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Oleksandra V Beznosova* (alexbeznosova@yahoo.com) and **Alexander Reznikov**. *The limiting case of the Reverse Holder inequalities and the A_∞ condition*. Preliminary report.

As $p \rightarrow 1$, p - Reverse Holder inequalities for a weight w degenerate to a reverse Jensen's inequality of the $L \log L$ -type. We show that the constant in this inequality depends on the A_∞ constant of the weight w at most linearly. (Received January 19, 2011)