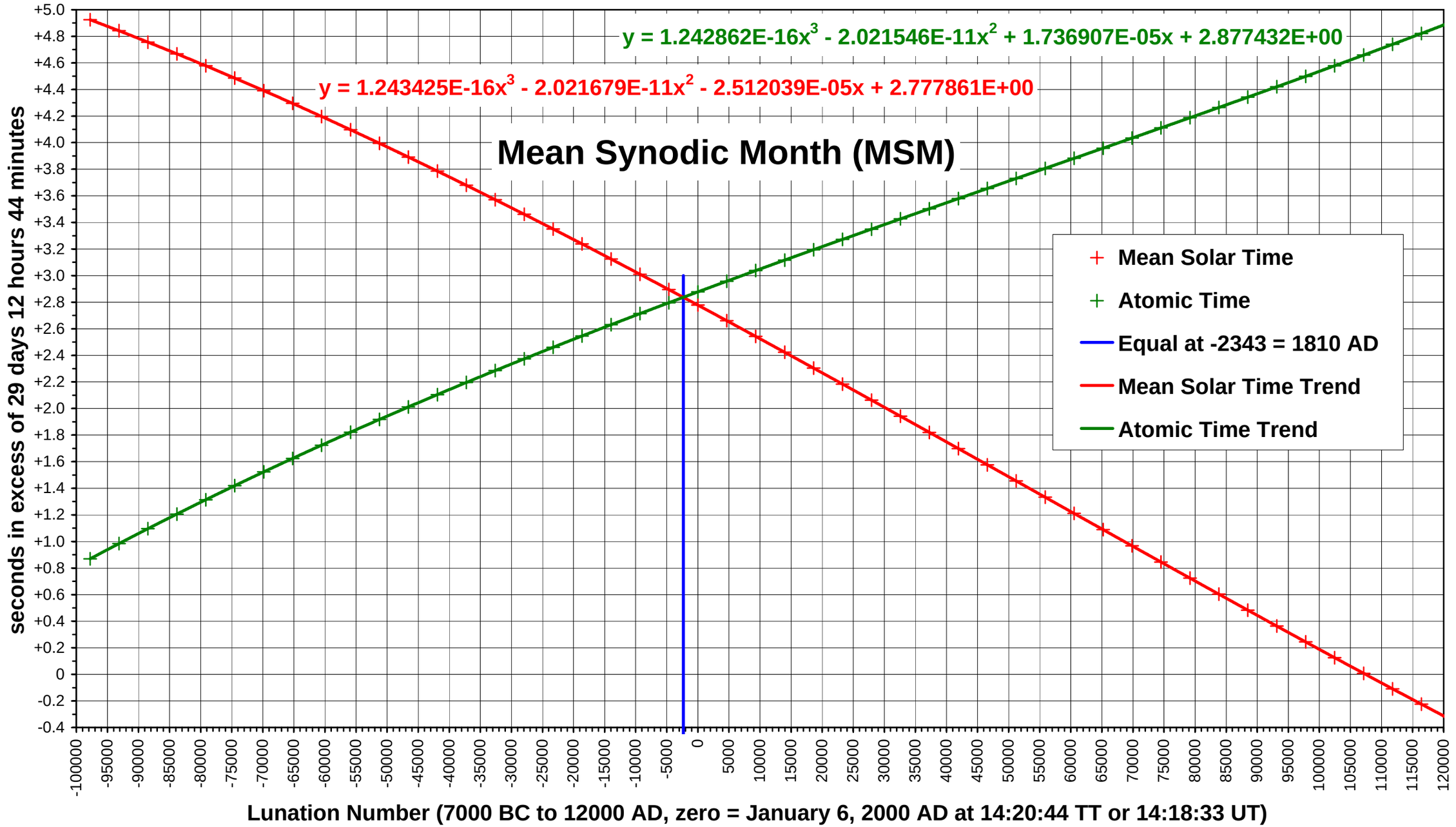
Mean Synodic Month (MSM)
y = 1.242862E-16x3 - 2.021546E-11x2 + 1.736907E-05x + 2.877432E+00
y = 1.243425E-16x3 - 2.021679E-11x2 - 2.512039E-05x + 2.777861E+00
Mean Solar Time
Atomic Time
Equal at -2343 = 1810 AD
Mean Solar Time Trend
Atomic Time Trend
seconds in excess of 29 days 12 hours 44 minutes
+5.0 +4.8 +4.6 +4.4 +4.2 +4.0 +3.8 +3.6 +3.4 +3.2 +3.0 +2.8 +2.6 +2.4 +2.2 +2.0 +1.8 +1.6 +1.4 +1.2 +1.0 +0.8 +0.6 +0.4 +0.2 0 -0.2 -0.4
-100000 -95000 -90000 -85000 -80000 -75000 -70000 -65000 -60000 -55000 -50000 -45000 -40000 -35000 -30000 -25000 -20000 -15000 -10000 -5000 0 5000 10000 15000 20000 25000 30000 35000 40000 45000 50000 55000 60000 65000 70000 75000 80000 85000 90000 95000 100000 105000 110000 115000 120000
Lunation Number (7000 BC to 12000 AD, zero = January 6, 2000 AD at 14:20:44 TT or 14:18:33 UT)