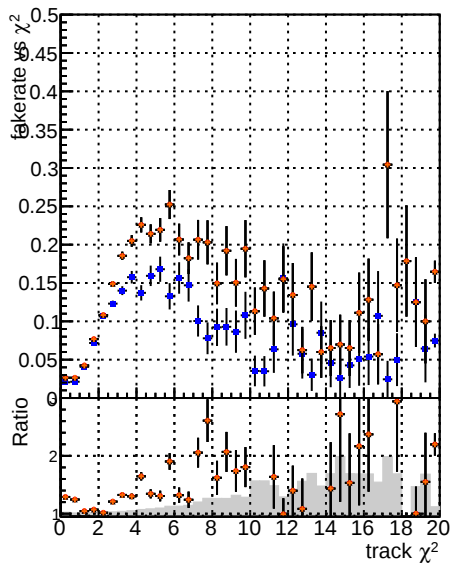
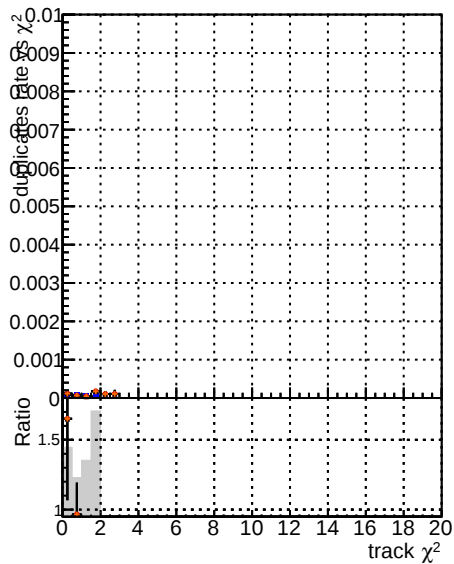


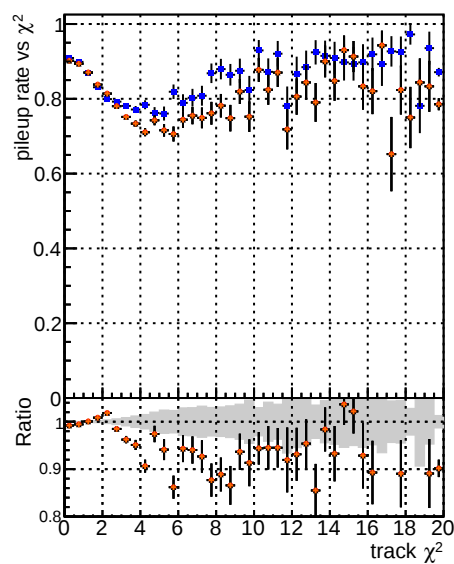
Fake rate vs normalized χ^2



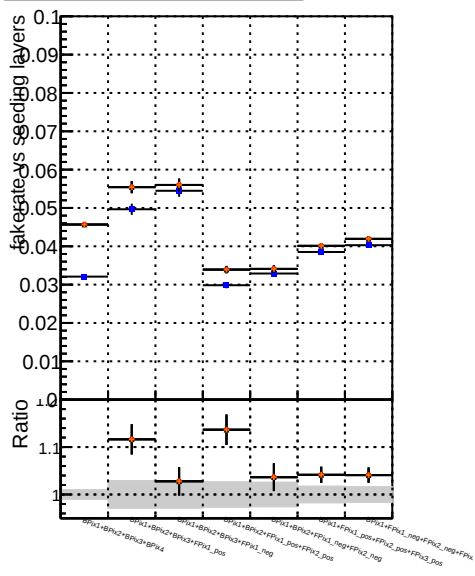
Duplicates Rate vs normalized χ^2



Pileup rate vs normalized χ^2



DNN size (M)	DOM	CKE	TTbar	PU-updated	PU-DNNsamplers
100	0.85	0.80	0.75	0.70	0.65
200	0.75	0.70	0.65	0.60	0.55
300	0.65	0.60	0.55	0.50	0.45
400	0.55	0.50	0.45	0.40	0.35
500	0.45	0.40	0.35	0.30	0.25
600	0.35	0.30	0.25	0.20	0.15
700	0.25	0.20	0.15	0.10	0.05
800	0.15	0.10	0.05	0.00	0.00
900	0.05	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00



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