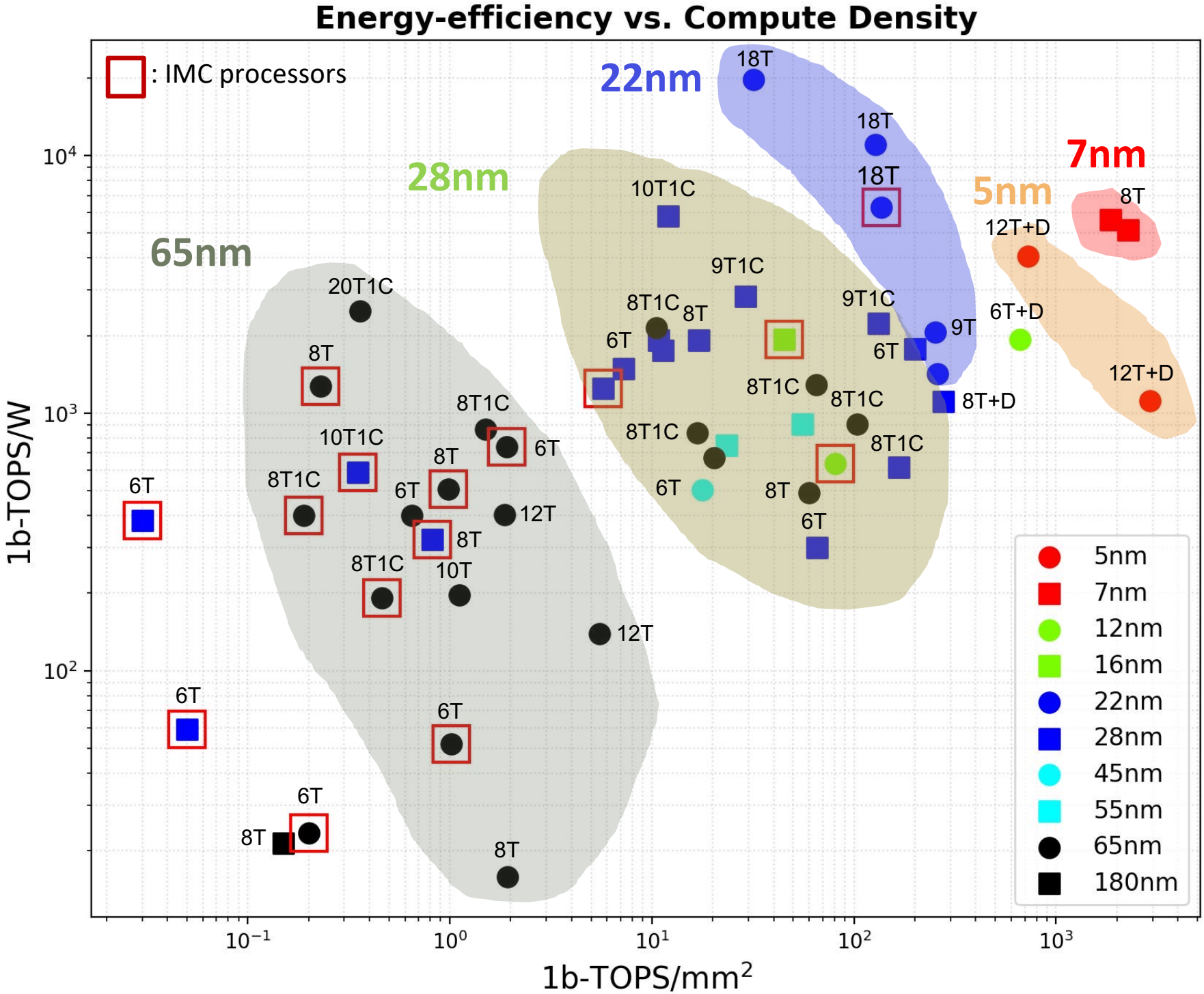
Energy-efficiency vs. Compute Density
: IMC processors
22nm
28nm
65nm
5nm
7nm
18T
18T
18T
10T1C
9T1C
9T1C
8T1C
8T
6T
9T
6T
8T1C
8T1C
8T+D
8T1C
8T1C
8T1C
6T
8T
6T
8T
6T
12T+D
6T+D
12T+D
8T
20T1C
8T
8T1C
6T
10T1C
8T
8T1C
6T
6T
12T
8T
8T1C
10T
12T
6T
6T
6T
8T
8T
1b-TOPS/W
1b-TOPS/mm²
10^4
10^3
10^2
10^{-1}
10^0
10^1
10^2
10^3
5nm
7nm
12nm
16nm
22nm
28nm
45nm
55nm
65nm
180nm