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MEX and VEX Measurements of ENAs from the Heliospheric Termination Shock Region

S. Barabash (1), P. Wurz (2), A. Galli (2) and the ASPERA-3 & ASPERA-4 teams (1) Swedish Institute of Space Physics, IRF, 98128 Kiruna, Sweden (stas@irf.se); (2) Physics Institute, University of Bern, Bern, Switzerland (wurz@phim.unibe.ch)

First measurements of energetic neutral particles (ENAs) with the NPD sensor of the ASPERA-4 instrument on Venus Express (VEX) performed during the cruise phase are compared with earlier measurents performed with the NPD sensor of the ASPERA-3 instrument on Mars Express (MEX). In the MEX ENA measurements a class of particles was identified that originated from the heliospheric termination shock region (Galli et al., ApJ, 2006, submitted). The existence of these ENA particles has now been confirmed with the VEX ENA measurements. Having two vantage points, VEX and MEX, for observing these ENAs from the termination shock region allows for more detailed analysis than was possible before.