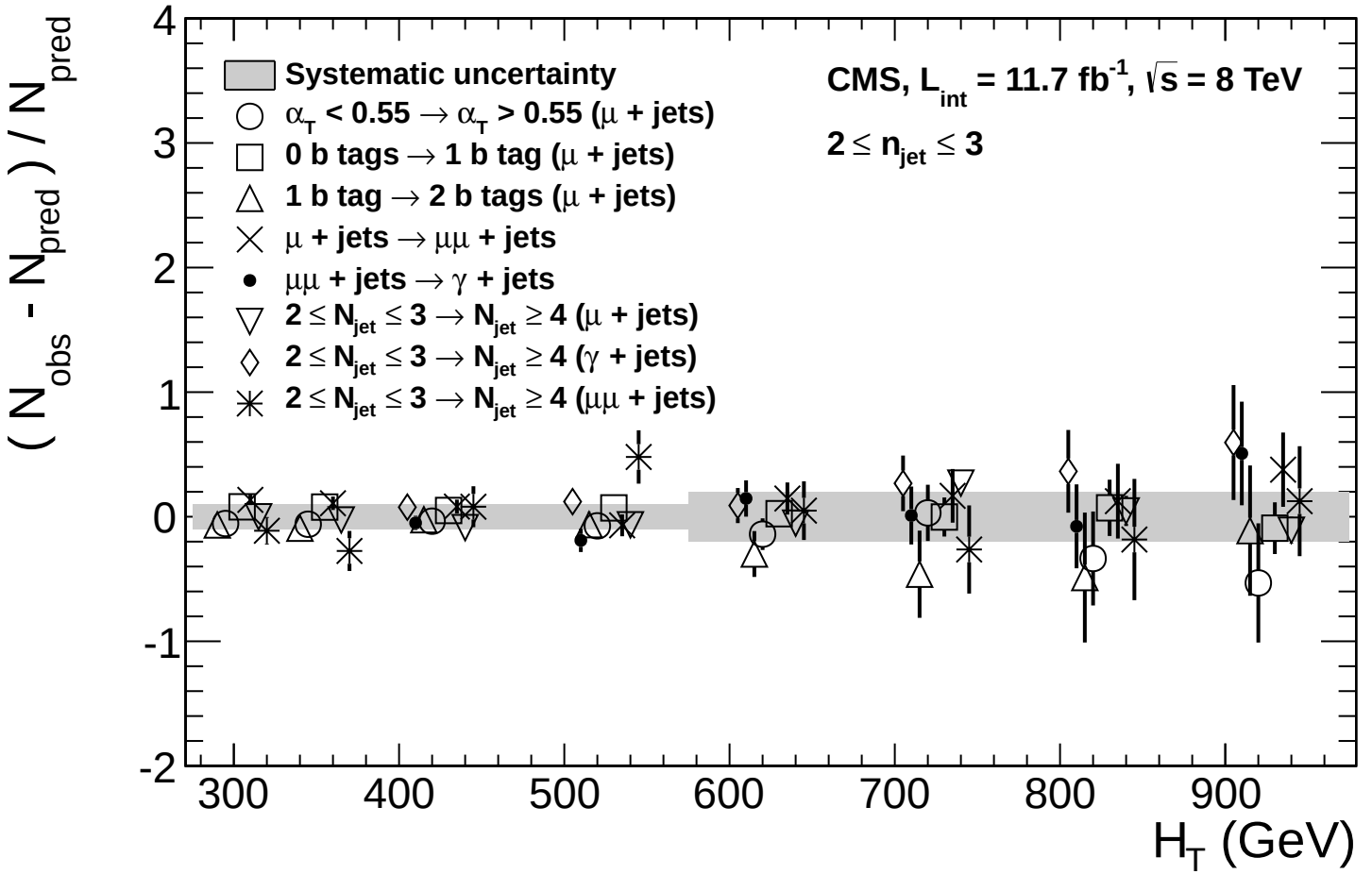
Systematic uncertainty
$\alpha_T < 0.55 \rightarrow \alpha_T > 0.55$ (μ + jets)
0 b tags $\rightarrow$ 1 b tag (μ + jets)
1 b tag $\rightarrow$ 2 b tags (μ + jets)
μ + jets $\rightarrow \mu\mu$ + jets
$\mu\mu$ + jets $\rightarrow \gamma$ + jets
$2 \leq N_{jet} \leq 3 \rightarrow N_{jet} \geq 4$ (μ + jets)
$2 \leq N_{jet} \leq 3 \rightarrow N_{jet} \geq 4$ (γ + jets)
$2 \leq N_{jet} \leq 3 \rightarrow N_{jet} \geq 4$ ($\mu\mu$ + jets)
CMS, L_{int} = 11.7 fb^{-1}, $\sqrt{s}$ = 8 TeV
$2 \leq n_{jet} \leq 3$
$(N_{obs} - N_{pred}) / N_{pred}$
H_T (GeV)
4
3
2
1
0
-1
-2
300
400
500
600
700
800
900