energy: 2.73e+02 GeV (log_energy: 2.44) original original 1.25 resample resample 1.00 -0.75 -1.0 -0.50 -0.5 -0.25 -0.00 -0.2 0.0 0.2 0.6 8.0 1.0 0.0 0.6 8.0