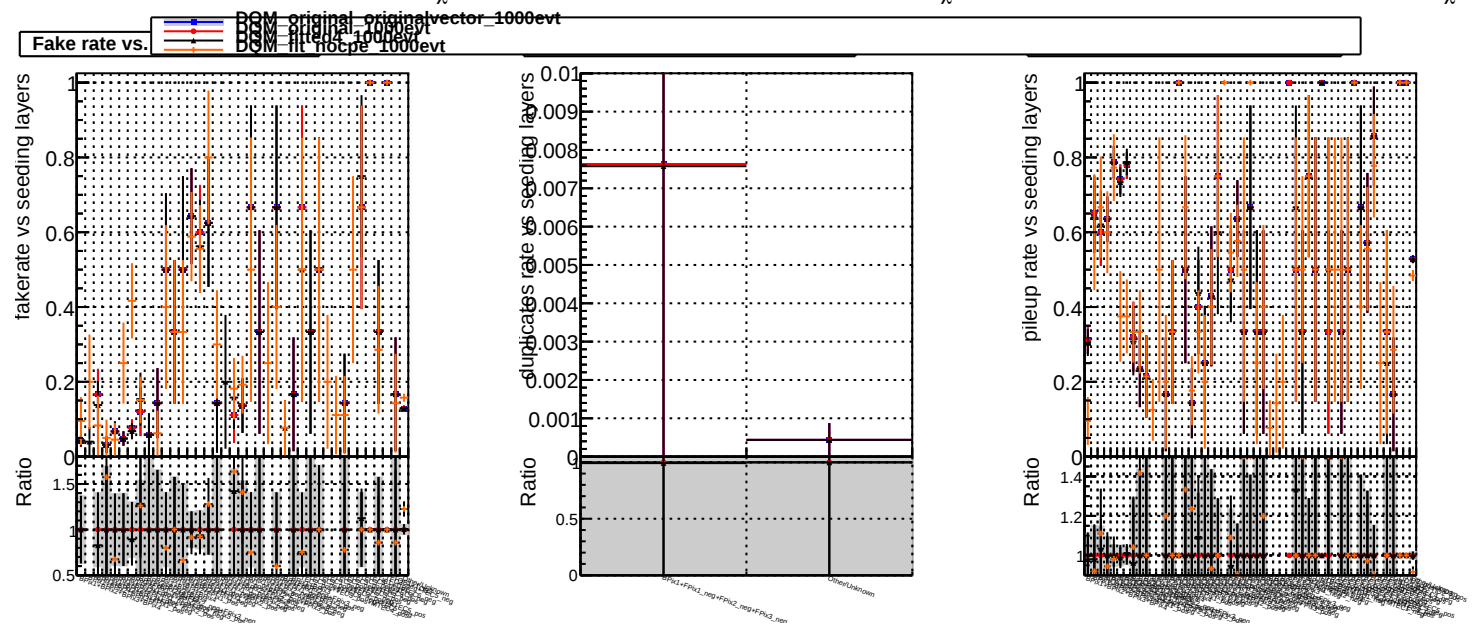
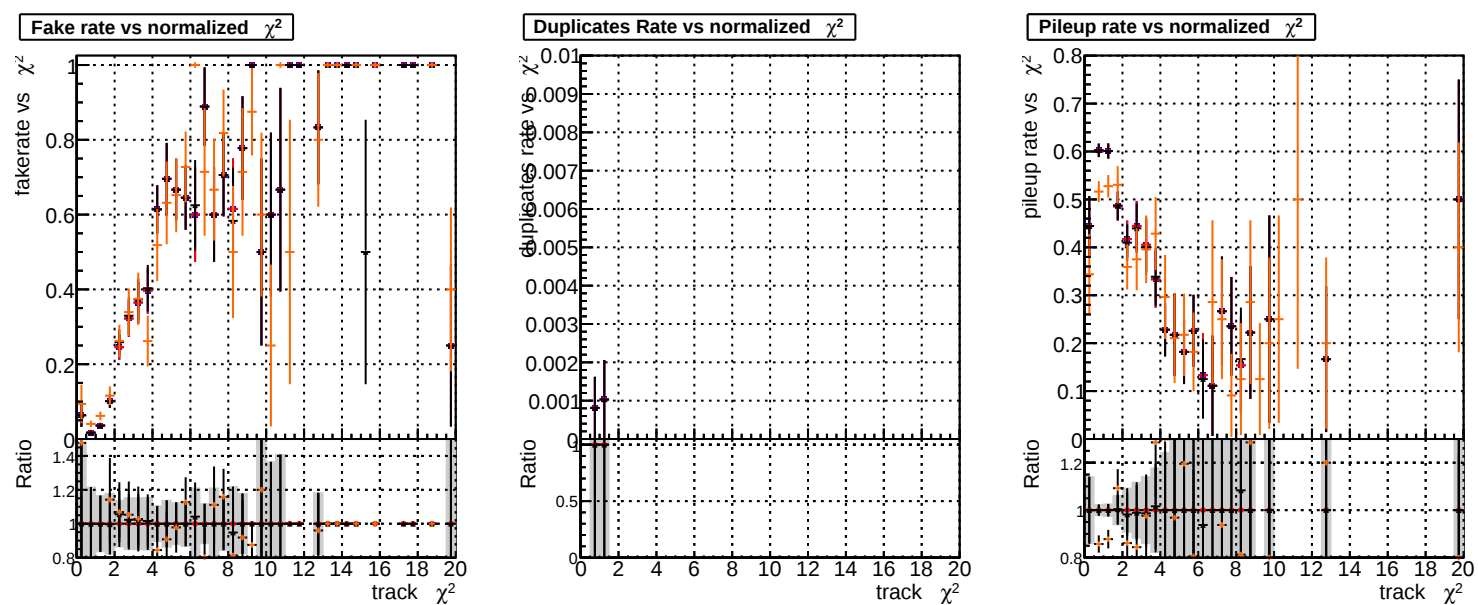




Fake rate vs.

BGM original
 BGM filtered
 BGM fit no cut

original original vector 1000evt
 filtered filtered vector 1000evt
 fit no cut no cut vector 1000evt