$$R_2 = R_2^{phys} + \alpha\, a^2 + \beta \left(m_\pi^2 - m_\pi^{2,phys}\right) + \gamma \left(m_\pi^4 - m_\pi^{4,phys}\right), \mu = 2.0 \text{ GeV}$$

$\chi^2/\text{DOF}:4.384$

p-value:0.002

C0
C1
C2
F1M
M0
M1
M2
M3
phys

a^2 (GeV^{-2})

m_π^2 (GeV^2)