

0_0^0 $\tilde{X}^2\Sigma^+$

— C_2D^- PES
— Σ Symmetry
— Π Symmetry

$\tilde{A}^2\Pi$

2_1^1

2_0^1

3_0^1

$2_0^1 3_0^1$

$2_0^3 3_0^1$

b

a

c

Excitation Energy (cm^{-1})

