



FIG. 5. Dedrift and level sequence for G6. Panel a: Comparison between the 30-day detided and low-pass filtered CPIES (p_{cpies} black), and current-meter-mapped (p_{cm} gray) bottom pressures indicated an instrumental pressure drift. Panel b: The linear and exponential fit (gray line labeled D) to the difference between p_{cpies} and p_{cm} (black) was the drift curve plus leveling constant. Panel c: The leveled and dedrifted CPIES bottom pressures (p' black) shown with the current-meter-mapped bottom pressures (p_{cm} gray). Panel d: The difference between p' and p_{cm} shown in black. The slope of the linear fit to this difference was -3.1×10^{-6} dbar day^{-1} (gray). Panel e: Original hourly detided pressure record (gray) shown with the initial best guess (dotted black) and the final (solid black) drift curves.