

Plasma Focus for Laboratory Simulation of Astrophysical Jets.

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One of the most interesting properties of astrophysical jets is that they propagate along the axis of rotation of the accretion disk on the distances, which are many times greater than its diameter.

Using Z-Pinch facilities for laboratory simulation of astrophysical jets seems very logical. The Plasma focus is supposed to be a very suitable device for simulation of astrophysical jets.

Results of MHD simulations of jet propagation and its compare with known properties of the laboratory and young stellar object's jets are presented.

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