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Author(s) Skakun, Ye; Rauscher, T.

Author(s) at UniBasel [Rauscher, Thomas](#) ;

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Astrophysical S-factors of (p,n) reactions on Ru-99, Ru-100, Ru-101, and Ru-102 were derived from the sum of experimental isomeric and ground states cross sections measured in the incident proton energy range of 5-9 MeV. They were compared with Hauser-Feshbach statistical model predictions of the NON-SMOKER code. Good agreement was found in the majority of cases. Reaction rates were derived up to 8.7 GK stellar temperature by combining experiment and theory.

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