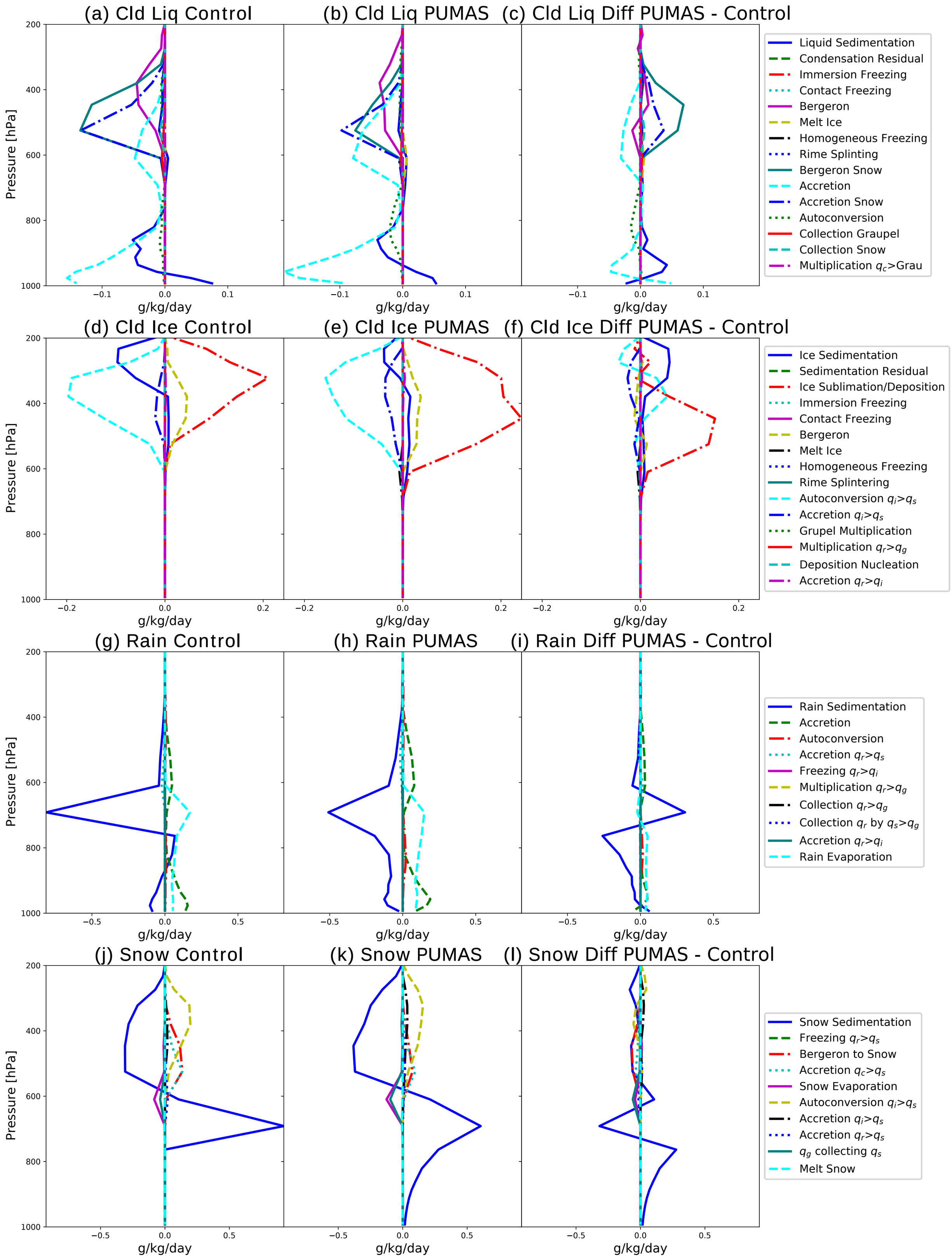
(a) Cld Liq Control
(b) Cld Liq PUMAS
(c) Cld Liq Diff PUMAS - Control
Pressure [hPa]
g/kg/day
Liquid Sedimentation
Condensation Residual
Immersion Freezing
Contact Freezing
Bergeron
Melt Ice
Homogeneous Freezing
Rime Splinting
Bergeron Snow
Accretion
Accretion Snow
Autoconversion
Collection Graupel
Collection Snow
Multiplication q_c>Grau
(d) Cld Ice Control
(e) Cld Ice PUMAS
(f) Cld Ice Diff PUMAS - Control
Ice Sedimentation
Sedimentation Residual
Ice Sublimation/Deposition
Immersion Freezing
Contact Freezing
Bergeron
Melt Ice
Homogeneous Freezing
Rime Splintering
Autoconversion q_i>q_s
Accretion q_i>q_s
Grupel Multiplication
Multiplication q_r>q_g
Deposition Nucleation
Accretion q_r>q_i
(g) Rain Control
(h) Rain PUMAS
(i) Rain Diff PUMAS - Control
Rain Sedimentation
Accretion
Autoconversion
Accretion q_r>q_s
Freezing q_r>q_i
Multiplication q_r>q_g
Collection q_r>q_g
Collection q_r by q_s>q_g
Accretion q_r>q_i
Rain Evaporation
(j) Snow Control
(k) Snow PUMAS
(l) Snow Diff PUMAS - Control
Snow Sedimentation
Freezing q_r>q_s
Bergeron to Snow
Accretion q_c>q_s
Snow Evaporation
Autoconversion q_i>q_s
Accretion q_i>q_s
Accretion q_r>q_s
q_g collecting q_s
Melt Snow