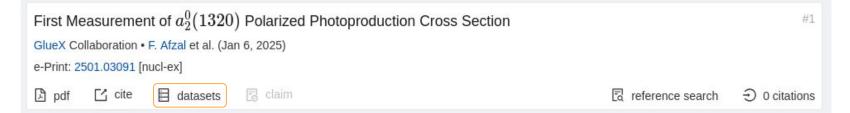
INSPIRE & HEPData

HEPData Users' Meeting, January 2025

Micha Moskovic (CERN) INSPIRE Product Manager



Context



- INSPIRE Literature search results have links to HEPData when available
- But currently no Data & Software records (partially implemented on old platform)
 - No citation tracking
 - No direct search for data records
 - Not present on author profiles
 - o ...
- We want to fix that!



Slogan: "First class Data & Software"



High-level objectives

- Help & incentivize researchers to make their Data & Software FAIR
- Collect & index all Data & Software products relevant for HEP
- Give credit to authors of Data & Software (author profiles, citations)
- Avoid manual work for INSPIRE team

Implementation will require significant time and efforts (multiple years)



Short-term goal: Data^{beta}

- Create INSPIRE records only for HEPData
- Search
- Detailed record view
- Citation tracking (linking, counting) based on DOIs in references
- Author profiles

Release planned for Q1'25





Multiplicity dependence of Υ production at forward rapidity in pp collisions at \sqrt{s} = 13 TeV

ALICE Collaboration

DOI: 10.17182/hepdata.156765 (data) Show All(8)

Abstract: (hepdata)

The measurement of Υ (1S), Υ (2S), and Υ (3S) yields as a function of the charged-particle multiplicity density $dN_{ch}/d\eta$, using the ALICE experiment at the LHC, is reported in pp collisions at $\sqrt{s} = 13$ TeV. The Υ meson yields are measured at forward rapidity (2.5 < y < 4) in the dimuon decay channel, whereas the charged-particle multiplicity is defined at central rapidity ([Veta] < 1). Both quantities are divided by their average value in minimum bias events to compute the self-normalized quantities.

INSPIRE paper: Multiplicity dependence of Υ production at forward rapidity in pp collisions at \sqrt{s} = 13 TeV

∂ links <u>ℓ</u> edit

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Multiplicity dependent ALICE Collaboration DOI: 10.17182/hepdata.15	_	of Y producti 8 DOIs	on at forward	l rapidity i	n pp collisions	at \sqrt{s} = 13 TeV	X				
Abstract: (hepdata) The measurement of Y(15 collisions at $\sqrt{s} = 13$ TeV central rapidity (\eta < 1). INSPIRE paper: Multiplicity	The Υ Both qu	(part), 10.17182/	epdata.156765.v1	t3 (part), 10.17	182/hepdata.156765	, 10.17182/hepdata.1567 .v1/ł4 (part), 10.17182/ .7182/hepdata.156765 (v		nt at the LHC, is rep article multiplicity is			

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