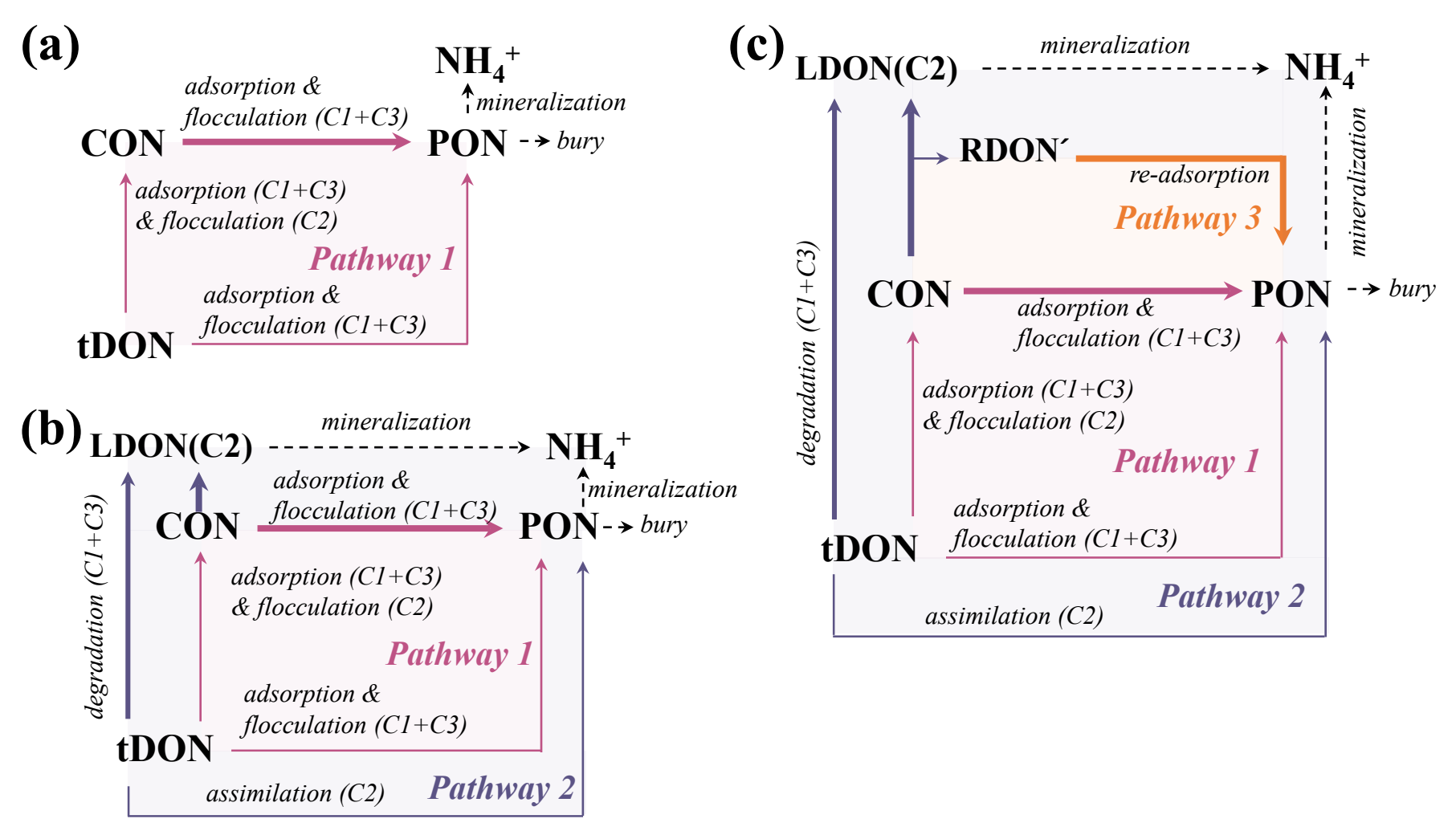
(a)
NH4+
adsorption &
flocculation (C1+C3)
mineralization
CON
PON
bury
adsorption (C1+C3)
& flocculation (C2)
Pathway 1
adsorption &
flocculation (C1+C3)
tDON
(b)
LDON(C2)
mineralization
NH4+
adsorption &
flocculation (C1+C3)
mineralization
CON
PON
bury
degradation (C1+C3)
adsorption (C1+C3)
& flocculation (C2)
Pathway 1
adsorption &
flocculation (C1+C3)
tDON
assimilation (C2)
Pathway 2
(c)
LDON(C2)
mineralization
NH4+
RDON´
re-adsorption
Pathway 3
mineralization
CON
PON
bury
adsorption &
flocculation (C1+C3)
degradation (C1+C3)
adsorption (C1+C3)
& flocculation (C2)
Pathway 1
adsorption &
flocculation (C1+C3)
tDON
Pathway 2
assimilation (C2)