

Parameter	Fit result and error
$\Gamma$	$0.66313 \pm 0.004855$
$\Delta\Gamma$	$0.099998 \pm 0.016255$
$A_{\perp}^2$	$0.24869 \pm 0.0088287$
$A_0^2$	$0.52114 \pm 0.0061444$
$\delta_{\parallel}$	$3.3057 \pm 0.16159$
$\delta_{\perp}$	$3.0771 \pm 0.2199$
$F_S(990)$	$0.22674 \pm 0.075554$
$\delta_S(990)$	$1.3248 \pm 0.68238$
$\Delta m_s$	$17.669 \pm 0.076988$
$\phi_s$	$0.067015 \pm 0.09112$
$\lambda$	$0.94443 \pm 0.03578$
$\omega_{P1}^{OS}$	$1.0004 \pm 0.022937$
$\omega_{P0}^{OS}$	$0.39191 \pm 0.0077943$
$\delta_{P0}^{OS}$	$0.011052 \pm 0.0033969$
$\sigma(\tau)_{\text{scale}}^{\text{resolution}}$	$1.451 \pm 0.059376$
$\omega_{P1}^{SS}$	$1.0303 \pm 0.15867$
$\omega_{P0}^{SS}$	$0.35541 \pm 0.016331$
$\delta_{P0}^{SS}$	$-0.018935 \pm 0.0049995$
$\omega_{P0}^{OS+SS}$	$0.0048276 \pm 0.024531$
$\delta_{P0}^{OS+SS}$	$-0.011076 \pm 0.0040006$
$F_S(1008)$	$0.066712 \pm 0.029378$
$\delta_S(1008)$	$0.77142 \pm 0.29071$
$F_S(1016)$	$0.008139 \pm 0.022757$
$\delta_S(1016)$	$0.49101 \pm 0.92382$
$F_S(1020)$	$0.016038 \pm 0.010605$
$\delta_S(1020)$	$-0.516 \pm 0.25787$
$F_S(1024)$	$0.055271 \pm 0.025907$
$\delta_S(1024)$	$-0.4522 \pm 0.20316$
$F_S(1032)$	$0.1678 \pm 0.041506$
$\delta_S(1032)$	$-0.65279 \pm 0.19851$
$\delta_0$	$0 \pm 0$
$C_{S-P}(990)$	$0.966 \pm 0$
$\bar{\omega}_{\omega}^{OS}$	$0.392 \pm 0$
$\delta_{P1}^{OS}$	$0 \pm 0$
$\delta_{\bar{\omega}}^{OS}$	$0 \pm 0$
$\bar{\omega}_{\omega}^{SS}$	$0.35 \pm 0$
$\delta_{P1}^{SS}$	$0 \pm 0$
$\delta_{\bar{\omega}}^{SS}$	$0 \pm 0$
$\omega_{P1}^{OS+SS}$	$1 \pm 0$
$\bar{\omega}_{\omega}^{OS+SS}$	$0 \pm 0$
$\delta_{P1}^{OS+SS}$	$0 \pm 0$
$\delta_{\bar{\omega}}^{OS+SS}$	$0 \pm 0$
$C_{S-P}(1008)$	$0.956 \pm 0$
$C_{S-P}(1016)$	$0.926 \pm 0$
$C_{S-P}(1020)$	$0.926 \pm 0$
$C_{S-P}(1024)$	$0.956 \pm 0$
$C_{S-P}(1032)$	$0.966 \pm 0$

Table 1: Some Caption

Parameter	Fit result and error	$\sigma$ from input
$\Gamma$	$0.66313 \pm 0.004855$	-1.7
$\Delta\Gamma$	$0.099998 \pm 0.016255$	-0.00011
$A_{\perp}^2$	$0.24869 \pm 0.0088287$	0.00083
$A_0^2$	$0.52114 \pm 0.0061444$	-0.00019
$\delta_{\parallel}$	$3.3057 \pm 0.16159$	-0.0003
$\delta_{\perp}$	$3.0771 \pm 0.2199$	-0.0017
$F_S(990)$	$0.22674 \pm 0.075554$	0.00086
$\delta_S(990)$	$1.3248 \pm 0.68238$	0.00031
$\Delta m_s$	$17.669 \pm 0.076988$	-0.011
$\phi_s$	$0.067015 \pm 0.09112$	0.00016
$\lambda$	$0.94443 \pm 0.03578$	0.012
$\omega_{P1}^{OS}$	$1.0004 \pm 0.022937$	0.0021
$\omega_{P0}^{OS}$	$0.39191 \pm 0.0077943$	0.00077
$\delta_{P0}^{OS}$	$0.011052 \pm 0.0033969$	-8.9e-05
$\sigma(\tau)_{\text{scale}}^{\text{resolution}}$	$1.451 \pm 0.059376$	0.017
$\omega_{P1}^{SS}$	$1.0303 \pm 0.15867$	0.00019
$\omega_{P0}^{SS}$	$0.35541 \pm 0.016331$	-0.00062
$\delta_{P0}^{SS}$	$-0.018935 \pm 0.0049995$	0.00015
$\omega_{P0}^{OS+SS}$	$0.0048276 \pm 0.024531$	0.0007
$\delta_{P0}^{OS+SS}$	$-0.011076 \pm 0.0040006$	0.00023
$F_S(1008)$	$0.066712 \pm 0.029378$	-0.00047
$\delta_S(1008)$	$0.77142 \pm 0.29071$	0.00017
$F_S(1016)$	$0.008139 \pm 0.022757$	-0.00017
$\delta_S(1016)$	$0.49101 \pm 0.92382$	0.0005
$F_S(1020)$	$0.016038 \pm 0.010605$	0.0018
$\delta_S(1020)$	$-0.516 \pm 0.25787$	0.0019
$F_S(1024)$	$0.055271 \pm 0.025907$	0.0011
$\delta_S(1024)$	$-0.4522 \pm 0.20316$	0.00063
$F_S(1032)$	$0.1678 \pm 0.041506$	0.00075
$\delta_S(1032)$	$-0.65279 \pm 0.19851$	0.00029
$\delta_0$	$0 \pm 0$	0
$C_{S-P}(990)$	$0.966 \pm 0$	0
$\bar{\omega}_{\omega}^{OS}$	$0.392 \pm 0$	0
$\delta_{P1}^{OS}$	$0 \pm 0$	0
$\delta_{\bar{\omega}}^{OS}$	$0 \pm 0$	0
$\bar{\omega}_{\omega}^{SS}$	$0.35 \pm 0$	0
$\delta_{P1}^{SS}$	$0 \pm 0$	0
$\delta_{\bar{\omega}}^{SS}$	$0 \pm 0$	0
$\omega_{P1}^{OS+SS}$	$1 \pm 0$	0
$\bar{\omega}_{\omega}^{OS+SS}$	$0 \pm 0$	0
$\delta_{P1}^{OS+SS}$	$0 \pm 0$	0
$\delta_{\bar{\omega}}^{OS+SS}$	$0 \pm 0$	0
$C_{S-P}(1008)$	$0.956 \pm 0$	0
$C_{S-P}(1016)$	$0.926 \pm 0$	0
$C_{S-P}(1020)$	$0.926 \pm 0$	0
$C_{S-P}(1024)$	$0.956 \pm 0$	0
$C_{S-P}(1032)$	$0.966 \pm 0$	0

Table 2: Some Caption

Parameter	Fit result and error	$\sigma$ from input	Abs from input
$\Gamma$	$0.66313 \pm 0.004855$	-1.7	-0.0082557
$\Delta\Gamma$	$0.099998 \pm 0.016255$	-0.00011	-1.7421e-06
$A_{\perp}^2$	$0.24869 \pm 0.0088287$	0.00083	7.3489e-06
$A_0^2$	$0.52114 \pm 0.0061444$	-0.00019	-1.1768e-06
$\delta_{\parallel}$	$3.3057 \pm 0.16159$	-0.0003	-4.9097e-05
$\delta_{\perp}$	$3.0771 \pm 0.2199$	-0.0017	-0.00037756
$F_S(990)$	$0.22674 \pm 0.075554$	0.00086	6.5071e-05
$\delta_S(990)$	$1.3248 \pm 0.68238$	0.00031	0.0002087
$\Delta m_s$	$17.669 \pm 0.076988$	-0.011	-0.00081236
$\phi_s$	$0.067015 \pm 0.09112$	0.00016	1.4805e-05
$\lambda$	$0.94443 \pm 0.03578$	0.012	0.00042671
$\omega_{P_1}^{OS}$	$1.0004 \pm 0.022937$	0.0021	4.7673e-05
$\omega_{P_0}^{OS}$	$0.39191 \pm 0.0077943$	0.00077	6.0326e-06
$\delta_{P_0}^{OS}$	$0.011052 \pm 0.0033969$	-8.9e-05	-3.0232e-07
$\sigma(\tau)_{\text{scale}}^{\text{resolution}}$	$1.451 \pm 0.059376$	0.017	0.0010309
$\omega_{P_1}^{SS}$	$1.0303 \pm 0.15867$	0.00019	3.0777e-05
$\omega_{P_0}^{SS}$	$0.35541 \pm 0.016331$	-0.00062	-1.0095e-05
$\delta_{P_0}^{SS}$	$-0.018935 \pm 0.0049995$	0.00015	7.2878e-07
$\omega_{P_0}^{OS+SS}$	$0.0048276 \pm 0.024531$	0.0007	1.7154e-05
$\delta_{P_0}^{OS+SS}$	$-0.011076 \pm 0.0040006$	0.00023	9.2092e-07
$F_S(1008)$	$0.066712 \pm 0.029378$	-0.00047	-1.3669e-05
$\delta_S(1008)$	$0.77142 \pm 0.29071$	0.00017	4.8384e-05
$F_S(1016)$	$0.008139 \pm 0.022757$	-0.00017	-3.8943e-06
$\delta_S(1016)$	$0.49101 \pm 0.92382$	0.0005	0.00046633
$F_S(1020)$	$0.016038 \pm 0.010605$	0.0018	1.8851e-05
$\delta_S(1020)$	$-0.516 \pm 0.25787$	0.0019	0.00048476
$F_S(1024)$	$0.055271 \pm 0.025907$	0.0011	2.8522e-05
$\delta_S(1024)$	$-0.4522 \pm 0.20316$	0.00063	0.00012867
$F_S(1032)$	$0.1678 \pm 0.041506$	0.00075	3.1025e-05
$\delta_S(1032)$	$-0.65279 \pm 0.19851$	0.00029	5.8237e-05
$\delta_0$	$0 \pm 0$	0	0
$C_{S-P}(990)$	$0.966 \pm 0$	0	0
$\bar{\omega}_{\omega}^{OS}$	$0.392 \pm 0$	0	0
$\delta_{P_1}^{OS}$	$0 \pm 0$	0	0
$\delta_{\omega}^{OS}$	$0 \pm 0$	0	0
$\bar{\omega}_{\omega}^{SS}$	$0.35 \pm 0$	0	0
$\delta_{P_1}^{SS}$	$0 \pm 0$	0	0
$\delta_{\omega}^{SS}$	$0 \pm 0$	0	0
$\omega_{P_1}^{OS+SS}$	$1 \pm 0$	0	0
$\bar{\omega}_{\omega}^{OS+SS}$	$0 \pm 0$	0	0
$\delta_{P_1}^{OS+SS}$	$0 \pm 0$	0	0
$\delta_{\omega}^{OS+SS}$	$0 \pm 0$	0	0
$C_{S-P}(1008)$	$0.956 \pm 0$	0	0
$C_{S-P}(1016)$	$0.926 \pm 0$	0	0
$C_{S-P}(1020)$	$0.926 \pm 0$	0	0
$C_{S-P}(1024)$	$0.956 \pm 0$	0	0
$C_{S-P}(1032)$	$0.966 \pm 0$	0	0
$\tau_{\text{Offset}}$	$0 \pm -2$	0	0

Table 3: Some Caption

Parameter	Fit result and error	$\sigma$ from input
$\Gamma$	$0.66313 \pm 0.004855$	-1.7
$\Delta\Gamma$	$0.099998 \pm 0.016255$	-0.00011
$A_{\perp}^2$	$0.24869 \pm 0.0088287$	0.00083
$A_0^2$	$0.52114 \pm 0.0061444$	-0.00019
$\delta_{\parallel}$	$3.3057 \pm 0.16159$	-0.0003
$\delta_{\perp}$	$3.0771 \pm 0.2199$	-0.0017
$F_S(990)$	$0.22674 \pm 0.075554$	0.00086
$\delta_S(990)$	$1.3248 \pm 0.68238$	0.00031
$\Delta m_s$	$17.669 \pm 0.076988$	-0.011
$\phi_s$	$0.067015 \pm 0.09112$	0.00016
$\lambda$	$0.94443 \pm 0.03578$	0.012
$\omega_{P1}^{OS}$	$1.0004 \pm 0.022937$	0.0021
$\omega_{P0}^{OS}$	$0.39191 \pm 0.0077943$	0.00077
$\delta_{P0}^{OS}$	$0.011052 \pm 0.0033969$	-8.9e-05
$\sigma(\tau)_{\text{scale}}^{\text{resolution}}$	$1.451 \pm 0.059376$	0.017
$\omega_{P1}^{SS}$	$1.0303 \pm 0.15867$	0.00019
$\omega_{P0}^{SS}$	$0.35541 \pm 0.016331$	-0.00062
$\delta_{P0}^{SS}$	$-0.018935 \pm 0.0049995$	0.00015
$\omega_{P0}^{OS+SS}$	$0.0048276 \pm 0.024531$	0.0007
$\delta_{P0}^{OS+SS}$	$-0.011076 \pm 0.0040006$	0.00023
$F_S(1008)$	$0.066712 \pm 0.029378$	-0.00047
$\delta_S(1008)$	$0.77142 \pm 0.29071$	0.00017
$F_S(1016)$	$0.008139 \pm 0.022757$	-0.00017
$\delta_S(1016)$	$0.49101 \pm 0.92382$	0.0005
$F_S(1020)$	$0.016038 \pm 0.010605$	0.0018
$\delta_S(1020)$	$-0.516 \pm 0.25787$	0.0019
$F_S(1024)$	$0.055271 \pm 0.025907$	0.0011
$\delta_S(1024)$	$-0.4522 \pm 0.20316$	0.00063
$F_S(1032)$	$0.1678 \pm 0.041506$	0.00075
$\delta_S(1032)$	$-0.65279 \pm 0.19851$	0.00029
$\delta_0$	$0 \pm 0$	0
$C_{S-P}(990)$	$0.966 \pm 0$	0
$\bar{\omega}_{\omega}^{OS}$	$0.392 \pm 0$	0
$\delta_{P1}^{OS}$	$0 \pm 0$	0
$\delta_{\bar{\omega}}^{OS}$	$0 \pm 0$	0
$\bar{\omega}_{\omega}^{SS}$	$0.35 \pm 0$	0
$\delta_{P1}^{SS}$	$0 \pm 0$	0
$\delta_{\bar{\omega}}^{SS}$	$0 \pm 0$	0
$\omega_{P1}^{OS+SS}$	$1 \pm 0$	0
$\bar{\omega}_{\omega}^{OS+SS}$	$0 \pm 0$	0
$\delta_{P1}^{OS+SS}$	$0 \pm 0$	0
$\delta_{\bar{\omega}}^{OS+SS}$	$0 \pm 0$	0
$C_{S-P}(1008)$	$0.956 \pm 0$	0
$C_{S-P}(1016)$	$0.926 \pm 0$	0
$C_{S-P}(1020)$	$0.926 \pm 0$	0
$C_{S-P}(1024)$	$0.956 \pm 0$	0
$C_{S-P}(1032)$	$0.966 \pm 0$	0
$\tau_{\text{Offset}}$	$0 \pm -2$	0

Table 4: Some Caption

Parameter	Fit result and error
$\Gamma$	$0.663 \pm 0.00486$
$\Delta\Gamma$	$0.1 \pm 0.0163$
$A_1^2$	$0.249 \pm 0.00883$
$A_0^2$	$0.521 \pm 0.00614$
$\delta_{\parallel}$	$3.31 \pm 0.162$
$\delta_{\perp}$	$3.08 \pm 0.22$
$F_S(990)$	$0.227 \pm 0.0756$
$\delta_S(990)$	$1.32 \pm 0.682$
$\Delta m_s$	$17.7 \pm 0.077$
$\phi_s$	$0.067 \pm 0.0911$
$\lambda$	$0.944 \pm 0.0358$
$\omega_{P1}^{OS}$	$1 \pm 0.0229$
$\omega_{P0}^{OS}$	$0.392 \pm 0.00779$
$\delta_{P0}^{OS}$	$0.0111 \pm 0.0034$
$\sigma(\tau)_{\text{scale}}^{\text{resolution}}$	$1.45 \pm 0.0594$
$\omega_{P1}^{SS}$	$1.03 \pm 0.159$
$\omega_{P0}^{SS}$	$0.355 \pm 0.0163$
$\delta_{P0}^{SS}$	$-0.0189 \pm 0.005$
$\omega_{P0}^{OS+SS}$	$0.00483 \pm 0.0245$
$\delta_{P0}^{OS+SS}$	$-0.0111 \pm 0.004$
$F_S(1008)$	$0.0667 \pm 0.0294$
$\delta_S(1008)$	$0.771 \pm 0.291$
$F_S(1016)$	$0.00814 \pm 0.0228$
$\delta_S(1016)$	$0.491 \pm 0.924$
$F_S(1020)$	$0.016 \pm 0.0106$
$\delta_S(1020)$	$-0.516 \pm 0.258$
$F_S(1024)$	$0.0553 \pm 0.0259$
$\delta_S(1024)$	$-0.452 \pm 0.203$
$F_S(1032)$	$0.168 \pm 0.0415$
$\delta_S(1032)$	$-0.653 \pm 0.199$
$\delta_0$	$0 \pm 0$
$C_{S-P}(990)$	$0.966 \pm 0$
$\bar{\omega}_{\omega}^{OS}$	$0.392 \pm 0$
$\delta_{P1}^{OS}$	$0 \pm 0$
$\delta_{\bar{\omega}}^{OS}$	$0 \pm 0$
$\bar{\omega}_{\omega}^{SS}$	$0.35 \pm 0$
$\delta_{P1}^{SS}$	$0 \pm 0$
$\delta_{\bar{\omega}}^{SS}$	$0 \pm 0$
$\omega_{P1}^{OS+SS}$	$1 \pm 0$
$\bar{\omega}_{\omega}^{OS+SS}$	$0 \pm 0$
$\delta_{P1}^{OS+SS}$	$0 \pm 0$
$\delta_{\bar{\omega}}^{OS+SS}$	$0 \pm 0$
$C_{S-P}(1008)$	$0.956 \pm 0$
$C_{S-P}(1016)$	$0.926 \pm 0$
$C_{S-P}(1020)$	$0.926 \pm 0$
$C_{S-P}(1024)$	$0.956 \pm 0$
$C_{S-P}(1032)$	$0.966 \pm 0$
$\tau_{\text{Offset}}$	$0 \pm -2$

Table 5: Some Caption

left=3cm,bottom=2cm

	$\Gamma$	$\Delta\Gamma$	$A_{\perp}^2$	$A_0^2$	$\delta_{\parallel}$	$\delta_{\perp}$	$F_S(990)$	$\delta_S(990)$	$\Delta m_s$	$\phi_s$	$\lambda$	$\omega_{P1}^{OS}$	$\omega_{P0}^{OS}$	$\delta_{P0}^{OS}$	$\sigma(\tau)_{\text{scale}}^{\text{resolution}}$	$\omega_{P1}^{SS}$	$\omega_{P0}^{SS}$	$\delta_{P0}^{SS}$	$\omega_{P0}^{OS+SS}$	$\delta_{P0}^{OS+SS}$	$F_S(1008)$	$\delta_S(1008)$
$\Gamma$	1.00	-0.39	0.37	-0.25	-0.12	-0.03	0.05	0.00	-0.01	0.07	0.09	0.00	0.03	-0.00	0.01	0.00	0.02	-0.00	-0.01	-0.00	0.07	-0.04
$\Delta\Gamma$	1.00	<b>-0.68</b>	<b>0.64</b>	<b>0.64</b>	0.04	0.03	-0.09	0.01	0.03	-0.06	0.01	0.00	0.00	0.00	-0.00	0.00	0.01	0.00	0.01	0.00	-0.02	-0.02
$A^2$		1.00	<b>-0.57</b>	<b>-0.31</b>	-0.11		0.04	0.02	-0.01	0.09	-0.06	-0.00	-0.00	-0.00	0.01	0.00	0.00	-0.00	-0.01	-0.00	-0.01	-0.01
$A_0^2$			1.00	-0.03	-0.01		-0.05	0.01	0.00	-0.06	0.07	0.00	0.02	-0.00	0.00	0.00	0.02	-0.00	-0.00	0.00	0.02	-0.04
$\delta_{\parallel}$			1.00	0.33			0.02	-0.11	0.01	-0.03	-0.02	-0.00	-0.05	0.00	-0.03	-0.01	-0.04	0.00	0.01	0.00	-0.03	0.01
$\delta_{\perp}$				1.00			0.05	-0.22	<b>0.58</b>	0.28	0.01	-0.00	-0.03	-0.00	-0.02	-0.01	-0.03	0.00	0.03	-0.00	0.05	-0.07
$F_S(990)$							1.00	-0.17	0.02	0.02	0.03	0.00	0.01	-0.00	-0.00	-0.00	0.01	-0.00	-0.02	0.00	0.01	-0.01
$\delta_S(990)$								1.00	-0.08	-0.03	-0.03	0.00	-0.02	0.00	-0.00	0.00	0.02	0.00	0.02	0.00	-0.01	0.02
$\Delta m_s$								1.00	0.21	-0.06	0.01	0.00	0.00	0.00	-0.01	-0.01	0.01	0.00	-0.00	-0.00	0.01	0.00
$\phi_s$									1.00	0.05	-0.01	0.03	-0.00	0.00	0.01	-0.00	-0.03	-0.00	-0.03	-0.00	-0.02	0.01
$\lambda$										1.00	0.01	0.13	-0.00	0.00	0.01	0.02	0.05	-0.00	-0.07	-0.00	0.13	-0.12
$\omega_{P1}^{OS}$											1.00	0.01	-0.00	0.00	0.00	0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00
$\omega_{P0}^{OS}$												1.00	0.01	-0.00	0.00	0.00	0.00	-0.00	-0.01	-0.00	0.01	-0.01
$\delta_{P0}^{OS}$													1.00	-0.00	0.02	-0.00	0.00	0.00	0.00	-0.00	0.01	-0.01
$\delta_{P0}^{\text{resolution}}$														1.00	-0.00	-0.00	0.00	0.00	0.00	-0.00	-0.00	0.00
$\sigma(\tau)_{\text{scale}}^{\text{resolution}}$															1.00	-0.00	-0.02	-0.00	-0.02	0.00	0.01	-0.00
$\omega_{P1}^{SS}$																1.00	-0.00	0.00	-0.00	-0.00	-0.01	0.01
$\omega_{P0}^{SS}$																	1.00	-0.00	-0.01	-0.00	0.07	-0.07
$\delta_{P0}^{SS}$																		1.00	0.00	0.00	-0.00	0.00
$\omega_{P0}^{OS+SS}$																			1.00	0.01	-0.03	0.04
$\omega_{P0}^{OS+SS}$																				1.00	-0.00	0.00
$\delta_{P0}^{OS+SS}$																					1.00	-0.62
$F_S(1008)$																					1.00	1.00
$\delta_S(1008)$																						
$F_S(1016)$																						
$\delta_S(1016)$																						
$F_S(1020)$																						
$\delta_S(1020)$																						
$F_S(1024)$																						
$\delta_S(1024)$																						
$F_S(1032)$																						
$\delta_S(1032)$																						

Table 6: Some Caption