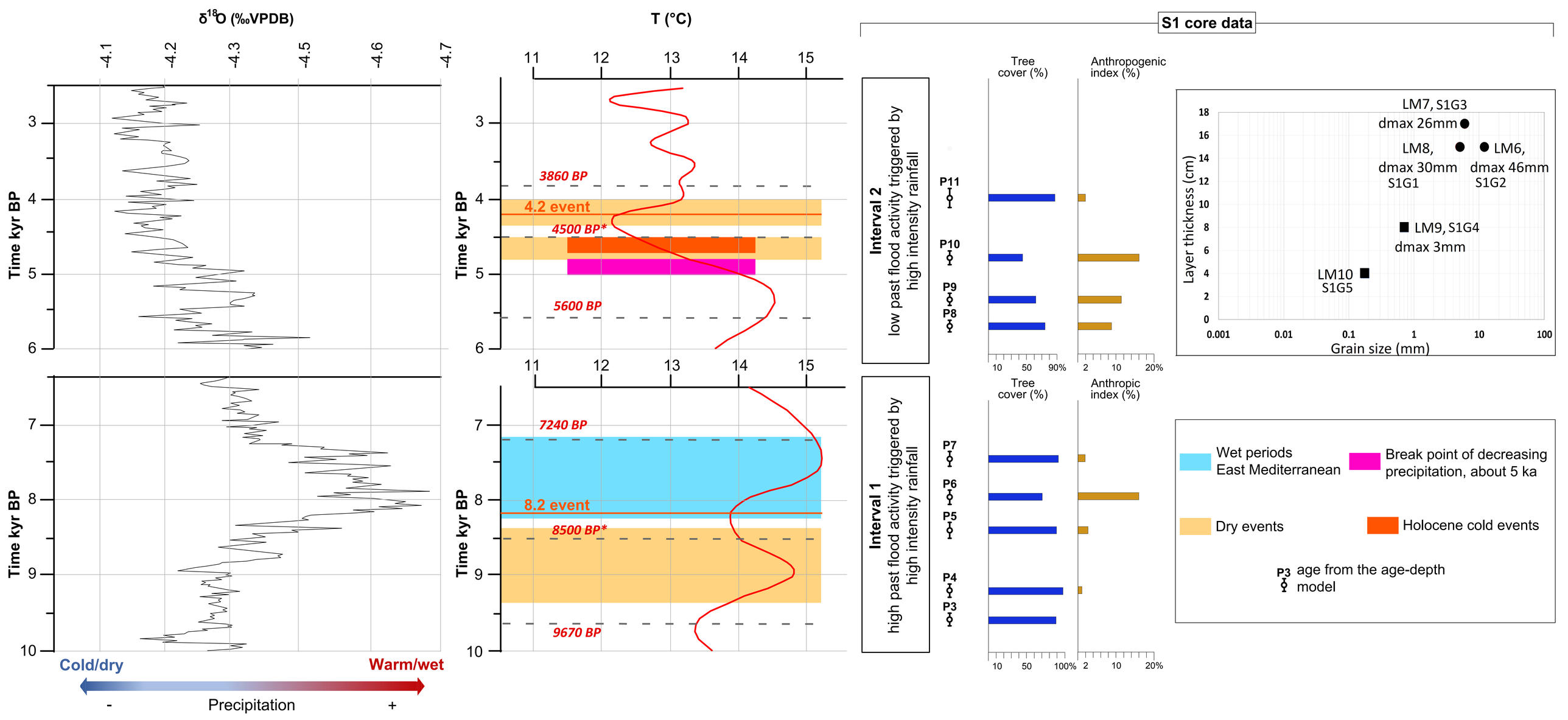
δ18O (‰VPDB)
-4.1
-4.2
-4.3
-4.5
-4.6
-4.7
T (°C)
11
12
13
14
15
Time kyr BP
3
4
5
6
7
8
9
10
3860 BP
4.2 event
4500 BP*
5600 BP
7240 BP
8.2 event
8500 BP*
9670 BP
Cold/dry
Warm/wet
-
Precipitation
+
S1 core data
Interval 2
low past flood activity triggered by high intensity rainfall
Interval 1
high past flood activity triggered by high intensity rainfall
Tree cover (%)
Anthropogenic index (%)
Anthropic index (%)
P11
P10
P9
P8
P7
P6
P5
P4
P3
10
50
90%
100%
2
20%
Layer thickness (cm)
Grain size (mm)
0.001
0.01
0.1
1
100
LM7, S1G3
dmax 26mm
LM8,
dmax 30mm
S1G1
LM6,
dmax 46mm
S1G2
LM9, S1G4
dmax 3mm
LM10
S1G5
Wet periods East Mediterranean
Break point of decreasing precipitation, about 5 ka
Dry events
Holocene cold events
P3 age from the age-depth model