

TOF

AI Profile rack build & Analysis code cleanup

박관형

New Rack (Build with 호빈, 병찬)



- One integrated rack with 3 Columns
- Maximum Capacity:
30 Bars in horizontal stack
21 Bars in vertical stack

Analysis Code Cleanup

- Position Cut Code (호빈)
 - Threshold hold condition: $\text{PMT(L)} > \text{threshold} \ \&\& \ \text{PMT(R)} > \text{threshold}$
 - Set Center as zero-point
 - Input: Tree time(ns) / Output: Int Position(cm)
- New evrec (RAW $\rightarrow$ ROOT) (병찬)
 - Bessel Interpolation iteration counter is added
 - Condition for Bessel/Linear interpolation is modified
 - Integral Range: 150ns $\rightarrow$ 100ns