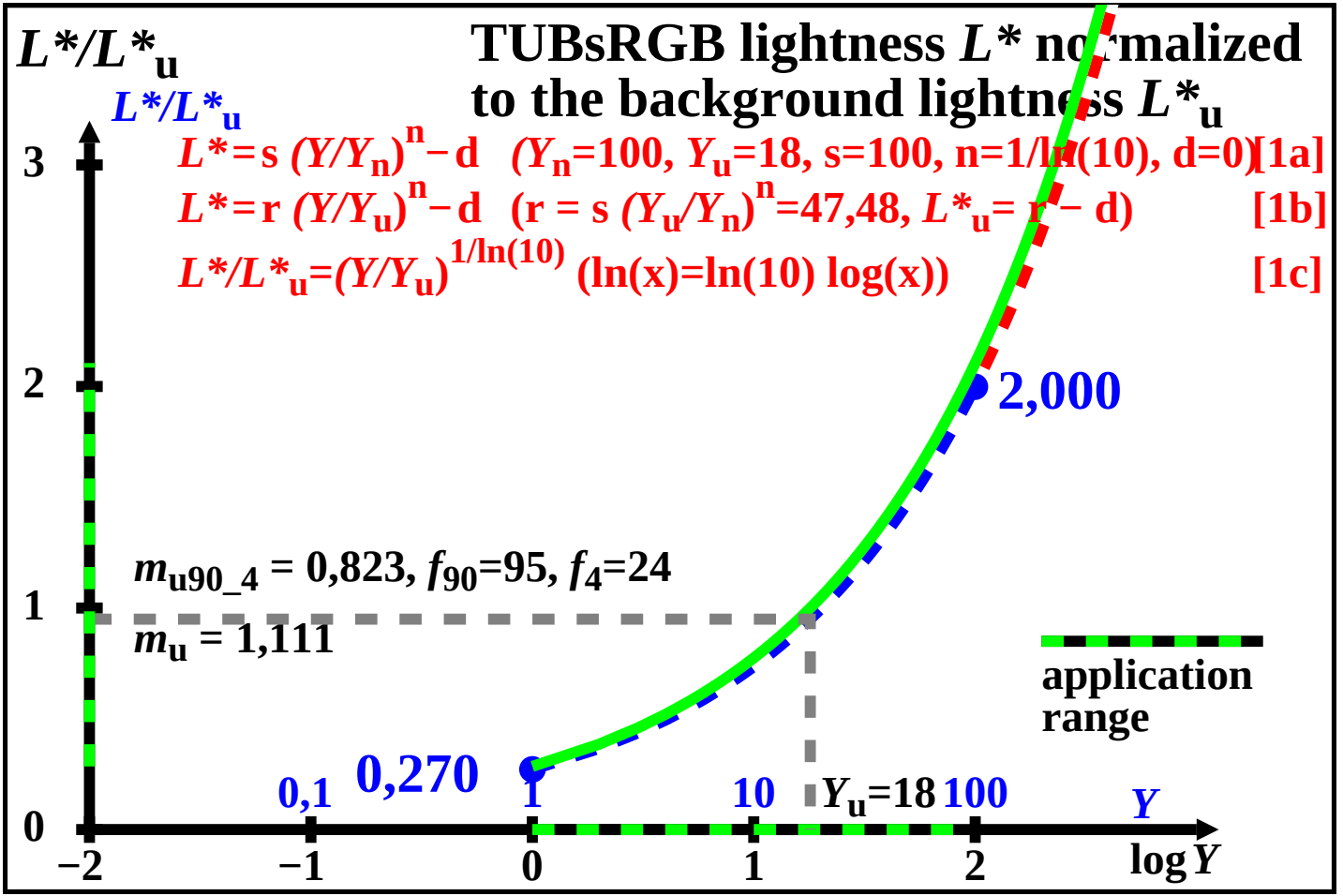
L*/L*u
TUBsRGB lightness L* normalized to the background lightness L*u
L*/L*u
L*=s (Y/Yn)^n − d (Yn=100, Yu=18, s=100, n=1/ln(10), d=0) [1a]
L*=r (Y/Yu)^n − d (r = s (Yu/Yn)^n=47,48, L*u= r − d) [1b]
L*/L*u=(Y/Yu)^1/ln(10) (ln(x)=ln(10) log(x)) [1c]
3
2
1
0
2,000
mu90_4 = 0,823, f90=95, f4=24
mu = 1,111
application range
0,270
0,1
1
10
Yu=18
100
Y
−2
−1
0
1
2
log Y

het21−5a