

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

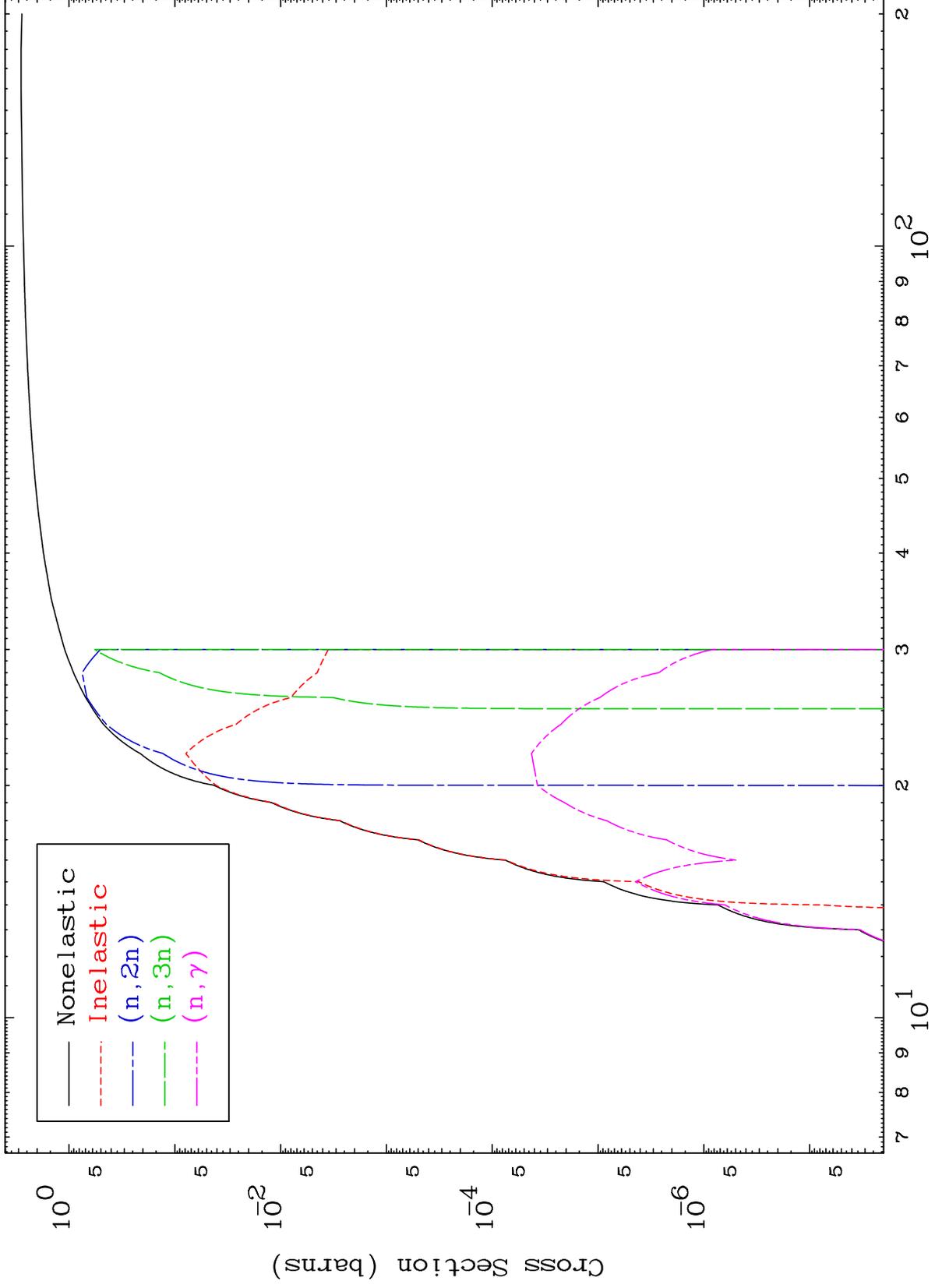
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8329

0 Kelvin
 α Major Cross Sections

83-Bi-210m



1

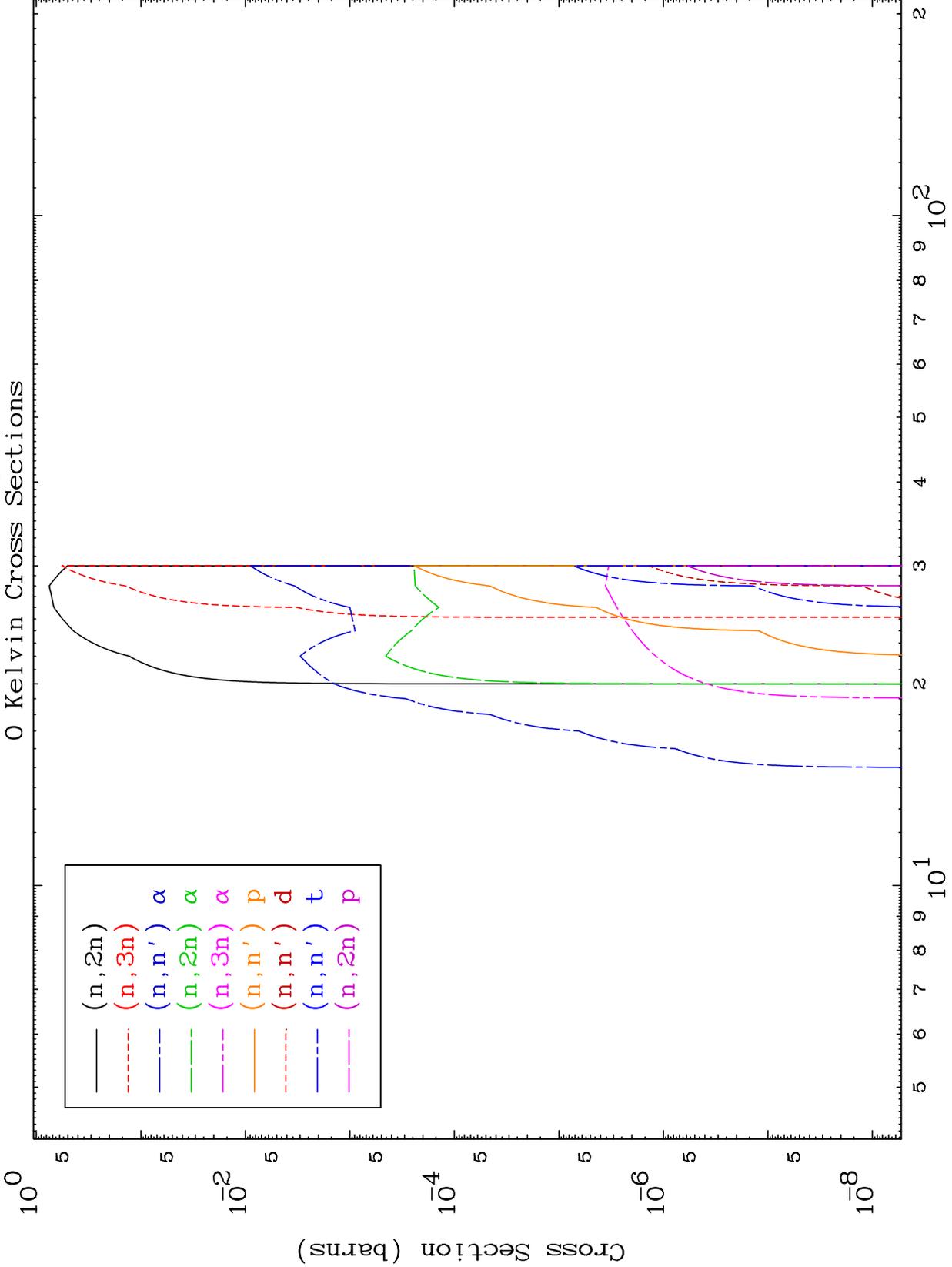
Incident Energy (MeV)

83-Bi-210m

MAT 8329

α Neutron Absorption
0 Kelvin Cross Sections

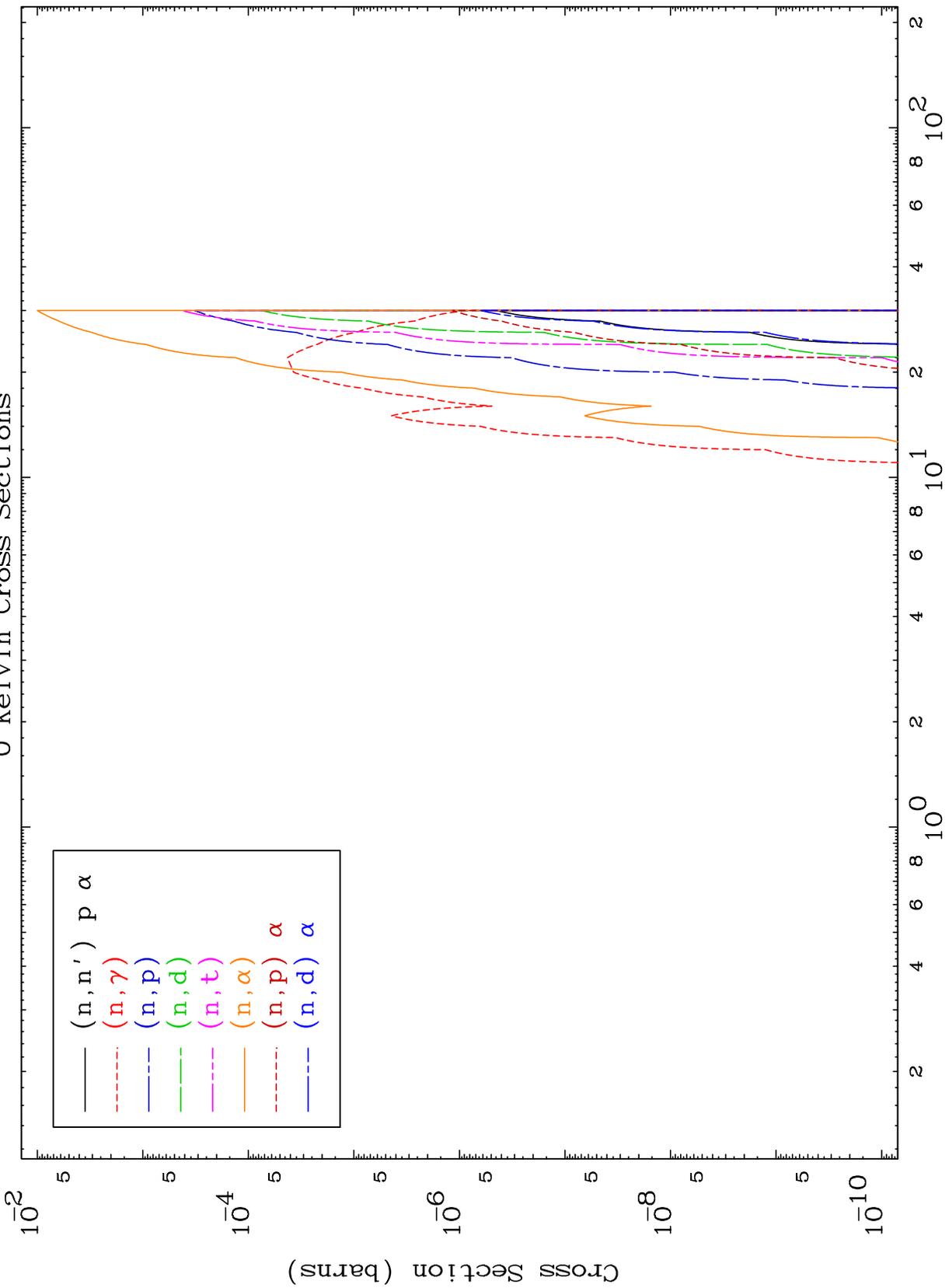
83-Bi-210m



MAT 8329

α Neutron Absorption
0 Kelvin Cross Sections

83-Bi-210m



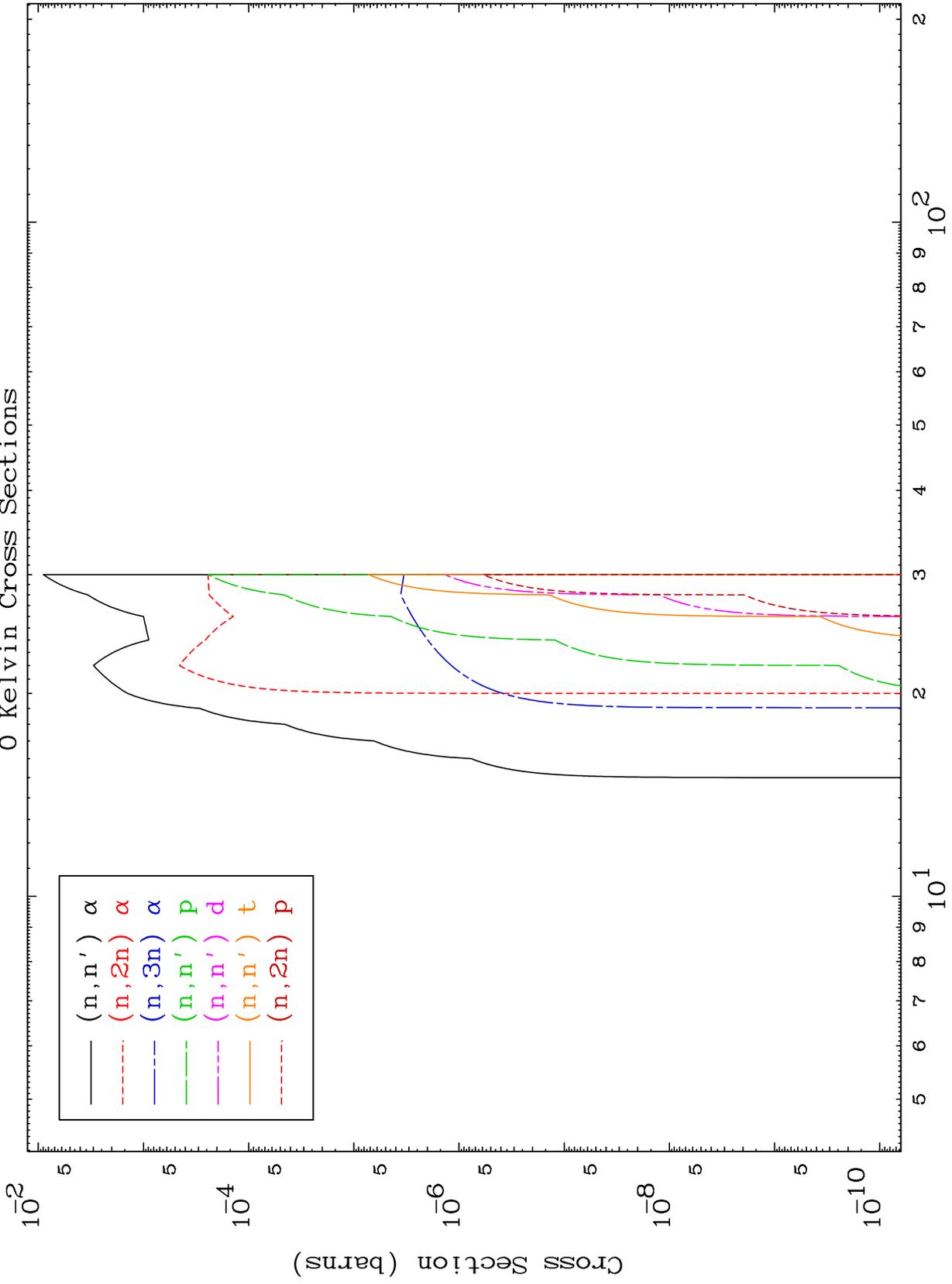
Incident Energy (MeV)

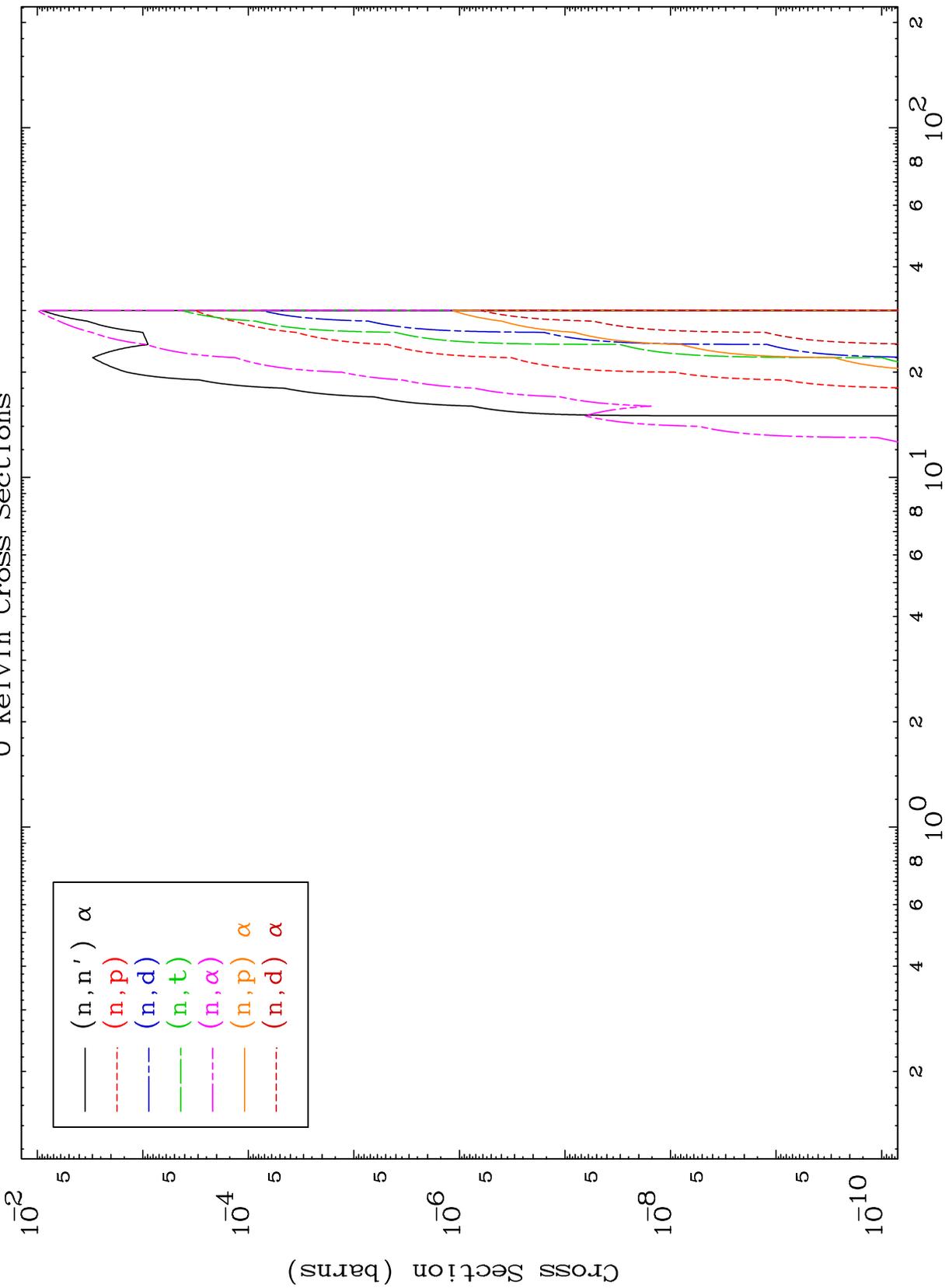
83-Bi-210m

MAT 8329

α Charged Particle
0 Kelvin Cross Sections

83-Bi-210m

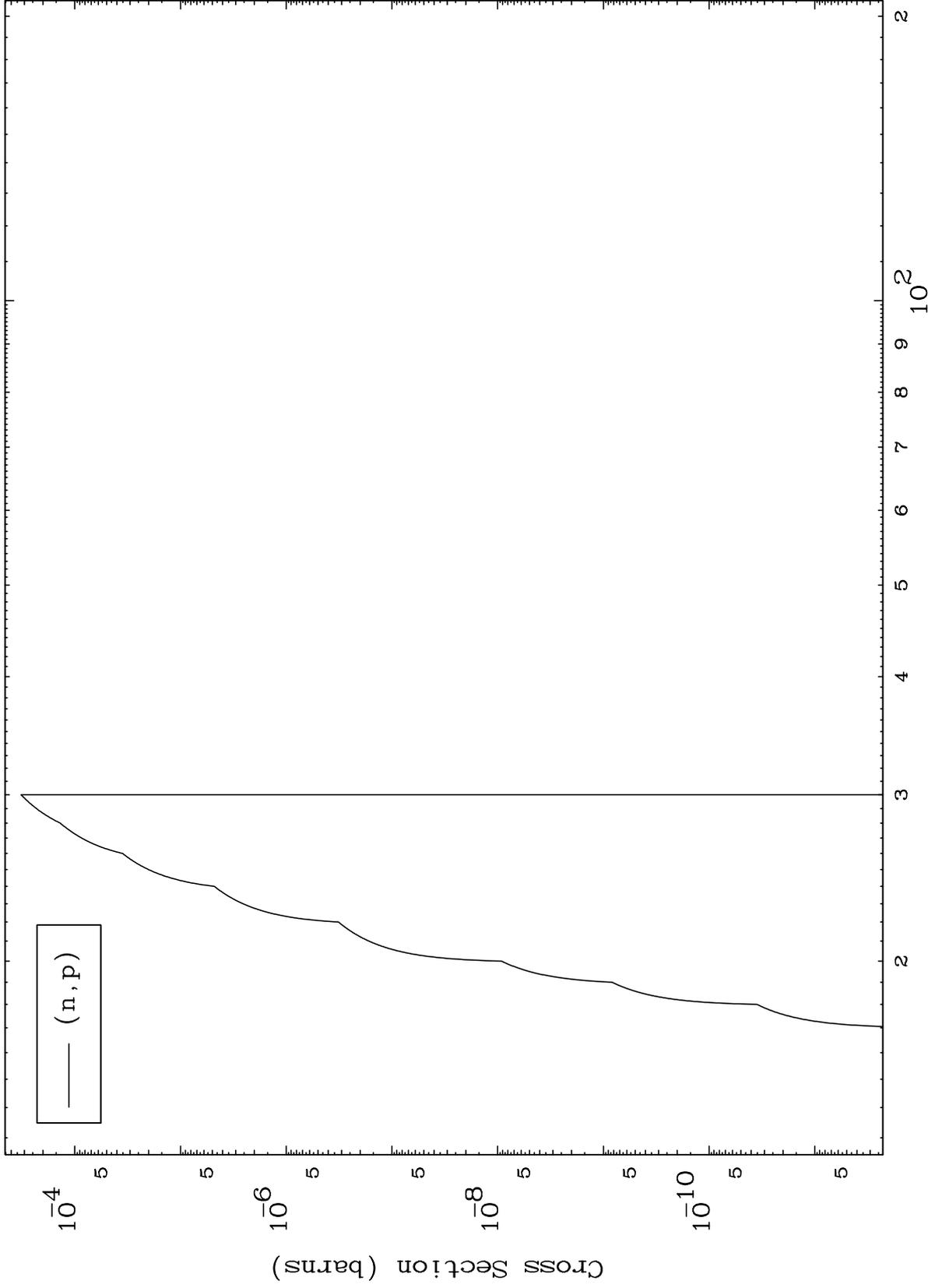




MAT 8329

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-210m



6

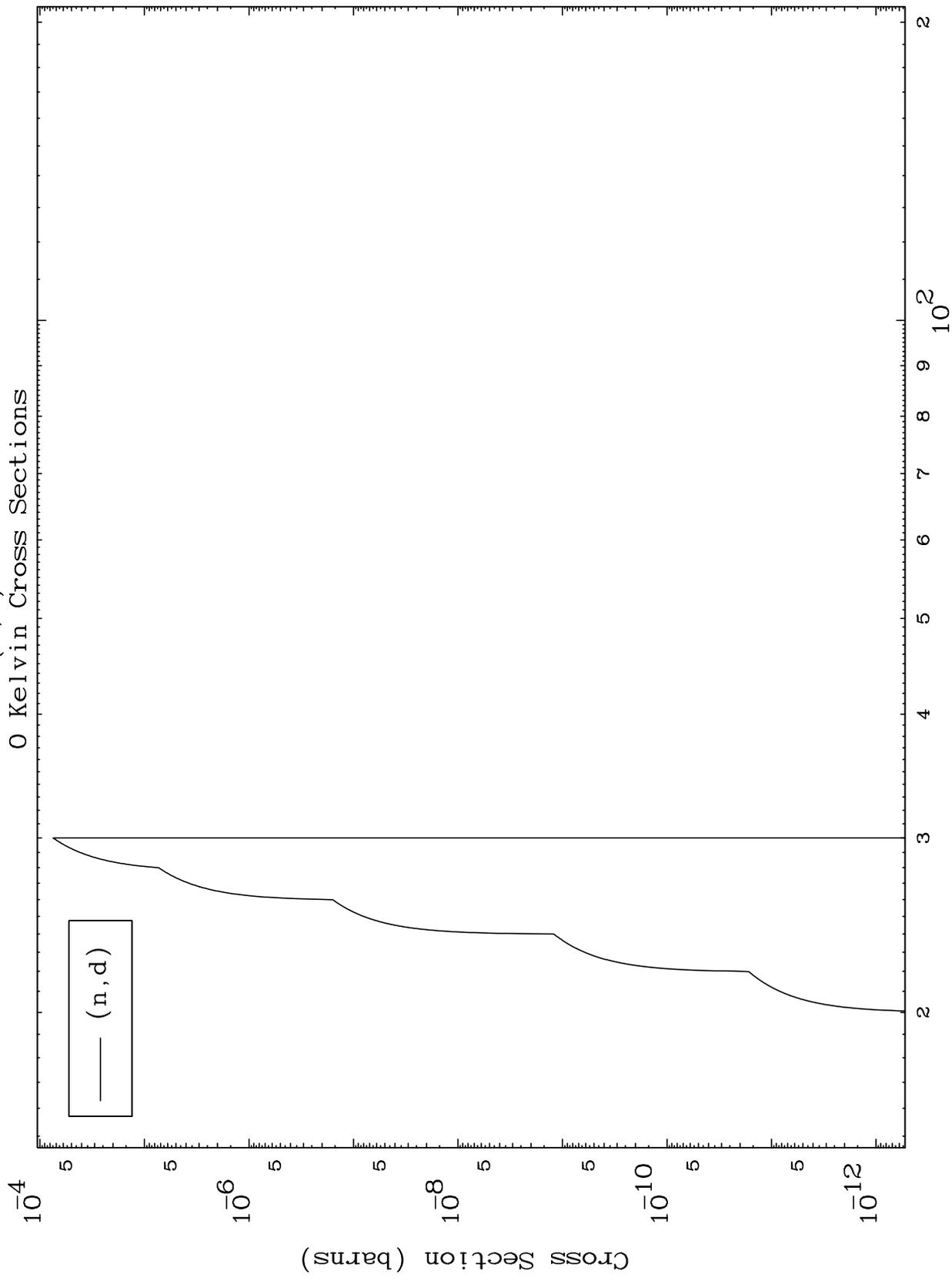
Incident Energy (MeV)

83-Bi-210m

MAT 8329

⁸³Bi-210m

(α, d) Levels
0 Kelvin Cross Sections



⁸³Bi-210m

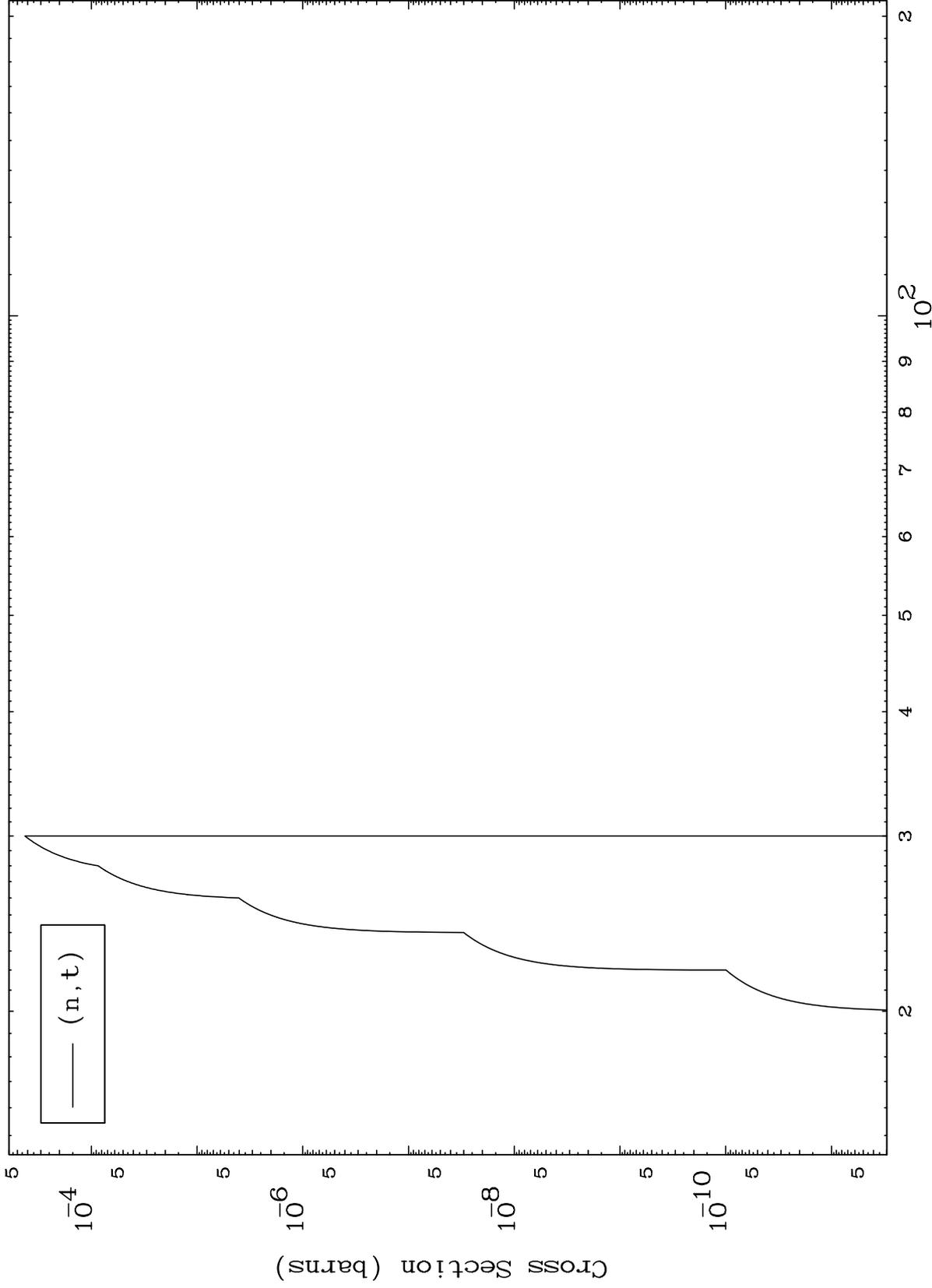
Incident Energy (MeV)

7

MAT 8329

(α, t) Levels
0 Kelvin Cross Sections

83-Bi-210m



8

Incident Energy (MeV)

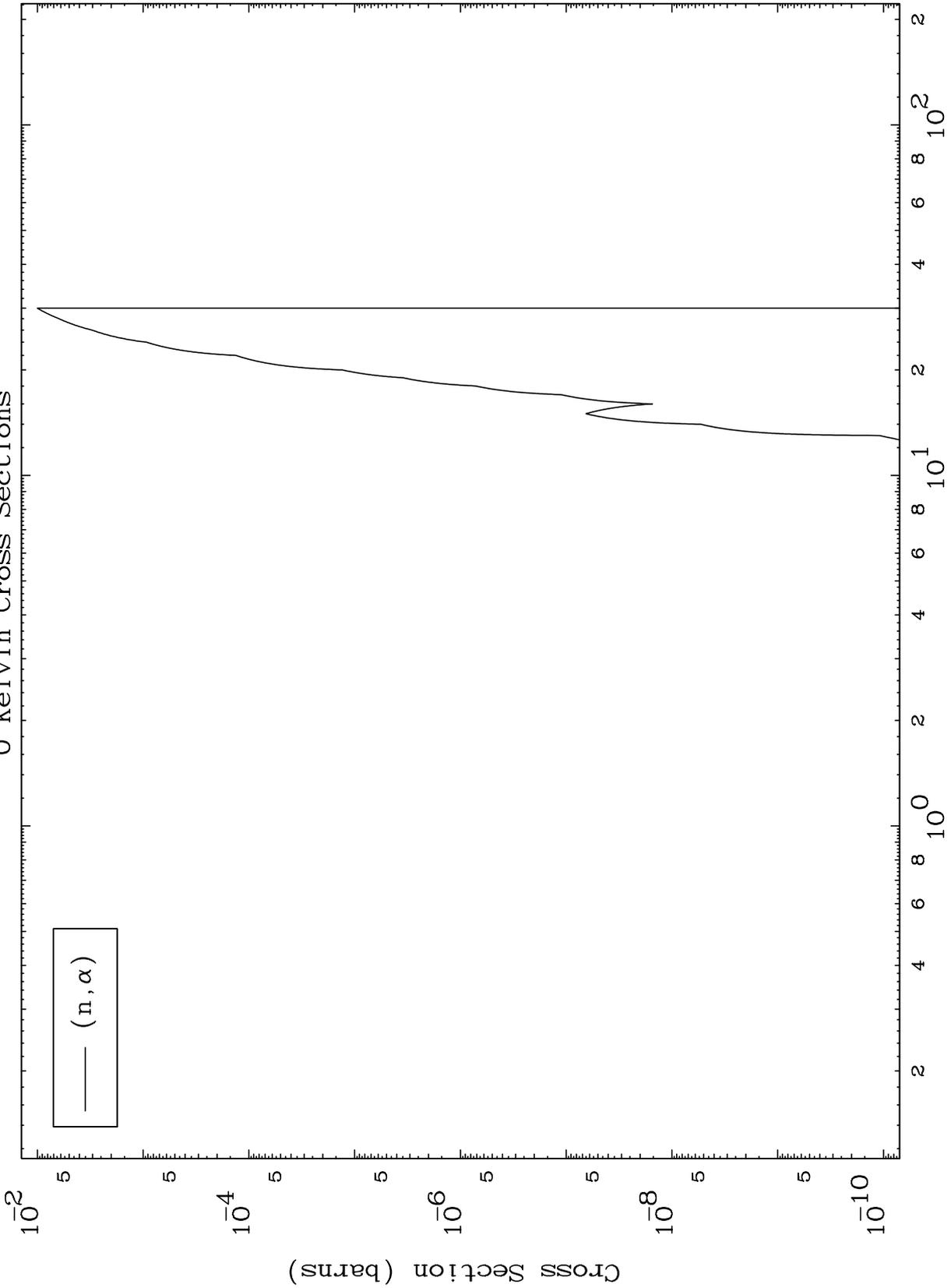
83-Bi-210m

MAT 8329

(α, α) Levels

83-Bi-210m

0 Kelvin Cross Sections

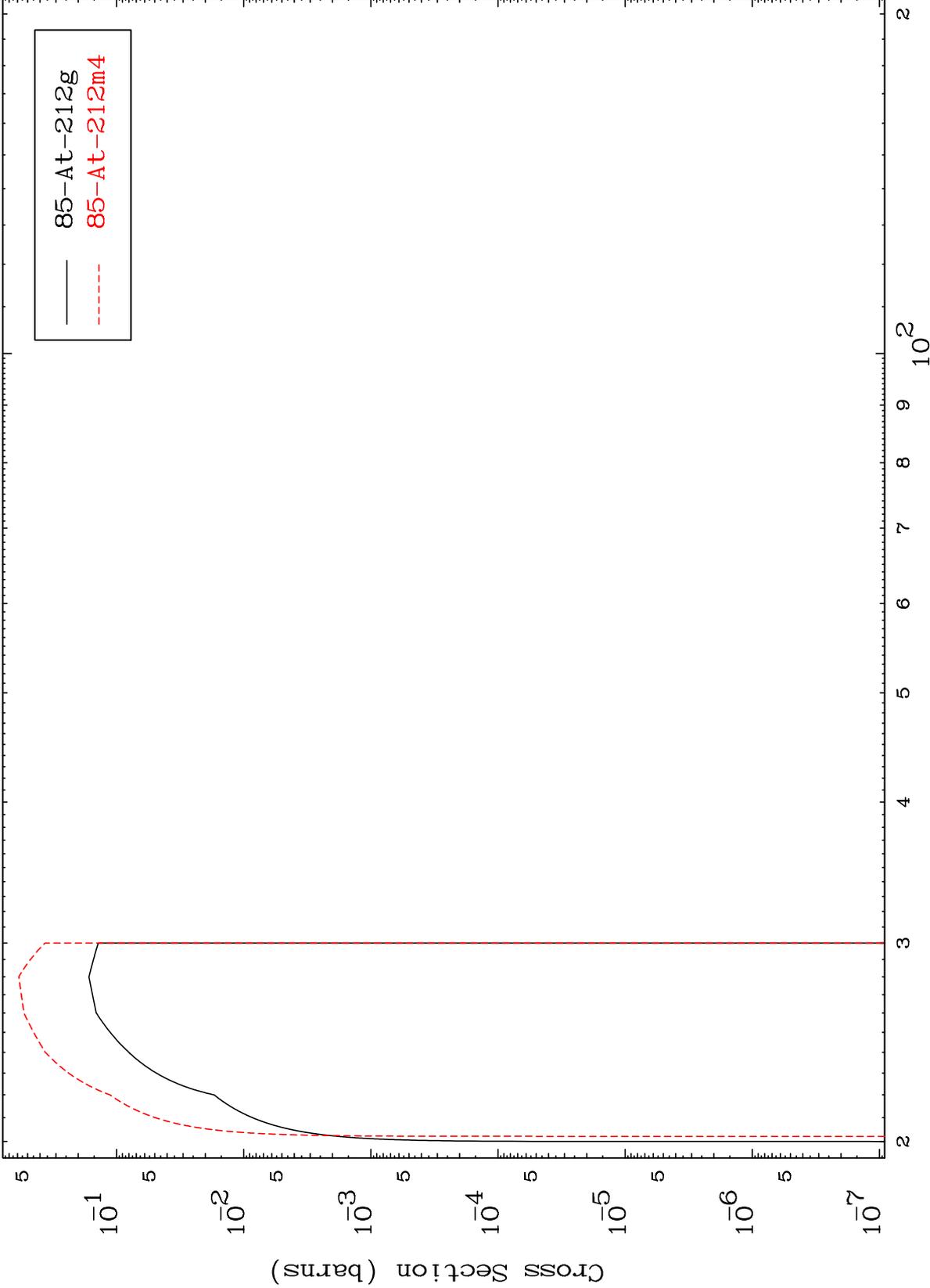


MAT 8329

(n,2n)

83-Bi-210m

Radionuclide Production Cross Section



10

Incident Energy (MeV)

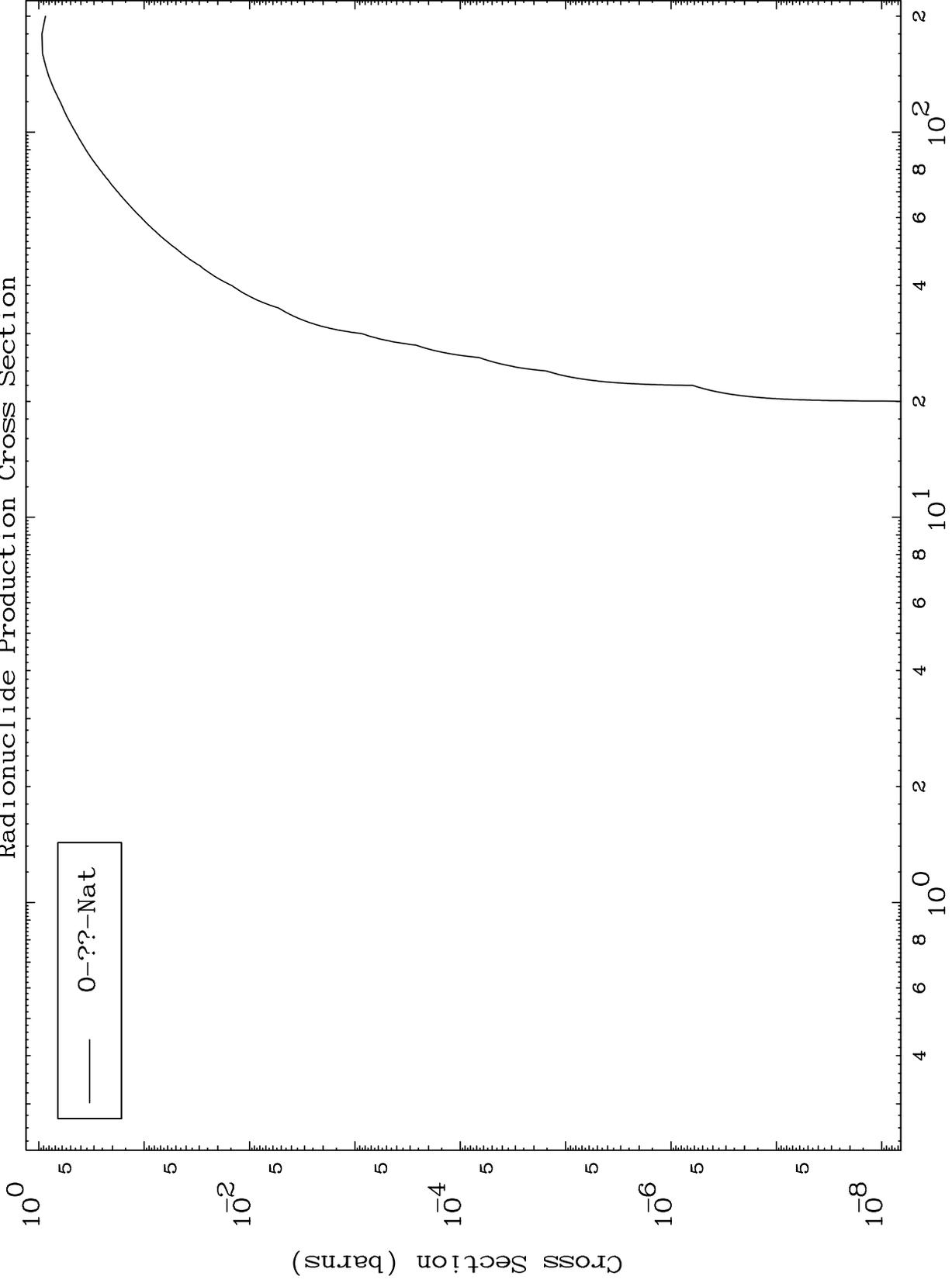
83-Bi-210m

MAT 8329

Fission

⁸³Bi-210m

Radionuclide Production Cross Section

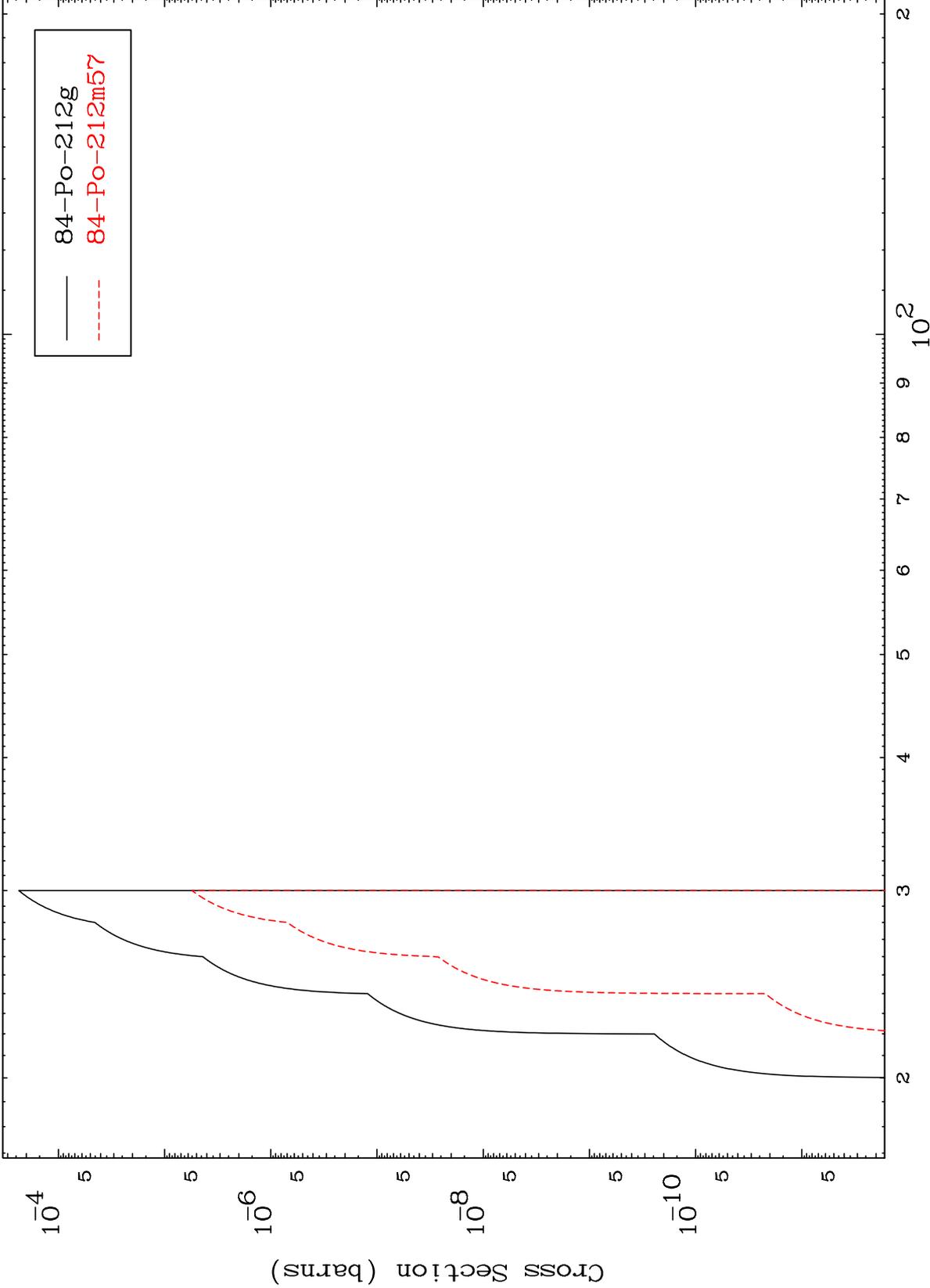


MAT 8329

(n,n') p

83-Bi-210m

Radionuclide Production Cross Section



84-Po-212g
84-Po-212m57

12

Incident Energy (MeV)

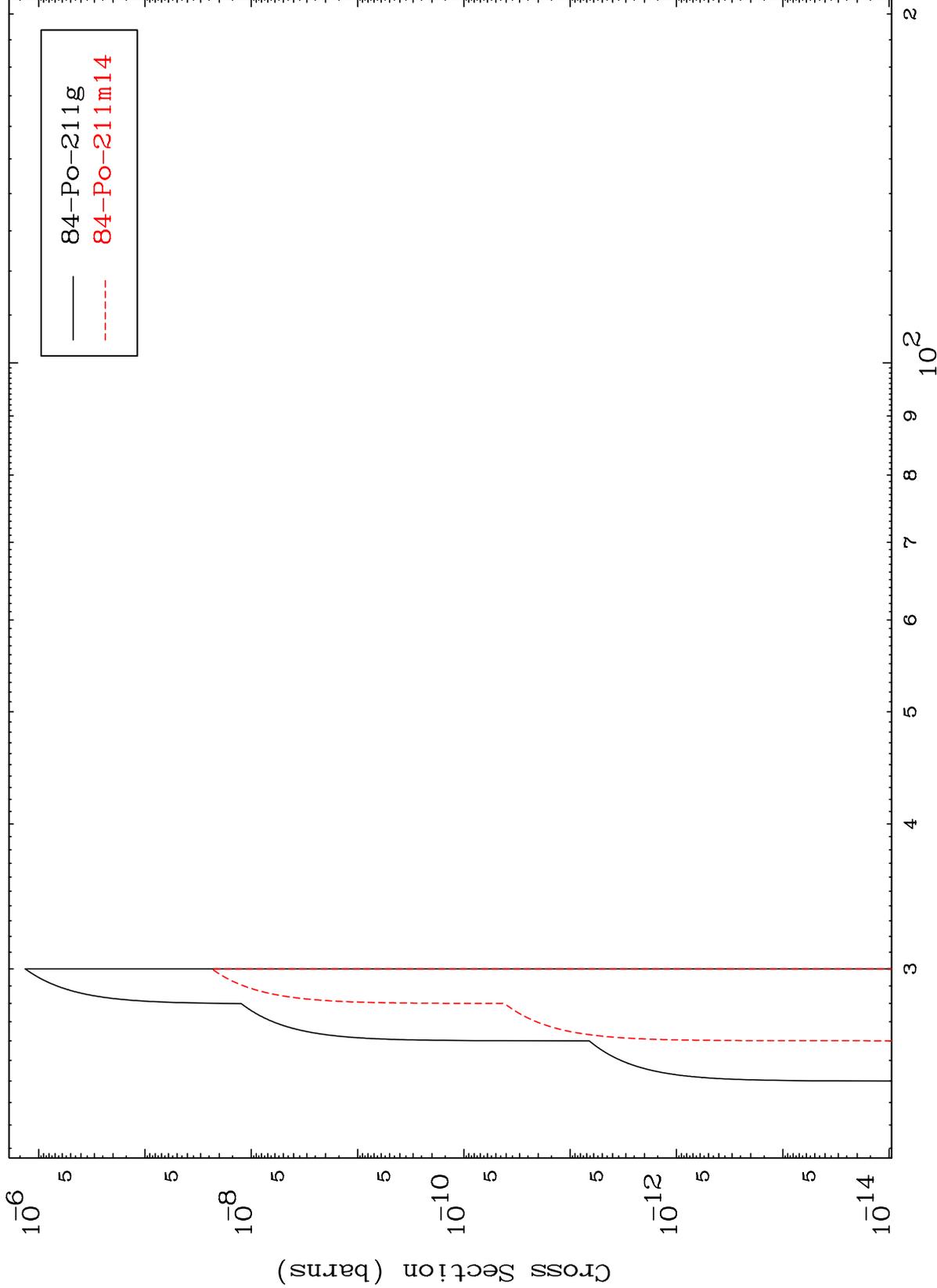
83-Bi-210m

MAT 8329

(n,n') d

83-Bi-210m

Radionuclide Production Cross Section



84-Po-211g
84-Po-211m14

13

Incident Energy (MeV)

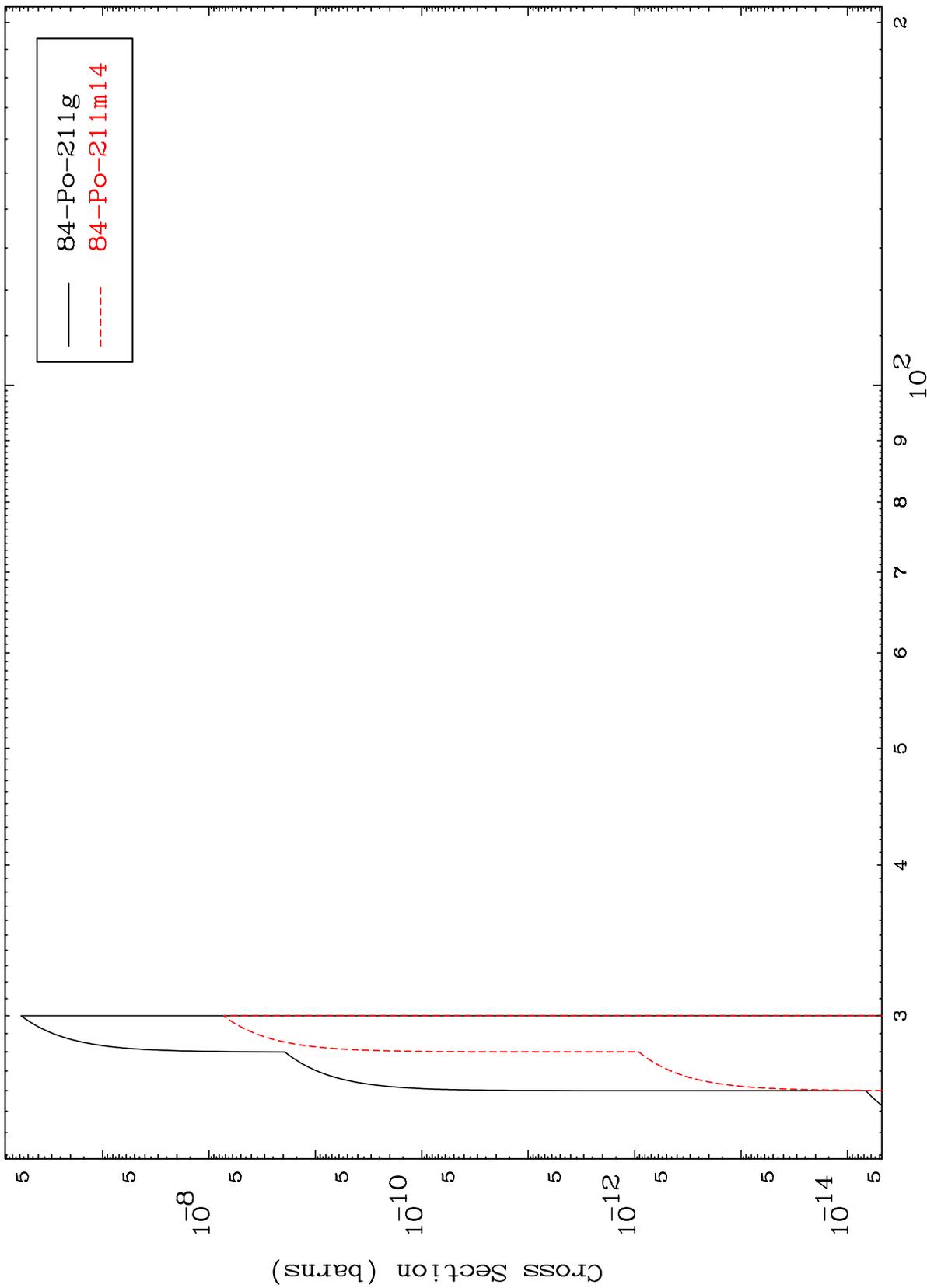
83-Bi-210m

MAT 8329

(n,2n) p

83-Bi-210m

Radionuclide Production Cross Section



84-Po-211g
84-Po-211m14

14

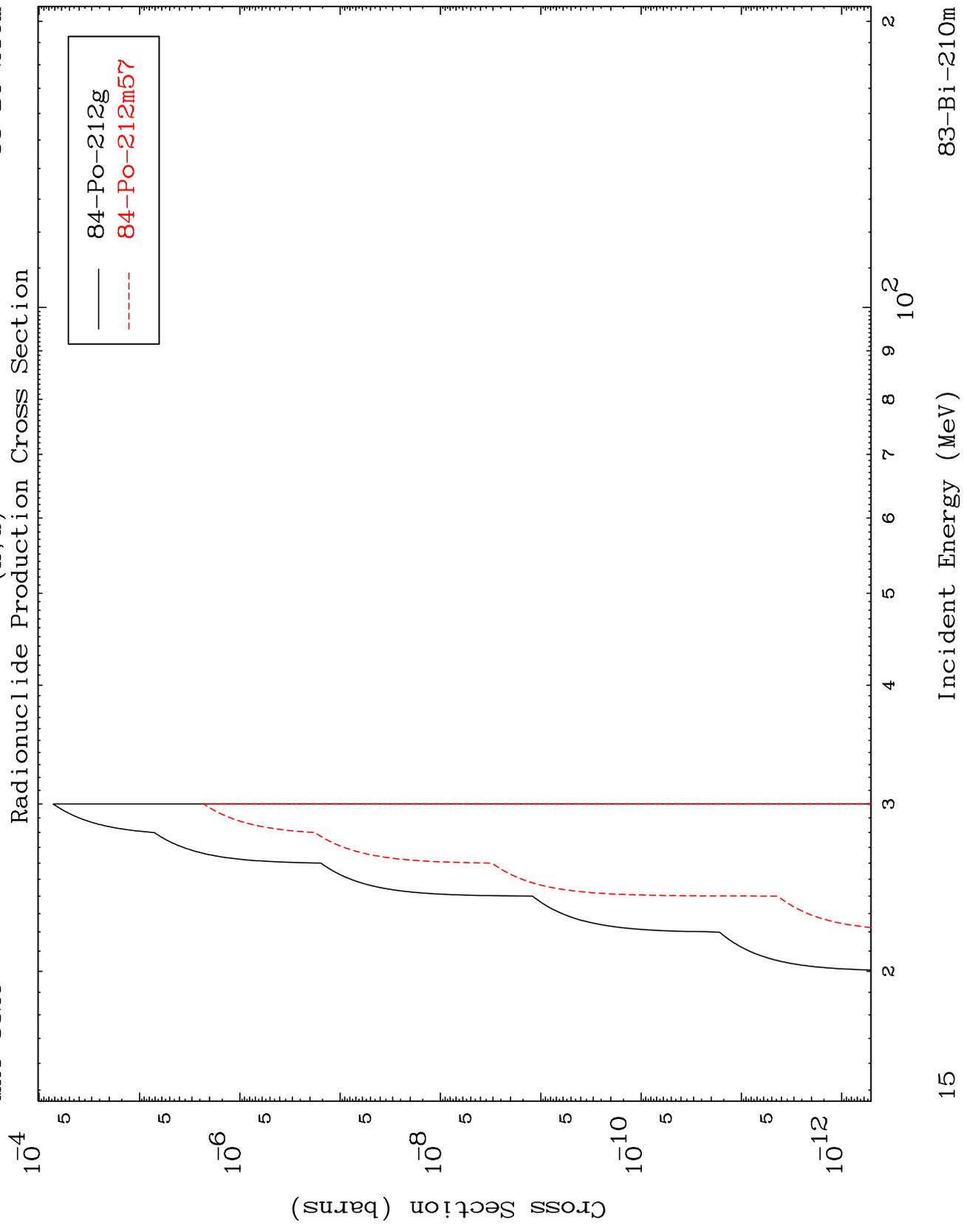
Incident Energy (MeV)

83-Bi-210m

MAT 8329

(n,d)

83-Bi-210m



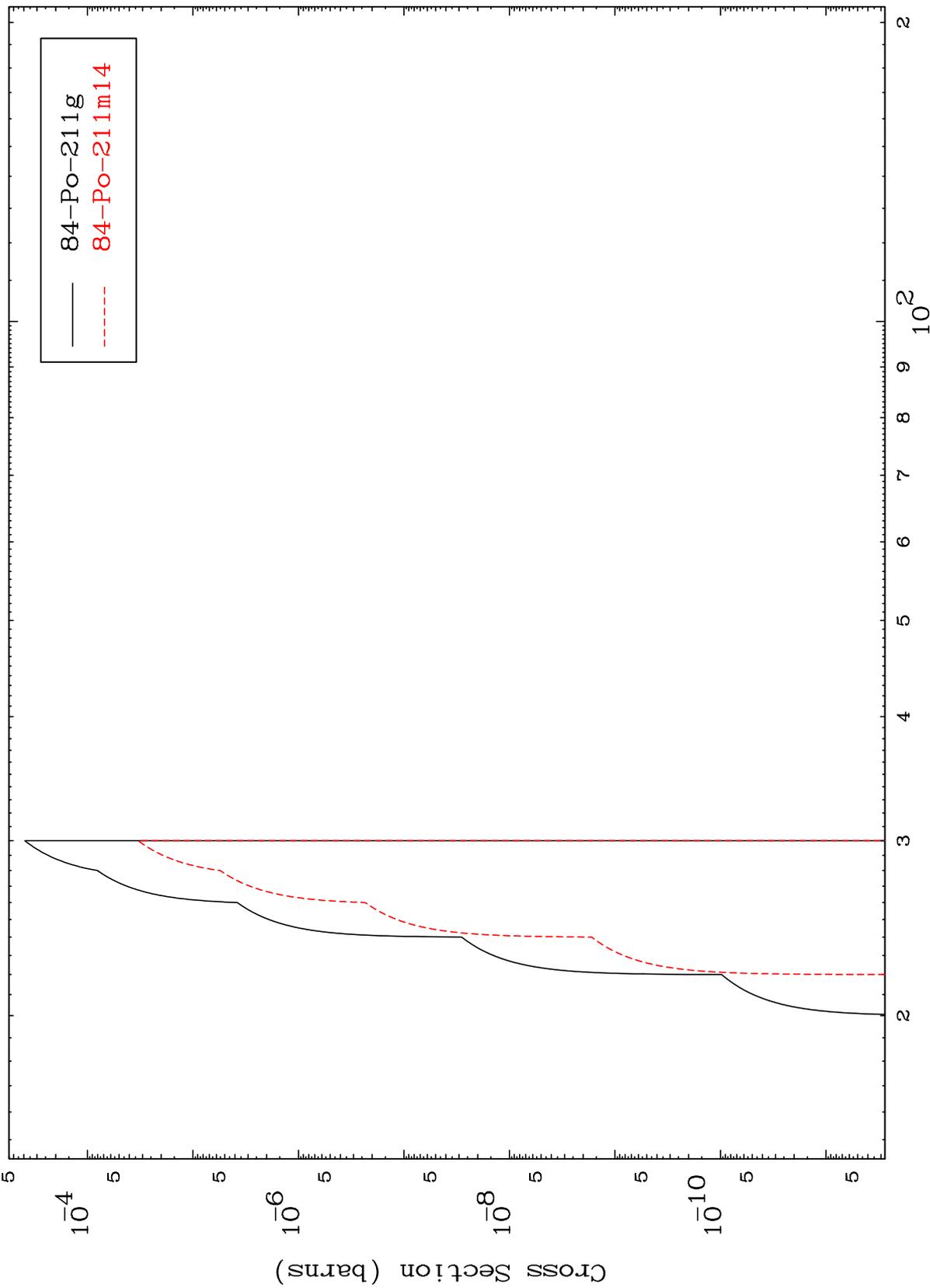
15

83-Bi-210m

MAT 8329

83-Bi-210m

(n, t)
Radionuclide Production Cross Section



16

83-Bi-210m

Incident Energy (MeV)

MAT 8329

$^{83}\text{Bi}-210\text{m}$

