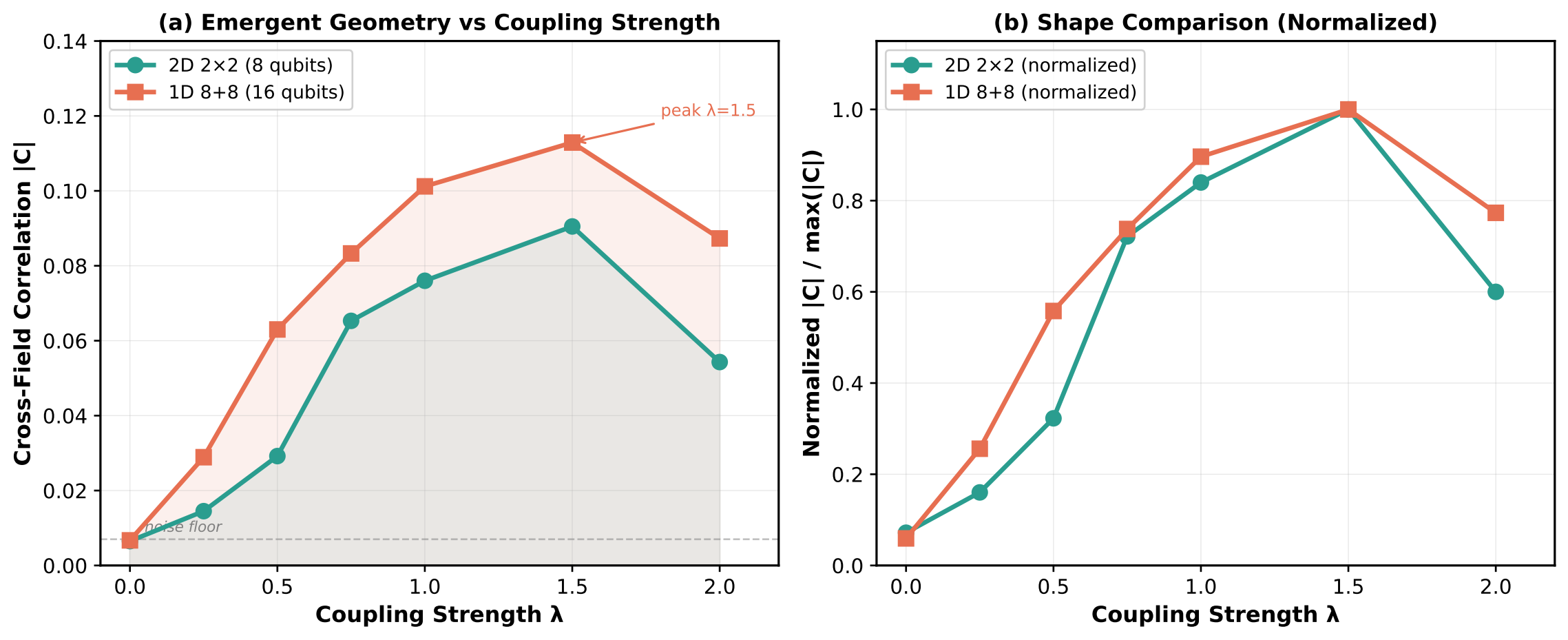
(a) Emergent Geometry vs Coupling Strength
2D 2×2 (8 qubits)
1D 8+8 (16 qubits)
peak λ=1.5
noise floor
Cross-Field Correlation |C|
Coupling Strength λ
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
0.0
0.5
1.0
1.5
2.0
(b) Shape Comparison (Normalized)
2D 2×2 (normalized)
1D 8+8 (normalized)
Normalized |C| / max(|C|)
Coupling Strength λ
0.0
0.2
0.4
0.6
0.8
1.0