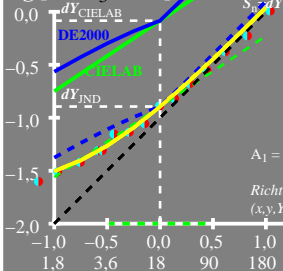


$\log [dY, A_3 \cdot \Delta a \cdot Y]$



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

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

x_r	dY_n	$\log Y$
-1.0	0.031	0.25
-0.5	0.054	0.75
0.0	0.127	1.25
0.5	0.359	1.75
1.0	1.091	2.25

x_r dY_n $\log Y$

-1.0 0.031 0.25

-0.5 0.054 0.75

0.0 0.127 1.25

0.5 0.359 1.75

1.0 1.091 2.25

$$A_2/A_1 = 0.2895$$

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

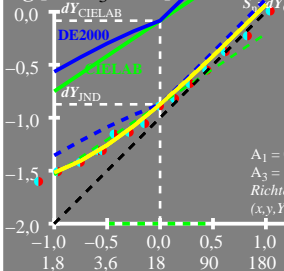
Richter_D_PO2_022S ● ●

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

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

1.8 3.6 18 90 180 Y

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



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

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

x_r	dY_n	$\log Y$
-1.0	0.03	0.25
-0.5	0.055	0.75
0.0	0.133	1.25
0.5	0.382	1.75
1.0	1.17	2.25

x_r dY_n $\log Y$

-1.0 0.03 0.25

-0.5 0.055 0.75

0.0 0.133 1.25

0.5 0.382 1.75

1.0 1.17 2.25

$$A_2/A_1 = 0.3405$$

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

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

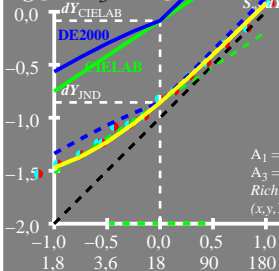
Richter_D_PO2_066S ● ●

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

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

1.8 3.6 18 90 180 Y

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



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

x_r	dY_n	$\log Y$
-1.0	0.033	0.25
-0.5	0.059	0.75
0.0	0.139	1.25
0.5	0.394	1.75
1.0	1.198	2.25

x_r dY_n $\log Y$

-1.0 0.033 0.25

-0.5 0.059 0.75

0.0 0.139 1.25

0.5 0.394 1.75

1.0 1.198 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