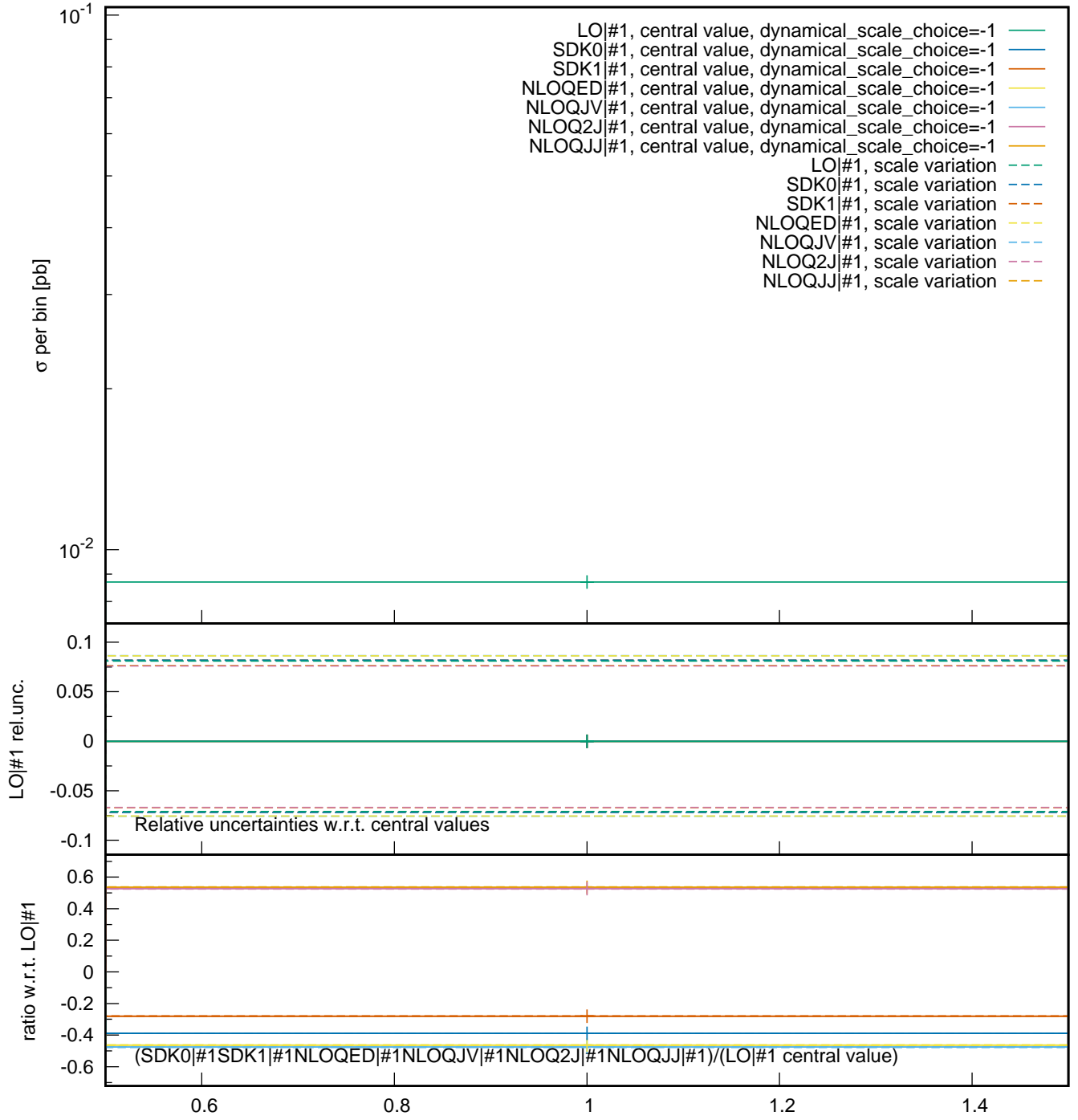
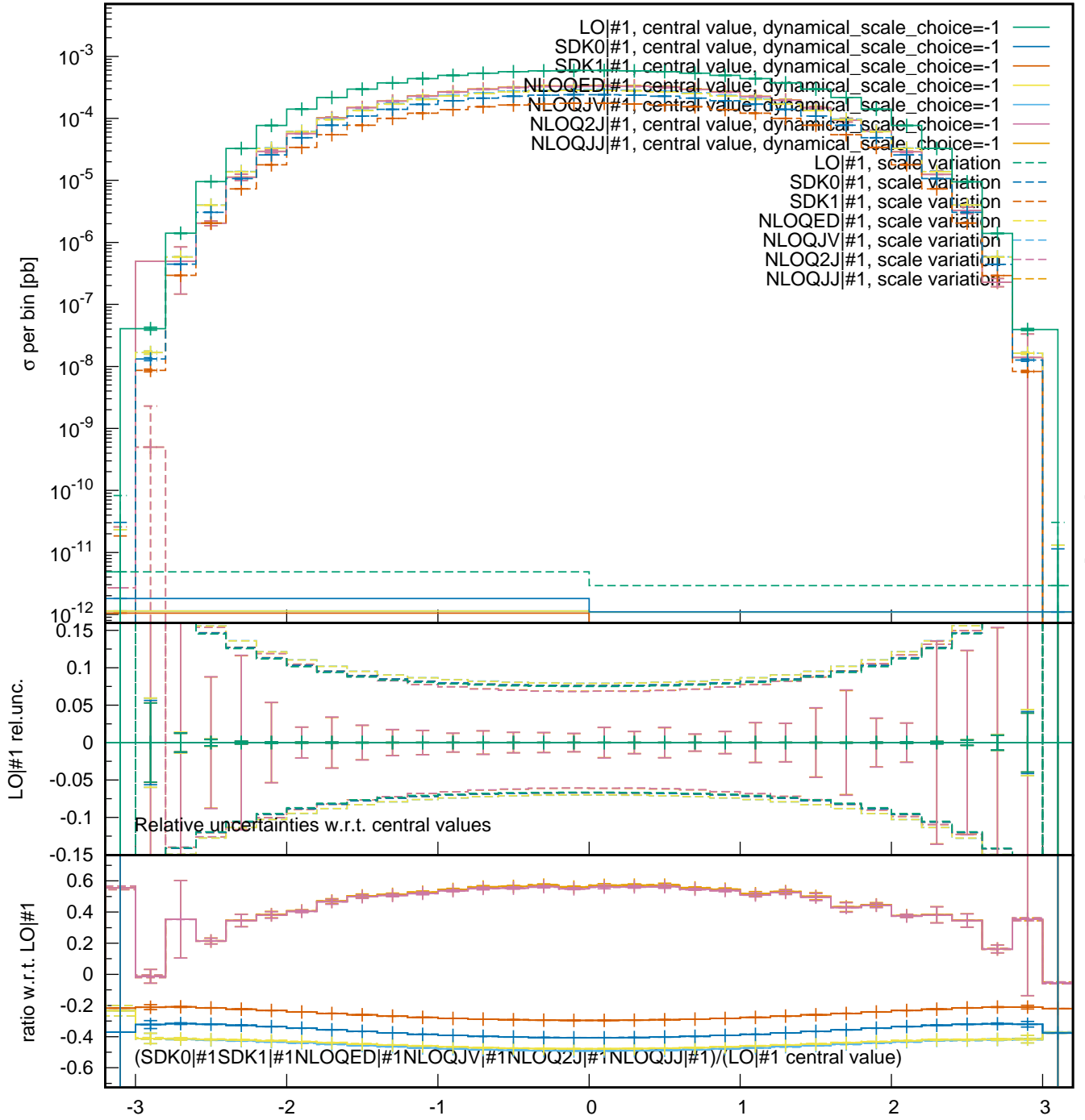


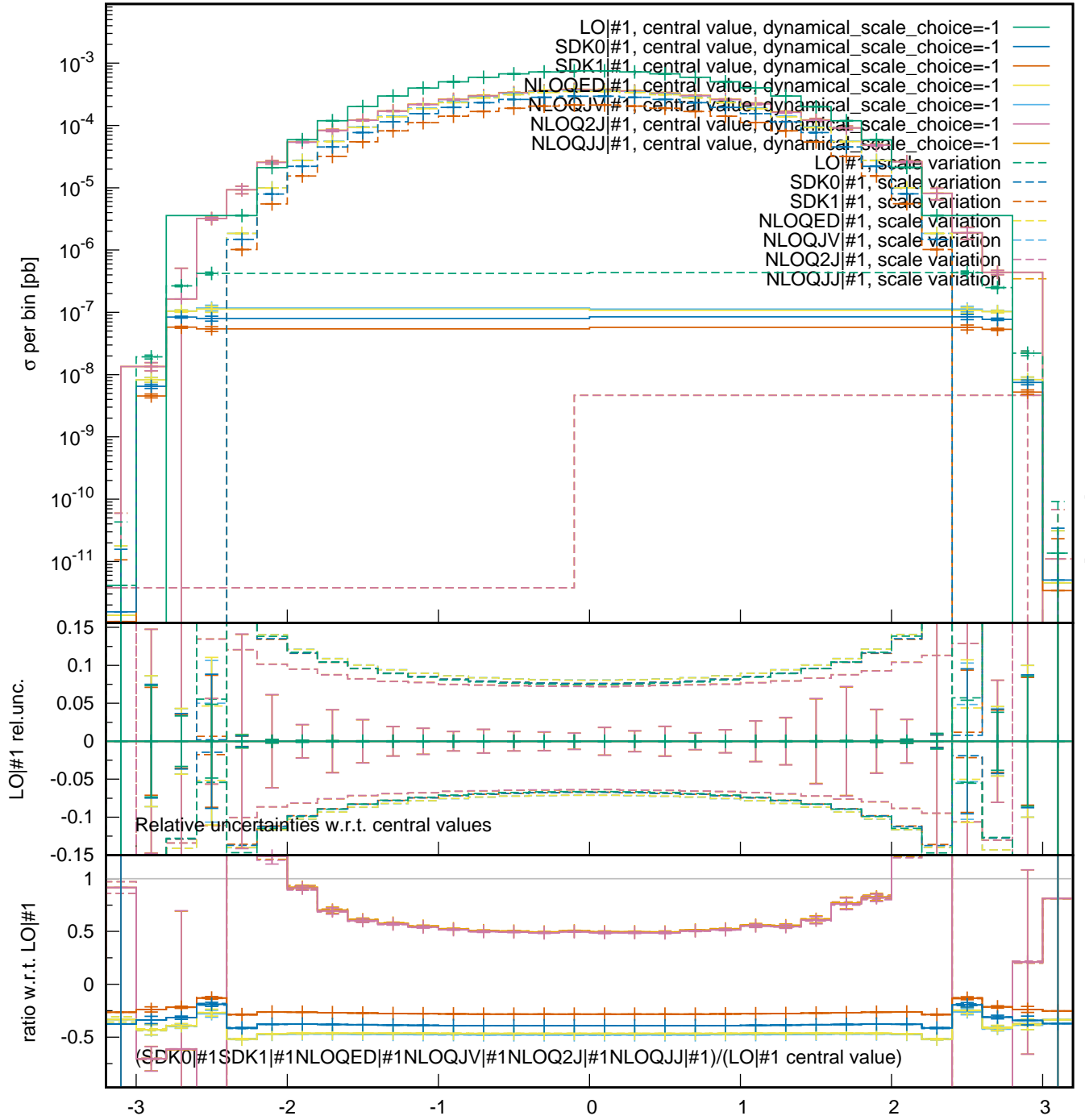
total rate



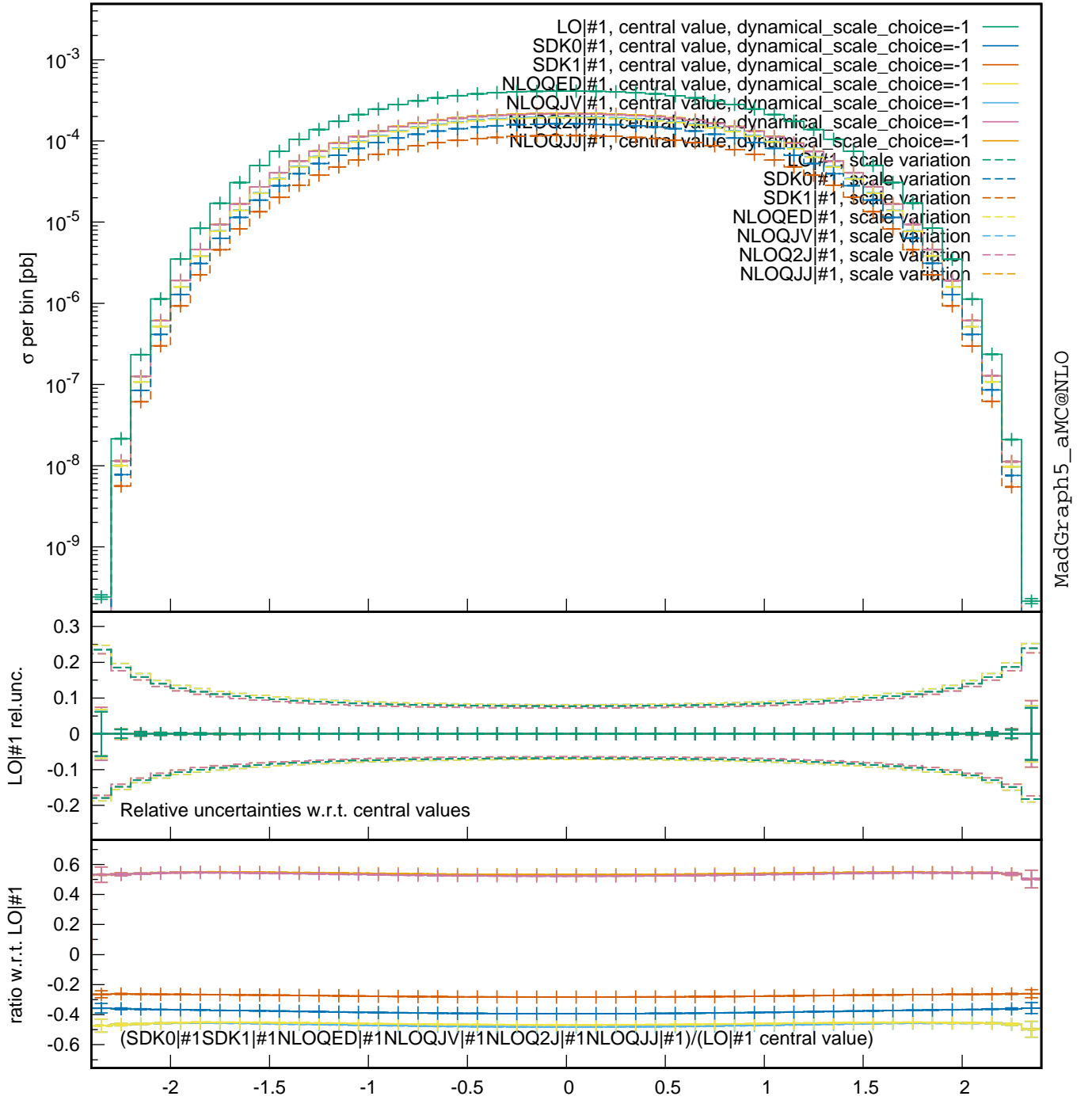
w rap



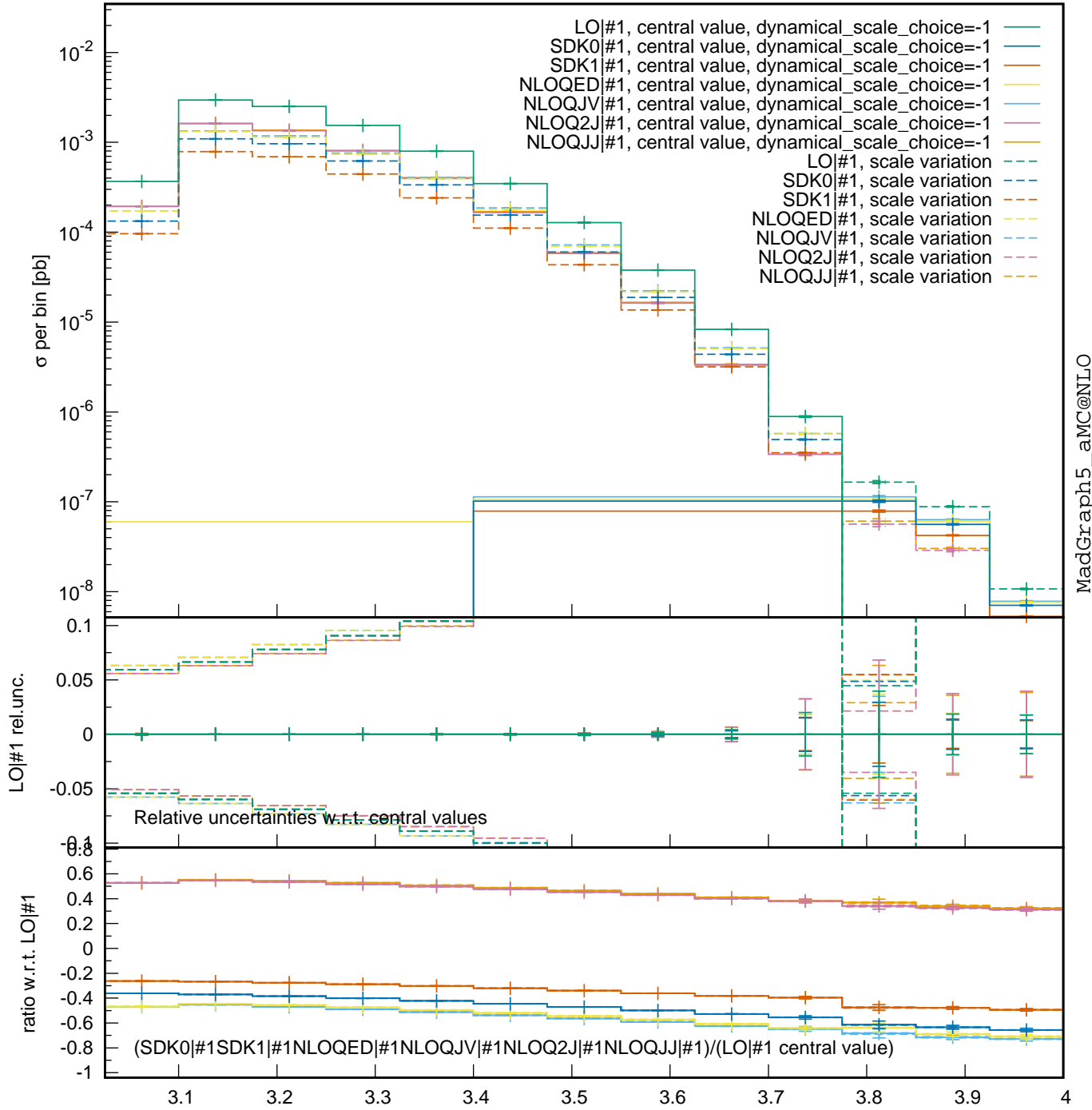
z rap



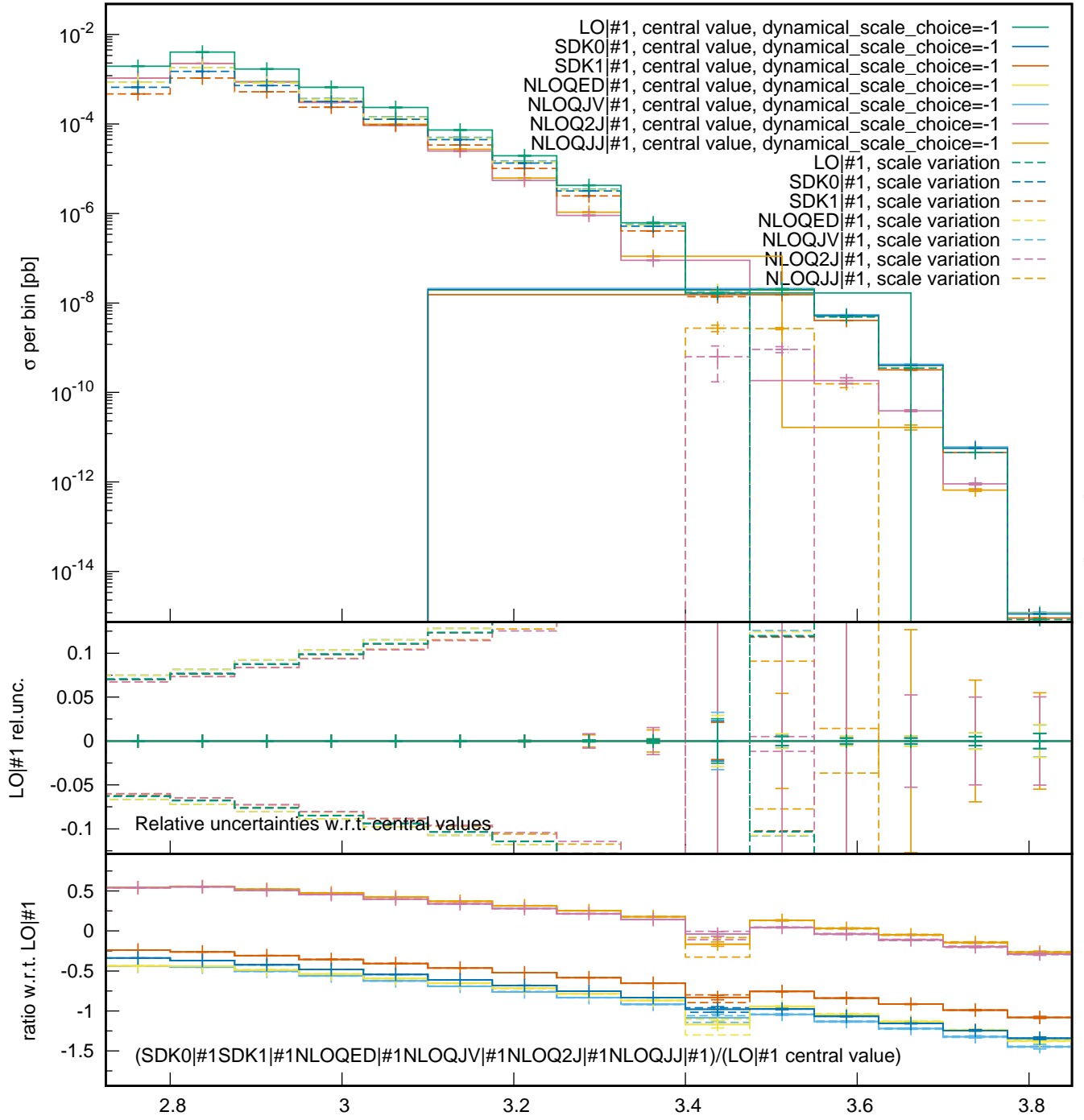
w-z pair rap



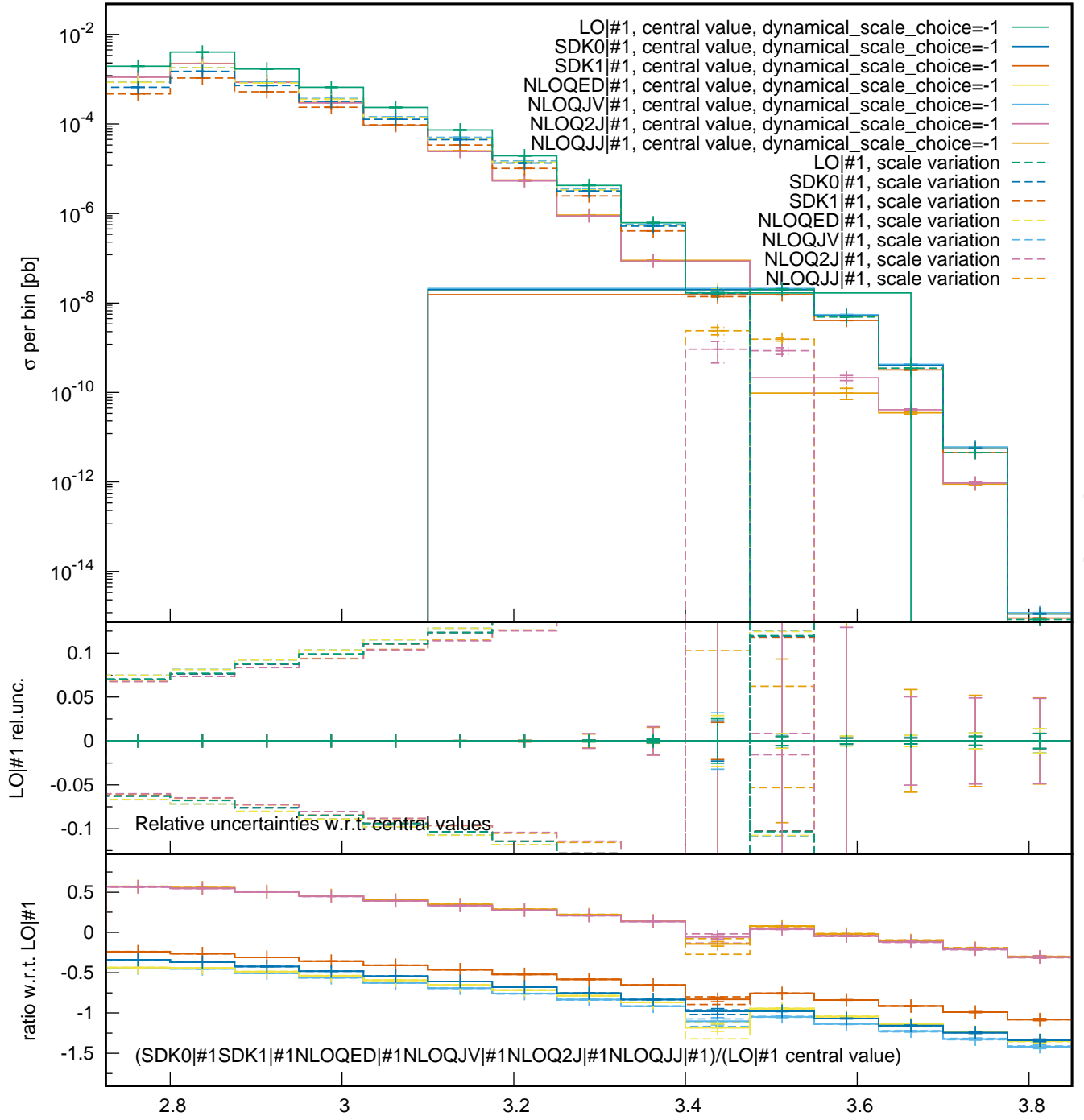
log10 m w-z



log10 pt w



log10 pt z



log10 pt w z

