

# Cascade developer meeting

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- Hope that you are all ok !

# Next Conferences/workshops

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- **EPS** from 26 – 30 July 2021 (deadline for abstracts 7 May 2021)
  - QCD and Hadronic Physics
    - PB TMD densities – Sara merged with Lissa's talk
    - PB final state comparisons – Armando accepted
- **ISMD** from 12 - 16 July 2021 (deadline 15 June 2021)
  - PB TMD densities – Sara submitted
  - PB final state comparisons – Armando submitted

# PB TMD school

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- schedule it close to REF workshop
  - who can help ?

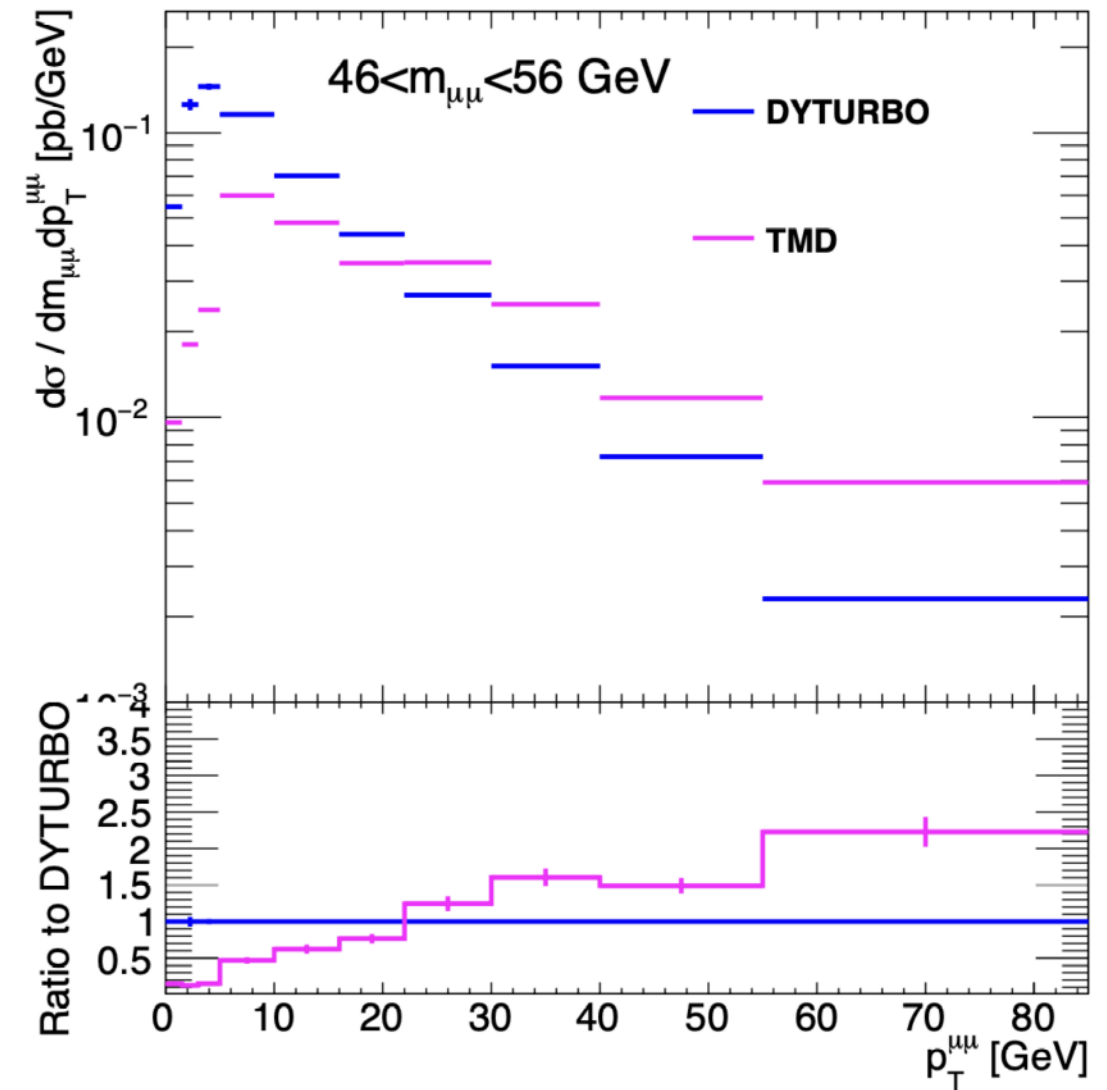
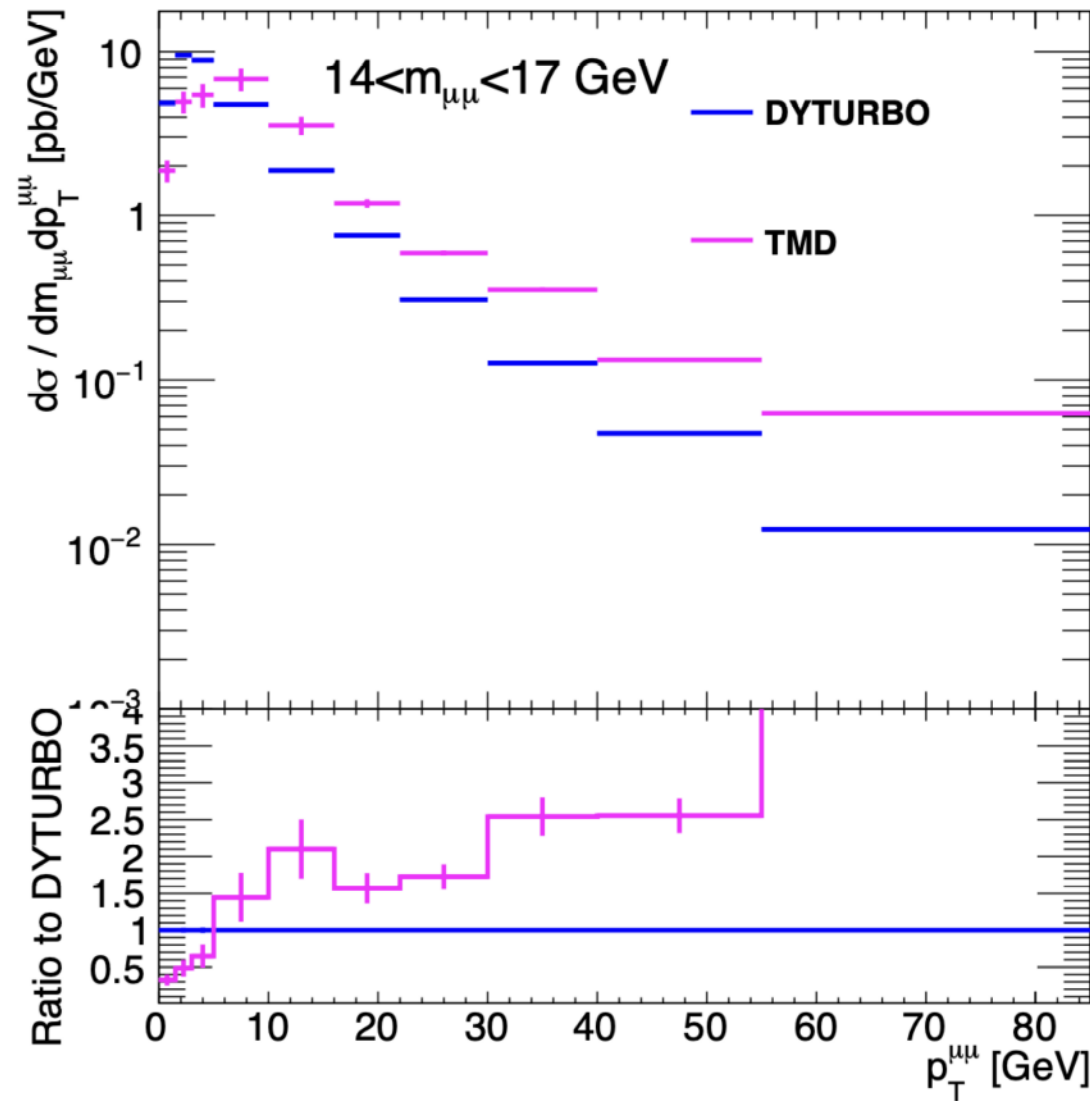
# CASCADE discussion with Lund

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- Mees initiated a discussion with Lund people (Leif, Stefan) on implementing PB parton shower in Pythia8
- had good discussion this week
  - ideas how to proceed
  - will have discussion in next meetings
- should have clear, what is expected from PB implementation in Pythia and what is role of CASCADE
  - MPI ?
  - ?

# News on CASCADE

- ATLAS low mass DY analysis – predictions from CASCADE



- Sara, Mikel volunteered to look into it
  - it is important to have it sorted out


# AOB

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# Agenda

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## Cascade developer meeting

 Thursday 17 Jun 2021, 15:30 → 16:30 Europe/Berlin

Description <https://cern.zoom.us/j/7861953672>

pwd: 2020

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**15:30** → 15:50 **Intro**

**15:50** → 16:10 **4VFNS and 5VFNS TMDs and applications**

**Speaker:** Sara Taheri Monfared (DESY)

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