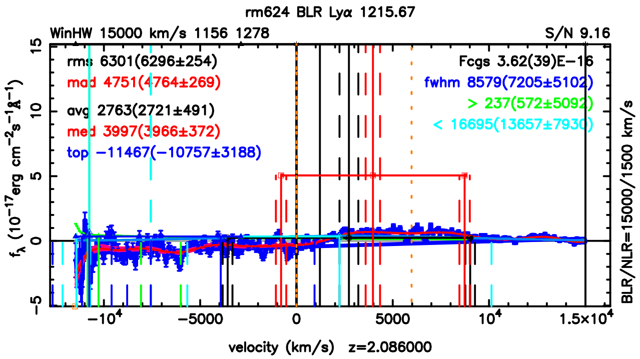
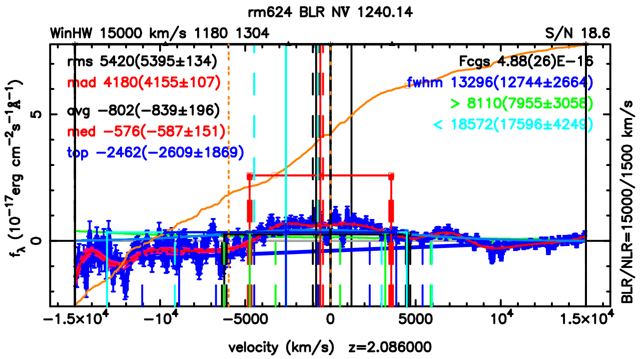
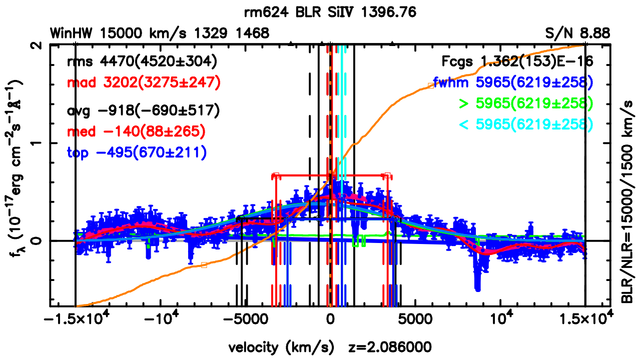
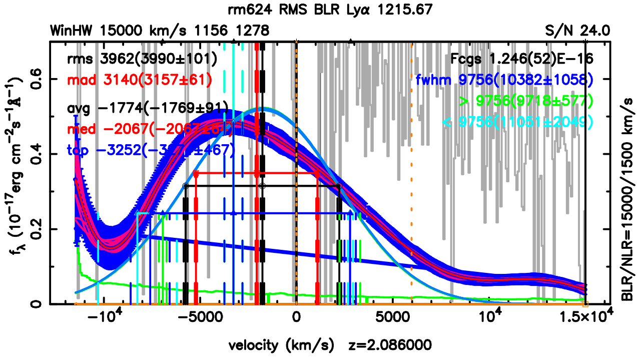
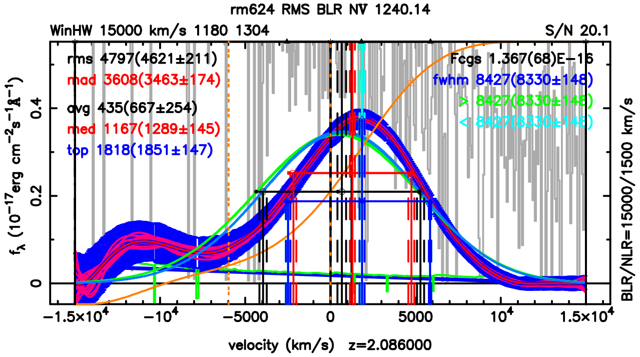
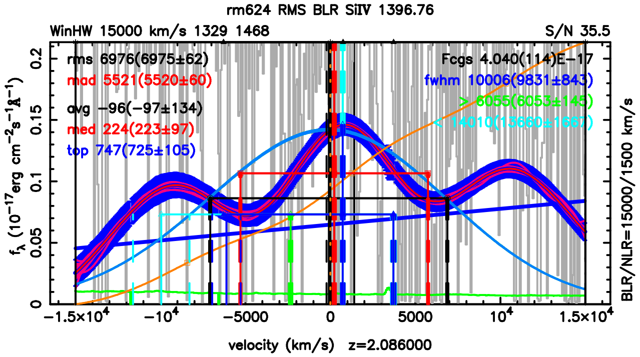

rm624 BLR Lyα 1215.67
WinHW 15000 km/s 1156 1278
S/N 9.16
rms 6301(6296±254)
mad 4751(4764±269)
avg 2763(2721±491)
med 3997(3966±372)
top −11467(−10757±3188)
Fcgs 3.62(39)E−16
fwhm 8579(7205±5102)
> 237(572±5092)
< 16695(13657±7930)
fλ (10−17erg cm−2s−1Å−1)
15
10
5
0
−5
BLR/NLR=15000/1500 km/s
−10⁴
−5000
0
5000
10⁴
1.5×10⁴
velocity (km/s) z=2.086000

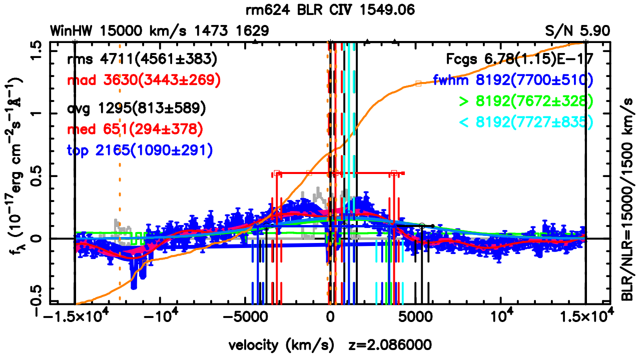

rm624 BLR NV 1240.14
WinHW 15000 km/s 1180 1304
S/N 18.6
rms 5420(5395±134)
mad 4180(4155±107)
avg −802(−839±196)
med −576(−587±151)
top −2462(−2609±1869)
Fcgs 4.88(26)E−16
fwhm 13296(12744±2664)
> 8110(7955±3058)
< 18572(17596±4249)
fλ (10−17erg cm−2s−1Å−1)
5
0
BLR/NLR=15000/1500 km/s
−1.5×10⁴
−10⁴
−5000
0
5000
10⁴
1.5×10⁴
velocity (km/s) z=2.086000

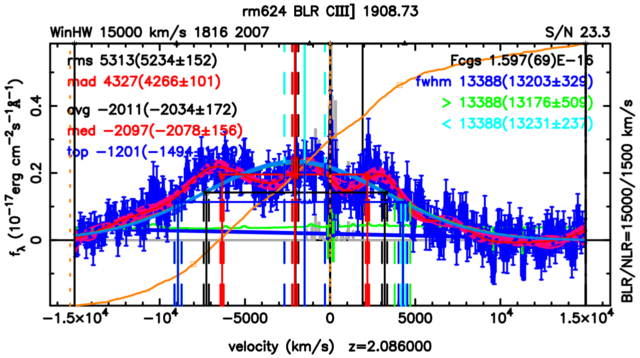

rm624 BLR SiIV 1396.76
WinHW 15000 km/s 1329 1468
S/N 8.88
rms 4470(4520±304)
mad 3202(3275±247)
avg −918(−690±517)
med −140(88±265)
top −495(670±211)
Fcgs 1.362(153)E−16
fwhm 5965(6219±258)
> 5965(6219±258)
< 5965(6219±258)
fλ (10−17erg cm−2s−1Å−1)
2
1
0
BLR/NLR=15000/1500 km/s
−1.5×10⁴
−10⁴
−5000
0
5000
10⁴
1.5×10⁴
velocity (km/s) z=2.086000

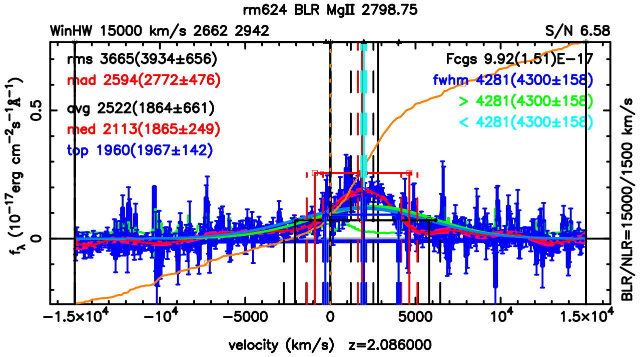

rm624 RMS BLR Lyα 1215.67
WinHW 15000 km/s 1156 1278
S/N 24.0
rms 3962(3990±101)
mad 3140(3157±61)
avg −1774(−1769±91)
med −2067(−2067±61)
top −3252(−3[illegible]±467)
Fcgs 1.246(52)E−16
fwhm 9756(10382±1058)
> 9756(9718±577)
< 9756(11051±2049)
fλ (10−17erg cm−2s−1Å−1)
0.6
0.4
0.2
0
BLR/NLR=15000/1500 km/s
−10⁴
−5000
0
5000
10⁴
1.5×10⁴
velocity (km/s) z=2.086000

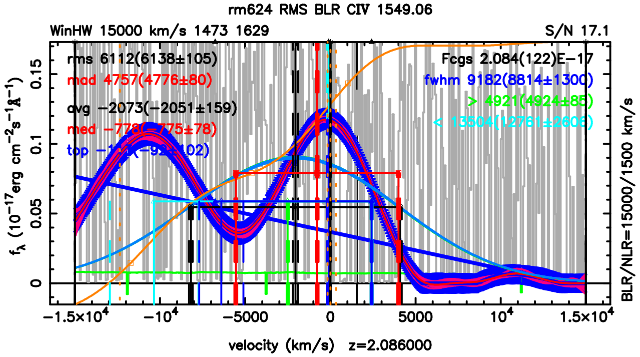

rm624 RMS BLR NV 1240.14
WinHW 15000 km/s 1180 1304
S/N 20.1
rms 4797(4621±211)
mad 3608(3463±174)
avg 435(667±254)
med 1167(1289±145)
top 1818(1851±147)
Fcgs 1.367(68)E−16
fwhm 8427(8330±148)
> 8427(8330±148)
< 8427(8330±148)
fλ (10−17erg cm−2s−1Å−1)
0.4
0.2
0
BLR/NLR=15000/1500 km/s
−1.5×10⁴
−10⁴
−5000
0
5000
10⁴
1.5×10⁴
velocity (km/s) z=2.086000

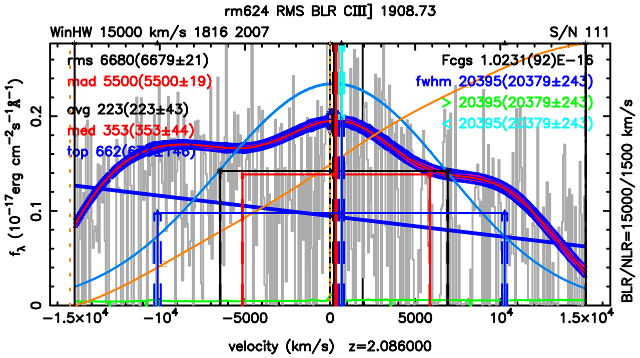

rm624 RMS BLR SiIV 1396.76
WinHW 15000 km/s 1329 1468
S/N 35.5
rms 6976(6975±62)
mad 5521(5520±60)
avg −96(−97±134)
med 224(223±97)
top 747(725±105)
Fcgs 4.040(114)E−17
fwhm 10006(9831±843)
> 6055(6053±145)
< 14010(13660±1667)
fλ (10−17erg cm−2s−1Å−1)
0.2
0.15
0.1
0.05
0
BLR/NLR=15000/1500 km/s
−1.5×10⁴
−10⁴
−5000
0
5000
10⁴
1.5×10⁴
velocity (km/s) z=2.086000

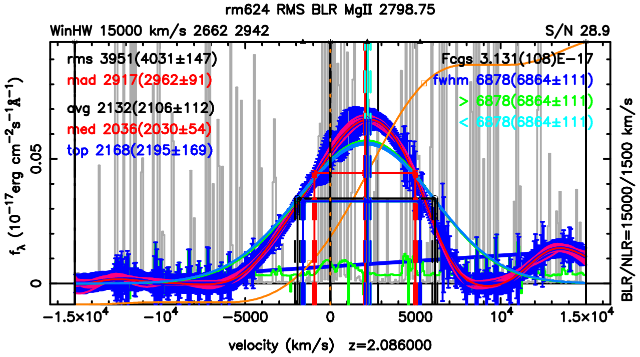

rm624 BLR CIV 1549.06
WinHW 15000 km/s 1473 1629
S/N 5.90
rms 4711(4561±383)
mad 3630(3443±269)
avg 1295(813±589)
med 651(294±378)
top 2165(1090±291)
Fcgs 6.78(1.15)E−17
fwhm 8192(7700±510)
> 8192(7672±328)
< 8192(7727±835)
fλ (10−17erg cm−2s−1Å−1)
1.5
1
0.5
0
−0.5
BLR/NLR=15000/1500 km/s
−1.5×10⁴
−10⁴
−5000
0
5000
10⁴
1.5×10⁴
velocity (km/s) z=2.086000


rm624 BLR CIII] 1908.73
WinHW 15000 km/s 1816 2007
S/N 23.3
rms 5313(5234±152)
mad 4327(4266±101)
avg −2011(−2034±172)
med −2097(−2078±156)
top −1201(−1494±[illegible])
Fcgs 1.597(69)E−16
fwhm 13388(13203±329)
> 13388(13176±509)
< 13388(13231±237)
fλ (10−17erg cm−2s−1Å−1)
0.4
0.2
0
BLR/NLR=15000/1500 km/s
−1.5×10⁴
−10⁴
−5000
0
5000
10⁴
1.5×10⁴
velocity (km/s) z=2.086000


rm624 BLR MgII 2798.75
WinHW 15000 km/s 2662 2942
S/N 6.58
rms 3665(3934±656)
mad 2594(2772±476)
avg 2522(1864±661)
med 2113(1865±249)
top 1960(1967±142)
Fcgs 9.92(1.51)E−17
fwhm 4281(4300±158)
> 4281(4300±158)
< 4281(4300±158)
fλ (10−17erg cm−2s−1Å−1)
0.5
0
BLR/NLR=15000/1500 km/s
−1.5×10⁴
−10⁴
−5000
0
5000
10⁴
1.5×10⁴
velocity (km/s) z=2.086000


rm624 RMS BLR CIV 1549.06
WinHW 15000 km/s 1473 1629
S/N 17.1
rms 6112(6138±105)
mad 4757(4776±80)
avg −2073(−2051±159)
med −778(−775±78)
top −1[illegible](−92[illegible]±102)
Fcgs 2.084(122)E−17
fwhm 9182(8814±1300)
> 4921(4924±85)
< 13504(12761±2606)
fλ (10−17erg cm−2s−1Å−1)
0.15
0.1
0.05
0
BLR/NLR=15000/1500 km/s
−1.5×10⁴
−10⁴
−5000
0
5000
10⁴
1.5×10⁴
velocity (km/s) z=2.086000


rm624 RMS BLR CIII] 1908.73
WinHW 15000 km/s 1816 2007
S/N 111
rms 6680(6679±21)
mad 5500(5500±19)
avg 223(223±43)
med 353(353±44)
top 662(6[illegible]±146)
Fcgs 1.0231(92)E−16
fwhm 20395(20379±243)
> 20395(20379±243)
< 20395(20379±243)
fλ (10−17erg cm−2s−1Å−1)
0.2
0.1
0
BLR/NLR=15000/1500 km/s
−1.5×10⁴
−10⁴
−5000
0
5000
10⁴
1.5×10⁴
velocity (km/s) z=2.086000


rm624 RMS BLR MgII 2798.75
WinHW 15000 km/s 2662 2942
S/N 28.9
rms 3951(4031±147)
mad 2917(2962±91)
avg 2132(2106±112)
med 2036(2030±54)
top 2168(2195±169)
Fcgs 3.131(108)E−17
fwhm 6878(6864±111)
> 6878(6864±111)
< 6878(6864±111)
fλ (10−17erg cm−2s−1Å−1)
0.05
0
BLR/NLR=15000/1500 km/s
−1.5×10⁴
−10⁴
−5000
0
5000
10⁴
1.5×10⁴
velocity (km/s) z=2.086000