

entries

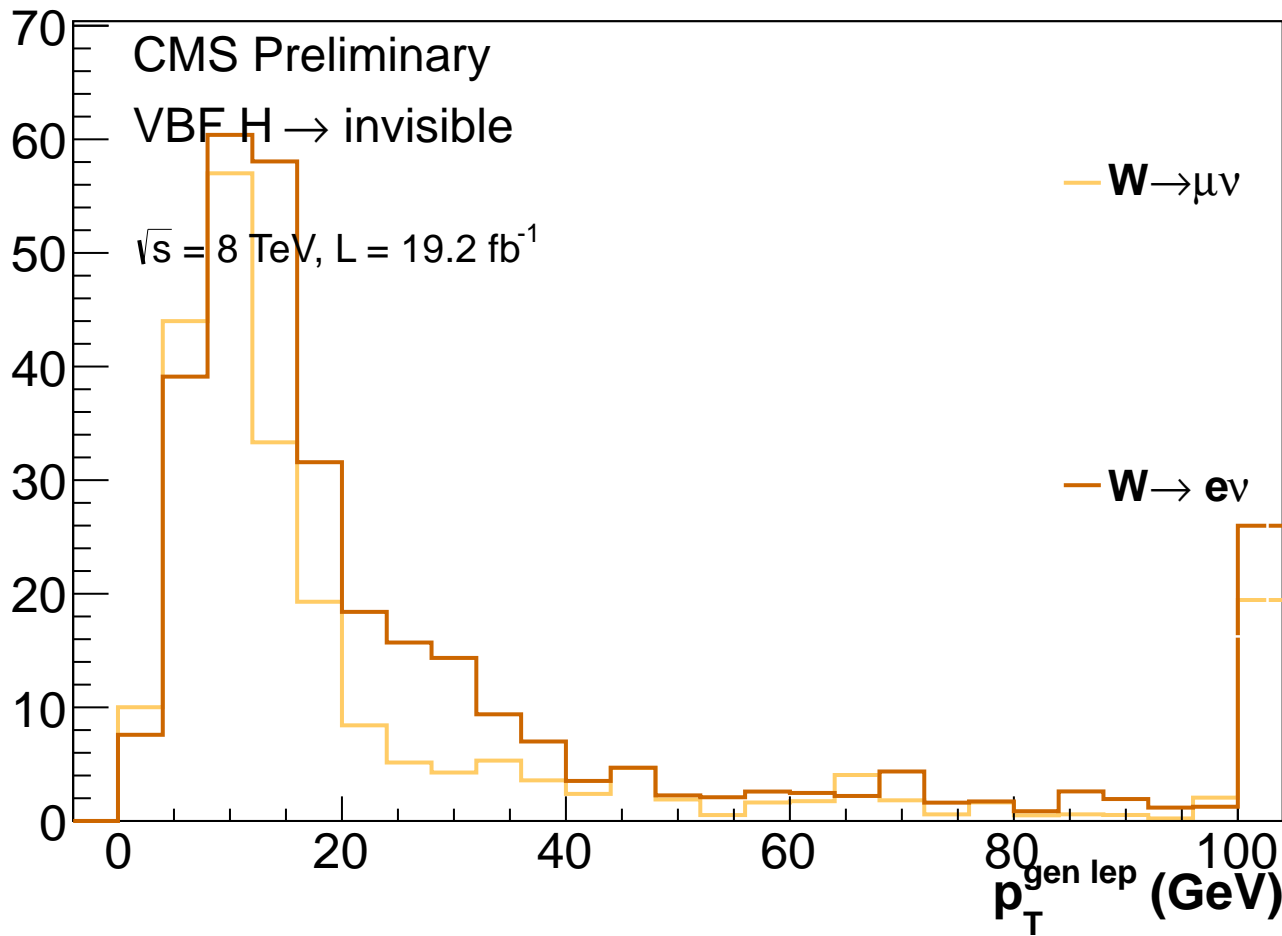
CMS Preliminary

VBF $H \rightarrow \text{invisible}$

$\sqrt{s} = 8 \text{ TeV}, L = 19.2 \text{ fb}^{-1}$

$W \rightarrow \mu\nu$

$W \rightarrow e\nu$



entries

CMS Preliminary

VBF $H \rightarrow$ invisible

$\sqrt{s} = 8$ TeV, $L = 19.2$ fb $^{-1}$

$W \rightarrow \mu\nu$

$W \rightarrow e\nu$

45
40
35
30
25
20
15
10
5
0

-4

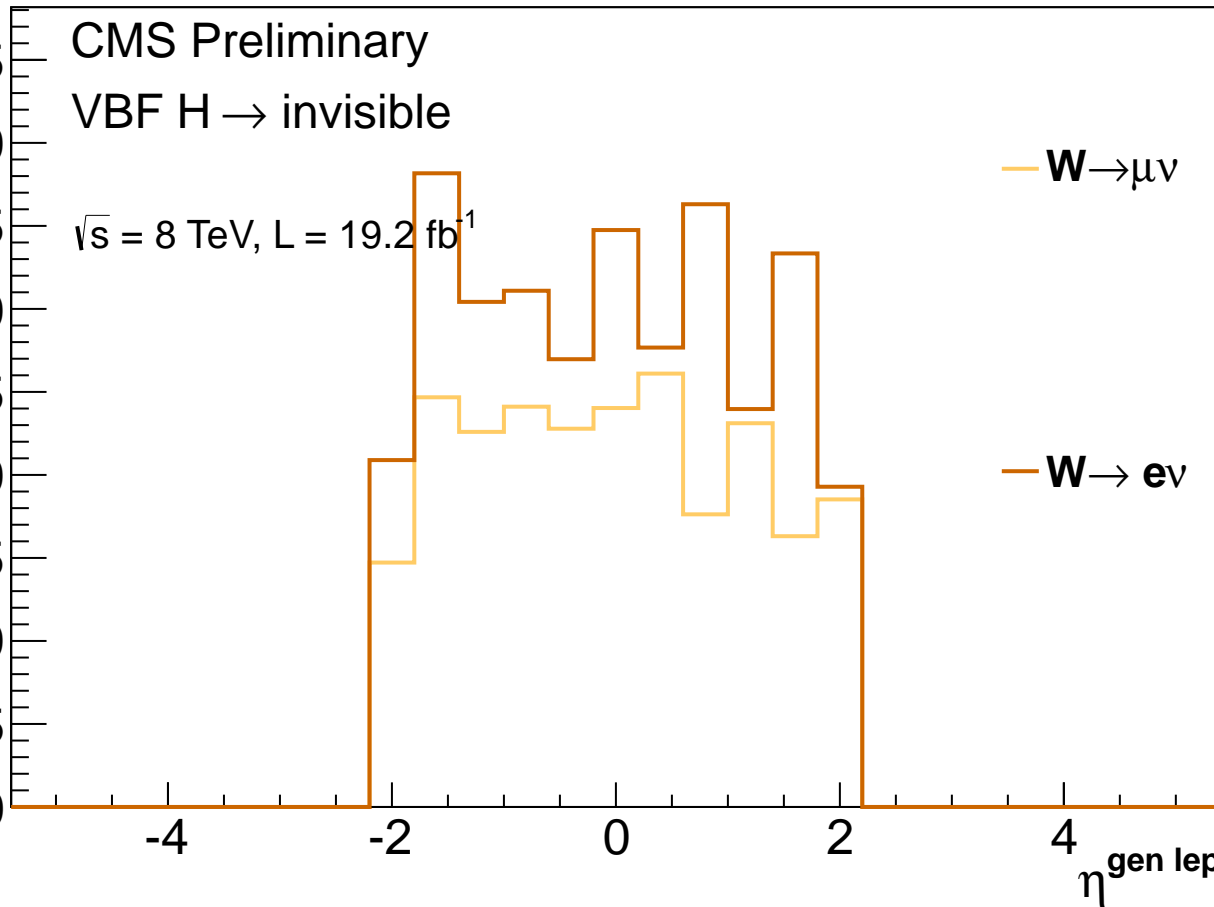
-2

0

2

4

$\eta^{\text{gen lep}}$



entries

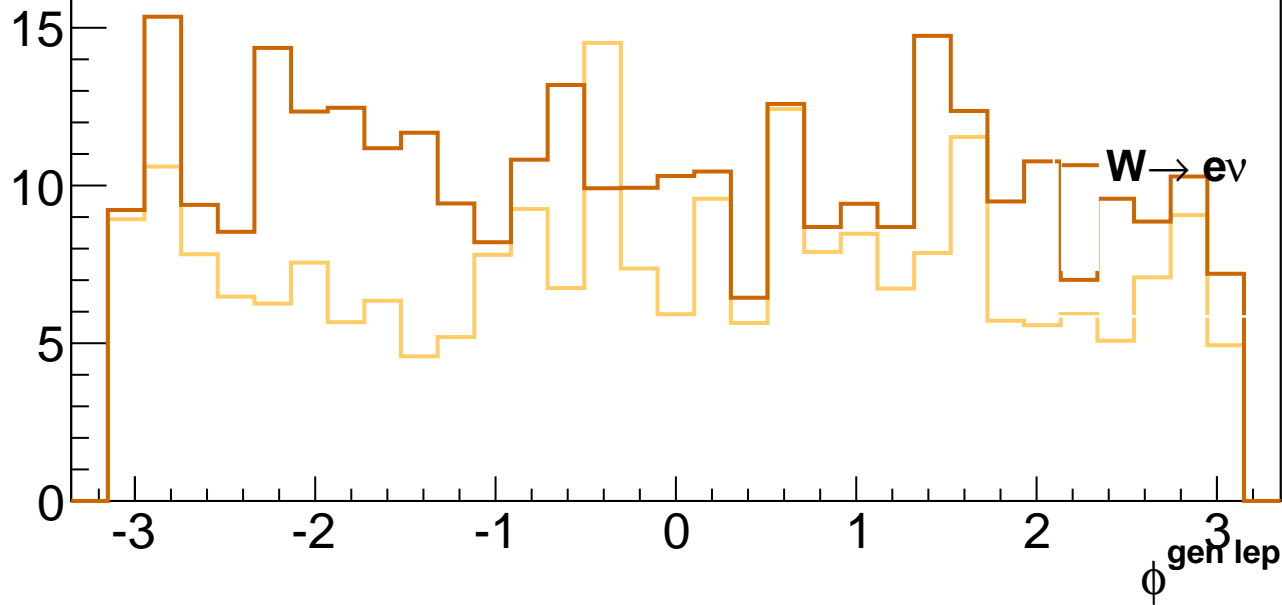
CMS Preliminary

VBF $H \rightarrow \text{invisible}$

$\sqrt{s} = 8 \text{ TeV}, L = 19.2 \text{ fb}^{-1}$

$W \rightarrow \mu\nu$

$W \rightarrow e\nu$



entries

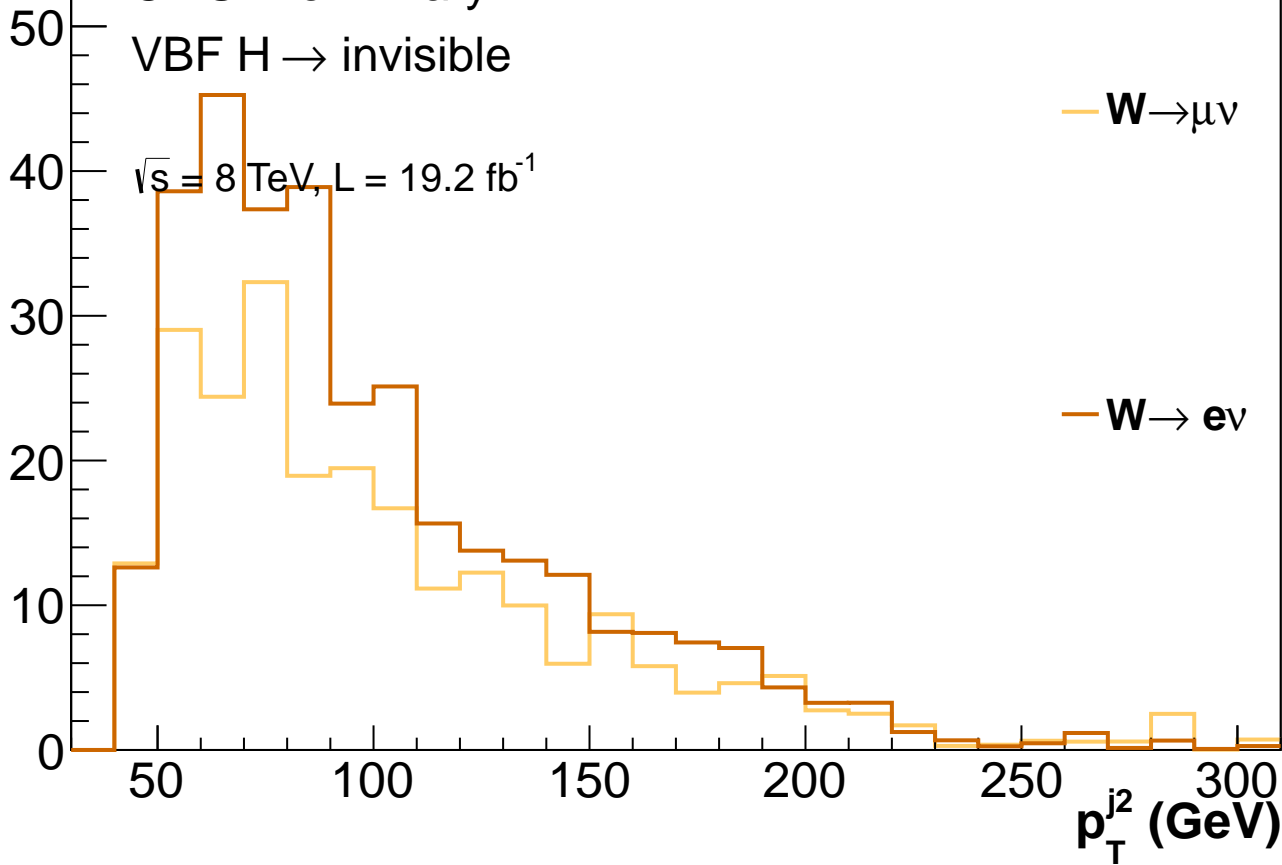
CMS Preliminary

VBF $H \rightarrow \text{invisible}$

$\sqrt{s} = 8 \text{ TeV}, L = 19.2 \text{ fb}^{-1}$

$W \rightarrow \mu\nu$

$W \rightarrow e\nu$



entries

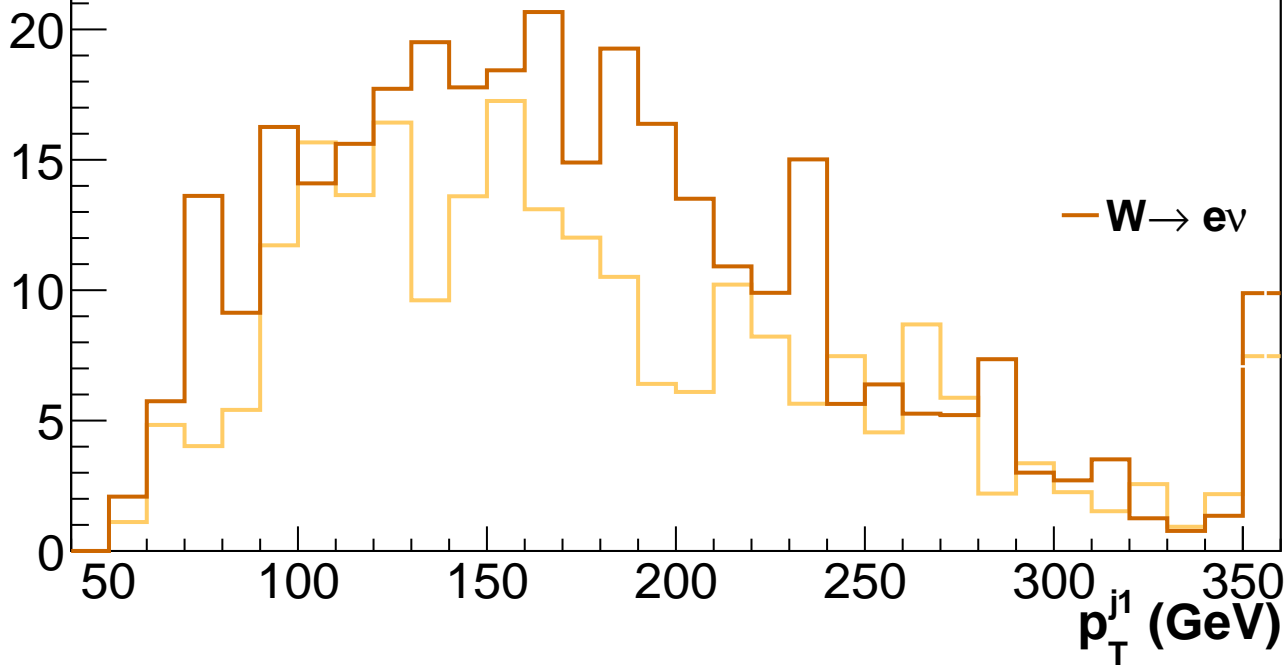
CMS Preliminary

VBF $H \rightarrow \text{invisible}$

$\sqrt{s} = 8 \text{ TeV}$, $L = 19.2 \text{ fb}^{-1}$

$W \rightarrow \mu\nu$

$W \rightarrow e\nu$



entries

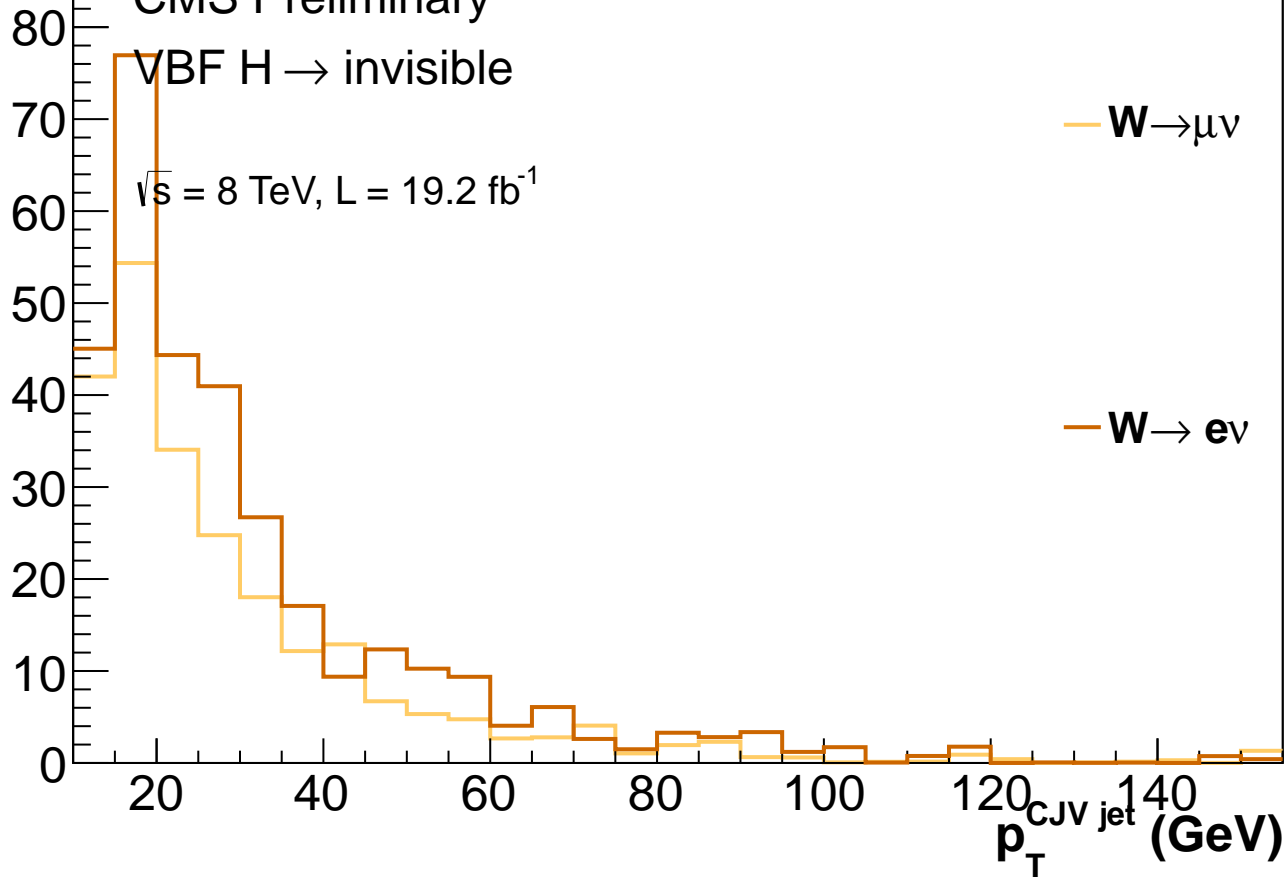
CMS Preliminary

VBF $H \rightarrow \text{invisible}$

$\sqrt{s} = 8 \text{ TeV}, L = 19.2 \text{ fb}^{-1}$

$W \rightarrow \mu\nu$

$W \rightarrow e\nu$



entries

CMS Preliminary

VBF H \rightarrow invisible

$\sqrt{s} = 8$ TeV, $L = 19.2$ fb $^{-1}$

$W \rightarrow \mu\nu$

$W \rightarrow e\nu$

60

50

40

30

20

10

0

100

150

200

250

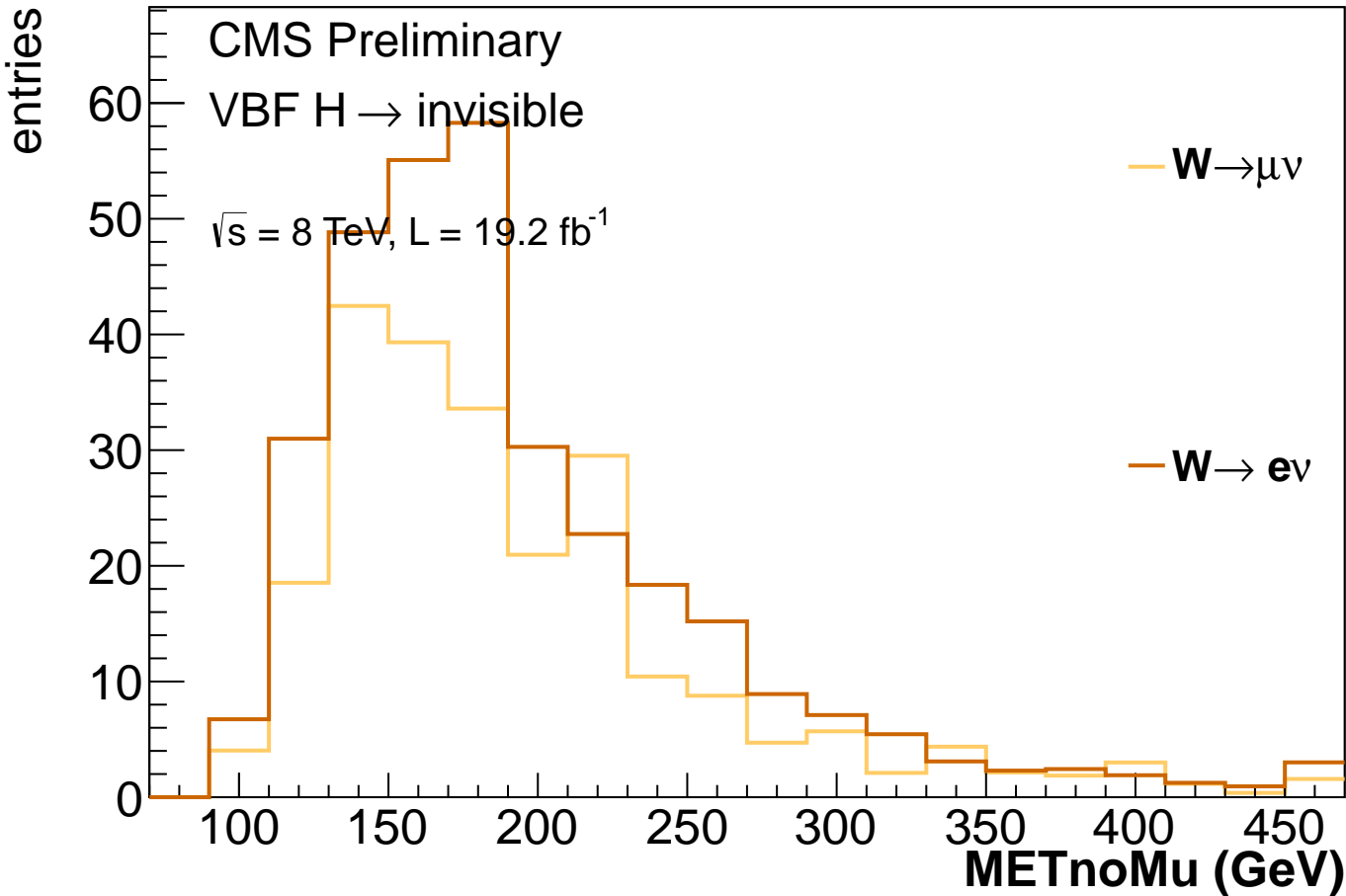
300

350

400

450

METnoMu (GeV)



entries

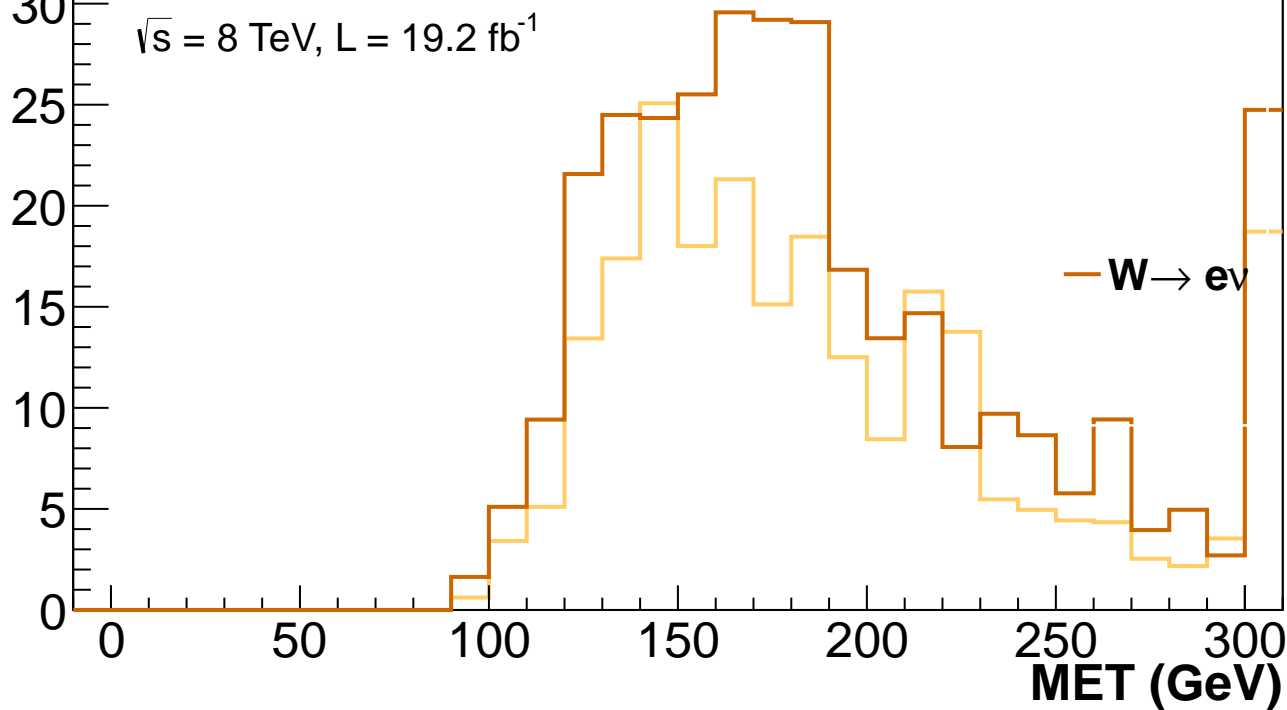
CMS Preliminary

VBF $H \rightarrow \text{invisible}$

$\sqrt{s} = 8 \text{ TeV}$, $L = 19.2 \text{ fb}^{-1}$

$W \rightarrow \mu\nu$

$W \rightarrow e\nu$

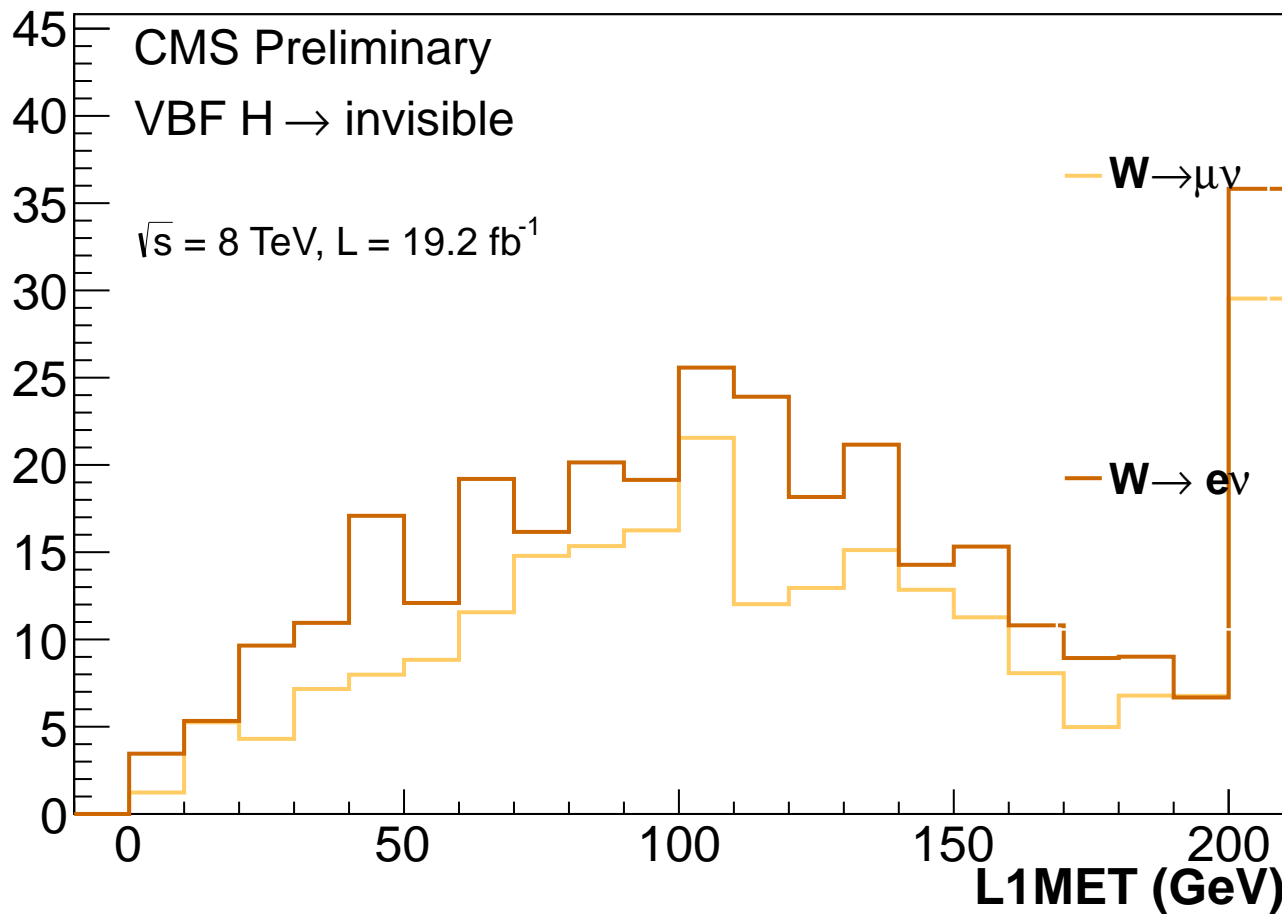


entries

CMS Preliminary

VBF $H \rightarrow \text{invisible}$

$\sqrt{s} = 8 \text{ TeV}$, $L = 19.2 \text{ fb}^{-1}$



entries

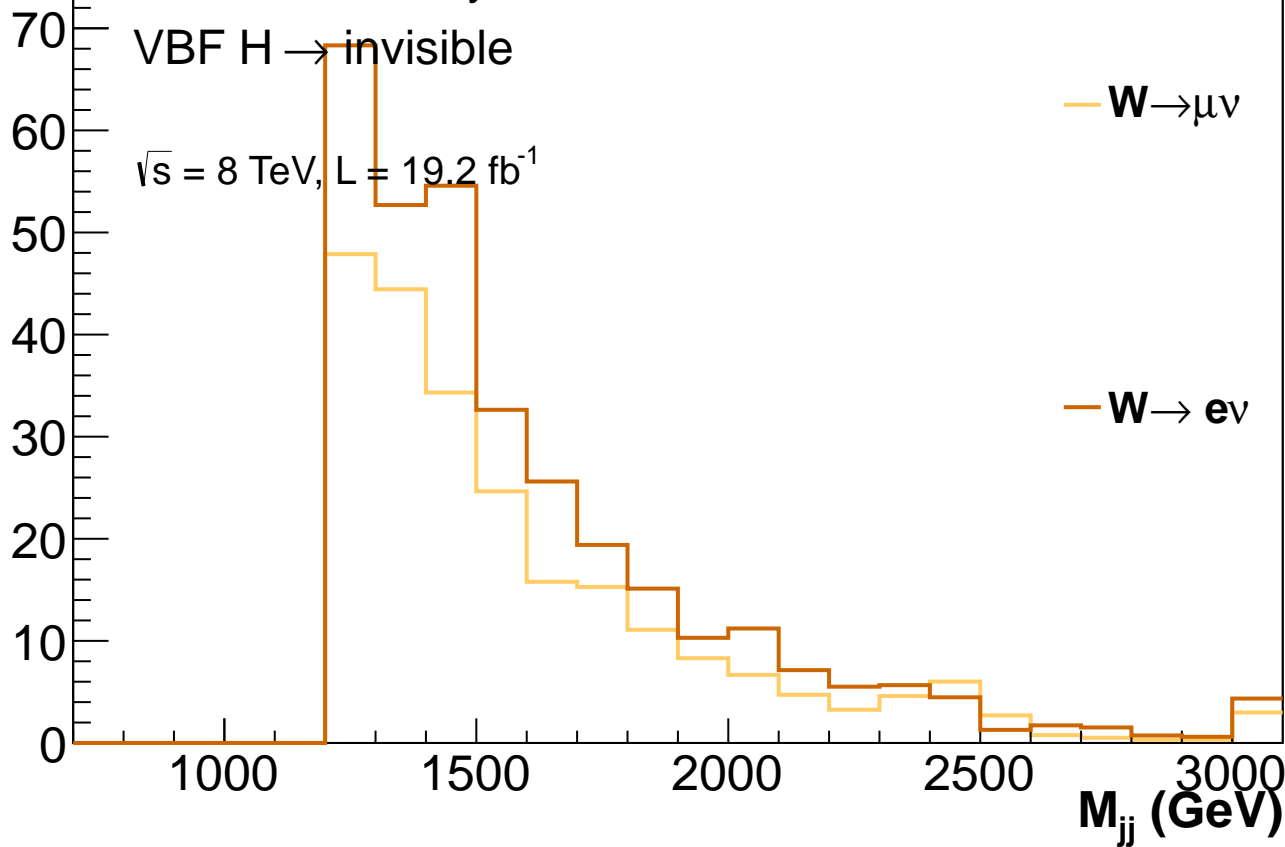
CMS Preliminary

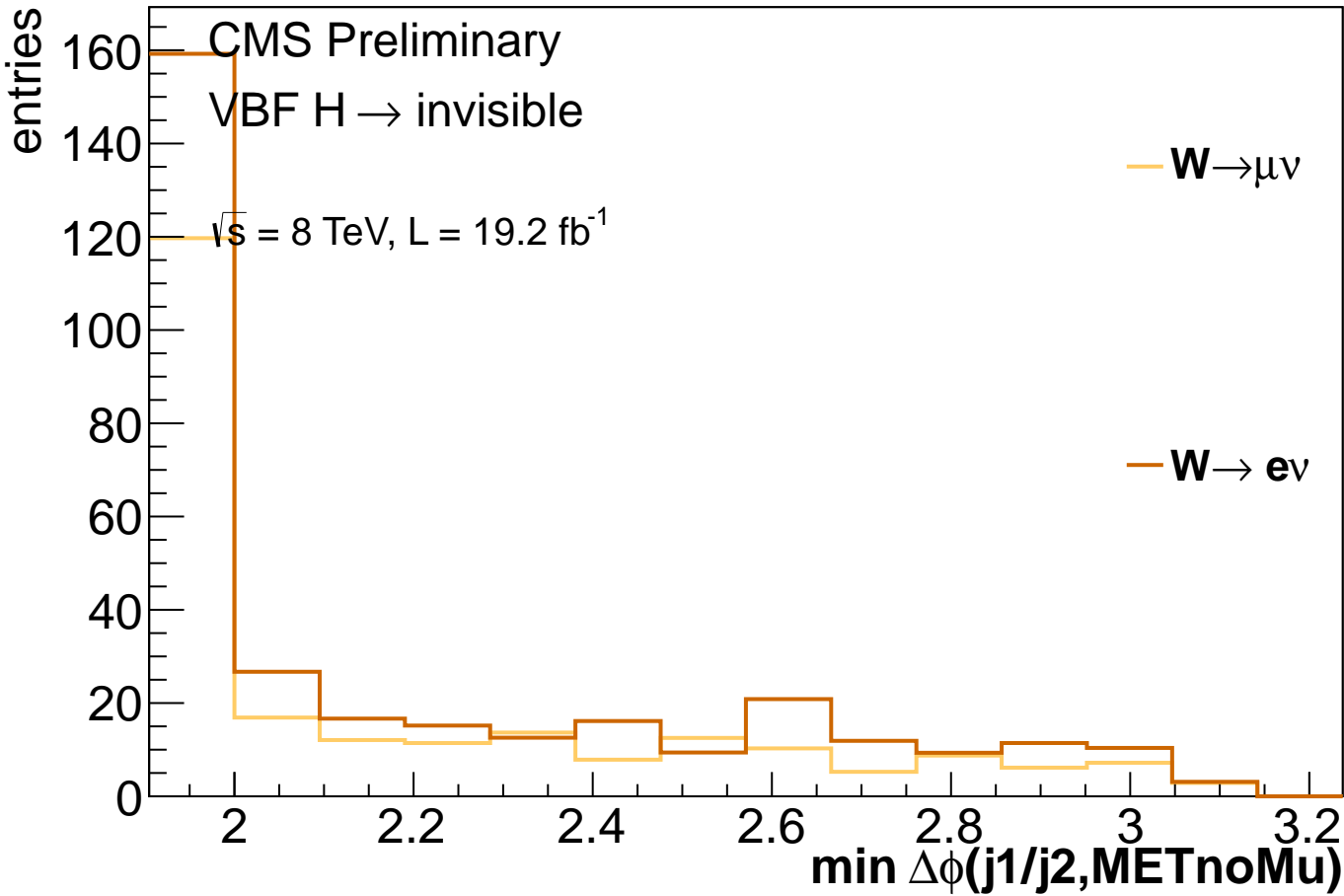
VBF H \rightarrow invisible

$\sqrt{s} = 8$ TeV, $L = 19.2$ fb $^{-1}$

$W \rightarrow \mu\nu$

$W \rightarrow e\nu$





entries

CMS Preliminary

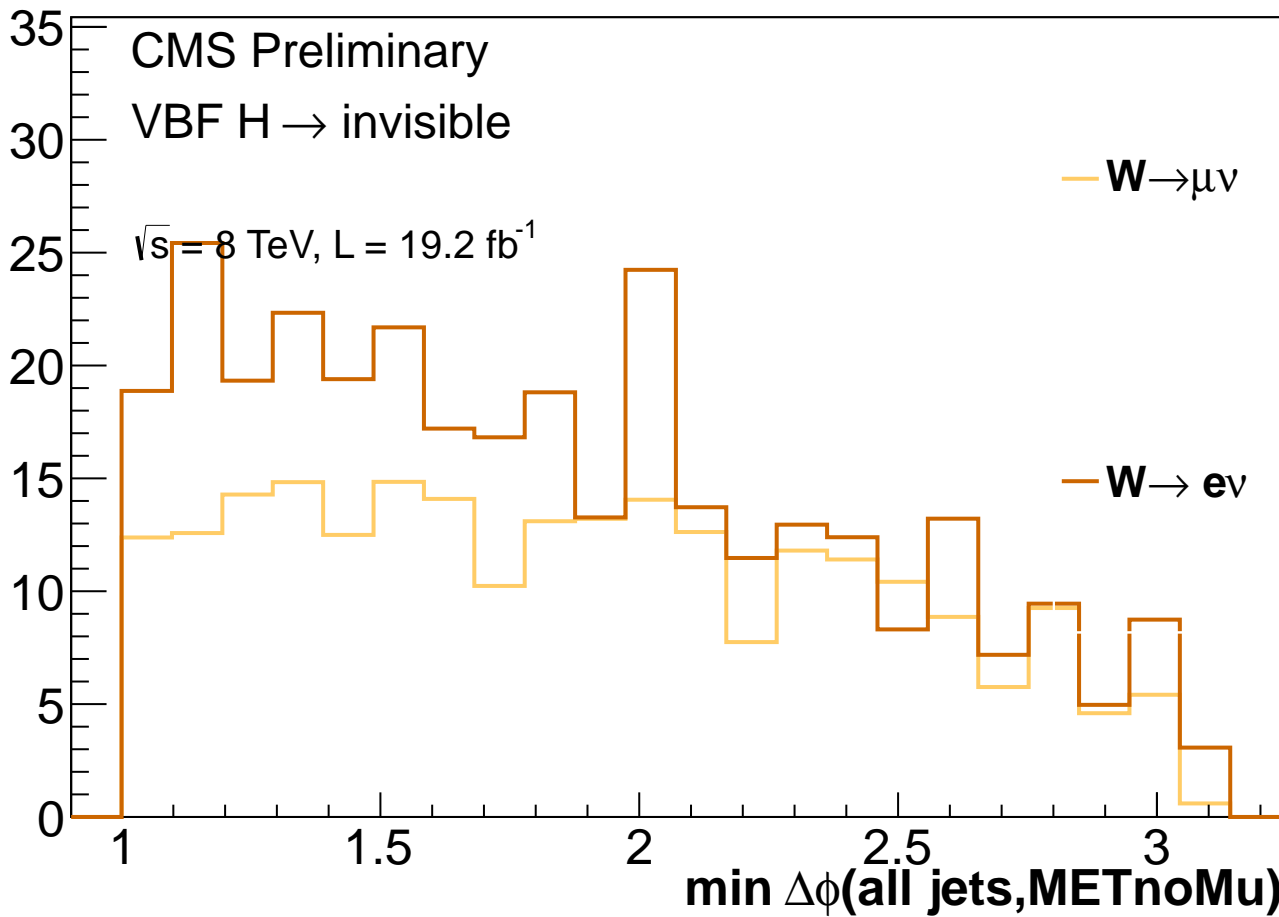
VBF H \rightarrow invisible

$\sqrt{s} = 8$ TeV, $L = 19.2$ fb $^{-1}$

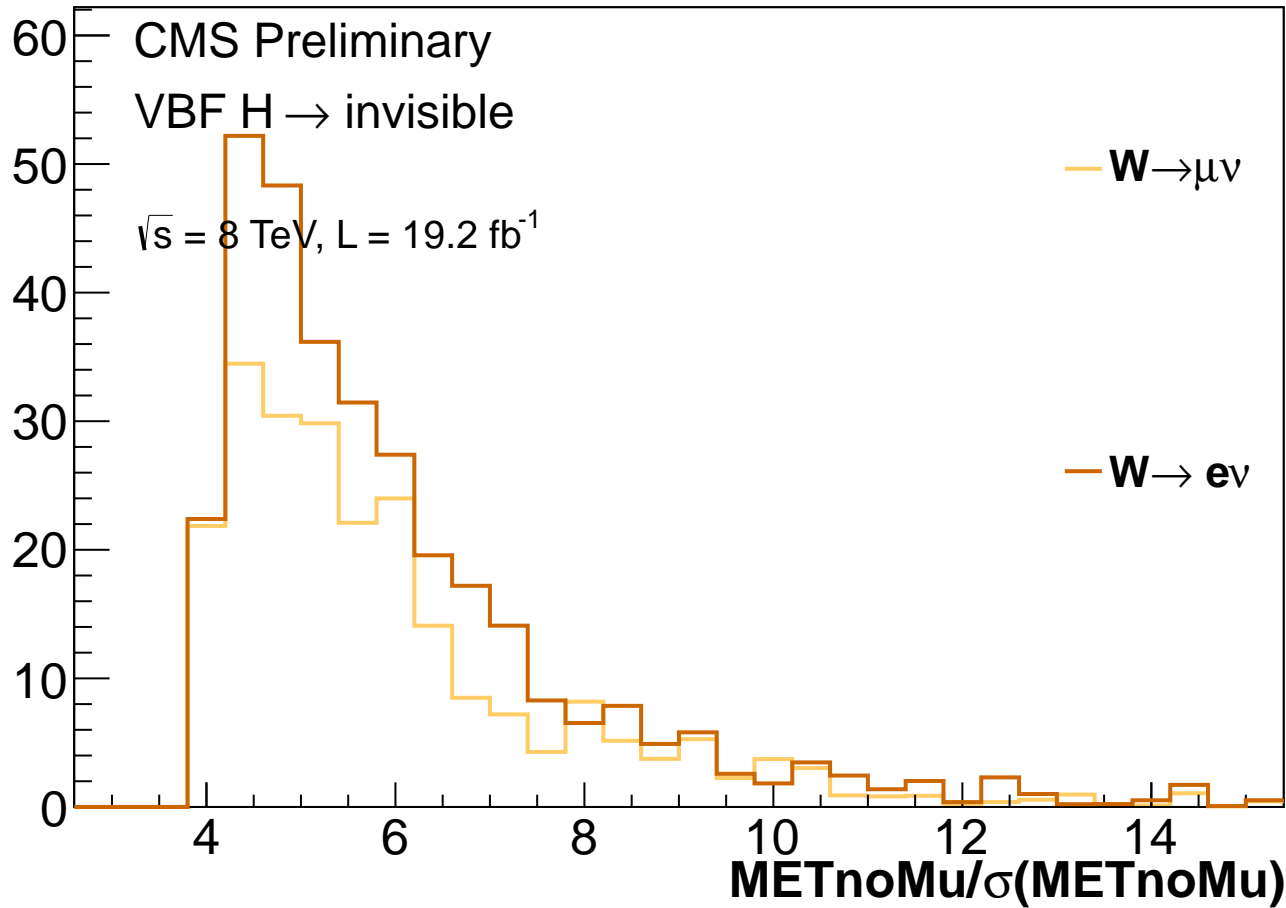
$W \rightarrow \mu\nu$

$W \rightarrow e\nu$

$\min \Delta\phi(\text{all jets, METnoMu})$



entries



entries

CMS Preliminary

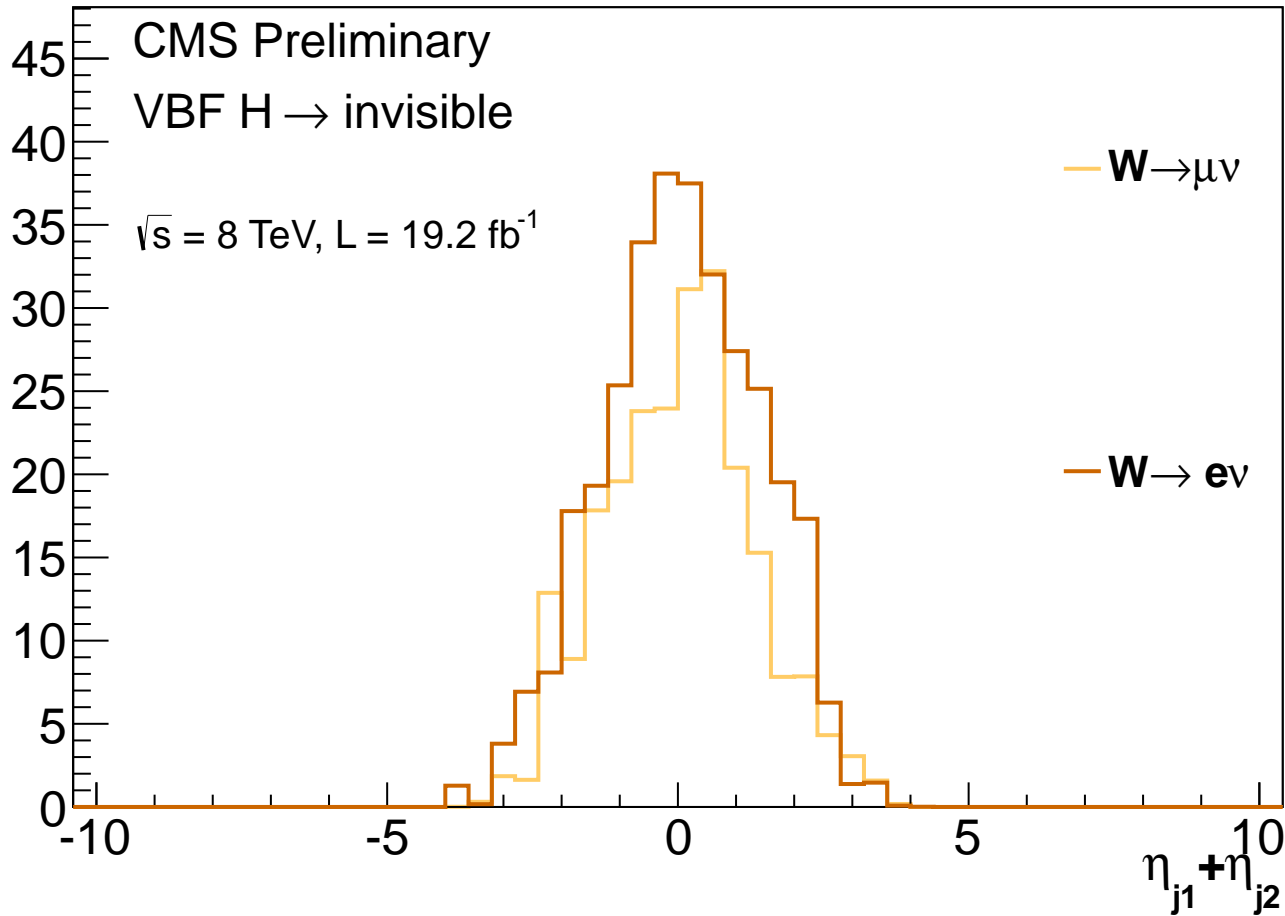
VBF $H \rightarrow$ invisible

$\sqrt{s} = 8 \text{ TeV}$, $L = 19.2 \text{ fb}^{-1}$

$W \rightarrow \mu\nu$

$W \rightarrow e\nu$

$\eta_{j1} + \eta_{j2}$



entries

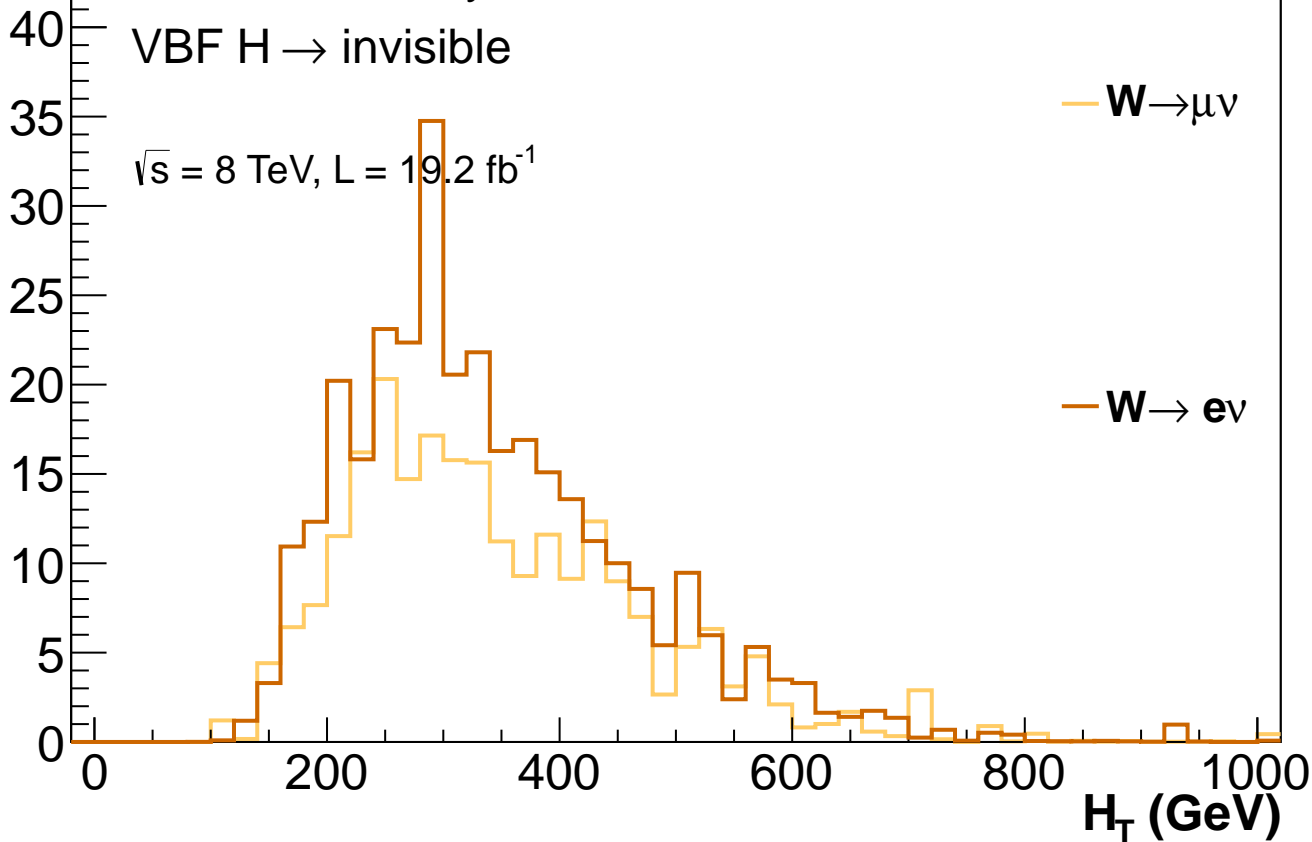
CMS Preliminary

VBF $H \rightarrow \text{invisible}$

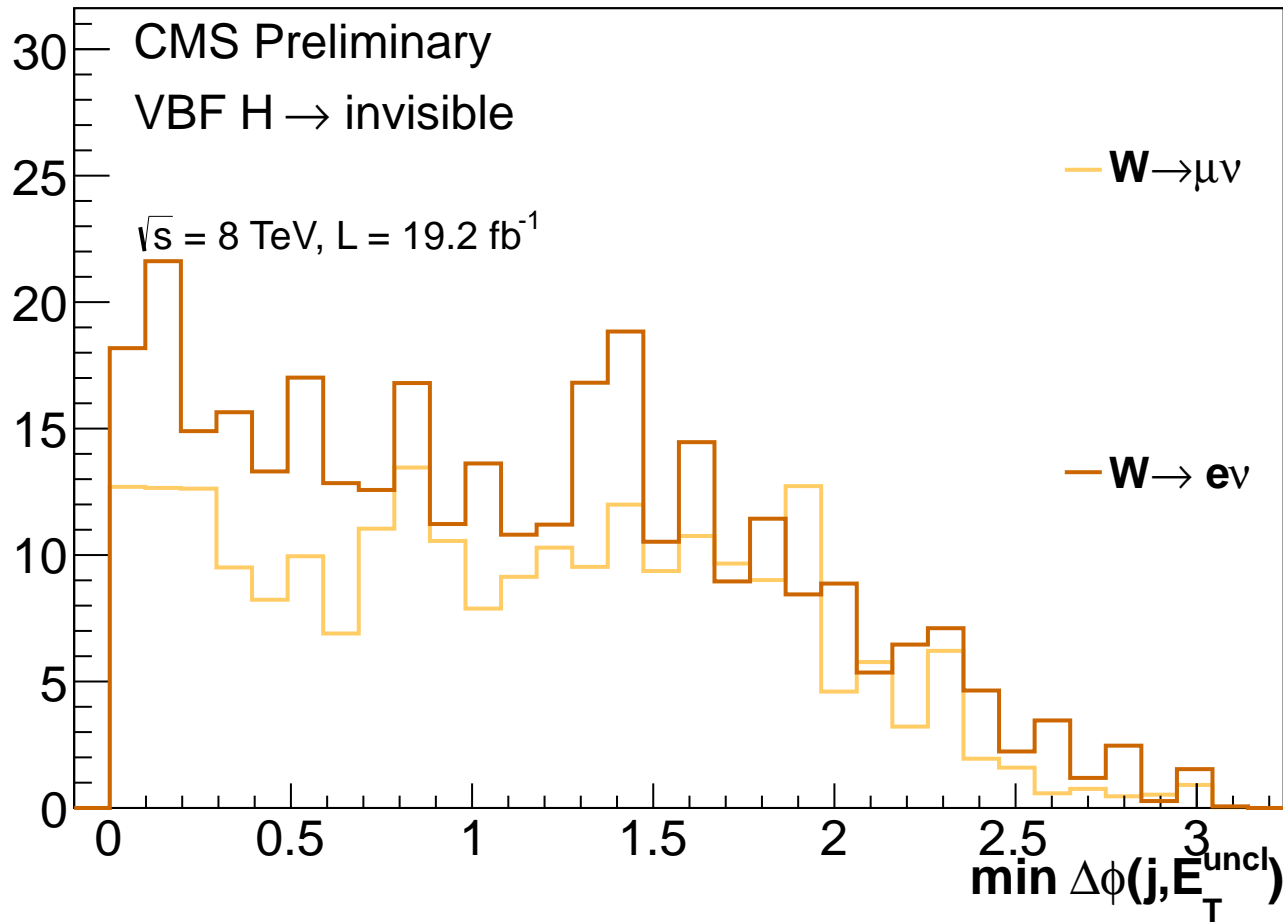
$\sqrt{s} = 8 \text{ TeV}$, $L = 19.2 \text{ fb}^{-1}$

$W \rightarrow \mu\nu$

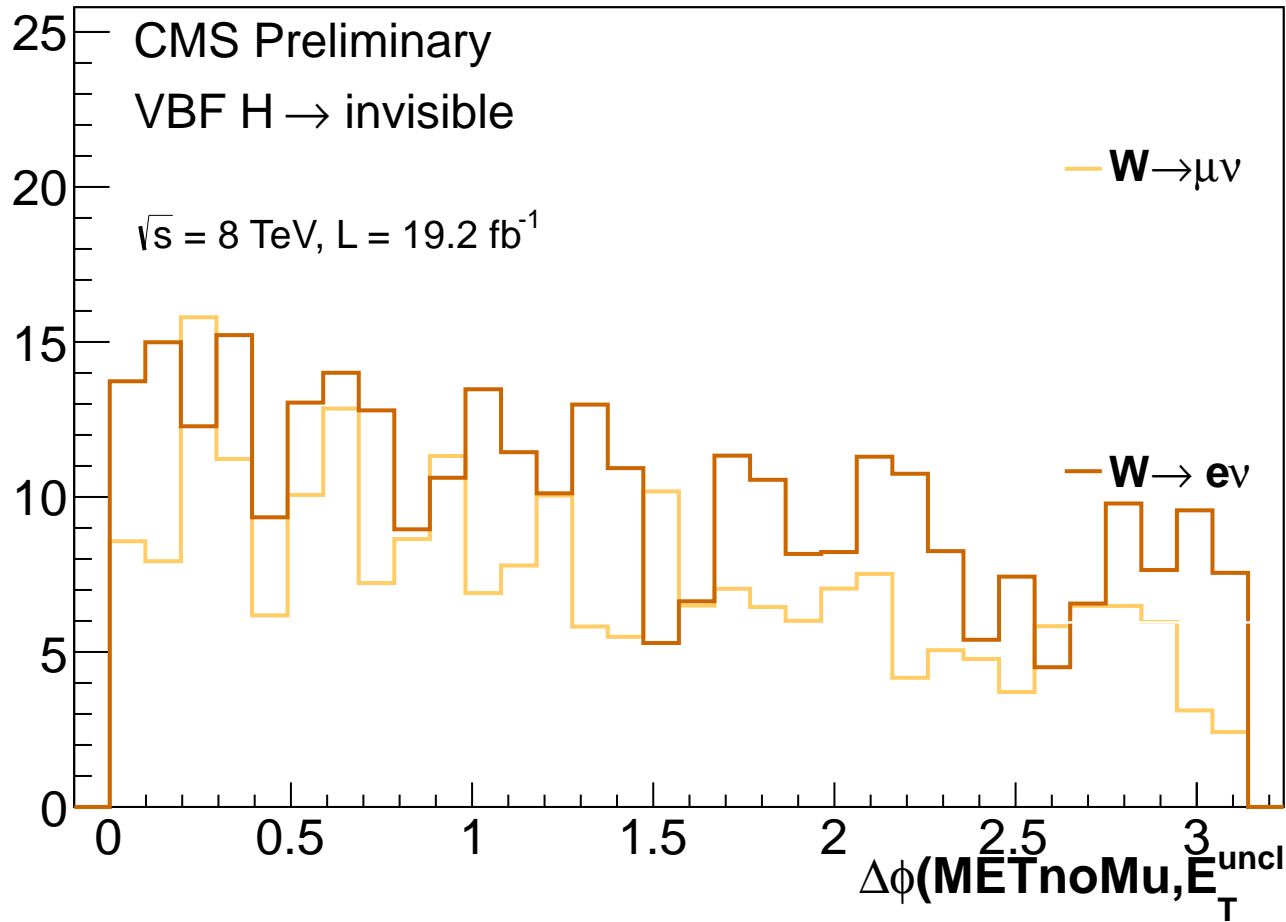
$W \rightarrow e\nu$



entries



entries



entries

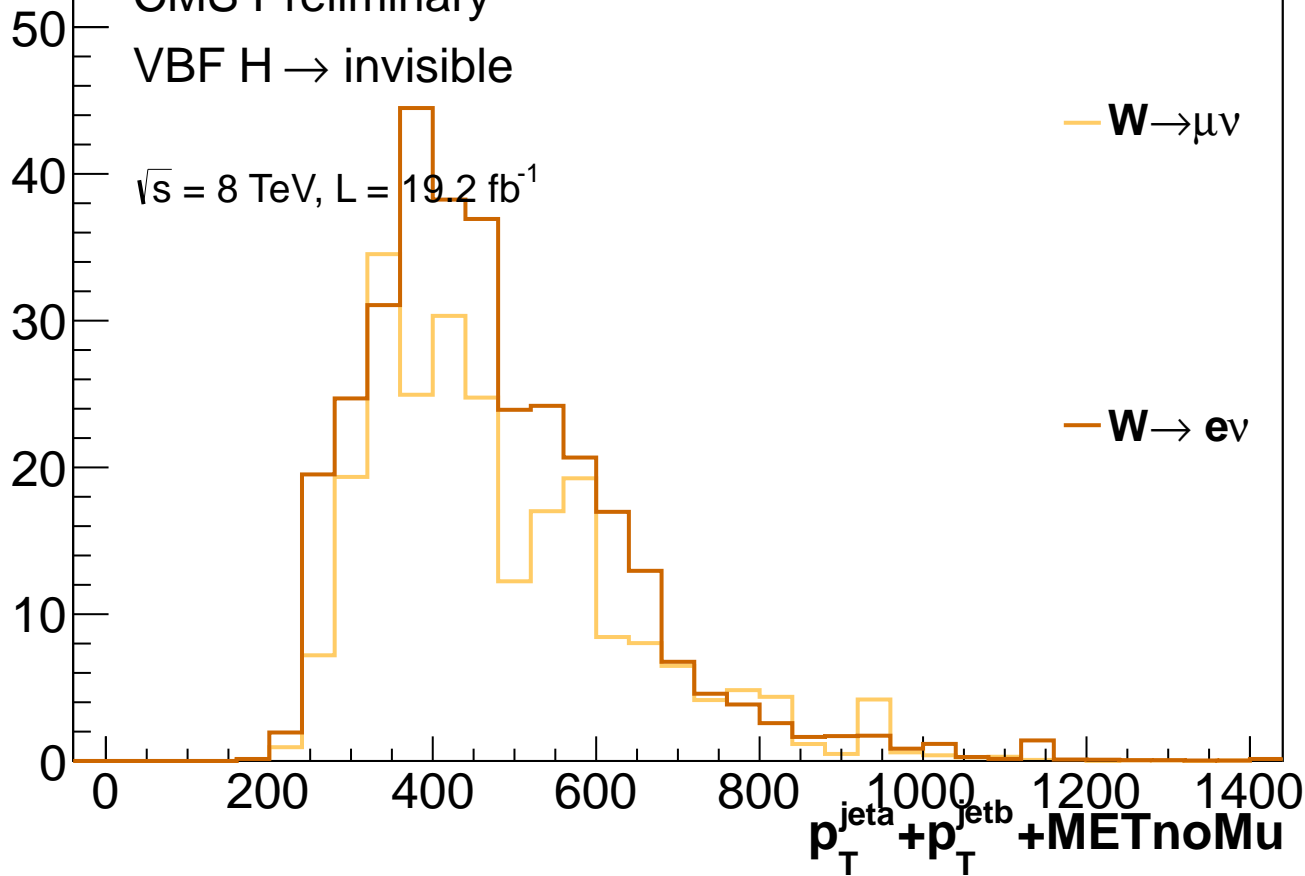
CMS Preliminary

VBF $H \rightarrow \text{invisible}$

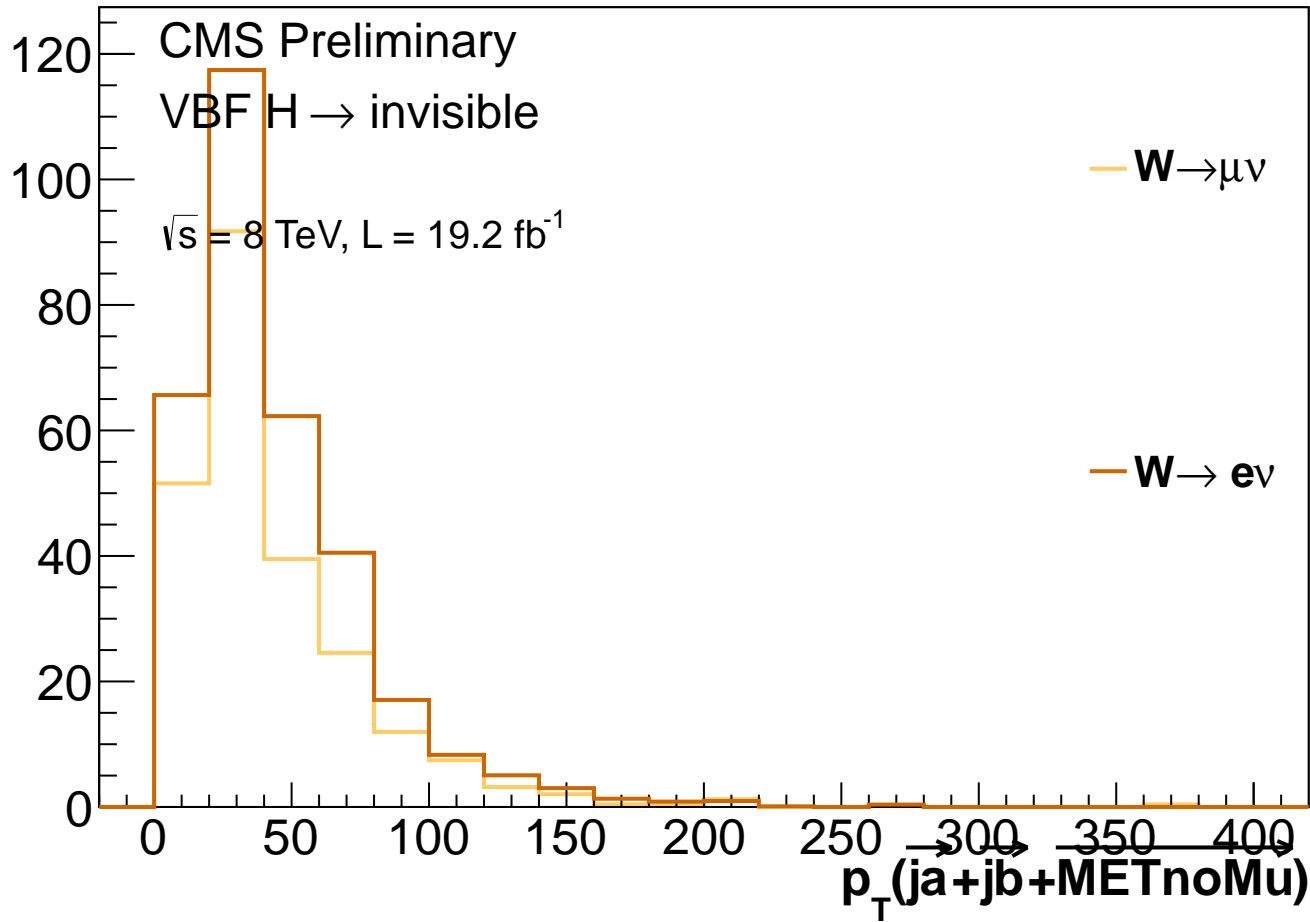
$\sqrt{s} = 8 \text{ TeV}$, $L = 19.2 \text{ fb}^{-1}$

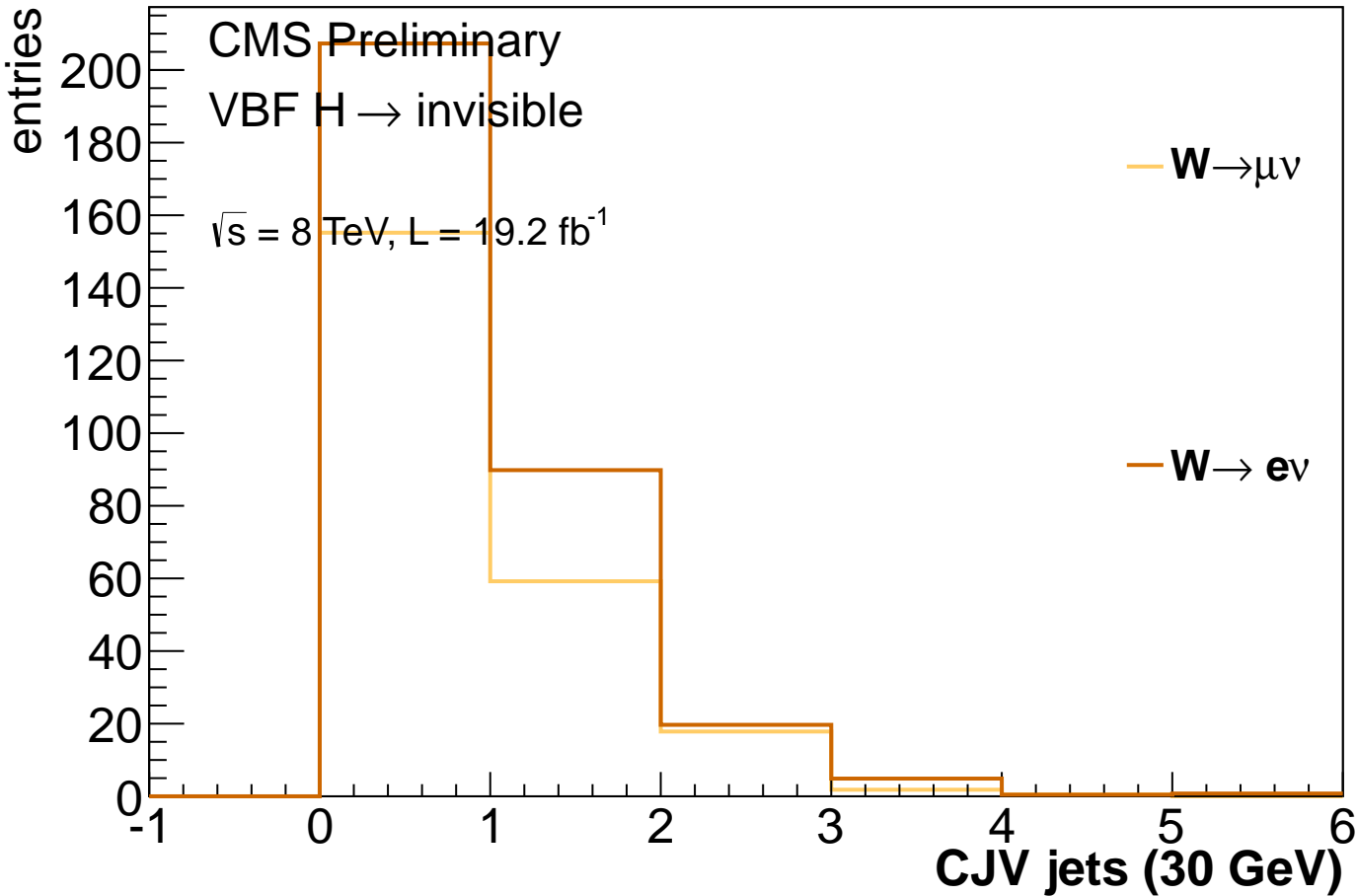
$W \rightarrow \mu\nu$

$W \rightarrow e\nu$

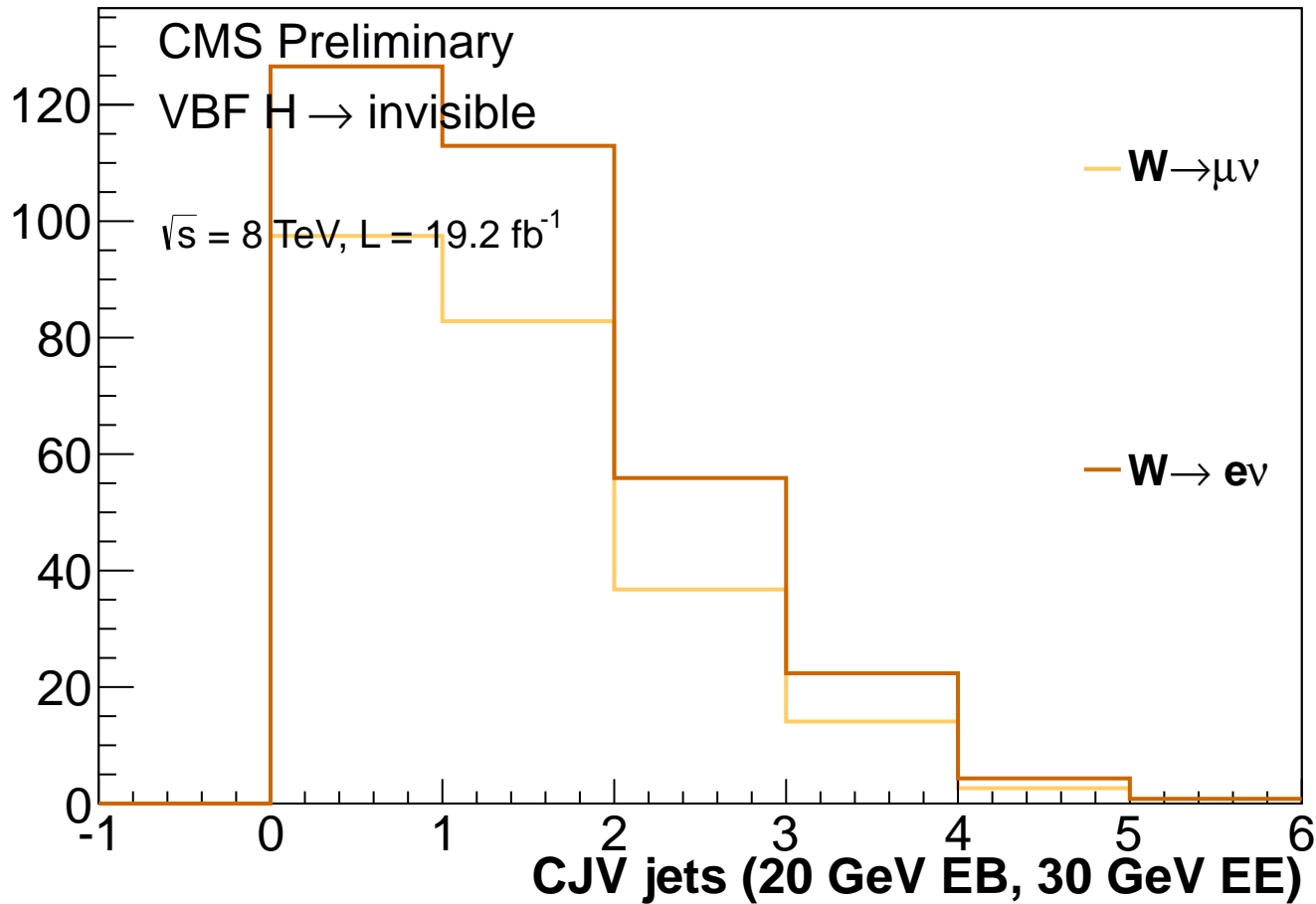


entries





entries

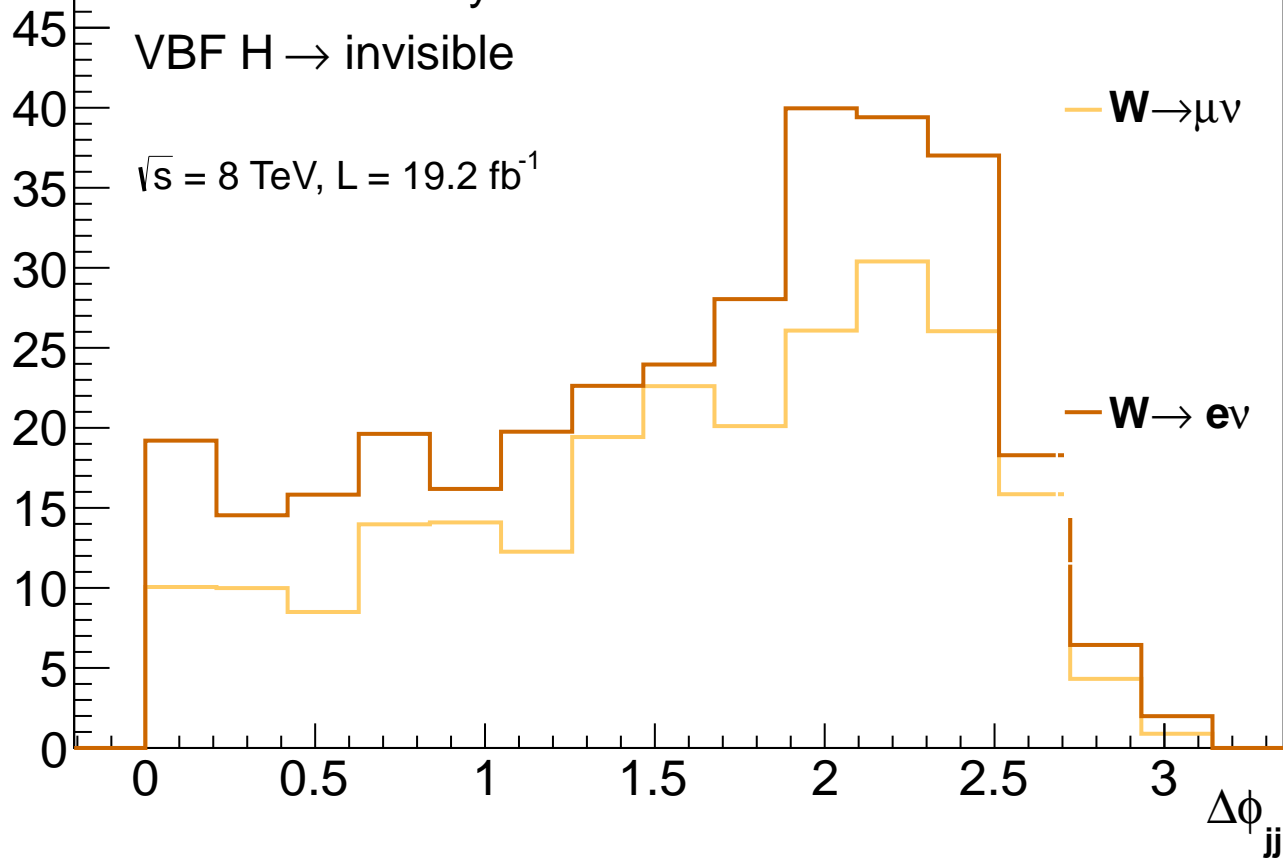


entries

CMS Preliminary

VBF $H \rightarrow \text{invisible}$

$\sqrt{s} = 8 \text{ TeV}$, $L = 19.2 \text{ fb}^{-1}$



entries

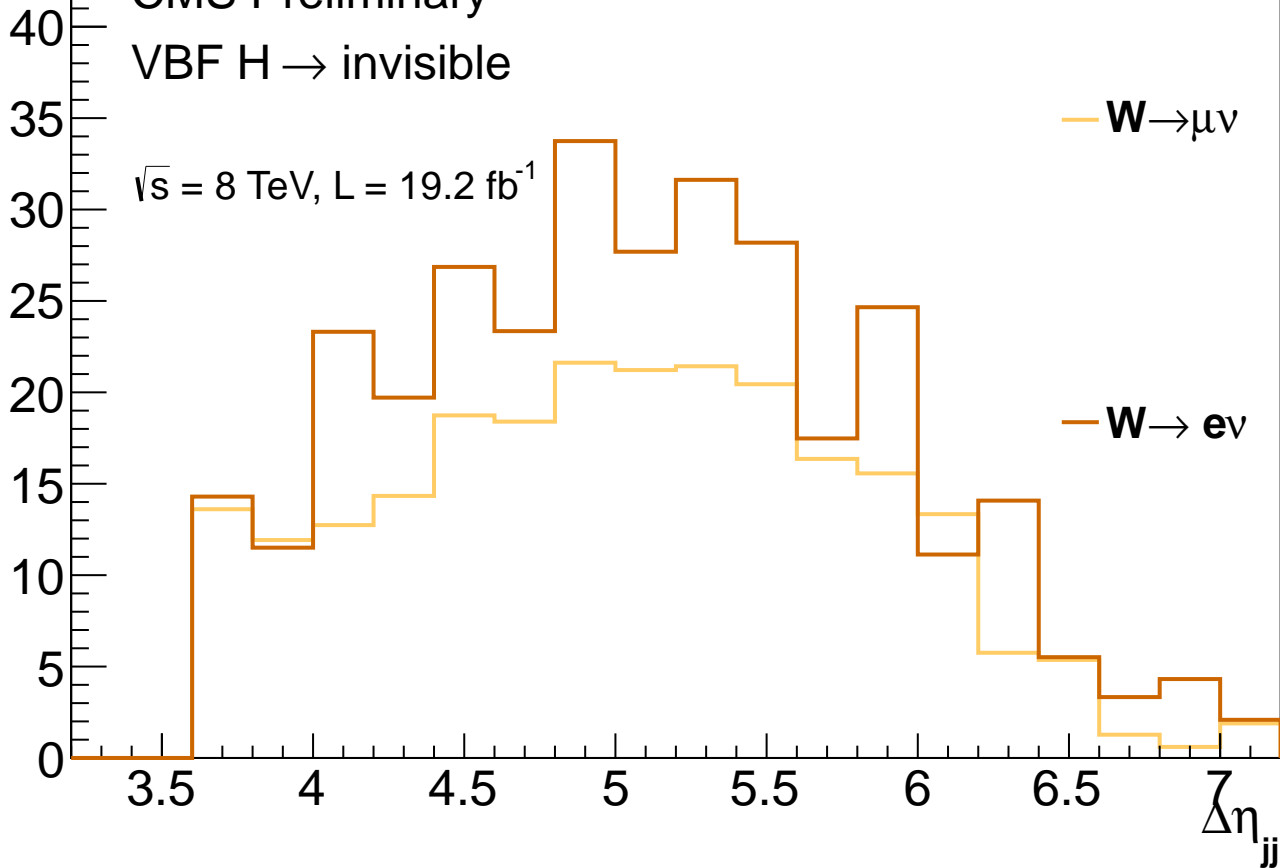
CMS Preliminary

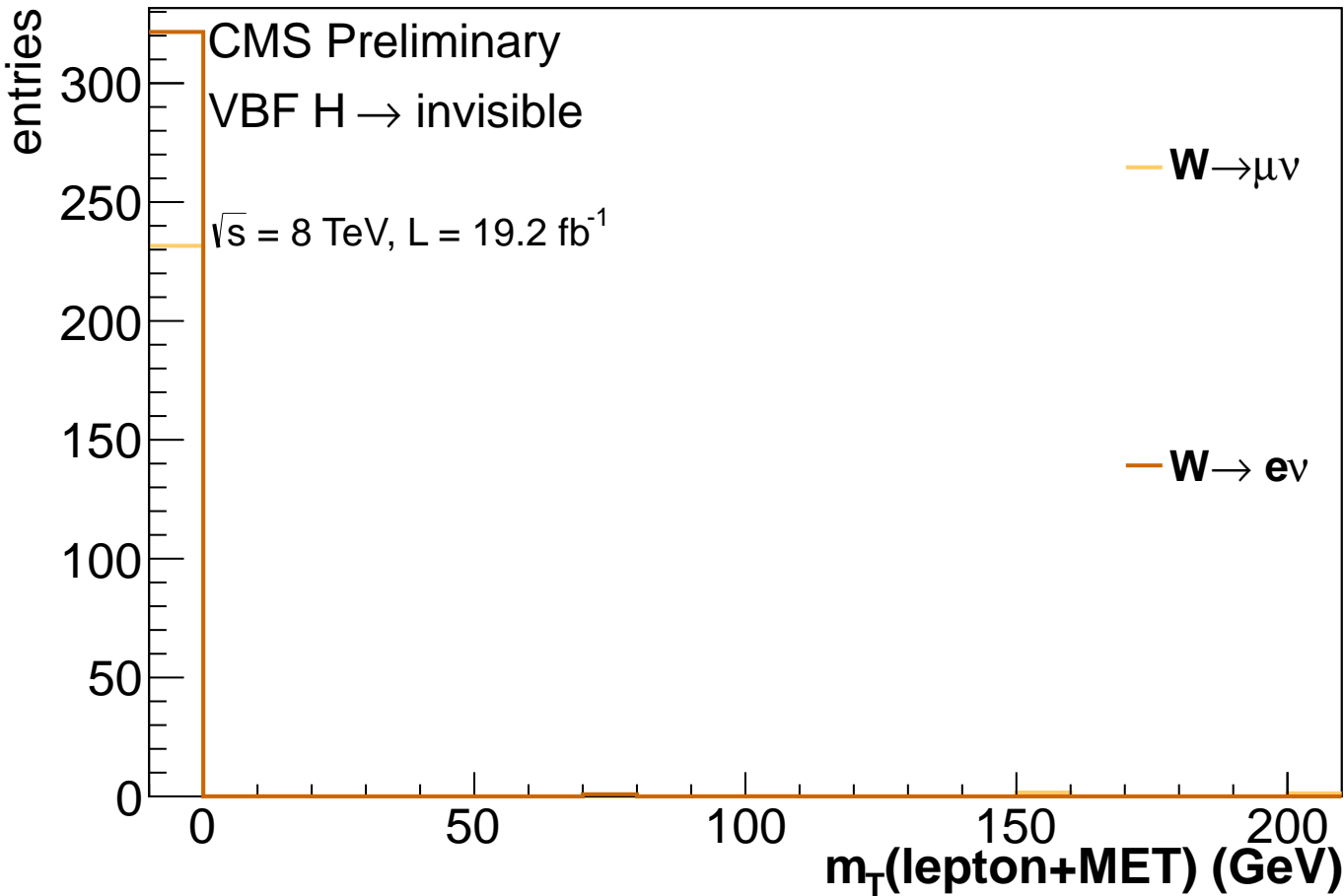
VBF $H \rightarrow \text{invisible}$

$\sqrt{s} = 8 \text{ TeV}$, $L = 19.2 \text{ fb}^{-1}$

$W \rightarrow \mu\nu$

$W \rightarrow e\nu$





entries

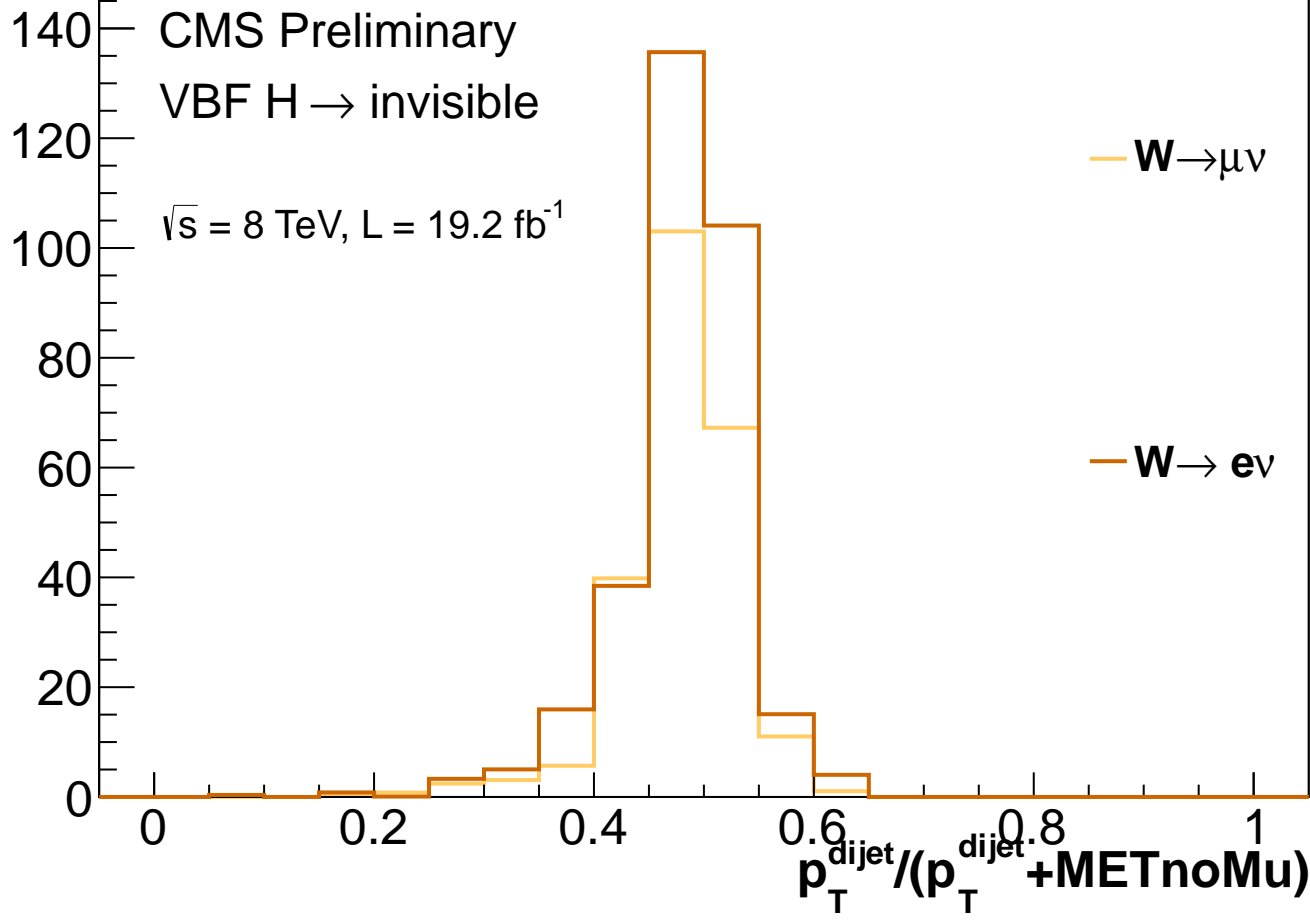
CMS Preliminary

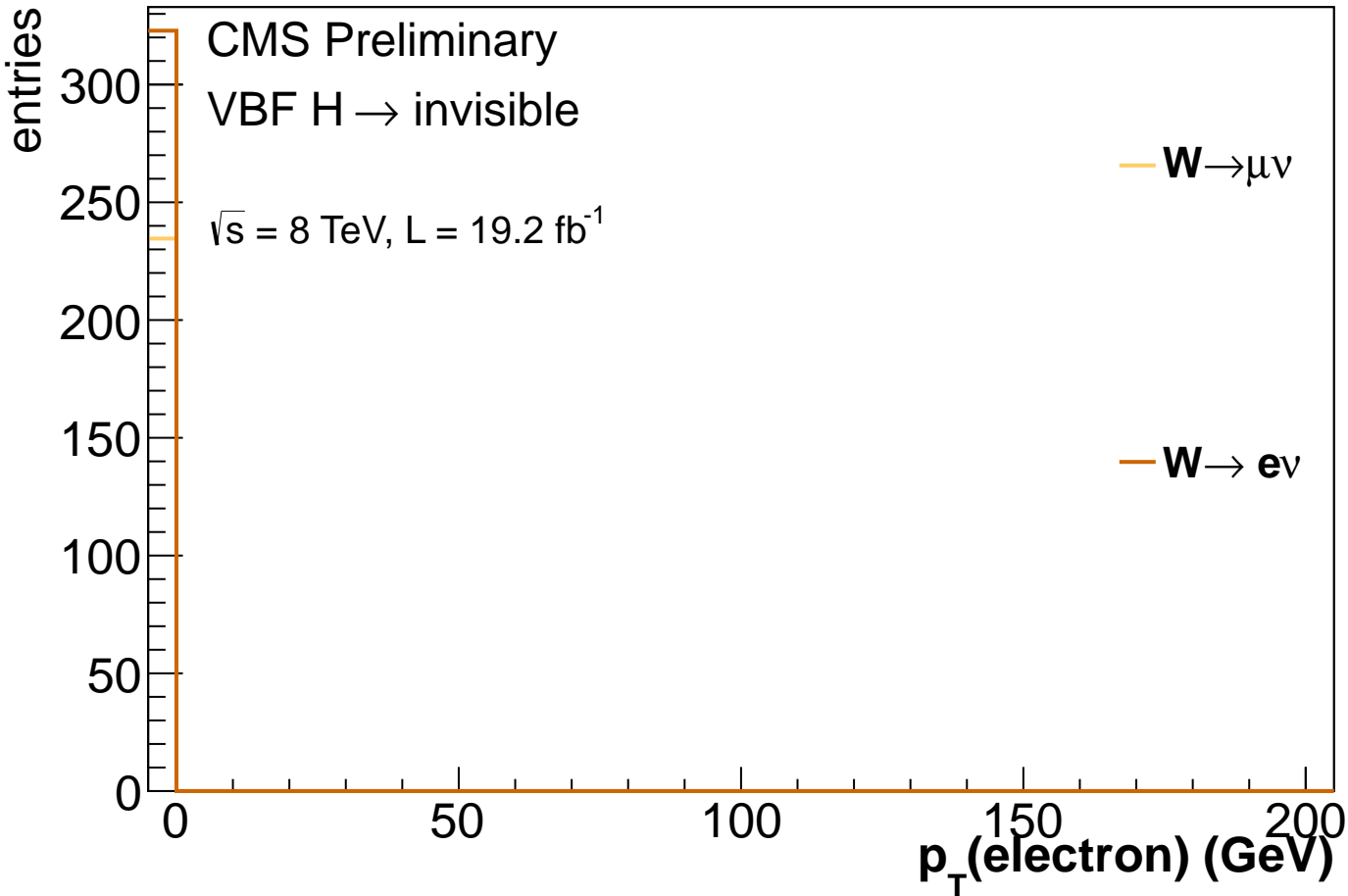
VBF H \rightarrow invisible

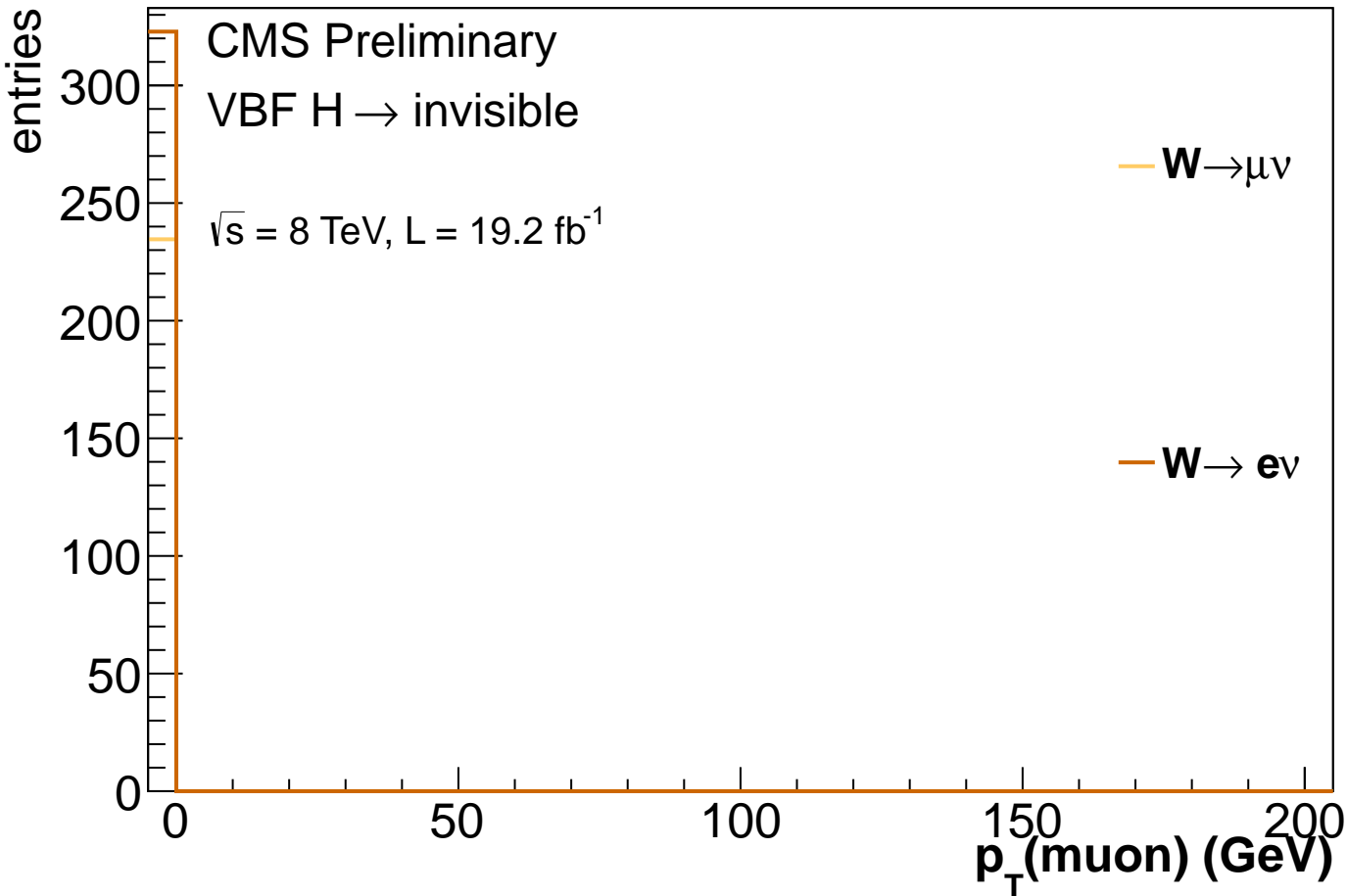
$\sqrt{s} = 8$ TeV, $L = 19.2$ fb $^{-1}$

$W \rightarrow \mu\nu$

$W \rightarrow e\nu$







entries

300

250

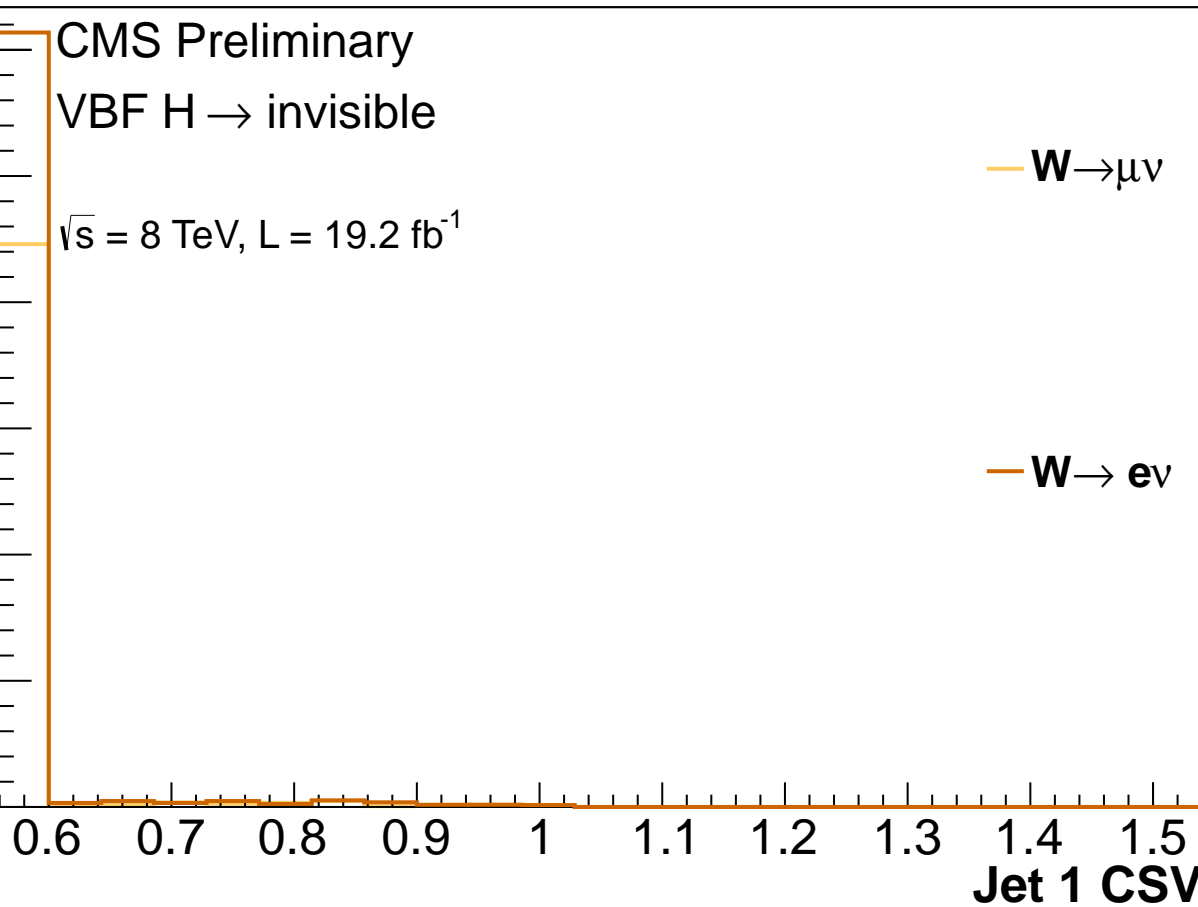
200

150

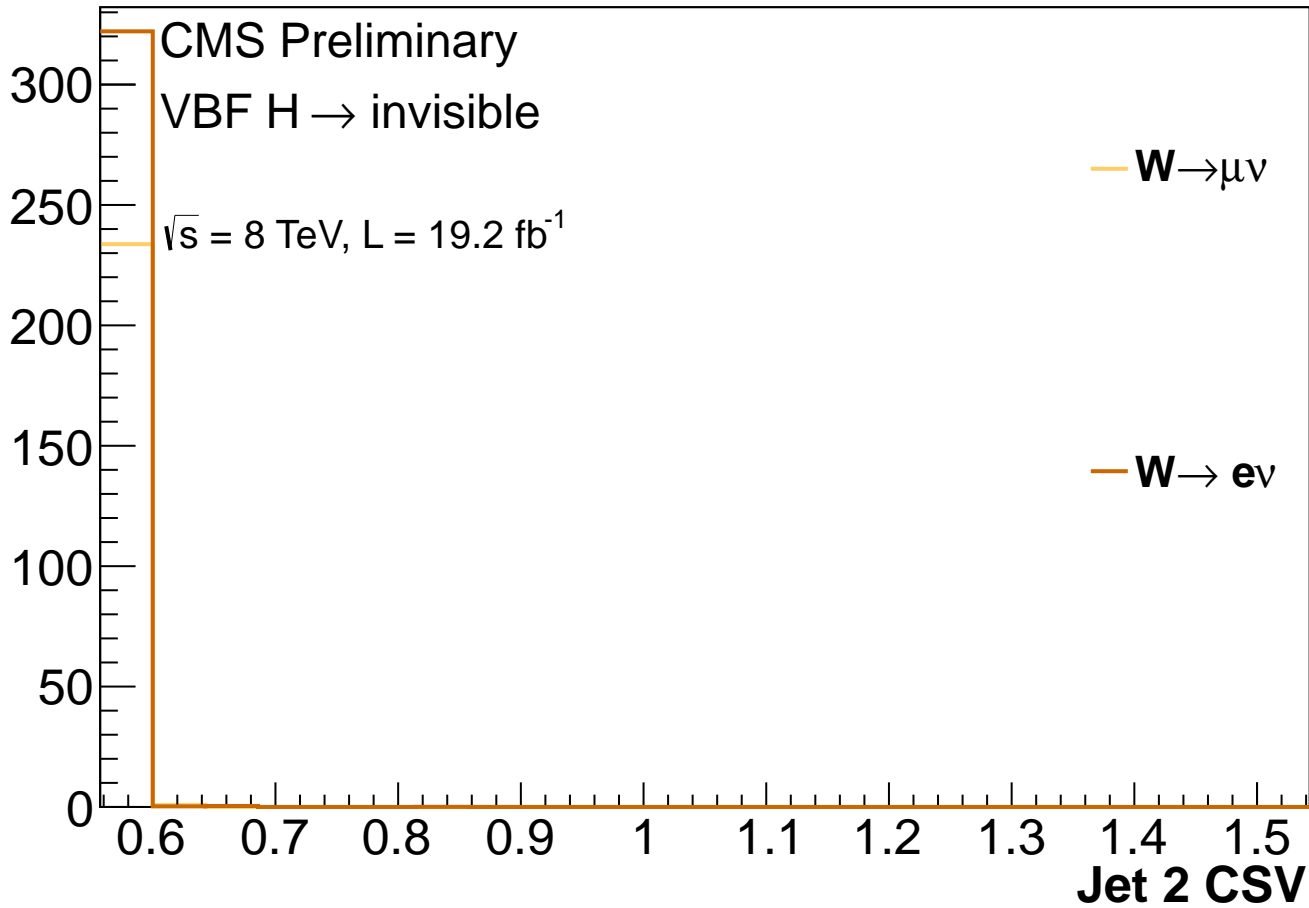
100

50

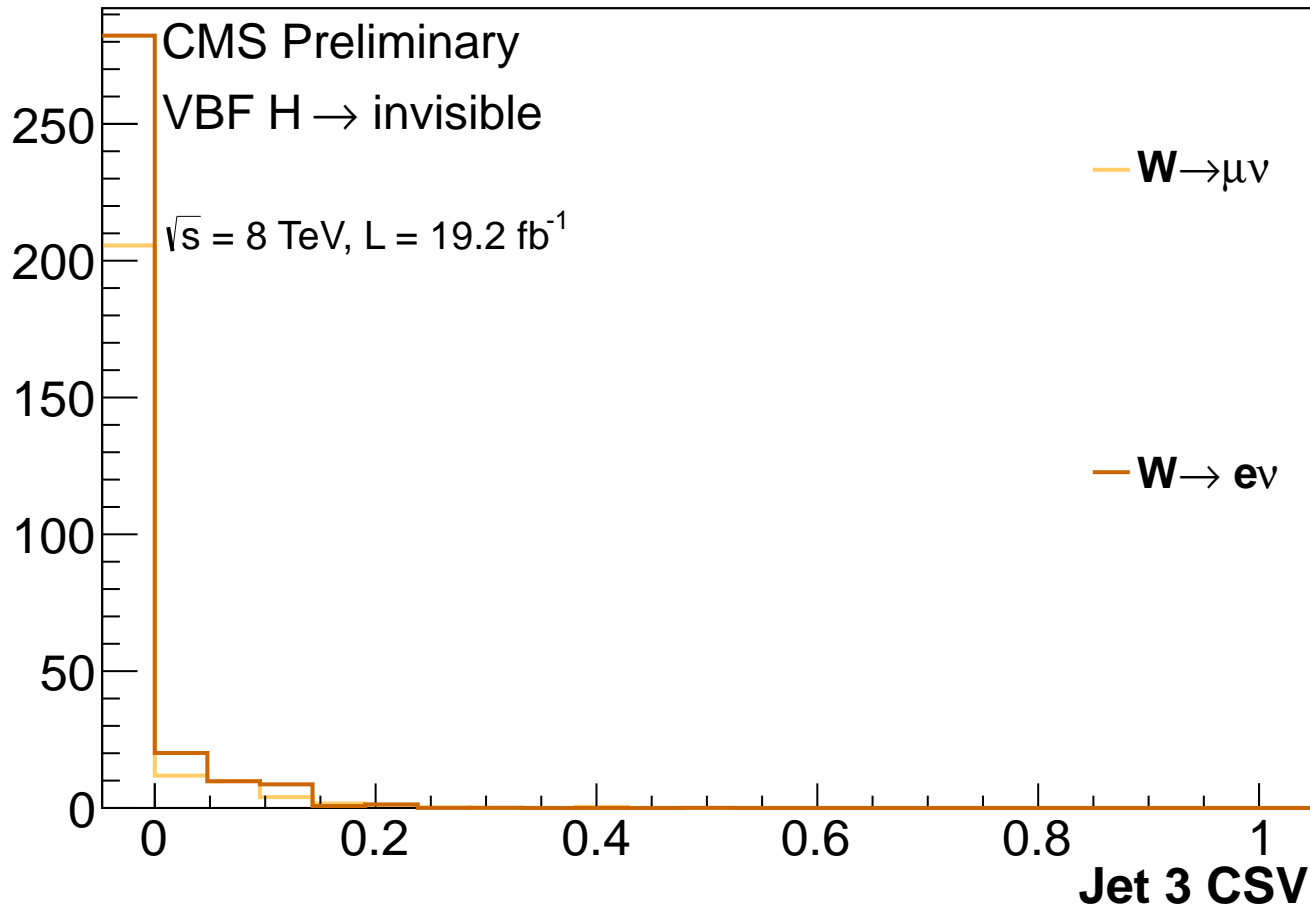
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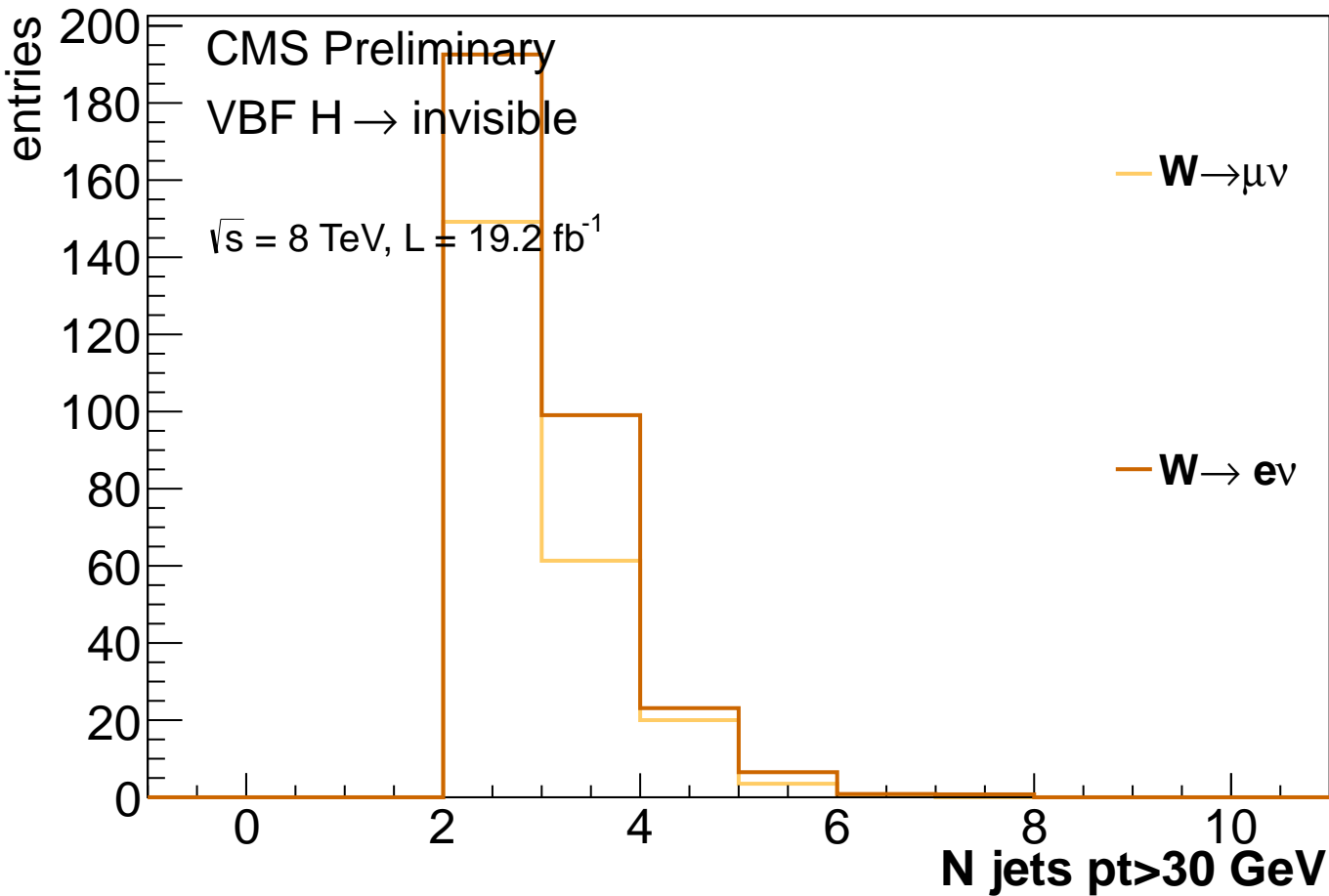


entries



entries





entries

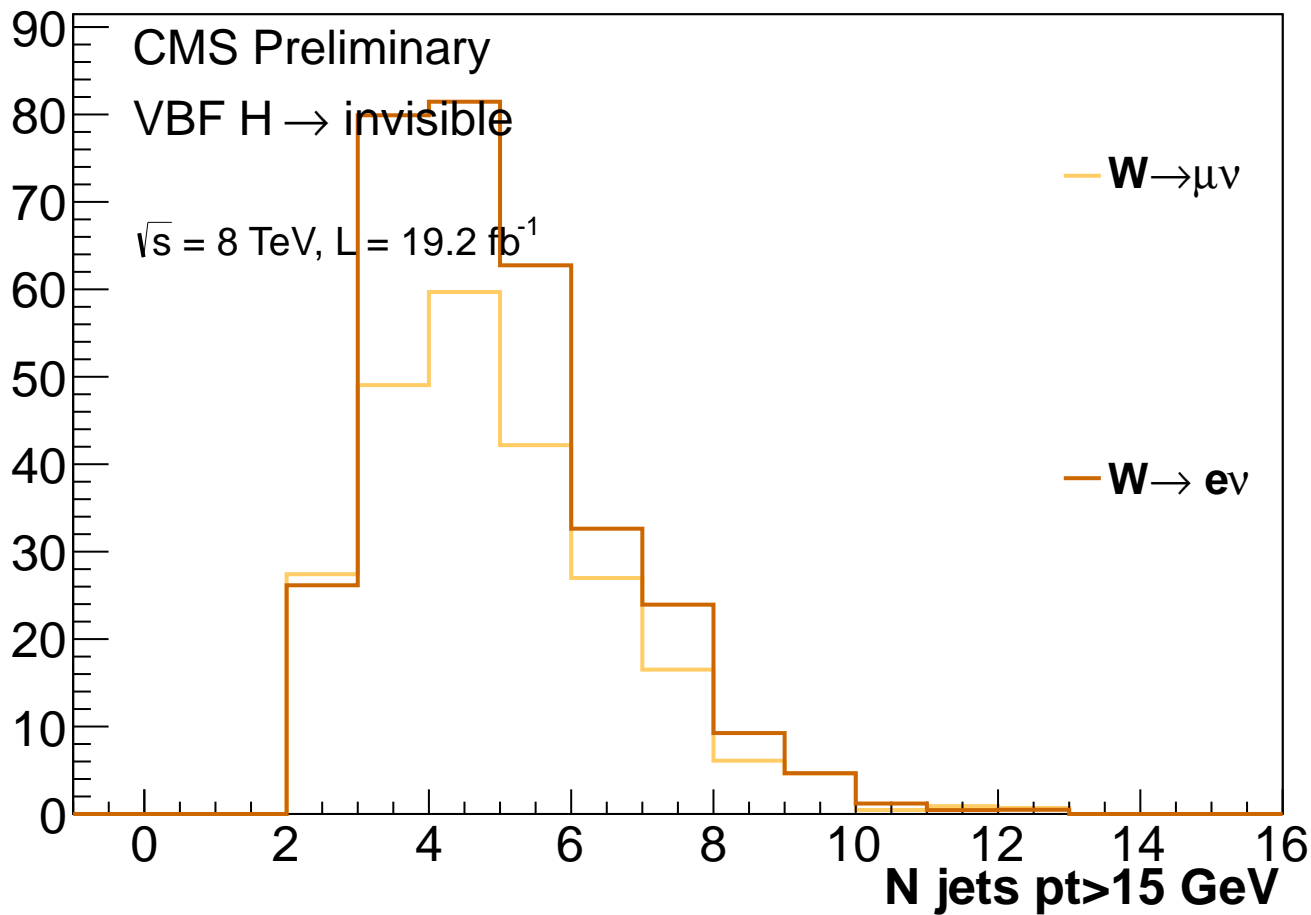
CMS Preliminary

VBF H \rightarrow invisible

$\sqrt{s} = 8$ TeV, $L = 19.2$ fb $^{-1}$

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entries

CMS Preliminary

VBF $H \rightarrow$ invisible

$\sqrt{s} = 8 \text{ TeV}$, $L = 19.2 \text{ fb}^{-1}$

$W \rightarrow \mu\nu$

$W \rightarrow e\nu$

35
30
25
20
15
10
5
0

-4

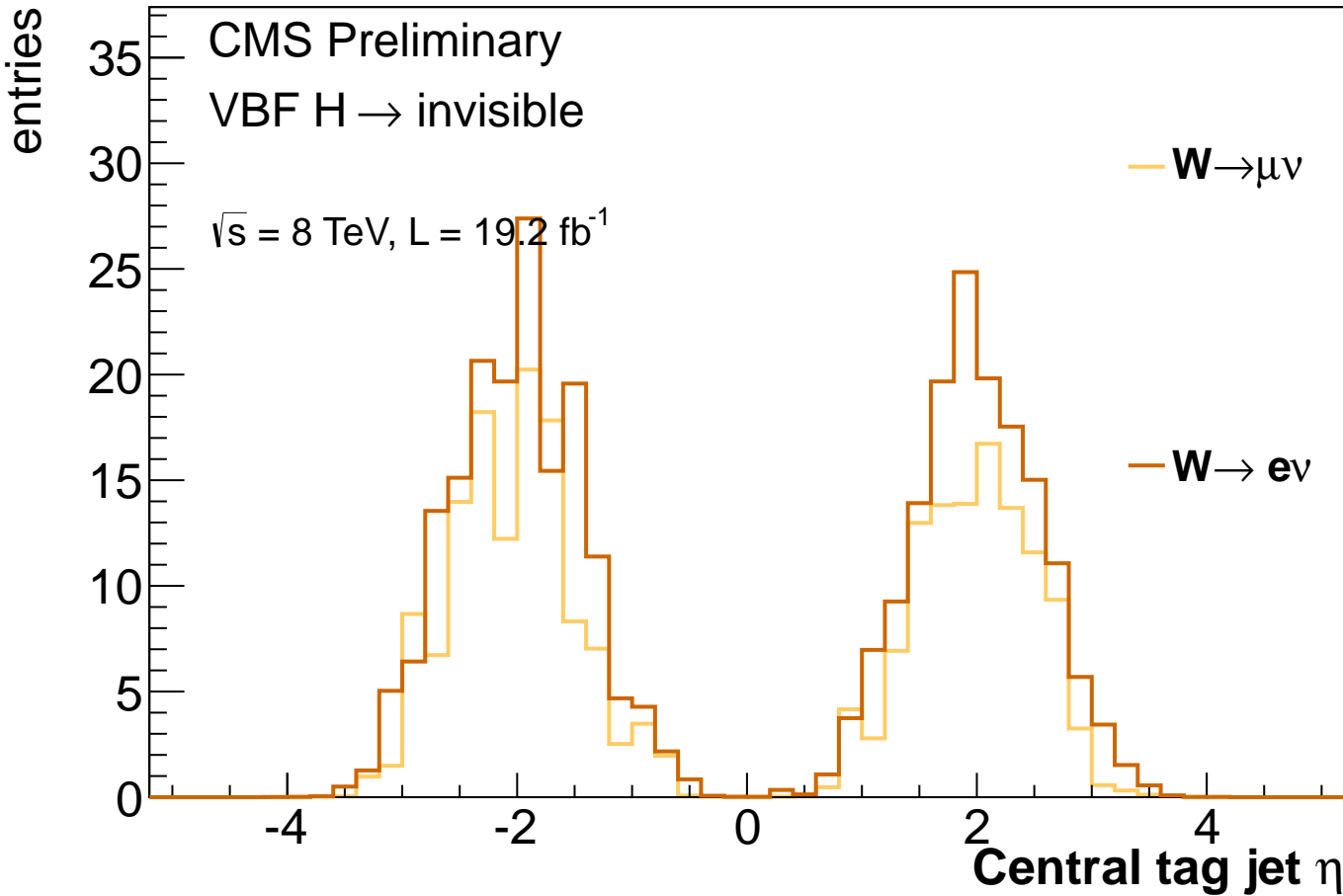
-2

0

2

4

Central tag jet η



entries

