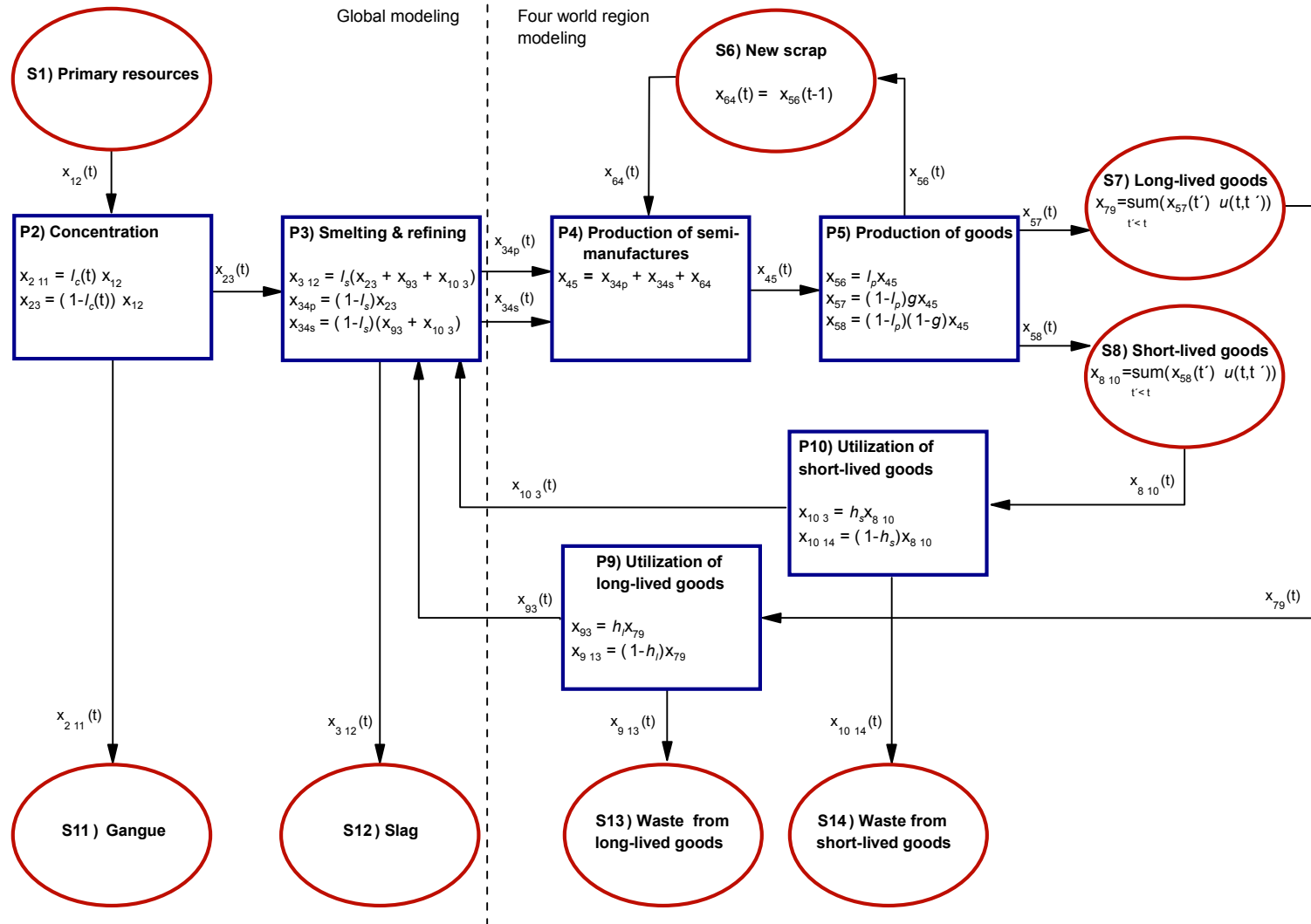


Figure B1 (2:20): Model of the global copper system



**Figure B2: Recovery of copper in new and old scrap in OECD90, 1958–1997;
scrap as a percentage of consumption**

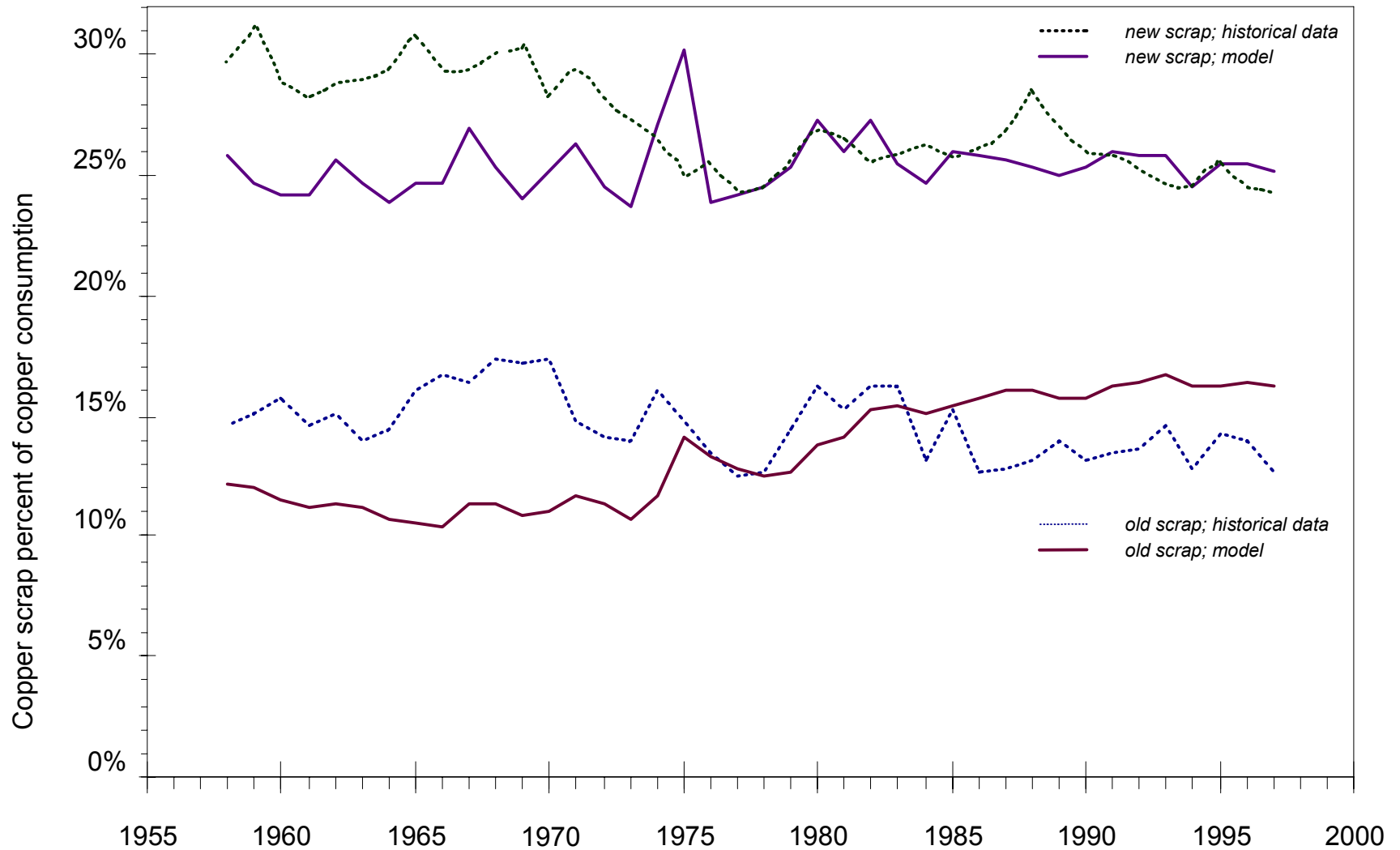


Figure B3: Recovery of copper in new and old scrap in OECD90, 1958–1997

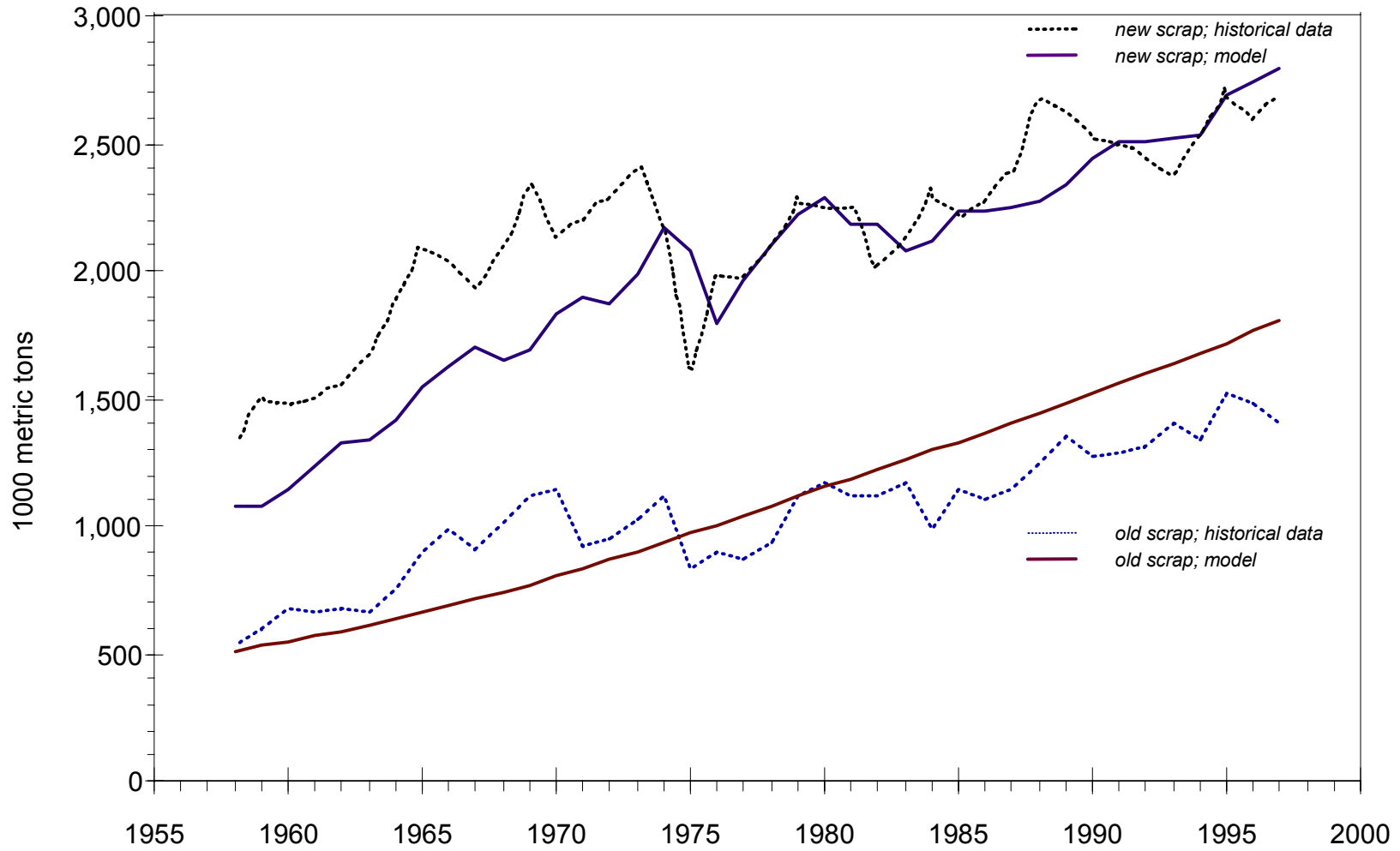
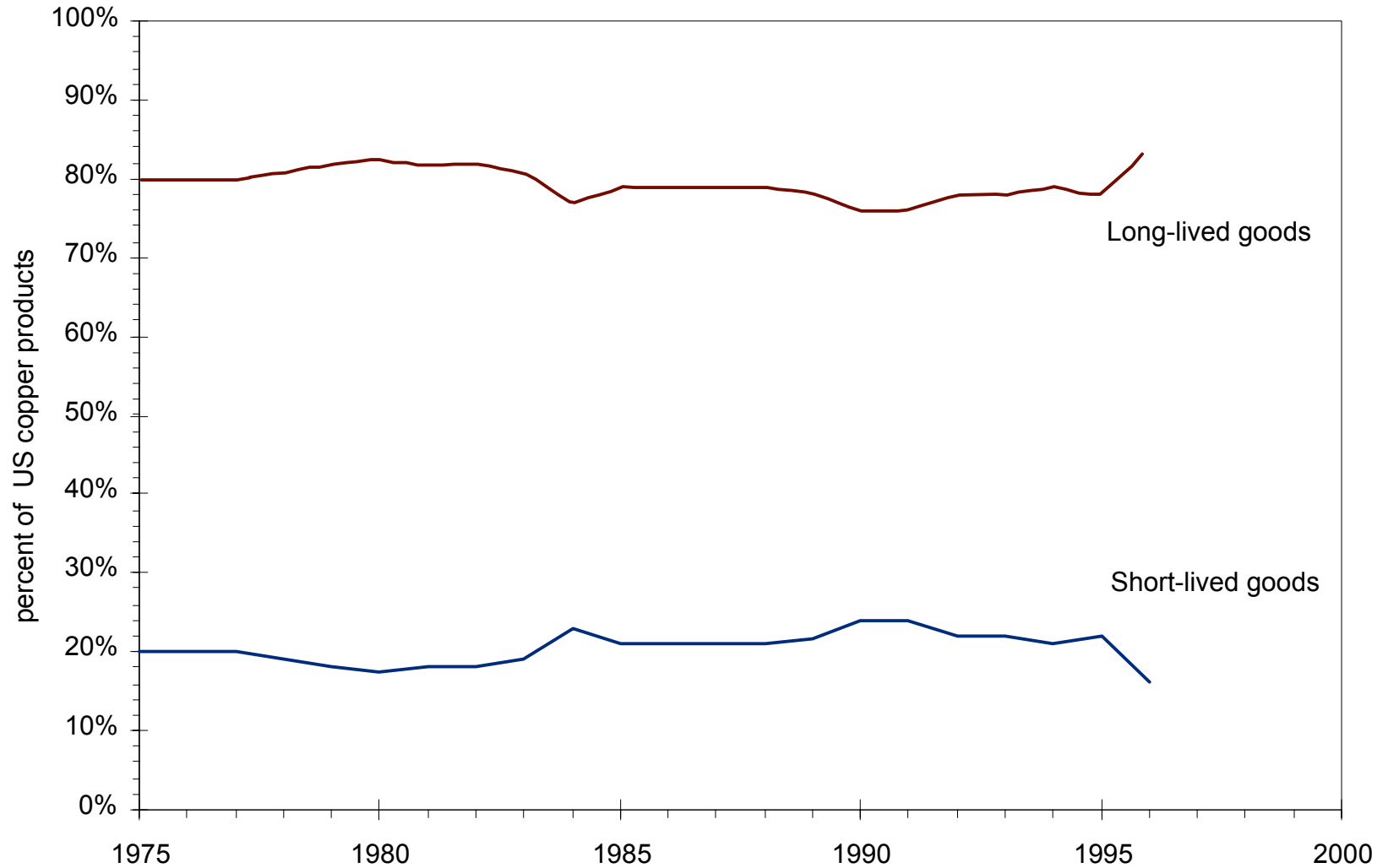


Figure B4: US production of long- and short- lived copper products; 1975 - 1996



*Long-lived products: building/construction, electric/electronic, industrial machinery/equipment.
Short-lived products: transportation equipment, consumer products*

Figure B5: Global smelter production of copper from ore; 1900-1998

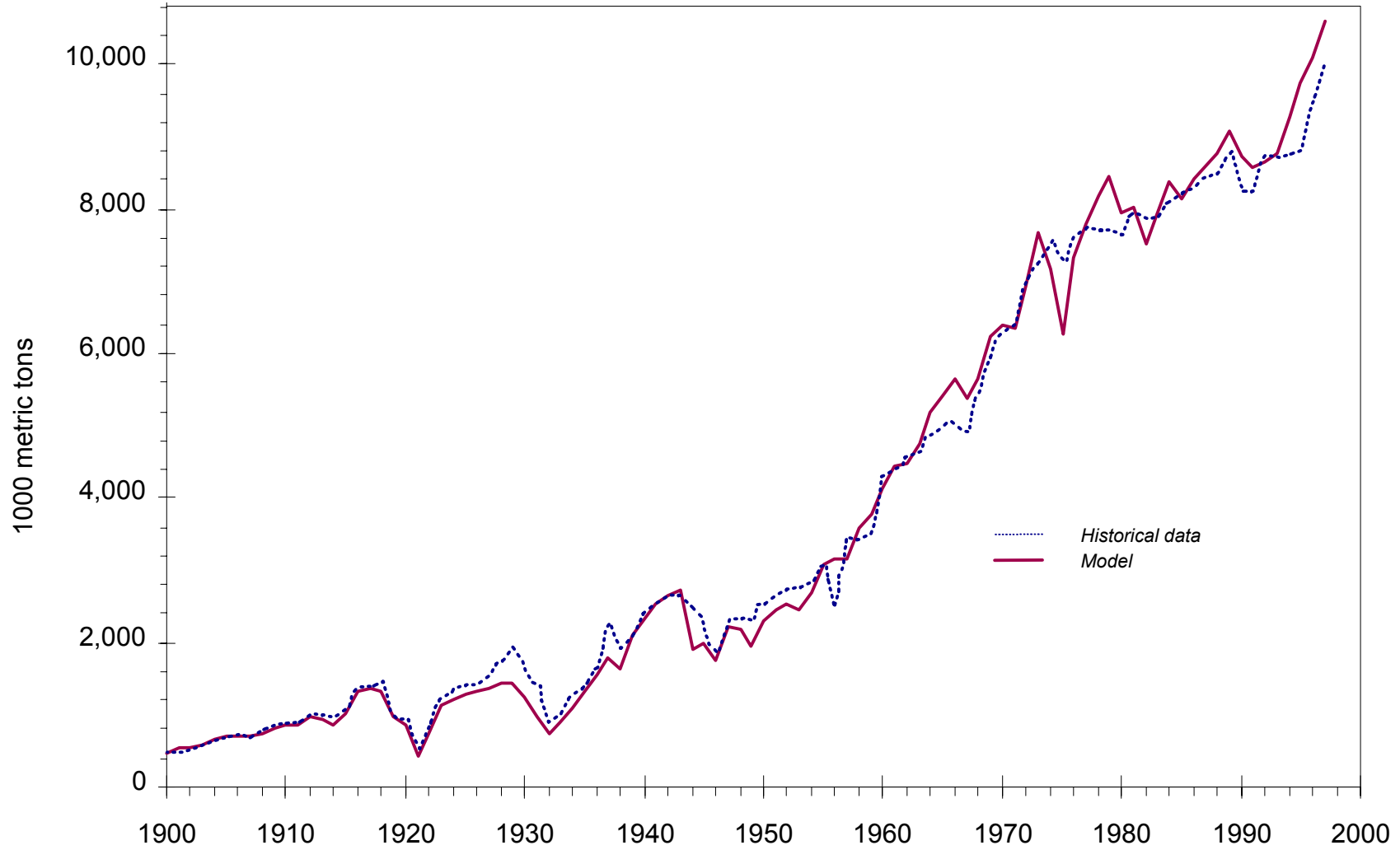


Figure B6: Cumulative global smelter production of copper from ore; 1900-1998

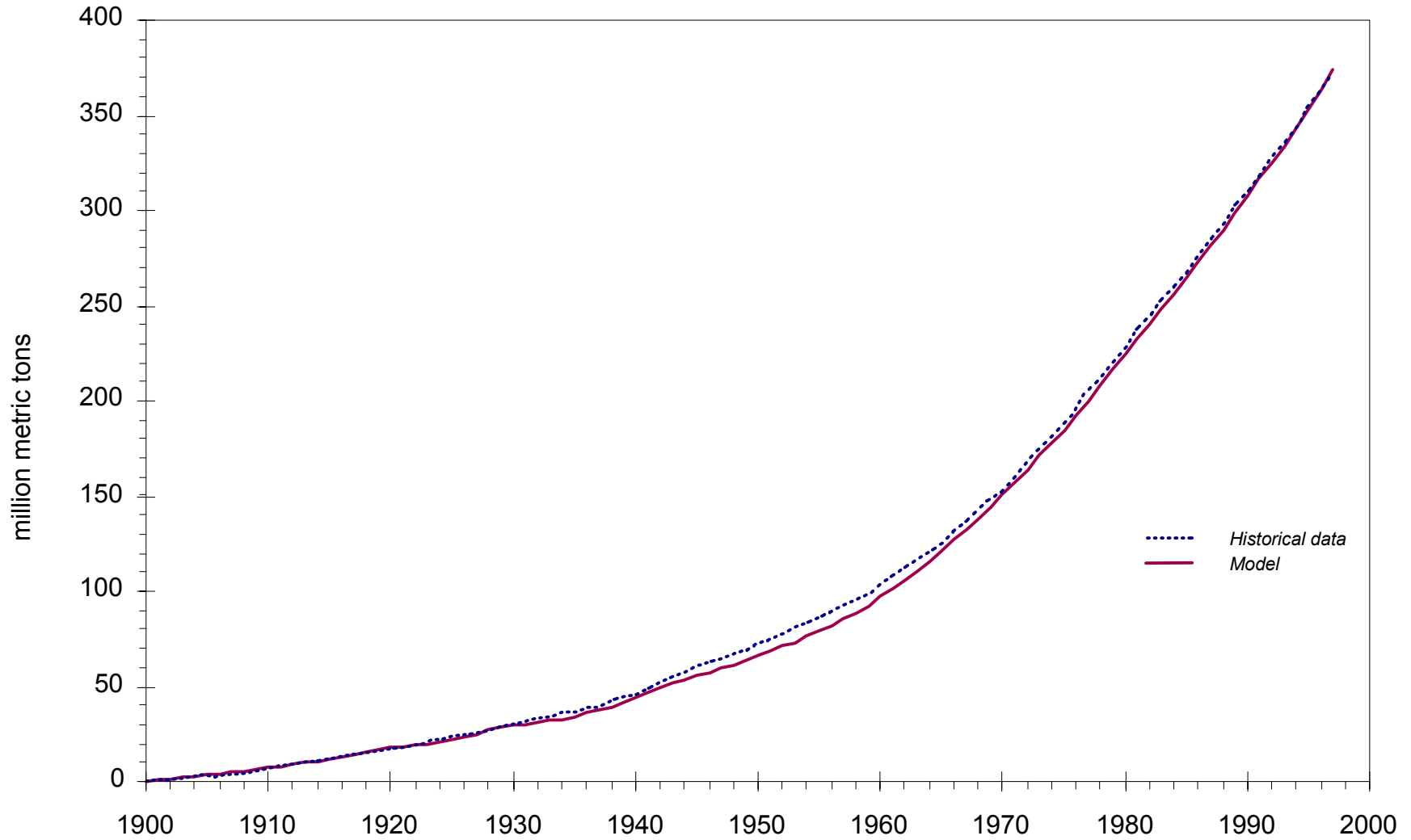


Figure B7 (2.19): Historical and modeled Intensity of Use (consumption of refined copper) as a function of GDP/capita in 1960-1997

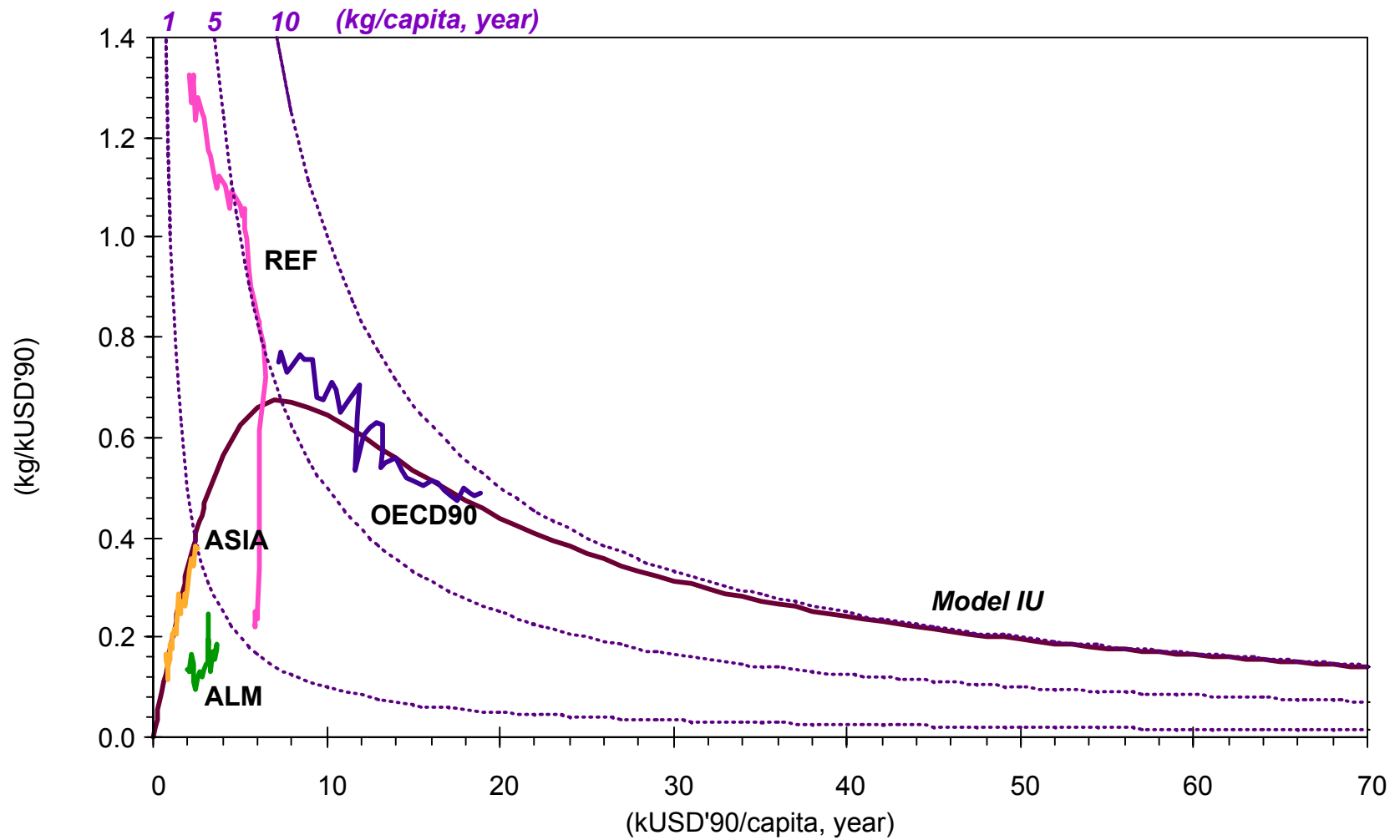


Figure B8. IPCC scenario B1 and B2 of population and GDP/capita in 1990–2100.

Historical data in 1960–90. GDP in PPP

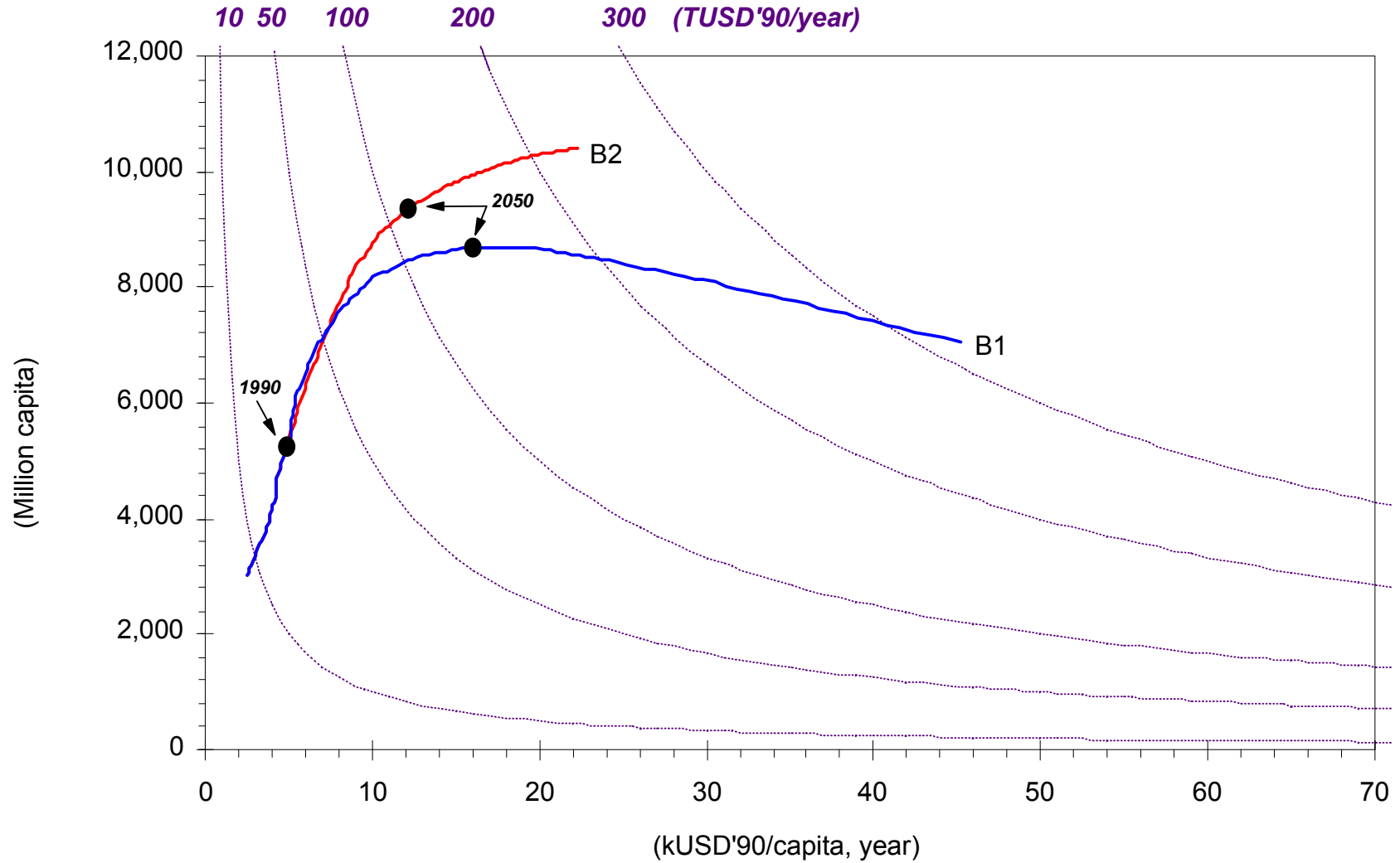


Figure B9: IPCCscenario B1 of population and GDP/capita in 1990–2100.
Historical data in 1960–90. GDP in PPP

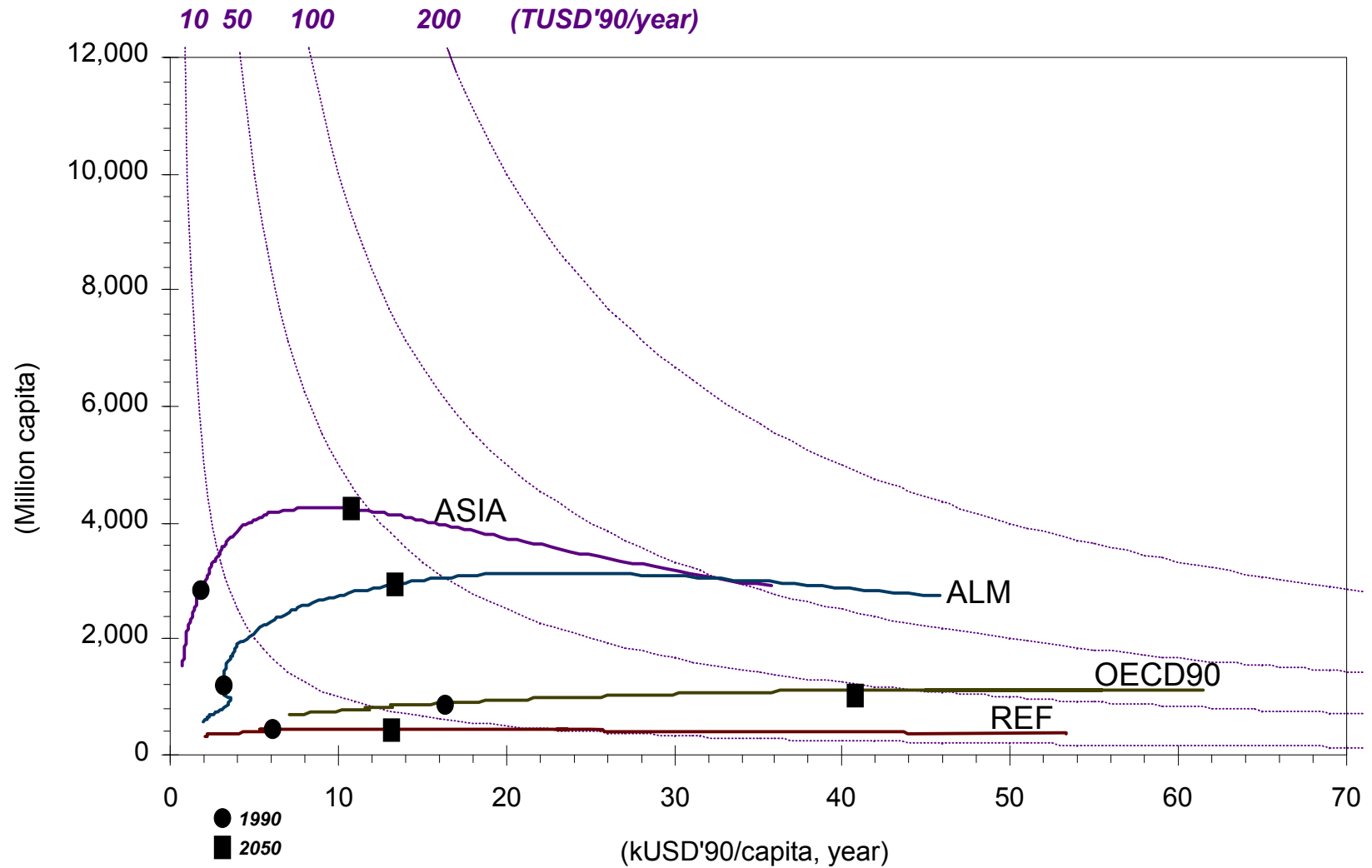


Figure B10. IPCC scenario B2 of population and GDP/capita in 1990–2100.
Historical data in 1960–90. GDP in PPP

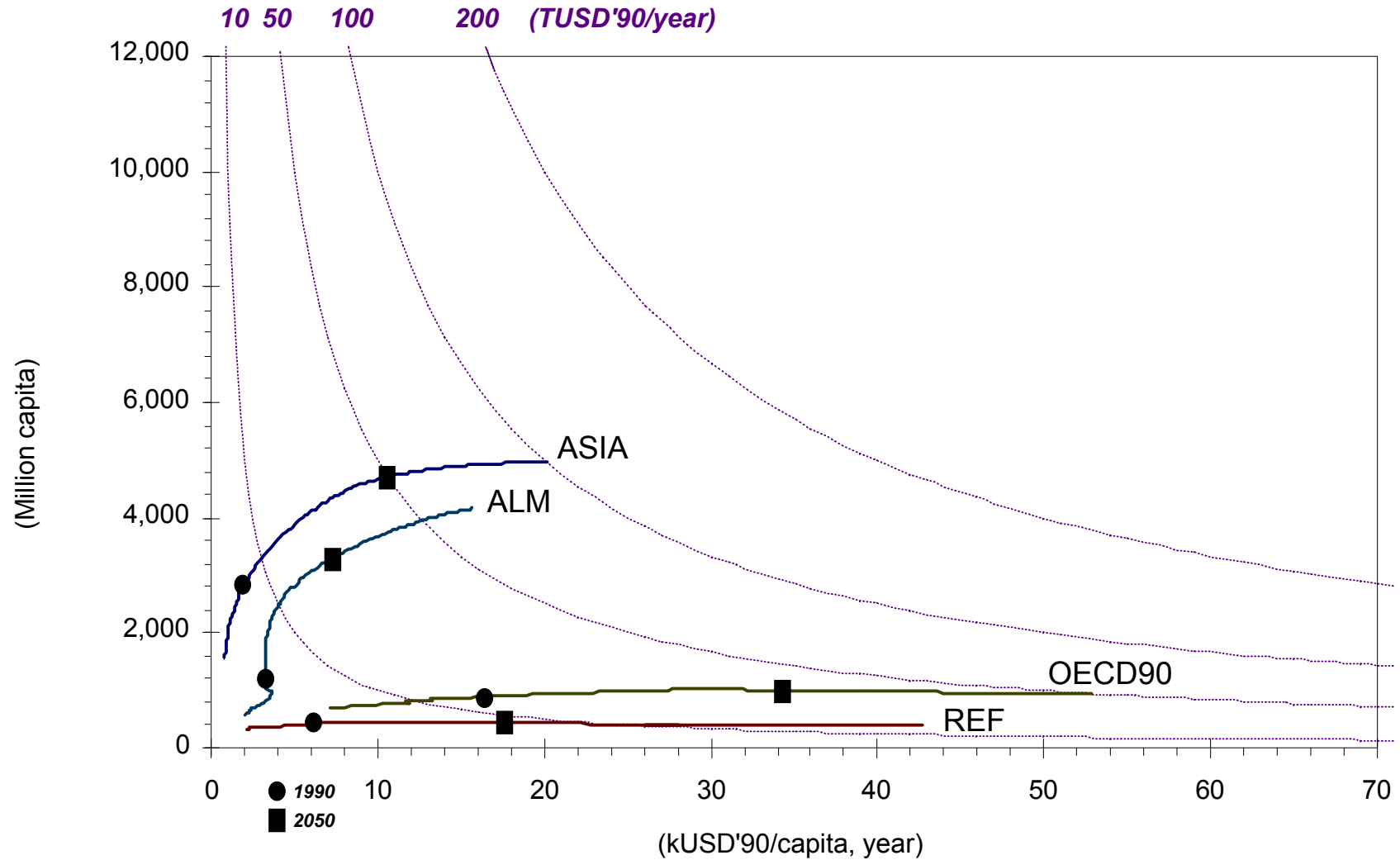


Figure B11 (2.23): Global consumption of refined copper, scenarios 1 through 4

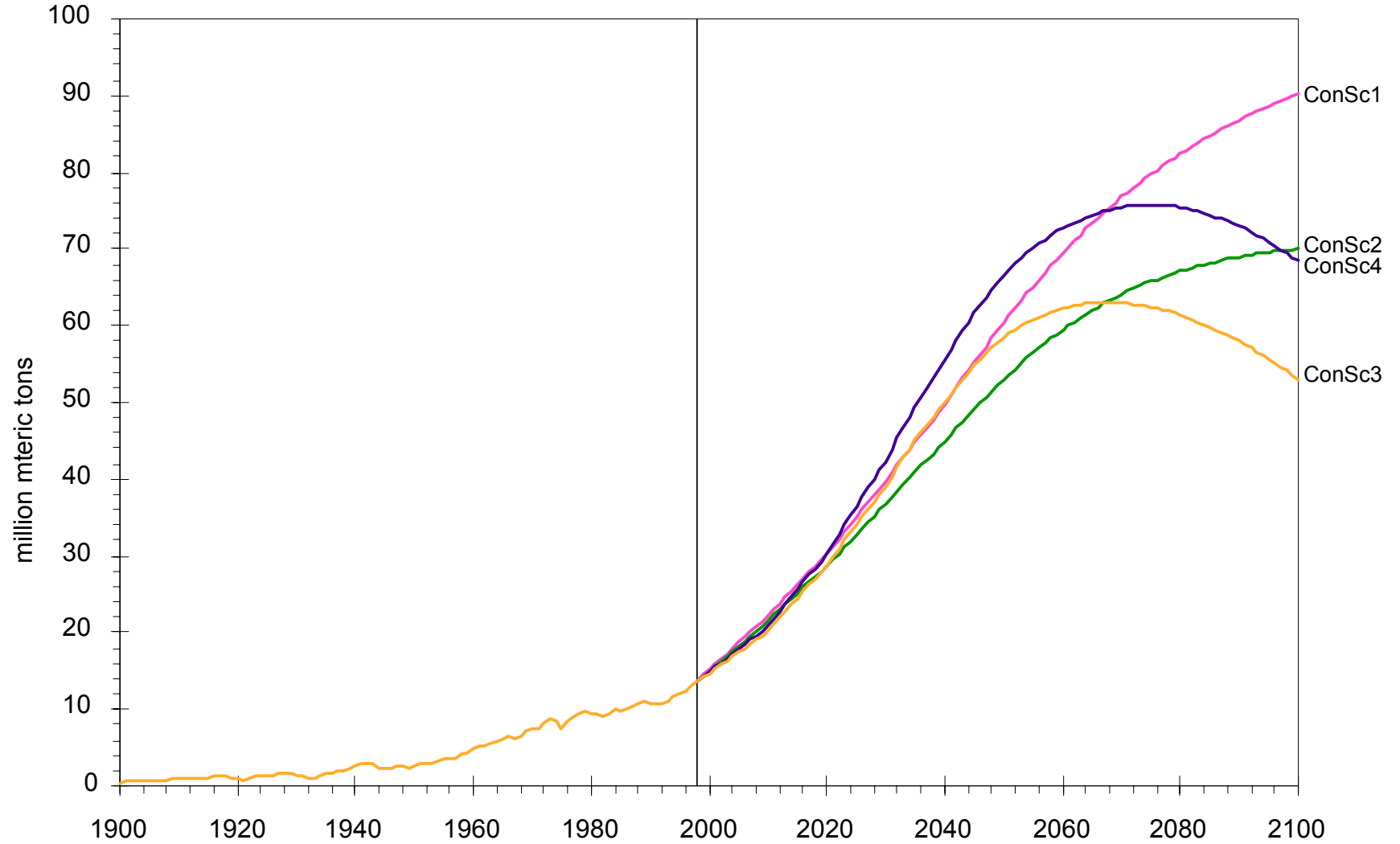


Figure B12(2.24): Regional consumption of refined copper; scenarios 1 and 5

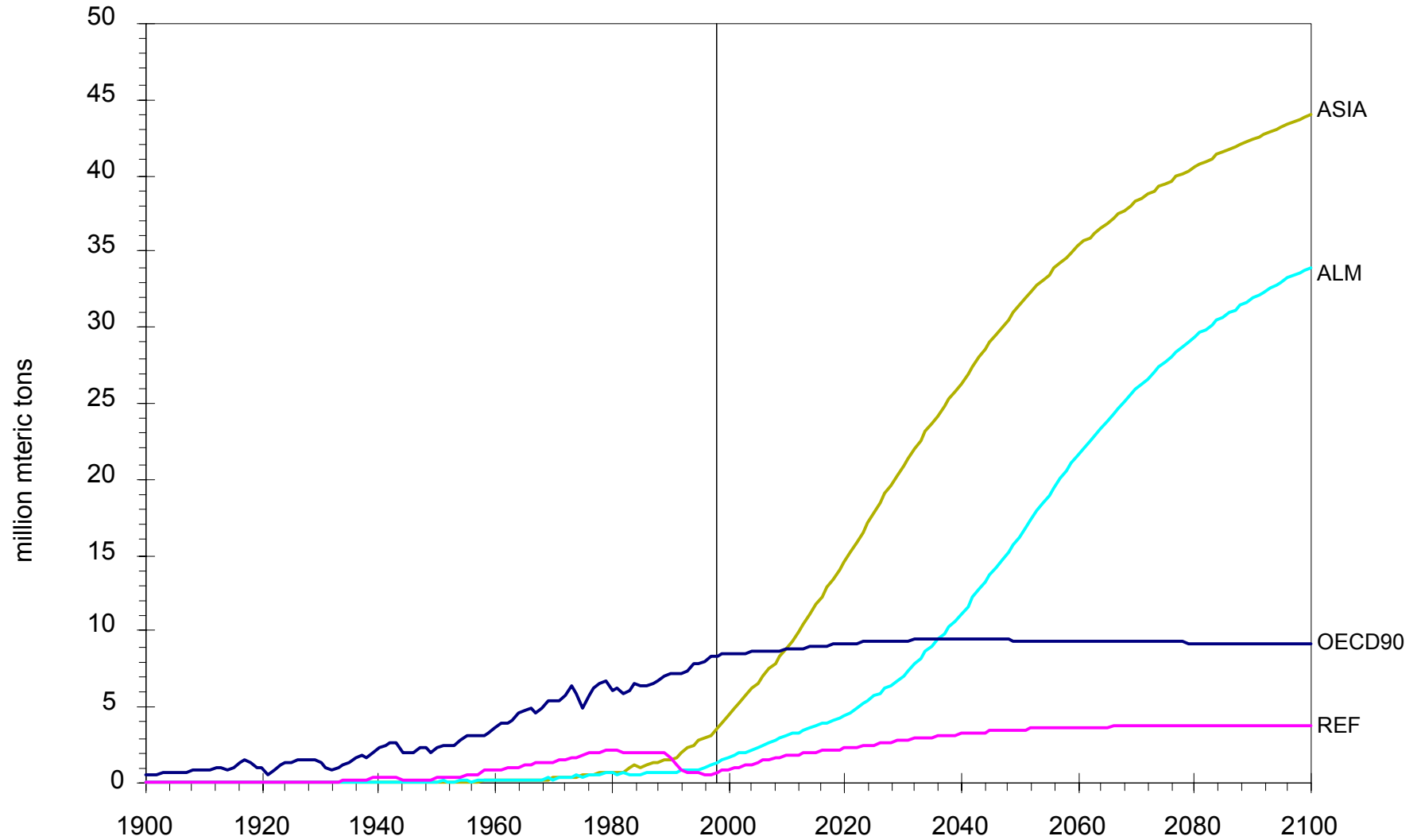


Figure B13 (2.25): Regional consumption of refined copper; scenarios 3 and 7

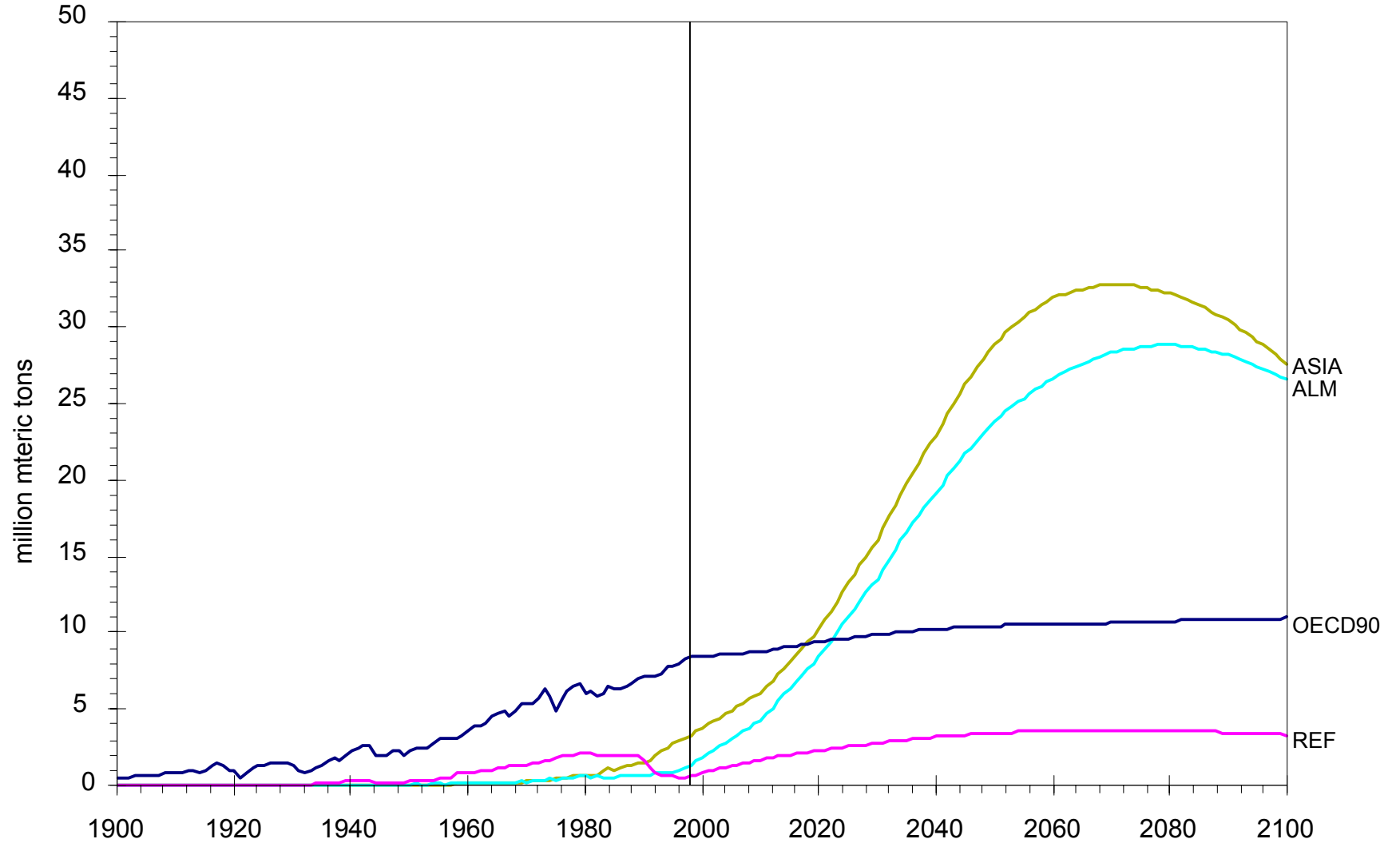


Figure B14 (2.26): Regional consumption of refined copper; scenarios 2 and 6

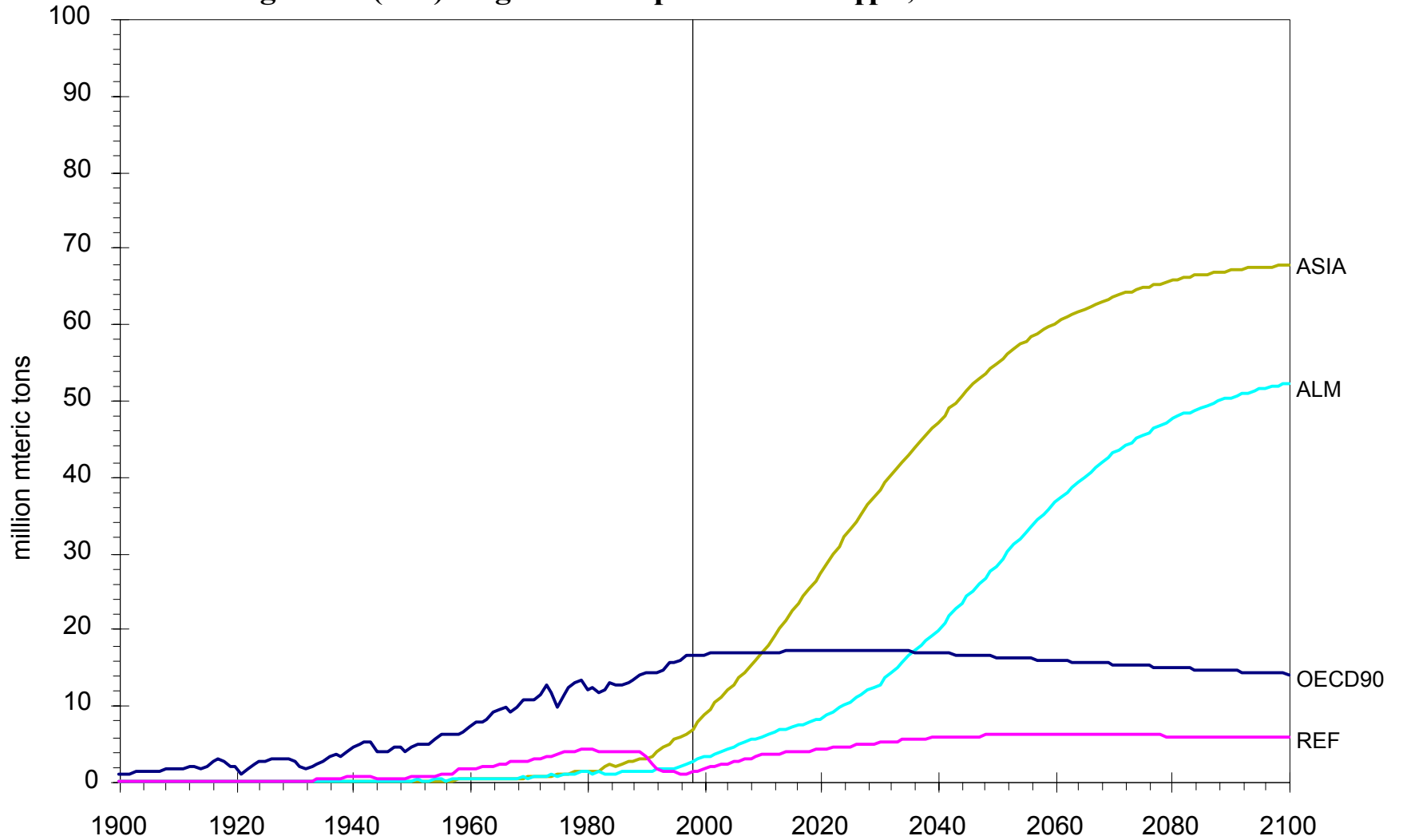


Figure B15 (2.27): Regional consumption of refined copper; scenarios 4 and 8

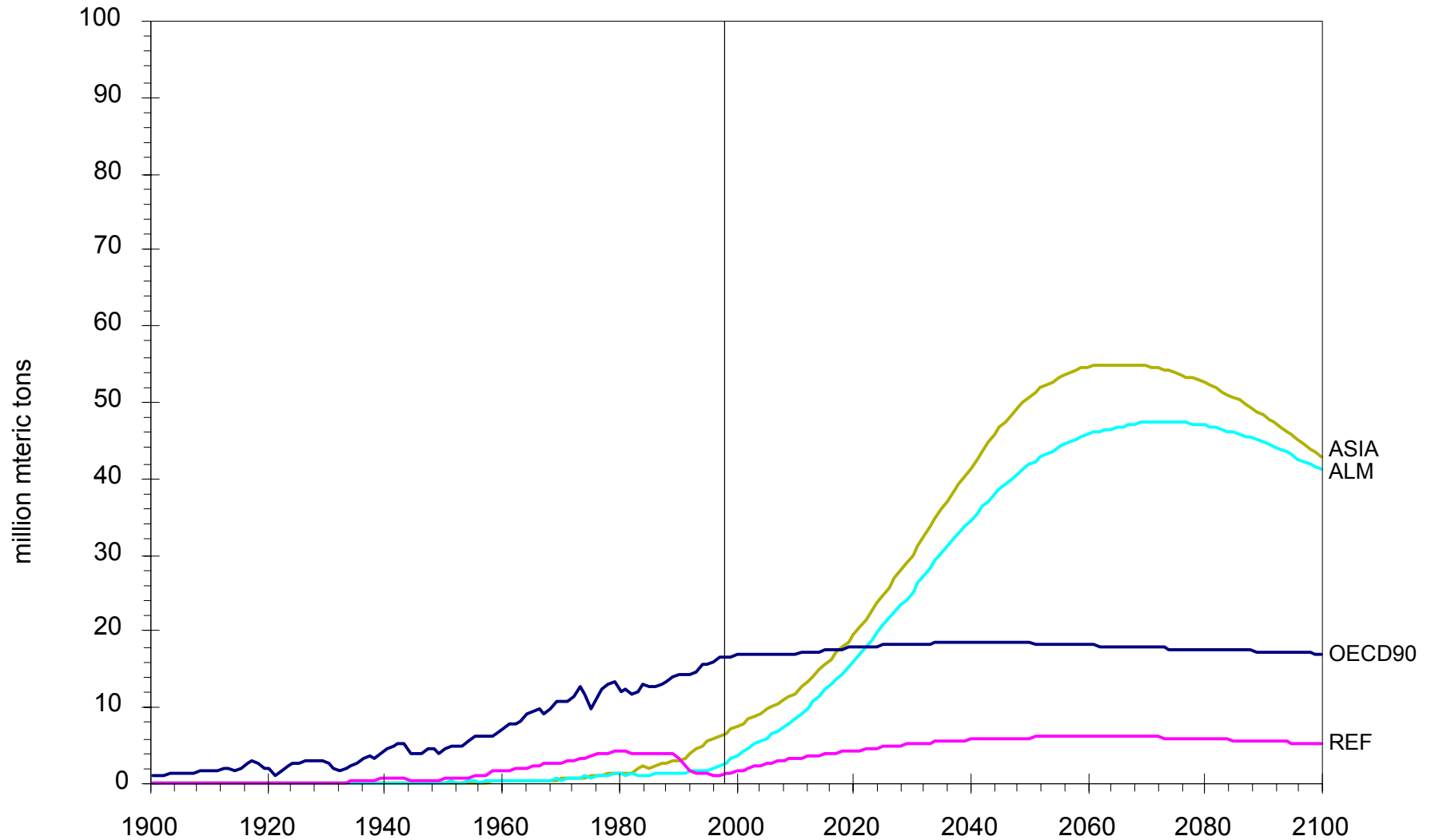


Figure B16: Global per capita consumption of refined copper, ConSc1–ConSc4.

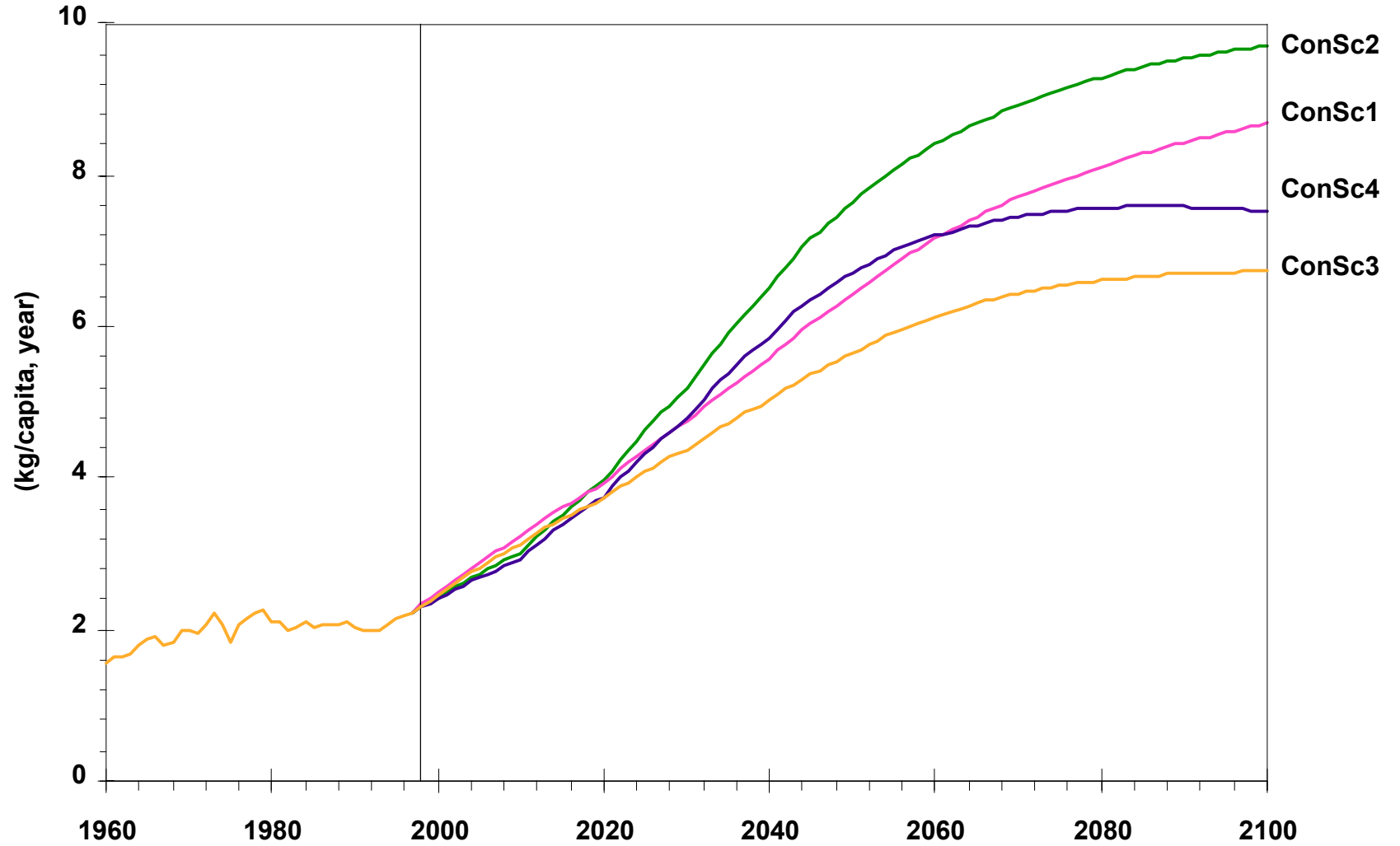


Figure B17: Regional per capita consumption of refined copper with IPCC scenario B2 and high IU, ConSc1. Input to Sc1 and Sc5.

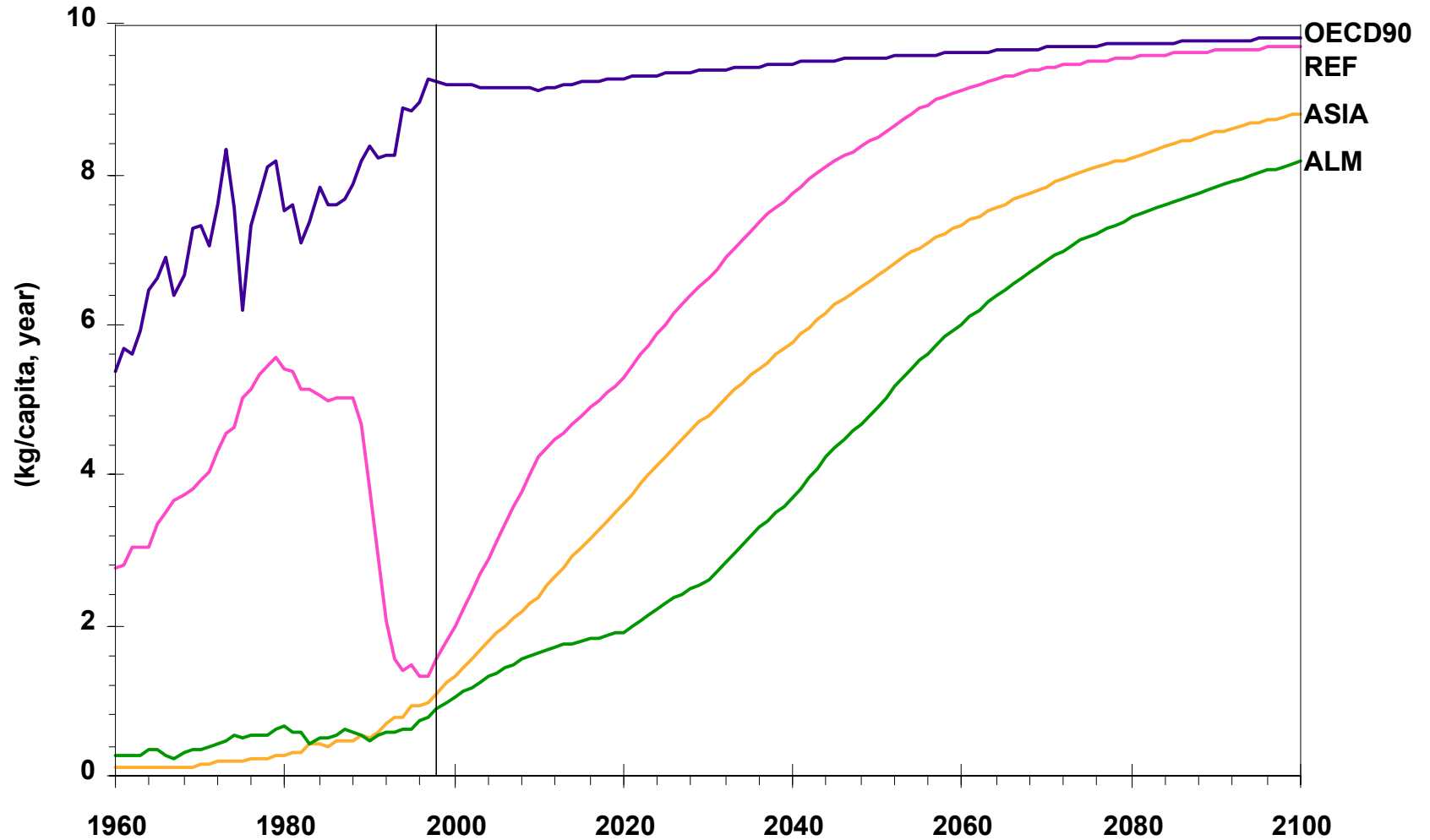


Figure B18: Regional per capita consumption of refined copper with IPCC scenario B1 and high IU, ConSc2. Input to Sc2 and Sc6

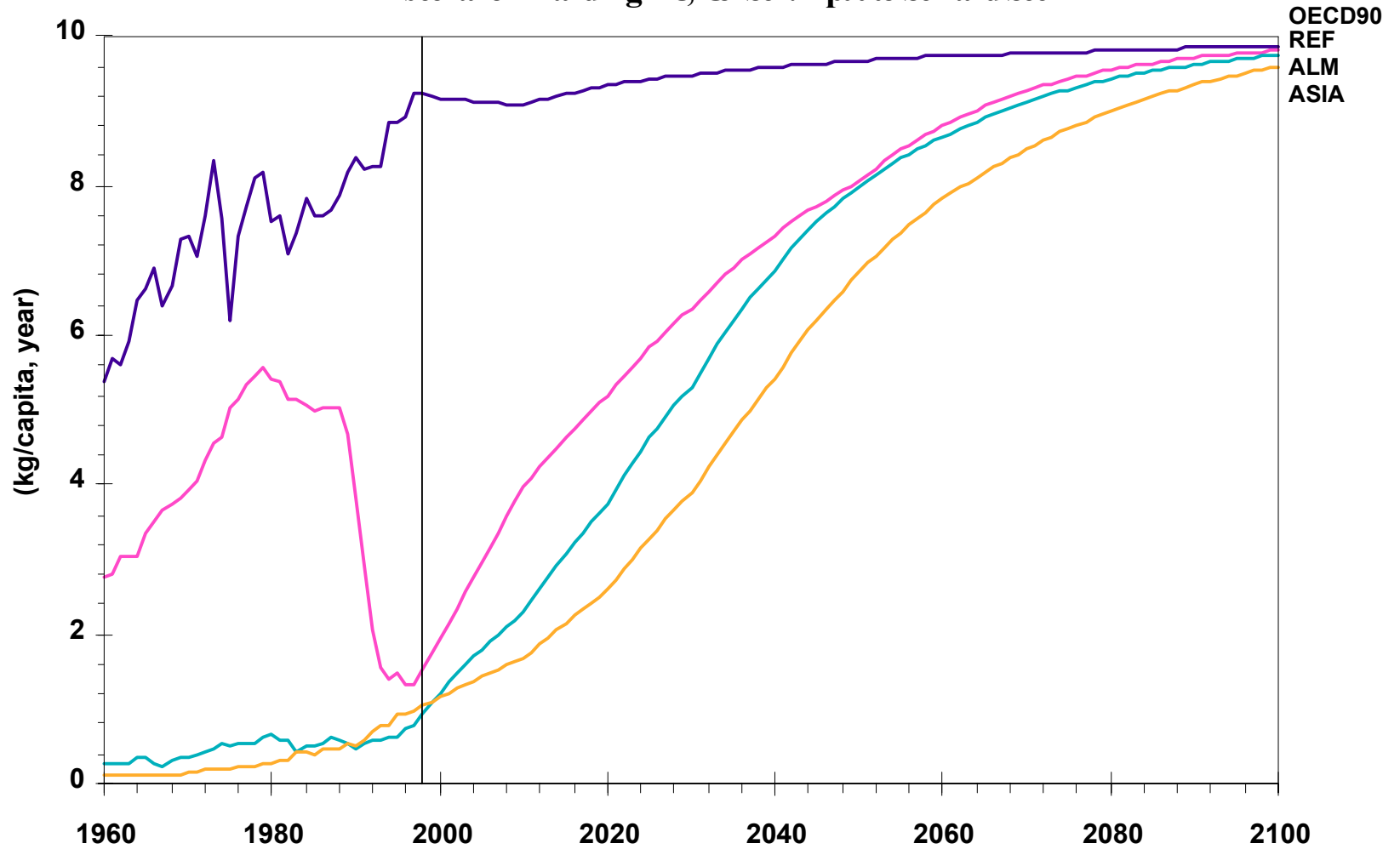


Figure B19: Regional per capita consumption of refined copper with IPCC scenario B2 and lowIU, ConSc3. Input to Sc3 and Sc7

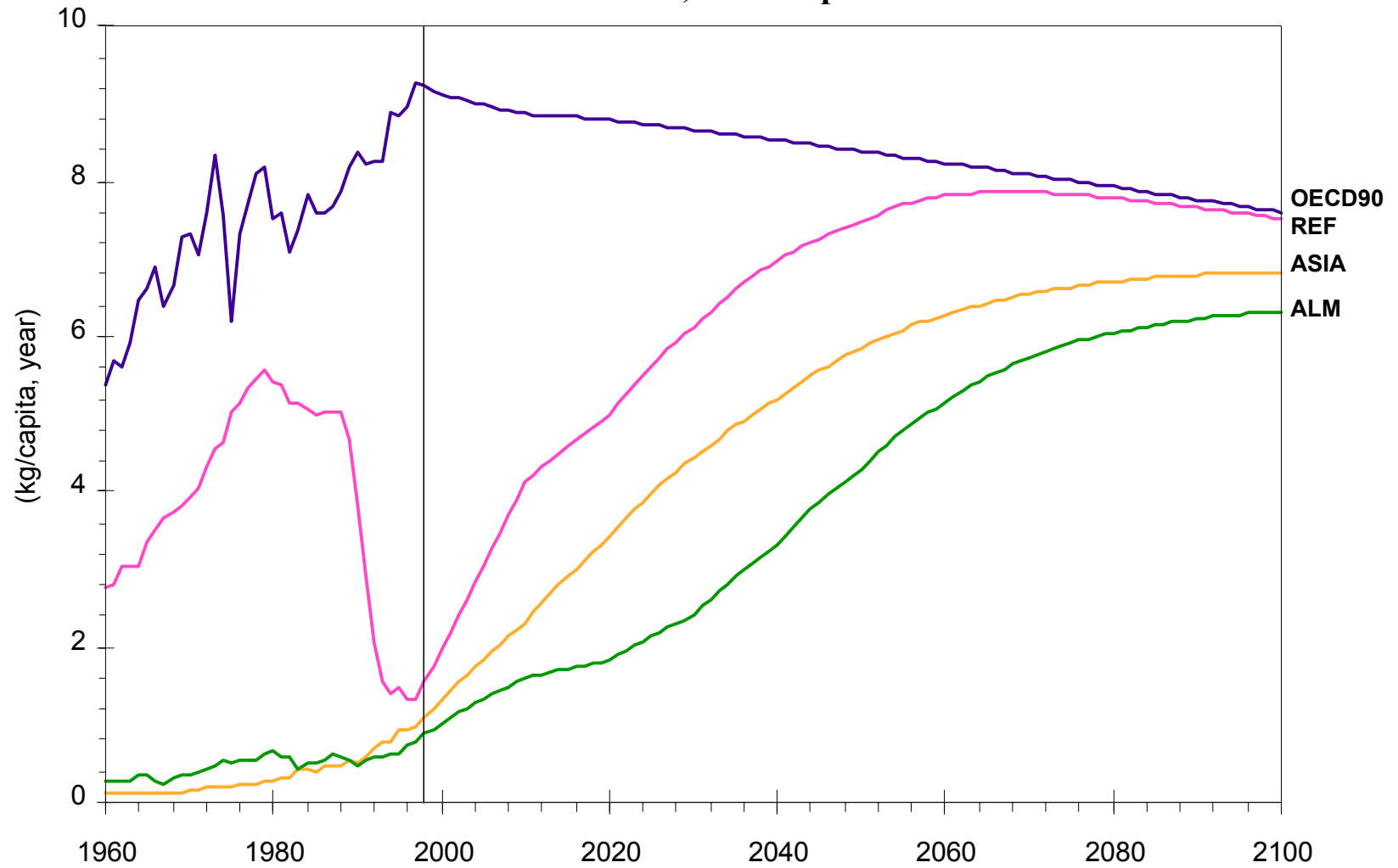


Figure B20: Regional per capita consumption of refined copper with IPCCscenario B1 and lowIU, ConSc4. Input to Sc4 and Sc8.

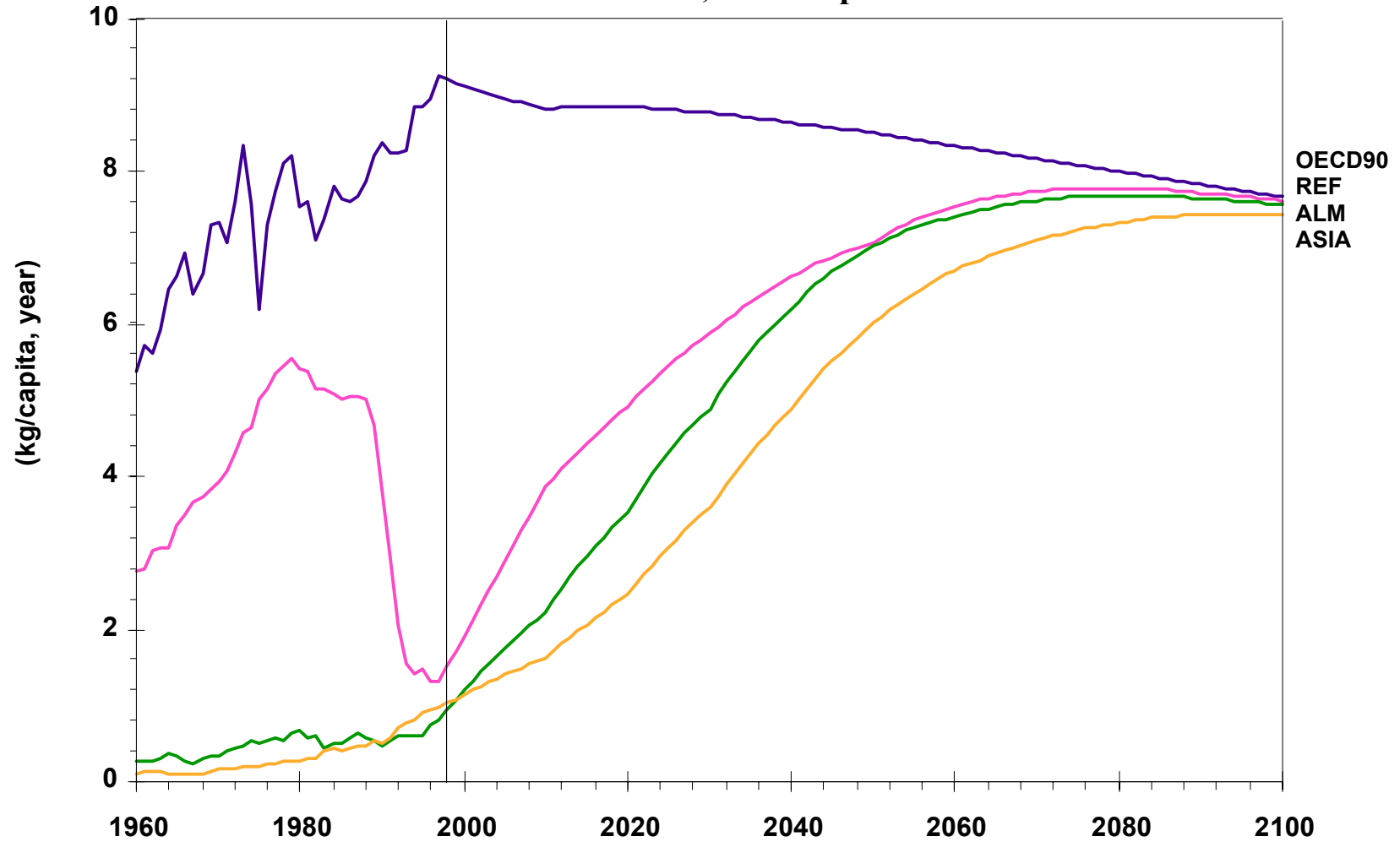


Figure B21(2.28): Global mine production of copper, 1900 - 1998, MMT

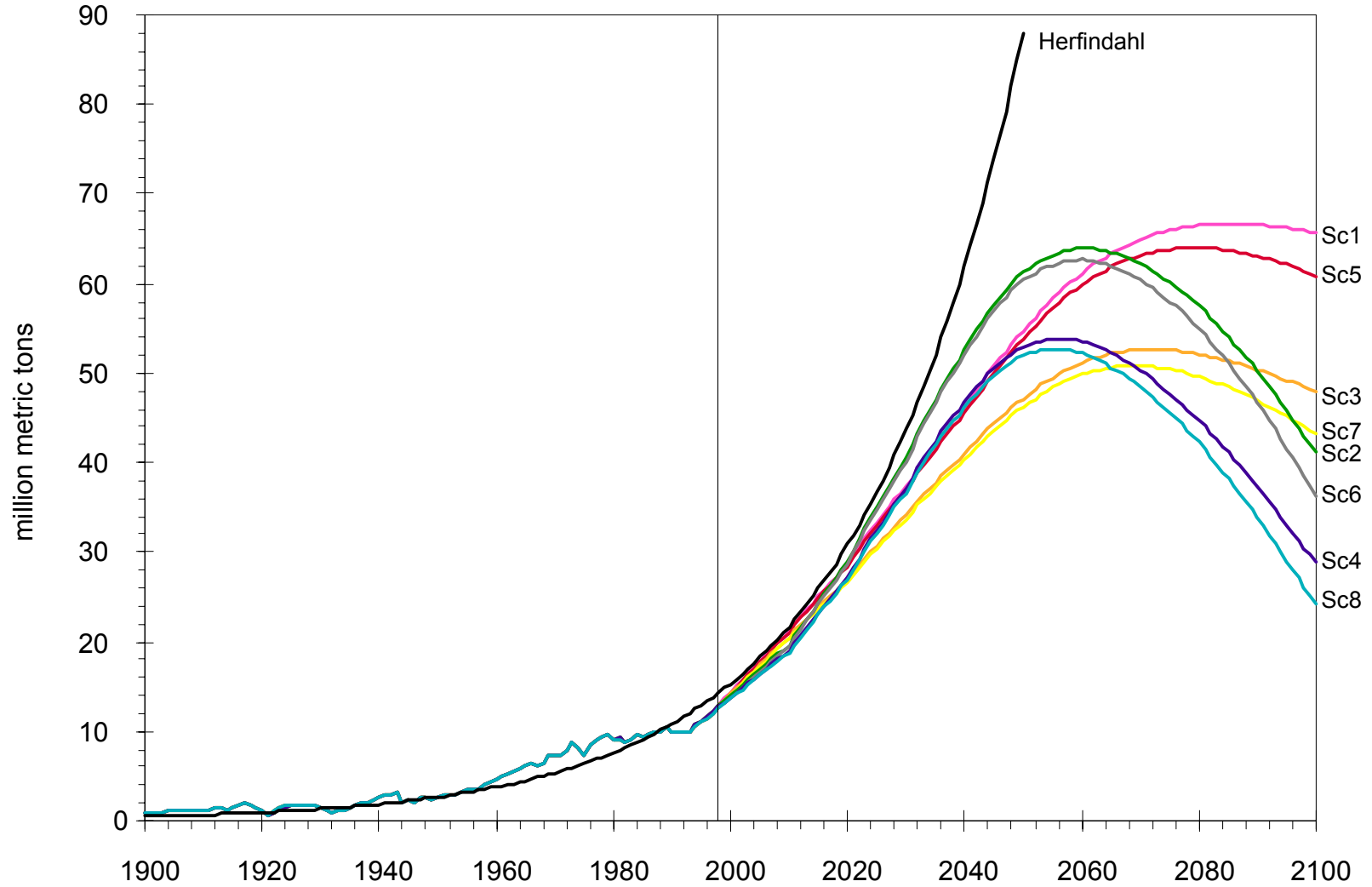


Figure B22: Copper systemscenarios Sc1–8. Global per capita mine production.

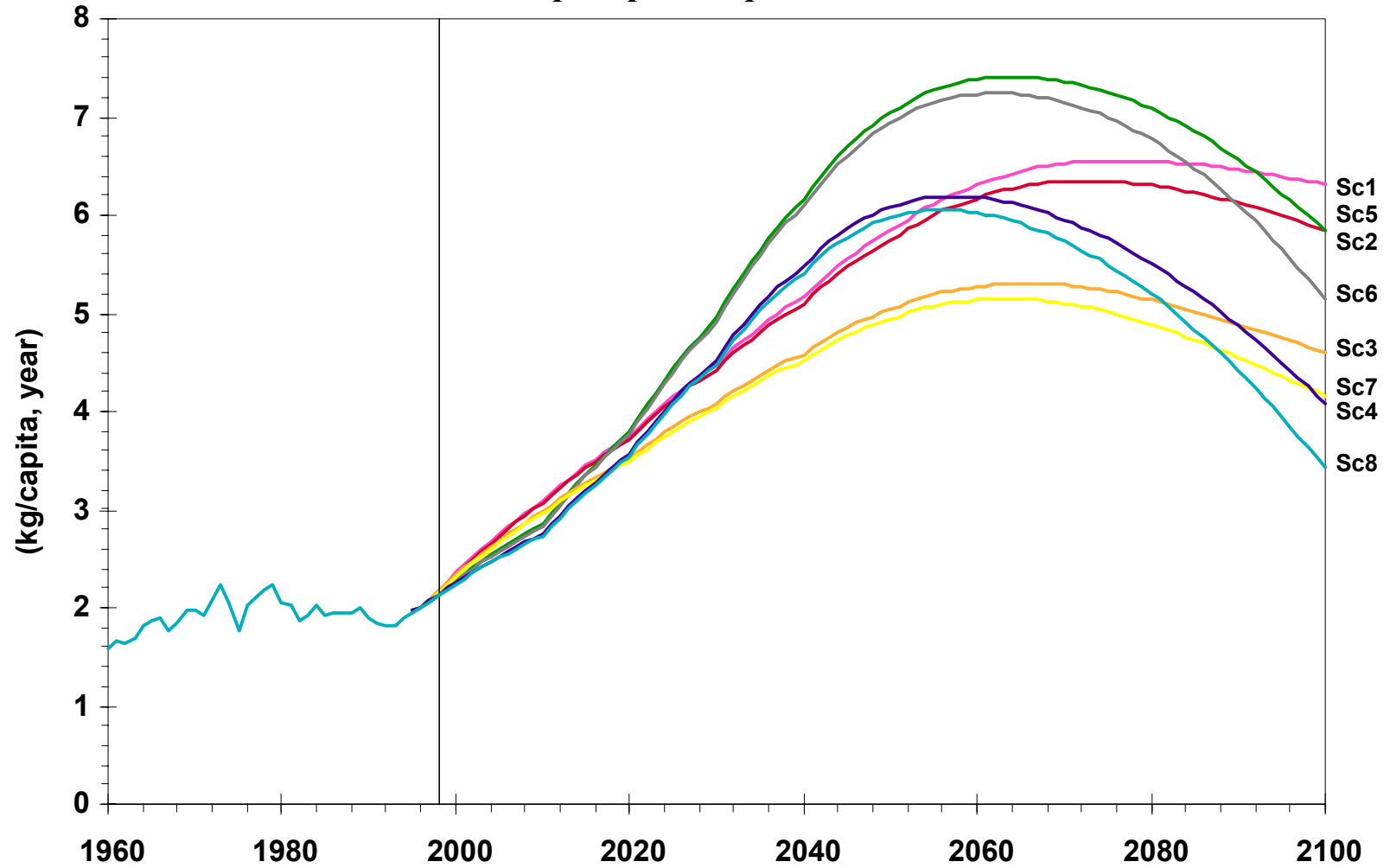
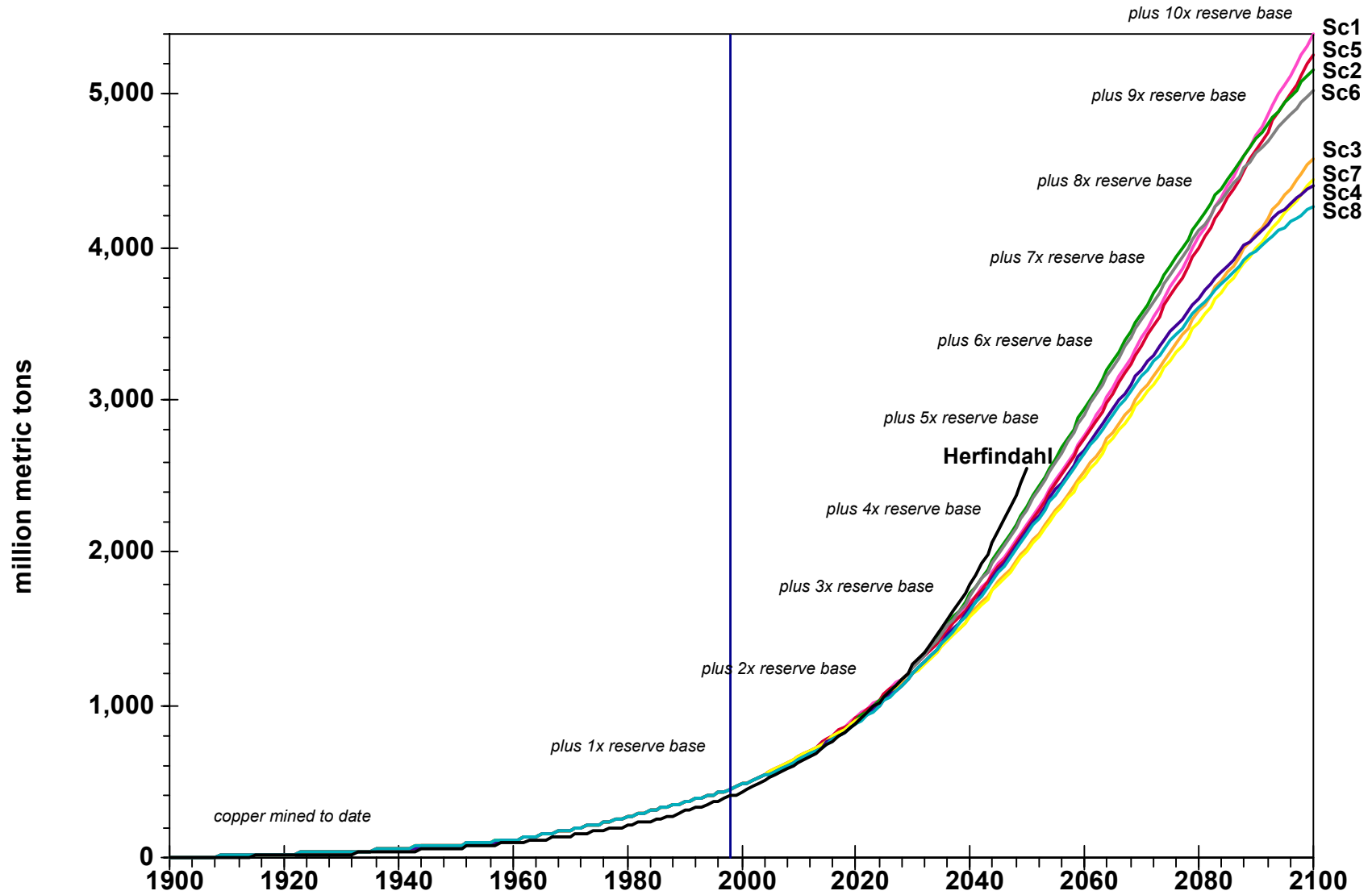


Figure B23(2.29): Cumulative global mine production of copper, 1900 - 1998, MMT



**Figure B24: Comparison of copper system scenarios Sc1–8.
Global cumulative per capita mine production.**

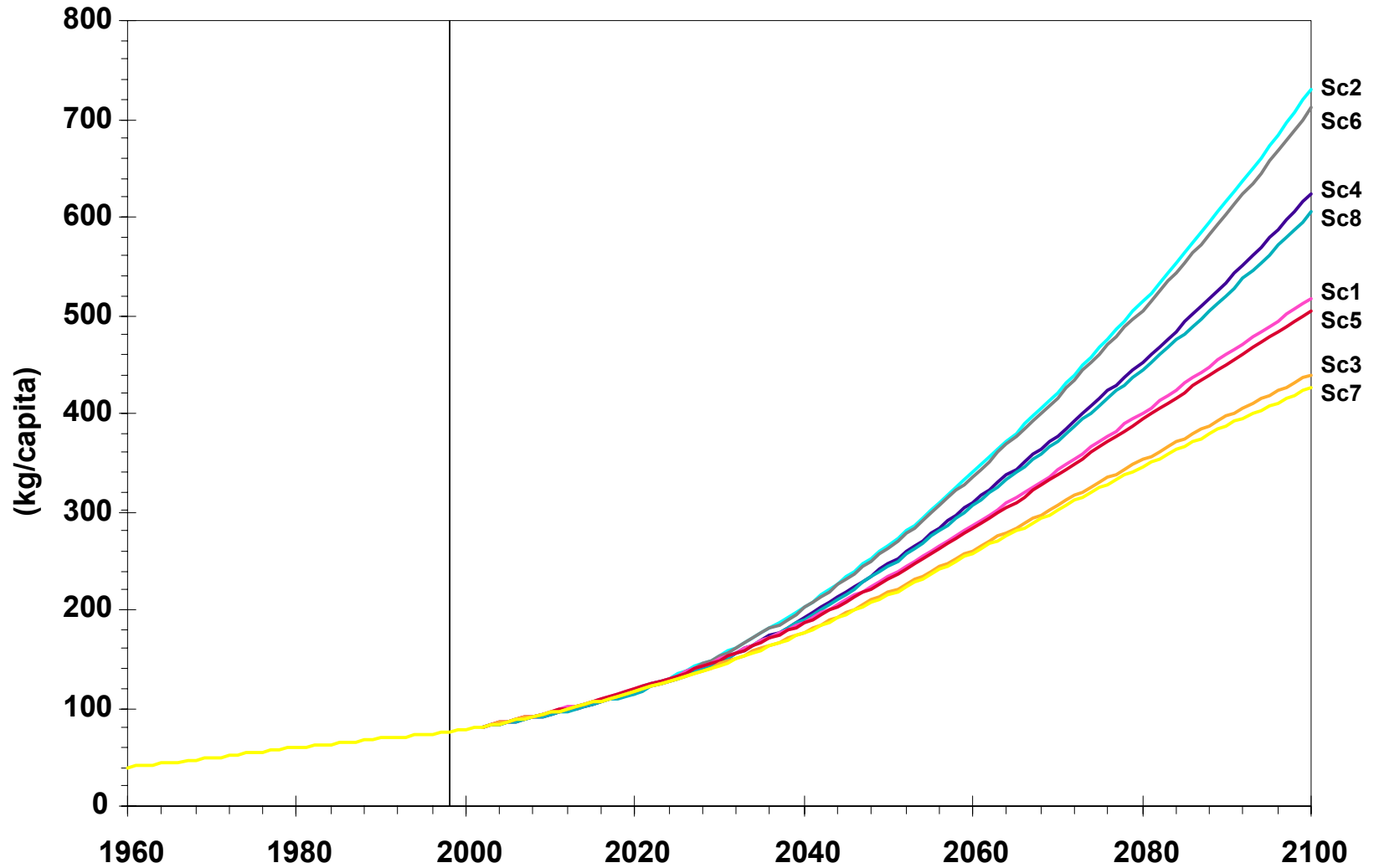
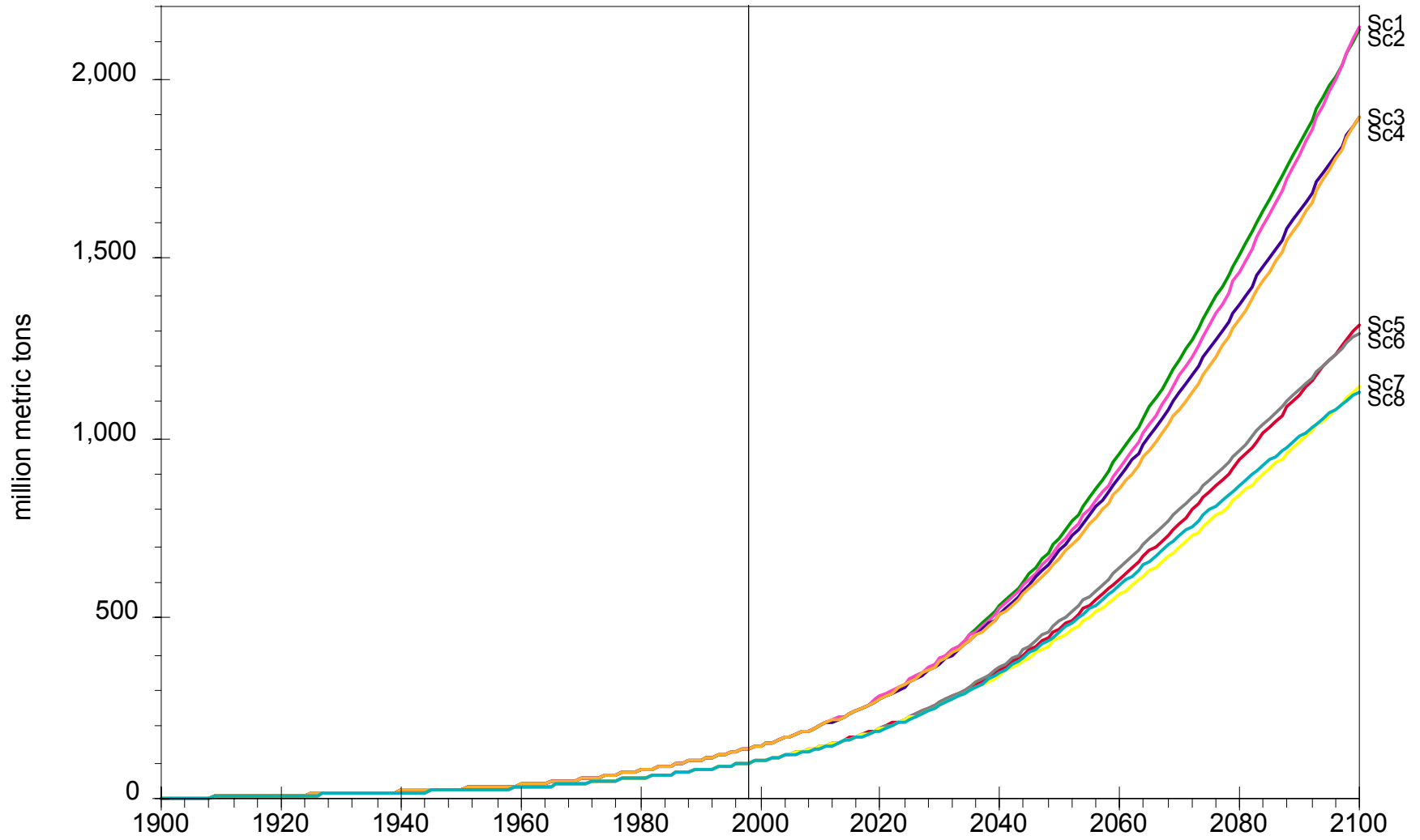


Figure B25 (2.30): Global stock of waste copper, 1900 - 1998, MMt



**Figure B26: Comparison of copper system scenarios Sc1–8.
Global per capita stock of waste.**

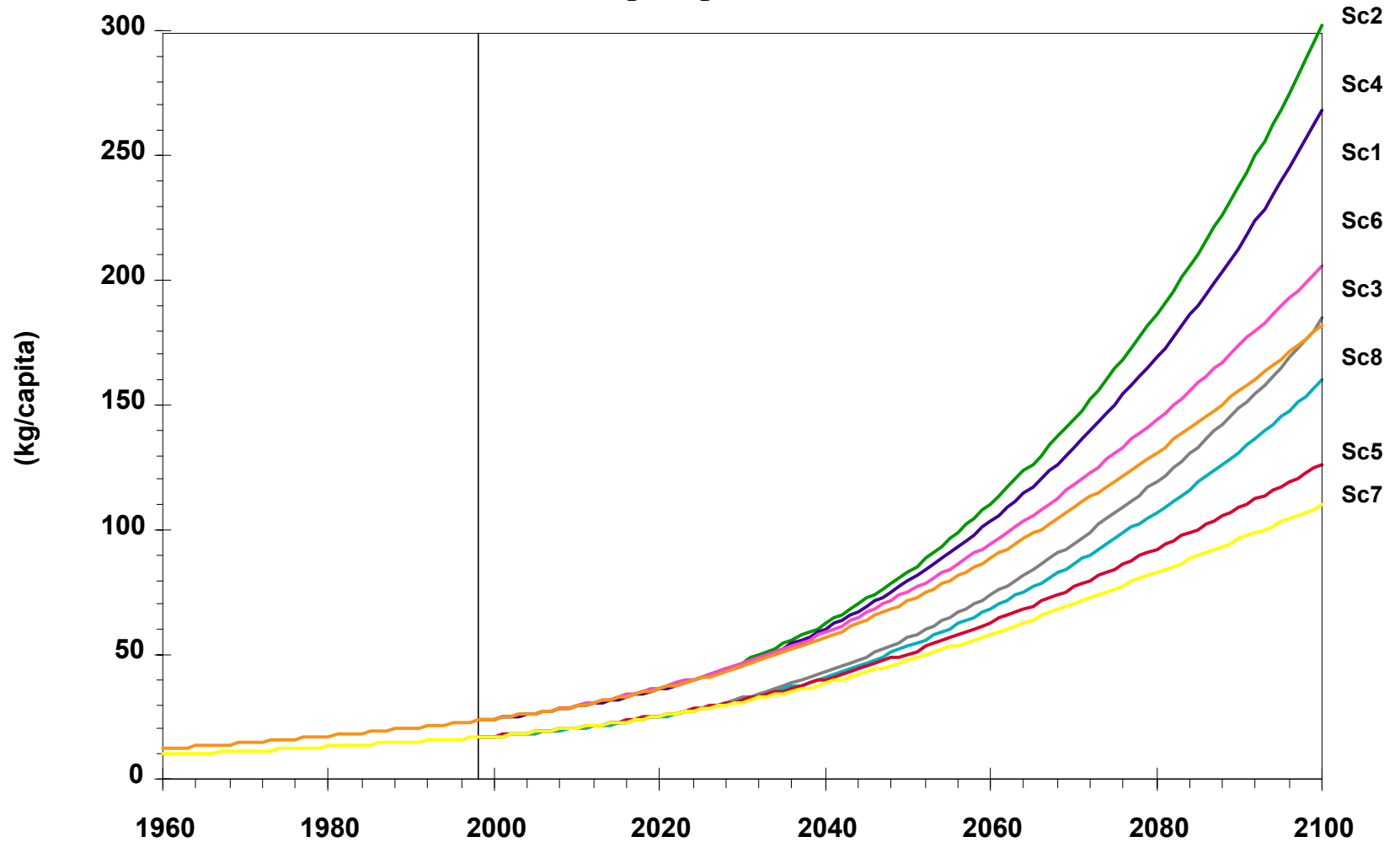


Figure B27 (2.31): Global stock of long-lived copper products, 1900 - 1998, MMT

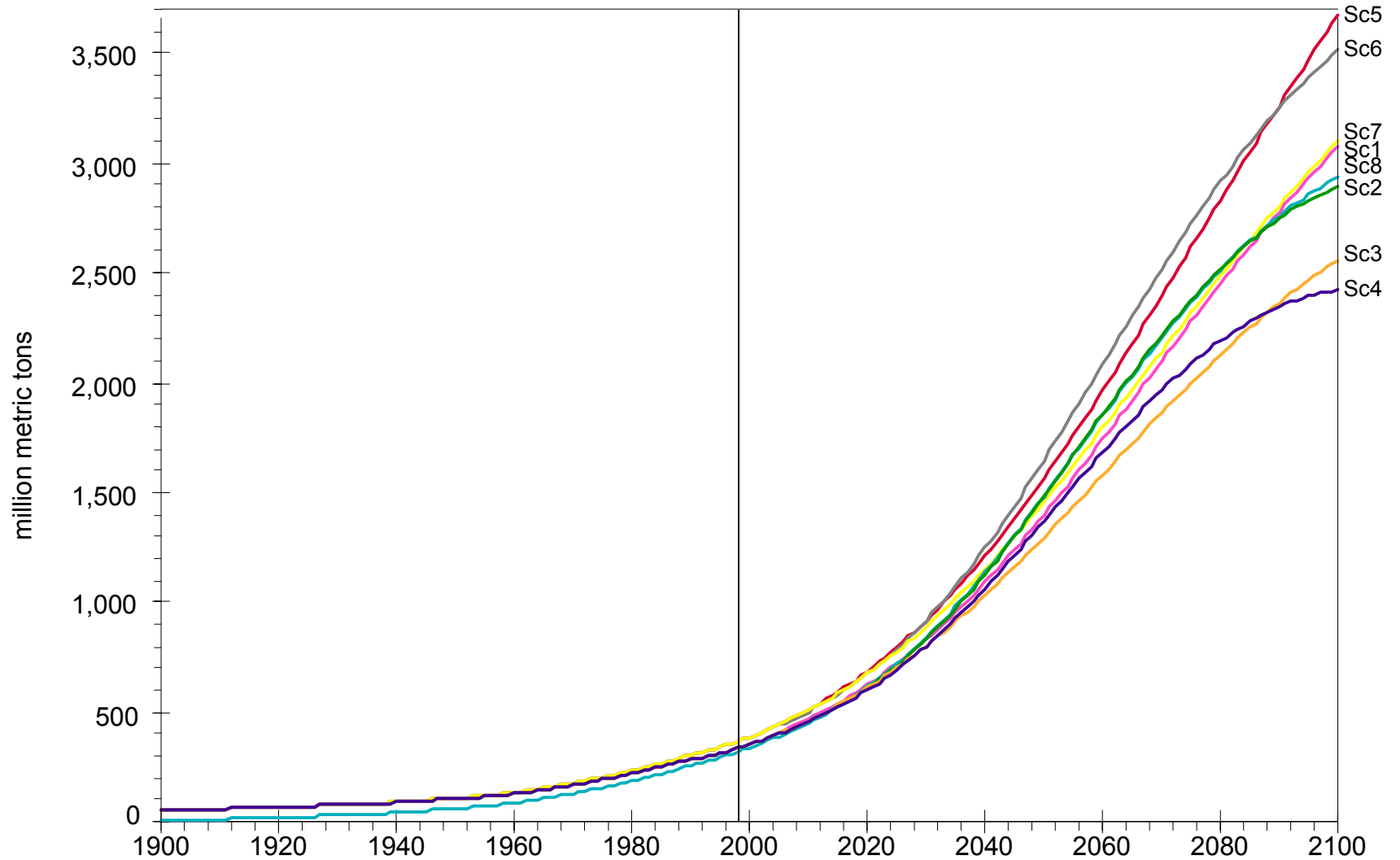


Figure B28: Comparison of copper system scenarios Sc1–8. Global per capita stock of long-lived products

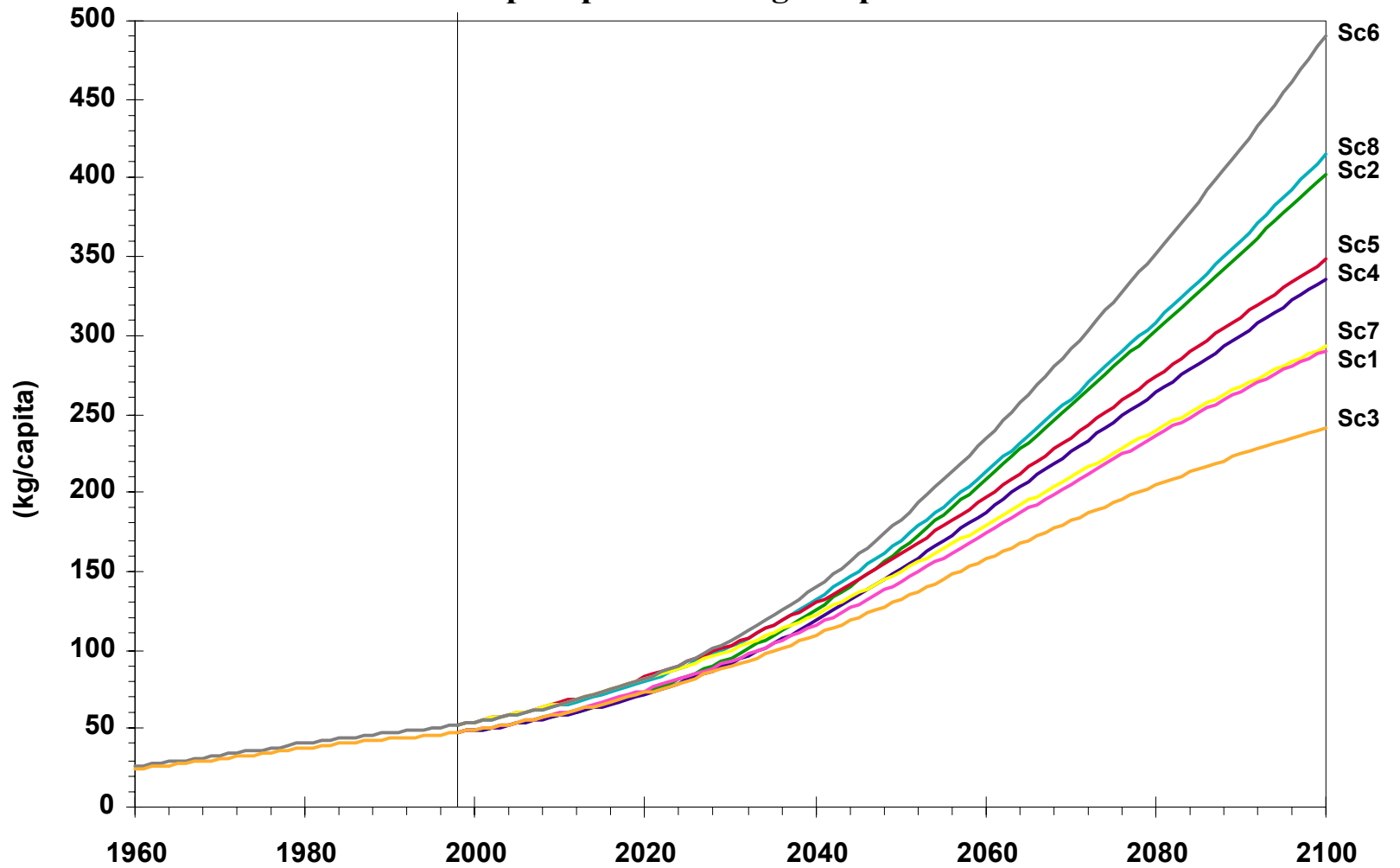


Figure B29 (2.32): Global stock of short-lived copper products, 1900 - 1998, MMT

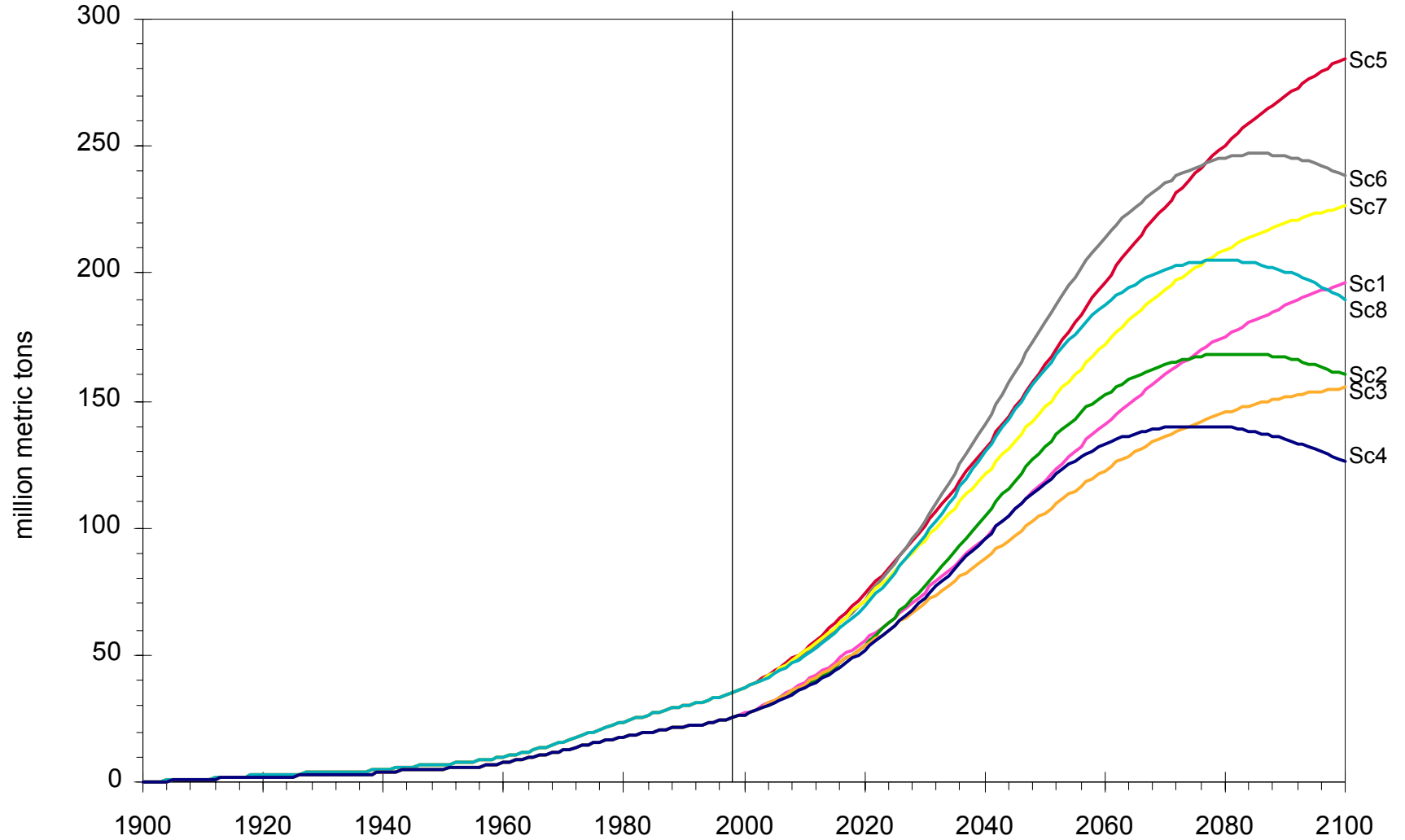


Figure B30: Comparison of copper system scenarios Sc1–8.
Global per capita stock of short-lived products

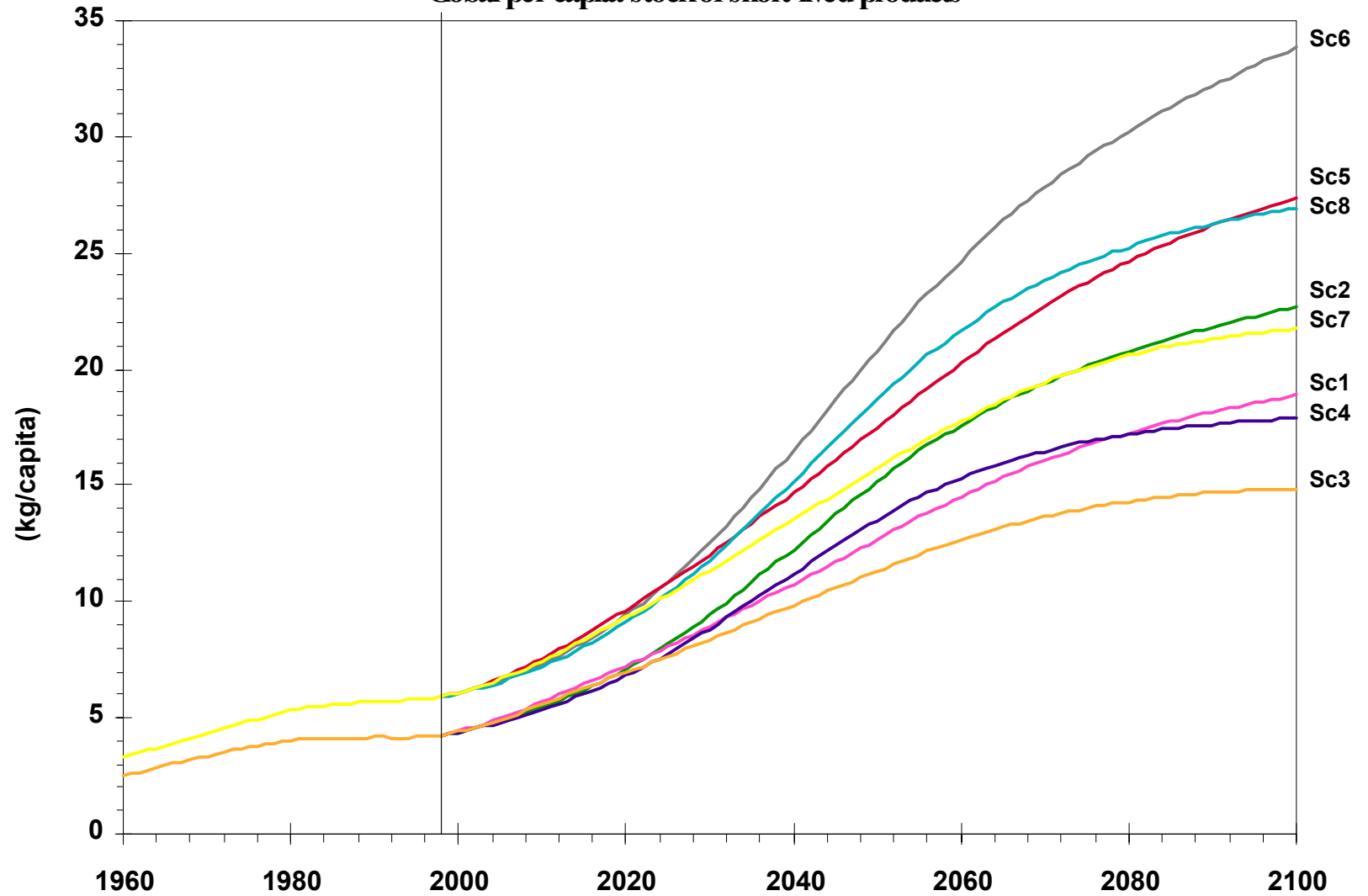


Figure B31: Global primary copper share of copper supplied to semi-manufactures,

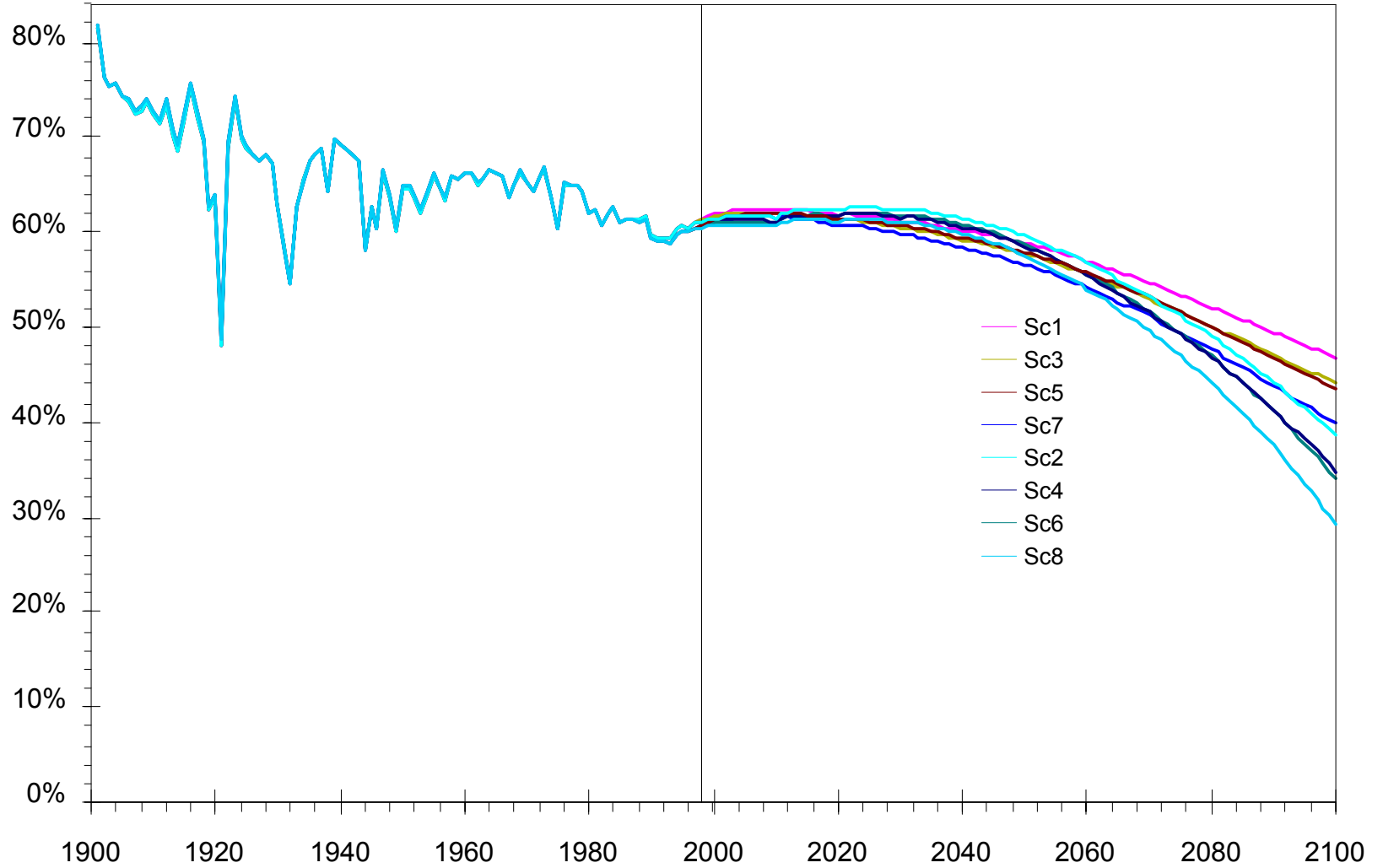


Figure B32: Global copper recycling rate

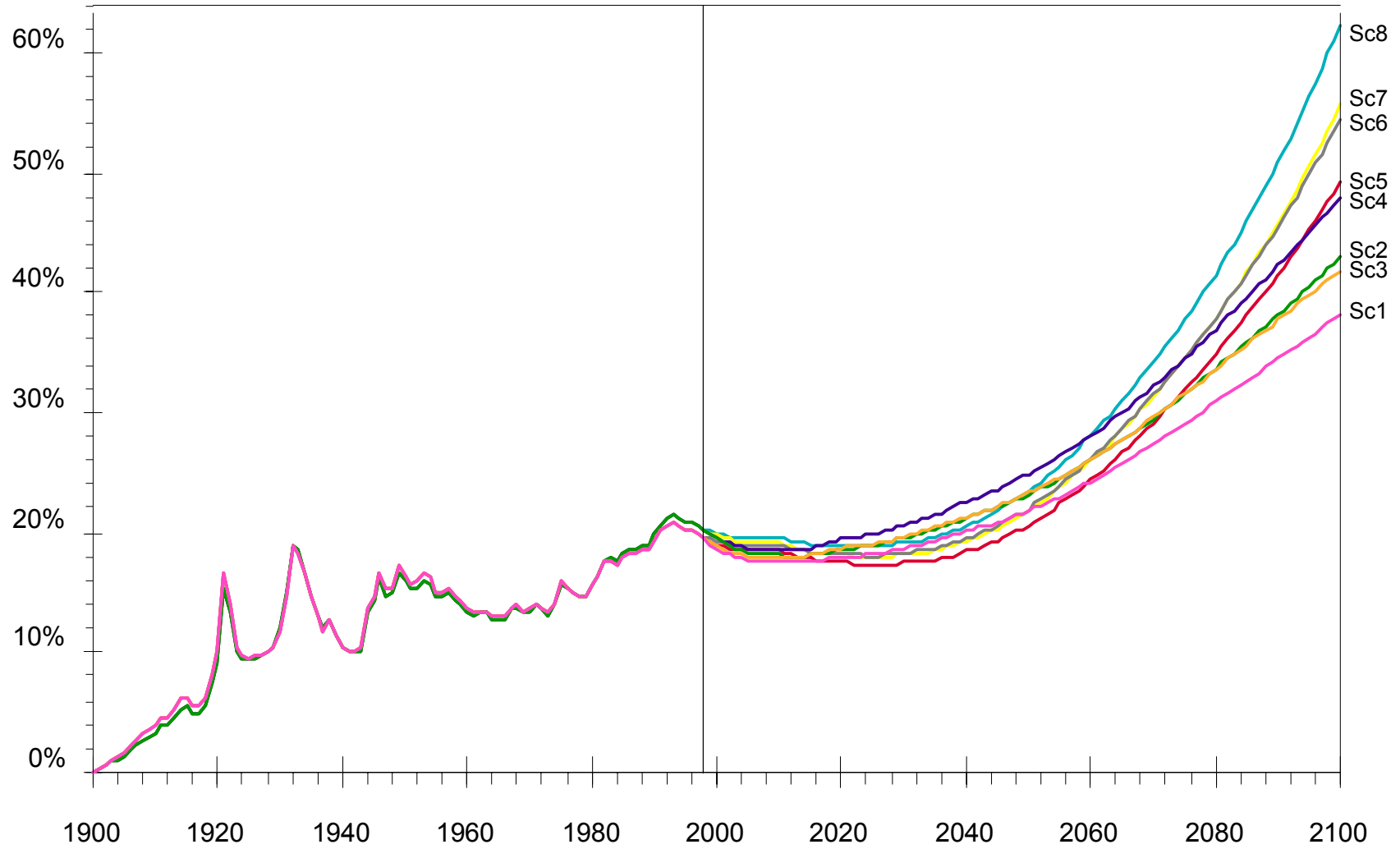


Figure B33 (2.21): Global copper recycling (separation) efficiency

