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Scientific visualization of magnetic reconnection particle simulation data by CAVE virtual reality system "CompleXcope" at National Institute for Fusion Science. Ions coming from upstream boundary execute a meandering motion (white lines) around the magnetic neutral sheet, and exit through the downstream boundary. The averaged amplitude of the meandering motion corresponds to the width of the ion high-temperature region (color contours in the xy -plane). (Hiroaki OHTANI *et al.*, Plasma and Fusion Research Vol.3, 054 (2008) [http://www.jspf.or.jp/](http://www.jspf.or.jp/PFR/))