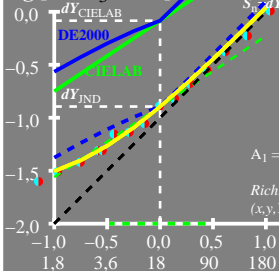


$\log [dY, A_3 \cdot \Delta a \cdot Y]$



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

$S_n = dY_{CIELAB} / dY_{JND} = 6.4$

$x_r$	$dY_n$	$\log Y$
-1.0	0.042	0.25
-0.5	0.077	0.75
0.0	0.127	1.25
0.5	0.397	1.75
1.0	1.257	2.25

$A_2/A_1 = 0.2895$

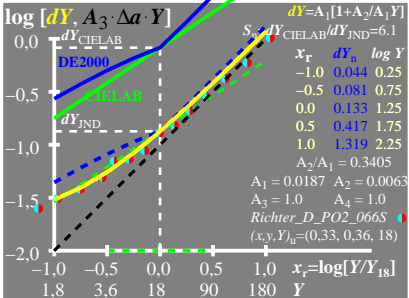
$A_1 = 0.0205 \quad A_2 = 0.0059$

*Richter\_D\_PO2\_022S*

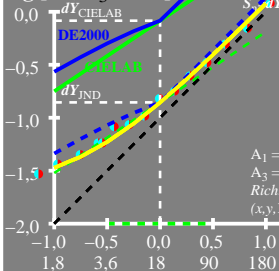
$(x, y, Y)_u = (0.33, 0.36, 18)$

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

1.8    3.6    18    90    180     $Y$



$\log [dY, A_3 \cdot \Delta a \cdot Y]$



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

$x_r \quad dY_n \quad \log Y$

-1.0 0.045 0.25

-0.5 0.085 0.75

0.0 0.139 1.25

0.5 0.434 1.75

1.0 1.375 2.25

$A_2/A_1 = 0.298$

$A_1 = 0.0219 \quad A_2 = 0.0065$

$A_3 = 1.179 \quad A_4 = 1.685$

*Richter\_P\_PO4\_066A*

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

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