

Search for Lepton Flavour Violating Decay at FASER

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FASER is one of the promising experiments which search for long-lived particles in beyond standard models. We study the sensitivity to the charged lepton flavor violating (cLFV) decays of the long-lived particles by FASER experiment.

We find that FASER can search the cLFV decays of these particles in the parameter region which survives the current severe experimental constraints on cLFV coupling.

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