

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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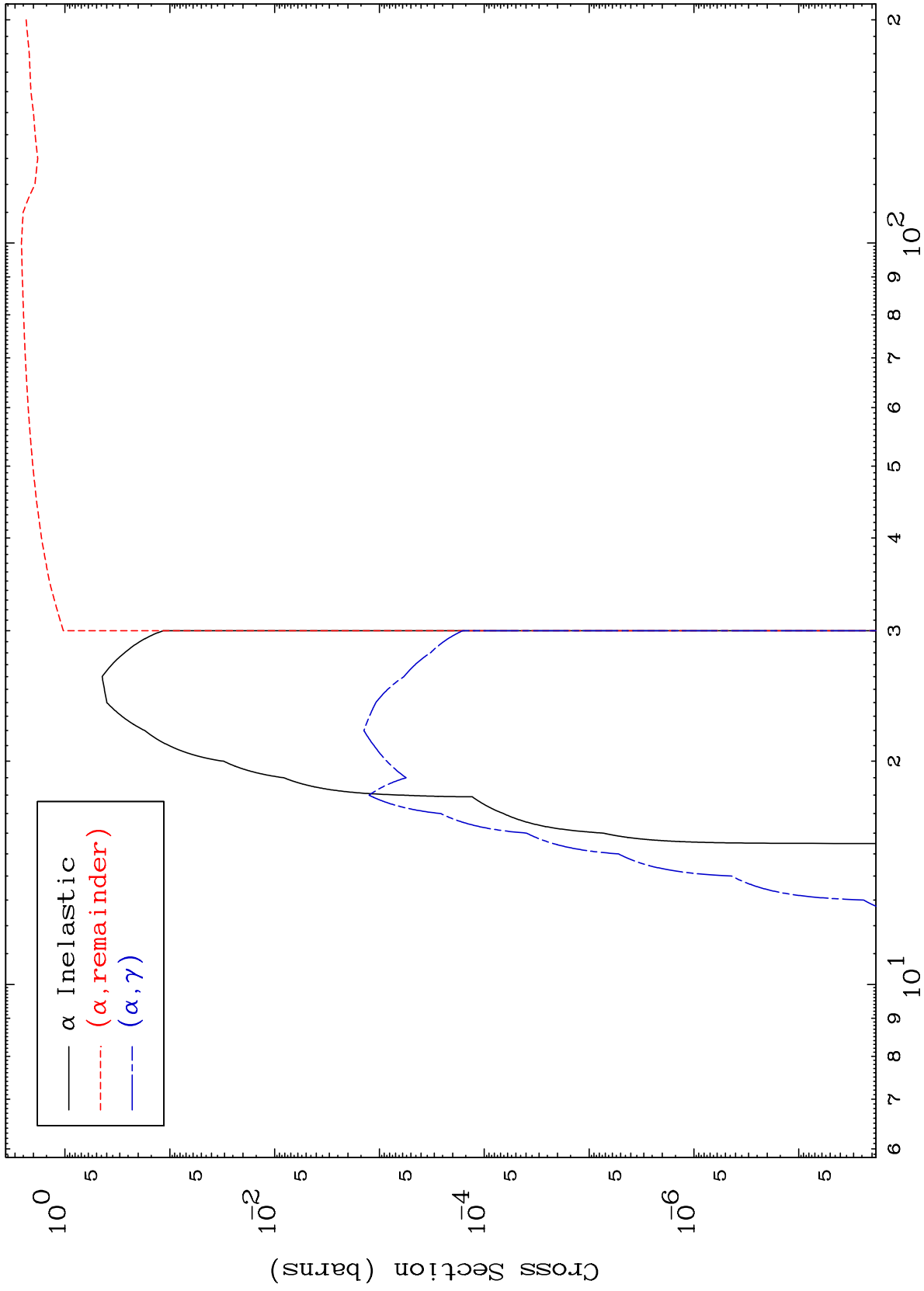
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8301

0 Kelvin α Major
Cross Sections

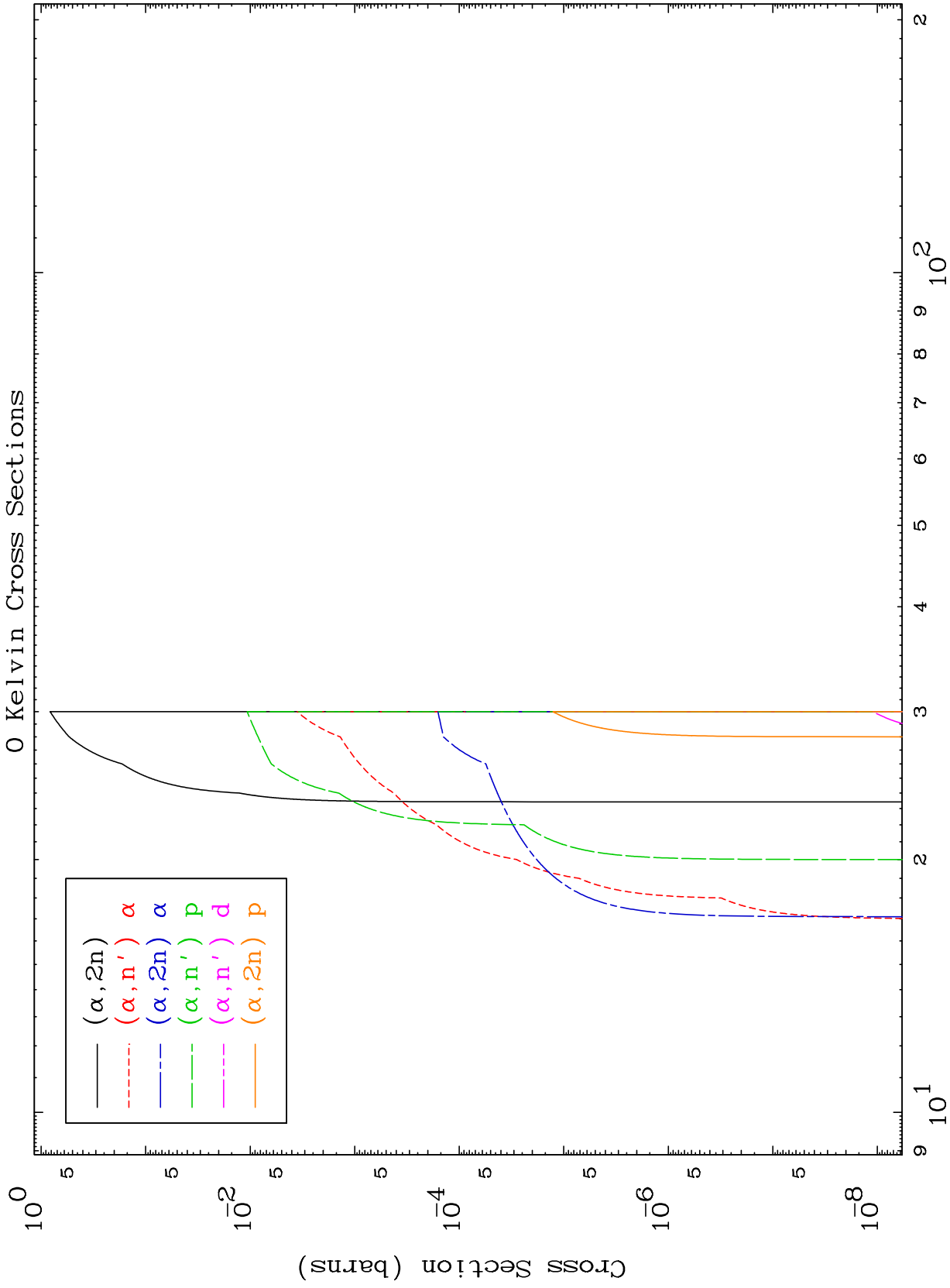
83-Bi-201



MAT 8301

α Neutron Production
0 Kelvin Cross Sections

83-Bi-201



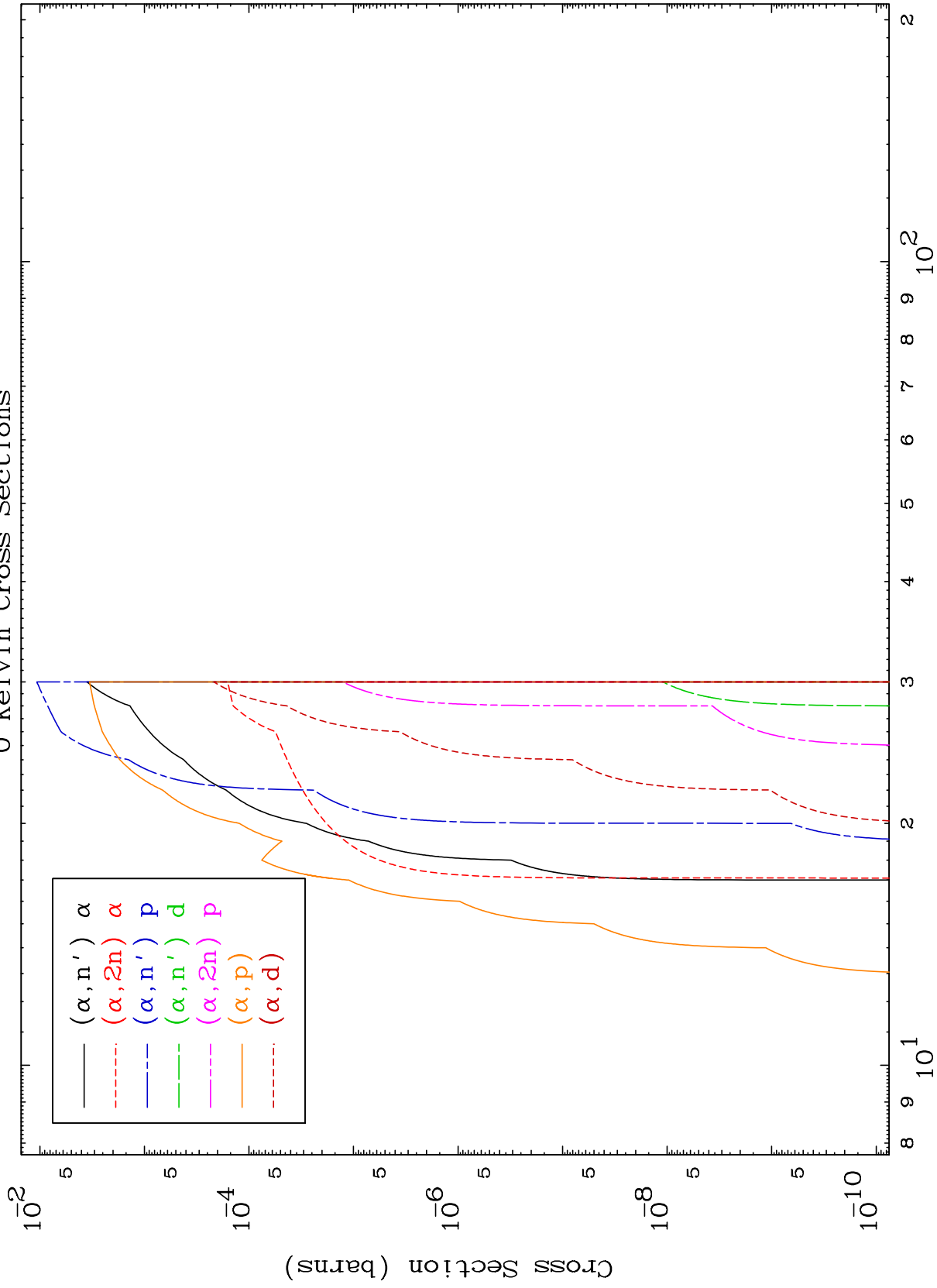
83-Bi-201

Incident Energy (MeV)

MAT 8301

α Charged Particle
0 Kelvin Cross Sections

83-Bi-201



3

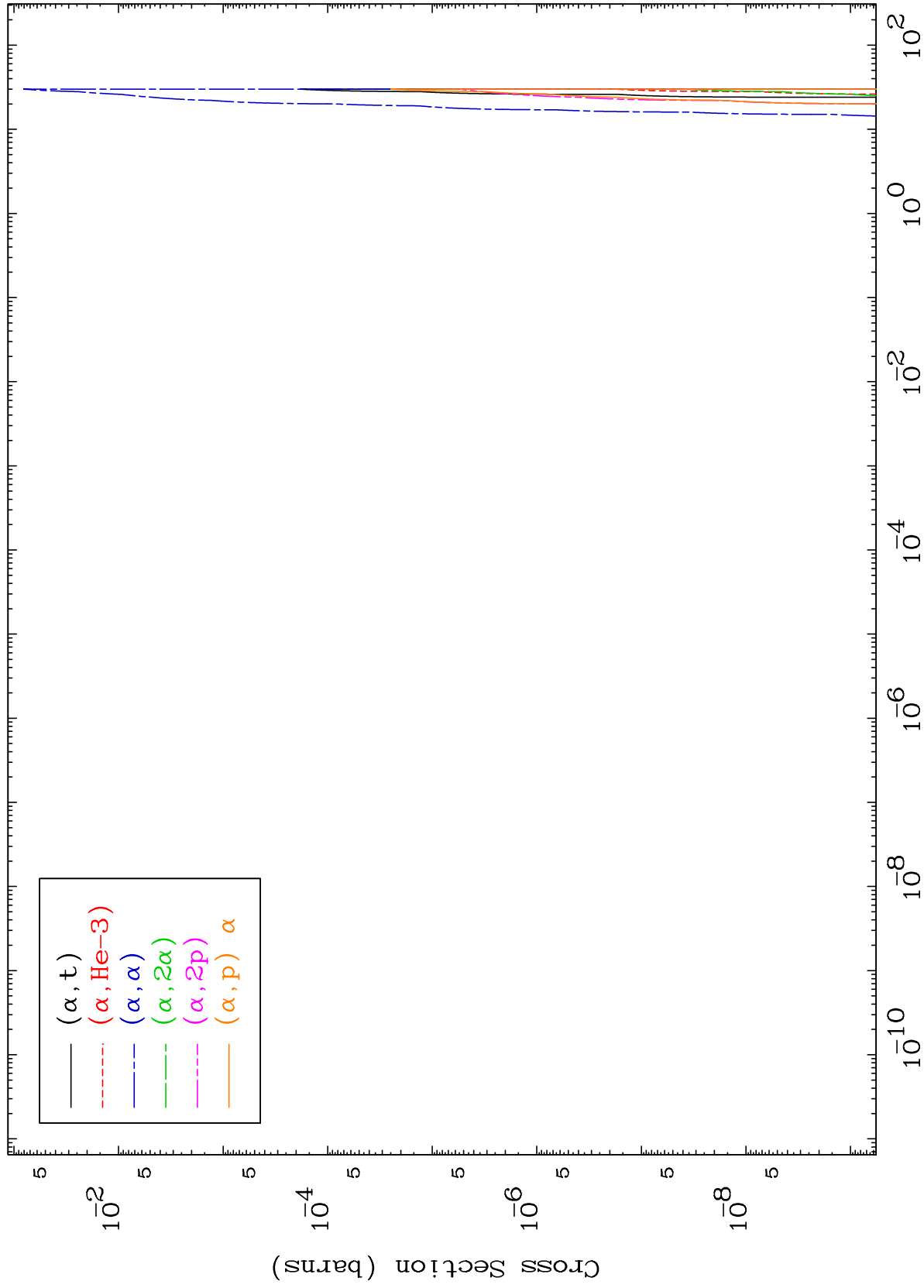
Incident Energy (MeV)

83-Bi-201

MAT 8301

α Charged Particle
0 Kelvin Cross Sections

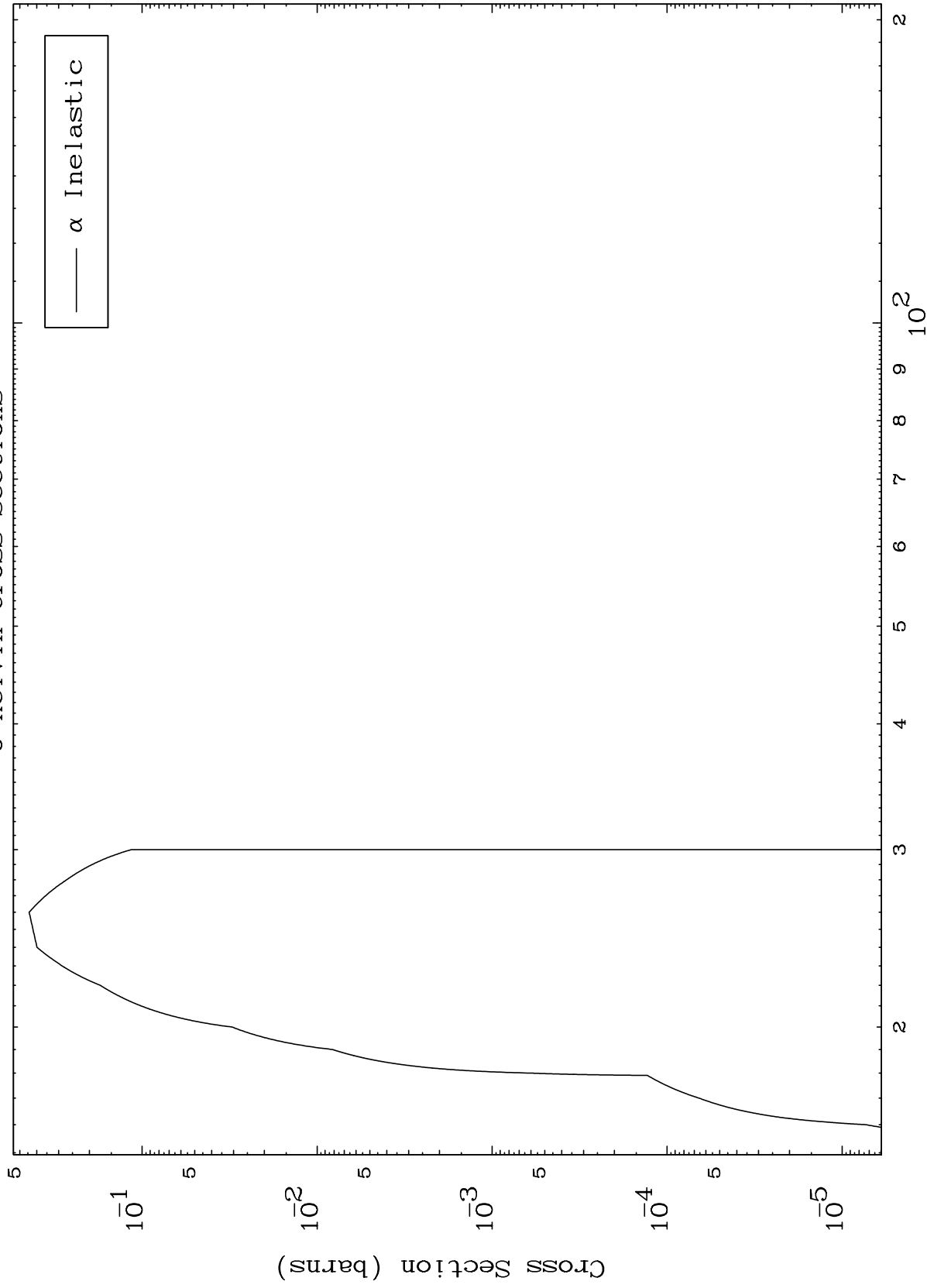
83-Bi-201



MAT 8301

(α, n') Level
0 Kelvin Cross Sections

83-Bi-201



5

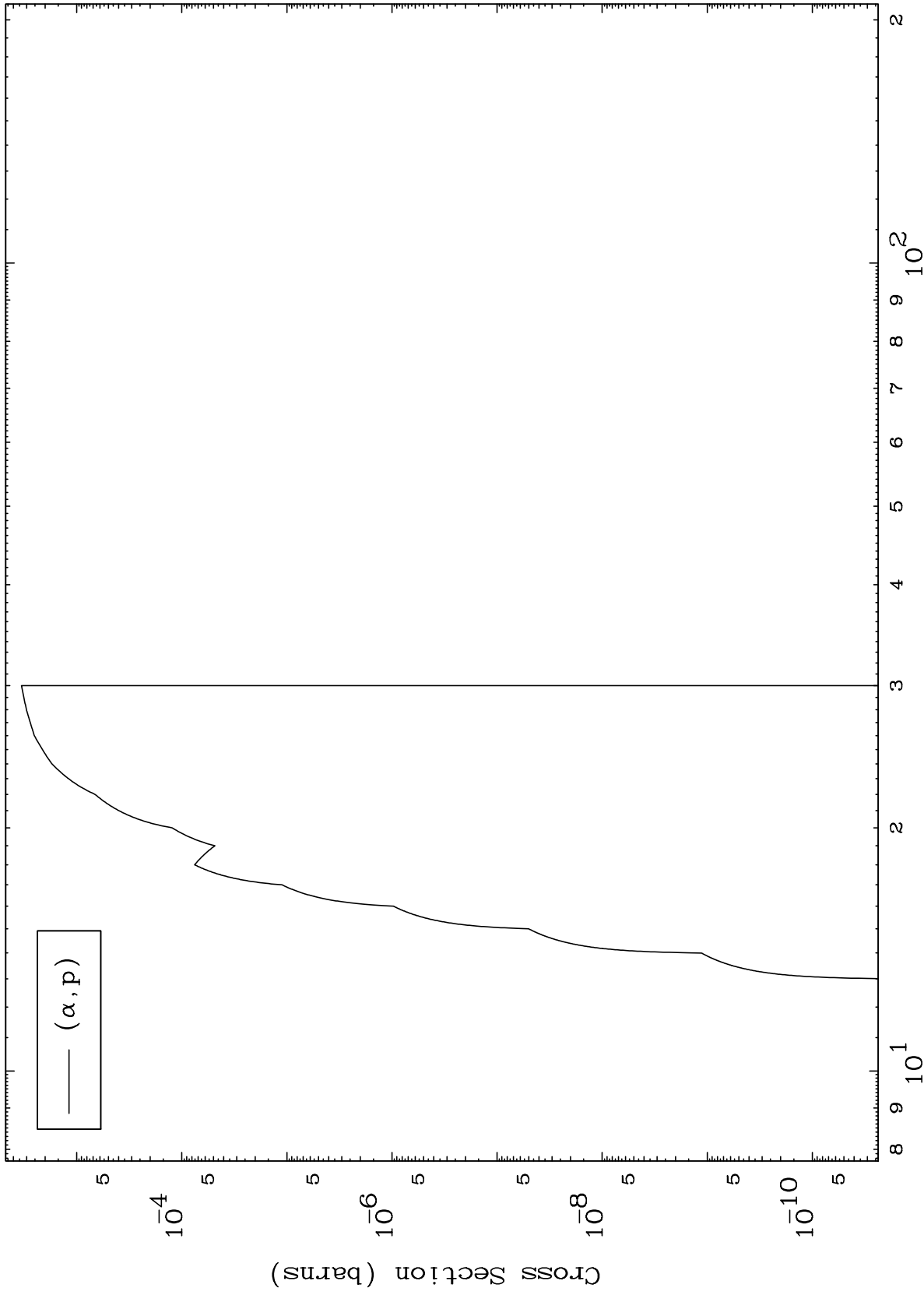
Incident Energy (MeV)

83-Bi-201

MAT 8301

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-201



6

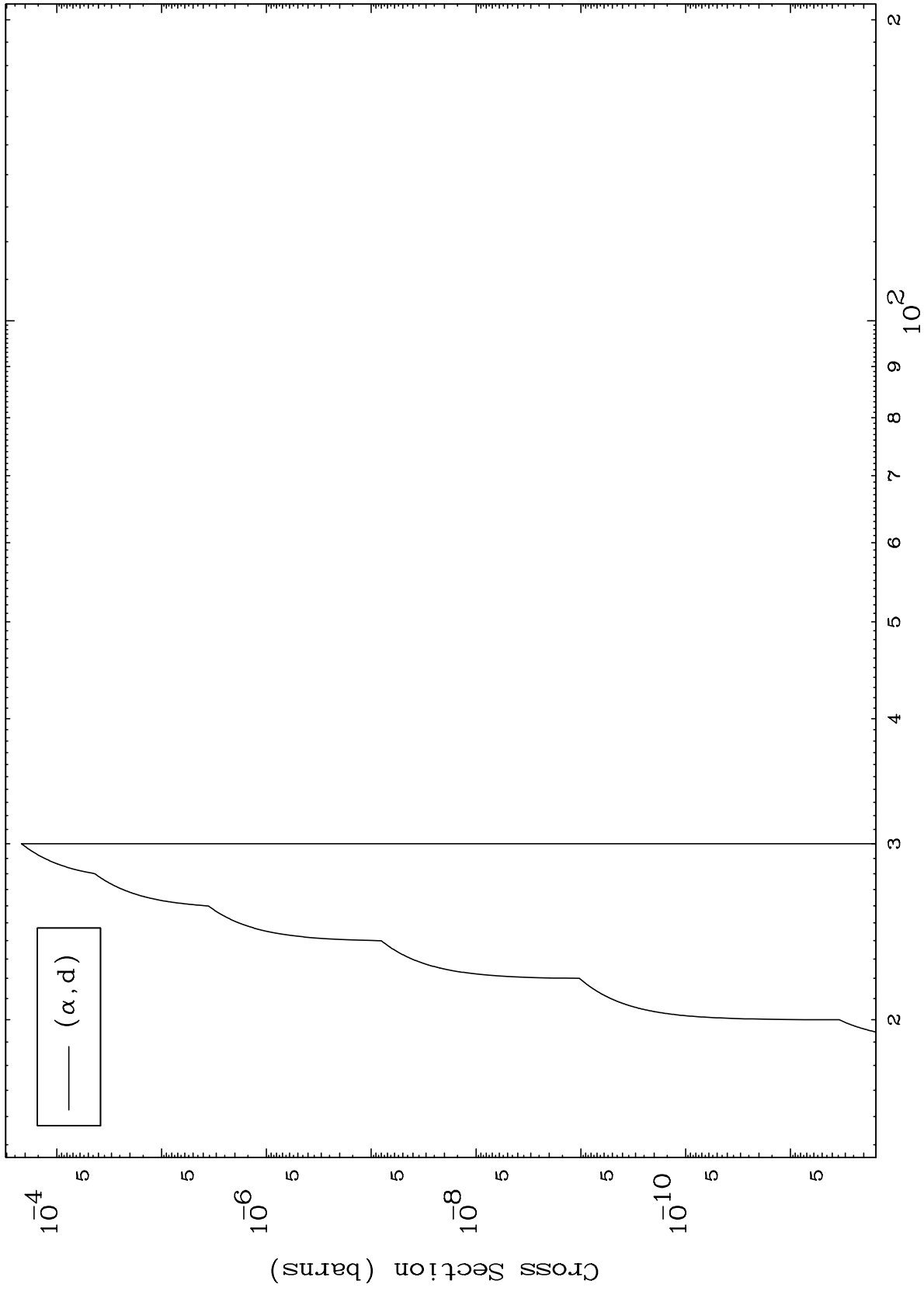
Incident Energy (MeV)

83-Bi-201

MAT 8301

(α, d) Levels
0 Kelvin Cross Sections

83-Bi-201



7

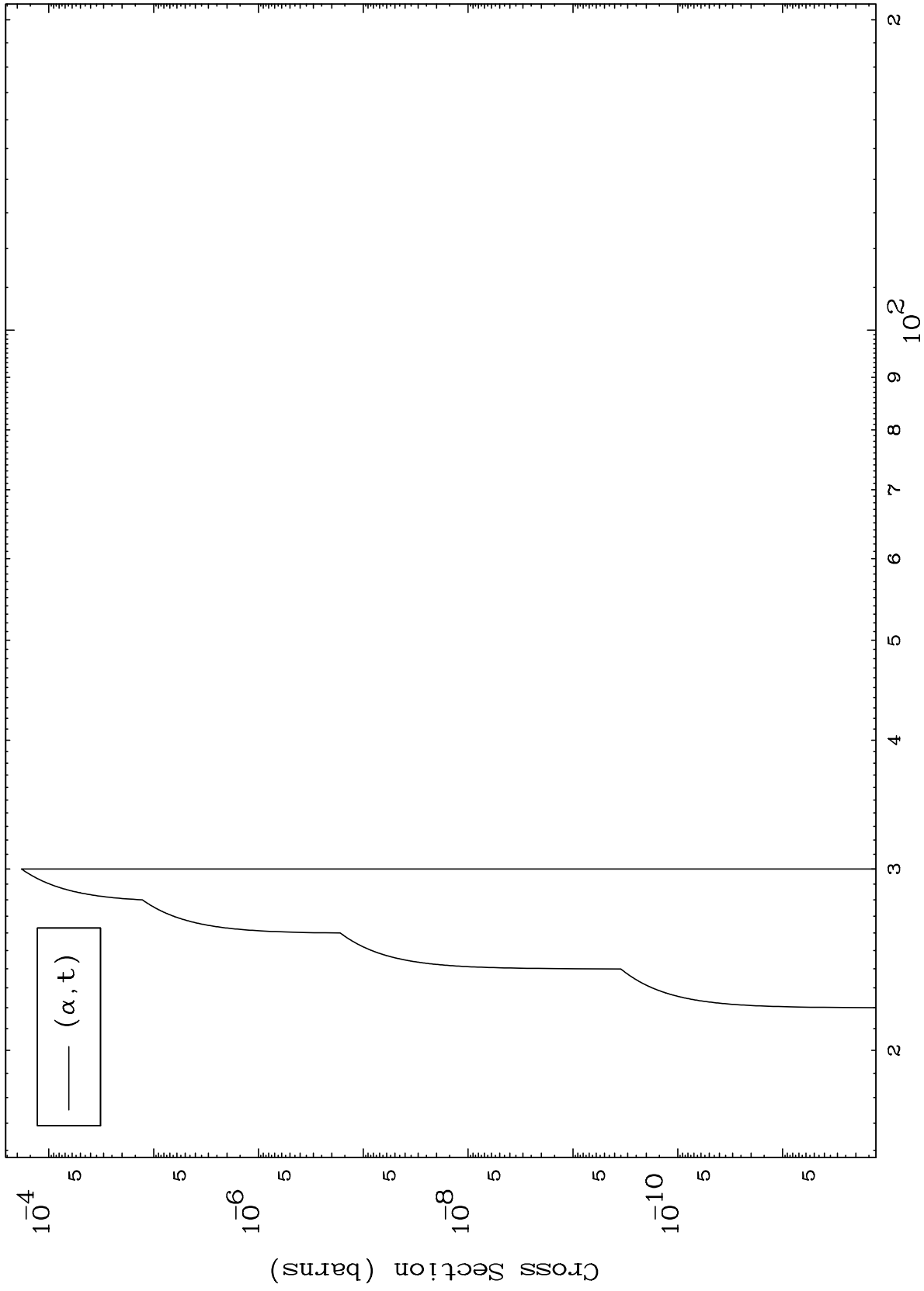
Incident Energy (MeV)

83-Bi-201

MAT 8301

(α, t) Levels
0 Kelvin Cross Sections

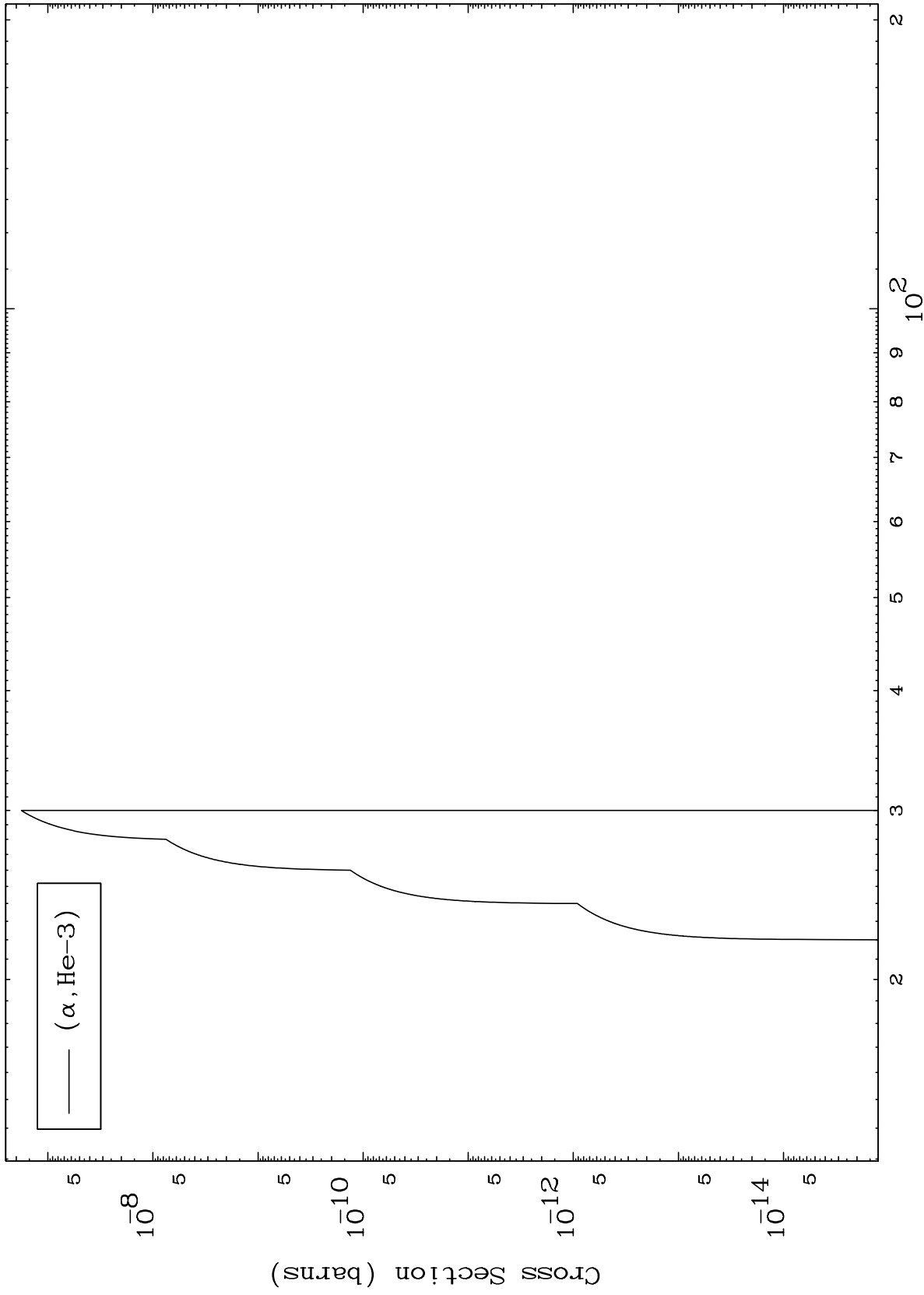
83-Bi-201



8

Incident Energy (MeV)

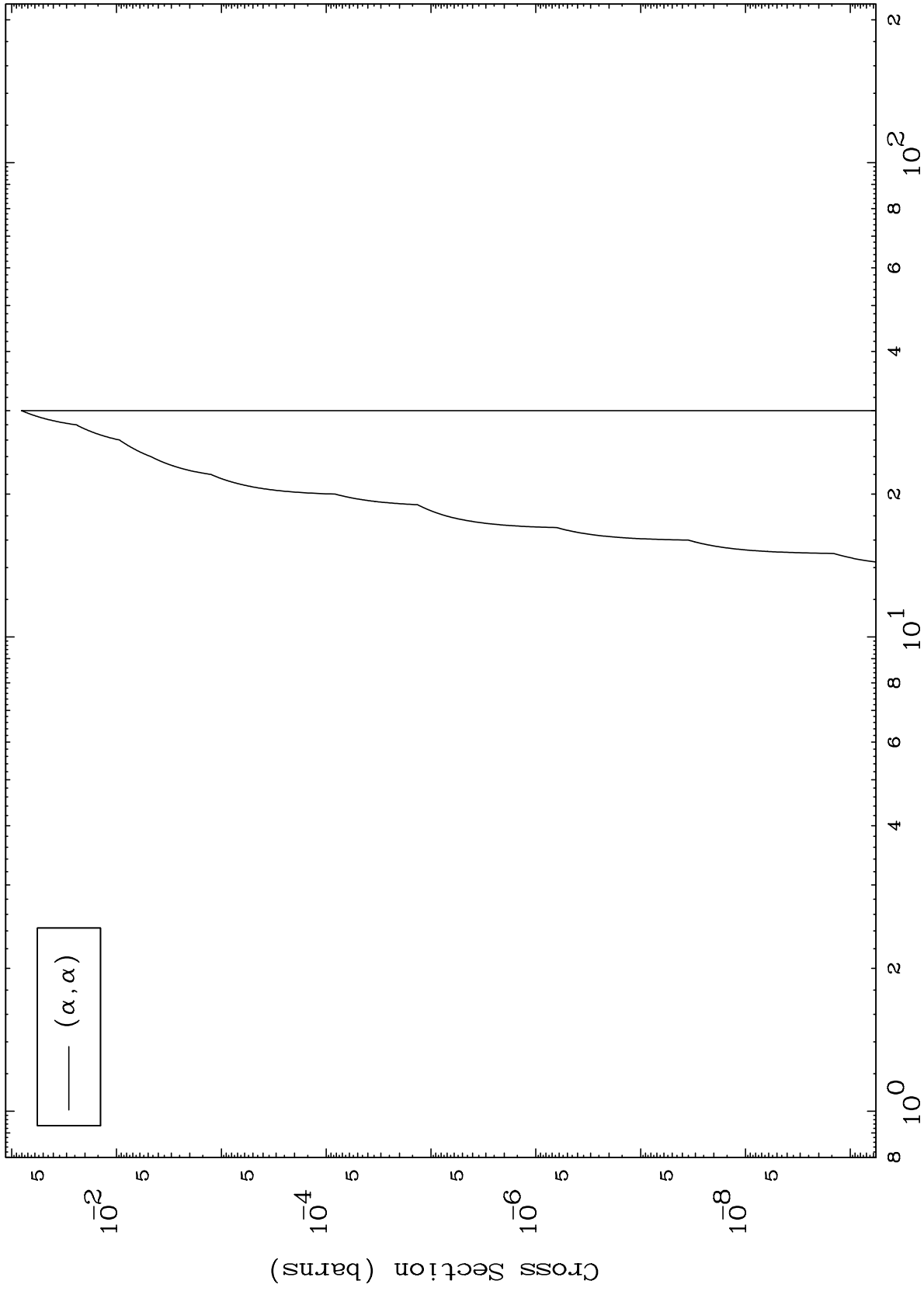
83-Bi-201



MAT 8301

(α, α) Levels
0 Kelvin Cross Sections

83-Bi-201



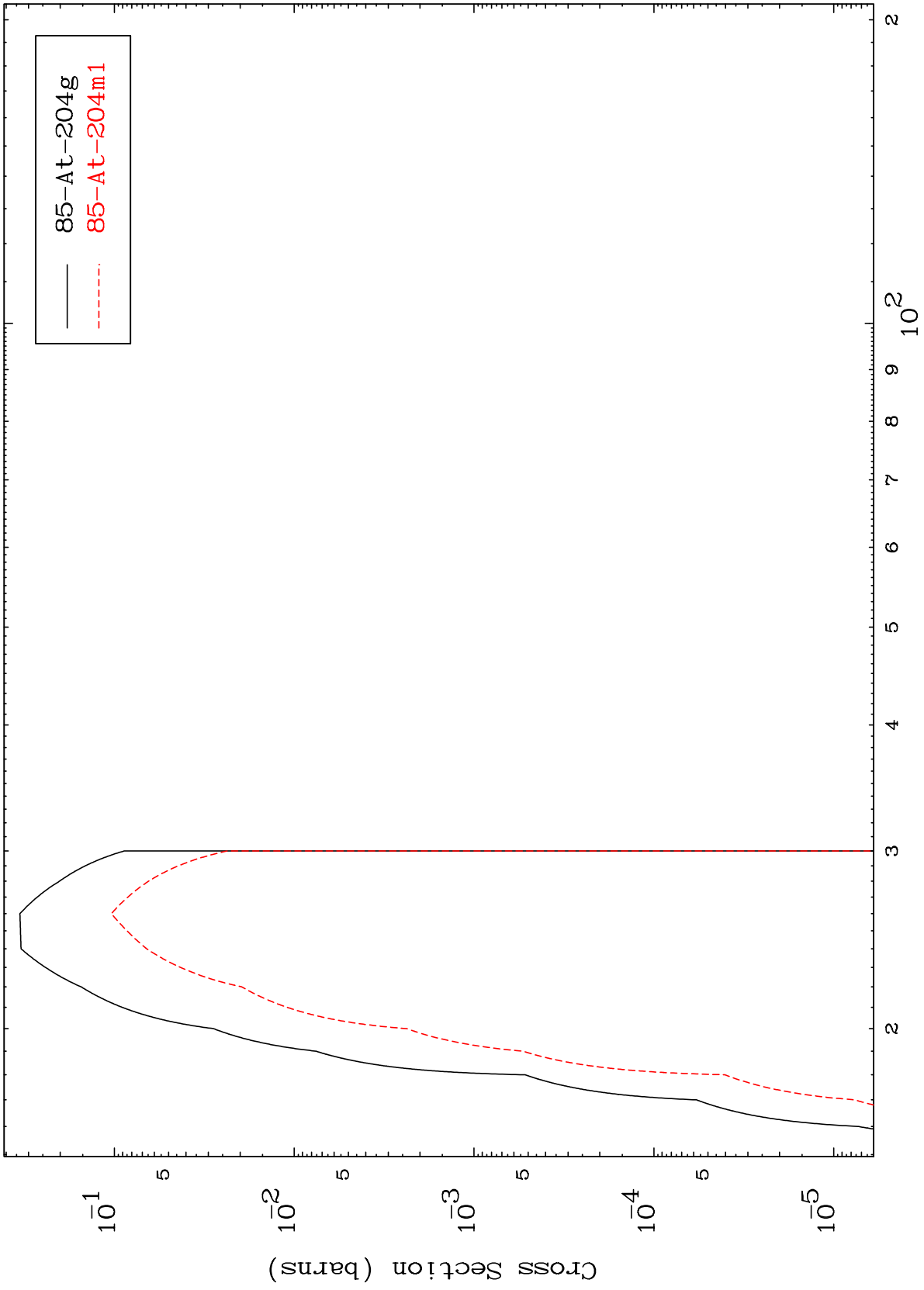
Incident Energy (MeV)

83-Bi-201

MAT 8301

83-Bi-201

α Inelastic
Radionuclide Production Cross Section



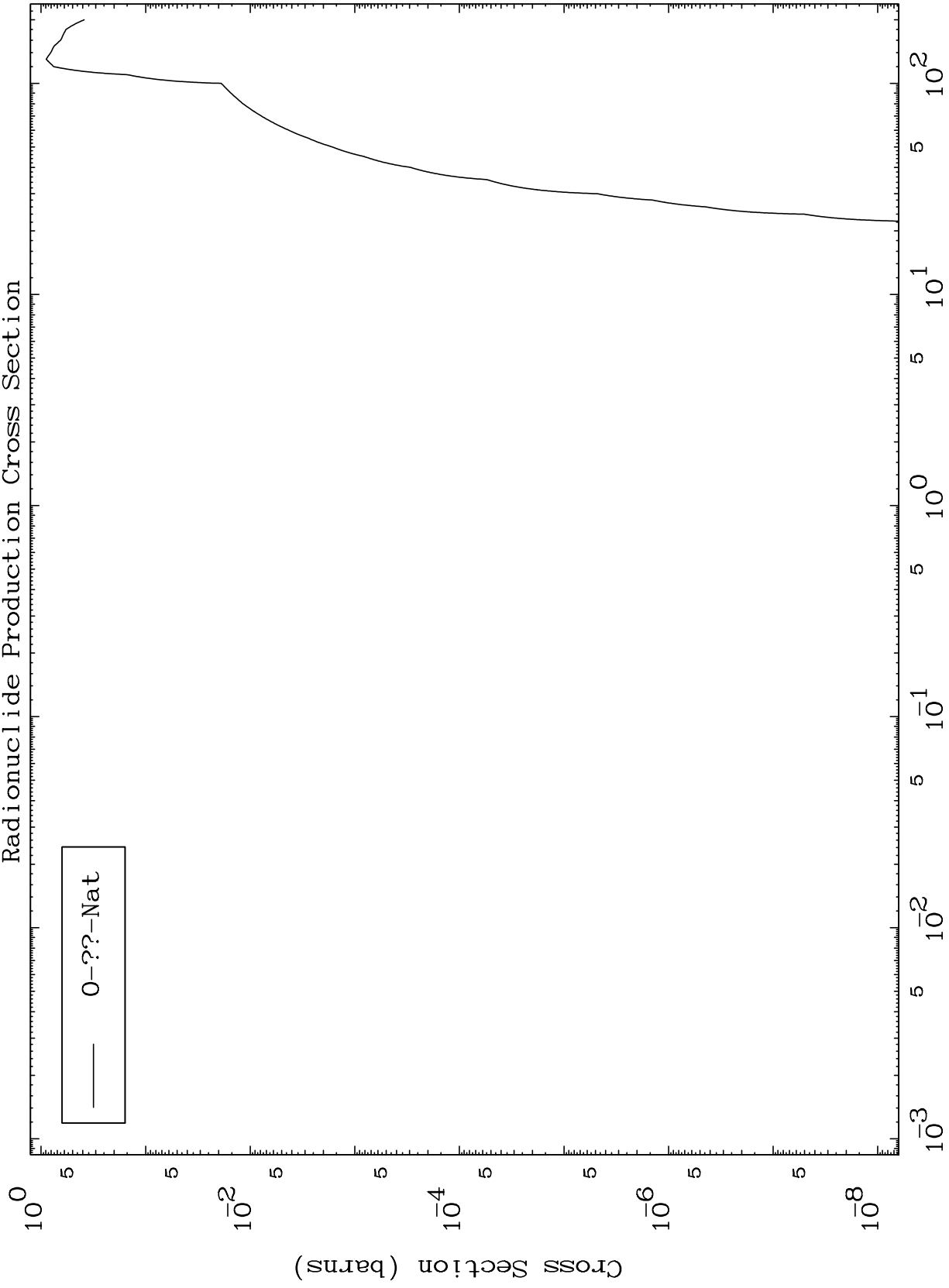
11

83-Bi-201

MAT 8301

83-Bi-201

α Fission
Radionuclide Production Cross Section



12

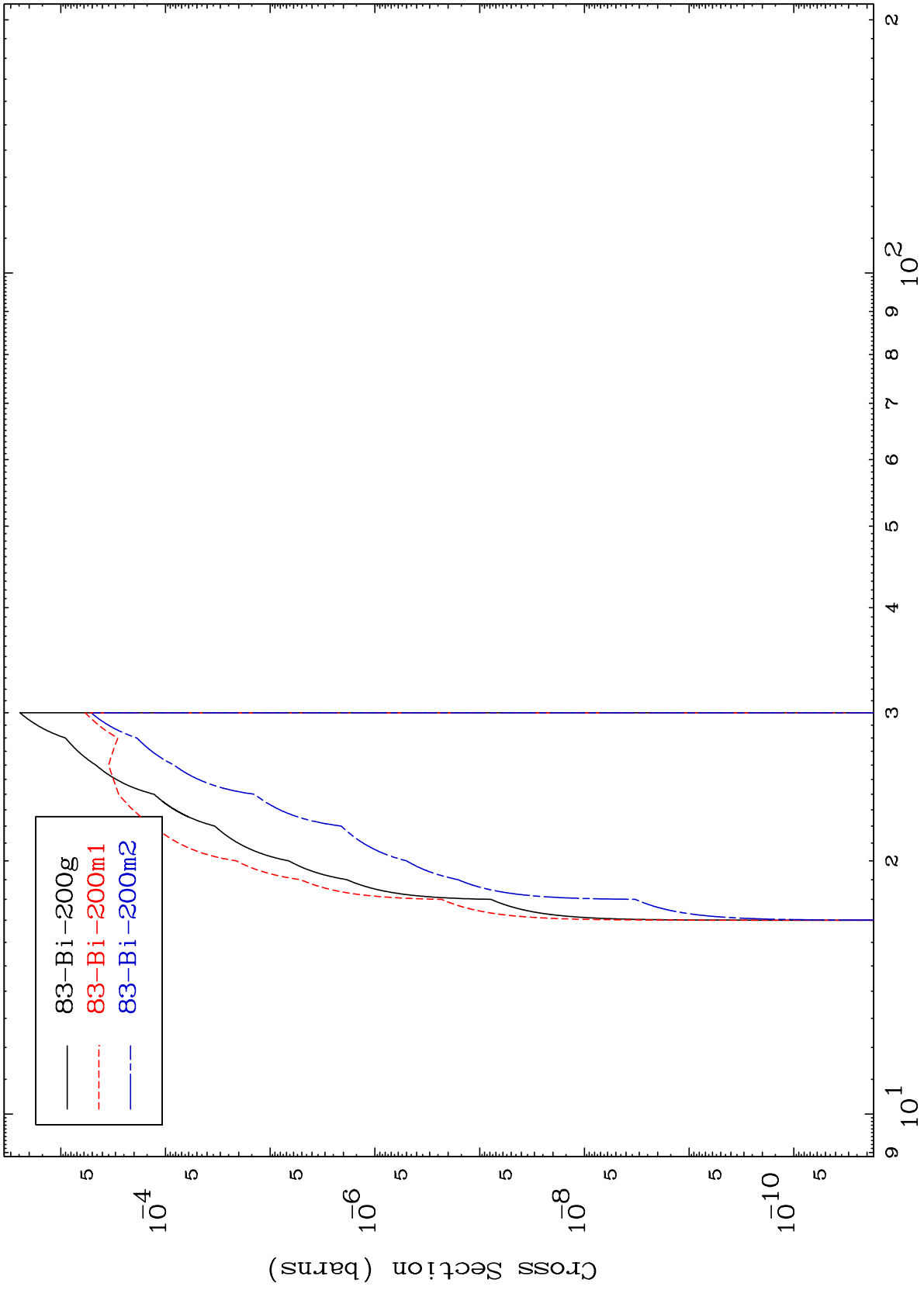
Incident Energy (MeV)

83-Bi-201

MAT 8301

83-Bi-201

(α, n') α
Radionuclide Production Cross Section



13

Incident Energy (MeV)

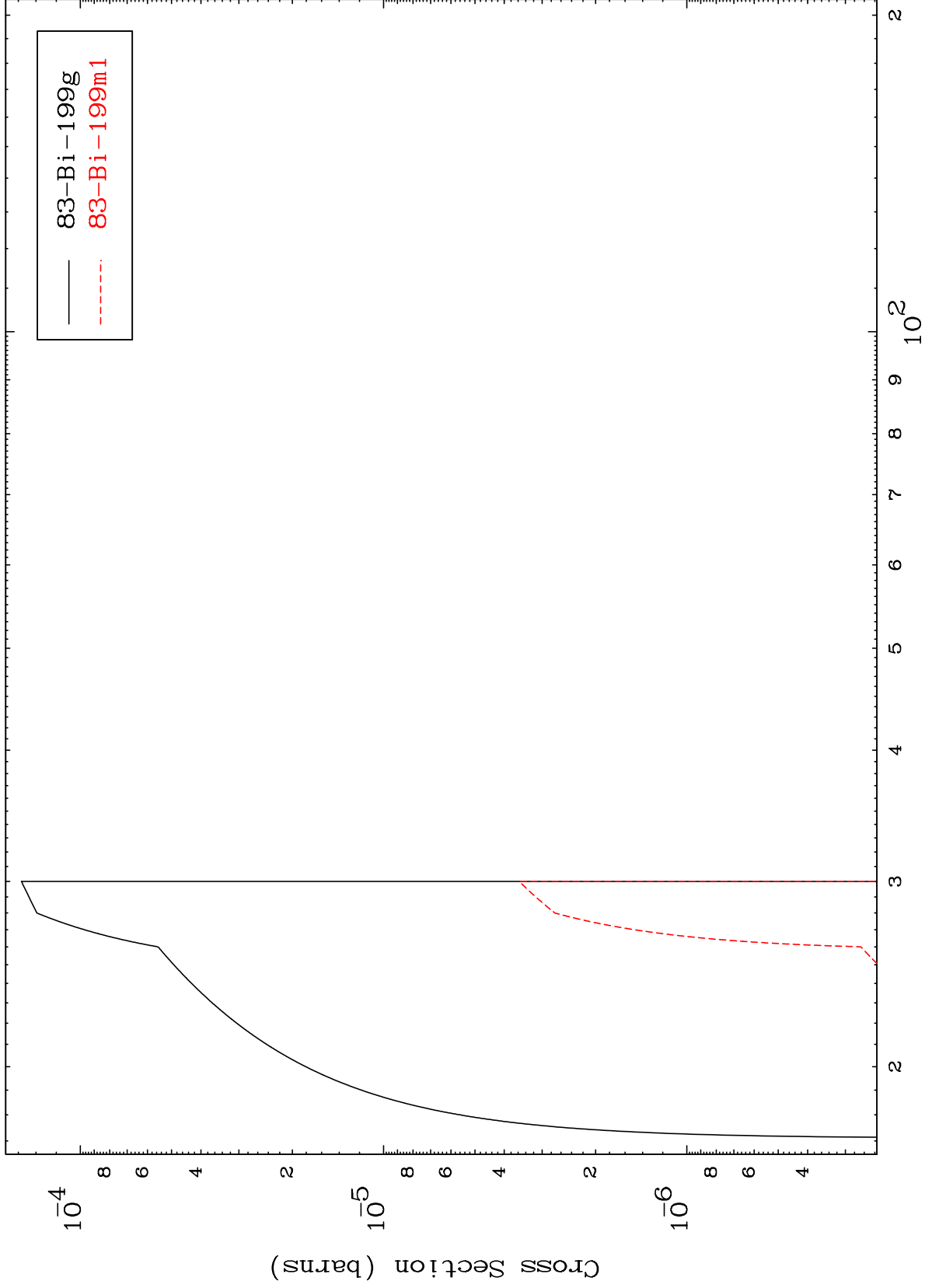
83-Bi-201

MAT 8301

$(\alpha, 2n) \alpha$

$^{83}\text{Bi}-201$

Radionuclide Production Cross Section



14

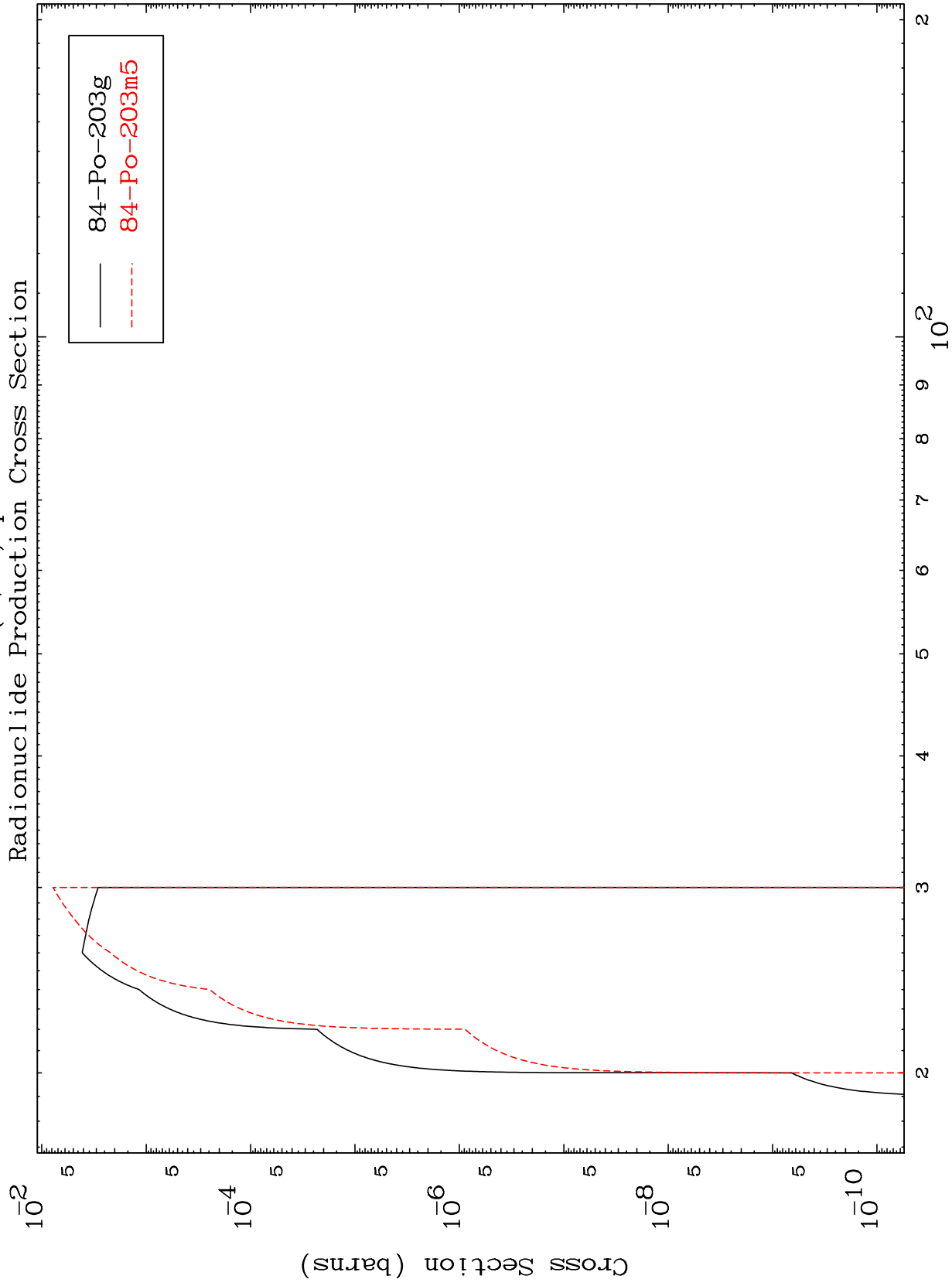
Incident Energy (MeV)

$^{83}\text{Bi}-201$

MAT 8301

(α, n') p

83-Bi-201



15

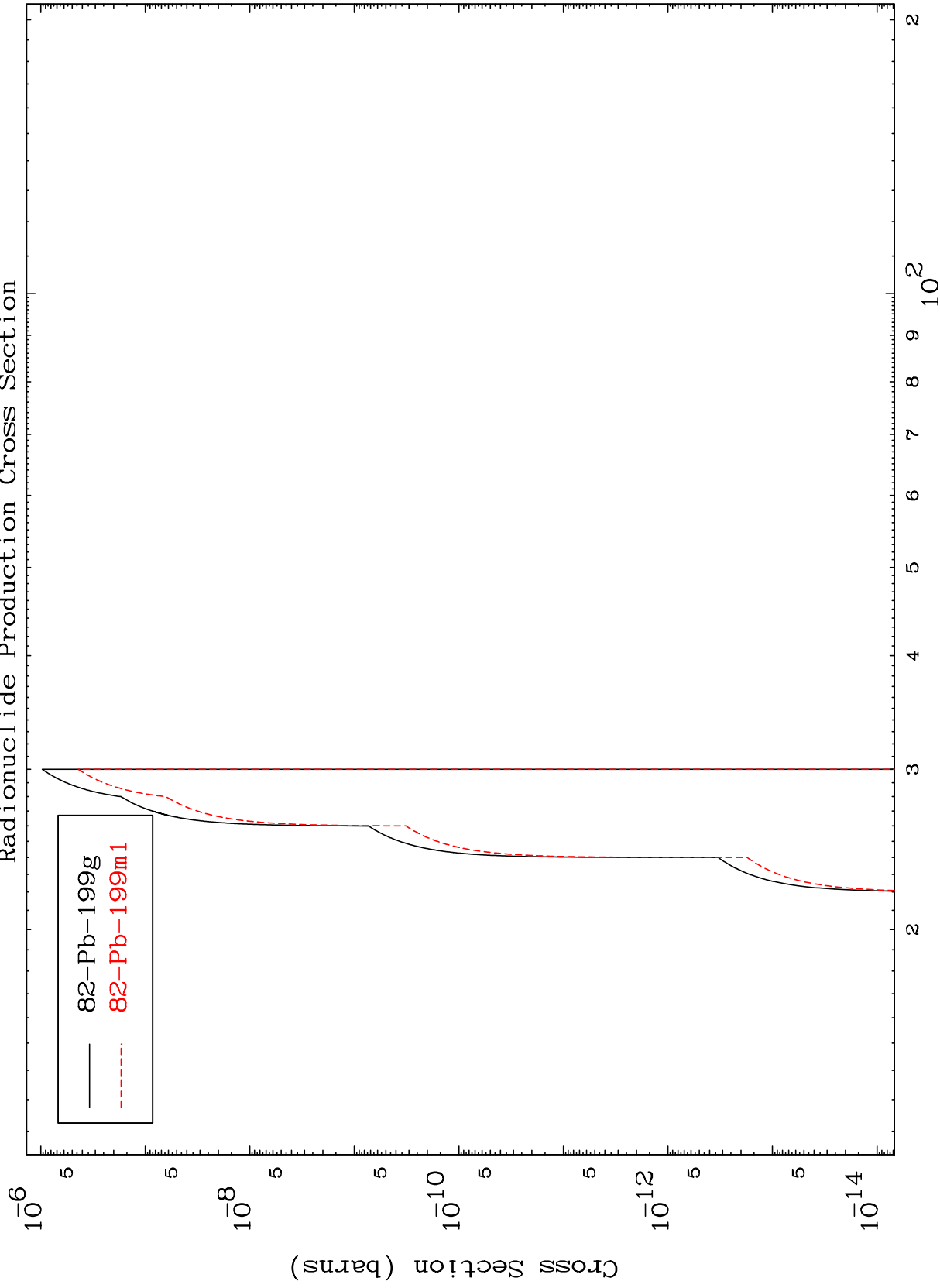
Incident Energy (MeV)

83-Bi-201

MAT 8301

83-Bi-201

(α, n') p α
Radionuclide Production Cross Section



16

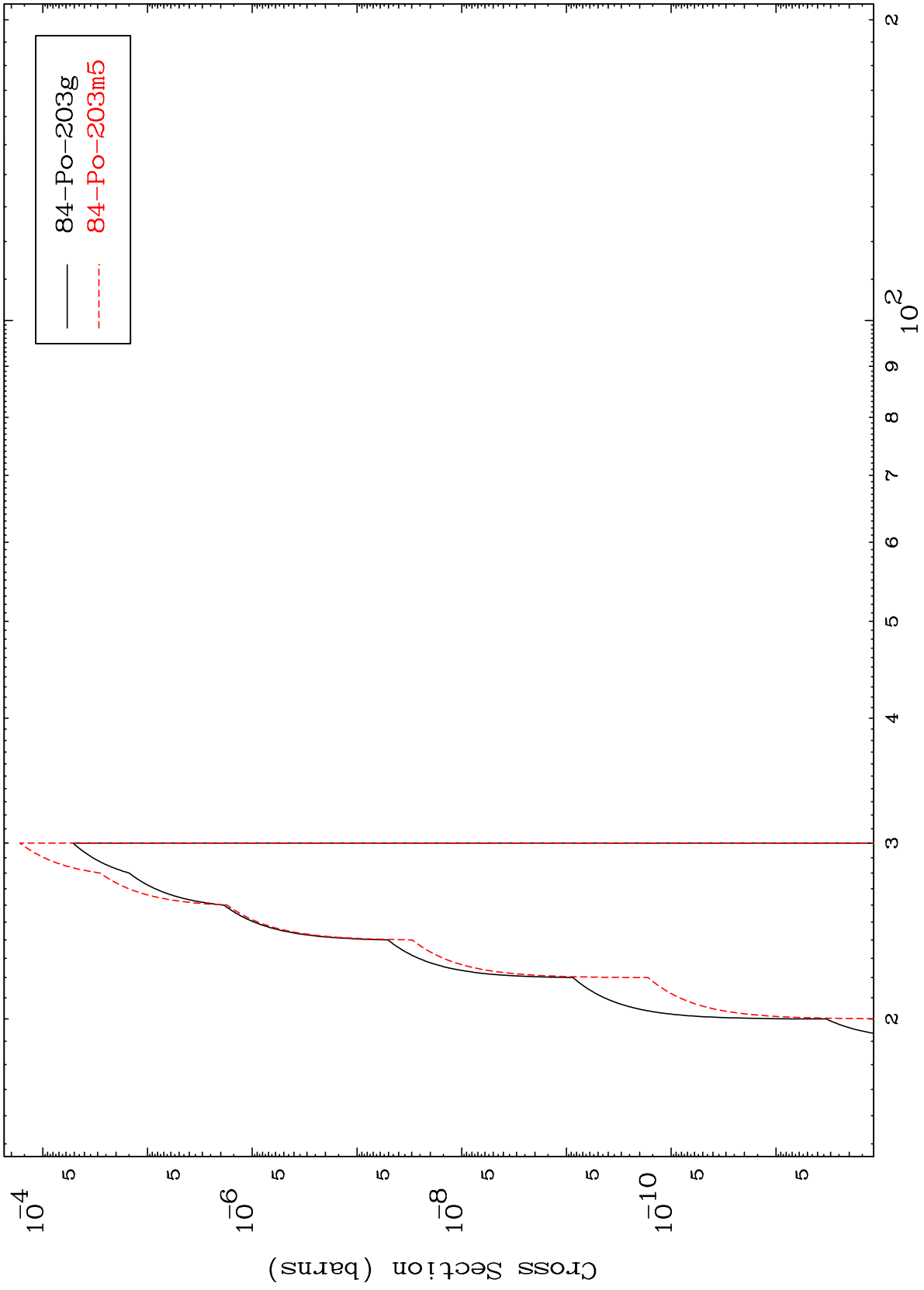
Incident Energy (MeV)

83-Bi-201

MAT 8301

83-Bi-201

(α, d)
Radionuclide Production Cross Section



17

83-Bi-201

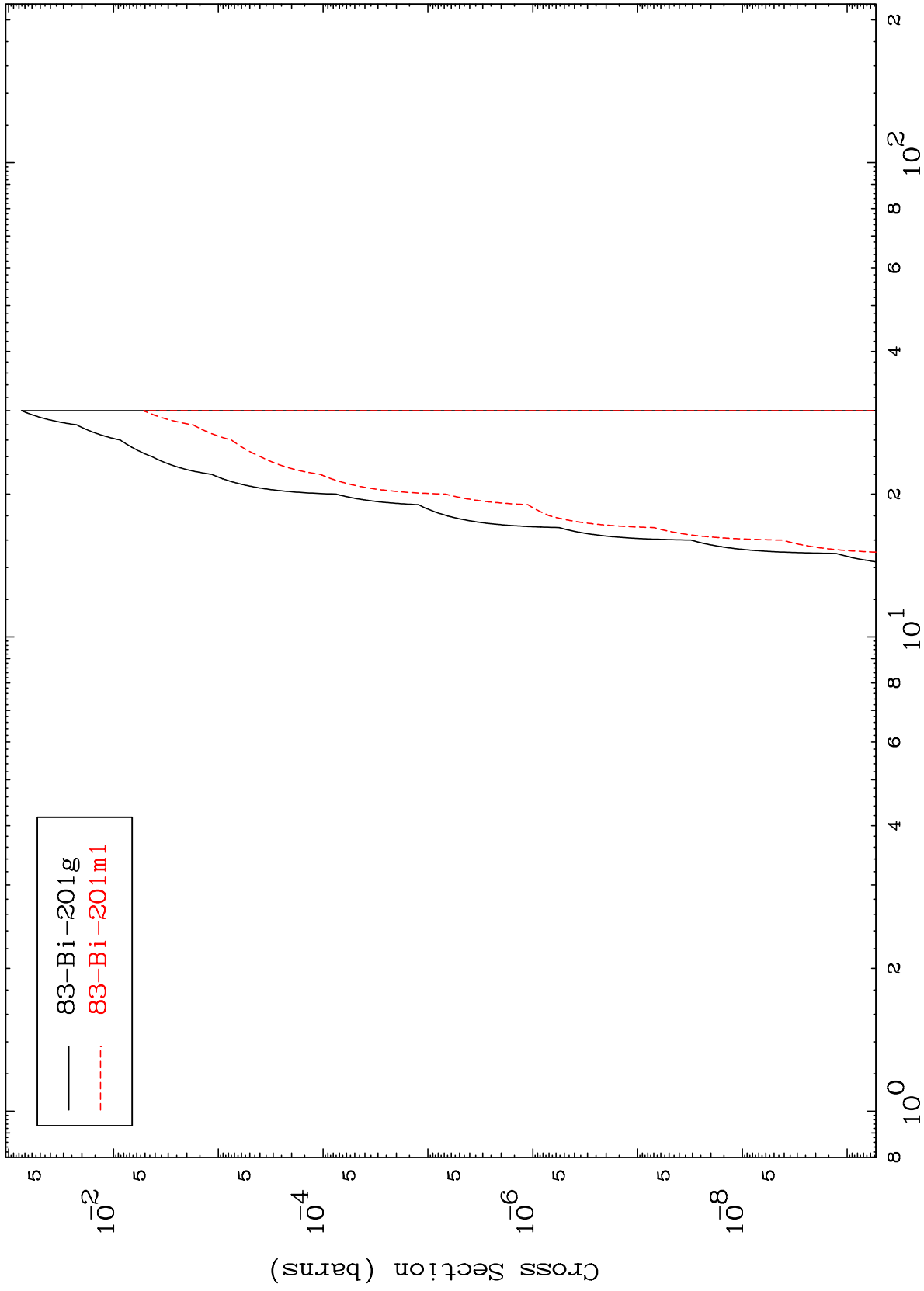
Incident Energy (MeV)

MAT 8301

(α, α)

83-Bi-201

Radionuclide Production Cross Section



18

Incident Energy (MeV)

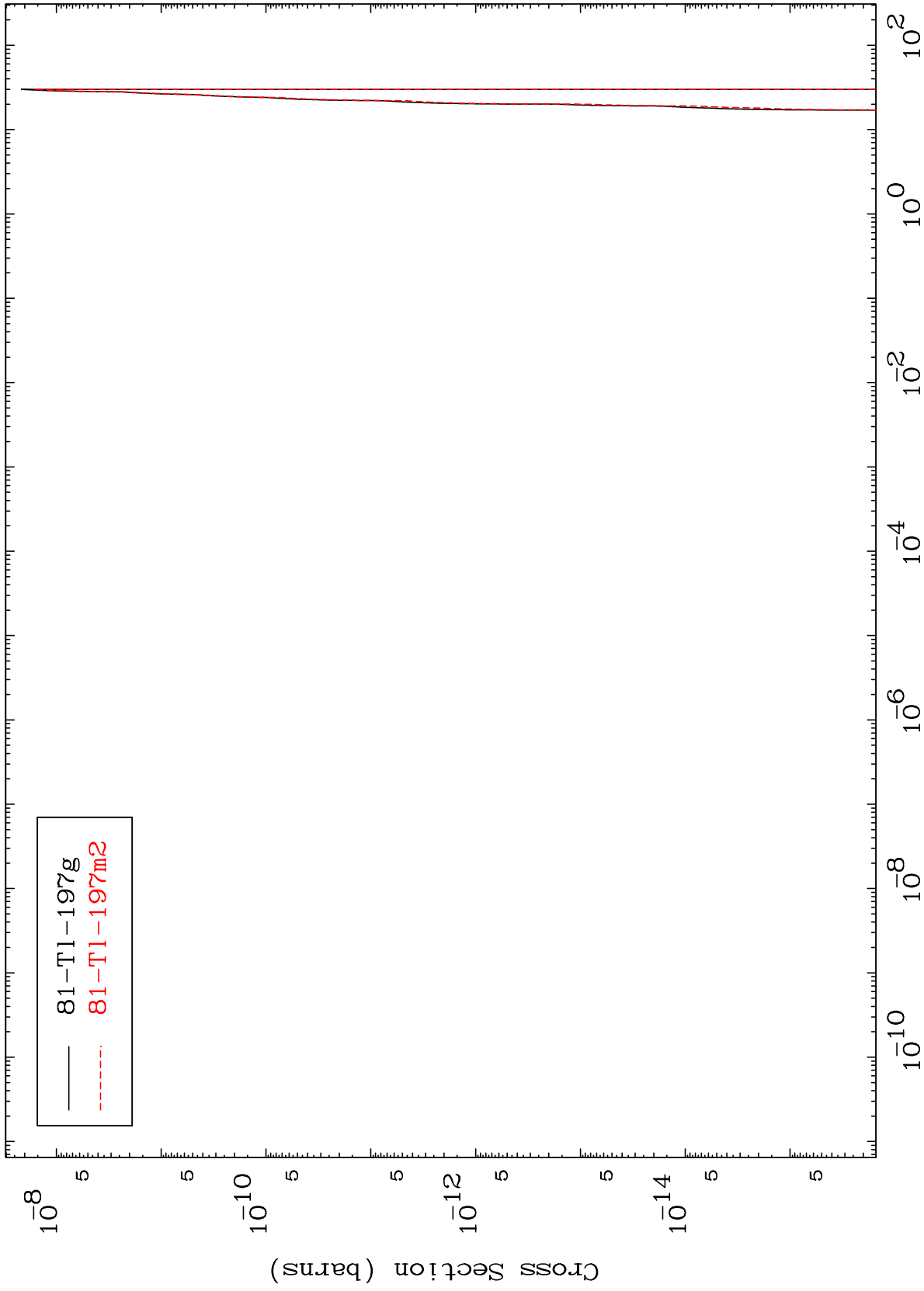
83-Bi-201

MAT 8301

($\alpha, 2\alpha$)

83-Bi-201

Radionuclide Production Cross Section



19

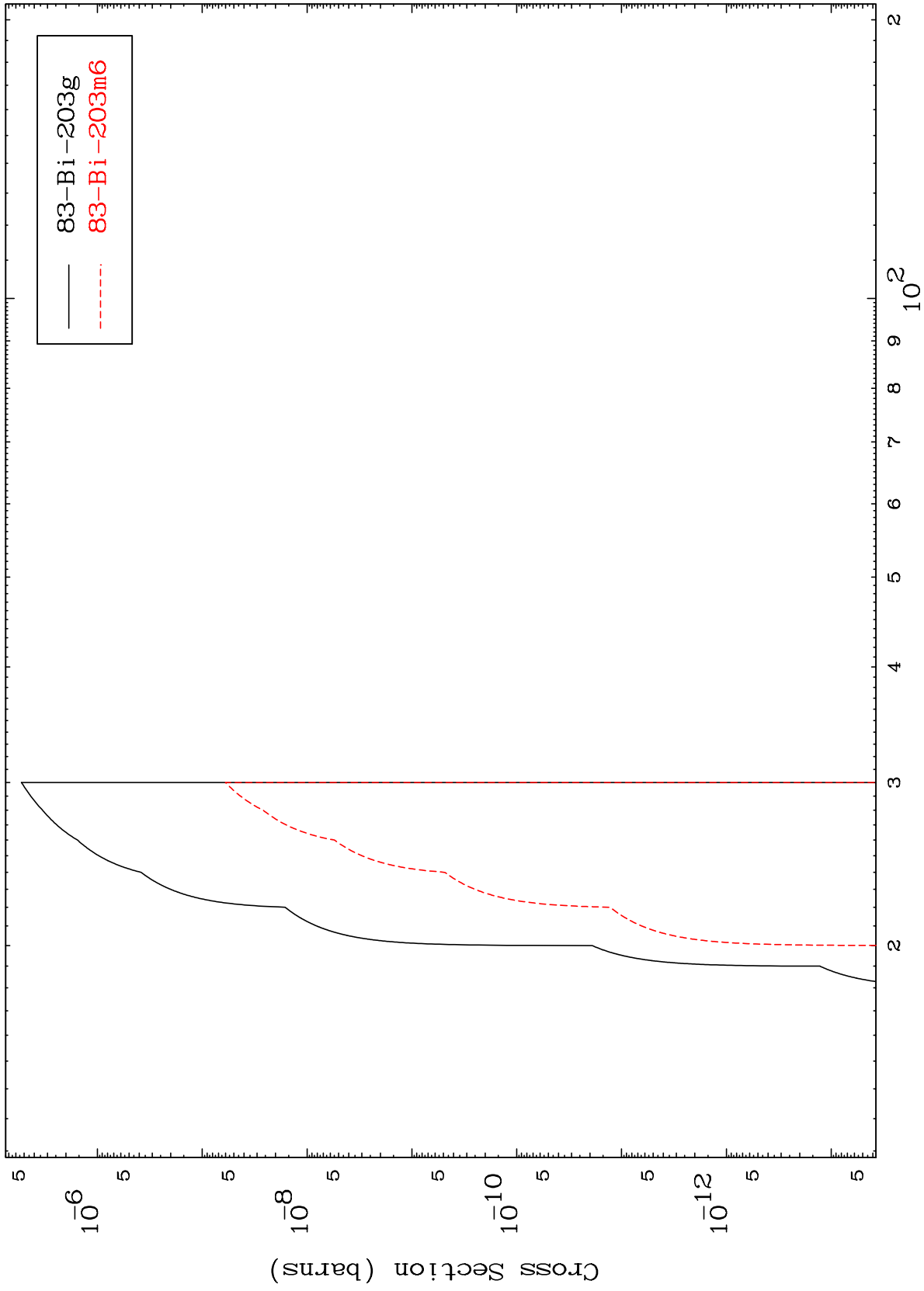
Incident Energy (MeV)

83-Bi-201

MAT 8301

83-Bi-201

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



20

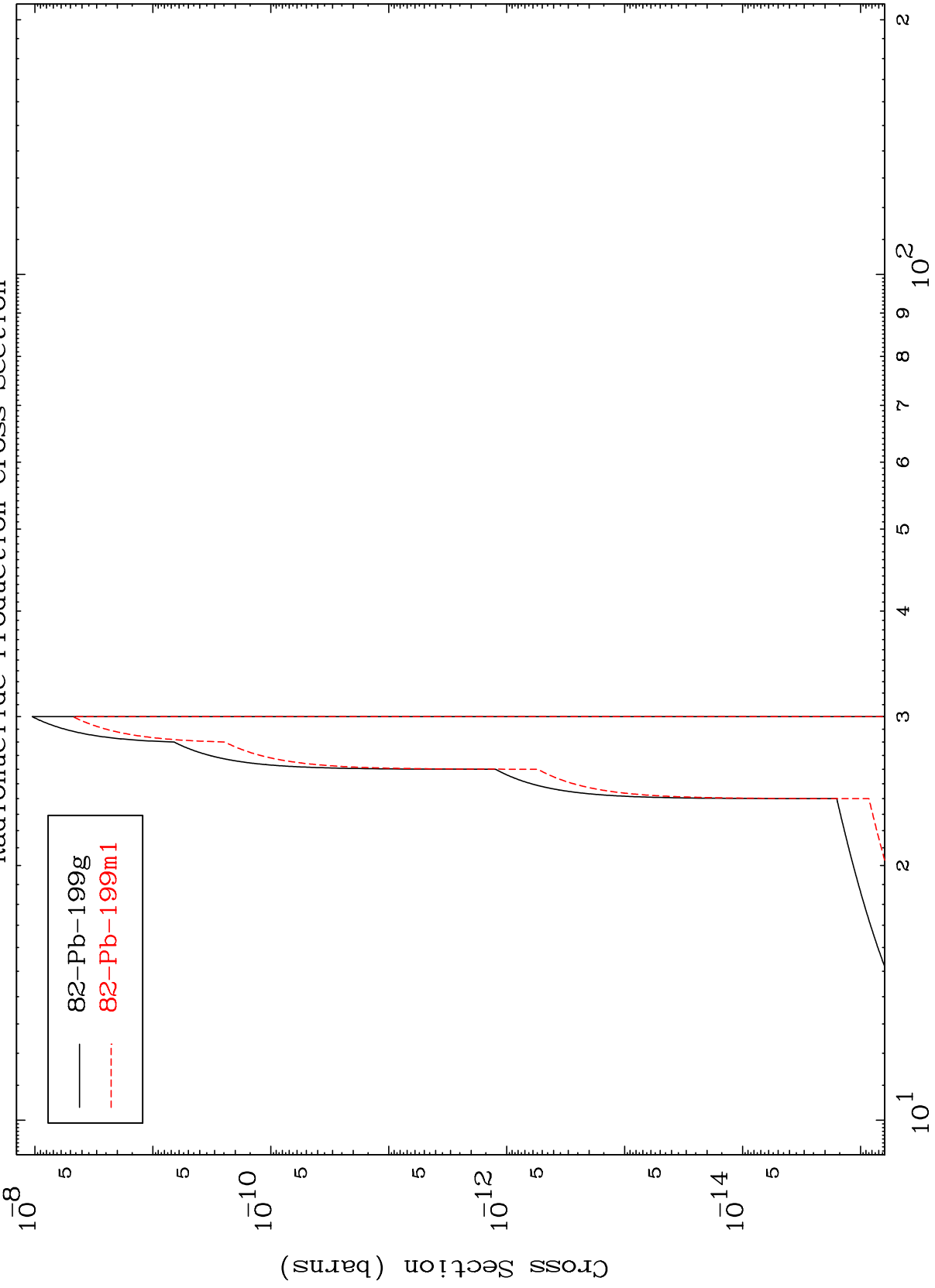
83-Bi-201

MAT 8301

(α, d) α

83-Bi-201

Radionuclide Production Cross Section



21

Incident Energy (MeV)

83-Bi-201