

$$V^{1S_0}(r) = -h \frac{e^{-\mu_\pi r}}{\mu_\pi r} - 1650.6 \frac{e^{-4\mu_\pi r}}{\mu_\pi r} + 6484.2 \frac{e^{-7\mu_\pi r}}{\mu_\pi r} \quad (4.53)$$