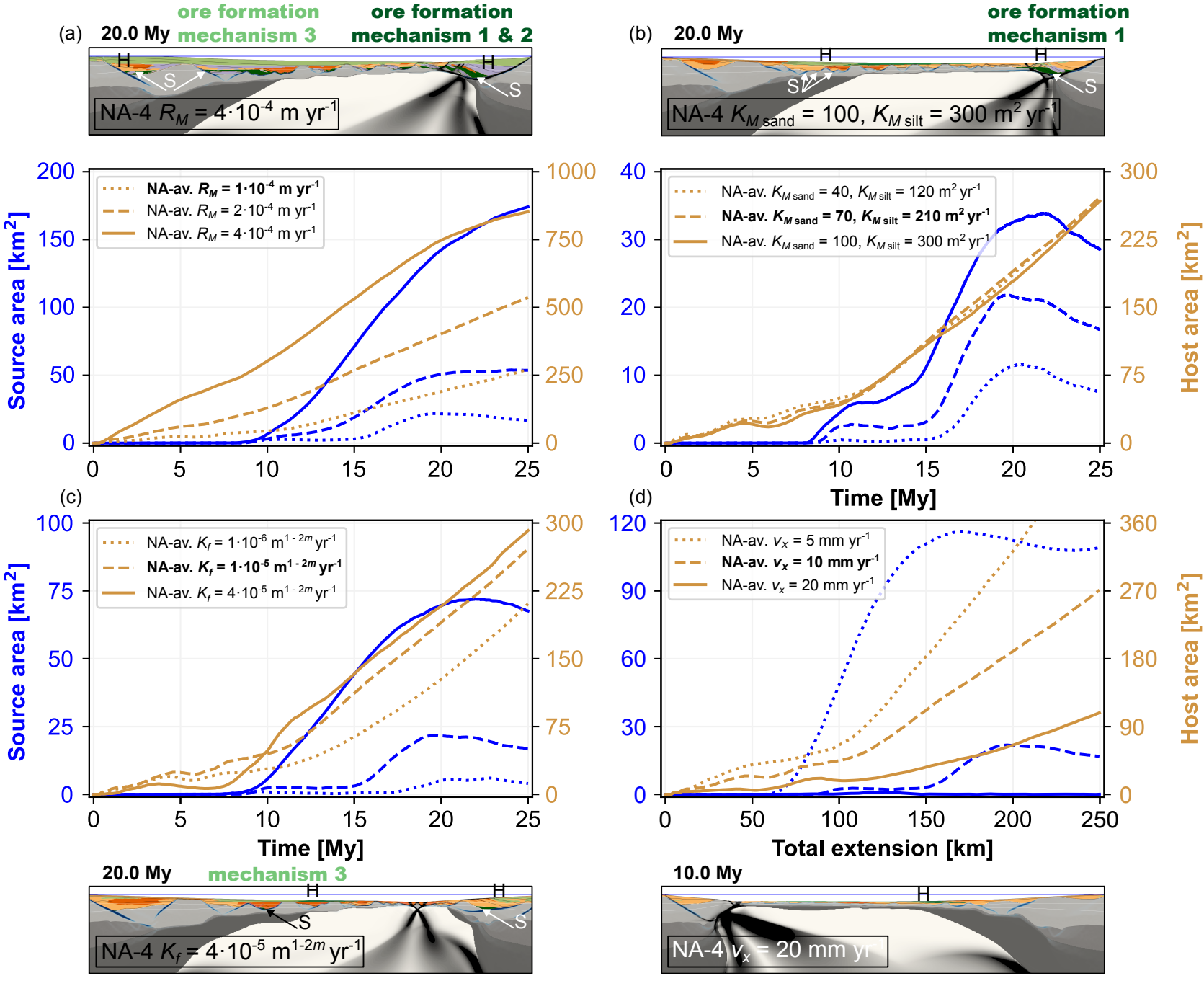
(a)
20.0 My
ore formation mechanism 3
ore formation mechanism 1 & 2
H
S
NA-4 R_M = 4·10^{-4} m yr^{-1}
(b)
20.0 My
ore formation mechanism 1
NA-4 $K_{M\,sand}$ = 100, $K_{M\,silt}$ = 300 m^2 yr^{-1}
NA-av. R_M = 1·10^{-4} m yr^{-1}
NA-av. R_M = 2·10^{-4} m yr^{-1}
NA-av. R_M = 4·10^{-4} m yr^{-1}
NA-av. $K_{M\,sand}$ = 40, $K_{M\,silt}$ = 120 m^2 yr^{-1}
NA-av. $K_{M\,sand}$ = 70, $K_{M\,silt}$ = 210 m^2 yr^{-1}
NA-av. $K_{M\,sand}$ = 100, $K_{M\,silt}$ = 300 m^2 yr^{-1}
Source area [km^2]
Host area [km^2]
Time [My]
(c)
(d)
NA-av. K_f = 1·10^{-6} m^{1-2m} yr^{-1}
NA-av. K_f = 1·10^{-5} m^{1-2m} yr^{-1}
NA-av. K_f = 4·10^{-5} m^{1-2m} yr^{-1}
NA-av. v_x = 5 mm yr^{-1}
NA-av. v_x = 10 mm yr^{-1}
NA-av. v_x = 20 mm yr^{-1}
Total extension [km]
20.0 My
mechanism 3
NA-4 K_f = 4·10^{-5} m^{1-2m} yr^{-1}
10.0 My
NA-4 v_x = 20 mm yr^{-1}