Figure 7. Average variance spectrum of wavelet transforms in four Martian terrains. Beta represents power-law exponent of best-fit lines. Error bars show two standard deviations (one above, one below) of averaged data. (a) North polar and circumpolar results. Ice cap is rougher than surrounding terrain at all scales. (b) South polar and circumpolar results. Note that polar region is less rough than circumpolar region at all scales.