

B tagging with 10 BC

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b tagging with Beam background

- Tried b tagging with 0 Bunch crossing 1 BC and 10 BC
- No significant deterioration in b tagging efficiency.
- Hence (probably) no pattern recognition breakdown
- Sample contains only b quarks so cannot calculate leakage from uds, c
- Seems possible (given the almost better performance) that confusion due to many tracks might affect vertexing and hence make c appears more b-like, but probably tiny effect
- In general very nice ... (waiting for 100BC sample)

And the graph/result...

