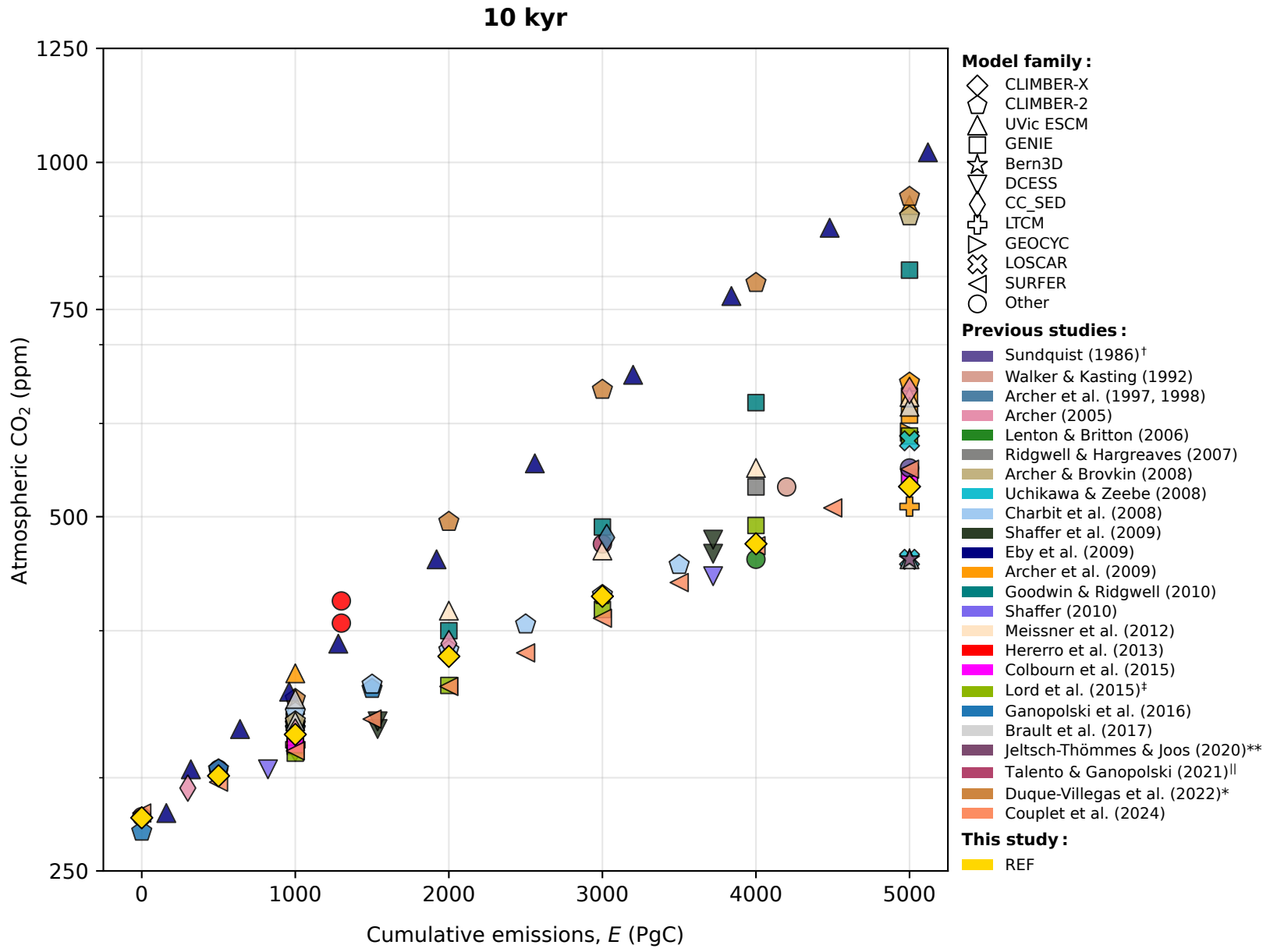
10 kyr
1250
1000
750
500
250
Atmospheric CO_2 (ppm)
0
1000
2000
3000
4000
5000
Cumulative emissions, E (PgC)
Model family :
CLIMBER-X
CLIMBER-2
UVic ESCM
GENIE
Bern3D
DCESS
CC_SED
LTCM
GEOCYC
LOSCAR
SURFER
Other
Previous studies :
Sundquist (1986)†
Walker & Kasting (1992)
Archer et al. (1997, 1998)
Archer (2005)
Lenton & Britton (2006)
Ridgwell & Hargreaves (2007)
Archer & Brovkin (2008)
Uchikawa & Zeebe (2008)
Charbit et al. (2008)
Shaffer et al. (2009)
Eby et al. (2009)
Archer et al. (2009)
Goodwin & Ridgwell (2010)
Shaffer (2010)
Meissner et al. (2012)
Hererro et al. (2013)
Colbourn et al. (2015)
Lord et al. (2015)‡
Ganopolski et al. (2016)
Brault et al. (2017)
Jeltsch-Thömmes & Joos (2020)**
Talento & Ganopolski (2021)‖
Duque-Villegas et al. (2022)*
Couplet et al. (2024)
This study :
REF