

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

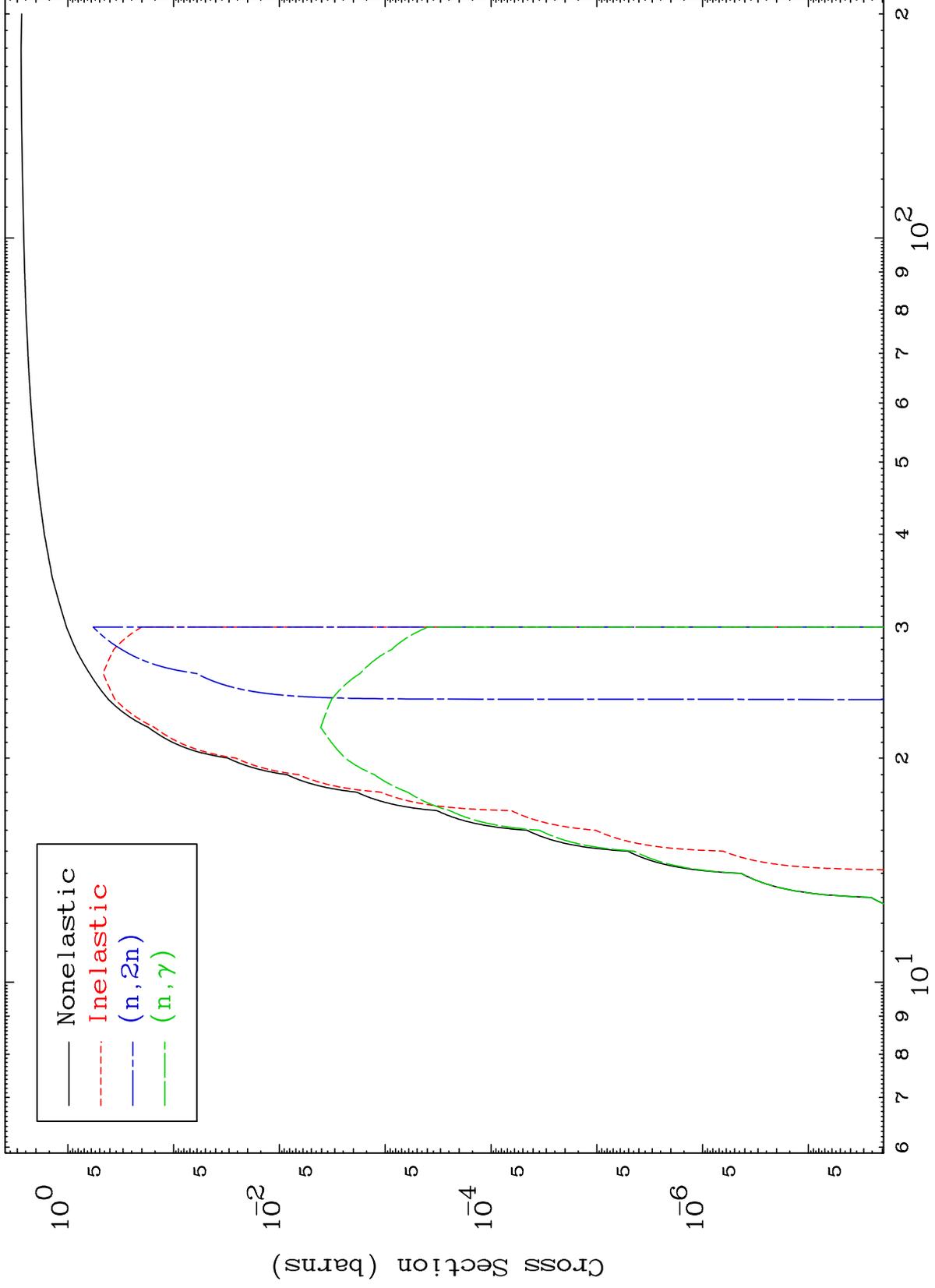
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8298

0 Kelvin
 α Major
Cross Sections

83-Bi-200



1

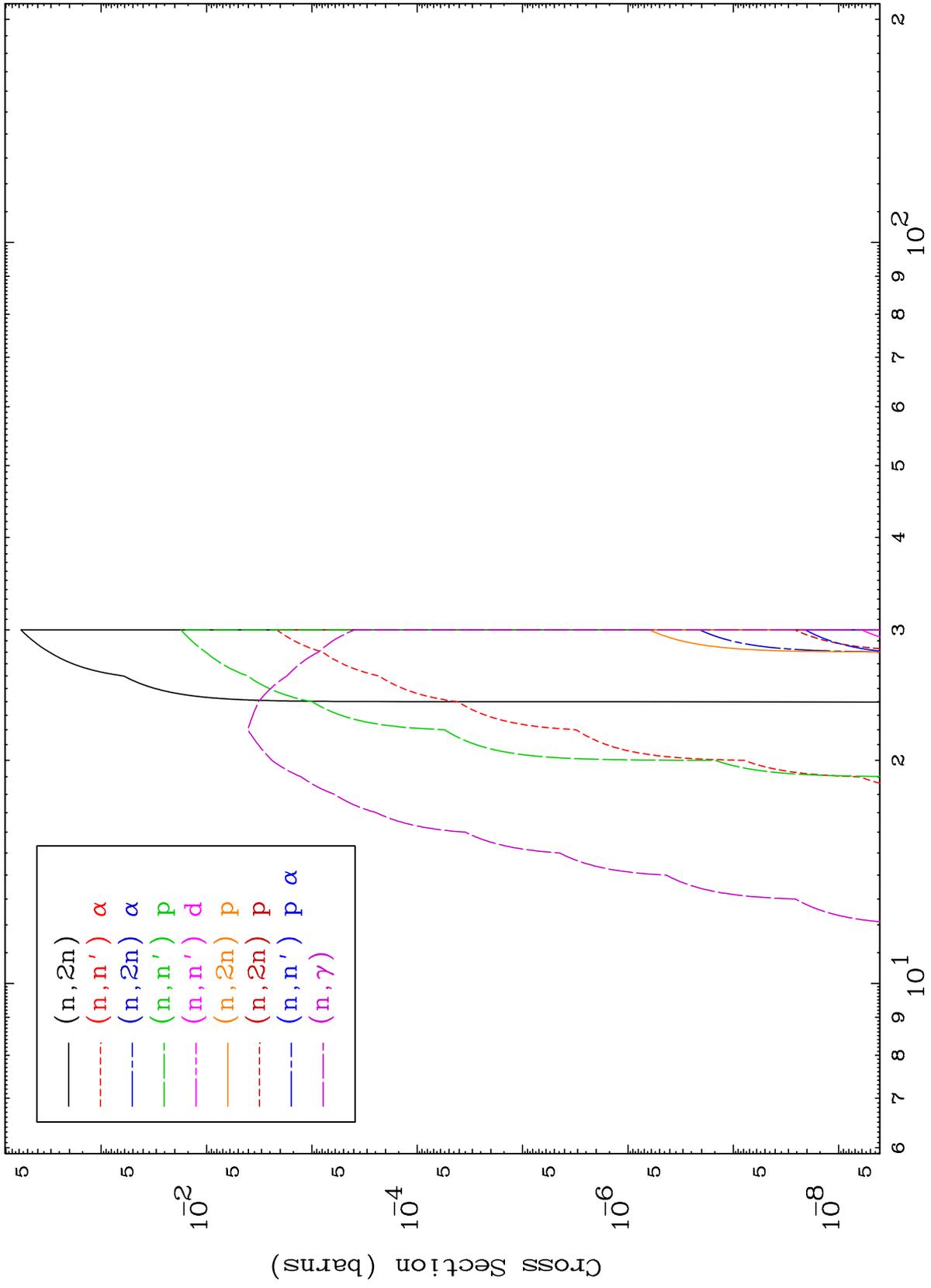
Incident Energy (MeV)

83-Bi-200

MAT 8298

α Neutron Absorption
0 Kelvin Cross Sections

83-Bi-200



2

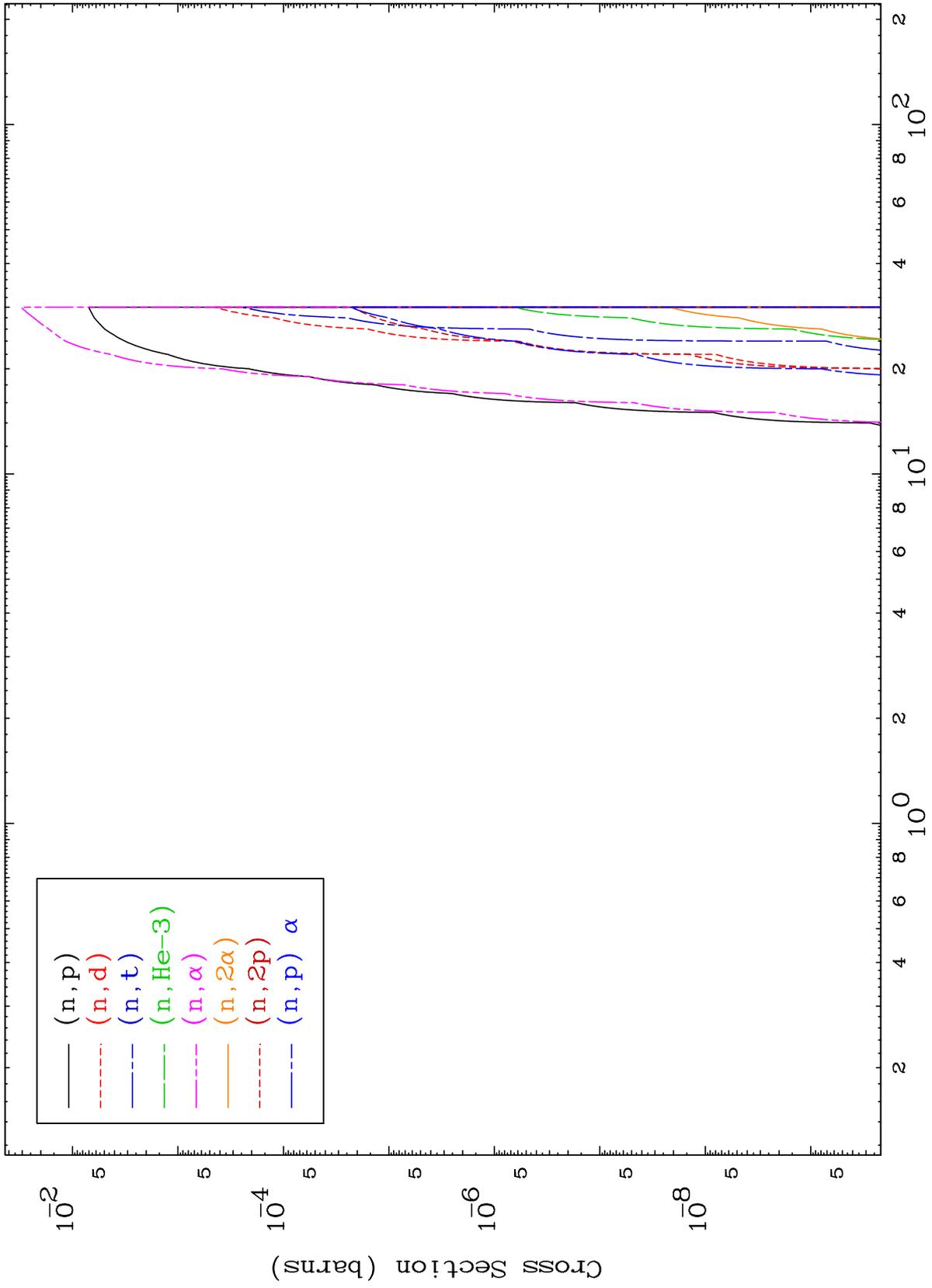
Incident Energy (MeV)

83-Bi-200

MAT 8298

α Neutron Absorption
0 Kelvin Cross Sections

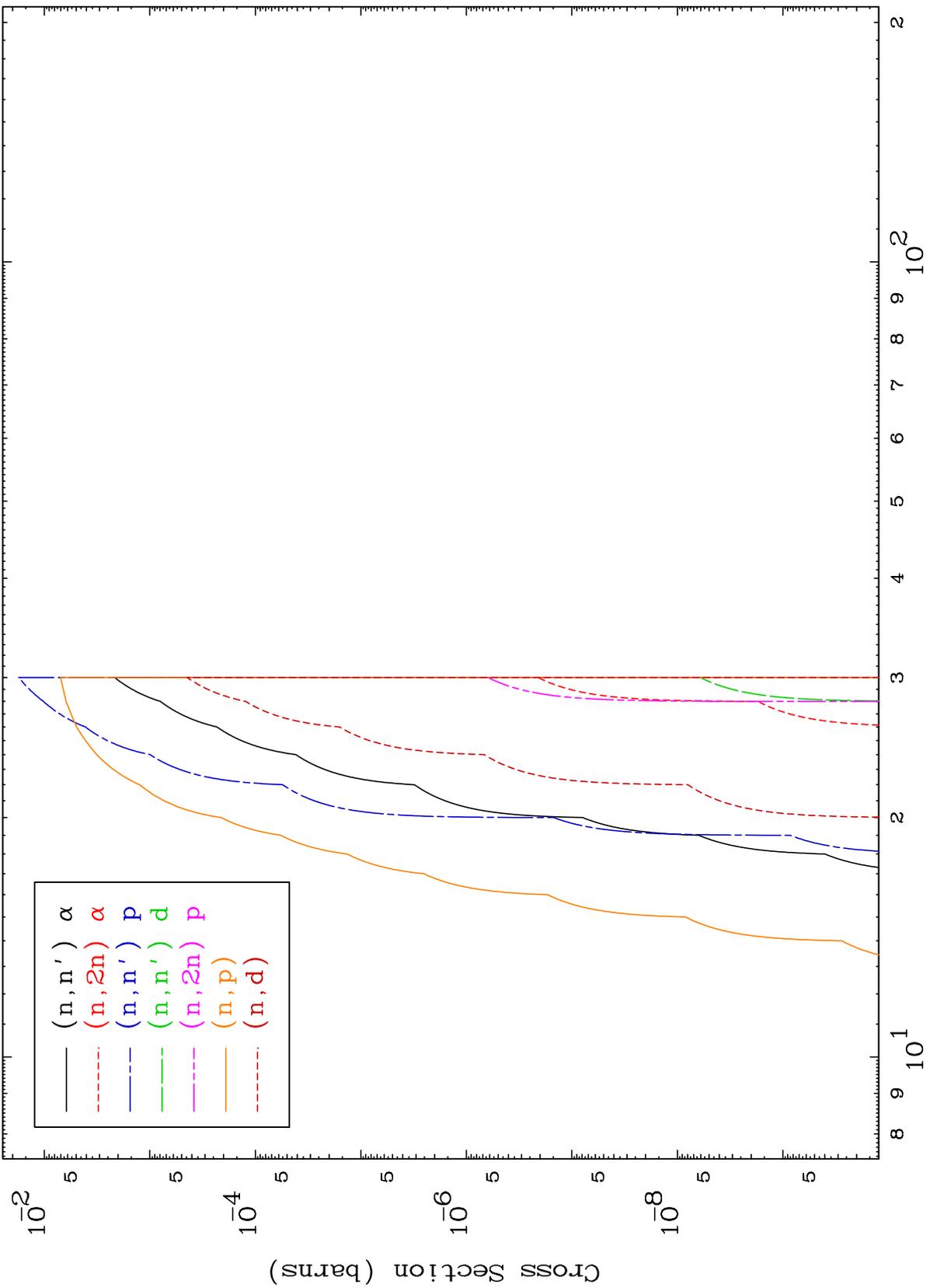
83-Bi-200



MAT 8298

α Charged Particle
0 Kelvin Cross Sections

83-Bi-200

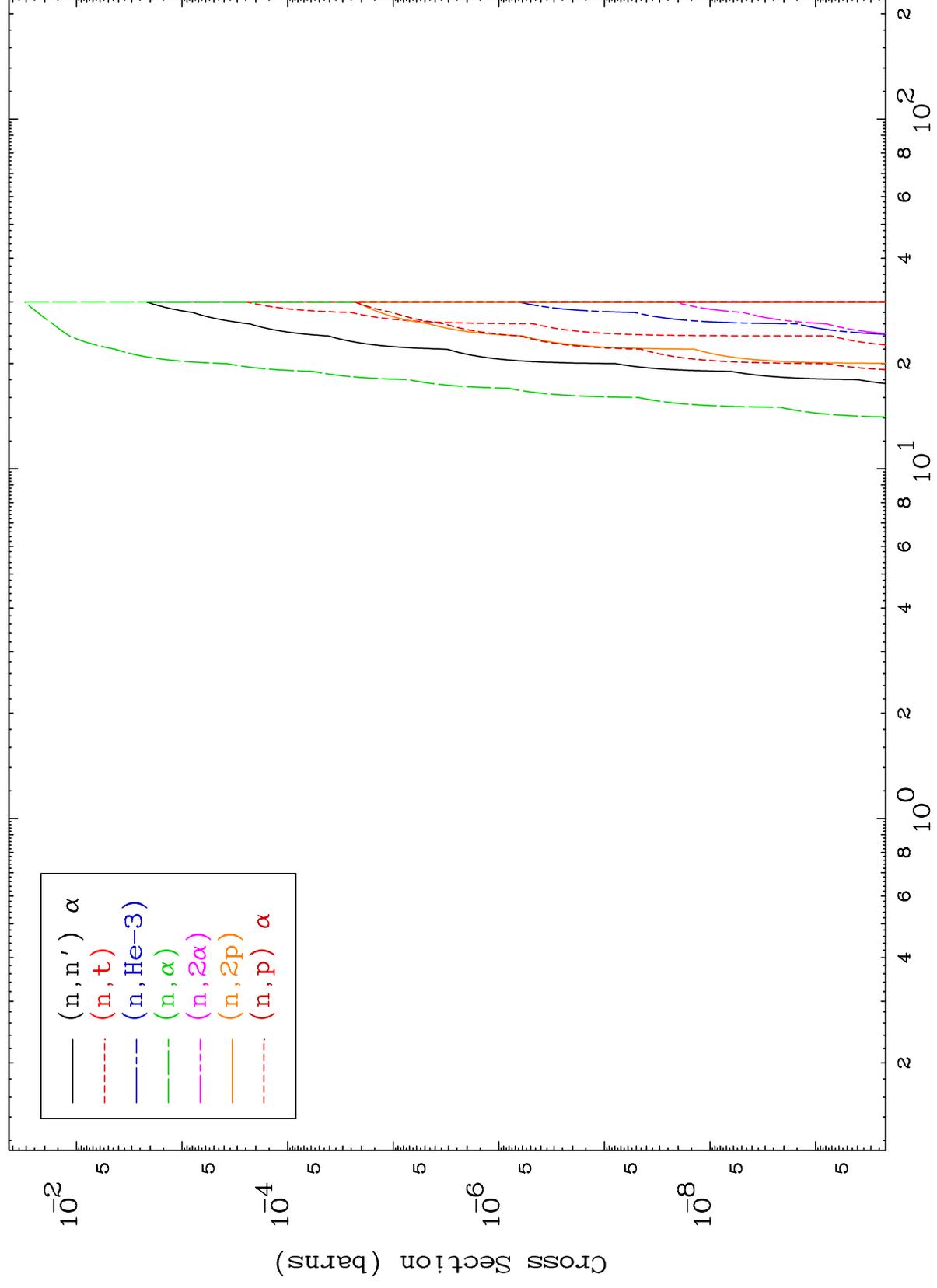


4

Incident Energy (MeV)

83-Bi-200

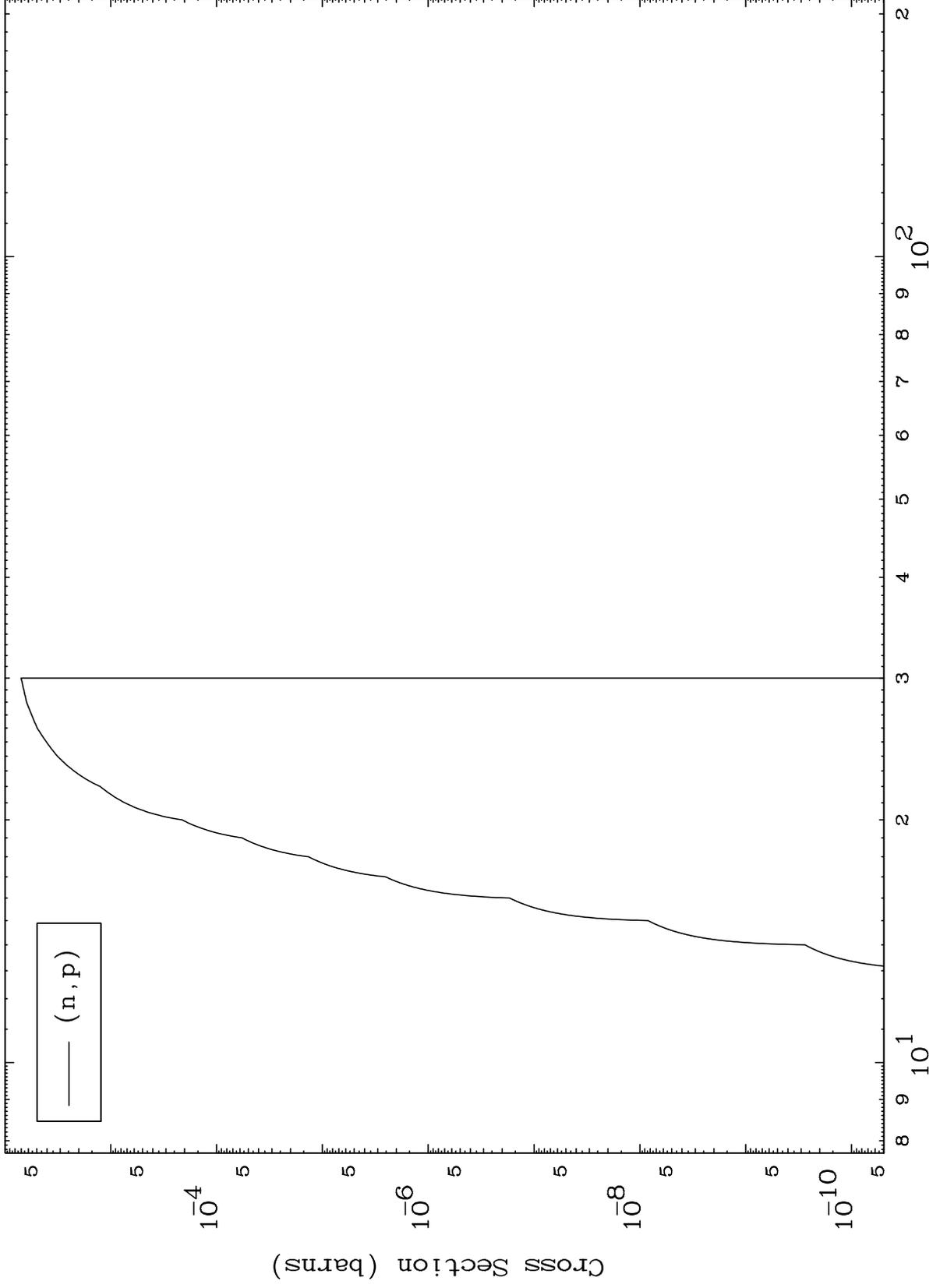
0 Kelvin Cross Sections



MAT 8298

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-200



(n, p)

Incident Energy (MeV)

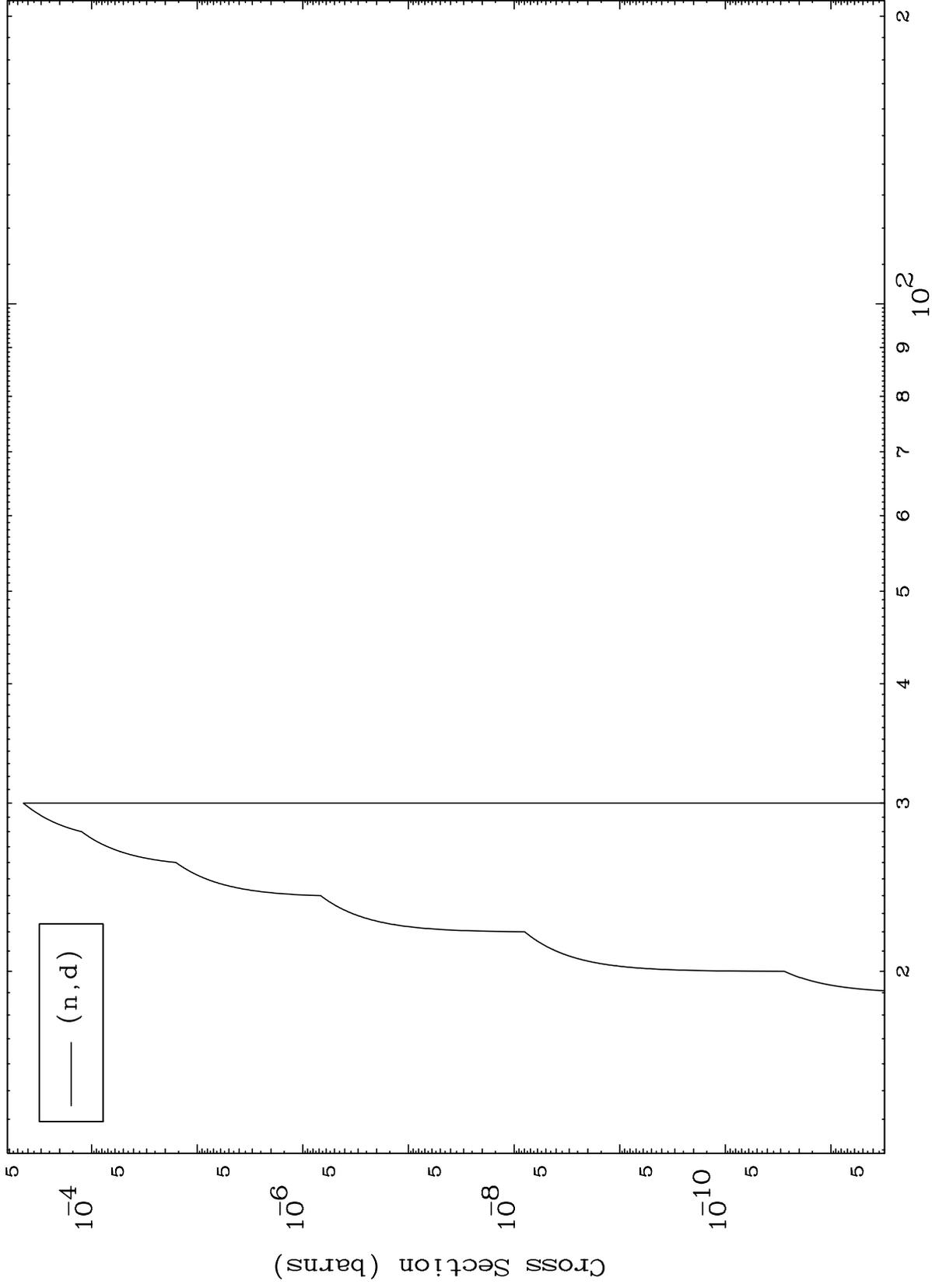
83-Bi-200

6

MAT 8298

(α, d) Levels
0 Kelvin Cross Sections

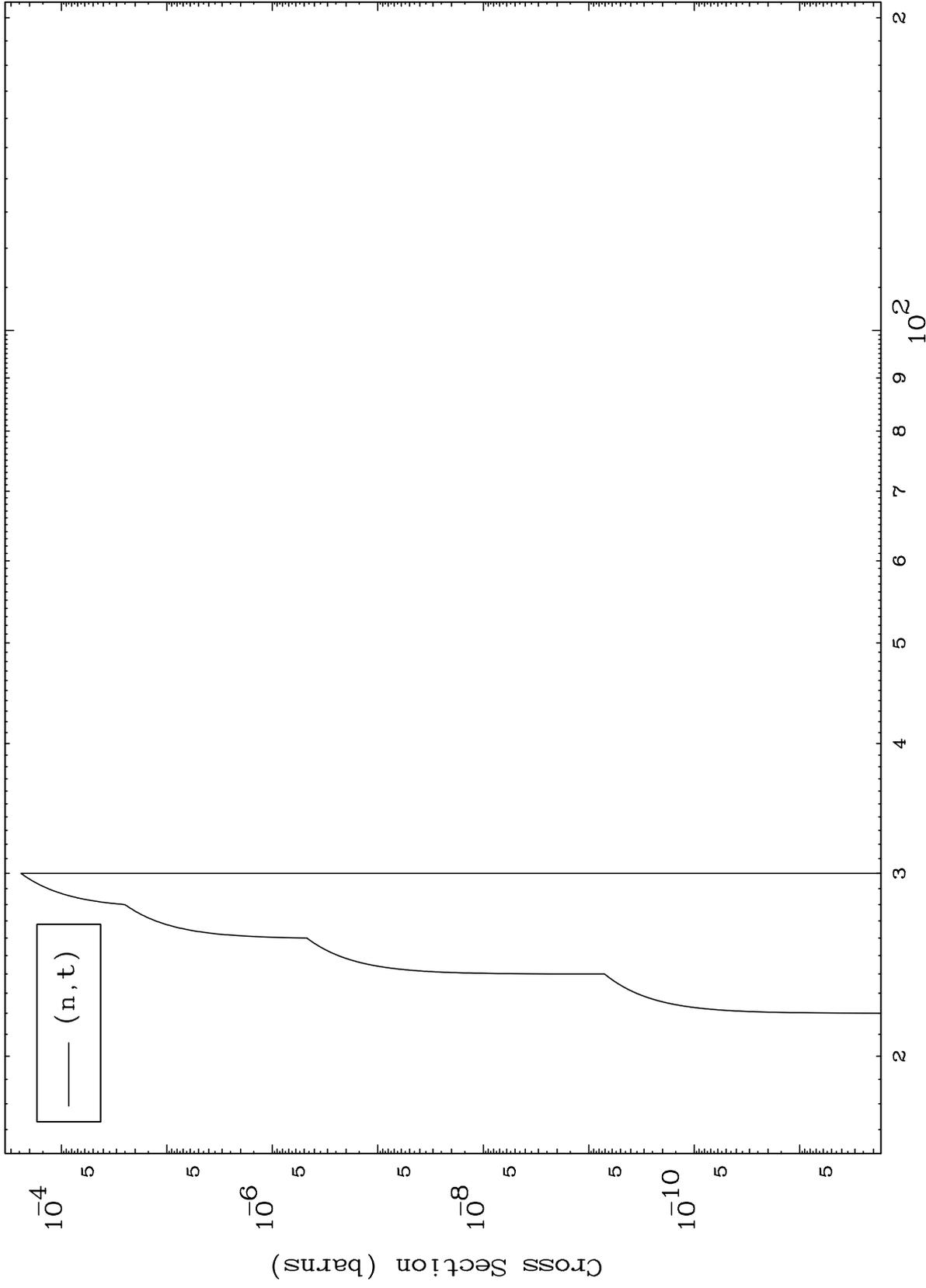
83-Bi-200



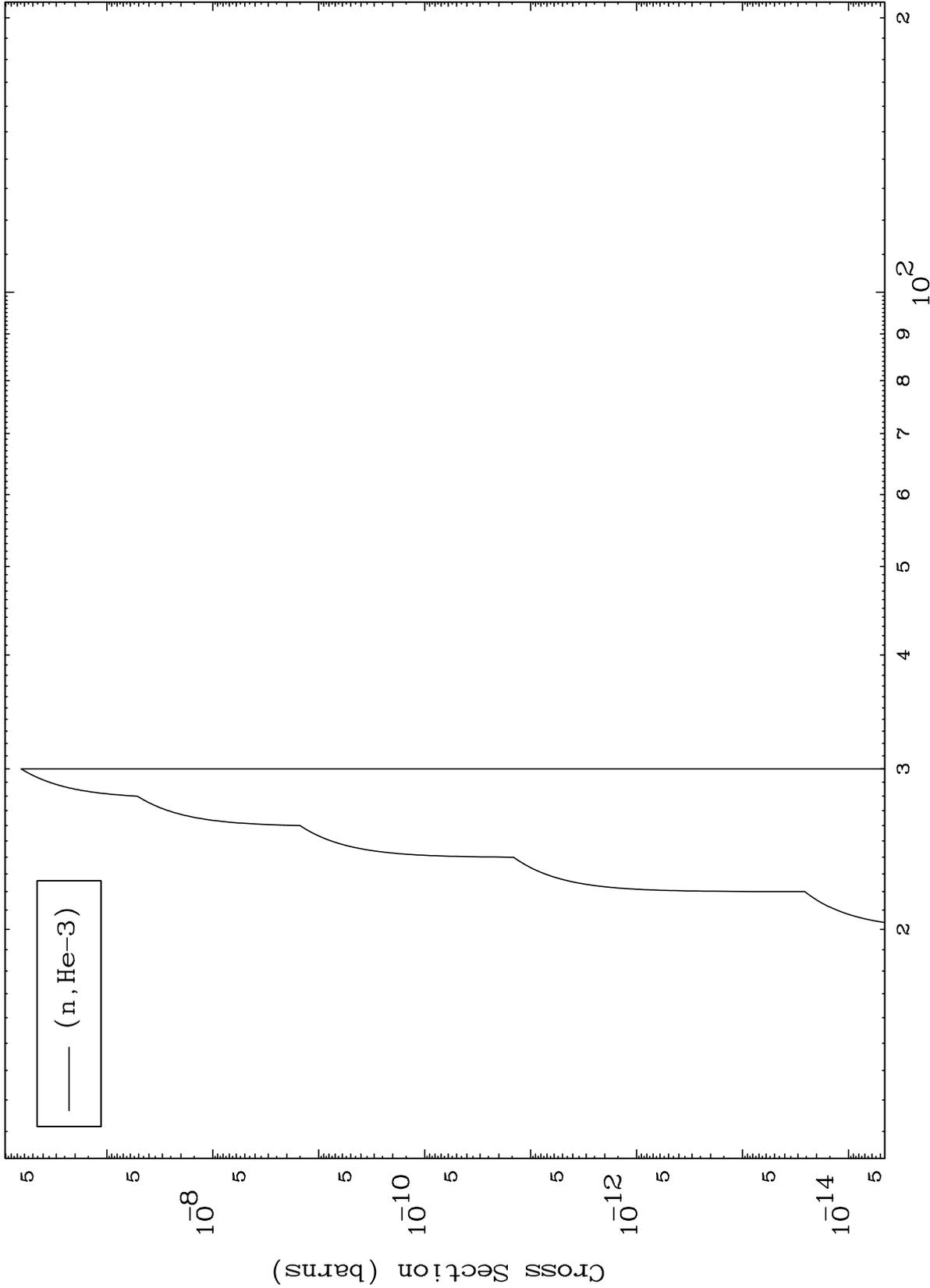
7

Incident Energy (MeV)

83-Bi-200



($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

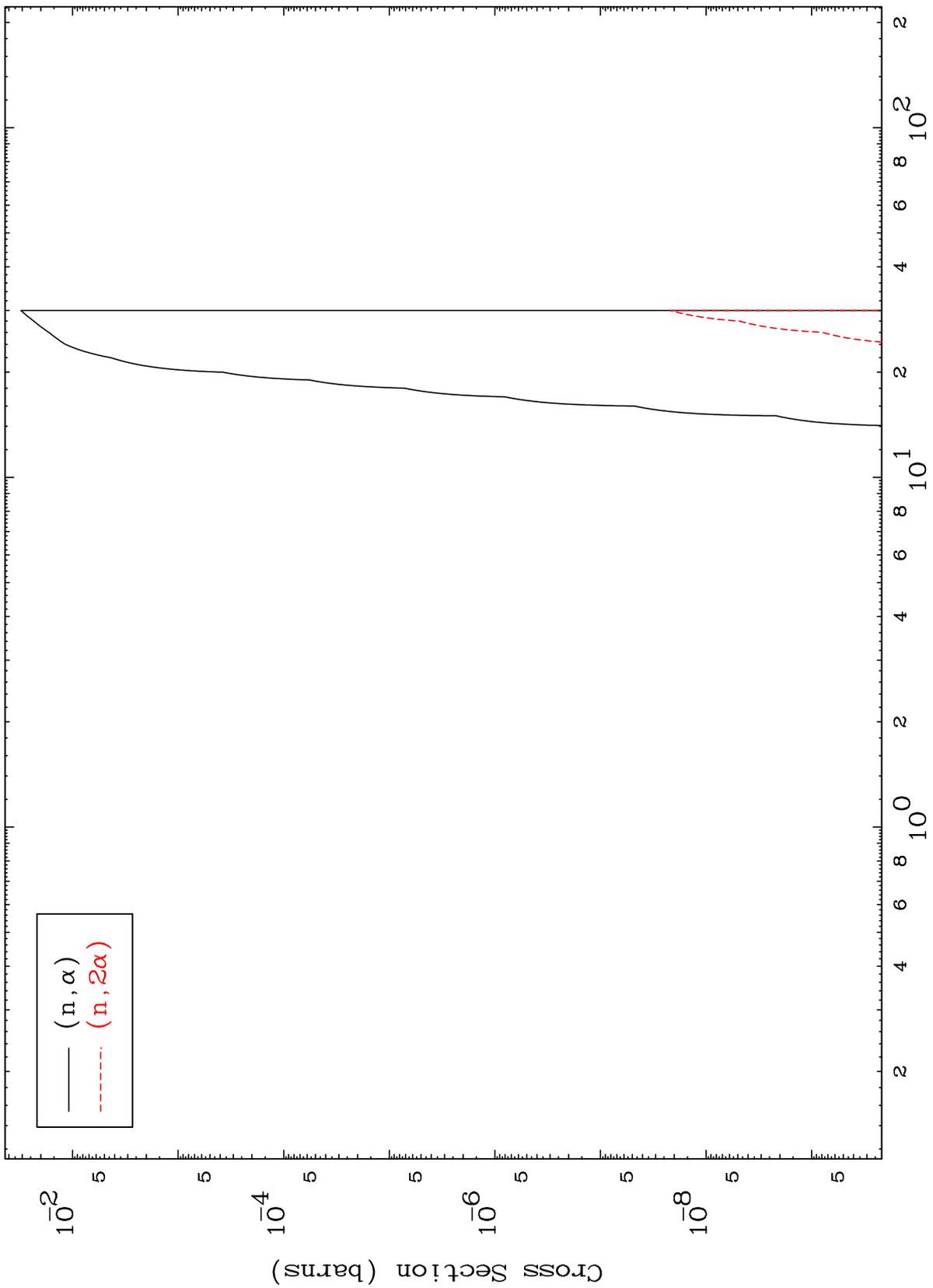


MAT 8298

(α, α) Levels

83-Bi-200

0 Kelvin Cross Sections



10

Incident Energy (MeV)

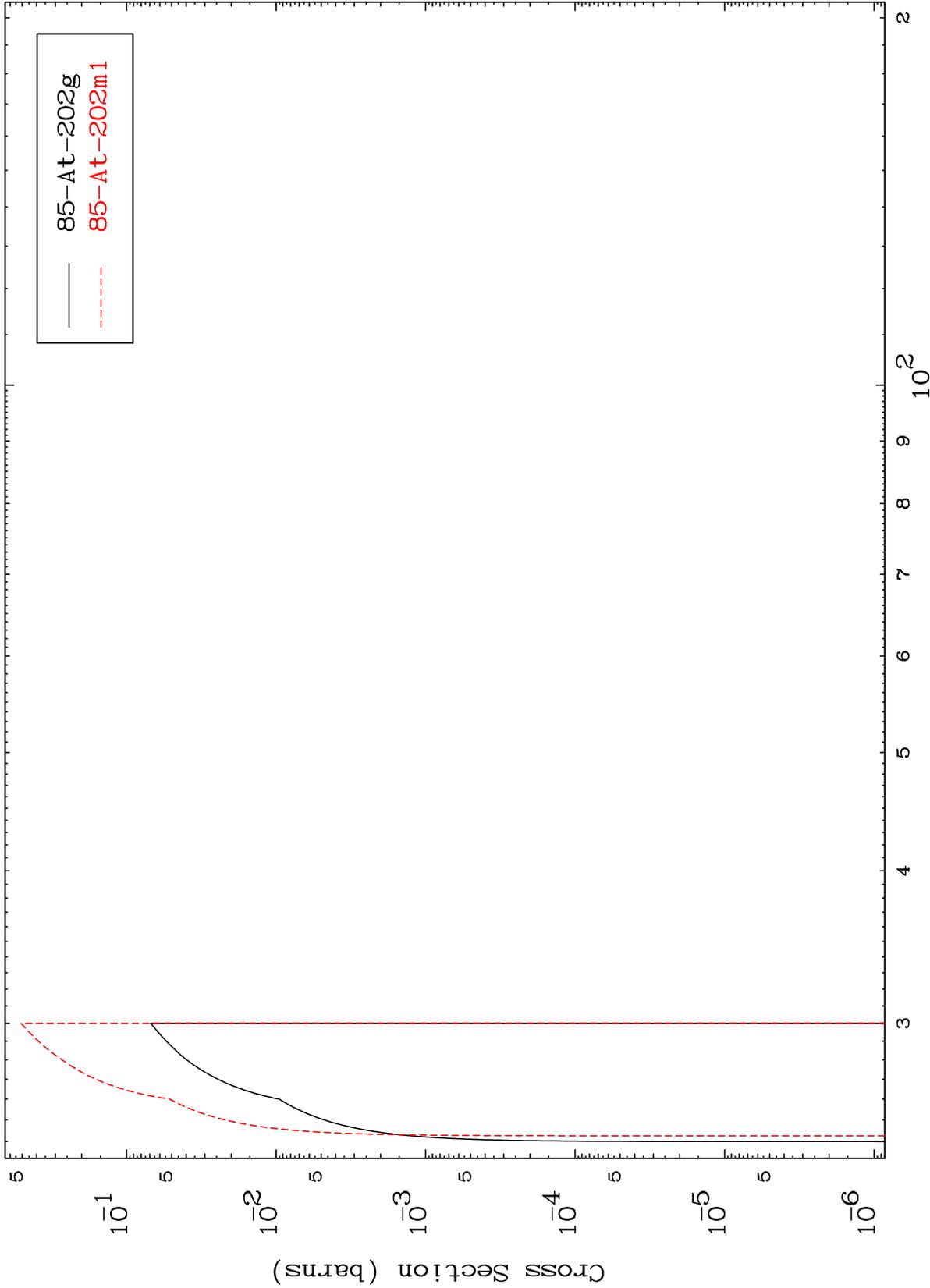
83-Bi-200

MAT 8298

(n,2n)

83-Bi-200

Radionuclide Production Cross Section

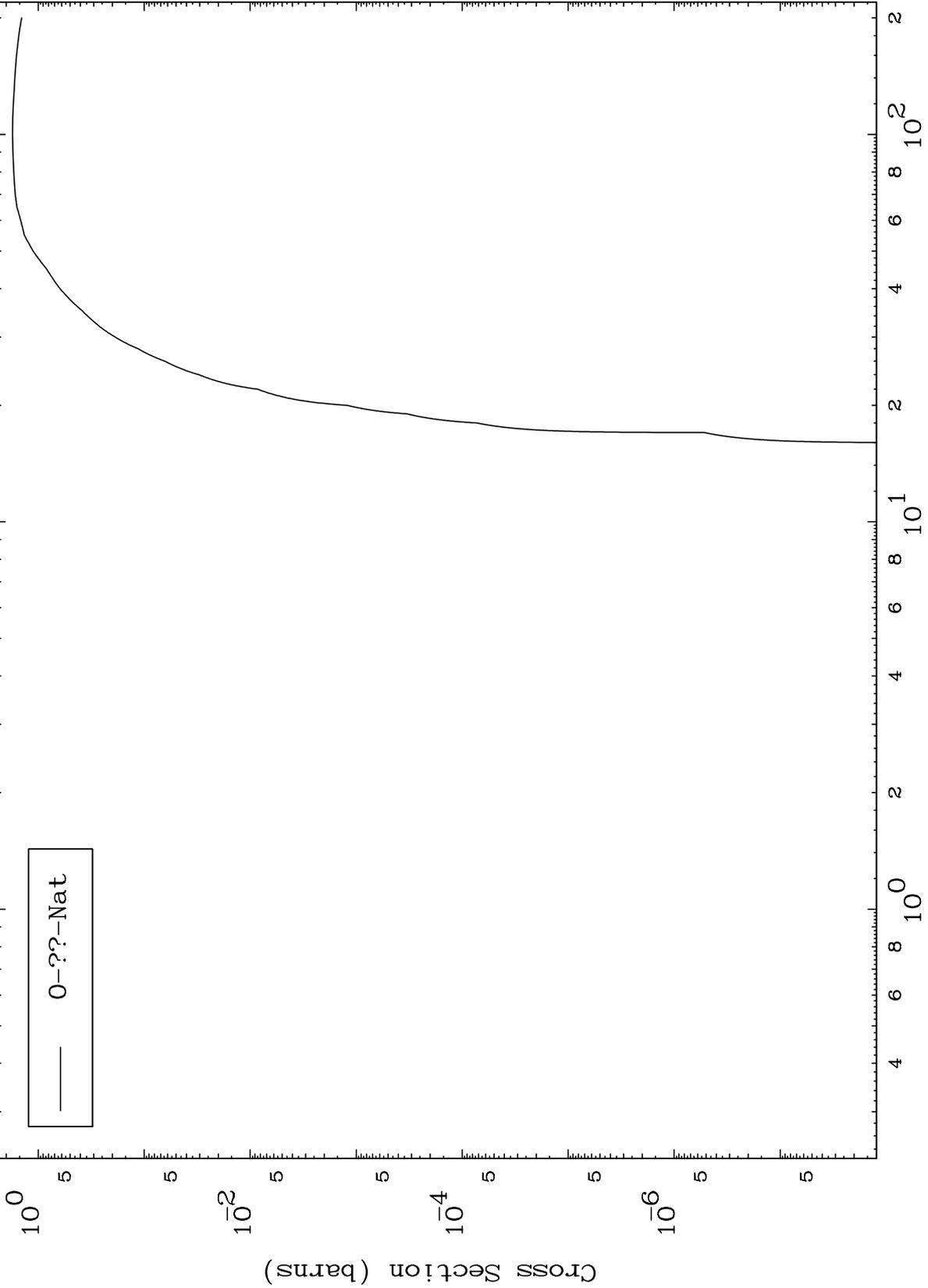


MAT 8298

Fission

83-Bi-200

Radionuclide Production Cross Section

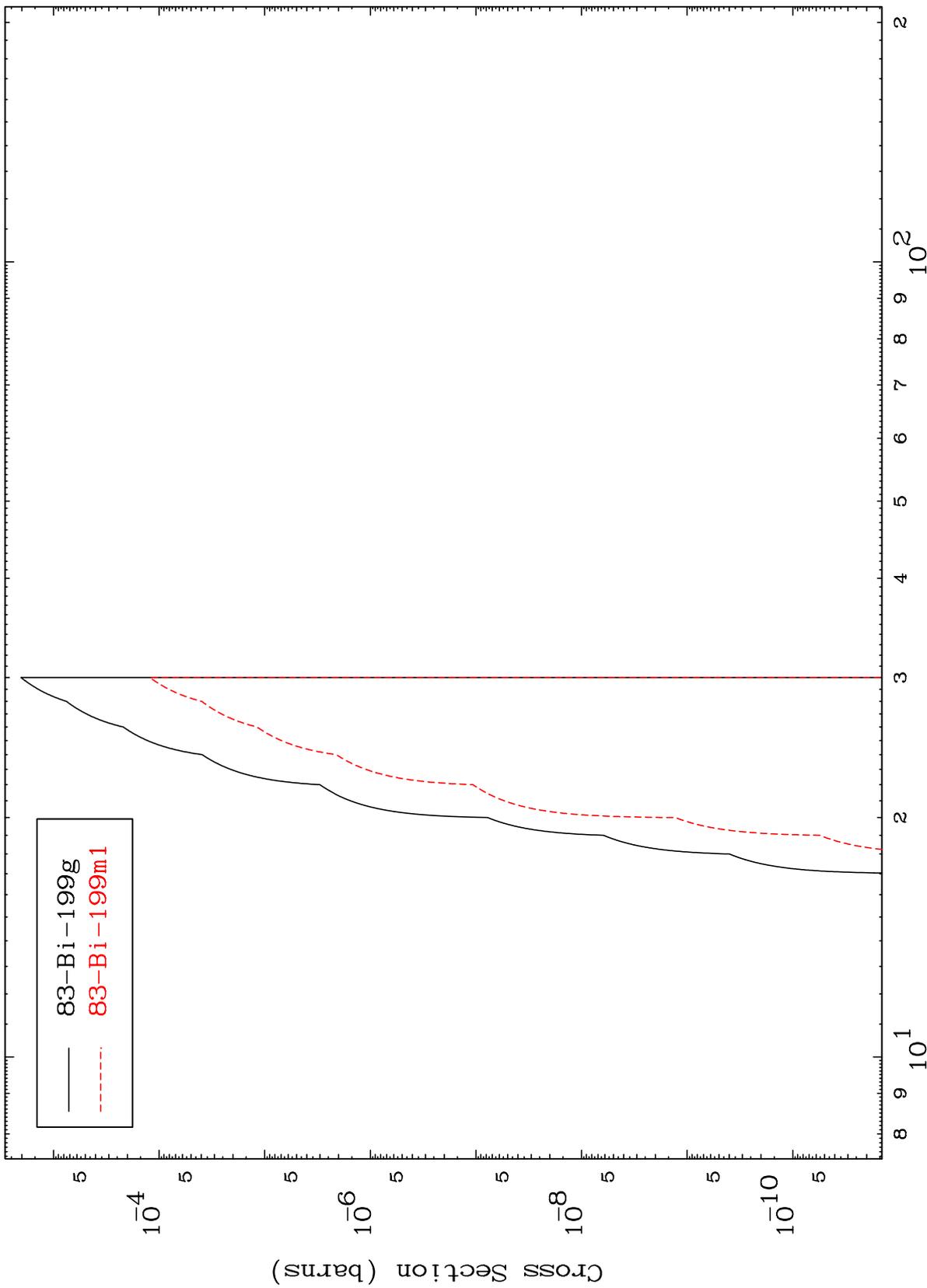


MAT 8298

$(n, n') \alpha$

83-Bi-200

Radionuclide Production Cross Section



13

Incident Energy (MeV)

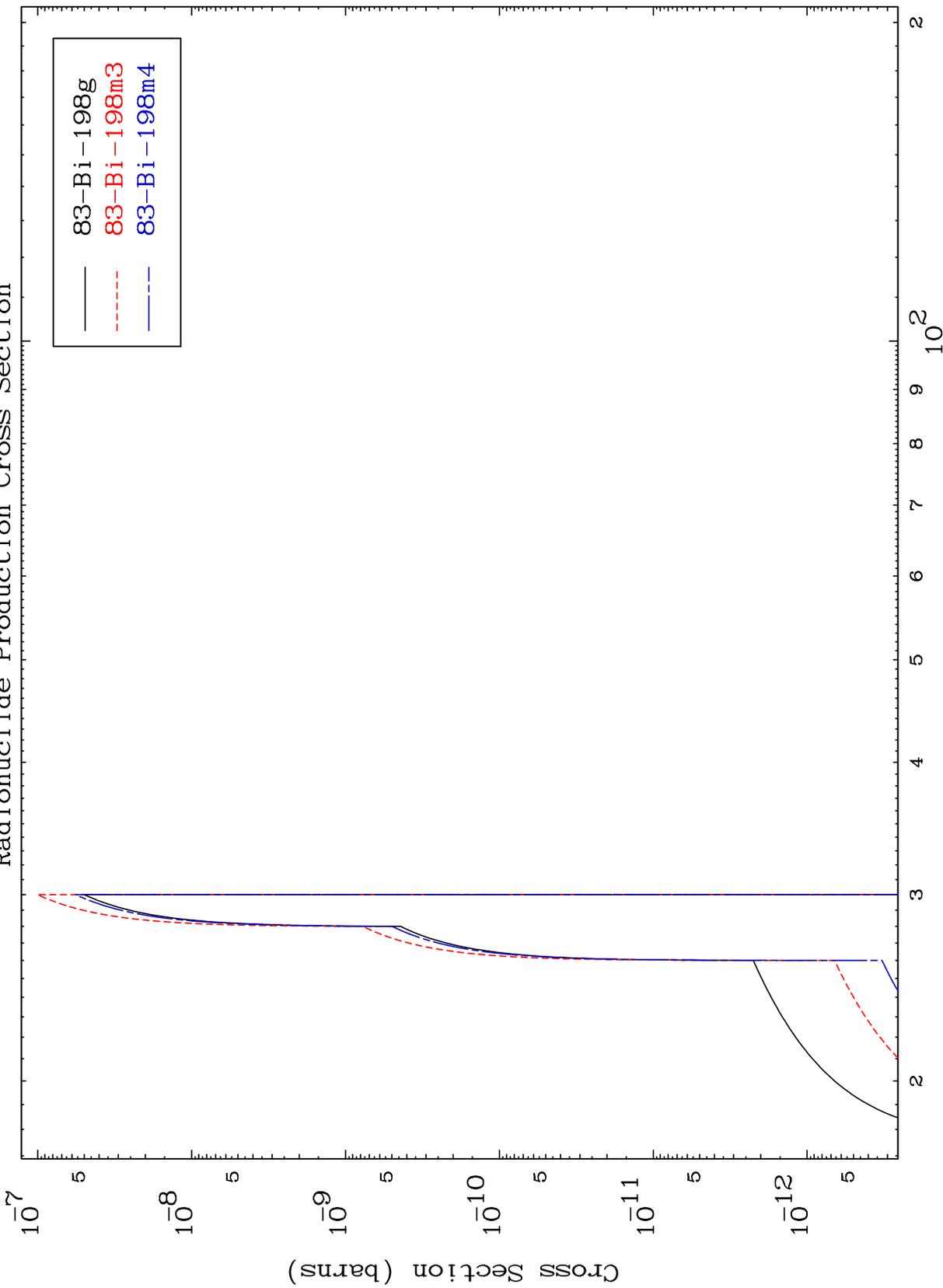
83-Bi-200

MAT 8298

$(n,2n) \alpha$

83-Bi-200

Radionuclide Production Cross Section



14

Incident Energy (MeV)

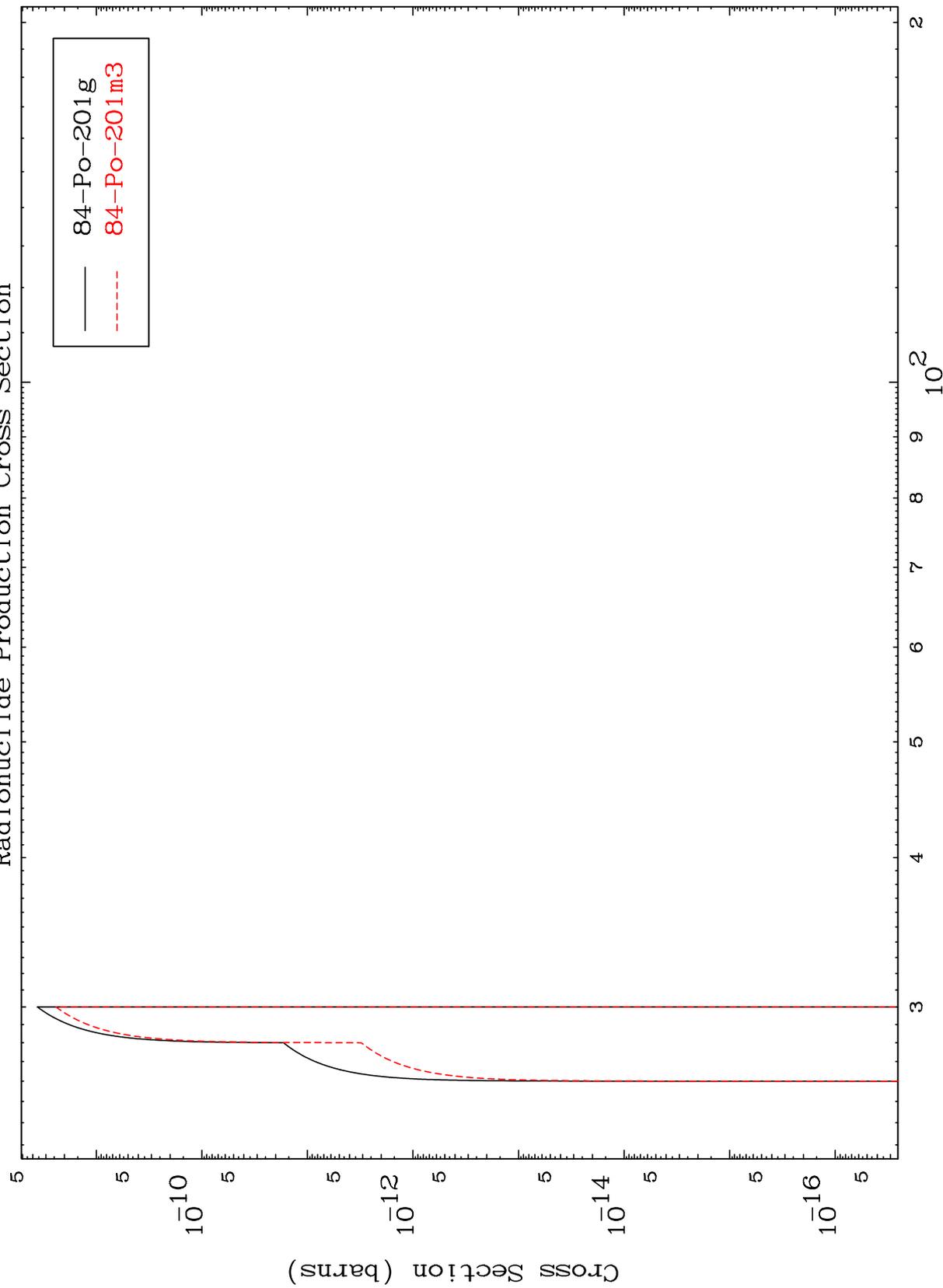
83-Bi-200

MAT 8298

(n,n') d

83-Bi-200

Radionuclide Production Cross Section

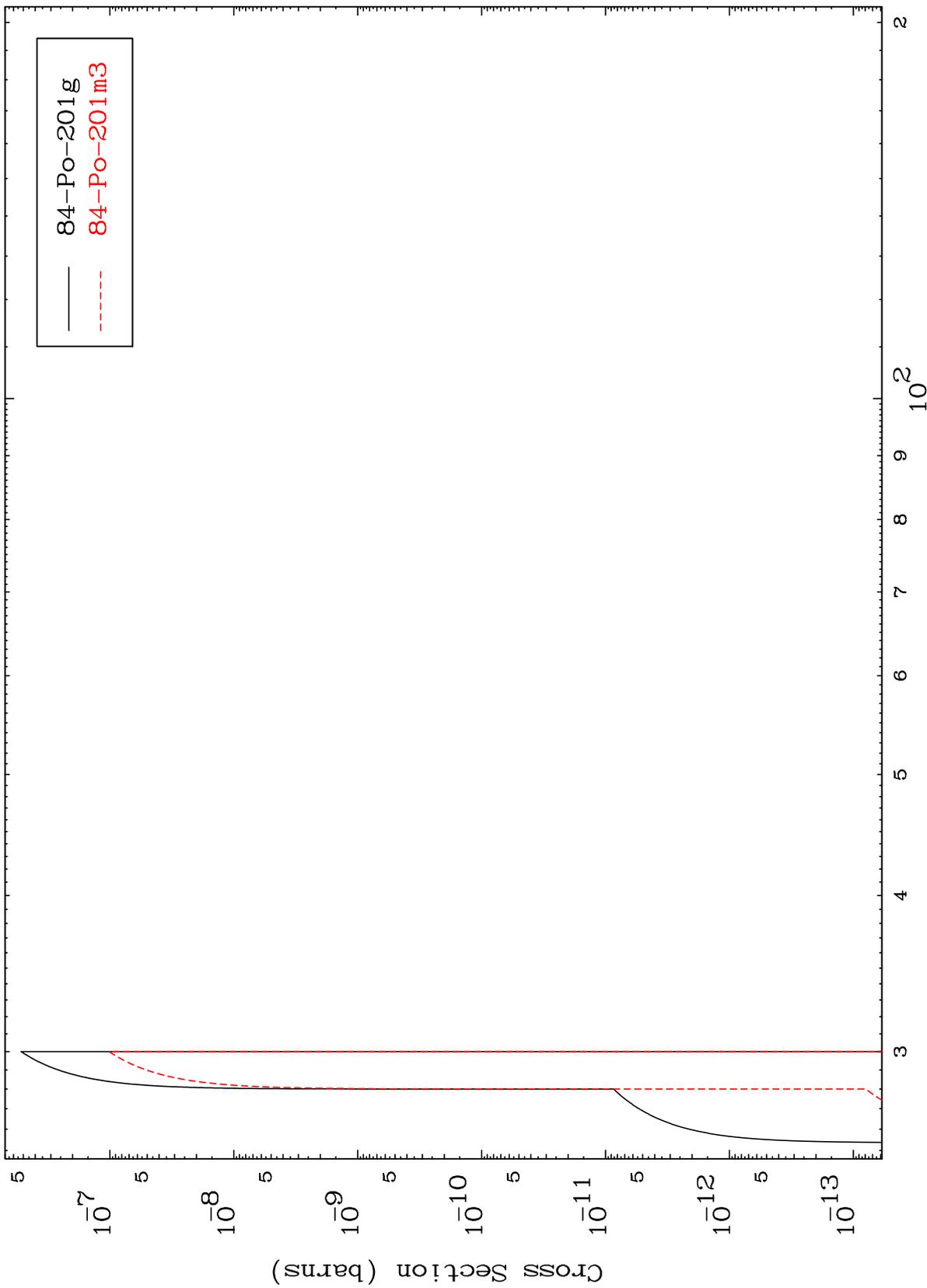


15

Incident Energy (MeV)

83-Bi-200

Radionuclide Production Cross Section



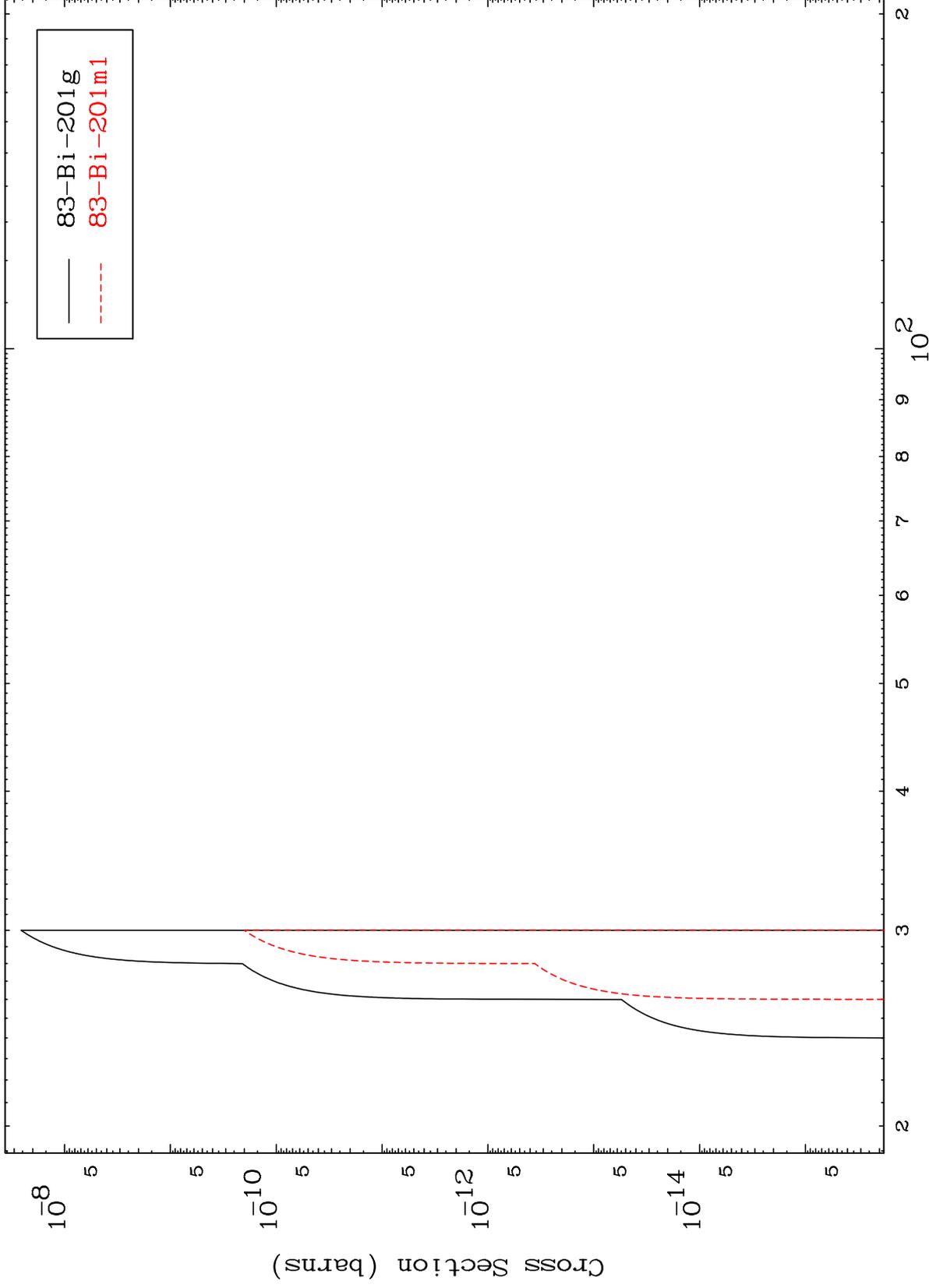
84-Po-201g
84-Po-201m3

MAT 8298

(n,2n) p

83-Bi-200

Radionuclide Production Cross Section



17

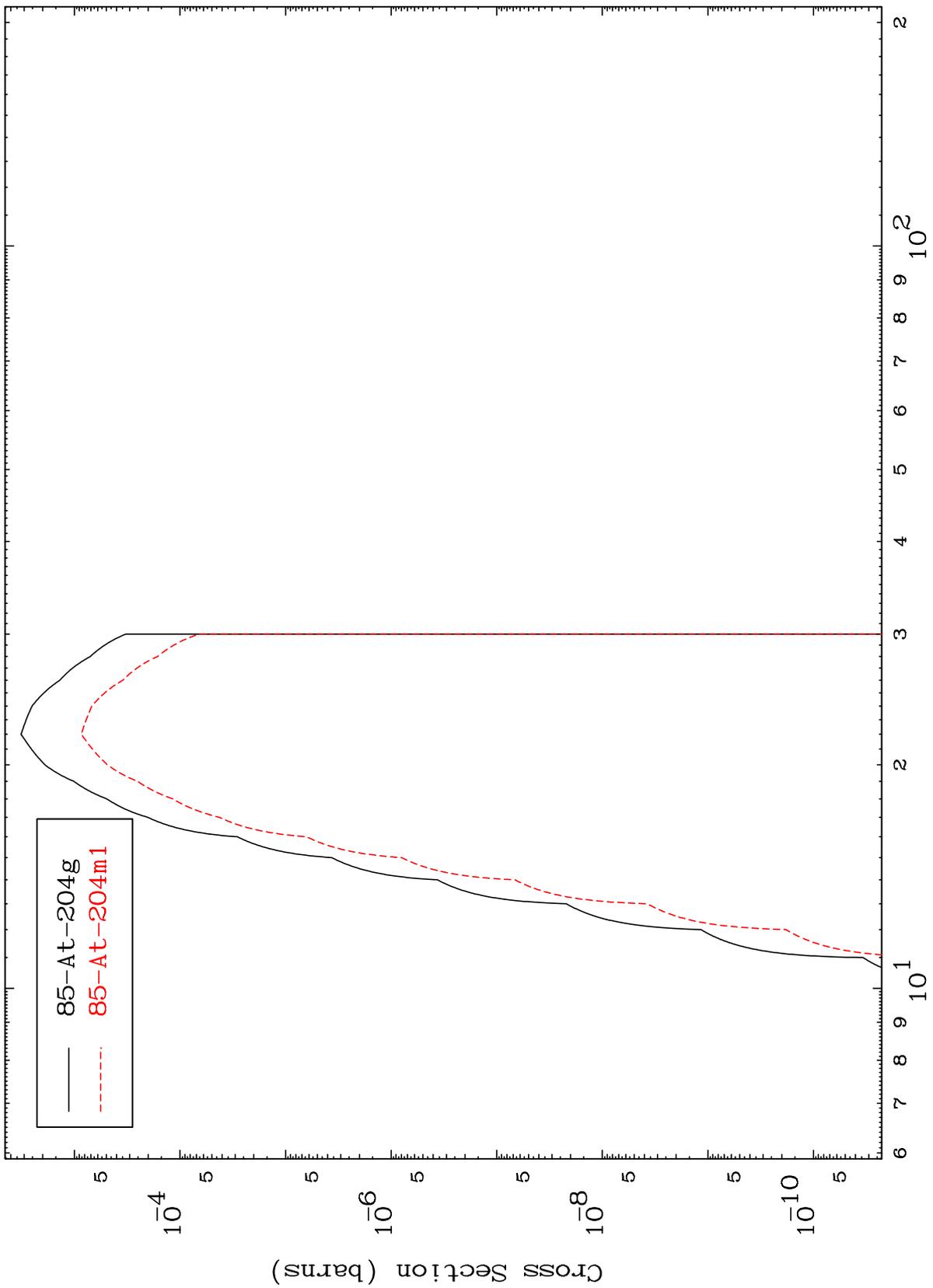
Incident Energy (MeV)

83-Bi-200

MAT 8298

83-Bi-200

(n,γ)
Radionuclide Production Cross Section



18

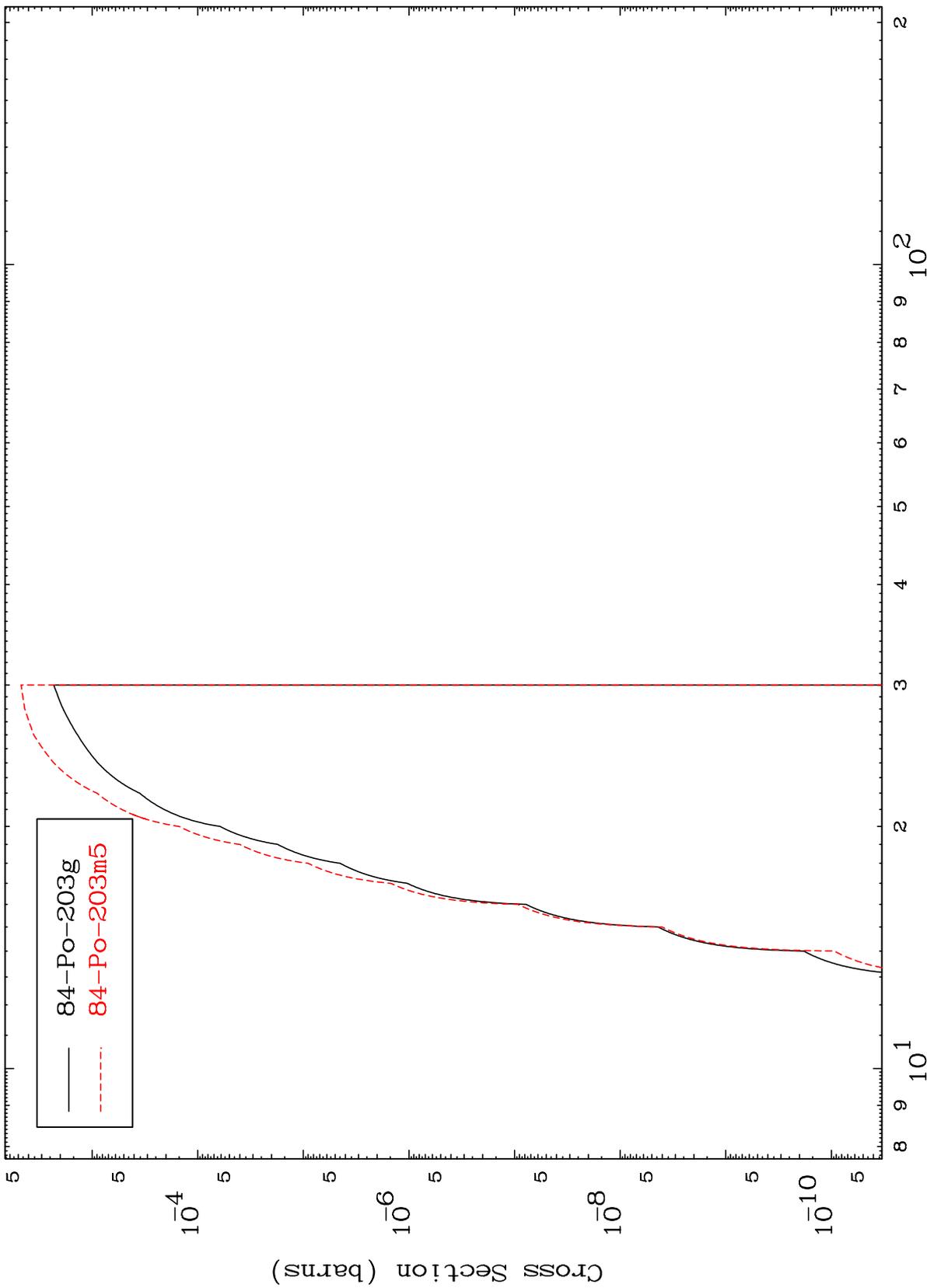
Incident Energy (MeV)

83-Bi-200

MAT 8298

83-Bi-200

(n,p)
Radionuclide Production Cross Section

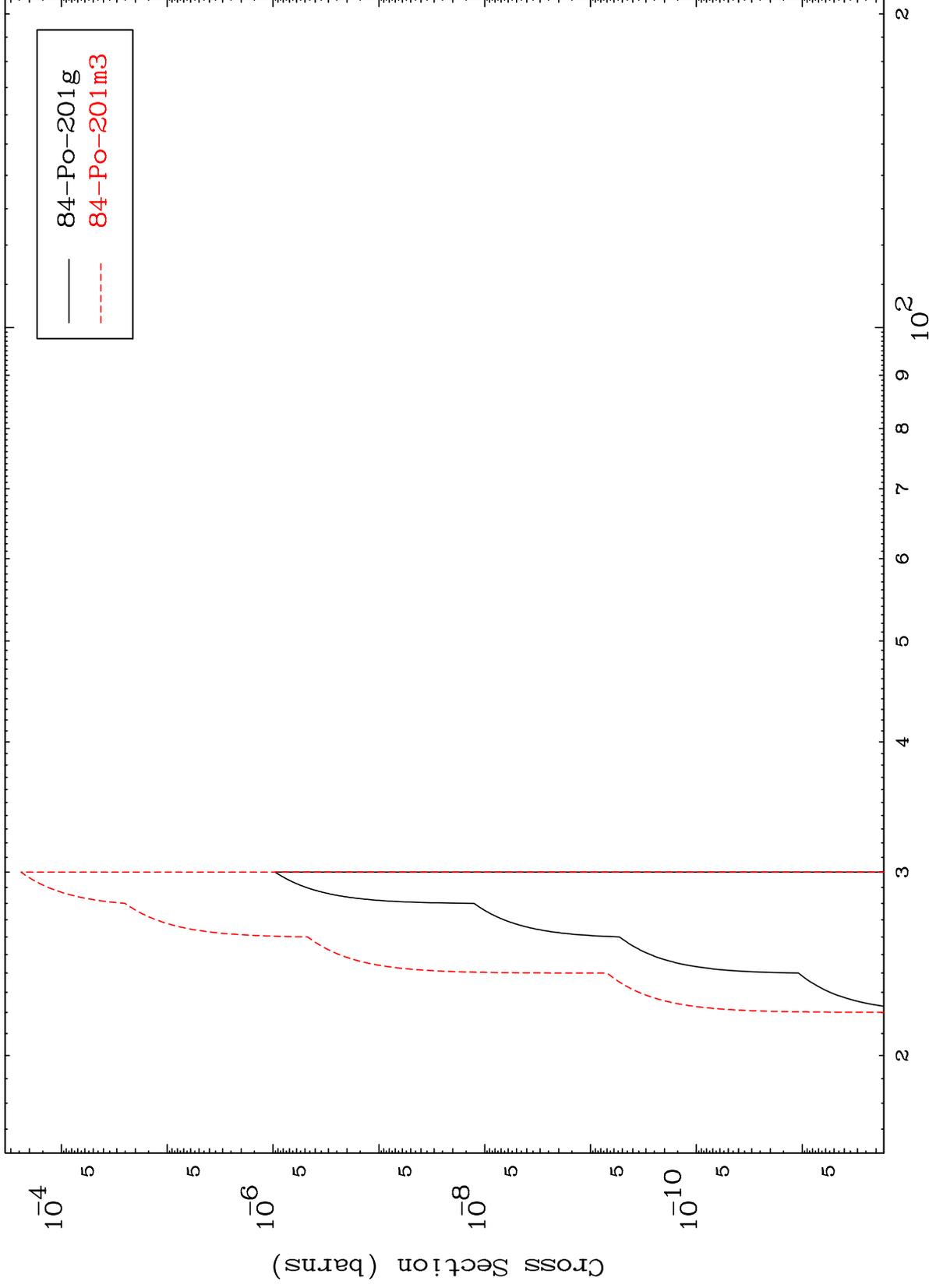


19

Incident Energy (MeV)

83-Bi-200

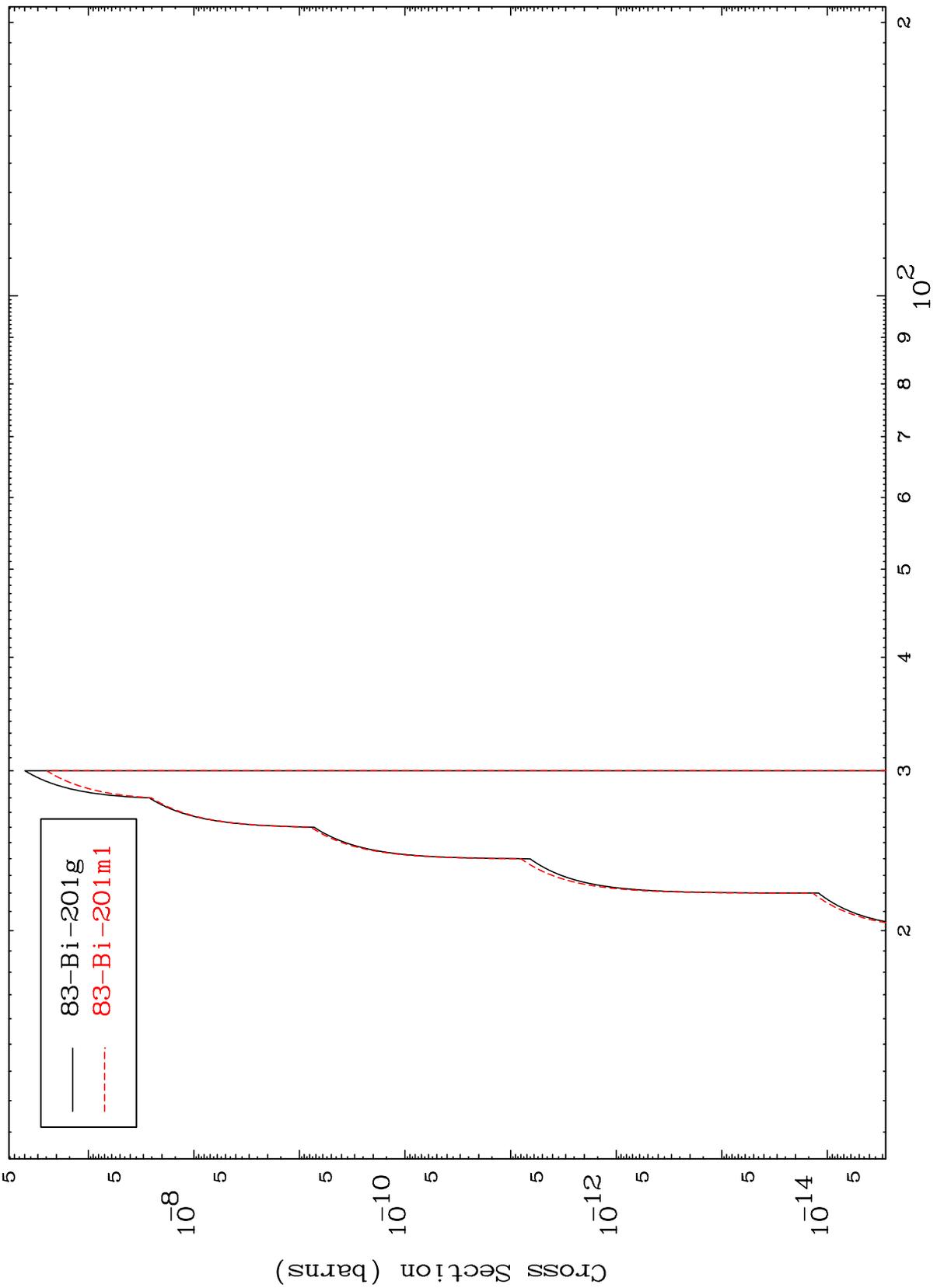
(n, t)
Radionuclide Production Cross Section



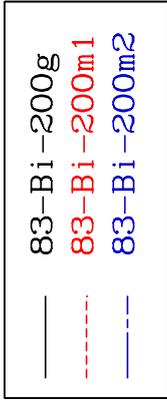
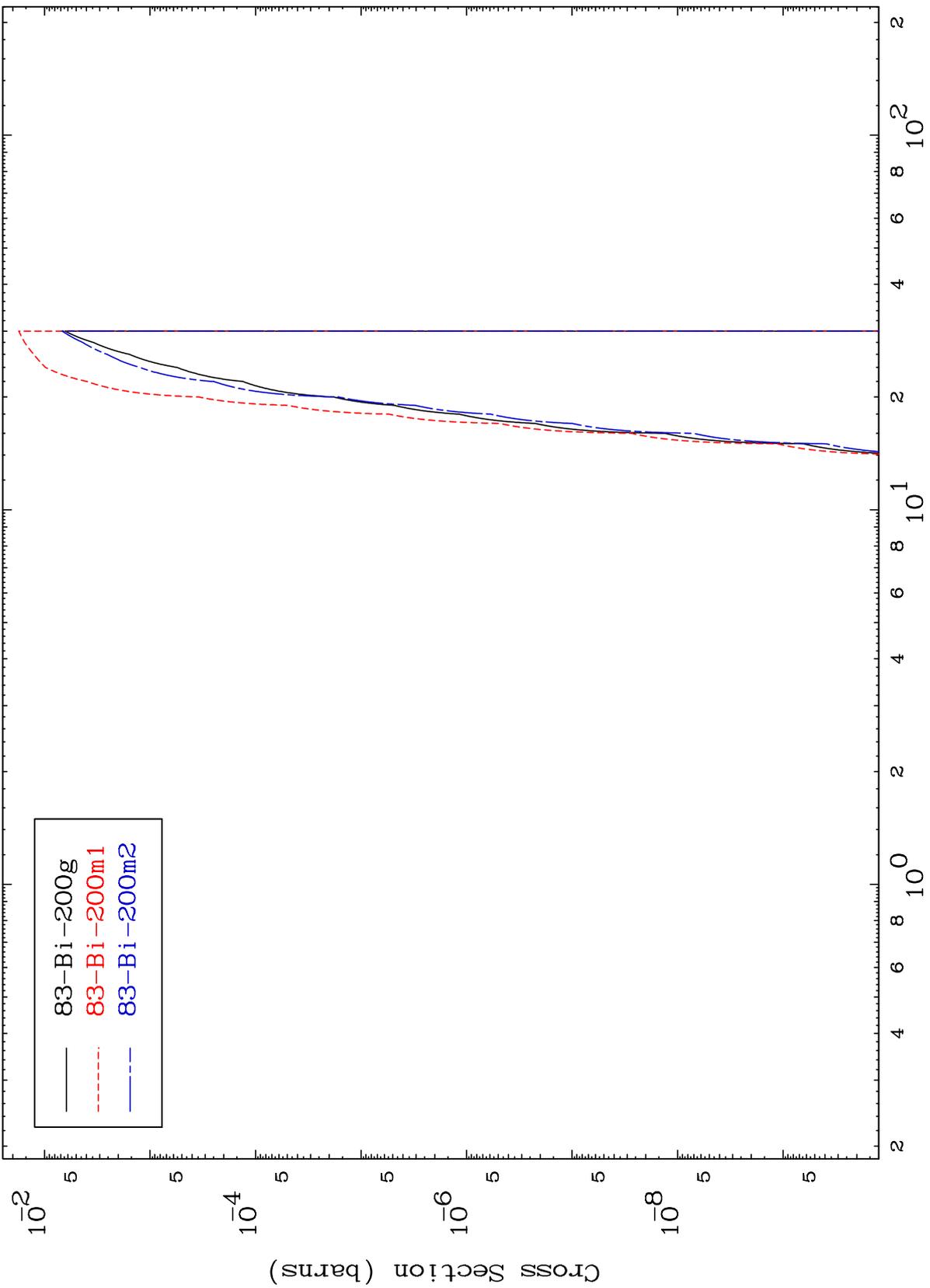
MAT 8298

83-Bi-200

(n,He-3)
Radionuclide Production Cross Section



(n, α)
Radionuclide Production Cross Section

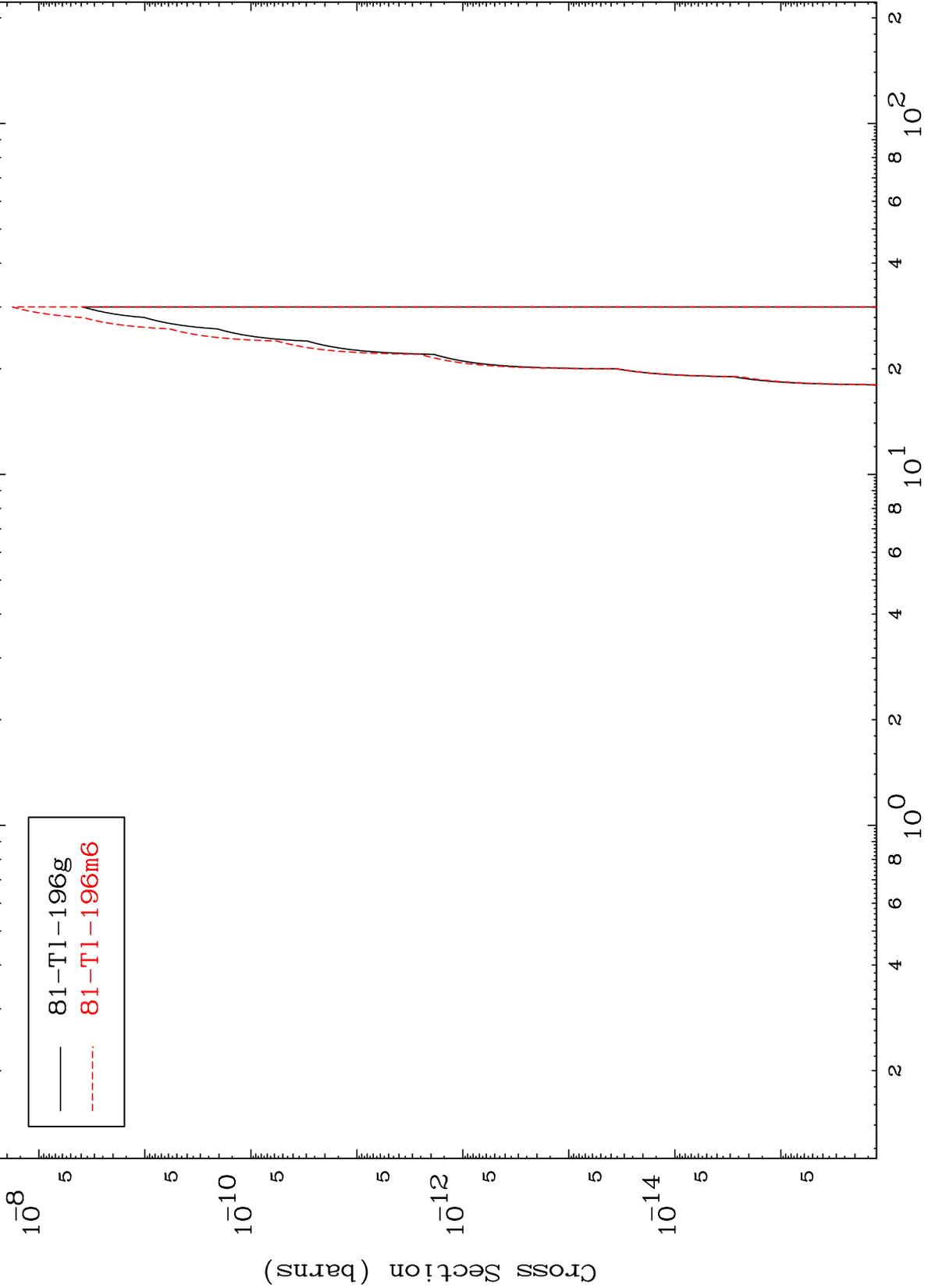


MAT 8298

(n,2α)

83-Bi-200

Radionuclide Production Cross Section



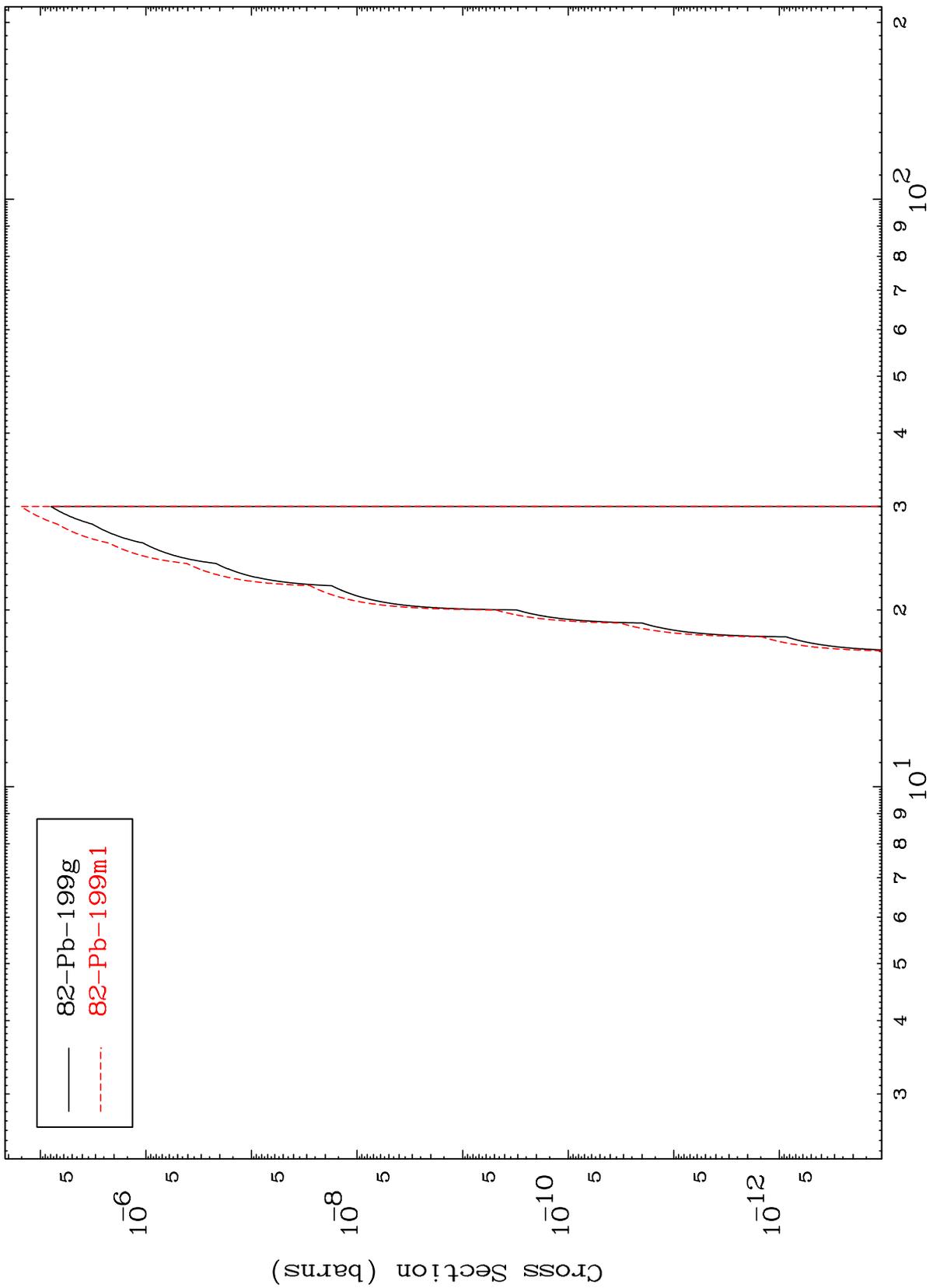
81-Tl-196g
81-Tl-196m6

MAT 8298

(n,p) α

83-Bi-200

Radionuclide Production Cross Section



24

Incident Energy (MeV)

83-Bi-200