<table>
<thead>
<tr>
<th>ATLAS+CMS Preliminary</th>
<th>m_{top} from cross-section measurements</th>
<th>m_{top} ± tot (stat ± syst ± theo)</th>
<th>Ref.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>σ(tt) inclusive, NNLO+NNLL</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ATLAS, 7+8 TeV</td>
<td>172.9</td>
<td>±2.5</td>
<td>+2.0</td>
</tr>
<tr>
<td>CMS, 7+8 TeV</td>
<td>173.8</td>
<td>±1.7</td>
<td>-1.8</td>
</tr>
<tr>
<td>CMS, 13 TeV</td>
<td>169.9</td>
<td>+1.9</td>
<td>-2.1</td>
</tr>
<tr>
<td><strong>σ(tt+1j) differential, NLO</strong></td>
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<tr>
<td>ATLAS, 7 TeV</td>
<td>173.7</td>
<td>+2.3</td>
<td>-2.1</td>
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<tr>
<td>CMS, 8 TeV</td>
<td>169.9</td>
<td>+4.5</td>
<td>-3.7</td>
</tr>
<tr>
<td>ATLAS, 8 TeV</td>
<td>171.1</td>
<td>+1.2</td>
<td>-1.0</td>
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<tr>
<td><strong>σ(tt) n-differential, NLO</strong></td>
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<tr>
<td>ATLAS, n=1, 8 TeV</td>
<td>173.2</td>
<td>±1.6</td>
<td>(0.9 ± 0.8 ±1.2)</td>
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<tr>
<td>CMS, n=3, 13 TeV</td>
<td>170.9</td>
<td>±0.8</td>
<td></td>
</tr>
</tbody>
</table>

$m_{top}$ from top quark decay:
- CMS, 7+8 TeV comb. [10]
- ATLAS, 7+8 TeV comb. [11]

References:
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2. [JHEP 10 (2015) 121](#)
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8. [PRD 93 (2016) 072004](#)
9. [EPJC 79 (2019) 290](#)
10. [ATLAS-CONF-2019-041](#)
11. [EPJC 77 (2017) 804](#)