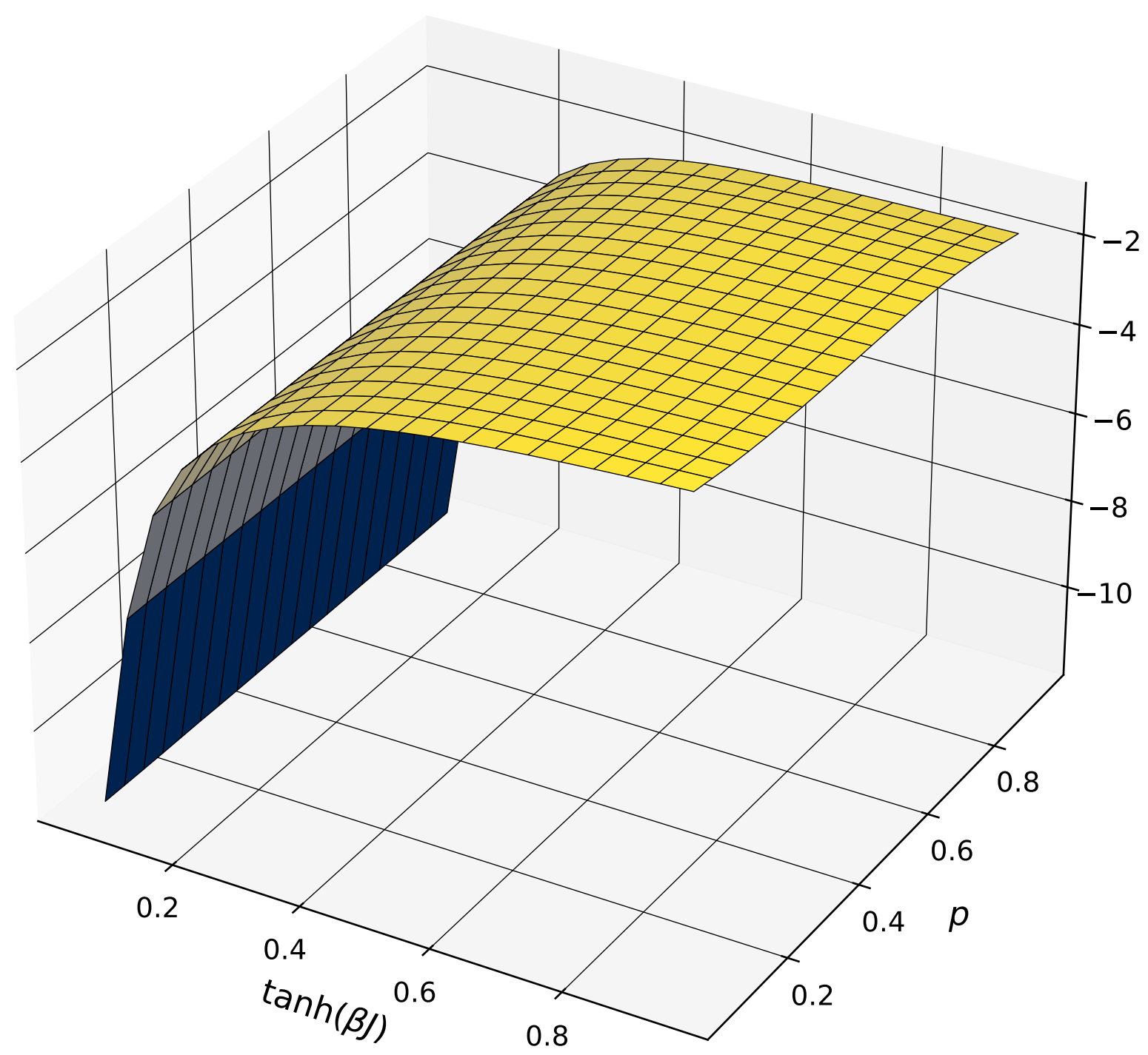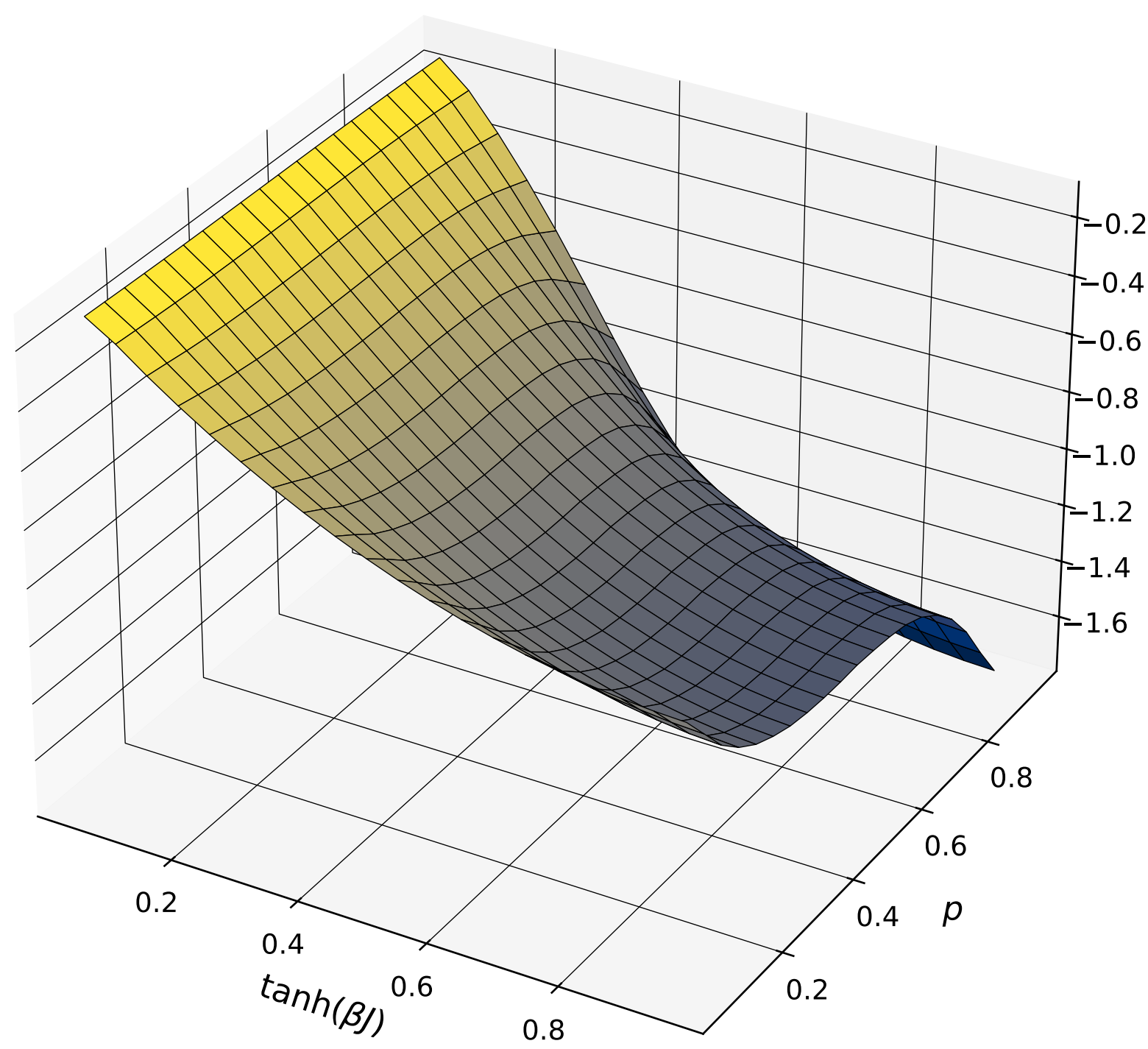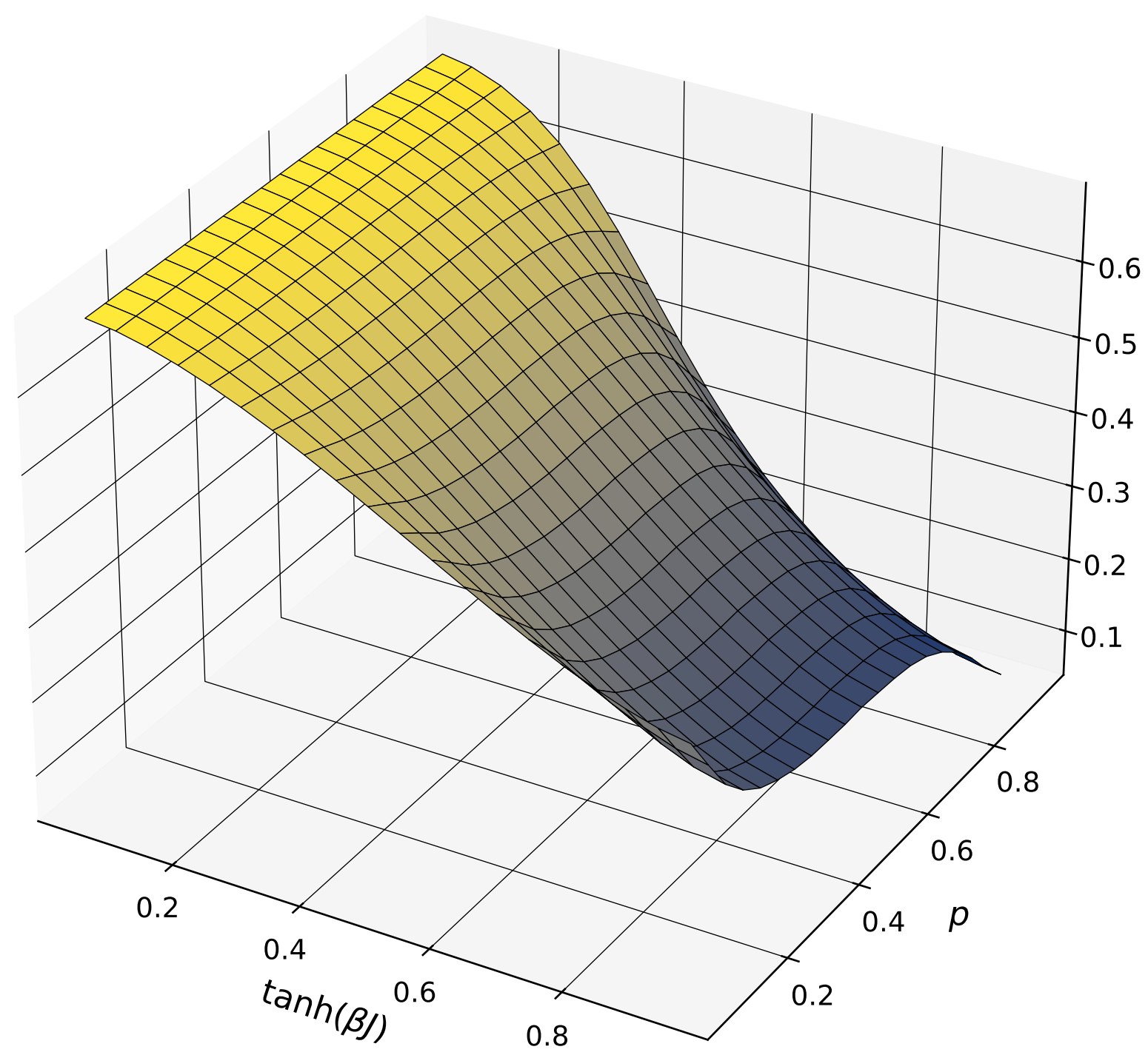Free Energy density

Energy density

Entropy density

Heat Capacity density