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Leptophobic Boson Searches JOHN HARDIN, CRISTIANO FANELLI, MICHAEL WILLIAMS, Massachusetts Inst of Tech-MIT, GLUEX COLLABORATION — The GlueX data set has the potential to improve the sensitivity to leptophobic bosons, including the so called B boson which couples to baryon number, by a factor of O(100) between 450 and 900MeV. We present the expected reach of the limits on the coupling of  $\gamma p->pB$  from the data already taken in Spring 2016 and of the full data set. These results will also set limits on other dark sector models and motivate ep->pB searches at CLAS.

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