$$Z_m(\mu = 2.000 \text{ GeV})$$
$$Z_m(am_q) = k_1 + k_2\, am_q \log(am_q) + k_3 (am_q)^2$$

C1

- fit p-value:0.84
- $am_q^*\,(M_{\eta_c}^* = 2.4 \text{ GeV})$
- $am_q^*\,(M_{\eta_c}^* = 2.6 \text{ GeV})$
- $am_q^*\,(M_{\eta_c}^* = \text{PDG})$
- simulated am_q

M1

- fit p-value:0.74
- $am_q^*\,(M_{\eta_c}^* = 2.4 \text{ GeV})$
- $am_q^*\,(M_{\eta_c}^* = 2.6 \text{ GeV})$
- $am_q^*\,(M_{\eta_c}^* = \text{PDG})$
- simulated am_q

F1S

- fit p-value:0.00
- $am_q^*\,(M_{\eta_c}^* = 2.4 \text{ GeV})$
- $am_q^*\,(M_{\eta_c}^* = 2.6 \text{ GeV})$
- $am_q^*\,(M_{\eta_c}^* = \text{PDG})$
- simulated am_q