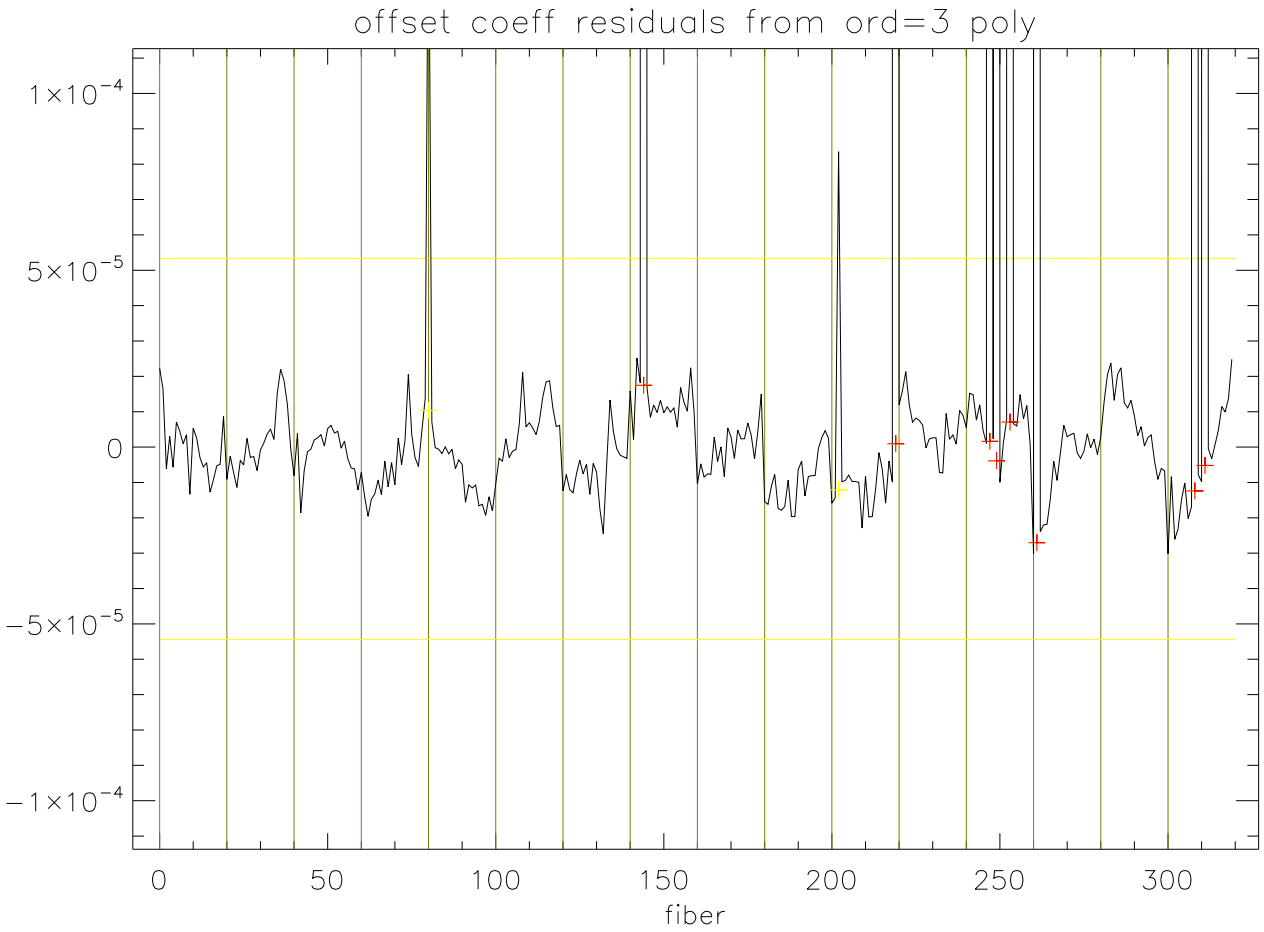
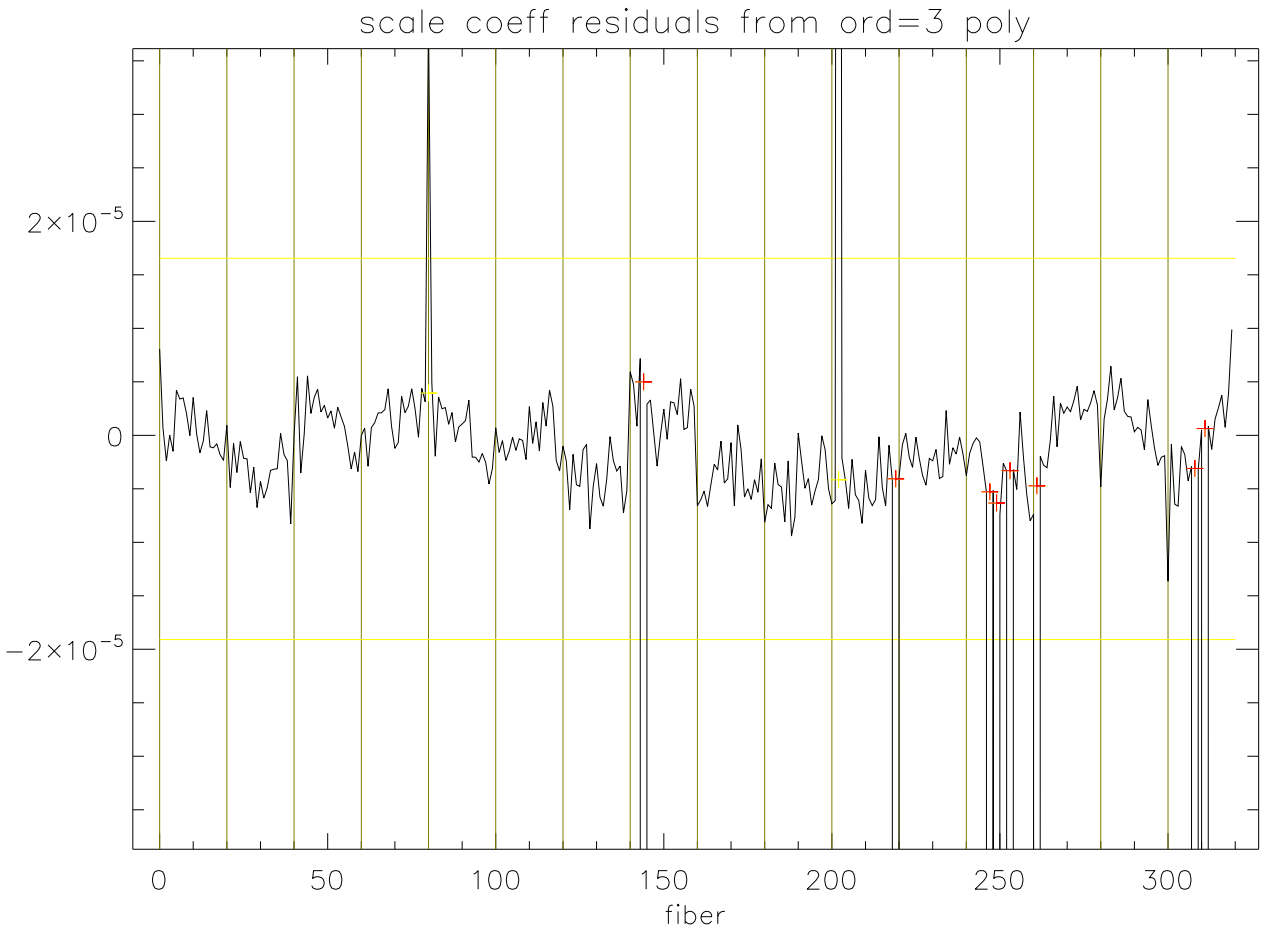
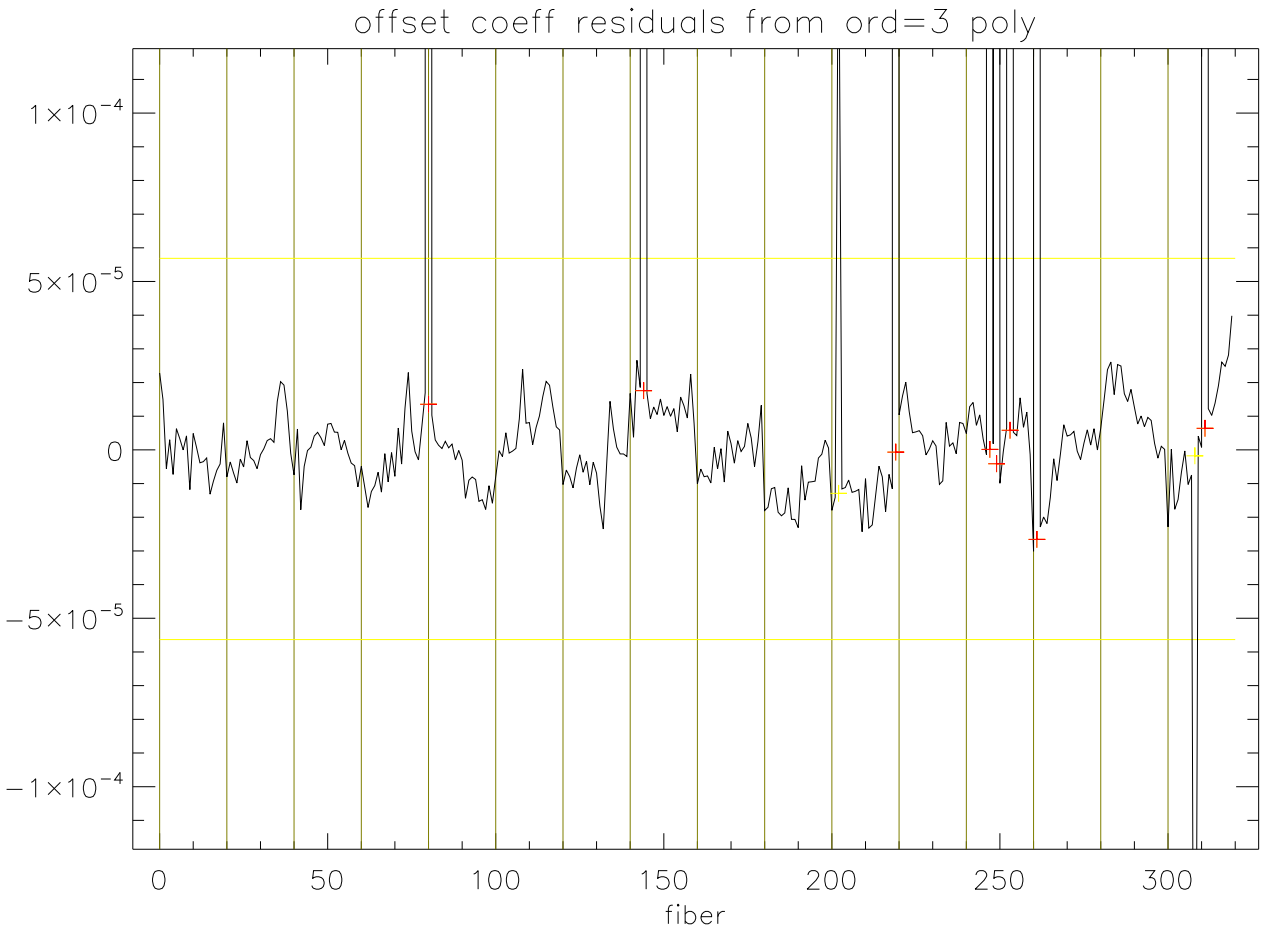
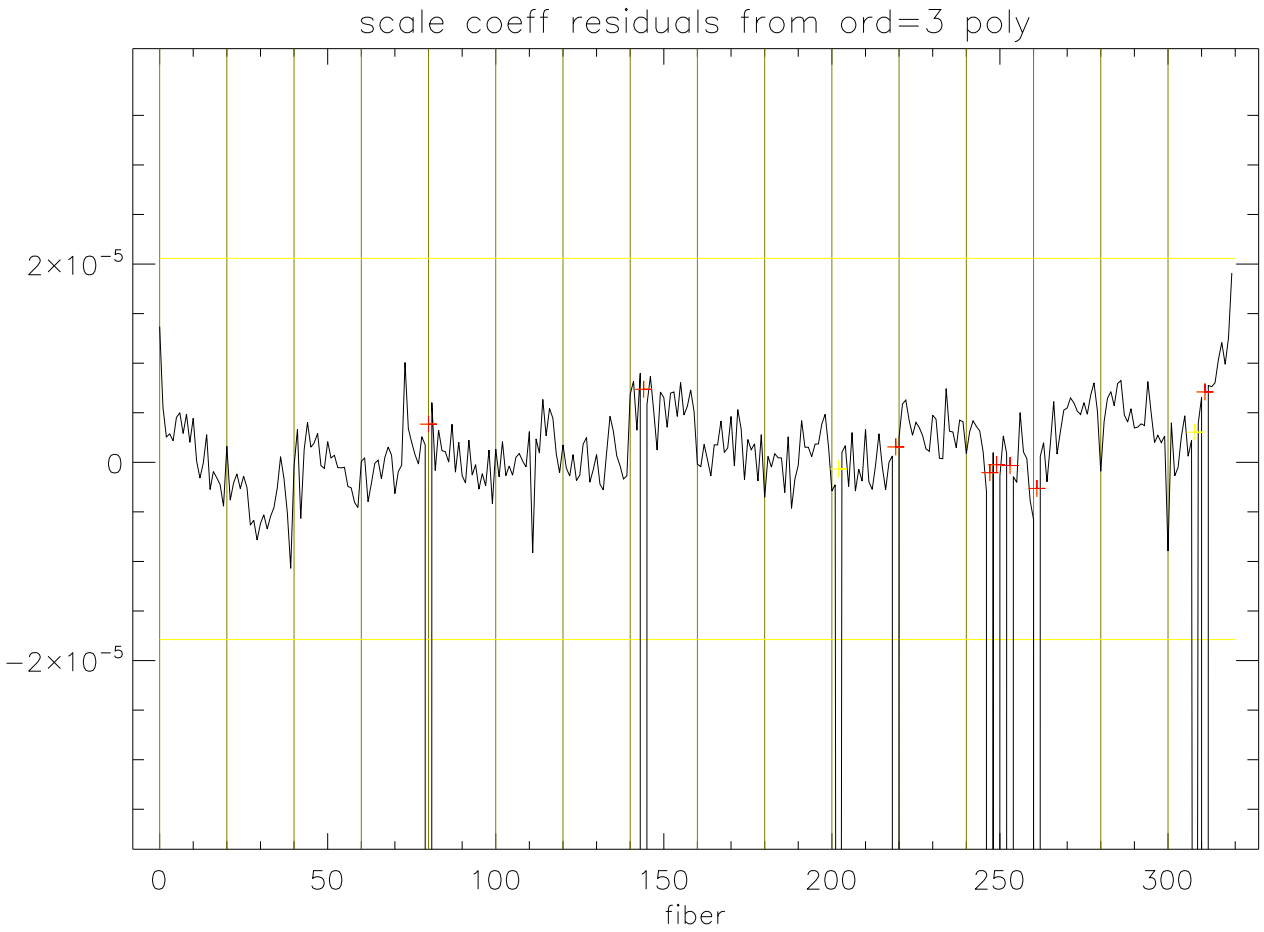
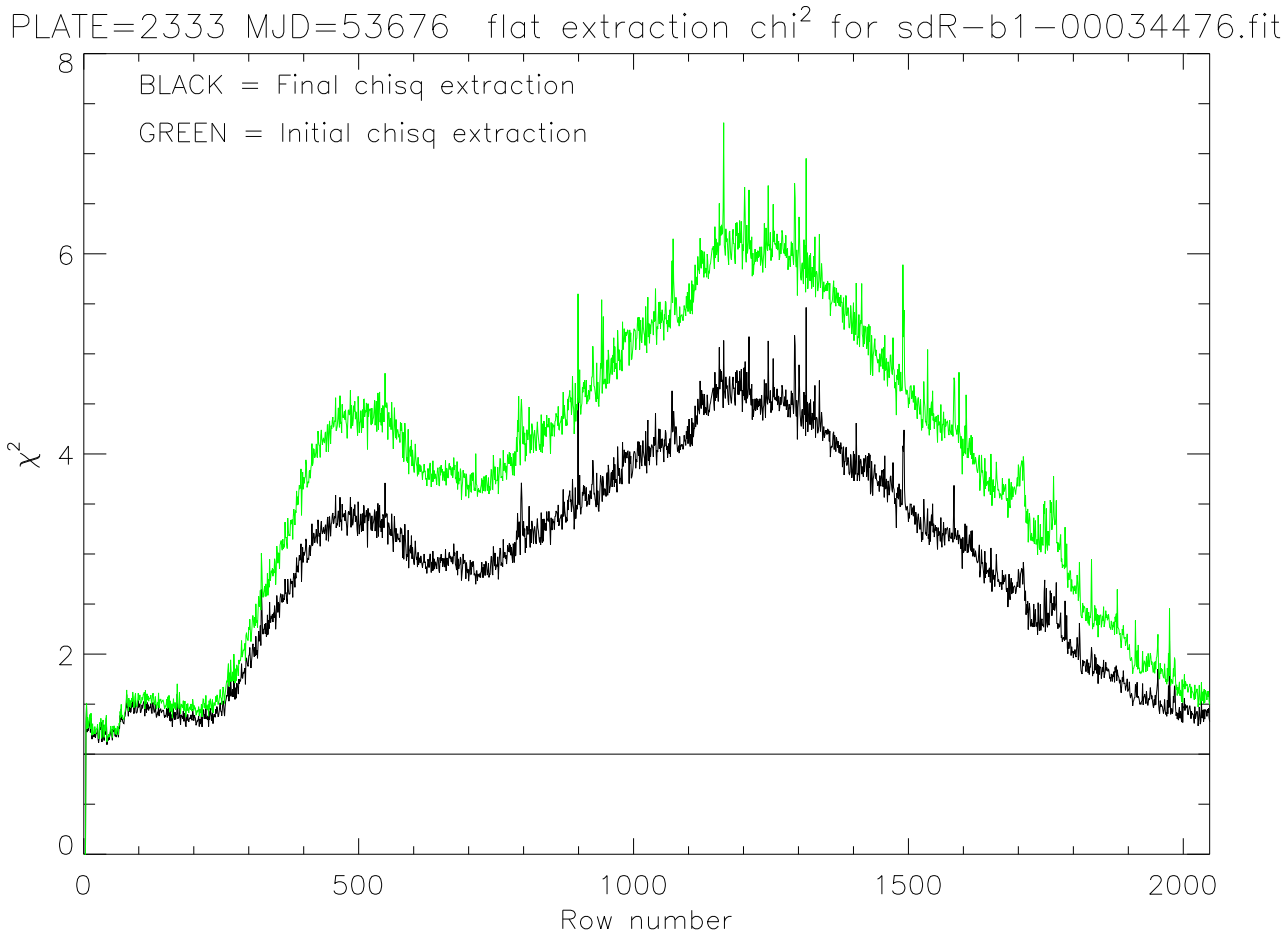
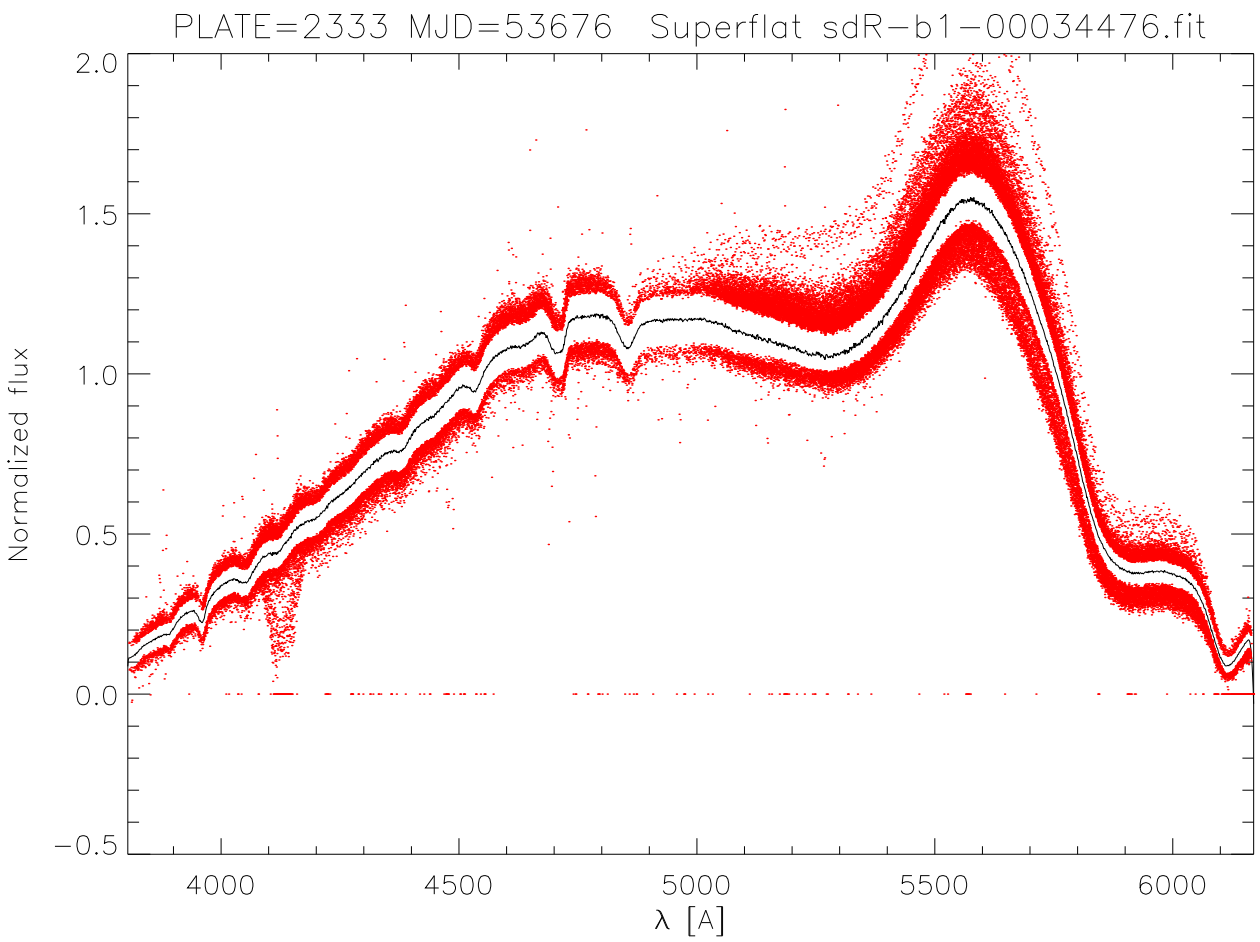

offset coeff residuals from ord=3 poly
1×10^-4
5×10^-5
0
−5×10^-5
−1×10^-4
0
50
100
150
200
250
300
fiber

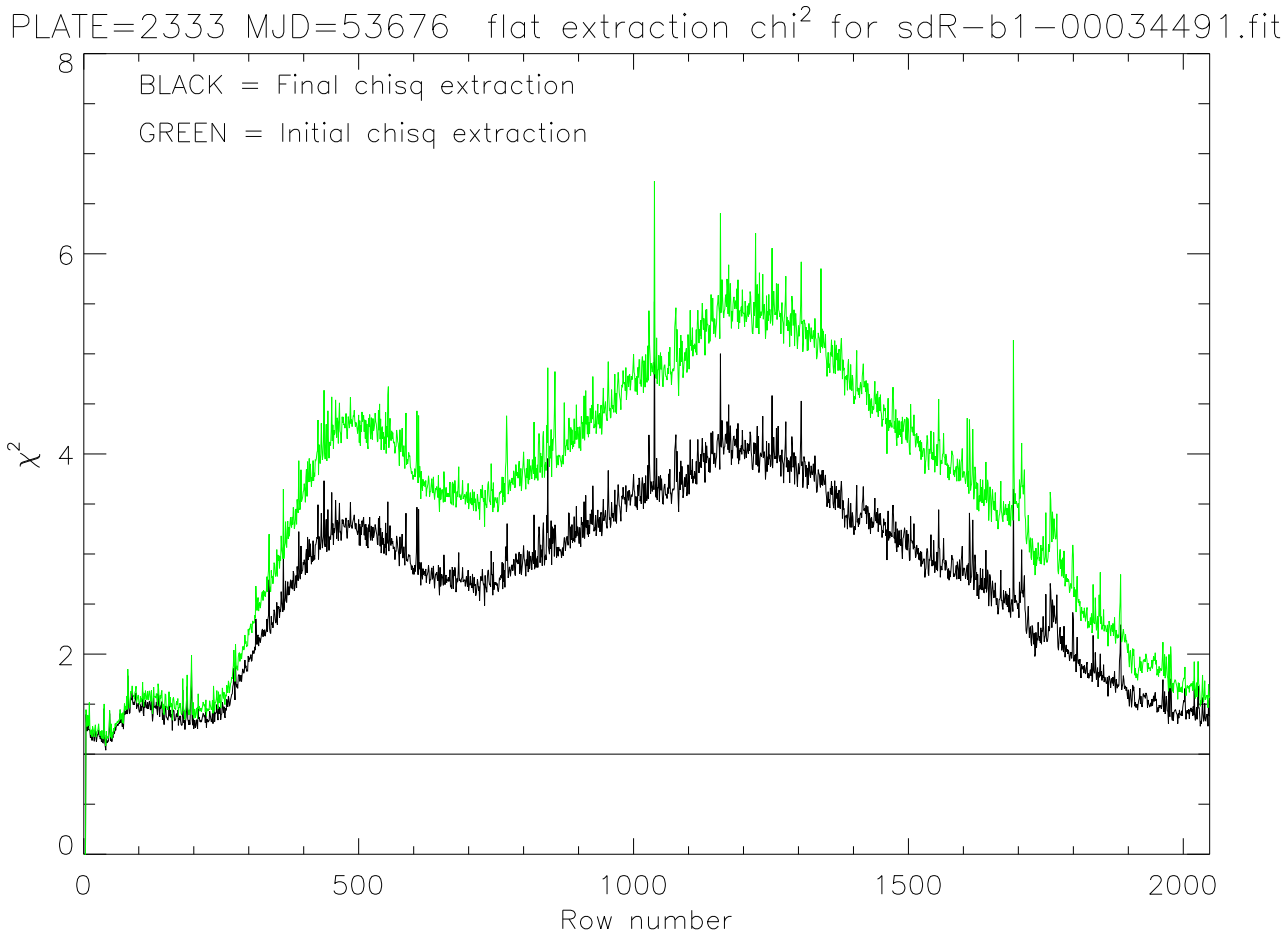

scale coeff residuals from ord=3 poly
2×10⁻⁵
0
−2×10⁻⁵
0
50
100
150
200
250
300
fiber

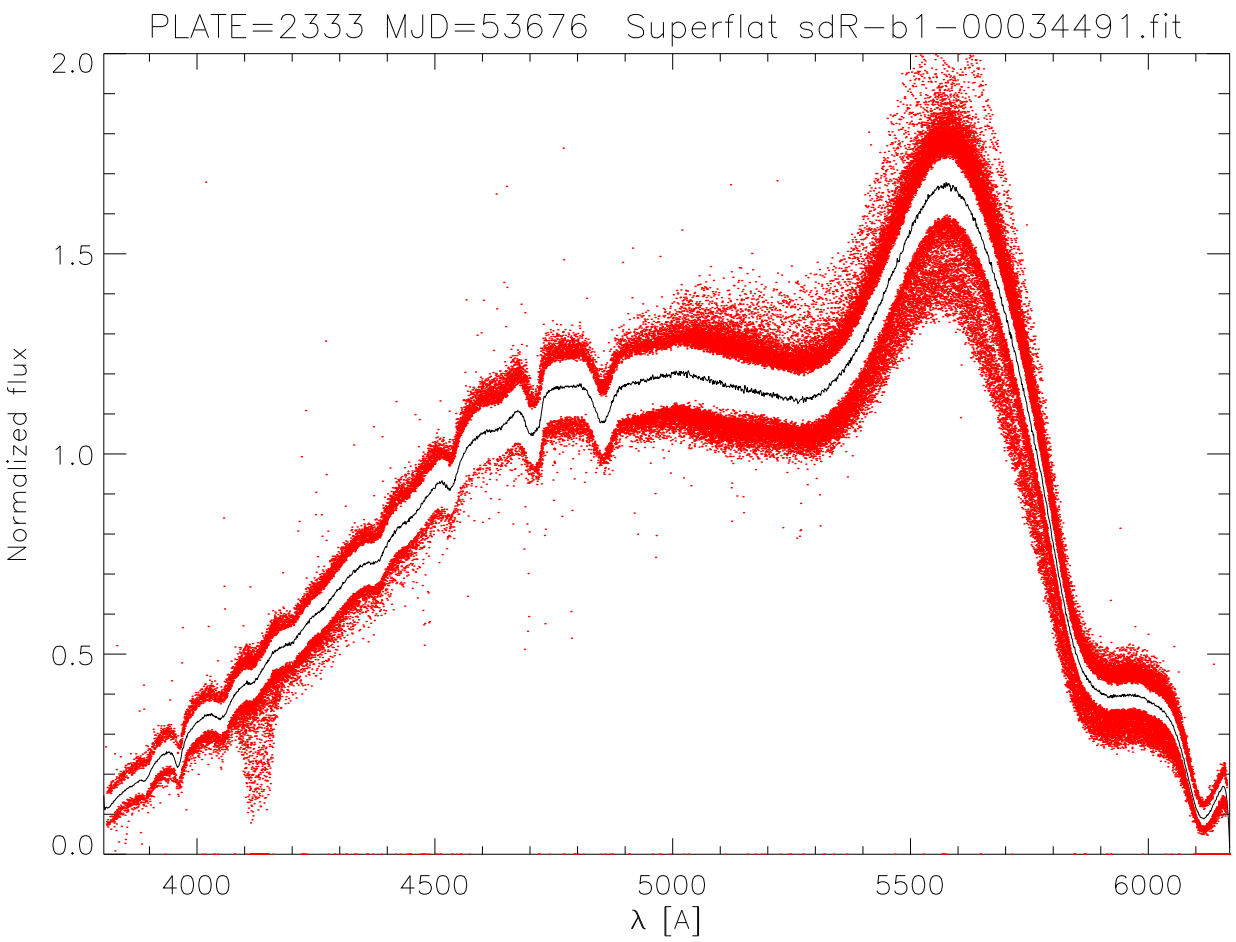

offset coeff residuals from ord=3 poly
1×10^-4
5×10^-5
0
−5×10^-5
−1×10^-4
0
50
100
150
200
250
300
fiber

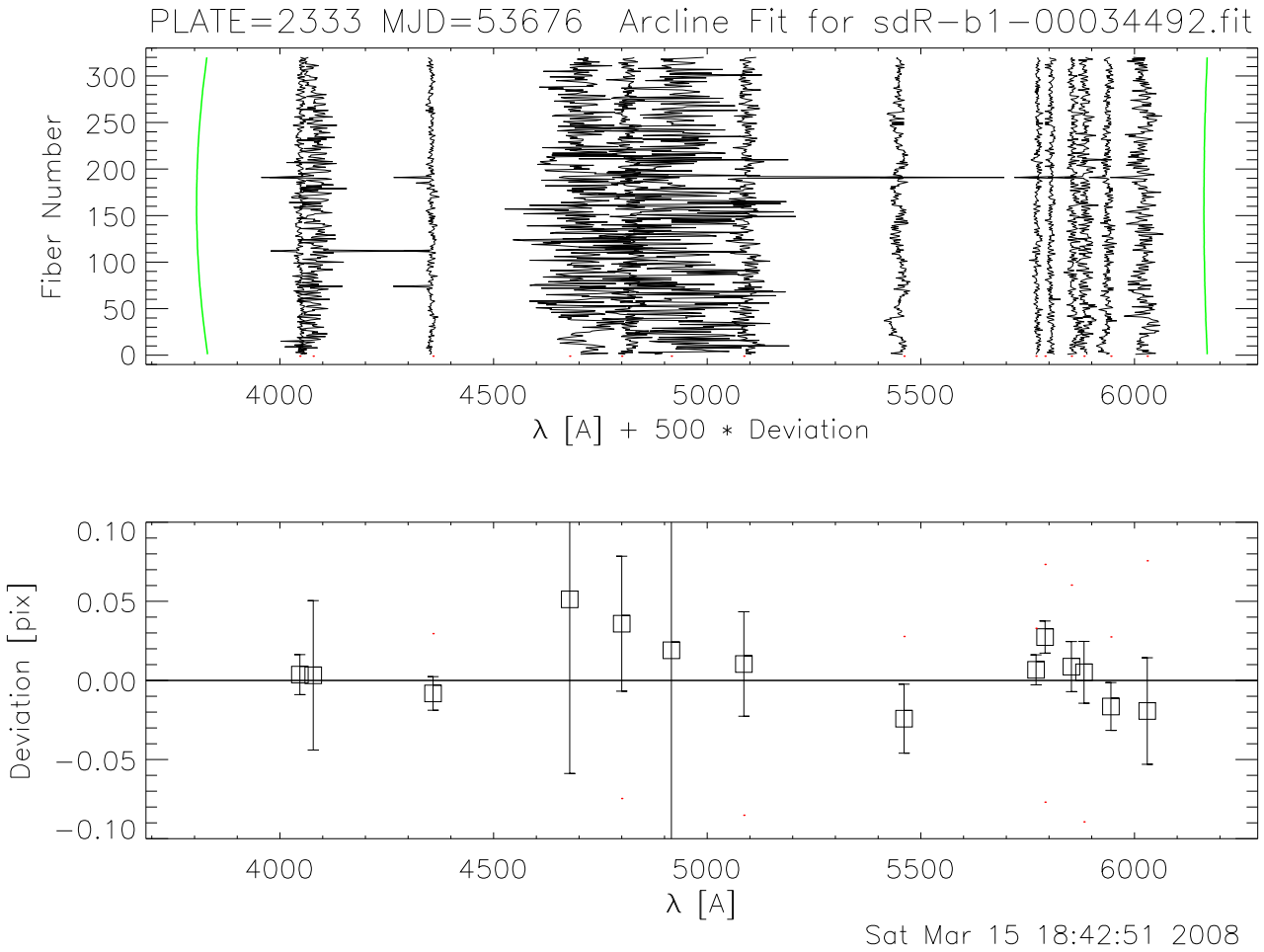

scale coeff residuals from ord=3 poly
2×10⁻⁵
0
−2×10⁻⁵
0
50
100
150
200
250
300
fiber

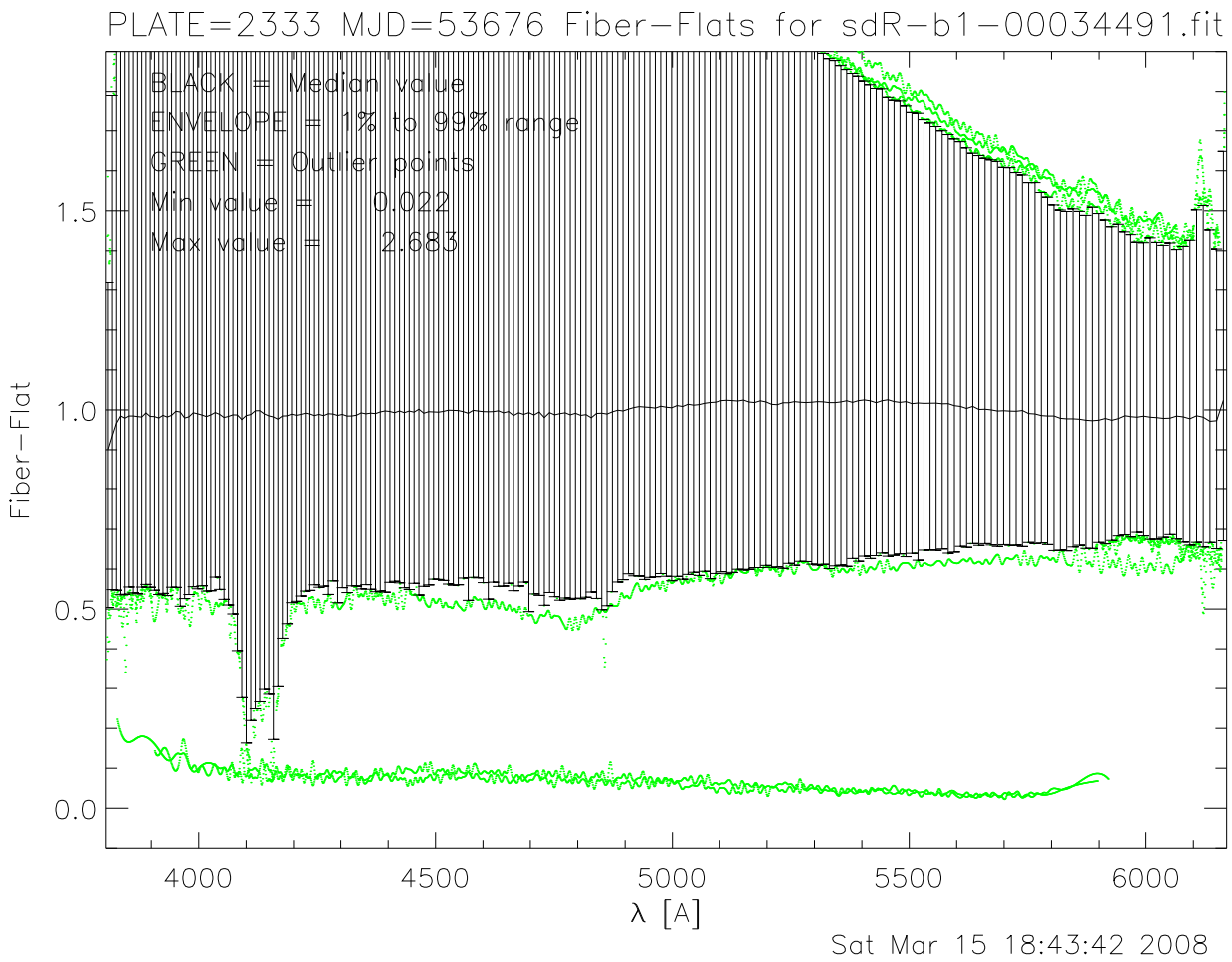

PLATE=2333 MJD=53676 flat extraction chi^2 for sdR−b1−00034476.fit
BLACK = Final chisq extraction
GREEN = Initial chisq extraction
χ^2
0
2
4
6
8
0
500
1000
1500
2000
Row number

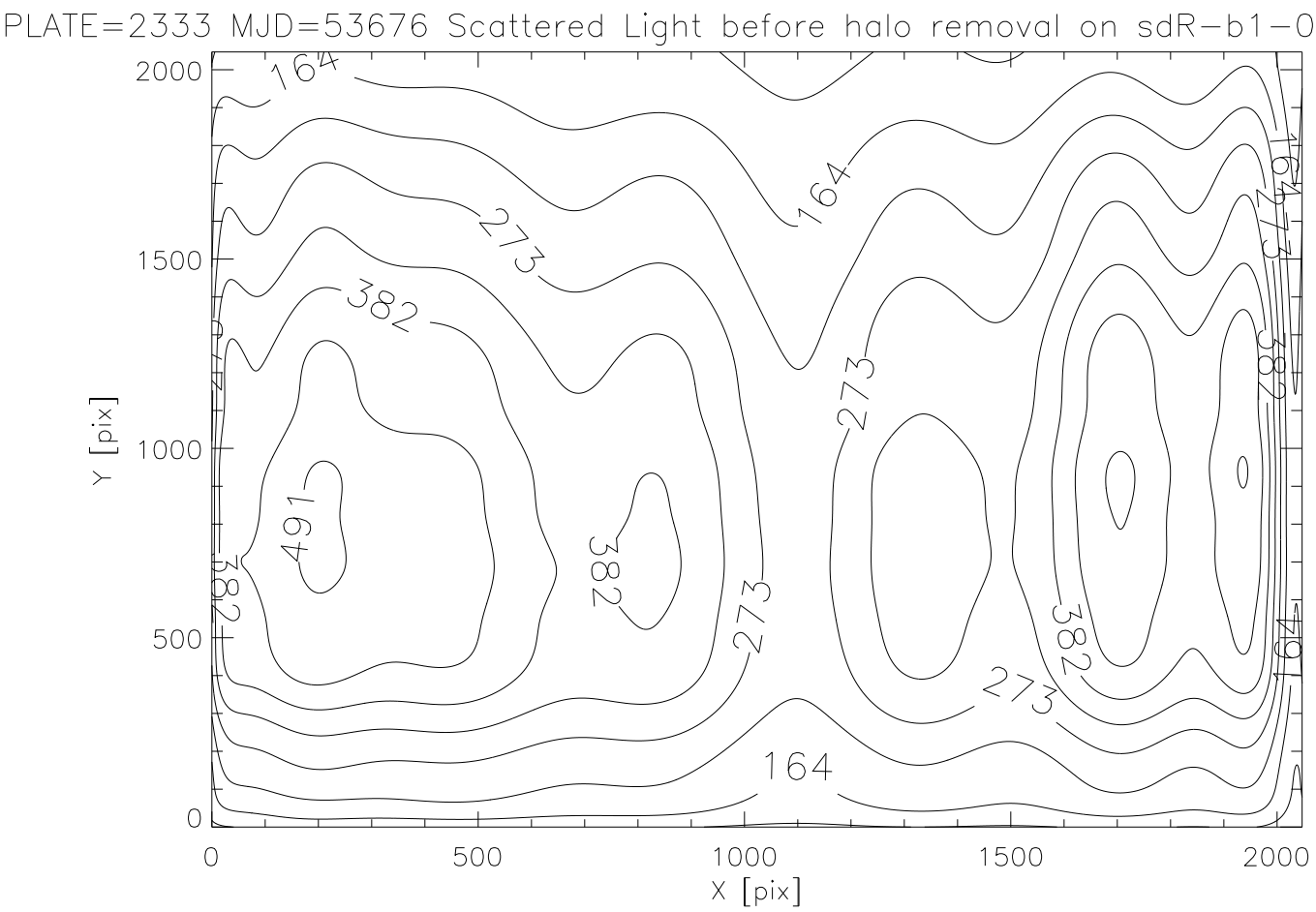

PLATE=2333 MJD=53676 Superflat sdR-b1-00034476.fit
Normalized flux
2.0
1.5
1.0
0.5
0.0
−0.5
4000
4500
5000
5500
6000
λ [A]

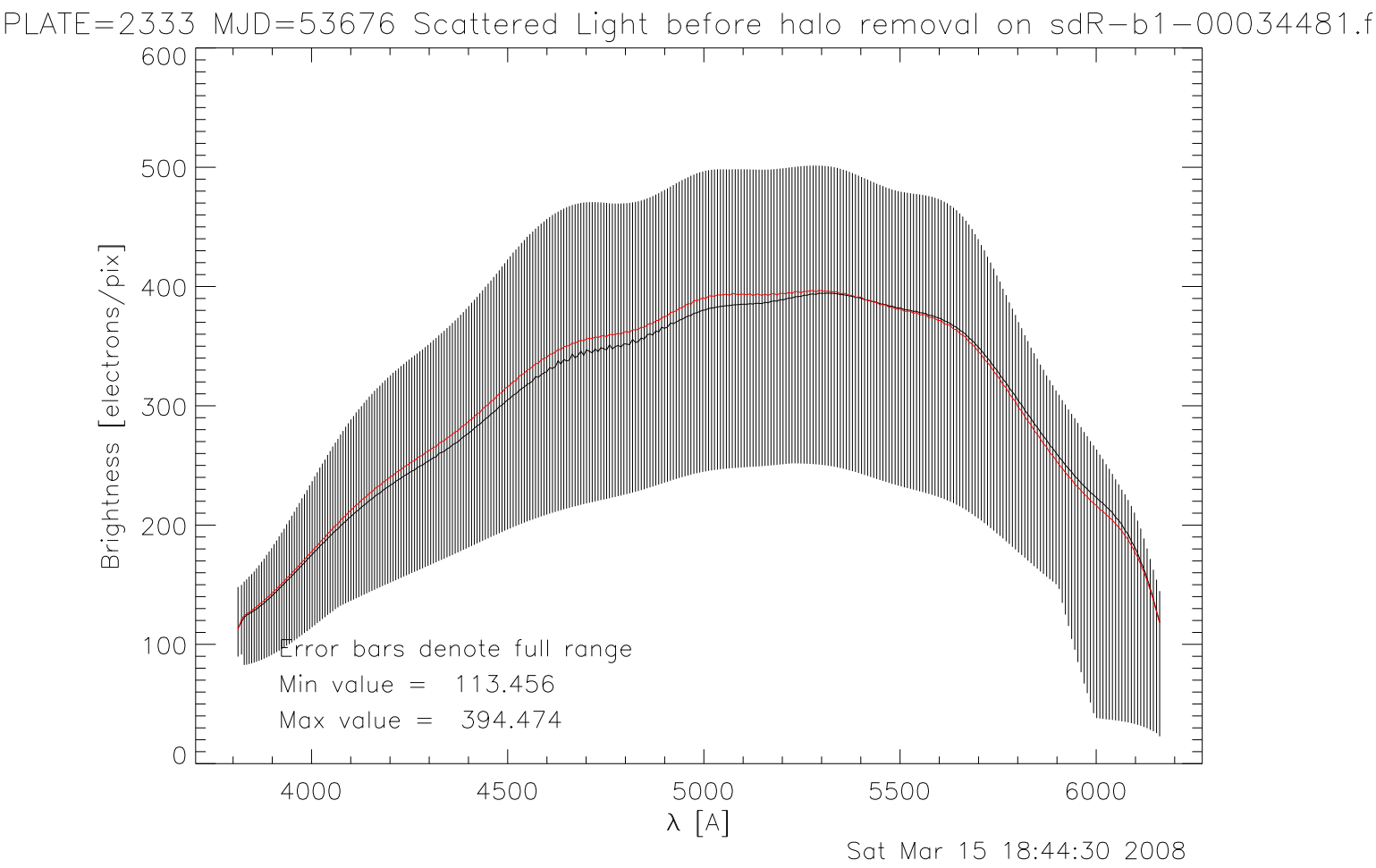

PLATE=2333 MJD=53676 flat extraction chi^2 for sdR−b1−00034491.fit
BLACK = Final chisq extraction
GREEN = Initial chisq extraction
χ^2
0
2
4
6
8
0
500
1000
1500
2000
Row number

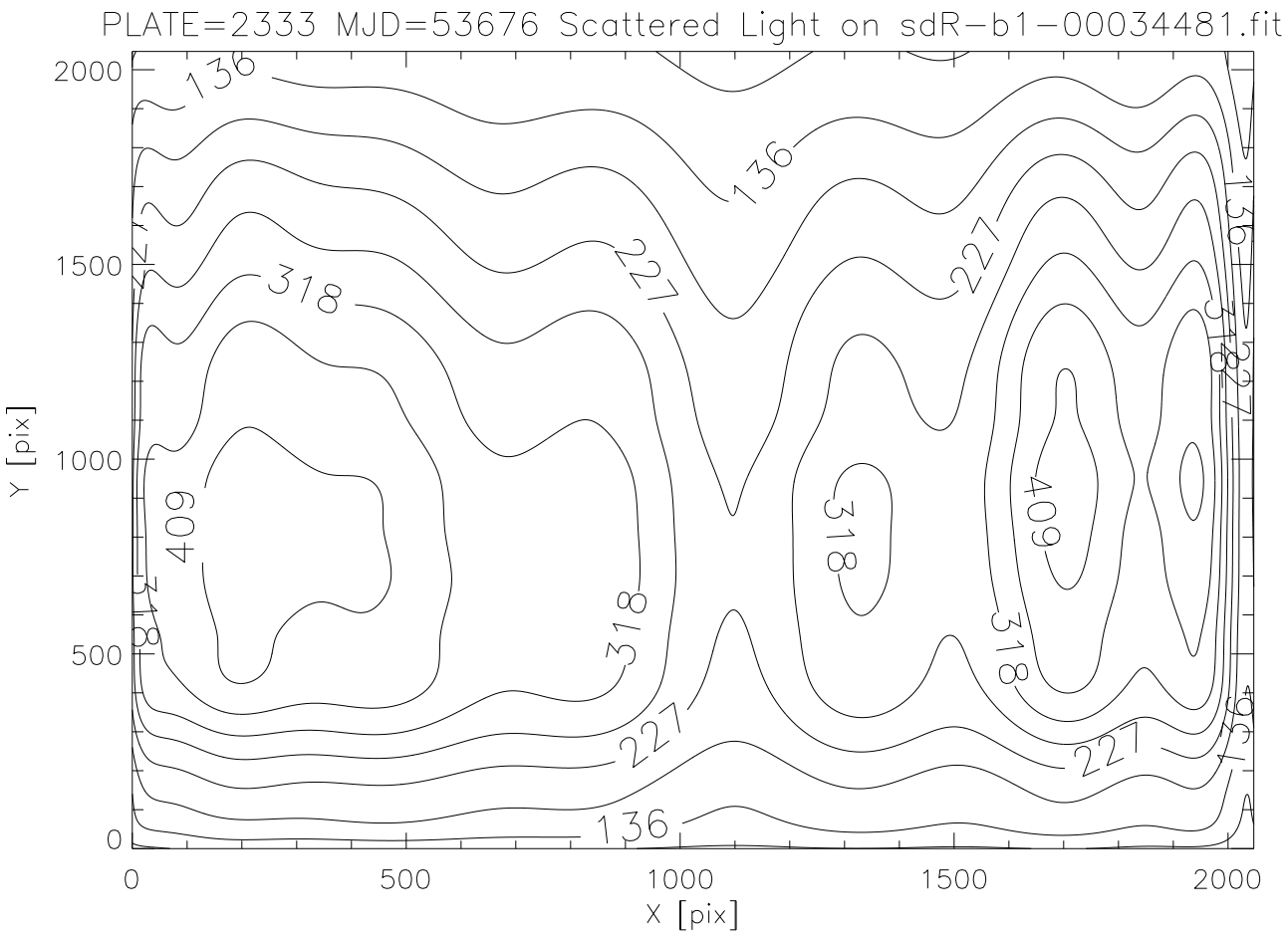

PLATE=2333 MJD=53676 Superflat sdR-b1-00034491.fit
Normalized flux
2.0
1.5
1.0
0.5
0.0
4000
4500
5000
5500
6000
λ [A]

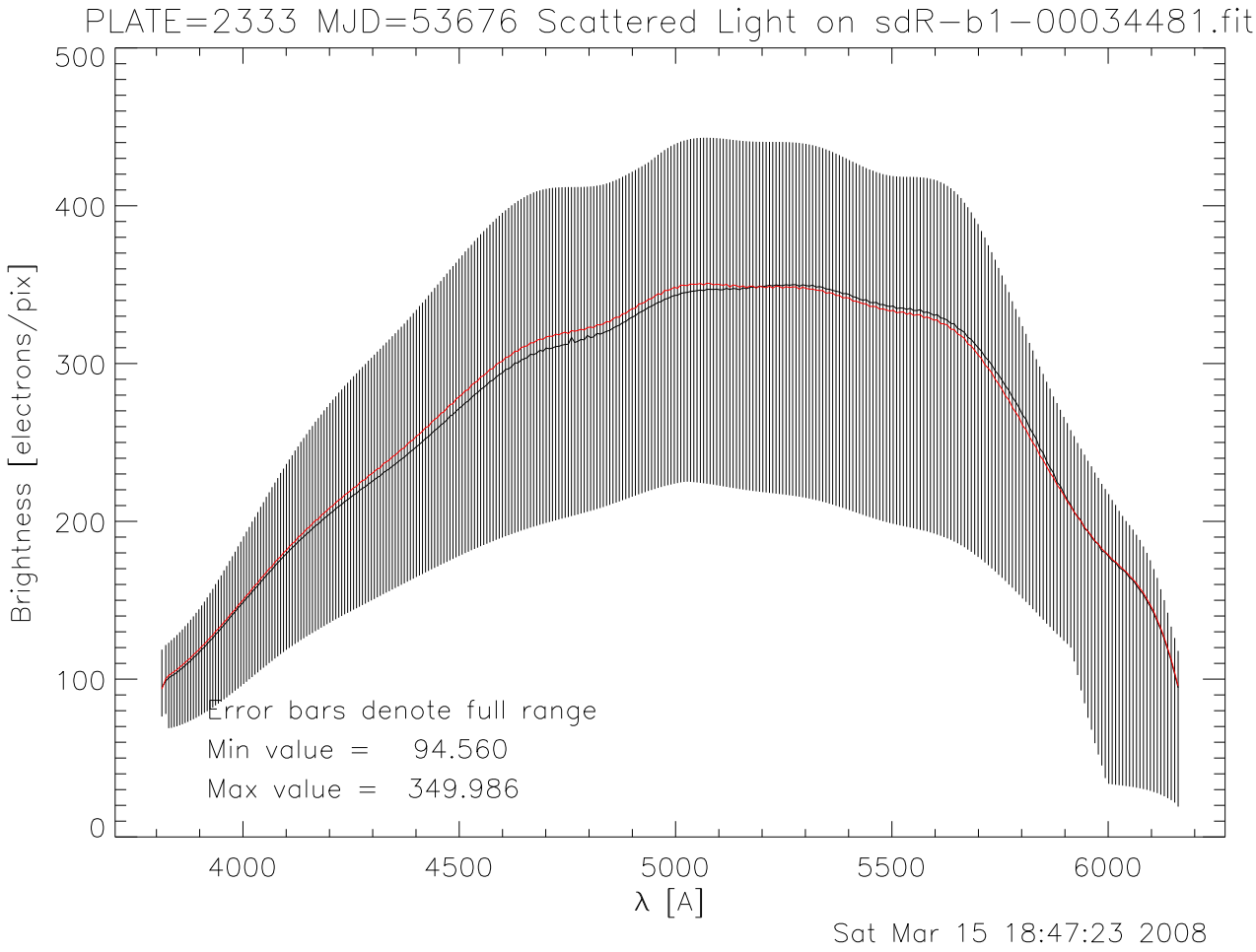

PLATE=2333 MJD=53676 Arcline Fit for sdR-b1-00034492.fit
Fiber Number
300
250
200
150
100
50
0
4000
4500
5000
5500
6000
λ [A] + 500 * Deviation
Deviation [pix]
0.10
0.05
0.00
−0.05
−0.10
4000
4500
5000
5500
6000
λ [A]
Sat Mar 15 18:42:51 2008

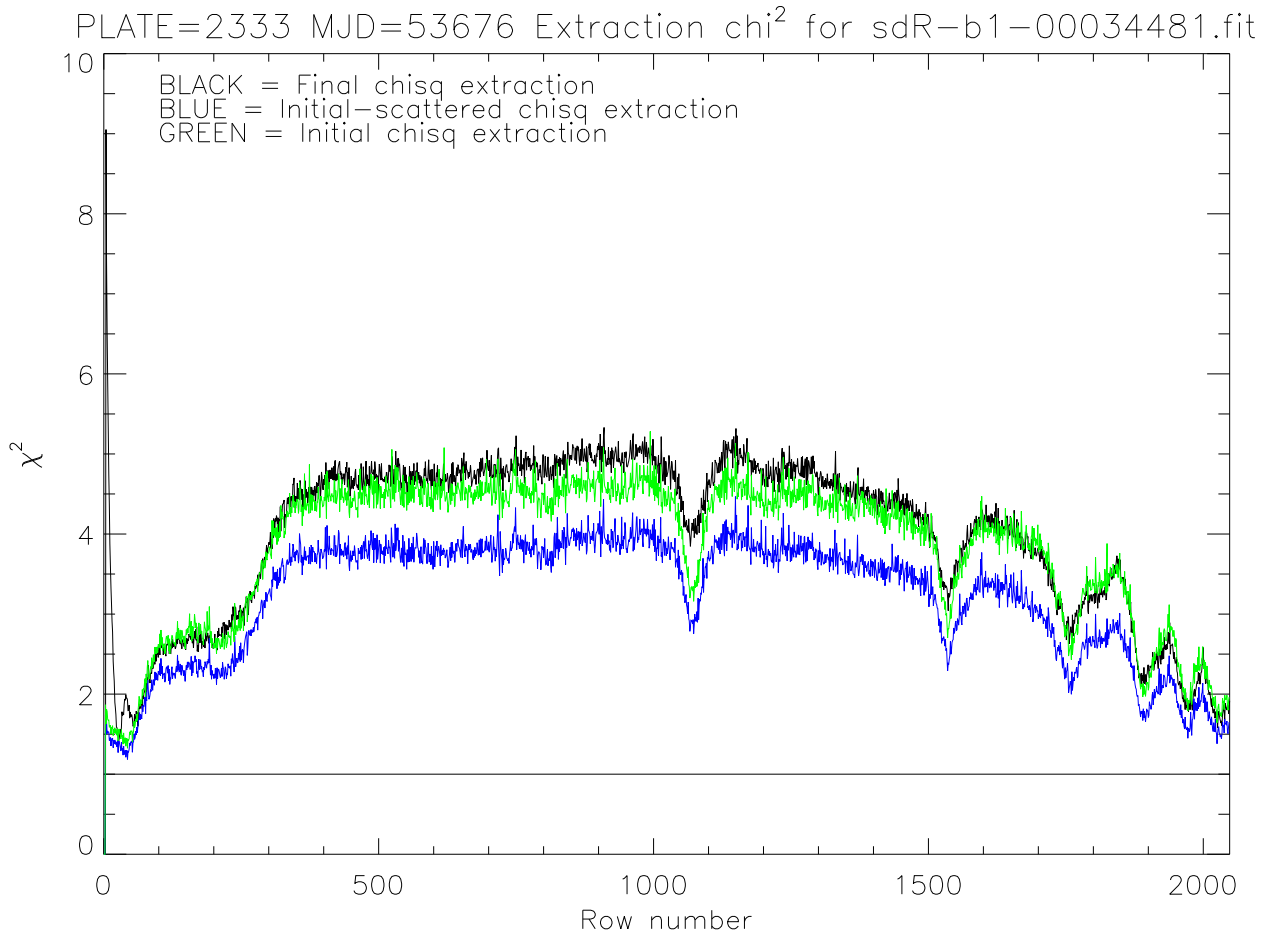

PLATE=2333 MJD=53676 Fiber-Flats for sdR-b1-00034491.fit
BLACK = Median value
ENVELOPE = 1% to 99% range
GREEN = Outlier points
Min value = 0.022
Max value = 2.683
Fiber-Flat
1.5
1.0
0.5
0.0
4000
4500
5000
5500
6000
λ [A]
Sat Mar 15 18:43:42 2008

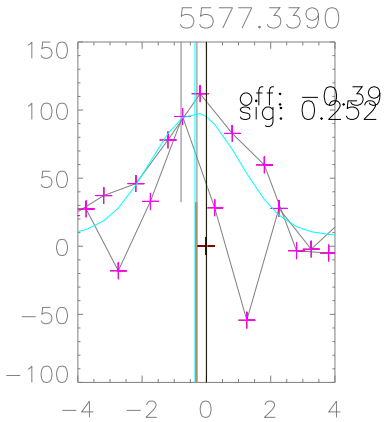

PLATE=2333 MJD=53676 Scattered Light before halo removal on sdR−b1−00034481.f
Y [pix]
X [pix]
0
500
1000
1500
2000
164
273
382
491

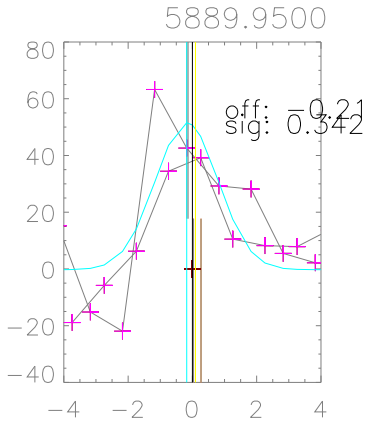

PLATE=2333 MJD=53676 Scattered Light before halo removal on sdR−b1−00034481.f
Brightness [electrons/pix]
λ [A]
Error bars denote full range
Min value = 113.456
Max value = 394.474
Sat Mar 15 18:44:30 2008

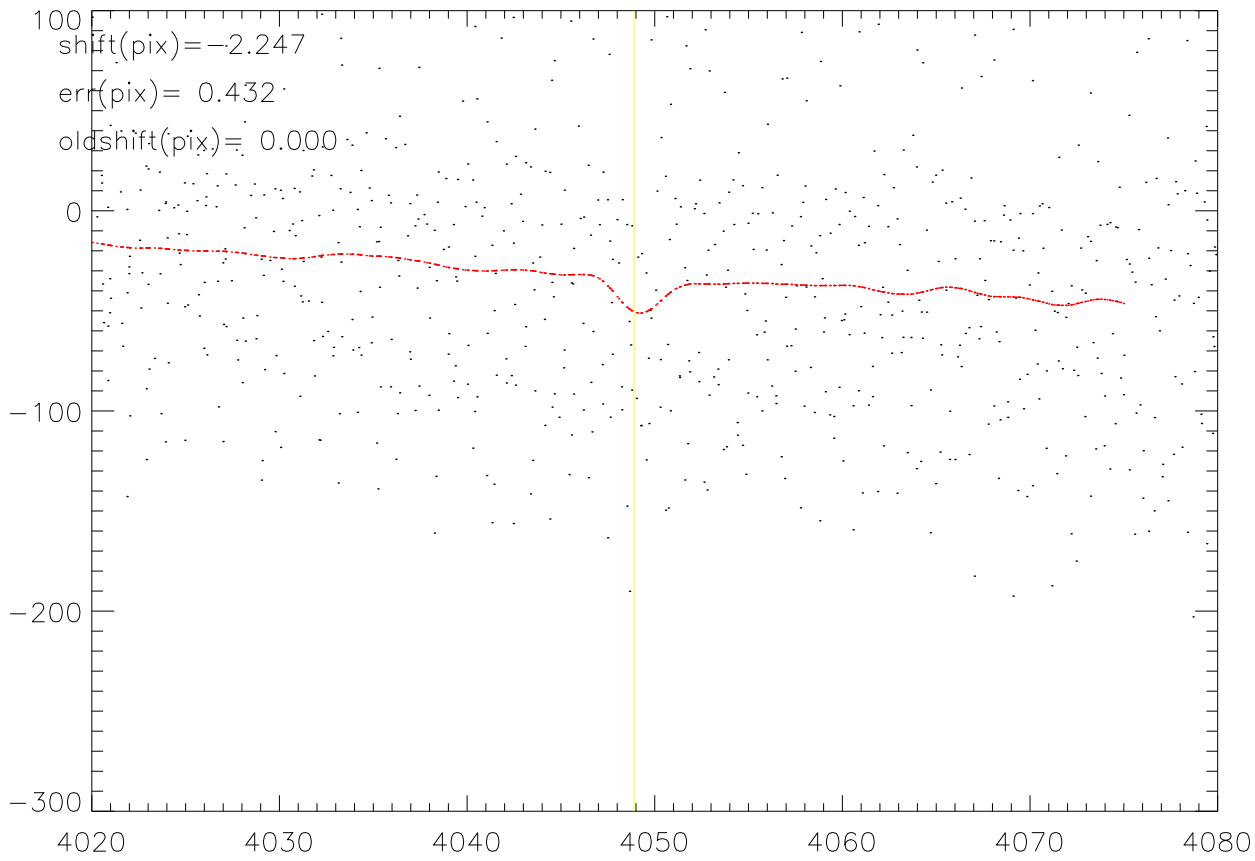

PLATE=2333 MJD=53676 Scattered Light on sdR-b1-00034481.fit
Y [pix]
X [pix]
0
500
1000
1500
2000
136
227
318
409

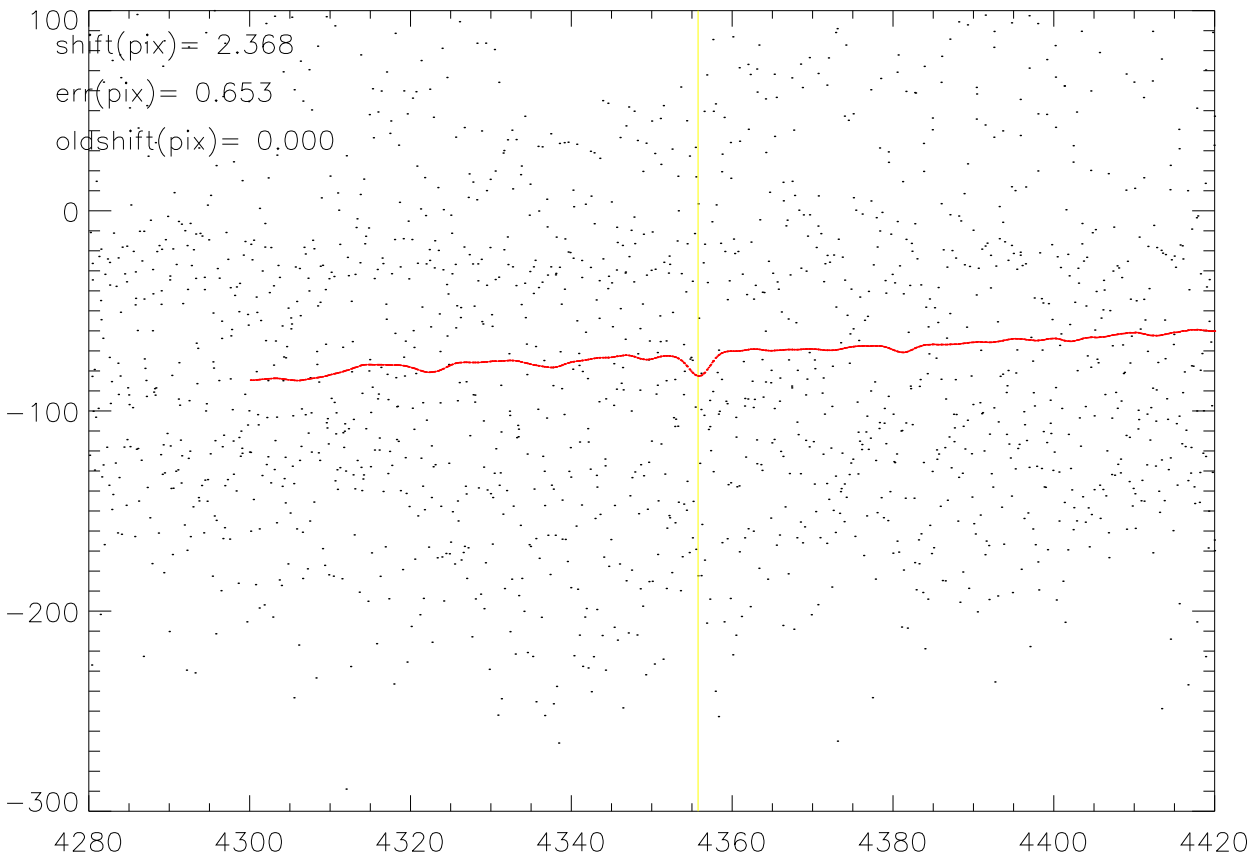

PLATE=2333 MJD=53676 Scattered Light on sdR-b1-00034481.fit
Brightness [electrons/pix]
500
400
300
200
100
0
4000
4500
5000
5500
6000
λ [A]
Error bars denote full range
Min value = 94.560
Max value = 349.986
Sat Mar 15 18:47:23 2008

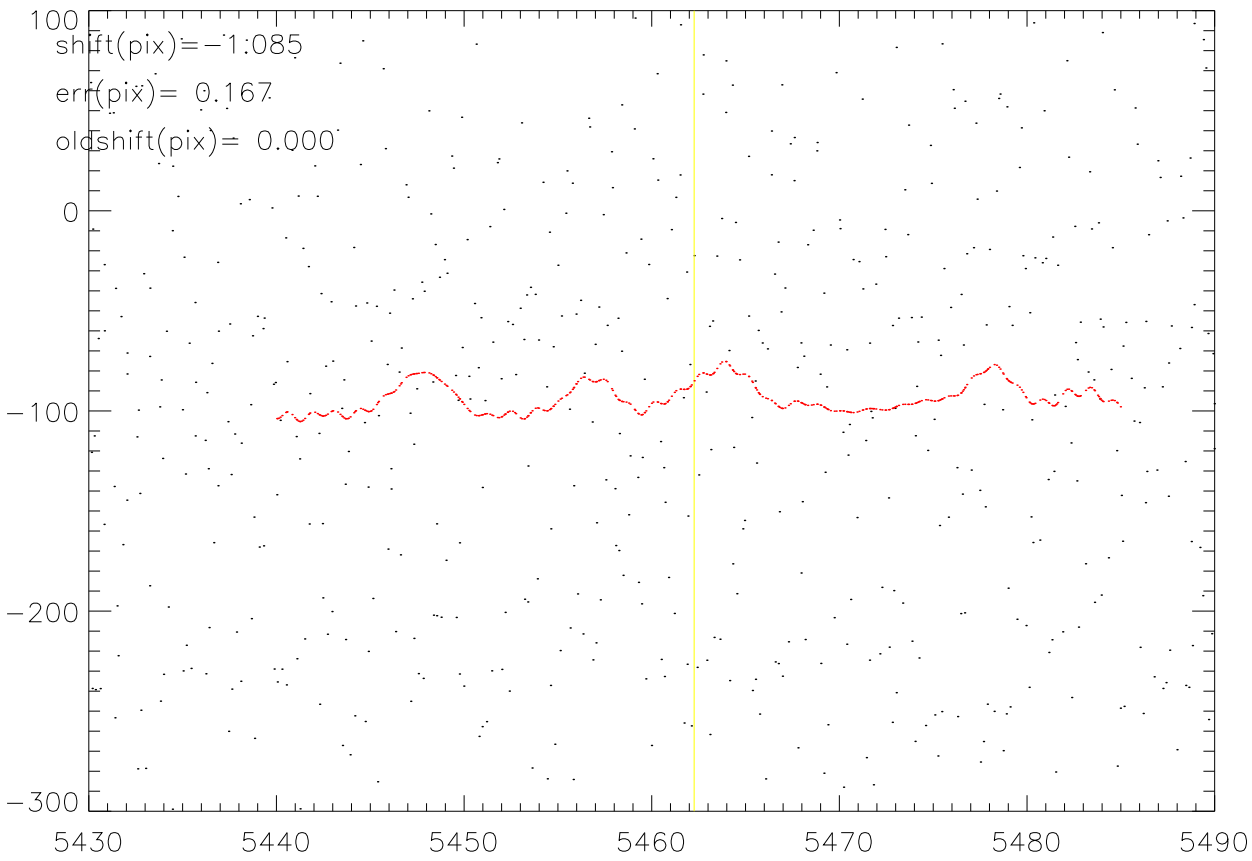

PLATE=2333 MJD=53676 Extraction chi^2 for sdR-b1-00034481.fit
BLACK = Final chisq extraction
BLUE = Initial-scattered chisq extraction
GREEN = Initial chisq extraction
χ^2
Row number
0
2
4
6
8
10
0
500
1000
1500
2000

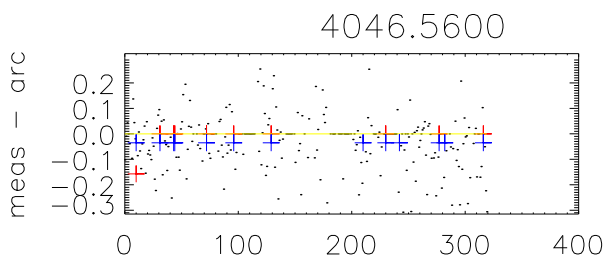

5577.3390
off: −0.39
sig: 0.252
150
100
50
0
−50
−100
−4
−2
0
2
4

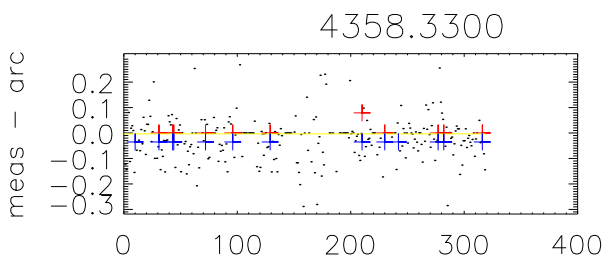

5889.9500
off: −0.21
sig: 0.342
80
60
40
20
0
−20
−40
−4
−2
0
2
4

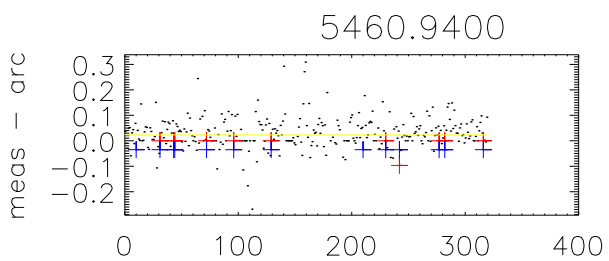

shift(pix)=−2.247
err(pix)= 0.432
oldshift(pix)= 0.000
100
0
−100
−200
−300
4020
4030
4040
4050
4060
4070
4080

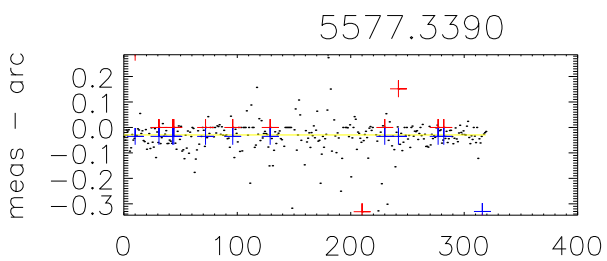

shift(pix)= 2.368
err(pix)= 0.653
oldshift(pix)= 0.000
100
0
−100
−200
−300
4280
4300
4320
4340
4360
4380
4400
4420

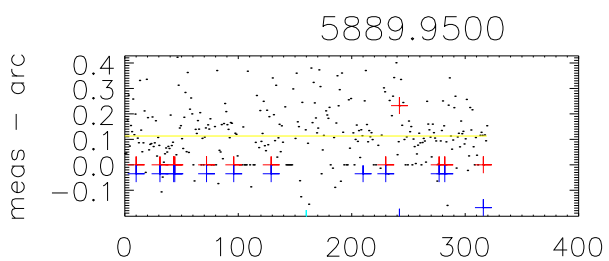

shift(pix)=−1.085
err(pix)= 0.167
oldshift(pix)= 0.000
100
0
−100
−200
−300
5430
5440
5450
5460
5470
5480
5490

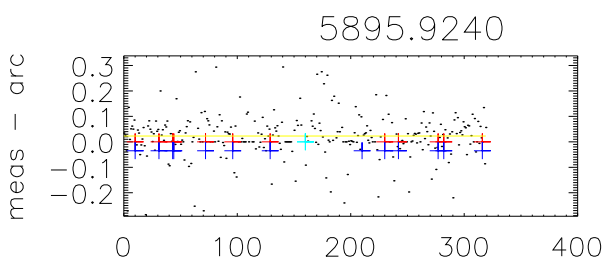

4046.5600
meas − arc
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
100
200
300
400


4358.3300
meas − arc
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
100
200
300
400


5460.9400
meas − arc
0.3
0.2
0.1
0.0
−0.1
−0.2
0
100
200
300
400


5577.3390
meas − arc
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
100
200
300
400


5889.9500
meas − arc
0.4
0.3
0.2
0.1
0.0
−0.1
0
100
200
300
400


5895.9240
meas − arc
0.3
0.2
0.1
0.0
−0.1
−0.2
0
100
200
300
400