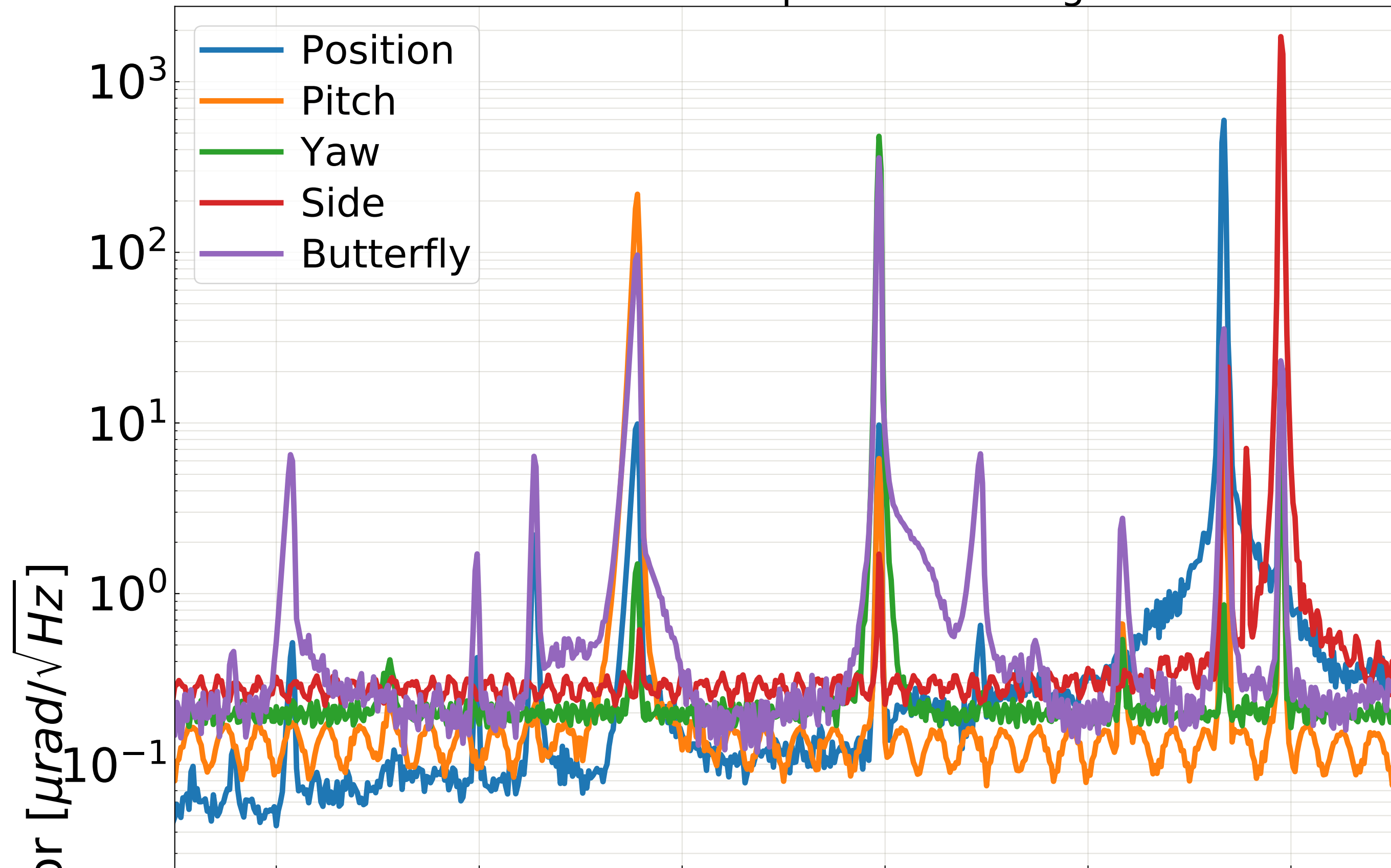
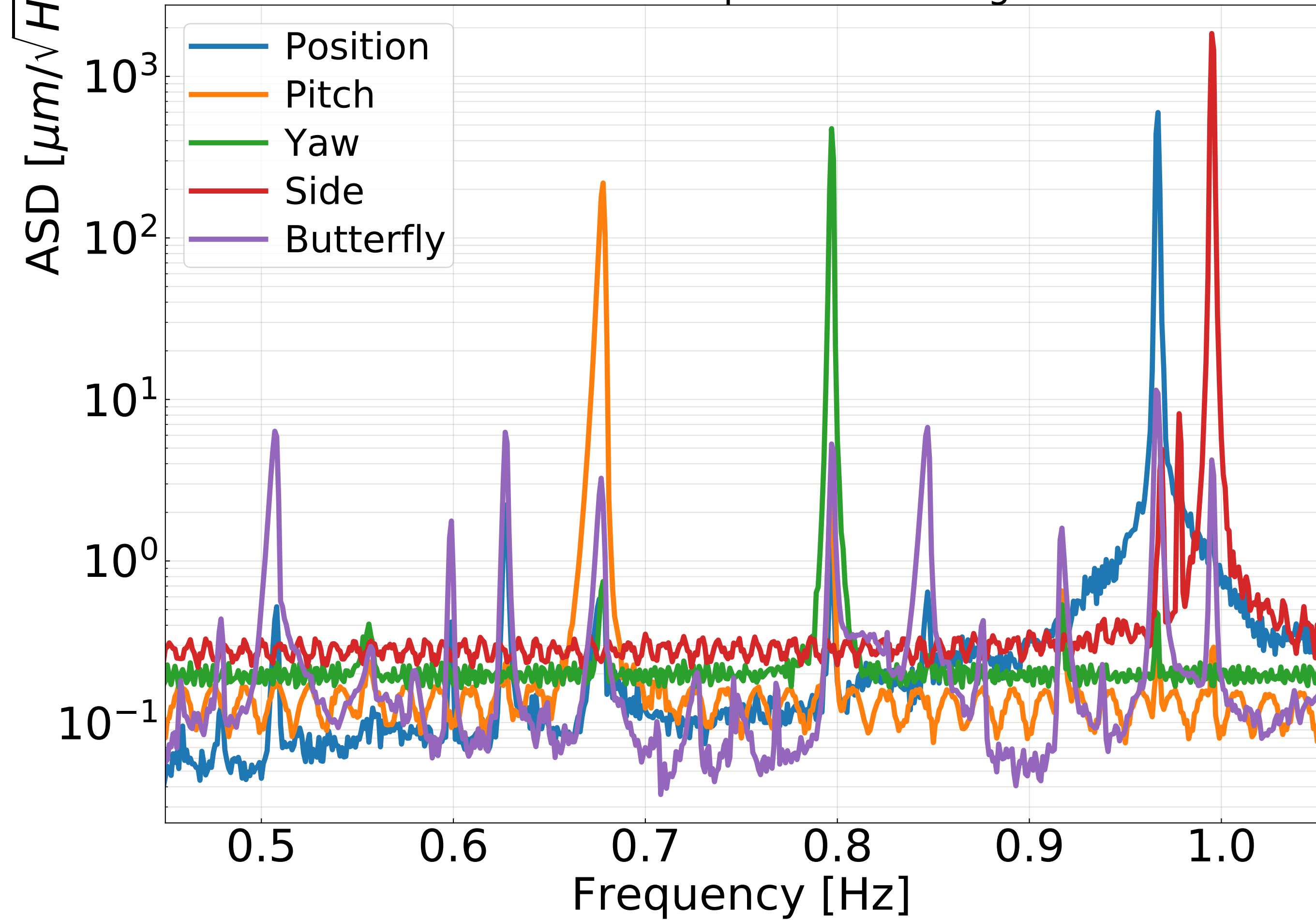


Free Swinging Data for MC1

Calculated DOFs before Input Matrix Diagonalization

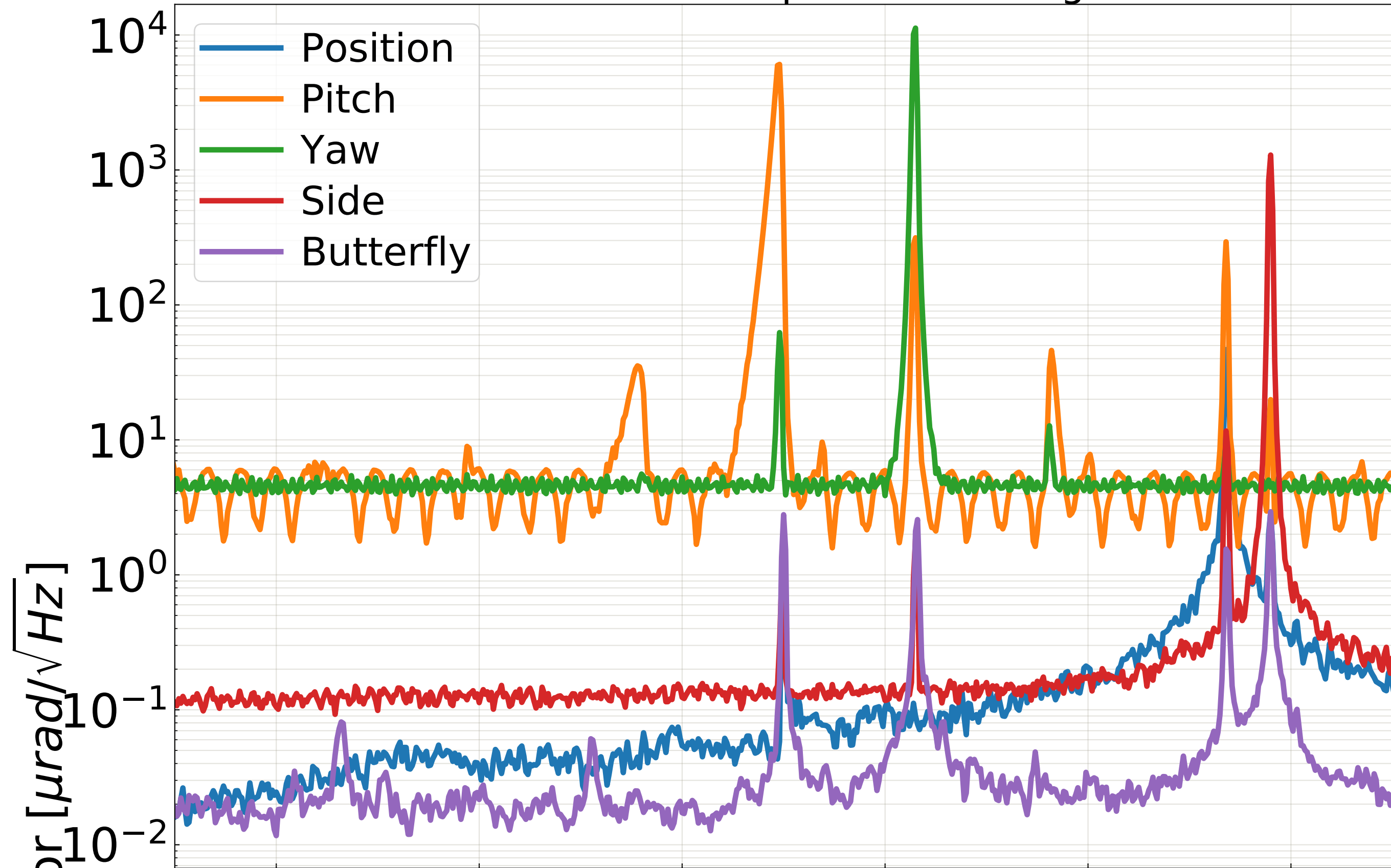


Calculated DOFs after Input Matrix Diagonalization

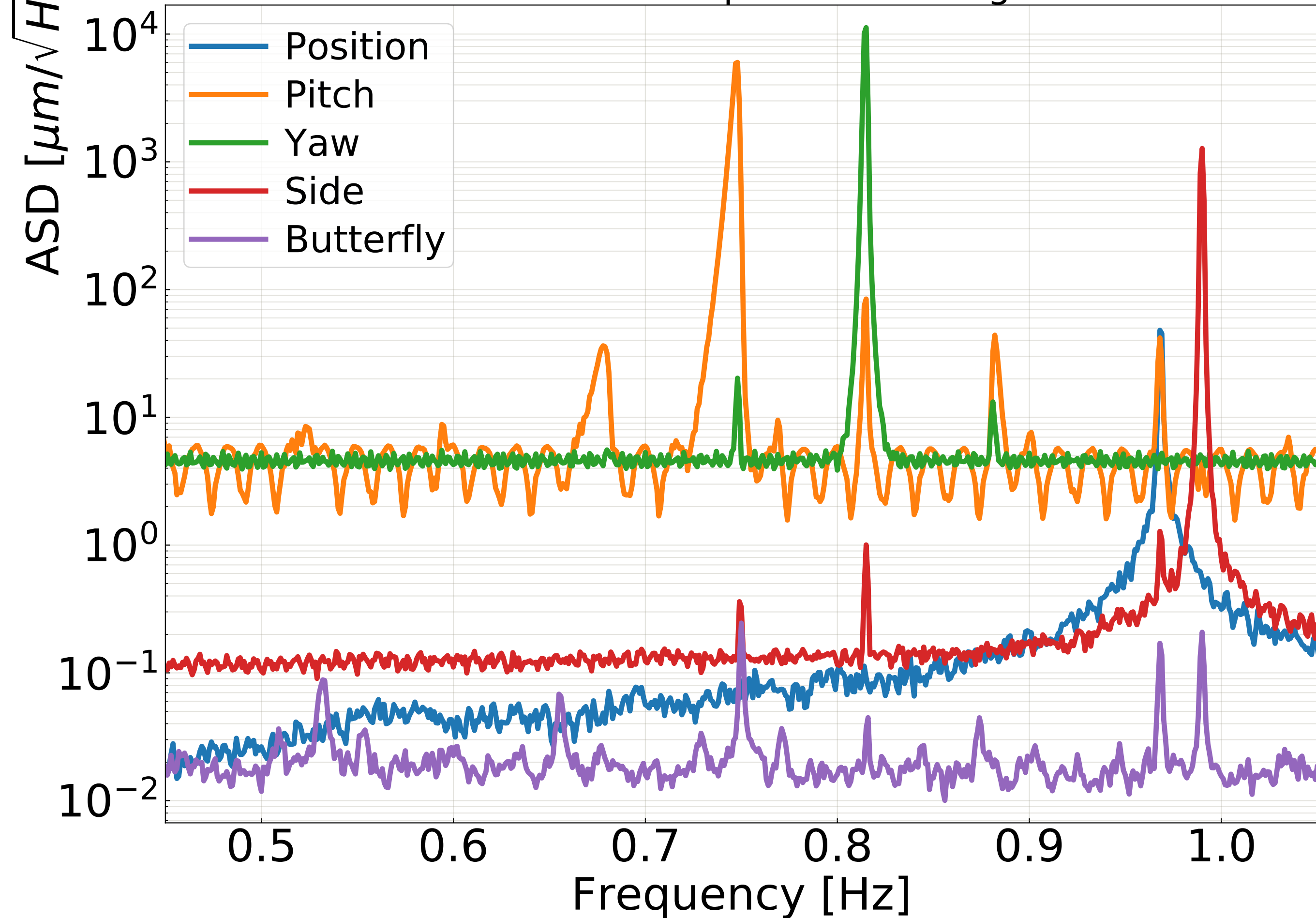


Free Swinging Data for MC2

Calculated DOFs before Input Matrix Diagonalization

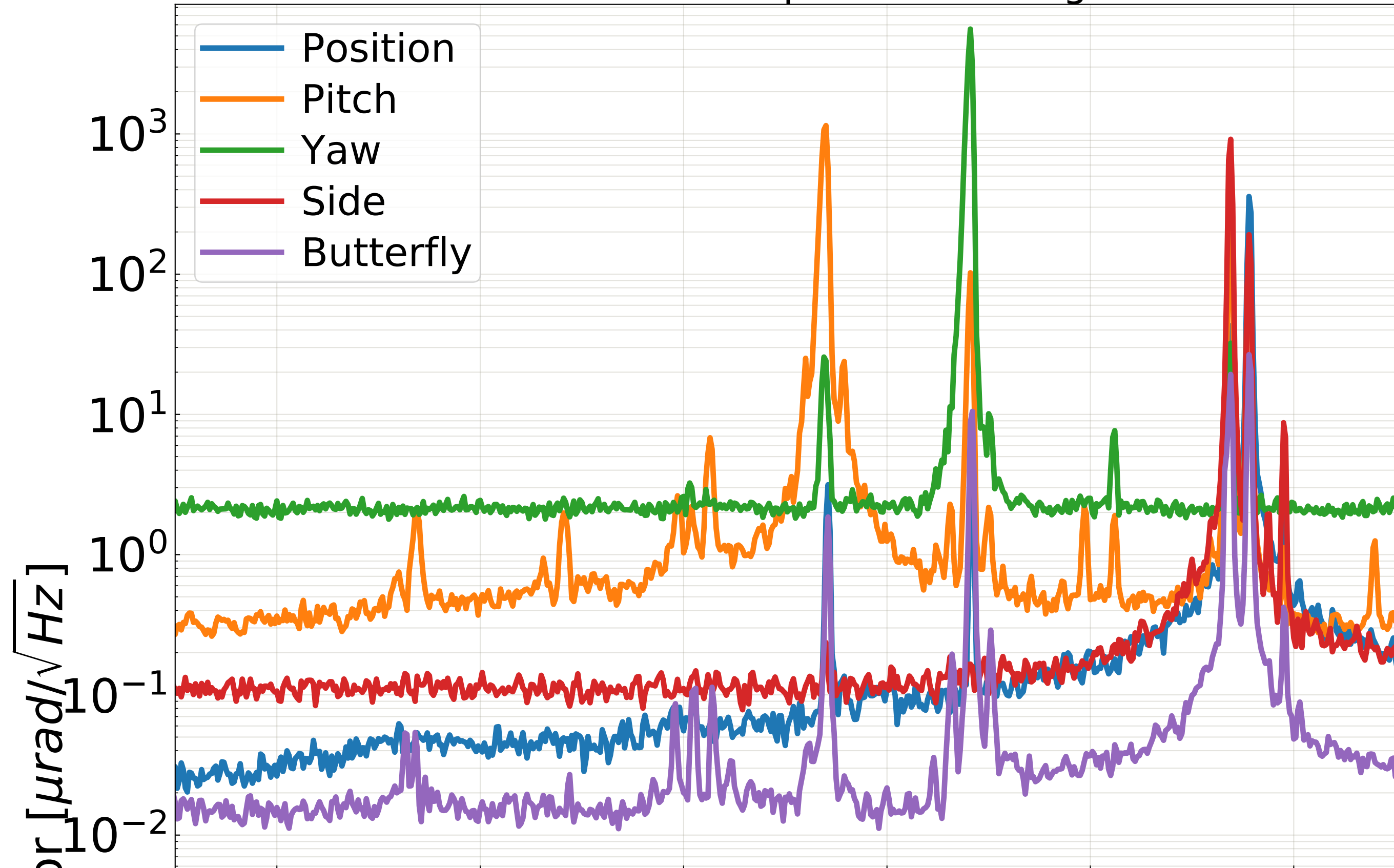


Calculated DOFs after Input Matrix Diagonalization

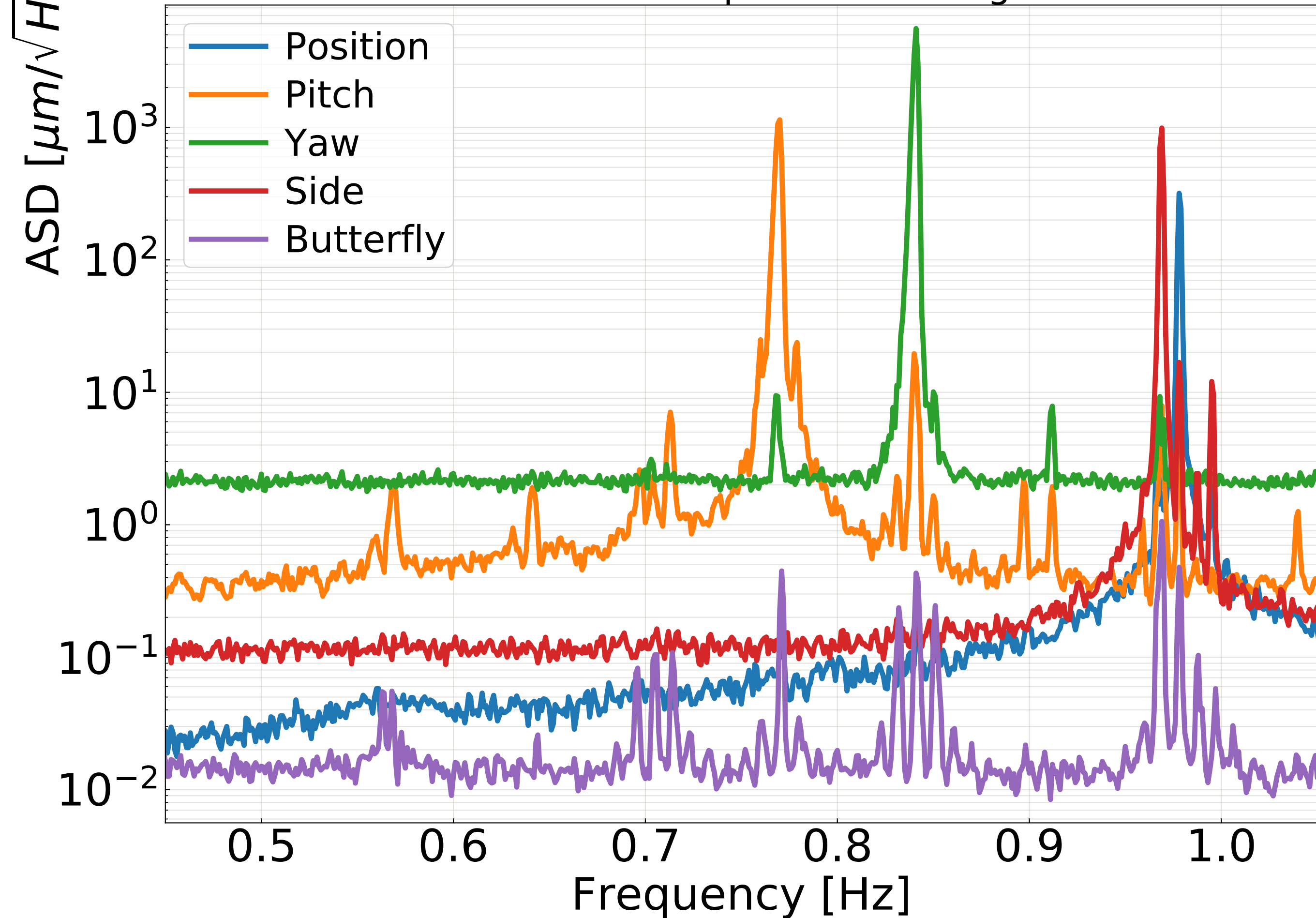


Free Swinging Data for MC3

Calculated DOFs before Input Matrix Diagonalization

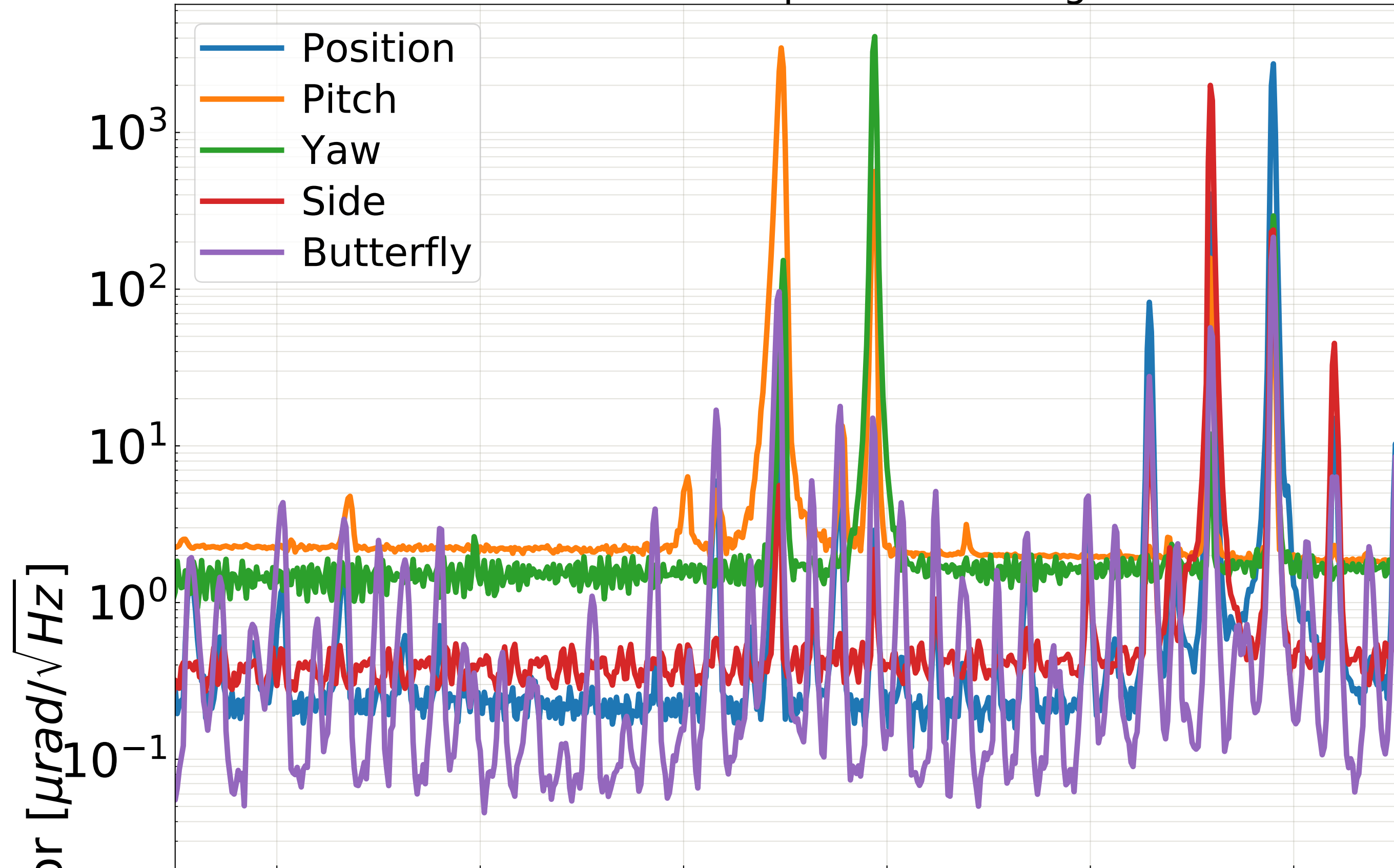


Calculated DOFs after Input Matrix Diagonalization

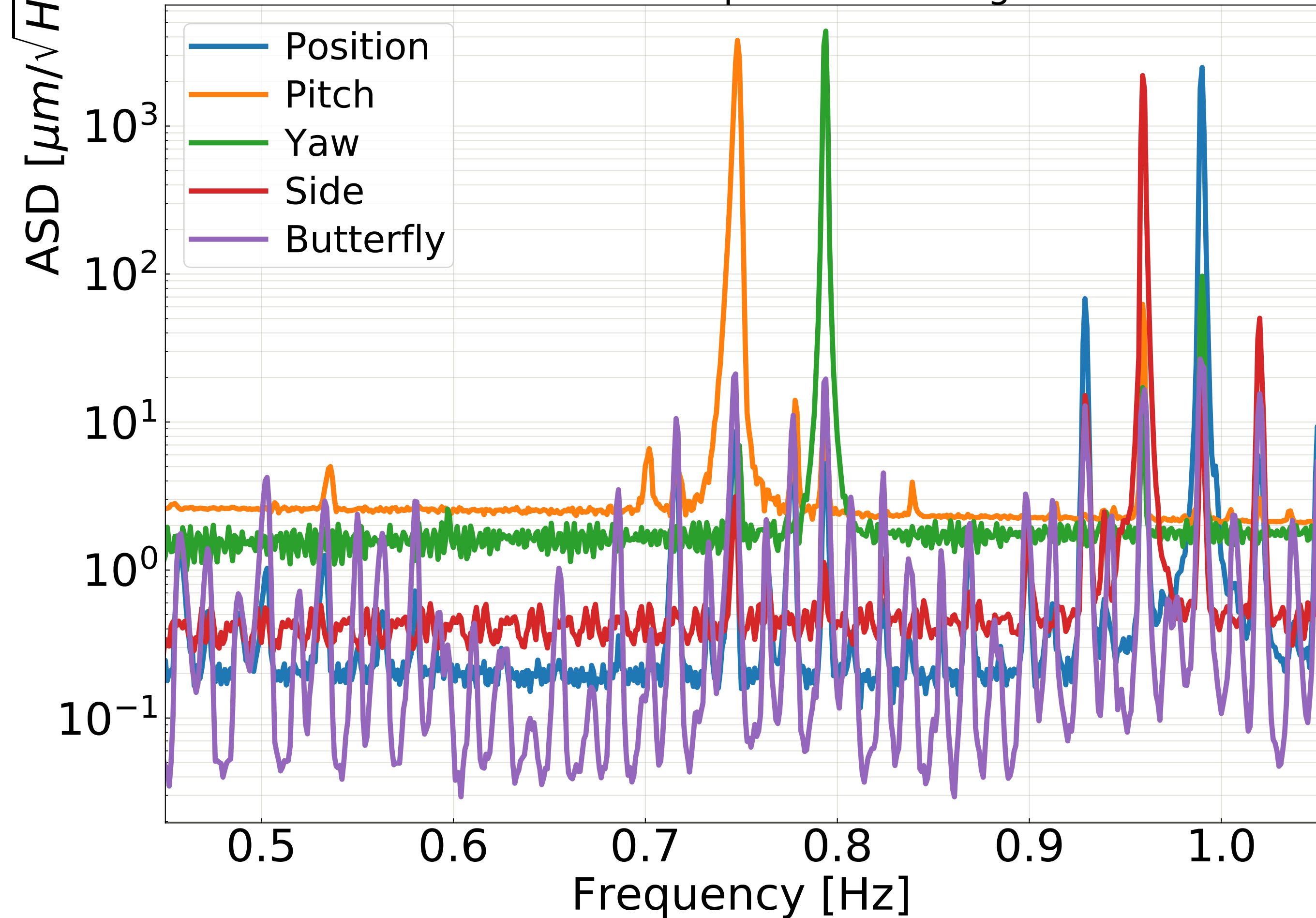


Free Swinging Data for BS

Calculated DOFs before Input Matrix Diagonalization

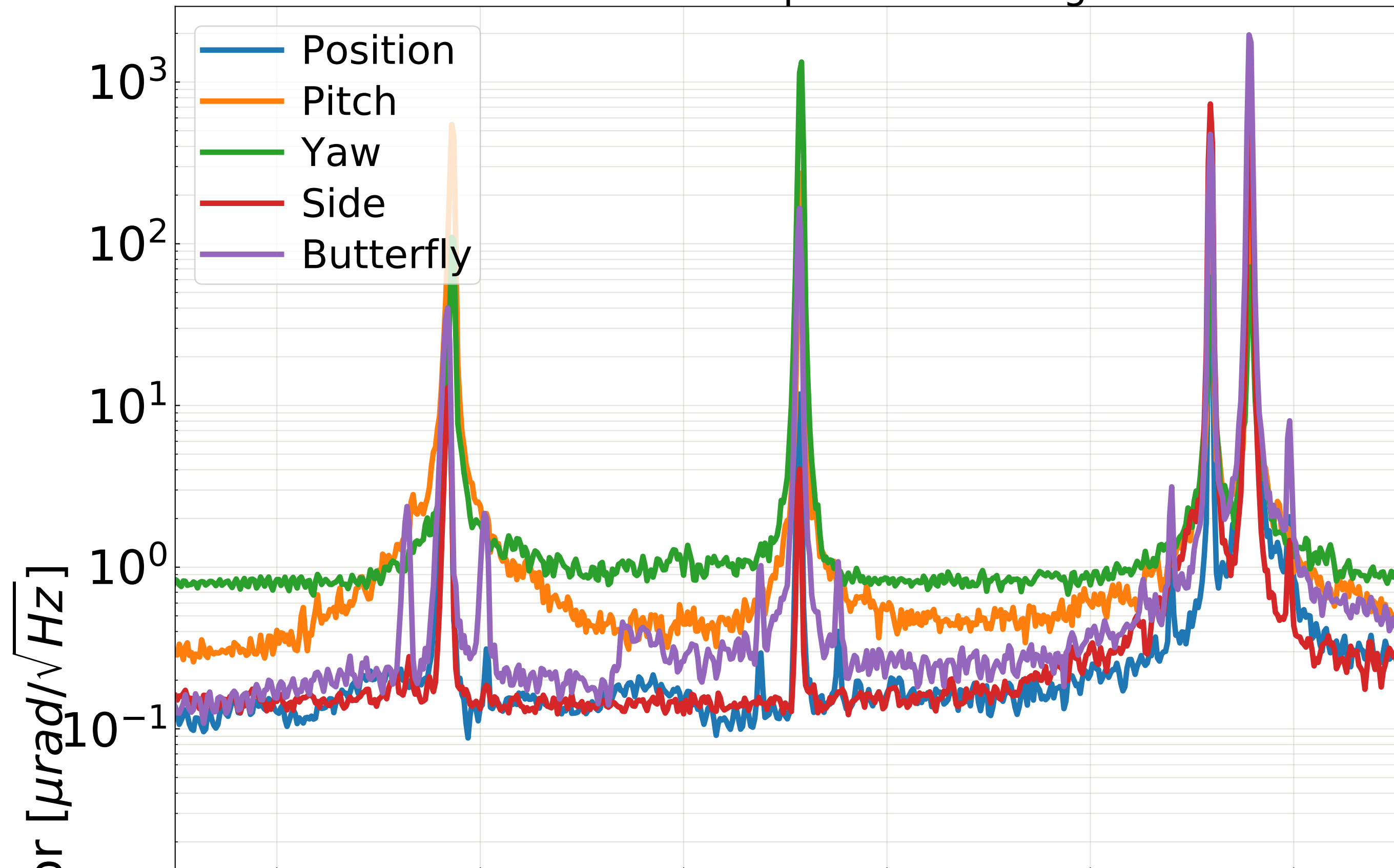


Calculated DOFs after Input Matrix Diagonalization

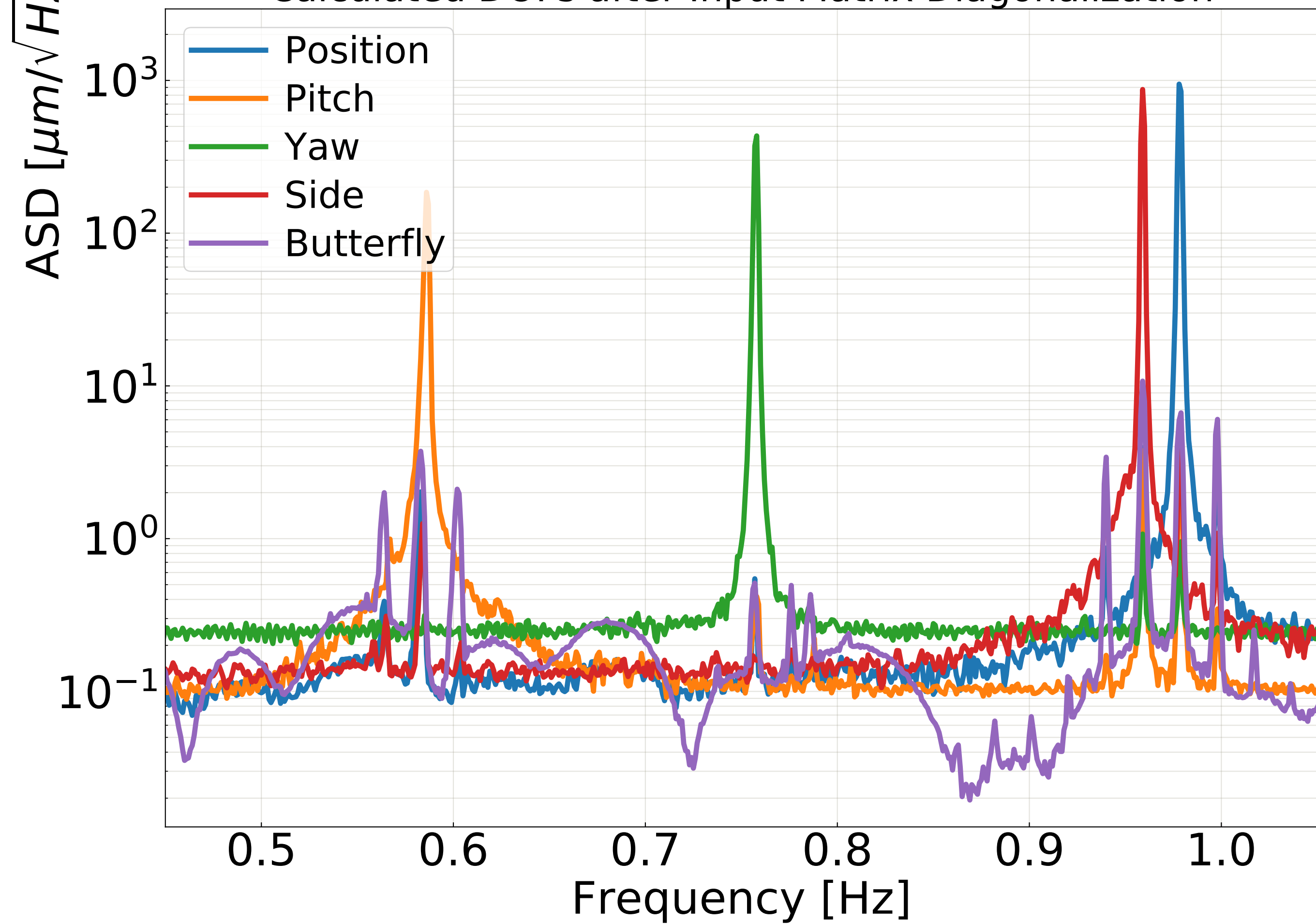


Free Swinging Data for ITMX

Calculated DOFs before Input Matrix Diagonalization

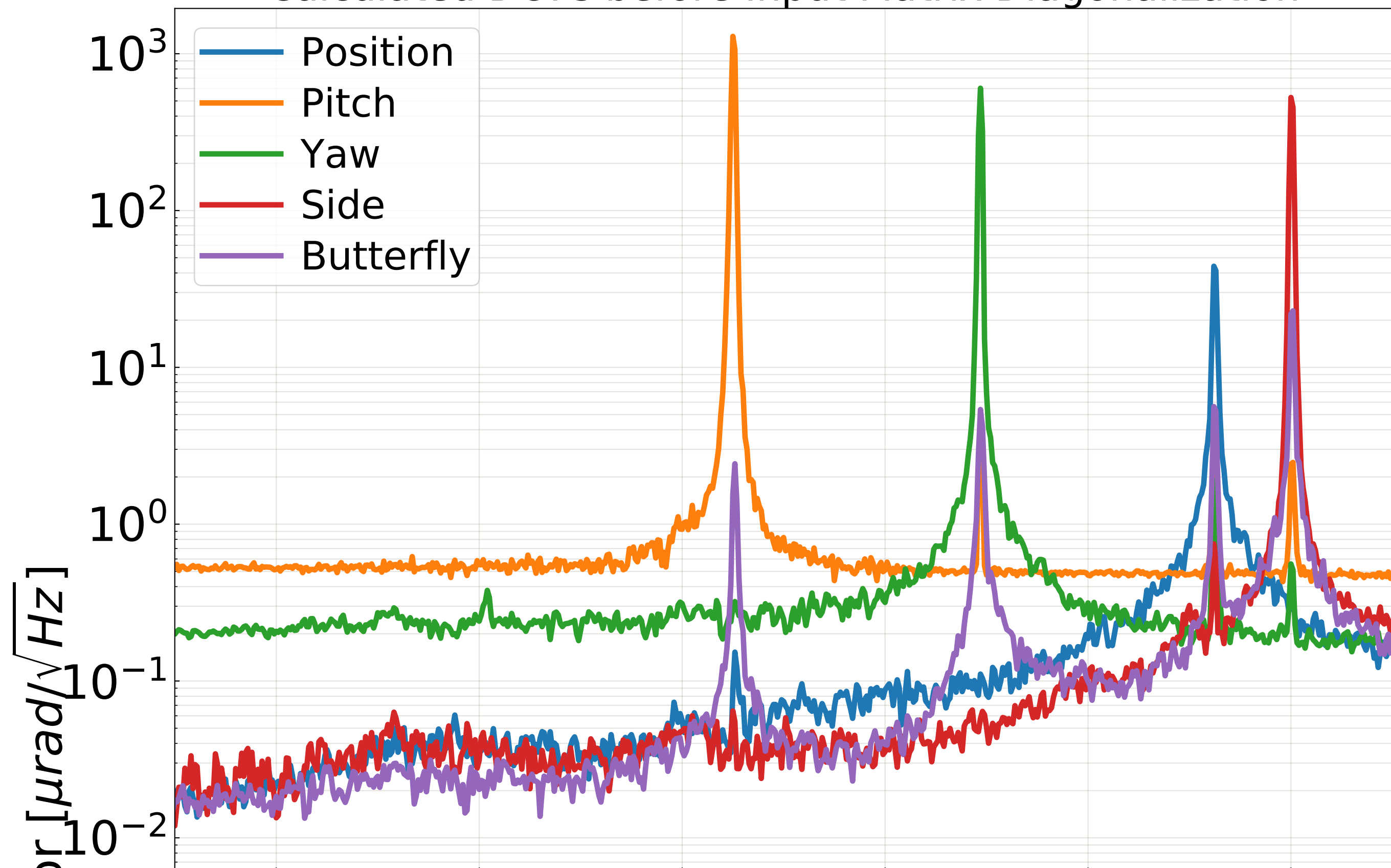


Calculated DOFs after Input Matrix Diagonalization

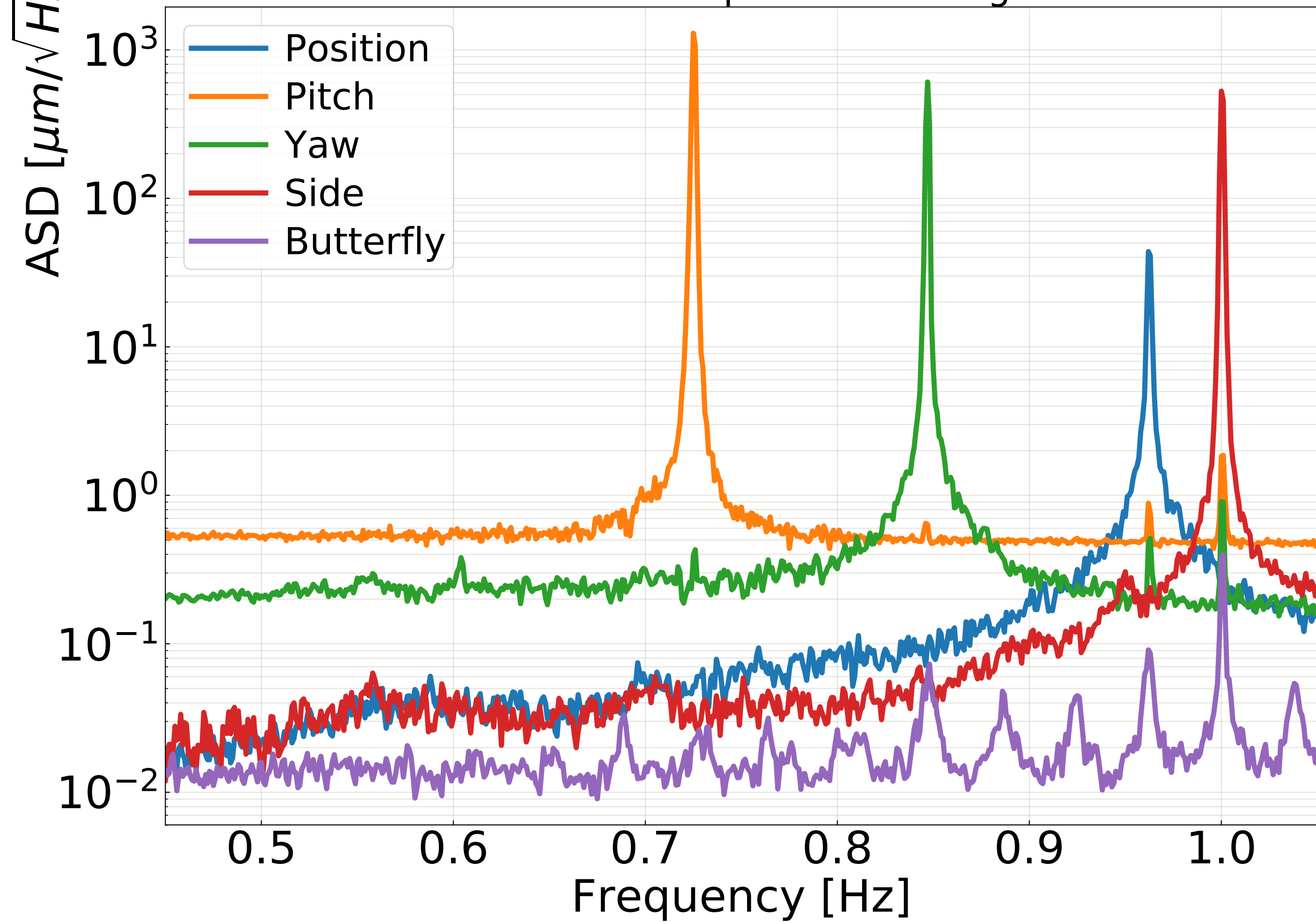


Free Swinging Data for ETMX

Calculated DOFs before Input Matrix Diagonalization

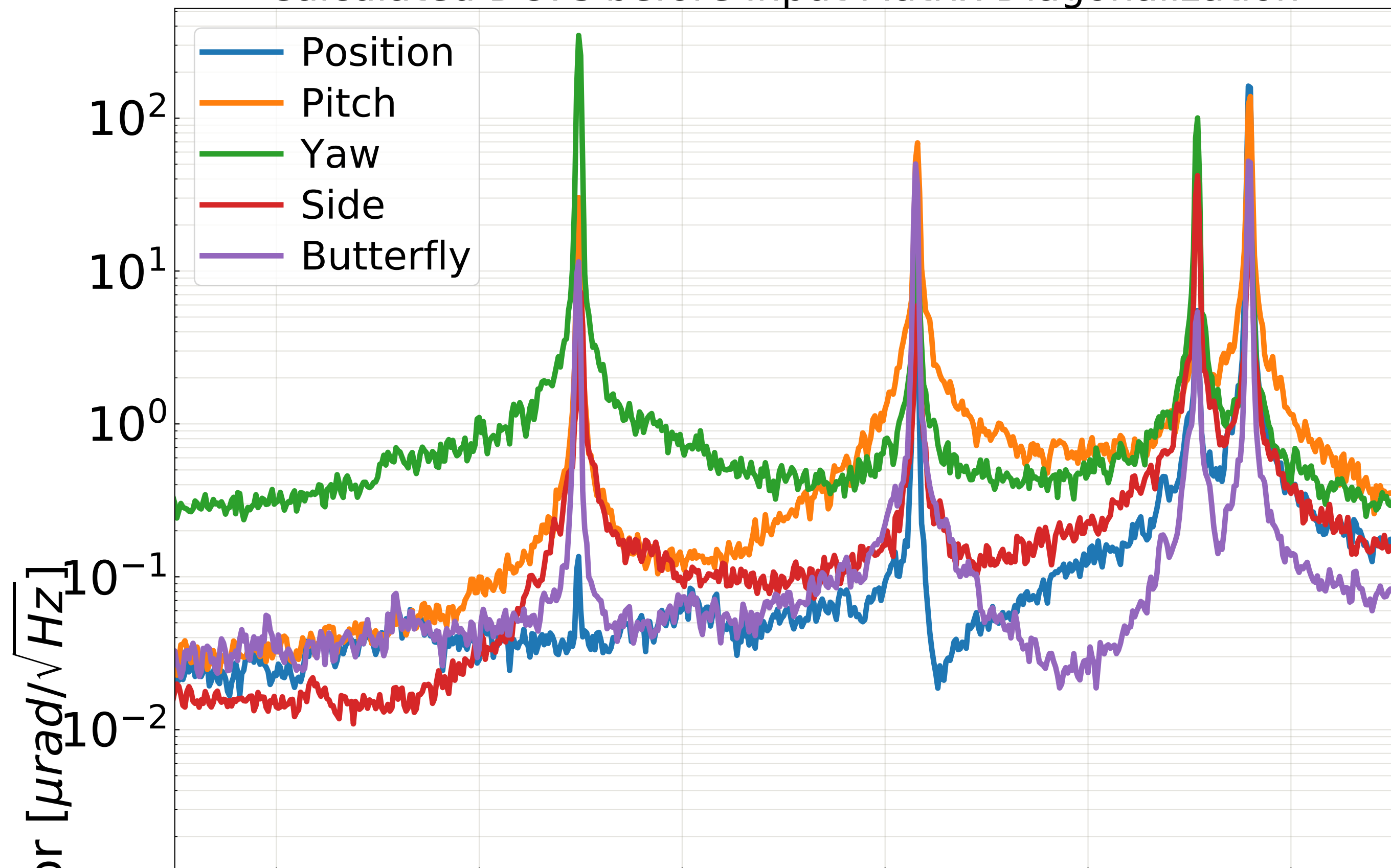


Calculated DOFs after Input Matrix Diagonalization

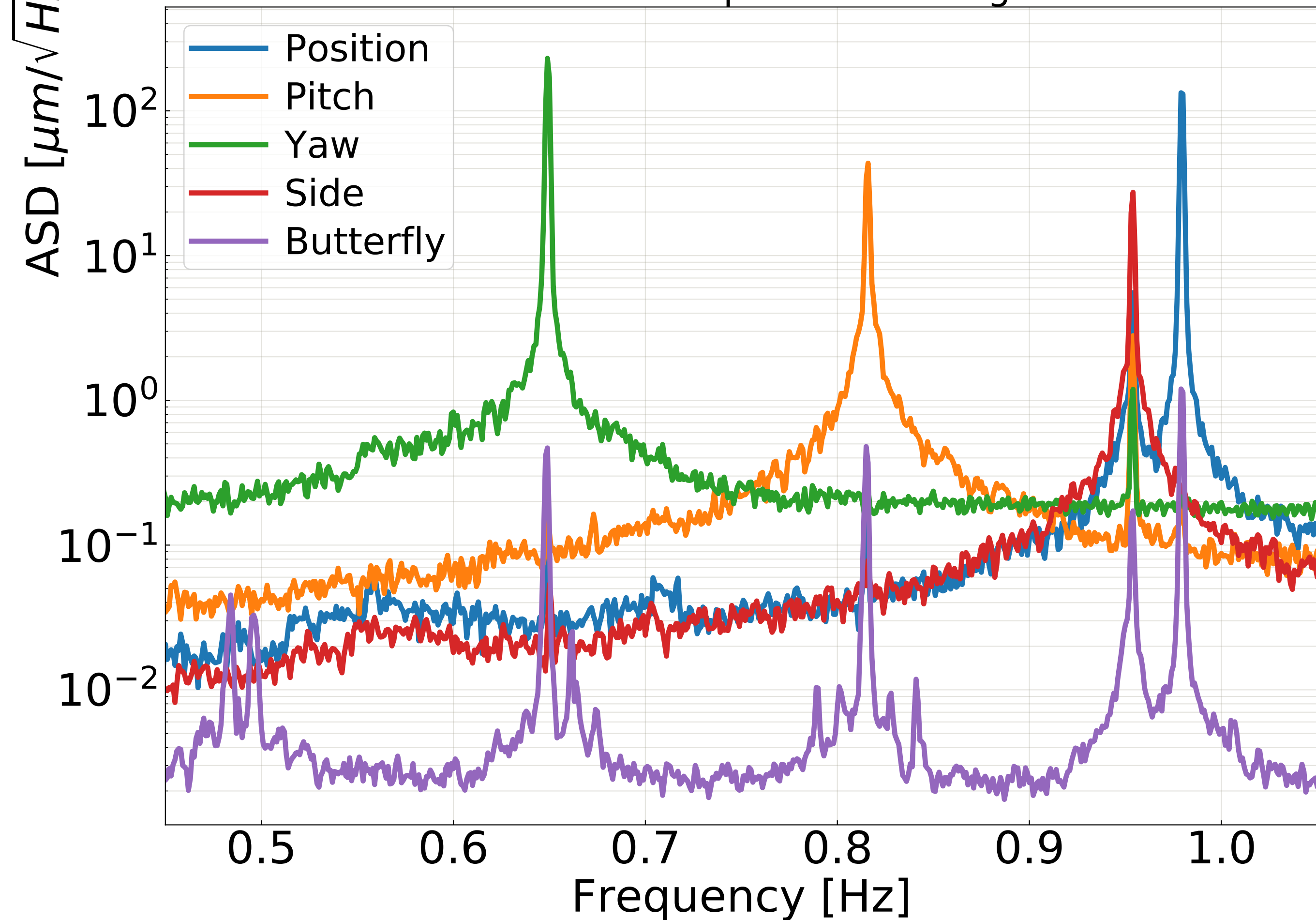


Free Swinging Data for ETMY

Calculated DOFs before Input Matrix Diagonalization

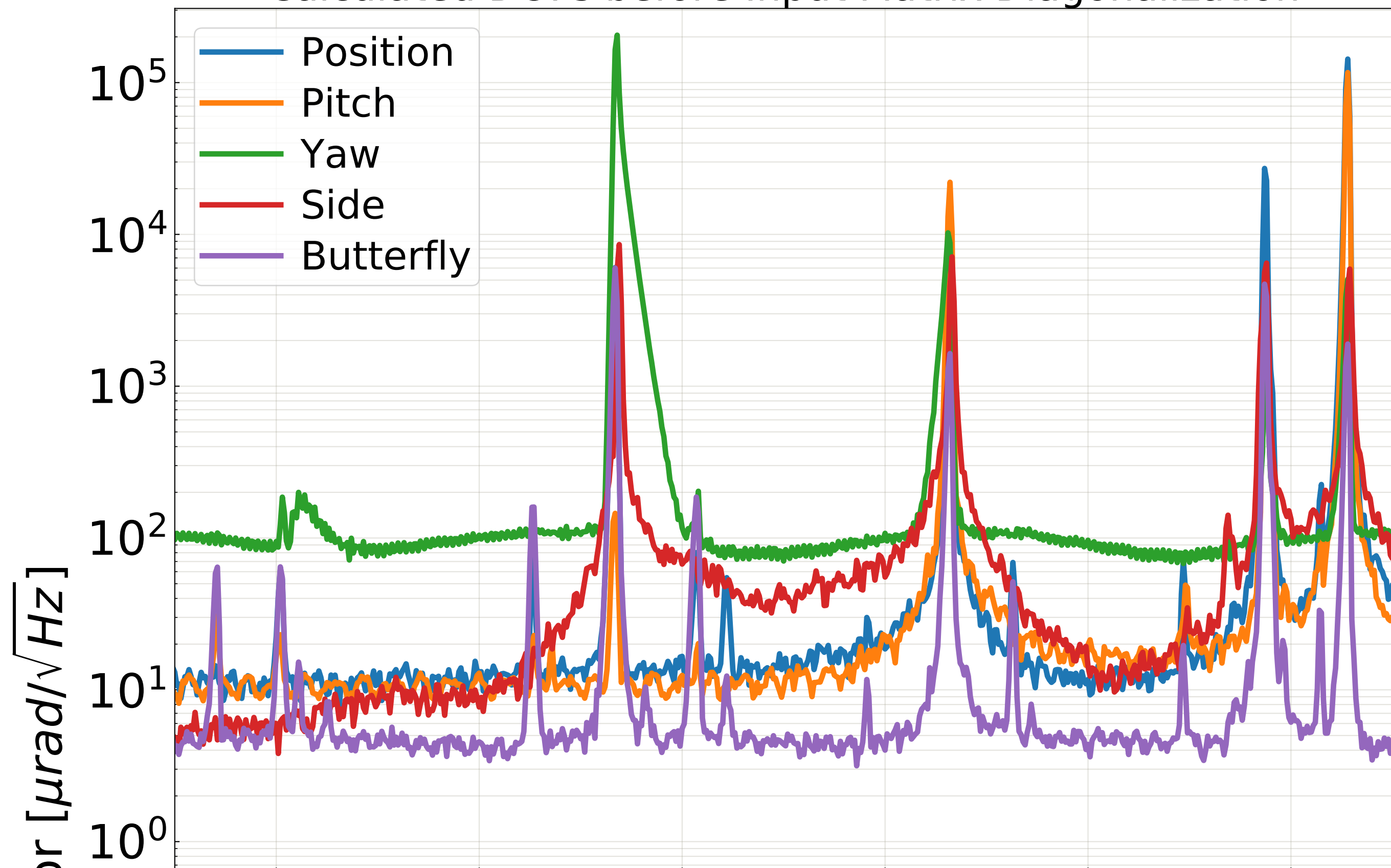


Calculated DOFs after Input Matrix Diagonalization

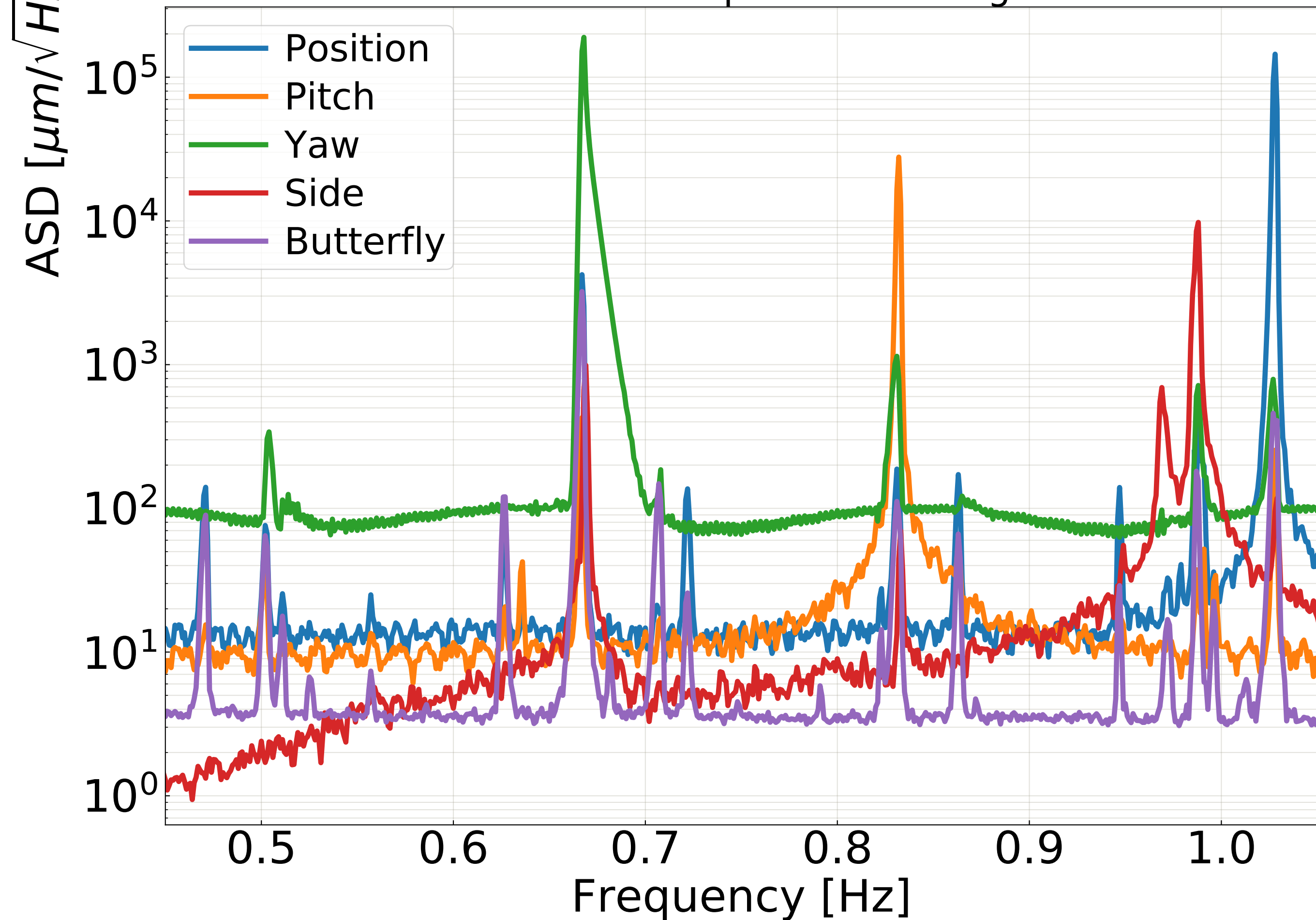


Free Swinging Data for AS1

Calculated DOFs before Input Matrix Diagonalization

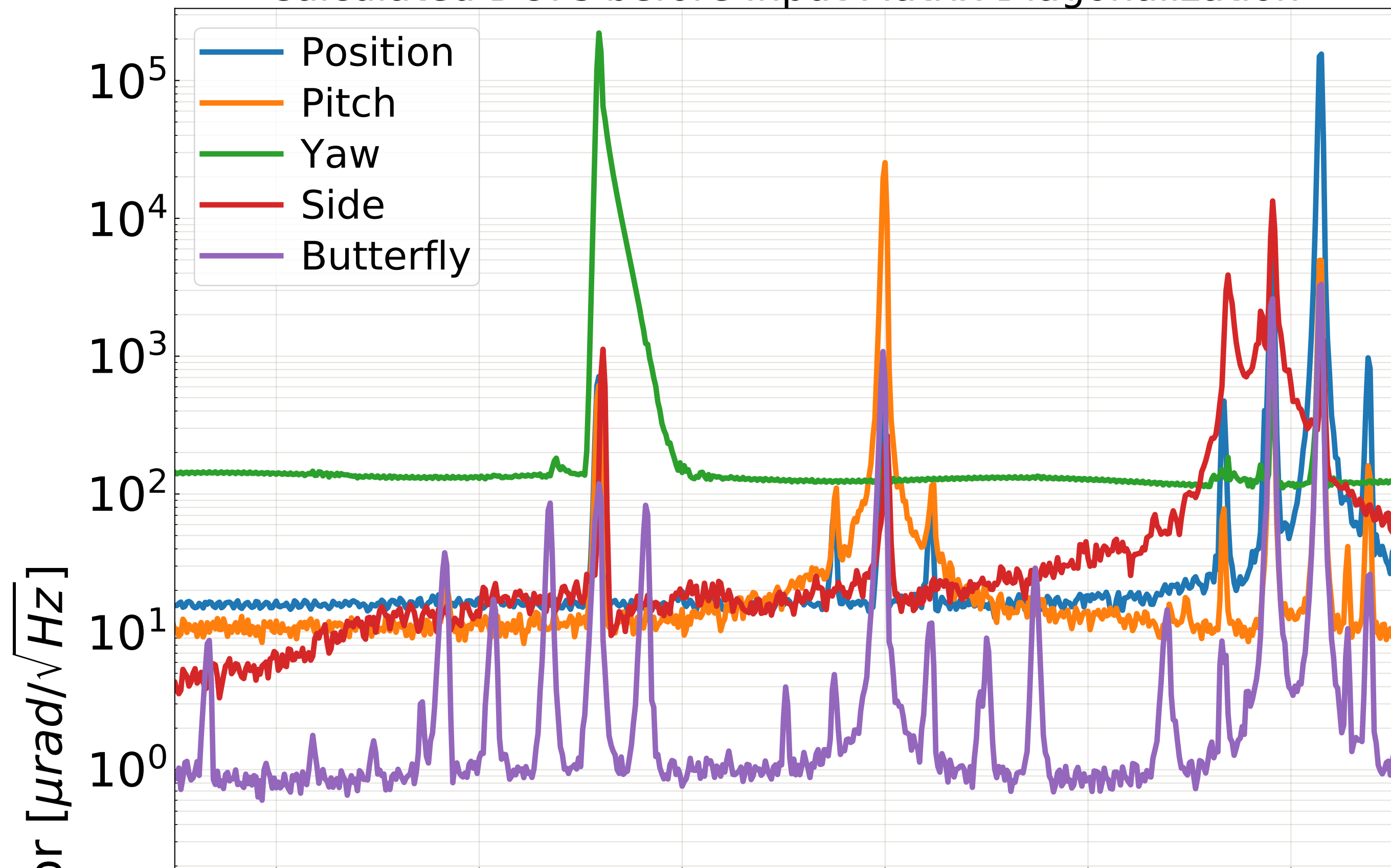


Calculated DOFs after Input Matrix Diagonalization

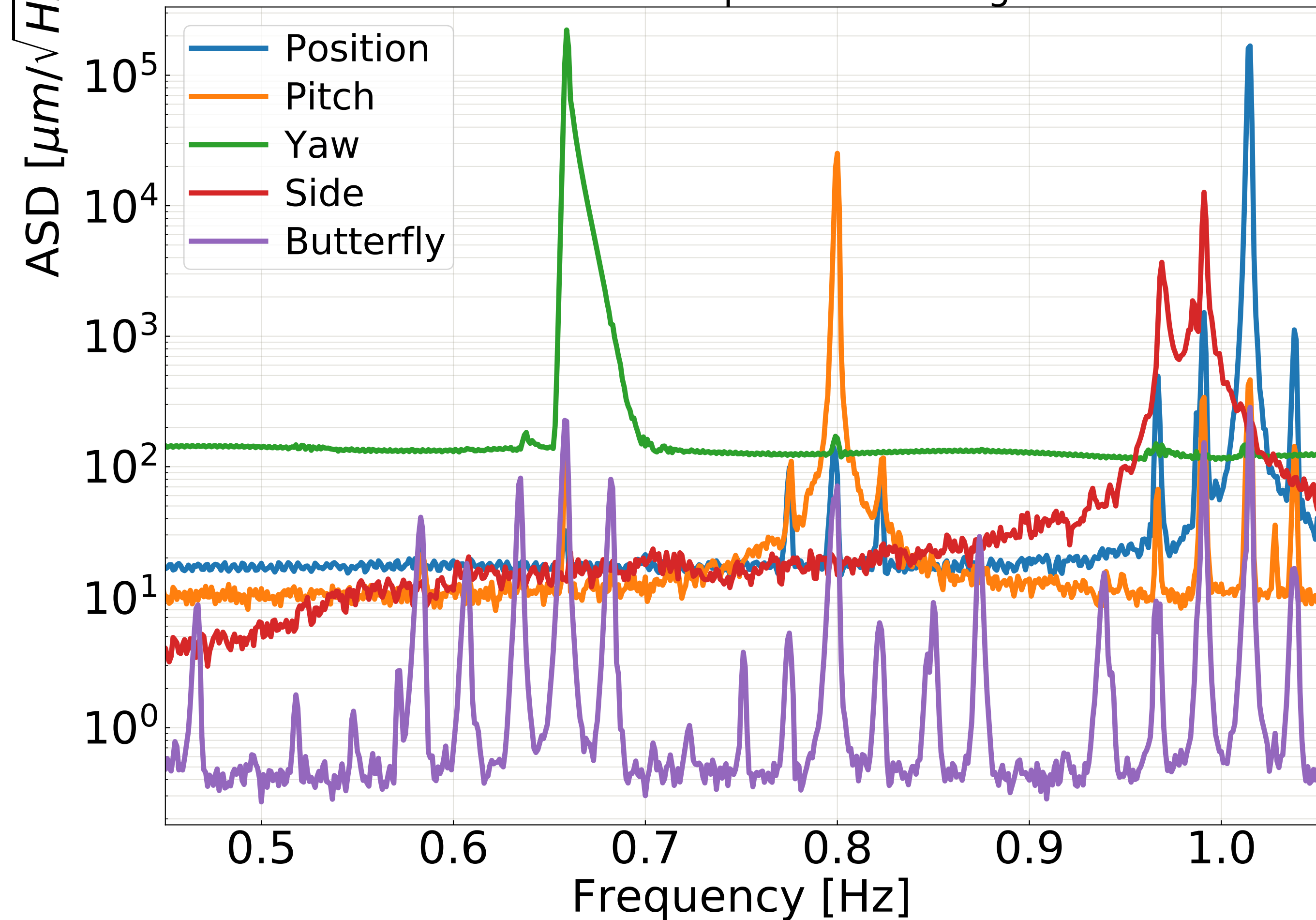


Free Swinging Data for AS4

Calculated DOFs before Input Matrix Diagonalization

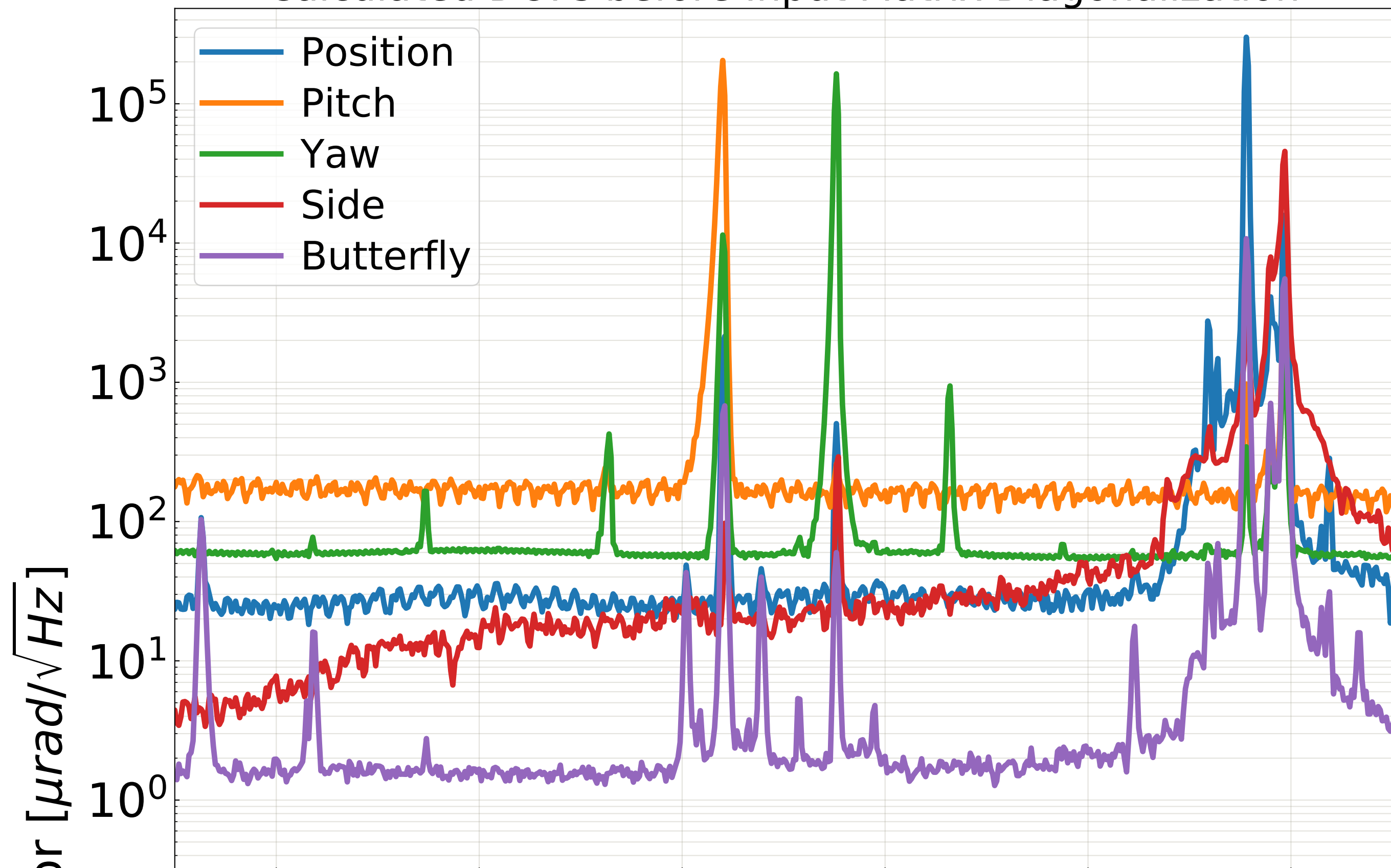


Calculated DOFs after Input Matrix Diagonalization

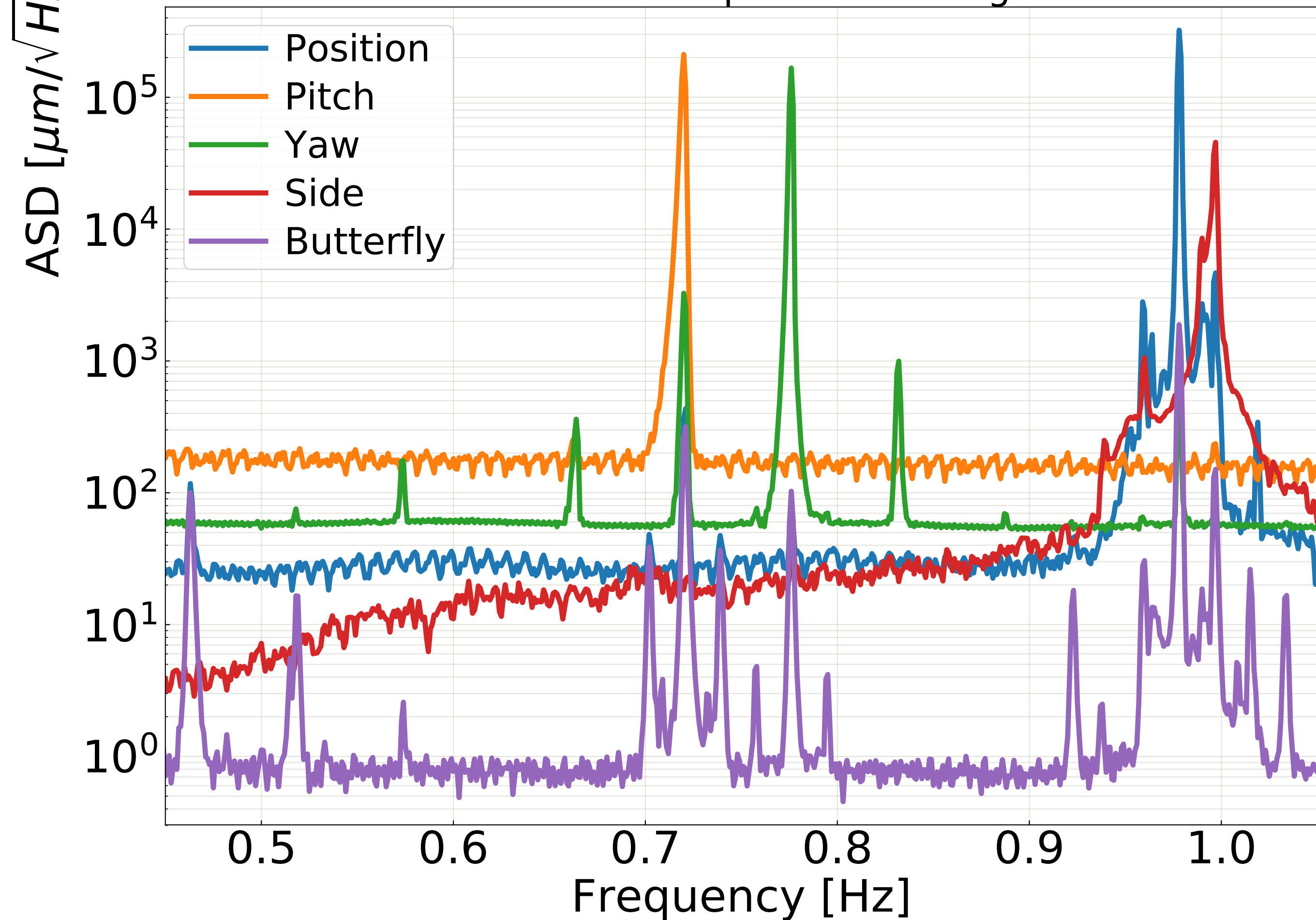


Free Swinging Data for SR2

Calculated DOFs before Input Matrix Diagonalization

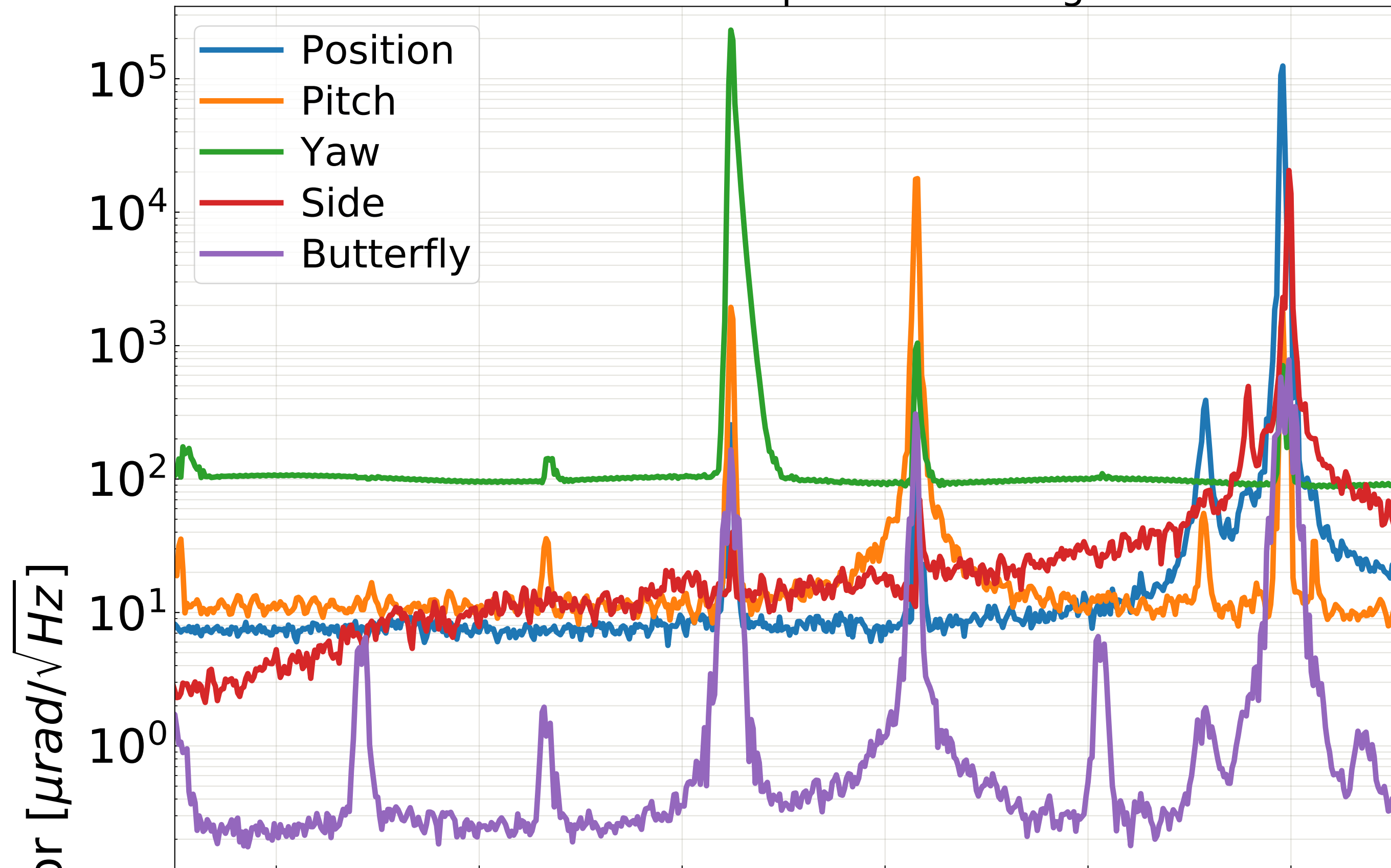


Calculated DOFs after Input Matrix Diagonalization

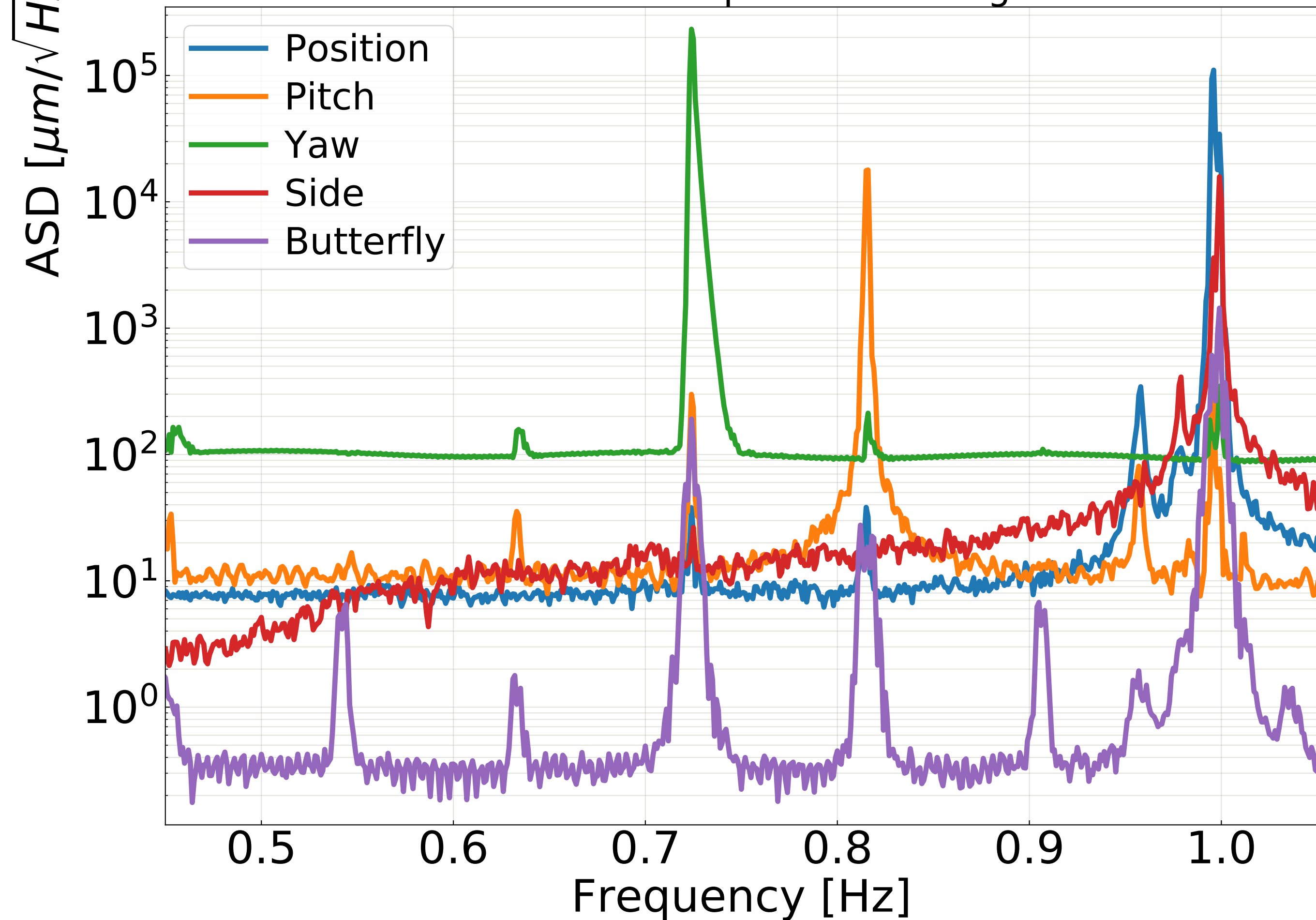


Free Swinging Data for PR2

Calculated DOFs before Input Matrix Diagonalization

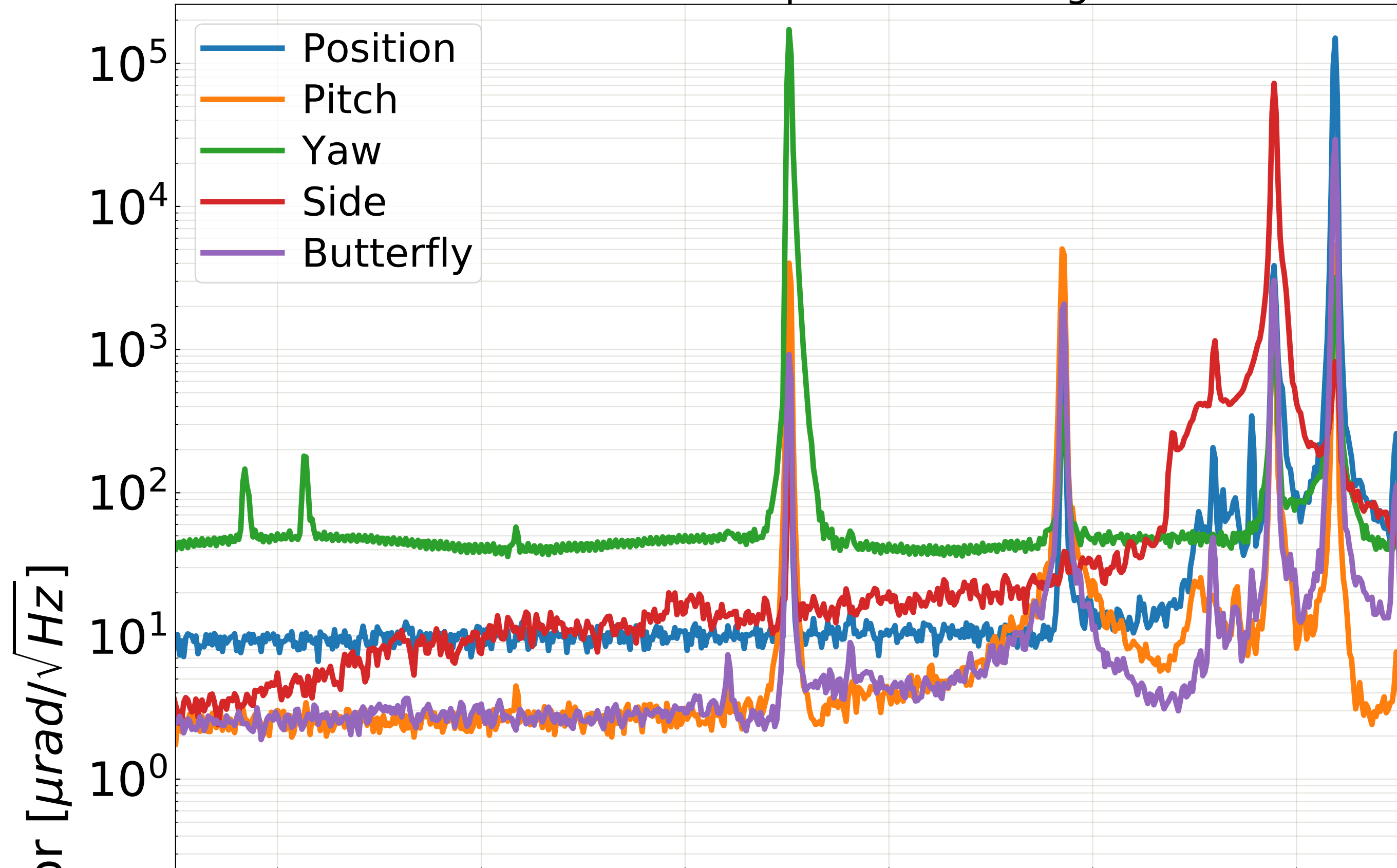


Calculated DOFs after Input Matrix Diagonalization



Free Swinging Data for PR3

Calculated DOFs before Input Matrix Diagonalization



Calculated DOFs after Input Matrix Diagonalization

