
Subject: Re: Wrong particle in FillList

Posted by [Klaus Götzen](#) on Fri, 16 Aug 2013 13:20:03 GMT

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Hi,

concerning the true PID (I guess you mean `PidAlgoIdealCharged`) I didn't test it myself. Usually I test whether the macros in tutorials/rho run properly and the output looks reasonable.

But since in the example also true PID is used for some histos, leading to reasonable results, it should work in principle. What I did there is to select true PID depending on the `McTruthMatch`.

```
int PndTutAnaTask::SelectTruePid(PndAnalysis *ana, RhoCandList &l) {
    int removed = 0;
    for (int ii=l.GetLength()-1;ii>=0;--ii) {
        if ( !(ana->McTruthMatch(l[ii])) ) {
            l.Remove(l[ii]);
            removed++;
        }
    }
    return removed;
}
```

Best,
Klaus
