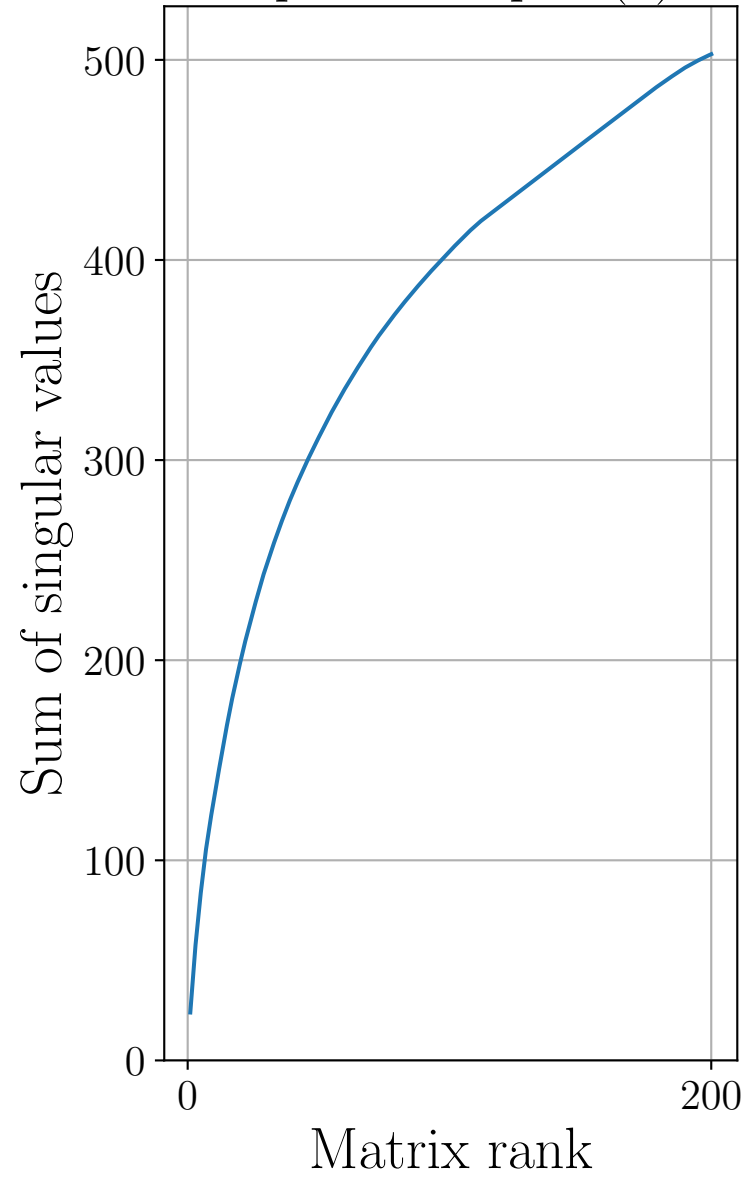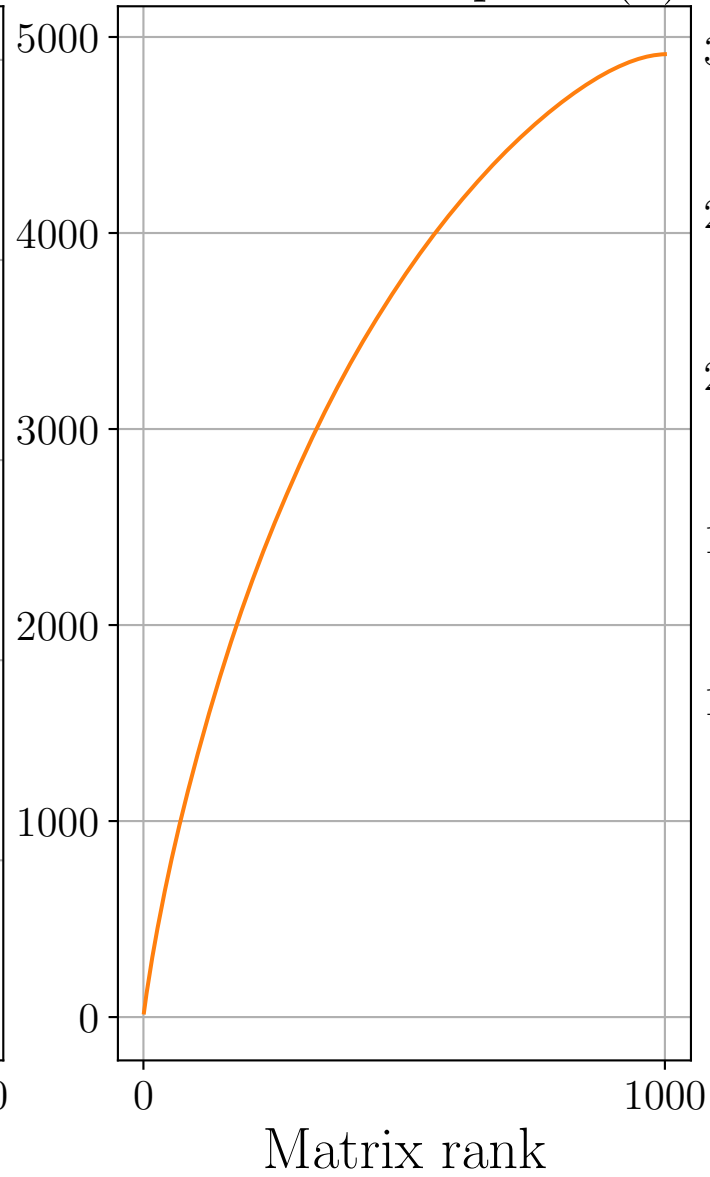Variation of sum of singular values with ranks of the matrices