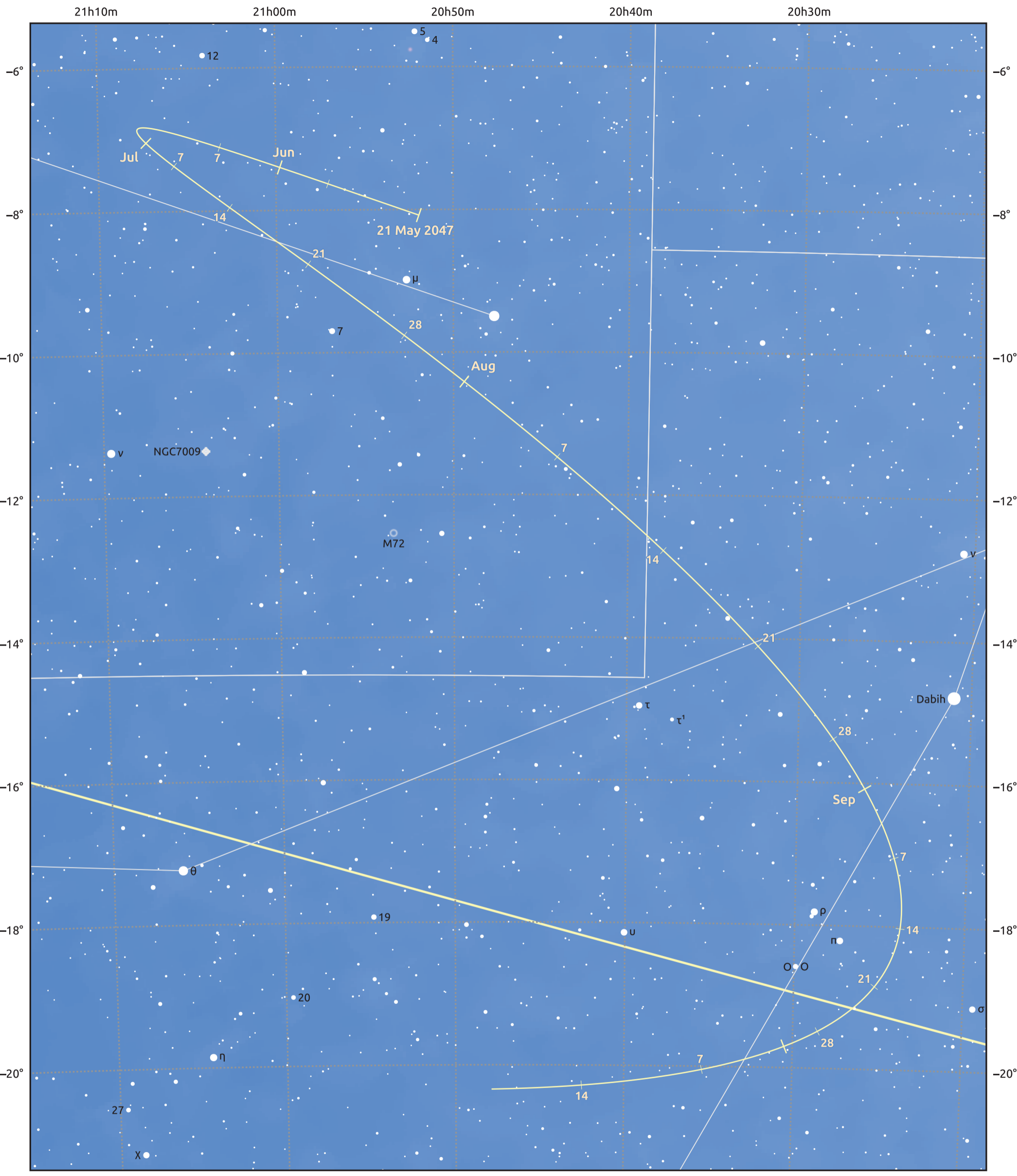


The path of Asteroid 18 Melpomene around opposition on 4 Aug 2047



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Magnitude scale: 10.0 9.0 8.0 7.0 6.0 5.0 4.0 3.0

Ecliptic Plane

Galaxy Bright nebula Open cluster Globular cluster Planetary nebula

Date	Mag	Phase
2047 Jun 1	10.1	95%
2047 Jun 29	9.4	97%
2047 Jul 1	9.3	98%
2047 Jul 29	8.4	100%
2047 Aug 1	8.3	100%
2047 Sep 1	8.8	98%
2047 Oct 1	9.4	94%