Presented dataset contains 8 rows.

First 4 rows correspond to pre-collision values of: aiming distance b (in Angstroms), energy of relative translational motion of the colliding pair E_{tr}/k_B (in Kelvins), rotational energy of first $E_{rot,1}/k_B$ (in Kelvins) and second $E_{rot,2}/k_B$ (in Kelvins) molecule. Here k_B is the Boltzmann constant.

Rows 5-7 correspond to energies after collision (denoted with stroke): E'_{tr}/k_B, $E'_{rot,1}/k_B, E'_{rot,2}/k_B$ (these values are also presented in Kelvins).

Row 8 corresponds to the value of scattering angle χ (in degrees) after collision.