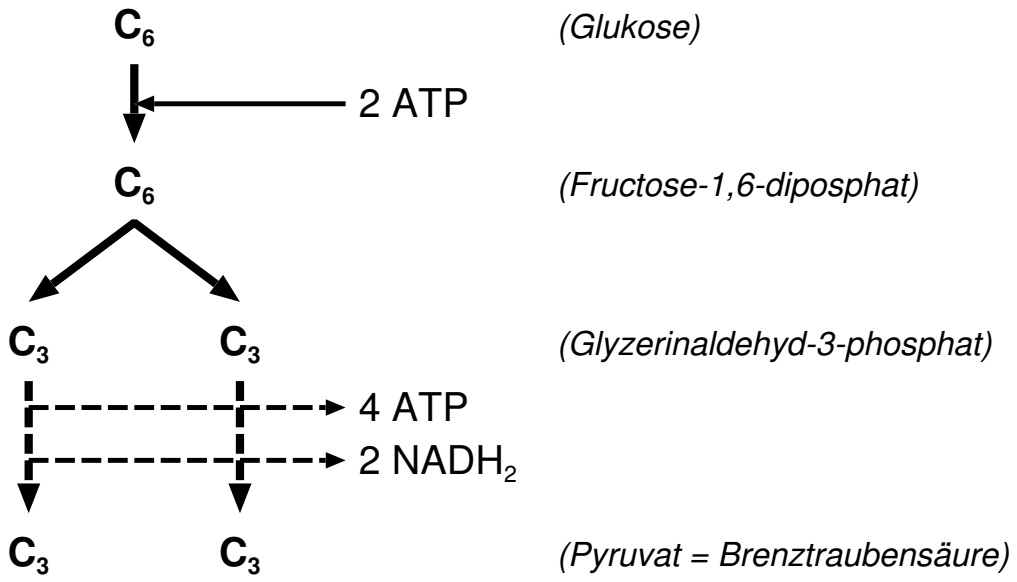
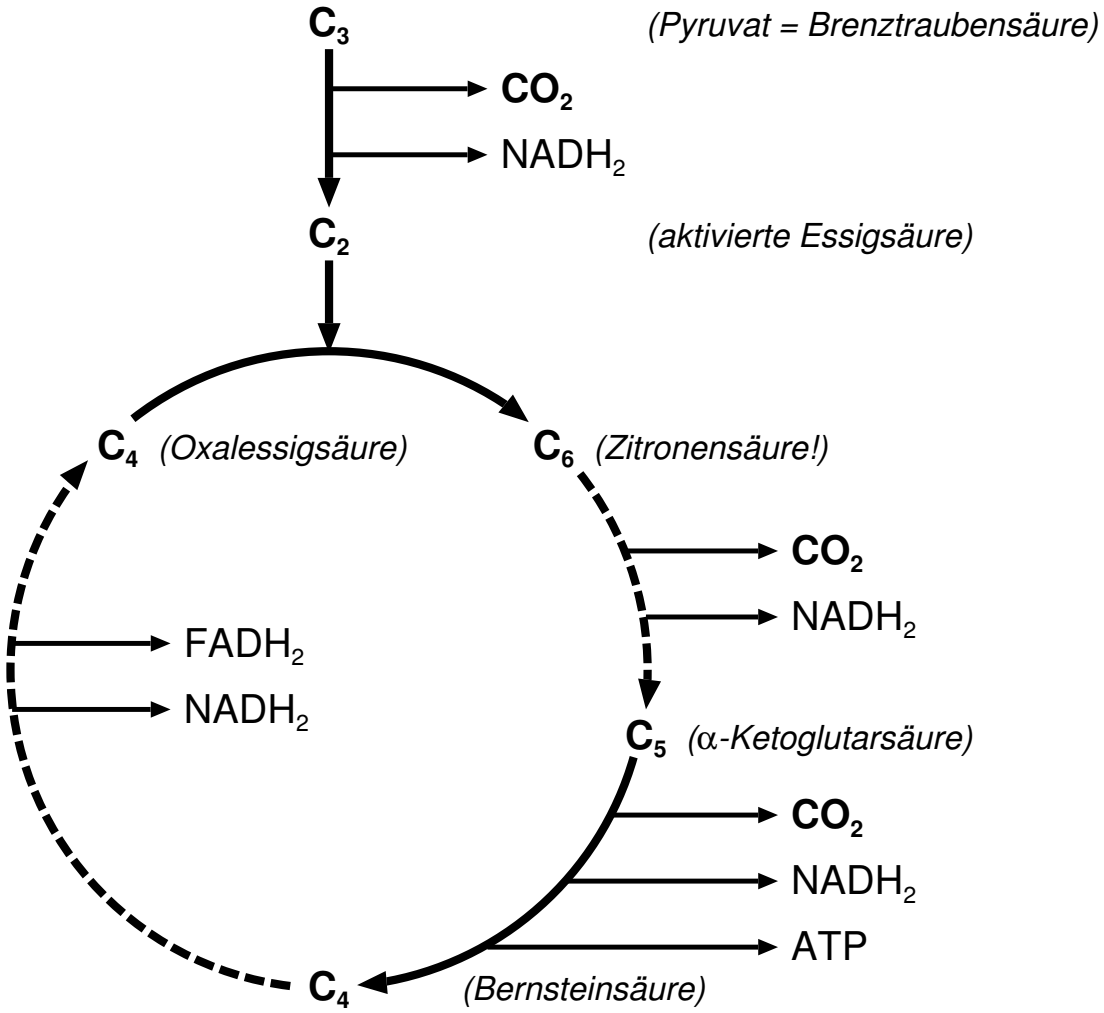
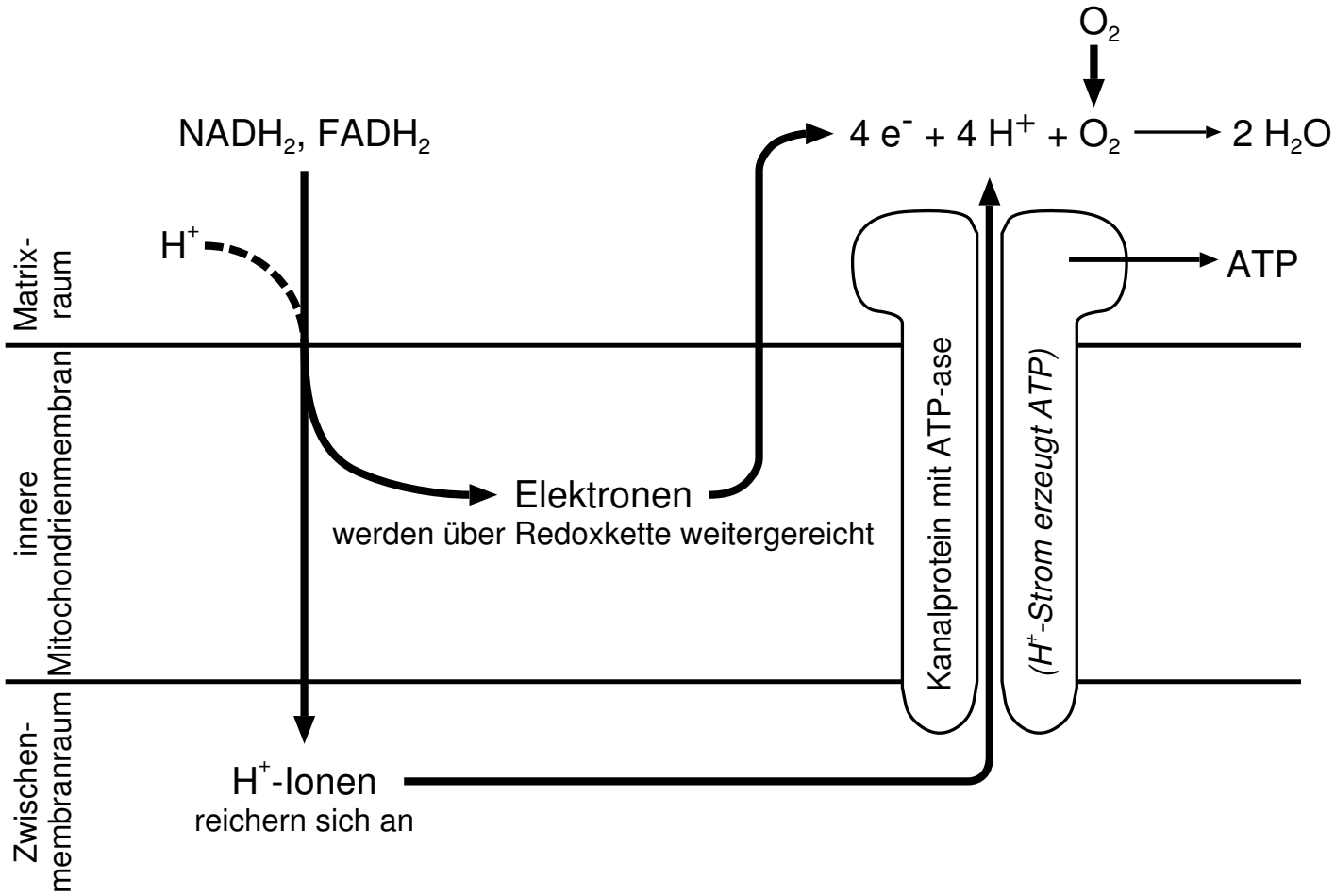
1 Glykolyse



2 Citronensäurezyklus



3 Endoxidation



Bilanz

pro mol Glukose werden dabei gewonnen (Angaben in mol):

	ATP	**$NADH_2$ (= H_2)**	**$FADH_2$ (= H_2)**
Glykolyse	2	2	–
Citronensäurezyklus	2	8	2
Endoxidation (1) aus 10 $NADH_2$	30 *(= 3 ATP pro $NADH_2$)*		
Endoxidation (2) aus 2 $FADH_2$	4 *(= 2 ATP pro $FADH_2$)*		
Summe	**38 mol**	entspricht 2857 kJ	