

t^*/t^*_u

LABJNDu7 relative Dreieckshelligkeit t^*/t^*_u
 $Y_{nc} = Y_W \textcolor{red}{RGB}_{nc} = 100, 21, 72, 7$

 t^*/t^*_u

2 100

$$t^*_{\text{LABJNDu7}} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$t^*_{\text{LABJNDu7}} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

$$t^*_N(3,6) = 261, t^*_u(18) = 593, t^*_W(90) = 924$$

1 10

$$t^*_{90}/t^*_u = 1,55, A_{0n} = 1,0, A_{2u} = 0,0876, c_x = 0,84$$

$$t^*_{18}/t^*_u = 1,00, A_{1n} = 0,014, A_{2n} = 0,0048$$

$$t^*_{3,6}/t^*_u = 0,43, t^*_u = 593,26, Y_u = 18$$

0 -1

$$\log[t^*/t^*_u] = 0, m_u = 0,33$$

$$L^*_u = 49, t^*_u = 593$$

Anwendungsbereich

-1 -2

-1

0

10

100

2

log(Y)