



Fig. 4. Transects across lunar swirls in band strength (black), albedo (blue), and redness (750/415 nm, red), for the swirls presented in Fig. 2. Transects represent averages of values between the white lines in Fig. 2, and the width of this region is indicated in each figure. The band strength and redness transects have been vertically shifted to facilitate comparisons. The values on the vertical axis apply to the albedo transects. Values for the other two transects are offset from the albedo by the numbers near each transect. In parts E and F, some of the albedo transects have also been offset, such that all transects are relative to the albedo of the unlabeled albedo transect. Solid horizontal lines represent the mean values for the rectangular background regions in Fig. 2 (labeled with blue circles), using the same offsets as the transects. The background region for part B is the same as the one used for part A, since they are both located in Mare Ingenii, and the limits of the swirl in part B are uncertain. Arrows in parts A, C and E are used for discussion in Section 2.2. Location labeled with * in part F is shown in Fig. 2f. Abscissa scale for transect 4 in part F is 0 to 88.1 km.