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Rapidity gaps between jets in photoproduction at HERA

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Photoproduction events which have two or more jets have been studied in the γp centre-of-mass energy range 170 GeV $< W <$ 243 GeV with the H1 detector at HERA. The fraction $f(\Delta\eta)$ of events with a rapidity gap between the two highest E_T jets is measured for $\Delta\eta > 3.5$ between the jet axes. An excess of events with a rapidity gap, over what would be expected from standard photoproduction processes, is observed. The excess can be interpreted as the result of the exchange of a strongly interacting colour singlet object.