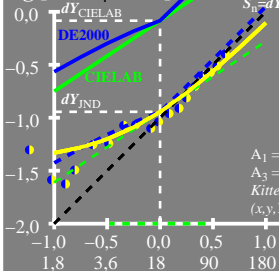


$\log [dY, A_4 \cdot \Delta b \cdot Y]$



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

$$S_n = dY_{\text{CIELAB}} / dY_{\text{JND}} = 7.2$$

x_r	dY_u	$\log Y$
-1.0	0.024	0.25
-0.5	0.052	0.75
0.0	0.113	1.25
0.5	0.245	1.75
1.0	0.528	2.25

x_r dY_u $\log Y$

-1.0 0.024 0.25

-0.5 0.052 0.75

0.0 0.113 1.25

0.5 0.245 1.75

1.0 0.528 2.25

$A_2/A_1 = 0.106$

$A_1 = 0.0391$ $A_2 = 0.0041$

$A_3 = 2.507$ $A_4 = 0.556$

Kittelmann_PO4_068A ●

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

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

1.8 3.6 18 90 180 Y