Figure 9.1: Fit residuals for set A. Top left: color-coded residuals in the $\cos(\theta)$ vs momentum plane. Top right: projection on the momentum axis. Bottom left: projection on the $\cos(\theta)$ axis. Bottom right: projection of the "upstream minus downstream" distribution. Solid markers are for points inside the fiducial region, empty markers for outside. The contours delimit the fiducial region. See text.
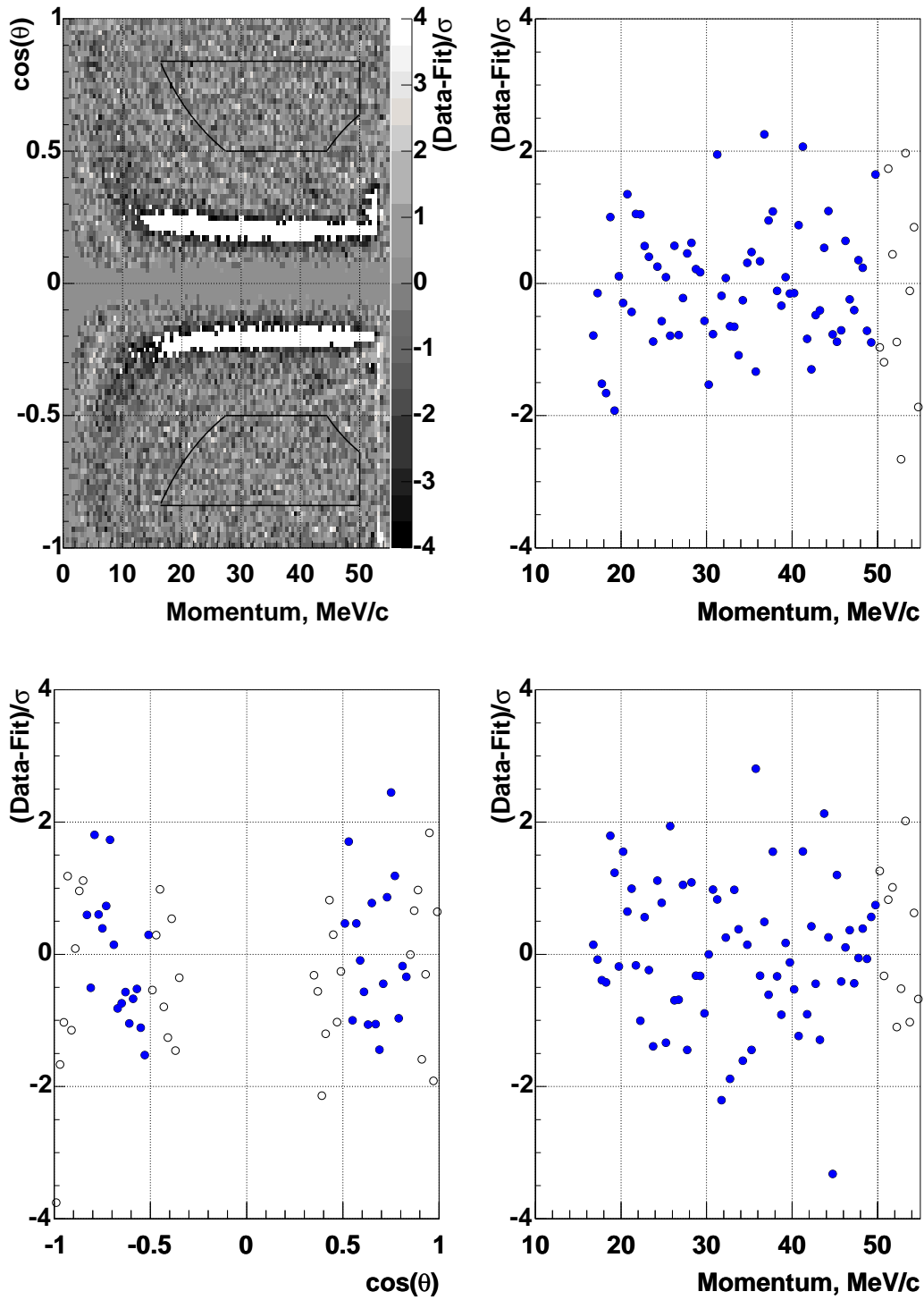
Figure 9.2: Fit residuals for set B. Top left: color-coded residuals in the $\cos(\theta)$ vs momentum plane. Top right: projection on the momentum axis. Bottom left: projection on the $\cos(\theta)$ axis. Bottom right: projection of the "upstream minus downstream" distribution. Solid markers are for points inside the fiducial region, empty markers for outside. The contours delimit the fiducial region. See text.
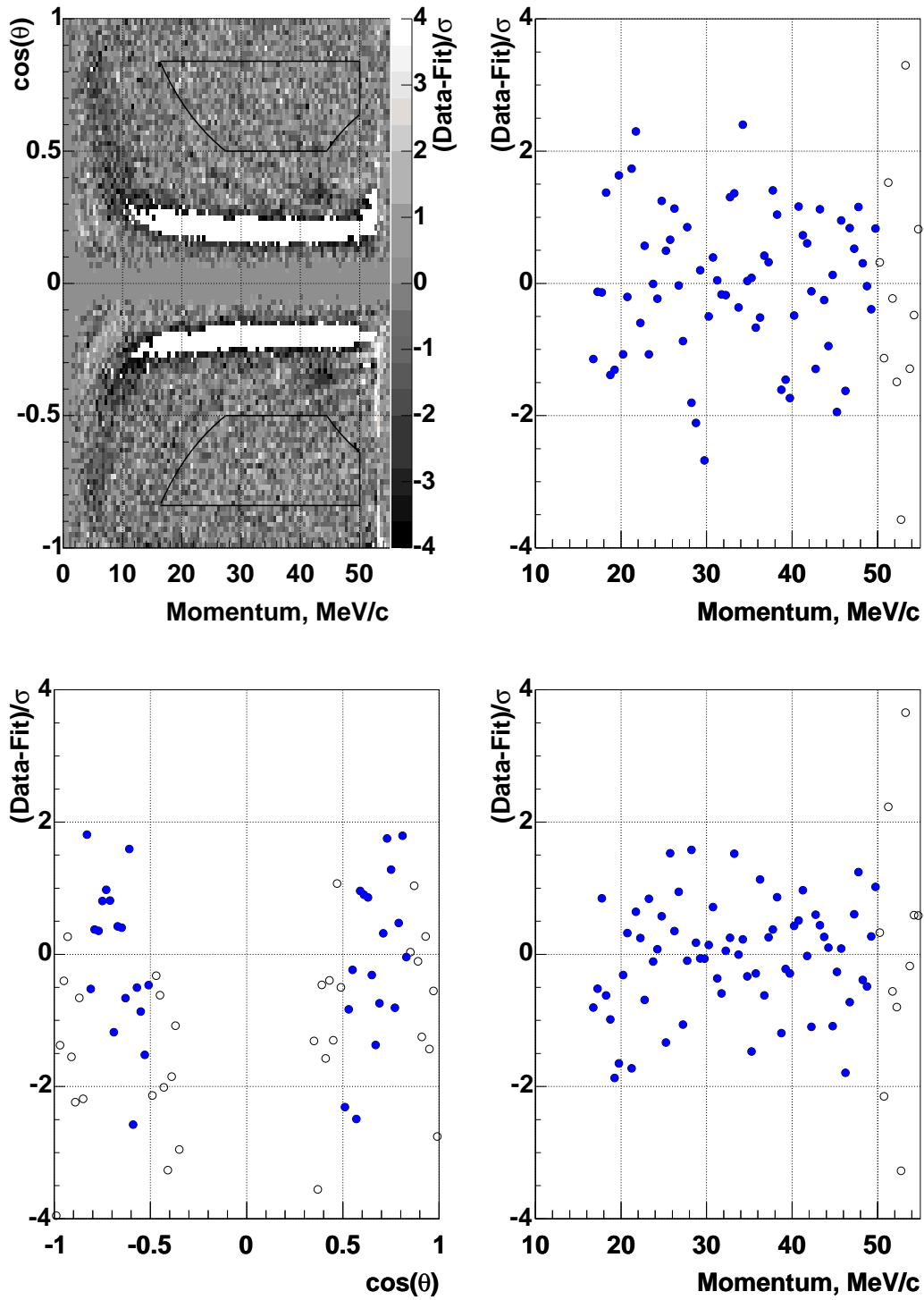
Figure 9.3: Fit residuals for set 1.96 T. Top left: color-coded residuals in the $\cos(\theta)$ vs momentum plane. Top right: projection on the momentum axis. Bottom left: projection on the $\cos(\theta)$ axis. Bottom right: projection of the "upstream minus downstream" distribution. Solid markers are for points inside the fiducial region, empty markers for outside. The contours delimit the fiducial region. See text.
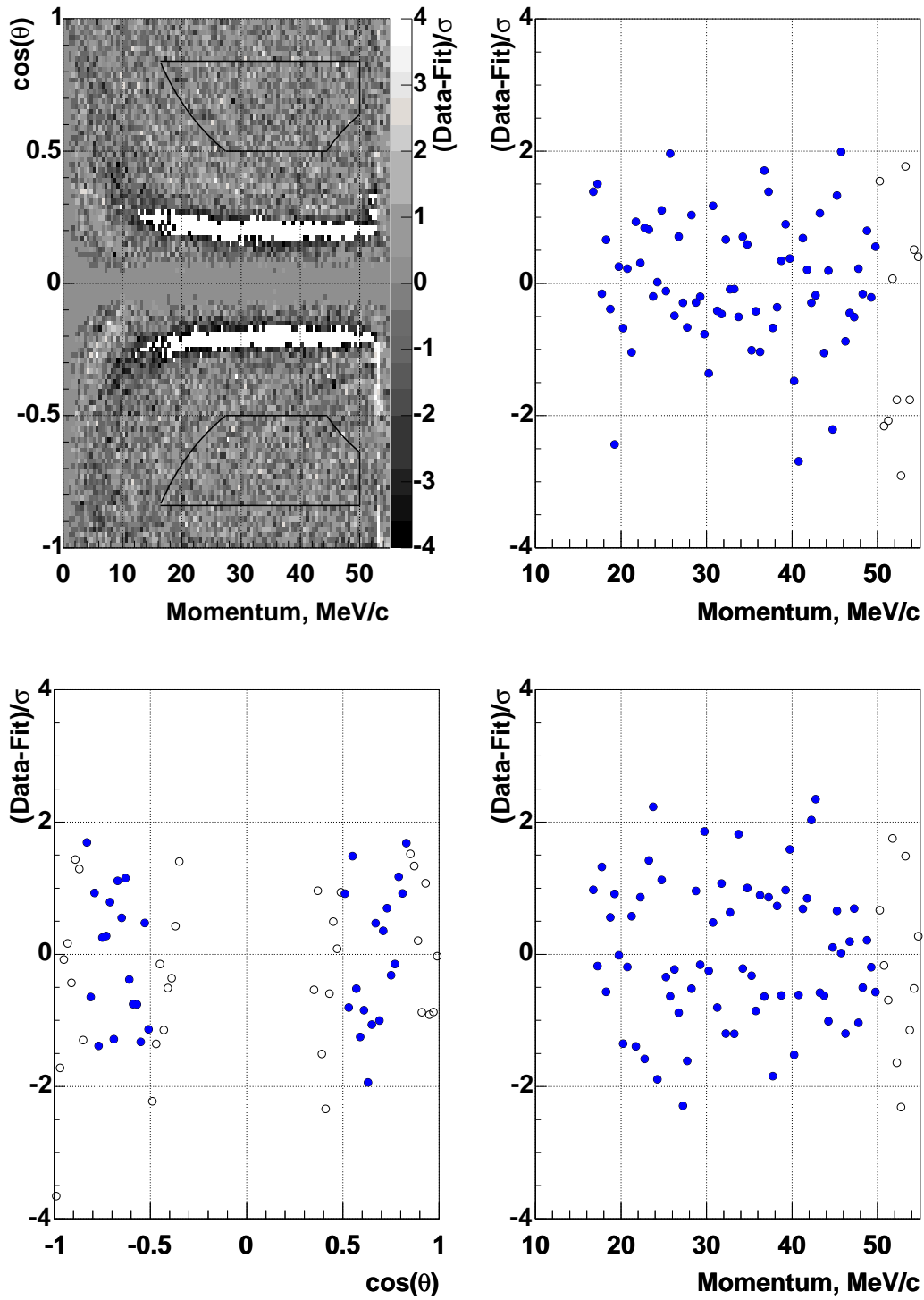
Figure 9.4: Fit residuals for set 2.04 T. Top left: color-coded residuals in the $\cos(\theta)$ vs momentum plane. Top right: projection on the momentum axis. Bottom left: projection on the $\cos(\theta)$ axis. Bottom right: projection of the "upstream minus downstream" distribution. Solid markers are for points inside the fiducial region, empty markers for outside. The contours delimit the fiducial region. See text.
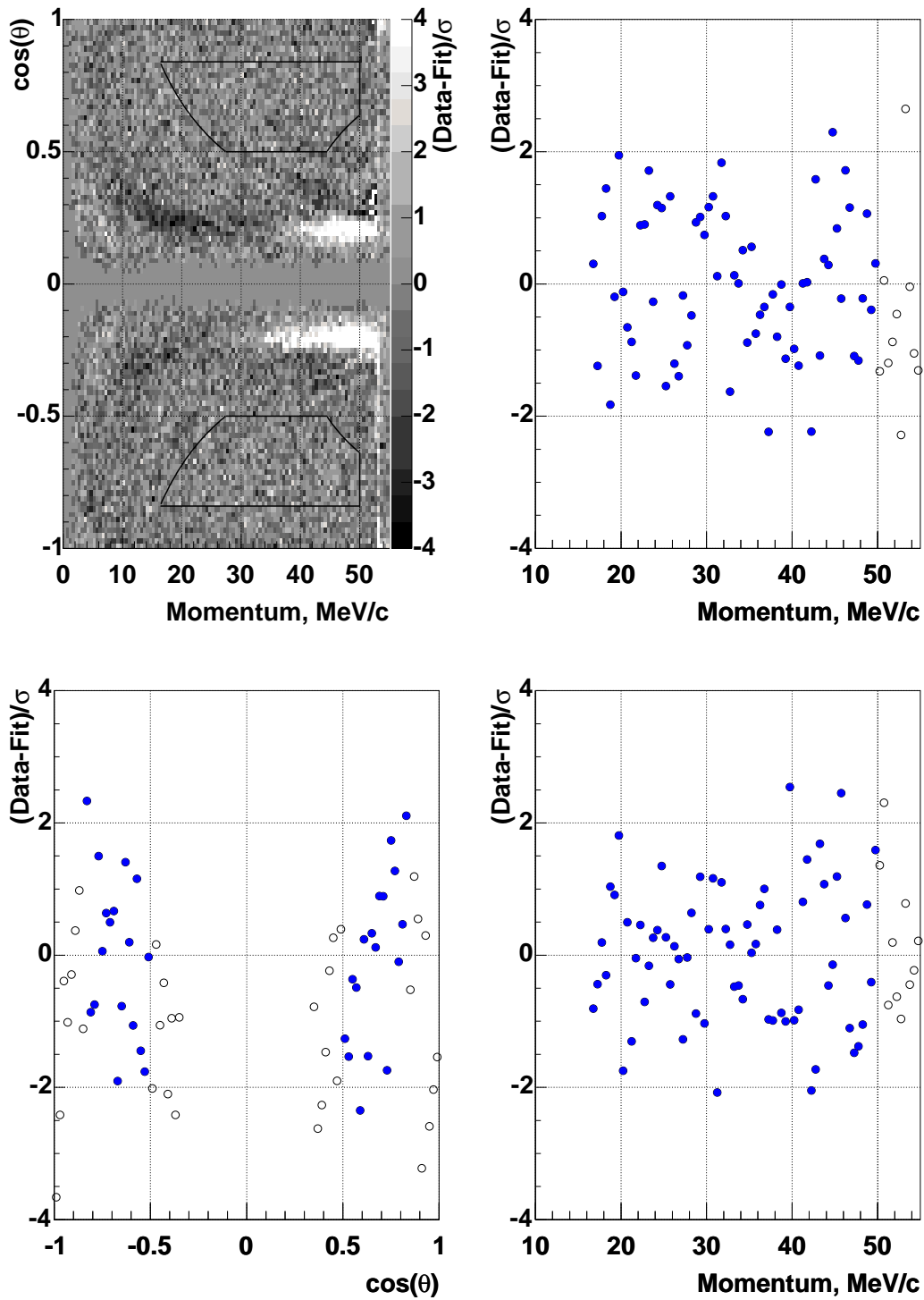
Figure 9.5: Fit residuals for cloud muon set. Top left: color-coded residuals in the cos(θ) vs momentum plane. Top right: projection on the momentum axis. Bottom left: projection on the cos(θ) axis. Bottom right: projection of the "upstream minus downstream" distribution. Solid markers are for points inside the fiducial region, empty markers for outside. The contours delimit the fiducial region. See text.