

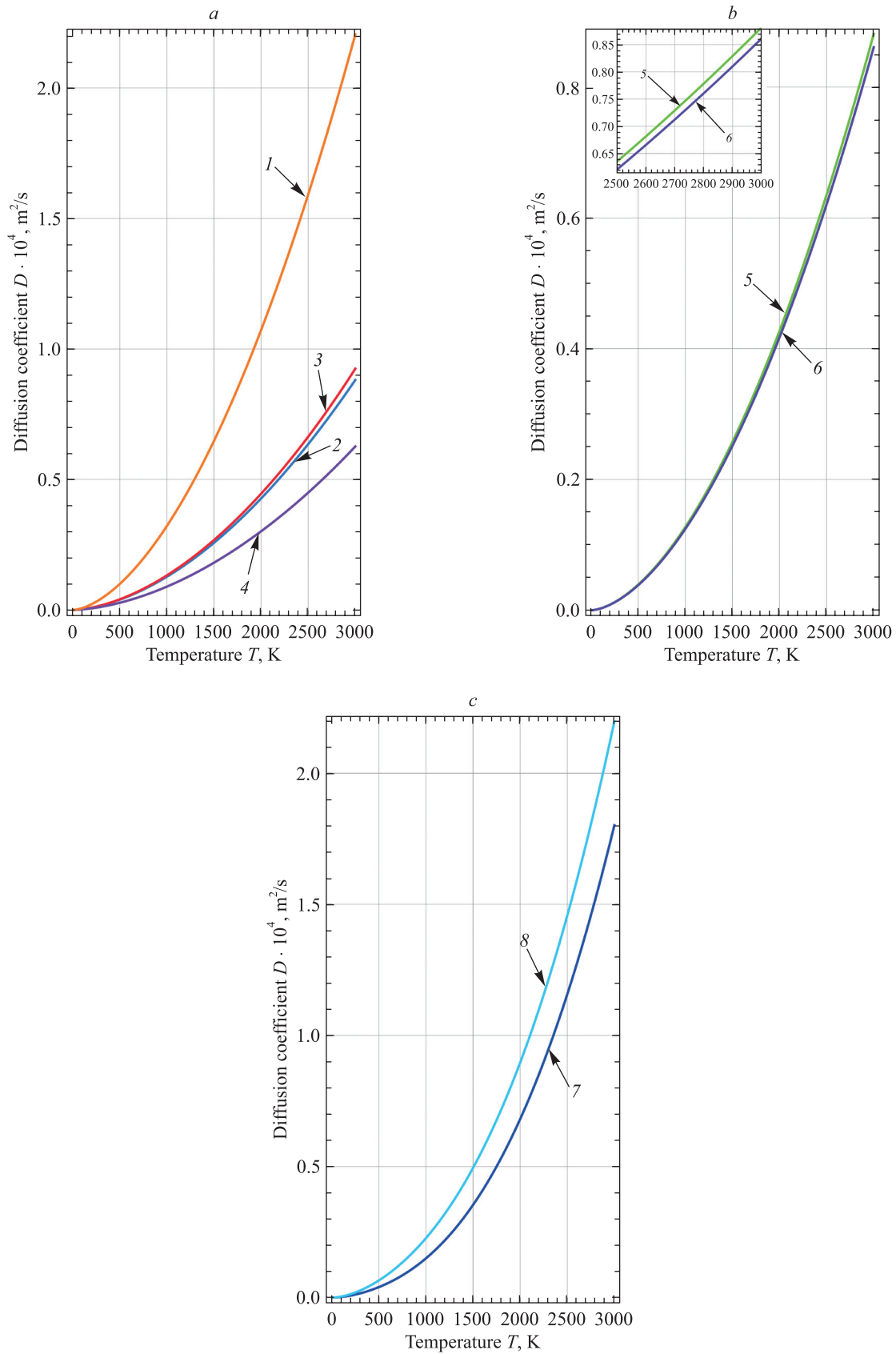


Fig. 7. Predicted diffusion coefficient for the dilute gas media:
 illustration *a* demonstrates $^{226}\text{Ra} - ^{19}\text{F}$ (1), $^{226}\text{Ra} - ^{35}\text{Cl}$ (2), $^{226}\text{Ra} - ^{79}\text{Br}$ (3), $^{226}\text{Ra} - ^{127}\text{I}$ (4);
 illustration *b* presents $^{226}\text{Ra} - ^{35}\text{Cl}$ (5), $^{226}\text{Ra} - ^{37}\text{Cl}$ (6); illustration *c* shows $^{39}\text{K} - ^{85}\text{Rb}$ (7, 8)