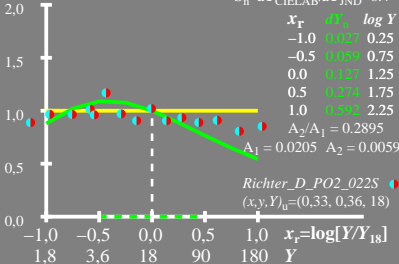


$$[dY_n]/dY = \Delta E^*_{ab} / \Delta E^*_{85}$$

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

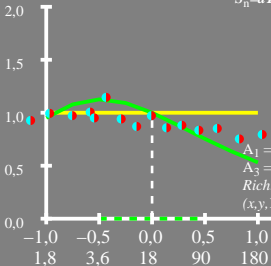
$$S_n = dY_{\text{CIELAB}} / dY_{\text{JND}} = 6.4$$



$$[dY_n]/dY = \Delta E^*_{ab} / \Delta E^*_{85}$$

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

$$S_n = dY_{\text{CIELAB}} / dY_{\text{JND}} = 6.1$$



$x_r$	$dY_n$	$\log Y$
-1.0	0.028	0.25
-0.5	0.062	0.75
0.0	0.133	1.25
0.5	0.288	1.75
1.0	0.621	2.25

$A_2/A_1 = 0.3405$

$A_1 = 0.0187$     $A_2 = 0.0063$

$A_3 = 1.0$     $A_4 = 1.0$

*Richter\_D\_PO2\_066S*

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

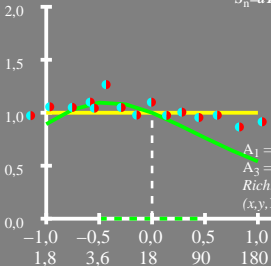
$x_r = \log[Y/Y_{18}]$

$Y$

$$[dY_n]/dY = \Delta E^*_{ab} / \Delta E^*_{85}$$

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

$$S_n = dY_{\text{CIELAB}} / dY_{\text{JND}} = 5.9$$



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

$A_2/A_1 = 0.298$

$A_1 = 0.0219$     $A_2 = 0.0065$

$A_3 = 1.179$     $A_4 = 1.685$

*Richter\_P\_PO4\_066A* ●

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

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

$Y$