

SN2009ds

 $z_{\text{helio}} = 0.0193$ $t_0 = 54961.50 \pm 0.09$ 1stPh = -9.4 $\partial\mu m_B x_1 c = [0.99, 1.00, 0.00, 0.00]$ $m_0 = 4.878 \pm 0.013$ $x_1 = 1.379 \pm 0.132$ $c = 0.082 \pm 0.013$ 