

DNN size (M)	DOM	CKE	TTbar	PU-updated	PU-DNNsamplers
100	0.25	0.25	0.35	0.35	0.25
200	0.20	0.20	0.30	0.30	0.20
300	0.18	0.18	0.28	0.28	0.18
400	0.16	0.16	0.26	0.26	0.16
500	0.15	0.15	0.25	0.25	0.15
600	0.14	0.14	0.24	0.24	0.14
700	0.13	0.13	0.23	0.23	0.13
800	0.12	0.12	0.22	0.22	0.12
900	0.11	0.11	0.21	0.21	0.11
1000	0.10	0.10	0.20	0.20	0.10

Figure 1: Duplicates Rate vs normalized χ^2 . The plot shows the ratio of duplicate rates for different track χ^2 values. The x-axis is 'track χ^2 ' from 0 to 20. The y-axis is 'Ratio' from 0.5 to 2.0. Data points are shown for different track χ^2 values, with a vertical line at $\chi^2 = 5$. The ratio is generally low, around 1.0, for $\chi^2 < 5$, and increases sharply for $\chi^2 > 5$.

Figure 1 is a scatter plot showing the ratio of seedling layers for various treatments. The y-axis is labeled 'Ratio' and ranges from 1 to 0.2. The x-axis lists 16 treatments: Control, P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13, P14, P15, and P16. Each treatment has a mean value with error bars. A horizontal line is drawn at Ratio = 1.0. A shaded gray area is present at the bottom of the plot, below the Ratio = 1.0 line.

[illegible]

Figure 10 consists of two panels. The top panel is a plot of 'pileup rate vs seeding layers' with the y-axis labeled 'Ratio' ranging from 0.0 to 1.0. The x-axis lists various configurations. The bottom panel is a plot of 'Ratio' with the y-axis ranging from 0.95 to 1.0. The x-axis lists the same configurations. The top panel shows a clear separation between the 'pileup rate vs seeding layers' and the 'Ratio'.