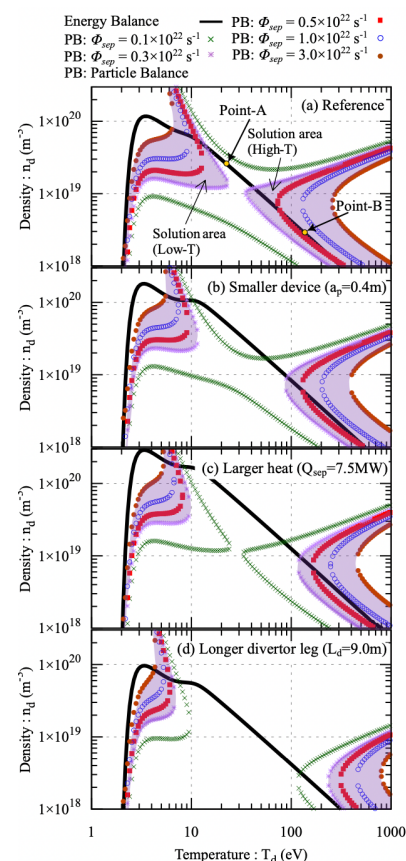


Prologue .....	YOSHIDA Zensho	1
Lecture Note		
Changes in Material Properties and Hydrogen Isotope Behavior of Tungsten under Neutron Irradiation		
1. Neutron Energy Spectrum of Fusion Reactor and Neutron Irradiation Experiments in Fission Reactors .....	HASEGAWA Akira	3
Contributed Papers		
Application of Plasma Simulation to Modeling of Carrier Development		
–Modeling based on Traditional Ideas– .....	SASAKI Akira	10
PFR List .....		19
Information .....		20
Announcement .....		28



## Cover

JT-60U divertor plasma statuses obtained from a Core-SOL-Divertor (CSD) model sampling a fusion device with three points. The particle balance gives shaded solution areas. The energy balance curve in the areas indicates divertor plasma statuses that have two solutions at low and high temperatures. Although both solutions are maintained for (b) a reduced minor radius or (c) increased fusion power as well as (a) Reference, (d) the extension of the divertor leg length brings the divertor to low temperatures (high temperature solutions disappear).

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