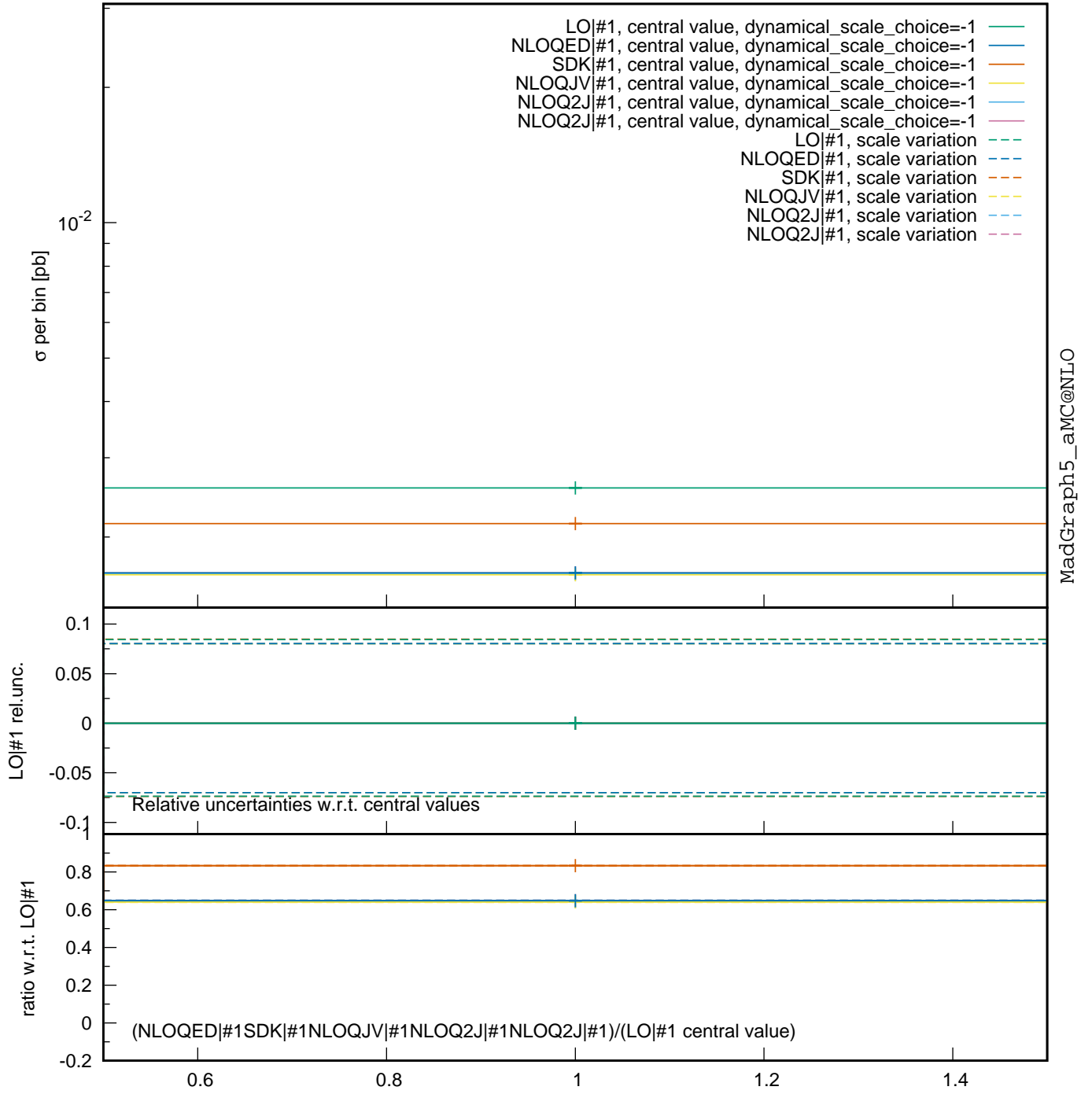
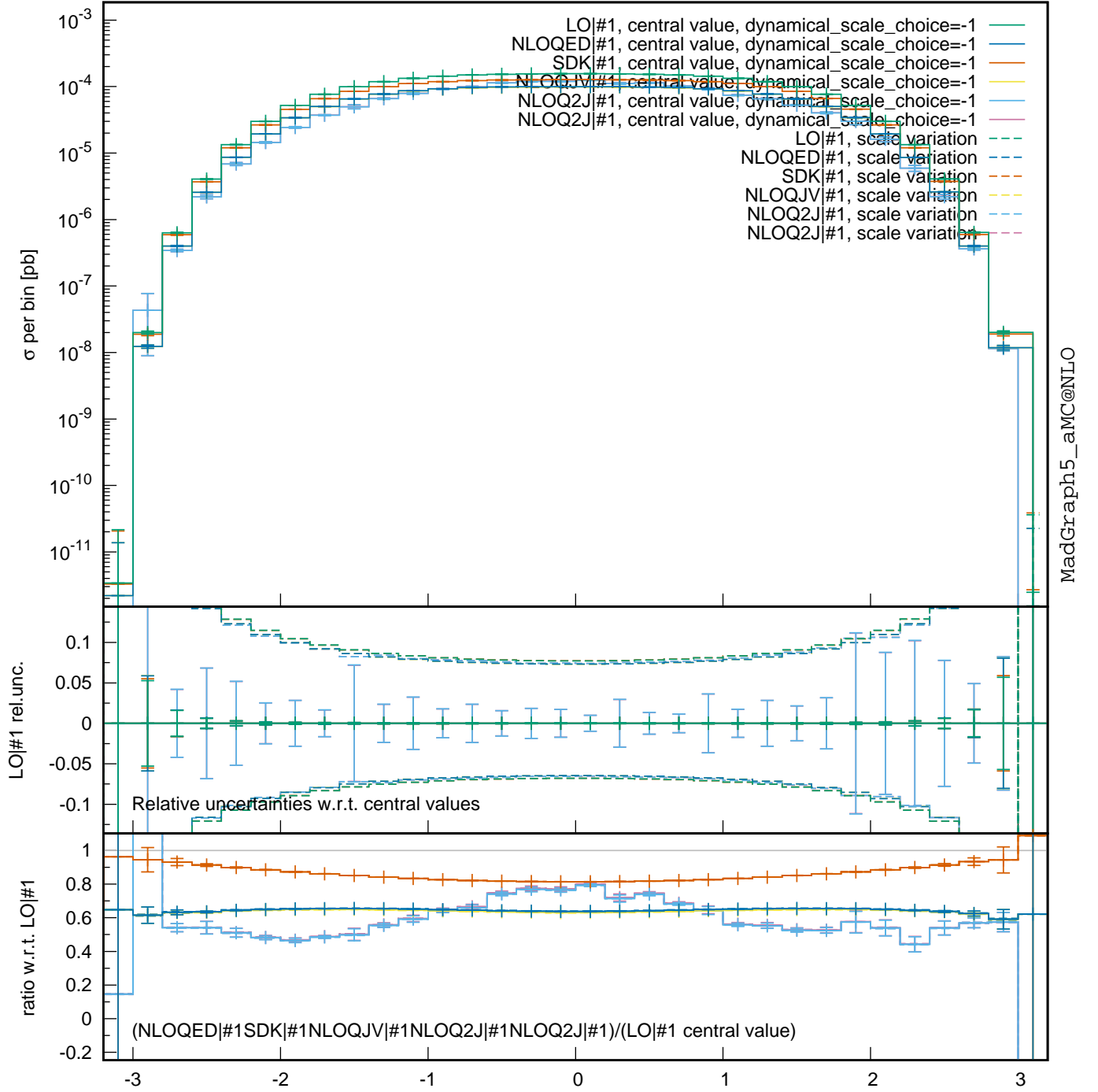


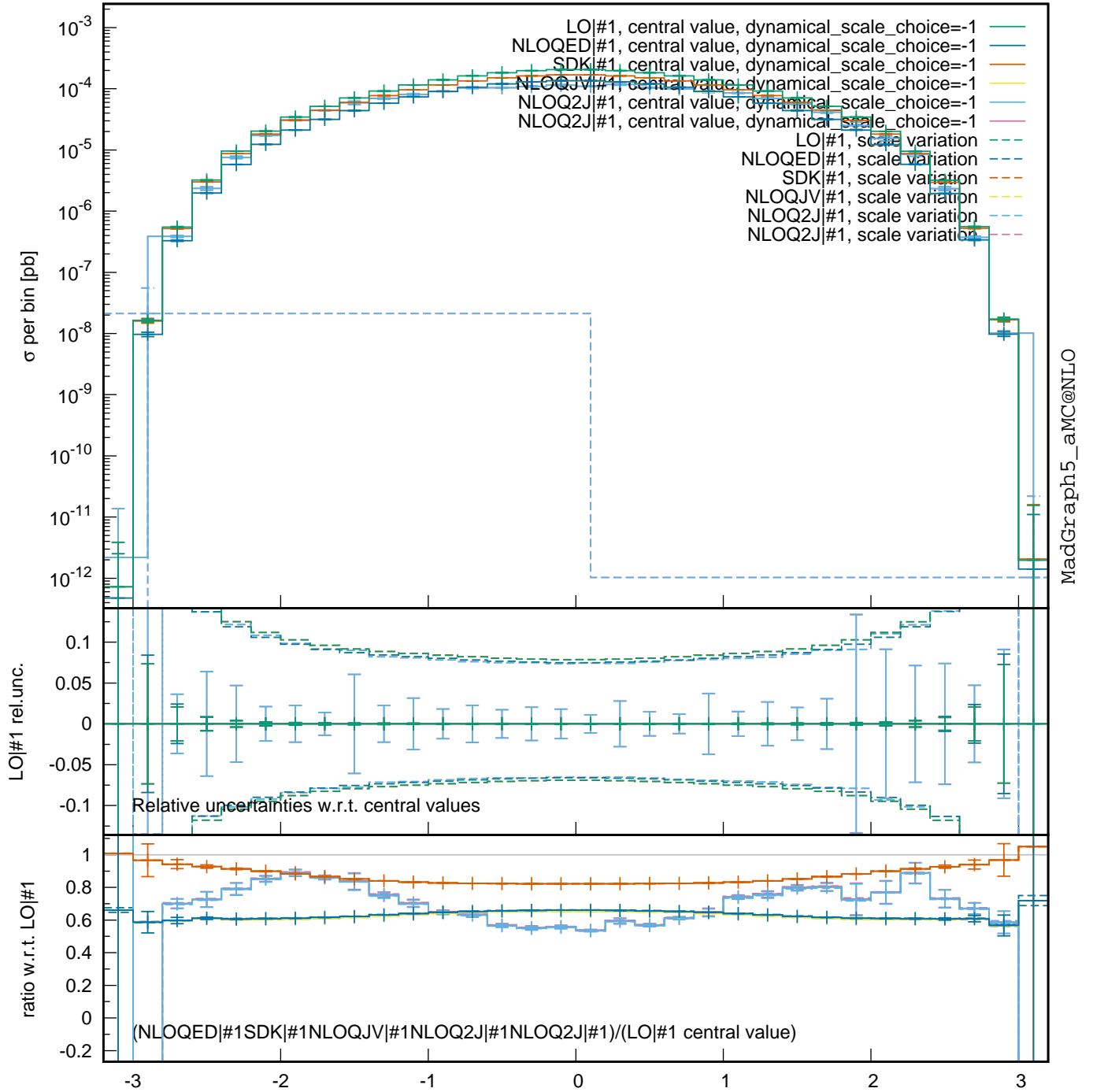
total rate



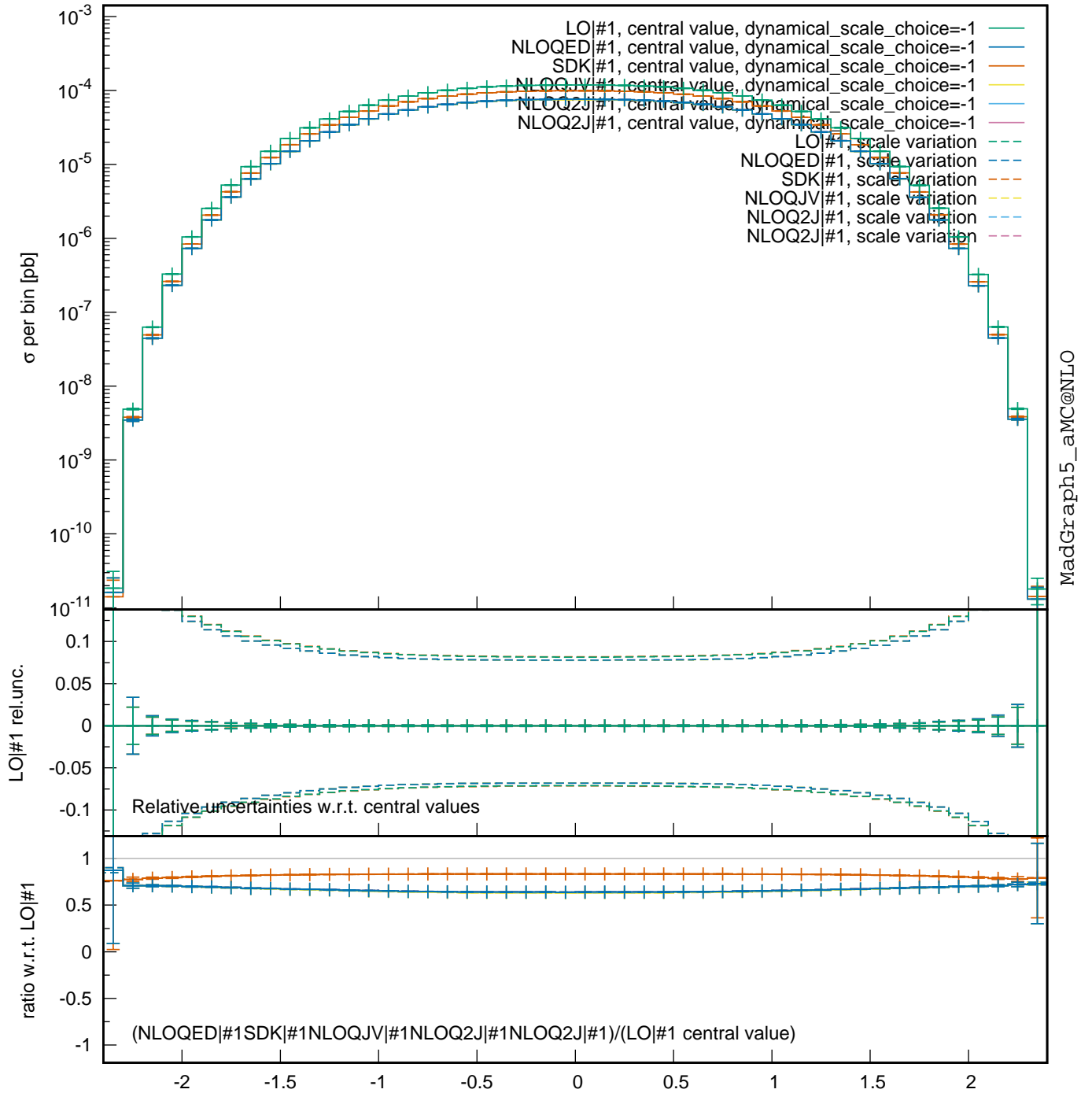
w rap



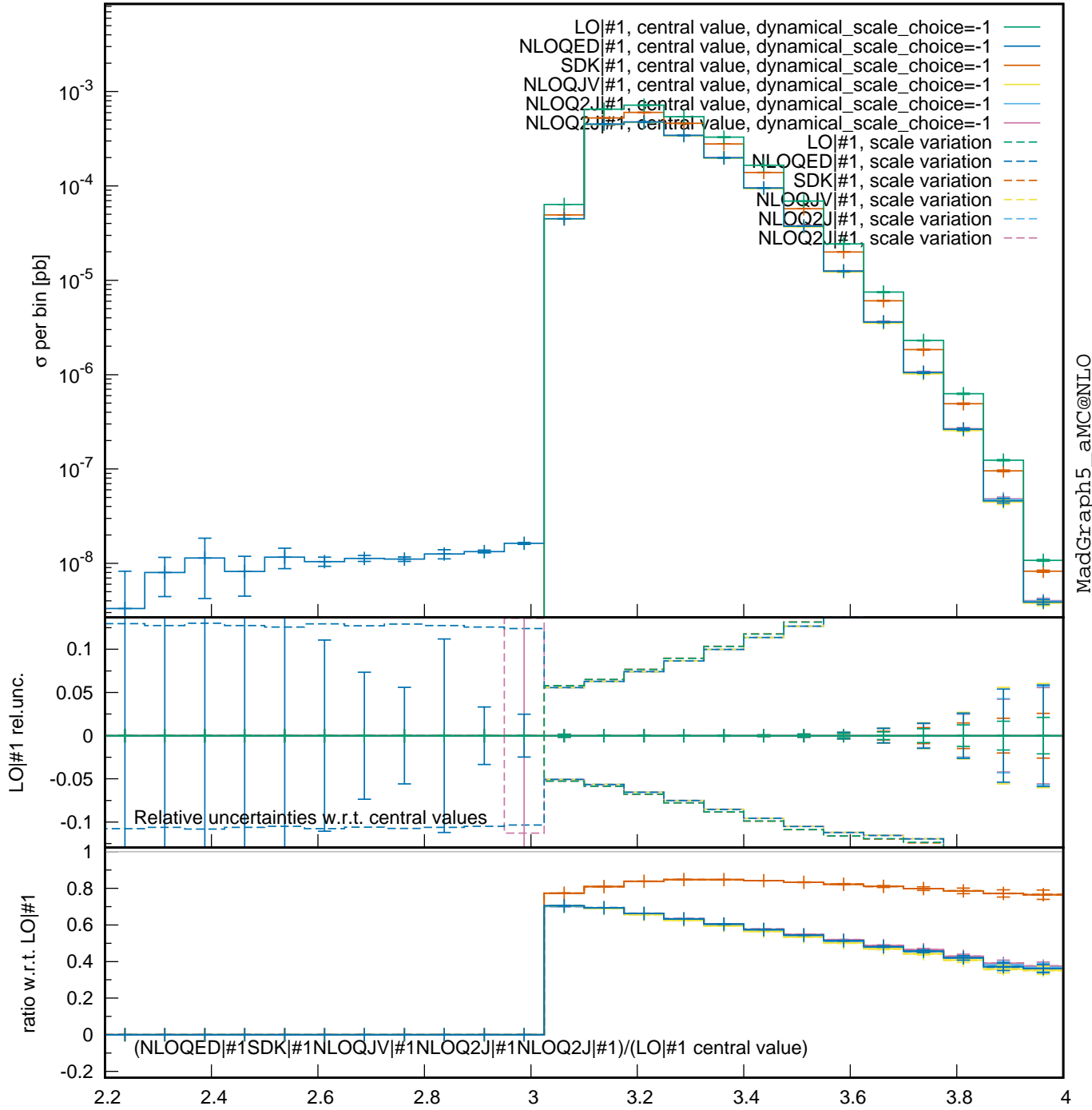
z rap

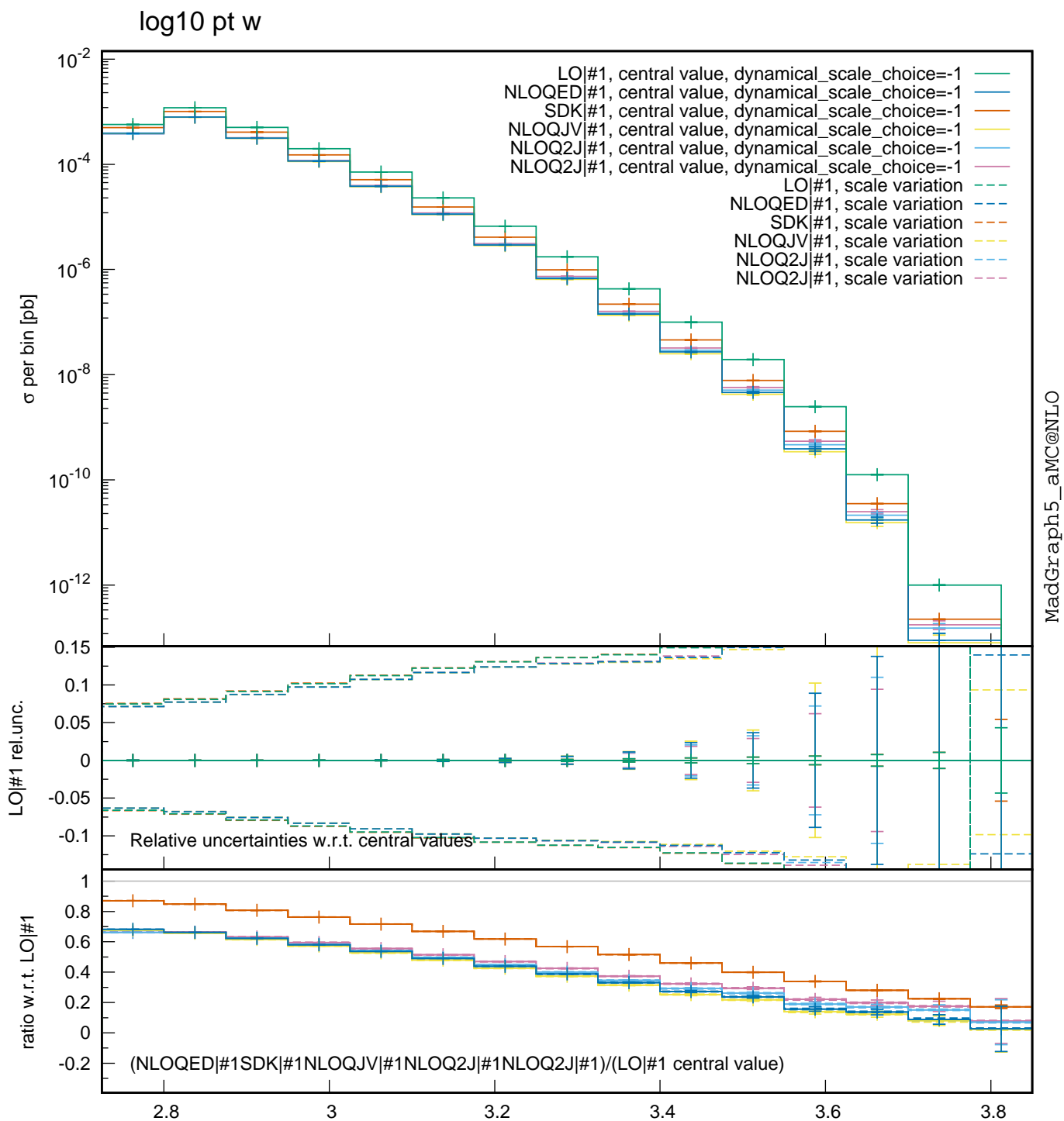


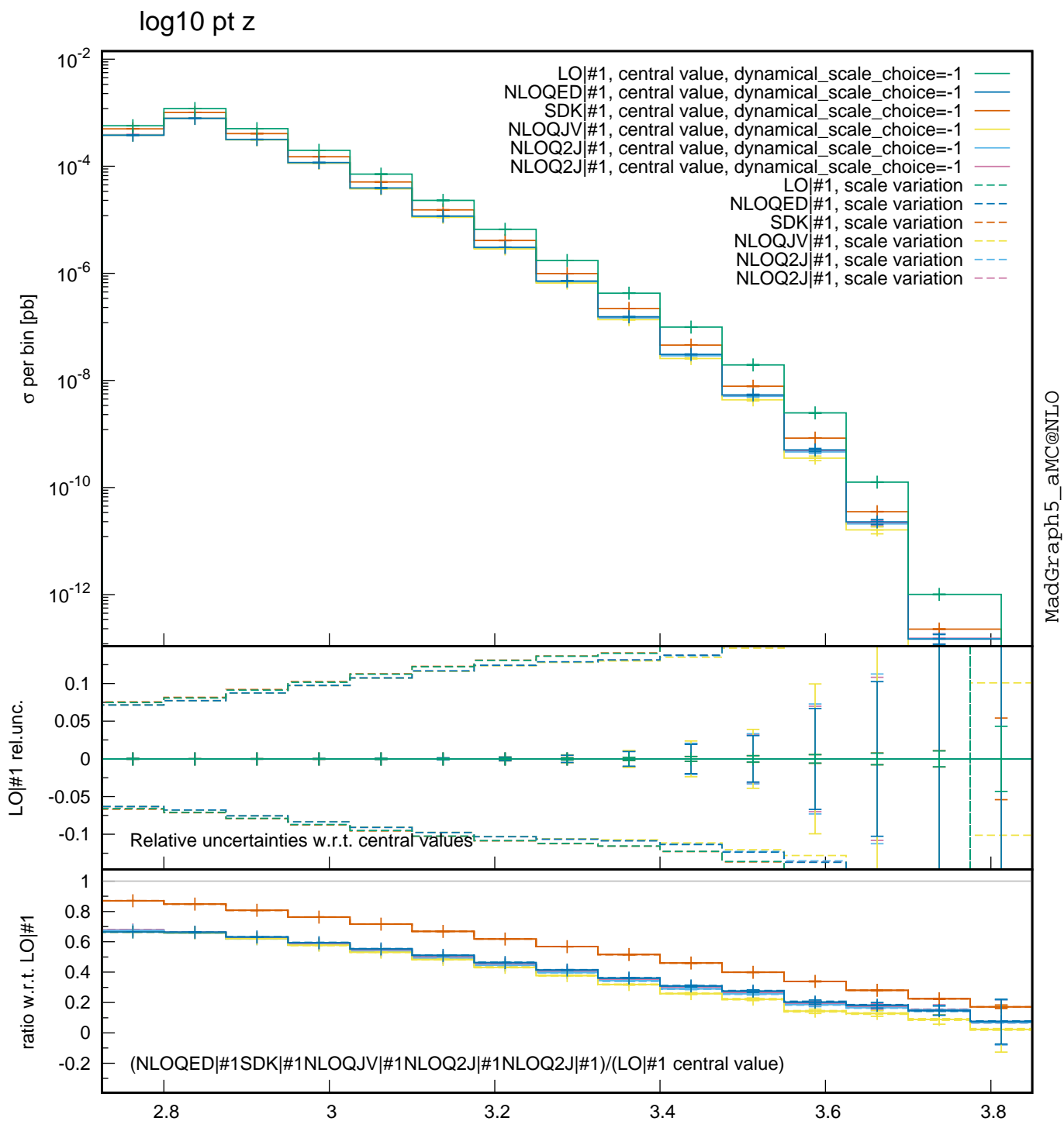
w-z pair rap



log10 m w-z







log10 pt w z

