energy: 2.37e+09 GeV (log energy: 9.37) original original 10.0 resample resample 2.0 -7.5 -5.0 -1.0 -2.5 -0.5 -0.0 -0.0 -0.2 0.4 0.8 0.2 0.6 8.0 1.0 0.0 0.6 1.0 0.0 0.4