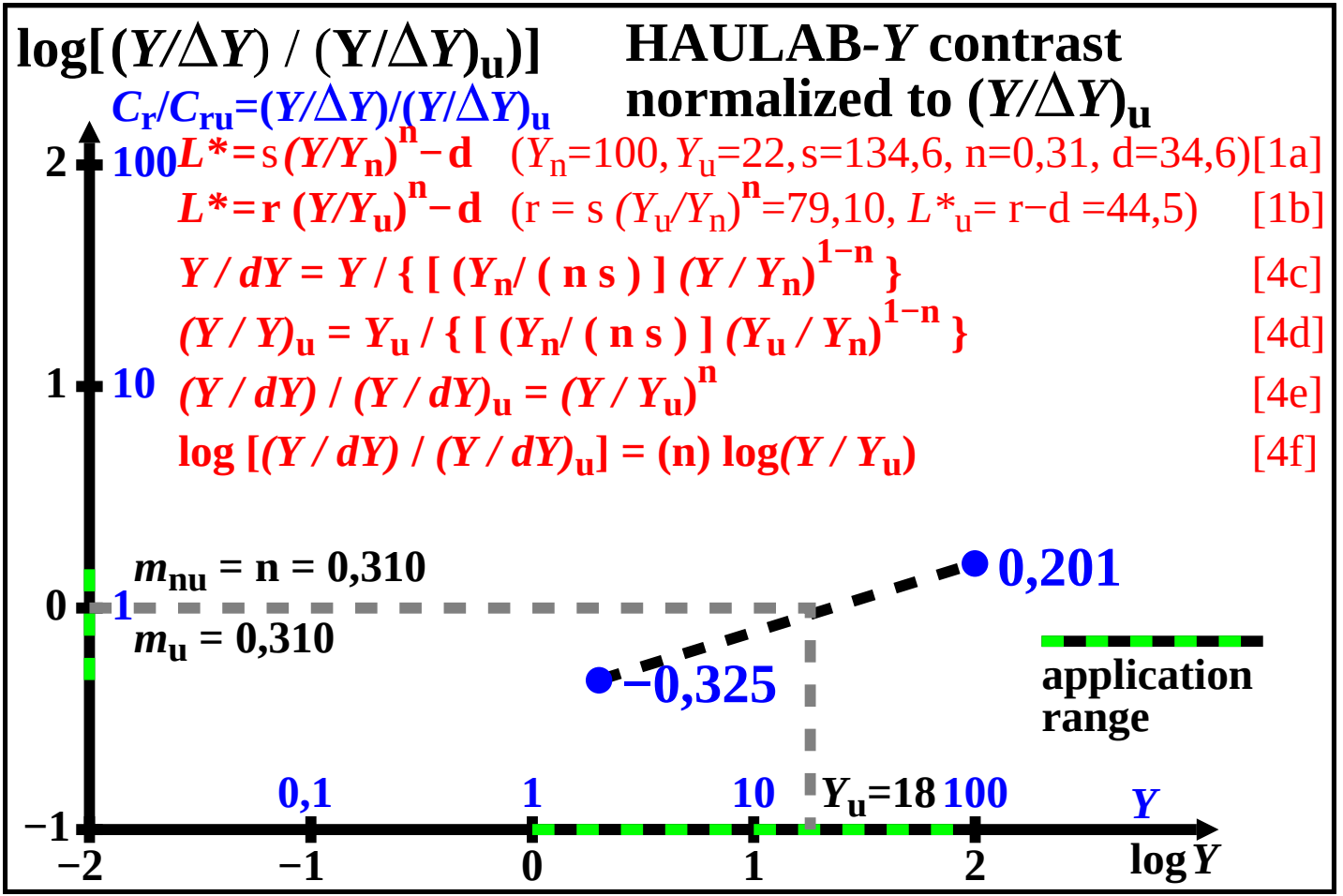
log[ (Y/ΔY) / (Y/ΔY)u)]
HAULAB-Y contrast
normalized to (Y/ΔY)u
Cr/Cru=(Y/ΔY)/(Y/ΔY)u
L*= s (Y/Yn)^n − d (Yn=100, Yu=22, s=134,6, n=0,31, d=34,6) [1a]
L*= r (Y/Yu)^n − d (r = s (Yu/Yn)^n=79,10, L*u= r−d =44,5) [1b]
Y / dY = Y / { [ (Yn/ ( n s ) ] (Y / Yn)^(1−n) } [4c]
(Y / Y)u = Yu / { [ (Yn/ ( n s ) ] (Yu / Yn)^(1−n) } [4d]
(Y / dY) / (Y / dY)u = (Y / Yu)^n [4e]
log [(Y / dY) / (Y / dY)u] = (n) log(Y / Yu) [4f]
2
1
0
−1
100
10
1
mnu = n = 0,310
mu = 0,310
0,201
−0,325
application range
0,1
1
10
Yu=18
100
Y
−2
−1
0
1
2
log Y

hep70−4a