

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

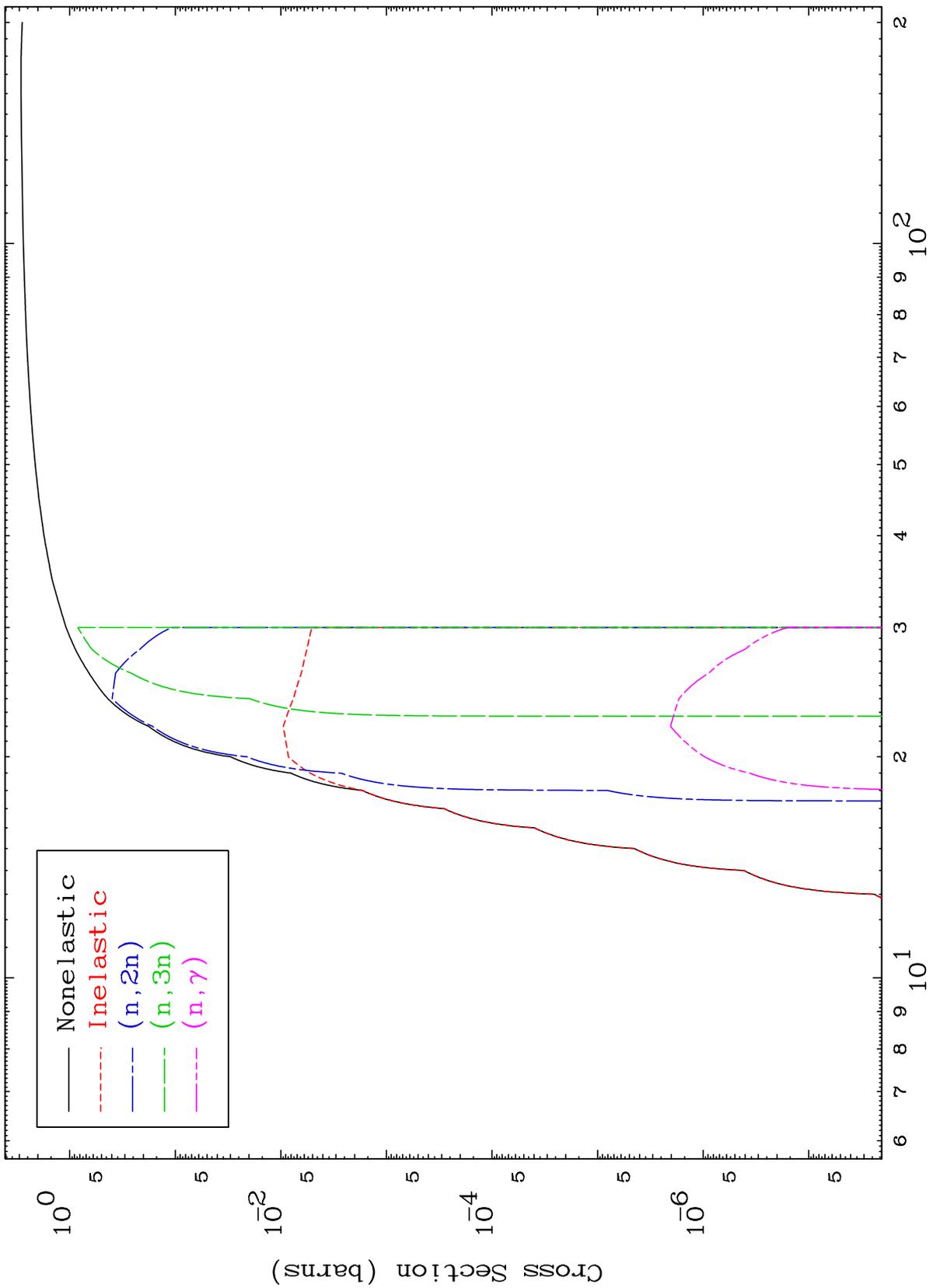
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8570

85-At-218

0 Kelvin α Major Cross Sections



85-At-218

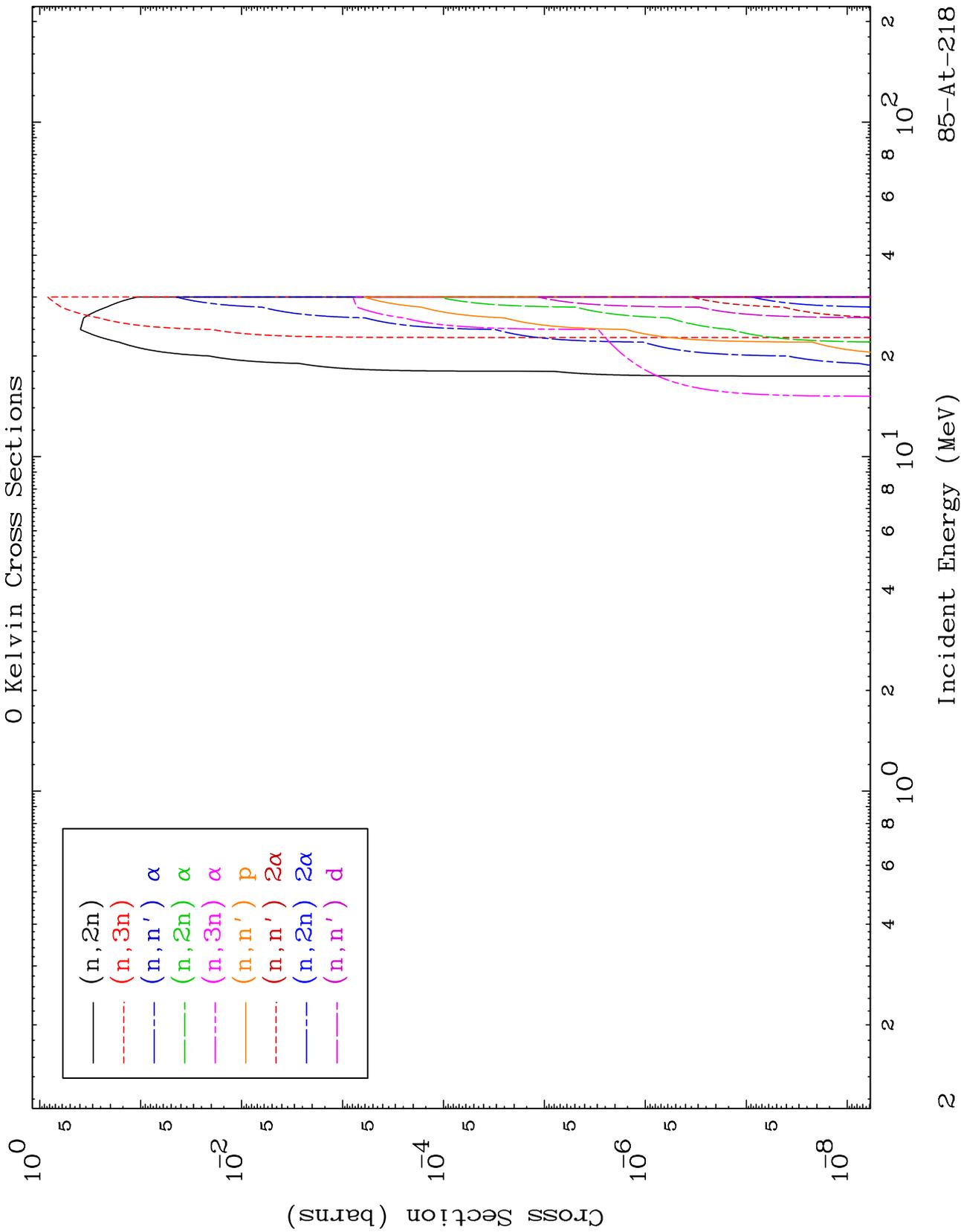
Incident Energy (MeV)

1

MAT 8570

α Neutron Absorption
Kelvin Cross Sections

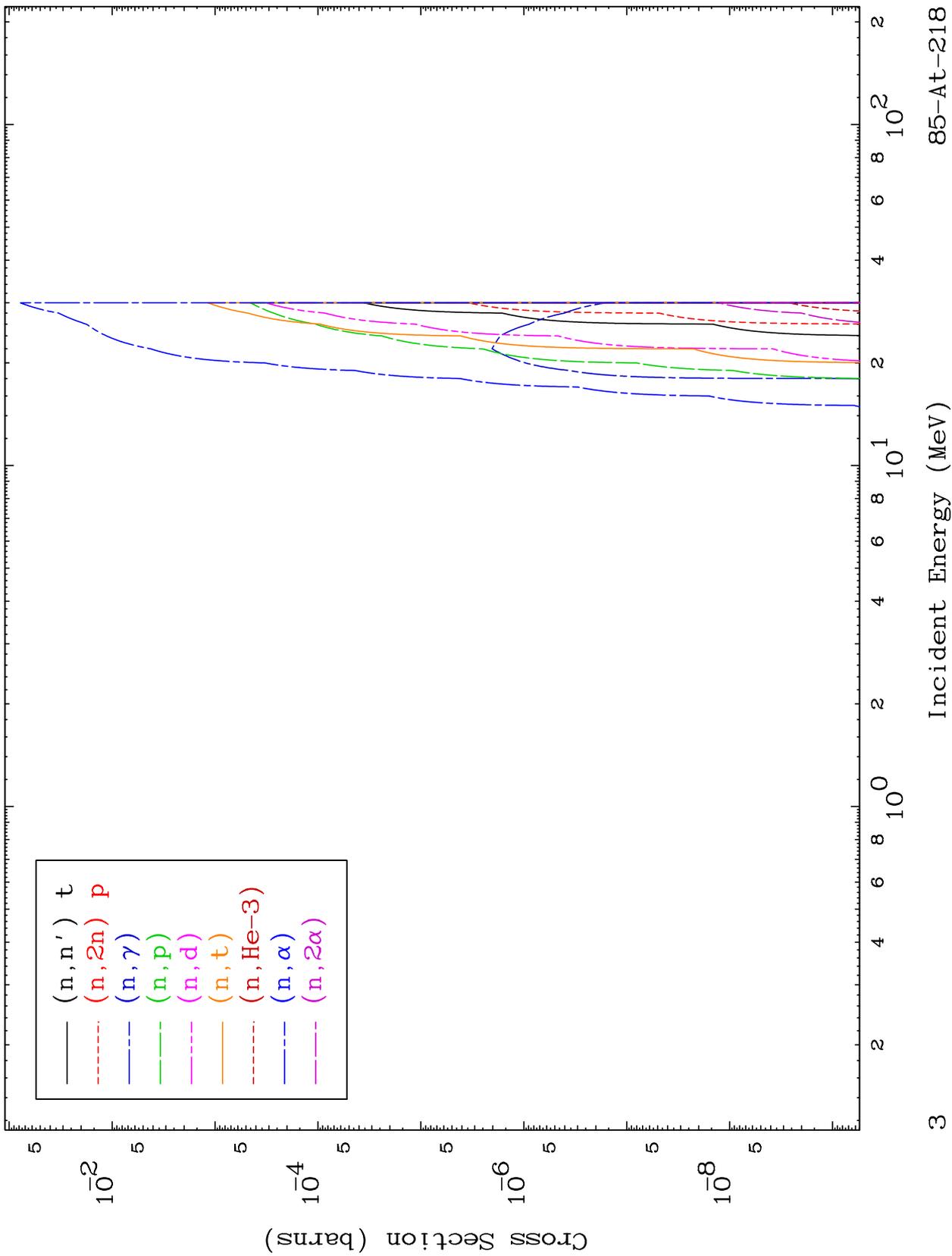
85-At-218



MAT 8570

α Neutron Absorption
0 Kelvin Cross Sections

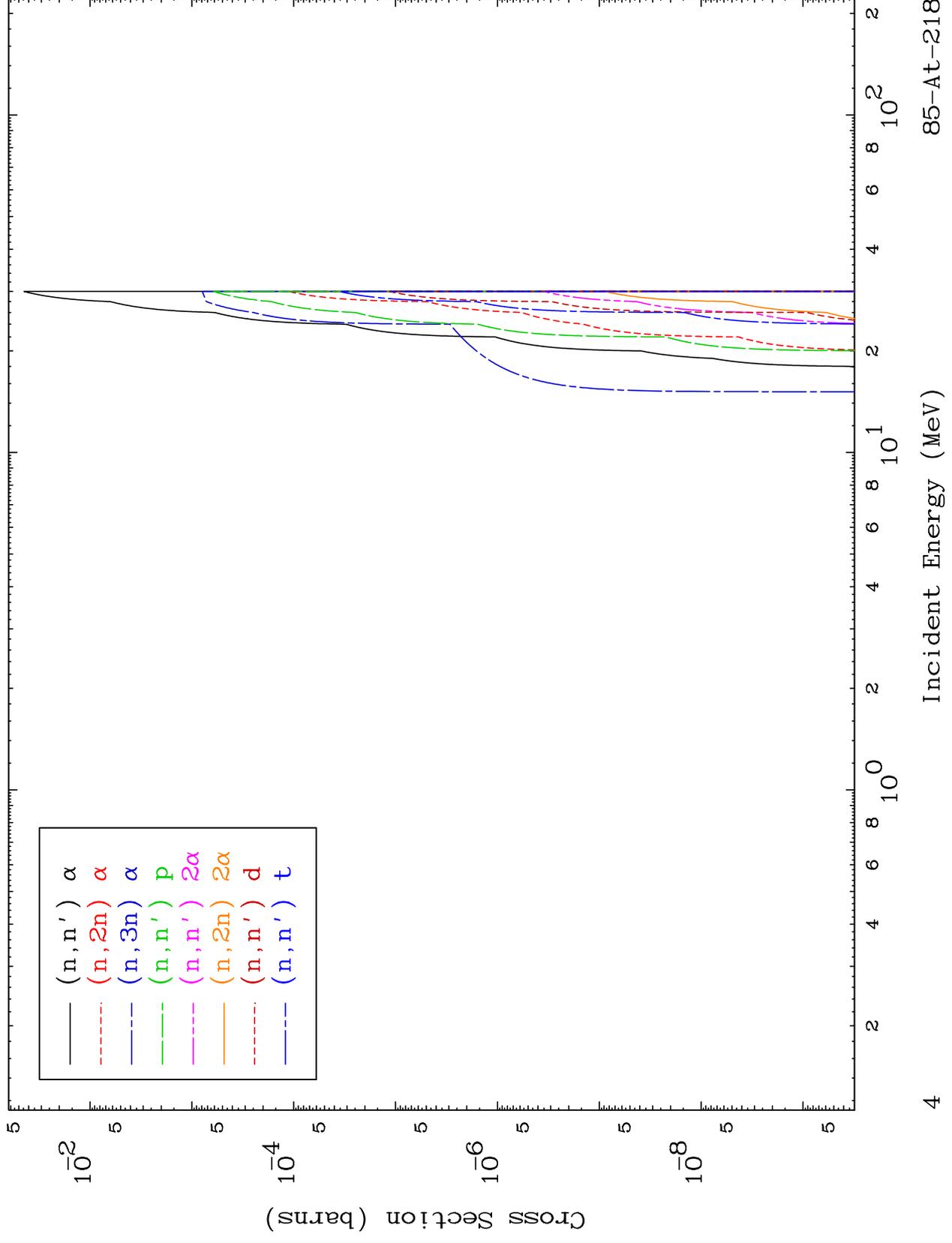
85-At-218



MAT 8570

α Charged Particle
0 Kelvin Cross Sections

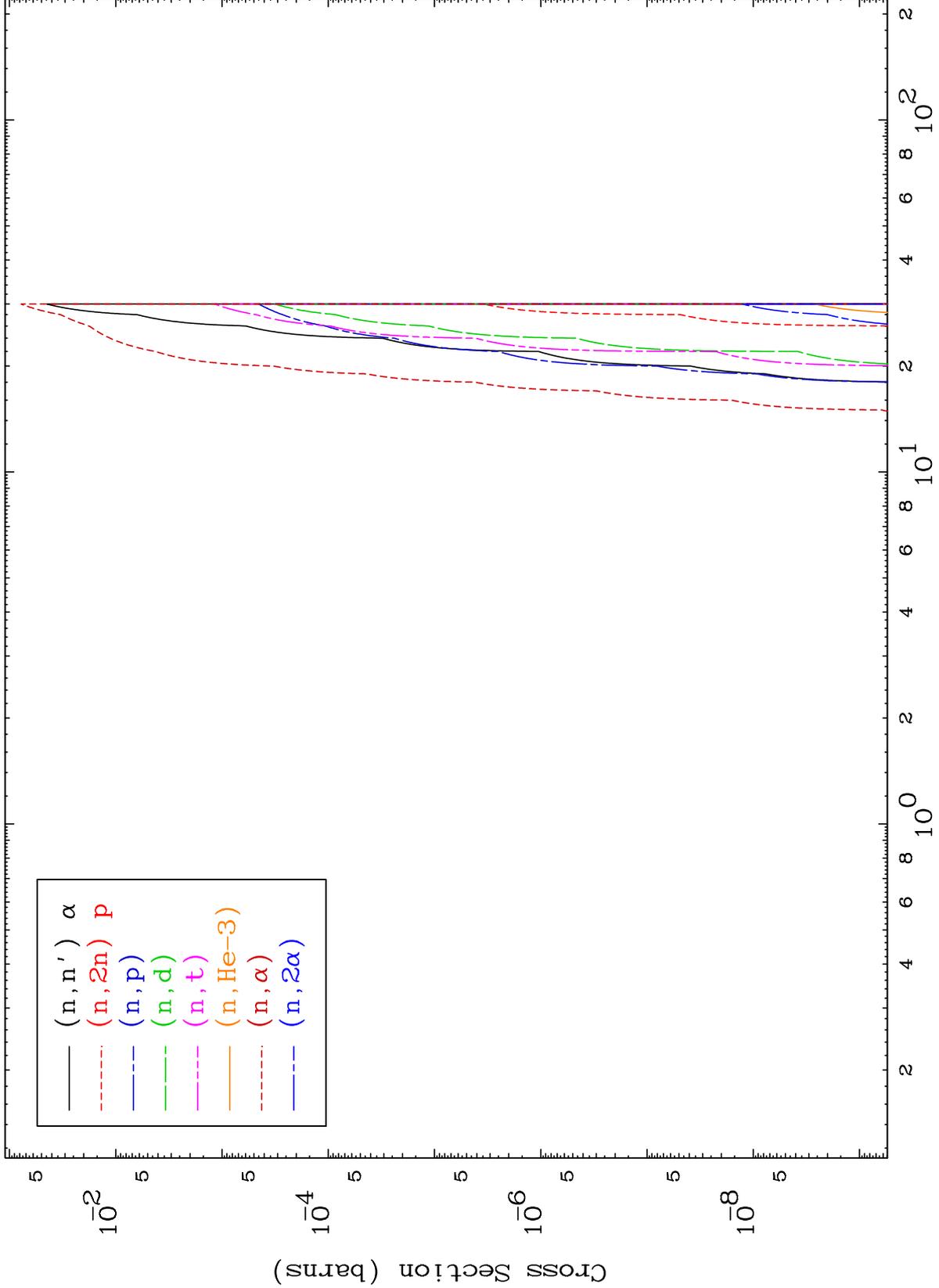
85-At-218



MAT 8570

α Charged Particle
0 Kelvin Cross Sections

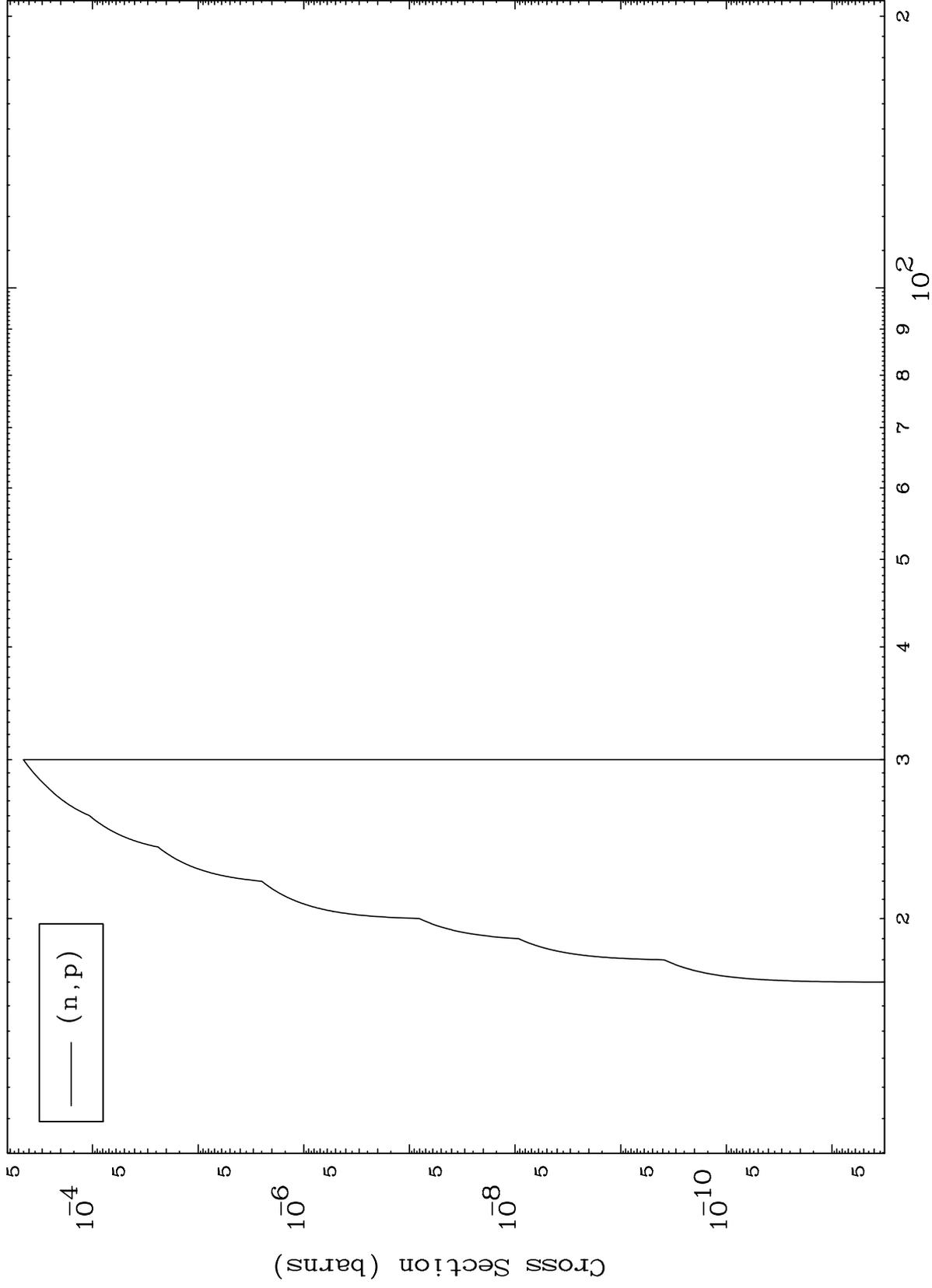
85-At-218



MAT 8570

(α, p) Levels
0 Kelvin Cross Sections

85-At-218



6

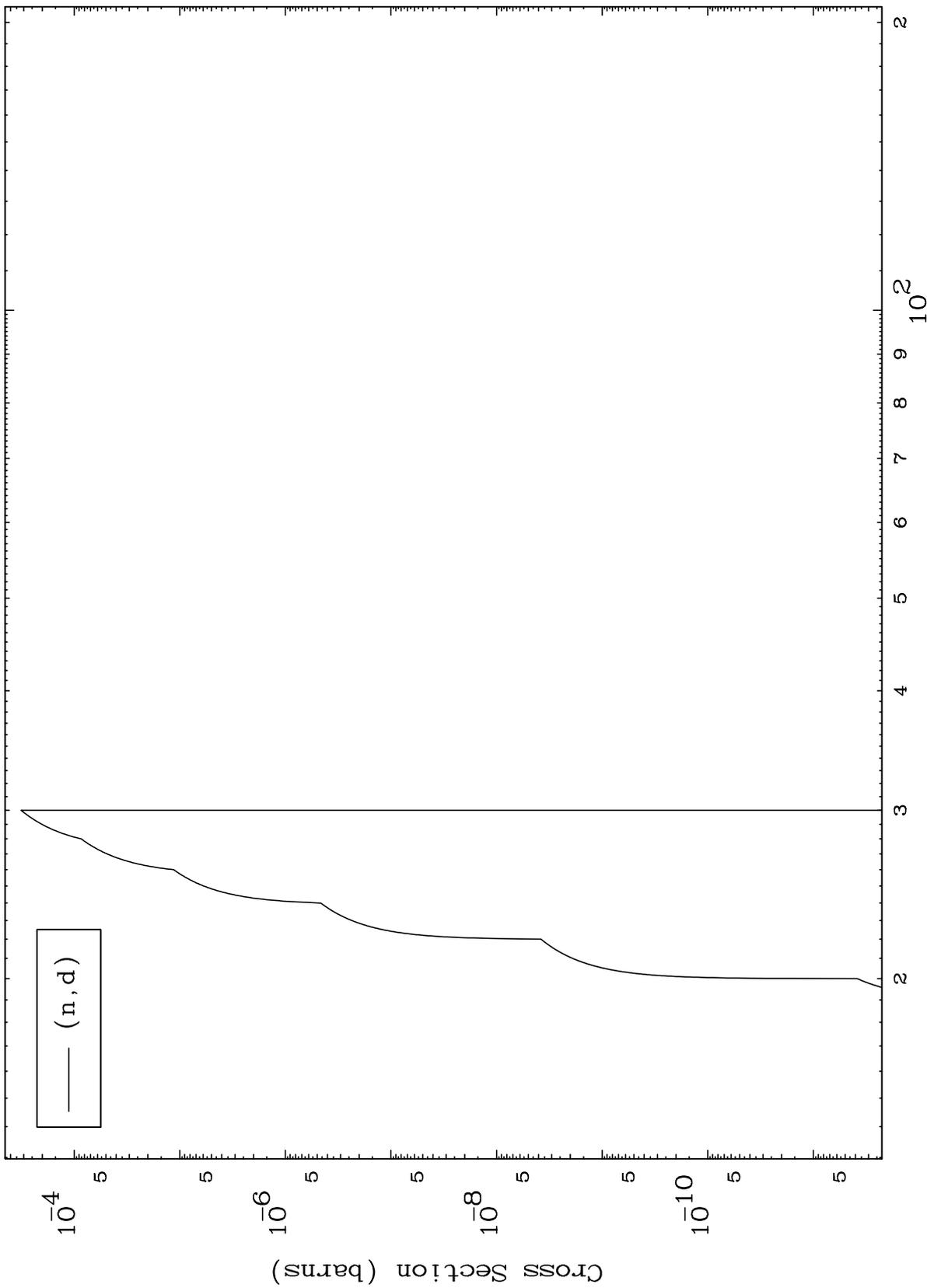
Incident Energy (MeV)

85-At-218

MAT 8570

85-At-218

(α, d) Levels
0 Kelvin Cross Sections



85-At-218

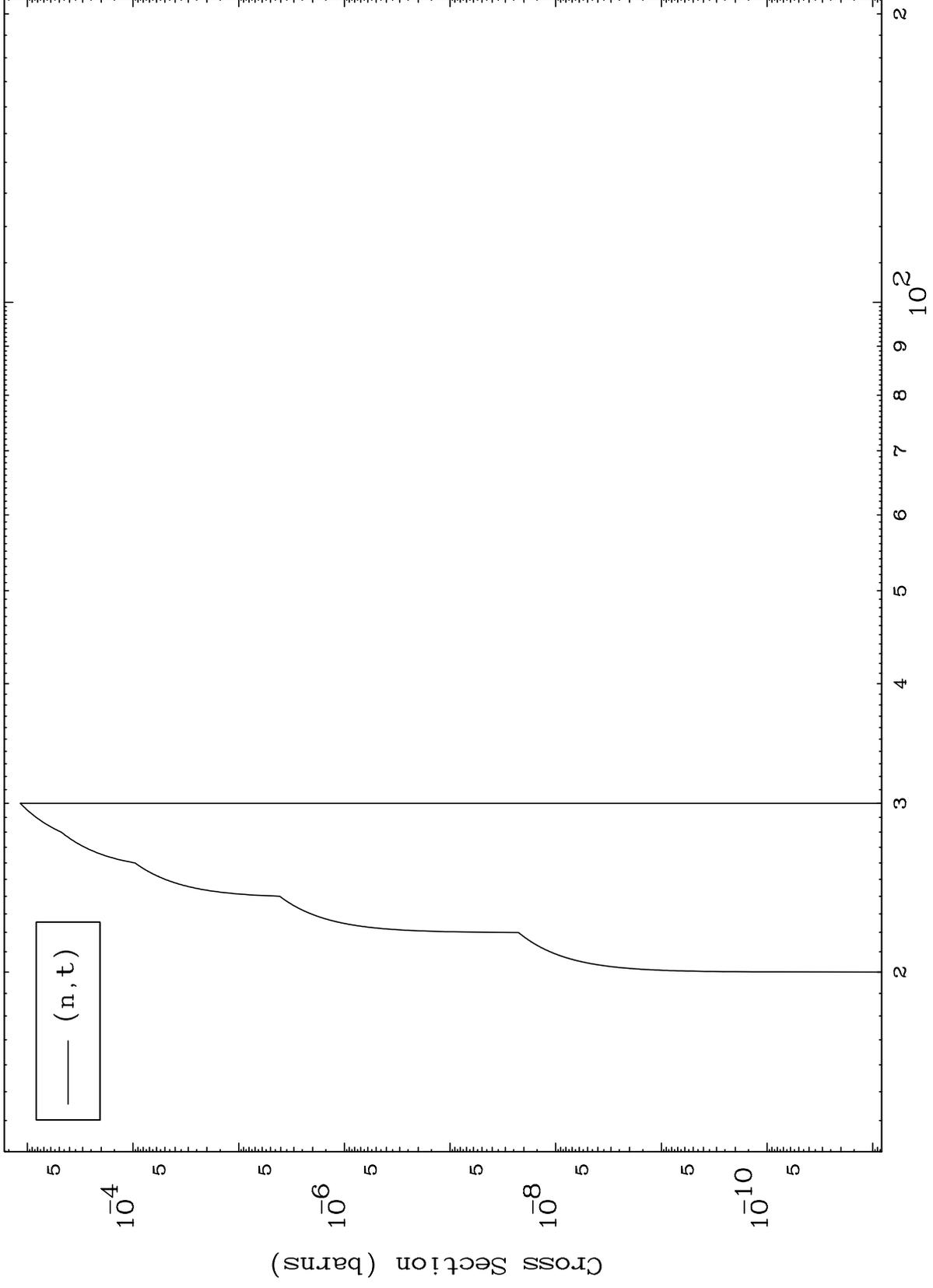
Incident Energy (MeV)

7

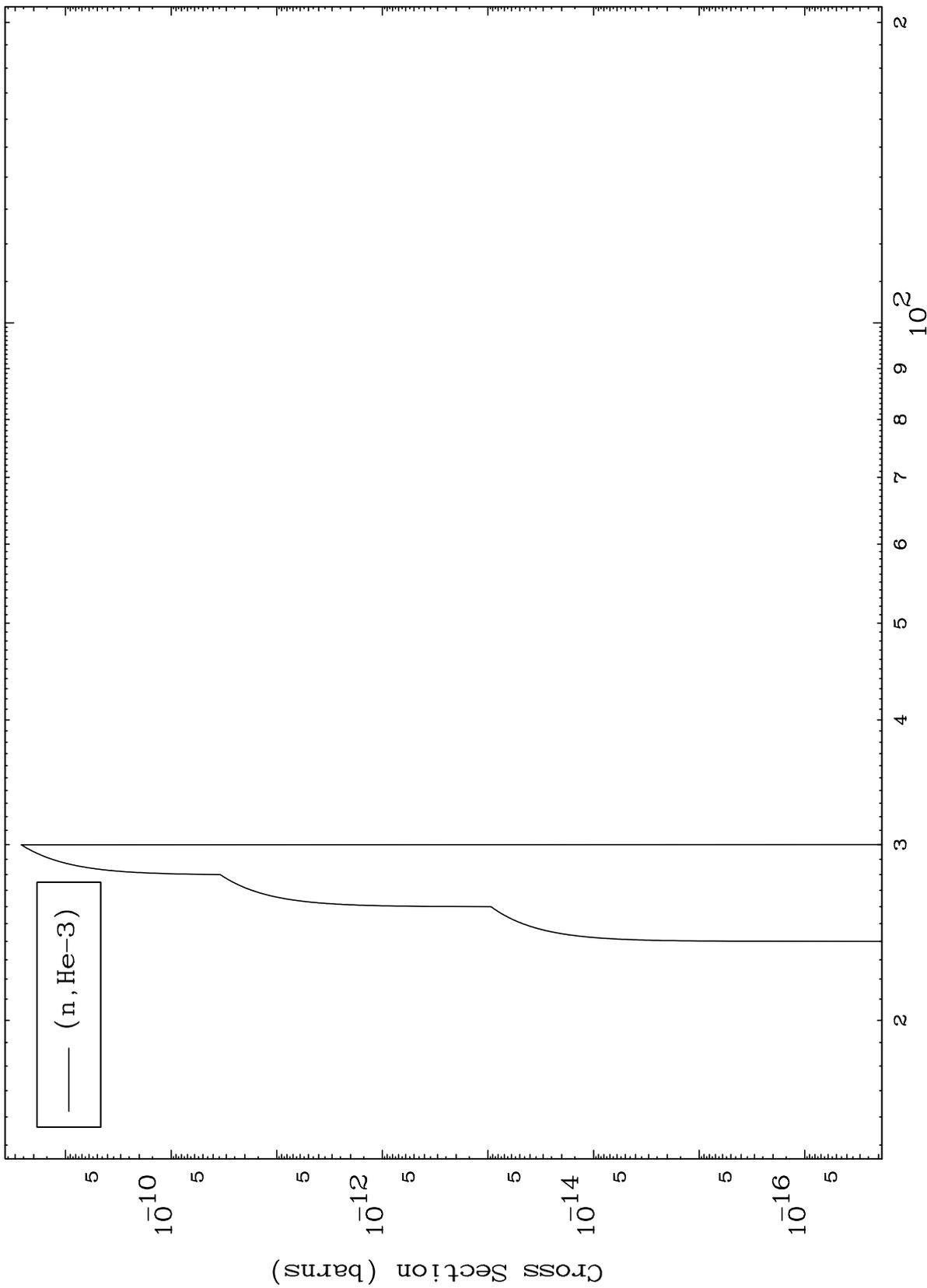
MAT 8570

(α, t) Levels
0 Kelvin Cross Sections

85-At-218



($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

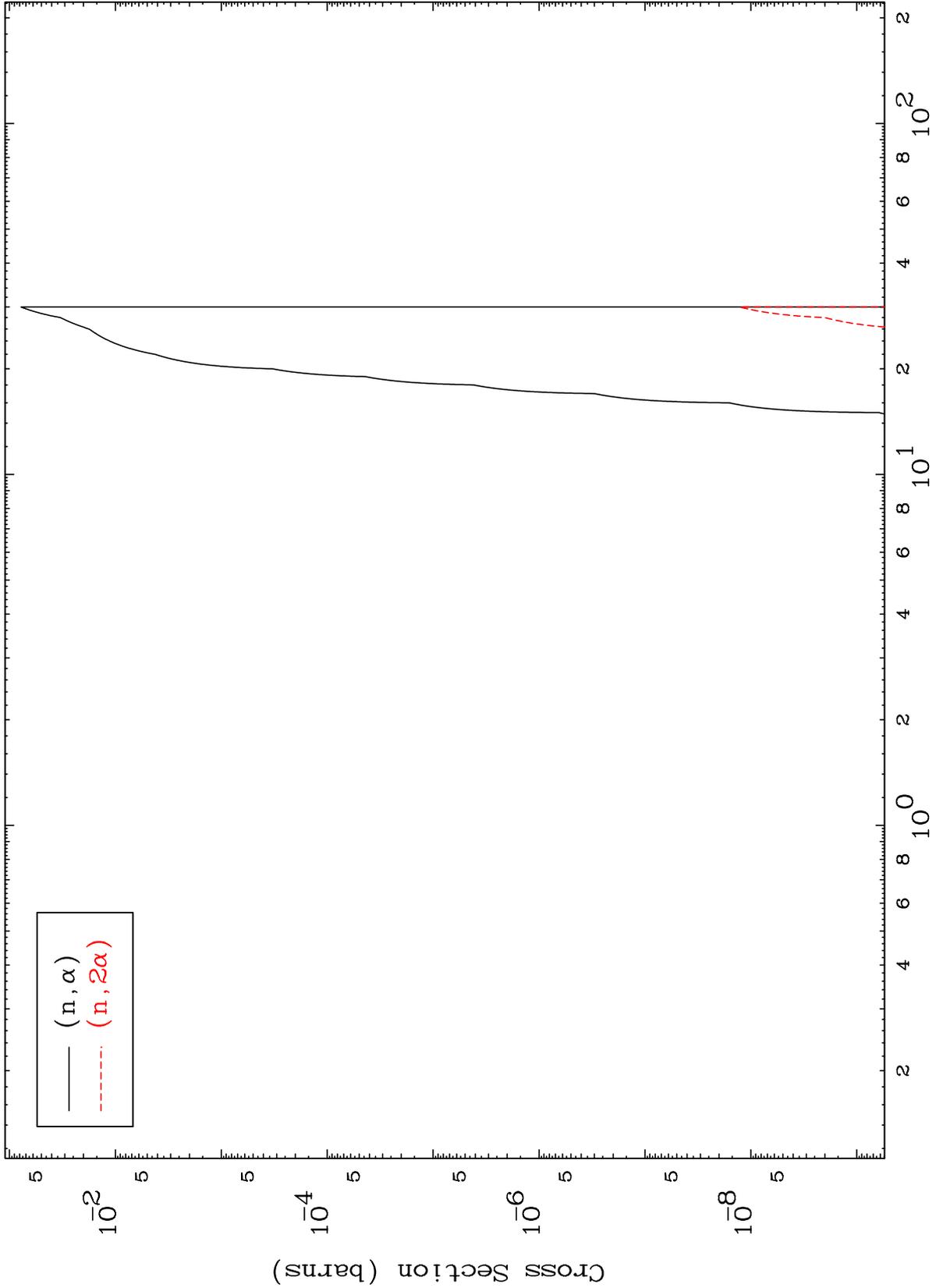


MAT 8570

(α, α) Levels

85-At-218

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

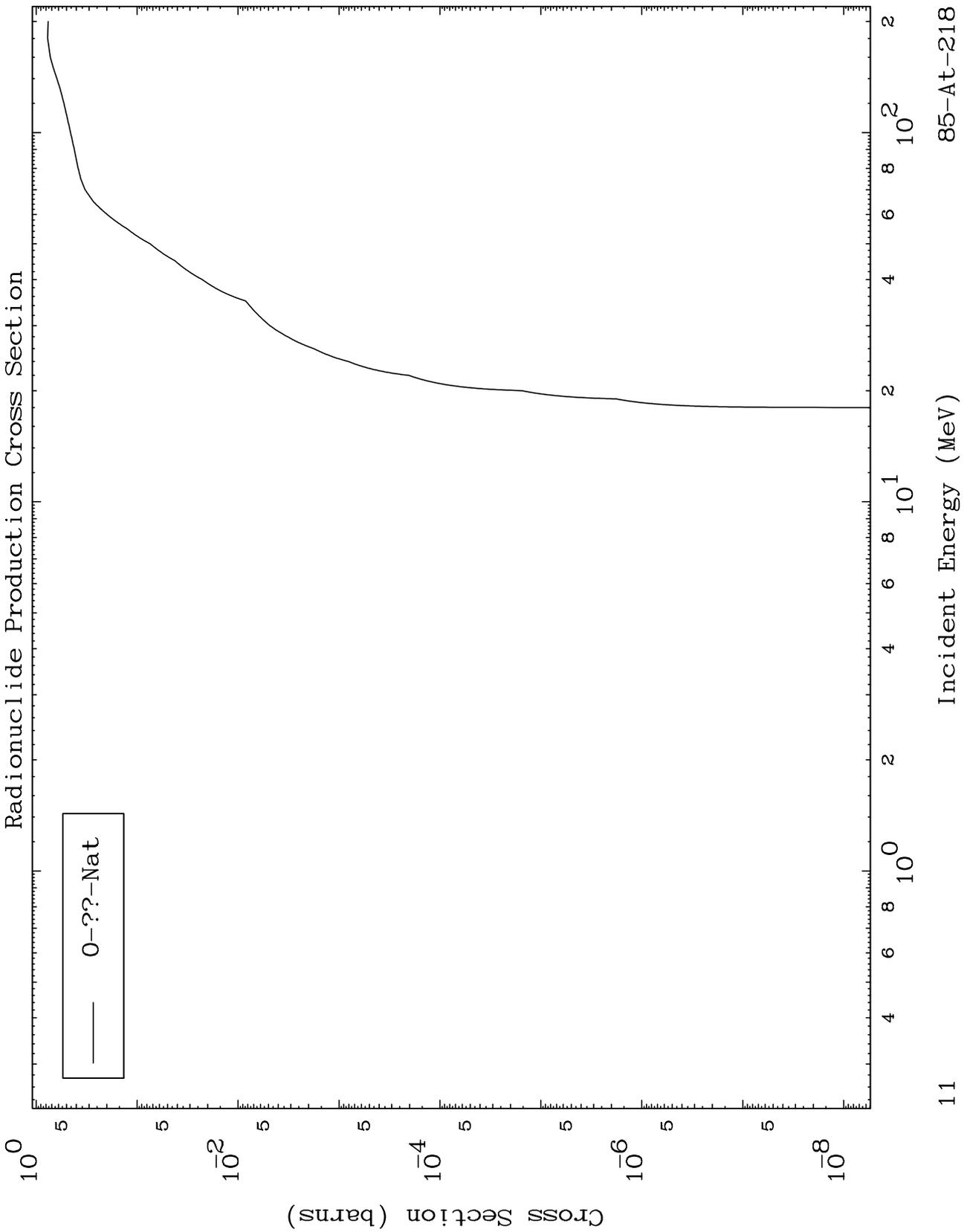
Incident Energy (MeV)

85-At-218

MAT 8570

Fission

85-At-218

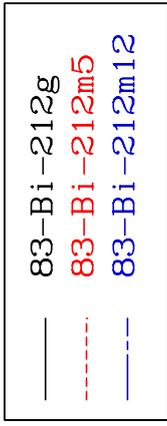
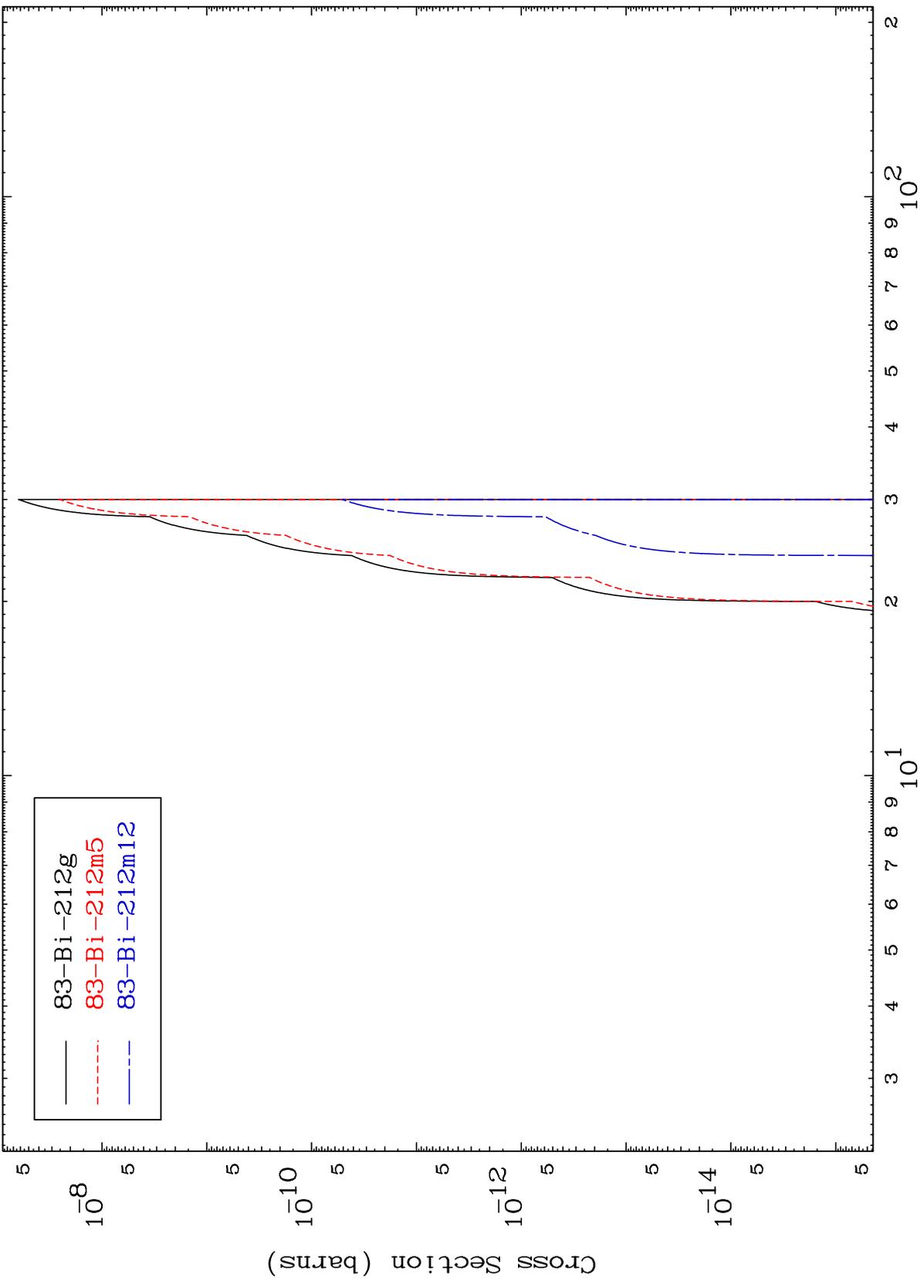


MAT 8570

^{212}Po

^{218}At

Radionuclide Production Cross Section



12

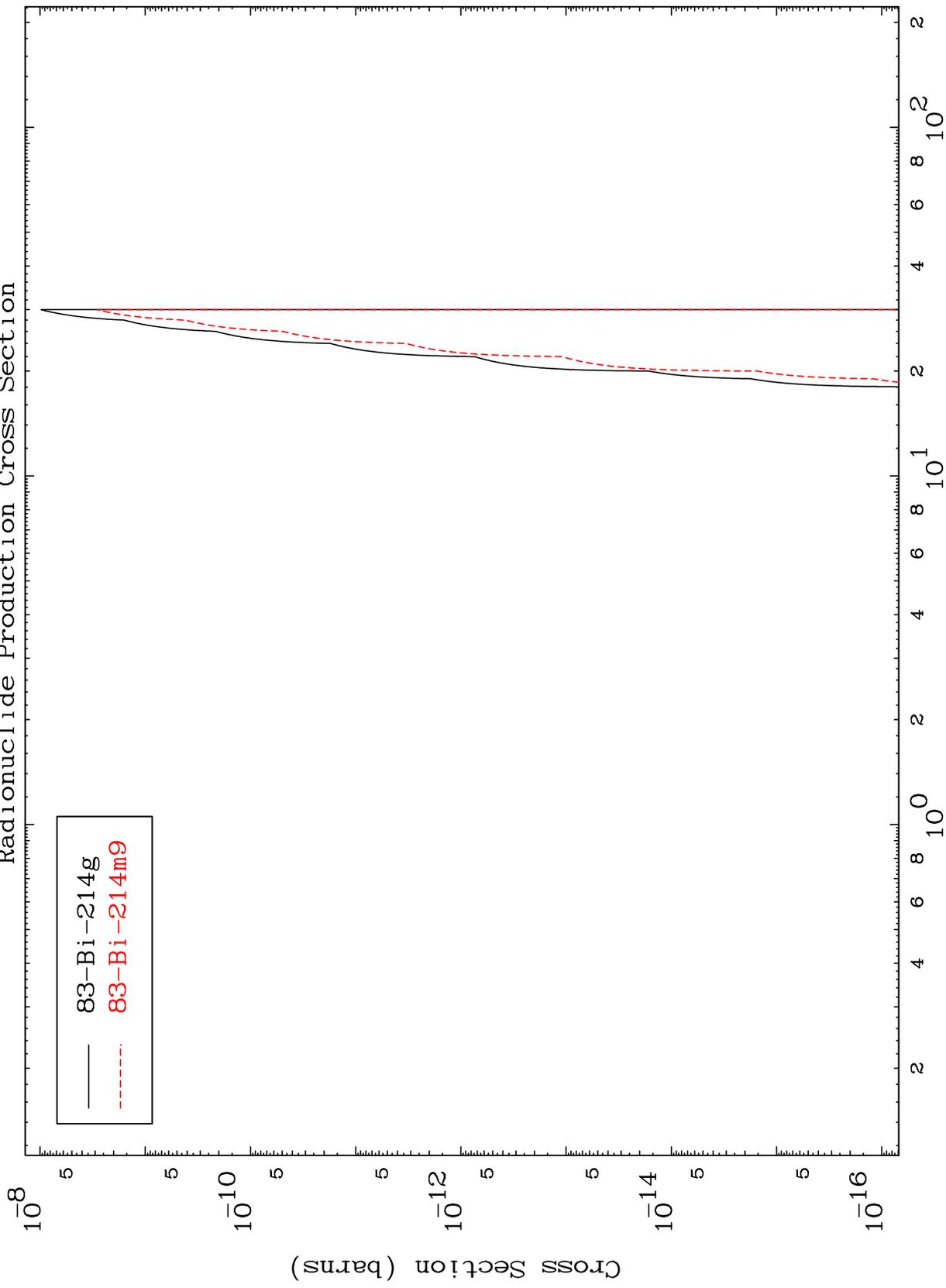
Incident Energy (MeV)

^{218}At

MAT 8570

85-At-218

Radionuclide Production Cross Section
(n,2α)



Incident Energy (MeV)

85-At-218

13