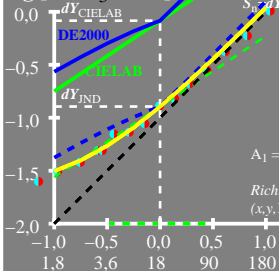


$\log [dY, A_3 \cdot \Delta a \cdot Y]$



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

$$S_u \cdot dY_{\text{CIELAB}} / dY_{\text{JND}} = 6.4$$

$x_r \quad dY_u \quad \log Y$

-1.0 0.027 0.25

-0.5 0.059 0.75

0.0 0.127 1.25

0.5 0.274 1.75

1.0 0.592 2.25

$$A_2/A_1 = 0.2895$$

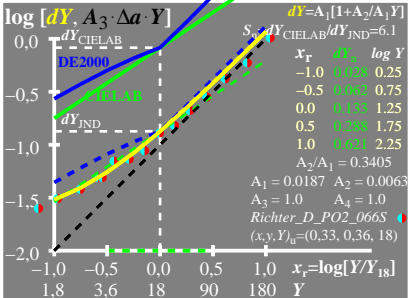
$$A_1 = 0.0205 \quad A_2 = 0.0059$$

Richter_D_PO2_022S ●

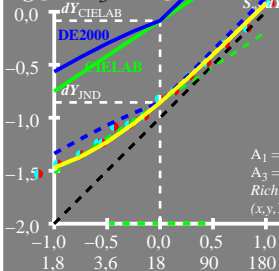
$(x, y, Y)_u = (0.33, 0.36, 18)$

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

Y



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



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

$$S_u \cdot dY_{\text{CIELAB}} / dY_{\text{JND}} = 5.9$$

x_r	dY_u	$\log Y$
-1.0	0.03	0.25
-0.5	0.064	0.75
0.0	0.139	1.25
0.5	0.3	1.75
1.0	0.647	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 ●

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

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

Y