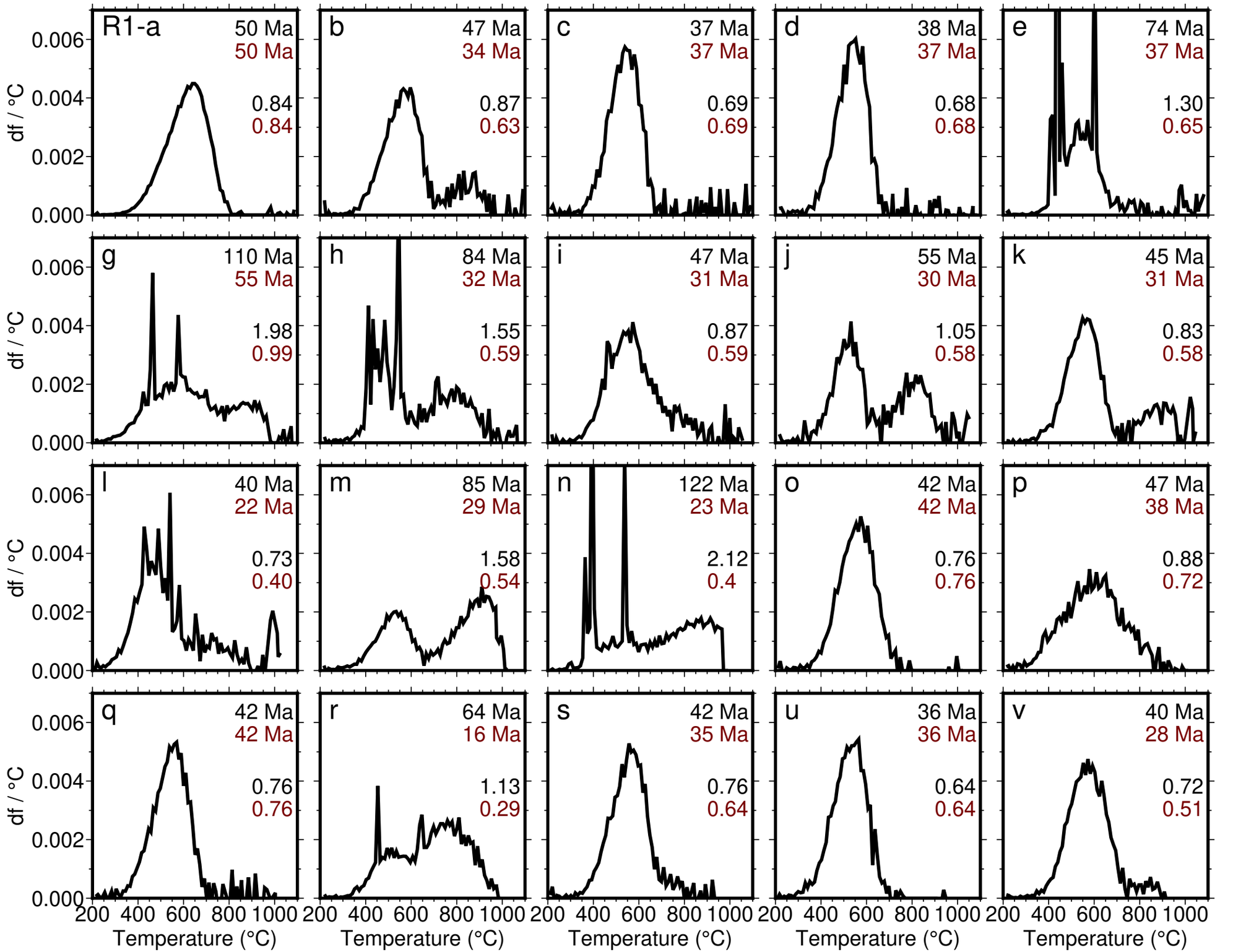
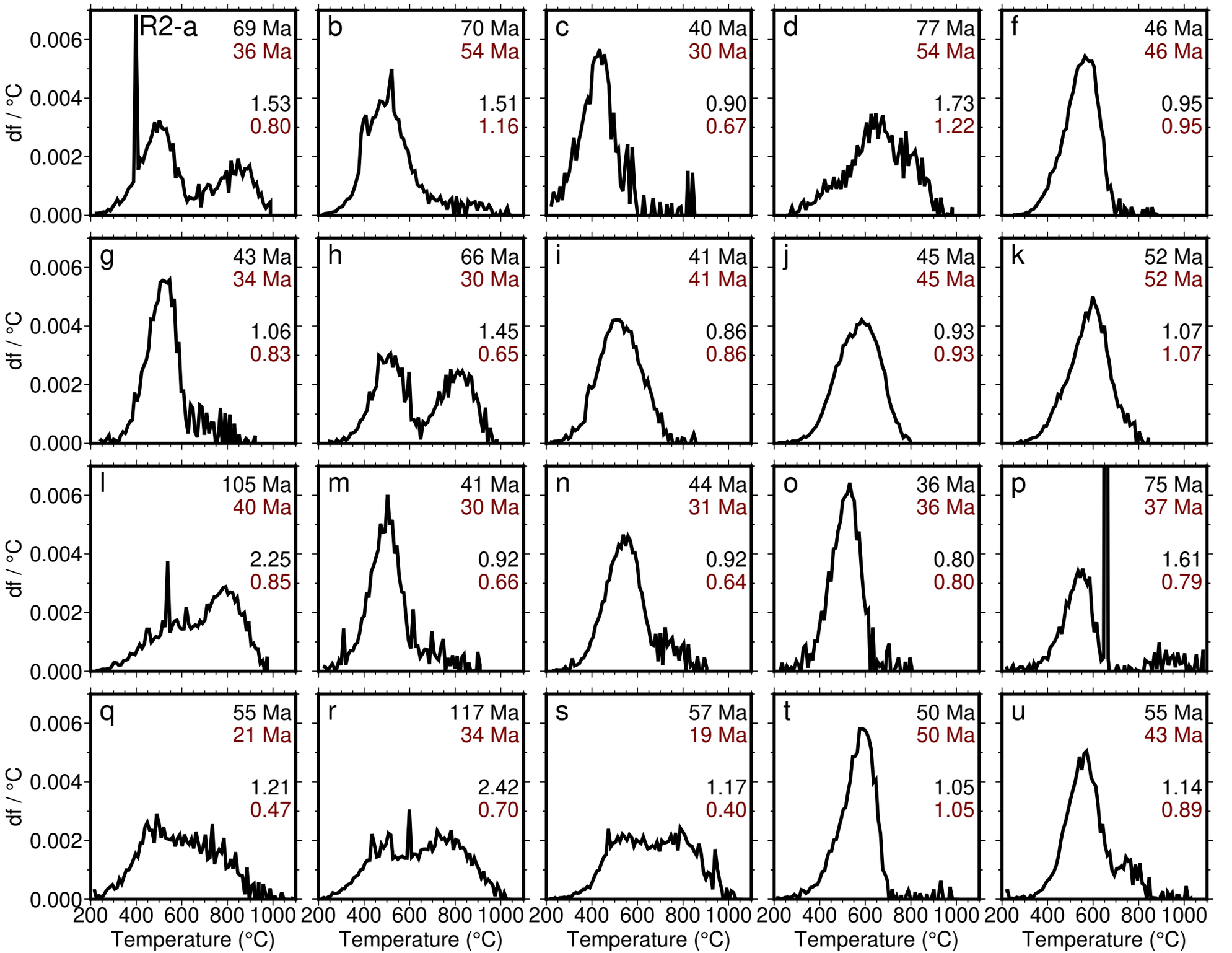
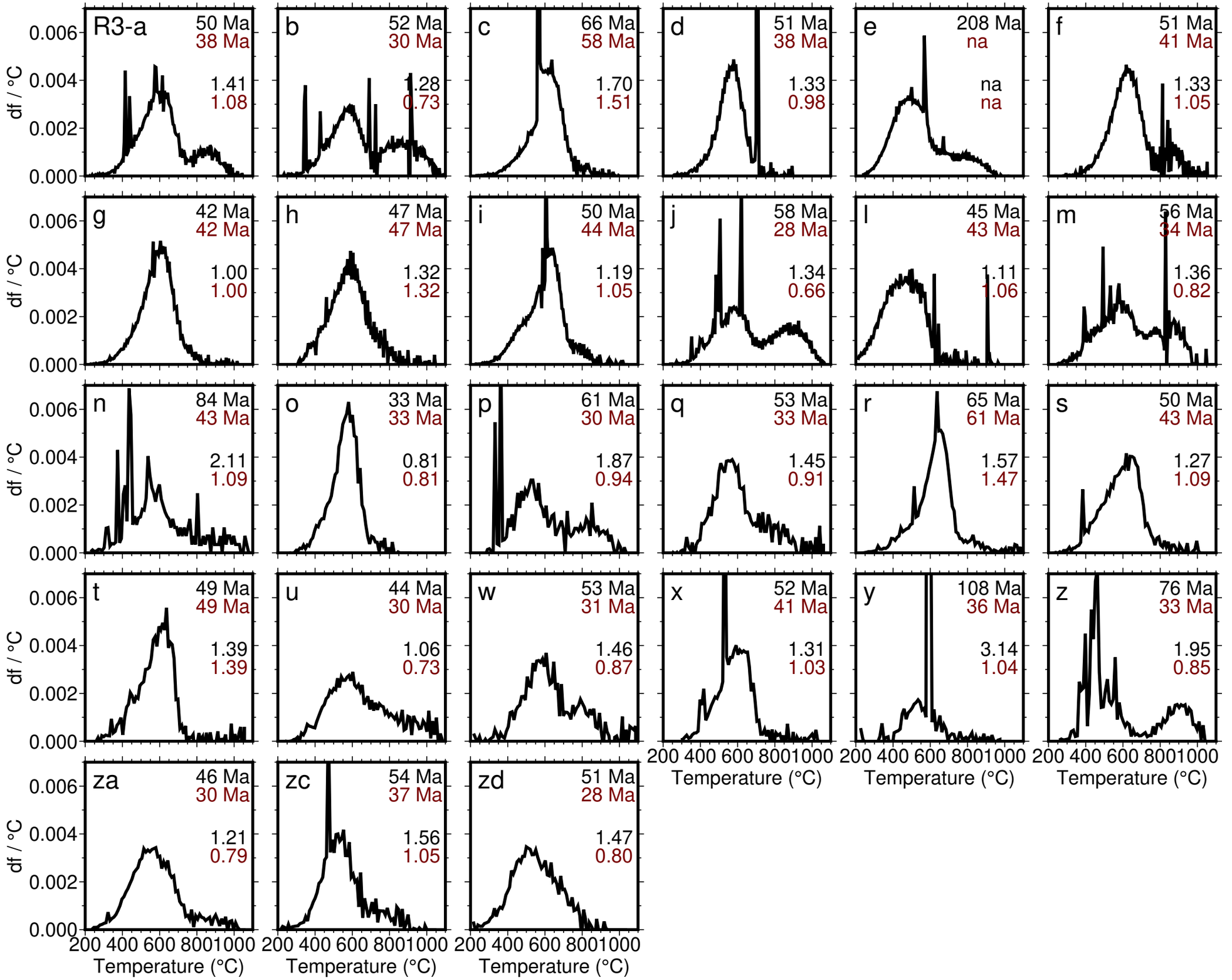
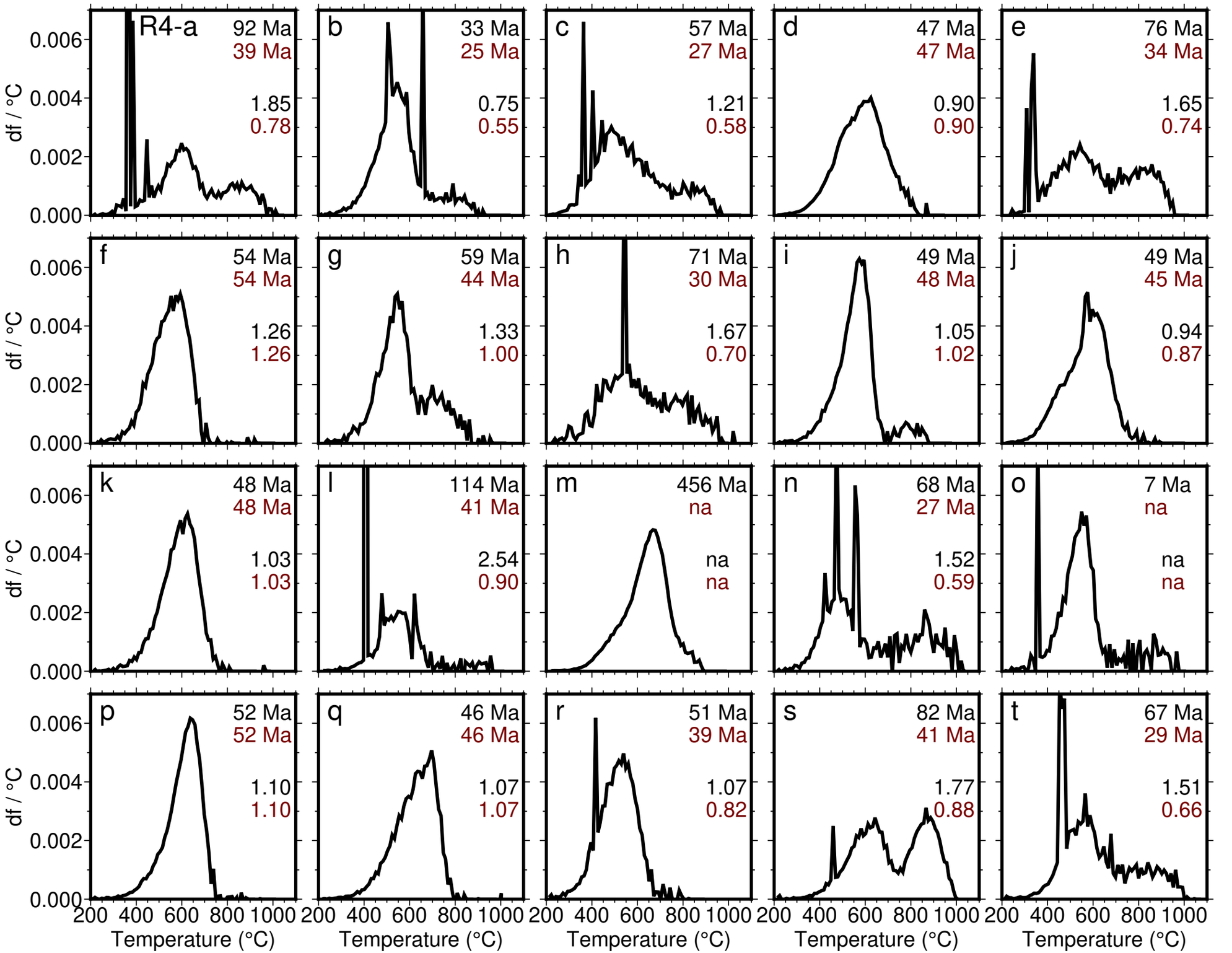
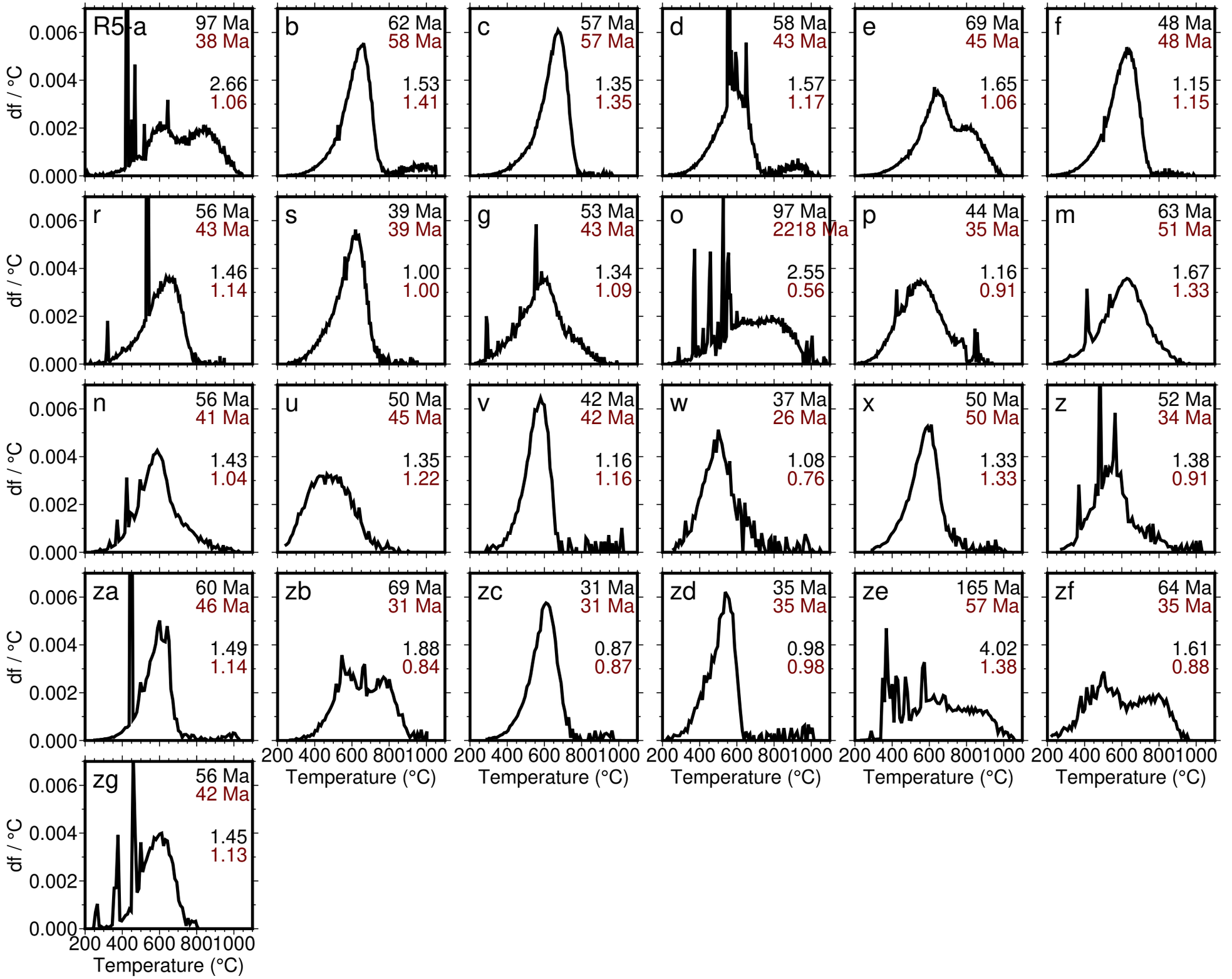
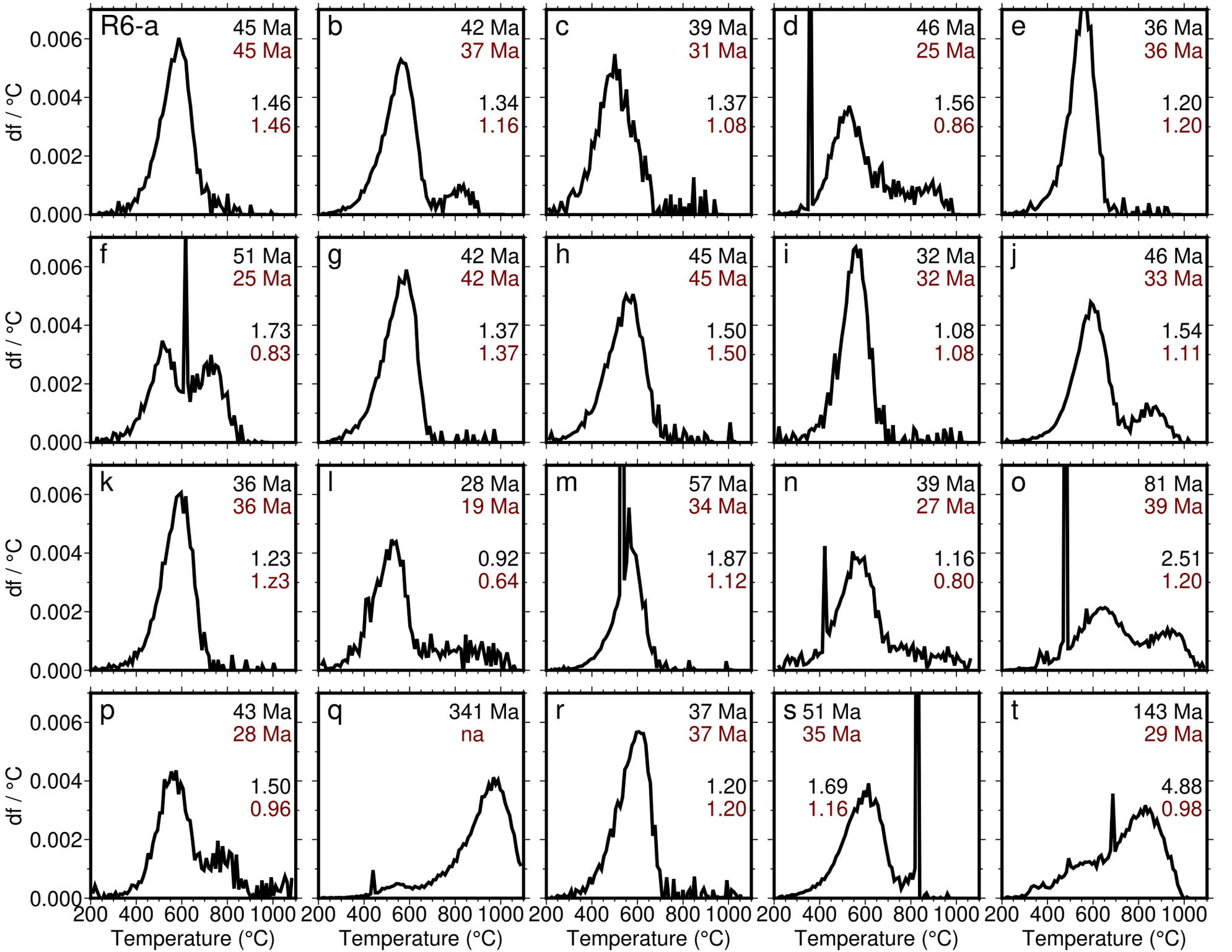

R1-a
50 Ma
50 Ma
0.84
0.84
b
47 Ma
34 Ma
0.87
0.63
c
37 Ma
37 Ma
0.69
0.69
d
38 Ma
37 Ma
0.68
0.68
e
74 Ma
37 Ma
1.30
0.65
g
110 Ma
55 Ma
1.98
0.99
h
84 Ma
32 Ma
1.55
0.59
i
47 Ma
31 Ma
0.87
0.59
j
55 Ma
30 Ma
1.05
0.58
k
45 Ma
31 Ma
0.83
0.58
l
40 Ma
22 Ma
0.73
0.40
m
85 Ma
29 Ma
1.58
0.54
n
122 Ma
23 Ma
2.12
0.4
o
42 Ma
42 Ma
0.76
0.76
p
47 Ma
38 Ma
0.88
0.72
q
42 Ma
42 Ma
0.76
0.76
r
64 Ma
16 Ma
1.13
0.29
s
42 Ma
35 Ma
0.76
0.64
u
36 Ma
36 Ma
0.64
0.64
v
40 Ma
28 Ma
0.72
0.51
df / °C
0.000
0.002
0.004
0.006
200 400 600 800 1000
Temperature (°C)


R2-a
69 Ma
36 Ma
1.53
0.80
b
70 Ma
54 Ma
1.51
1.16
c
40 Ma
30 Ma
0.90
0.67
d
77 Ma
54 Ma
1.73
1.22
f
46 Ma
46 Ma
0.95
0.95
g
43 Ma
34 Ma
1.06
0.83
h
66 Ma
30 Ma
1.45
0.65
i
41 Ma
41 Ma
0.86
0.86
j
45 Ma
45 Ma
0.93
0.93
k
52 Ma
52 Ma
1.07
1.07
l
105 Ma
40 Ma
2.25
0.85
m
41 Ma
30 Ma
0.92
0.66
n
44 Ma
31 Ma
0.92
0.64
o
36 Ma
36 Ma
0.80
0.80
p
75 Ma
37 Ma
1.61
0.79
q
55 Ma
21 Ma
1.21
0.47
r
117 Ma
34 Ma
2.42
0.70
s
57 Ma
19 Ma
1.17
0.40
t
50 Ma
50 Ma
1.05
1.05
u
55 Ma
43 Ma
1.14
0.89
df / °C
0.000
0.002
0.004
0.006
200 400 600 800 1000
Temperature (°C)


R3-a
50 Ma
38 Ma
1.41
1.08
b
52 Ma
30 Ma
1.28
0.73
c
66 Ma
58 Ma
1.70
1.51
d
51 Ma
38 Ma
1.33
0.98
e
208 Ma
na
na
na
f
51 Ma
41 Ma
1.33
1.05
g
42 Ma
42 Ma
1.00
1.00
h
47 Ma
47 Ma
1.32
1.32
i
50 Ma
44 Ma
1.19
1.05
j
58 Ma
28 Ma
1.34
0.66
l
45 Ma
43 Ma
1.11
1.06
m
56 Ma
34 Ma
1.36
0.82
n
84 Ma
43 Ma
2.11
1.09
o
33 Ma
33 Ma
0.81
0.81
p
61 Ma
30 Ma
1.87
0.94
q
53 Ma
33 Ma
1.45
0.91
r
65 Ma
61 Ma
1.57
1.47
s
50 Ma
43 Ma
1.27
1.09
t
49 Ma
49 Ma
1.39
1.39
u
44 Ma
30 Ma
1.06
0.73
w
53 Ma
31 Ma
1.46
0.87
x
52 Ma
41 Ma
1.31
1.03
y
108 Ma
36 Ma
3.14
1.04
z
76 Ma
33 Ma
1.95
0.85
za
46 Ma
30 Ma
1.21
0.79
zc
54 Ma
37 Ma
1.56
1.05
zd
51 Ma
28 Ma
1.47
0.80
df / °C
0.000
0.002
0.004
0.006
200 400 600 8001000
Temperature (°C)


R4-a
92 Ma
39 Ma
1.85
0.78
b
33 Ma
25 Ma
0.75
0.55
c
57 Ma
27 Ma
1.21
0.58
d
47 Ma
47 Ma
0.90
0.90
e
76 Ma
34 Ma
1.65
0.74
f
54 Ma
54 Ma
1.26
1.26
g
59 Ma
44 Ma
1.33
1.00
h
71 Ma
30 Ma
1.67
0.70
i
49 Ma
48 Ma
1.05
1.02
j
49 Ma
45 Ma
0.94
0.87
k
48 Ma
48 Ma
1.03
1.03
l
114 Ma
41 Ma
2.54
0.90
m
456 Ma
na
na
na
n
68 Ma
27 Ma
1.52
0.59
o
7 Ma
na
na
na
p
52 Ma
52 Ma
1.10
1.10
q
46 Ma
46 Ma
1.07
1.07
r
51 Ma
39 Ma
1.07
0.82
s
82 Ma
41 Ma
1.77
0.88
t
67 Ma
29 Ma
1.51
0.66
df / °C
0.000
0.002
0.004
0.006
200 400 600 800 1000
Temperature (°C)


R5
a
97 Ma
38 Ma
2.66
1.06
b
62 Ma
58 Ma
1.53
1.41
c
57 Ma
57 Ma
1.35
1.35
d
58 Ma
43 Ma
1.57
1.17
e
69 Ma
45 Ma
1.65
1.06
f
48 Ma
48 Ma
1.15
1.15
r
56 Ma
43 Ma
1.46
1.14
s
39 Ma
39 Ma
1.00
1.00
g
53 Ma
43 Ma
1.34
1.09
o
97 Ma
2218 Ma
2.55
0.56
p
44 Ma
35 Ma
1.16
0.91
m
63 Ma
51 Ma
1.67
1.33
n
56 Ma
41 Ma
1.43
1.04
u
50 Ma
45 Ma
1.35
1.22
v
42 Ma
42 Ma
1.16
1.16
w
37 Ma
26 Ma
1.08
0.76
x
50 Ma
50 Ma
1.33
1.33
z
52 Ma
34 Ma
1.38
0.91
za
60 Ma
46 Ma
1.49
1.14
zb
69 Ma
31 Ma
1.88
0.84
zc
31 Ma
31 Ma
0.87
0.87
zd
35 Ma
35 Ma
0.98
0.98
ze
165 Ma
57 Ma
4.02
1.38
zf
64 Ma
35 Ma
1.61
0.88
zg
56 Ma
42 Ma
1.45
1.13
df / °C
0.000
0.002
0.004
0.006
200 400 600 8001000
Temperature (°C)


R6-a
45 Ma
45 Ma
1.46
1.46
b
42 Ma
37 Ma
1.34
1.16
c
39 Ma
31 Ma
1.37
1.08
d
46 Ma
25 Ma
1.56
0.86
e
36 Ma
36 Ma
1.20
1.20
f
51 Ma
25 Ma
1.73
0.83
g
42 Ma
42 Ma
1.37
1.37
h
45 Ma
45 Ma
1.50
1.50
i
32 Ma
32 Ma
1.08
1.08
j
46 Ma
33 Ma
1.54
1.11
k
36 Ma
36 Ma
1.23
1.z3
l
28 Ma
19 Ma
0.92
0.64
m
57 Ma
34 Ma
1.87
1.12
n
39 Ma
27 Ma
1.16
0.80
o
81 Ma
39 Ma
2.51
1.20
p
43 Ma
28 Ma
1.50
0.96
q
341 Ma
na
r
37 Ma
37 Ma
1.20
1.20
s 51 Ma
35 Ma
1.69
1.16
t
143 Ma
29 Ma
4.88
0.98
df / °C
0.000
0.002
0.004
0.006
200 400 600 800 1000
Temperature (°C)