## **HADRONS 2025**



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## Total proton-air cross section in a QCD-inspired model

Wednesday, March 12, 2025 6:00 PM (2 minutes)

We describe the total proton-air production cross section based on the inelastic proton-proton cross section derived from a QCD-inspired model. In this approach, the QCD contribution to the total cross section for the inclusive process  $A+B\to jets$  is computed at the next-to-leading order.

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