Spin: (2, 2)  $\rightarrow$  1, 1  $\rightarrow$  0,  $\vec{r}_{12} = [0.0, 0.0, 0.92]$ 1.00 0.3 data | fit ptl1, e ptl1, f1 0.75 0.2 ptl1, f0 ptl1, g 0.50  $Tr(\rho)$  $\begin{array}{c} \text{Analytic} \\ \propto e^{-\Gamma_{e \to f} t} \\ \propto e^{-2\Gamma_{e \to f} t} \end{array}$ 0.1 0.25 0.00 0.0 0 3 12 3 6 12 6 9 9 0 tΓı tΓı data - fit 0.20  $2.0 \times 10^{-5}$ ef1 + f1eef1 - f1e 0.15 f1f0 + f0f1f1f0 - f0f1 0 f0g + gf0 f0g - gf0 0.10 ge + eg  $-2.0 \times 10^{-5}$ 0.05 ·ge - eg  $-4.0 \times 10^{-5}$ 0.00 12 3 6 0 9 12 3 6 9 0  $+\Gamma$  $+\Gamma$