Observation : 3477
year : −161 , month : 9 , day : 3 (+/− 1 day)
event : beginning_of _night the moon is 1 kus and 0 si behind a_scorpii
relation : with 0 kus and 0 si.

ecliptical latitude β [°]

ecliptical longitude λ [°]

Black dasehd line : moon −rise
Red dashed line : moon −set

o moon below horizon
x moon above horizon
x a_scorpii