



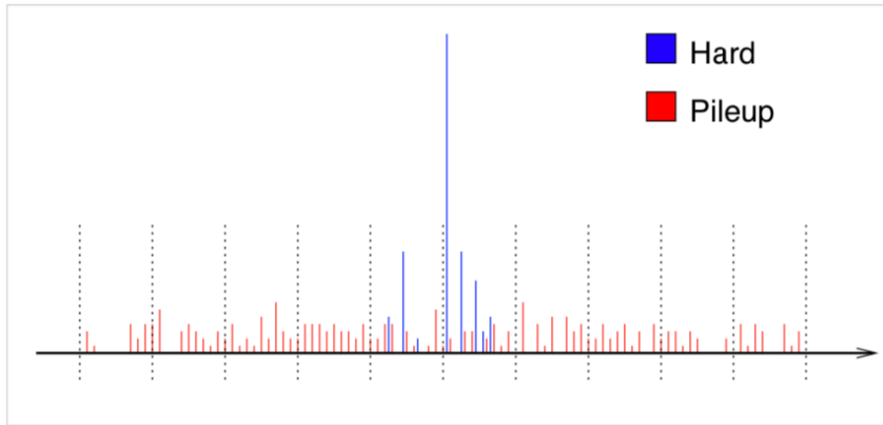
PileUp mitigation in HGCal

Patatrack: day1

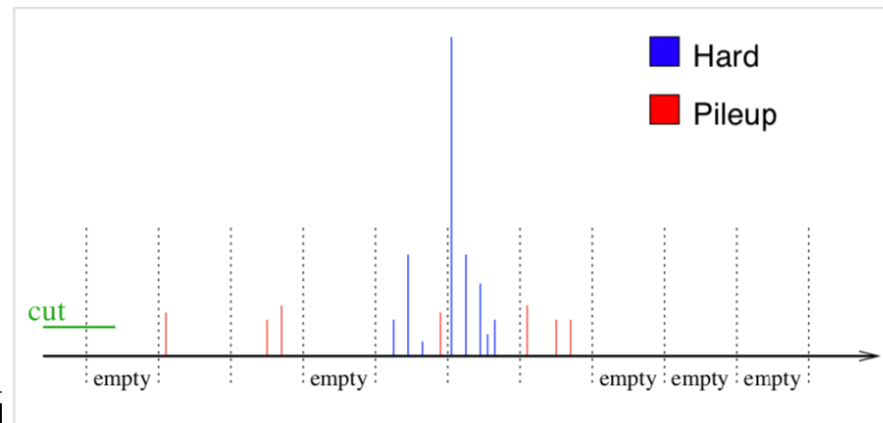
Felice, Marco, Loukas

- First approach using an approach inspired from “Softkiller” [1407.0408]
 - ◆ Particle-level based pileup correction
 - ◆ Removes softest “particles” in the event up to a p_T -threshold that is determined dynamically for each event

Original event



After SoftKiller



- Goals for day1:

- ◆ set up the machinery for this study
- ◆ Very preliminary implementation in place

