every year every distance polluted atmospheric pressure

atmospheric pressure

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0
2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0
2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

2004 every distance polluted and nonpolluted atmospheric pressure

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

atmospheric pressure

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0

2005 every distance polluted and nonpolluted atmospheric pressure

2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0

atmospheric pressure

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

0.01
0.1
1

y

2006 every distance polluted and nonpolluted atmospheric pressure

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

atmospheric pressure

0.01
0.1
1

y

2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

every year 0.1 polluted and nonpolluted atmospheric pressure

2004 0.1
2005 0.1
2006 0.1

atmospheric pressure

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

0.01
0.1
1

y

every year 0.5 polluted and nonpolluted atmospheric pressure

2004 0.5
2005 0.5
2006 0.5

atmospheric pressure

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

0.01
0.1
1

y

every year 1.0 polluted and nonpolluted atmospheric pressure

2004 1.0
2005 1.0
2006 1.0

atmospheric pressure

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

0.01
0.1
1

y

every year 1.5 polluted and nonpolluted atmospheric pressure

2004 1.5
2005 1.5
2006 1.5

atmospheric pressure

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

0.01
0.1
1

y

every year 2.0 polluted and nonpolluted atmospheric pressure

2004 2.0
2005 2.0
2006 2.0

atmospheric pressure

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

0.01
0.1
1

y

every year 3.0 polluted and nonpolluted atmospheric pressure

2004 3.0
2005 3.0
2006 3.0

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

atmospheric pressure

0.01
0.1
1

y

every year 5.0 polluted and nonpolluted atmospheric pressure

2004 5.0
2005 5.0
2006 5.0

atmospheric pressure

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

0.01
0.1
1

y

every year 7.0 polluted and nonpolluted atmospheric pressure

2004 7.0
2005 7.0
2006 7.0

atmospheric pressure

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

0.01
0.1
1

y

every year every distance polluted concentration of sulfuric

concentration of sulfuric

2.0e-01
1.5e-01
1.0e-01
5.0e-02
0.0e+00
-5.0e-02
-1.0e-01

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0
2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0
2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

2004 every distance polluted and nonpolluted concentration of sulfuric

concentration of sulfuric

2.0e-01
1.5e-01
1.0e-01
5.0e-02
0.0e+00
-5.0e-02
-1.0e-01

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0

2005 every distance polluted and nonpolluted concentration of sulfuric

2.0e-01
1.5e-01
1.0e-01
5.0e-02
0.0e+00
-5.0e-02
-1.0e-01

concentration of sulfuric

0.01
0.1
1

y

2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0

2006 every distance polluted and nonpolluted concentration of sulfuric

2.0e-01
1.5e-01
1.0e-01
5.0e-02
0.0e+00
-5.0e-02
-1.0e-01

concentration of sulfuric

0.01
0.1
1

y

2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

every year 0.1 polluted and nonpolluted concentration of sulfuric

2004 0.1
2005 0.1
2006 0.1

concentration of sulfuric

2.0e-01
1.5e-01
1.0e-01
5.0e-02
0.0e+00
-5.0e-02
-1.0e-01

0.01
0.1
1

y

every year 0.5 polluted and nonpolluted concentration of sulfuric

2004 0.5
2005 0.5
2006 0.5

concentration of sulfuric

2.0e-01
1.5e-01
1.0e-01
5.0e-02
0.0e+00
-5.0e-02
-1.0e-01

0.01
0.1
1

y

every year 1.0 polluted and nonpolluted concentration of sulfuric

2004 1.0
2005 1.0
2006 1.0

concentration of sulfuric

2.0e-01
1.5e-01
1.0e-01
5.0e-02
0.0e+00
-5.0e-02
-1.0e-01

0.01
0.1
1

y

every year 1.5 polluted and nonpolluted concentration of sulfuric

2.0e-01
1.5e-01
1.0e-01
5.0e-02
0.0e+00
-5.0e-02
-1.0e-01

concentration of sulfuric

0.01
0.1
1

y

2004 1.5
2005 1.5
2006 1.5

every year 2.0 polluted and nonpolluted concentration of sulfuric

2004 2.0
2005 2.0
2006 2.0

concentration of sulfuric

2.0e-01
1.5e-01
1.0e-01
5.0e-02
0.0e+00
-5.0e-02
-1.0e-01

0.01
0.1
1

y

every year 3.0 polluted and nonpolluted concentration of sulfuric

2004 3.0
2005 3.0
2006 3.0

concentration of sulfuric

2.0e-01
1.5e-01
1.0e-01
5.0e-02
0.0e+00
-5.0e-02
-1.0e-01

0.01
0.1
1

y

every year 5.0 polluted and nonpolluted concentration of sulfuric

2004 5.0
2005 5.0
2006 5.0

concentration of sulfuric

2.0e-01
1.5e-01
1.0e-01
5.0e-02
0.0e+00
-5.0e-02
-1.0e-01

0.01
0.1
1

y

every year 7.0 polluted and nonpolluted concentration of sulfuric

2004 7.0
2005 7.0
2006 7.0

concentration of sulfuric

2.0e-01
1.5e-01
1.0e-01
5.0e-02
0.0e+00
-5.0e-02
-1.0e-01

0.01
0.1
1

y

every year every distance polluted M_0

M_0

2.0e+00
0.0e+00
-2.0e+00
-4.0e+00
-6.0e+00
-8.0e+00
-1.0e+01
-1.2e+01
-1.4e+01

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0
2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0
2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

2004 every distance polluted and nonpolluted M_0

2.0e+00
0.0e+00
-2.0e+00
-4.0e+00
-6.0e+00
-8.0e+00
-1.0e+01
-1.2e+01
-1.4e+01

M_0

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0

2005 every distance polluted and nonpolluted M_0

2.0e+00
0.0e+00
-2.0e+00
-4.0e+00
-6.0e+00
-8.0e+00
-1.0e+01
-1.2e+01
-1.4e+01

M_0

0.01
0.1
1

y

2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0

2006 every distance polluted and nonpolluted M_0

2.0e+00
0.0e+00
-2.0e+00
-4.0e+00
-6.0e+00
-8.0e+00
-1.0e+01
-1.2e+01
-1.4e+01

M_0

0.01
0.1
1

y

2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

every year 0.1 polluted and nonpolluted M_0

2004 0.1
2005 0.1
2006 0.1

M_0

2.0e+00
0.0e+00
-2.0e+00
-4.0e+00
-6.0e+00
-8.0e+00
-1.0e+01
-1.2e+01
-1.4e+01

0.01
0.1
1

y

every year 0.5 polluted and nonpolluted M_0

2004 0.5
2005 0.5
2006 0.5

M_0

2.0e+00
0.0e+00
-2.0e+00
-4.0e+00
-6.0e+00
-8.0e+00
-1.0e+01
-1.2e+01
-1.4e+01

0.01
0.1
1

y

every year 1.0 polluted and nonpolluted M_0

2004 1.0
2005 1.0
2006 1.0

M_0

2.0e+00
0.0e+00
-2.0e+00
-4.0e+00
-6.0e+00
-8.0e+00
-1.0e+01
-1.2e+01
-1.4e+01

0.01
0.1
1

y

every year 1.5 polluted and nonpolluted M_0

2004 1.5
2005 1.5
2006 1.5

M_0

2.0e+00
0.0e+00
-2.0e+00
-4.0e+00
-6.0e+00
-8.0e+00
-1.0e+01
-1.2e+01
-1.4e+01

0.01
0.1
1

y

every year 2.0 polluted and nonpolluted M_0

2004 2.0
2005 2.0
2006 2.0

M_0

2.0e+00
0.0e+00
-2.0e+00
-4.0e+00
-6.0e+00
-8.0e+00
-1.0e+01
-1.2e+01
-1.4e+01

0.01
0.1
1

y

every year 3.0 polluted and nonpolluted M_0

2004 3.0
2005 3.0
2006 3.0

M_0

2.0e+00
0.0e+00
-2.0e+00
-4.0e+00
-6.0e+00
-8.0e+00
-1.0e+01
-1.2e+01
-1.4e+01

0.01
0.1
1

y

every year 5.0 polluted and nonpolluted M_0

2004 5.0
2005 5.0
2006 5.0

M_0

2.0e+00
0.0e+00
-2.0e+00
-4.0e+00
-6.0e+00
-8.0e+00
-1.0e+01
-1.2e+01
-1.4e+01

0.01
0.1
1

y

every year 7.0 polluted and nonpolluted M_0

2004 7.0
2005 7.0
2006 7.0

2.0e+00
0.0e+00
-2.0e+00
-4.0e+00
-6.0e+00
-8.0e+00
-1.0e+01
-1.2e+01
-1.4e+01

M_0

0.01
0.1
1

y

every year every distance polluted M_1

M_1

2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0
2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0
2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

2004 every distance polluted and nonpolluted M_1

M_1

2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0

2005 every distance polluted and nonpolluted M_1

2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0

M_1

2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2006 every distance polluted and nonpolluted M_1

M_1

2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

every year 0.1 polluted and nonpolluted M_1

2004 0.1
2005 0.1
2006 0.1

M_1

2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

every year 0.5 polluted and nonpolluted M_1

2004 0.5
2005 0.5
2006 0.5

M_1

2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

every year 1.0 polluted and nonpolluted M_1

2004 1.0
2005 1.0
2006 1.0

M_1

2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

every year 1.5 polluted and nonpolluted M_1

2004 1.5
2005 1.5
2006 1.5

M_1

2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

every year 2.0 polluted and nonpolluted M_1

2004 2.0
2005 2.0
2006 2.0

M_1

2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

every year 3.0 polluted and nonpolluted M_1

2004 3.0
2005 3.0
2006 3.0

M_1

2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

every year 5.0 polluted and nonpolluted M_1

2004 5.0
2005 5.0
2006 5.0

M_1

2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

every year 7.0 polluted and nonpolluted M_1

2004 7.0
2005 7.0
2006 7.0

M_1

2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

every year every distance polluted M_2

M_2

3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0
2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0
2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

2004 every distance polluted and nonpolluted M_2

M_2

3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0

2005 every distance polluted and nonpolluted M_2

M_2

3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0

2006 every distance polluted and nonpolluted M_2

M_2

3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

every year 0.1 polluted and nonpolluted M_2

M_2

3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2004 0.1
2005 0.1
2006 0.1

every year 0.5 polluted and nonpolluted M_2

M_2

3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2004 0.5
2005 0.5
2006 0.5

every year 1.0 polluted and nonpolluted M_2

M_2

3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2004 1.0
2005 1.0
2006 1.0

every year 1.5 polluted and nonpolluted M_2

M_2

3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2004 1.5
2005 1.5
2006 1.5

every year 2.0 polluted and nonpolluted M_2

M_2

3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2004 2.0
2005 2.0
2006 2.0

every year 3.0 polluted and nonpolluted M_2

M_2

3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2004 3.0
2005 3.0
2006 3.0

every year 5.0 polluted and nonpolluted M_2

M_2

3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2004 5.0
2005 5.0
2006 5.0

every year 7.0 polluted and nonpolluted M_2

M_2

3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2004 7.0
2005 7.0
2006 7.0

every year every distance polluted relative humidity

relative humidity

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0
2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0
2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

2004 every distance polluted and nonpolluted relative humidity

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

relative humidity

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0

2005 every distance polluted and nonpolluted relative humidity

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

relative humidity

0.01
0.1
1

y

2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0

2006 every distance polluted and nonpolluted relative humidity

2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

relative humidity

0.01
0.1
1

y

every year 0.1 polluted and nonpolluted relative humidity

2004 0.1
2005 0.1
2006 0.1

relative humidity

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

0.01
0.1
1

y

every year 0.5 polluted and nonpolluted relative humidity

2004 0.5
2005 0.5
2006 0.5

relative humidity

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

0.01
0.1
1

y

every year 1.0 polluted and nonpolluted relative humidity

2004 1.0
2005 1.0
2006 1.0

relative humidity

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

0.01
0.1
1

y

every year 1.5 polluted and nonpolluted relative humidity

2004 1.5
2005 1.5
2006 1.5

relative humidity

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

0.01
0.1
1

y

every year 2.0 polluted and nonpolluted relative humidity

2004 2.0
2005 2.0
2006 2.0

relative humidity

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

0.01
0.1
1

y

every year 3.0 polluted and nonpolluted relative humidity

2004 3.0
2005 3.0
2006 3.0

relative humidity

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

0.01
0.1
1

y

every year 5.0 polluted and nonpolluted relative humidity

2004 5.0
2005 5.0
2006 5.0

relative humidity

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

0.01
0.1
1

y

every year 7.0 polluted and nonpolluted relative humidity

2004 7.0
2005 7.0
2006 7.0

relative humidity

2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04

0.01
0.1
1

y

every year every distance polluted nucleation rate [1/cm^{3}s]

nucleation rate [1/cm^{3}s]

1.4e+00
1.2e+00
1.0e+00
8.0e-01
6.0e-01
4.0e-01
2.0e-01
0.0e+00
-2.0e-01

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0
2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0
2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

2004 every distance polluted and nonpolluted nucleation rate [1/cm^{3}s]

nucleation rate [1/cm^{3}s]

1.4e+00
1.2e+00
1.0e+00
8.0e-01
6.0e-01
4.0e-01
2.0e-01
0.0e+00
-2.0e-01

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0

2005 every distance polluted and nonpolluted nucleation rate [1/cm^{3}s]

nucleation rate [1/cm^{3}s]

1.4e+00
1.2e+00
1.0e+00
8.0e-01
6.0e-01
4.0e-01
2.0e-01
0.0e+00
-2.0e-01

0.01
0.1
1

y

2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0

2006 every distance polluted and nonpolluted nucleation rate [1/cm^{3}s]

nucleation rate [1/cm^{3}s]

1.4e+00
1.2e+00
1.0e+00
8.0e-01
6.0e-01
4.0e-01
2.0e-01
0.0e+00
-2.0e-01

0.01
0.1
1

y

2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

every year 0.1 polluted and nonpolluted nucleation rate [1/cm^{3}s]

2004 0.1
2005 0.1
2006 0.1

nucleation rate [1/cm^{3}s]

1.4e+00
1.2e+00
1.0e+00
8.0e-01
6.0e-01
4.0e-01
2.0e-01
0.0e+00
-2.0e-01

0.01
0.1
1

y

every year 0.5 polluted and nonpolluted nucleation rate [1/cm^{3}s]

2004 0.5
2005 0.5
2006 0.5

nucleation rate [1/cm^{3}s]

1.4e+00
1.2e+00
1.0e+00
8.0e-01
6.0e-01
4.0e-01
2.0e-01
0.0e+00
-2.0e-01

0.01
0.1
1

y

every year 1.0 polluted and nonpolluted nucleation rate [1/cm^{3}s]

2004 1.0
2005 1.0
2006 1.0

nucleation rate [1/cm^{3}s]

1.4e+00
1.2e+00
1.0e+00
8.0e-01
6.0e-01
4.0e-01
2.0e-01
0.0e+00
-2.0e-01

0.01
0.1
1

y

every year 1.5 polluted and nonpolluted nucleation rate [1/cm^{3}s]

2004 1.5
2005 1.5
2006 1.5

nucleation rate [1/cm^{3}s]

1.4e+00
1.2e+00
1.0e+00
8.0e-01
6.0e-01
4.0e-01
2.0e-01
0.0e+00
-2.0e-01

0.01
0.1
1

y

every year 2.0 polluted and nonpolluted nucleation rate [1/cm^{3}s]

2004 2.0
2005 2.0
2006 2.0

nucleation rate [1/cm^{3}s]

1.4e+00
1.2e+00
1.0e+00
8.0e-01
6.0e-01
4.0e-01
2.0e-01
0.0e+00
-2.0e-01

0.01
0.1
1

y

every year 3.0 polluted and nonpolluted nucleation rate [1/cm^{3}s]

2004 3.0
2005 3.0
2006 3.0

nucleation rate [1/cm^{3}s]

1.4e+00
1.2e+00
1.0e+00
8.0e-01
6.0e-01
4.0e-01
2.0e-01
0.0e+00
-2.0e-01

0.01
0.1
1

y

every year 5.0 polluted and nonpolluted nucleation rate [1/cm^{3}s]

2004 5.0
2005 5.0
2006 5.0

nucleation rate [1/cm^{3}s]

1.4e+00
1.2e+00
1.0e+00
8.0e-01
6.0e-01
4.0e-01
2.0e-01
0.0e+00
-2.0e-01

0.01
0.1
1

y

every year 7.0 polluted and nonpolluted nucleation rate [1/cm^{3}s]

2004 7.0
2005 7.0
2006 7.0

nucleation rate [1/cm^{3}s]

1.4e+00
1.2e+00
1.0e+00
8.0e-01
6.0e-01
4.0e-01
2.0e-01
0.0e+00
-2.0e-01

0.01
0.1
1

y

every year every distance polluted number of sulfuric acid molecules in the critical cluster

number of sulfuric acid molecules in the critical cluster

1.0e-02
8.0e-03
6.0e-03
4.0e-03
2.0e-03
0.0e+00
-2.0e-03
-4.0e-03

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0
2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0
2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

2004 every distance polluted and nonpolluted number of sulfuric acid molecules in the critical cluster

number of sulfuric acid molecules in the critical cluster

6.0e-03
5.0e-03
4.0e-03
3.0e-03
2.0e-03
1.0e-03
0.0e+00

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0

2005 every distance polluted and nonpolluted number of sulfuric acid molecules in the critical cluster

number of sulfuric acid molecules in the critical cluster

9.0e-03
8.0e-03
7.0e-03
6.0e-03
5.0e-03
4.0e-03
3.0e-03
2.0e-03
1.0e-03
0.0e+00
-1.0e-03

0.01
0.1
1

y

2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0

2006 every distance polluted and nonpolluted number of sulfuric acid molecules in the critical cluster

number of sulfuric acid molecules in the critical cluster

1.0e-03
5.0e-04
0.0e+00
-5.0e-04
-1.0e-03
-1.5e-03
-2.0e-03
-2.5e-03
-3.0e-03

0.01
0.1
1

y

2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

every year 0.1 polluted and nonpolluted number of sulfuric acid molecules in the critical cluster

number of sulfuric acid molecules in the critical cluster

1.0e-02
8.0e-03
6.0e-03
4.0e-03
2.0e-03
0.0e+00
-2.0e-03
-4.0e-03

0.01
0.1
1

y

2004 0.1
2005 0.1
2006 0.1

every year 0.5 polluted and nonpolluted number of sulfuric acid molecules in the critical cluster

number of sulfuric acid molecules in the critical cluster

5.0e-03
4.0e-03
3.0e-03
2.0e-03
1.0e-03
0.0e+00
-1.0e-03

0.01
0.1
1

y

2004 0.5
2005 0.5
2006 0.5

every year 1.0 polluted and nonpolluted number of sulfuric acid molecules in the critical cluster

number of sulfuric acid molecules in the critical cluster

6.0e-03
5.0e-03
4.0e-03
3.0e-03
2.0e-03
1.0e-03
0.0e+00
-1.0e-03

0.01
0.1
1

y

2004 1.0
2005 1.0
2006 1.0

every year 1.5 polluted and nonpolluted number of sulfuric acid molecules in the critical cluster

number of sulfuric acid molecules in the critical cluster

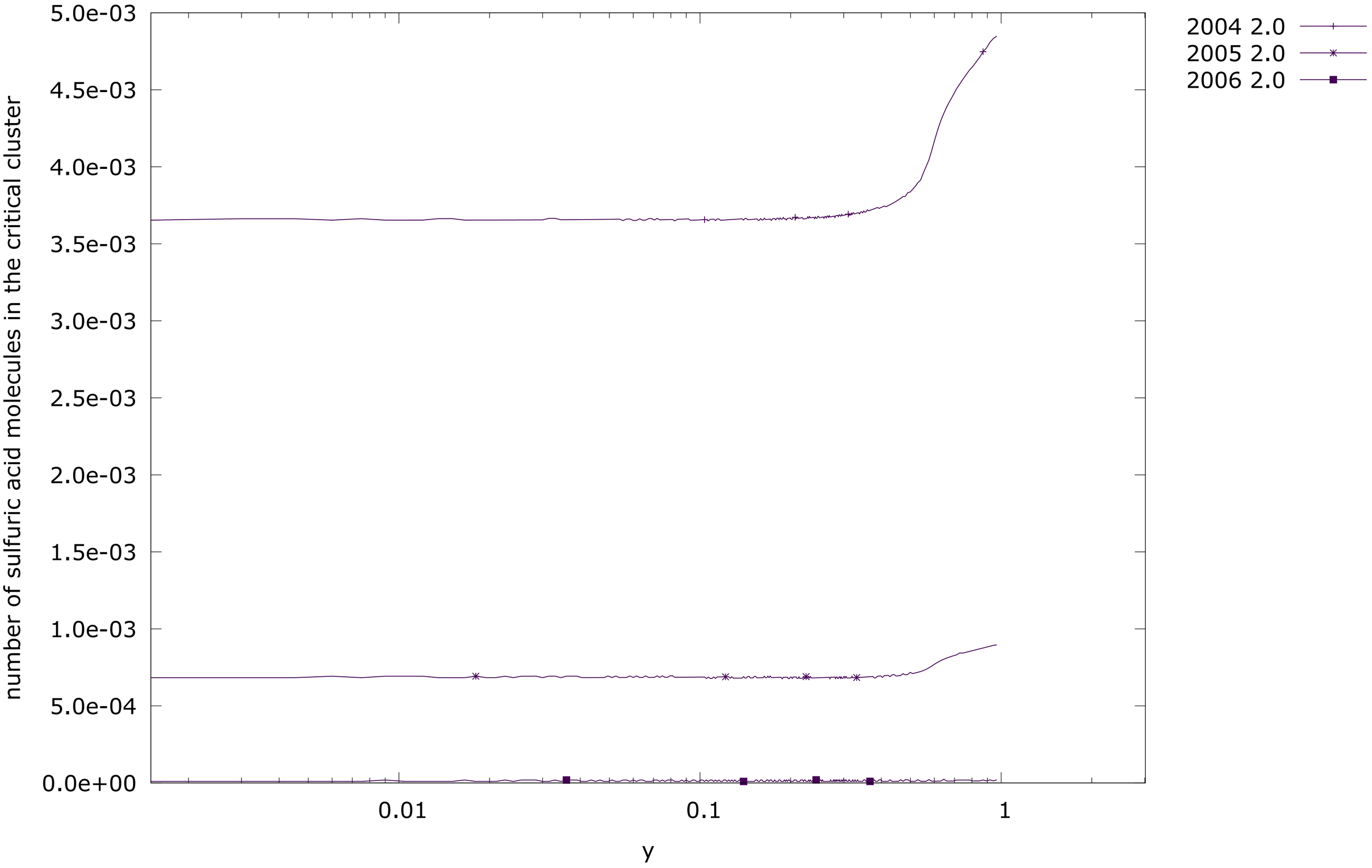
5.0e-03
4.5e-03
4.0e-03
3.5e-03
3.0e-03
2.5e-03
2.0e-03
1.5e-03
1.0e-03
5.0e-04
0.0e+00

0.01
0.1
1

y

2004 1.5
2005 1.5
2006 1.5

every year 2.0 polluted and nonpolluted number of sulfuric acid molecules in the critical cluster



every year 3.0 polluted and nonpolluted number of sulfuric acid molecules in the critical cluster

number of sulfuric acid molecules in the critical cluster

5.0e-03
4.5e-03
4.0e-03
3.5e-03
3.0e-03
2.5e-03
2.0e-03
1.5e-03
1.0e-03
5.0e-04
0.0e+00

0.01
0.1
1

y

2004 3.0
2005 3.0
2006 3.0

every year 5.0 polluted and nonpolluted number of sulfuric acid molecules in the critical cluster

number of sulfuric acid molecules in the critical cluster

5.0e-03
4.5e-03
4.0e-03
3.5e-03
3.0e-03
2.5e-03
2.0e-03
1.5e-03
1.0e-03
5.0e-04
0.0e+00
-5.0e-04

0.01
0.1
1

y

2004 5.0
2005 5.0
2006 5.0

every year 7.0 polluted and nonpolluted number of sulfuric acid molecules in the critical cluster

number of sulfuric acid molecules in the critical cluster

5.0e-03
4.5e-03
4.0e-03
3.5e-03
3.0e-03
2.5e-03
2.0e-03
1.5e-03
1.0e-03
5.0e-04
0.0e+00
-5.0e-04

0.01
0.1
1

y

2004 7.0
2005 7.0
2006 7.0

every year every distance polluted radius of the critical cluster core [m]

radius of the critical cluster core [m]

1.4e-03
1.2e-03
1.0e-03
8.0e-04
6.0e-04
4.0e-04
2.0e-04
0.0e+00
-2.0e-04
-4.0e-04

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0
2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0
2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

2004 every distance polluted and nonpolluted radius of the critical cluster core [m]

radius of the critical cluster core [m]

8.0e-04
7.0e-04
6.0e-04
5.0e-04
4.0e-04
3.0e-04
2.0e-04
1.0e-04
0.0e+00

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0

2005 every distance polluted and nonpolluted radius of the critical cluster core [m]

radius of the critical cluster core [m]

1.4e-03
1.2e-03
1.0e-03
8.0e-04
6.0e-04
4.0e-04
2.0e-04
0.0e+00
-2.0e-04

0.01
0.1
1

y

2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0

2006 every distance polluted and nonpolluted radius of the critical cluster core [m]

radius of the critical cluster core [m]

1.0e-04
5.0e-05
0.0e+00
-5.0e-05
-1.0e-04
-1.5e-04
-2.0e-04
-2.5e-04
-3.0e-04
-3.5e-04
-4.0e-04

0.01
0.1
1

y

2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

every year 0.1 polluted and nonpolluted radius of the critical cluster core [m]

radius of the critical cluster core [m]

1.4e-03
1.2e-03
1.0e-03
8.0e-04
6.0e-04
4.0e-04
2.0e-04
0.0e+00
-2.0e-04
-4.0e-04

0.01
0.1
1

y

2004 0.1
2005 0.1
2006 0.1

every year 0.5 polluted and nonpolluted radius of the critical cluster core [m]

radius of the critical cluster core [m]

6.0e-04
5.0e-04
4.0e-04
3.0e-04
2.0e-04
1.0e-04
0.0e+00
-1.0e-04

0.01
0.1
1

y

2004 0.5
2005 0.5
2006 0.5

every year 1.0 polluted and nonpolluted radius of the critical cluster core [m]

radius of the critical cluster core [m]

8.0e-04
7.0e-04
6.0e-04
5.0e-04
4.0e-04
3.0e-04
2.0e-04
1.0e-04
0.0e+00
-1.0e-04

0.01
0.1
1

y

2004 1.0
2005 1.0
2006 1.0

every year 1.5 polluted and nonpolluted radius of the critical cluster core [m]

6.0e-04
5.0e-04
4.0e-04
3.0e-04
2.0e-04
1.0e-04
0.0e+00

radius of the critical cluster core [m]

0.01
0.1
1

y

2004 1.5
2005 1.5
2006 1.5

every year 2.0 polluted and nonpolluted radius of the critical cluster core [m]

6.0e-04
5.0e-04
4.0e-04
3.0e-04
2.0e-04
1.0e-04
0.0e+00

radius of the critical cluster core [m]

0.01
0.1
1

y

2004 2.0
2005 2.0
2006 2.0

every year 3.0 polluted and nonpolluted radius of the critical cluster core [m]

radius of the critical cluster core [m]

6.0e-04
5.0e-04
4.0e-04
3.0e-04
2.0e-04
1.0e-04
0.0e+00

0.01
0.1
1

y

2004 3.0
2005 3.0
2006 3.0

every year 5.0 polluted and nonpolluted radius of the critical cluster core [m]

radius of the critical cluster core [m]

5.0e-04
4.5e-04
4.0e-04
3.5e-04
3.0e-04
2.5e-04
2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00
-5.0e-05

0.01
0.1
1

y

2004 5.0
2005 5.0
2006 5.0

every year 7.0 polluted and nonpolluted radius of the critical cluster core [m]

radius of the critical cluster core [m]

5.0e-04
4.5e-04
4.0e-04
3.5e-04
3.0e-04
2.5e-04
2.0e-04
1.5e-04
1.0e-04
5.0e-05
0.0e+00

0.01
0.1
1

y

2004 7.0
2005 7.0
2006 7.0

every year every distance polluted number of molecules in the critical cluster

1.0e+00
5.0e-01
0.0e+00
-5.0e-01
-1.0e+00

number of molecules in the critical cluster

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0
2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0
2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

2004 every distance polluted and nonpolluted number of molecules in the critical cluster

1.0e+00
5.0e-01
0.0e+00
-5.0e-01
-1.0e+00

number of molecules in the critical cluster

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0

2005 every distance polluted and nonpolluted number of molecules in the critical cluster

1.0e+00
5.0e-01
0.0e+00
-5.0e-01
-1.0e+00

number of molecules in the critical cluster

0.01
0.1
1

y

2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0

2006 every distance polluted and nonpolluted number of molecules in the critical cluster

1.0e+00
5.0e-01
0.0e+00
-5.0e-01
-1.0e+00

number of molecules in the critical cluster

0.01
0.1
1

y

2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

every year 0.1 polluted and nonpolluted number of molecules in the critical cluster

2004 0.1
2005 0.1
2006 0.1

1.0e+00
5.0e-01
0.0e+00
-5.0e-01
-1.0e+00

number of molecules in the critical cluster

0.01
0.1
1

y

every year 0.5 polluted and nonpolluted number of molecules in the critical cluster

1.0e+00
5.0e-01
0.0e+00
-5.0e-01
-1.0e+00

number of molecules in the critical cluster

0.01
0.1
1

y

2004 0.5
2005 0.5
2006 0.5

every year 1.0 polluted and nonpolluted number of molecules in the critical cluster

1.0e+00
5.0e-01
0.0e+00
-5.0e-01
-1.0e+00

number of molecules in the critical cluster

0.01
0.1
1

y

2004 1.0
2005 1.0
2006 1.0

every year 1.5 polluted and nonpolluted number of molecules in the critical cluster

1.0e+00
5.0e-01
0.0e+00
-5.0e-01
-1.0e+00

number of molecules in the critical cluster

0.01
0.1
1

y

2004 1.5
2005 1.5
2006 1.5

every year 2.0 polluted and nonpolluted number of molecules in the critical cluster

2004 2.0
2005 2.0
2006 2.0

1.0e+00
5.0e-01
0.0e+00
-5.0e-01
-1.0e+00

number of molecules in the critical cluster

0.01
0.1
1

y

every year 3.0 polluted and nonpolluted number of molecules in the critical cluster

1.0e+00
5.0e-01
0.0e+00
-5.0e-01
-1.0e+00

number of molecules in the critical cluster

0.01
0.1
1

y

2004 3.0
2005 3.0
2006 3.0

every year 5.0 polluted and nonpolluted number of molecules in the critical cluster

1.0e+00
5.0e-01
0.0e+00
-5.0e-01
-1.0e+00

number of molecules in the critical cluster

0.01
0.1
1

y

2004 5.0
2005 5.0
2006 5.0

every year 7.0 polluted and nonpolluted number of molecules in the critical cluster

1.0e+00
5.0e-01
0.0e+00
-5.0e-01
-1.0e+00

number of molecules in the critical cluster

0.01
0.1
1

y

2004 7.0
2005 7.0
2006 7.0

every year every distance polluted standard deviation

0.0e+00
-5.0e-01
-1.0e+00
-1.5e+00
-2.0e+00
-2.5e+00
-3.0e+00

standard deviation

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0
2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0
2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

2004 every distance polluted and nonpolluted standard deviation

0.0e+00
-5.0e-01
-1.0e+00
-1.5e+00
-2.0e+00
-2.5e+00
-3.0e+00

standard deviation

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0

2005 every distance polluted and nonpolluted standard deviation

0.0e+00
-5.0e-01
-1.0e+00
-1.5e+00
-2.0e+00
-2.5e+00
-3.0e+00

standard deviation

0.01
0.1
1

y

2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0

2006 every distance polluted and nonpolluted standard deviation

0.0e+00
-5.0e-01
-1.0e+00
-1.5e+00
-2.0e+00
-2.5e+00
-3.0e+00

standard deviation

0.01
0.1
1

y

2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

every year 0.1 polluted and nonpolluted standard deviation

0.0e+00
-5.0e-01
-1.0e+00
-1.5e+00
-2.0e+00
-2.5e+00
-3.0e+00

standard deviation

0.01
0.1
1

y

2004 0.1
2005 0.1
2006 0.1

every year 0.5 polluted and nonpolluted standard deviation

0.0e+00
-5.0e-01
-1.0e+00
-1.5e+00
-2.0e+00
-2.5e+00
-3.0e+00

standard deviation

0.01
0.1
1

y

2004 0.5
2005 0.5
2006 0.5

every year 1.0 polluted and nonpolluted standard deviation

0.0e+00
-5.0e-01
-1.0e+00
-1.5e+00
-2.0e+00
-2.5e+00
-3.0e+00

standard deviation

0.01
0.1
1

y

2004 1.0
2005 1.0
2006 1.0

every year 1.5 polluted and nonpolluted standard deviation

0.0e+00
-5.0e-01
-1.0e+00
-1.5e+00
-2.0e+00
-2.5e+00
-3.0e+00

standard deviation

0.01
0.1
1

y

2004 1.5
2005 1.5
2006 1.5

every year 2.0 polluted and nonpolluted standard deviation

standard deviation

0.0e+00
-5.0e-01
-1.0e+00
-1.5e+00
-2.0e+00
-2.5e+00
-3.0e+00

0.01
0.1
1

y

2004 2.0
2005 2.0
2006 2.0

every year 3.0 polluted and nonpolluted standard deviation

0.0e+00
-5.0e-01
-1.0e+00
-1.5e+00
-2.0e+00
-2.5e+00
-3.0e+00

standard deviation

0.01
0.1
1

y

2004 3.0
2005 3.0
2006 3.0

every year 5.0 polluted and nonpolluted standard deviation

0.0e+00
-5.0e-01
-1.0e+00
-1.5e+00
-2.0e+00
-2.5e+00
-3.0e+00

standard deviation

0.01
0.1
1

y

2004 5.0
2005 5.0
2006 5.0

every year 7.0 polluted and nonpolluted standard deviation

0.0e+00
-5.0e-01
-1.0e+00
-1.5e+00
-2.0e+00
-2.5e+00
-3.0e+00

standard deviation

0.01
0.1
1

y

2004 7.0
2005 7.0
2006 7.0

every year every distance polluted volume average particle diameter

volume average particle diameter

5.0e+01
4.5e+01
4.0e+01
3.5e+01
3.0e+01
2.5e+01
2.0e+01
1.5e+01
1.0e+01
5.0e+00
0.0e+00

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0
2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0
2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

2004 every distance polluted and nonpolluted volume average particle diameter

volume average particle diameter

5.0e+01
4.5e+01
4.0e+01
3.5e+01
3.0e+01
2.5e+01
2.0e+01
1.5e+01
1.0e+01
5.0e+00
0.0e+00

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0

2005 every distance polluted and nonpolluted volume average particle diameter

volume average particle diameter

5.0e+01
4.5e+01
4.0e+01
3.5e+01
3.0e+01
2.5e+01
2.0e+01
1.5e+01
1.0e+01
5.0e+00
0.0e+00

0.01
0.1
1

y

2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0

2006 every distance polluted and nonpolluted volume average particle diameter

volume average particle diameter

4.5e+01
4.0e+01
3.5e+01
3.0e+01
2.5e+01
2.0e+01
1.5e+01
1.0e+01
5.0e+00
0.0e+00

0.01
0.1
1

y

2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

every year 0.1 polluted and nonpolluted volume average particle diameter

volume average particle diameter

5.0e+01
4.5e+01
4.0e+01
3.5e+01
3.0e+01
2.5e+01
2.0e+01
1.5e+01
1.0e+01
5.0e+00
0.0e+00

0.01
0.1
1

y

2004 0.1
2005 0.1
2006 0.1

every year 0.5 polluted and nonpolluted volume average particle diameter

volume average particle diameter

5.0e+01
4.5e+01
4.0e+01
3.5e+01
3.0e+01
2.5e+01
2.0e+01
1.5e+01
1.0e+01
5.0e+00
0.0e+00

0.01
0.1
1

y

2004 0.5
2005 0.5
2006 0.5

every year 1.0 polluted and nonpolluted volume average particle diameter

volume average particle diameter

5.0e+01
4.5e+01
4.0e+01
3.5e+01
3.0e+01
2.5e+01
2.0e+01
1.5e+01
1.0e+01
5.0e+00
0.0e+00

0.01
0.1
1

y

2004 1.0
2005 1.0
2006 1.0

every year 1.5 polluted and nonpolluted volume average particle diameter

volume average particle diameter

5.0e+01
4.5e+01
4.0e+01
3.5e+01
3.0e+01
2.5e+01
2.0e+01
1.5e+01
1.0e+01
5.0e+00
0.0e+00

0.01
0.1
1

y

2004 1.5
2005 1.5
2006 1.5

every year 2.0 polluted and nonpolluted volume average particle diameter

volume average particle diameter

5.0e+01
4.5e+01
4.0e+01
3.5e+01
3.0e+01
2.5e+01
2.0e+01
1.5e+01
1.0e+01
5.0e+00
0.0e+00

0.01
0.1
1

y

2004 2.0
2005 2.0
2006 2.0

every year 3.0 polluted and nonpolluted volume average particle diameter

volume average particle diameter

5.0e+01
4.5e+01
4.0e+01
3.5e+01
3.0e+01
2.5e+01
2.0e+01
1.5e+01
1.0e+01
5.0e+00
0.0e+00

0.01
0.1
1

y

2004 3.0
2005 3.0
2006 3.0

every year 5.0 polluted and nonpolluted volume average particle diameter

volume average particle diameter

5.0e+01
4.5e+01
4.0e+01
3.5e+01
3.0e+01
2.5e+01
2.0e+01
1.5e+01
1.0e+01
5.0e+00
0.0e+00

0.01
0.1
1

y

2004 5.0
2005 5.0
2006 5.0

every year 7.0 polluted and nonpolluted volume average particle diameter

volume average particle diameter

5.0e+01
4.5e+01
4.0e+01
3.5e+01
3.0e+01
2.5e+01
2.0e+01
1.5e+01
1.0e+01
5.0e+00
0.0e+00

0.01
0.1
1

y

2004 7.0
2005 7.0
2006 7.0

every year every distance polluted aerosol surface area

aerosol surface area

3.5e+02
3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0
2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0
2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

2004 every distance polluted and nonpolluted aerosol surface area

3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00
aerosol surface area

0.01
0.1
1
y

2004 0.1
2004 0.5
2004 1.0
2004 1.5
2004 2.0
2004 3.0
2004 5.0
2004 7.0

2005 every distance polluted and nonpolluted aerosol surface area

aerosol surface area

3.5e+02
3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2005 0.1
2005 0.5
2005 1.0
2005 1.5
2005 2.0
2005 3.0
2005 5.0
2005 7.0

2006 every distance polluted and nonpolluted aerosol surface area

3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

aerosol surface area

0.01
0.1
1

y

2006 0.1
2006 0.5
2006 1.0
2006 1.5
2006 2.0
2006 3.0
2006 5.0
2006 7.0

every year 0.1 polluted and nonpolluted aerosol surface area

aerosol surface area

3.5e+02
3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2004 0.1
2005 0.1
2006 0.1

every year 0.5 polluted and nonpolluted aerosol surface area

2004 0.5
2005 0.5
2006 0.5

aerosol surface area

3.5e+02
3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

every year 1.0 polluted and nonpolluted aerosol surface area

aerosol surface area

3.5e+02
3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2004 1.0
2005 1.0
2006 1.0

every year 1.5 polluted and nonpolluted aerosol surface area

aerosol surface area

3.5e+02
3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2004 1.5
2005 1.5
2006 1.5

every year 2.0 polluted and nonpolluted aerosol surface area

2004 2.0
2005 2.0
2006 2.0

aerosol surface area

3.5e+02
3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

every year 3.0 polluted and nonpolluted aerosol surface area

aerosol surface area

3.5e+02
3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2004 3.0
2005 3.0
2006 3.0

every year 5.0 polluted and nonpolluted aerosol surface area

aerosol surface area

3.5e+02
3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y

2004 5.0
2005 5.0
2006 5.0

every year 7.0 polluted and nonpolluted aerosol surface area

2004 7.0
2005 7.0
2006 7.0

aerosol surface area

3.5e+02
3.0e+02
2.5e+02
2.0e+02
1.5e+02
1.0e+02
5.0e+01
0.0e+00

0.01
0.1
1

y