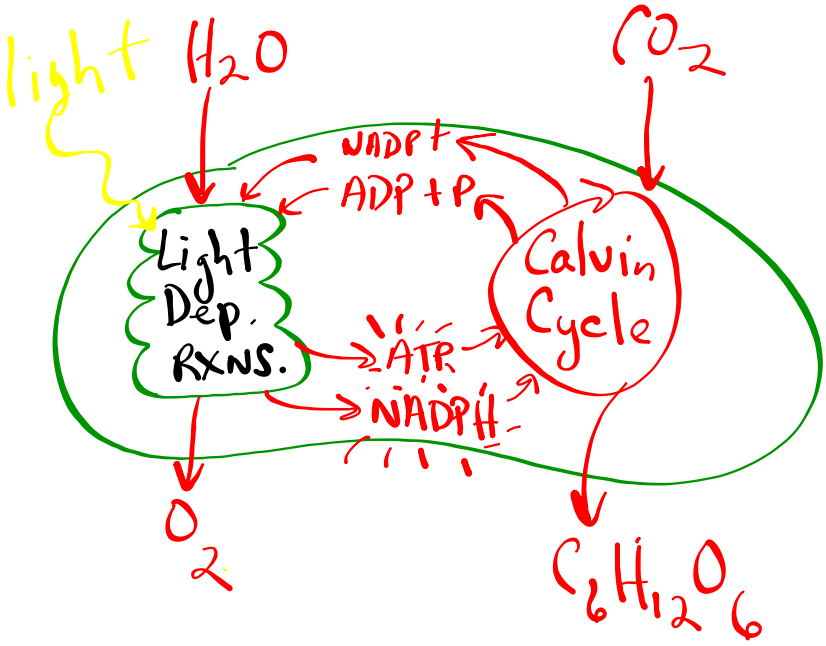
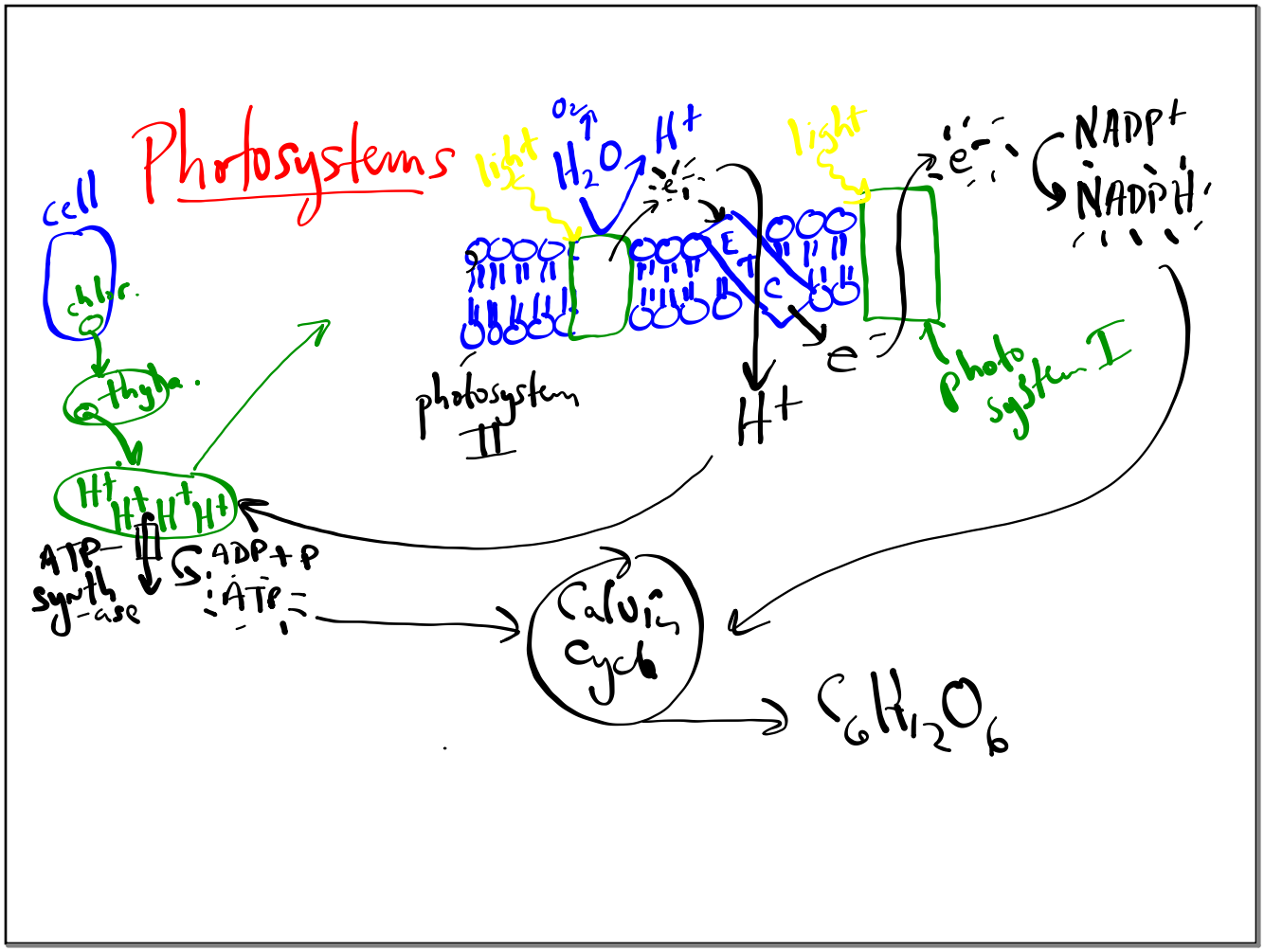
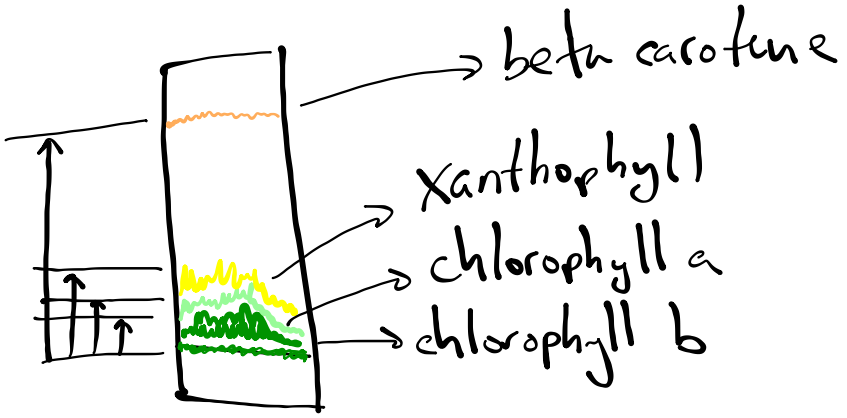

light
H_2O
CO_2
NADP+
ADP + P
Light Dep. RXNS.
Calvin Cycle
ATP
NADPH
O_2
$C_6H_{12}O_6$


Photosystems
cell
chlr.
thyla.
H+ H+ H+ H+
ATP synth-ase
ADP + P
ATP
light
O2
H2O
H+
e-
E
C
e-
H+
photosystem II
light
e-
NADP+
NADPH
photo system I
Calvin cycle
C6H12O6


beta carotene
xanthophyll
chlorophyll a
chlorophyll b