



A Feynman diagram illustrating a Z boson exchange between two fermions. Two solid lines, representing fermions, enter from the left and exit to the right. They are connected by a vertical wavy line representing a Z boson. Above the wavy line is the label Z^0 , and below it is the label γ . Two diagonal lines, representing neutrinos, enter from the top and exit to the right. They are connected by a vertical dashed line representing a Z boson. Above the dashed line is the label Z^0 , and below it is the label ν .

Z^0

γ

Z^0

ν