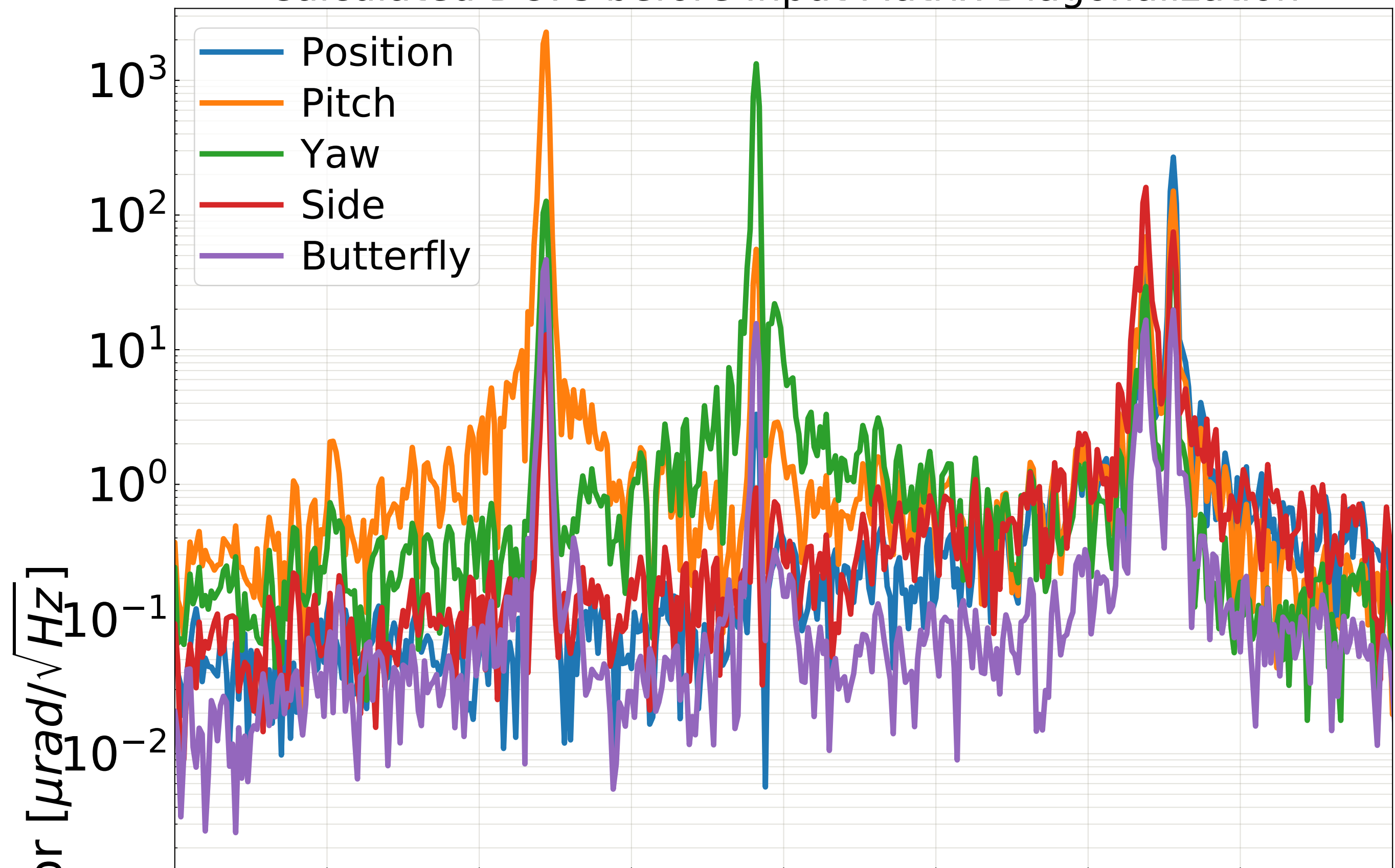
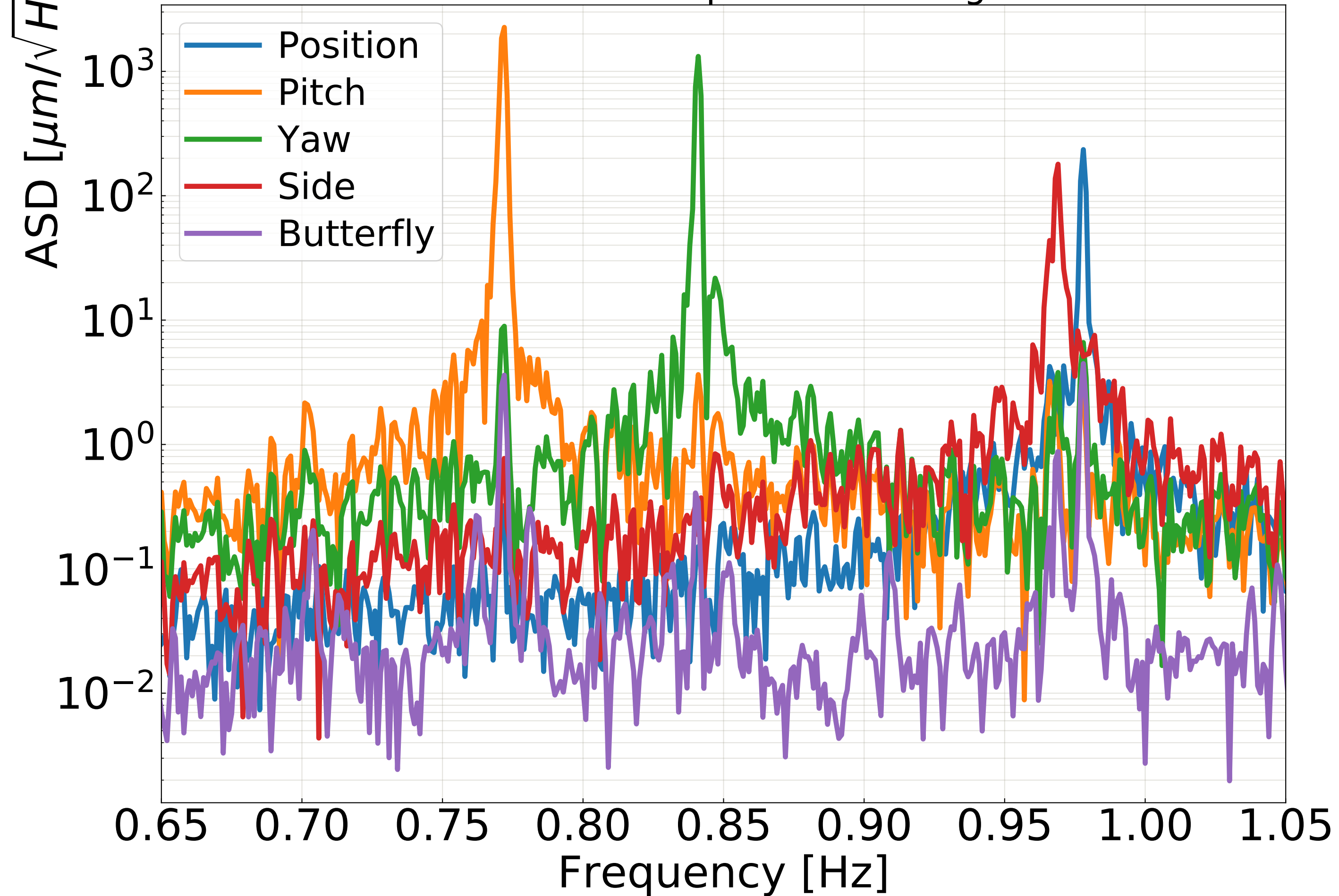


# Free Swinging Data for MC3

Calculated DOFs before Input Matrix Diagonalization

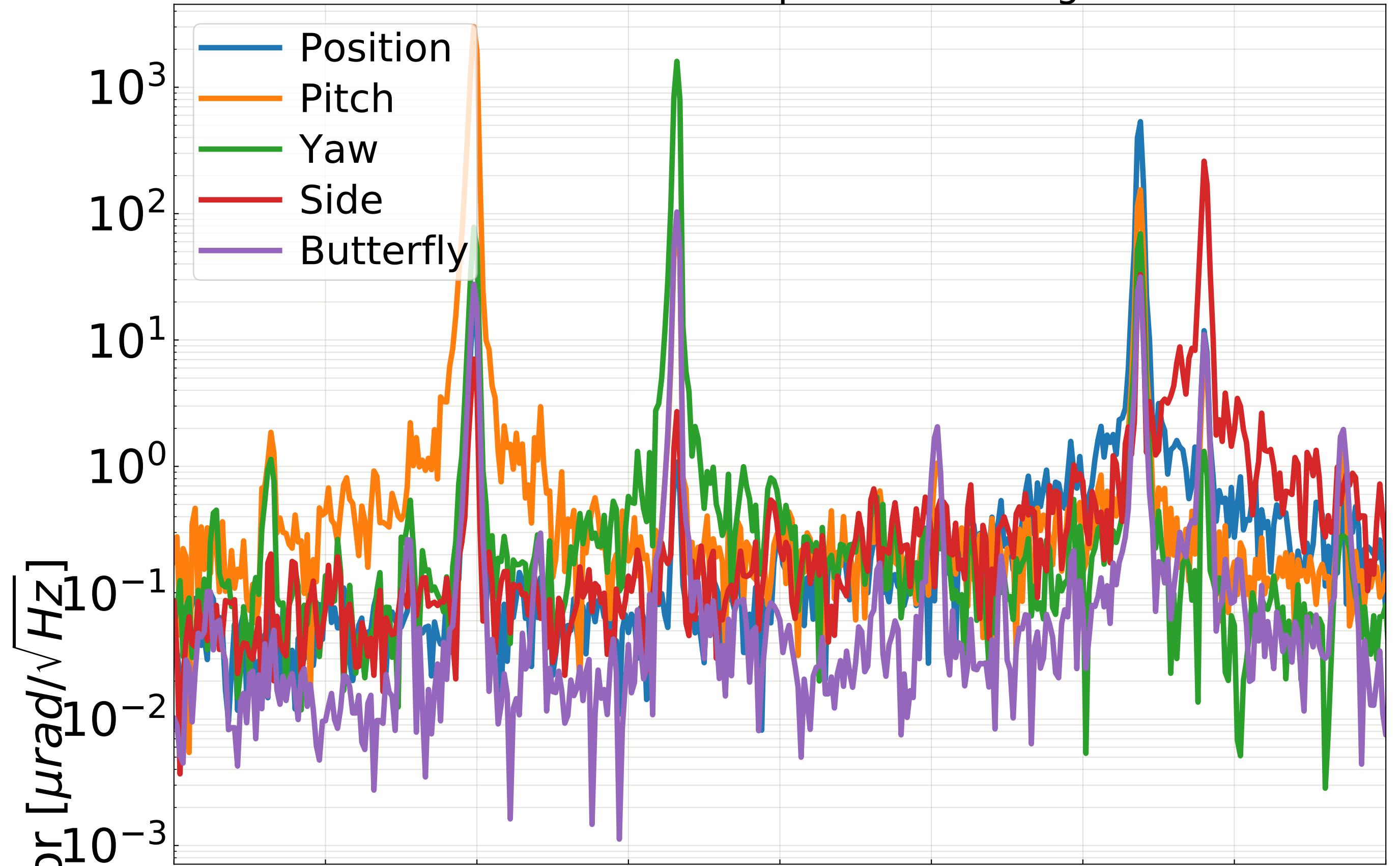


Calculated DOFs after Input Matrix Diagonalization

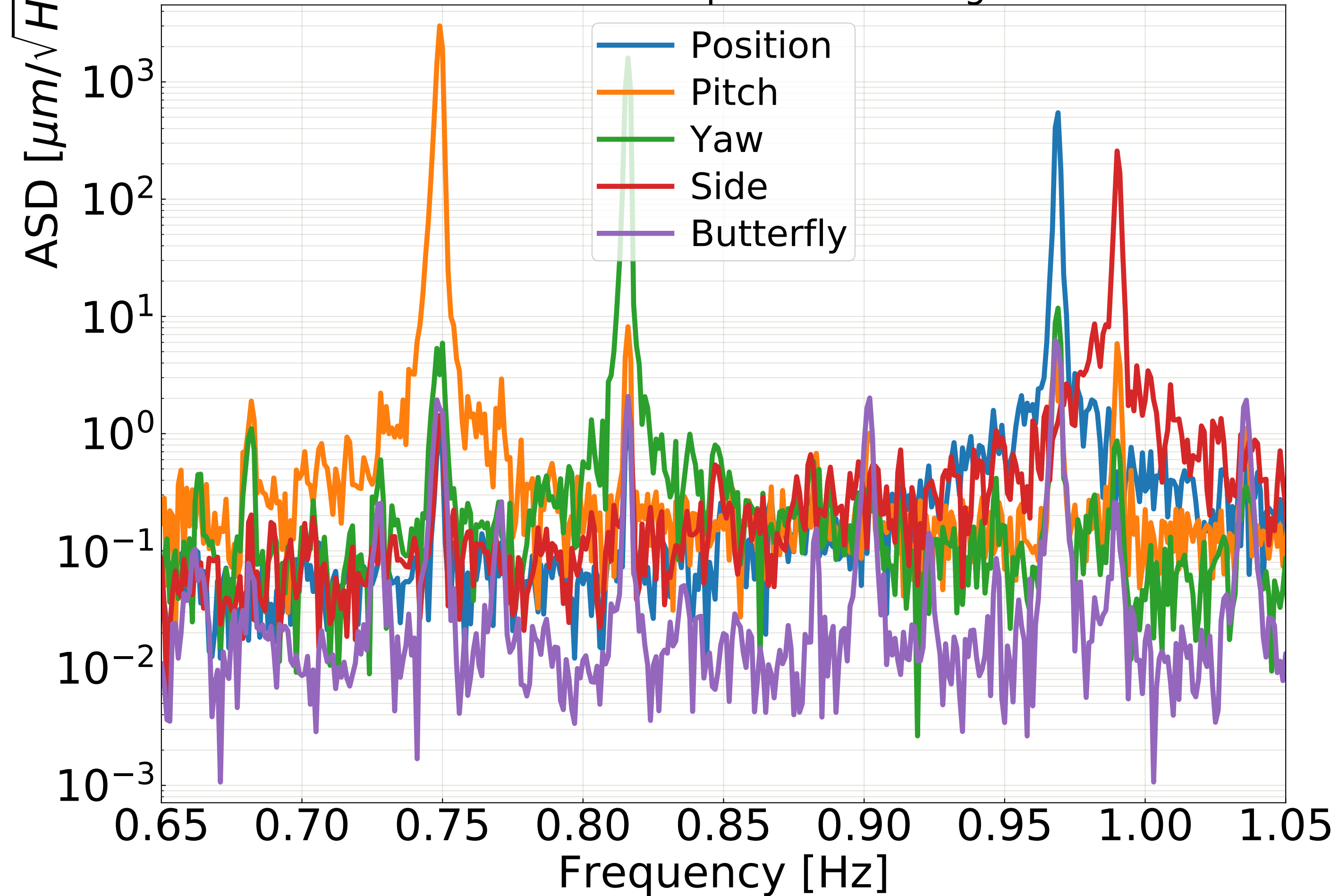


# Free Swinging Data for MC2

## Calculated DOFs before Input Matrix Diagonalization



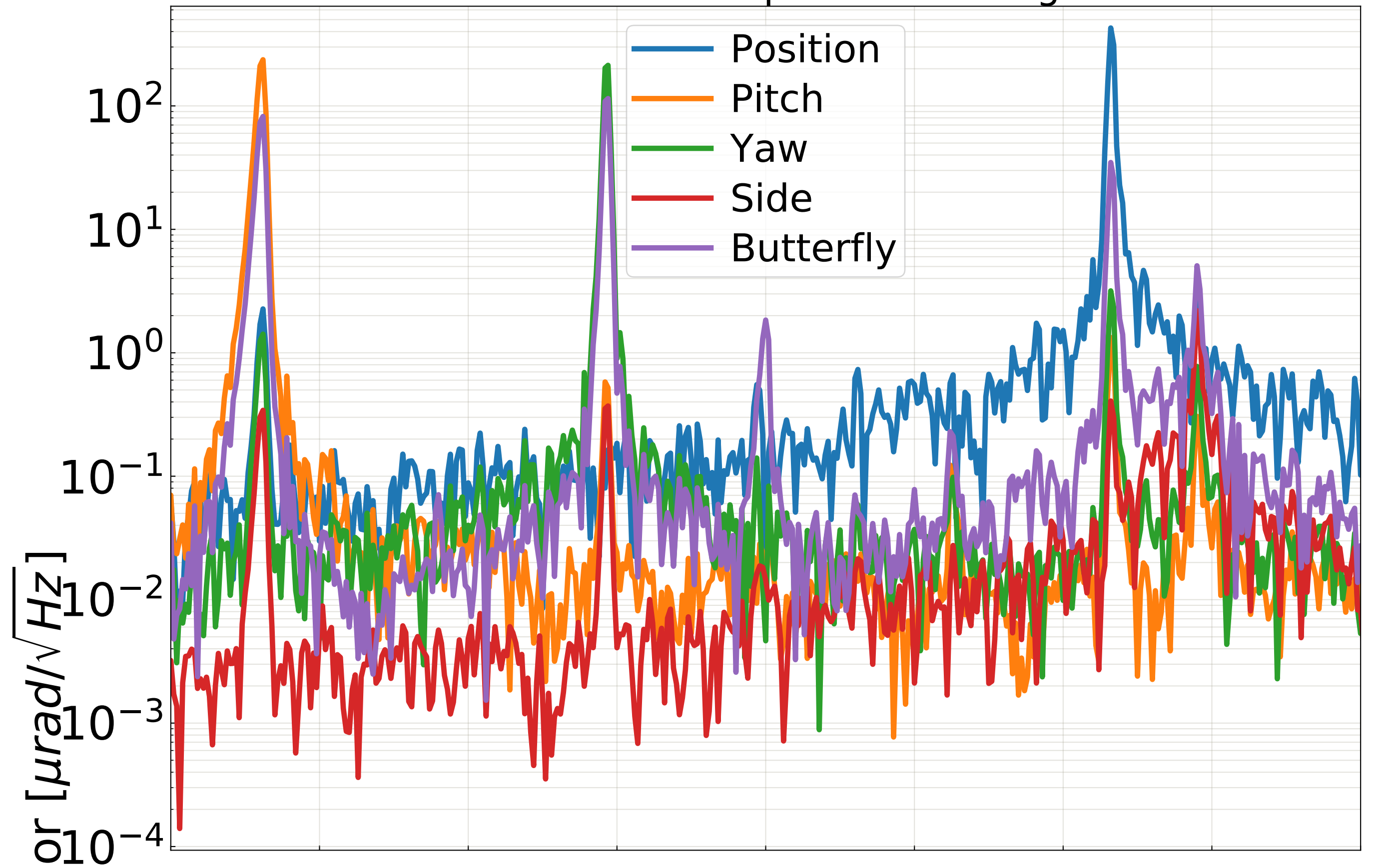
## Calculated DOFs after Input Matrix Diagonalization





# Free Swinging Data for MC1

## Calculated DOFs before Input Matrix Diagonalization



## Calculated DOFs after Input Matrix Diagonalization

