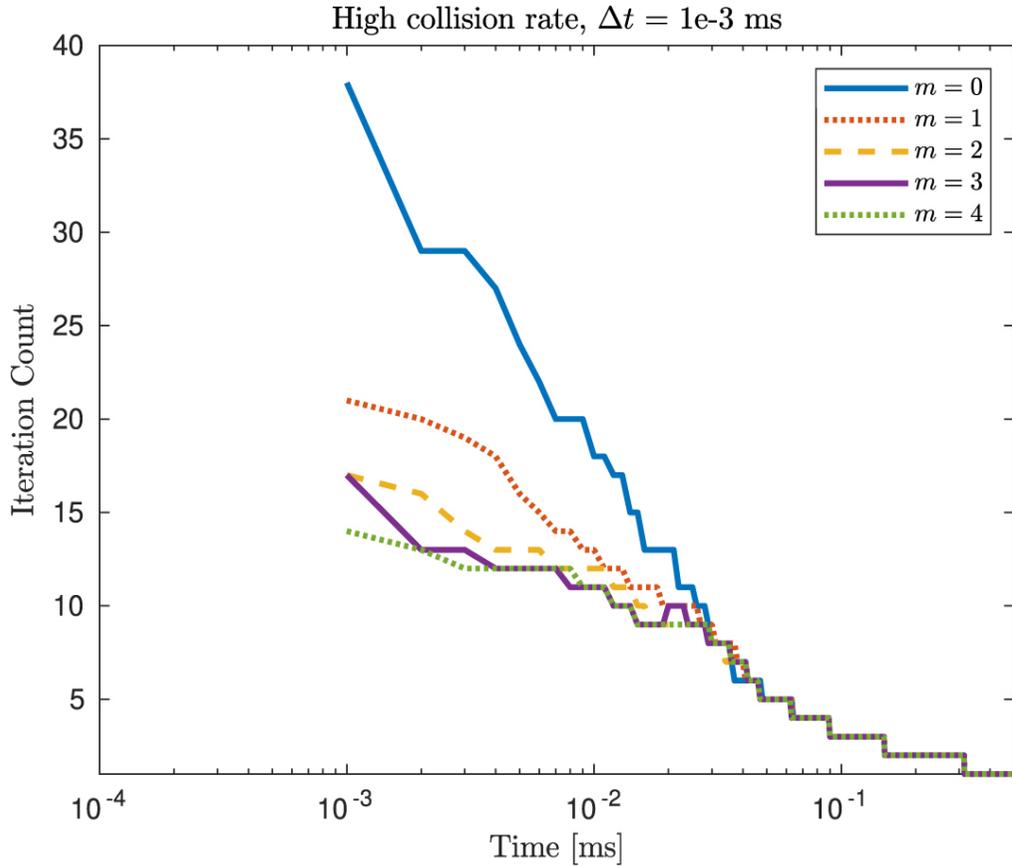


Figure 7. from A DG-IMEX Method for Two-moment Neutrino Transport: Nonlinear Solvers for Neutrino–Matter Coupling

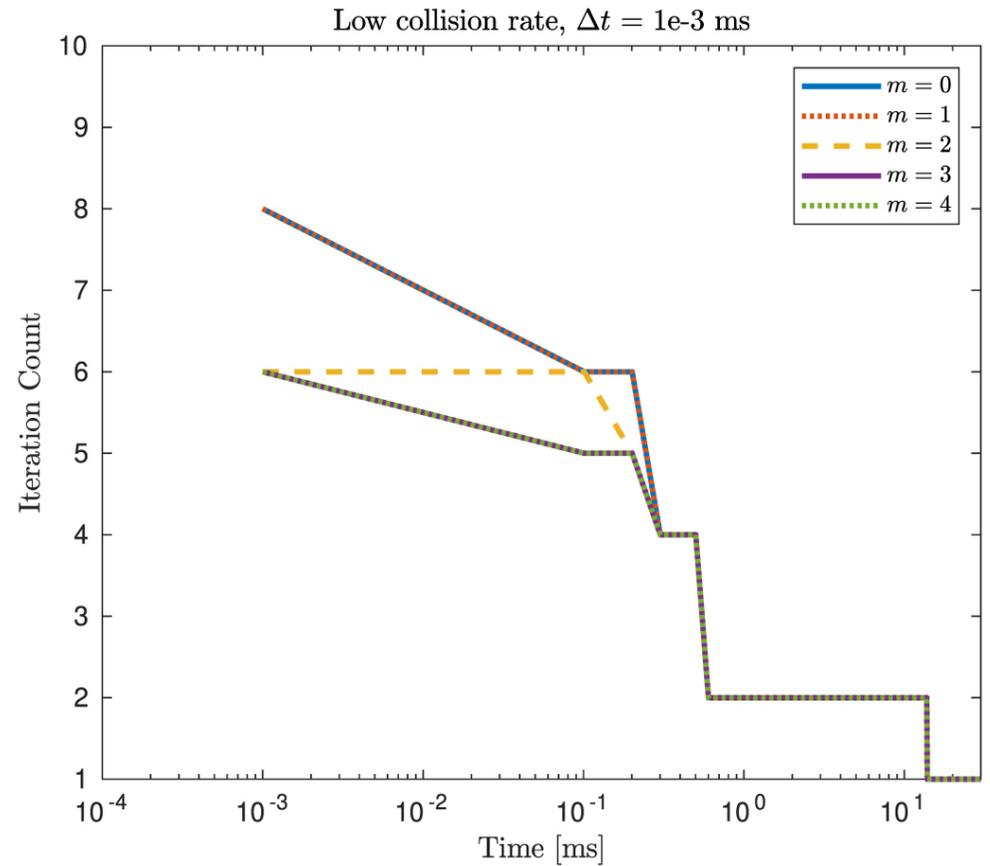
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(a) High collision rate,  $\rho = 1.084 \times 10^{14} \text{ g cm}^{-3}$ ,  $T = 1.845 \times 10^{11} \text{ K}$ ,  $Y_e = 0.2728$



(b) Low collision rate,  $\rho = 1.032 \times 10^{12} \text{ g cm}^{-3}$ ,  $T = 8.806 \times 10^{10} \text{ K}$ ,  $Y_e = 0.1347$