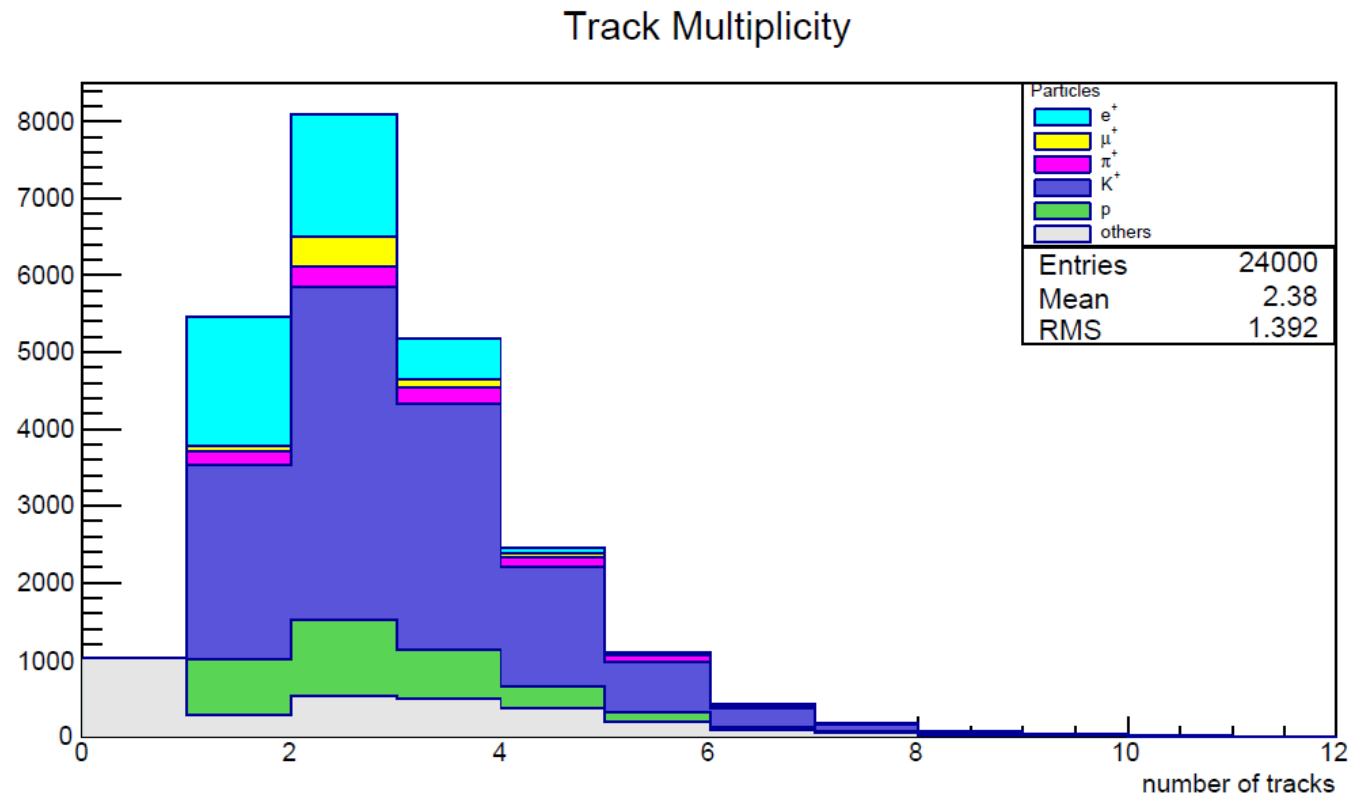


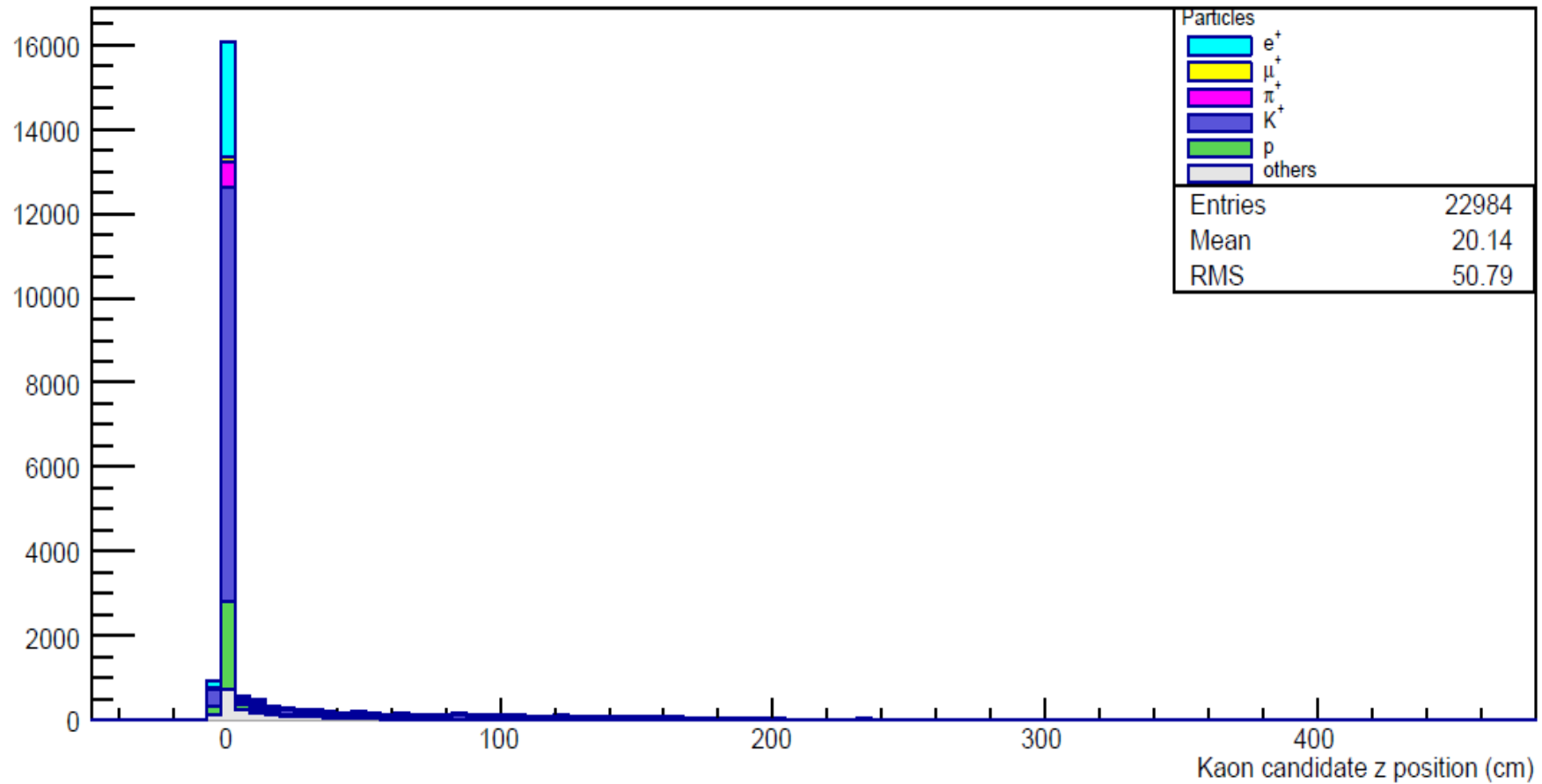
Stopping Kaon Selection

- 95% of the events have at least one track



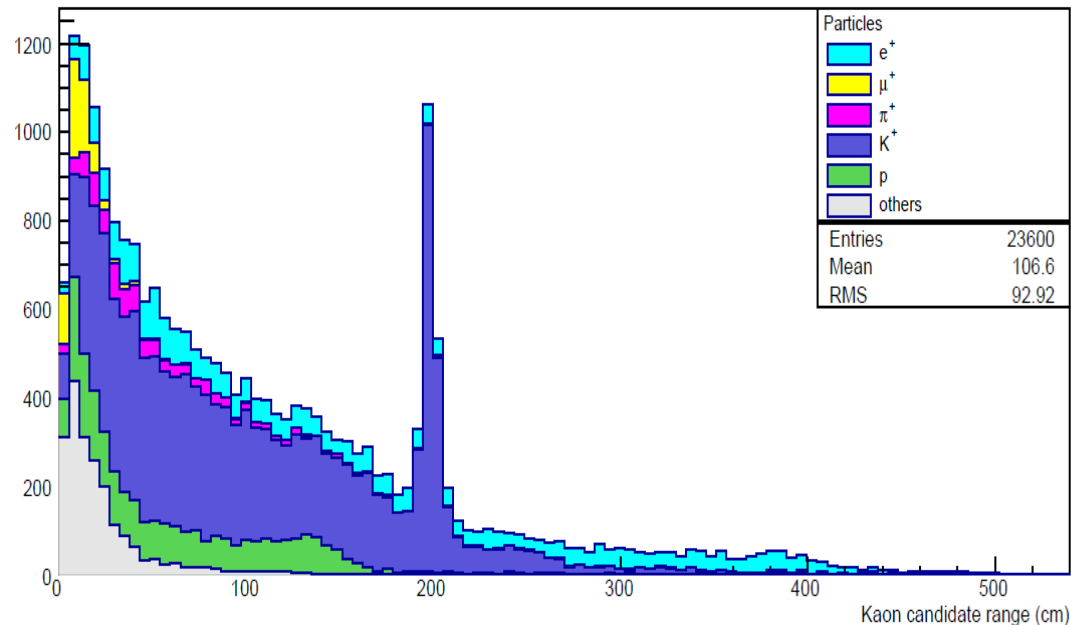
Kaon Candidate Track defined as track starting most upstream (lowest z)

Kaon candidate tracks

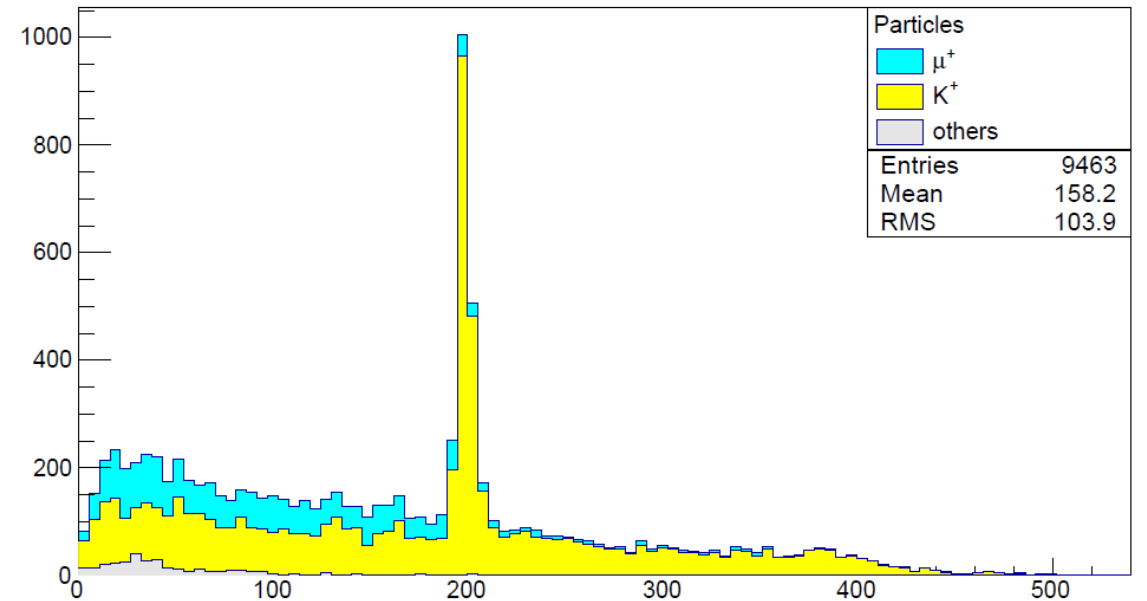


- Peak at 200 cm of selected tracks length corresponding to kaons decaying at rest
- Cut in range to improve the selection of Kaons

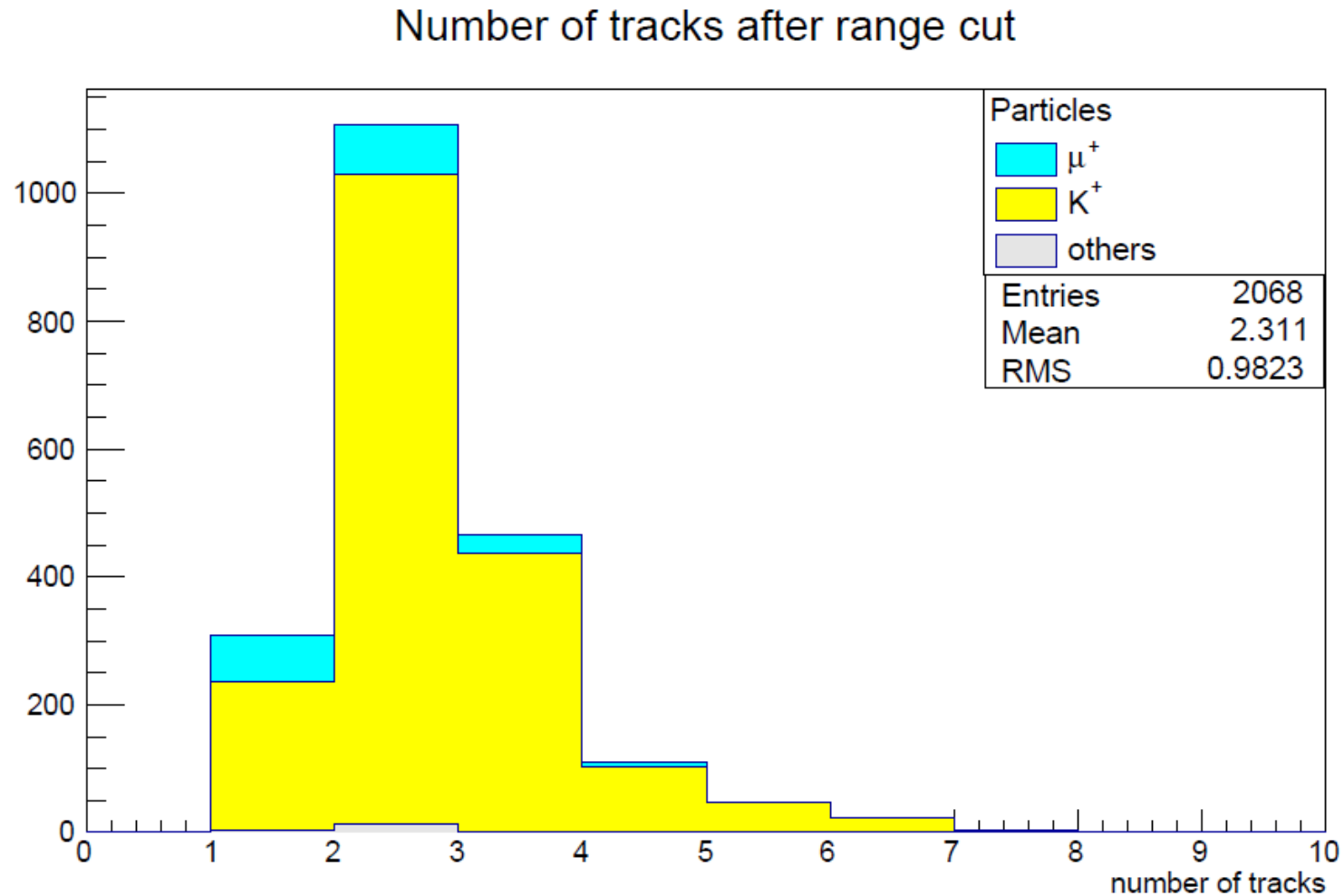
Fraction of stopping kaons



Length of selected track for particles decaying at rest



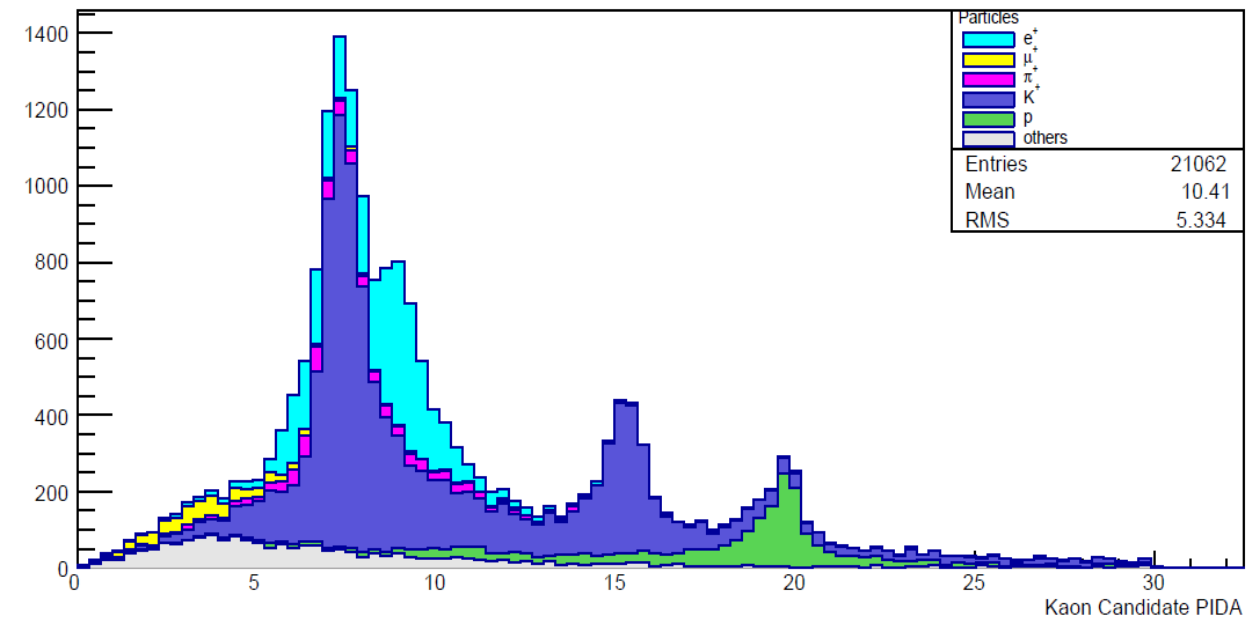
- After range cut requiring >1 track further improves Kaon selection



The PIDA Variable

- PIDA variable is a función of dE/dx
- After range and number of tracks cuts, PIDA increase even more the purity of the selected events.

PIDA before cuts



PIDA after range and >1 track cuts

