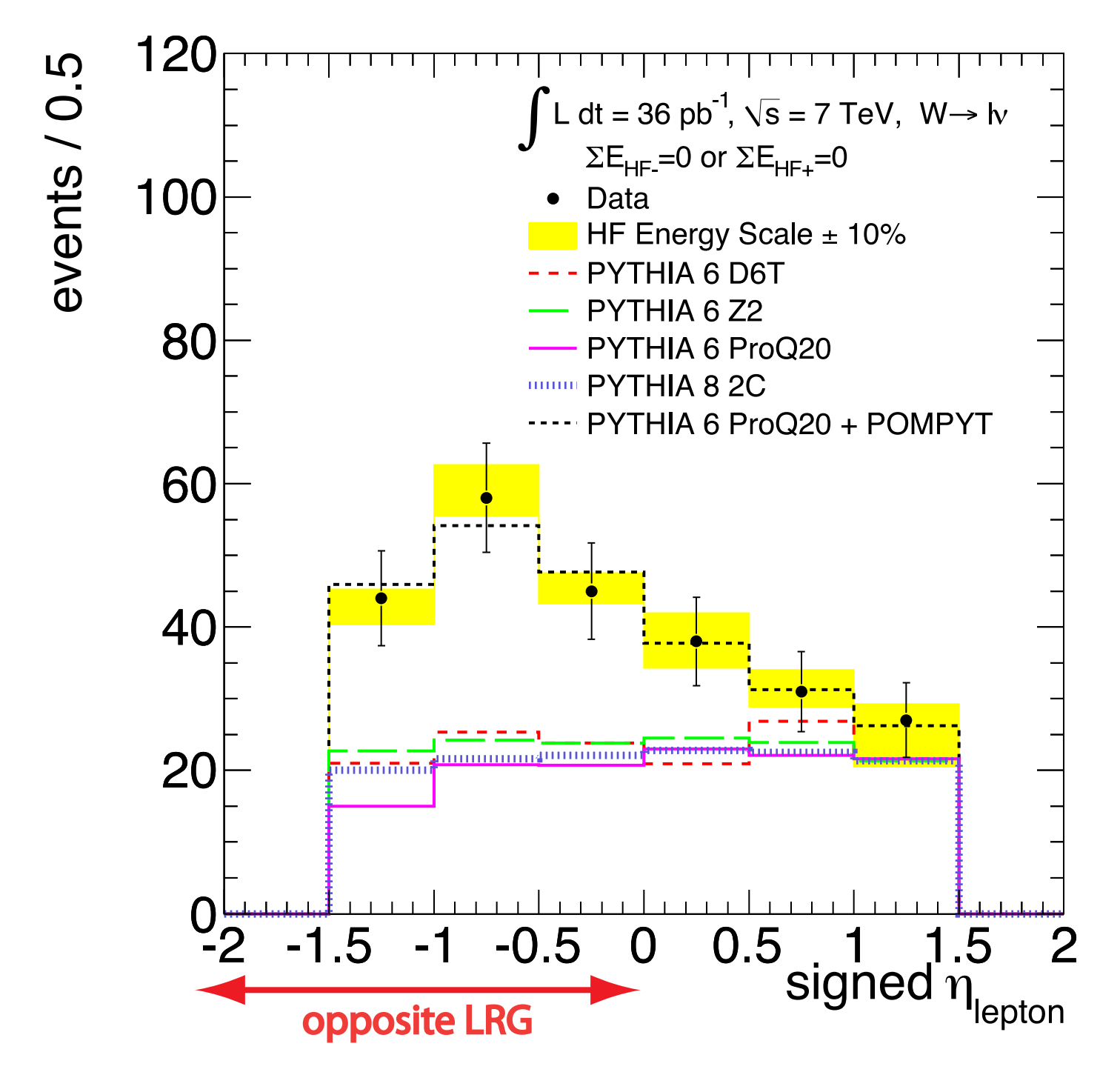
events / 0.5
120
100
80
60
40
20
0
-2
-1.5
-1
-0.5
0
0.5
1
1.5
2
signed η_{lepton}
$\int$ L dt = 36 pb^{-1}, $\sqrt{s}$ = 7 TeV, W→ lν
ΣE_{HF-}=0 or ΣE_{HF+}=0
Data
HF Energy Scale ± 10%
PYTHIA 6 D6T
PYTHIA 6 Z2
PYTHIA 6 ProQ20
PYTHIA 8 2C
PYTHIA 6 ProQ20 + POMPYT
opposite LRG