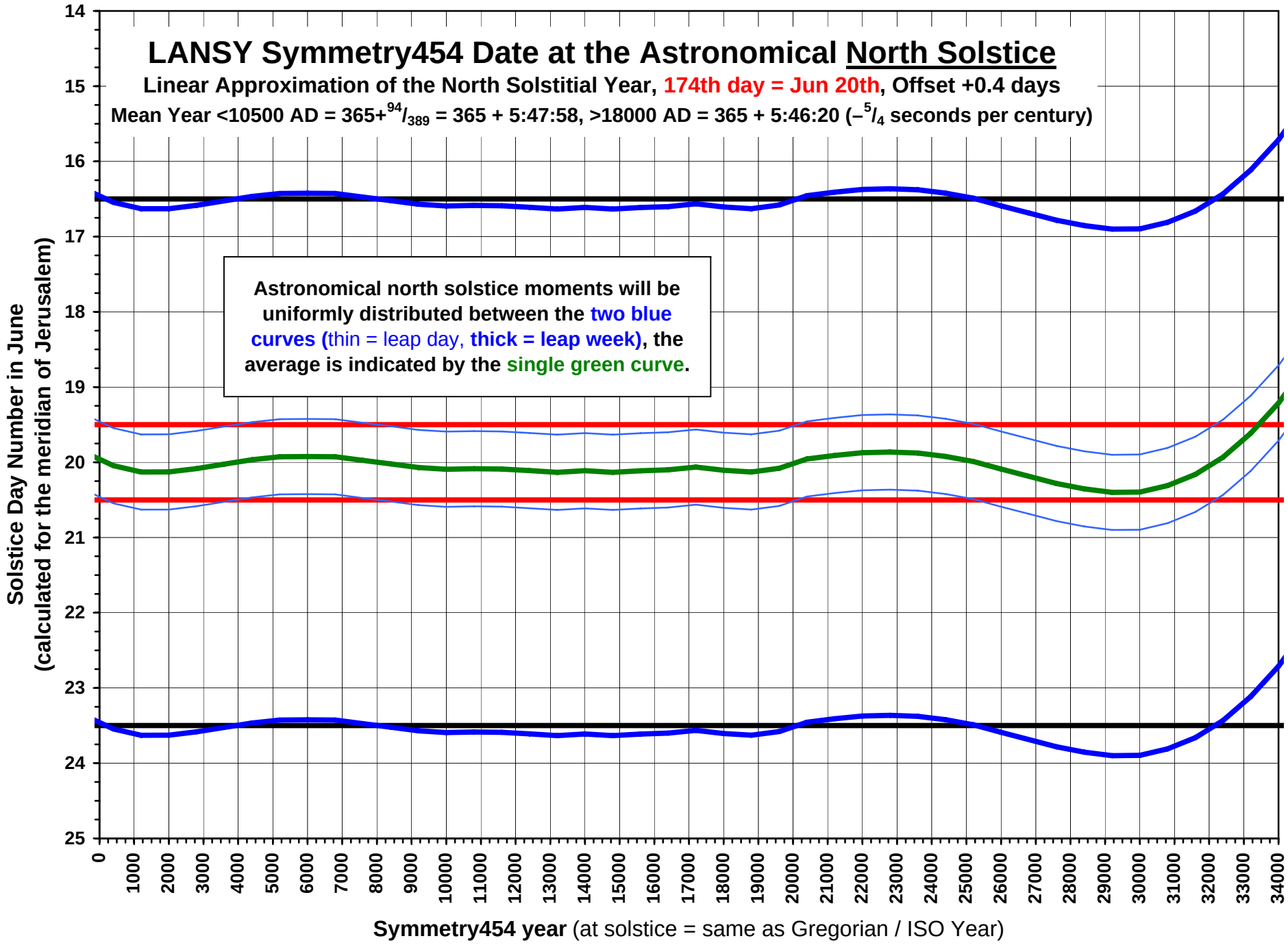
LANSY Symmetry454 Date at the Astronomical North Solstice
Linear Approximation of the North Solstitial Year, 174th day = Jun 20th, Offset +0.4 days
Mean Year <10500 AD = 365+94/389 = 365 + 5:47:58, >18000 AD = 365 + 5:46:20 (–5/4 seconds per century)
Astronomical north solstice moments will be uniformly distributed between the two blue curves (thin = leap day, thick = leap week), the average is indicated by the single green curve.
Solstice Day Number in June
(calculated for the meridian of Jerusalem)
14
15
16
17
18
19
20
21
22
23
24
25
0
1000
2000
3000
4000
5000
6000
7000
8000
9000
10000
11000
12000
13000
14000
15000
16000
17000
18000
19000
20000
21000
22000
23000
24000
25000
26000
27000
28000
29000
30000
31000
32000
33000
34000
Symmetry454 year (at solstice = same as Gregorian / ISO Year)