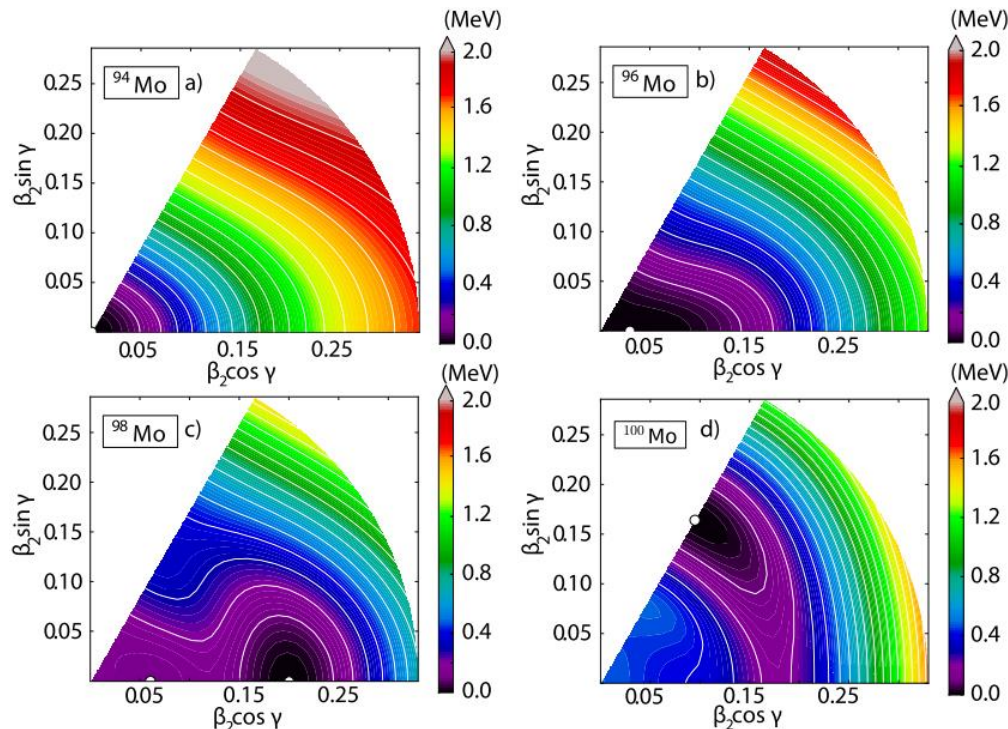


# Study of Shape Coexistence in $^{96,98}\text{Mo}$



$\gamma\gamma$  angular correlations for  $\gamma$  transitions and lifetimes were measured for levels in  $^{96}\text{Mo}$  and  $^{98}\text{Mo}$ . Both mean-field and IBM-2 calculations indicate shape coexistence in  $^{98}\text{Mo}$ . The fragmentation of M1 transition strengths in both  $^{96}\text{Mo}$  and  $^{98}\text{Mo}$  can be understood by using two IBM-2 Hamiltonians that produces configuration mixing.

