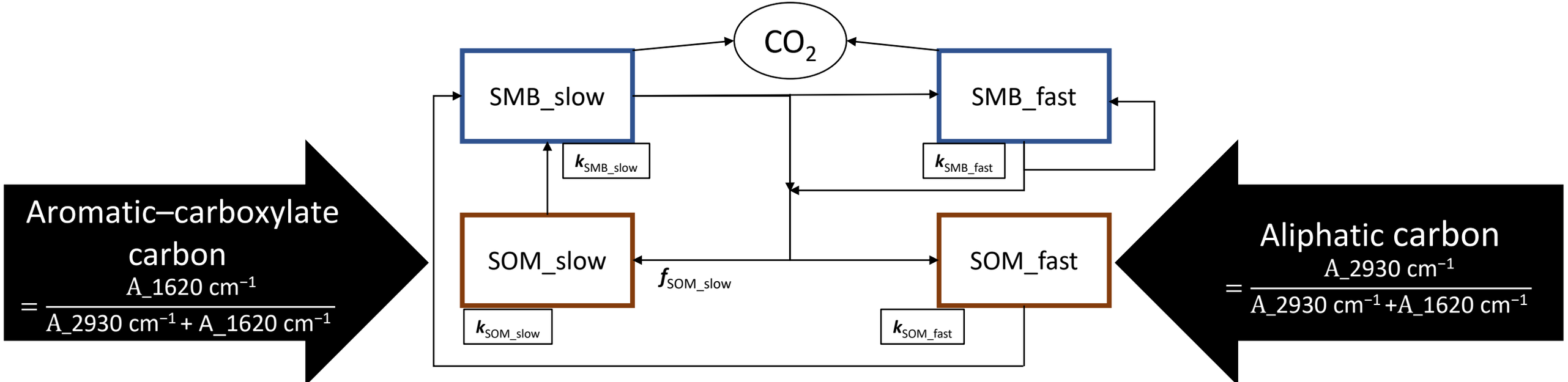
Aromatic–carboxylate carbon
$= \frac{\text{A_1620 cm}^{-1}}{\text{A_2930 cm}^{-1} + \text{A_1620 cm}^{-1}}$
CO_2
SMB_slow
SMB_fast
k_{SMB_slow}
k_{SMB_fast}
SOM_slow
SOM_fast
f_{SOM_slow}
k_{SOM_slow}
k_{SOM_fast}
Aliphatic carbon
$= \frac{\text{A_2930 cm}^{-1}}{\text{A_2930 cm}^{-1} + \text{A_1620 cm}^{-1}}$