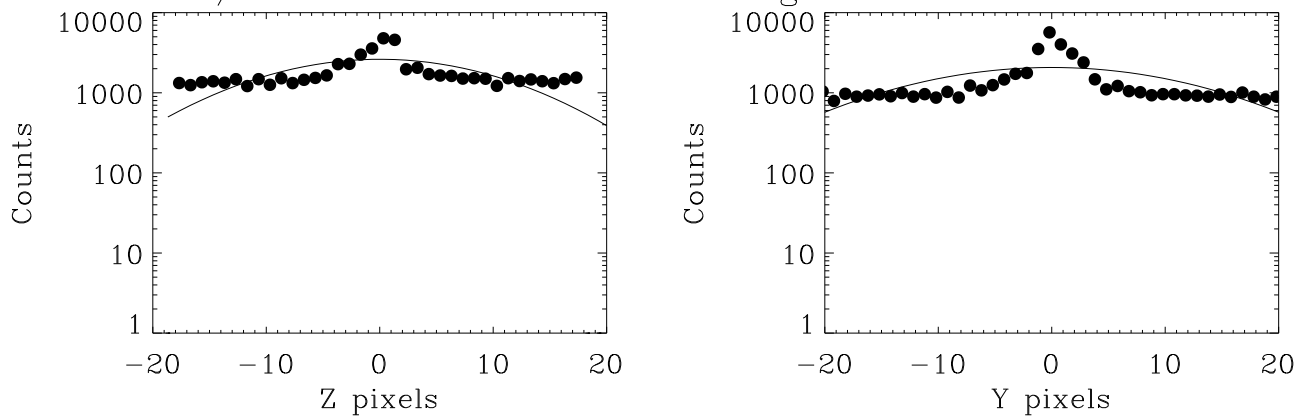
Z gaussian FWHM = 40.138271

Y gaussian FWHM = 36.785046

Z fit parameters: Amplitude= 256 Offset= 15 Sigma= 17

Y fit parameters: Amplitude= 241 Offset= 24 Sigma= 15

H-IAI-PW-12.003/H-IAI-PW-12.003_all.fits_img.fits



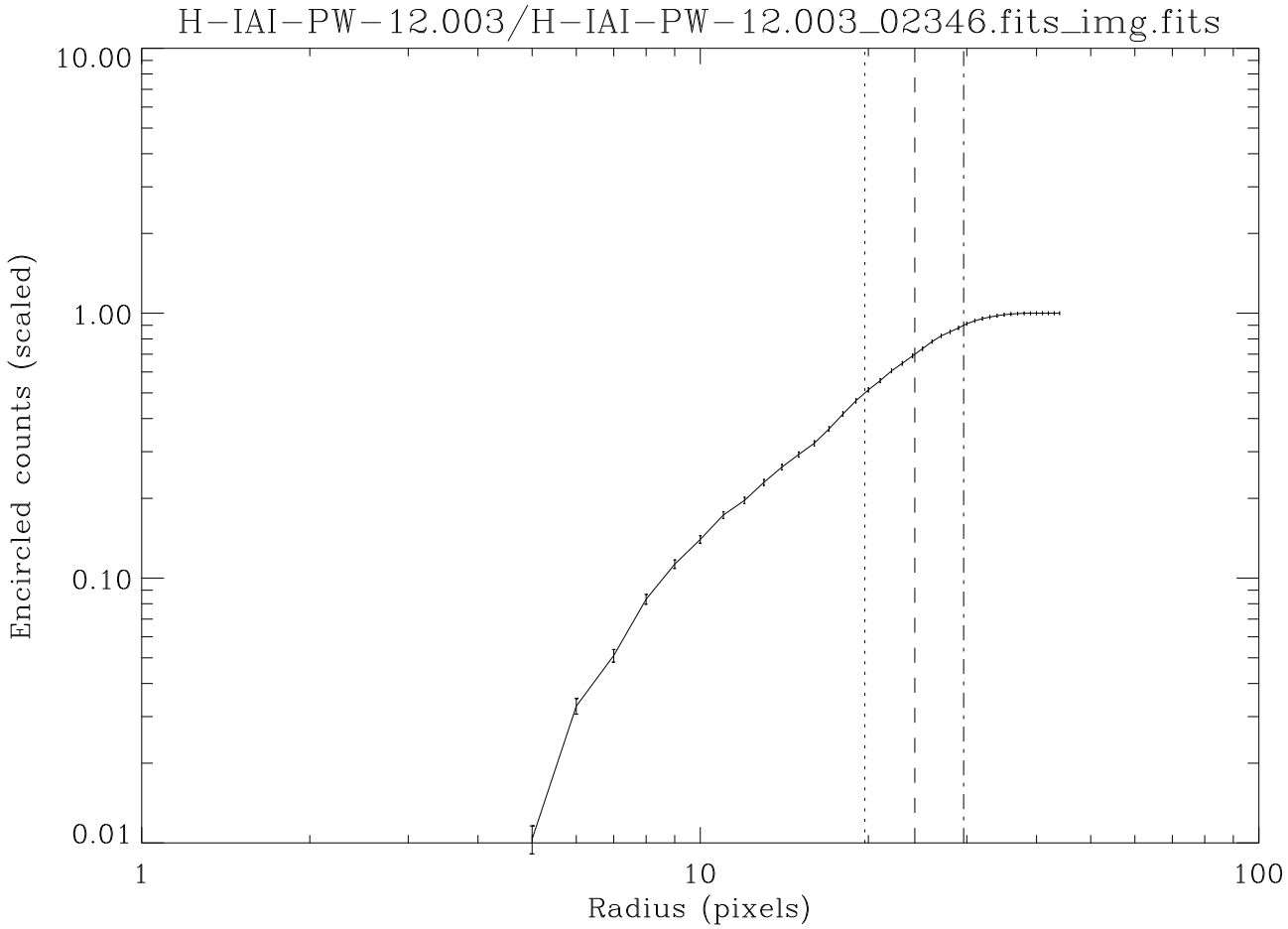
All measurements in pixels

Z gaussian FWHM = 24.124193

Y gaussian FWHM = 29.361582

Z fit parameters: Amplitude= 2621 Offset= 18 Sigma= 10

Y fit parameters: Amplitude= 2071 Offset= 25 Sigma= 12



Encircled energy radii in pixels

50% radius = 19.7115

70% radius = 24.2158

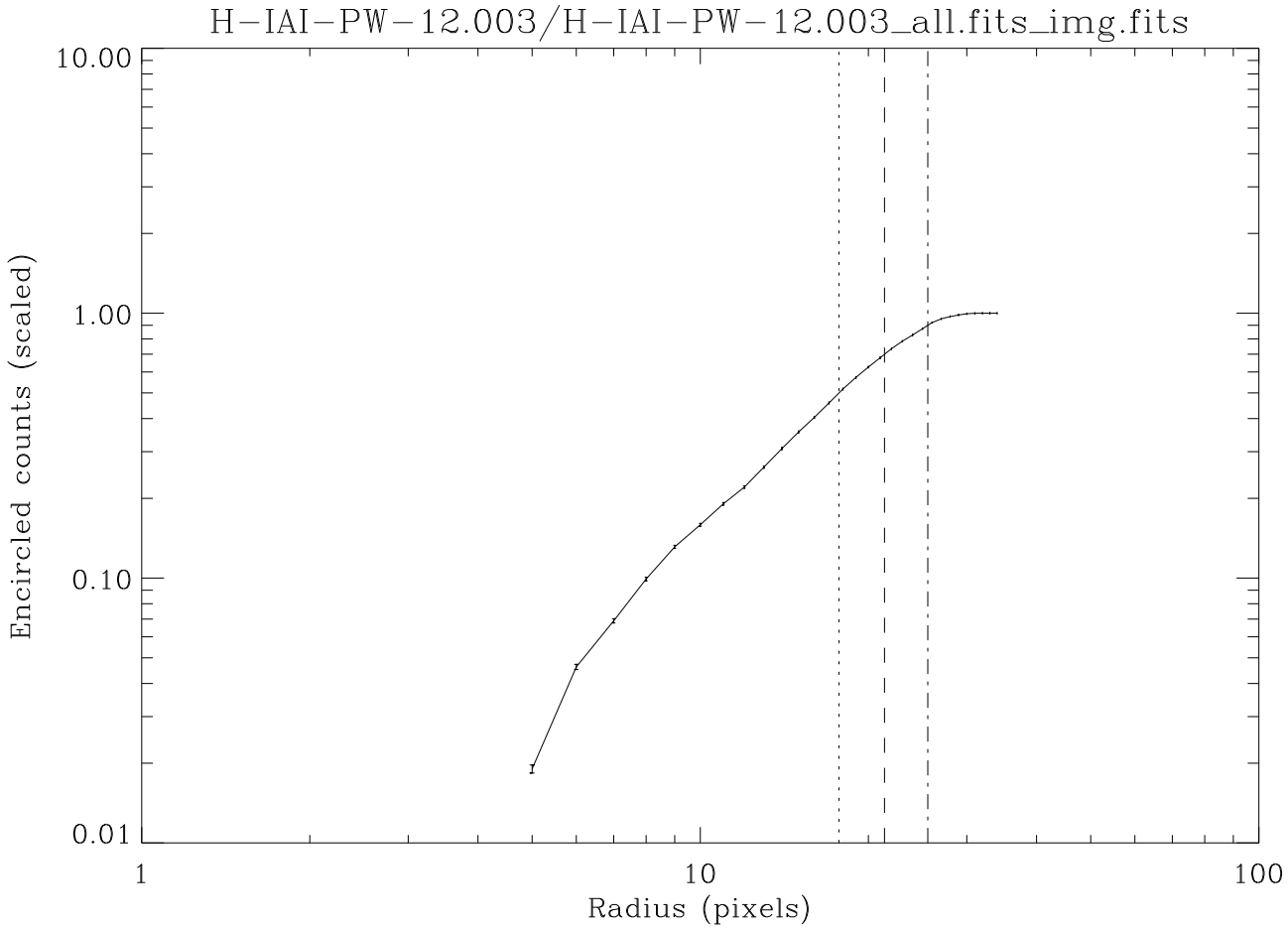
90% radius = 29.6139

Encircled energy radii in microns

50% radius = 473.075

70% radius = 581.179

90% radius = 710.733



Encircled energy radii in pixels

50% radius = 17.7129

70% radius = 21.3743

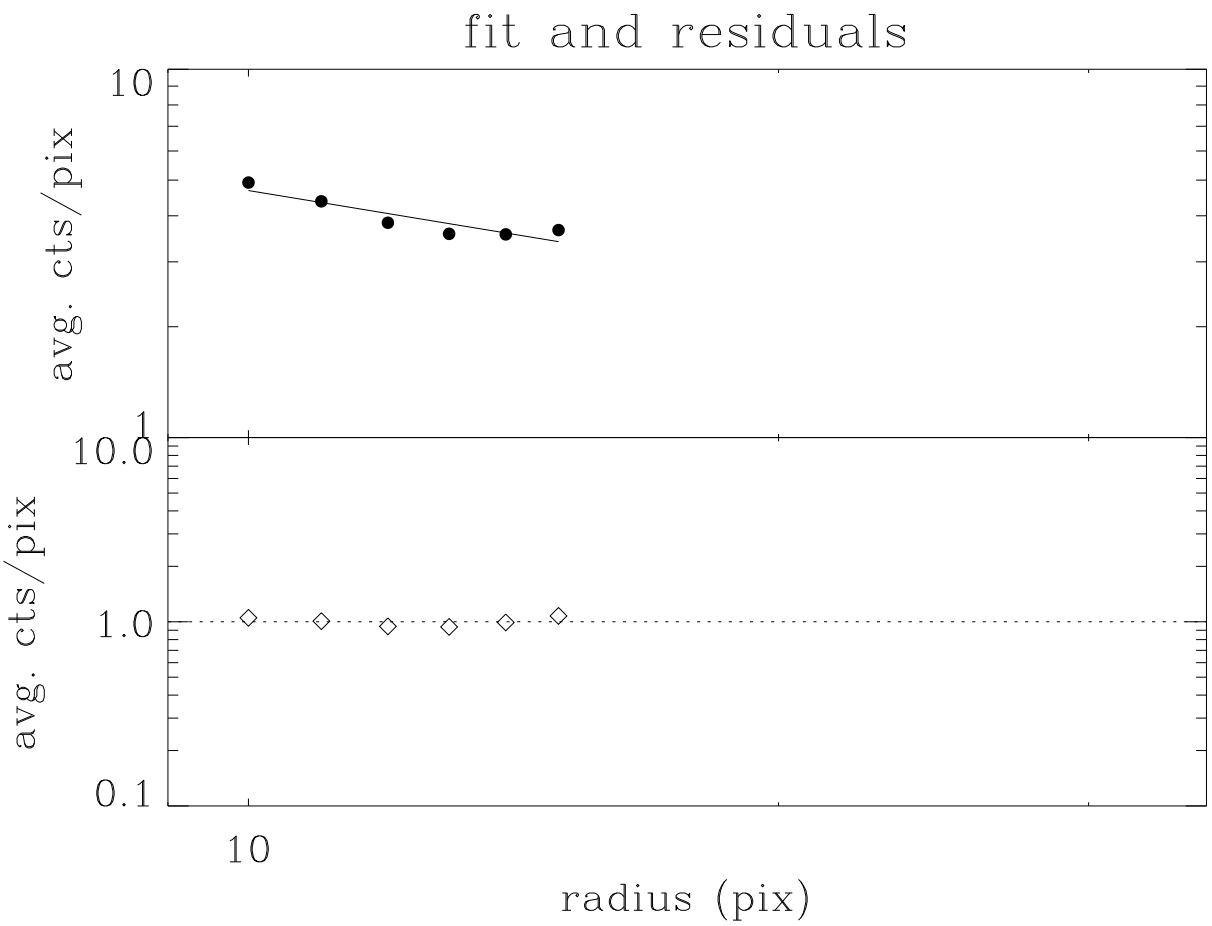
90% radius = 25.5432

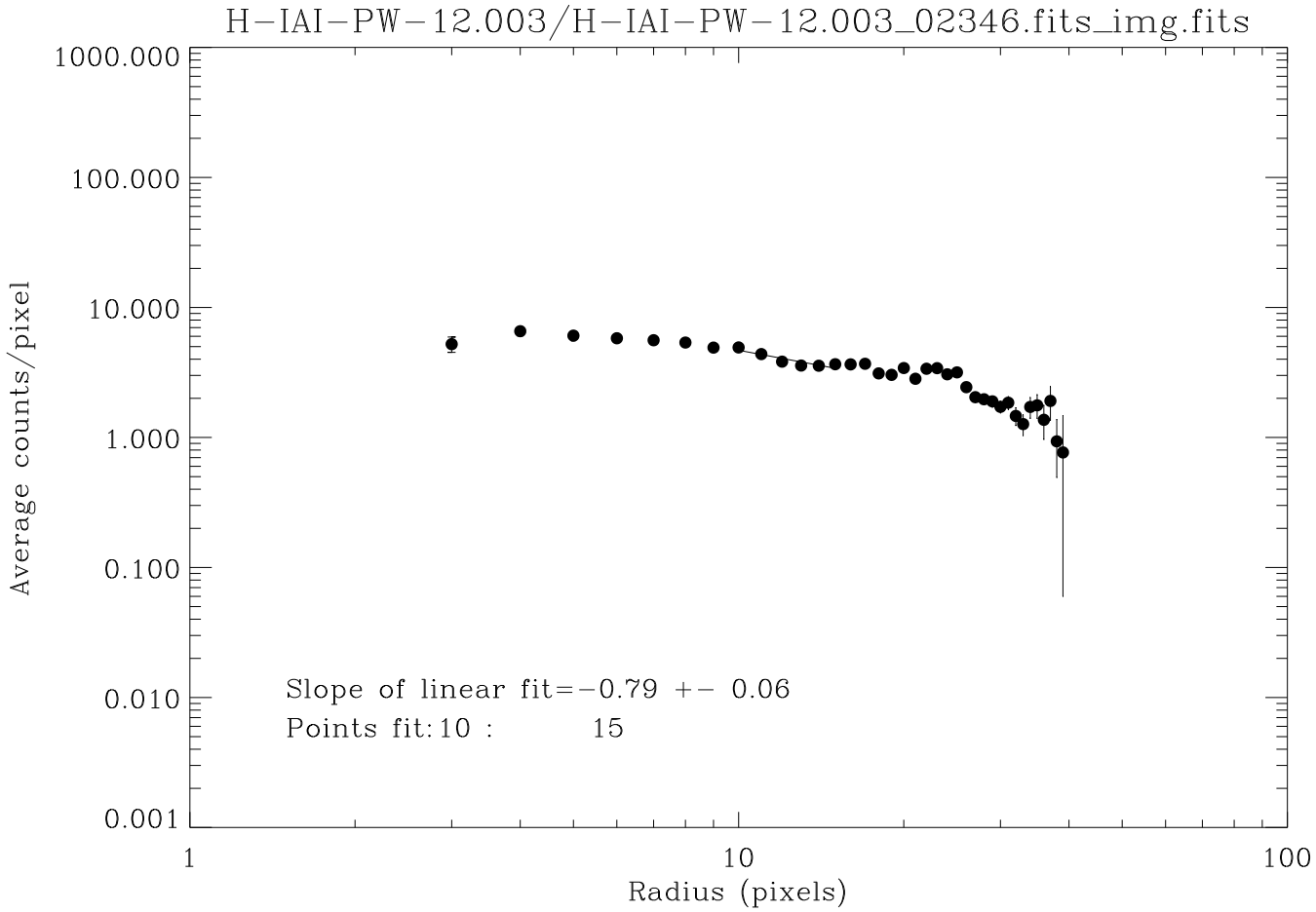
Encircled energy radii in microns

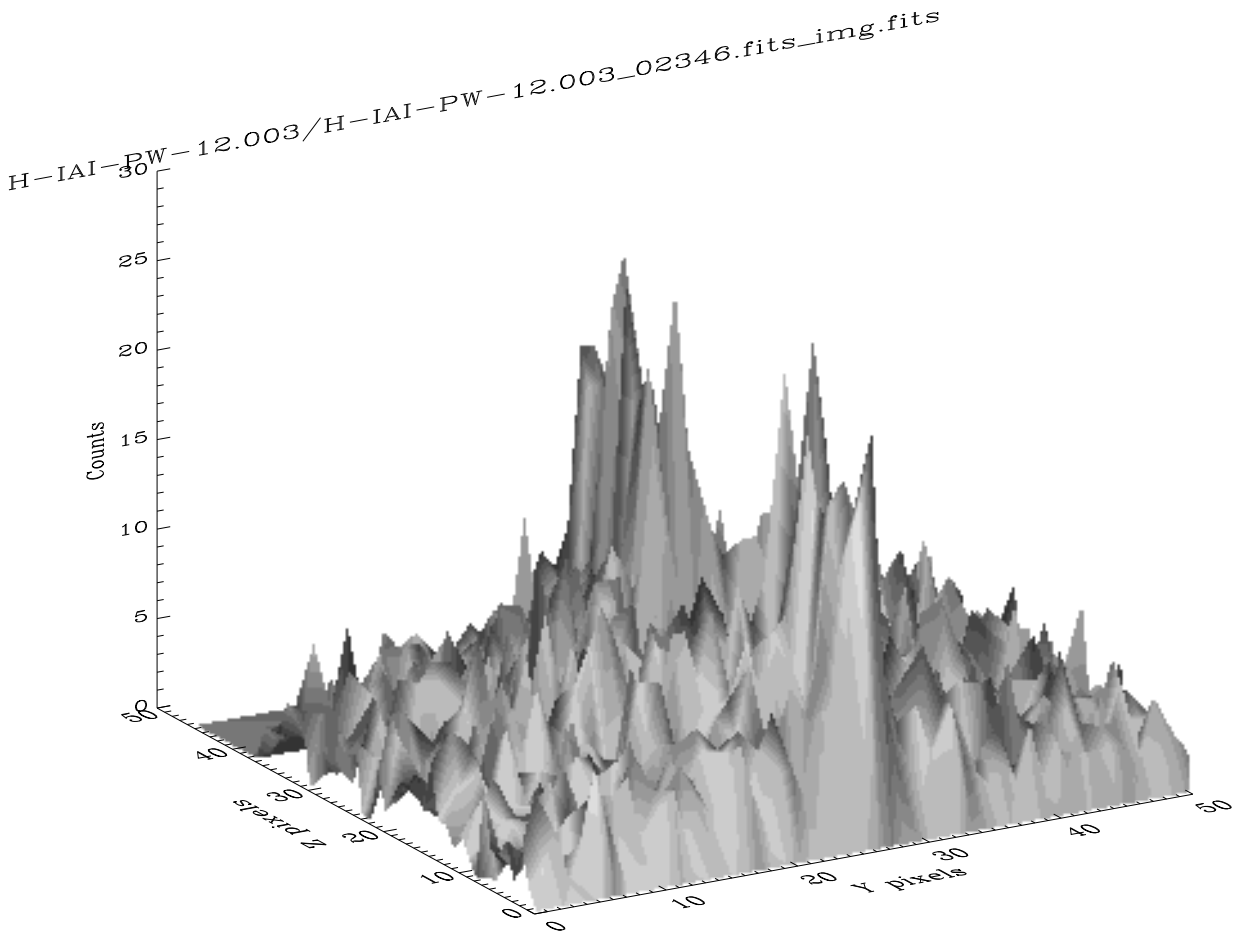
50% radius = 425.109

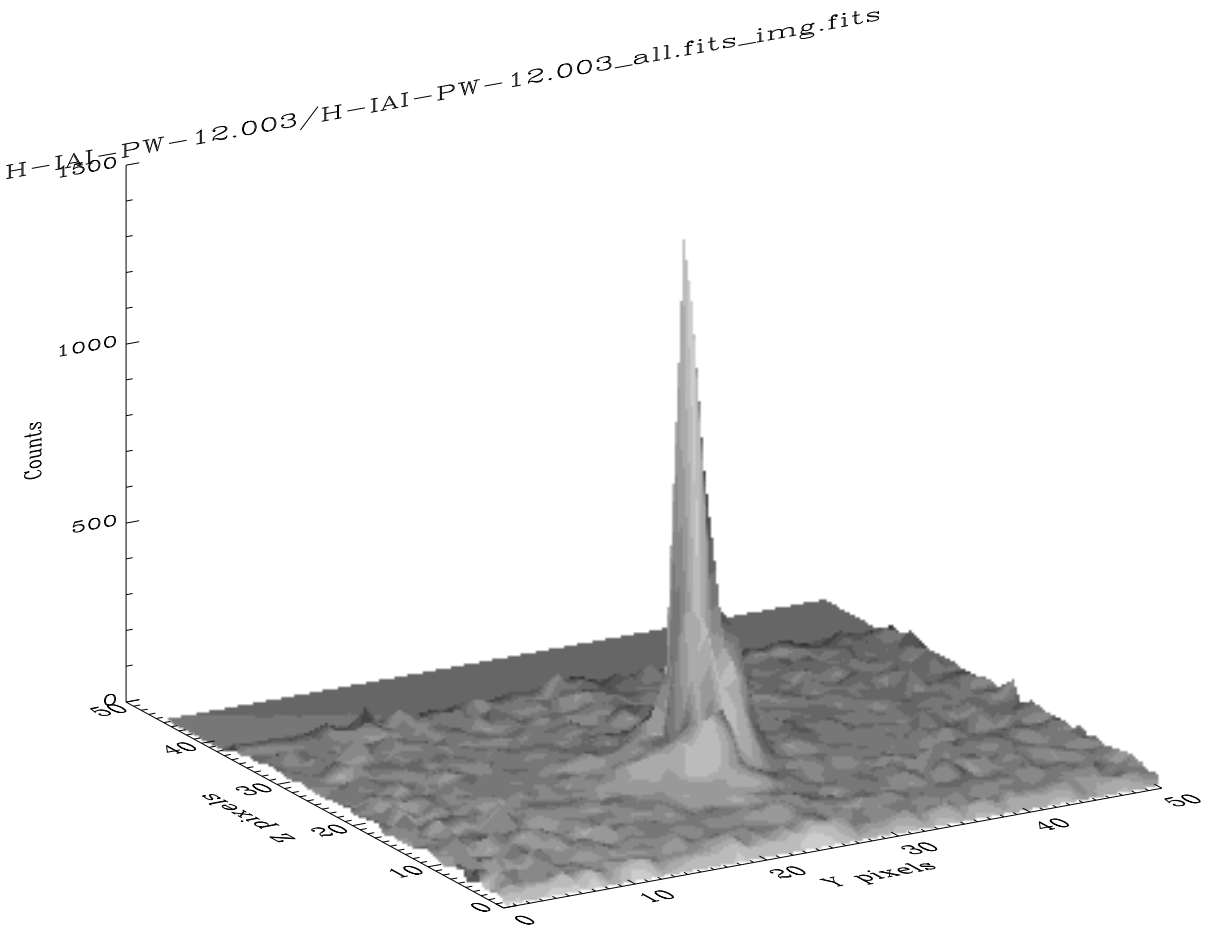
70% radius = 512.983

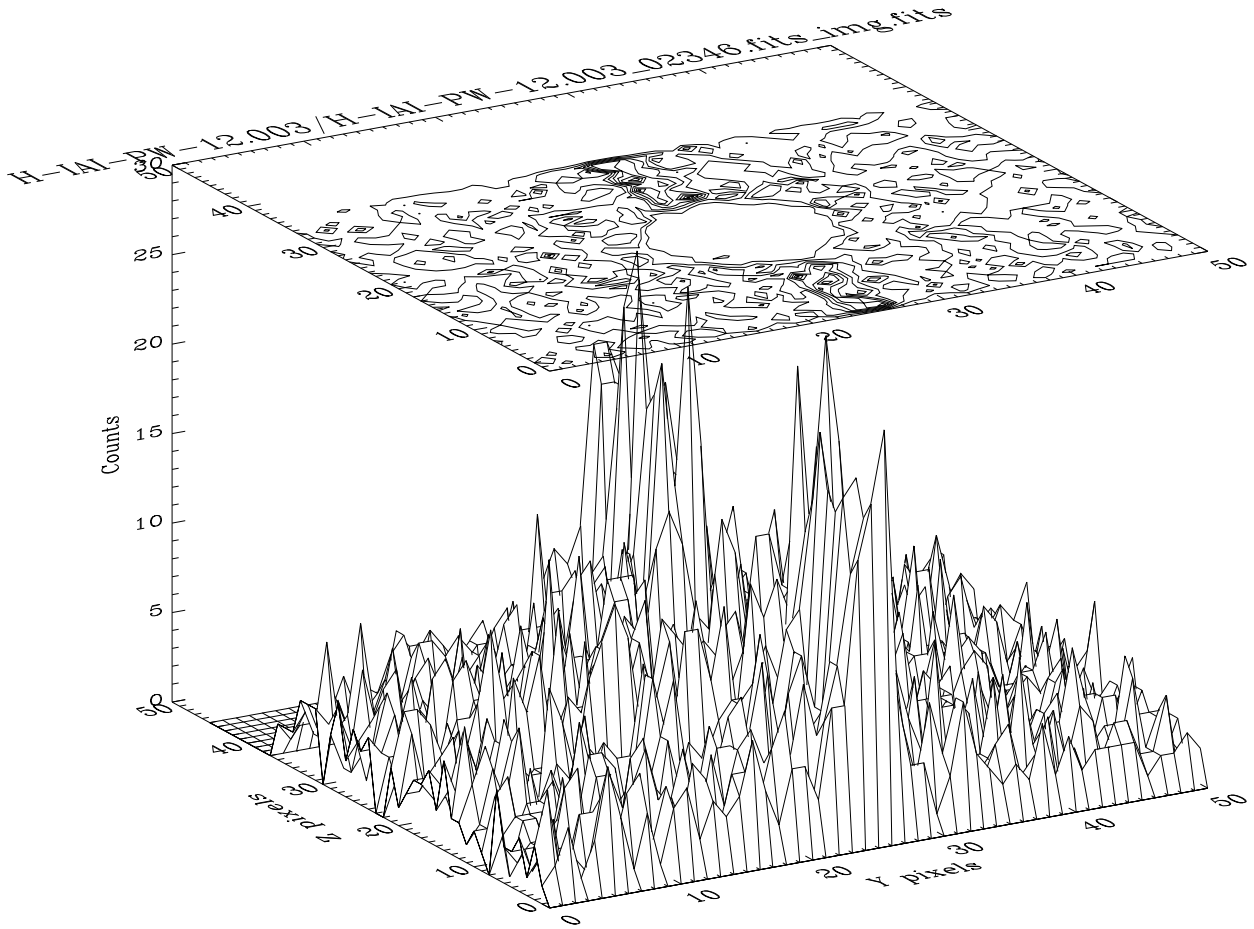
90% radius = 613.037

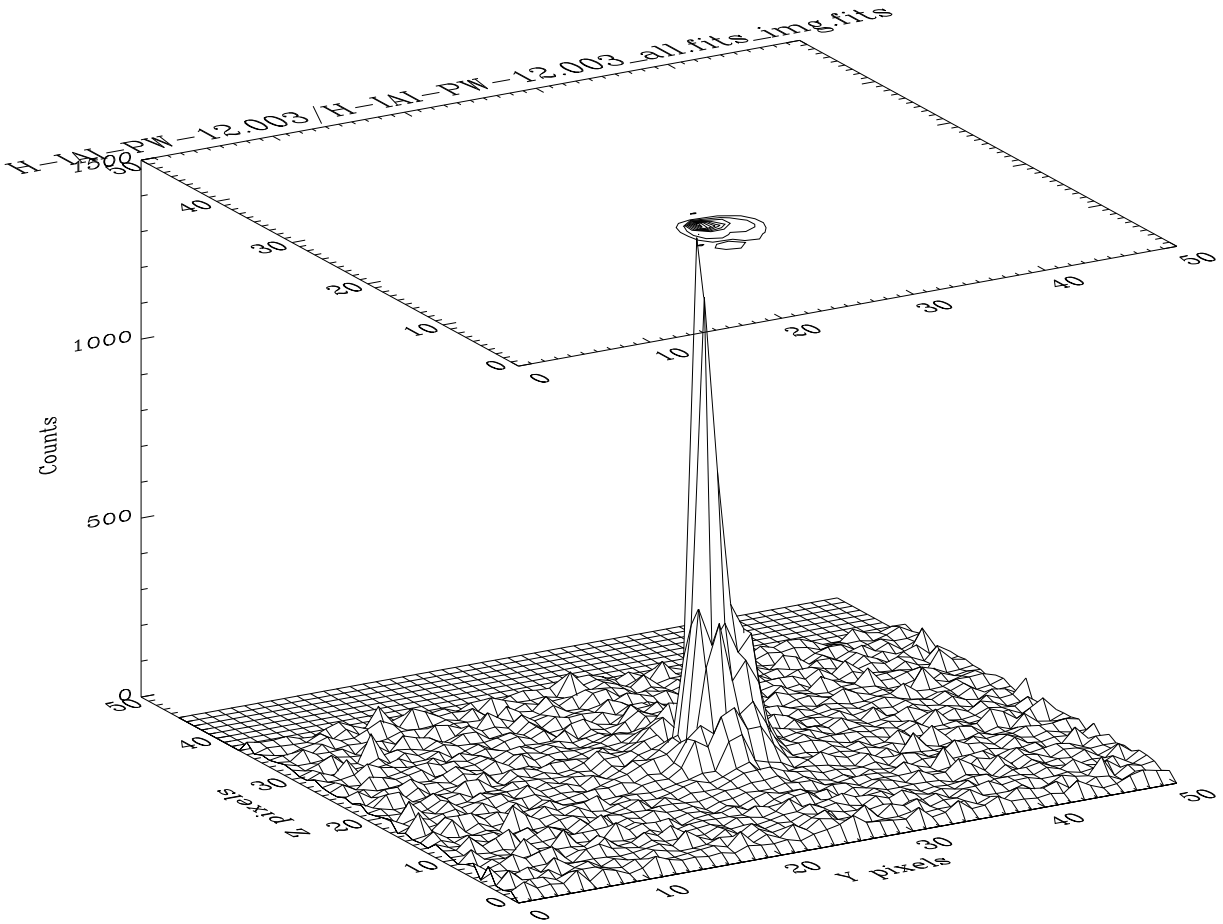

fit and residuals
10
1
avg. cts/pix
10.0
1.0
0.1
avg. cts/pix
10
radius (pix)

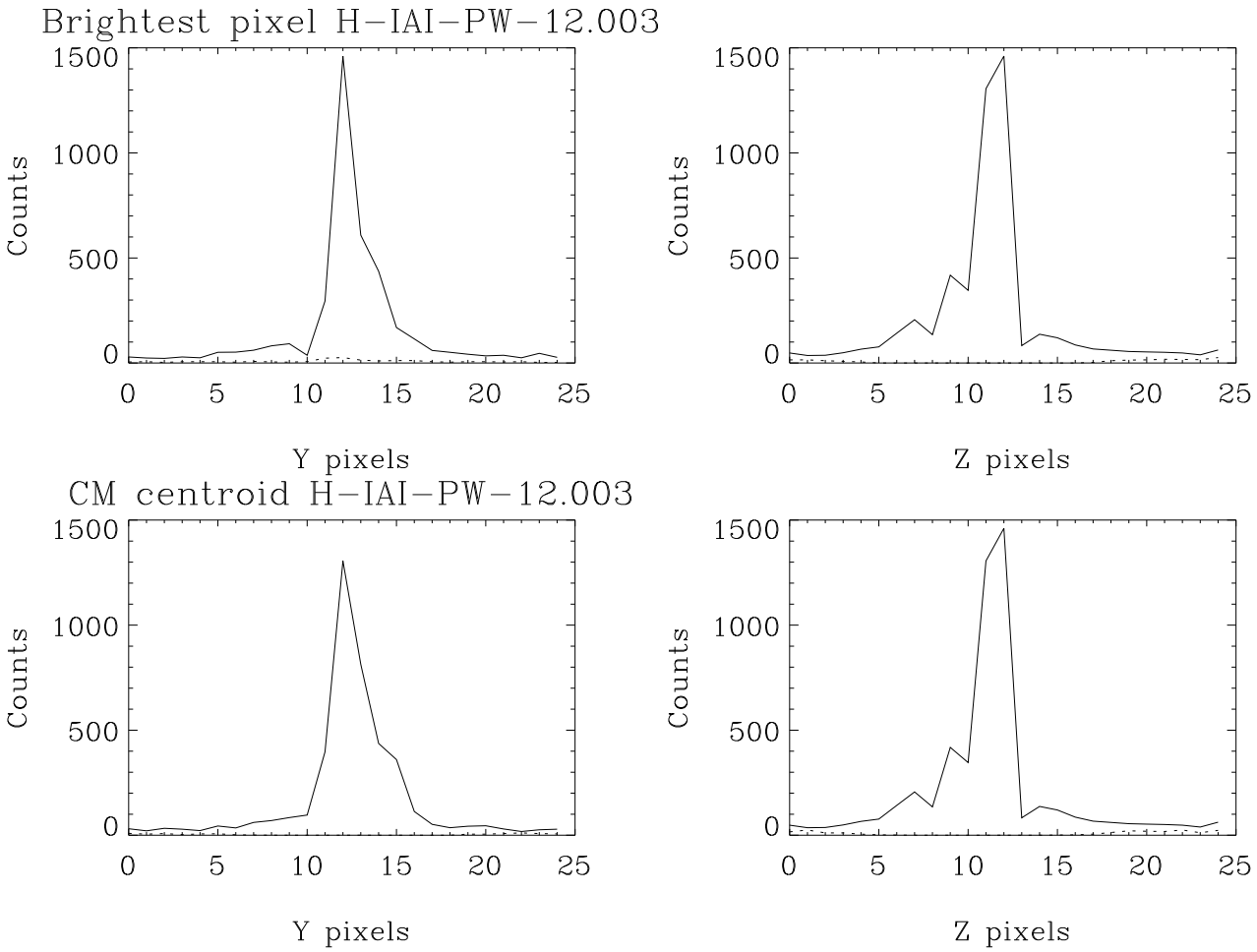

H−IAI−PW−12.003/H−IAI−PW−12.003_02346.fits_img.fits
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Average counts/pixel
Slope of linear fit=−0.79 +− 0.06
Points fit:10 : 15
1
10
100
Radius (pixels)


H-IAI-PW-12.003/H-IAI-PW-12.003_02346.fits_img.fits
Counts
30
25
20
15
10
5
0
Z pixels
0
10
20
30
40
50
Y pixels


H-IAI-PW-12.003/H-IAI-PW-12.003_all.fits_img.fits
1500
1000
500
0
Counts
50
40
30
20
10
0
Z pixels
0
10
20
30
40
50
Y pixels


H-IAI-PW-12.003/H-IAI-PW-12.003_02348.fits_img.fits
Counts
X pixels
Y pixels


H-1AL-PW-12.003/H-1AL-PW-12.003_all.fits_img.fits
1500
1000
500
0
Counts
0
10
20
30
40
50
Z pixels
Y pixels



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

Brightest pixel (Y,Z)

All grades	12	12
Std. grades	12	24

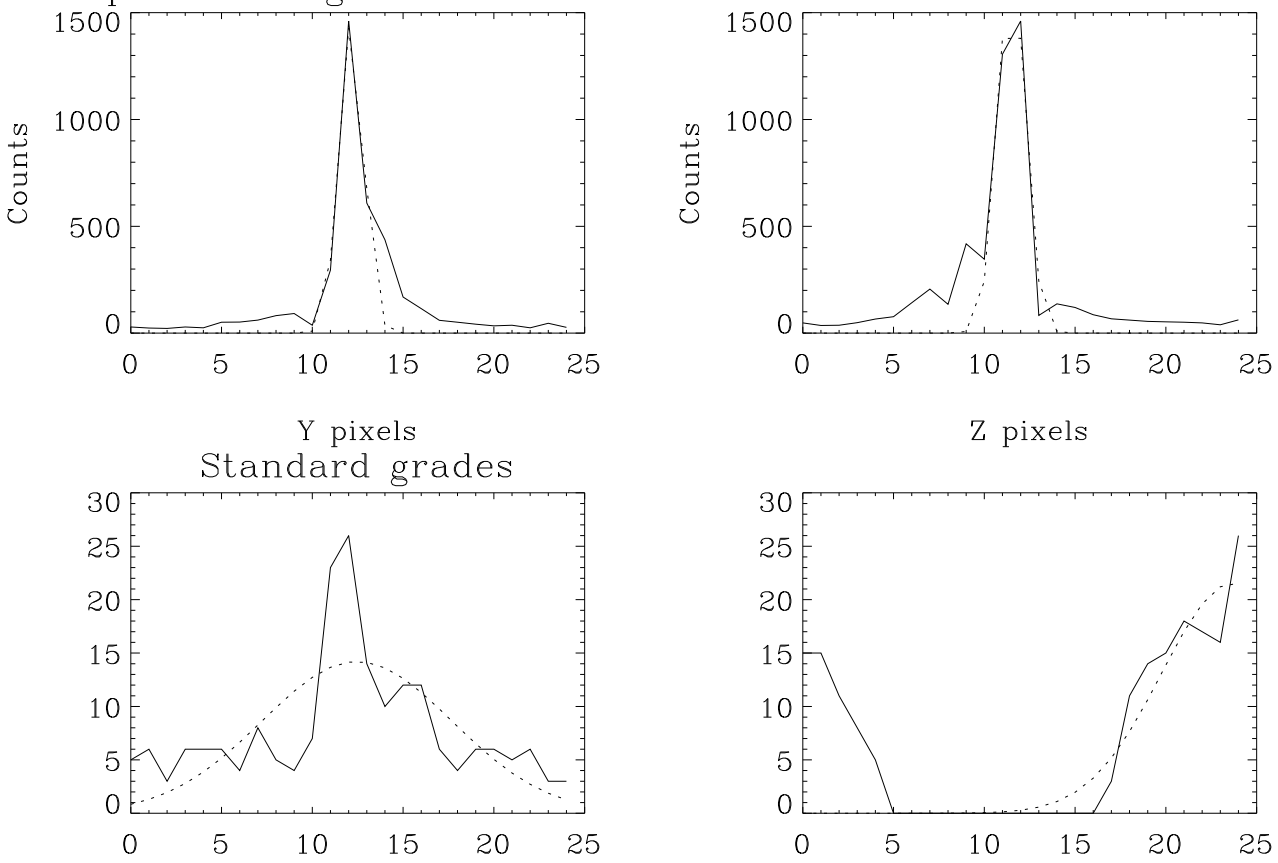
CM Centroid (Y,Z)

All grades	12.1548	11.5579
Std. grades	11.8701	12.2953

Brightest pixel maxima

All grades:	1461
Std. grades:	26

Brightest pixel – All grades H–IAI–PW–12.003



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

	Integrated	Analytical
All Y	2361.9028	2492.2234
Std Y	182.46754	186.68389
All Z	3310.7311	3260.7828
Std Z	113.40025	216.47496

	amplitude	offset	sigma	FWHM
All Y:	1466.8413	12.156878	0.67781926	1.5955866
Std Y:	14.206674	12.458629	5.2423318	12.340449
All Z:	1714.2403	11.500388	0.75885753	1.7863507
Std Z:	21.587361	23.760698	4.0005360	9.4172620