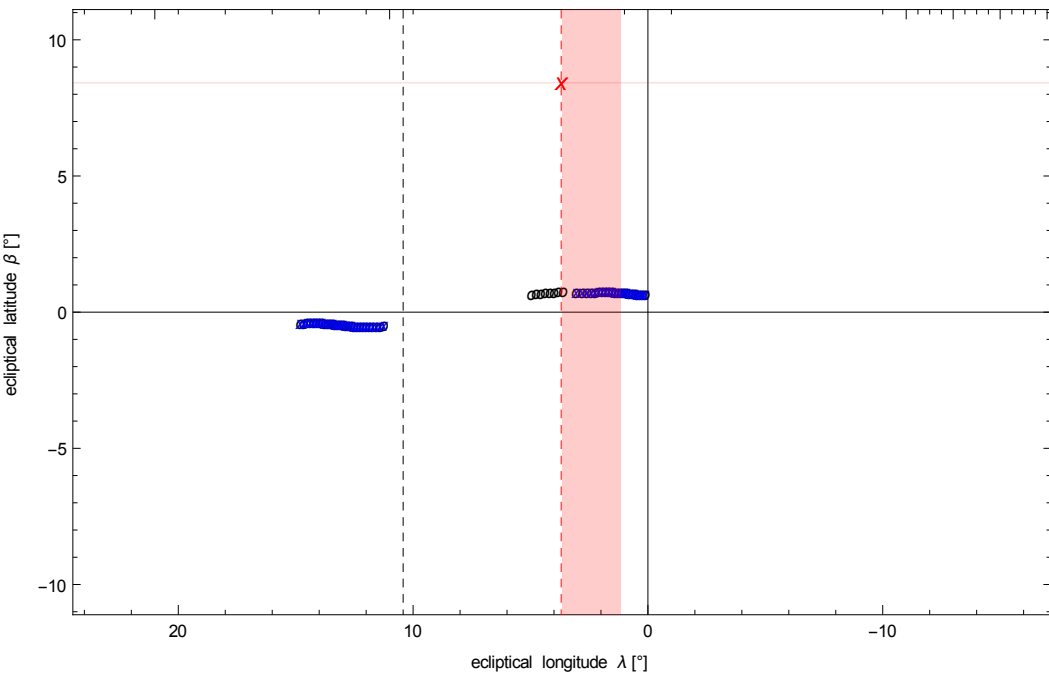Observation : 2867
year : −182 ,month : 10 ,day : 30 (+/− 1 day)
event : beginning_of _night the moon is 1 kus and 0 si in_front _of b_arietis

o moon below horizon

x moon above horizon

x b_arietis

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

ecliptical latitude β [°]

ecliptical longitude λ [°]