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SMP045-10

Room:301B

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Neutron powder diffraction at high pressure using compact opposed anvil cell

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Current status of technical developments for time-of-flight powder neutron diffraction at high pressure using compact opposed anvil cells were reported [1,2]. We conducted the diffraction experiments at J-PARC MLF BL19 "TAKUMI". Neutron diffraction patterns up to 8 GPa has been successfully obtained using the compact cell.

References: [1] T. Okuchi et al., J. Phys. Conf. Ser., 215 (2010) 012188; [2] T. Okuchi et al., Rev. High Press. Sci. Tech., 20, 175-178, 2010.

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