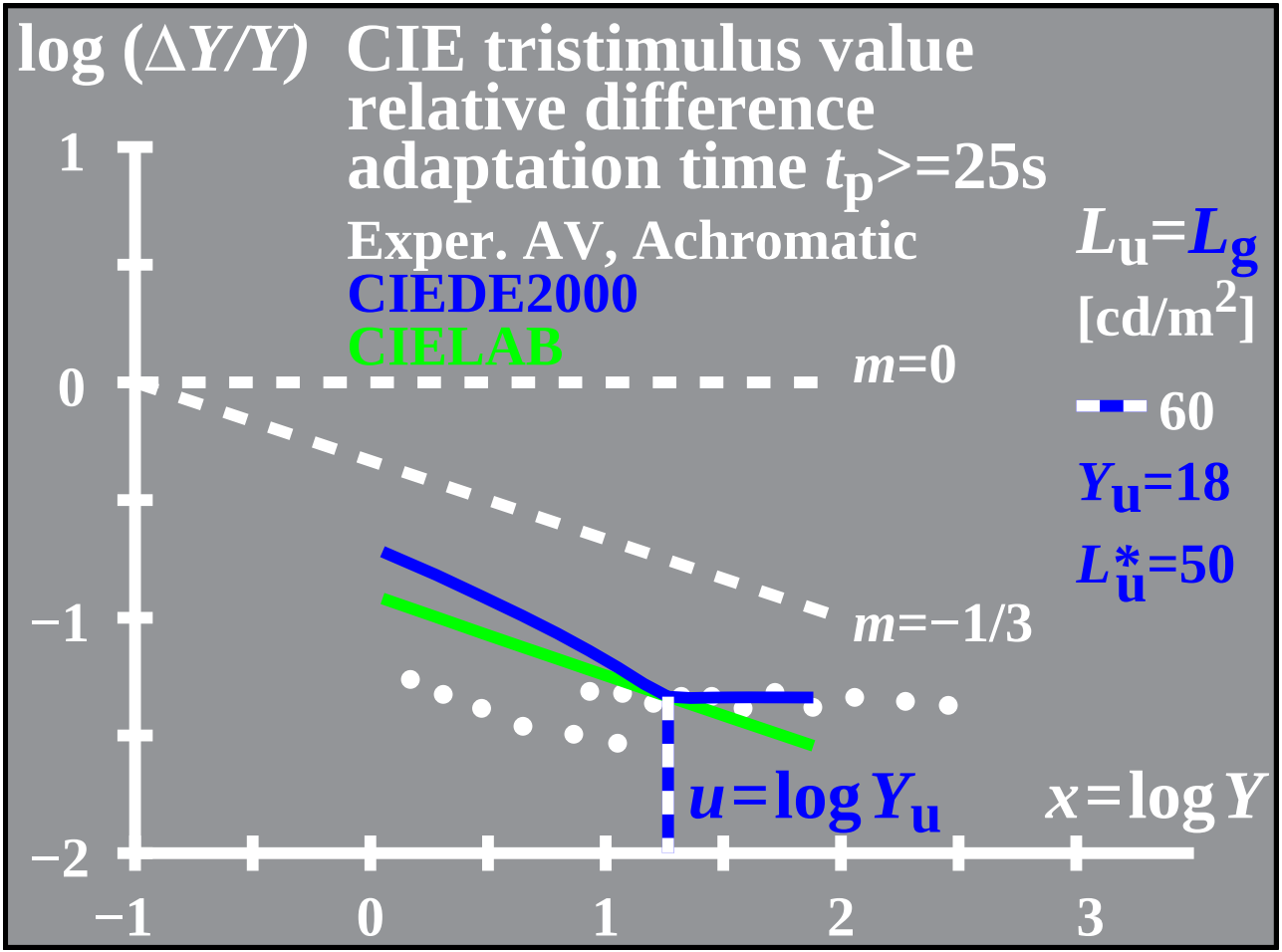
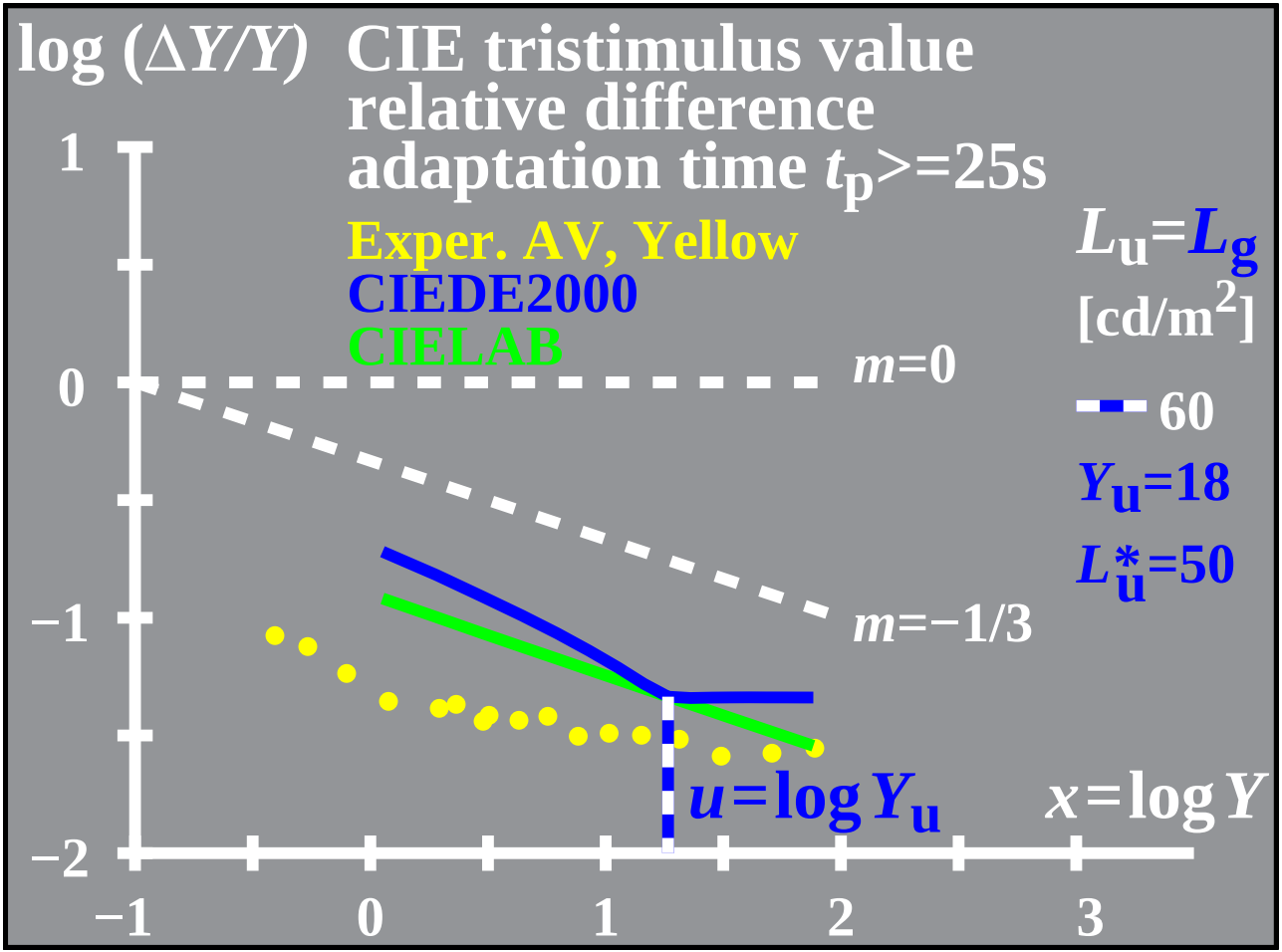
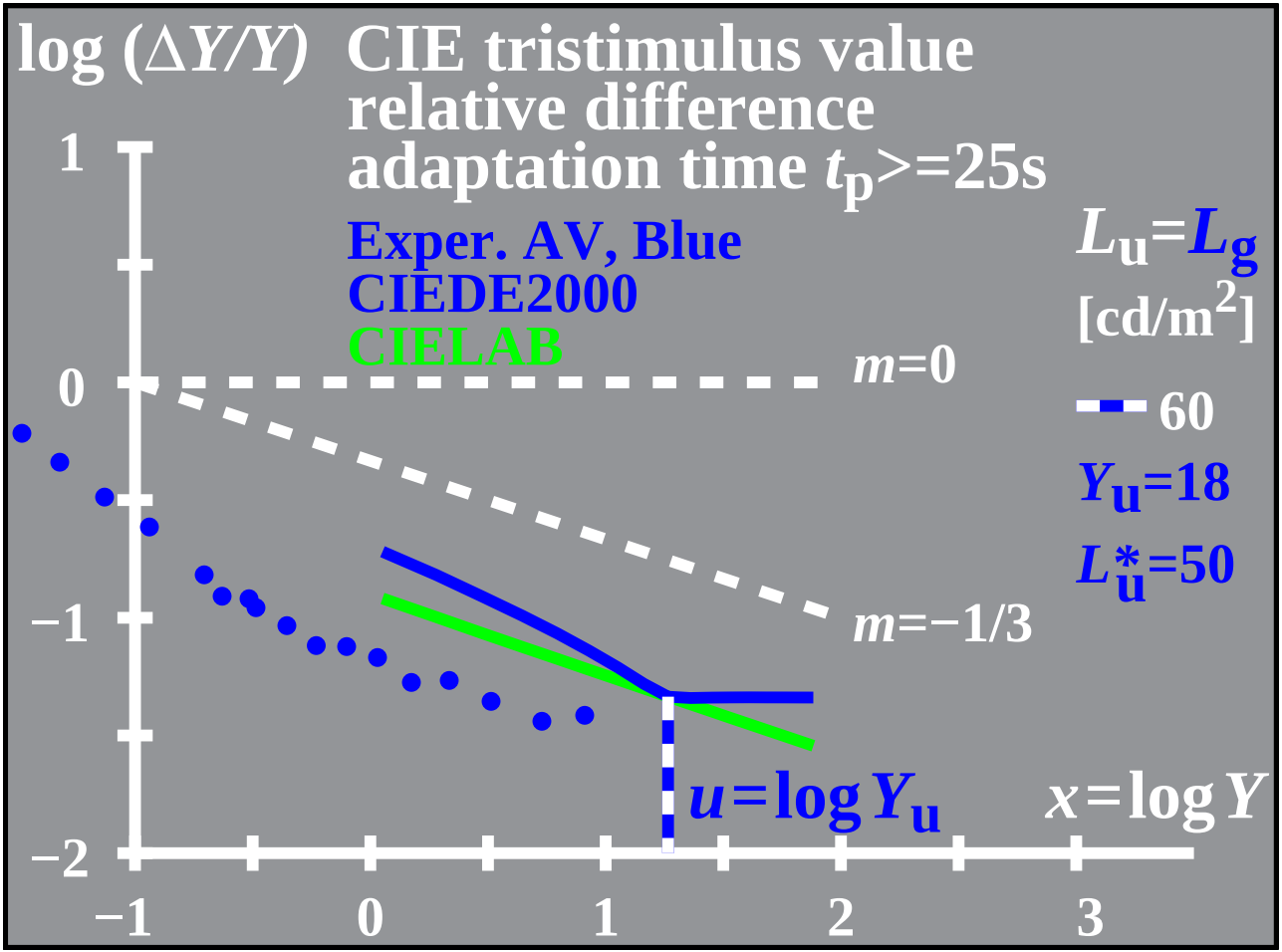

log (ΔY/Y)
CIE tristimulus value
relative difference
adaptation time $t_p$>=25s
Exper. AV, Achromatic
CIEDE2000
CIELAB
$L_u=L_g$
[cd/m$^2$]
60
$Y_u$=18
$L^*_u$=50
m=0
m=−1/3
$u=\log Y_u$
$x=\log Y$
1
0
−1
−2
−1
0
1
2
3

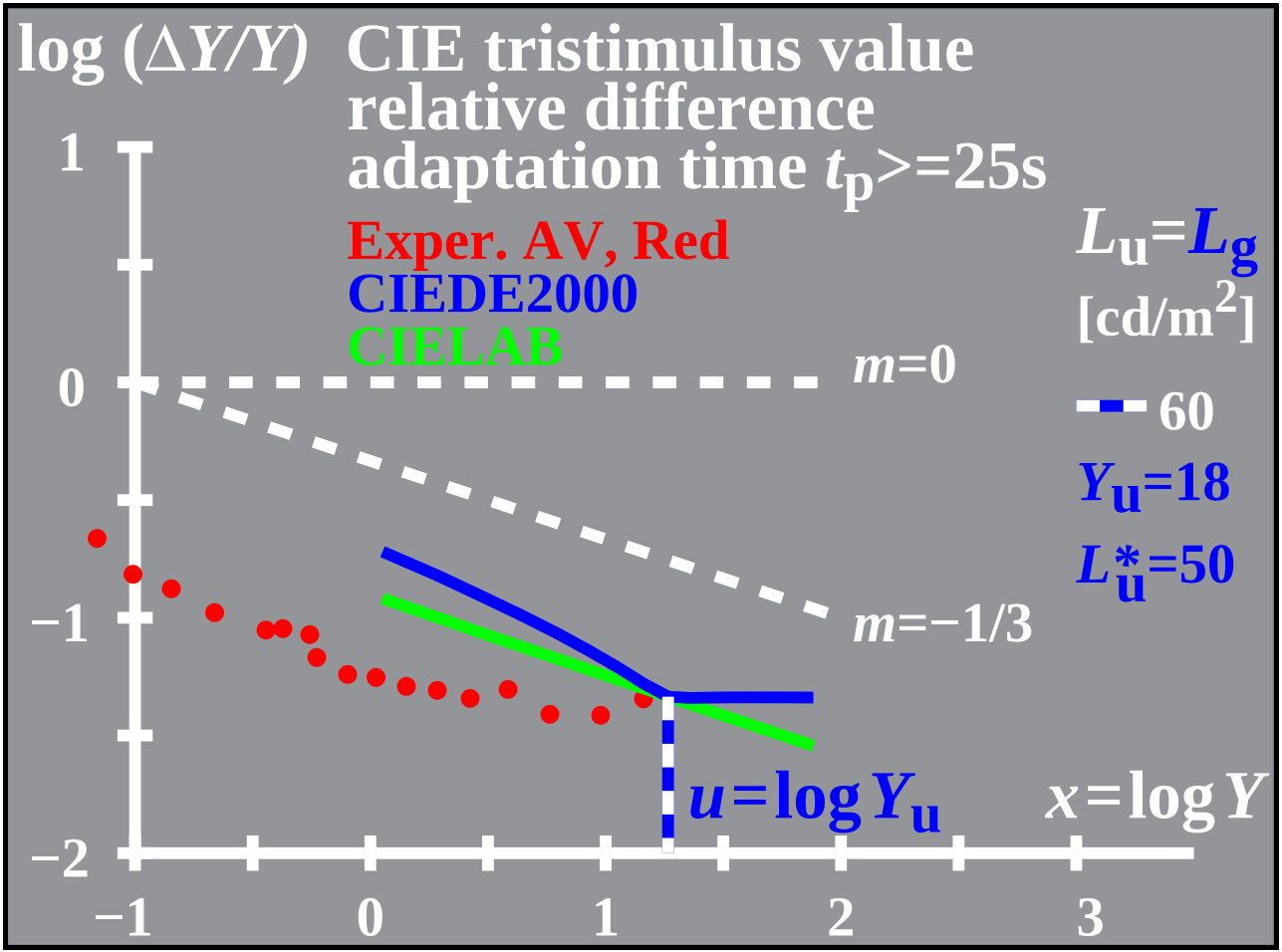
UE781−3A_1


log (ΔY/Y)
CIE tristimulus value
relative difference
adaptation time $t_p$>=25s
Exper. AV, Yellow
CIEDE2000
CIELAB
$L_u=L_g$
[cd/m$^2$]
60
$Y_u$=18
$L^*_u$=50
m=0
m=−1/3
$u=\log Y_u$
$x=\log Y$
1
0
−1
−2
−1
0
1
2
3

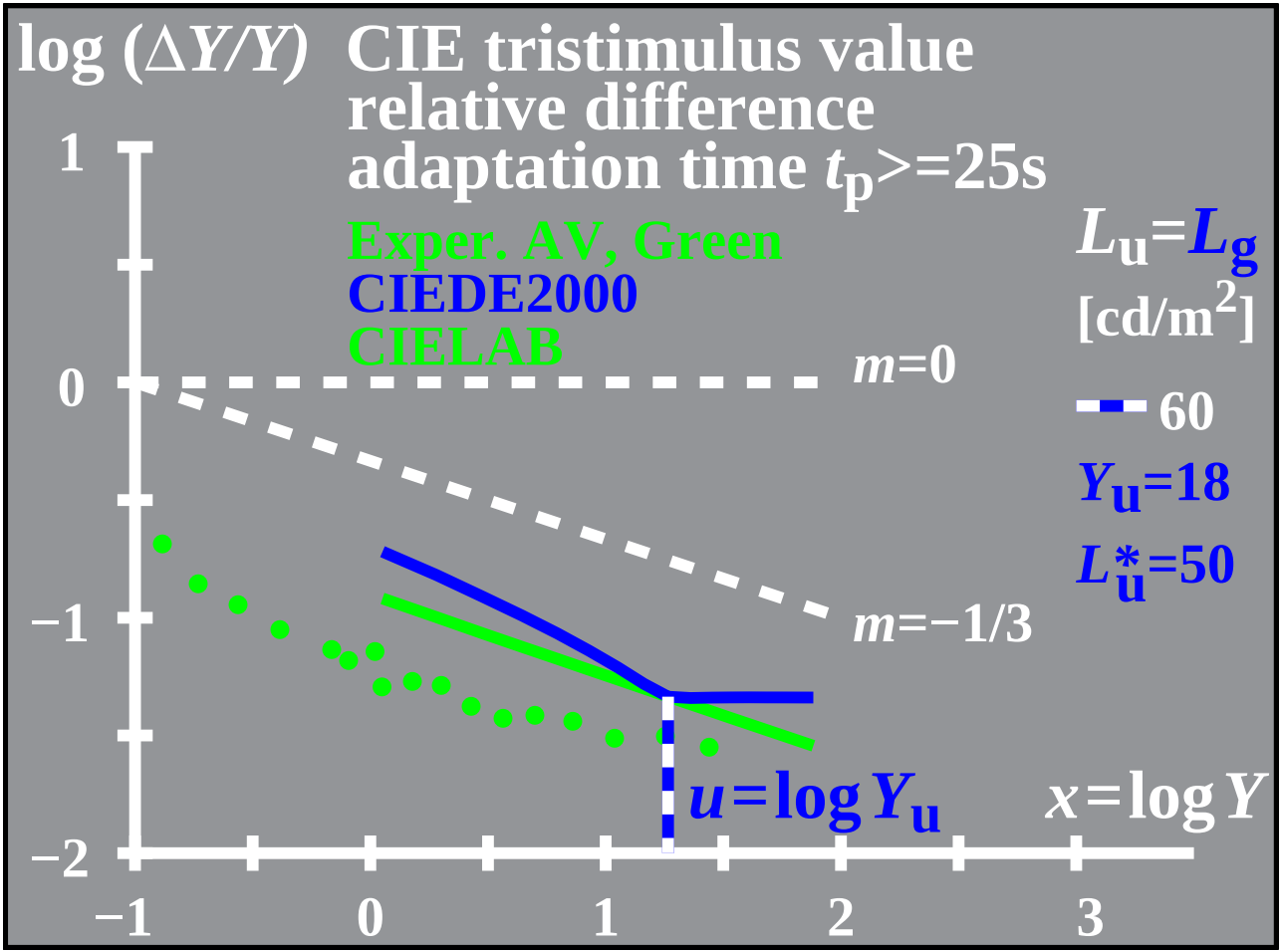
UE781−3A_2


log (ΔY/Y)
CIE tristimulus value
relative difference
adaptation time $t_p$>=25s
Exper. AV, Blue
CIEDE2000
CIELAB
$L_u=L_g$
[cd/m$^2$]
60
$Y_u$=18
$L^*_u$=50
m=0
m=−1/3
$u=\log Y_u$
$x=\log Y$
1
0
−1
−2
−1
0
1
2
3

UE781−3A_3


log (ΔY/Y)
CIE tristimulus value
relative difference
adaptation time $t_p$>=25s
Exper. AV, Red
CIEDE2000
CIELAB
$L_u=L_g$
[cd/m$^2$]
60
$Y_u$=18
$L^*_u$=50
m=0
m=−1/3
$u=\log Y_u$
$x=\log Y$
1
0
−1
−2
−1
0
1
2
3

UE781−3A_4


log (ΔY/Y)
CIE tristimulus value
relative difference
adaptation time $t_p$>=25s
Exper. AV, Green
CIEDE2000
CIELAB
$L_u=L_g$
[cd/m$^2$]
60
$Y_u$=18
$L^*_u$=50
m=0
m=−1/3
$u=\log Y_u$
$x=\log Y$
1
0
−1
−2
−1
0
1
2
3

UE781−3A_5