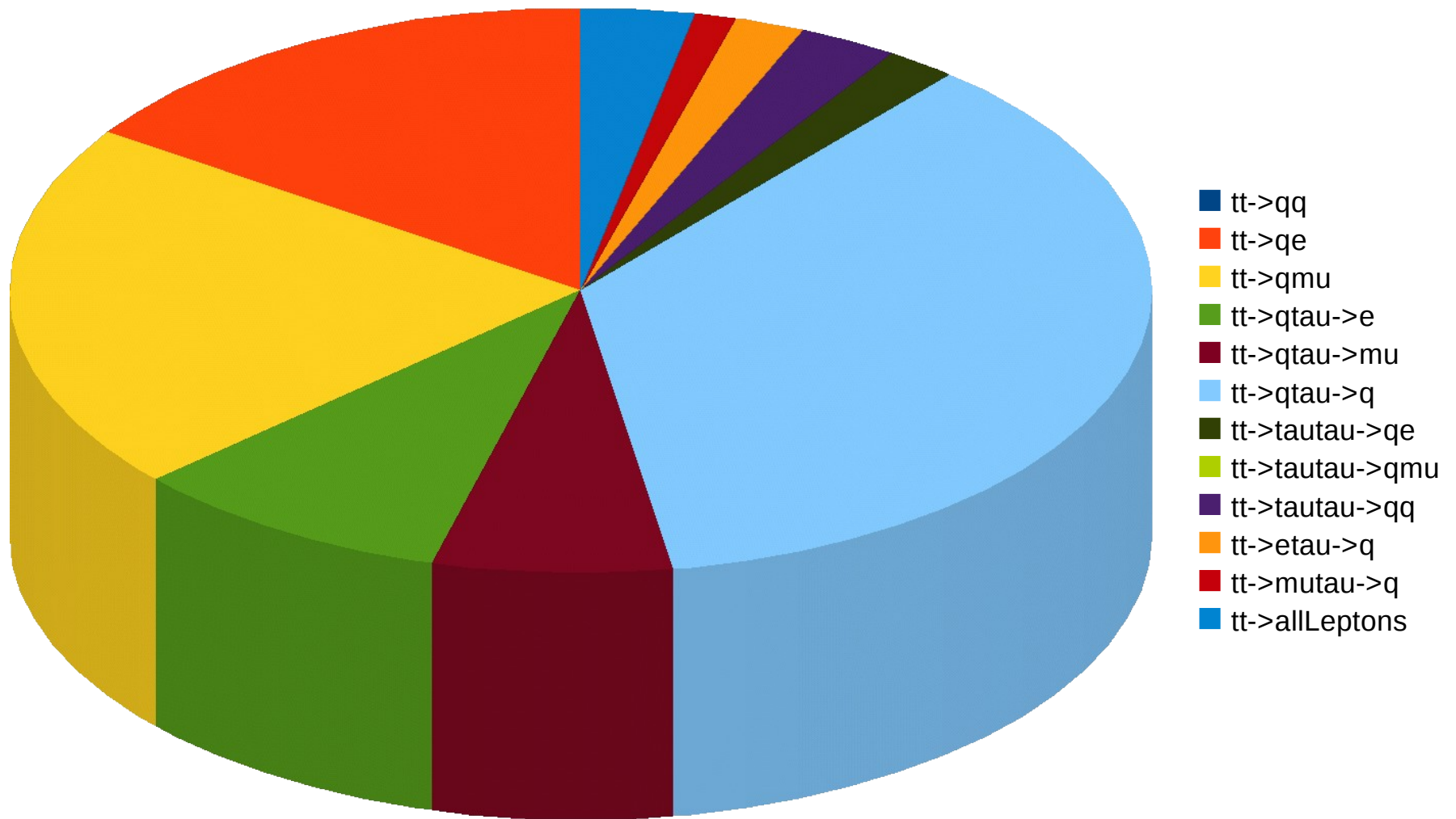


Top background (old lepton isolation)



Questions and plans

Question:

In the new isolation, there is not only a tracker-, but also a ECAL- and HCAL- isolation (all combined):
Why use ECAL isolation? Bremsstrahlung photons will probably destroy this isolation. (old isolation 8.5 instead of 15 Ttbar events)

Plans (short term):

Check if leptons are emitted in Jet direction (not covered by inefficiency scaling) – possibly because of heavily boosted top

Check the use of PF-taus

Decide (together with UCSB,...) which channel is most interesting (tau->had?)

Open for input