

# Weekly Report

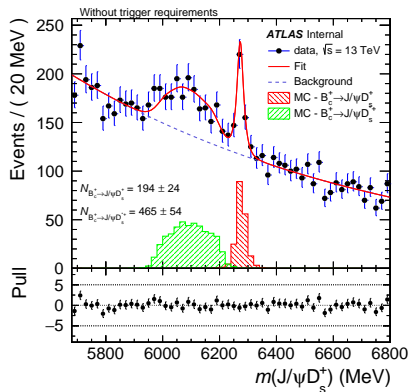
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IHEP

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# Status

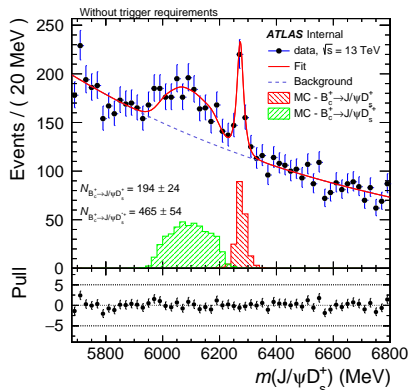
- $B_c^+ \rightarrow J/\psi D_s^+$



- We found 55% efficiency loss in previous analysis caused by the cut on  $K^+ K^-$  and  $K^+ K^- \pi^+$  masses, which are decorated incorrectly in the derivation.
- The solution is to access the original track and re-compute masses.
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- $B^+ \rightarrow J/\psi \pi^+ \pi^- K^+$

- Add trigger list and trigger weight
- Check streams
- Update good run list for 2017 and 2018 data
- The jobs are almost finished