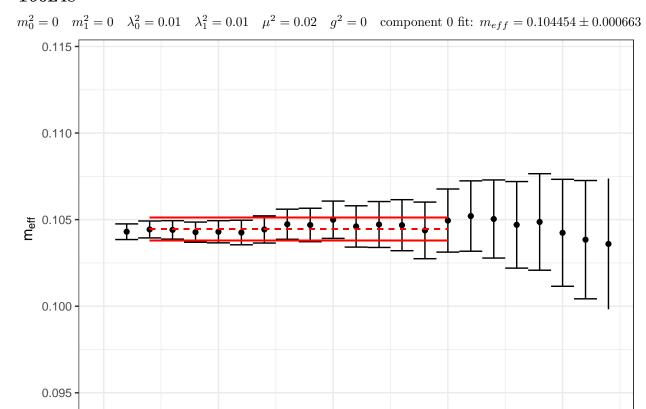
## Effective mass

## MG

## T96L48



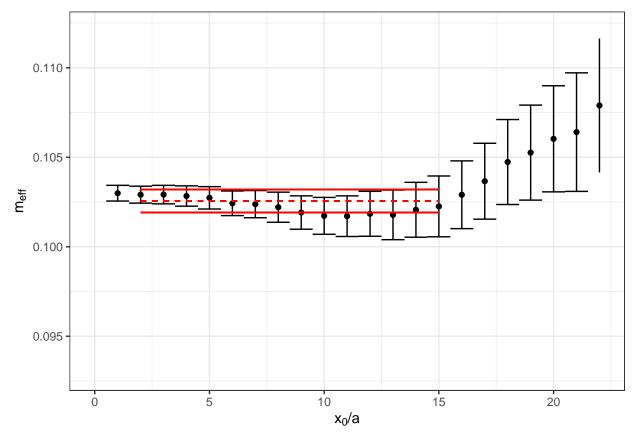
10

 $x_0/a$ 

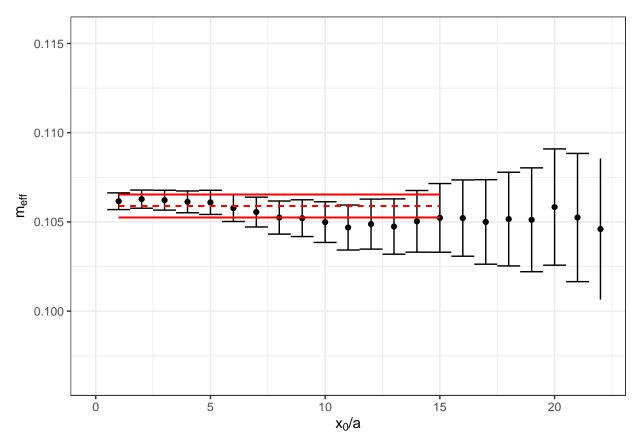
15

20

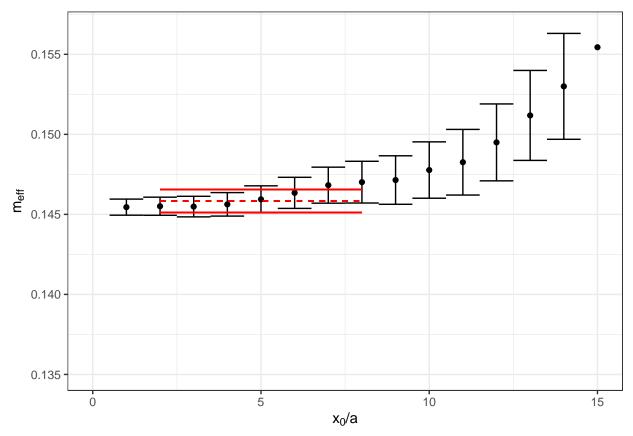
component 1 fit:  $m_{eff} = 0.102549 \pm 0.000642$ 



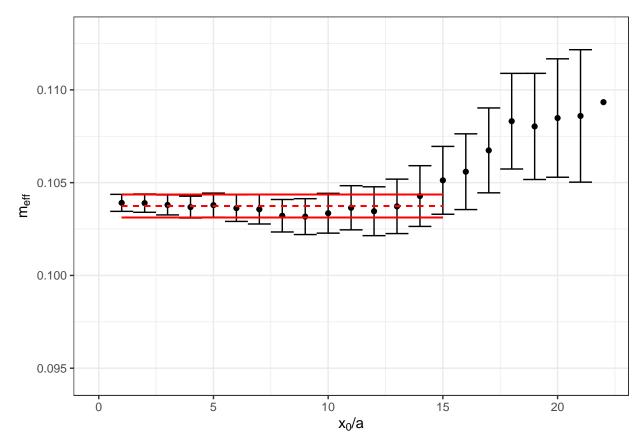
 $m_0^2=0$   $m_1^2=0.01$   $\lambda_0^2=0.01$   $\lambda_1^2=0.01$   $\mu^2=0.02$   $g^2=0$  component 0 fit:  $m_{eff}=0.105884\pm0.000644$ 



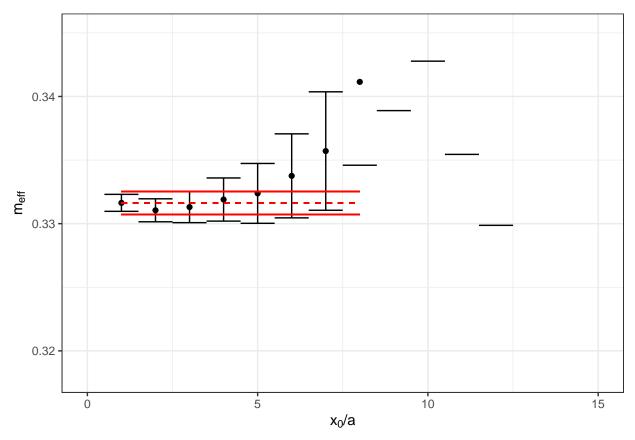
component 1 fit:  $m_{eff} = 0.145828 \pm 0.000718$ 



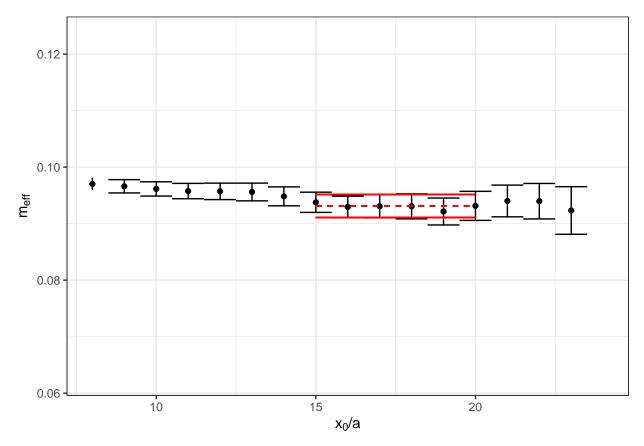
 $m_0^2=0$   $m_1^2=0.1$   $\lambda_0^2=0.01$   $\lambda_1^2=0.01$   $\mu^2=0.02$   $g^2=0$  component 0 fit:  $m_{eff}=0.103735\pm0.000619$ 



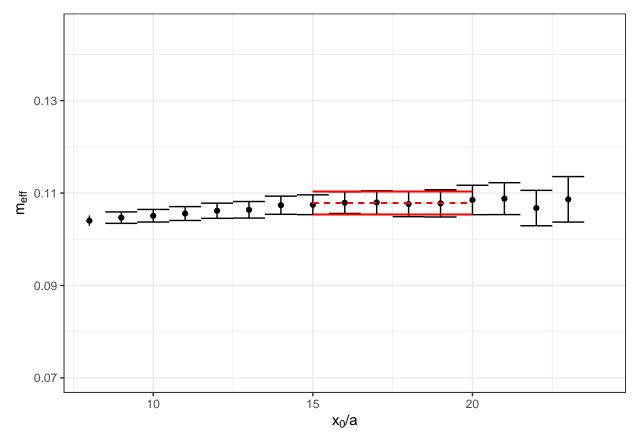
component 1 fit:  $m_{eff}=0.331615\pm0.000903$ 



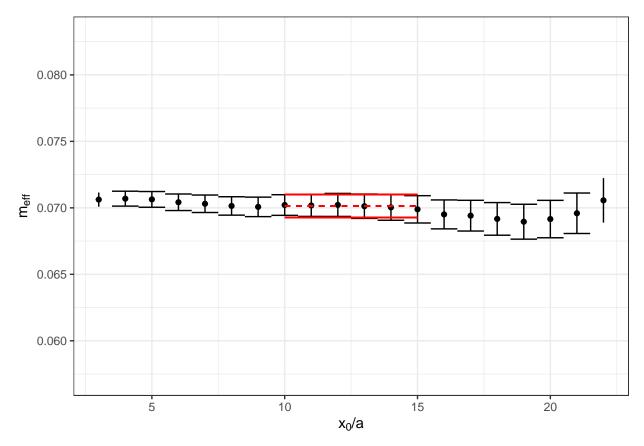
 $m_0^2 = 0.01 \quad m_1^2 = 0.01 \quad \lambda_0^2 = 0 \quad \lambda_1^2 = 0 \quad \mu^2 = 0 \quad \text{g}^2 = 0 \quad \text{component 0 fit: } \\ m_{eff} = 0.093097 \pm 0.002032$ 



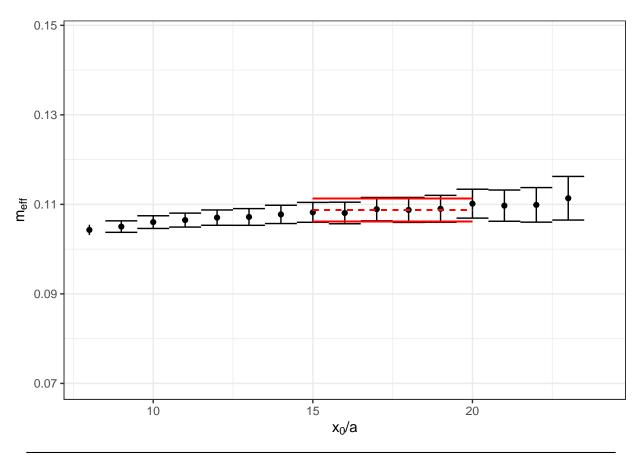
component 1 fit:  $m_{eff} = 0.107814 \pm 0.002485$ 



 $m_0^2 = 0.005 \quad m_1^2 = 0.01 \quad \lambda_0^2 = 0 \quad \lambda_1^2 = 0 \quad \mu^2 = 0 \quad \text{component 0 fit: } \\ m_{eff} = 0.070128 \pm 0.000864$ 



component 1 fit:  $m_{eff} = 0.108713 \pm 0.002566$ 



| meff0     | Emeff0    | meff1     | Emeff1    | L  | msq0  | msq1 | lambda0 | lambda1 | mu   | g |
|-----------|-----------|-----------|-----------|----|-------|------|---------|---------|------|---|
| 0.1044538 | 0.0006632 | 0.1025493 | 0.0006418 | 48 | 0.000 | 0.00 | 0.01    | 0.01    | 0.02 | 0 |
| 0.1058840 | 0.0006437 | 0.1458276 | 0.0007175 | 48 | 0.000 | 0.01 | 0.01    | 0.01    | 0.02 | 0 |
| 0.1037349 | 0.0006189 | 0.3316146 | 0.0009029 | 48 | 0.000 | 0.10 | 0.01    | 0.01    | 0.02 | 0 |
| 0.0930969 | 0.0020321 | 0.1078141 | 0.0024848 | 24 | 0.010 | 0.01 | 0.00    | 0.00    | 0.00 | 0 |
| 0.0701284 | 0.0008638 | 0.1087128 | 0.0025658 | 24 | 0.005 | 0.01 | 0.00    | 0.00    | 0.00 | 0 |