

# Phase II VXDTF2 readiness

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F2F tracking meeting Mainz

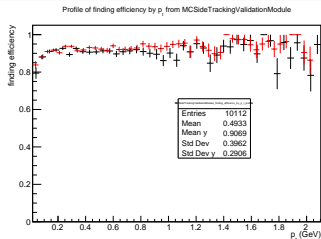
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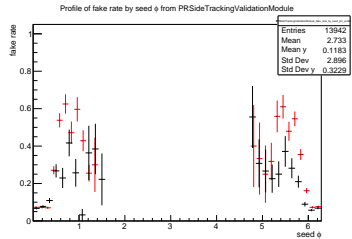
# Phase 2 readiness

- trained on 900k  $\Upsilon(4S)$  + 1 muon events, tested on 10k events, with the Phase 2 geometry, 0xBkg
- on average around 1 track per event found
- color coding: **VXD**, SVD only

## track finding efficiency



## fraction of fake tracks



- how to distinguish new sector maps
  - sector maps for Phase 2 not in DB yet
  - additional option in the tracking scripts?
  - define by interval of validity: i.e. if user wants Phase 2 he has to pick a certain run range?
- performance:
  - from the test beam we know there are memory / runtime issues for high occupancy events
- which trainings method to use:
  - $\Upsilon(4S)$  or muons
  - refined selection (see Valerio's talk)
- Ladder mounting of the SVD started
  - a cosmic run is planned
  - SVD group asked to provide track finding