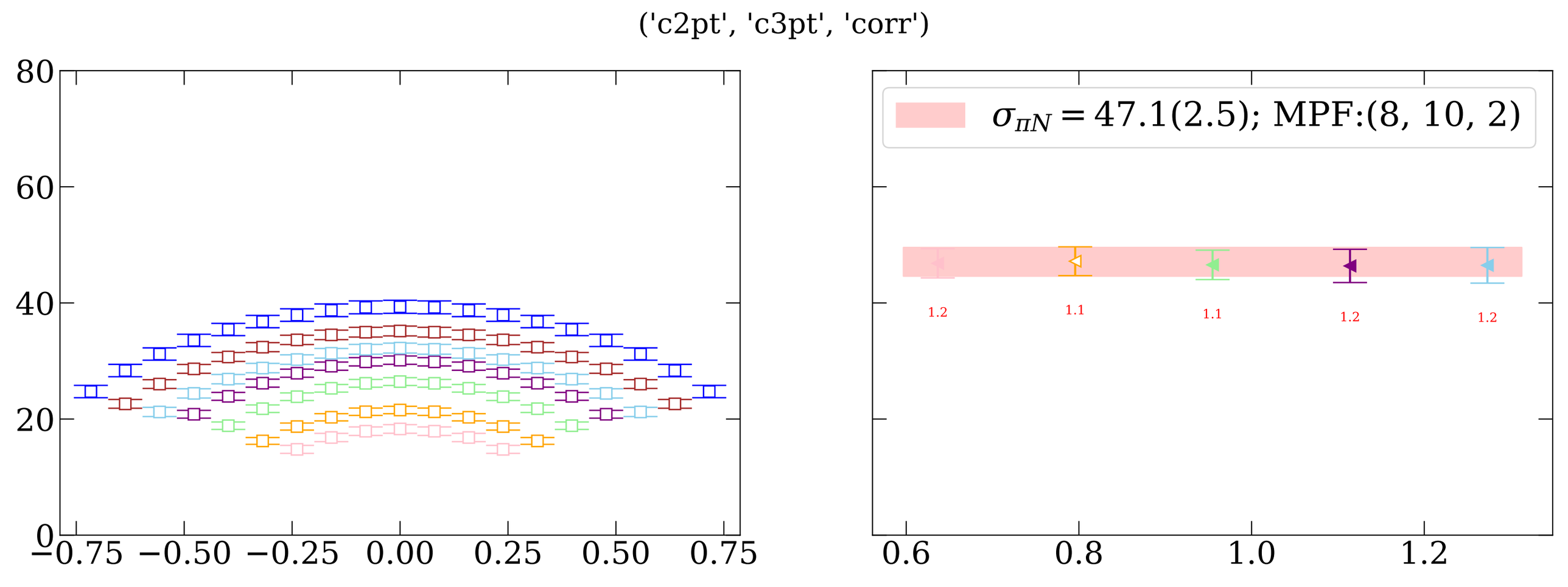
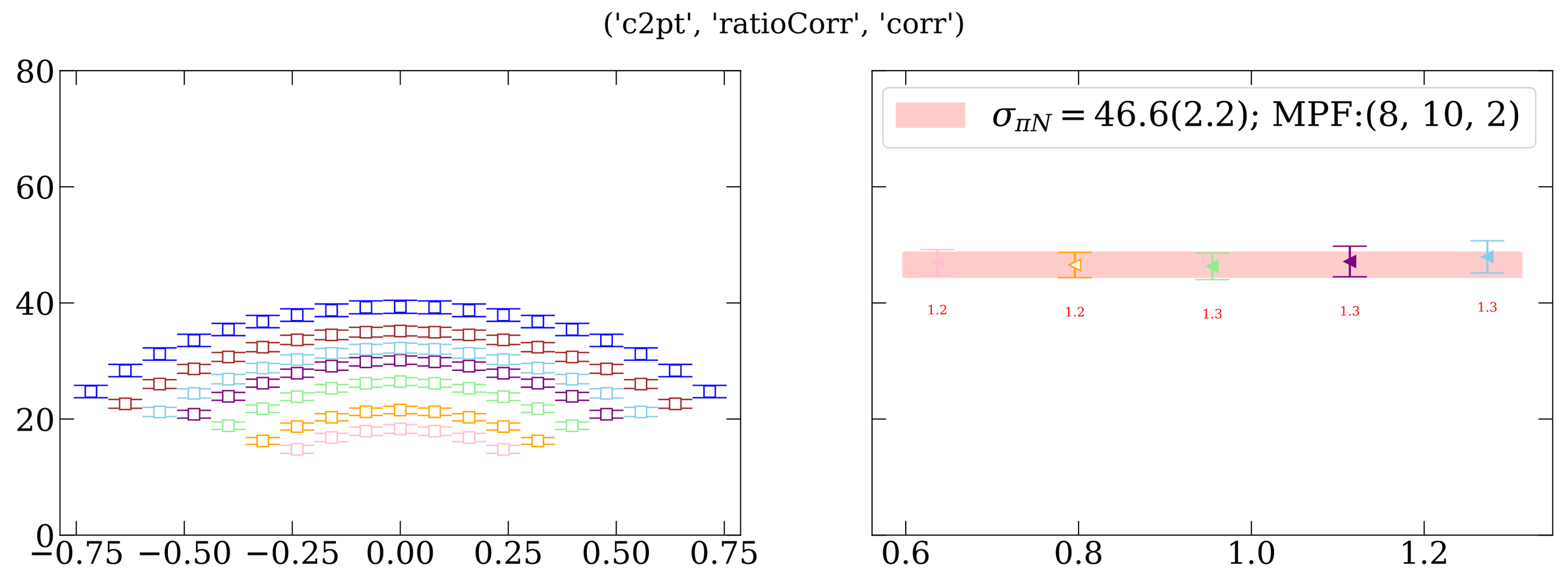
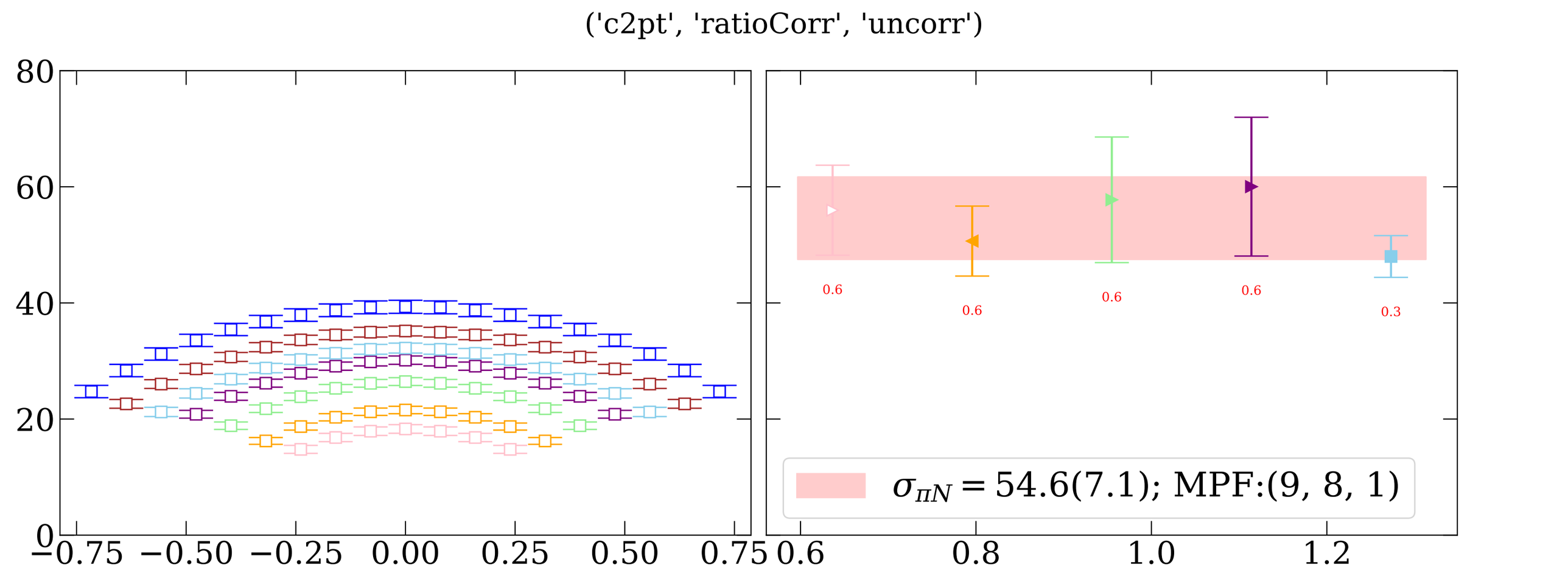
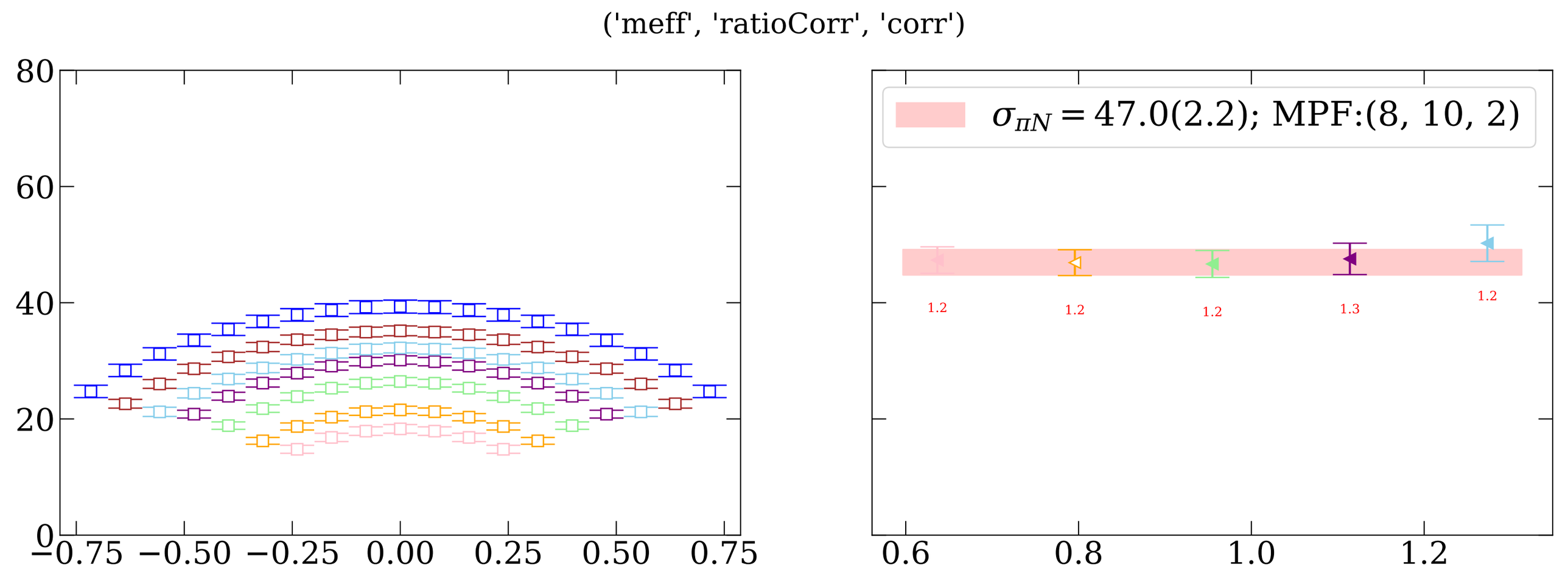
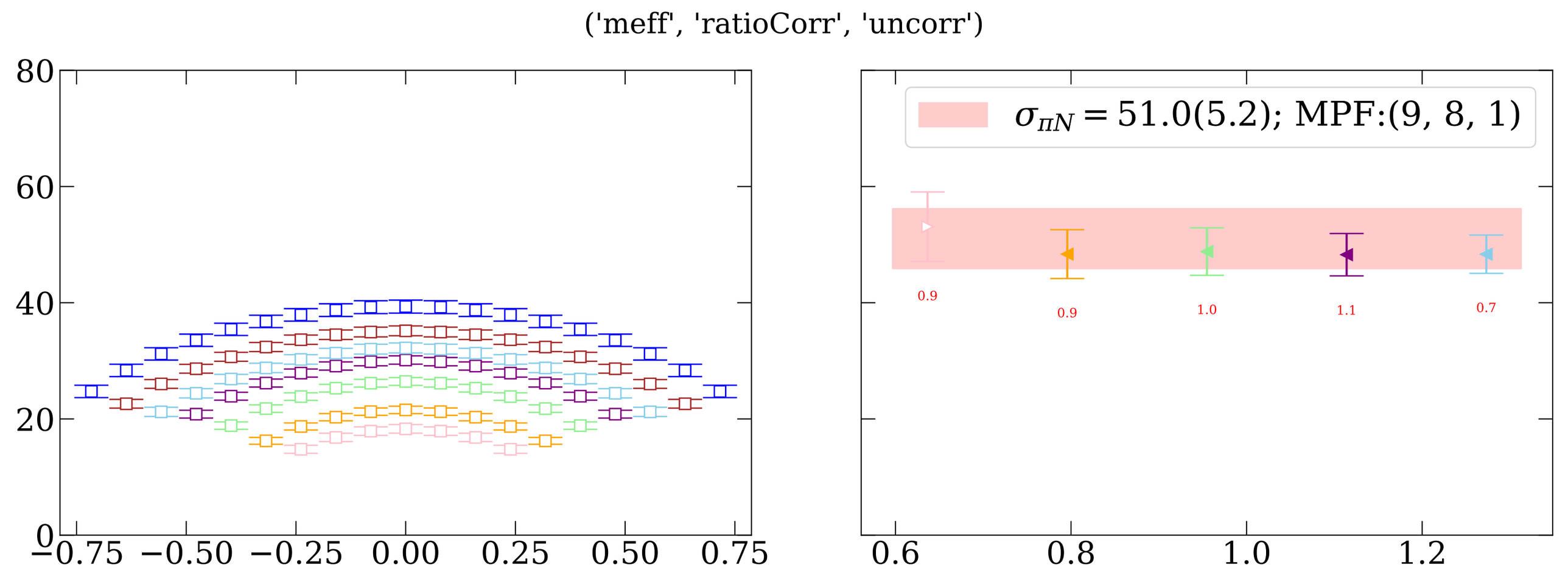
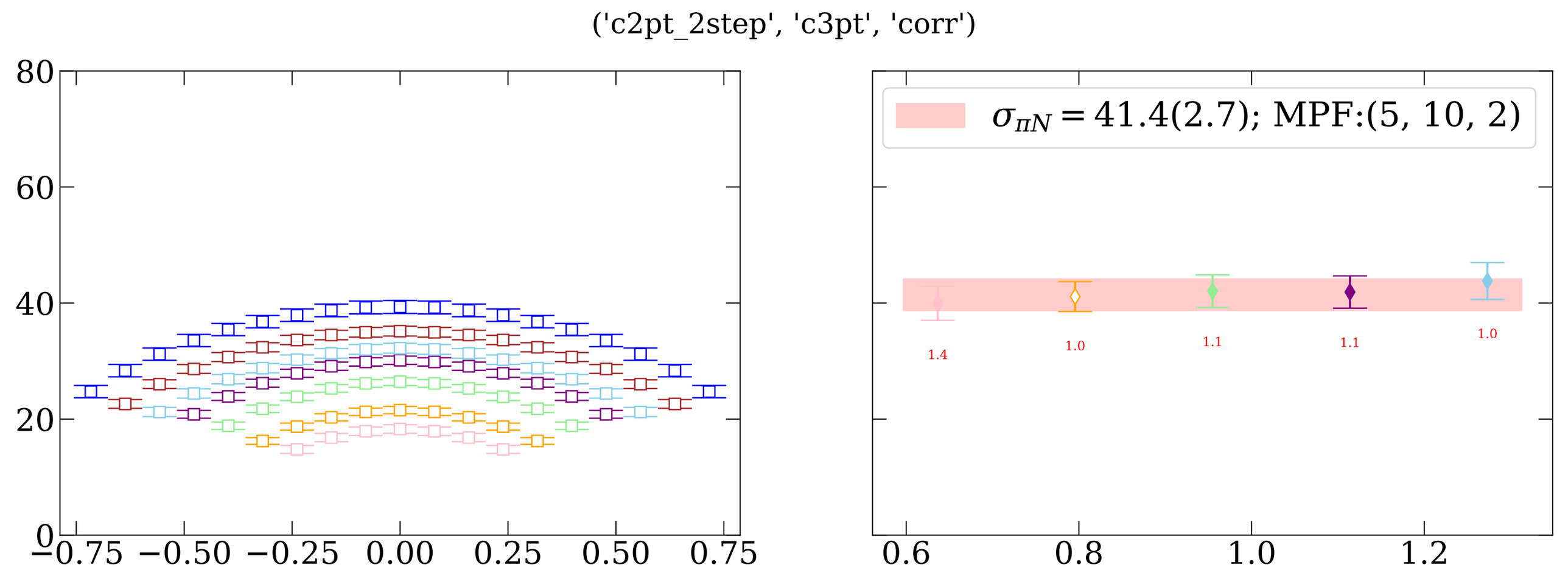

('c2pt', 'c3pt', 'corr')
80
60
40
20
0
−0.75
−0.50
−0.25
0.00
0.25
0.50
0.75
$\sigma_{\pi N} = 47.1(2.5)$; MPF:(8, 10, 2)
1.2
1.1
1.1
1.2
1.2
0.6
0.8
1.0
1.2

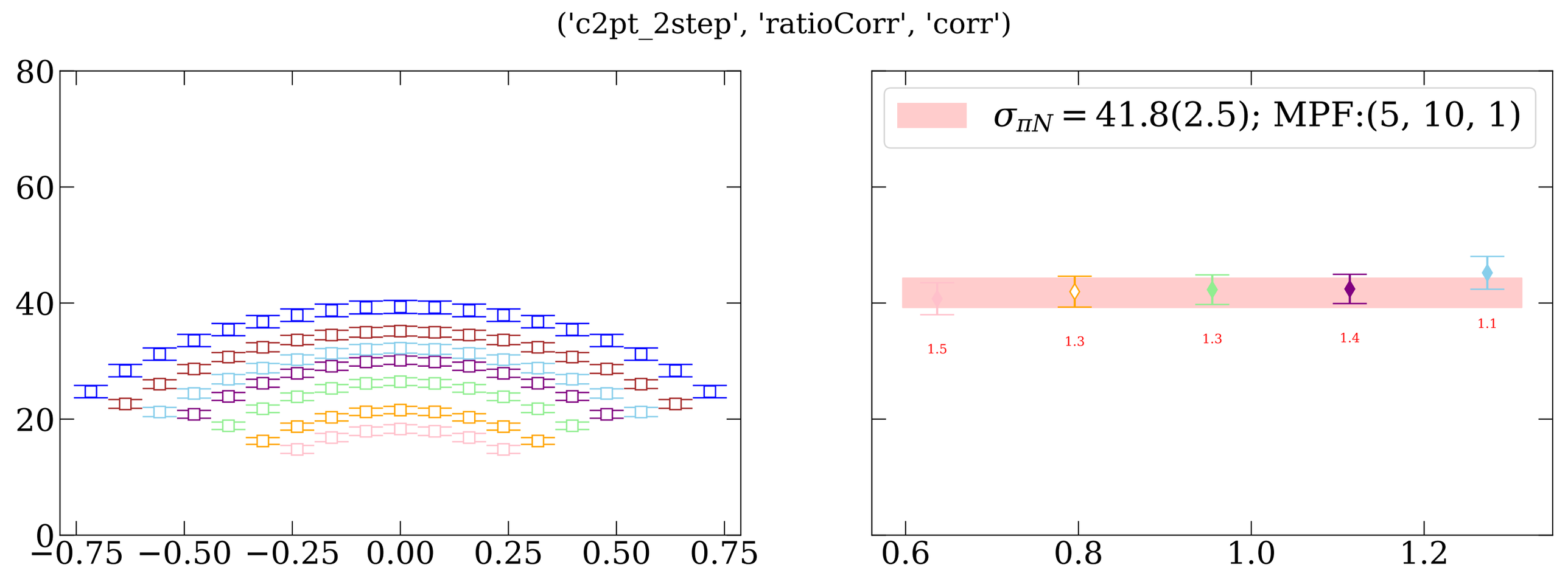

('c2pt', 'ratioCorr', 'corr')
80
60
40
20
0
−0.75
−0.50
−0.25
0.00
0.25
0.50
0.75
$\sigma_{\pi N} = 46.6(2.2)$; MPF:(8, 10, 2)
1.2
1.2
1.3
1.3
1.3
0.6
0.8
1.0
1.2

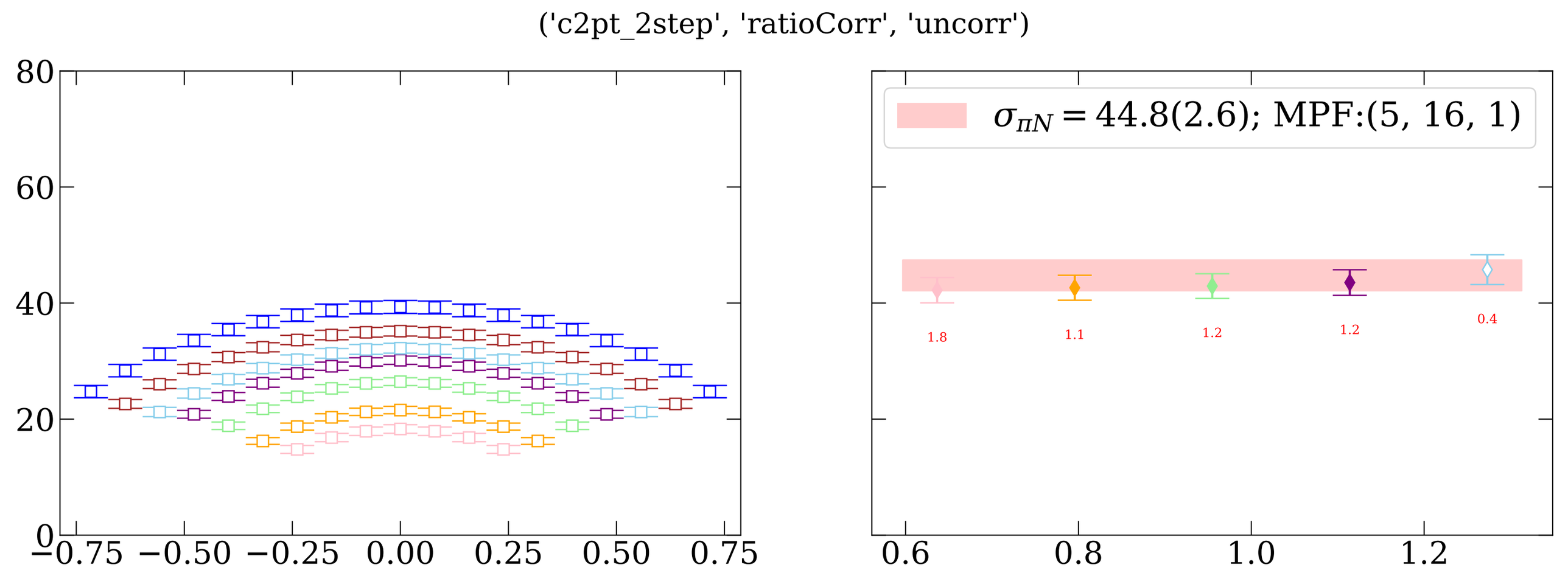

('c2pt', 'ratioCorr', 'uncorr')
80
60
40
20
0
−0.75
−0.50
−0.25
0.00
0.25
0.50
0.75
0.6
0.8
1.0
1.2
0.6
0.6
0.6
0.6
0.3
$\sigma_{\pi N} = 54.6(7.1)$; MPF:(9, 8, 1)

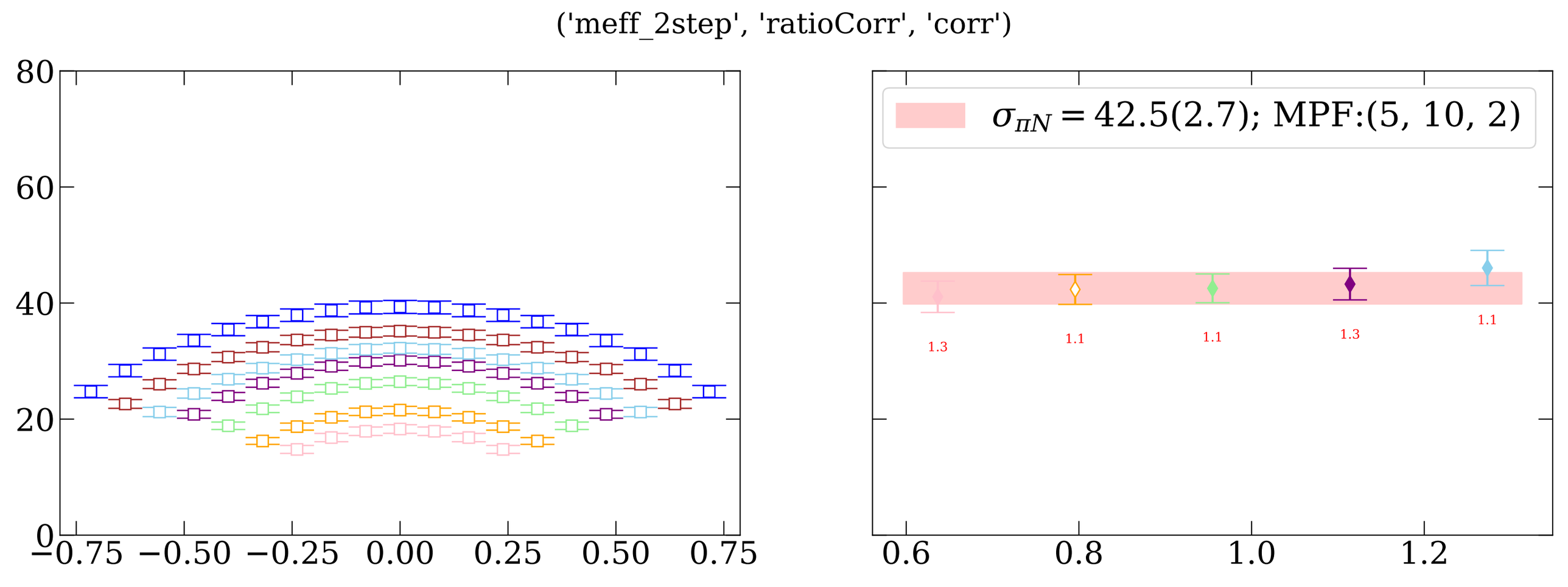

('meff', 'ratioCorr', 'corr')
80
60
40
20
0
−0.75
−0.50
−0.25
0.00
0.25
0.50
0.75
$\sigma_{\pi N} = 47.0(2.2)$; MPF:(8, 10, 2)
1.2
1.2
1.2
1.3
1.2
0.6
0.8
1.0
1.2

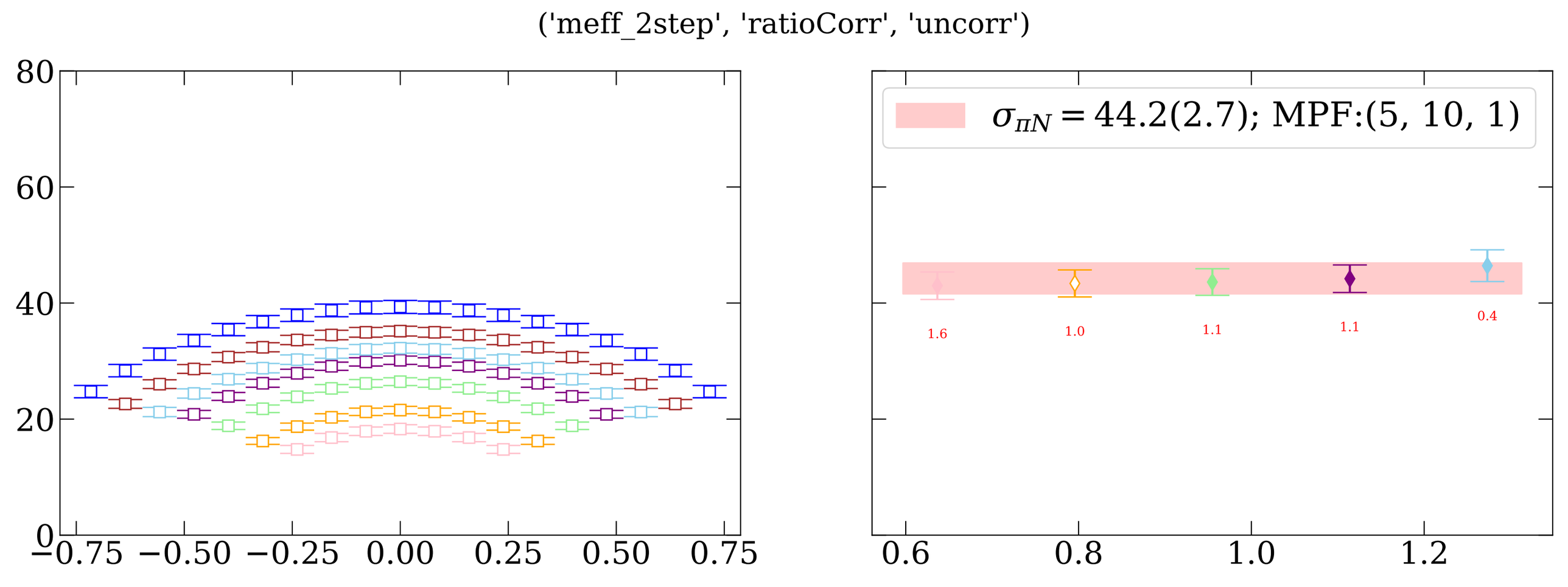

('meff', 'ratioCorr', 'uncorr')
80
60
40
20
0
−0.75
−0.50
−0.25
0.00
0.25
0.50
0.75
$\sigma_{\pi N} = 51.0(5.2)$; MPF:(9, 8, 1)
0.9
0.9
1.0
1.1
0.7
0.6
0.8
1.0
1.2

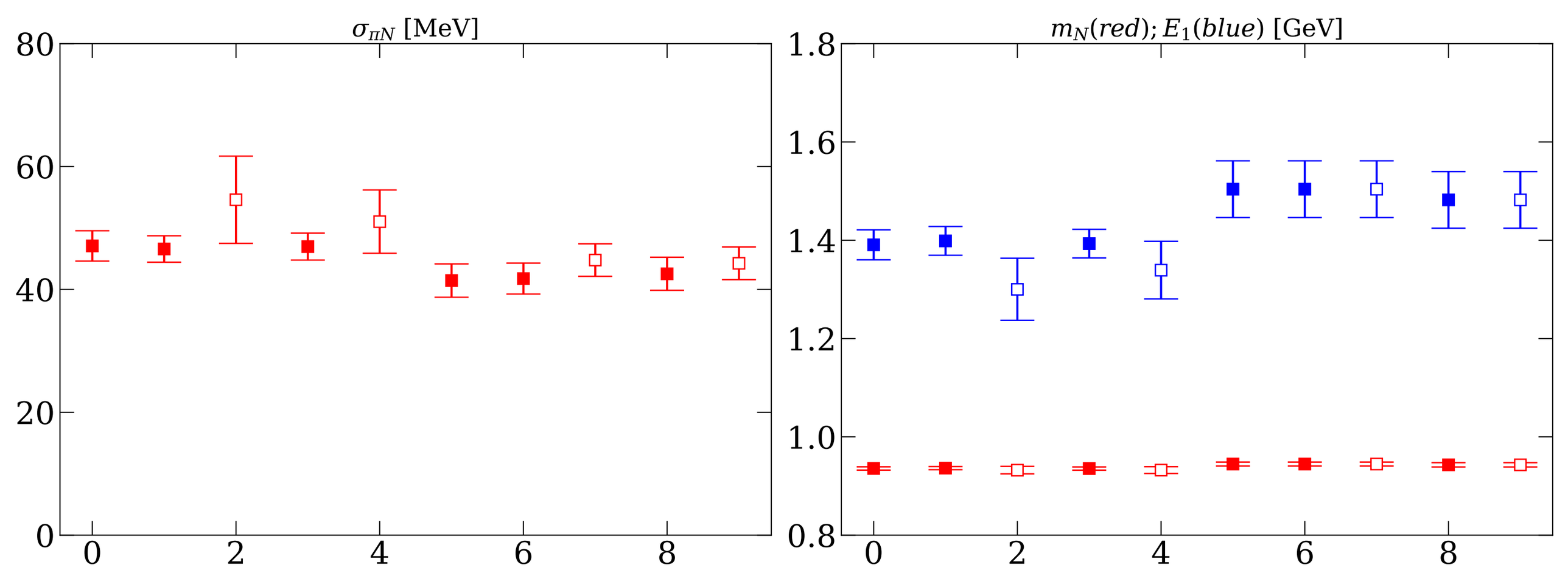

('c2pt_2step', 'c3pt', 'corr')
80
60
40
20
0
−0.75
−0.50
−0.25
0.00
0.25
0.50
0.75
$\sigma_{\pi N} = 41.4(2.7)$; MPF:(5, 10, 2)
1.4
1.0
1.1
1.1
1.0
0.6
0.8
1.0
1.2


('c2pt_2step', 'ratioCorr', 'corr')
80
60
40
20
0
−0.75
−0.50
−0.25
0.00
0.25
0.50
0.75
$\sigma_{\pi N} = 41.8(2.5)$; MPF:(5, 10, 1)
1.5
1.3
1.3
1.4
1.1
0.6
0.8
1.0
1.2


('c2pt_2step', 'ratioCorr', 'uncorr')
80
60
40
20
0
−0.75
−0.50
−0.25
0.00
0.25
0.50
0.75
$\sigma_{\pi N} = 44.8(2.6)$; MPF:(5, 16, 1)
1.8
1.1
1.2
1.2
0.4
0.6
0.8
1.0
1.2


('meff_2step', 'ratioCorr', 'corr')
80
60
40
20
0
−0.75
−0.50
−0.25
0.00
0.25
0.50
0.75
$\sigma_{\pi N} = 42.5(2.7)$; MPF:(5, 10, 2)
1.3
1.1
1.1
1.3
1.1
0.6
0.8
1.0
1.2


('meff_2step', 'ratioCorr', 'uncorr')
80
60
40
20
0
−0.75
−0.50
−0.25
0.00
0.25
0.50
0.75
$\sigma_{\pi N} = 44.2(2.7)$; MPF:(5, 10, 1)
1.6
1.0
1.1
1.1
0.4
0.6
0.8
1.0
1.2


$\sigma_{\pi N}$ [MeV]
80
60
40
20
0
0
2
4
6
8
$m_N(red); E_1(blue)$ [GeV]
1.8
1.6
1.4
1.2
1.0
0.8
0
2
4
6
8