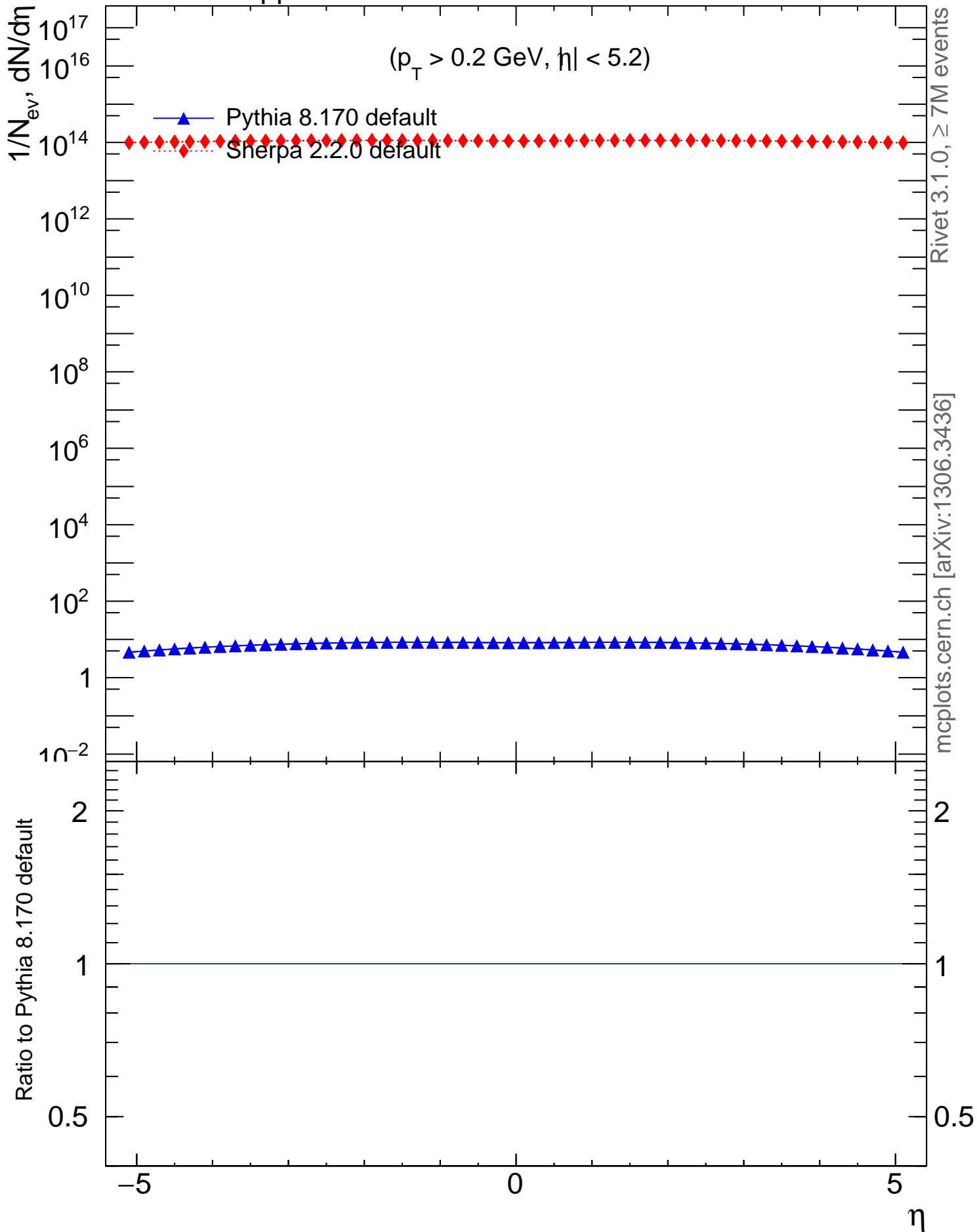


7000 GeV pp

Soft QCD

$(p_T > 0.2 \text{ GeV}, |\eta| < 5.2)$



mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.0,  $\geq 7M$  events

Ratio to Pythia 8.170 default

$1/N_{ev} \cdot dN/d\eta$

-5

0

5

$\eta$

0.5

1

2

1

10<sup>2</sup>

10<sup>4</sup>

10<sup>6</sup>

10<sup>8</sup>

10<sup>10</sup>

10<sup>12</sup>

10<sup>14</sup>

10<sup>16</sup>

10<sup>17</sup>

Pythia 8.170 default

Sherpa 2.2.0 default