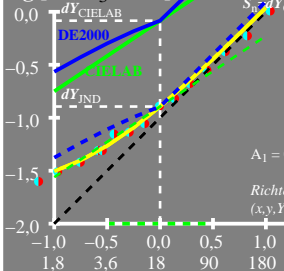


$\log [dY, A_3 \cdot \Delta a \cdot Y]$



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

$x_r$	$dY_u$	$Y$
-1.0	0.027	1.8
-0.5	0.059	5.6
0.0	0.127	18.0
0.5	0.274	56.9
1.0	0.592	180

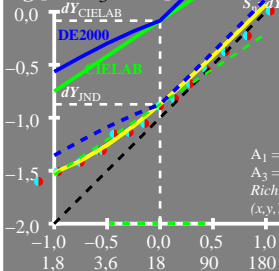
$A_2/A_1 = 0.2895$

$A_1 = 0.0205 \quad A_2 = 0.0059$

*Richter\_D\_PO2\_022S*

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

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



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

$x_r$	$dY_u$	$Y$
-1.0	0.028	1.8
-0.5	0.062	5.6
0.0	0.133	18.0
0.5	0.288	56.9
1.0	0.621	180

$A_2/A_1 = 0.3405$

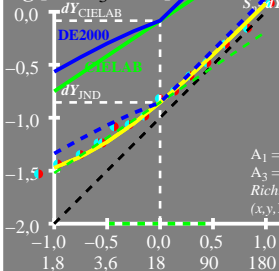
$A_1 = 0.0187$     $A_2 = 0.0063$

$A_3 = 1.0$     $A_4 = 1.0$

*Richter\_D\_PO2\_066S*

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

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



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

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

$x_r$	$dY_u$	$Y$
-1.0	0.03	1.8
-0.5	0.064	5.6
0.0	0.139	18.0
0.5	0.3	56.9
1.0	0.647	180

$$A_2/A_1 = 0.298$$

$$A_1 = 0.0219 \quad A_2 = 0.0065$$

$$A_3 = 1.179 \quad A_4 = 1.685$$

*Richter\_P\_PO4\_066A* ●

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

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

1.8    3.6    18    90    180     $Y$