Dark Photons at FASER2 **KLOE** NA48 BaBar 10⁻³ NA64 Belle2 **HPS** relic target mx=0.6ma 10^{-4} Kinetic Mixing ε 10⁻⁵ NA62 Orsay 10^{-6} ΝΑ62 - μμ EPOS / pT=1 SYBILL / pT=2 QGSJET / pT=0.5 PYTHIA / pT=1 10^{-7} 10⁰ ee KK ₩ 10⁻¹ μμ $\pi^+\pi^ \pi^0\pi^+$ 10^{-2} $10^{\overline{0}}$ 10^{-2} 10^{-1} Dark Photon Mass $m_{A'}$ [GeV]