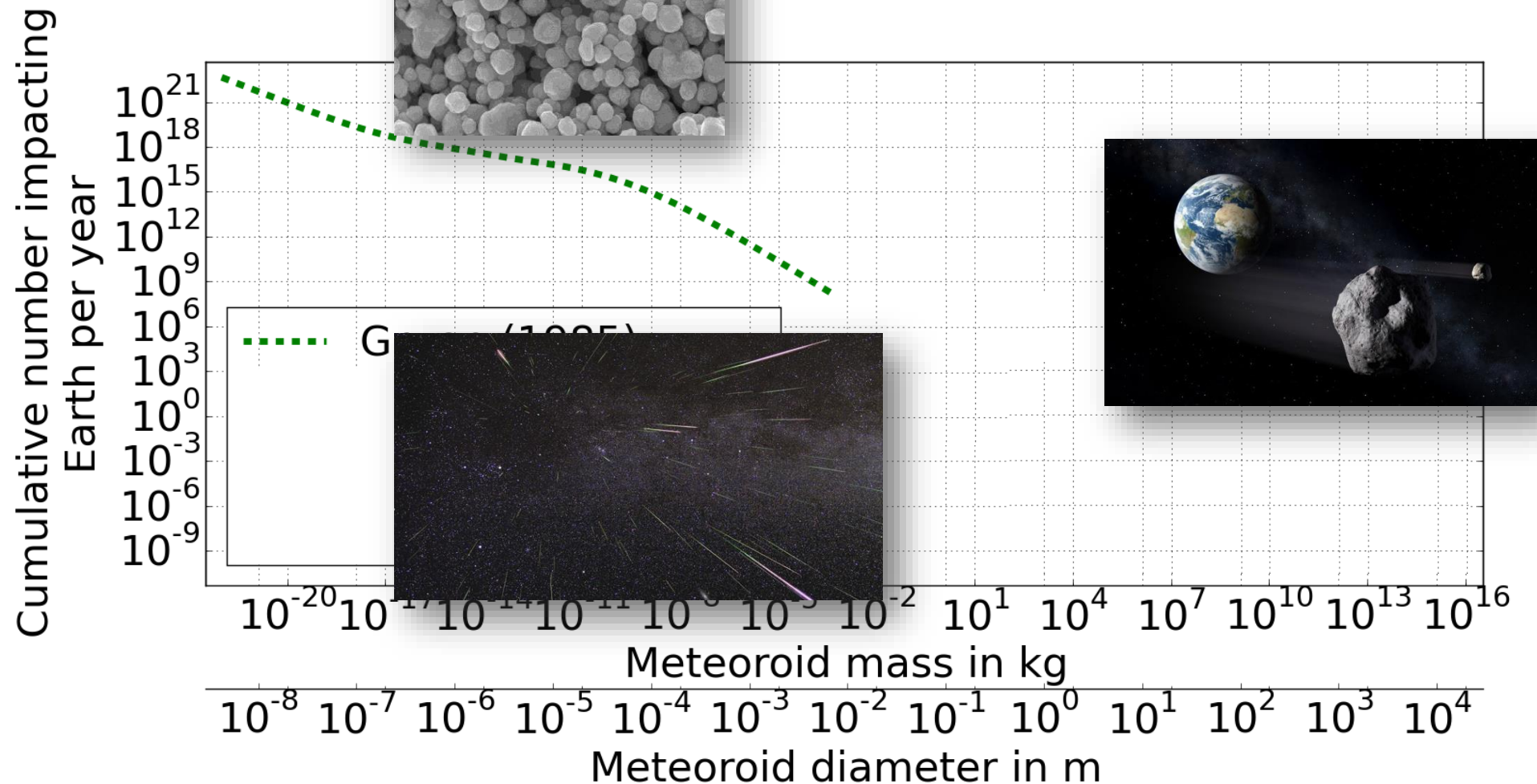


Mass Accumulation of Earth from Interplanetary Dust, Meteoroids, Asteroids and Comets

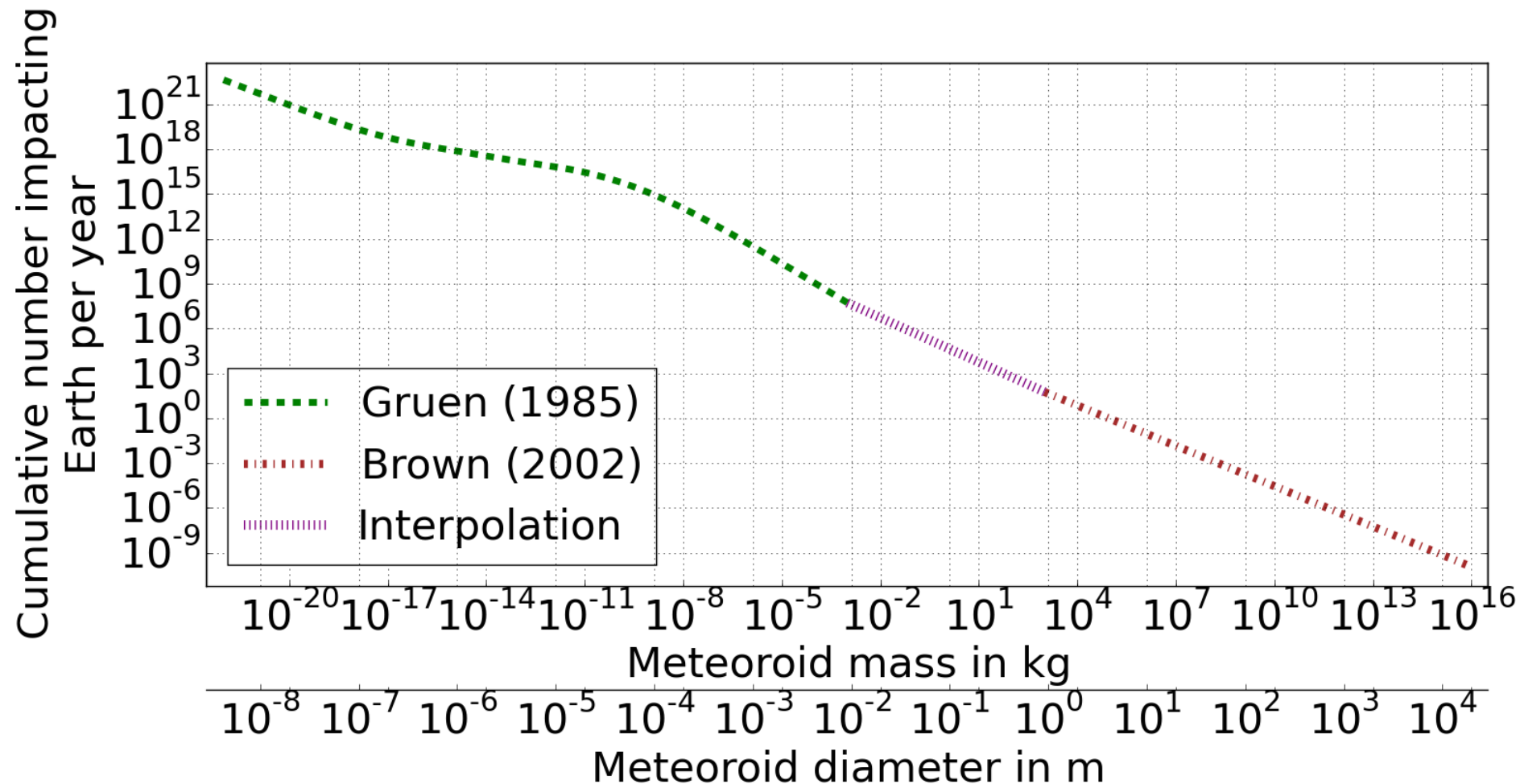
Sandra Drolshagen, Jana Kretschmer, Detlef Koschny,
Gerhard Drolshagen, Björn Poppe

Basic flux models



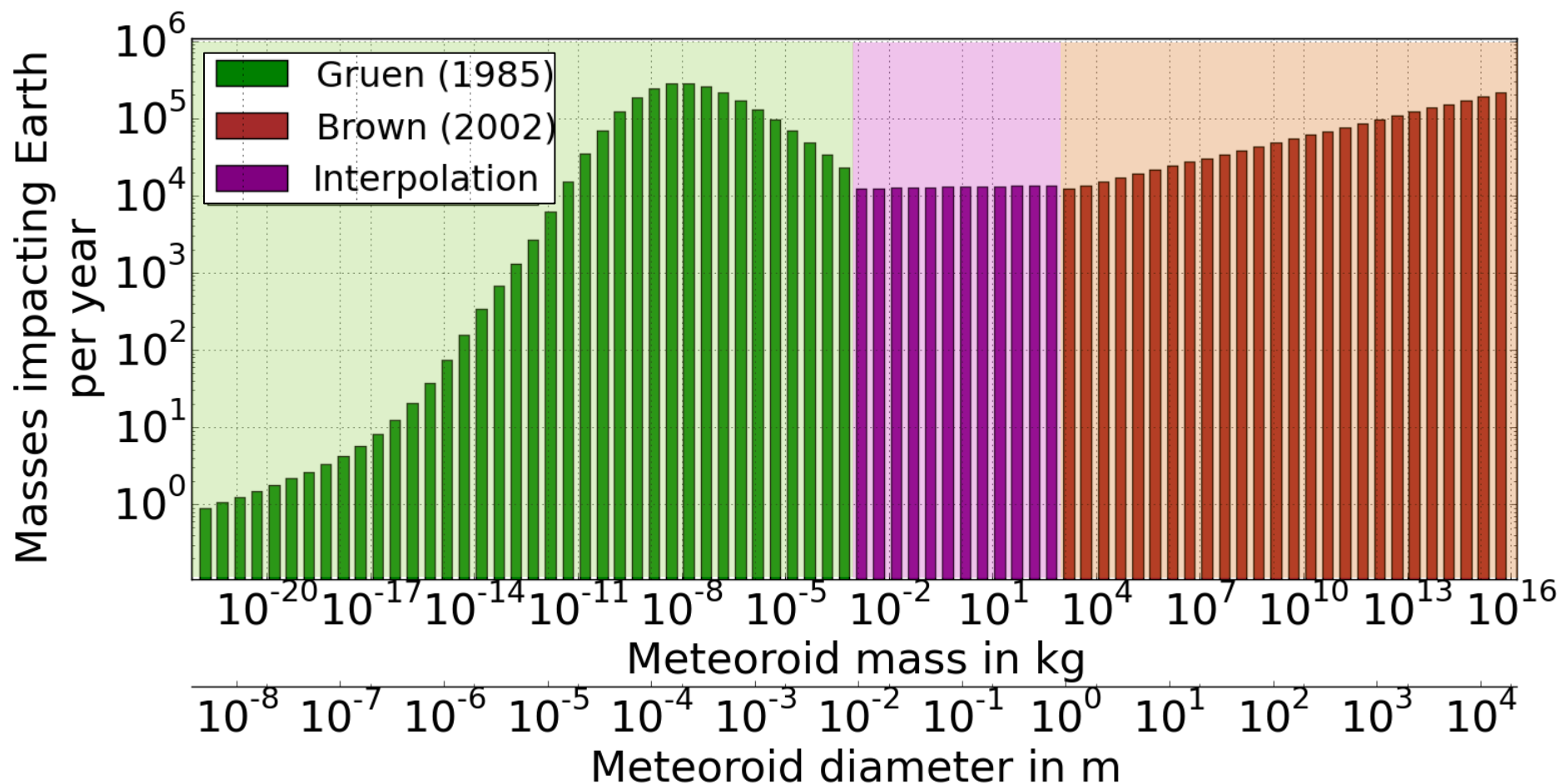
Basic flux models

Interpolation



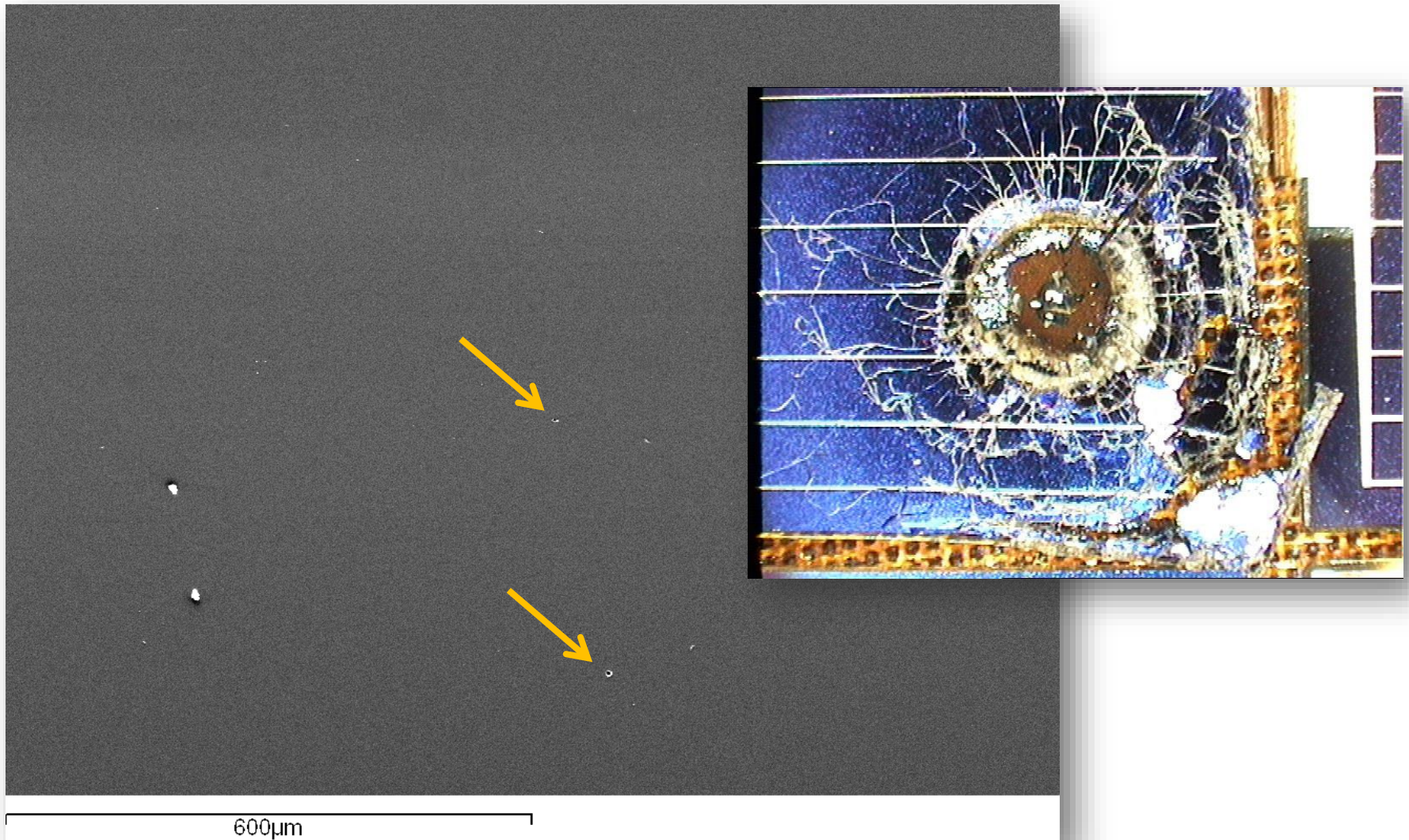
Basic flux models

Masses impacting Earth



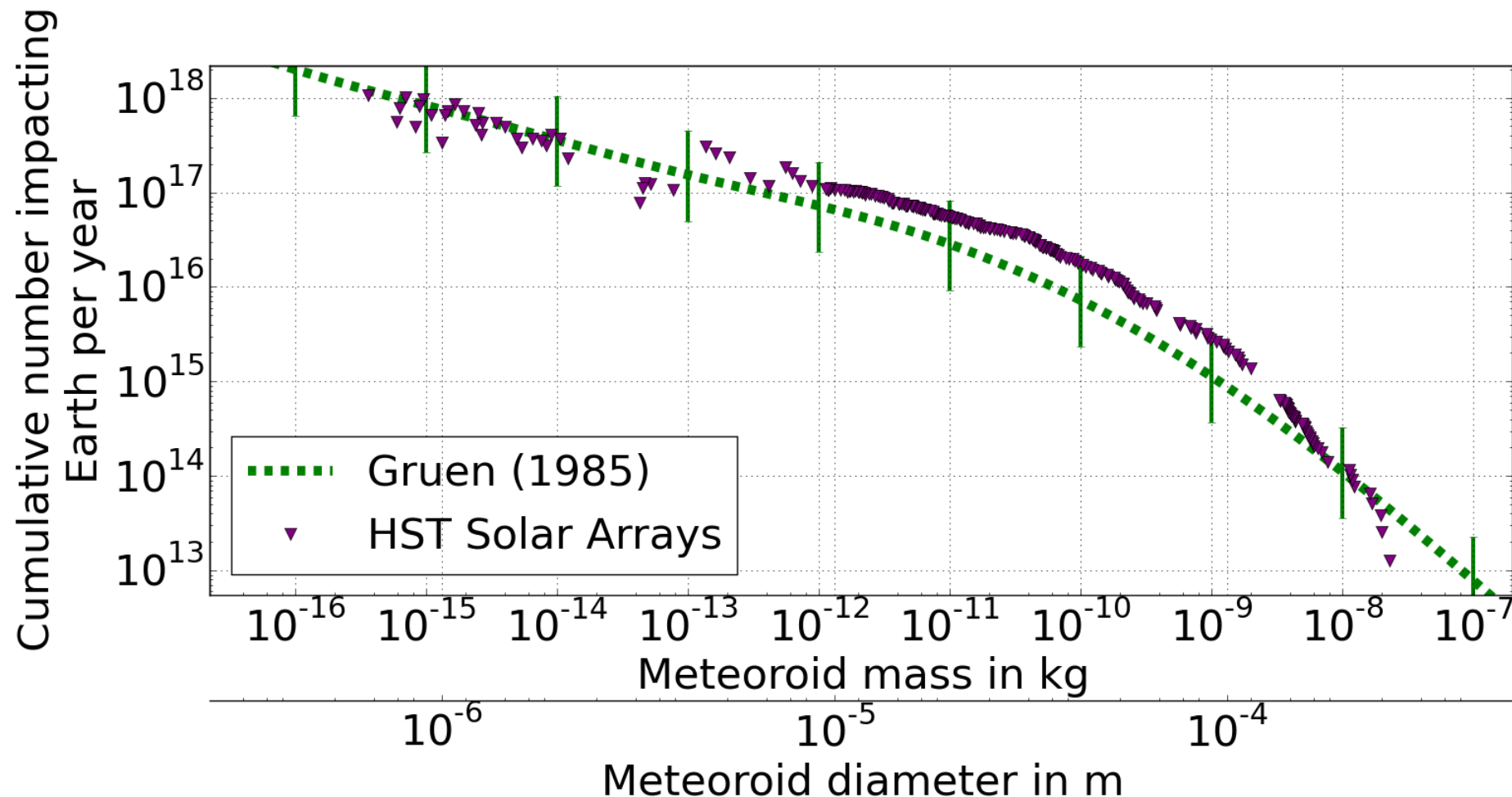
Data supporting the flux models

Hubble



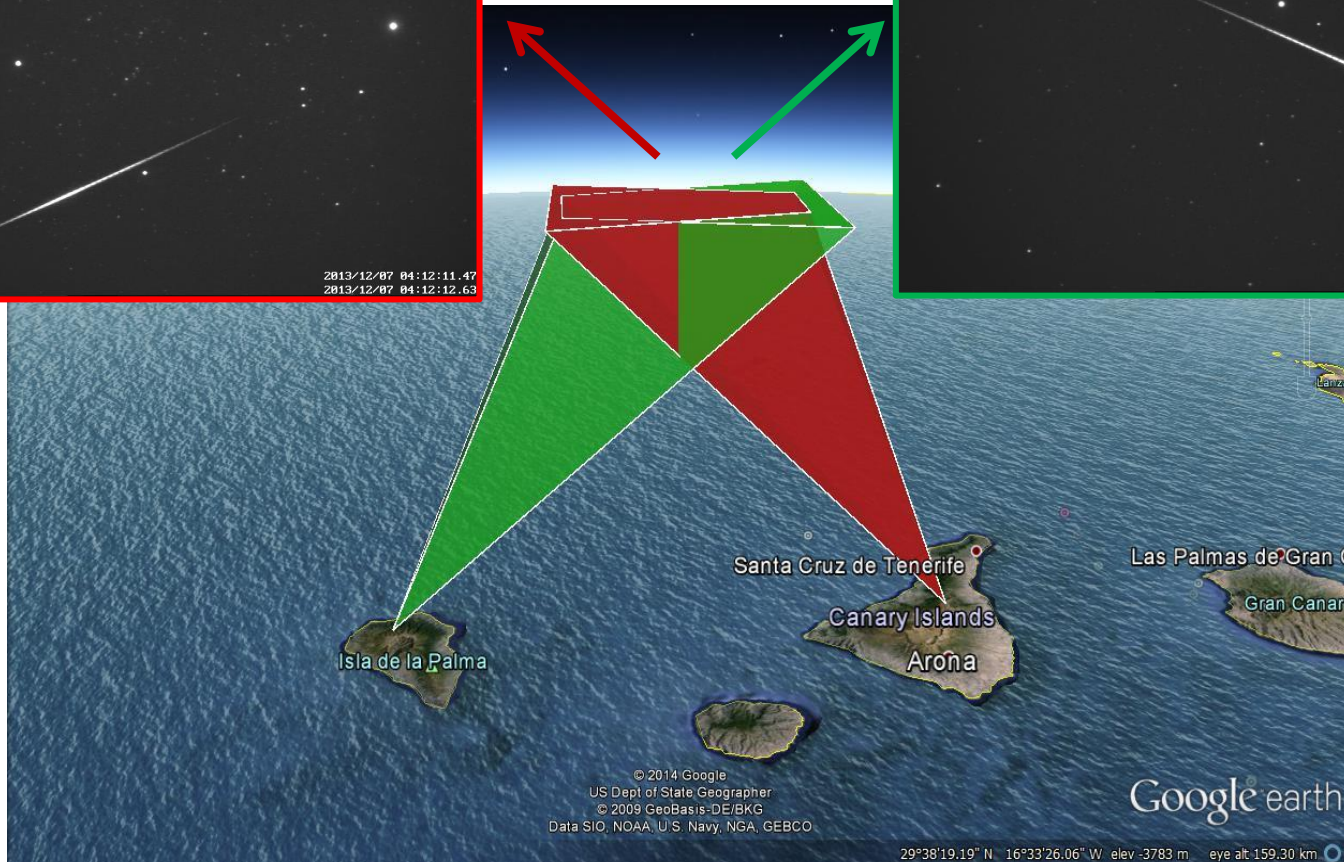
Data supporting the flux models

Hubble



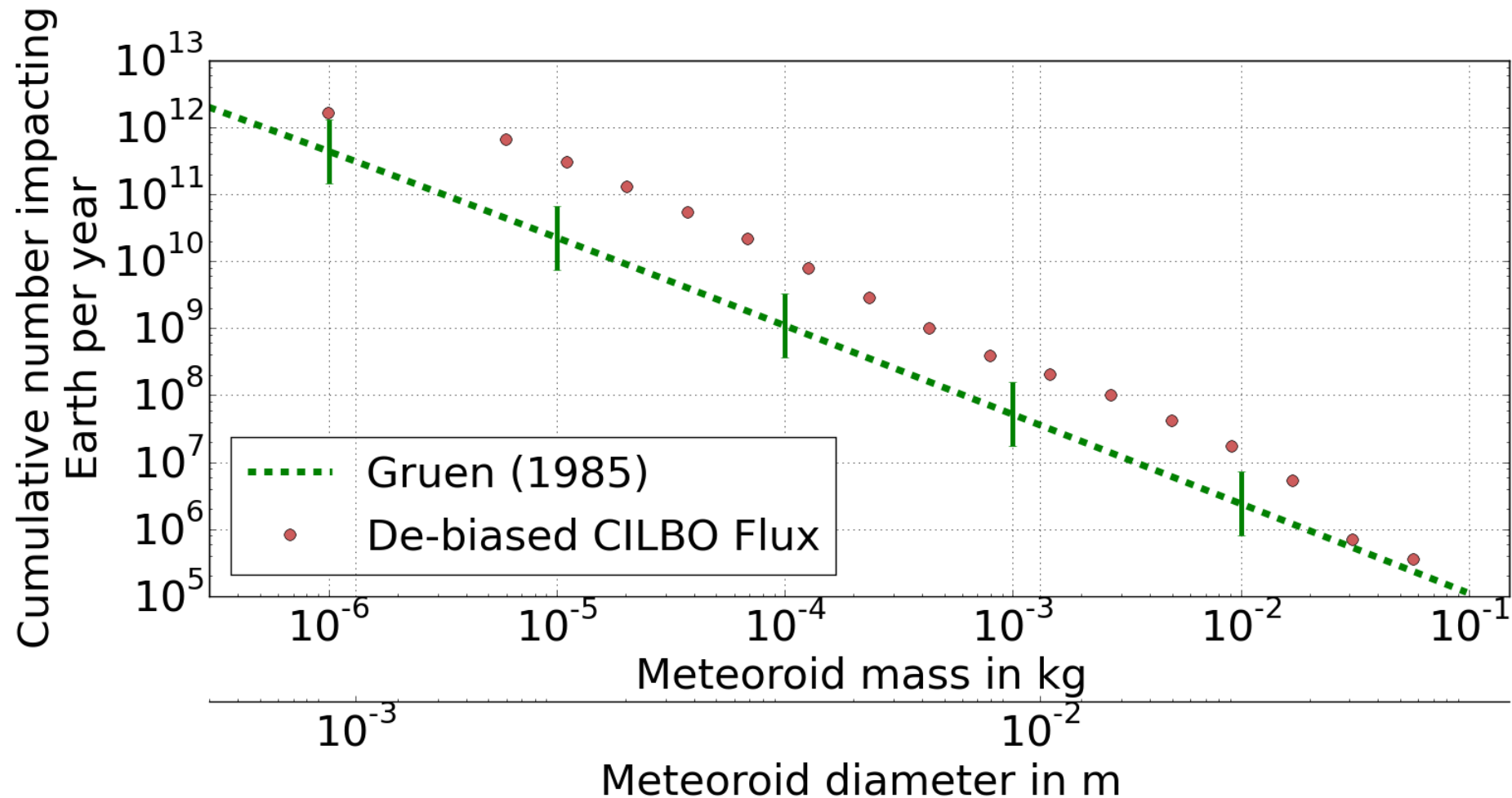
Data supporting the flux models

CILBO



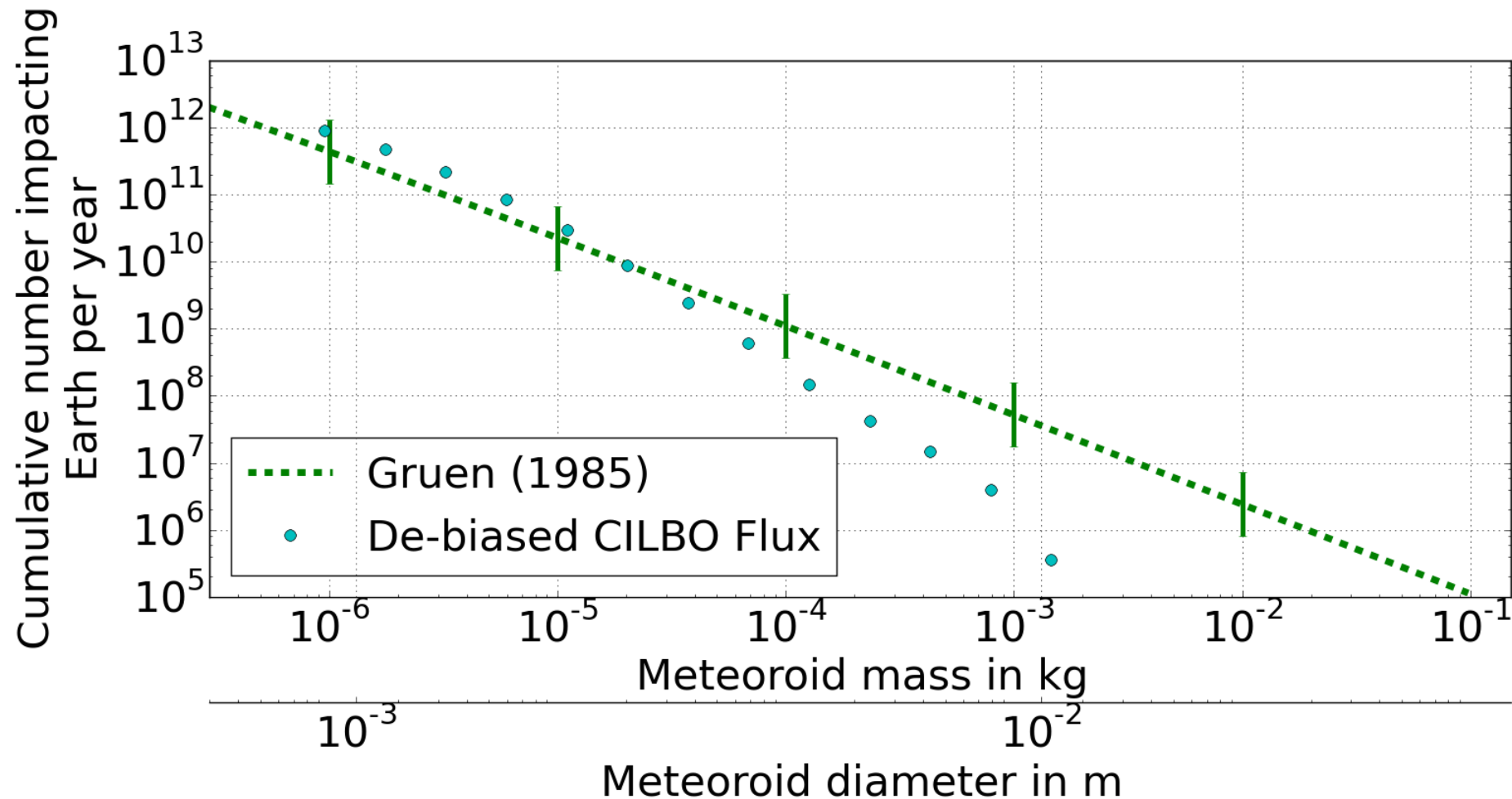
Data supporting the flux models

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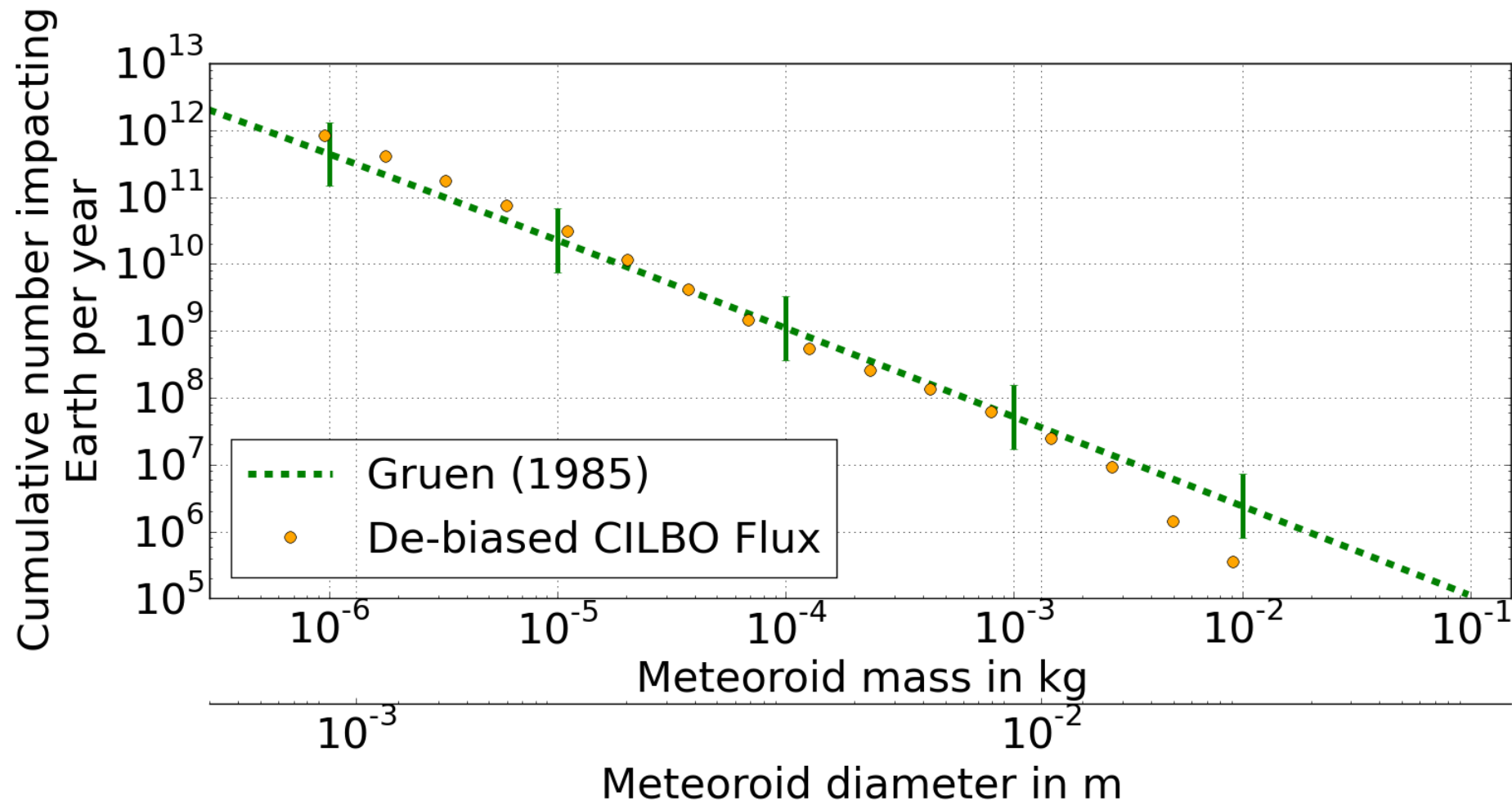
Data supporting the flux models

CILBO



Data supporting the flux models

CILBO



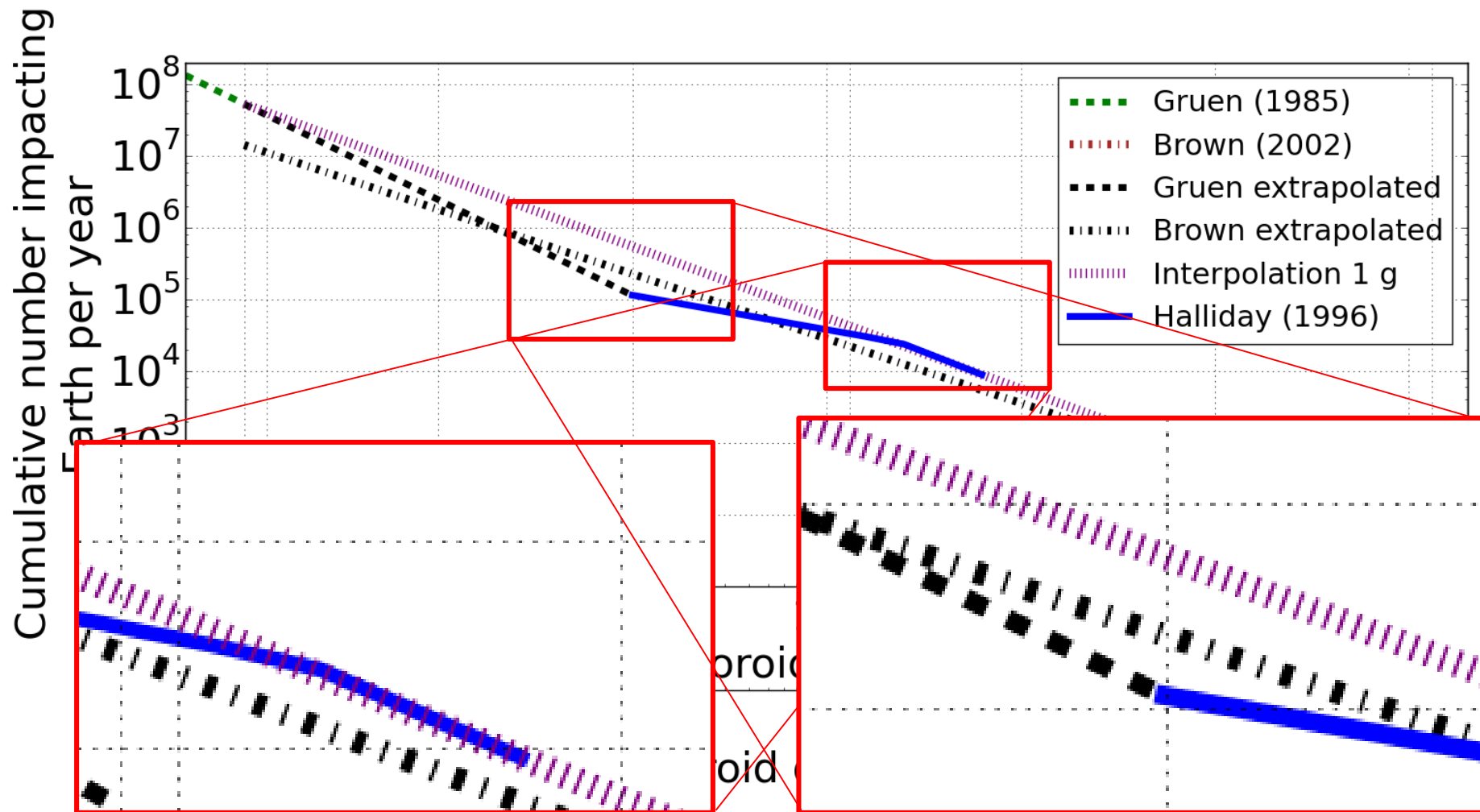
Data supporting the flux models

Halliday



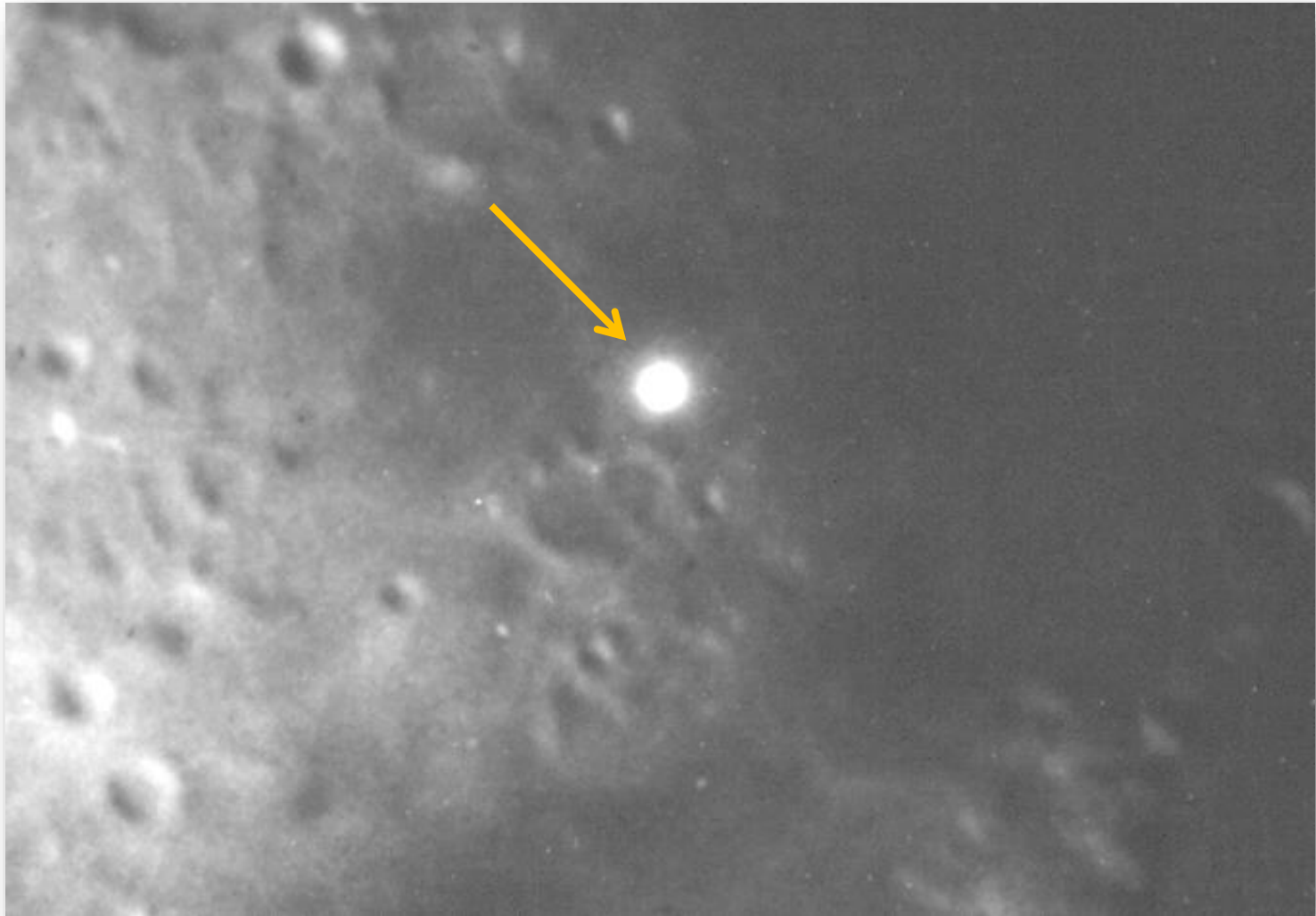
Data supporting the flux models

Halliday



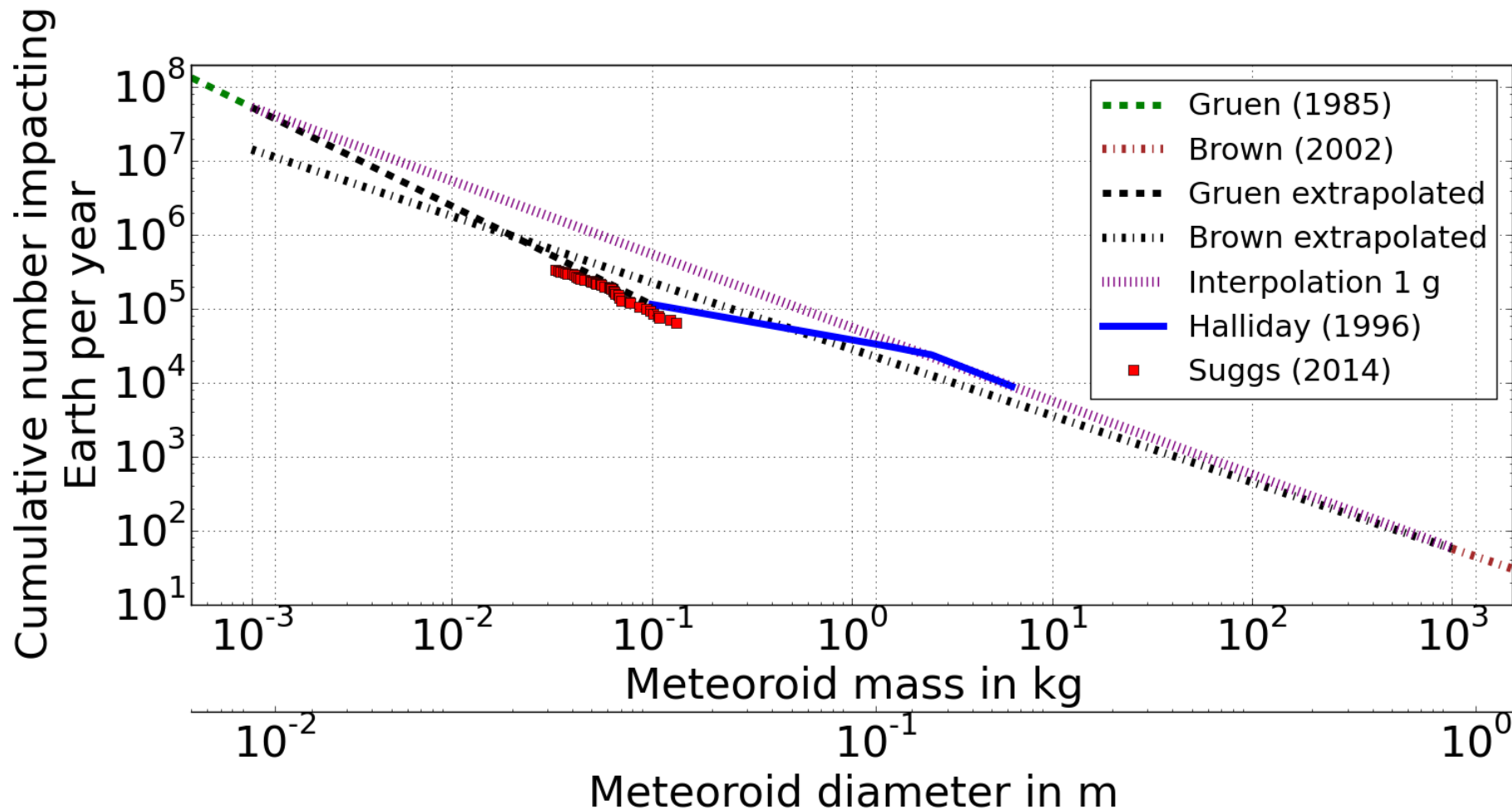
Data supporting the flux models

Suggs



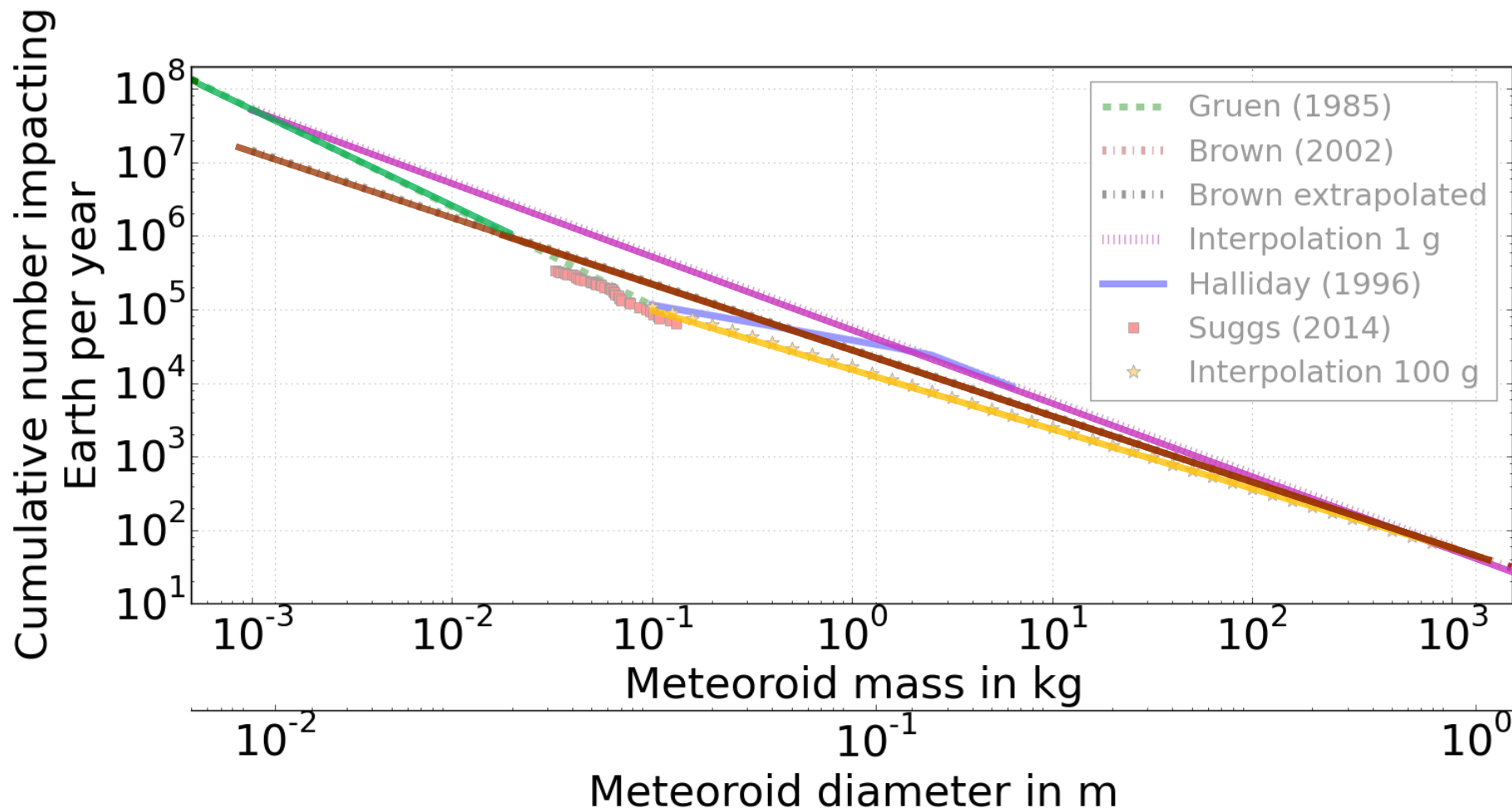
Data supporting the flux models

Suggs



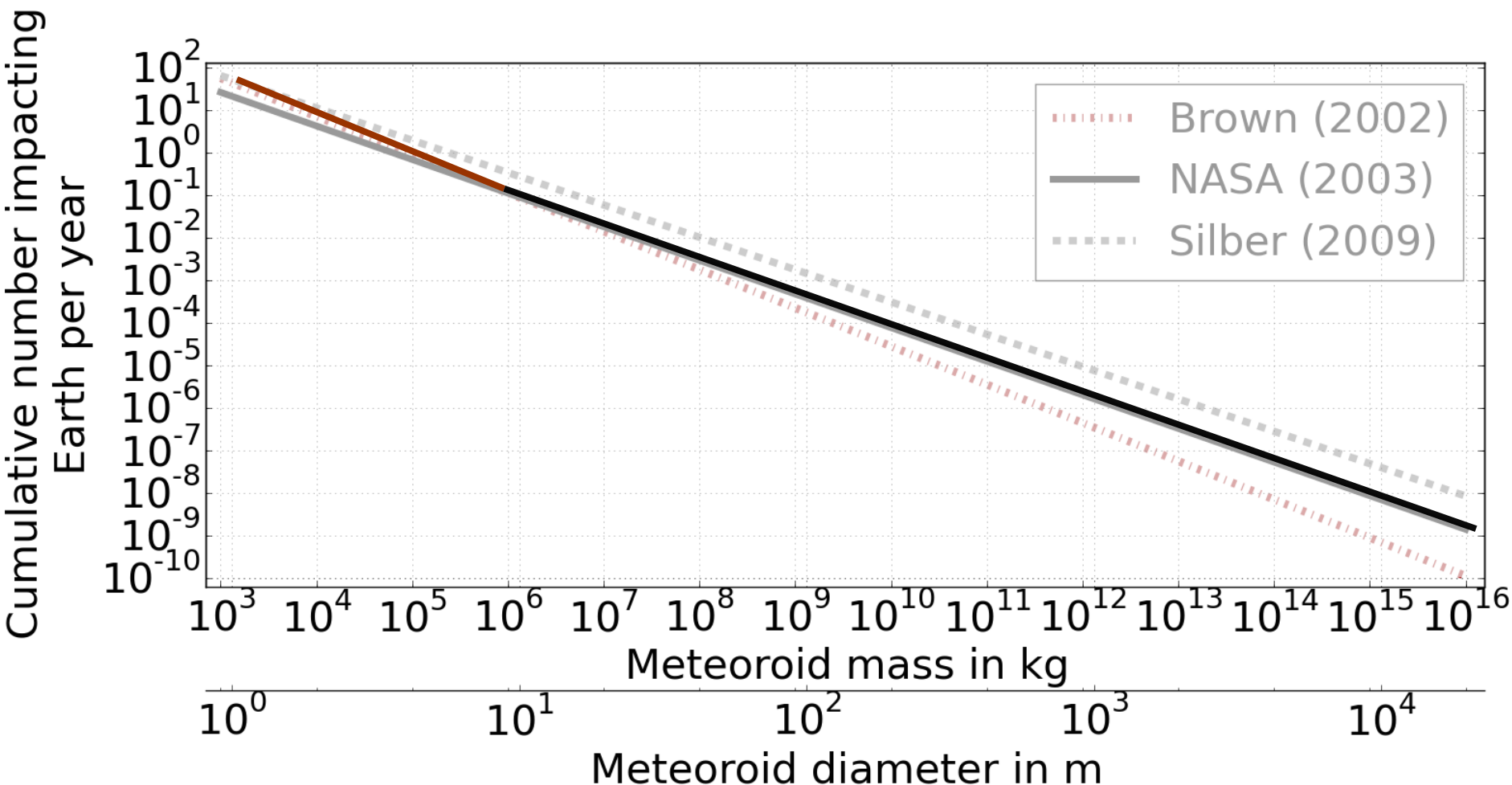
Data supporting the flux models

Suggs



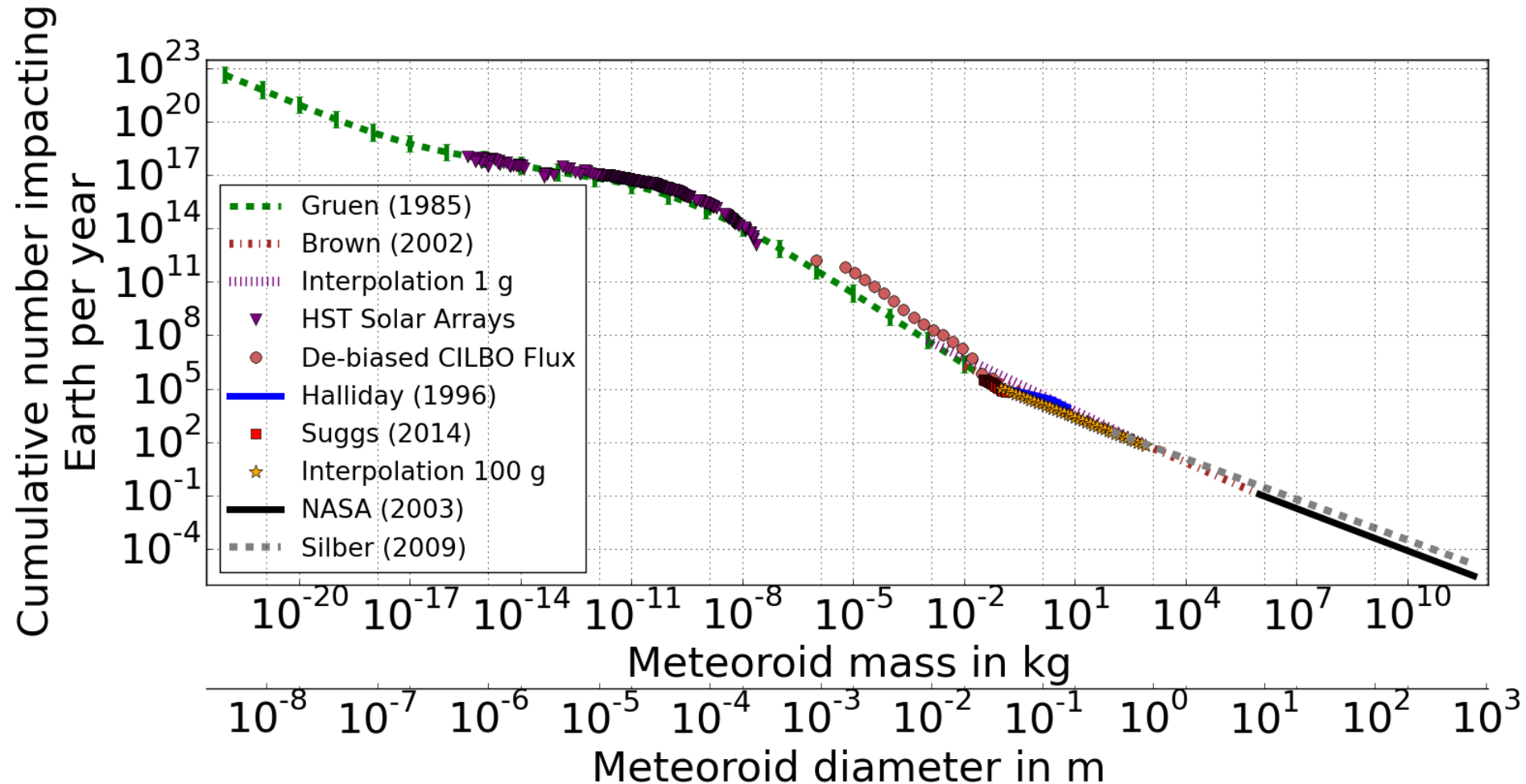
Data supporting the flux models

Silber - NASA

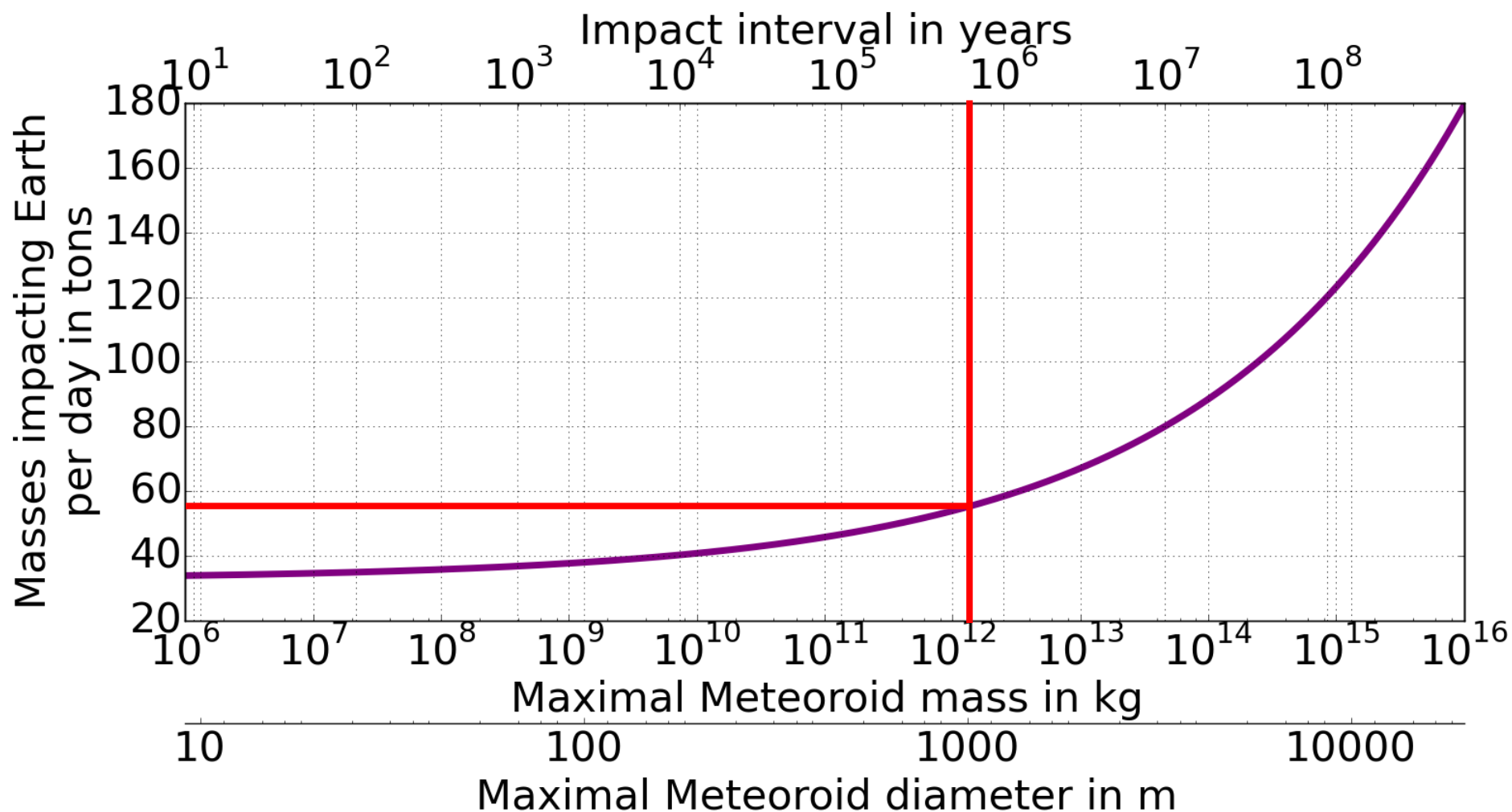


Data supporting the flux models

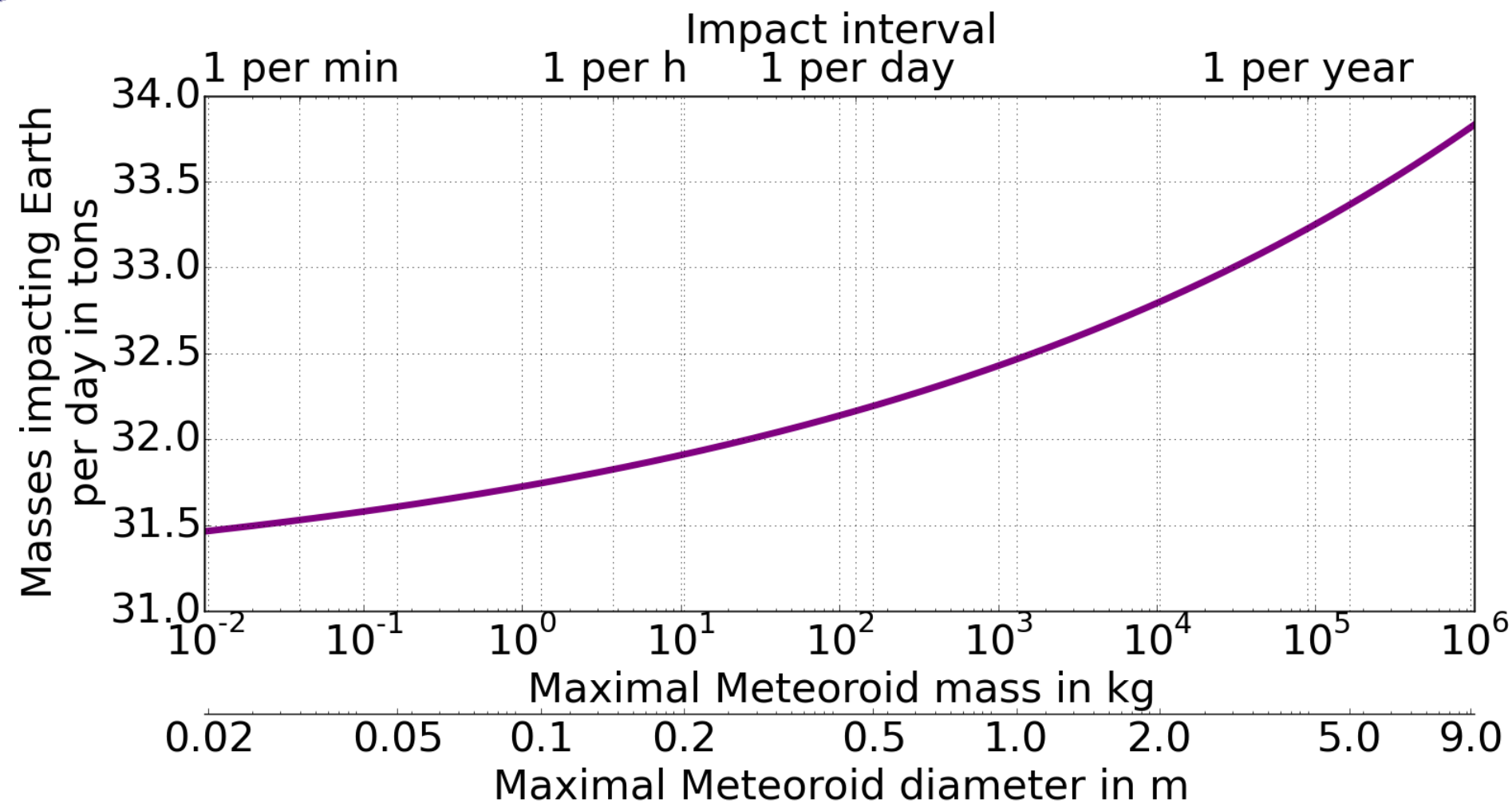
All models



Mass calculation



Mass calculation

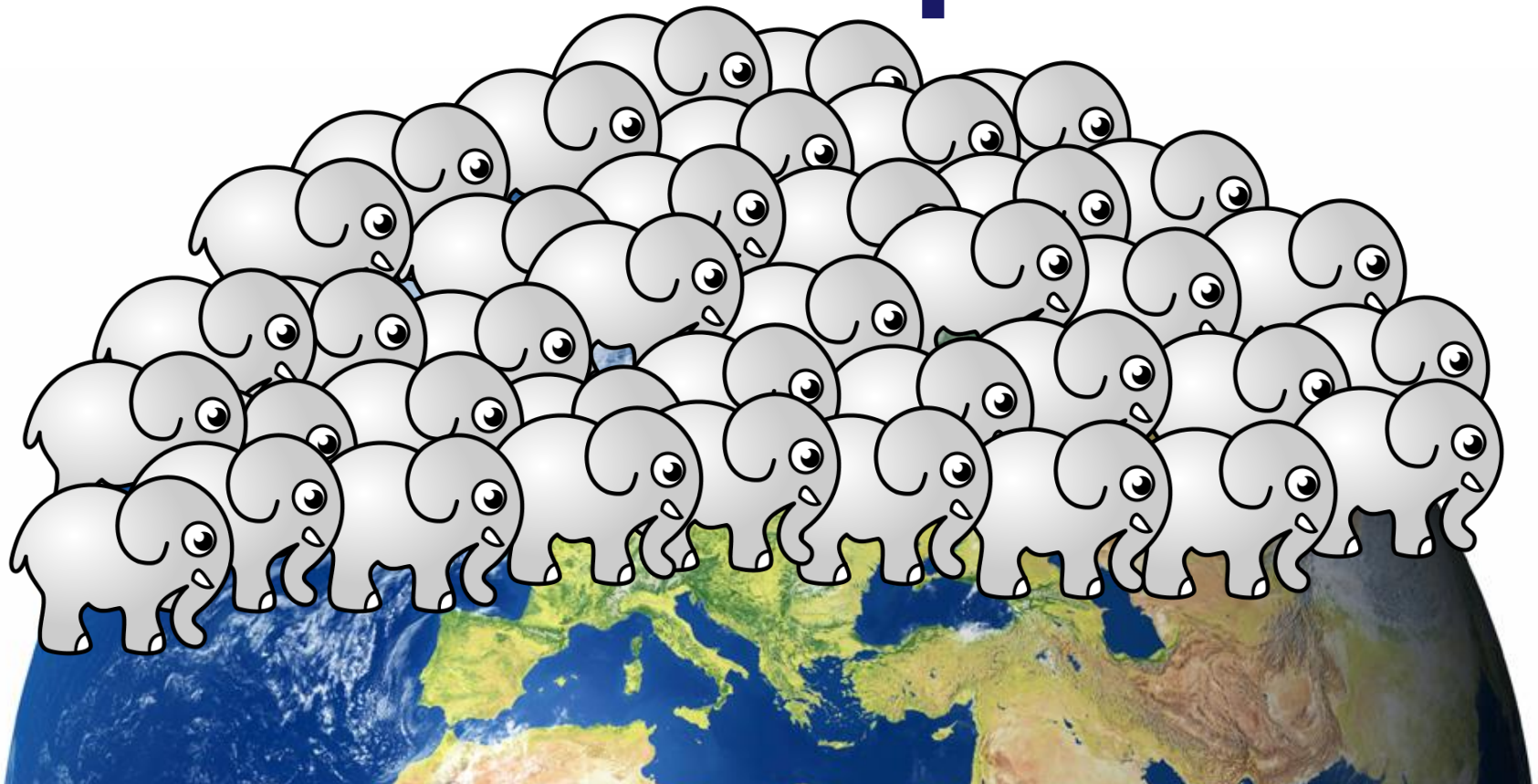


Daily impact mass

54t (In mass range 10^{-22} – 10^{12} kg)



54t = 108 elephants



Thank you all for your attention!