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Helium EIR (electron-ion recombination) plasma in the steady-state linear divertor simulator MAP (material and plasma)-II in the University of Tokyo. Recombination "front" with an electron temperature of about 0.1 eV surround the ionizing plasma stream with about several eV. As the puffing gas from the downstream region (right) increases, the recombination front is shifted to the upstream (left). (Filippo SCOTTI *et al.*, Plasma and Fusion Research Vol.1, 054 (2006) December. <http://www.jspf.or.jp/PFR/>)

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