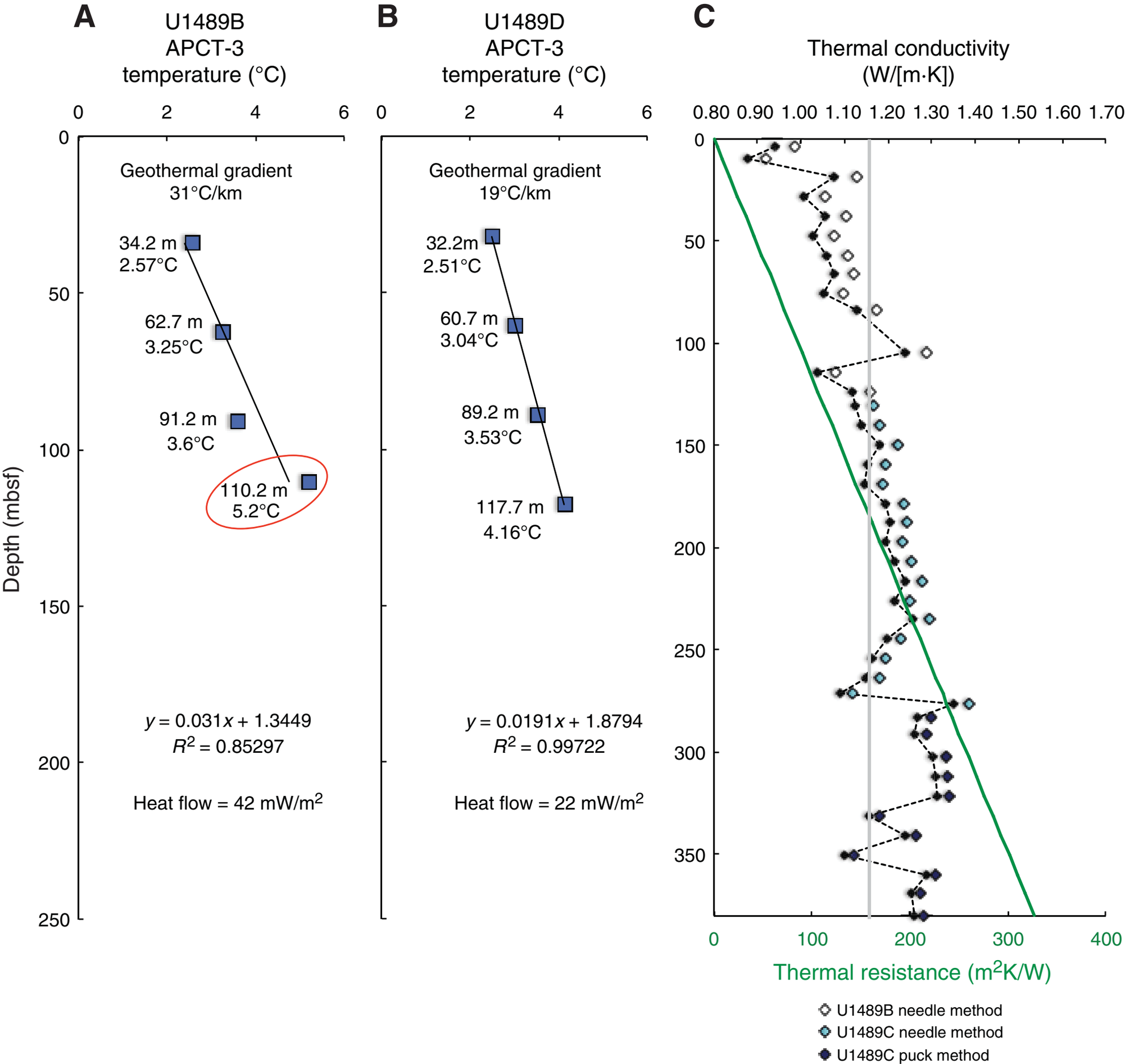
A
U1489B
APCT-3
temperature (°C)
0
2
4
6
Geothermal gradient
31°C/km
34.2 m
2.57°C
62.7 m
3.25°C
91.2 m
3.6°C
110.2 m
5.2°C
y = 0.031x + 1.3449
R2 = 0.85297
Heat flow = 42 mW/m2
Depth (mbsf)
0
50
100
150
200
250
B
U1489D
APCT-3
temperature (°C)
Geothermal gradient
19°C/km
32.2m
2.51°C
60.7 m
3.04°C
89.2 m
3.53°C
117.7 m
4.16°C
y = 0.0191x + 1.8794
R2 = 0.99722
Heat flow = 22 mW/m2
C
Thermal conductivity
(W/[m·K])
0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70
0
50
100
150
200
250
300
350
0
100
200
300
400
Thermal resistance (m2K/W)
U1489B needle method
U1489C needle method
U1489C puck method