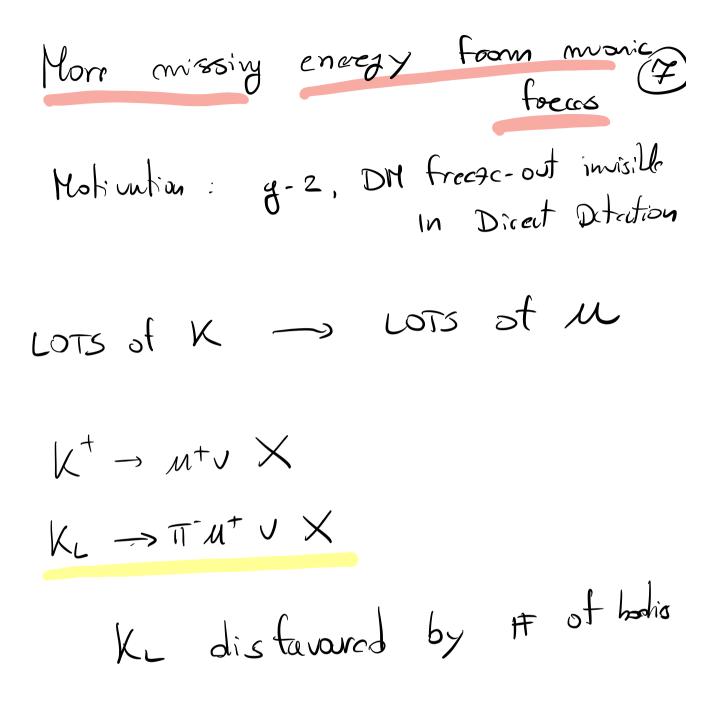
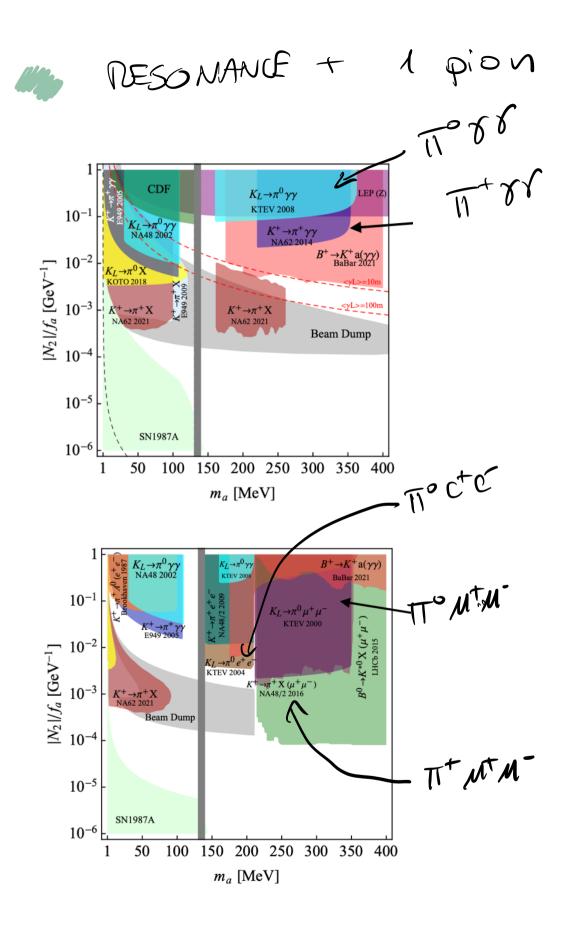


 $\overline{}$ 

6  $BR < lD^{-S}$  $K \rightarrow \pi\pi X$ 1 K<sup>+</sup>-> TI<sup>+</sup>TI<sup>o</sup> X  $2 K_{L} \rightarrow \overline{\Pi} X$ 107 NAG2 con improve 2 ocohes of mynitude over 15TM+ -> ALSO here Kt der set to dominate?



WHAT ABOUT THE PROMPT REGION? Here the our a lot of interesting masurements to be done... CATEGORIES : PESONANCE + 1 pion RESONANCE + 1 MUON 3 here Kt vill always be better because it is less expensive h ant a nt



NON-MINIMAL SCENARIOS With more than 1 pretick in He hidden sector ve an hur Signals in KL without signals m K+ ( IMPORTANT TO REEP IN MIND) Examples :  $X_i X_j \bar{s} d$  $, X_2 \rightarrow \sigma \sigma$  $K_L \rightarrow X_1 X_2$ X2 -> JX1 

KL ~ X2 X2 / ~~~  $K_L \rightarrow X_A X_2 / X_2 \rightarrow \Pi X_A$ Modbs aplaced for the KOTO avomul! Hostaet, Keneta Posphou 2005.07102 Zigler, Zypin, Juricity 2005.00451 cte ---

Sumar The "HiKE" proposal presbull sitters for uniller duck sector targets w.r.t. KOJO, NA62 cuch if futher studies of sensitivit de ray incol. NEW INTERESTING meusucomuts ore expected for present

resomments + non minimal models