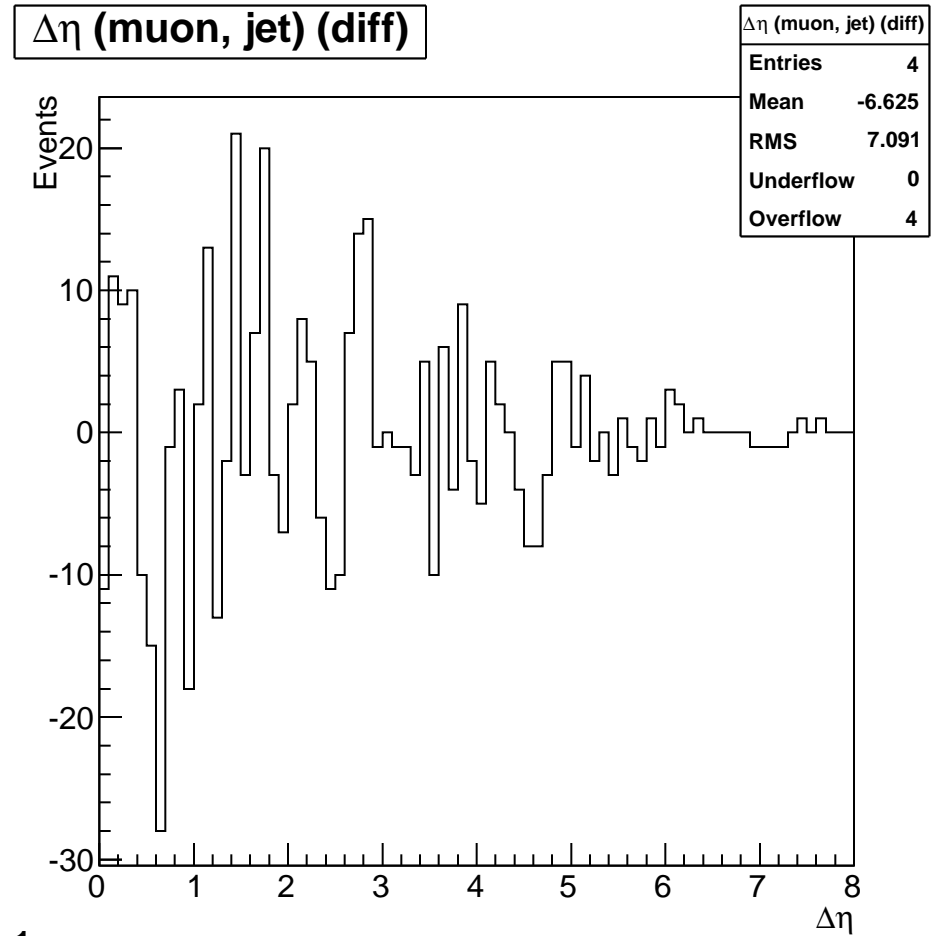
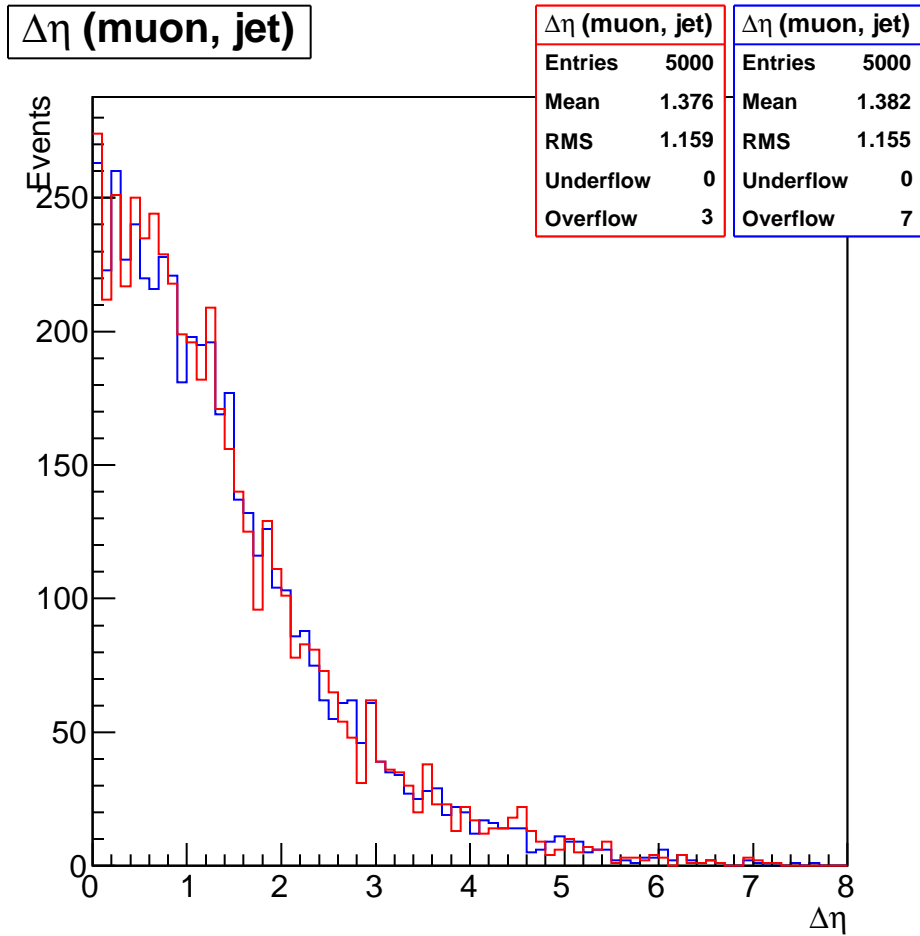
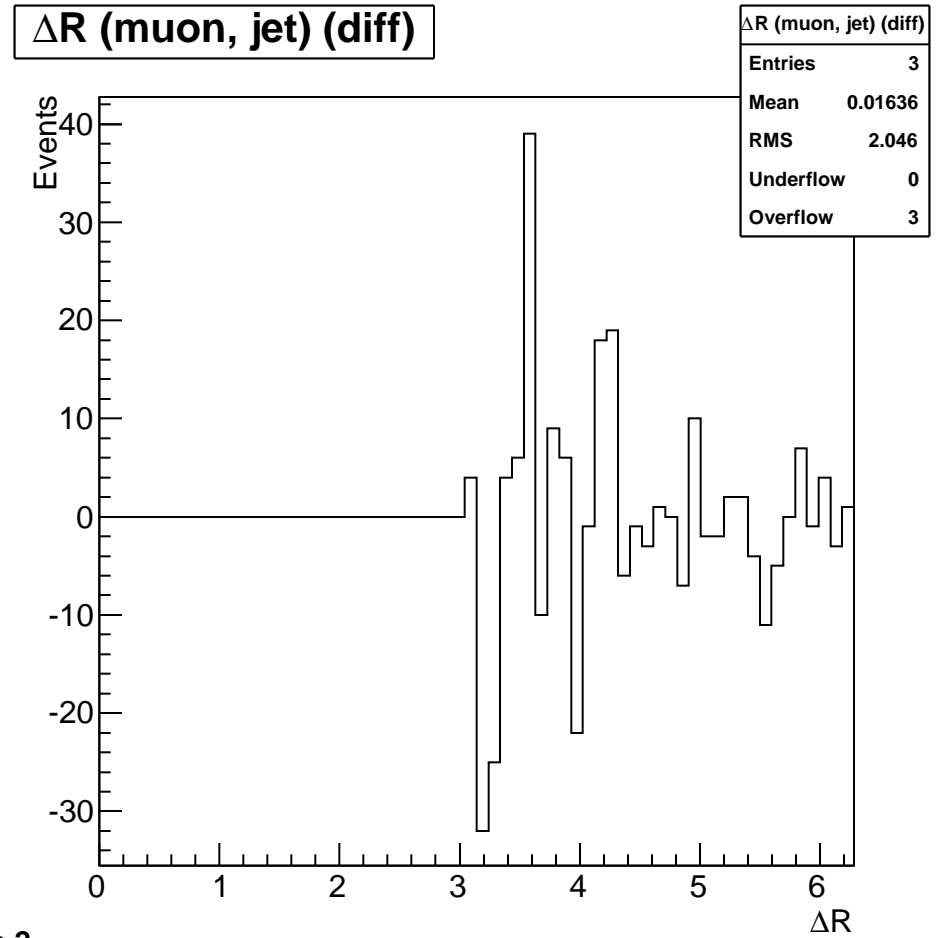
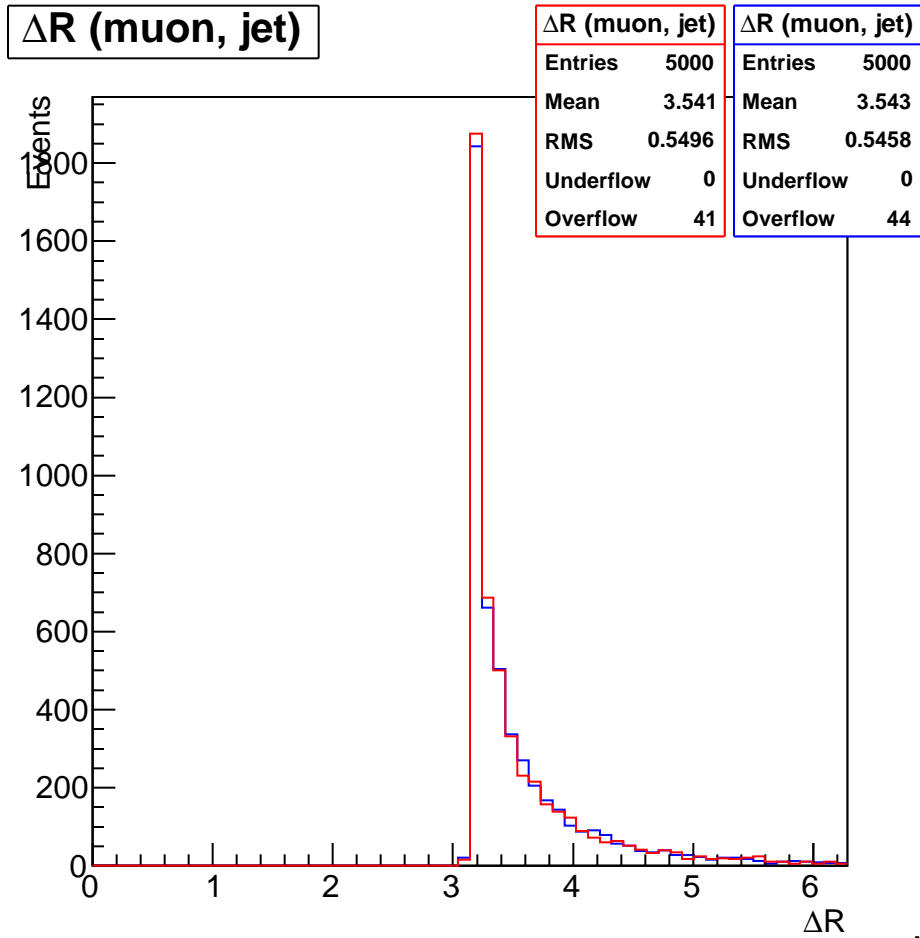


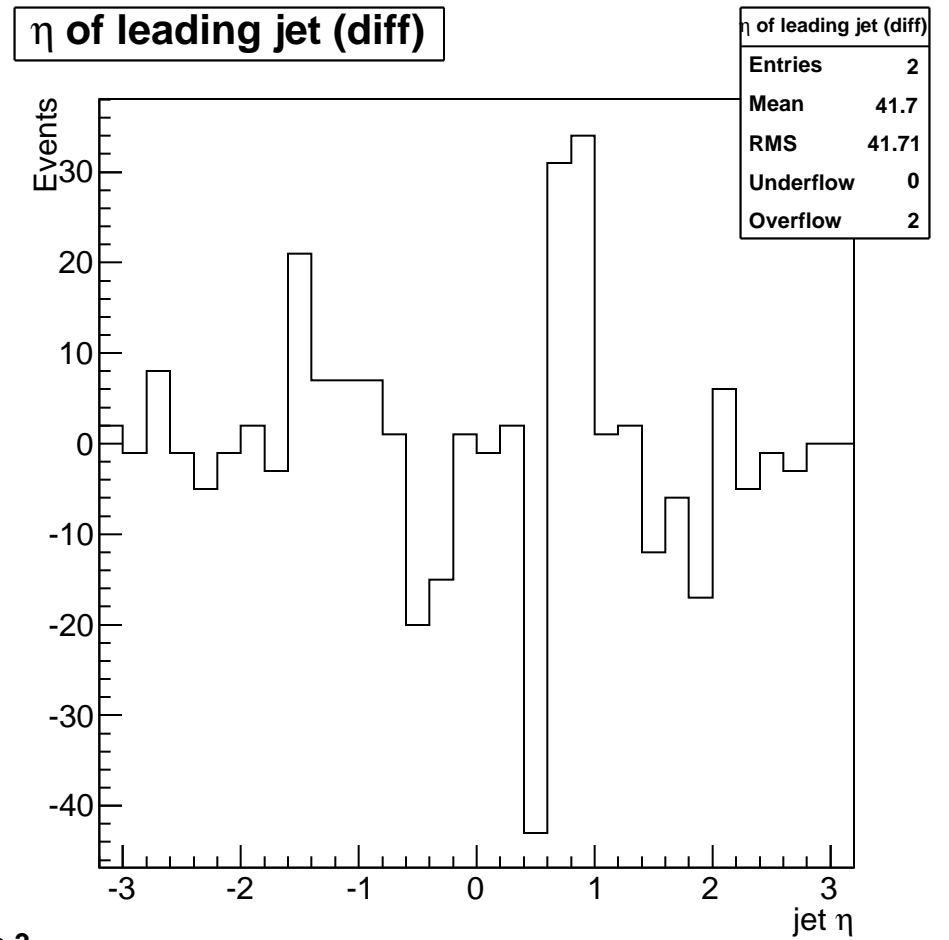
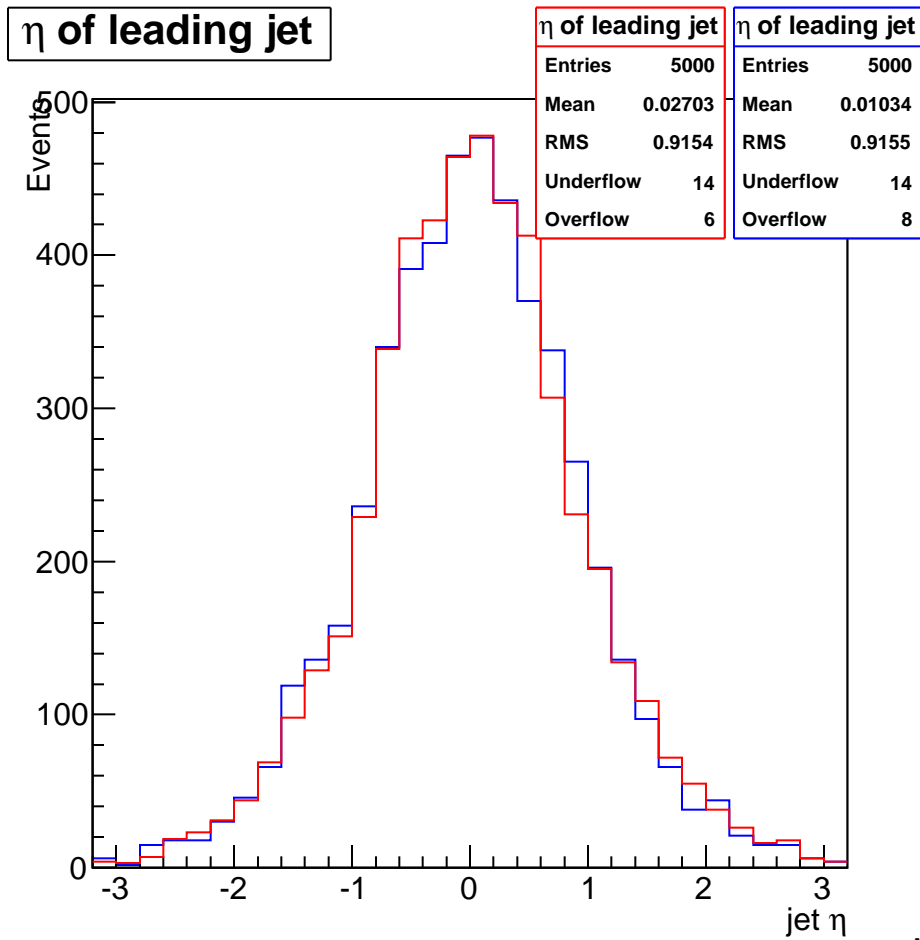
**Muon/#Delta#eta (muon, jet)**  
 BHmq\_Q4\_I0\_Mth2000\_MD1000\_ADD\_n10.mc12a.rel17.root  
 BHmq\_Q4\_I0\_Mth2000\_MD1000\_ADD\_n10.mc10b.rel\_16.root



**Muon/#DeltaR (muon, jet)**  
 BHmq\_Q4\_I0\_Mth2000\_MD1000\_ADD\_n10.mc12a.rel17.root  
 BHmq\_Q4\_I0\_Mth2000\_MD1000\_ADD\_n10.mc10b.rel\_16.root

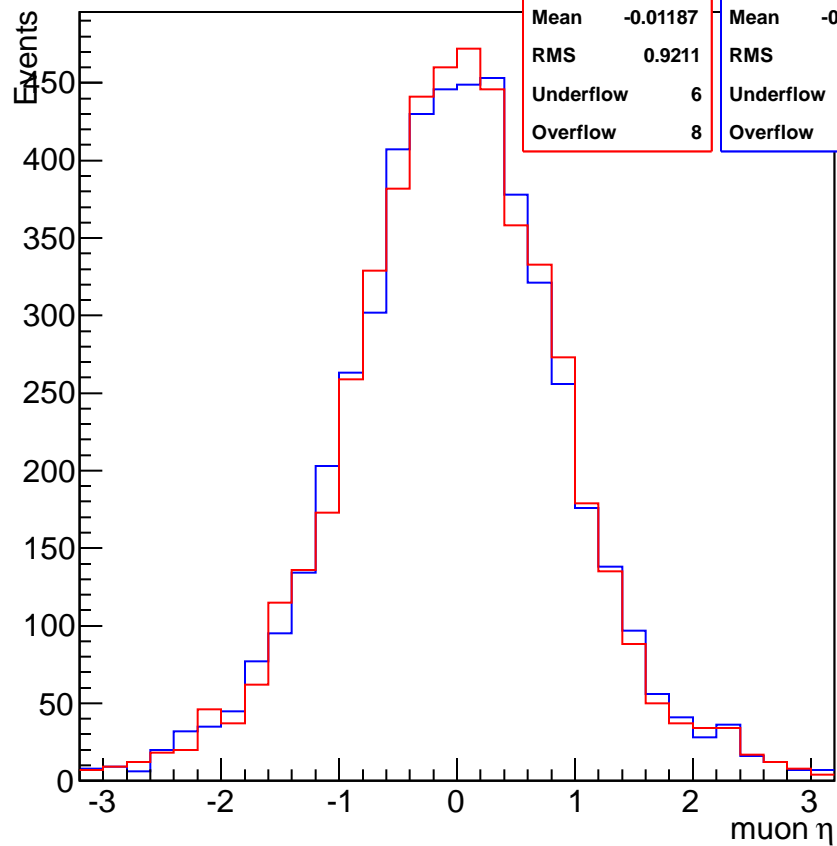


**Muon/#eta of leading jet**  
 BHmq\_Q4\_I0\_Mth2000\_MD1000\_ADD\_n10.mc12a.rel17.root  
 BHmq\_Q4\_I0\_Mth2000\_MD1000\_ADD\_n10.mc10b.rel\_16.root



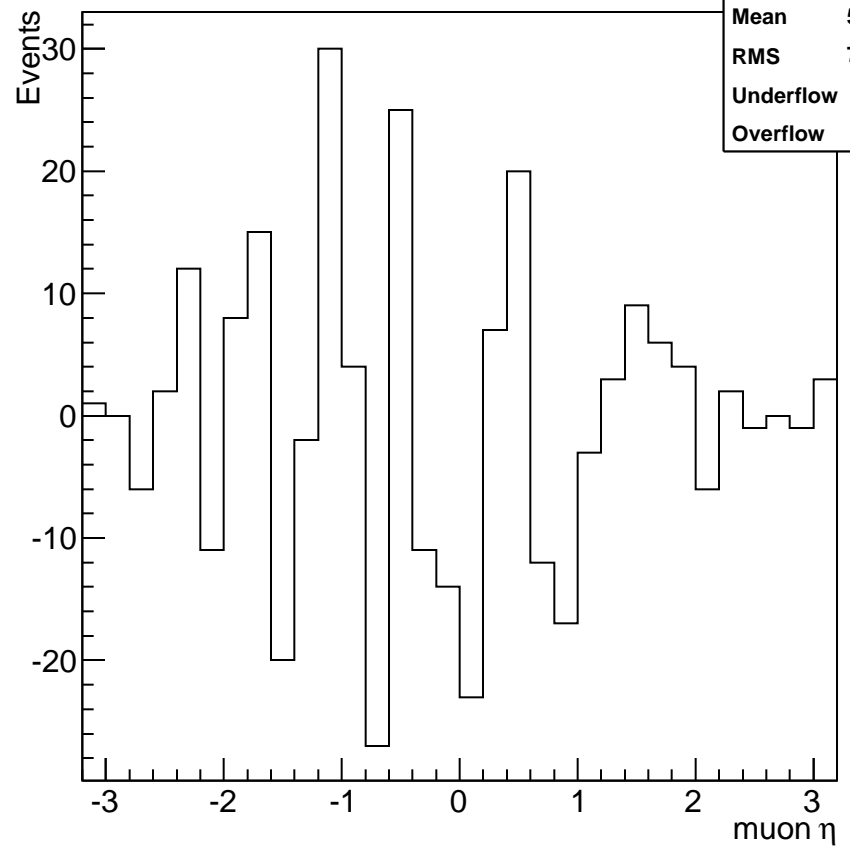
**Muon/#eta of leading muon**  
 BHmq\_Q4\_I0\_Mth2000\_MD1000\_ADD\_n10.mc12a.rel17.root  
 BHmq\_Q4\_I0\_Mth2000\_MD1000\_ADD\_n10.mc10b.rel\_16.root

$\eta$  of leading muon



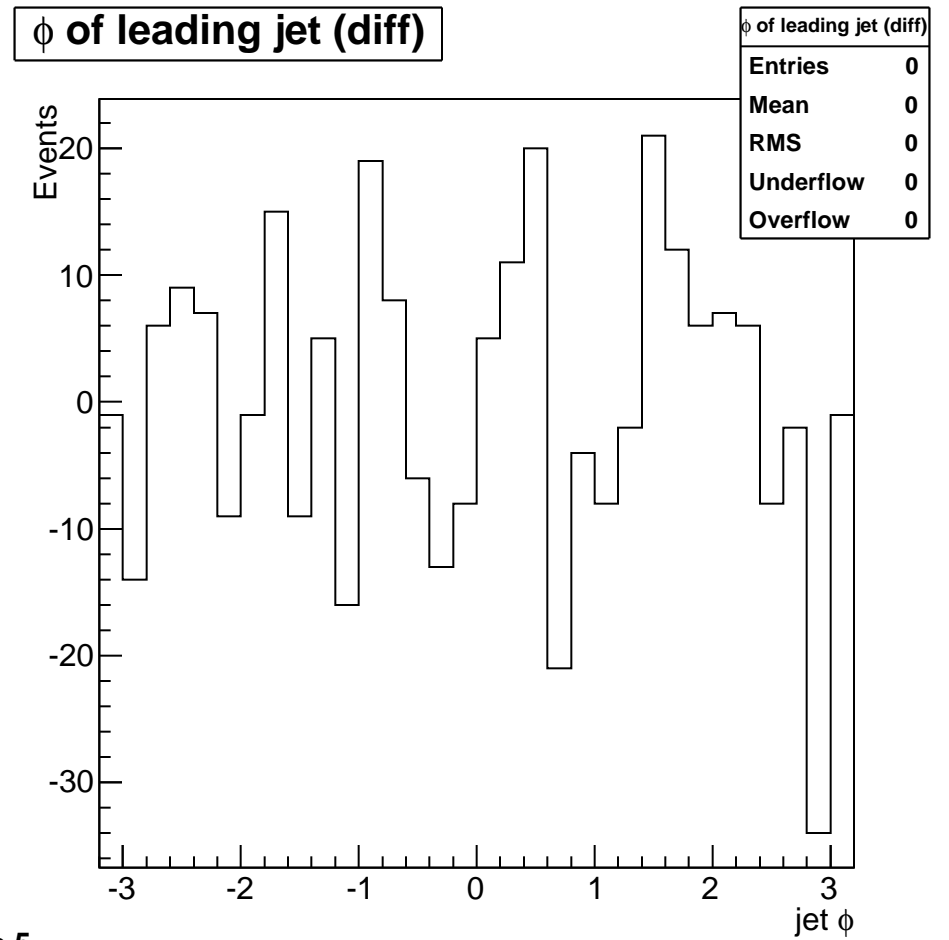
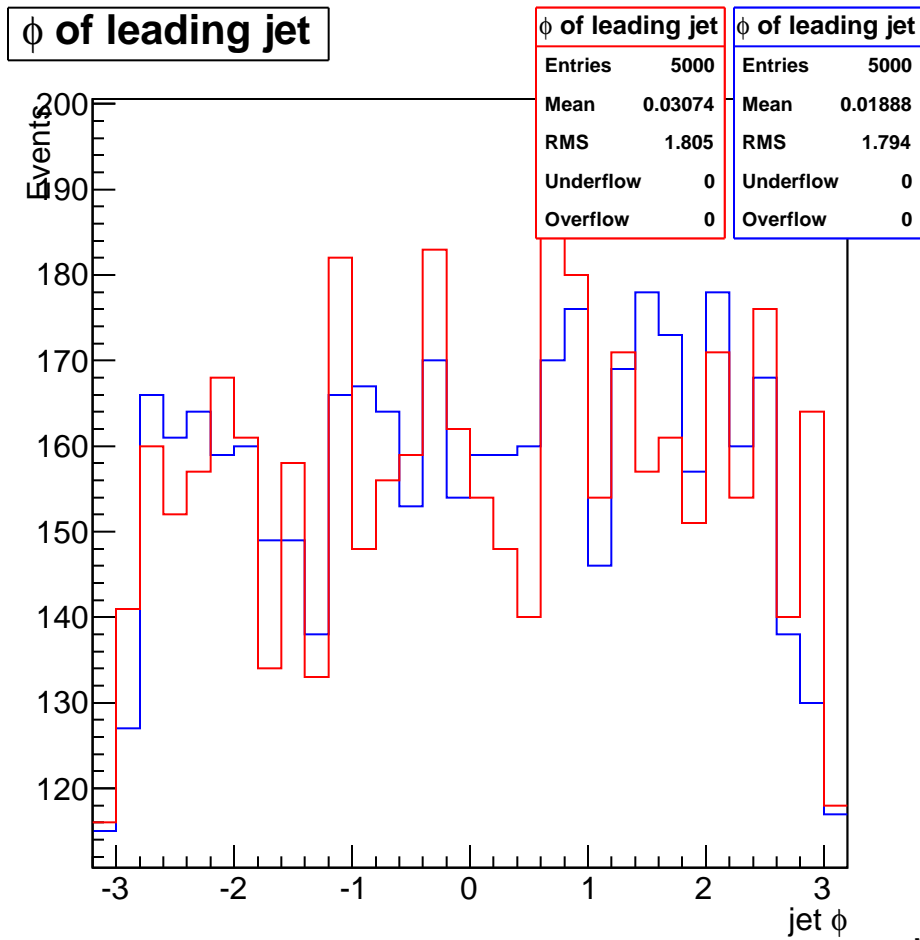
$\eta$ of leading muon		$\eta$ of leading muon	
Entries	5000	Entries	5000
Mean	-0.01187	Mean	-0.01429
RMS	0.9211	RMS	0.9315
Underflow	6	Underflow	9
Overflow	8	Overflow	8

$\eta$  of leading muon (diff)

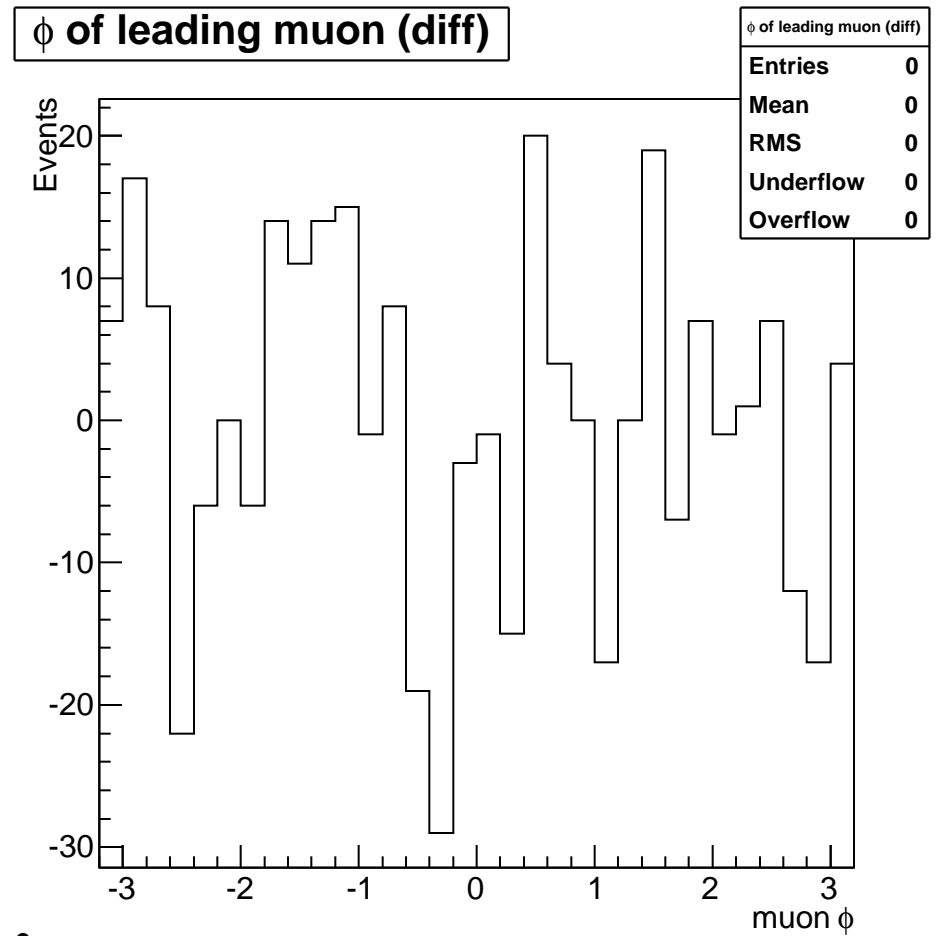
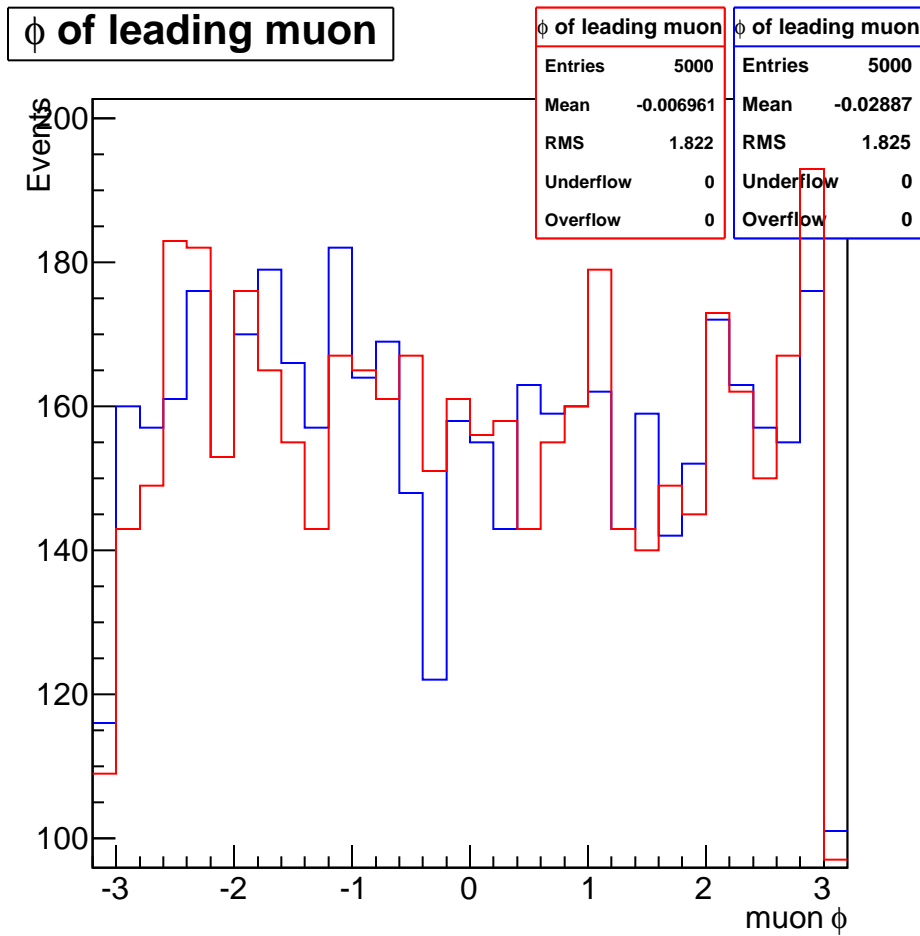


$\eta$ of leading muon (diff)	
Entries	3
Mean	5.367
RMS	7.584
Underflow	3
Overflow	0

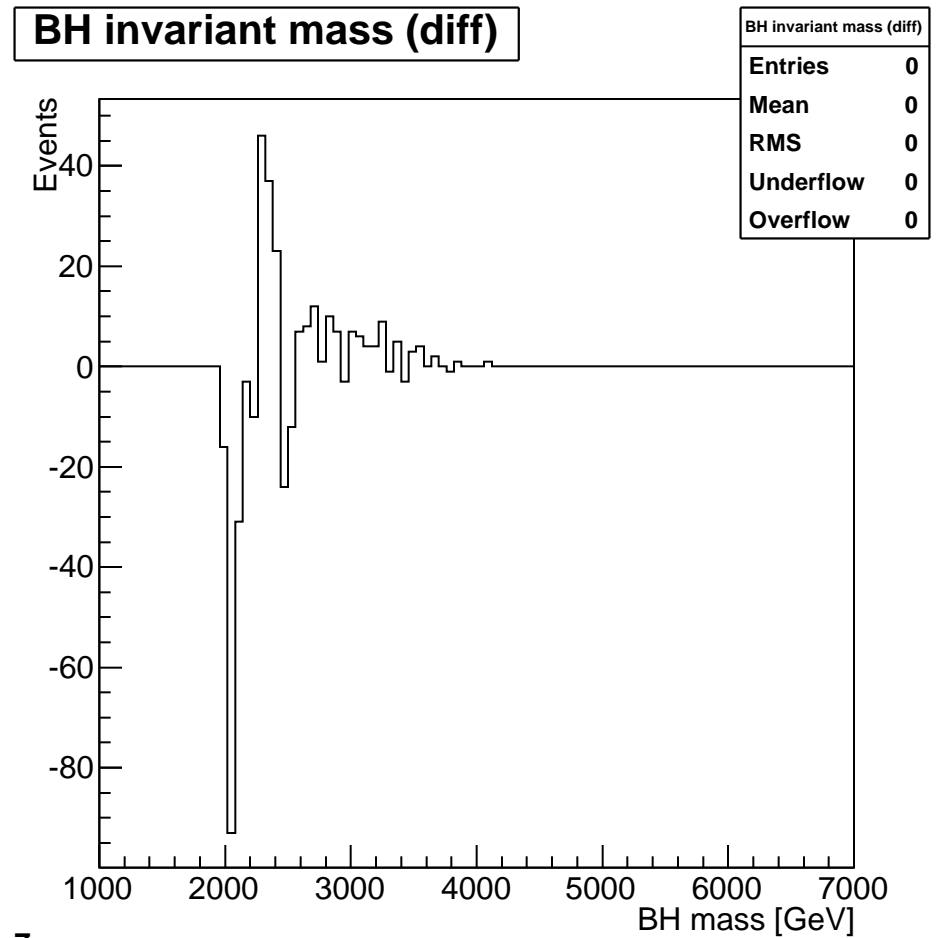
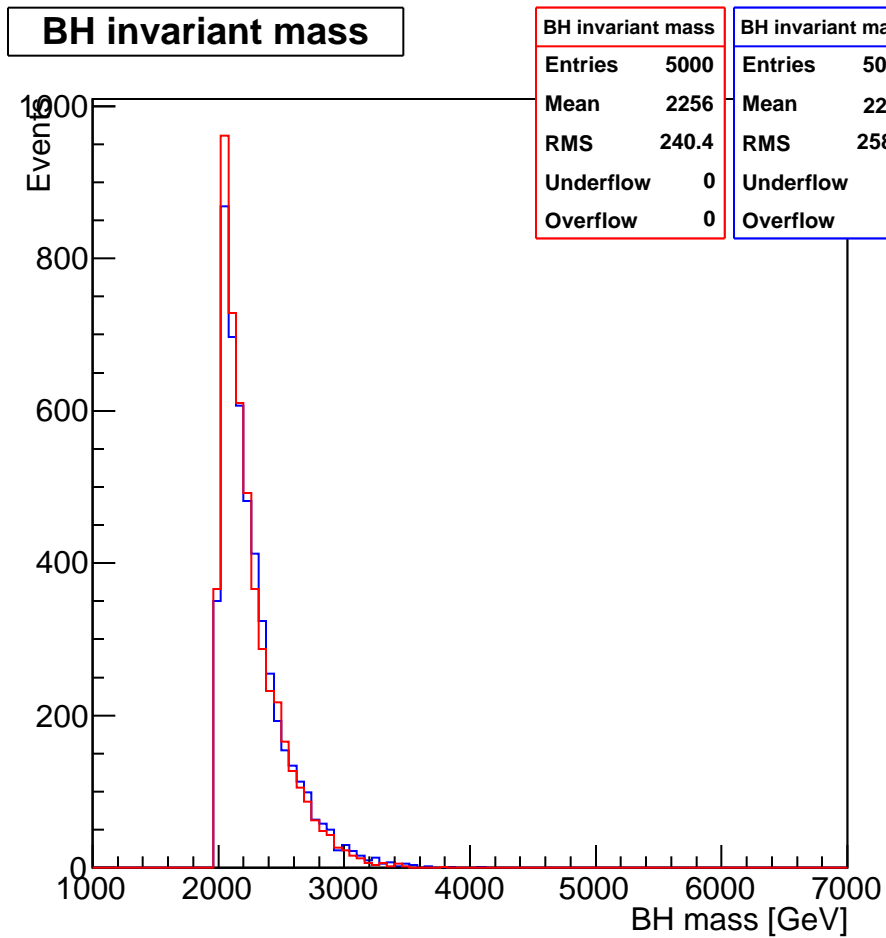
**Muon/#phi of leading jet**  
 BHmq\_Q4\_I0\_Mth2000\_MD1000\_ADD\_n10.mc12a.rel17.root  
 BHmq\_Q4\_I0\_Mth2000\_MD1000\_ADD\_n10.mc10b.rel\_16.root



**Muon/#phi of leading muon**  
 BHmq\_Q4\_I0\_Mth2000\_MD1000\_ADD\_n10.mc12a.rel17.root  
 BHmq\_Q4\_I0\_Mth2000\_MD1000\_ADD\_n10.mc10b.rel\_16.root

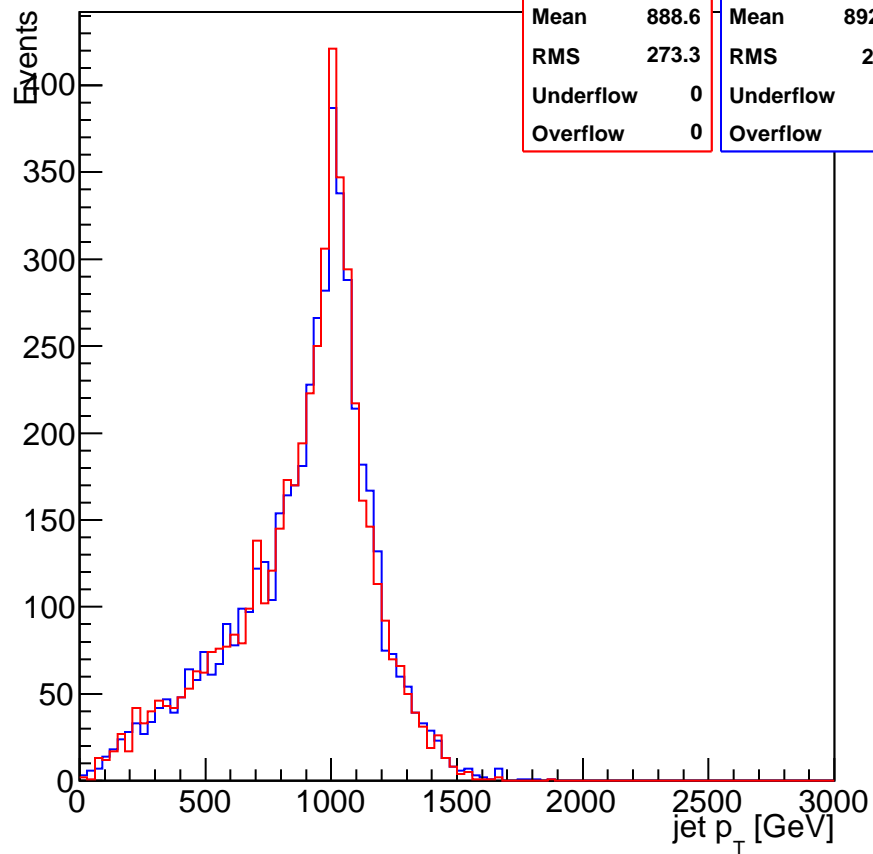


**Muon/BH invariant mass**  
 BHmq\_Q4\_I0\_Mth2000\_MD1000\_ADD\_n10.mc12a.rel17.root  
 BHmq\_Q4\_I0\_Mth2000\_MD1000\_ADD\_n10.mc10b.rel\_16.root



**Muon/Leading jet p<sub>T</sub>**  
 BHmq\_Q4\_I0\_Mth2000\_MD1000\_ADD\_n10.mc12a.rel17.root  
 BHmq\_Q4\_I0\_Mth2000\_MD1000\_ADD\_n10.mc10b.rel\_16.root

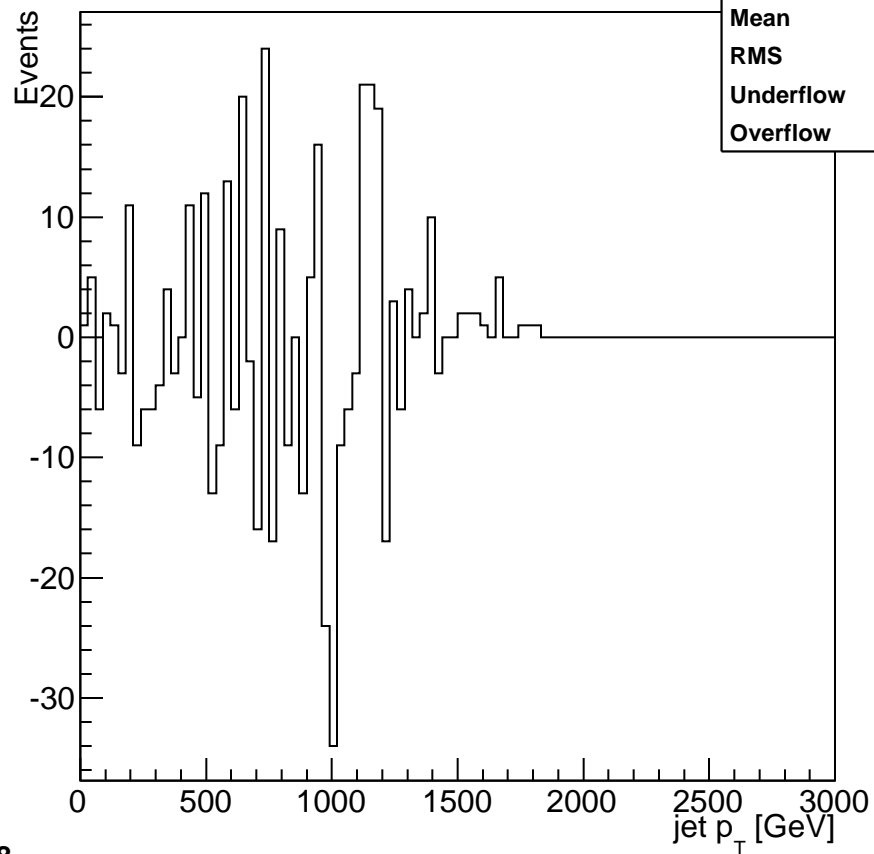
**Leading jet p<sub>T</sub>**



Leading jet p <sub>T</sub>	
Entries	5000
Mean	888.6
RMS	273.3
Underflow	0
Overflow	0

Leading jet p <sub>T</sub>	
Entries	5000
Mean	892.5
RMS	277
Underflow	0
Overflow	0

**Leading jet p<sub>T</sub> (diff)**

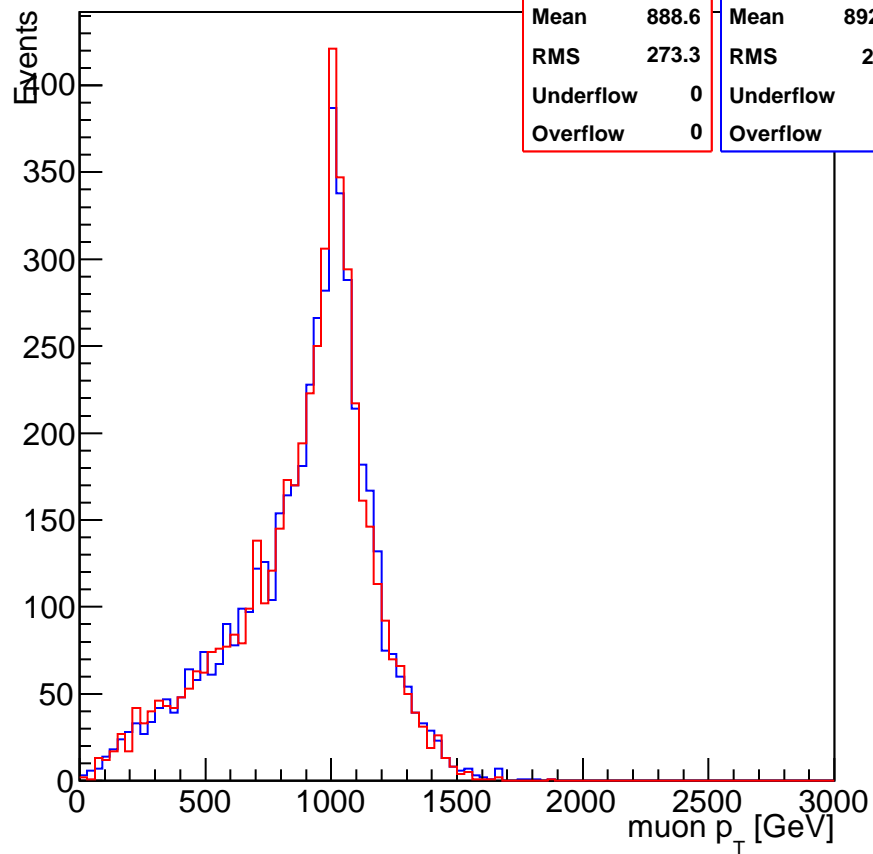


Leading jet p <sub>T</sub> (diff)	
Entries	0
Mean	0
RMS	0
Underflow	0
Overflow	0



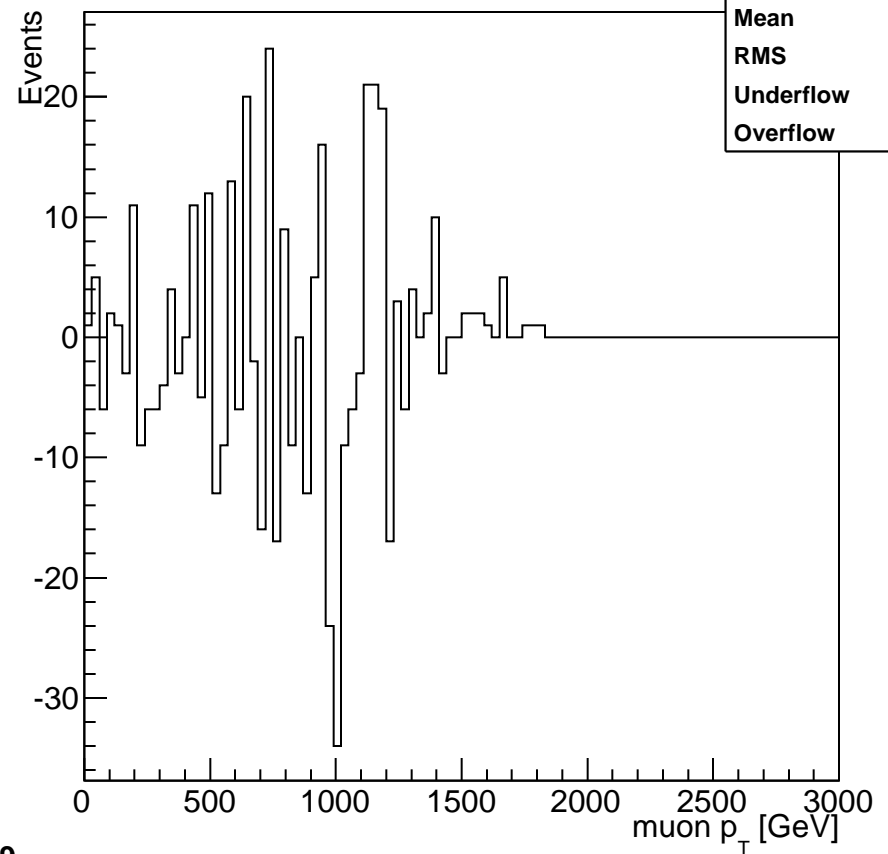
**Muon/Leading muon  $p_T$**   
 BHmq\_Q4\_I0\_Mth2000\_MD1000\_ADD\_n10.mc12a.rel17.root  
 BHmq\_Q4\_I0\_Mth2000\_MD1000\_ADD\_n10.mc10b.rel\_16.root

**Leading muon  $p_T$**



Leading muon $p_T$		Leading muon $p_T$	
Entries	5000	Entries	5000
Mean	888.6	Mean	892.5
RMS	273.3	RMS	277
Underflow	0	Underflow	0
Overflow	0	Overflow	0

**Leading muon  $p_T$  (diff)**



Leading muon $p_T$ (diff)	
Entries	0
Mean	0
RMS	0
Underflow	0
Overflow	0

**Muon/pdgid of BH decay particles**  
 BHmq\_Q4\_I0\_Mth2000\_MD1000\_ADD\_n10.mc12a.rel17.root  
 BHmq\_Q4\_I0\_Mth2000\_MD1000\_ADD\_n10.mc10b.rel\_16.root

