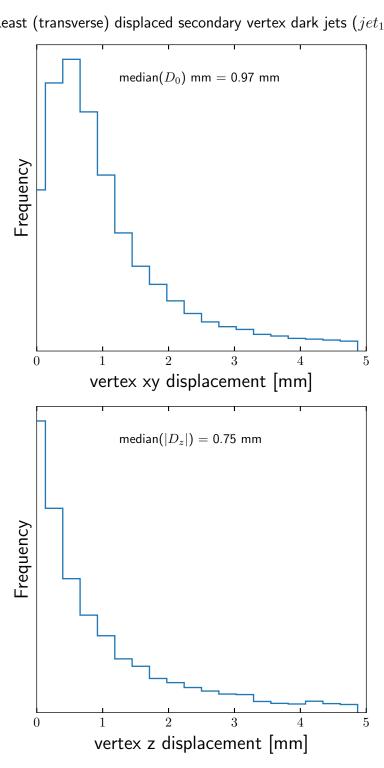
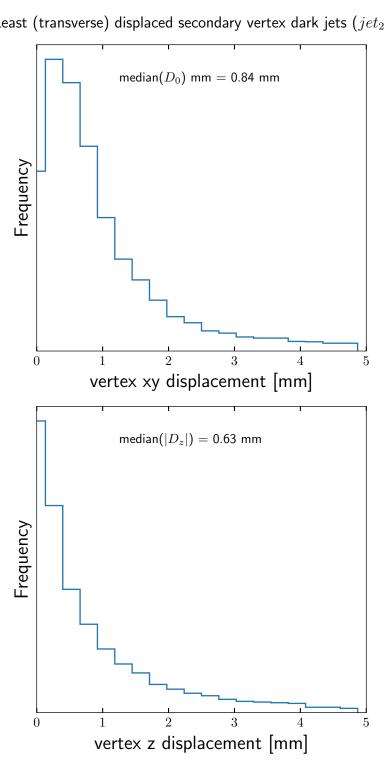
Least (transverse) displaced secondary vertex $b\bar{b}$ (jet_1) $median(D_0) mm = 25.71 mm$ Frequency vertex xy displacement [mm] $median(|D_z|) = 16.52 mm$ vertex z displacement [mm]



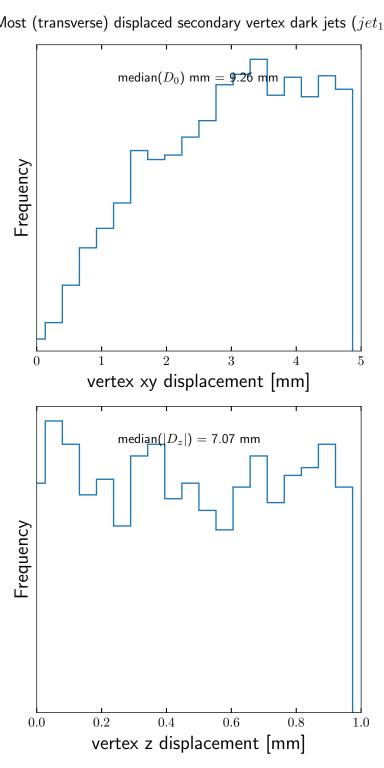
Least (transverse) displaced secondary vertex $b\bar{b}$ (jet_2) $median(D_0) mm = 22.97 mm$ Frequency vertex xy displacement [mm] $median(|D_z|) = 14.95 mm$

vertex z displacement [mm]



Most (transverse) displaced secondary vertex $b\bar{b}$ (jet_1) $median(D_0) mm = 41.34 mm$ 50 0 20 vertex xy displacement [mm] $median(|D_z|) = 28.26 mm$ 0.0 0.2 0.4 0.6 0.8 1.0

vertex z displacement [mm]



Most (transverse) displaced secondary vertex $b\bar{b}$ (jet_2) $median(D_0) mm = 36.54 mm$ Frequency 50 0 20 vertex xy displacement [mm] $median(|D_z|) = 24.63 mm$ Frequency 0.4 0.6

vertex z displacement [mm]

0.8

1.0

0.0

0.2

