



**Figure 5:** A portion of the station map of Figure 1, cut away to show a partial migration example in the 40-km-deep section. Robinson's (1994) relocated hypocenters for the Weber I and II sequences are projected into the NW-striking section plane. The image example shows the migration of the Weber II recordings at station AGA from Figure 2 (upper) into this section. White indicates negative migrated reflectivity, black positive reflectivity, and gray little reflectivity. The black ellipsoid suggests a locus of backscattered reflection points with an event (black square) and station AGA (black arrows) as its foci. The elongated gray ellipsoid suggests a locus of forward-scattered reflection (or diffraction) points from a Weber I event below the 20-km-deep plate interface, to station WTA (with data shown in Figure 2, lower). Note that the forward-scatter travel time will be only slightly larger than the direct time (as in Figure 2, lower); and that no ellipsoid foci are likely to be in any one section plane.