
Subject: [OK] J/psi->ee and J/psi->mumu
Posted by [Elisa Fioravanti](#) on Mon, 14 Apr 2014 08:40:13 GMT
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Dear all,

I would like to ask you if there is a way to reconstruct the J/psi in both the electronic and muonic decay modes.

I set both the decay modes into my decay file and then in my macro I do:

```
jpsiee.Combine(eminus,eplus);  
jpsimm.SetType(443);  
for(j=0;j<jpsiee.GetLength();++j){  
    invmassee->Fill(jpsiee[j]->M());  
}
```

```
        jpsimm.Combine(muminus,muplus);  
jpsimm.SetType(443);  
for(j=0;j<jpsimm.GetLength();++j){  
    invmassmm->Fill(jpsimm[j]->M());  
}
```

Now, is there the possibility to have a single RhoCandList where the J/psi is formed by both jpsiee and jpsimmm?

I would like to have a single RhoCandList

there the J/psi is formed by both the electronic and muonic decay modes.

Thanks in advance,
Elisa