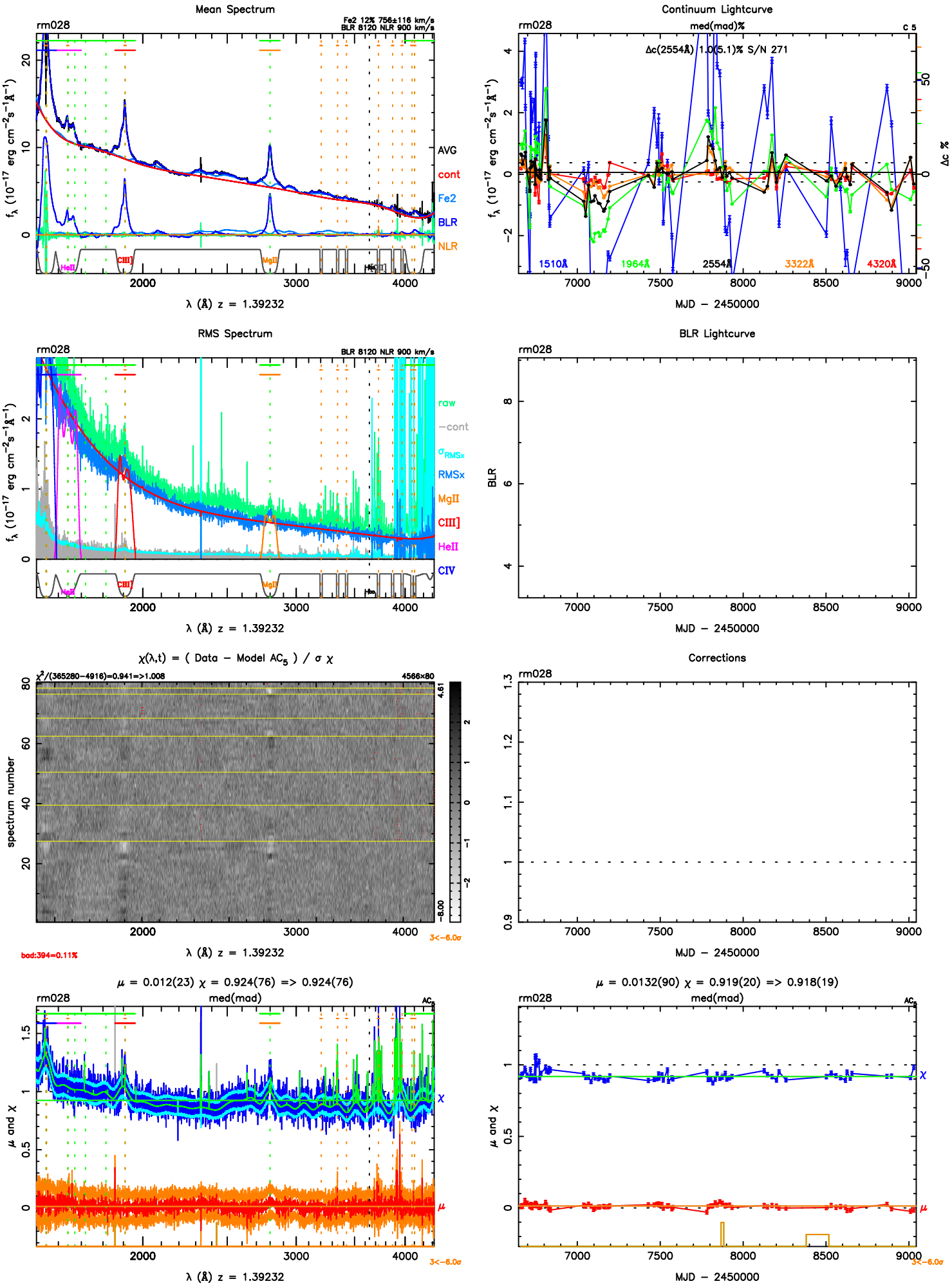
Mean Spectrum
rm028
Fe2 12% 756±116 km/s
BLR 8120 NLR 900 km/s
AVG
cont
Fe2
BLR
NLR
HeII
CIII]
MgII
λ (Å) z = 1.39232
Continuum Lightcurve
med(mad)%
Δc(2554Å) 1.0(5.1)% S/N 271
1510Å
1964Å
2554Å
3322Å
4320Å
MJD − 2450000
RMS Spectrum
BLR 8120 NLR 900 km/s
raw
−cont
σRMSx
RMSx
MgII
CIII]
HeII
CIV
BLR Lightcurve
BLR
χ(λ,t) = (Data − Model AC5) / σ χ
χ²/(365280−4916)=0.941=>1.008
4566×80
spectrum number
bad:394=0.11%
3<−6.0σ
Corrections
μ = 0.012(23) χ = 0.924(76) => 0.924(76)
μ = 0.0132(90) χ = 0.919(20) => 0.918(19)
μ and χ
χ
μ