

---

Subject: Re: eta\_c with event mixing for STT  
Posted by [Dima Melnychuk](#) on Thu, 08 Sep 2011 00:48:23 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi all,

With the latest run eta\_c events produced with STT with background mixing are reconstructable.

Multiplicity of reconstructed tracks is rather high:

With rough pre-selection on phi mass invariant mass distributions looks like:

So there is small indication of eta\_c peak.

But after the final selection:

eta\_c is reconstructed with efficiency 3.3%

Dima

---

#### File Attachments

- 1) [n\\_charged\\_stt\\_mix.png](#), downloaded 405 times
  - 2) [m\\_nocuts\\_stt\\_mix.png](#), downloaded 441 times
  - 3) [m\\_final\\_vtx\\_stt\\_mix.png](#), downloaded 396 times
-