Figure 5. At the bottom is shown a MOLA topographic profile of the southern polar region with the latitude and longitude corresponding to the laser footprint. Points B and B’ on the profile track are shown on the map in figure 3b. Above is the wavelet transform of the topography, $W(tk, an)$, for 10 values of $an/a_0$. The corresponding length scale is given at left. Figure 6b shows the wavelet variance spectrum calculated for each of the chosen subregions, a and b.