## <u>Progressive</u> Molad Adjustment Steadily Shortens the Mean Length of the <u>Rectified</u> Hebrew Calendar Year

(diagonal line slope = almost 3/2 seconds shorter per 353-year cycle) Traditional Molad would fix mean year at 365d 5h 49m 5s, as in year 4119 49:30 49:20 Time (MM:SS) in Excess of 365 Days 5 Hours 49:10 49:00 48:50 48:40 . 48:30 Mean Year with Progressive Molad Mean Year with Traditional Molad 48:20 Year of Hillel II (4119) 48:10 This Year (5767) 48:00 **Spring Equinox Mean Year** 47:50 47:40 14000 13000 10000 11000 12000 1000 2000 3000 4000 5000 6000 7000 8000 9000 0 **Rectified Hebrew Calendar Year**