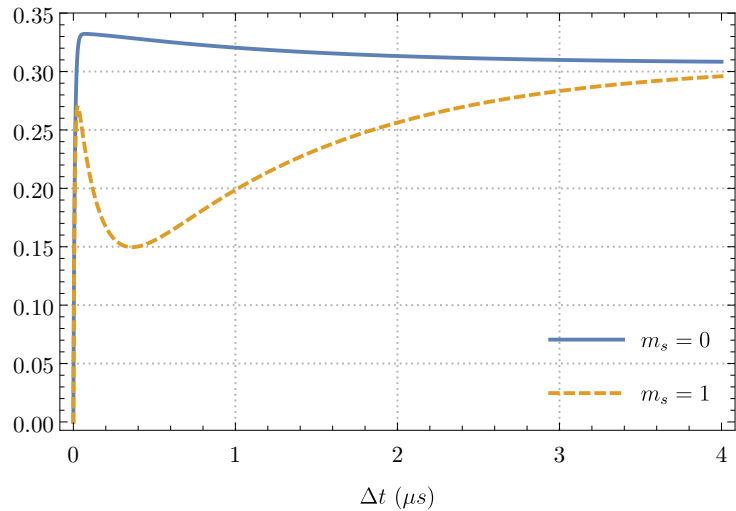
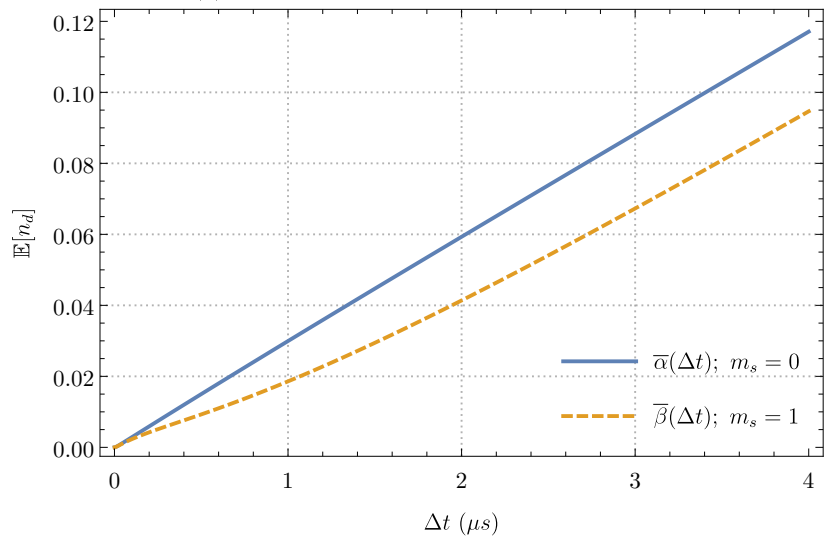
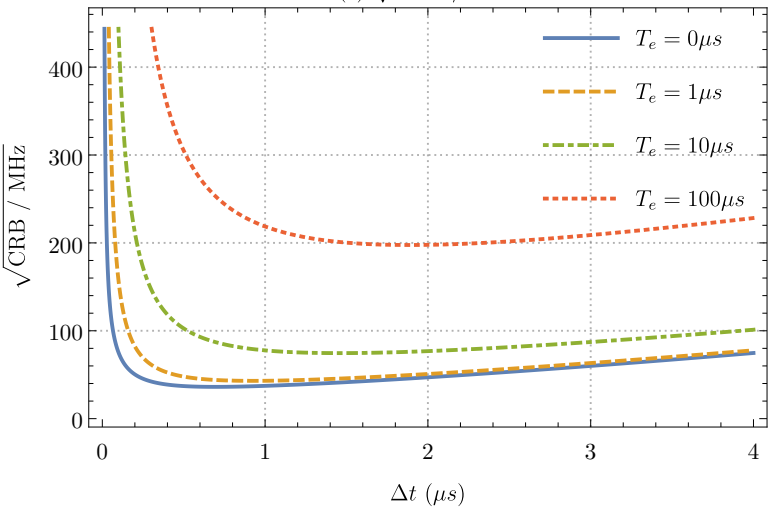


(a) Excited state population during measurement



(b) Expected photon detections vs. measurement time

(c) $\sqrt{\text{CRB}} / \text{MHz}$ 

(d) Optimal Measurement

