

# Measurements of the properties of bottom baryons at CDF

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We report measurements of the masses and mean lifetimes for ground state b-baryons updated with the full Tevatron run II data set obtained by the CDF detector. The baryons are reconstructed in decay modes with a  $J/\psi$  or  $\Xi_c$ , namely  $\Lambda_b \rightarrow J/\psi \Lambda$ ,  $\Xi_b^- \rightarrow J/\psi \Xi$ ,  $\Omega_b \rightarrow J/\psi \Omega$ ,  $\Xi_b^- \rightarrow \Xi_c^0 \pi^-$ , and  $\Xi_b^0 \rightarrow \Xi_c^+ \pi^-$ . These are legacy measurements for b-baryons from CDF.

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**Primary author:** LUKENS, Patrick (Fermilab)

**Co-author:** LEWIS, Jonathan (Fermilab)

**Presenter:** LUKENS, Patrick (Fermilab)

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