







Rest Wavelength ( $\text{\AA}$ )

1200

SDSS J160202.40+401301.3  
z=2.93867

SDSS 2002-08-30 t=0.0  
BOSS 2012-05-19 t=901.4

Flux ( $10^{-16} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ \AA}^{-1}$ )

6  
5  
4  
3  
2  
1  
0

CIV  
(A)

CIV  
(B)

CIV  
(C)

CIV  
(D)

CIV  
(E)

CIV  
(F)

4500

4600

4700

4800

Observed Wavelength ( $\text{\AA}$ )



