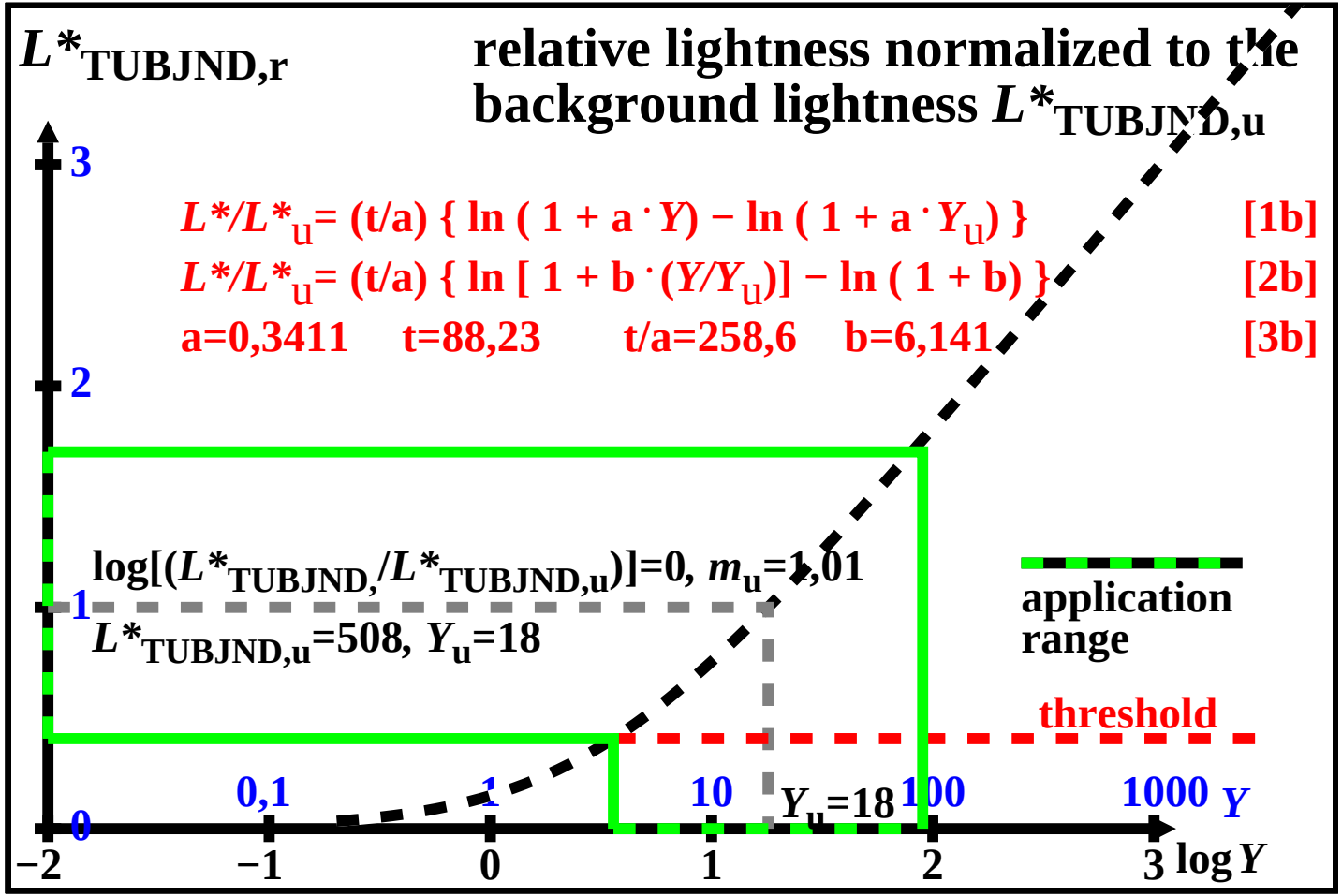
$L^*_{TUBJND,r}$
relative lightness normalized to the background lightness $L^*_{TUBJND,u}$
$L^*/L^*_u = (t/a)\{\ln(1 + a \cdot Y) - \ln(1 + a \cdot Y_u)\}$ [1b]
$L^*/L^*_u = (t/a)\{\ln[1 + b \cdot (Y/Y_u)] - \ln(1 + b)\}$ [2b]
a=0,3411 t=88,23 t/a=258,6 b=6,141 [3b]
3
2
1
0
log[(L^*_{TUBJND}/$L^*_{TUBJND,u}$)]=0, m_u=1,01
$L^*_{TUBJND,u}$=508, Y_u=18
application range
threshold
0,1
1
10
Y_u=18
100
1000
Y
−2
−1
0
1
2
3
log Y

eej00−7n