

Model Type:simult\_baryons  
N\_corr = 2  
t\_corr = [6, 15]  
Fit results:  
GMO rln = 0.0030(35)  
M\_4 posterior = -0.0937(90)  
Centroid posterior = 0.7416(14)  
lam\_E0= 0.7249(21)  
1st e.s: 0.869(74)  
proton\_E0= 0.6569(38)  
1st e.s: 0.396(48)  
xi\_E0= 0.8063(14)  
1st e.s: 0.430(25)  
sigma\_E0= 0.7606(26)  
1st e.s: 0.421(32)  
Least Square Fit:  
chi2/dof [dof] = 1.2 [72] Q = 0.16 logGBF = 1781.6

Parameters:  
sigma\_z\_PS 0 3.290(96)e-06 [ 0.0(3.3)e-06 ]  
1 4.85(49)e-06 [ 0.0(3.3)e-06 ] \*  
sigma\_z\_SS 0 8.59(23)e-07 [ 4.4(4.4)e-07 ]  
1 7.33(62)e-07 [ 4.4(4.4)e-07 ]  
lam\_z\_PS 0 1.666(41)e-06 [ 0.0(1.5)e-06 ] \*  
1 2.28(29)e-06 [ 0.0(1.5)e-06 ] \*  
lam\_z\_SS 0 4.328(97)e-07 [ 2.0(2.0)e-06 ]  
1 3.36(37)e-07 [ 2.0(2.0)e-06 ]  
proton\_z\_PS 0 2.058(93)e-06 [ 0.0(3.3)e-06 ]  
1 2.86(44)e-06 [ 0.0(3.3)e-06 ]  
proton\_z\_SS 0 5.46(23)e-07 [ 9.4(9.4)e-07 ]  
1 4.70(62)e-07 [ 9.4(9.4)e-07 ]  
xi\_z\_PS 0 3.900(65)e-06 [ 0.0(3.3)e-06 ] \*  
1 5.54(50)e-06 [ 0.0(3.3)e-06 ] \*  
xi\_z\_SS 0 9.95(15)e-07 [ 4.4(4.4)e-06 ]  
1 7.71(58)e-07 [ 4.4(4.4)e-06 ]  
sigma\_E0 0.7606 (26) [ 0.73 (22) ]  
sigma\_log(dE) 0 -0.866 (77) [ -2 (19) ]  
lam\_E0 0.7249 (21) [ 0.68 (22) ]  
lam\_log(dE) 0 -0.865 (84) [ -0.78 (48) ]  
proton\_E0 0.6569 (38) [ 0.63 (22) ]  
proton\_log(dE) 0 -0.93 (12) [ -2 (13) ]  
xi\_E0 0.8063 (14) [ 0.80 (22) ]  
xi\_log(dE) 0 -0.844 (59) [ -0.73 (67) ]

Settings:  
svdcut/n = 1e-12/0 tol = (1e-08\*,1e-10,1e-10) (itns/time = 18/0.0)

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

