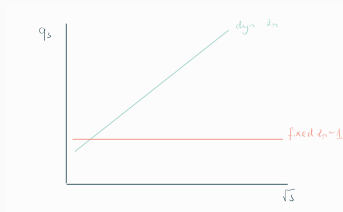
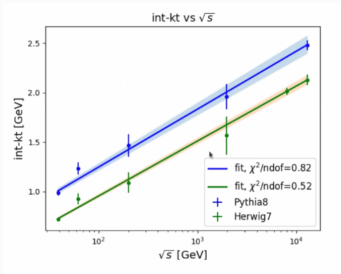


q_s **vs** \sqrt{S}

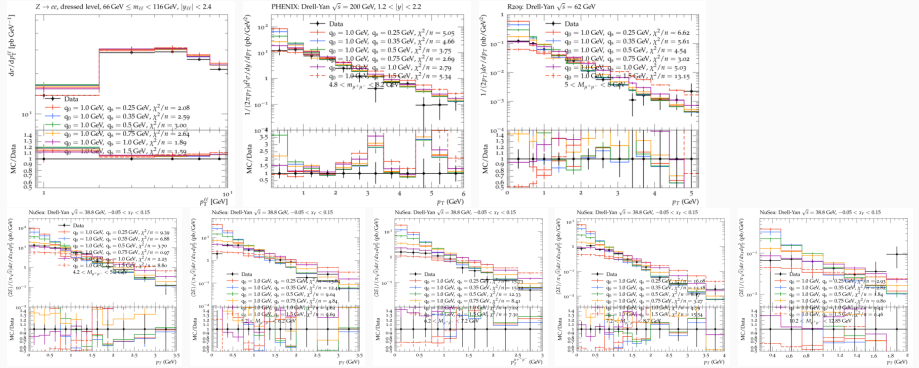
March 2023

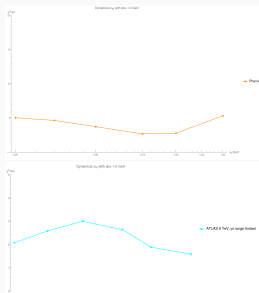
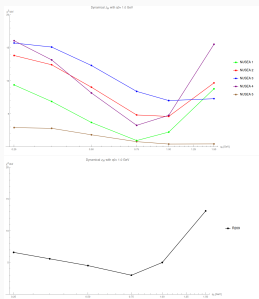
- Ola



μ_f and μ_r variation included in χ^2
calculation

$q_0 = 1.0 \text{ GeV}$, all q_s

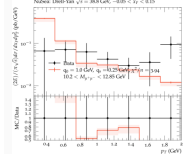
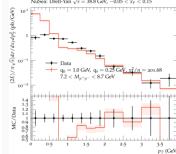
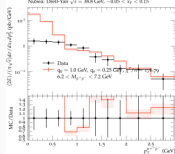
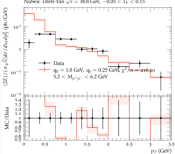
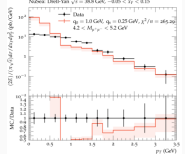
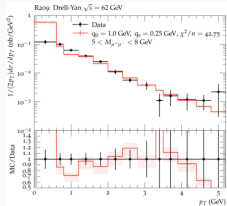
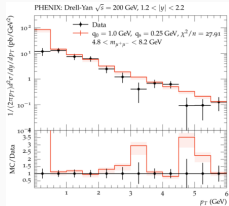
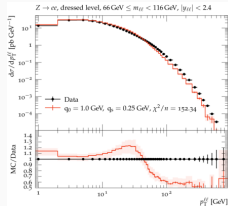




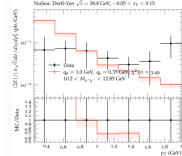
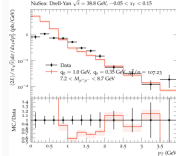
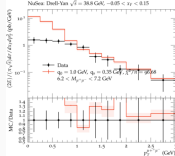
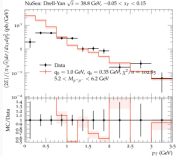
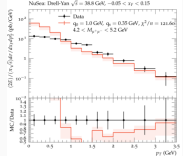
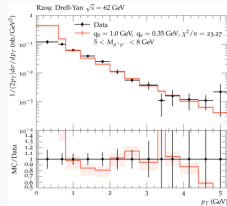
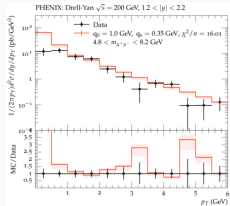
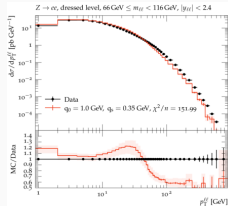
MuR and MuF variation in the ch2 calculation							
	0.25	0.35	0.5	0.75	1	1.5	2
NUSEA 1	9.39	6.88	3.7	0.97	2.25	6.8	
NUSEA 2	13.04	12.44	9.04	4.86	4.83	9.69	
NUSEA 3	15.73	15.12	12.33	8.41	7.02	7.3	
NUSEA 4	16.00	13.18	8.17	3.27	4.78	15.54	
NUSEA 5	2.93	2.62	1.94	0.5	0.44	0.46	
R209	6.62	5.61	4.54	3.02	5.03	13.15	
Phenix	5.05	4.68	3.75	2.68	2.79	5.34	
ATLAS 8 TeV	2.08	2.09	0	2.64	1.89	1.96	

Backup

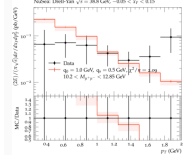
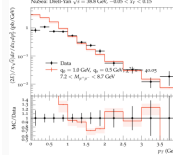
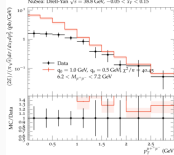
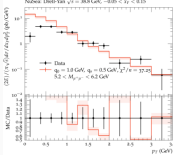
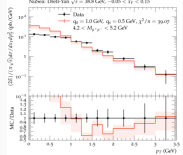
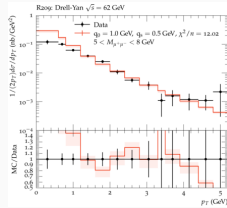
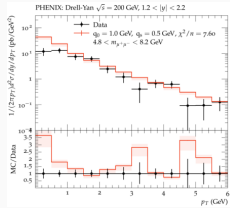
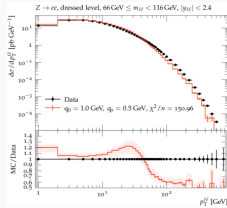
$$q_0 = 1.0 \text{ GeV}, q_s = 0.25 \text{ GeV}$$



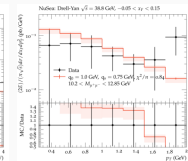
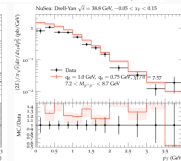
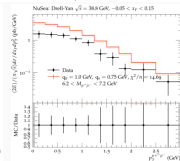
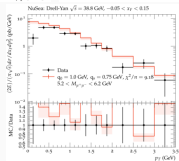
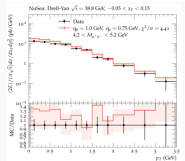
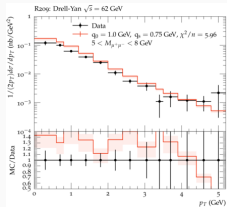
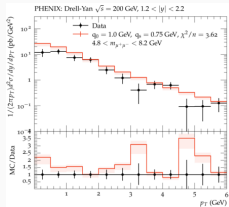
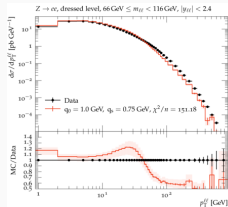
$$q_0 = 1.0 \text{ GeV}, q_s = 0.35 \text{ GeV}$$



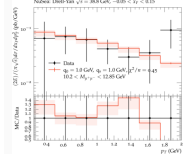
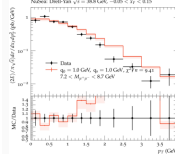
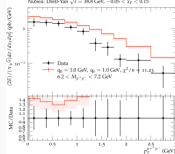
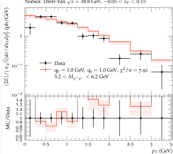
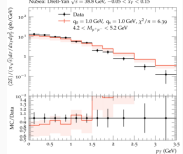
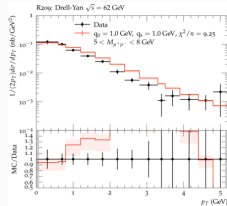
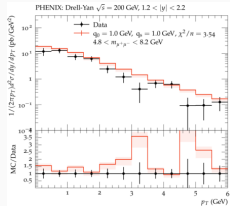
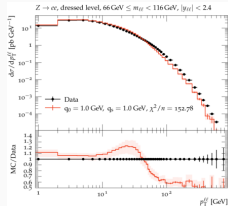
$$q_0 = 1.0 \text{ GeV}, q_s = 0.5 \text{ GeV}$$



$$q_0 = 1.0 \text{ GeV}, q_s = 0.75 \text{ GeV}$$



$$q_0 = 1.0 \text{ GeV}, q_s = 1.0 \text{ GeV}$$



$$q_0 = 1.0 \text{ GeV}, q_s = 1.5 \text{ GeV}$$

