

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

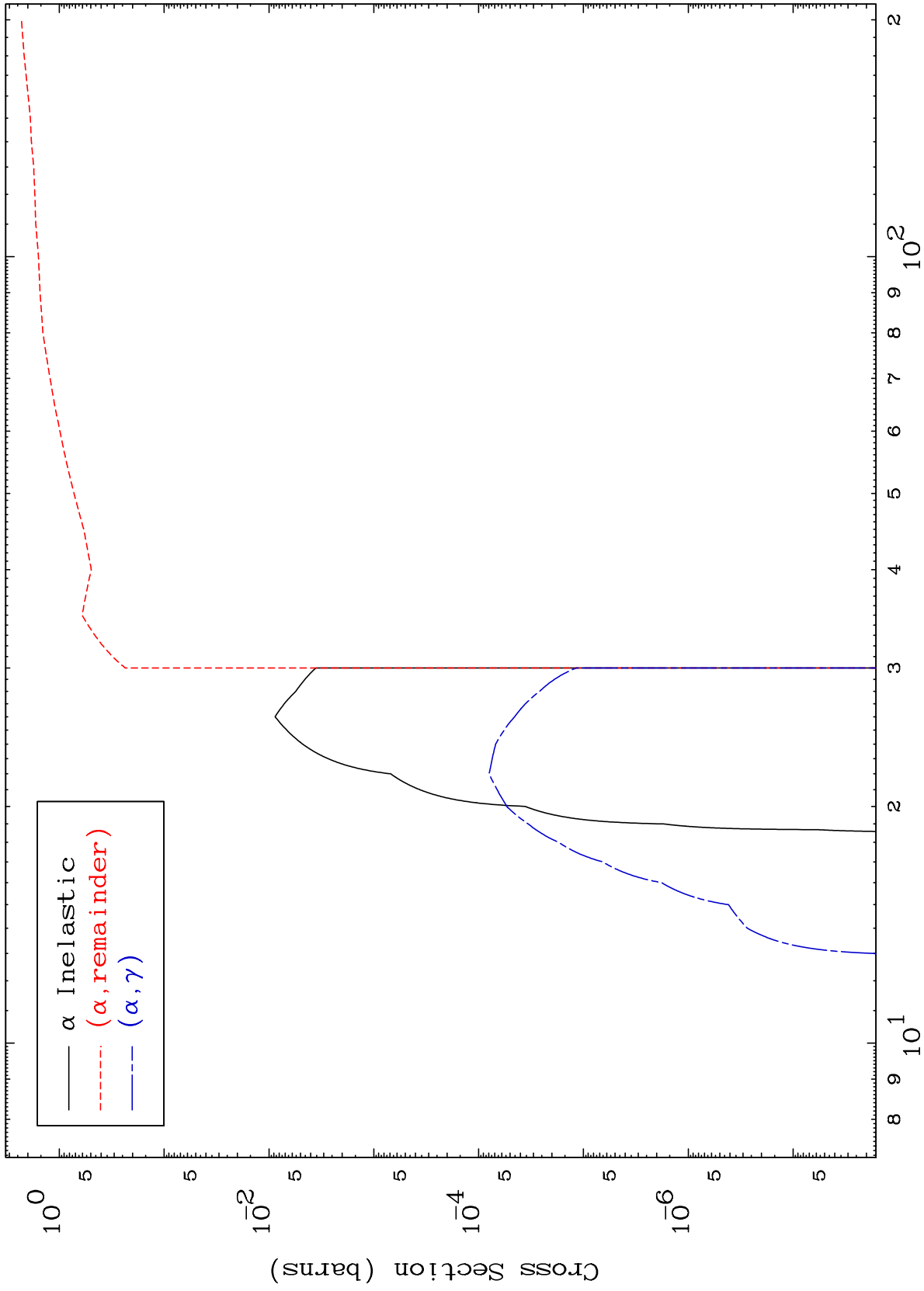
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8271

0 Kelvin α Major
Cross Sections

83-Bi-191



1

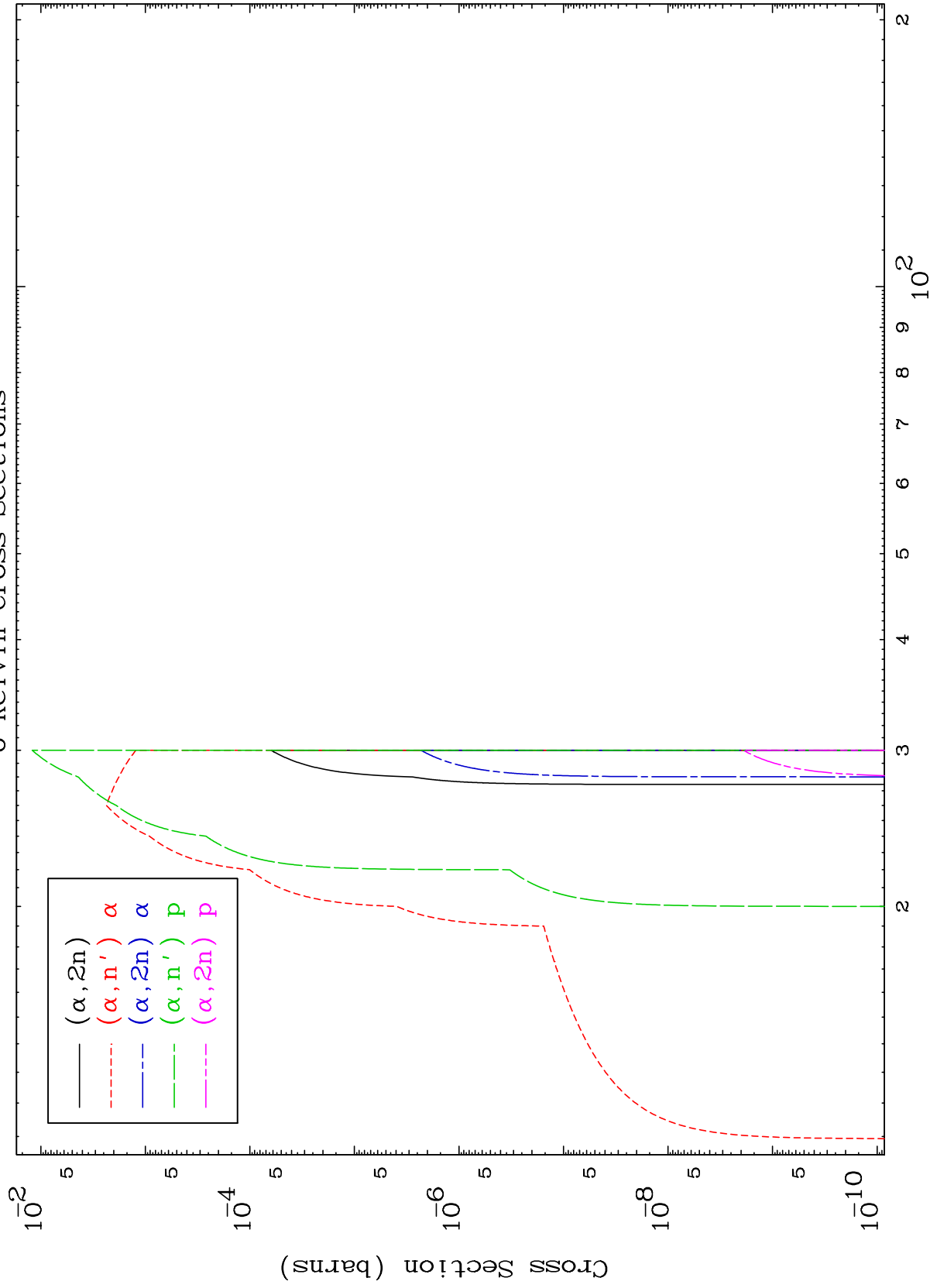
Incident Energy (MeV)

83-Bi-191

MAT 8271

α Neutron Production
0 Kelvin Cross Sections

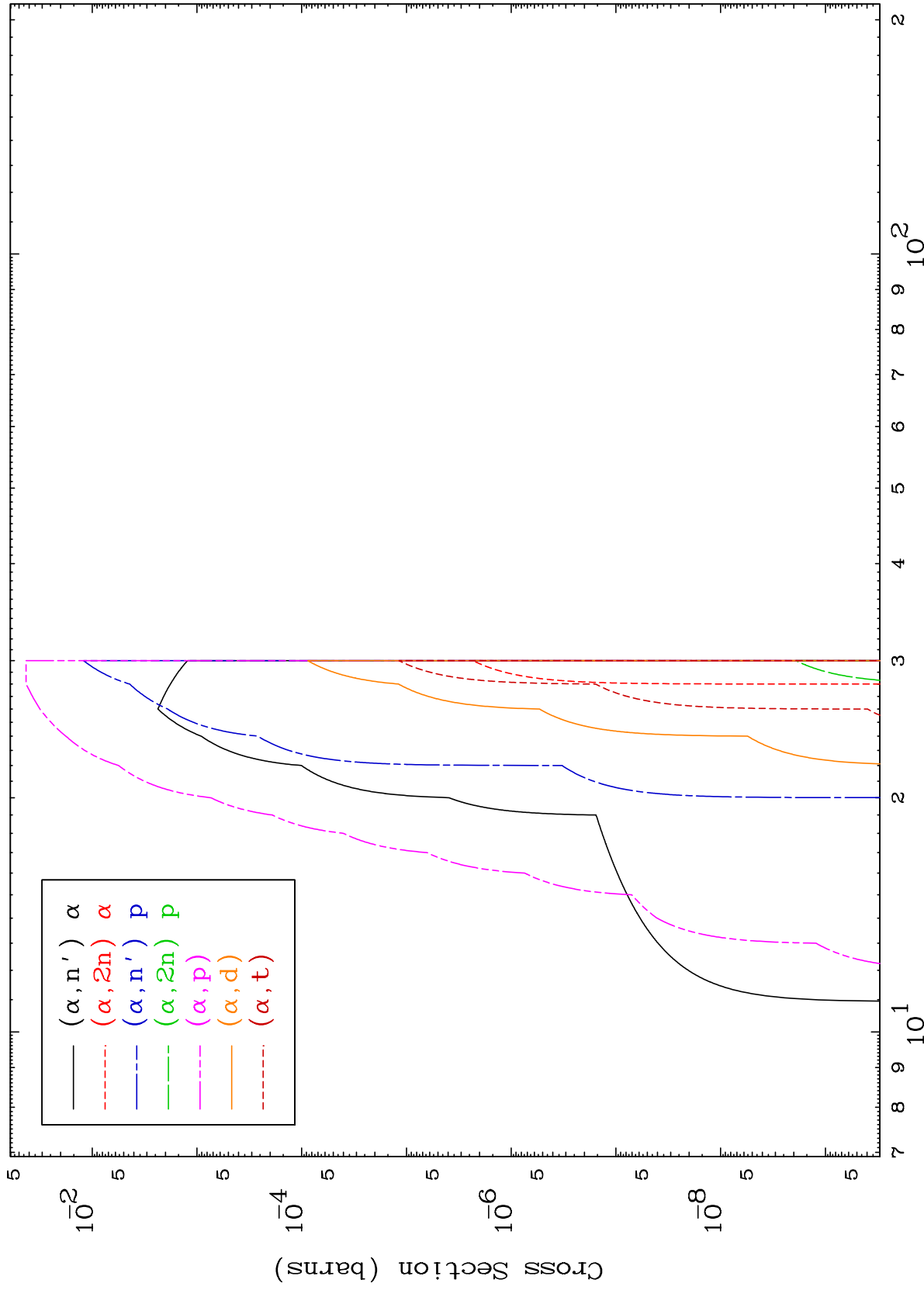
83-Bi-191



2

Incident Energy (MeV)

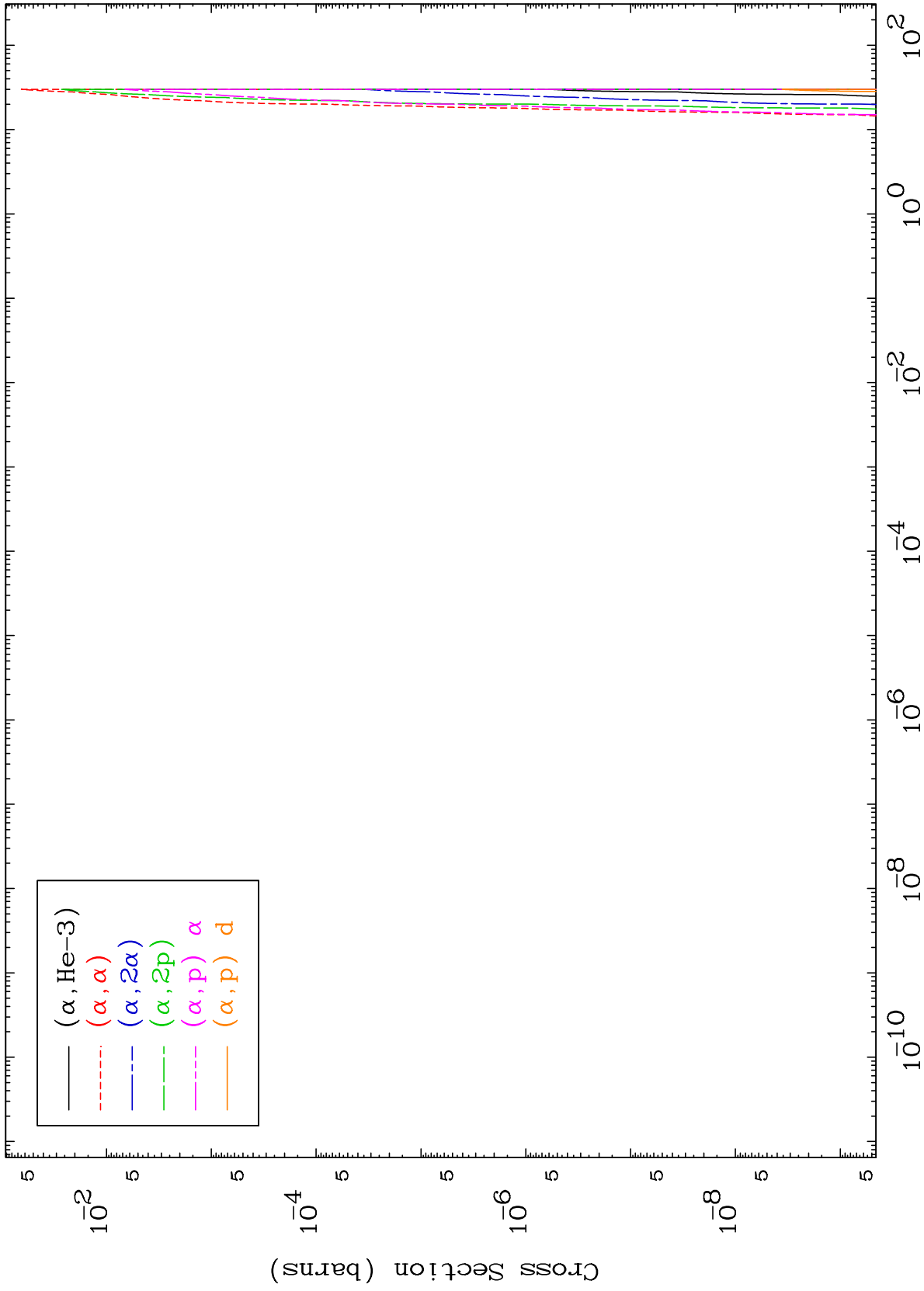
83-Bi-191



MAT 8271

α Charged Particle
0 Kelvin Cross Sections

83-Bi-191

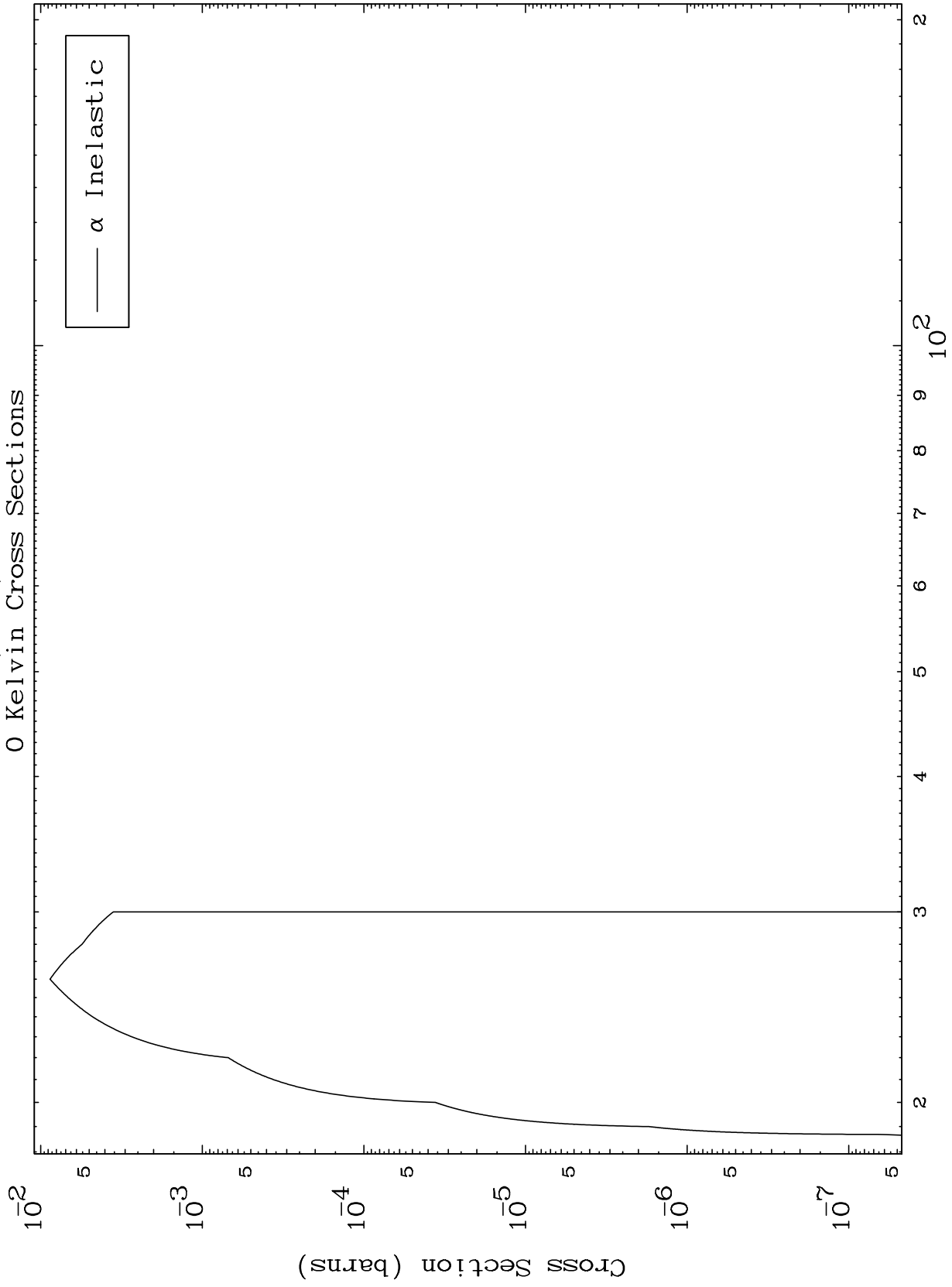


83-Bi-191

MAT 8271

(α, n') Level
0 Kelvin Cross Sections

83-Bi-191



5

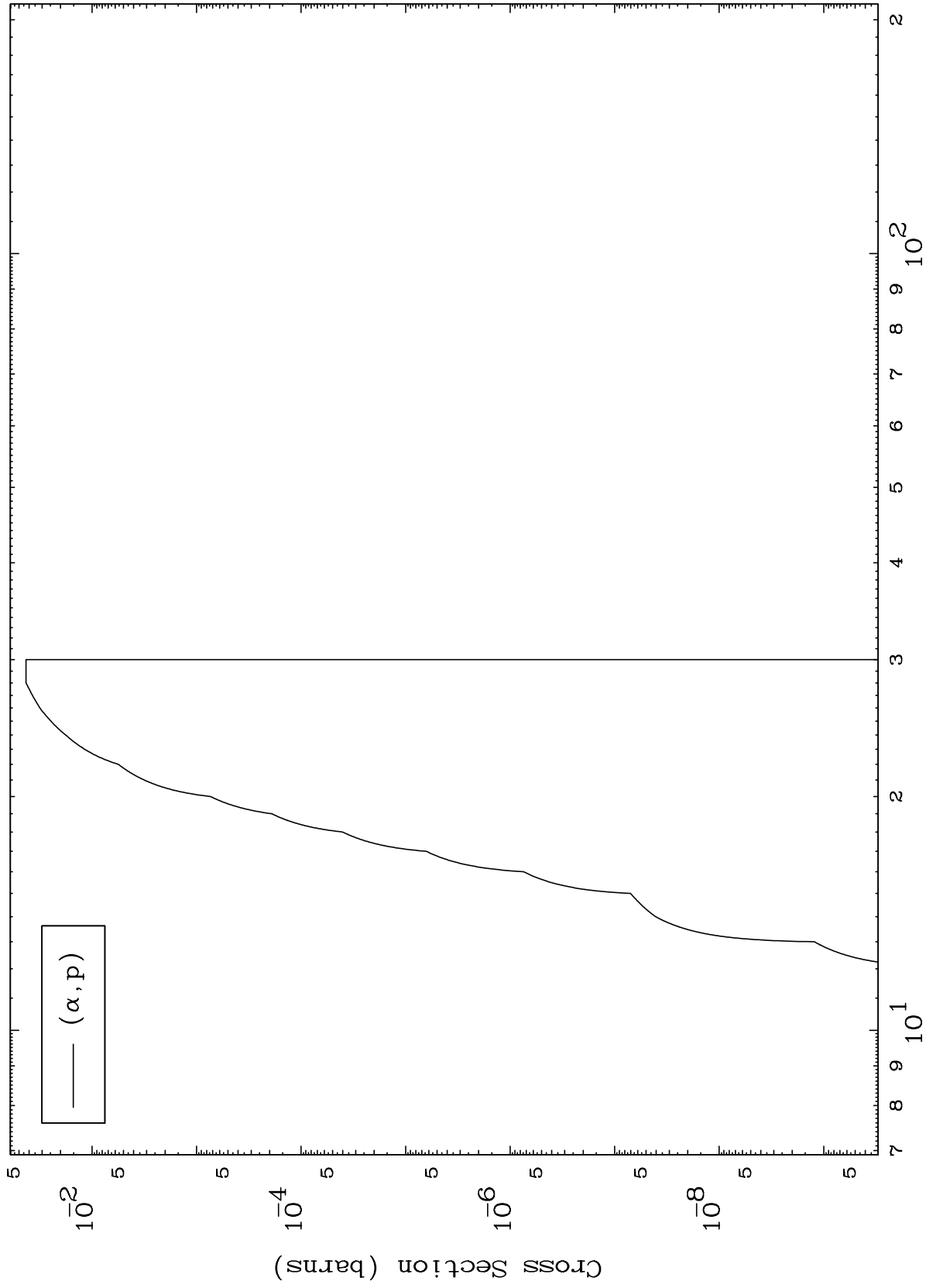
Incident Energy (MeV)

83-Bi-191

MAT 8271

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-191



6

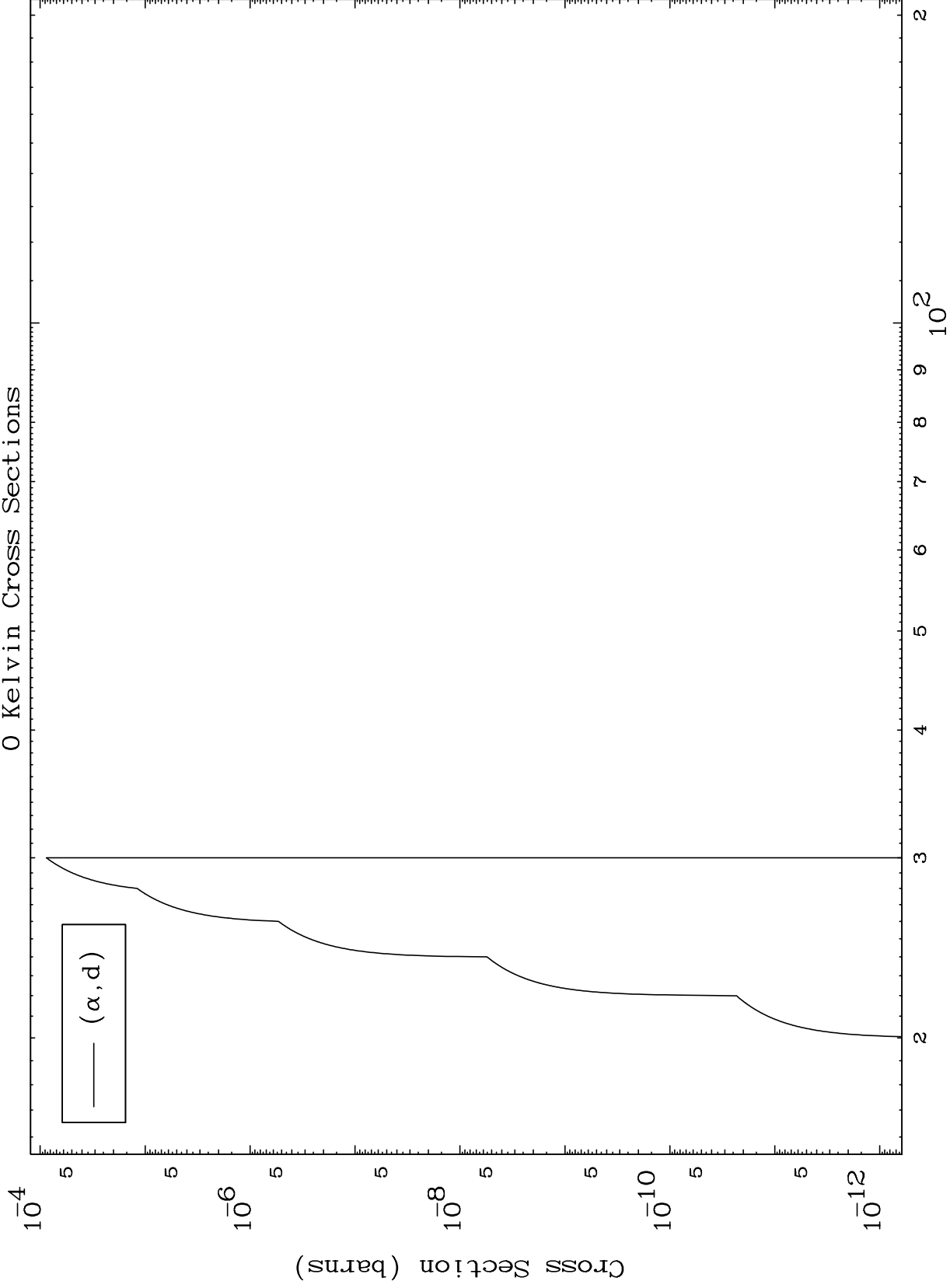
Incident Energy (MeV)

83-Bi-191

MAT 8271

(α, d) Levels
0 Kelvin Cross Sections

83-Bi-191



7

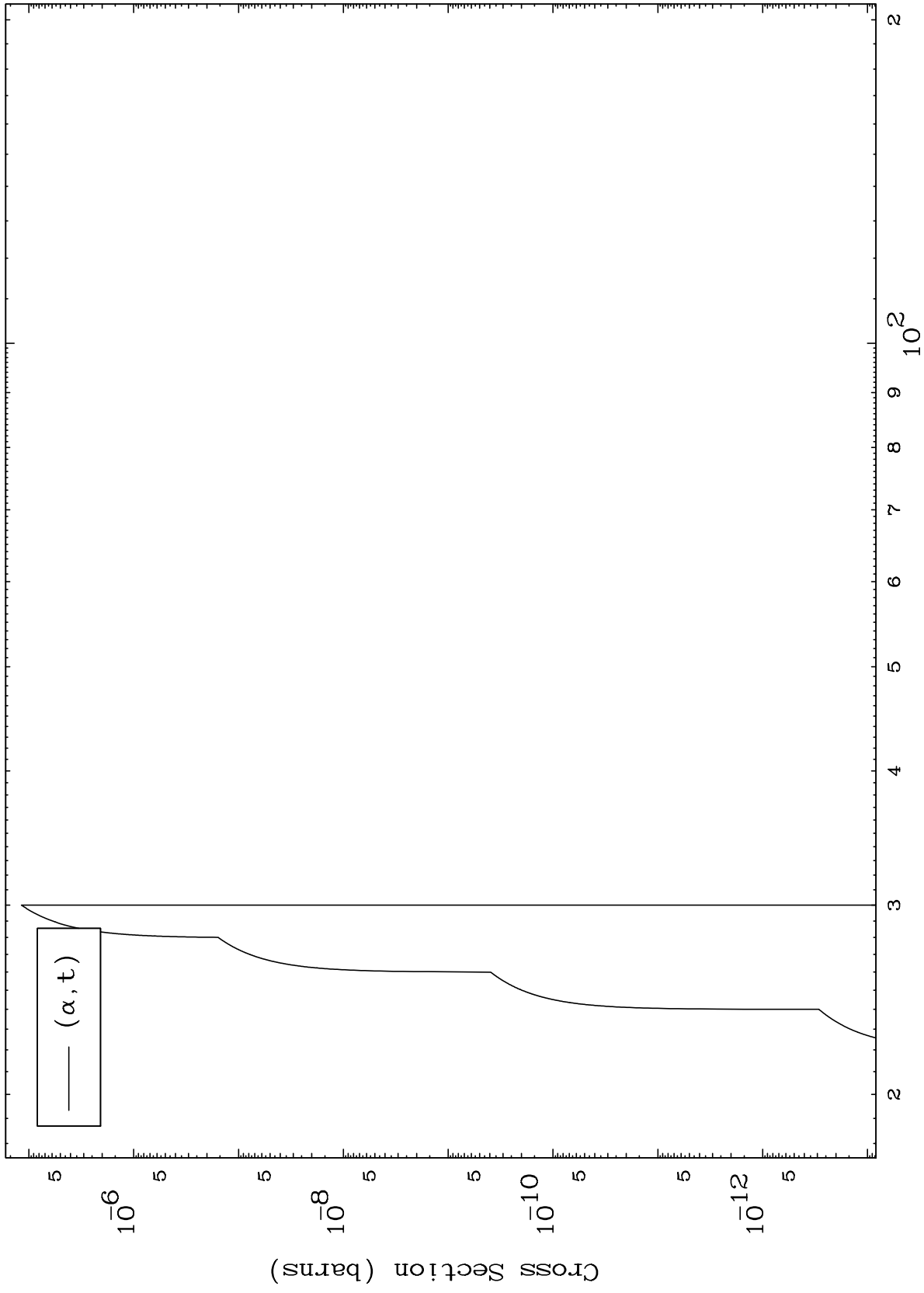
Incident Energy (MeV)

83-Bi-191

MAT 8271

(α, t) Levels
0 Kelvin Cross Sections

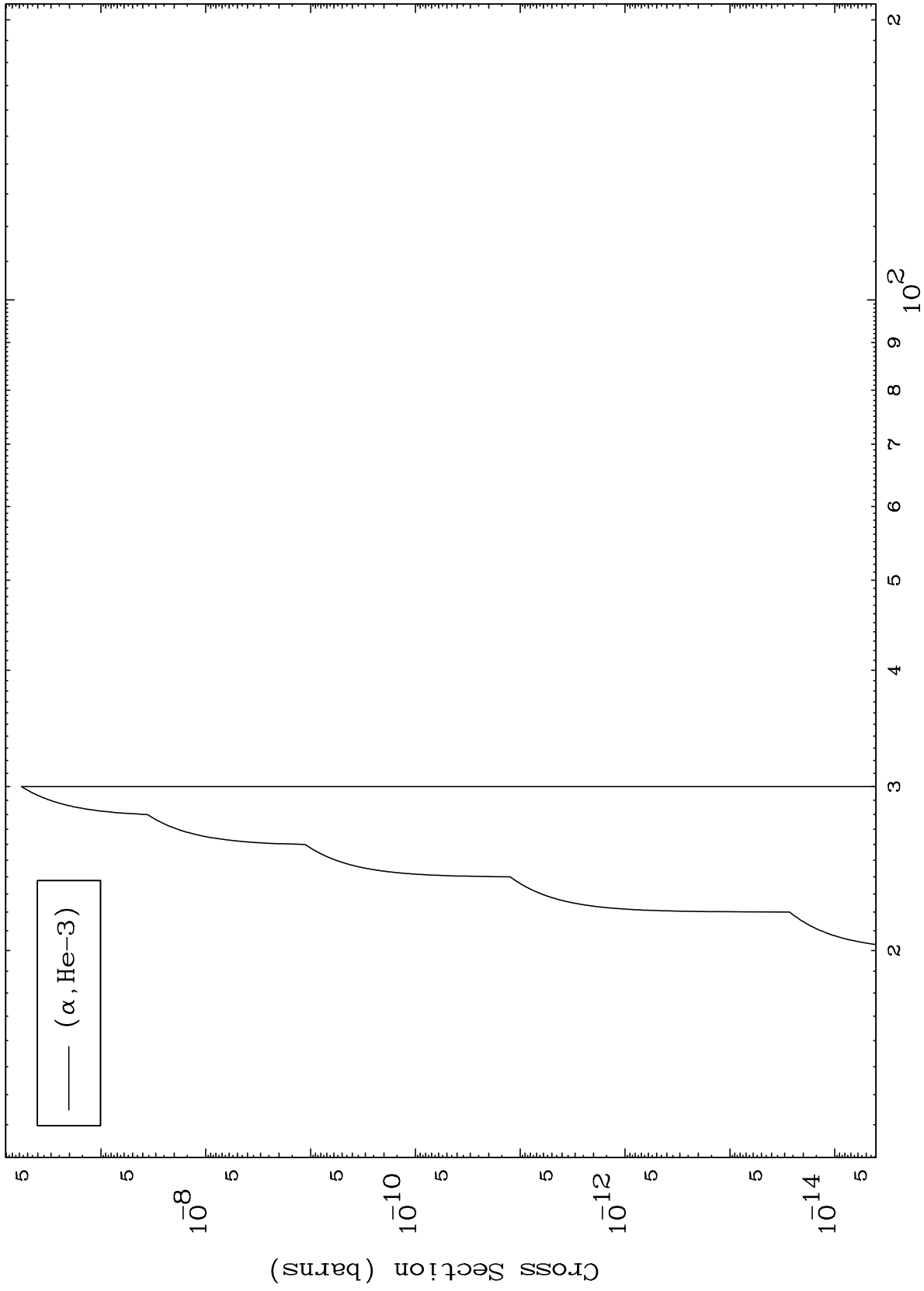
83-Bi-191



8

Incident Energy (MeV)

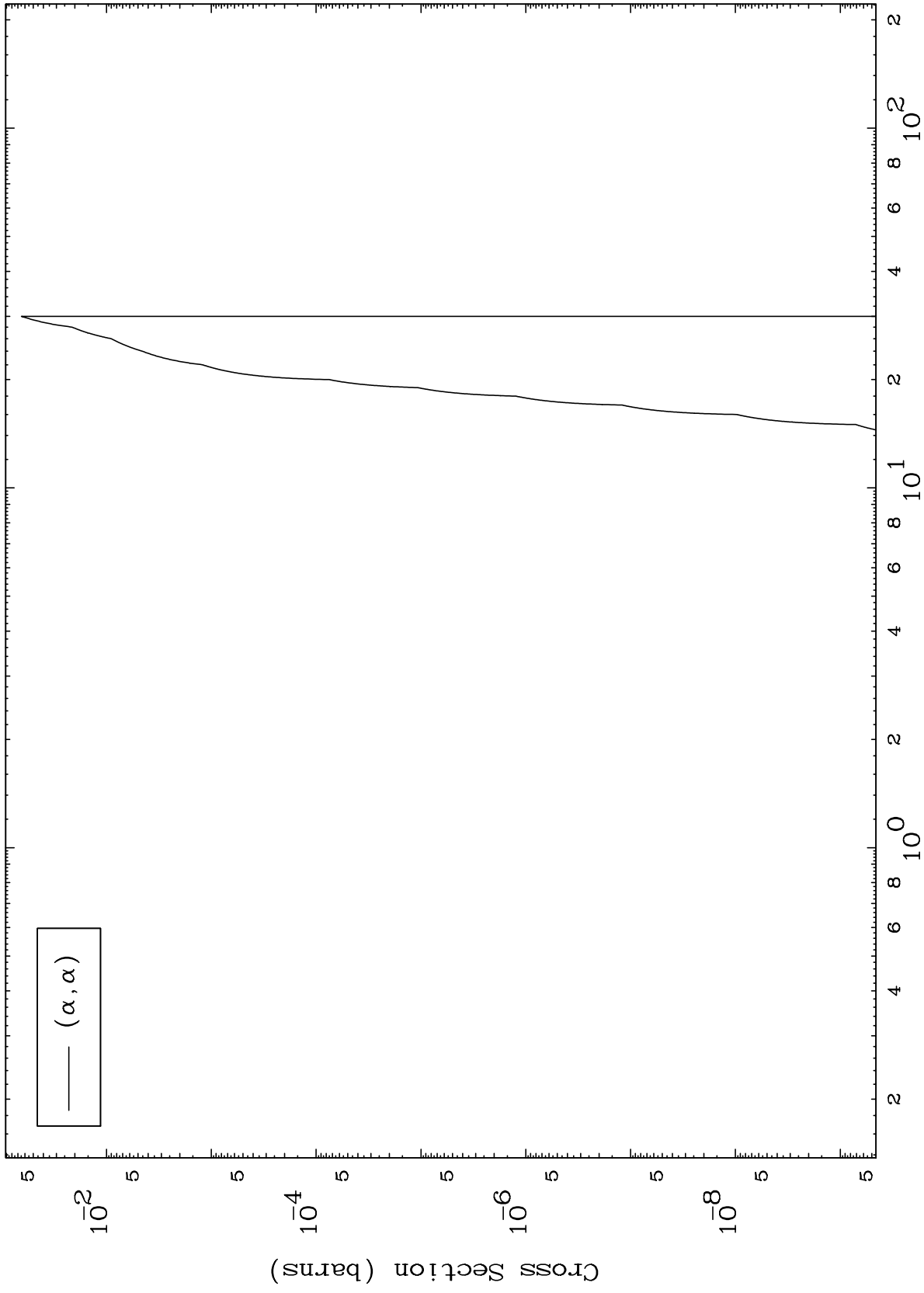
83-Bi-191



MAT 8271

(α, α) Levels
0 Kelvin Cross Sections

83-Bi-191



10

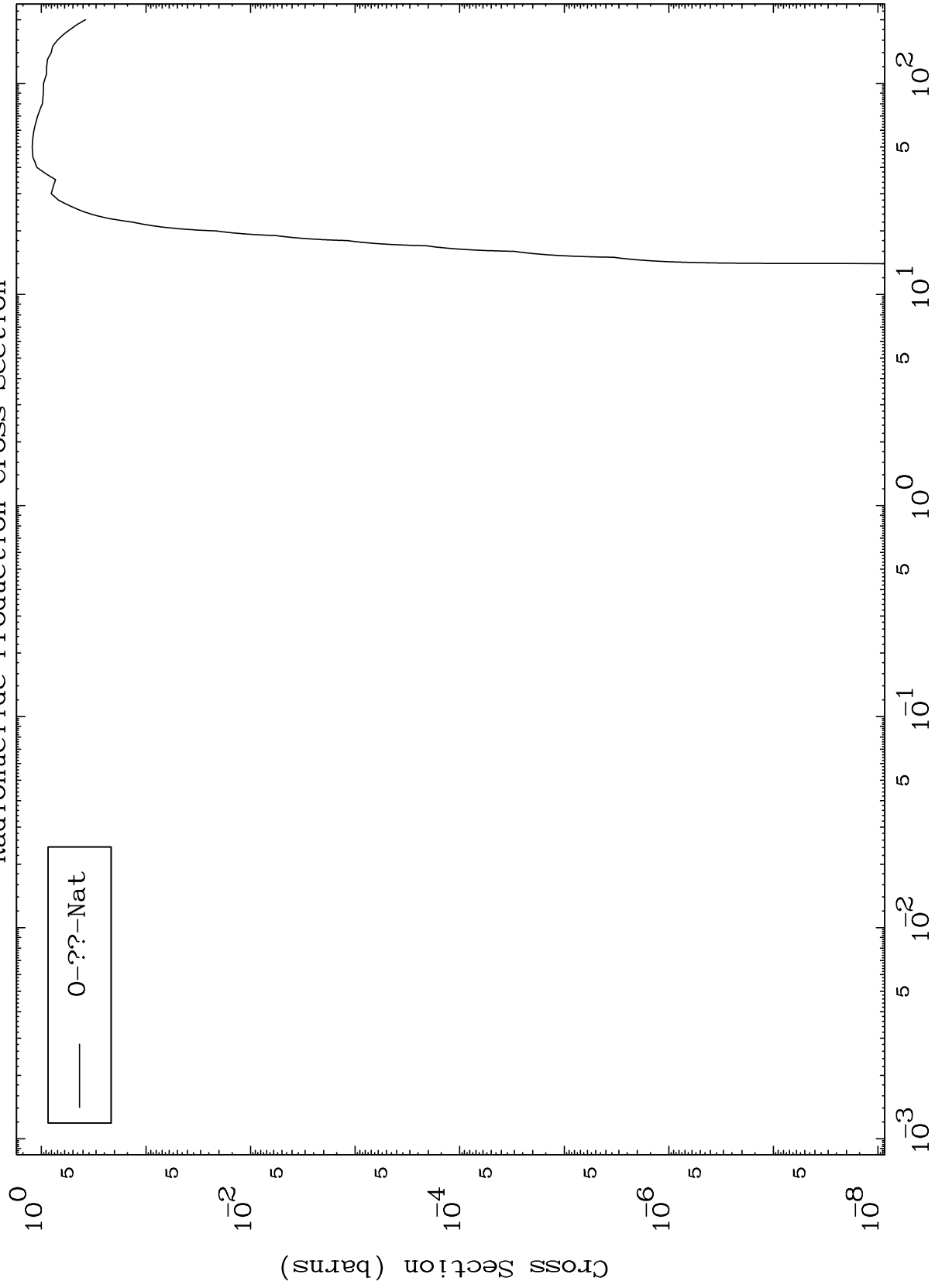
Incident Energy (MeV)

83-Bi-191

MAT 8271

83-Bi-191

α Fission
Radionuclide Production Cross Section



11

Incident Energy (MeV)

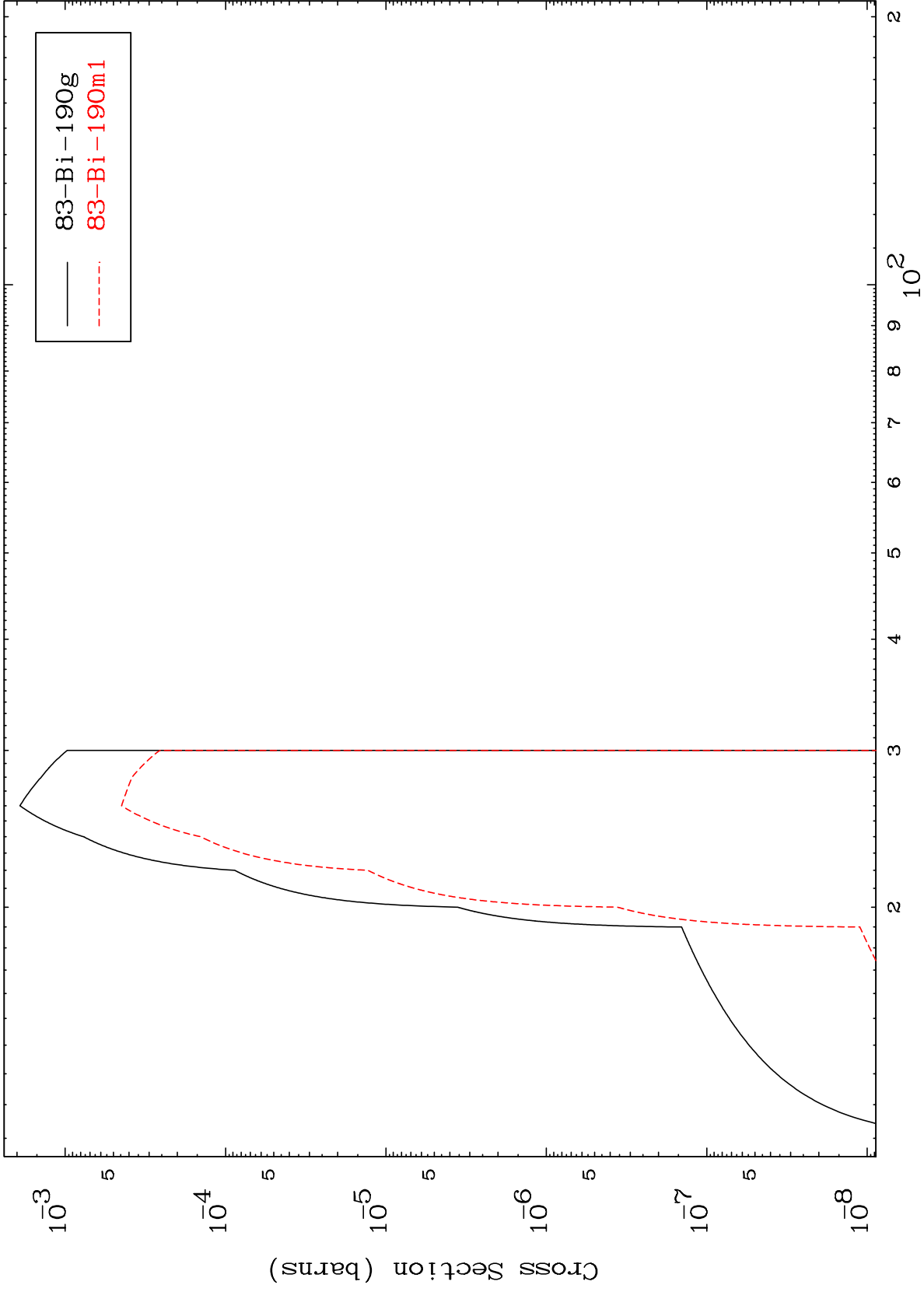
83-Bi-191

MAT 8271

(α, n') α

83-Bi-191

Radionuclide Production Cross Section



12

Incident Energy (MeV)

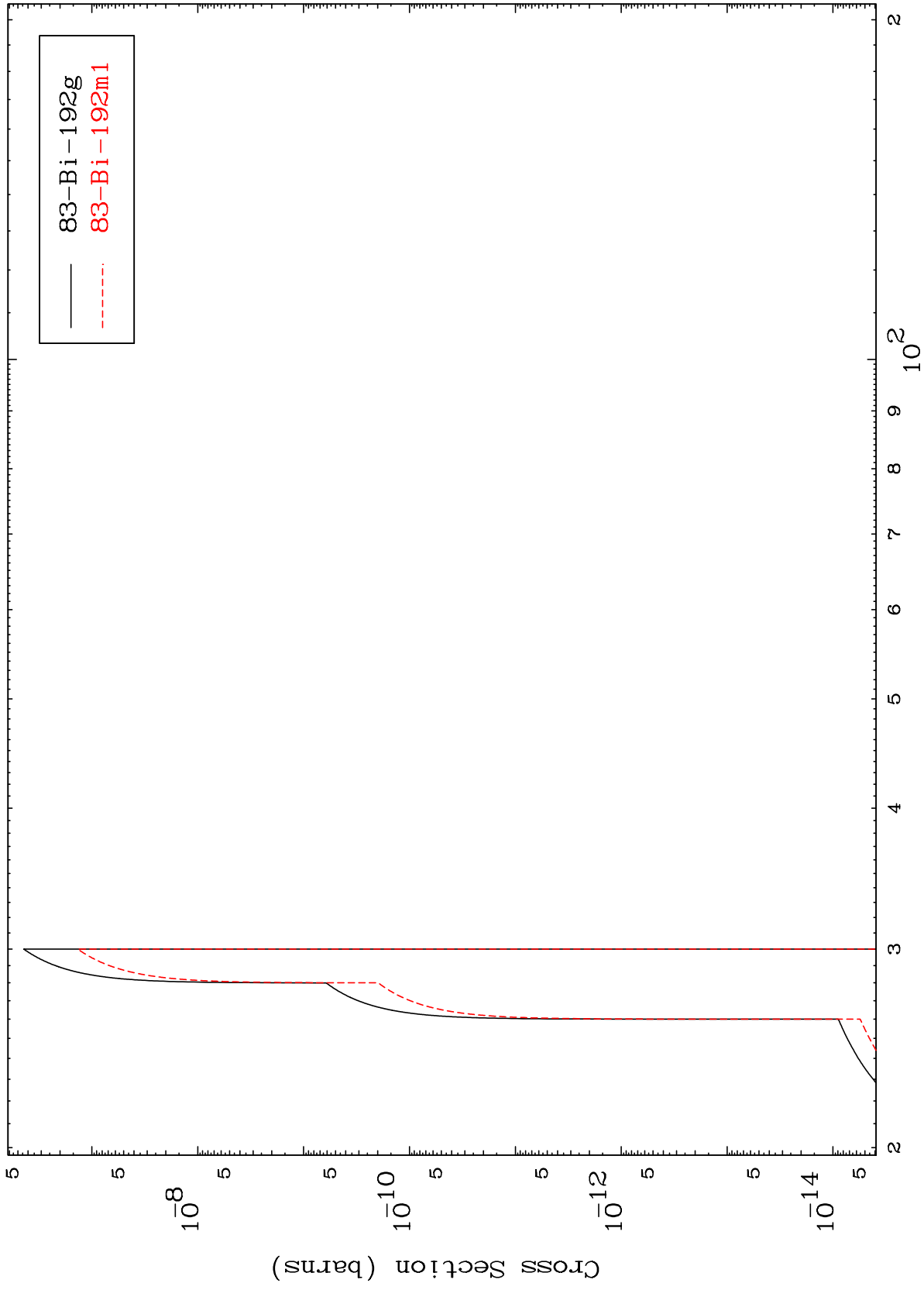
83-Bi-191

MAT 8271

($\alpha, 2n$) p

83-Bi-191

Radionuclide Production Cross Section



13

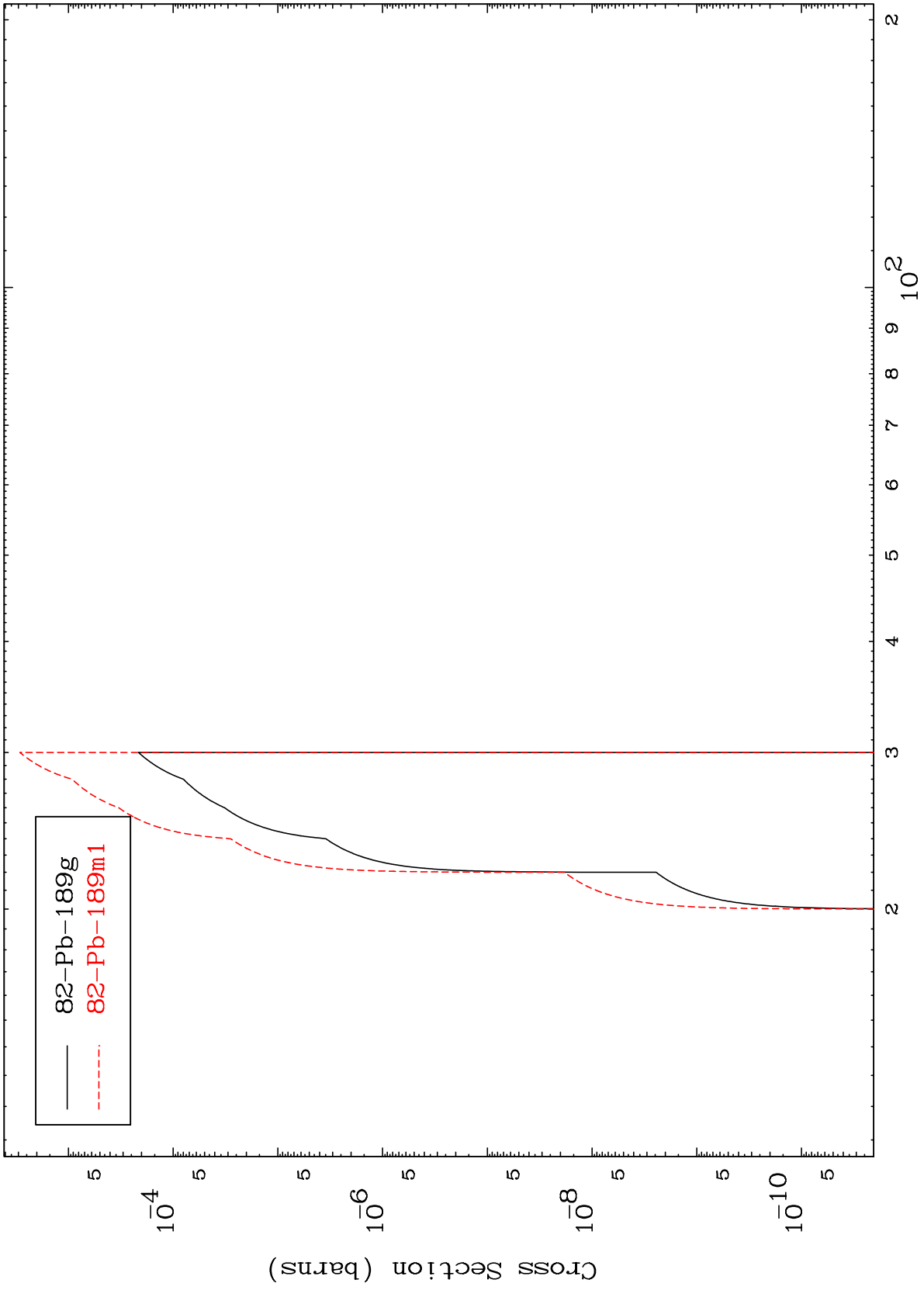
Incident Energy (MeV)

83-Bi-191

MAT 8271

83-Bi-191

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



14

83-Bi-191

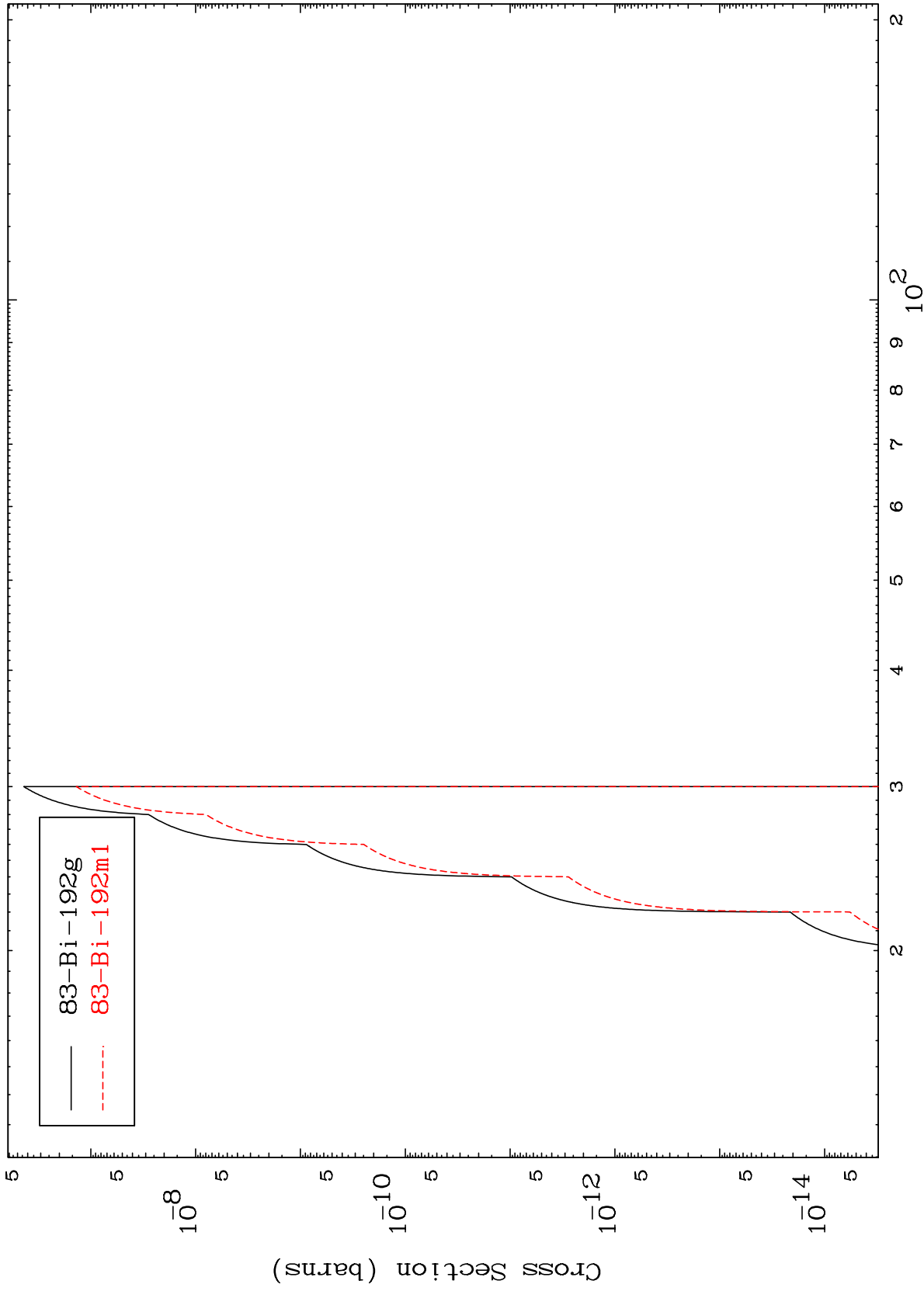
Incident Energy (MeV)

MAT 8271

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

83-Bi-191

Radionuclide Production Cross Section



15

Incident Energy (MeV)

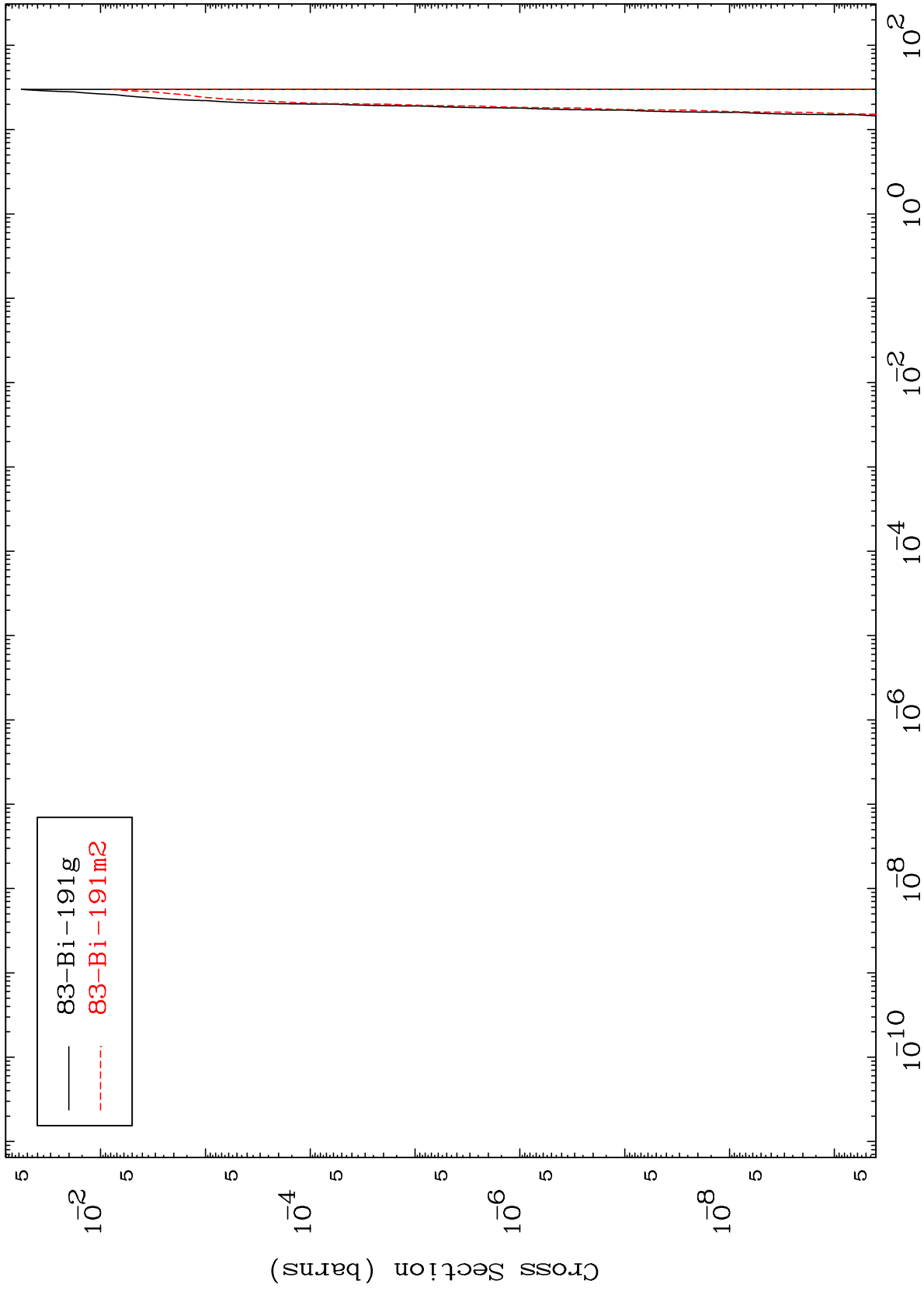
83-Bi-191

MAT 8271

(α, α)

83-Bi-191

Radionuclide Production Cross Section



16

Incident Energy (MeV)

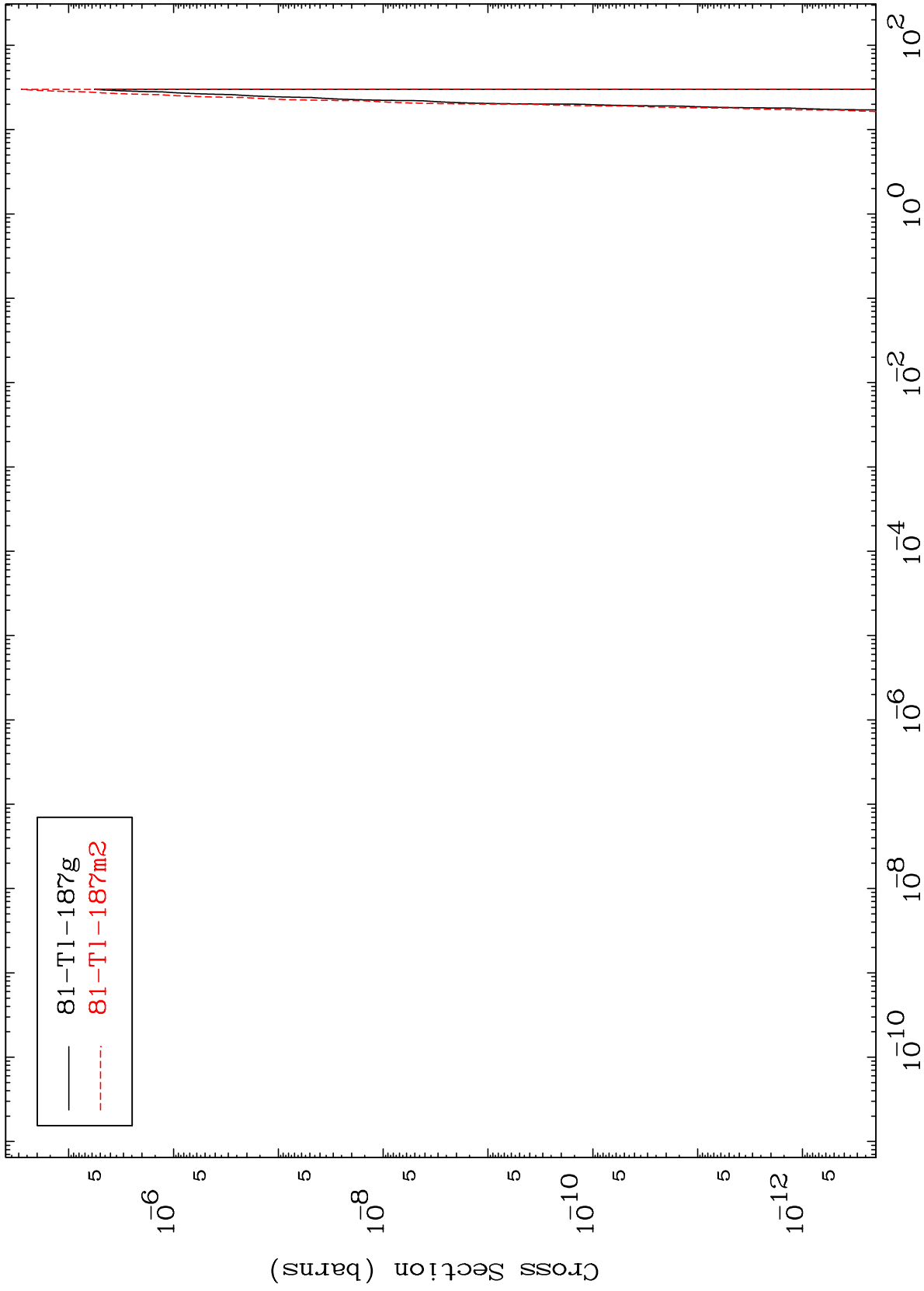
83-Bi-191

MAT 8271

($\alpha, 2\alpha$)

83-Bi-191

Radionuclide Production Cross Section



17

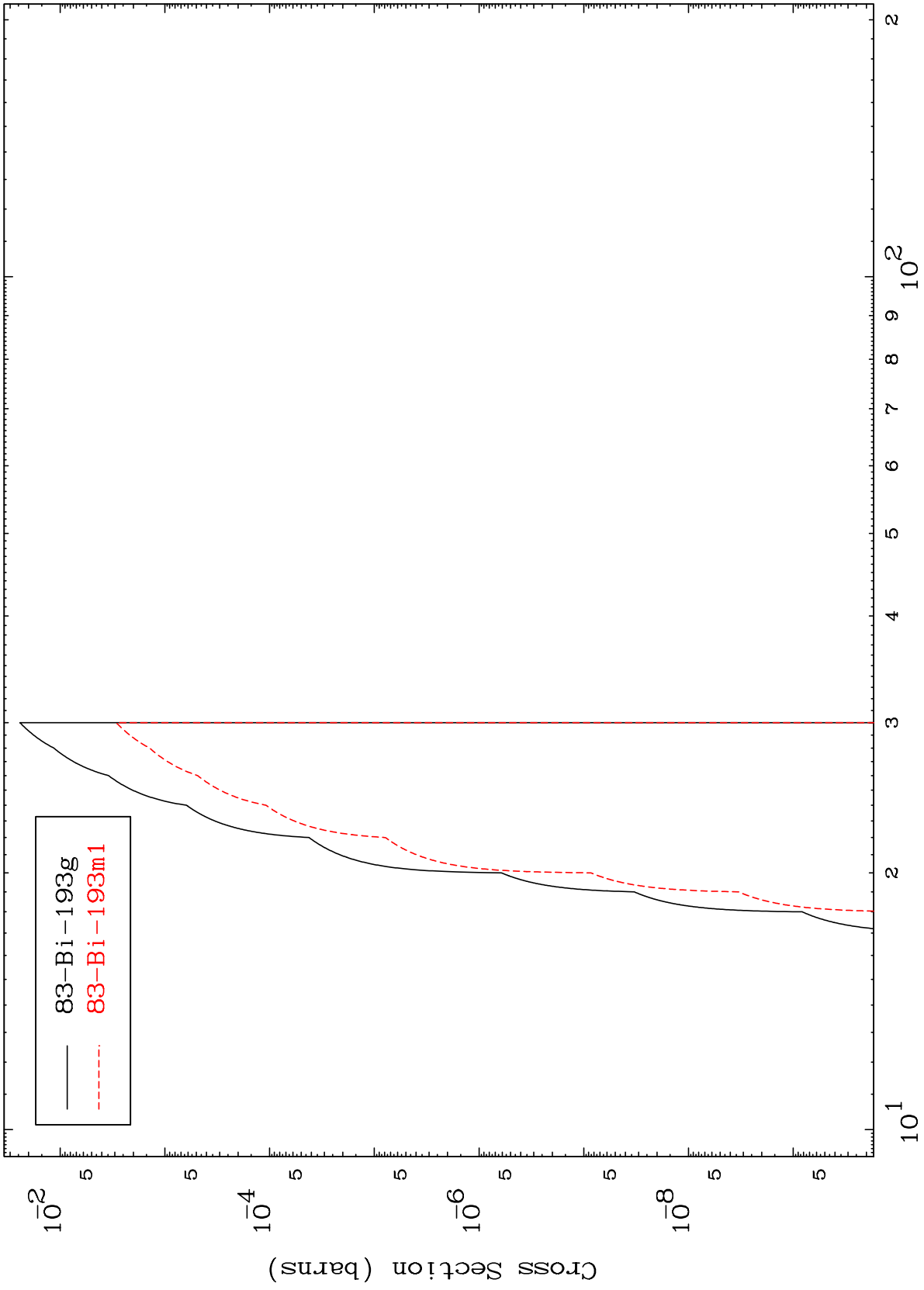
Incident Energy (MeV)

83-Bi-191

MAT 8271

83-Bi-191

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



83-Bi-191

Incident Energy (MeV)

18

10^1

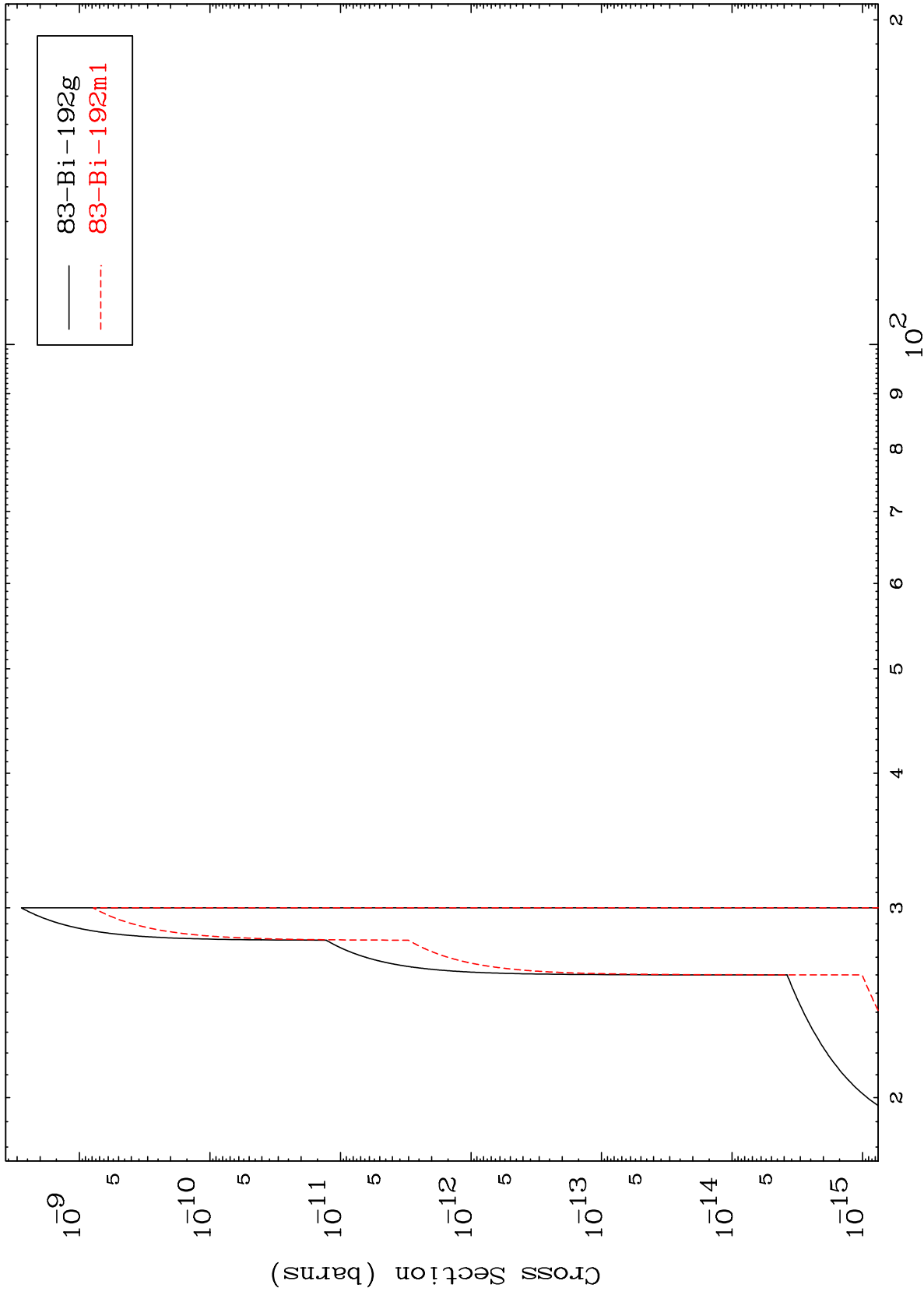
10^2

MAT 8271

(α, p) d

83-Bi-191

Radionuclide Production Cross Section



19

Incident Energy (MeV)

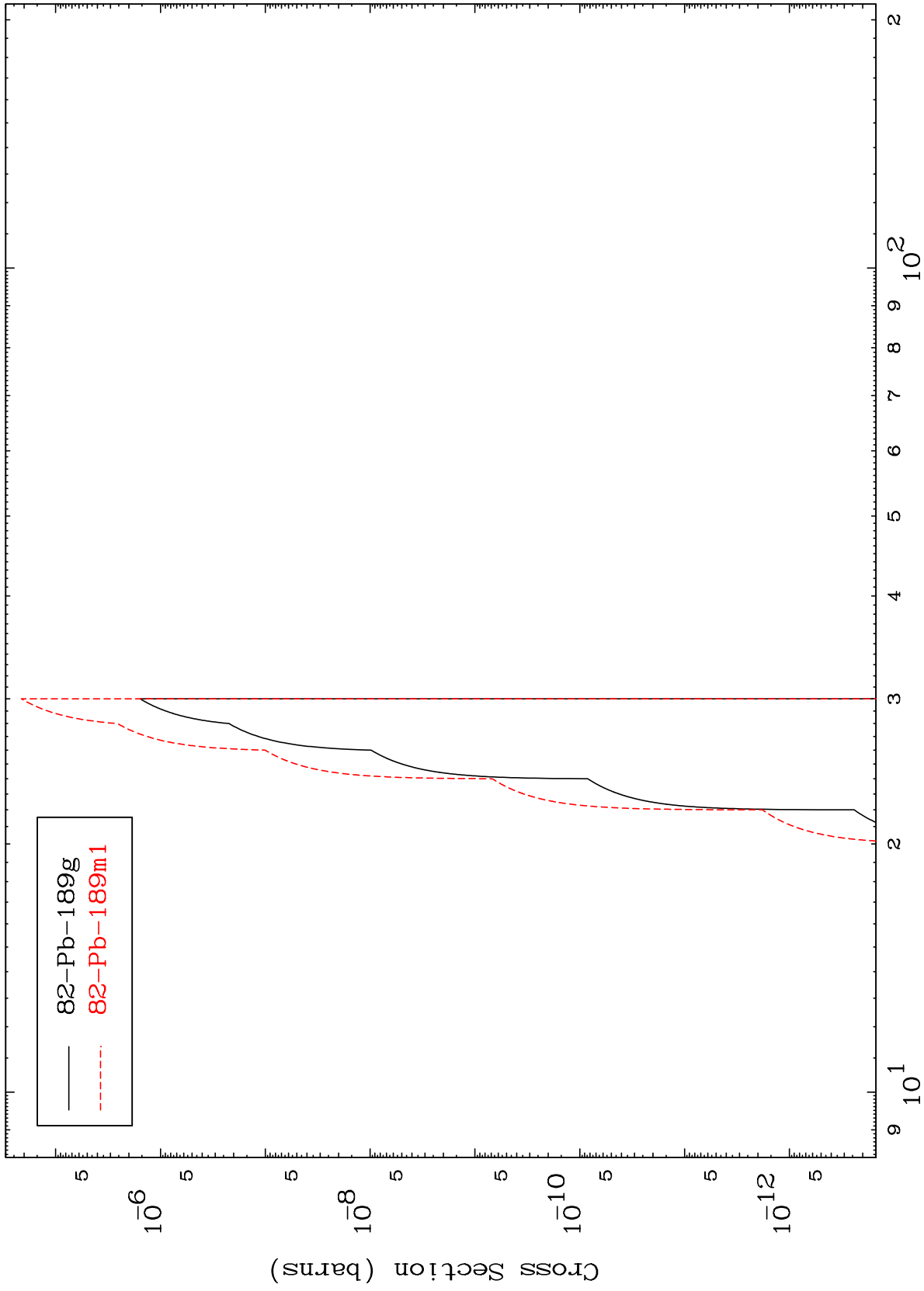
83-Bi-191

MAT 8271

(α, d) α

83-Bi-191

Radionuclide Production Cross Section



20

Incident Energy (MeV)

83-Bi-191