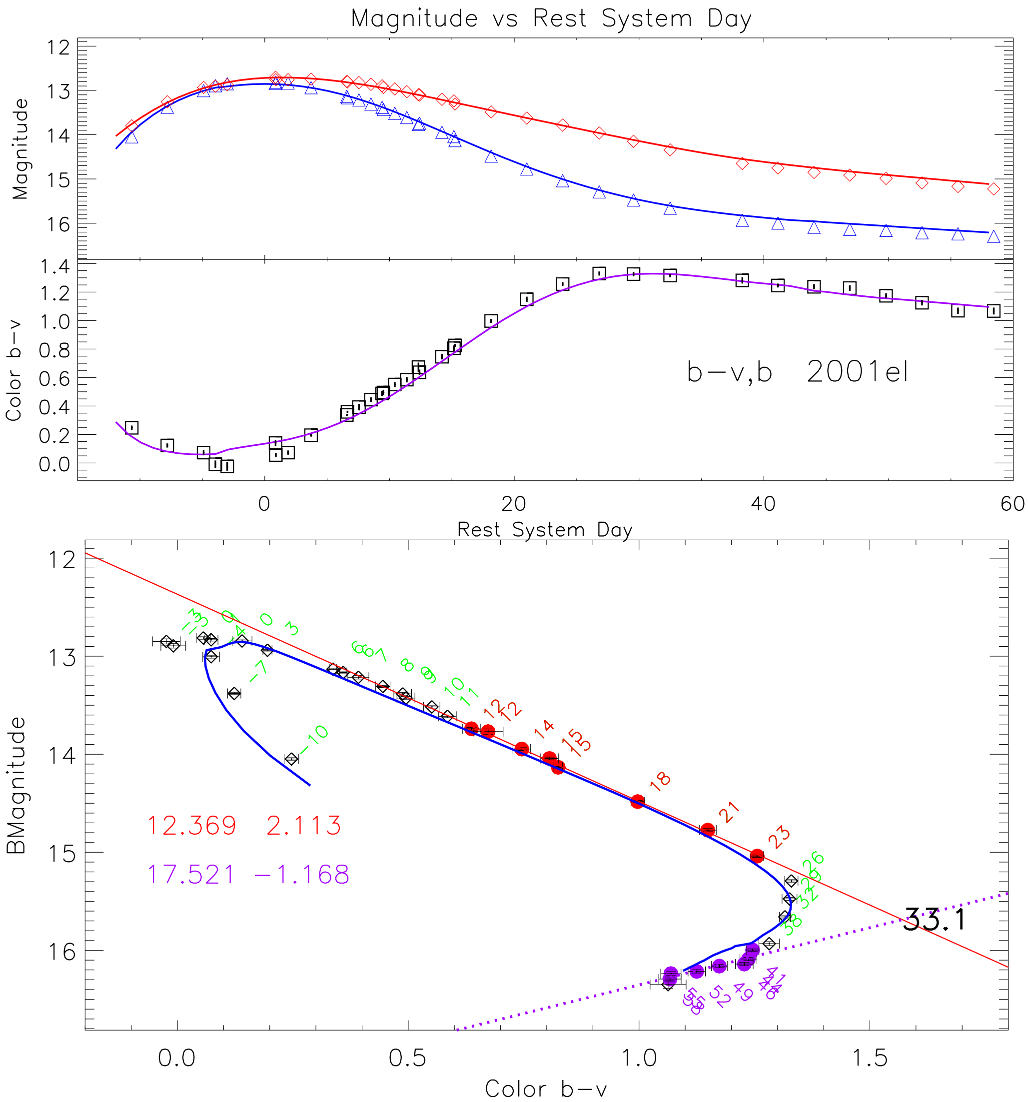

Fig. 1.— Example of a SN, SN2001el that illustrates the light curve fits as well as the CMAGIC linear features. (top) The lightcurve in the B-band (blue triangles) and V-band (red diamonds). The blue and red curves are the fits described in this paper to these light curves. The experimental errors are smaller then the symbols shown. (middle) B-V color vs. Rest-frame day plot.The data shown are the difference of the two data sets above. The violet curve is the difference of the two curves above, with no attempt to fit the actual B-V color as well. (bottom) The B-V Color-Magnitude plot. The epoch before and after the CMAGIC linear region is shown as black diamonds, the corresponding rest frame dates are shown in green. The epoch of the CMAGIC linear region is shown as red filled circles with red restframe dates. The second linear region which corresponds to the Lira - Phillips region in the above representation is interpreted as the nebular phase and is shown as violet filled circles with violet restframe dates. The red line is the CMAGIC fit to the linear region. The violet dashed line is the fit to the nebular phase region. The intersection of these two lines is marked with the 'Transition' day (in black).The coefficients of the lines given by $B = \alpha + \beta(B - V)$ are shown with the corresponding colors. The blue curve shown is obtained from the two light curve fits above, again without fit to the actual B-V color.

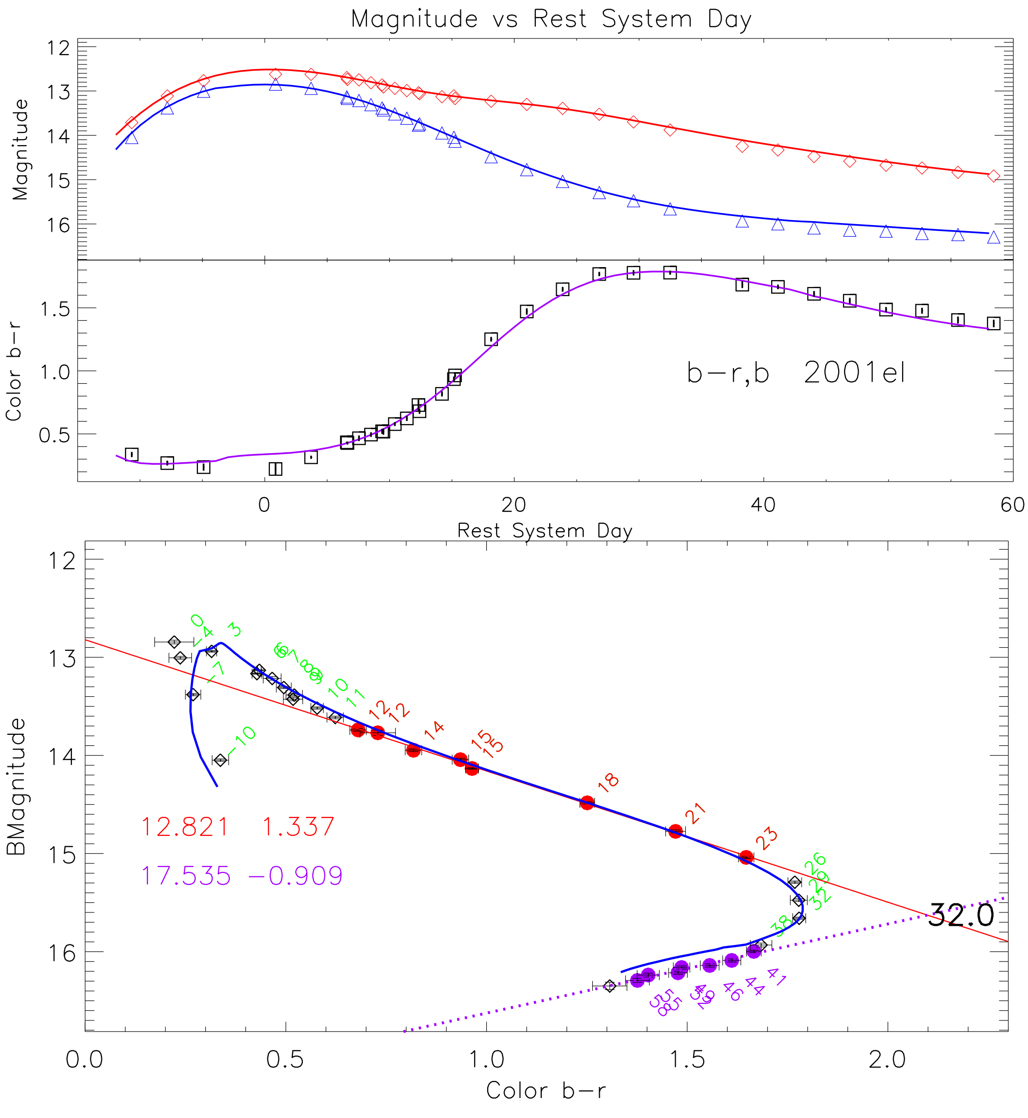

Fig. 2.— The same plots as in Figure. 1 for the B and R light curves and the B-R color

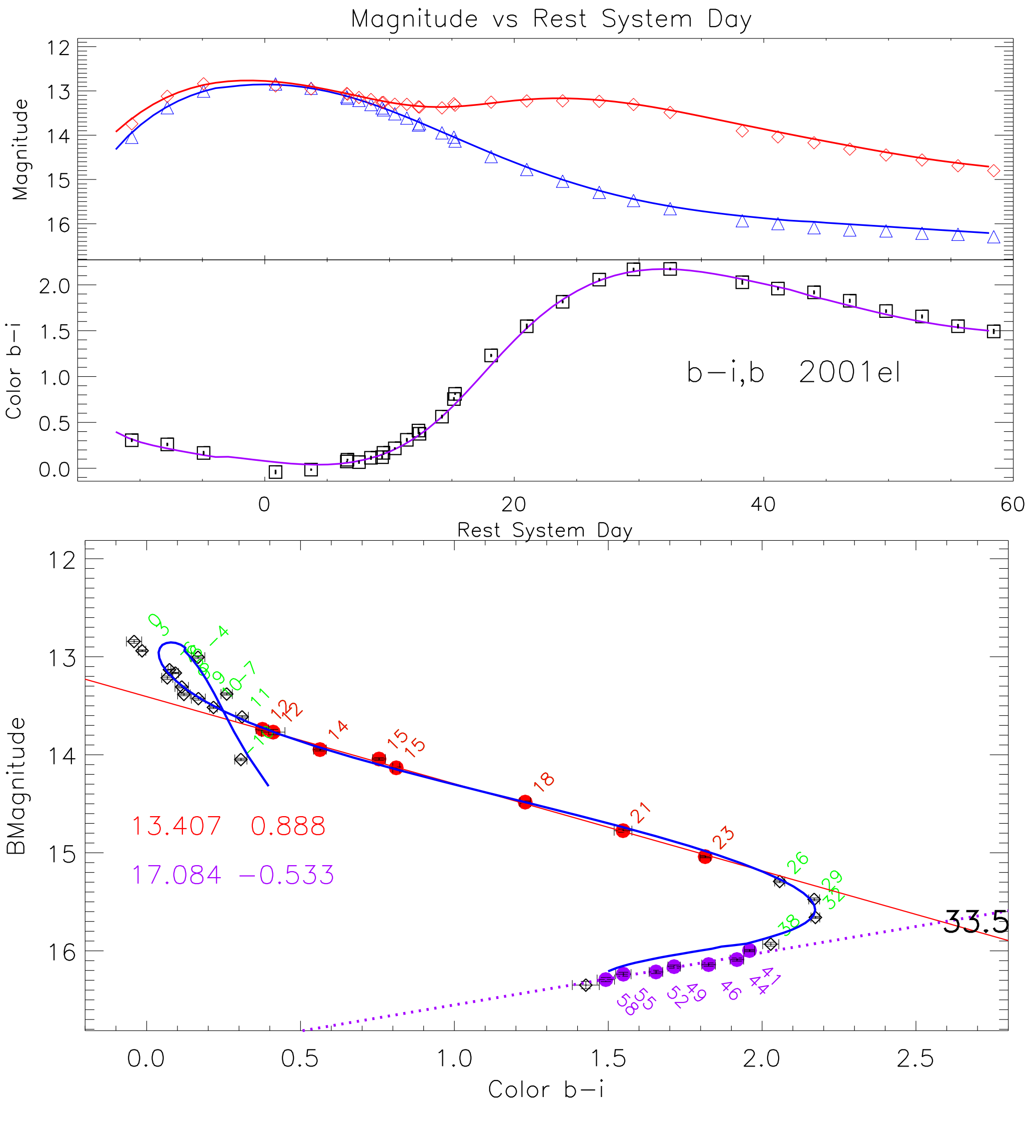

Fig. 3.— The same plots as in Figure. 1 for the B and I light curves and the B-I color