

New Insights From Multi-Wavelength Early-Time Observations of Type Ia Supernovae

Willem Hoogendam (IfA/Hawai'i)
An Extraordinary Journey Through the Transient Sky
3 April 2025

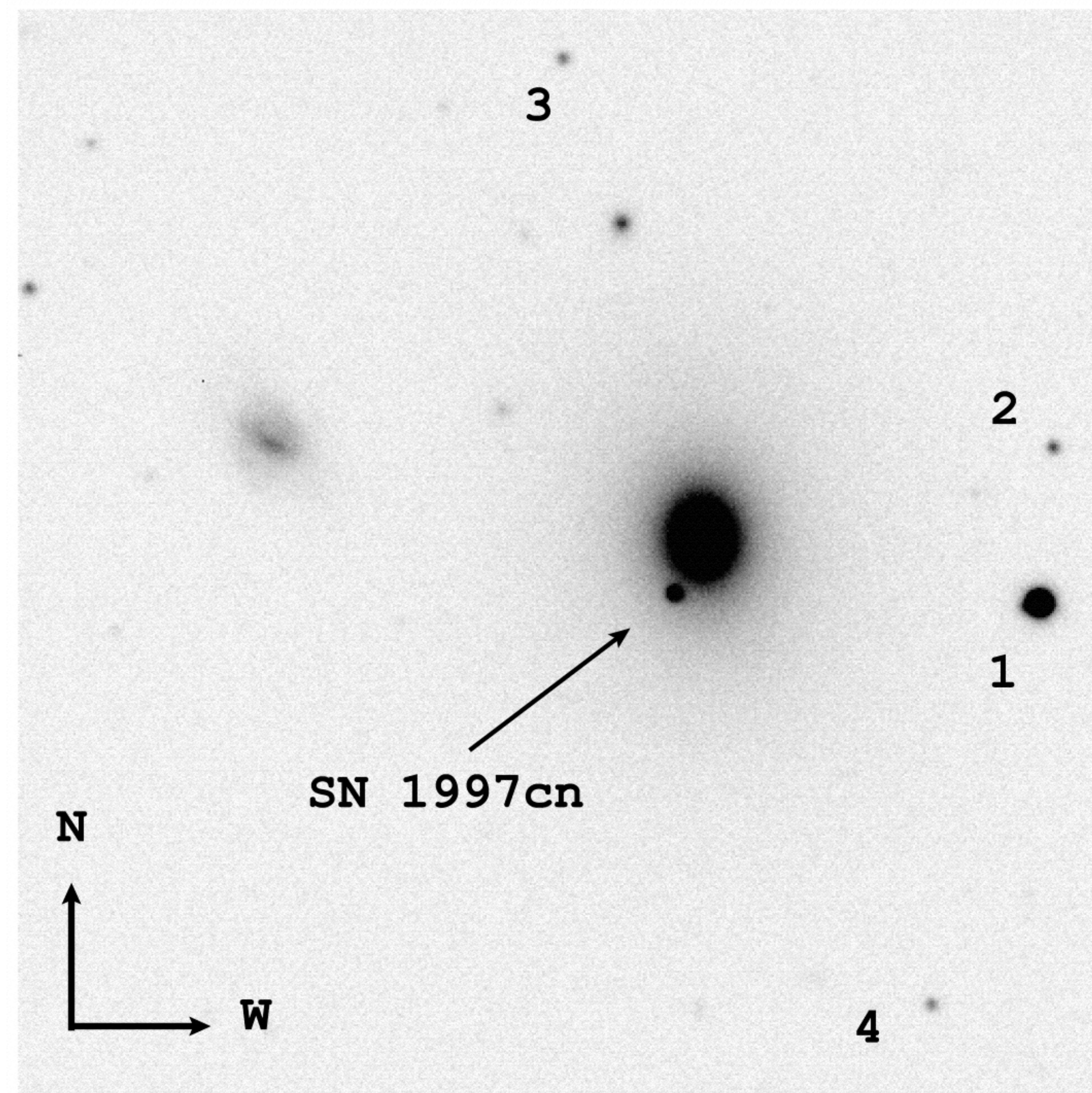
Images taken remotely by Gianluca Masi, through the Virtual Telescope robotic facility in Italy (www.virtualtelescope.eu)

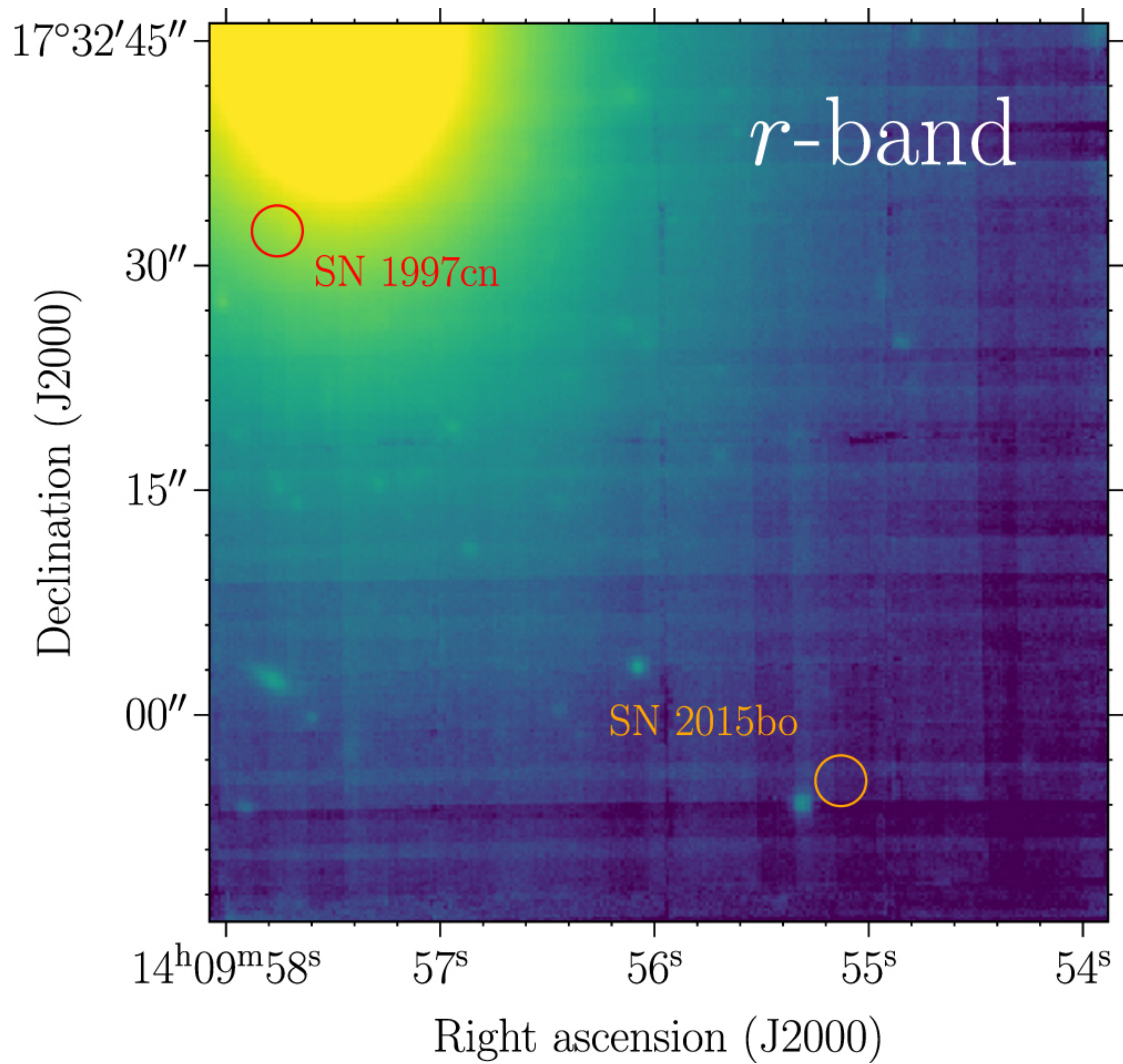


A NEW FAINT TYPE Ia SUPERNOVA: SN 1997cn IN NGC 5490¹

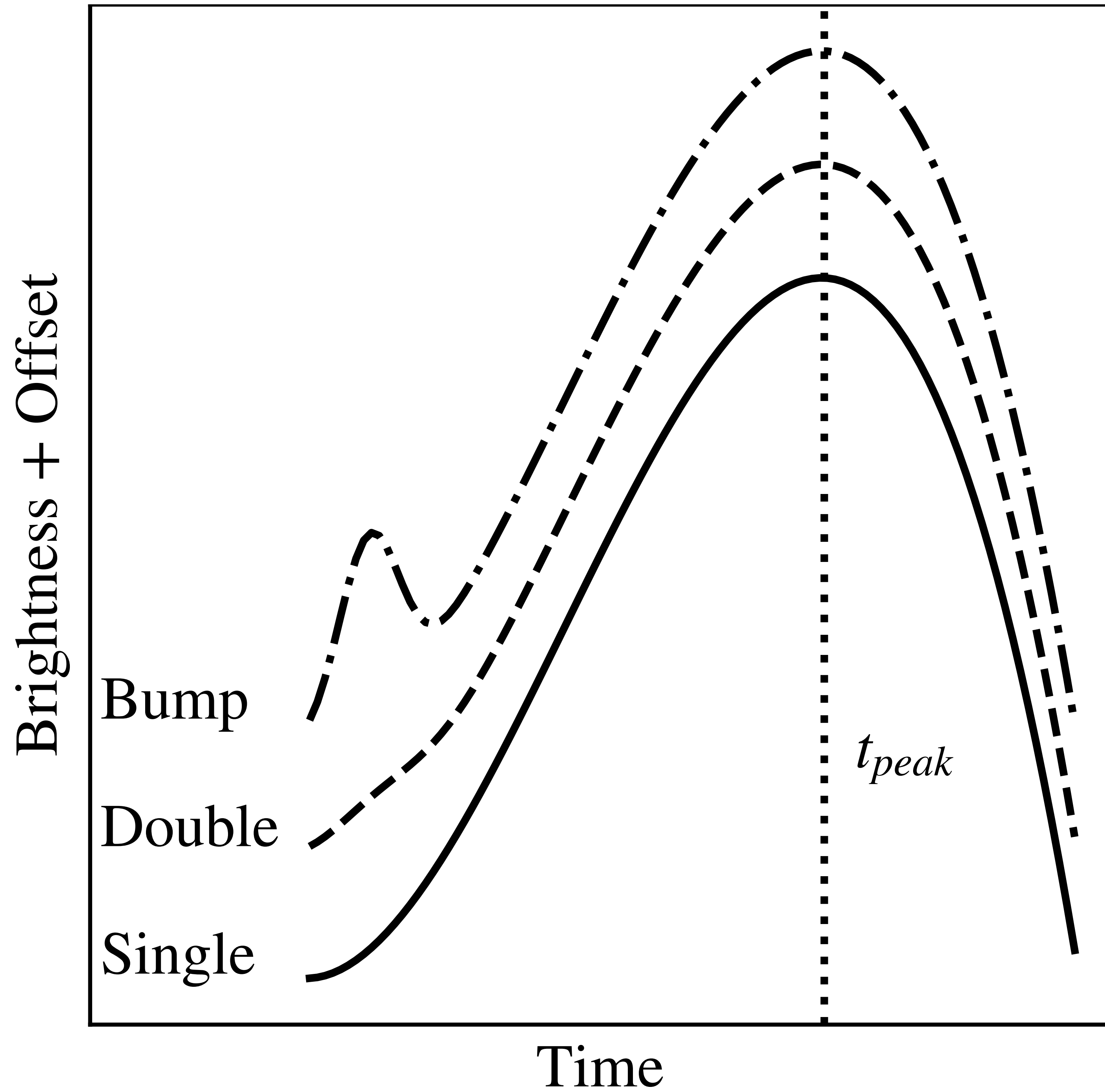
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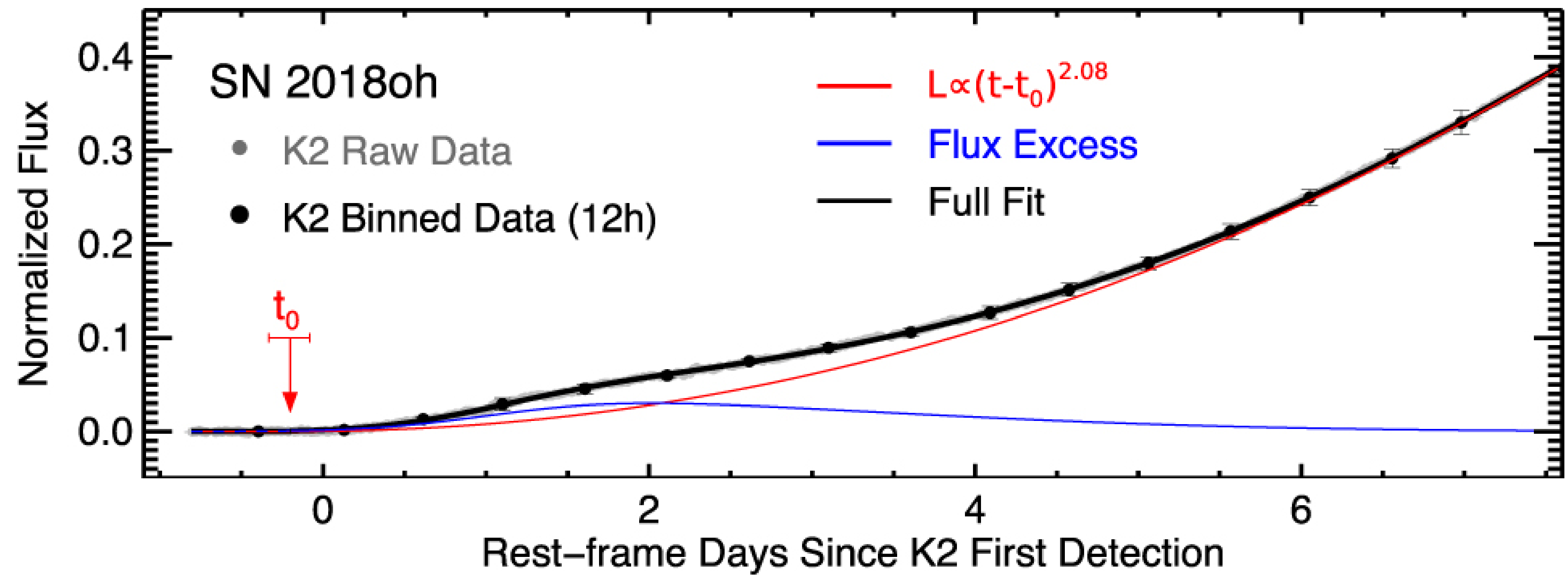
Received 1998 July 9; revised 1998 August 6

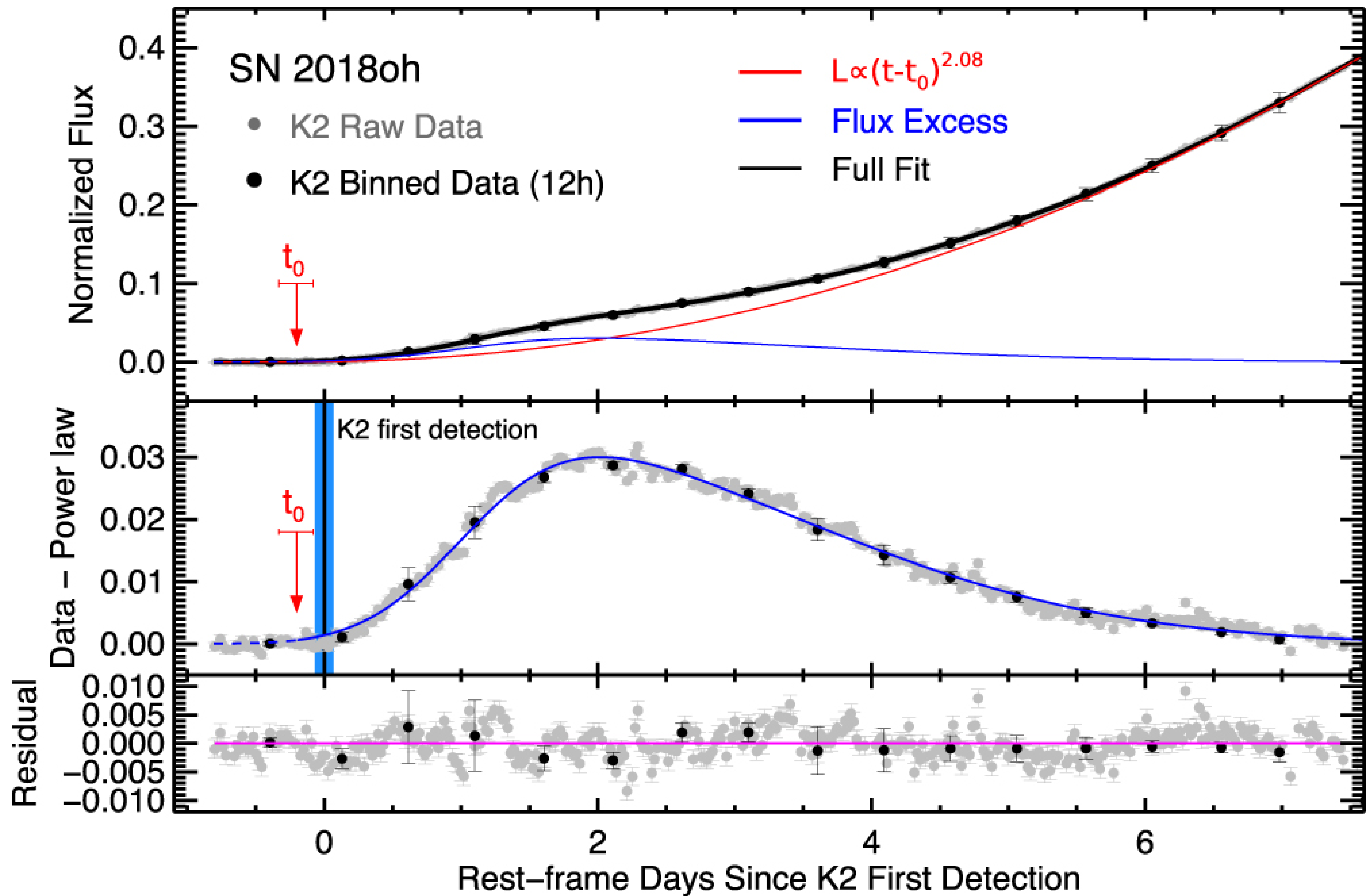


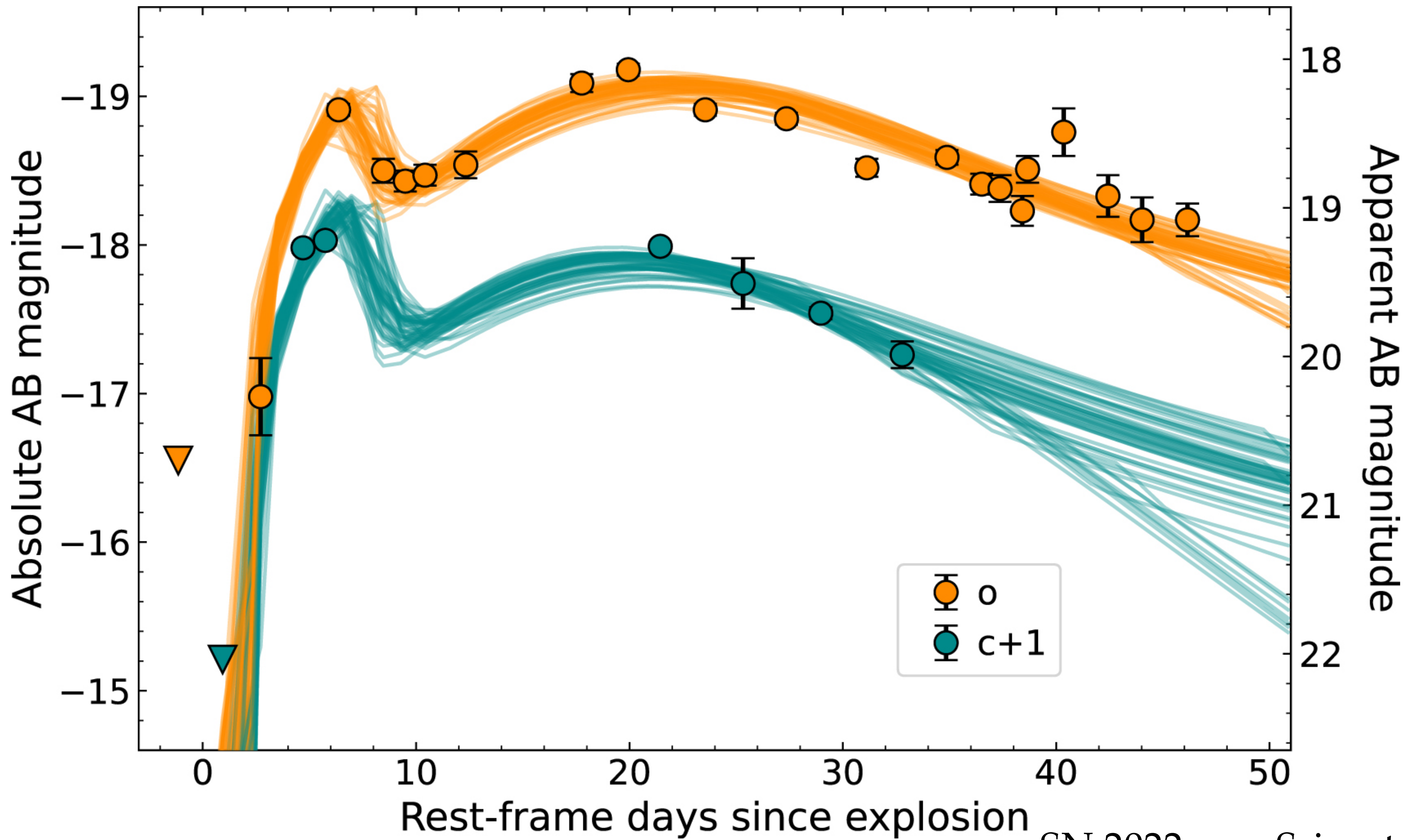


Rising Light Curves

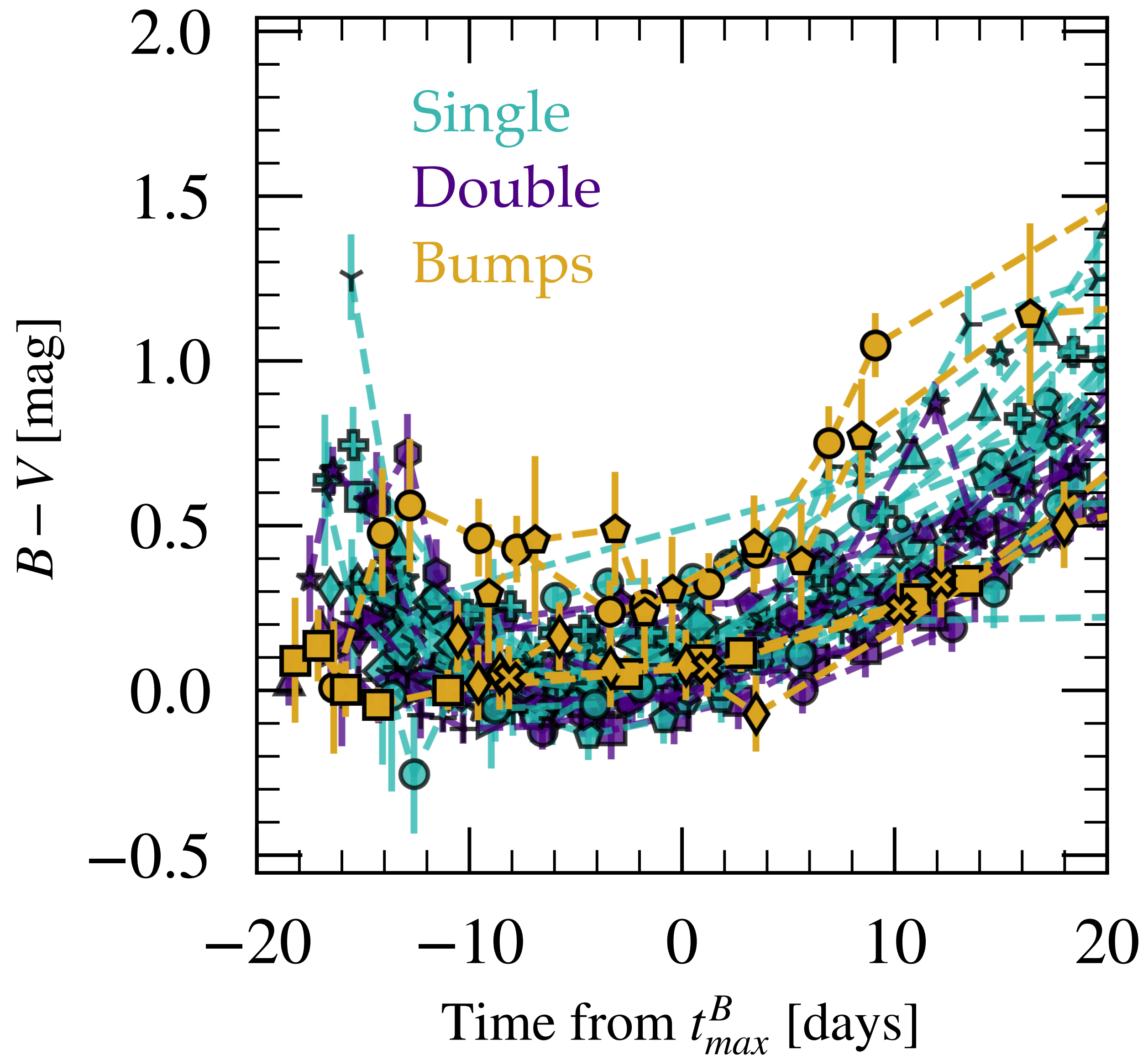


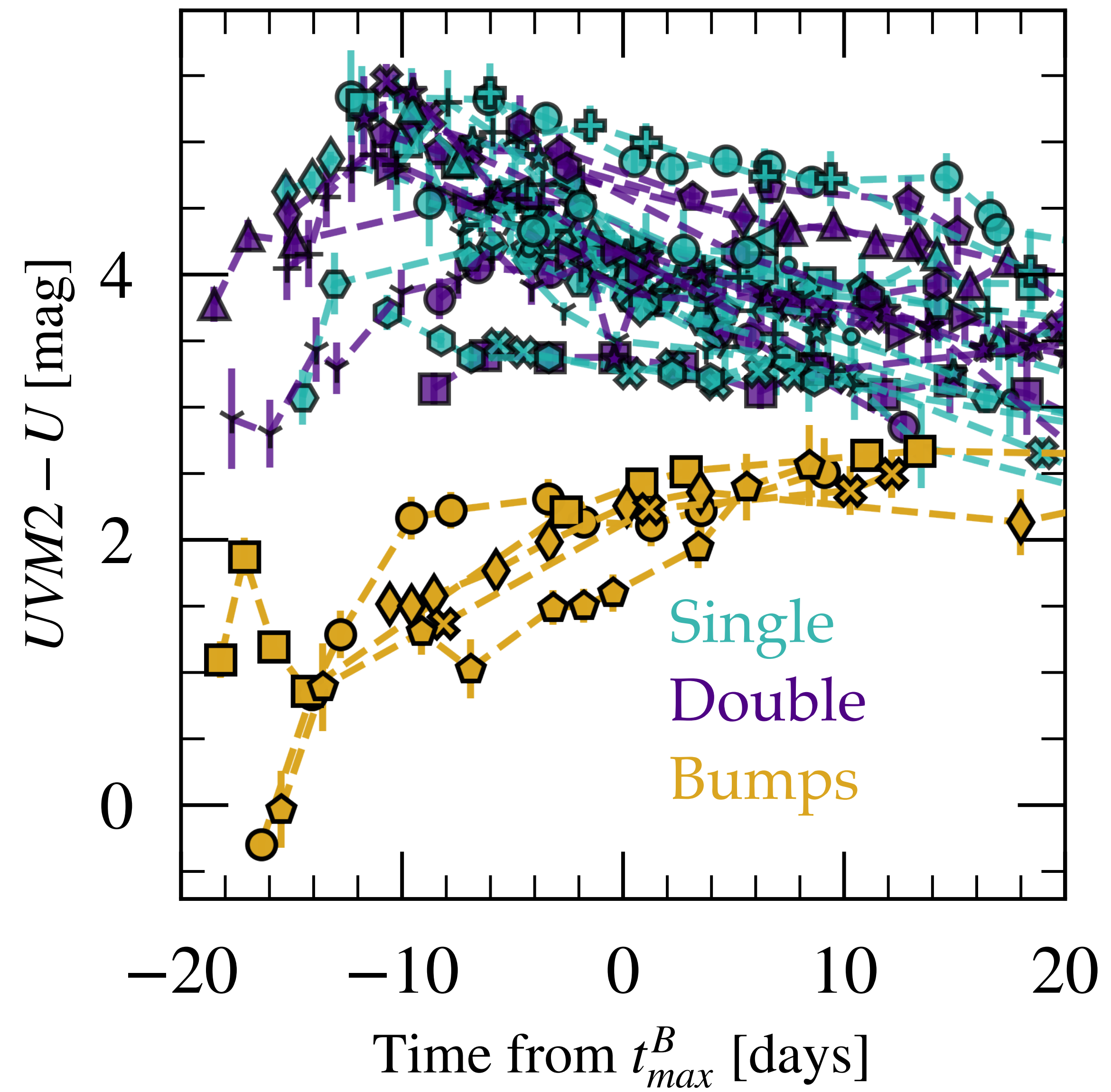
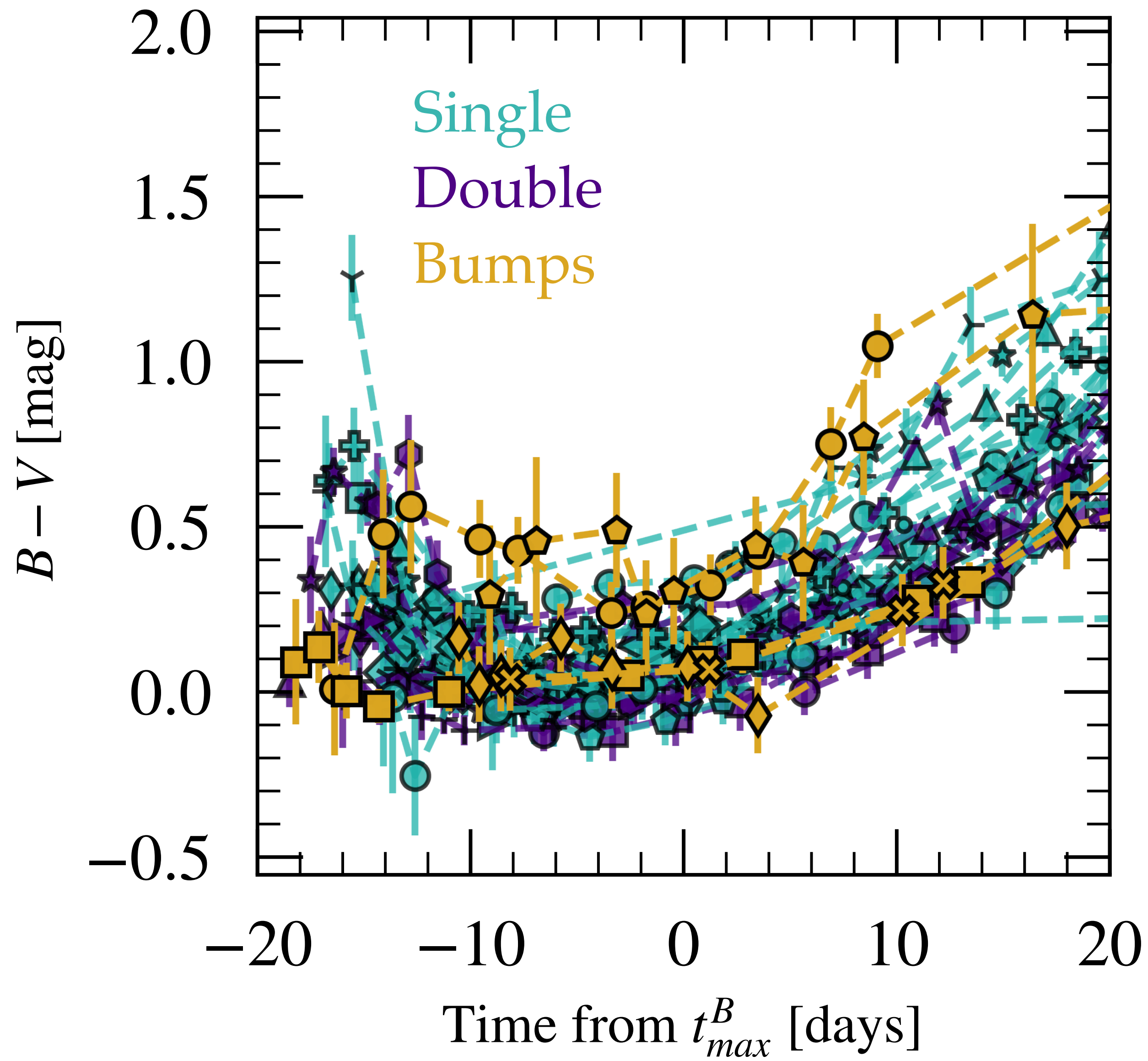




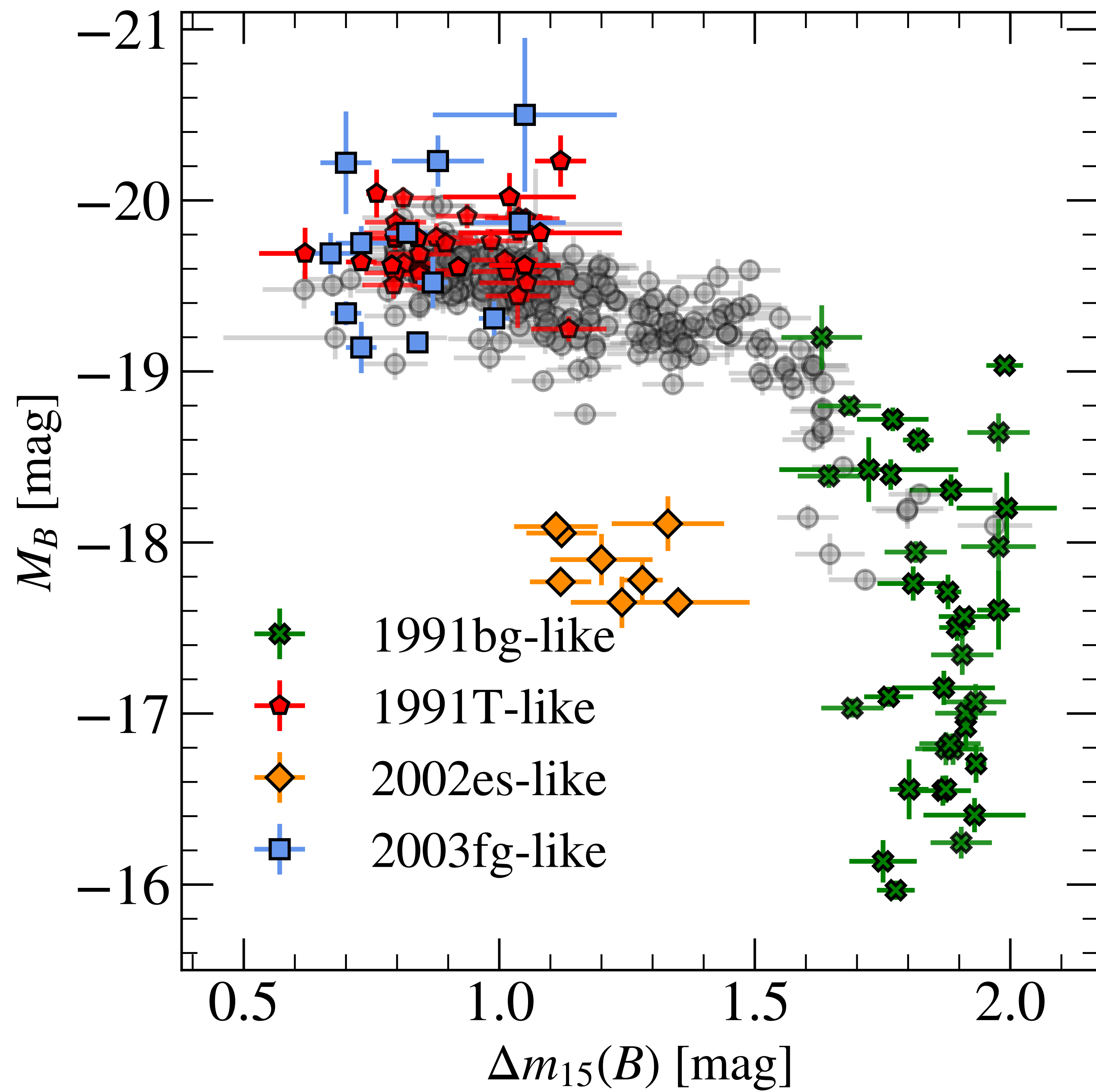


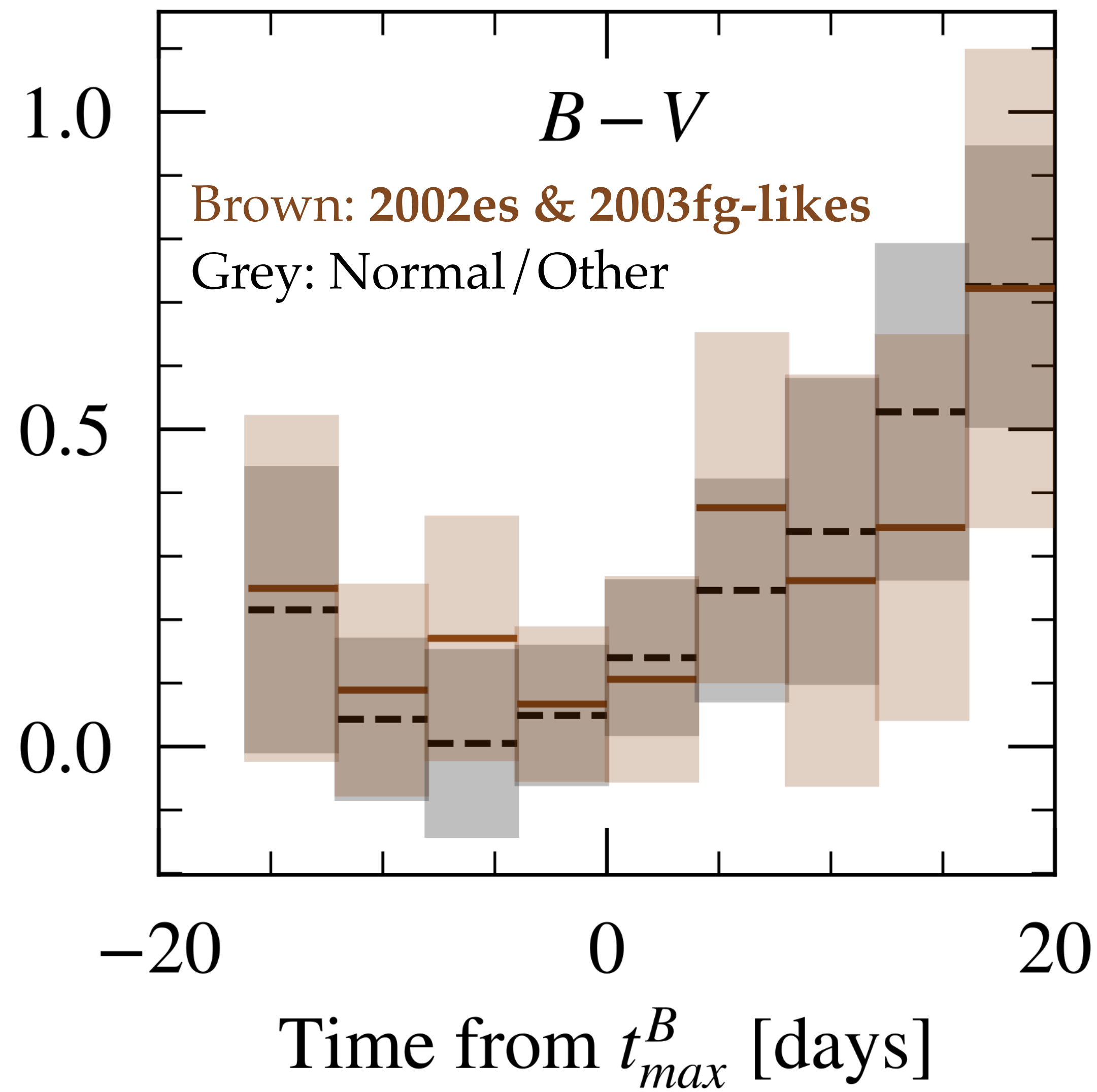
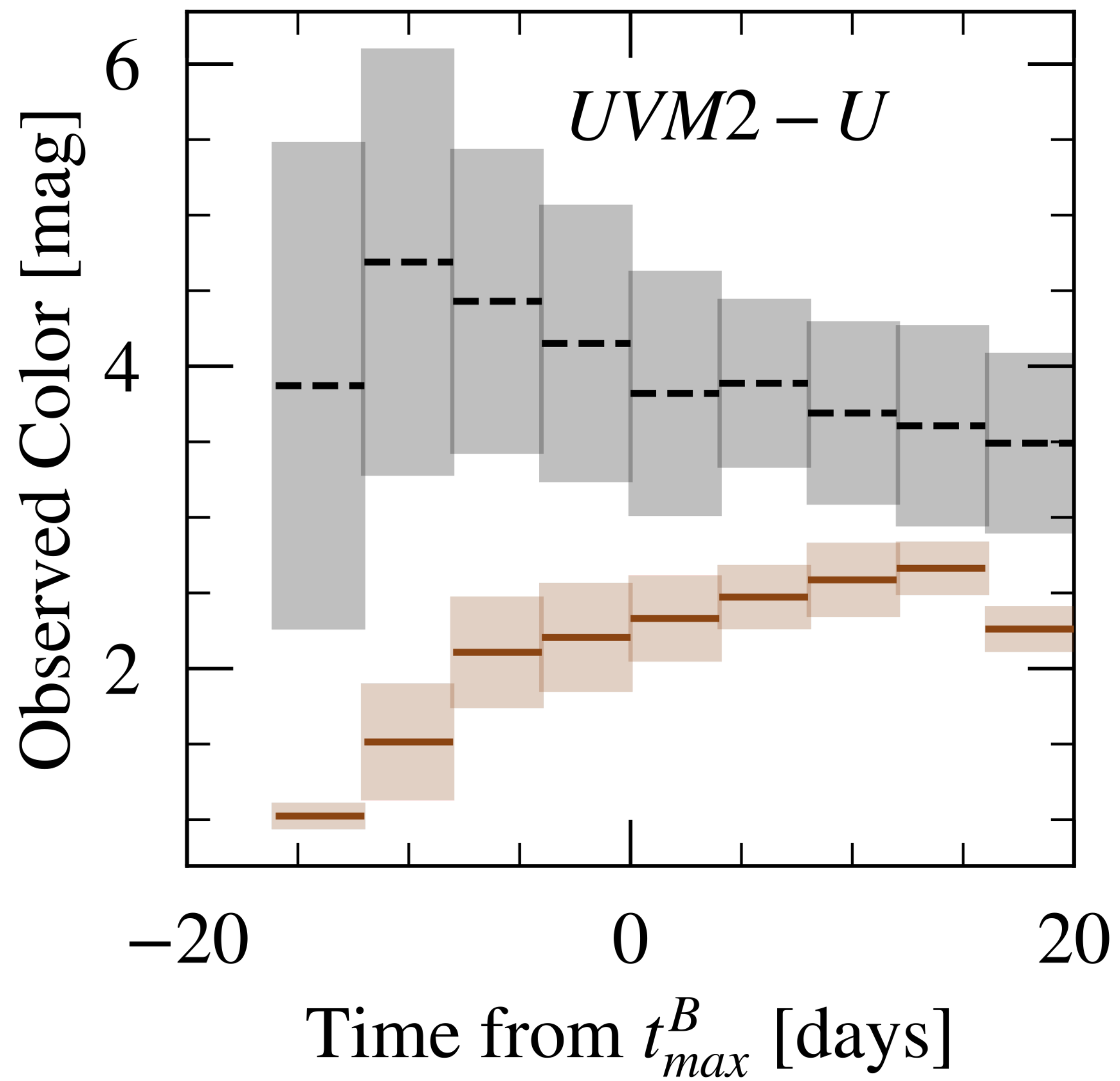
SN 2022ywc; Srivastav+23

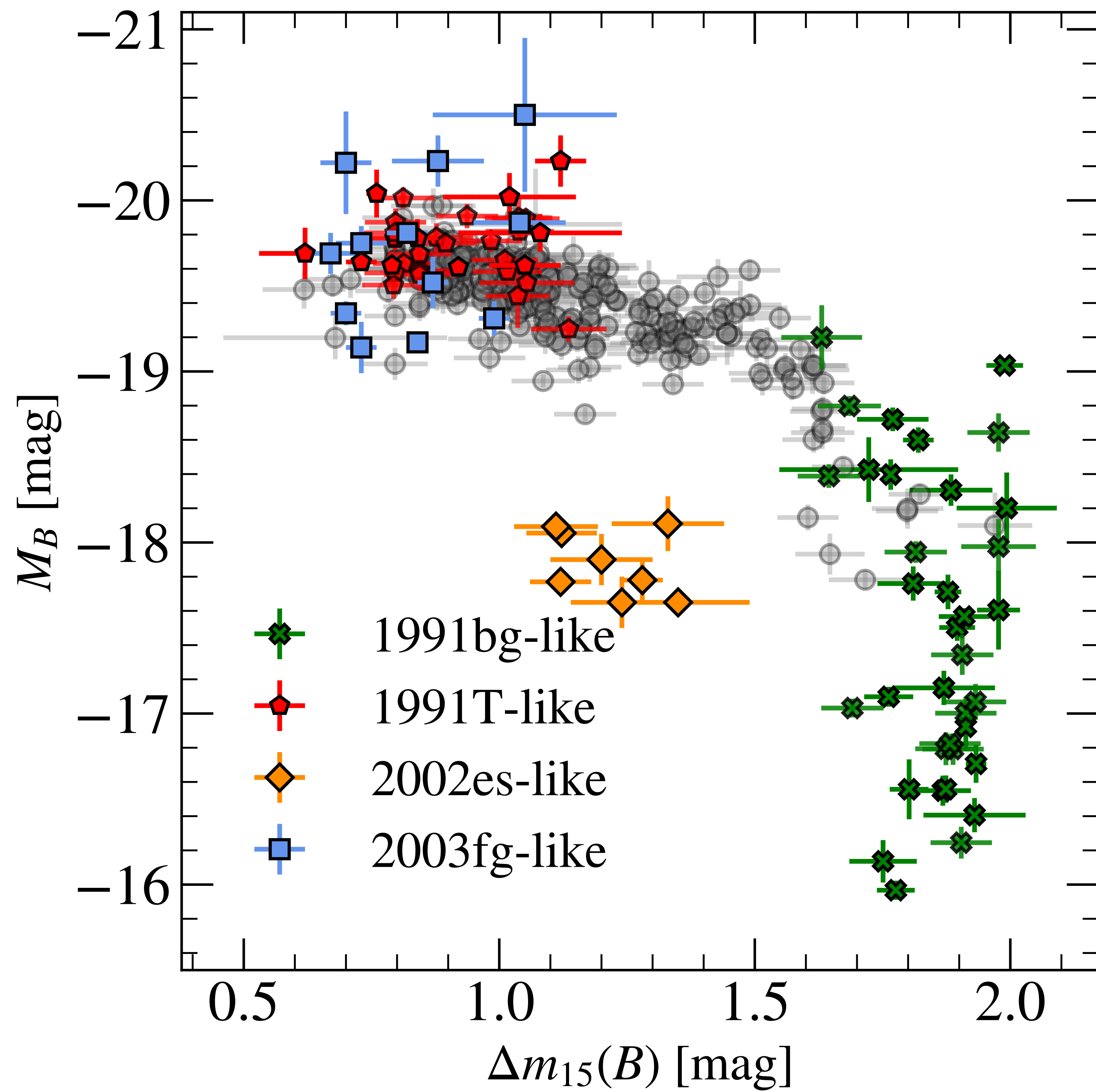


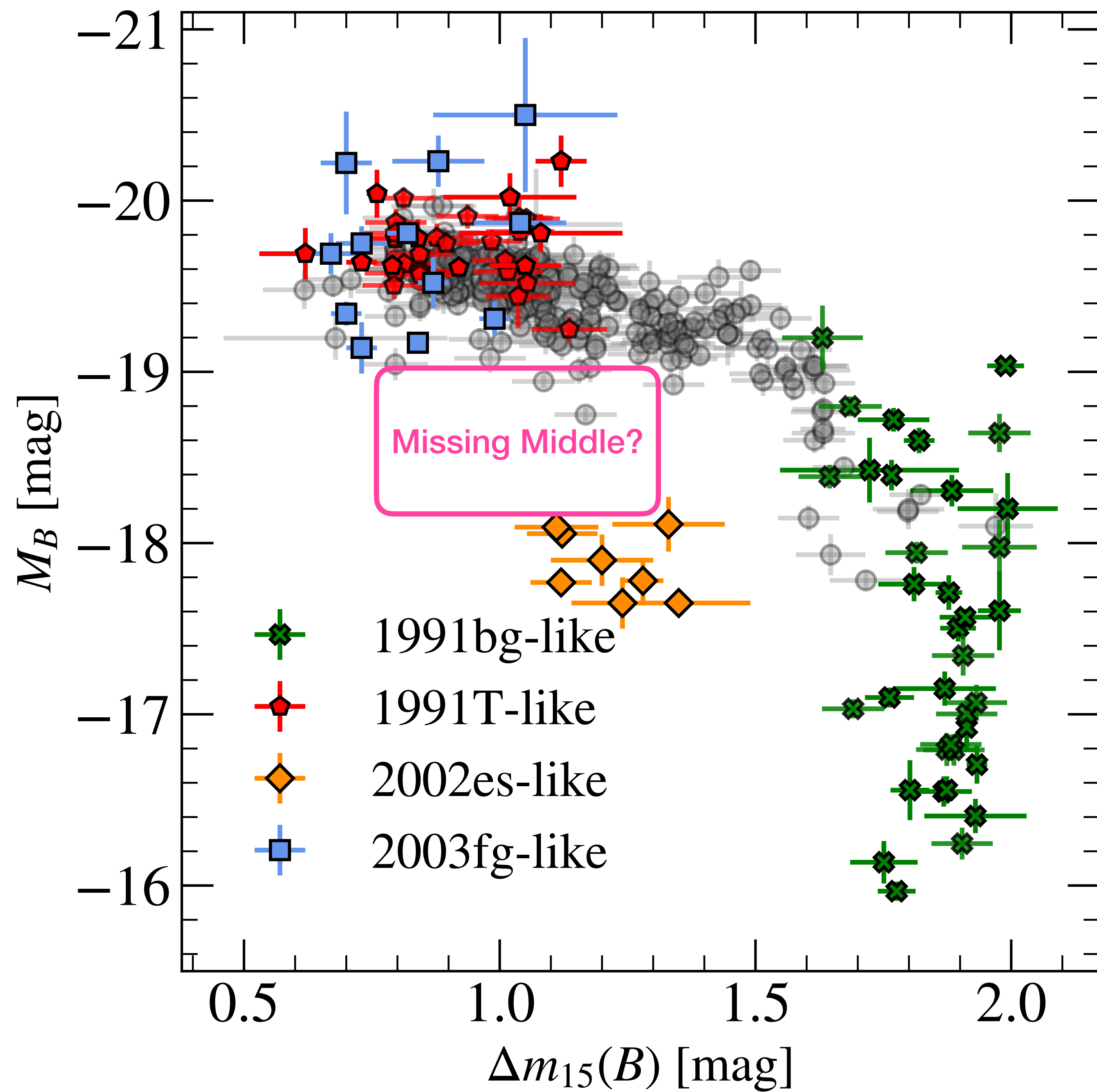


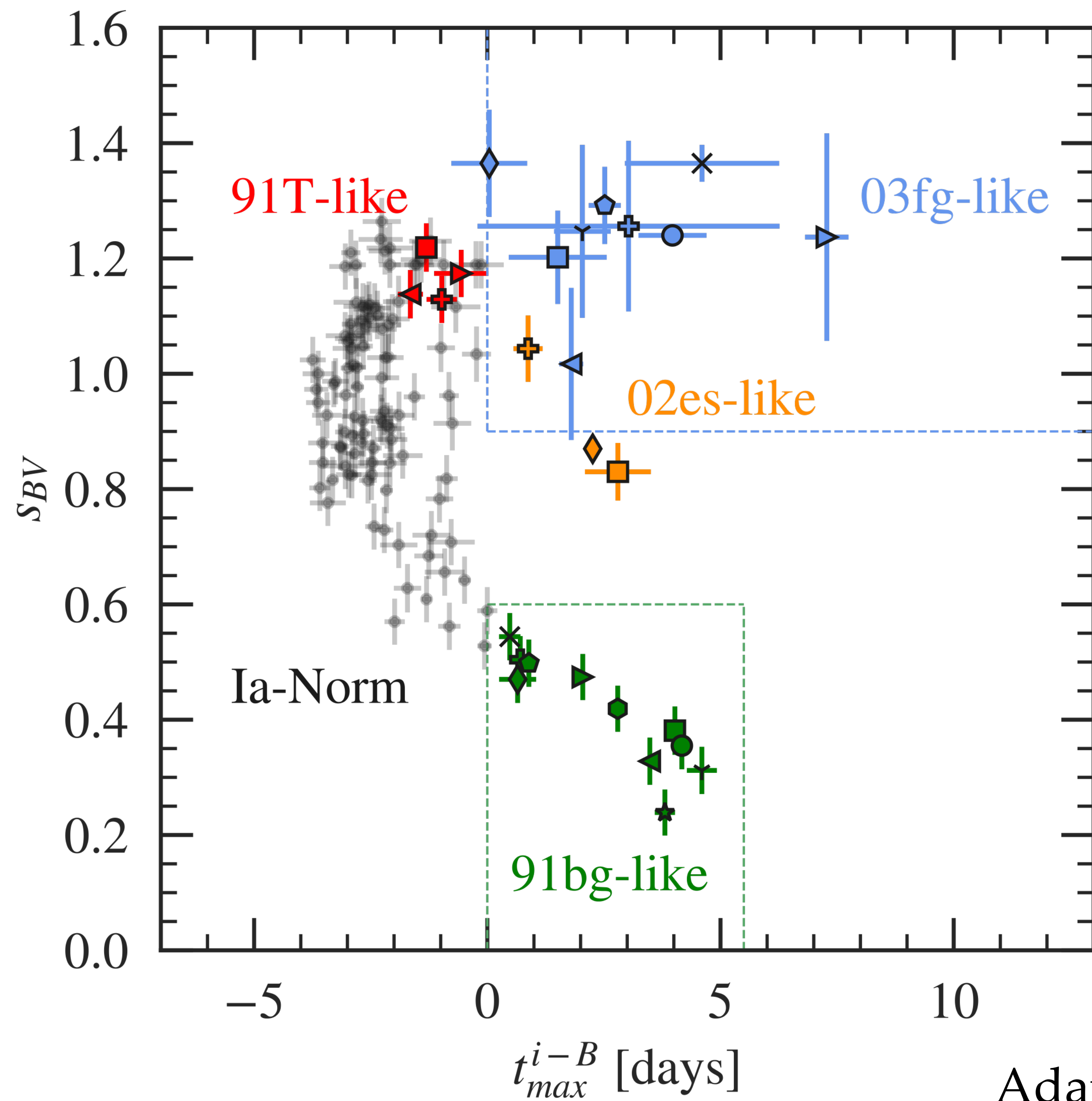
Subtypes











Adapted from Ashall+20

Infant Observations

