



**Fig. 2.26** Velocity-dependence of a phase diagram in which both attachment kinetics and solute trapping have been accounted for.  $\Delta S_f^n = \mathcal{R}$ ,  $m_\ell = -500^\circ\text{C}$ ,  $k_0^n = 0.5$ ,  $\delta_i = 2 \text{ nm}$ ,  $D_\ell = 3 \times 10^{-9} \text{ m}^2 \text{ s}^{-1}$ ,  $v_0 = 1000 \text{ m s}^{-1}$ .

Copyright 2016 EPFL Press. This figure has been reproduced from *Solidification*, by J.A. Dantzig and M. Rappaz, for instructional purposes. For other uses, please contact the authors and the EPFL Press for written permission.