**Energy Spectrum** 10<sup>1</sup>  $10^{-1}$ 10<sup>-3</sup> 10<sup>-5</sup>  $10^{-7}$  $10^{-9}$ Athena (var=4.522e-03) syn (-1.72) Synthetic (var=1.000e+00) k = 0.35syn + 3/2ath (-1.54)  $10^{-11}$ syn -5/3 ath (-4.39) syn (0.22) k = 0.55 $10^{-1}$ 10<sup>0</sup>

k