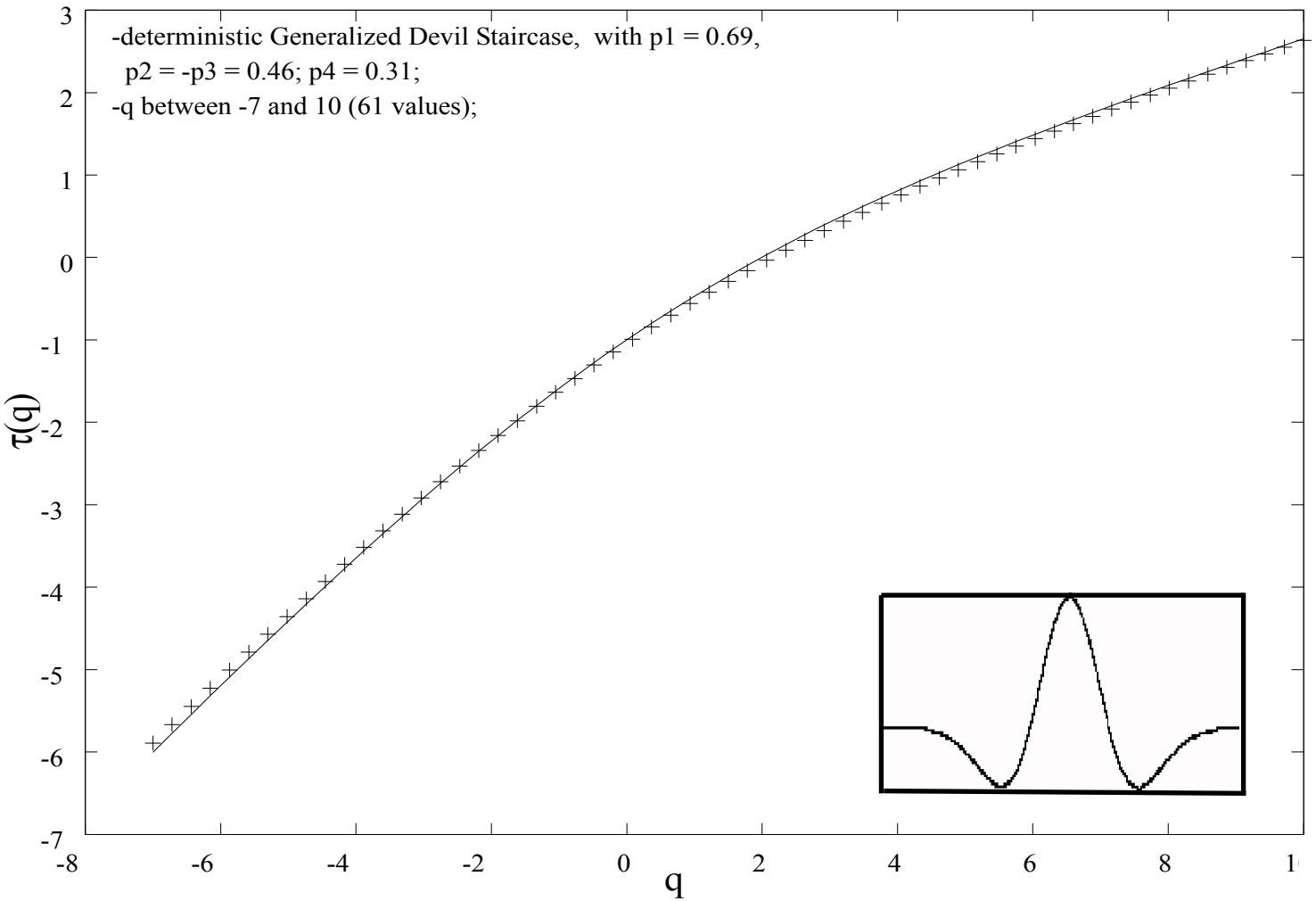

Fig. 6.2 “tau spectrum” for the Generalized Devil Staircase. p1, p2, p3 and p4 are the parameters used to obtain the time series. q takes 61 equally spaced values, between -7 and 10. The scaling range fitted to compute this spectrum extends between 2^2 and 2^9. The theoretical spectrum (continuous line) and the computed one (small crosses) are in very good agreement. The inset shows the analyzing mother-wavelet (the second derivative of the Gaussian) used to compute the CWT in this study.