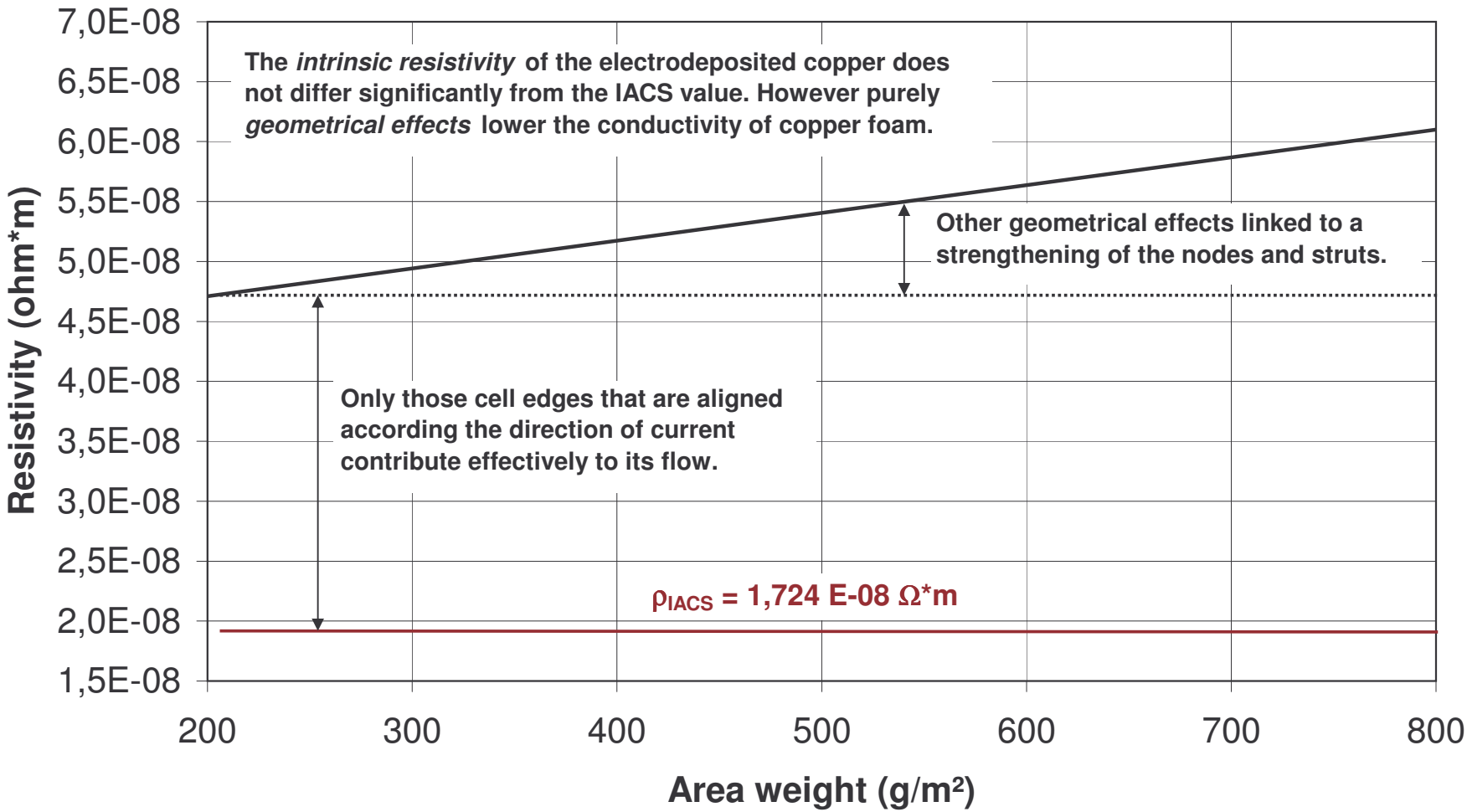Resistivity of 90 PPI copper foam