### Landolt-Börnstein

# **Group I: Elementary Particles, Nuclei and Atoms**

#### Volume 5

### **Q-Values and Excitation Functions of Nuclear Reactions**

#### Subvolume B

## **Excitation Functions for Charged-Particle Induced Nuclear Reactions**

	Introductory material	
1	Q-values for nuclear reactions	
2	Excitation functions for charged-particle induced nuclear reactions	1
2.1	Introduction	1
2.2	Selection criteria	1
2.3	Notation of reaction types	2
2.4	Explanation of the tables	3
2.5	Explanation of the figures	5
2.6	Table of reactions ordered according to target nuclides	7
2.7	Table of reactions ordered according to product nuclides	29
2.8	Table of reactions ordered according to reaction types	50
2.9	Figures	161
2.10	References	482
3	Estimation of unknown excitation functions and thick target yields for p, d, He-3 and alpha reactions	