

# Direct Photon Production In Association With A Heavy Quark Jet at Hadron and Ion Colliders

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The associated production of direct photons and heavy quarks probes the gluon and heavy quark PDFs. As such this process can be used to constrain those nPDFs and to distinguish between different nPDF sets. Predictions for hadron and ion colliders (ALICE, RHIC) are shown.

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