dRICH and gas RICH update

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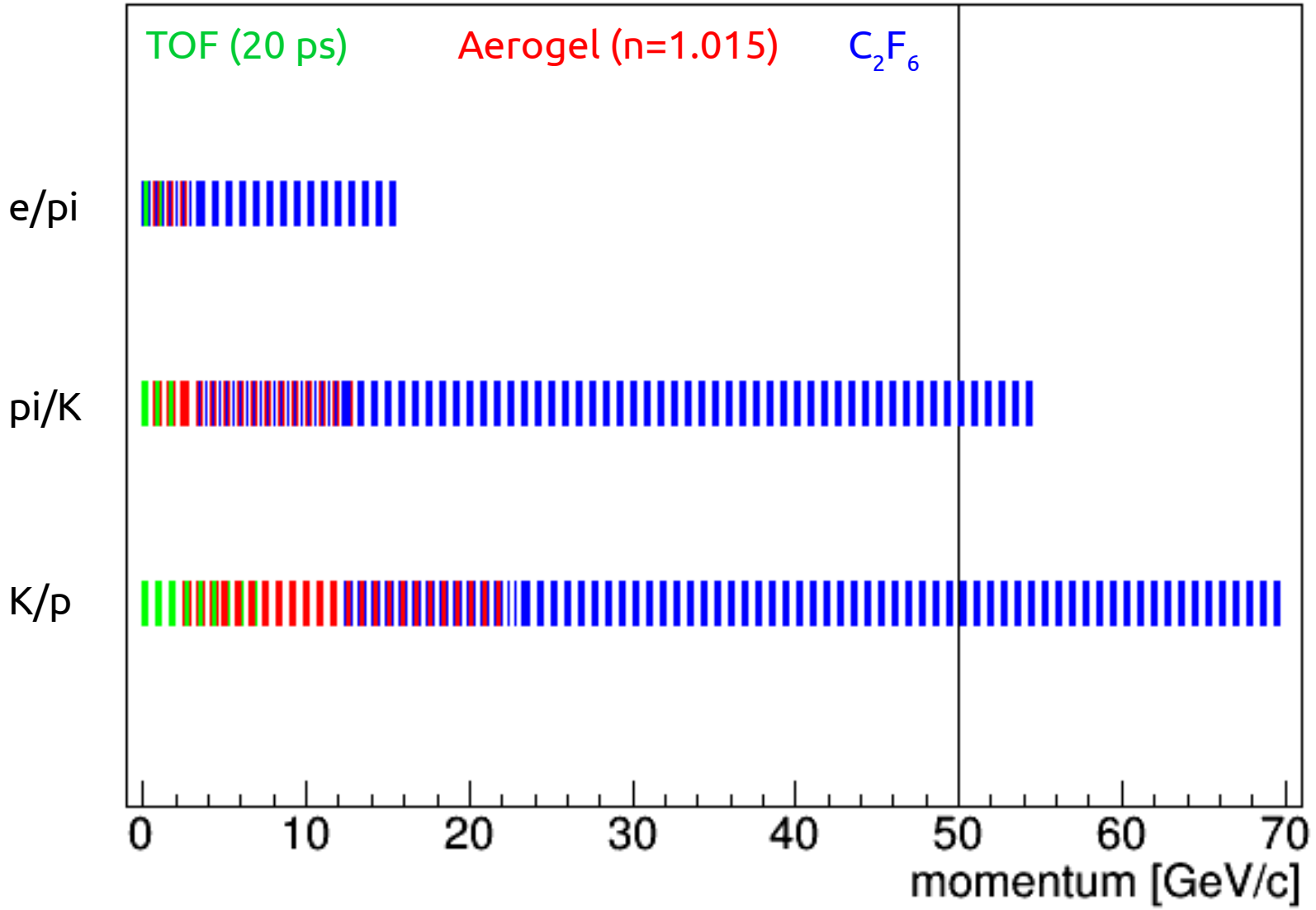
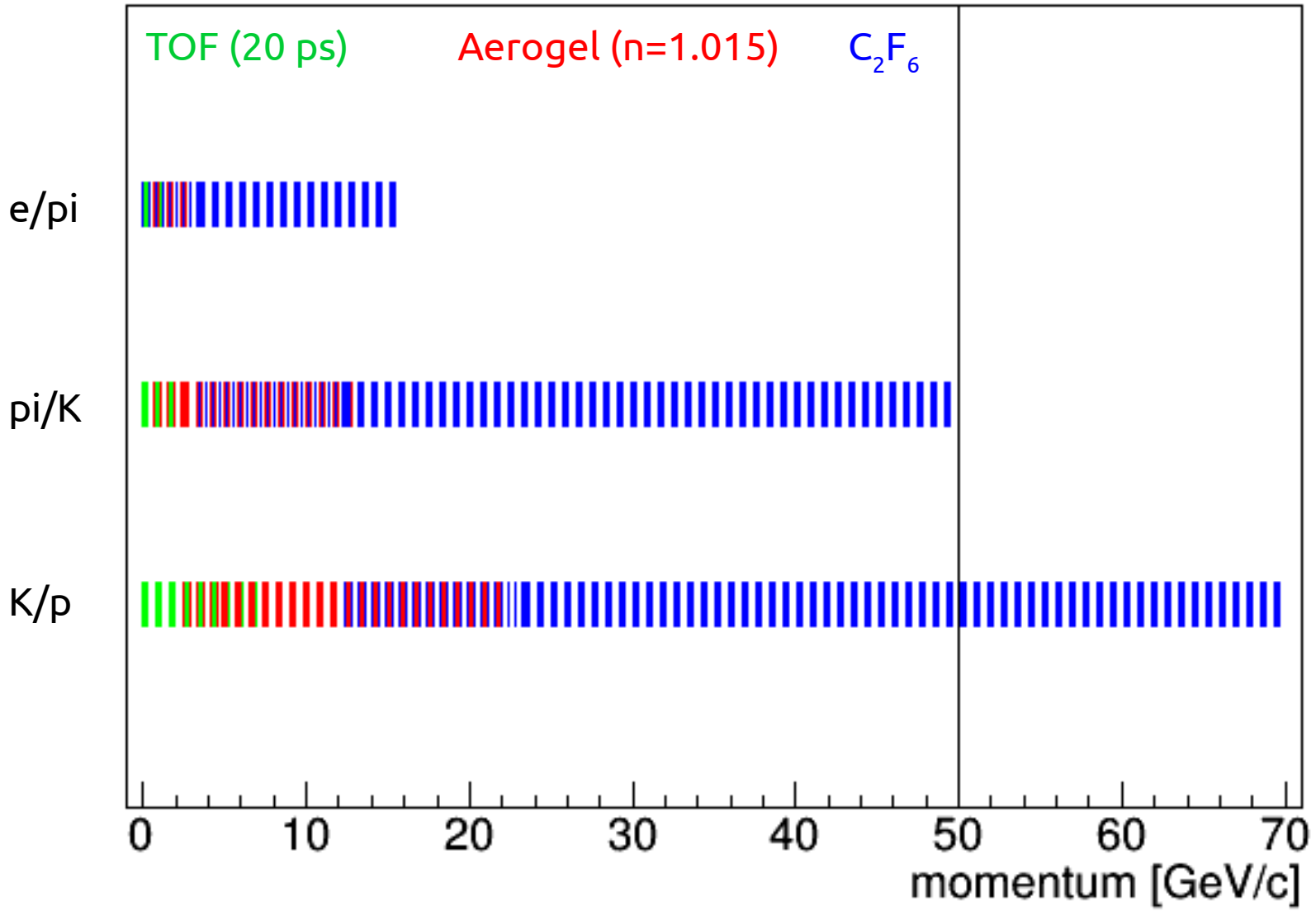
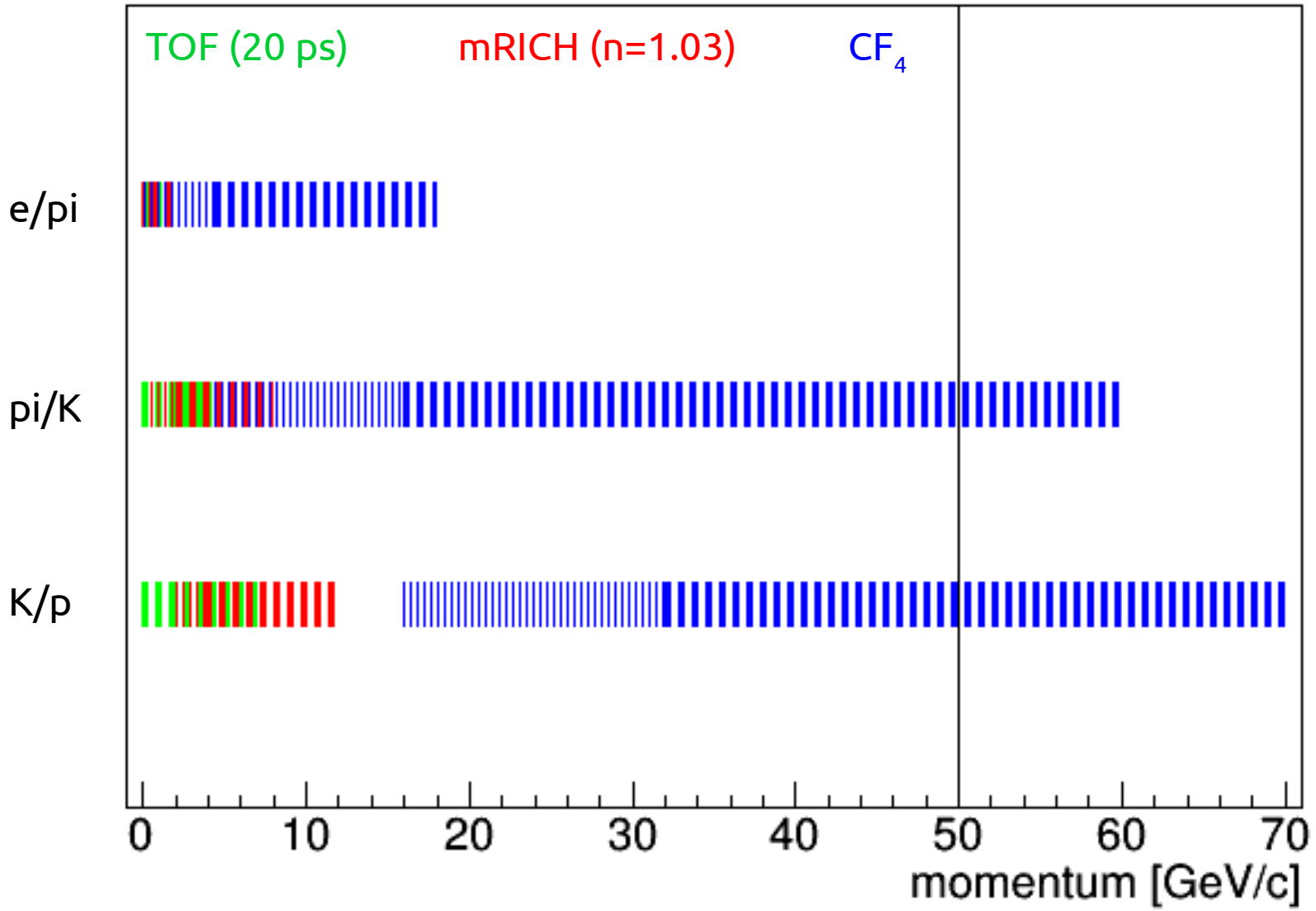
dRICH & TOF (20ps) - JLabEIC



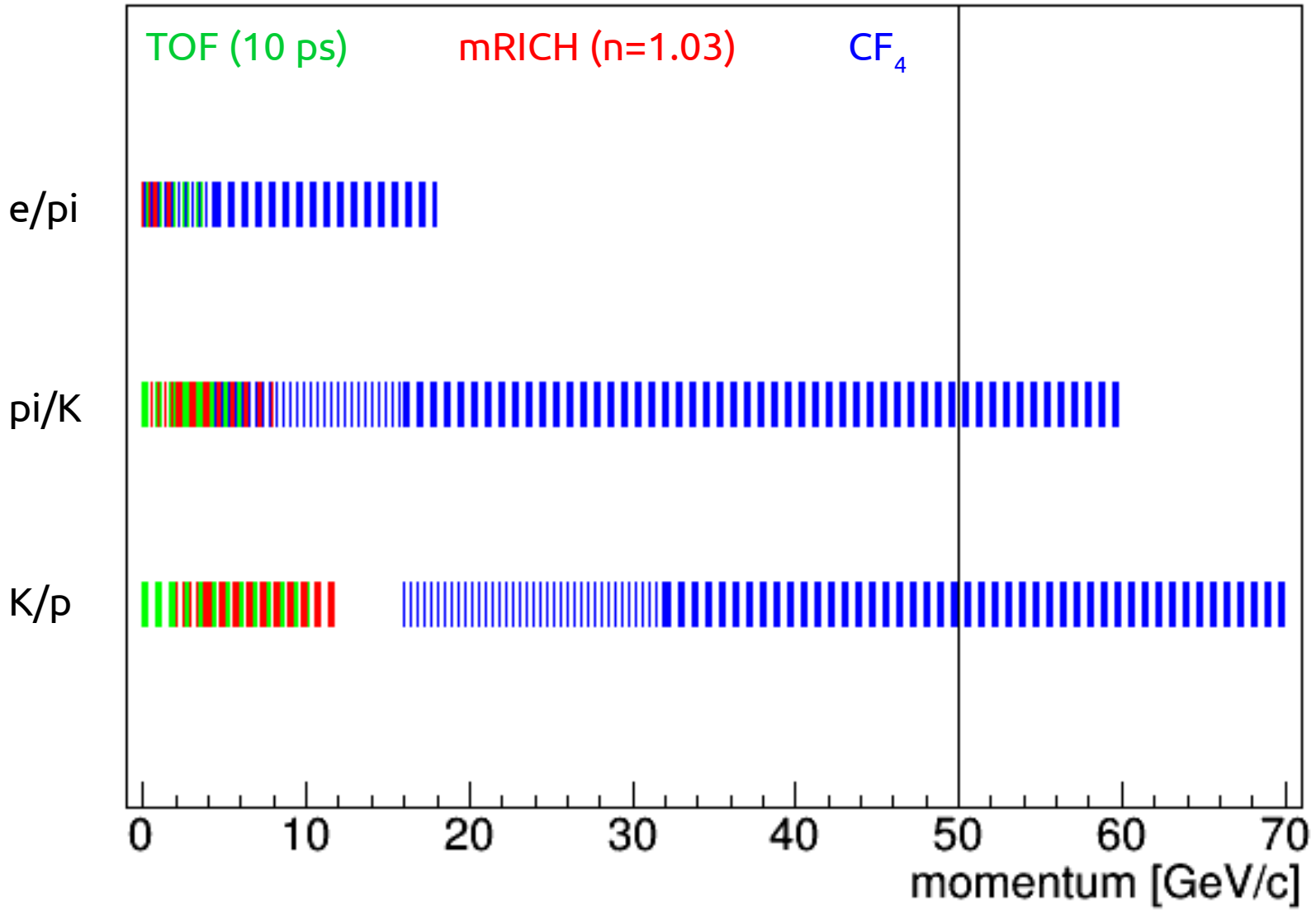
dRICH & TOF (20ps) - ePHENIX



TOF & mRICH & gasRICH - ePHENIX



TOF & mRICH & gasRICH - ePHENIX



Some comment

- TOF + dRICH combination is ok for both JLabEIC and ePHENIX
  - In ePHENIX the dRICH is shrinked (1 m), therefore pi/K separation up to 50 GeV/c require particular care to the emission error, in particular at low polar angle (below 10°)

- TOF + mRICH + gasRICH will require a different gas , heavier from CF_4 , to properly match mRICH