



The function $w(E) = -1/2 \text{Log } I(E)$ found by numerical integration with exact quantum wavefunctions at points of the discrete spectrum, $E = E_n$, $n = 0, 1, \dots, J-1$ (red dots) and results of estimation of the phase space integral (dashed green and dotted blue lines). The acceptor is **Poeschl - Teller** oscillator.