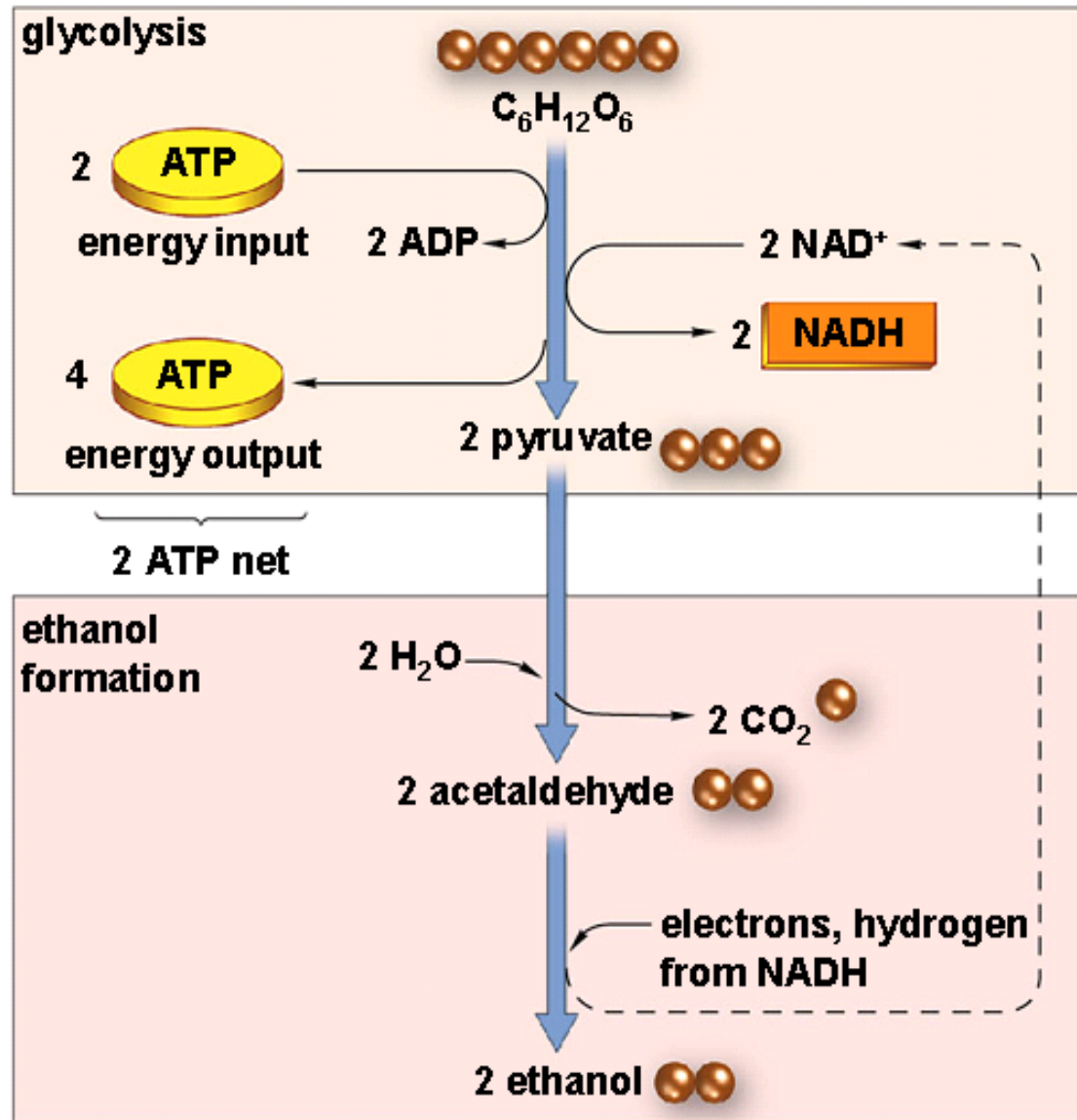


5.10 Fermentation

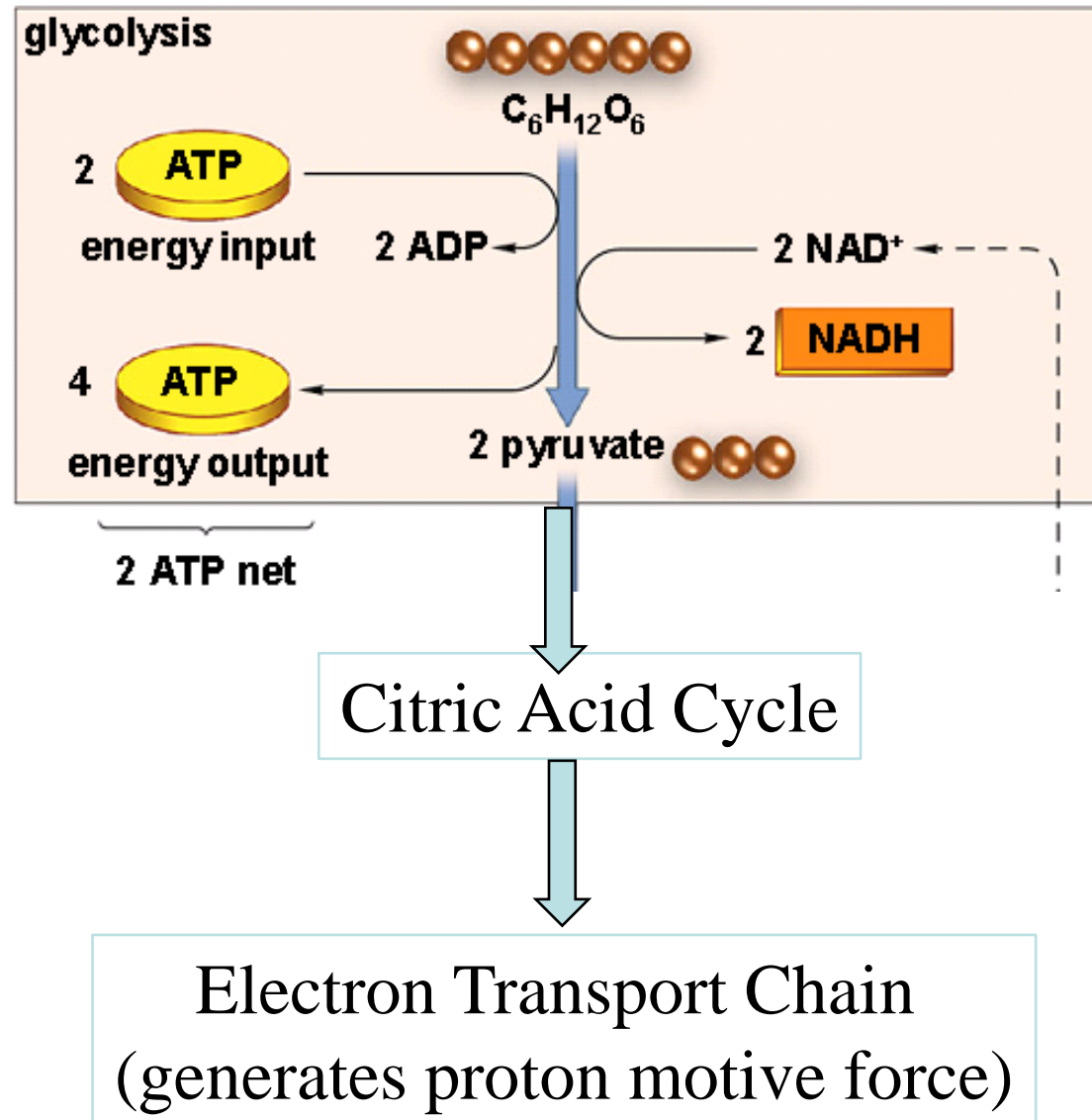
- Net: 2 ATP

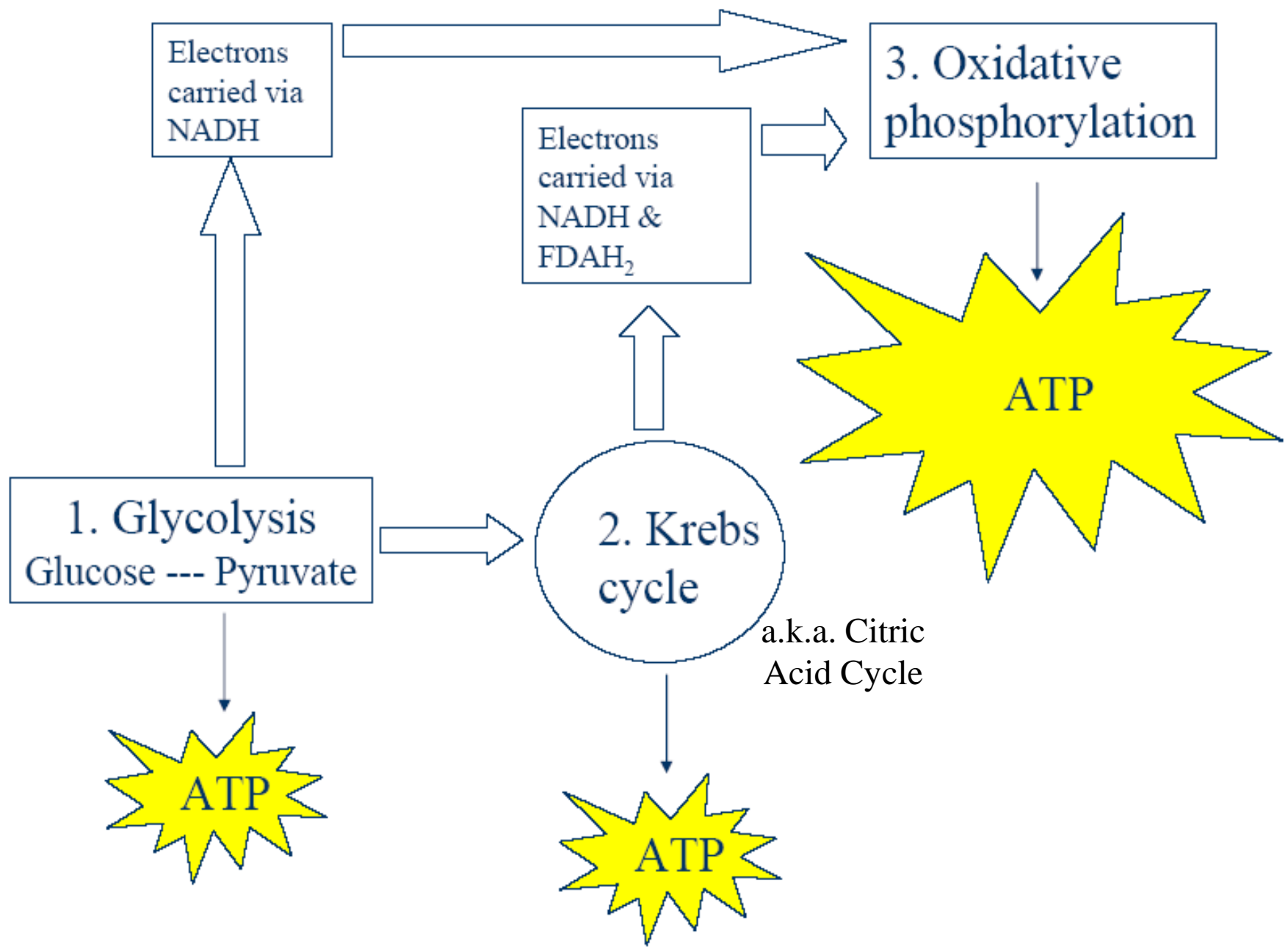


© 2006 Brooks/Cole - Thomson

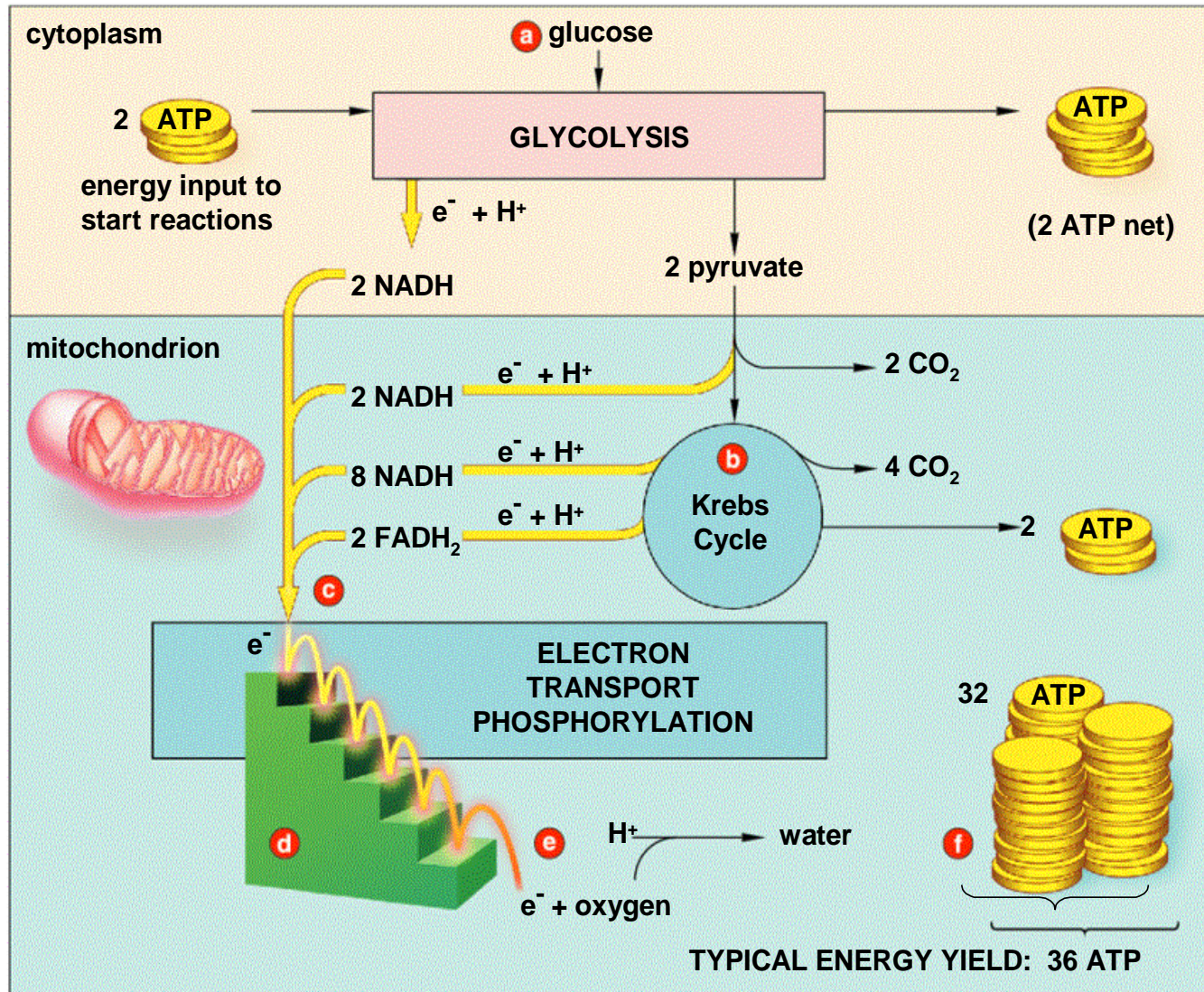
5.11 Respiration

- Net: ~ 36 ATP



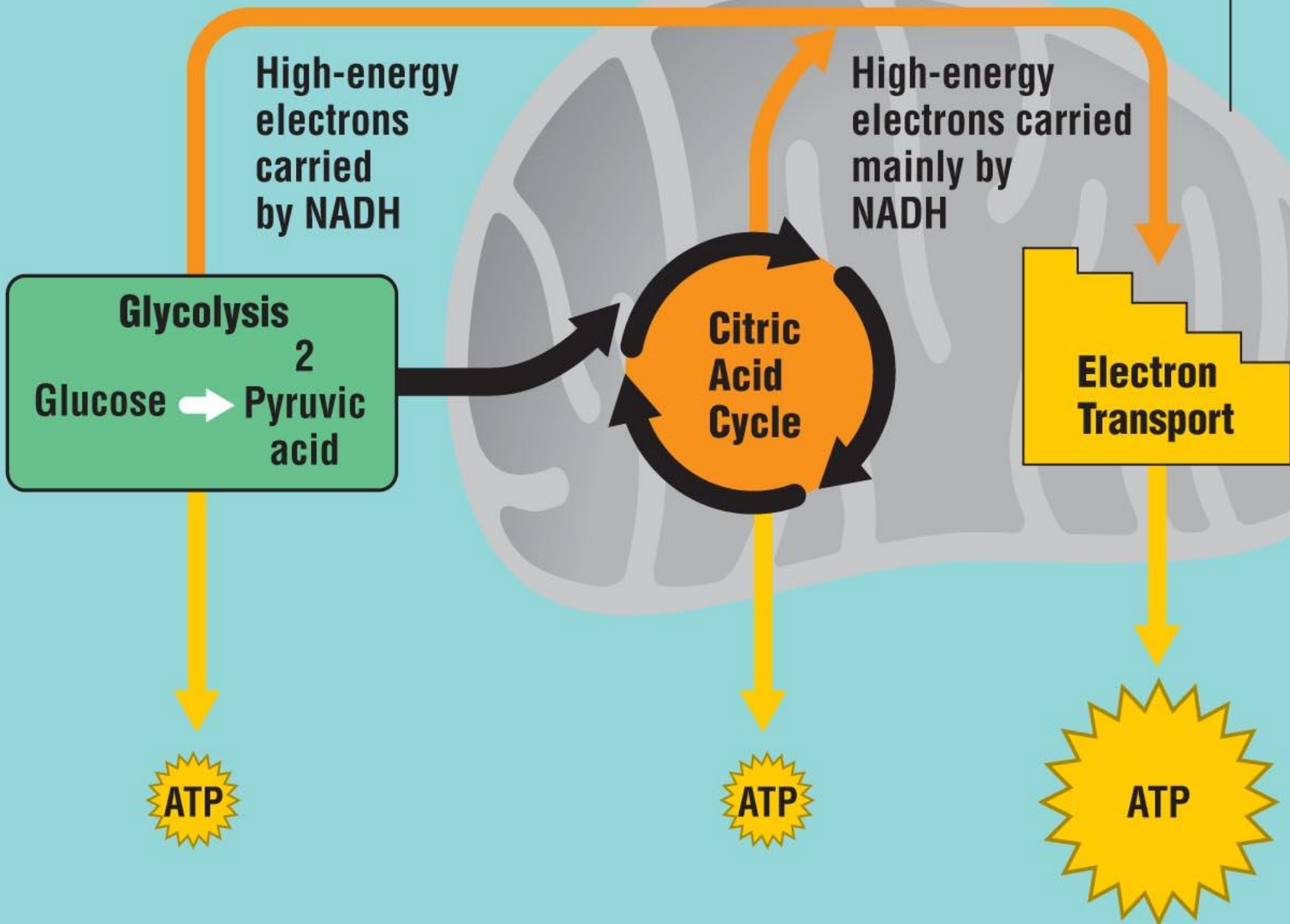


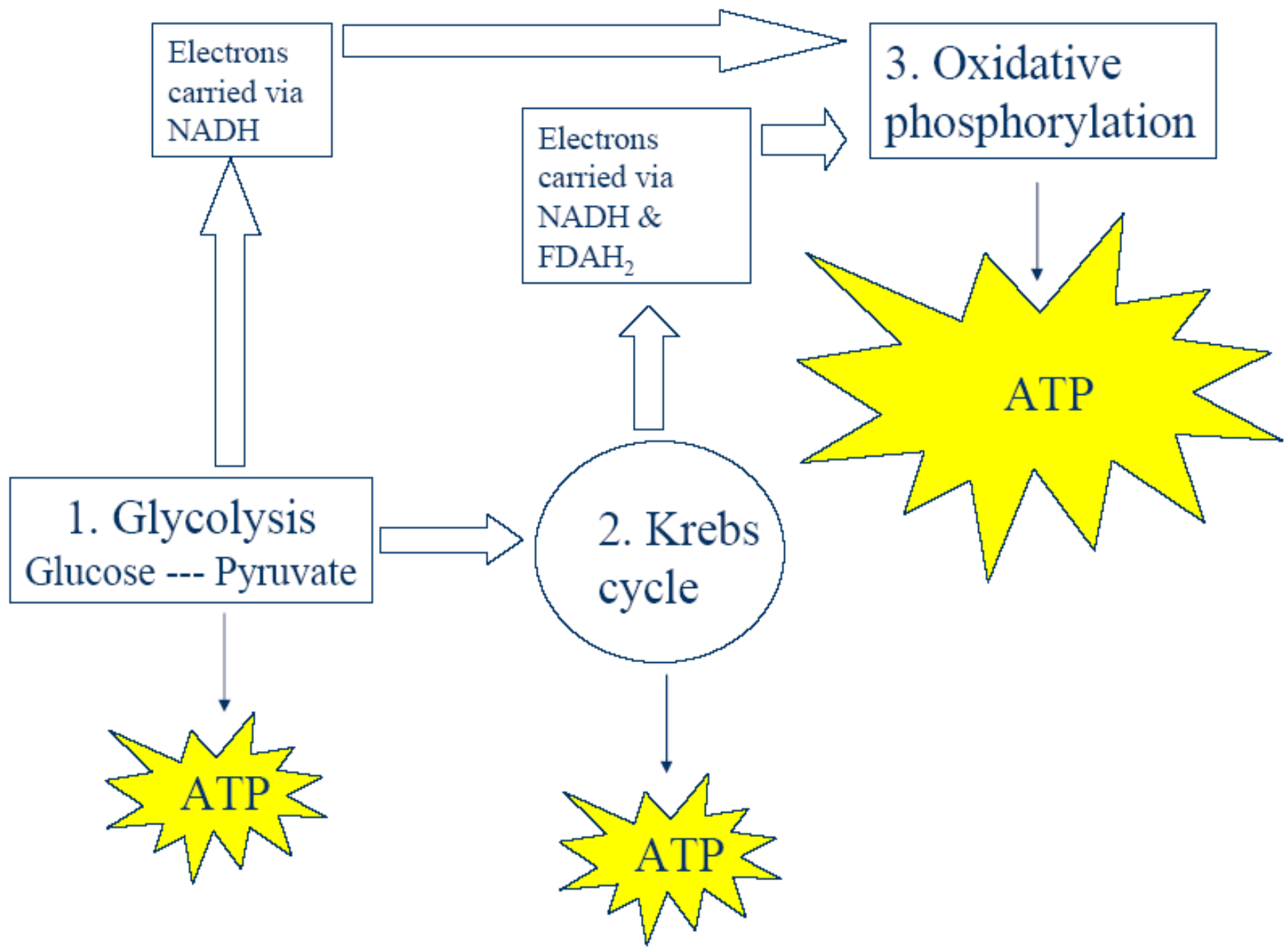
Overview of Aerobic Respiration



Cytosol

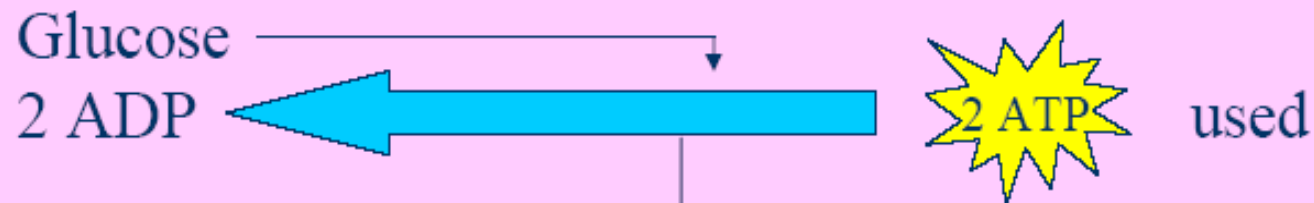
Mitochondrion



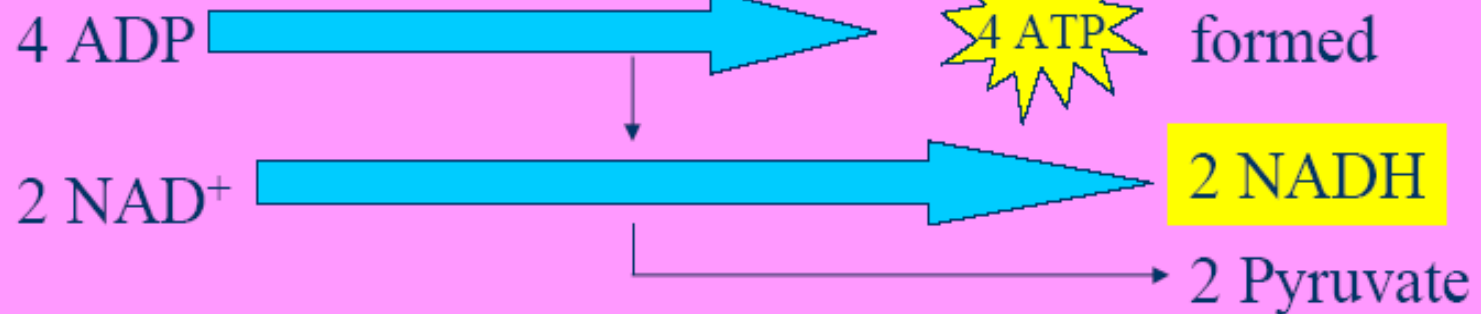


Glycolysis

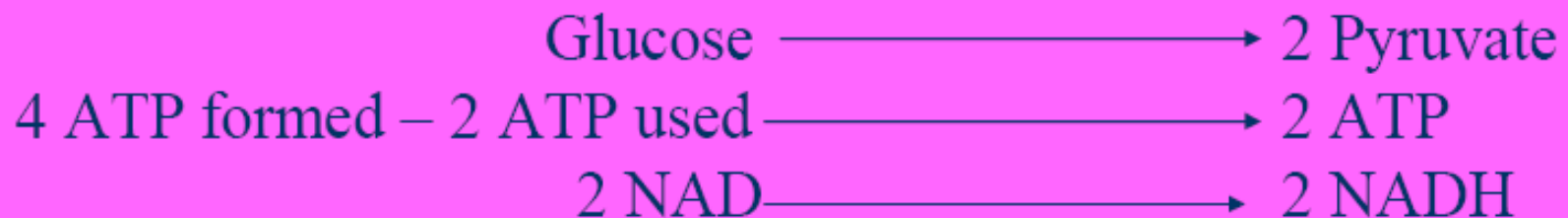
Energy investment phase



Energy payoff phase

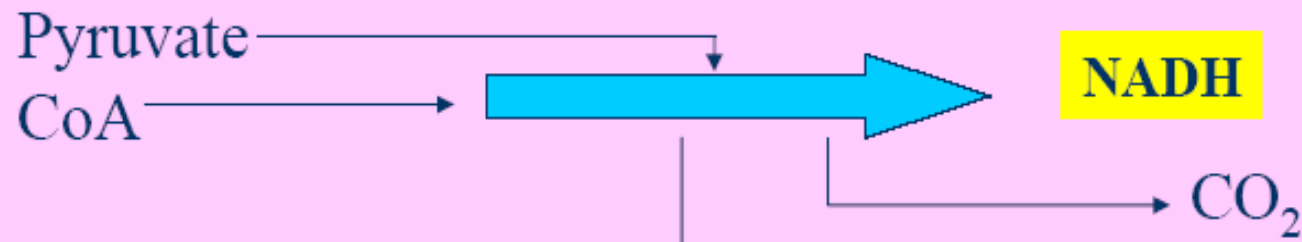


Net



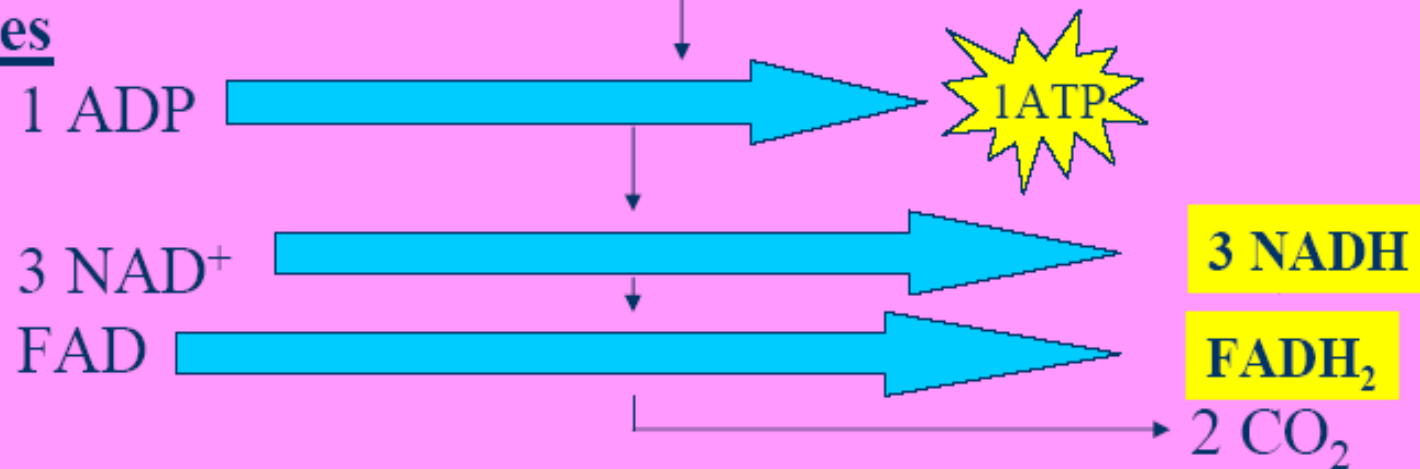
Set up for Citric Acid Cycle

2 Pyruvic acid preparations



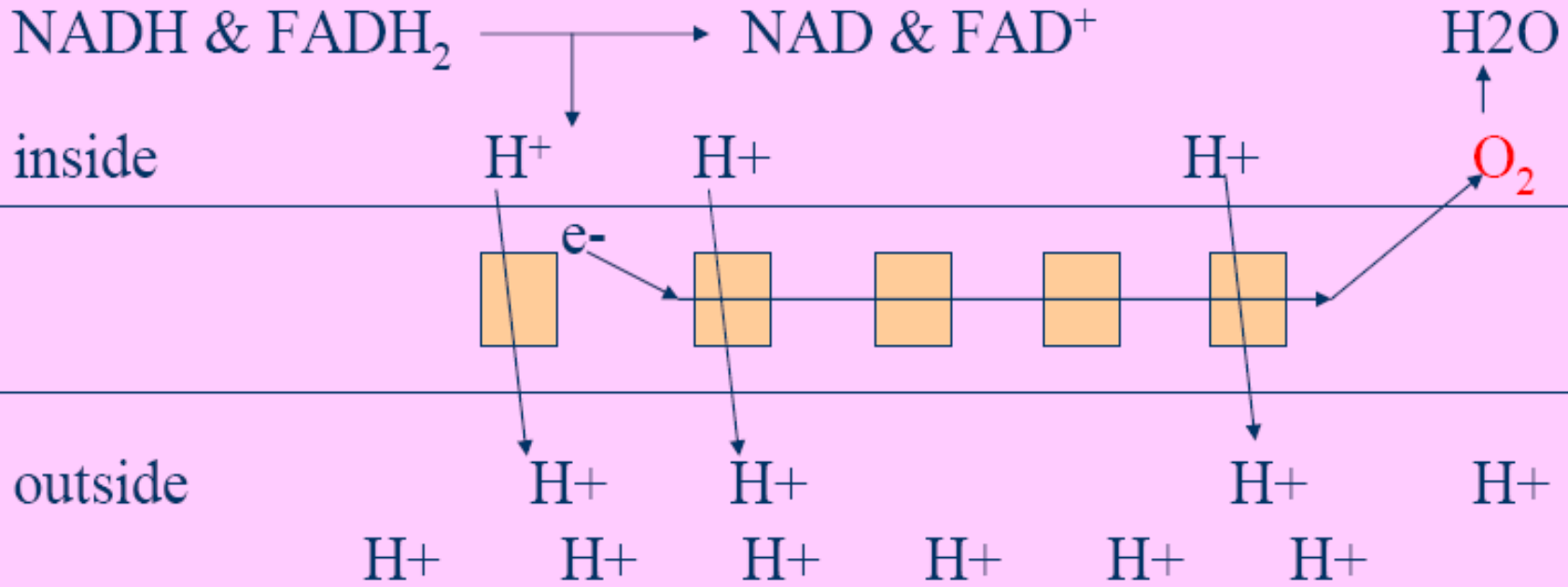
Citric Acid Cycle

2 Cycles

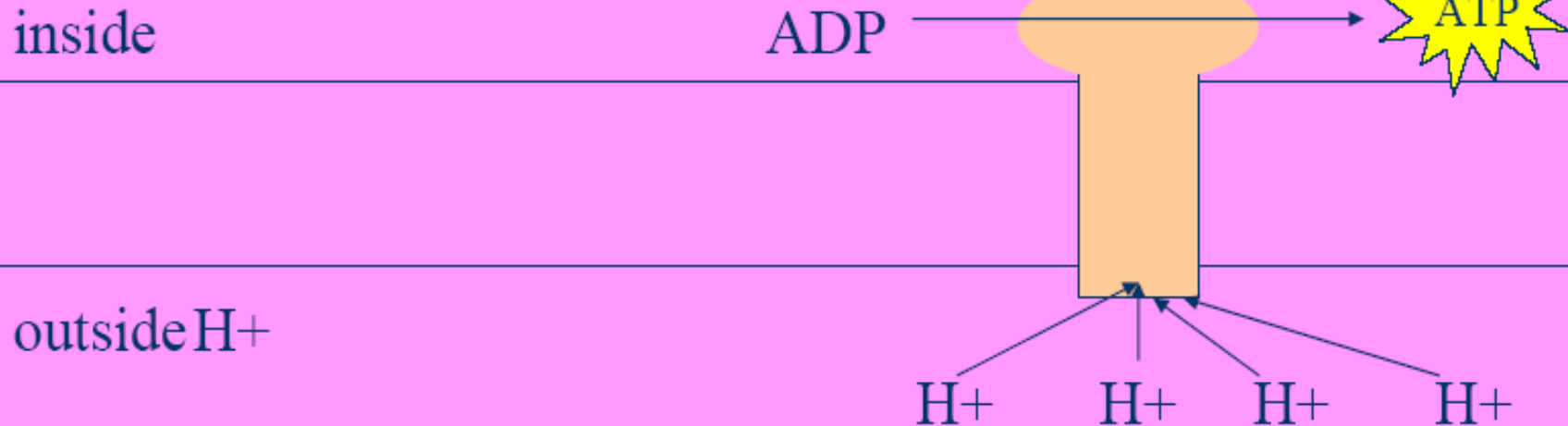


Electron Transport

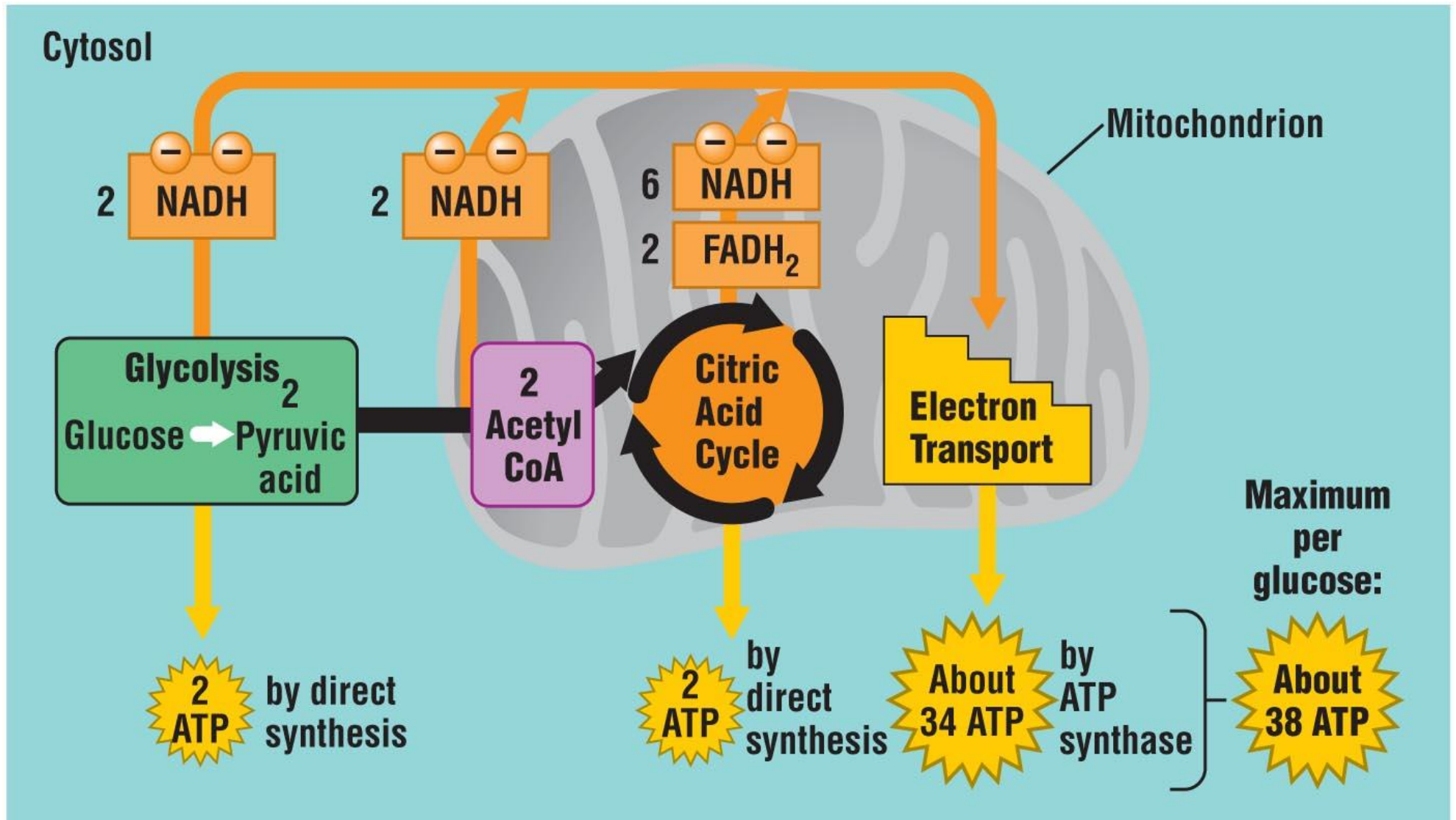
Electron Transport



ATP Synthesis



Energy Output



Light Dependent Reactions

