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EFT re-interpretation of WZ Vector Boson Scattering production

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Vector Boson Scattering in the WZ fully leptonic channel is being studied in ATLAS with the full Run 2 data of 139 fb⁻¹. The importance of the channel for indirect New Physics searches beyond the Standard Model will be presented, and the procedure for an Effective Field Theory interpretation of the existence of quartic gauge couplings will be shown. Limits on anomalous couplings related to dimension-8 operators, which are relevant to the process, will be presented and discussed.

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