energy: 1.77e+01 GeV (log_energy: 1.25) original original 1.5 resample resample 1.0 -0.5 -0.5 -0.0 -0.2 0.4 0.6 0.8 0.2 0.4 0.0 1.0 0.0 0.6 0.8 1.0