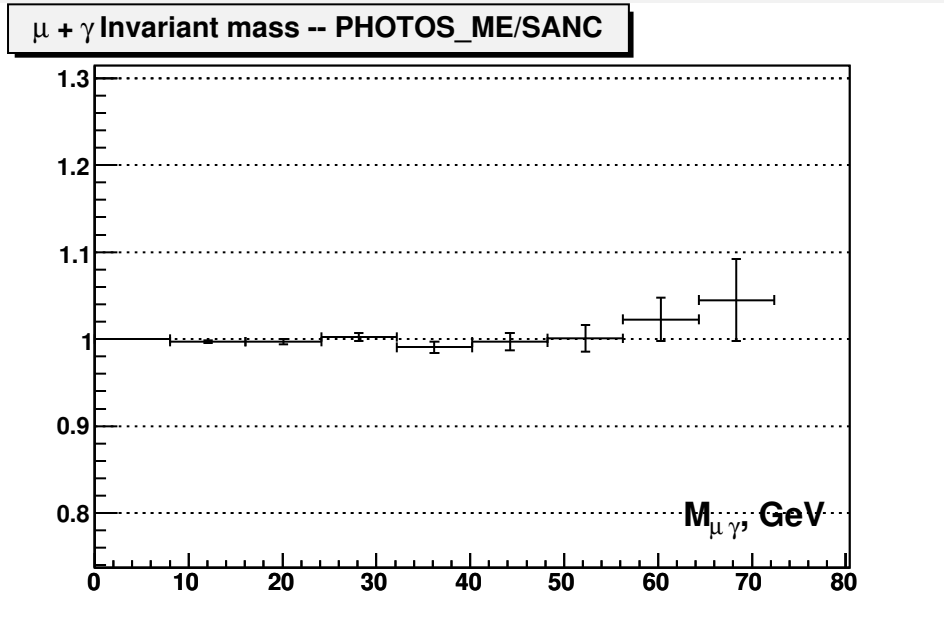

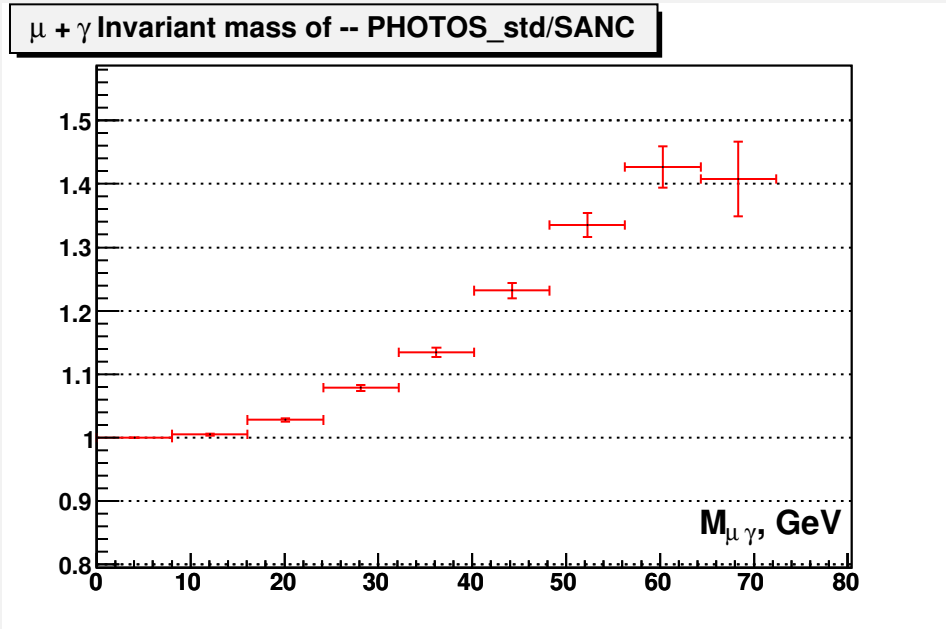

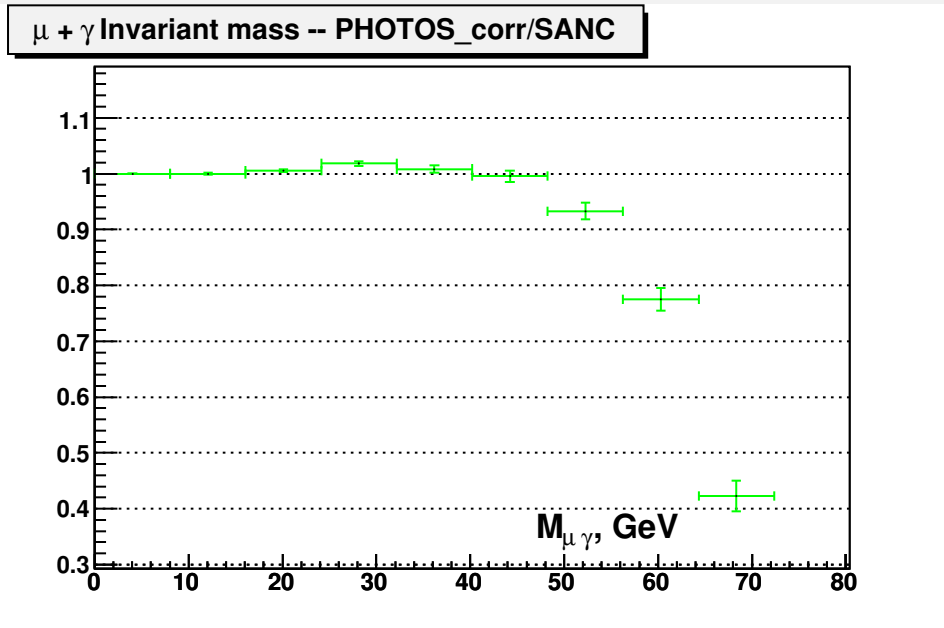

99.986% of events are in region $M_{\mu\gamma}$ < 48 GeV

In this region difference between PHOTOS with corr. weight and SANC is about 2%. In case of PHOTOS with standard kernel this discrepancy is about 20%

In the region $M_{\mu\gamma}$ > 55 GeV, where only 0.006% of events are located, difference for both standard and corr. weight PHOTOS can reach 40% -- that is expected owing to an approximation used in derivation of the correctiong weight

$$M_{\mu\gamma} = \sqrt{(p_\mu + p_\gamma)^2}$$