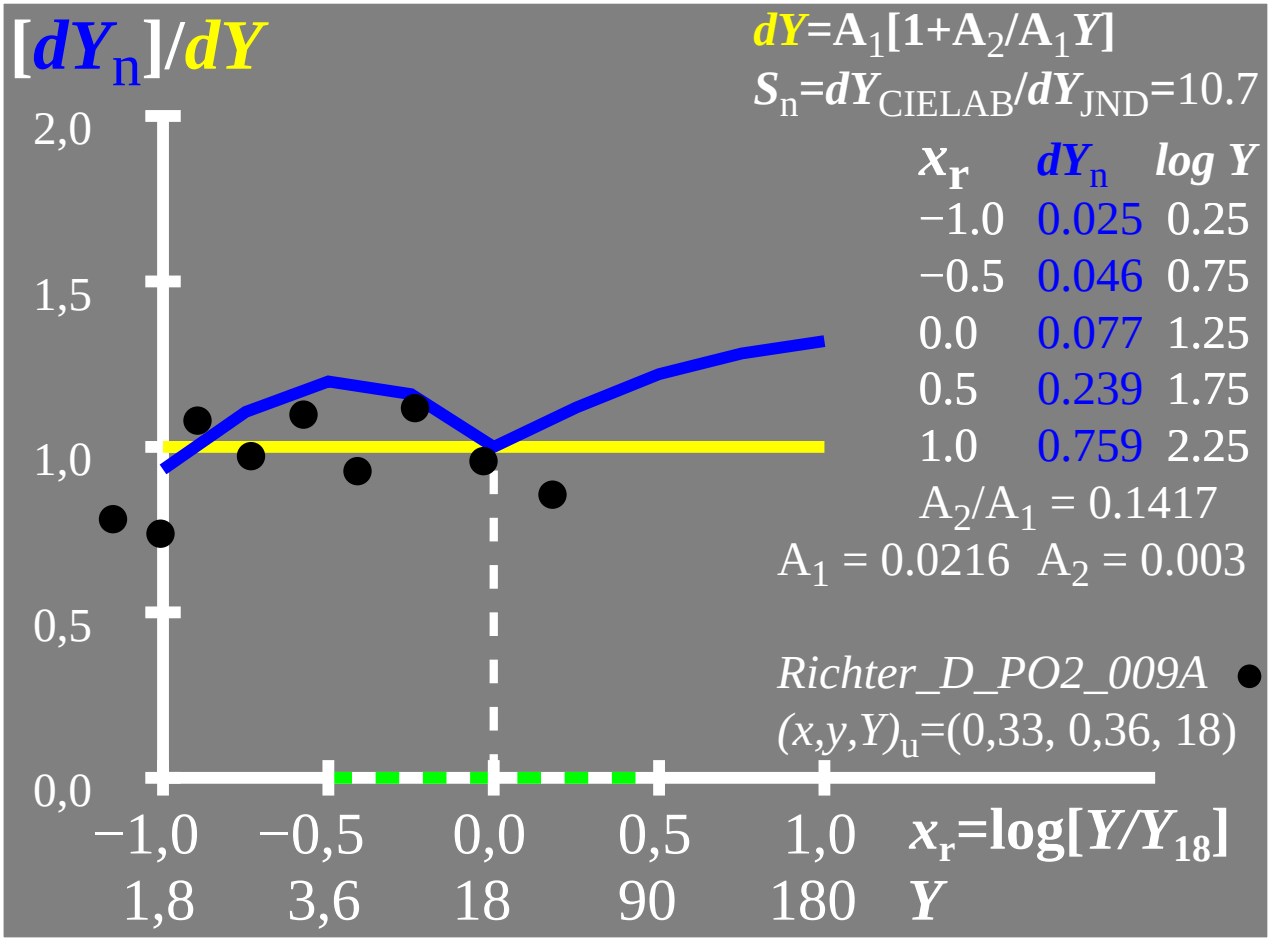
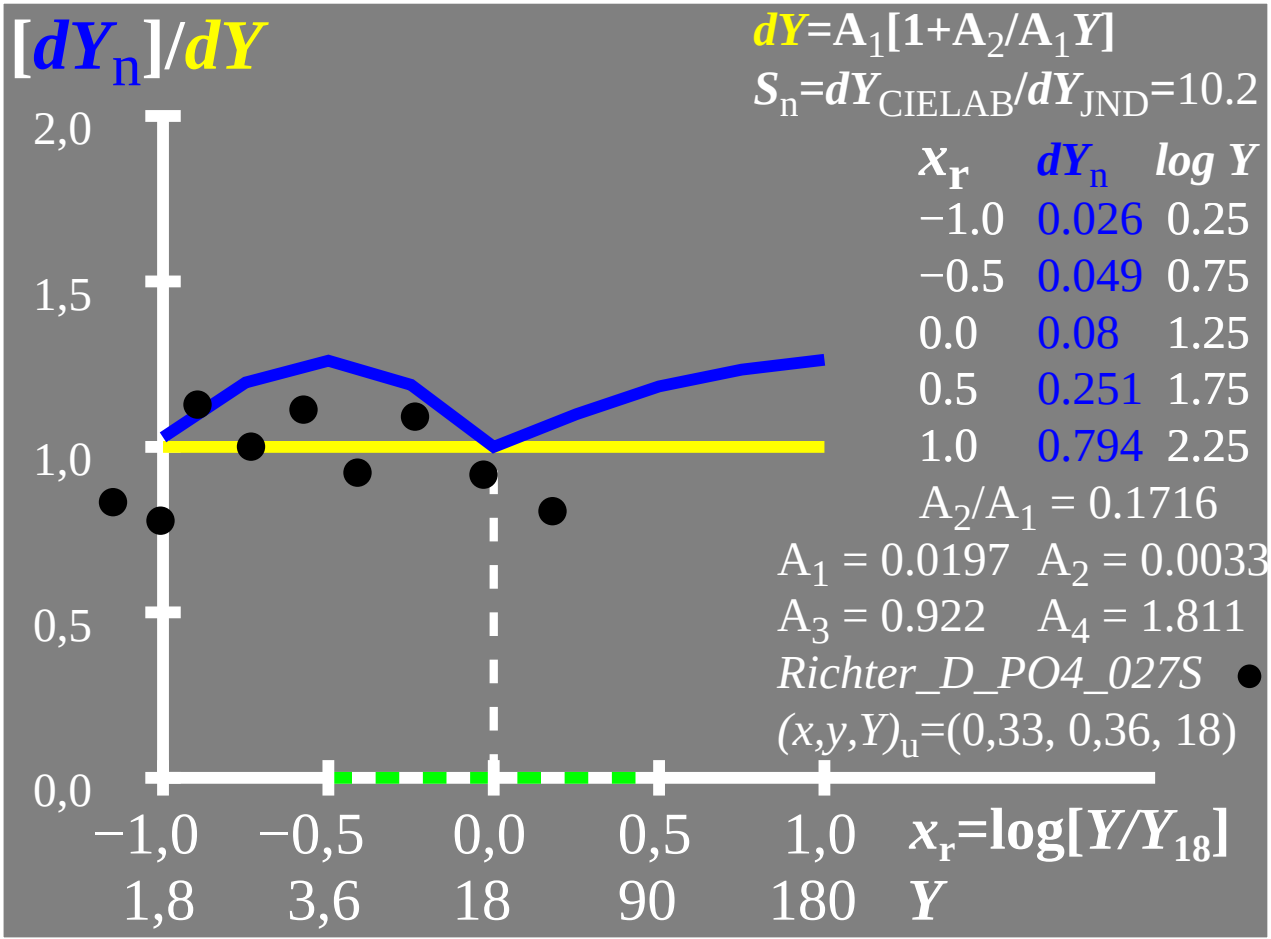
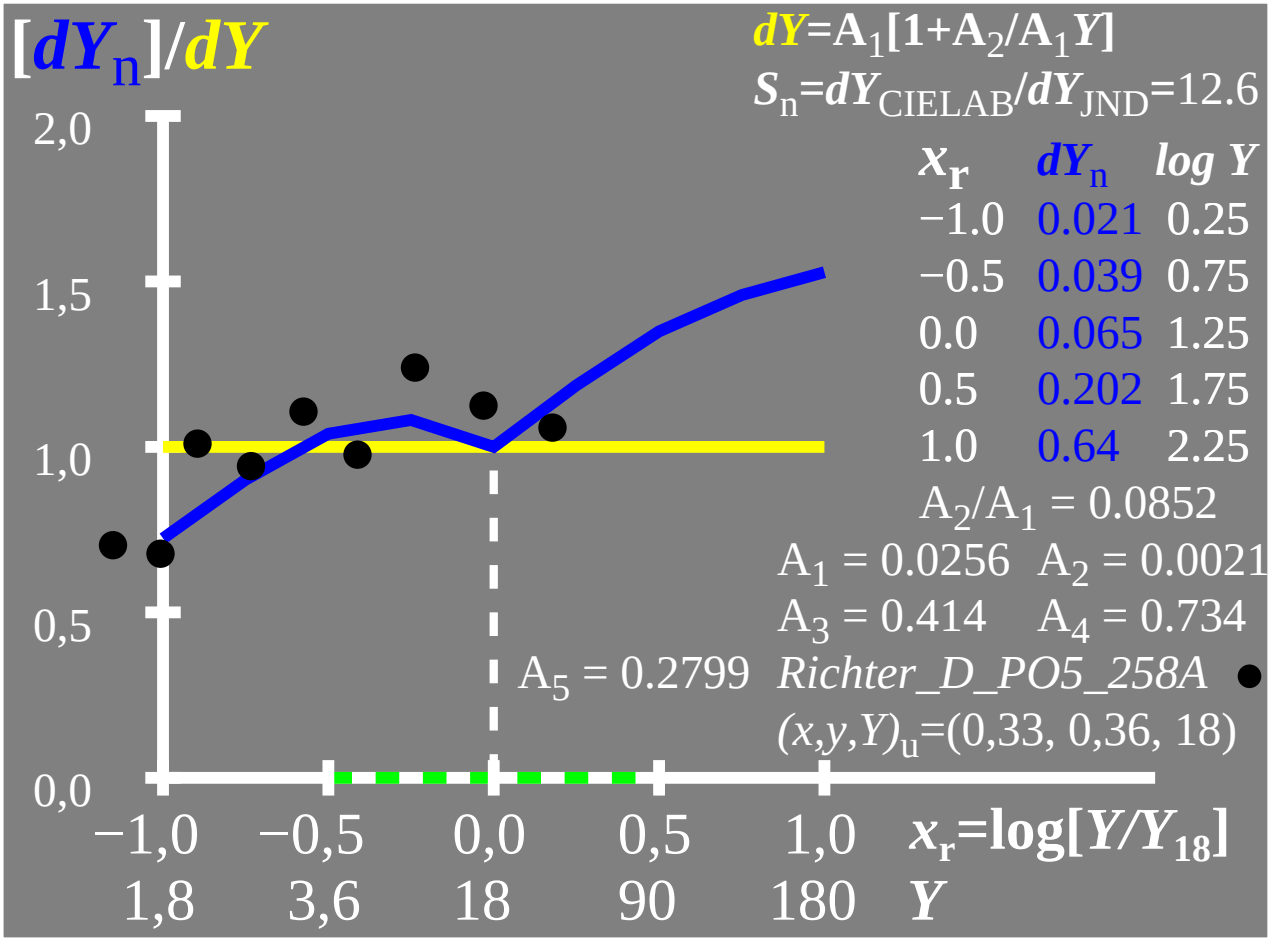

[dY_n]/dY
dY=A_1[1+A_2/A_1Y]
S_n=dY_CIELAB/dY_JND=10.7
x_r dY_n log Y
−1.0 0.025 0.25
−0.5 0.046 0.75
0.0 0.077 1.25
0.5 0.239 1.75
1.0 0.759 2.25
A_2/A_1 = 0.1417
A_1 = 0.0216 A_2 = 0.003
Richter_D_PO2_009A
(x,y,Y)_u=(0,33, 0,36, 18)
2,0
1,5
1,0
0,5
0,0
−1,0 −0,5 0,0 0,5 1,0
x_r=log[Y/Y_18]
1,8 3,6 18 90 180
Y

UG711−8A_1


[dY_n]/dY
dY=A_1[1+A_2/A_1Y]
S_n=dY_CIELAB/dY_JND=10.2
x_r dY_n log Y
−1.0 0.026 0.25
−0.5 0.049 0.75
0.0 0.08 1.25
0.5 0.251 1.75
1.0 0.794 2.25
A_2/A_1 = 0.1716
A_1 = 0.0197 A_2 = 0.0033
A_3 = 0.922 A_4 = 1.811
Richter_D_PO4_027S
(x,y,Y)_u=(0,33, 0,36, 18)
2,0
1,5
1,0
0,5
0,0
−1,0 −0,5 0,0 0,5 1,0
x_r=log[Y/Y_18]
1,8 3,6 18 90 180
Y

UG711−8A_2


[dY_n]/dY
dY=A_1[1+A_2/A_1Y]
S_n=dY_CIELAB/dY_JND=12.6
x_r dY_n log Y
−1.0 0.021 0.25
−0.5 0.039 0.75
0.0 0.065 1.25
0.5 0.202 1.75
1.0 0.64 2.25
A_2/A_1 = 0.0852
A_1 = 0.0256 A_2 = 0.0021
A_3 = 0.414 A_4 = 0.734
A_5 = 0.2799 Richter_D_PO5_258A
(x,y,Y)_u=(0,33, 0,36, 18)
2,0
1,5
1,0
0,5
0,0
−1,0 −0,5 0,0 0,5 1,0
1,8 3,6 18 90 180
x_r=log[Y/Y_18]
Y

UG711−8A_3