Spin: (2, 2)  $\rightarrow$  1, 1  $\rightarrow$  0,  $\vec{r}_{12} = [0.0, 0.0, 0.14]$ 0.3 data | fit ptl1, e ptl1, f1 ptl1, f0 0.2 ptl1, g Tr(ρ)Analytic 0.1  $\begin{array}{c} \cdot \propto e^{-\Gamma_{e \to f}t} \\ \cdot \propto e^{-2\Gamma_{e \to f}t} \end{array}$ 0.0 12 6 12 9 3 6 9 3 0 tΓı tΓı data - fit 0.004 ef1 + f1e •ef1 - f1e •f1f0 + f0f1 •f1f0 - f0f1 0.002 f0g + gf0 • f0g - gf0 0.000 ge + eg •ge - eg -0.00212 6 12 3 6 9 3 9 0  $+\Gamma$  $+\Gamma$ 

1.00

0.75

0.50

0.25

0.00

0.20

0.15

0.10

0.05

0.00

0

0