

# Stn 18 | Vertical Decay Vertices

Number of Hits

$10^5$   
 $10^4$   
 $10^3$   
 $10^2$

-100

-50

0

50

100

Vertical Decay Vertex [mm]

| All Tracks                               |                      |
|--|----------------------|
| Entries                                  | 1.58663e+07          |
| Mean                                     | $2.43 \pm 0.004064$  |
| Std Dev                                  | $16.19 \pm 0.002874$ |
| All Tracks Minus Lost Muons (Scaled)     |                      |
| Entries                                  | 1.558842e+07         |
| Mean                                     | $2.429 \pm 0.004037$ |
| Std Dev                                  | $15.94 \pm 0.002854$ |
| All Tracks Minus Non Lost Muons (Scaled) |                      |
| Entries                                  | 3579222              |
| Mean                                     | $2.823 \pm 0.008836$ |
| Std Dev                                  | $16.72 \pm 0.006248$ |

