

**Erratum: Search for fractionally charged particles  
in  $pp$  collisions at  $\sqrt{s} = 7$  TeV  
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S. Chatrchyan *et al.*\*

(CMS Collaboration)

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CMS has uncovered an issue with the muon trigger simulation that impacts particles with  $|Q| = e/3$ . Consequently, we retract the cross section and mass limits, and related analysis details for  $|Q| = e/3$  particles set in this paper. The  $|Q| = 2e/3$  results are not affected within their uncertainties. We are supplying a revised Fig. 3 and Table III that have the  $|Q| = e/3$  results removed.

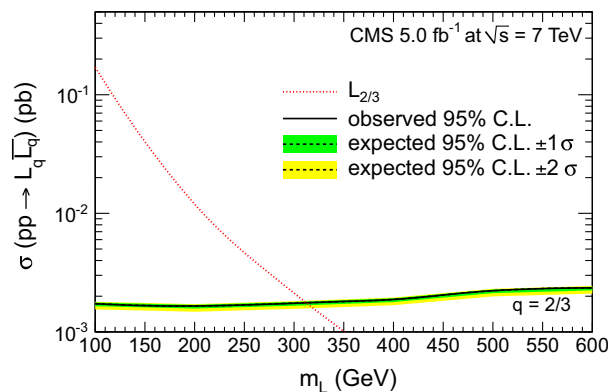


FIG. 3. Expected and observed limits on the cross section of  $L_q \bar{L}_q$  for  $q = 2/3$ . The theoretical prediction of modified Drell–Yan production with  $t_{3L} = 0$  is shown. The lines for the expected and observed limits are overlapping.

TABLE III. The signal efficiency and average velocity  $\langle\beta\rangle$  of events in the signal region for different mass points.

Mass (GeV)	$L_{2/3}$	
	Signal efficiency	$\langle\beta\rangle$
100	$0.341 \pm 0.026$	0.84
200	$0.357 \pm 0.027$	0.83
300	$0.337 \pm 0.026$	0.82
400	$0.314 \pm 0.024$	0.80
500	$0.265 \pm 0.020$	0.79
600	$0.251 \pm 0.019$	0.78

\*Full author list is given in the original paper.

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