

FIGURE OM1. Comparison of $^{206}\text{Pb}/^{238}\text{U}$ dates of standard reference zircon not subjected to any chemical treatments (top row) to $^{206}\text{Pb}/^{238}\text{U}$ dates of standard reference zircon after boiling in concentrated nitric acid only (middle row) and sodium carbonate solution followed by concentrated nitric acid (bottom row). The heights of the weighted mean (95% confidence) and published age (2-sigma) bars indicate the uncertainties. The means were weighted by data point errors only.

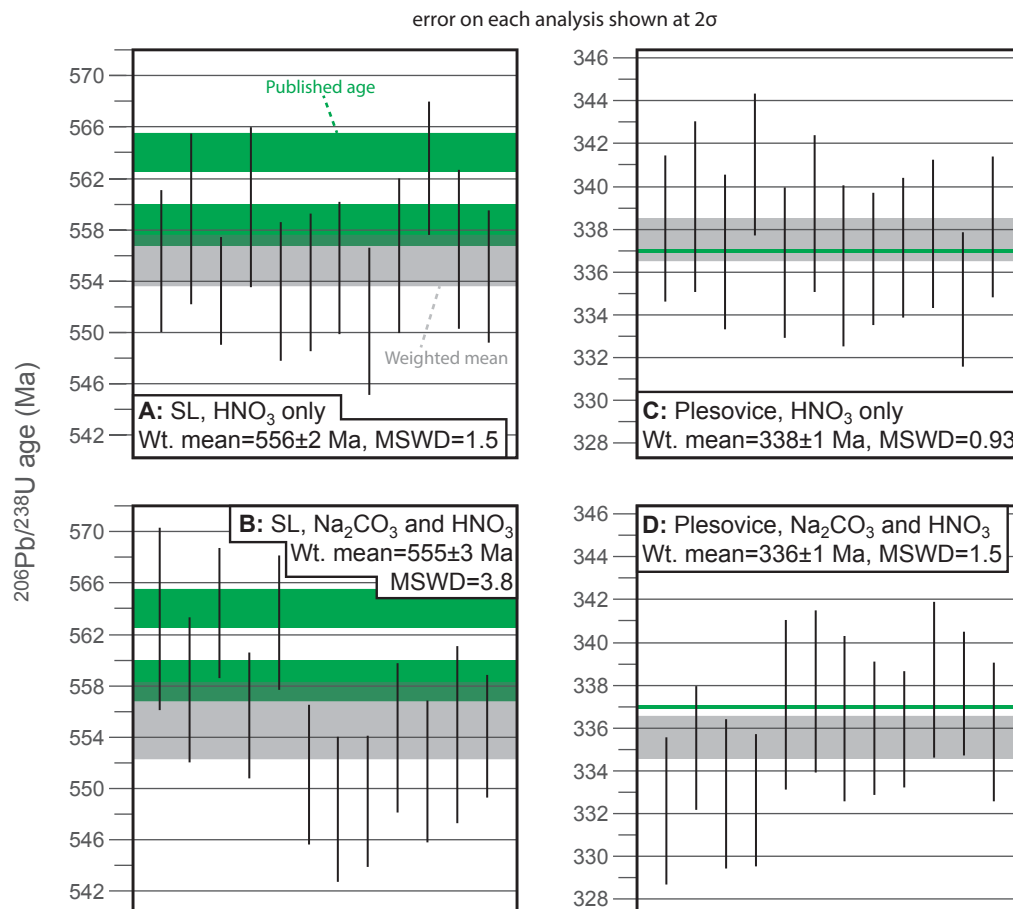


FIGURE OM2. $^{206}\text{Pb}/^{238}\text{U}$ dates of boiled standard reference zircon without comparison to dates from untreated zircon. The heights of the weighted mean (95% confidence) and published age (2-sigma) bars indicate the uncertainties. The means were weighted by data point errors only. SL: Sri Lanka.

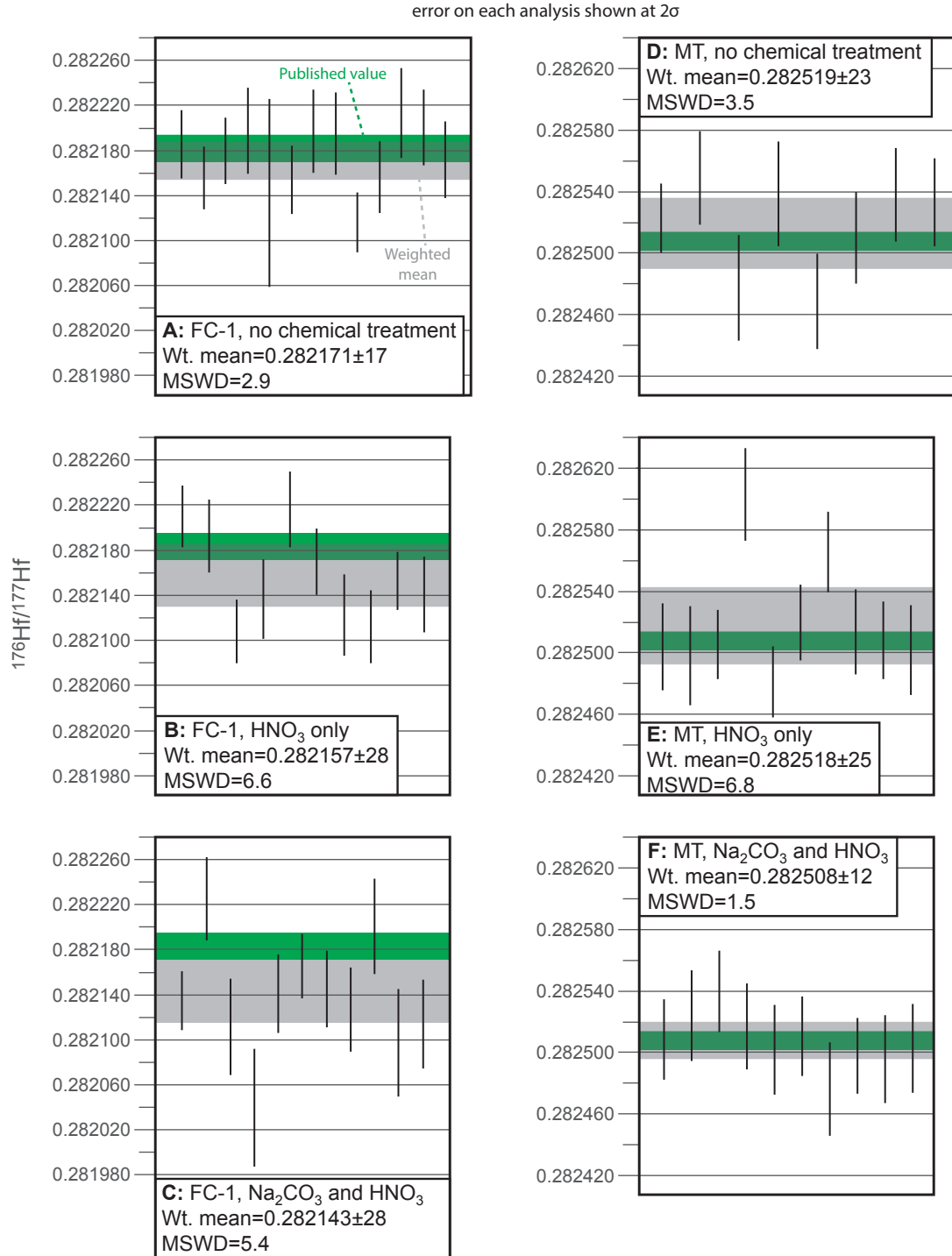


FIGURE OM3. Comparison of our measured $^{176}\text{Hf}/^{177}\text{Hf}$ ratios of standard reference zircon not subjected to any chemical treatments (top row) to $^{176}\text{Hf}/^{177}\text{Hf}$ ratios of standard reference zircon after boiling in concentrated nitric acid only (middle row) and sodium carbonate solution followed by concentrated nitric acid (bottom row). We did not experiment on 91500 or Temora; analyses of the untreated grains are included in this figure for completeness. The heights of the weighted mean (95% confidence) and published age (2-sigma) bars indicate the uncertainties. The means were weighted by data point errors only. MT: Mud Tank. SL: Sri Lanka. Ples: Plesovice.

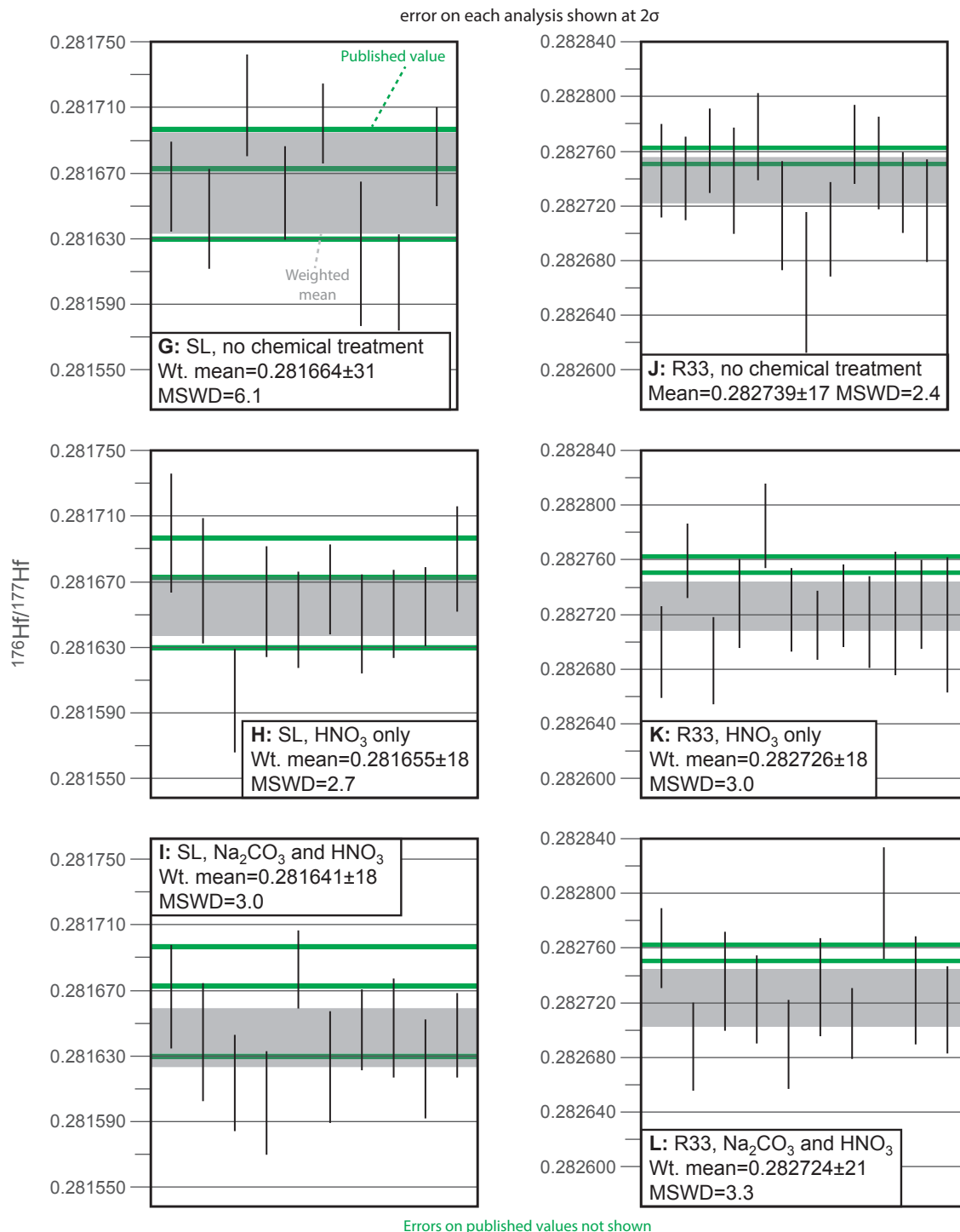


FIGURE OM3.—CONTINUED.

error on each analysis shown at 2σ

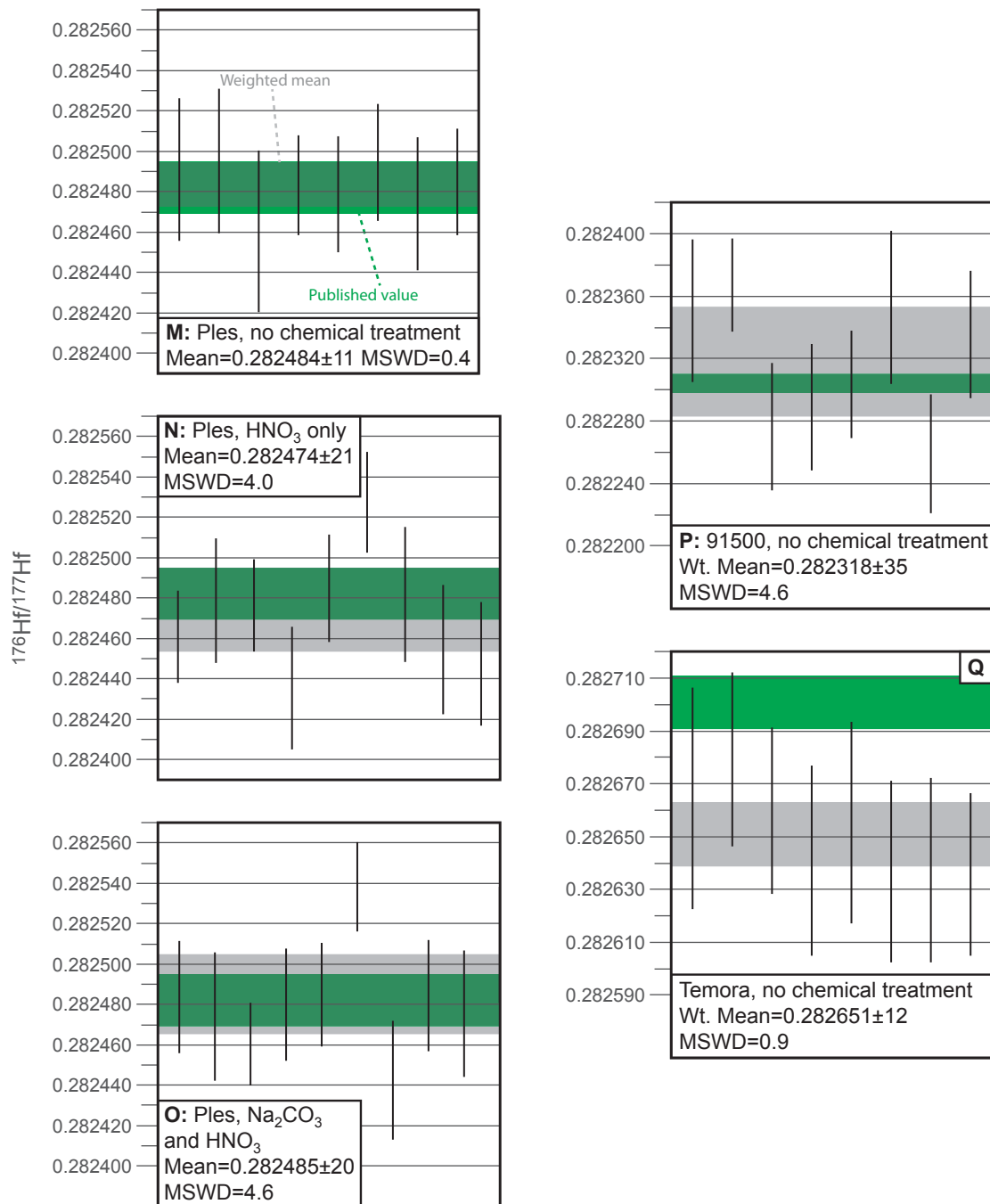


FIGURE OM3.—CONTINUED.