$\langle \hat{x} \rangle$ for $n = 1$ photon addition, $r \leq 0$

Legend:
- $r = -0.0$
- $r = -0.1$
- $r = -0.25$
- $r = -0.5$
- $r = -1.0$

Axes: $\langle \hat{x} \rangle$ (vertical), α (horizontal)