Figure 1: Measured $z(J/\psi)$ distributions for $J/\psi$ mesons produced promptly and in $b$-hadron decays. The statistical uncertainties are negligible.

Figure 2: Reconstructed $J/\psi$ yields for (darker colors, squares) prompt and (lighter colors, circles) $b$-hadron production in bins of reconstructed $[z(J/\psi), p_T(jet)]$, with no efficiency corrections or unfolding of the detector response applied.