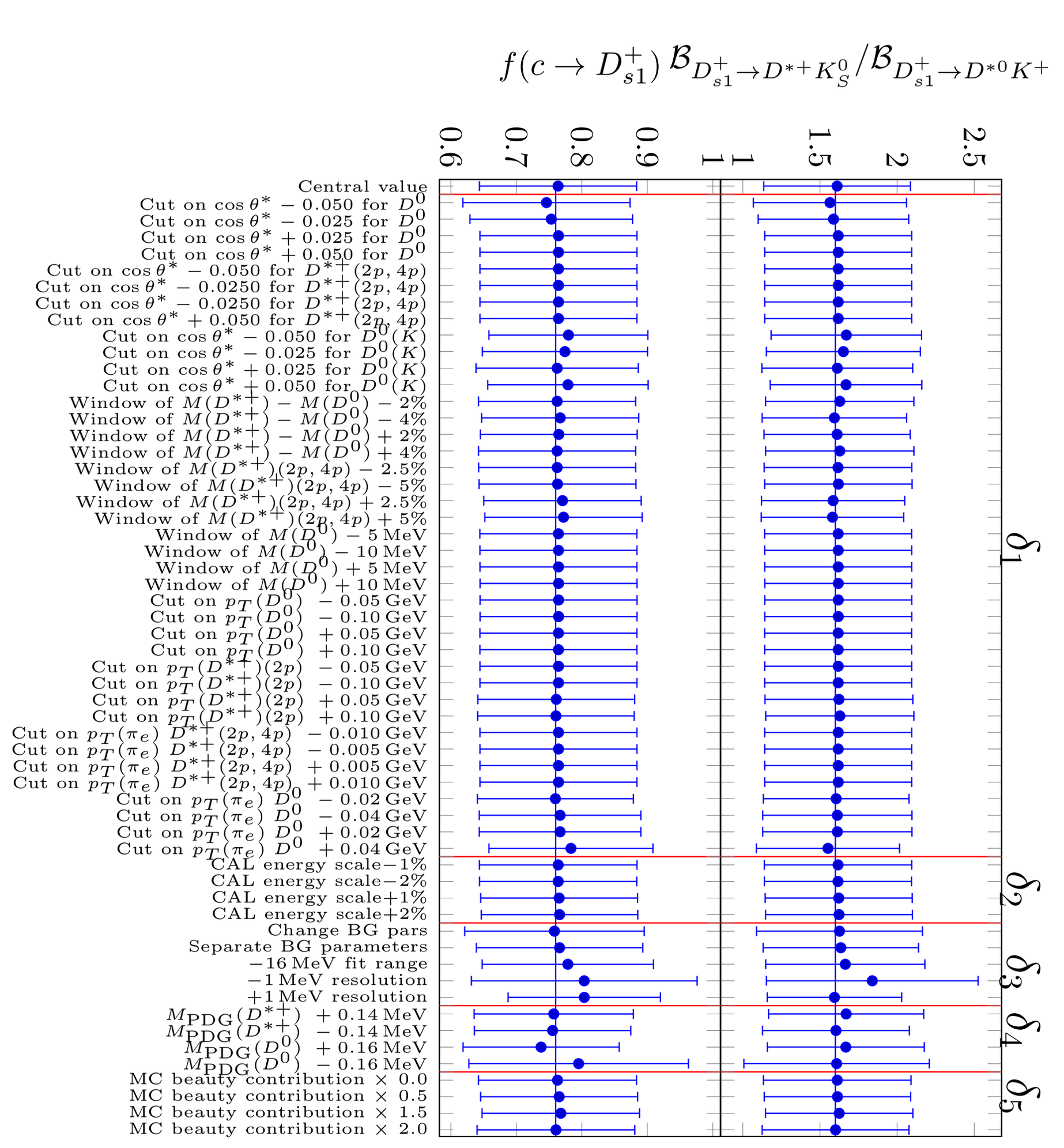
$f(c \to D_{s1}^+)\,\mathcal{B}_{D_{s1}^+ \to D^{*+}K_S^0}/\mathcal{B}_{D_{s1}^+ \to D^{*0}K^+}$
0.6
0.7
0.8
0.9
1
1.5
2
2.5
δ_1
δ_2
δ_3
δ_4
δ_5
Central value
Cut on $\cos\theta^*$ − 0.050 for D^0
Cut on $\cos\theta^*$ − 0.025 for D^0
Cut on $\cos\theta^*$ + 0.025 for D^0
Cut on $\cos\theta^*$ + 0.050 for D^0
Cut on $\cos\theta^*$ − 0.050 for $D^{*+}(2p, 4p)$
Cut on $\cos\theta^*$ − 0.0250 for $D^{*+}(2p, 4p)$
Cut on $\cos\theta^*$ − 0.0250 for $D^{*+}(2p, 4p)$
Cut on $\cos\theta^*$ + 0.050 for $D^{*+}(2p, 4p)$
Cut on $\cos\theta^*$ − 0.050 for $D^0(K)$
Cut on $\cos\theta^*$ − 0.025 for $D^0(K)$
Cut on $\cos\theta^*$ + 0.025 for $D^0(K)$
Cut on $\cos\theta^*$ + 0.050 for $D^0(K)$
Window of $M(D^{*+}) - M(D^0)$ − 2%
Window of $M(D^{*+}) - M(D^0)$ − 4%
Window of $M(D^{*+}) - M(D^0)$ + 2%
Window of $M(D^{*+}) - M(D^0)$ + 4%
Window of $M(D^{*+})(2p, 4p)$ − 2.5%
Window of $M(D^{*+})(2p, 4p)$ − 5%
Window of $M(D^{*+})(2p, 4p)$ + 2.5%
Window of $M(D^{*+})(2p, 4p)$ + 5%
Window of $M(D^0)$ − 5 MeV
Window of $M(D^0)$ − 10 MeV
Window of $M(D^0)$ + 5 MeV
Window of $M(D^0)$ + 10 MeV
Cut on $p_T(D^0)$ − 0.05 GeV
Cut on $p_T(D^0)$ − 0.10 GeV
Cut on $p_T(D^0)$ + 0.05 GeV
Cut on $p_T(D^0)$ + 0.10 GeV
Cut on $p_T(D^{*+})(2p)$ − 0.05 GeV
Cut on $p_T(D^{*+})(2p)$ − 0.10 GeV
Cut on $p_T(D^{*+})(2p)$ + 0.05 GeV
Cut on $p_T(D^{*+})(2p)$ + 0.10 GeV
Cut on $p_T(\pi_e)$ $D^{*+}(2p, 4p)$ − 0.010 GeV
Cut on $p_T(\pi_e)$ $D^{*+}(2p, 4p)$ − 0.005 GeV
Cut on $p_T(\pi_e)$ $D^{*+}(2p, 4p)$ + 0.005 GeV
Cut on $p_T(\pi_e)$ $D^{*+}(2p, 4p)$ + 0.010 GeV
Cut on $p_T(\pi_e)$ D^0 − 0.02 GeV
Cut on $p_T(\pi_e)$ D^0 − 0.04 GeV
Cut on $p_T(\pi_e)$ D^0 + 0.02 GeV
Cut on $p_T(\pi_e)$ D^0 + 0.04 GeV
CAL energy scale−1%
CAL energy scale−2%
CAL energy scale+1%
CAL energy scale+2%
Change BG pars
Separate BG parameters
−16 MeV fit range
−1 MeV resolution
+1 MeV resolution
$M_{\rm PDG}(D^{*+})$ + 0.14 MeV
$M_{\rm PDG}(D^{*+})$ − 0.14 MeV
$M_{\rm PDG}(D^0)$ + 0.16 MeV
$M_{\rm PDG}(D^0)$ − 0.16 MeV
MC beauty contribution × 0.0
MC beauty contribution × 0.5
MC beauty contribution × 1.5
MC beauty contribution × 2.0