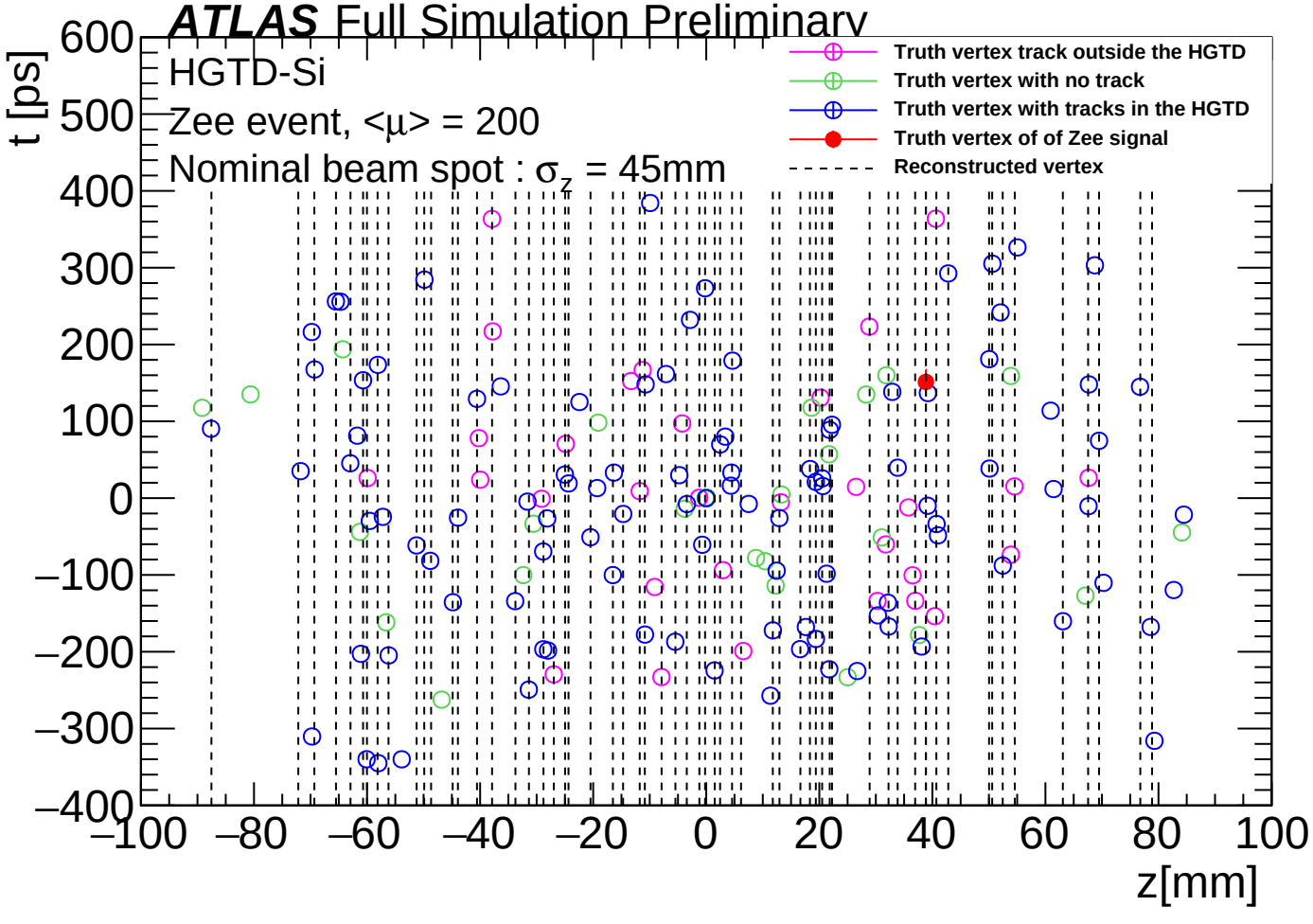
ATLAS Full Simulation Preliminary
HGTD-Si
Zee event, <μ> = 200
Nominal beam spot : σz = 45mm
Truth vertex track outside the HGTD
Truth vertex with no track
Truth vertex with tracks in the HGTD
Truth vertex of of Zee signal
Reconstructed vertex
t [ps]
z[mm]
600
500
400
300
200
100
0
–100
–200
–300
–400
–100
–80
–60
–40
–20
0
20
40
60
80
100