



Figure 2: Left: a) Ξ^- production; b) Ξ^0 production. Possible photoproduction mechanisms of Ξ ground states through intermediate hyperon resonances produced in a t -channel process. Right: Missing K^+K^+ mass distribution for $E_\gamma > 2.6$ GeV fitted with two Gaussian functions and an empirical background shape with adjustable normalization (M: mean of the Gaussian peak position, σ : width of the Gaussian signal, N: number of events in the peak); Inset: Missing K^+K^+ mass distribution enlarged for the 1.36-1.79 GeV/ c^2 region. The dashed lines show the empirical background shape from K^- events normalized to the region of 1.36-1.5 GeV/ c^2 .