

# Matching Validation and kinematics of and extra-jets

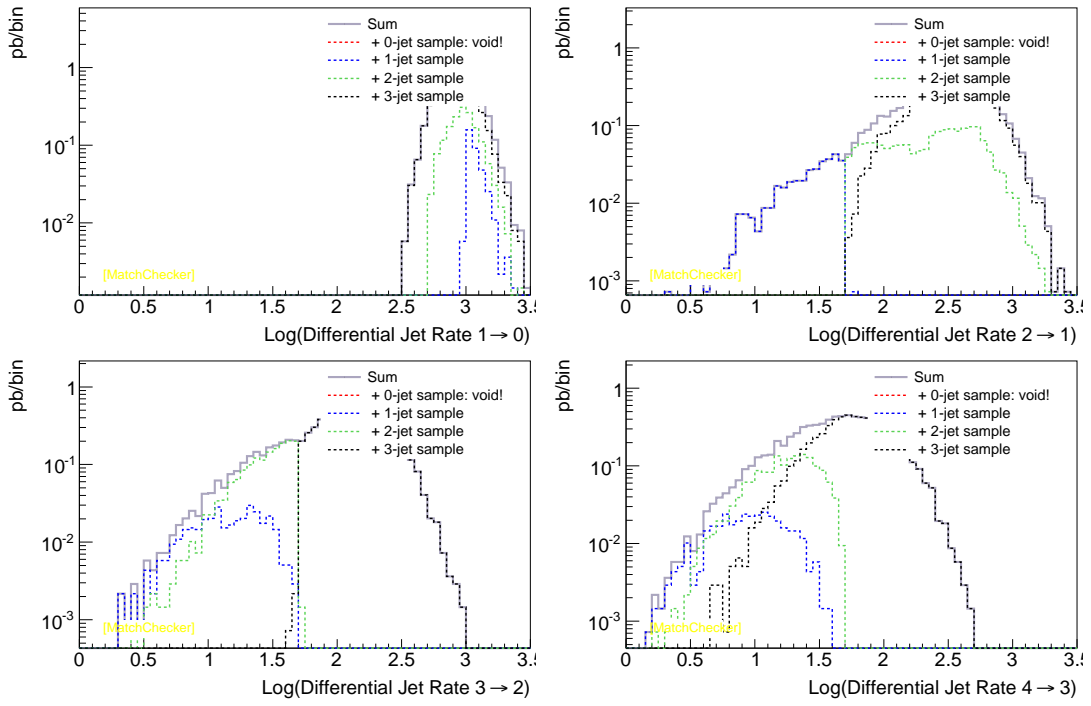
MadReport

March 18, 2010

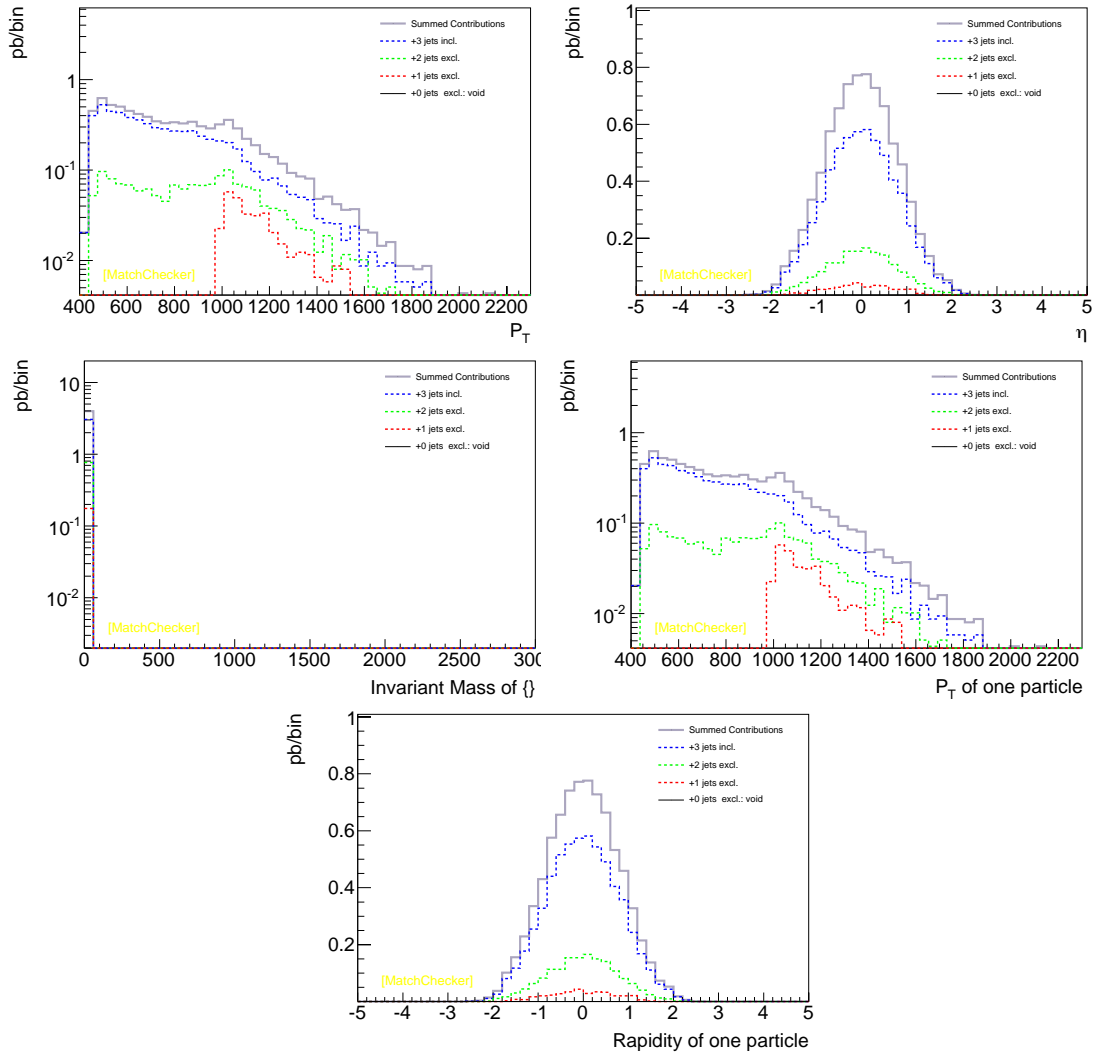
# Contents

<b>1</b>	<b>Differential Jet Rate</b>	<b>3</b>
<b>2</b>	<b>Graviton kinematics</b>	<b>4</b>
<b>3</b>	<b>Jet <math>P_T</math></b>	<b>5</b>
<b>4</b>	<b>Jet rapidity</b>	<b>6</b>
4.1	Jet Rapidity: Production 1, jets with minimal $P_T$ of 20 Gev . . . . .	6
4.2	Jet Rapidity: Production 1, jets with minimal $P_T$ of 50 Gev . . . . .	7
4.3	Jet Rapidity: Production 1, jets with minimal $P_T$ of 100 Gev . . . . .	8
<b>5</b>	<b>Ht calculation</b>	<b>9</b>
5.1	Ht calculation: Production 1, done with minimal $P_T$ of 20 Gev . . . . .	9
5.2	Ht calculation: Production 1, done with minimal $P_T$ of 50 Gev . . . . .	10
5.3	Ht calculation: Production 1, done with minimal $P_T$ of 100 Gev . . . . .	11
<b>6</b>	<b>Missing ET</b>	<b>12</b>

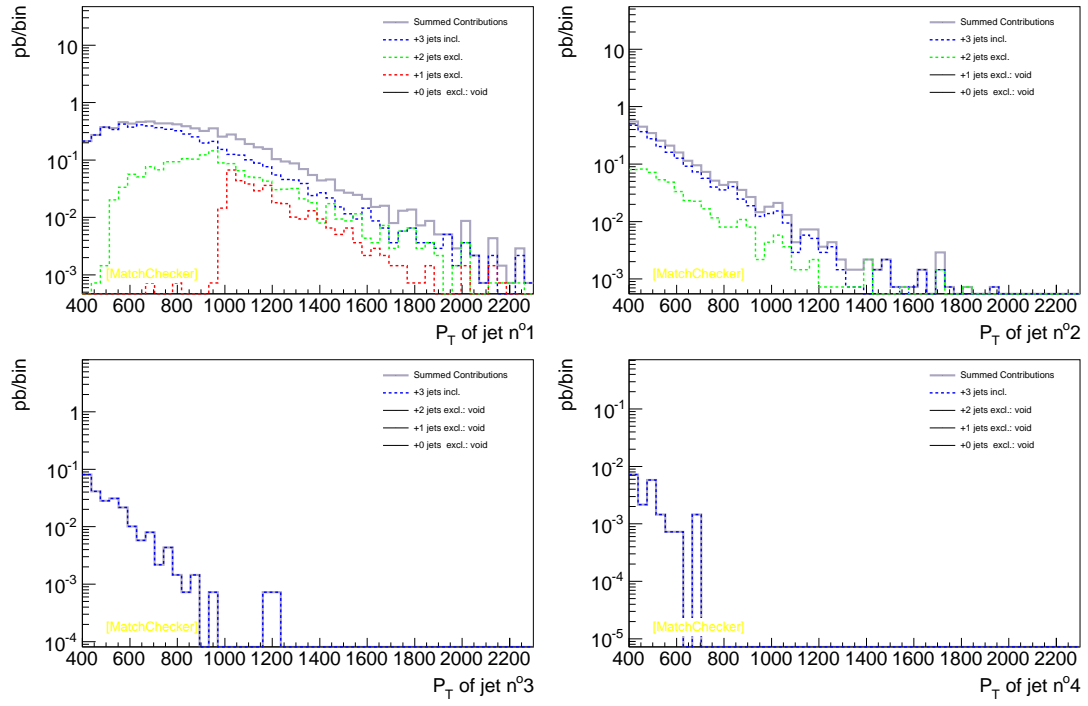
# 1 Differential Jet Rate



## 2 Graviton kinematics

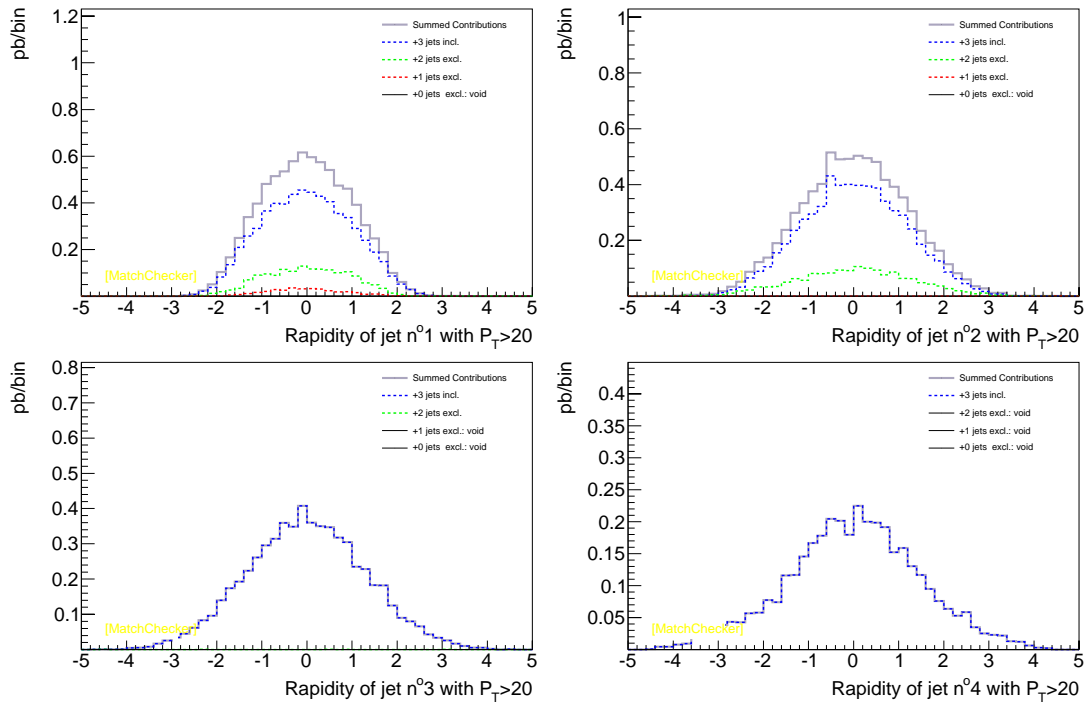


### 3 Jet $P_T$

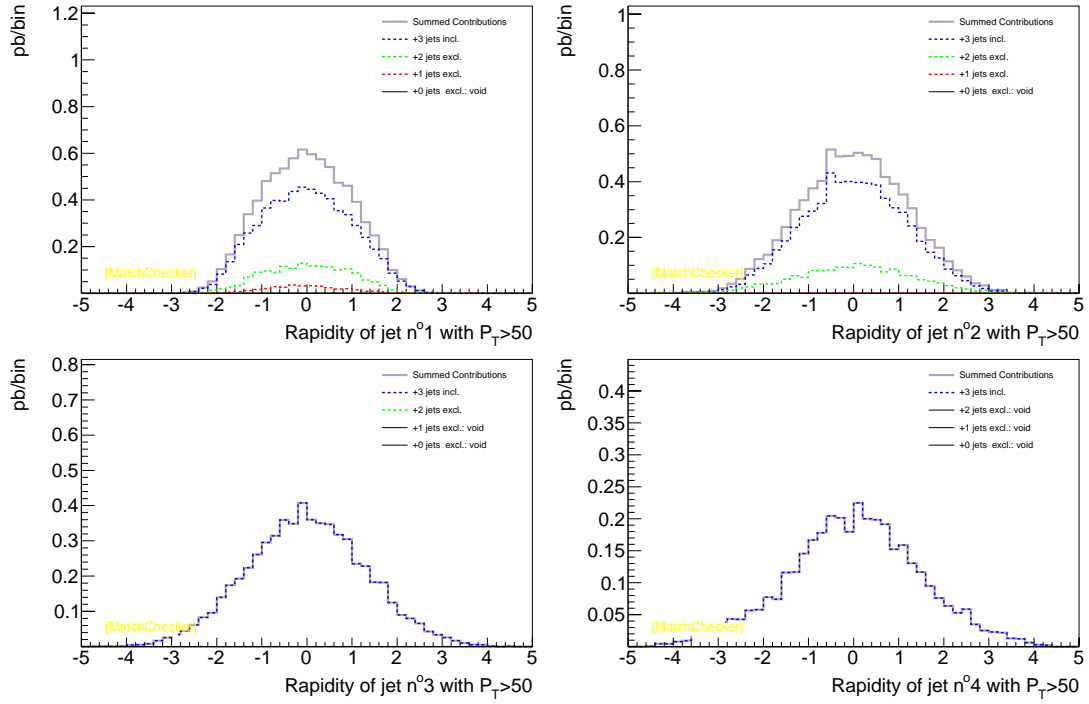


## 4 Jet rapidity

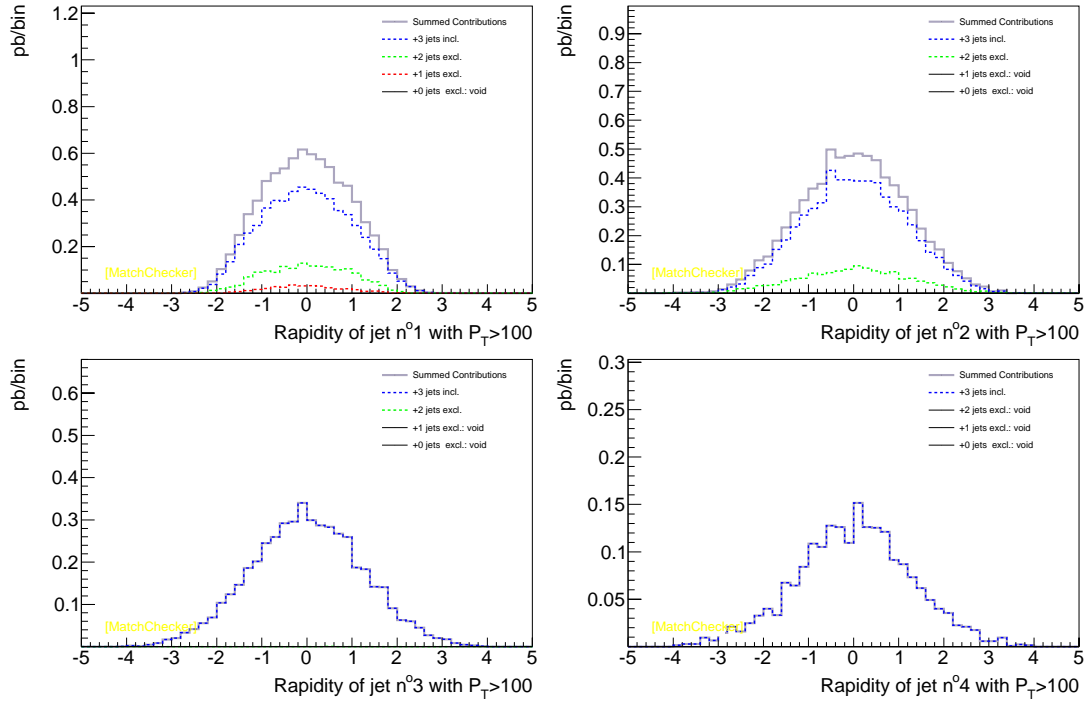
### 4.1 Jet Rapidity: Production 1, jets with minimal $P_T$ of 20 Gev



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



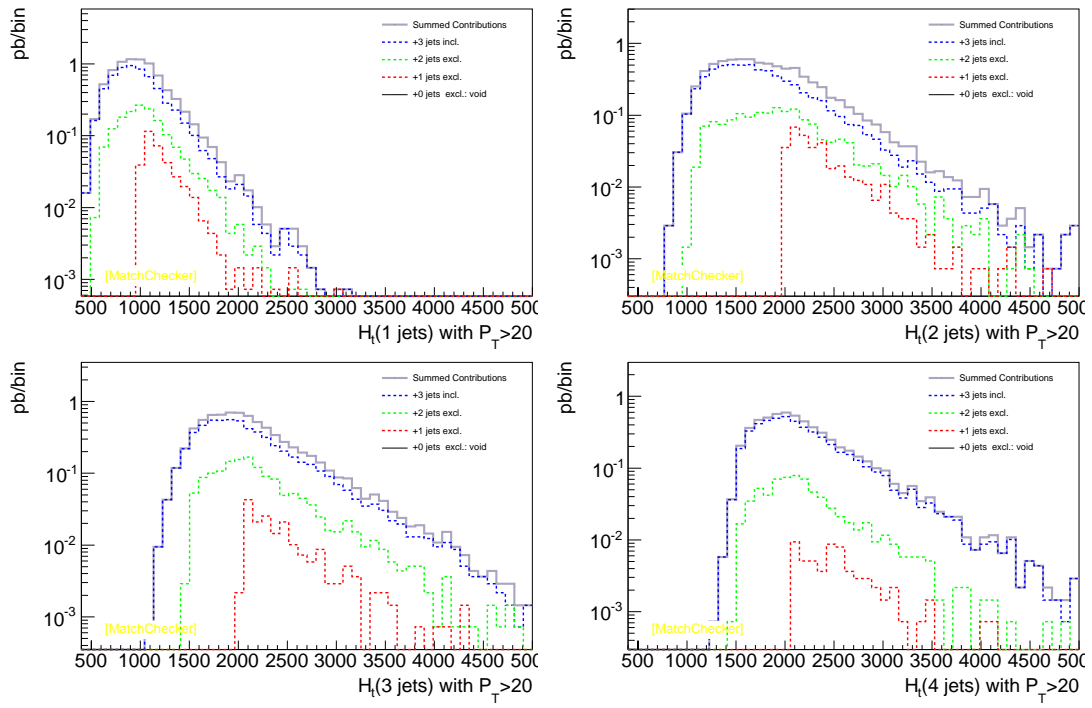
### 4.3 Jet Rapidity: Production 1, jets with minimal $P_T$ of 100 Gev



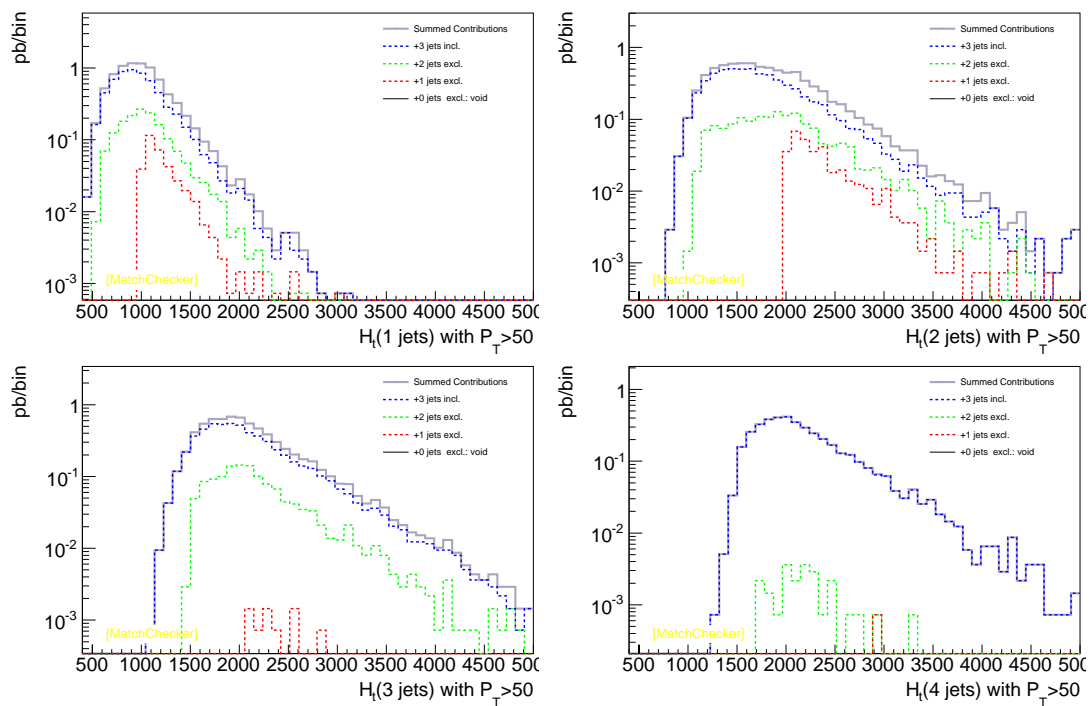


## 5 Ht calculation

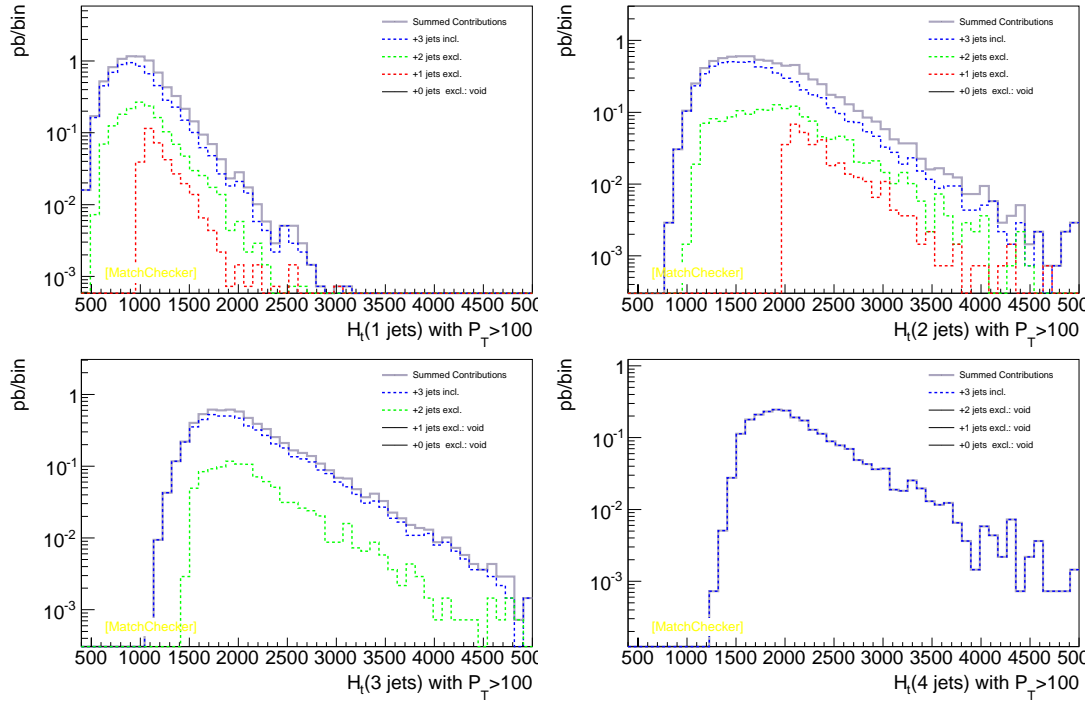
### 5.1 Ht calculation: Production 1, done with minimal $P_T$ of 20 Gev



## 5.2 Ht calculation: Production 1, done with minimal $P_T$ of 50 Gev



### 5.3 Ht calculation: Production 1, done with minimal $P_T$ of 100 Gev



## 6 Missing ET

