PrimeTagSvc

Jets, samples and Wednesday working meeting

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New Version Ready

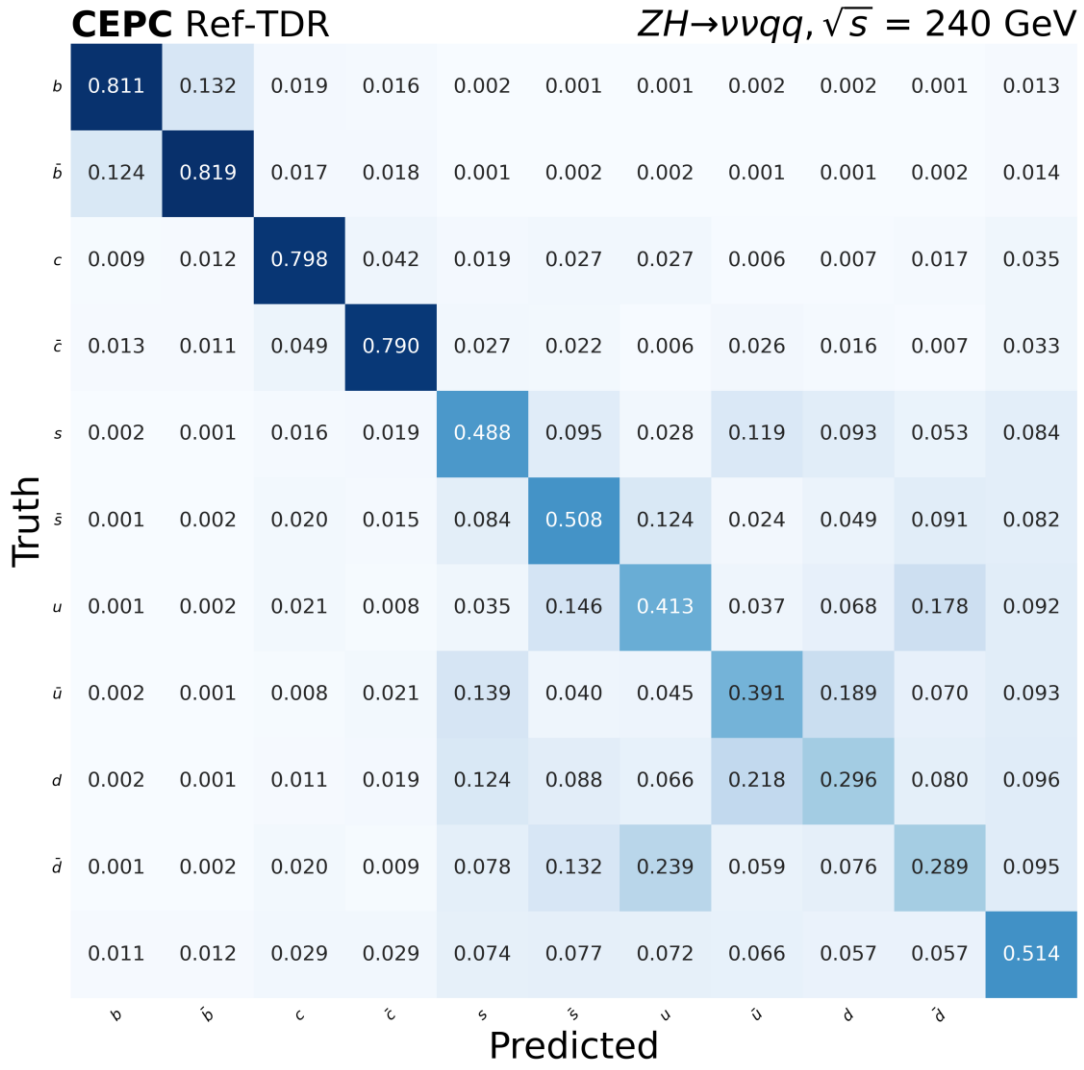
- https://code.ihep.ac.cn/zhangkl/PrimeTagSvc
- Code reconstructed;
  - Ensure PFO sorted by Energy, length up to 50.
  - Using variables less ECM correlated;
- Follow the tutorial JetDump

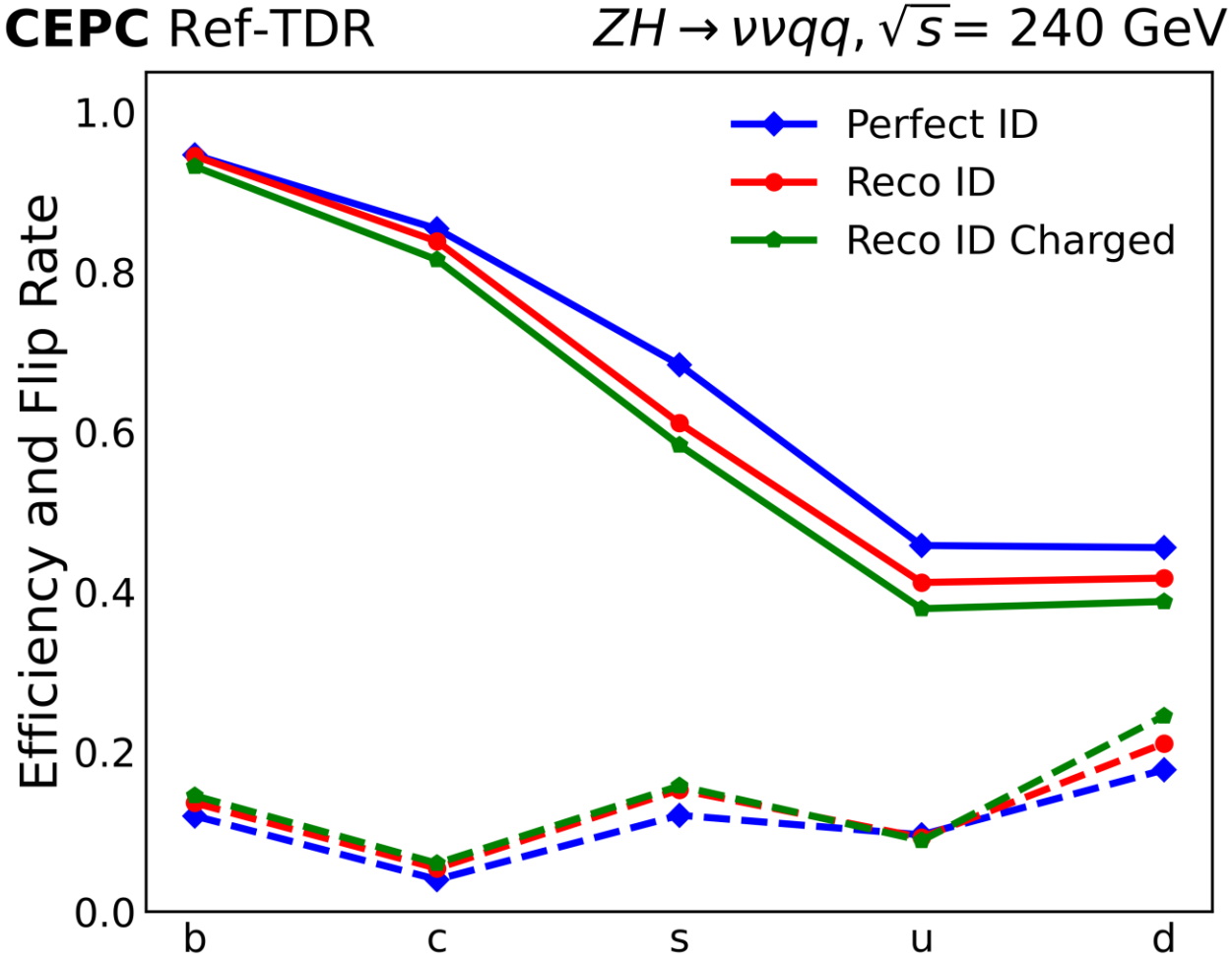
Interface for output;

```
std::vector<float> GetProb() const override;
int get_type_M11() const override;
int get_type_M6() const override;

// M11 Boolean functions (11 total)
bool is_b_quark() const override;
bool is_b_bar_quark() const override;
bool is_c_quark() const override;
bool is_c_bar_quark() const override;
bool is_s_quark() const override;
bool is_s_bar_quark() const override;
bool is_u_quark() const override;
bool is_u_bar_quark() const override;
bool is_d_quark() const override;
bool is_d_bar_quark() const override;
bool is_gluon() const override;

// M6 Boolean functions (6 total)
bool is_b_jet() const override;
bool is_c_jet() const override;
bool is_s_jet() const override;
bool is_u_jet() const override;
bool is_d_jet() const override;
bool is_gluon_jet() const override;
```

Default: M11 model in Ref-TDR

Other model like event level models in Onnx on the way.





To do

- Shap
- Variable Validation
- Delphes Validation
- Event multihead