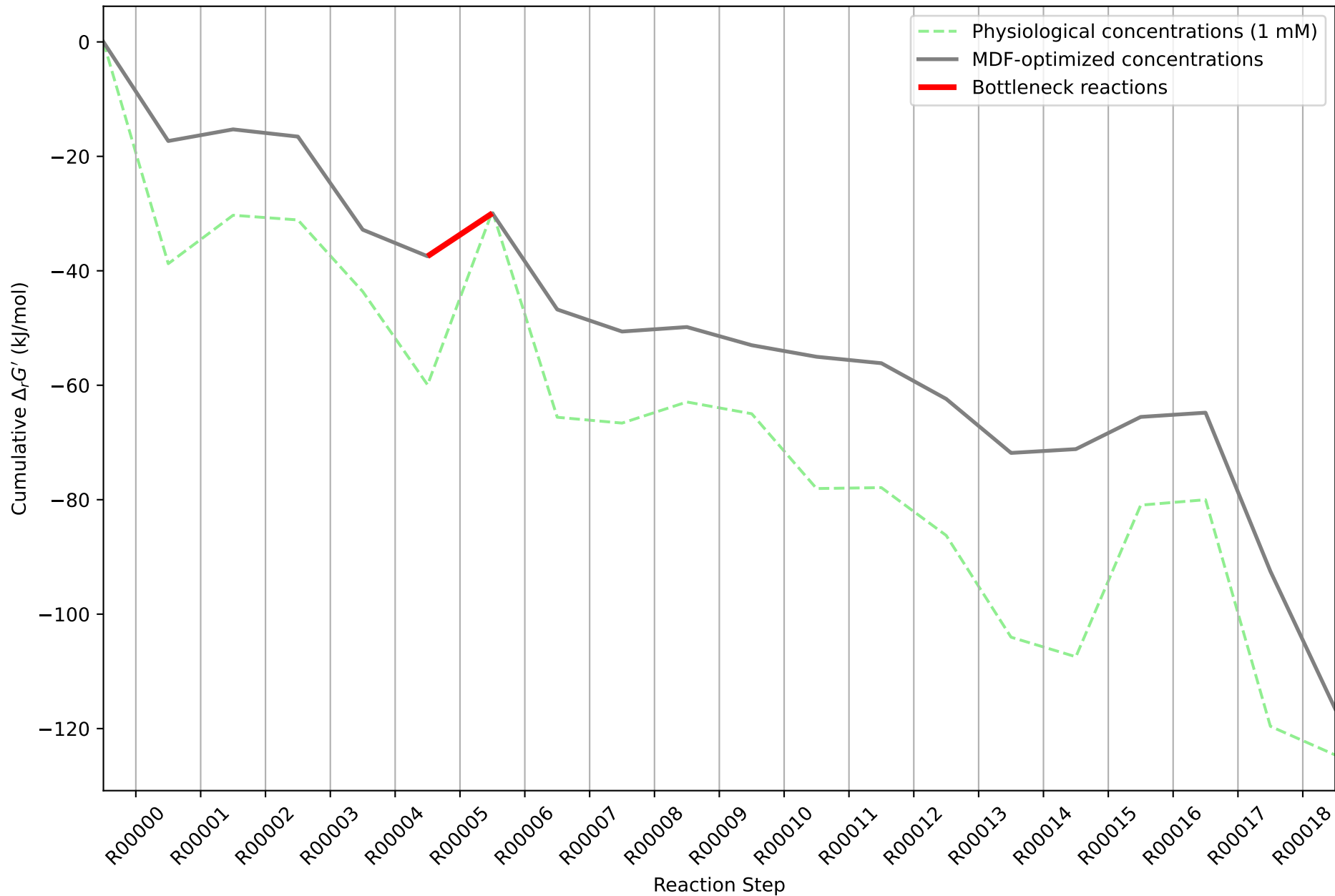


MDF = -7.52 kJ/mol



14\_benzoquinones + ATP + 2 Acetyl\_CoA + 4 H2O + Nicotinamide\_adenine\_dinucleotide + Nicotinamide\_adenine\_dinucleotide\_phosphate = ADP + CO2 + 2 Coenzyme\_A + Hydroquinone + Nicotinamide\_adenine\_dinucleotide\_phosphate\_reduced + Nicotinamide\_adenine\_dinucleotide\_reduced + Phosphate + Pyruvate