

# **Positron Analysis Update**

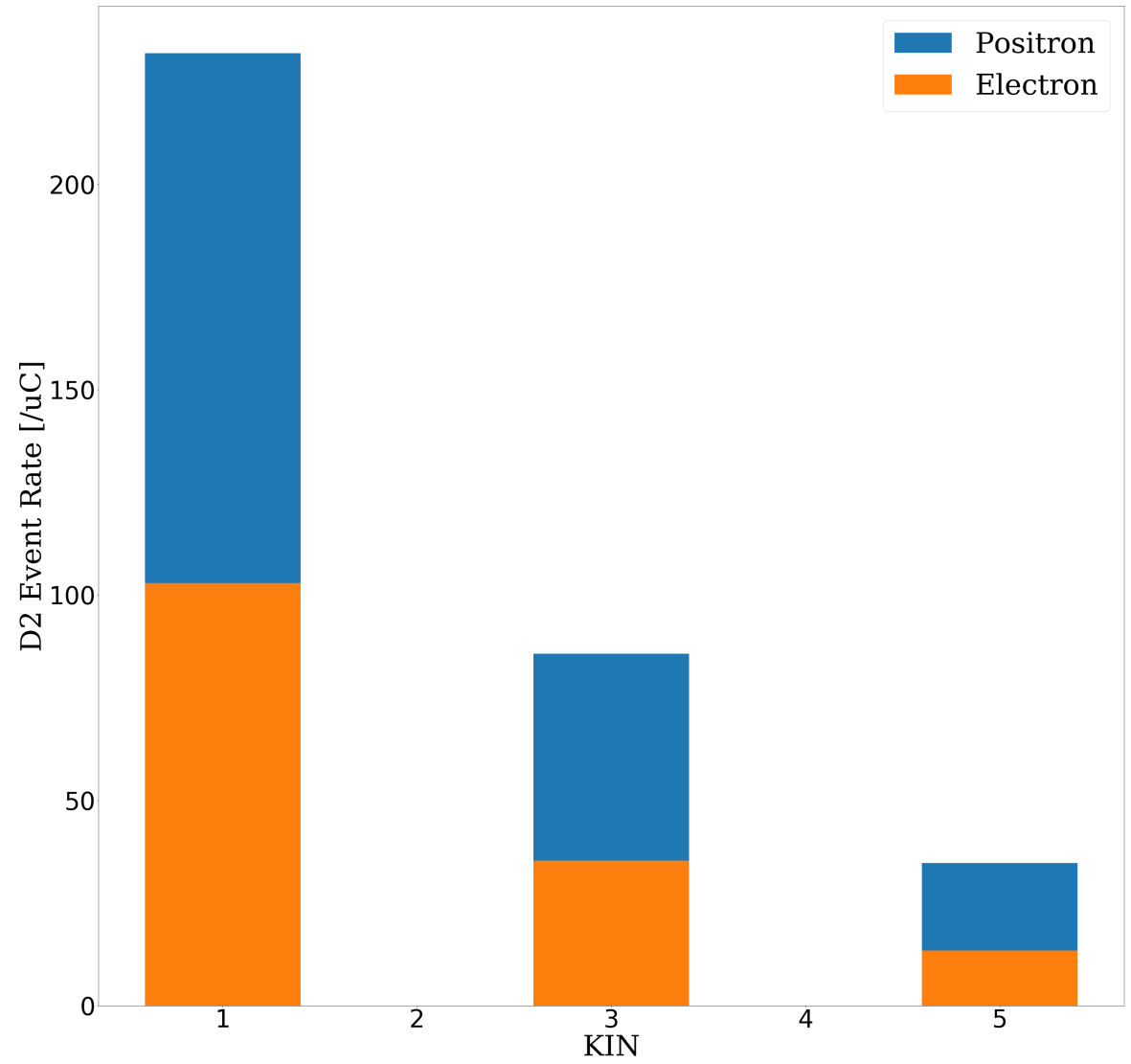
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# Basic procedure

- Positron/electron selection
  1. One track
  2. PID :  $\text{cer\_sum} > 2000$  ;  $E/P > 0.75$
  3. Acceptance :  $\theta \in [-50, 50]$  ;  $\varphi \in [-30, 30]$   
 $dp \in [-4\%, 4\%]$  ;  $vz \in [-0.9, 0.9]$
- Yields =  $\frac{N_e * ECC}{\text{Charge} * LT}$
- No efficiency and other correction taken into consideration
- Only statistic error included
- $e^+/e^-$  : almost 3 times higher than model prediction

# Event rate



# PID Detector Performance for e+

