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Subject: Re: Macros for Mvd+Stt Pattern Recognition  
Posted by [StefanoSpataro](#) on Thu, 16 Dec 2010 09:02:41 GMT  
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Hi Gianluigi,  
I have run the full sim chain in macro/pid, simulating 10k events with DPM to check the stability.

Everything is fine up to the stt pattern recognition (PndSttTrackFinderReal).  
Once I add PndSttMvdTracking I have the system hanging on a well defined event (7434) for hours and then closing the root.  
I have tried two times with the same effect.

This is the last message I got:

Found Tracks: 0 in event no. 7431

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Found Tracks: 0 in event no. 7432

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Found Tracks: 0 in event no. 7433

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Warning: numerical instability (primal simplex, phase II)

Found Tracks: 0 in event no. 7434

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something fishy is going on in PndSttTrkAssociatedParallelHitsToHelixQuater!Range in Fi (rad)  
is 3.454

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