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Calculation of runaway current dependence on the electron temperature (T_e) and the impurity density (n_Z) for (a) Beryllium, (b) Carbon, and (c) Argon. Because the plasma parameter after thermal quench is characterized by the power balance between the radiation loss P_{rad} and the ohmic heating power P_{oh} (indicated by the white curve in each figure), the radiation characteristics between low-Z and noble gas species dominate the accessibility to low T_e roots where the production of MA-order runaway currents is expected due to the avalanche mechanism. (Akinobu MATSUYAMA and Masatoshi YAGI, Plasma and Fusion Research, Vol.12, 1403032 (2017) <http://www.jspf.or.jp/>)



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