

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: "test" | 5 |
| 5 | 2016 plot of c2 variables using cut: "test" | 6 |
| 6 | 2016 plot of c3 variables using cut: "test" | 7 |
| 7 | 2016 plot of c1 variables using cut: "Full_SR" | 8 |
| 8 | 2016 plot of c2 variables using cut: "Full_SR" | 9 |
| 9 | 2016 plot of c3 variables using cut: "Full_SR" | 10 |
| 10 | 2016 plot of c1 variables using cut: "Full_Top_CR" | 11 |
| 11 | 2016 plot of c2 variables using cut: "Full_Top_CR" | 12 |
| 12 | 2016 plot of c3 variables using cut: "Full_Top_CR" | 13 |
| 13 | 2016 plot of c1 variables using cut: "Full_WV_SR" | 14 |
| 14 | 2016 plot of c2 variables using cut: "Full_WV_SR" | 15 |
| 15 | 2016 plot of c3 variables using cut: "Full_WV_SR" | 16 |
| 16 | 2016 plot of c1 variables using cut: "Full_Wjets_CR" | 17 |
| 17 | 2016 plot of c2 variables using cut: "Full_Wjets_CR" | 18 |
| 18 | 2016 plot of c3 variables using cut: "Full_Wjets_CR" | 19 |
| 19 | 2016 plot of c1 variables using cut: "Full_Wjets_CRscaled" | 20 |
| 20 | 2016 plot of c2 variables using cut: "Full_Wjets_CRscaled" | 21 |
| 21 | 2016 plot of c3 variables using cut: "Full_Wjets_CRscaled" | 22 |
| 22 | 2017 plot of c1 variables using cut: "test" | 23 |
| 23 | 2017 plot of c2 variables using cut: "test" | 24 |
| 24 | 2017 plot of c3 variables using cut: "test" | 25 |
| 25 | 2017 plot of c1 variables using cut: "Full_SR" | 26 |
| 26 | 2017 plot of c2 variables using cut: "Full_SR" | 27 |
| 27 | 2017 plot of c3 variables using cut: "Full_SR" | 28 |
| 28 | 2017 plot of c1 variables using cut: "Full_Top_CR" | 29 |
| 29 | 2017 plot of c2 variables using cut: "Full_Top_CR" | 30 |
| 30 | 2017 plot of c3 variables using cut: "Full_Top_CR" | 31 |
| 31 | 2017 plot of c1 variables using cut: "Full_WV_SR" | 32 |
| 32 | 2017 plot of c2 variables using cut: "Full_WV_SR" | 33 |
| 33 | 2017 plot of c3 variables using cut: "Full_WV_SR" | 34 |
| 34 | 2017 plot of c1 variables using cut: "Full_Wjets_CR" | 35 |
| 35 | 2017 plot of c2 variables using cut: "Full_Wjets_CR" | 36 |
| 36 | 2017 plot of c3 variables using cut: "Full_Wjets_CR" | 37 |
| 37 | 2017 plot of c1 variables using cut: "Full_Wjets_CRscaled" | 38 |
| 38 | 2017 plot of c2 variables using cut: "Full_Wjets_CRscaled" | 39 |
| 39 | 2017 plot of c3 variables using cut: "Full_Wjets_CRscaled" | 40 |
| 40 | 2018 plot of c1 variables using cut: "test" | 41 |
| 41 | 2018 plot of c2 variables using cut: "test" | 42 |
| 42 | 2018 plot of c3 variables using cut: "test" | 43 |
| 43 | 2018 plot of c1 variables using cut: "Full_SR" | 44 |
| 44 | 2018 plot of c2 variables using cut: "Full_SR" | 45 |
| 45 | 2018 plot of c3 variables using cut: "Full_SR" | 46 |
| 46 | 2018 plot of c1 variables using cut: "Full_Top_CR" | 47 |
| 47 | 2018 plot of c2 variables using cut: "Full_Top_CR" | 48 |
| 48 | 2018 plot of c3 variables using cut: "Full_Top_CR" | 49 |
| 49 | 2018 plot of c1 variables using cut: "Full_WV_SR" | 50 |
| 50 | 2018 plot of c2 variables using cut: "Full_WV_SR" | 51 |
| 51 | 2018 plot of c3 variables using cut: "Full_WV_SR" | 52 |
| 52 | 2018 plot of c1 variables using cut: "Full_Wjets_CR" | 53 |
| 53 | 2018 plot of c2 variables using cut: "Full_Wjets_CR" | 54 |
| 54 | 2018 plot of c3 variables using cut: "Full_Wjets_CR" | 55 |
| 55 | 2018 plot of c1 variables using cut: "Full_Wjets_CRscaled" | 56 |
| 56 | 2018 plot of c2 variables using cut: "Full_Wjets_CRscaled" | 57 |
| 57 | 2018 plot of c3 variables using cut: "Full_Wjets_CRscaled" | 58 |
| 58 | 2018 plot of c1 variables using cut: "Full_Top_CRscaled" | 59 |
| 59 | 2018 plot of c2 variables using cut: "Full_Top_CRscaled" | 60 |

0000

test

Figure 1: 0000 plot of c1 variables using cut: "test"

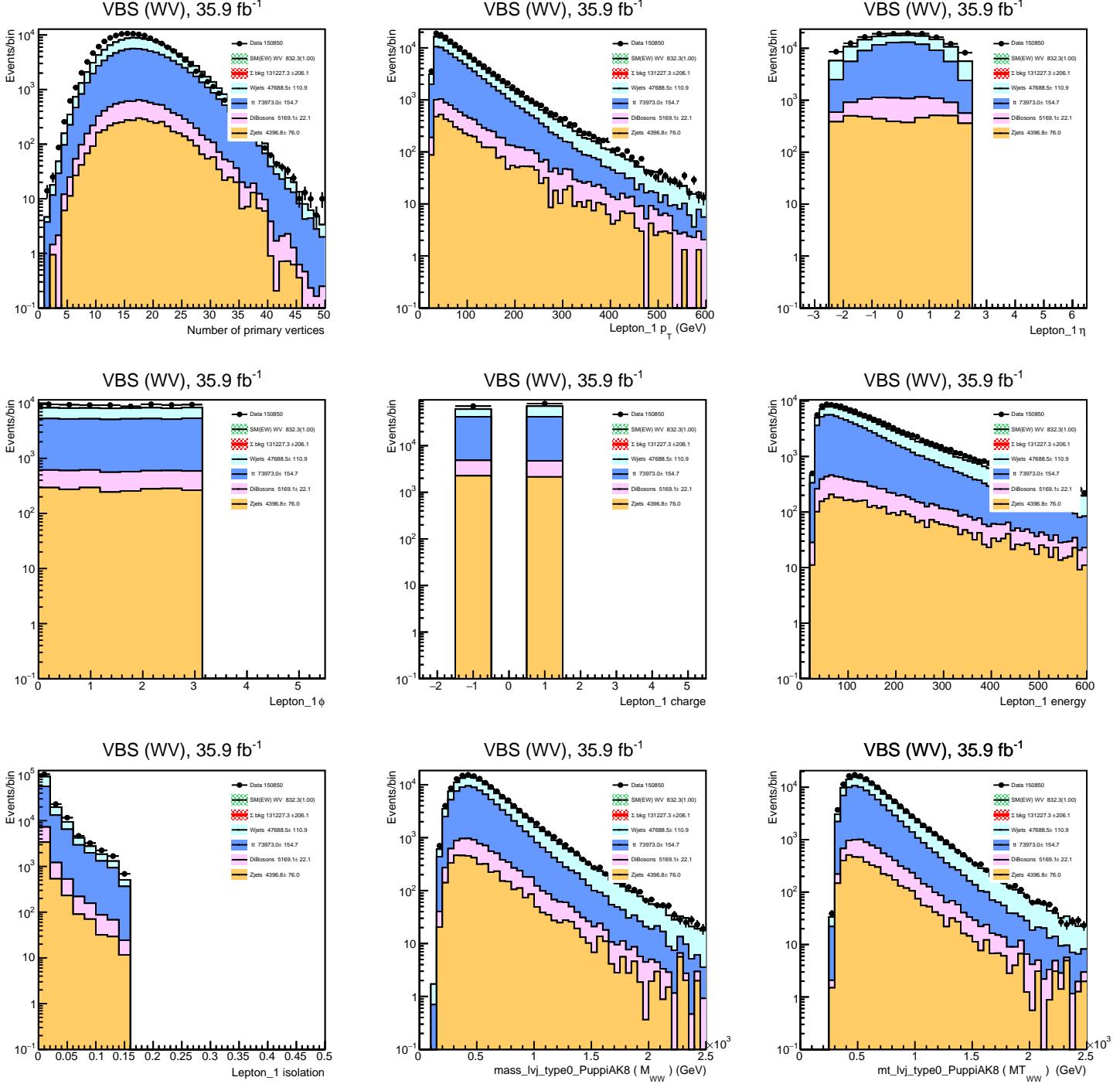


Figure 2: 0000 plot of c2 variables using cut: “test”

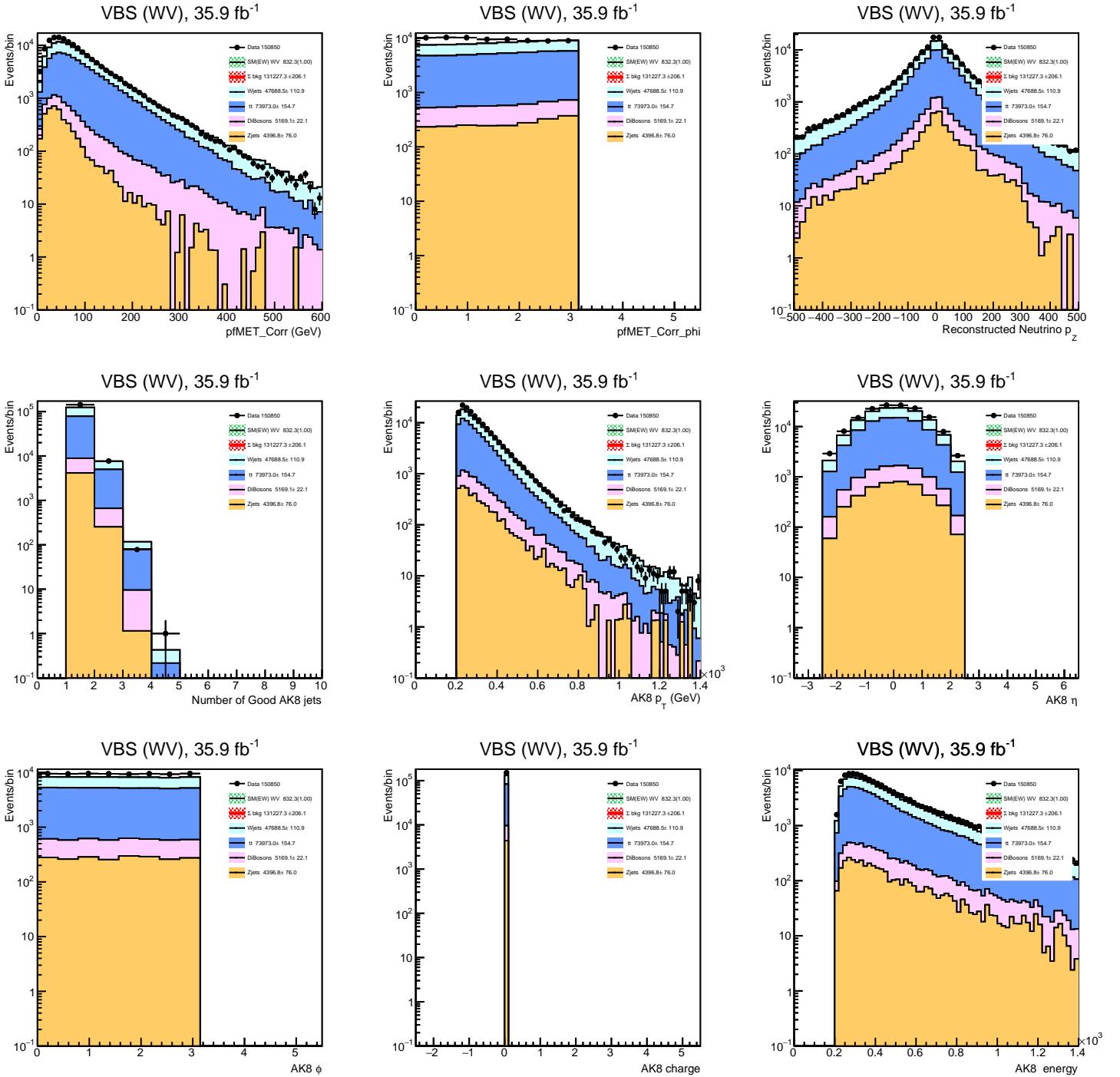
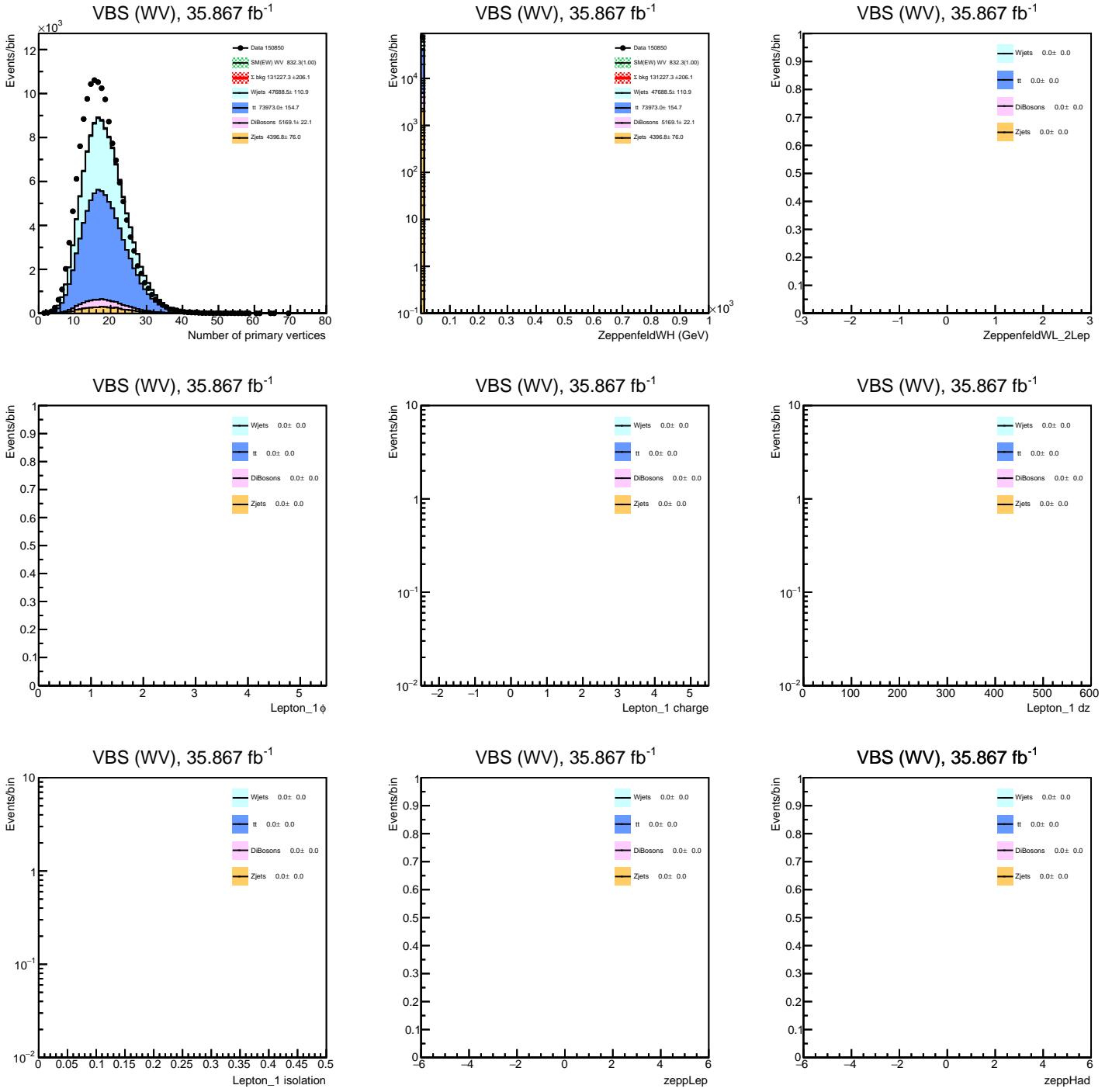


Figure 3: 0000 plot of c3 variables using cut: “test”



2016

test

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

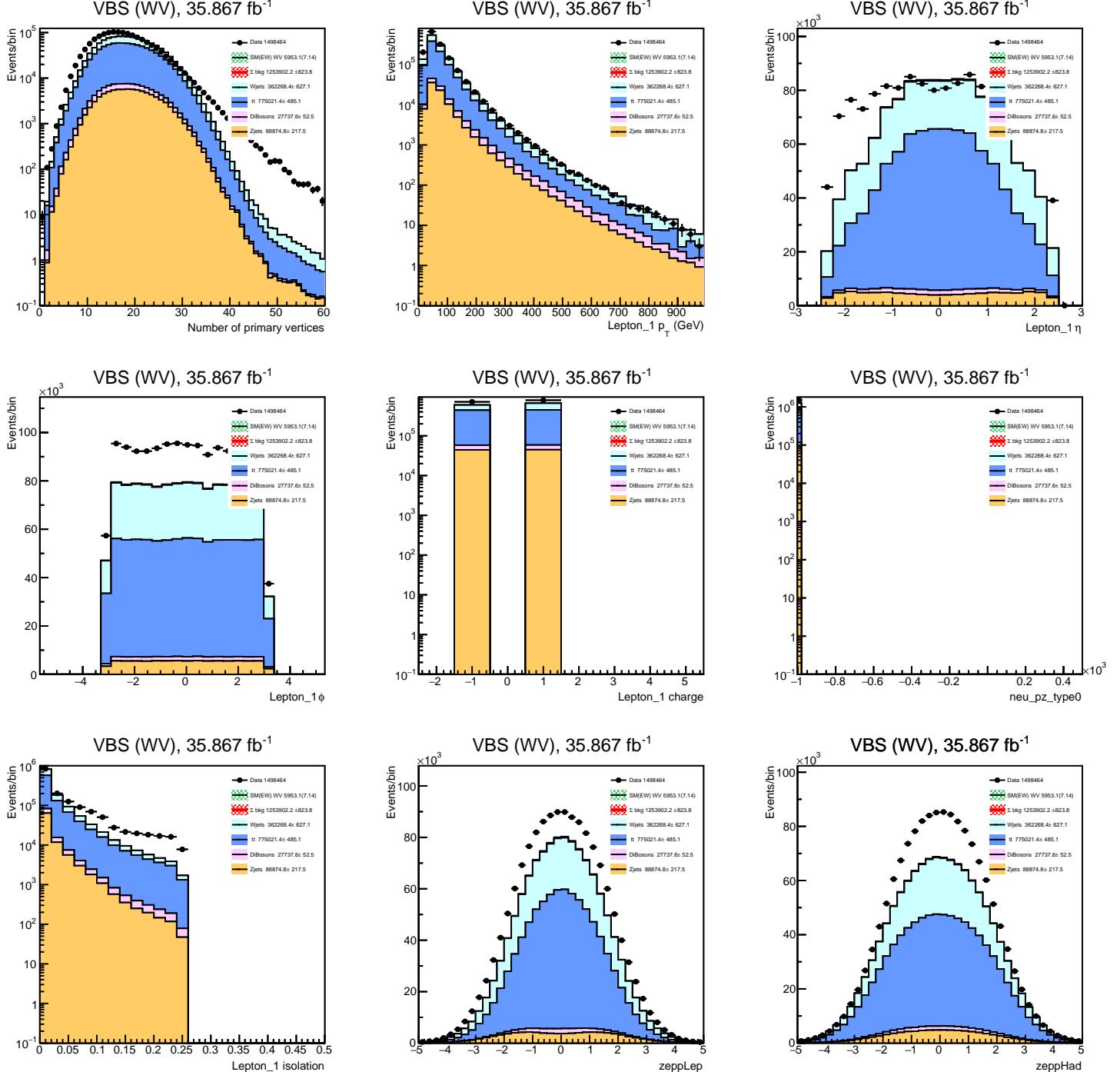


Figure 5: 2016 plot of c2 variables using cut: “test”

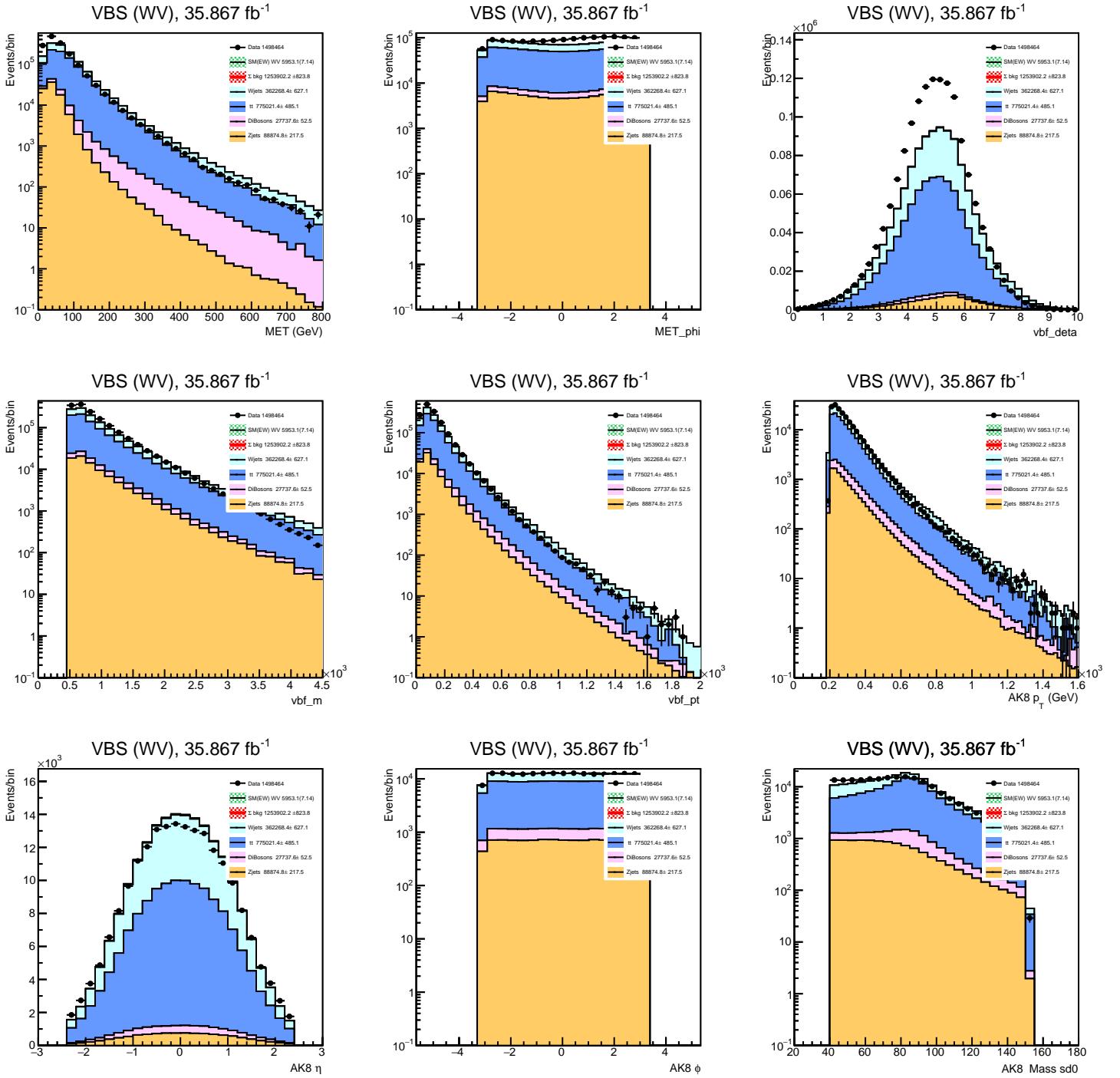
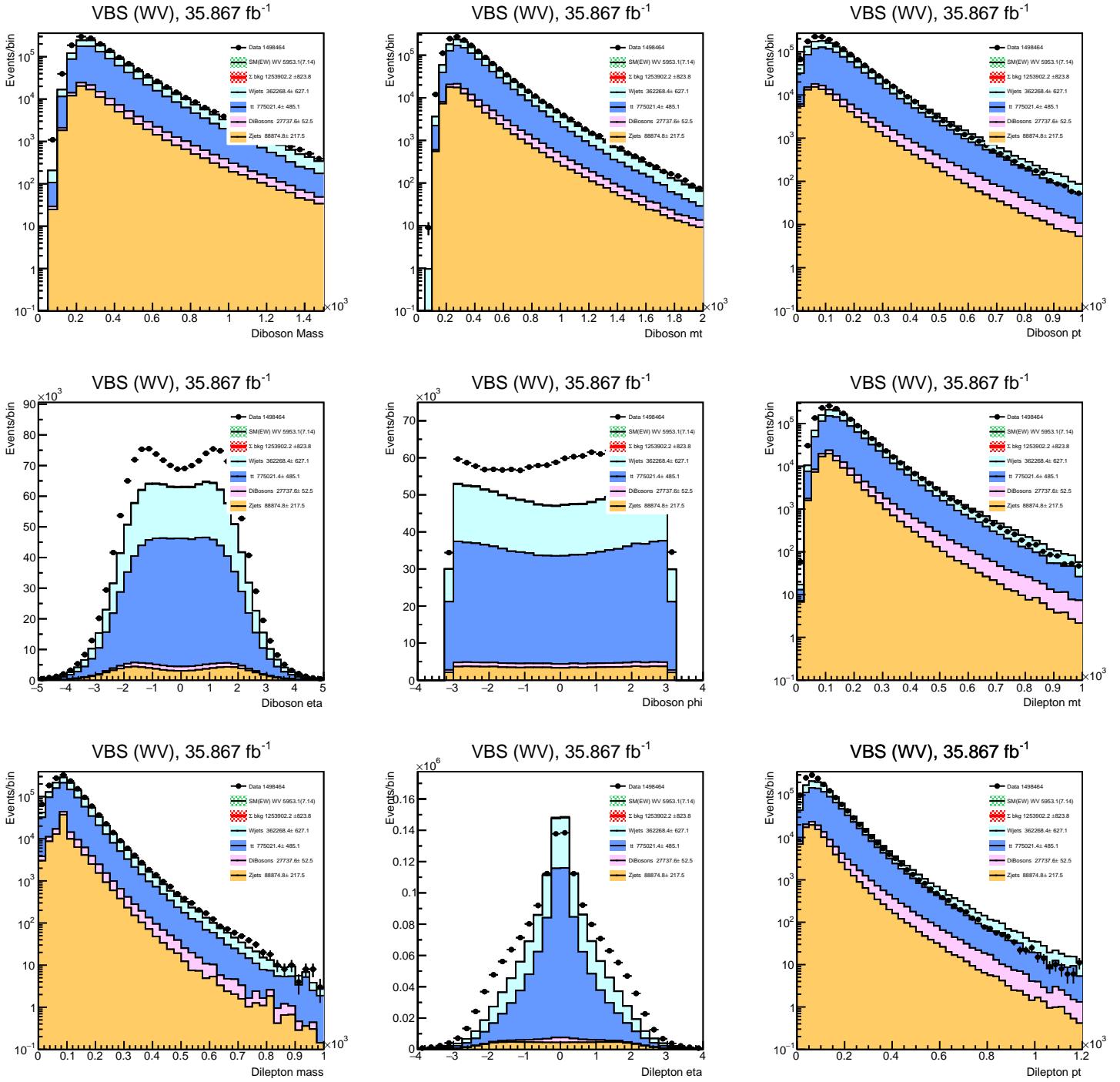


Figure 6: 2016 plot of c3 variables using cut: “test”



Full_SR

Figure 7: 2016 plot of c1 variables using cut: “Full_SR”

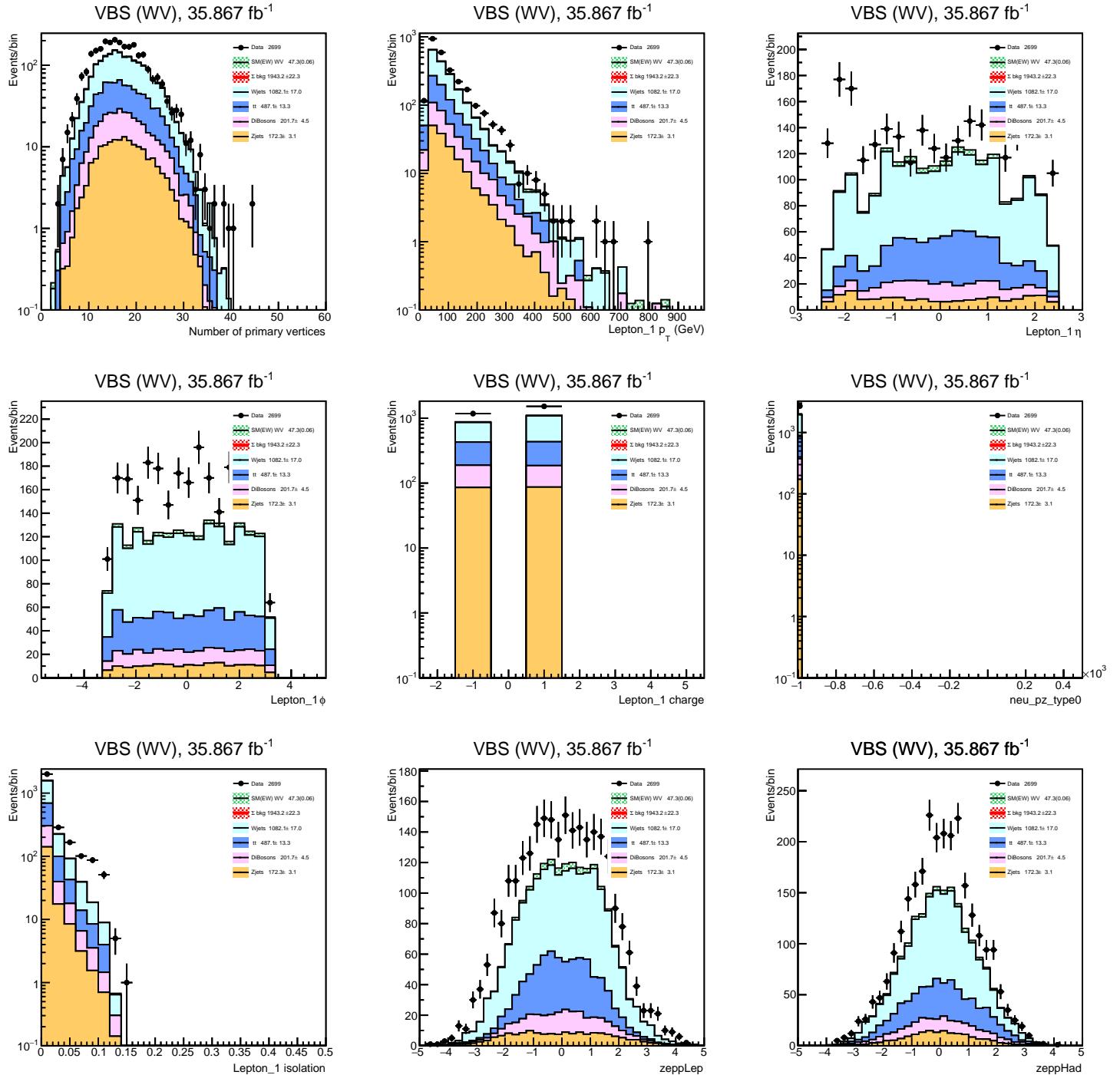


Figure 8: 2016 plot of c2 variables using cut: “Full_SR”

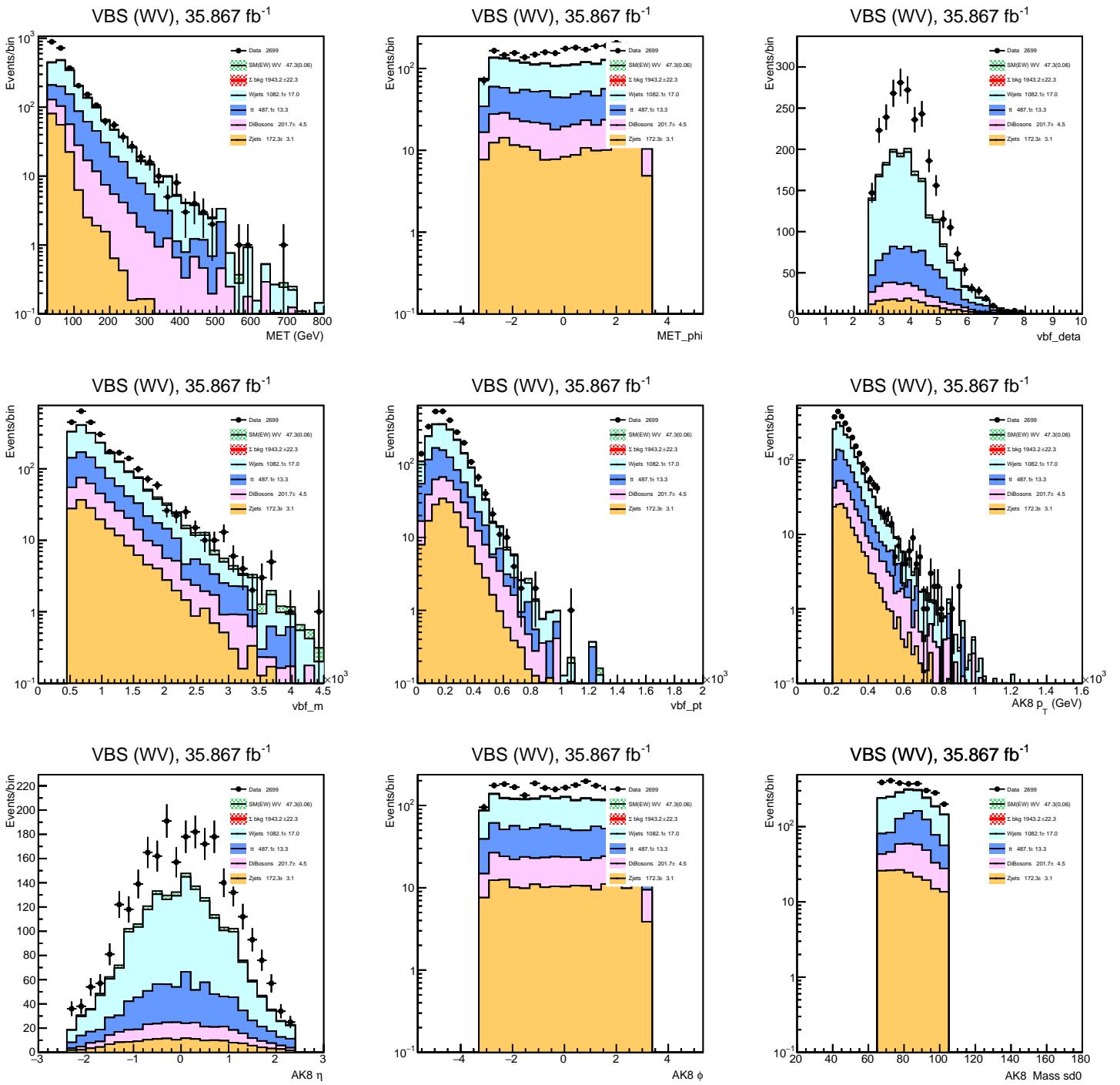
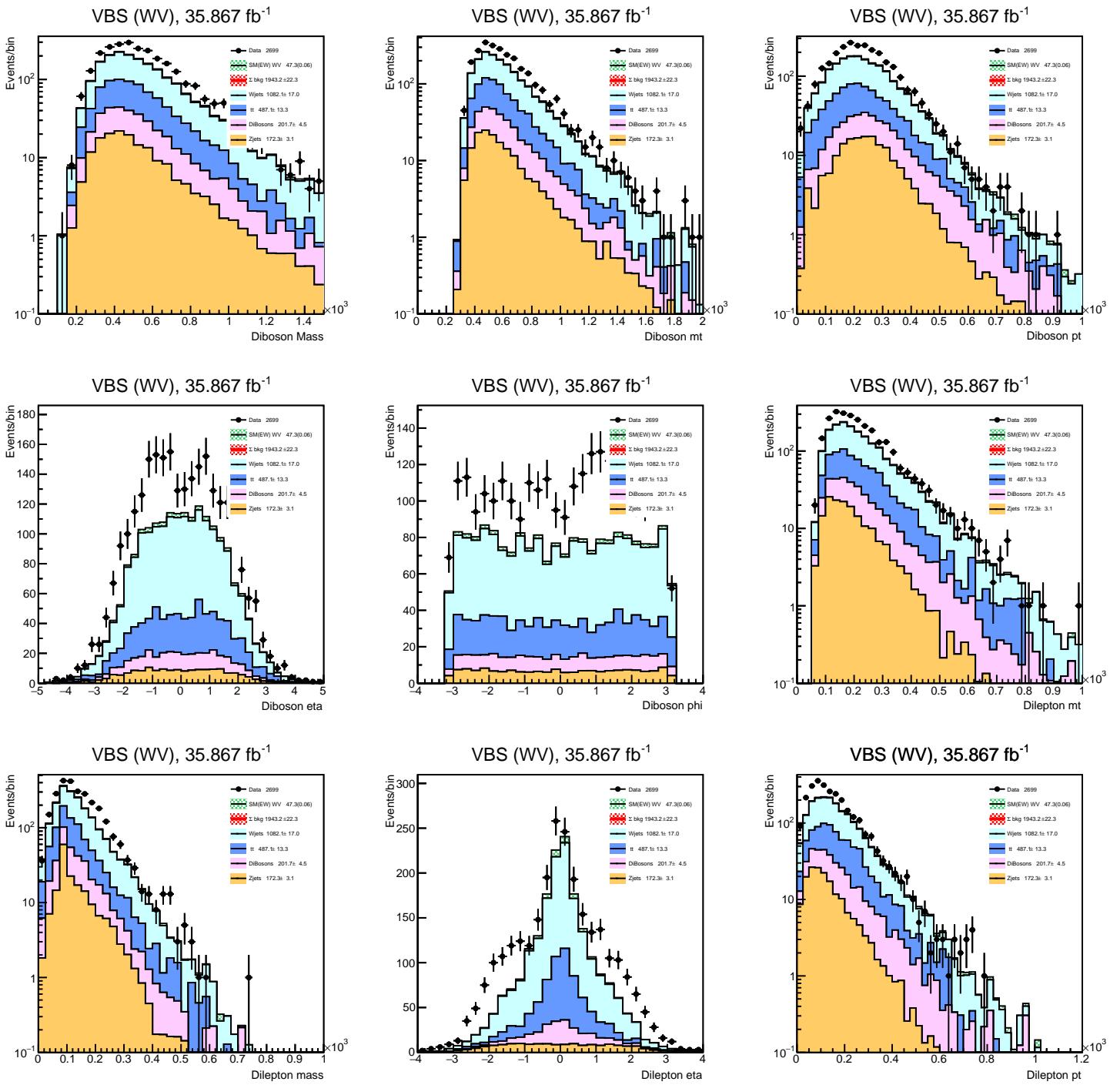


Figure 9: 2016 plot of c3 variables using cut: “Full_SR”



Full_Top_CR

Figure 10: 2016 plot of c1 variables using cut: “Full_Top_CR”

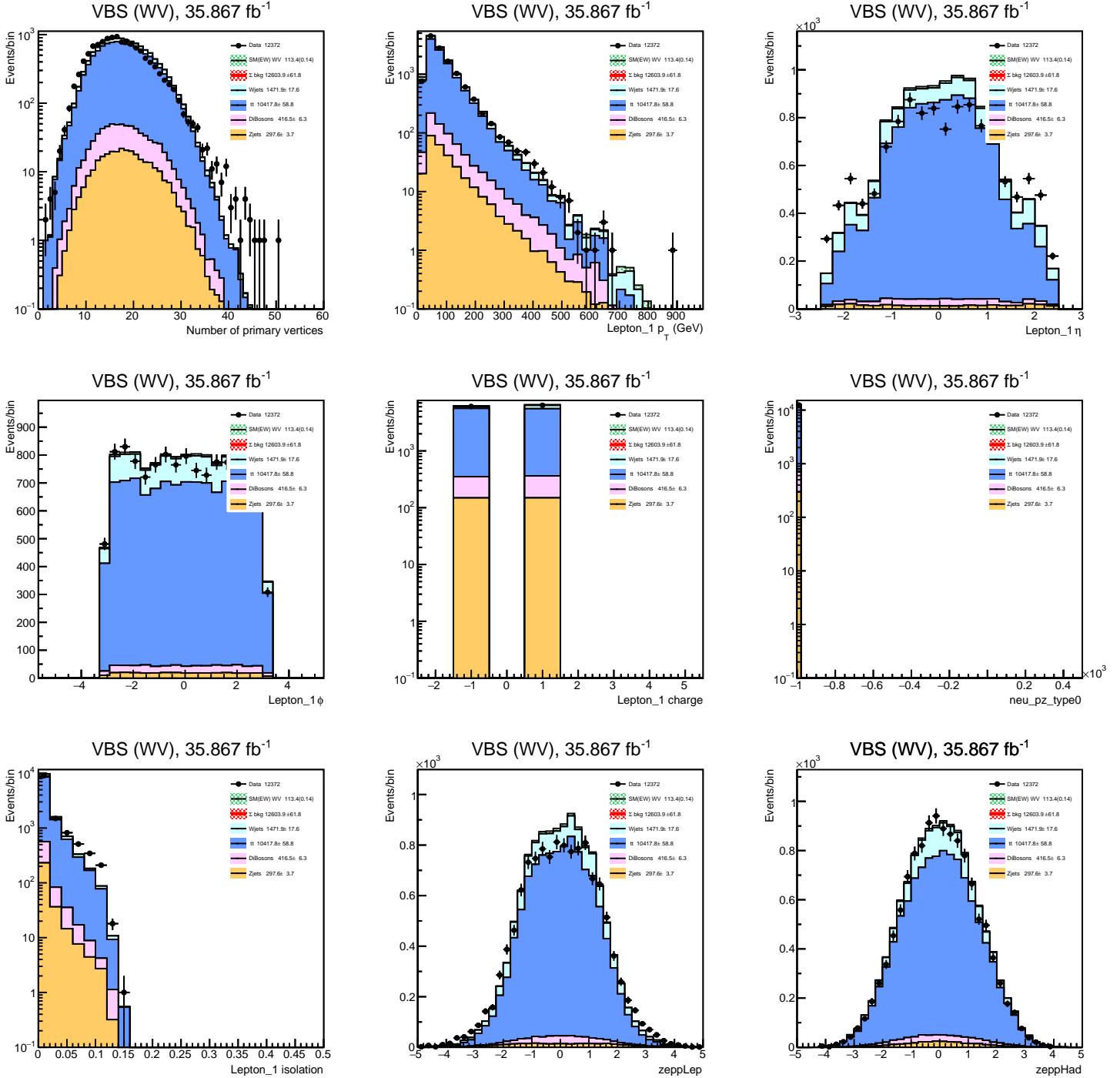


Figure 11: 2016 plot of c2 variables using cut: “Full_Top_CR”

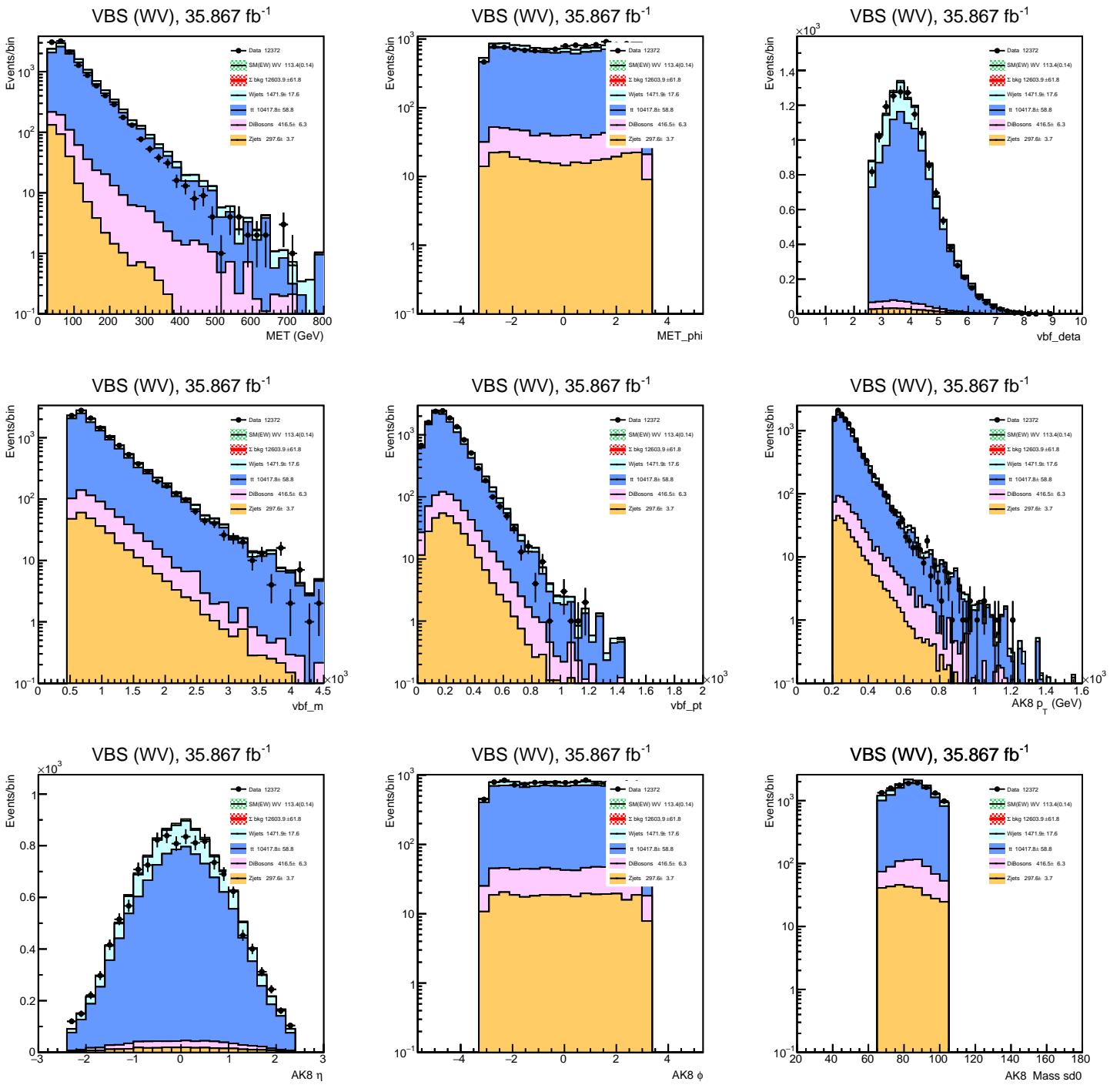
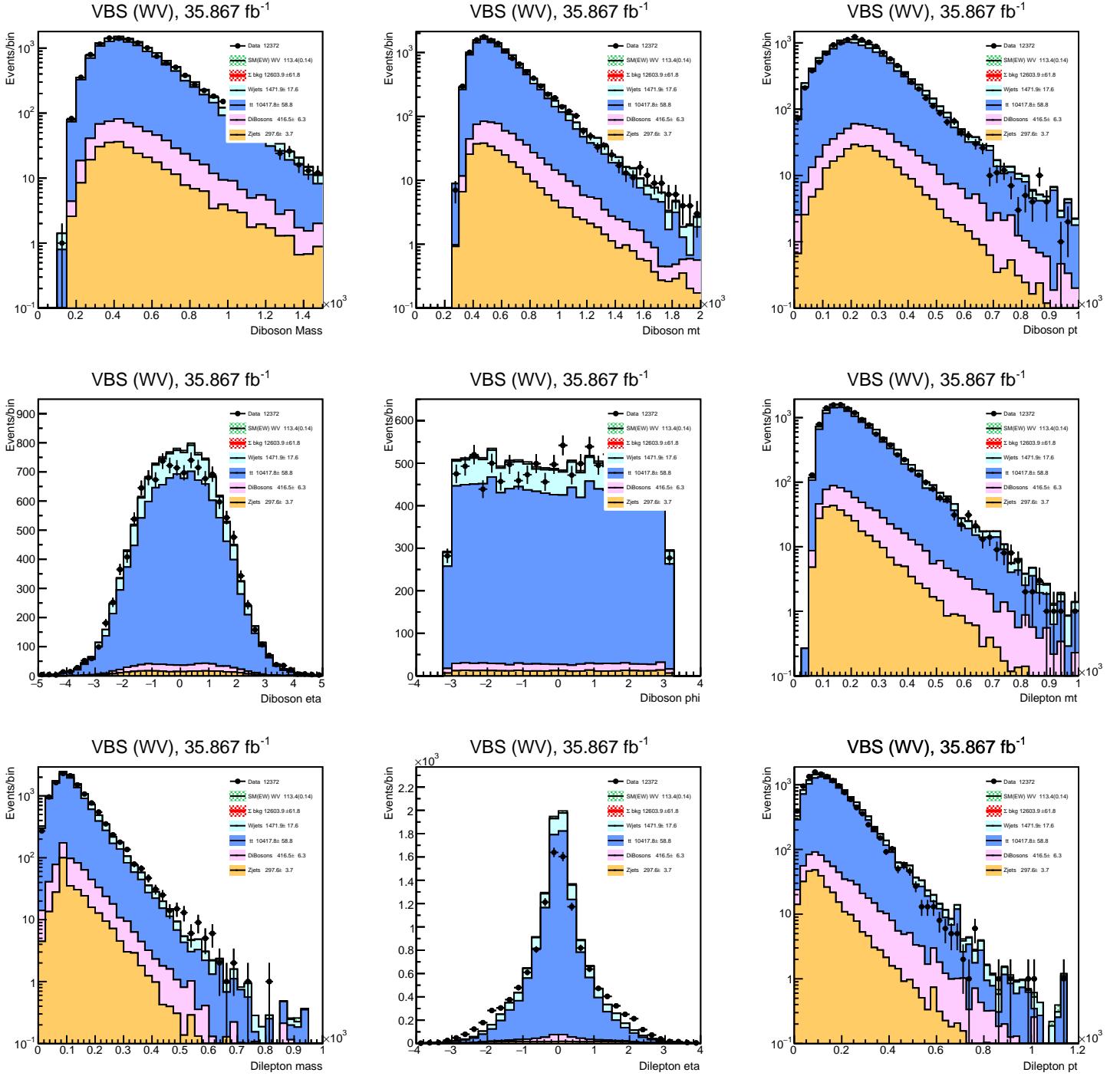


Figure 12: 2016 plot of c3 variables using cut: “Full_Top_CR”



Full_WV_SR

Figure 13: 2016 plot of c1 variables using cut: “Full_WV_SR”

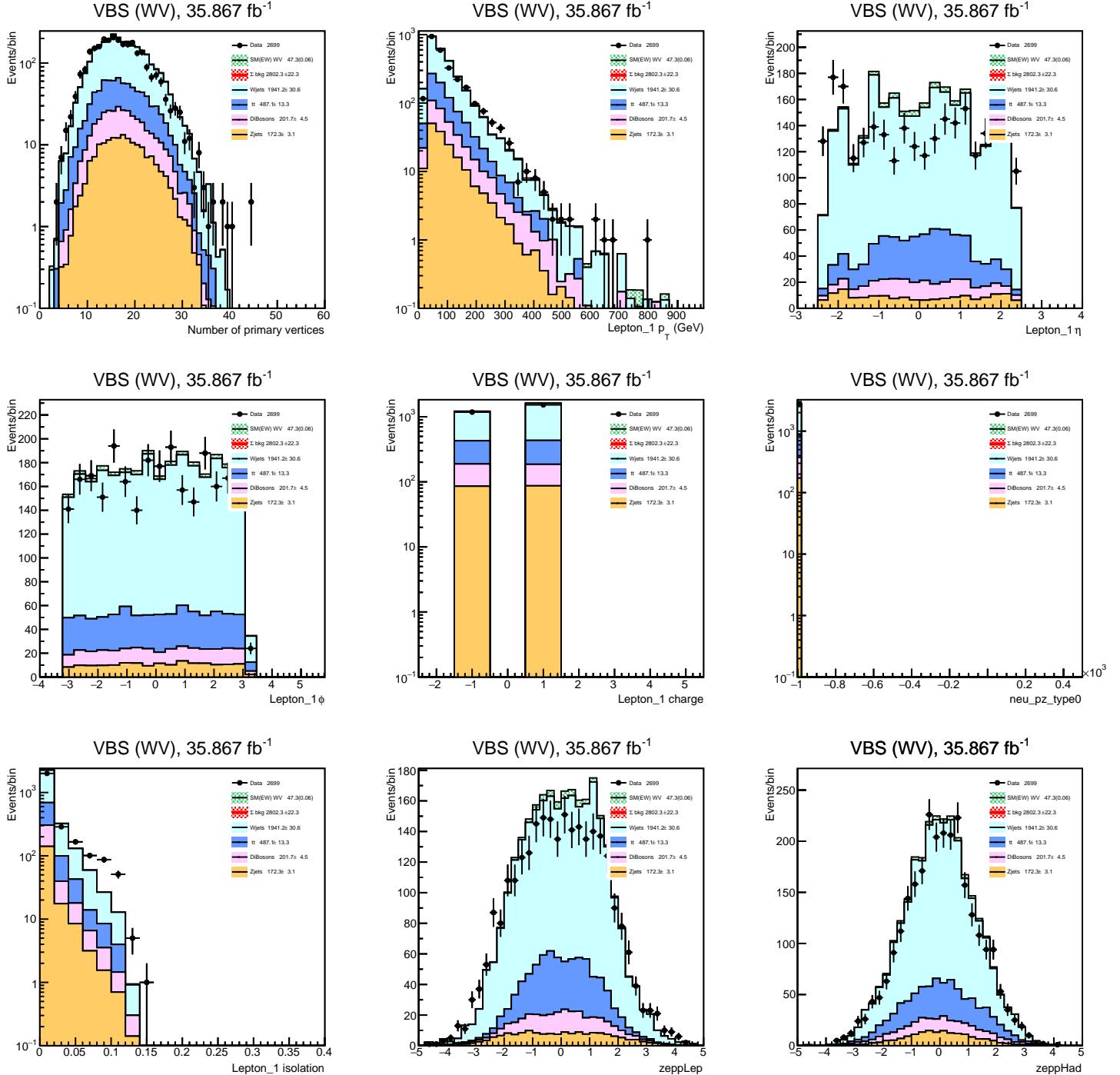


Figure 14: 2016 plot of c2 variables using cut: “Full_WV_SR”

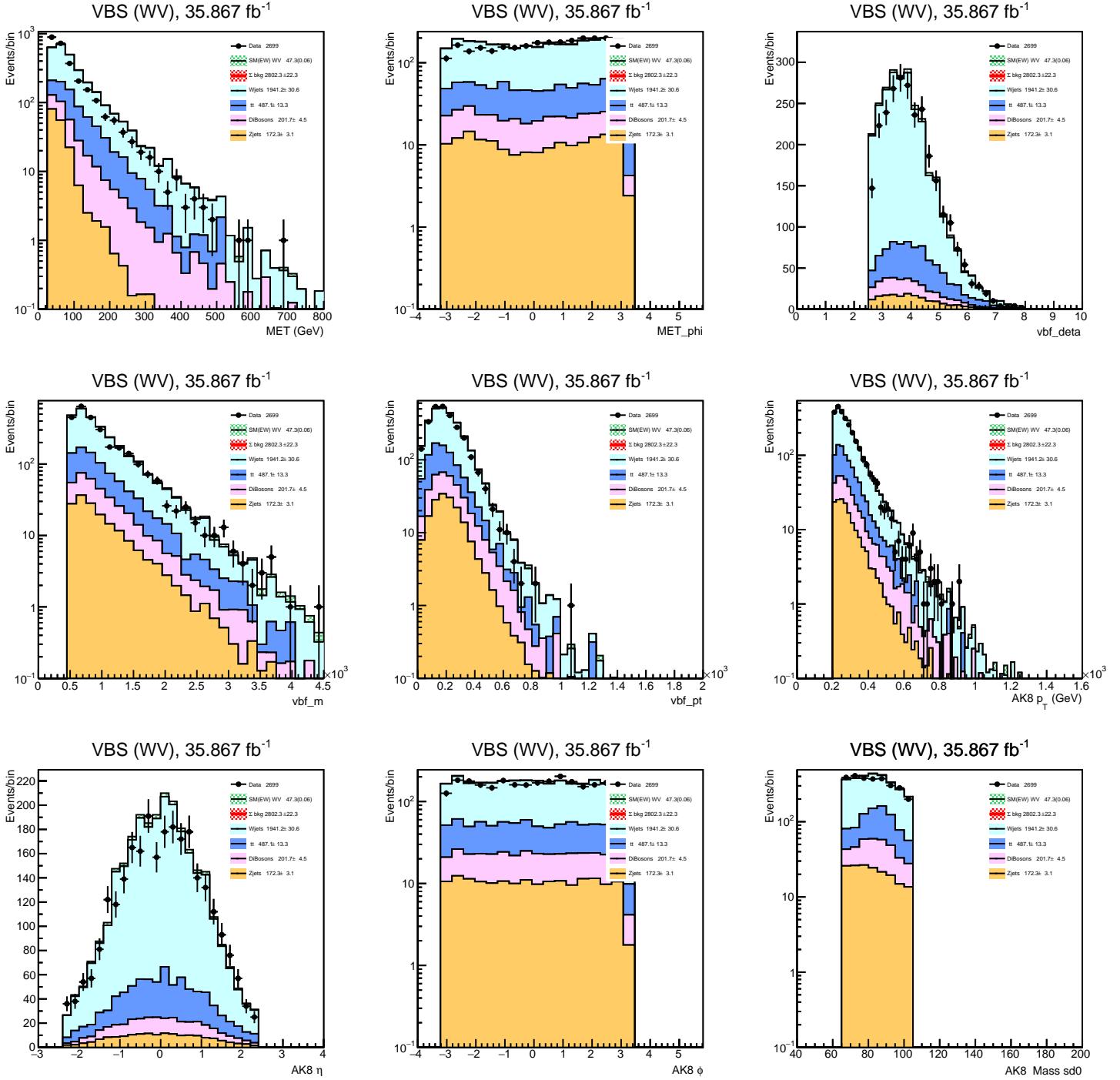
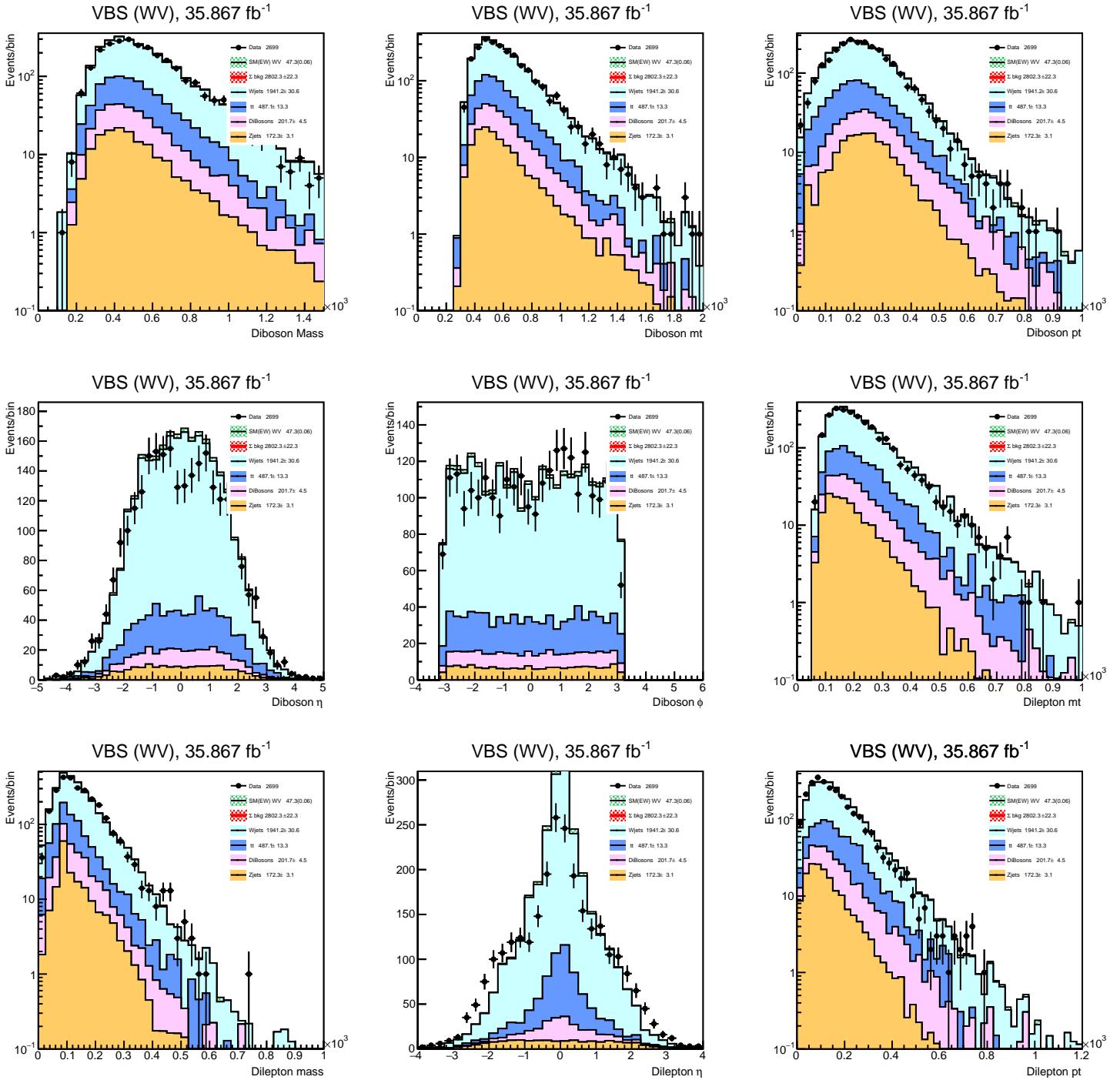


Figure 15: 2016 plot of c3 variables using cut: “Full_WV_SR”



Full_Wjets_CR

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

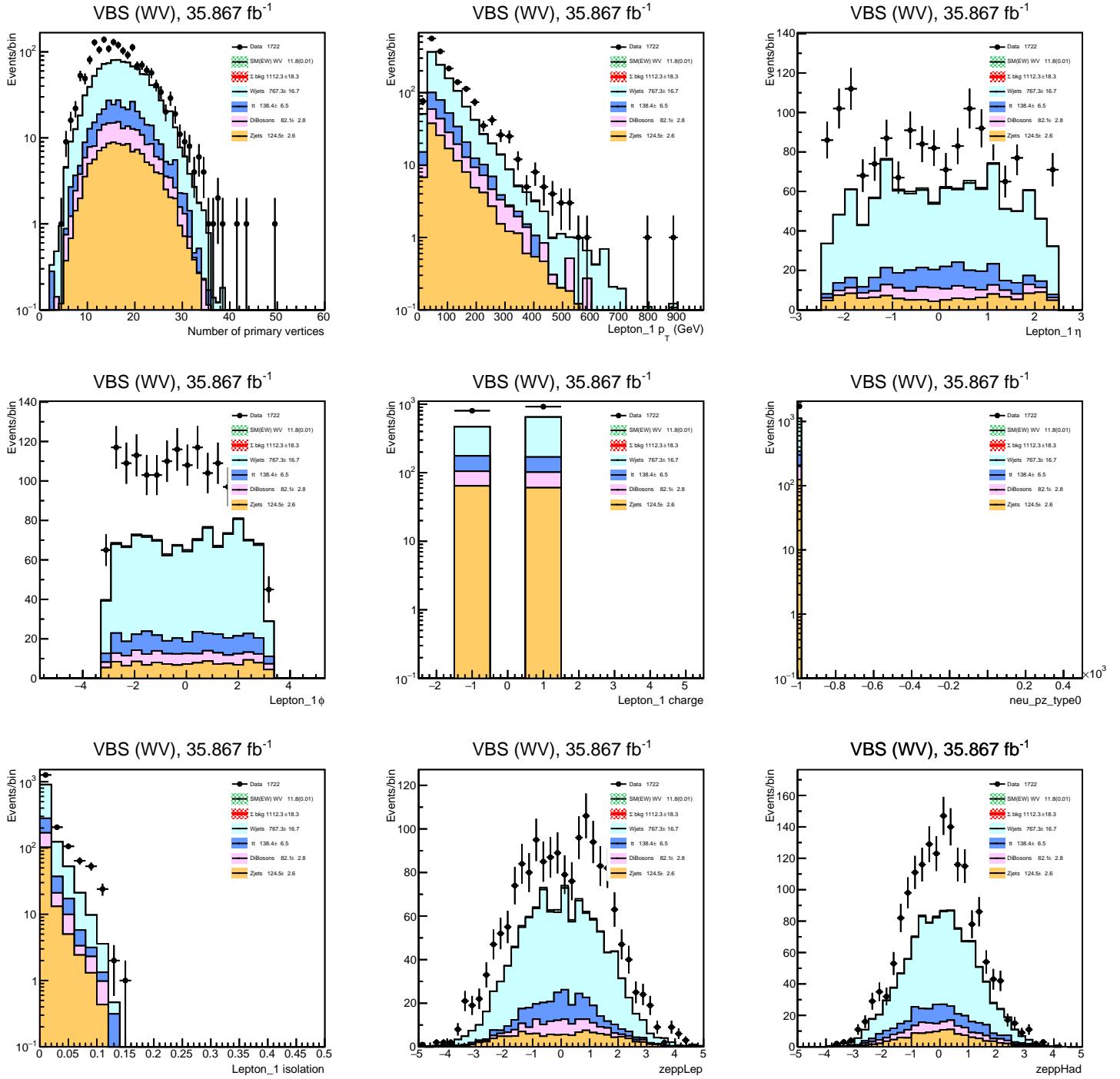


Figure 17: 2016 plot of c2 variables using cut: “Full_Wjets_CR”

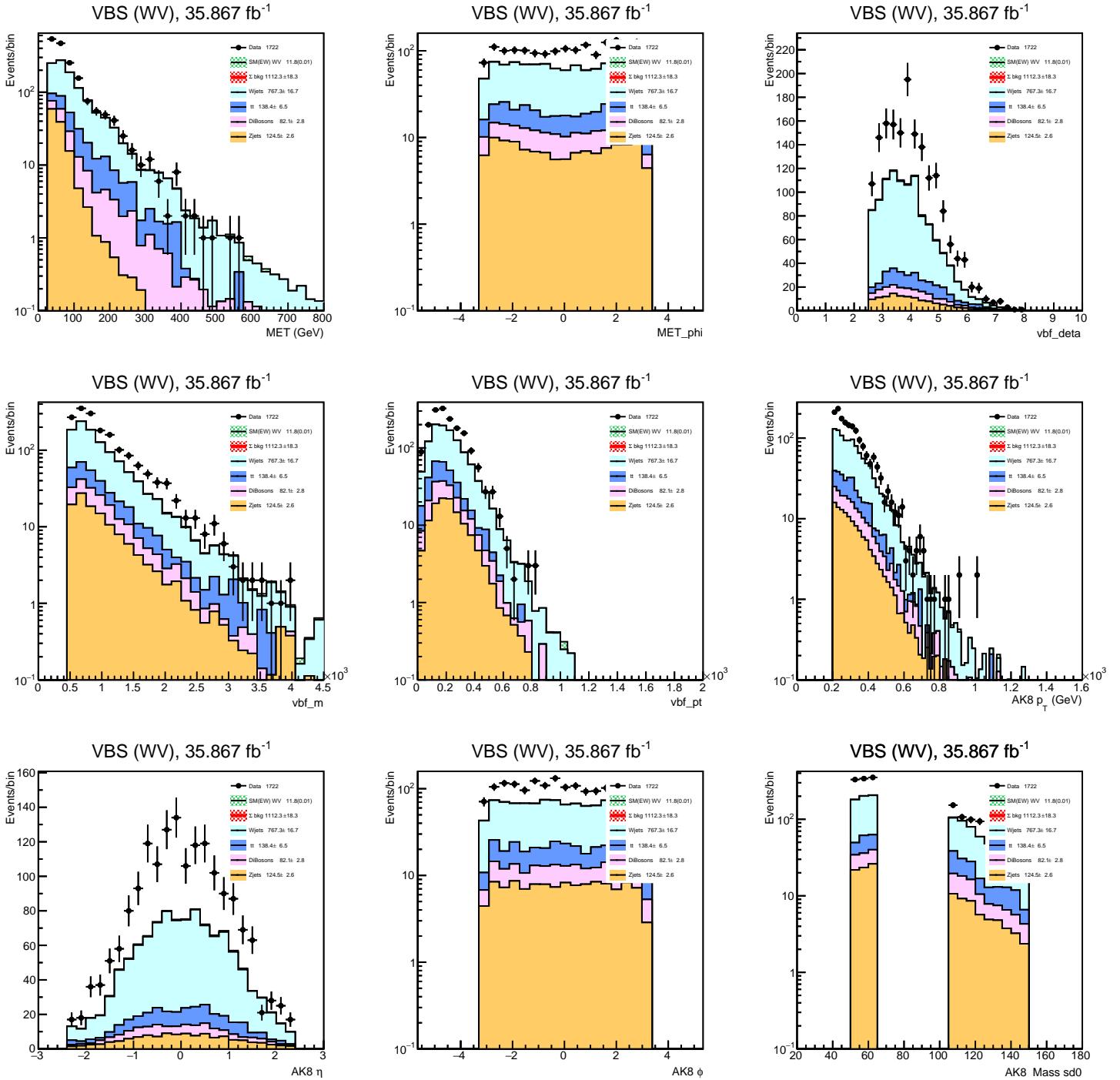
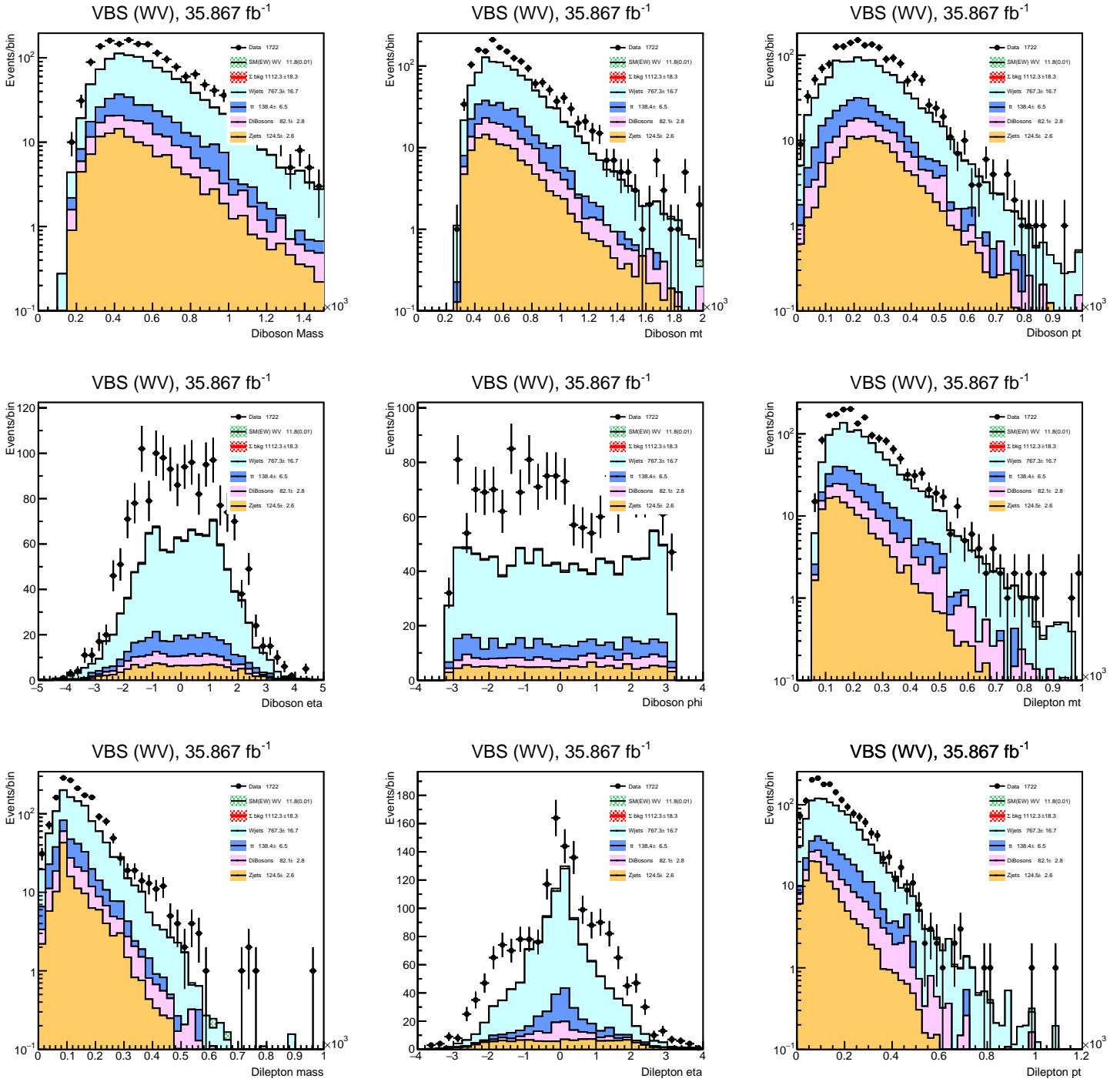


Figure 18: 2016 plot of c3 variables using cut: “Full_Wjets_CR”



Full_Wjets_CRscaled

Figure 19: 2016 plot of c1 variables using cut: “Full_Wjets_CRscaled”

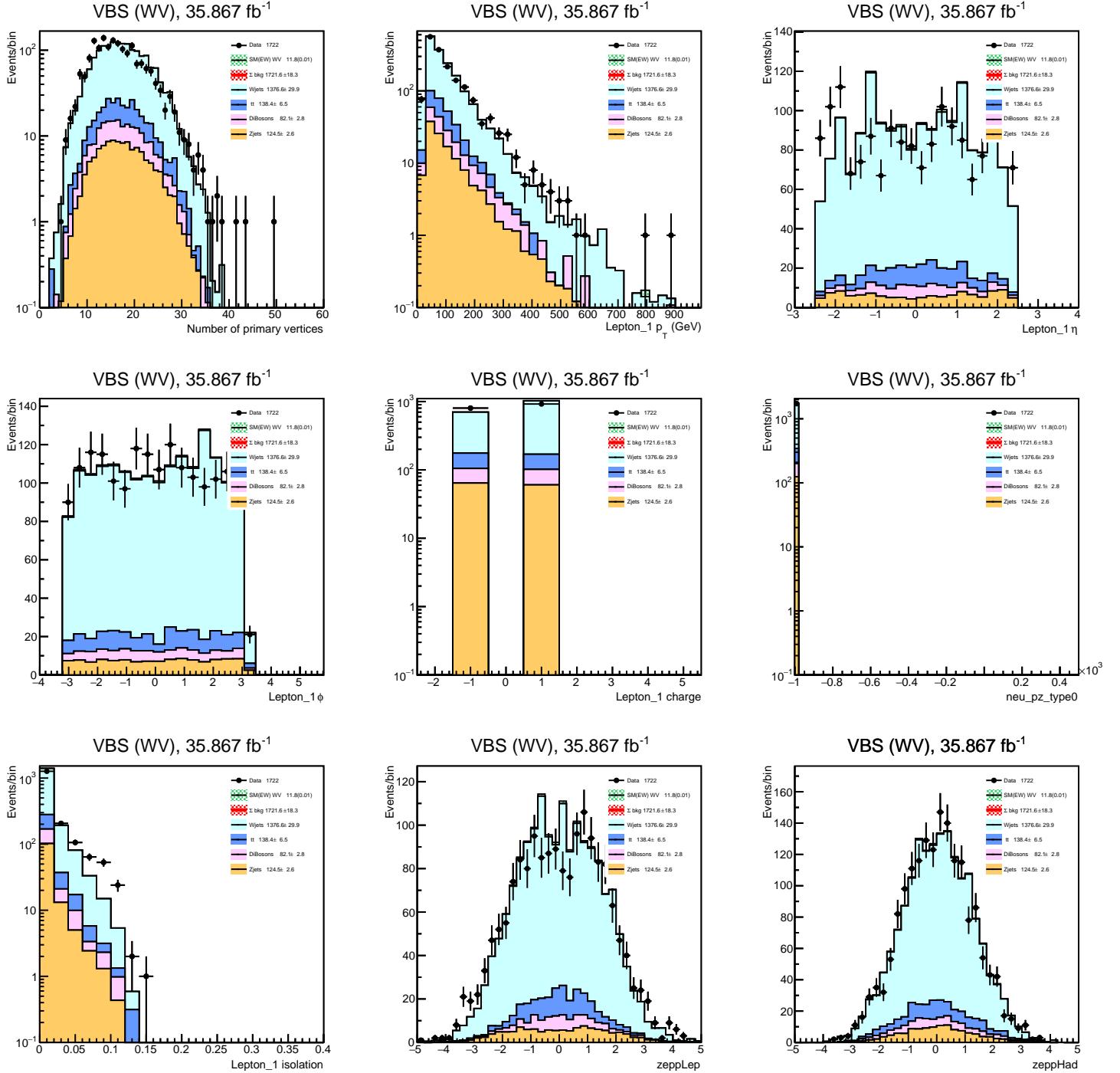


Figure 20: 2016 plot of c2 variables using cut: “Full_Wjets_CRscaled”

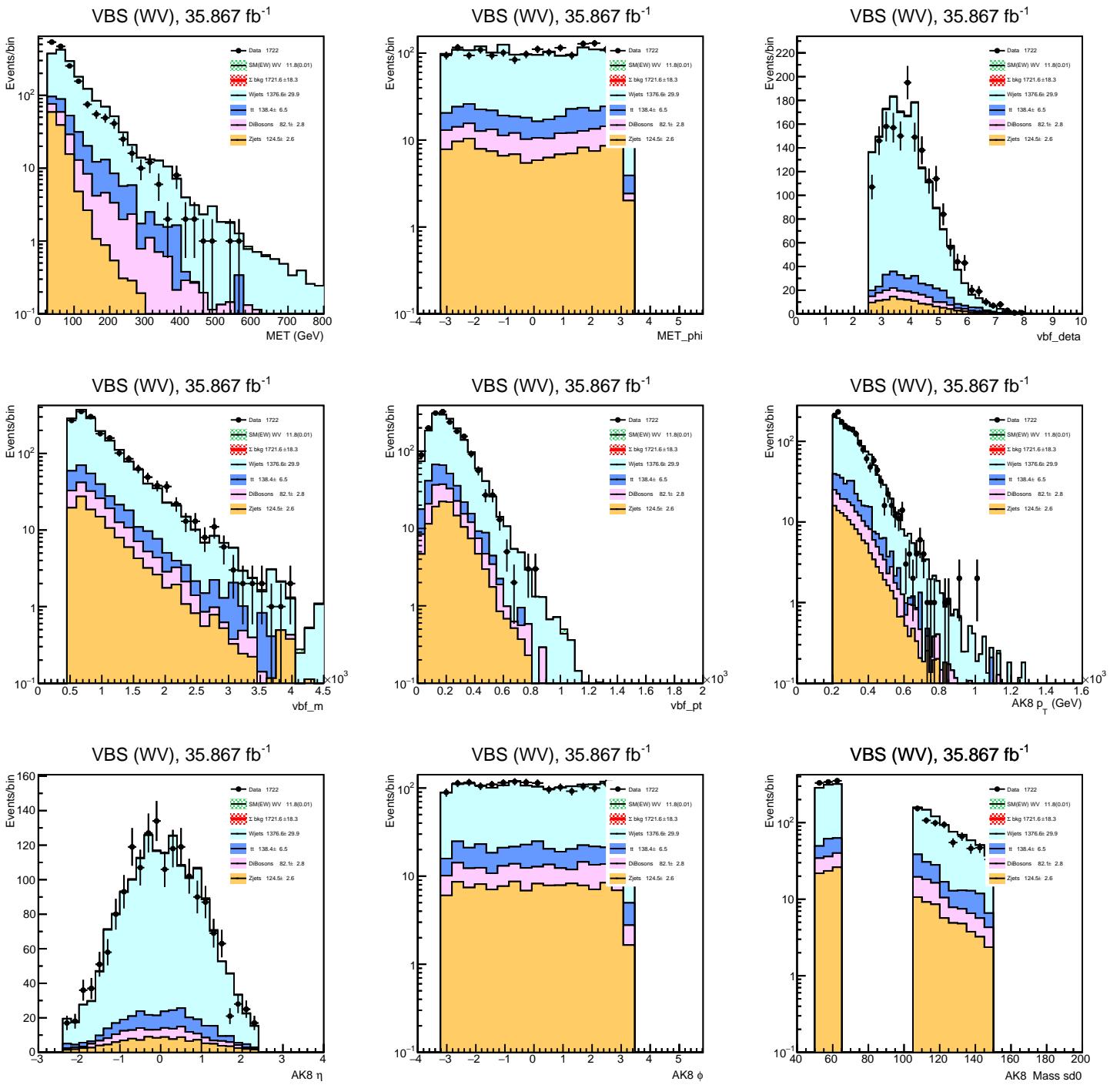


Figure 21: 2016 plot of c3 variables using cut: “Full_Wjets_CRscaled”

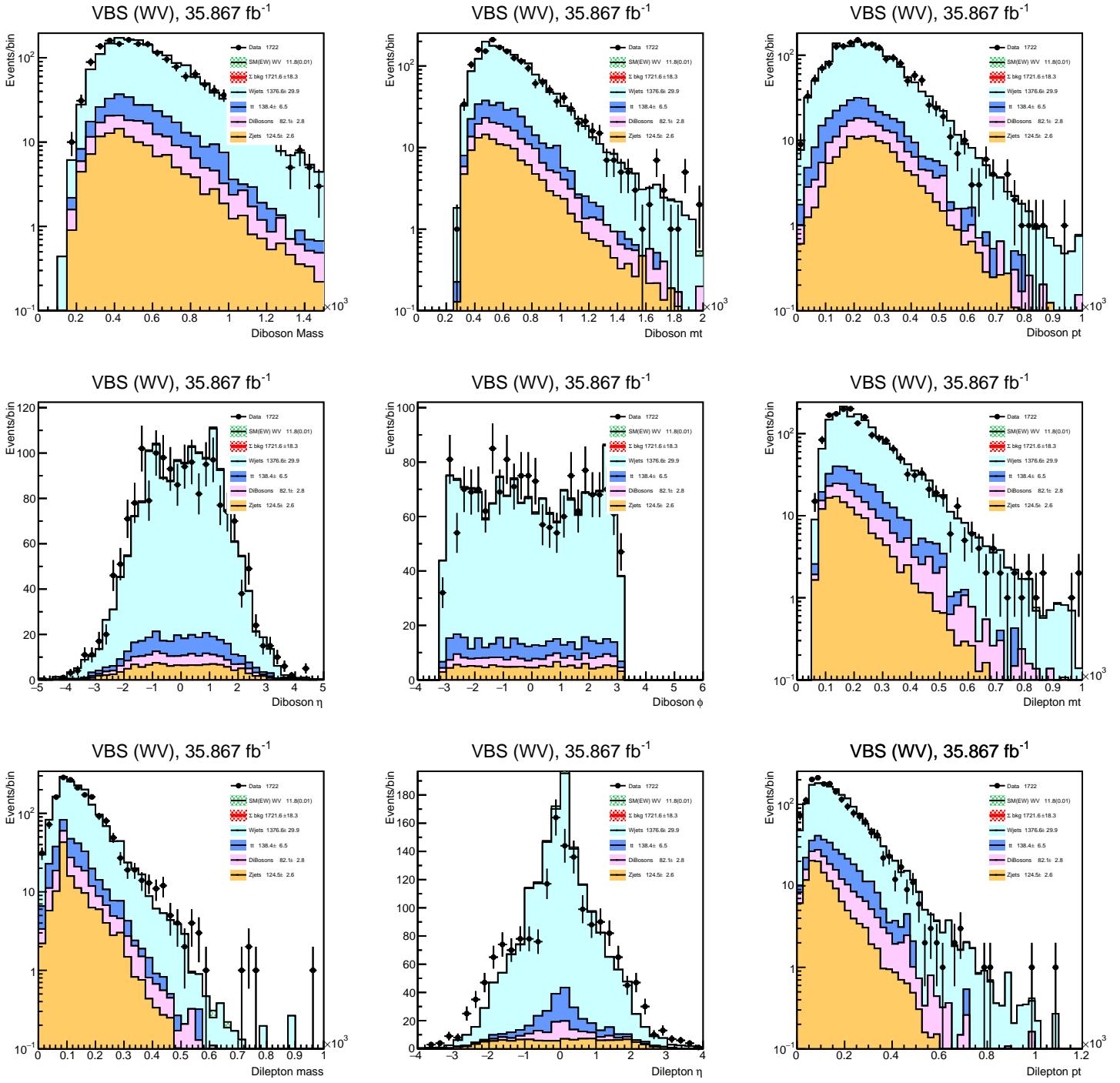


Figure 22: 2017 plot of c1 variables using cut: “test”

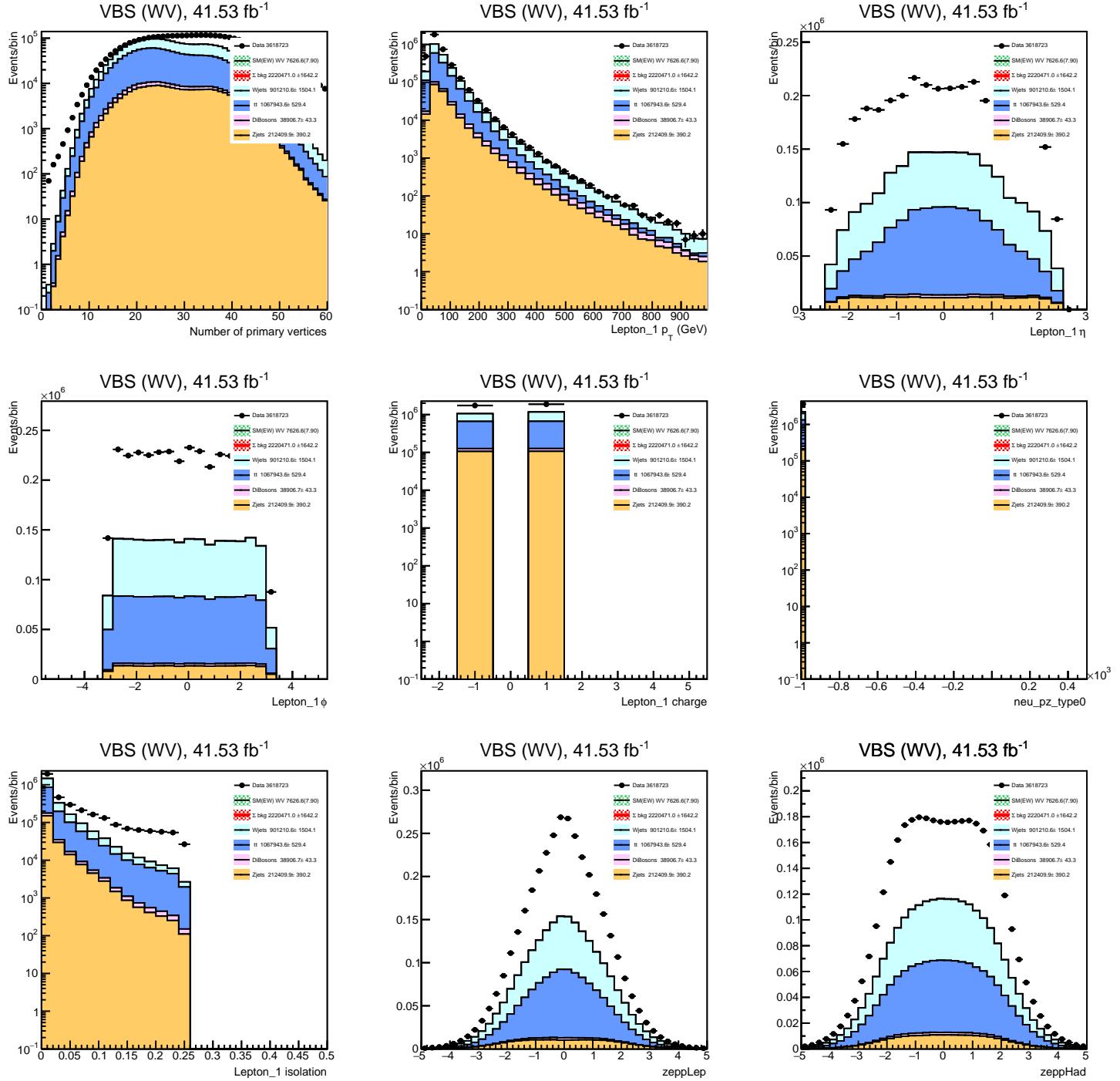


Figure 23: 2017 plot of c2 variables using cut: “test”

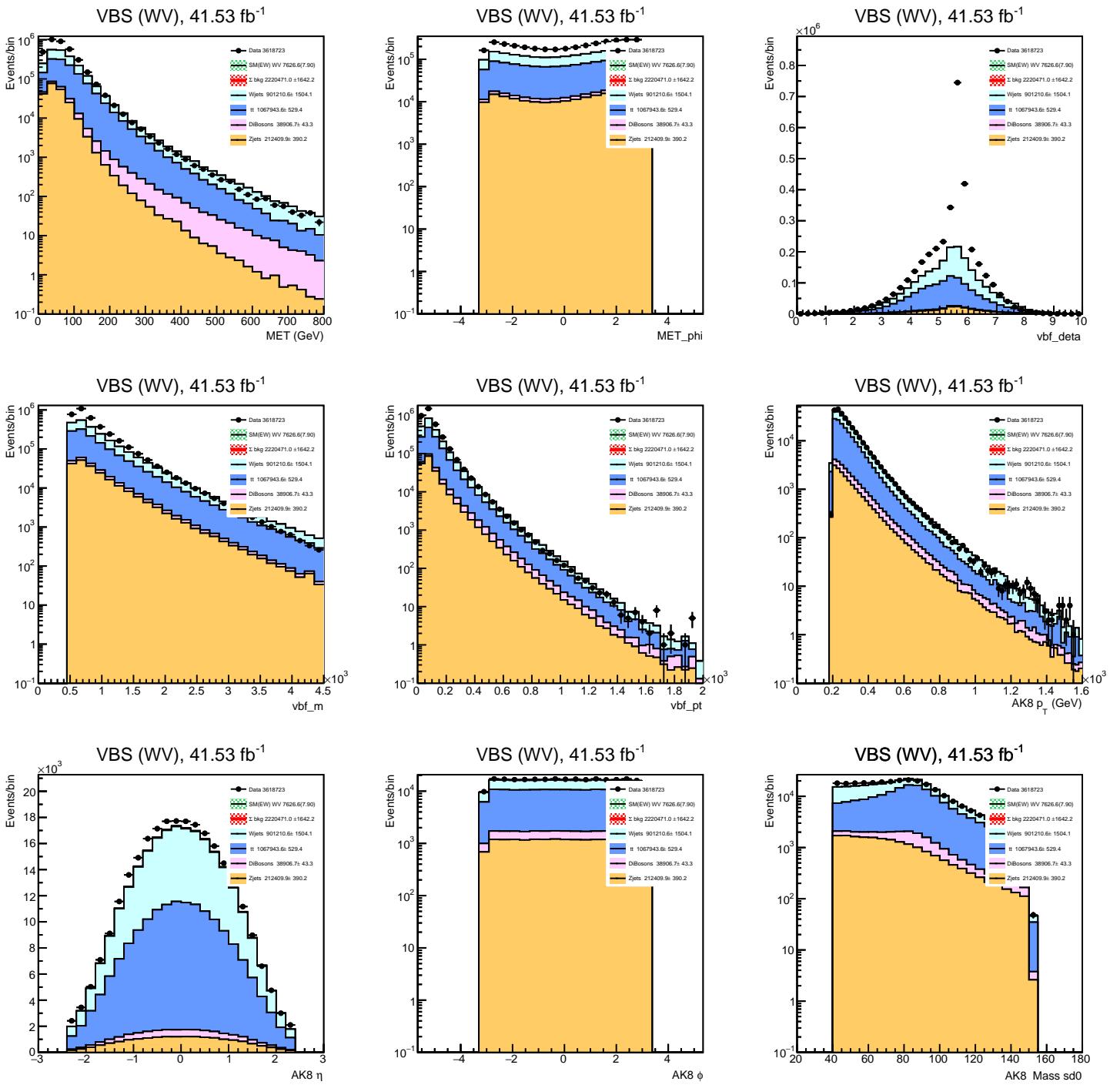
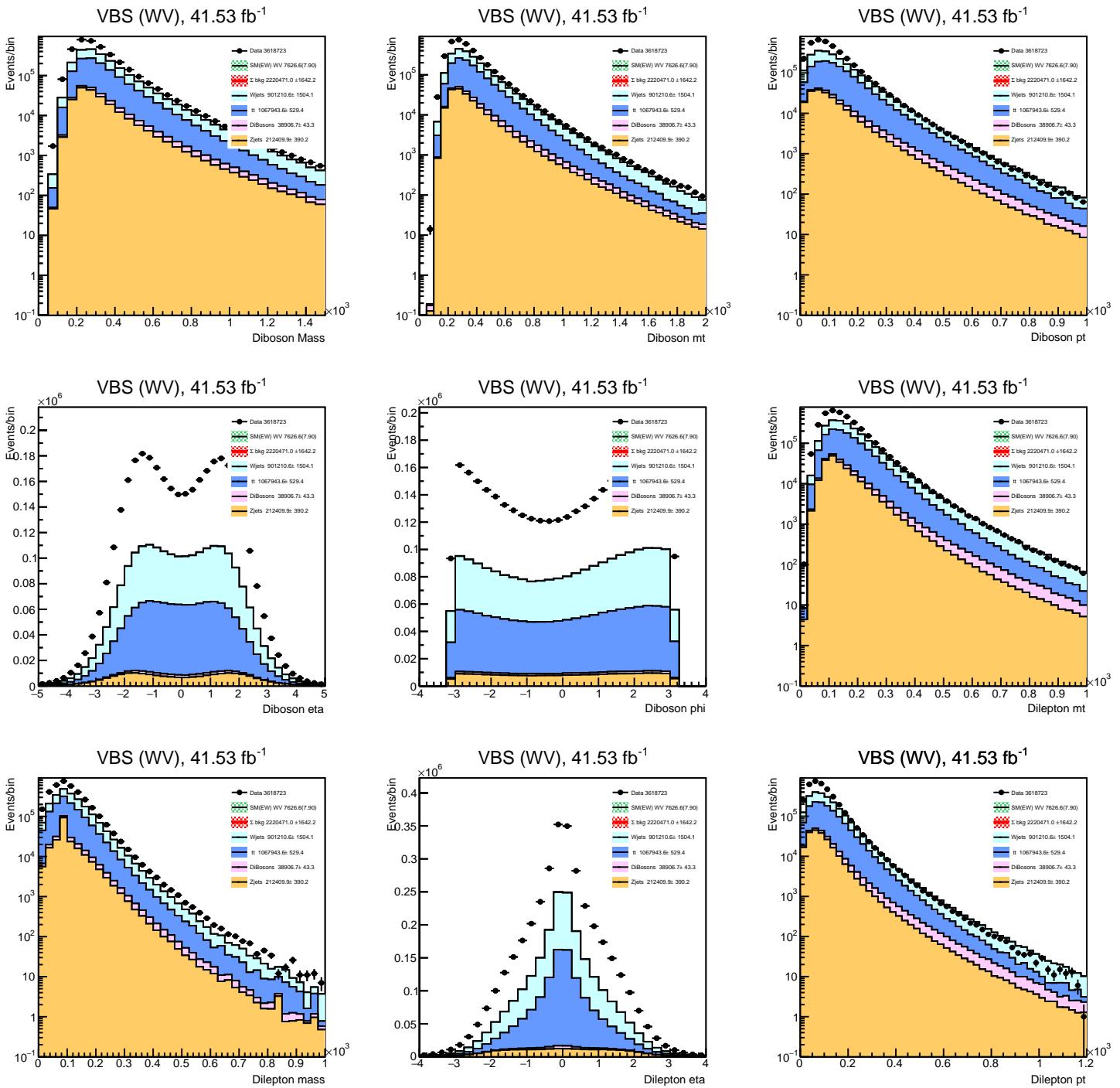


Figure 24: 2017 plot of c3 variables using cut: “test”



Full_SR

Figure 25: 2017 plot of c1 variables using cut: “Full_SR”

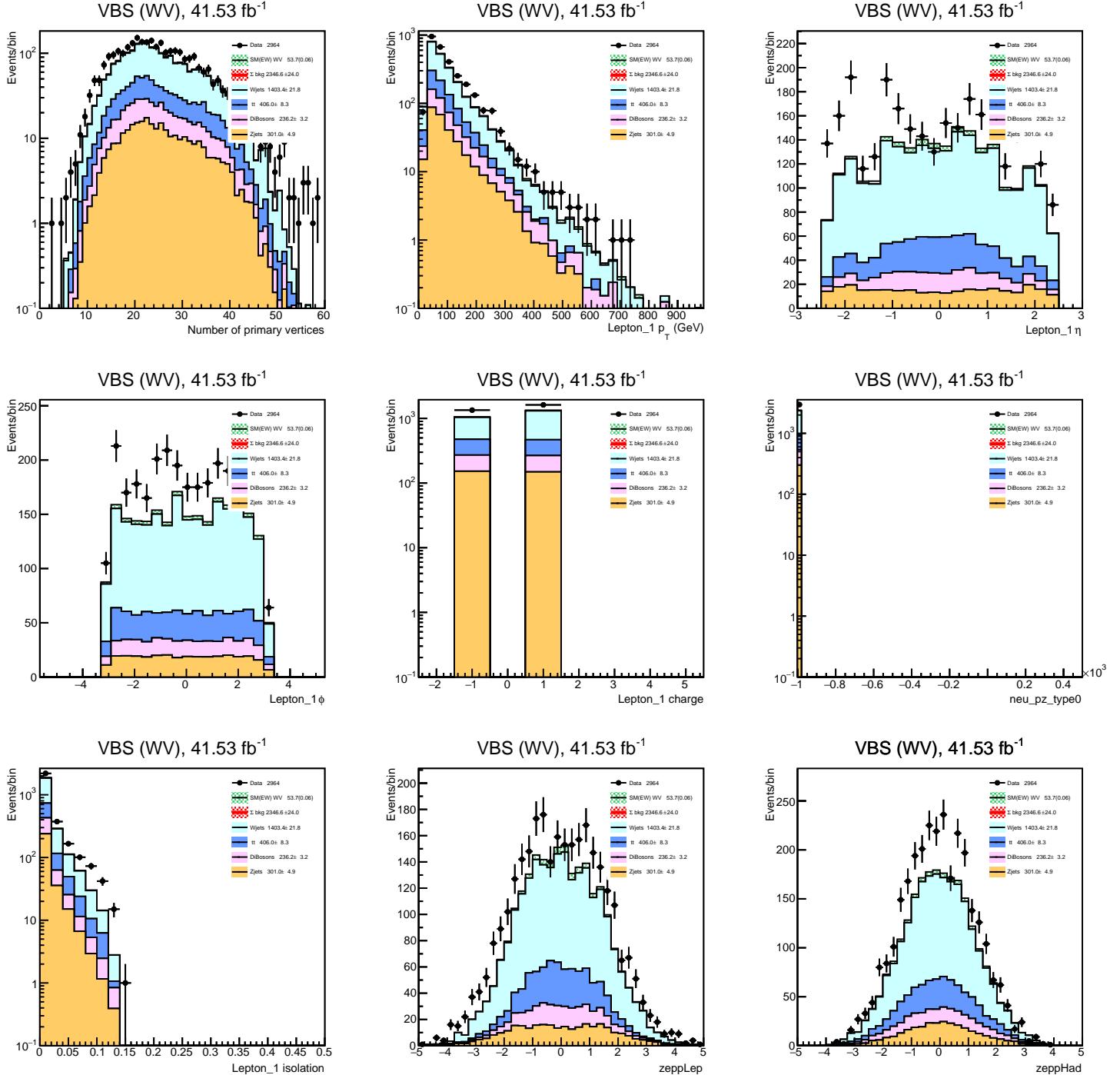


Figure 26: 2017 plot of c2 variables using cut: “Full_SR”

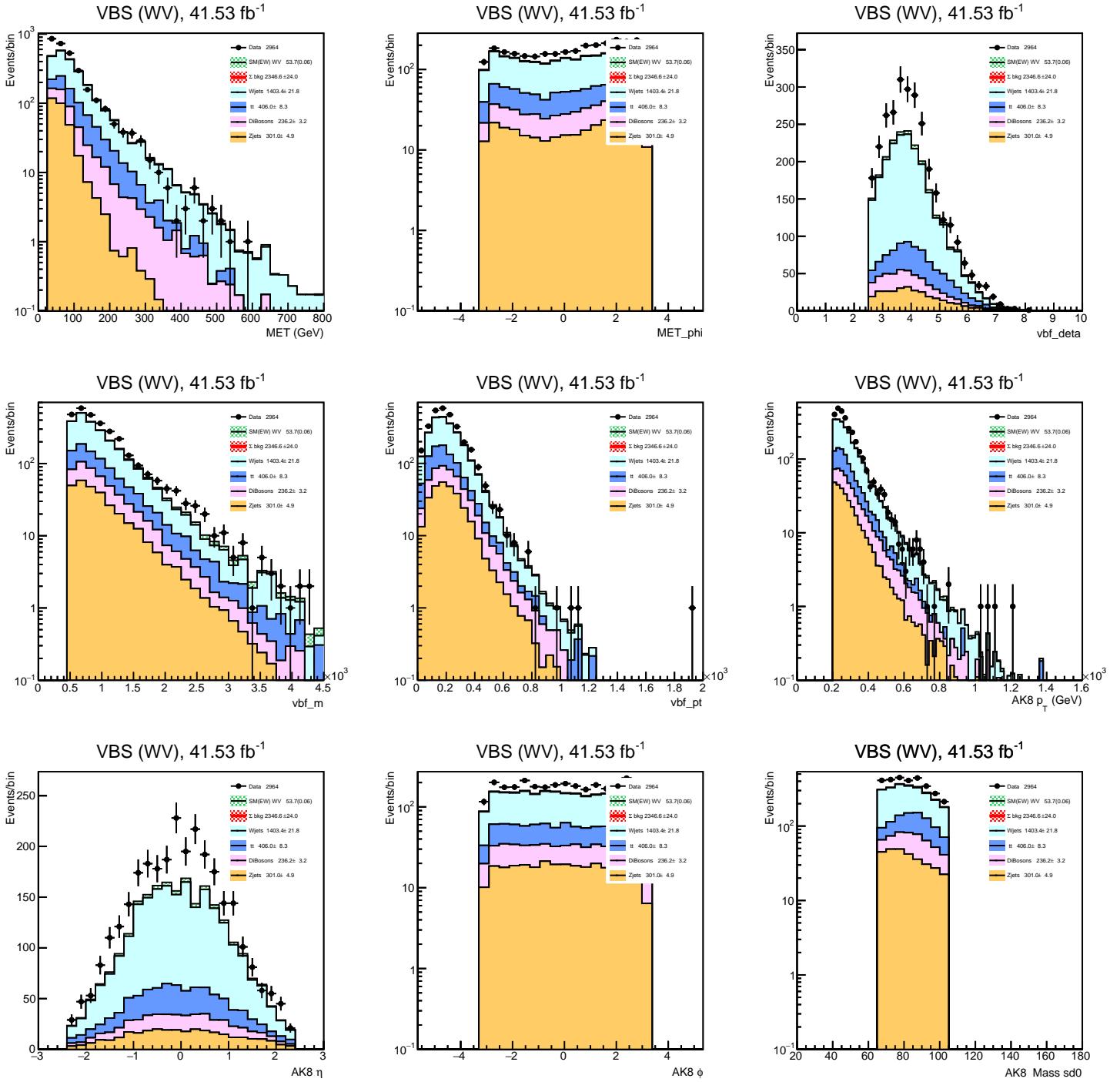
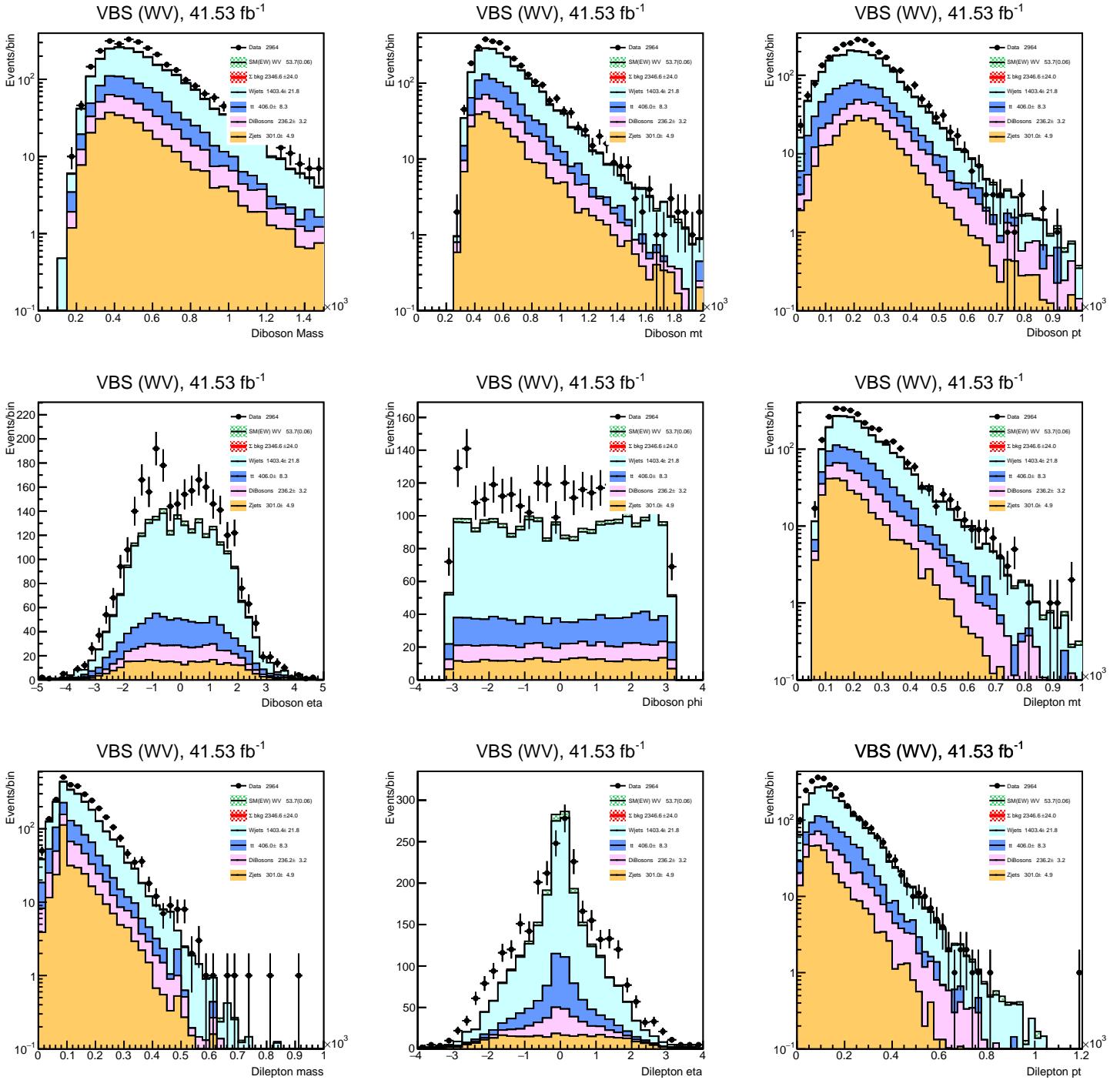


Figure 27: 2017 plot of c3 variables using cut: “Full_SR”



Full_Top_CR

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

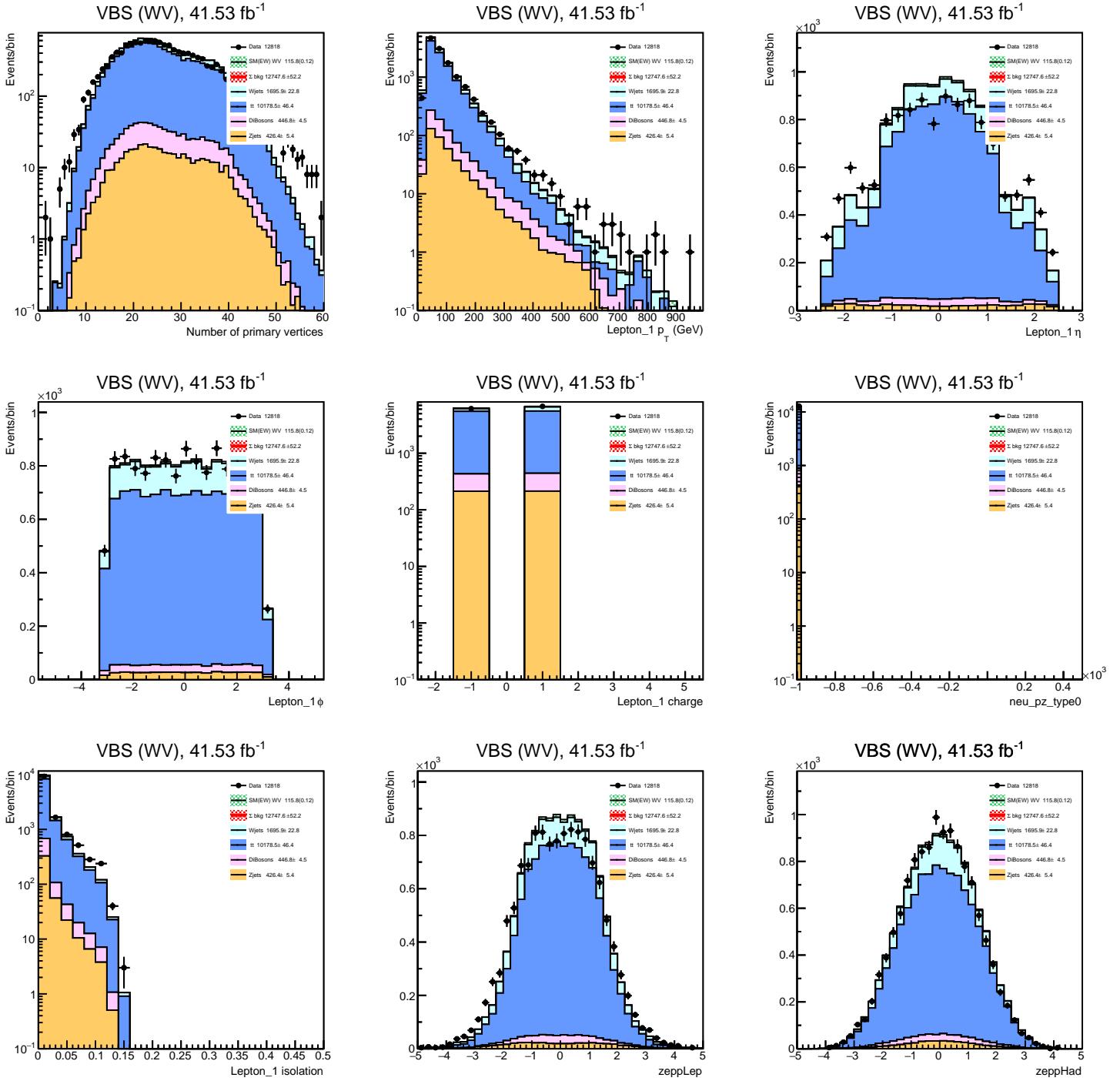


Figure 29: 2017 plot of c2 variables using cut: “Full_Top_CR”

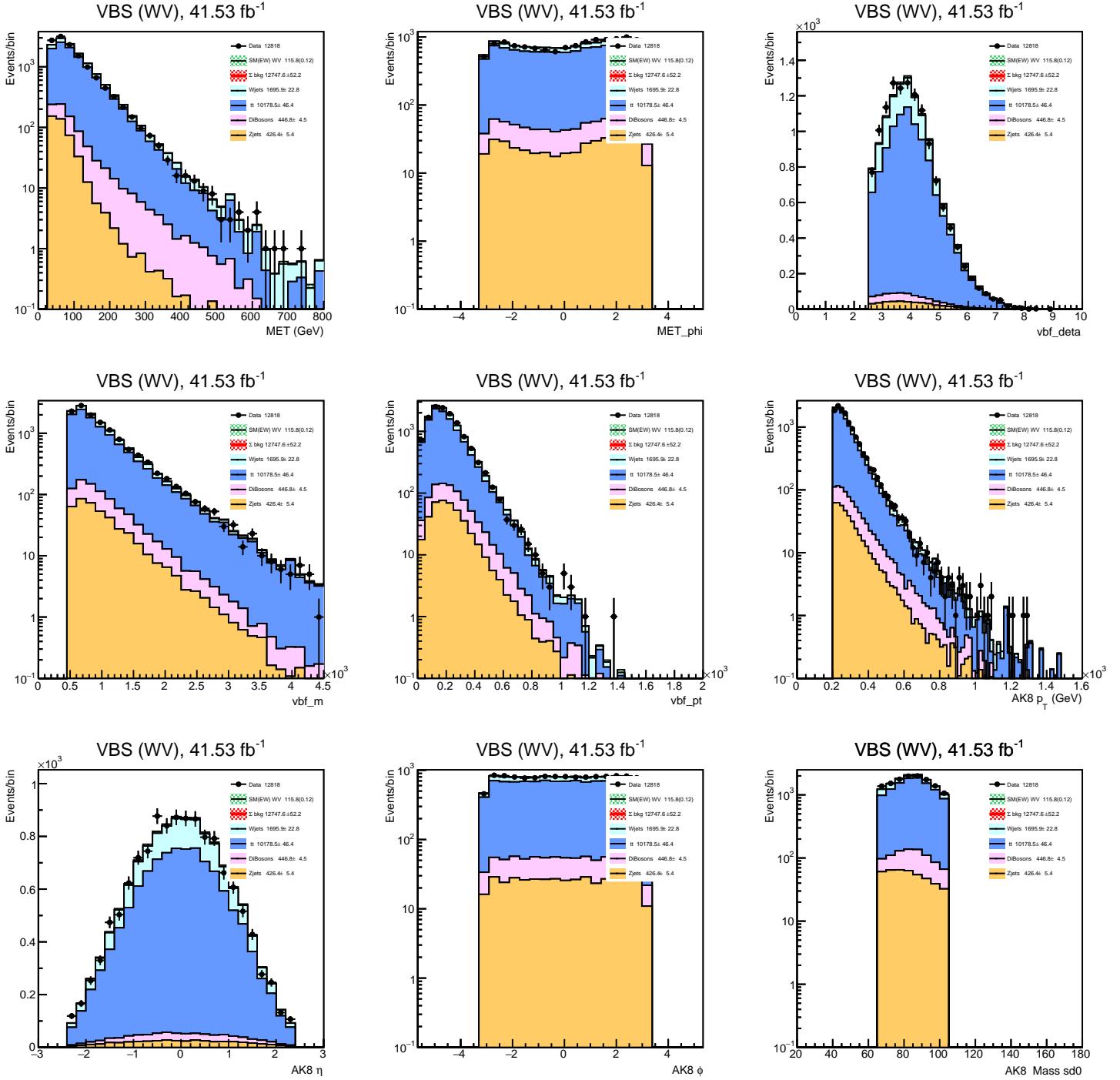
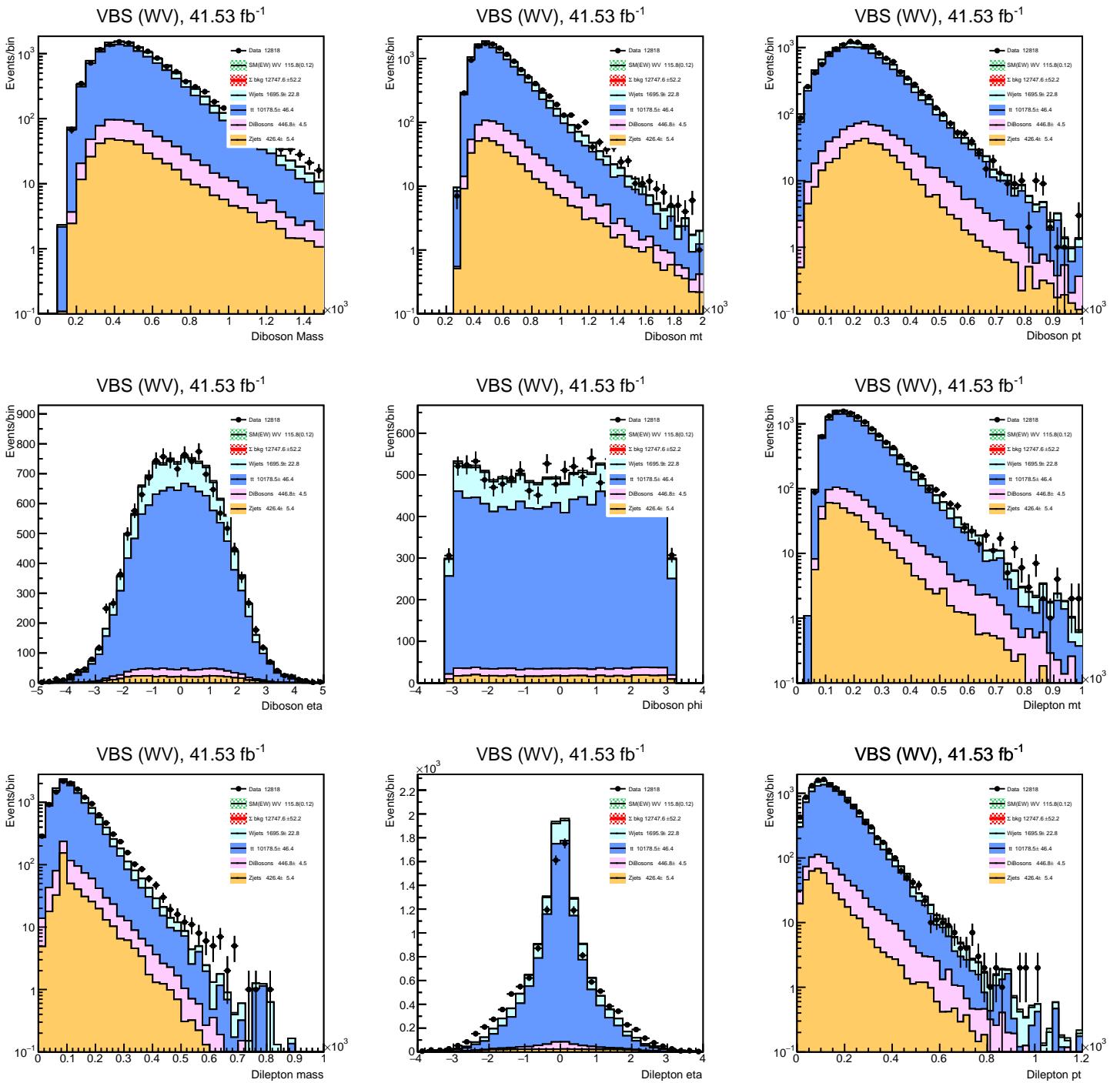


Figure 30: 2017 plot of c3 variables using cut: “Full_Top_CR”



Full_WV_SR

Figure 31: 2017 plot of c1 variables using cut: “Full_WV_SR”

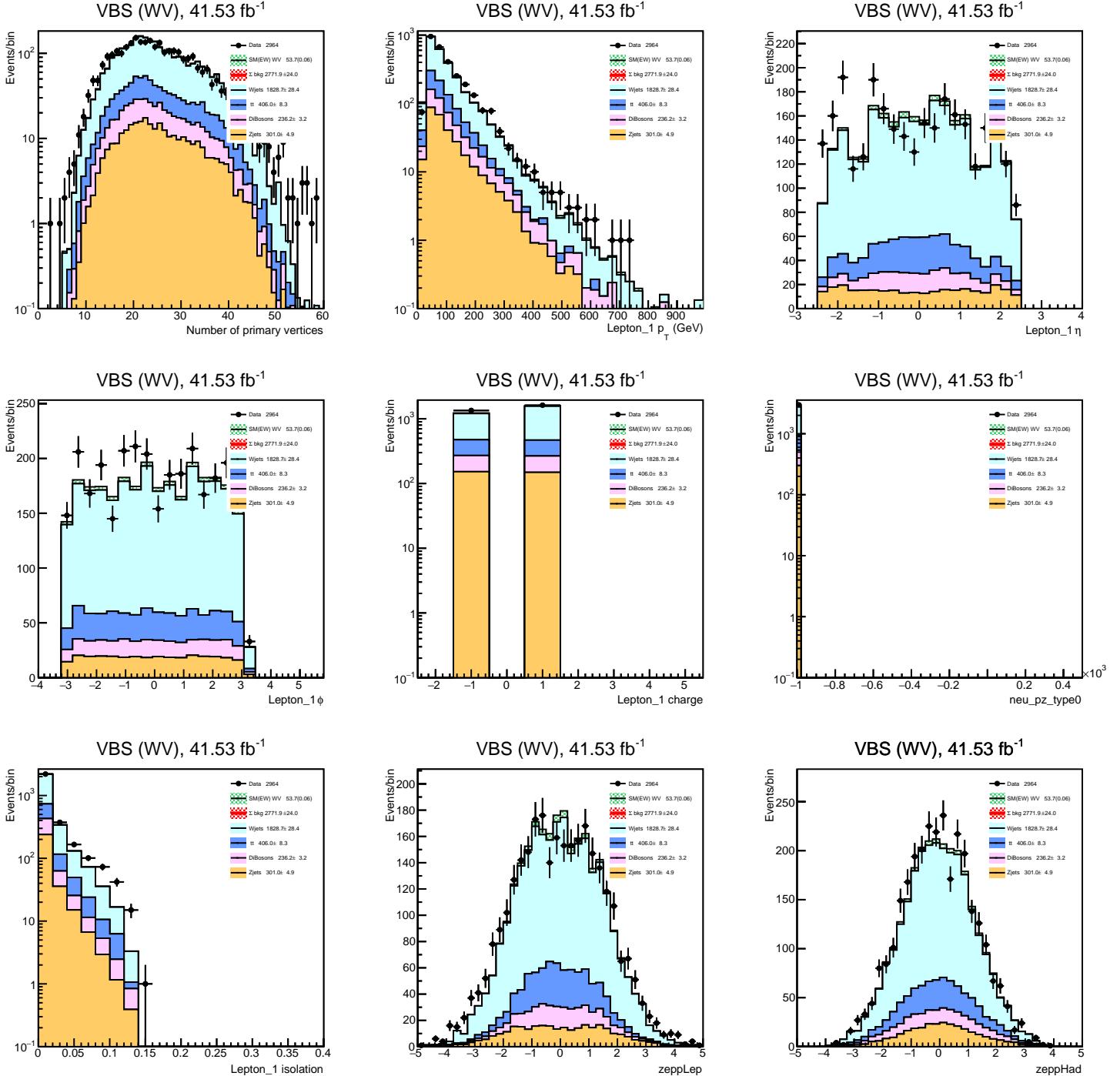


Figure 32: 2017 plot of c2 variables using cut: “Full_WV_SR”

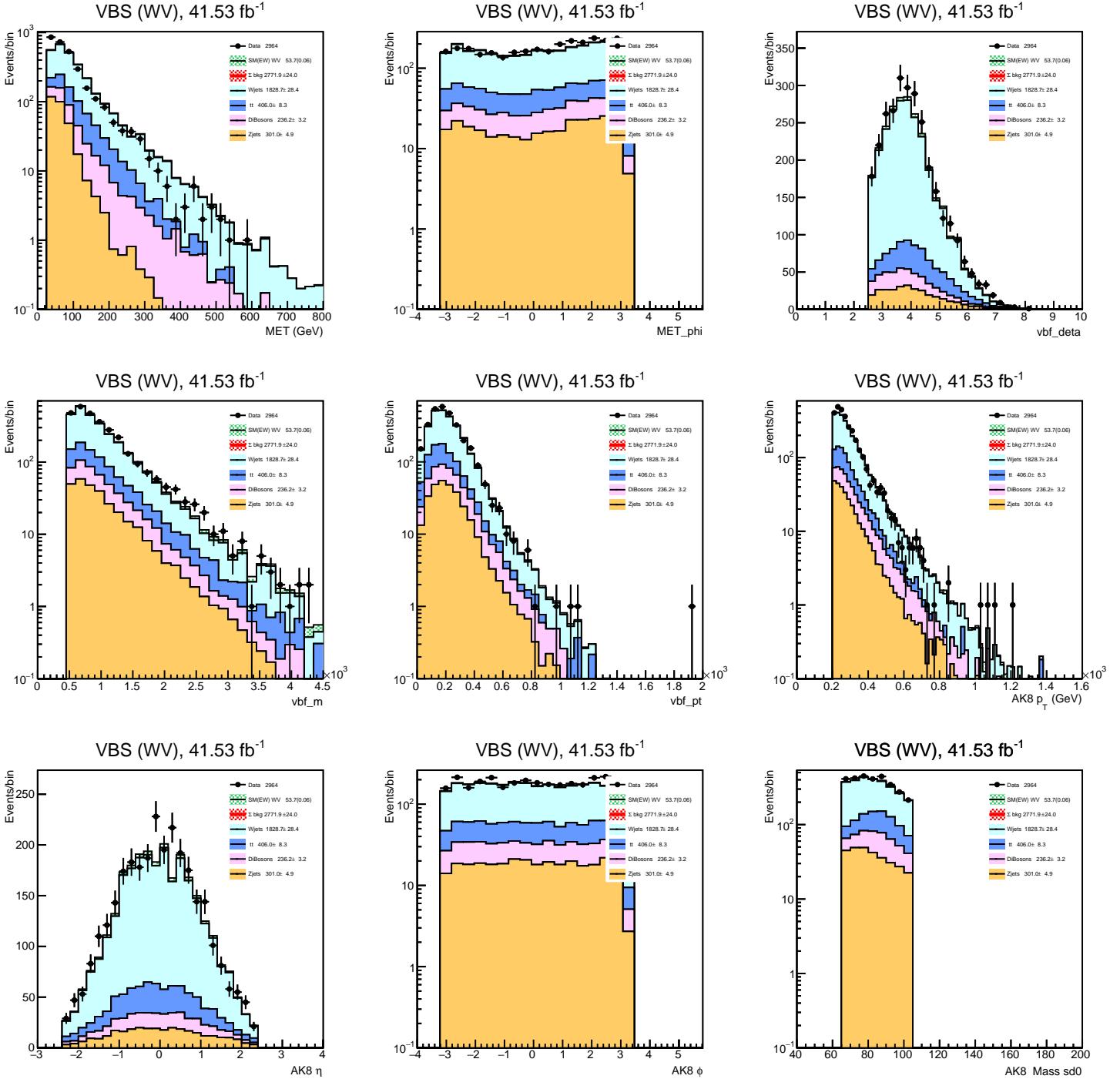
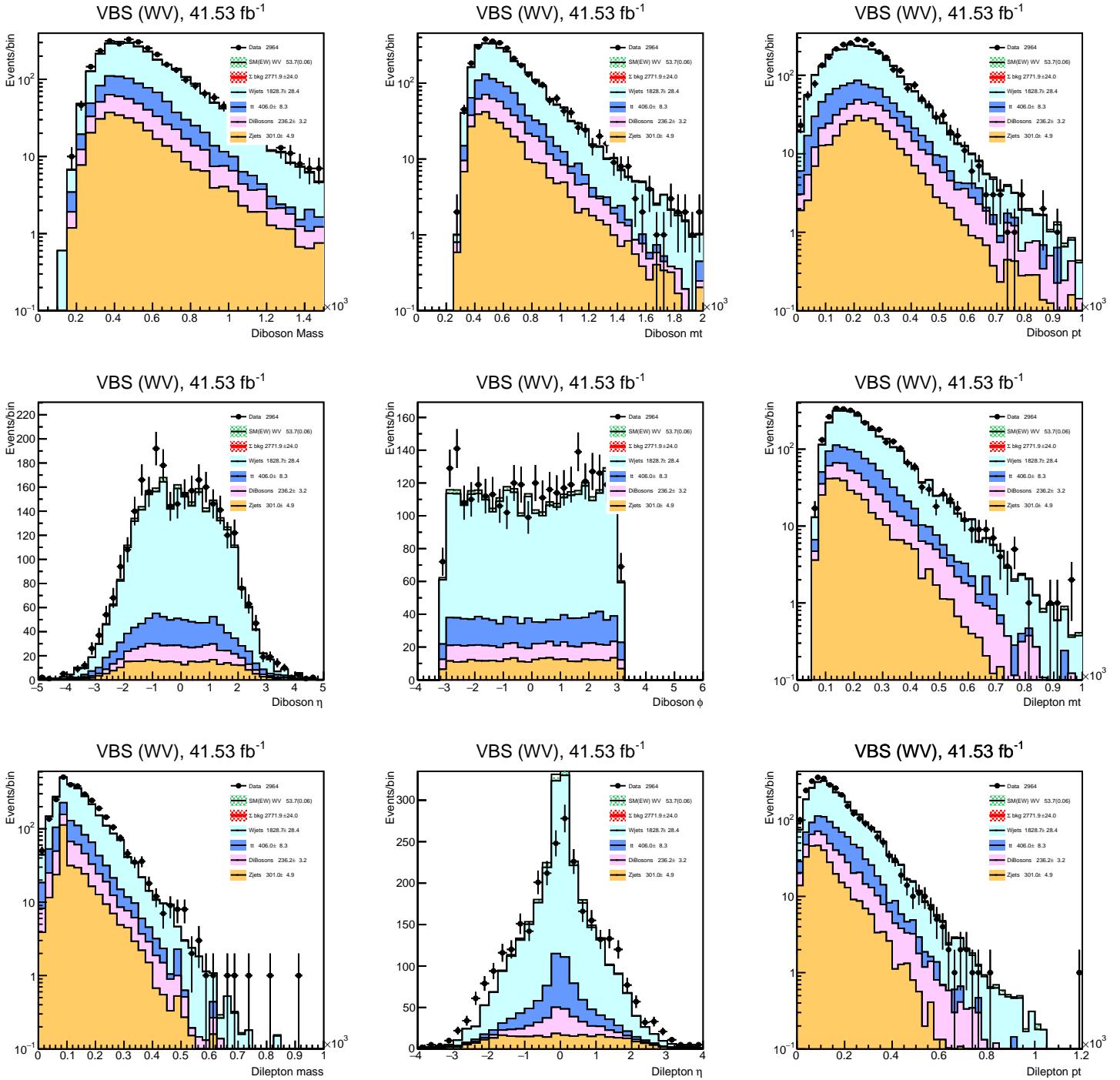


Figure 33: 2017 plot of c3 variables using cut: “Full_WV_SR”



Full_Wjets_CR

Figure 34: 2017 plot of c1 variables using cut: “Full_Wjets_CR”

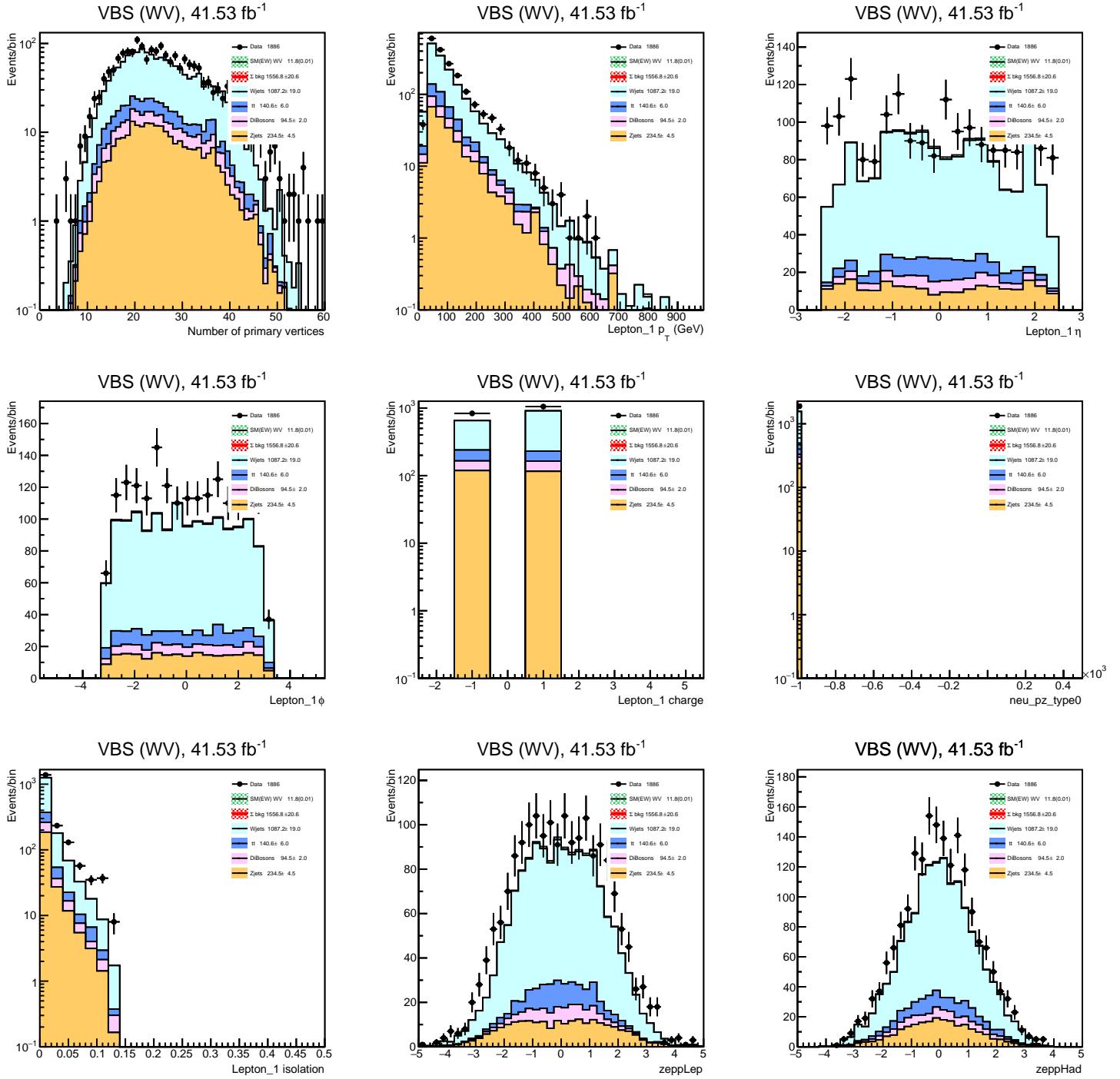


Figure 35: 2017 plot of c2 variables using cut: “Full_Wjets_CR”

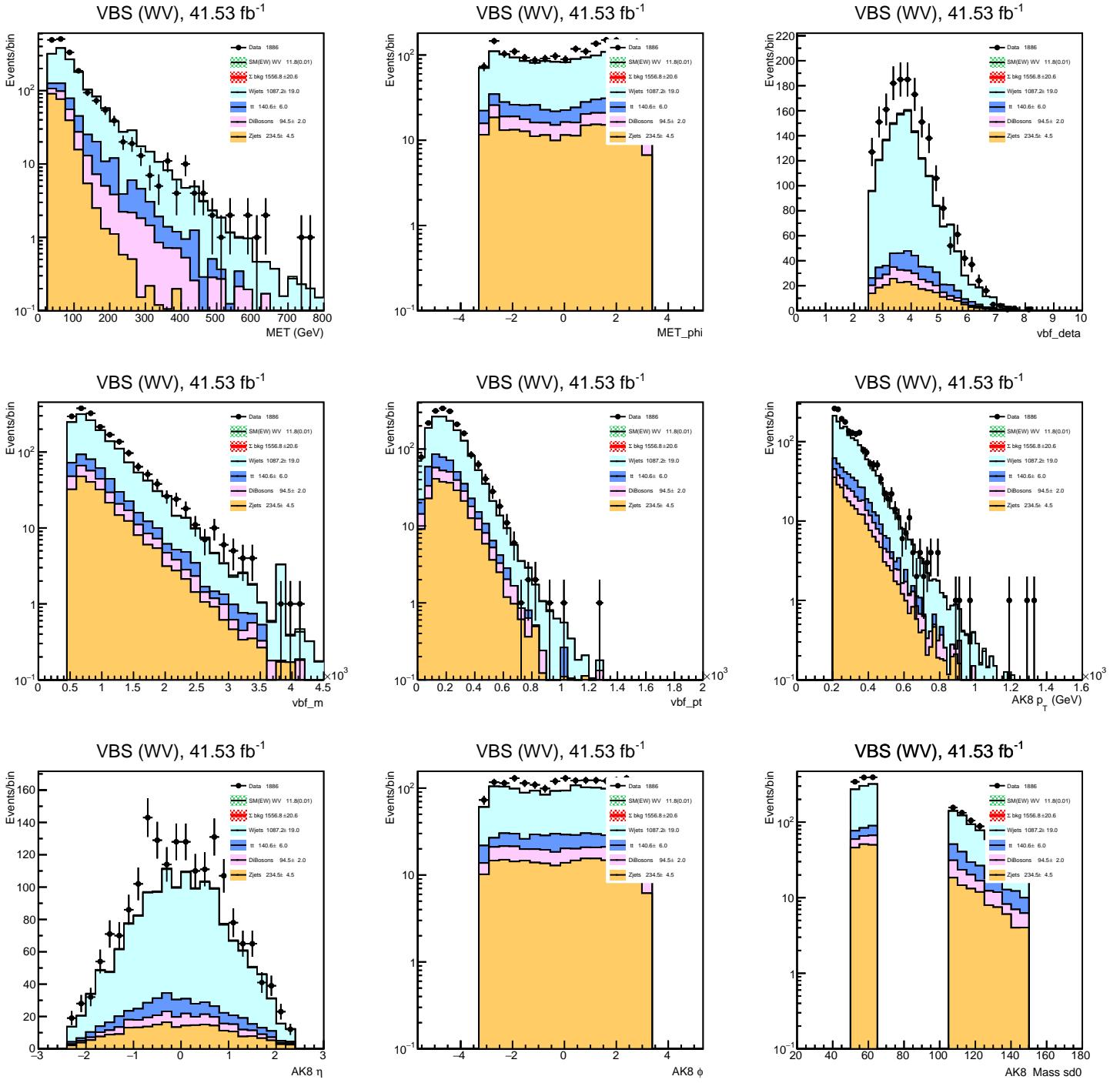
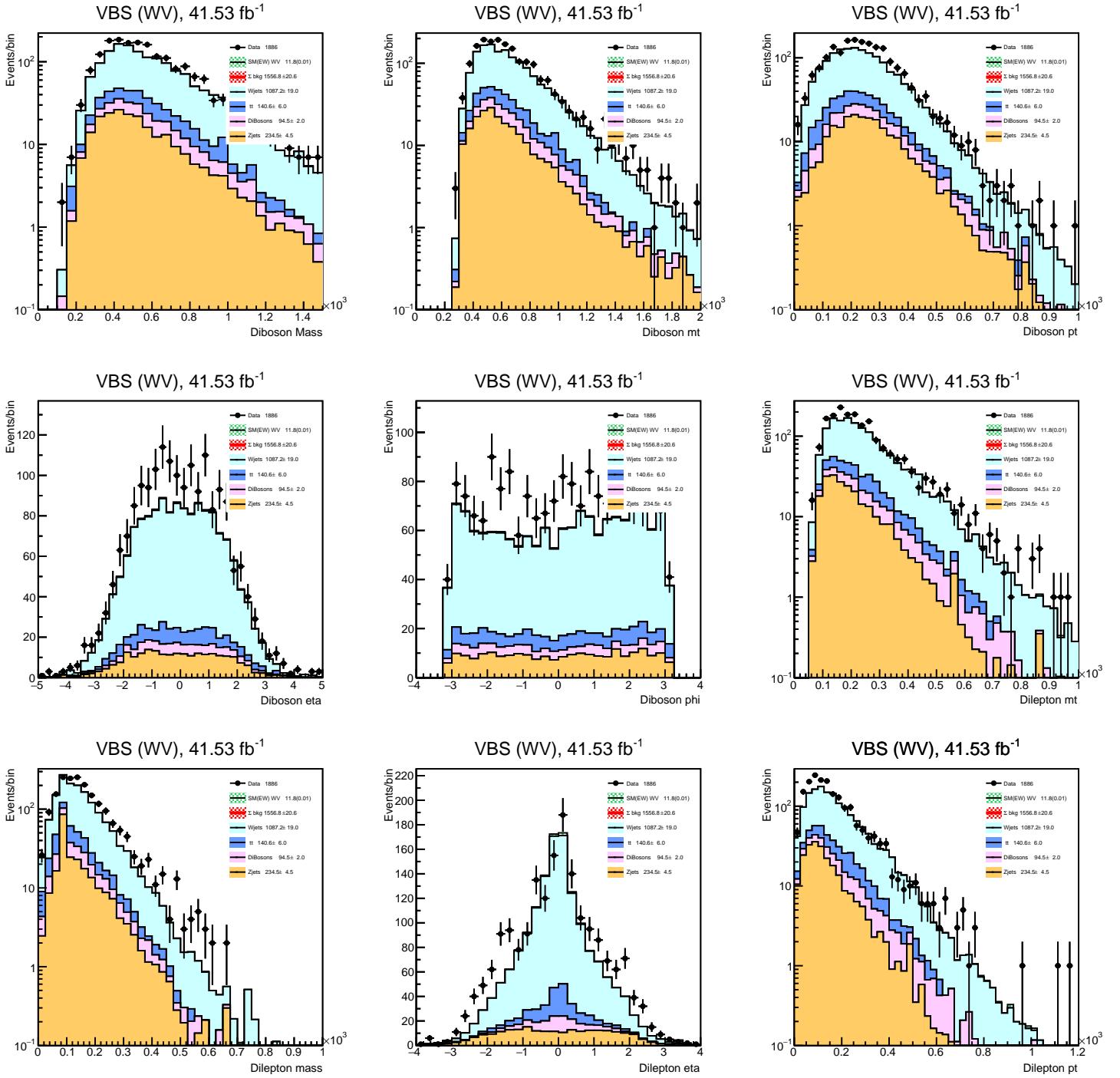


Figure 36: 2017 plot of c3 variables using cut: “Full_Wjets_CR”



Full_Wjets_CRscaled

Figure 37: 2017 plot of c1 variables using cut: “Full_Wjets_CRscaled”

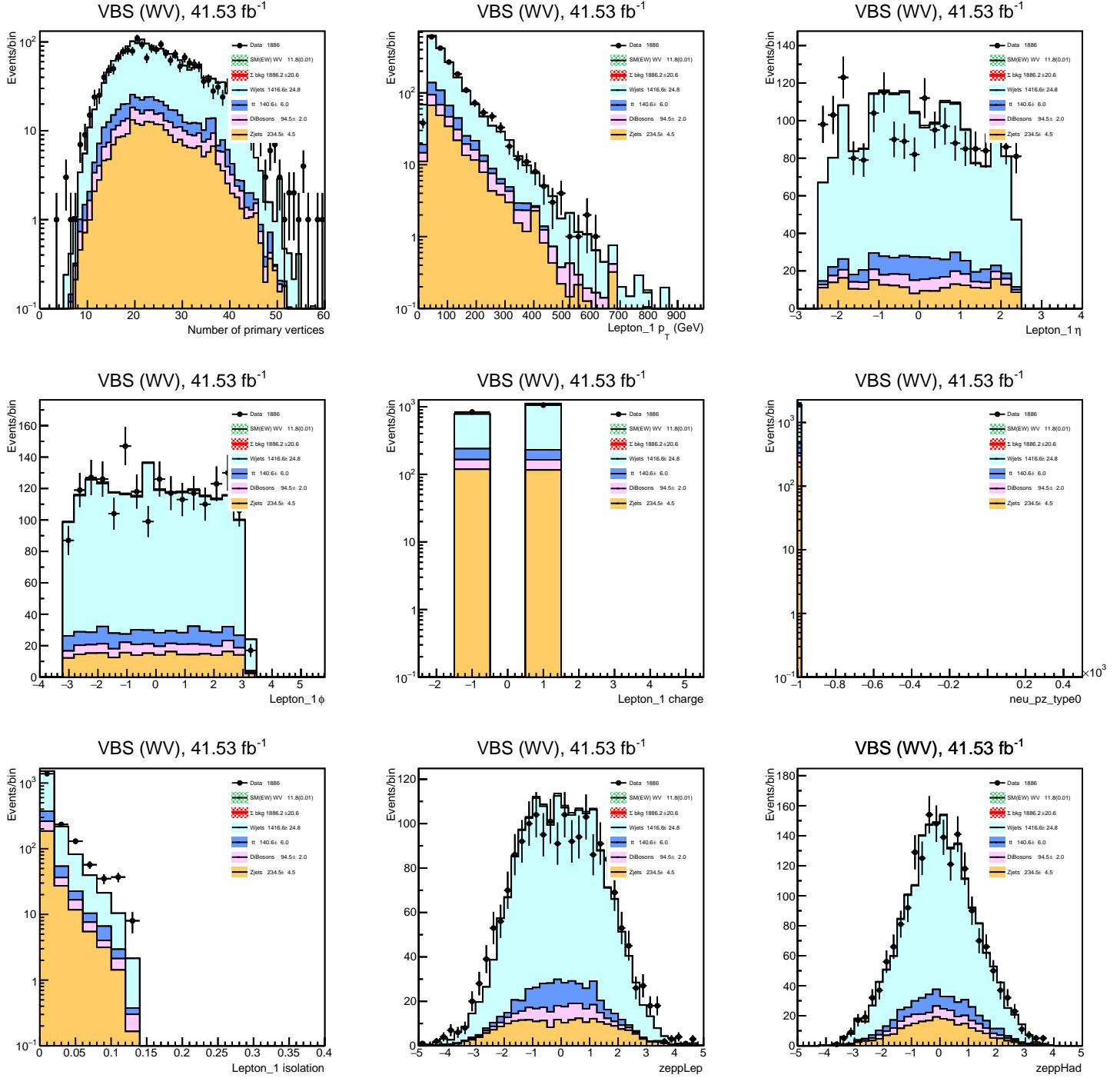


Figure 38: 2017 plot of c2 variables using cut: “Full_Wjets_CRscaled”

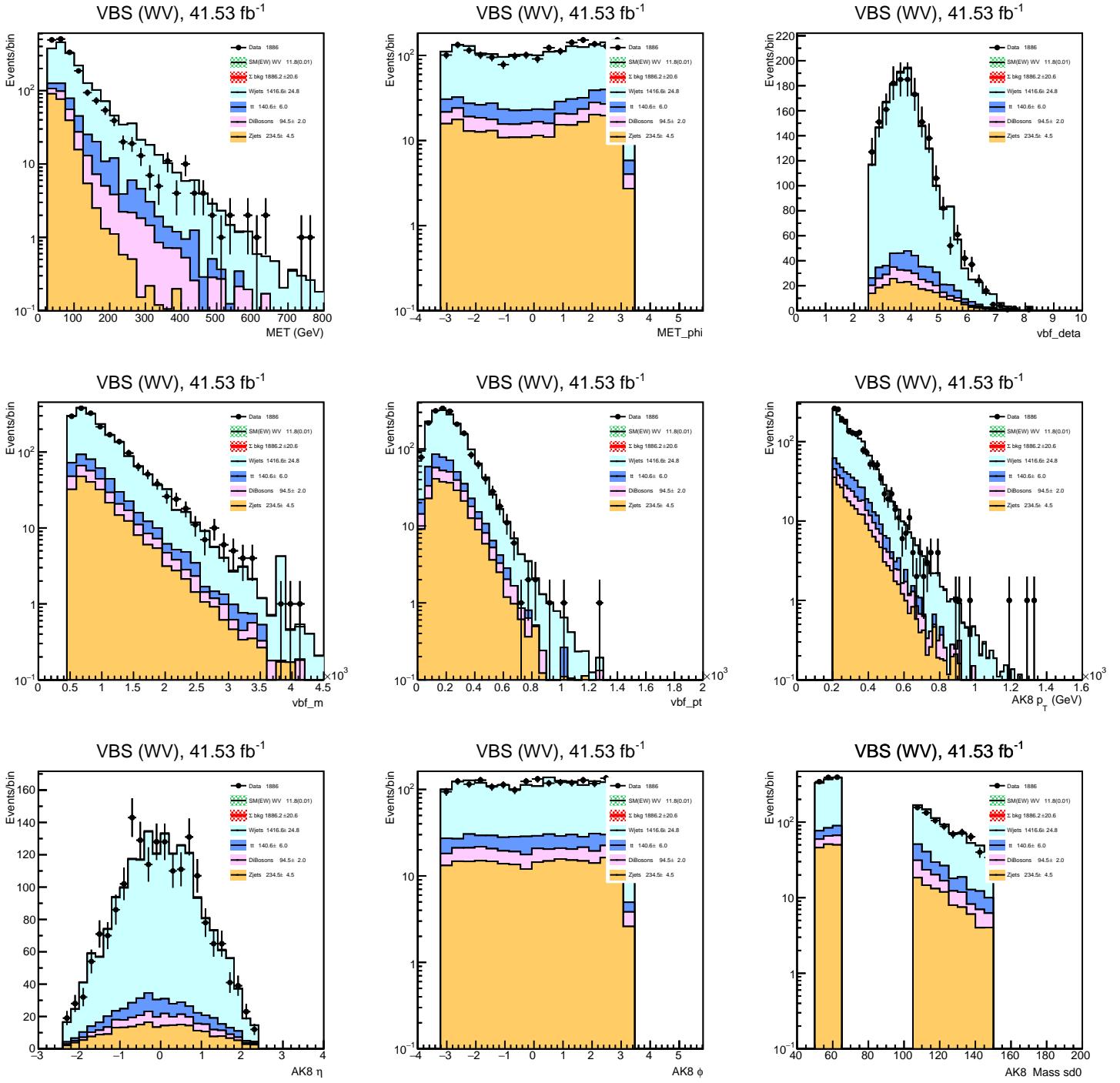
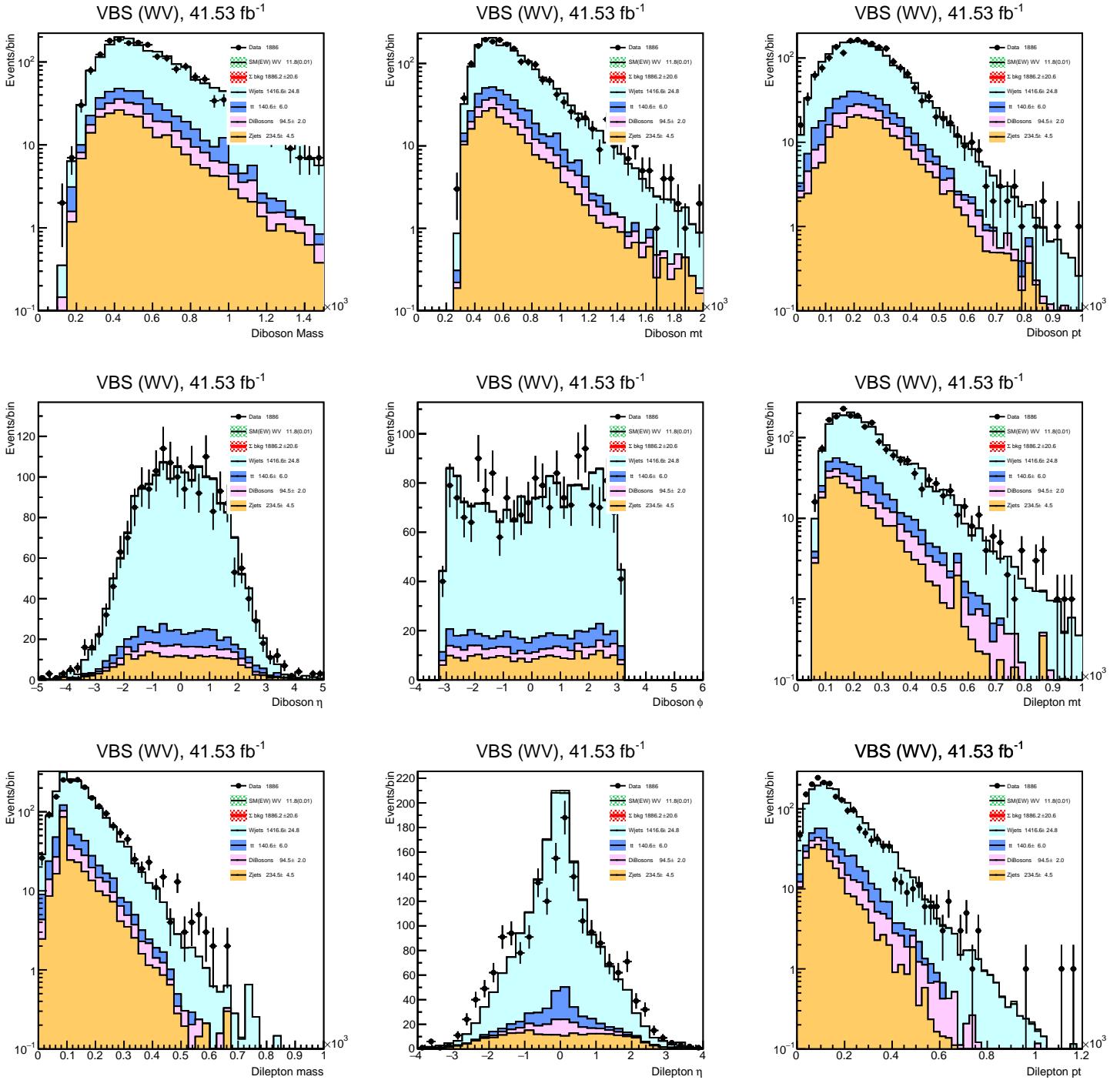


Figure 39: 2017 plot of c3 variables using cut: “Full_Wjets_CRscaled”



2018

test

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

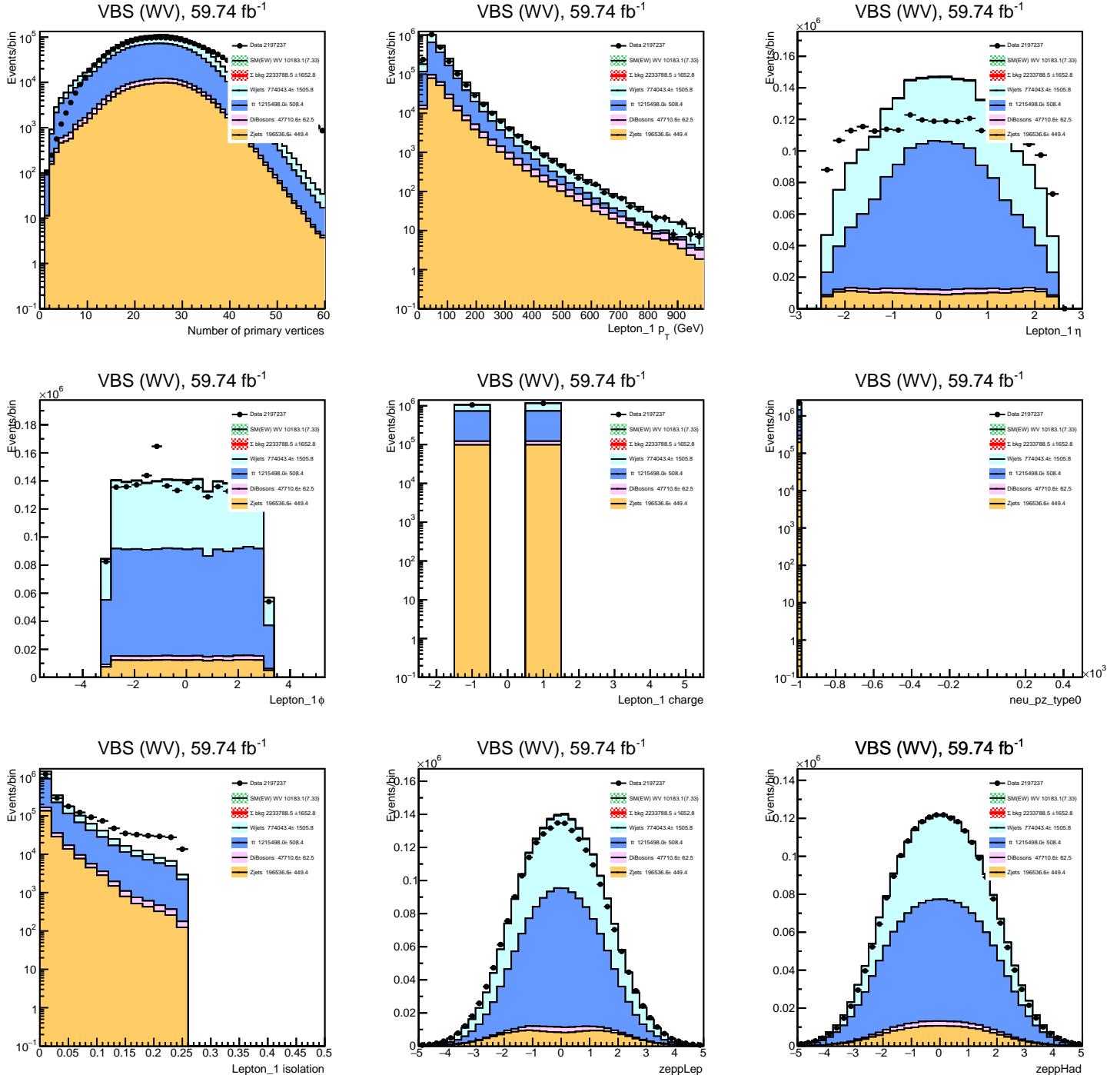


Figure 41: 2018 plot of c2 variables using cut: “test”

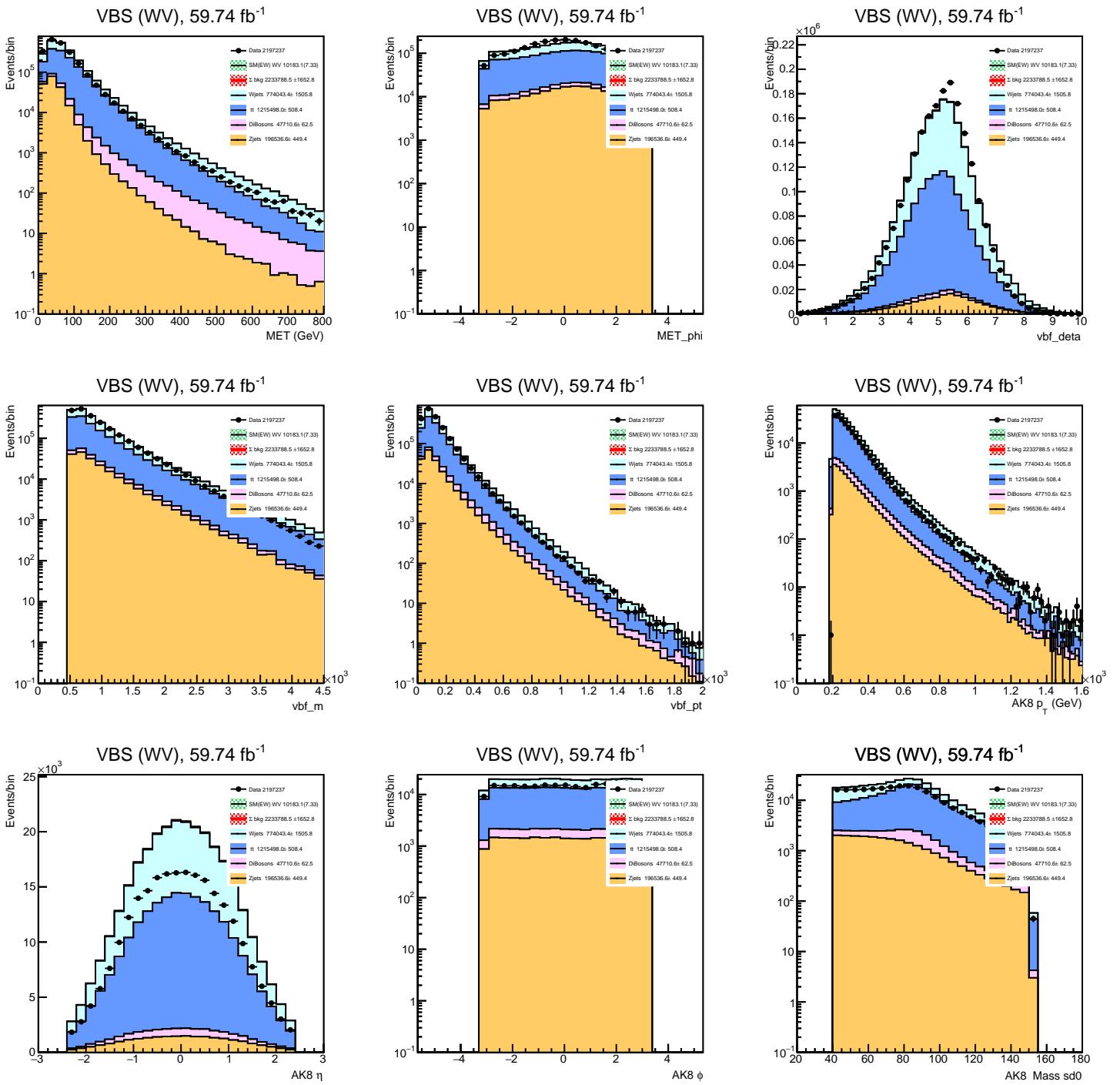
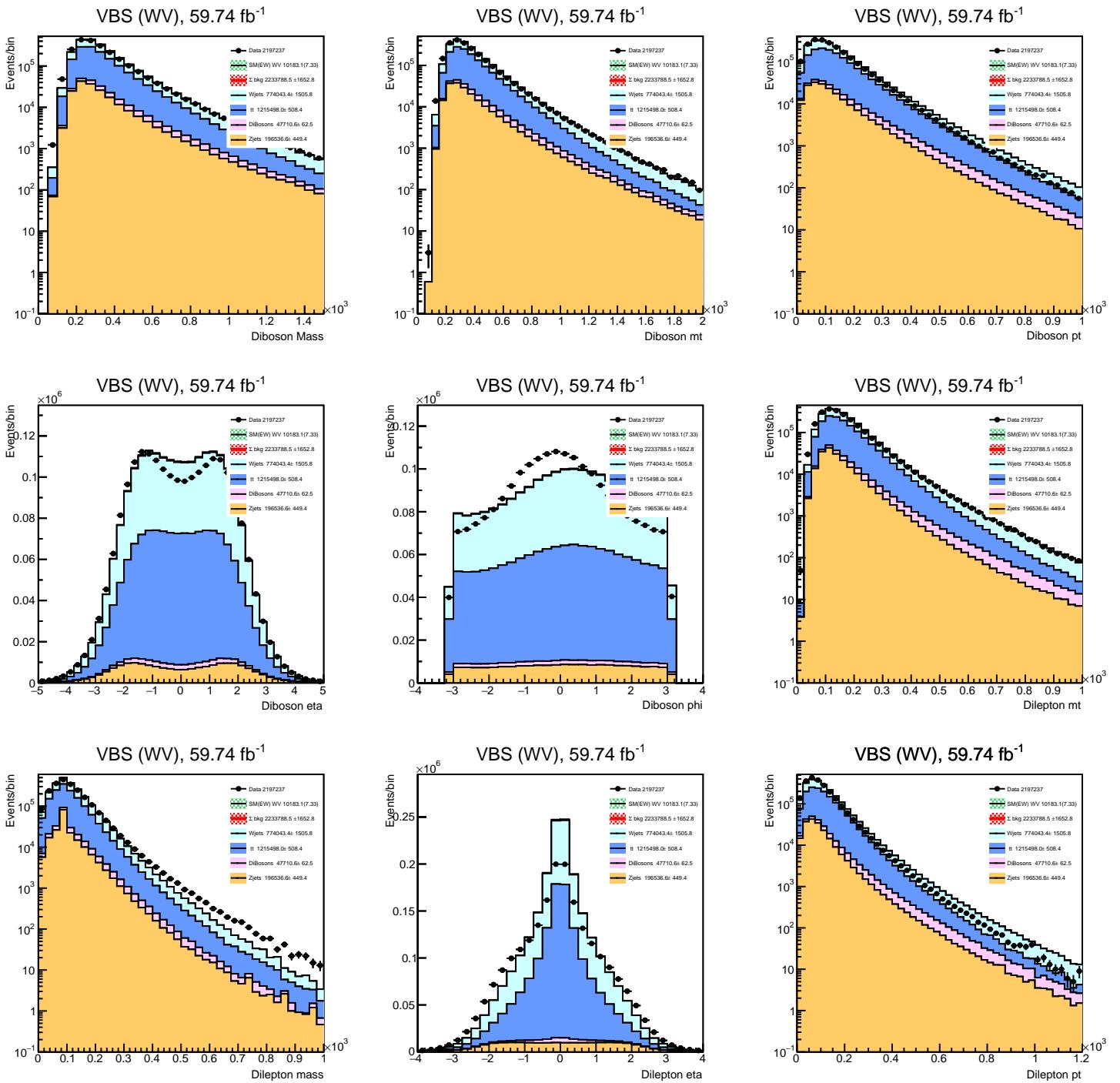


Figure 42: 2018 plot of c3 variables using cut: “test”



Full_SR

Figure 43: 2018 plot of c1 variables using cut: “Full_SR”

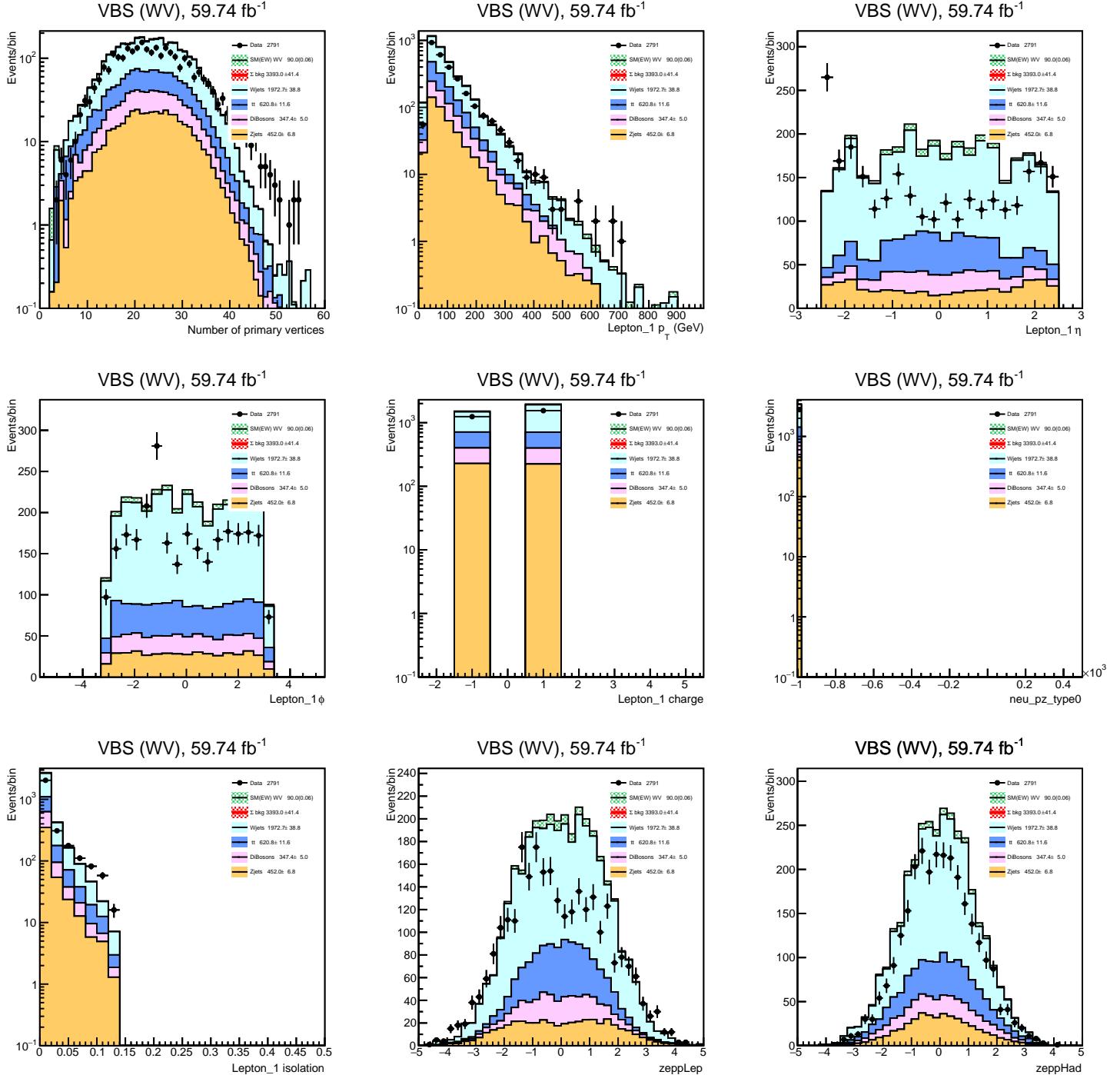


Figure 44: 2018 plot of c2 variables using cut: “Full_SR”

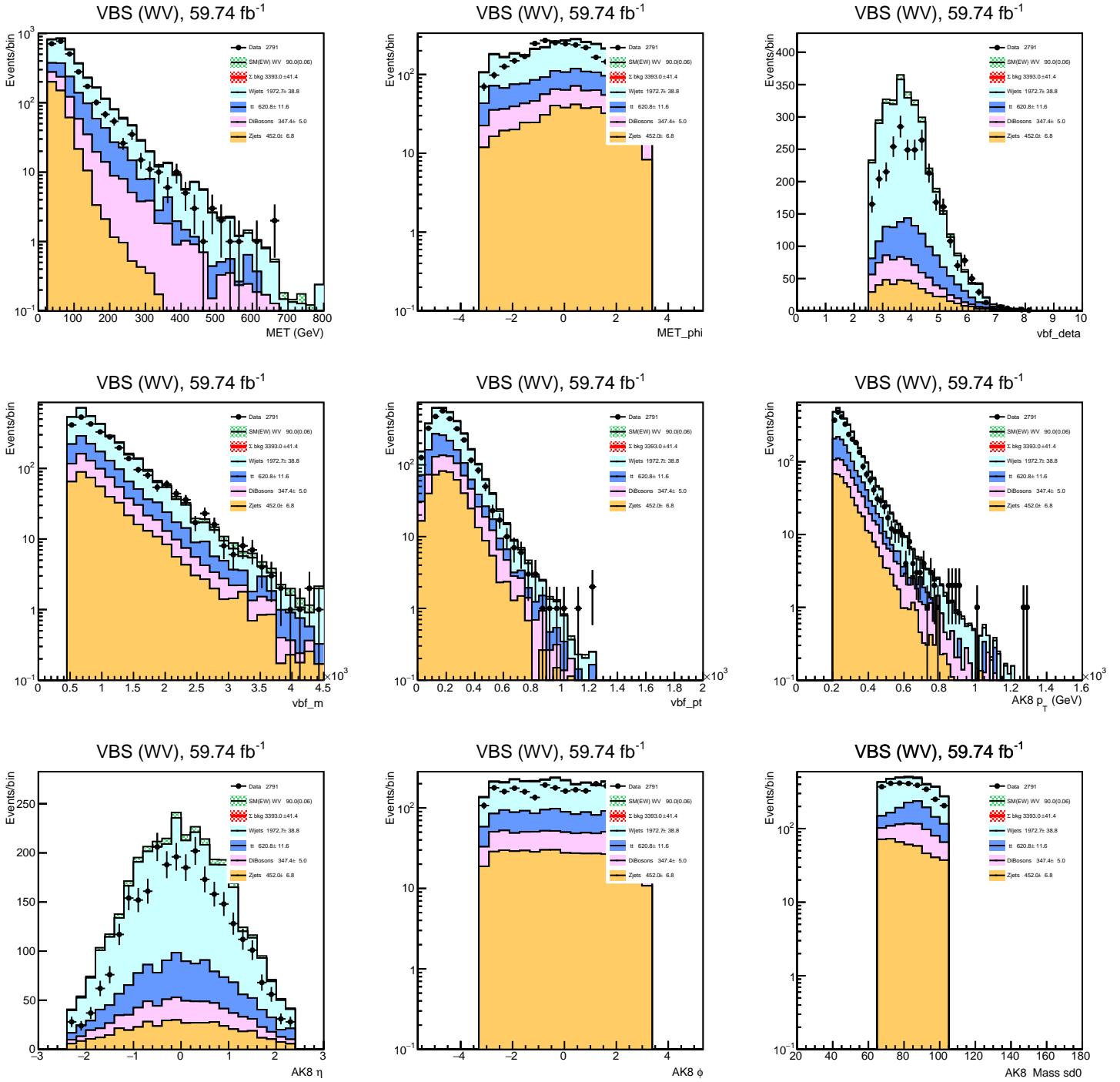
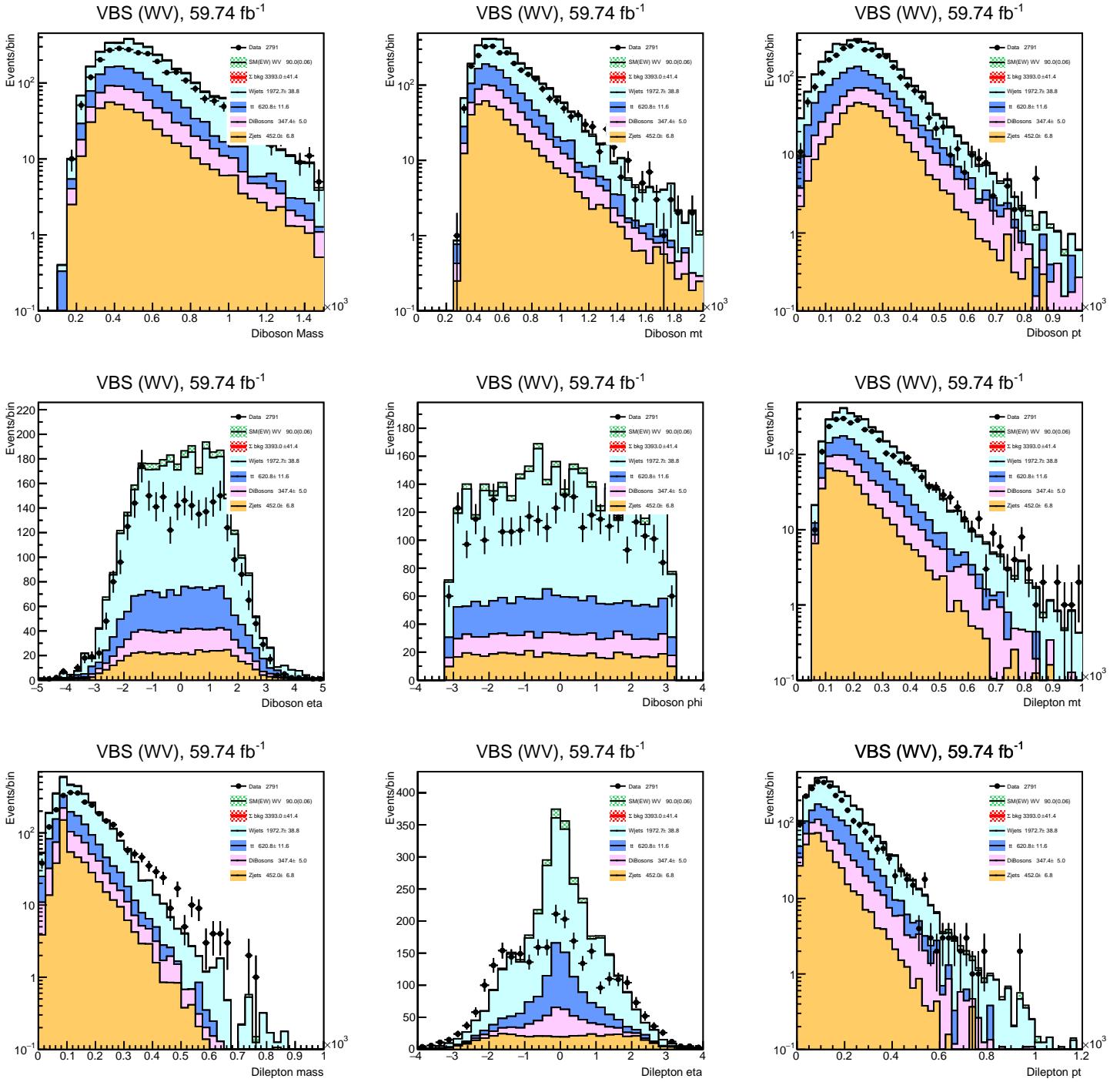


Figure 45: 2018 plot of c3 variables using cut: “Full_SR”



Full_Top_CR

Figure 46: 2018 plot of c1 variables using cut: “Full_Top_CR”

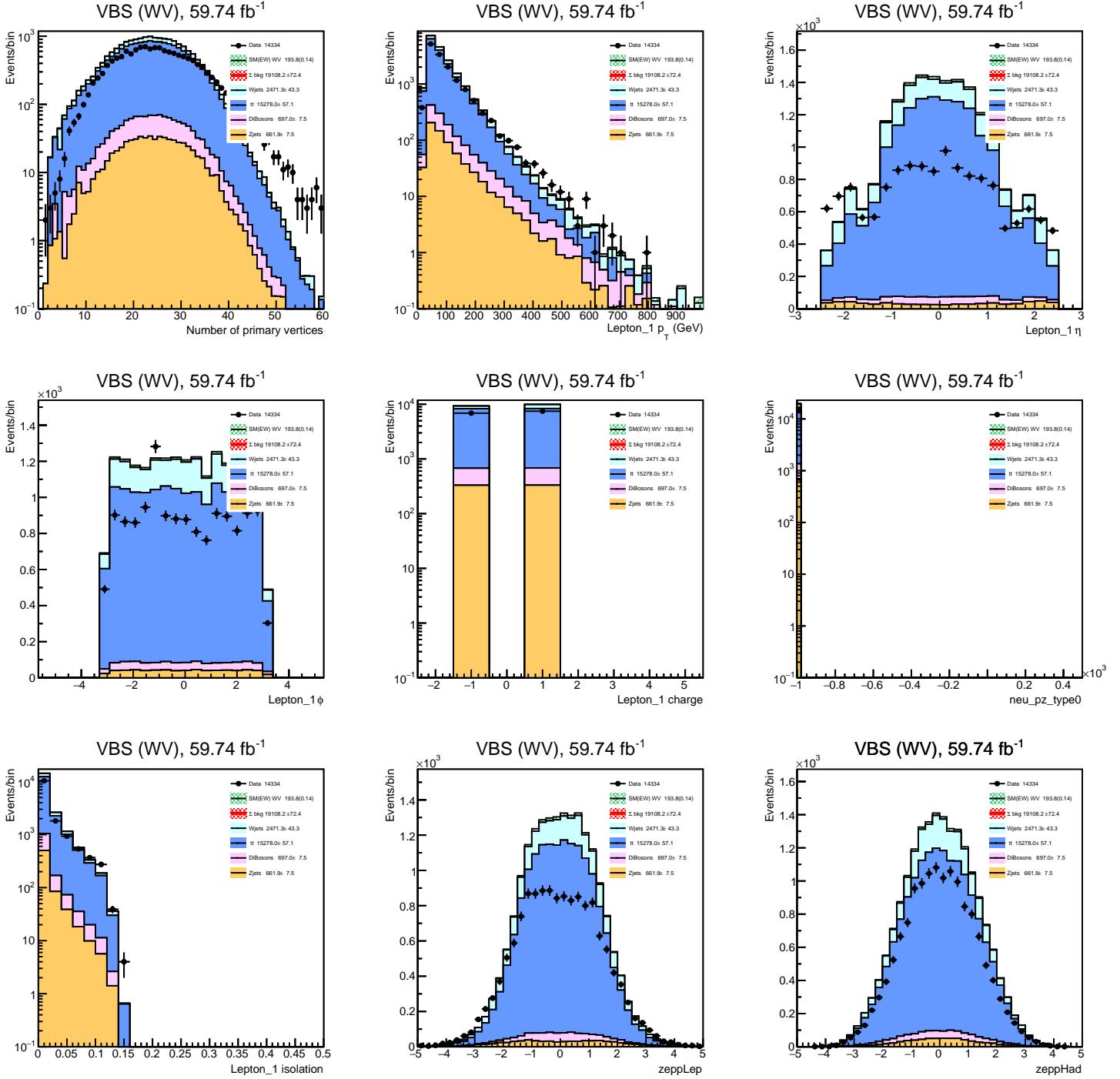


Figure 47: 2018 plot of c2 variables using cut: “Full_Top_CR”

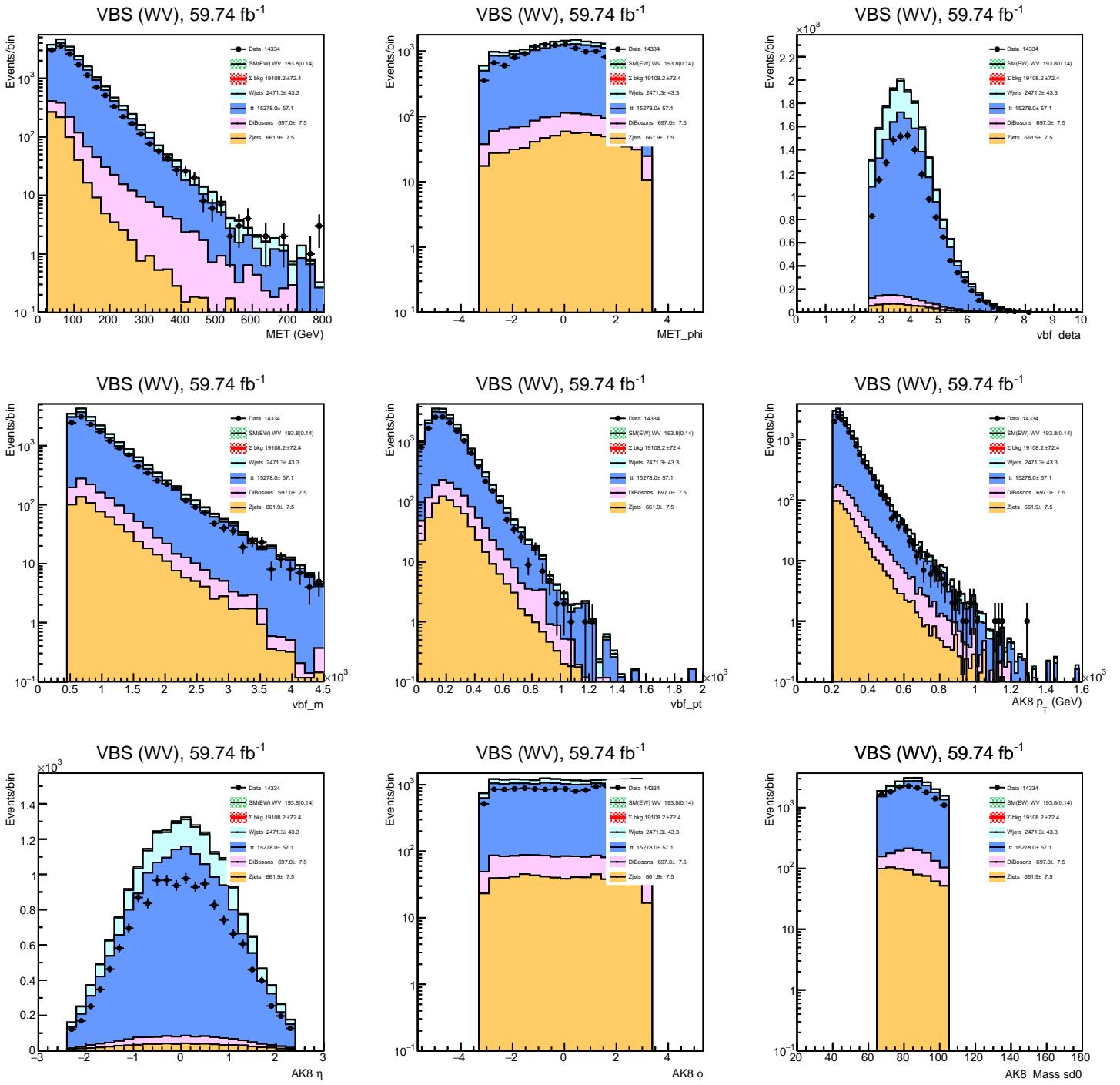
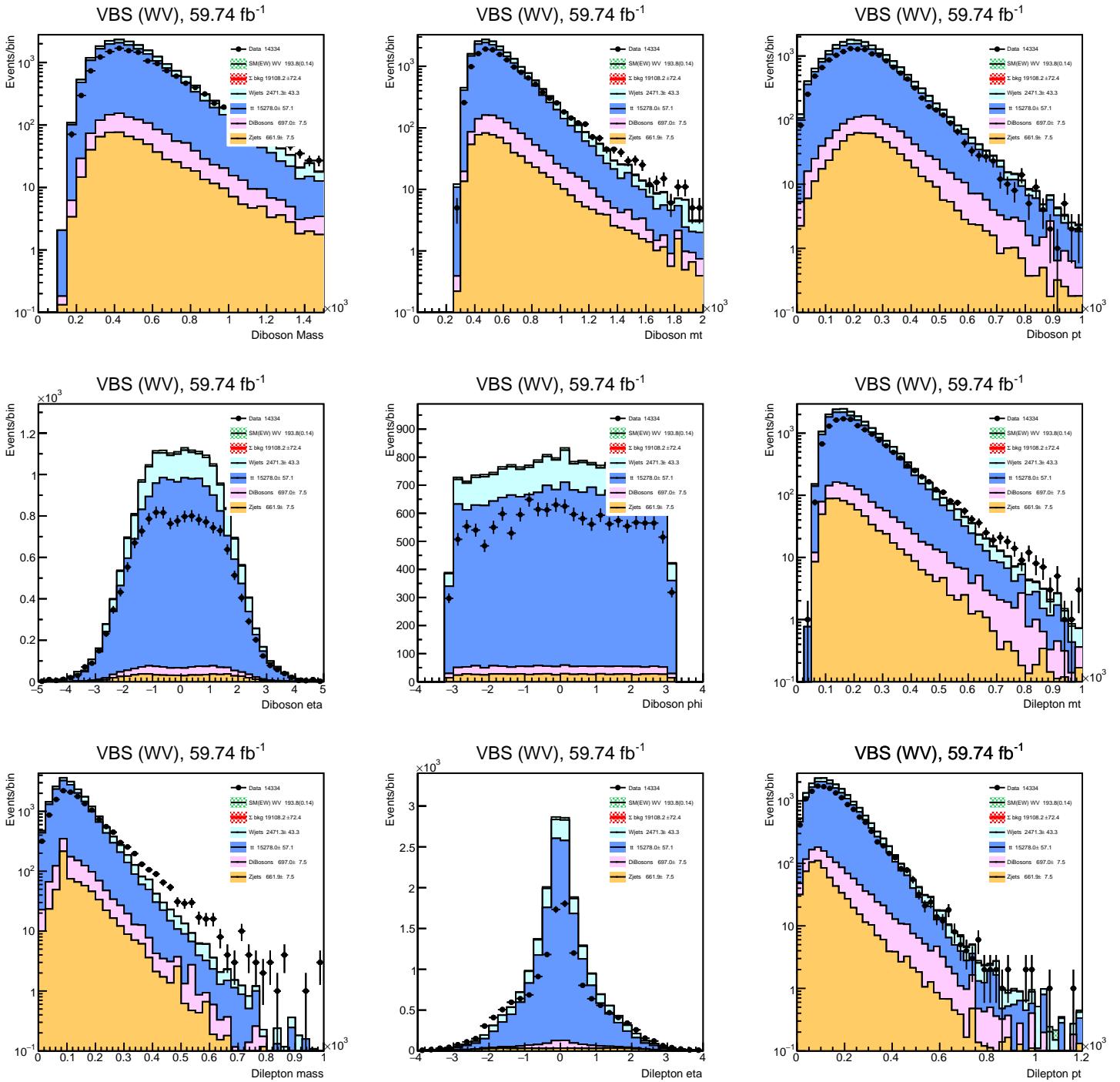


Figure 48: 2018 plot of c3 variables using cut: “Full_Top_CR”



Full_WV_SR

Figure 49: 2018 plot of c1 variables using cut: “Full_WV_SR”

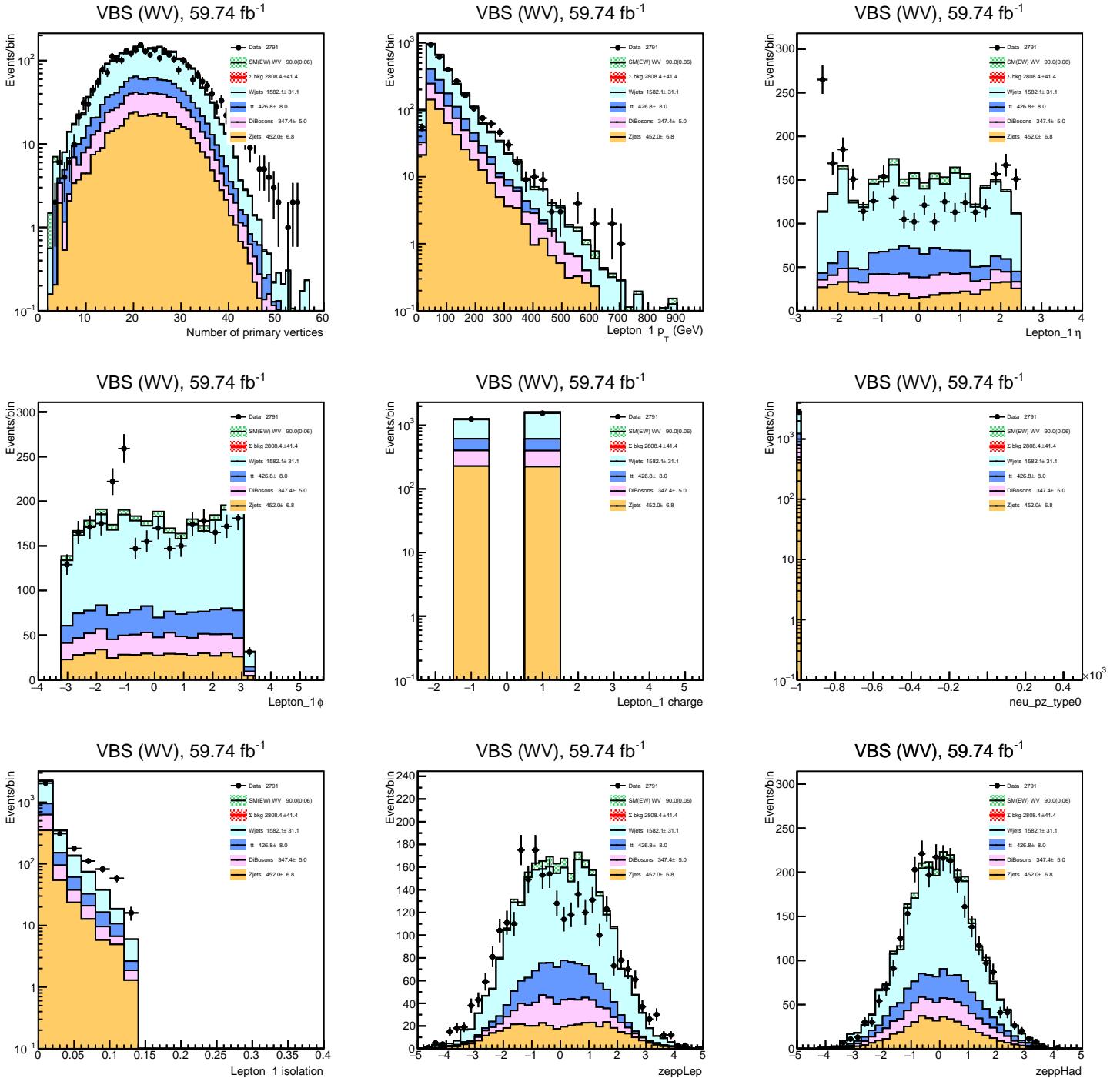


Figure 50: 2018 plot of c2 variables using cut: “Full_WV_SR”

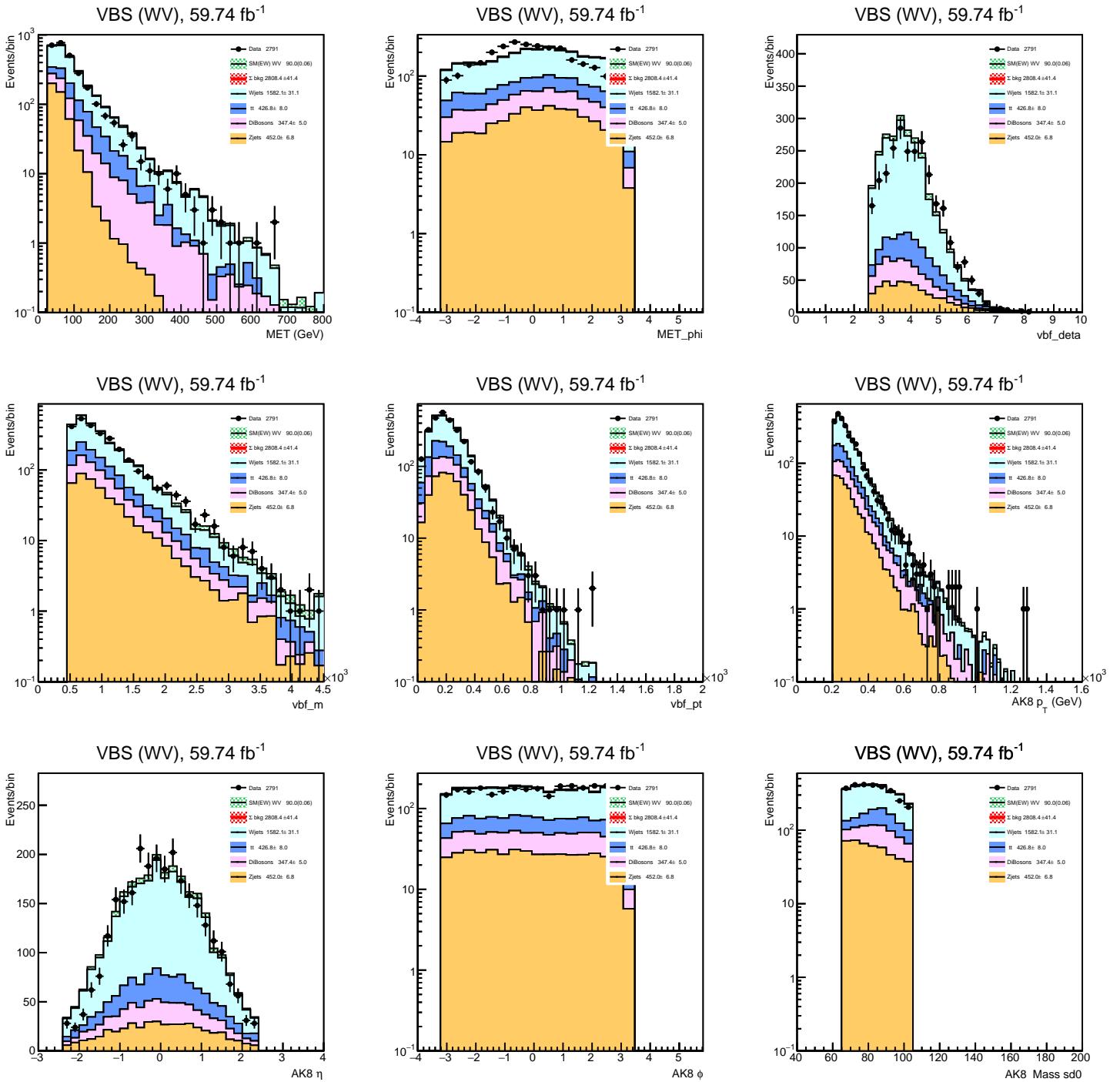
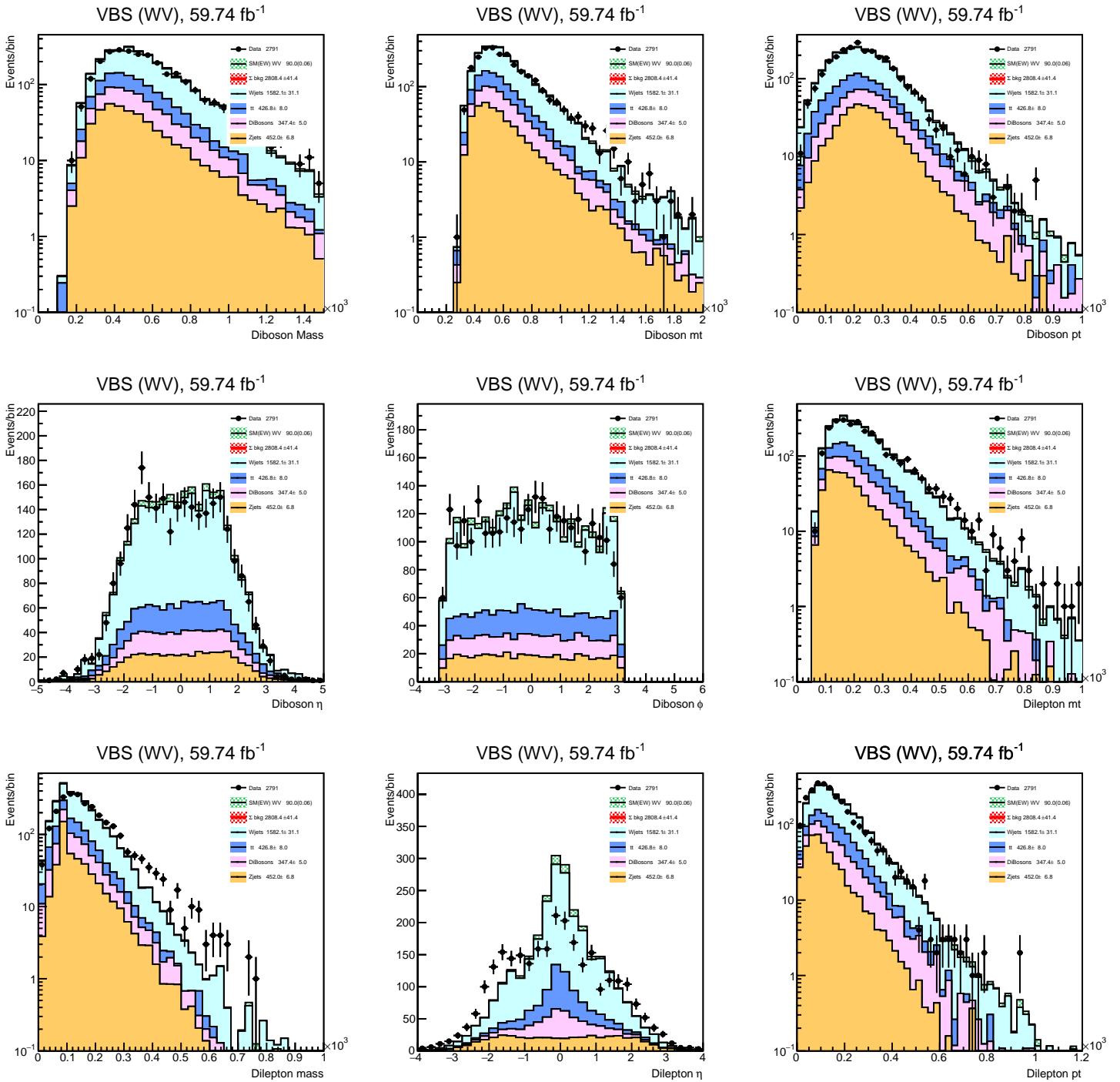


Figure 51: 2018 plot of c3 variables using cut: “Full_WV_SR”



Full_Wjets_CR

Figure 52: 2018 plot of c1 variables using cut: “Full_Wjets_CR”

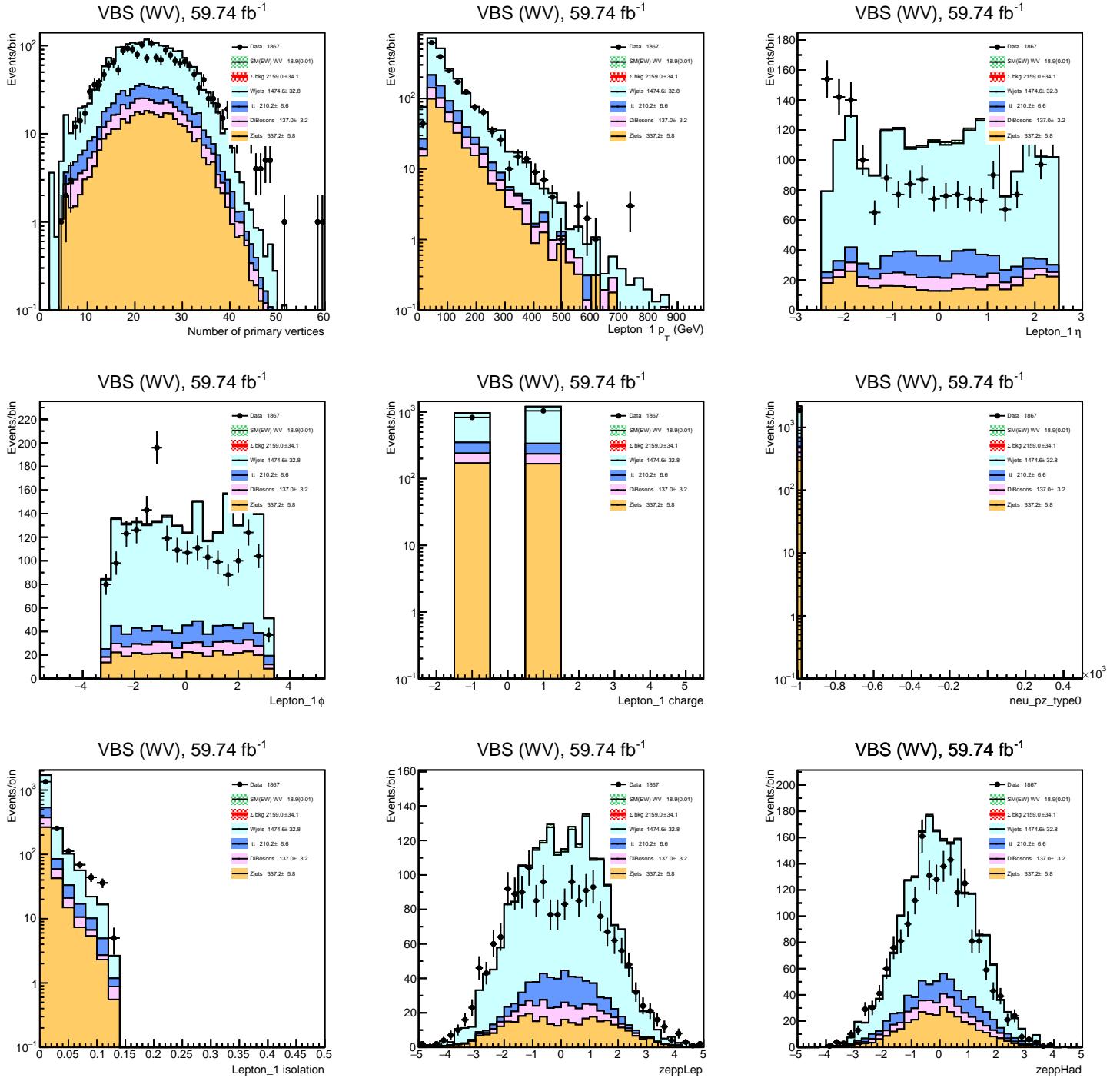


Figure 53: 2018 plot of c2 variables using cut: “Full_Wjets_CR”

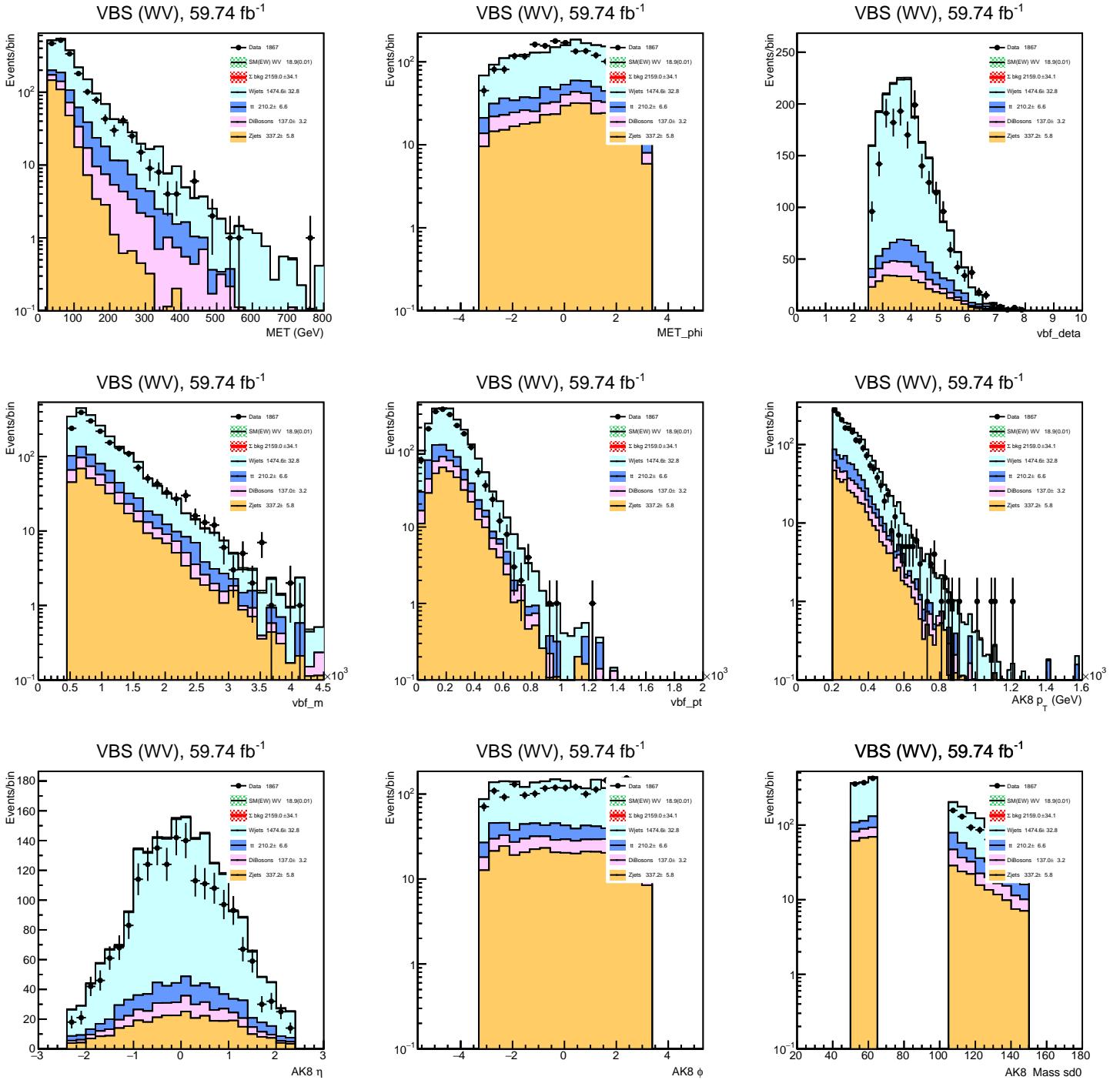
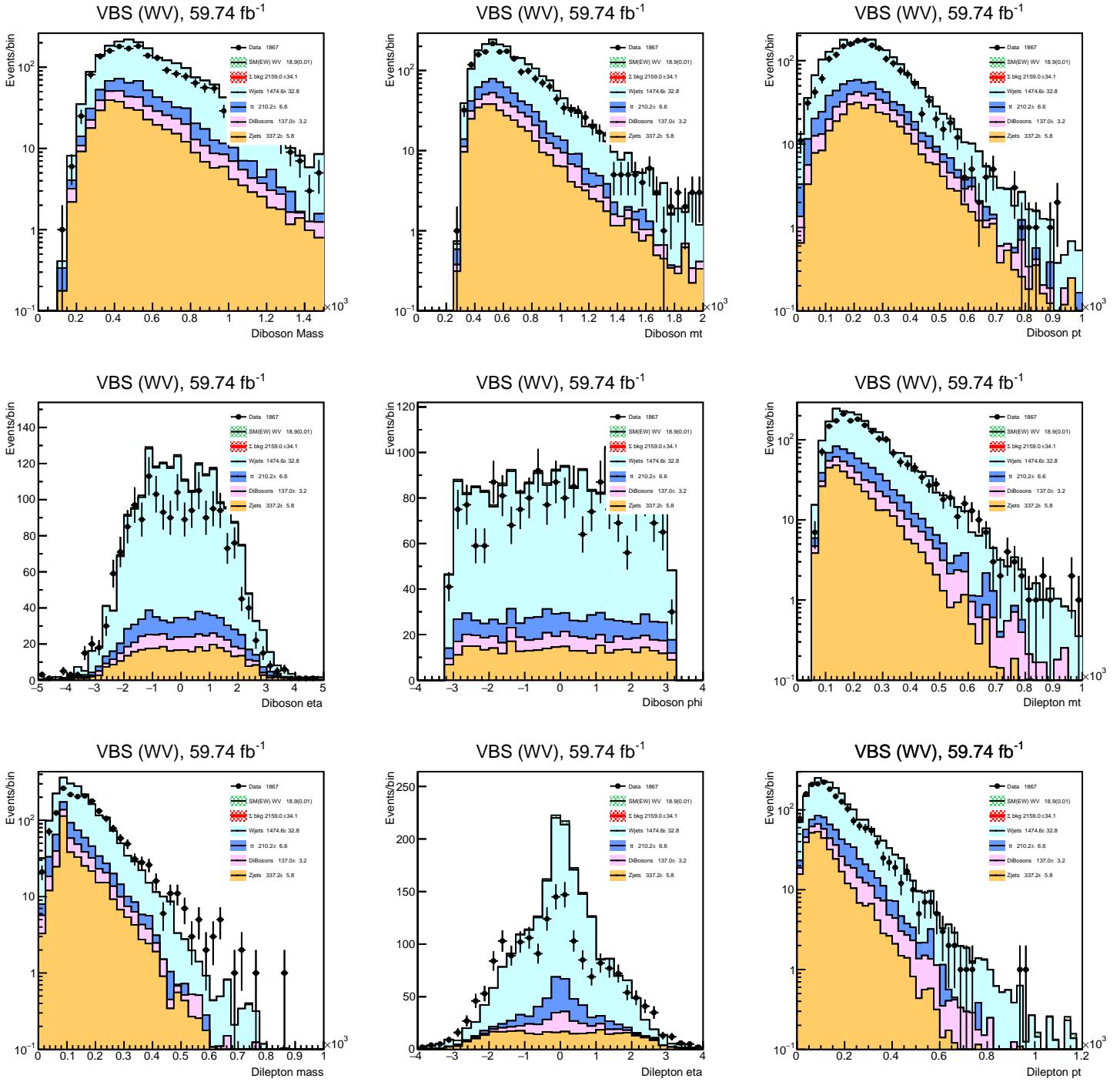


Figure 54: 2018 plot of c3 variables using cut: “Full_Wjets_CR”



Full_Wjets_CRscaled

Figure 55: 2018 plot of c1 variables using cut: “Full_Wjets_CRscaled”

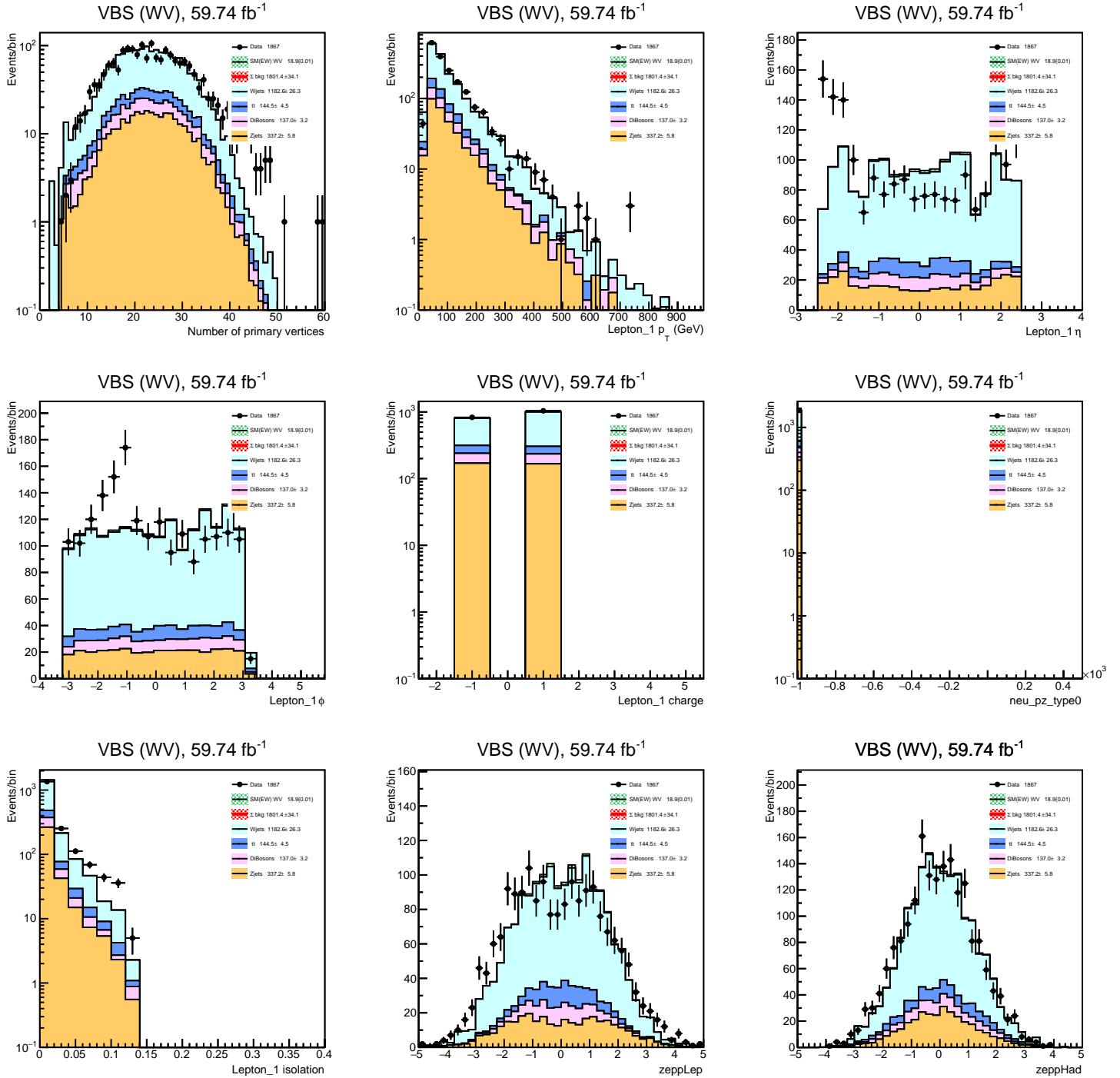


Figure 56: 2018 plot of c2 variables using cut: “Full_Wjets_CRscaled”

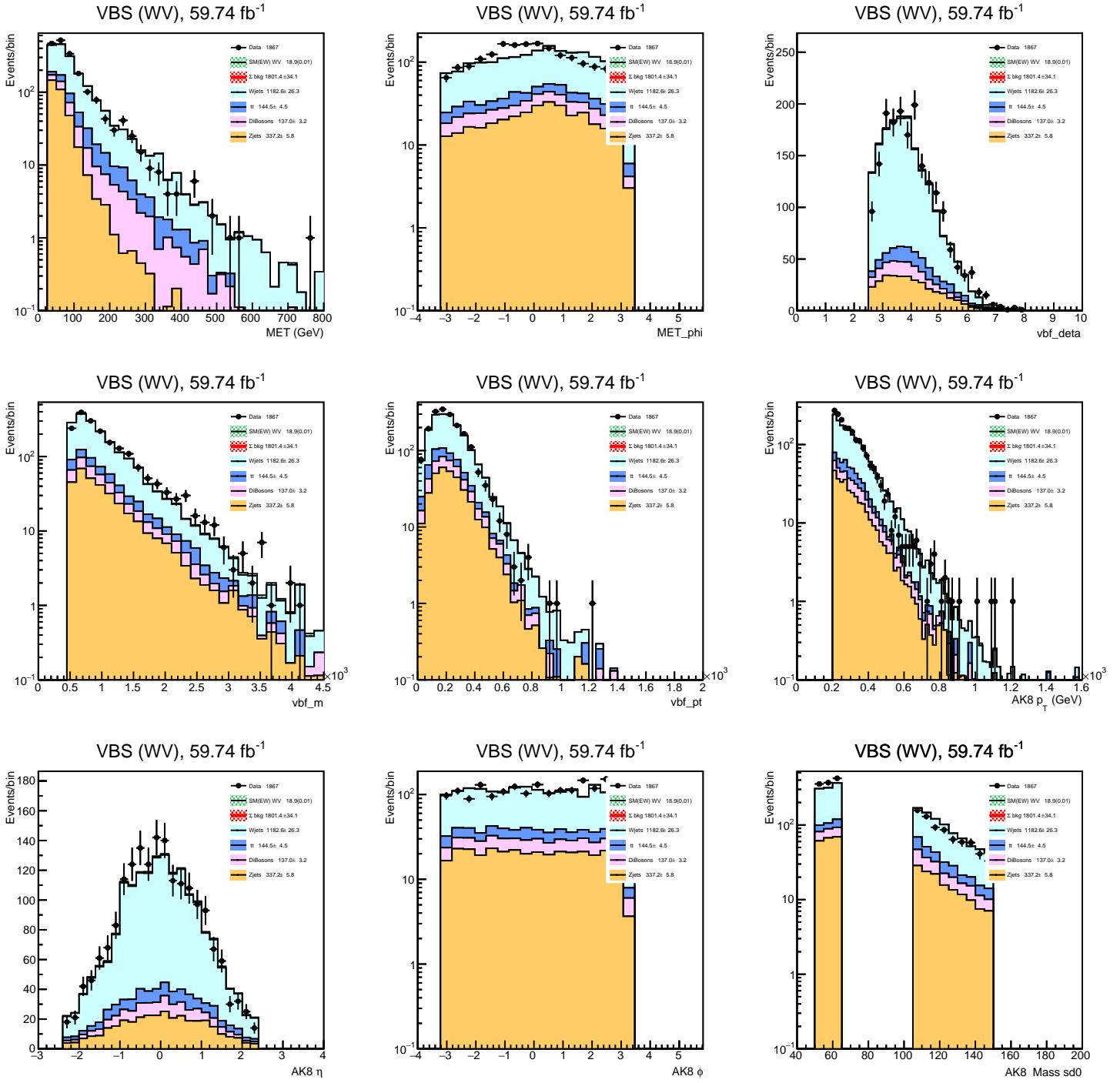
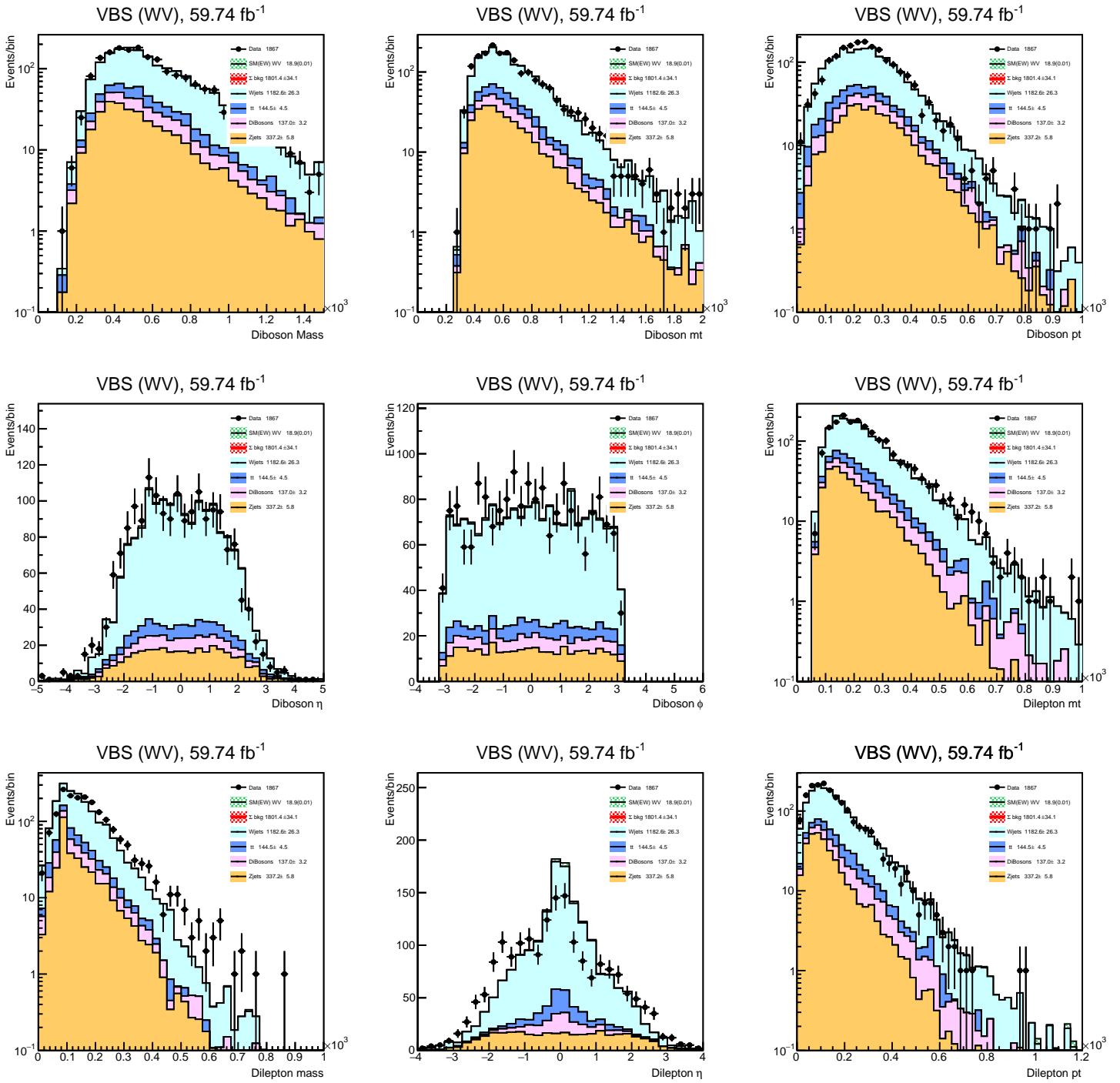


Figure 57: 2018 plot of c3 variables using cut: “Full_Wjets_CRscaled”



Full_Top_CRscaled

Figure 58: 2018 plot of c1 variables using cut: “Full_Top_CRscaled”

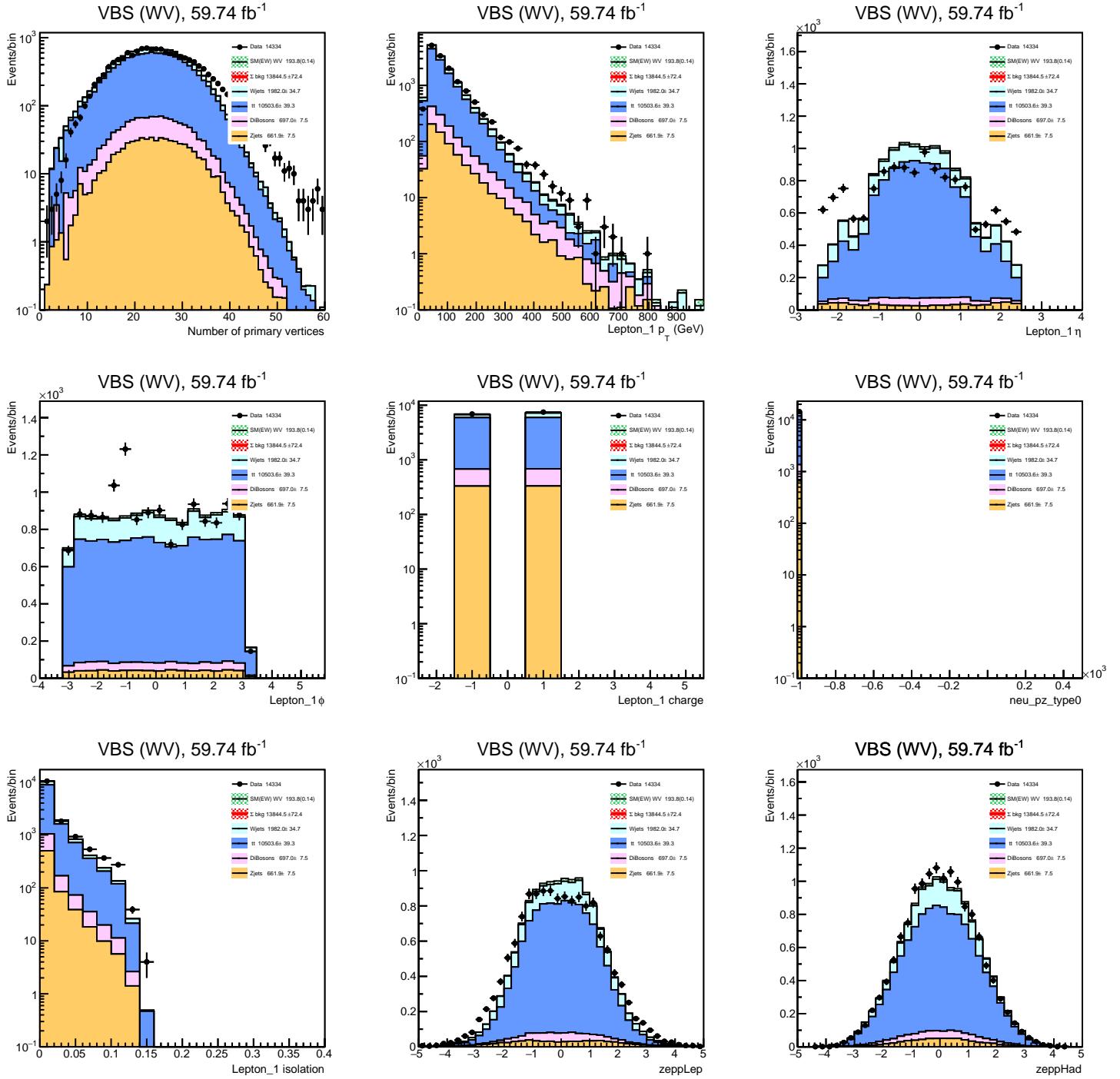


Figure 59: 2018 plot of c2 variables using cut: “Full_Top_CRscaled”

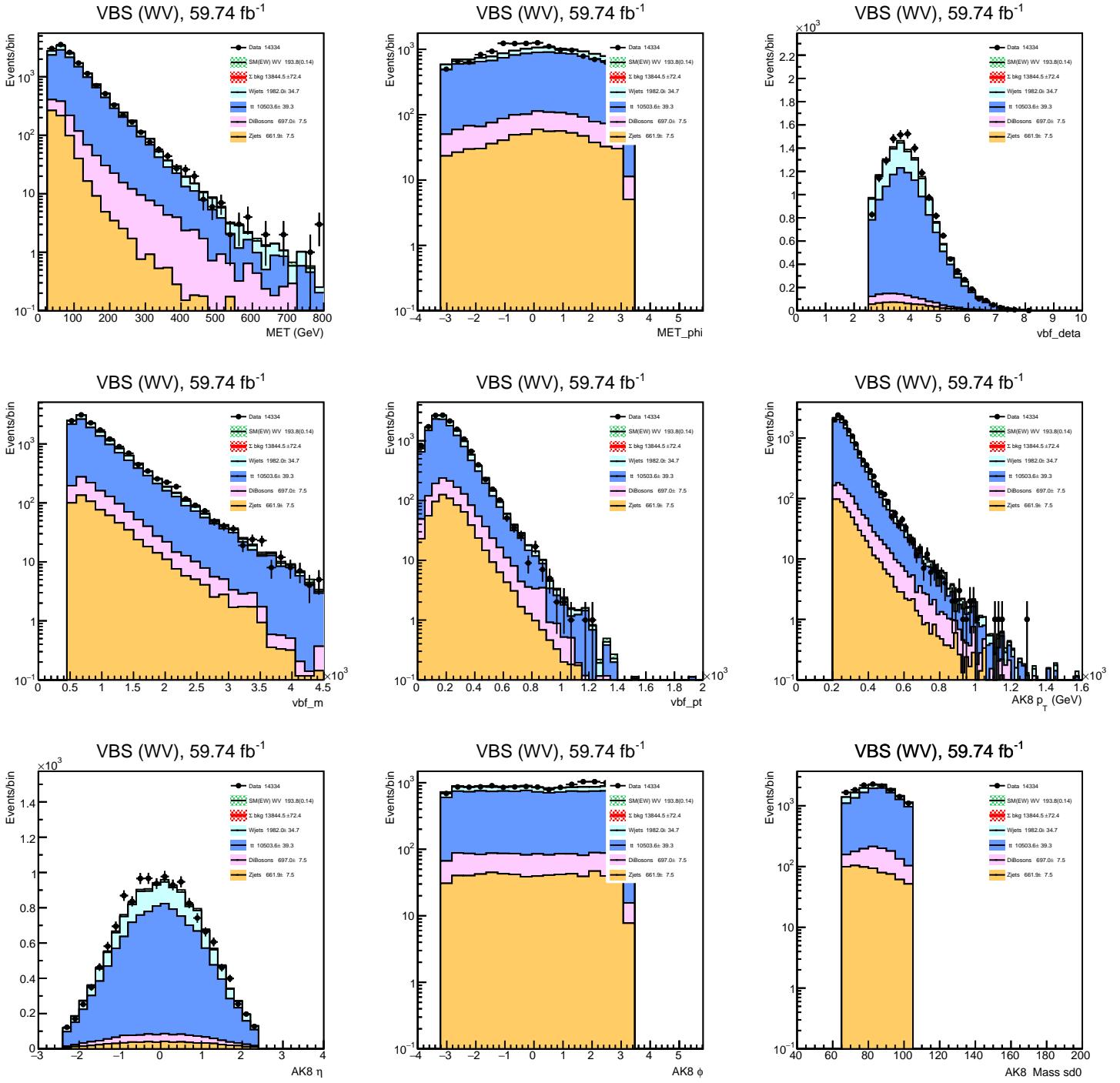


Figure 60: 2018 plot of c3 variables using cut: “Full_Top_CRscaled”

