

Search for Vector boson scattering of WZ boson pairs

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Production of massive vector bosons via vector boson scattering provides a direct probe of the self-interactions of the massive vector bosons, which are intimately connected to the Higgs-Englert-Brout mechanism of EW symmetry breaking. A search for vector boson scattering of W and Z bosons has recently been performed by the CMS experiment using data collected in 2016. I will present this search as well as cross section measurements of WZ+2 jet events, which are less dependent on theoretical inputs.

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