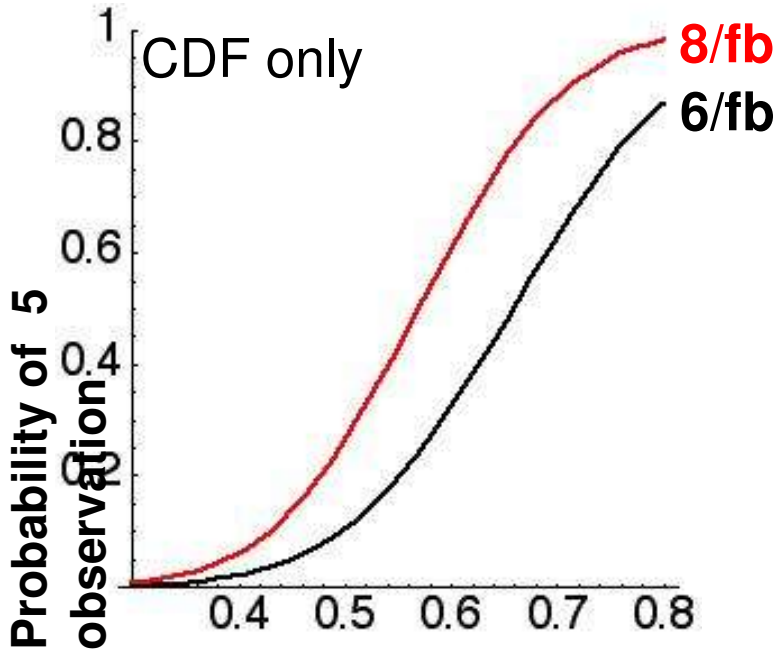
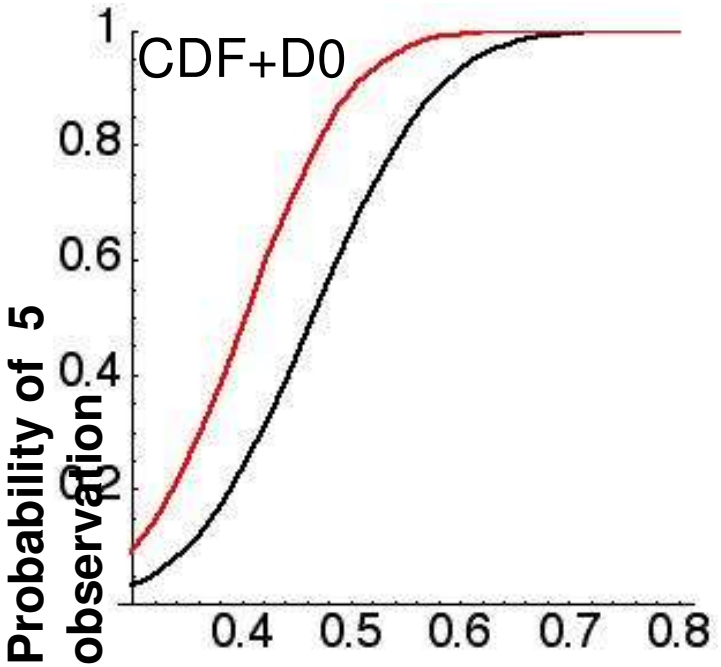
(Conservative) outlook

% of CDF 'clones' that would observe a 5-sigma effect as a function of β_s .





Assumes constant data-taking efficiency and no analysis improvements. No external constraints (Asl, lifetimes) used.

The future will probably be better than that.

Food for thought?

Strong-phase ambiguity: worst offender in limiting betas resolution. Any reliable method/assumption to contain the damage?

Naïve factorization disfavored by comparison with B0->psiK* (U(3) assumption)

Nandi-Nierste: (tagged) Bs->DsK - Precise gamma a necessary input. Difficult at CDF: needs large DsK samples arXiv:801.0143[hep ph]

Gronau-Rosner: reinforce claim of U(3) similarity between B0->PsiK* and Bs->psiphi. Propose an alternate angular treatment that is less prone to strong-phase ambiguities. arXiv:0808.3761[hep-ph]