

---

Subject: Re: Vertex fitter for two consecutive decays  
Posted by [Ralf Kliemt](#) on Tue, 25 Nov 2014 11:00:02 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi Karin,

The Lambda is a neutrally charged particle. Our fitters cannot create a valid Helix & Covariance from that.

Since the Xi does fly some distance my only suggestion is you try and make an analytical helix-line point-of-closest-approach finder by hand.

Cheers  
Ralf

---