

The Entire History of the Universe, Computed — One Two-Basin Descent, from the GUT Edge to the de Sitter Future

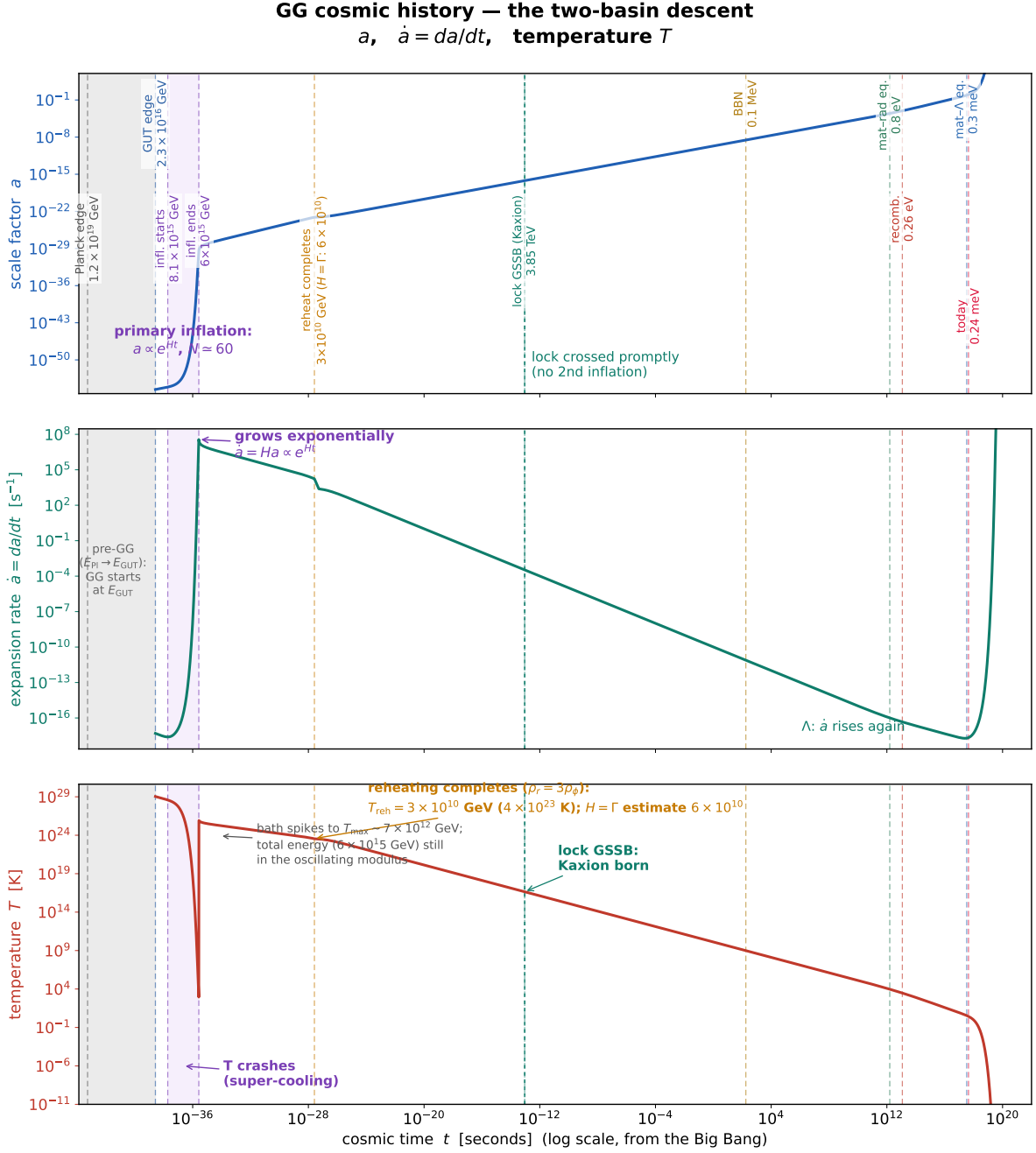


Figure 3: The two-basin descent, numerically integrated (Friedmann + inflaton + reheating fluid, smooth by construction): the scale factor a , the expansion rate $\dot{a}$, and the temperature T from the Planck edge to 10^{22} s, every vertical epoch line carrying its energy scale, the two de Sitter epochs bracketing the whole history. Derived, and fully annotated, in Part IV (Figure 19).