

Abstract Submitted
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Photon +Z production in heavy flavor decay channel at CDF

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— This analysis reports on one case of diboson production, as observed at the Fermilab Tevatron collider, the production of a photon and a Z boson from proton-antiproton collisions, considering only the case where the Z boson decays into a pair of b quarks, using the entire CDF Run II dataset, with an integrated luminosity of 9.1 fb^{-1} . This analysis considers events containing a central isolated photon and two central b-tagged jets. The cross-section for this process is measured to be consistent with the Standard Model prediction, but the presence of significant background yields relatively large statistical errors.

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