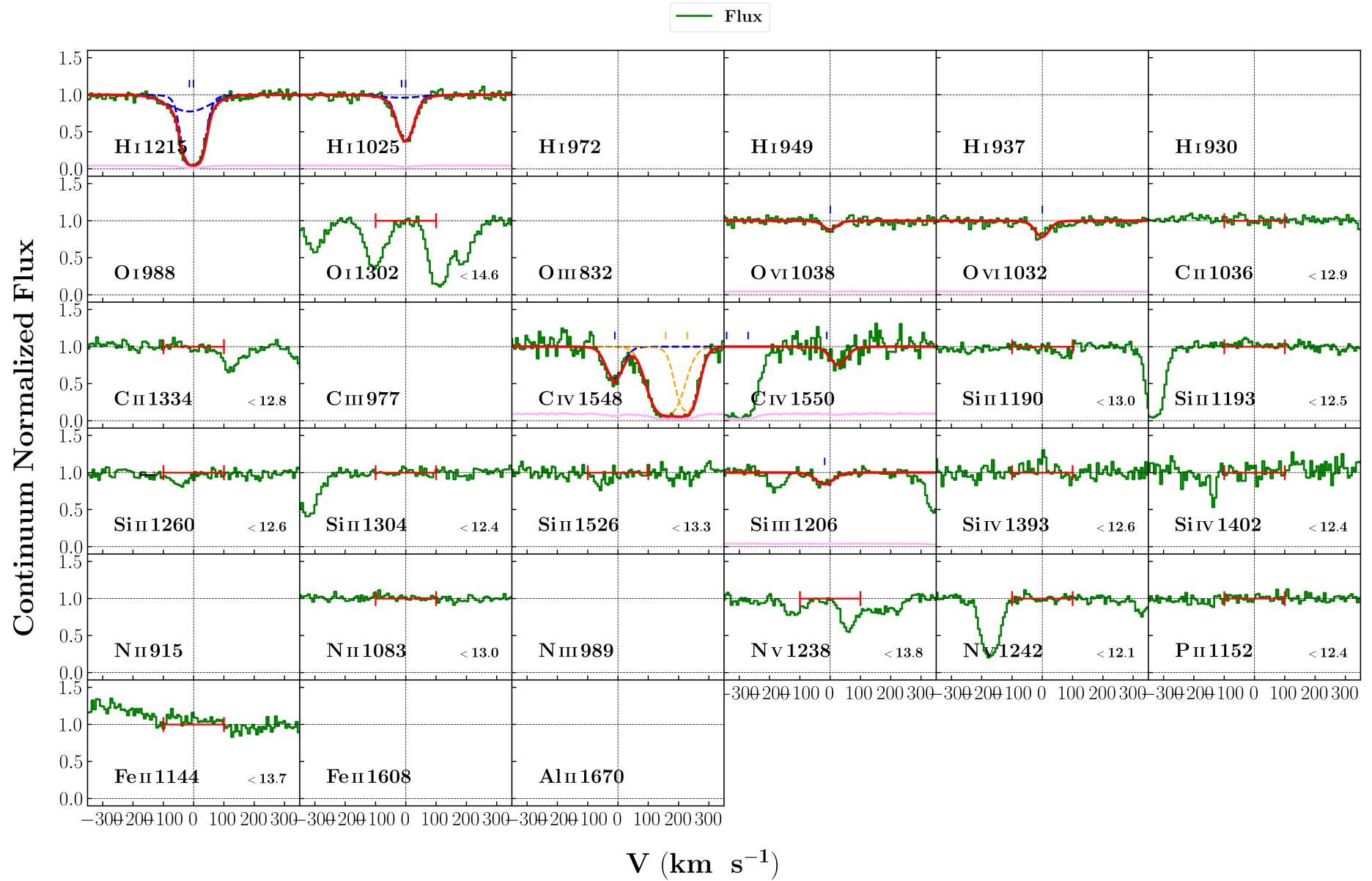


System plots

March 8, 2024

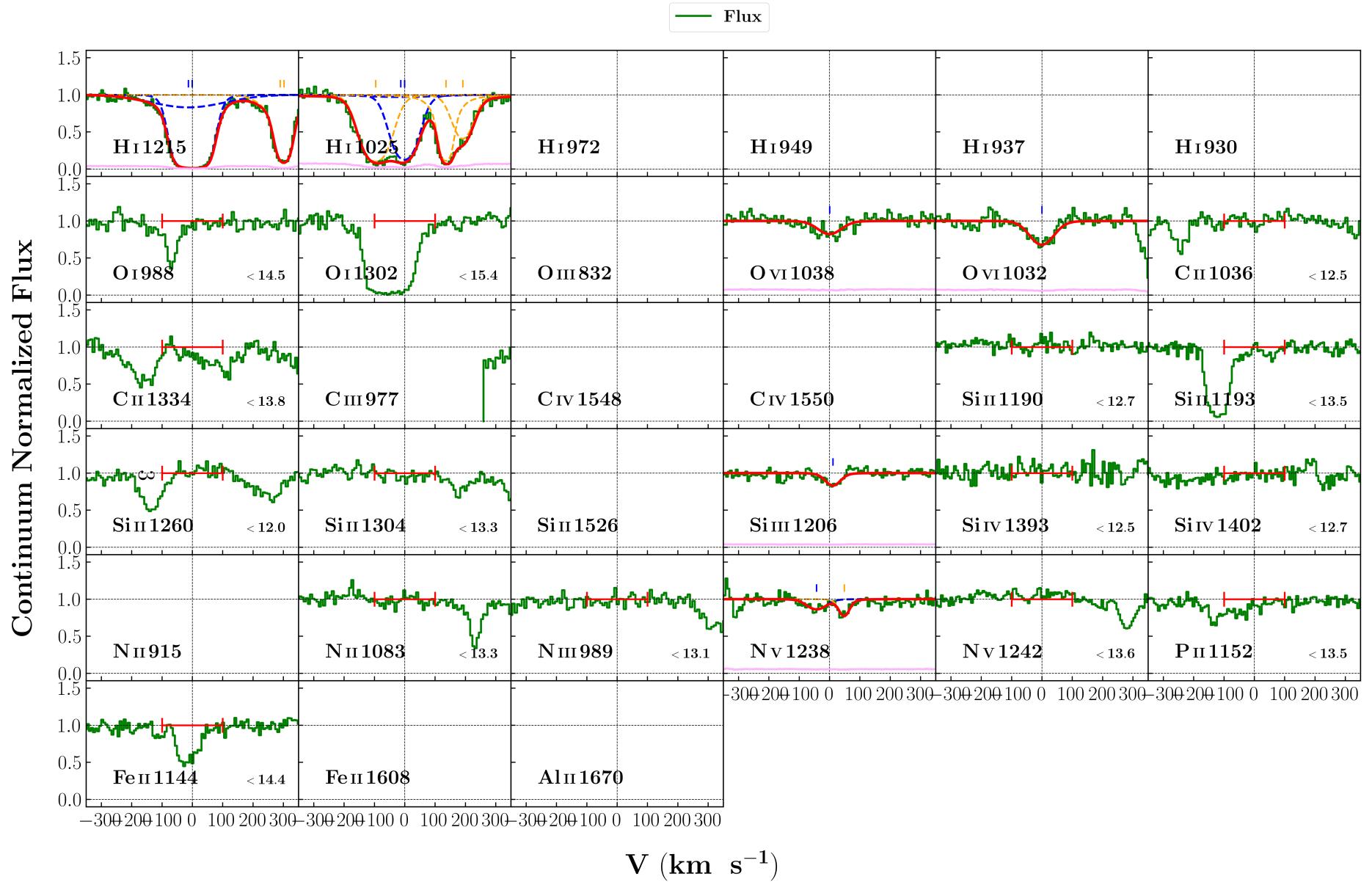
3C263 ($z_{\text{abs}} = 0.140756$)



Comments:

- $\Delta v = [-100, 100]$

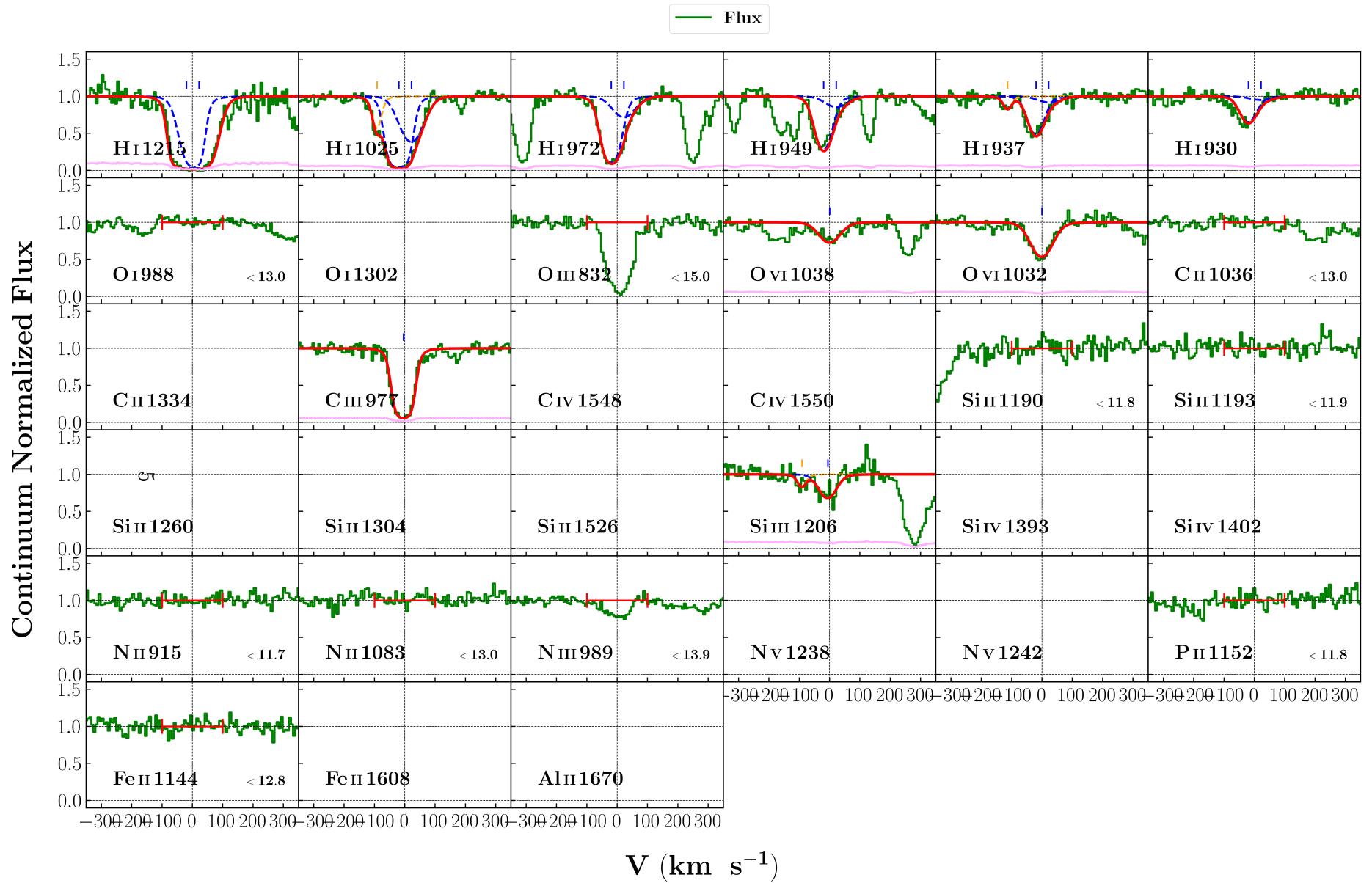
PKS0637 – 752 ($z_{\text{abs}} = 0.161064$)



Comments:

- $\Delta v = [-100, 100]$
- Fe II 1144 : contaminated with H I 937 from z=0.417415

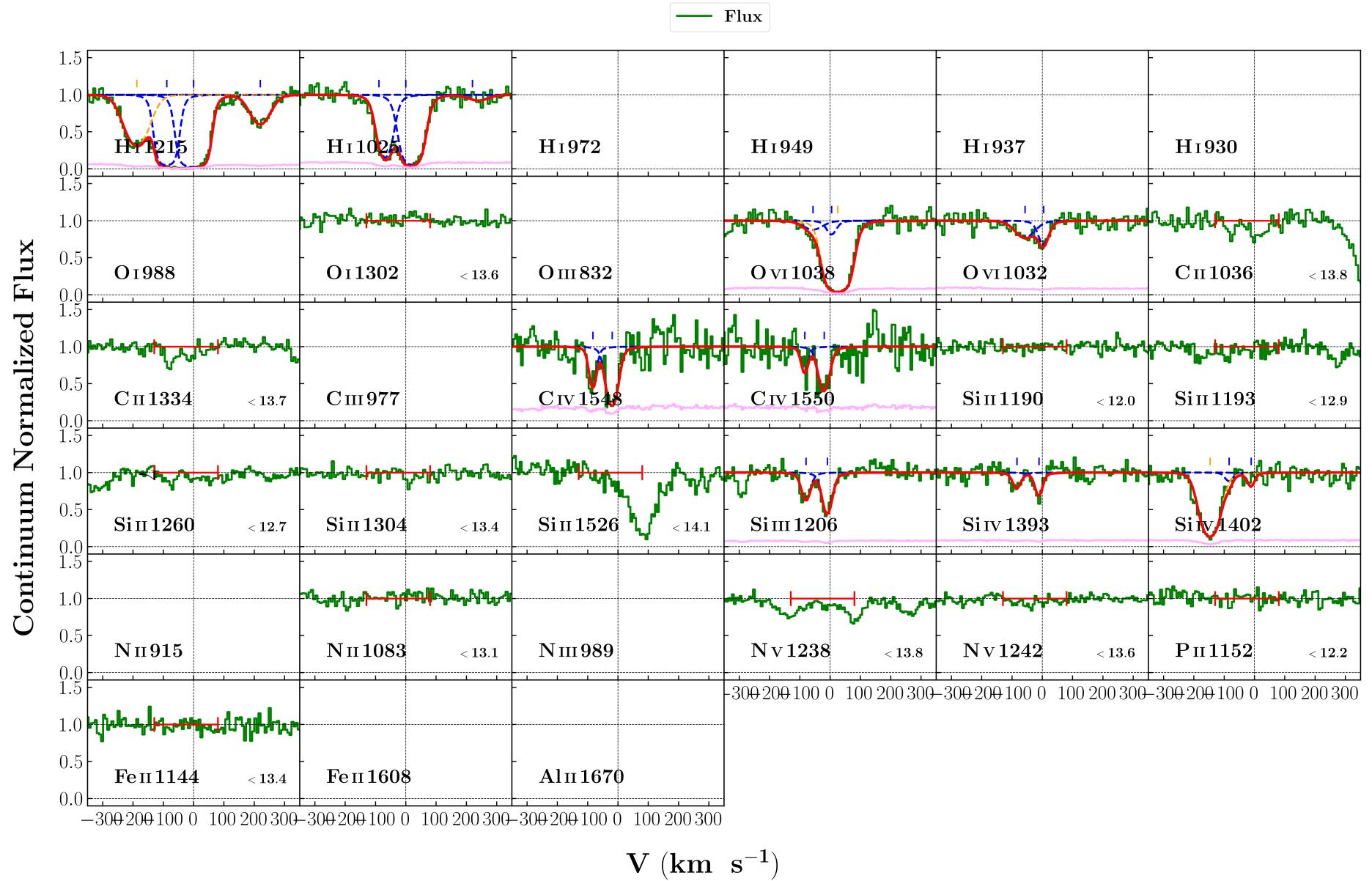
PKS0637 – 752 ($z_{\text{abs}} = 0.417539$)



Comments:

- $\Delta v = [-100, 100]$
- O III 832 : contaminated with galactic Si IV 1402

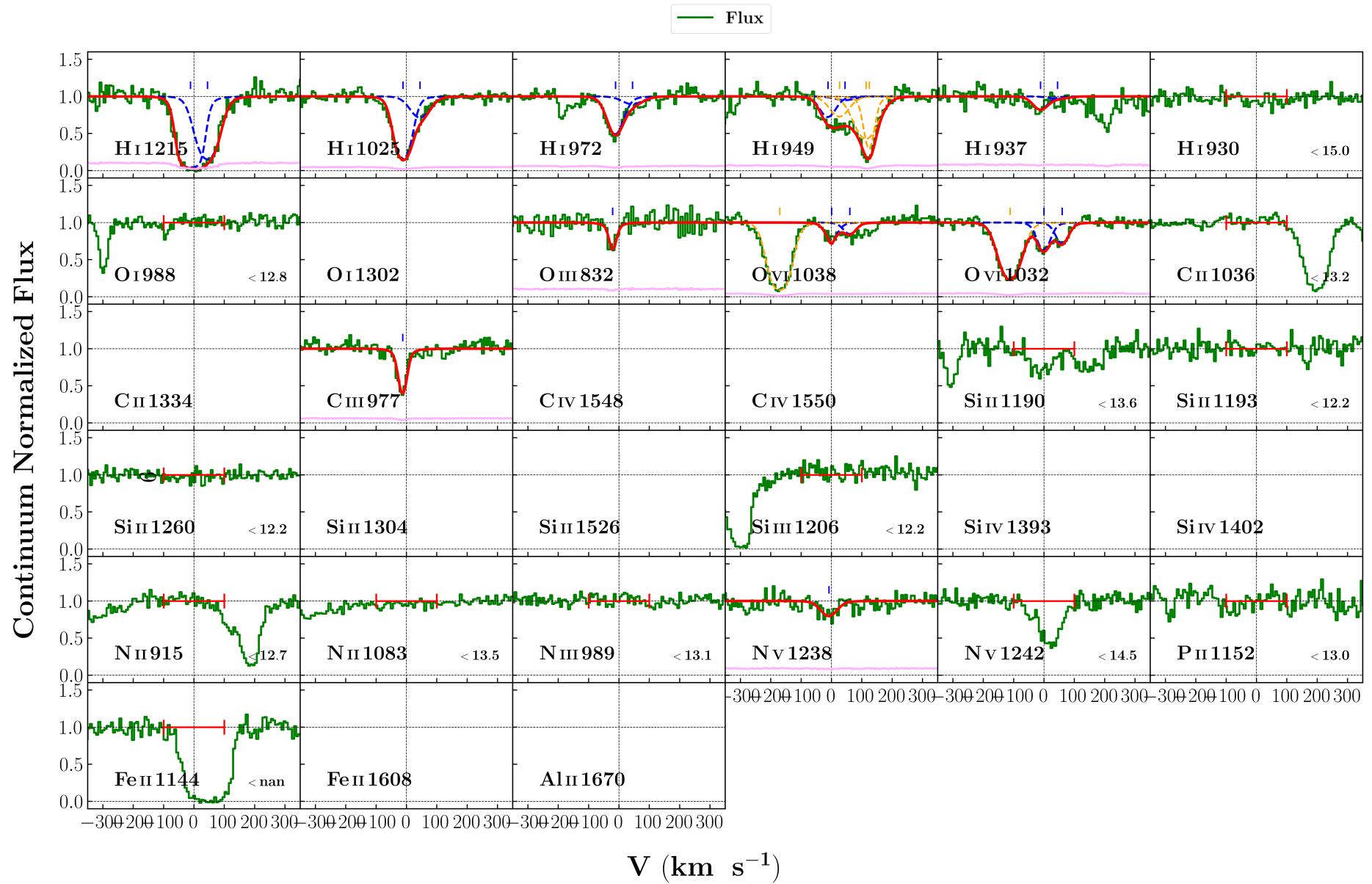
PG1424 + 240 ($z_{\text{abs}} = 0.147104$)



Comments:

- $\Delta v = [-130, 80]$
- C II 1036 : contaminated with galactic C I 1188

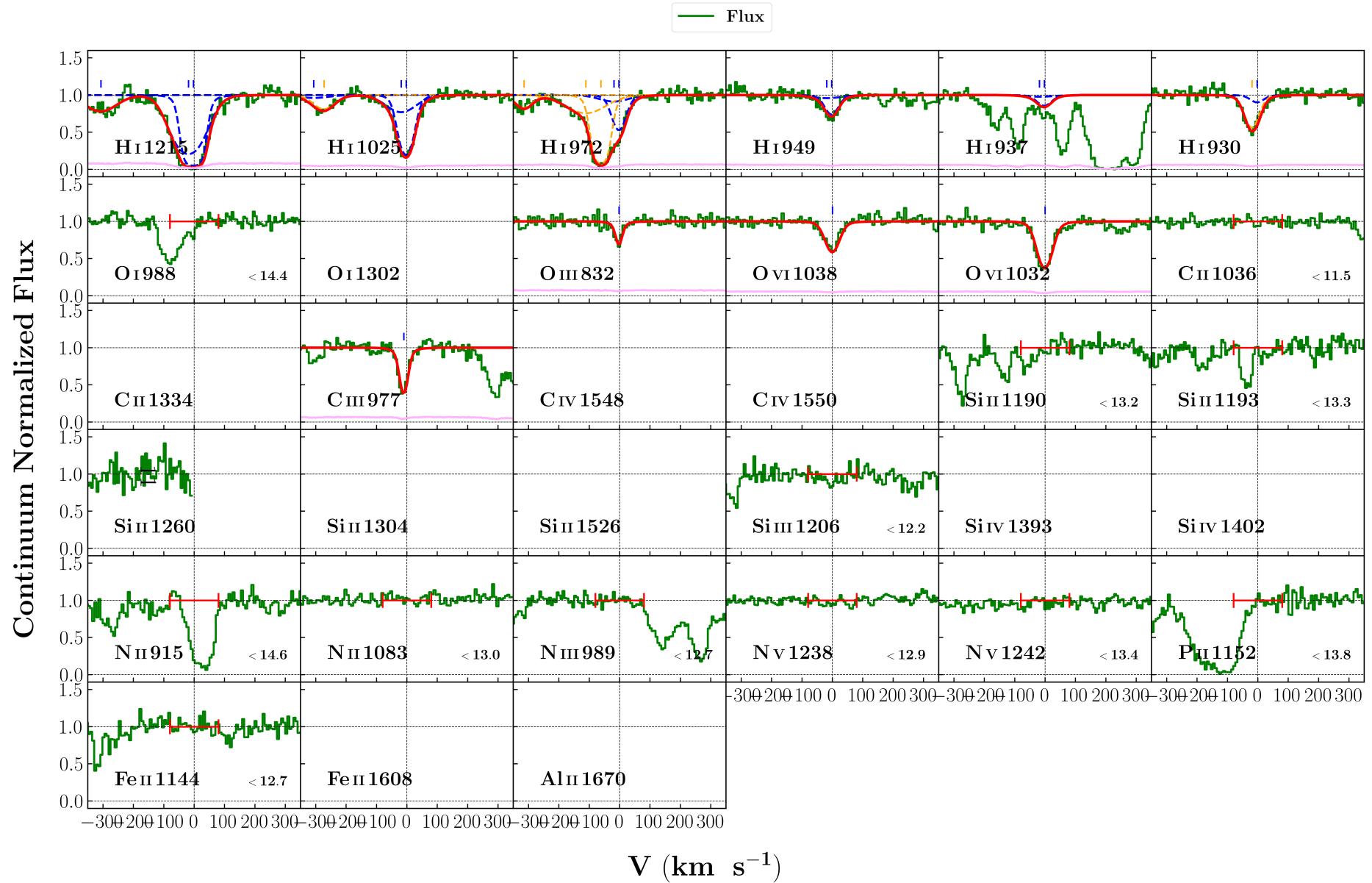
PG0003 + 158 ($z_{\text{abs}} = 0.386089$)



Comments:

- $\Delta v = [-100, 100]$
- Si II 1190 : contaminated from Ly α from z=0.357973
- Fe II 1144 : contaminated from Ly α from z=0.305467
- N V 1242 : contaminated from Ly α from z=0.417160

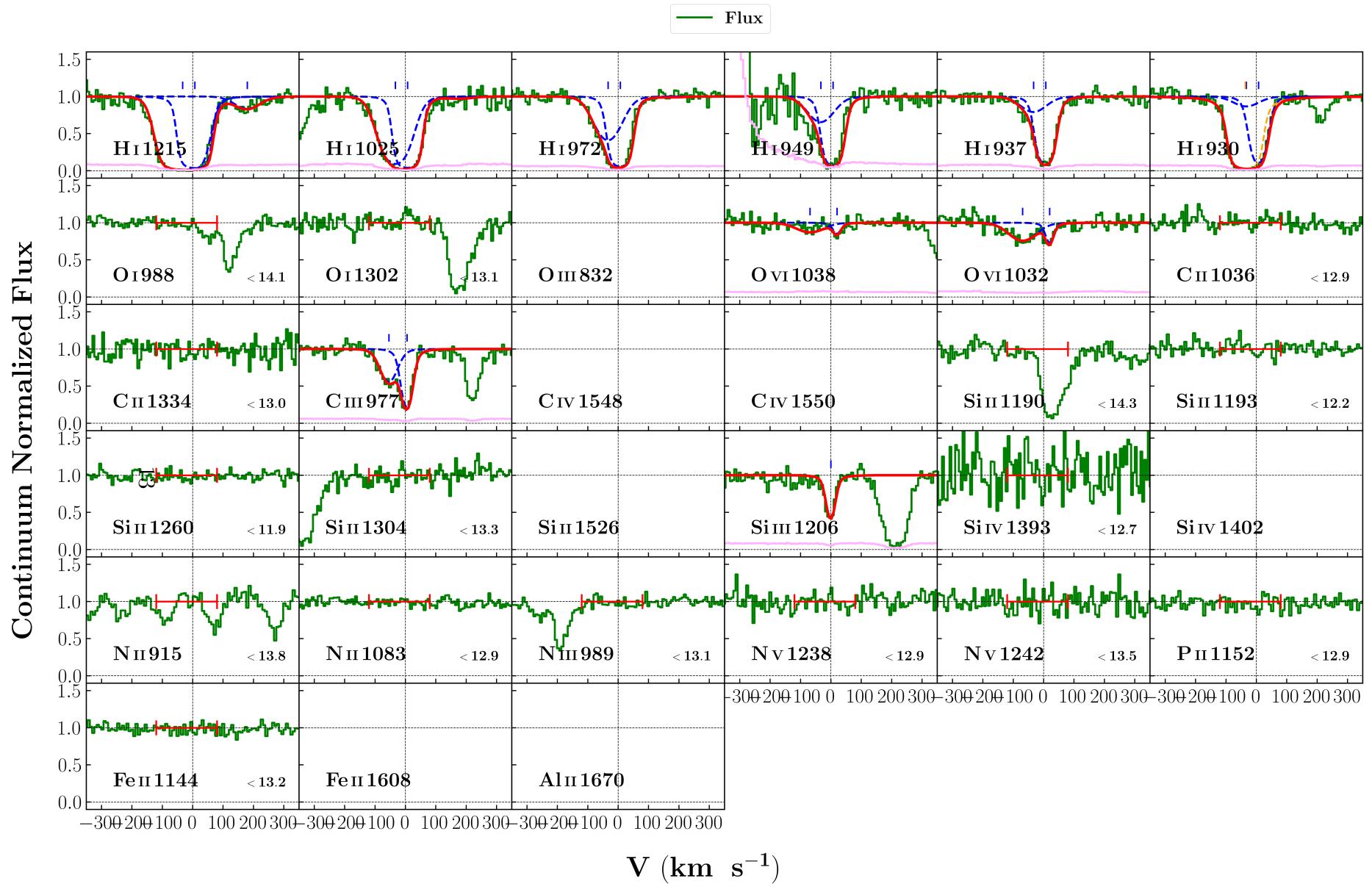
PG0003 + 158 ($z_{\text{abs}} = 0.421923$)



Comments:

- $\Delta v = [-80, 80]$
- N II 915 : contaminated from galactic O I 1302

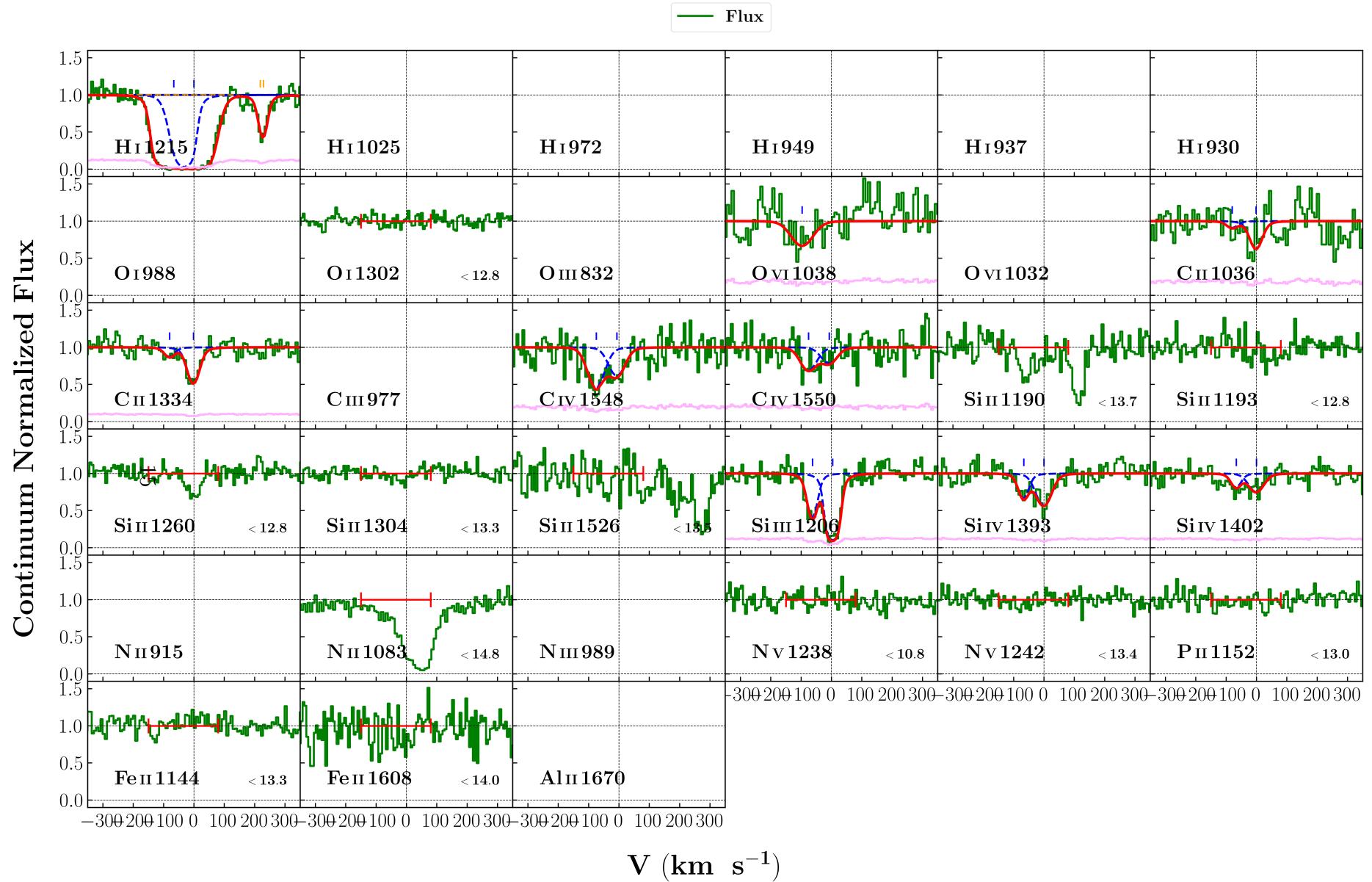
PG1216 + 069 ($z_{\text{abs}} = 0.282286$)



Comments:

- $\Delta v = [-120, 80]$
- Si II 1190 : contaminated from galactic Si II 1526

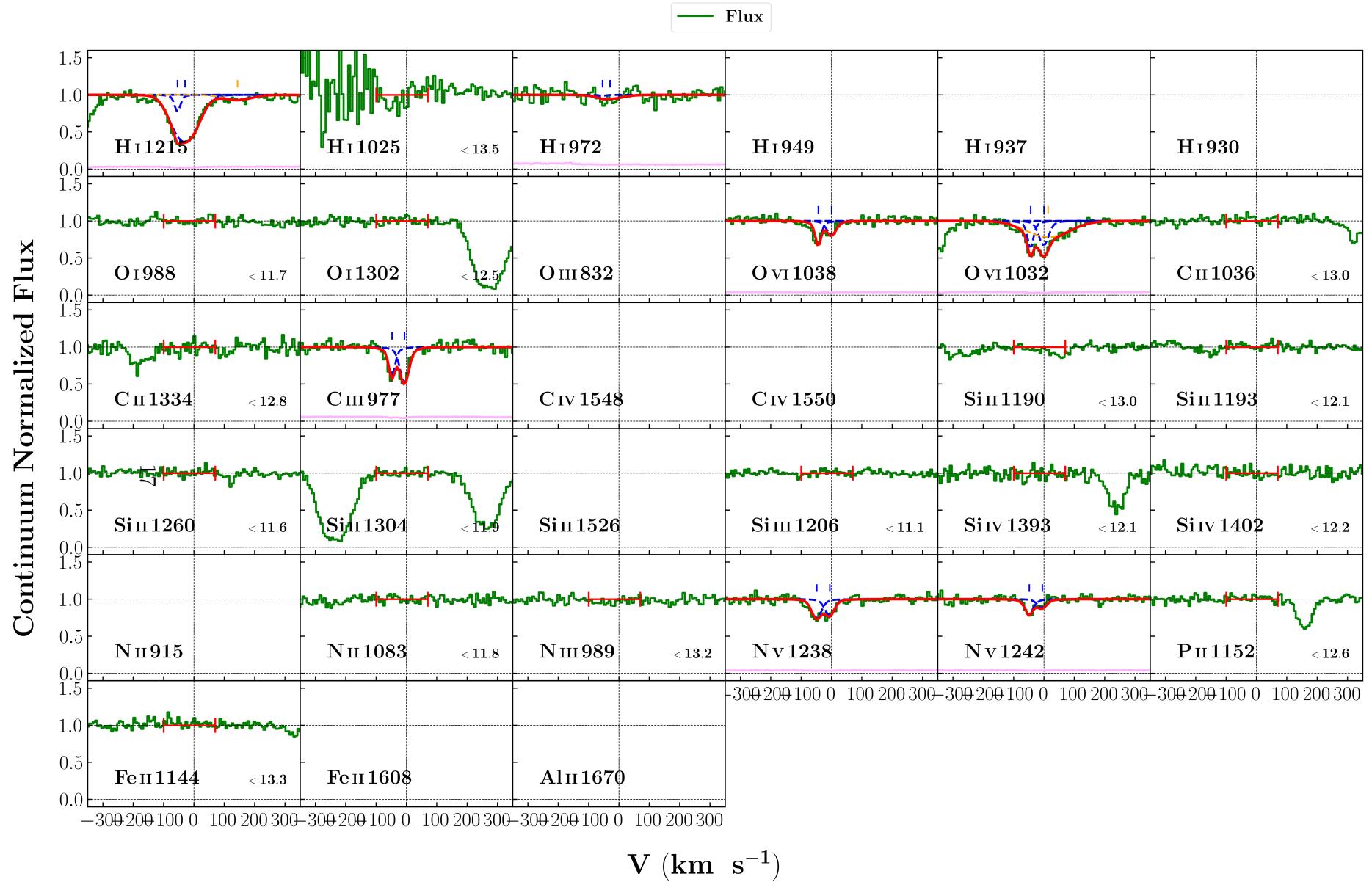
SDSSJ135712.61 + 170444 ($z_{\text{abs}} = 0.097869$)



Comments:

- $\Delta v = [-150, 80]$
- Si II 1260 : identified as Si III 1260 from $z=0.146946$, no absorption in other Si II lines
- N II 1083 : contaminated from galactic Si II 1190

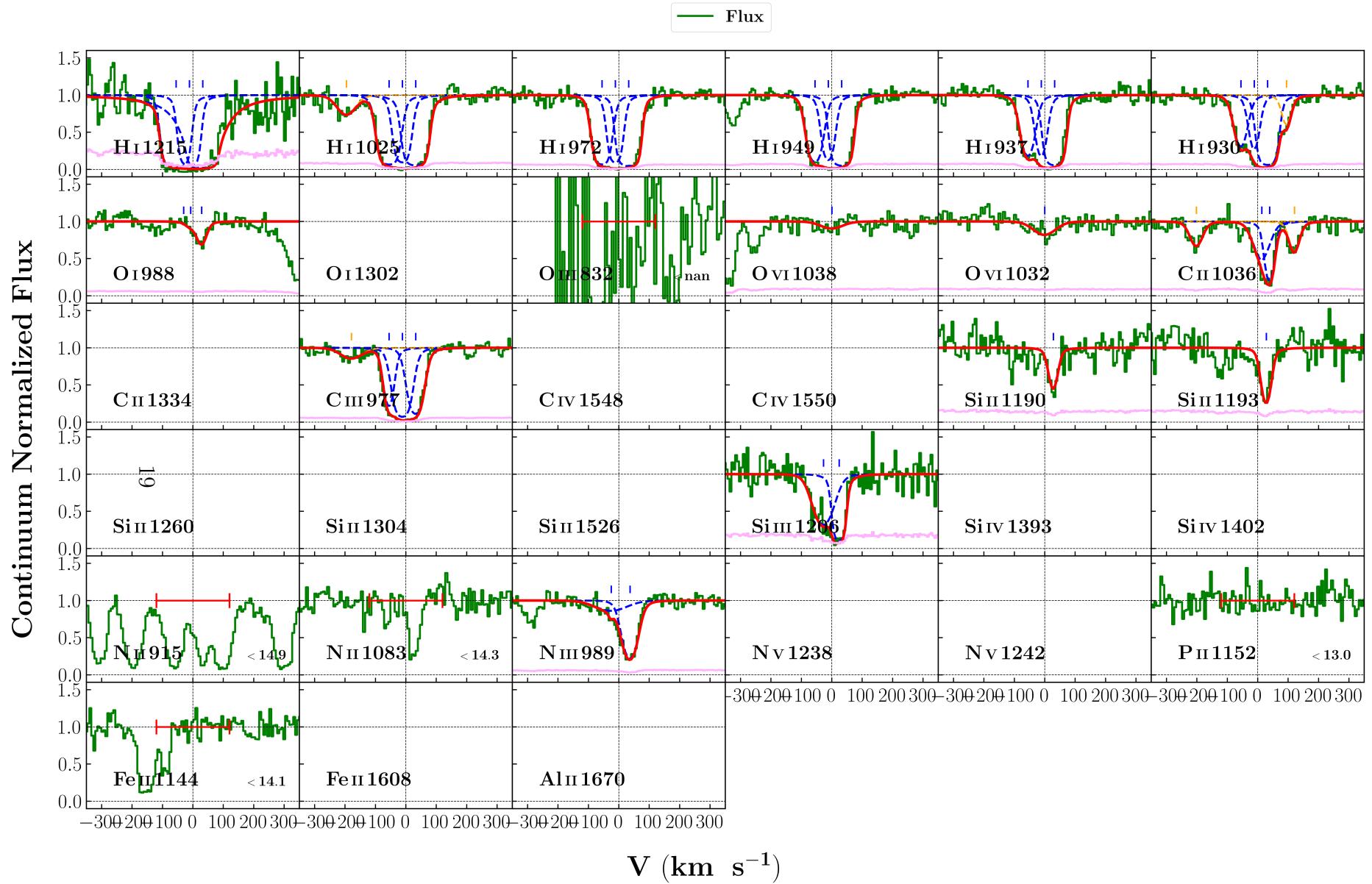
1ES1553 + 113 ($z_{\text{abs}} = 0.187764$)



Comments:

- $\Delta v = [-100, 70]$

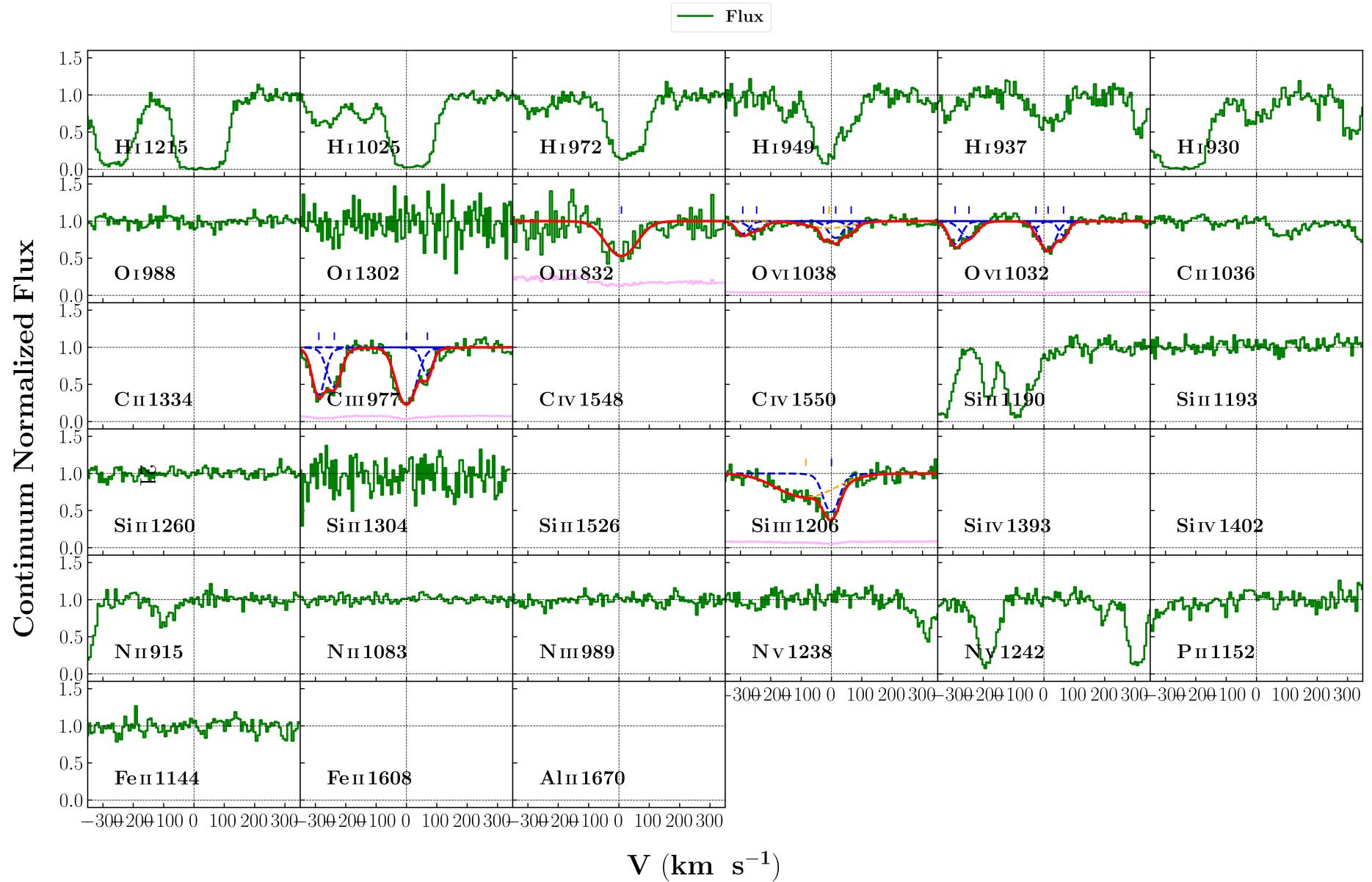
SBS1108 + 560 ($z_{\text{abs}} = 0.463207$)



Comments:

- $\Delta v = [-120, 120]$
- N II 1083 : contaminated from Ly α from z=0.304868

PG1222 + 216 ($z_{\text{abs}} = 0.378389$)

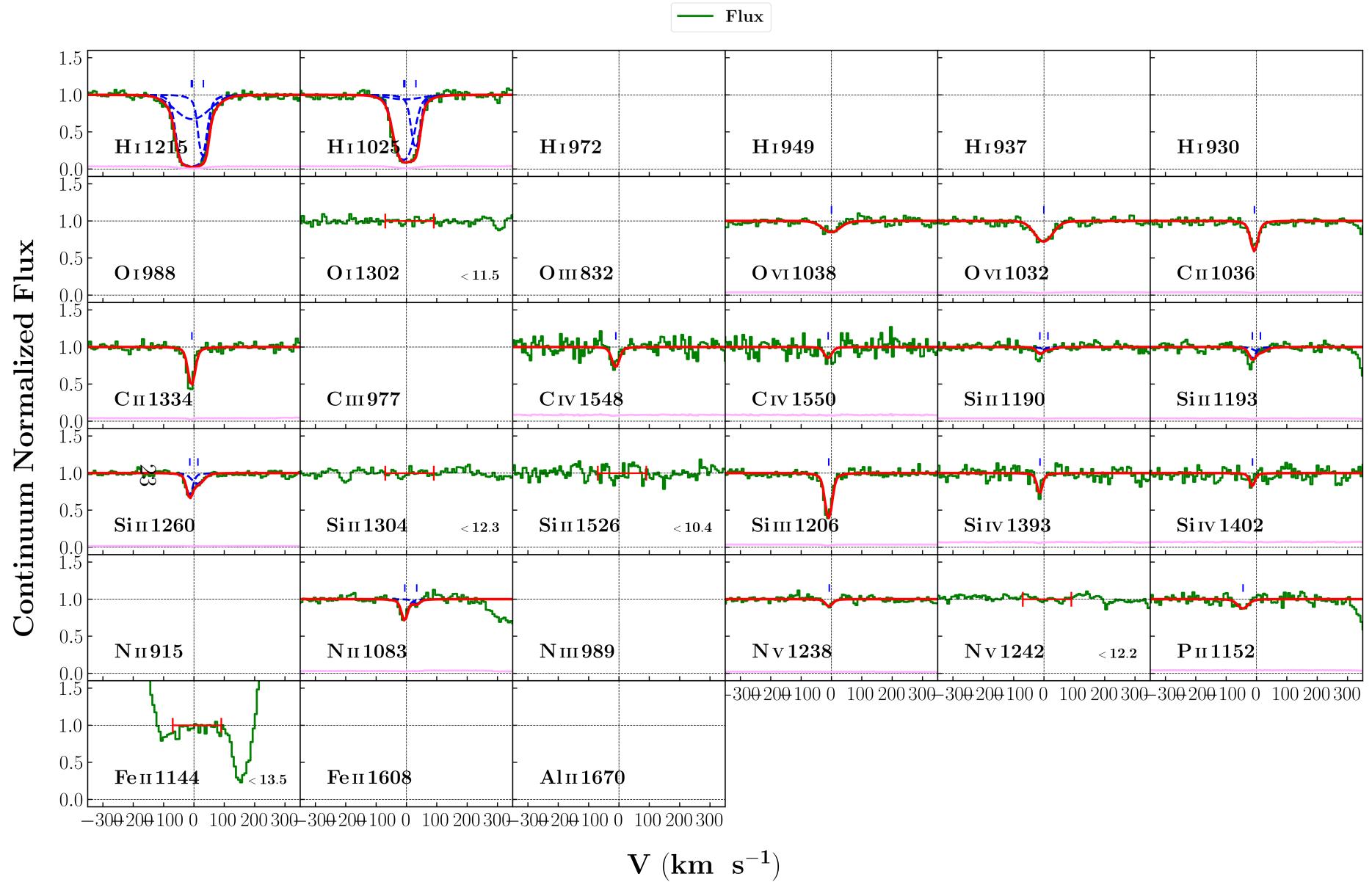


Comments:

- $\Delta v =$

-

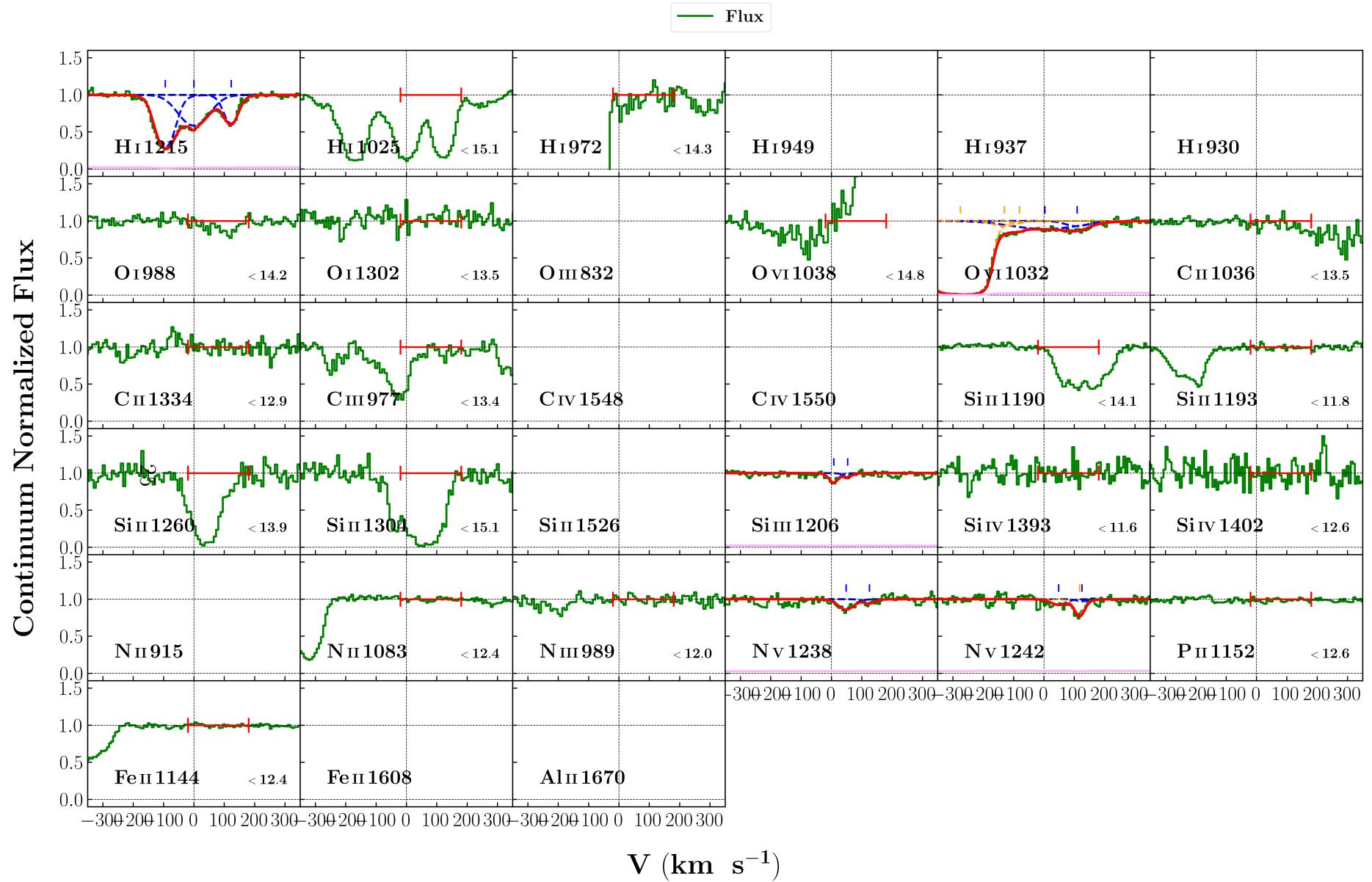
PG1116 + 215 ($z_{\text{abs}} = 0.138527$)



Comments:

- $\Delta v = [-70, 90]$
- N II 1083 : contaminated from Ly α from z=0.304868

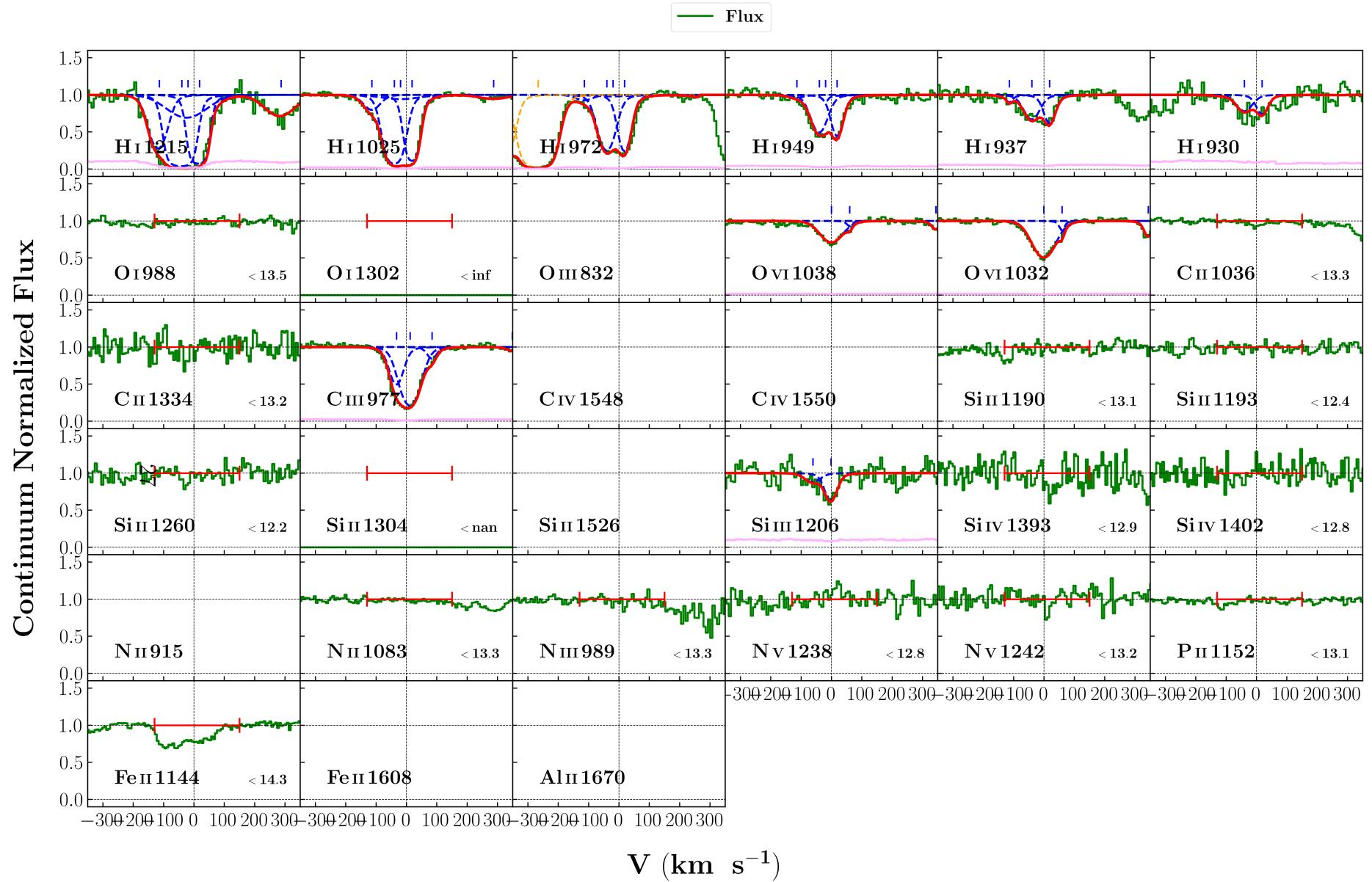
H1821 + 643 ($z_{\text{abs}} = 0.170006$)



Comments:

- $\Delta v = [-20, 180]$
- C III 977 : contaminated from galactic Fe II 1142, 1143, 1144 lines
- Si II 1260 : contaminated from Ly α from z=0.213207
- Si II 1304 : contaminated from galactic Si II 1526

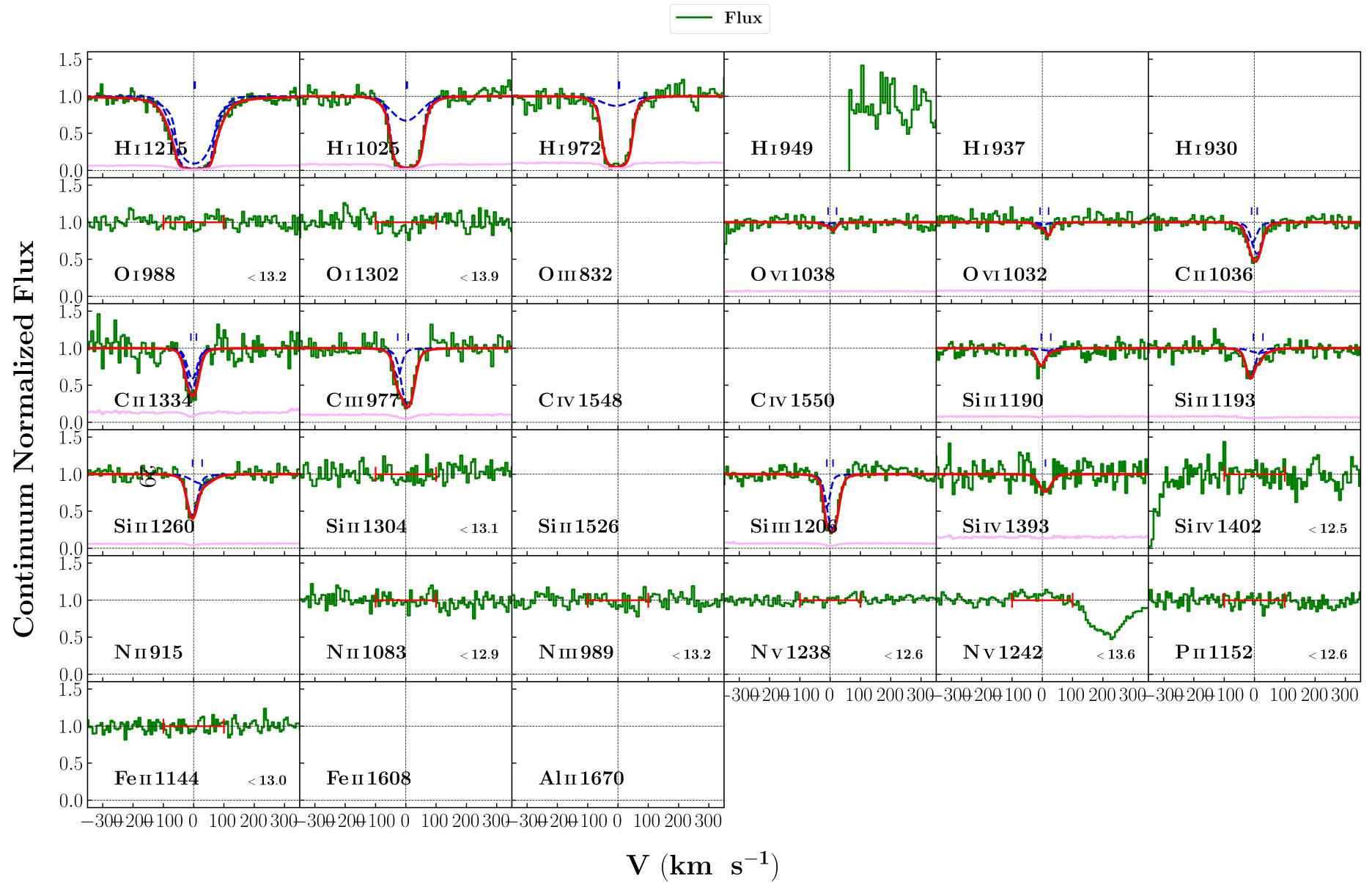
H1821 + 643 ($z_{\text{abs}} = 0.224981$)



Comments:

- $\Delta v = [-130, 150]$
- C II 1036 : contaminated from Ly α from z=0.044297
- Fe II 1144 : contaminated from galactic Si IV 1402

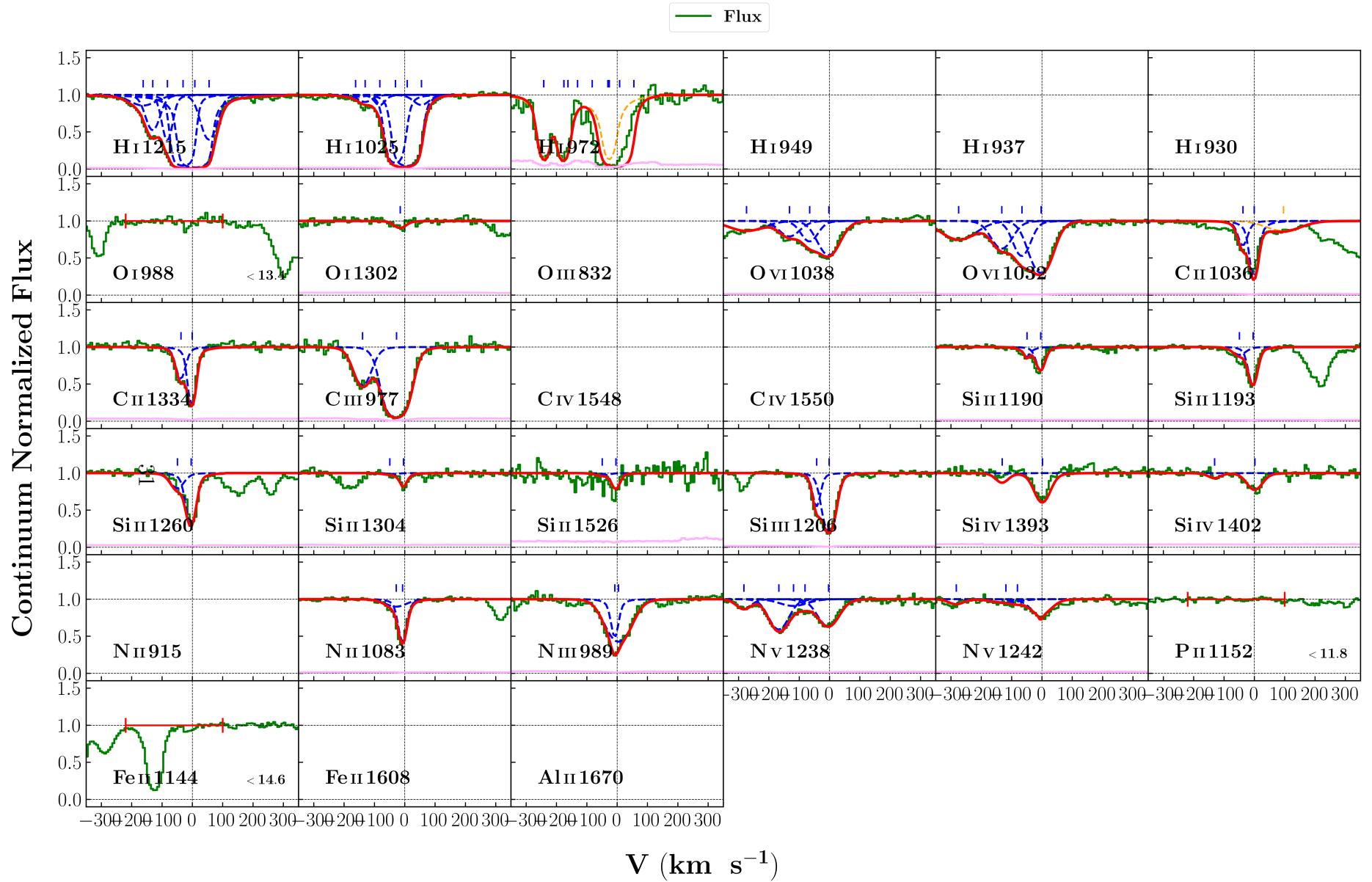
PG1121 + 422 ($z_{\text{abs}} = 0.192393$)



Comments:

- $\Delta v = [-100, 100]$
- C II 1036 : contaminated from Ly α from z=0.044297
- Fe II 1144 : contaminated from galactic Si IV 1402

PKS0405 – 123 ($z_{\text{abs}} = 0.167125$)



Comments:

- $\Delta v = [-220, 100]$
- C II 1036 : contaminated from Ly α from z=0.044297
- Fe II 1144 : contaminated from galactic Si IV 1402