

Molecular Study of CO in near galaxies: NGC 253 and NGC 4945 case

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Abstract

In this work we present molecular analysis of CO and isotopes ^{13}CO , ^{17}CO , ^{18}CO , $^{13}\text{C}^{17}\text{O}$ and $^{13}\text{C}^{18}\text{O}$ derived from the obtained spectra for near galaxies NGC 253 and NGC 4945 observed with APEX Telescope (Atacama Pathfinder Experiment telescope) with 5100 m elevation on Chajnator plateau at Atacama Chile. APEX is a 12 m telescope working in millimetric and submillimetric wavelength.