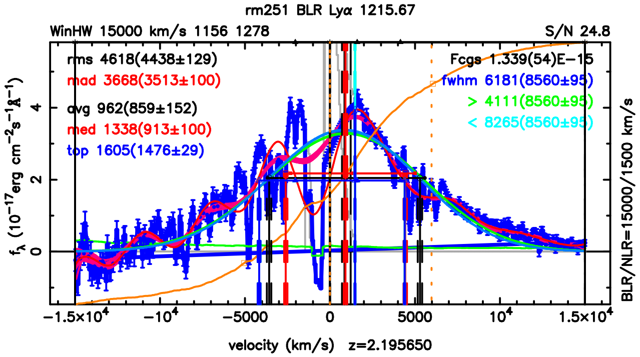
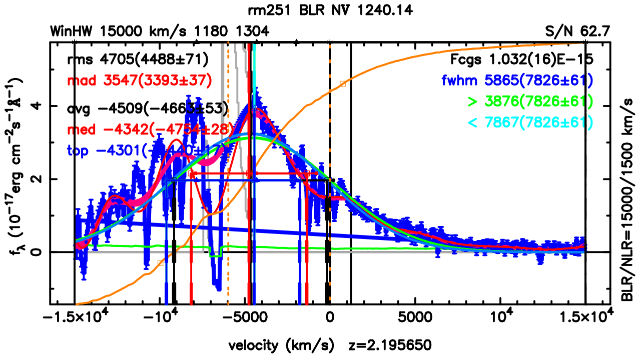
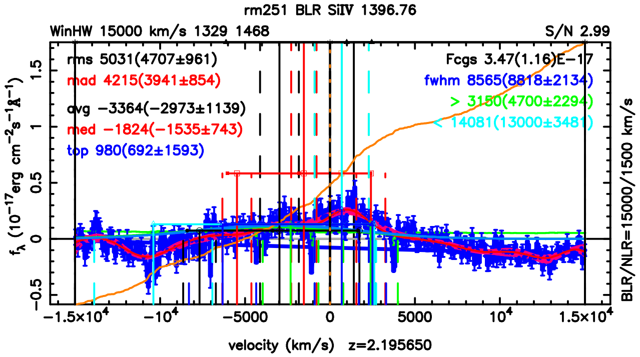
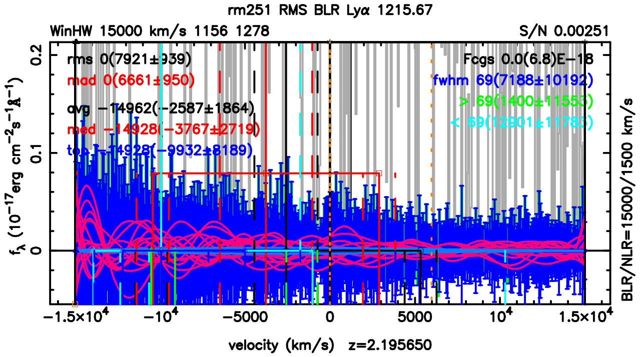
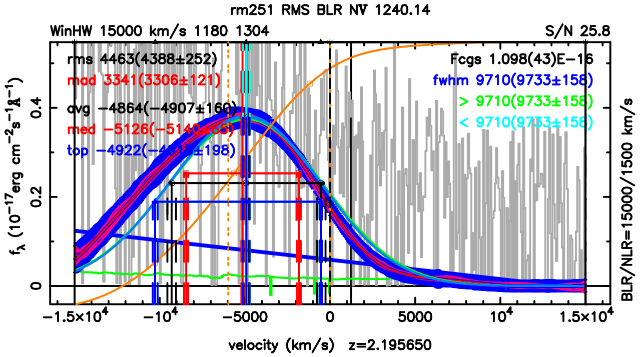
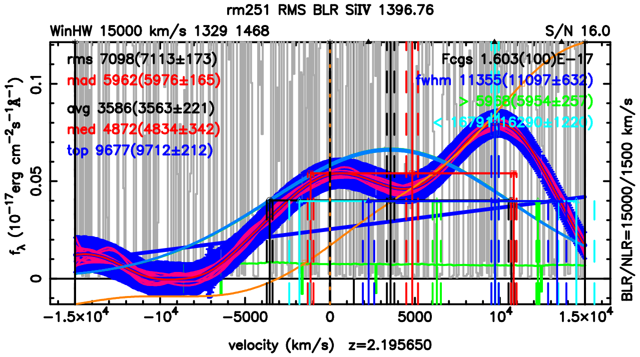

rm251 BLR Lyα 1215.67
WinHW 15000 km/s 1156 1278
S/N 24.8
rms 4618(4438±129)
mad 3668(3513±100)
avg 962(859±152)
med 1338(913±100)
top 1605(1476±29)
Fcgs 1.339(54)E−15
fwhm 6181(8560±95)
> 4111(8560±95)
< 8265(8560±95)
fλ (10−17erg cm−2s−1Å−1)
0
2
4
BLR/NLR=15000/1500 km/s
−1.5×10^4
−10^4
−5000
0
5000
10^4
1.5×10^4
velocity (km/s) z=2.195650

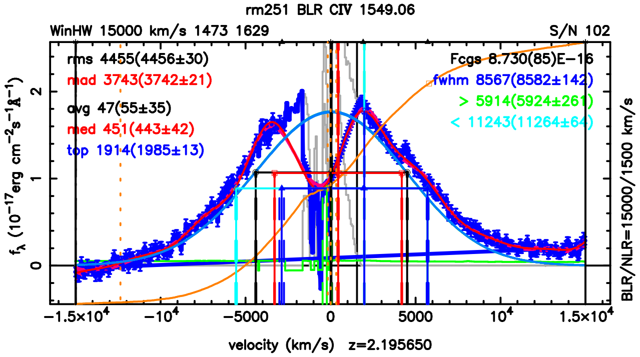

rm251 BLR NV 1240.14
WinHW 15000 km/s 1180 1304
S/N 62.7
rms 4705(4488±71)
mad 3547(3393±37)
avg −4509(−4663±53)
med −4342(−4754±28)
top −4301(−4440±17)
Fcgs 1.032(16)E−15
fwhm 5865(7826±61)
> 3876(7826±61)
< 7867(7826±61)
fλ (10−17erg cm−2s−1Å−1)
0
2
4
BLR/NLR=15000/1500 km/s
−1.5×10^4
−10^4
−5000
0
5000
10^4
1.5×10^4
velocity (km/s) z=2.195650

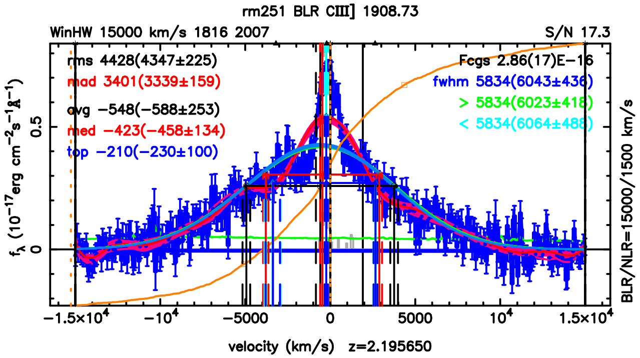

rm251 BLR SiIV 1396.76
WinHW 15000 km/s 1329 1468
S/N 2.99
rms 5031(4707±961)
mad 4215(3941±854)
avg −3364(−2973±1139)
med −1824(−1535±743)
top 980(692±1593)
Fcgs 3.47(1.16)E−17
fwhm 8565(8818±2134)
> 3150(4700±2294)
< 14081(13000±3481)
fλ (10−17erg cm−2s−1Å−1)
−0.5
0
0.5
1
1.5
BLR/NLR=15000/1500 km/s
−1.5×10^4
−10^4
−5000
0
5000
10^4
1.5×10^4
velocity (km/s) z=2.195650

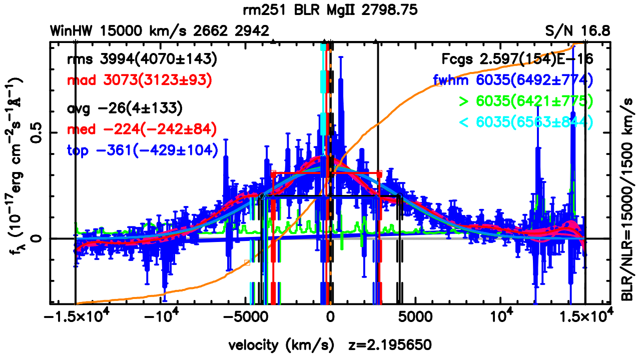

rm251 RMS BLR Lyα 1215.67
WinHW 15000 km/s 1156 1278
S/N 0.00251
rms 0(7921±939)
mad 0(6661±950)
avg −14962(−2587±1864)
med −14928(−3767±2719)
top −14928(−9932±8189)
Fcgs 0.0(6.8)E−18
fwhm 69(7188±10192)
> 69(1400±11553)
< 69(12901±11783)
fλ (10−17erg cm−2s−1Å−1)
0
0.1
0.2
BLR/NLR=15000/1500 km/s
−1.5×10^4
−10^4
−5000
0
5000
10^4
1.5×10^4
velocity (km/s) z=2.195650

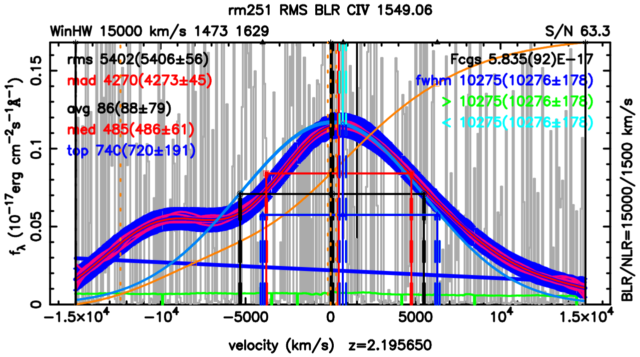

rm251 RMS BLR NV 1240.14
WinHW 15000 km/s 1180 1304
S/N 25.8
rms 4463(4388±252)
mad 3341(3306±121)
avg −4864(−4907±160)
med −5126(−5140±65)
top −4922(−4[illegible]±198)
Fcgs 1.098(43)E−16
fwhm 9710(9733±158)
> 9710(9733±158)
< 9710(9733±158)
fλ (10−17erg cm−2s−1Å−1)
0
0.2
0.4
BLR/NLR=15000/1500 km/s
−1.5×10^4
−10^4
−5000
0
5000
10^4
1.5×10^4
velocity (km/s) z=2.195650

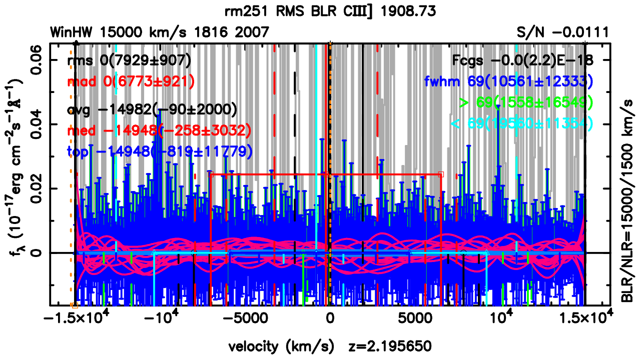

rm251 RMS BLR SiIV 1396.76
WinHW 15000 km/s 1329 1468
S/N 16.0
rms 7098(7113±173)
mad 5962(5976±165)
avg 3586(3563±221)
med 4872(4834±342)
top 9677(9712±212)
Fcgs 1.603(100)E−17
fwhm 11355(11097±632)
> 5968(5954±257)
< 16791(16290±1220)
fλ (10−17erg cm−2s−1Å−1)
0
0.05
0.1
BLR/NLR=15000/1500 km/s
−1.5×10^4
−10^4
−5000
0
5000
10^4
1.5×10^4
velocity (km/s) z=2.195650

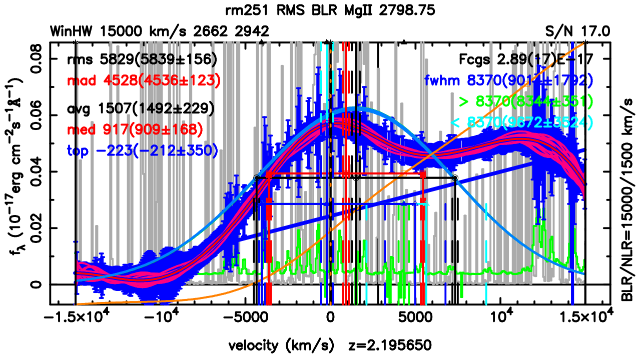

rm251 BLR CIV 1549.06
WinHW 15000 km/s 1473 1629
S/N 102
rms 4455(4456±30)
mad 3743(3742±21)
avg 47(55±35)
med 451(443±42)
top 1914(1985±13)
Fcgs 8.730(85)E−16
fwhm 8567(8582±142)
> 5914(5924±261)
< 11243(11264±64)
fλ (10−17erg cm−2s−1Å−1)
0
1
2
BLR/NLR=15000/1500 km/s
−1.5×10^4
−10^4
−5000
0
5000
10^4
1.5×10^4
velocity (km/s) z=2.195650


rm251 BLR CIII] 1908.73
WinHW 15000 km/s 1816 2007
S/N 17.3
rms 4428(4347±225)
mad 3401(3339±159)
avg −548(−588±253)
med −423(−458±134)
top −210(−230±100)
Fcgs 2.86(17)E−16
fwhm 5834(6043±436)
> 5834(6023±418)
< 5834(6064±488)
fλ (10−17erg cm−2s−1Å−1)
0
0.5
BLR/NLR=15000/1500 km/s
−1.5×10^4
−10^4
−5000
0
5000
10^4
1.5×10^4
velocity (km/s) z=2.195650


rm251 BLR MgII 2798.75
WinHW 15000 km/s 2662 2942
S/N 16.8
rms 3994(4070±143)
mad 3073(3123±93)
avg −26(4±133)
med −224(−242±84)
top −361(−429±104)
Fcgs 2.597(154)E−16
fwhm 6035(6492±774)
> 6035(6421±775)
< 6035(6563±844)
fλ (10−17erg cm−2s−1Å−1)
0
0.5
BLR/NLR=15000/1500 km/s
−1.5×10^4
−10^4
−5000
0
5000
10^4
1.5×10^4
velocity (km/s) z=2.195650


rm251 RMS BLR CIV 1549.06
WinHW 15000 km/s 1473 1629
S/N 63.3
rms 5402(5406±56)
mad 4270(4273±45)
avg 86(88±79)
med 485(486±61)
top 740(720±191)
Fcgs 5.835(92)E−17
fwhm 10275(10276±178)
> 10275(10276±178)
< 10275(10276±178)
fλ (10−17erg cm−2s−1Å−1)
0
0.05
0.1
0.15
BLR/NLR=15000/1500 km/s
−1.5×10^4
−10^4
−5000
0
5000
10^4
1.5×10^4
velocity (km/s) z=2.195650


rm251 RMS BLR CIII] 1908.73
WinHW 15000 km/s 1816 2007
S/N −0.0111
rms 0(7929±907)
mad 0(6773±921)
avg −14982(−90±2000)
med −14948(−258±3032)
top −14948(−819±11779)
Fcgs −0.0(2.2)E−18
fwhm 69(10561±12333)
> 69(1558±16549)
< 69(19560±11354)
fλ (10−17erg cm−2s−1Å−1)
0
0.02
0.04
0.06
BLR/NLR=15000/1500 km/s
−1.5×10^4
−10^4
−5000
0
5000
10^4
1.5×10^4
velocity (km/s) z=2.195650


rm251 RMS BLR MgII 2798.75
WinHW 15000 km/s 2662 2942
S/N 17.0
rms 5829(5839±156)
mad 4528(4536±123)
avg 1507(1492±229)
med 917(909±168)
top −223(−212±350)
Fcgs 2.89(17)E−17
fwhm 8370(9014±1792)
> 8370(8344±351)
< 8370(9672±3524)
fλ (10−17erg cm−2s−1Å−1)
0
0.02
0.04
0.06
0.08
BLR/NLR=15000/1500 km/s
−1.5×10^4
−10^4
−5000
0
5000
10^4
1.5×10^4
velocity (km/s) z=2.195650