Mean Square Displacement for type 1 particle at each temperature  $10^{1}$ 10<sup>0</sup> log of MSD (A.U.) T = 1.5T = 1.0 $10^{-1}$ T = 0.9T = 0.8T = 0.7 $10^{-2}$ T = 0.65T = 0.6T = 0.55T = 0.5 $10^{-3}$ T = 0.475T = 0.4510<sup>2</sup> 10<sup>3</sup>  $10^{6}$ 10<sup>7</sup>  $10^{4}$  $10^{5}$ log of  $\tau(A.U.)$