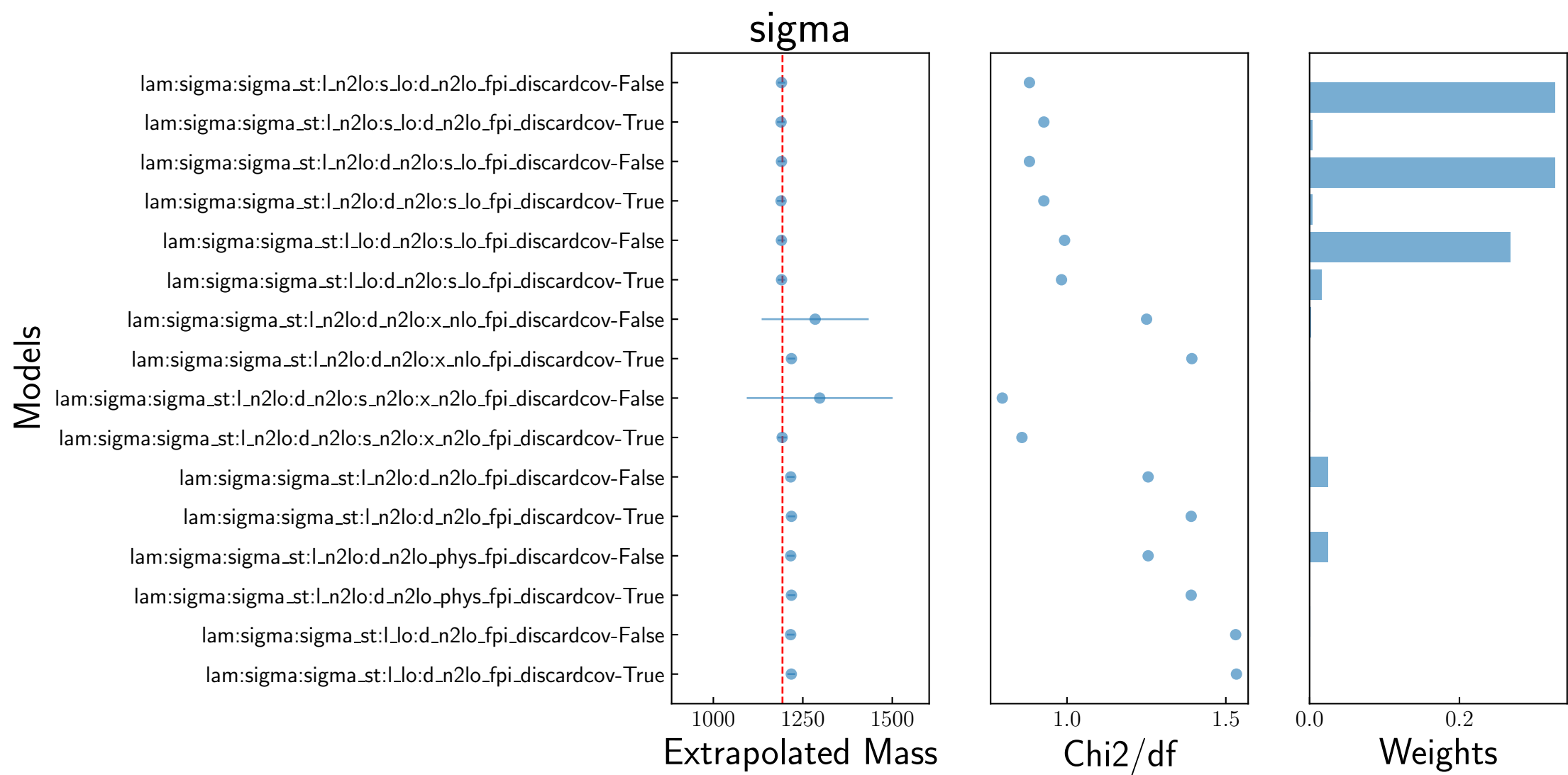
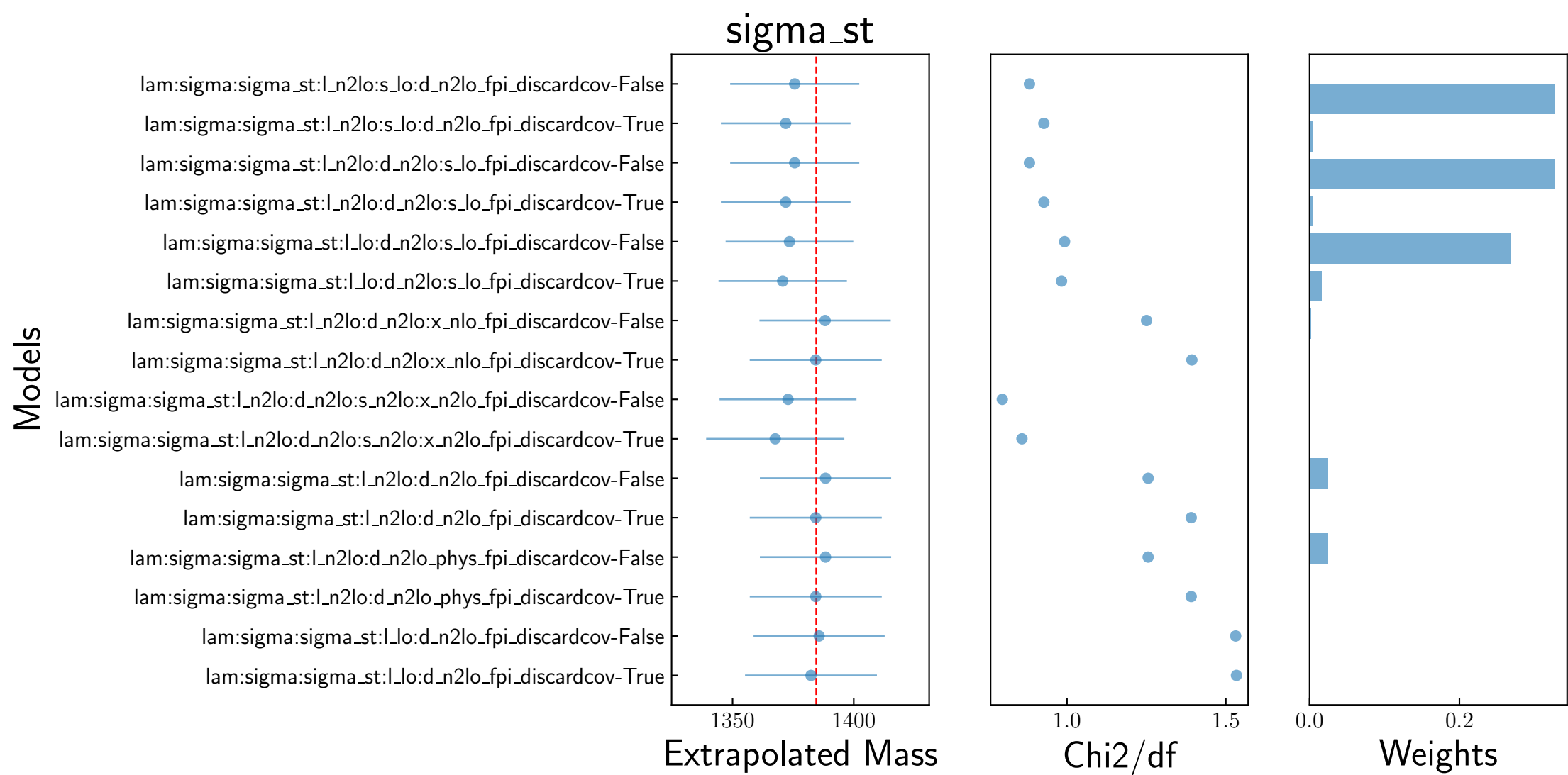
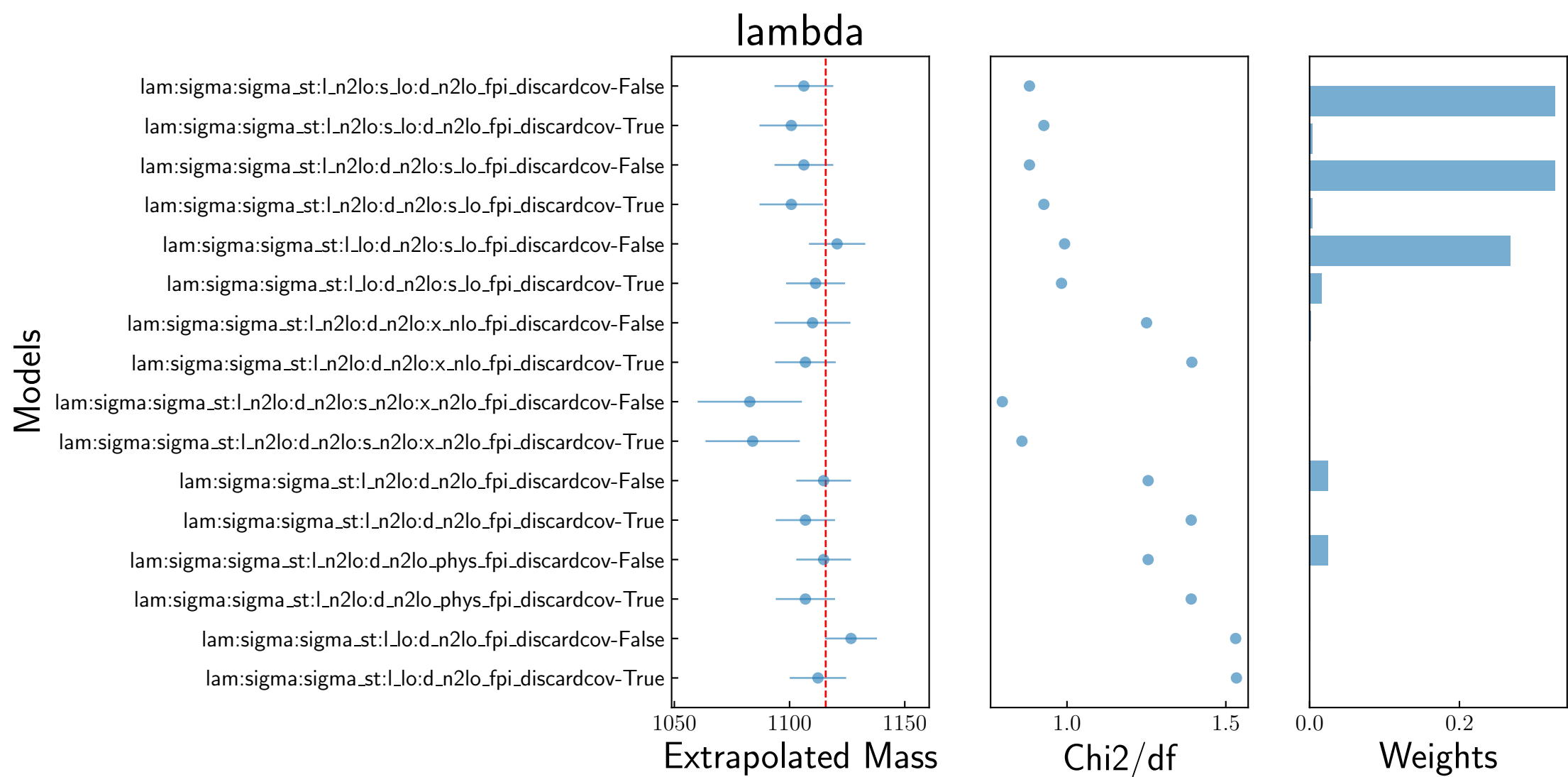


Model averages:  
lambda: 1095(19)  
sigma\_st: 1379(33)  
sigma: 1177(18)

Weights:

lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:s\_lo\_fpi\_discardcov-False: 0.32736819588036853  
lam:sigma:sigma\_st:l\_n2lo:s\_lo:d\_n2lo\_fpi\_discardcov-False: 0.32736819588036853  
lam:sigma:sigma\_st:l\_lo:d\_n2lo:s\_lo\_fpi\_discardcov-False: 0.26836331812059255  
lam:sigma:sigma\_st:l\_n2lo:d\_n2lo\_phys\_fpi\_discardcov-False: 0.024316564287712318  
lam:sigma:sigma\_st:l\_n2lo:d\_n2lo\_fpi\_discardcov-False: 0.024316564287712318  
lam:sigma:sigma\_st:l\_lo:d\_n2lo:s\_lo\_fpi\_discardcov-True: 0.016239199949319518  
lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:s\_lo\_fpi\_discardcov-True: 0.004170773518763274  
lam:sigma:sigma\_st:l\_n2lo:s\_lo:d\_n2lo\_fpi\_discardcov-True: 0.004170773518763274  
lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:x\_nlo\_fpi\_discardcov-False: 0.0017702539538259775  
lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:s\_n2lo:x\_n2lo\_fpi\_discardcov-False: 0.0009317891307513909  
lam:sigma:sigma\_st:l\_lo:d\_n2lo\_fpi\_discardcov-False: 0.0006821584304967062  
lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:s\_n2lo:x\_n2lo\_fpi\_discardcov-True: 0.00021779239838231254  
lam:sigma:sigma\_st:l\_n2lo:d\_n2lo\_phys\_fpi\_discardcov-True: 2.407415133921891e-05  
lam:sigma:sigma\_st:l\_n2lo:d\_n2lo\_fpi\_discardcov-True: 2.407415133921891e-05  
lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:x\_nlo\_fpi\_discardcov-True: 2.258050847419319e-05  
lam:sigma:sigma\_st:l\_lo:d\_n2lo\_fpi\_discardcov-True: 1.3691831790704406e-05

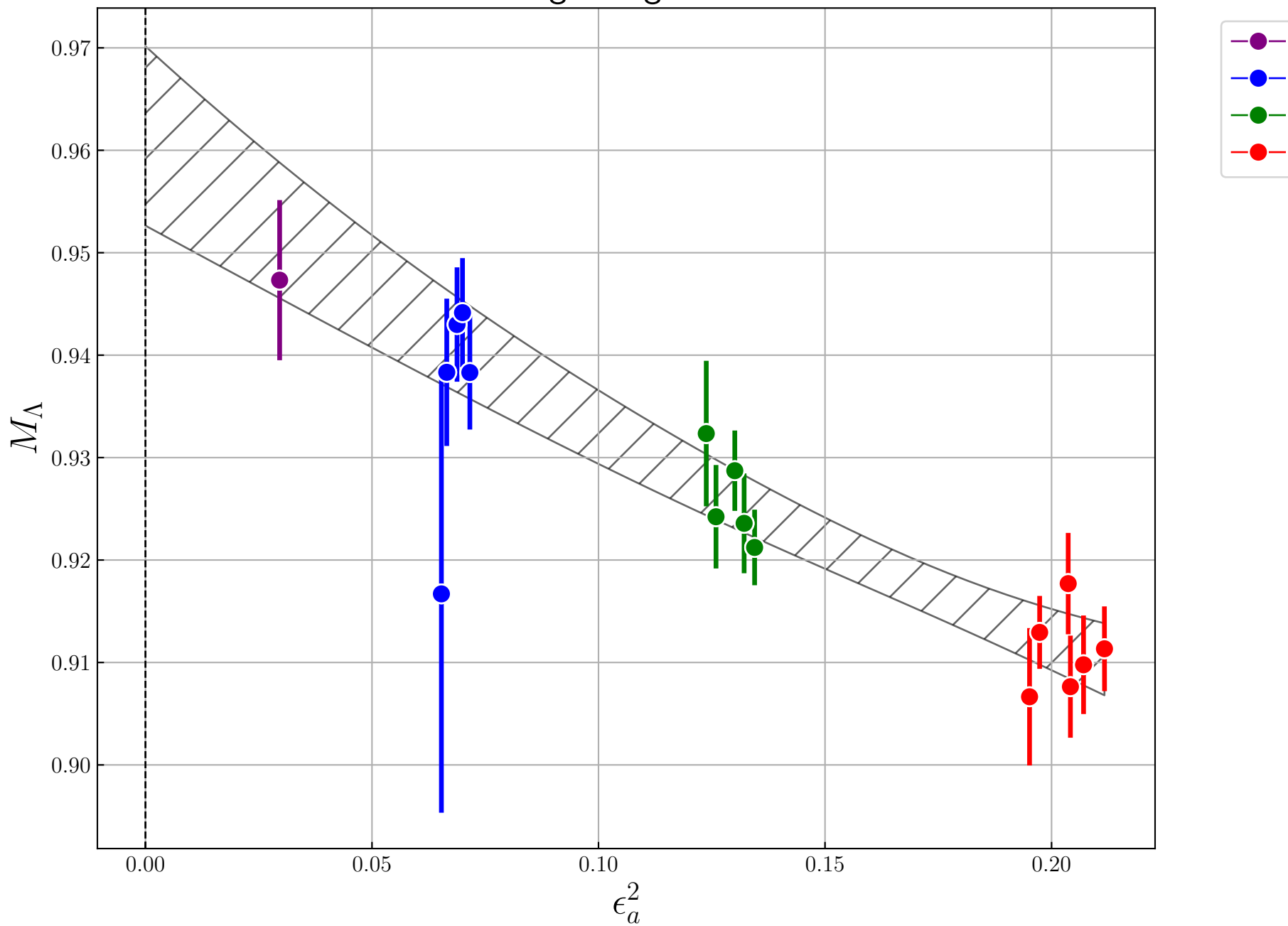


pp 0.0  
chiral 0.0  
sigma  
stat 100.0  
disc 1.1  
pp 0.0  
chiral 0.0  
sigma\_st  
stat 100.0  
disc 9.1  
pp 0.0  
chiral 0.0  
Least Square Fit:  
chi2/dof [dof] = 1.5 [51] Q = 0.0085 logGBF = 124.93

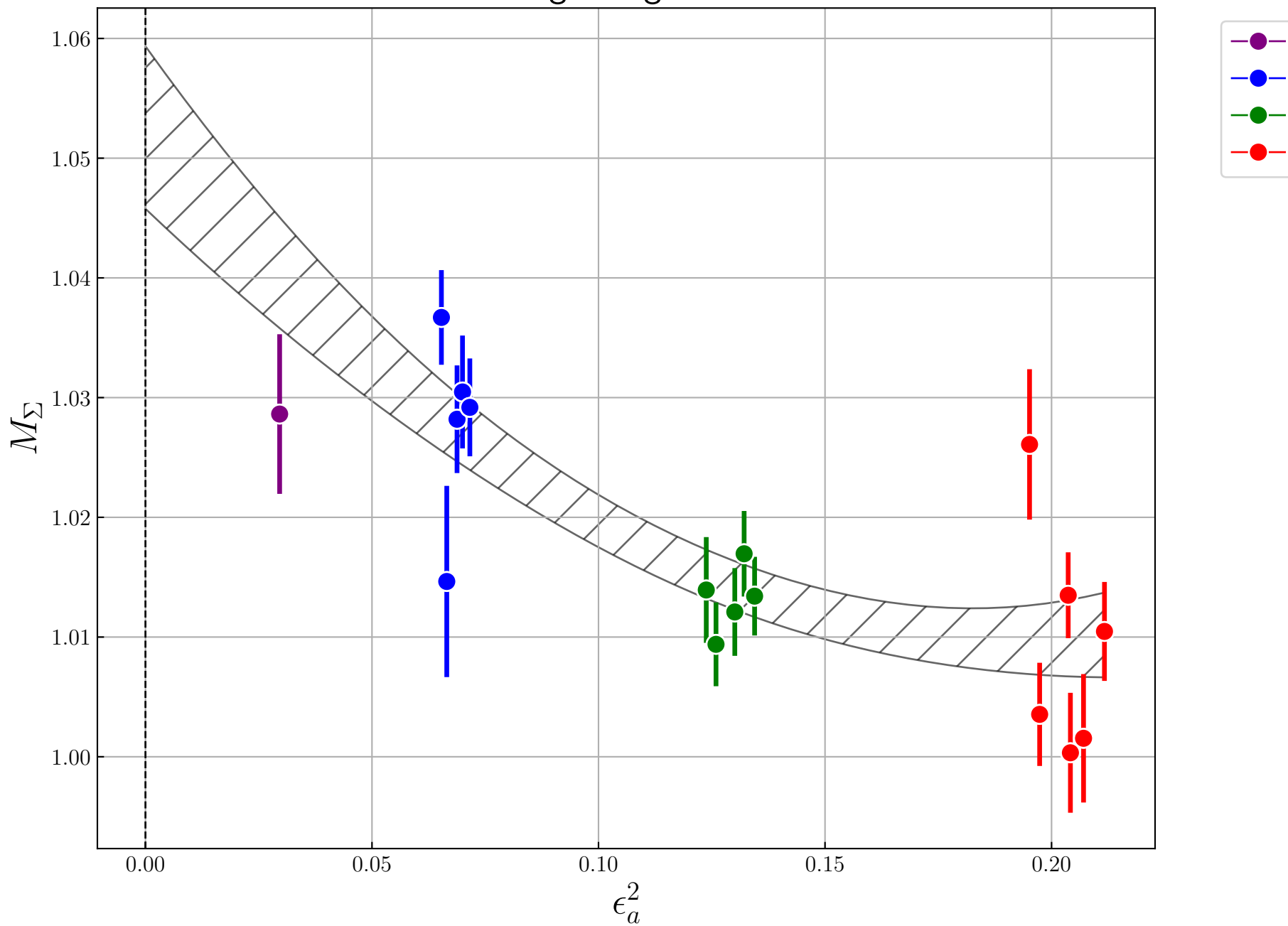
Parameters:  
m\_lambda,0 0.961 (10) [ 1.3 (1.0) ]  
S\_lambda 0.02 (13) [ 3.0 (2.0) ] \*  
d\_lambda,a -0.34 (10) [ 0.0 (2.0) ]  
d\_lambda,aa 0.38 (35) [ 0.0 (4.0) ]  
d\_lambda,al 1.63 (81) [ 0.0 (4.0) ]  
m\_sigma,0 1.0633 (75) [ 1.4 (1.0) ]  
s\_sigma 3e-16 +- 2 [ 0.0 (2.0) ]  
S\_sigma -0.792 (93) [ 0.0 (2.0) ]  
d\_sigma,a -0.470 (96) [ 0.0 (2.0) ]  
d\_sigma,aa 1.15 (34) [ 0.0 (4.0) ]  
d\_sigma,al 1.95 (65) [ 0.0 (4.0) ]  
m\_sigma\_st,0 1.205 (24) [ 1.5 (1.0) ]  
s\_sigma\_bar 7e-16 +- 2 [ 0.0 (2.0) ]  
S\_sigma\_bar -0.77 (23) [ 0.0 (2.0) ]  
d\_sigma\_st,a 0.55 (29) [ 0.0 (2.0) ]  
d\_sigma\_st,aa -1.15 (91) [ 0.0 (4.0) ]  
d\_sigma\_st,al -1.5 (1.5) [ 0.0 (4.0) ]  
eps2\_a 1 0.065324 (70) [ 0.065325 (70) ]  
13 0.20369 (32) [ 0.20368 (32) ]  
15 0.20705 (48) [ 0.20706 (48) ]  
m\_pi 0 0.094490 (58) [ 0.094488 (58) ]  
1 0.059494 (63) [ 0.059495 (63) ]  
4 0.15797 (20) [ 0.15798 (20) ]  
8 0.18843 (17) [ 0.18842 (17) ]  
9 0.21368 (20) [ 0.21369 (20) ]  
12 0.16527 (19) [ 0.16526 (19) ]  
13 0.23632 (29) [ 0.23634 (29) ]  
14 0.23399 (21) [ 0.23398 (21) ]  
15 0.26525 (30) [ 0.26524 (30) ]  
lam\_chi 0 0.3806 (10) [ 0.3807 (10) ]  
1 0.5127 (13) [ 0.5126 (13) ]  
2 0.53677 (99) [ 0.53679 (99) ]  
5 0.60783 (94) [ 0.60777 (95) ]  
7 0.7399 (16) [ 0.7400 (16) ]  
8 0.7728 (14) [ 0.7729 (14) ]  
9 0.7915 (18) [ 0.7914 (18) ]  
10 0.8153 (14) [ 0.8152 (14) ]  
14 0.9543 (17) [ 0.9545 (17) ]  
15 0.9655 (14) [ 0.9656 (14) ]  
eps\_pi 0 0.24828 (71) [ 0.24820 (71) ]  
1 0.11603 (33) [ 0.11604 (33) ]  
4 0.26982 (58) [ 0.26984 (58) ]  
5 0.29794 (54) [ 0.29798 (54) ]  
7 0.18127 (42) [ 0.18125 (42) ]  
8 0.24384 (51) [ 0.24380 (51) ]  
9 0.26997 (69) [ 0.27002 (69) ]  
10 0.29844 (52) [ 0.29845 (52) ]  
12 0.18063 (31) [ 0.18062 (31) ]  
13 0.24911 (36) [ 0.24916 (36) ]  
14 0.24519 (47) [ 0.24511 (47) ]  
15 0.27472 (52) [ 0.27469 (52) ]  
16 0.30426 (54) [ 0.30429 (54) ]

Settings:  
svdcut/n = 1e-12/0 tol = (1e-08\*,1e-10,1e-10) (itns/time = 13/0.2)

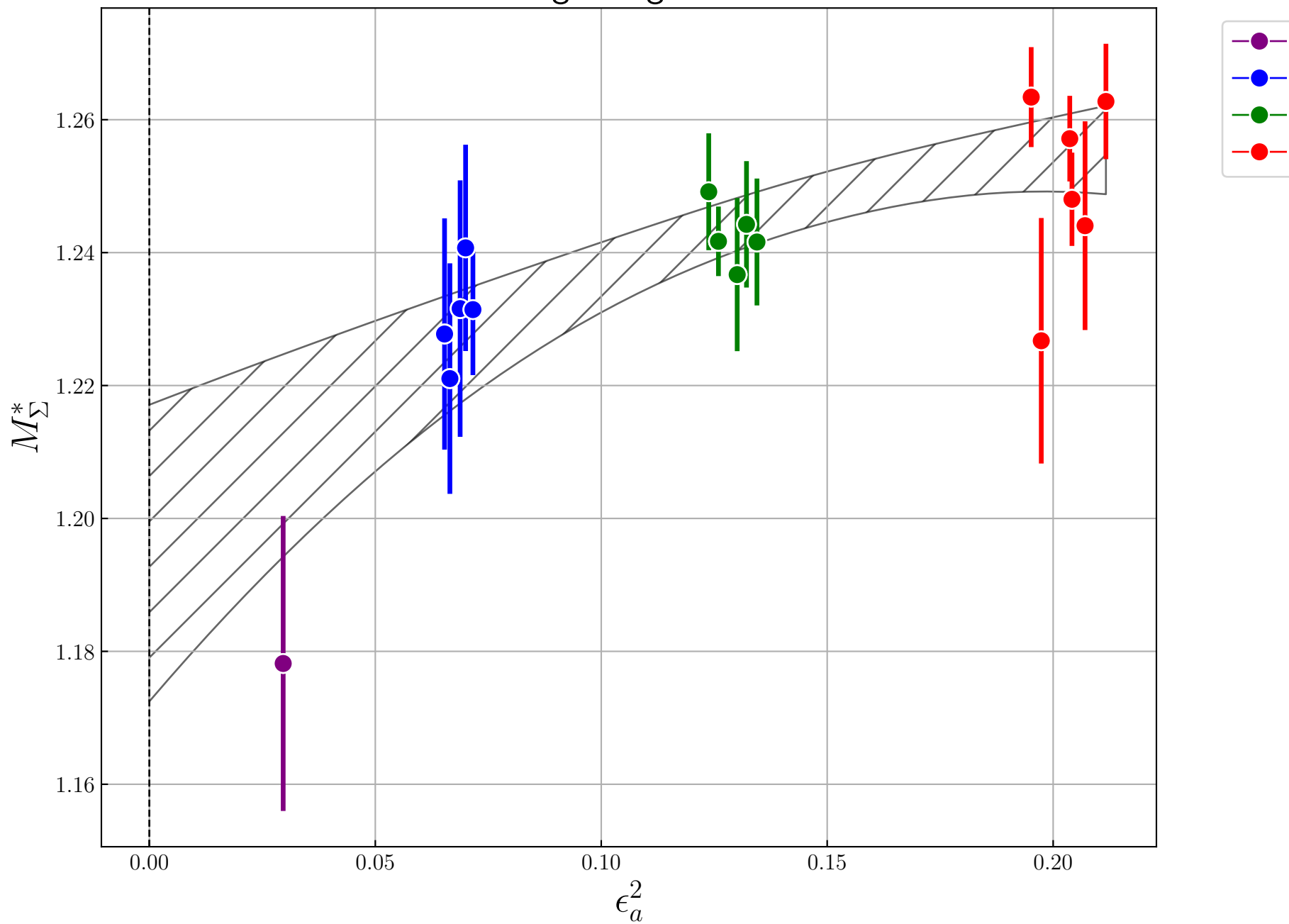
Model: lam:sigma:sigma\_st:l\_lo:d\_n2lo



Model: lam:sigma:sigma\_st:l\_lo:d\_n2lo



Model: lam:sigma:sigma\_st:l\_lo:d\_n2lo



pp 0.0  
chiral 0.0  
sigma\_st  
stat 99.9  
disc 9.0  
pp 0.0  
chiral 0.0  
Least Square Fit:  
chi2/dof [dof] = 1.5 [51] Q = 0.0087 logGBF = 128.84

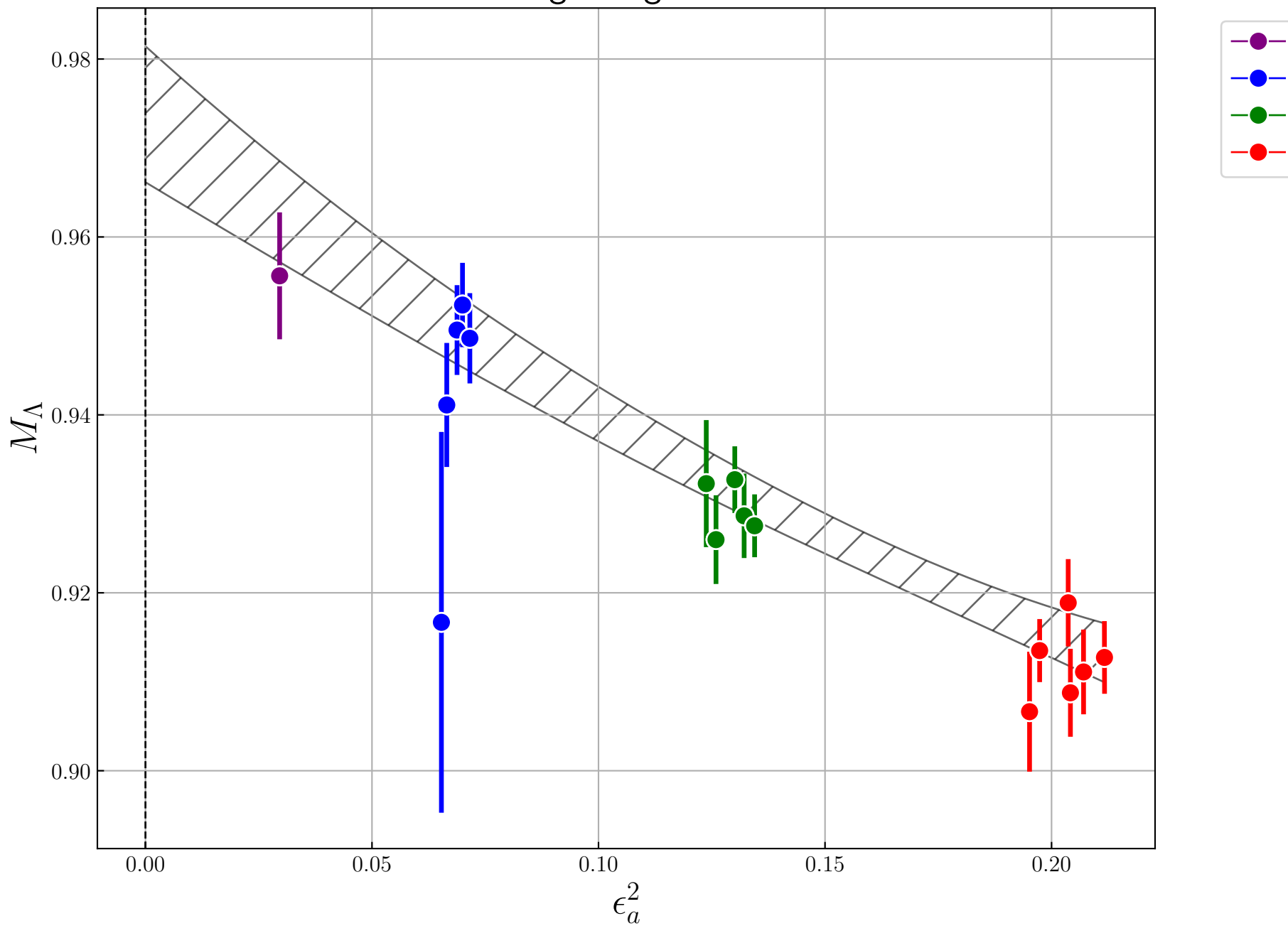
Parameters:

m\_lambda,0 0.9762 (89) [ 1.3 (1.0) ]  
S\_lambda -0.18 (12) [ 3.0 (2.0) ] \*  
d\_lambda,a -0.417 (94) [ 0.0 (2.0) ]  
d\_lambda,aa 0.46 (32) [ 0.0 (4.0) ]  
d\_lambda,al 2.48 (72) [ 0.0 (4.0) ]  
m\_sigma,0 1.0613 (74) [ 1.4 (1.0) ]  
s\_sigma -4e-16 +- 2 [ 0.0 (2.0) ]  
S\_sigma -0.756 (90) [ 0.0 (2.0) ]  
d\_sigma,a -0.462 (94) [ 0.0 (2.0) ]  
d\_sigma,aa 1.14 (33) [ 0.0 (4.0) ]  
d\_sigma,al 1.81 (62) [ 0.0 (4.0) ]  
m\_sigma\_st,0 1.210 (24) [ 1.5 (1.0) ]  
s\_sigma\_bar -3e-16 +- 2 [ 0.0 (2.0) ]  
S\_sigma\_bar -0.92 (23) [ 0.0 (2.0) ]  
d\_sigma\_st,a 0.61 (28) [ 0.0 (2.0) ]  
d\_sigma\_st,aa -1.68 (89) [ 0.0 (4.0) ]  
d\_sigma\_st,al -0.5 (1.4) [ 0.0 (4.0) ]  
eps2\_a 1 0.065324 (70) [ 0.065325 (70) ]  
8 0.13007 (23) [ 0.13008 (23) ]  
13 0.20369 (32) [ 0.20368 (32) ]  
15 0.20703 (48) [ 0.20706 (48) ]  
16 0.21167 (56) [ 0.21168 (56) ]  
m\_pi 0 0.094490 (58) [ 0.094488 (58) ]  
1 0.059494 (63) [ 0.059495 (63) ]  
8 0.18845 (17) [ 0.18842 (17) ]  
9 0.21368 (20) [ 0.21369 (20) ]  
11 0.102709 (69) [ 0.102710 (69) ]  
12 0.16527 (19) [ 0.16526 (19) ]  
13 0.23633 (29) [ 0.23634 (29) ]  
14 0.23399 (21) [ 0.23398 (21) ]  
15 0.26526 (30) [ 0.26524 (30) ]  
16 0.30304 (31) [ 0.30305 (31) ]  
lam\_chi 0 0.3806 (10) [ 0.3807 (10) ]  
1 0.5127 (13) [ 0.5126 (13) ]  
2 0.53677 (99) [ 0.53679 (99) ]  
3 0.57266 (85) [ 0.57265 (85) ]  
5 0.60783 (94) [ 0.60777 (95) ]  
7 0.7399 (16) [ 0.7400 (16) ]  
8 0.7725 (14) [ 0.7729 (14) ]  
9 0.7916 (18) [ 0.7914 (18) ]  
10 0.8154 (14) [ 0.8152 (14) ]  
14 0.9544 (17) [ 0.9545 (17) ]  
15 0.9654 (14) [ 0.9656 (14) ]  
16 0.9961 (15) [ 0.9960 (16) ]  
eps\_pi 0 0.24828 (71) [ 0.24820 (71) ]  
1 0.11603 (33) [ 0.11604 (33) ]  
3 0.24597 (44) [ 0.24598 (44) ]  
5 0.29794 (54) [ 0.29798 (54) ]  
8 0.24394 (51) [ 0.24380 (51) ]  
9 0.26992 (69) [ 0.27002 (69) ]  
10 0.29839 (52) [ 0.29845 (52) ]  
11 0.11458 (20) [ 0.11459 (20) ]  
12 0.18063 (31) [ 0.18062 (31) ]  
13 0.24913 (36) [ 0.24916 (36) ]  
14 0.24515 (47) [ 0.24511 (47) ]  
15 0.27476 (52) [ 0.27469 (52) ]  
16 0.30423 (54) [ 0.30429 (54) ]

Settings:

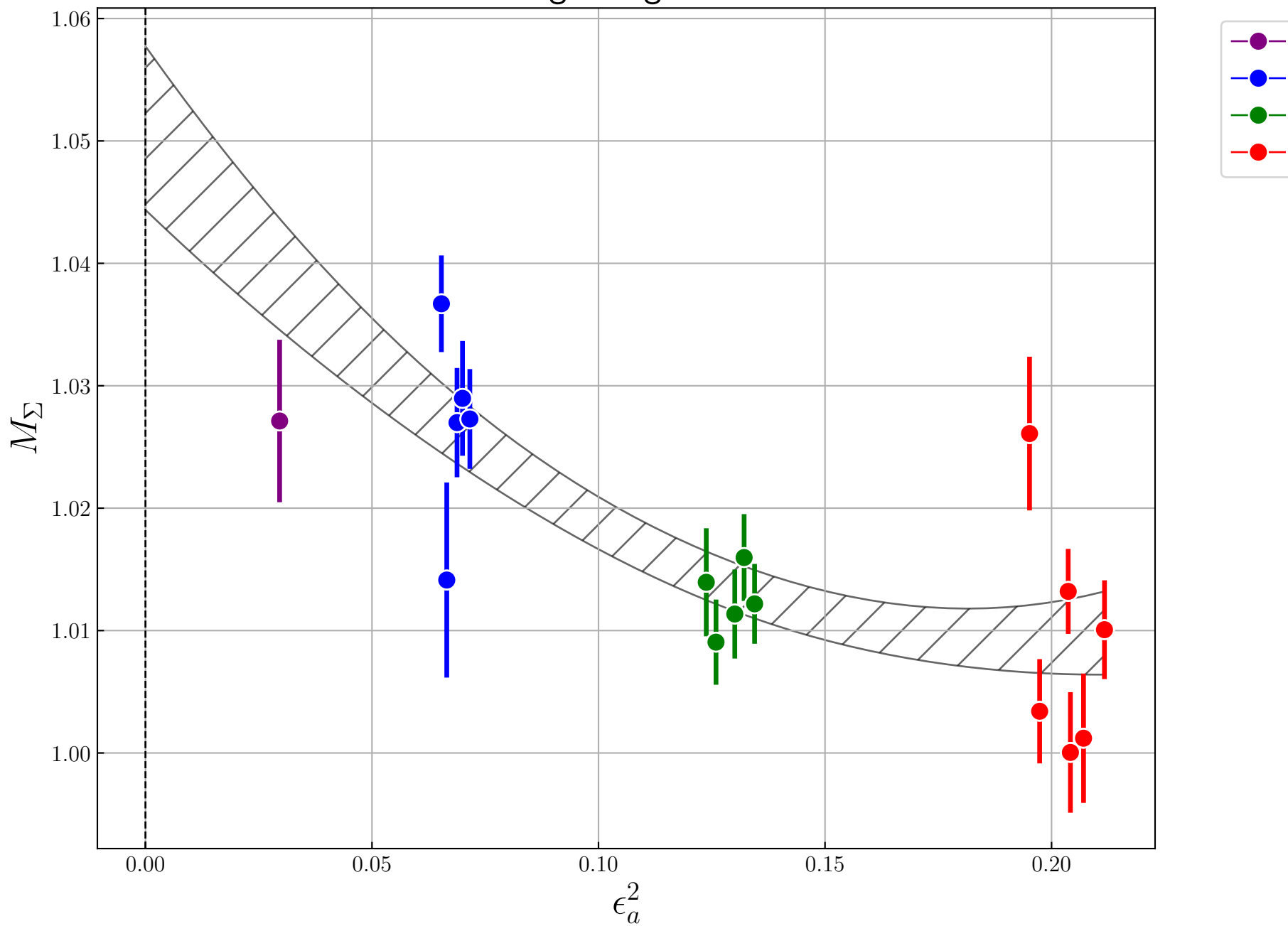
svdcut/n = 1e-12/0 tol = (1e-08\*,1e-10,1e-10) (itns/time = 13/0.1)

Model: lam:sigma:sigma\_st:l\_lo:d\_n2lo

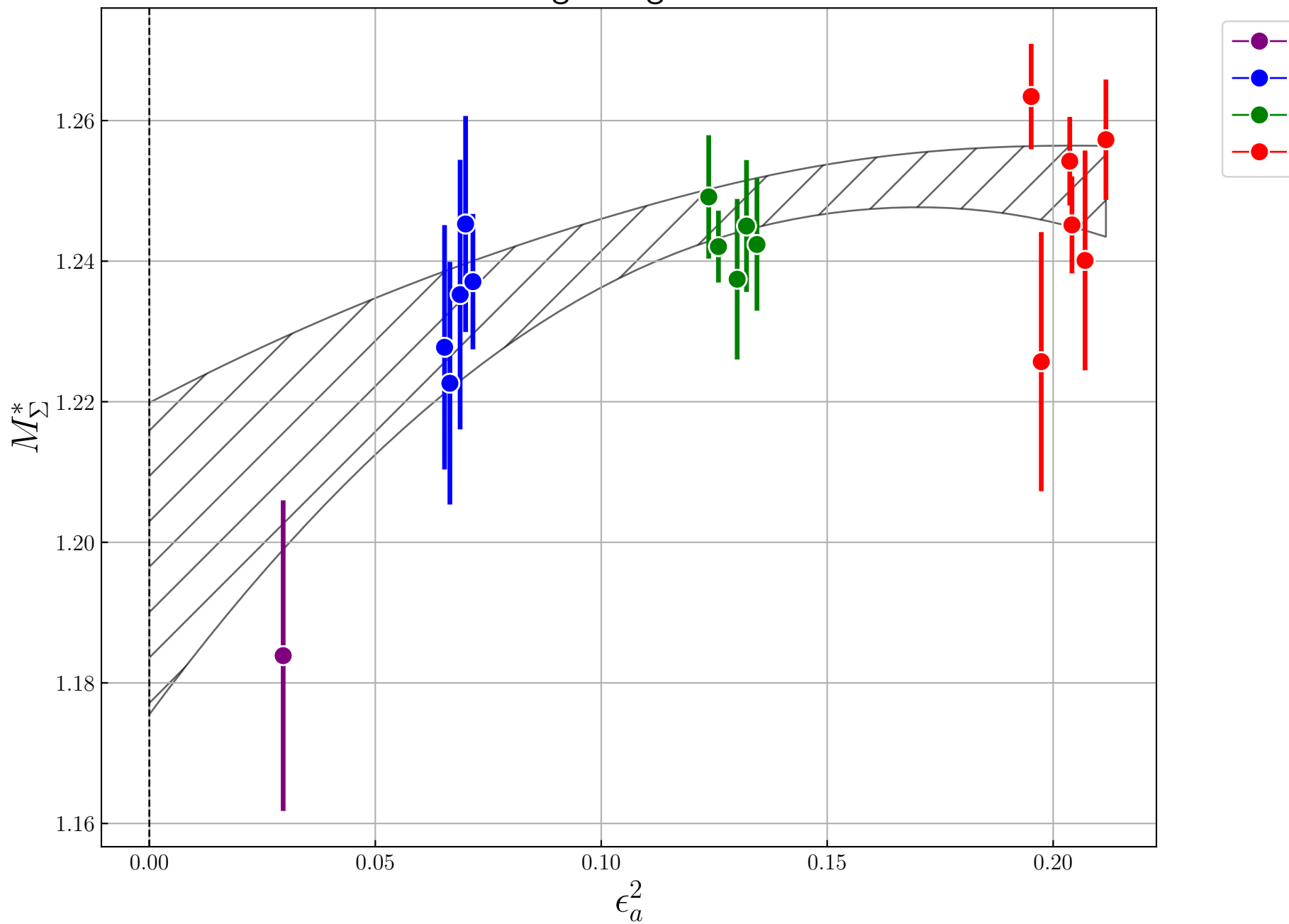




Model: lam:sigma:sigma\_st:l\_lo:d\_n2lo



Model: lam:sigma:sigma\_st:l\_lo:d\_n2lo

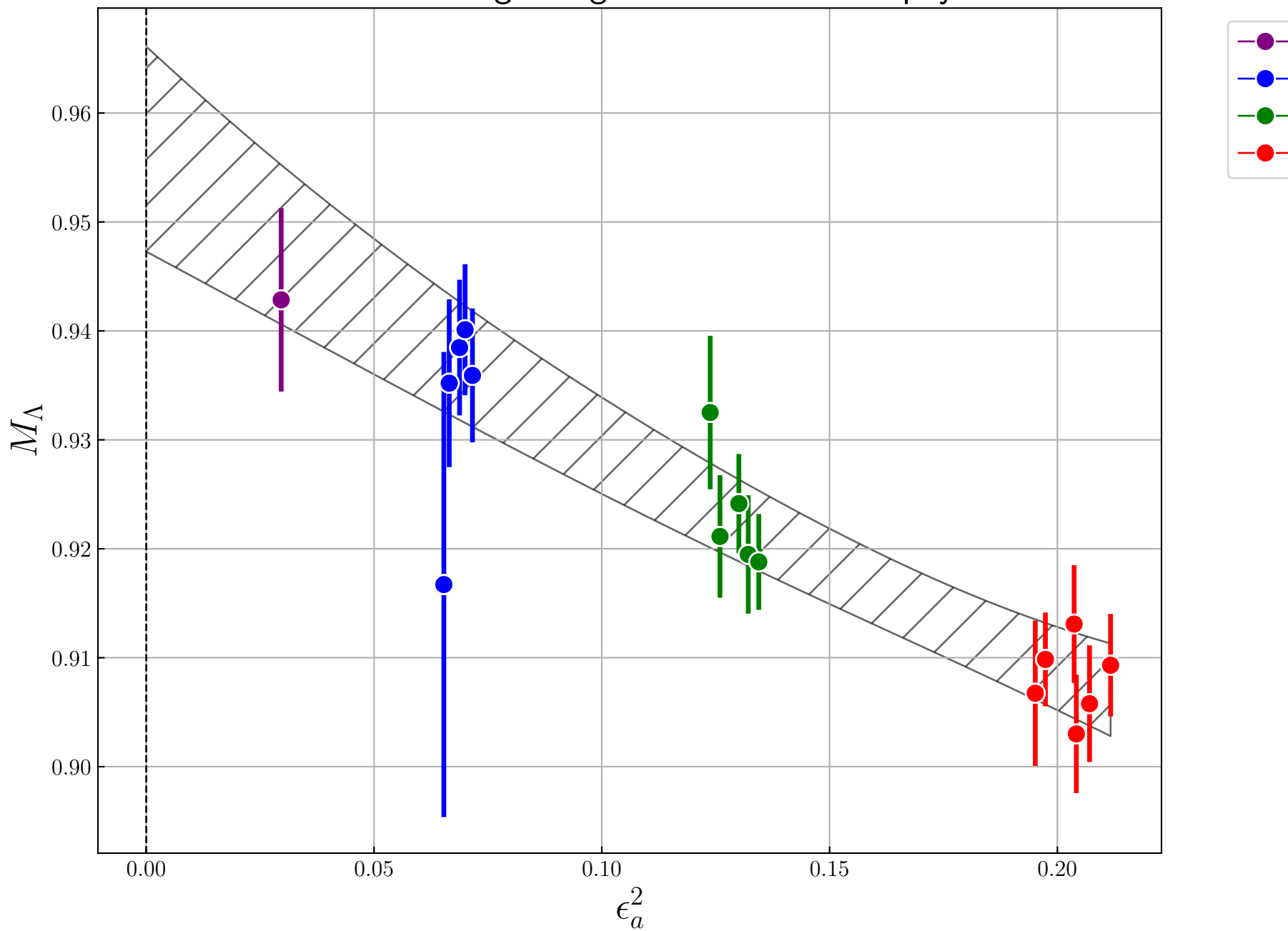


pp 0.0  
Least Square Fit:  
chi2/dof [dof] = 1.4 [51] Q = 0.034 logGBF = 125.5

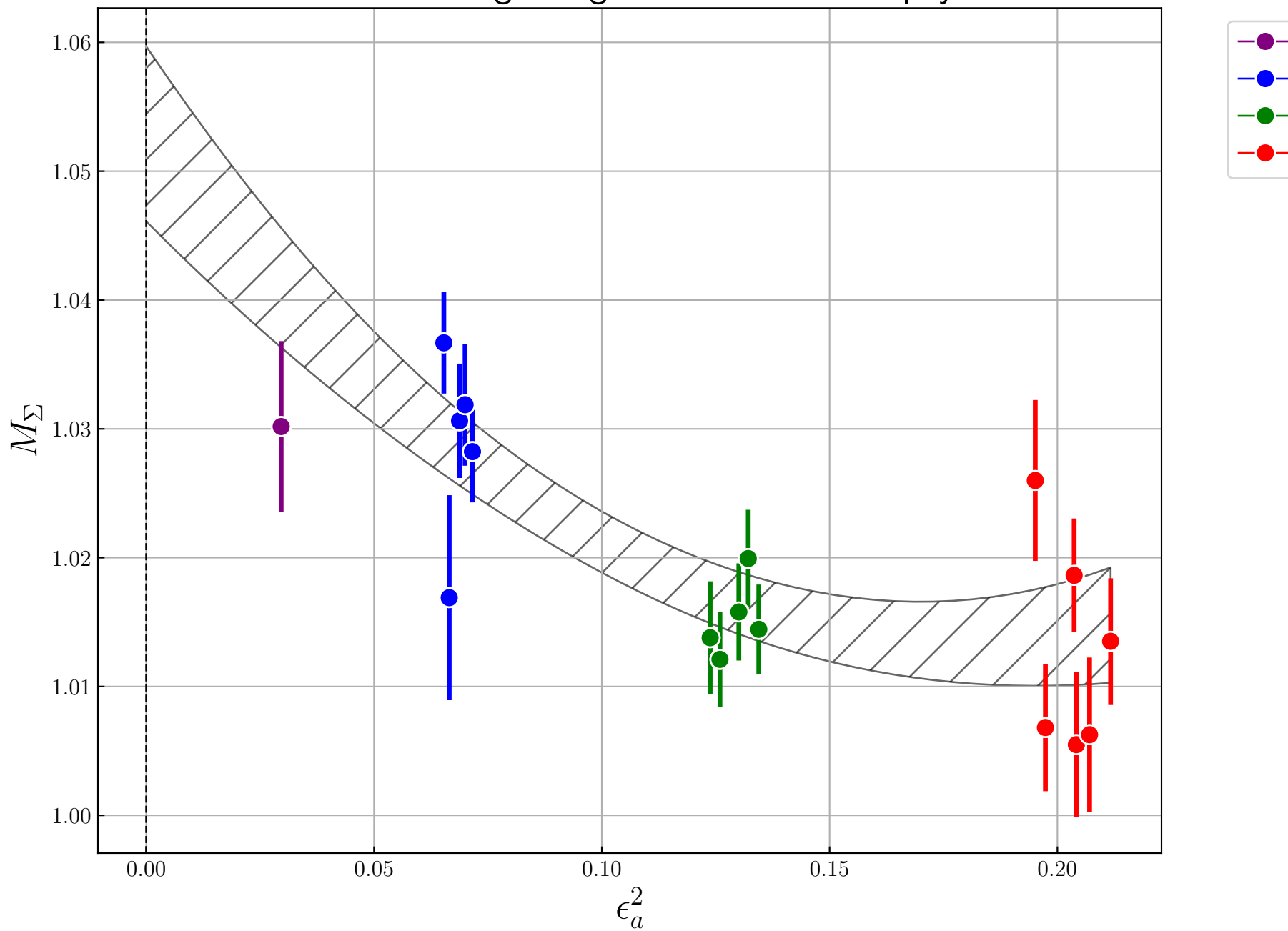
Parameters:  
m\_lambda,0 0.953 (12) [ 1.3 (1.0) ]  
S\_lambda 0.29 (24) [ 3.0 (2.0) ] \*  
b\_lambda,4 -2.3 (1.7) [ 0.0 (5.0) ]  
B\_lambda,4 -3e-15 +- 5 [ 0.0 (5.0) ]  
d\_lambda,a -0.33 (10) [ 0.0 (2.0) ]  
d\_lambda,aa 0.34 (35) [ 0.0 (4.0) ]  
d\_lambda,al 1.65 (81) [ 0.0 (4.0) ]  
m\_sigma,0 1.0659 (77) [ 1.4 (1.0) ]  
s\_sigma 8e-16 +- 2 [ 0.0 (2.0) ]  
S\_sigma -0.99 (15) [ 0.0 (2.0) ]  
b\_sigma,4 2.3 (1.4) [ 0.0 (5.0) ]  
B\_sigma,4 -6e-17 +- 2 [ 0.0 (2.0) ]  
d\_sigma,a -0.460 (96) [ 0.0 (2.0) ]  
d\_sigma,aa 1.22 (34) [ 0.0 (4.0) ]  
d\_sigma,al 1.52 (69) [ 0.0 (4.0) ]  
m\_sigma\_st,0 1.212 (25) [ 1.5 (1.0) ]  
s\_sigma\_bar -7e-17 +- 2 [ 0.0 (2.0) ]  
S\_sigma\_bar -1.18 (35) [ 0.0 (2.0) ]  
b\_sigma\_st,4 4.0 (2.5) [ 0.0 (5.0) ]  
d\_sigma\_st,a 0.56 (29) [ 0.0 (2.0) ]  
d\_sigma\_st,aa -1.12 (91) [ 0.0 (4.0) ]  
d\_sigma\_st,al -1.6 (1.5) [ 0.0 (4.0) ]  
eps2\_a 1 0.065324 (70) [ 0.065325 (70) ]  
13 0.20370 (32) [ 0.20368 (32) ]  
15 0.20705 (48) [ 0.20706 (48) ]  
16 0.21167 (56) [ 0.21168 (56) ]  
m\_pi 0 0.094490 (58) [ 0.094488 (58) ]  
1 0.059494 (63) [ 0.059495 (63) ]  
4 0.15797 (20) [ 0.15798 (20) ]  
8 0.18843 (17) [ 0.18842 (17) ]  
9 0.21368 (20) [ 0.21369 (20) ]  
12 0.16527 (19) [ 0.16526 (19) ]  
13 0.23631 (29) [ 0.23634 (29) ]  
14 0.23399 (21) [ 0.23398 (21) ]  
16 0.30306 (31) [ 0.30305 (31) ]  
lam\_chi 0 0.3806 (10) [ 0.3807 (10) ]  
1 0.5127 (13) [ 0.5126 (13) ]  
2 0.53677 (99) [ 0.53679 (99) ]  
3 0.57267 (85) [ 0.57265 (85) ]  
5 0.60778 (94) [ 0.60777 (95) ]  
7 0.7399 (16) [ 0.7400 (16) ]  
8 0.7728 (14) [ 0.7729 (14) ]  
9 0.7915 (18) [ 0.7914 (18) ]  
13 0.9488 (11) [ 0.9487 (11) ]  
14 0.9543 (17) [ 0.9545 (17) ]  
15 0.9655 (14) [ 0.9656 (14) ]  
16 0.9959 (16) [ 0.9960 (16) ]  
eps\_pi 0 0.24827 (71) [ 0.24820 (71) ]  
1 0.11603 (33) [ 0.11604 (33) ]  
3 0.24597 (44) [ 0.24598 (44) ]  
4 0.26981 (58) [ 0.26984 (58) ]  
5 0.29797 (54) [ 0.29798 (54) ]  
6 0.11307 (33) [ 0.11306 (33) ]  
7 0.18127 (42) [ 0.18125 (42) ]  
8 0.24382 (51) [ 0.24380 (51) ]  
9 0.26997 (69) [ 0.27002 (69) ]  
10 0.29846 (52) [ 0.29845 (52) ]  
12 0.18064 (31) [ 0.18062 (31) ]  
13 0.24909 (36) [ 0.24916 (36) ]  
14 0.24518 (47) [ 0.24511 (47) ]  
15 0.27471 (52) [ 0.27469 (52) ]  
16 0.30430 (54) [ 0.30429 (54) ]

Settings:  
svdcut/n = 1e-12/0 tol = (1e-08\*,1e-10,1e-10) (itns/time = 14/0.1)

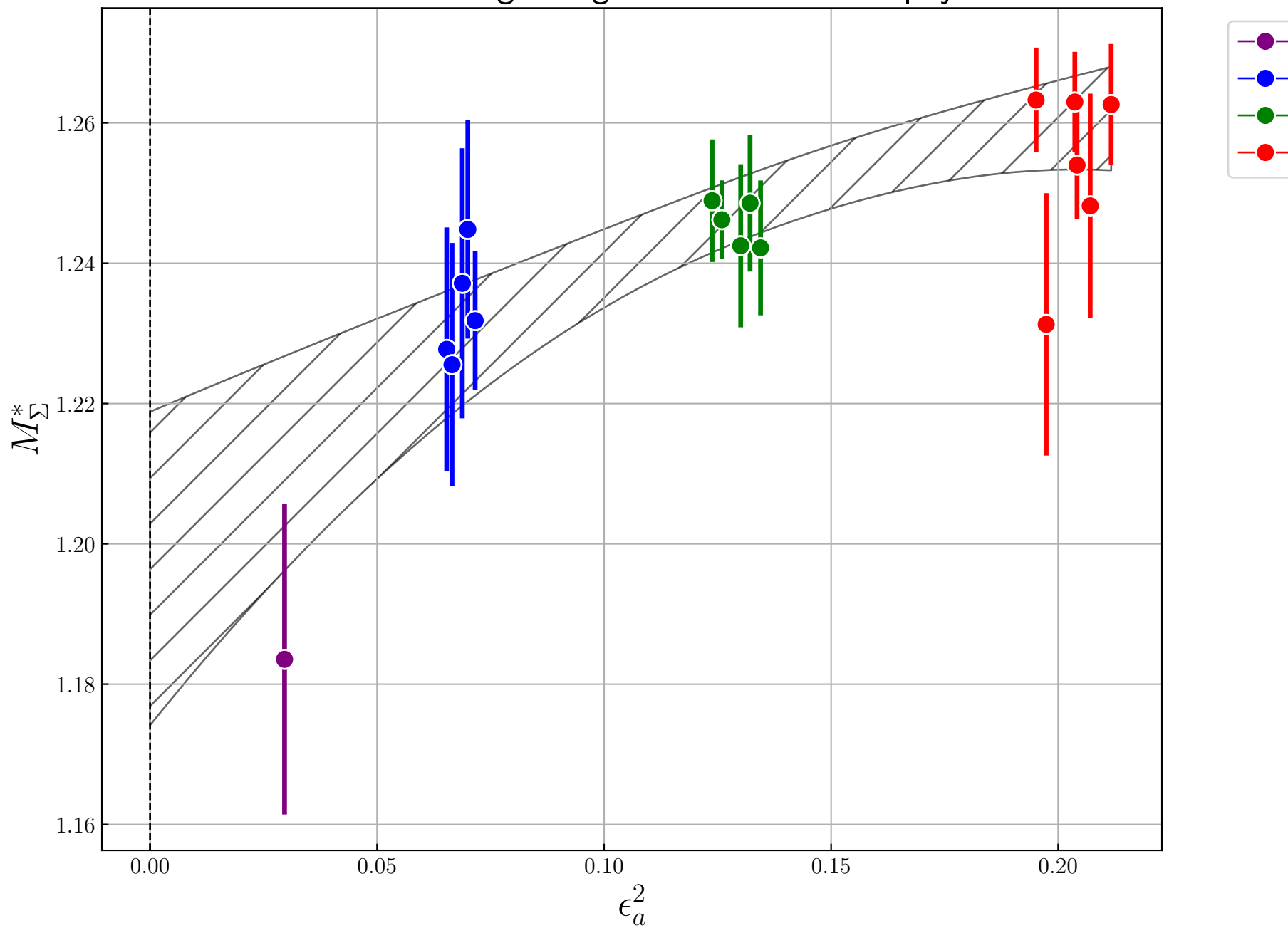
Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo\_phys



Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo\_phys



Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo\_phys

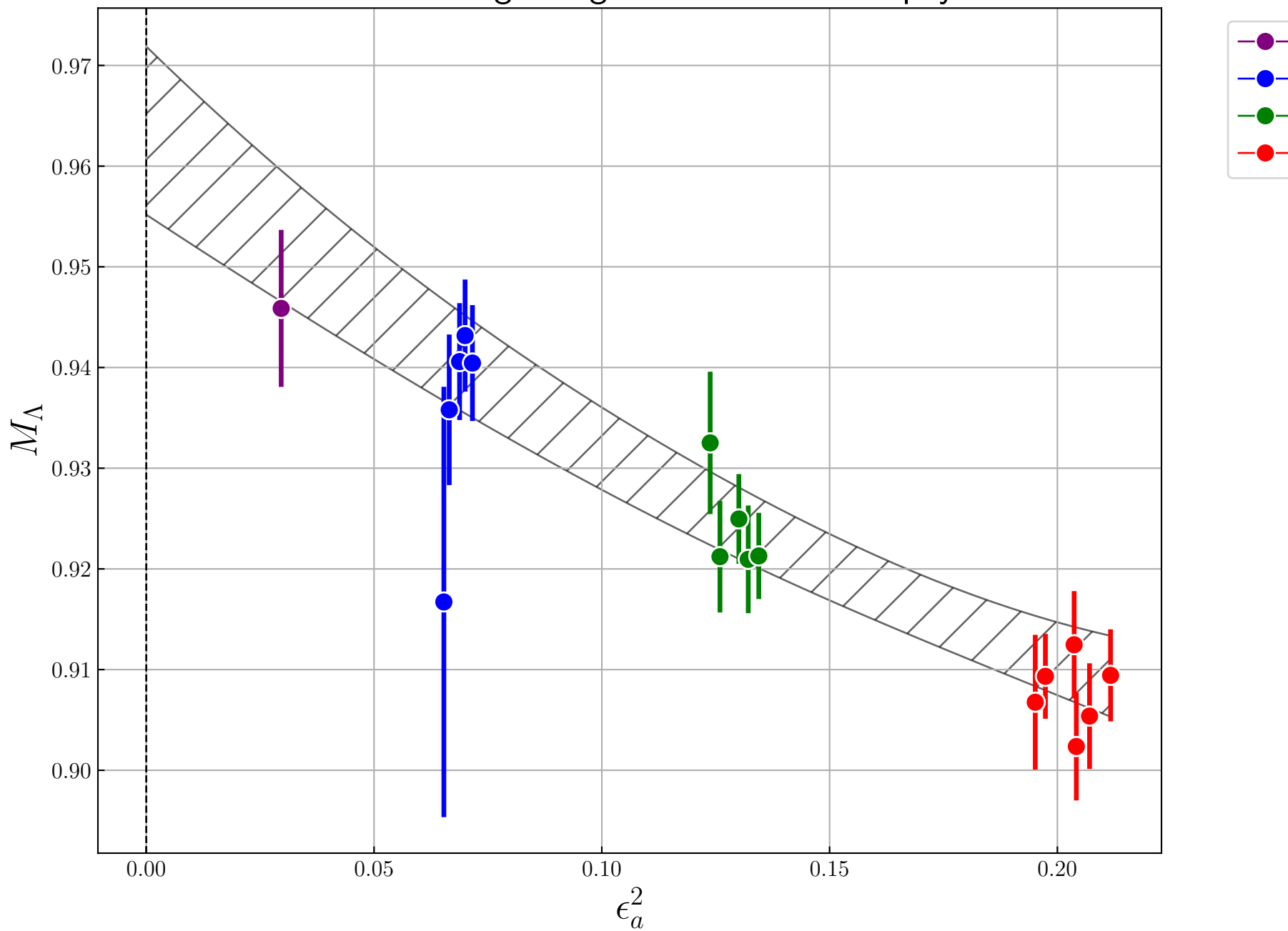


pp 0.1  
sigma\_st  
stat 99.9  
disc 9.0  
chiral 0.1  
pp 0.0  
Least Square Fit:  
chi2/dof [dof] = 1.3 [51] Q = 0.1 logGBF = 132.42

Parameters:  
m\_lambda,0 0.961 (10) [ 1.3 (1.0) ]  
S\_lambda 0.25 (22) [ 3.0 (2.0) ] \*  
b\_lambda,4 -2.9 (1.5) [ 0.0 (5.0) ]  
B\_lambda,4 1e-16 +- 5 [ 0.0 (5.0) ]  
d\_lambda,a -0.398 (94) [ 0.0 (2.0) ]  
d\_lambda,aa 0.54 (32) [ 0.0 (4.0) ]  
d\_lambda,al 2.08 (74) [ 0.0 (4.0) ]  
m\_sigma,0 1.0635 (75) [ 1.4 (1.0) ]  
s\_sigma -5e-16 +- 2 [ 0.0 (2.0) ]  
S\_sigma -0.93 (14) [ 0.0 (2.0) ]  
b\_sigma,4 2.0 (1.3) [ 0.0 (5.0) ]  
B\_sigma,4 1e-15 +- 2 [ 0.0 (2.0) ]  
d\_sigma,a -0.443 (95) [ 0.0 (2.0) ]  
d\_sigma,aa 1.18 (34) [ 0.0 (4.0) ]  
d\_sigma,al 1.40 (67) [ 0.0 (4.0) ]  
m\_sigma\_st,0 1.217 (25) [ 1.5 (1.0) ]  
s\_sigma\_bar 1e-16 +- 2 [ 0.0 (2.0) ]  
S\_sigma\_bar -1.33 (34) [ 0.0 (2.0) ]  
b\_sigma\_st,4 3.9 (2.4) [ 0.0 (5.0) ]  
d\_sigma\_st,a 0.62 (28) [ 0.0 (2.0) ]  
d\_sigma\_st,aa -1.64 (89) [ 0.0 (4.0) ]  
d\_sigma\_st,al -0.6 (1.4) [ 0.0 (4.0) ]  
eps2\_a 1 0.065324 (70) [ 0.065325 (70) ]  
13 0.20370 (32) [ 0.20368 (32) ]  
15 0.20704 (48) [ 0.20706 (48) ]  
16 0.21165 (56) [ 0.21168 (56) ]  
m\_pi 0 0.094490 (58) [ 0.094488 (58) ]  
1 0.059494 (63) [ 0.059495 (63) ]  
4 0.15797 (20) [ 0.15798 (20) ]  
8 0.18844 (17) [ 0.18842 (17) ]  
9 0.21368 (20) [ 0.21369 (20) ]  
12 0.16527 (19) [ 0.16526 (19) ]  
13 0.23632 (29) [ 0.23634 (29) ]  
15 0.26525 (30) [ 0.26524 (30) ]  
16 0.30306 (31) [ 0.30305 (31) ]  
lam\_chi 0 0.3806 (10) [ 0.3807 (10) ]  
1 0.5127 (13) [ 0.5126 (13) ]  
2 0.53677 (99) [ 0.53679 (99) ]  
3 0.57269 (85) [ 0.57265 (85) ]  
5 0.60777 (94) [ 0.60777 (95) ]  
7 0.7399 (16) [ 0.7400 (16) ]  
8 0.7727 (14) [ 0.7729 (14) ]  
9 0.7916 (18) [ 0.7914 (18) ]  
15 0.9655 (14) [ 0.9656 (14) ]  
16 0.9959 (16) [ 0.9960 (16) ]  
eps\_pi 0 0.24826 (71) [ 0.24820 (71) ]  
1 0.11603 (33) [ 0.11604 (33) ]  
3 0.24596 (44) [ 0.24598 (44) ]  
4 0.26983 (58) [ 0.26984 (58) ]  
6 0.11307 (33) [ 0.11306 (33) ]  
7 0.18126 (42) [ 0.18125 (42) ]  
8 0.24386 (51) [ 0.24380 (51) ]  
9 0.26992 (69) [ 0.27002 (69) ]  
12 0.18064 (31) [ 0.18062 (31) ]  
13 0.24911 (36) [ 0.24916 (36) ]  
14 0.24512 (47) [ 0.24511 (47) ]  
15 0.27472 (52) [ 0.27469 (52) ]  
16 0.30430 (54) [ 0.30429 (54) ]

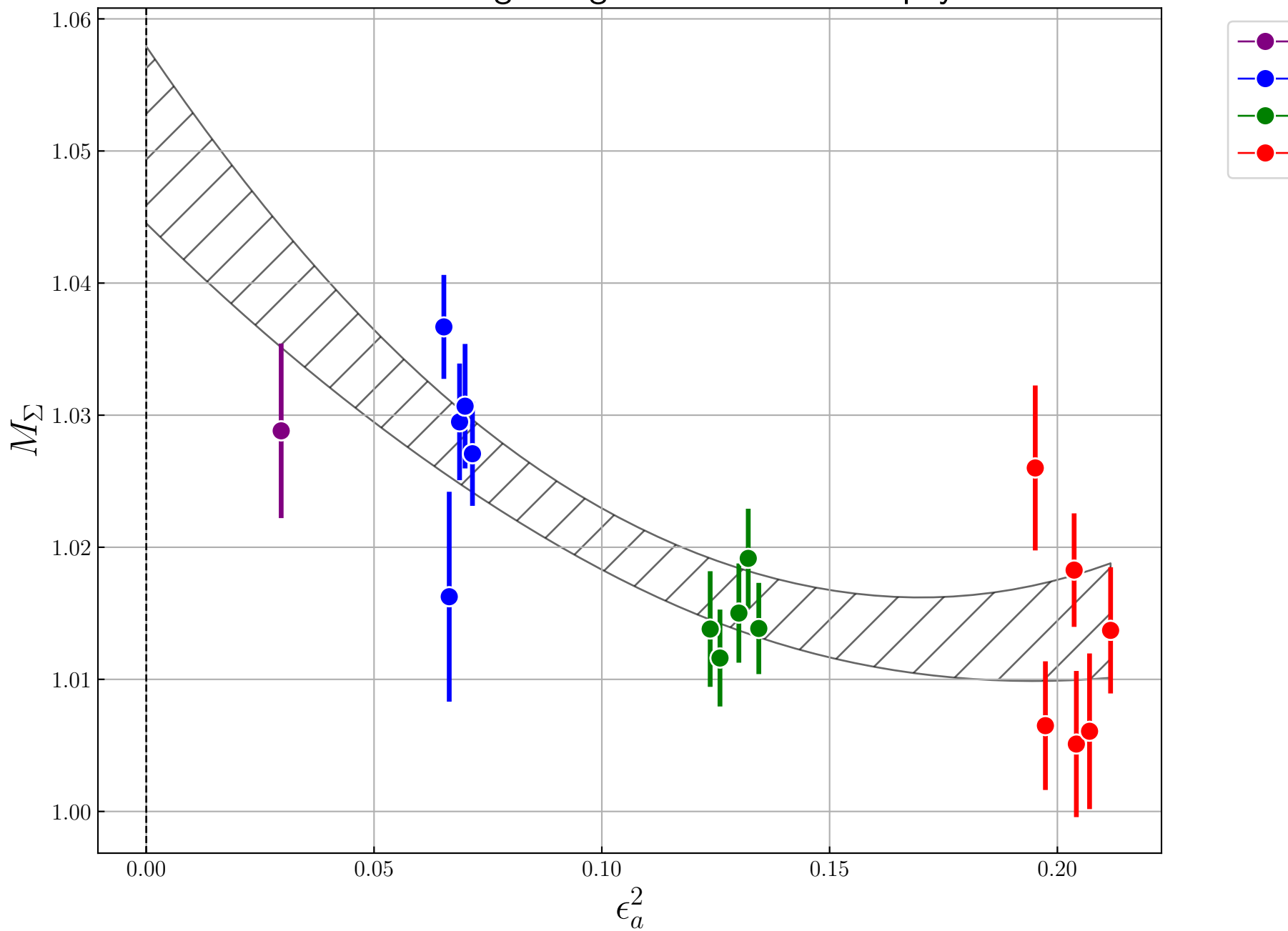
Settings:  
svdcut/n = 1e-12/0 tol = (1e-08\*,1e-10,1e-10) (itns/time = 15/0.1)

Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo\_phys

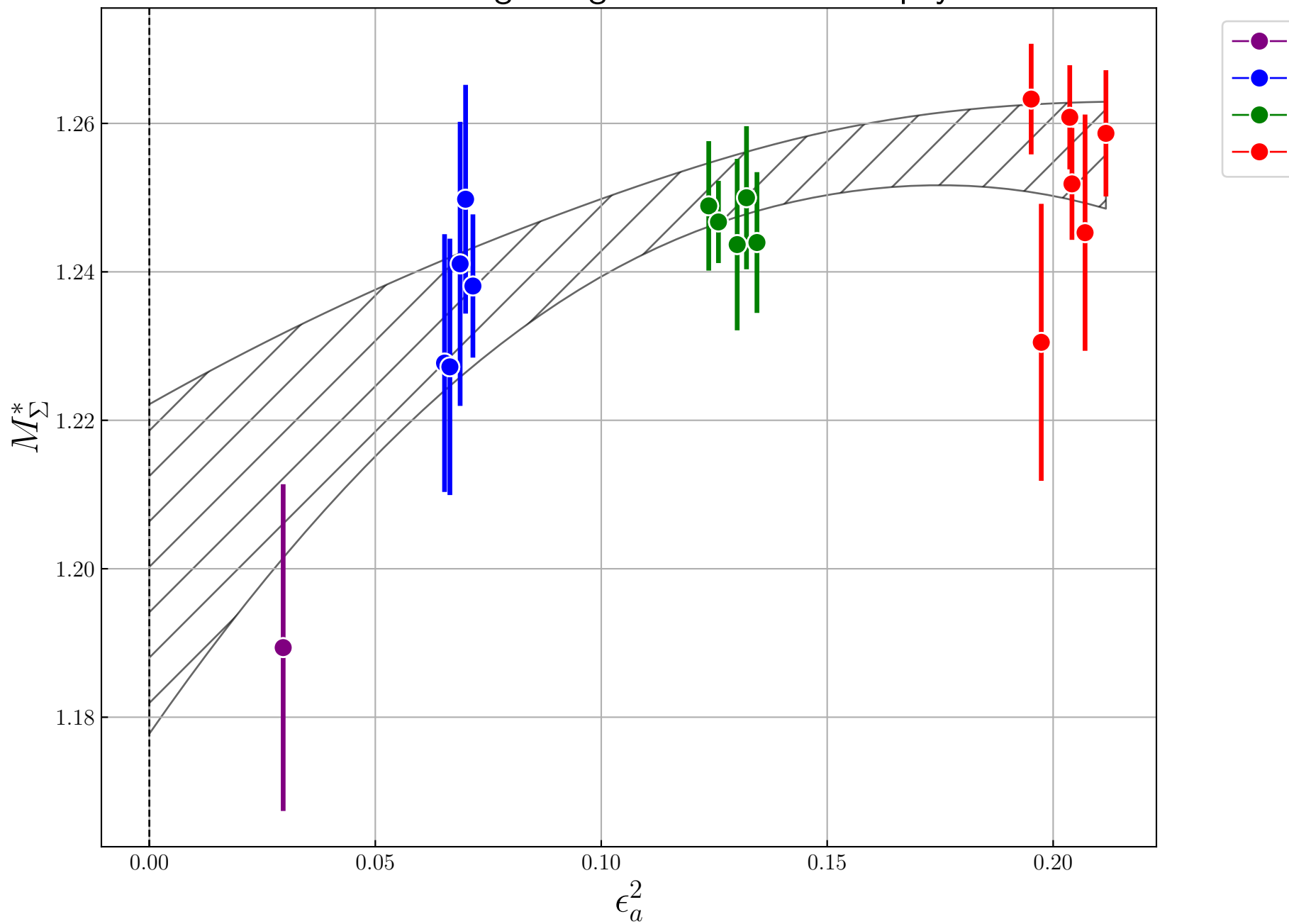




Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo\_phys



Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo\_phys

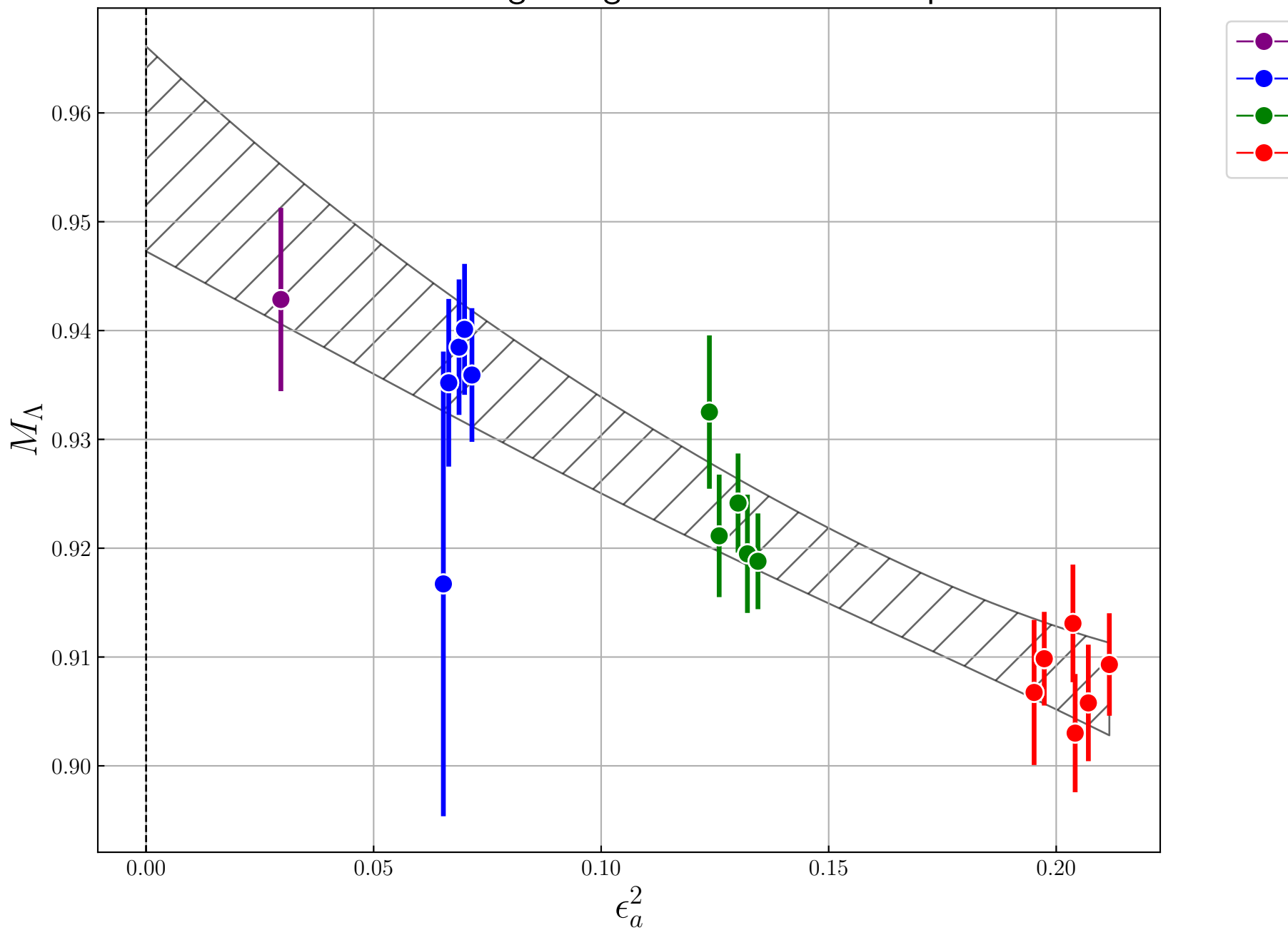


pp 0.0  
Least Square Fit:  
chi2/dof [dof] = 1.4 [51] Q = 0.034 logGBF = 125.5

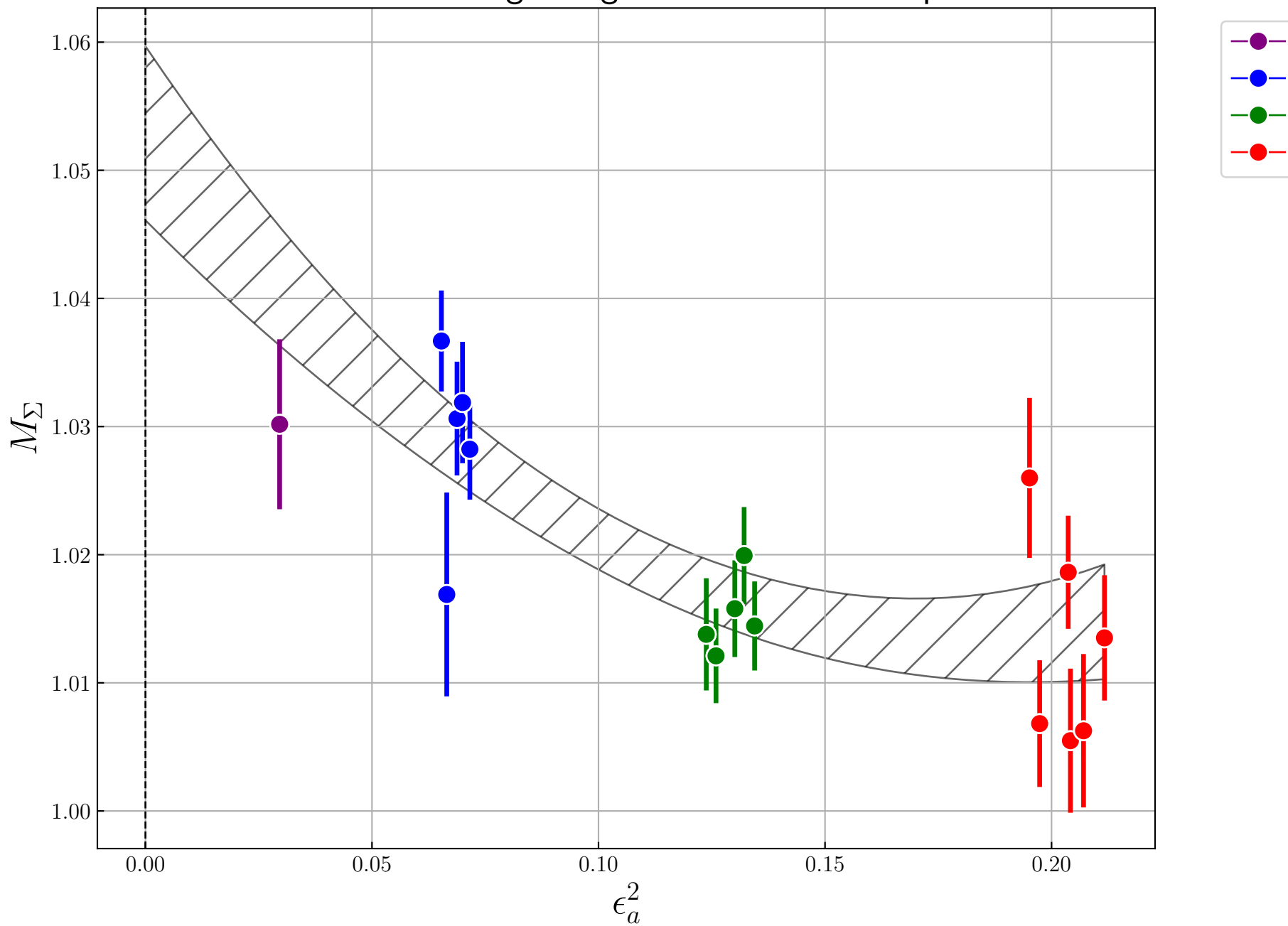
Parameters:  
m\_lambda,0 0.953 (12) [ 1.3 (1.0) ]  
S\_lambda 0.29 (24) [ 3.0 (2.0) ] \*  
b\_lambda,4 -2.3 (1.7) [ 0.0 (5.0) ]  
B\_lambda,4 -3e-15 +- 5 [ 0.0 (5.0) ]  
d\_lambda,a -0.33 (10) [ 0.0 (2.0) ]  
d\_lambda,aa 0.34 (35) [ 0.0 (4.0) ]  
d\_lambda,al 1.65 (81) [ 0.0 (4.0) ]  
m\_sigma,0 1.0659 (77) [ 1.4 (1.0) ]  
s\_sigma 8e-16 +- 2 [ 0.0 (2.0) ]  
S\_sigma -0.99 (15) [ 0.0 (2.0) ]  
b\_sigma,4 2.3 (1.4) [ 0.0 (5.0) ]  
B\_sigma,4 -6e-17 +- 2 [ 0.0 (2.0) ]  
d\_sigma,a -0.460 (96) [ 0.0 (2.0) ]  
d\_sigma,aa 1.22 (34) [ 0.0 (4.0) ]  
d\_sigma,al 1.52 (69) [ 0.0 (4.0) ]  
m\_sigma\_st,0 1.212 (25) [ 1.5 (1.0) ]  
s\_sigma\_bar -7e-17 +- 2 [ 0.0 (2.0) ]  
S\_sigma\_bar -1.18 (35) [ 0.0 (2.0) ]  
b\_sigma\_st,4 4.0 (2.5) [ 0.0 (5.0) ]  
d\_sigma\_st,a 0.56 (29) [ 0.0 (2.0) ]  
d\_sigma\_st,aa -1.12 (91) [ 0.0 (4.0) ]  
d\_sigma\_st,al -1.6 (1.5) [ 0.0 (4.0) ]  
eps2\_a 1 0.065324 (70) [ 0.065325 (70) ]  
13 0.20370 (32) [ 0.20368 (32) ]  
15 0.20705 (48) [ 0.20706 (48) ]  
16 0.21167 (56) [ 0.21168 (56) ]  
m\_pi 0 0.094490 (58) [ 0.094488 (58) ]  
1 0.059494 (63) [ 0.059495 (63) ]  
4 0.15797 (20) [ 0.15798 (20) ]  
8 0.18843 (17) [ 0.18842 (17) ]  
9 0.21368 (20) [ 0.21369 (20) ]  
12 0.16527 (19) [ 0.16526 (19) ]  
13 0.23631 (29) [ 0.23634 (29) ]  
14 0.23399 (21) [ 0.23398 (21) ]  
16 0.30306 (31) [ 0.30305 (31) ]  
lam\_chi 0 0.3806 (10) [ 0.3807 (10) ]  
1 0.5127 (13) [ 0.5126 (13) ]  
2 0.53677 (99) [ 0.53679 (99) ]  
3 0.57267 (85) [ 0.57265 (85) ]  
5 0.60778 (94) [ 0.60777 (95) ]  
7 0.7399 (16) [ 0.7400 (16) ]  
8 0.7728 (14) [ 0.7729 (14) ]  
9 0.7915 (18) [ 0.7914 (18) ]  
13 0.9488 (11) [ 0.9487 (11) ]  
14 0.9543 (17) [ 0.9545 (17) ]  
15 0.9655 (14) [ 0.9656 (14) ]  
16 0.9959 (16) [ 0.9960 (16) ]  
eps\_pi 0 0.24827 (71) [ 0.24820 (71) ]  
1 0.11603 (33) [ 0.11604 (33) ]  
3 0.24597 (44) [ 0.24598 (44) ]  
4 0.26981 (58) [ 0.26984 (58) ]  
5 0.29797 (54) [ 0.29798 (54) ]  
6 0.11307 (33) [ 0.11306 (33) ]  
7 0.18127 (42) [ 0.18125 (42) ]  
8 0.24382 (51) [ 0.24380 (51) ]  
9 0.26997 (69) [ 0.27002 (69) ]  
10 0.29846 (52) [ 0.29845 (52) ]  
12 0.18064 (31) [ 0.18062 (31) ]  
13 0.24909 (36) [ 0.24916 (36) ]  
14 0.24518 (47) [ 0.24511 (47) ]  
15 0.27471 (52) [ 0.27469 (52) ]  
16 0.30430 (54) [ 0.30429 (54) ]

Settings:  
svdcut/n = 1e-12/0 tol = (1e-08\*,1e-10,1e-10) (itns/time = 14/0.1)

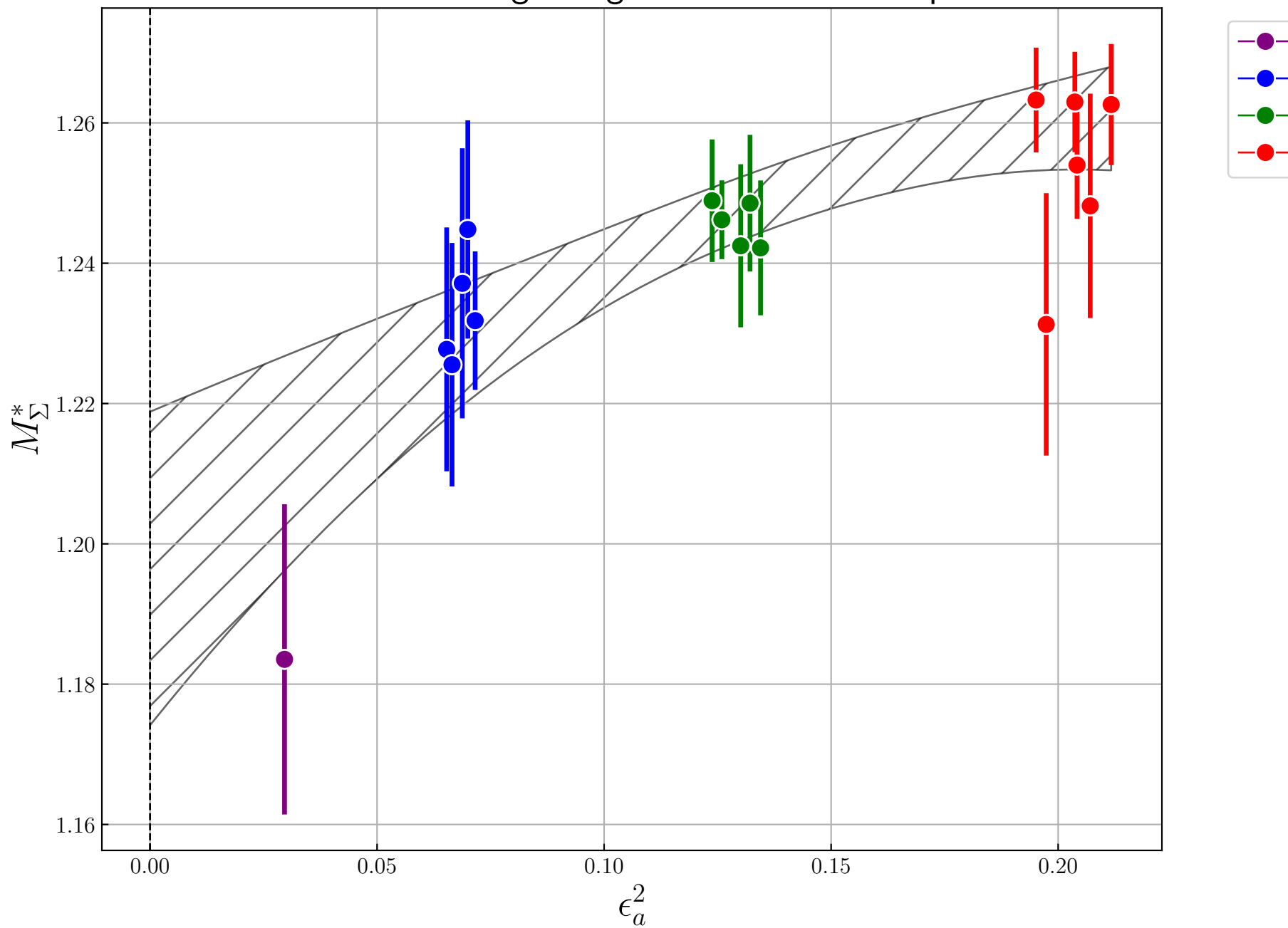
Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo\_fpi



Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo\_fpi



Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo\_fpi

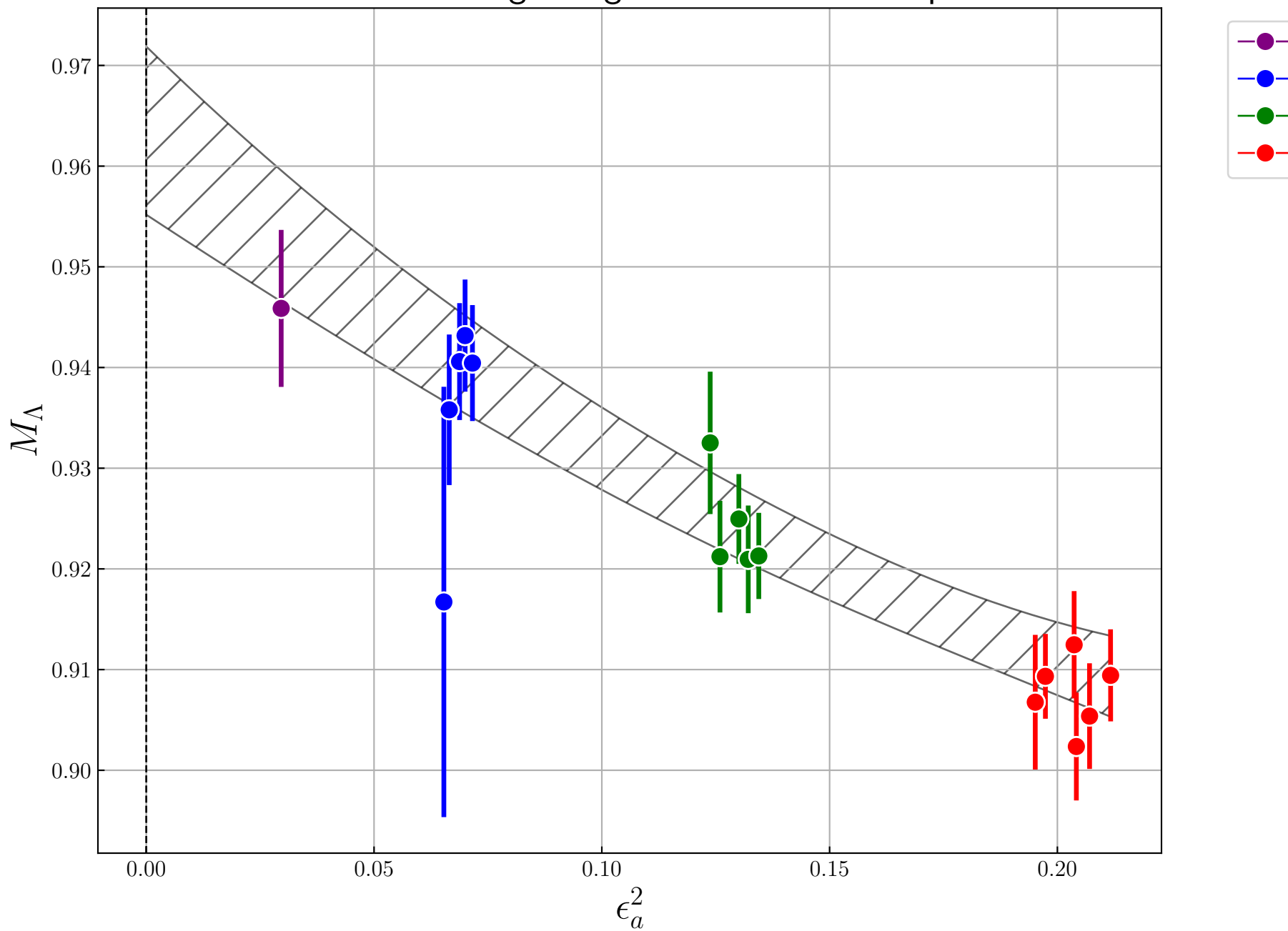


pp 0.1  
sigma\_st  
stat 99.9  
disc 9.0  
chiral 0.1  
pp 0.0  
Least Square Fit:  
chi2/dof [dof] = 1.3 [51] Q = 0.1 logGBF = 132.42

Parameters:  
m\_lambda,0 0.961 (10) [ 1.3 (1.0) ]  
S\_lambda 0.25 (22) [ 3.0 (2.0) ] \*  
b\_lambda,4 -2.9 (1.5) [ 0.0 (5.0) ]  
B\_lambda,4 1e-16 +- 5 [ 0.0 (5.0) ]  
d\_lambda,a -0.398 (94) [ 0.0 (2.0) ]  
d\_lambda,aa 0.54 (32) [ 0.0 (4.0) ]  
d\_lambda,al 2.08 (74) [ 0.0 (4.0) ]  
m\_sigma,0 1.0635 (75) [ 1.4 (1.0) ]  
s\_sigma -5e-16 +- 2 [ 0.0 (2.0) ]  
S\_sigma -0.93 (14) [ 0.0 (2.0) ]  
b\_sigma,4 2.0 (1.3) [ 0.0 (5.0) ]  
B\_sigma,4 1e-15 +- 2 [ 0.0 (2.0) ]  
d\_sigma,a -0.443 (95) [ 0.0 (2.0) ]  
d\_sigma,aa 1.18 (34) [ 0.0 (4.0) ]  
d\_sigma,al 1.40 (67) [ 0.0 (4.0) ]  
m\_sigma\_st,0 1.217 (25) [ 1.5 (1.0) ]  
s\_sigma\_bar 1e-16 +- 2 [ 0.0 (2.0) ]  
S\_sigma\_bar -1.33 (34) [ 0.0 (2.0) ]  
b\_sigma\_st,4 3.9 (2.4) [ 0.0 (5.0) ]  
d\_sigma\_st,a 0.62 (28) [ 0.0 (2.0) ]  
d\_sigma\_st,aa -1.64 (89) [ 0.0 (4.0) ]  
d\_sigma\_st,al -0.6 (1.4) [ 0.0 (4.0) ]  
eps2\_a 1 0.065324 (70) [ 0.065325 (70) ]  
13 0.20370 (32) [ 0.20368 (32) ]  
15 0.20704 (48) [ 0.20706 (48) ]  
16 0.21165 (56) [ 0.21168 (56) ]  
m\_pi 0 0.094490 (58) [ 0.094488 (58) ]  
1 0.059494 (63) [ 0.059495 (63) ]  
4 0.15797 (20) [ 0.15798 (20) ]  
8 0.18844 (17) [ 0.18842 (17) ]  
9 0.21368 (20) [ 0.21369 (20) ]  
12 0.16527 (19) [ 0.16526 (19) ]  
13 0.23632 (29) [ 0.23634 (29) ]  
15 0.26525 (30) [ 0.26524 (30) ]  
16 0.30306 (31) [ 0.30305 (31) ]  
lam\_chi 0 0.3806 (10) [ 0.3807 (10) ]  
1 0.5127 (13) [ 0.5126 (13) ]  
2 0.53677 (99) [ 0.53679 (99) ]  
3 0.57269 (85) [ 0.57265 (85) ]  
5 0.60777 (94) [ 0.60777 (95) ]  
7 0.7399 (16) [ 0.7400 (16) ]  
8 0.7727 (14) [ 0.7729 (14) ]  
9 0.7916 (18) [ 0.7914 (18) ]  
15 0.9655 (14) [ 0.9656 (14) ]  
16 0.9959 (16) [ 0.9960 (16) ]  
eps\_pi 0 0.24826 (71) [ 0.24820 (71) ]  
1 0.11603 (33) [ 0.11604 (33) ]  
3 0.24596 (44) [ 0.24598 (44) ]  
4 0.26983 (58) [ 0.26984 (58) ]  
6 0.11307 (33) [ 0.11306 (33) ]  
7 0.18126 (42) [ 0.18125 (42) ]  
8 0.24386 (51) [ 0.24380 (51) ]  
9 0.26992 (69) [ 0.27002 (69) ]  
12 0.18064 (31) [ 0.18062 (31) ]  
13 0.24911 (36) [ 0.24916 (36) ]  
14 0.24512 (47) [ 0.24511 (47) ]  
15 0.27472 (52) [ 0.27469 (52) ]  
16 0.30430 (54) [ 0.30429 (54) ]

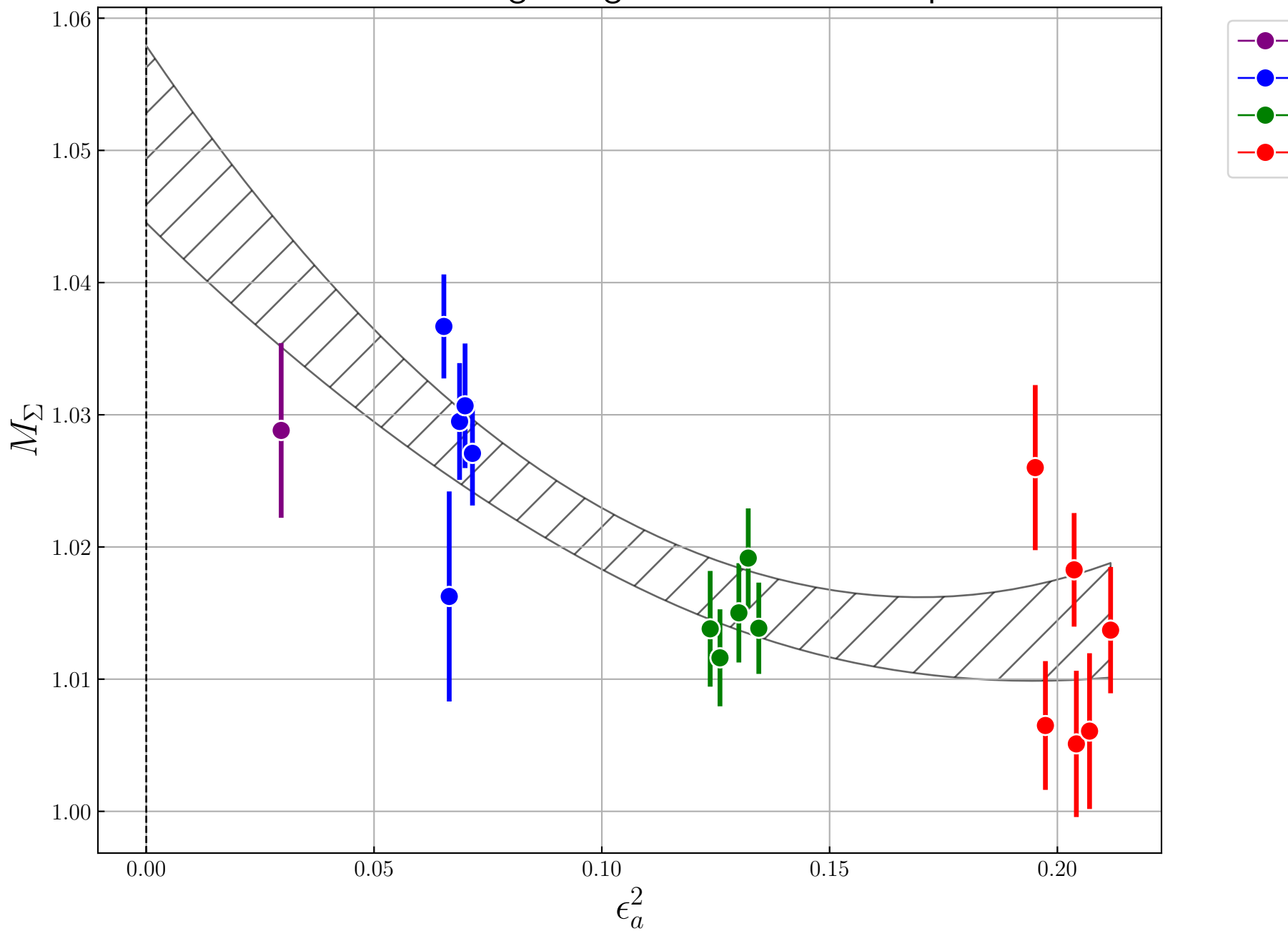
Settings:  
svdcut/n = 1e-12/0 tol = (1e-08\*,1e-10,1e-10) (itns/time = 15/0.1)

Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo\_fpi

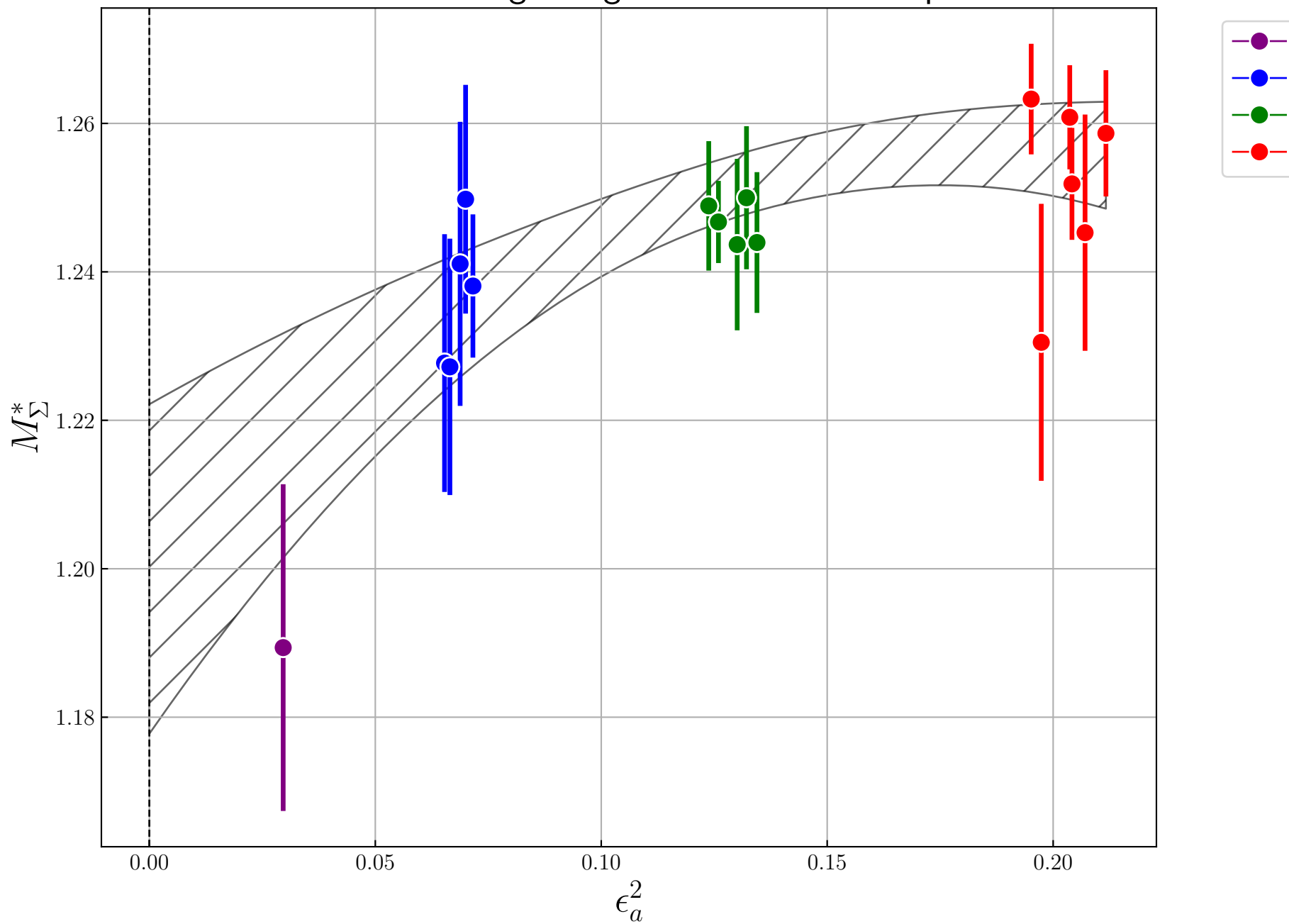




Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo\_fpi



Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo\_fpi



```

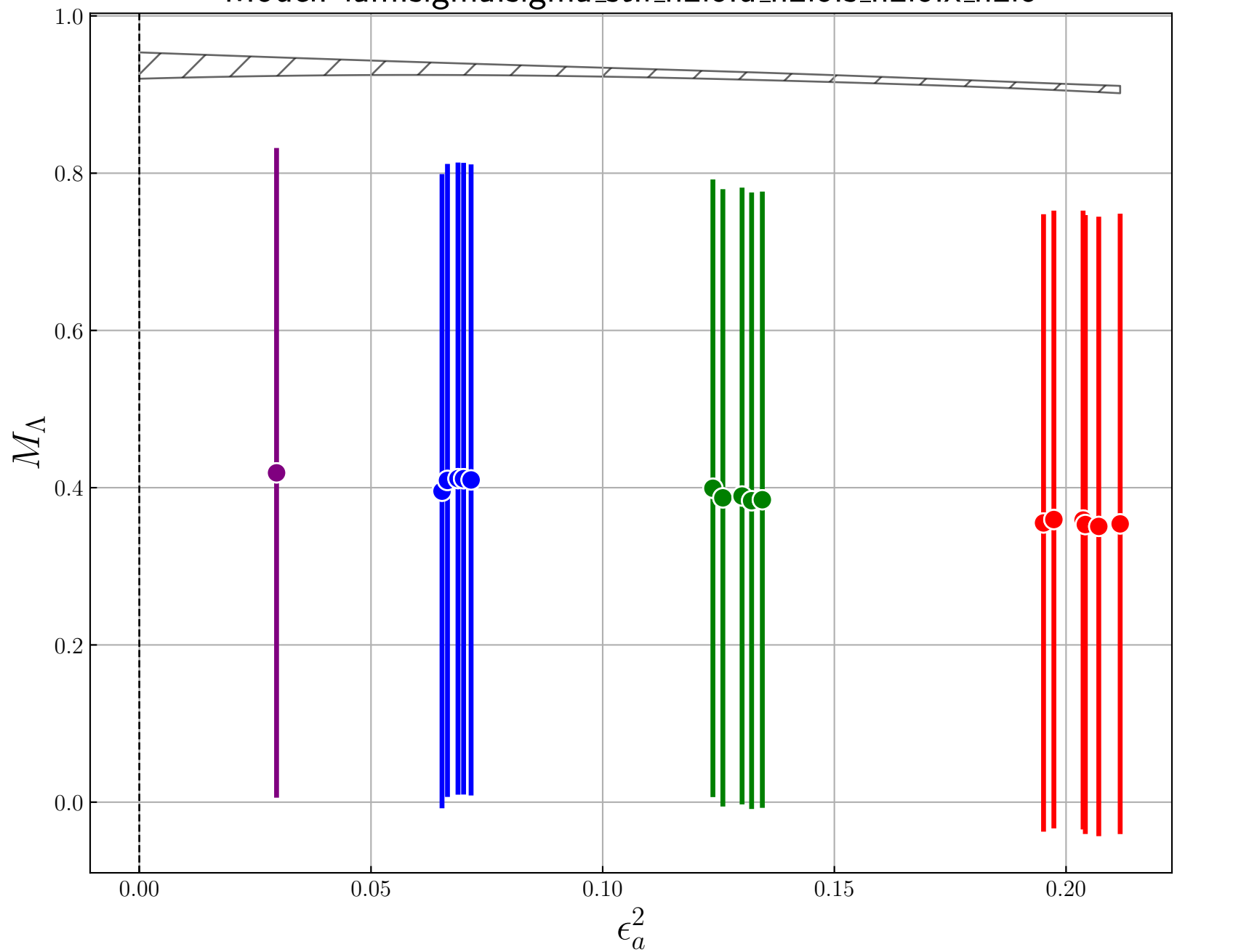
d_lambda,ss 1.5 (3.0) [ 0.0 (4.0) ]
a_lambda,4 0.01 (3.37) [ 0.0 (5.0) ]
m_k 0 0.162012 (72) [ 0.162025 (73) ]
1 0.218528 (78) [ 0.218513 (78) ]
2 0.228697 (91) [ 0.228713 (91) ]
3 0.24109 (14) [ 0.24107 (14) ]
4 0.24701 (12) [ 0.24699 (12) ]
5 0.25524 (12) [ 0.25523 (13) ]
7 0.31025 (19) [ 0.31026 (19) ]
8 0.32405 (20) [ 0.32404 (21) ]
9 0.33331 (16) [ 0.33332 (16) ]
10 0.34320 (14) [ 0.34322 (14) ]
12 0.38690 (21) [ 0.38691 (21) ]
13 0.40484 (25) [ 0.40471 (25) ]
14 0.40380 (22) [ 0.40382 (22) ]
15 0.41413 (27) [ 0.41423 (28) ]
16 0.42752 (26) [ 0.42749 (27) ]
eps2_a 13 0.20365 (32) [ 0.20368 (32) ]
14 0.20417 (25) [ 0.20416 (25) ]
15 0.20711 (48) [ 0.20706 (48) ]
16 0.21166 (56) [ 0.21168 (56) ]
m_pi 0 0.094481 (58) [ 0.094488 (58) ]
1 0.059504 (63) [ 0.059495 (63) ]
2 0.097945 (63) [ 0.097953 (63) ]
3 0.14087 (12) [ 0.14086 (12) ]
5 0.18111 (15) [ 0.18110 (15) ]
8 0.18843 (17) [ 0.18842 (17) ]
10 0.24332 (16) [ 0.24331 (16) ]
11 0.102709 (69) [ 0.102710 (69) ]
13 0.23630 (29) [ 0.23634 (29) ]
15 0.26516 (30) [ 0.26524 (30) ]
16 0.30307 (31) [ 0.30305 (31) ]
lam_chi 0 0.3814 (10) [ 0.3807 (10) ]
1 0.5116 (12) [ 0.5126 (13) ]
2 0.53730 (97) [ 0.53679 (99) ]
3 0.57244 (81) [ 0.57265 (85) ]
4 0.58504 (99) [ 0.5854 (11) ]
5 0.60757 (92) [ 0.60777 (95) ]
6 0.7154 (13) [ 0.7152 (14) ]
7 0.7404 (15) [ 0.7400 (16) ]
8 0.7728 (13) [ 0.7729 (14) ]
9 0.7916 (16) [ 0.7914 (18) ]
10 0.8159 (13) [ 0.8152 (14) ]
11 0.8965 (14) [ 0.8963 (14) ]
12 0.9150 (10) [ 0.9149 (11) ]
13 0.9475 (10) [ 0.9487 (11) ] *
14 0.9550 (16) [ 0.9545 (17) ]
15 0.9667 (13) [ 0.9656 (14) ]
16 0.9956 (15) [ 0.9960 (16) ]
eps_pi 0 0.24768 (68) [ 0.24820 (71) ]
1 0.11630 (32) [ 0.11604 (33) ]
2 0.18229 (36) [ 0.18248 (37) ]
3 0.24609 (42) [ 0.24598 (44) ]
4 0.27000 (55) [ 0.26984 (58) ]
5 0.29808 (52) [ 0.29798 (54) ]
6 0.11304 (32) [ 0.11306 (33) ]
7 0.18115 (38) [ 0.18125 (42) ]
8 0.24383 (47) [ 0.24380 (51) ]
9 0.26993 (62) [ 0.27002 (69) ]
10 0.29820 (49) [ 0.29845 (52) ]
11 0.11457 (20) [ 0.11459 (20) ]
12 0.18061 (30) [ 0.18062 (31) ]
13 0.24943 (34) [ 0.24916 (36) ]
14 0.24497 (44) [ 0.24511 (47) ]
15 0.27429 (49) [ 0.27469 (52) ]
16 0.30442 (52) [ 0.30429 (54) ]

```

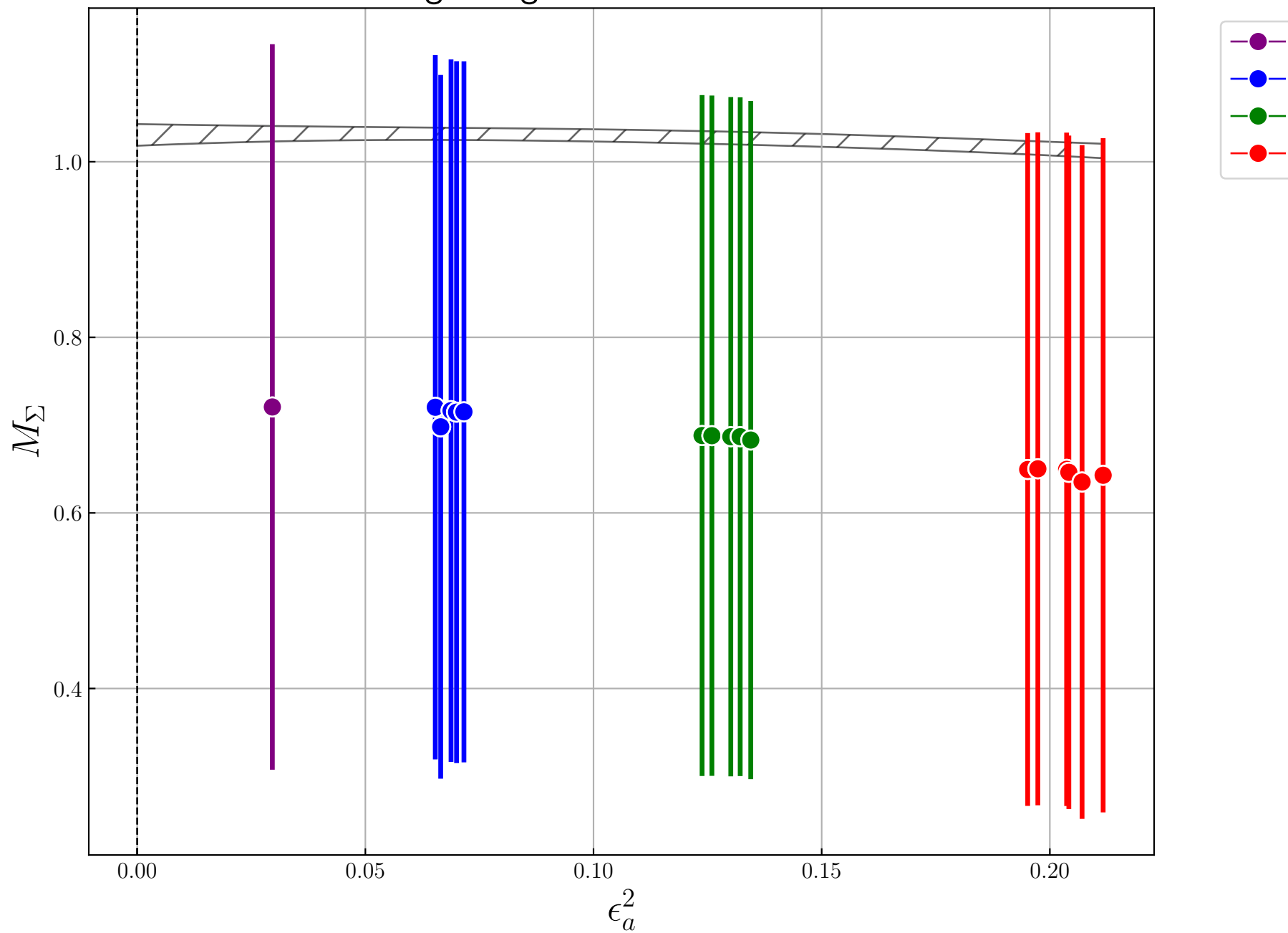
Settings:

svdcut/n = 1e-12/0 tol = (1e-08,1e-10,1e-10) (itns/time = 1000\*/8.0)

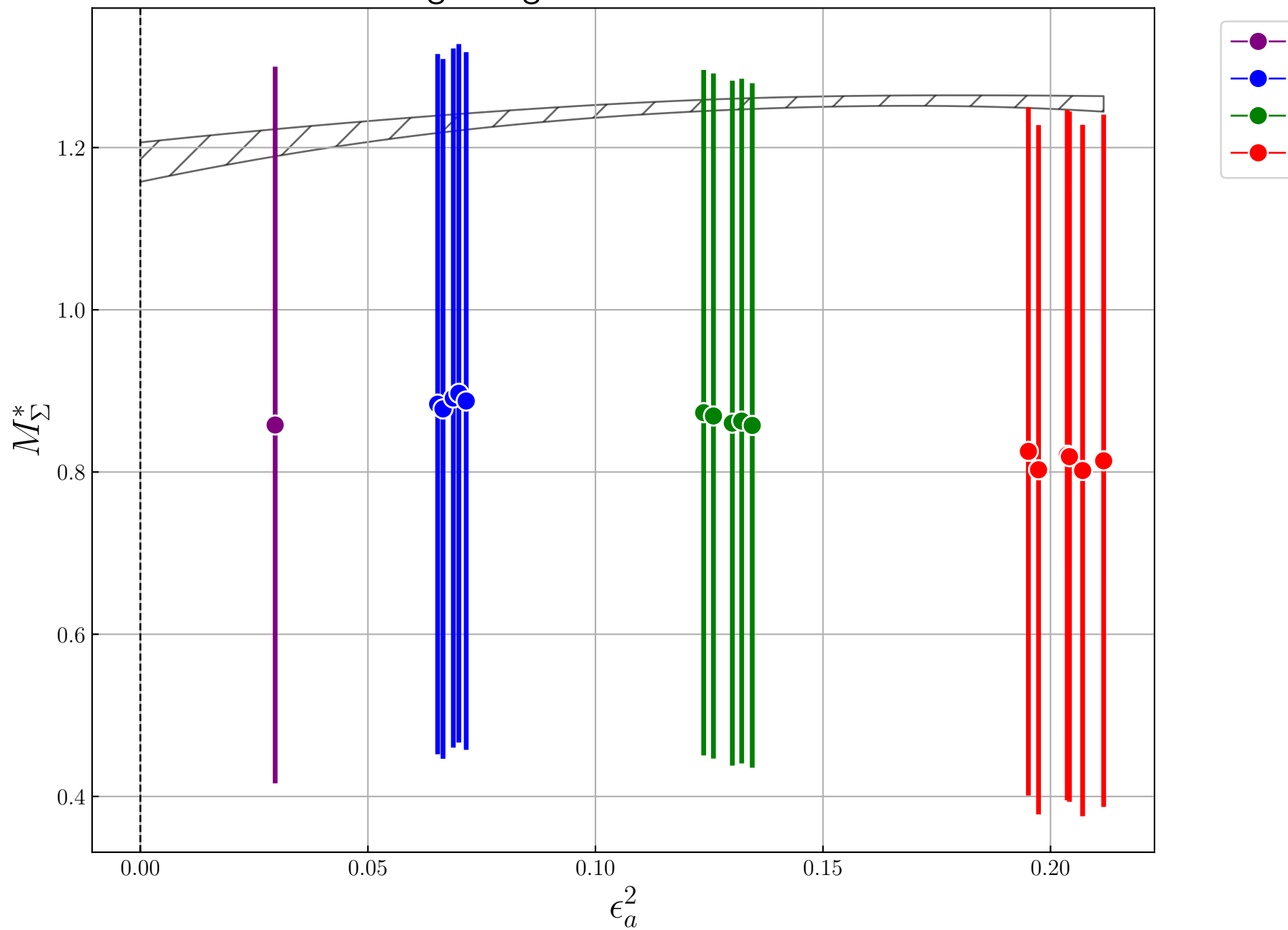
Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:s\_n2lo:x\_n2lo



Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:s\_n2lo:x\_n2lo



Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:s\_n2lo:x\_n2lo



```

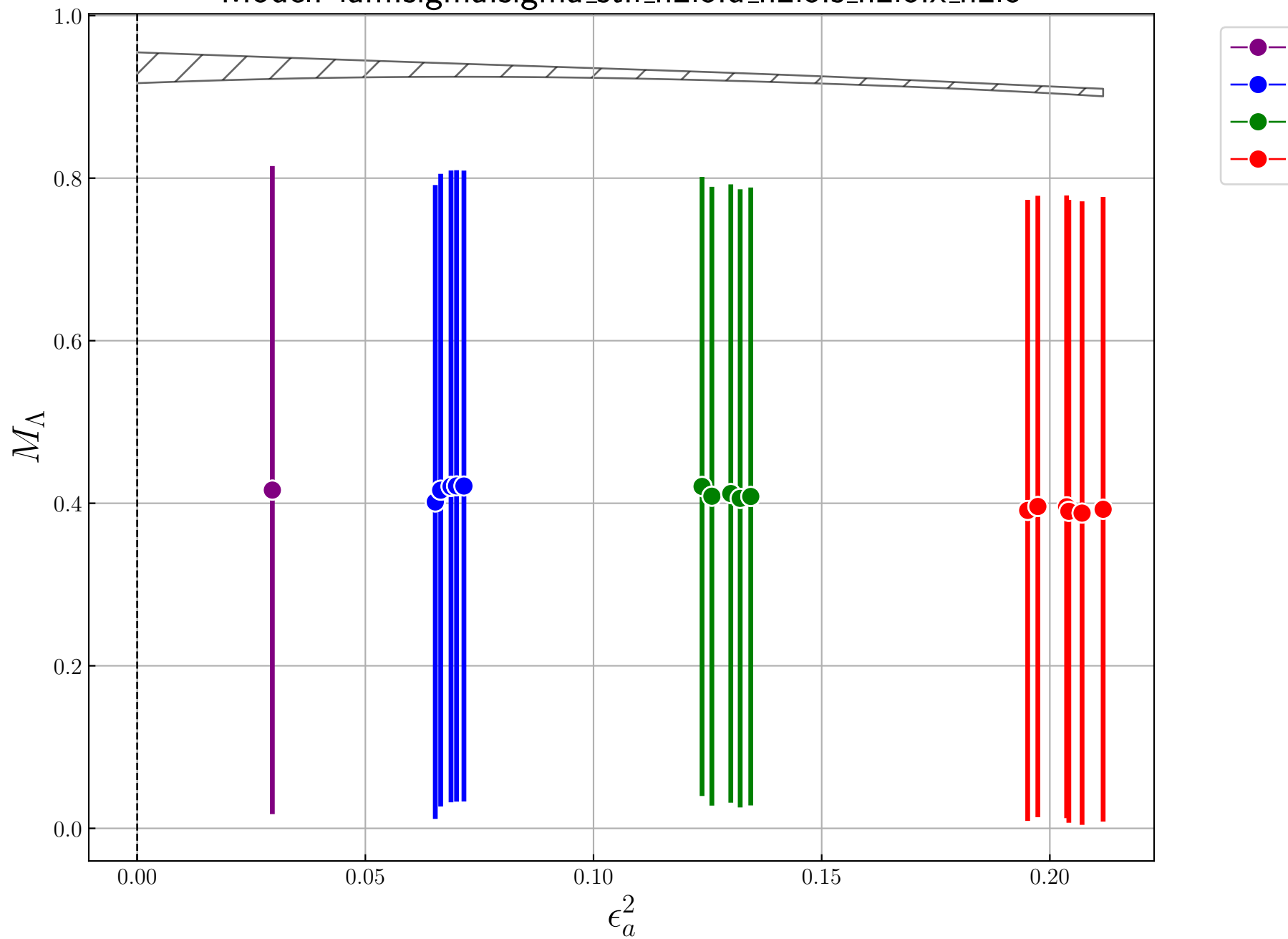
a_lambda,33 0.2 (3.0) [ 0.0 (4.0) ]
m_k 0 0.162017 (72) [ 0.162025 (73) ]
1 0.218528 (78) [ 0.218513 (78) ]
2 0.228698 (91) [ 0.228713 (91) ]
3 0.24108 (14) [ 0.24107 (14) ]
4 0.24700 (12) [ 0.24699 (12) ]
5 0.25524 (12) [ 0.25523 (13) ]
6 0.30198 (11) [ 0.30199 (11) ]
7 0.31025 (19) [ 0.31026 (19) ]
8 0.32404 (20) [ 0.32404 (21) ]
9 0.33333 (16) [ 0.33332 (16) ]
10 0.34321 (14) [ 0.34322 (14) ]
12 0.38690 (21) [ 0.38691 (21) ]
13 0.40482 (25) [ 0.40471 (25) ]
14 0.40381 (22) [ 0.40382 (22) ]
15 0.41415 (27) [ 0.41423 (28) ]
16 0.42750 (27) [ 0.42749 (27) ]
eps2_a 13 0.20366 (32) [ 0.20368 (32) ]
14 0.20417 (25) [ 0.20416 (25) ]
15 0.20708 (48) [ 0.20706 (48) ]
16 0.21167 (56) [ 0.21168 (56) ]
m_pi 0 0.094484 (58) [ 0.094488 (58) ]
1 0.059504 (63) [ 0.059495 (63) ]
2 0.097945 (63) [ 0.097953 (63) ]
3 0.14087 (12) [ 0.14086 (12) ]
5 0.18111 (15) [ 0.18110 (15) ]
8 0.18843 (17) [ 0.18842 (17) ]
9 0.21368 (20) [ 0.21369 (20) ]
11 0.102709 (69) [ 0.102710 (69) ]
13 0.23632 (29) [ 0.23634 (29) ]
15 0.26517 (30) [ 0.26524 (30) ]
16 0.30306 (31) [ 0.30305 (31) ]
lam_chi 0 0.3812 (10) [ 0.3807 (10) ]
1 0.5116 (12) [ 0.5126 (13) ]
2 0.53730 (97) [ 0.53679 (99) ]
3 0.57248 (83) [ 0.57265 (85) ]
4 0.5852 (10) [ 0.5854 (11) ]
5 0.60762 (93) [ 0.60777 (95) ]
6 0.7155 (13) [ 0.7152 (14) ]
7 0.7402 (15) [ 0.7400 (16) ]
8 0.7730 (13) [ 0.7729 (14) ]
9 0.7912 (17) [ 0.7914 (18) ]
10 0.8157 (13) [ 0.8152 (14) ]
11 0.8964 (14) [ 0.8963 (14) ]
12 0.9150 (10) [ 0.9149 (11) ]
13 0.9477 (11) [ 0.9487 (11) ]
14 0.9549 (17) [ 0.9545 (17) ]
15 0.9665 (14) [ 0.9656 (14) ]
16 0.9958 (15) [ 0.9960 (16) ]
eps_pi 0 0.24787 (69) [ 0.24820 (71) ]
1 0.11630 (32) [ 0.11604 (33) ]
2 0.18229 (37) [ 0.18248 (37) ]
3 0.24607 (43) [ 0.24598 (44) ]
4 0.26995 (56) [ 0.26984 (58) ]
5 0.29806 (53) [ 0.29798 (54) ]
6 0.11302 (32) [ 0.11306 (33) ]
7 0.18120 (38) [ 0.18125 (42) ]
8 0.24376 (49) [ 0.24380 (51) ]
9 0.27007 (65) [ 0.27002 (69) ]
10 0.29830 (50) [ 0.29845 (52) ]
11 0.11457 (19) [ 0.11459 (20) ]
12 0.18060 (30) [ 0.18062 (31) ]
13 0.24941 (35) [ 0.24916 (36) ]
14 0.24501 (46) [ 0.24511 (47) ]
15 0.27436 (50) [ 0.27469 (52) ]
16 0.30434 (53) [ 0.30429 (54) ]

```

Settings:

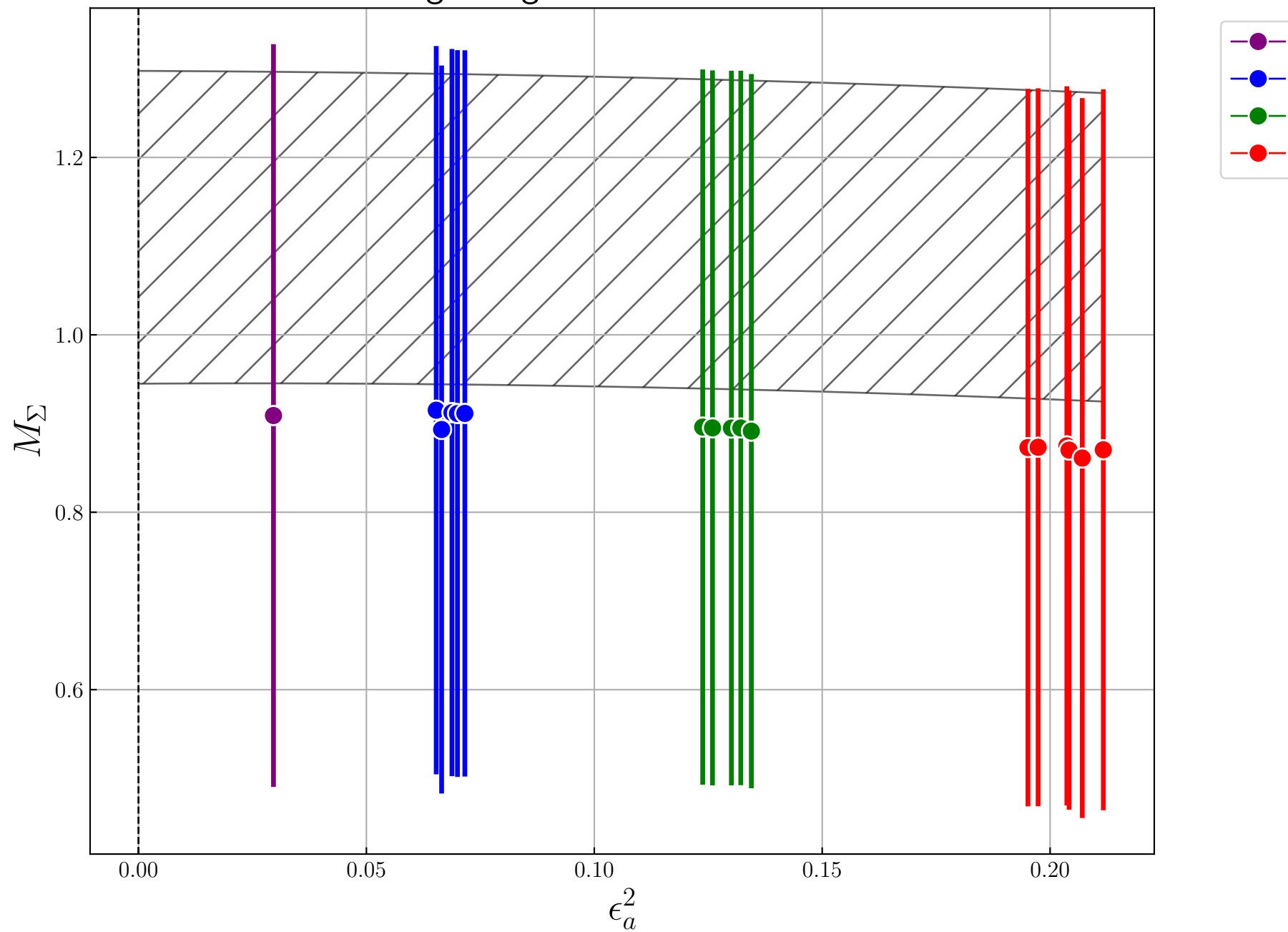
svdcut/n = 1e-12/0 tol = (1e-08,1e-10,1e-10) (itns/time = 1000\*/7.6)

Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:s\_n2lo:x\_n2lo

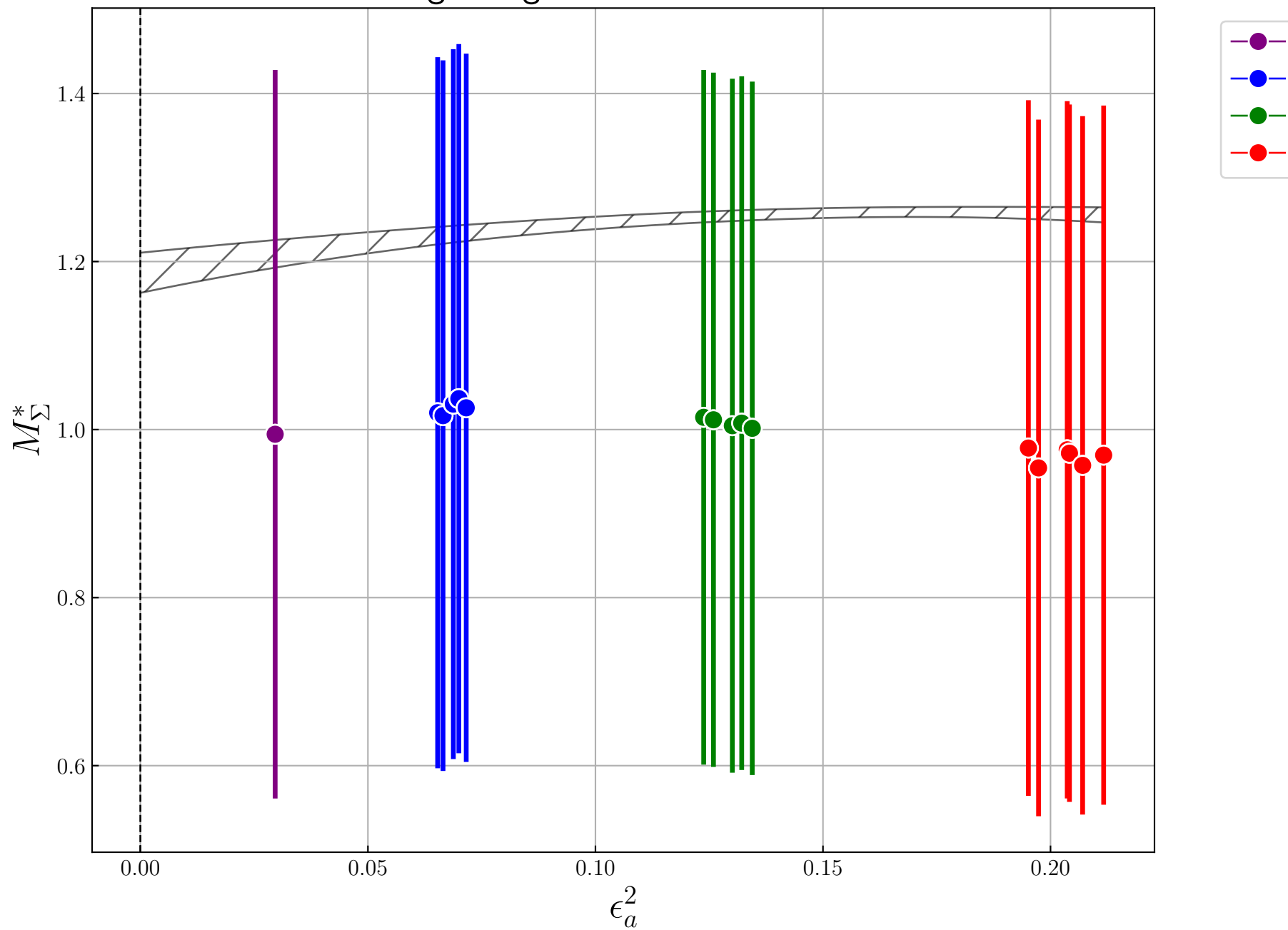




Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:s\_n2lo:x\_n2lo



Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:s\_n2lo:x\_n2lo



Parameters:

```

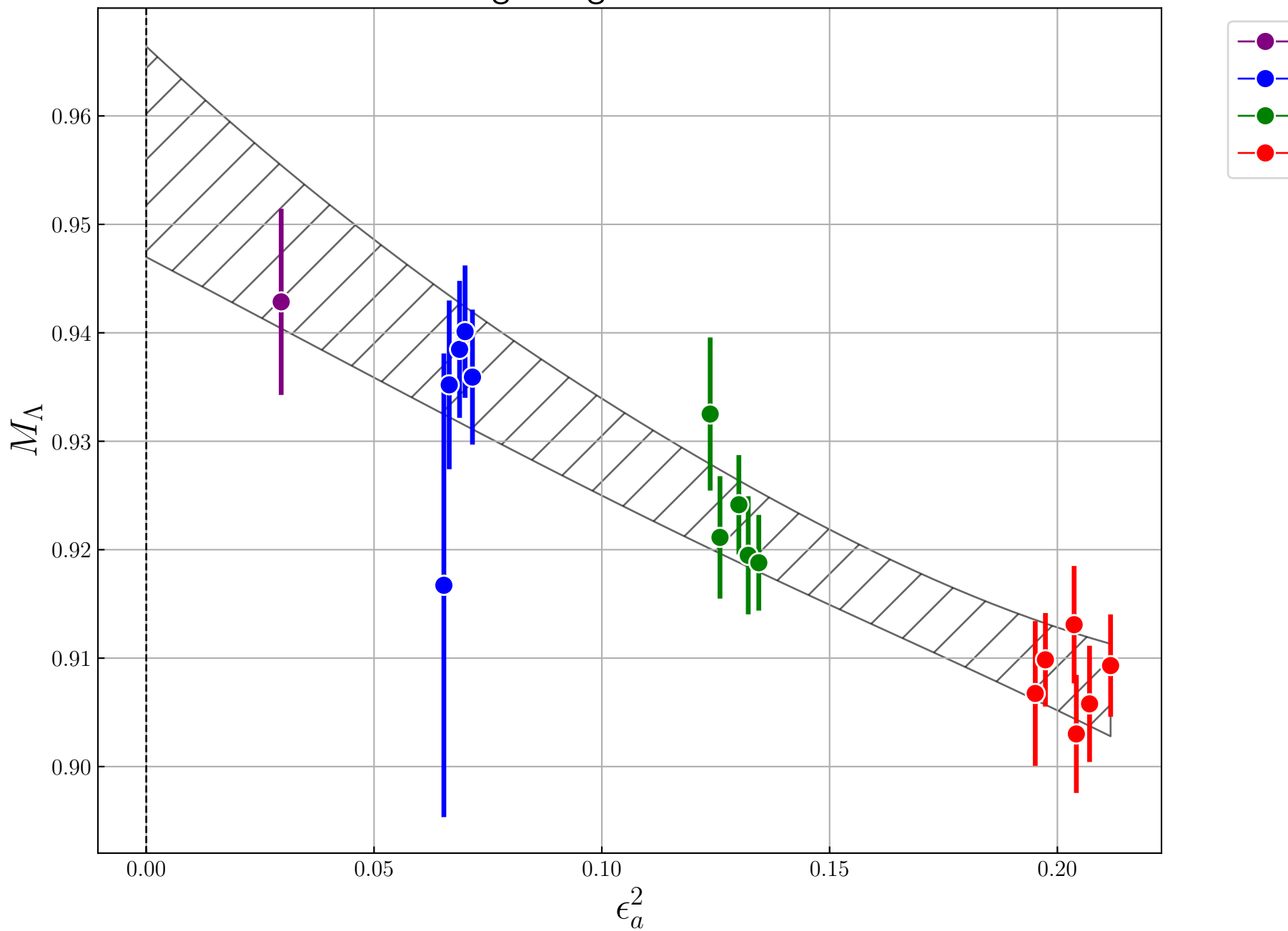
m_sigma,0 1.0659 (77) [ 1.4 (1.0) ]
s_sigma -2e-09 +- 2 [ 0.0 (2.0) ]
S_sigma -0.99 (15) [ 0.0 (2.0) ]
b_sigma,4 2.3 (1.4) [ 0.0 (5.0) ]
B_sigma,4 2e-16 +- 2 [ 0.0 (2.0) ]
d_sigma,a -0.460 (96) [ 0.0 (2.0) ]
d_sigma,aa 1.22 (34) [ 0.0 (4.0) ]
d_sigma,al 1.52 (69) [ 0.0 (4.0) ]
g_sigma,sigma -2e-19 +- 5 [ 0.0 (5.0) ]
g_lambda,sigma 1e-14 +- 5 [ 0.0 (5.0) ]
g_sigma,st,sigma -2e-18 +- 5 [ 0.0 (5.0) ]
m_lambda,0 0.953 (12) [ 1.3 (1.0) ]
m_sigma,st,0 1.211 (25) [ 1.5 (1.0) ]
s_sigma,bar 9e-08 +- 2 [ 0.0 (2.0) ]
S_sigma,bar -1.03 (34) [ 0.0 (2.0) ]
b_sigma,st,4 4.3 (2.5) [ 0.0 (5.0) ]
d_sigma,st,a 0.56 (29) [ 0.0 (2.0) ]
d_sigma,st,aa -1.10 (91) [ 0.0 (4.0) ]
d_sigma,st,al -1.6 (1.5) [ 0.0 (4.0) ]
g_sigma,st,sigma_st 1e-17 +- 5 [ 0.0 (5.0) ]
g_lambda,sigma_st -0.0002 +- 4.9 [ 0.0 (5.0) ]
S_lambda 0.29 (24) [ 3.0 (2.0) ] *
b_lambda,4 -2.3 (1.7) [ 0.0 (5.0) ]
B_lambda,4 8e-16 +- 5 [ 0.0 (5.0) ]
d_lambda,a -0.33 (11) [ 0.0 (2.0) ]
d_lambda,aa 0.34 (35) [ 0.0 (4.0) ]
d_lambda,al 1.65 (81) [ 0.0 (4.0) ]
eps2_a 1 0.065324 (70) [ 0.065325 (70) ]
13 0.20370 (32) [ 0.20368 (32) ]
15 0.20705 (48) [ 0.20706 (48) ]
16 0.21167 (56) [ 0.21168 (56) ]
m_pi 0 0.094490 (58) [ 0.094488 (58) ]
1 0.059494 (63) [ 0.059495 (63) ]
4 0.15797 (20) [ 0.15798 (20) ]
8 0.18843 (17) [ 0.18842 (17) ]
9 0.21368 (20) [ 0.21369 (20) ]
12 0.16527 (19) [ 0.16526 (19) ]
13 0.23632 (29) [ 0.23634 (29) ]
14 0.23399 (21) [ 0.23398 (21) ]
16 0.30306 (31) [ 0.30305 (31) ]
lam_chi 0 0.3806 (10) [ 0.3807 (10) ]
1 0.5127 (13) [ 0.5126 (13) ]
2 0.53677 (99) [ 0.53679 (99) ]
3 0.57266 (85) [ 0.57265 (85) ]
5 0.60777 (94) [ 0.60777 (95) ]
7 0.7399 (16) [ 0.7400 (16) ]
8 0.7728 (14) [ 0.7729 (14) ]
9 0.7915 (18) [ 0.7914 (18) ]
14 0.9544 (17) [ 0.9545 (17) ]
15 0.9655 (14) [ 0.9656 (14) ]
16 0.9959 (16) [ 0.9960 (16) ]
eps_pi 0 0.24826 (71) [ 0.24820 (71) ]
1 0.11603 (33) [ 0.11604 (33) ]
3 0.24597 (44) [ 0.24598 (44) ]
4 0.26982 (58) [ 0.26984 (58) ]
5 0.29797 (54) [ 0.29798 (54) ]
6 0.11307 (33) [ 0.11306 (33) ]
7 0.18127 (42) [ 0.18125 (42) ]
8 0.24381 (51) [ 0.24380 (51) ]
9 0.26997 (69) [ 0.27002 (69) ]
10 0.29846 (52) [ 0.29845 (52) ]
12 0.18063 (31) [ 0.18062 (31) ]
13 0.24912 (36) [ 0.24916 (36) ]
14 0.24516 (47) [ 0.24511 (47) ]
15 0.27471 (52) [ 0.27469 (52) ]

```

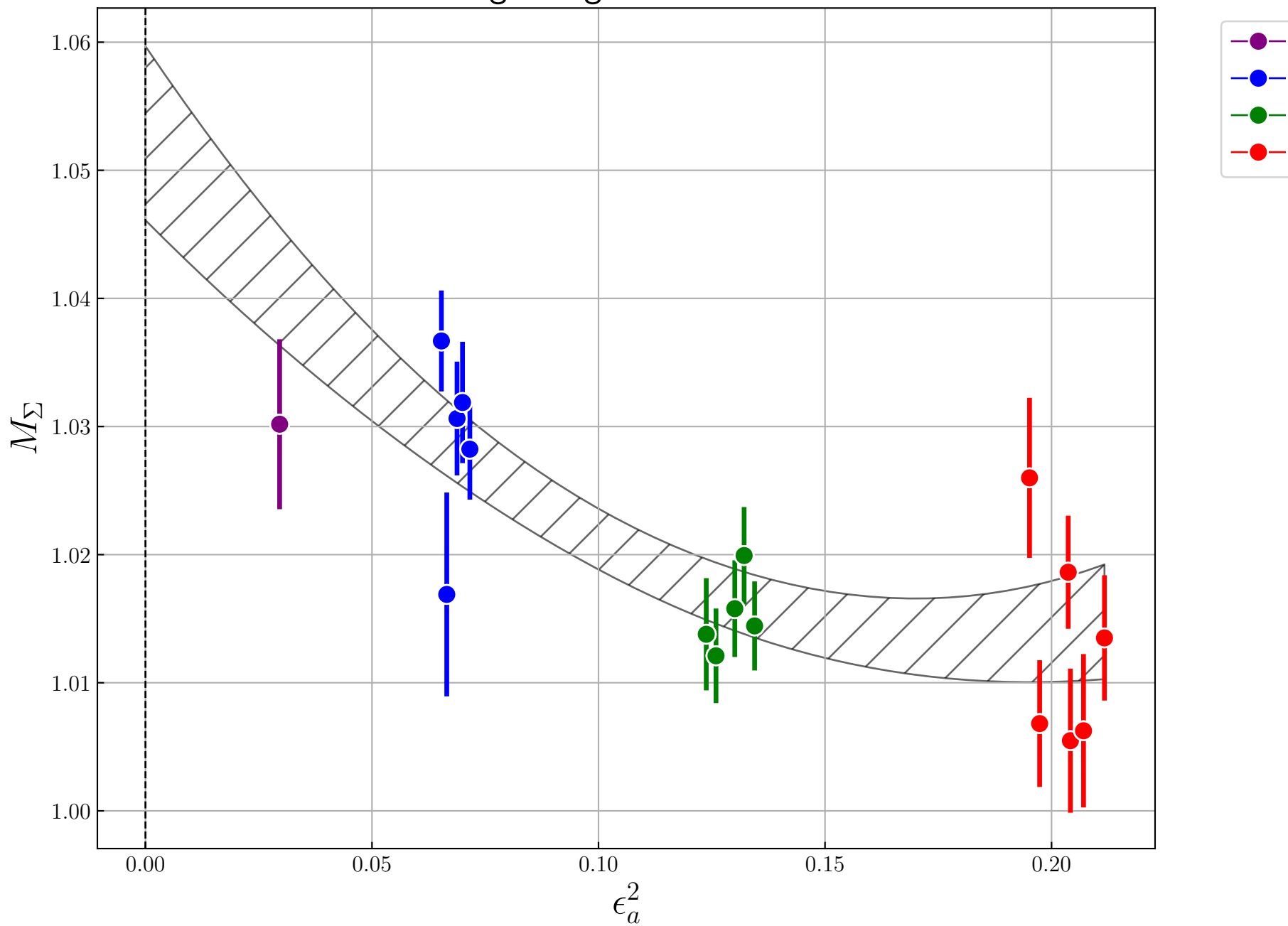
Settings:

svdcut/n = 1e-12/0 tol = (1e-08,1e-10,1e-10) (itns/time = 1000\*/5.7)

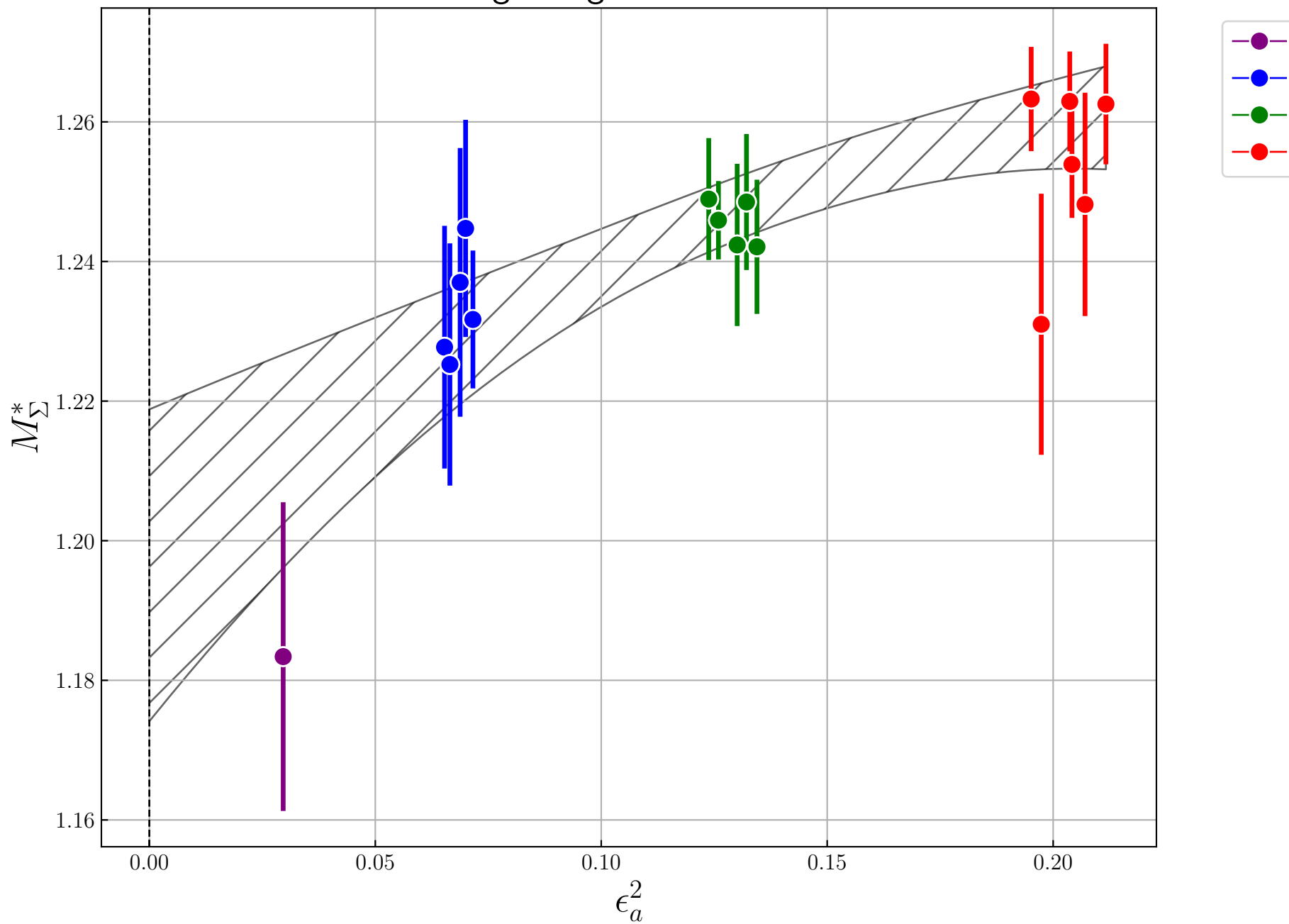
Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:x\_nlo



Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:x\_nlo



Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:x\_nlo



chi2/dof [dof] = 1.3 [51] Q = 0.11 logGBF = 129.8

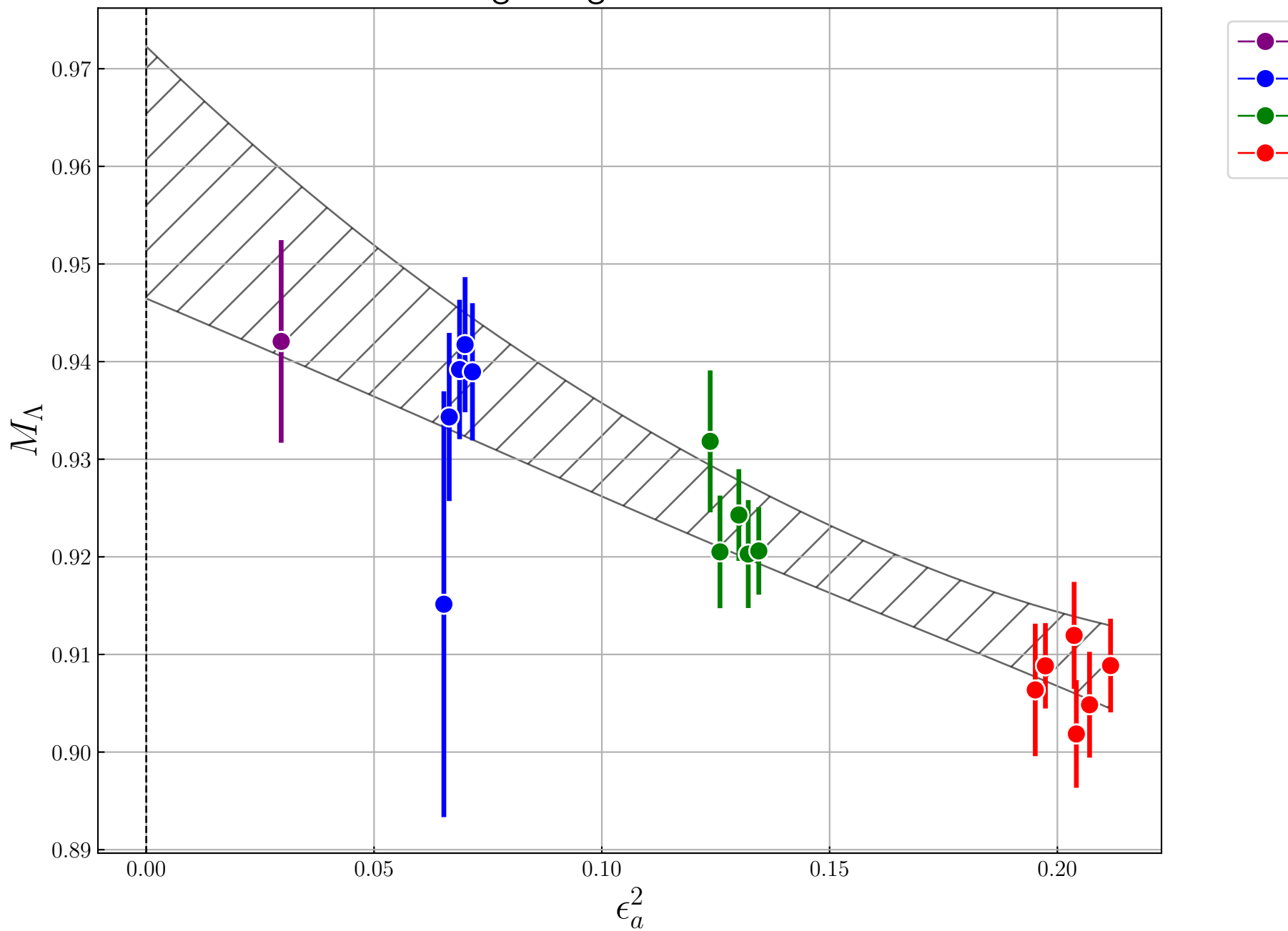
Parameters:

m\_sigma,0 1.0646 (80) [ 1.4 (1.0) ]  
s\_sigma -0.05 (2.00) [ 0.0 (2.0) ]  
S\_sigma -0.94 (15) [ 0.0 (2.0) ]  
b\_sigma,4 1.9 (1.3) [ 0.0 (5.0) ]  
B\_sigma,4 3e-16 +- 2 [ 0.0 (2.0) ]  
d\_sigma,a -0.454 (98) [ 0.0 (2.0) ]  
d\_sigma,aa 1.21 (34) [ 0.0 (4.0) ]  
d\_sigma,al 1.37 (67) [ 0.0 (4.0) ]  
g\_sigma,sigma 7e-19 +- 5 [ 0.0 (5.0) ]  
g\_lambda,sigma 0.29 (29) [ 0.0 (5.0) ]  
g\_sigma\_st,sigma -2e-19 +- 5 [ 0.0 (5.0) ]  
m\_lambda,0 0.956 (15) [ 1.3 (1.0) ]  
m\_sigma\_st,0 1.216 (25) [ 1.5 (1.0) ]  
s\_sigma,bar -3e-10 +- 2 [ 0.0 (2.0) ]  
S\_sigma,bar -1.18 (34) [ 0.0 (2.0) ]  
b\_sigma\_st,4 4.2 (2.4) [ 0.0 (5.0) ]  
d\_sigma\_st,a 0.62 (28) [ 0.0 (2.0) ]  
d\_sigma\_st,aa -1.63 (89) [ 0.0 (4.0) ]  
d\_sigma\_st,al -0.6 (1.4) [ 0.0 (4.0) ]  
g\_sigma\_st,sigma\_st 3e-17 +- 5 [ 0.0 (5.0) ]  
g\_lambda,sigma\_st 2e-05 +- 5 [ 0.0 (5.0) ]  
s\_lambda 3.1 (2.0) [ 3.0 (2.0) ]  
S\_lambda 0.31 (24) [ 3.0 (2.0) ] \*  
b\_lambda,4 -2.6 (1.6) [ 0.0 (5.0) ]  
B\_lambda,4 2e-15 +- 5 [ 0.0 (5.0) ]  
d\_lambda,a -0.35 (14) [ 0.0 (2.0) ]  
d\_lambda,aa 0.40 (45) [ 0.0 (4.0) ]  
d\_lambda,al 2.16 (76) [ 0.0 (4.0) ]  
eps2\_a 1 0.065324 (70) [ 0.065325 (70) ]  
13 0.20370 (32) [ 0.20368 (32) ]  
15 0.20704 (48) [ 0.20706 (48) ]  
16 0.21165 (56) [ 0.21168 (56) ]  
m\_pi 0 0.094489 (58) [ 0.094488 (58) ]  
1 0.059494 (63) [ 0.059495 (63) ]  
8 0.18843 (17) [ 0.18842 (17) ]  
9 0.21368 (20) [ 0.21369 (20) ]  
12 0.16527 (19) [ 0.16526 (19) ]  
13 0.23632 (29) [ 0.23634 (29) ]  
15 0.26525 (30) [ 0.26524 (30) ]  
16 0.30306 (31) [ 0.30305 (31) ]  
lam\_chi 0 0.3806 (10) [ 0.3807 (10) ]  
1 0.5127 (13) [ 0.5126 (13) ]  
2 0.53677 (99) [ 0.53679 (99) ]  
3 0.57268 (85) [ 0.57265 (85) ]  
5 0.60776 (94) [ 0.60777 (95) ]  
7 0.7399 (16) [ 0.7400 (16) ]  
8 0.7727 (14) [ 0.7729 (14) ]  
9 0.7916 (18) [ 0.7914 (18) ]  
10 0.8153 (14) [ 0.8152 (14) ]  
15 0.9655 (14) [ 0.9656 (14) ]  
16 0.9959 (16) [ 0.9960 (16) ]  
eps\_pi 0 0.24825 (71) [ 0.24820 (71) ]  
1 0.11603 (33) [ 0.11604 (33) ]  
3 0.24596 (44) [ 0.24598 (44) ]  
4 0.26983 (58) [ 0.26984 (58) ]  
6 0.11307 (33) [ 0.11306 (33) ]  
7 0.18126 (42) [ 0.18125 (42) ]  
8 0.24386 (51) [ 0.24380 (51) ]  
9 0.26991 (69) [ 0.27002 (69) ]  
12 0.18064 (31) [ 0.18062 (31) ]  
13 0.24911 (36) [ 0.24916 (36) ]  
14 0.24512 (47) [ 0.24511 (47) ]  
15 0.27473 (52) [ 0.27469 (52) ]  
16 0.30430 (54) [ 0.30429 (54) ]

Settings:

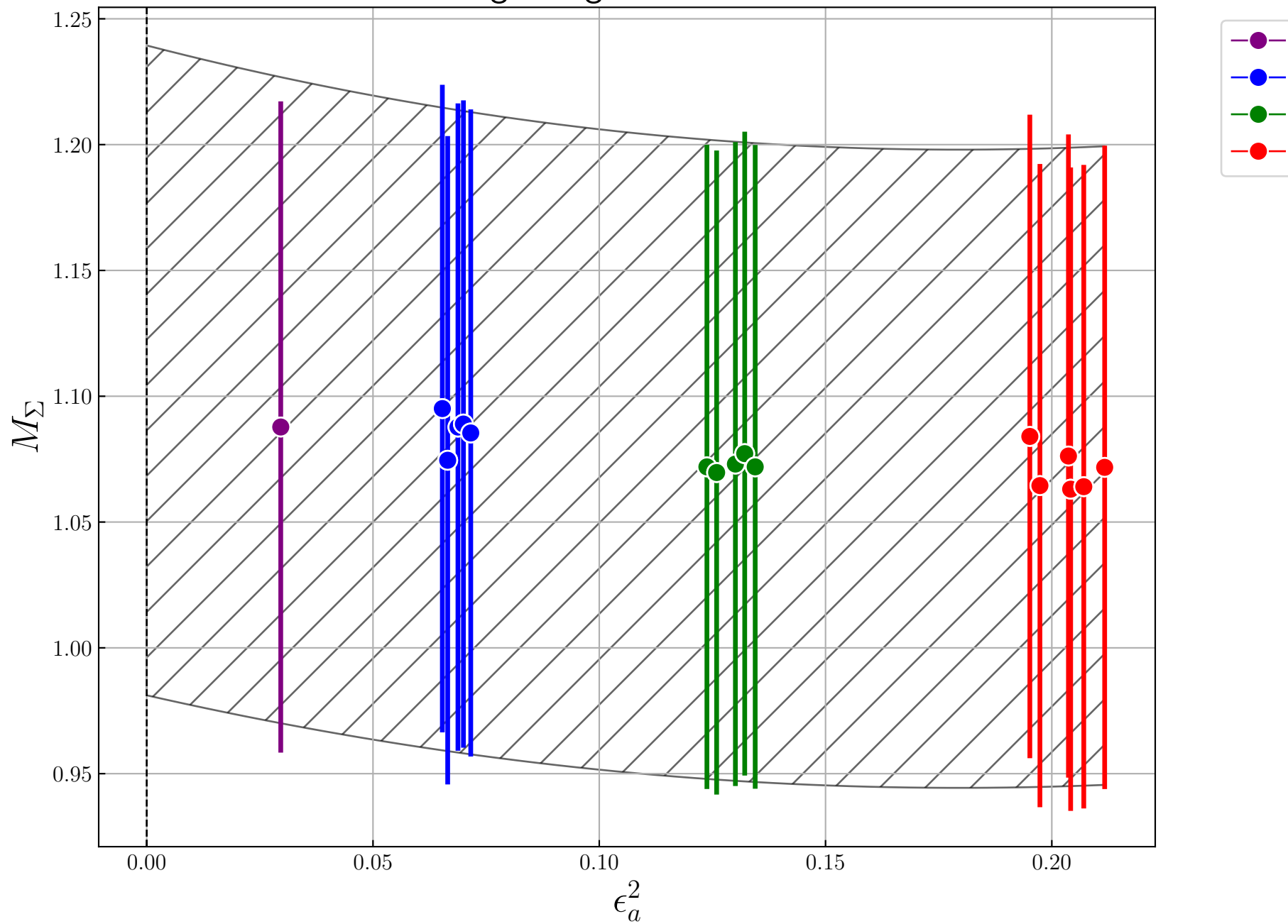
svdcut/n = 1e-12/0 tol = (1e-08,1e-10,1e-10) (itns/time = 1000\*/5.9)

Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:x\_nlo

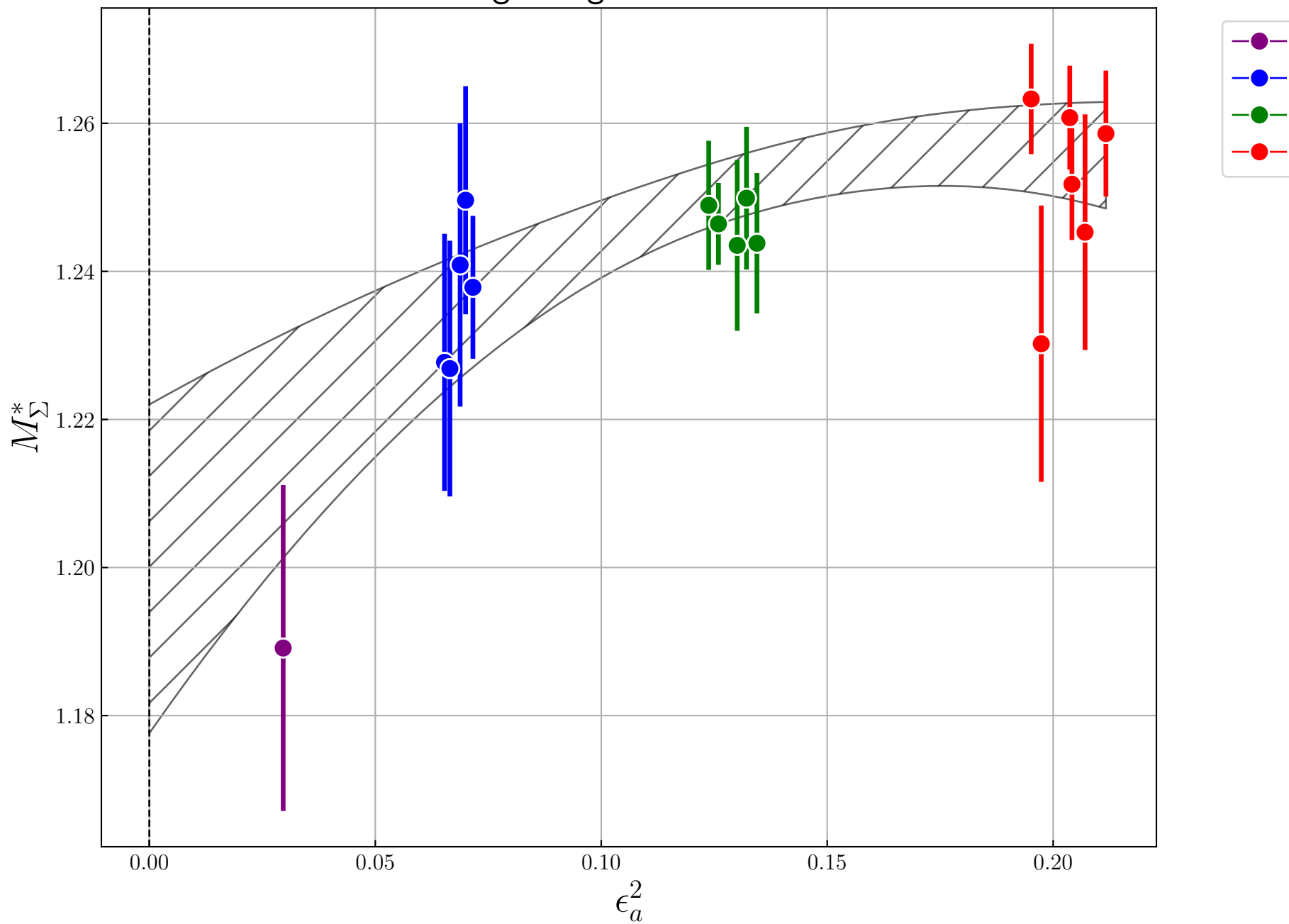




Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:x\_nlo



Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:x\_nlo



```

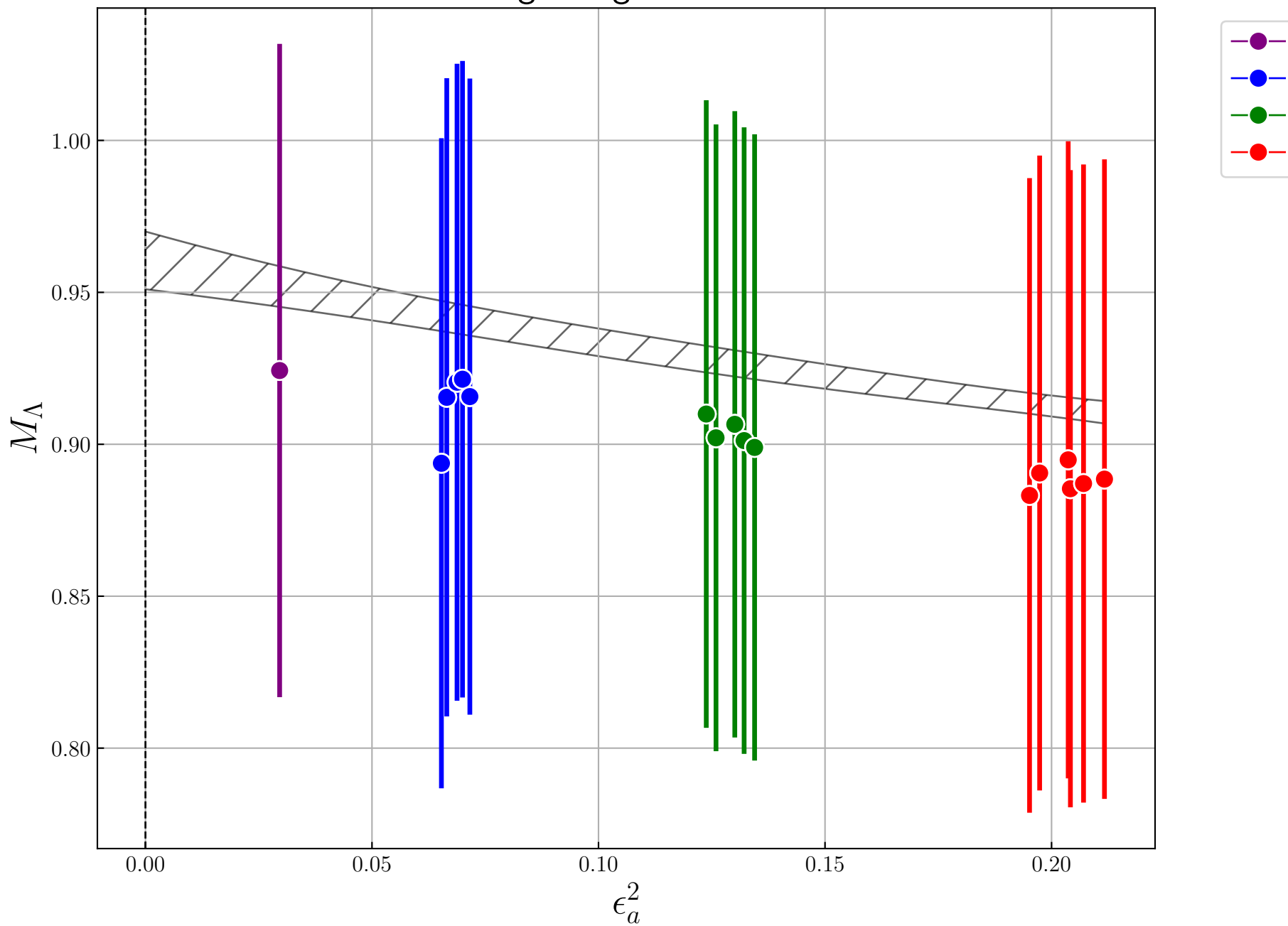
d_sigma_st,a 0.51 (32) [ 0.0 (2.0) ]
d_sigma_st,aa -2.8 (1.1) [ 0.0 (4.0) ]
d_sigma_st,al -1.3 (1.5) [ 0.0 (4.0) ]
d_sigma_st,s 1.03 (38) [ 0.0 (2.0) ]
m_k 0 0.162012 (72) [ 0.162025 (73) ]
1 0.218528 (78) [ 0.218513 (78) ]
2 0.228695 (90) [ 0.228713 (91) ]
3 0.24109 (14) [ 0.24107 (14) ]
4 0.24700 (12) [ 0.24699 (12) ]
5 0.25524 (12) [ 0.25523 (13) ]
6 0.30198 (11) [ 0.30199 (11) ]
7 0.31025 (19) [ 0.31026 (19) ]
8 0.32405 (20) [ 0.32404 (21) ]
10 0.34320 (14) [ 0.34322 (14) ]
12 0.38689 (21) [ 0.38691 (21) ]
13 0.40485 (25) [ 0.40471 (25) ]
14 0.40381 (22) [ 0.40382 (22) ]
15 0.41411 (27) [ 0.41423 (28) ]
16 0.42750 (26) [ 0.42749 (27) ]
eps2_a 13 0.20365 (32) [ 0.20368 (32) ]
14 0.20417 (25) [ 0.20416 (25) ]
15 0.20710 (48) [ 0.20706 (48) ]
16 0.21167 (56) [ 0.21168 (56) ]
m_pi 0 0.094480 (58) [ 0.094488 (58) ]
1 0.059505 (62) [ 0.059495 (63) ]
2 0.097943 (63) [ 0.097953 (63) ]
3 0.14088 (12) [ 0.14086 (12) ]
5 0.18111 (15) [ 0.18110 (15) ]
8 0.18843 (17) [ 0.18842 (17) ]
11 0.102709 (69) [ 0.102710 (69) ]
13 0.23632 (29) [ 0.23634 (29) ]
15 0.26513 (30) [ 0.26524 (30) ]
16 0.30306 (31) [ 0.30305 (31) ]
lam_chi 0 0.38151 (99) [ 0.3807 (10) ]
1 0.5116 (12) [ 0.5126 (13) ]
2 0.53739 (97) [ 0.53679 (99) ]
3 0.57235 (81) [ 0.57265 (85) ]
4 0.58511 (99) [ 0.5854 (11) ]
5 0.60747 (90) [ 0.60777 (95) ]
6 0.7155 (13) [ 0.7152 (14) ]
7 0.7403 (14) [ 0.7400 (16) ]
8 0.7728 (13) [ 0.7729 (14) ]
9 0.7913 (16) [ 0.7914 (18) ]
10 0.8159 (13) [ 0.8152 (14) ]
11 0.8965 (13) [ 0.8963 (14) ]
12 0.9151 (10) [ 0.9149 (11) ]
13 0.9474 (10) [ 0.9487 (11) ] *
14 0.9548 (16) [ 0.9545 (17) ]
15 0.9668 (13) [ 0.9656 (14) ]
16 0.9958 (15) [ 0.9960 (16) ]
eps_pi 0 0.24763 (67) [ 0.24820 (71) ]
1 0.11630 (31) [ 0.11604 (33) ]
2 0.18226 (36) [ 0.18248 (37) ]
3 0.24614 (42) [ 0.24598 (44) ]
4 0.26997 (55) [ 0.26984 (58) ]
5 0.29814 (52) [ 0.29798 (54) ]
6 0.11302 (32) [ 0.11306 (33) ]
7 0.18117 (37) [ 0.18125 (42) ]
8 0.24383 (47) [ 0.24380 (51) ]
9 0.27004 (62) [ 0.27002 (69) ]
10 0.29820 (48) [ 0.29845 (52) ]
11 0.11457 (19) [ 0.11459 (20) ]
12 0.18059 (30) [ 0.18062 (31) ]
13 0.24950 (34) [ 0.24916 (36) ]
14 0.24504 (44) [ 0.24511 (47) ]
15 0.27423 (50) [ 0.27469 (52) ]
16 0.30433 (51) [ 0.30429 (54) ]

```

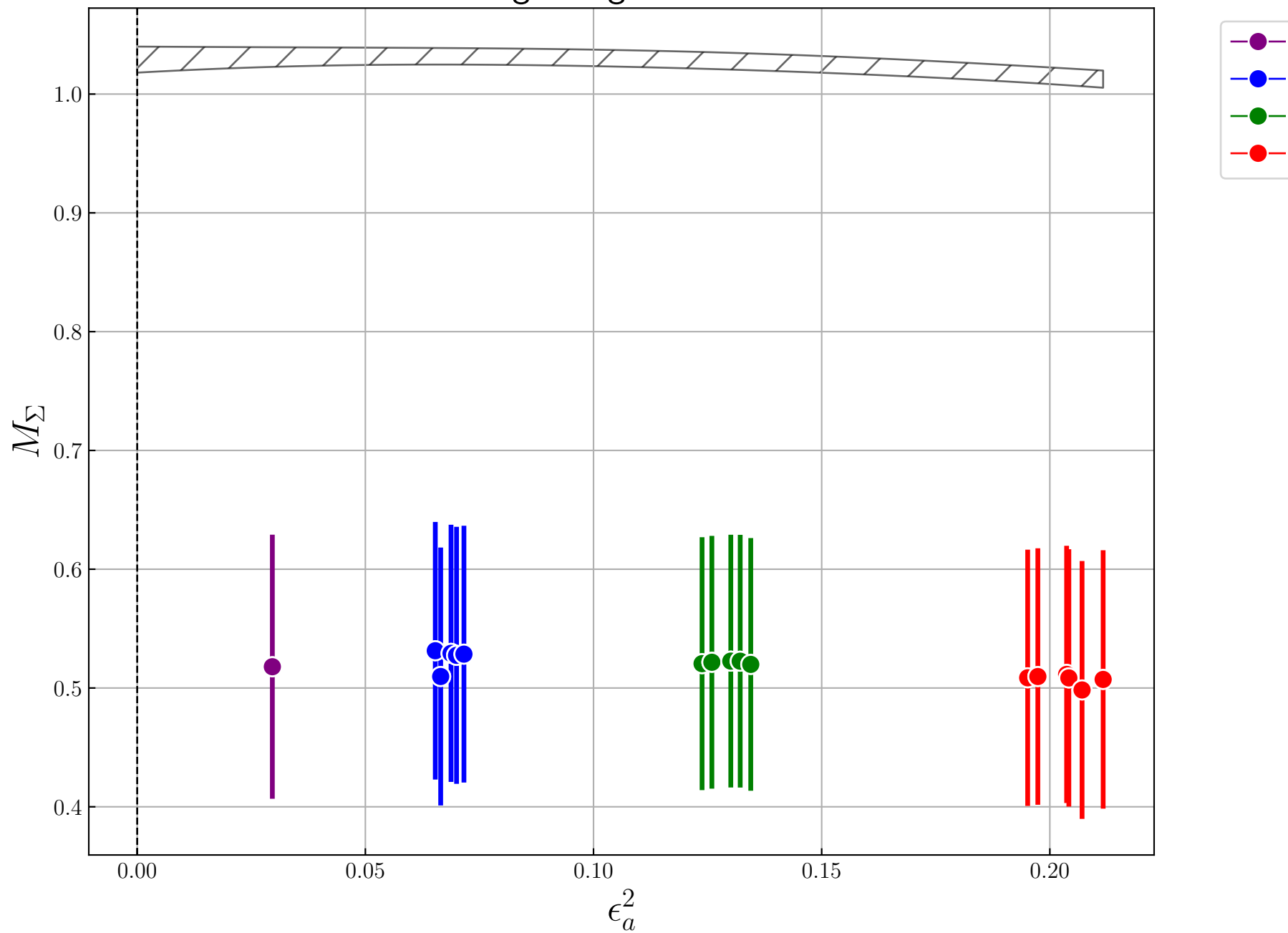
Settings:

svdcut/n = 1e-12/0 tol = (1e-08\*,1e-10,1e-10) (itns/time = 26/0.1)

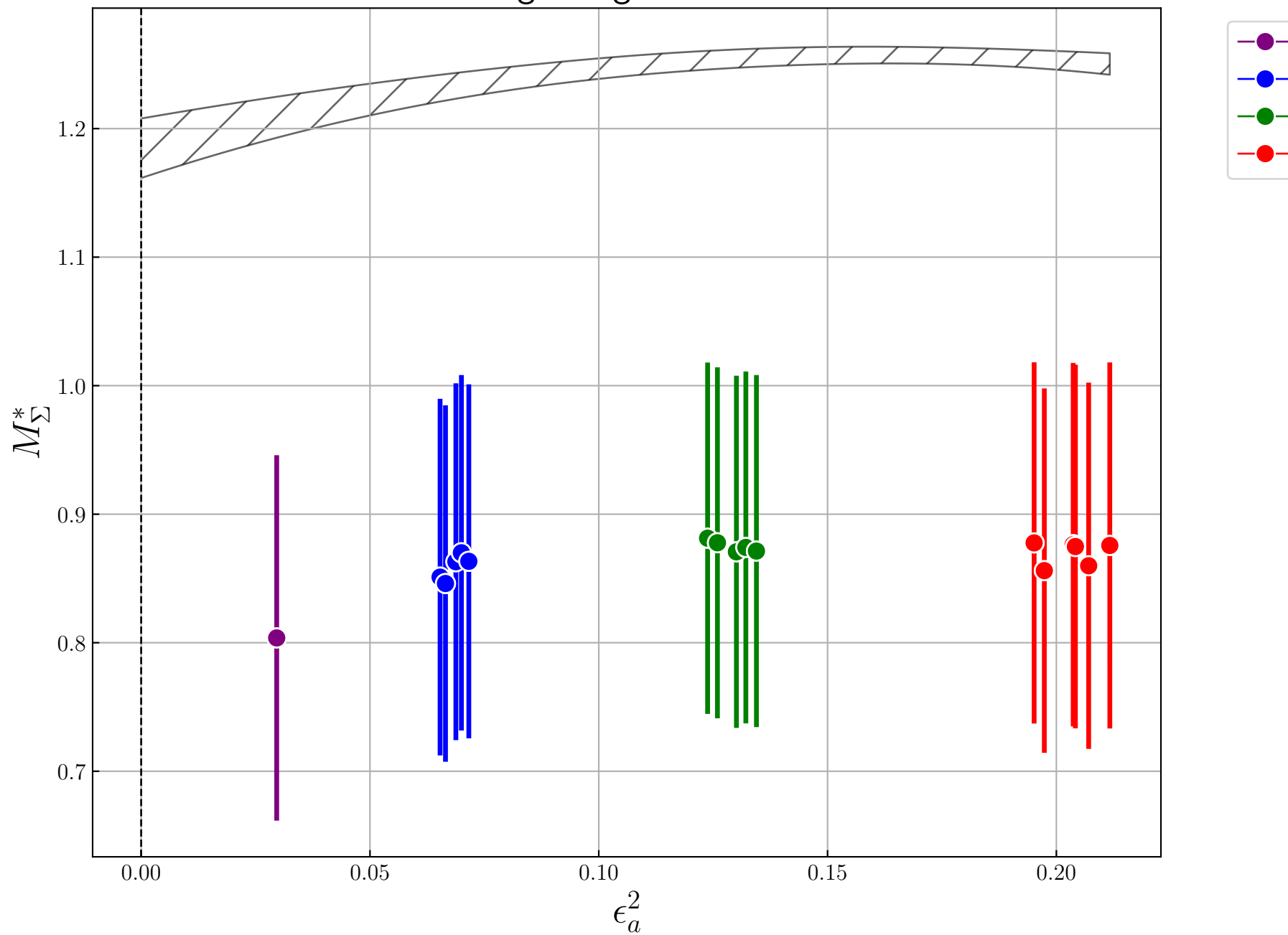
Model: lam:sigma:sigma\_st:l\_lo:d\_n2lo:s\_lo



Model: lam:sigma:sigma\_st:l\_lo:d\_n2lo:s\_lo



Model: lam:sigma:sigma\_st:l\_lo:d\_n2lo:s\_lo



```

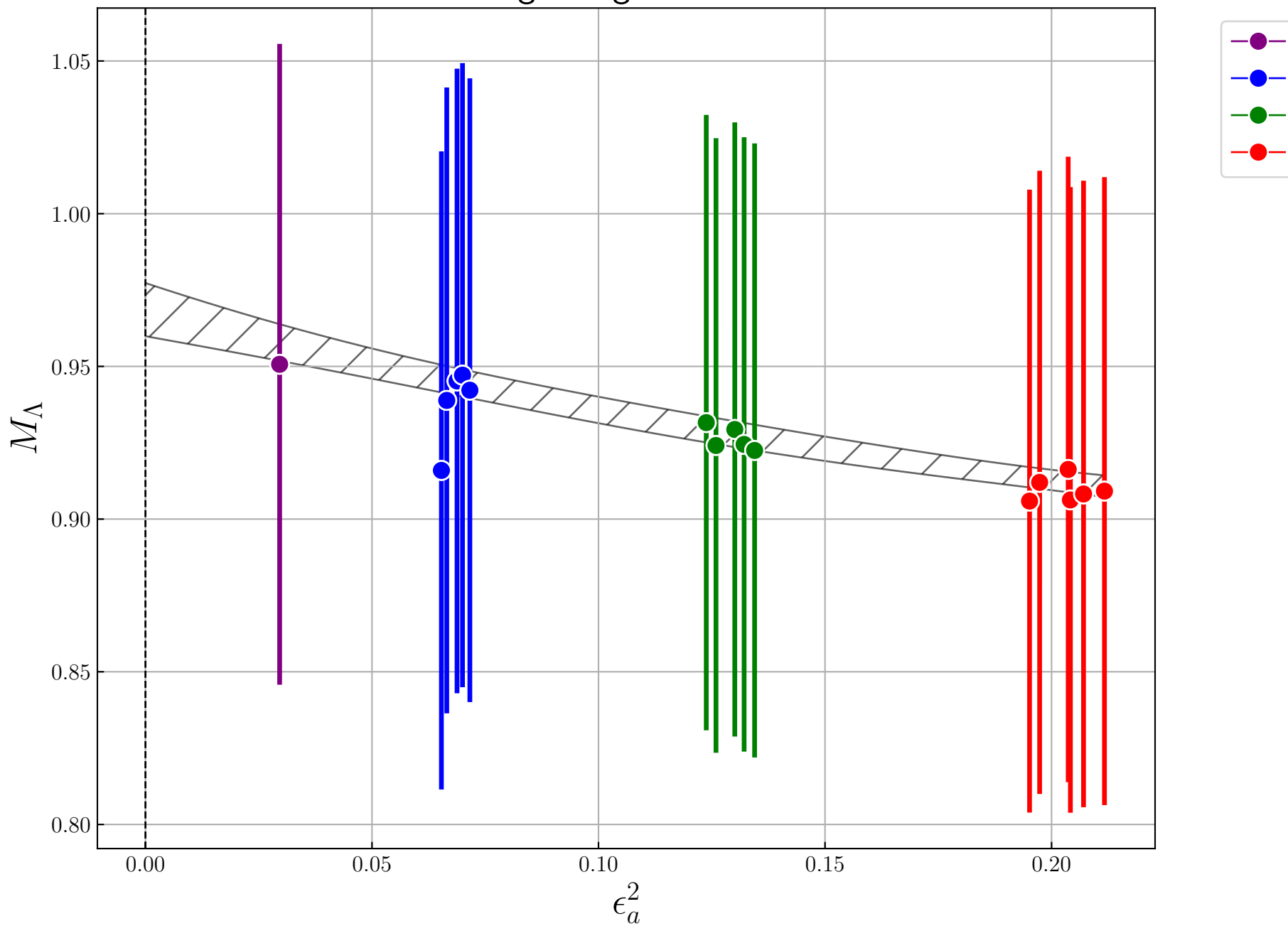
d_sigma_st,a 0.51 (31) [ 0.0 (2.0) ]
d_sigma_st,aa -2.9 (1.1) [ 0.0 (4.0) ]
d_sigma_st,al -1.0 (1.4) [ 0.0 (4.0) ]
d_sigma_st,s 0.95 (37) [ 0.0 (2.0) ]
m_k 0 0.162014 (72) [ 0.162025 (73) ]
1 0.218531 (78) [ 0.218513 (78) ]
2 0.228697 (90) [ 0.228713 (91) ]
3 0.24109 (14) [ 0.24107 (14) ]
4 0.24698 (12) [ 0.24699 (12) ]
5 0.25525 (12) [ 0.25523 (13) ]
6 0.30198 (11) [ 0.30199 (11) ]
8 0.32399 (20) [ 0.32404 (21) ]
9 0.33333 (16) [ 0.33332 (16) ]
12 0.38690 (21) [ 0.38691 (21) ]
13 0.40483 (25) [ 0.40471 (25) ]
14 0.40383 (22) [ 0.40382 (22) ]
15 0.41406 (27) [ 0.41423 (28) ]
16 0.42751 (26) [ 0.42749 (27) ]
eps2_a 5 0.07161 (20) [ 0.07160 (20) ]
13 0.20366 (32) [ 0.20368 (32) ]
15 0.20711 (48) [ 0.20706 (48) ]
16 0.21166 (56) [ 0.21168 (56) ]
m_pi 0 0.094482 (58) [ 0.094488 (58) ]
1 0.059506 (62) [ 0.059495 (63) ]
2 0.097944 (63) [ 0.097953 (63) ]
3 0.14088 (12) [ 0.14086 (12) ]
4 0.15797 (20) [ 0.15798 (20) ]
5 0.18112 (15) [ 0.18110 (15) ]
6 0.08087 (16) [ 0.08088 (16) ]
8 0.18841 (17) [ 0.18842 (17) ]
13 0.23633 (29) [ 0.23634 (29) ]
14 0.23399 (21) [ 0.23398 (21) ]
15 0.26510 (30) [ 0.26524 (30) ]
16 0.30306 (31) [ 0.30305 (31) ]
lam_chi 0 0.38135 (95) [ 0.3807 (10) ]
1 0.5114 (12) [ 0.5126 (13) ]
2 0.53731 (97) [ 0.53679 (99) ]
3 0.57233 (77) [ 0.57265 (85) ]
4 0.58571 (95) [ 0.5854 (11) ]
5 0.60734 (88) [ 0.60777 (95) ]
6 0.7156 (13) [ 0.7152 (14) ]
7 0.7399 (14) [ 0.7400 (16) ]
8 0.7737 (12) [ 0.7729 (14) ]
9 0.7908 (15) [ 0.7914 (18) ]
10 0.8153 (12) [ 0.8152 (14) ]
12 0.9151 (10) [ 0.9149 (11) ]
13 0.9476 (10) [ 0.9487 (11) ]
14 0.9540 (16) [ 0.9545 (17) ]
15 0.9674 (13) [ 0.9656 (14) ] *
16 0.9956 (14) [ 0.9960 (16) ]
eps_pi 0 0.24775 (65) [ 0.24820 (71) ]
1 0.11634 (31) [ 0.11604 (33) ]
2 0.18228 (36) [ 0.18248 (37) ]
3 0.24614 (40) [ 0.24598 (44) ]
4 0.26969 (54) [ 0.26984 (58) ]
5 0.29821 (51) [ 0.29798 (54) ]
6 0.11299 (32) [ 0.11306 (33) ]
7 0.18126 (36) [ 0.18125 (42) ]
8 0.24352 (44) [ 0.24380 (51) ]
9 0.27021 (59) [ 0.27002 (69) ]
10 0.29843 (46) [ 0.29845 (52) ]
11 0.11459 (19) [ 0.11459 (20) ]
12 0.18060 (30) [ 0.18062 (31) ]
13 0.24944 (34) [ 0.24916 (36) ]
14 0.24524 (43) [ 0.24511 (47) ]
15 0.27402 (48) [ 0.27469 (52) ] *
16 0.30439 (50) [ 0.30429 (54) ]

```

Settings:

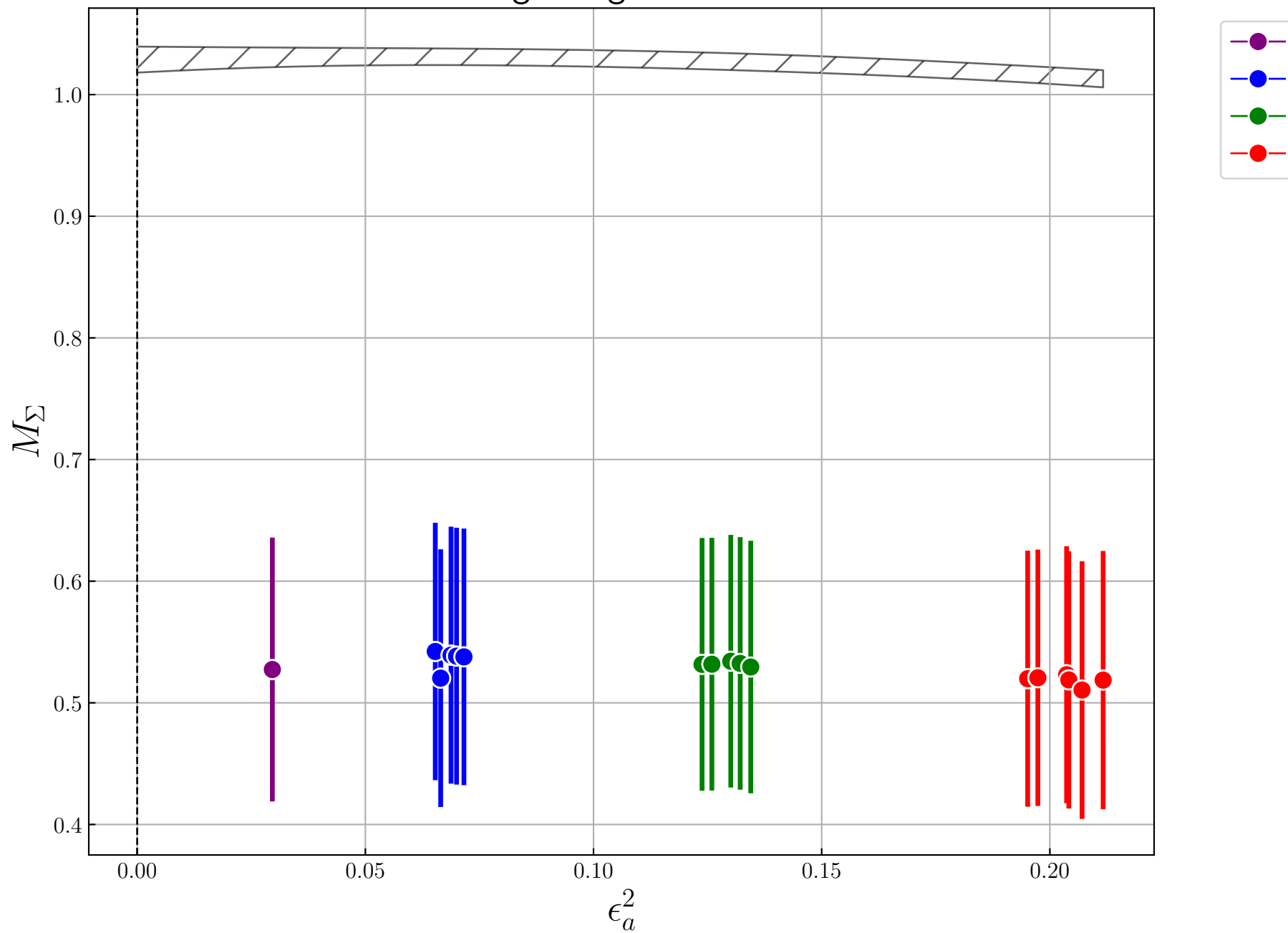
svdcut/n = 1e-12/0 tol = (1e-08\*,1e-10,1e-10) (itns/time = 27/0.1)

Model: lam:sigma:sigma\_st:l\_lo:d\_n2lo:s\_lo

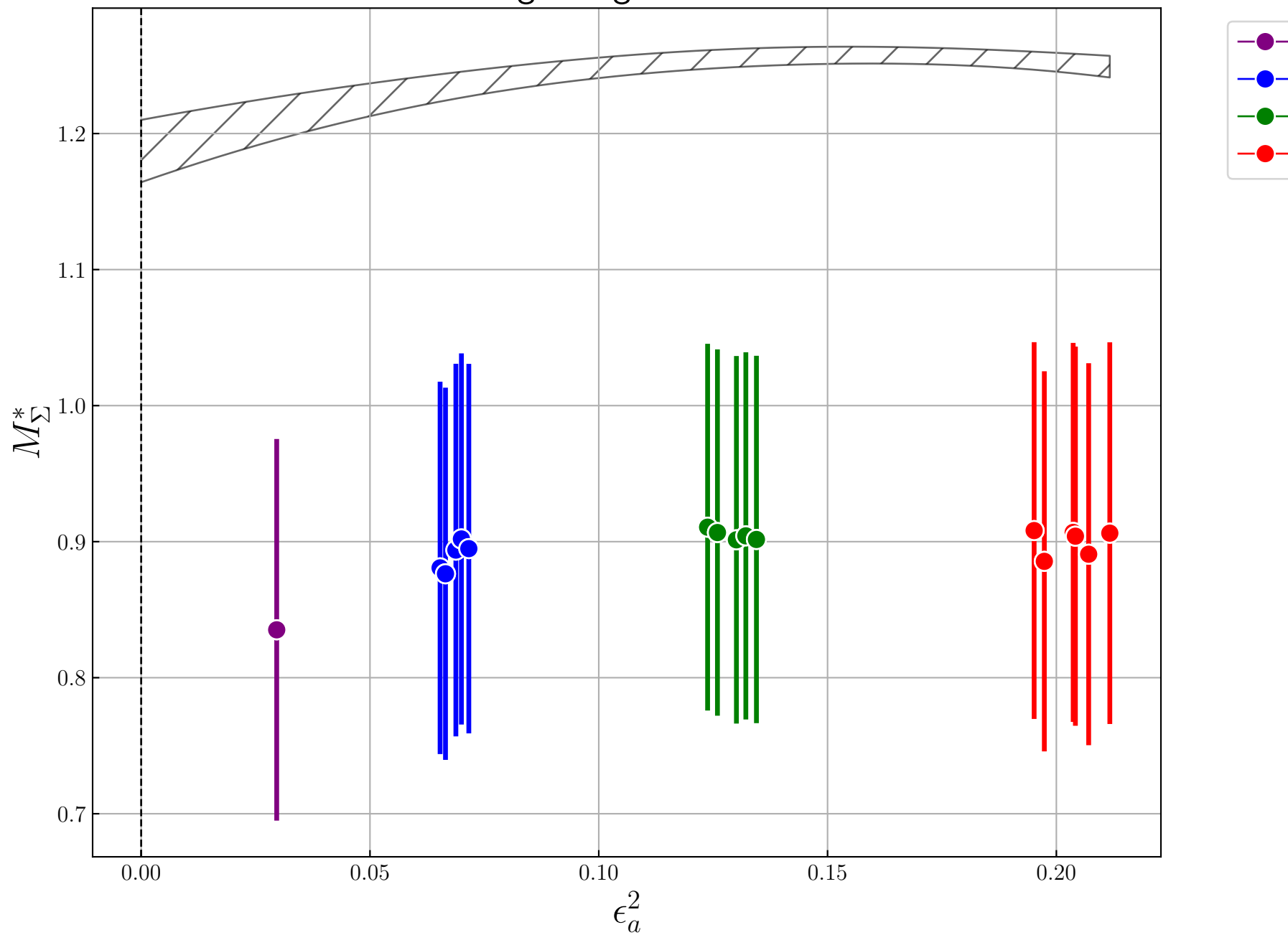




Model: lam:sigma:sigma\_st:l\_lo:d\_n2lo:s\_lo



Model: lam:sigma:sigma\_st:l\_lo:d\_n2lo:s\_lo



```

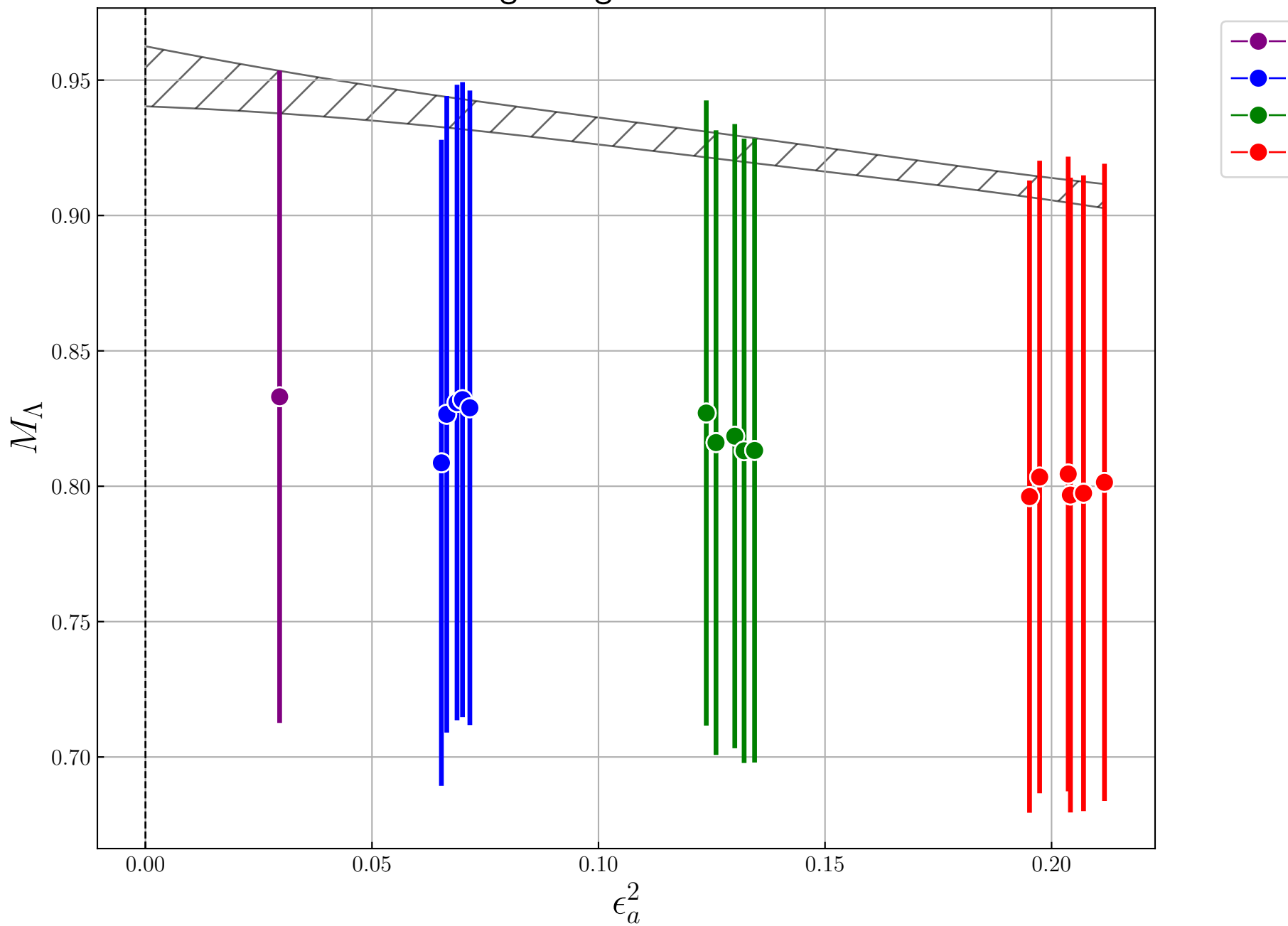
d_sigma_st,t 1.2 (2.0) [ 0.0 (0.0) ]
d_sigma_st,a 0.89 (32) [ 0.0 (2.0) ]
d_sigma_st,aa -2.7 (1.1) [ 0.0 (4.0) ]
d_sigma_st,al -1.3 (1.5) [ 0.0 (4.0) ]
d_sigma_st,s 0.96 (42) [ 0.0 (2.0) ]
m_k 0 0.162010 (72) [ 0.162025 (73) ]
1 0.218529 (78) [ 0.218513 (78) ]
2 0.228694 (90) [ 0.228713 (91) ]
3 0.24109 (14) [ 0.24107 (14) ]
4 0.24701 (12) [ 0.24699 (12) ]
5 0.25524 (12) [ 0.25523 (13) ]
7 0.31025 (19) [ 0.31026 (19) ]
8 0.32405 (20) [ 0.32404 (21) ]
10 0.34320 (14) [ 0.34322 (14) ]
12 0.38690 (21) [ 0.38691 (21) ]
13 0.40485 (25) [ 0.40471 (25) ]
14 0.40381 (22) [ 0.40382 (22) ]
15 0.41410 (27) [ 0.41423 (28) ]
16 0.42751 (26) [ 0.42749 (27) ]
eps2_a 13 0.20365 (32) [ 0.20368 (32) ]
14 0.20417 (25) [ 0.20416 (25) ]
15 0.20711 (48) [ 0.20706 (48) ]
16 0.21166 (56) [ 0.21168 (56) ]
m_pi 0 0.094479 (58) [ 0.094488 (58) ]
1 0.059505 (62) [ 0.059495 (63) ]
2 0.097942 (63) [ 0.097953 (63) ]
3 0.14088 (12) [ 0.14086 (12) ]
5 0.18111 (15) [ 0.18110 (15) ]
8 0.18843 (17) [ 0.18842 (17) ]
11 0.102708 (69) [ 0.102710 (69) ]
13 0.23632 (29) [ 0.23634 (29) ]
15 0.26512 (30) [ 0.26524 (30) ]
16 0.30307 (31) [ 0.30305 (31) ]
lam_chi 0 0.38159 (98) [ 0.3807 (10) ]
1 0.5116 (12) [ 0.5126 (13) ]
2 0.53744 (96) [ 0.53679 (99) ]
3 0.57234 (80) [ 0.57265 (85) ]
4 0.58505 (98) [ 0.5854 (11) ]
5 0.60743 (91) [ 0.60777 (95) ]
6 0.7154 (13) [ 0.7152 (14) ]
7 0.7403 (14) [ 0.7400 (16) ]
8 0.7728 (13) [ 0.7729 (14) ]
9 0.7915 (16) [ 0.7914 (18) ]
10 0.8160 (13) [ 0.8152 (14) ]
11 0.8965 (14) [ 0.8963 (14) ]
12 0.9150 (10) [ 0.9149 (11) ]
13 0.9474 (10) [ 0.9487 (11) ] *
14 0.9549 (16) [ 0.9545 (17) ]
15 0.9669 (13) [ 0.9656 (14) ]
16 0.9957 (15) [ 0.9960 (16) ]
eps_pi 0 0.24758 (67) [ 0.24820 (71) ]
1 0.11631 (31) [ 0.11604 (33) ]
2 0.18224 (36) [ 0.18248 (37) ]
3 0.24614 (42) [ 0.24598 (44) ]
4 0.27000 (55) [ 0.26984 (58) ]
5 0.29816 (52) [ 0.29798 (54) ]
6 0.11304 (32) [ 0.11306 (33) ]
7 0.18117 (37) [ 0.18125 (42) ]
8 0.24383 (47) [ 0.24380 (51) ]
9 0.26999 (62) [ 0.27002 (69) ]
10 0.29819 (48) [ 0.29845 (52) ]
11 0.11456 (19) [ 0.11459 (20) ]
12 0.18061 (30) [ 0.18062 (31) ]
13 0.24949 (34) [ 0.24916 (36) ]
14 0.24501 (44) [ 0.24511 (47) ]
15 0.27418 (49) [ 0.27469 (52) ]
16 0.30439 (52) [ 0.30429 (54) ]

```

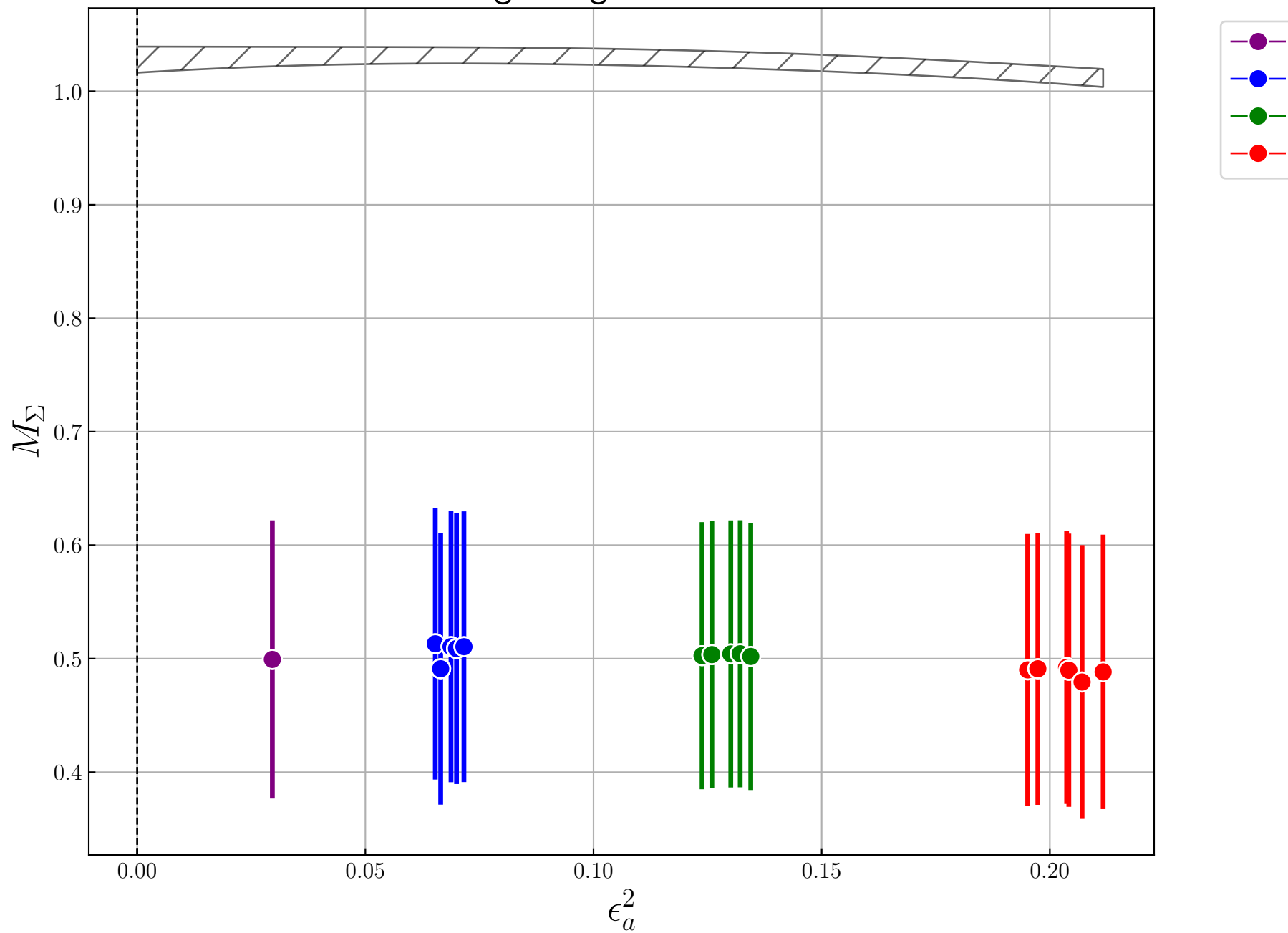
Settings:

svdcut/n = 1e-12/0 tol = (1e-08\*,1e-10,1e-10) (itns/time = 27/0.2)

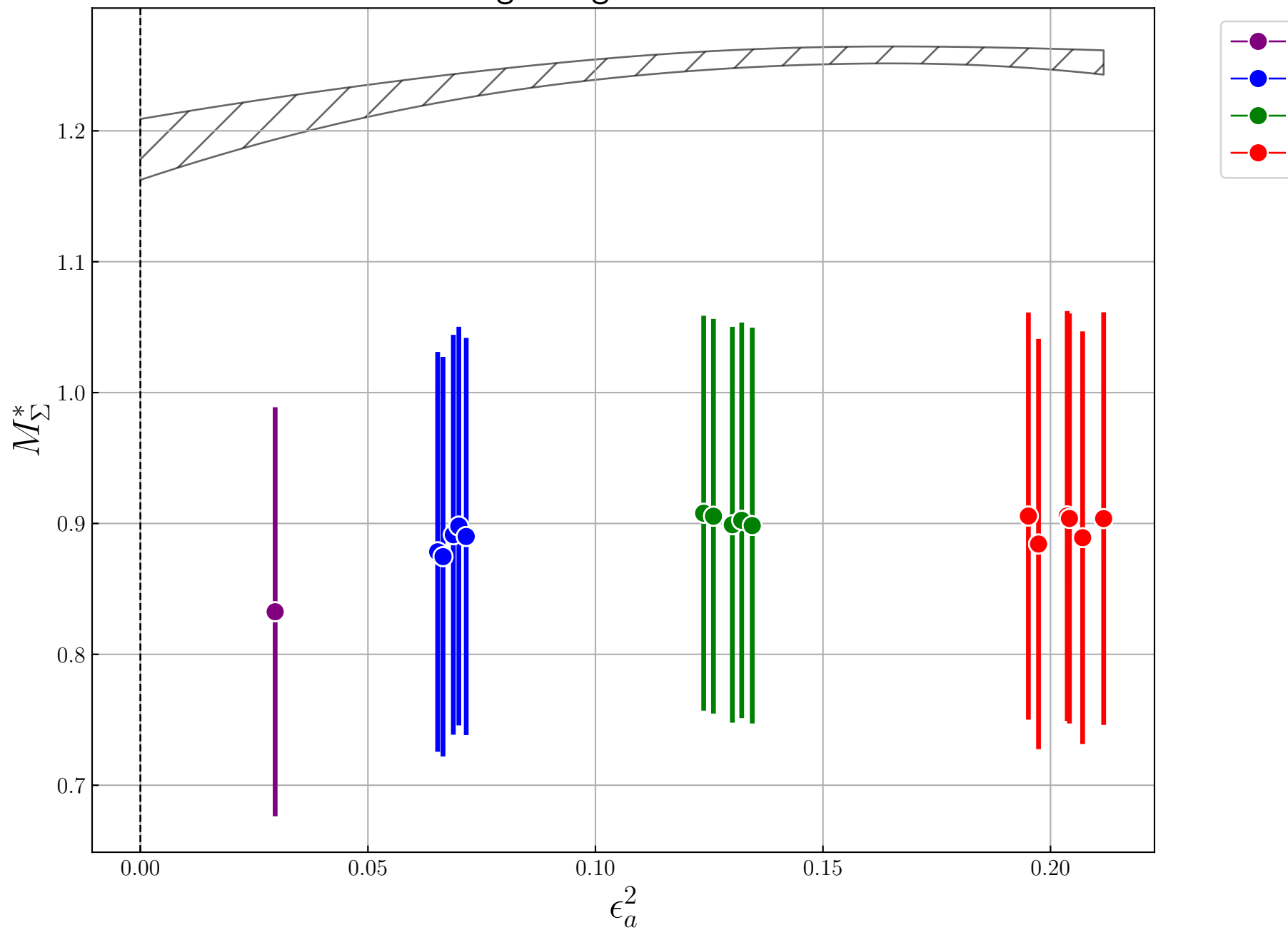
Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:s\_lo



Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:s\_lo



Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:s\_lo



```

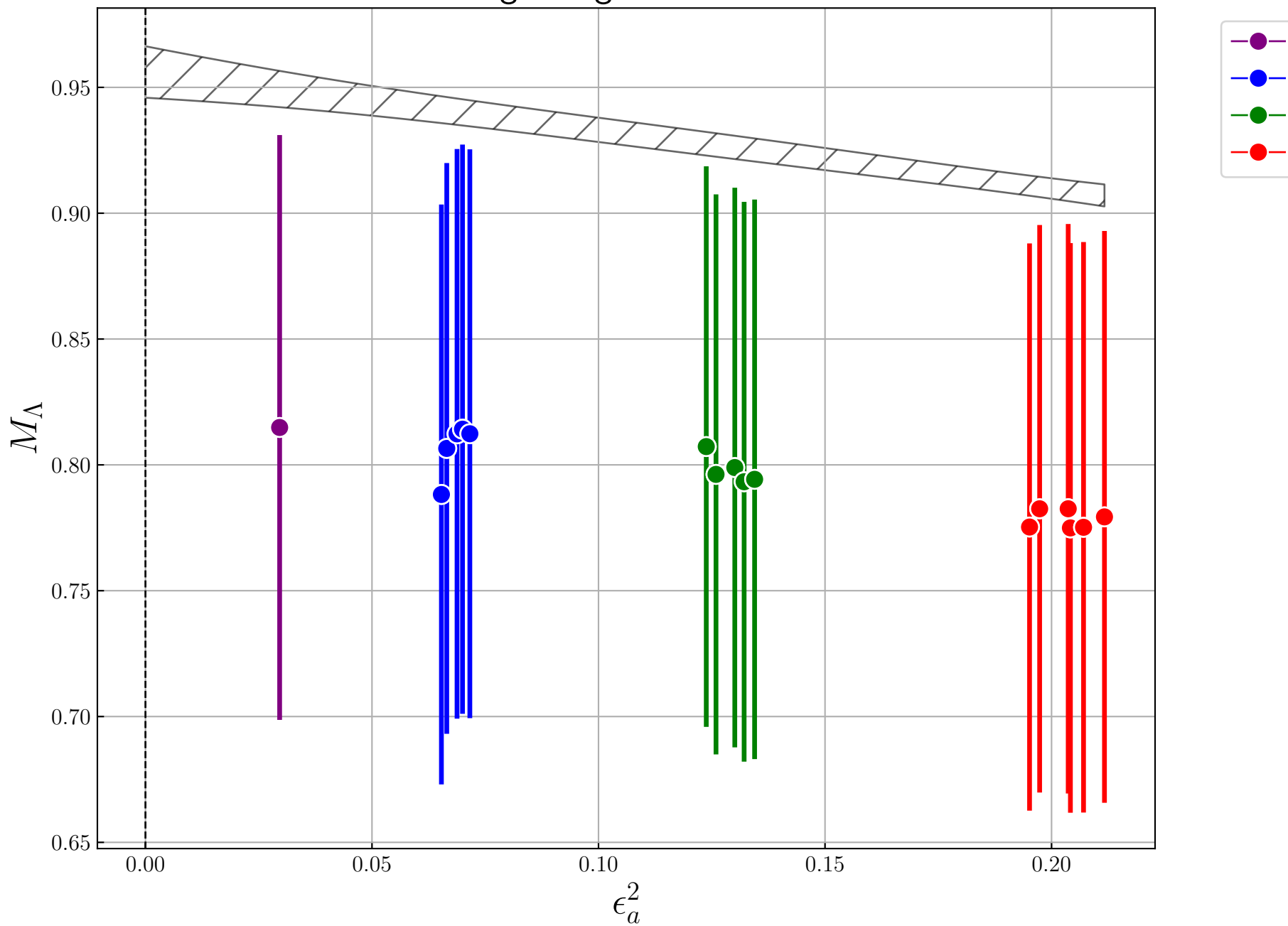
b_sigma_st,4 2.3 (2.7) [ 0.0 (5.0) ]
d_sigma_st,a 0.86 (32) [ 0.0 (2.0) ]
d_sigma_st,aa -2.6 (1.1) [ 0.0 (4.0) ]
d_sigma_st,al -1.2 (1.4) [ 0.0 (4.0) ]
d_sigma_st,s 0.76 (40) [ 0.0 (2.0) ]
m_k 0 0.162014 (72) [ 0.162025 (73) ]
1 0.218530 (78) [ 0.218513 (78) ]
2 0.228697 (91) [ 0.228713 (91) ]
3 0.24109 (14) [ 0.24107 (14) ]
5 0.25524 (12) [ 0.25523 (13) ]
6 0.30198 (11) [ 0.30199 (11) ]
7 0.31025 (19) [ 0.31026 (19) ]
8 0.32402 (20) [ 0.32404 (21) ]
9 0.33333 (16) [ 0.33332 (16) ]
10 0.34321 (14) [ 0.34322 (14) ]
12 0.38690 (21) [ 0.38691 (21) ]
13 0.40483 (25) [ 0.40471 (25) ]
15 0.41411 (27) [ 0.41423 (28) ]
16 0.42749 (26) [ 0.42749 (27) ]
eps2_a 13 0.20365 (32) [ 0.20368 (32) ]
14 0.20417 (25) [ 0.20416 (25) ]
15 0.20709 (48) [ 0.20706 (48) ]
m_pi 0 0.094482 (58) [ 0.094488 (58) ]
1 0.059506 (62) [ 0.059495 (63) ]
2 0.097944 (63) [ 0.097953 (63) ]
3 0.14088 (12) [ 0.14086 (12) ]
5 0.18111 (15) [ 0.18110 (15) ]
6 0.08087 (16) [ 0.08088 (16) ]
11 0.102709 (69) [ 0.102710 (69) ]
13 0.23632 (29) [ 0.23634 (29) ]
15 0.26513 (30) [ 0.26524 (30) ]
16 0.30306 (31) [ 0.30305 (31) ]
lam_chi 0 0.38135 (98) [ 0.3807 (10) ]
1 0.5115 (12) [ 0.5126 (13) ]
2 0.53733 (97) [ 0.53679 (99) ]
3 0.57233 (80) [ 0.57265 (85) ]
4 0.58541 (99) [ 0.5854 (11) ]
5 0.60752 (91) [ 0.60777 (95) ]
6 0.7156 (13) [ 0.7152 (14) ]
7 0.7403 (14) [ 0.7400 (16) ]
8 0.7732 (12) [ 0.7729 (14) ]
9 0.7908 (16) [ 0.7914 (18) ]
10 0.8155 (13) [ 0.8152 (14) ]
11 0.8964 (14) [ 0.8963 (14) ]
12 0.9151 (10) [ 0.9149 (11) ]
13 0.9476 (10) [ 0.9487 (11) ]
14 0.9544 (16) [ 0.9545 (17) ]
15 0.9669 (13) [ 0.9656 (14) ]
16 0.9959 (15) [ 0.9960 (16) ]
eps_pi 0 0.24775 (67) [ 0.24820 (71) ]
1 0.11633 (31) [ 0.11604 (33) ]
2 0.18228 (36) [ 0.18248 (37) ]
3 0.24614 (42) [ 0.24598 (44) ]
4 0.26983 (55) [ 0.26984 (58) ]
5 0.29811 (52) [ 0.29798 (54) ]
6 0.11300 (32) [ 0.11306 (33) ]
7 0.18116 (37) [ 0.18125 (42) ]
8 0.24368 (46) [ 0.24380 (51) ]
9 0.27023 (62) [ 0.27002 (69) ]
10 0.29835 (48) [ 0.29845 (52) ]
11 0.11458 (20) [ 0.11459 (20) ]
12 0.18059 (30) [ 0.18062 (31) ]
13 0.24944 (35) [ 0.24916 (36) ]
14 0.24516 (44) [ 0.24511 (47) ]
15 0.27421 (49) [ 0.27469 (52) ]
16 0.30430 (52) [ 0.30429 (54) ]

```

Settings:

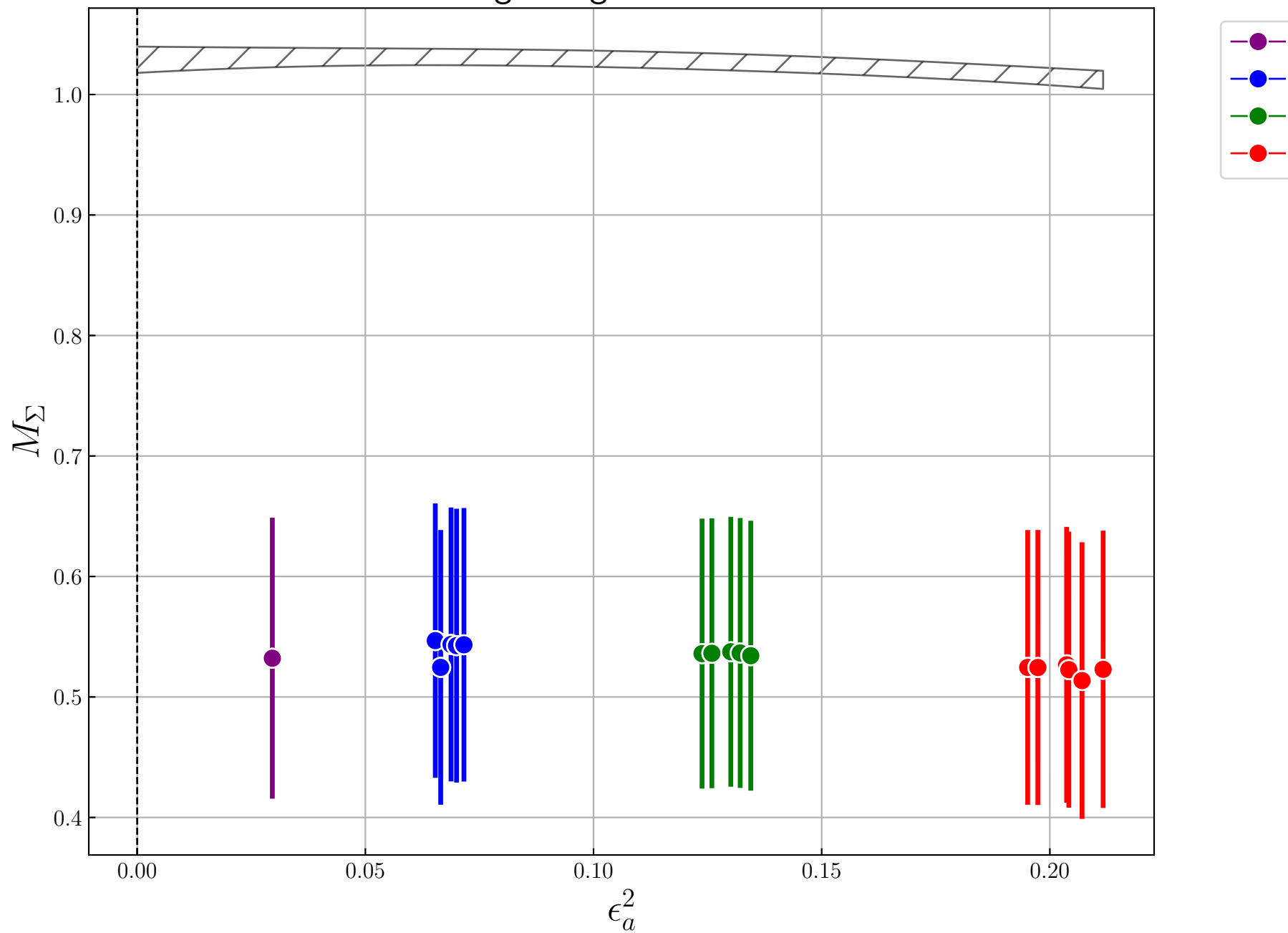
svdcut/n = 1e-12/0 tol = (1e-08\*,1e-10,1e-10) (itns/time = 29/0.2)

Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:s\_lo

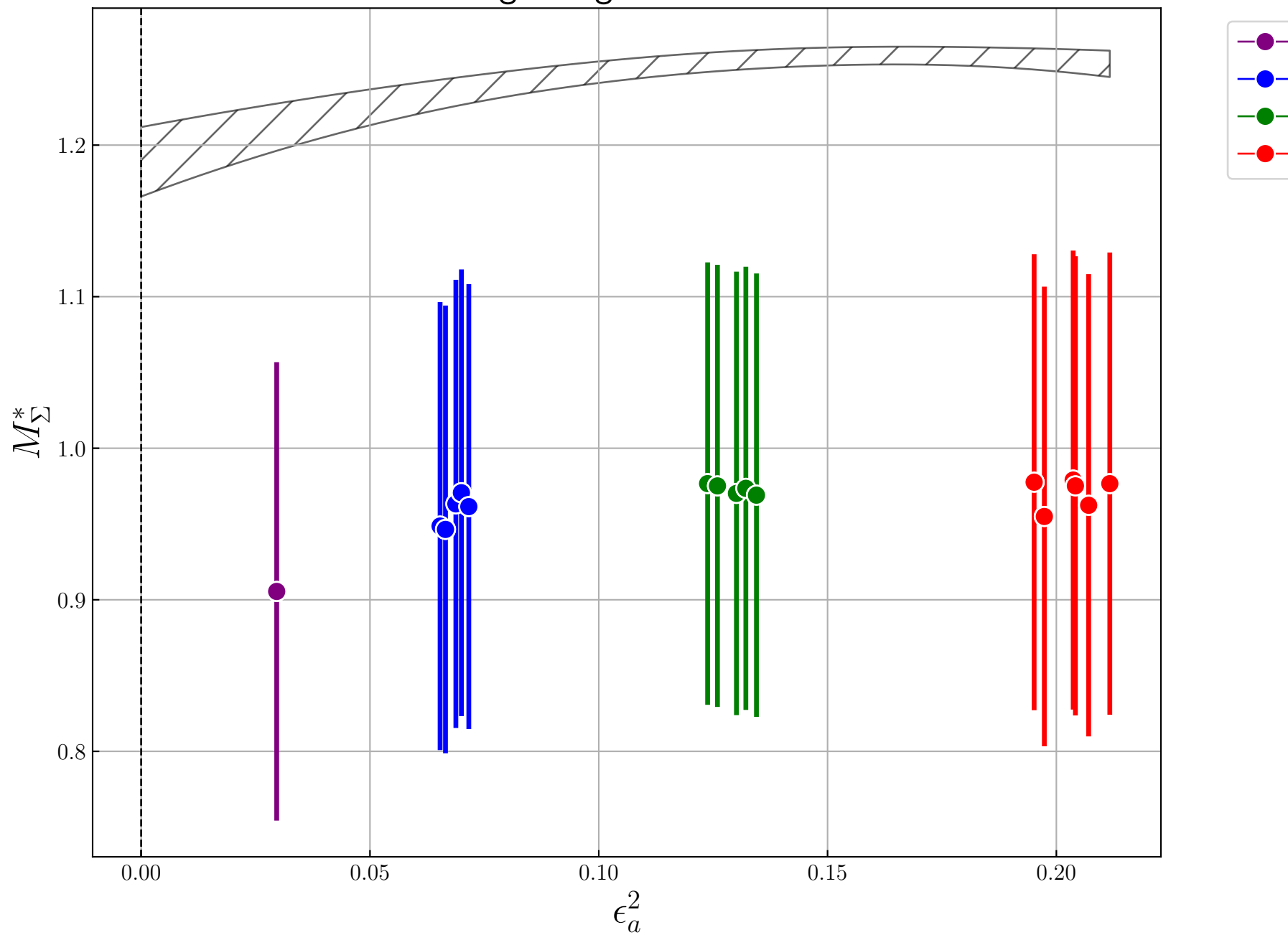




Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:s\_lo



Model: lam:sigma:sigma\_st:l\_n2lo:d\_n2lo:s\_lo



```

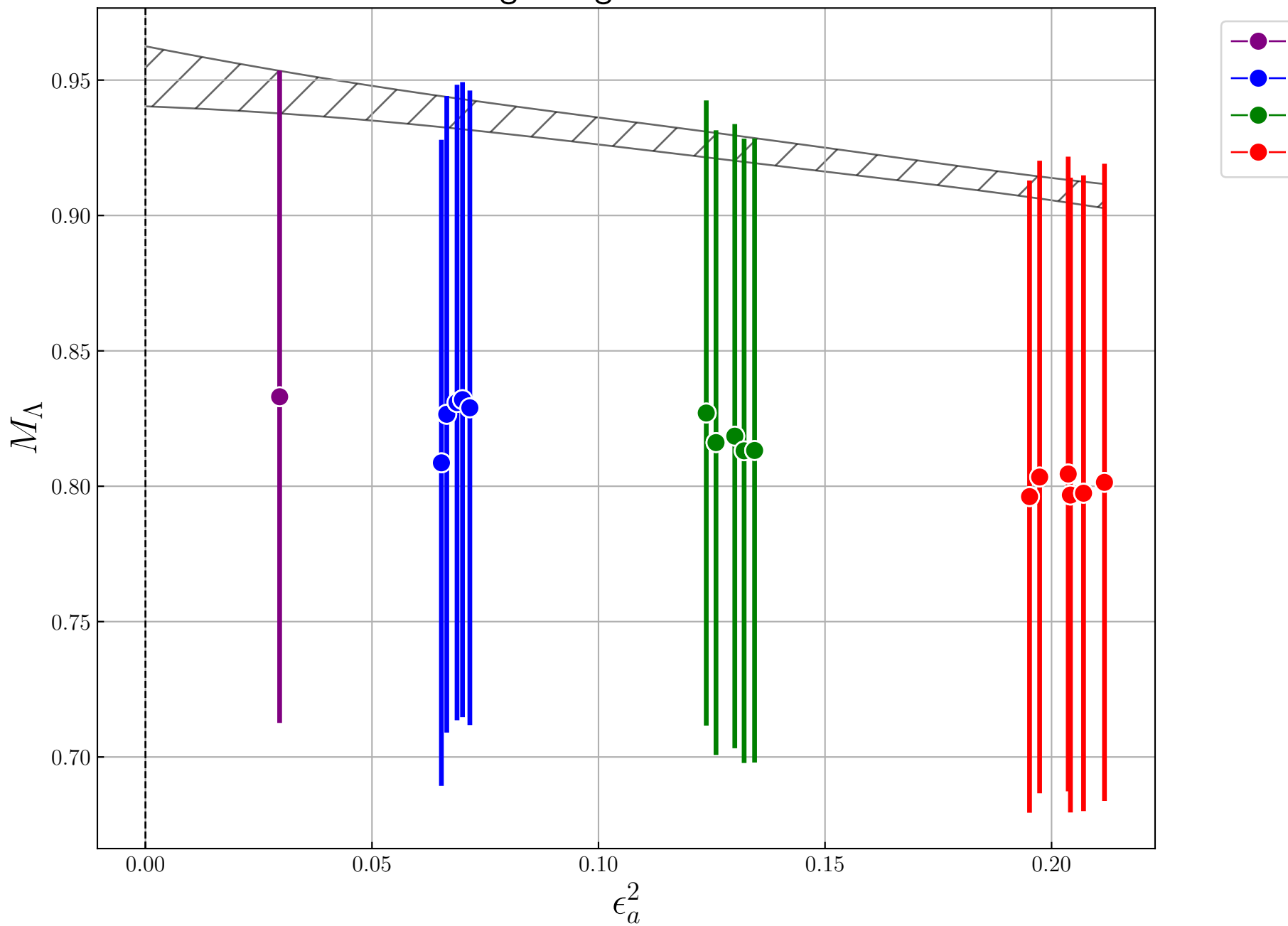
d_sigma_st,t 1.2 (2.0) [ 0.0 (0.0) ]
d_sigma_st,a 0.89 (32) [ 0.0 (2.0) ]
d_sigma_st,aa -2.7 (1.1) [ 0.0 (4.0) ]
d_sigma_st,al -1.3 (1.5) [ 0.0 (4.0) ]
d_sigma_st,s 0.96 (42) [ 0.0 (2.0) ]
m_k 0 0.162010 (72) [ 0.162025 (73) ]
1 0.218529 (78) [ 0.218513 (78) ]
2 0.228694 (90) [ 0.228713 (91) ]
3 0.24109 (14) [ 0.24107 (14) ]
4 0.24701 (12) [ 0.24699 (12) ]
5 0.25524 (12) [ 0.25523 (13) ]
7 0.31025 (19) [ 0.31026 (19) ]
8 0.32405 (20) [ 0.32404 (21) ]
10 0.34320 (14) [ 0.34322 (14) ]
12 0.38690 (21) [ 0.38691 (21) ]
13 0.40485 (25) [ 0.40471 (25) ]
14 0.40381 (22) [ 0.40382 (22) ]
15 0.41410 (27) [ 0.41423 (28) ]
16 0.42751 (26) [ 0.42749 (27) ]
eps2_a 13 0.20365 (32) [ 0.20368 (32) ]
14 0.20417 (25) [ 0.20416 (25) ]
15 0.20711 (48) [ 0.20706 (48) ]
16 0.21166 (56) [ 0.21168 (56) ]
m_pi 0 0.094479 (58) [ 0.094488 (58) ]
1 0.059505 (62) [ 0.059495 (63) ]
2 0.097942 (63) [ 0.097953 (63) ]
3 0.14088 (12) [ 0.14086 (12) ]
5 0.18111 (15) [ 0.18110 (15) ]
8 0.18843 (17) [ 0.18842 (17) ]
11 0.102708 (69) [ 0.102710 (69) ]
13 0.23632 (29) [ 0.23634 (29) ]
15 0.26512 (30) [ 0.26524 (30) ]
16 0.30307 (31) [ 0.30305 (31) ]
lam_chi 0 0.38159 (98) [ 0.3807 (10) ]
1 0.5116 (12) [ 0.5126 (13) ]
2 0.53744 (96) [ 0.53679 (99) ]
3 0.57234 (80) [ 0.57265 (85) ]
4 0.58505 (98) [ 0.5854 (11) ]
5 0.60743 (91) [ 0.60777 (95) ]
6 0.7154 (13) [ 0.7152 (14) ]
7 0.7403 (14) [ 0.7400 (16) ]
8 0.7728 (13) [ 0.7729 (14) ]
9 0.7915 (16) [ 0.7914 (18) ]
10 0.8160 (13) [ 0.8152 (14) ]
11 0.8965 (14) [ 0.8963 (14) ]
12 0.9150 (10) [ 0.9149 (11) ]
13 0.9474 (10) [ 0.9487 (11) ] *
14 0.9549 (16) [ 0.9545 (17) ]
15 0.9669 (13) [ 0.9656 (14) ]
16 0.9957 (15) [ 0.9960 (16) ]
eps_pi 0 0.24758 (67) [ 0.24820 (71) ]
1 0.11631 (31) [ 0.11604 (33) ]
2 0.18224 (36) [ 0.18248 (37) ]
3 0.24614 (42) [ 0.24598 (44) ]
4 0.27000 (55) [ 0.26984 (58) ]
5 0.29816 (52) [ 0.29798 (54) ]
6 0.11304 (32) [ 0.11306 (33) ]
7 0.18117 (37) [ 0.18125 (42) ]
8 0.24383 (47) [ 0.24380 (51) ]
9 0.26999 (62) [ 0.27002 (69) ]
10 0.29819 (48) [ 0.29845 (52) ]
11 0.11456 (19) [ 0.11459 (20) ]
12 0.18061 (30) [ 0.18062 (31) ]
13 0.24949 (34) [ 0.24916 (36) ]
14 0.24501 (44) [ 0.24511 (47) ]
15 0.27418 (49) [ 0.27469 (52) ]
16 0.30439 (52) [ 0.30429 (54) ]

```

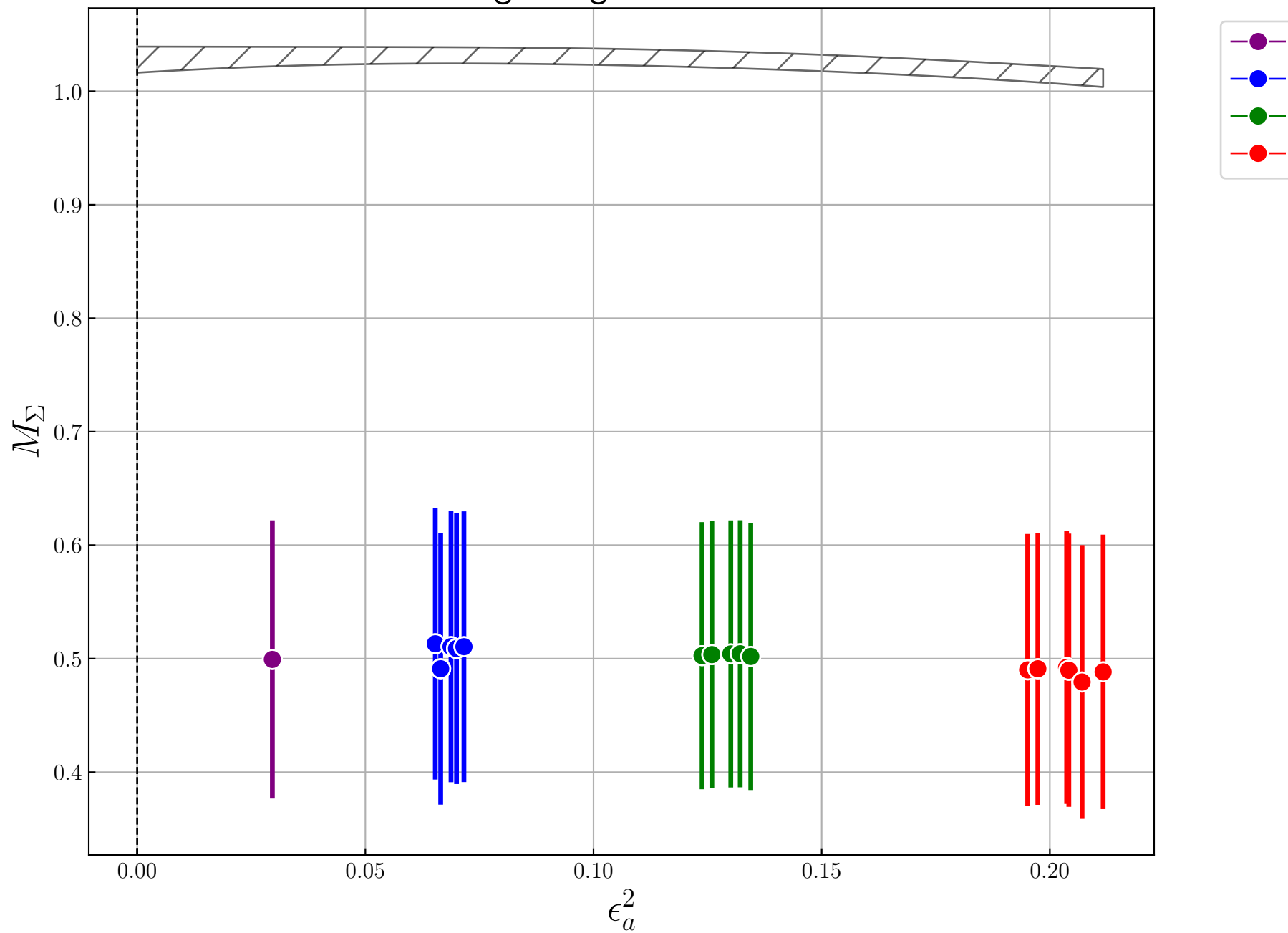
Settings:

svdcut/n = 1e-12/0 tol = (1e-08\*,1e-10,1e-10) (itns/time = 27/0.2)

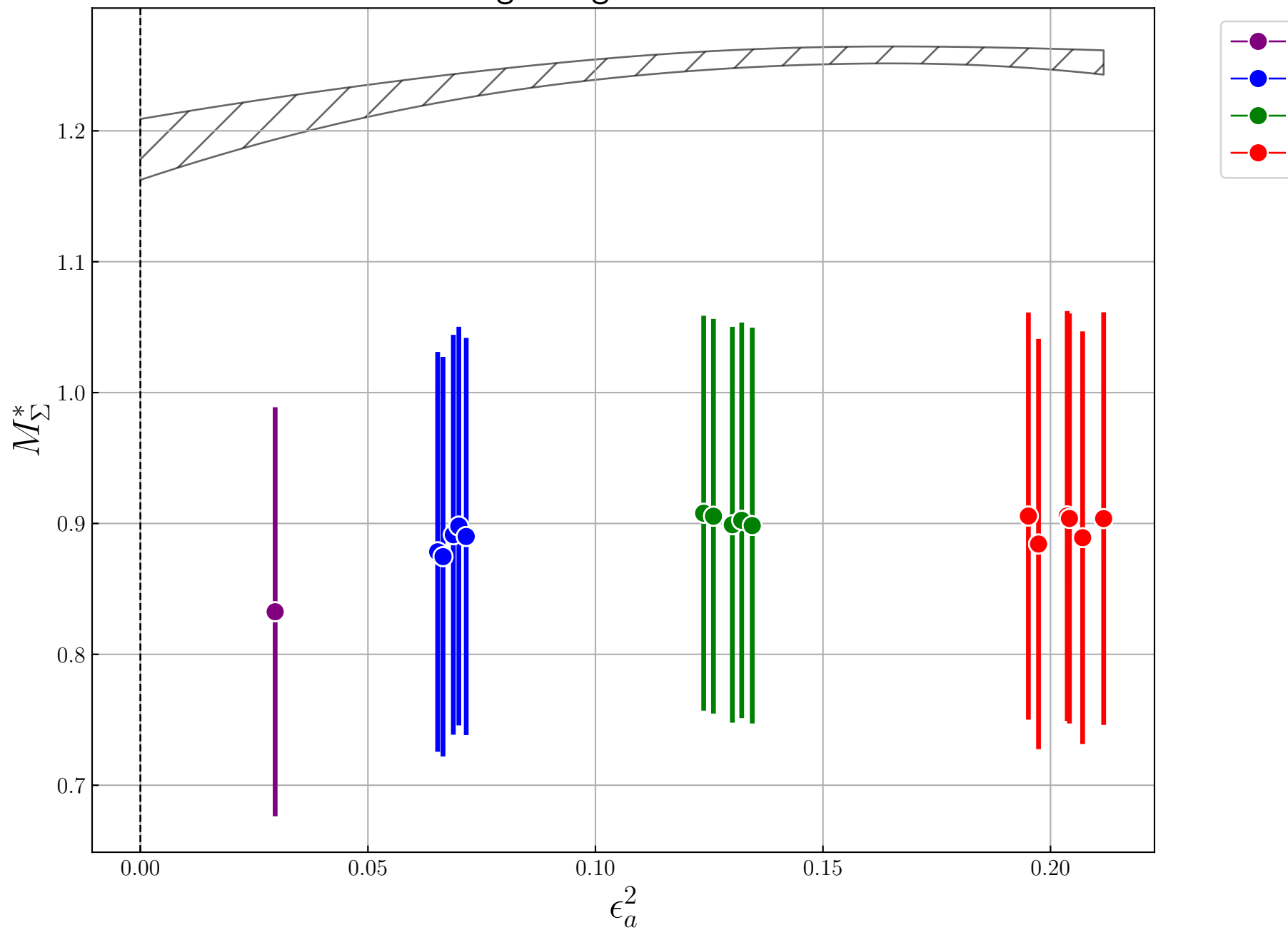
Model: lam:sigma:sigma\_st:l\_n2lo:s\_lo:d\_n2lo



Model: lam:sigma:sigma\_st:l\_n2lo:s\_lo:d\_n2lo



Model: lam:sigma:sigma\_st:l\_n2lo:s\_lo:d\_n2lo



```

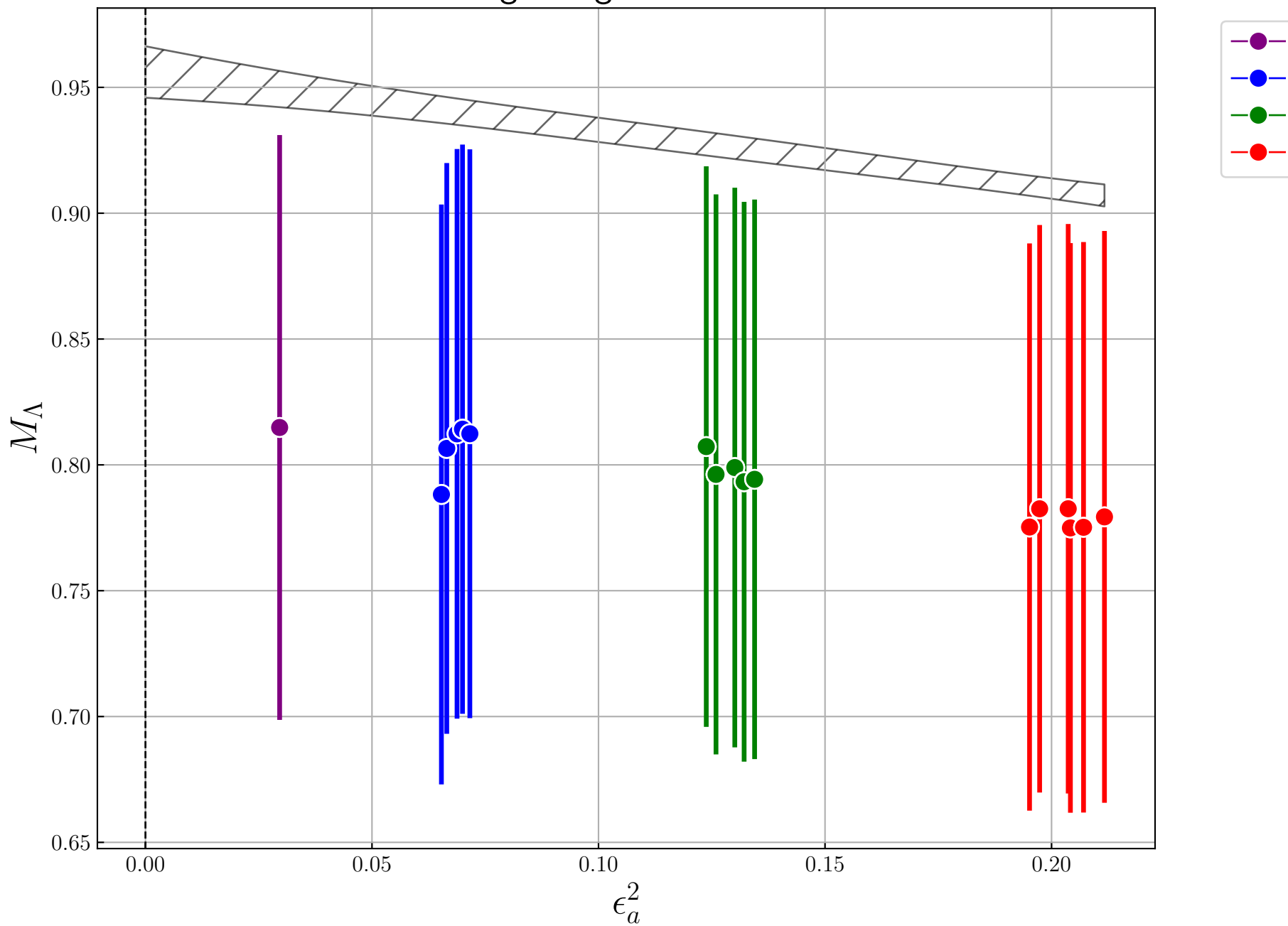
b_sigma_st,4 2.3 (2.7) [ 0.0 (5.0) ]
d_sigma_st,a 0.86 (32) [ 0.0 (2.0) ]
d_sigma_st,aa -2.6 (1.1) [ 0.0 (4.0) ]
d_sigma_st,al -1.2 (1.4) [ 0.0 (4.0) ]
d_sigma_st,s 0.76 (40) [ 0.0 (2.0) ]
m_k 0 0.162014 (72) [ 0.162025 (73) ]
1 0.218530 (78) [ 0.218513 (78) ]
2 0.228697 (91) [ 0.228713 (91) ]
3 0.24109 (14) [ 0.24107 (14) ]
5 0.25524 (12) [ 0.25523 (13) ]
6 0.30198 (11) [ 0.30199 (11) ]
7 0.31025 (19) [ 0.31026 (19) ]
8 0.32402 (20) [ 0.32404 (21) ]
9 0.33333 (16) [ 0.33332 (16) ]
10 0.34321 (14) [ 0.34322 (14) ]
12 0.38690 (21) [ 0.38691 (21) ]
13 0.40483 (25) [ 0.40471 (25) ]
15 0.41411 (27) [ 0.41423 (28) ]
16 0.42749 (26) [ 0.42749 (27) ]
eps2_a 13 0.20365 (32) [ 0.20368 (32) ]
14 0.20417 (25) [ 0.20416 (25) ]
15 0.20709 (48) [ 0.20706 (48) ]
m_pi 0 0.094482 (58) [ 0.094488 (58) ]
1 0.059506 (62) [ 0.059495 (63) ]
2 0.097944 (63) [ 0.097953 (63) ]
3 0.14088 (12) [ 0.14086 (12) ]
5 0.18111 (15) [ 0.18110 (15) ]
6 0.08087 (16) [ 0.08088 (16) ]
11 0.102709 (69) [ 0.102710 (69) ]
13 0.23632 (29) [ 0.23634 (29) ]
15 0.26513 (30) [ 0.26524 (30) ]
16 0.30306 (31) [ 0.30305 (31) ]
lam_chi 0 0.38135 (98) [ 0.3807 (10) ]
1 0.5115 (12) [ 0.5126 (13) ]
2 0.53733 (97) [ 0.53679 (99) ]
3 0.57233 (80) [ 0.57265 (85) ]
4 0.58541 (99) [ 0.5854 (11) ]
5 0.60752 (91) [ 0.60777 (95) ]
6 0.7156 (13) [ 0.7152 (14) ]
7 0.7403 (14) [ 0.7400 (16) ]
8 0.7732 (12) [ 0.7729 (14) ]
9 0.7908 (16) [ 0.7914 (18) ]
10 0.8155 (13) [ 0.8152 (14) ]
11 0.8964 (14) [ 0.8963 (14) ]
12 0.9151 (10) [ 0.9149 (11) ]
13 0.9476 (10) [ 0.9487 (11) ]
14 0.9544 (16) [ 0.9545 (17) ]
15 0.9669 (13) [ 0.9656 (14) ]
16 0.9959 (15) [ 0.9960 (16) ]
eps_pi 0 0.24775 (67) [ 0.24820 (71) ]
1 0.11633 (31) [ 0.11604 (33) ]
2 0.18228 (36) [ 0.18248 (37) ]
3 0.24614 (42) [ 0.24598 (44) ]
4 0.26983 (55) [ 0.26984 (58) ]
5 0.29811 (52) [ 0.29798 (54) ]
6 0.11300 (32) [ 0.11306 (33) ]
7 0.18116 (37) [ 0.18125 (42) ]
8 0.24368 (46) [ 0.24380 (51) ]
9 0.27023 (62) [ 0.27002 (69) ]
10 0.29835 (48) [ 0.29845 (52) ]
11 0.11458 (20) [ 0.11459 (20) ]
12 0.18059 (30) [ 0.18062 (31) ]
13 0.24944 (35) [ 0.24916 (36) ]
14 0.24516 (44) [ 0.24511 (47) ]
15 0.27421 (49) [ 0.27469 (52) ]
16 0.30430 (52) [ 0.30429 (54) ]

```

Settings:

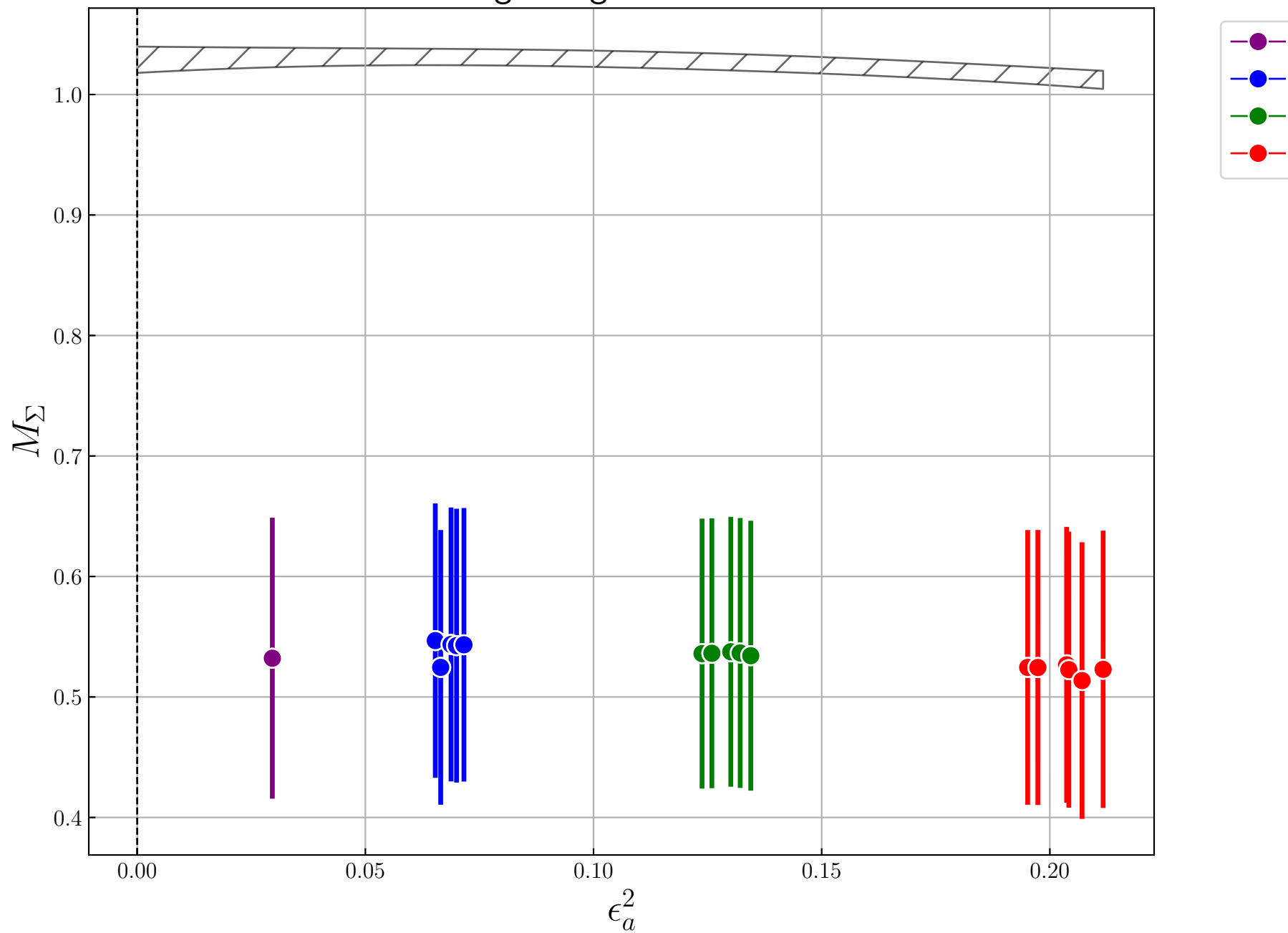
svdcut/n = 1e-12/0 tol = (1e-08\*,1e-10,1e-10) (itns/time = 29/0.2)

Model: lam:sigma:sigma\_st:l\_n2lo:s\_lo:d\_n2lo





Model: lam:sigma:sigma\_st:l\_n2lo:s\_lo:d\_n2lo



Model: lam:sigma:sigma\_st:l\_n2lo:s\_lo:d\_n2lo

