



*Figure 8.6:* The upper row shows the reconstructed  $\cos \theta_{\bar{\Lambda}, CM}$  distributions for the  $\bar{p}p \rightarrow \bar{\Lambda}\Lambda$  reaction at 1.64 GeV/c (a), 4 GeV/c (b) and 15 GeV/c (c) with an isotropic differential cross section. The lower row shows the generated (red dashed) and reconstructed (black solid)  $\cos \theta_{\bar{\Lambda}, CM}$  distributions with the forward peaked differential cross section implemented, at the same beam momenta. The area of the reconstructed events in the lower row has been normalised to that of the generated distributions.