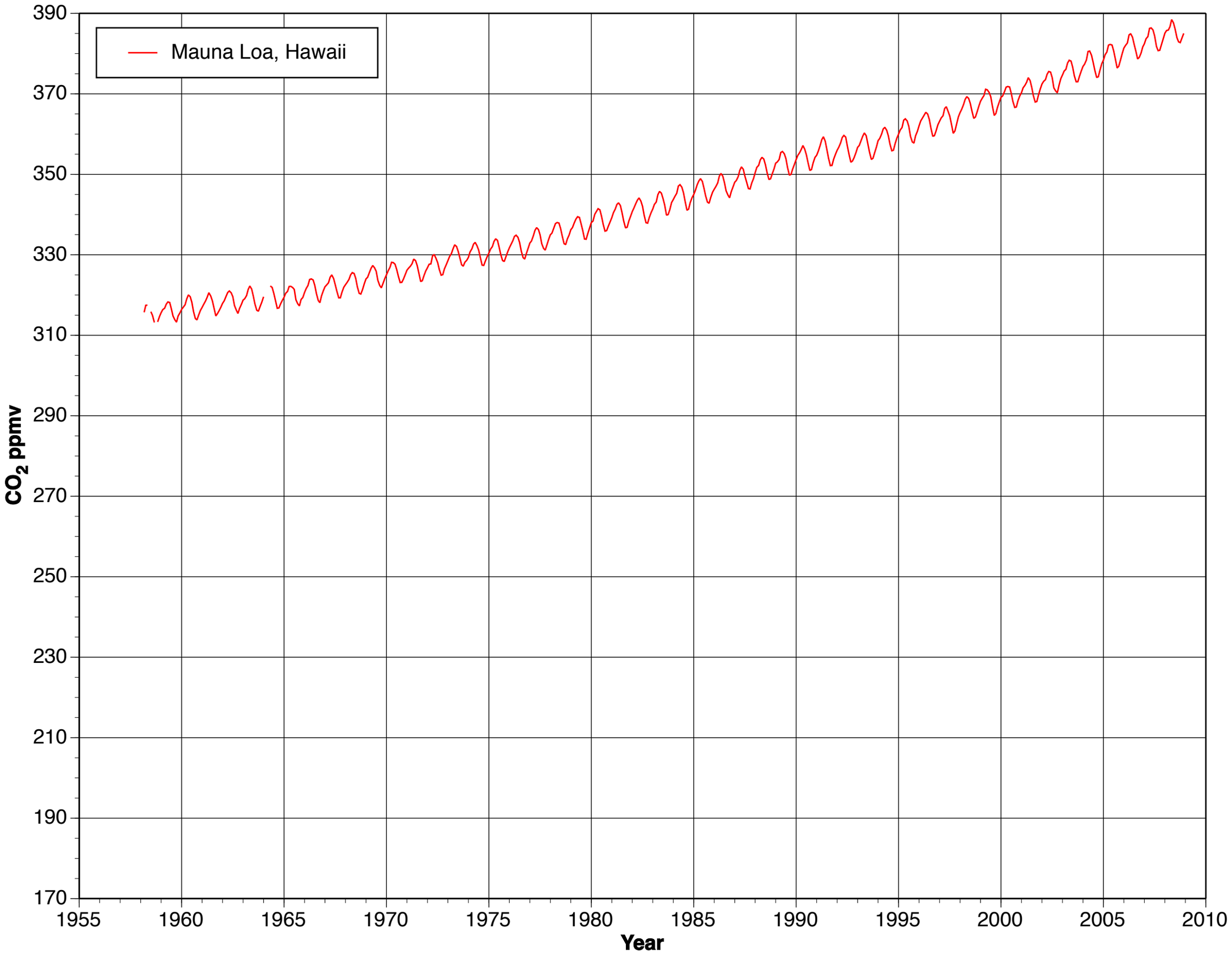
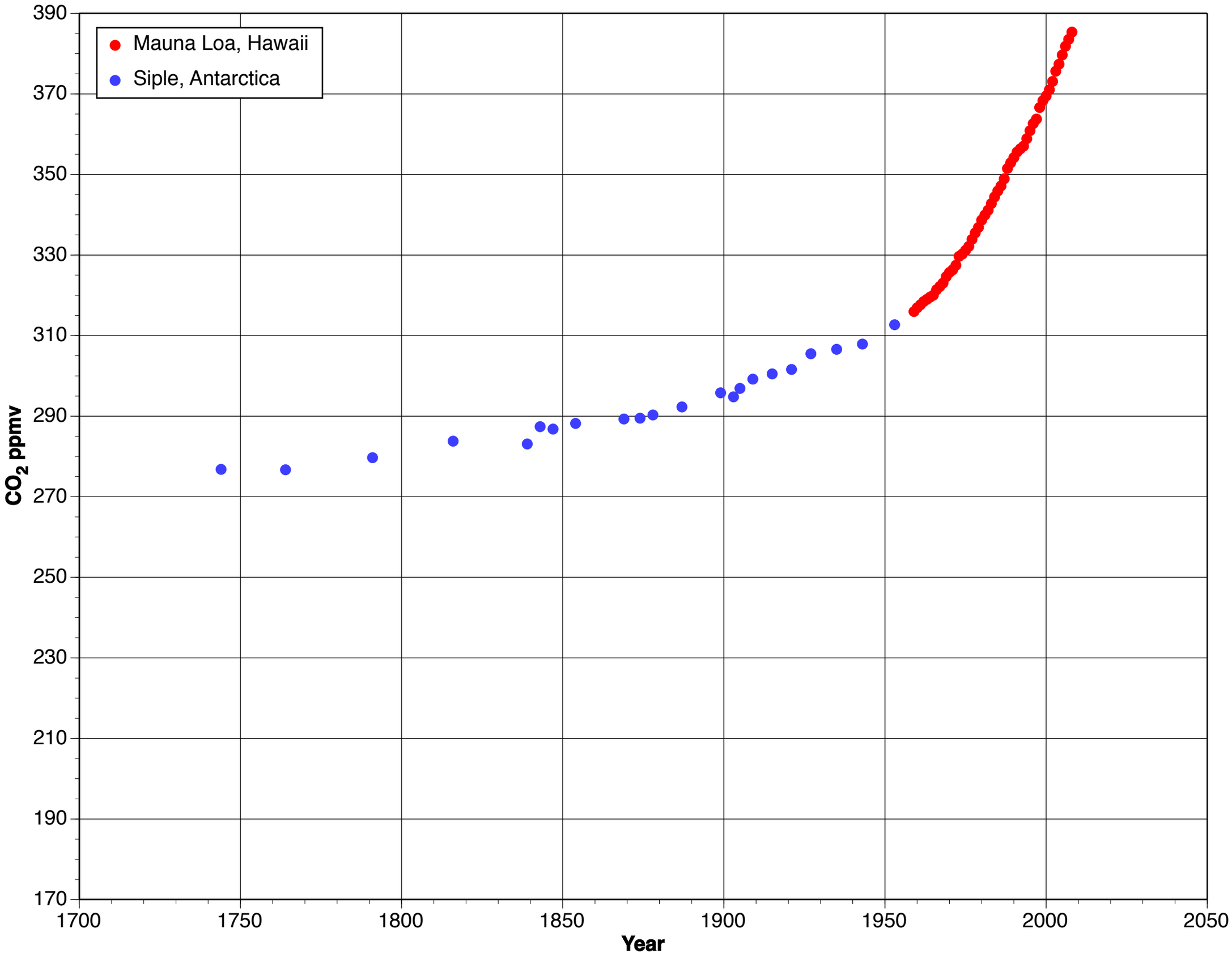
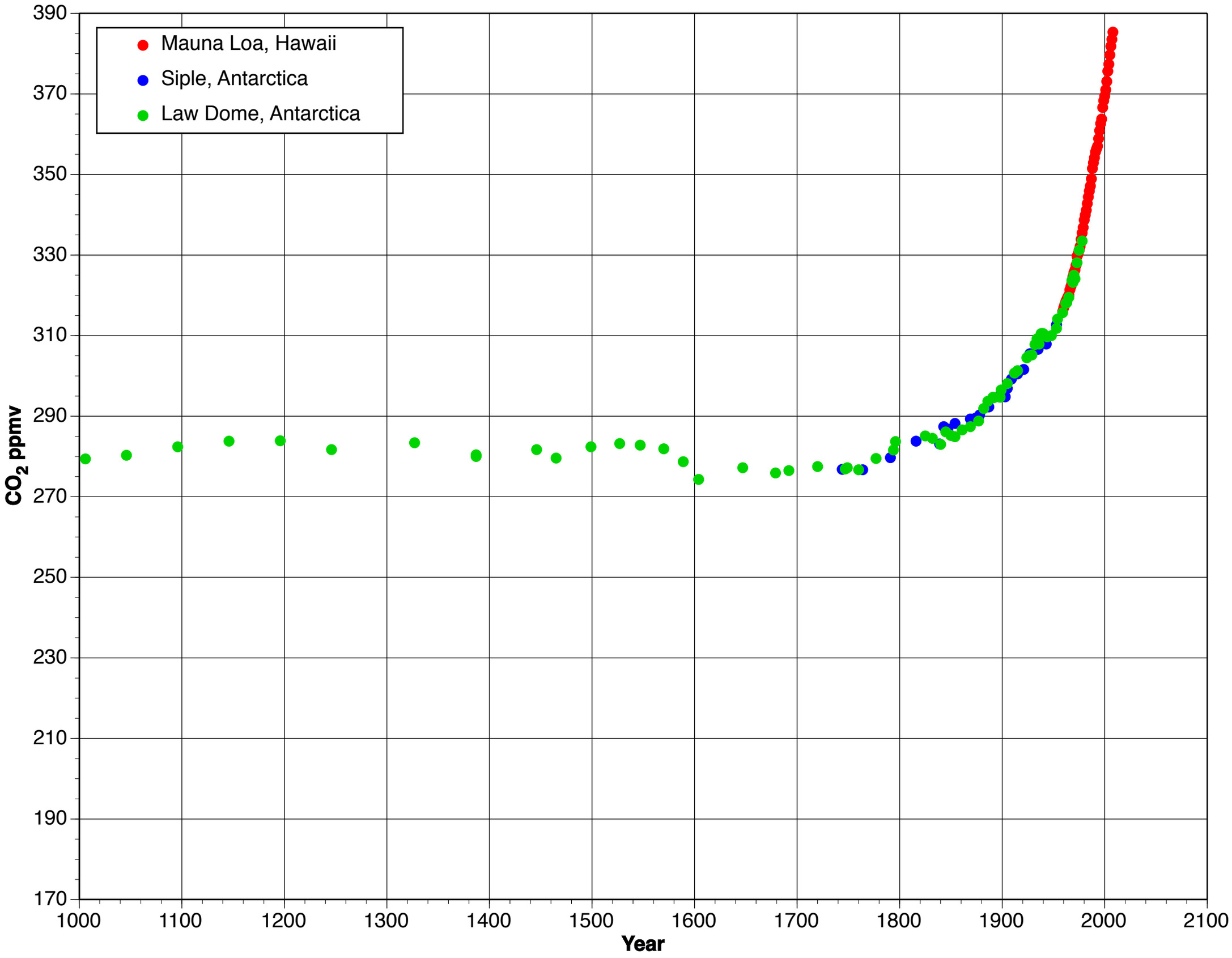
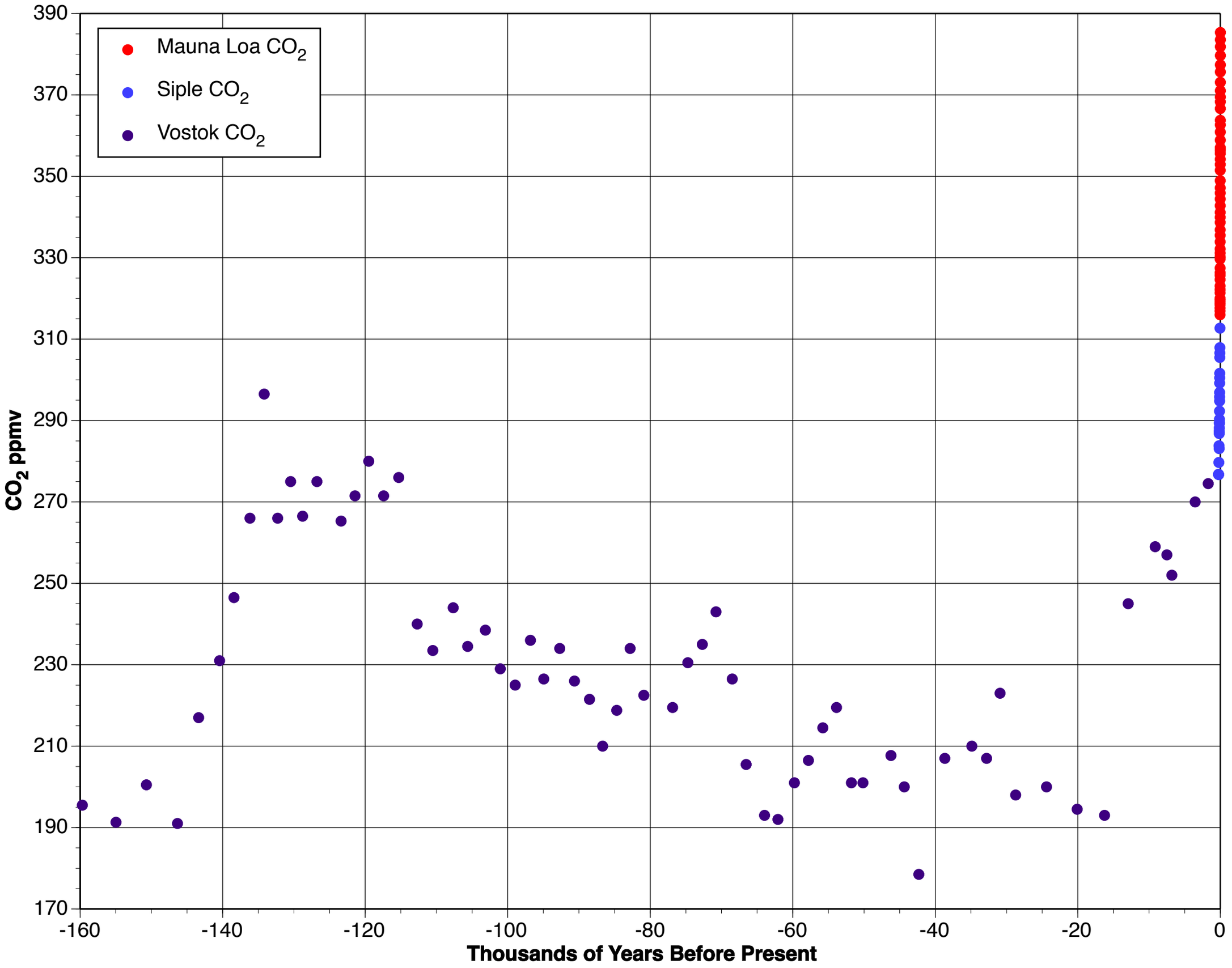
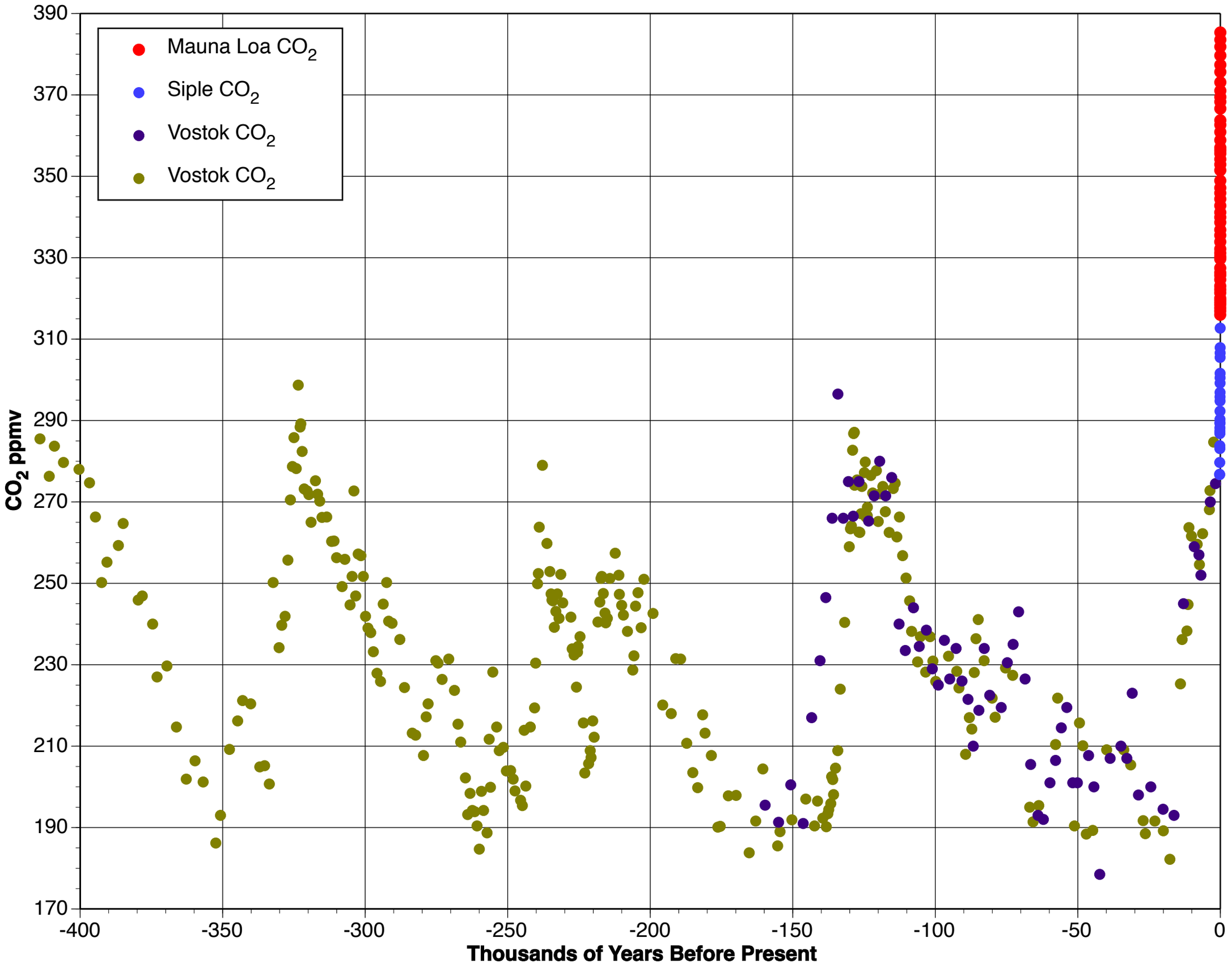
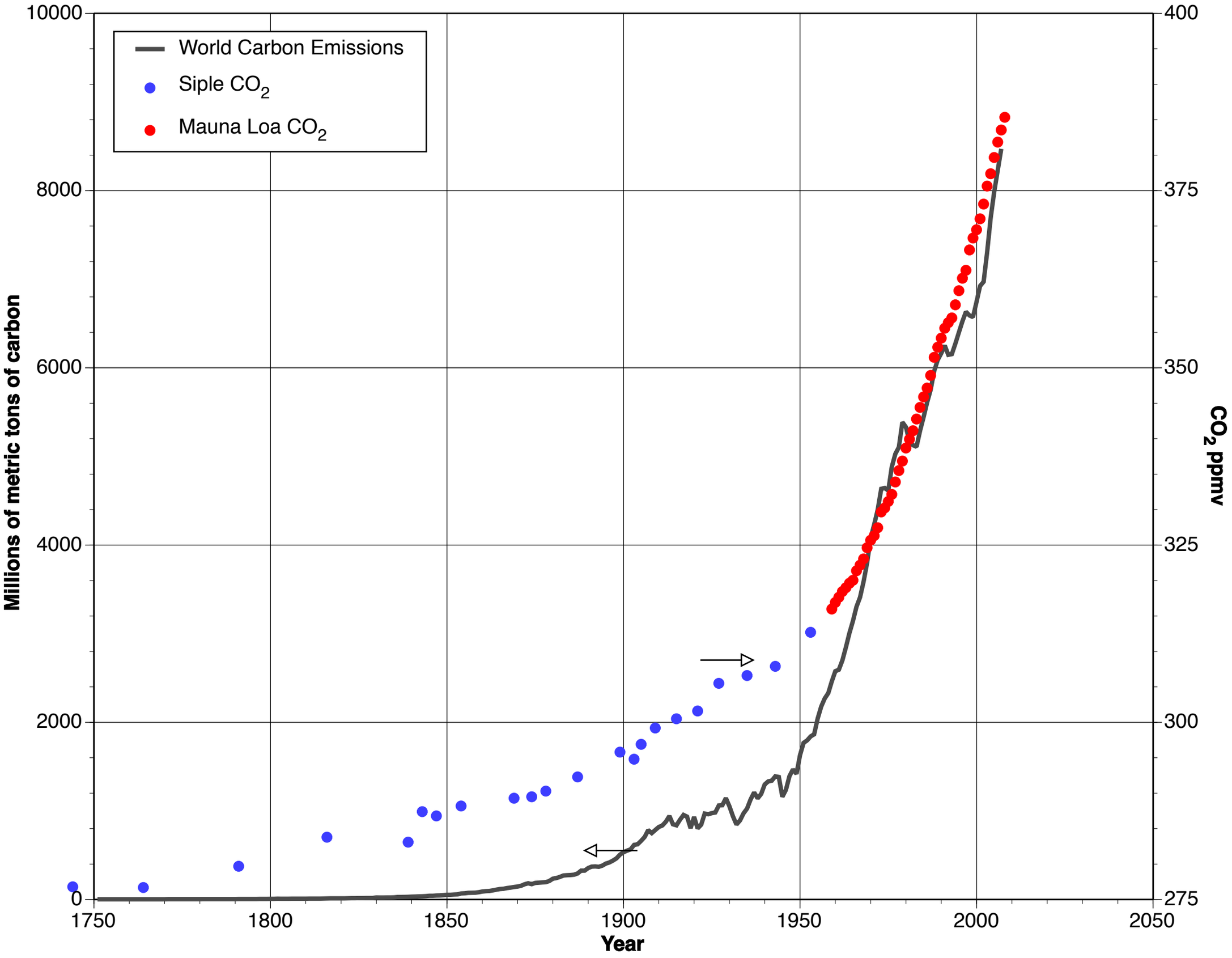

Mauna Loa, Hawaii
390
370
350
330
310
290
270
250
230
210
190
170
CO_2 ppmv
1955
1960
1965
1970
1975
1980
1985
1990
1995
2000
2005
2010
Year


Mauna Loa, Hawaii
Siple, Antarctica
390
370
350
330
310
290
270
250
230
210
190
170
CO_2 ppmv
1700
1750
1800
1850
1900
1950
2000
2050
Year


Mauna Loa, Hawaii
Siple, Antarctica
Law Dome, Antarctica
390
370
350
330
310
290
270
250
230
210
190
170
CO_2 ppmv
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
Year


Mauna Loa CO_2
Siple CO_2
Vostok CO_2
CO_2 ppmv
390
370
350
330
310
290
270
250
230
210
190
170
-160
-140
-120
-100
-80
-60
-40
-20
0
Thousands of Years Before Present


Mauna Loa CO_2
Siple CO_2
Vostok CO_2
Vostok CO_2
CO_2 ppmv
390
370
350
330
310
290
270
250
230
210
190
170
-400
-350
-300
-250
-200
-150
-100
-50
0
Thousands of Years Before Present


World Carbon Emissions
Siple CO_2
Mauna Loa CO_2
Millions of metric tons of carbon
CO_2 ppmv
Year
10000
8000
6000
4000
2000
0
400
375
350
325
300
275
1750
1800
1850
1900
1950
2000
2050