

Status of Pion Decay Experiments

The present status of pion decay experiments will be discussed.
The focus will be on precision tests of electron-muon universality
in weak interactions via measurements of the branching ratio
 $R = (\pi \rightarrow e \nu) / (\pi \rightarrow \mu \nu)$. A recent TRIUMF measurement provided an
improved precision of 0.12 % in the ratio of g_e/g_μ . A further
improvement is expected in the future analysis based on more data.

Summary

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