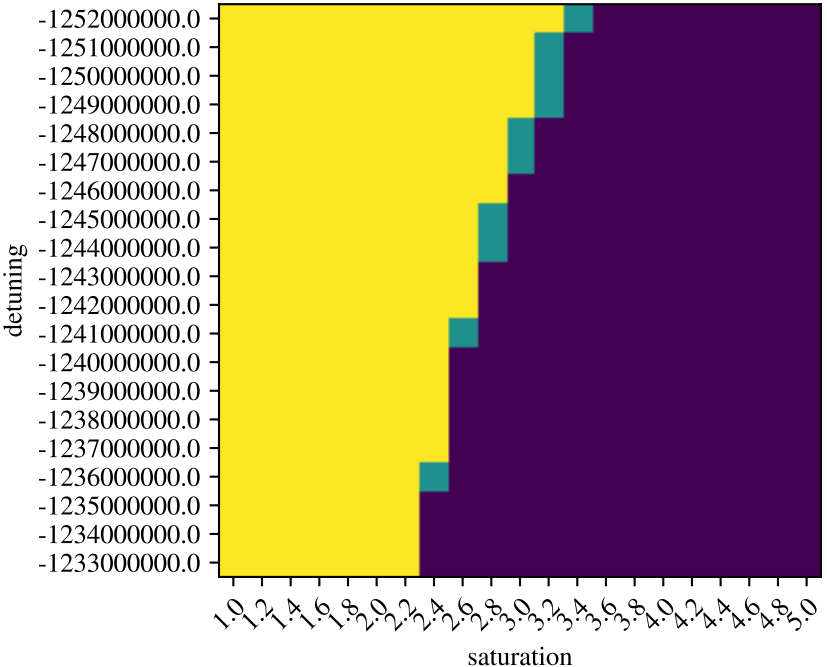Motion of Er atoms in ZS (ideal detuning = -1172 MHz, cutoff 5 m/s)