Matching Validation and kinematics of W+ and extra-jets

MadReport

January 29, 2008

Contents

1 Production 1 details

```
xqcut=7
ickkw=1
qcut=20
q^2
wimpy
```

2 Production 2 details

```
xqcut=7
ickkw=1
qcut=20
q^2
power
```

3 Production 3 details

```
xqcut=7
ickkw=1
qcut=20
pt^2
parp(64)=1
wimpy
```

4 Production 4 details

```
xqcut=7
ickkw=1
qcut=20
pt^2
parp(64)=1
power
```

5 Production 5 details

```
xqcut=7
ickkw=1
qcut=20
pt^2
parp(64)=4
wimpy
```

6 Production 6 details

```
xqcut=7
ickkw=1
qcut=20
pt^2
parp(64)=4
power
```

7 Production 7 details

```
xqcut=7
ickkw=1
qcut=20
q^2
maxjets=0
wimpy
```

8 Production 8 details

```
xqcut=7
ickkw=1
qcut=20
q^2
maxjets=0
power
```

9 Production 9 details

```
xqcut=7
ickkw=1
qcut=20
pt^2
parp(64)=1
maxjets=0
wimpy
```

10 Production 10 details

```
xqcut=7
ickkw=1
qcut=20
pt^2
parp(64)=1
maxjets=0
power
```

11 Production 11 details

```
xqcut=7
ickkw=1
qcut=20
pt^2
parp(64)=4
maxjets=0
wimpy
```

12 Production 12 details

```
xqcut=7
ickkw=1
qcut=20
pt^2
parp(64)=4
maxjets=0
power
```

13 Differential Jet Rate

13.1 Production 1

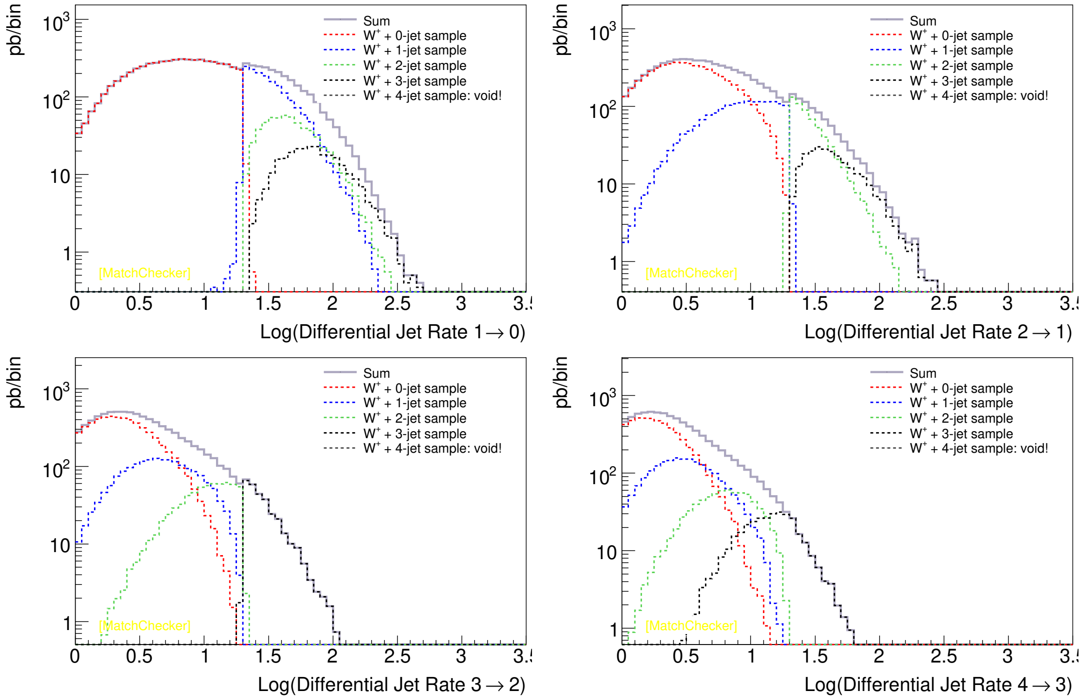

Figure 1: Differential jet rate with $Qcut$= 20 GeV.

13.2 Production 2

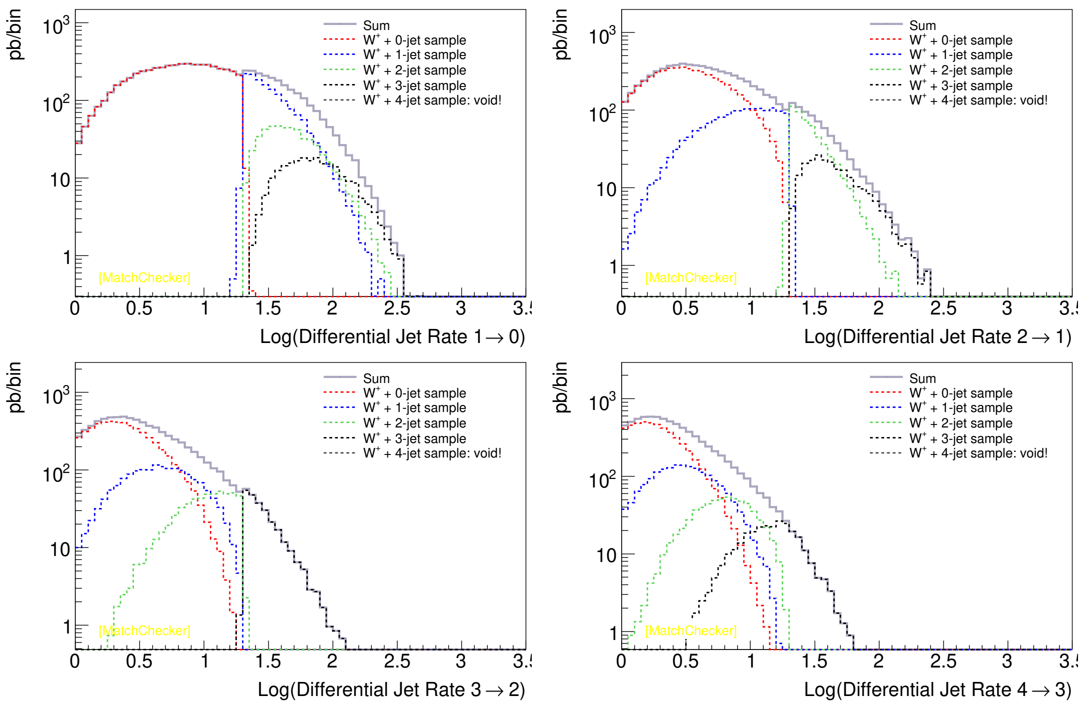

Figure 2: Differential jet rate with $Qcut$= 20 GeV.

13.3 Production 3

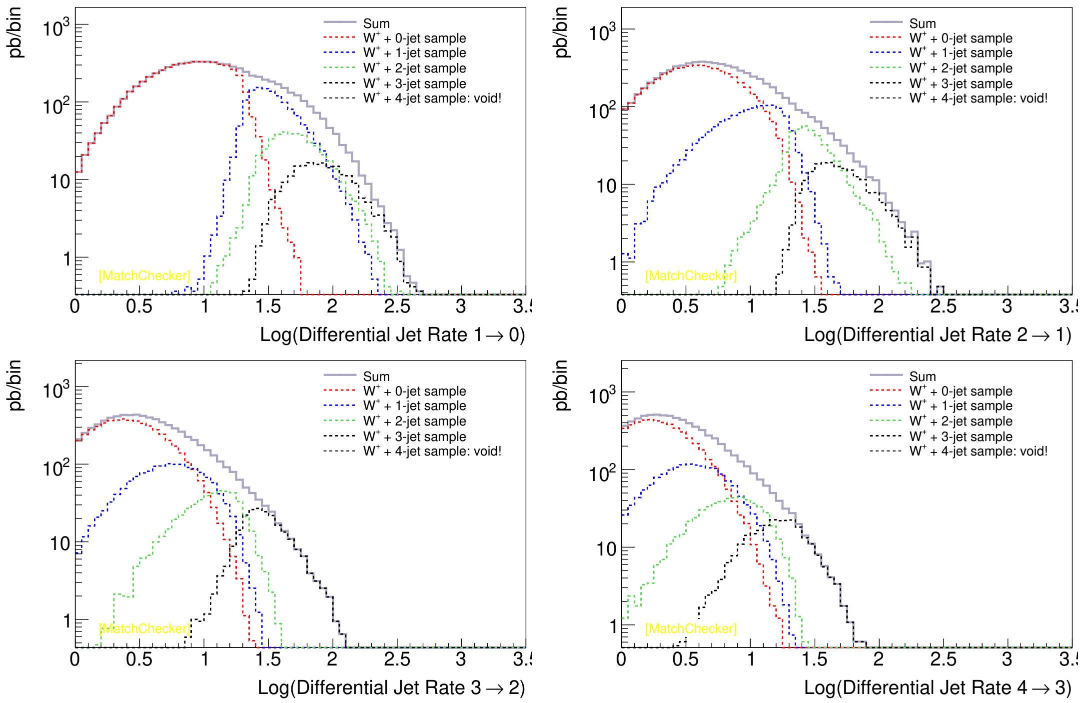

Figure 3: Differential jet rate with $Qcut$= 20 GeV.

13.4 Production 4

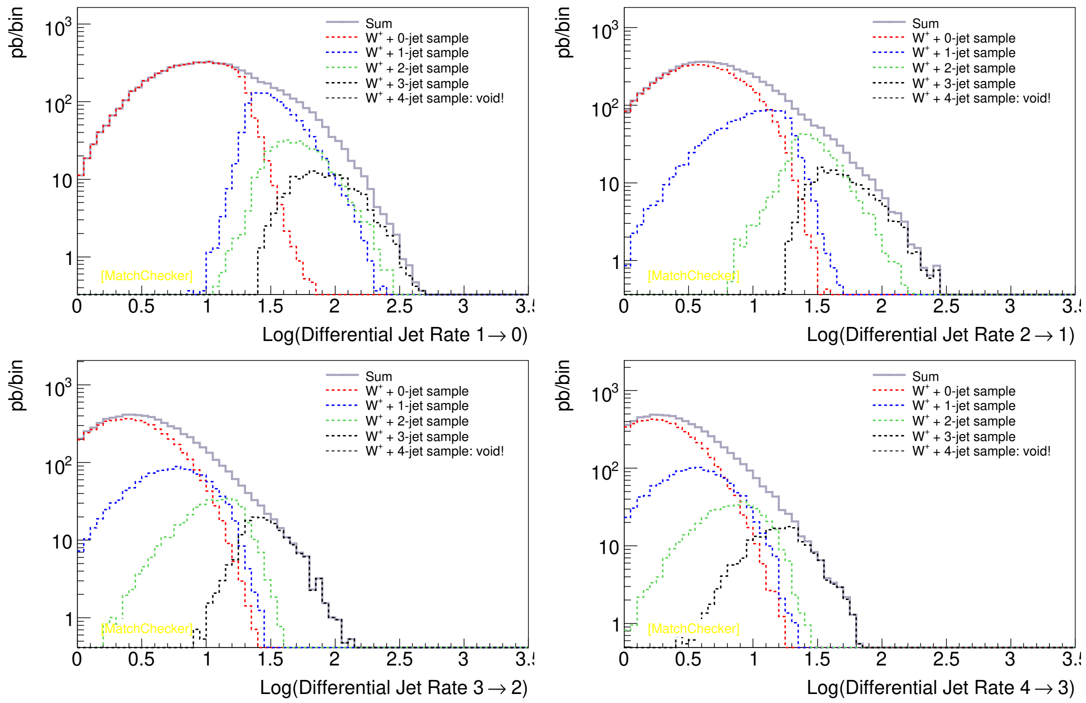

Figure 4: Differential jet rate with $Qcut$= 20 GeV.

13.5 Production 5

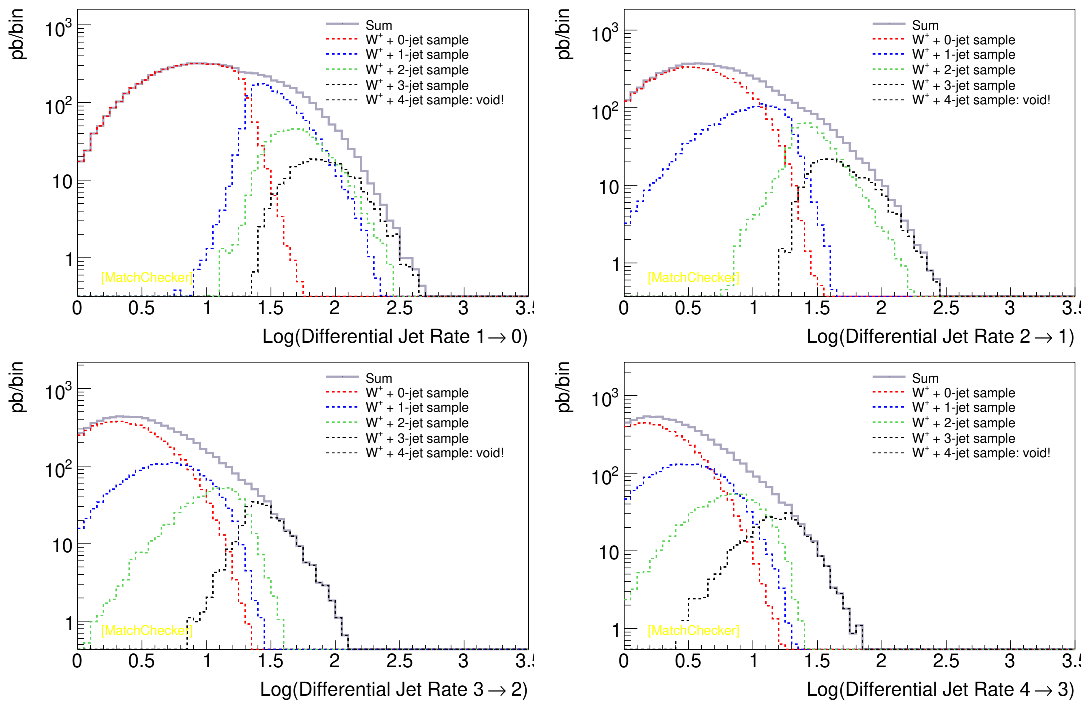

Figure 5: Differential jet rate with $Qcut$= 20 GeV.

13.6 Production 6

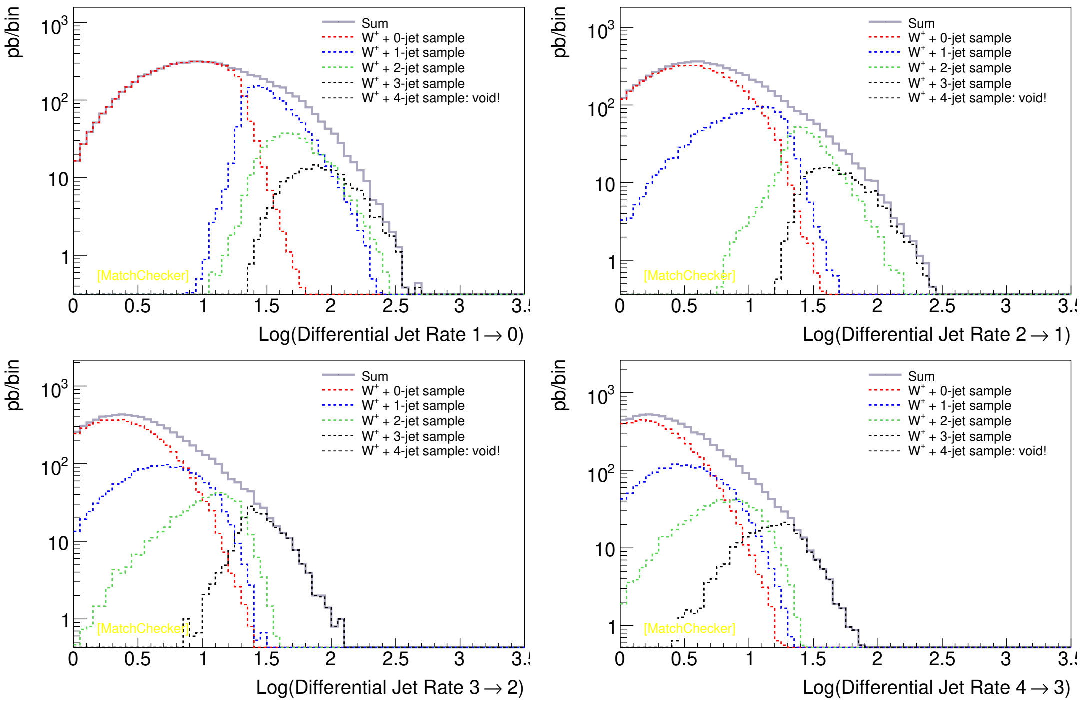

Figure 6: Differential jet rate with $Qcut$= 20 GeV.

13.7 Production 7

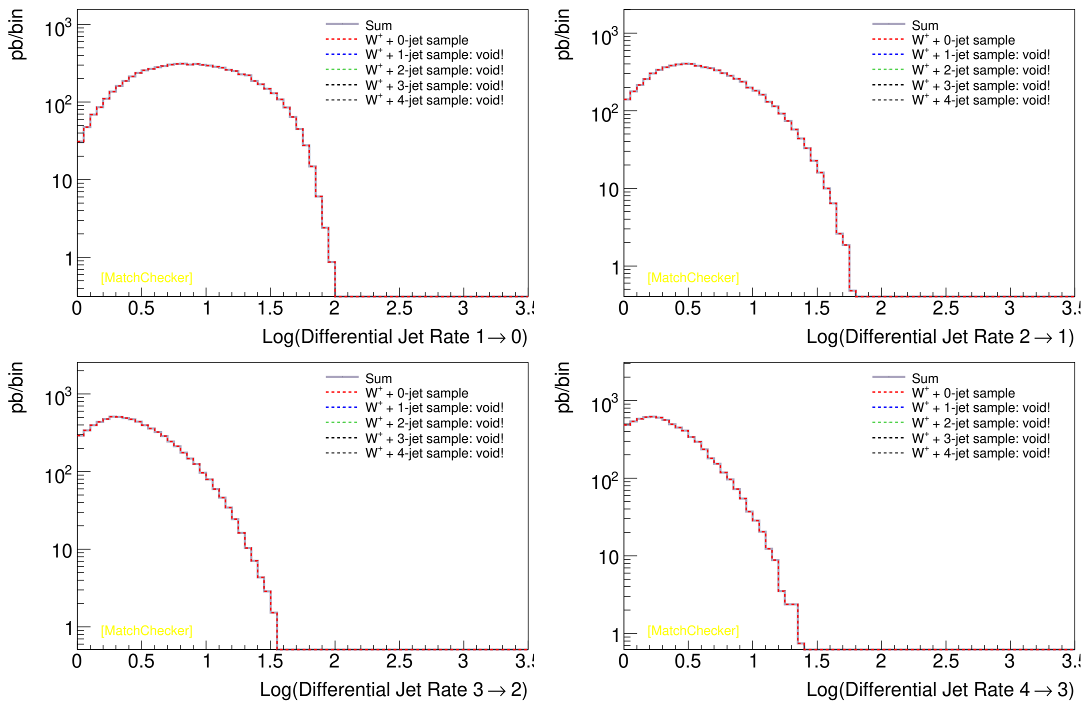

Figure 7: Differential jet rate with $Qcut$= 20 GeV.

13.8 Production 8

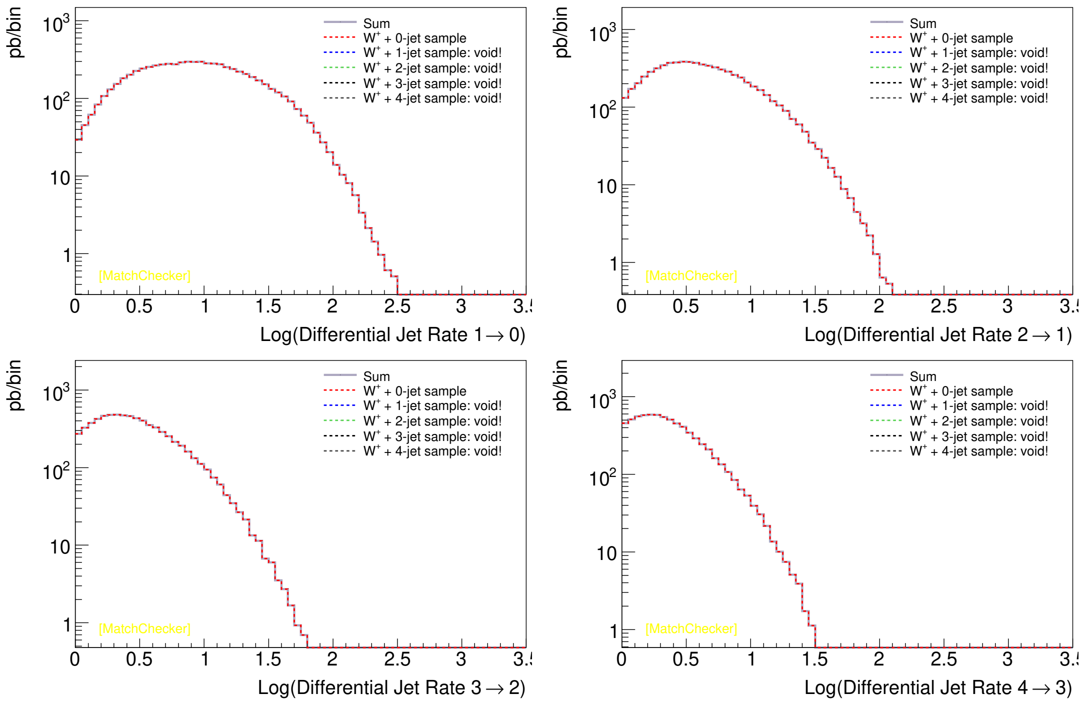

Figure 8: Differential jet rate with $Qcut$= 20 GeV.

13.9 Production 9

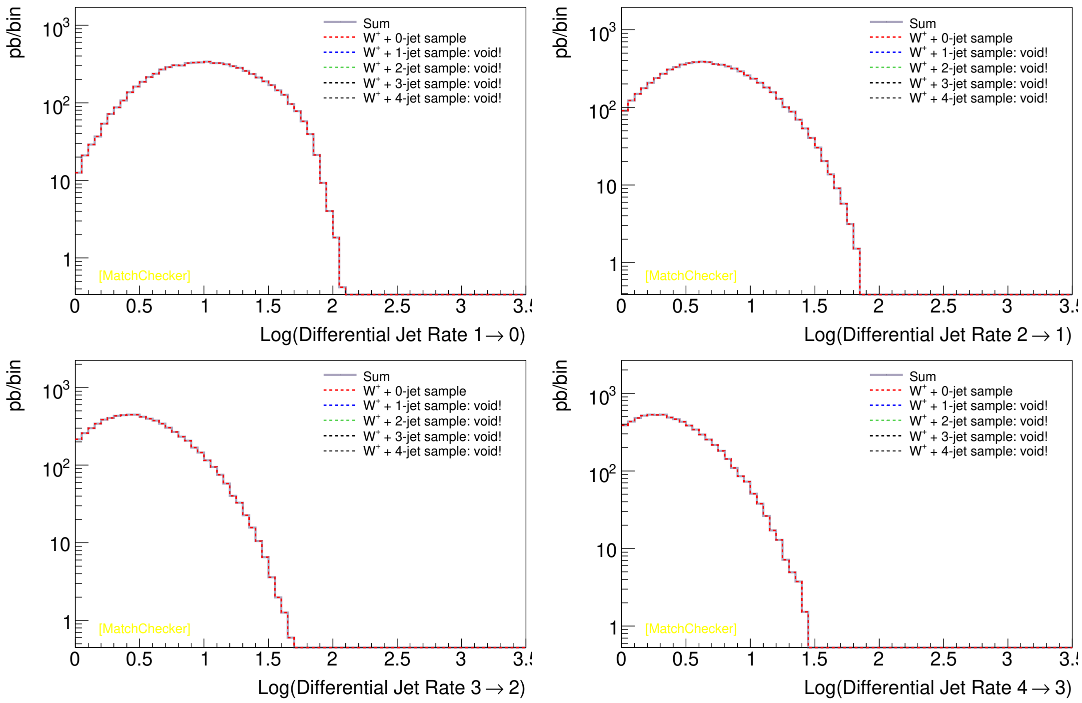

Figure 9: Differential jet rate with $Qcut$= 20 GeV.

13.10 Production 10

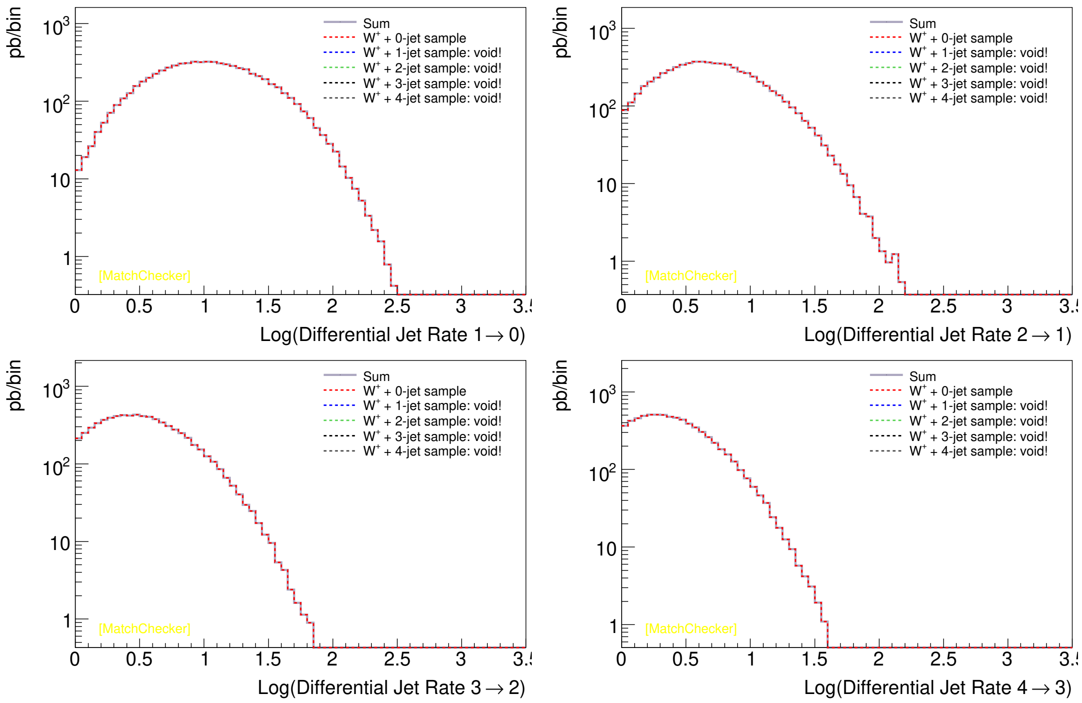

Figure 10: Differential jet rate with $Qcut$= 20 GeV.

13.11 Production 11

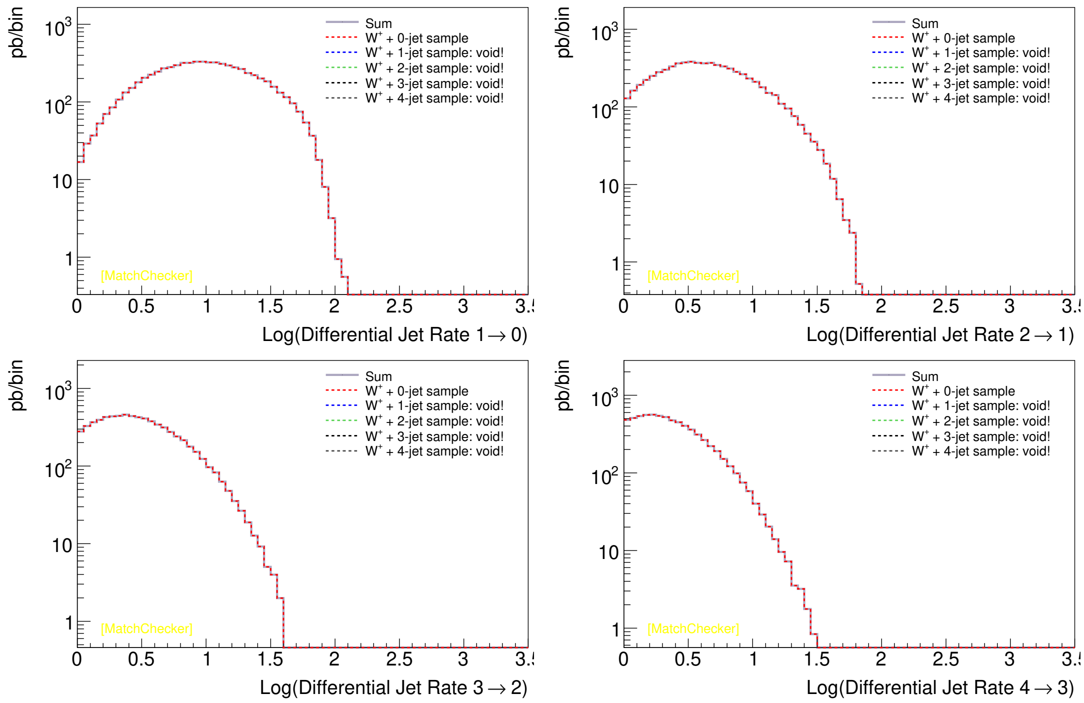

Figure 11: Differential jet rate with $Qcut$= 20 GeV.

13.12 Production 12

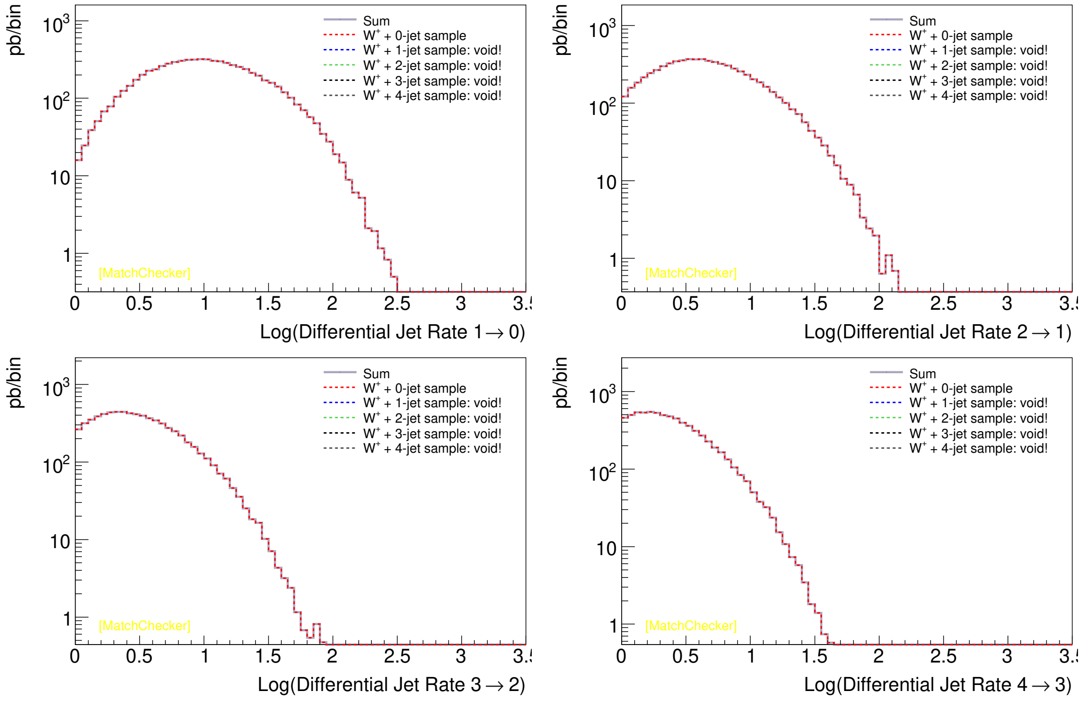

Figure 12: Differential jet rate with $Qcut$= 20 GeV.

13.13 Comparison of differential jet rates (global shapes) between productions

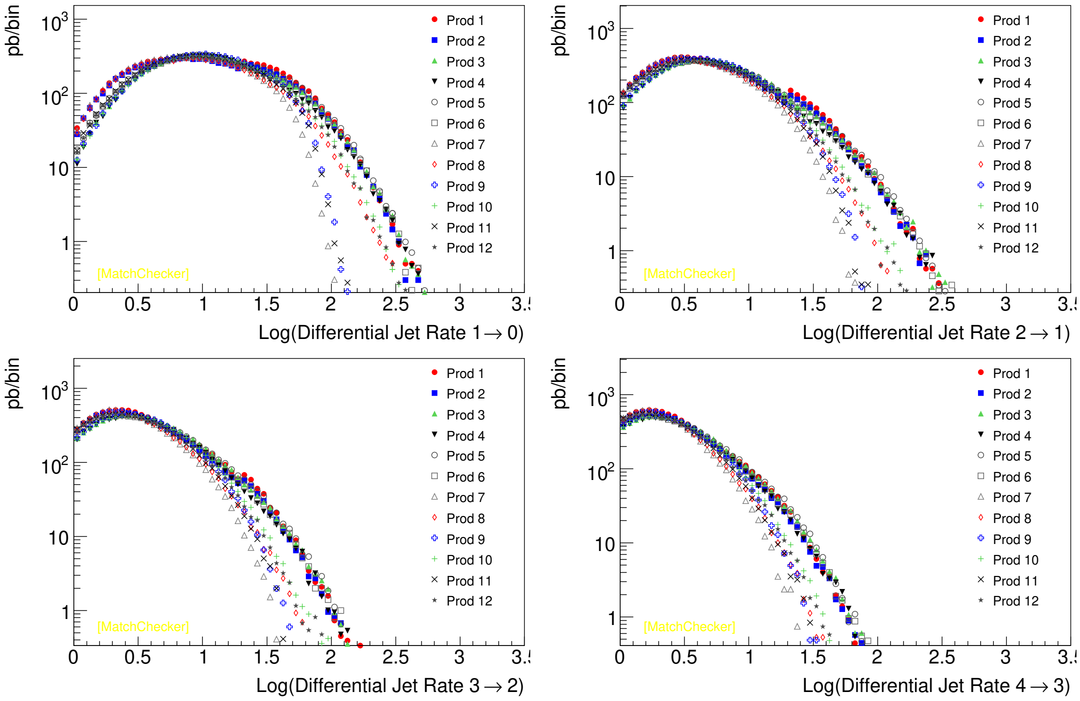

Figure 13: Comparison of differential jet rates between different parametrization .

13.14 Ratio of distribution

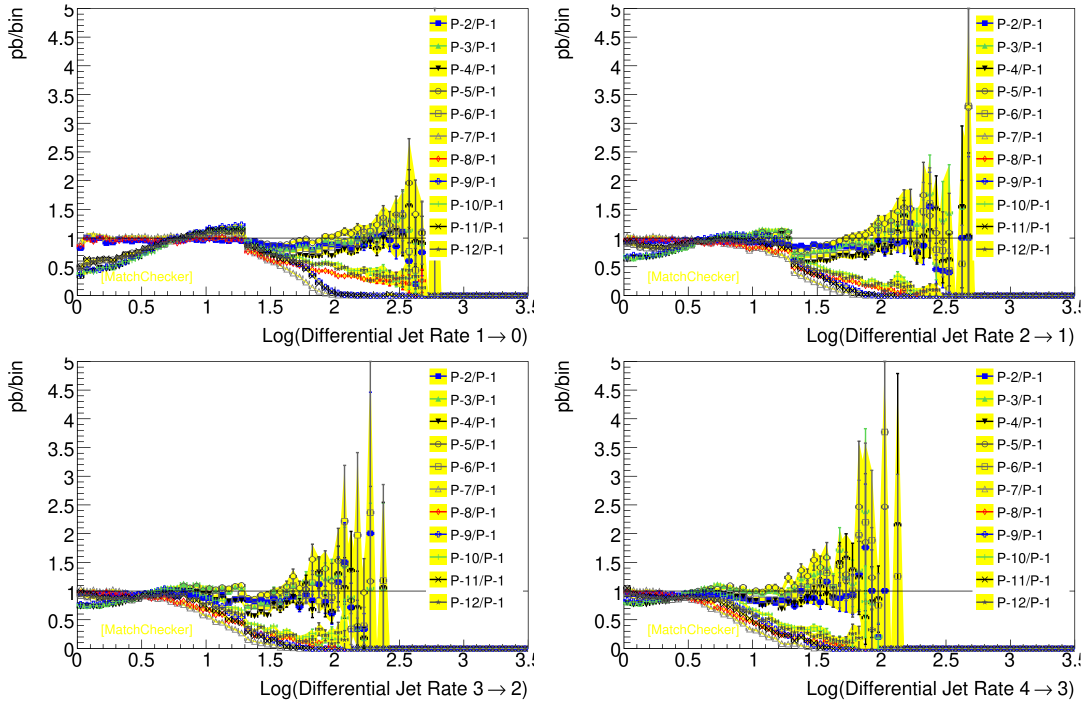

Figure 14: Comparison of differential jet rates between different parametrization .