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Comparison of pressure profiles between the high performance discharge with an Internal Diffusion Barrier: IDB (▼) and normal discharge (○). The IDB formation lead to peaked high pressure plasma and the central pressure exceeds atmospheric pressure. The IDB plasma is characterized by very large Shafranov shift over half radius due to its high central pressure. (Ryuichi SAKAMOTO et al., Plasma and Fusion Research Vol.2, 047 (2007). http://www.jspfor.jp/PFR/)

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