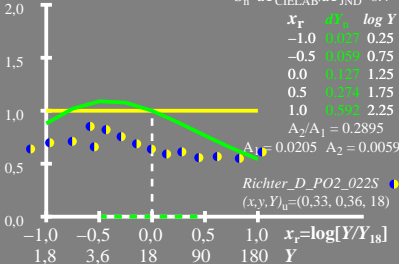


$$[dY_n]/dY = \Delta E^*_{ab} / \Delta E^*_{85}$$

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

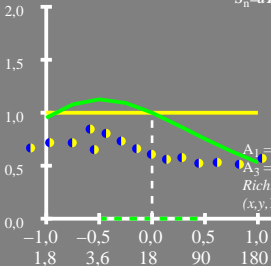
$$S_n = dY_{\text{CIELAB}} / dY_{\text{JND}} = 6.4$$



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

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

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



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

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

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

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

