

# Tevatron Run II single top quark summary

Measurement

Cross section [pb]

s-channel:

**CDF**

PRL 112, 231805 (2014)

**1.36**<sup>+0.37</sup><sub>-0.32</sub>

**D0**

PLB 726, 656 (2013)

**1.10**<sup>+0.33</sup><sub>-0.31</sub>

**Tevatron**

PRL 112, 231803 (2014)

**1.29**<sup>+0.26</sup><sub>-0.24</sub>

t-channel:

**CDF**

CDF-CONF-11033 (2014)

**1.65**<sup>+0.38</sup><sub>-0.36</sub>

**D0**

PLB 726, 656 (2013)

**3.07**<sup>+0.54</sup><sub>-0.49</sub>

**Tevatron**

**2.25**<sup>+0.29</sup><sub>-0.31</sub>

s+t:

**CDF**

CDF-CONF-11033 (2014)

**3.02**<sup>+0.49</sup><sub>-0.48</sub>

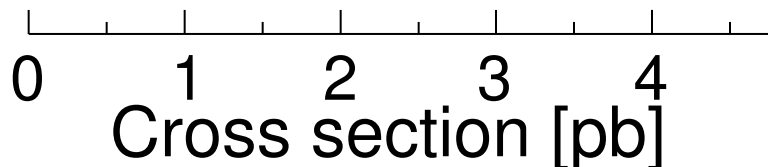
**D0**

PLB 726, 656 (2013)

**4.11**<sup>+0.60</sup><sub>-0.55</sub>

**Tevatron**

**3.30**<sup>+0.52</sup><sub>-0.40</sub>



⋮ Theory (NLO+NNLL)  
PRD81 054028 (2010), PRD83 091503 (2011)

$m_t = 172.5$  GeV