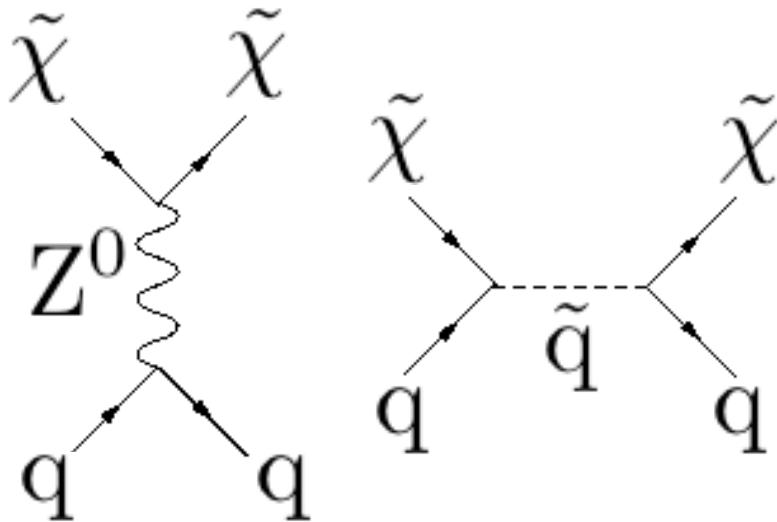


# Neutralino interactions



Both the  $Z$  zero and the  $q$  tilde particles are weakly interacting, heavy exchange particles. Therefore the neutralino is a **STABLE, WEAKLY INTERACTING MASSIVE PARTICLE**. WIMPs could be neutralinos !

And they could collide with nuclei and cause them to scatter !