

































	How many events	?
Rough estimate: Need ~ 1000 recons $\mu\mu$, and $K_{s} -> \pi^{2}$	structed B-> J/ψ K _s decays with π^-	J/ψ -> ee or
$\frac{1}{2}$ of Y(4s) decays BR(B-> J/ ψ K ⁰)=8. BR(J/ ψ -> ee or $\mu\mu$ $\frac{1}{2}$ of K ⁰ are K _s , BR(are B ⁰ anti-B ⁰ (but 2 per decay) 4 10 ⁻⁴ a)=11.8% $(K_{S} > \pi^{+} \pi^{-})=69\%$	
Reconstruction effiency ~ 0.2 (signal side: 4 tracks, vertex, tag side pid and vertex)		
N(Y(4s)) = 1000 / (= 140 M	(1⁄2 * 1⁄2 * 2 * 8.4 10 ⁻⁴ * 0.118 *	0.69 * 0.2) =
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