energy: 6.81e+02 GeV (log energy: 2.83) original original resample resample 1.00 -0.75 -0.50 -0.5 -0.25 -0.00 -0.4 0.6 0.8 0.2 0.0 0.2 1.0 0.0 0.4 0.6 0.8