

% ===== 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*[24.4725137977004; 22.2933249458424;
27.7477633227796; 28.3528381769705; ...
26.7914997333778; 23.9869603399434; 23.2054190968172;
20.1271607565406; 15.2873934010998; ...
13.5635596067322; 19.7612327778703; 11.8672977337111;
10.0274935344109; 9.43067328778536; ...
5.38442804532578; 4.05157360439927; 2.86383549408432;
5.69381899683387; 3.13396892184636];

Vphi_Exp_err = 6000*[0.327194612148128; 0.265319259120311;
0.286218618799966; 0.293147132923043; ...
0.235124434104542; 0.286432969012009; 0.311057539164686;
0.327391722191429; 0.281238490292499; ...
0.357508790498711; 0.31243898558779; 0.367491512346237;
0.299675091663613; 0.303534307910654; ...
0.41827828977024; 0.428633858972861; 0.41408416492133;
0.432610770835703; 0.411739577618969];

% ===== 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]