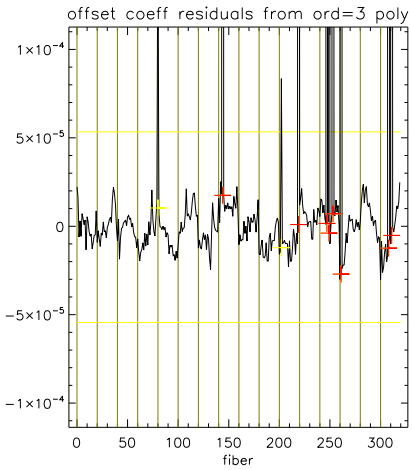
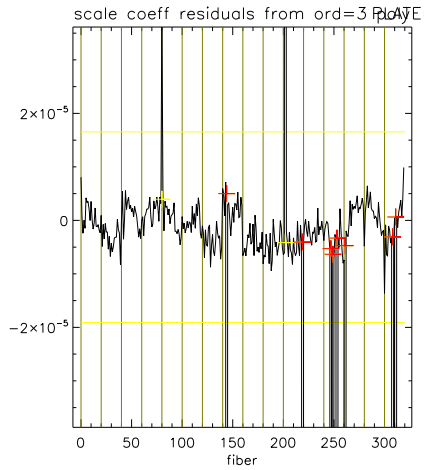
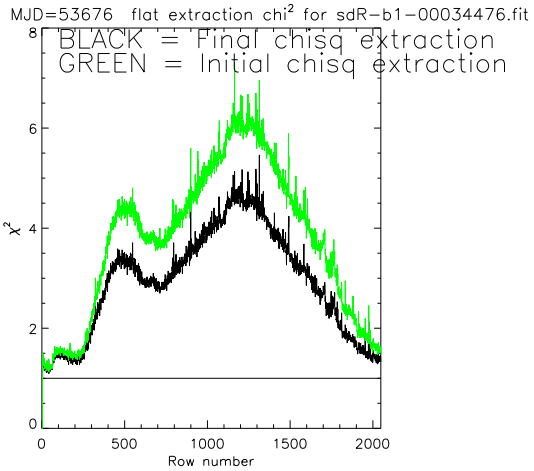
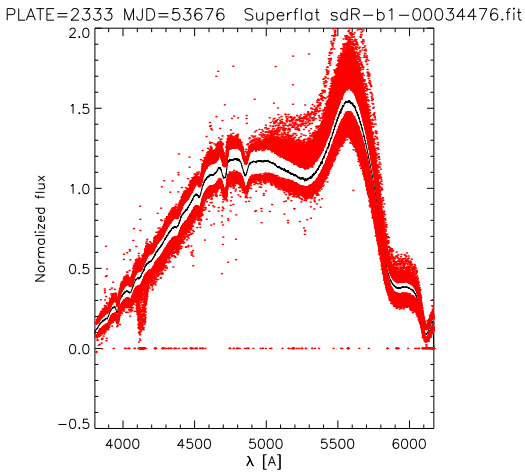
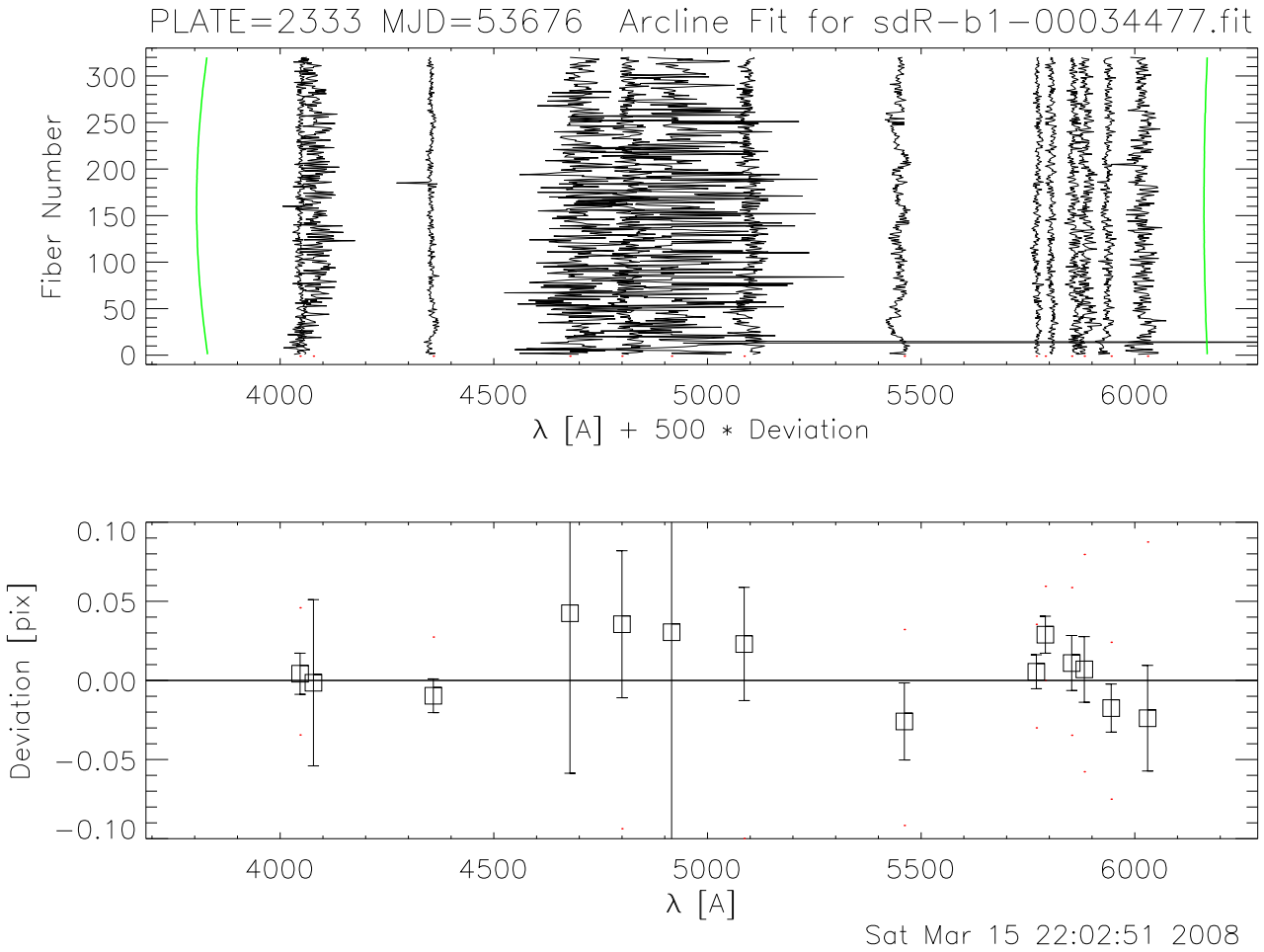
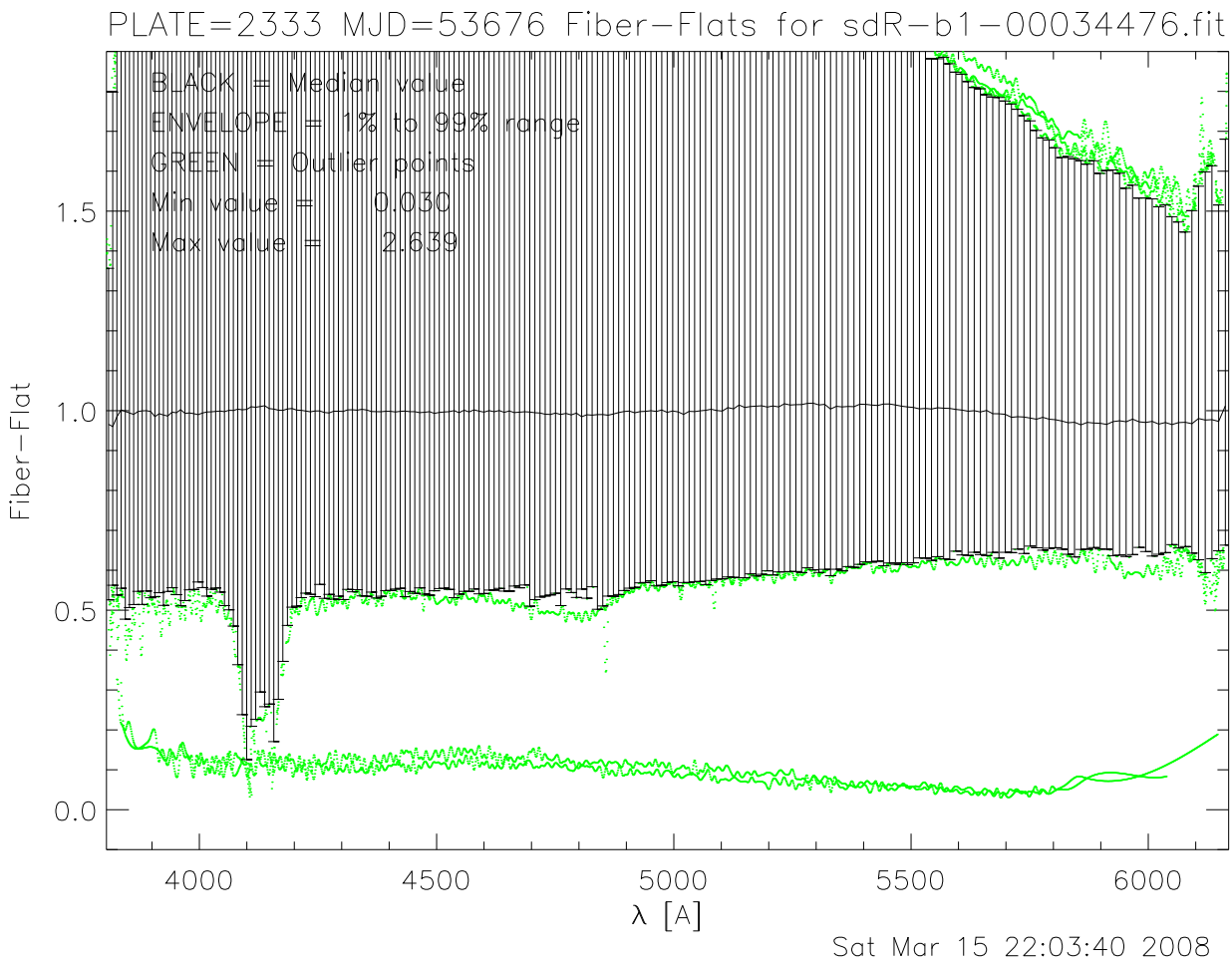

offset coeff residuals from ord=3 poly
1×10⁻⁴
5×10⁻⁵
0
−5×10⁻⁵
−1×10⁻⁴
0 50 100 150 200 250 300
fiber

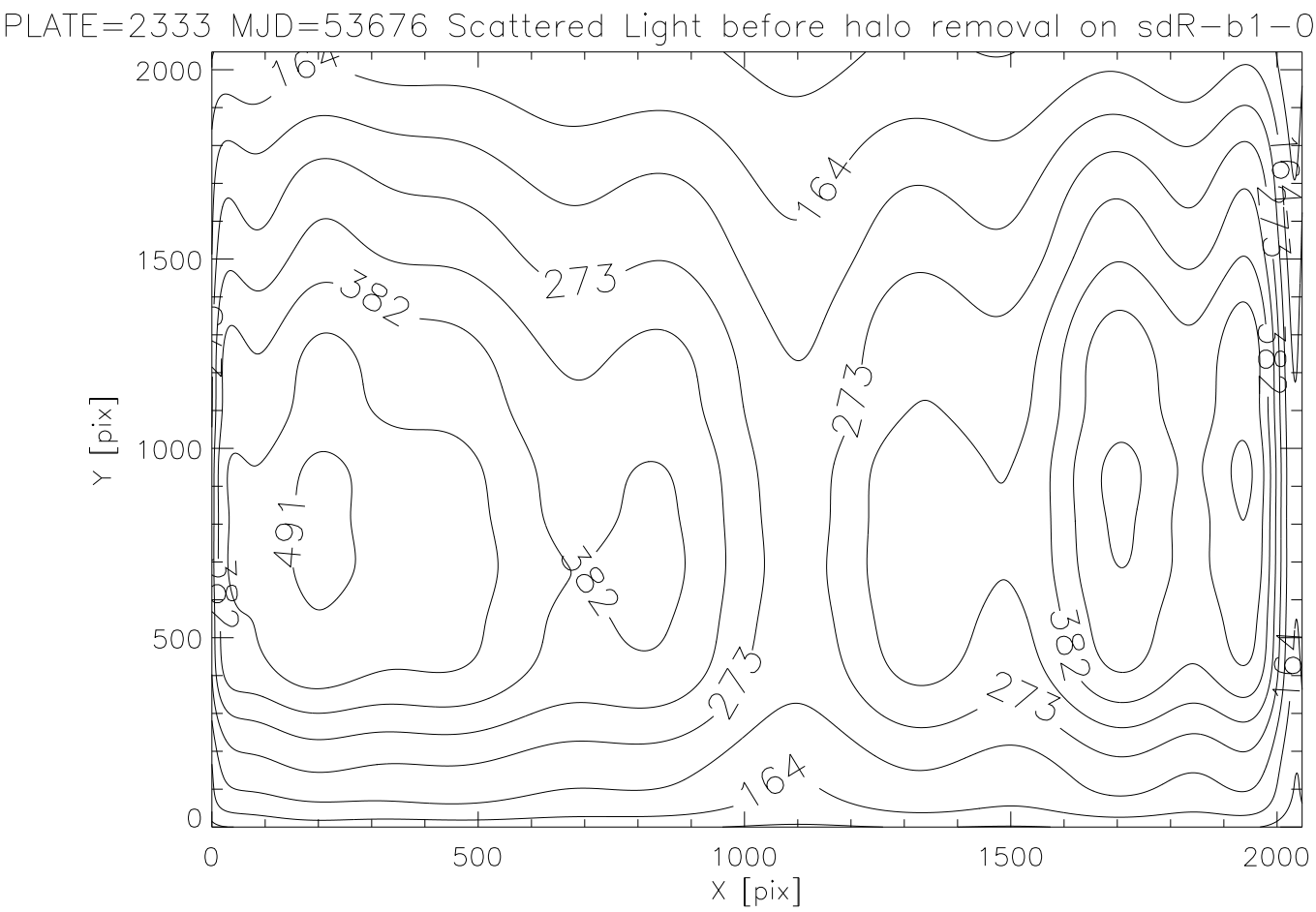

scale coeff residuals from ord=3 poly
2×10⁻⁵
0
−2×10⁻⁵
0 50 100 150 200 250 300
fiber

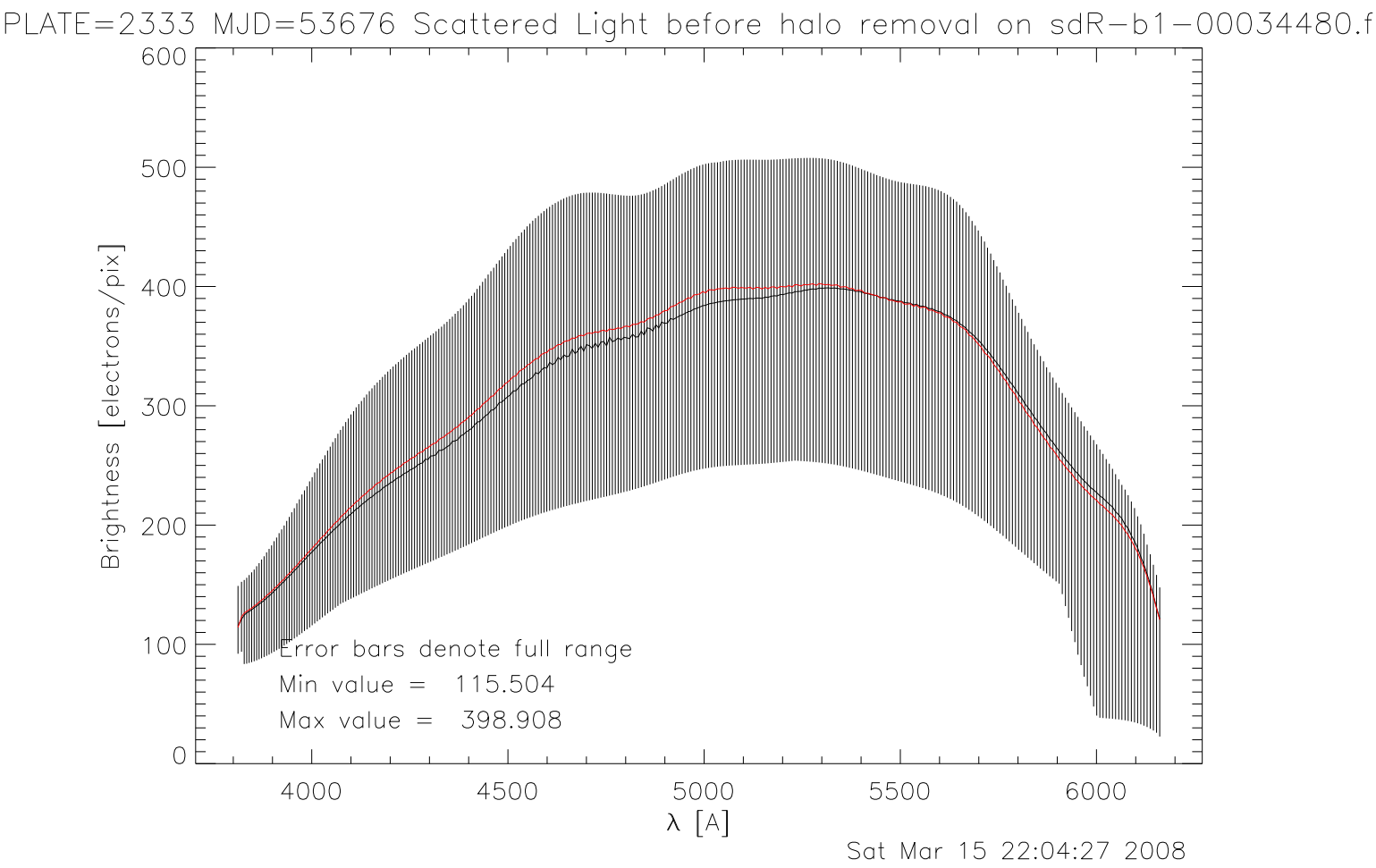

PLATE=2333 MJD=53676 flat extraction chi² for sdR-b1-00034476.fit
BLACK = Final chisq extraction
GREEN = Initial chisq extraction
χ²
0 2 4 6 8
0 500 1000 1500 2000
Row number

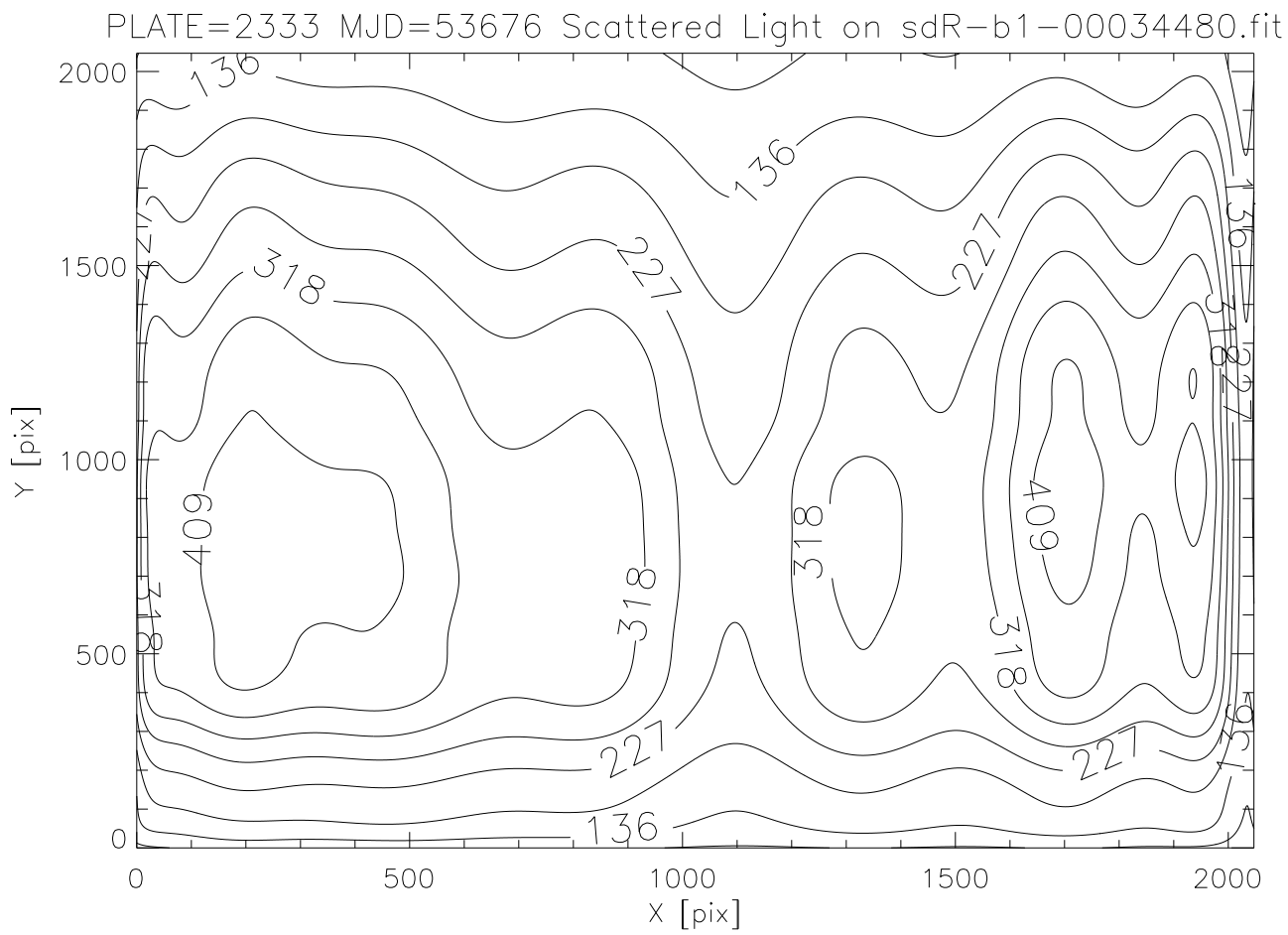

PLATE=2333 MJD=53676 Superflat sdR-b1-00034476.fit
Normalized flux
2.0
1.5
1.0
0.5
0.0
−0.5
4000 4500 5000 5500 6000
λ [A]

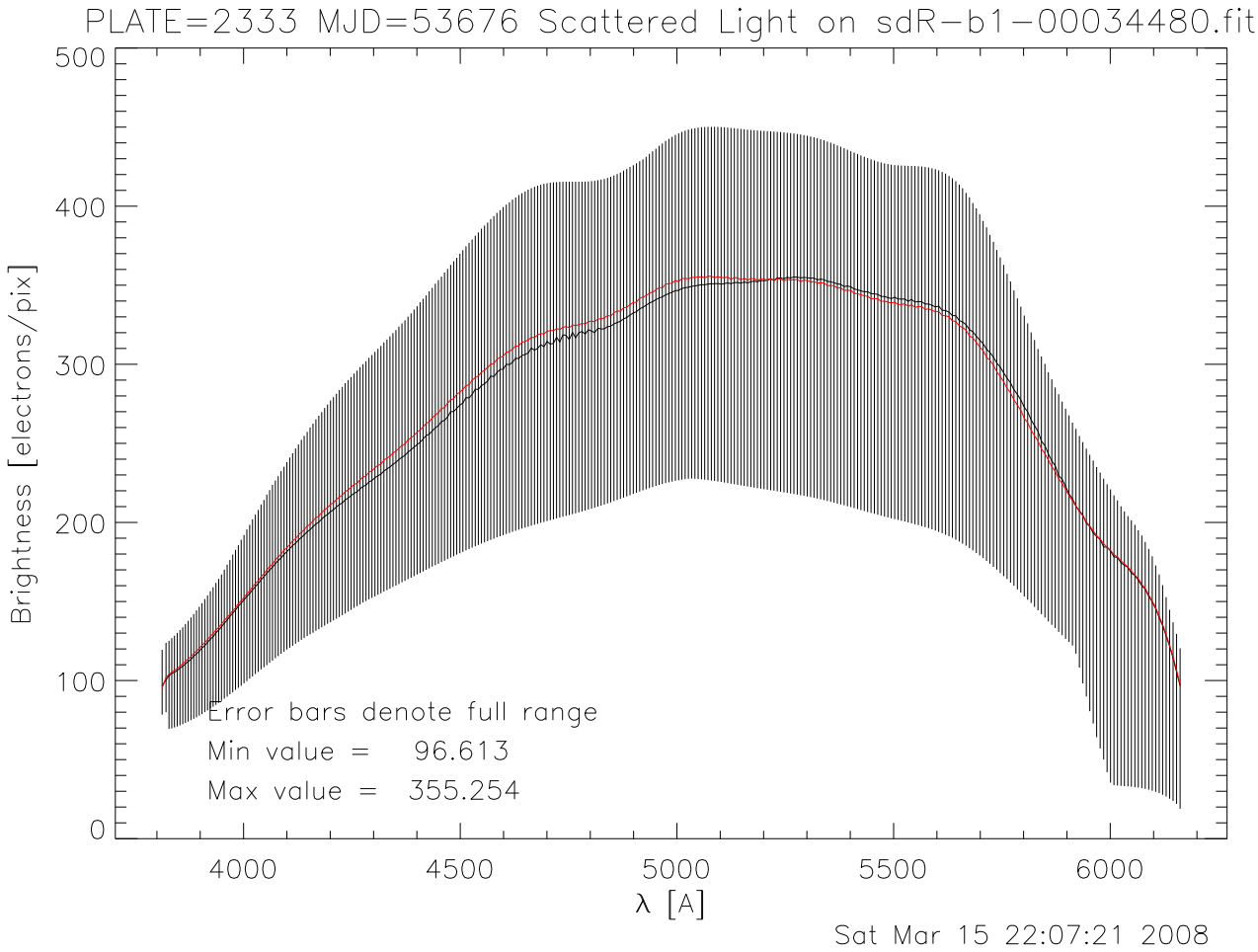

PLATE=2333 MJD=53676 Arcline Fit for sdR-b1-00034477.fit
Fiber Number
300
250
200
150
100
50
0
4000
4500
5000
5500
6000
λ [A] + 500 * Deviation
Deviation [pix]
0.10
0.05
0.00
−0.05
−0.10
4000
4500
5000
5500
6000
λ [A]
Sat Mar 15 22:02:51 2008

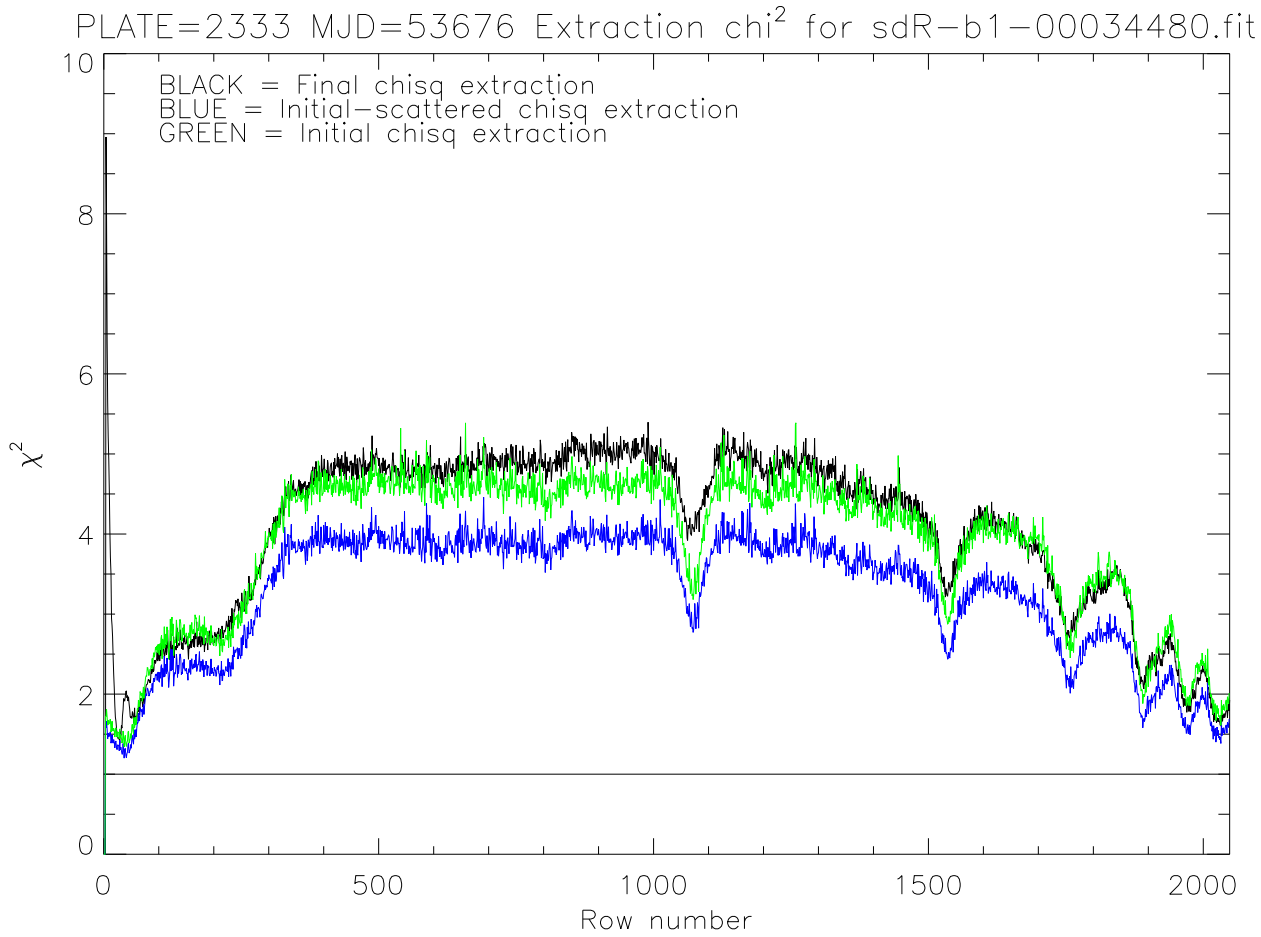

PLATE=2333 MJD=53676 Fiber-Flats for sdR-b1-00034476.fit
BLACK = Median value
ENVELOPE = 1% to 99% range
GREEN = Outlier points
Min value = 0.030
Max value = 2.639
Fiber-Flat
1.5
1.0
0.5
0.0
4000
4500
5000
5500
6000
λ [A]
Sat Mar 15 22:03:40 2008

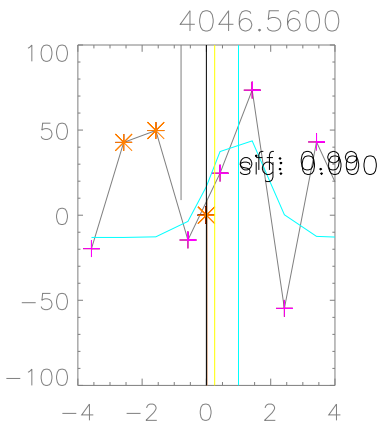

PLATE=2333 MJD=53676 Scattered Light before halo removal on sdR−b1−00034480.f
Y [pix]
X [pix]
0
500
1000
1500
2000
164
273
382
491

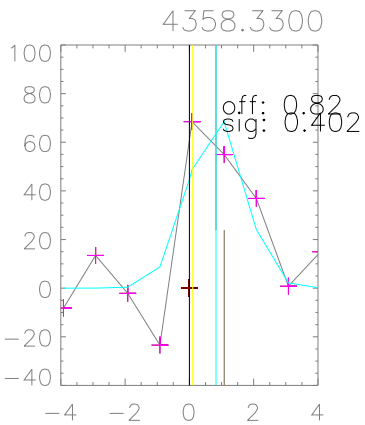

PLATE=2333 MJD=53676 Scattered Light before halo removal on sdR-b1-00034480.f
Brightness [electrons/pix]
600
500
400
300
200
100
0
4000
4500
5000
5500
6000
λ [A]
Error bars denote full range
Min value = 115.504
Max value = 398.908
Sat Mar 15 22:04:27 2008

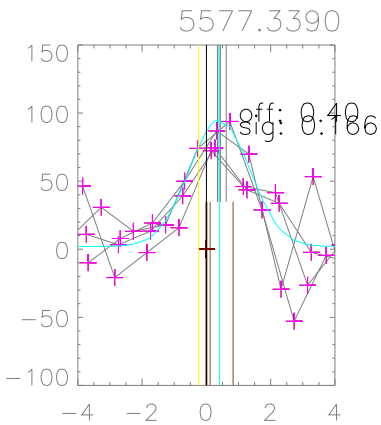

PLATE=2333 MJD=53676 Scattered Light on sdR-b1-00034480.fit
Y [pix]
X [pix]
0
500
1000
1500
2000
136
227
318
409

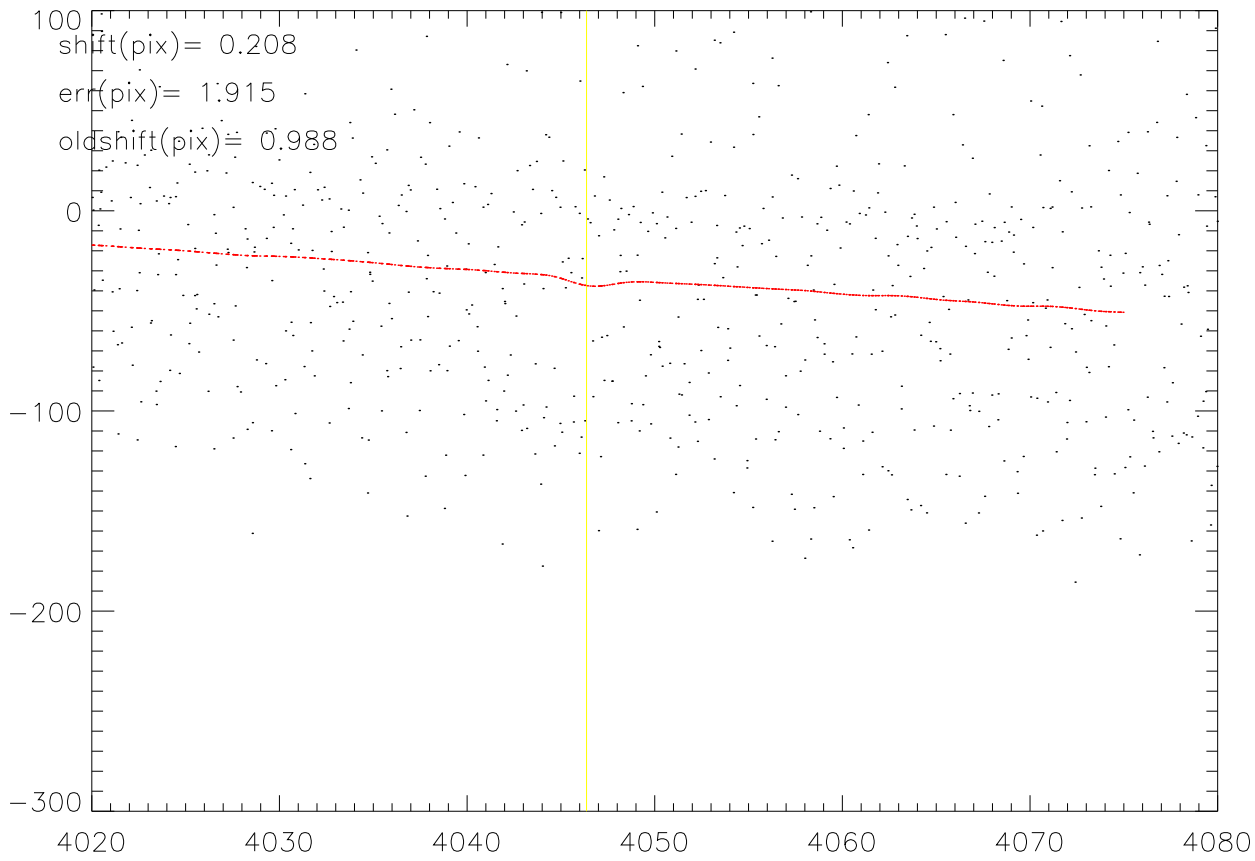

PLATE=2333 MJD=53676 Scattered Light on sdR-b1-00034480.fit
Brightness [electrons/pix]
500
400
300
200
100
0
4000
4500
5000
5500
6000
λ [A]
Error bars denote full range
Min value = 96.613
Max value = 355.254
Sat Mar 15 22:07:21 2008

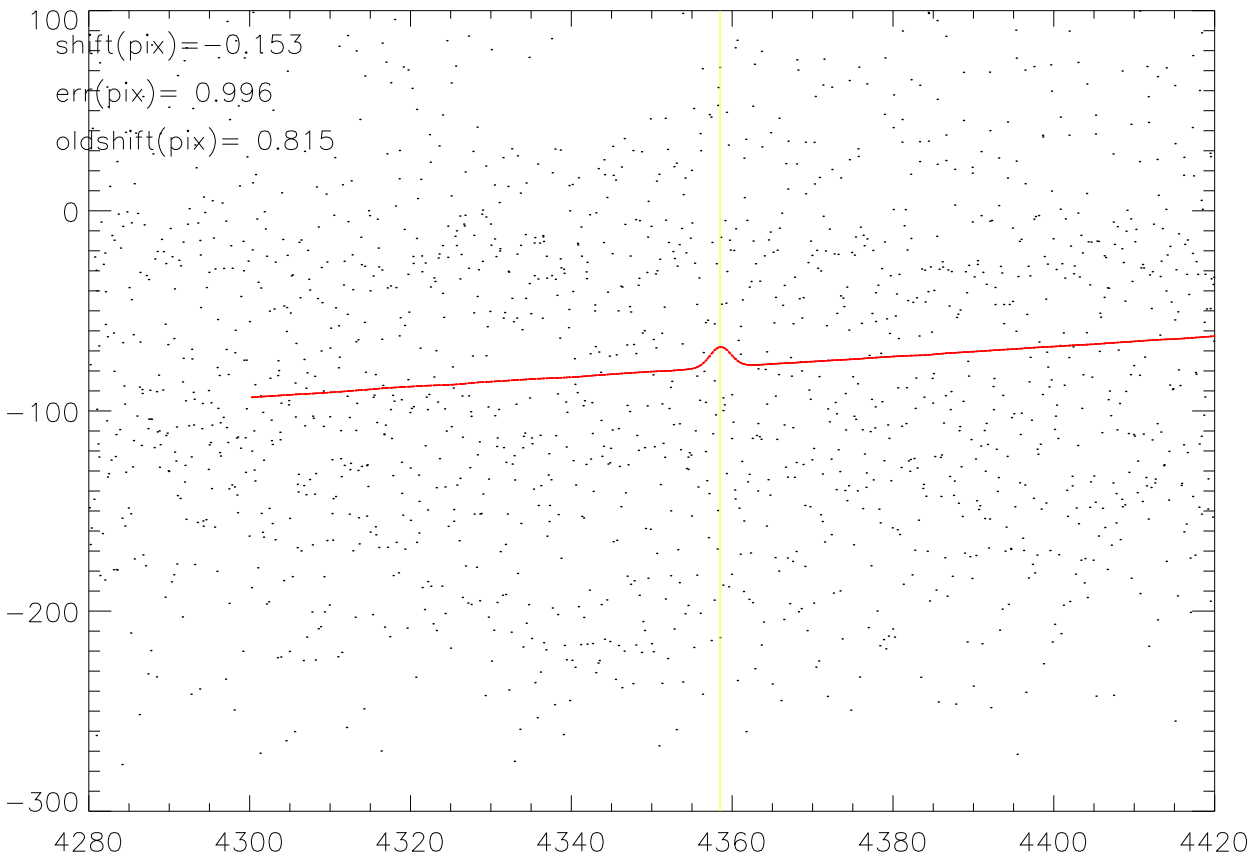

PLATE=2333 MJD=53676 Extraction chi^2 for sdR-b1-00034480.fit
BLACK = Final chisq extraction
BLUE = Initial-scattered chisq extraction
GREEN = Initial chisq extraction
χ^2
Row number
0
2
4
6
8
10
0
500
1000
1500
2000

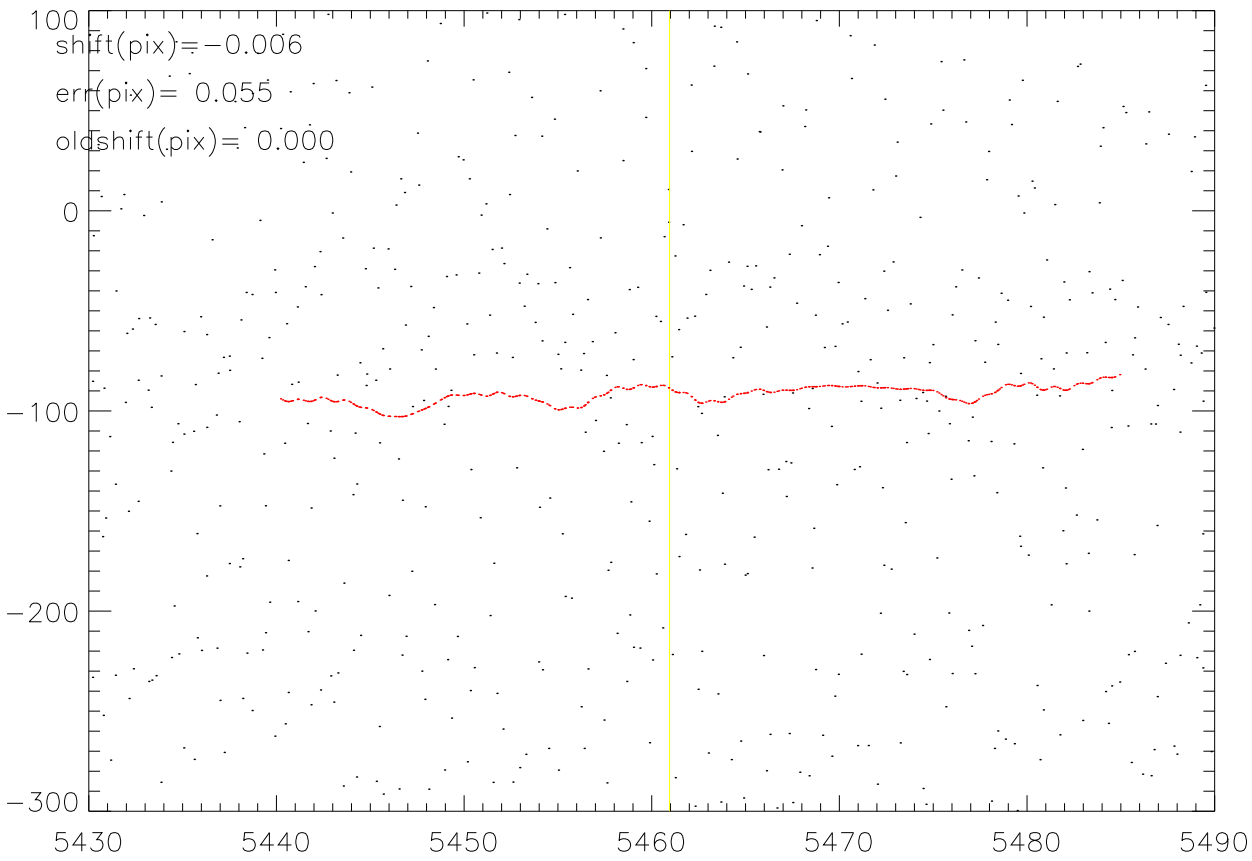

4046.5600
off: 0.00
sig: 0.090

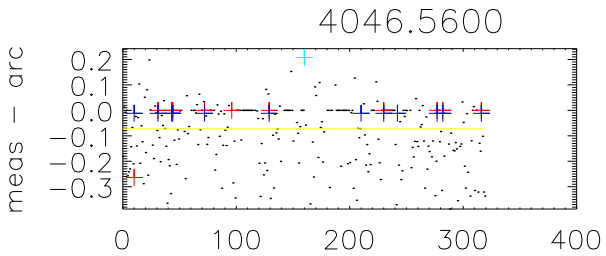

4358.3300
off: 0.82
sig: 0.402

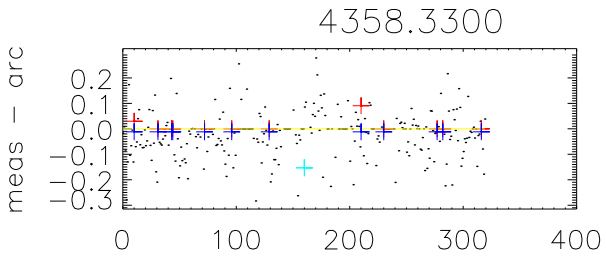

5577.3390
off: 0.40
sig: 0.166

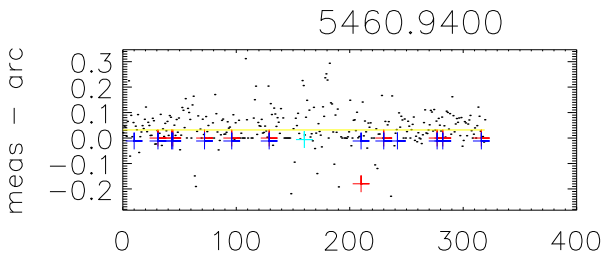

shift(pix)= 0.208
err(pix)= 1.915
oldshift(pix)= 0.988
100
0
−100
−200
−300
4020
4030
4040
4050
4060
4070
4080

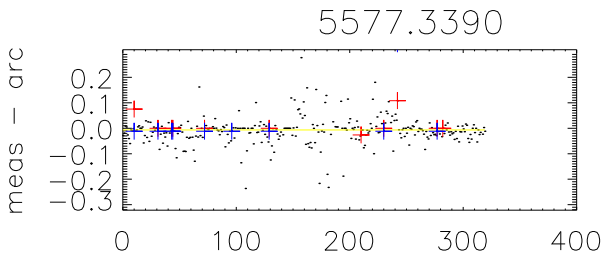

shift(pix)=−0.153
err(pix)= 0.996
oldshift(pix)= 0.815
100
0
−100
−200
−300
4280
4300
4320
4340
4360
4380
4400
4420

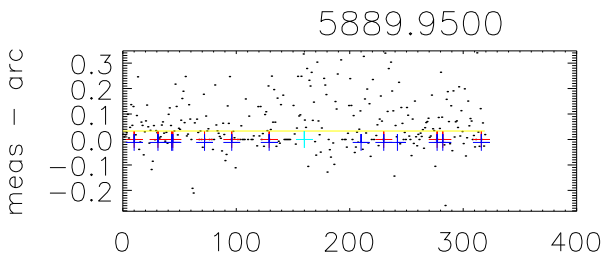

shift(pix)=−0.006
err(pix)= 0.055
oldshift(pix)= 0.000
100
0
−100
−200
−300
5430
5440
5450
5460
5470
5480
5490

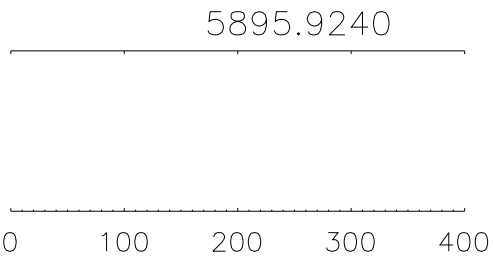

4046.5600
meas − arc
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
100
200
300
400


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
0.3
0.2
0.1
0.0
−0.1
−0.2
0
100
200
300
400


5895.9240
0
100
200
300
400