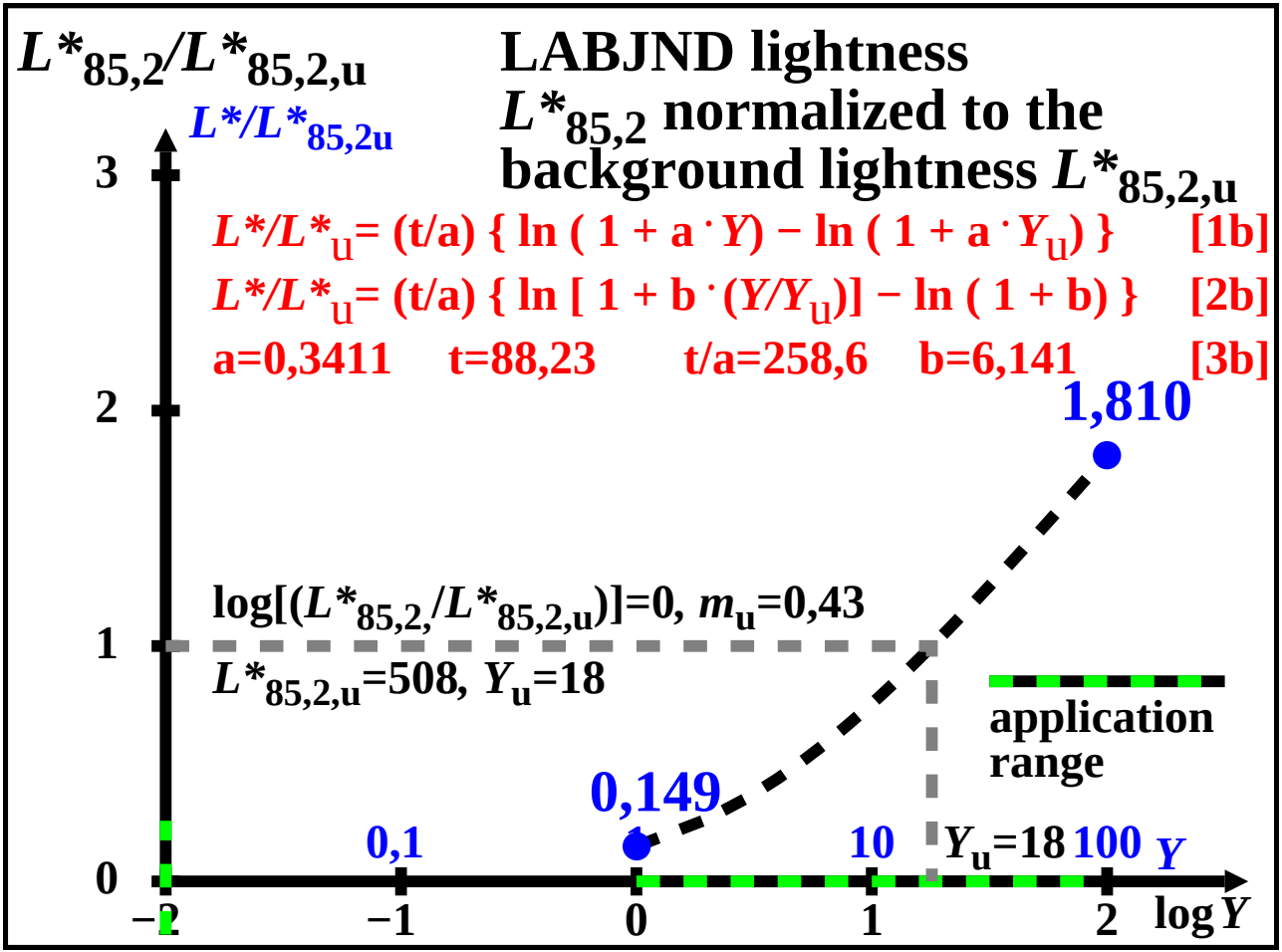
$L^*_{85,2}/L^*_{85,2,u}$
$L^*/L^*_{85,2u}$
LABJND lightness
$L^*_{85,2}$ normalized to the
background lightness $L^*_{85,2,u}$
$L^*/L^*_u = (t/a)\{\ln(1 + a \cdot Y) - \ln(1 + a \cdot Y_u)\}$ [1b]
$L^*/L^*_u = (t/a)\{\ln[1 + b \cdot (Y/Y_u)] - \ln(1 + b)\}$ [2b]
a=0,3411 t=88,23 t/a=258,6 b=6,141 [3b]
1,810
log[($L^*_{85,2}/L^*_{85,2,u}$)]=0, m_u=0,43
$L^*_{85,2,u}$=508, Y_u=18
application range
0,149
0,1
10
Y_u=18
100
Y
3
2
1
0
−2
−1
0
1
2
log Y

heb80−2a