

## Constraints on the 3-3-1 model from dark matter searches

We analyze the dark matter problem in a class of models with gauge symmetry  $SU(3)_C \otimes SU(3)_L \otimes U(1)_X$ , taking into account the constraints coming from Planck observations of the dark matter relic density, direct detection searches with Xenon1T and indirect detection experiments.

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