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runner-up “student - young researcher” LAP2010 presentation prize

Presentation: *photodetachment studies of negative ions*

**Properties of negative ions**

- Small binding energy ( $\sim 1$  eV)
- Few, if any, excited states.
- Almost no excited states with opposite parity  $\rightarrow$  No optically allowed transitions.
- Electron correlation of great importance.

Energy

EA

$X^-$   $X$

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