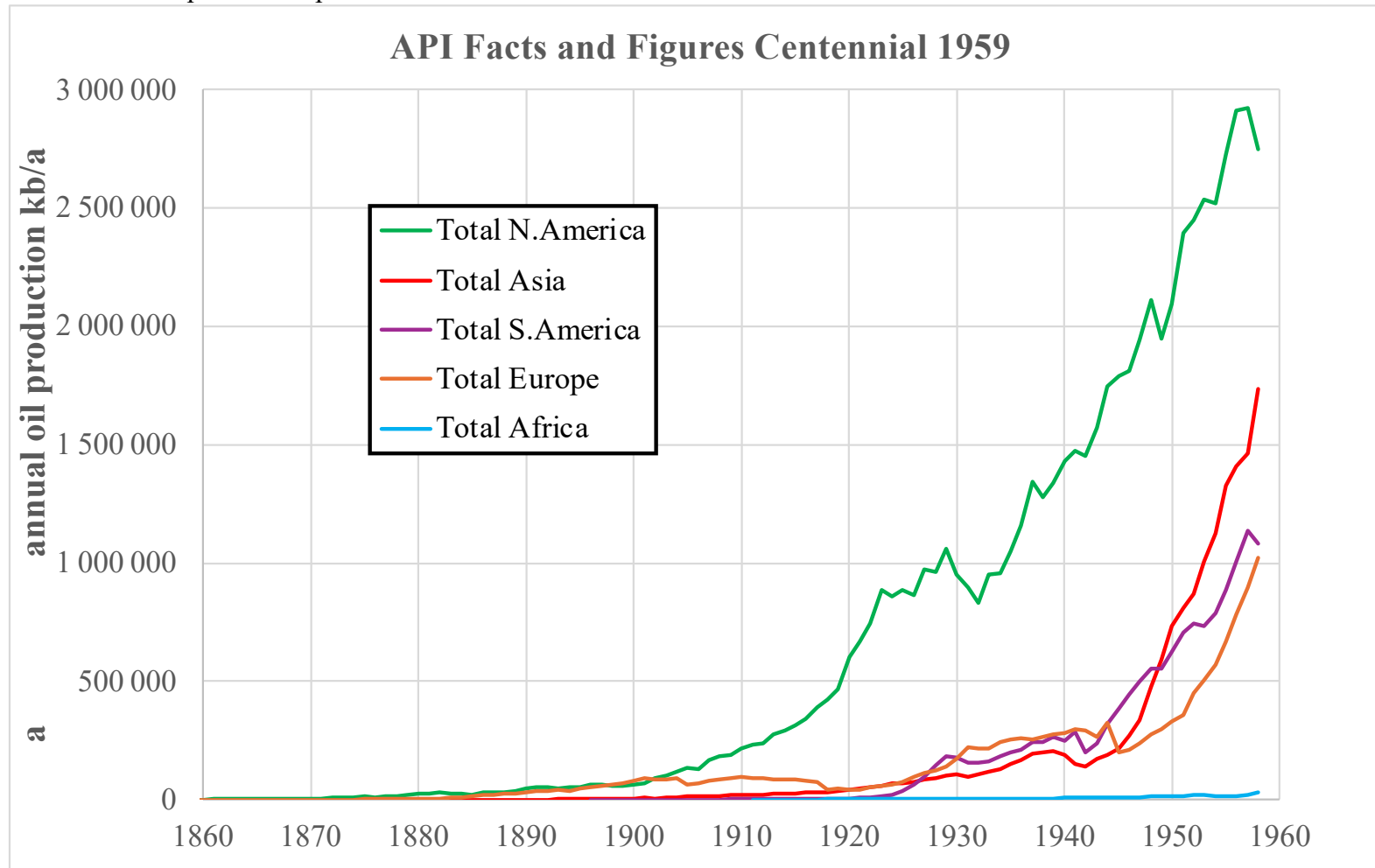
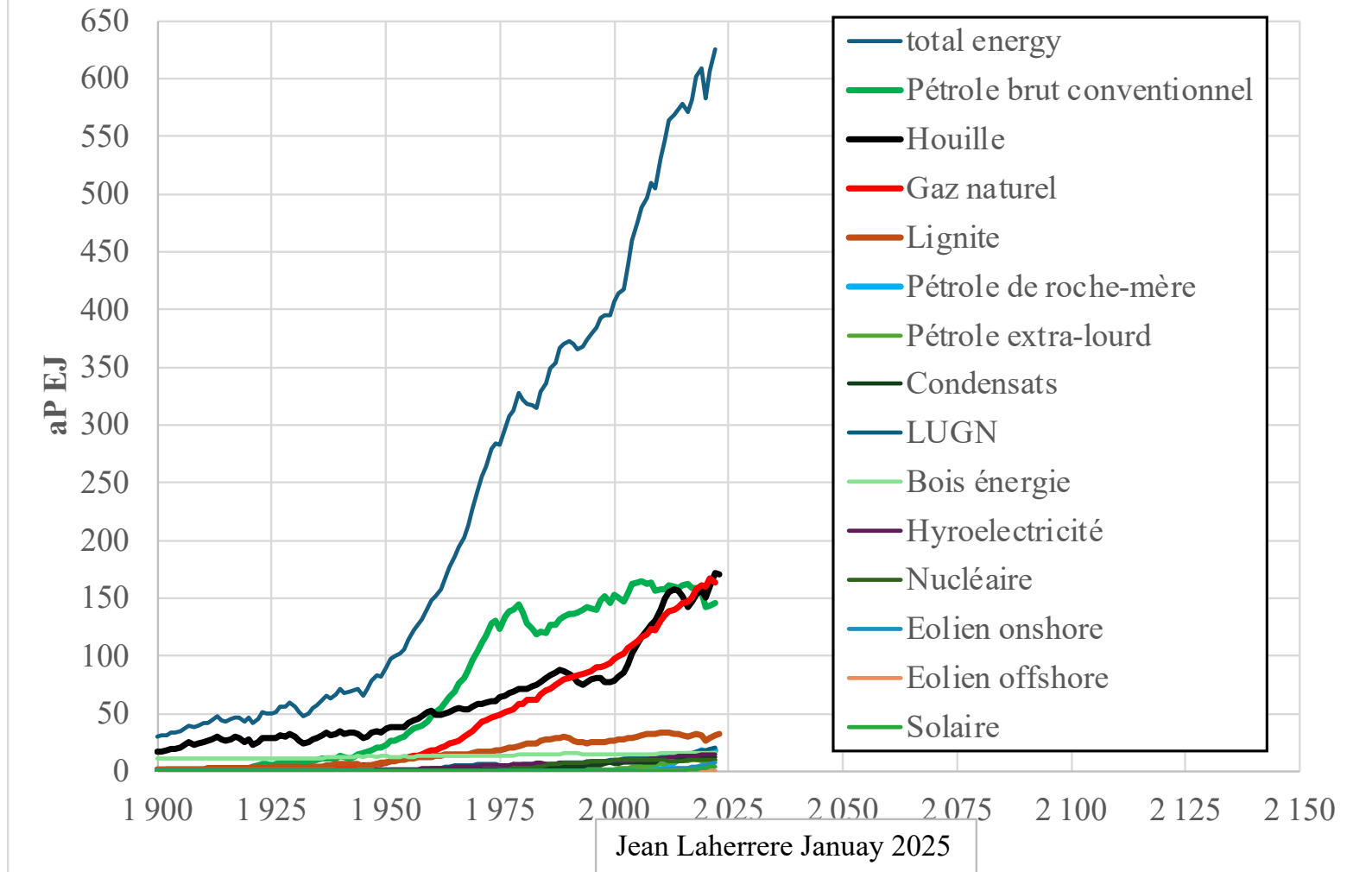


Forecast of world and US energy production

API 1857-1957 production per continent

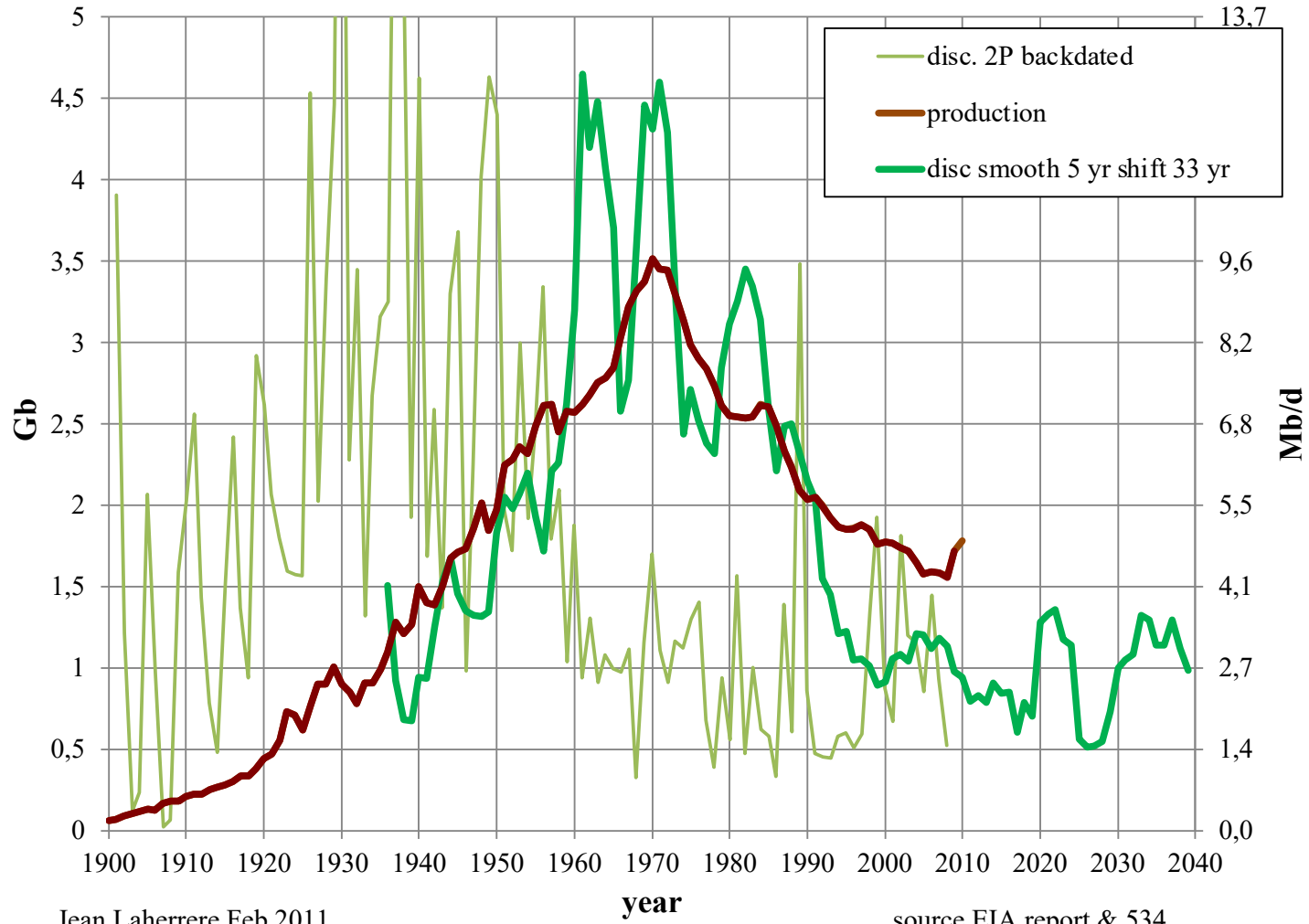


world energy production from ASPO data



All forecast is based on ultimate estimated from HL (Hubbert linearization) assuming future decline symmetrical with increase
 Old 2011 graph on USL48 discovery & production showing an amazing symmetry law of large number of producers = 9000

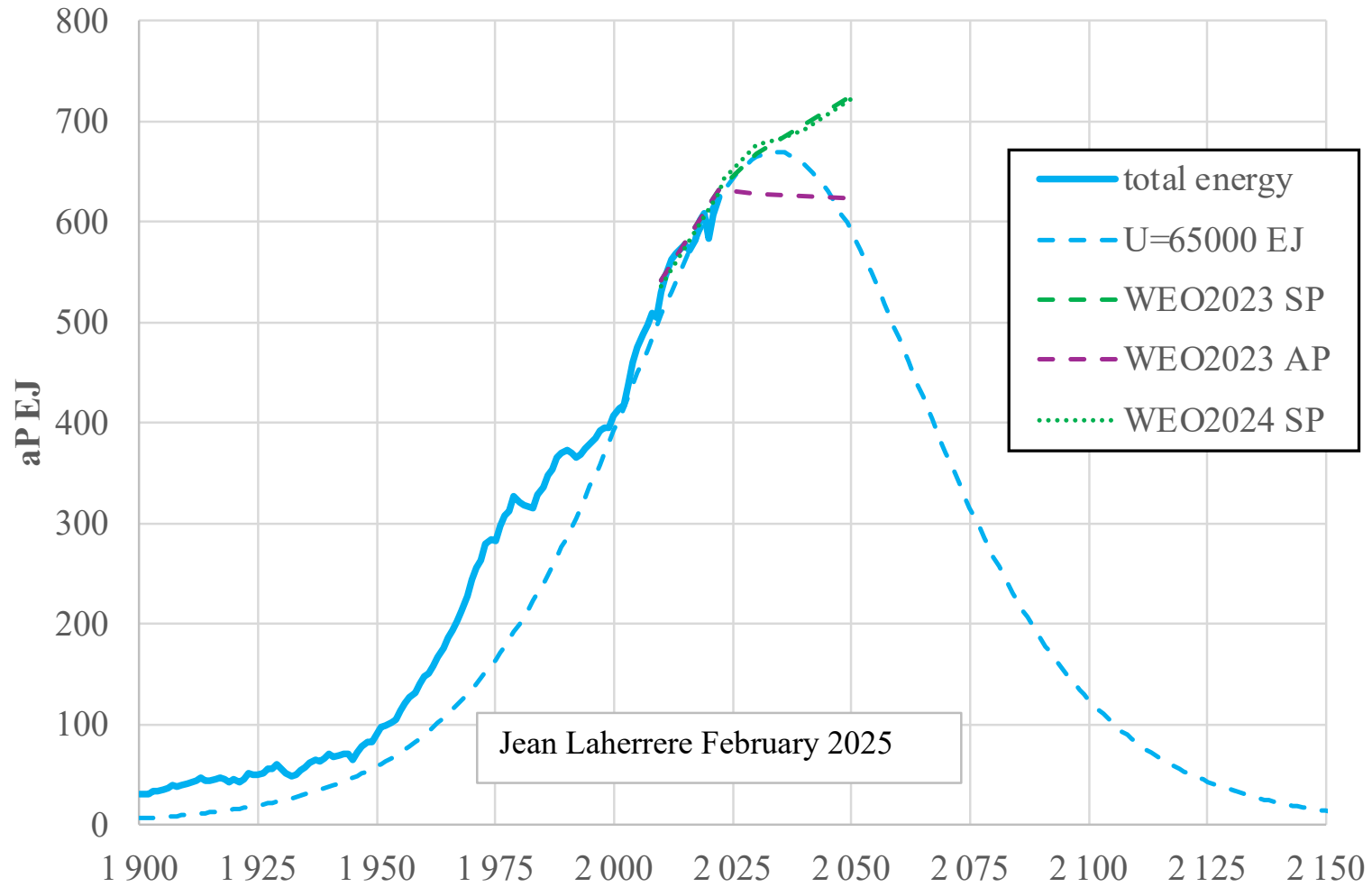
USL48 annual oil discovery & production

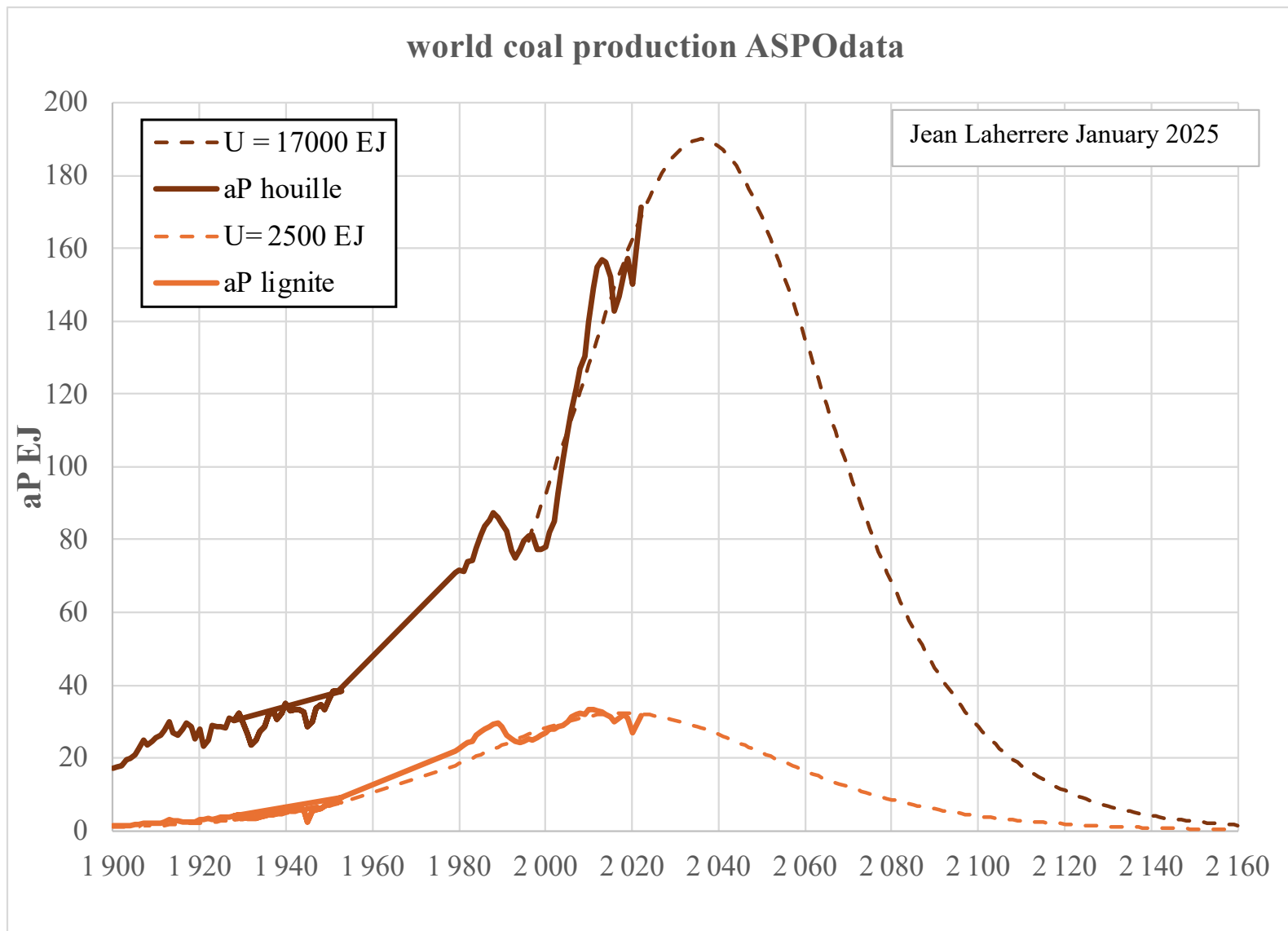


Jean Laherrere Feb 2011

source EIA report & 534

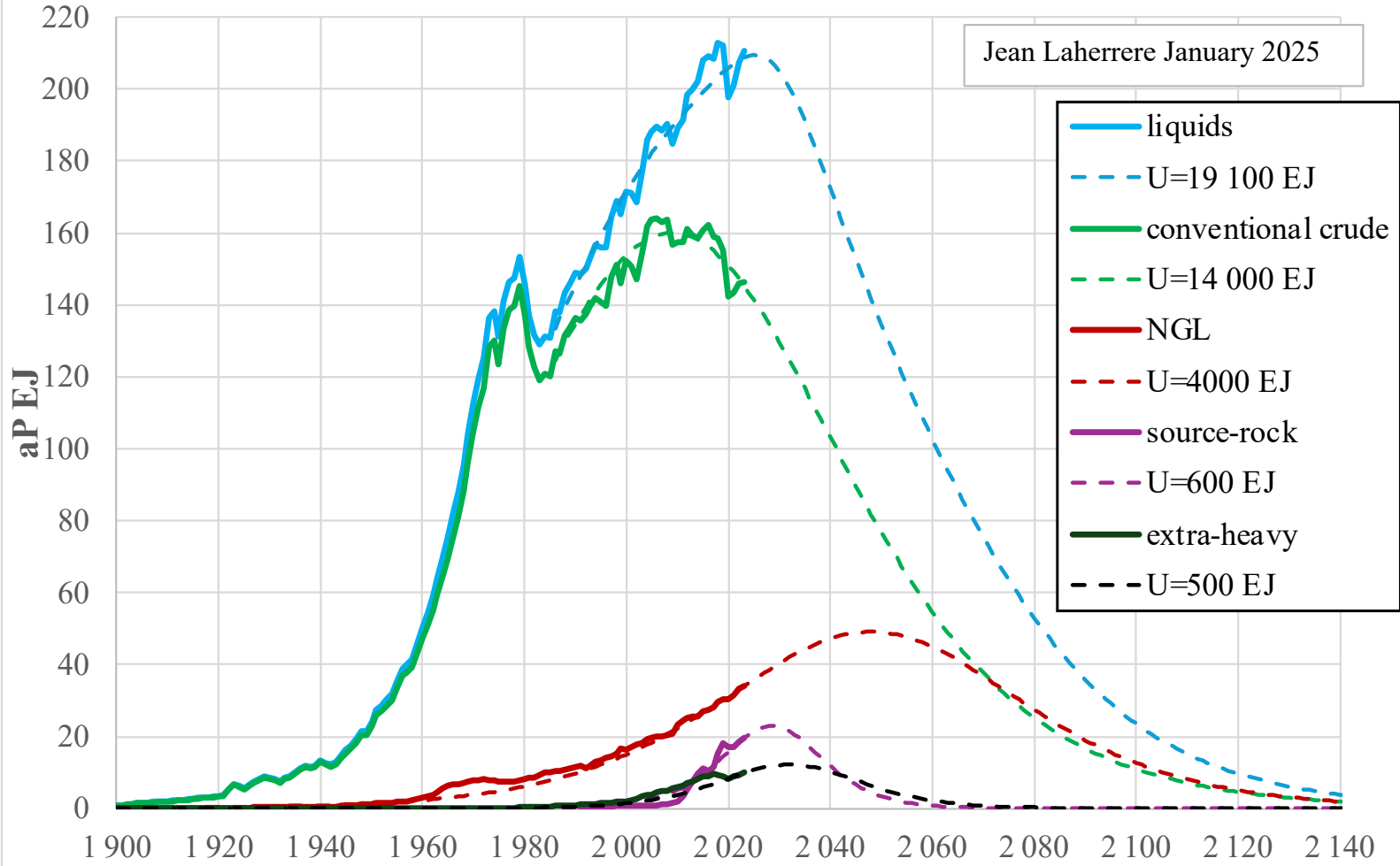
world energy production from ASPO data



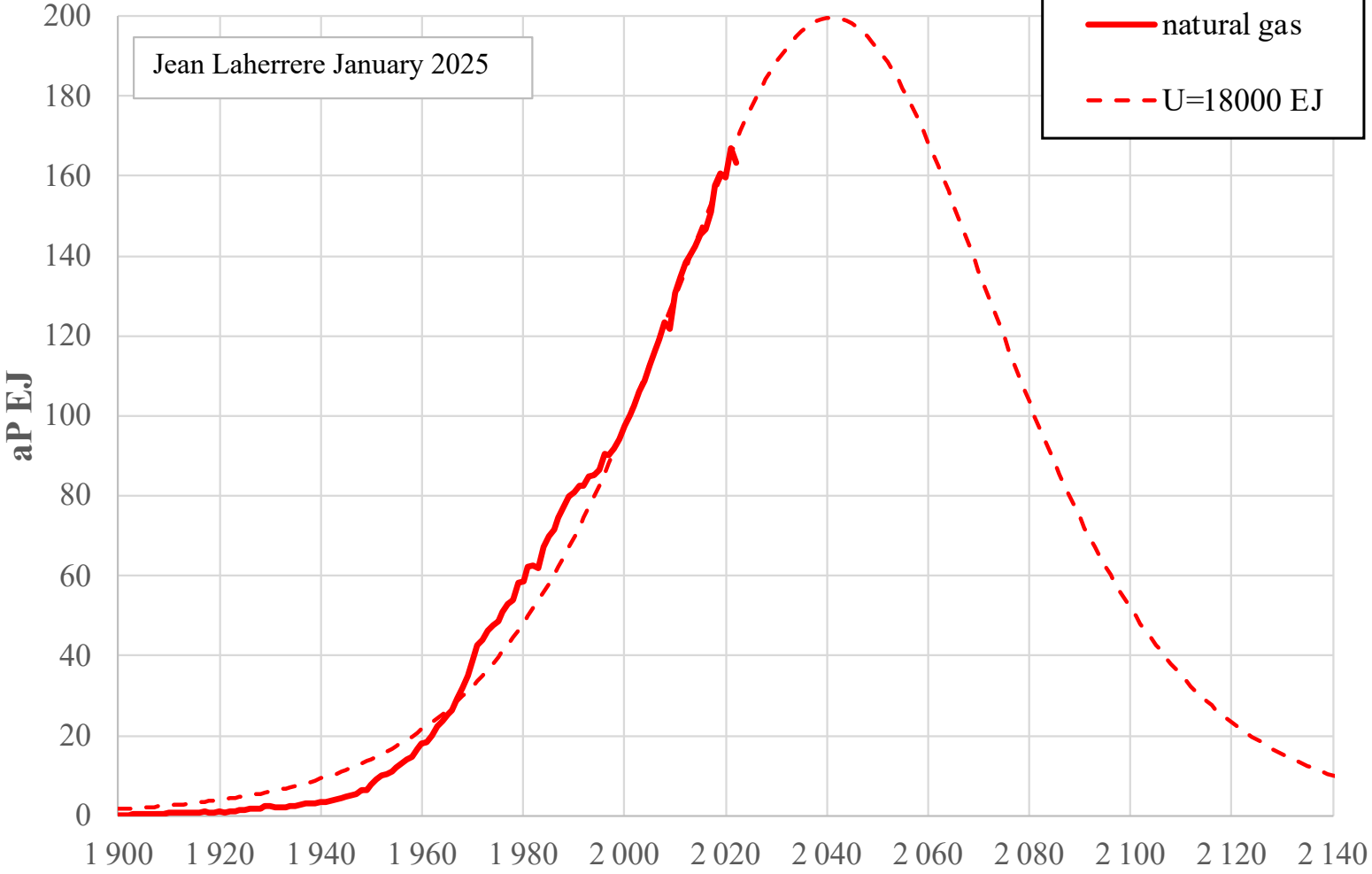


world oil production ASPOdata

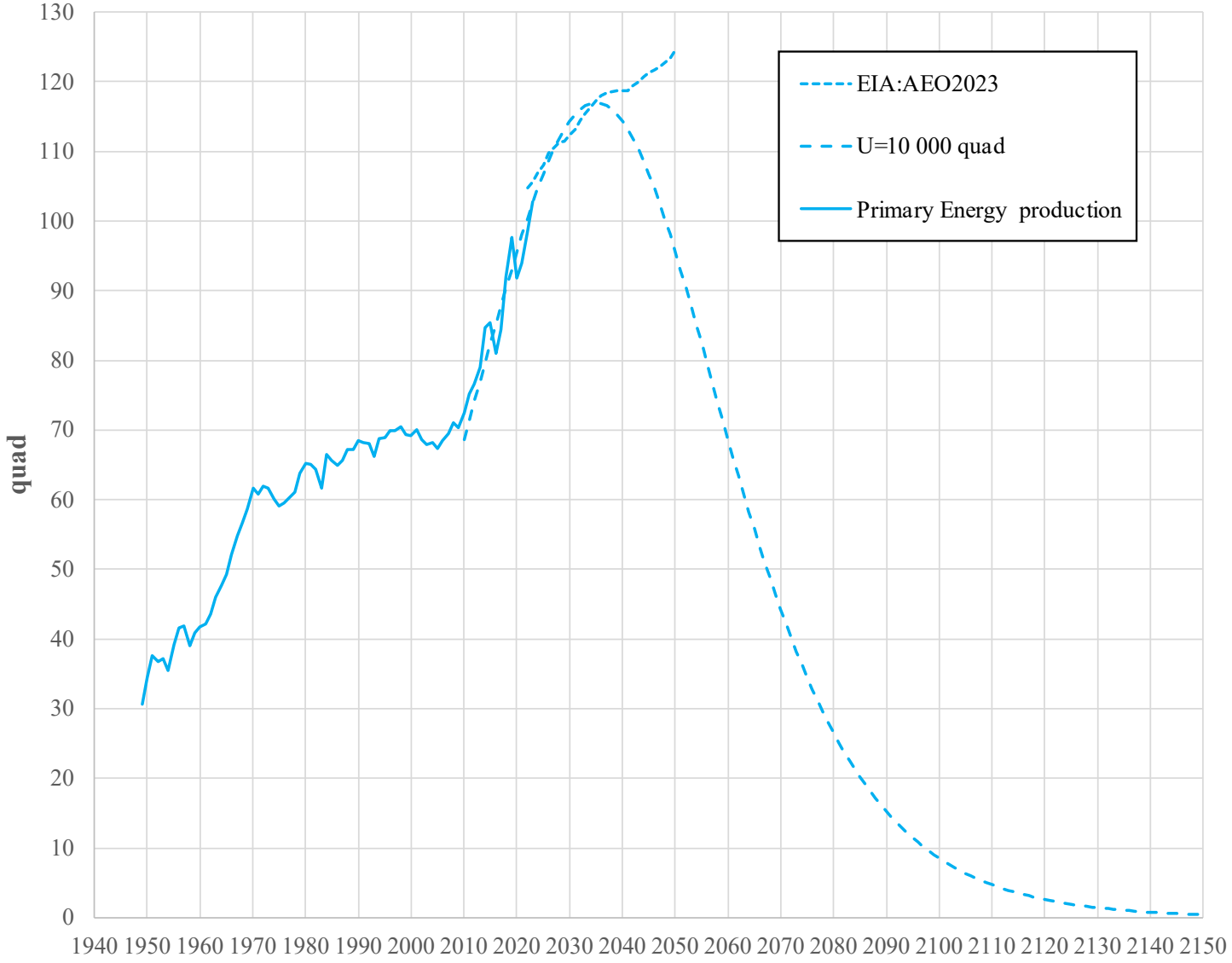
Jean Laherrere January 2025



world natural gas production ASPOdata

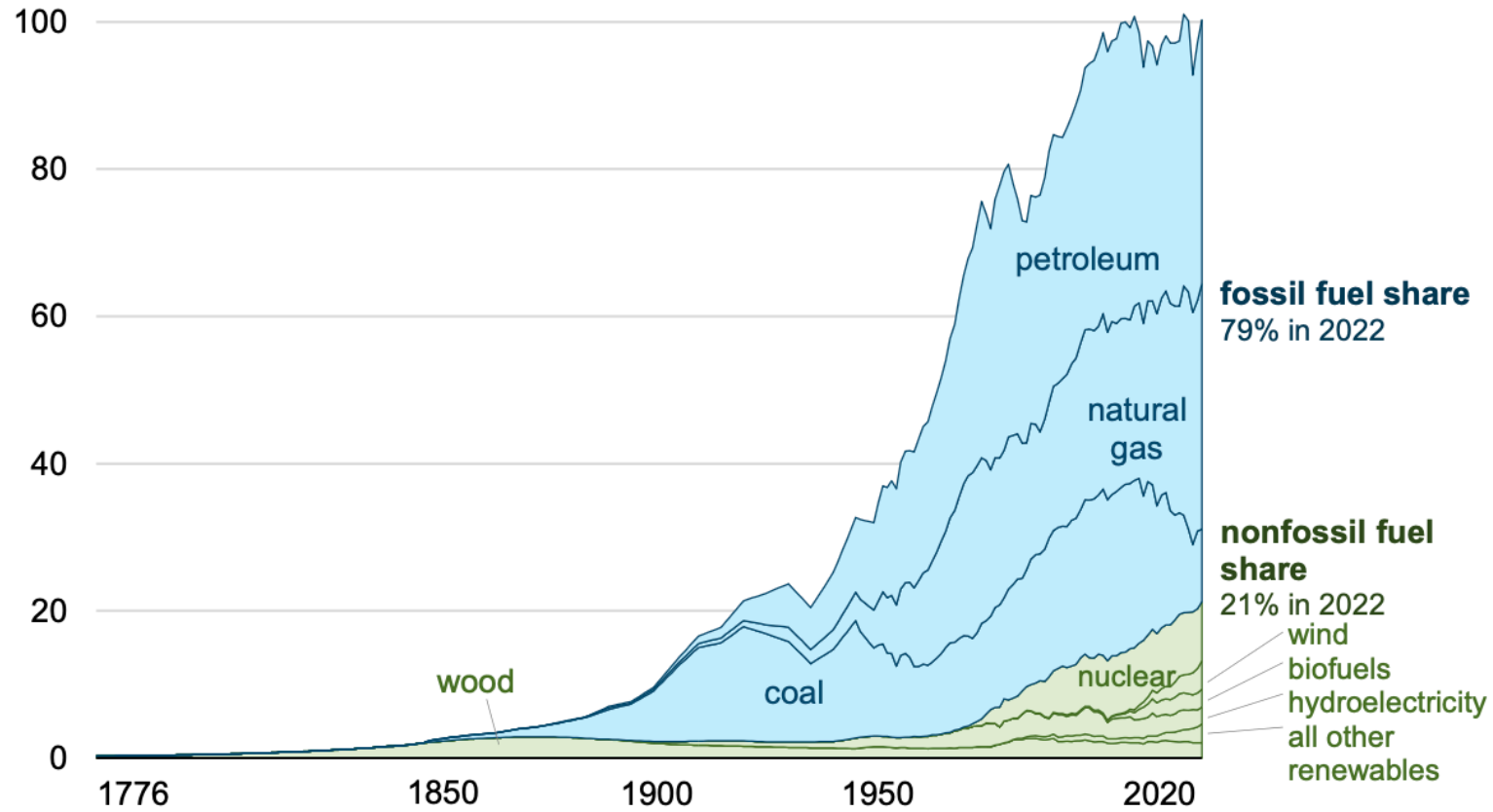


US primary energy production

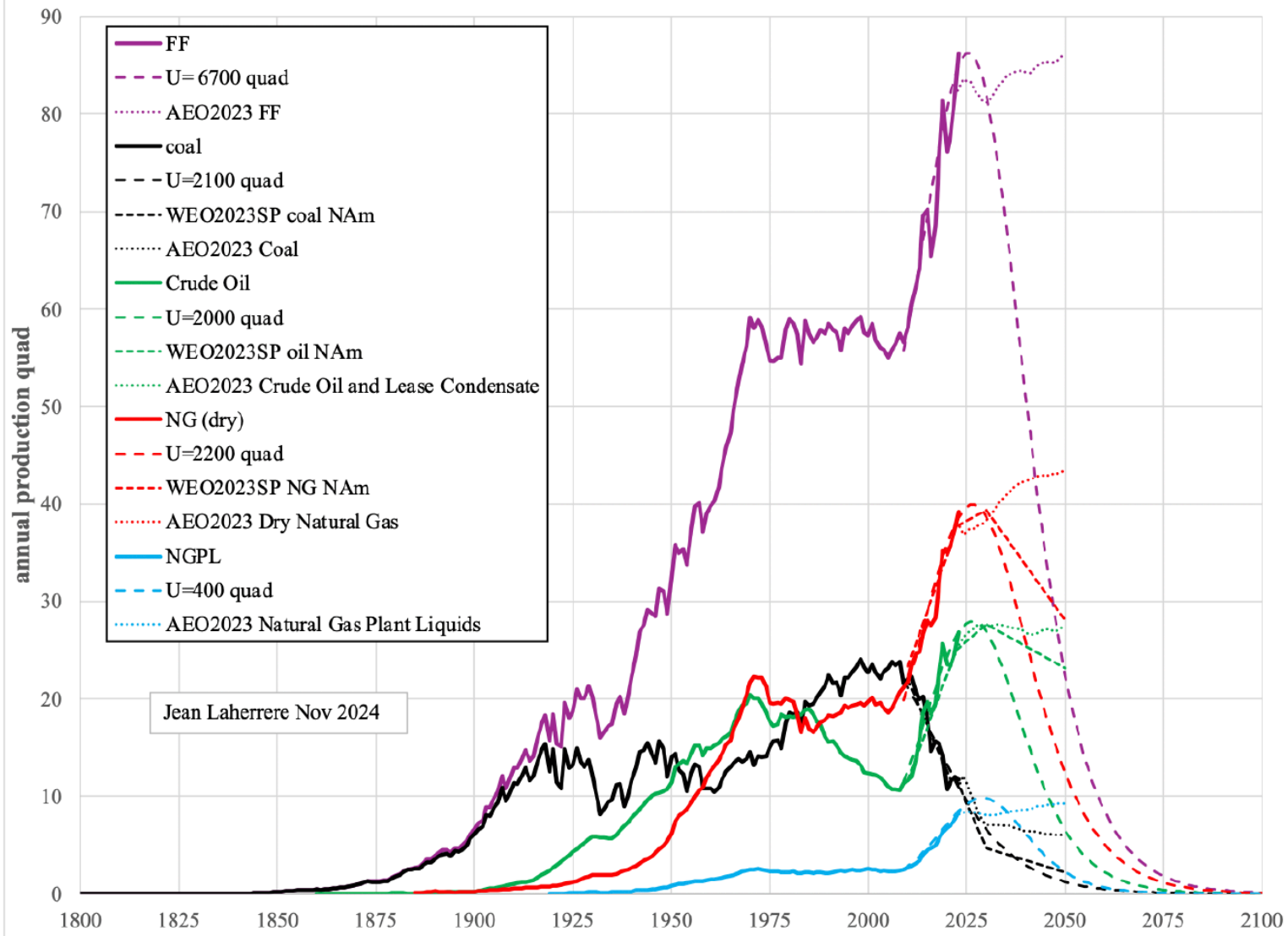


June 29, 2023

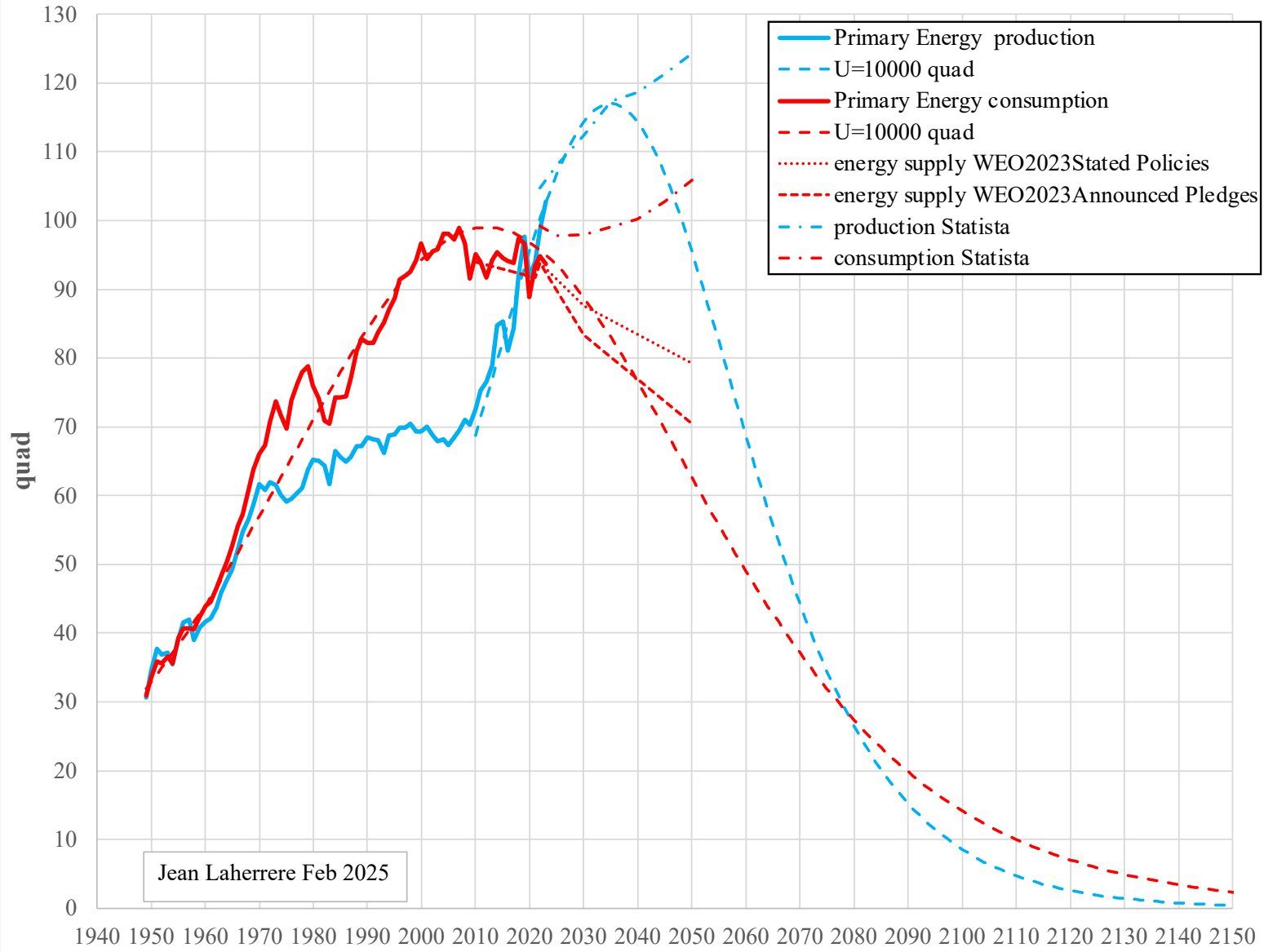
Energy consumption in the United States (1776–2022)
quadrillion British thermal units



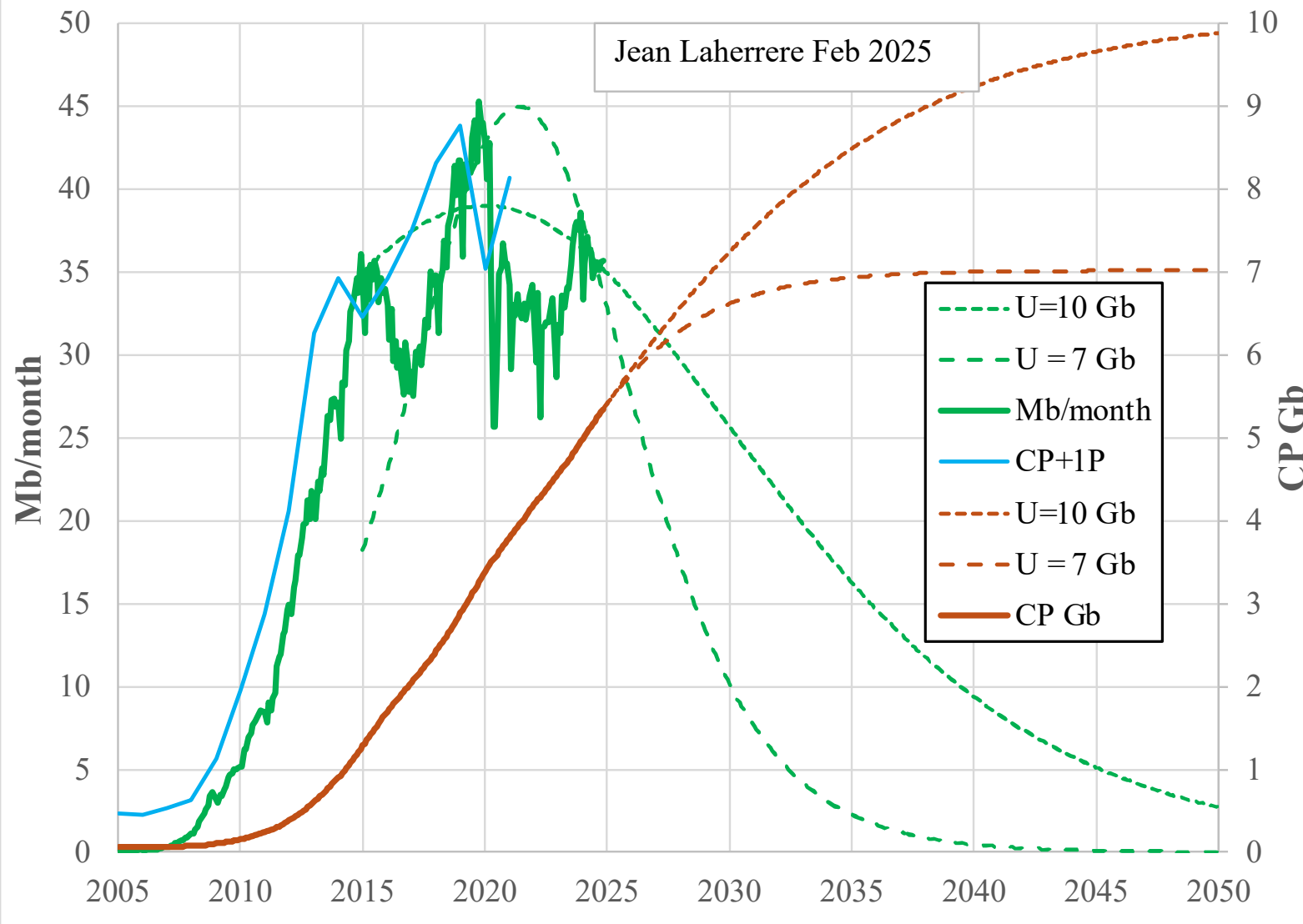
US fossil fuels production in quad 1800-2150



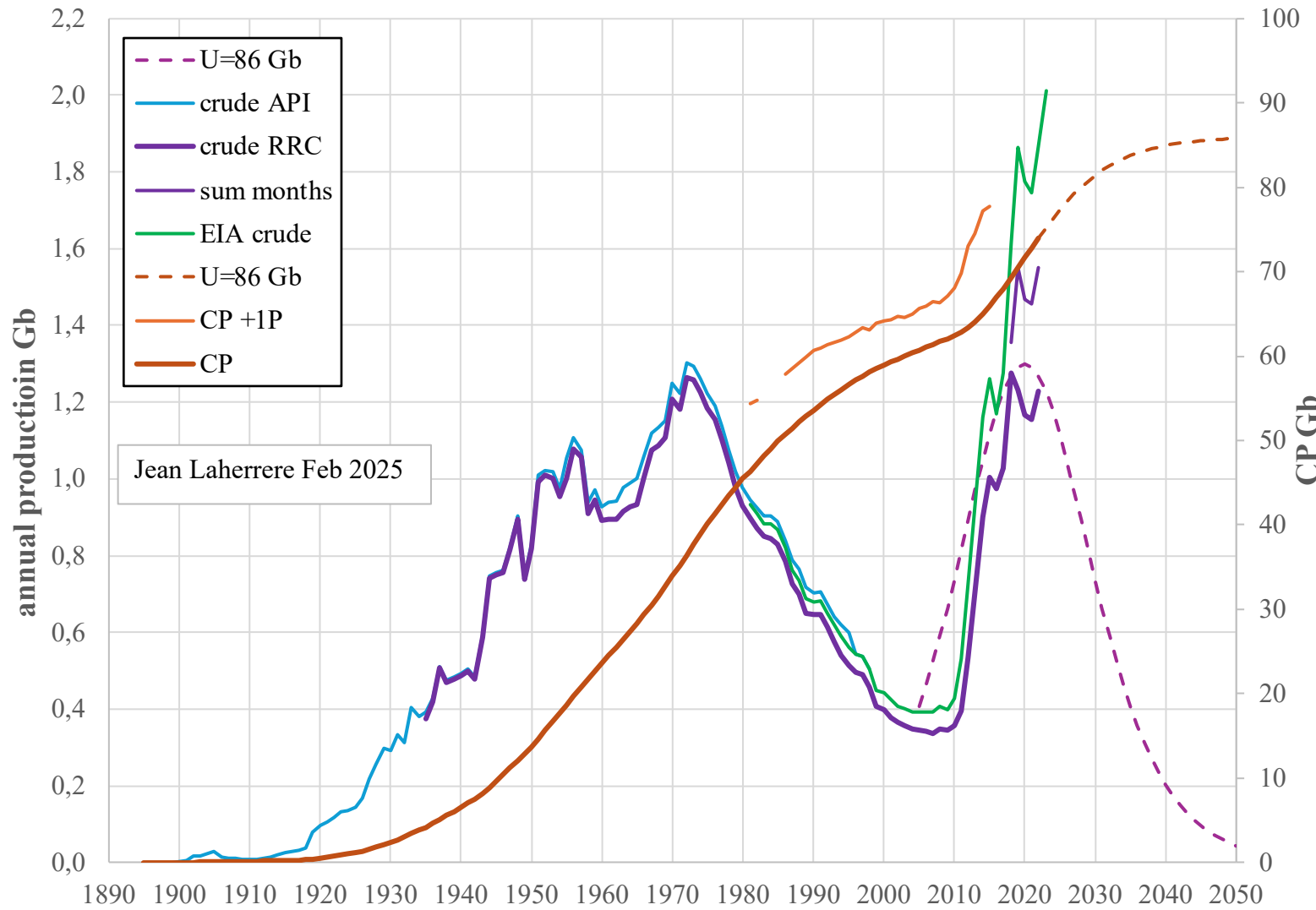
US primary energy production & consumption



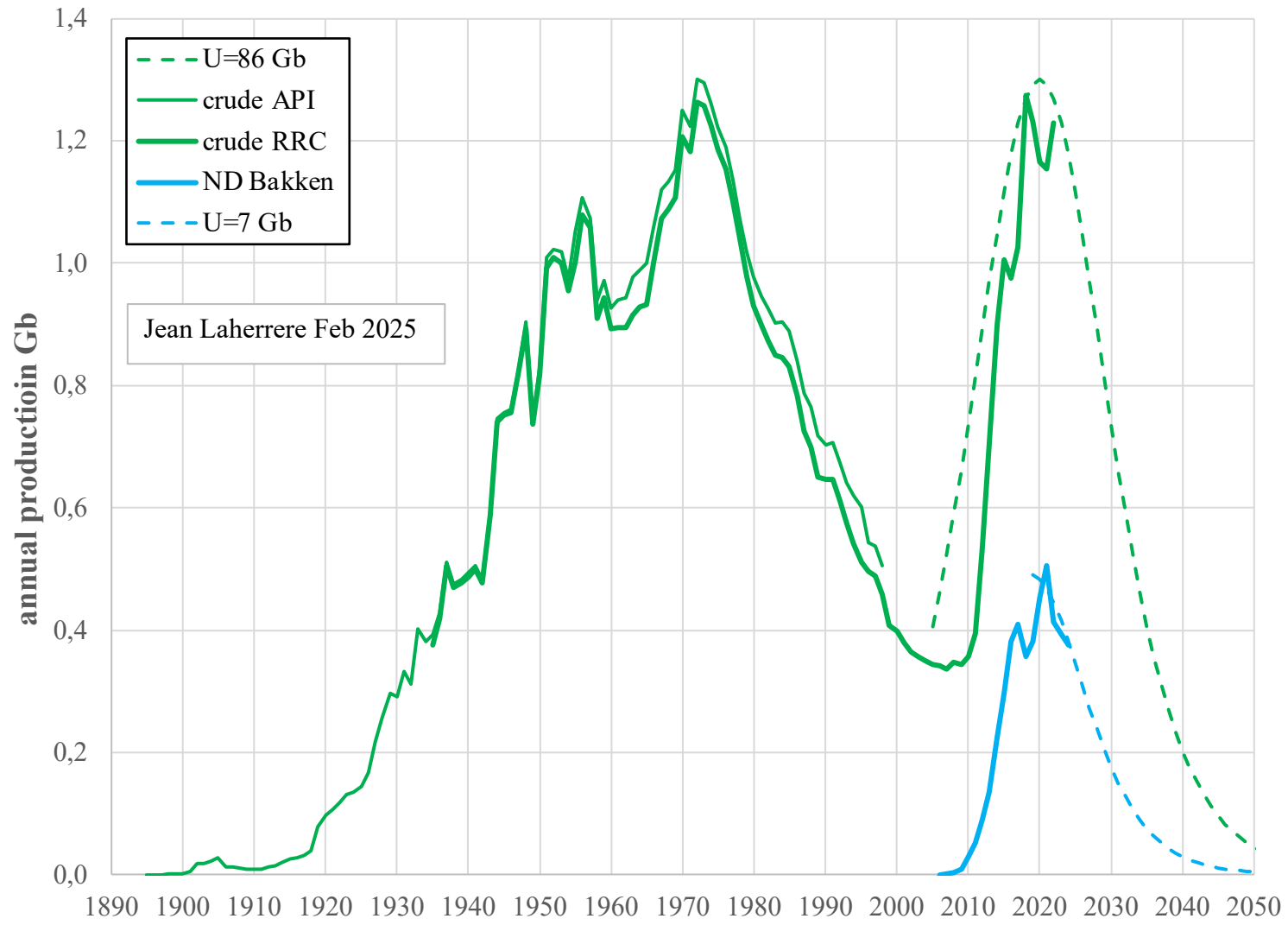
North Dakota Bakken monthly crude oil production



Texas crude oil annual production from RRC, EIA & API



Texas and ND Bakken crude oil production 1895-2050



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