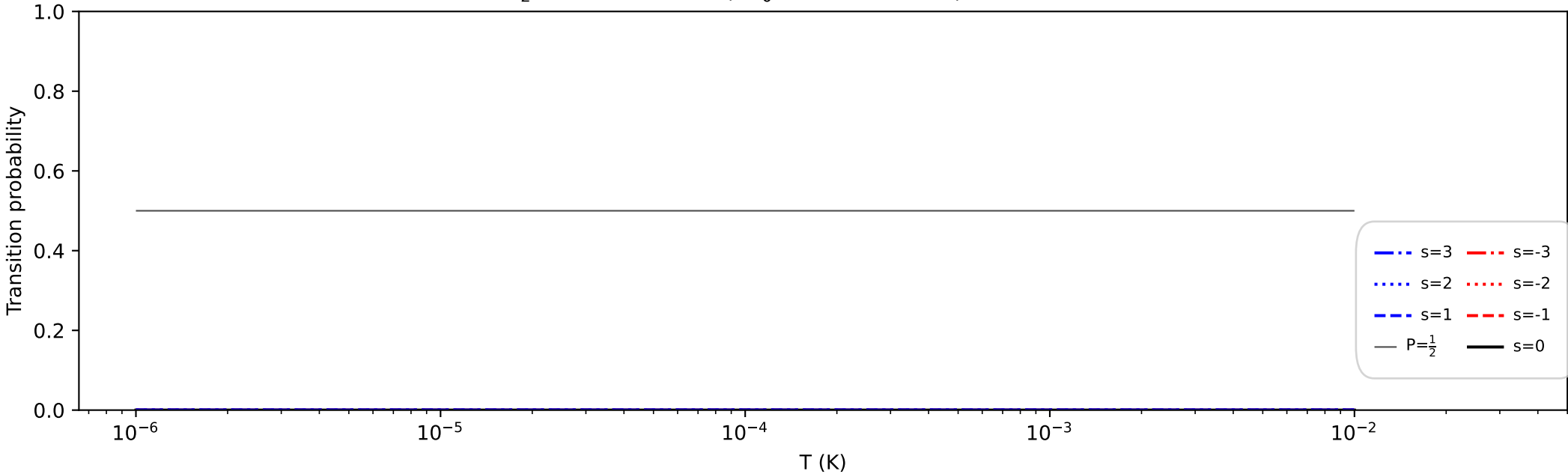
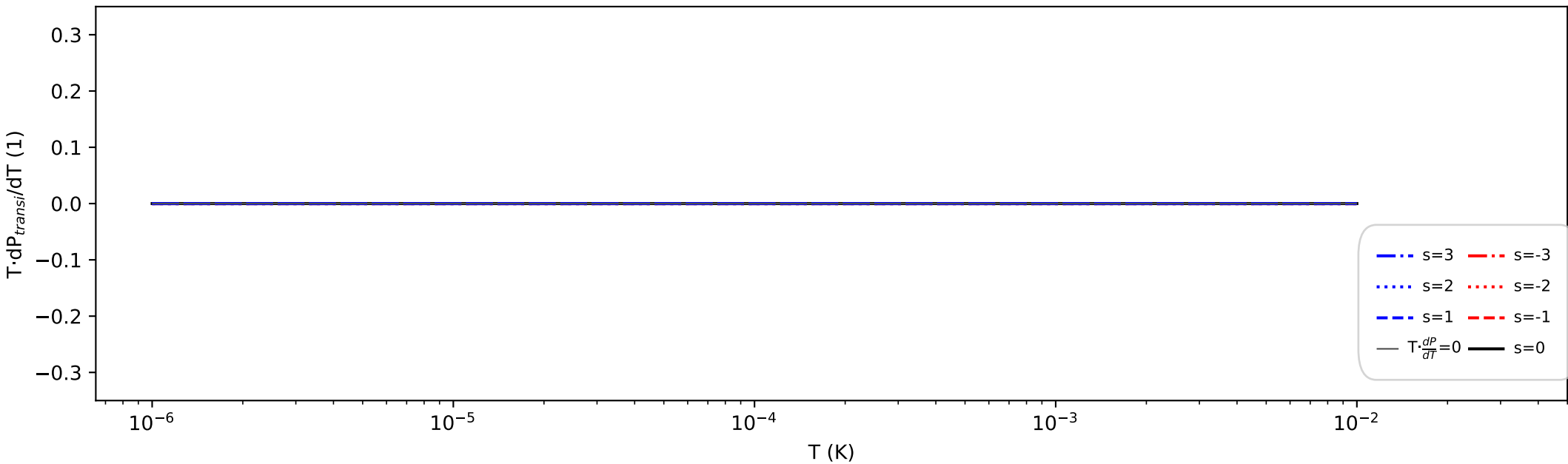
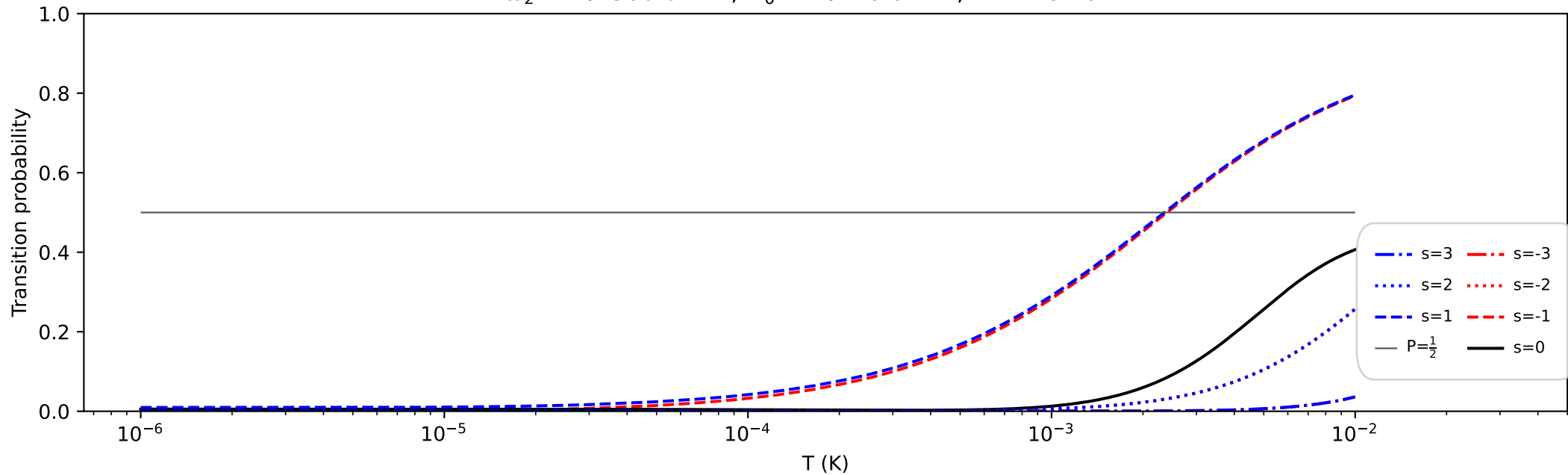
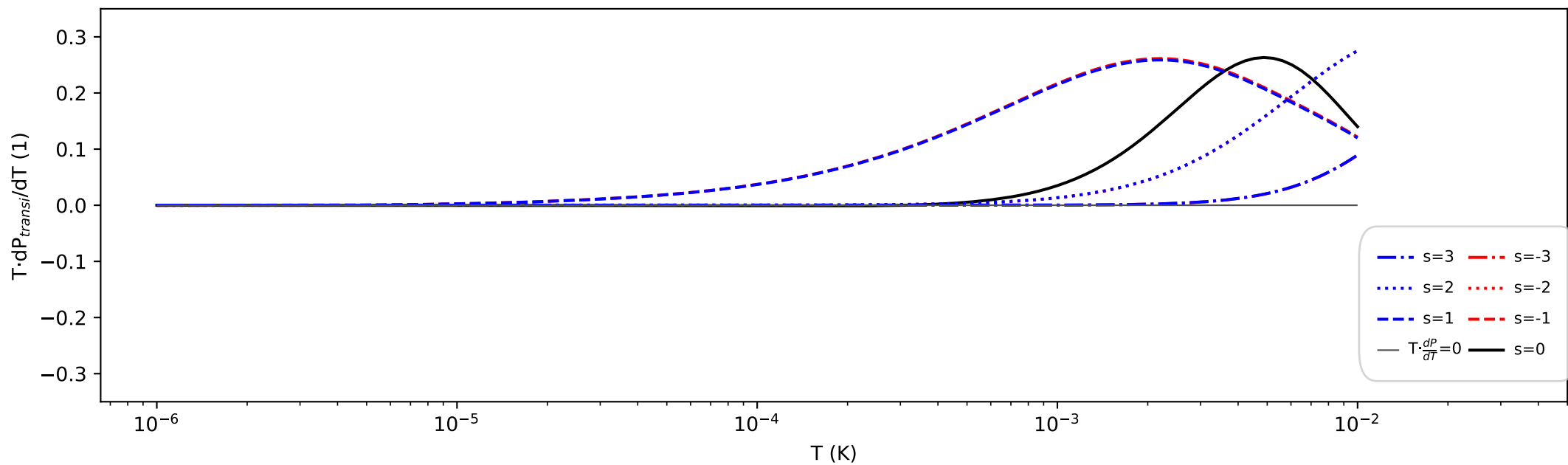


$$\frac{0}{1}\pi\text{-pulse, } n=0, P_{\geq n_{\max}}=0.01, {}^{138}\text{Ba}^+ \\ \omega_z = 2\pi \cdot 500.0 \text{ kHz}, \Omega_0 = 2\pi \cdot 16.0 \text{ kHz}, \lambda = 1762.0 \text{ nm}$$

$$\omega_z = 2\pi \cdot 500.0 \text{ kHz}, \Omega_0 = 2\pi \cdot 16.0 \text{ kHz}, \lambda = 1762.0 \text{ nm}$$


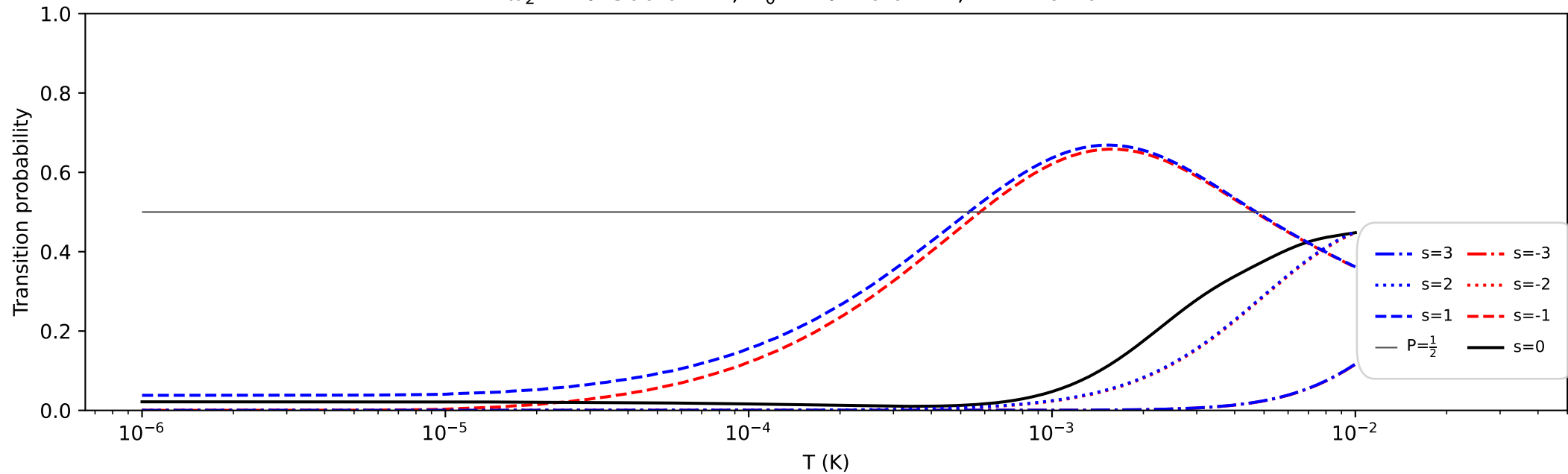
$\frac{1}{16}\pi$ -pulse, $n=0$, $P_{\geq n_{max}}=0.01$, $^{138}\text{Ba}^+$
 $\omega_z = 2\pi \cdot 500.0$ kHz, $\Omega_0 = 2\pi \cdot 16.0$ kHz, $\lambda = 1762.0$ nm



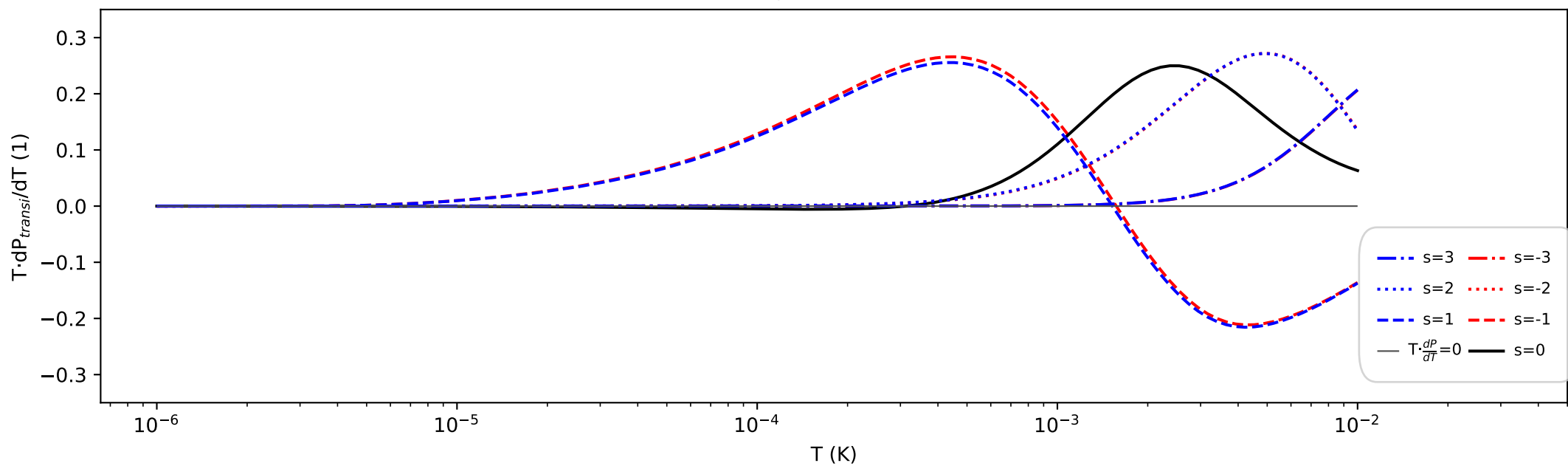
$\frac{1}{16}\pi$ -pulse, $n=0$, $P_{thres}=0.001$, $^{138}\text{Ba}^+$
 $\omega_z = 2\pi \cdot 500.0$ kHz, $\Omega_0 = 2\pi \cdot 16.0$ kHz, $\lambda = 1762.0$ nm



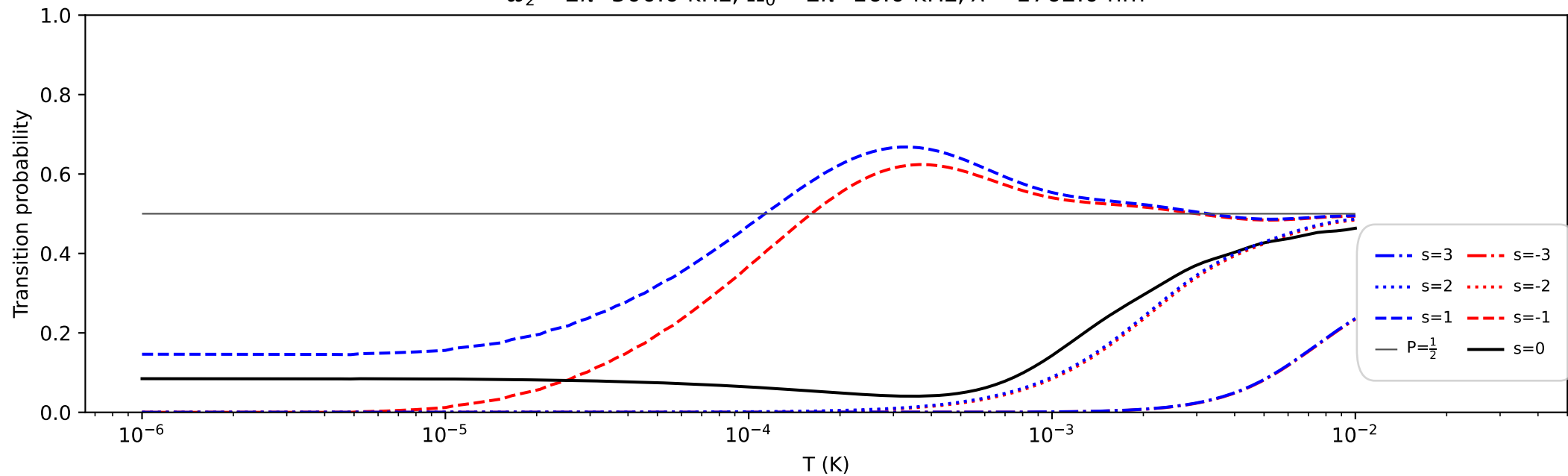
$\frac{1}{8}\pi$ -pulse, $n=0$, $P_{\geq n_{max}}=0.01$, $^{138}\text{Ba}^+$
 $\omega_z = 2\pi \cdot 500.0$ kHz, $\Omega_0 = 2\pi \cdot 16.0$ kHz, $\lambda = 1762.0$ nm



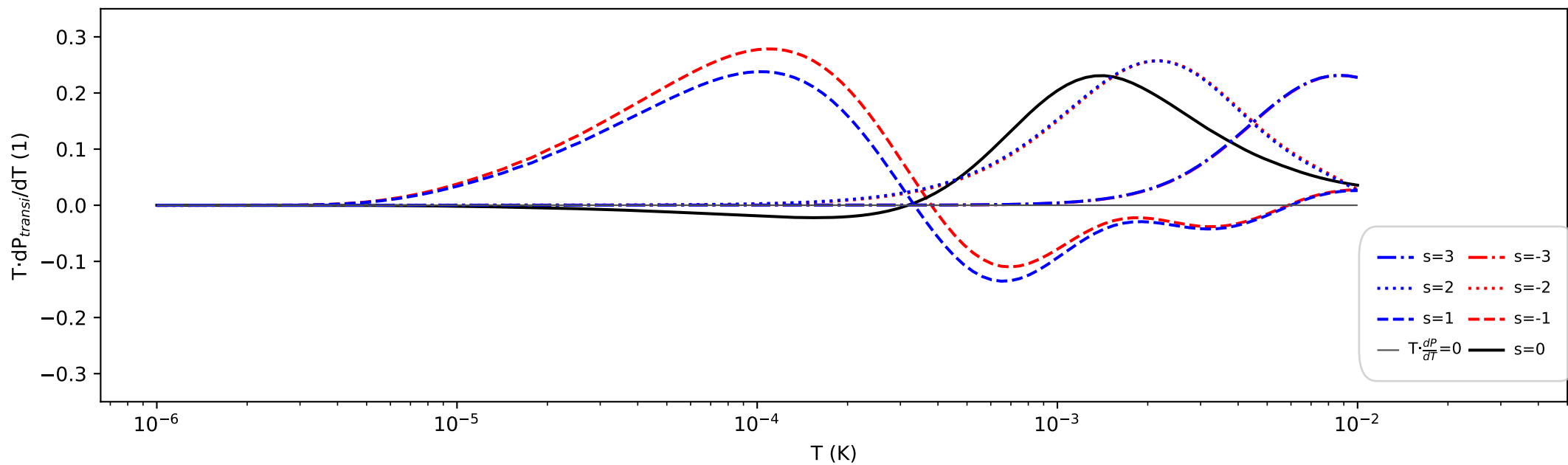
$\frac{1}{8}\pi$ -pulse, $n=0$, $P_{thres}=0.001$, $^{138}\text{Ba}^+$
 $\omega_z = 2\pi \cdot 500.0$ kHz, $\Omega_0 = 2\pi \cdot 16.0$ kHz, $\lambda = 1762.0$ nm



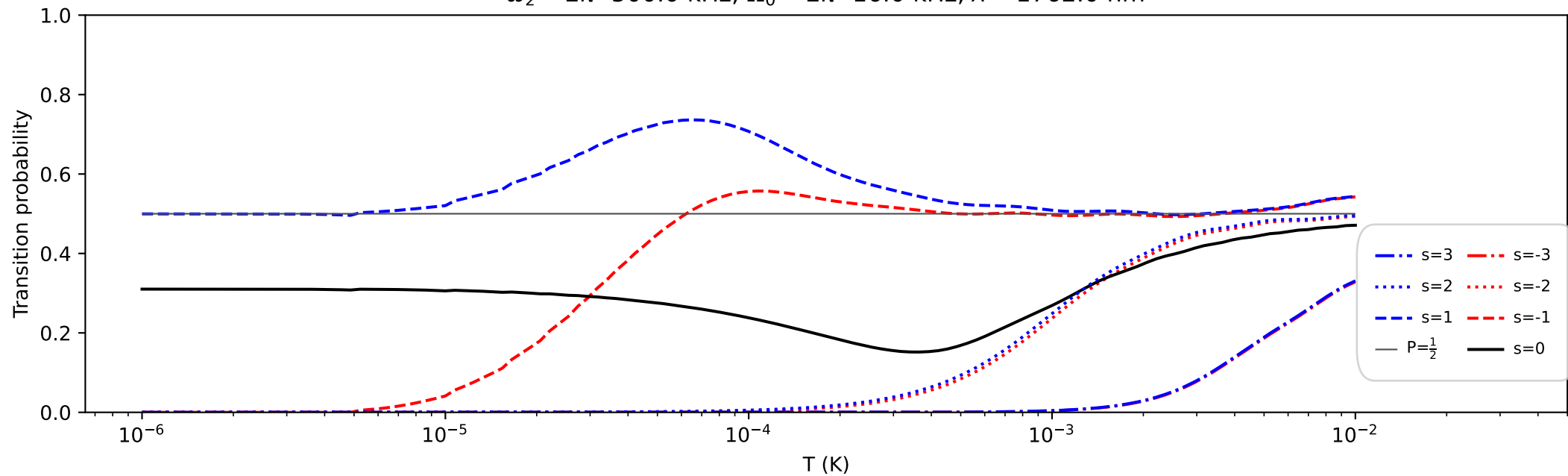
$\frac{1}{4}\pi$ -pulse, $n=0$, $P_{\geq n_{\max}}=0.01$, $^{138}\text{Ba}^+$
 $\omega_z = 2\pi \cdot 500.0$ kHz, $\Omega_0 = 2\pi \cdot 16.0$ kHz, $\lambda = 1762.0$ nm



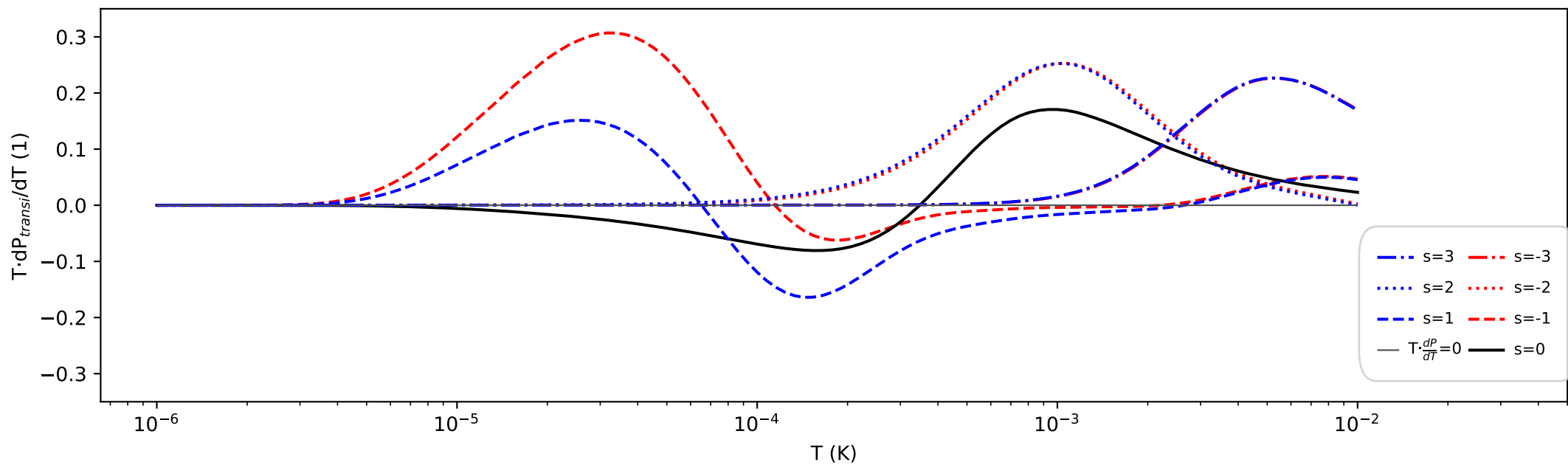
$\frac{1}{4}\pi$ -pulse, $n=0$, $P_{\text{thres}}=0.001$, $^{138}\text{Ba}^+$
 $\omega_z = 2\pi \cdot 500.0$ kHz, $\Omega_0 = 2\pi \cdot 16.0$ kHz, $\lambda = 1762.0$ nm



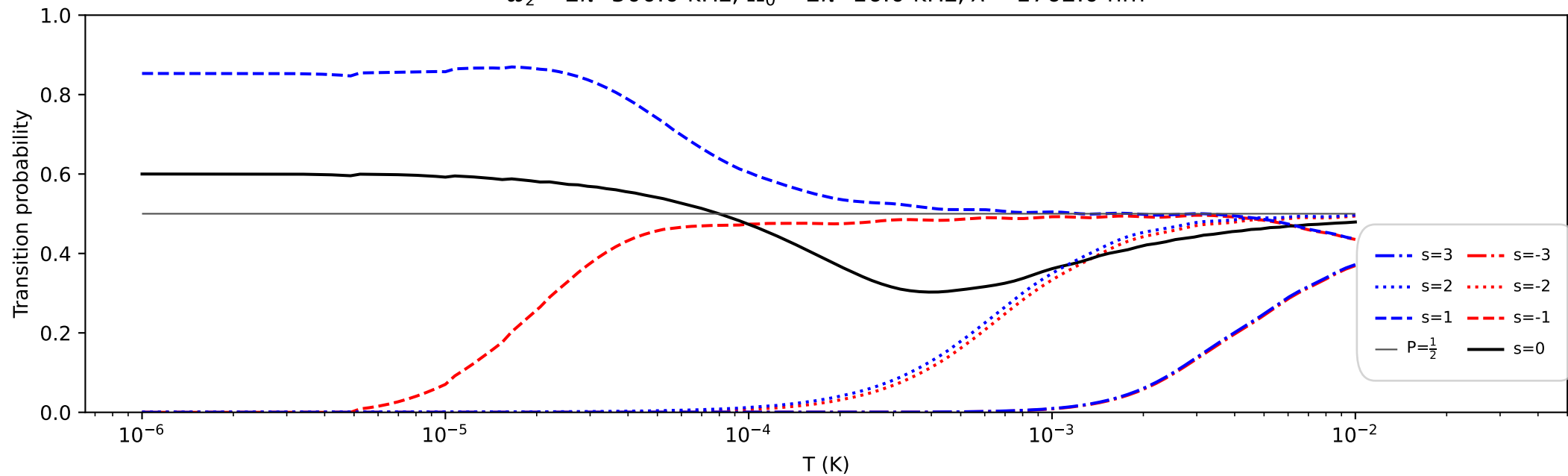
$\frac{1}{2}\pi$ -pulse, $n=0$, $P_{\geq n_{max}}=0.01$, $^{138}\text{Ba}^+$
 $\omega_z = 2\pi \cdot 500.0$ kHz, $\Omega_0 = 2\pi \cdot 16.0$ kHz, $\lambda = 1762.0$ nm



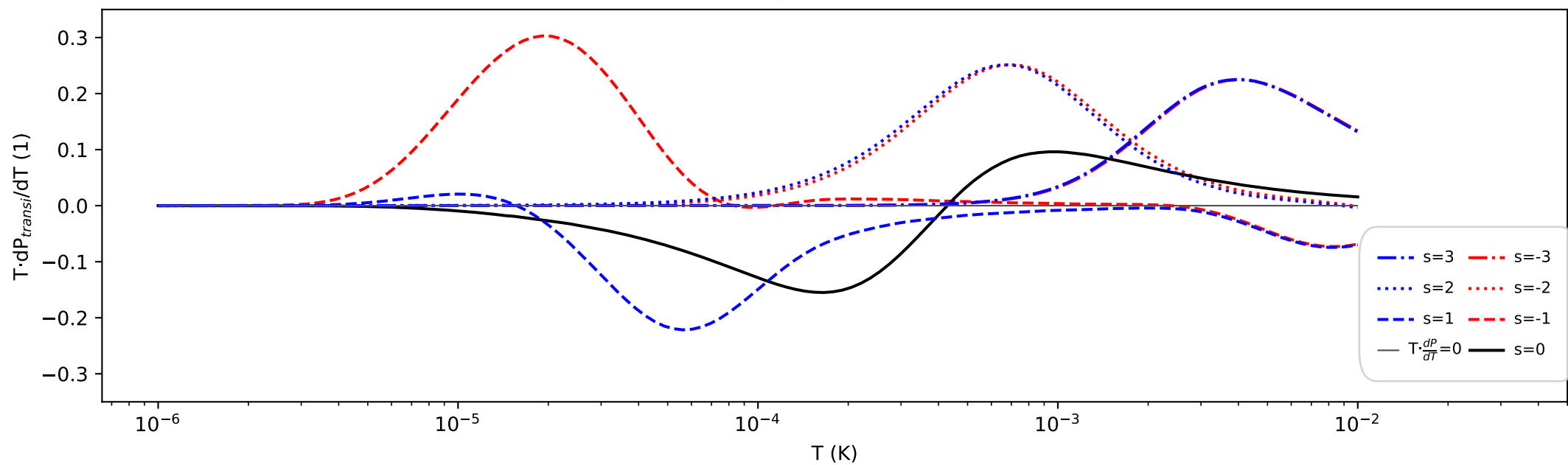
$\frac{1}{2}\pi$ -pulse, $n=0$, $P_{thres}=0.001$, $^{138}\text{Ba}^+$
 $\omega_z = 2\pi \cdot 500.0$ kHz, $\Omega_0 = 2\pi \cdot 16.0$ kHz, $\lambda = 1762.0$ nm

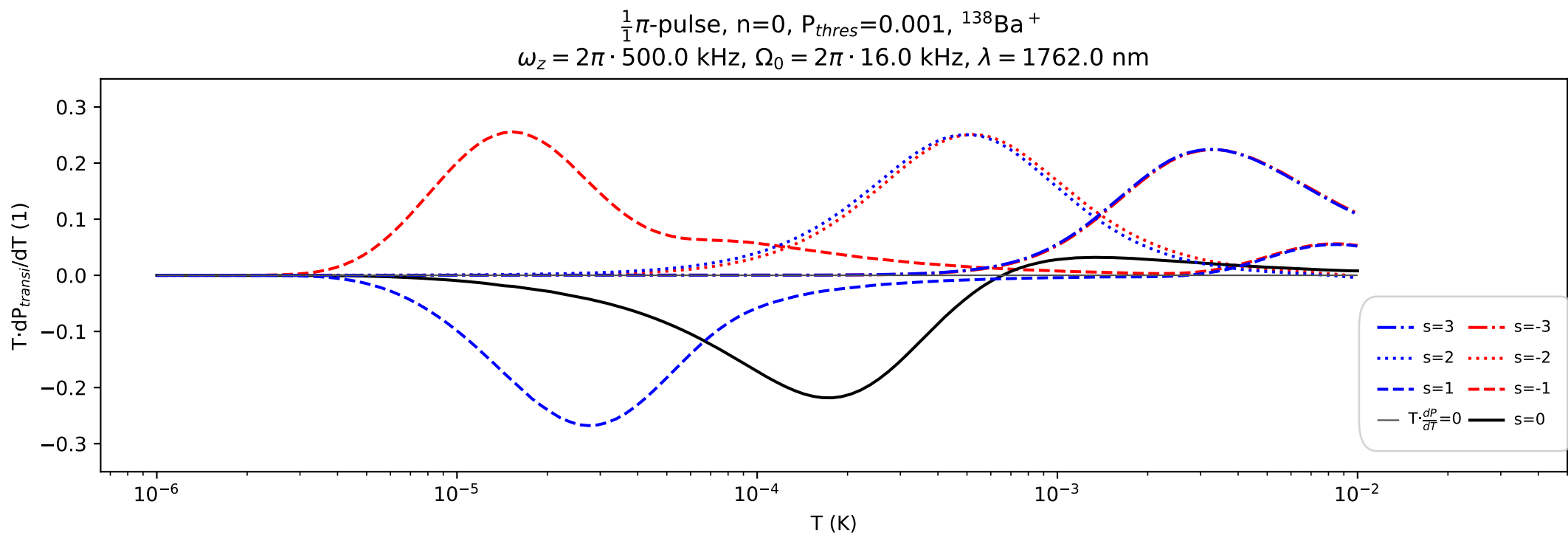
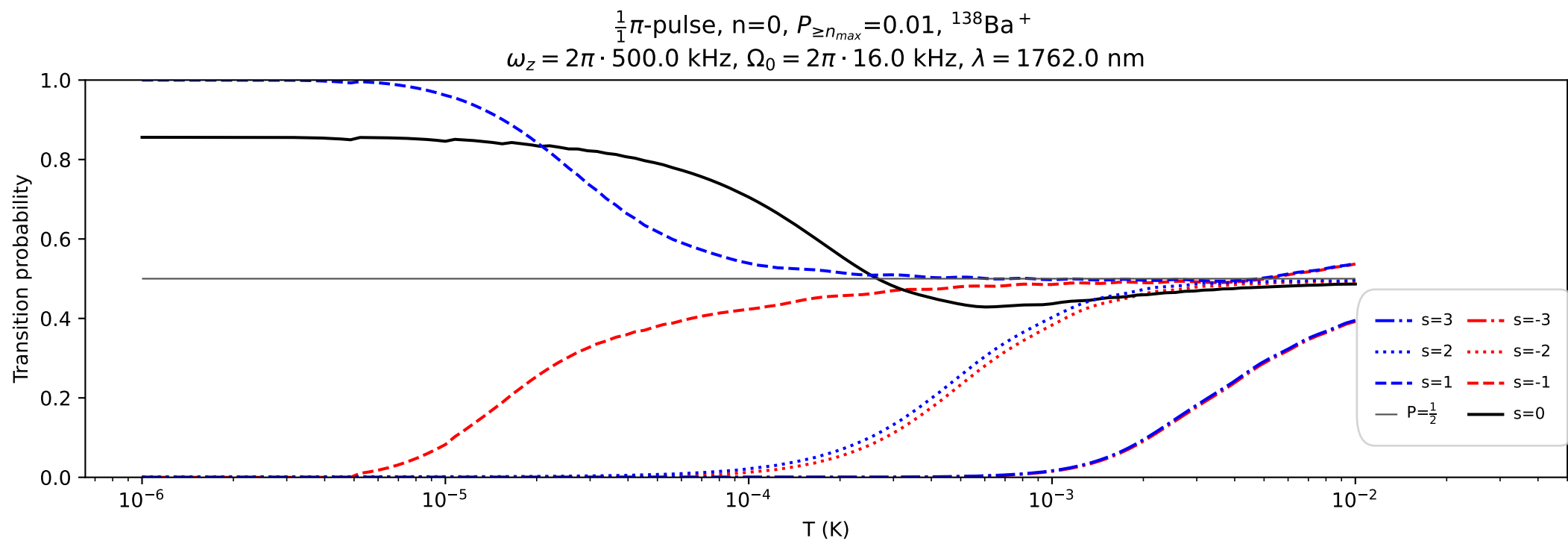


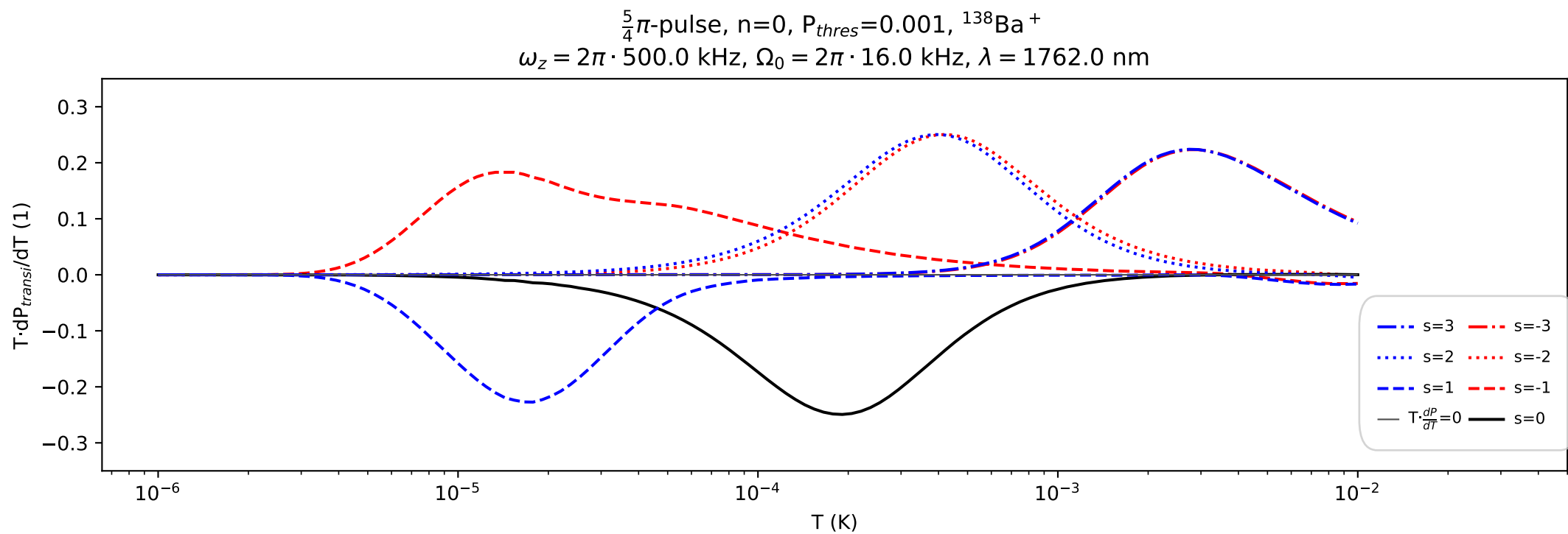
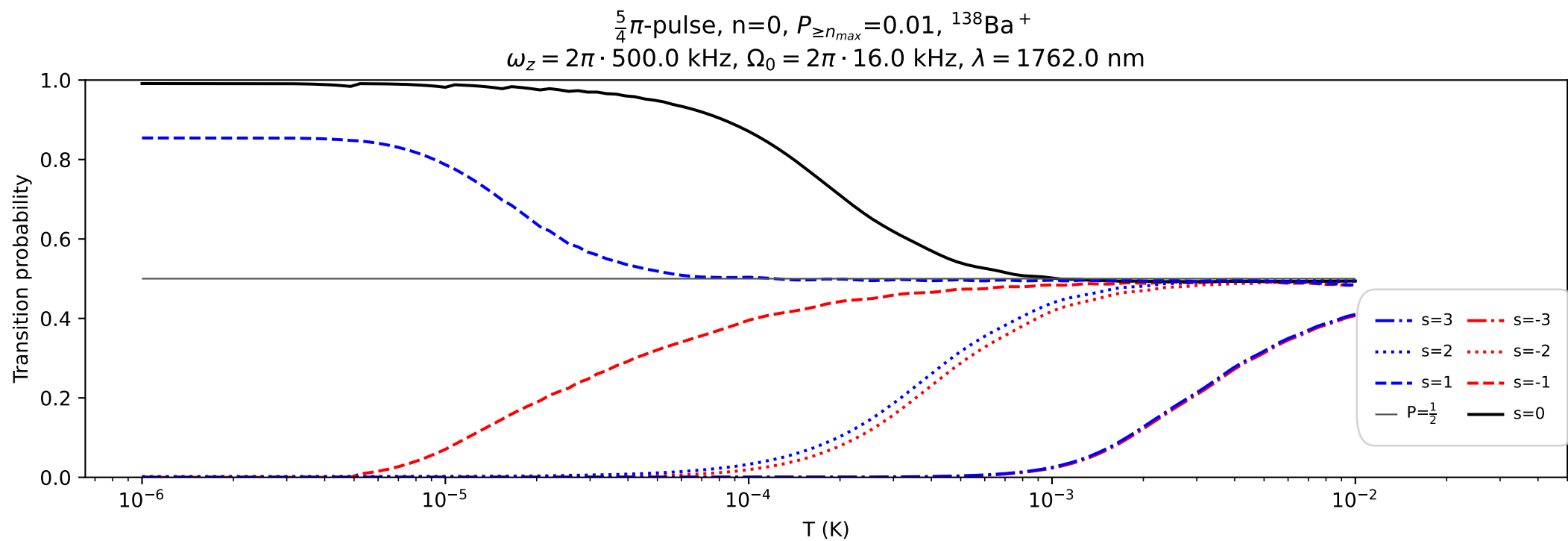
$\frac{3}{4}\pi$ -pulse, $n=0$, $P_{\geq n_{max}}=0.01$, $^{138}\text{Ba}^+$
 $\omega_z = 2\pi \cdot 500.0$ kHz, $\Omega_0 = 2\pi \cdot 16.0$ kHz, $\lambda = 1762.0$ nm

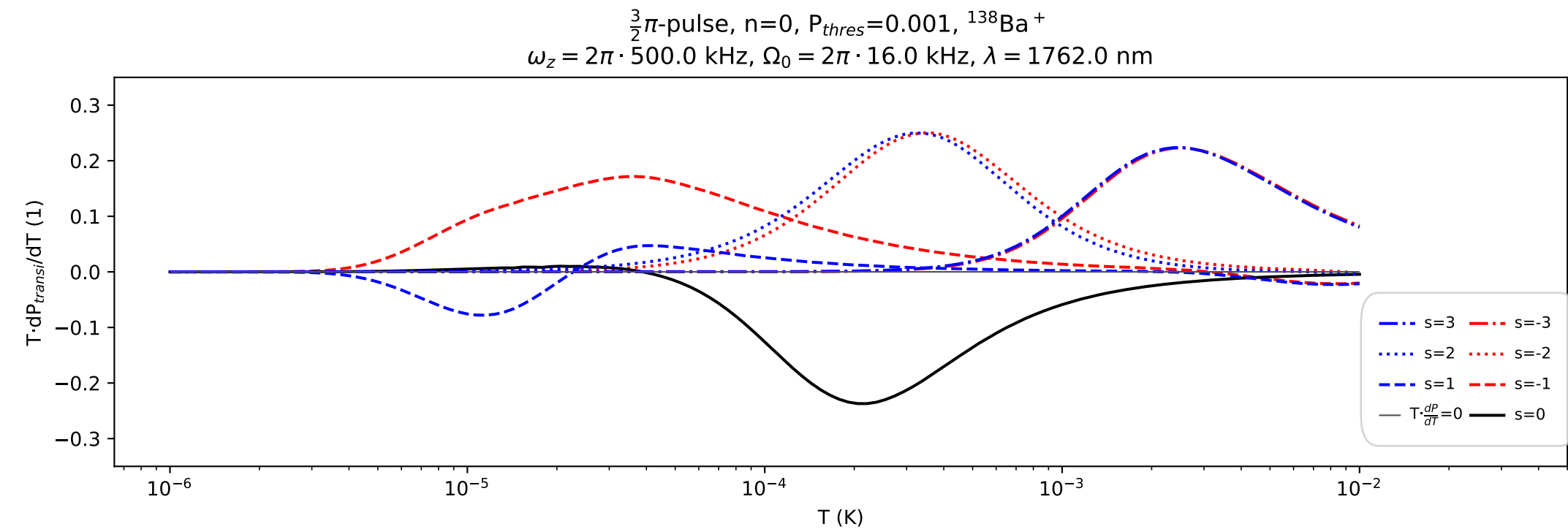
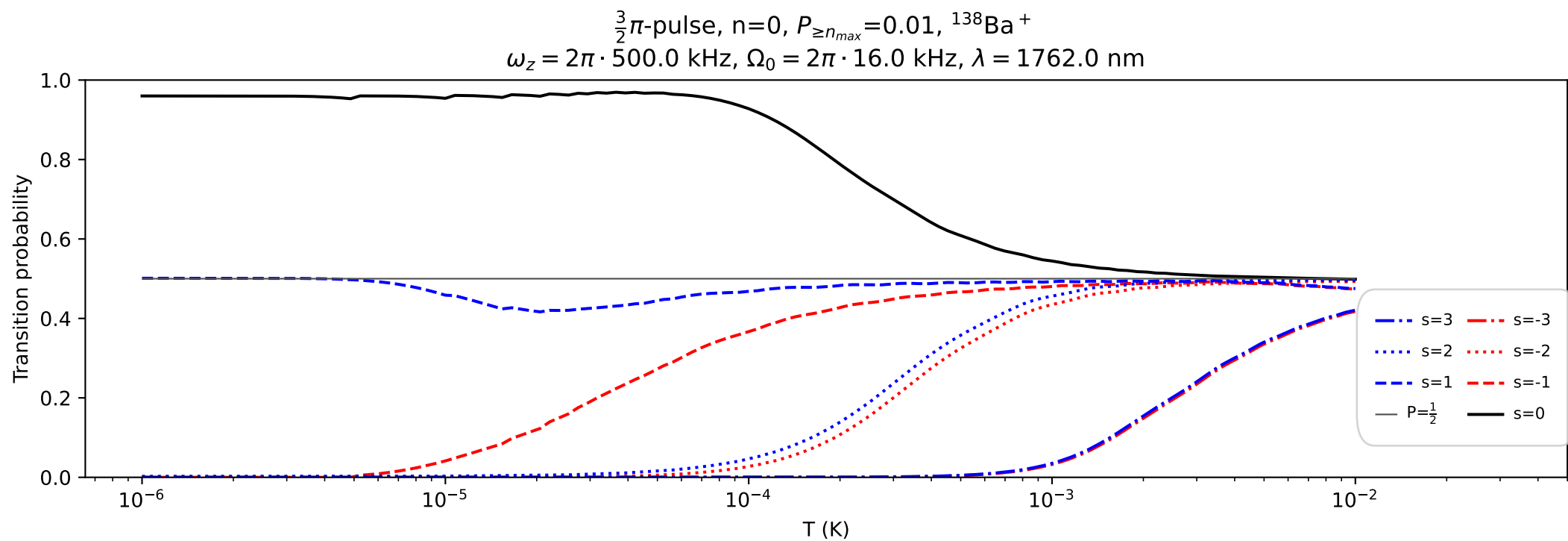


$\frac{3}{4}\pi$ -pulse, $n=0$, $P_{thres}=0.001$, $^{138}\text{Ba}^+$
 $\omega_z = 2\pi \cdot 500.0$ kHz, $\Omega_0 = 2\pi \cdot 16.0$ kHz, $\lambda = 1762.0$ nm

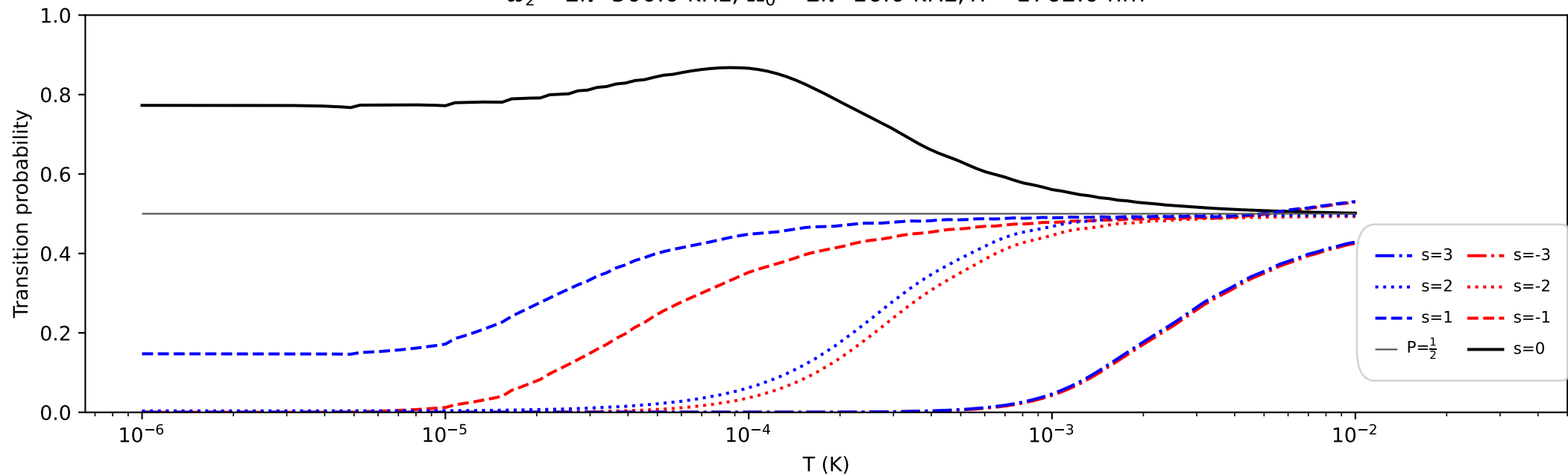




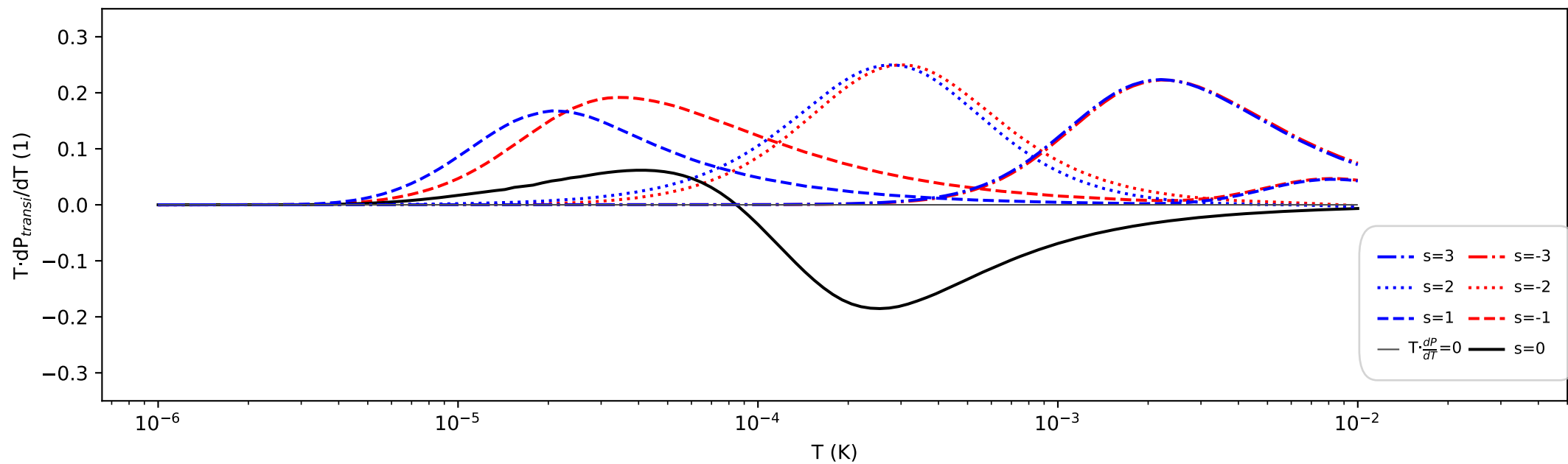




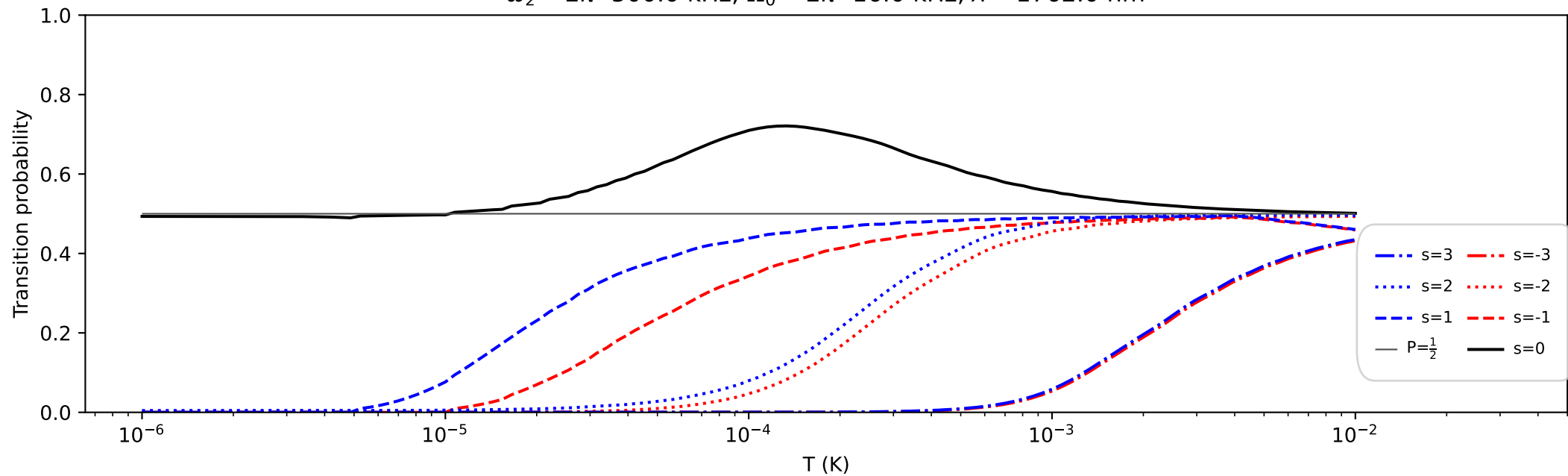
$\frac{7}{4}\pi$ -pulse, $n=0$, $P_{\geq n_{\max}}=0.01$, $^{138}\text{Ba}^+$
 $\omega_z = 2\pi \cdot 500.0$ kHz, $\Omega_0 = 2\pi \cdot 16.0$ kHz, $\lambda = 1762.0$ nm



$\frac{7}{4}\pi$ -pulse, $n=0$, $P_{\text{thres}}=0.001$, $^{138}\text{Ba}^+$
 $\omega_z = 2\pi \cdot 500.0$ kHz, $\Omega_0 = 2\pi \cdot 16.0$ kHz, $\lambda = 1762.0$ nm



$\frac{2}{1}\pi$ -pulse, $n=0$, $P_{\geq n_{max}}=0.01$, $^{138}\text{Ba}^+$
 $\omega_z = 2\pi \cdot 500.0$ kHz, $\Omega_0 = 2\pi \cdot 16.0$ kHz, $\lambda = 1762.0$ nm



$\frac{2}{1}\pi$ -pulse, $n=0$, $P_{thres}=0.001$, $^{138}\text{Ba}^+$
 $\omega_z = 2\pi \cdot 500.0$ kHz, $\Omega_0 = 2\pi \cdot 16.0$ kHz, $\lambda = 1762.0$ nm

