Registration for the Spring-Conference of the
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in **Stuttgart**

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Charge-pickup of ^{238}U at relativistic energies *

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Cross sections for the charge-pickup of ^{238}U projectiles were measured at E/A = 600 and 1000 MeV for seven different targets (Be, C, Al, Cu, In, Au and U) [1]. Events with two fission fragments with a sum charge of 93 in the exit channel were selected. Due to the significant excitation energy, the majority of the produced Np nuclei fission instead of decaying by evaporation to residues. The observed cross sections can be well reproduced by intranuclear-cascade-plus-evaporation calculations and, therefore, confirm recent results that no exotic processes are needed to explain charge-pickup processes [2].

[1] Th. Rubehn *et al.*, GSI-Preprint-95-60, October 1995.
[2] K. Sümmerer *et al.*, Phys. Rev. C **52**, 1106 (1995).

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