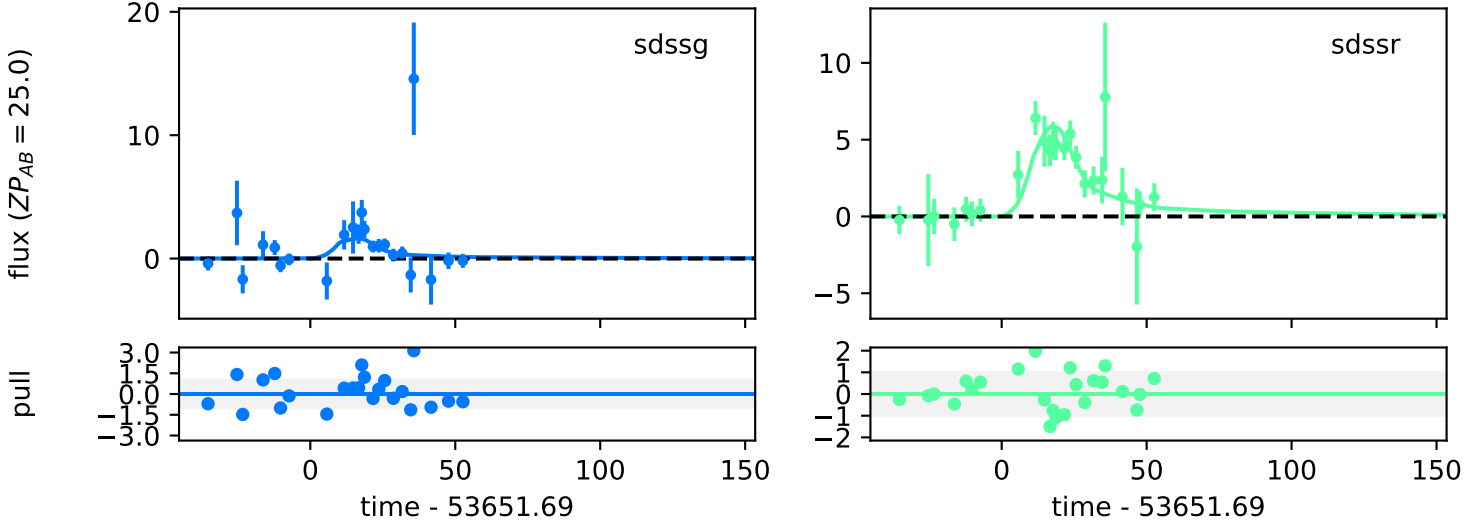
$z = 0.35812000$
$t_0 = 53651.7 \pm 1.2$

$A = (5.93 \pm 0.47) \times 10^{-10}$