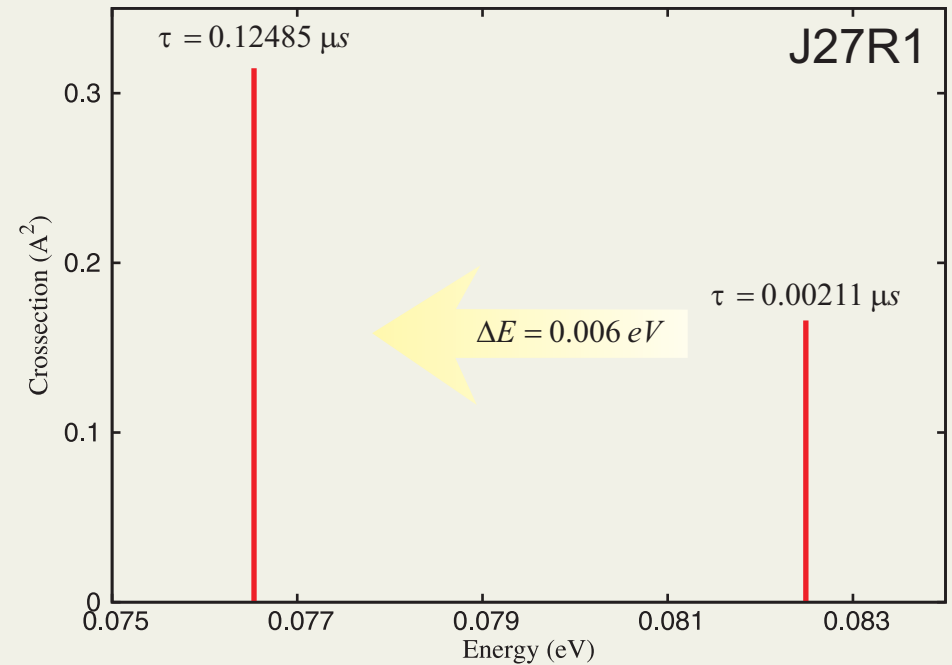
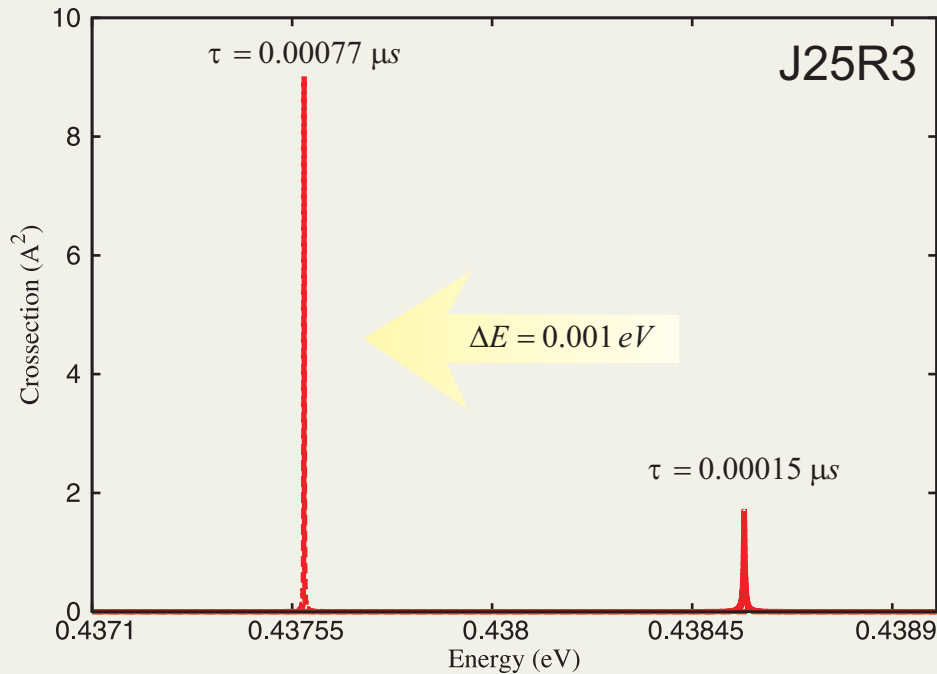
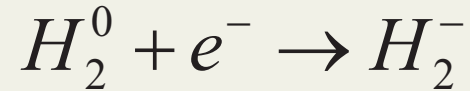


Update: calculations sensitivity to potential variation



| | E_R^1 , eV | $\sum c_{1i}^2$ | Γ , eV | lifetime, μs | γ_1^2 , a.u. | γ_2^2 , a.u. | γ_D^2 , a.u. | $\sum \gamma_i^2$, a.u. | Γ , a.u. |
|-------|--------------|-----------------|---------------|-------------------------|---------------------|---------------------|---------------------|--------------------------|-----------------|
| J27R1 | 0.082492 | 0.2122e-15 | 0.3119e-6 | 0.00211 | 0.3168e-11 | 0.1183e-7 | - | 0.1185e-7 | 0.1145e-7 |
| J25R3 | 0.438567 | 0.2140e-11 | 4.2533e-6 | 0.00015 | 0.2375e-08 | 0.4694e-8 | 0.1523e-6 | 0.1593e-6 | 0.1561e-6 |
| J27R1 | 0.076533 | 0.1068e-18 | 0.5277e-8 | 0.12485 | 0.2739e-11 | 0.4158e-11 | - | 0.6897e-11 | 19.3673e-11 |
| J25R3 | 0.437577 | 0.4654e-12 | 0.8610e-6 | 0.00077 | 0.2581e-08 | 0.5061e-8 | 0.2427e-7 | 0.3191e-7 | 0.3160e-7 |