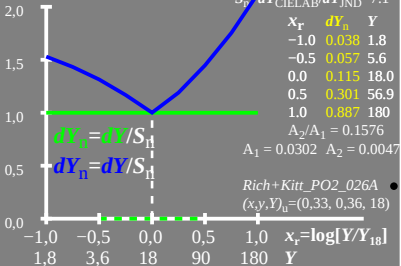
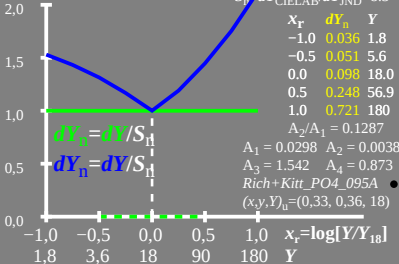


$[dY]/dY$



$[dY]/dY$



$[dY]/dY$

2,0

1,5

1,0

0,5

0,0

-1,0

-0,5

0,0

0,5

1,0

$x_r = \log[Y/Y_{18}]$

1,8

3,6

18

90

180

Y

$dY_n = dY/S_n$

$dY_n = dY/S_n$

$dY = A_1[1 + A_2/A_1 Y]$

$S_n = dY_{\text{CIELAB}}/dY_{\text{JND}} = 9.0$

x_r	dY_n	Y
-1.0	0.036	1.8
-0.5	0.049	5.6
0.0	0.09	18.0
0.5	0.22	56.9
1.0	0.632	180

$A_2/A_1 = 0.1086$

$A_1 = 0.0307$ $A_2 = 0.0033$

$A_3 = 0.633$ $A_4 = 0.883$

$A_5 = 0.2041$ Rich+Kitt_PO5_650A

$(x, y, Y)_u = (0.33, 0.36, 18)$