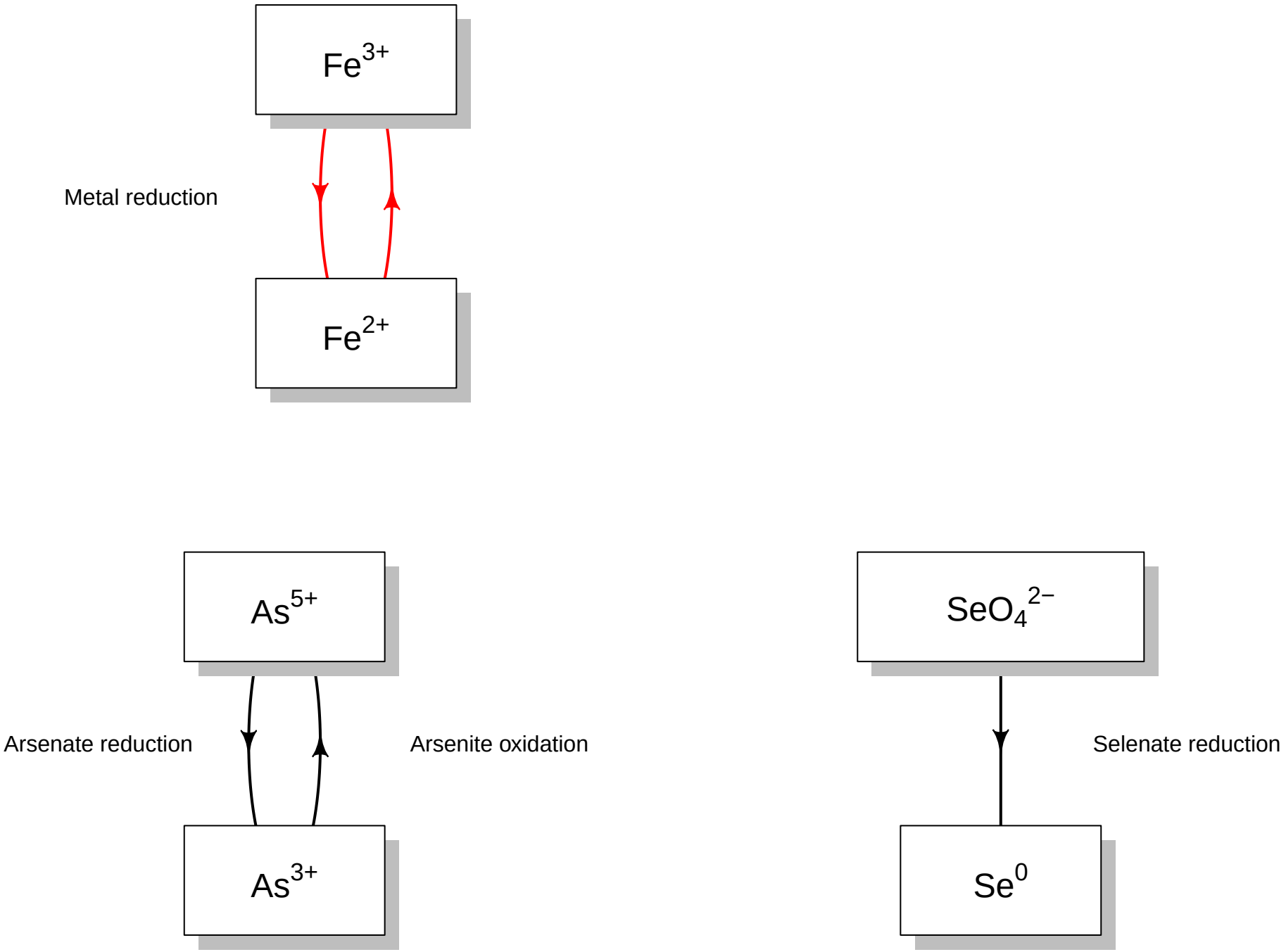Other cycles DeMMO5_53