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

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