

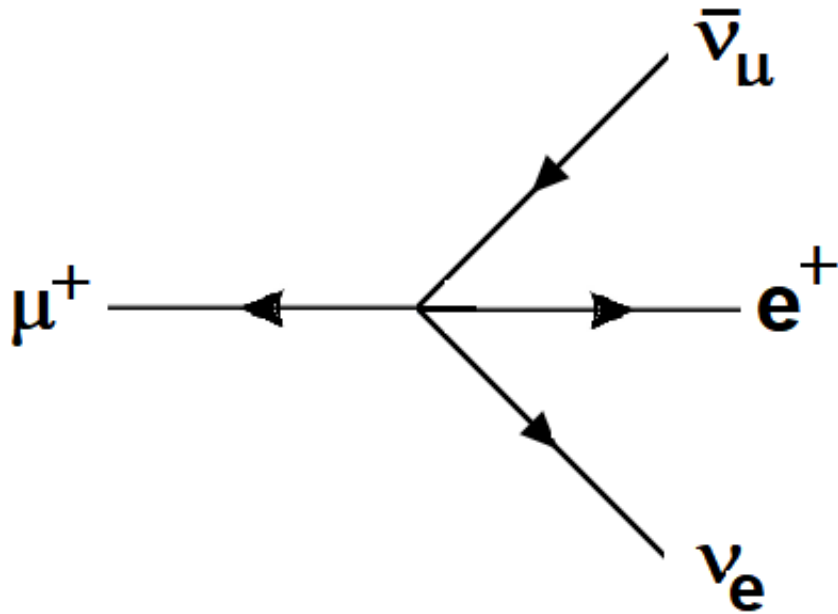


PARTICLE TRANSFORMATIONS

Lepton decays

Feynman Diagram:

Decay L-01



Description:

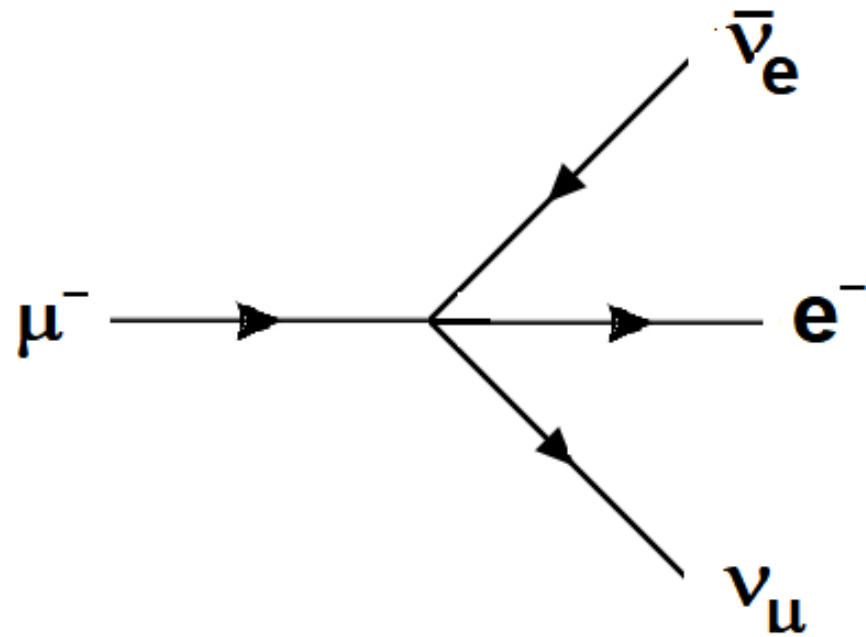
An antimuon transforms into an antimuon neutrino, a positron, and an electron neutrino.

Scratchpad:

Before decay	After decay

Feynman Diagram:

Decay L-02



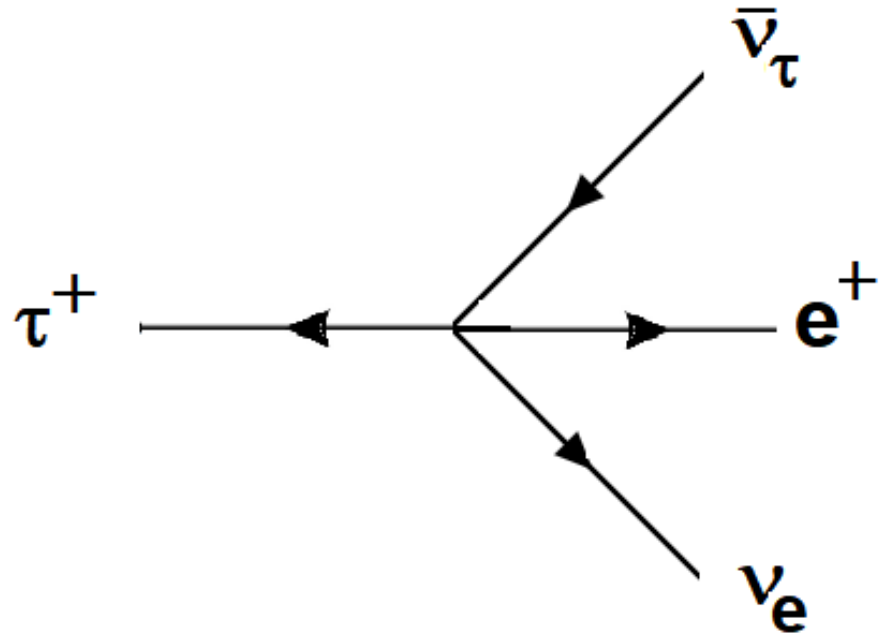
Describe this transformation:

Scratchpad:

Before decay	After decay

Feynman Diagram:

Decay L-03



Describe this transformation:

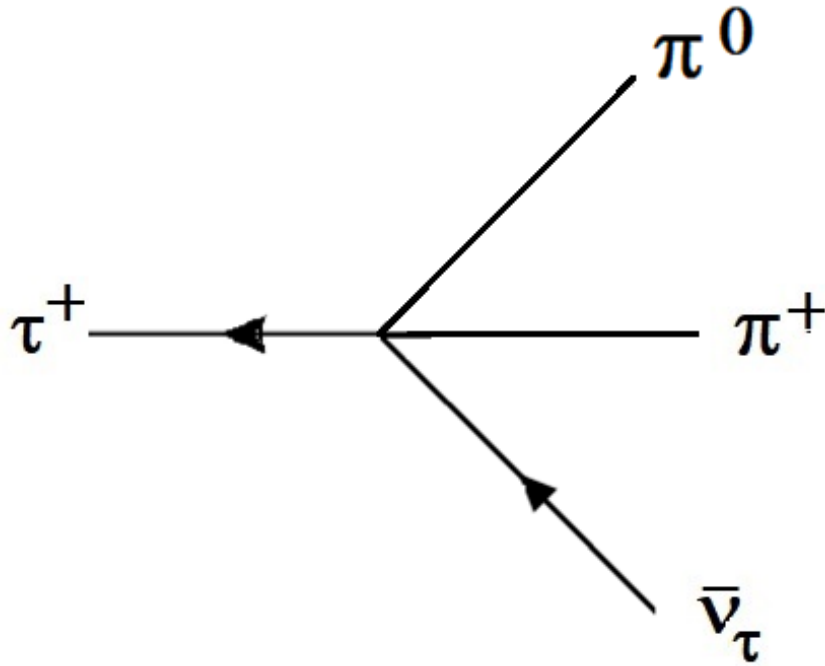
Scratchpad:

Before decay	After decay

Feynman Diagram:

Decay L-04

Describe this transformation:



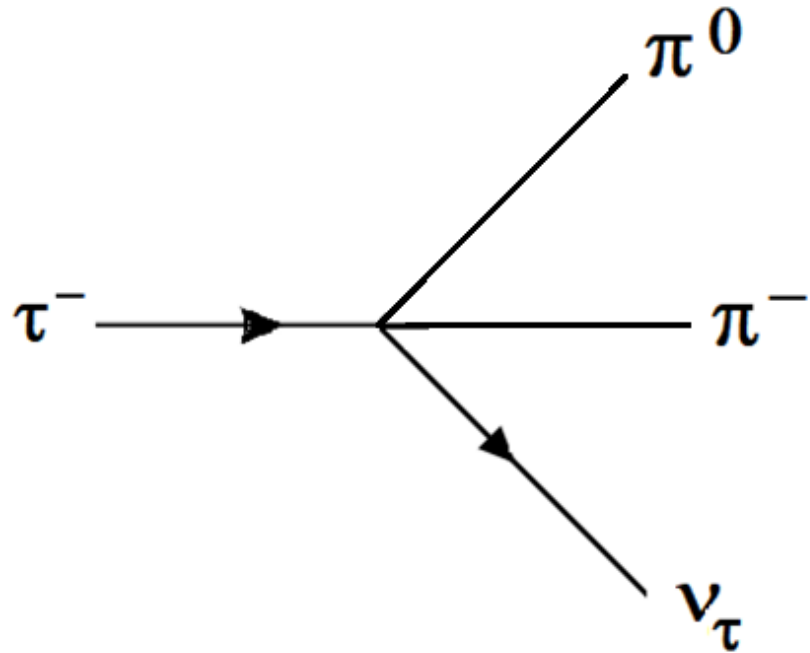
Scratchpad:

Before decay	After decay

Feynman Diagram:

Decay L-05

Describe this transformation:

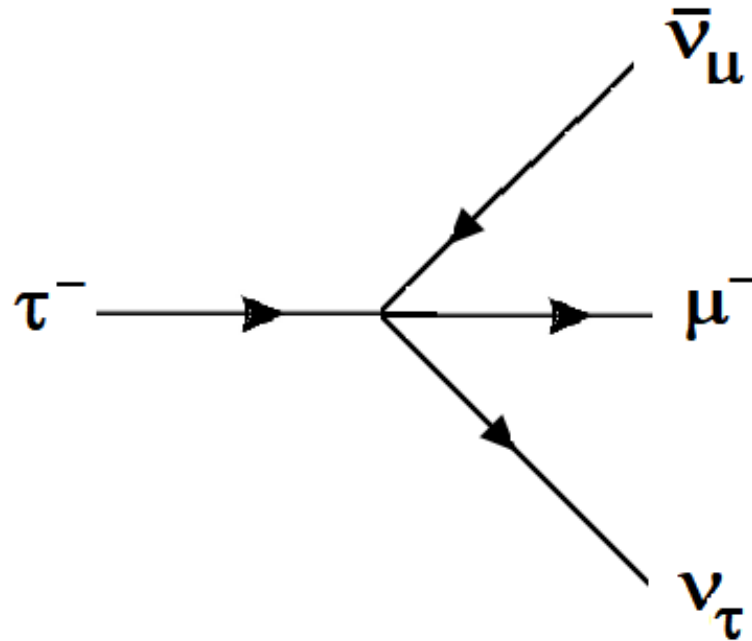


Scratchpad:

Before decay	After decay

Feynman Diagram:

Decay L-06



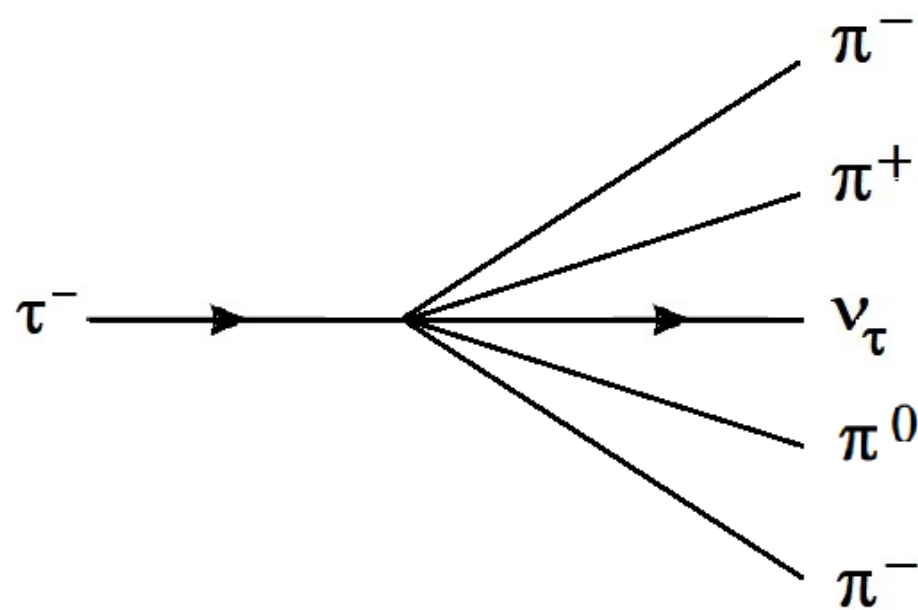
Describe this transformation:

Scratchpad:

Before decay	After decay

Feynman Diagram:

Decay L-07



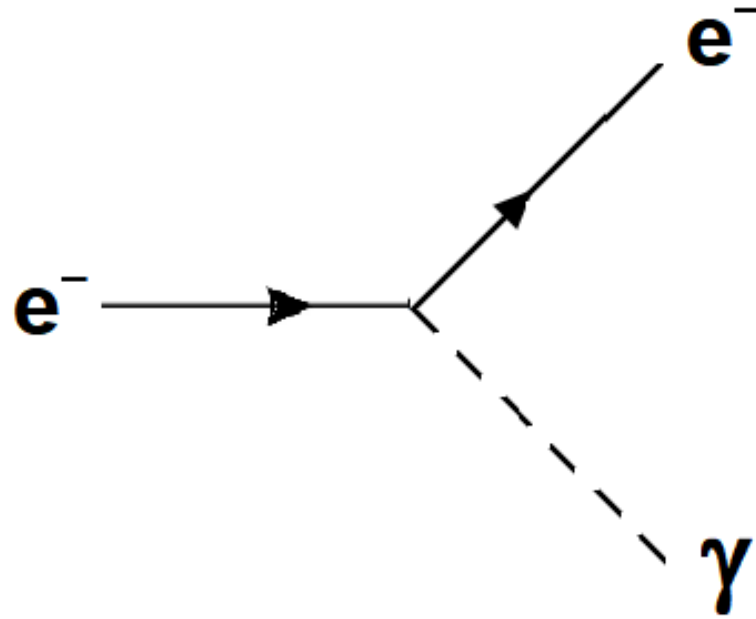
Describe this transformation:

Scratchpad:

Before decay	After decay

Feynman Diagram:

Decay L-08



*Not really a decay:
an electron radiates
a photon. This
occurs when
something causes
the electron to lose
momentum.*

Scratchpad:

Before decay	After decay