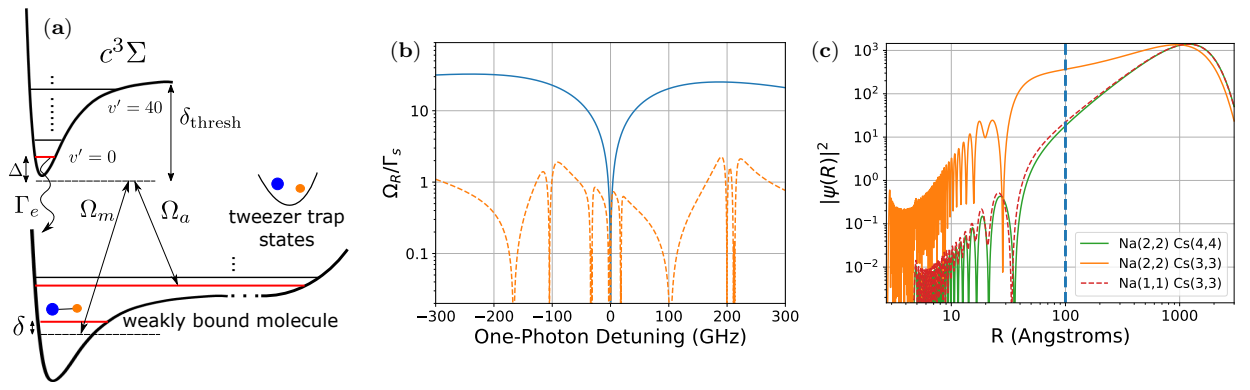
(a)
$c^3\Sigma$
$v' = 40$
δ_{thresh}
$v' = 0$
Δ
Γ_e
Ω_m
Ω_a
tweezer trap states
δ
weakly bound molecule
(b)
Ω_R/Γ_s
10
1
0.1
−300
−200
−100
0
100
200
300
One-Photon Detuning (GHz)
(c)
$|\psi(R)|^2$
10^3
10^2
10^1
10^0
10^{-1}
10^{-2}
10
100
1000
R (Angstroms)
Na(2,2) Cs(4,4)
Na(2,2) Cs(3,3)
Na(1,1) Cs(3,3)