

Figure 1:  $MM(e'K^+)$  spectra from the RG-K Spr24 6.4 GeV and 8.5 GeV datasets using the  $e'K^+$  skim. The electron is reconstructed in the ECAL and the  $K^+$  in the FD. The right plots also require a proton in the FD with a cut on the  $MM^2(e'K^+p)$  distribution to select the ground state hyperons.



Figure 2:  $MM(e'K^+)$  spectra from the RG-K Spr24 6.4 GeV and 8.5 GeV datasets using the  $e'K^+$  skim. The electron is reconstructed in the ECAL and the  $K^+$  in the FD. The right plots also require a proton in the CD with a cut on the  $MM^2(e'K^+p)$  distribution to select the ground state hyperons.



Figure 3:  $MM(e'K^+)$  spectra from the RG-K Spr24 6.4 GeV and 8.5 GeV datasets using the  $e'K^+$  skim. The electron is reconstructed in the ECAL and the  $K^+$  in the CD. The right plots also require a proton in the FD with a cut on the  $MM^2(e'K^+p)$  distribution to select the ground state hyperons.

- Analysis:
  - EB PID
  - chi2pid < 8 (e', hadrons),  $p_{min}$ =100 MeV (CD)
  - $\beta_{FD}:$  0.4 1.1,  $\beta_{CD}:$  0.2 1.1
- SPR24 (6.394 GeV, online, 10.0.6): 19334, 19335, 19336, 19337, 19339, 19340, 19341, 19343, 19348, 19349
- SPR24 (8.477 GeV, online, 10.0.6): 19676, 19685, 19688, 19689, 19690, 19694, 19699, 19706