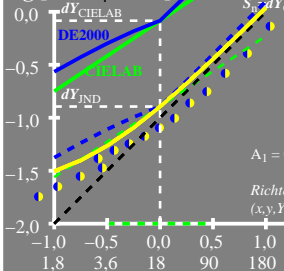


$\log [dY, A_4 \cdot \Delta b \cdot Y]$



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

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

$x_r$	$dY_n$	$\log Y$
-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

$x_r$     $dY_n$     $\log Y$

-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

$$A_2/A_1 = 0.2895$$

$$A_1 = 0.0205 \quad A_2 = 0.0059$$

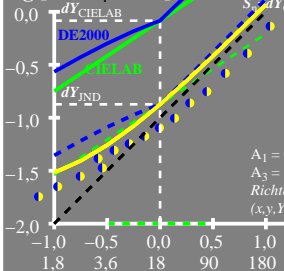
*Richter\_D\_PO2\_022S* ●

$(x,y,Y)_u = (0,33, 0,36, 18)$

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

Y

$\log [dY, A_4 \cdot \Delta b \cdot Y]$



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

$$S_9 \cdot dY_{\text{CIELAB}} / dY_{\text{JND}} = 6.1$$

$x_r$	$dY_n$	$\log Y$
-1.0	0.044	0.25
-0.5	0.081	0.75
0.0	0.133	1.25
0.5	0.417	1.75
1.0	1.319	2.25

-1.0 0.044 0.25

-0.5 0.081 0.75

0.0 0.133 1.25

0.5 0.417 1.75

1.0 1.319 2.25

$$A_2/A_1 = 0.3405$$

$$A_1 = 0.0187 \quad A_2 = 0.0063$$

$$A_3 = 1.0 \quad A_4 = 1.0$$

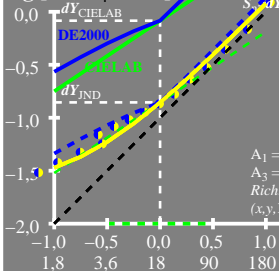
*Richter\_D\_PO2\_066S* ●

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

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

1.8 3.6 18 90 180 Y

$\log [dY, A_4 \cdot \Delta b \cdot Y]$



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

$$S_{DE2000} dY_{CIELAB} / dY_{JND} = 5.9$$

$x_r$	$dY_n$	$\log Y$
-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

$A_2/A_1 = 0.298$

$A_1 = 0.0219$     $A_2 = 0.0065$

$A_3 = 1.179$     $A_4 = 1.685$

*Richter\_P\_PO4\_066A* ●

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

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

1.8   3.6   18   90   180    $Y$