

```

% ===== Dados de Velocidade =====
r_Exp = [0; 0.01; 0.02; 0.03; 0.04; 0.05; ...
         0.06; 0.07; 0.08; 0.09; 0.1; 0.11; ...
         0.12; 0.13; 0.14; 0.15; 0.16; 0.17; 0.18];
Vphi_Exp = 1000*[21.03307; 24.12041; 25.06326; 27.04137; 25.96912;
24.15739; ...
20.05325; 18.62974; 13.1021; 12.529; 10.99457; 8.12907; 8.07361; ...
8.0921; 2.9342; -4.0909; 1.99135; 2.89722; 1.10397];
Vphi_Exp_err = 1000*[0.94284; 1.81174; 0.90586; 2.01510; 1.44200;
2.34786; ...
1.81174; 1.42351; 1.79325; 1.42351; 0.53613; 1.23864; 0.88738; ...
0.88738; 3.08734; 1.99660; 4.58480; 3.49406; 3.38314];

% ===== Dados de Temperatura =====
r_data = [0.1021, 4.5631, 6.6125, 10, 12, 14, 16, 17] / 100; % Normalizado
Ti_reconstructed = [269.9322956, 212.6290401, 154.5794833, ...
94.59042348, 72.86028761, 58.16568356, 30.5396089, 32]; % [eV]
Ti_data_err = 2*[12.5423, 8.897, 9.7002, 16, 15, 13, 10, 11]; % [eV]

```