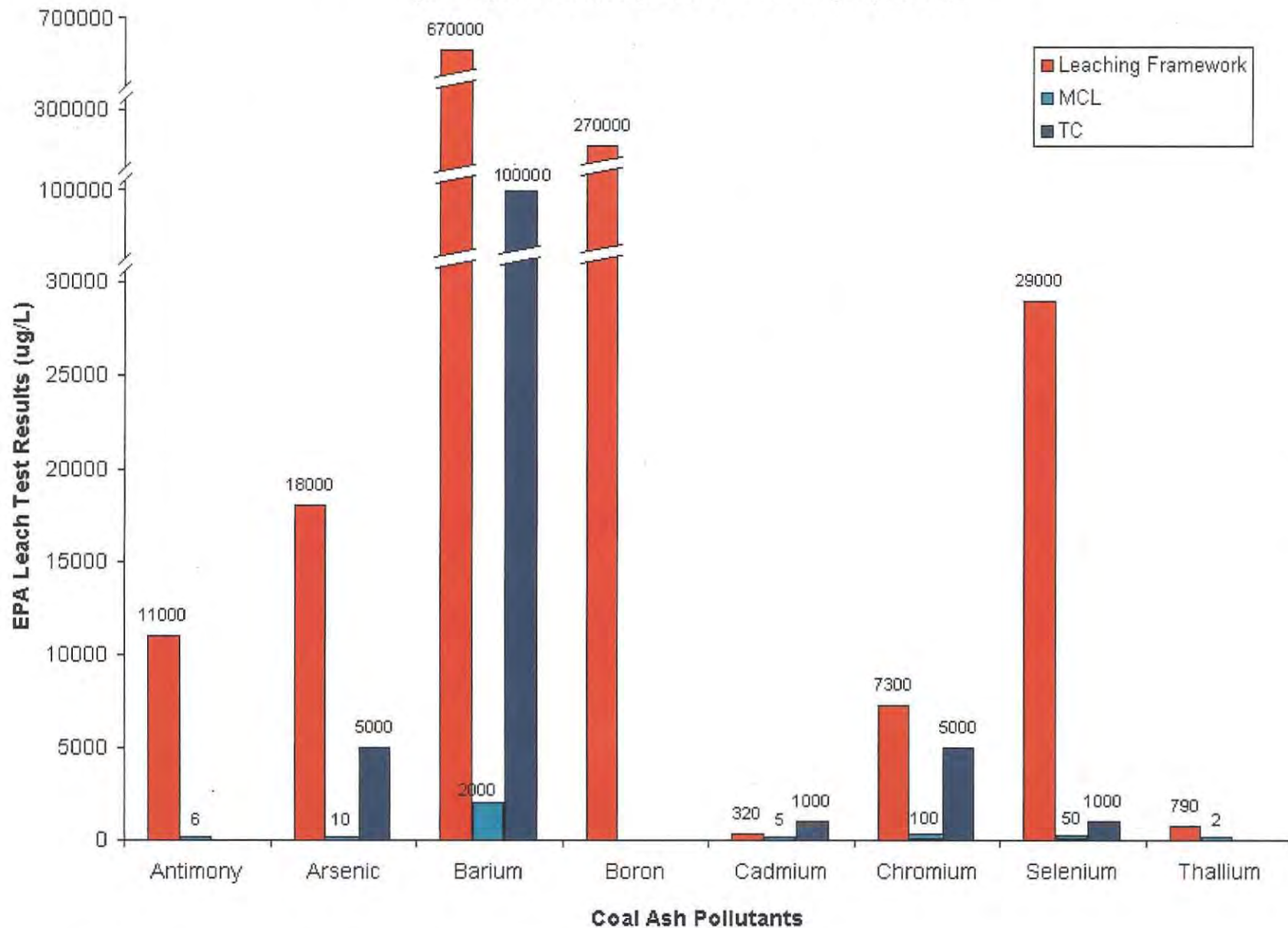
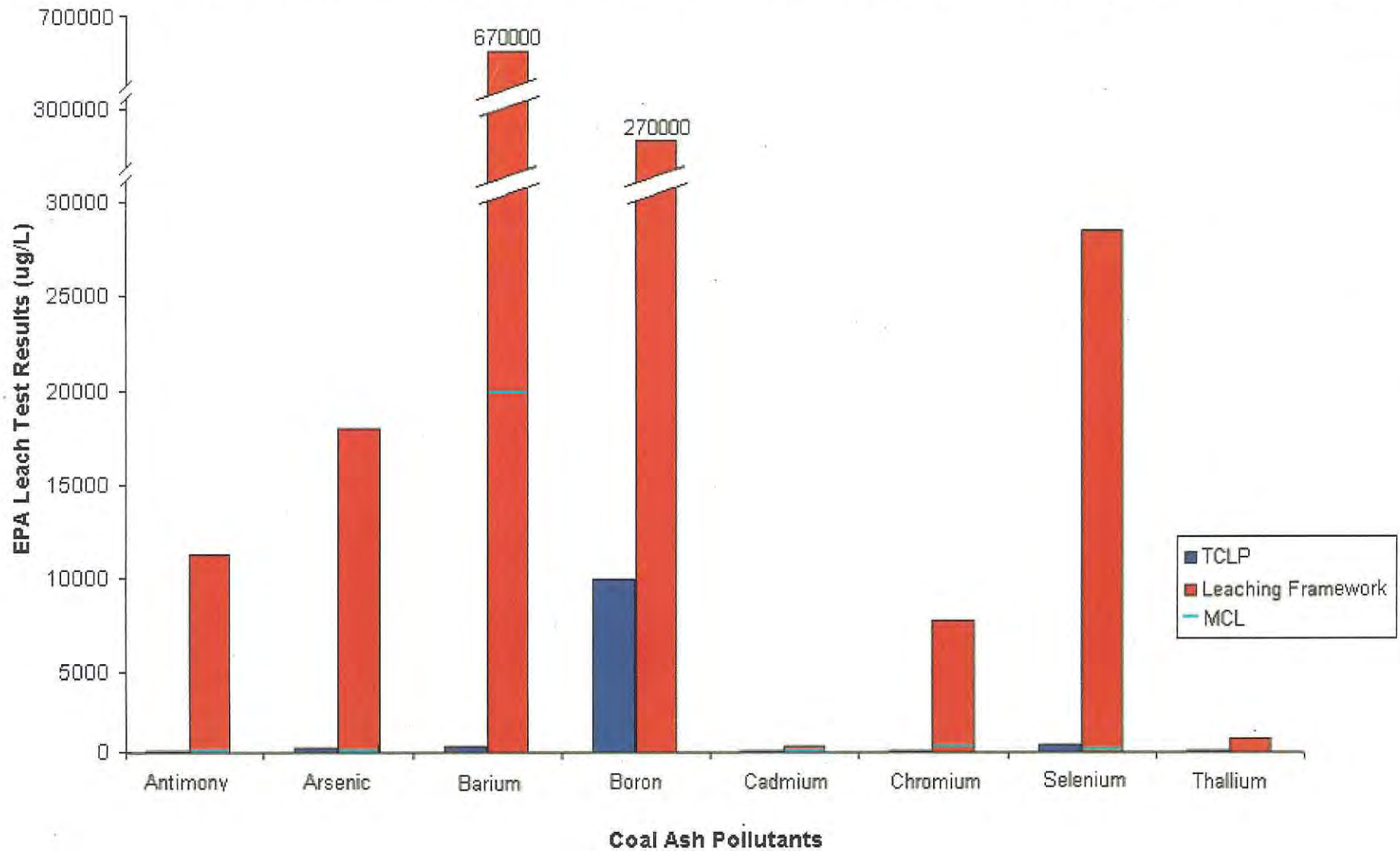


Comparison of EPA Leach Test Results for Coal Ash¹ to Maximum Contaminant Levels (MCLs) and Toxicity Characteristic (TC) Levels



¹ U.S. EPA, Characterization of Coal Combustion Residues from Electric Utilities Using Multi-Pollutant Control Technology – Leaching and Characterization Data (EPA-600/R-09/151) Dec 2009, <http://www.epa.gov/nrmrl/pubs/600r09151/600r09151.html>. Laboratory leach test eluate concentrations for $5.4 \leq \text{pH} \leq 12.4$ and at “own pH” from evaluation of 34 fly ash samples. See Table 13 at 183.

Comparison of EPA Leach Test Results for Coal Ash: TCLP (RTC 1999)¹ vs Leaching Framework (2010)²



¹ US EPA, Report to Congress: Wastes from the Combustion of Fossil Fuels: Volume 2, Methods, Findings and Recommendations (EPA530-R-99-010) March 1999, http://www.epa.gov/osw/nonhaz/industrial/special/fossil/volume_2.pdf. Toxicity Characteristic Leaching Procedure (TCLP) results for samples of waste managed in both surface impoundments and landfills. See Table 3-9 at 3-19.

² U.S. EPA, Characterization of Coal Combustion Residues from Electric Utilities Using Multi-Pollutant Control Technology – Leaching and Characterization Data (EPA-600/R-09/151) Dec 2009, <http://www.epa.gov/nrmrl/pubs/600r09151/600r09151.html>. Laboratory leach test eluate concentrations for $5.4 \leq \text{pH} \leq 12.4$ and at "own pH" from evaluation of 34 fly ash samples. See Table 13 at 183.