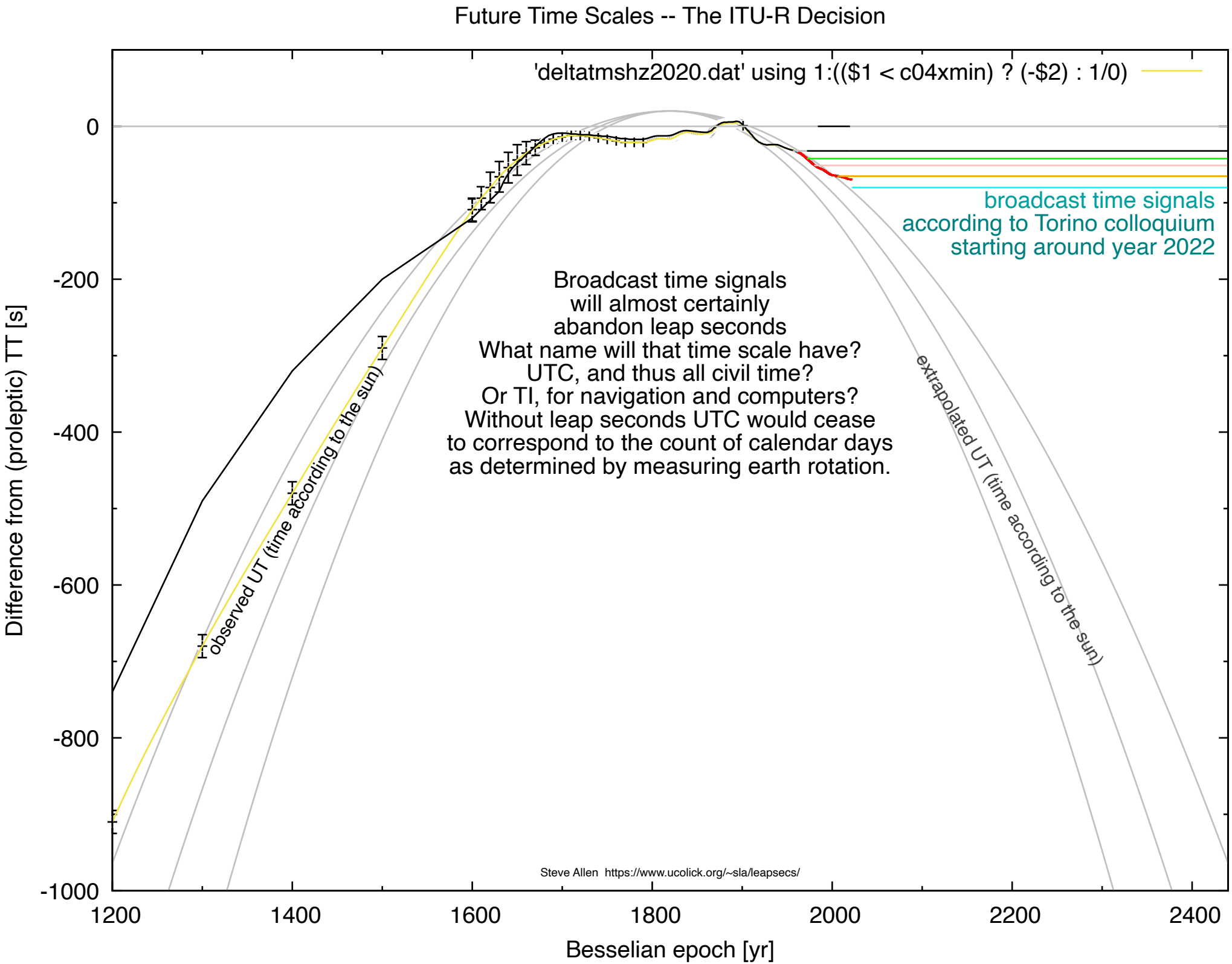
Future Time Scales -- The ITU-R Decision
'deltatmshz2020.dat' using 1:(($1 < c04xmin) ? (-$2) : 1/0)
broadcast time signals
according to Torino colloquium
starting around year 2022
Broadcast time signals
will almost certainly
abandon leap seconds
What name will that time scale have?
UTC, and thus all civil time?
Or TI, for navigation and computers?
Without leap seconds UTC would cease
to correspond to the count of calendar days
as determined by measuring earth rotation.
observed UT (time according to the sun)
extrapolated UT (time according to the sun)
Steve Allen https://www.ucolick.org/~sla/leapsecs/
Difference from (proleptic) TT [s]
0
-200
-400
-600
-800
-1000
1200
1400
1600
1800
2000
2200
2400
Besselian epoch [yr]