SN2007bd  $z_{\text{helio}} = 0.0309 \ t_0 = 54206.71 \pm 0.08 \ 1 \text{stPh} = -9.4 \ \partial \mu m_B x_1 c = [0.99, \ 1.00, \ 0.00, \ 0.00] \ m_0 = 5.892 \pm 0.013 \ x_1 = -0.947 \pm 0.061 \ c = -0.067 \pm 0.012$ 

