

# BDT for $B \rightarrow K\mu e$



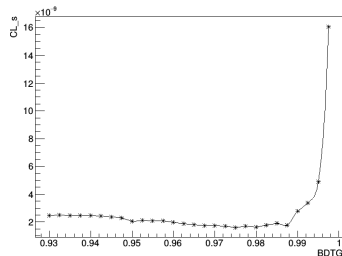
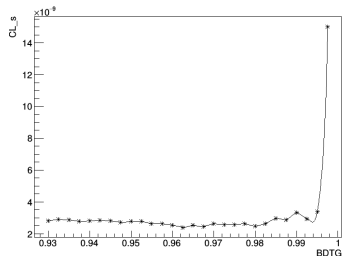
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# BDT optimization



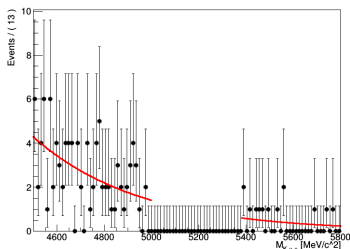
⇒ Again the result seems stable and the cut:

$$BDT > 0.98 \quad (1)$$

seems oki doki.

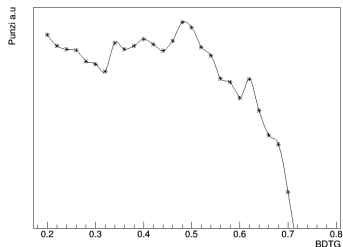
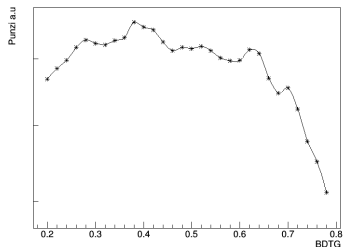
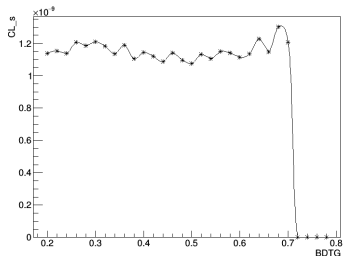
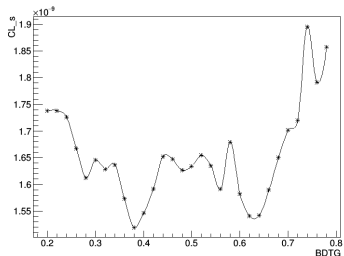
# BDTHOP optimization

- ⇒ I have modified the optimization procedure.
- ⇒ Now I use both left and right side-bands:



- ⇒ Makes things a bit more stable.
- ⇒ By eye you can see that the left side the huge part reco went away.

# BDTHOP optimization



⇒ Again the result seems stable and the cut:  $BDT > 0.5$  seems ok.

# Backup