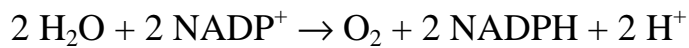
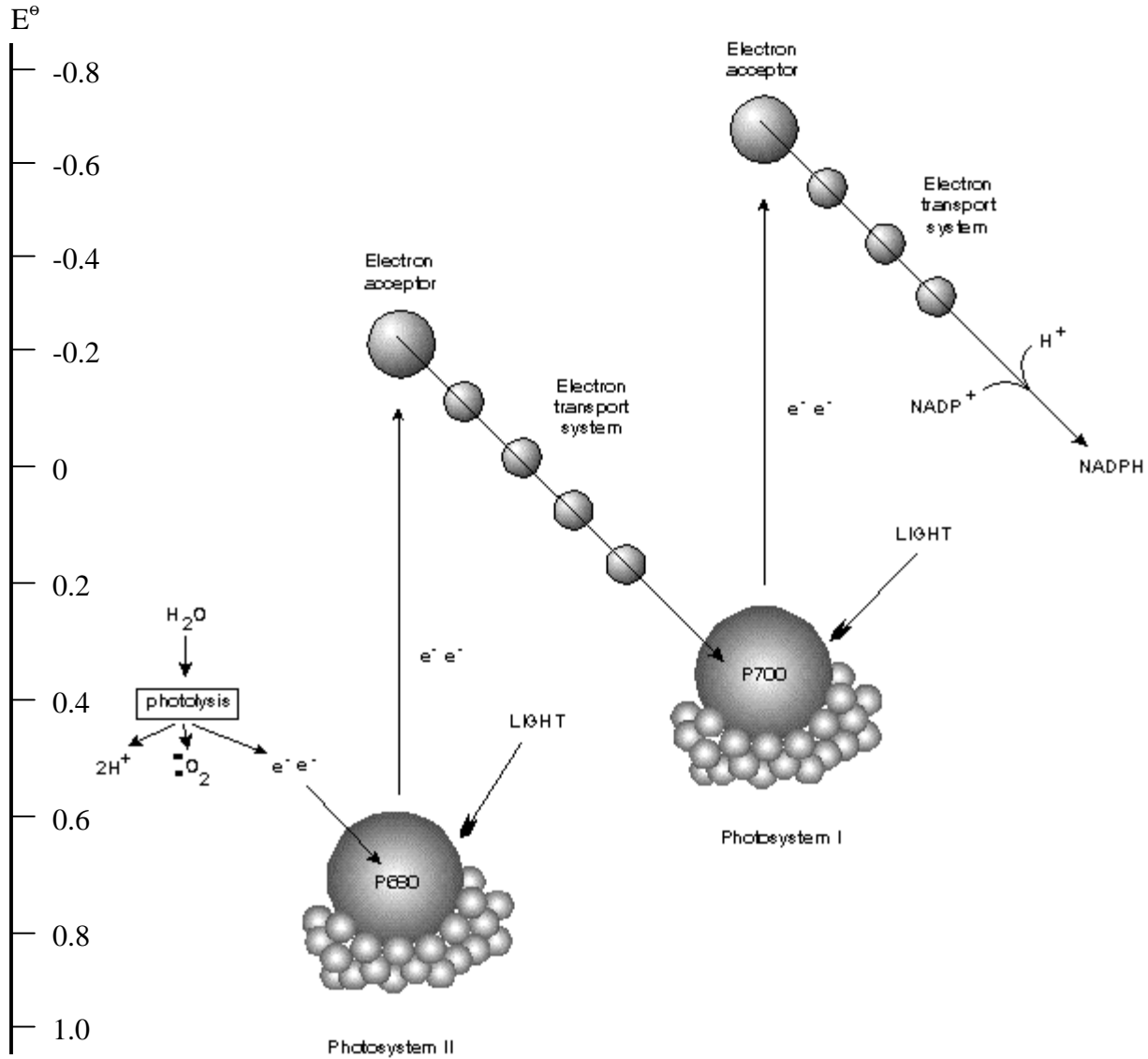
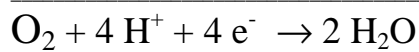
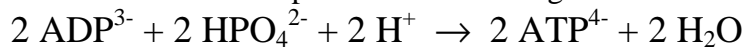


Light Dependent Reactions of Photosynthesis

Thylakoid membrane of the chloroplast
Z-scheme

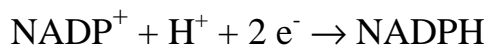


Chloroplast membrane H^+ gradient



$$E^\circ = +1.229 V$$

$$E^{\circ'} = +0.816 V$$



$$E^\circ = -0.105 V$$

$$E^{\circ'} = -0.32 V$$

(Figure from UC Davis)