

Quantity (Q)	$\pm\Delta Q$	+Change in $\phi_s$	-Change in $\phi_s$
$N_{\text{bkg}}$	10.1	0.0025	-0.0030
$N_{\eta'}$	3.4	-0.0001	-0.0001
$N_{\text{sig}}$	46.47	-0.0030	0.0028
$\alpha$	$1.7 \cdot 10^{-4}$	-0.0002	-0.0002
$N_{\text{LL}}/N_{\text{bkg}}$	0.0238	0.0060	-0.0063
$m_0$ (MeV)	0.32	-0.0003	0.0011
$\sigma(m)$ (MeV)	0.31	-0.0026	0.0020
$\tau_{\text{bkg}}$ (ps)	0.05	-0.0075	0.0087
$\sigma(t)$ (ps)	5%	-0.0024	0.0022
$t_0$ (ps)	0.015	0.0060	0.0050
$a$ (ps $^{-1}$ )	0.07	-0.0065	-0.0065
$n$	0.12	-0.0089	-0.0089
$CP$ -even D-wave		0.0070	0
Total Systematic Error		+0.018	-0.017