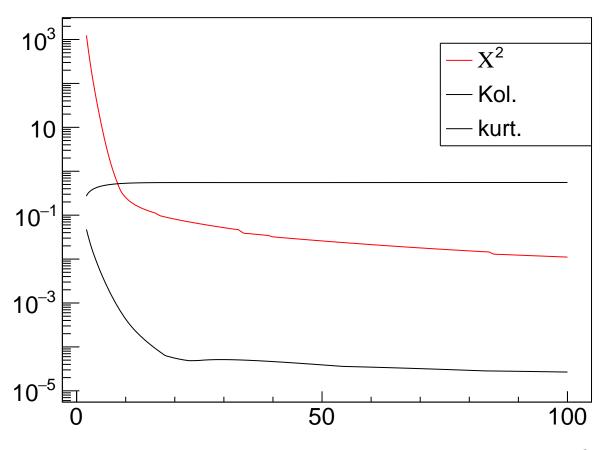χ^2 and Kolmogorov tests for n and n-1 iterations of deconvolution of θ_Y