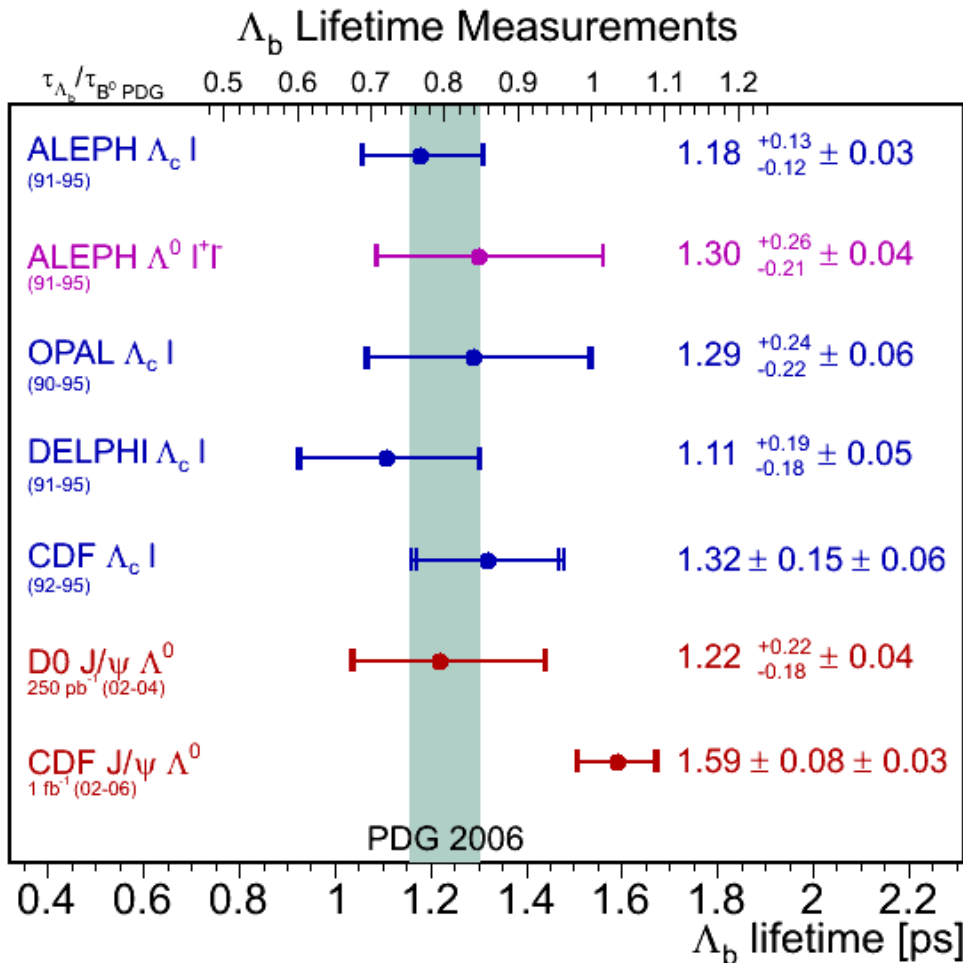


Conclusions

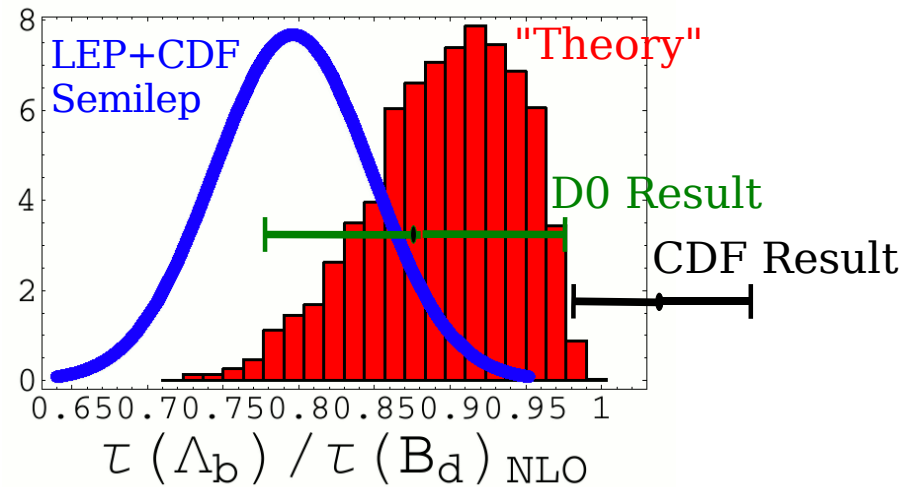
Using our Λ_b lifetime and the PDG 2004 B^0 lifetime, we get

$$\tau(\Lambda_b)/\tau(B^0) = 1.041 \pm 0.057 \text{ (stat.+syst.)}$$

This result is inconsistent with PDG 2004 world average $\tau(\Lambda_b)$ @ 3.2σ level



Our $\tau(\Lambda_b)$ measurement is the **world's most precise measurement** → best by far in a fully reconstructed decay channel



and consistent with theory