Electron Parallel Closures JEONG-YOUNG JI, Utah State University, SANG-KYEUN KIM, Seoul National University, ERIC HELD, Utah State University, YONG-SU NA, Seoul National University — Electron parallel closures for ion charge number $Z = 1$ are extended for $Z > 1$. Adopting the same form as the $Z = 1$ kernels, parameters are computed for various $Z$. The parameters are smoothly varying in $Z$ and hence can be used to interpolate parameters and closures for noninteger, effective ion charge numbers. Electron parallel closures for $Z = 1.8$ and 2.5 are presented as examples.