

Program EVALPLOT
(Version 2018-1)

by

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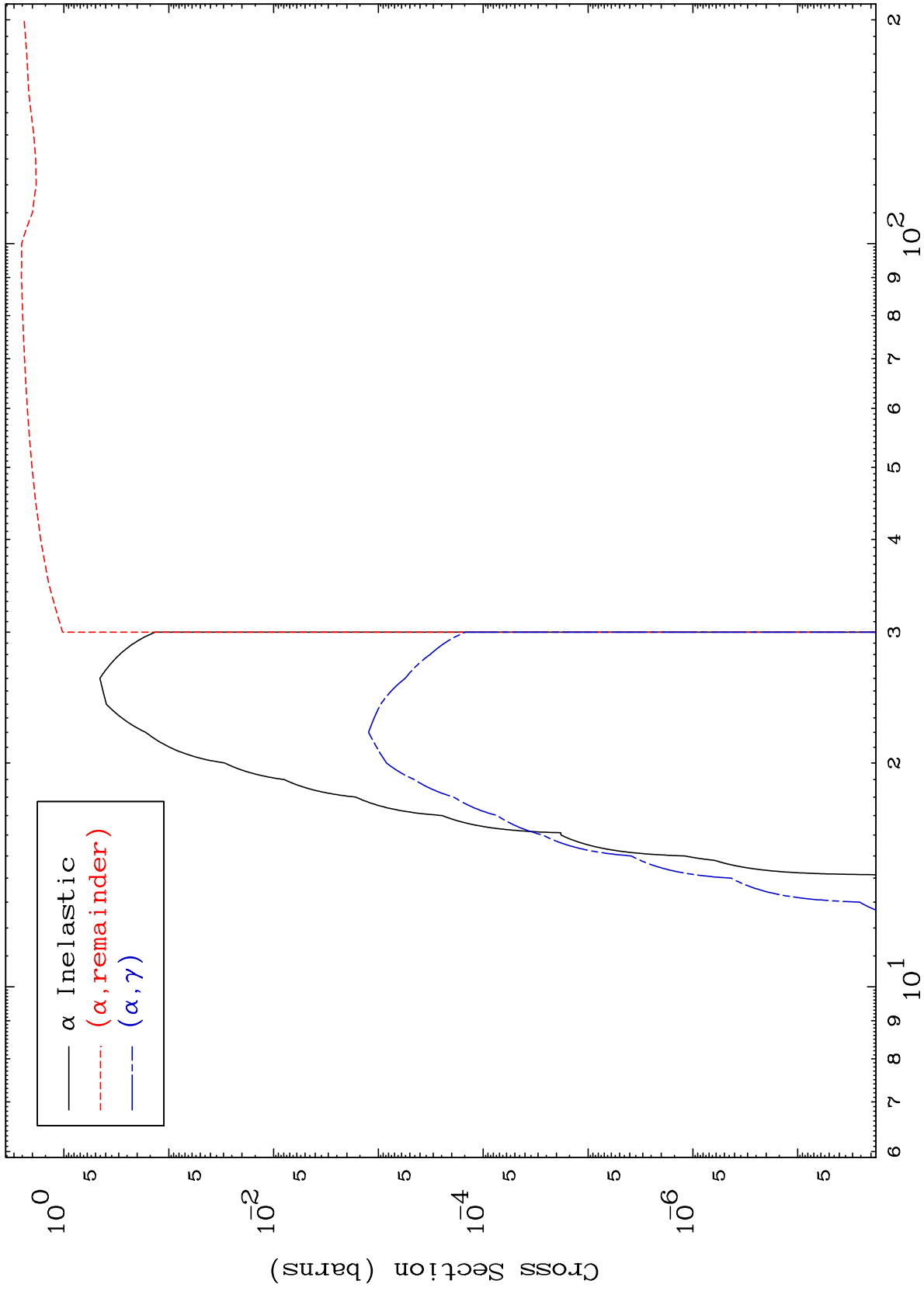
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8298

0 Kelvin α Major
Cross Sections

83-Bi-200



1

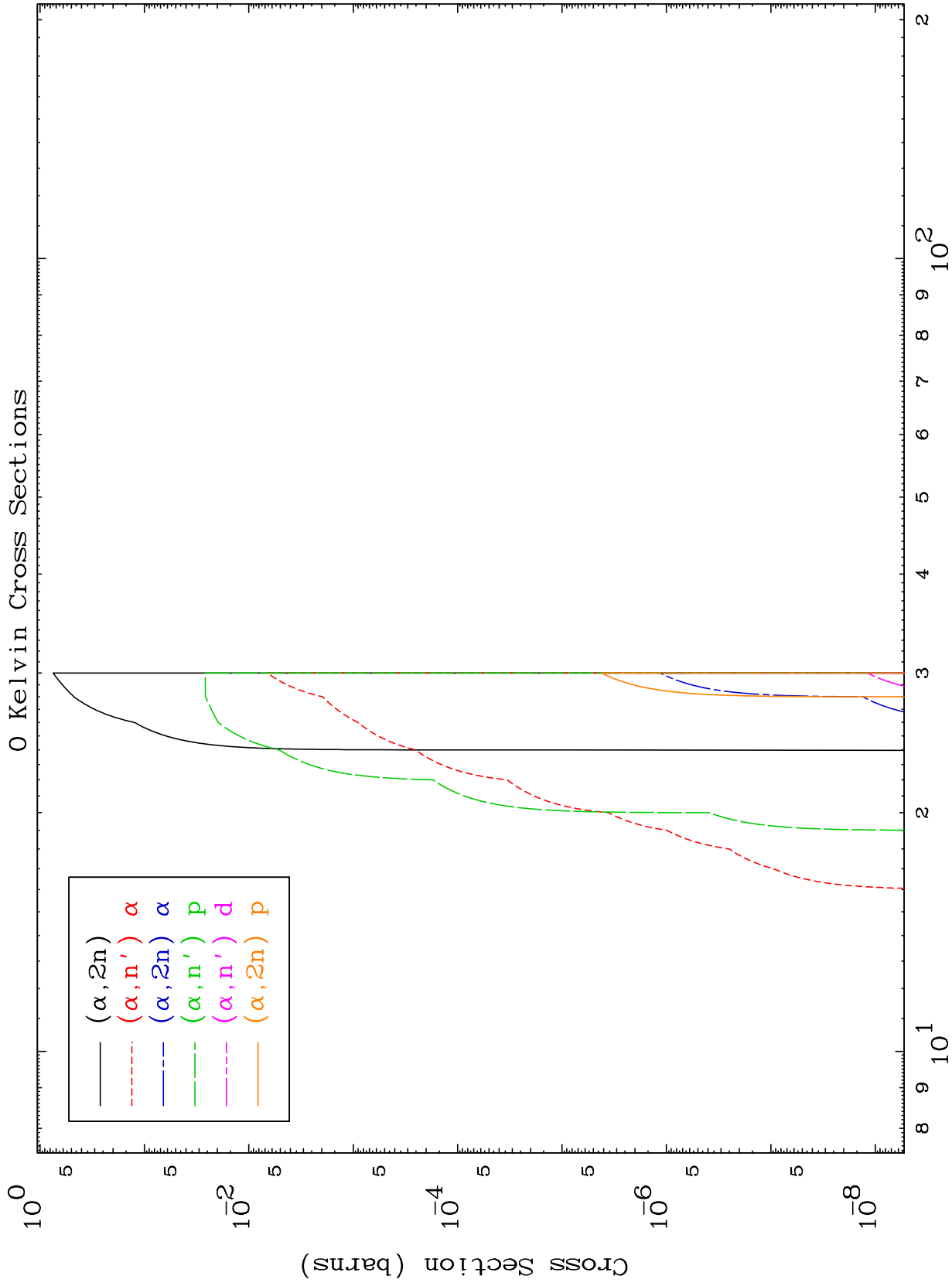
Incident Energy (MeV)

83-Bi-200

MAT 8298

α Neutron Production
0 Kelvin Cross Sections

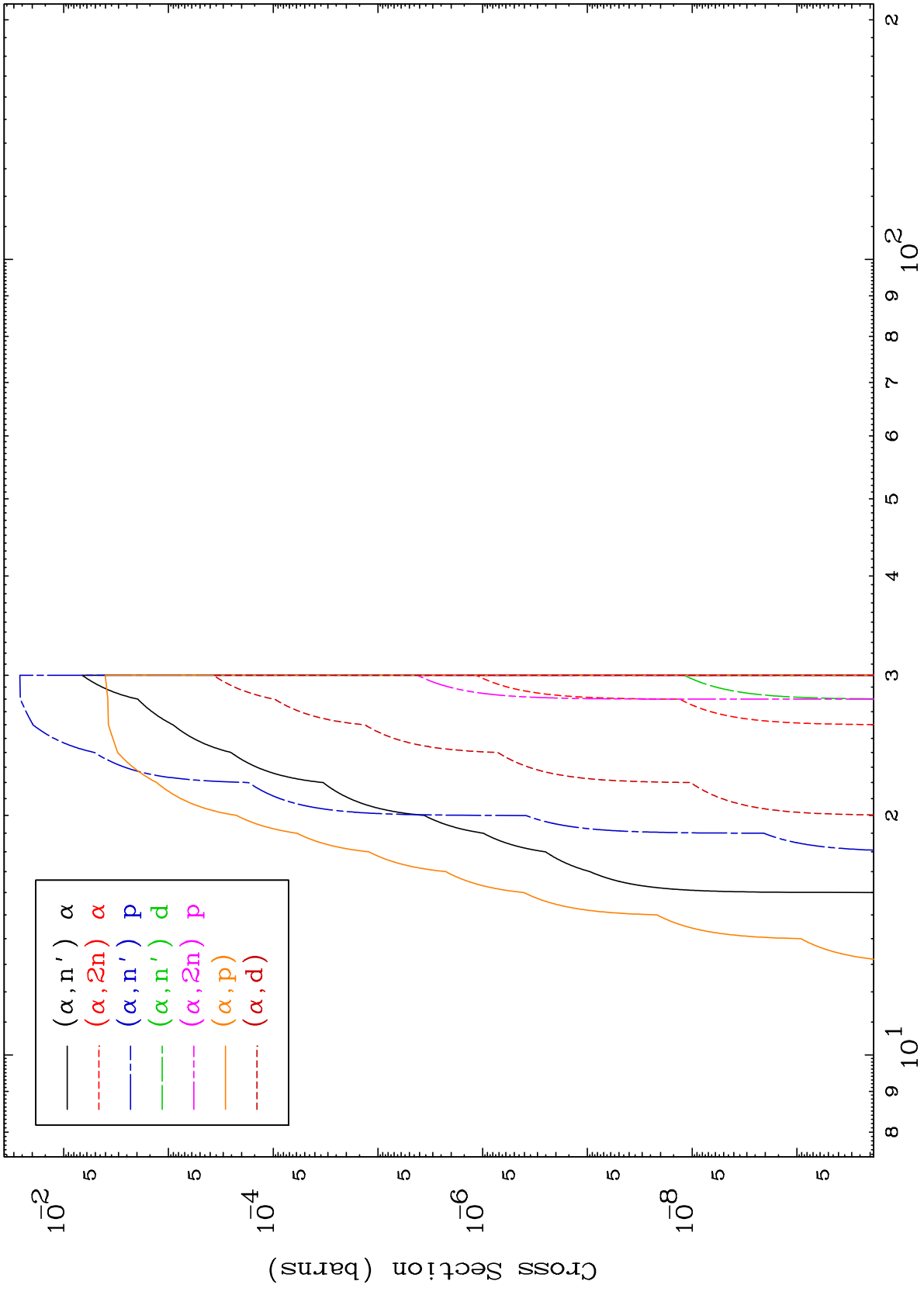
83-Bi-200



2

Incident Energy (MeV)

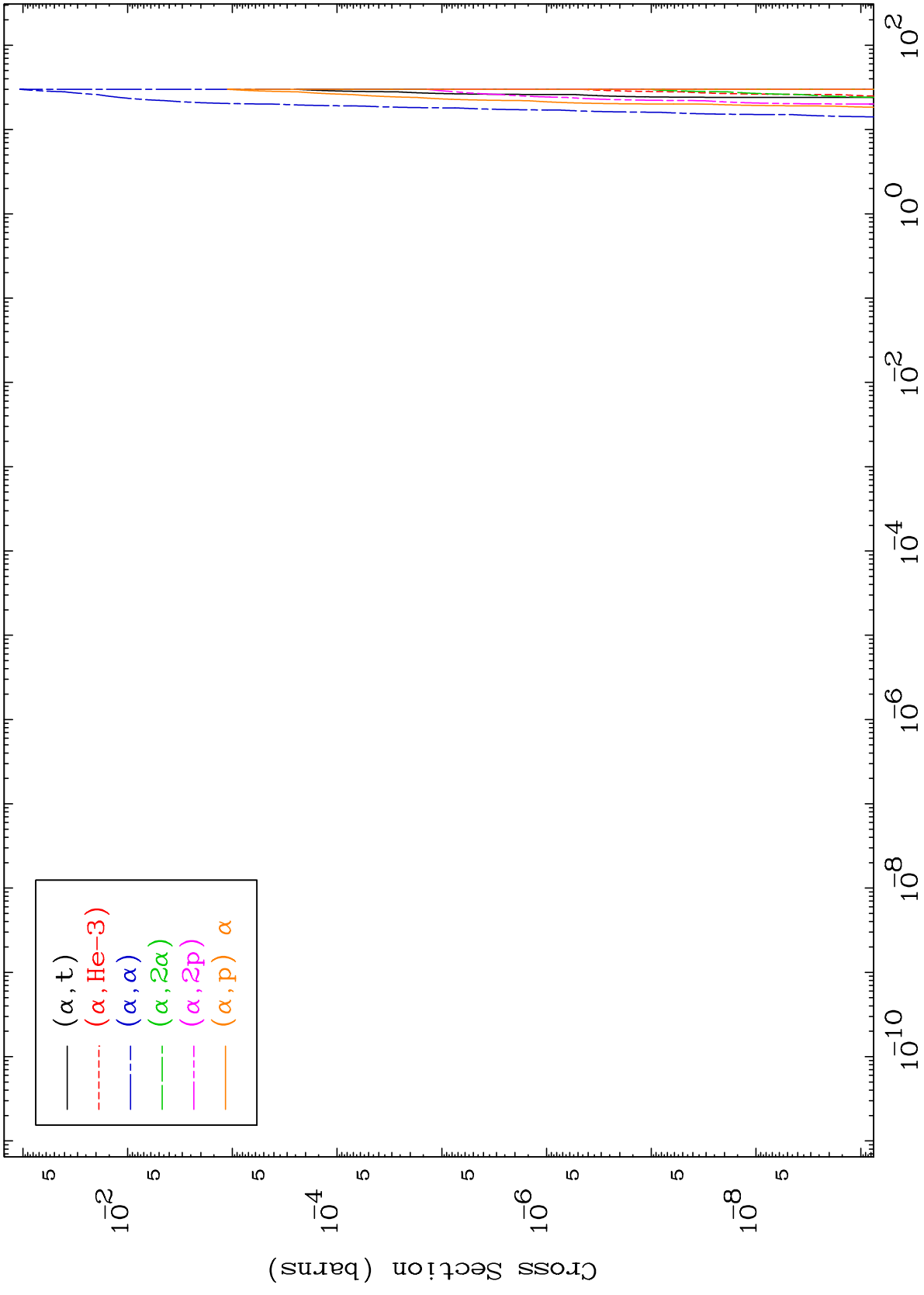
83-Bi-200



MAT 8298

α Charged Particle
0 Kelvin Cross Sections

83-Bi-200

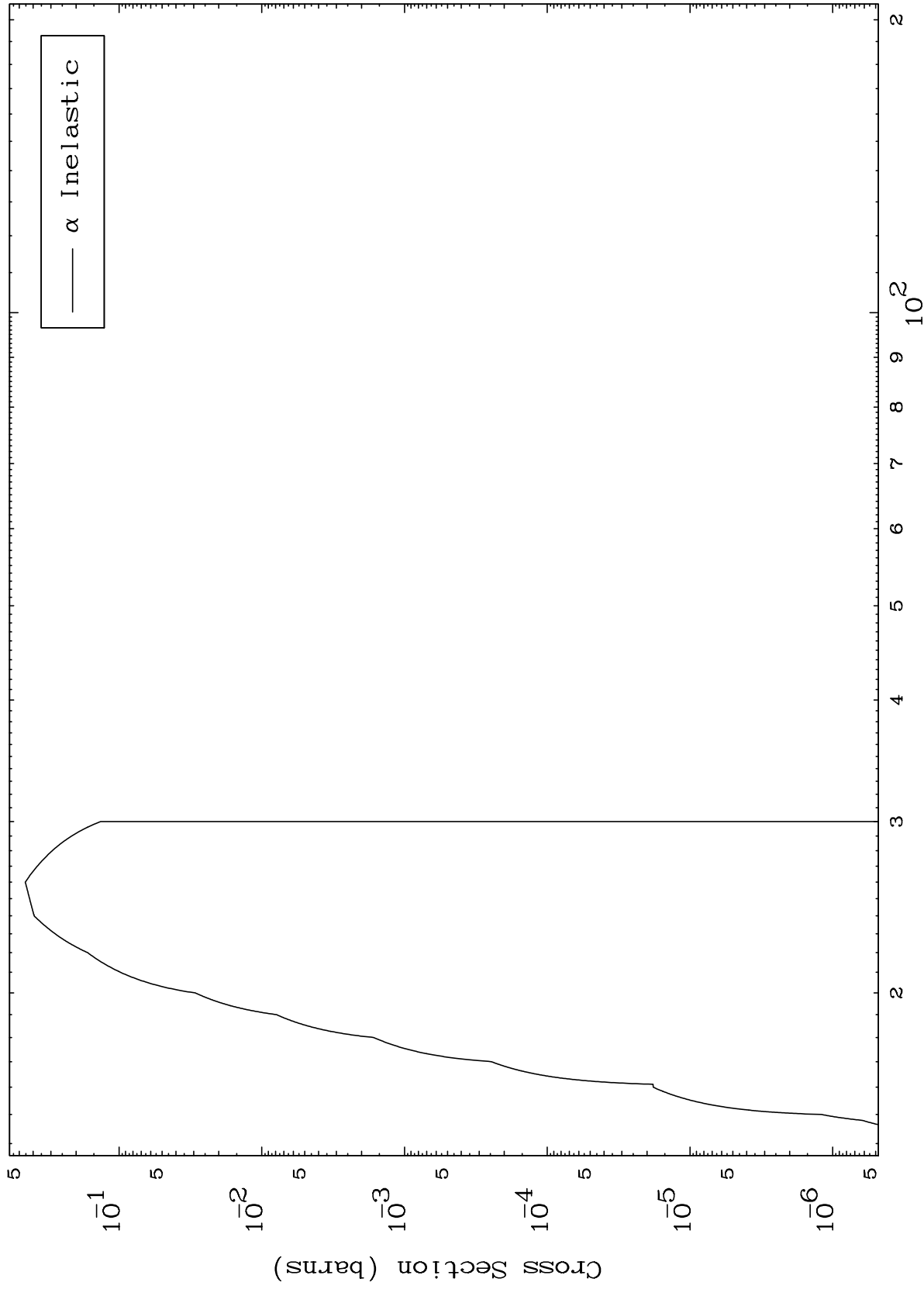


83-Bi-200

MAT 8298

(α, n') Level
0 Kelvin Cross Sections

83-Bi-200



5

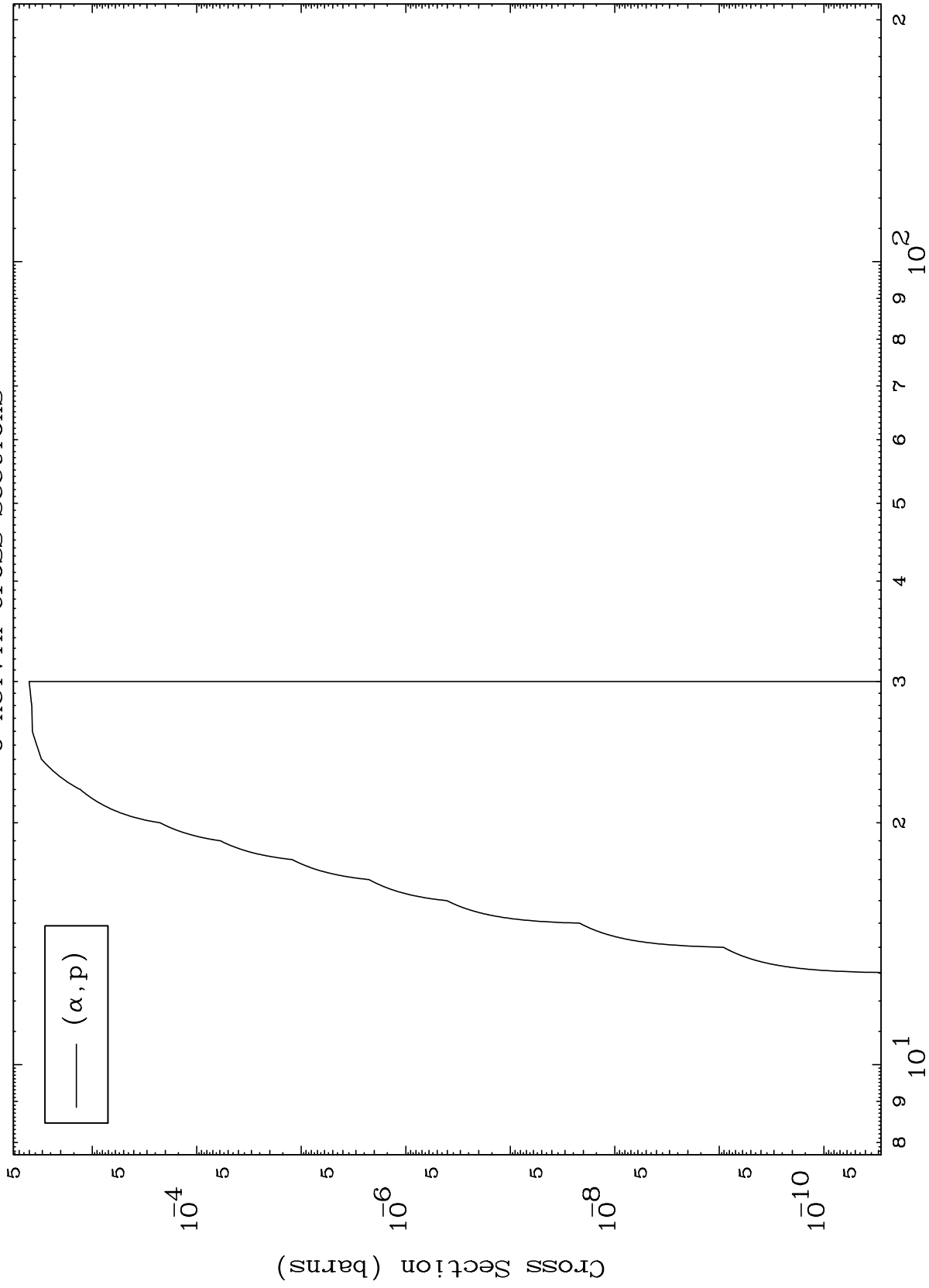
Incident Energy (MeV)

83-Bi-200

MAT 8298

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-200



6

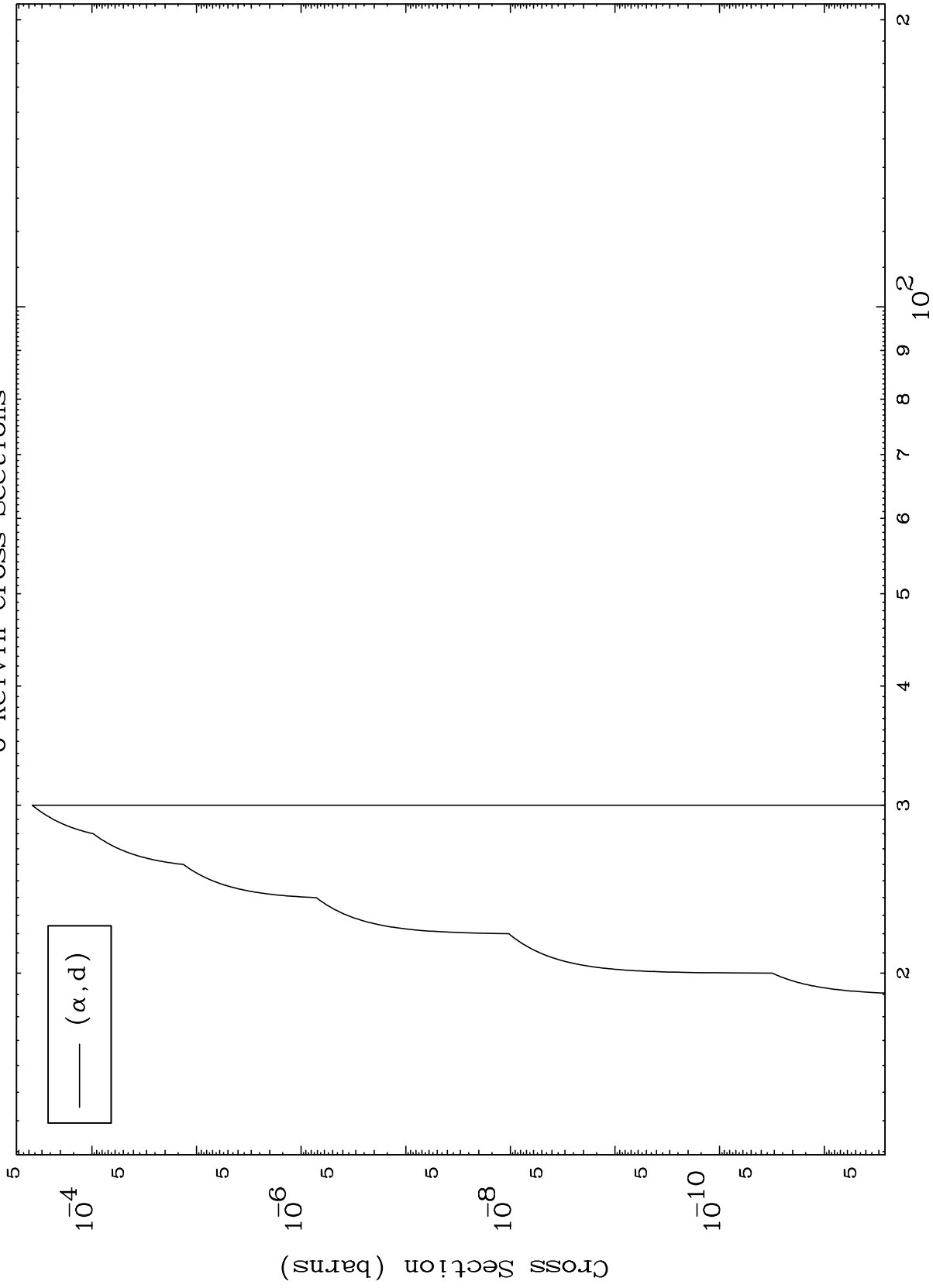
Incident Energy (MeV)

83-Bi-200

MAT 8298

(α, d) Levels
0 Kelvin Cross Sections

83-Bi-200



7

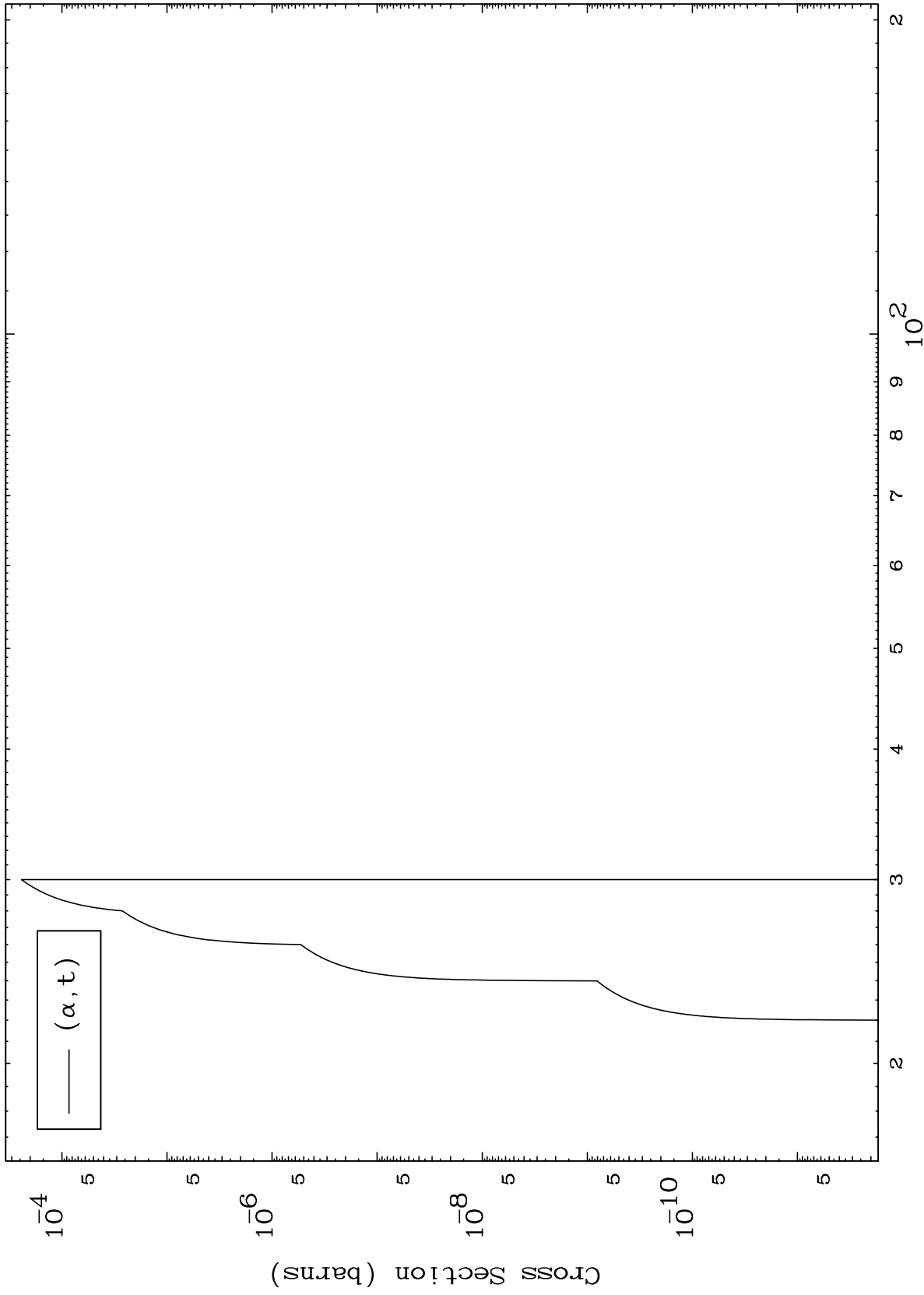
Incident Energy (MeV)

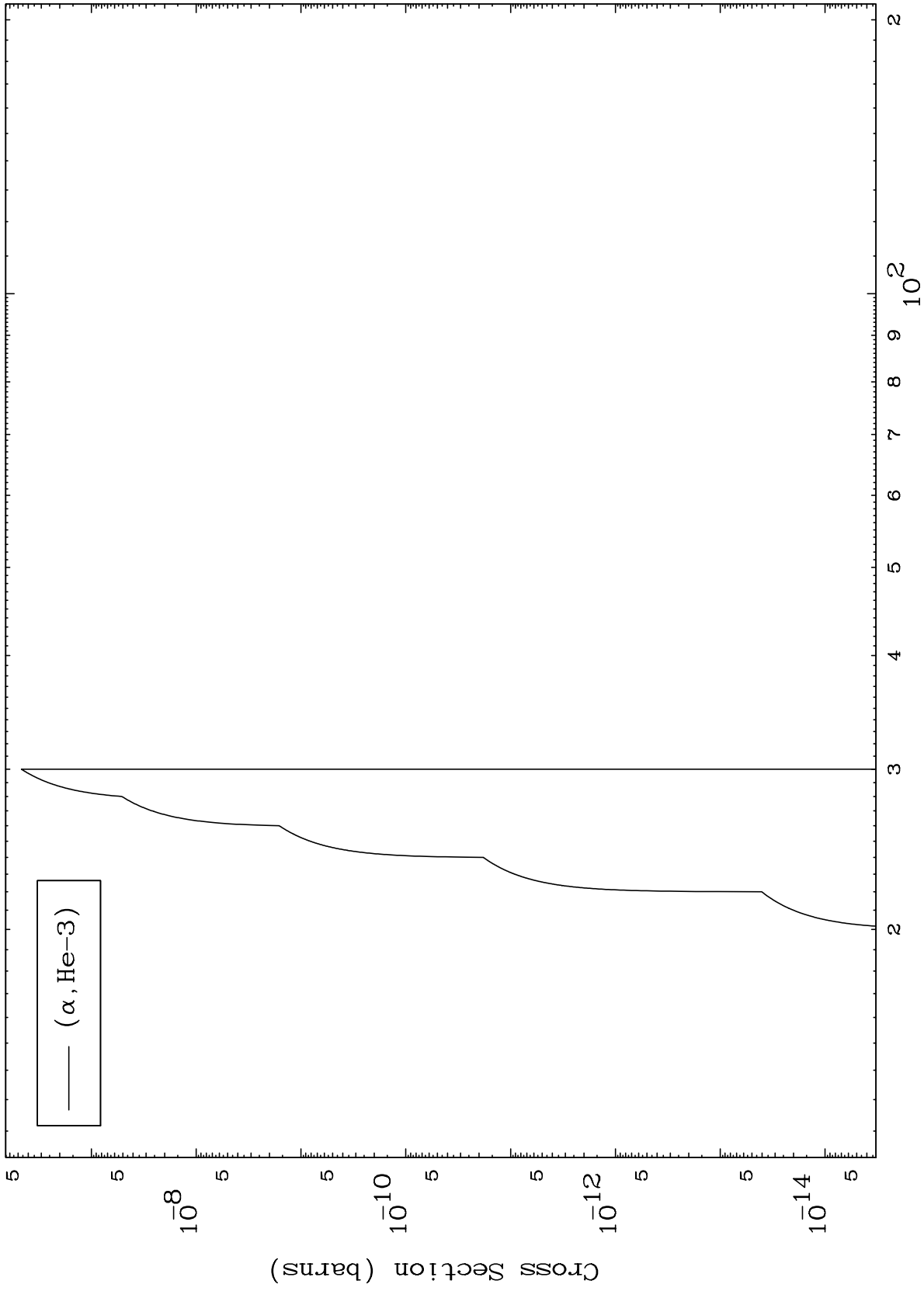
83-Bi-200

MAT 8298

(α, t) Levels
0 Kelvin Cross Sections

83-Bi-200

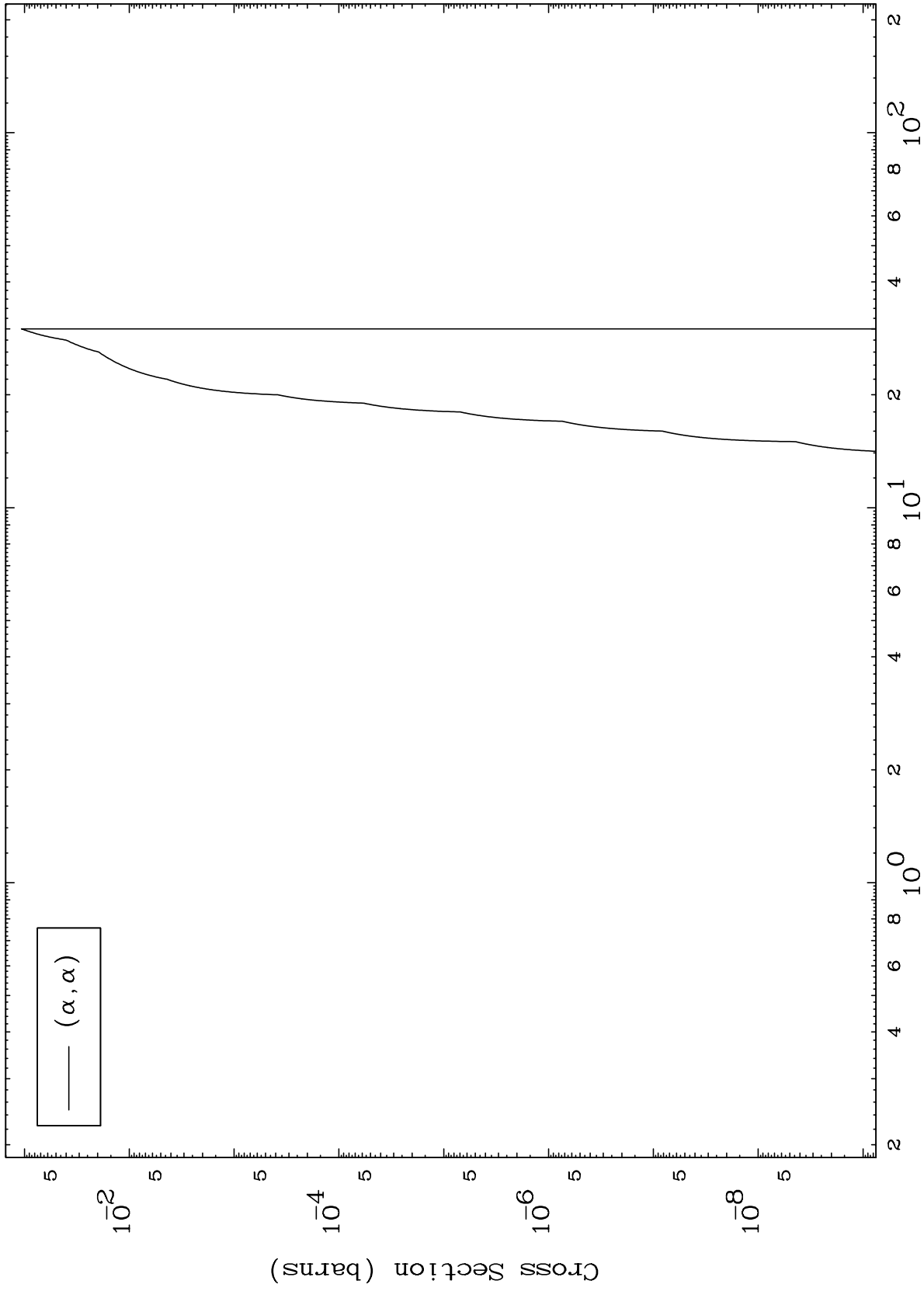




MAT 8298

(α, α) Levels
0 Kelvin Cross Sections

83-Bi-200



10

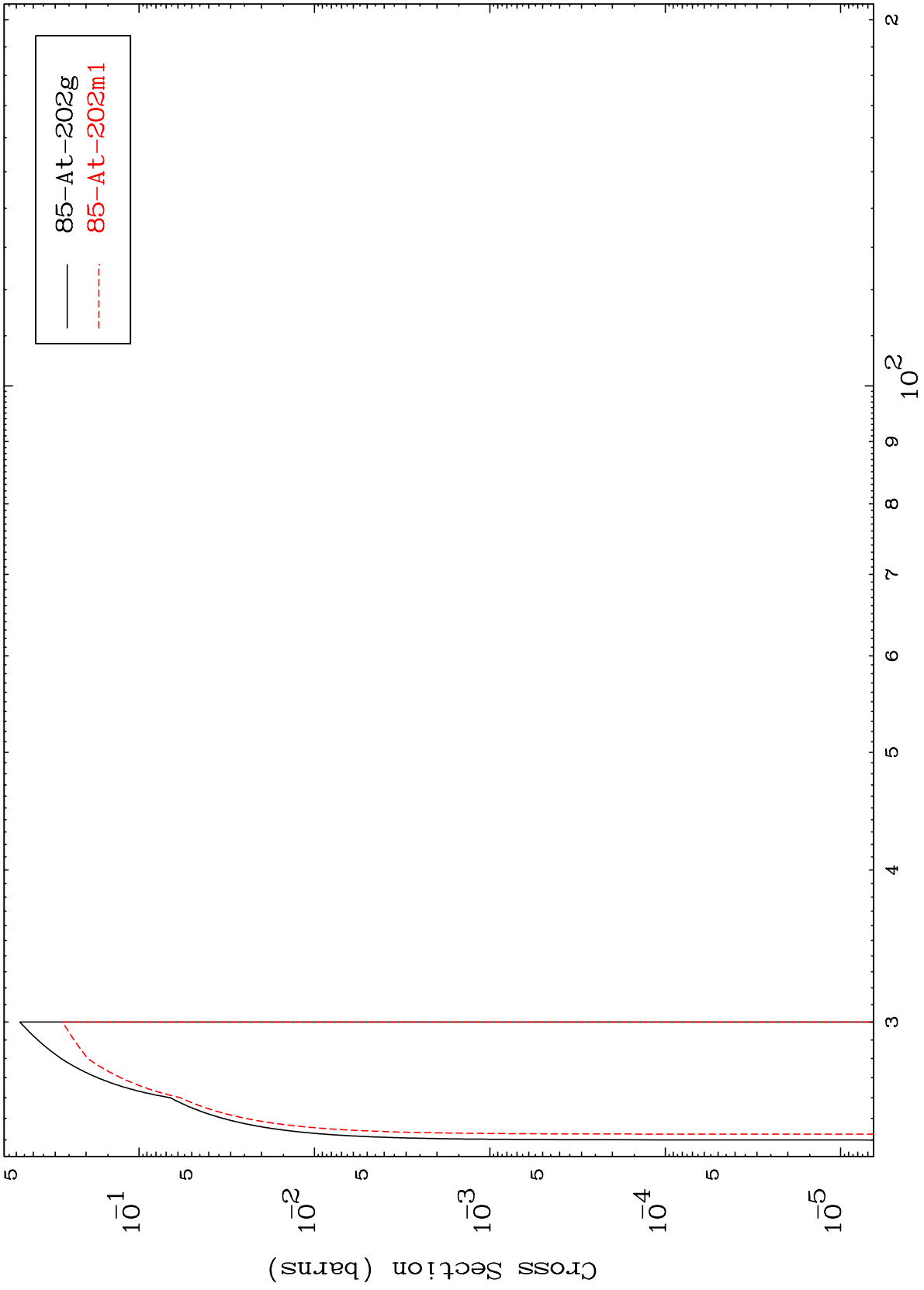
Incident Energy (MeV)

83-Bi-200

MAT 8298

83-Bi-200

($\alpha, 2n$)
Radionuclide Production Cross Section



11

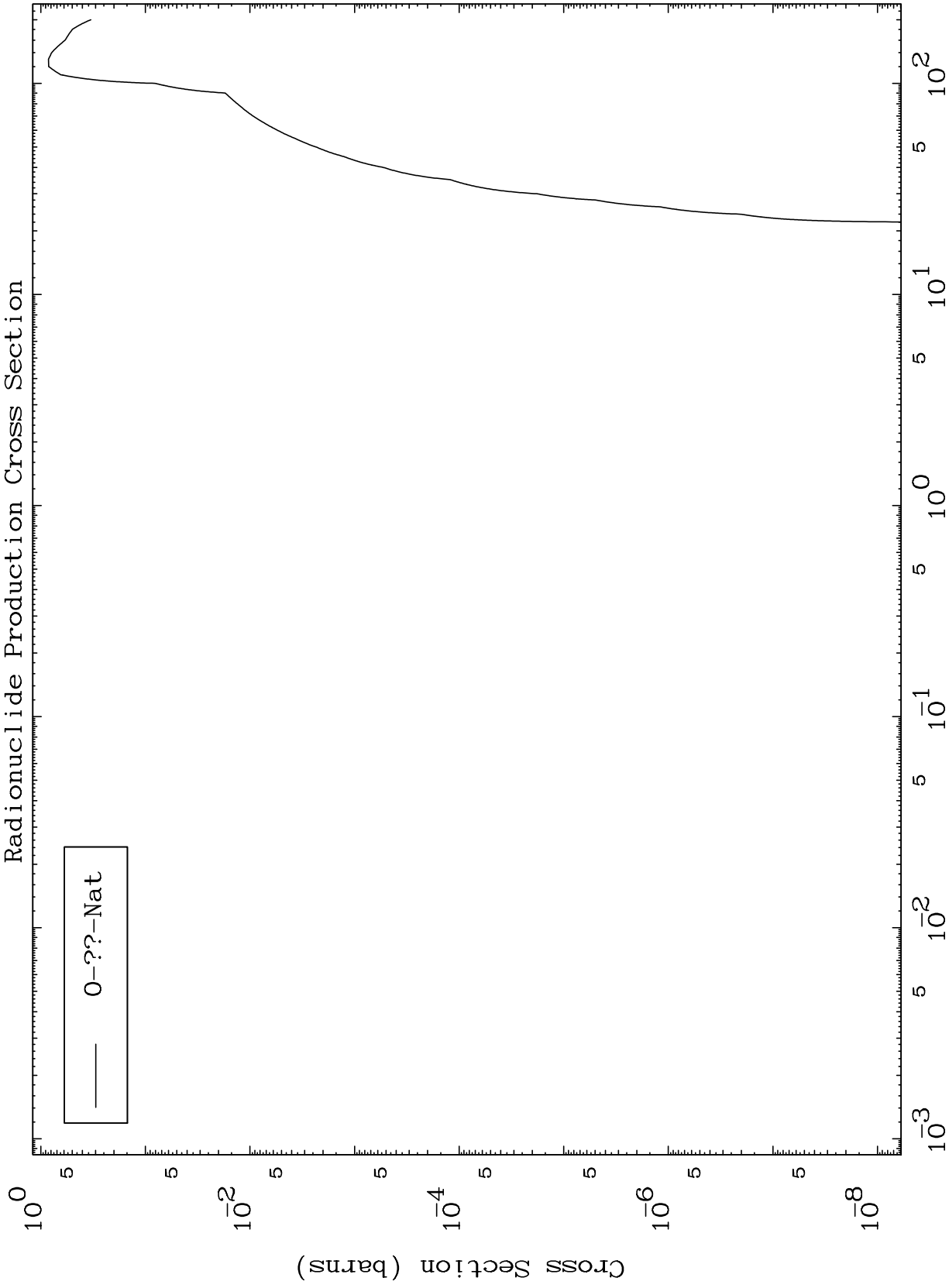
83-Bi-200

Incident Energy (MeV)

MAT 8298

83-Bi-200

α Fission
Radionuclide Production Cross Section



12

Incident Energy (MeV)

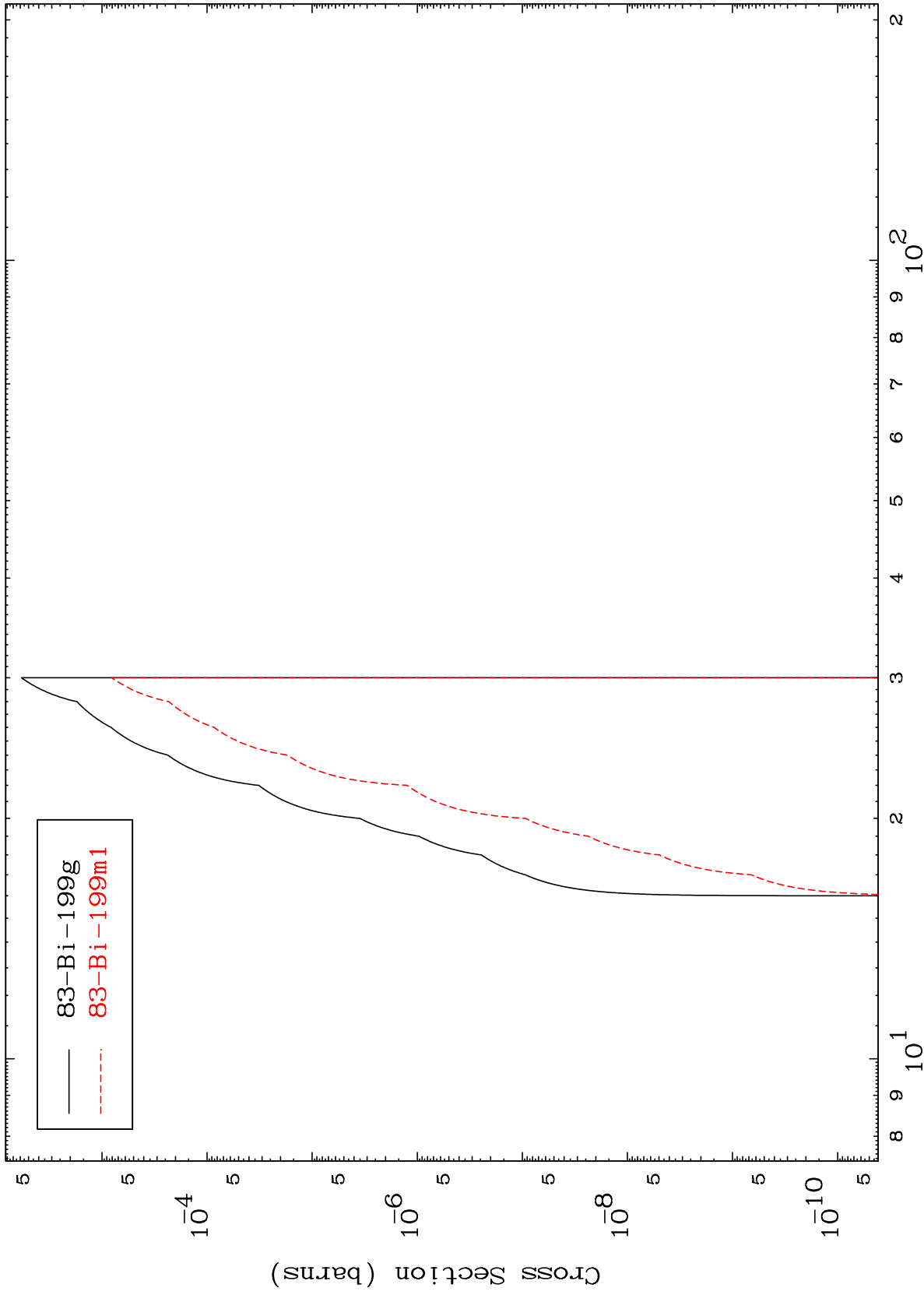
83-Bi-200

MAT 8298

(α, n') α

83-Bi-200

Radionuclide Production Cross Section



13

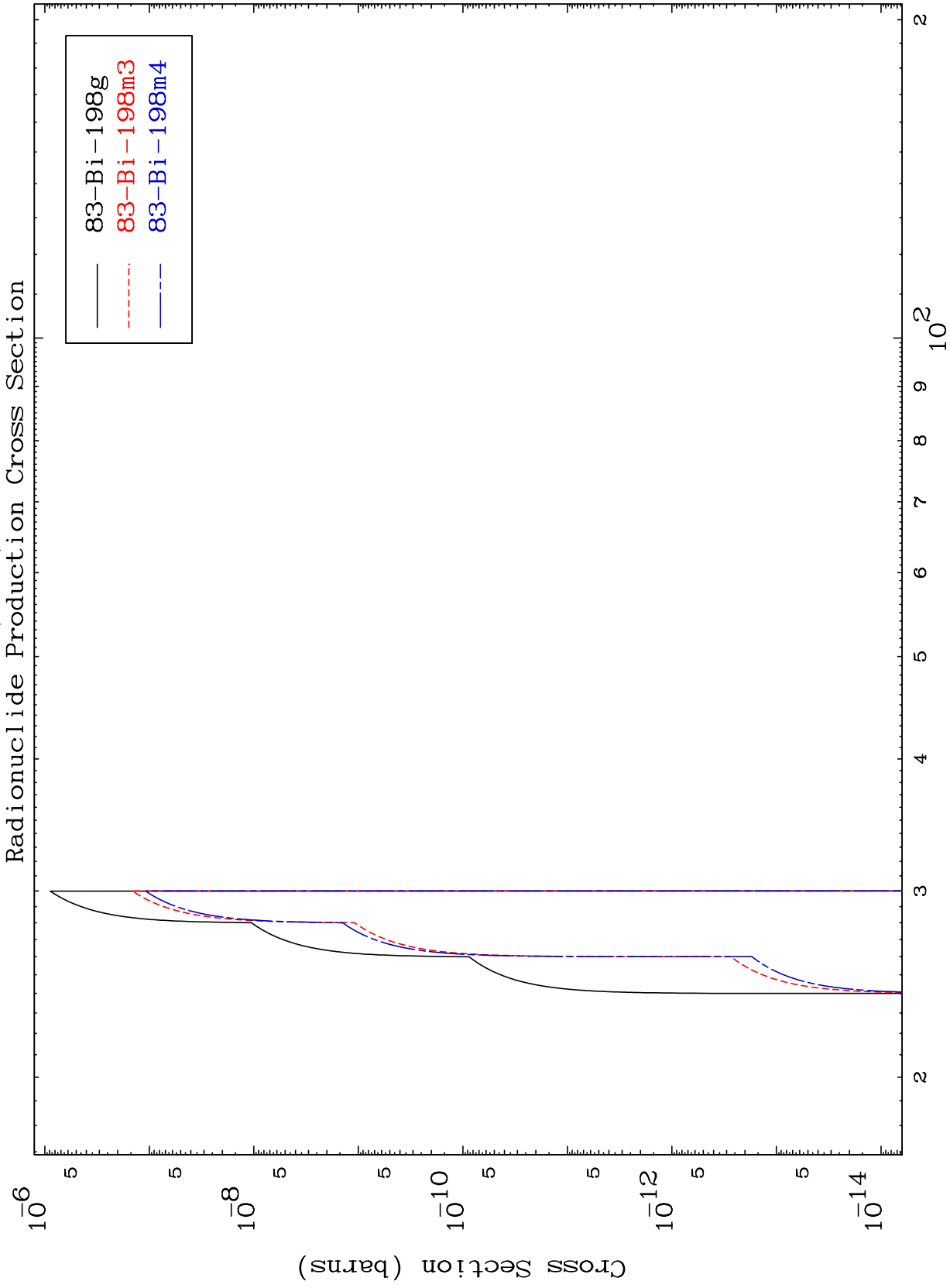
Incident Energy (MeV)

83-Bi-200

MAT 8298

$(\alpha, 2n) \alpha$

83-Bi-200



14

Incident Energy (MeV)

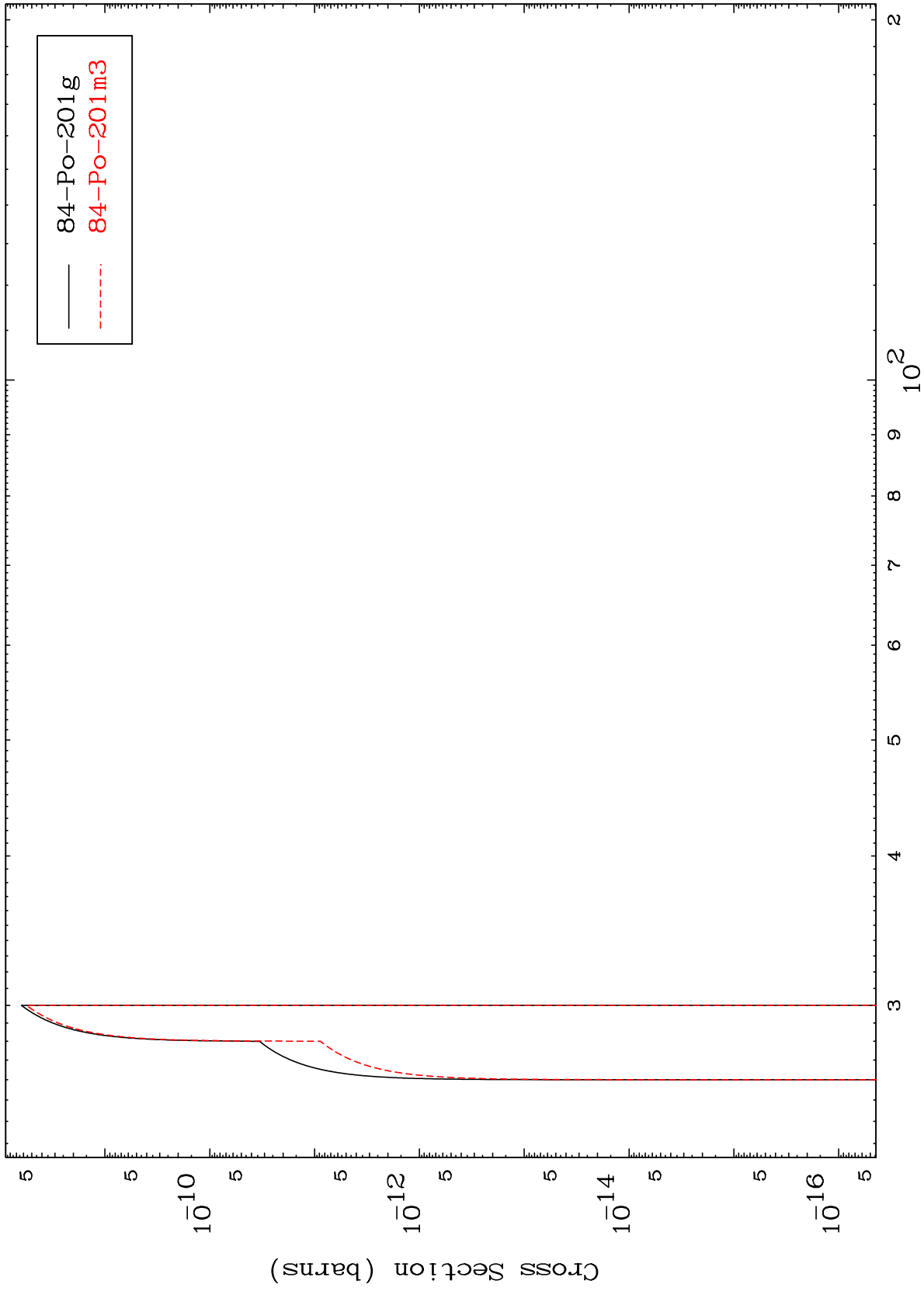
83-Bi-200

MAT 8298

(α, n') d

83-Bi-200

Radionuclide Production Cross Section



15

Incident Energy (MeV)

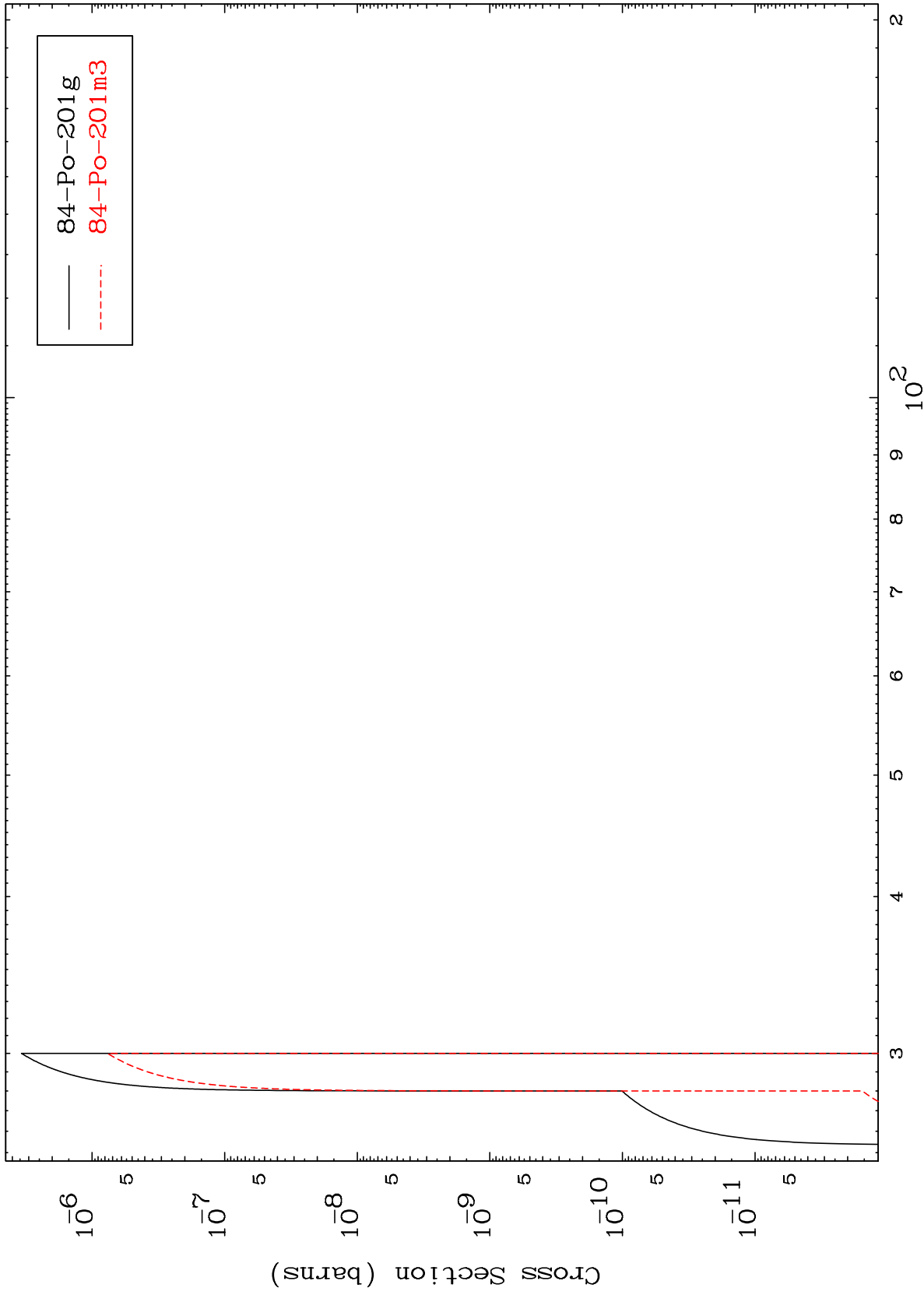
83-Bi-200

MAT 8298

$(\alpha, 2n)$ p

83-Bi-200

Radionuclide Production Cross Section



16

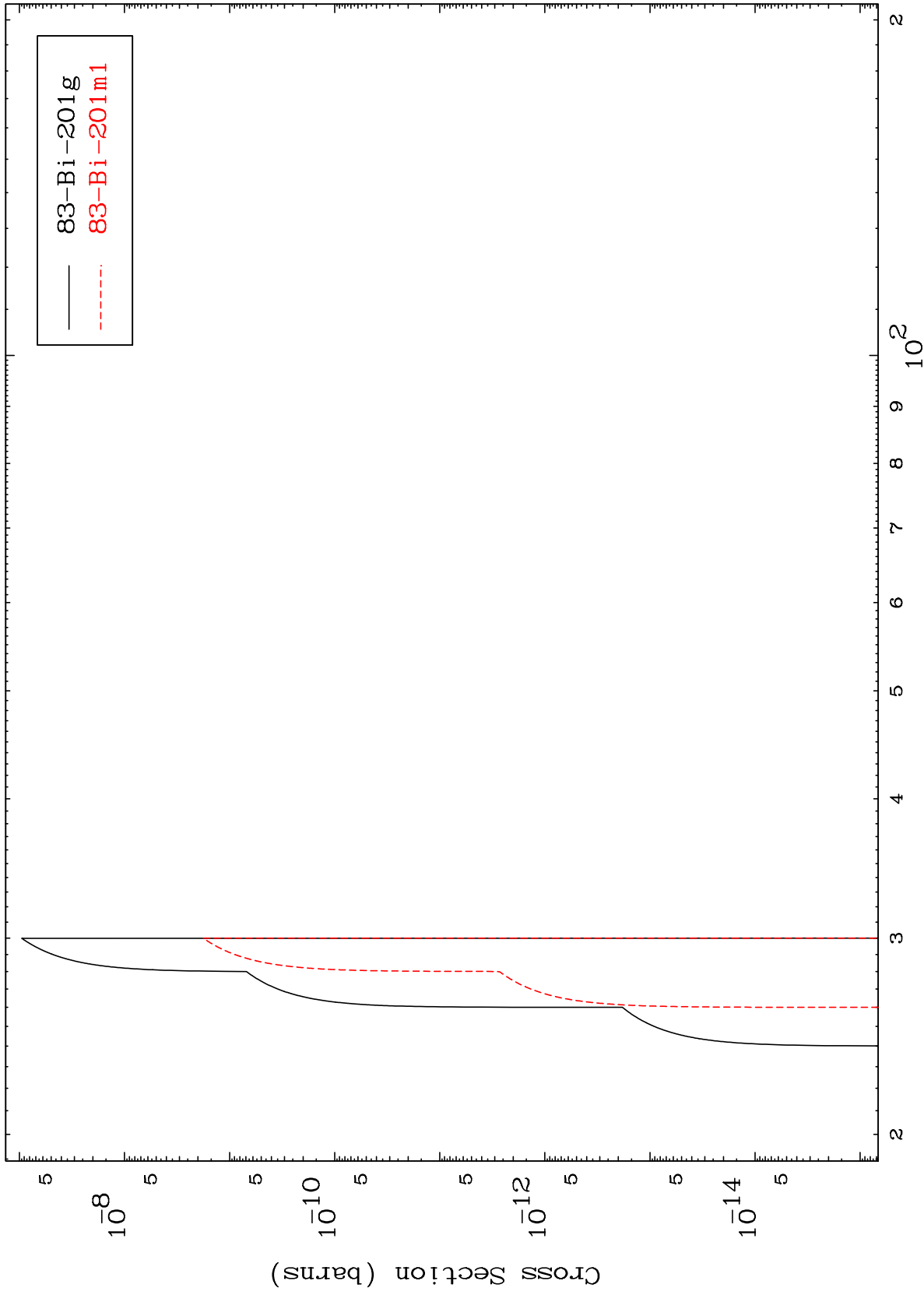
Incident Energy (MeV)

83-Bi-200

MAT 8298

83-Bi-200

($\alpha, 2n$) p
Radionuclide Production Cross Section



17

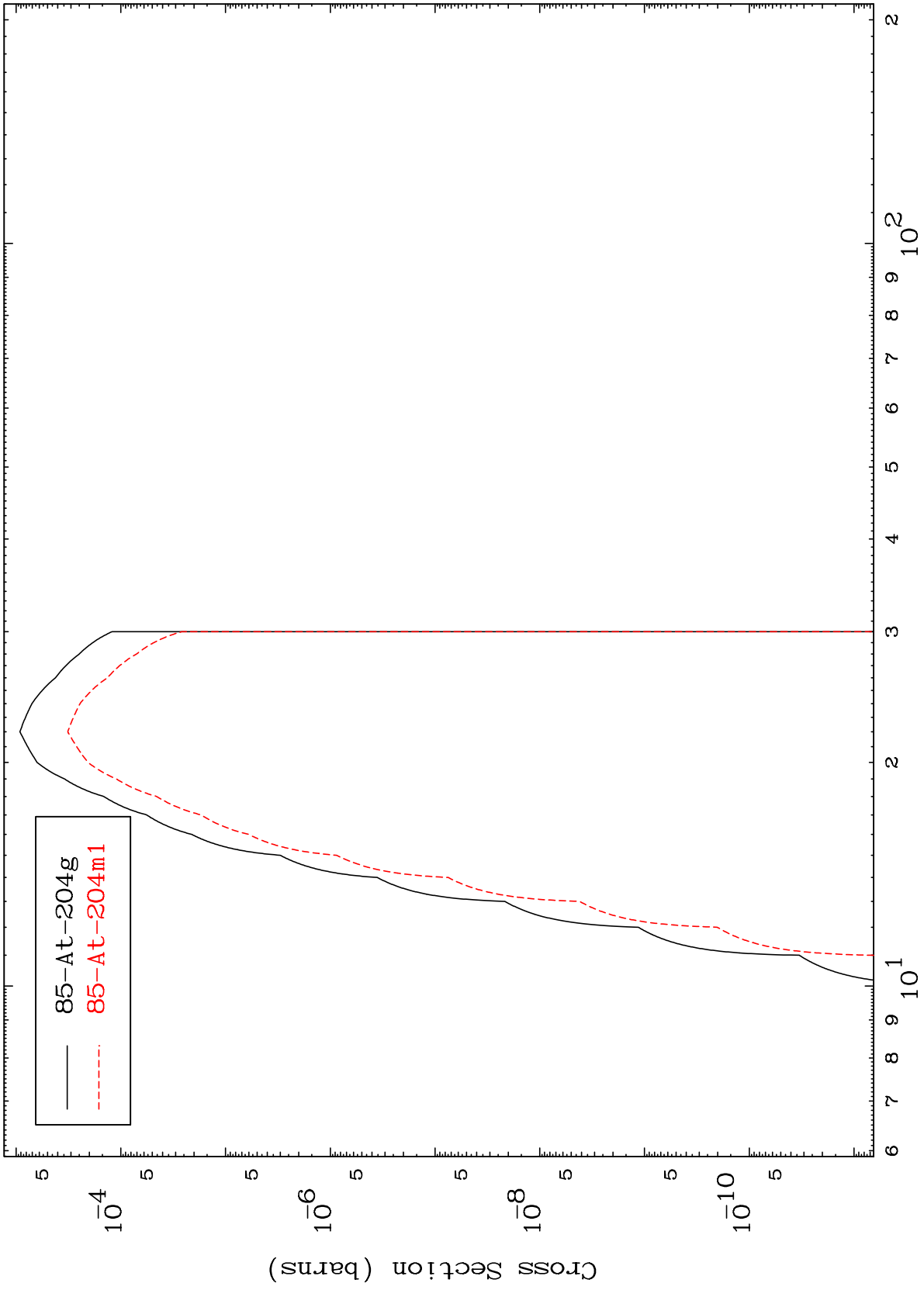
Incident Energy (MeV)

83-Bi-200

MAT 8298

83-Bi-200

Radionuclide Production Cross Section
(α, γ)



18

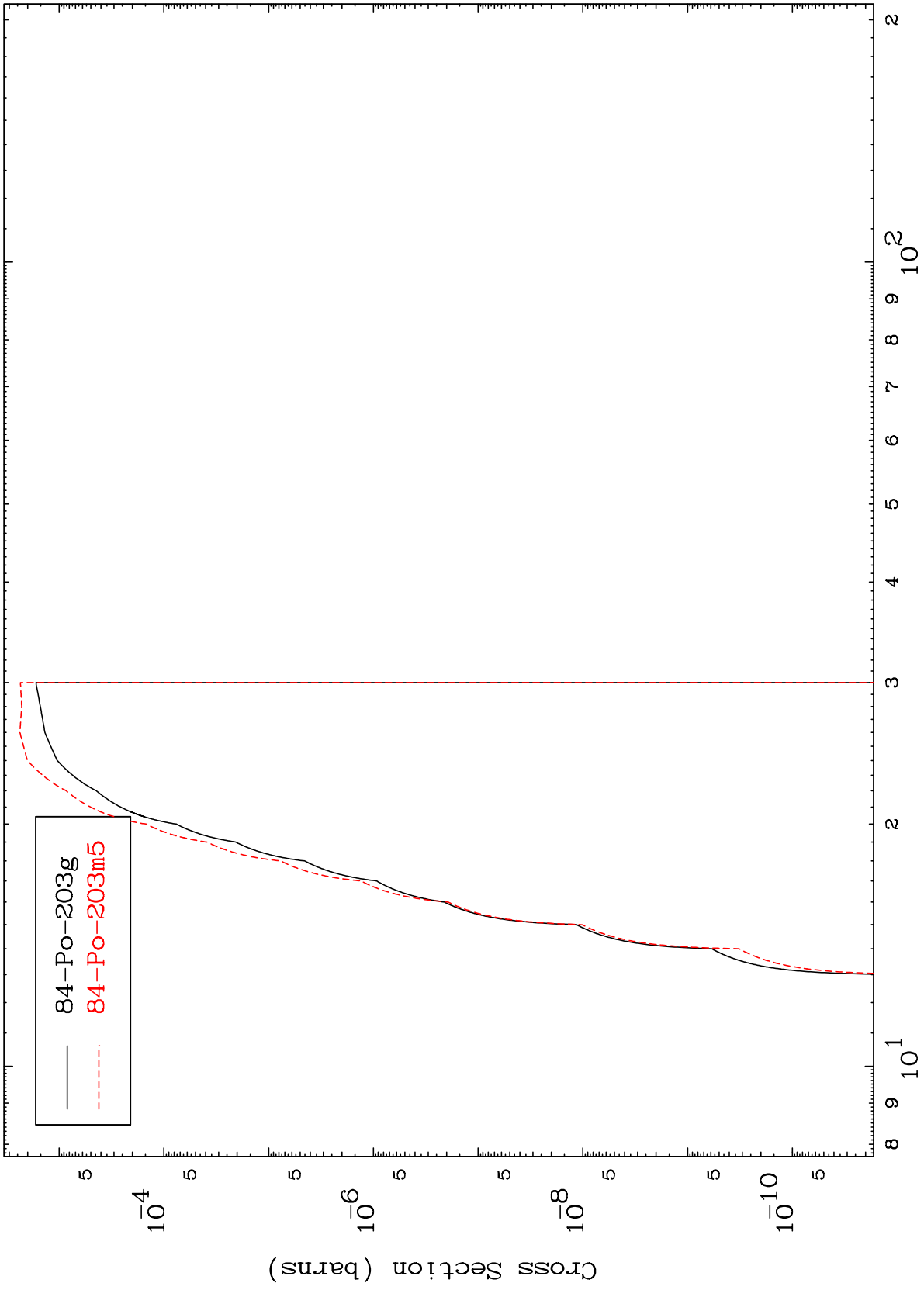
Incident Energy (MeV)

83-Bi-200

MAT 8298

83-Bi-200

(α, p)
Radionuclide Production Cross Section



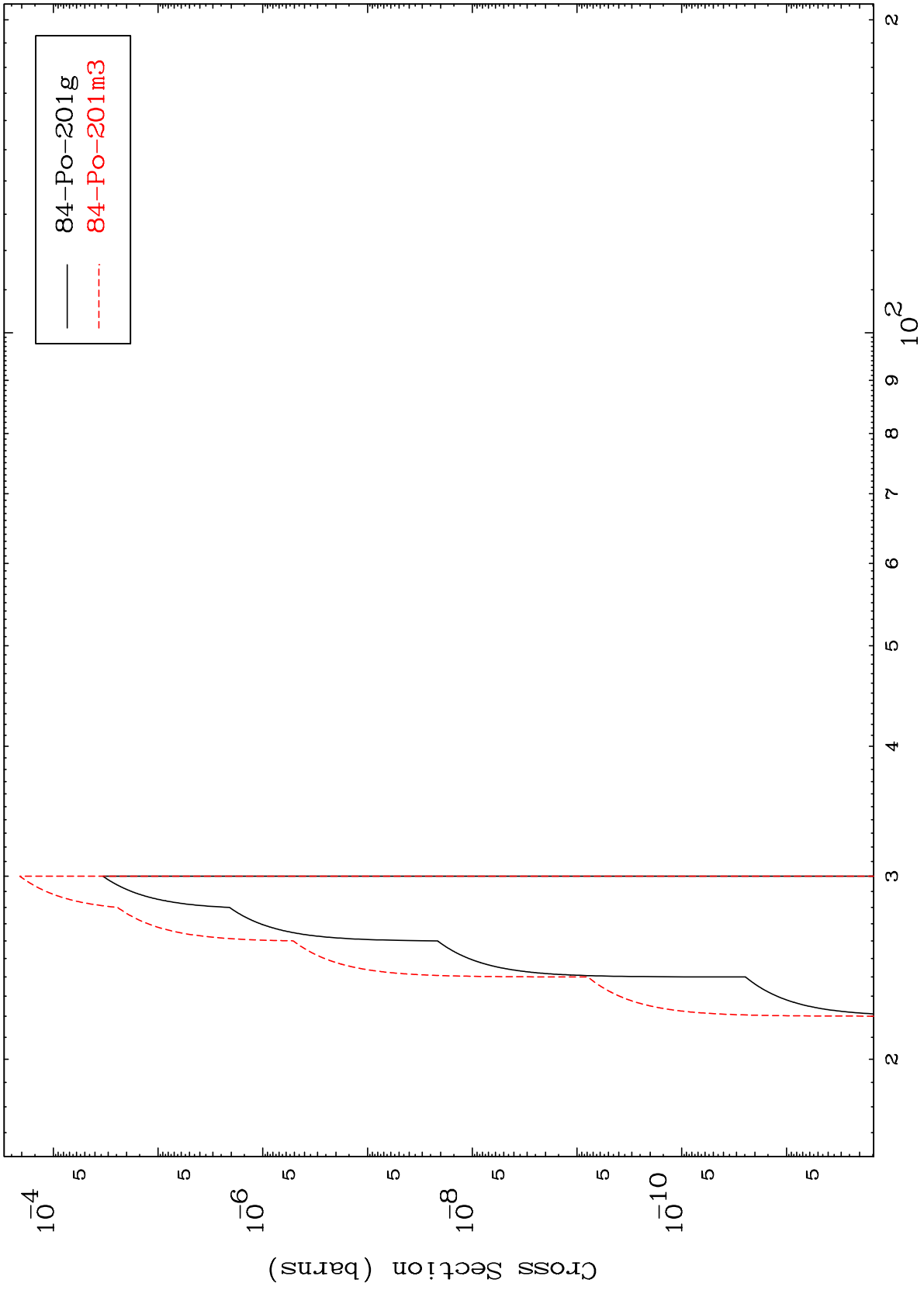
19

83-Bi-200

MAT 8298

83-Bi-200

(α, t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

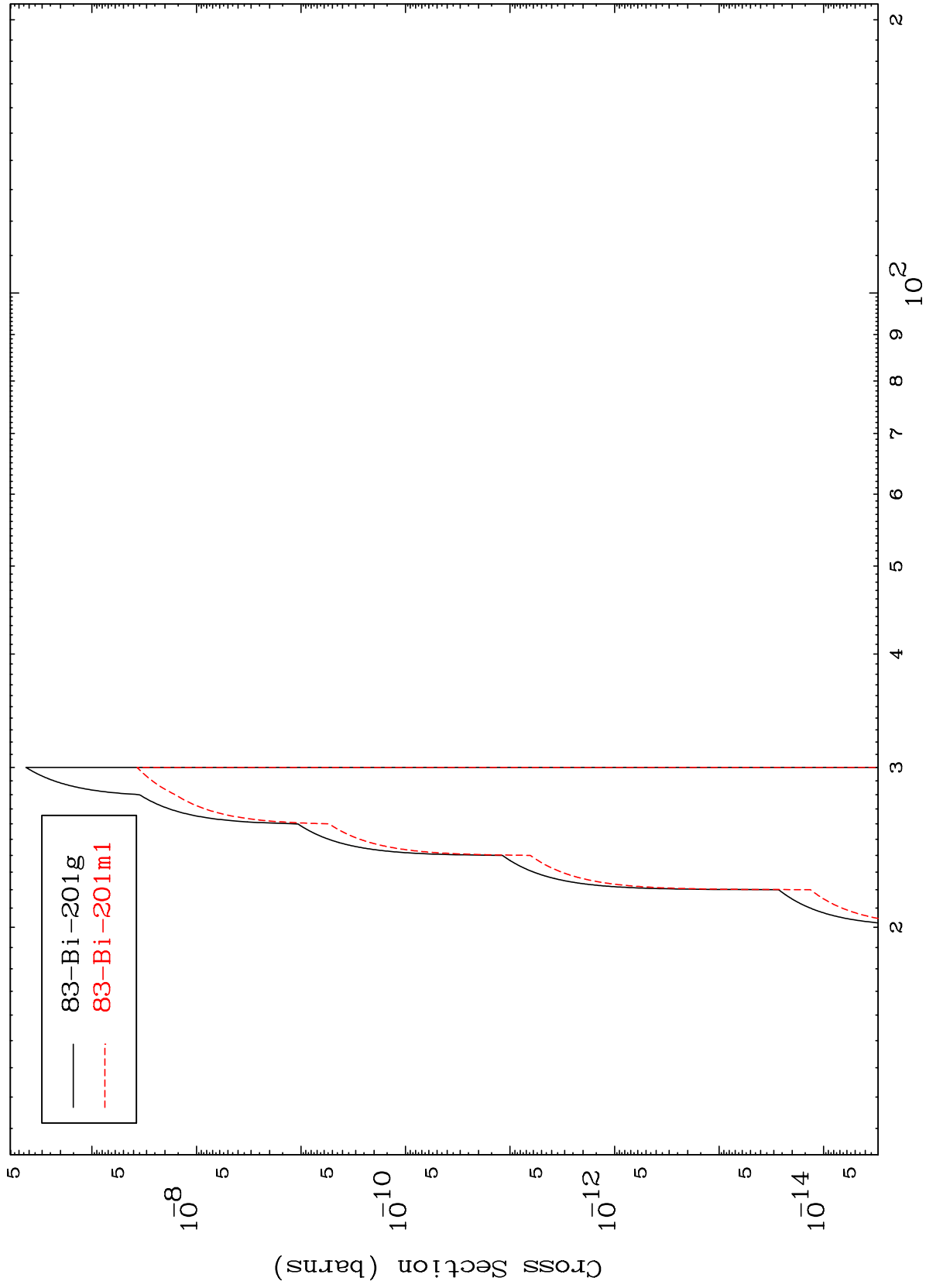
83-Bi-200

MAT 8298

($\alpha, \text{He-3}$)

83-Bi-200

Radionuclide Production Cross Section



21

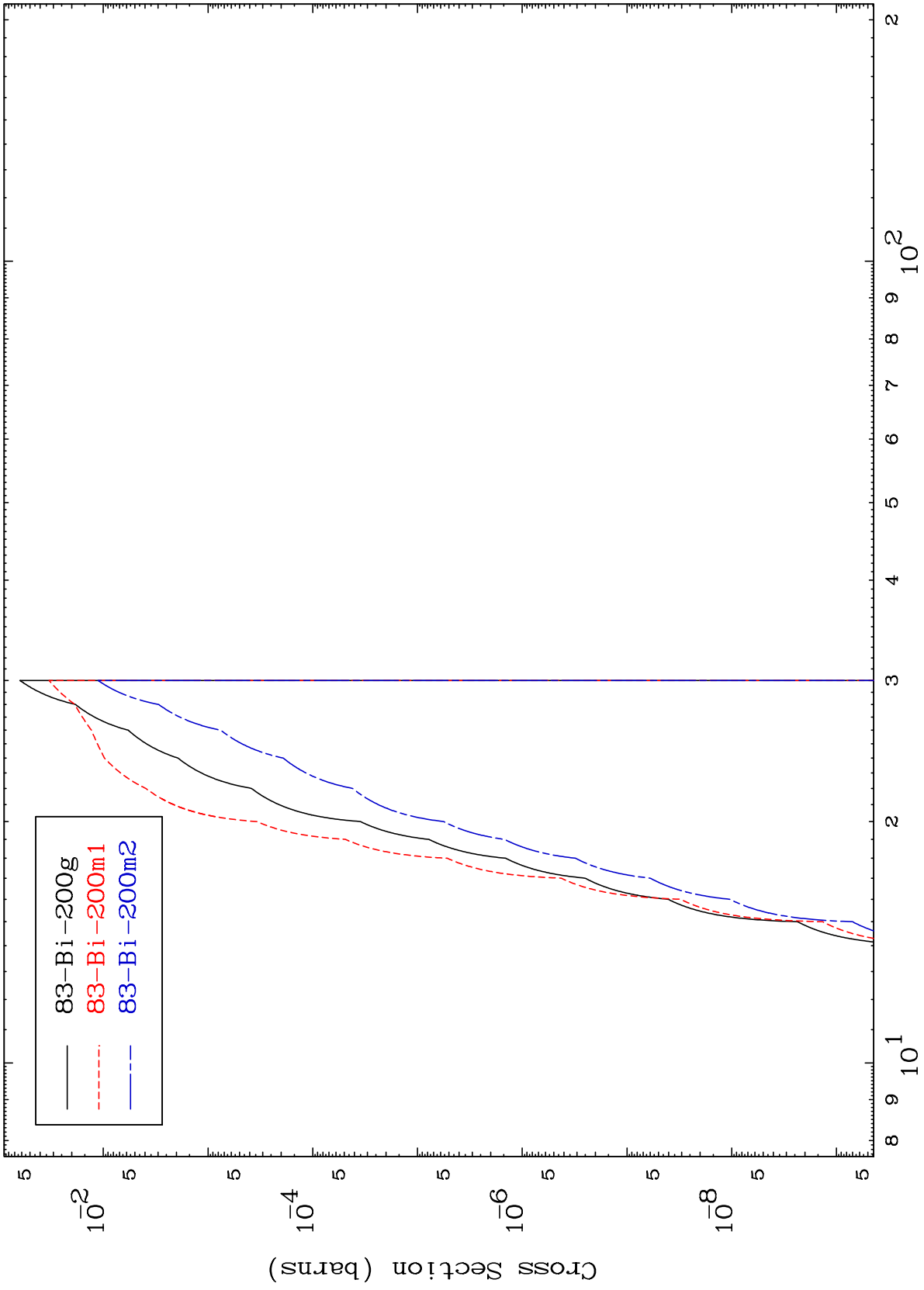
Incident Energy (MeV)

83-Bi-200

MAT 8298

83-Bi-200

(α, α)
Radionuclide Production Cross Section



22

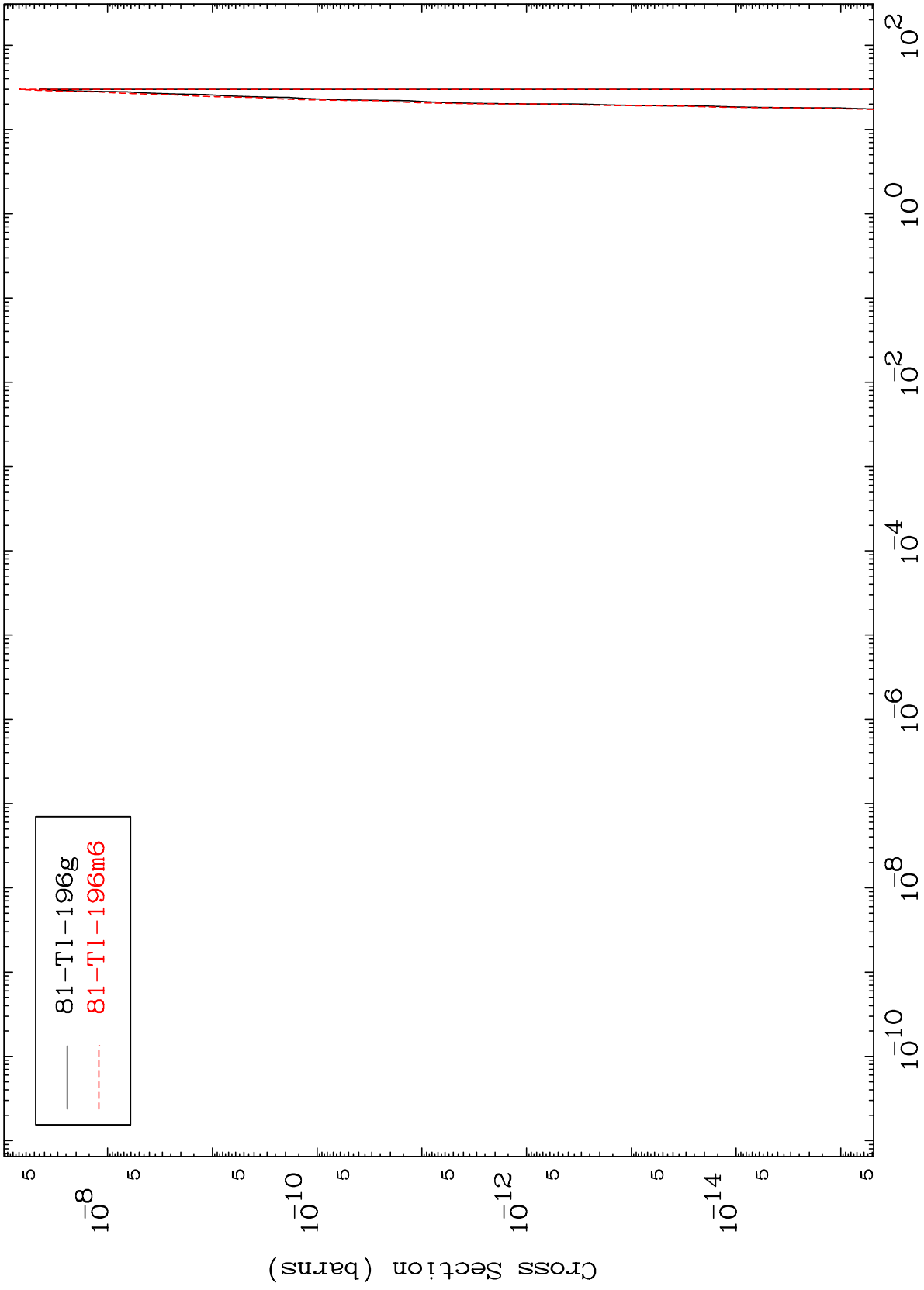
83-Bi-200

MAT 8298

($\alpha, 2\alpha$)

83-Bi-200

Radionuclide Production Cross Section



23

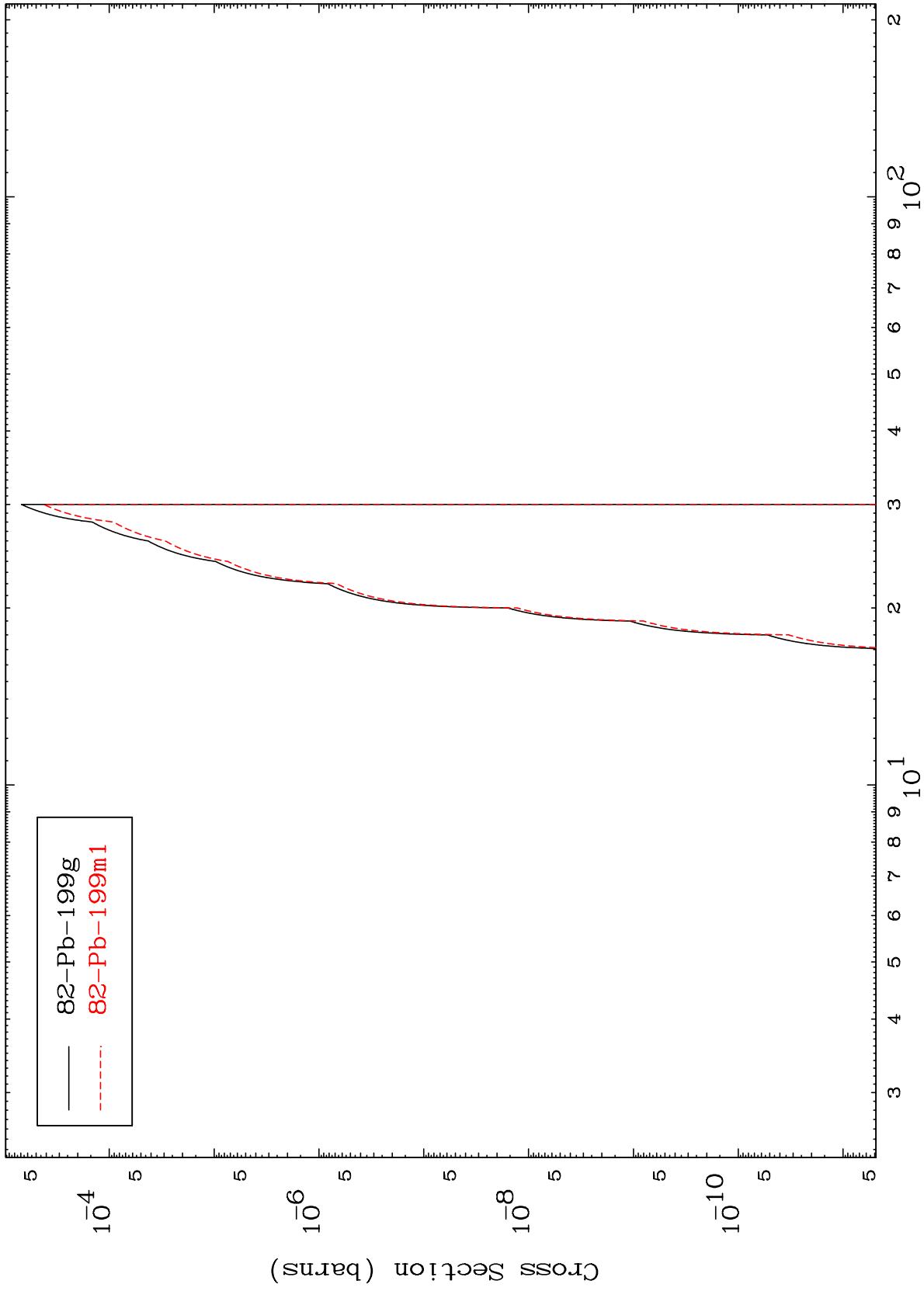
Incident Energy (MeV)

83-Bi-200

MAT 8298

83-Bi-200

(α, p) α
Radionuclide Production Cross Section



24

83-Bi-200