

Link all repository pubblica su GitHub → https://github.com/martinosal/root_selector

 martinosal track inspection		Latest commit 2b732be 43 minutes ago
 output_files	track inspection	43 minutes ago
 plots	track inspection	43 minutes ago
 launch_selector.C	5th commit: added TChain launch_selector method	25 days ago
 list_files.C	merged_2	24 days ago
 selector_1.C	track inspection	43 minutes ago
 selector_1.h	track inspection	43 minutes ago

Input file: <https://cernbox.cern.ch/index.php/s/1qw3XinnCQsEqny>
Password: 1234

Branch: master ▾ root_selector / output_files /

Create new fileUpload filesFind fileHistory

 martinosal track inspection

Latest commit 2b732be 1 hour ago

..

 lxplus_output.root

merged 3rd commit

24 days ago

 output.root

track inspection

1 hour ago

 output_1.root

track inspection

1 hour ago

lxplus_output.root è il file da cui sono stati ricavati i vari plots.

Il file selector_1.h contiene la lista delle variabili usate nell'analisi.

Alcune variabili associate ai jets e a IP2D e IP3D:

```
48     TTreeReaderValue<Int_t> njets = {fReader, "njets"};
49     TTreeReaderArray<float> jet_pt = {fReader, "jet_pt"}; //<-JetPropertiesBranches.cxx
50     TTreeReaderArray<float> jet_eta = {fReader, "jet_eta"}; //<-JetPropertiesBranches.cxx
51     TTreeReaderArray<float> jet_phi = {fReader, "jet_phi"}; //<-JetPropertiesBranches.cxx
52     TTreeReaderArray<float> jet_E = {fReader, "jet_E"}; //<-JetPropertiesBranches.cxx

86     TTreeReaderArray<float> jet_ip2d_pb = {fReader, "jet_ip2d_pb"}; //<-ImpactParameterBranches.cxx
87     TTreeReaderArray<float> jet_ip2d_pc = {fReader, "jet_ip2d_pc"}; //<-ImpactParameterBranches.cxx
88     TTreeReaderArray<float> jet_ip2d_pu = {fReader, "jet_ip2d_pu"}; //<-ImpactParameterBranches.cxx
89     TTreeReaderArray<float> jet_ip2d_llr = {fReader, "jet_ip2d_llr"}; //<-ImpactParameterBranches.cxx
90     TTreeReaderArray<float> jet_ip3d_pb = {fReader, "jet_ip3d_pb"}; //<-ImpactParameterBranches.cxx
91     TTreeReaderArray<float> jet_ip3d_pc = {fReader, "jet_ip3d_pc"}; //<-ImpactParameterBranches.cxx
92     TTreeReaderArray<float> jet_ip3d_pu = {fReader, "jet_ip3d_pu"}; //<-ImpactParameterBranches.cxx
93     TTreeReaderArray<float> jet_ip3d_llr = {fReader, "jet_ip3d_llr"}; //<-ImpactParameterBranches.cxx
```

Tracce associate ai jets:

```
312     TTreeReaderArray<vector<float>> jet_trk_pt = {fReader, "jet_trk_pt"}; //<-TrackBranches.cxx
313     TTreeReaderArray<vector<float>> jet_trk_eta = {fReader, "jet_trk_eta"}; //<-TrackBranches.cxx
314     TTreeReaderArray<vector<float>> jet_trk_theta = {fReader, "jet_trk_theta"}; //<-TrackBranches.cxx
315     TTreeReaderArray<vector<float>> jet_trk_phi = {fReader, "jet_trk_phi"}; //<-TrackBranches.cxx
```