

Appendix E - Spectral sequence figures

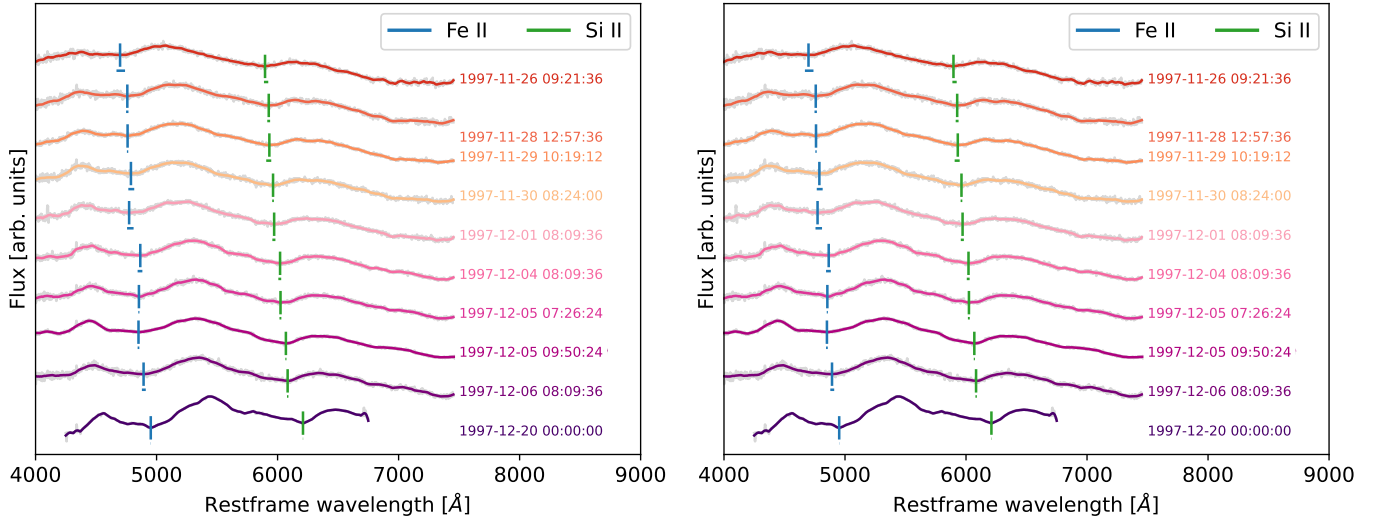


Fig. 1. Spectral sequences of the ordinary type Ic-BL supernova SN1997ef. The observed spectra (grey) and smoothed spectra (multiple colours) are plotted as solid lines. Also shown are the determined minimum wavelengths of the Fe II (blue) and Si II (green) features, and the corresponding uncertainty on the minimum wavelength.

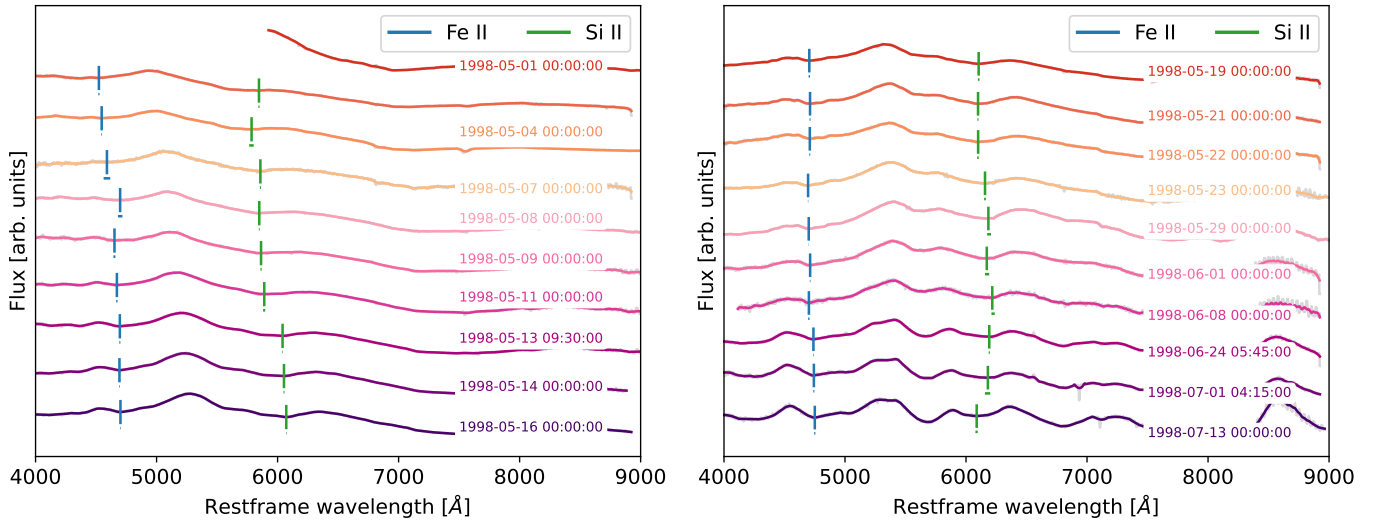


Fig. 2. Spectral sequences of the GRB-SN GRB980425-SN1998bw. The observed spectra (grey) and smoothed spectra (multiple colours) are plotted as solid lines. Also shown are the determined minimum wavelengths of the Fe II (blue) and Si II (green) features, and the corresponding uncertainty on the minimum wavelength.

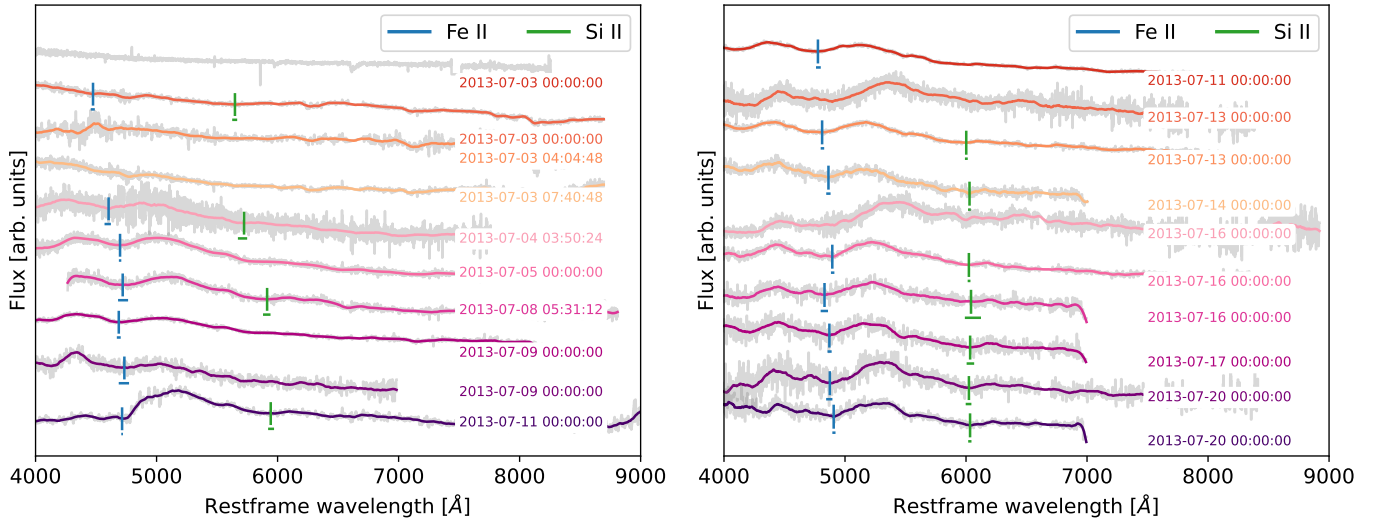


Fig. 3. Spectral sequences of the GRB-SN GRB130702A-SN2013dx. The observed spectra (grey) and smoothed spectra (multiple colours) are plotted as solid lines. Also shown are the determined minimum wavelengths of the Fe II (blue) and Si II (green) features, and the corresponding uncertainty on the minimum wavelength.