

# P5407: THE ISOTOPE SHIFT IN OPTICAL SPECTRA OF MoO MOLECULE

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- Four rotational- and isotope-resolved excitation spectra of the MoO molecule are observed and assigned.
- The large isotope shifts and molecular constants of the MoO isotopologues are obtained.
- Isotope effects in the vibrational levels and rotational structure are analyzed.
- MoO can be a benchmark to understand the isotope effect in the diatomic molecule.

