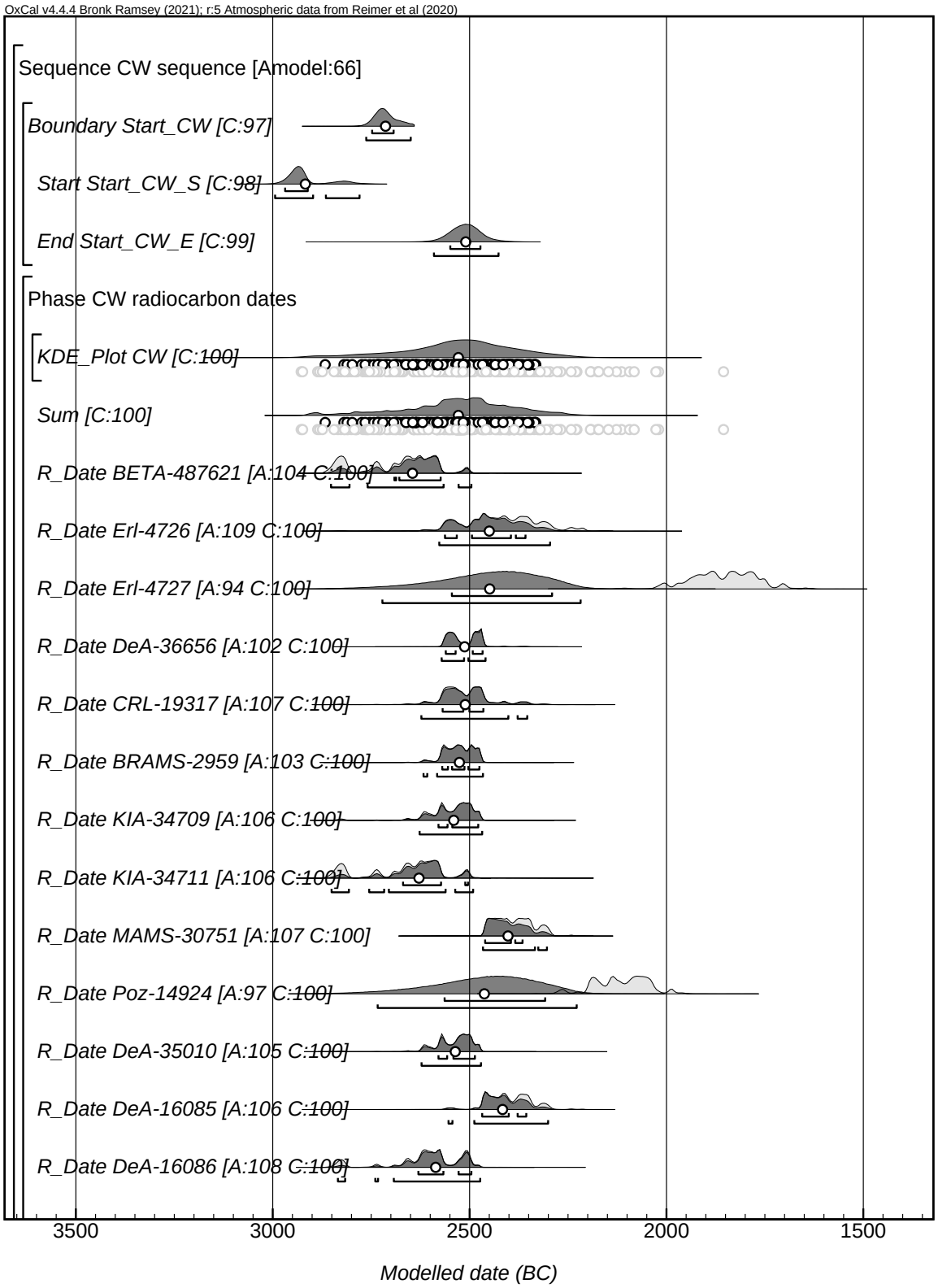
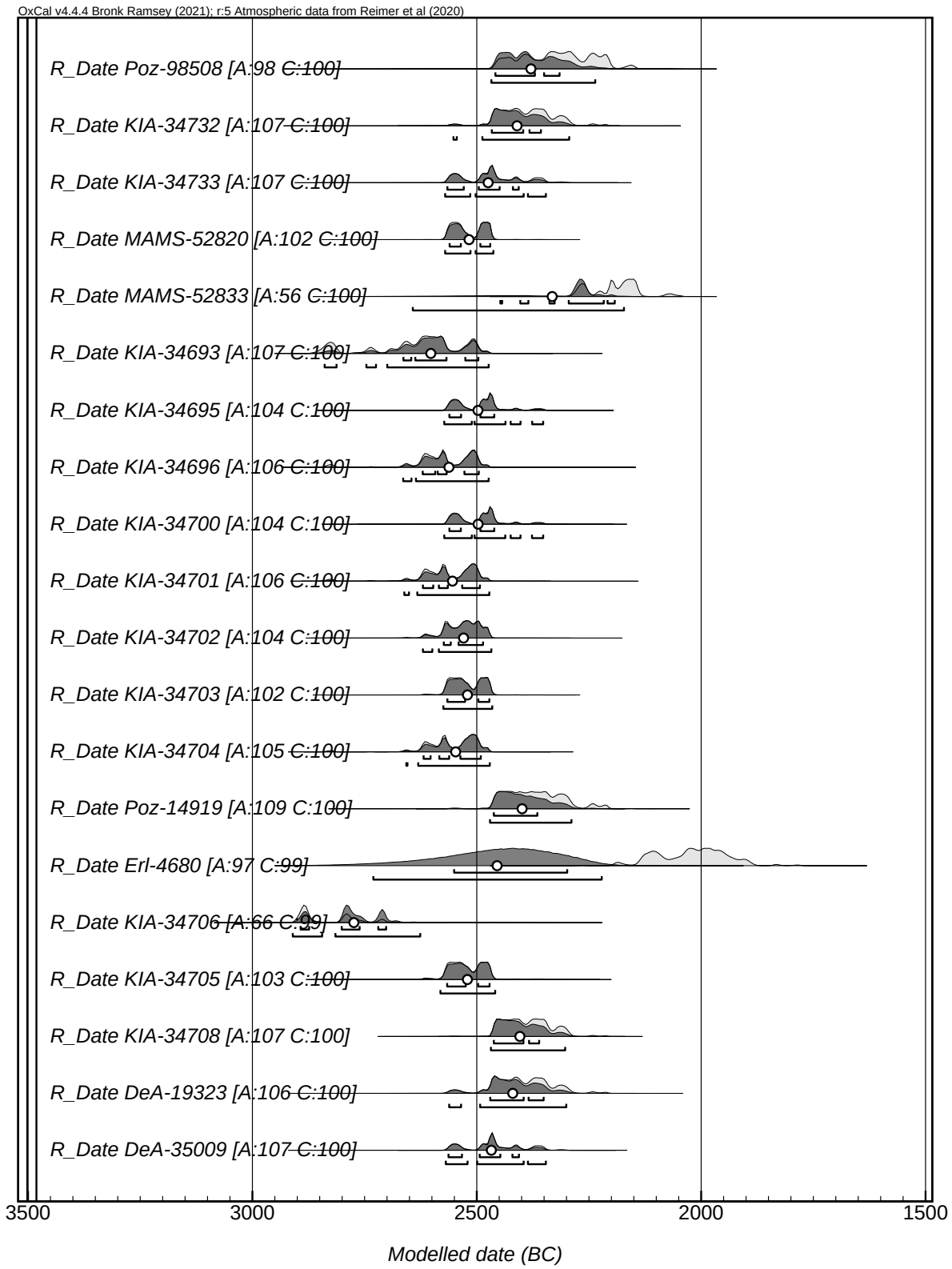
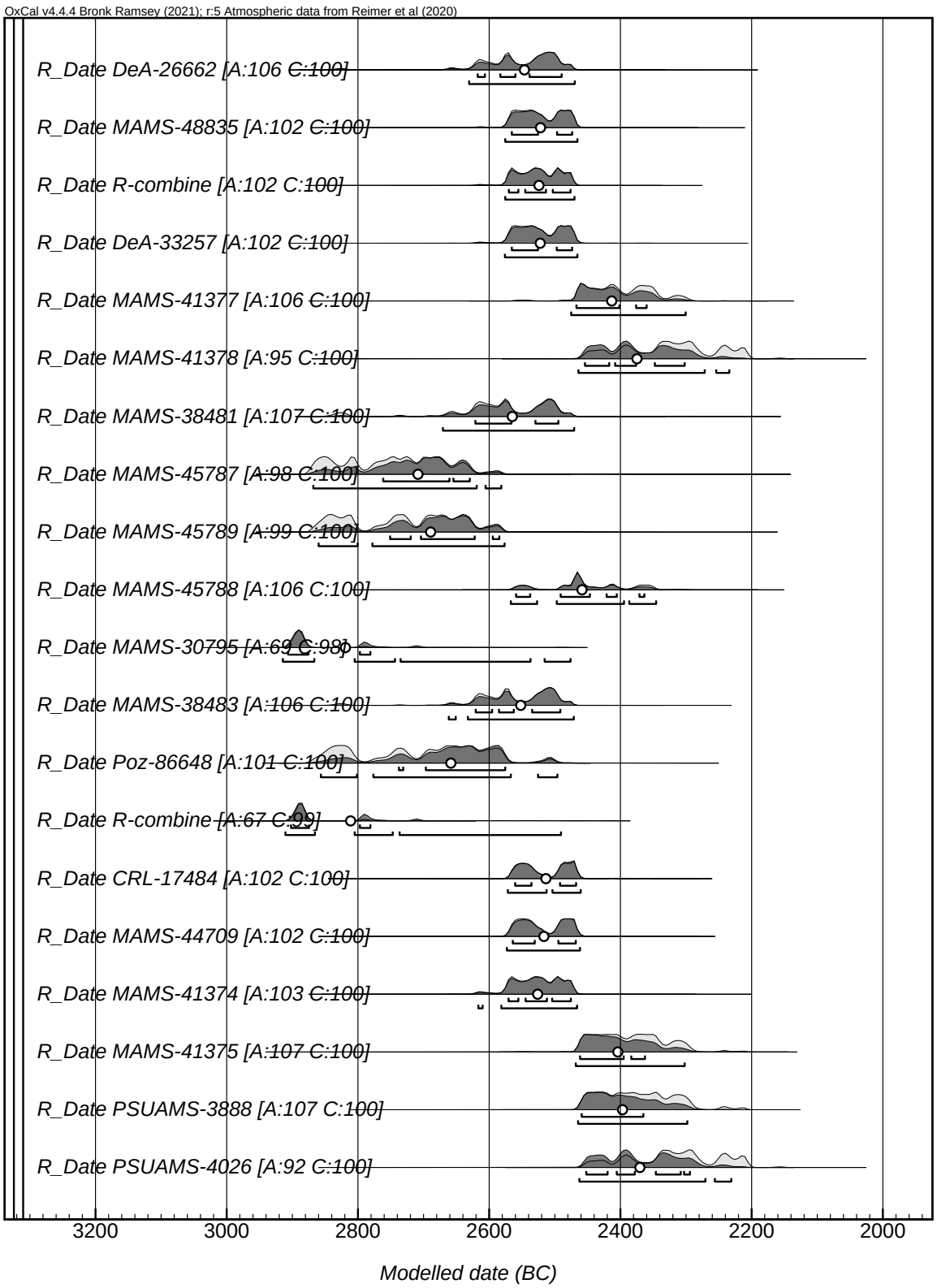
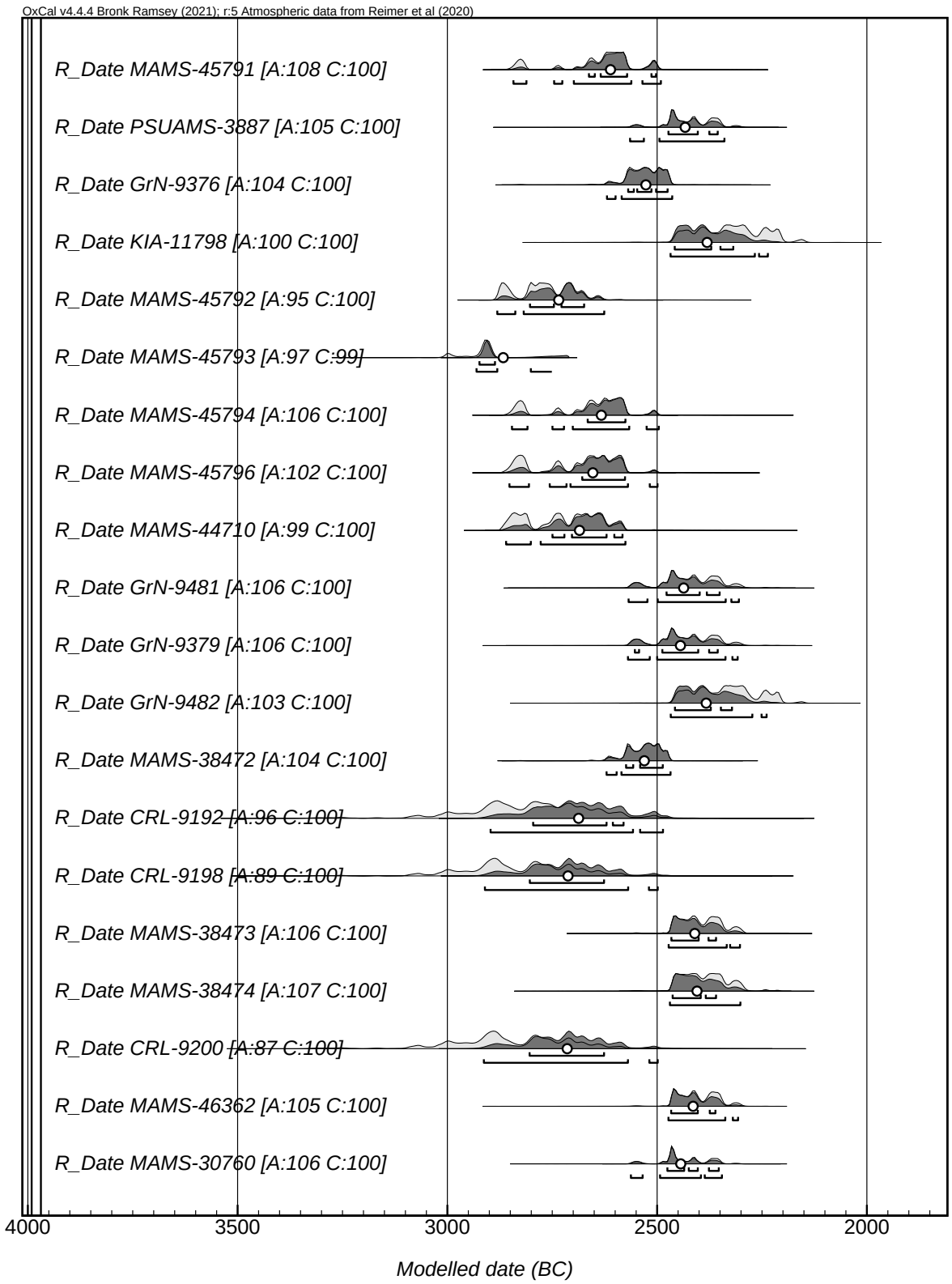
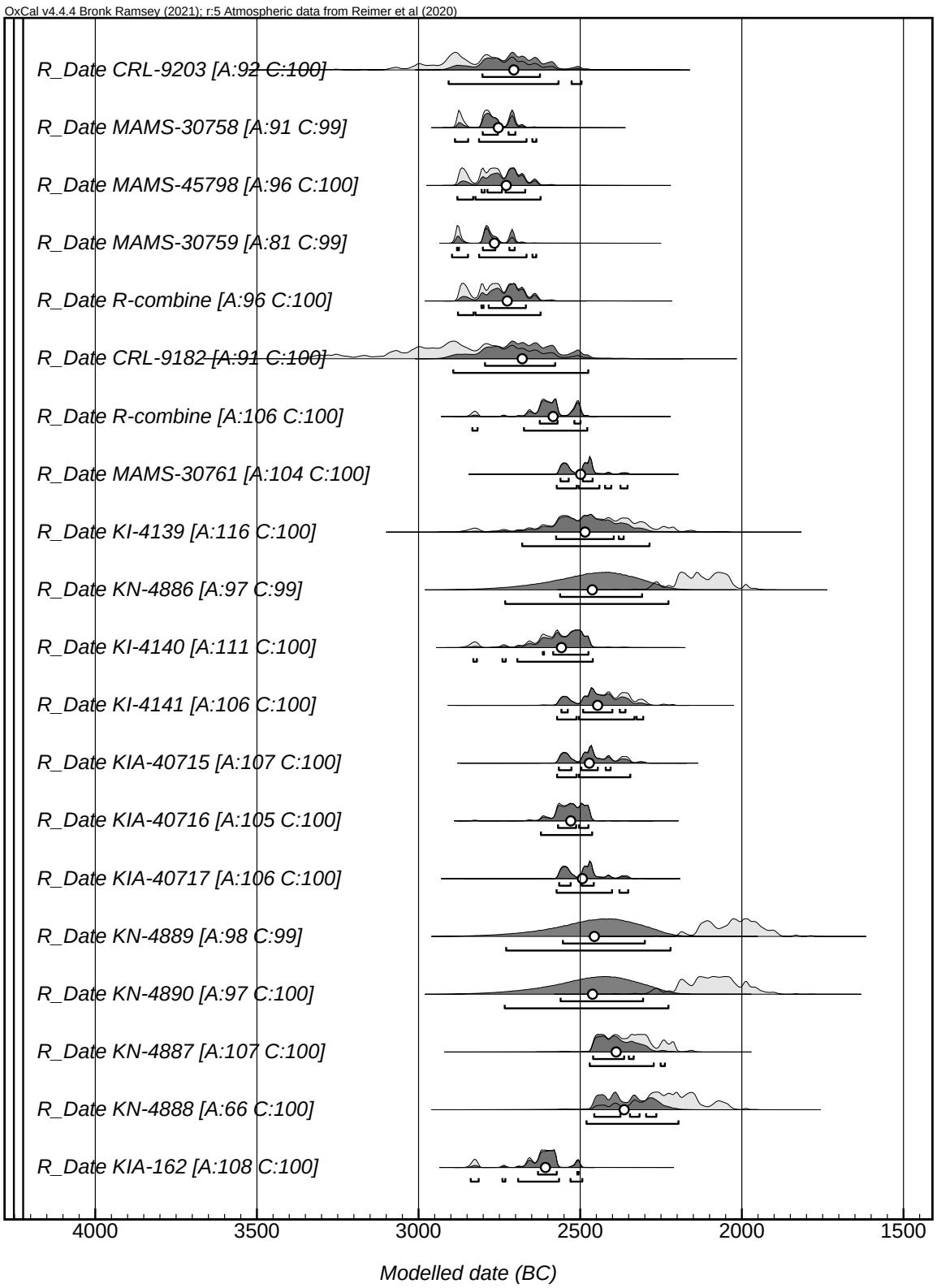
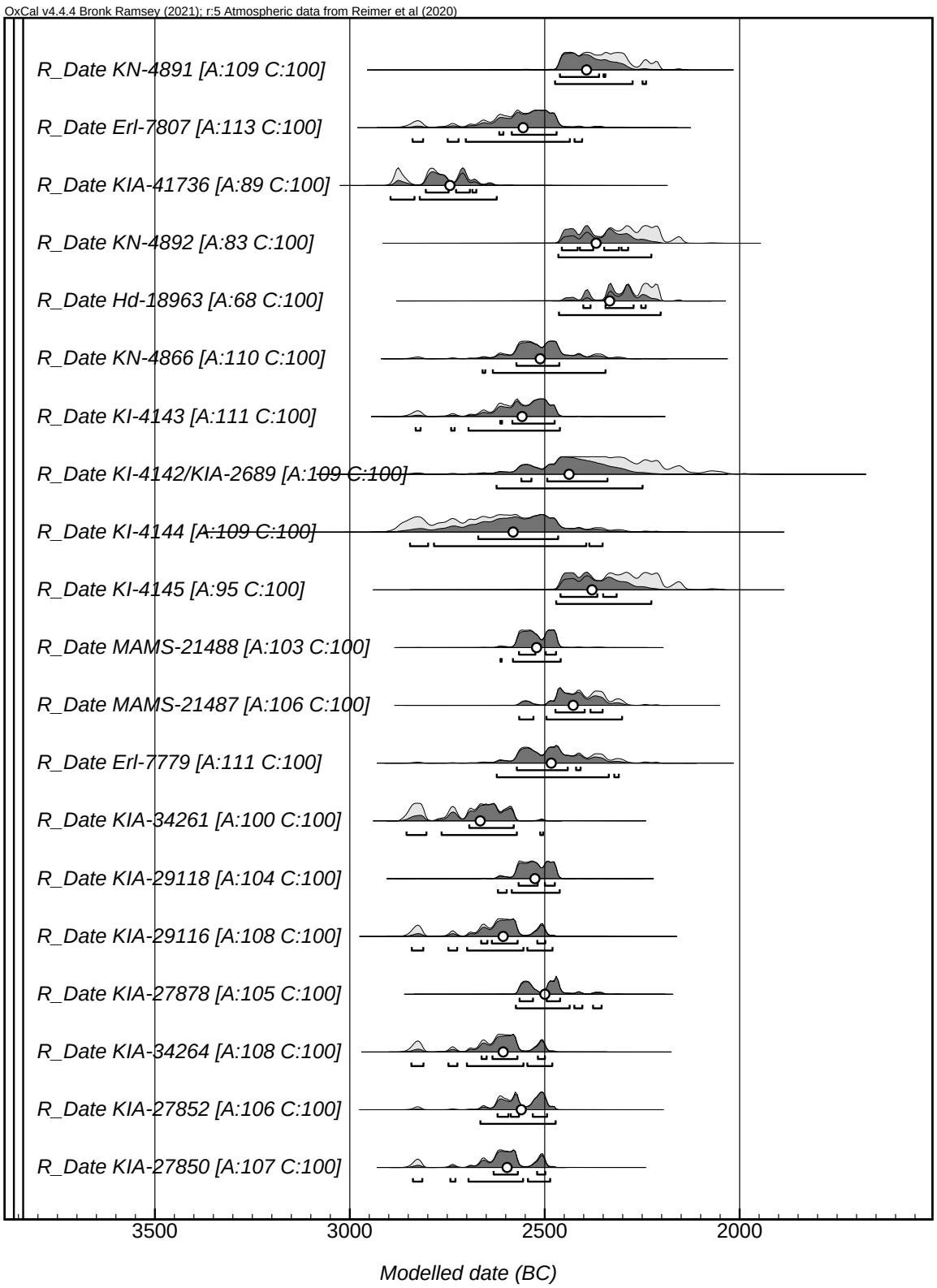

OxCal v4.4.4 Bronk Ramsey (2021); r:5 Atmospheric data from Reimer et al (2020)
Sequence CW sequence [Amodel:66]
Boundary Start_CW [C:97]
Start Start_CW_S [C:98]
End Start_CW_E [C:99]
Phase CW radiocarbon dates
KDE_Plot CW [C:100]
Sum [C:100]
R_Date BETA-487621 [A:104 C:100]
R_Date Erl-4726 [A:109 C:100]
R_Date Erl-4727 [A:94 C:100]
R_Date DeA-36656 [A:102 C:100]
R_Date CRL-19317 [A:107 C:100]
R_Date BRAMS-2959 [A:103 C:100]
R_Date KIA-34709 [A:106 C:100]
R_Date KIA-34711 [A:106 C:100]
R_Date MAMS-30751 [A:107 C:100]
R_Date Poz-14924 [A:97 C:100]
R_Date DeA-35010 [A:105 C:100]
R_Date DeA-16085 [A:106 C:100]
R_Date DeA-16086 [A:108 C:100]
3500
3000
2500
2000
1500
Modelled date (BC)

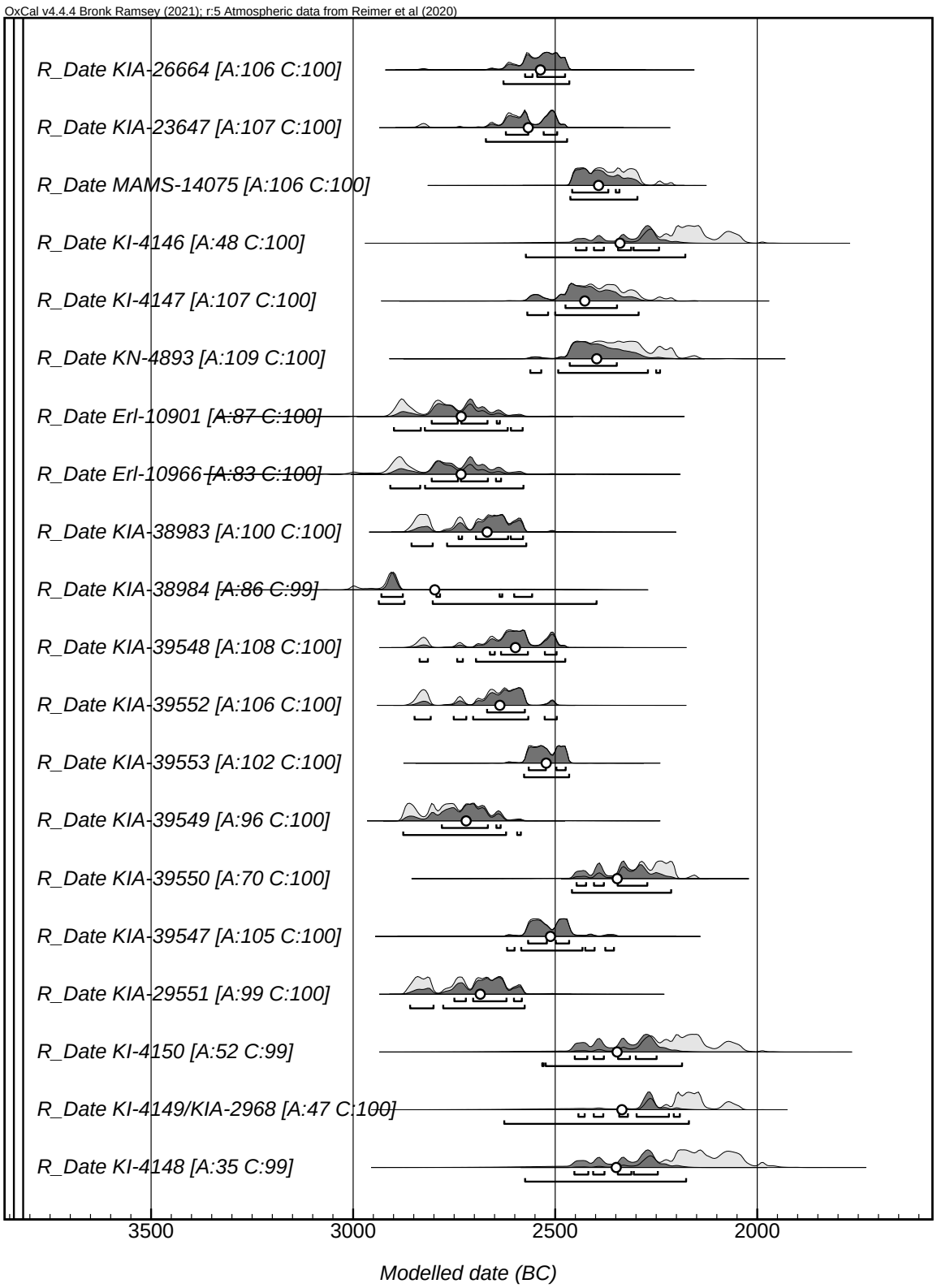

OxCal v4.4.4 Bronk Ramsey (2021); r:5 Atmospheric data from Reimer et al (2020)
R_Date Poz-98508 [A:98 C:100]
R_Date KIA-34732 [A:107 C:100]
R_Date KIA-34733 [A:107 C:100]
R_Date MAMS-52820 [A:102 C:100]
R_Date MAMS-52833 [A:56 C:100]
R_Date KIA-34693 [A:107 C:100]
R_Date KIA-34695 [A:104 C:100]
R_Date KIA-34696 [A:106 C:100]
R_Date KIA-34700 [A:104 C:100]
R_Date KIA-34701 [A:106 C:100]
R_Date KIA-34702 [A:104 C:100]
R_Date KIA-34703 [A:102 C:100]
R_Date KIA-34704 [A:105 C:100]
R_Date Poz-14919 [A:109 C:100]
R_Date Erl-4680 [A:97 C:99]
R_Date KIA-34706 [A:66 C:99]
R_Date KIA-34705 [A:103 C:100]
R_Date KIA-34708 [A:107 C:100]
R_Date DeA-19323 [A:106 C:100]
R_Date DeA-35009 [A:107 C:100]
3500
3000
2500
2000
1500
Modelled date (BC)

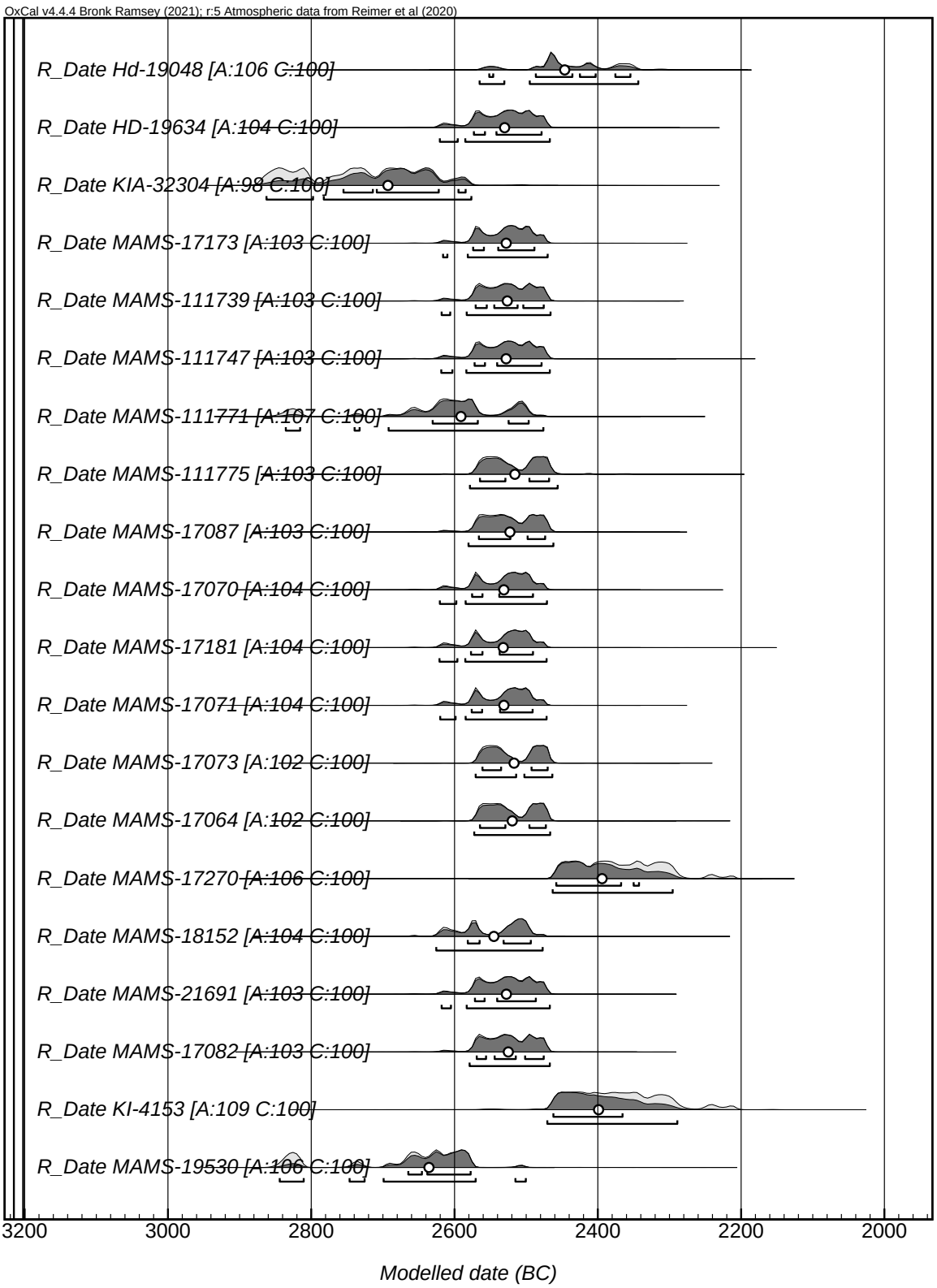

OxCal v4.4.4 Bronk Ramsey (2021); r:5 Atmospheric data from Reimer et al (2020)
R_Date DeA-26662 [A:106 C:100]
R_Date MAMS-48835 [A:102 C:100]
R_Date R-combine [A:102 C:100]
R_Date DeA-33257 [A:102 C:100]
R_Date MAMS-41377 [A:106 C:100]
R_Date MAMS-41378 [A:95 C:100]
R_Date MAMS-38481 [A:107 C:100]
R_Date MAMS-45787 [A:98 C:100]
R_Date MAMS-45789 [A:99 C:100]
R_Date MAMS-45788 [A:106 C:100]
R_Date MAMS-30795 [A:69 C:98]
R_Date MAMS-38483 [A:106 C:100]
R_Date Poz-86648 [A:101 C:100]
R_Date R-combine [A:67 C:99]
R_Date CRL-17484 [A:102 C:100]
R_Date MAMS-44709 [A:102 C:100]
R_Date MAMS-41374 [A:103 C:100]
R_Date MAMS-41375 [A:107 C:100]
R_Date PSUAMS-3888 [A:107 C:100]
R_Date PSUAMS-4026 [A:92 C:100]
3200
3000
2800
2600
2400
2200
2000
Modelled date (BC)

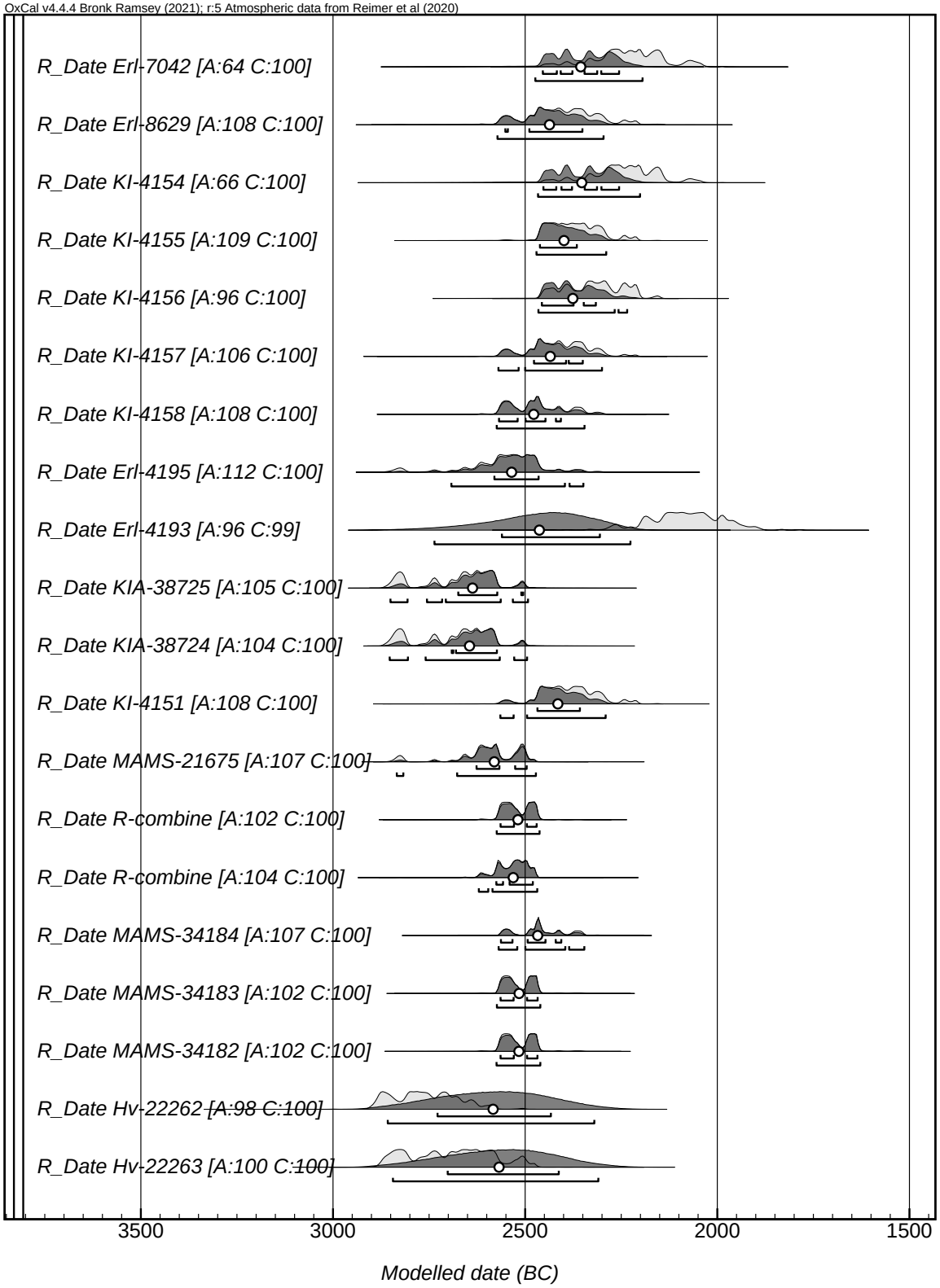

OxCal v4.4.4 Bronk Ramsey (2021); r:5 Atmospheric data from Reimer et al (2020)
R_Date MAMS-45791 [A:108 C:100]
R_Date PSUAMS-3887 [A:105 C:100]
R_Date GrN-9376 [A:104 C:100]
R_Date KIA-11798 [A:100 C:100]
R_Date MAMS-45792 [A:95 C:100]
R_Date MAMS-45793 [A:97 C:99]
R_Date MAMS-45794 [A:106 C:100]
R_Date MAMS-45796 [A:102 C:100]
R_Date MAMS-44710 [A:99 C:100]
R_Date GrN-9481 [A:106 C:100]
R_Date GrN-9379 [A:106 C:100]
R_Date GrN-9482 [A:103 C:100]
R_Date MAMS-38472 [A:104 C:100]
R_Date CRL-9192 [A:96 C:100]
R_Date CRL-9198 [A:89 C:100]
R_Date MAMS-38473 [A:106 C:100]
R_Date MAMS-38474 [A:107 C:100]
R_Date CRL-9200 [A:87 C:100]
R_Date MAMS-46362 [A:105 C:100]
R_Date MAMS-30760 [A:106 C:100]
4000
3500
3000
2500
2000
Modelled date (BC)

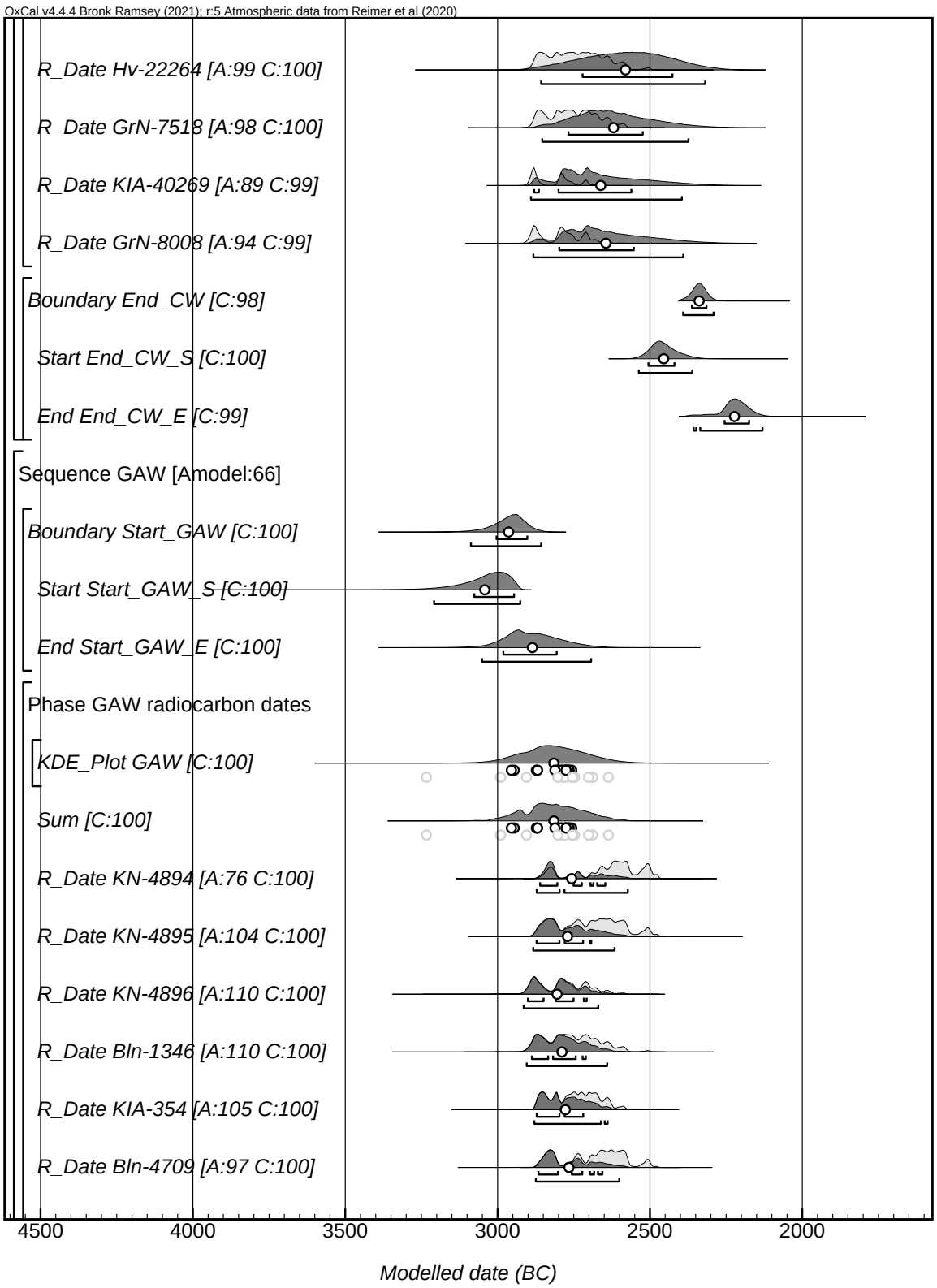

OxCal v4.4.4 Bronk Ramsey (2021); r:5 Atmospheric data from Reimer et al (2020)
R_Date CRL-9203 [A:92 C:100]
R_Date MAMS-30758 [A:91 C:99]
R_Date MAMS-45798 [A:96 C:100]
R_Date MAMS-30759 [A:81 C:99]
R_Date R-combine [A:96 C:100]
R_Date CRL-9182 [A:91 C:100]
R_Date R-combine [A:106 C:100]
R_Date MAMS-30761 [A:104 C:100]
R_Date KI-4139 [A:116 C:100]
R_Date KN-4886 [A:97 C:99]
R_Date KI-4140 [A:111 C:100]
R_Date KI-4141 [A:106 C:100]
R_Date KIA-40715 [A:107 C:100]
R_Date KIA-40716 [A:105 C:100]
R_Date KIA-40717 [A:106 C:100]
R_Date KN-4889 [A:98 C:99]
R_Date KN-4890 [A:97 C:100]
R_Date KN-4887 [A:107 C:100]
R_Date KN-4888 [A:66 C:100]
R_Date KIA-162 [A:108 C:100]
4000
3500
3000
2500
2000
1500
Modelled date (BC)

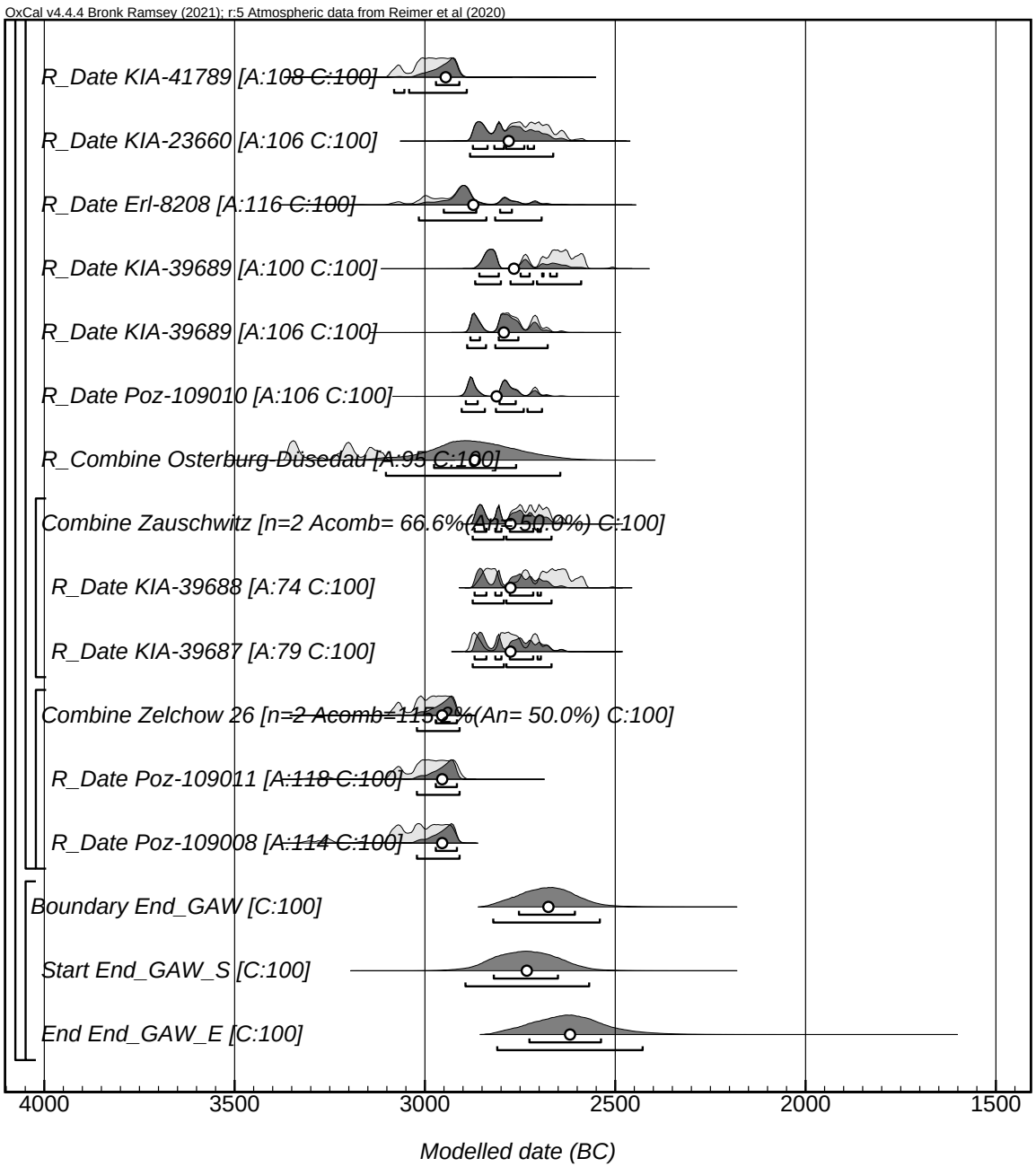

OxCal v4.4.4 Bronk Ramsey (2021); r:5 Atmospheric data from Reimer et al (2020)
R_Date KN-4891 [A:109 C:100]
R_Date Erl-7807 [A:113 C:100]
R_Date KIA-41736 [A:89 C:100]
R_Date KN-4892 [A:83 C:100]
R_Date Hd-18963 [A:68 C:100]
R_Date KN-4866 [A:110 C:100]
R_Date KI-4143 [A:111 C:100]
R_Date KI-4142/KIA-2689 [A:109 C:100]
R_Date KI-4144 [A:109 C:100]
R_Date KI-4145 [A:95 C:100]
R_Date MAMS-21488 [A:103 C:100]
R_Date MAMS-21487 [A:106 C:100]
R_Date Erl-7779 [A:111 C:100]
R_Date KIA-34261 [A:100 C:100]
R_Date KIA-29118 [A:104 C:100]
R_Date KIA-29116 [A:108 C:100]
R_Date KIA-27878 [A:105 C:100]
R_Date KIA-34264 [A:108 C:100]
R_Date KIA-27852 [A:106 C:100]
R_Date KIA-27850 [A:107 C:100]
3500
3000
2500
2000
Modelled date (BC)


OxCal v4.4.4 Bronk Ramsey (2021); r:5 Atmospheric data from Reimer et al (2020)
R_Date KIA-26664 [A:106 C:100]
R_Date KIA-23647 [A:107 C:100]
R_Date MAMS-14075 [A:106 C:100]
R_Date KI-4146 [A:48 C:100]
R_Date KI-4147 [A:107 C:100]
R_Date KN-4893 [A:109 C:100]
R_Date Erl-10901 [A:87 C:100]
R_Date Erl-10966 [A:83 C:100]
R_Date KIA-38983 [A:100 C:100]
R_Date KIA-38984 [A:86 C:99]
R_Date KIA-39548 [A:108 C:100]
R_Date KIA-39552 [A:106 C:100]
R_Date KIA-39553 [A:102 C:100]
R_Date KIA-39549 [A:96 C:100]
R_Date KIA-39550 [A:70 C:100]
R_Date KIA-39547 [A:105 C:100]
R_Date KIA-29551 [A:99 C:100]
R_Date KI-4150 [A:52 C:99]
R_Date KI-4149/KIA-2968 [A:47 C:100]
R_Date KI-4148 [A:35 C:99]
3500
3000
2500
2000
Modelled date (BC)


OxCal v4.4.4 Bronk Ramsey (2021); r:5 Atmospheric data from Reimer et al (2020)
R_Date Hd-19048 [A:106 C:100]
R_Date HD-19634 [A:104 C:100]
R_Date KIA-32304 [A:98 C:100]
R_Date MAMS-17173 [A:103 C:100]
R_Date MAMS-111739 [A:103 C:100]
R_Date MAMS-111747 [A:103 C:100]
R_Date MAMS-111771 [A:107 C:100]
R_Date MAMS-111775 [A:103 C:100]
R_Date MAMS-17087 [A:103 C:100]
R_Date MAMS-17070 [A:104 C:100]
R_Date MAMS-17181 [A:104 C:100]
R_Date MAMS-17071 [A:104 C:100]
R_Date MAMS-17073 [A:102 C:100]
R_Date MAMS-17064 [A:102 C:100]
R_Date MAMS-17270 [A:106 C:100]
R_Date MAMS-18152 [A:104 C:100]
R_Date MAMS-21691 [A:103 C:100]
R_Date MAMS-17082 [A:103 C:100]
R_Date KI-4153 [A:109 C:100]
R_Date MAMS-19530 [A:106 C:100]
3200
3000
2800
2600
2400
2200
2000
Modelled date (BC)


OxCal v4.4.4 Bronk Ramsey (2021); r:5 Atmospheric data from Reimer et al (2020)
R_Date Erl-7042 [A:64 C:100]
R_Date Erl-8629 [A:108 C:100]
R_Date KI-4154 [A:66 C:100]
R_Date KI-4155 [A:109 C:100]
R_Date KI-4156 [A:96 C:100]
R_Date KI-4157 [A:106 C:100]
R_Date KI-4158 [A:108 C:100]
R_Date Erl-4195 [A:112 C:100]
R_Date Erl-4193 [A:96 C:99]
R_Date KIA-38725 [A:105 C:100]
R_Date KIA-38724 [A:104 C:100]
R_Date KI-4151 [A:108 C:100]
R_Date MAMS-21675 [A:107 C:100]
R_Date R-combine [A:102 C:100]
R_Date R-combine [A:104 C:100]
R_Date MAMS-34184 [A:107 C:100]
R_Date MAMS-34183 [A:102 C:100]
R_Date MAMS-34182 [A:102 C:100]
R_Date Hv-22262 [A:98 C:100]
R_Date Hv-22263 [A:100 C:100]
3500
3000
2500
2000
1500
Modelled date (BC)


OxCal v4.4.4 Bronk Ramsey (2021); r:5 Atmospheric data from Reimer et al (2020)
R_Date Hv-22264 [A:99 C:100]
R_Date GrN-7518 [A:98 C:100]
R_Date KIA-40269 [A:89 C:99]
R_Date GrN-8008 [A:94 C:99]
Boundary End_CW [C:98]
Start End_CW_S [C:100]
End End_CW_E [C:99]
Sequence GAW [Amodel:66]
Boundary Start_GAW [C:100]
Start Start_GAW_S [C:100]
End Start_GAW_E [C:100]
Phase GAW radiocarbon dates
KDE_Plot GAW [C:100]
Sum [C:100]
R_Date KN-4894 [A:76 C:100]
R_Date KN-4895 [A:104 C:100]
R_Date KN-4896 [A:110 C:100]
R_Date Bln-1346 [A:110 C:100]
R_Date KIA-354 [A:105 C:100]
R_Date Bln-4709 [A:97 C:100]
4500
4000
3500
3000
2500
2000
Modelled date (BC)


OxCal v4.4.4 Bronk Ramsey (2021); r:5 Atmospheric data from Reimer et al (2020)
R_Date KIA-41789 [A:108 C:100]
R_Date KIA-23660 [A:106 C:100]
R_Date Erl-8208 [A:116 C:100]
R_Date KIA-39689 [A:100 C:100]
R_Date KIA-39689 [A:106 C:100]
R_Date Poz-109010 [A:106 C:100]
R_Combine Osterburg-Düsedau [A:95 C:100]
Combine Zauschwitz [n=2 Acomb= 66.6%(An= 50.0%) C:100]
R_Date KIA-39688 [A:74 C:100]
R_Date KIA-39687 [A:79 C:100]
Combine Zelchow 26 [n=2 Acomb=115.2%(An= 50.0%) C:100]
R_Date Poz-109011 [A:118 C:100]
R_Date Poz-109008 [A:114 C:100]
Boundary End_GAW [C:100]
Start End_GAW_S [C:100]
End End_GAW_E [C:100]
4000
3500
3000
2500
2000
1500
Modelled date (BC)