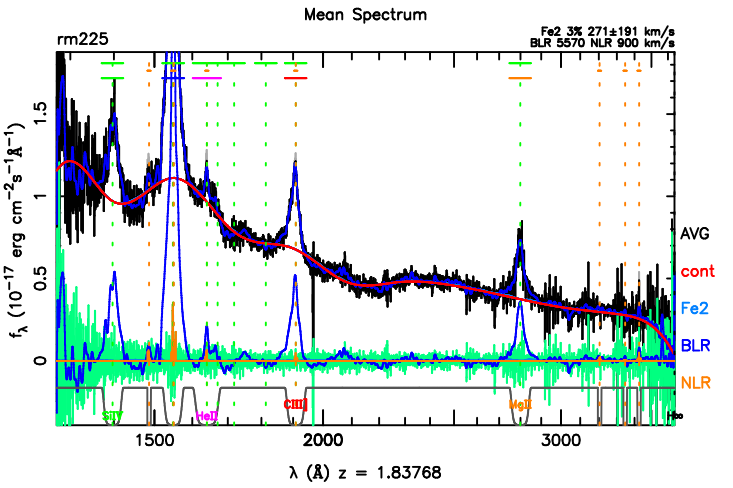
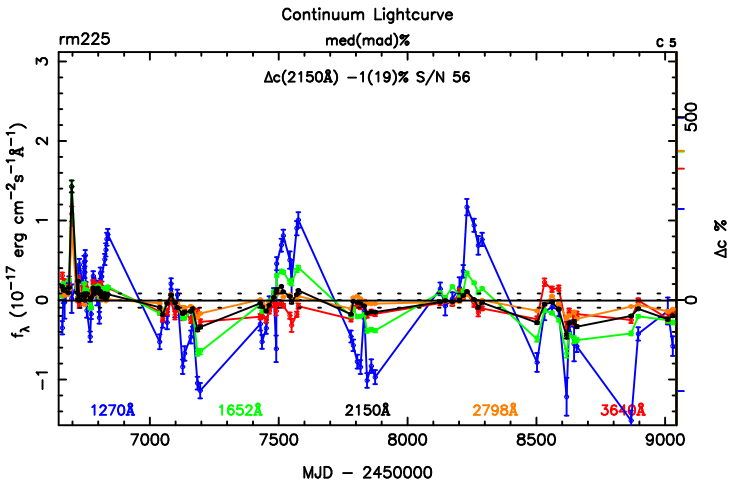
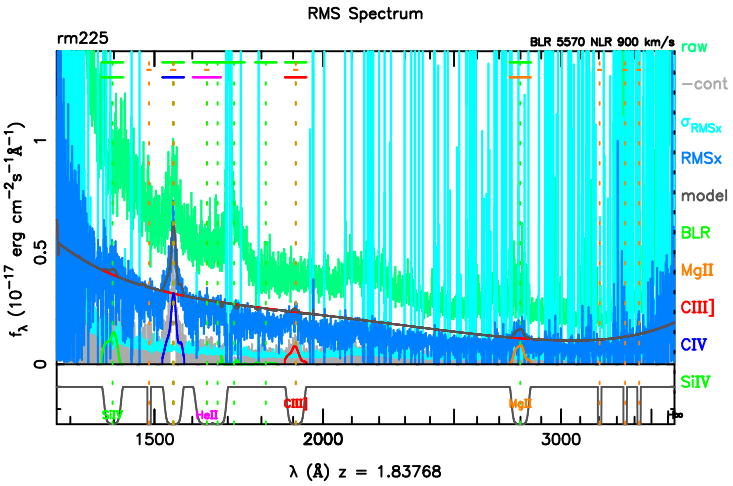
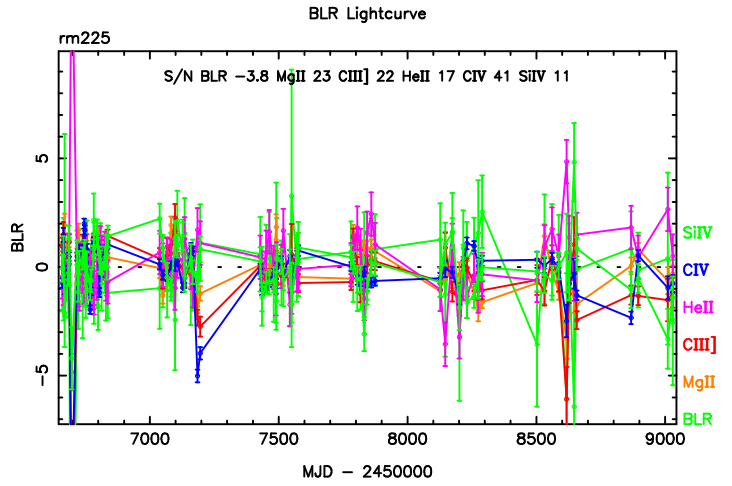
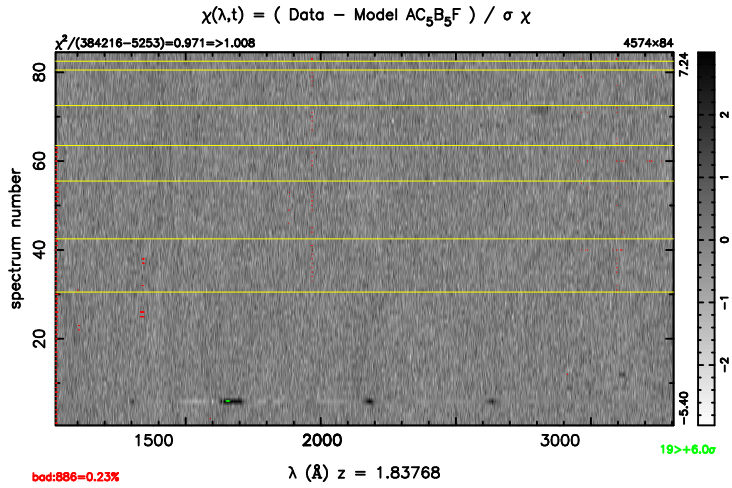
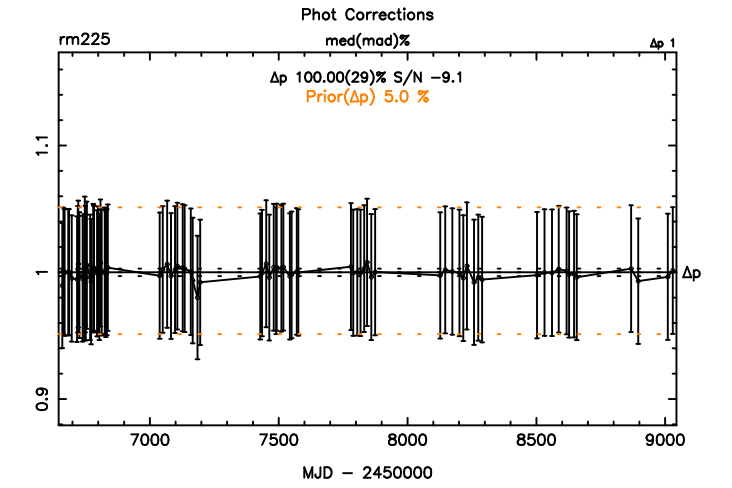

Mean Spectrum
rm225
Fe2 3% 271±191 km/s
BLR 5570 NLR 900 km/s
AVG
cont
Fe2
BLR
NLR
SiIV
HeII
CIII]
MgII
Hα
λ (Å) z = 1.83768

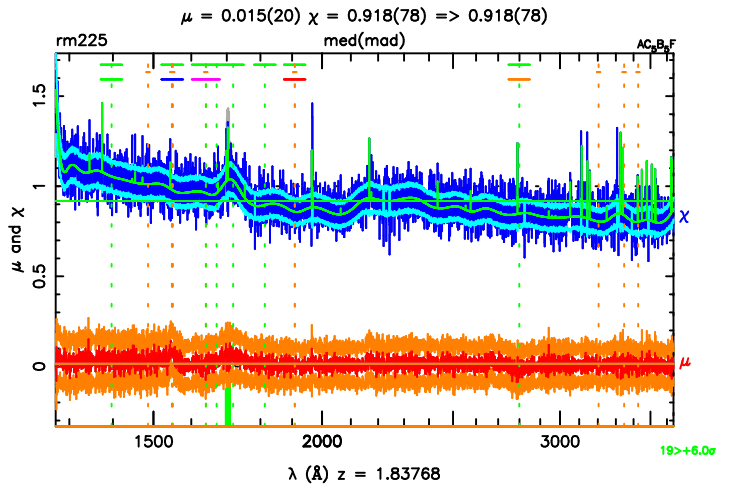

Continuum Lightcurve
rm225
med(mad)%
Δc(2150Å) −1(19)% S/N 56
1270Å
1652Å
2150Å
2798Å
3610Å
Δc %
MJ − 2450000

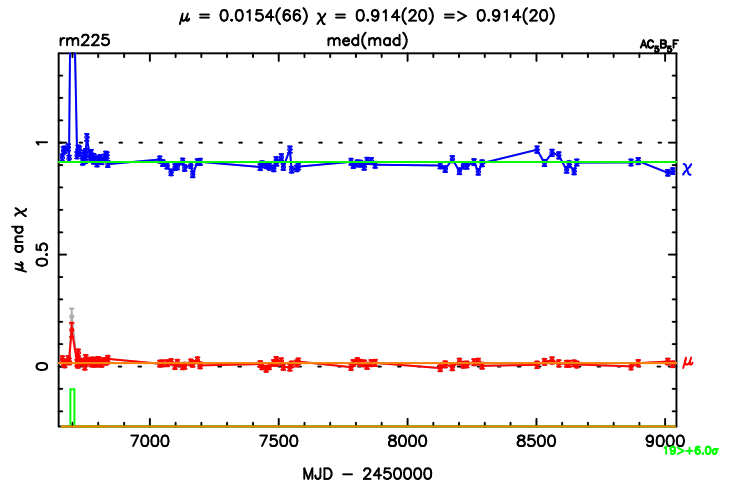

RMS Spectrum
rm225
BLR 5570 NLR 900 km/s
raw
−cont
σRMSx
RMSx
model
BLR
MgII
CIII]
CIV
SiIV
λ (Å) z = 1.83768


BLR Lightcurve
rm225
S/N BLR −3.8 MgII 23 CIII] 22 HeII 17 CIV 41 SiIV 11
SiIV
CIV
HeII
CIII]
MgII
BLR
MJ − 2450000


χ(λ,t) = (Data − Model AC5B5F) / σ χ
χ²/(384216−5253)=0.971=>1.008
4574×84
spectrum number
bad:886=0.23%
19>+6.0σ
λ (Å) z = 1.83768


Phot Corrections
rm225
med(mad)%
Δp 100.00(29)% S/N −9.1
Prior(Δp) 5.0 %
Δp
MJ − 2450000


μ = 0.015(20) χ = 0.918(78) => 0.918(78)
rm225
med(mad)
AC5B5F
μ and χ
χ
μ
19>+6.0σ
λ (Å) z = 1.83768


μ = 0.0154(66) χ = 0.914(20) => 0.914(20)
rm225
med(mad)
AC5B5F
μ and χ
χ
μ
19>+6.0σ
MJ − 2450000