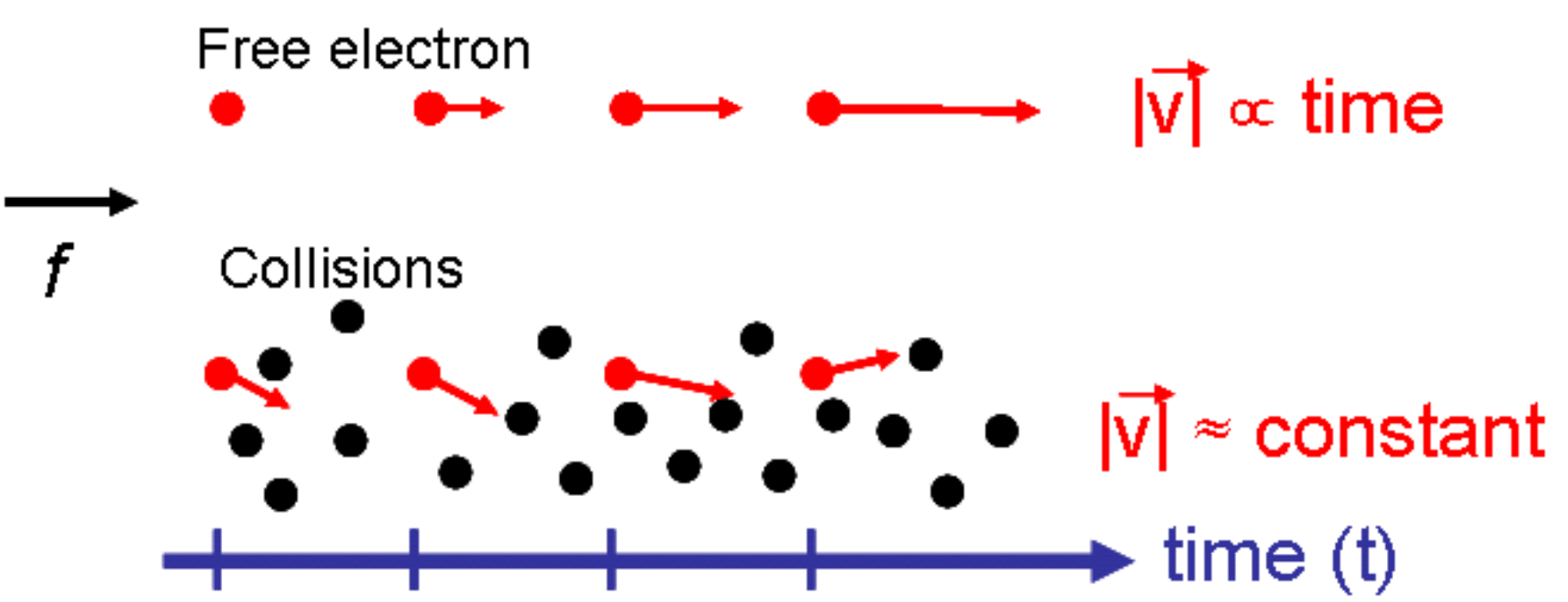
Free electron
|v| ∝ time
f
Collisions
|v| ≈ constant
time (t)