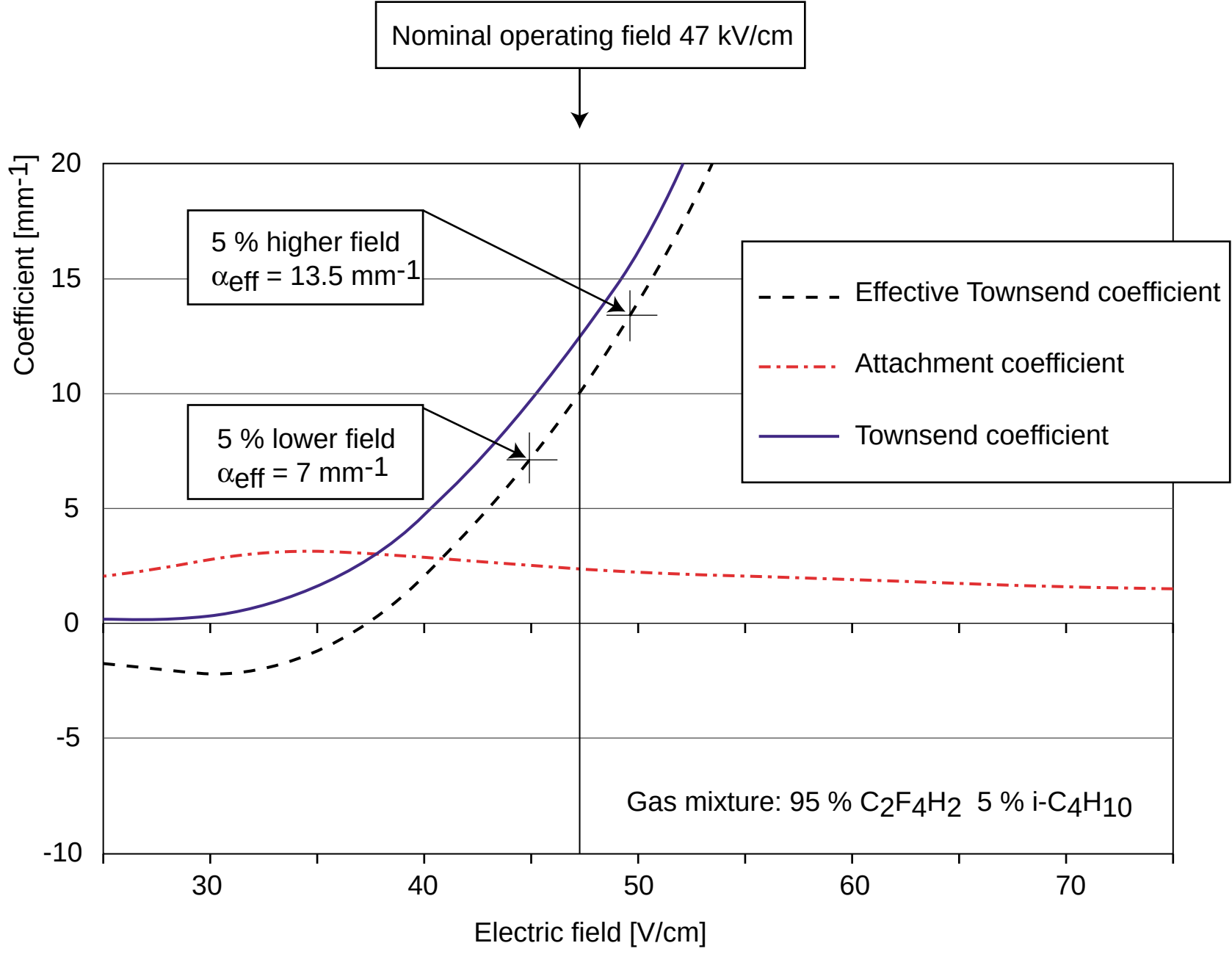
Nominal operating field 47 kV/cm
5 % higher field
α_{eff} = 13.5 mm^{-1}
5 % lower field
α_{eff} = 7 mm^{-1}
Effective Townsend coefficient
Attachment coefficient
Townsend coefficient
Gas mixture: 95 % $C_2F_4H_2$ 5 % i-C_4H_{10}
Coefficient [mm^{-1}]
Electric field [V/cm]
20
15
10
5
0
-5
-10
30
40
50
60
70