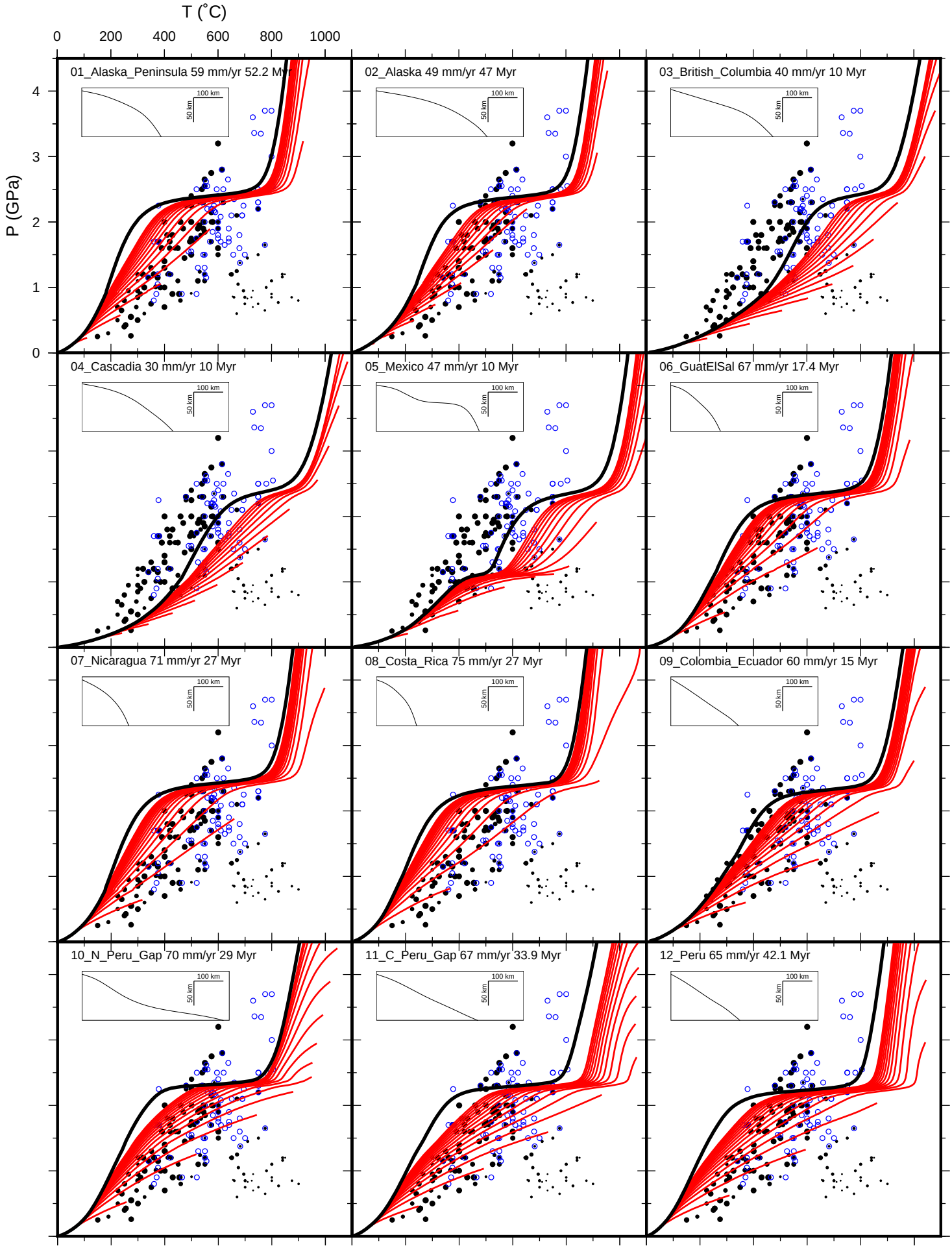
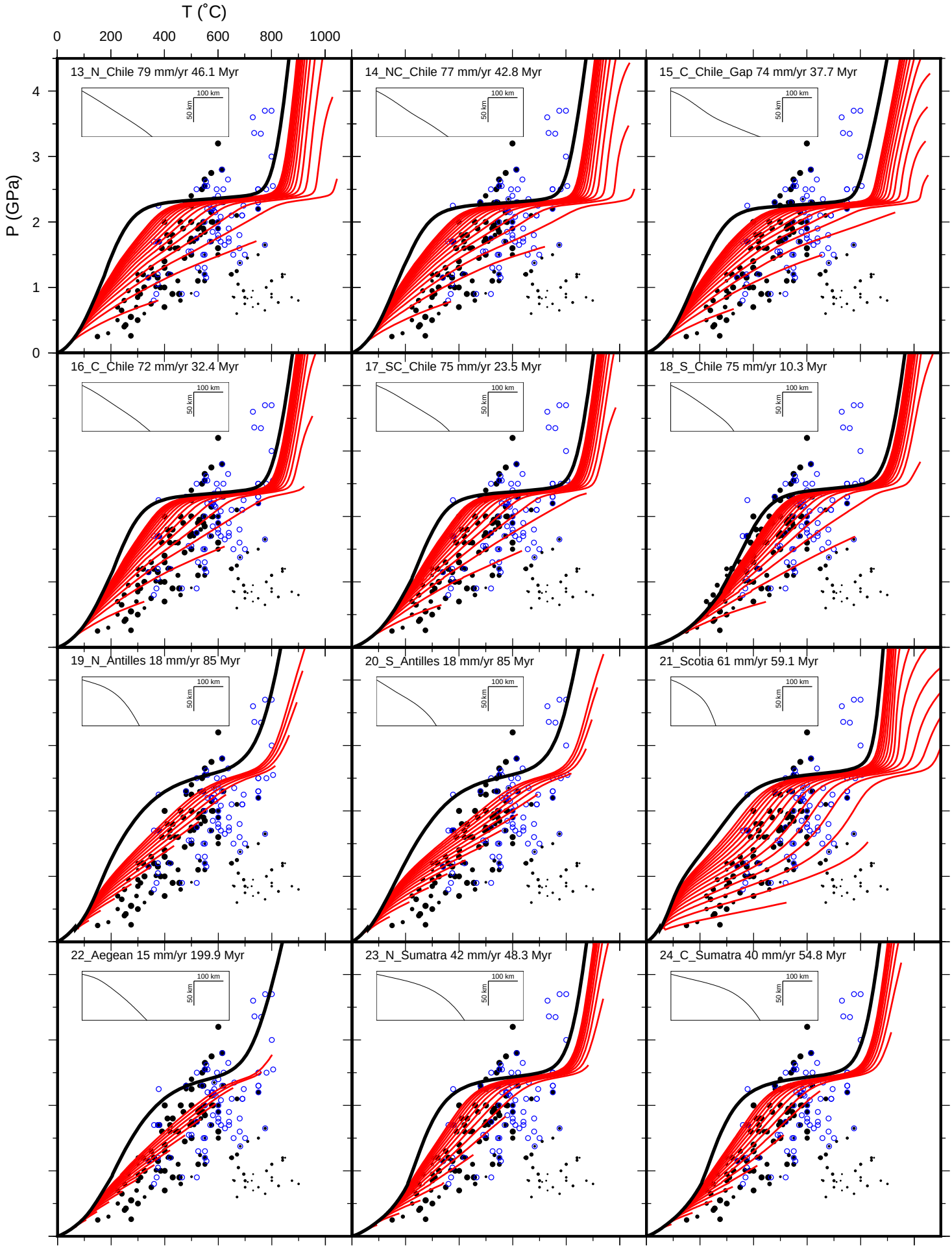
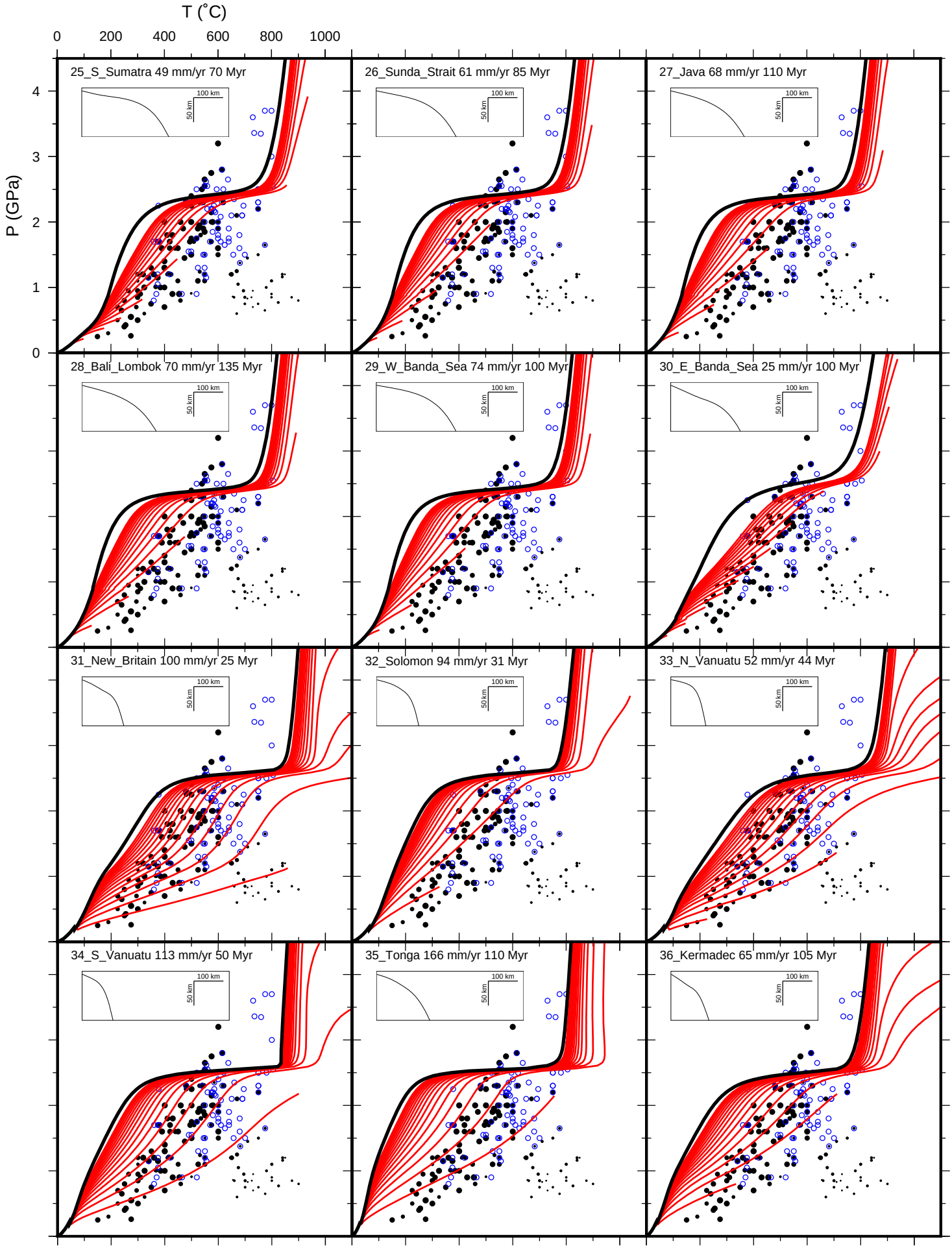
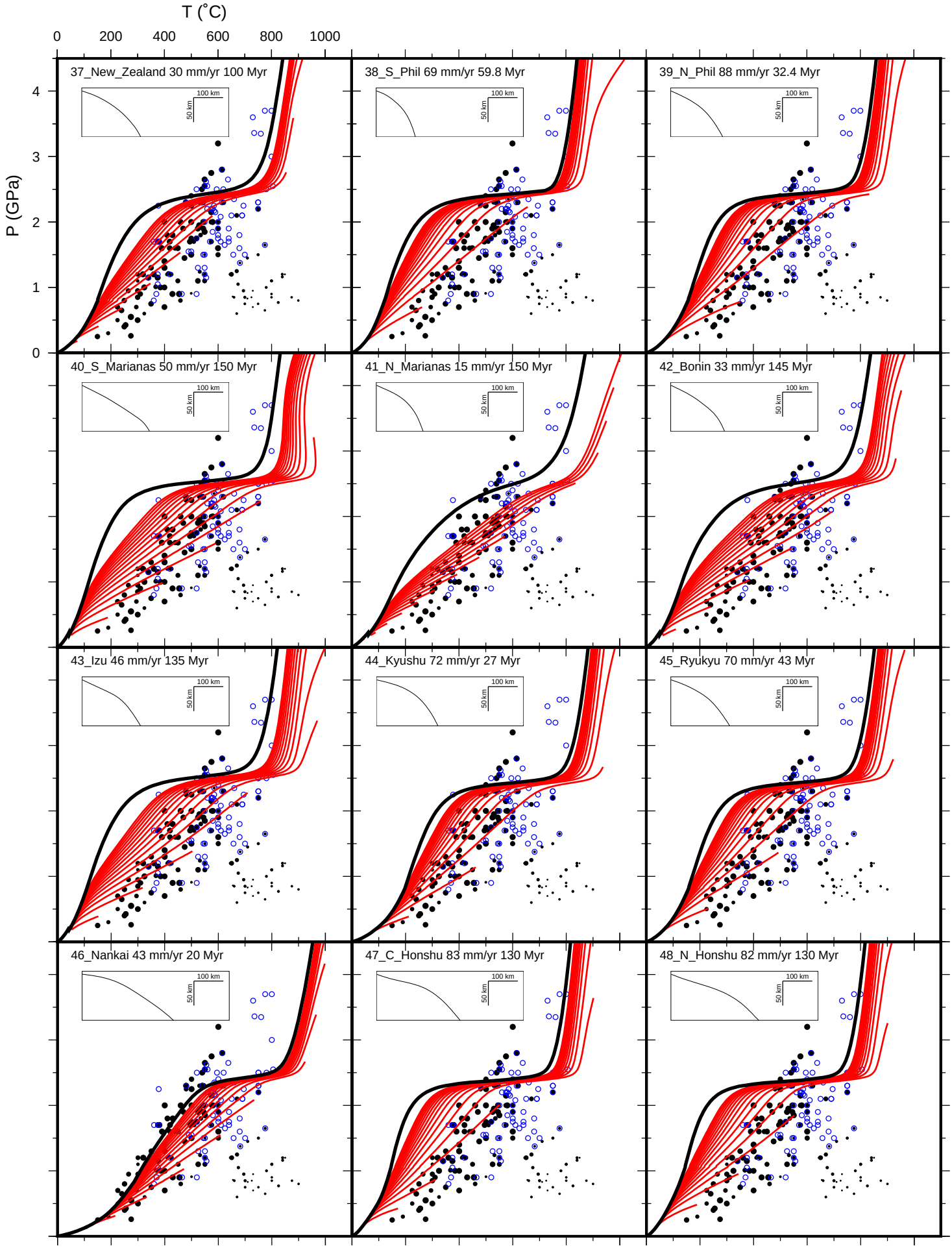
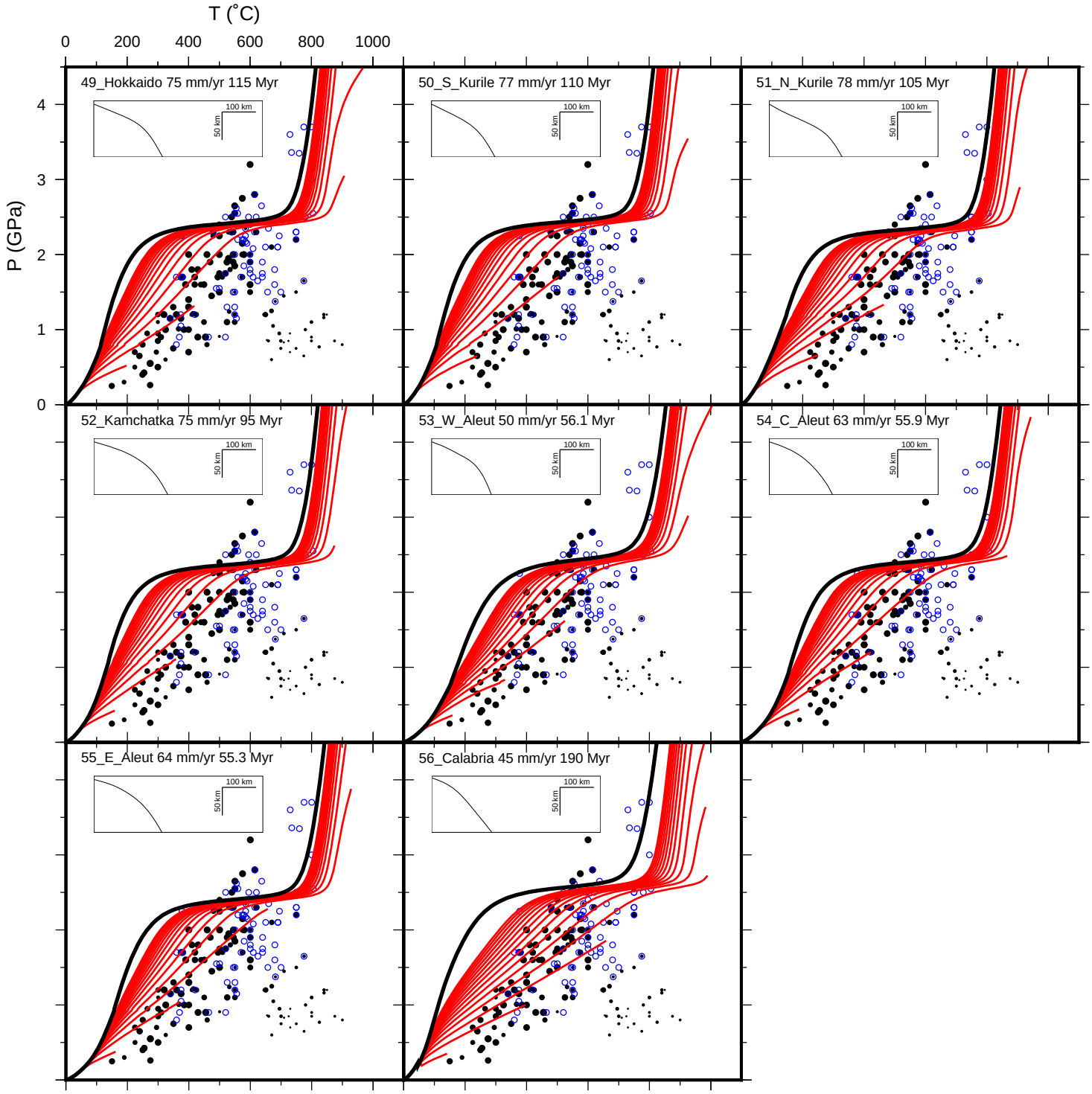

T (˚C)
0
200
400
600
800
1000
P (GPa)
0
1
2
3
4
01_Alaska_Peninsula 59 mm/yr 52.2 Myr
02_Alaska 49 mm/yr 47 Myr
03_British_Columbia 40 mm/yr 10 Myr
04_Cascadia 30 mm/yr 10 Myr
05_Mexico 47 mm/yr 10 Myr
06_GuatElSal 67 mm/yr 17.4 Myr
07_Nicaragua 71 mm/yr 27 Myr
08_Costa_Rica 75 mm/yr 27 Myr
09_Colombia_Ecuador 60 mm/yr 15 Myr
10_N_Peru_Gap 70 mm/yr 29 Myr
11_C_Peru_Gap 67 mm/yr 33.9 Myr
12_Peru 65 mm/yr 42.1 Myr
100 km
50 km


T (˚C)
0
200
400
600
800
1000
P (GPa)
0
1
2
3
4
13_N_Chile 79 mm/yr 46.1 Myr
14_NC_Chile 77 mm/yr 42.8 Myr
15_C_Chile_Gap 74 mm/yr 37.7 Myr
16_C_Chile 72 mm/yr 32.4 Myr
17_SC_Chile 75 mm/yr 23.5 Myr
18_S_Chile 75 mm/yr 10.3 Myr
19_N_Antilles 18 mm/yr 85 Myr
20_S_Antilles 18 mm/yr 85 Myr
21_Scotia 61 mm/yr 59.1 Myr
22_Aegean 15 mm/yr 199.9 Myr
23_N_Sumatra 42 mm/yr 48.3 Myr
24_C_Sumatra 40 mm/yr 54.8 Myr
100 km
50 km


T (˚C)
0
200
400
600
800
1000
P (GPa)
0
1
2
3
4
25_S_Sumatra 49 mm/yr 70 Myr
26_Sunda_Strait 61 mm/yr 85 Myr
27_Java 68 mm/yr 110 Myr
28_Bali_Lombok 70 mm/yr 135 Myr
29_W_Banda_Sea 74 mm/yr 100 Myr
30_E_Banda_Sea 25 mm/yr 100 Myr
31_New_Britain 100 mm/yr 25 Myr
32_Solomon 94 mm/yr 31 Myr
33_N_Vanuatu 52 mm/yr 44 Myr
34_S_Vanuatu 113 mm/yr 50 Myr
35_Tonga 166 mm/yr 110 Myr
36_Kermadec 65 mm/yr 105 Myr
100 km
50 km


T (˚C)
0
200
400
600
800
1000
P (GPa)
0
1
2
3
4
37_New_Zealand 30 mm/yr 100 Myr
38_S_Phil 69 mm/yr 59.8 Myr
39_N_Phil 88 mm/yr 32.4 Myr
40_S_Marianas 50 mm/yr 150 Myr
41_N_Marianas 15 mm/yr 150 Myr
42_Bonin 33 mm/yr 145 Myr
43_Izu 46 mm/yr 135 Myr
44_Kyushu 72 mm/yr 27 Myr
45_Ryukyu 70 mm/yr 43 Myr
46_Nankai 43 mm/yr 20 Myr
47_C_Honshu 83 mm/yr 130 Myr
48_N_Honshu 82 mm/yr 130 Myr
100 km
50 km


T (˚C)
0
200
400
600
800
1000
P (GPa)
0
1
2
3
4
49_Hokkaido 75 mm/yr 115 Myr
50_S_Kurile 77 mm/yr 110 Myr
51_N_Kurile 78 mm/yr 105 Myr
52_Kamchatka 75 mm/yr 95 Myr
53_W_Aleut 50 mm/yr 56.1 Myr
54_C_Aleut 63 mm/yr 55.9 Myr
55_E_Aleut 64 mm/yr 55.3 Myr
56_Calabria 45 mm/yr 190 Myr
100 km
50 km