Figure 4.4 The lipids of the membranes of bacterial and eukaryotic cells (top) form a bilayer, while those of archaean cells (bottom) form a monolayer. Only the lipid component of the membrane is shown.

Some Archaea have bilayers but all have phytol-style lipids with many methyle branches.

Gram negative "Advanced" with digestive "stomach" Both are bacteria

Gram positive "Primitive"