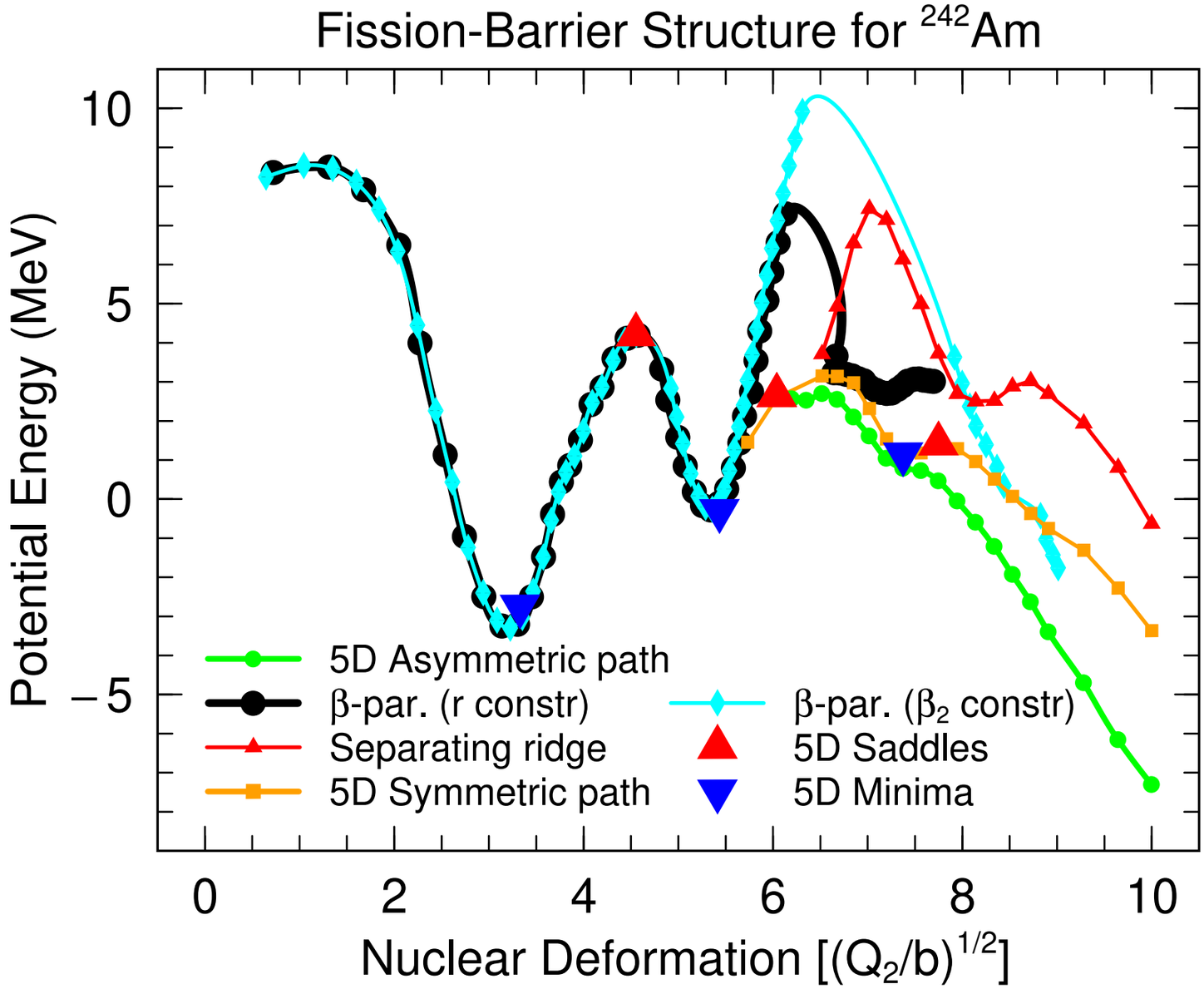
Fission-Barrier Structure for ^{242}Am
Potential Energy (MeV)
10
5
0
−5
0
2
4
6
8
10
Nuclear Deformation [$(Q_2/b)^{1/2}$]
5D Asymmetric path
β-par. (r constr)
Separating ridge
5D Symmetric path
β-par. (β_2 constr)
5D Saddles
5D Minima