energy: 2.37e+09 GeV (log\_energy: 9.37) original original 10.0 resample resample 7.5 -5.0 -2.5 -0 -0.0 -0.2 0.8 0.2 8.0 0.0 0.6 1.0 0.0 0.4 0.6 1.0