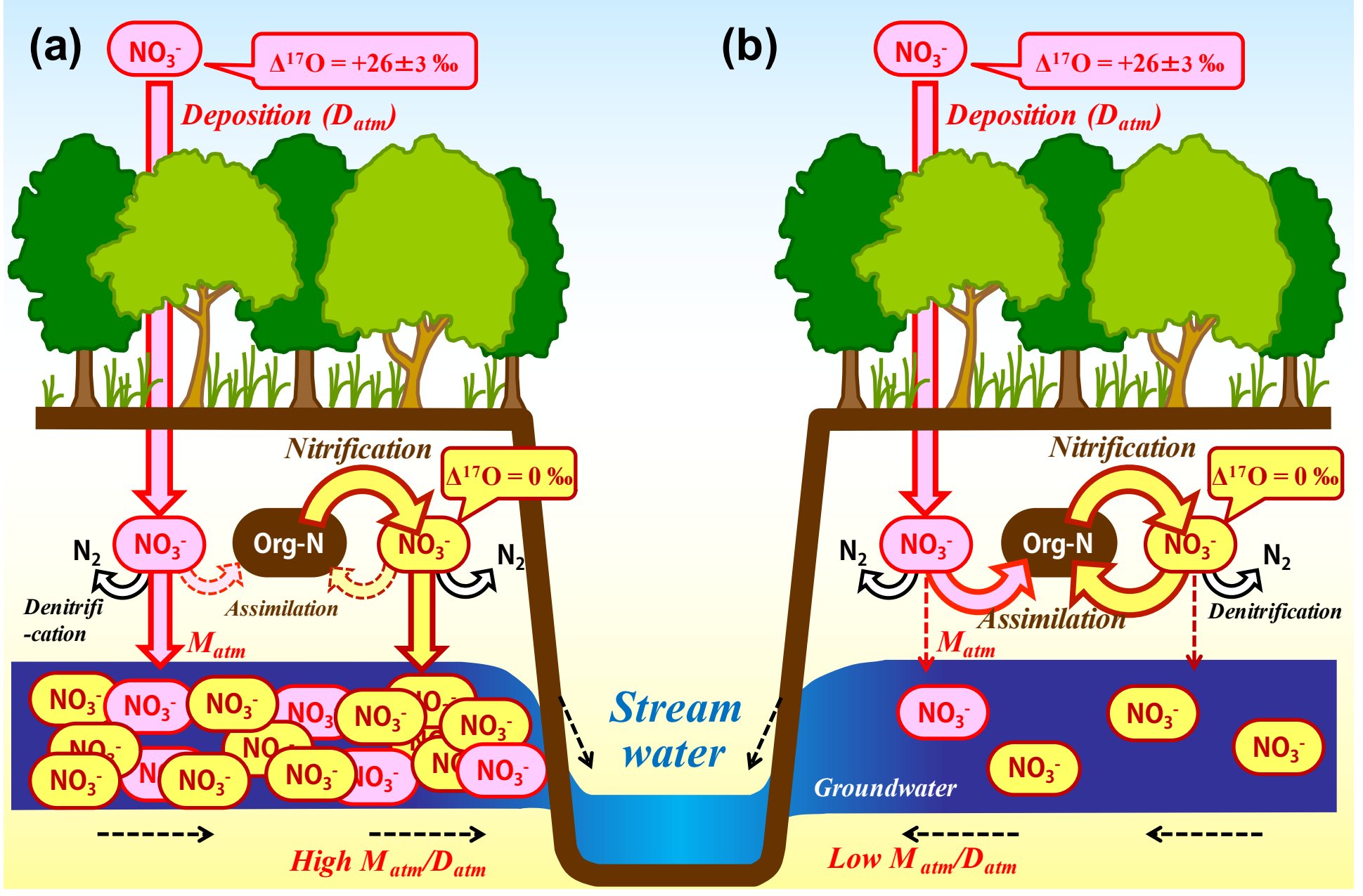
(a)
NO3-
Δ17O = +26±3 ‰
Deposition (Datm)
Nitrification
Δ17O = 0 ‰
N2
NO3-
Org-N
NO3-
N2
Denitrifi
-cation
Assimilation
Matm
NO3-
Stream
water
High Matm/Datm
(b)
NO3-
Δ17O = +26±3 ‰
Deposition (Datm)
Nitrification
Δ17O = 0 ‰
N2
NO3-
Org-N
NO3-
N2
Assimilation
Denitrification
Matm
NO3-
Groundwater
Low Matm/Datm