

Model Type:simult\_baryons

N\_corr = 2

t\_corr = [5, 13]

Fit results:

GMO rln = 0.00103(86)

M\_4 posterior = -0.0568(20)

Centroid posterior = 0.37763(31)

lam\_E0= 0.36696(60)

1st e.s: 0.7276(37)

proton\_E0= 0.33080(73)

1st e.s: 0.5188(30)

xi\_E0= 0.41262(48)

1st e.s: 0.4926(17)

sigma\_E0= 0.38907(55)

1st e.s: 0.5087(18)

Least Square Fit:

chi2/dof [dof] = 55 [72] Q = 0 logGBF = -159.65

Parameters:

sigma\_z\_PS 0 1.1061(76)e-07 [ 0.0(3.3)e-07 ]

1 1.532(11)e-06 [ 0.0(3.3)e-07 ] \*\*\*\*

sigma\_z\_SS 0 4.659(31)e-08 [ 4.4(4.4)e-07 ]

1 3.712(25)e-07 [ 4.4(4.4)e-07 ]

lam\_z\_PS 0 5.202(41)e-08 [ 0.0(3.3)e-06 ]

1 6.999(74)e-07 [ 0.0(3.3)e-06 ]

lam\_z\_SS 0 2.194(17)e-08 [ 4.4(4.4)e-06 ]

1 1.735(17)e-07 [ 4.4(4.4)e-06 ]

proton\_z\_PS 0 6.186(58)e-08 [ 0.0(3.3)e-07 ]

1 9.12(12)e-07 [ 0.0(3.3)e-07 ] \*\*

proton\_z\_SS 0 2.633(24)e-08 [ 4.4(4.4)e-07 ]

1 2.302(27)e-07 [ 4.4(4.4)e-07 ]

xi\_z\_PS 0 1.3551(84)e-07 [ 0.0(3.3)e-06 ]

1 1.683(12)e-06 [ 0.0(3.3)e-06 ]

xi\_z\_SS 0 5.656(33)e-08 [ 4.4(4.4)e-06 ]

1 4.051(26)e-07 [ 4.4(4.4)e-06 ]

sigma\_E0 0.38907 (55) [ 0.33 (12) ]

sigma\_log(dE) 0 -0.6759 (36) [ -3 (17) ]

lam\_E0 0.36696 (60) [ 0.4 (1.2) ]

lam\_log(dE) 0 -0.6850 (50) [ -2 (16) ]

proton\_E0 0.33080 (73) [ 0.3 (1.2) ]

proton\_log(dE) 0 -0.6562 (57) [ -2 (12) ]

xi\_E0 0.41262 (48) [ 0.4 (1.2) ]

xi\_log(dE) 0 -0.7081 (35) [ -1.6 (6.0) ]

Settings:

svdcut/n = 1e-12/0 tol = (1e-08\*,1e-10,1e-10) (itns/time = 24/0.0)

Simultaneous fit to 4 baryons for  $N_{states}=2$

