Matching Validation and kinematics of W+ and extra-jets

MadReport

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1 Production 1 details

No banner for this production

2 Production 2 details

No banner for this production

3 Production 3 details

No banner for this production

4 Production 4 details

No banner for this production

5 Differential Jet Rate

5.1 Production 1

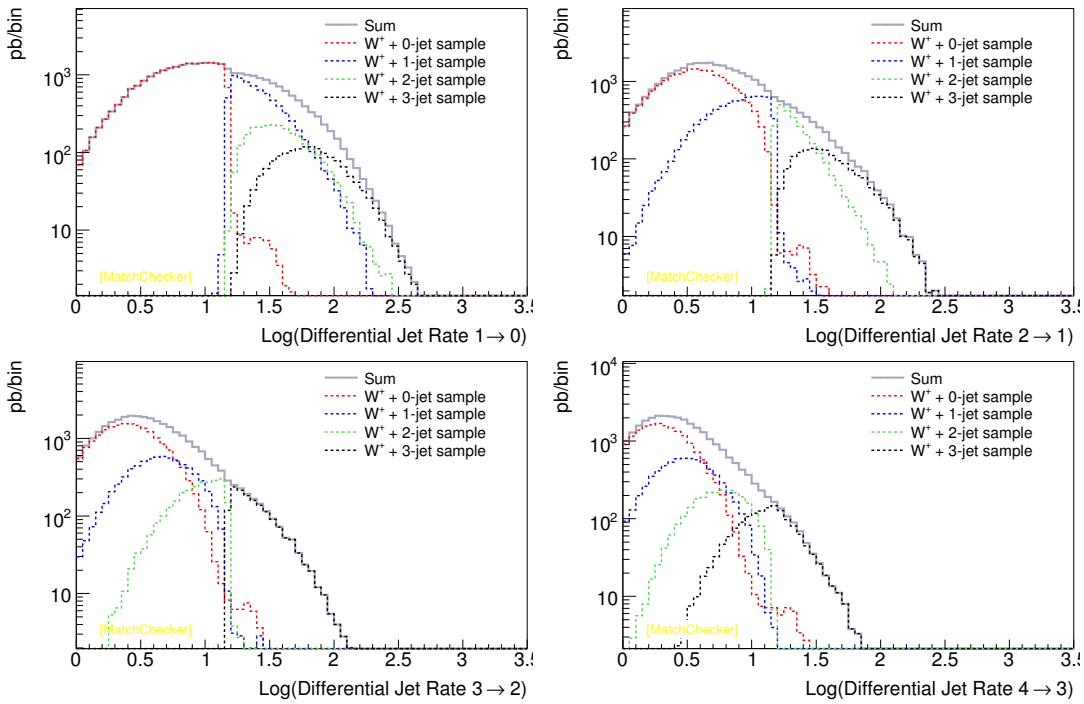

Figure 1: Wplus + 0,1,2,3Jets with UE for the LHC Production

5.2 Production 2

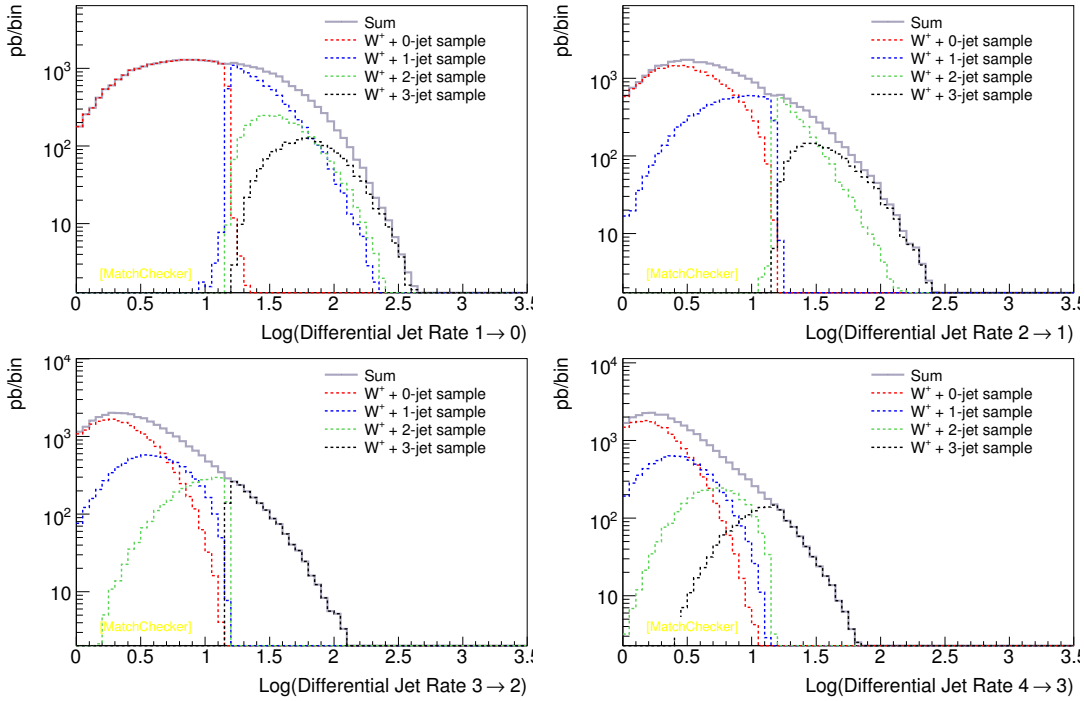

Figure 2: Wplus + 0,1,2,3Jets without UE for the LHC Production

5.3 Production 3

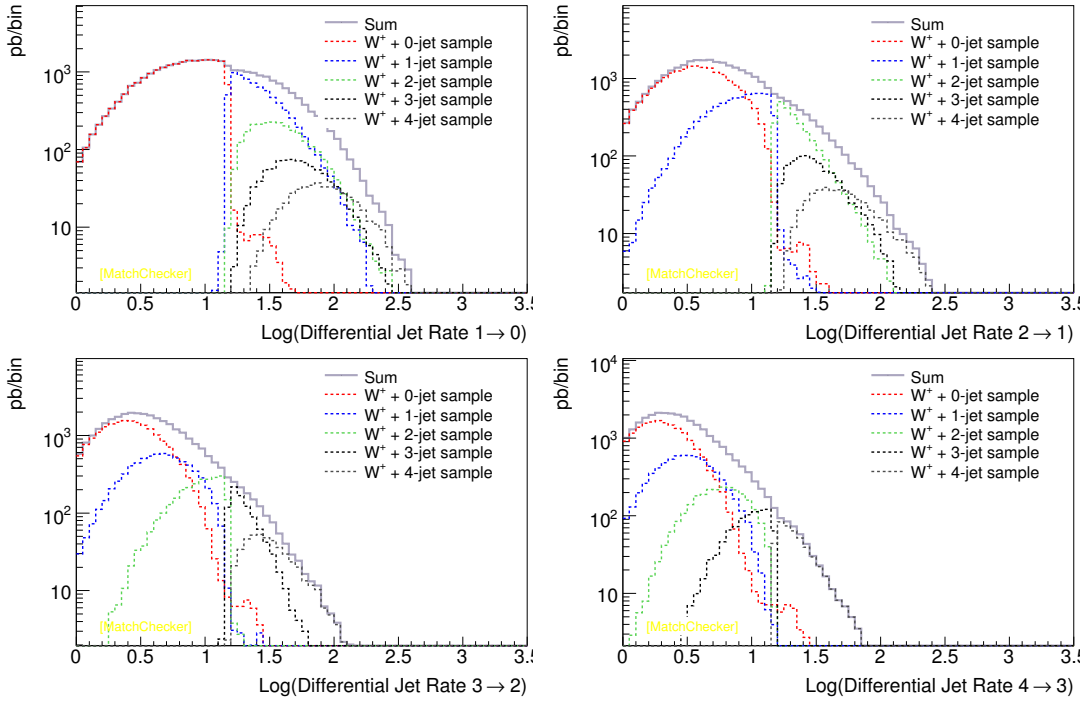

Figure 3: Wplus + 0,1,2,34Jets with UE for the LHC Production

5.4 Production 4

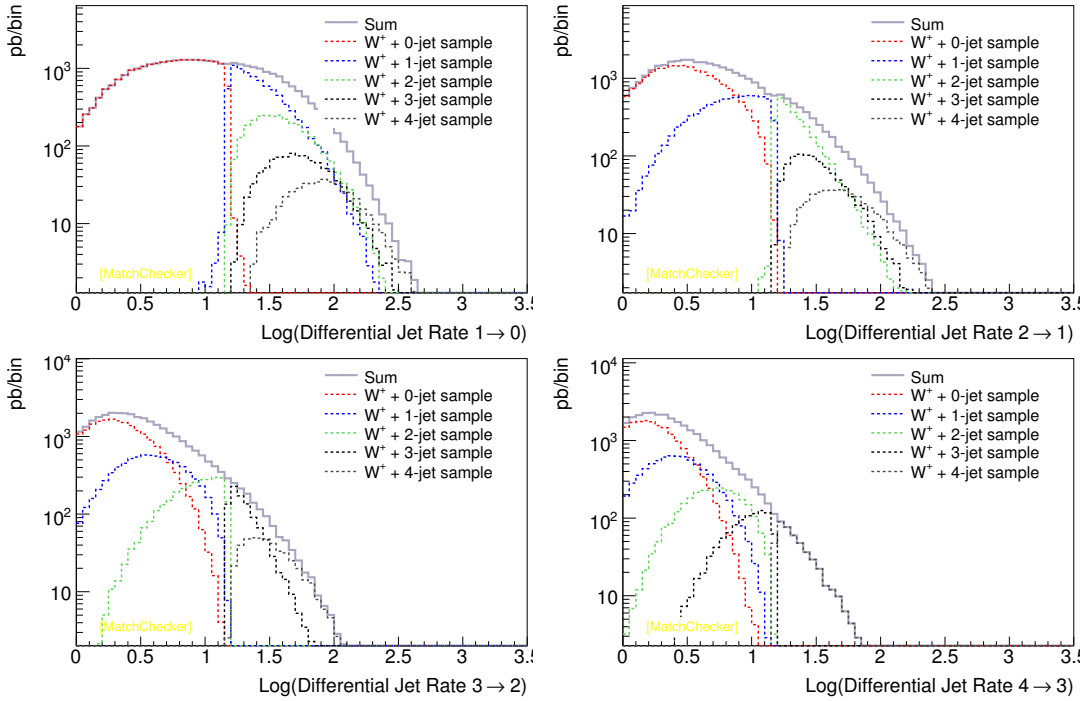

Figure 4: Wplus + 0,1,2,34Jets without UE for the LHC Production

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

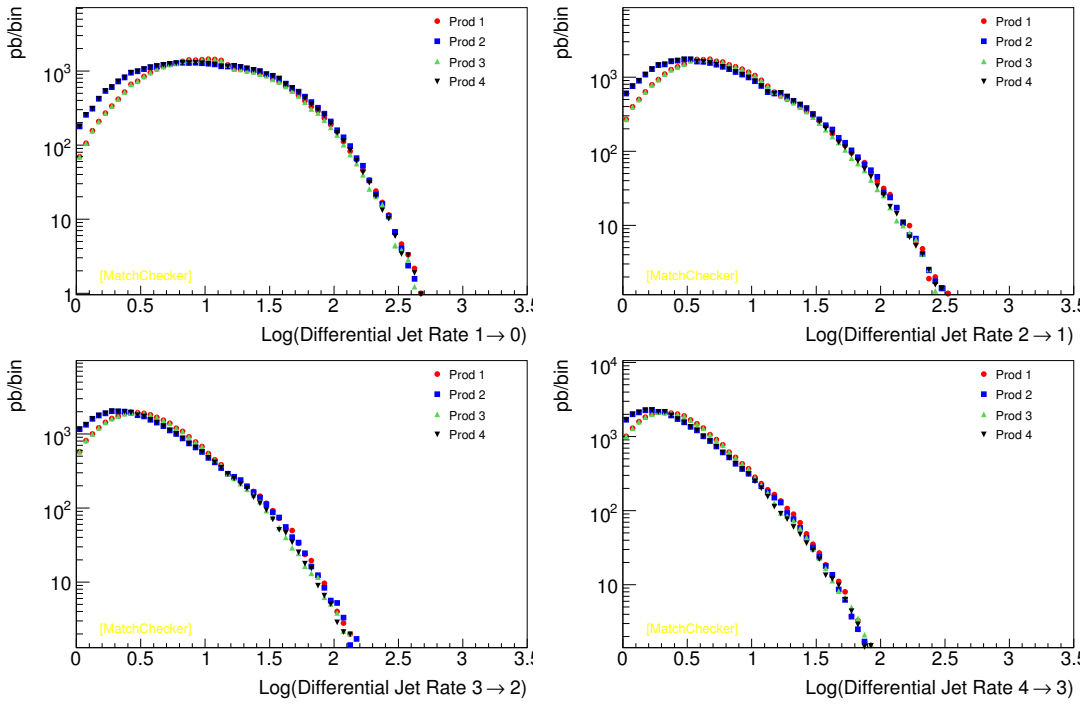

Figure 5: Comparison of differential jet rates between different parametrization .

5.6 Ratio of distribution

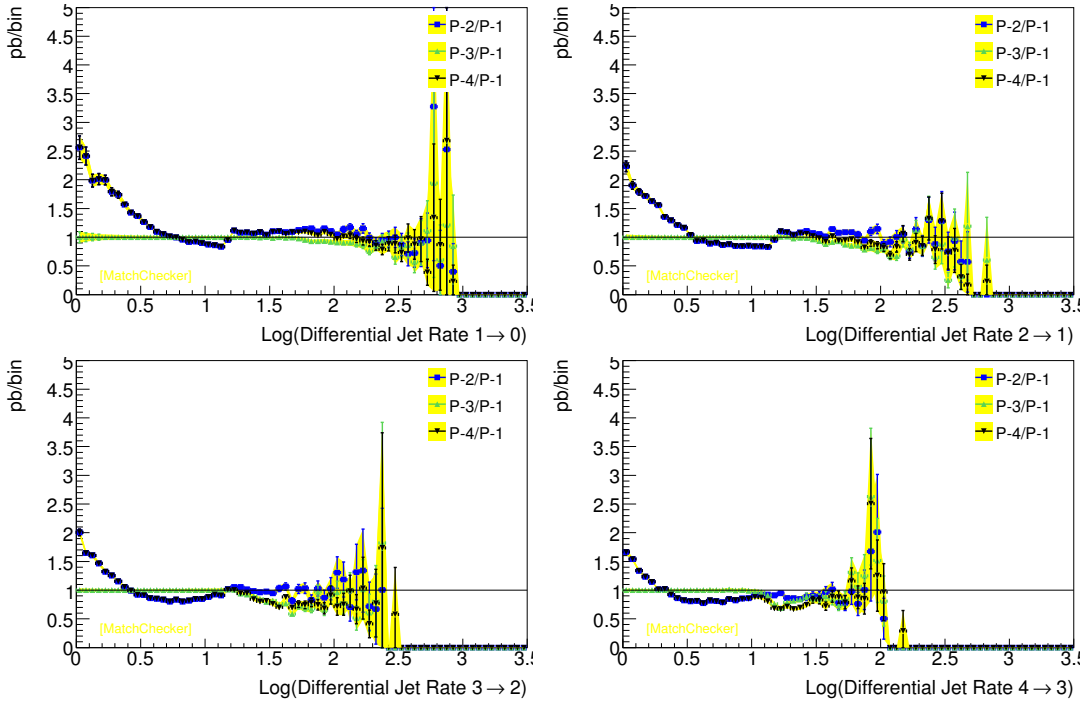

Figure 6: Comparison of differential jet rates between different parametrization .

6 X kinematics

6.1 Production 1

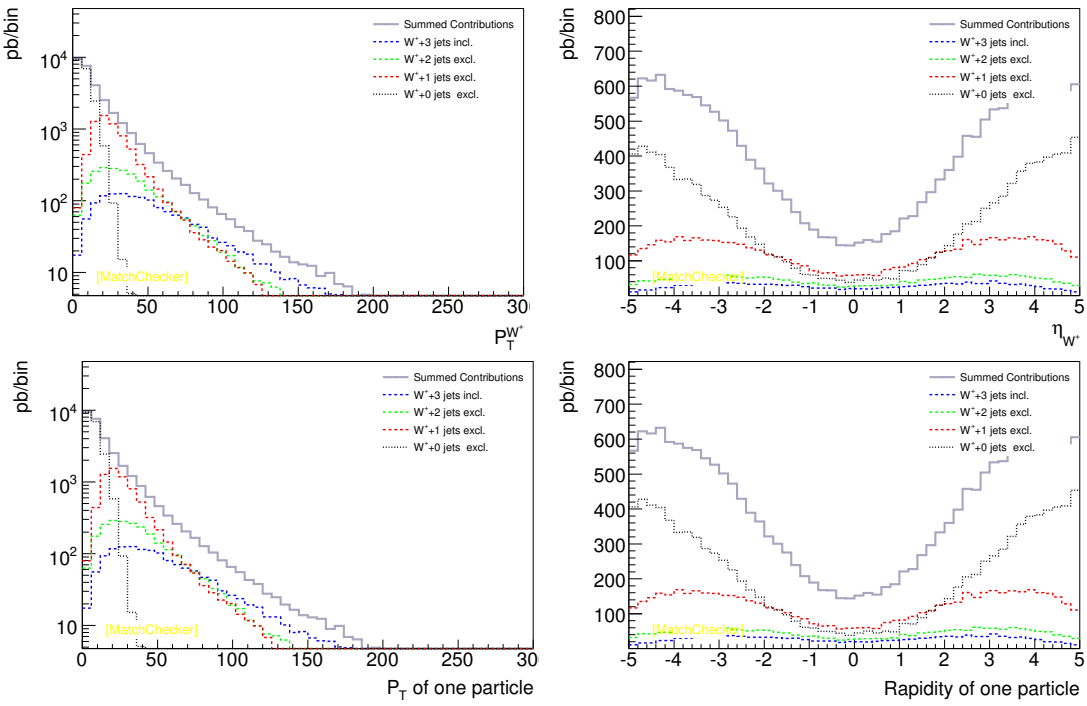

Figure 7: Wplus + 0,1,2,3Jets with UE for the LHC Production

6.2 Production 2

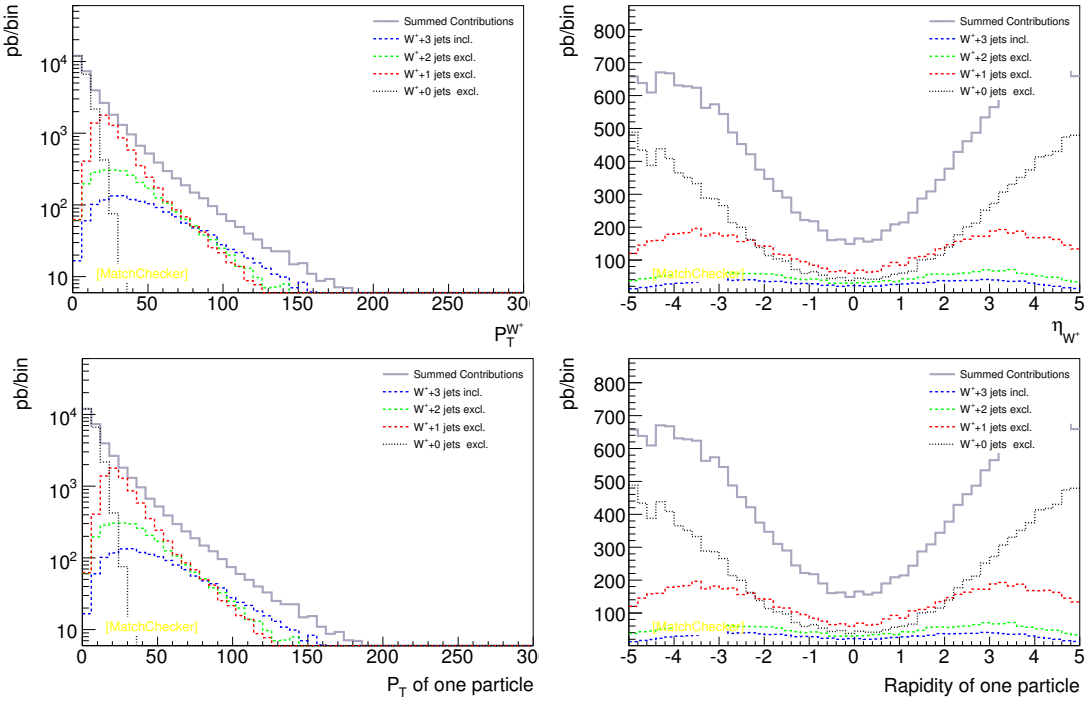

Figure 8: Wplus + 0,1,2,3Jets without UE for the LHC Production

6.3 Production 3

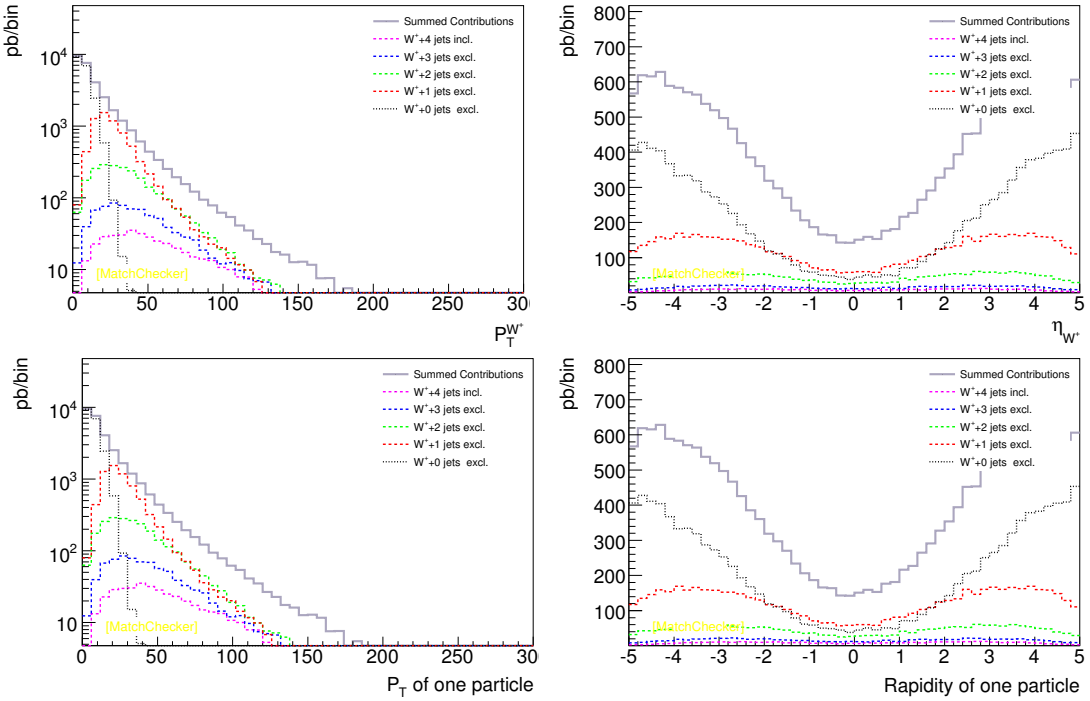

Figure 9: Wplus + 0,1,2,34Jets with UE for the LHC Production

6.4 Production 4

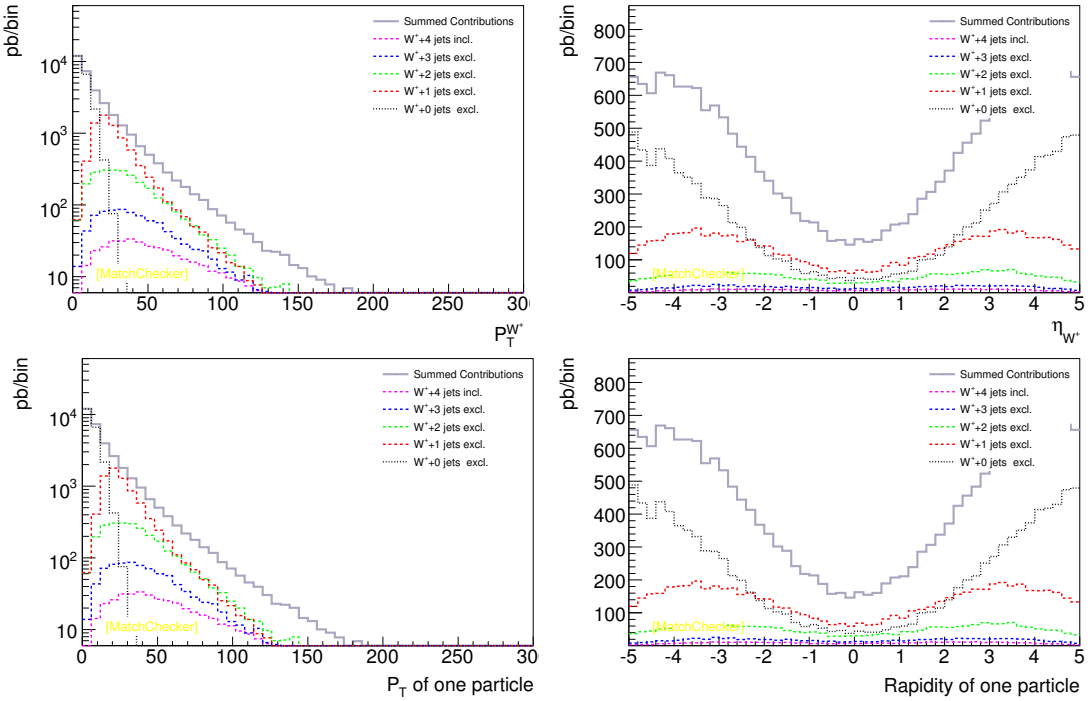

Figure 10: Wplus + 0,1,2,34Jets without UE for the LHC Production

6.5 Comparison of "X" kinematics (global shapes) between productions

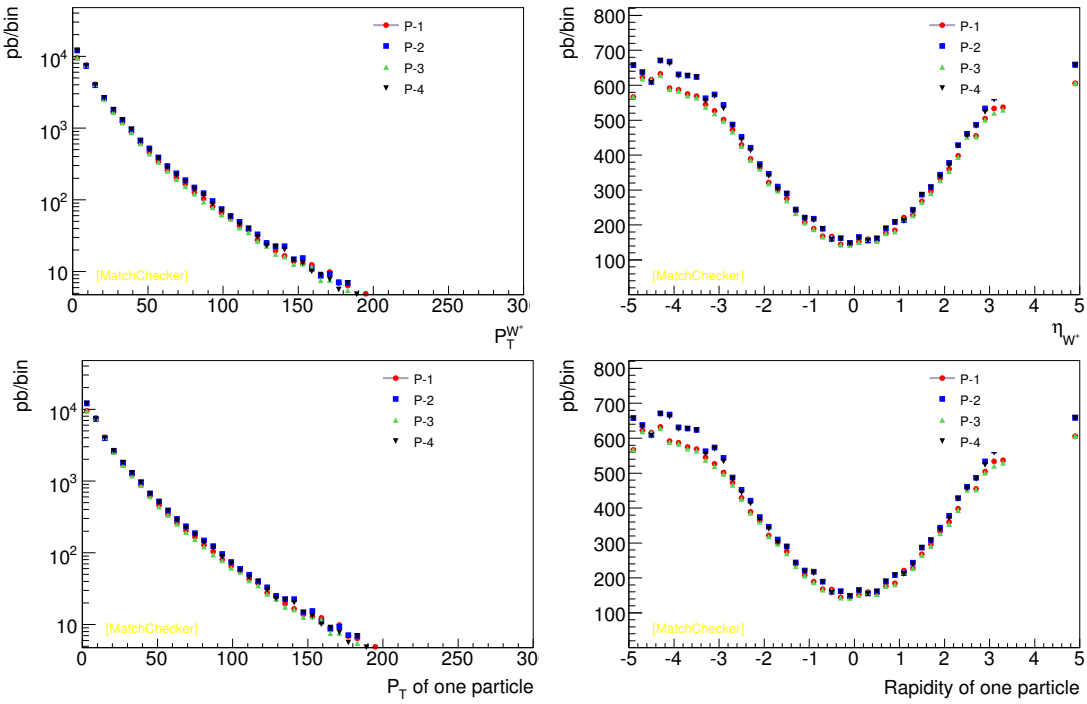

Figure 11: Comparison of kinematics variables for W^+.

6.6 Ratio of distributions

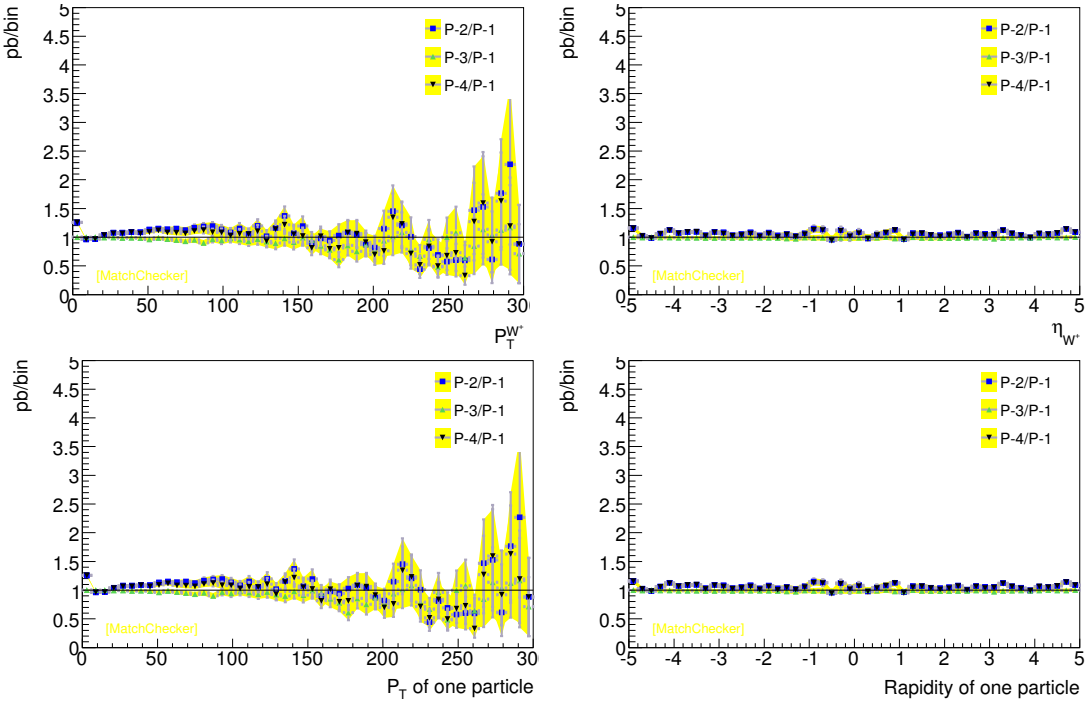

Figure 12: Comparison of kinematics variables for W^+.

7 Jet P_T

7.1 Production 1

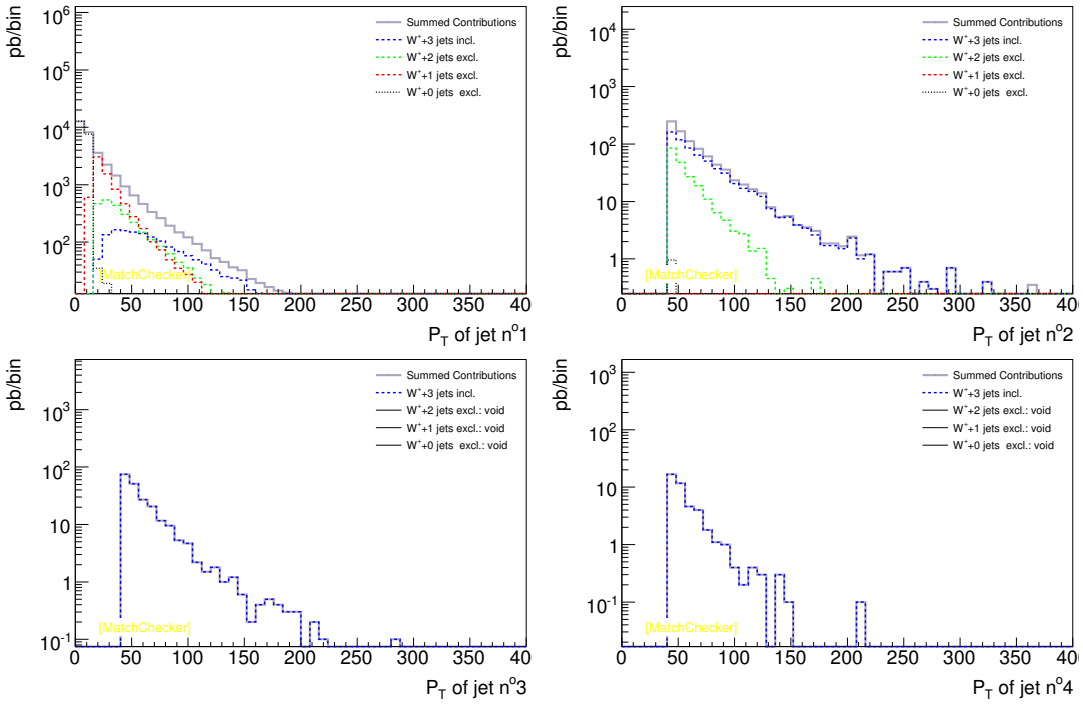

Figure 13: Wplus + 0,1,2,3Jets with UE for the LHC Production

7.2 Production 2

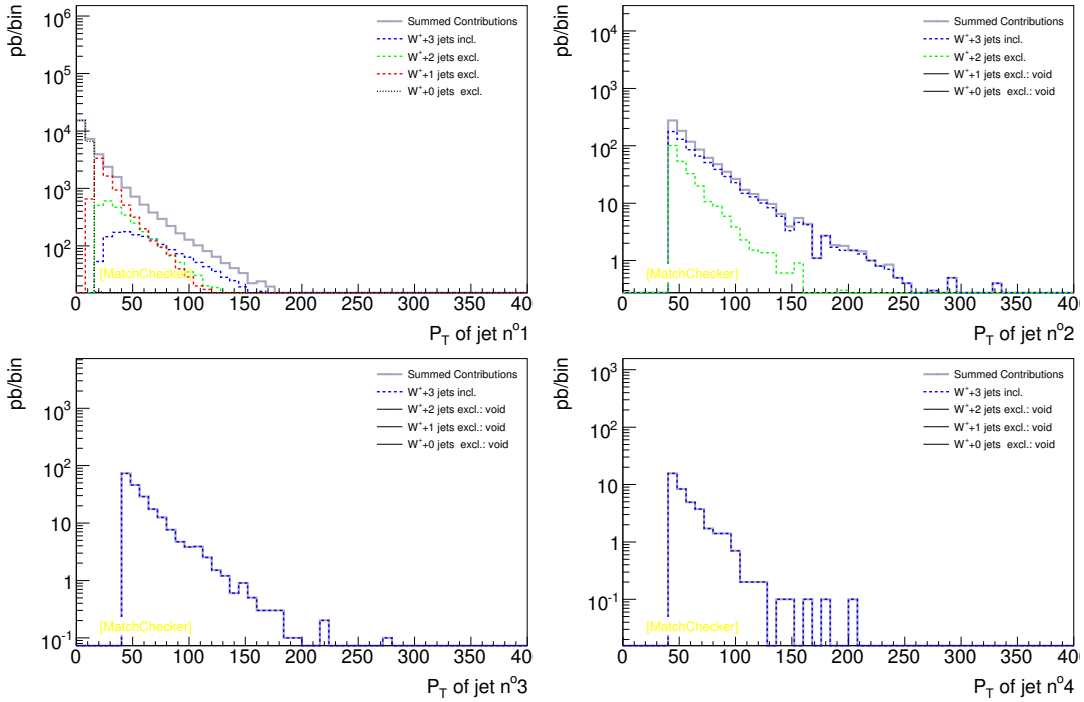

Figure 14: Wplus + 0,1,2,3Jets without UE for the LHC Production

7.3 Production 3

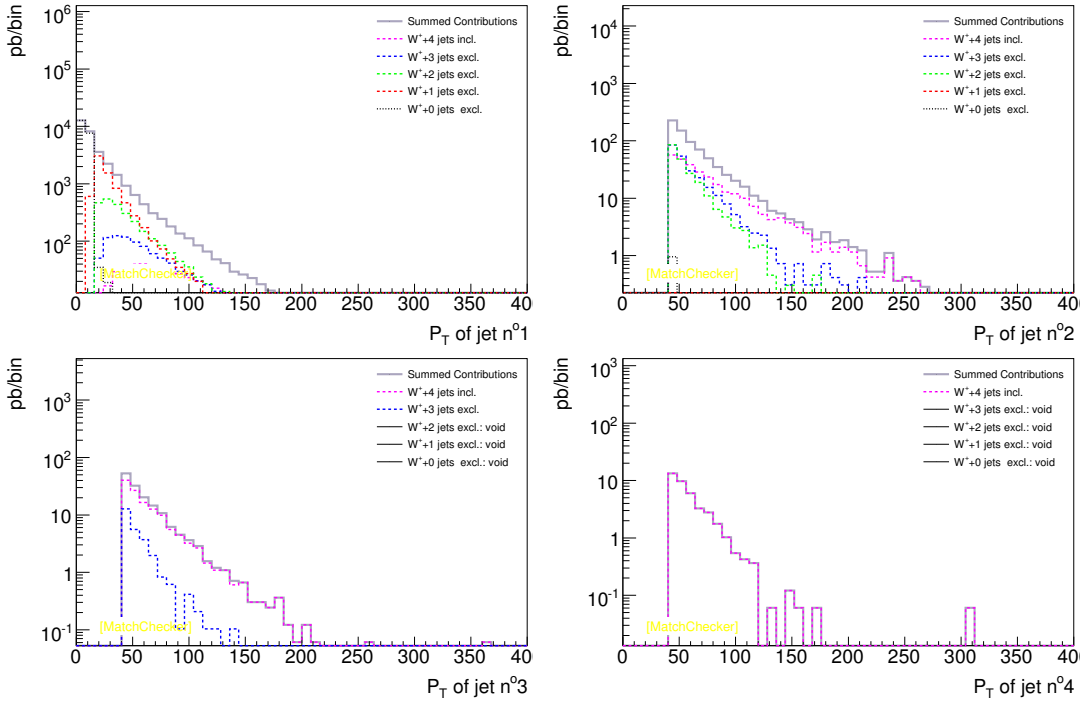

Figure 15: Wplus + 0,1,2,34Jets with UE for the LHC Production

7.4 Production 4

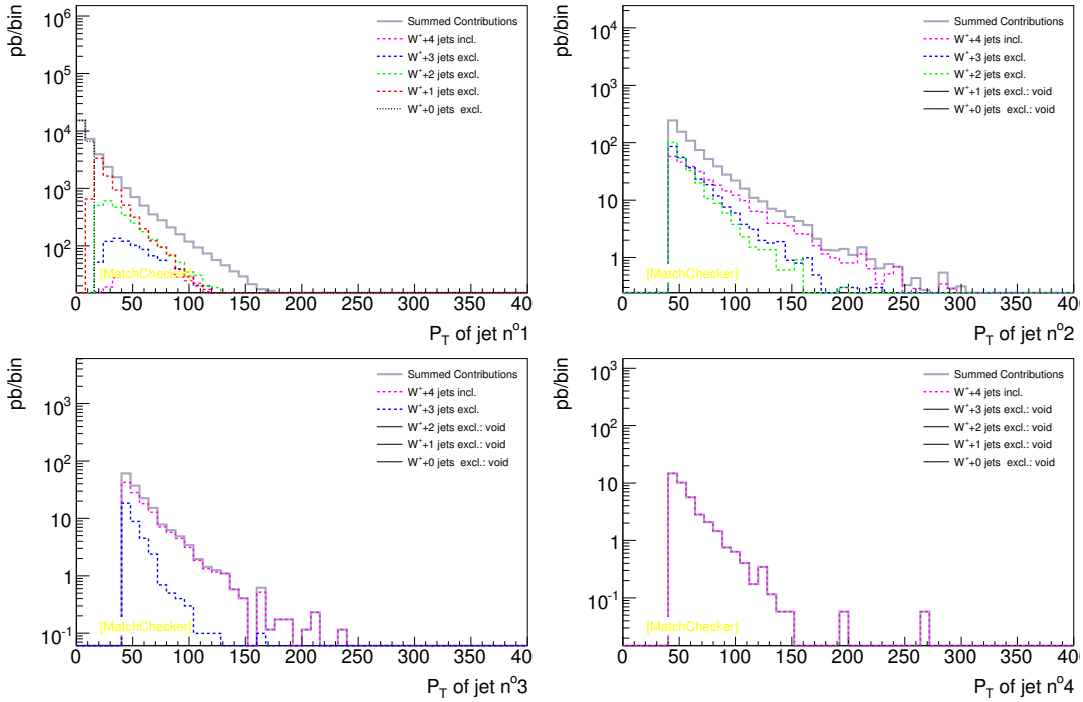

Figure 16: Wplus + 0,1,2,34Jets without UE for the LHC Production

7.5 Comparison of Jet kinematics (global shapes) between productions

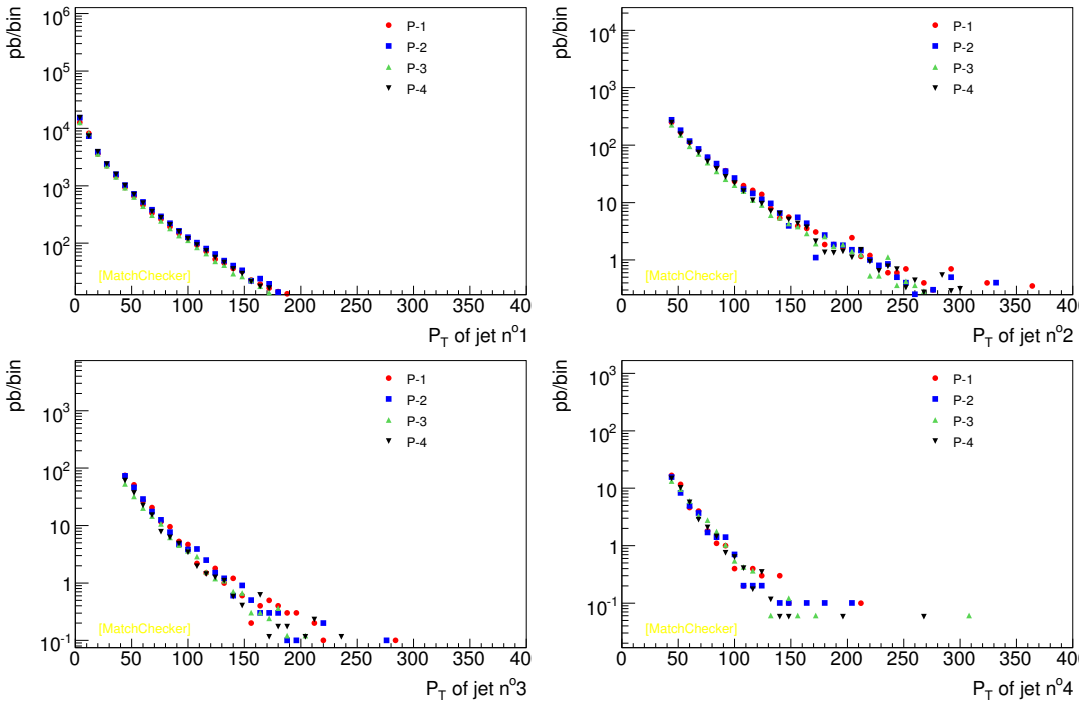

Figure 17: Comparison of kinematics variables for W^+.

7.6 Ratio of distributions

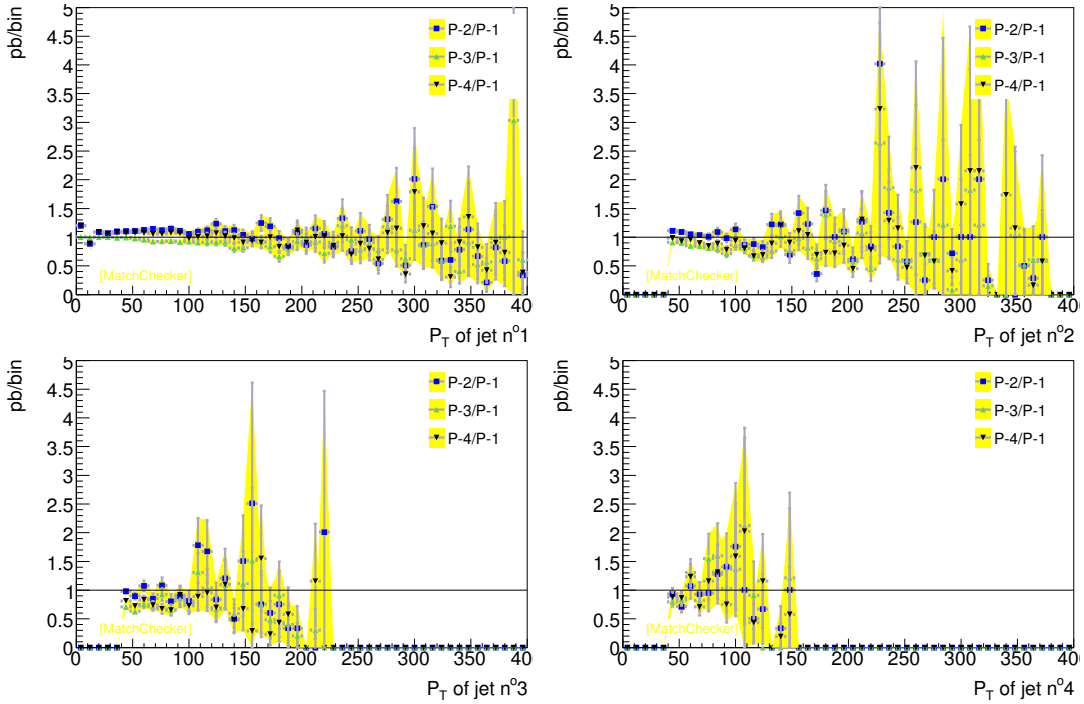

Figure 18: Comparison of kinematics variables for W^+.

8 Jet rapidity

8.1 Jet Rapidity: Production 1, jets with minimal P_T of 20 Gev

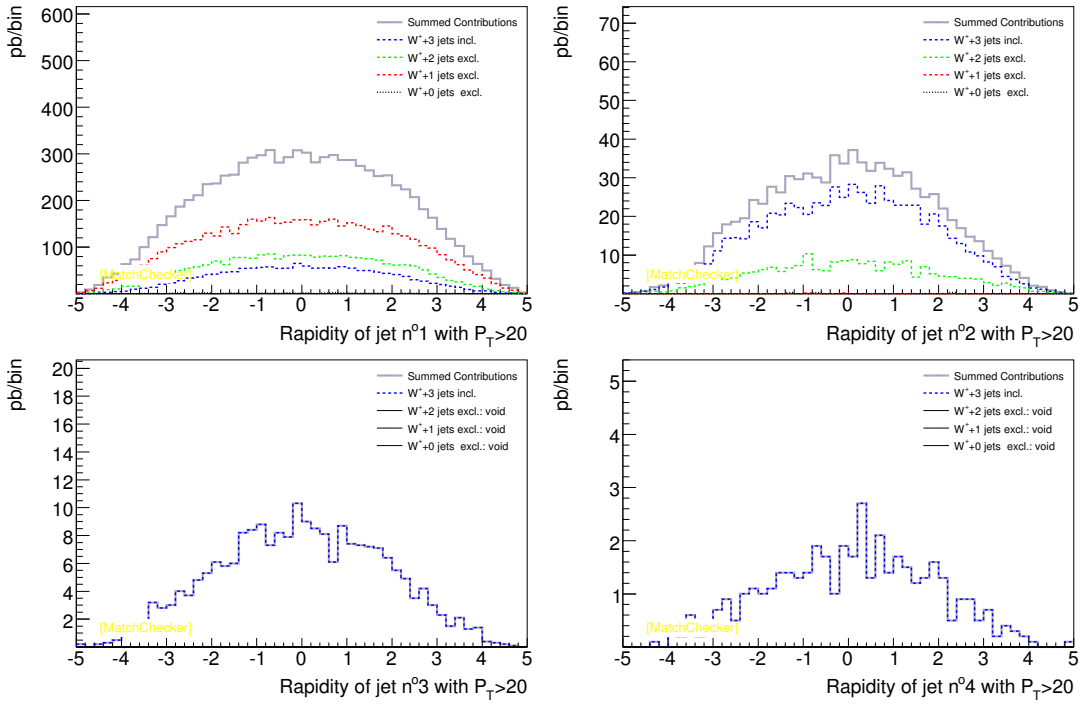

Figure 19: Wplus + 0,1,2,3Jets with UE for the LHC Production

8.2 Jet Rapidity: Production 2, jets with minimal P_T of 20 Gev

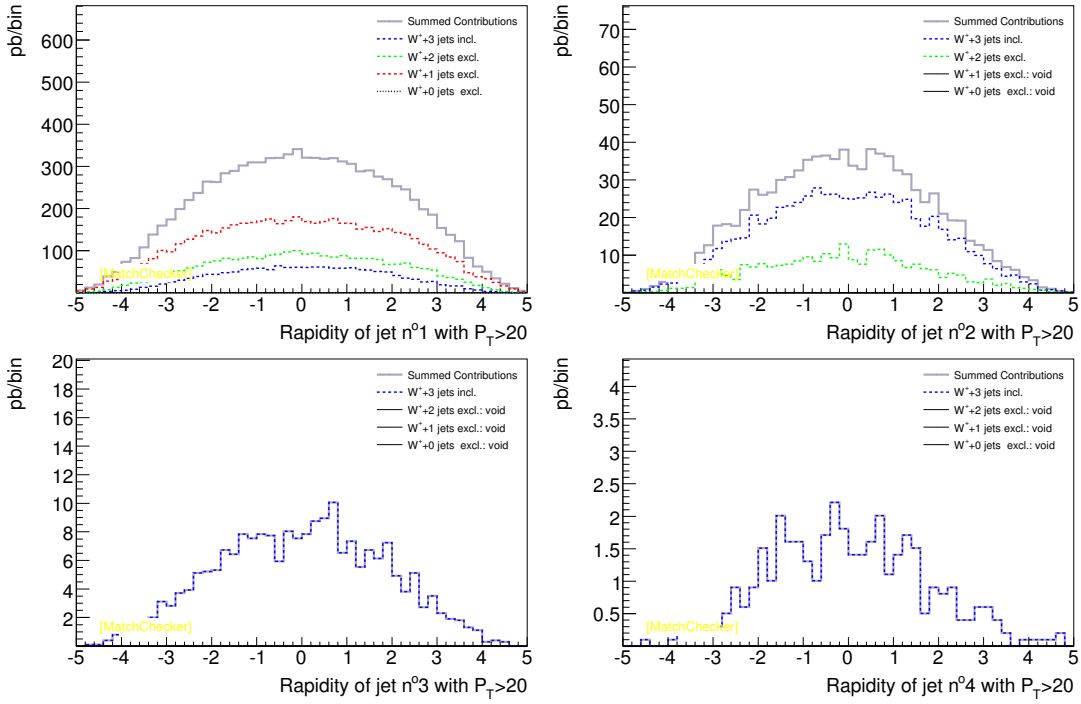

Figure 20: Wplus + 0,1,2,3Jets without UE for the LHC Production

8.3 Jet Rapidity: Production 3, jets with minimal P_T of 20 Gev

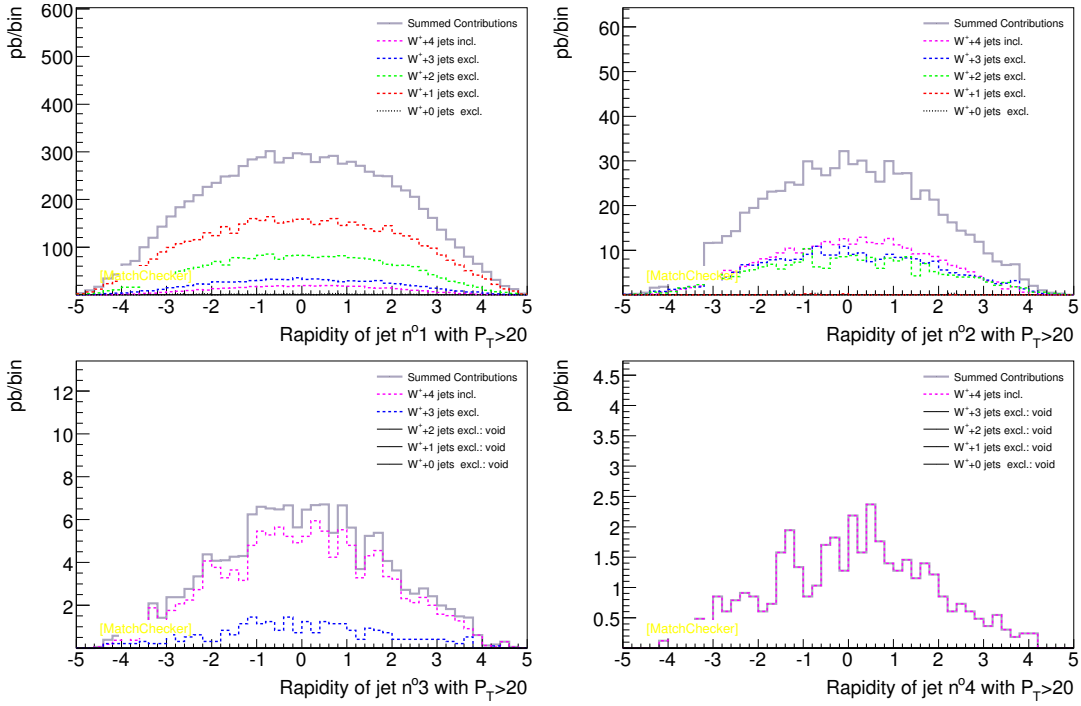

Figure 21: Wplus + 0,1,2,34Jets with UE for the LHC Production

8.4 Jet Rapidity: Production 4, jets with minimal P_T of 20 Gev

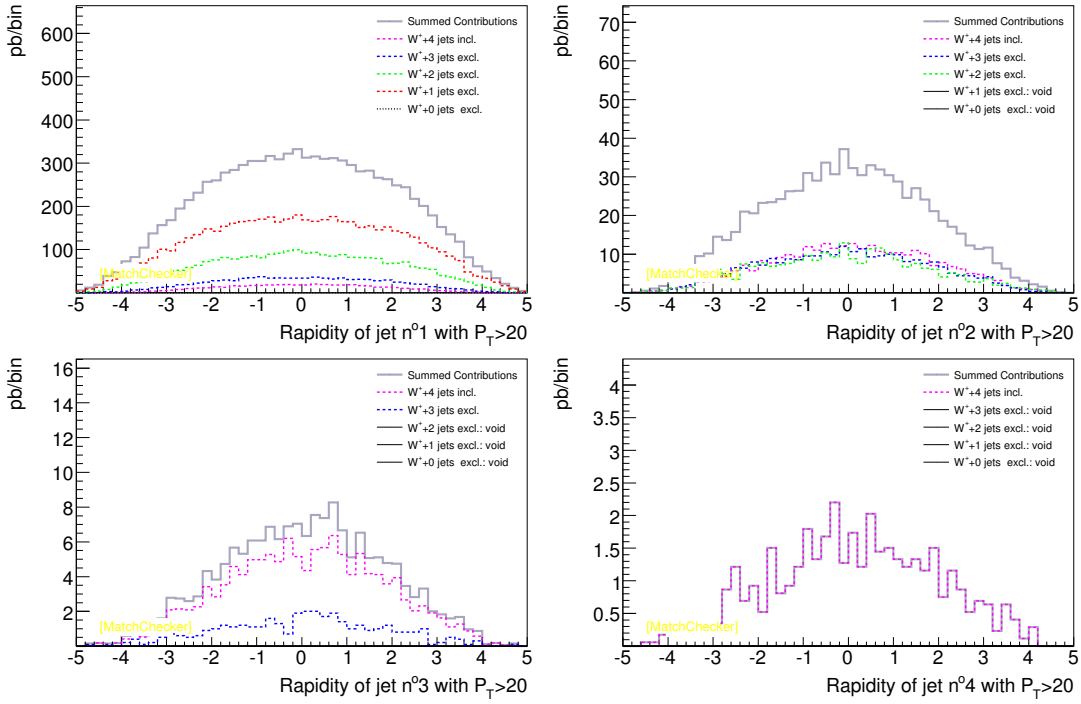

Figure 22: Wplus + 0,1,2,34Jets without UE for the LHC Production

8.5 Comparison of Jets with a cut of 20 Gev in P_T

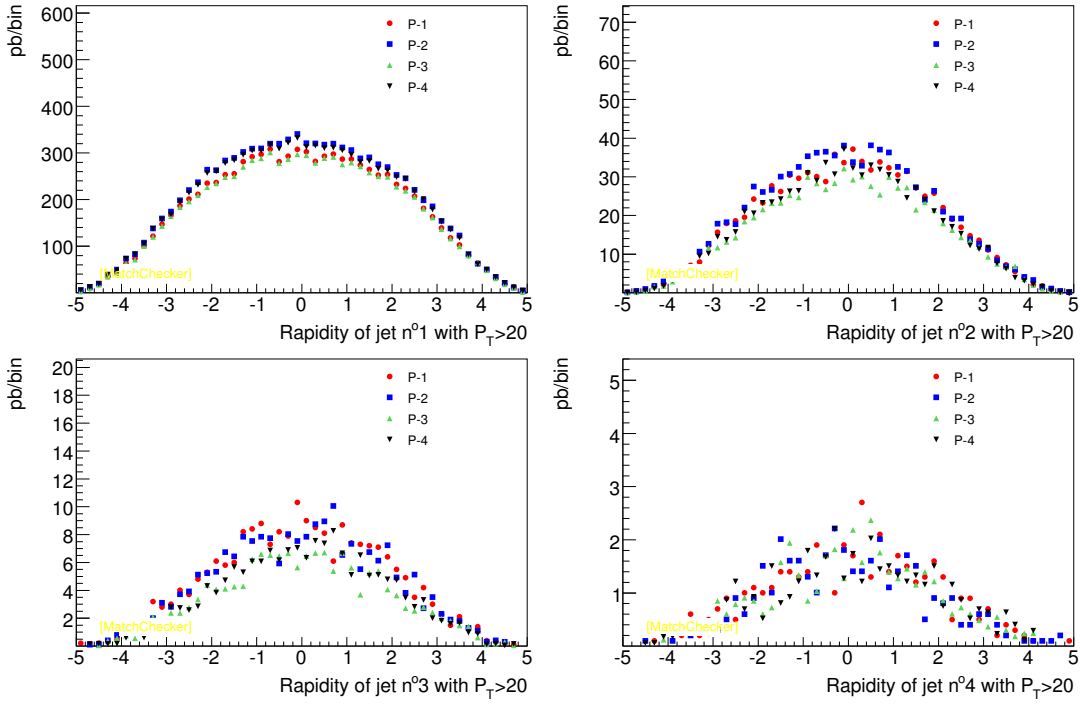

Figure 23: Comparison of kinematics variables for W^+.

8.6 Ratio of distributions

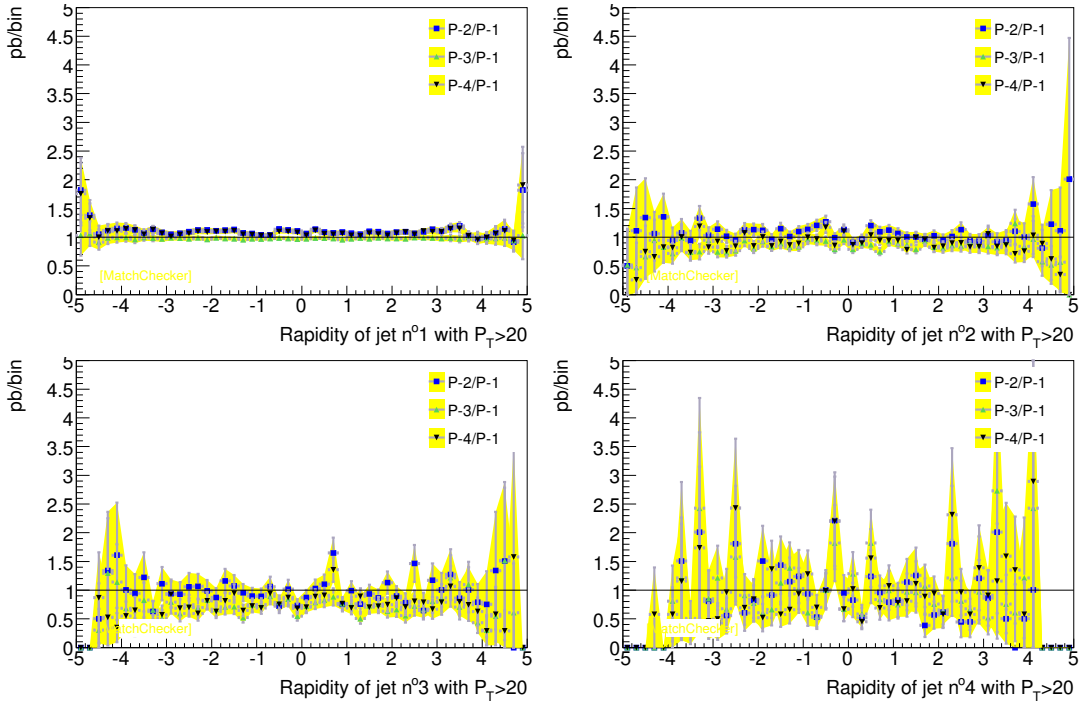

Figure 24: Comparison of kinematics variables for W^+.

8.7 Jet Rapidity: Production 1, jets with minimal P_T of 50 Gev

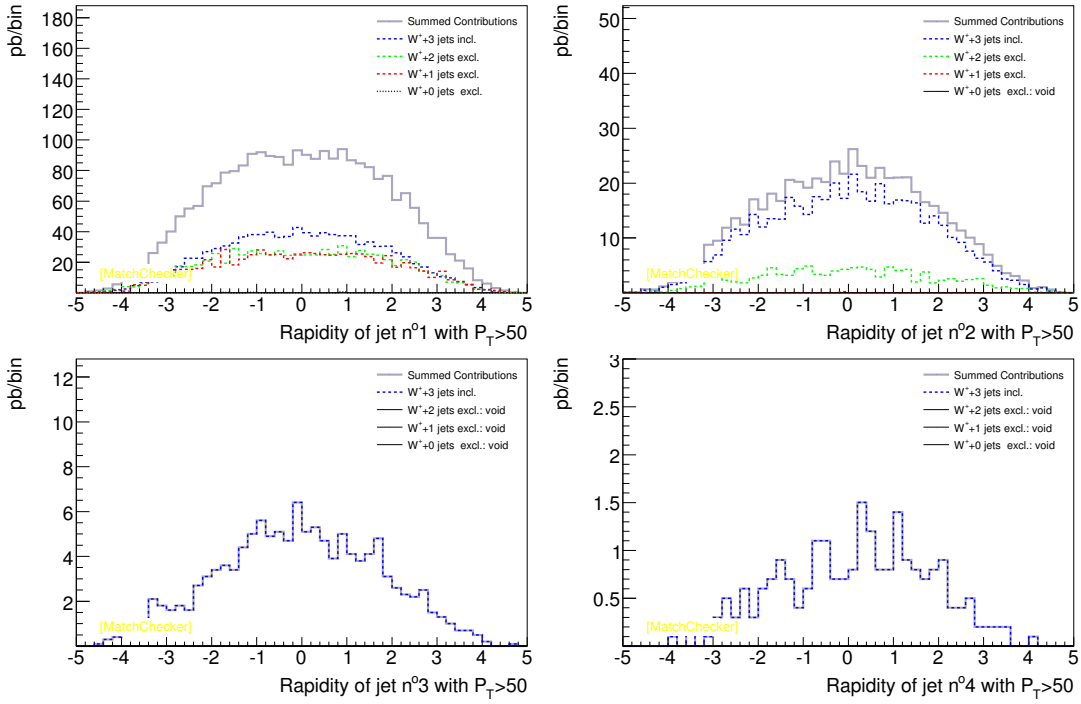

Figure 25: Wplus + 0,1,2,3Jets with UE for the LHC Production

8.8 Jet Rapidity: Production 2, jets with minimal P_T of 50 Gev

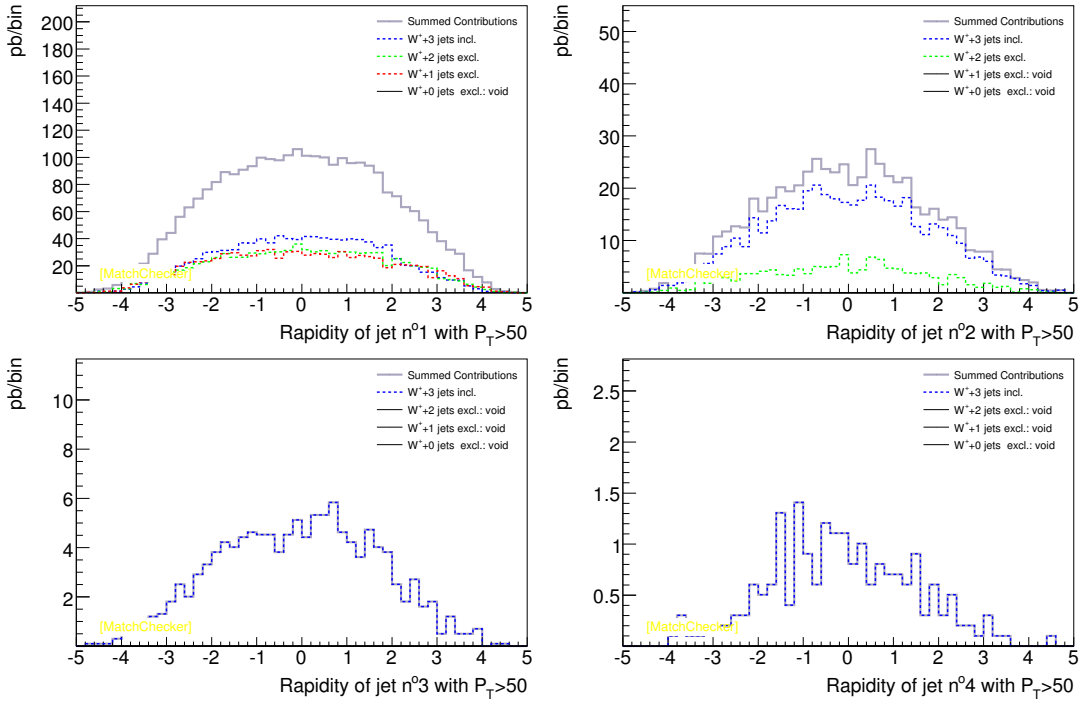

Figure 26: Wplus + 0,1,2,3Jets without UE for the LHC Production

8.9 Jet Rapidity: Production 3, jets with minimal P_T of 50 Gev

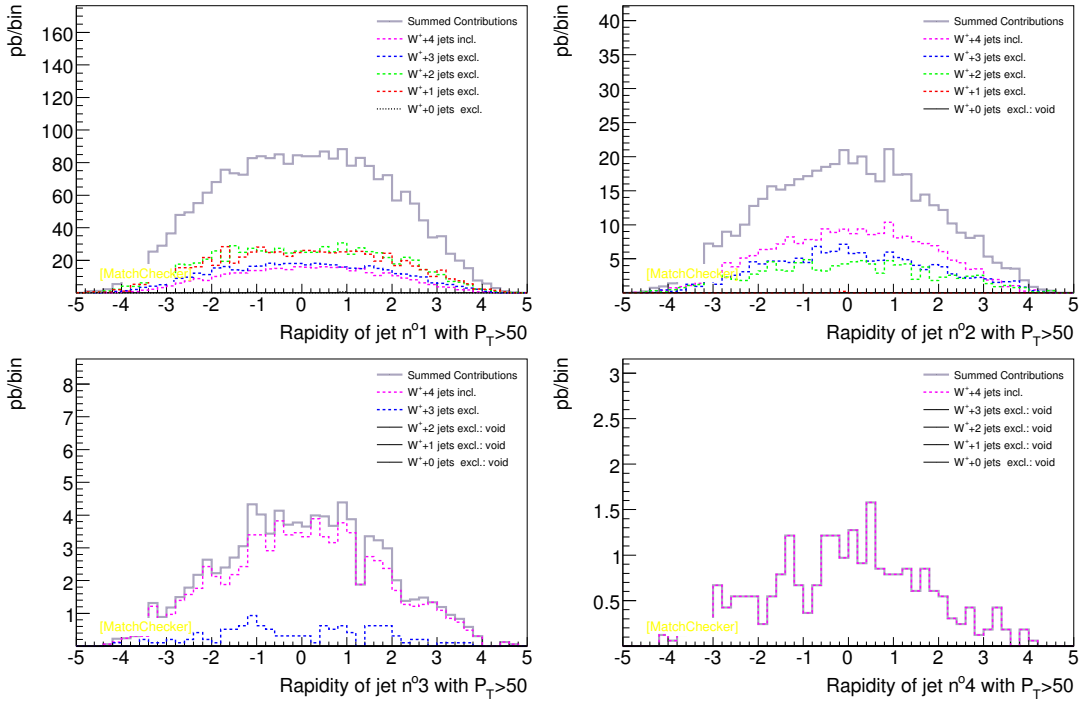

Figure 27: Wplus + 0,1,2,34Jets with UE for the LHC Production

8.10 Jet Rapidity: Production 4, jets with minimal P_T of 50 Gev

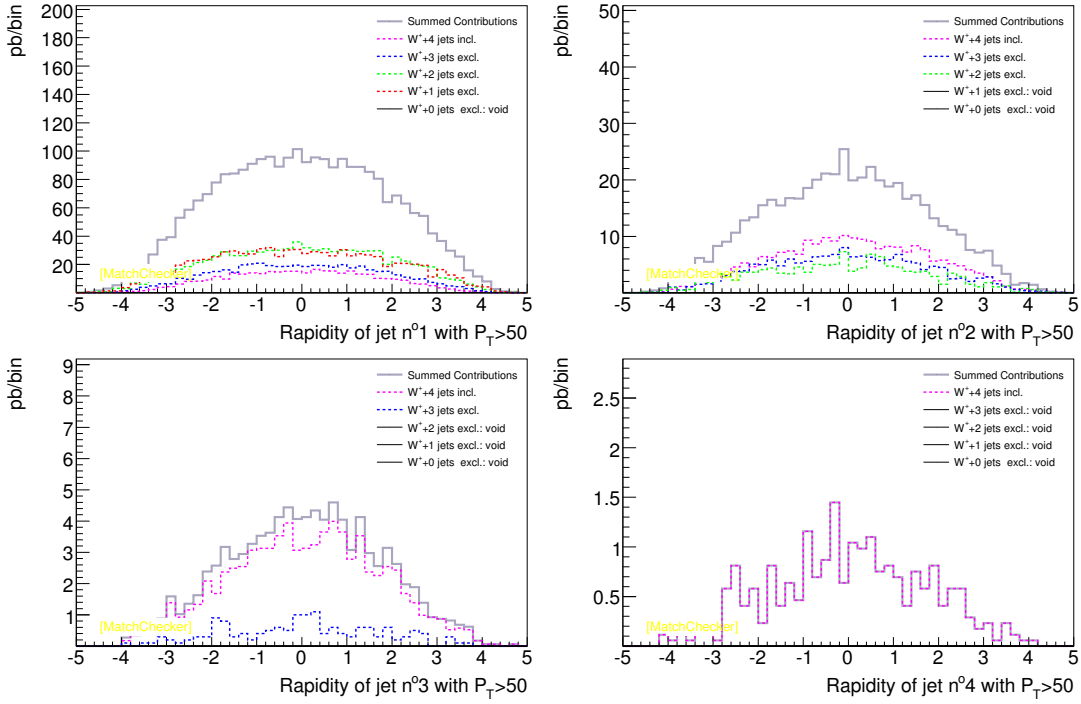

Figure 28: Wplus + 0,1,2,34Jets without UE for the LHC Production

8.11 Comparison of Jets with a cut of 50 Gev in P_T

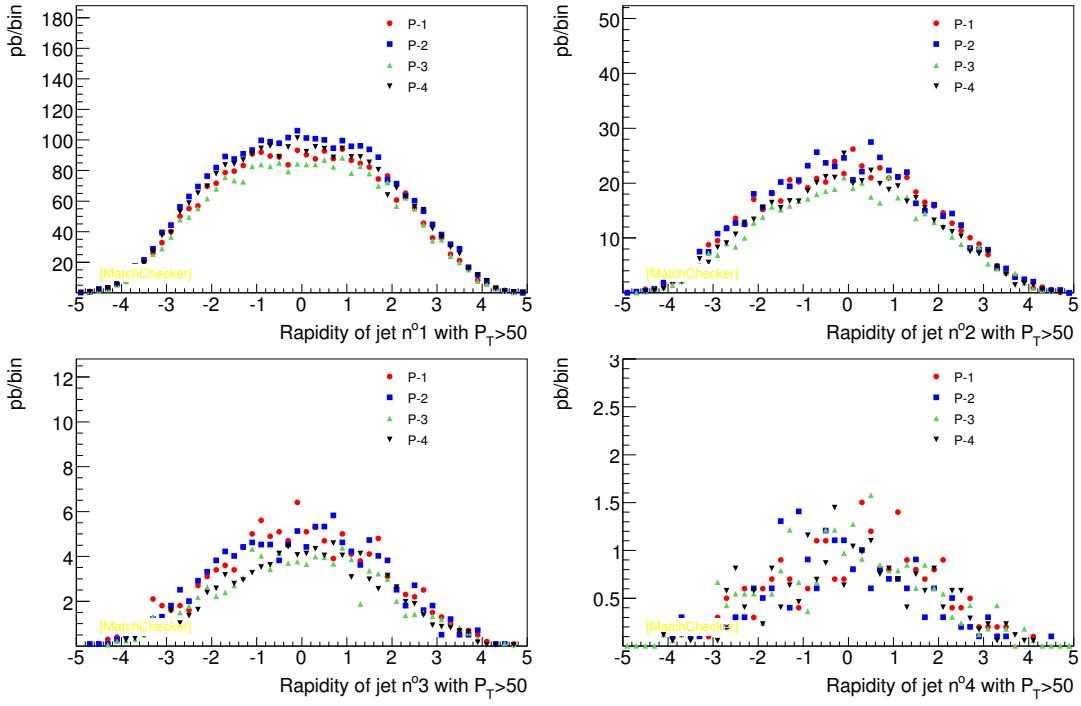

Figure 29: Comparison of kinematics variables for W^+.

8.12 Ratio of distributions

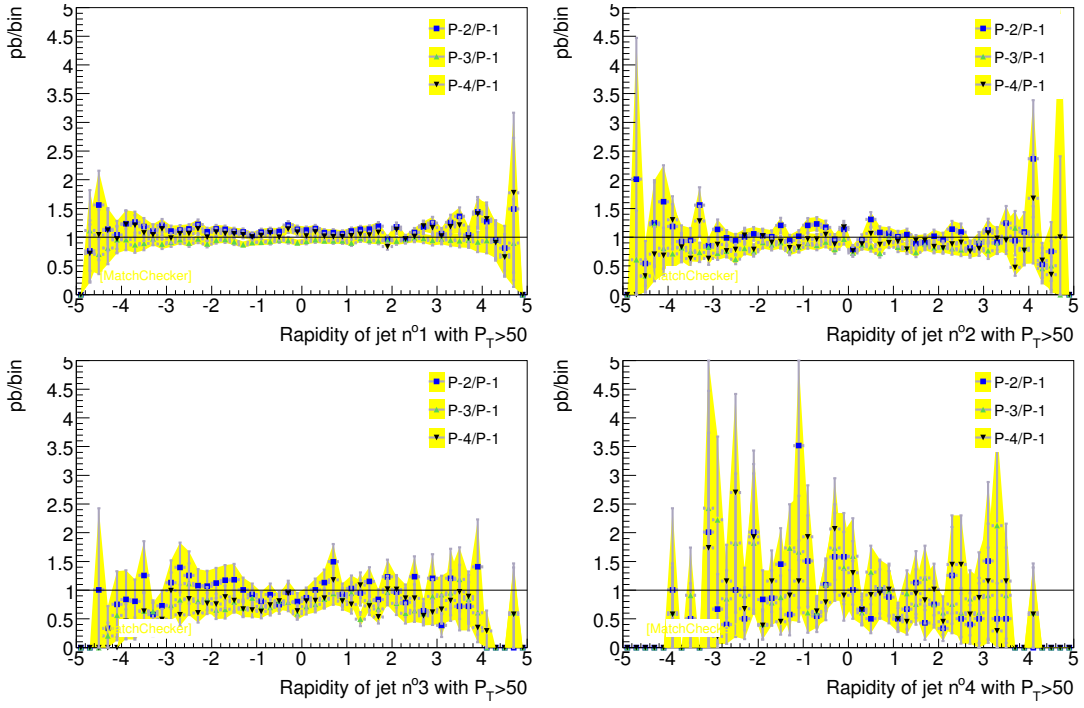

Figure 30: Comparison of kinematics variables for W^+.

8.13 Jet Rapidity: Production 1, jets with minimal P_T of 100 Gev

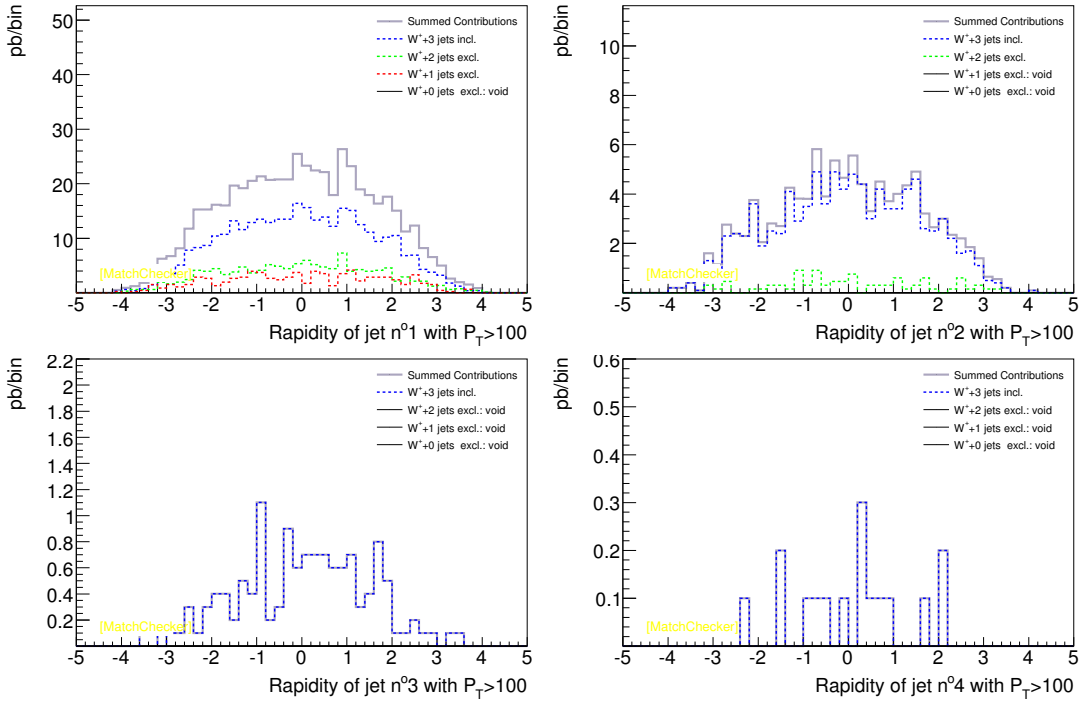

Figure 31: Wplus + 0,1,2,3Jets with UE for the LHC Production

8.14 Jet Rapidity: Production 2, jets with minimal P_T of 100 Gev

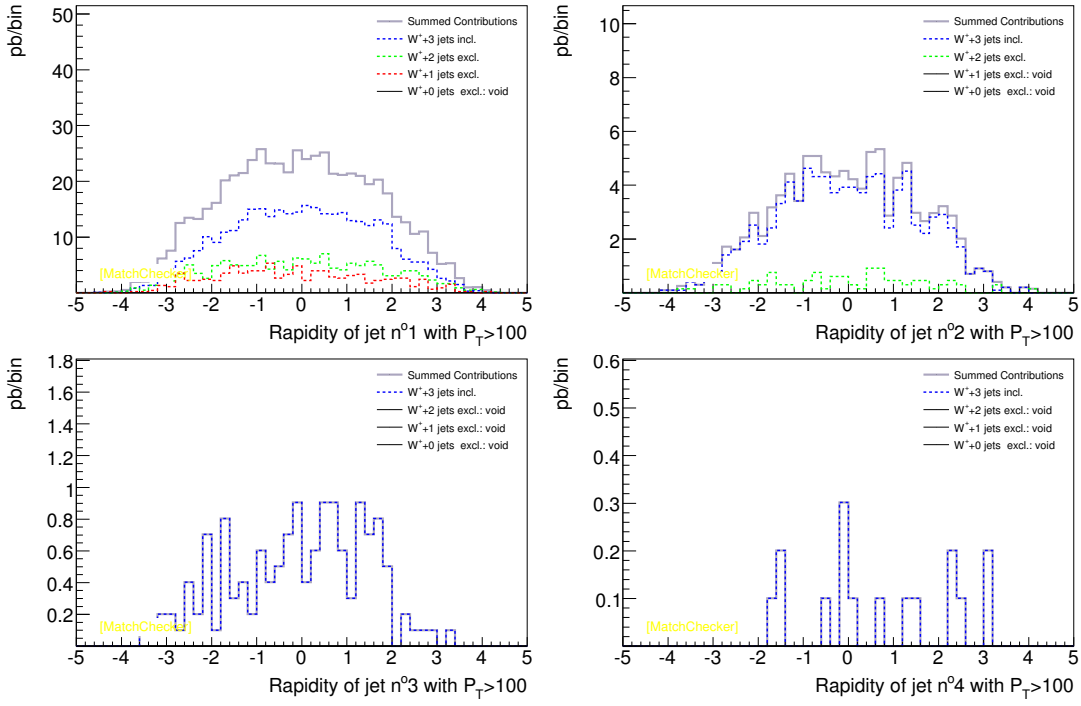

Figure 32: Wplus + 0,1,2,3Jets without UE for the LHC Production

8.15 Jet Rapidity: Production 3, jets with minimal P_T of 100 Gev

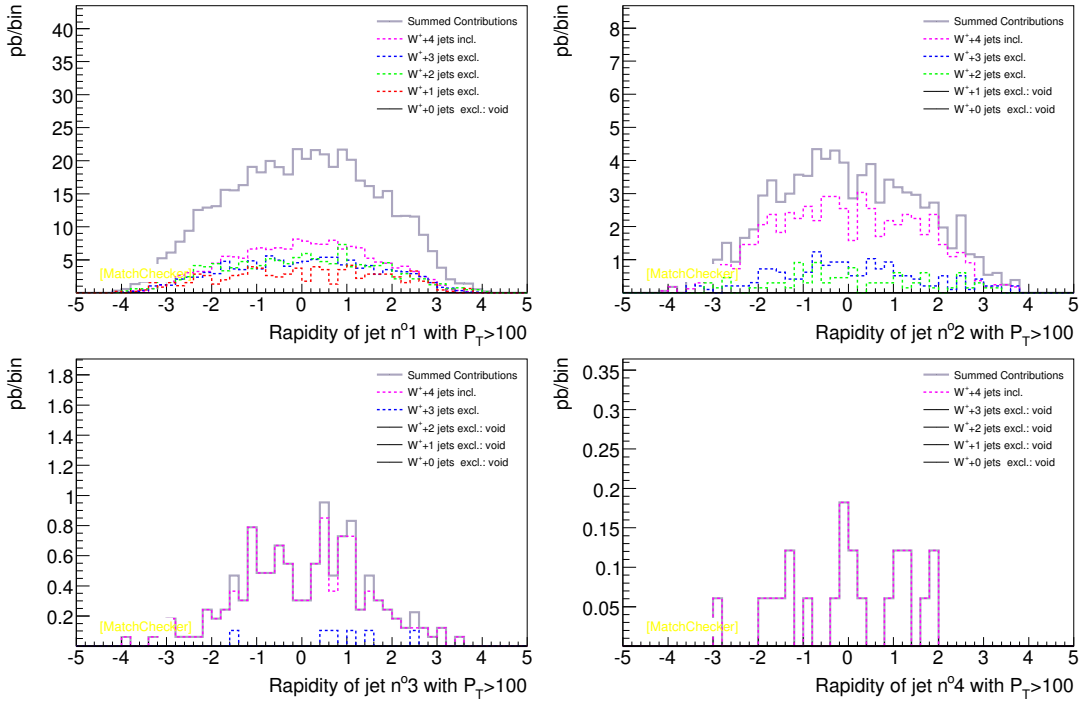

Figure 33: Wplus + 0,1,2,34Jets with UE for the LHC Production

8.16 Jet Rapidity: Production 4, jets with minimal P_T of 100 Gev

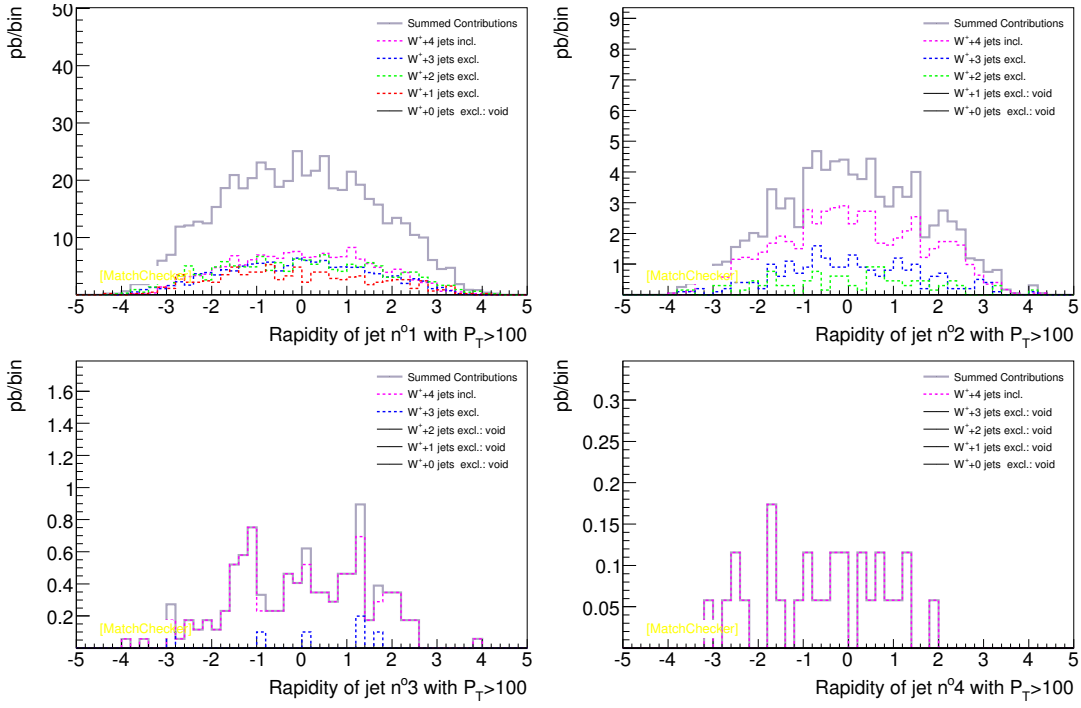

Figure 34: Wplus + 0,1,2,34Jets without UE for the LHC Production

8.17 Comparison of Jets with a cut of 100 Gev in P_T

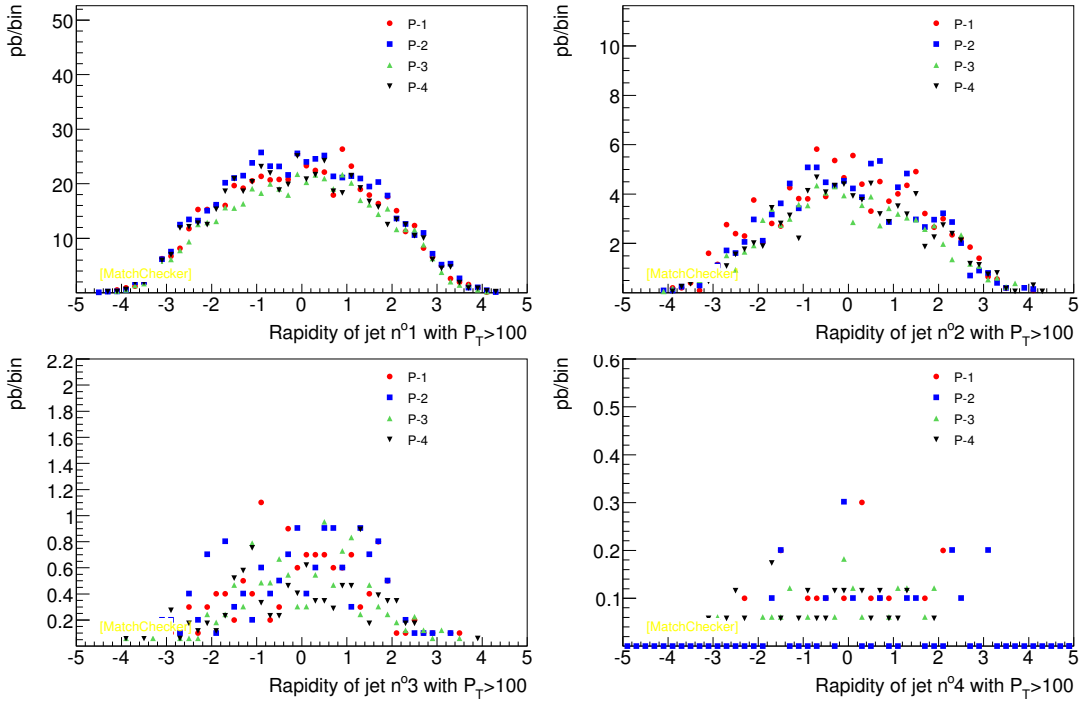

Figure 35: Comparison of kinematics variables for W^+.

8.18 Ratio of distributions

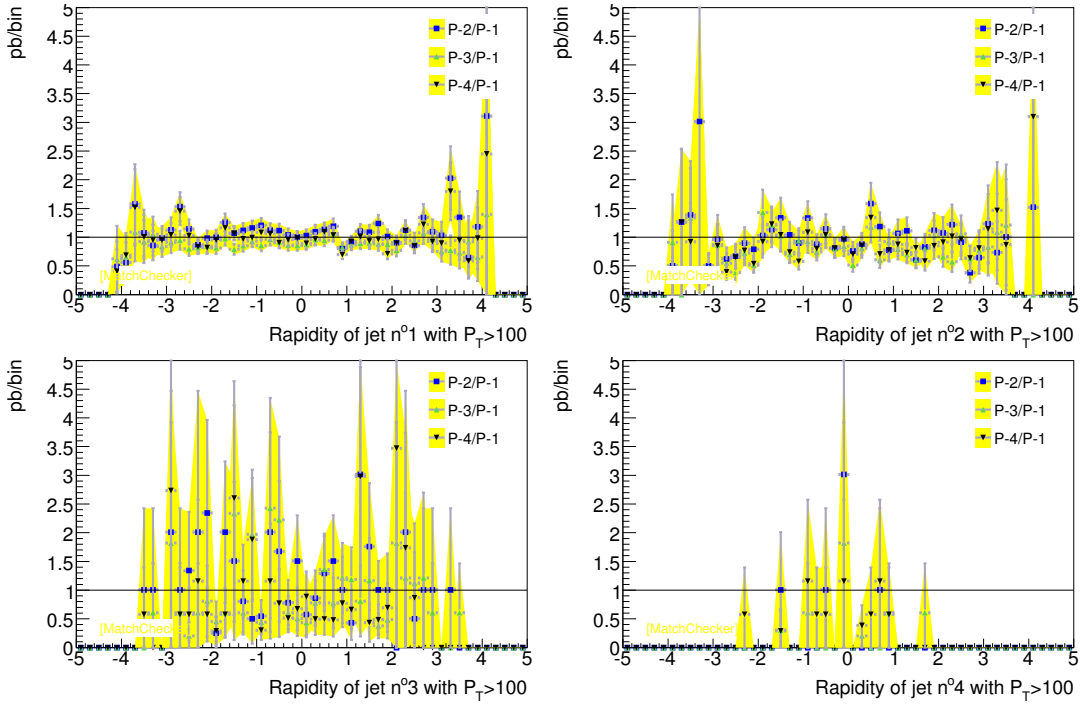

Figure 36: Comparison of kinematics variables for W^+.

9 Ht calculation

9.1 Ht calculation: Production 1, done with minimal P_T of 20 Gev

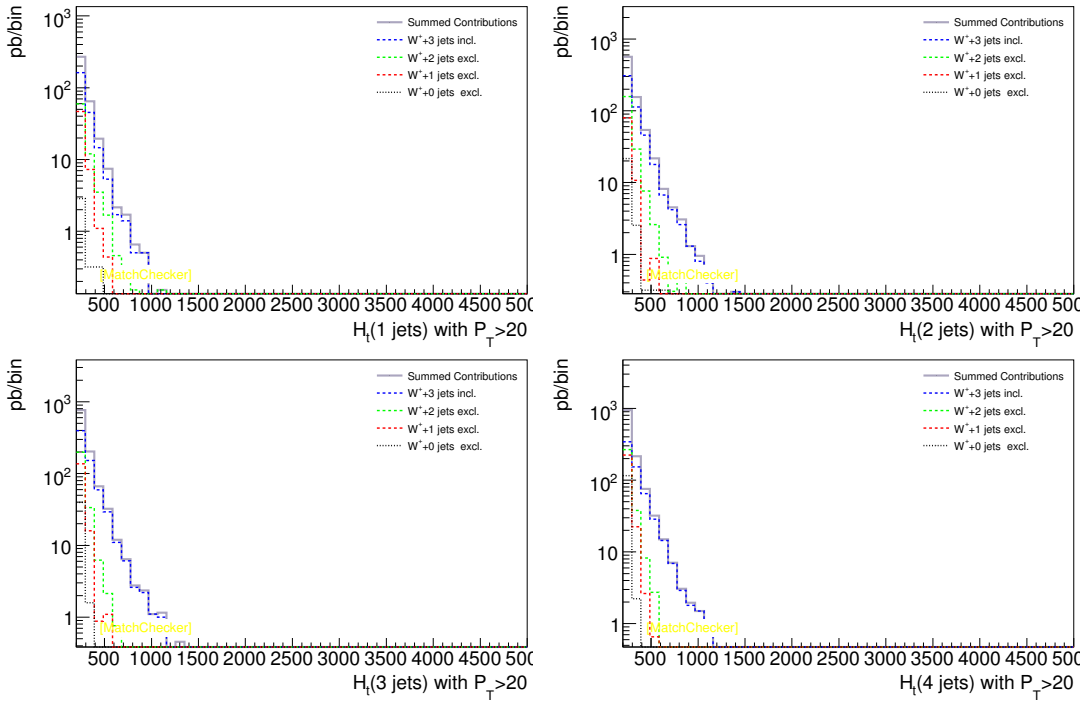

Figure 37: Wplus + 0,1,2,3Jets with UE for the LHC Production

9.2 Ht calculation: Production 2, done with minimal P_T of 20 Gev

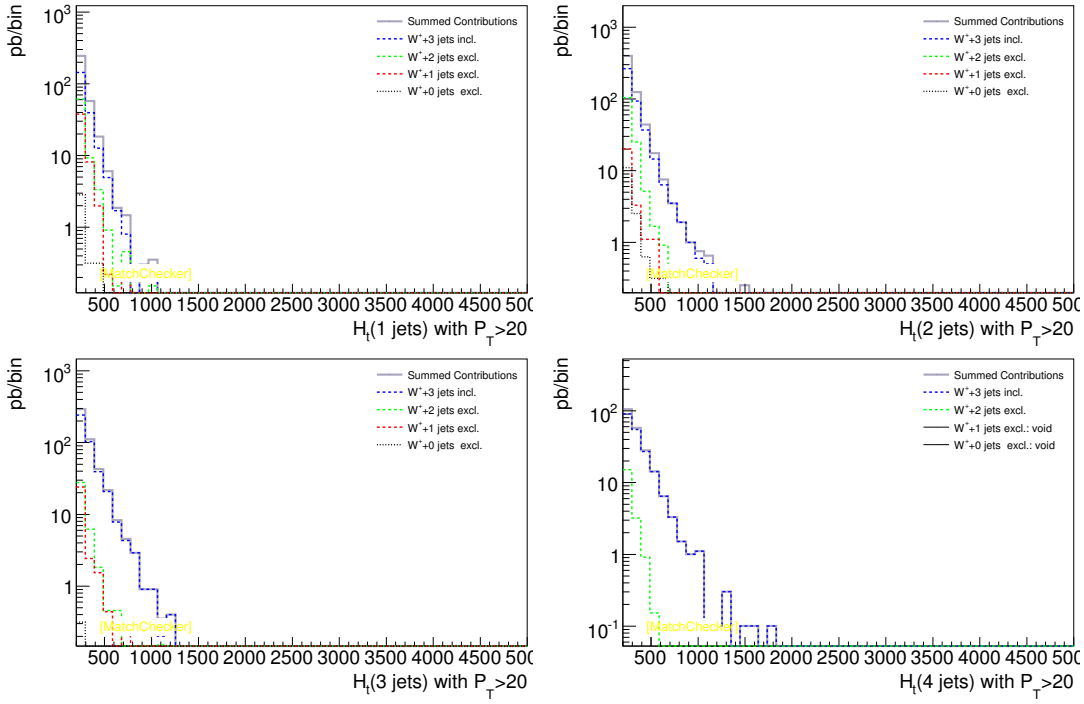

Figure 38: Wplus + 0,1,2,3Jets without UE for the LHC Production

9.3 Ht calculation: Production 3, done with minimal P_T of 20 Gev

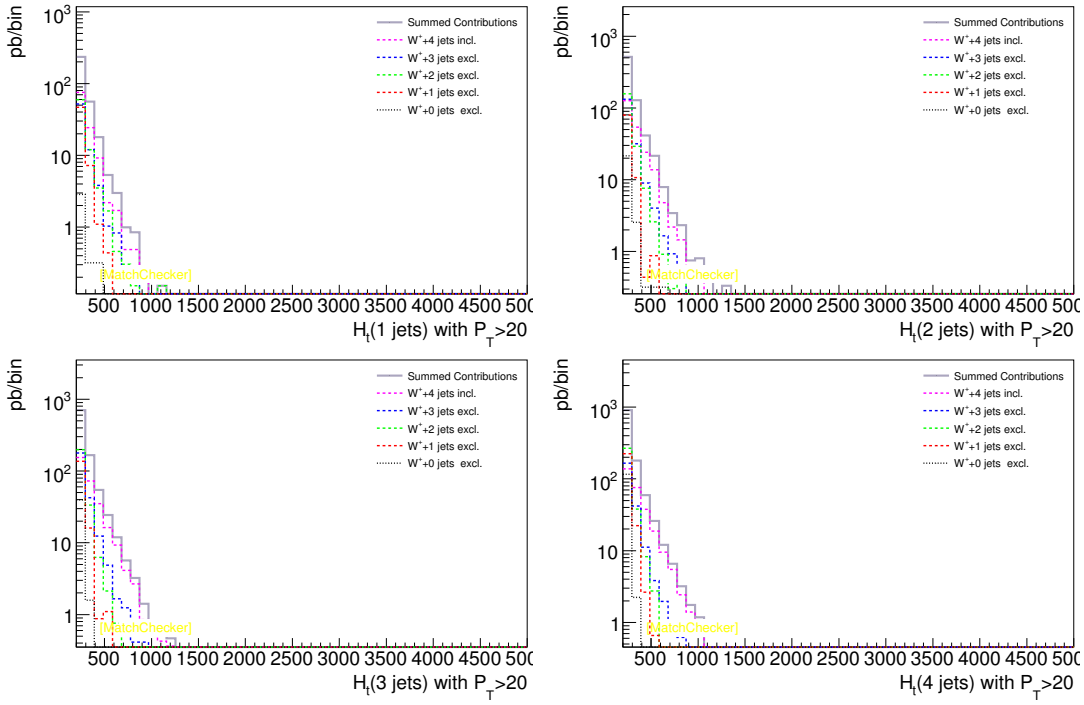

Figure 39: Wplus + 0,1,2,34Jets with UE for the LHC Production

9.4 Ht calculation: Production 4, done with minimal P_T of 20 Gev

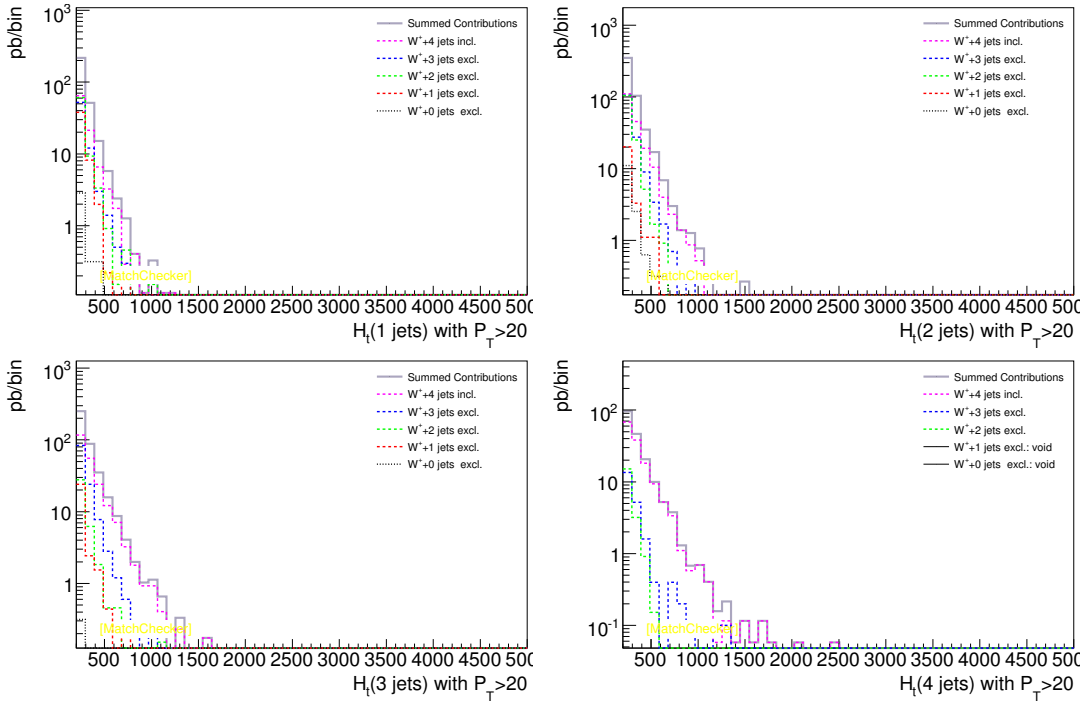

Figure 40: Wplus + 0,1,2,34Jets without UE for the LHC Production

9.5 Comparison of Ht(0 to 4) with a cut of 20 Gev in P_T

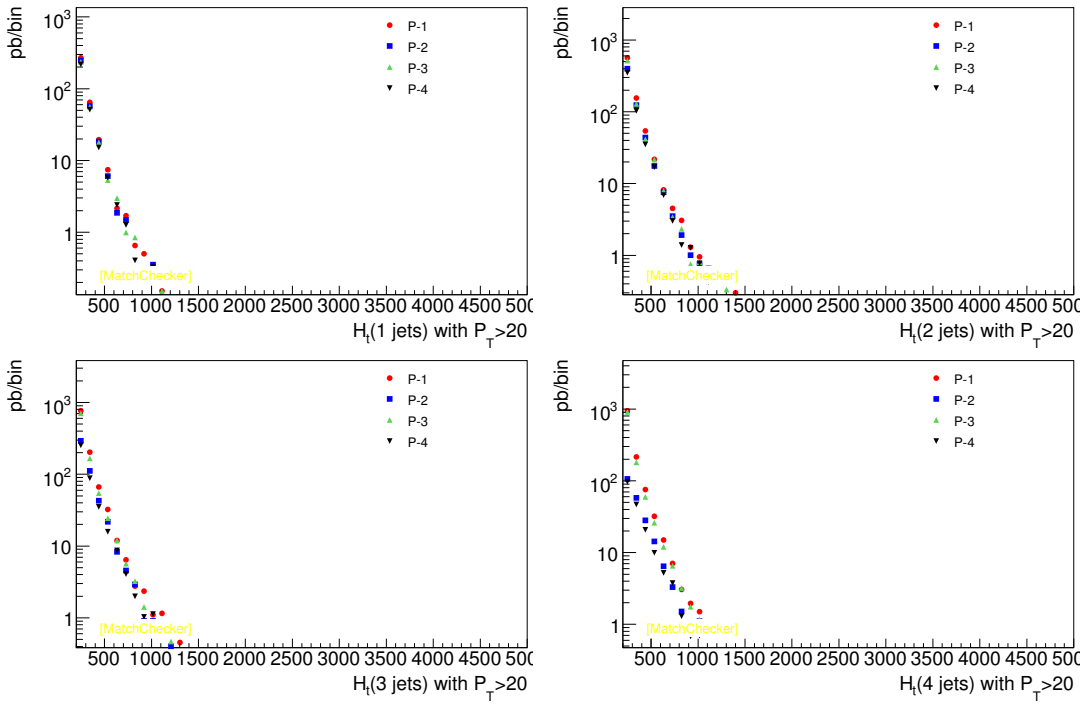

Figure 41: Comparison of Ht(0 to 4) variables for W^+.

9.6 Ratio of distributions

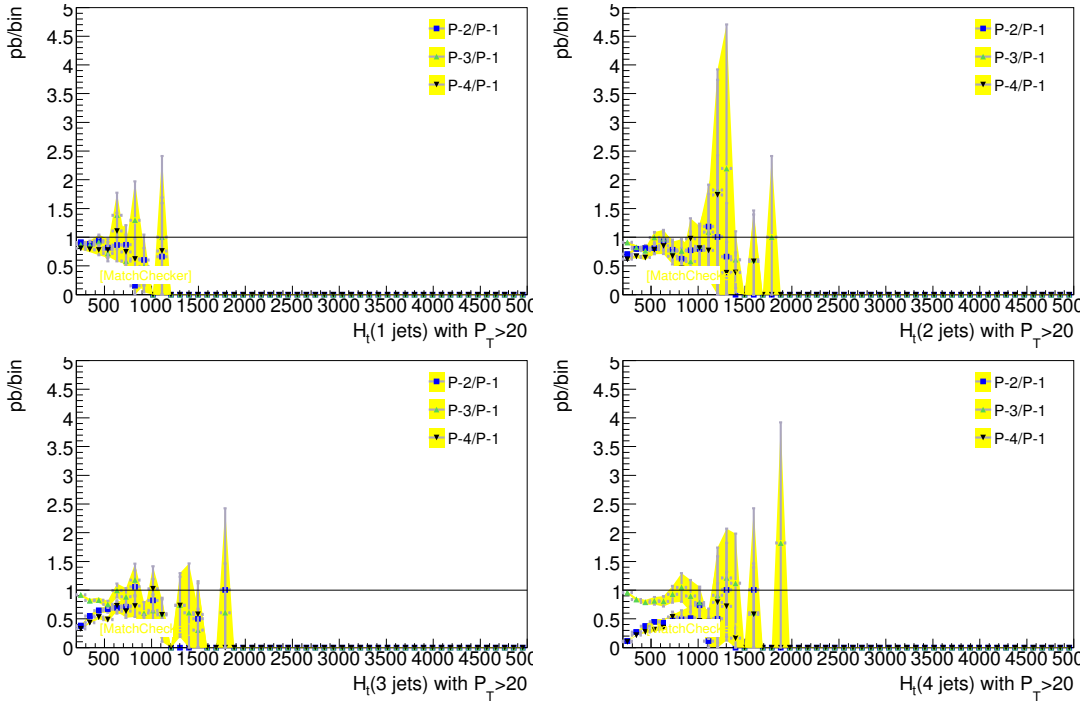

Figure 42: Ratio of Ht(0 to 4) for W^+.

9.7 Ht calculation: Production 1, done with minimal P_T of 50 Gev

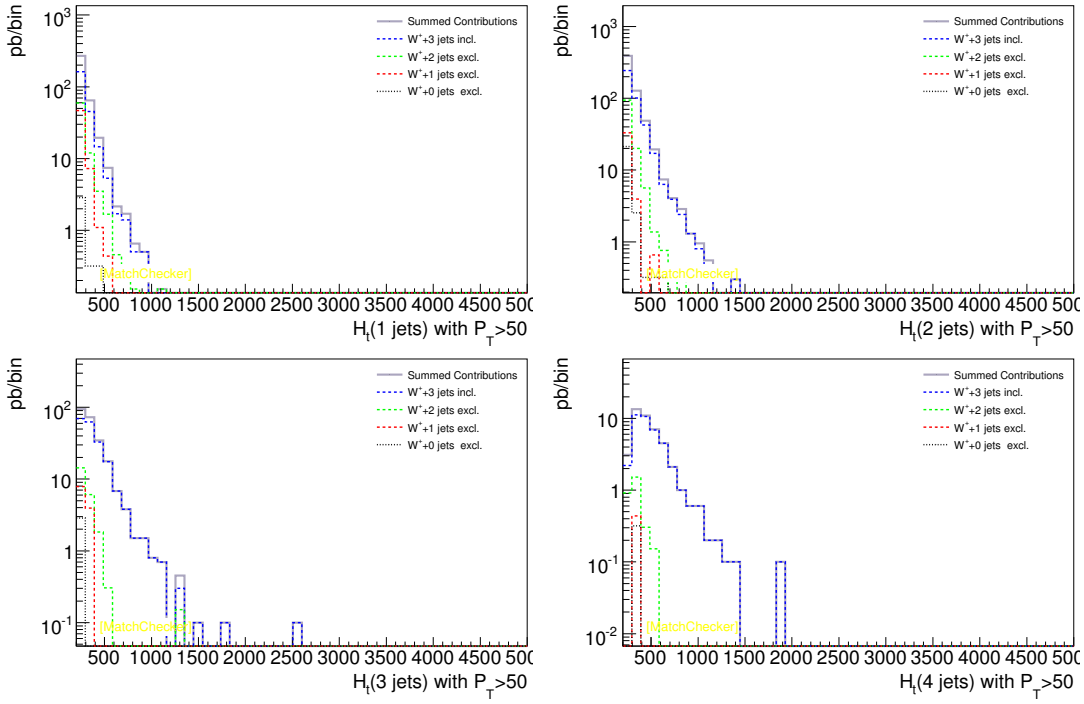

Figure 43: Wplus + 0,1,2,3Jets with UE for the LHC Production

9.8 Ht calculation: Production 2, done with minimal P_T of 50 Gev

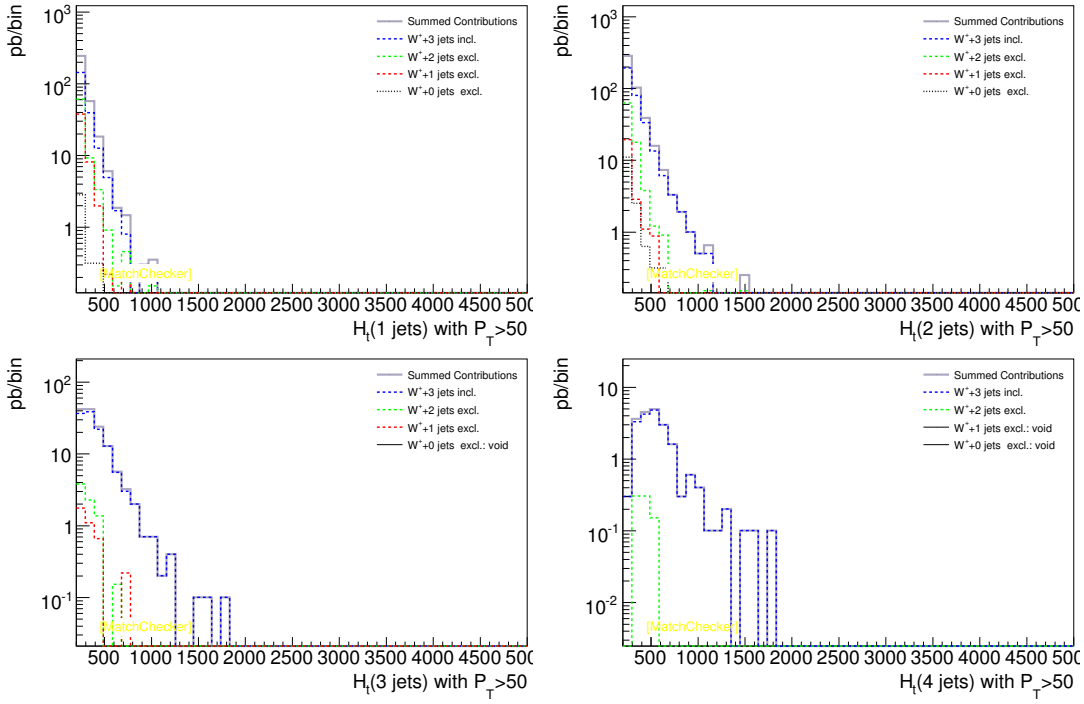

Figure 44: Wplus + 0,1,2,3Jets without UE for the LHC Production

9.9 Ht calculation: Production 3, done with minimal P_T of 50 Gev

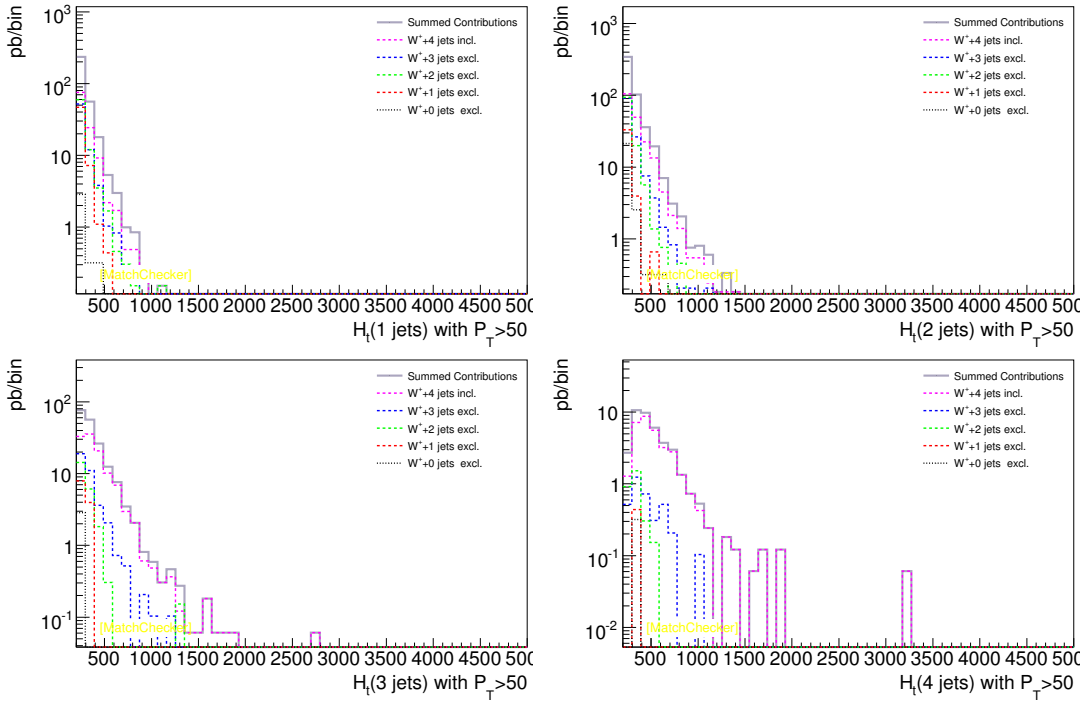

Figure 45: Wplus + 0,1,2,34Jets with UE for the LHC Production

9.10 Ht calculation: Production 4, done with minimal P_T of 50 Gev

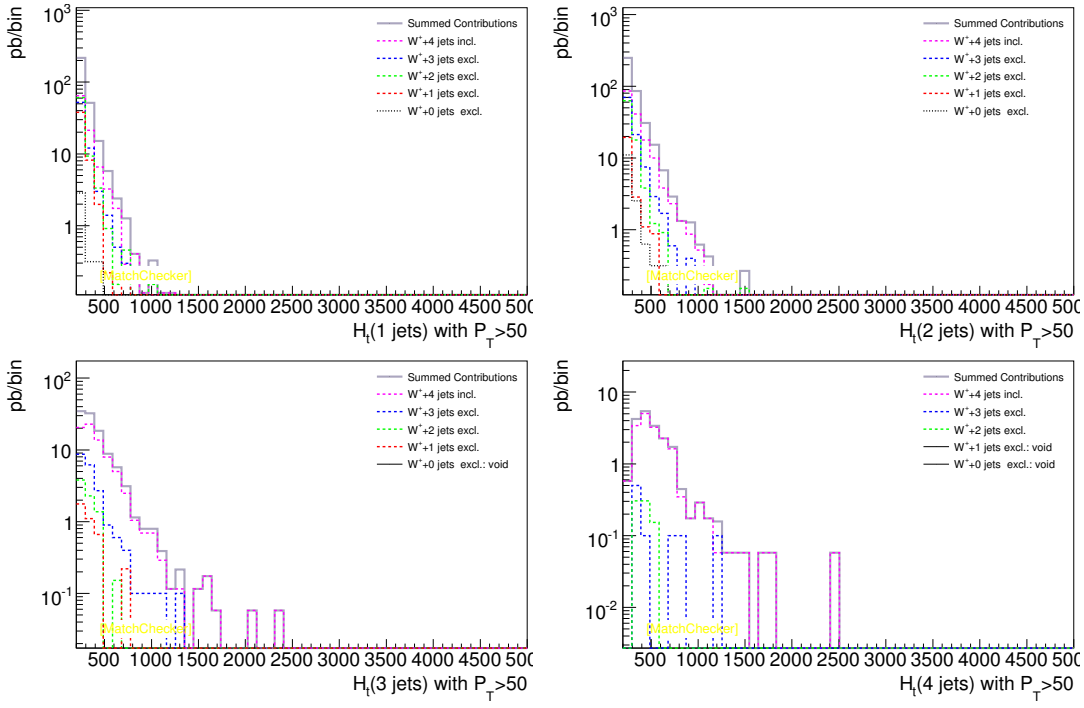

Figure 46: Wplus + 0,1,2,34Jets without UE for the LHC Production

9.11 Comparison of Ht(0 to 4) with a cut of 50 Gev in P_T

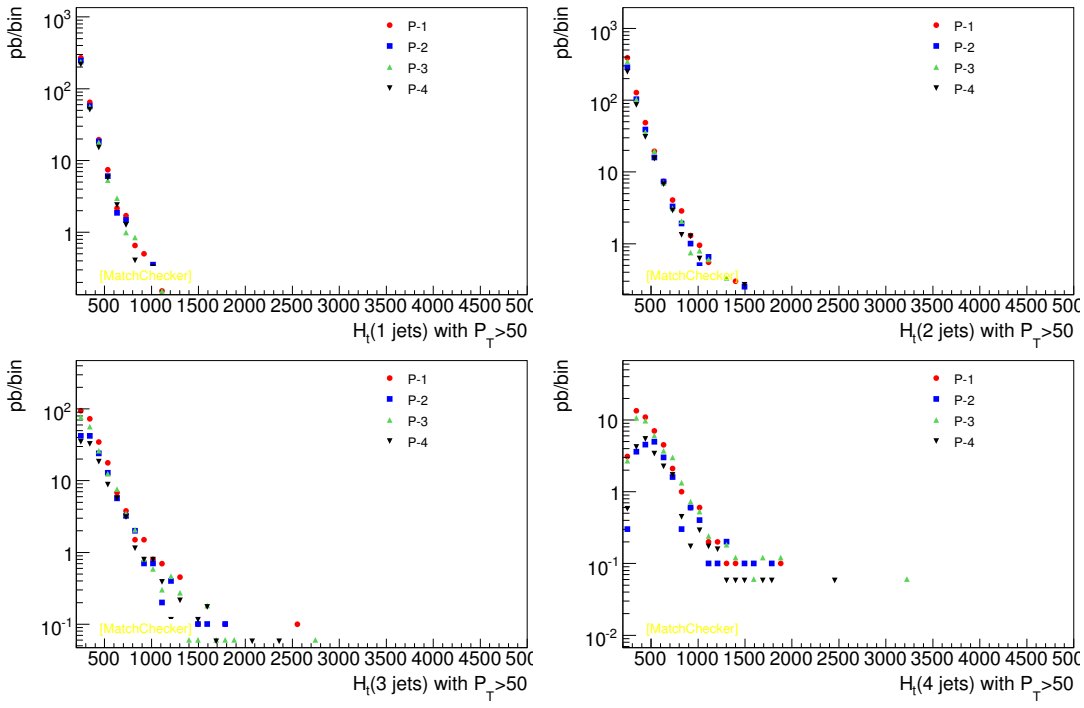

Figure 47: Comparison of Ht(0 to 4) variables for W^+.

9.12 Ratio of distributions

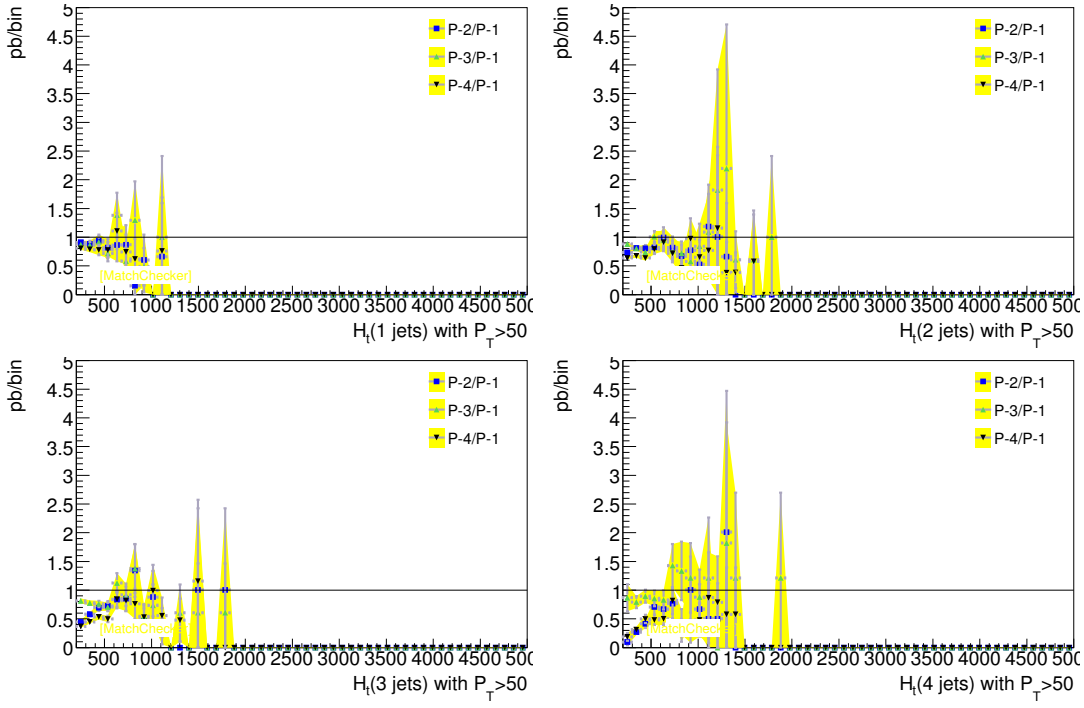

Figure 48: Ratio of Ht(0 to 4) for W^+.

9.13 Ht calculation: Production 1, done with minimal P_T of 100 Gev

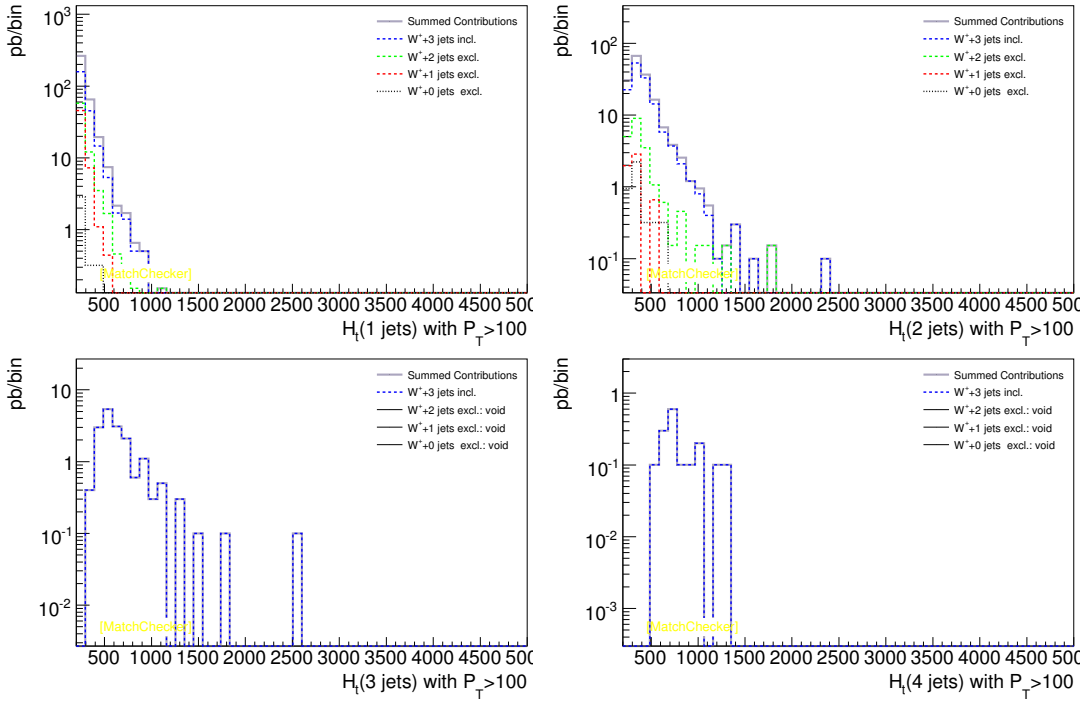

Figure 49: Wplus + 0,1,2,3Jets with UE for the LHC Production

9.14 Ht calculation: Production 2, done with minimal P_T of 100 Gev

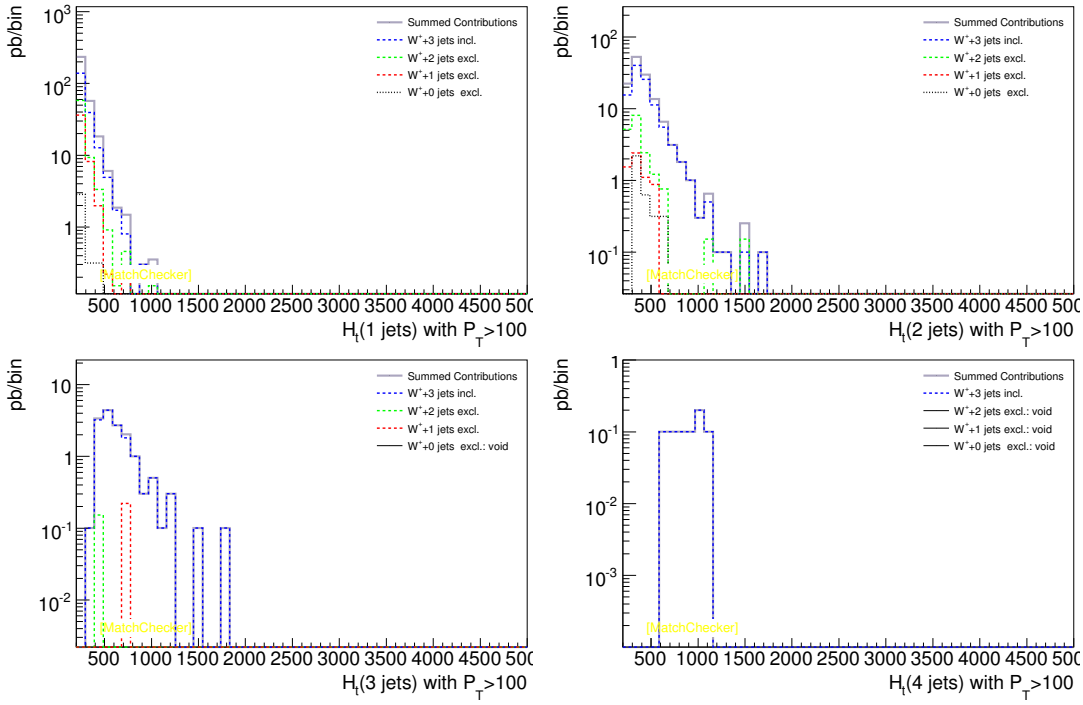

Figure 50: Wplus + 0,1,2,3Jets without UE for the LHC Production

9.15 Ht calculation: Production 3, done with minimal P_T of 100 Gev

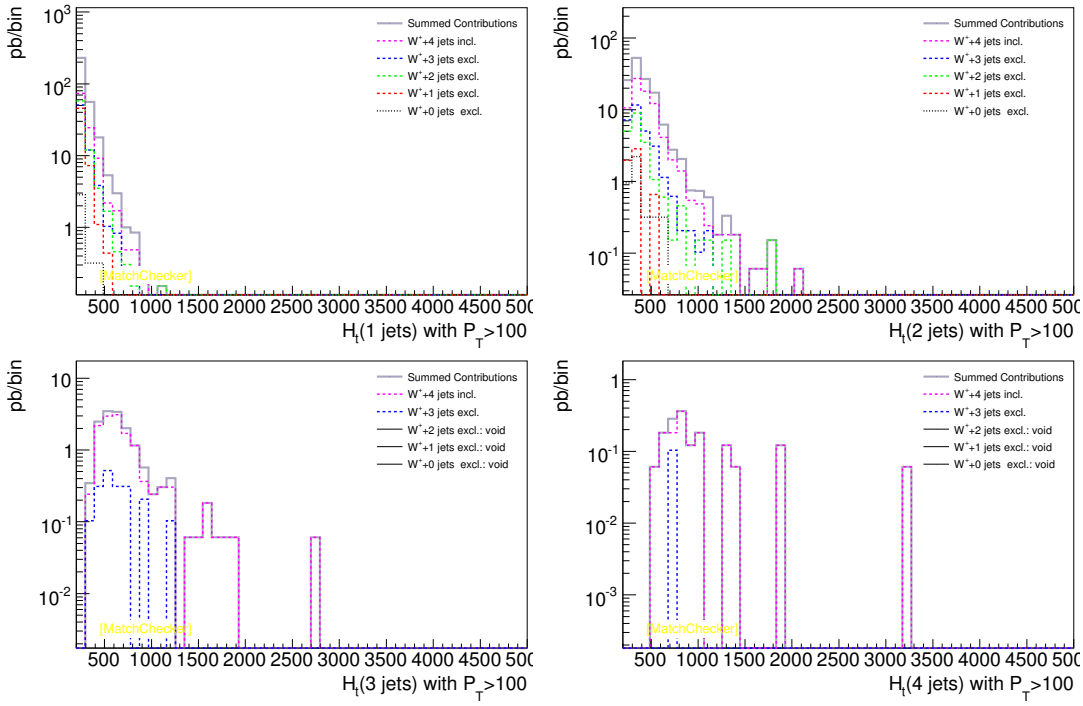

Figure 51: Wplus + 0,1,2,34Jets with UE for the LHC Production

9.16 Ht calculation: Production 4, done with minimal P_T of 100 Gev

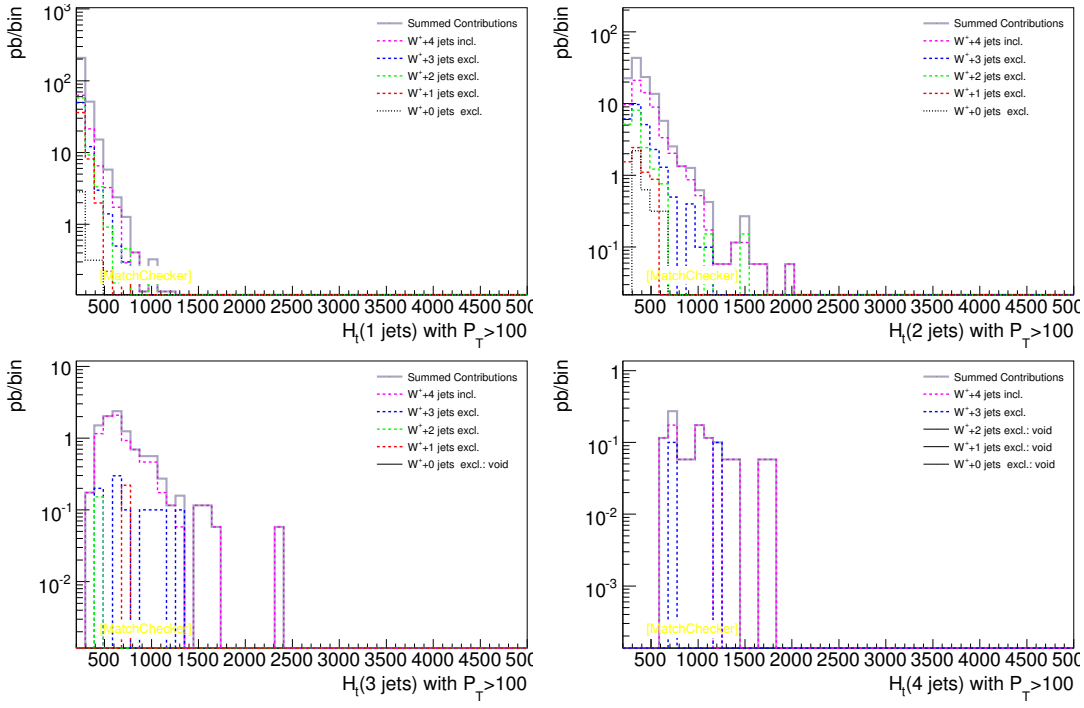

Figure 52: Wplus + 0,1,2,34Jets without UE for the LHC Production

9.17 Comparison of Ht(0 to 4) with a cut of 100 Gev in P_T

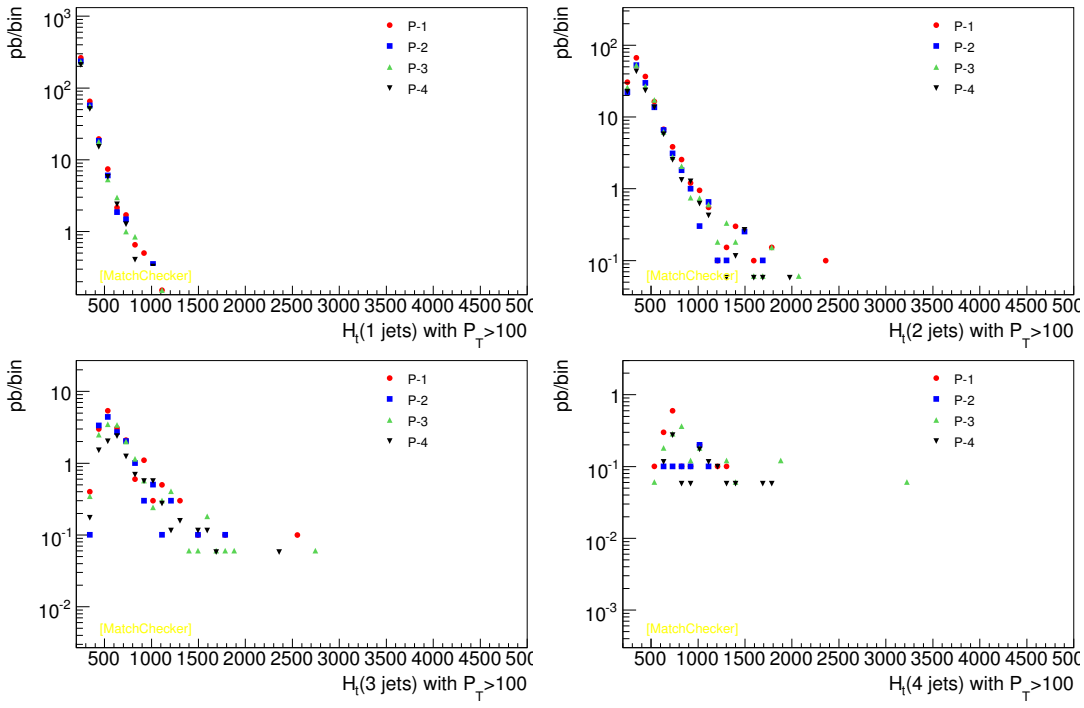

Figure 53: Comparison of Ht(0 to 4) variables for W^+.

9.18 Ratio of distributions

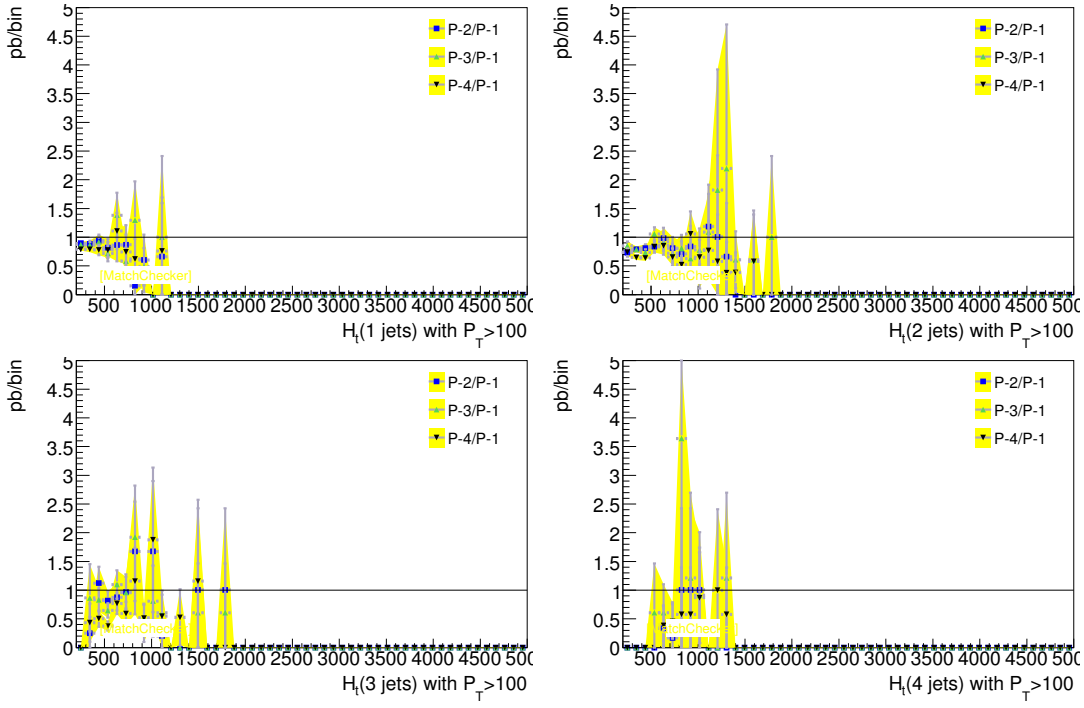

Figure 54: Ratio of Ht(0 to 4) for W^+.

10 Missing ET

10.1 Production 1

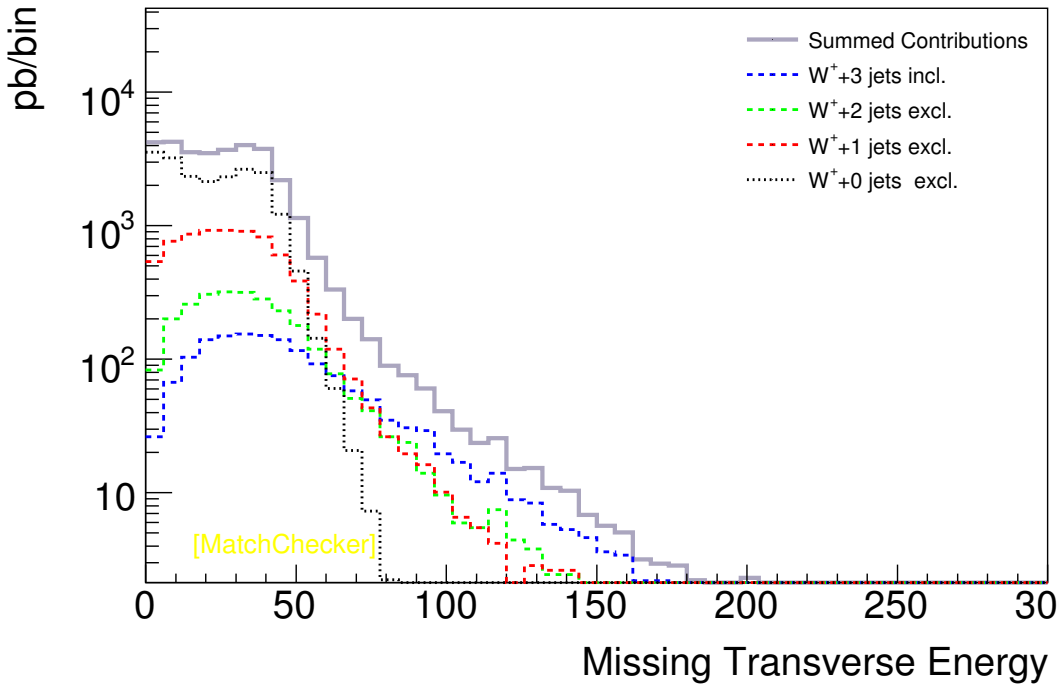

Figure 55: Wplus + 0,1,2,3Jets with UE for the LHC Production

10.2 Production 2

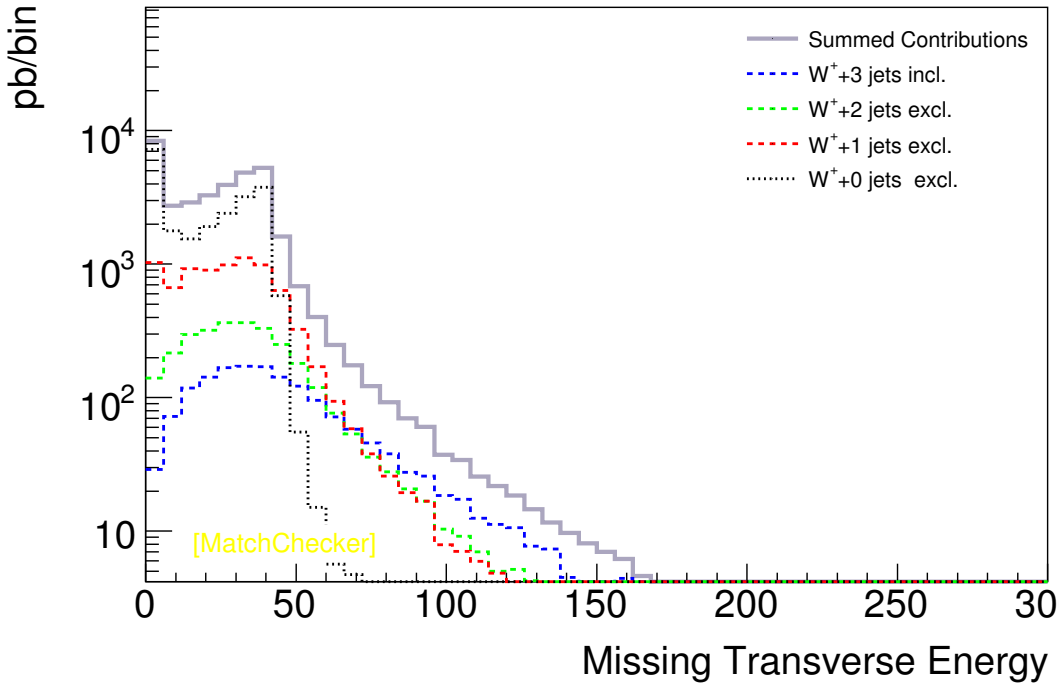

Figure 56: Wplus + 0,1,2,3Jets without UE for the LHC Production

10.3 Production 3

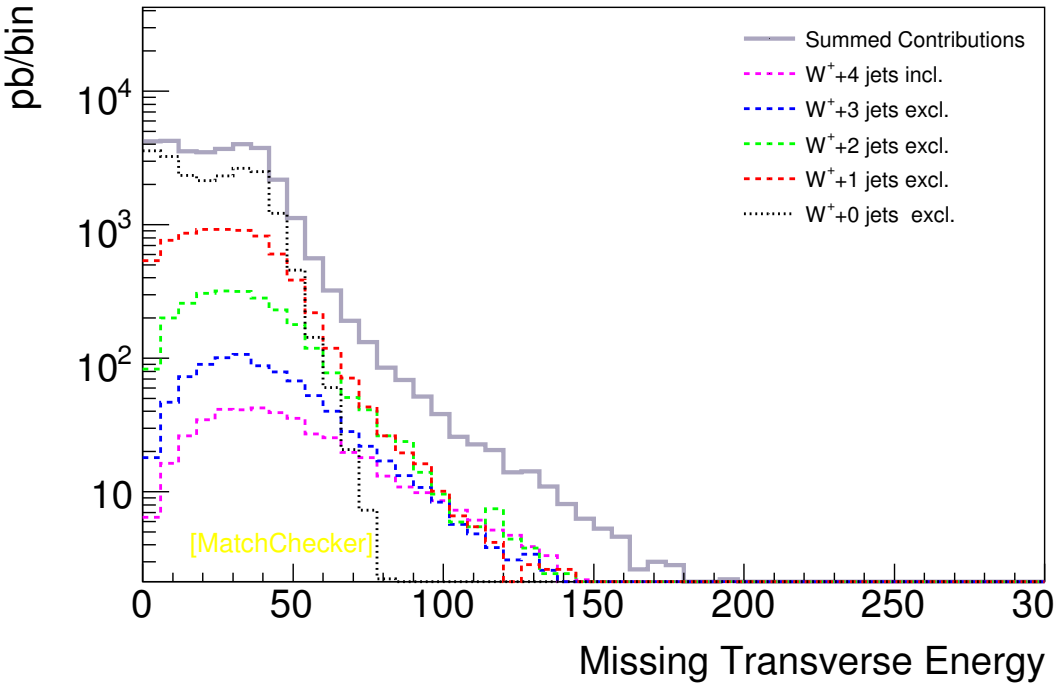

Figure 57: Wplus + 0,1,2,34Jets with UE for the LHC Production

10.4 Production 4

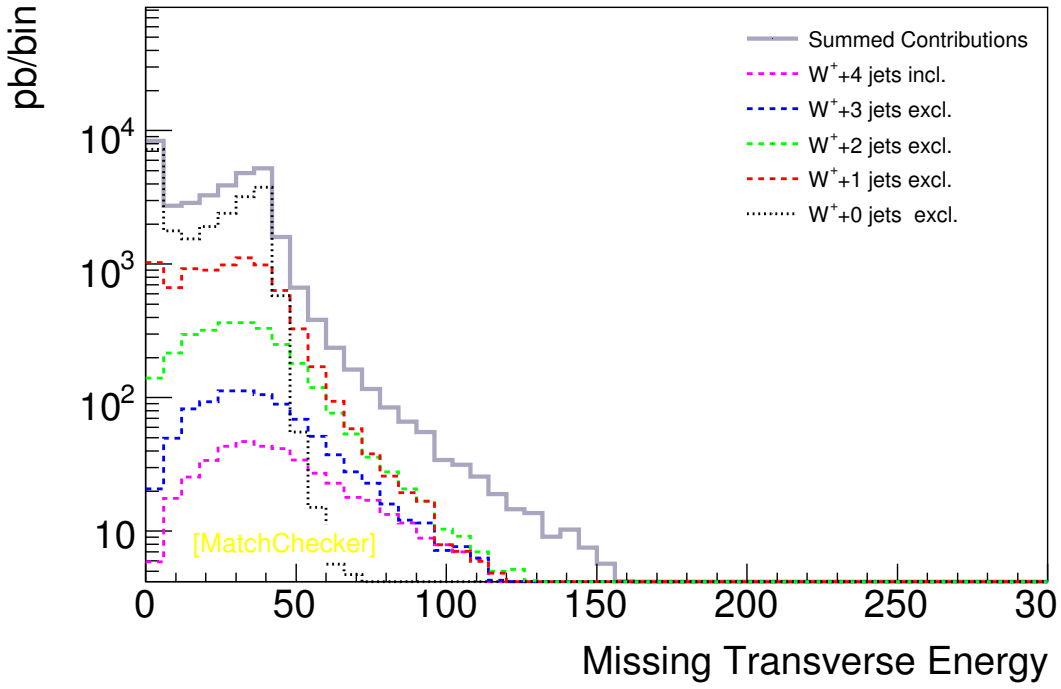

Figure 58: Wplus + 0,1,2,34Jets without UE for the LHC Production

10.5 Comparison of Missing ET (global shapes) between productions

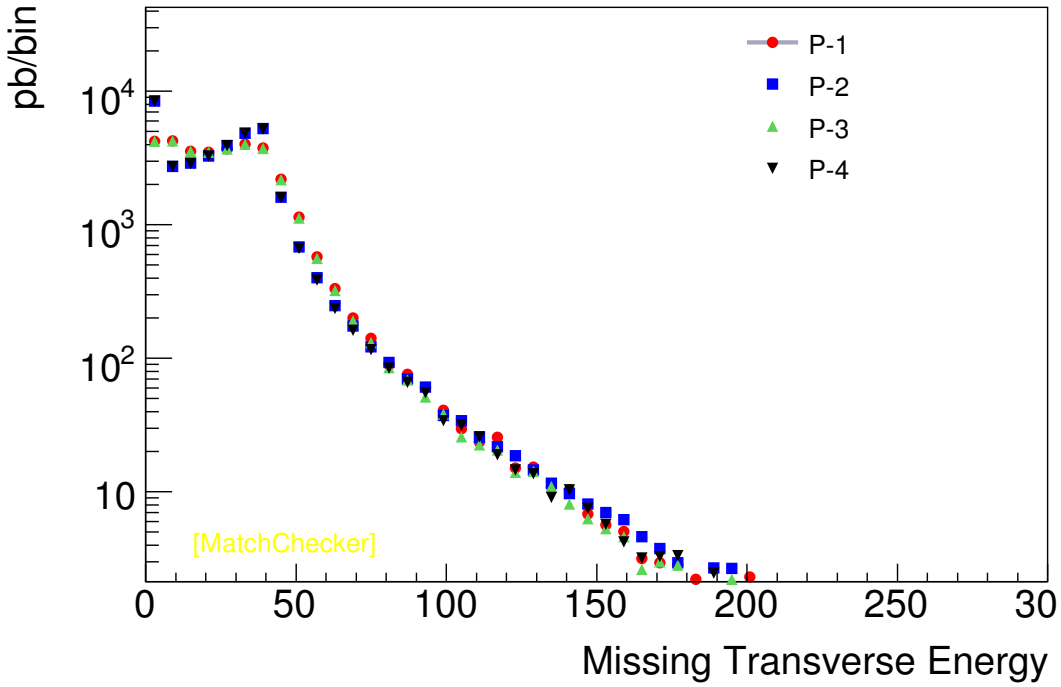

Figure 59: Comparison of kinematics variables for W^+.

10.6 Ratio of distributions

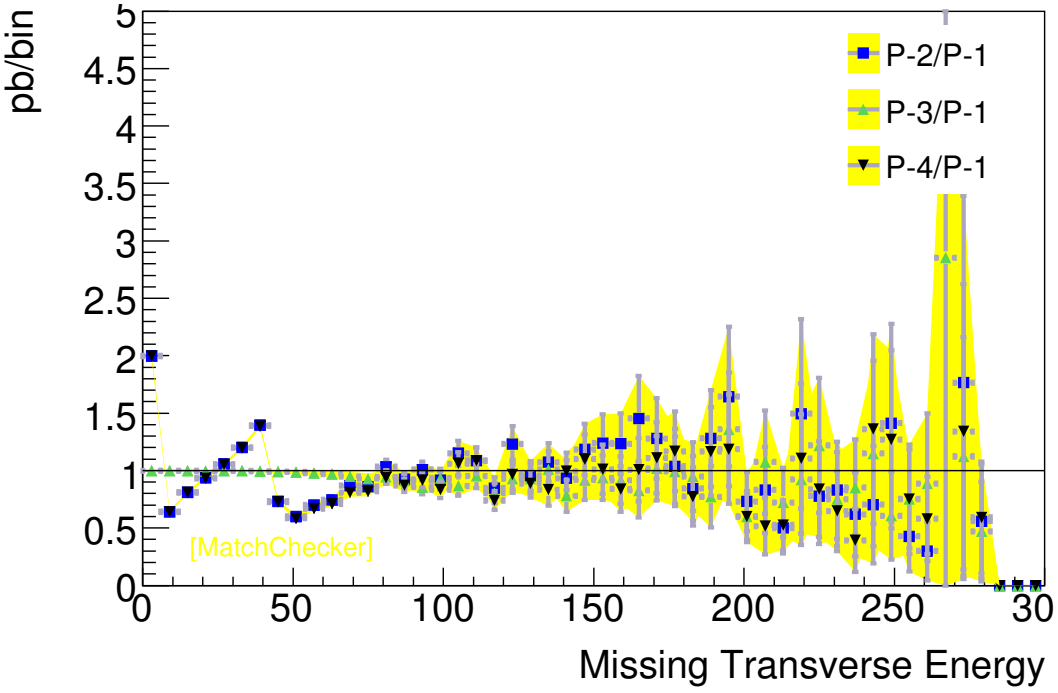

Figure 60: Comparison of kinematics variables for W^+.