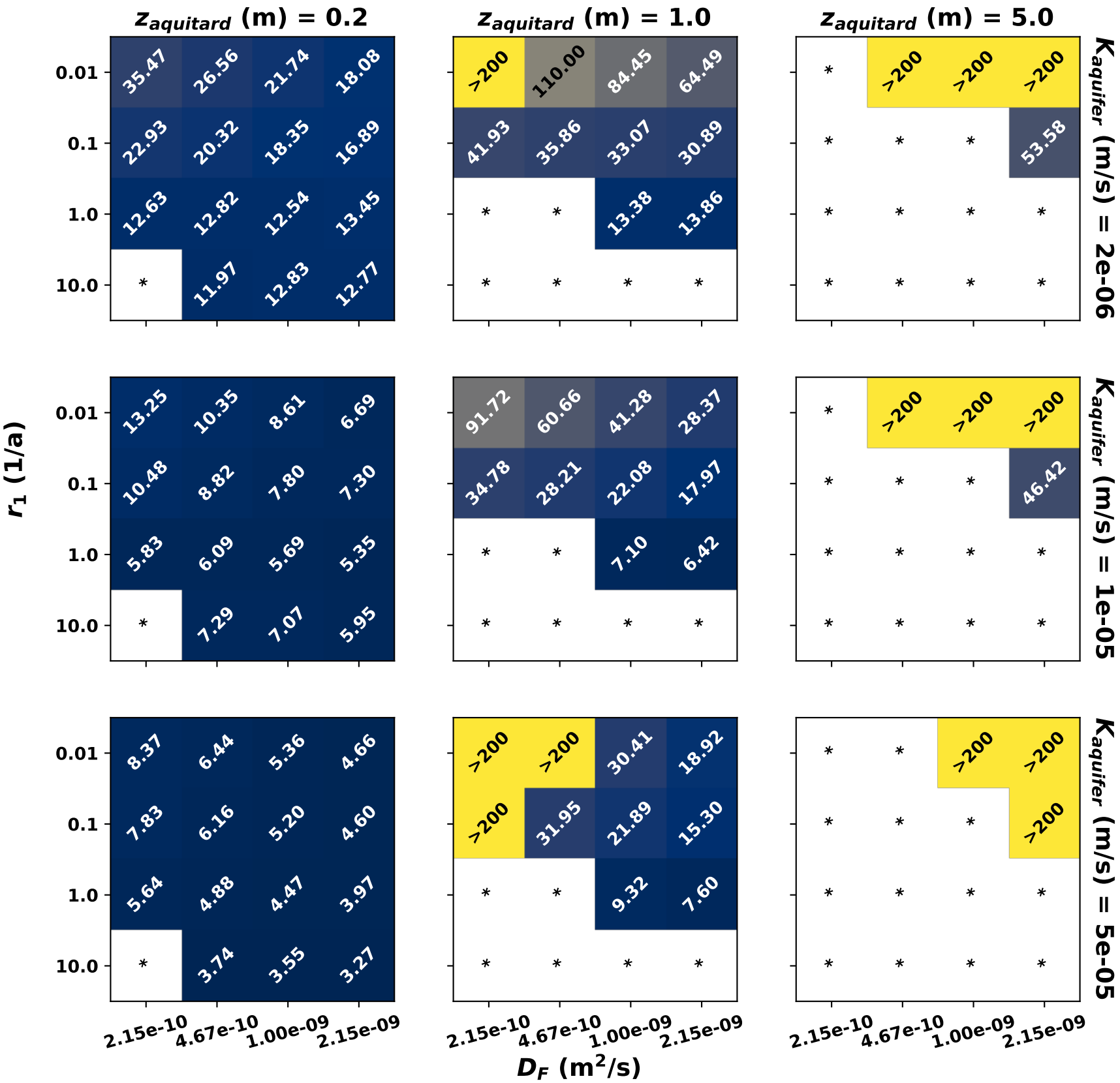
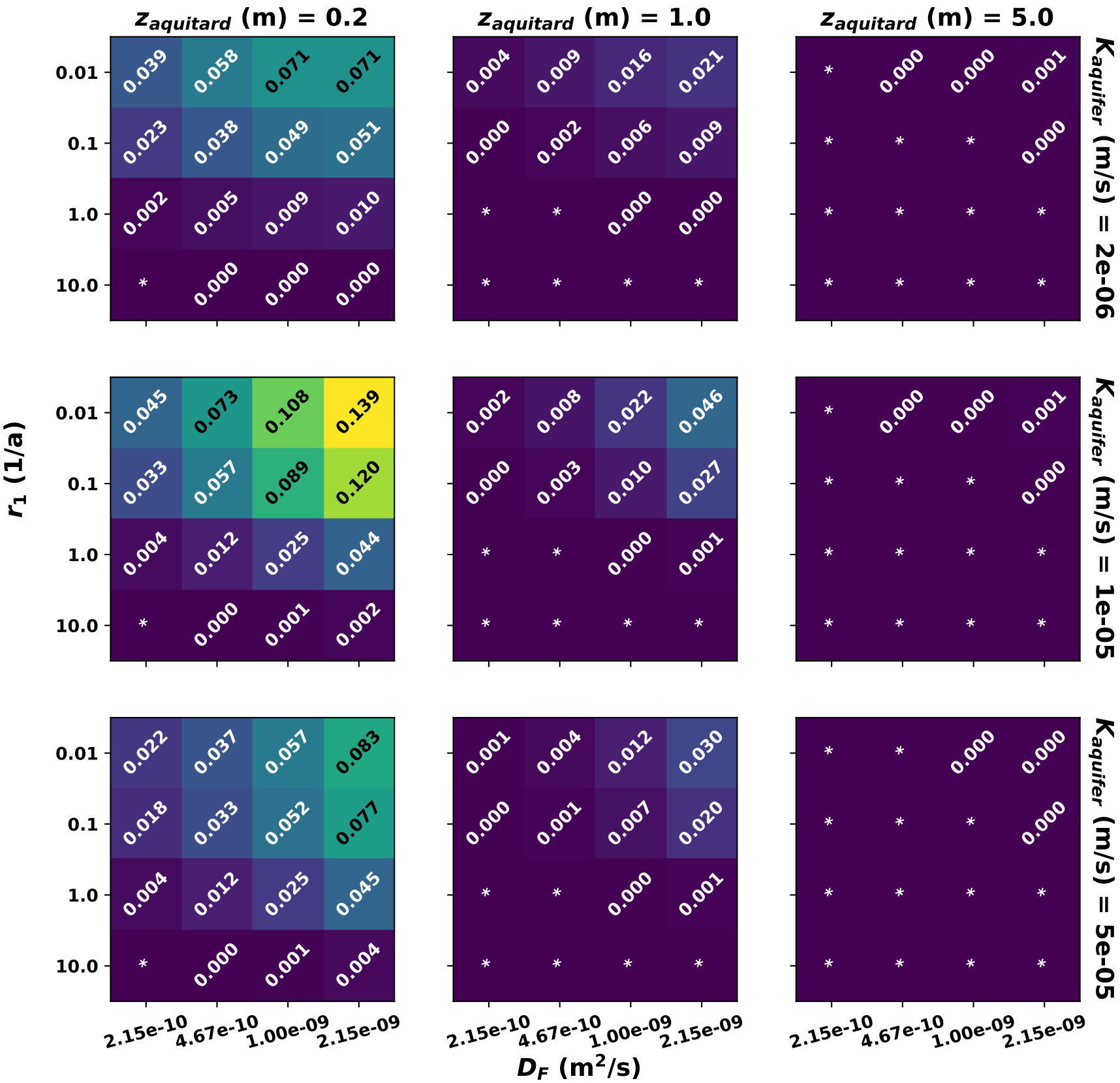
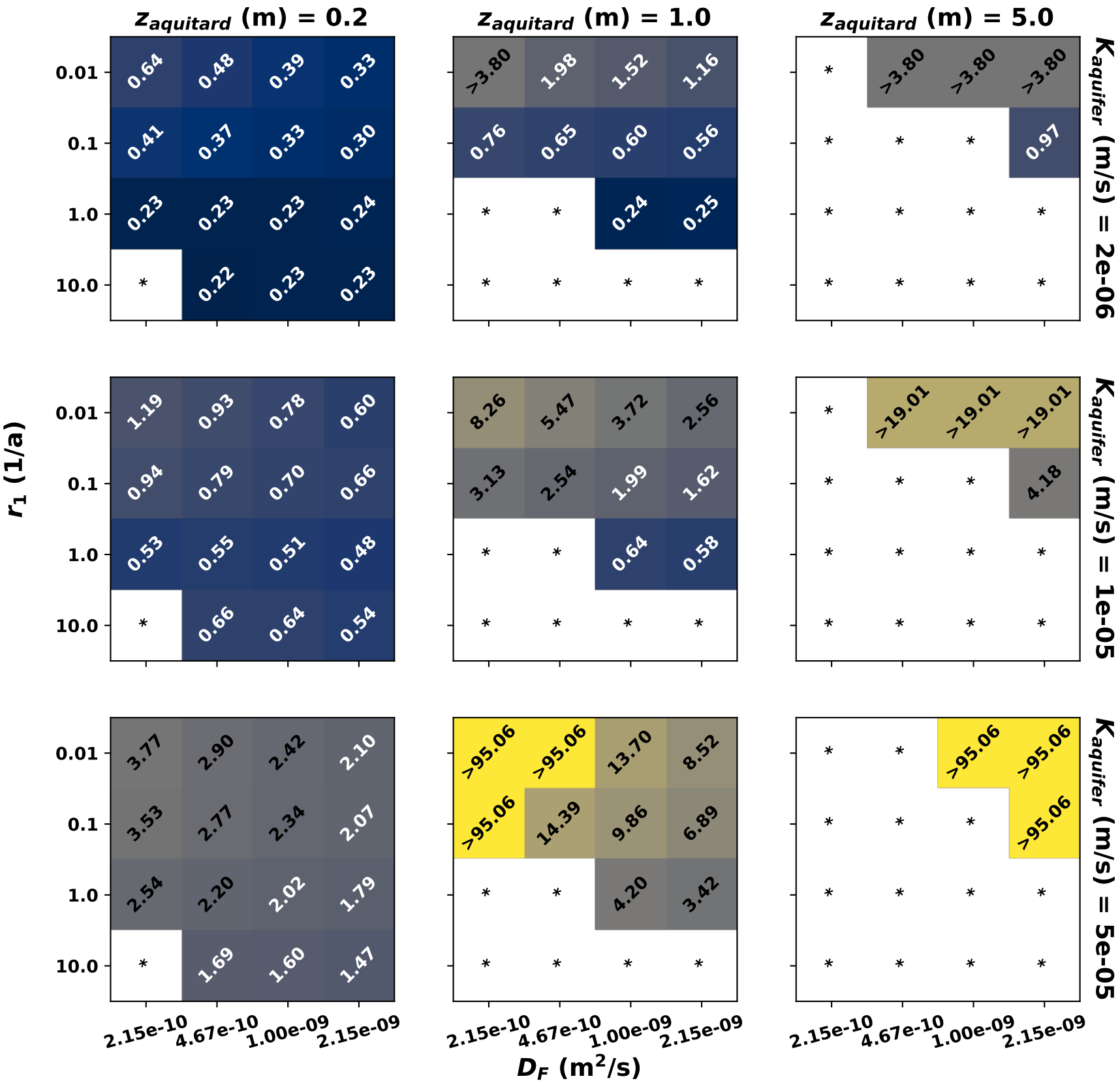
/ScenarioB.csv_OUT_2020.03.03.10.50.47.pdf
f_{re} = 1.35
point # = 10 (@ 100 m)
drop factor = 0.1
cutOffC = 1e-05

order of figures:
time (years) for attenuation after peak
peak value (mol/m^3)
n pore volumes for attenuation after peak

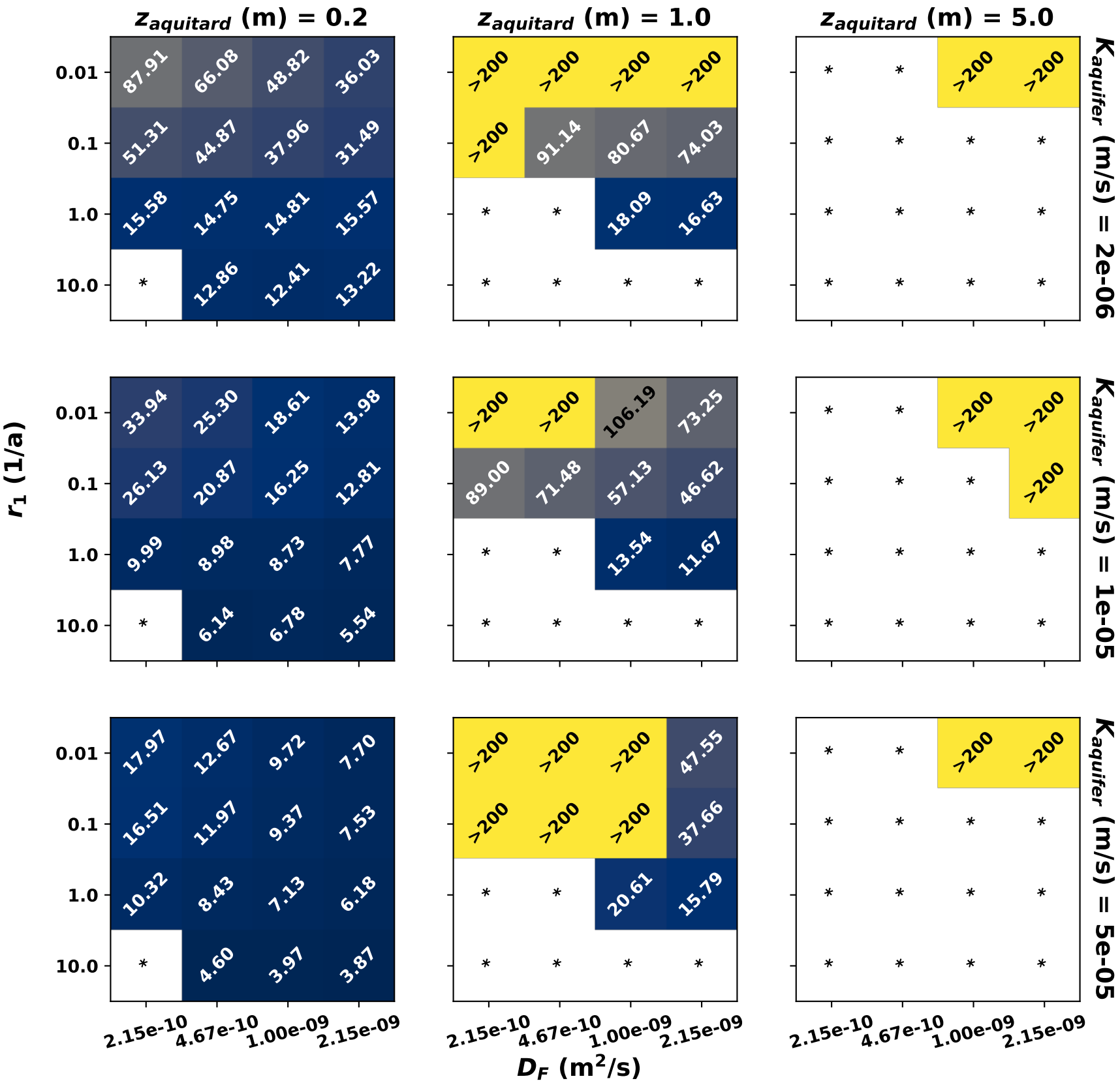

$z_{aquitard}$ (m) = 0.2
$z_{aquitard}$ (m) = 1.0
$z_{aquitard}$ (m) = 5.0
$K_{aquifer}$ (m/s) = 2e-06
$K_{aquifer}$ (m/s) = 1e-05
$K_{aquifer}$ (m/s) = 5e-05
r_1 (1/a)
0.01
0.1
1.0
10.0
35.47 26.56 21.74 18.08
22.93 20.32 18.35 16.89
12.63 12.82 12.54 13.45
* 11.97 12.83 12.77
>200 110.00 84.45 64.49
41.93 35.86 33.07 30.89
* * 13.38 13.86
* * * *
* >200 >200 >200
* * * 53.58
* * * *
* * * *
13.25 10.35 8.61 6.69
10.48 8.82 7.80 7.30
5.83 6.09 5.69 5.35
* 7.29 7.07 5.95
91.72 60.66 41.28 28.37
34.78 28.21 22.08 17.97
* * 7.10 6.42
* * * *
* >200 >200 >200
* * * 46.42
* * * *
* * * *
8.37 6.44 5.36 4.66
7.83 6.16 5.20 4.60
5.64 4.88 4.47 3.97
* 3.74 3.55 3.27
>200 >200 30.41 18.92
>200 31.95 21.89 15.30
* * 9.32 7.60
* * * *
* * >200 >200
* * * >200
* * * *
* * * *
2.15e-10
4.67e-10
1.00e-09
2.15e-09
D_F (m²/s)

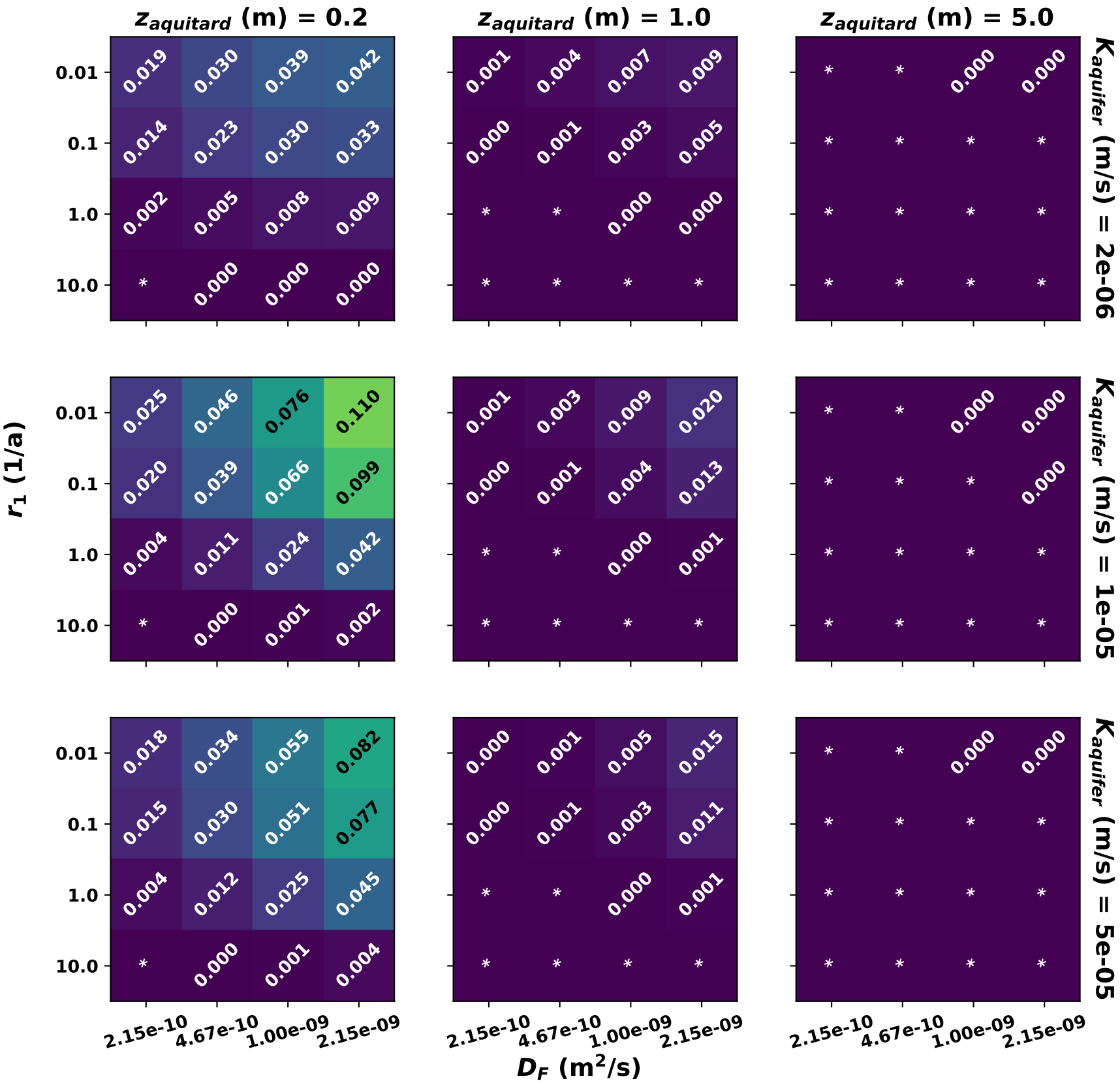

$z_{aquitard}$ (m) = 0.2
$z_{aquitard}$ (m) = 1.0
$z_{aquitard}$ (m) = 5.0
$K_{aquifer}$ (m/s) = 2e-06
$K_{aquifer}$ (m/s) = 1e-05
$K_{aquifer}$ (m/s) = 5e-05
r_1 (1/a)
0.01
0.1
1.0
10.0
D_F (m²/s)
2.15e-10
4.67e-10
1.00e-09
2.15e-09
0.039 0.058 0.071 0.071
0.023 0.038 0.049 0.051
0.002 0.005 0.009 0.010
* 0.000 0.000 0.000
0.004 0.009 0.016 0.021
0.000 0.002 0.006 0.009
* * 0.000 0.000
* * * *
* 0.000 0.000 0.001
* * * 0.000
* * * *
* * * *
0.045 0.073 0.108 0.139
0.033 0.057 0.089 0.120
0.004 0.012 0.025 0.044
* 0.000 0.001 0.002
0.002 0.008 0.022 0.046
0.000 0.003 0.010 0.027
* * 0.000 0.001
* * * *
* 0.000 0.000 0.001
* * * 0.000
* * * *
* * * *
0.022 0.037 0.057 0.083
0.018 0.033 0.052 0.077
0.004 0.012 0.025 0.045
* 0.000 0.001 0.004
0.001 0.004 0.012 0.030
0.000 0.001 0.007 0.020
* * 0.000 0.001
* * * *
* * 0.000 0.000
* * * 0.000
* * * *
* * * *

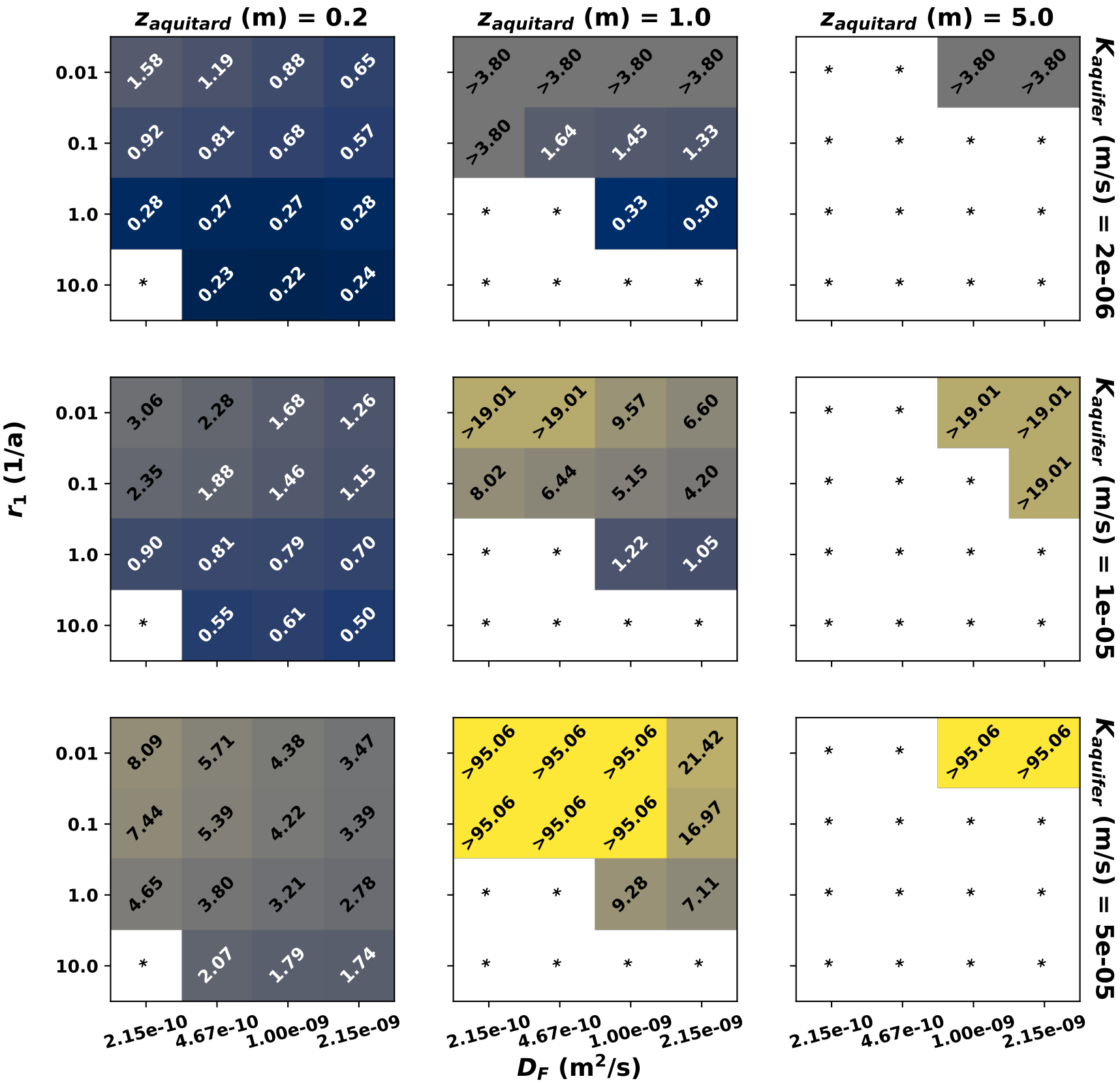

$z_{aquitard}$ (m) = 0.2
$z_{aquitard}$ (m) = 1.0
$z_{aquitard}$ (m) = 5.0
$K_{aquifer}$ (m/s) = 2e-06
$K_{aquifer}$ (m/s) = 1e-05
$K_{aquifer}$ (m/s) = 5e-05
r_1 (1/a)
0.01
0.1
1.0
10.0
0.64 0.48 0.39 0.33
0.41 0.37 0.33 0.30
0.23 0.23 0.23 0.24
* 0.22 0.23 0.23
>3.80 1.98 1.52 1.16
0.76 0.65 0.60 0.56
* * 0.24 0.25
* * * *
* >3.80 >3.80 >3.80
* * * 0.97
* * * *
* * * *
1.19 0.93 0.78 0.60
0.94 0.79 0.70 0.66
0.53 0.55 0.51 0.48
* 0.66 0.64 0.54
8.26 5.47 3.72 2.56
3.13 2.54 1.99 1.62
* * 0.64 0.58
* * * *
* >19.01 >19.01 >19.01
* * * 4.18
* * * *
* * * *
3.77 2.90 2.42 2.10
3.53 2.77 2.34 2.07
2.54 2.20 2.02 1.79
* 1.69 1.60 1.47
>95.06 >95.06 13.70 8.52
>95.06 14.39 9.86 6.89
* * 4.20 3.42
* * * *
* * >95.06 >95.06
* * * >95.06
* * * *
* * * *
2.15e-10
4.67e-10
1.00e-09
2.15e-09
D_F (m^2/s)

/ScenarioB.csv_OUT_2020.03.03.10.50.47.pdf
f_{re} = 3.5
point # = 10 (@ 100 m)
drop factor = 0.1
cutOffC = 1e-05

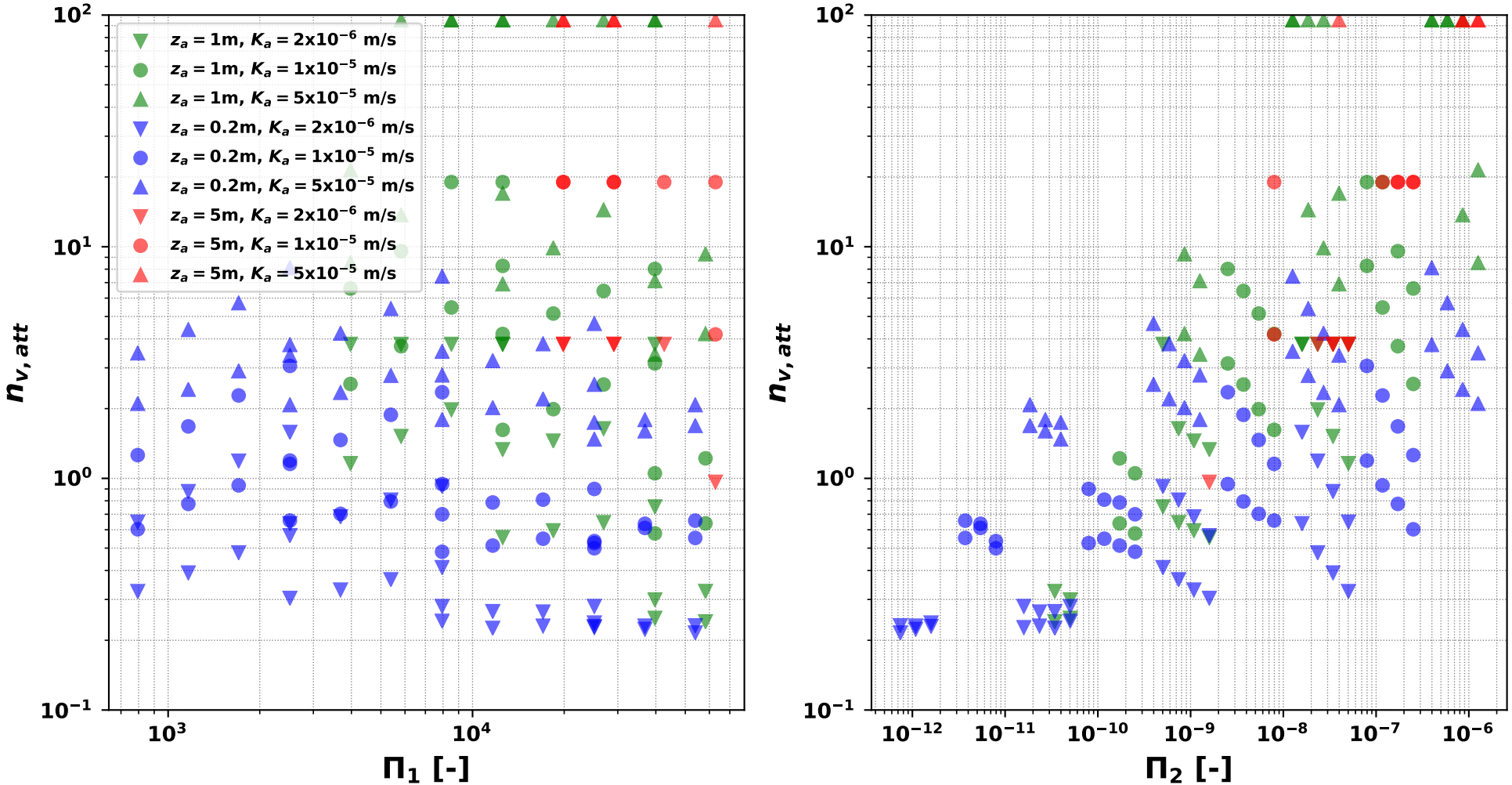
order of figures:
time (years) for attenuation after peak
peak value (mol/m^3)
n pore volumes for attenuation after peak

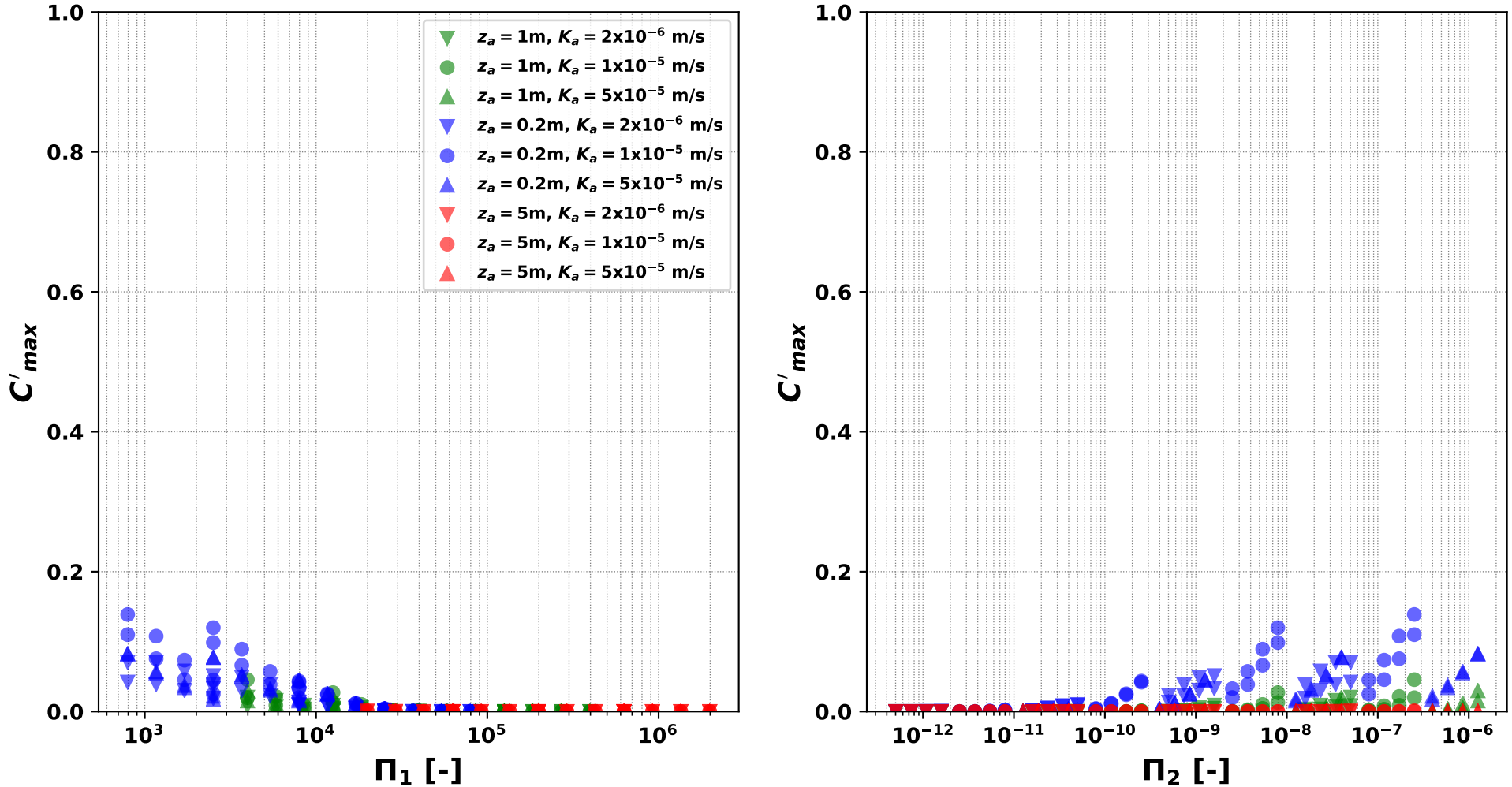

$z_{aquitard}$ (m) = 0.2
$z_{aquitard}$ (m) = 1.0
$z_{aquitard}$ (m) = 5.0
$K_{aquifer}$ (m/s) = 2e-06
$K_{aquifer}$ (m/s) = 1e-05
$K_{aquifer}$ (m/s) = 5e-05
r_1 (1/a)
0.01
0.1
1.0
10.0
87.91
66.08
48.82
36.03
51.31
44.87
37.96
31.49
15.58
14.75
14.81
15.57
12.86
12.41
13.22
>200
91.14
80.67
74.03
18.09
16.63
33.94
25.30
18.61
13.98
26.13
20.87
16.25
12.81
9.99
8.98
8.73
7.77
6.14
6.78
5.54
106.19
73.25
89.00
71.48
57.13
46.62
13.54
11.67
17.97
12.67
9.72
7.70
16.51
11.97
9.37
7.53
10.32
8.43
7.13
6.18
4.60
3.97
3.87
47.55
37.66
20.61
15.79
2.15e-10
4.67e-10
1.00e-09
2.15e-09
D_F (m^2/s)

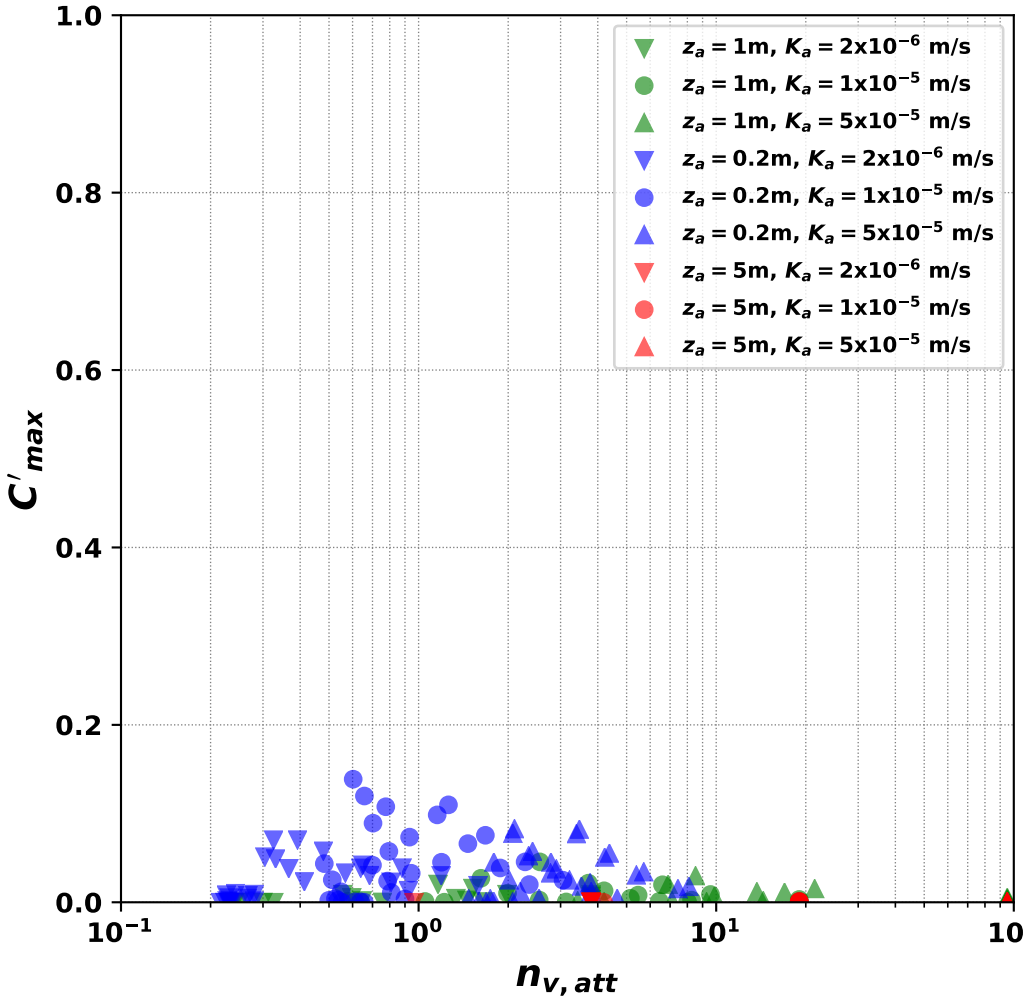

$z_{aquitard}$ (m) = 0.2
$z_{aquitard}$ (m) = 1.0
$z_{aquitard}$ (m) = 5.0
$K_{aquifer}$ (m/s) = 2e-06
$K_{aquifer}$ (m/s) = 1e-05
$K_{aquifer}$ (m/s) = 5e-05
r_1 (1/a)
0.01
0.1
1.0
10.0
0.019 0.030 0.039 0.042
0.014 0.023 0.030 0.033
0.002 0.005 0.008 0.009
* 0.000 0.000 0.000
0.001 0.004 0.007 0.009
0.000 0.001 0.003 0.005
* * 0.000 0.000
* * * *
* * 0.000 0.000
* * * *
* * * *
* * * *
0.025 0.046 0.076 0.110
0.020 0.039 0.066 0.099
0.004 0.011 0.024 0.042
* 0.000 0.001 0.002
0.001 0.003 0.009 0.020
0.000 0.001 0.004 0.013
* * 0.000 0.001
* * * *
* * 0.000 0.000
* * * 0.000
* * * *
* * * *
0.018 0.034 0.055 0.082
0.015 0.030 0.051 0.077
0.004 0.012 0.025 0.045
* 0.000 0.001 0.004
0.000 0.001 0.005 0.015
0.000 0.001 0.003 0.011
* * 0.000 0.001
* * * *
* * 0.000 0.000
* * * 0.000
* * * *
* * * *
2.15e-10
4.67e-10
1.00e-09
2.15e-09
D_F (m^2/s)

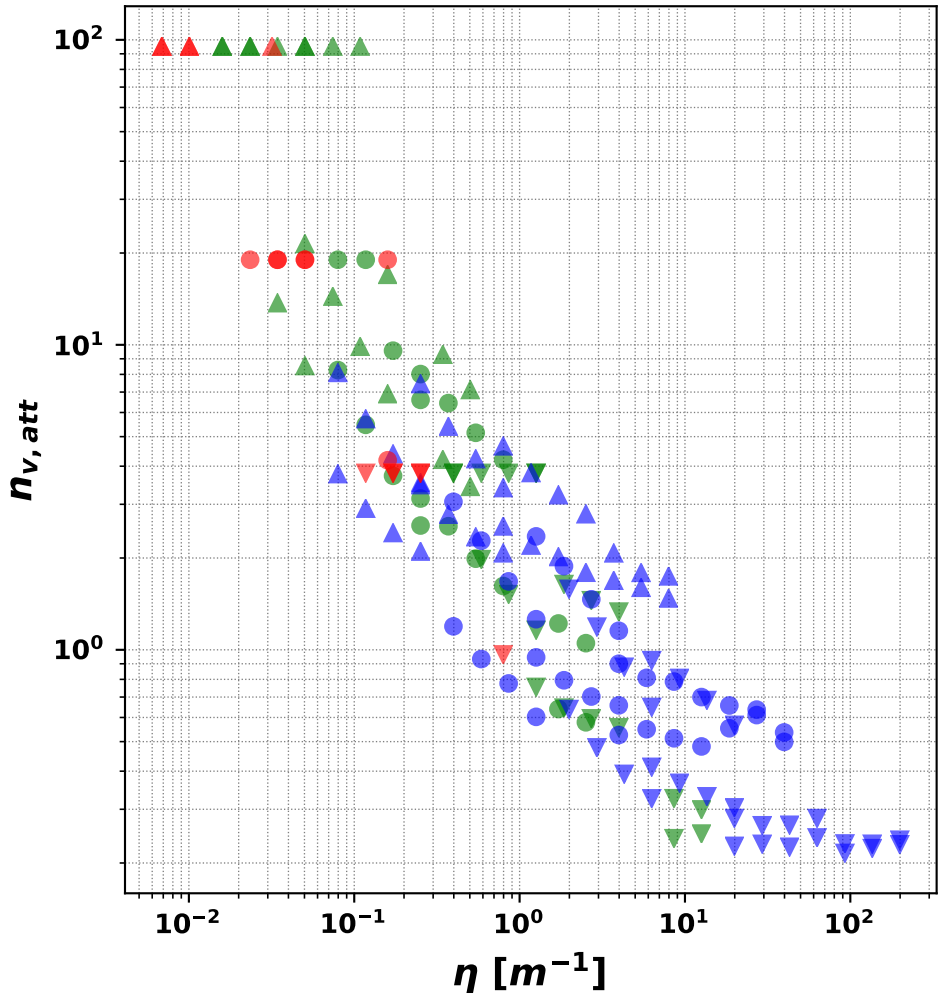

$z_{aquitard}$ (m) = 0.2
$z_{aquitard}$ (m) = 1.0
$z_{aquitard}$ (m) = 5.0
$K_{aquifer}$ (m/s) = 2e-06
$K_{aquifer}$ (m/s) = 1e-05
$K_{aquifer}$ (m/s) = 5e-05
r_1 (1/a)
0.01
0.1
1.0
10.0
1.58 1.19 0.88 0.65
0.92 0.81 0.68 0.57
0.28 0.27 0.27 0.28
* 0.23 0.22 0.24
>3.80 >3.80 >3.80 >3.80
>3.80 1.64 1.45 1.33
* * 0.33 0.30
* * * *
* * >3.80 >3.80
* * * *
* * * *
* * * *
3.06 2.28 1.68 1.26
2.35 1.88 1.46 1.15
0.90 0.81 0.79 0.70
* 0.55 0.61 0.50
>19.01 >19.01 9.57 6.60
8.02 6.44 5.15 4.20
* * 1.22 1.05
* * * *
* * >19.01 >19.01
* * * >19.01
* * * *
* * * *
8.09 5.71 4.38 3.47
7.44 5.39 4.22 3.39
4.65 3.80 3.21 2.78
* 2.07 1.79 1.74
>95.06 >95.06 >95.06 21.42
>95.06 >95.06 >95.06 16.97
* * 9.28 7.11
* * * *
* * >95.06 >95.06
* * * *
* * * *
* * * *
2.15e-10
4.67e-10
1.00e-09
2.15e-09
D_F (m^2/s)

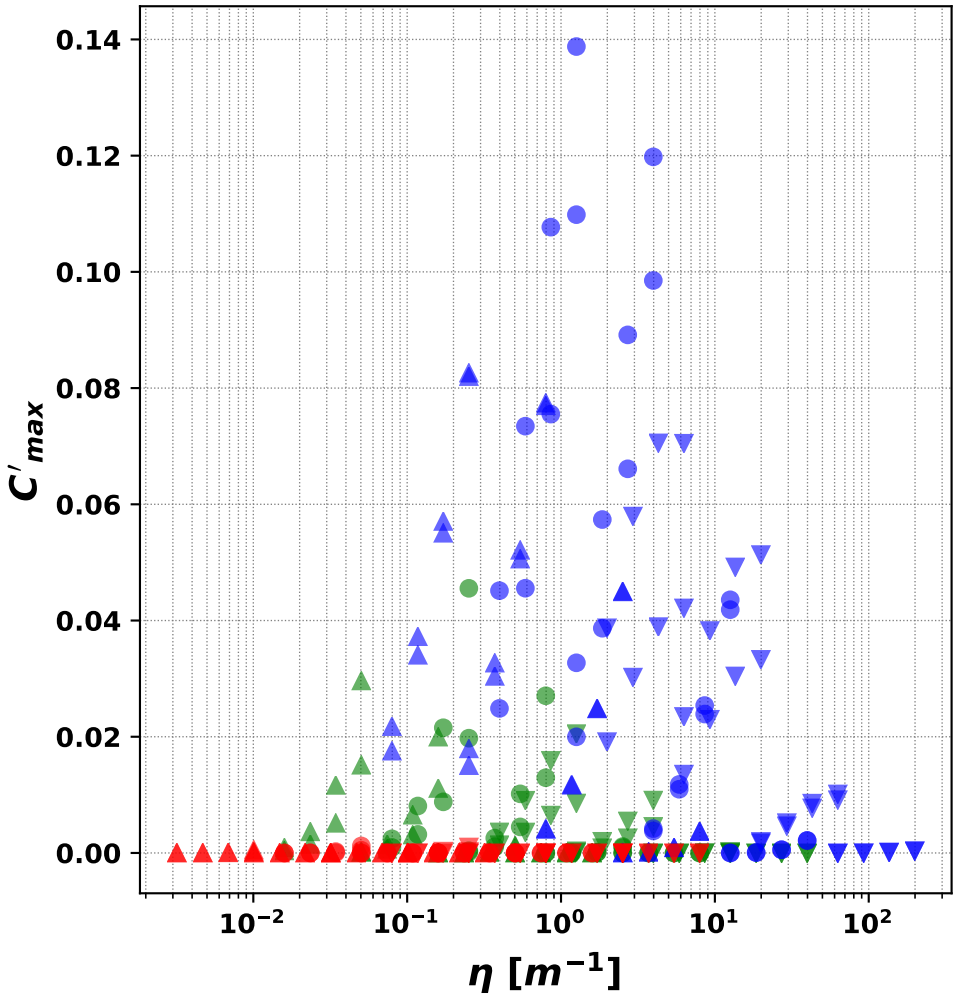
'ScenarioB.csv_OUT_2020.03.03.10.50.47.pdf
nvolving combined parameters Pi_1, Pi_2, and η...


z_a = 1m, K_a = 2x10^{-6} m/s
z_a = 1m, K_a = 1x10^{-5} m/s
z_a = 1m, K_a = 5x10^{-5} m/s
z_a = 0.2m, K_a = 2x10^{-6} m/s
z_a = 0.2m, K_a = 1x10^{-5} m/s
z_a = 0.2m, K_a = 5x10^{-5} m/s
z_a = 5m, K_a = 2x10^{-6} m/s
z_a = 5m, K_a = 1x10^{-5} m/s
z_a = 5m, K_a = 5x10^{-5} m/s
$n_{v,att}$
10^2
10^1
10^0
10^{-1}
10^3
10^4
Π_1 [-]
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
10^{-7}
10^{-6}
Π_2 [-]


$z_a = 1$m, $K_a = 2\text{x}10^{-6}$ m/s
$z_a = 1$m, $K_a = 1\text{x}10^{-5}$ m/s
$z_a = 1$m, $K_a = 5\text{x}10^{-5}$ m/s
$z_a = 0.2$m, $K_a = 2\text{x}10^{-6}$ m/s
$z_a = 0.2$m, $K_a = 1\text{x}10^{-5}$ m/s
$z_a = 0.2$m, $K_a = 5\text{x}10^{-5}$ m/s
$z_a = 5$m, $K_a = 2\text{x}10^{-6}$ m/s
$z_a = 5$m, $K_a = 1\text{x}10^{-5}$ m/s
$z_a = 5$m, $K_a = 5\text{x}10^{-5}$ m/s
C'_{max}
Π_1 [-]
Π_2 [-]


1.0
0.8
0.6
0.4
0.2
0.0
C'_{max}
10^{-1}
10^{0}
10^{1}
10^{2}
$n_{v,\,att}$
$z_a = 1$m, $K_a = 2\text{x}10^{-6}$ m/s
$z_a = 1$m, $K_a = 1\text{x}10^{-5}$ m/s
$z_a = 1$m, $K_a = 5\text{x}10^{-5}$ m/s
$z_a = 0.2$m, $K_a = 2\text{x}10^{-6}$ m/s
$z_a = 0.2$m, $K_a = 1\text{x}10^{-5}$ m/s
$z_a = 0.2$m, $K_a = 5\text{x}10^{-5}$ m/s
$z_a = 5$m, $K_a = 2\text{x}10^{-6}$ m/s
$z_a = 5$m, $K_a = 1\text{x}10^{-5}$ m/s
$z_a = 5$m, $K_a = 5\text{x}10^{-5}$ m/s


10^2
10^1
10^0
$n_{v,att}$
10^{-2}
10^{-1}
10^0
10^1
10^2
η [m^{-1}]


0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
C'_{max}
10^{-2}
10^{-1}
10^0
10^1
10^2
η [m^{-1}]