# Z+CalRatio Analysis

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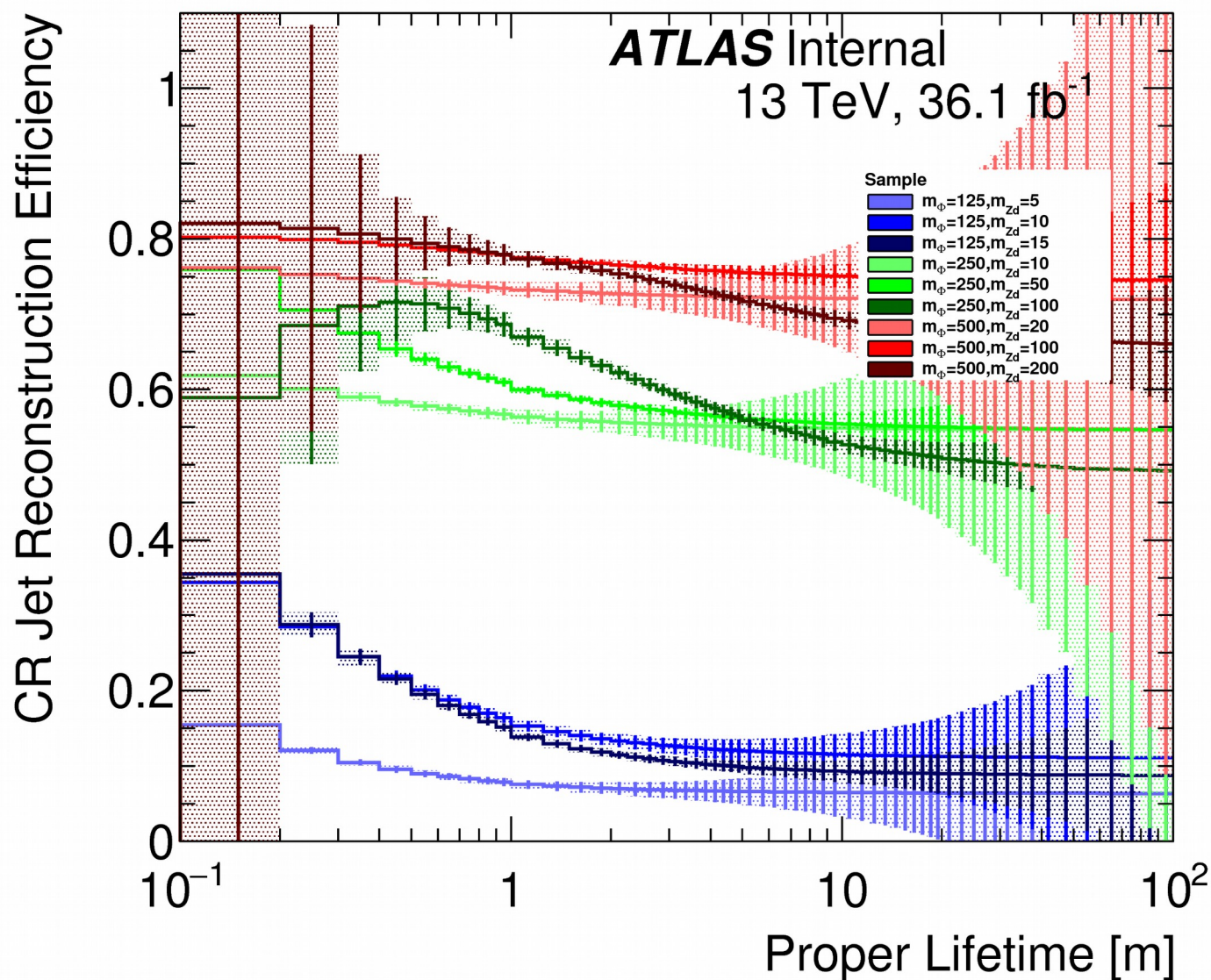
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# Uncertainty on Lifetime Reweighting

Found mistake in accounting for uncertainty on lifetime reweighting macro.

Was previously extending to lifetimes of ~100m...however the current MC clearly can't be meaningfully extended that far.

# Gluon vs Quark Initiated Jets

**Jet Charge has never successfully been used to discriminate between q/g jets – but track multiplicity has**

**(https://cds.cern.ch/record/2263679?ln=en)**