Matching Validation and kinematics of Z-photon and extra-jets

MadReport

March 5, 2008

Contents

1 Production 1 details

No banner for this production

2 Differential Jet Rate
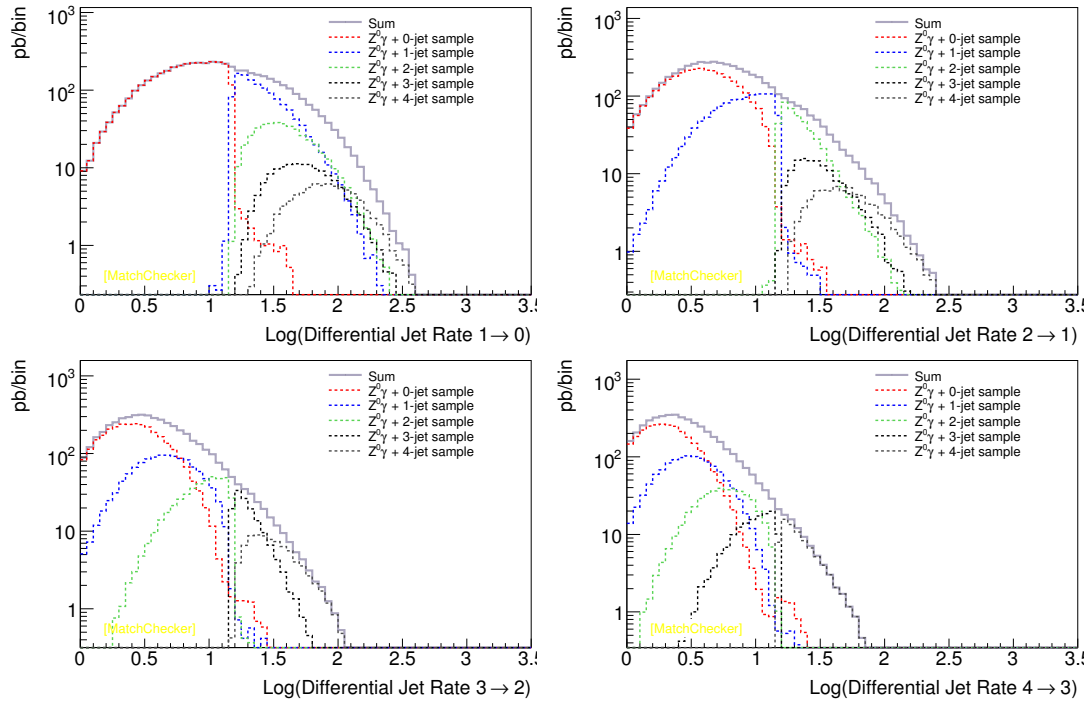
2.1 Production 1

Figure 1: Differential jet rate with $Qcut= 15$ GeV.
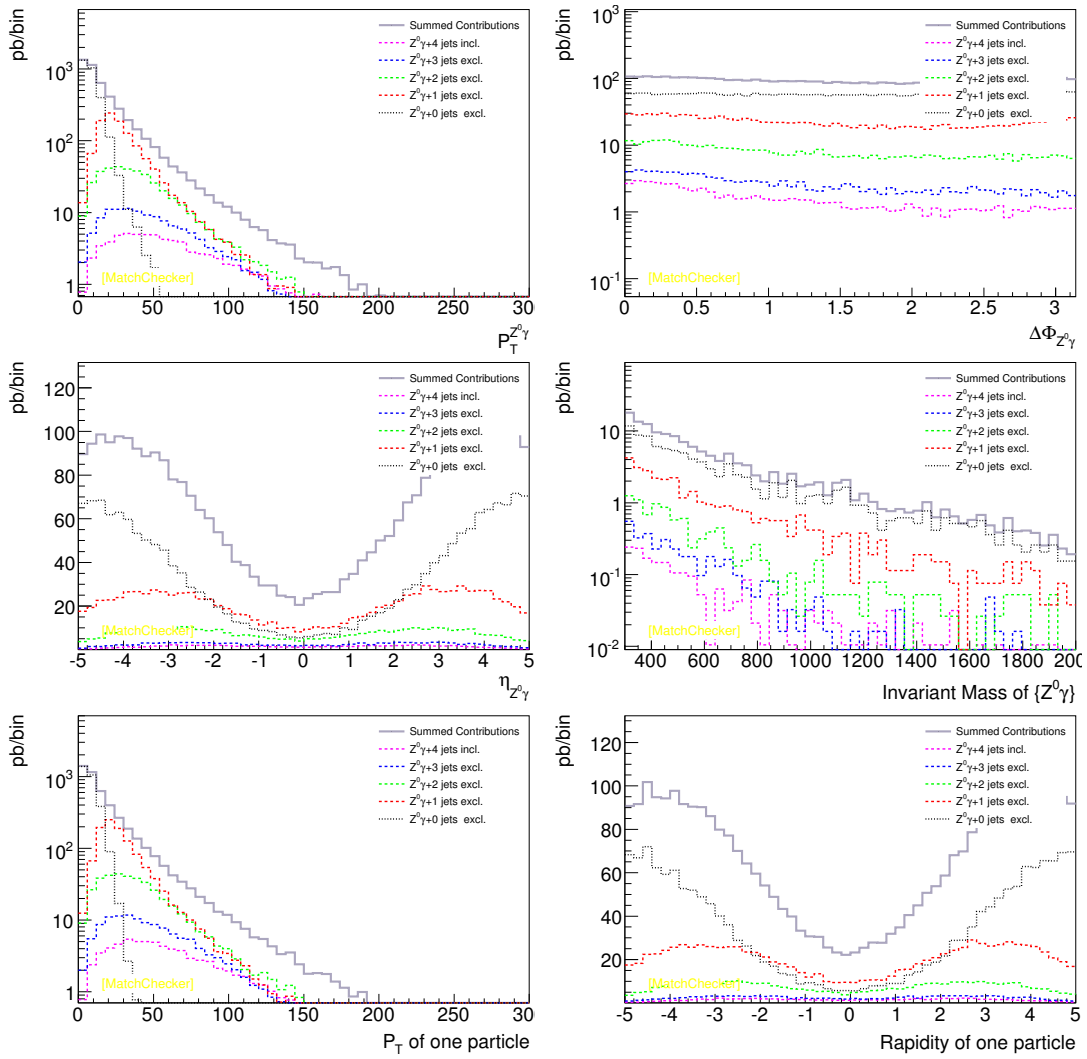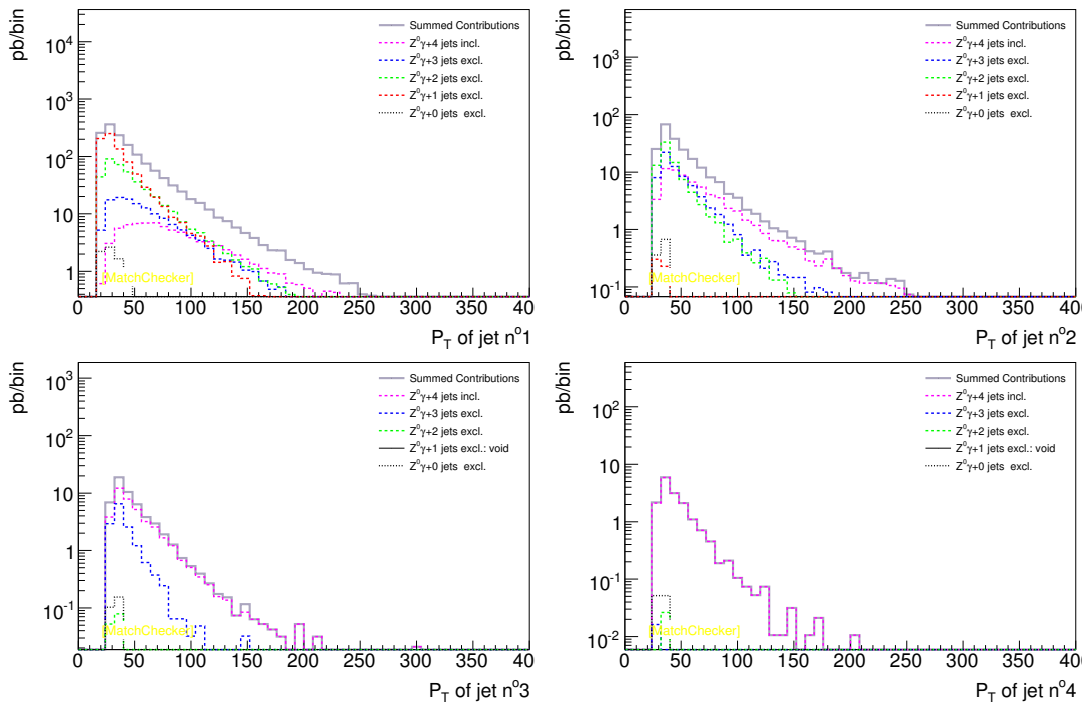
3 X kinematics

3.1 Production 1

Figure 2: Kinematics variables for $Z^0\gamma$ with a multiplicity up to 4 using mg, .

4 Jet P_T

4.1 Production 1

Figure 3: Pt of the four first extra-jets in Pt for $Z^0\gamma$ using mg, .

5 Jet rapidity

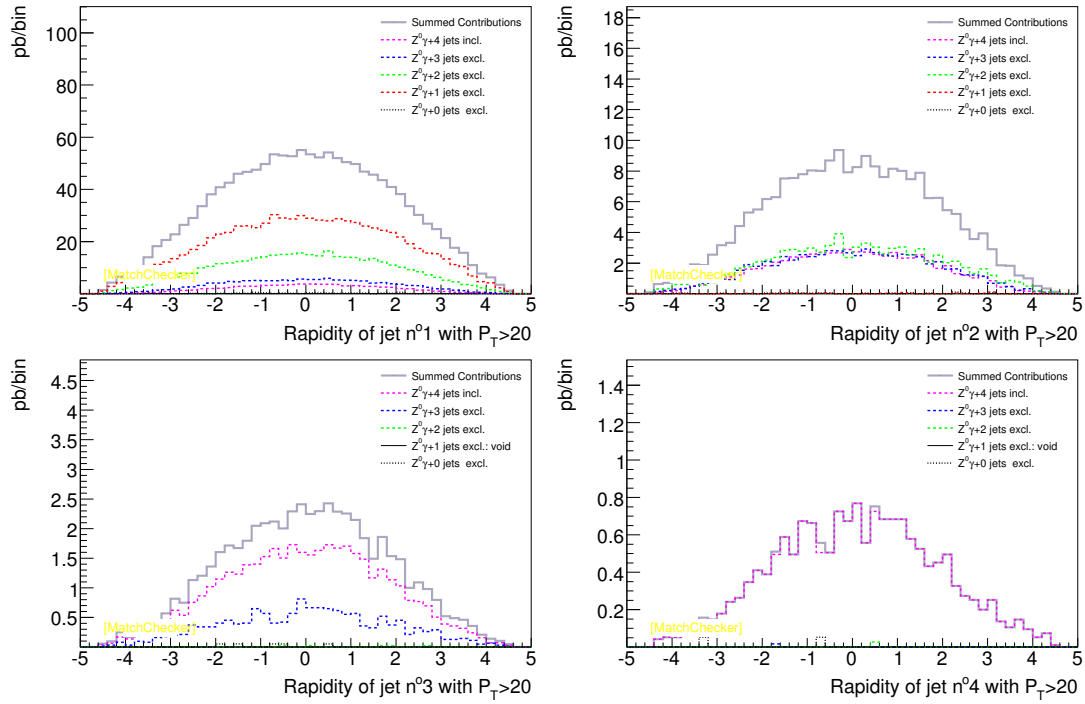## 5.1 Jet Rapidity: Production 1, jets with minimal P_T of 20 Gev

Figure 4: Pt of the four first extra-jets in Pt for $Z^0\gamma$ using mg, .

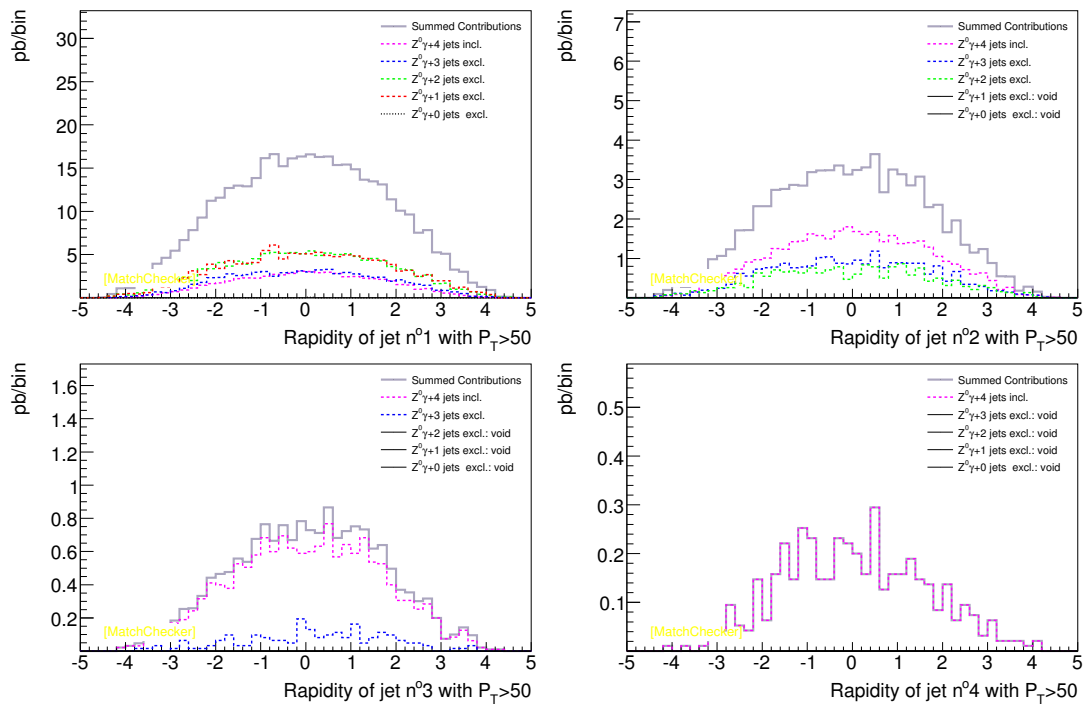## 5.2 Jet Rapidity: Production 1, jets with minimal P_T of 50 Gev

Figure 5: Pt of the four first extra-jets in Pt for $Z^0\gamma$ using mg, .

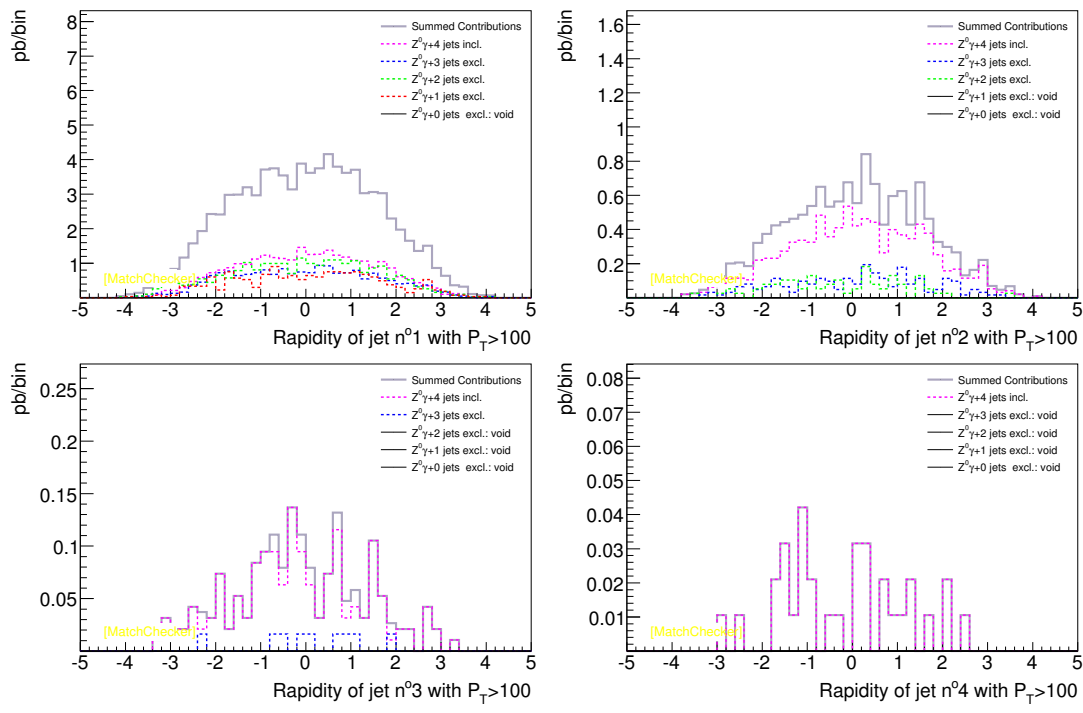## 5.3 Jet Rapidity: Production 1, jets with minimal P_T of 100 Gev

Figure 6: Pt of the four first extra-jets in Pt for $Z^0\gamma$ using mg, .

6 Ht calculation

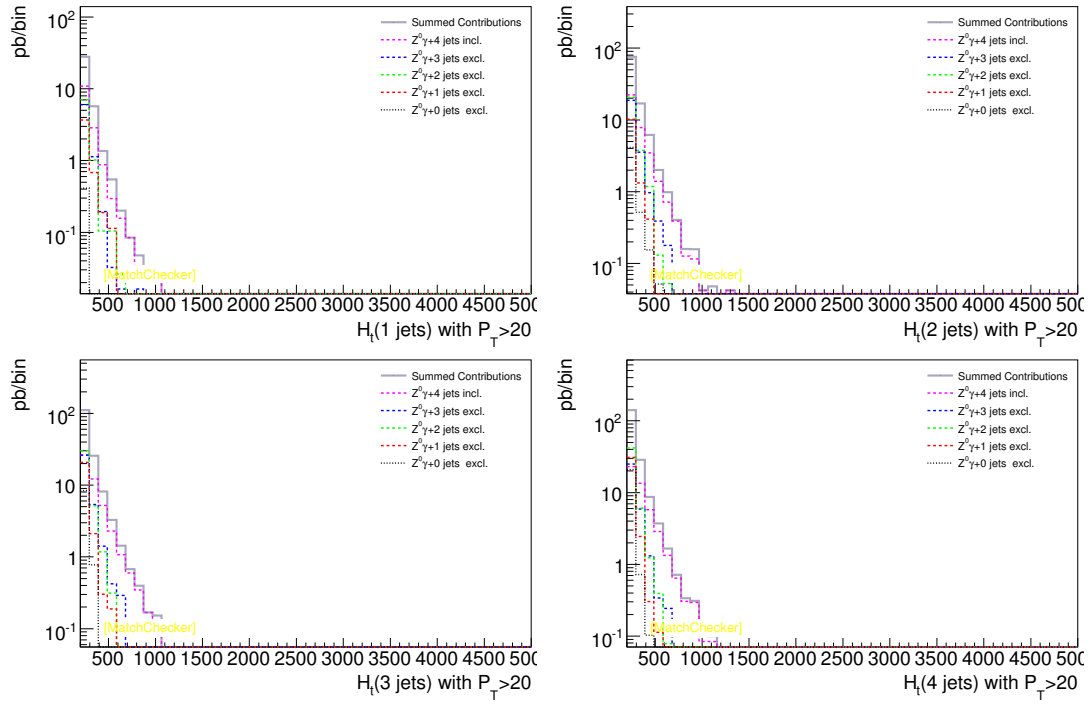## 6.1 Ht calculation: Production 1, done with minimal P_T of 20 Gev

Figure 7: Ht(0 to 4) for $Z^0\gamma$ using mg.
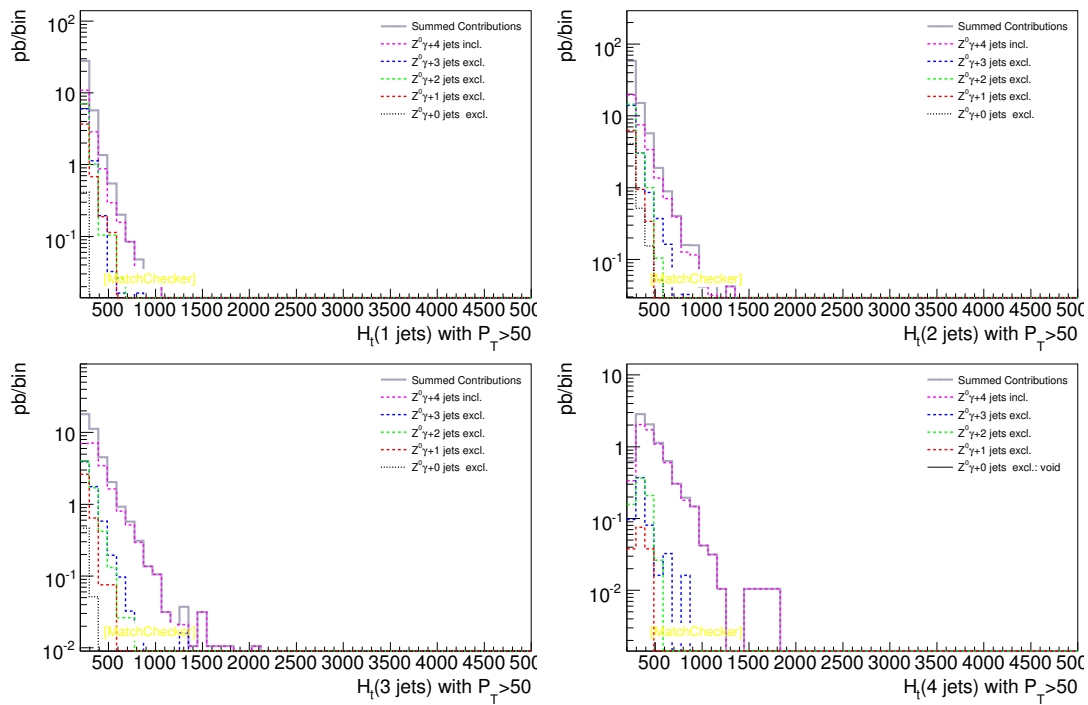
Figure 8: Ht(0 to 4) for $Z^0\gamma$ using mg.

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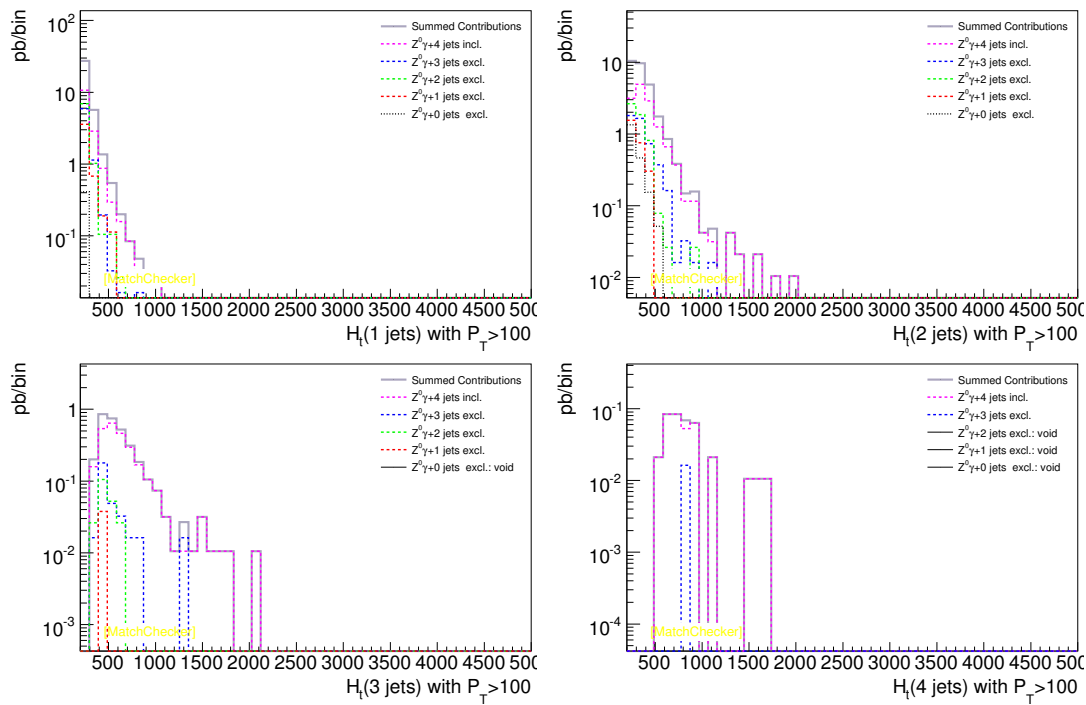

Figure 9: Ht(0 to 4) for $Z^0\gamma$ using mg.
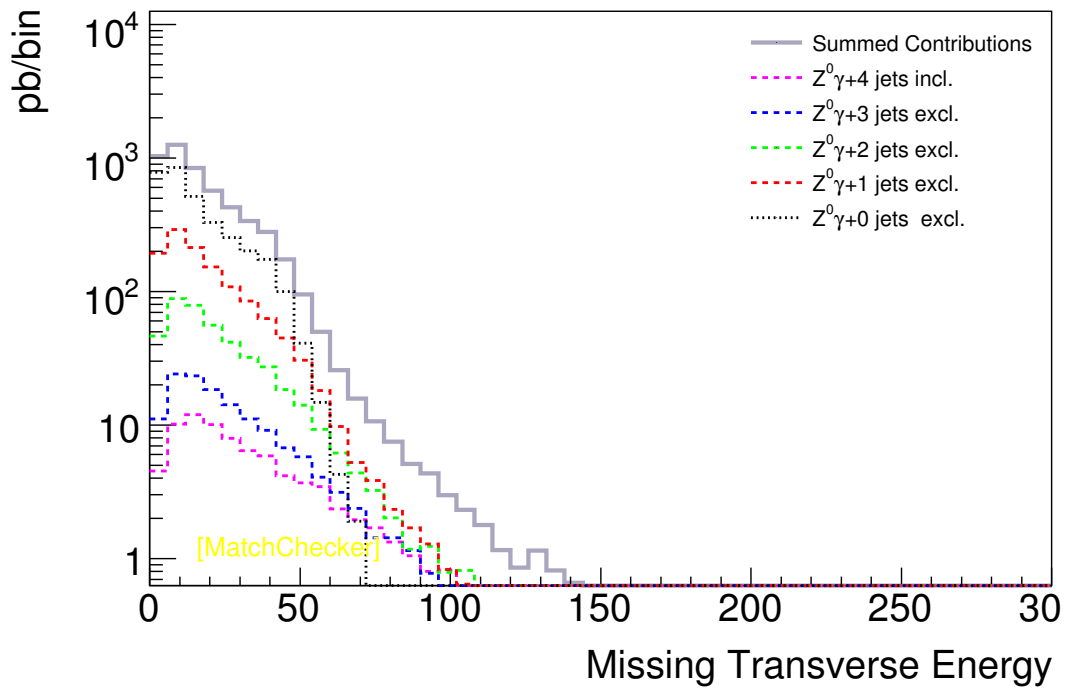
7 Missing ET

7.1 Production 1

Figure 10: Kinematics variables for $Z^0\gamma$ with a multiplicity up to 4 using mg, .