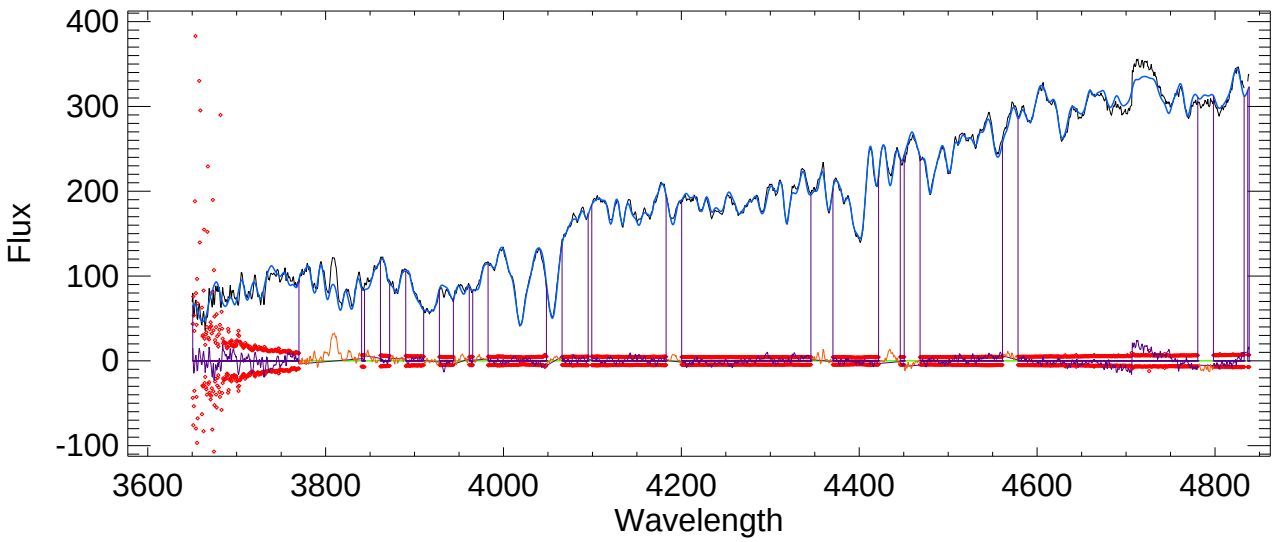
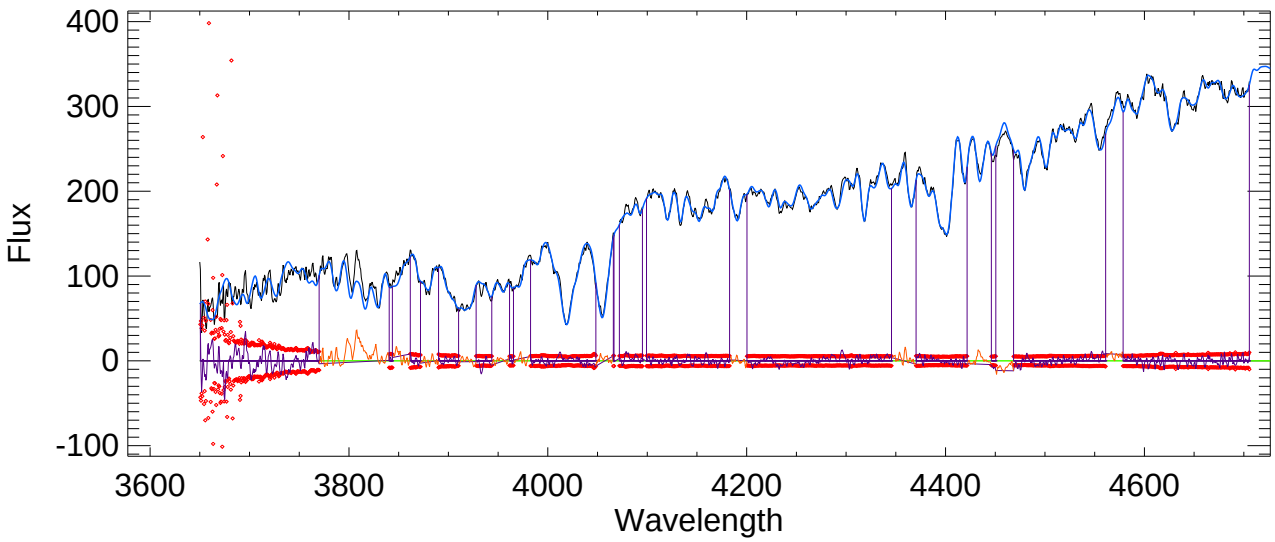
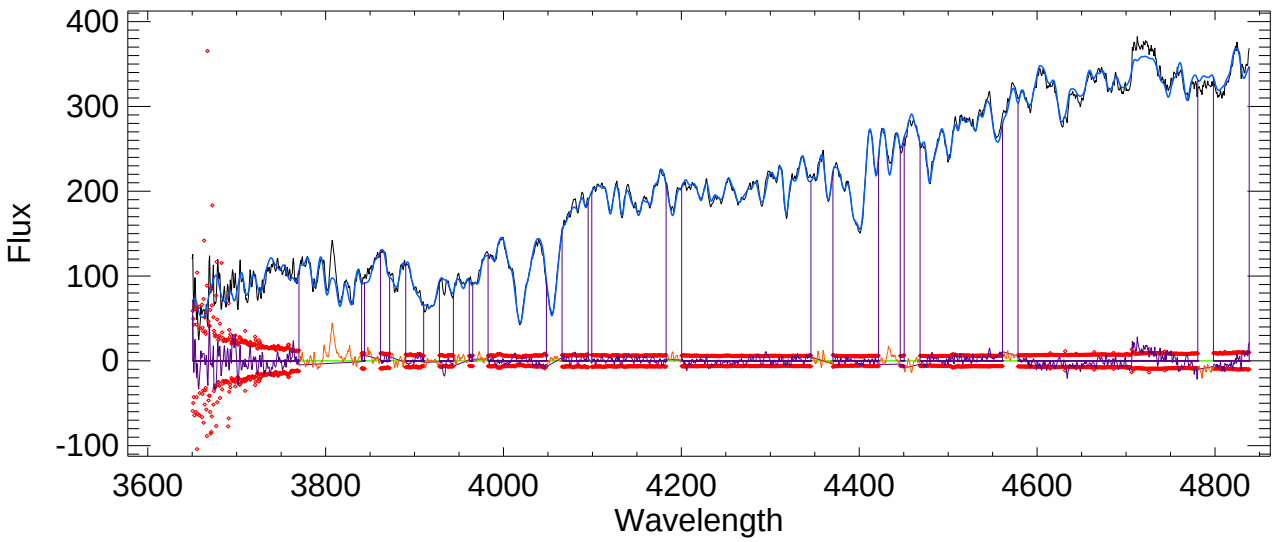
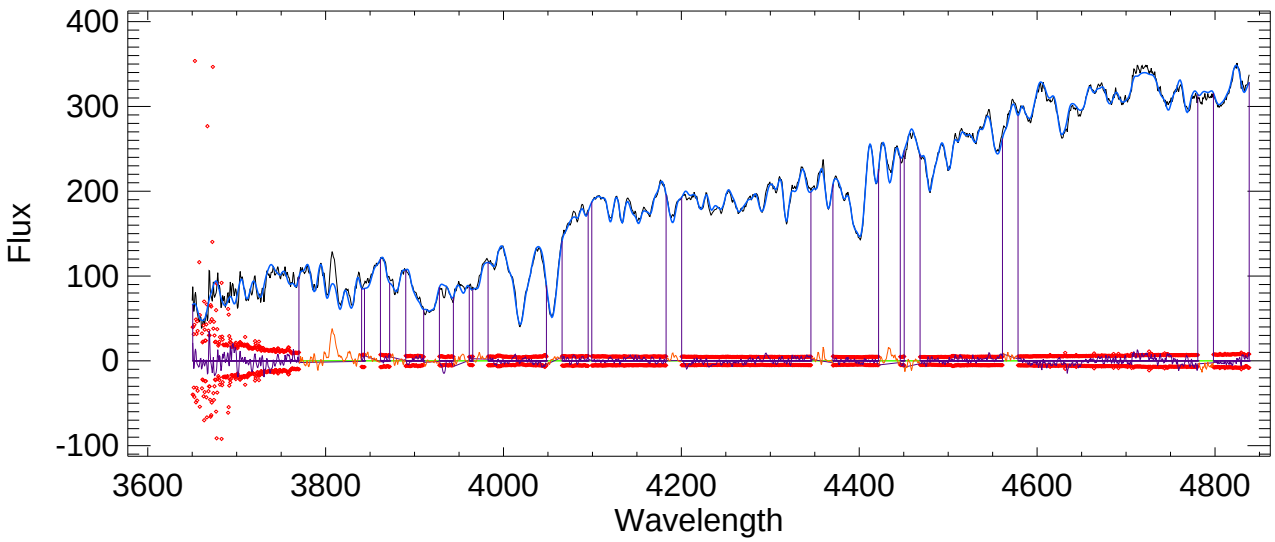
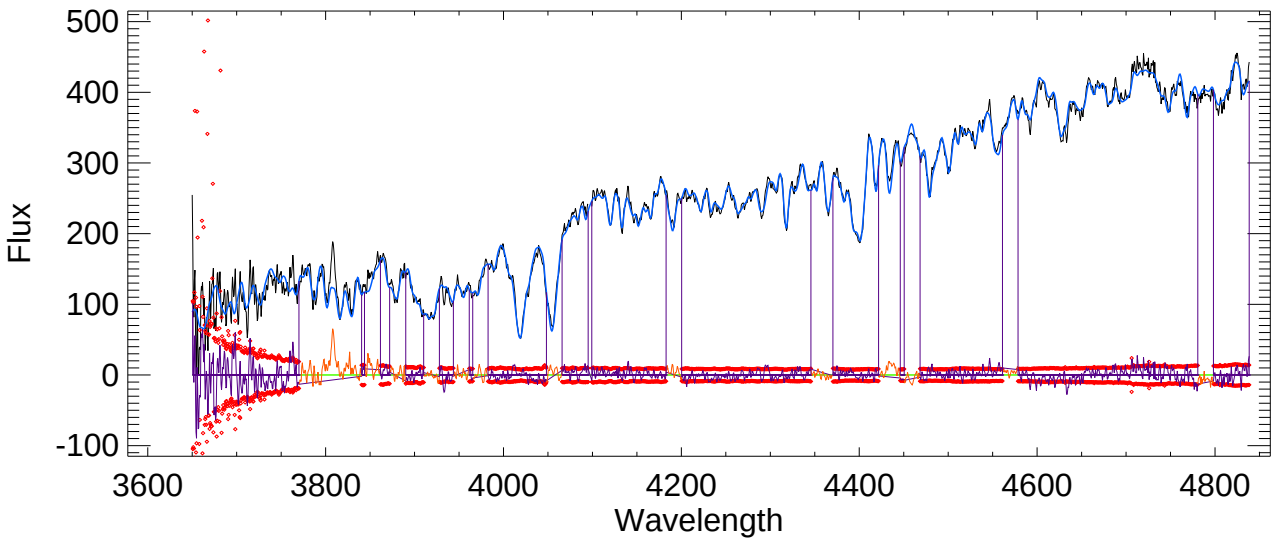
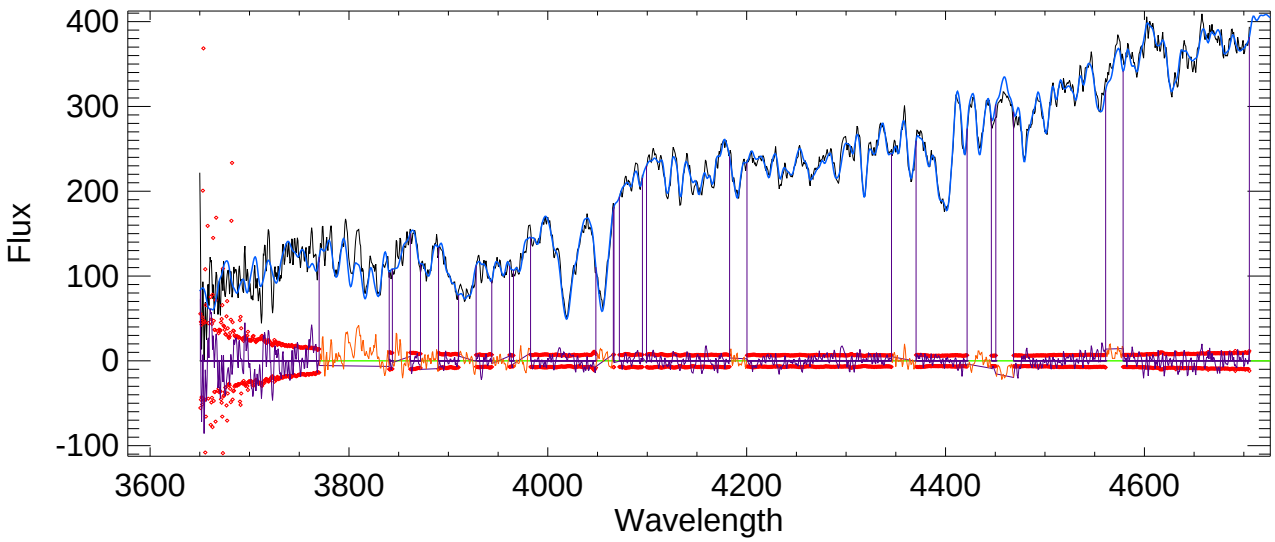

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

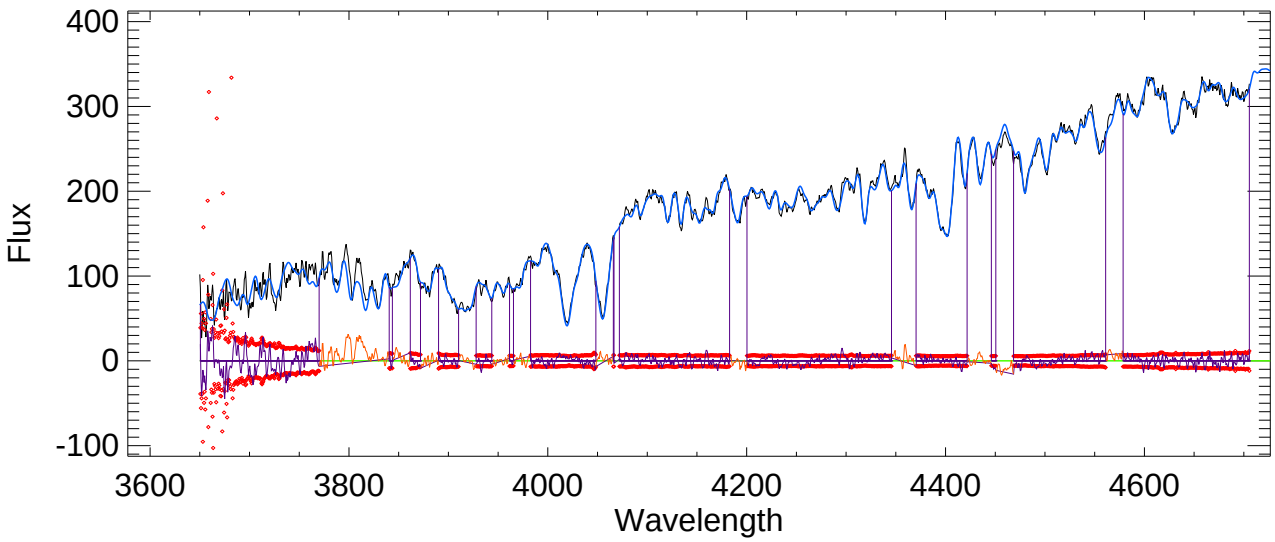

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
Wavelength

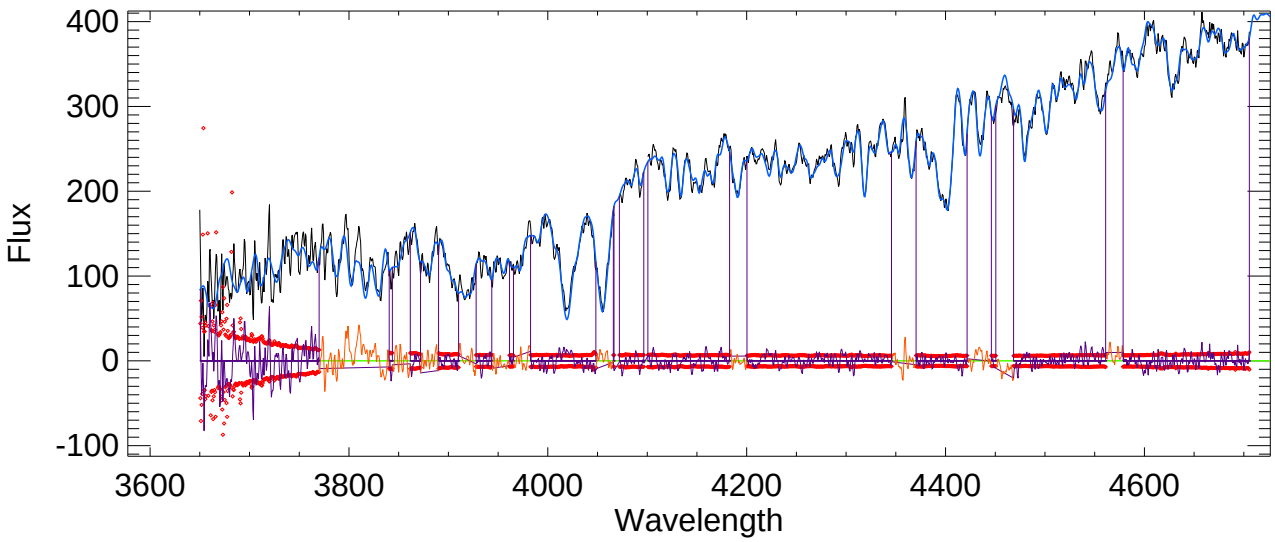

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

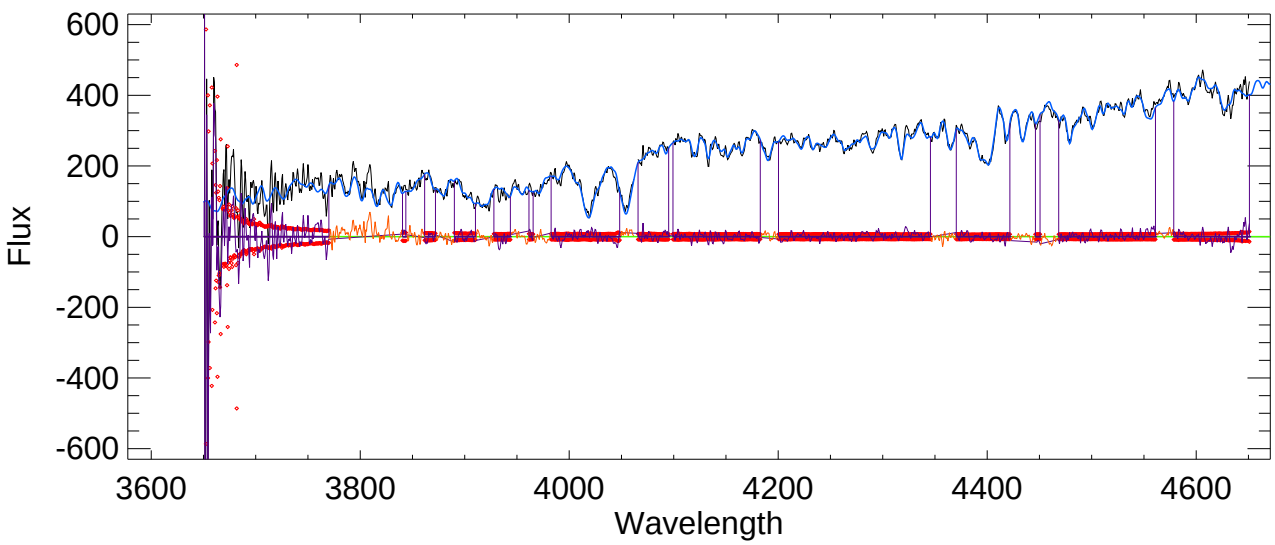

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

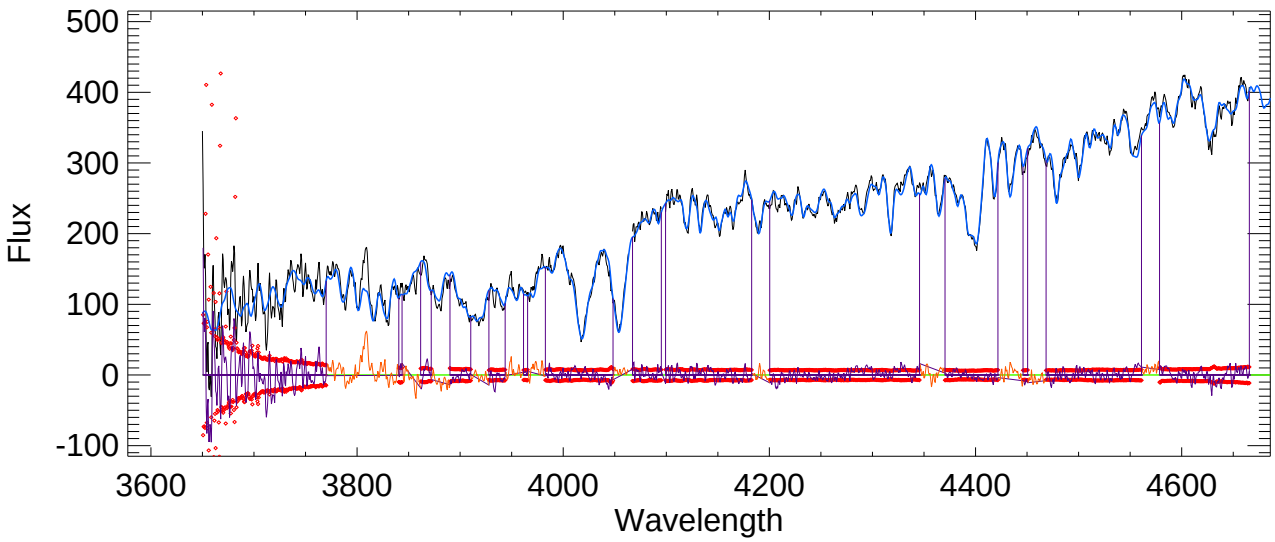

500
400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

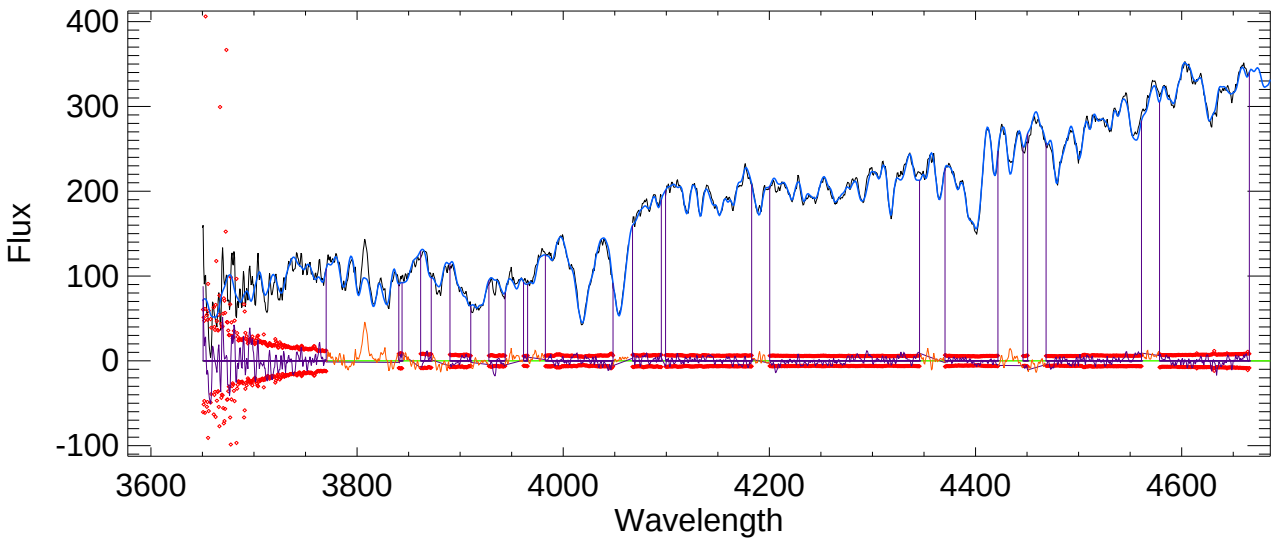

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
Wavelength

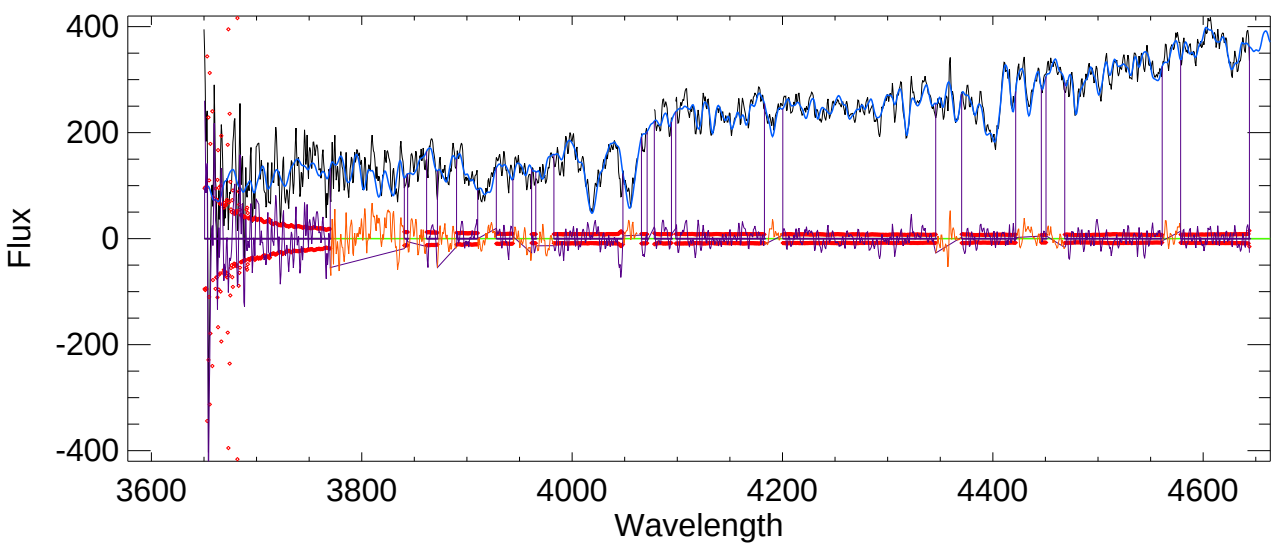

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
Wavelength

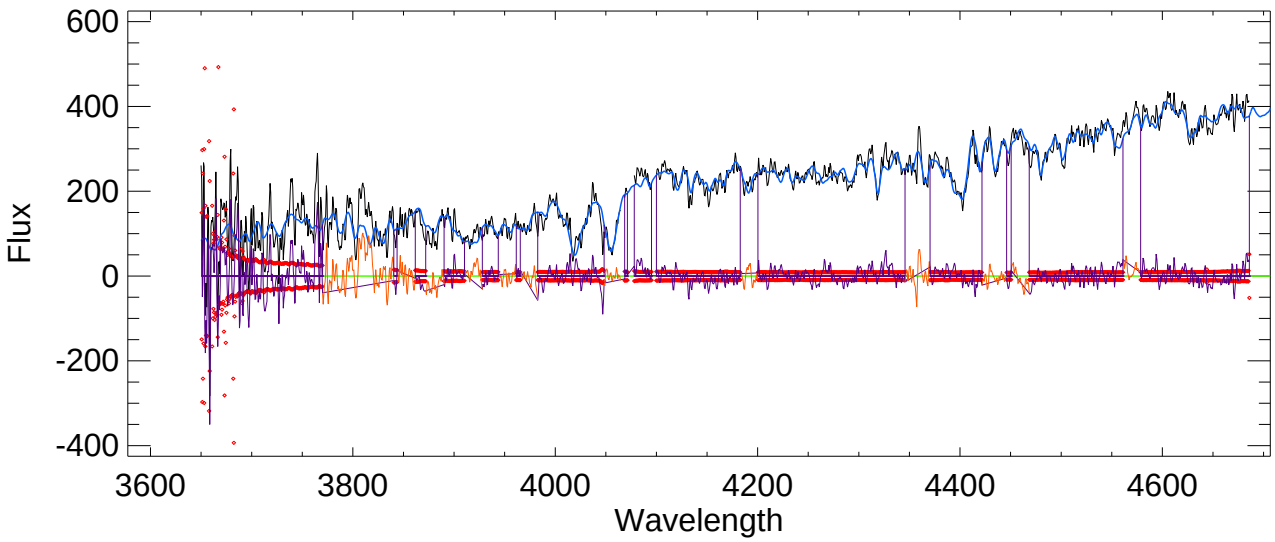

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
Wavelength

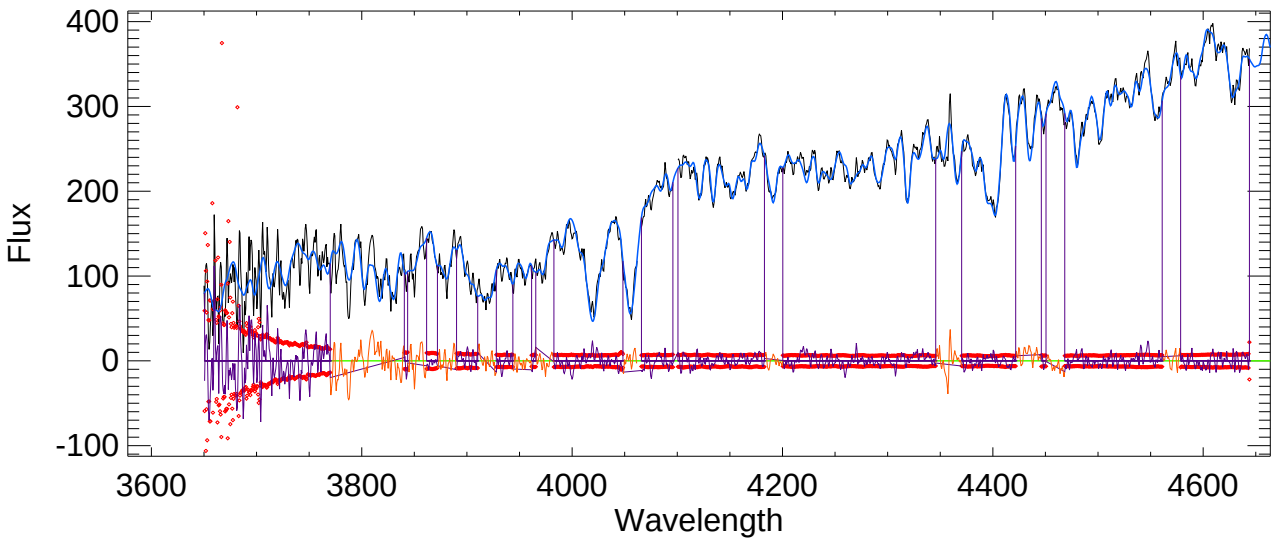

600
400
200
0
-200
-400
-600
Flux
3600
3800
4000
4200
4400
4600
Wavelength

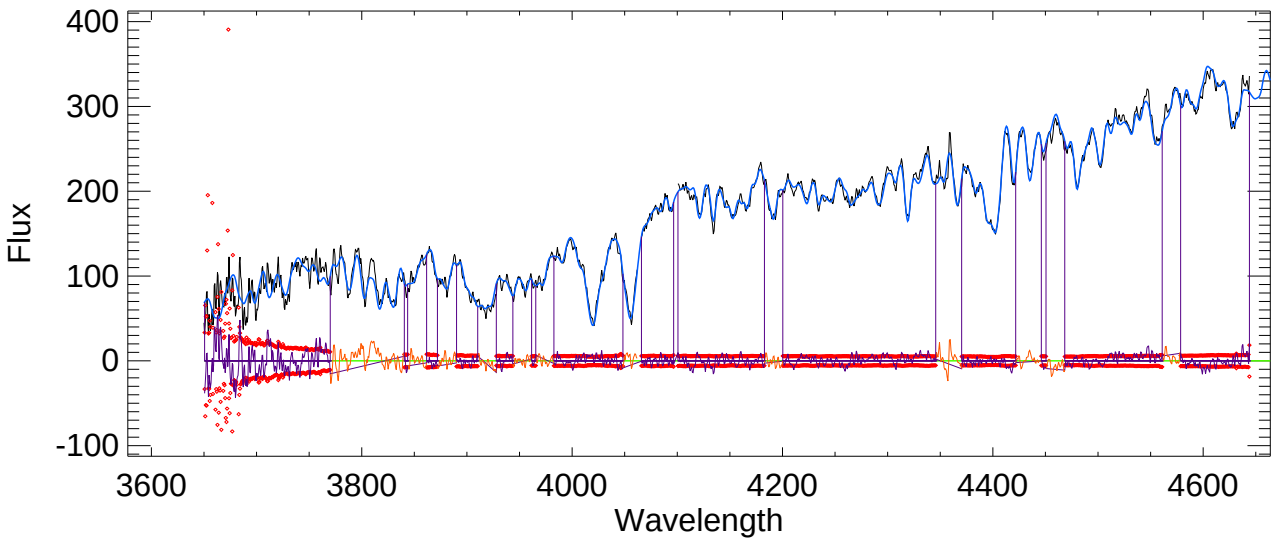

500
400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
Wavelength

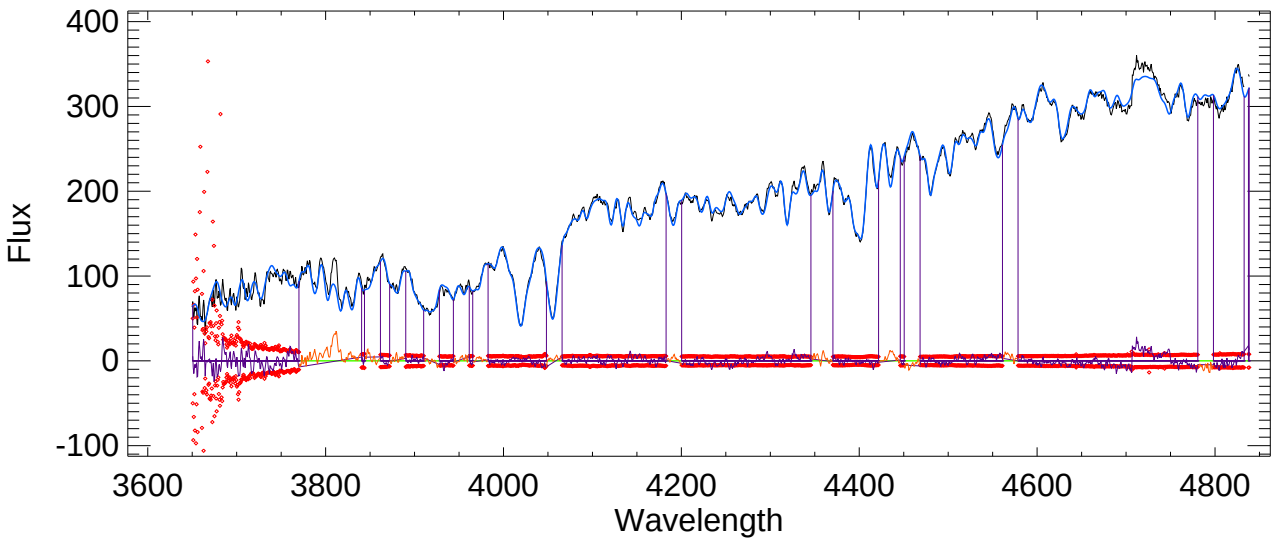

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
Wavelength

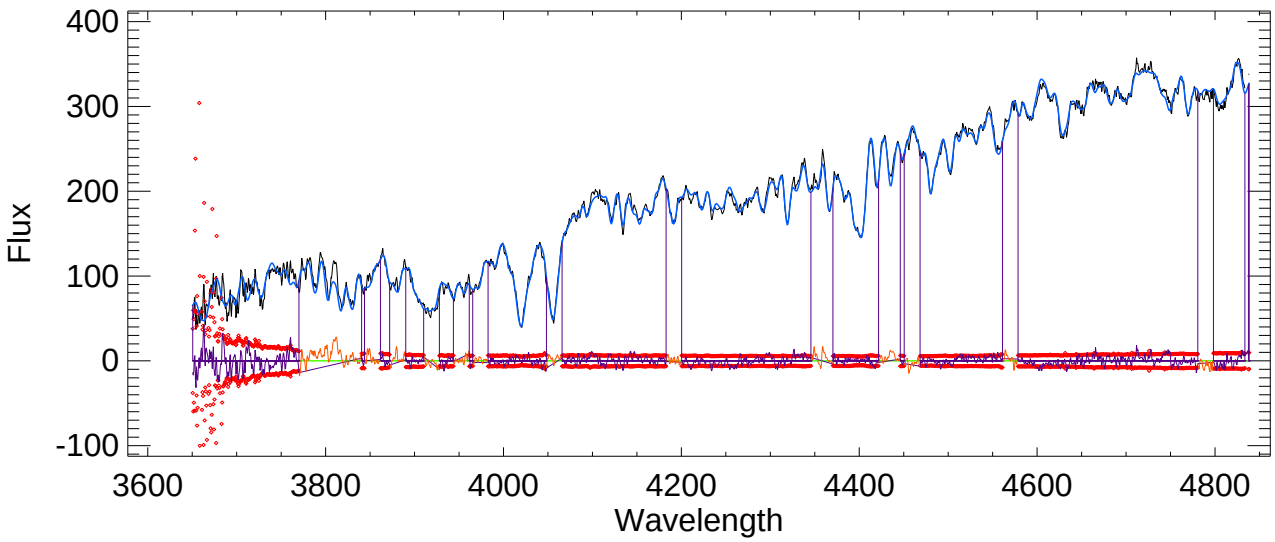

400
200
0
-200
-400
Flux
3600
3800
4000
4200
4400
4600
Wavelength

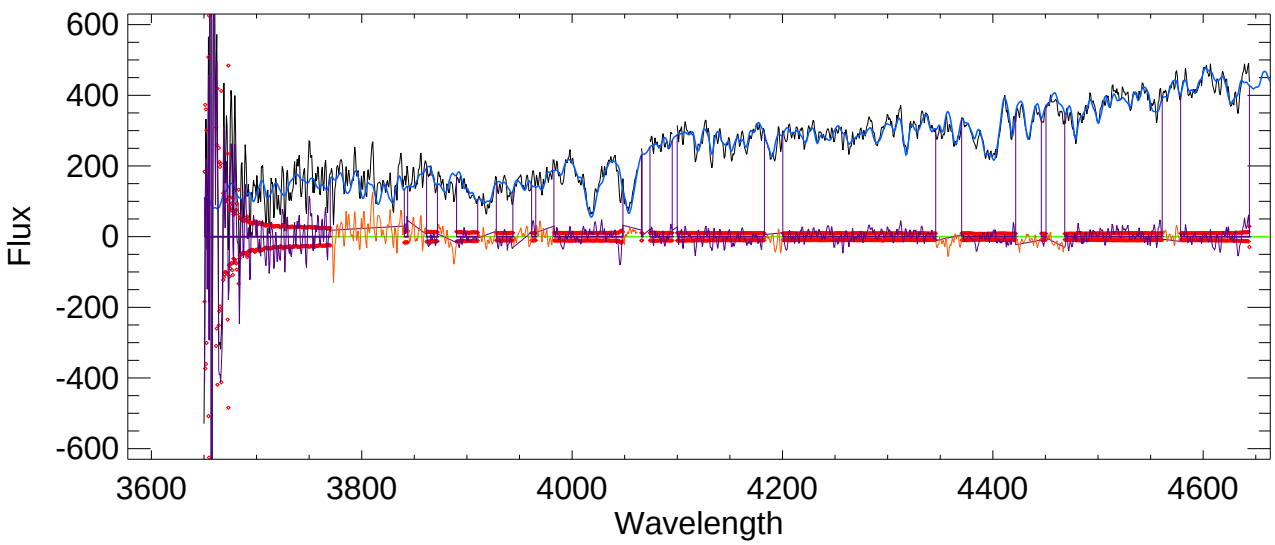

600
400
200
0
-200
-400
Flux
3600
3800
4000
4200
4400
4600
Wavelength

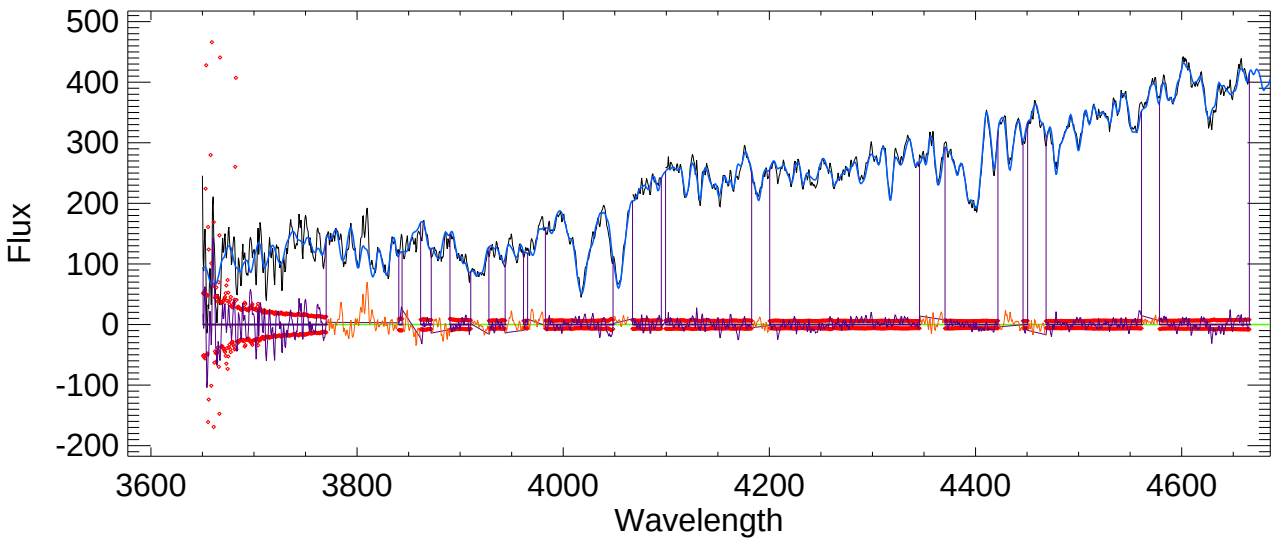

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
Wavelength

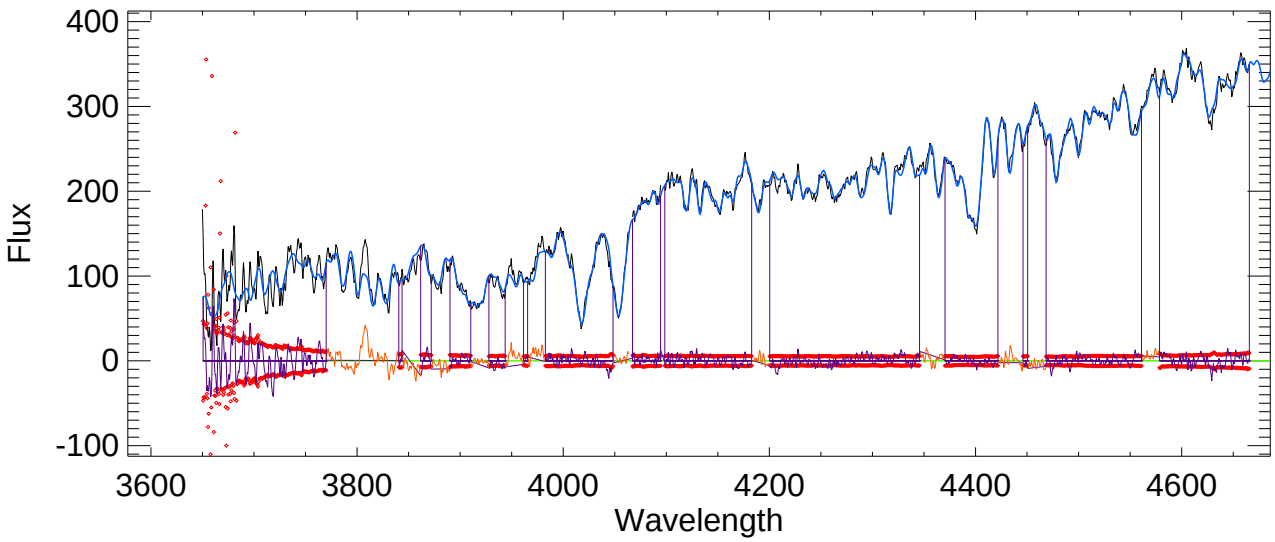

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
Wavelength

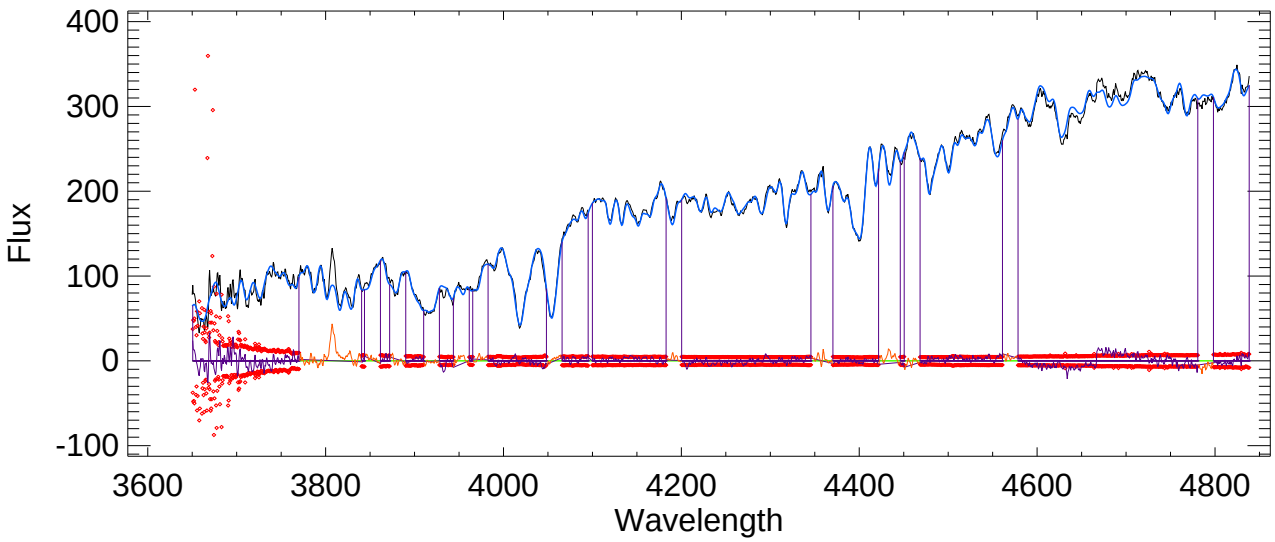

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

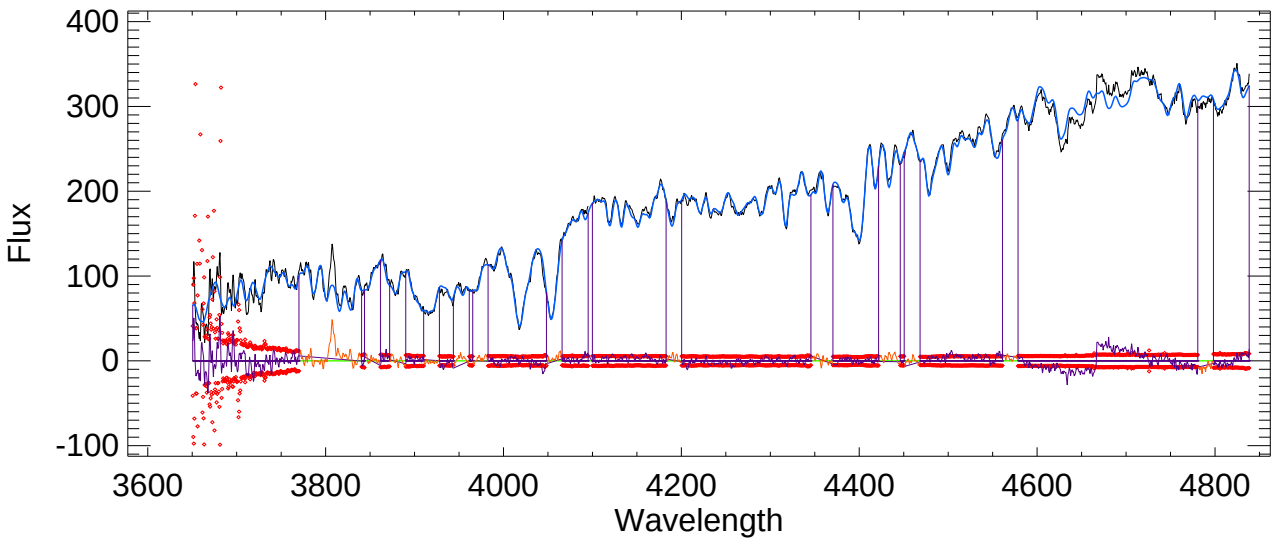

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

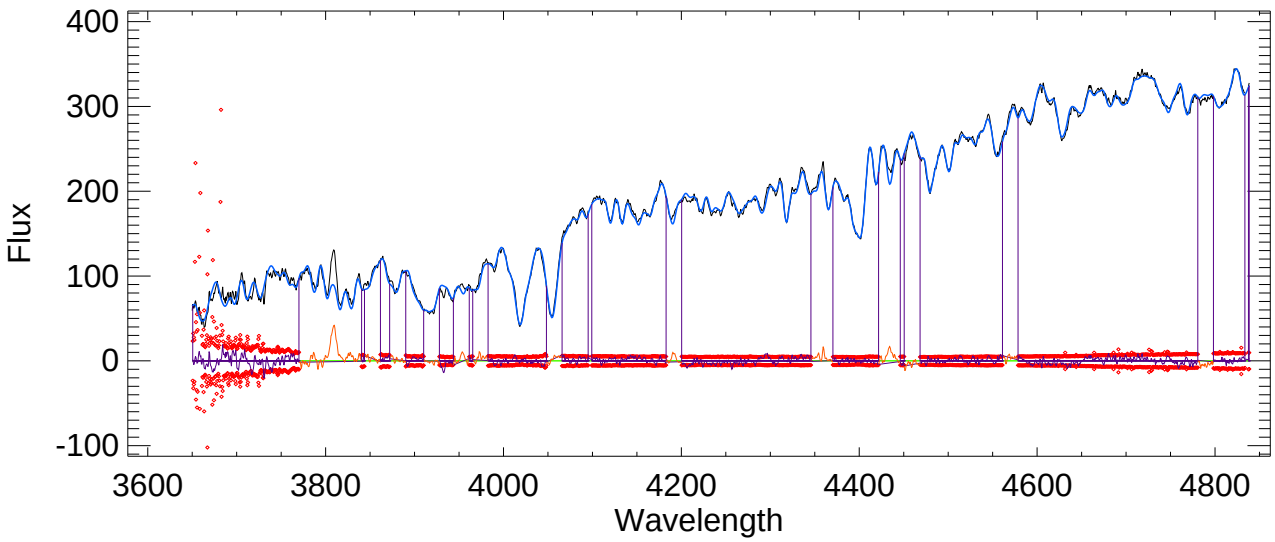

600
400
200
0
-200
-400
-600
Flux
3600
3800
4000
4200
4400
4600
Wavelength

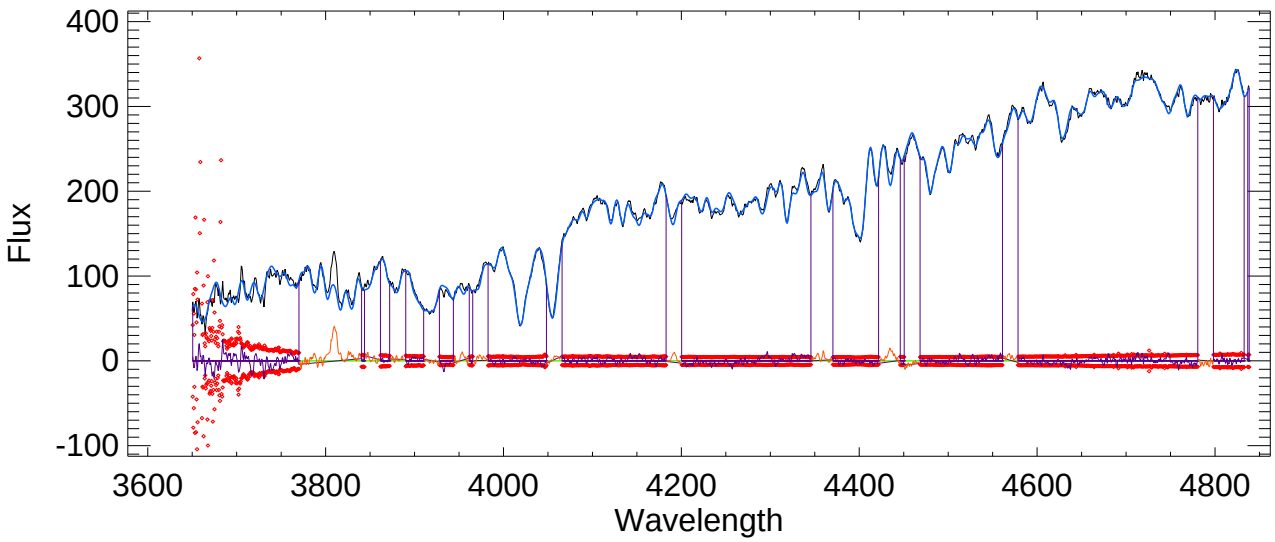

500
400
300
200
100
0
-100
-200
Flux
3600
3800
4000
4200
4400
4600
Wavelength

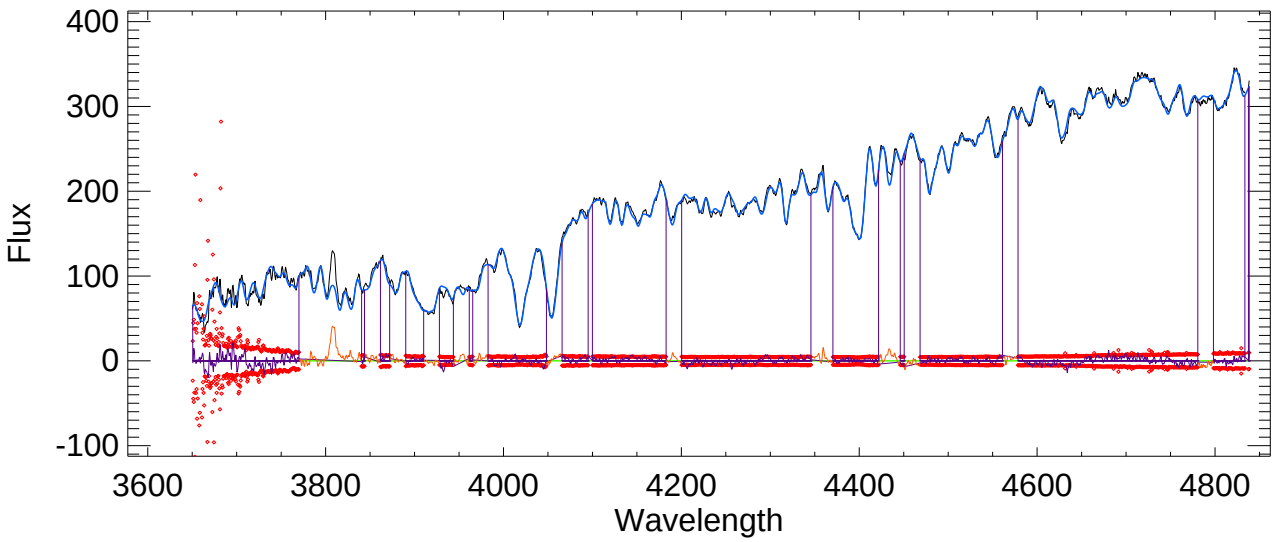

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
Wavelength

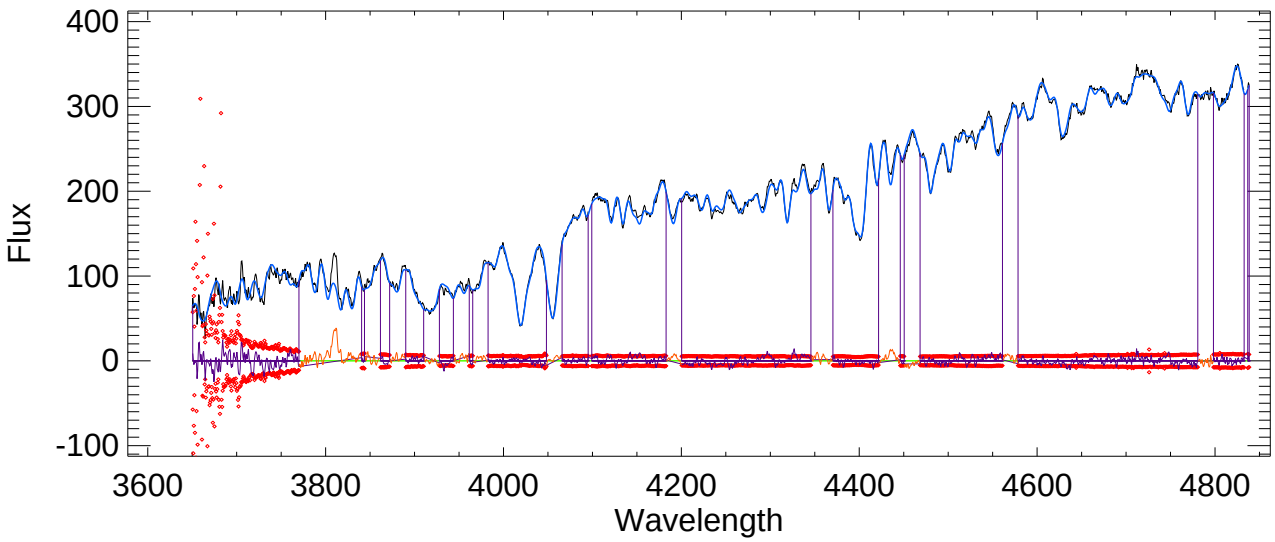

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

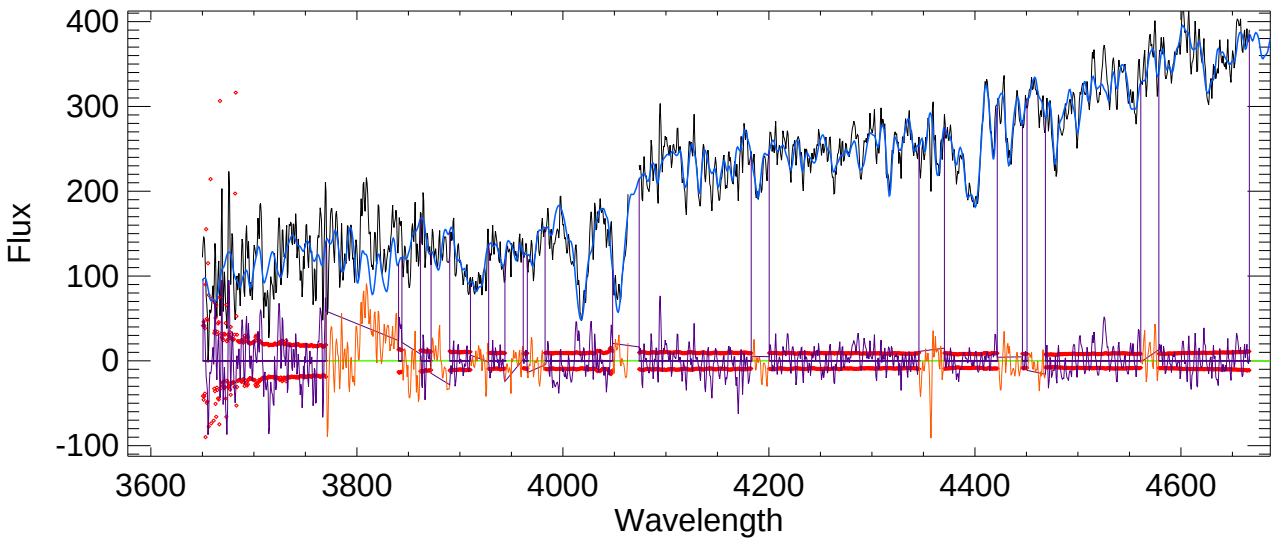

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

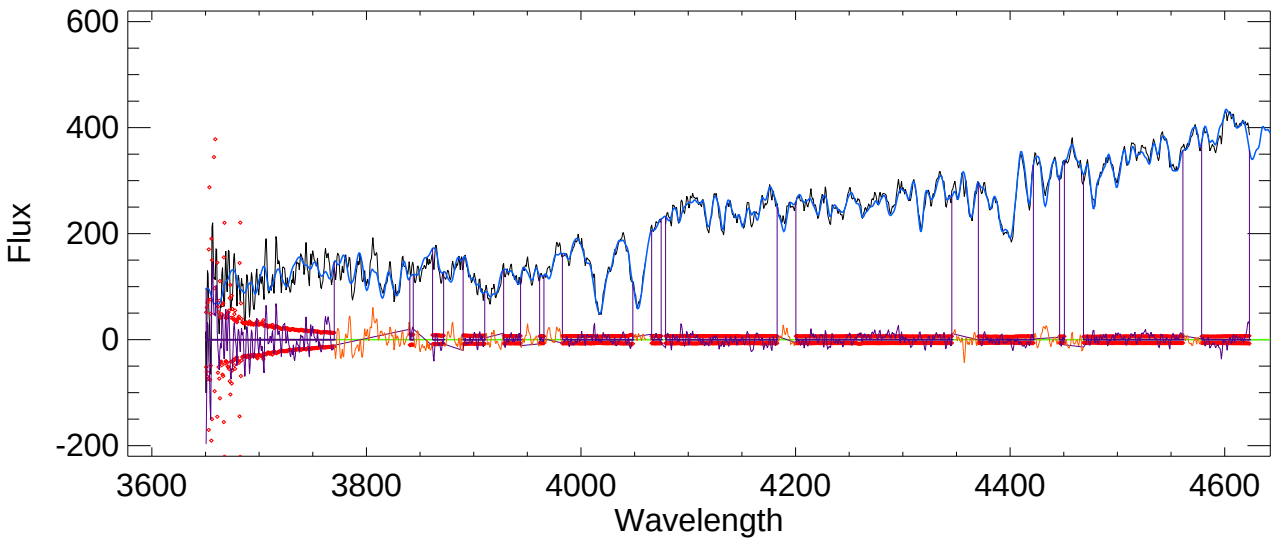

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

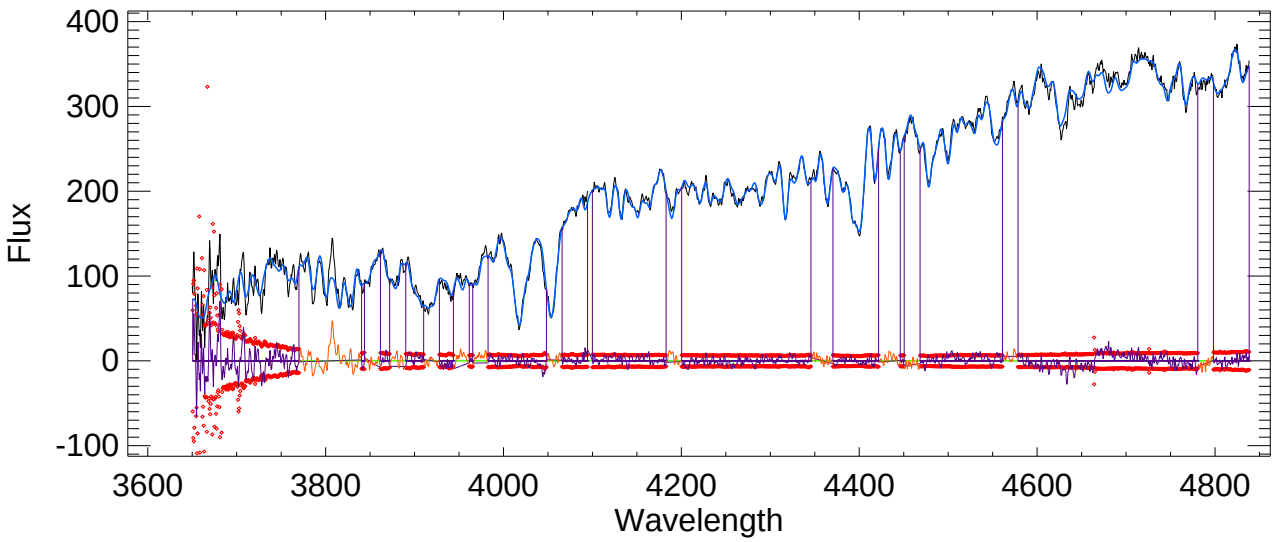

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

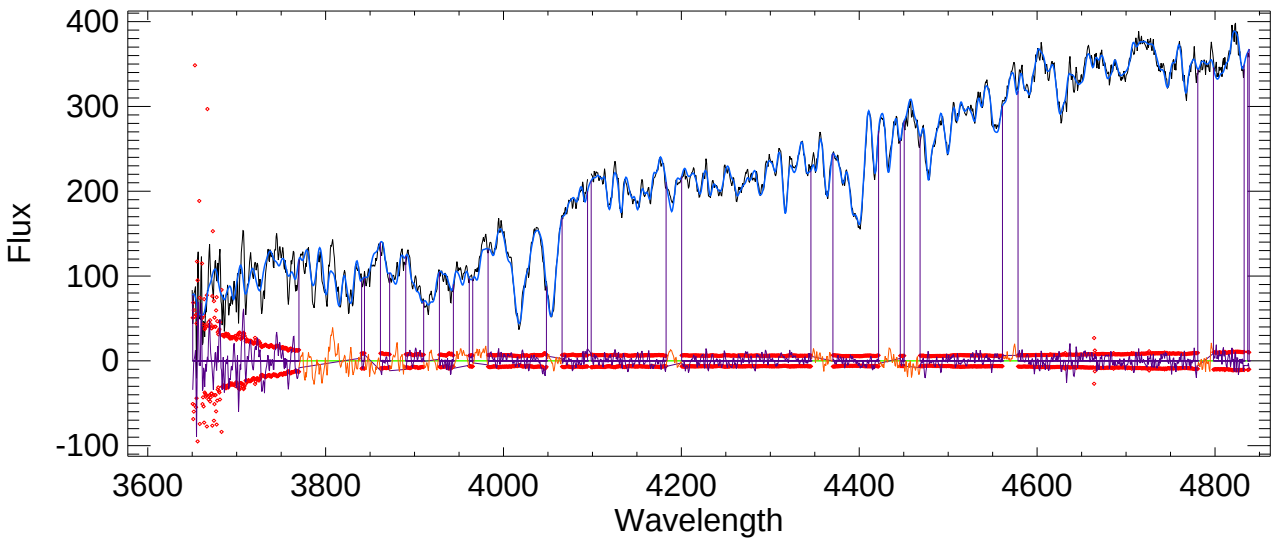

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

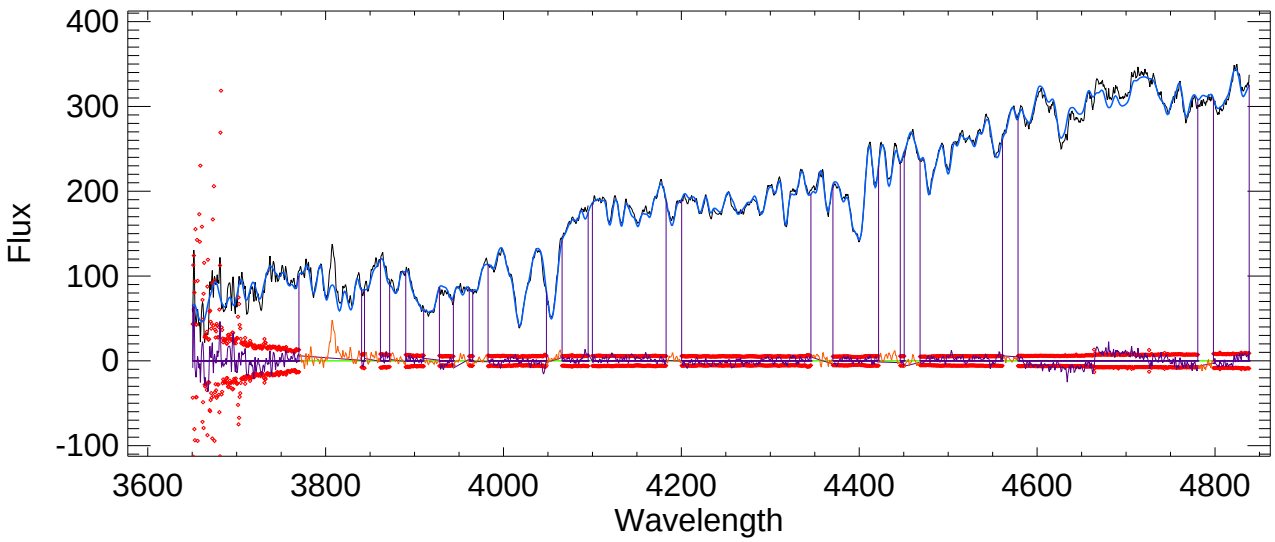

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

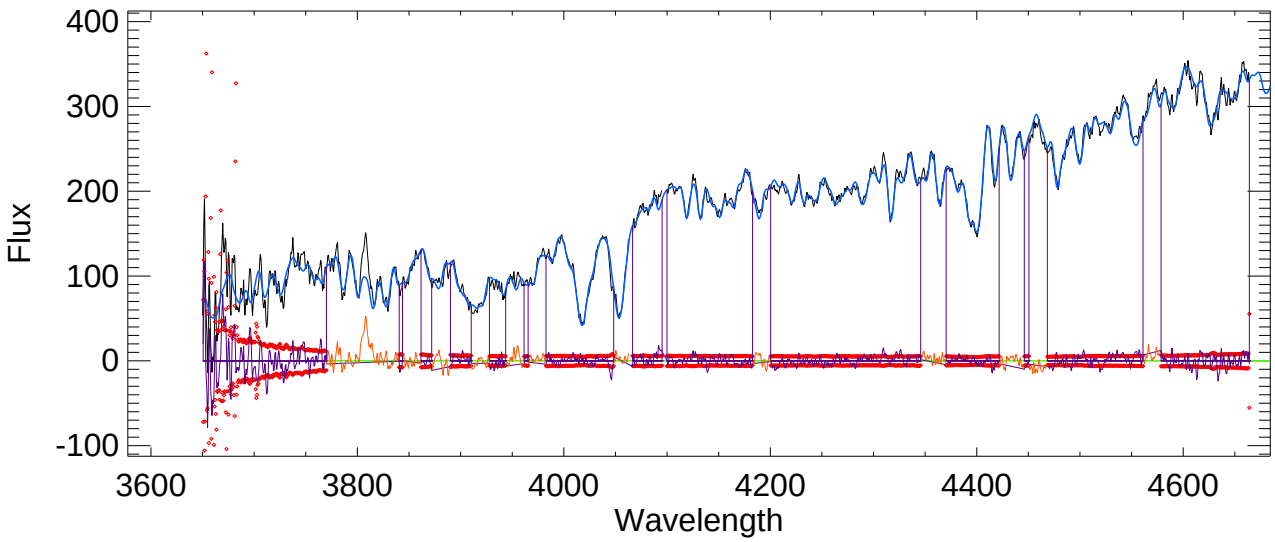

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
Wavelength

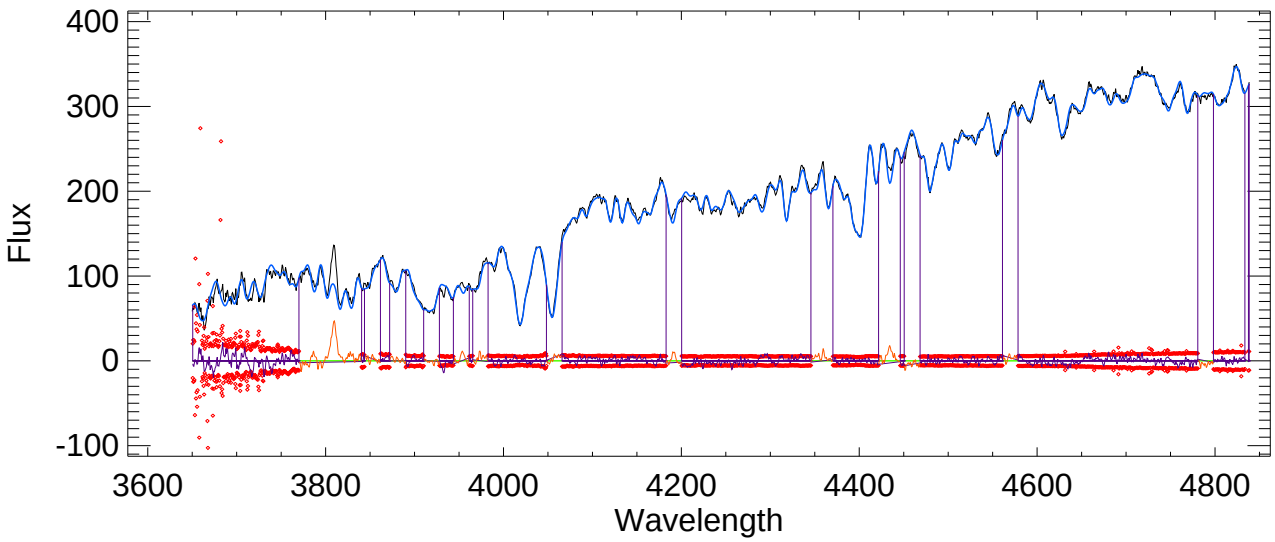

600
400
200
0
-200
Flux
3600
3800
4000
4200
4400
4600
Wavelength

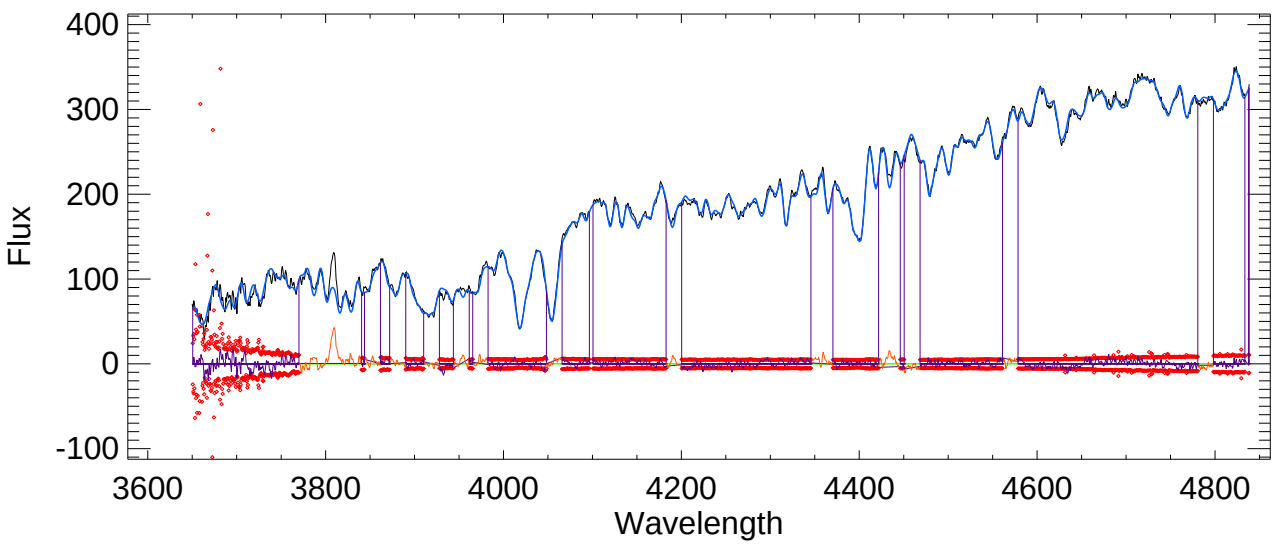

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

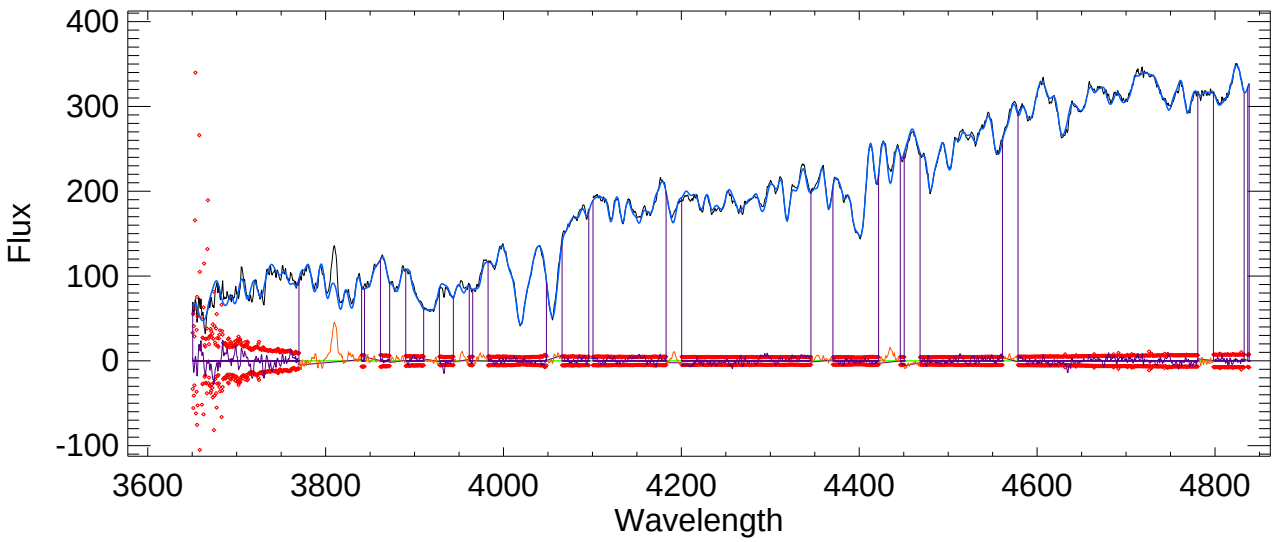

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

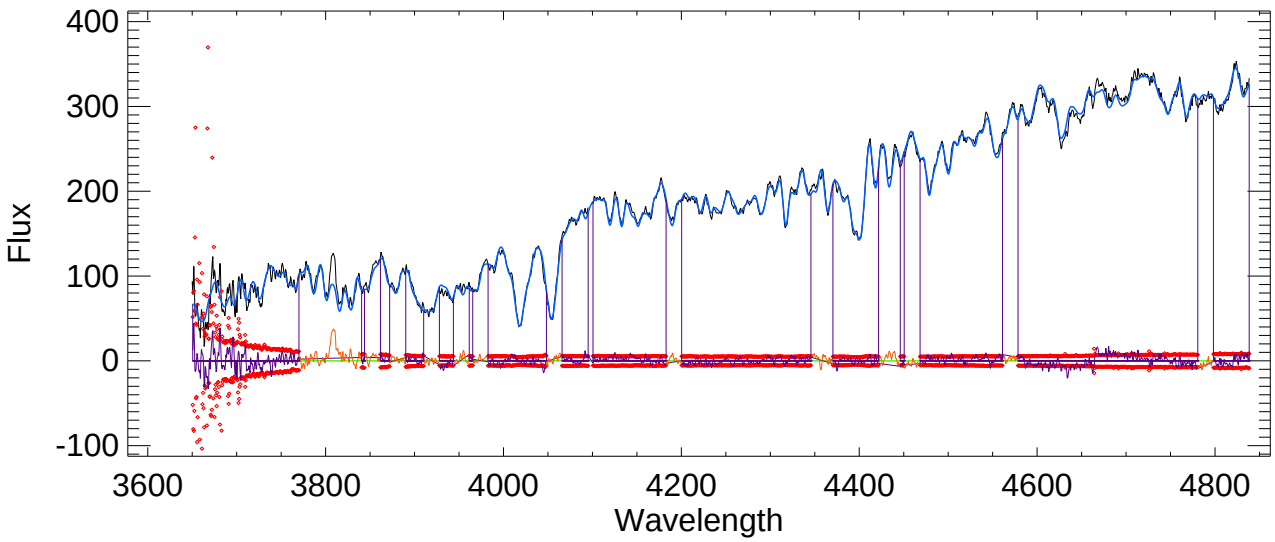

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

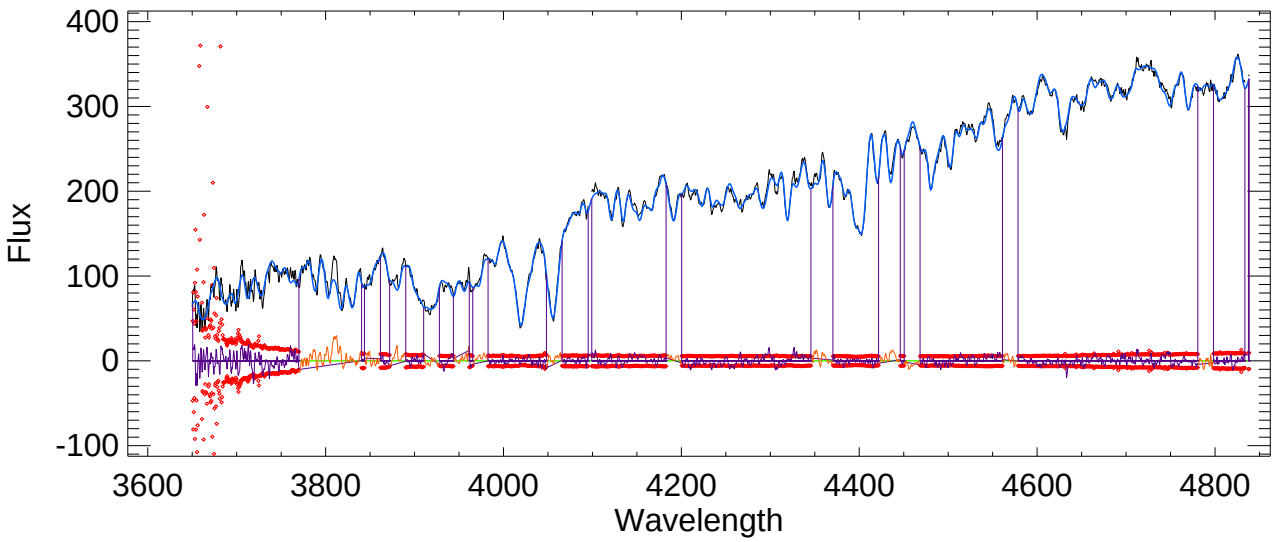

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
Wavelength

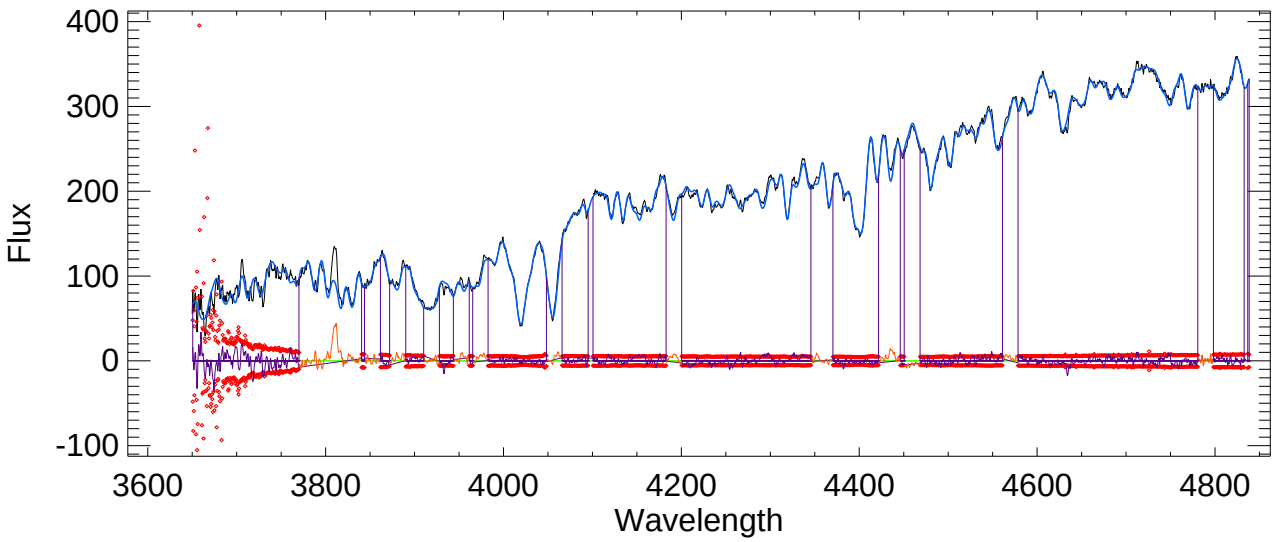

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

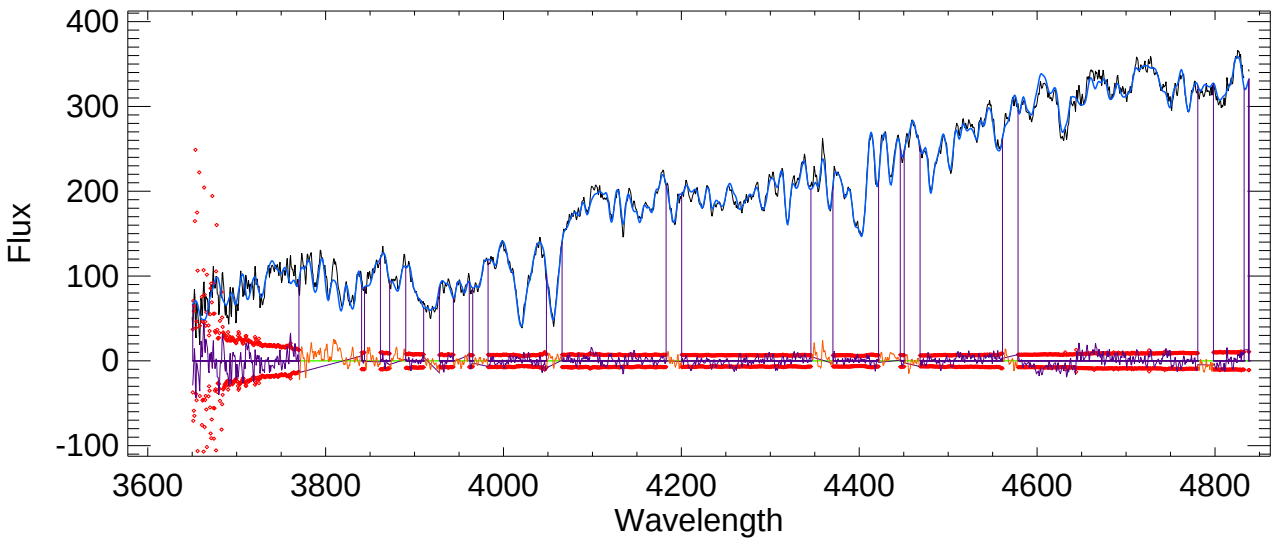

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

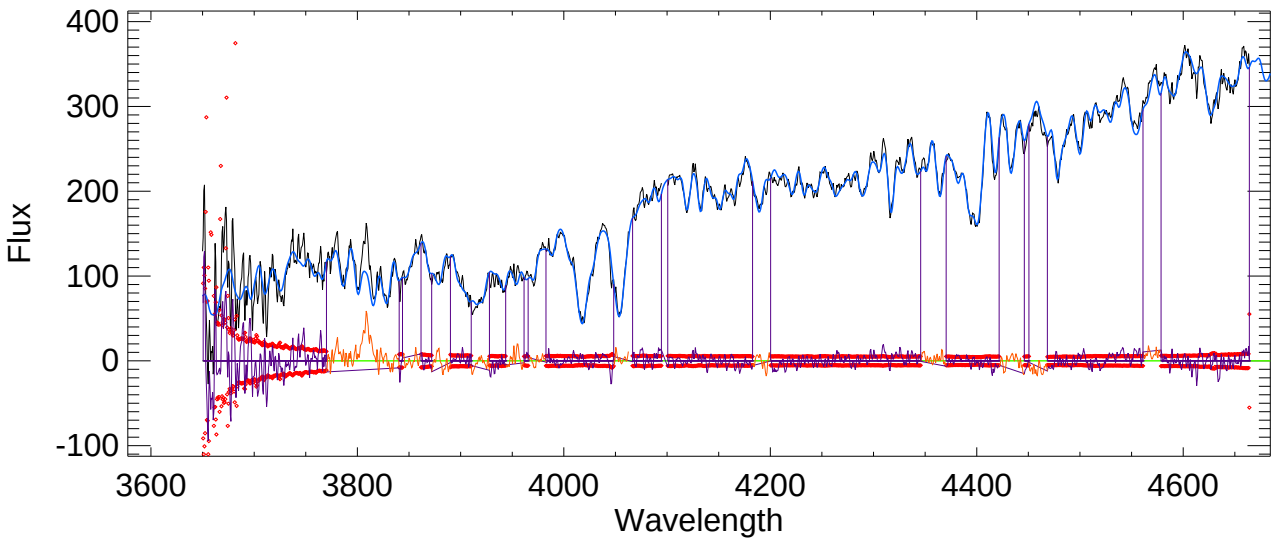

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

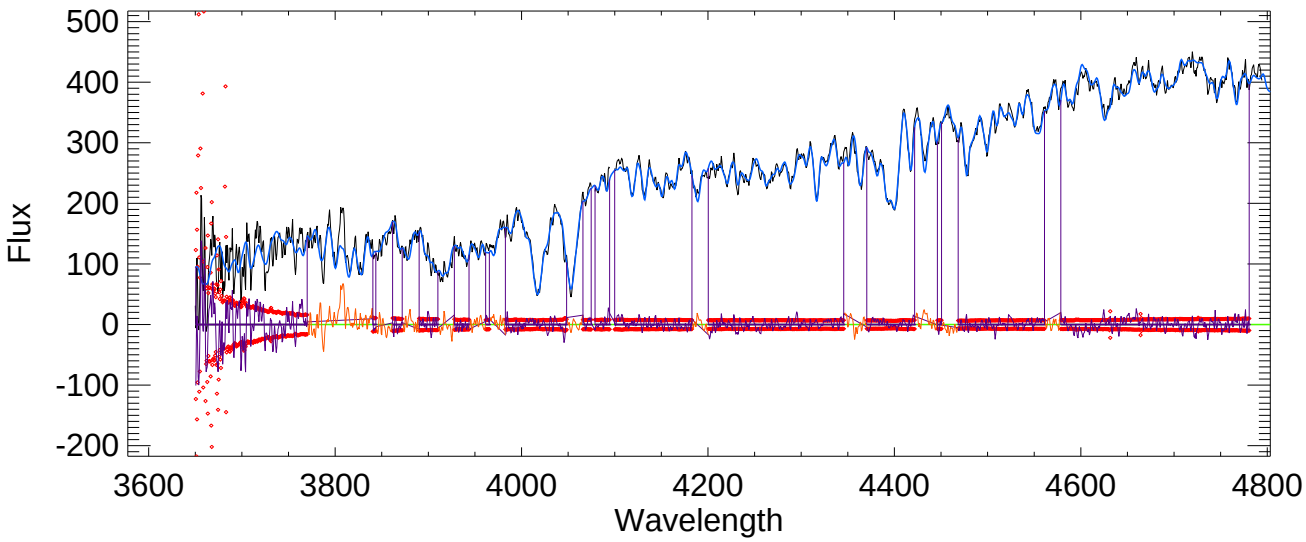

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

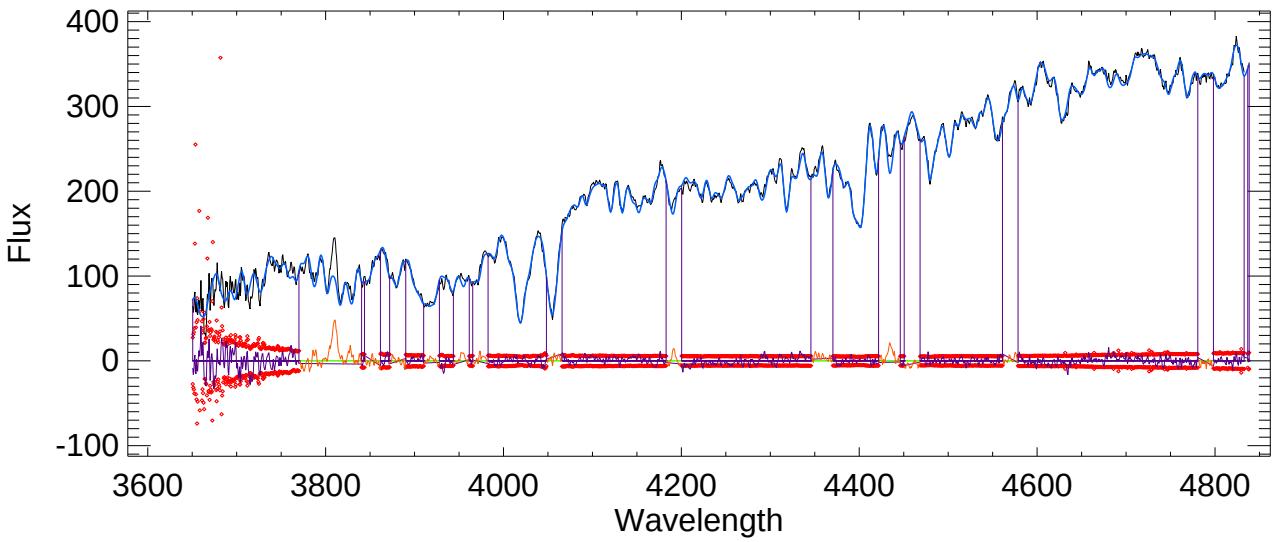

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

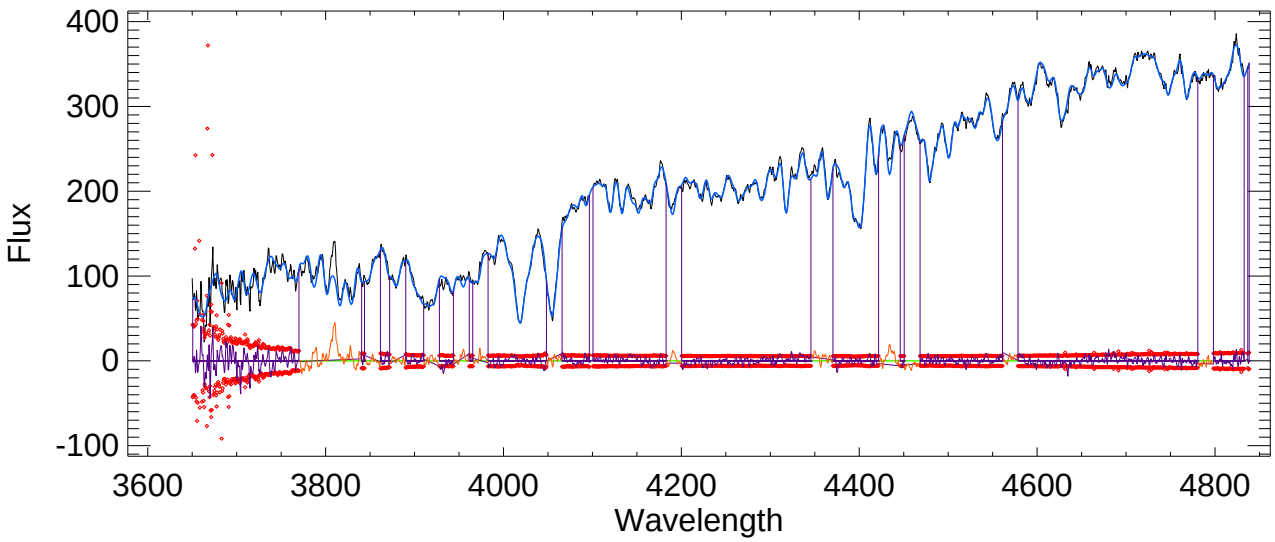

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

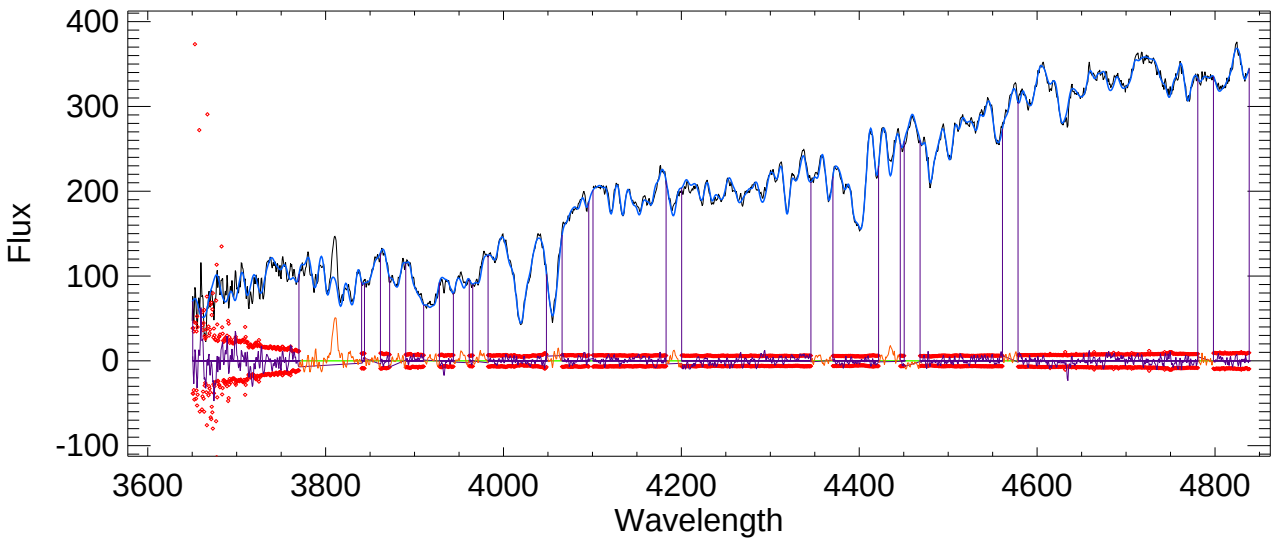

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

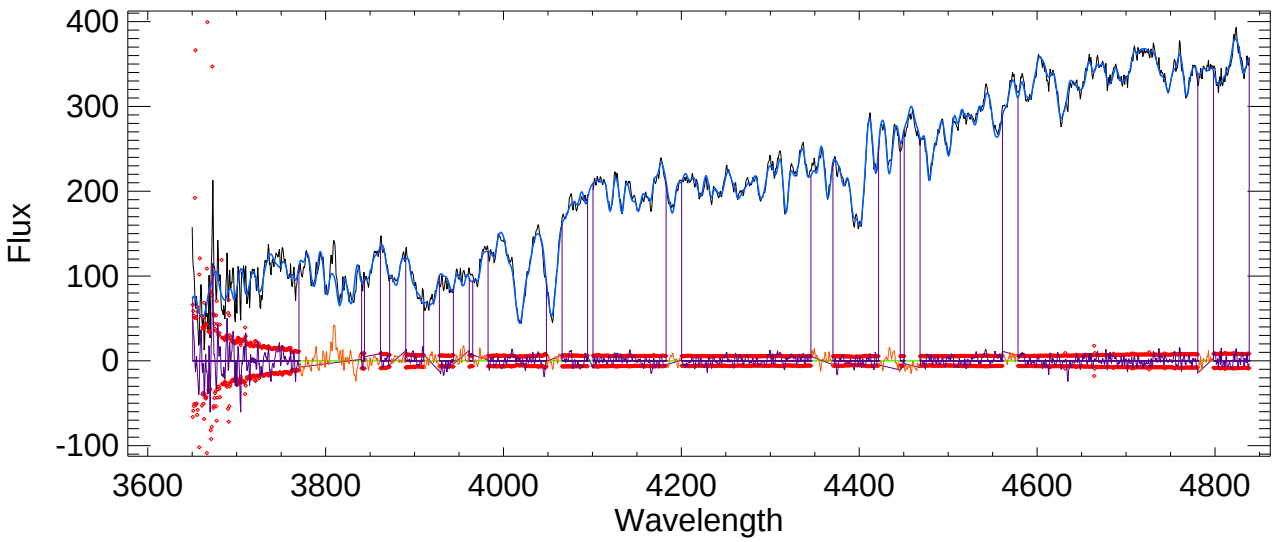

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
Wavelength

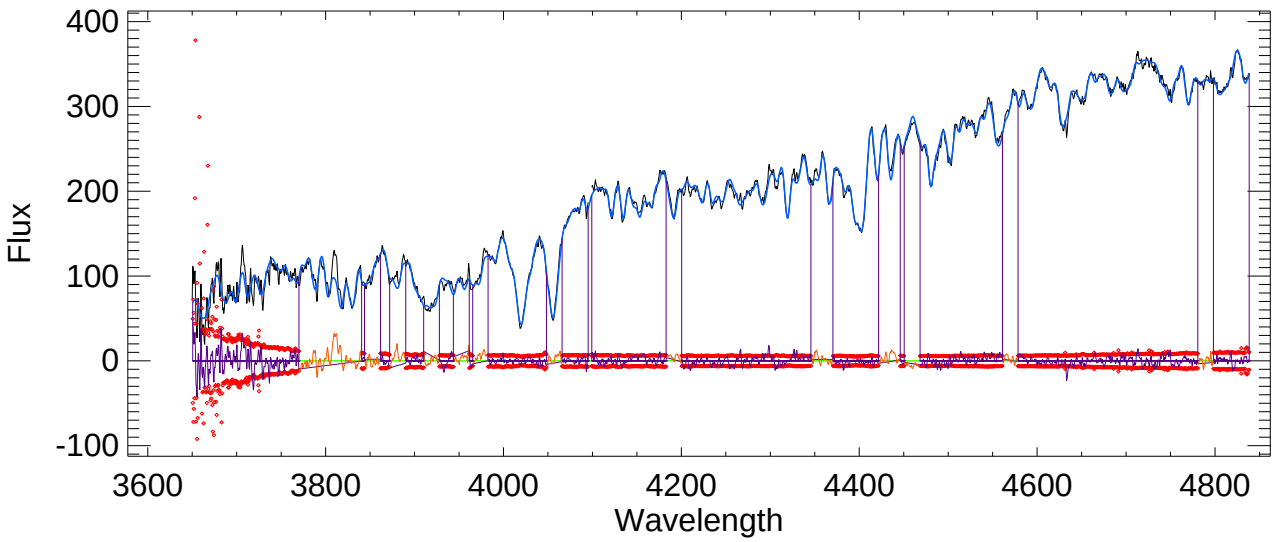

500
400
300
200
100
0
-100
-200
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

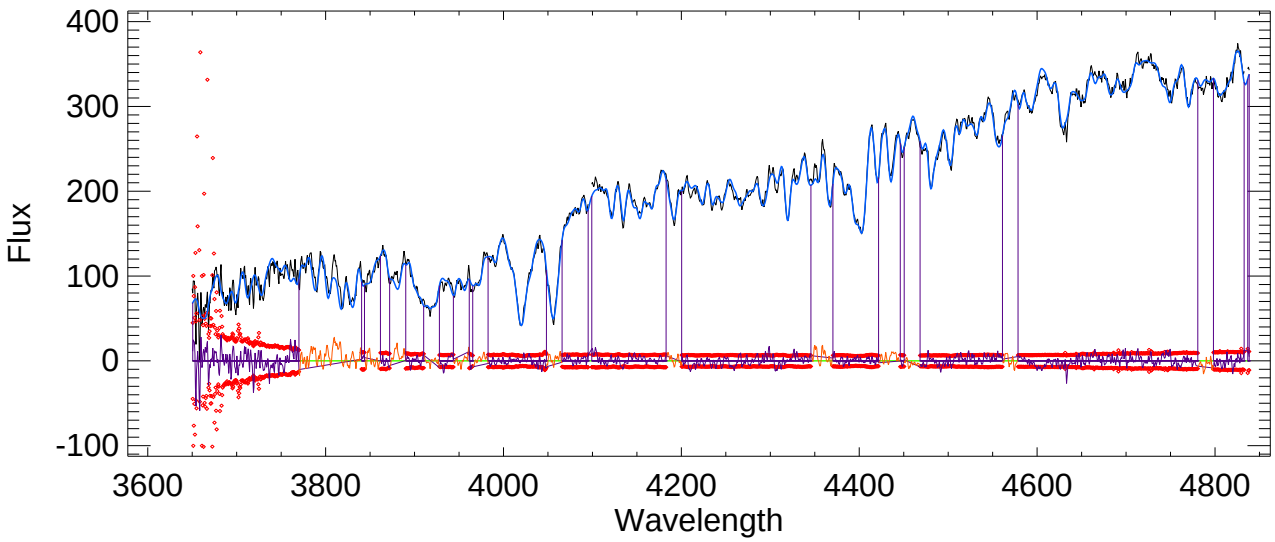

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

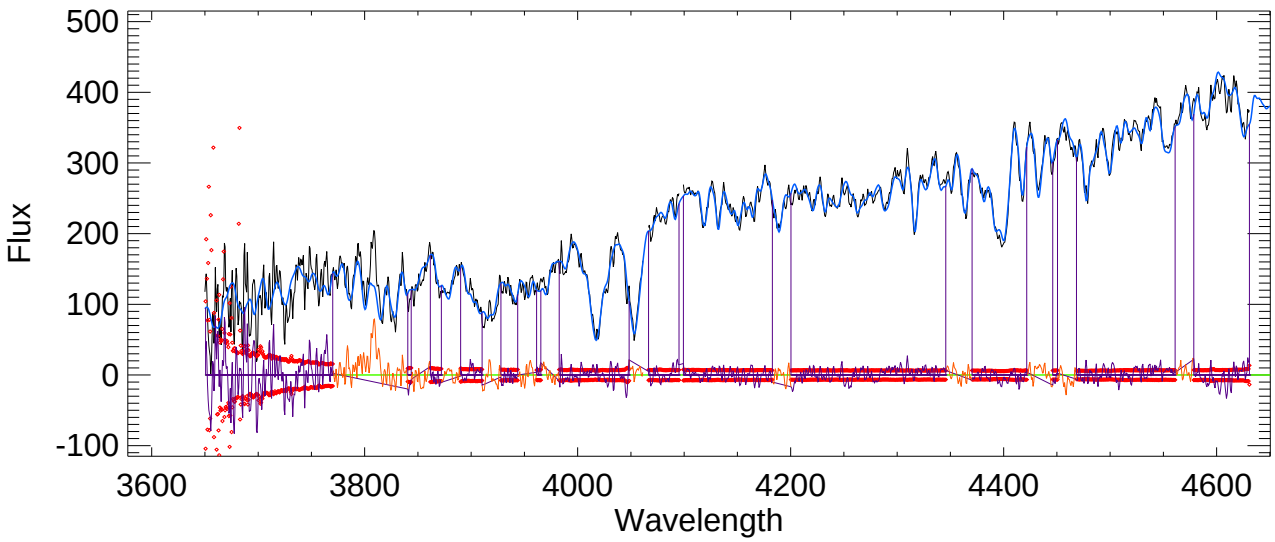

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

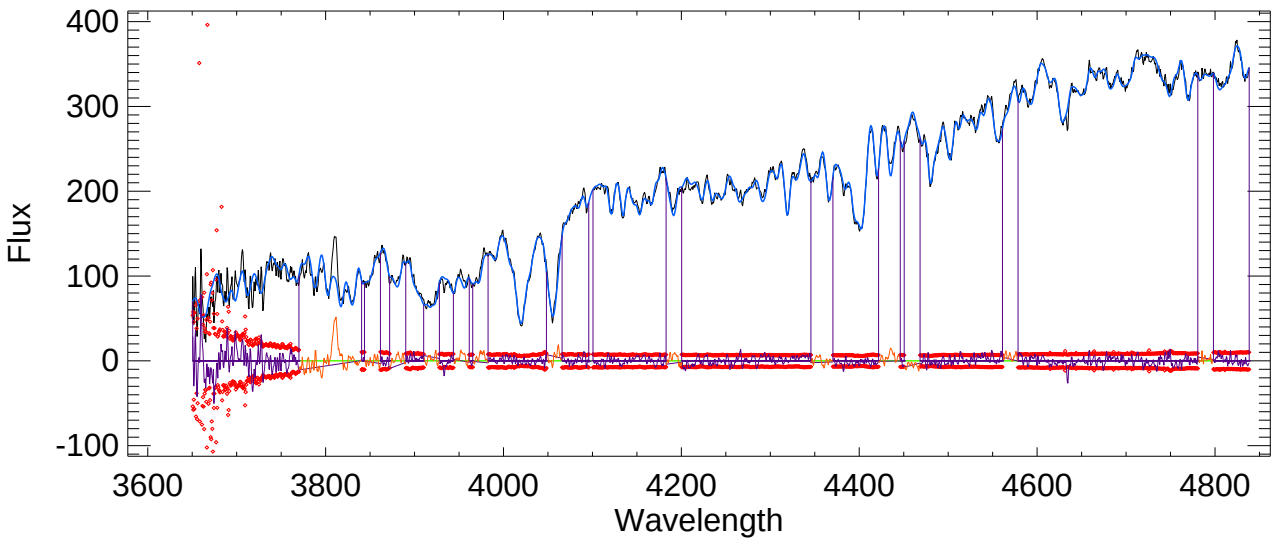

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

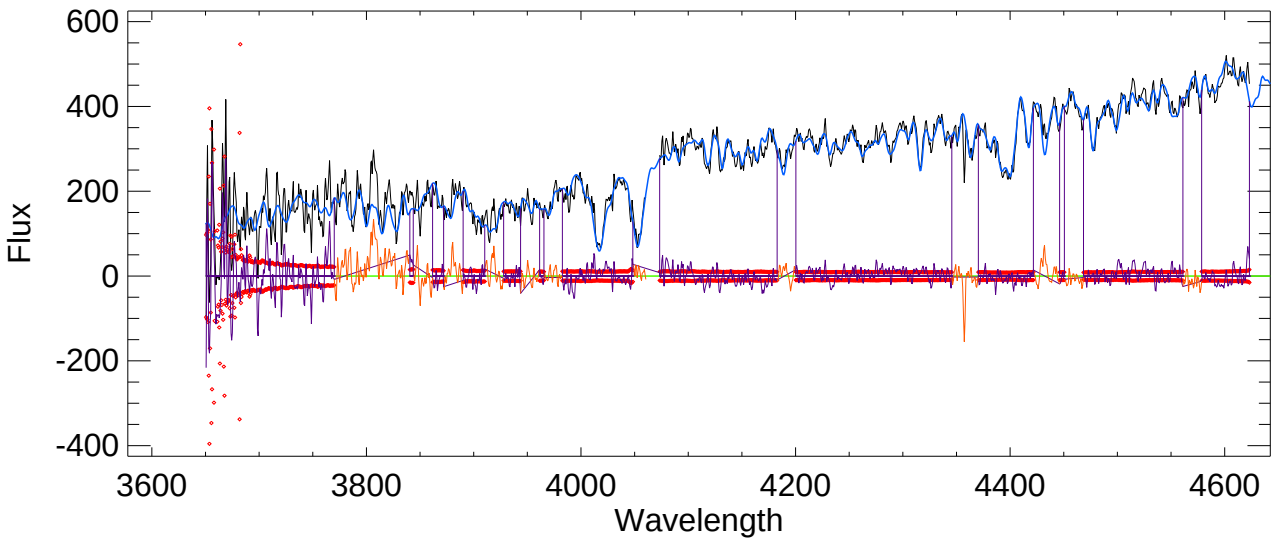

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

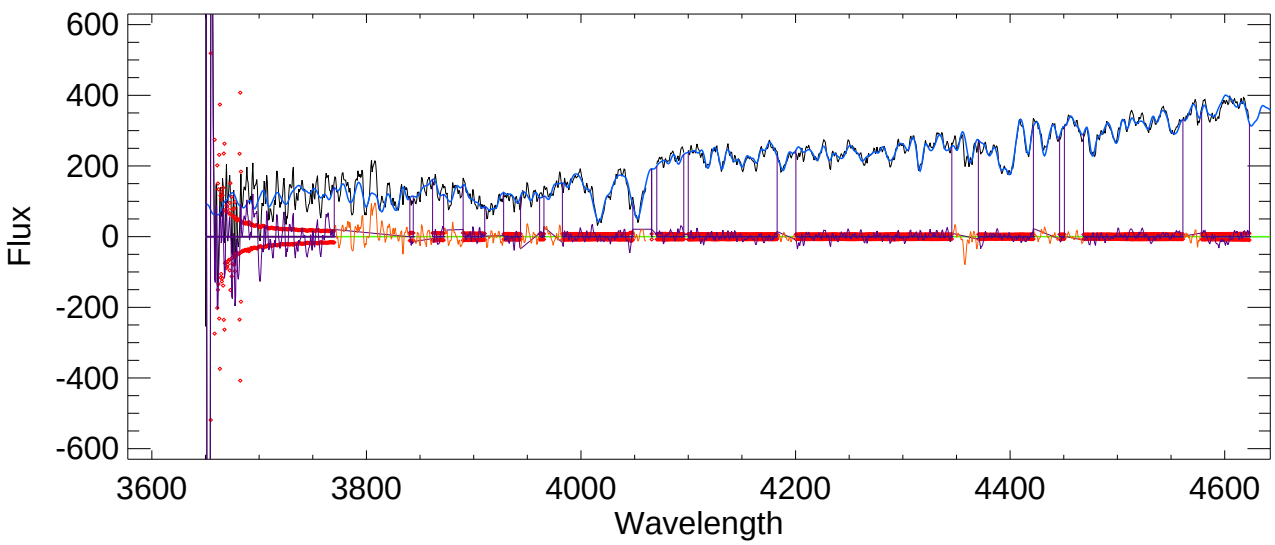

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

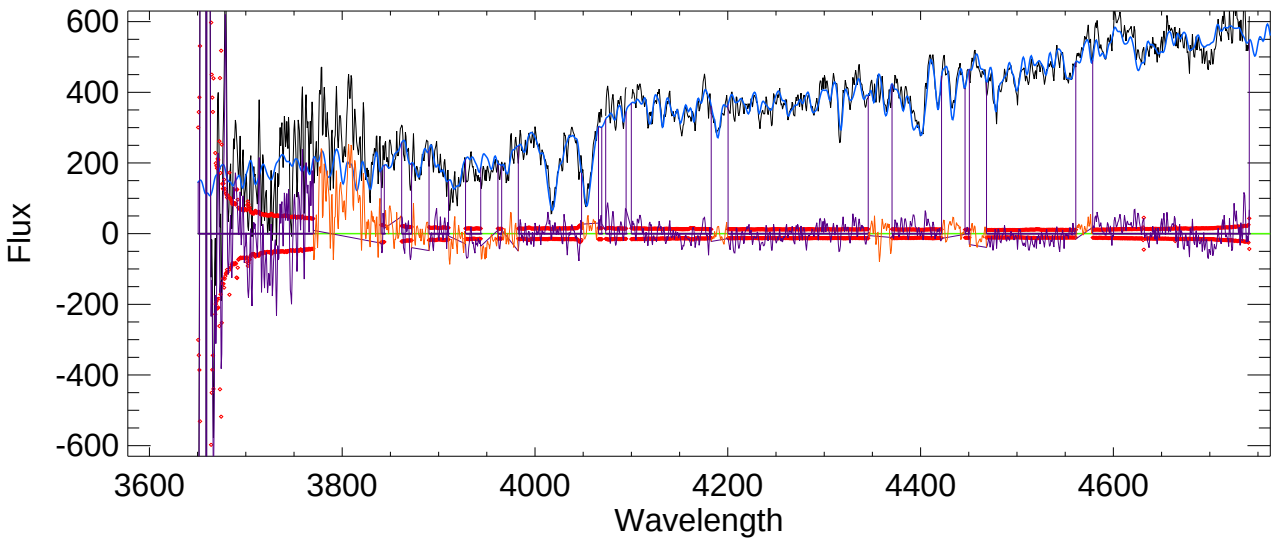

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

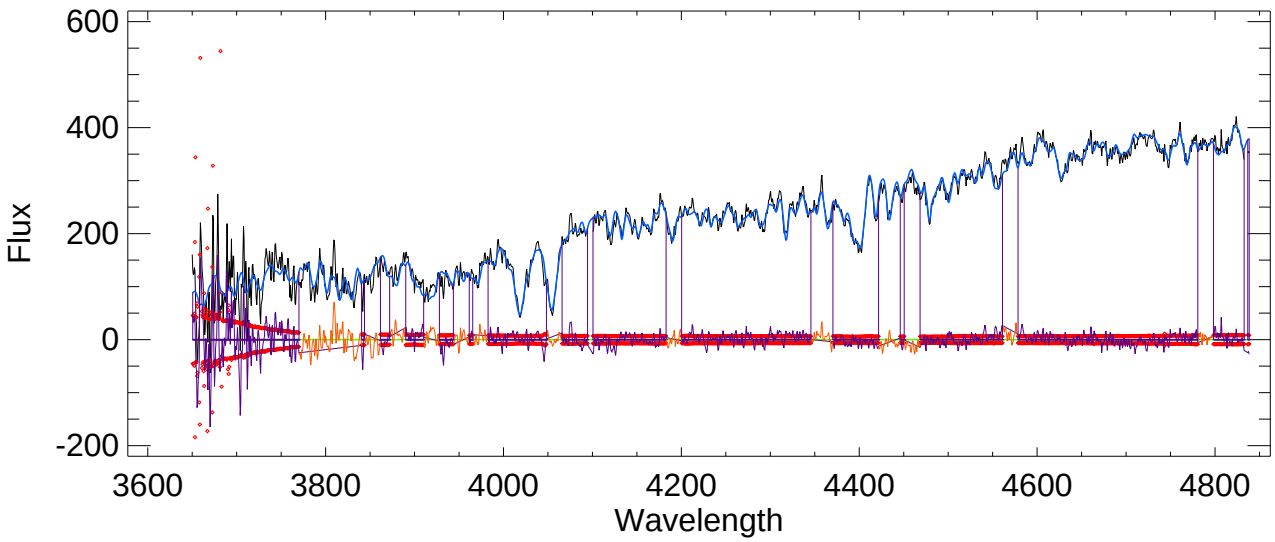

500
400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
Wavelength

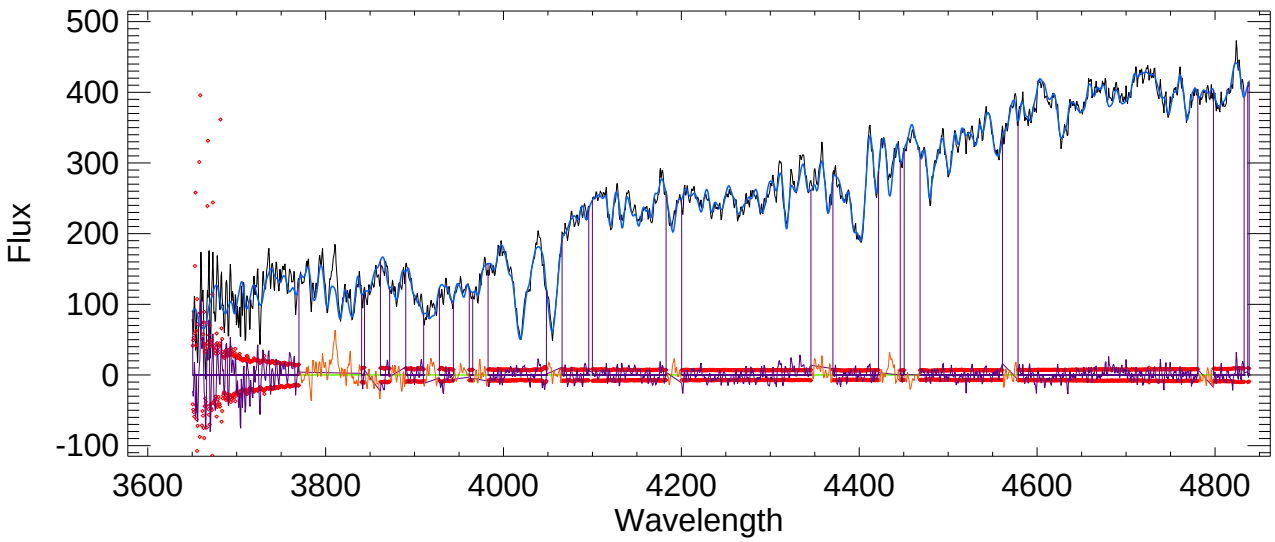

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

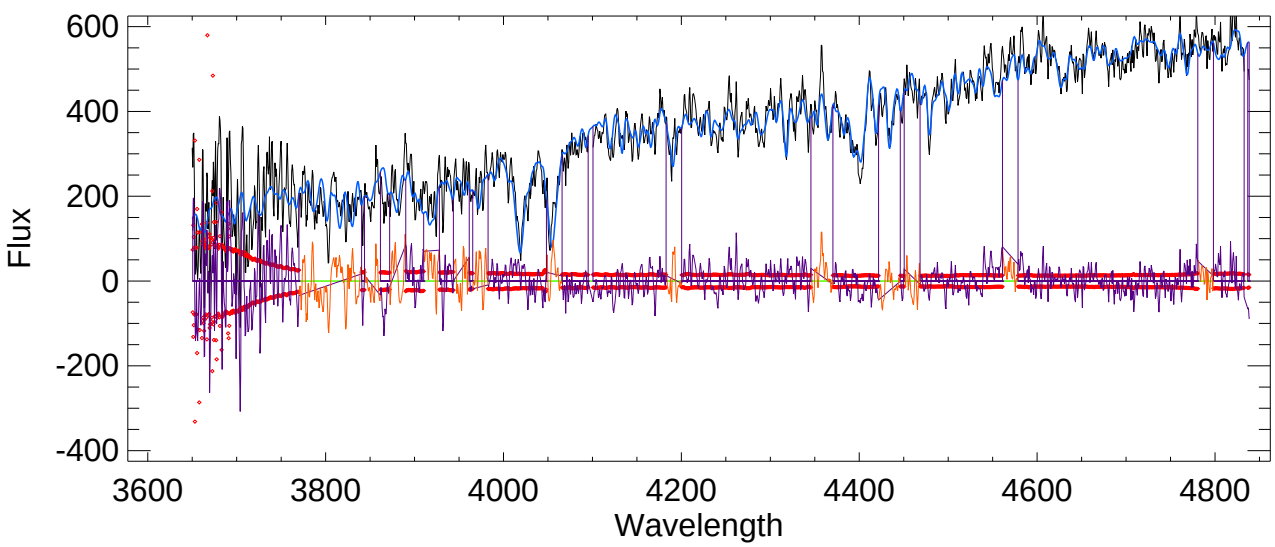

600
400
200
0
-200
-400
Flux
3600
3800
4000
4200
4400
4600
Wavelength

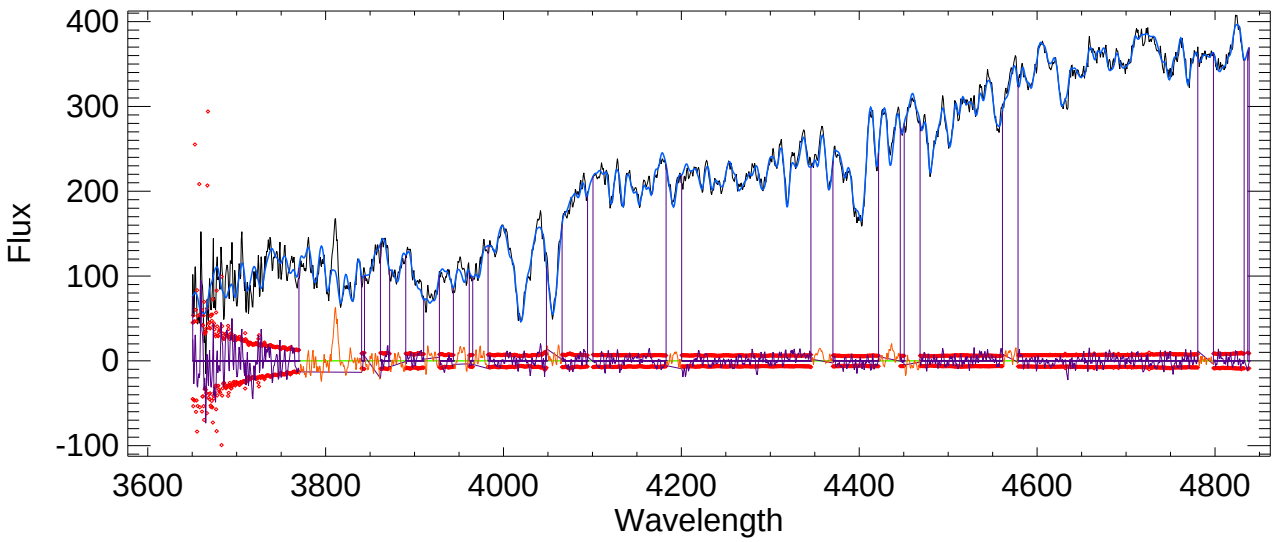

600
400
200
0
-200
-400
-600
Flux
3600
3800
4000
4200
4400
4600
Wavelength

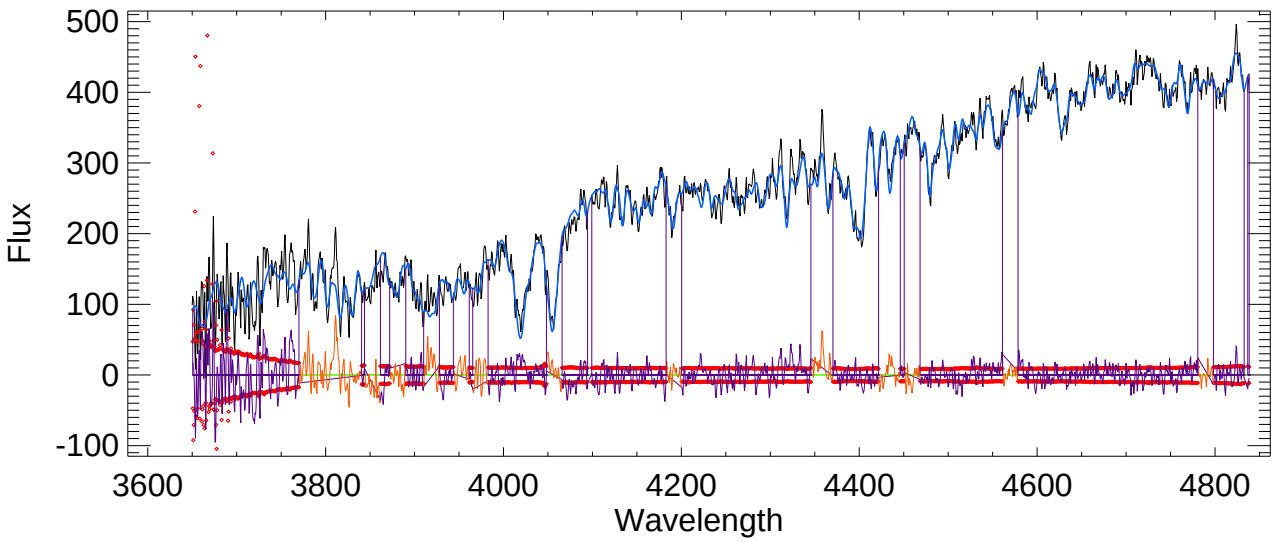

600
400
200
0
-200
-400
-600
Flux
3600
3800
4000
4200
4400
4600
Wavelength

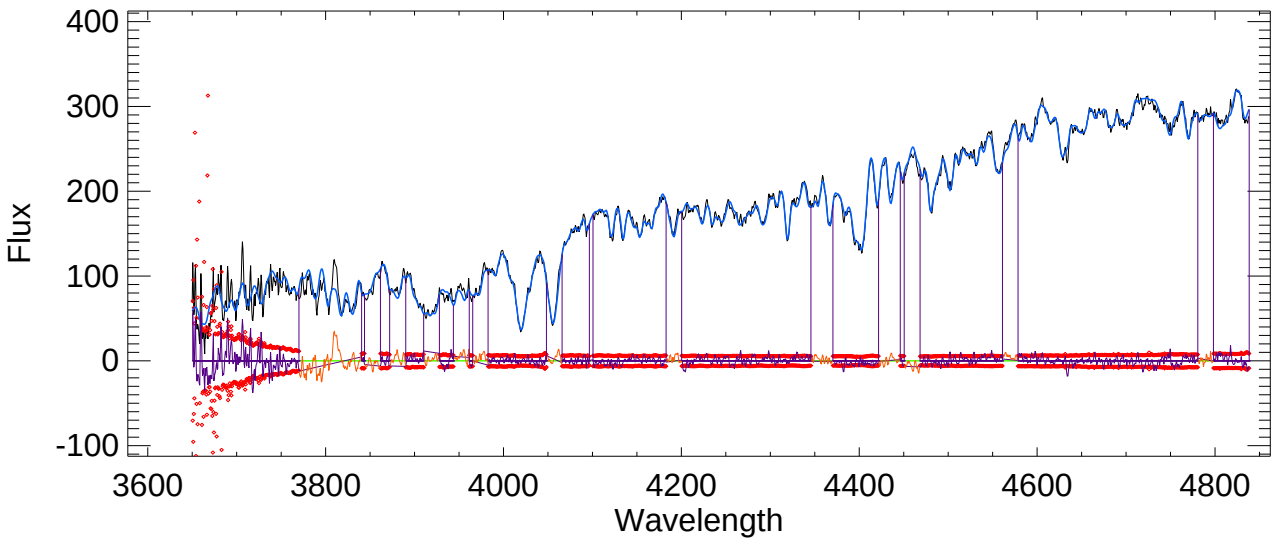

600
400
200
0
-200
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

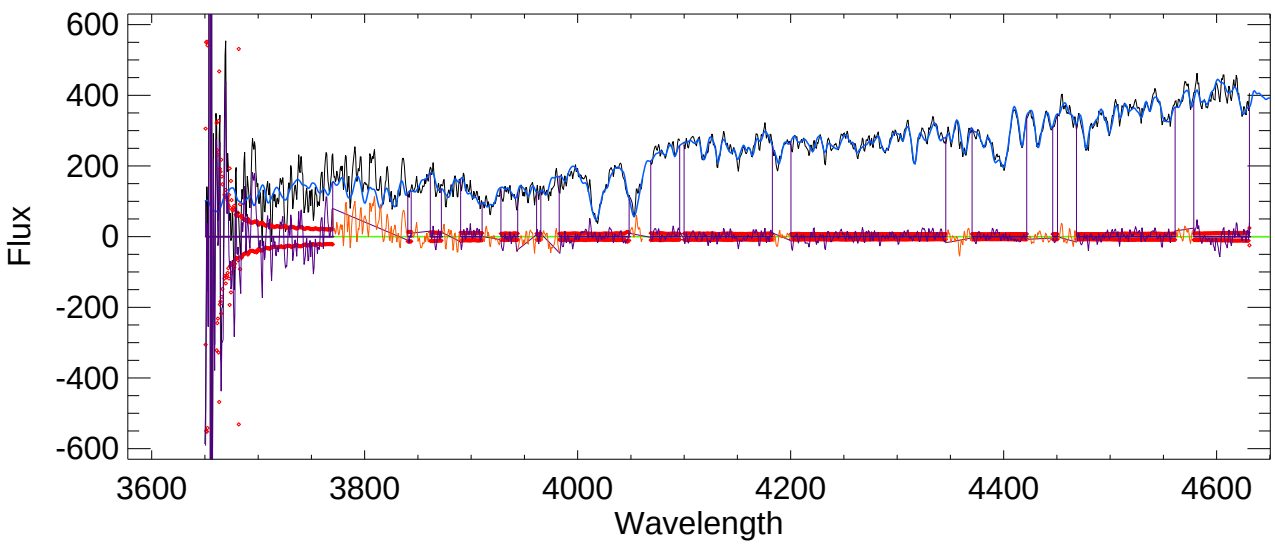

500
400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

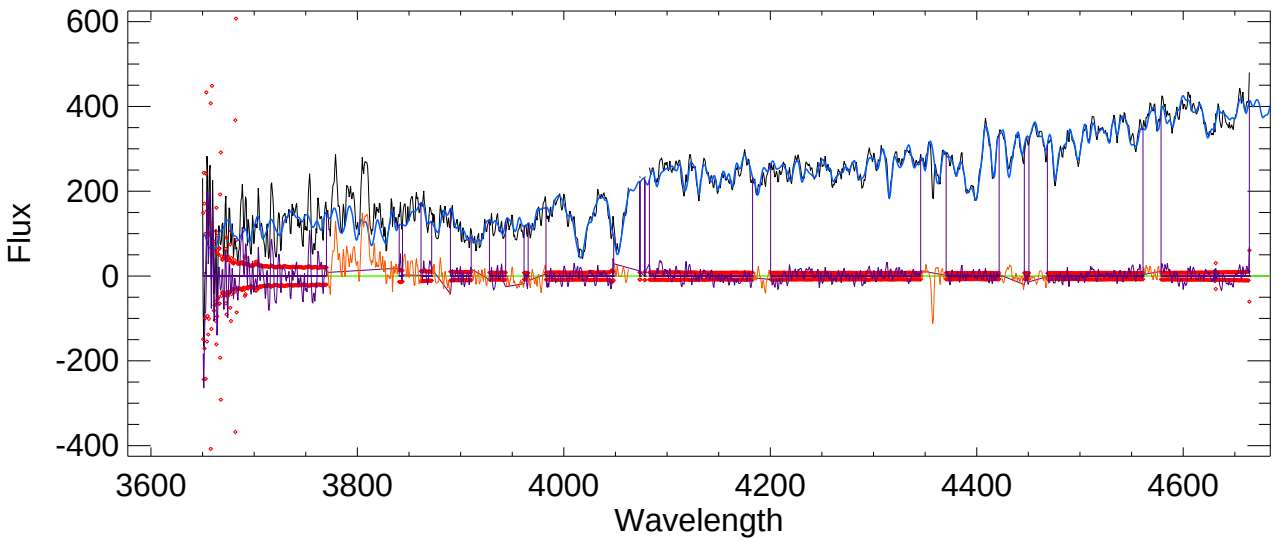

600
400
200
0
-200
-400
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

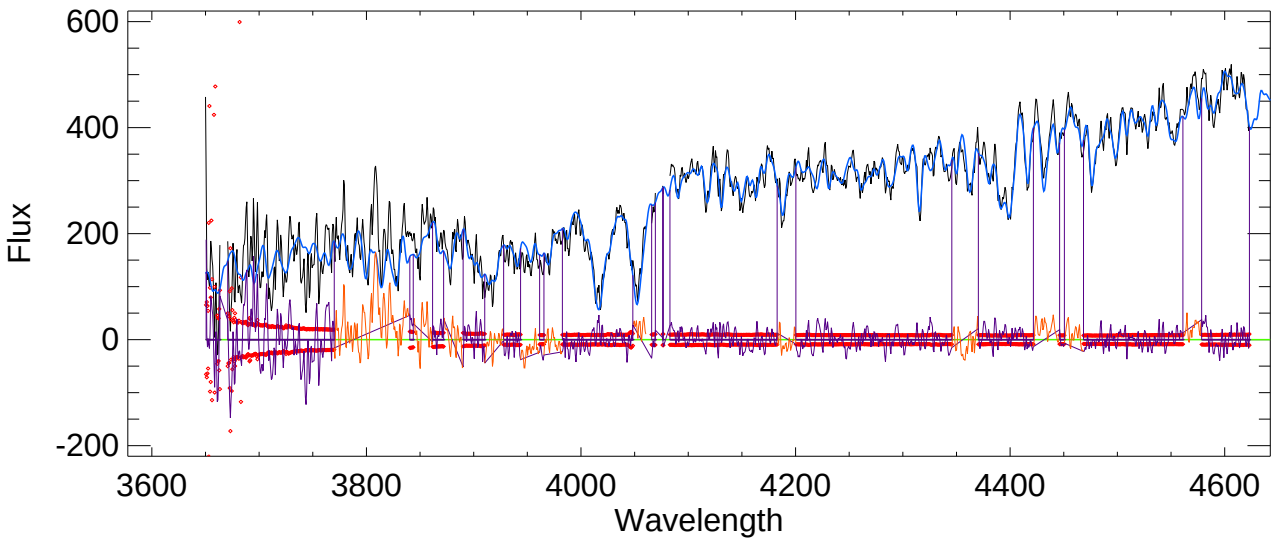

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

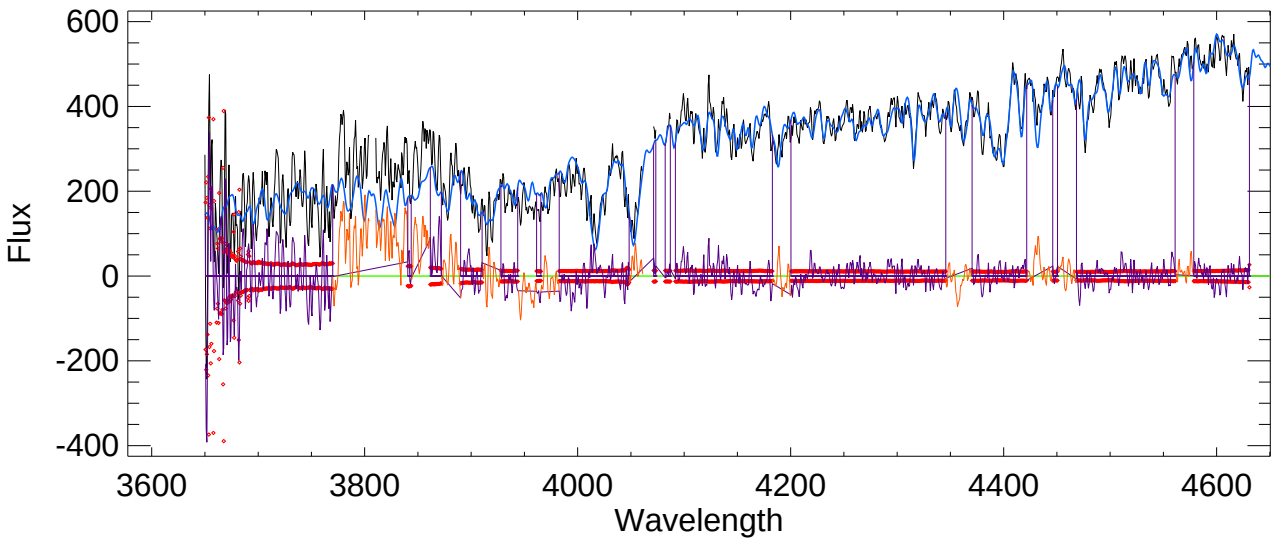

500
400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

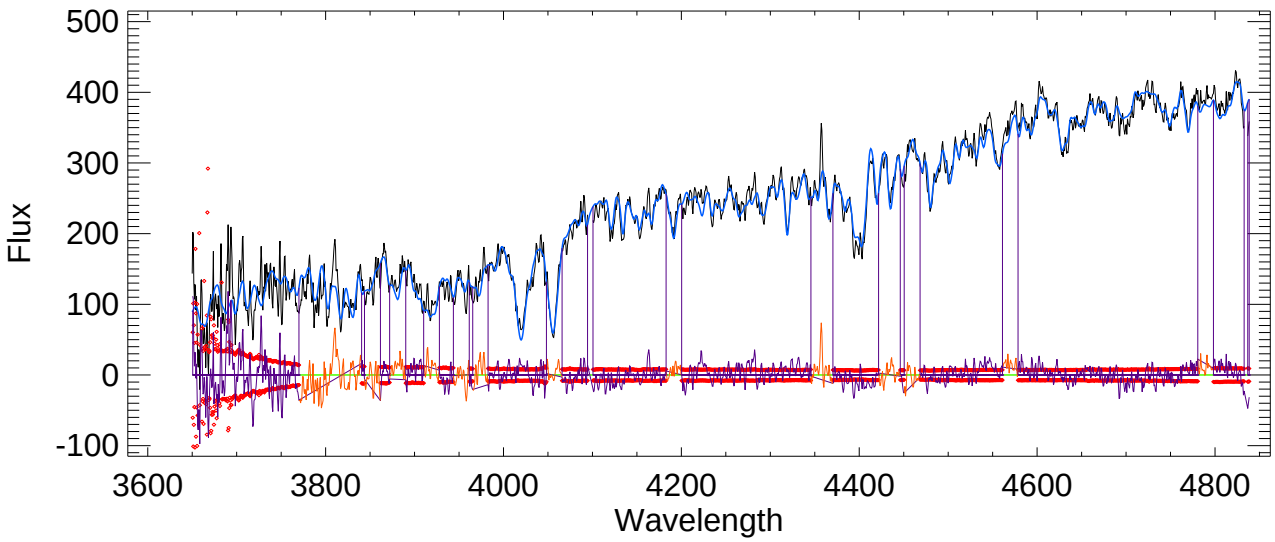

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

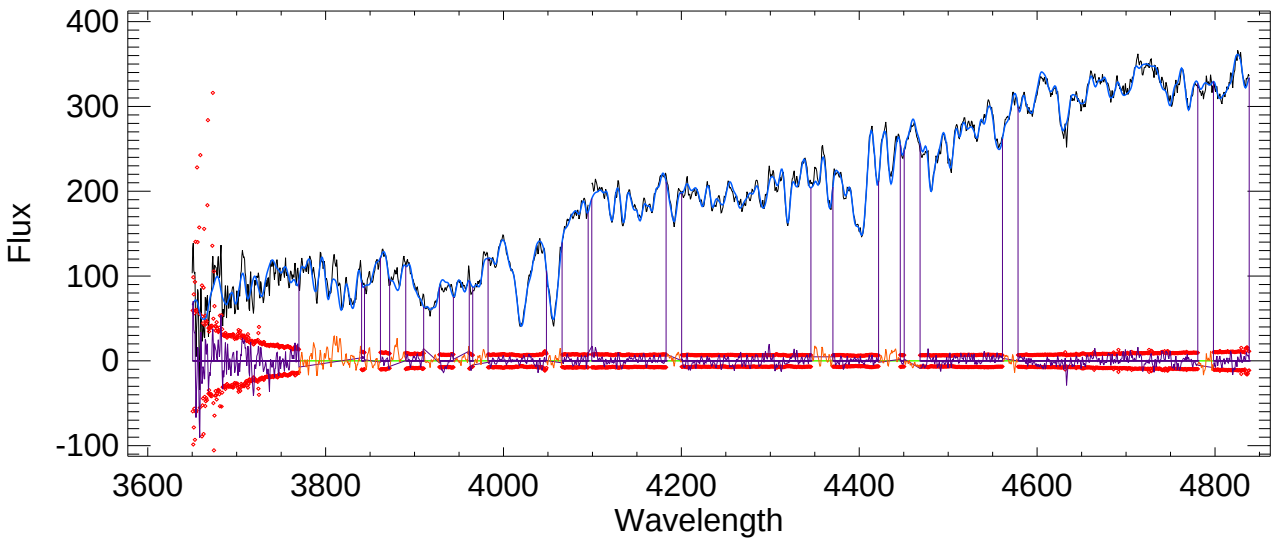

600
400
200
0
-200
-400
-600
Flux
3600
3800
4000
4200
4400
4600
Wavelength

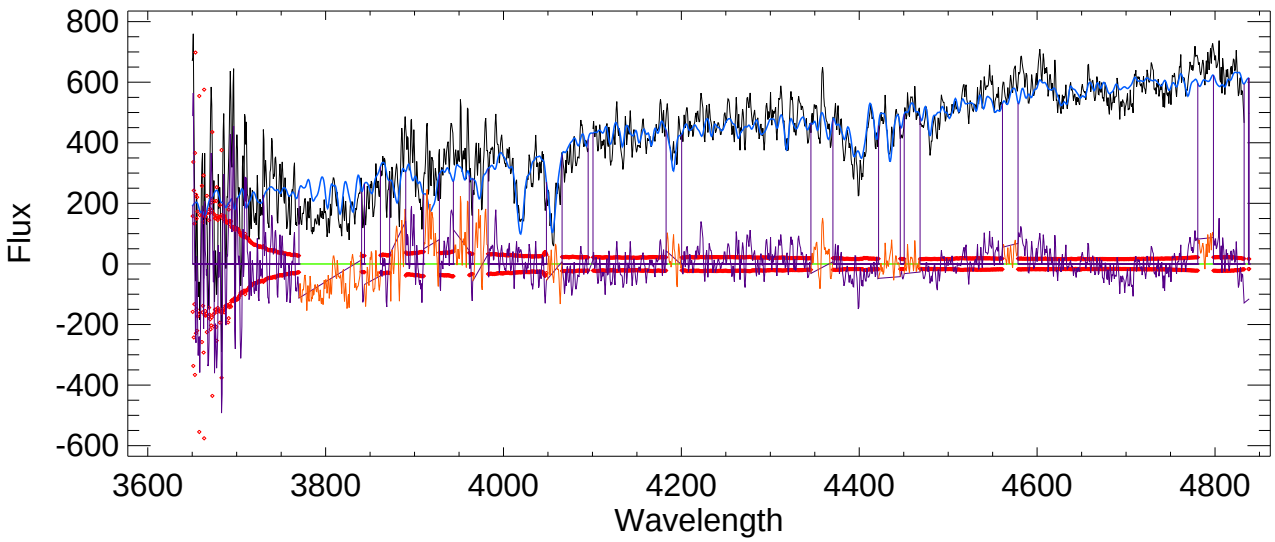

600
400
200
0
-200
-400
Flux
3600
3800
4000
4200
4400
4600
Wavelength

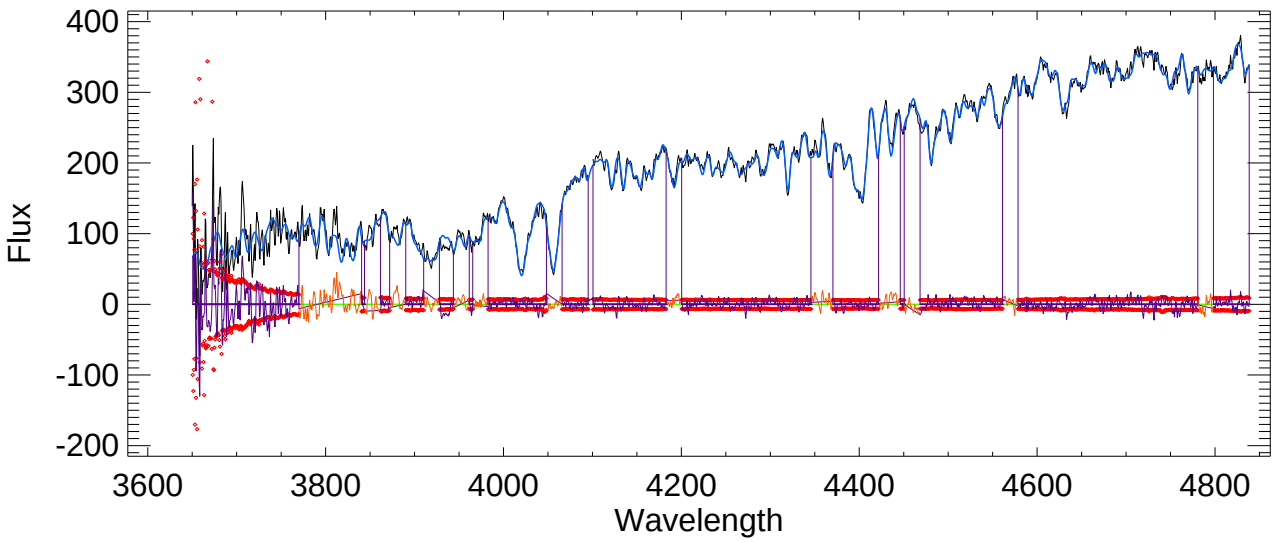

600
400
200
0
-200
Flux
3600
3800
4000
4200
4400
4600
Wavelength

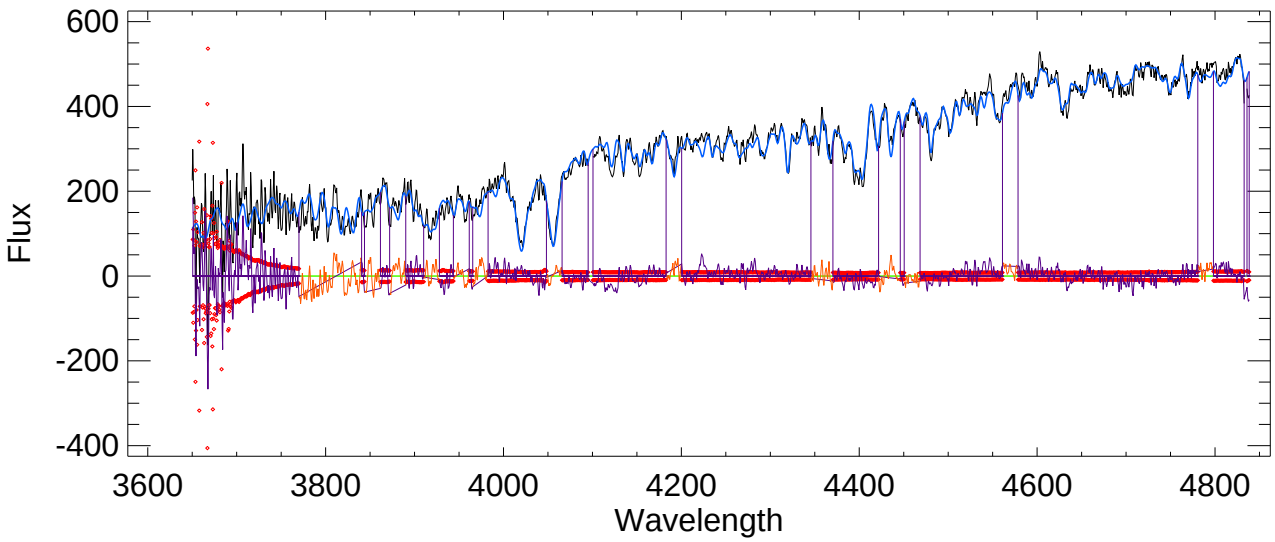

600
400
200
0
-200
-400
Flux
3600
3800
4000
4200
4400
4600
Wavelength

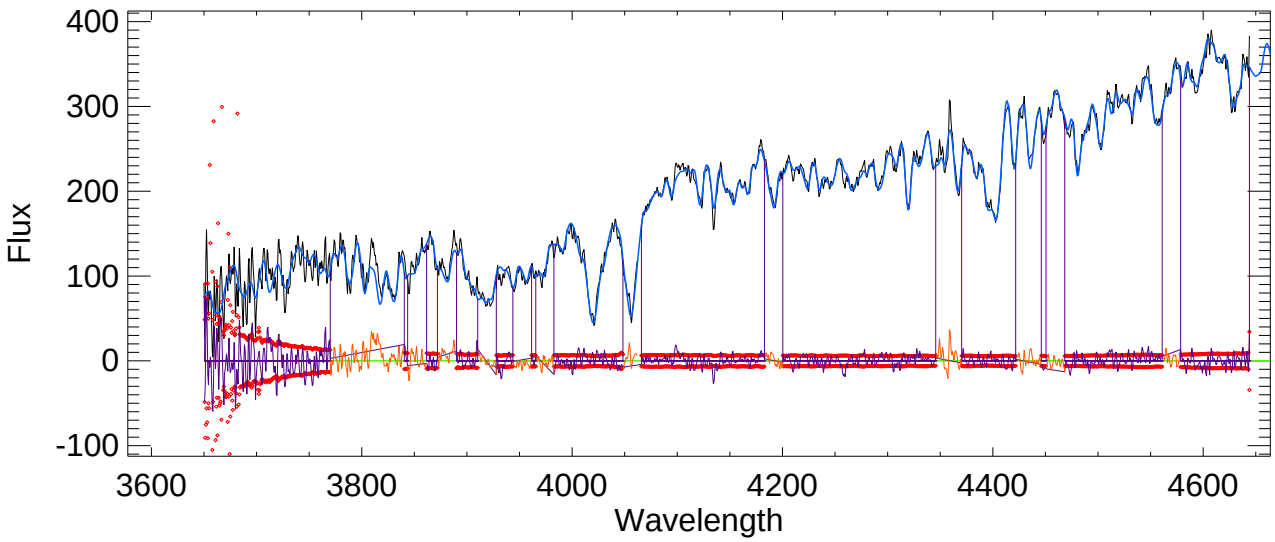

500
400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

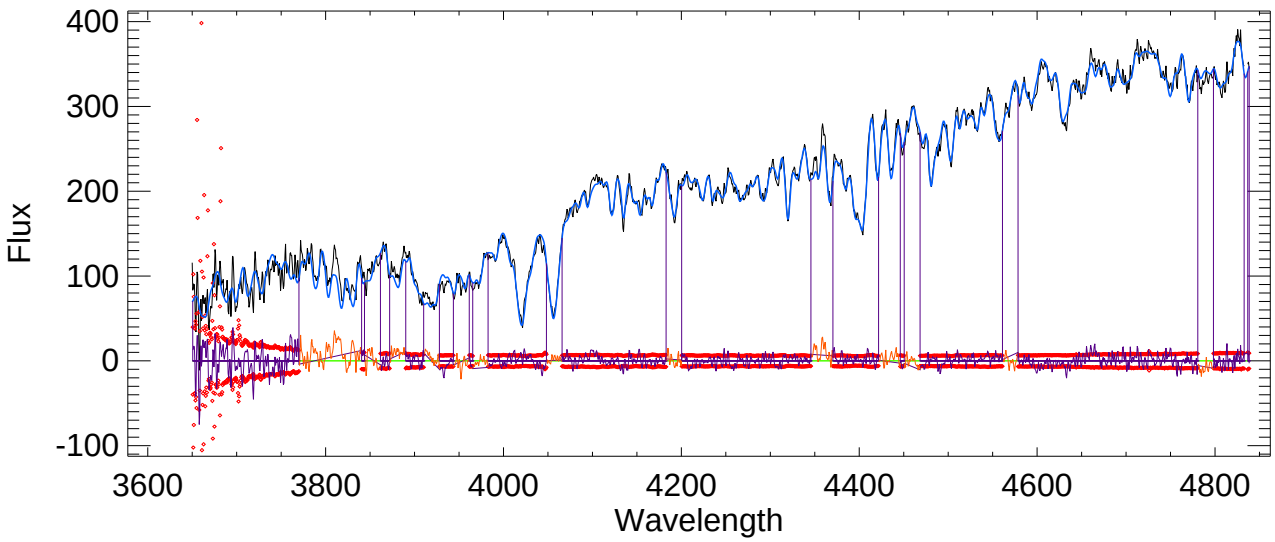

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

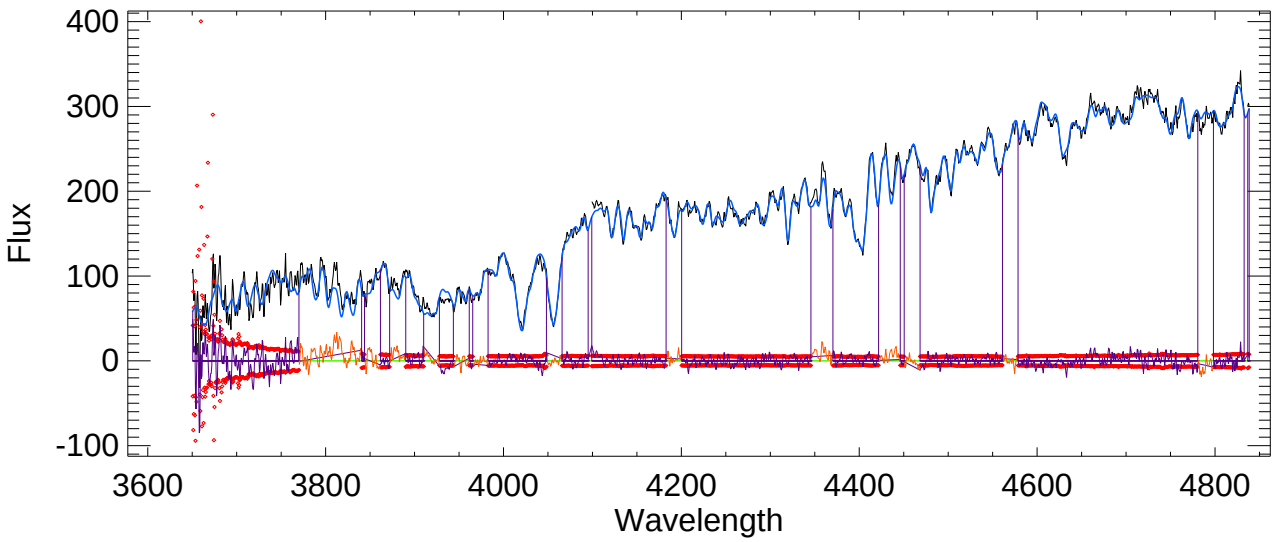

800
600
400
200
0
-200
-400
-600
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

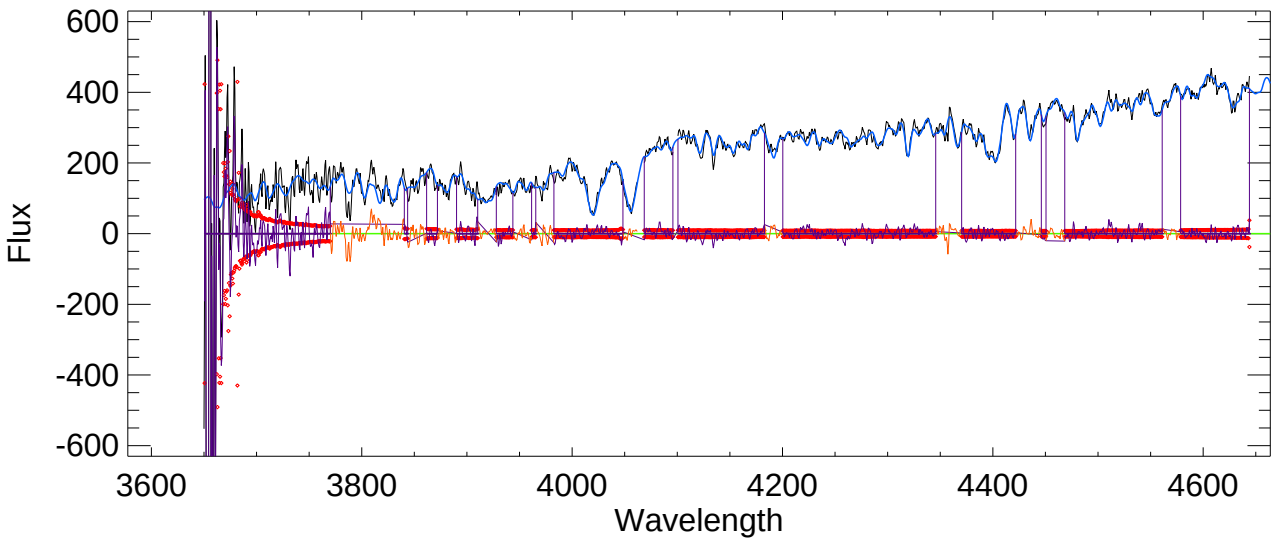

400
300
200
100
0
-100
-200
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

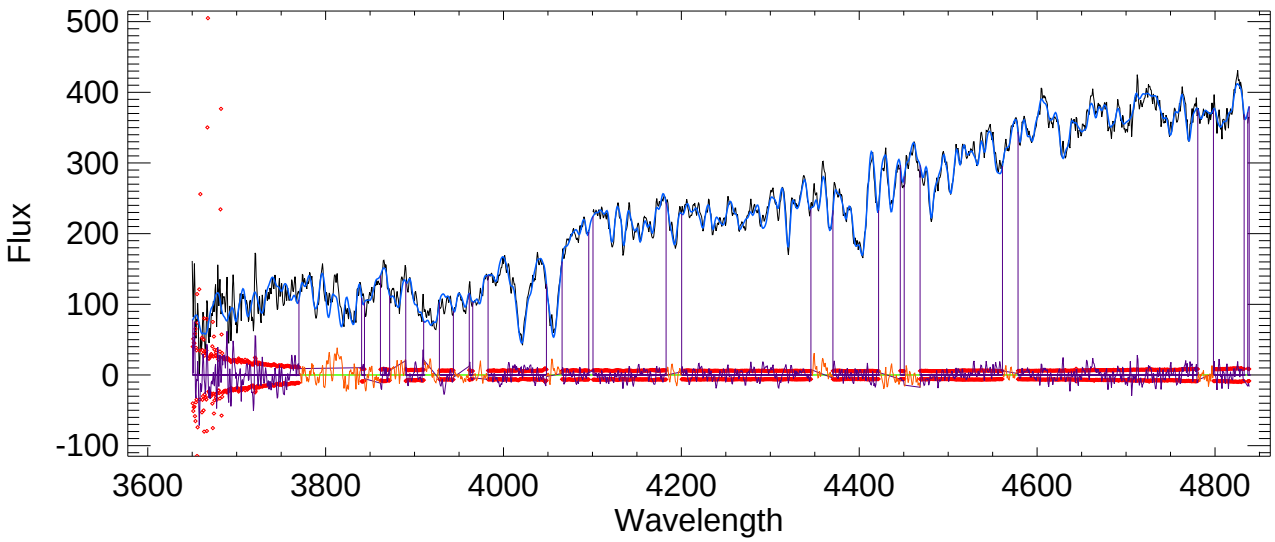

600
400
200
0
-200
-400
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

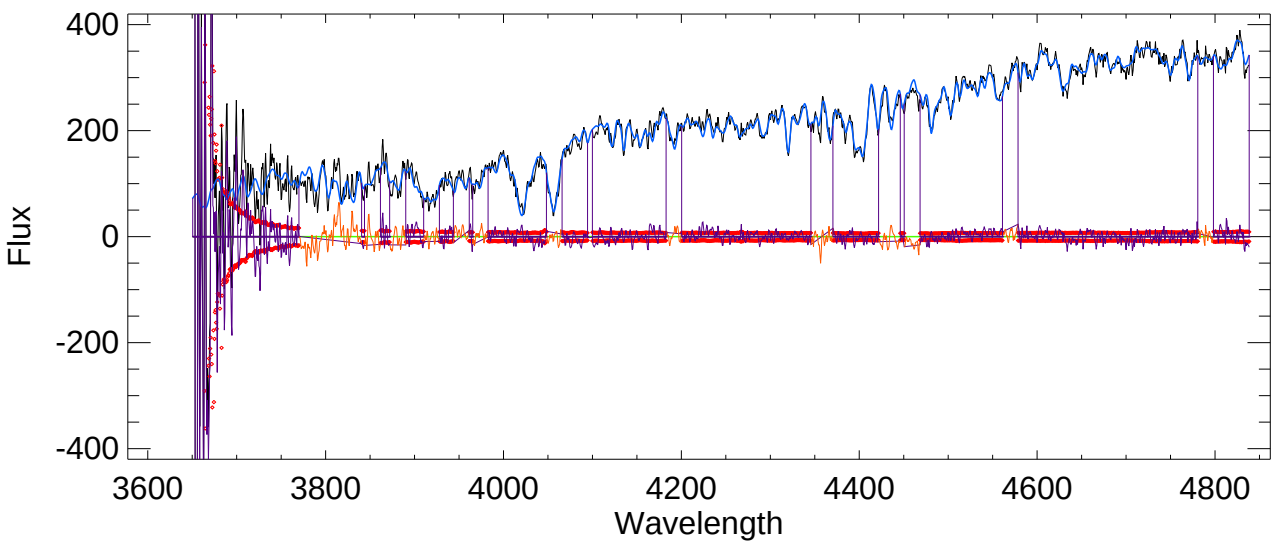

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
Wavelength

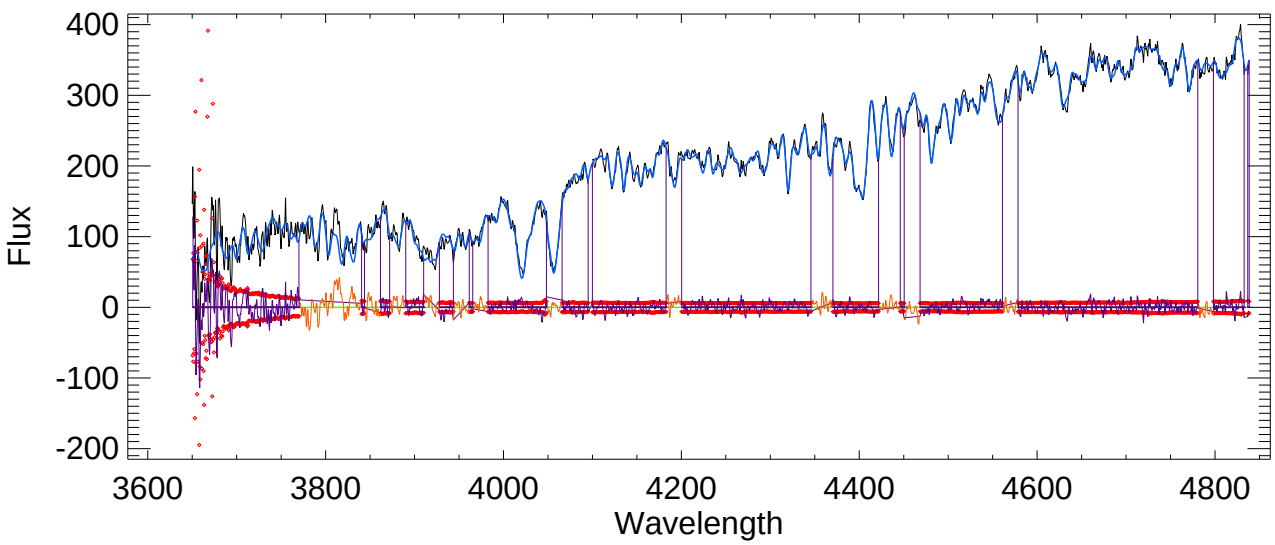

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

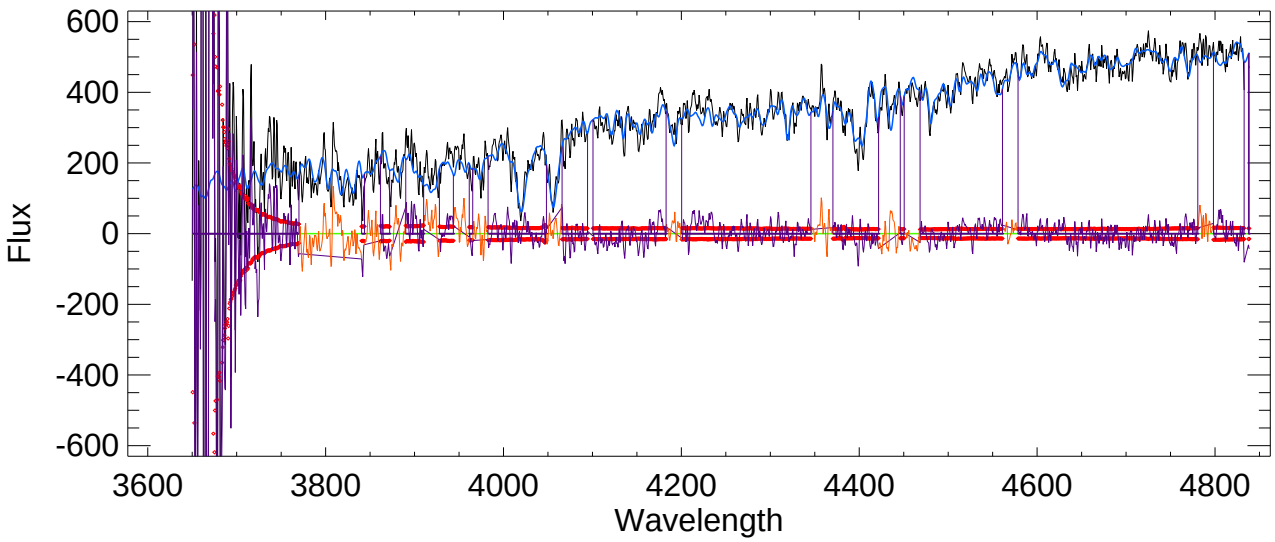

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

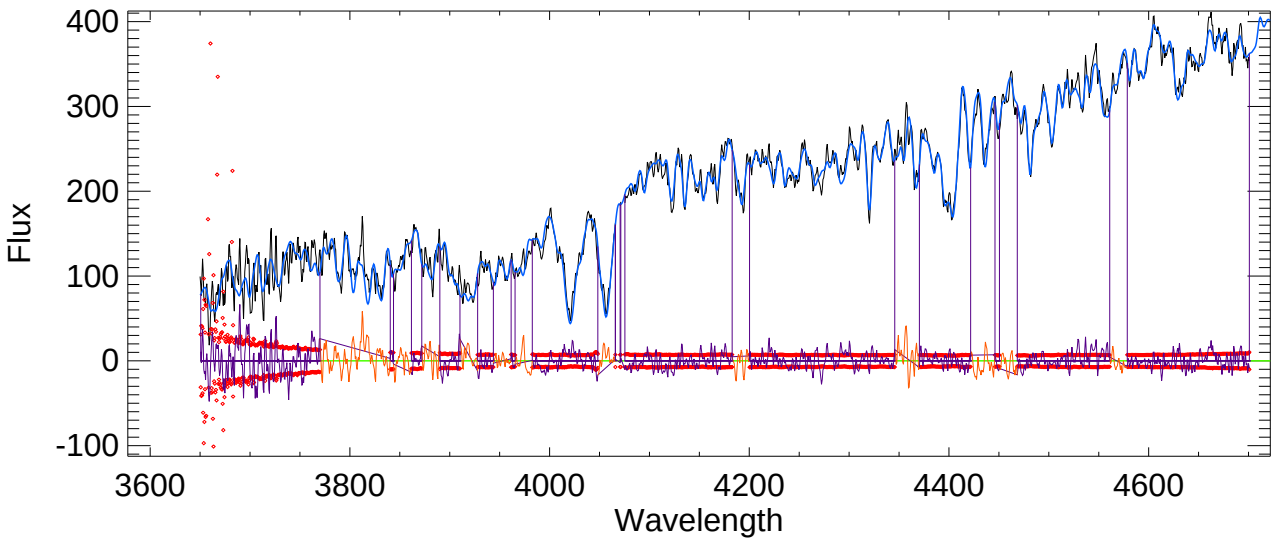

600
400
200
0
-200
-400
-600
Flux
3600
3800
4000
4200
4400
4600
Wavelength

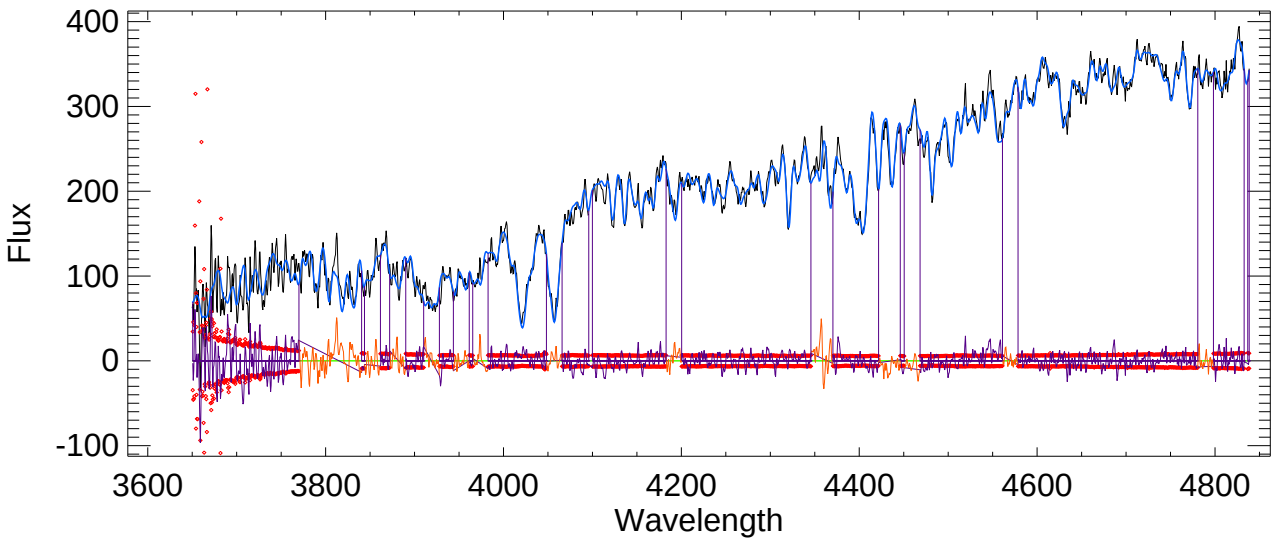

500
400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

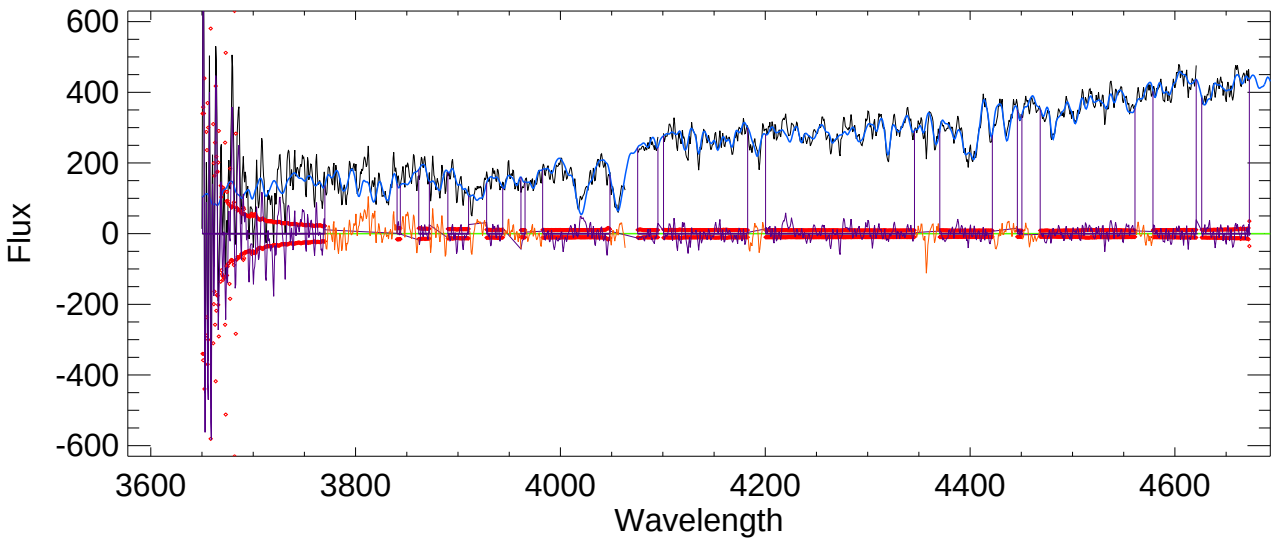

400
200
0
-200
-400
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

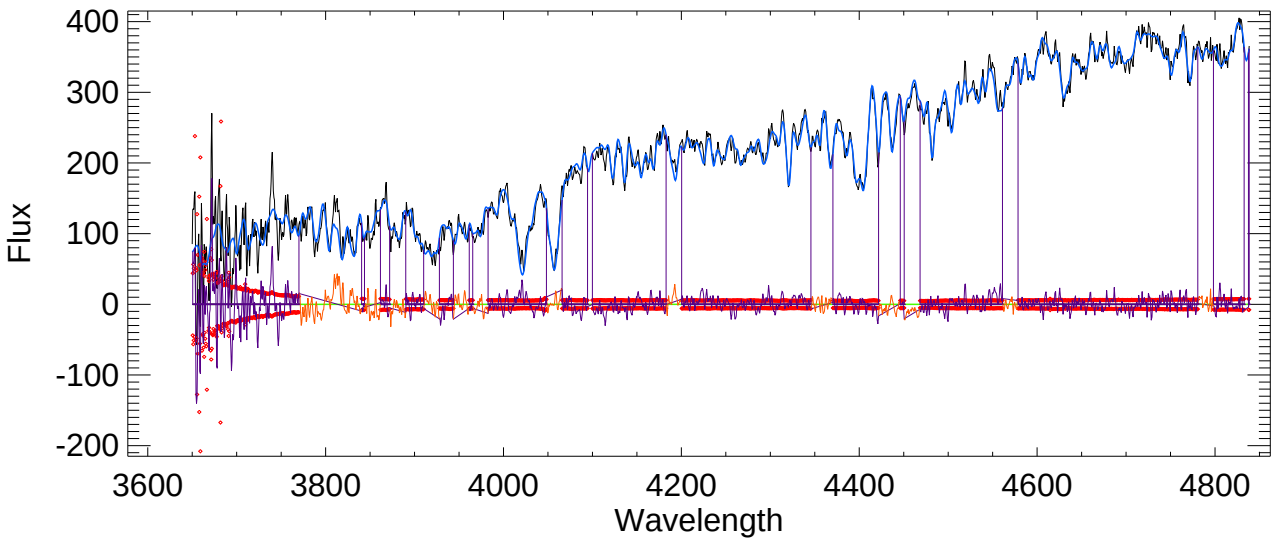

400
300
200
100
0
-100
-200
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

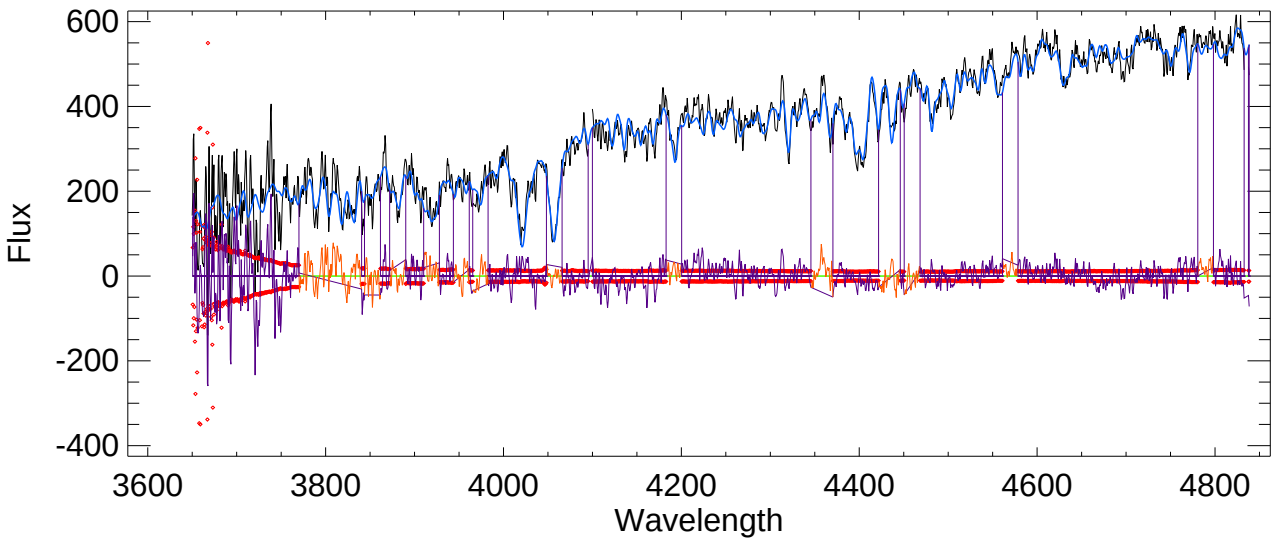

600
400
200
0
-200
-400
-600
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

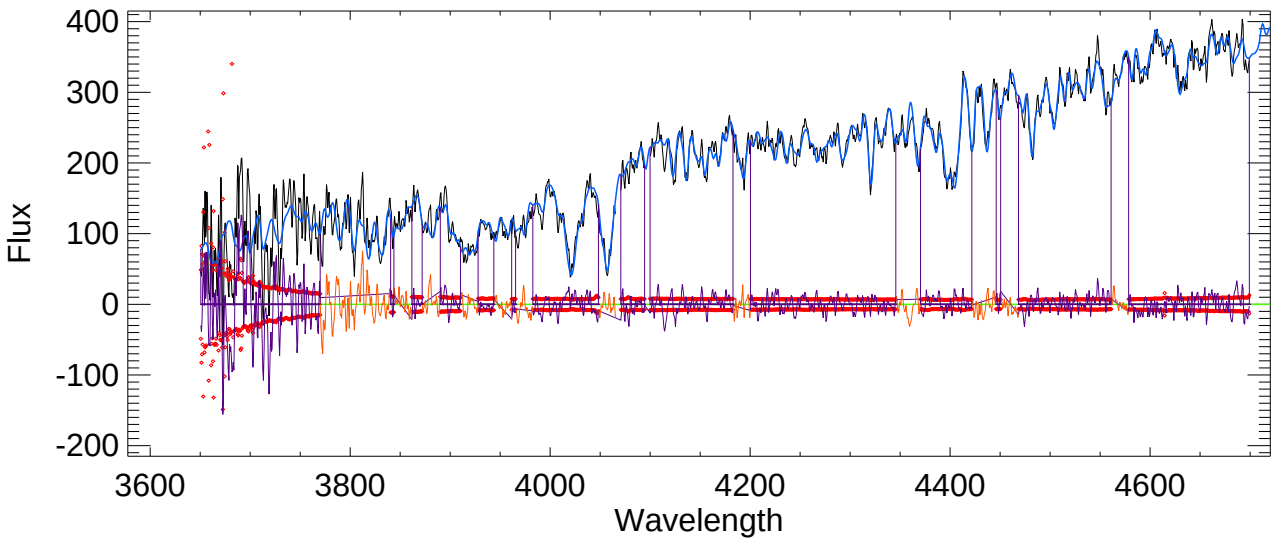

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
Wavelength

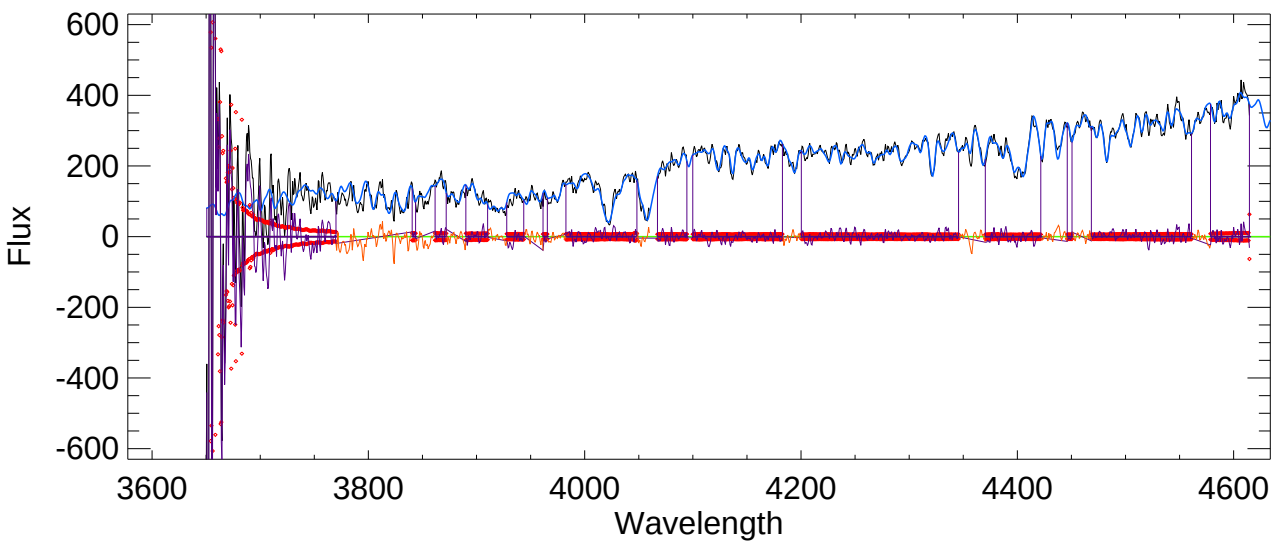

400
300
200
100
0
-100
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

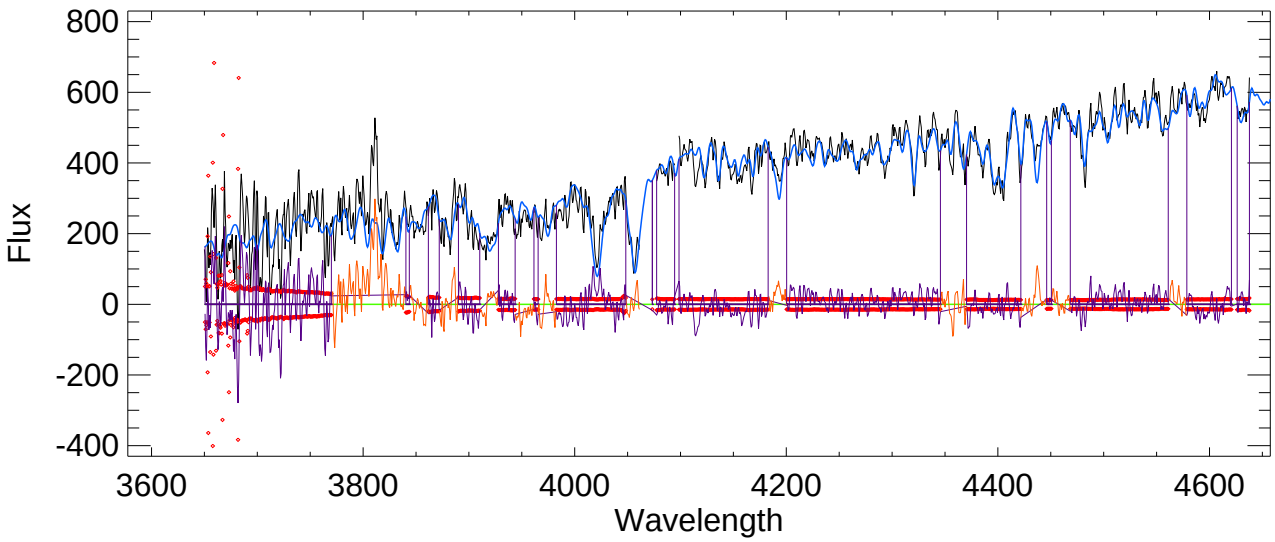

600
400
200
0
-200
-400
-600
Flux
3600
3800
4000
4200
4400
4600
Wavelength

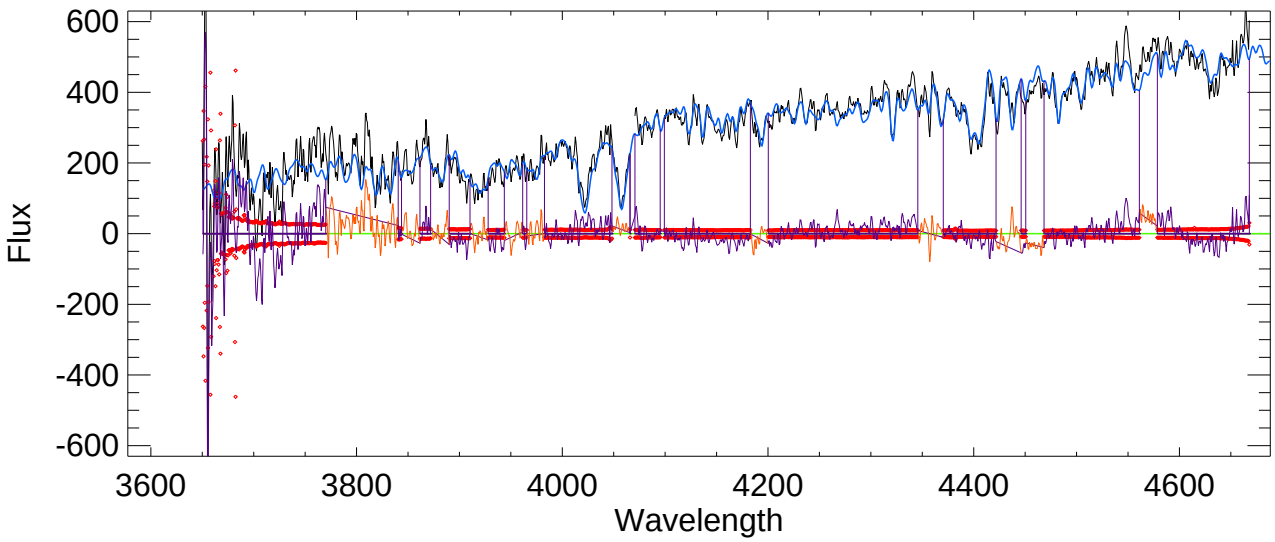

400
300
200
100
0
-100
-200
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

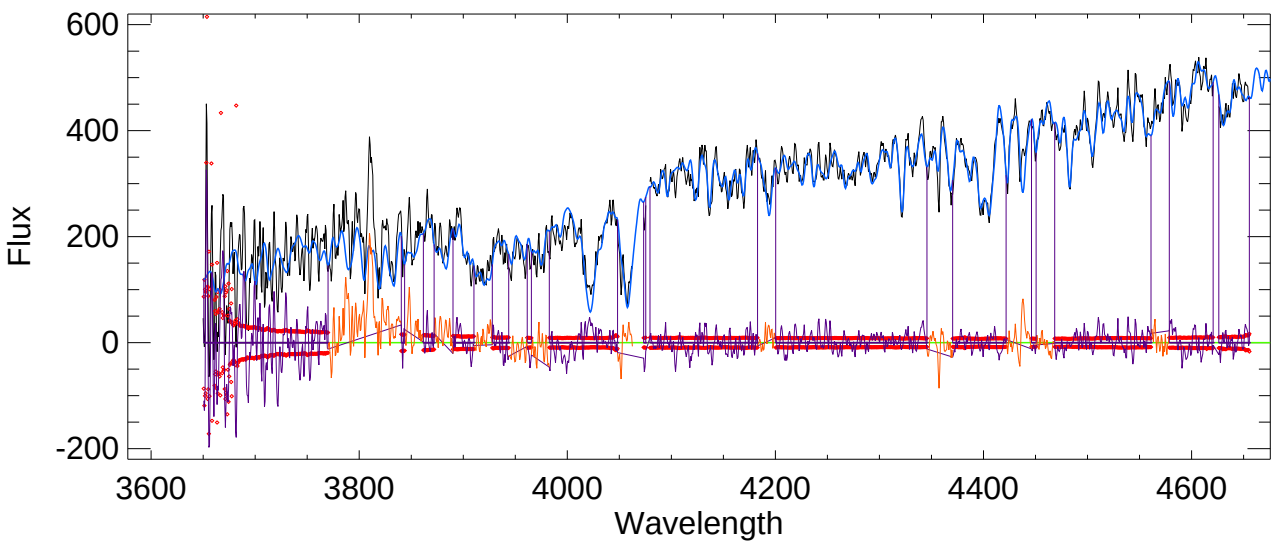

600
400
200
0
-200
-400
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength

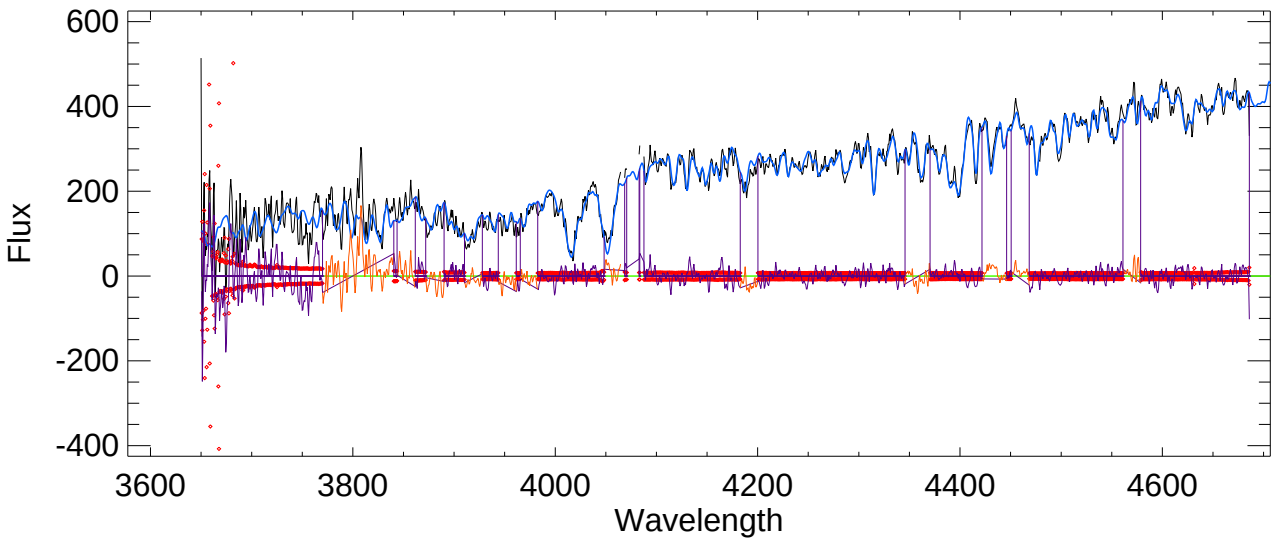

400
300
200
100
0
-100
-200
Flux
3600
3800
4000
4200
4400
4600
Wavelength

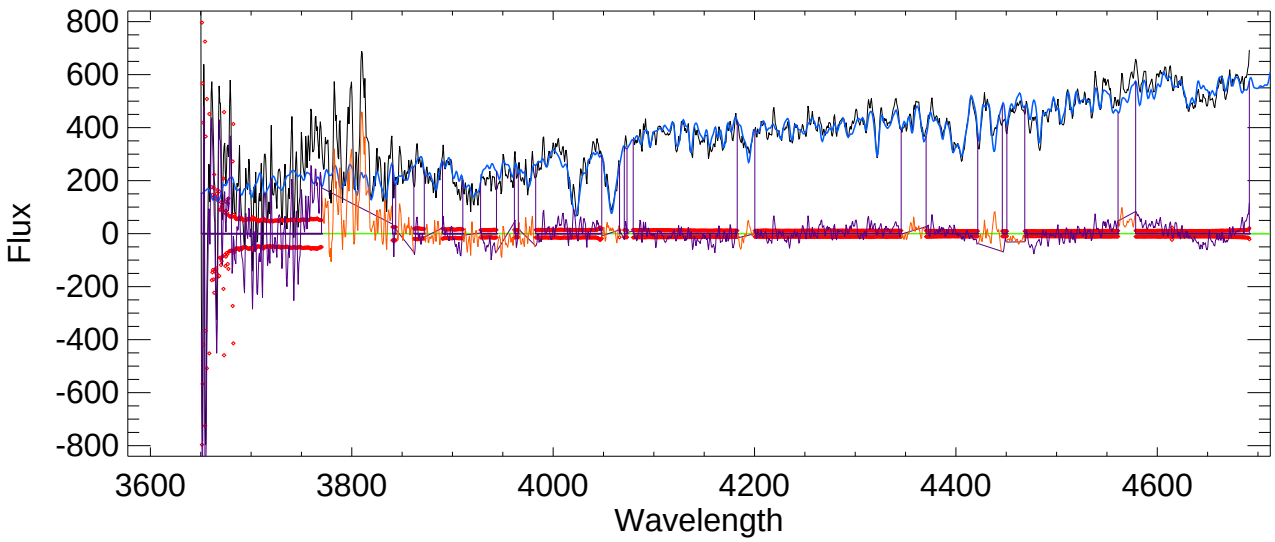

600
400
200
0
-200
-400
-600
Flux
3600
3800
4000
4200
4400
4600
Wavelength

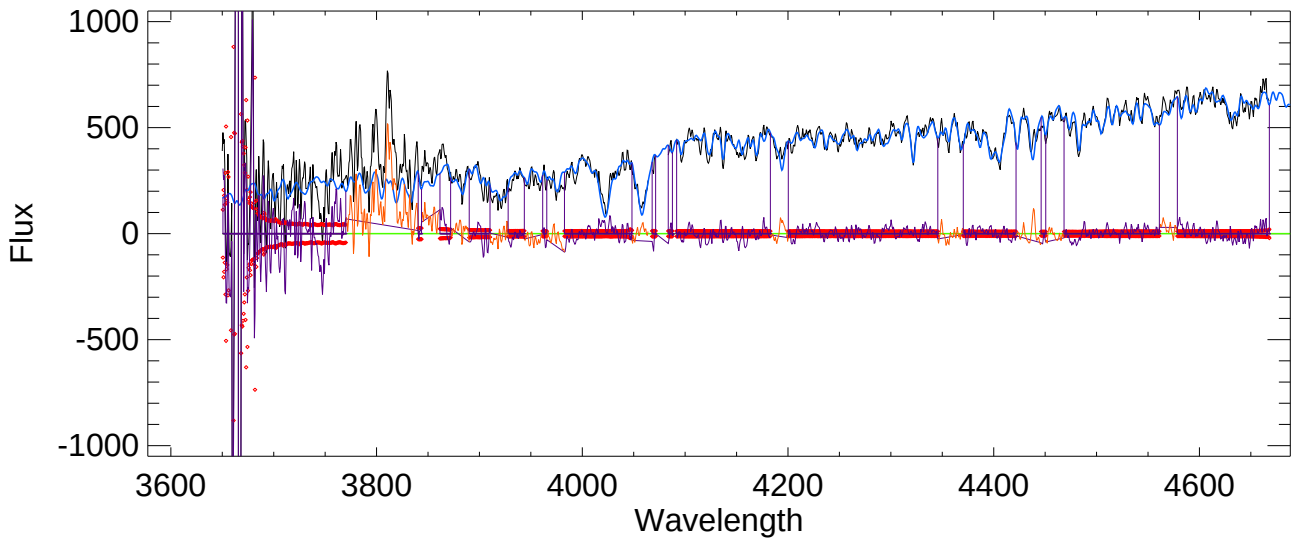

800
600
400
200
0
-200
-400
Flux
3600
3800
4000
4200
4400
4600
Wavelength

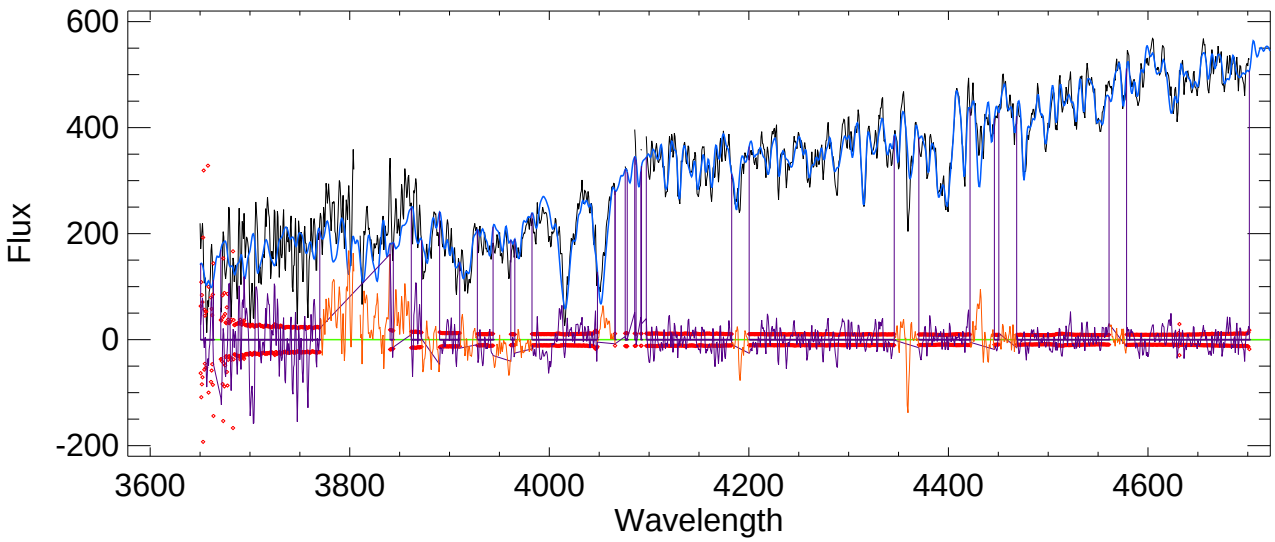

600
400
200
0
-200
-400
-600
Flux
3600
3800
4000
4200
4400
4600
Wavelength

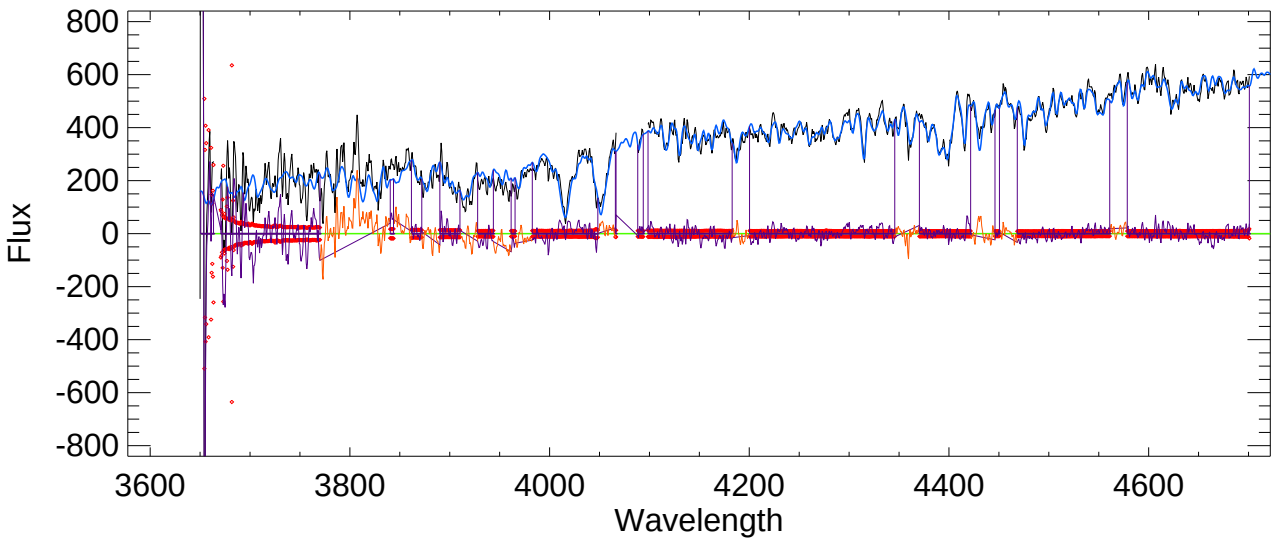

600
400
200
0
-200
Flux
3600
3800
4000
4200
4400
4600
Wavelength

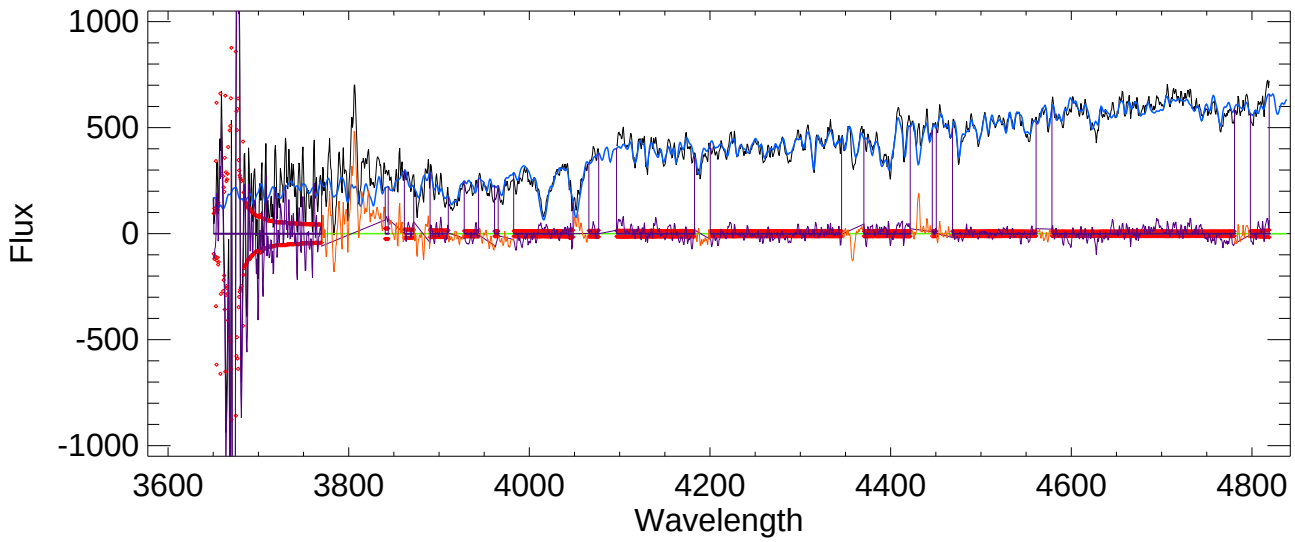

600
400
200
0
-200
-400
Flux
3600
3800
4000
4200
4400
4600
Wavelength

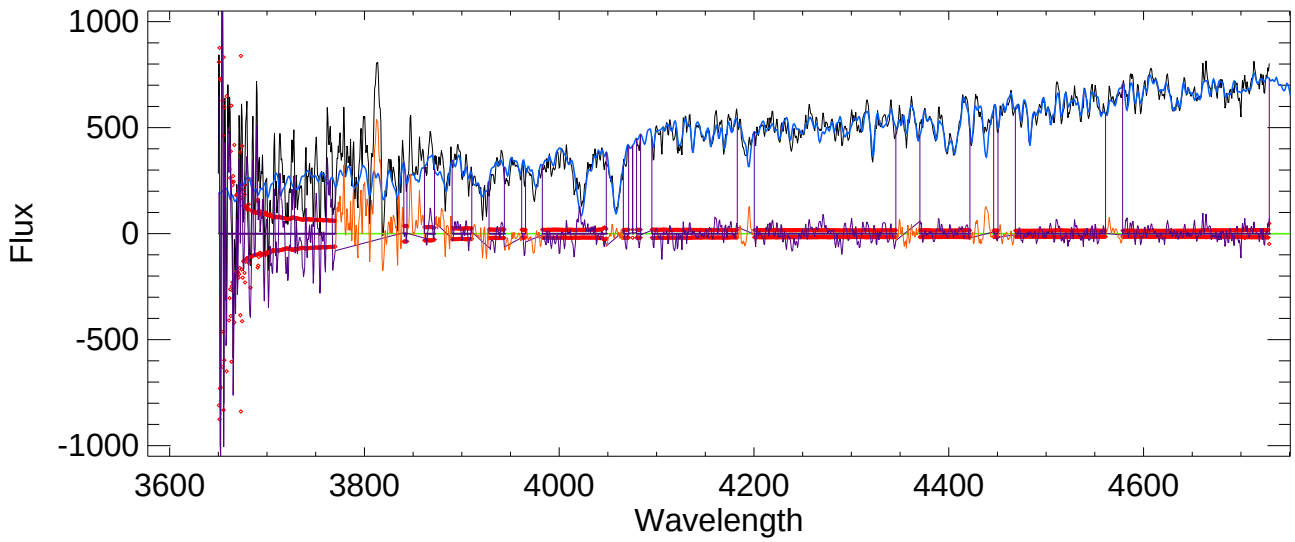

800
600
400
200
0
-200
-400
-600
-800
Flux
3600
3800
4000
4200
4400
4600
Wavelength


1000
500
0
-500
-1000
Flux
3600
3800
4000
4200
4400
4600
Wavelength


600
400
200
0
-200
Flux
3600
3800
4000
4200
4400
4600
Wavelength


800
600
400
200
0
-200
-400
-600
-800
Flux
3600
3800
4000
4200
4400
4600
Wavelength


1000
500
0
-500
-1000
Flux
3600
3800
4000
4200
4400
4600
4800
Wavelength


1000
500
0
-500
-1000
Flux
3600
3800
4000
4200
4400
4600
Wavelength