

**Polybrominated Diphenyl Ethers in the Sediments of the Great Lakes. 1 - Lake Superior
(Song, et al.)**

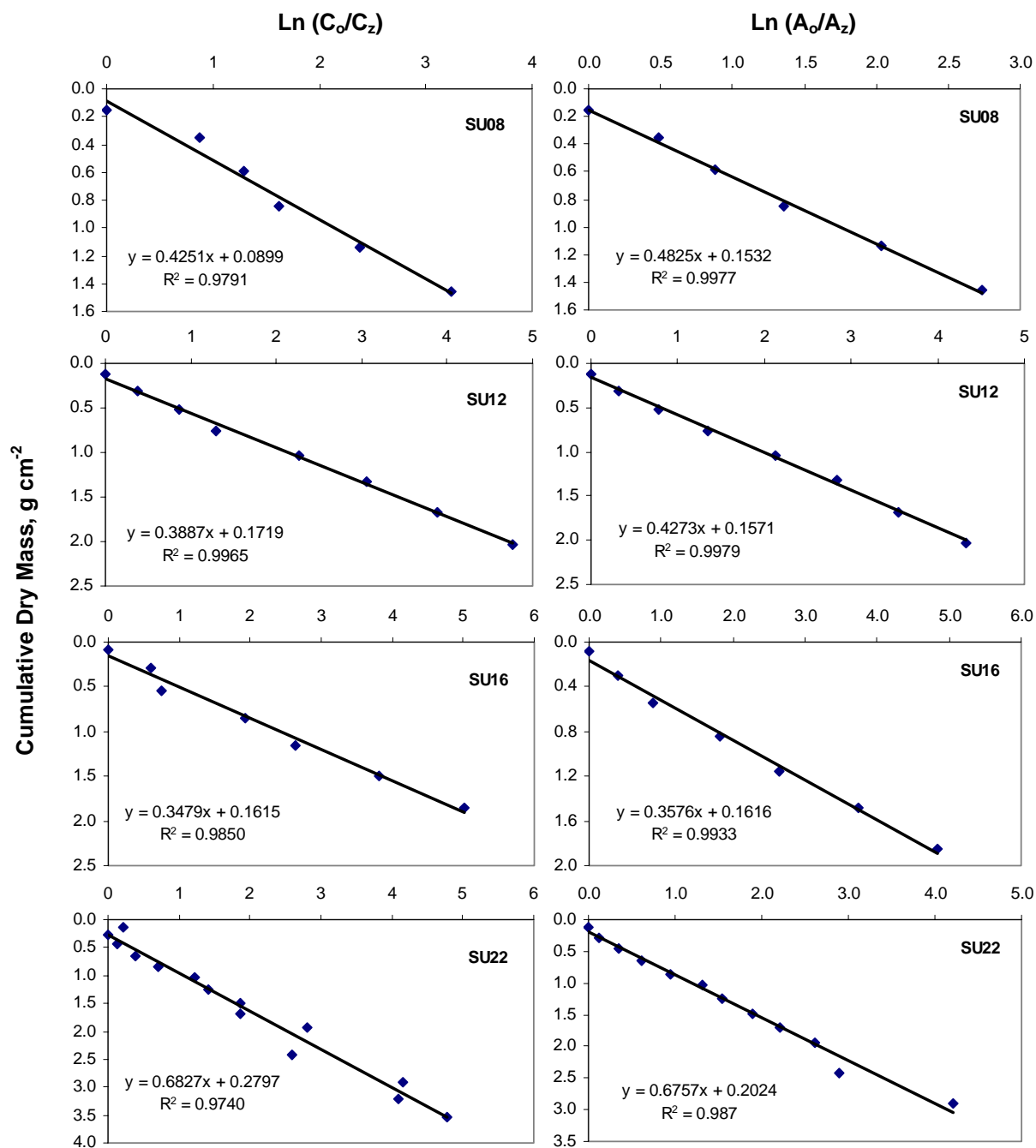


FIGURE S1. Activity of ²¹⁰Pb vs. Cumulative Dry Mass of Sediment.

In Figure S1:

C_z = unsupported ^{210}Pb activity (dpm g^{-1}) in the core segment at depth z ,

C_o = unsupported ^{210}Pb activity (dpm g^{-1}) in the surface segment,

A_z = the integrated unsupported ^{210}Pb activity (dpm cm^{-2}) in the core below depth z ,

A_o = the integrated unsupported ^{210}Pb activity (dpm cm^{-2}) in the entire core.

The sedimentation rate is calculated using the equation

$$\text{Sedimentation Rate (g cm}^{-2} \text{ yr}^{-1}) = \text{Slope} \times 0.693 / 22.26$$

where 22.26 (yr) is the half life of ^{210}Pb .