BELLE2-NOTE-PL-2018-029
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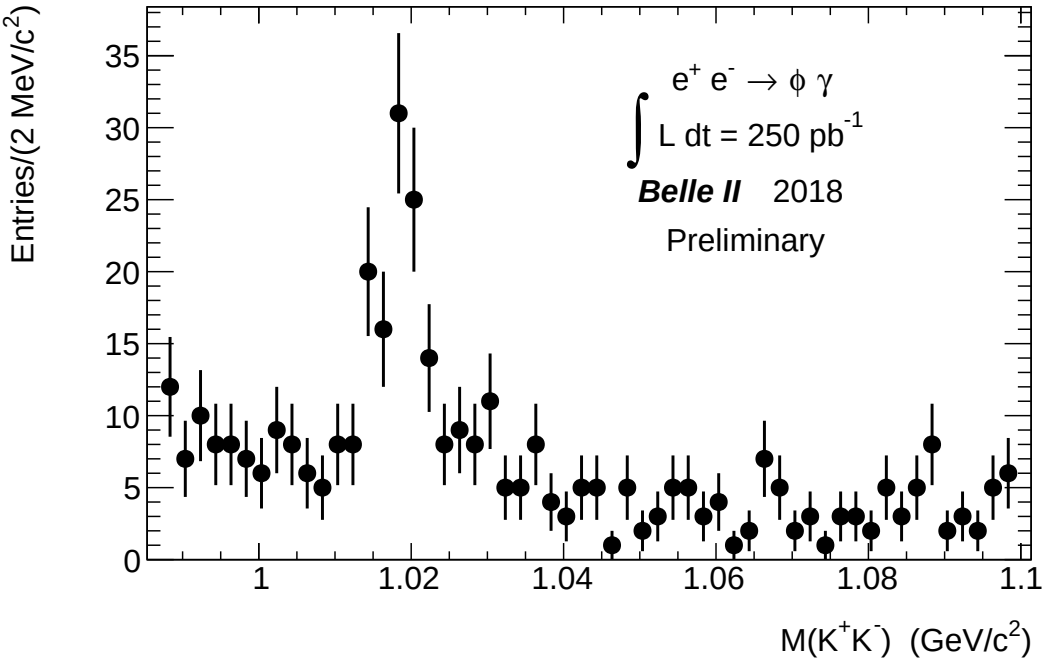

FIG. 1. Invariant mass distribution for ϕ meson candidates produced in the Initial State Radiation (ISR) process $e^+e^- \to \phi\gamma_{ISR}$ obtained using about 250 pb^{-1} of early collision data of Belle II. The ϕ meson candidates are reconstructed in the decay to two charged kaons, $\phi \to K^+K^-$. The charged kaon tracks are required to have impact parameter, $|z_0|$, less than 3.0 cm while the ISR photon is requested to have an energy $3 < E(\gamma_{ISR}) < 8$ GeV in the laboratory frame. We require the probability for the two tracks to be positively identified as kaons to be greater than PIDk > 0.5. The internal document reference is BELLE2-NOTE-PH-2018-012.

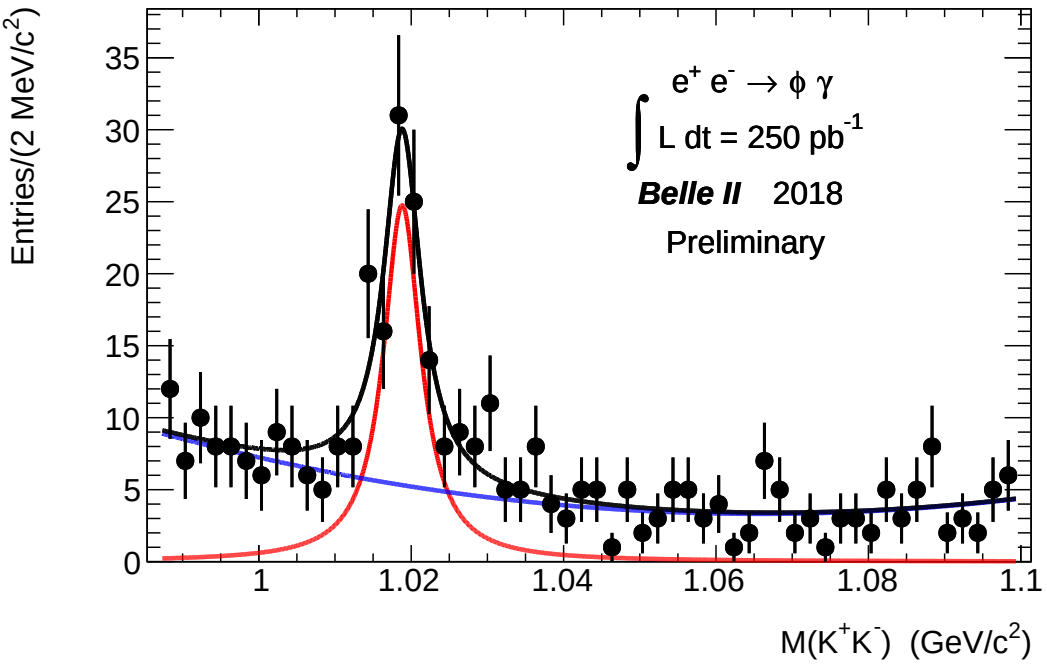

FIG. 2. Invariant mass distribution for ϕ meson candidates produced in the Initial State Radiation (ISR) process $e^+e^- \to \phi\gamma_{ISR}$ obtained using about 250 pb^{-1} of early collision data of Belle II. The ϕ meson candidates are reconstructed in the decay to two charged kaons, $\phi \to K^+K^-$. The mass distribution is fitted to a sum of a Breit-Wigner distribution (red) and a 2^{nd} order polynomial (blue). The resulting distribution is shown in black. The internal document reference is BELLE2-NOTE-PH-2018-012.