



Cornell University Laboratory for Elementary-Particle Physics

 $D_S^{*+} \rightarrow D_S^+ e^+ e^-$ 

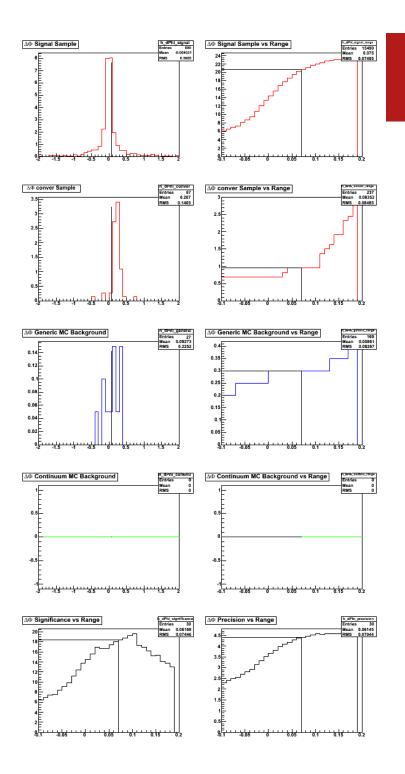
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## Reprocessing Campaign Frontline

	Pass2		DTag		N-Tuplize
39	20060117_P2 PASS2-C_5	Done	20060224_FULL_1 Analysis-C_5	Done	Done
40	20060802_P2 PASS2-C_6	Done	20060224_FULL_1 Analysis-C_6	Submitted	
41	20060802_P2 PASS2-C_6	Done	20060224_FULL_1 Analysis-C_6		
47	20071023_P2 PASS2-C_6	Done	20060224_FULL_A_3 Analysis-C_6	Done	Done Missed DTags ~ 0.18% New DTags ~ 0.11%
48	20071023_P2 PASS2-C_6	Done	20060224_FULL_A_3 Analysis-C_6	Done	Done Missed DTags ~ 0.15% New DTags ~ 0.08%

Datasets moved from /an2 to /an3. MC still in /an2. Will request for backup of /an3.



## **Electron-fitted Optimization Strategy**

We are producing Ds\* -> Ds gamma samples privately, where both Ds's decay generically. The electron fit is turned on these.

We veto events in the generic MC that have Ds\* -> Ds gamma in their MC truth. And replace them with events from the above electron-fitted MC sample.

Settling on cuts.