

List of Figures

1	0000 plot of c1 variables using cut: "test"	2
2	0000 plot of c2 variables using cut: "test"	3
3	0000 plot of c3 variables using cut: "test"	4
4	2016 plot of c1 variables using cut: "Full_DNNMLPBDT_SR"	5
5	2016 plot of c2 variables using cut: "Full_DNNMLPBDT_SR"	6
6	2016 plot of c3 variables using cut: "Full_DNNMLPBDT_SR"	7
7	2016 plot of c4 variables using cut: "Full_DNNMLPBDT_SR"	8
8	2016 plot of c1 variables using cut: "Full_SR"	9
9	2016 plot of c2 variables using cut: "Full_SR"	10
10	2016 plot of c3 variables using cut: "Full_SR"	11
11	2016 plot of c4 variables using cut: "Full_SR"	12
12	2016 plot of c1 variables using cut: "Top_CR"	13
13	2016 plot of c2 variables using cut: "Top_CR"	14
14	2016 plot of c3 variables using cut: "Top_CR"	15
15	2016 plot of c4 variables using cut: "Top_CR"	16
16	2016 plot of c1 variables using cut: "Wjets_CR"	17
17	2016 plot of c2 variables using cut: "Wjets_CR"	18
18	2016 plot of c3 variables using cut: "Wjets_CR"	19
19	2016 plot of c4 variables using cut: "Wjets_CR"	20
20	2017 plot of c1 variables using cut: "Full_SR"	21
21	2017 plot of c2 variables using cut: "Full_SR"	22
22	2017 plot of c3 variables using cut: "Full_SR"	23
23	2017 plot of c4 variables using cut: "Full_SR"	24
24	2017 plot of c1 variables using cut: "Top_CR"	25
25	2017 plot of c2 variables using cut: "Top_CR"	26
26	2017 plot of c3 variables using cut: "Top_CR"	27
27	2017 plot of c4 variables using cut: "Top_CR"	28
28	2017 plot of c1 variables using cut: "Wjets_CR"	29
29	2017 plot of c2 variables using cut: "Wjets_CR"	30
30	2017 plot of c3 variables using cut: "Wjets_CR"	31
31	2017 plot of c4 variables using cut: "Wjets_CR"	32
32	2018 plot of c1 variables using cut: "Full_SR"	33
33	2018 plot of c2 variables using cut: "Full_SR"	34
34	2018 plot of c3 variables using cut: "Full_SR"	35
35	2018 plot of c4 variables using cut: "Full_SR"	36
36	2018 plot of c1 variables using cut: "Top_CR"	37
37	2018 plot of c2 variables using cut: "Top_CR"	38
38	2018 plot of c3 variables using cut: "Top_CR"	39
39	2018 plot of c4 variables using cut: "Top_CR"	40
40	2018 plot of c1 variables using cut: "Wjets_CR"	41
41	2018 plot of c2 variables using cut: "Wjets_CR"	42
42	2018 plot of c3 variables using cut: "Wjets_CR"	43
43	2018 plot of c4 variables using cut: "Wjets_CR"	44

0000

test

Figure 1: 0000 plot of c1 variables using cut: “test”

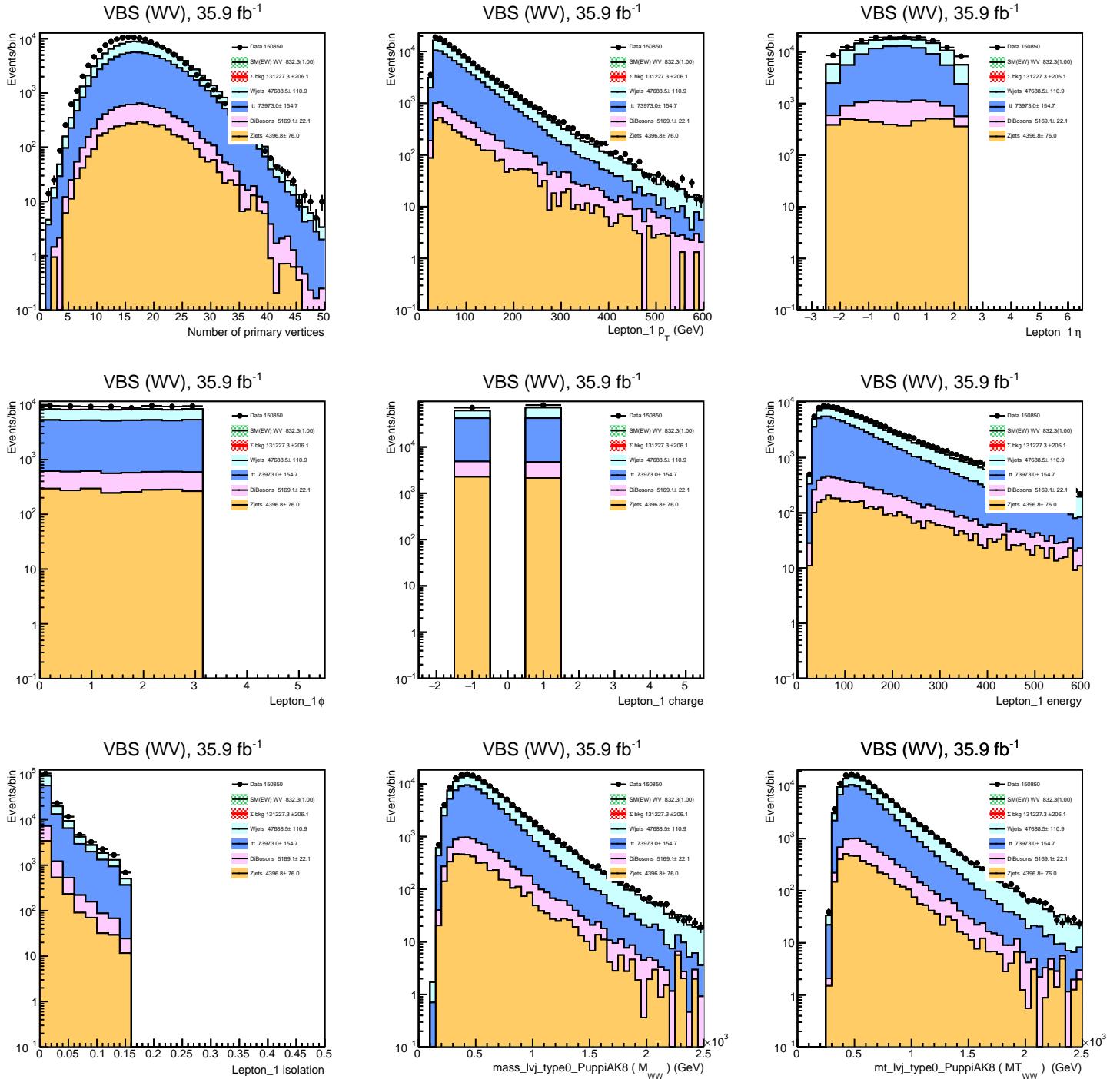


Figure 2: 0000 plot of c2 variables using cut: “test”

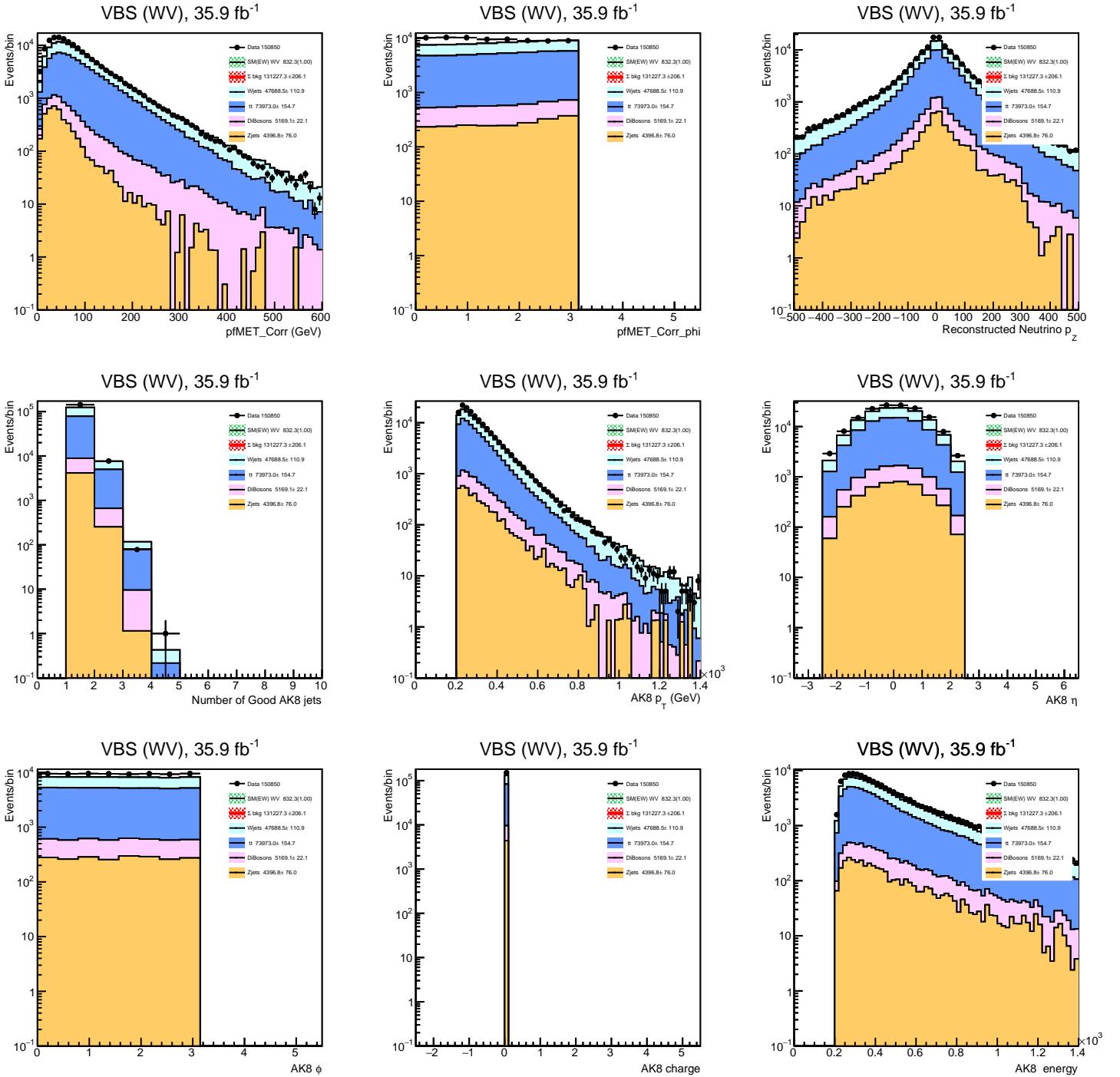
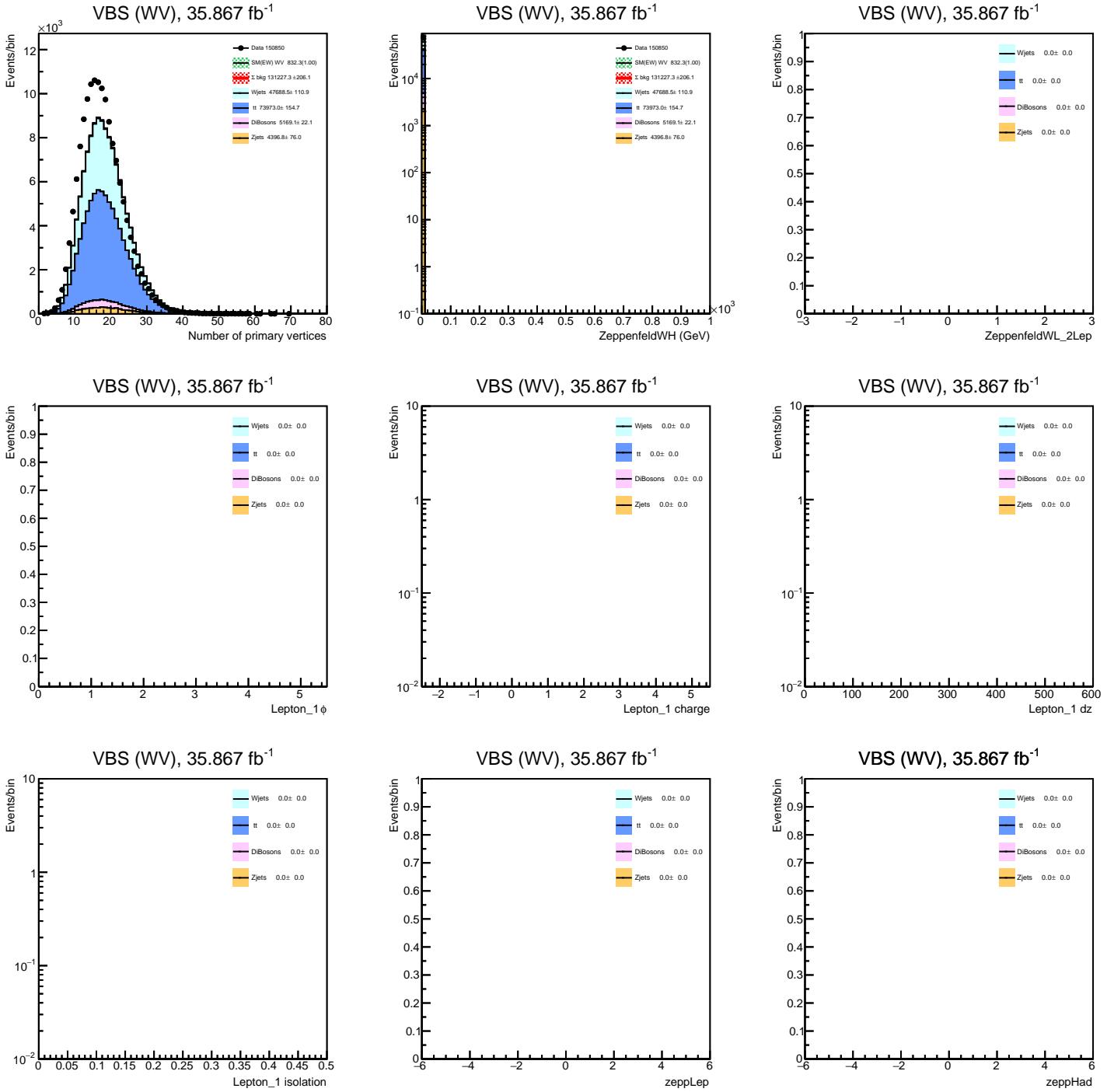


Figure 3: 0000 plot of c3 variables using cut: “test”



2016

Full_DNNMLPBDT_SR

Figure 4: 2016 plot of c1 variables using cut: “Full_DNNMLPBDT_SR”

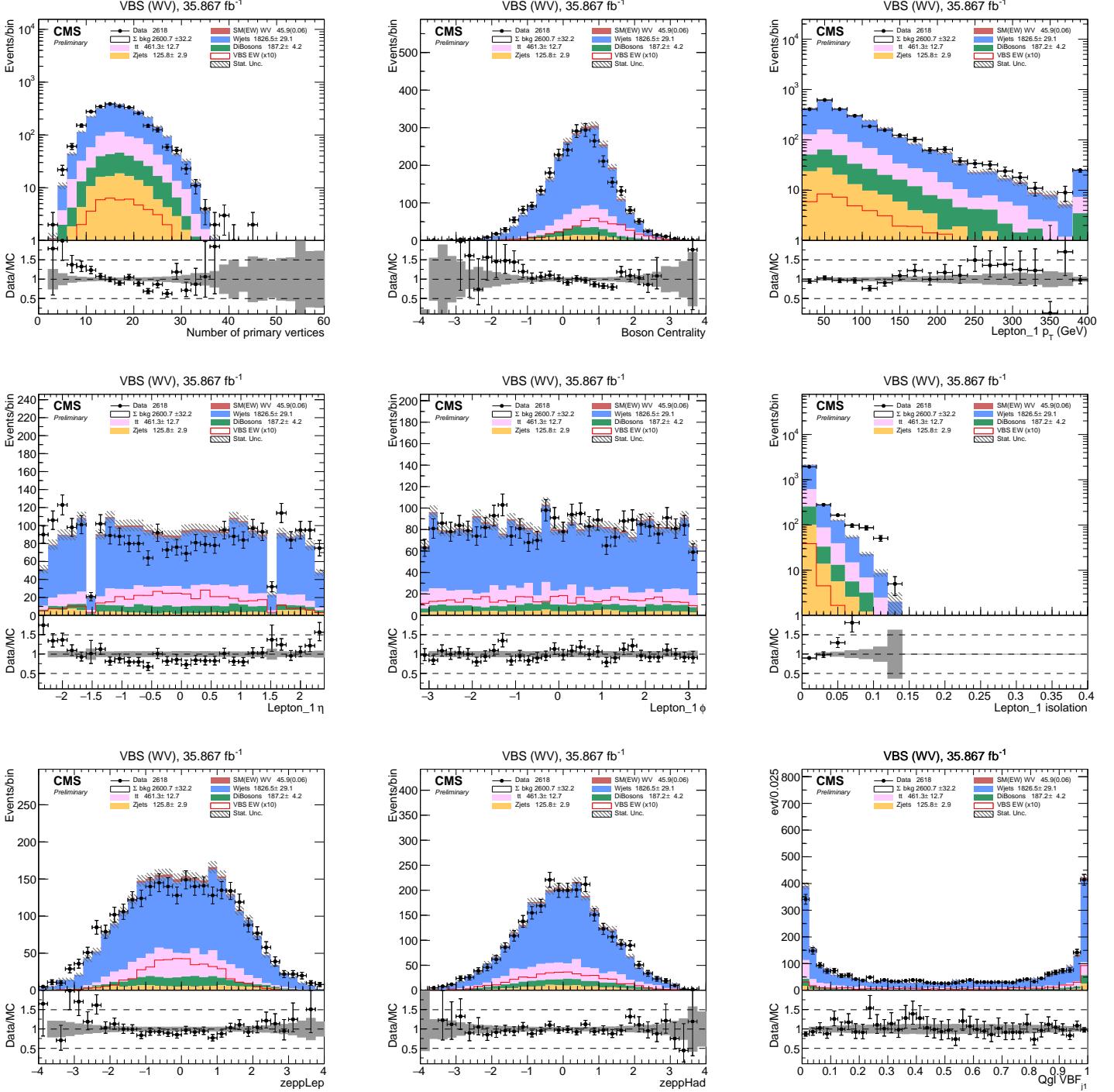


Figure 5: 2016 plot of c2 variables using cut: “Full_DNNMLPBDT_SR”

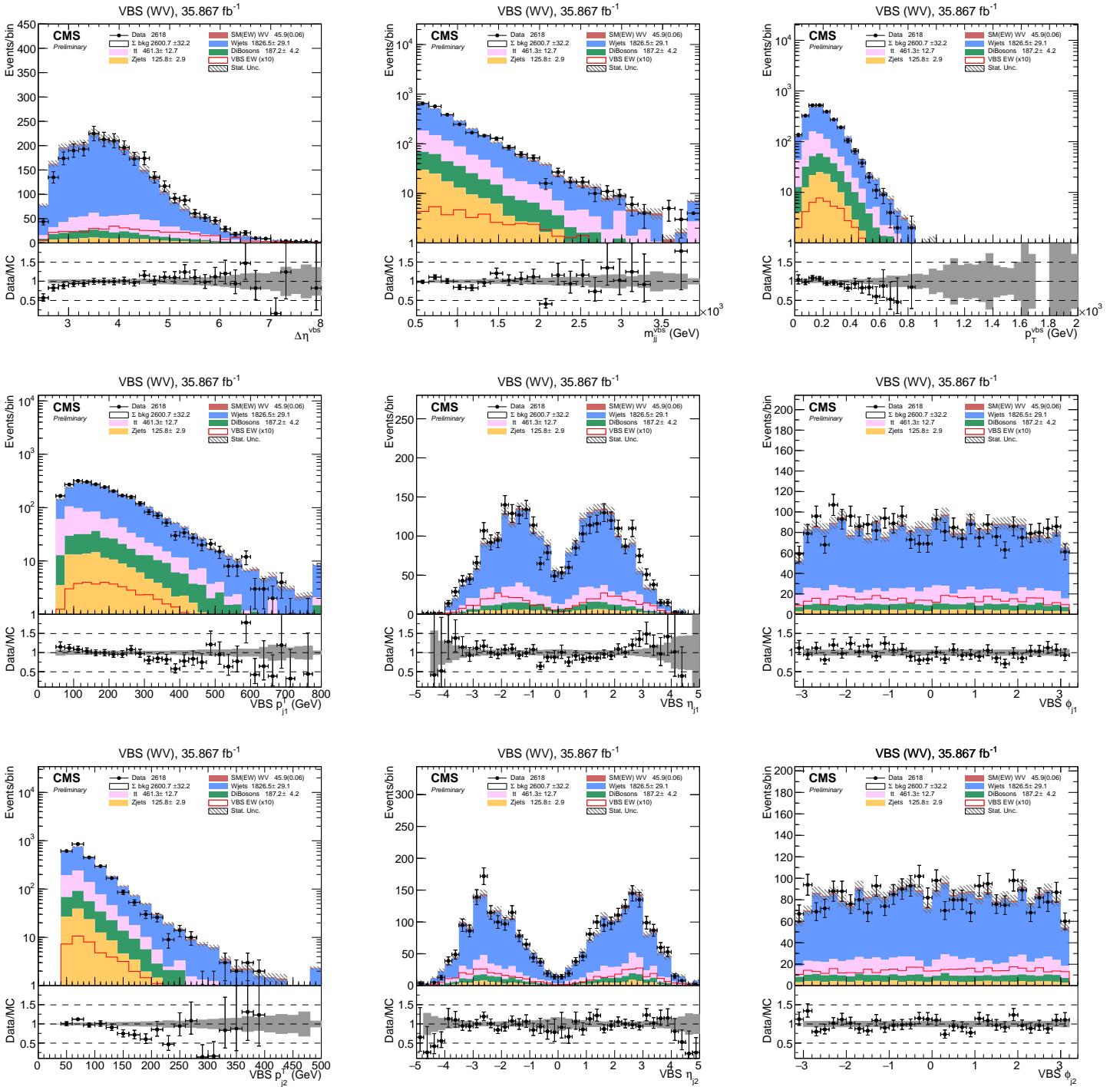


Figure 6: 2016 plot of c3 variables using cut: “Full_DNNMLPBDT_SR”

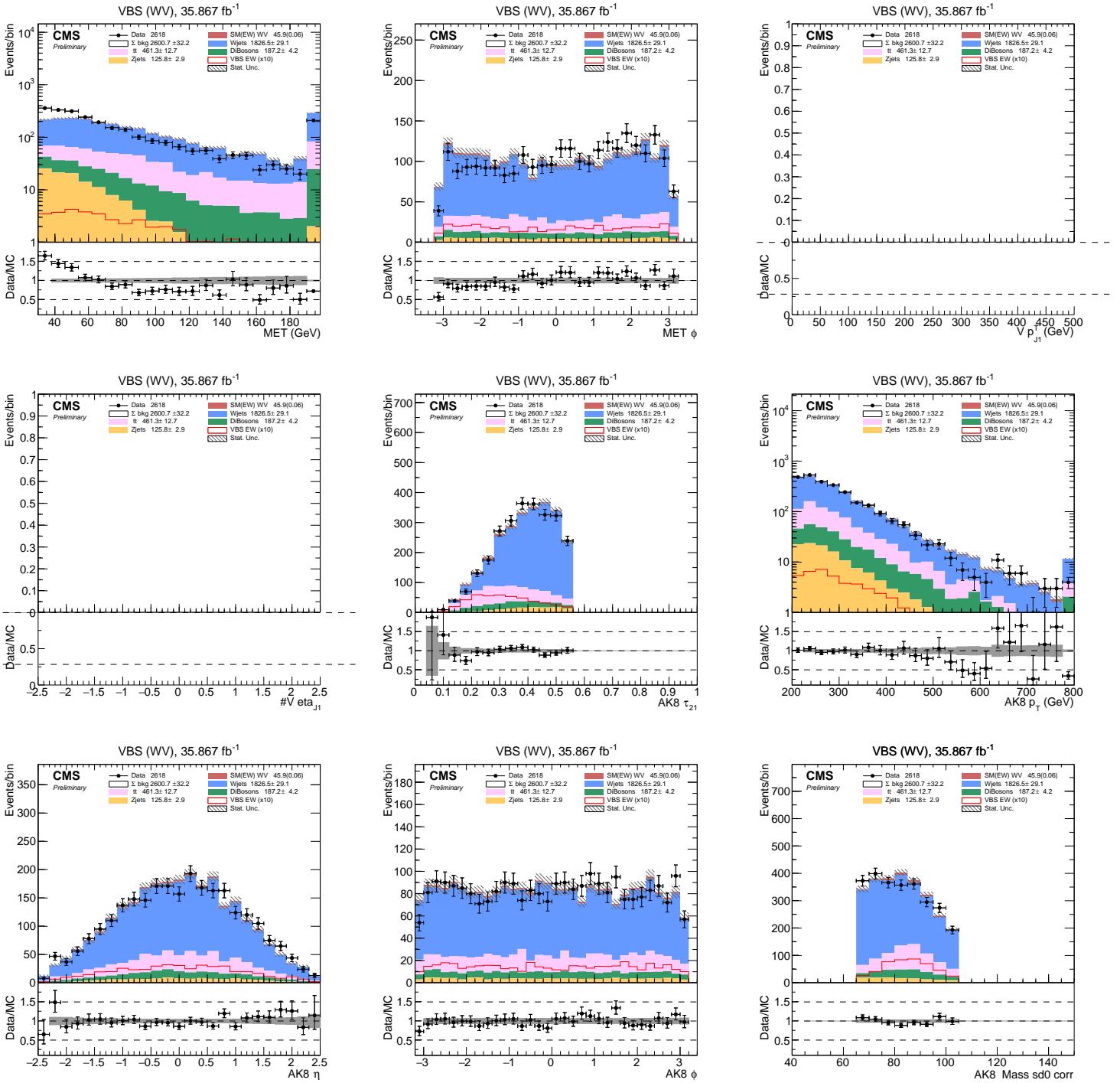
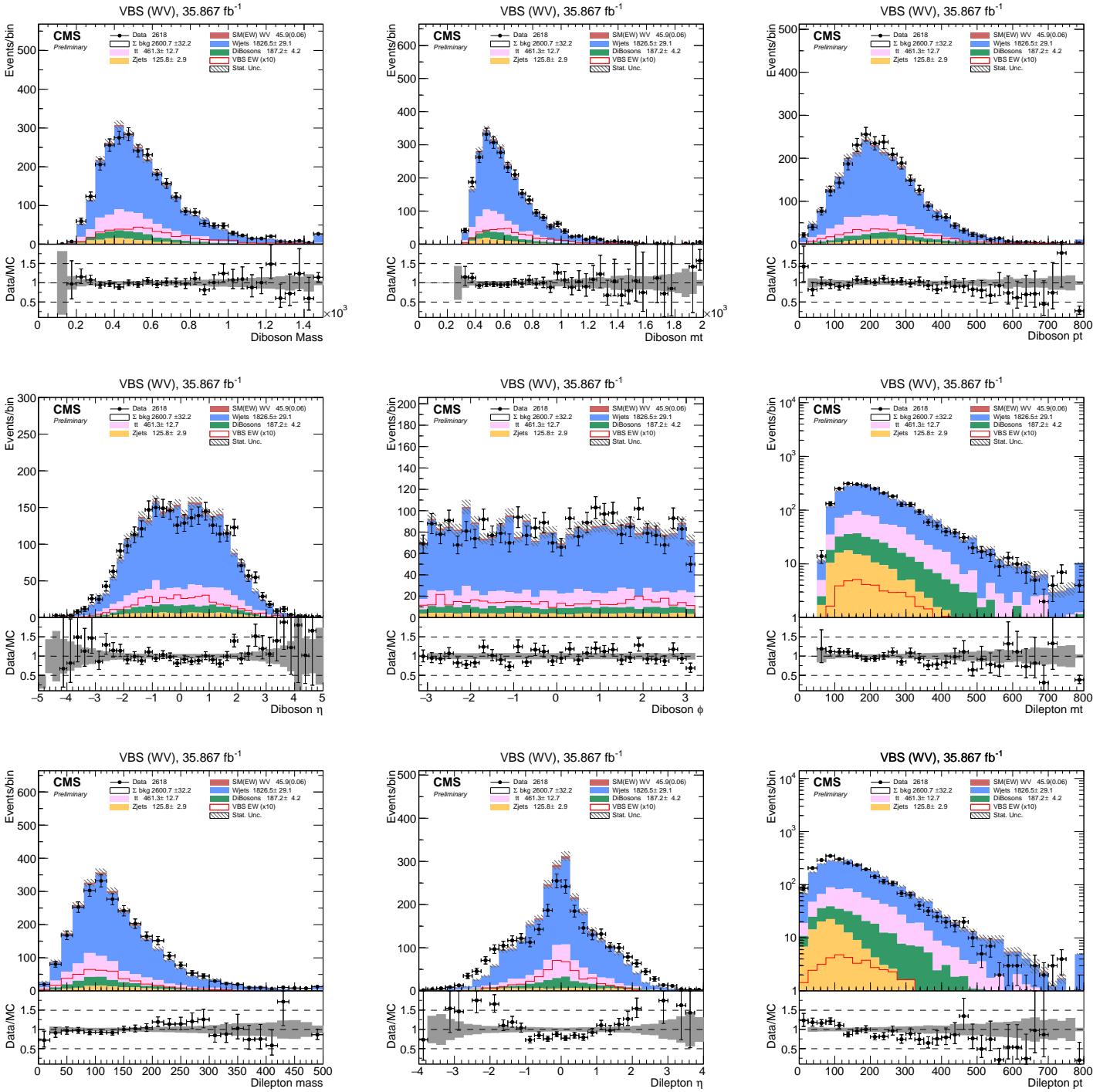


Figure 7: 2016 plot of c4 variables using cut: “Full_DNNMLPBDT_SR”



Full_SR

Figure 8: 2016 plot of c1 variables using cut: “Full_SR”

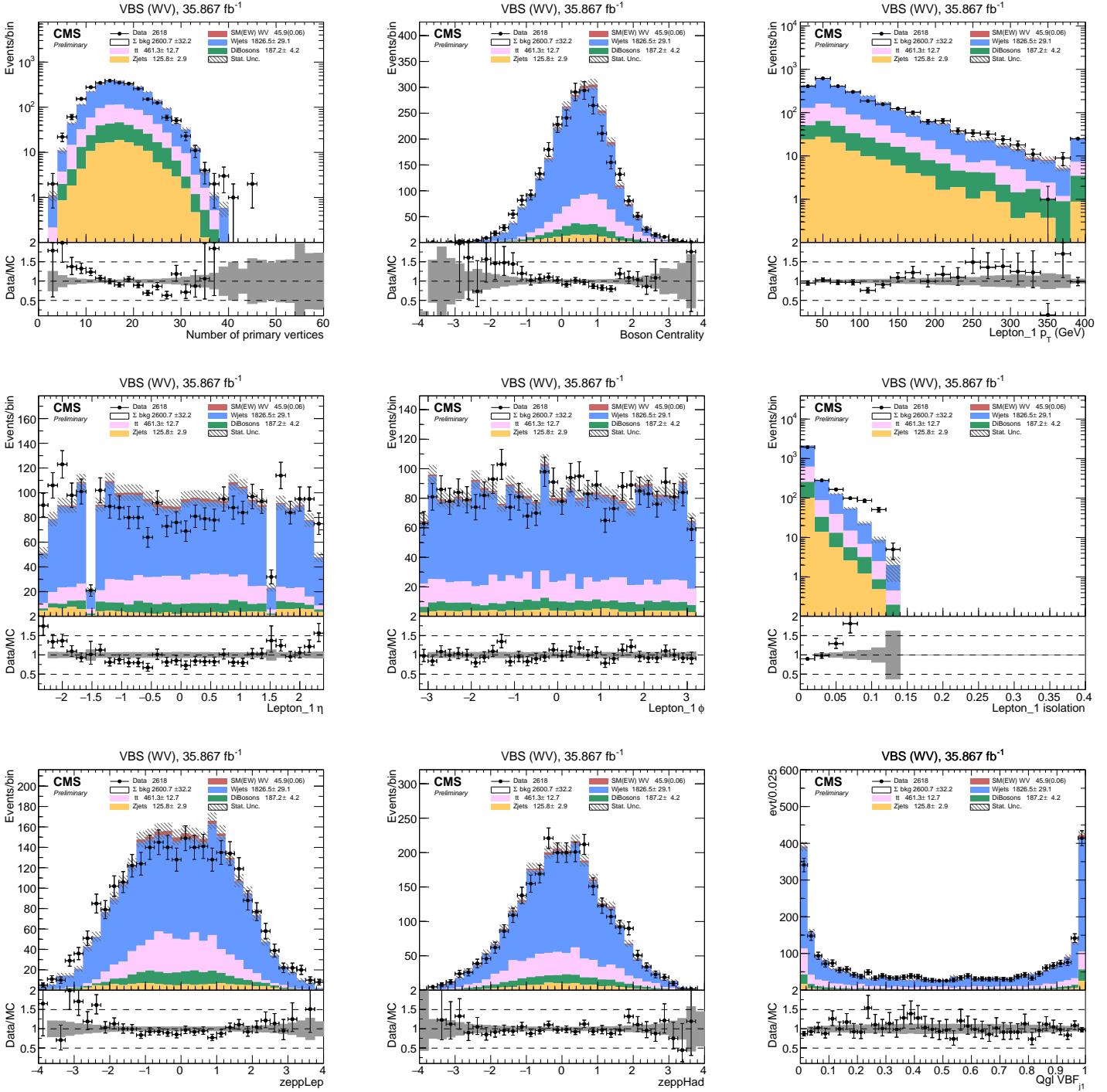


Figure 9: 2016 plot of c2 variables using cut: “Full_SR”

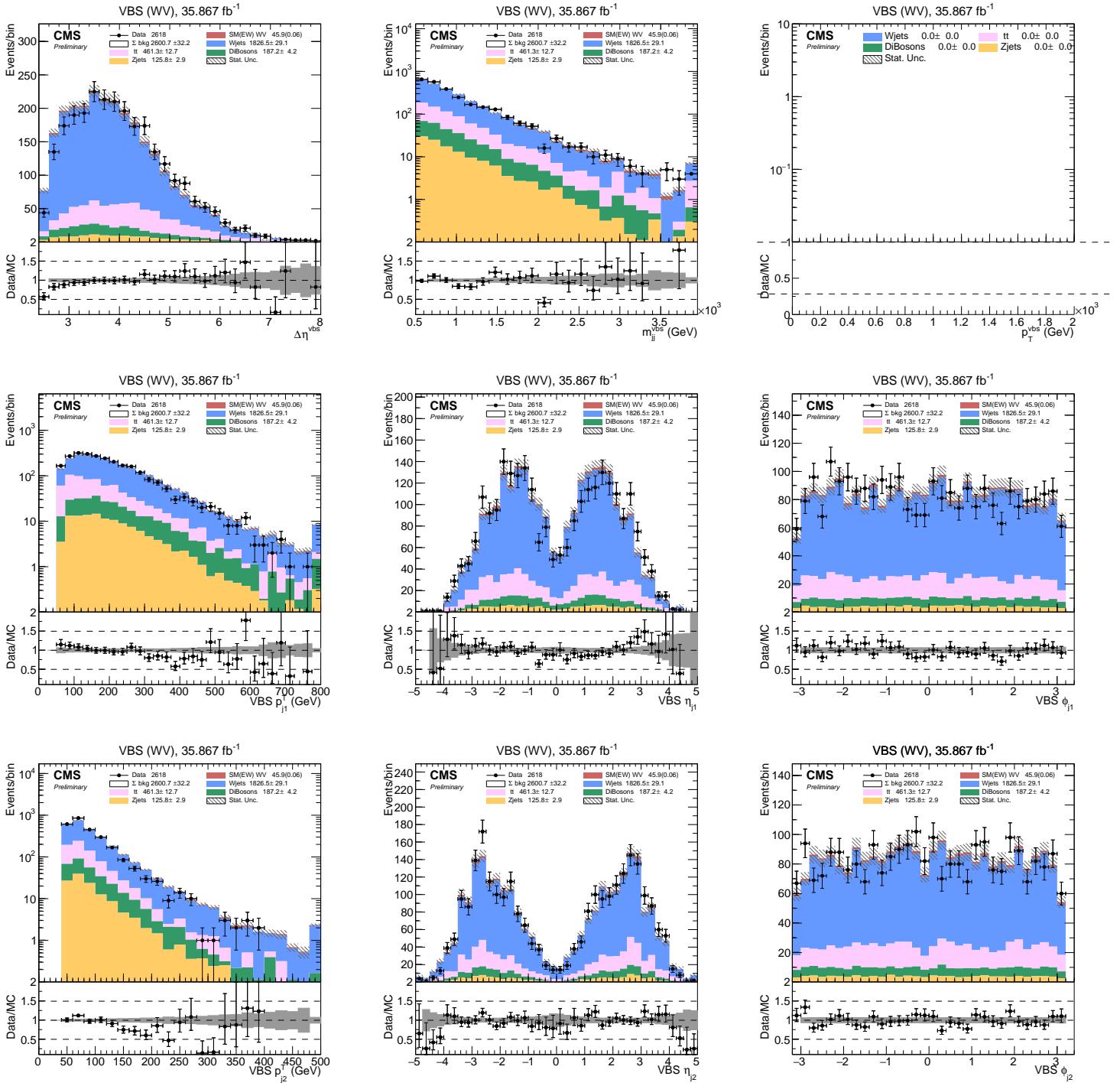


Figure 10: 2016 plot of c3 variables using cut: “Full_SR”

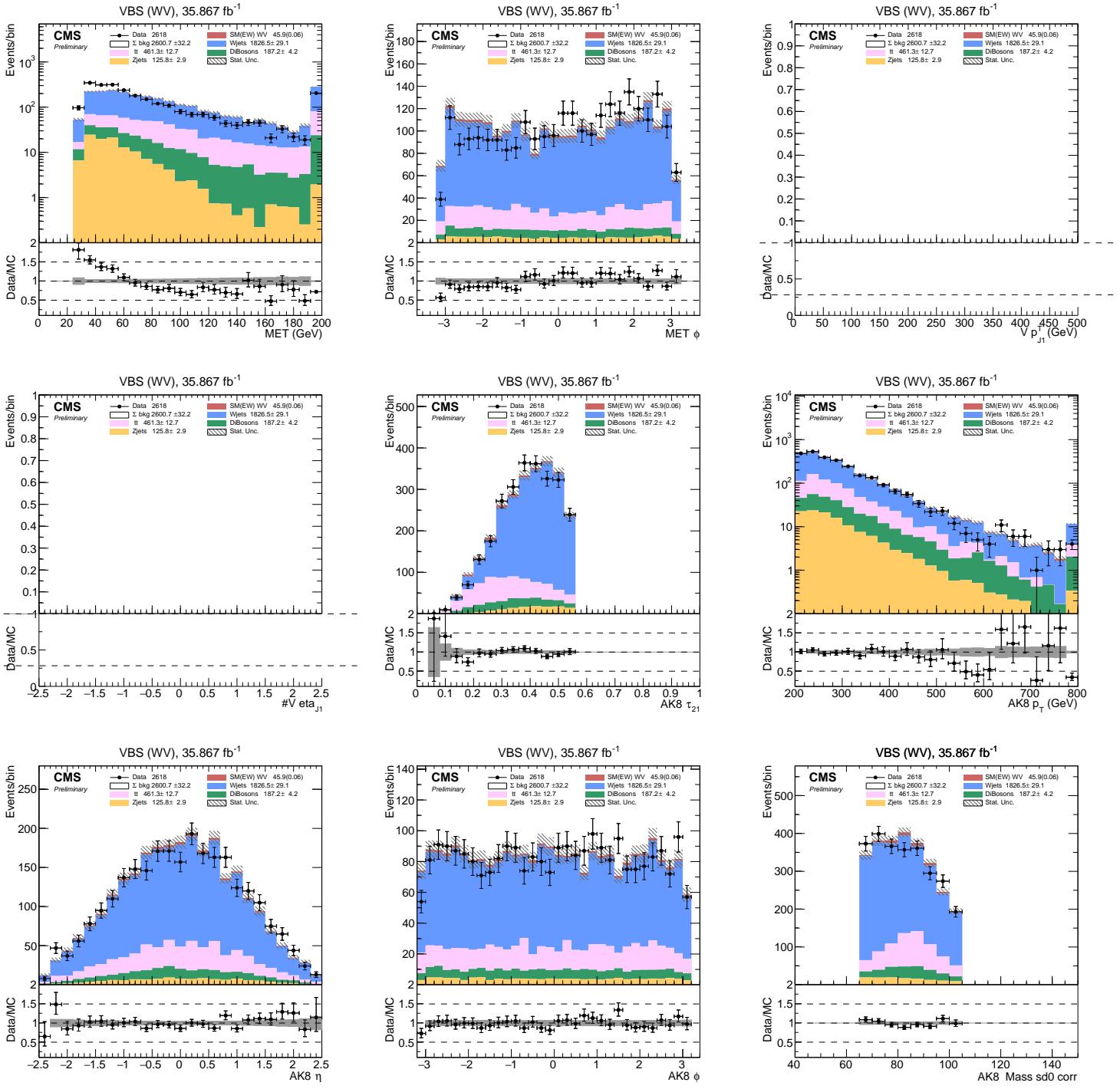
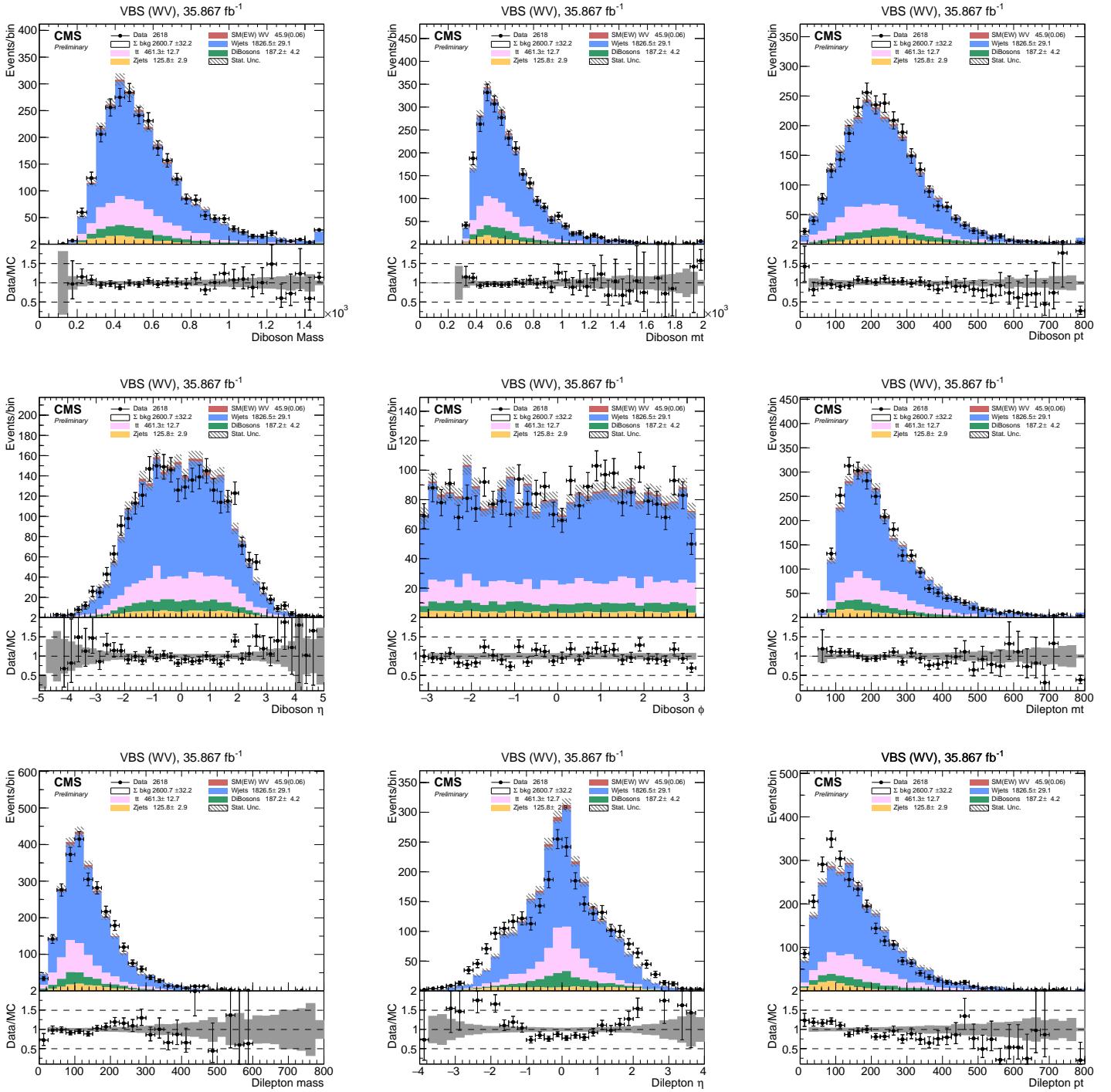


Figure 11: 2016 plot of c4 variables using cut: “Full_SR”



Top_CR

Figure 12: 2016 plot of c1 variables using cut: “Top_CR”

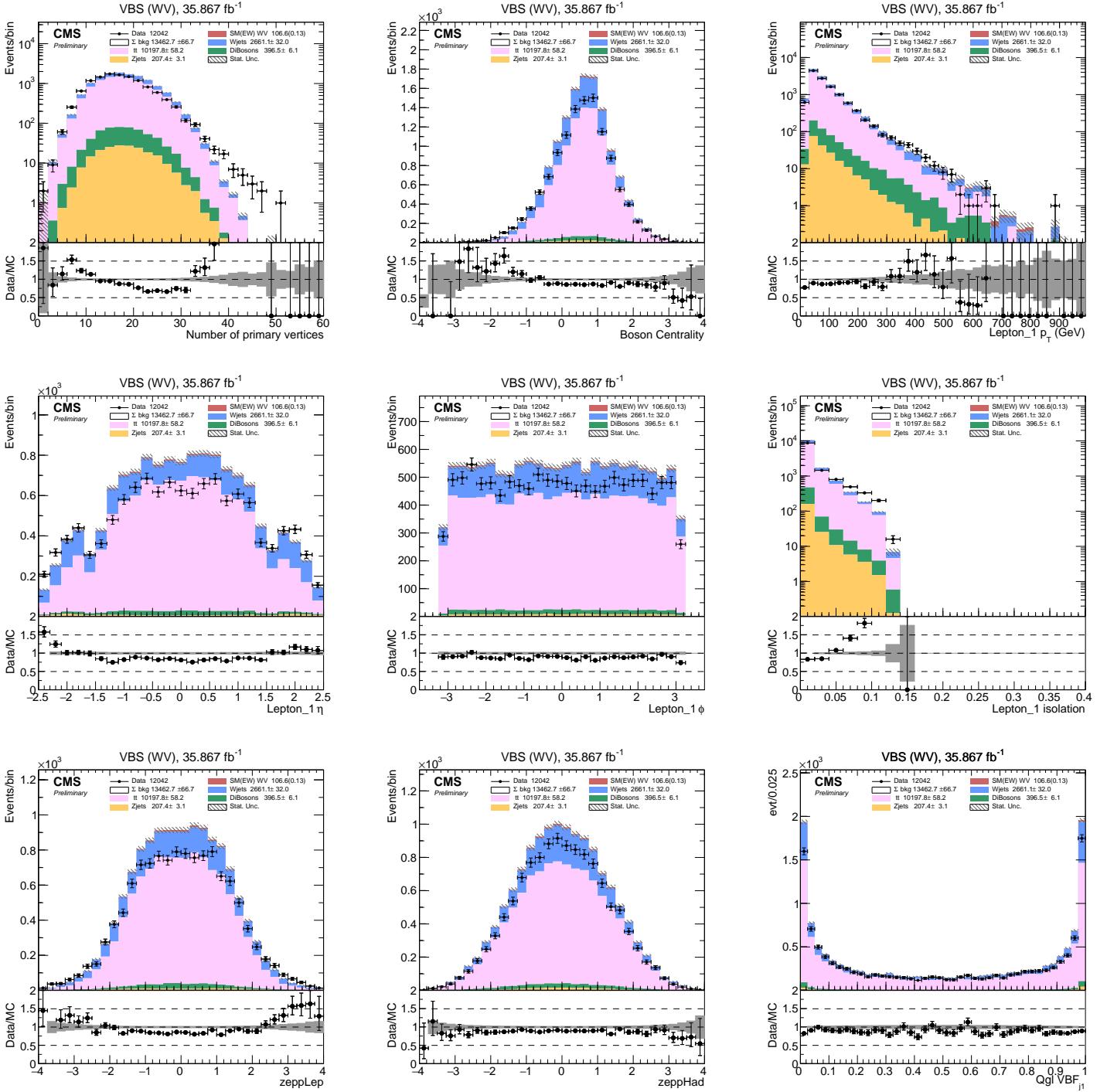


Figure 13: 2016 plot of c2 variables using cut: “Top_CR”

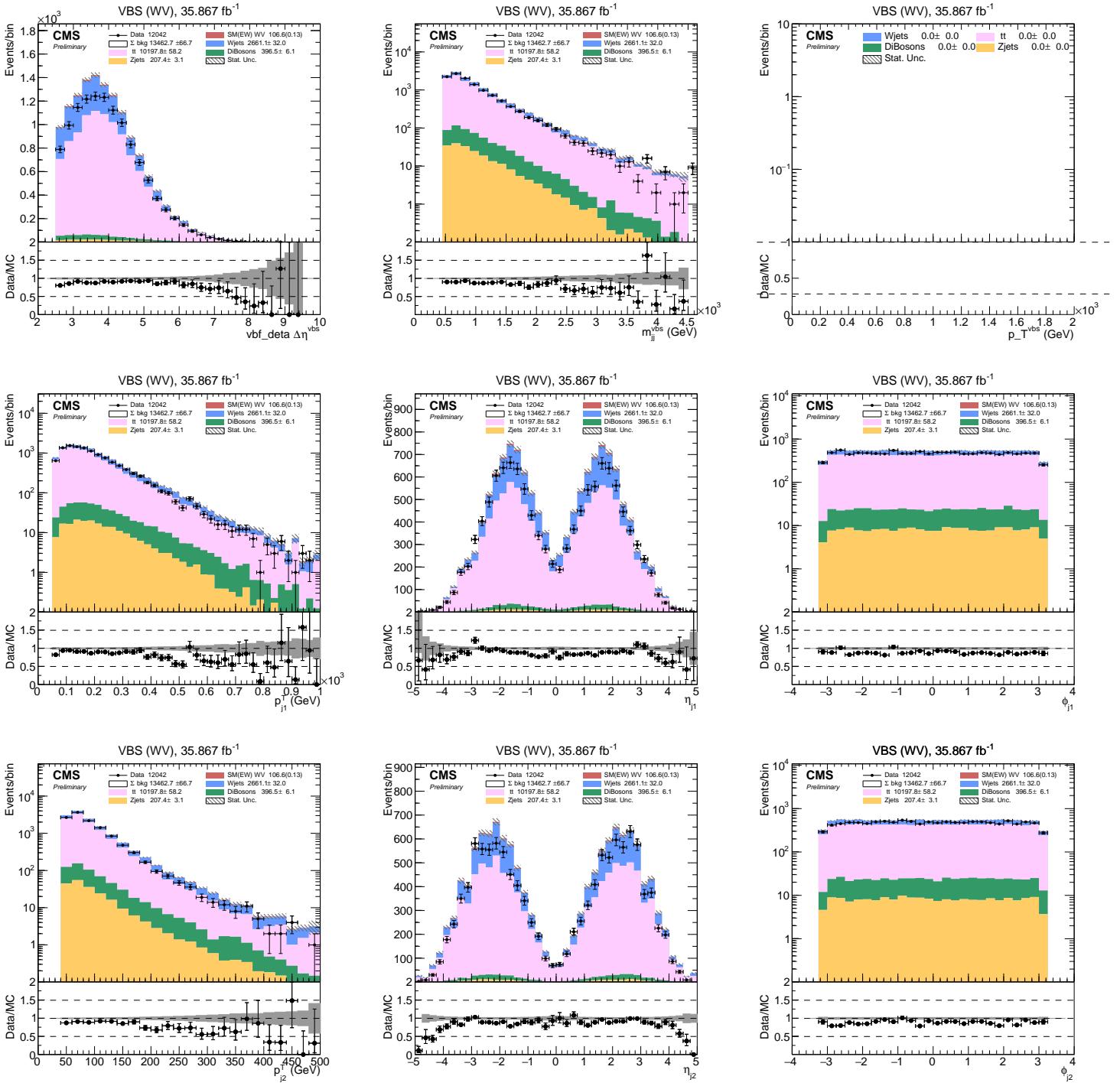


Figure 14: 2016 plot of c3 variables using cut: “Top_CR”

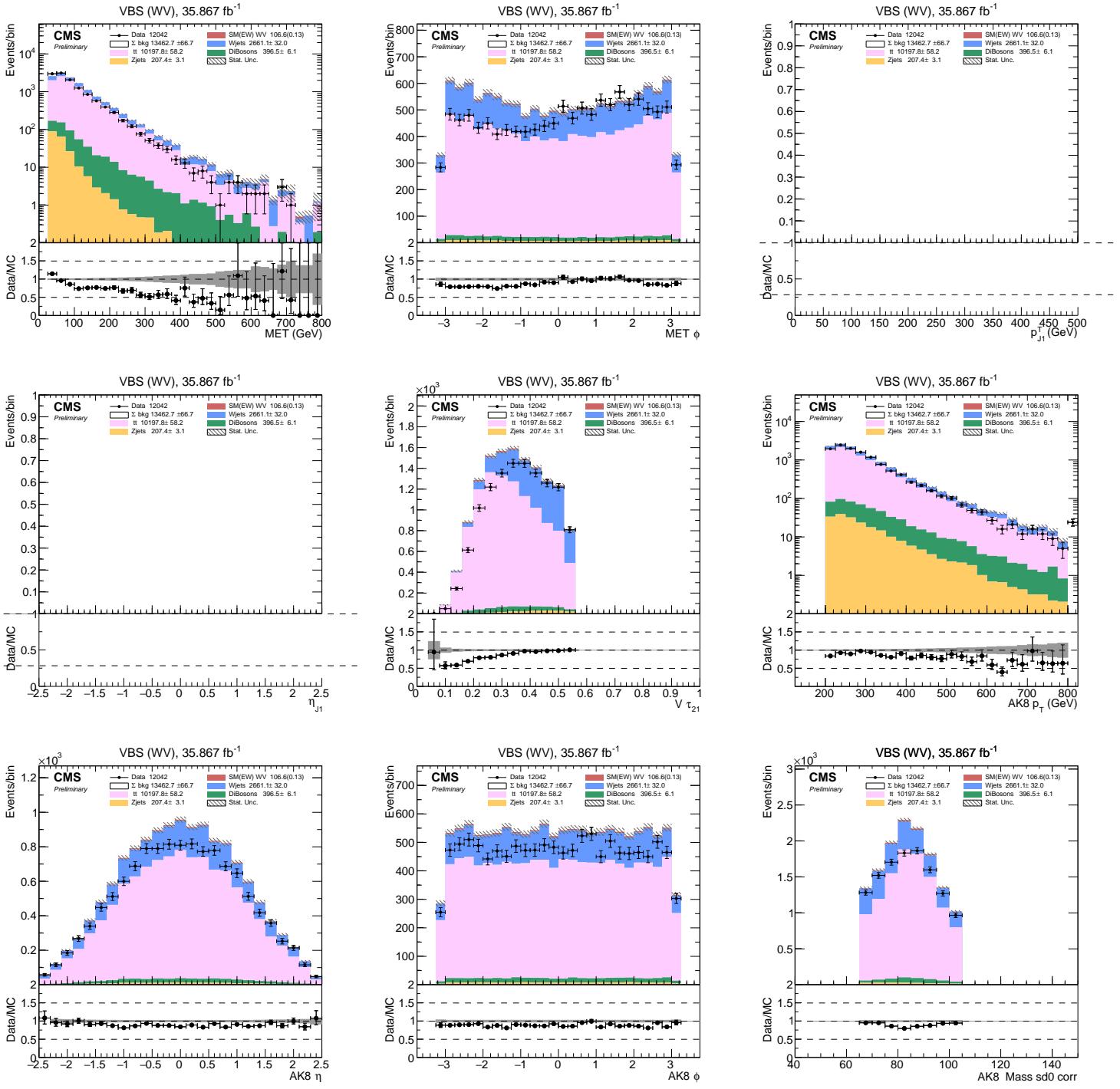
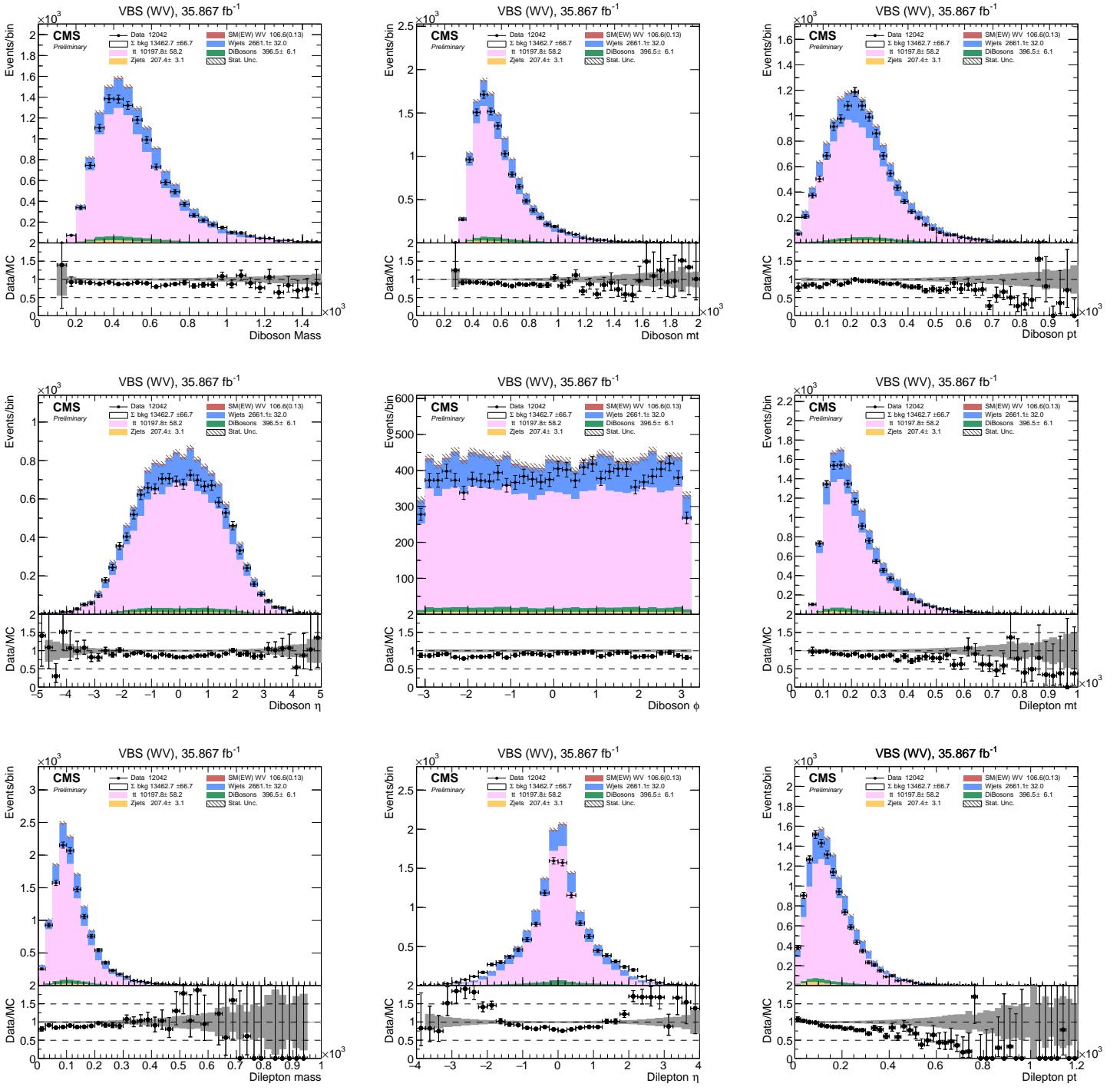


Figure 15: 2016 plot of c4 variables using cut: “Top_CR”



Wjets_CR

Figure 16: 2016 plot of c1 variables using cut: “Wjets_CR”

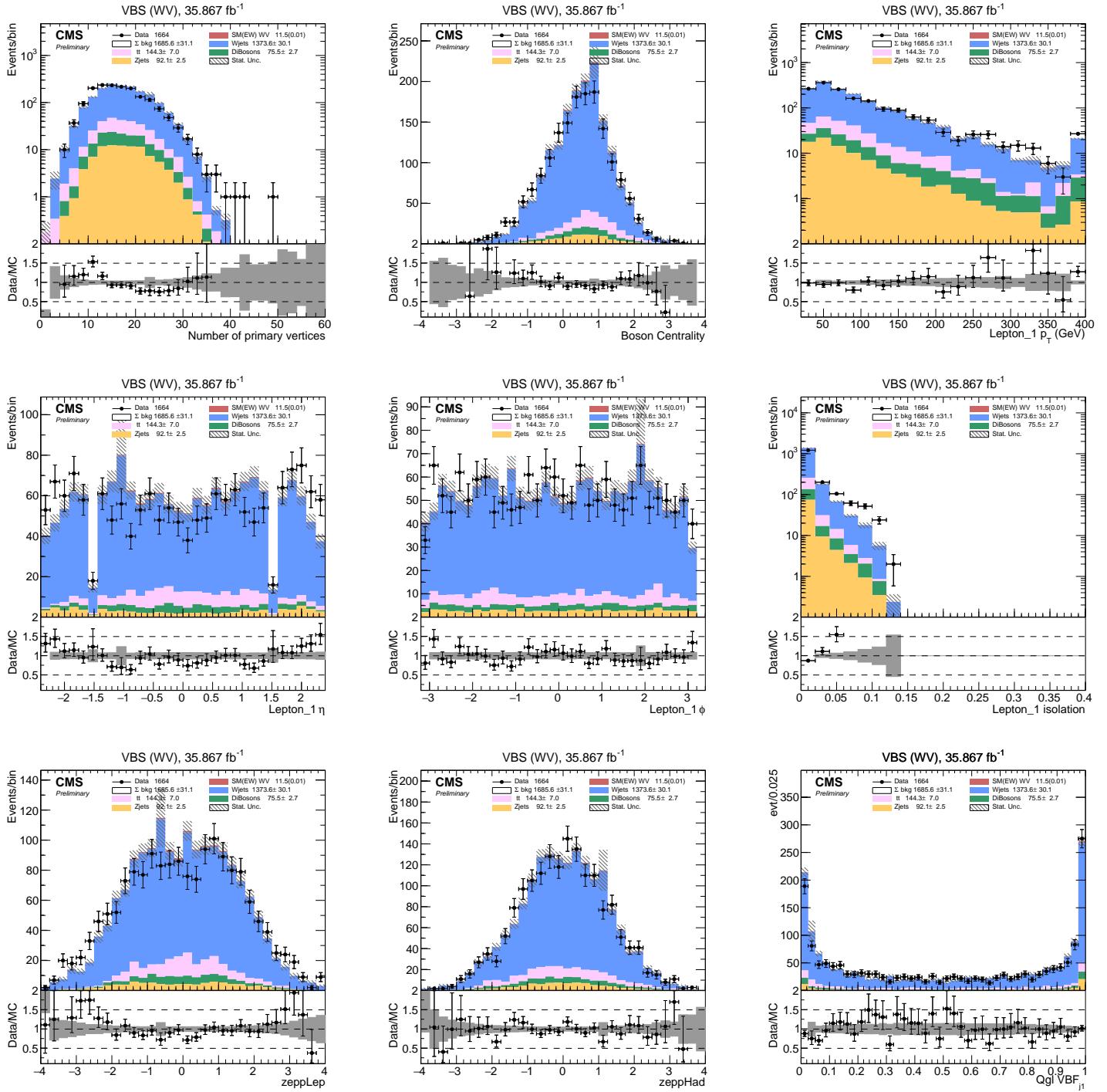


Figure 17: 2016 plot of c2 variables using cut: “Wjets_CR”

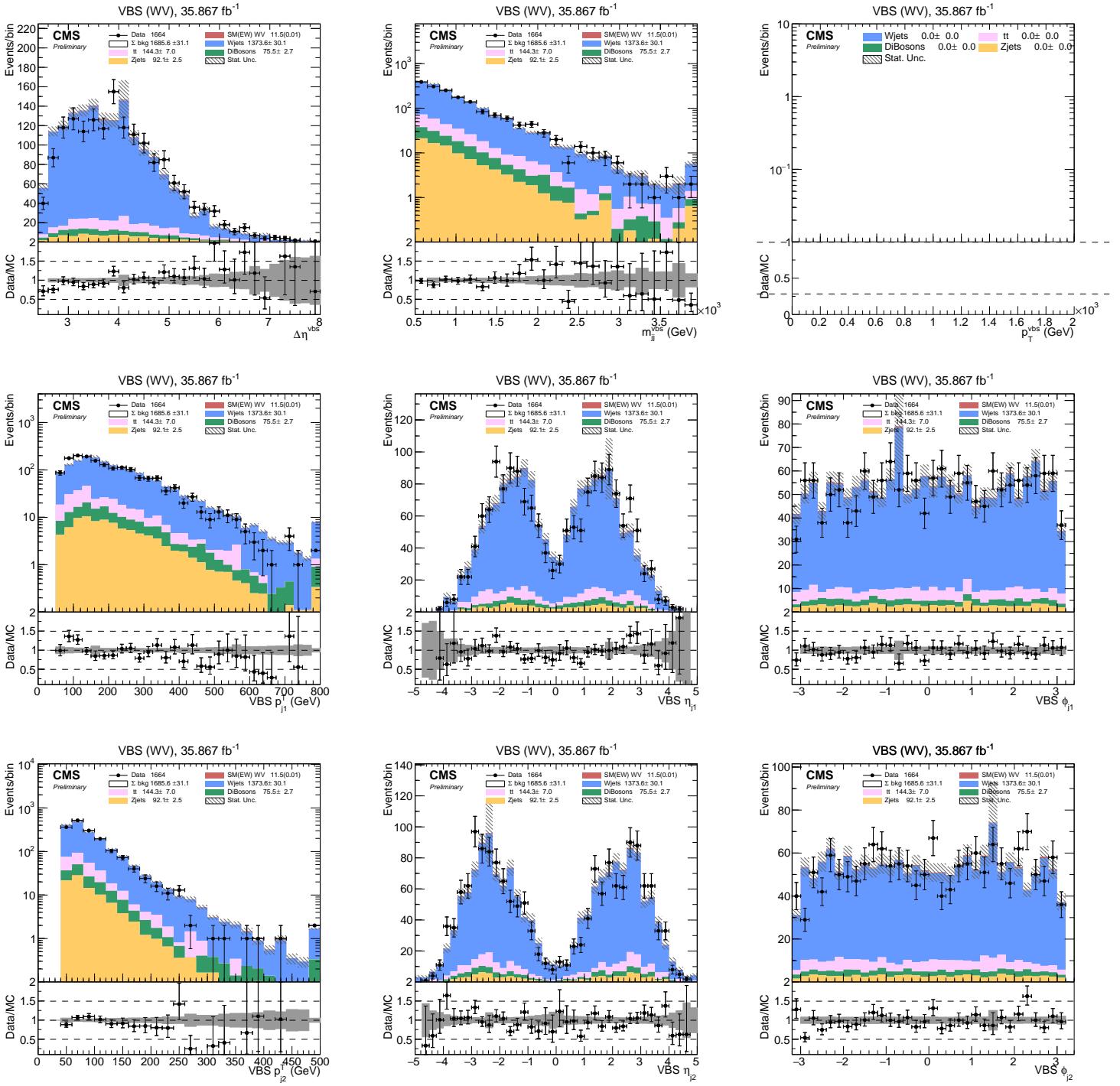


Figure 18: 2016 plot of c3 variables using cut: “Wjets_CR”

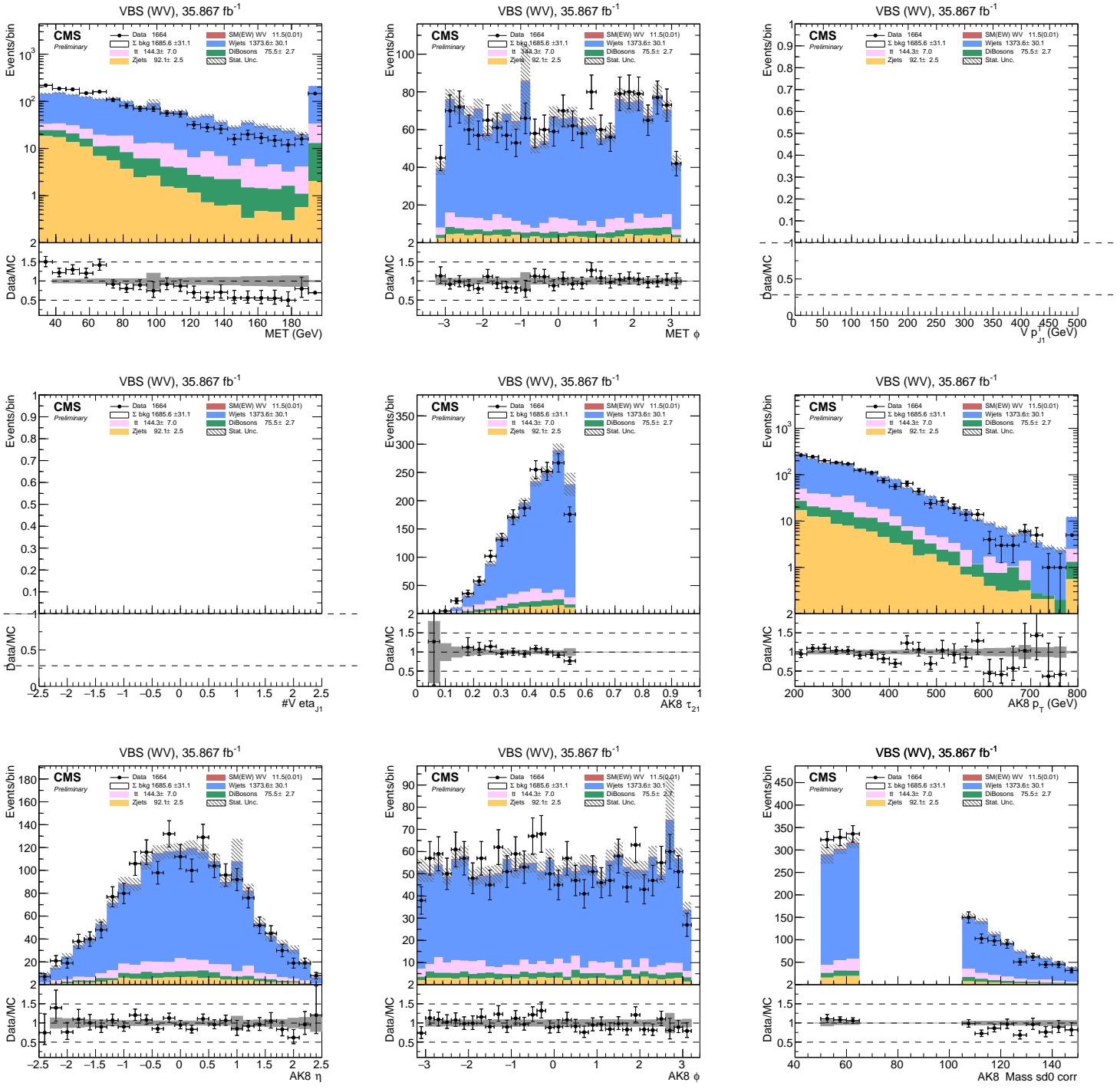


Figure 19: 2016 plot of c4 variables using cut: “Wjets_CR”

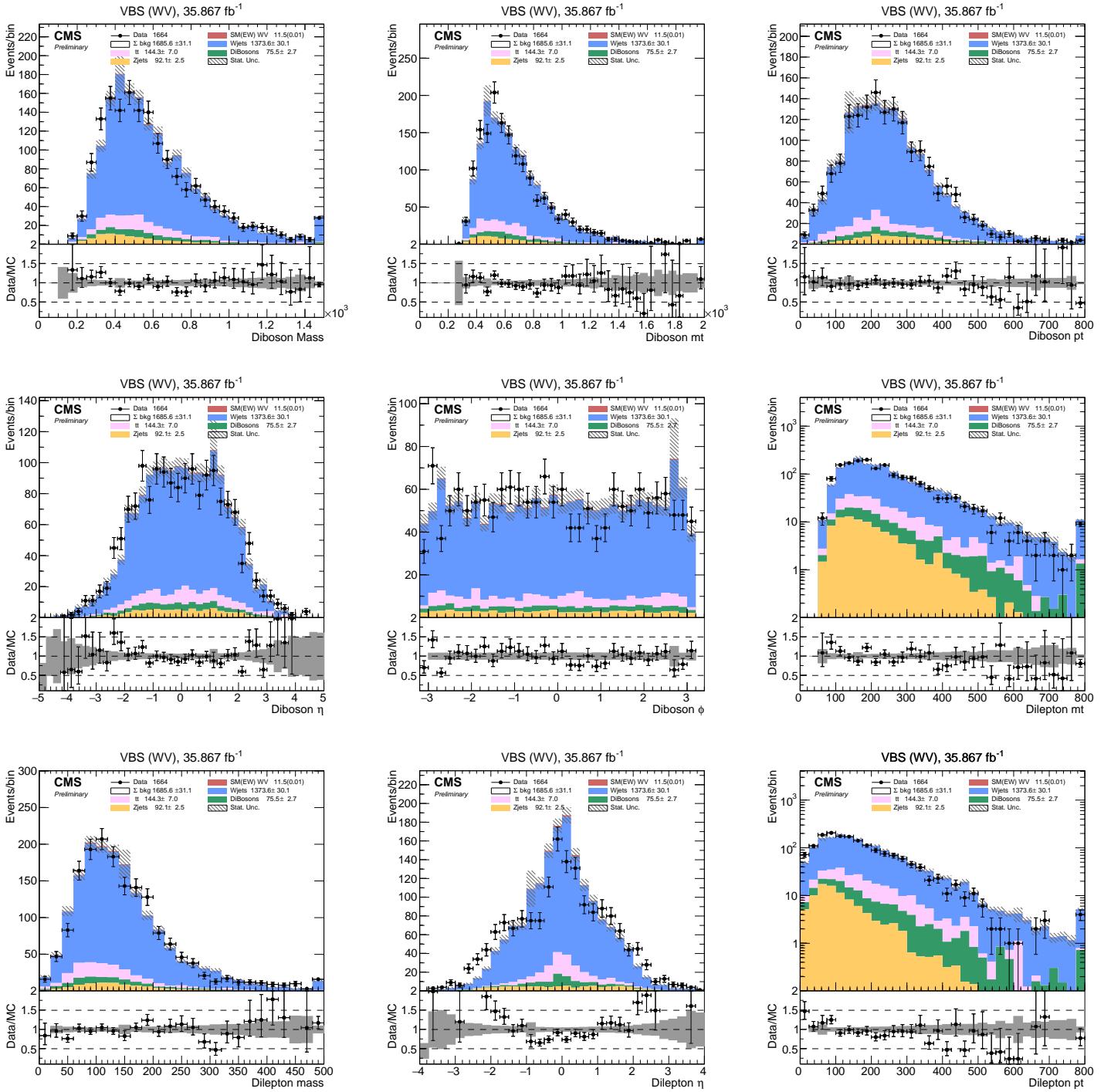


Figure 20: 2017 plot of c1 variables using cut: “Full_SR”

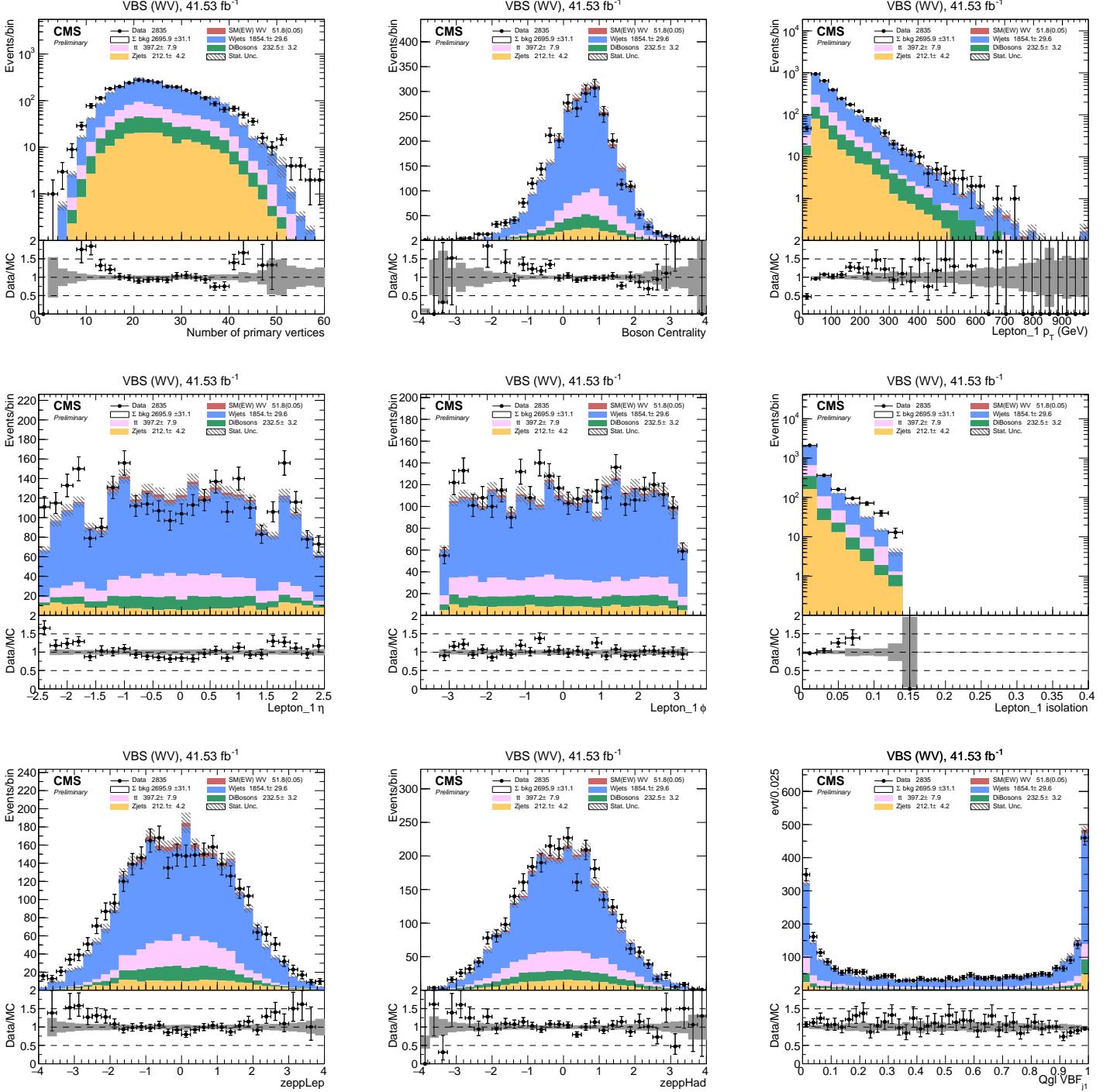


Figure 21: 2017 plot of c2 variables using cut: “Full_SR”

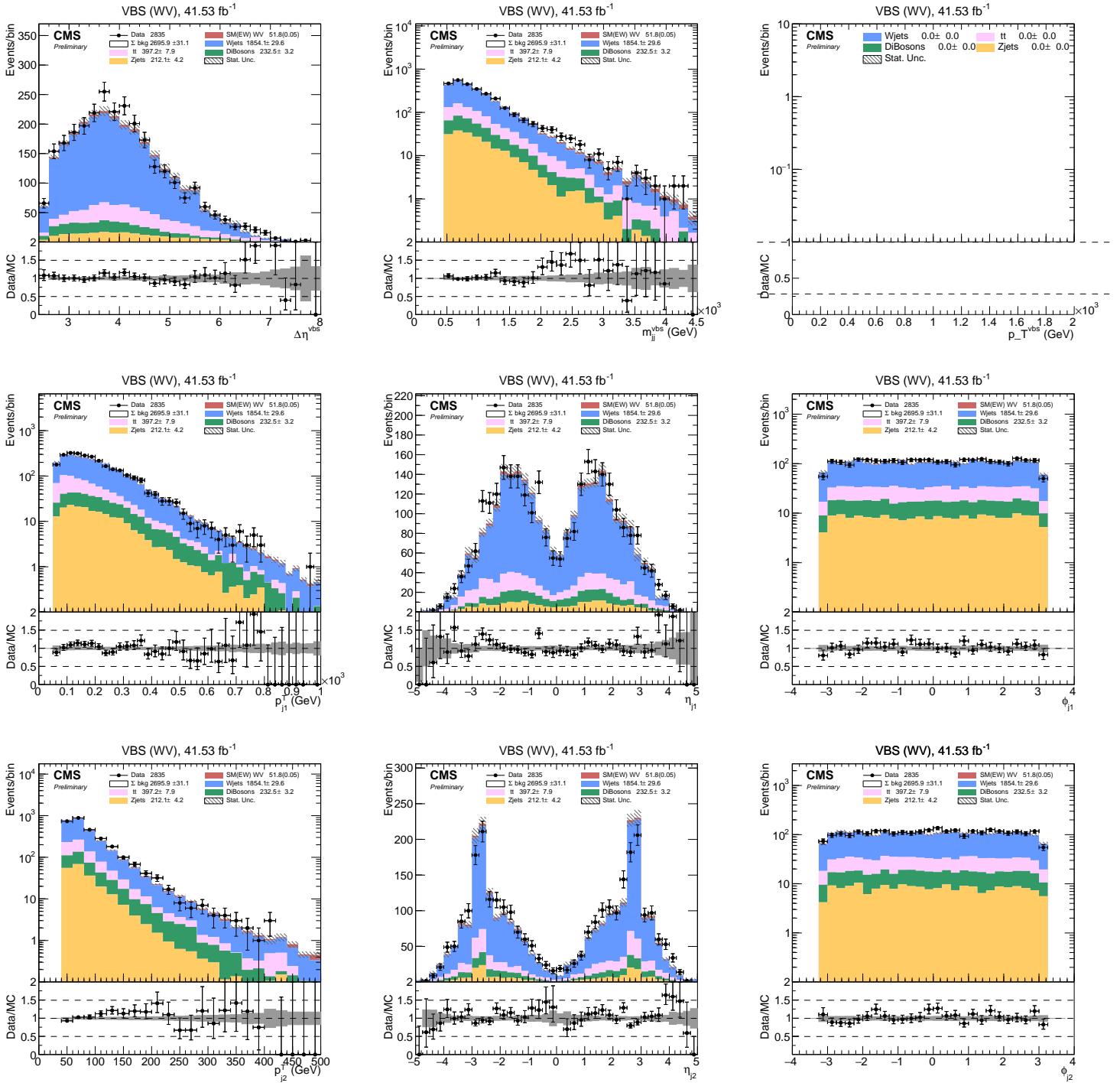


Figure 22: 2017 plot of c3 variables using cut: “Full_SR”

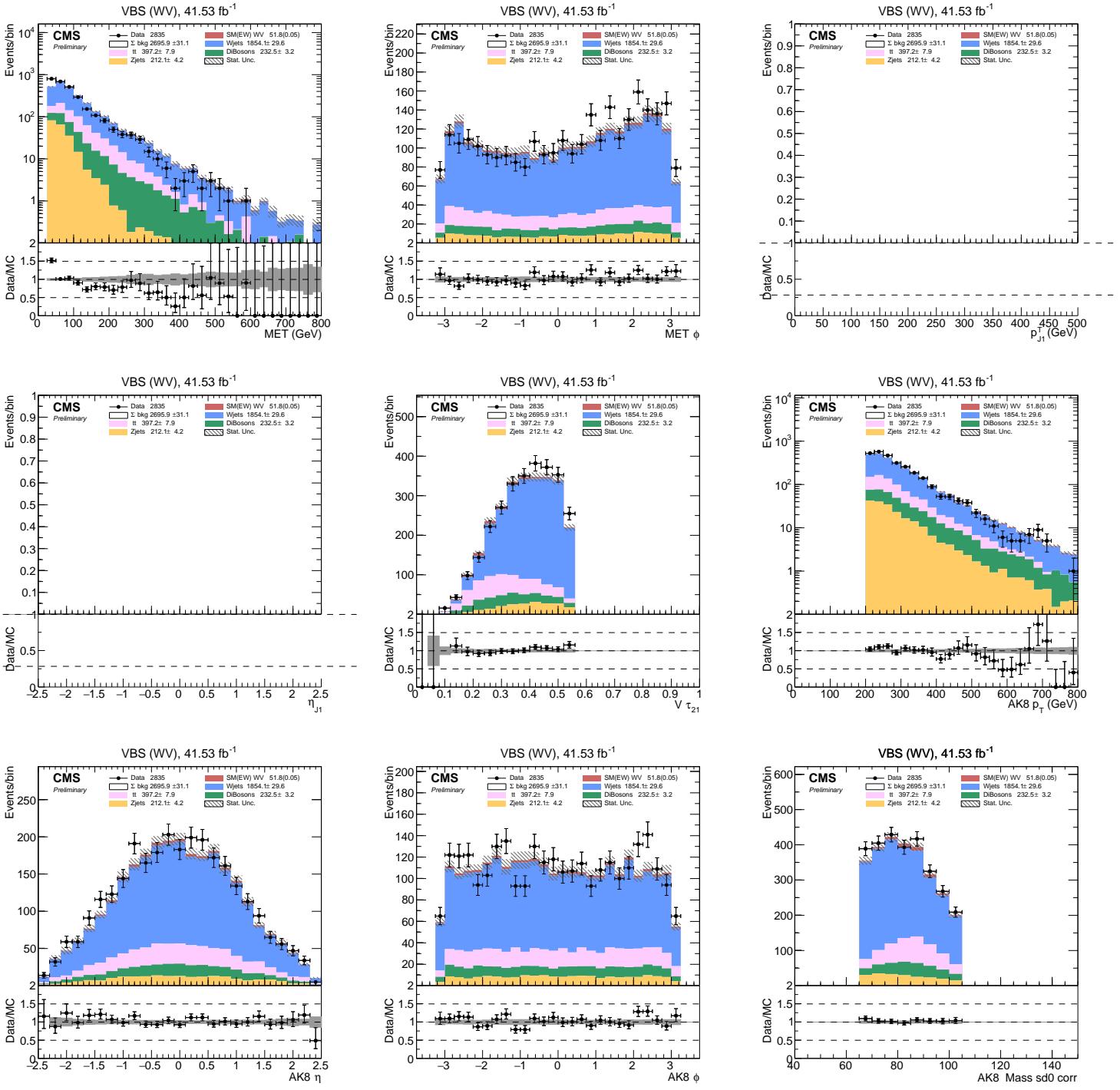
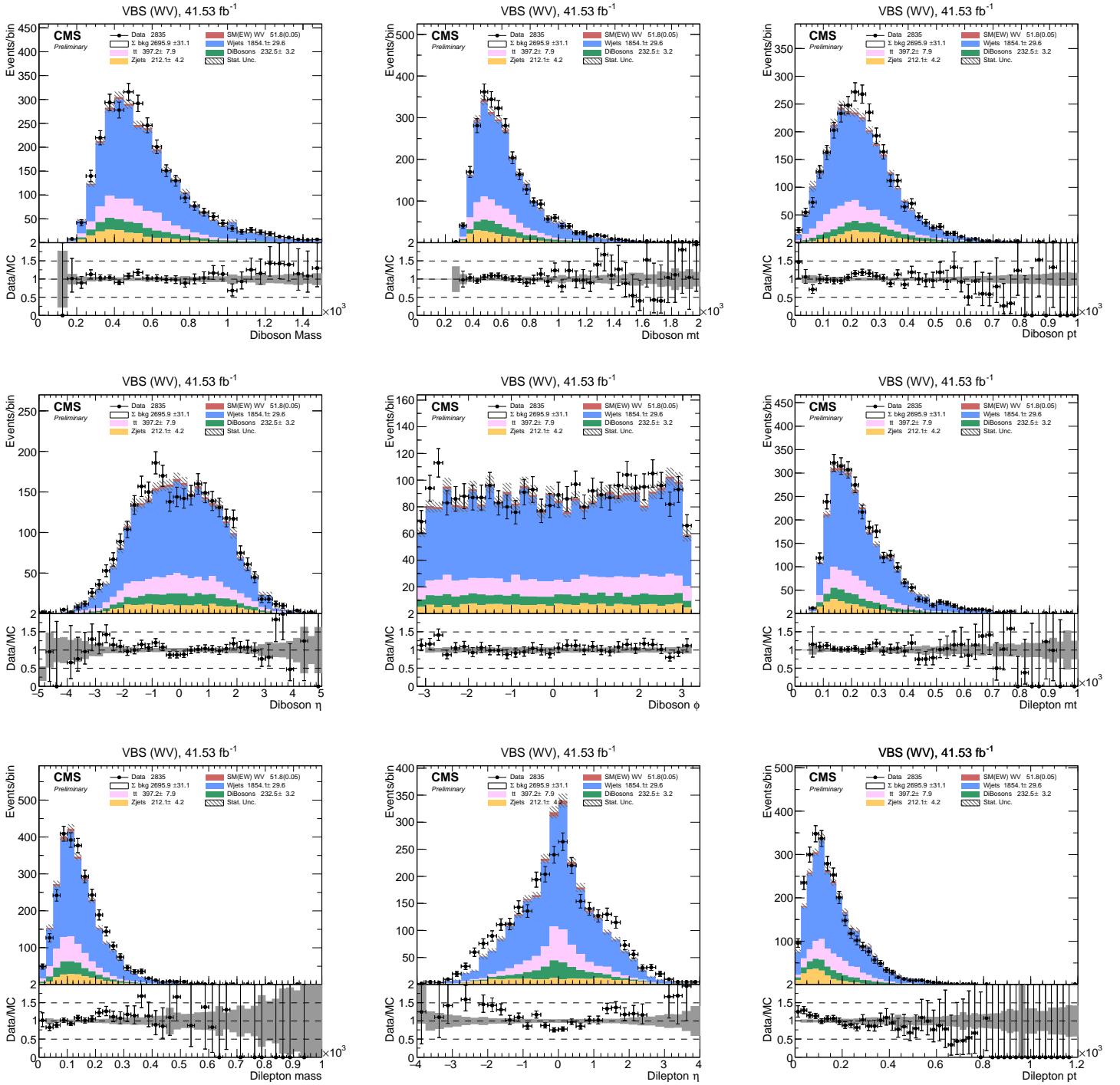


Figure 23: 2017 plot of c4 variables using cut: “Full_SR”



Top_CR

Figure 24: 2017 plot of c1 variables using cut: “Top_CR”

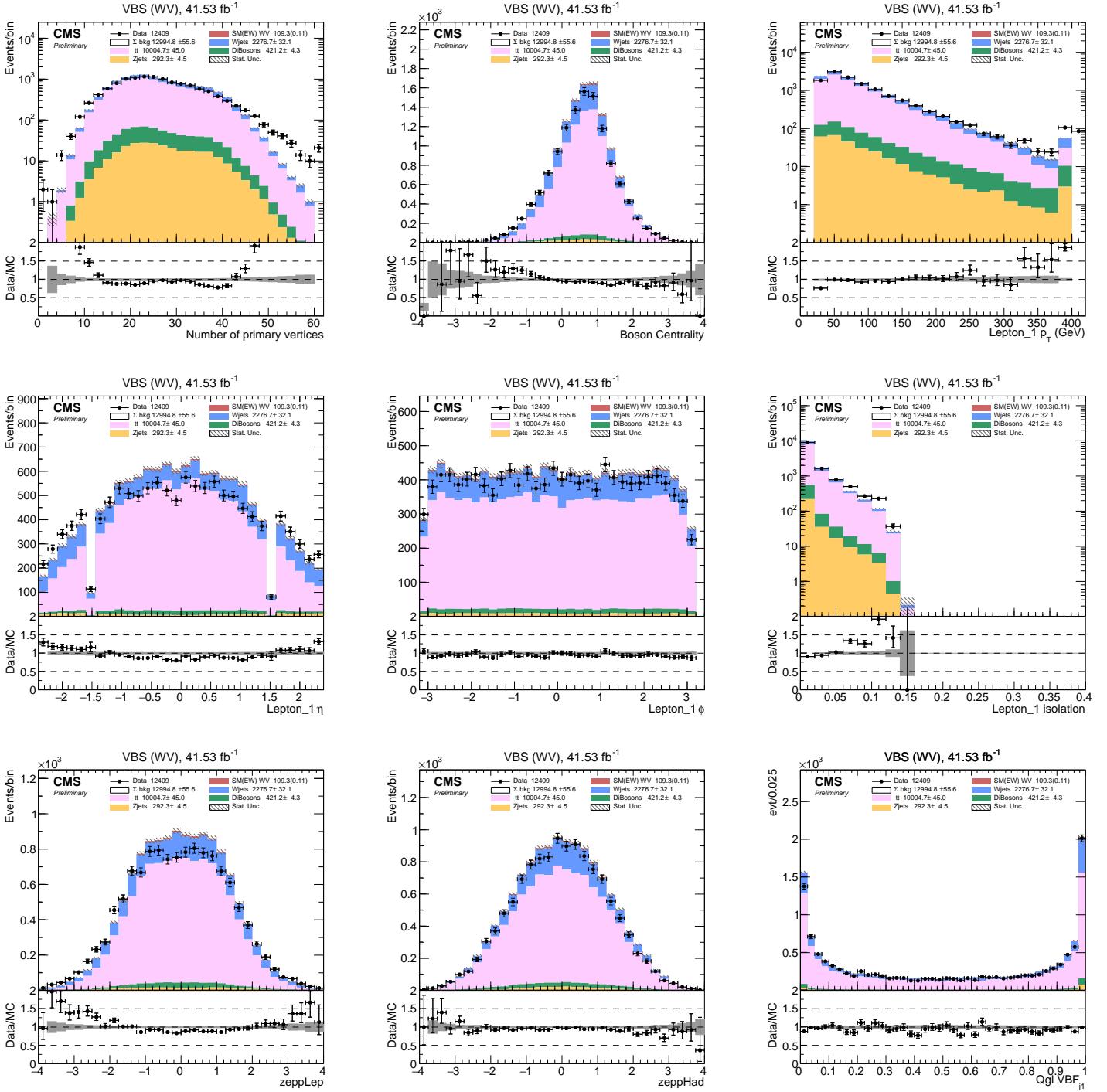


Figure 25: 2017 plot of c2 variables using cut: “Top_CR”

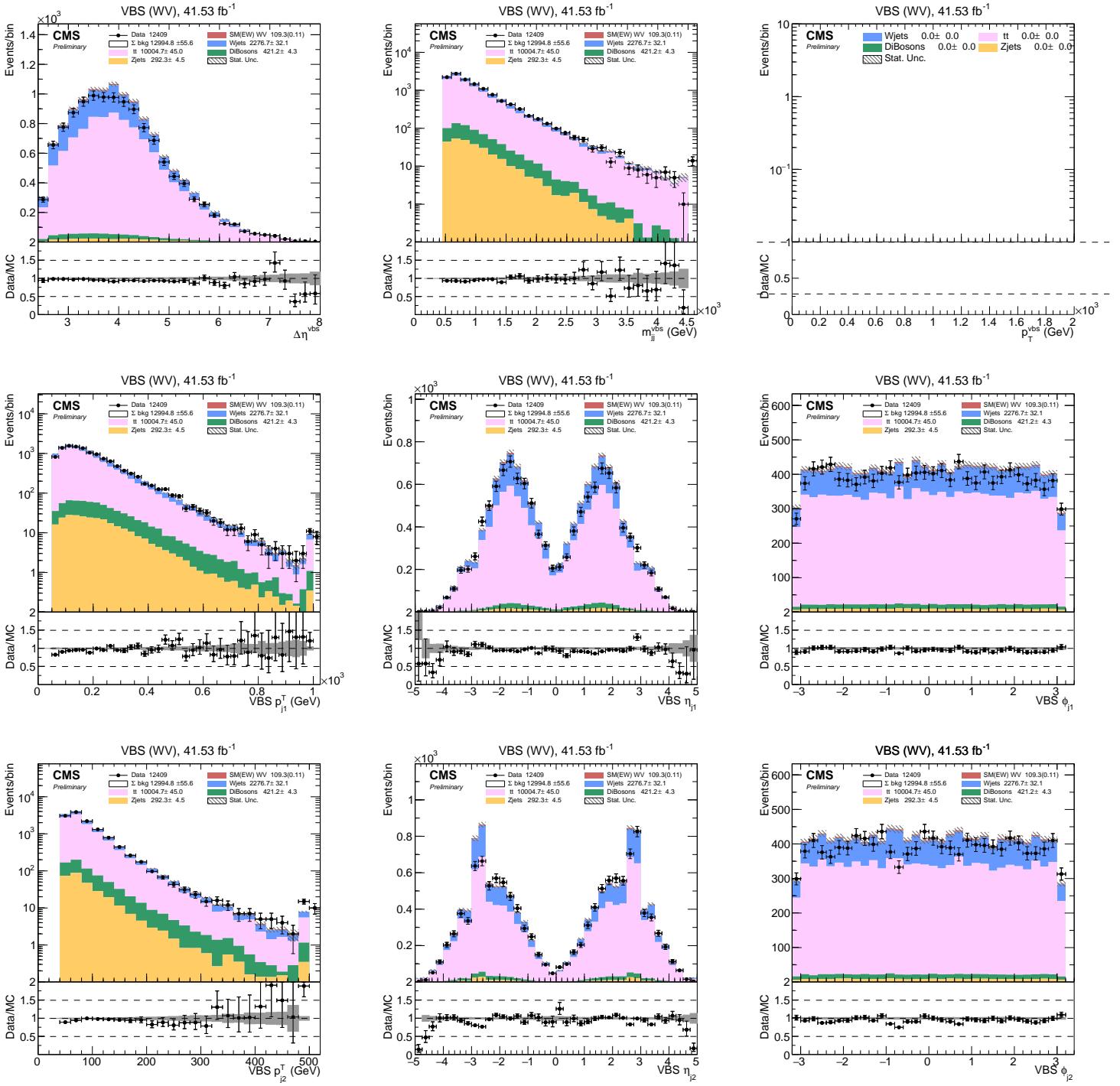


Figure 26: 2017 plot of c3 variables using cut: “Top_CR”

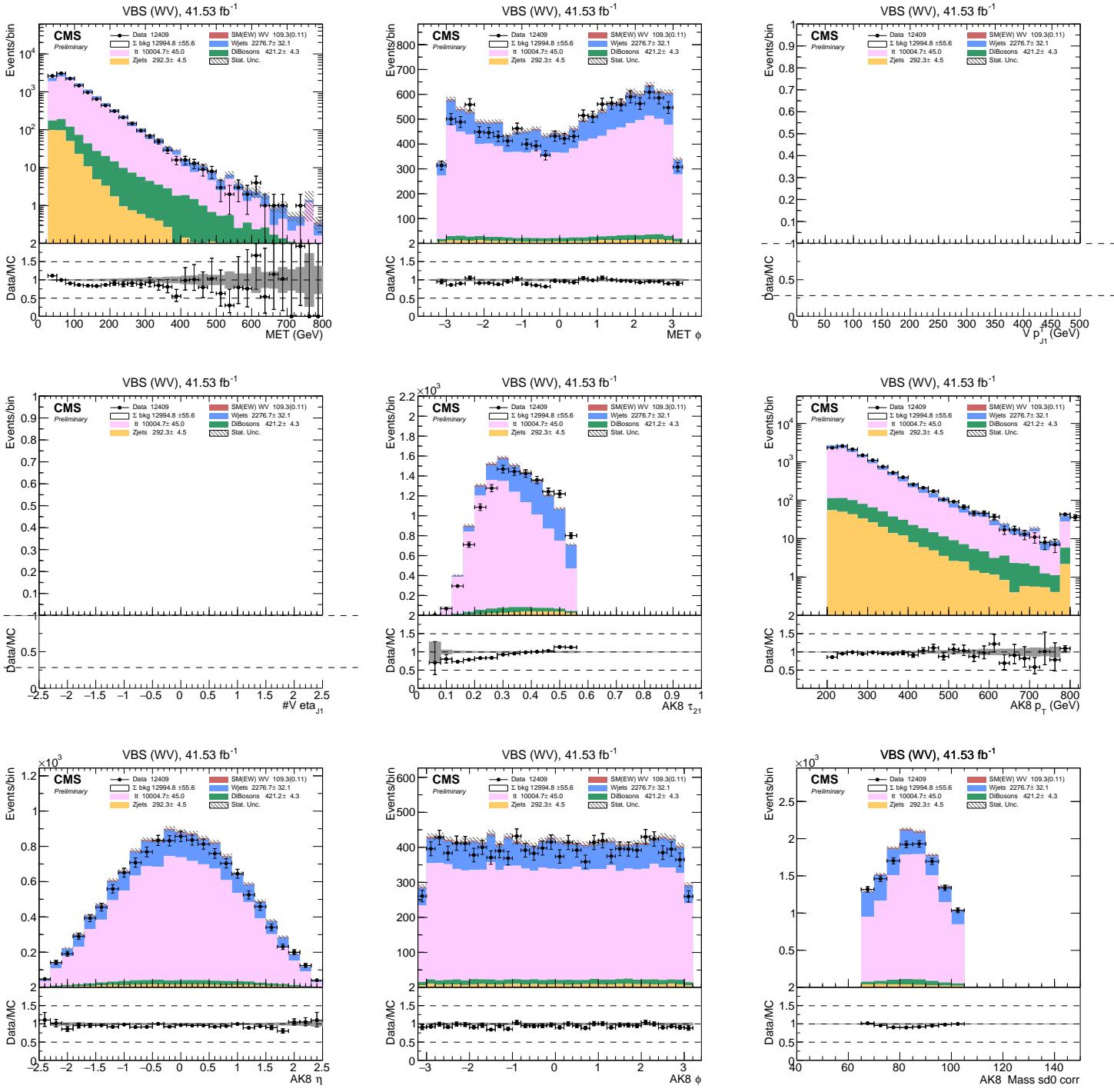
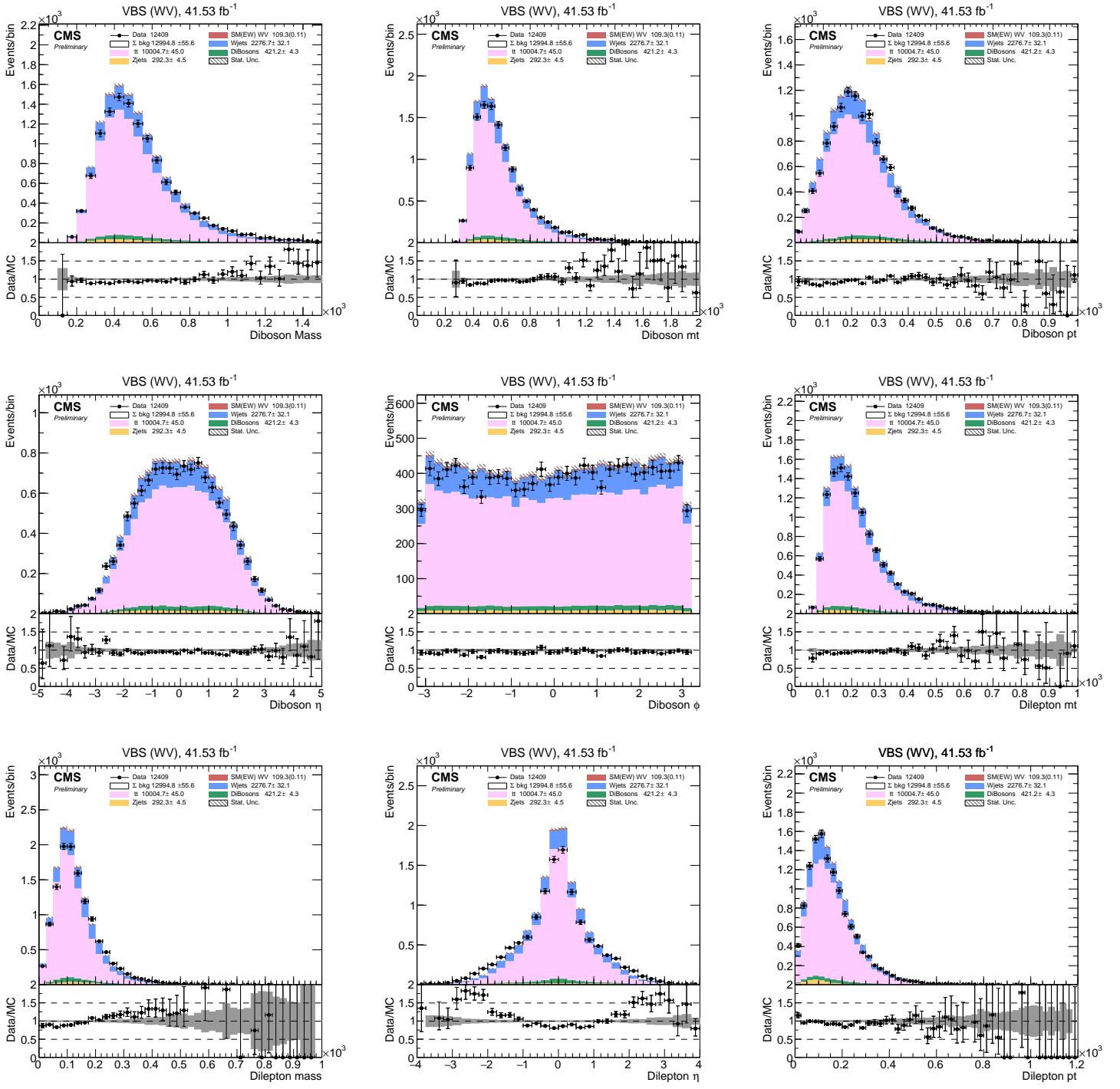


Figure 27: 2017 plot of c4 variables using cut: “Top_CR”



Wjets_CR

Figure 28: 2017 plot of c1 variables using cut: “Wjets_CR”

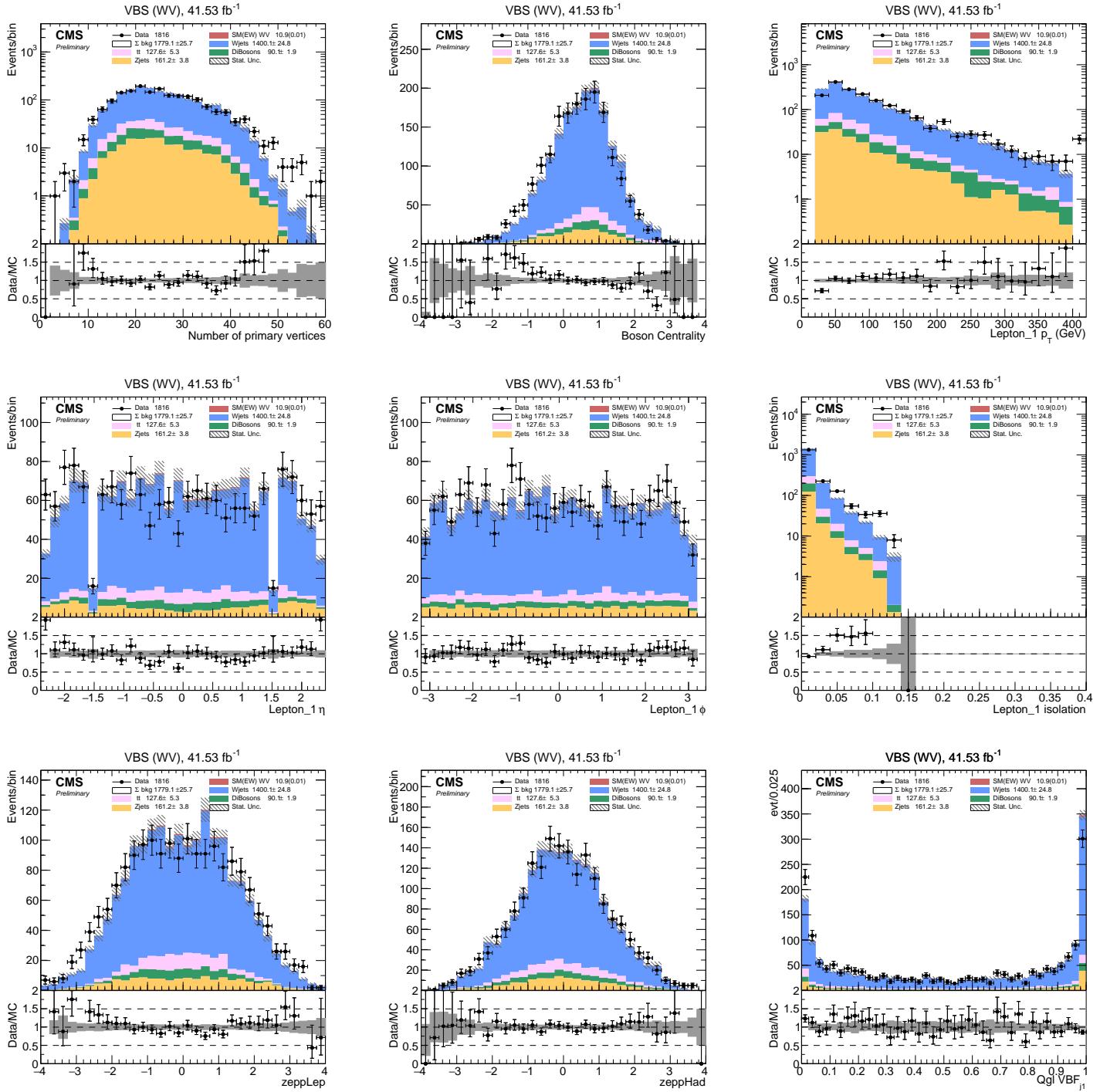


Figure 29: 2017 plot of c2 variables using cut: “Wjets_CR”

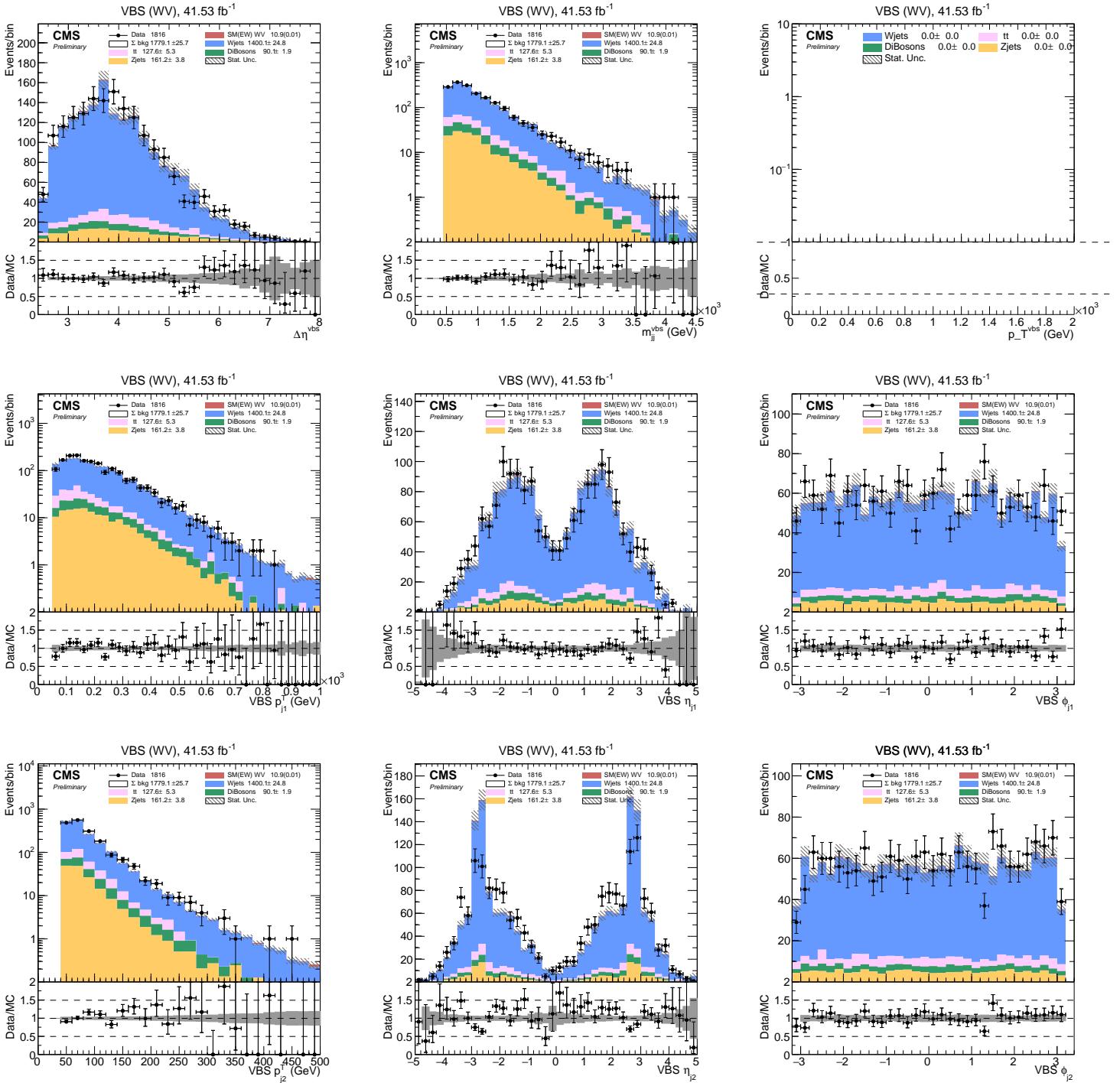


Figure 30: 2017 plot of c3 variables using cut: “Wjets_CR”

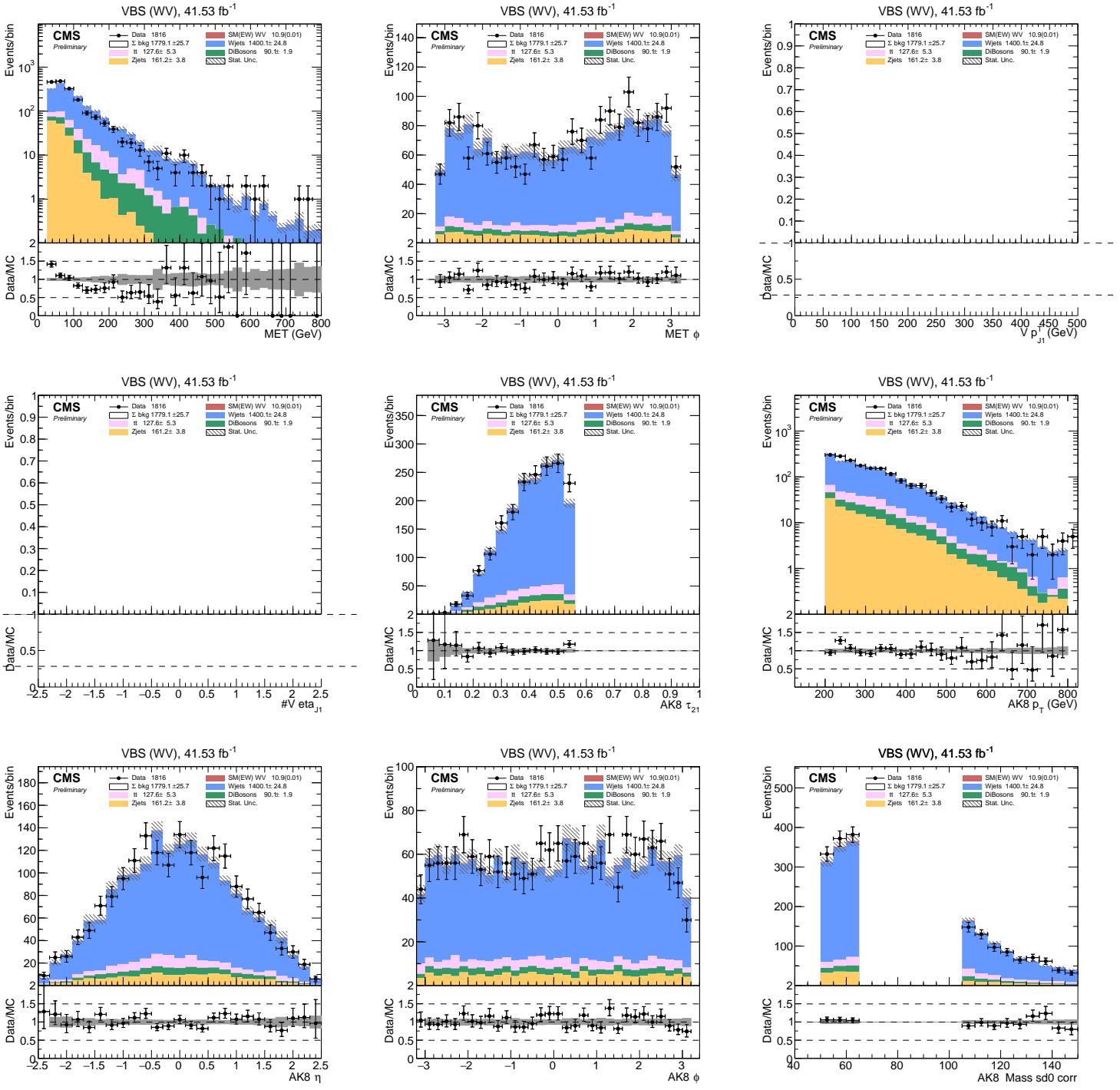
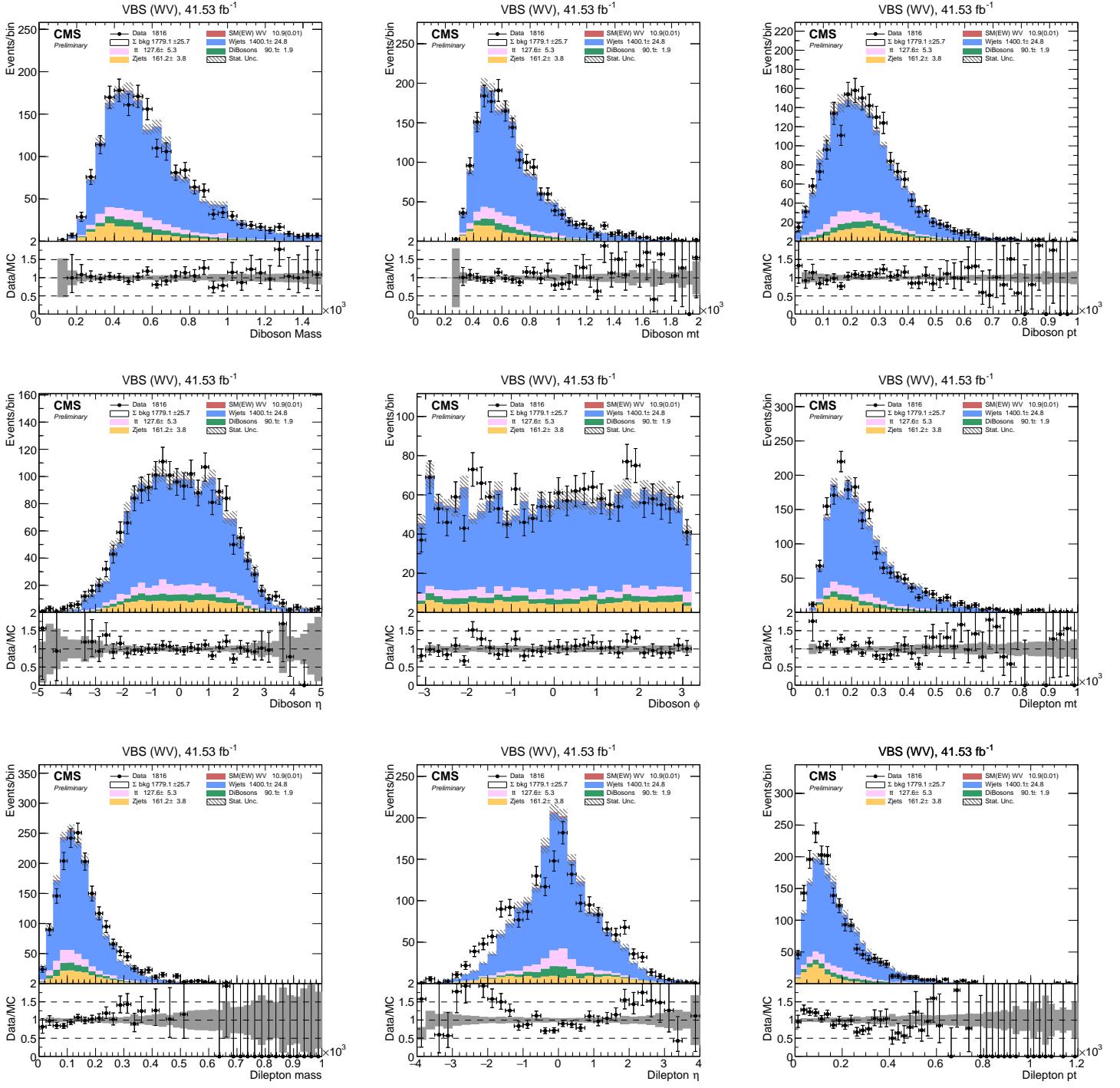


Figure 31: 2017 plot of c4 variables using cut: “Wjets_CR”



2018

Full_SR

Figure 32: 2018 plot of c1 variables using cut: “Full_SR”

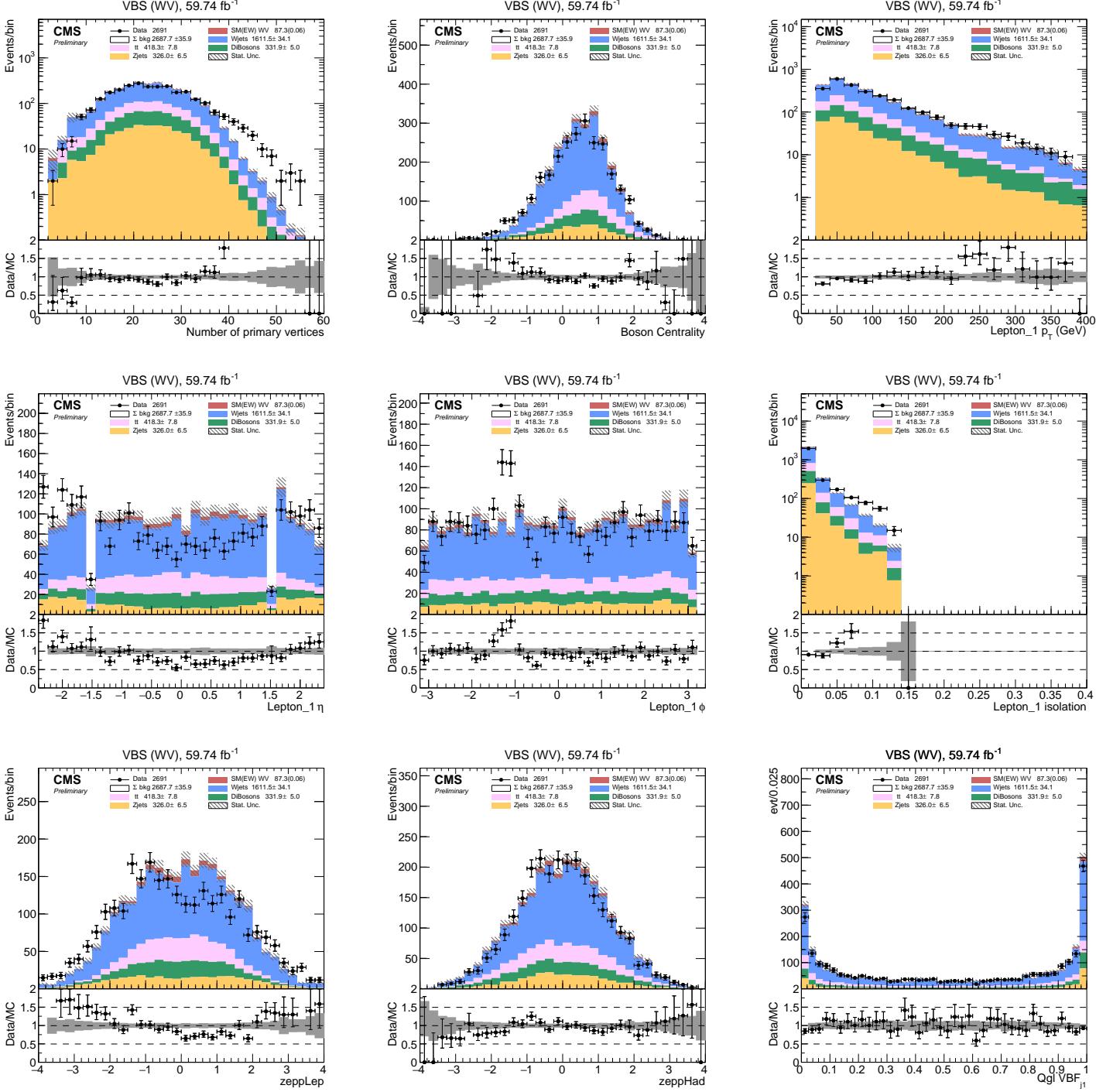


Figure 33: 2018 plot of c2 variables using cut: “Full_SR”

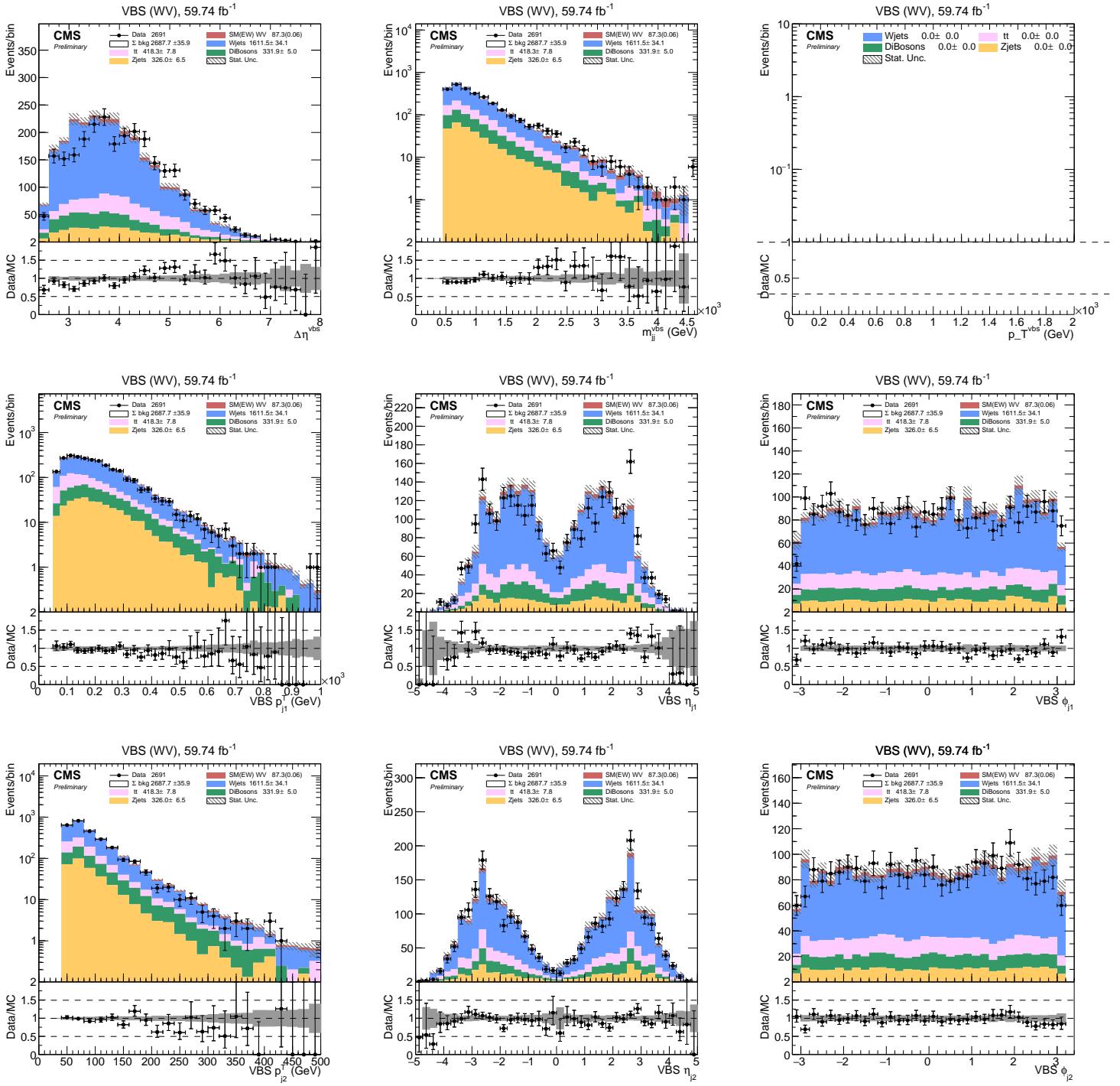


Figure 34: 2018 plot of c3 variables using cut: “Full_SR”

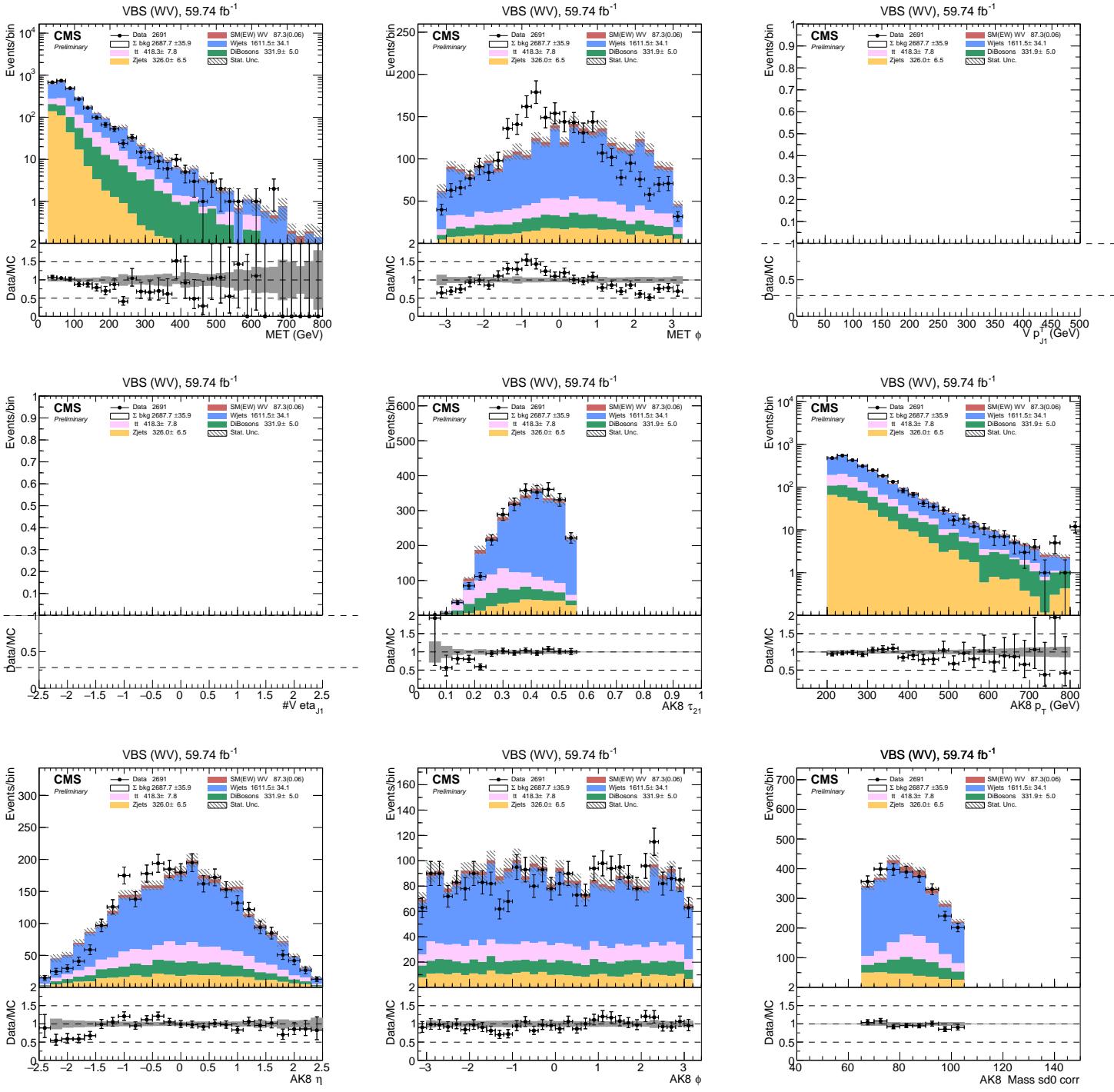
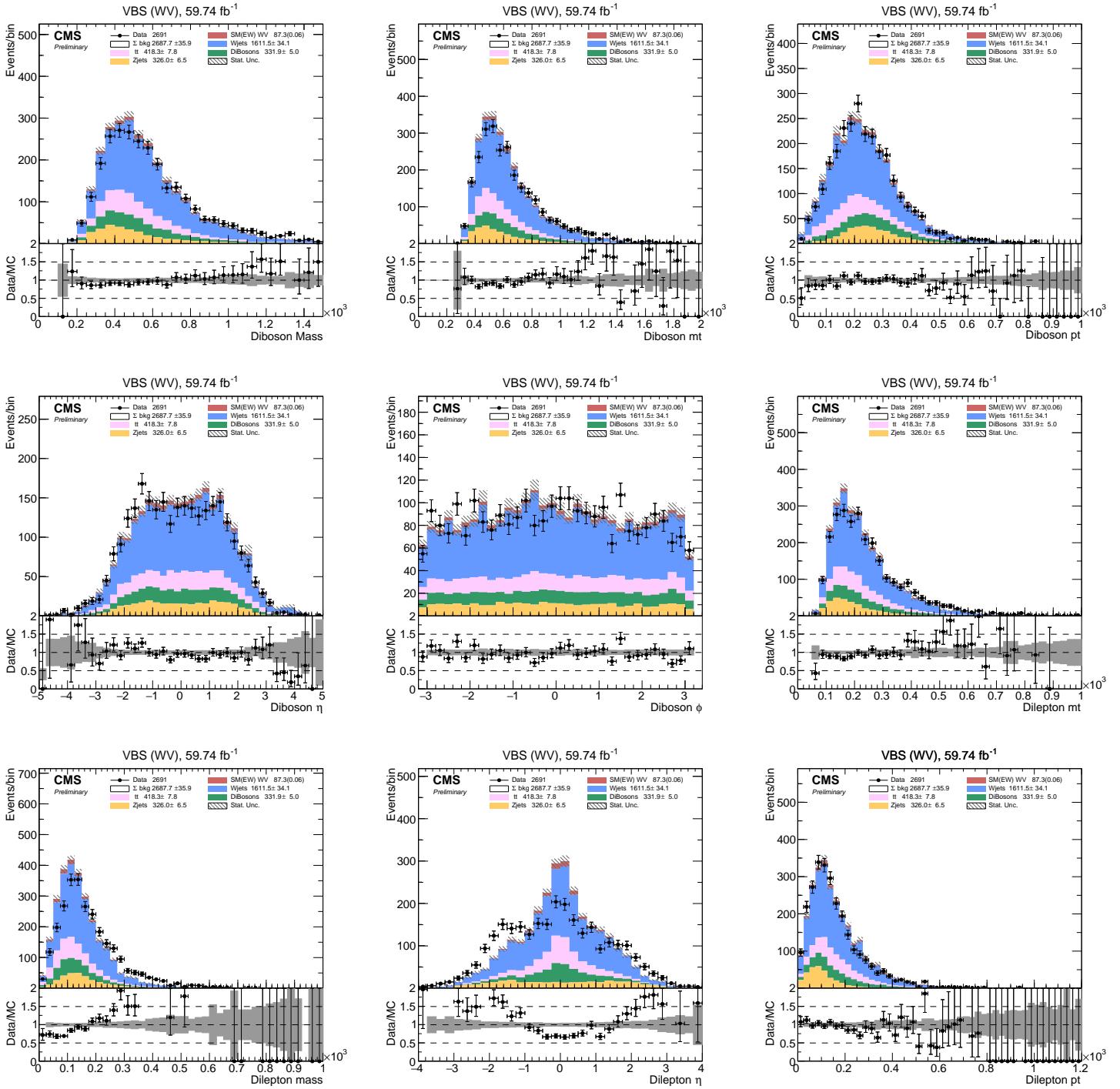


Figure 35: 2018 plot of c4 variables using cut: “Full_SR”



Top_CR

Figure 36: 2018 plot of c1 variables using cut: “Top_CR”

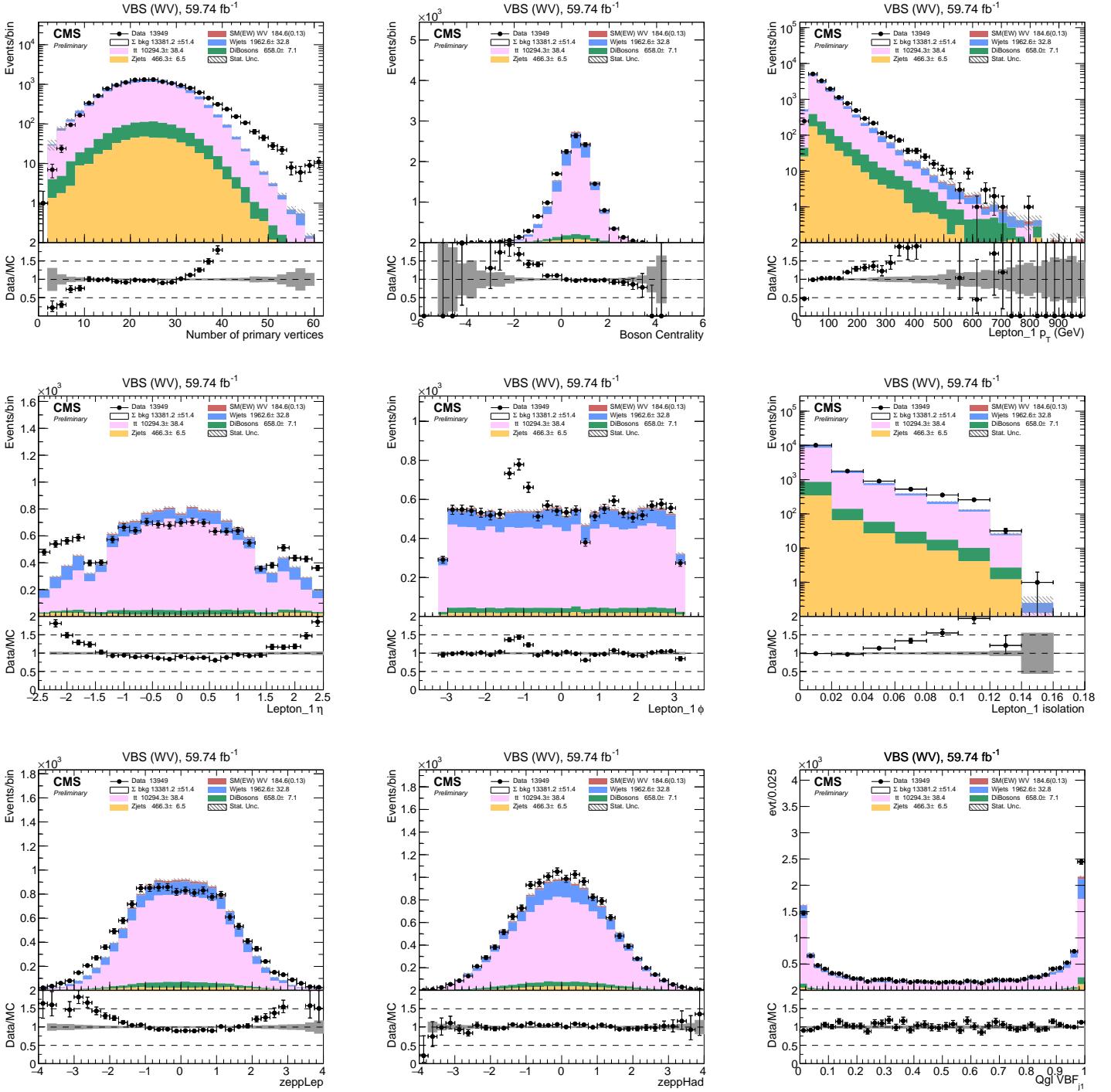


Figure 37: 2018 plot of c2 variables using cut: “Top_CR”

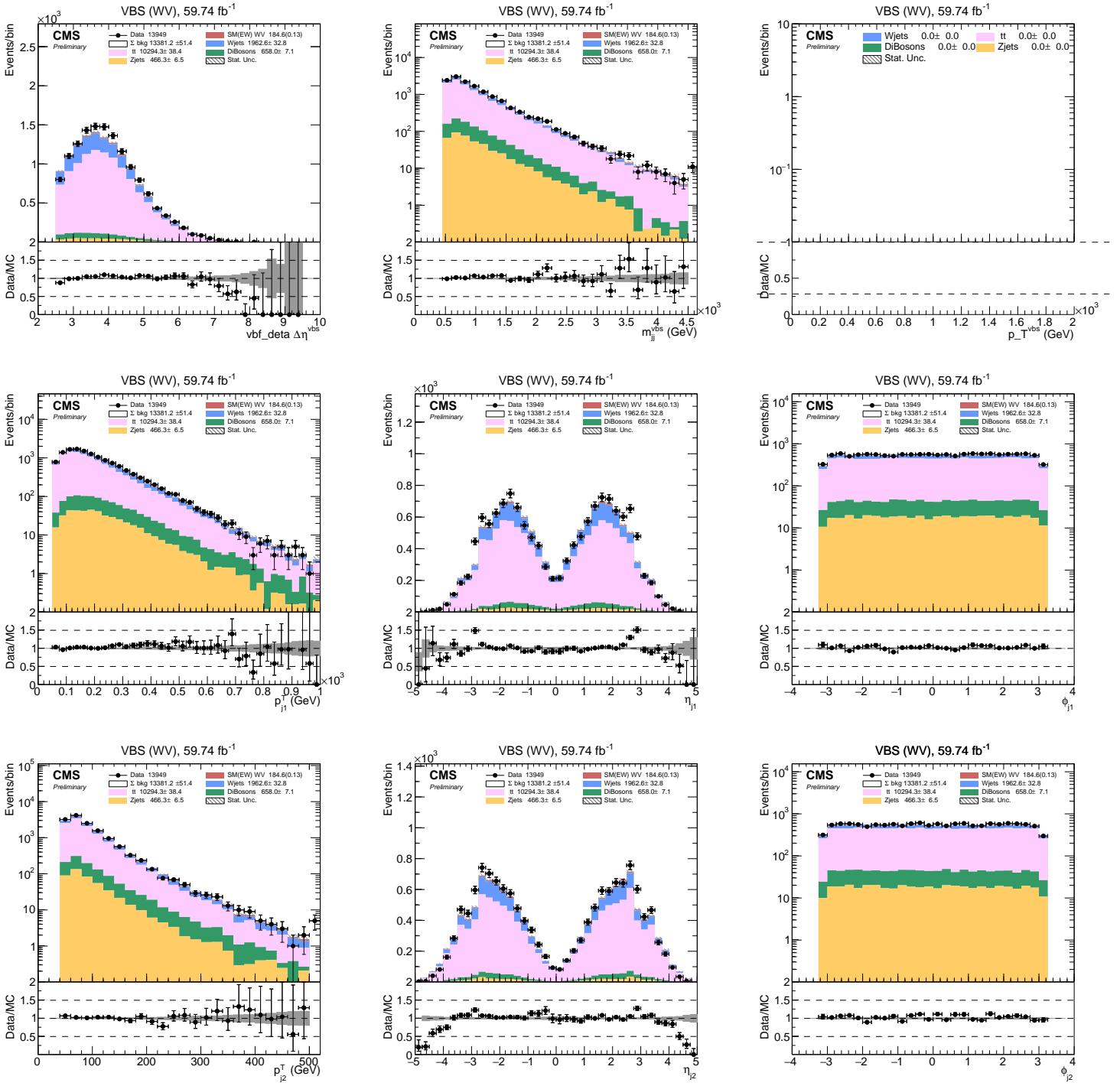


Figure 38: 2018 plot of c3 variables using cut: “Top_CR”

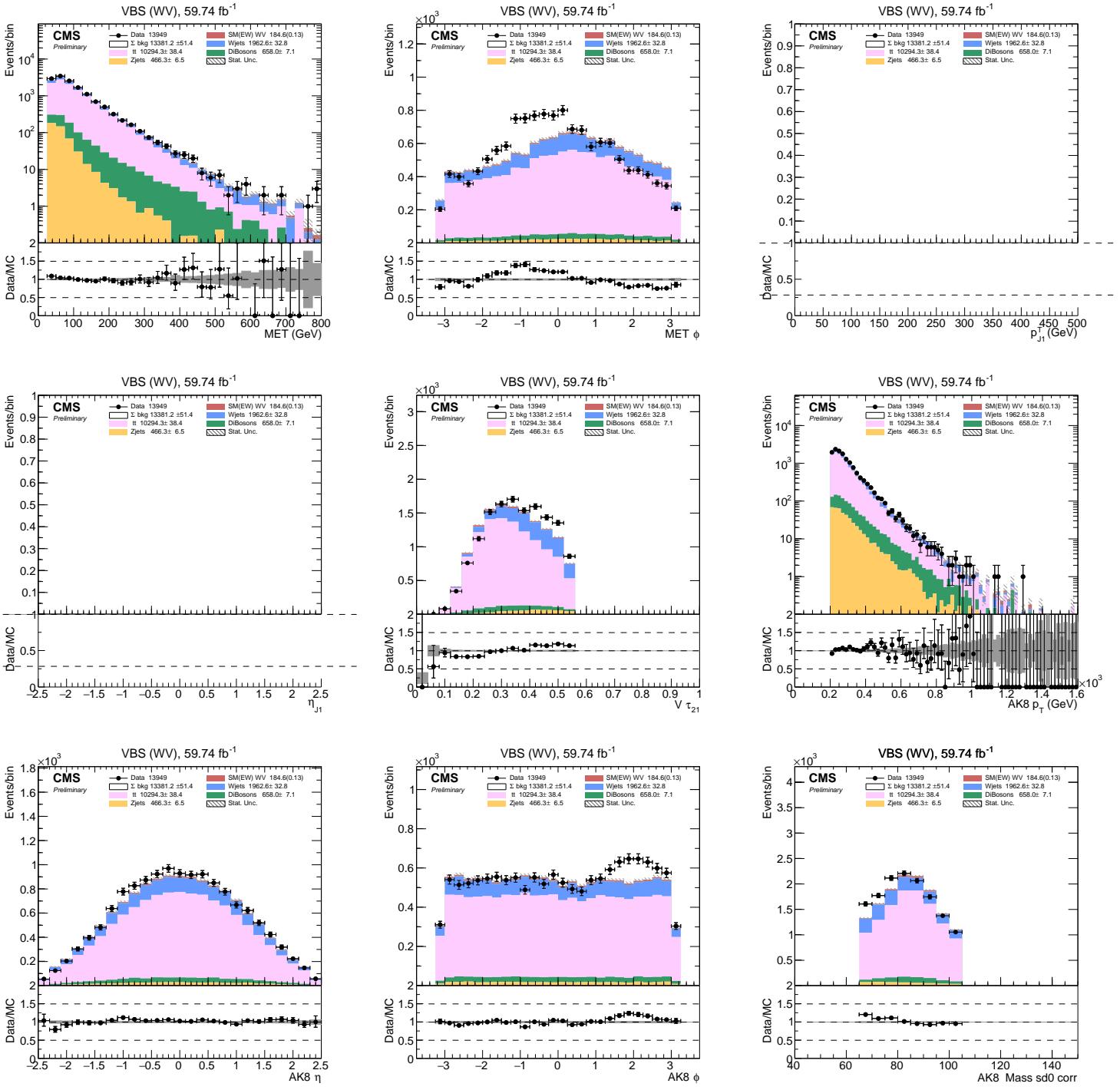
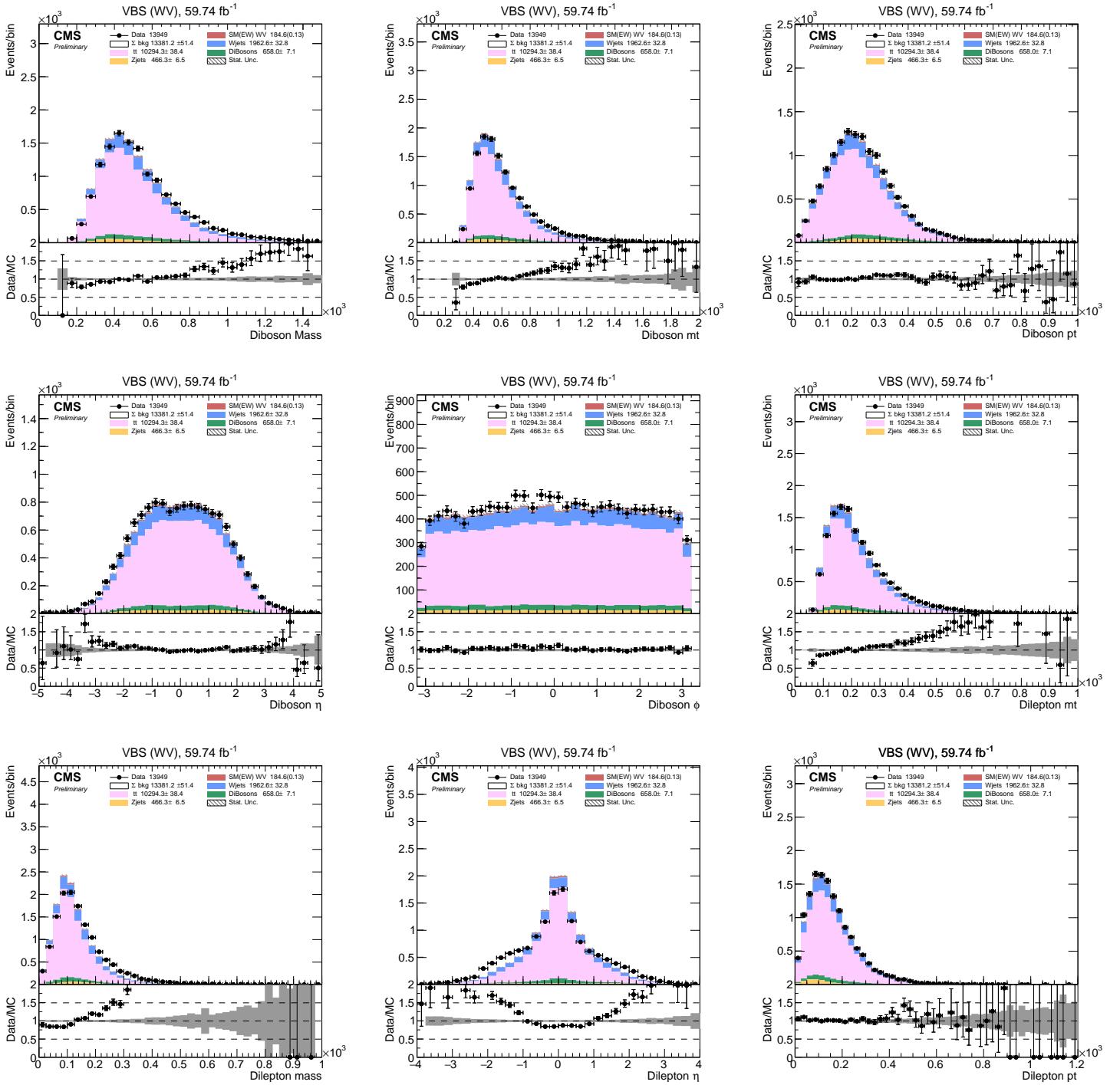


Figure 39: 2018 plot of c4 variables using cut: “Top_CR”



Wjets_CR

Figure 40: 2018 plot of c1 variables using cut: “Wjets_CR”

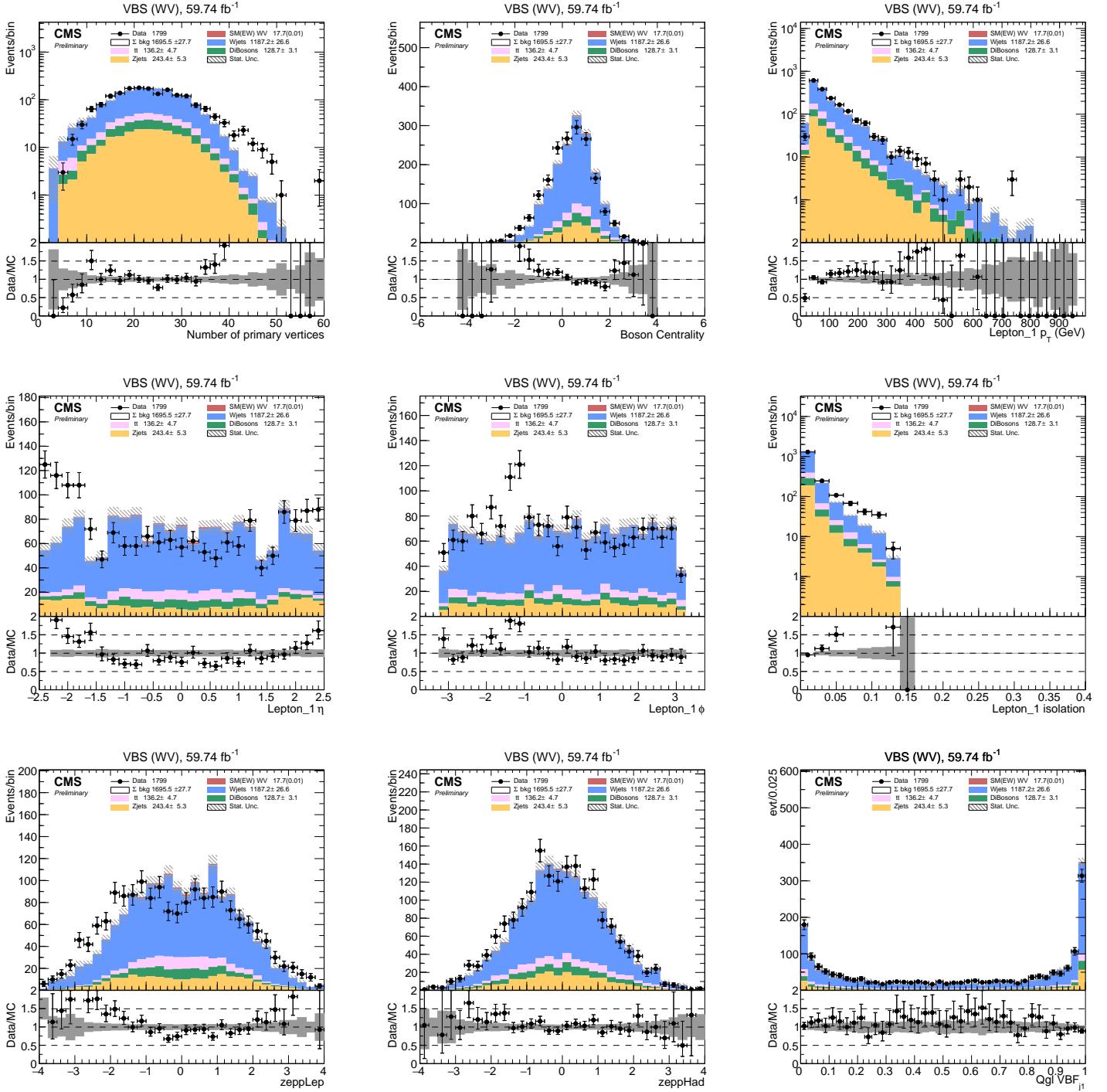


Figure 41: 2018 plot of c2 variables using cut: “Wjets_CR”

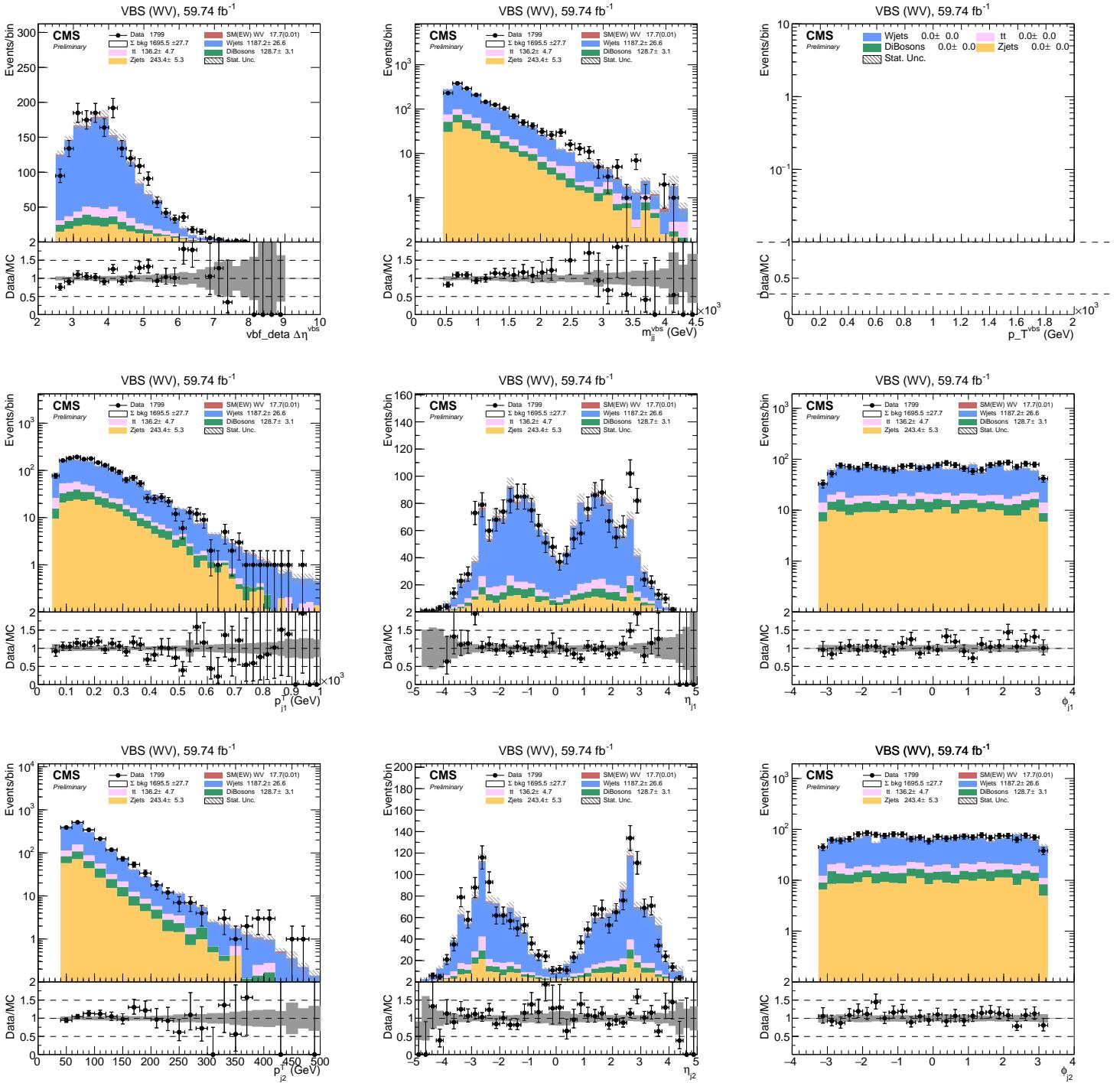


Figure 42: 2018 plot of c3 variables using cut: “Wjets_CR”

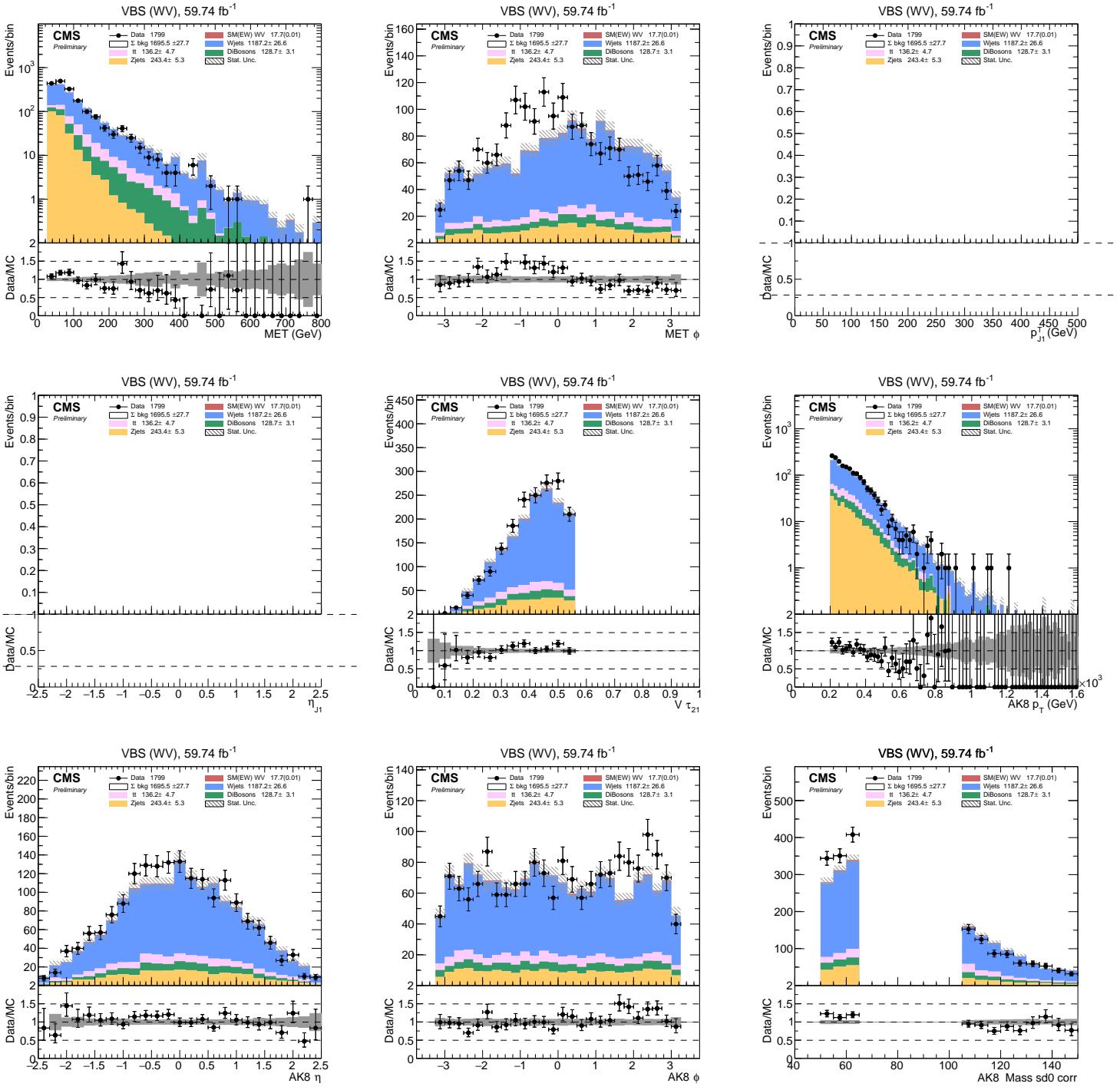


Figure 43: 2018 plot of c4 variables using cut: “Wjets_CR”

