



Figure 1. The predicted γ -ray spectra for various Galactic diffuse emission components and their corresponding CTA count rates for 500 hours of observations of the inner $10^\circ \times 10^\circ$ regarding the CTA instrument response function. The background components are ICS, GCE, Fermi Bubble and Cosmic Rays. For both plots the dark matter correspond to the NFW profile. In the left plot there is the minimum Fermi Bubble model and in the right there is the maximum Fermi Bubble model.