The calibration curves shown here are crude reproductions of results shown in Figure 1 of H. Kitagawa and J. van der Plicht, 1988, Atmospheric radiocarbon calibration to 45,000 yr B.P.: Late glacial fluctuations and cosmogenic isotope production: Science v. 279, p. 1187-1190 and Figures 1a and 1b of McCormac, F.G., et al., 2004, SHCAL04 Southern Hemisphere calibration, 0-11.0 cal kyr BP: Radiocarbon v. 46, p. 1087-1092. Any actual calibration should use the original relationships shown in those papers.