

Program EVALPLOT
(Version 2018-1)

by

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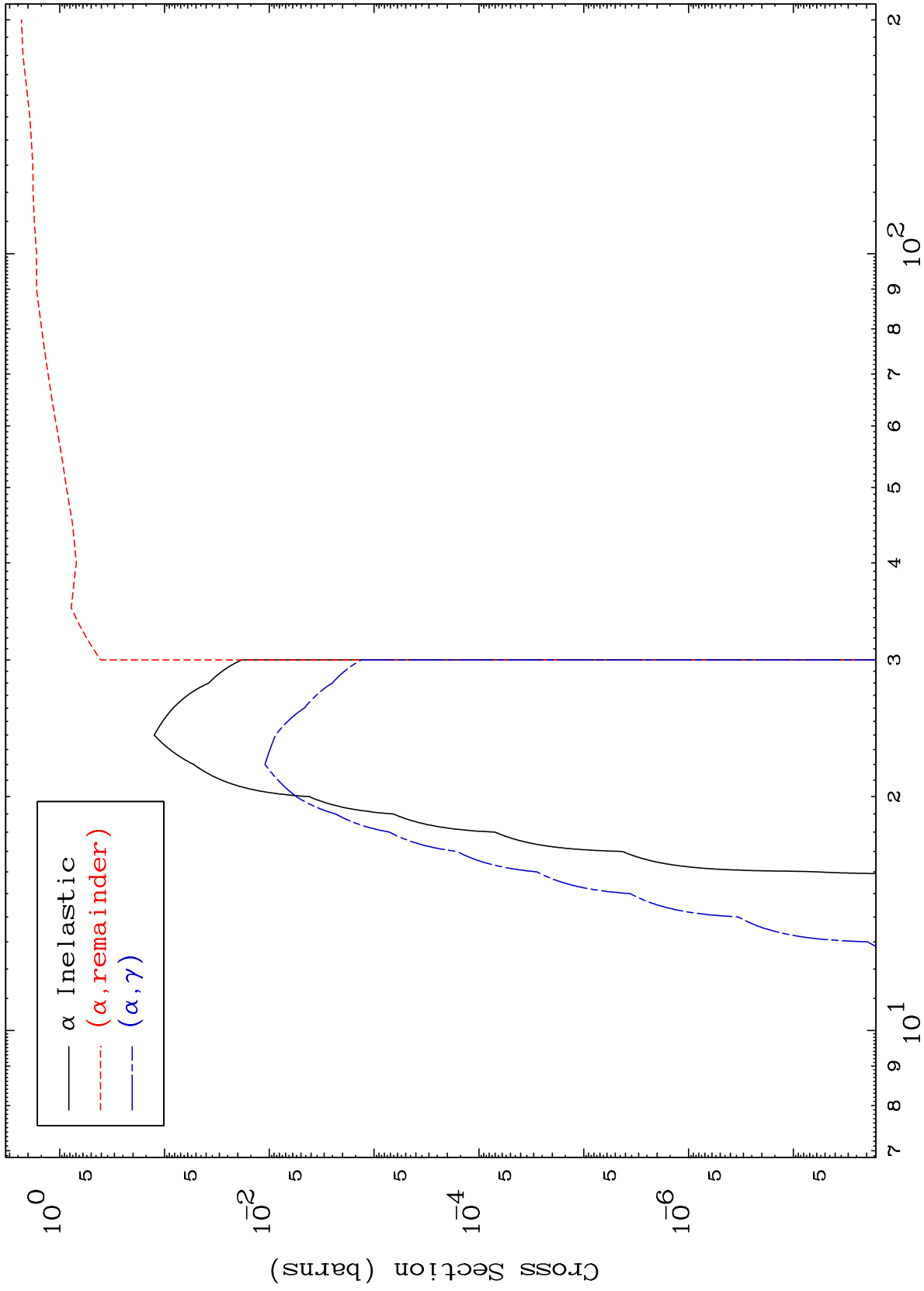
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8275

0 Kelvin α Major
Cross Sections

83-Bi-192



1

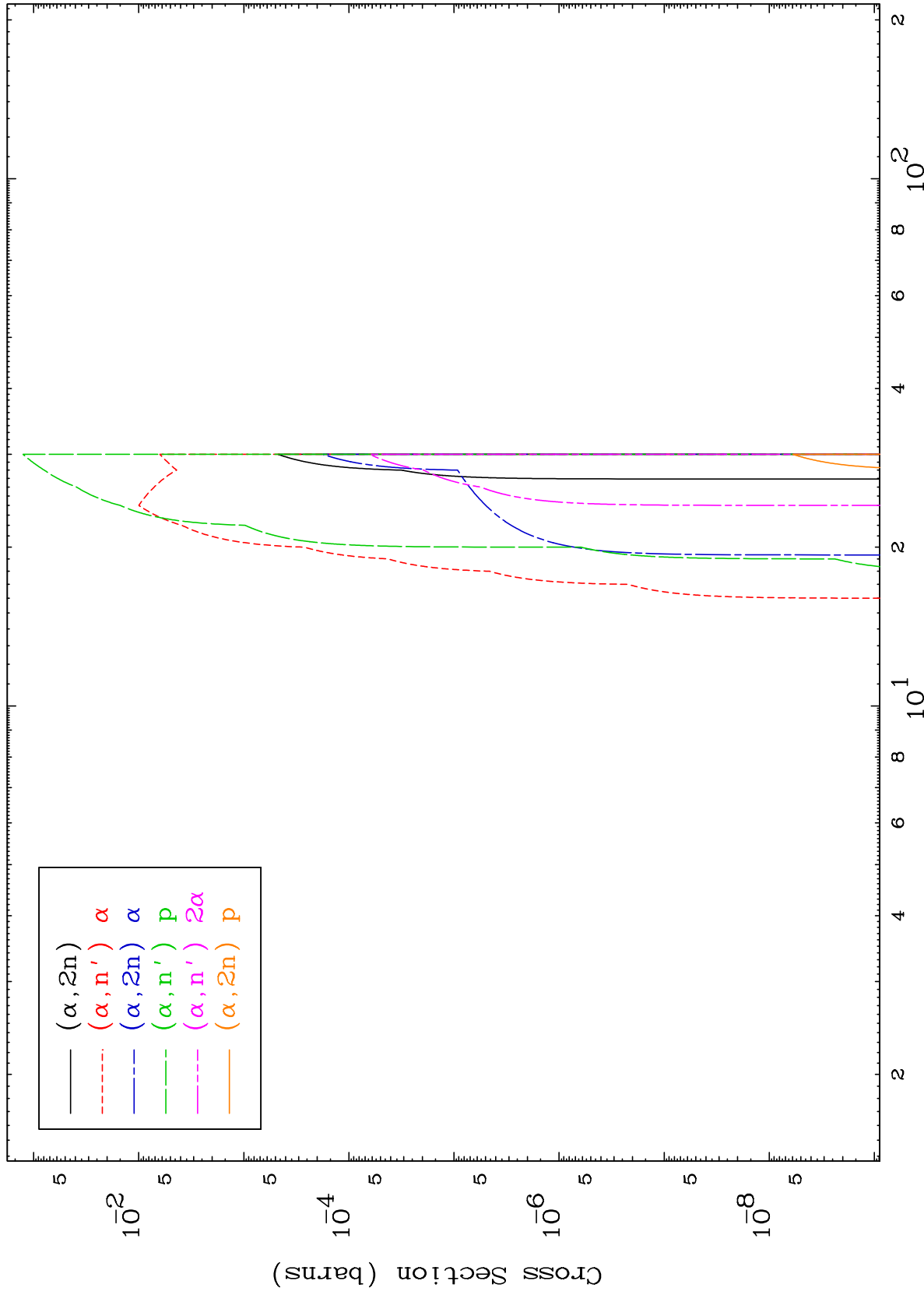
Incident Energy (MeV)

83-Bi-192

MAT 8275

α Neutron Production
0 Kelvin Cross Sections

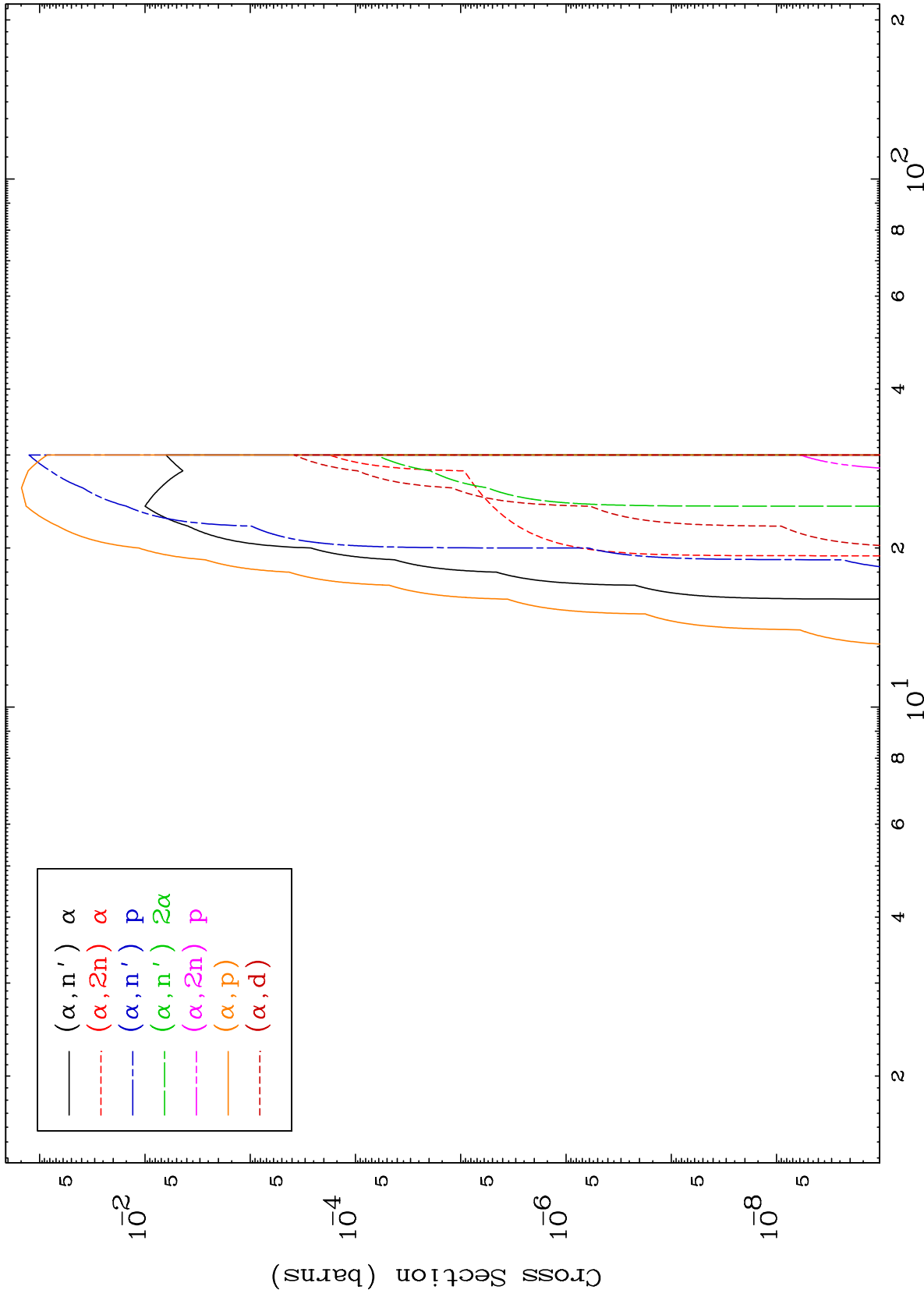
83-Bi-192



2

Incident Energy (MeV)

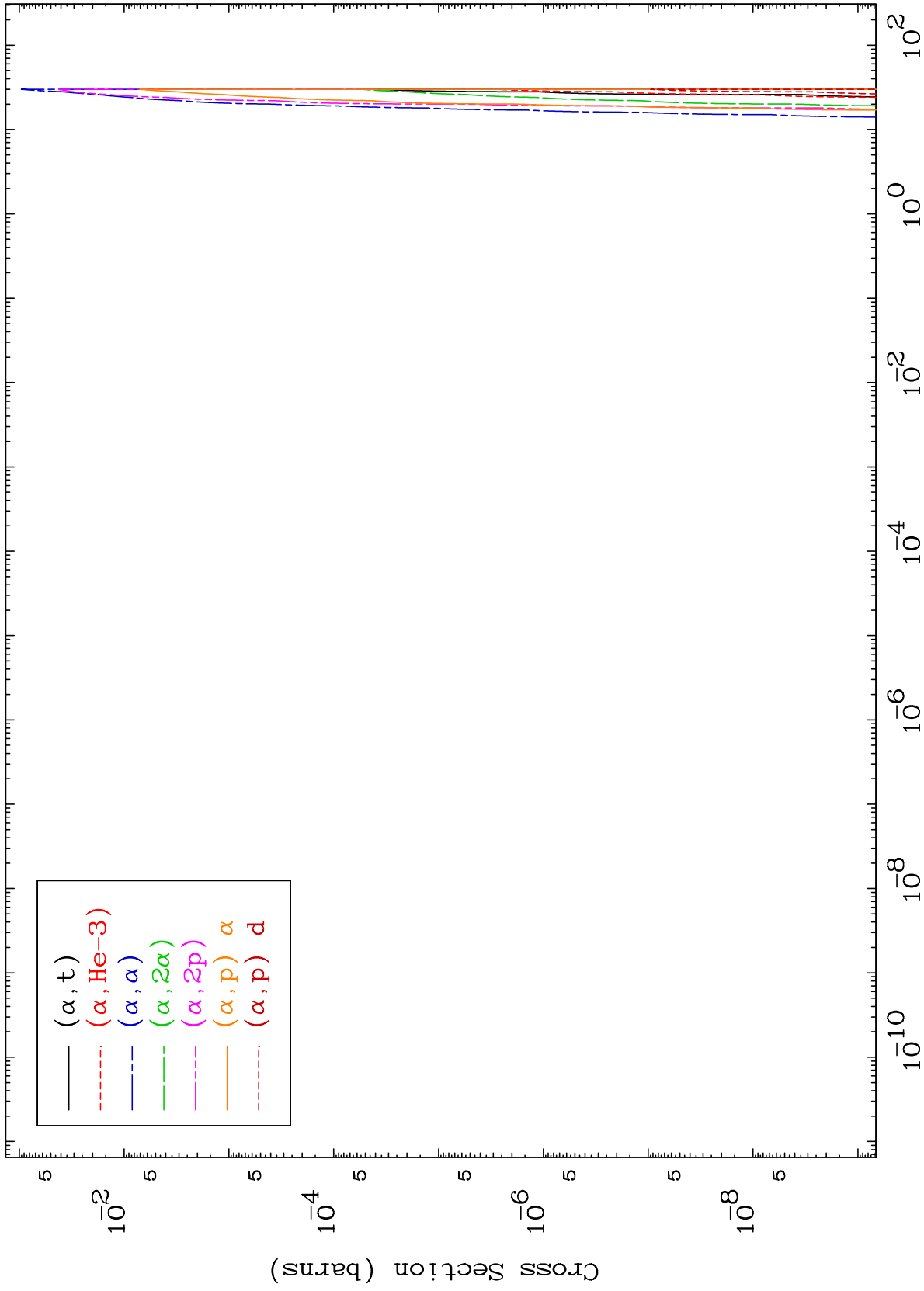
83-Bi-192



MAT 8275

α Charged Particle
0 Kelvin Cross Sections

83-Bi-192

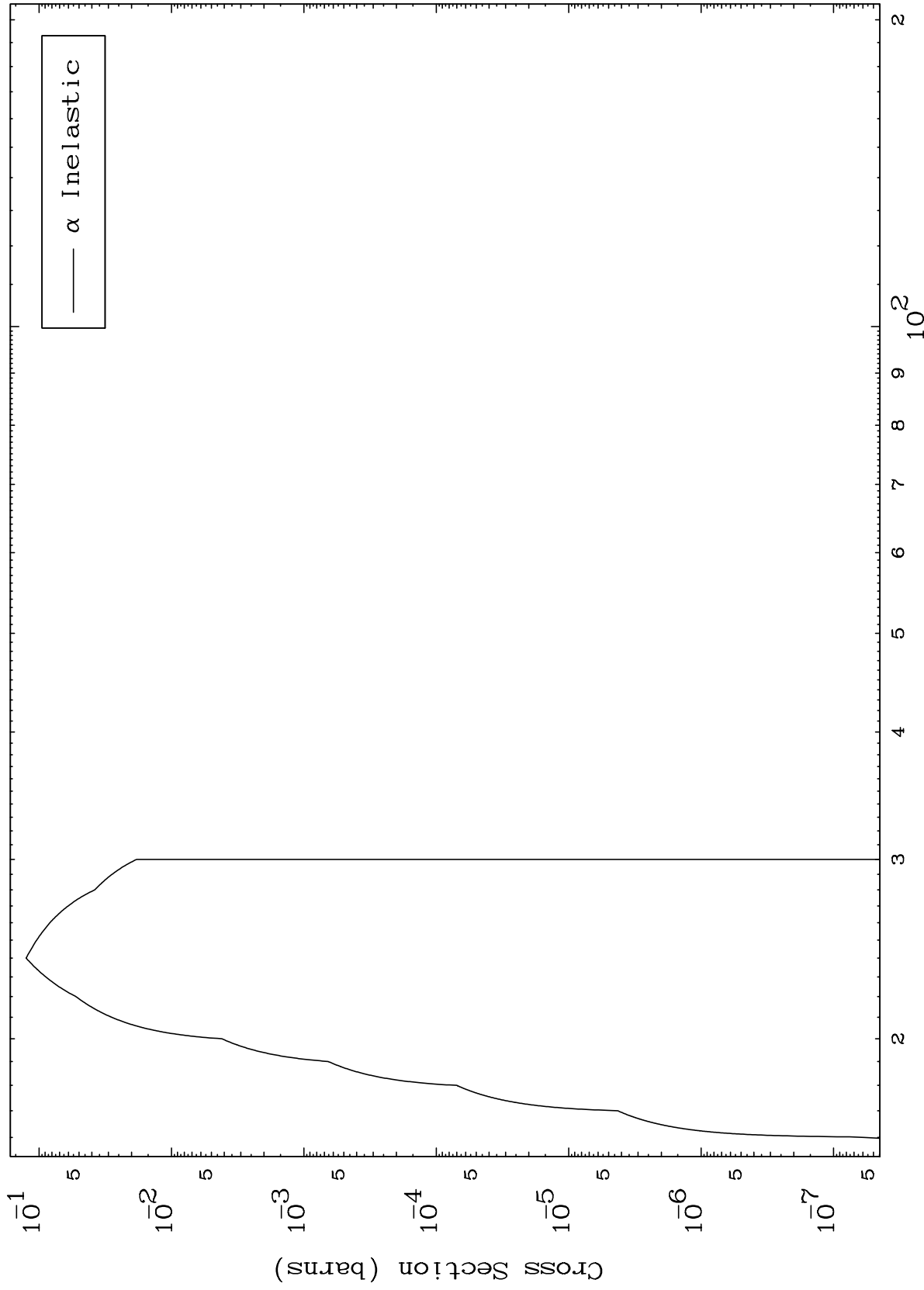


83-Bi-192

MAT 8275

(α, n') Level
0 Kelvin Cross Sections

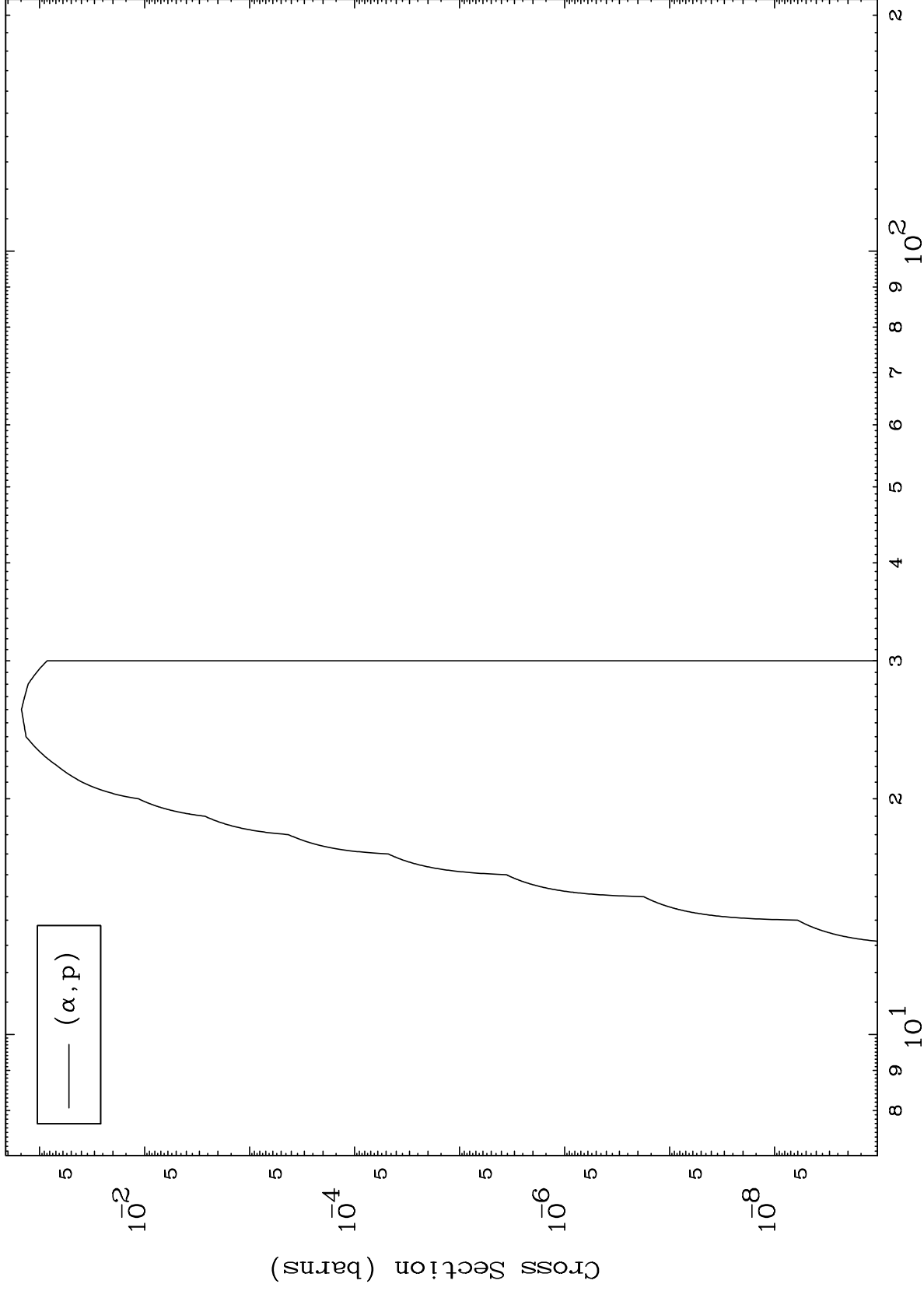
83-Bi-192



5

Incident Energy (MeV)

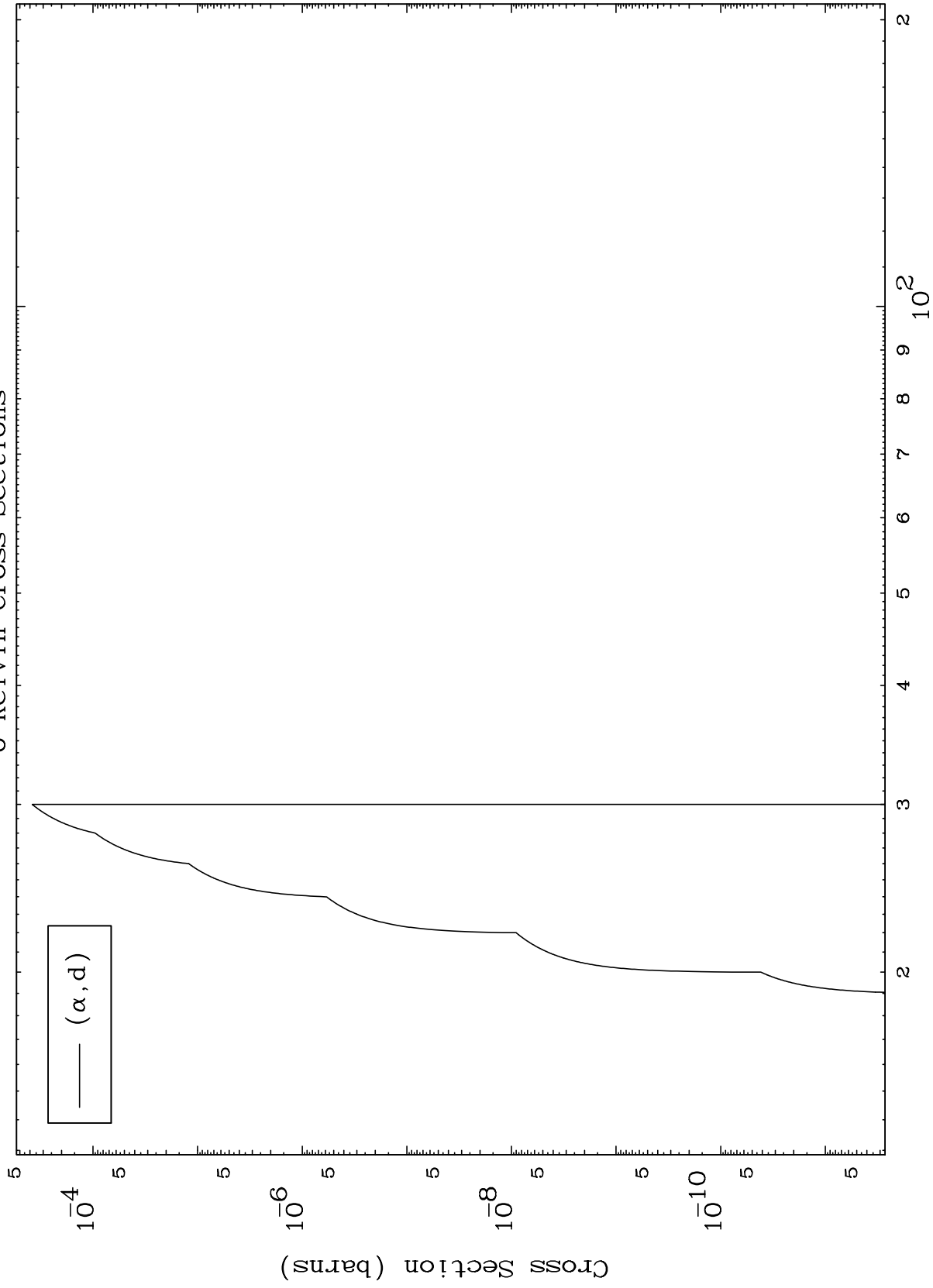
83-Bi-192



MAT 8275

(α, d) Levels
0 Kelvin Cross Sections

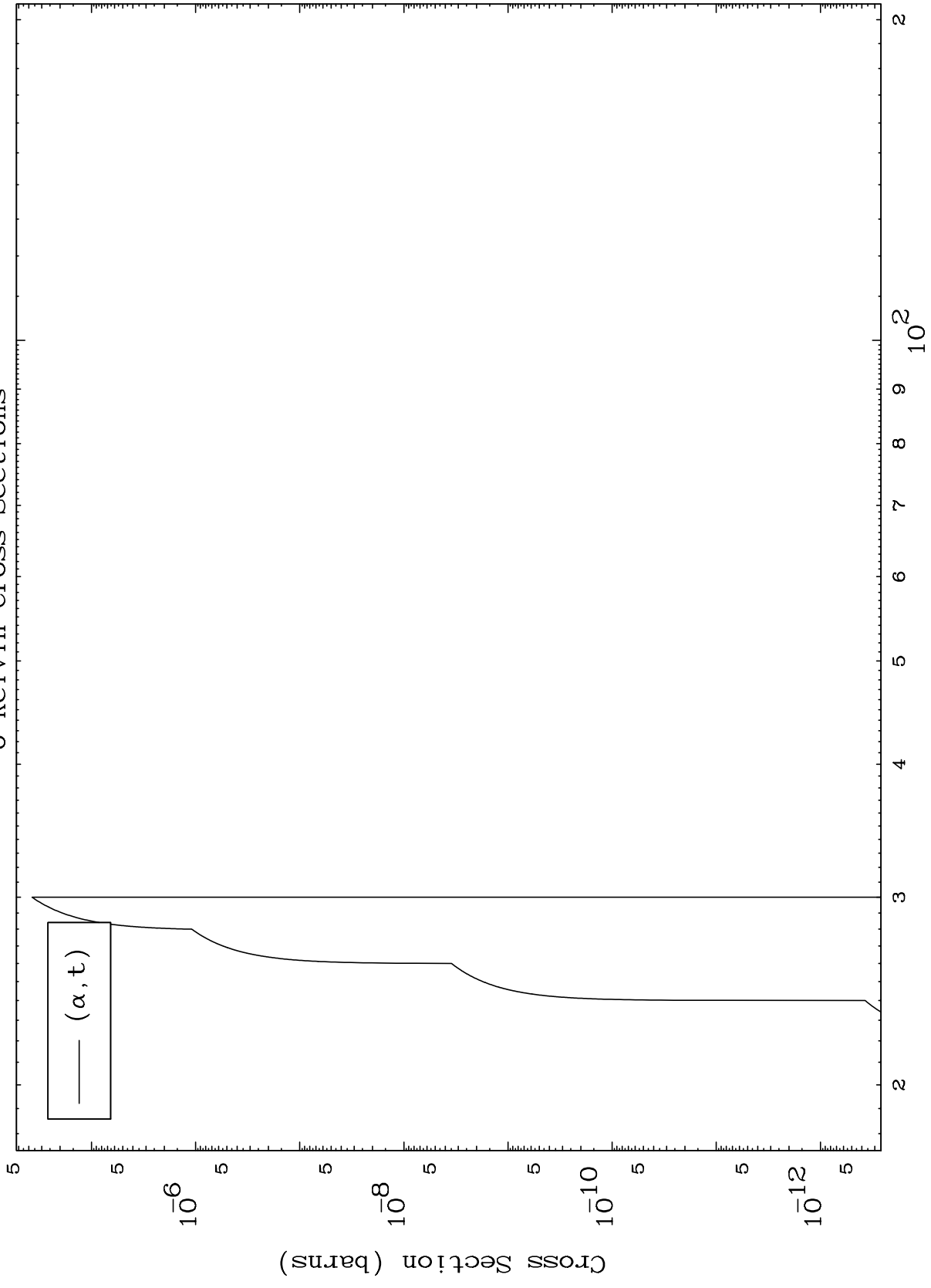
83-Bi-192



7

Incident Energy (MeV)

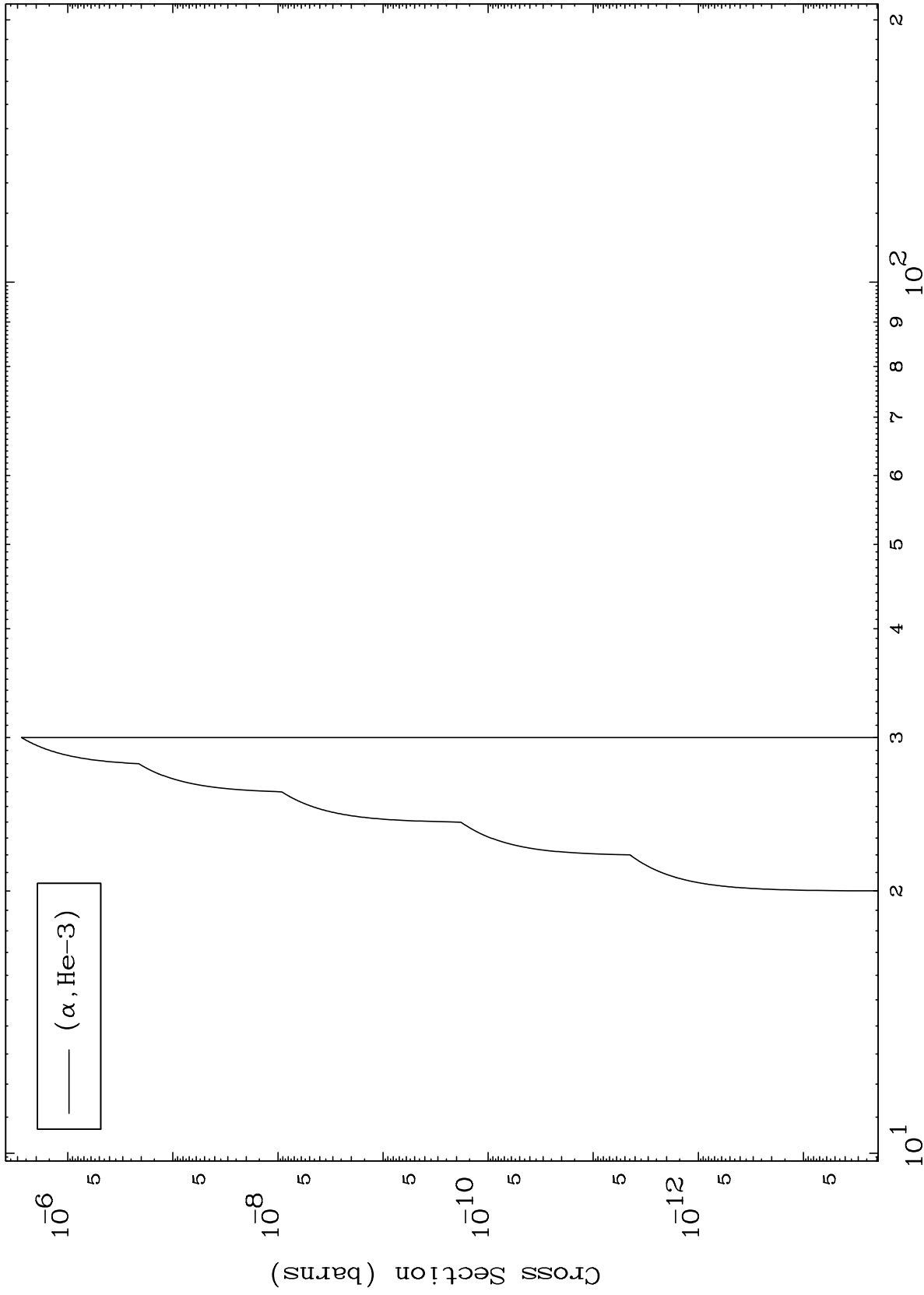
83-Bi-192



MAT 8275

(α ,He3) Levels
0 Kelvin Cross Sections

83-Bi-192



10¹

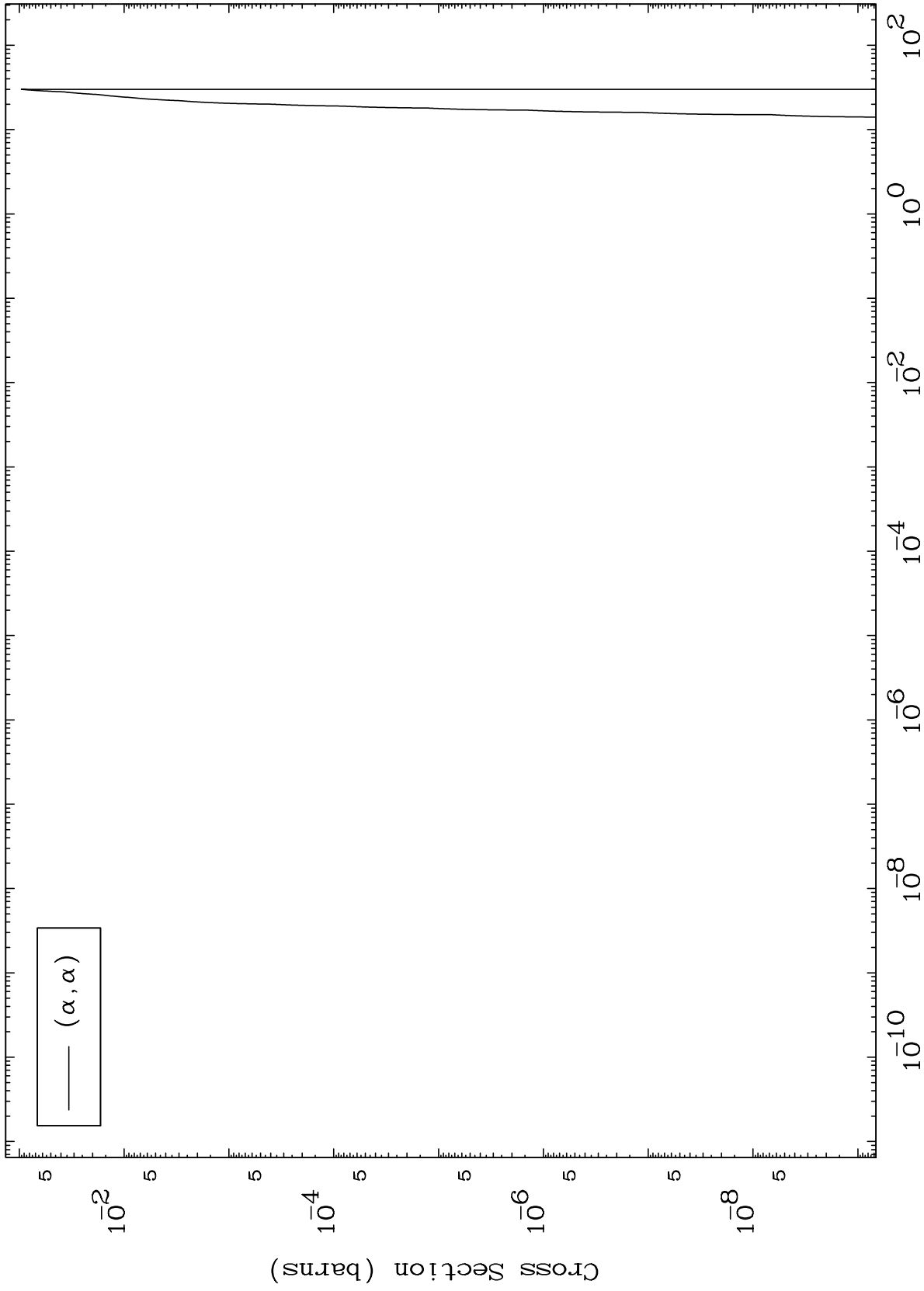
Incident Energy (MeV)

83-Bi-192

MAT 8275

(α, α) Levels
0 Kelvin Cross Sections

83-Bi-192



10

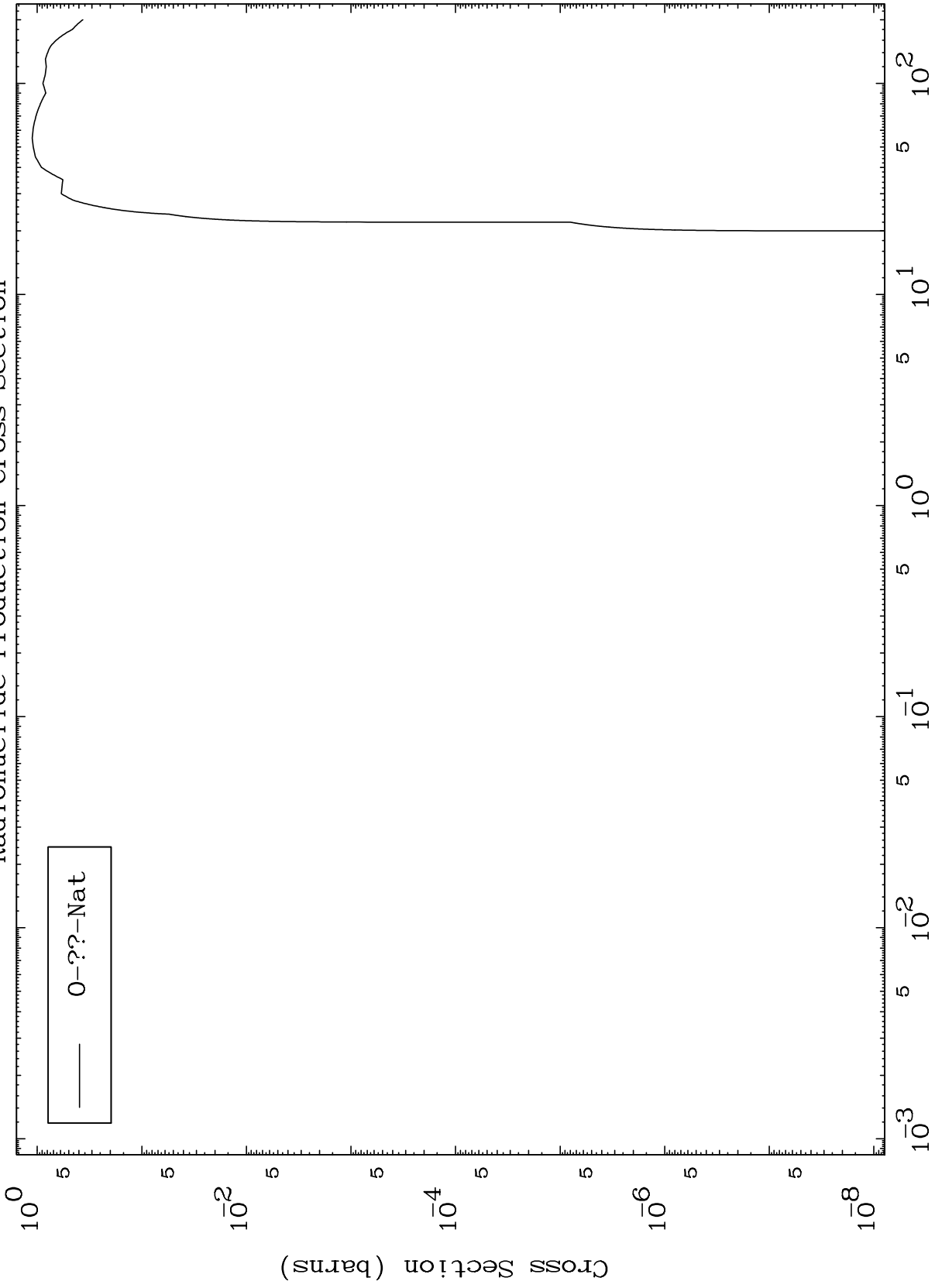
Incident Energy (MeV)

83-Bi-192

MAT 8275

α Fission
Radionuclide Production Cross Section

83-Bi-192

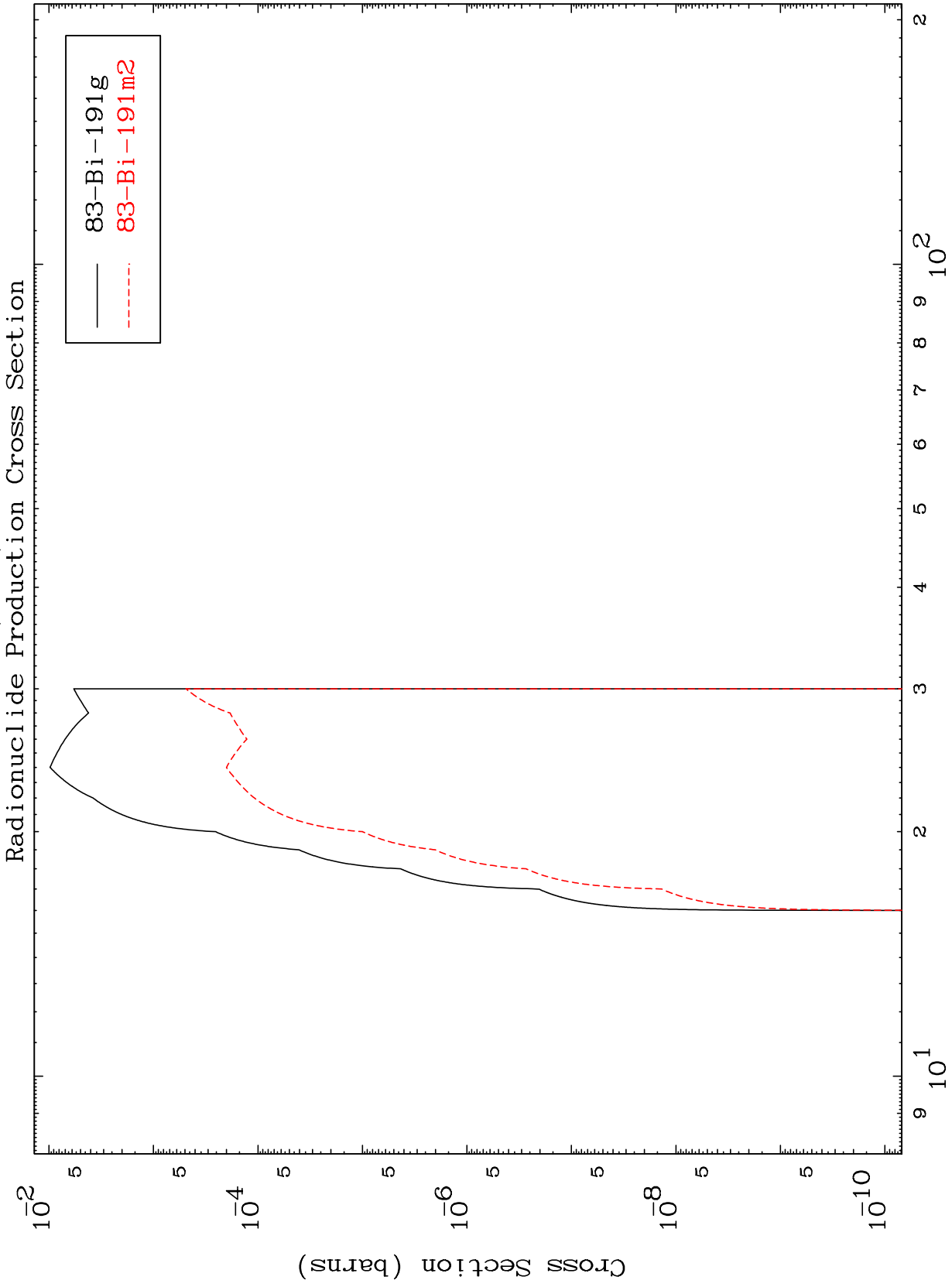


0-??-Nat

MAT 8275

(α, n') α

$^{83}\text{Bi}-192$



12

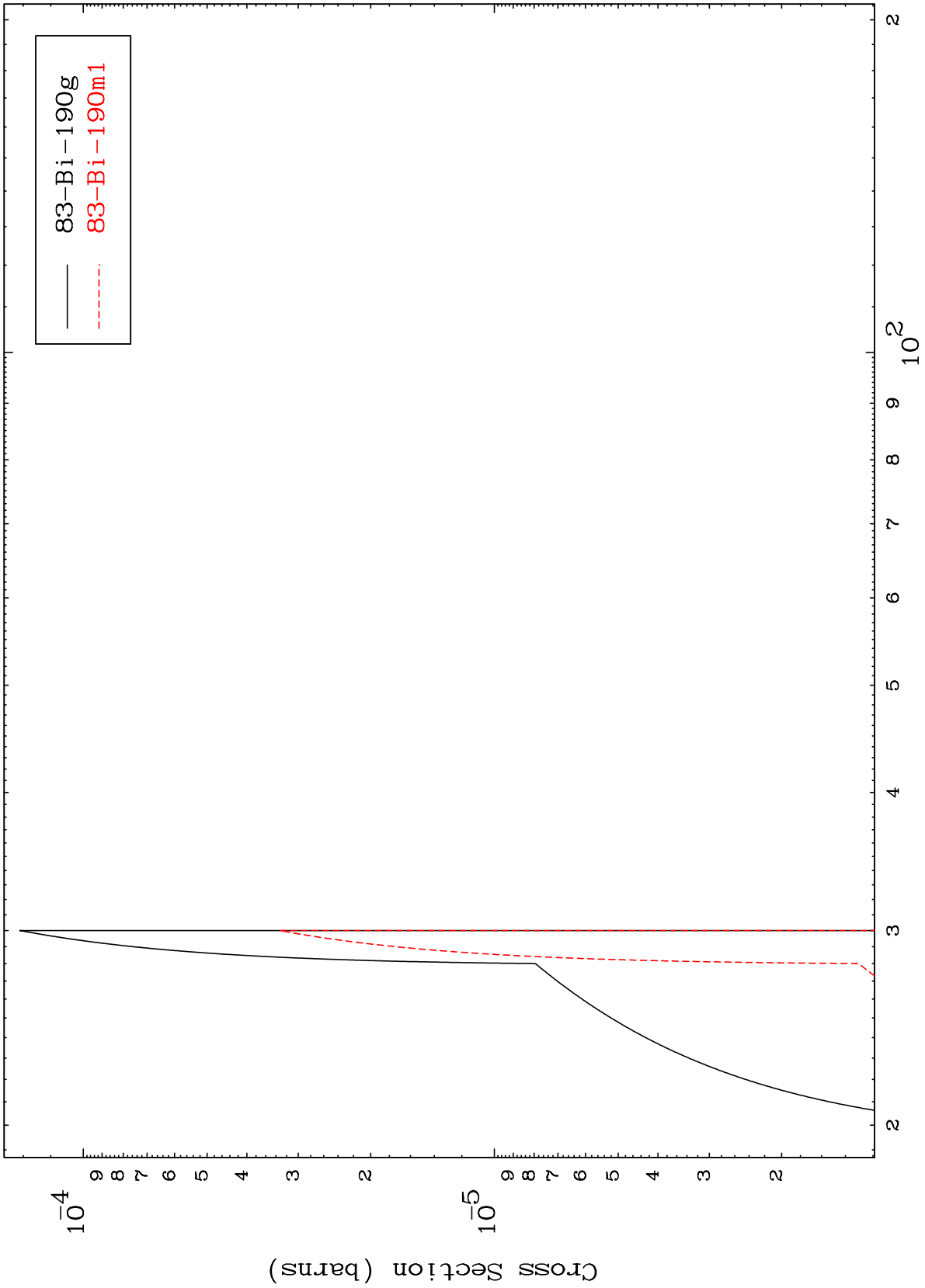
Incident Energy (MeV)

$^{83}\text{Bi}-192$

MAT 8275

$^{83}\text{Bi}-192$

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



13

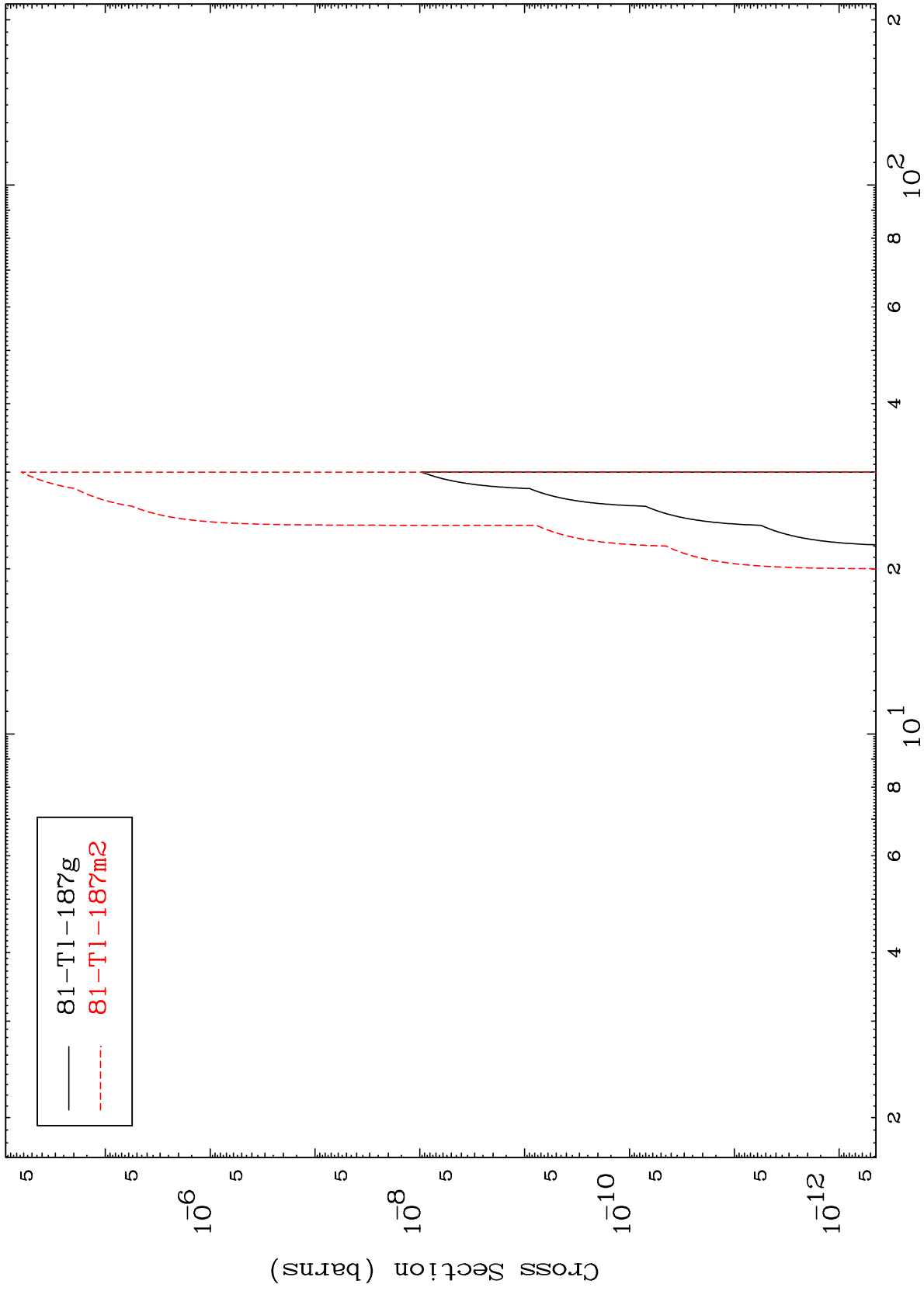
$^{83}\text{Bi}-192$

MAT 8275

(α, n') 2α

83-Bi-192

Radionuclide Production Cross Section



14

Incident Energy (MeV)

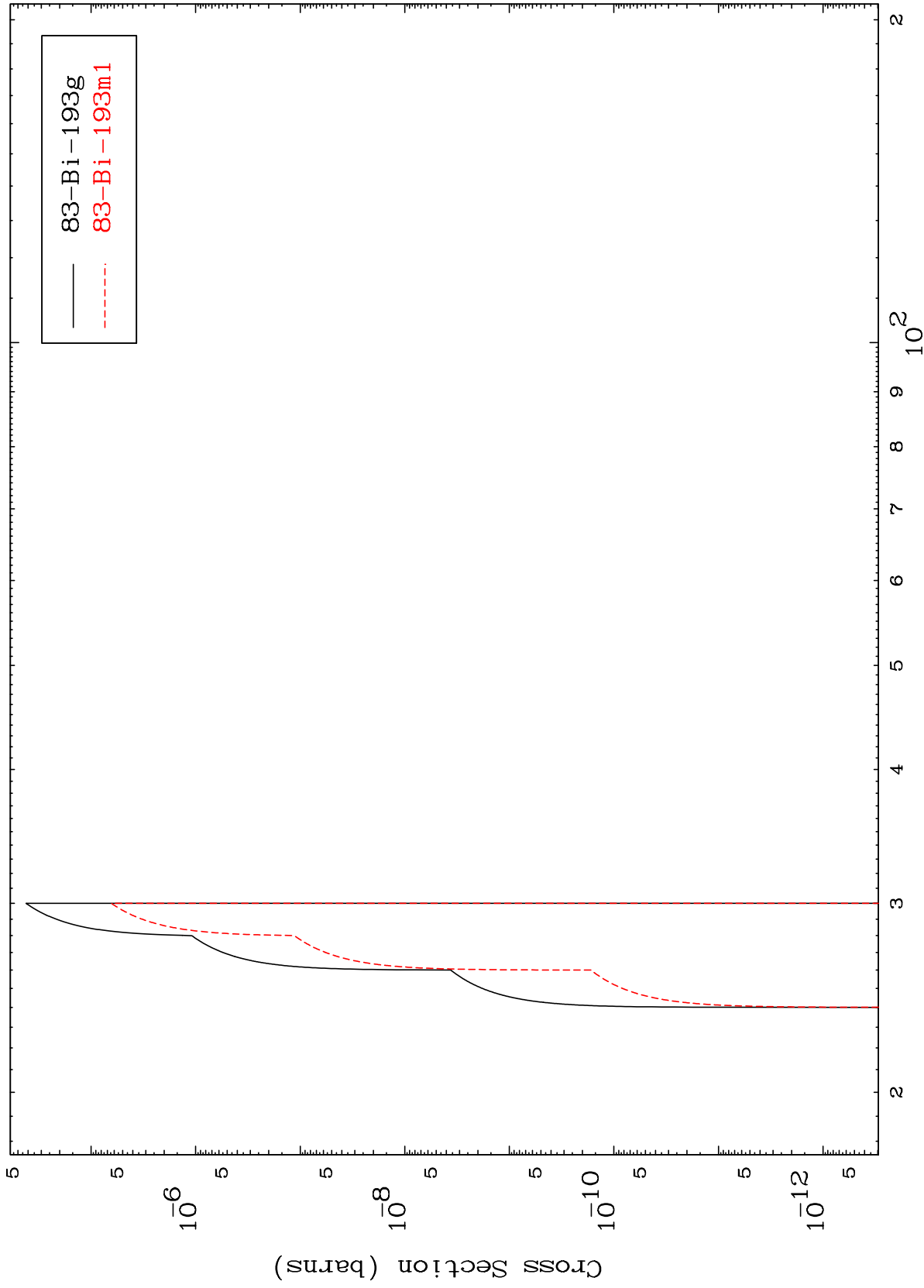
83-Bi-192

MAT 8275

($\alpha, 2n$) p

83-Bi-192

Radionuclide Production Cross Section



15

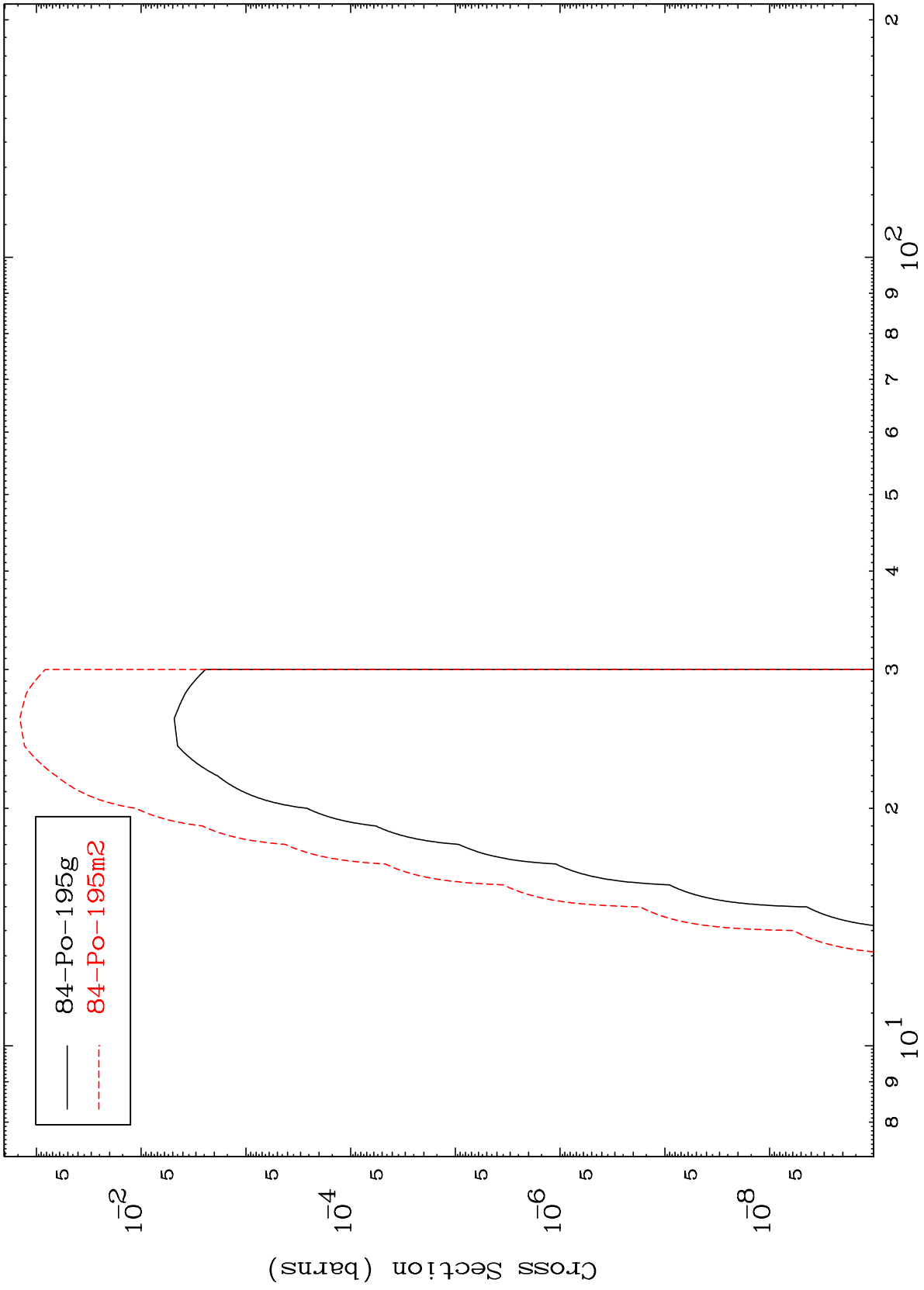
Incident Energy (MeV)

83-Bi-192

MAT 8275

83-Bi-192

(α, p)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

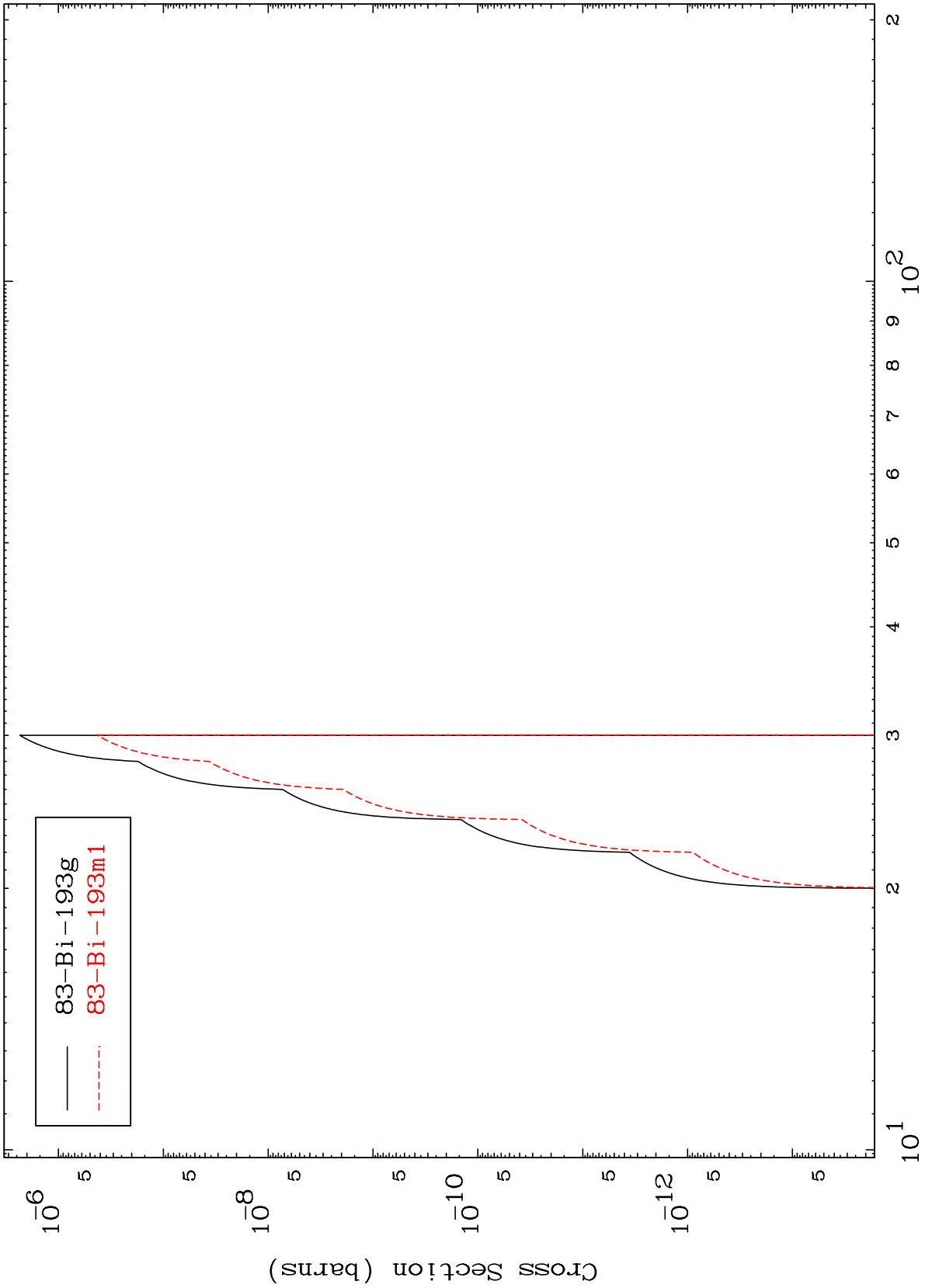
83-Bi-192

MAT 8275

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

83-Bi-192

Radionuclide Production Cross Section



17

Incident Energy (MeV)

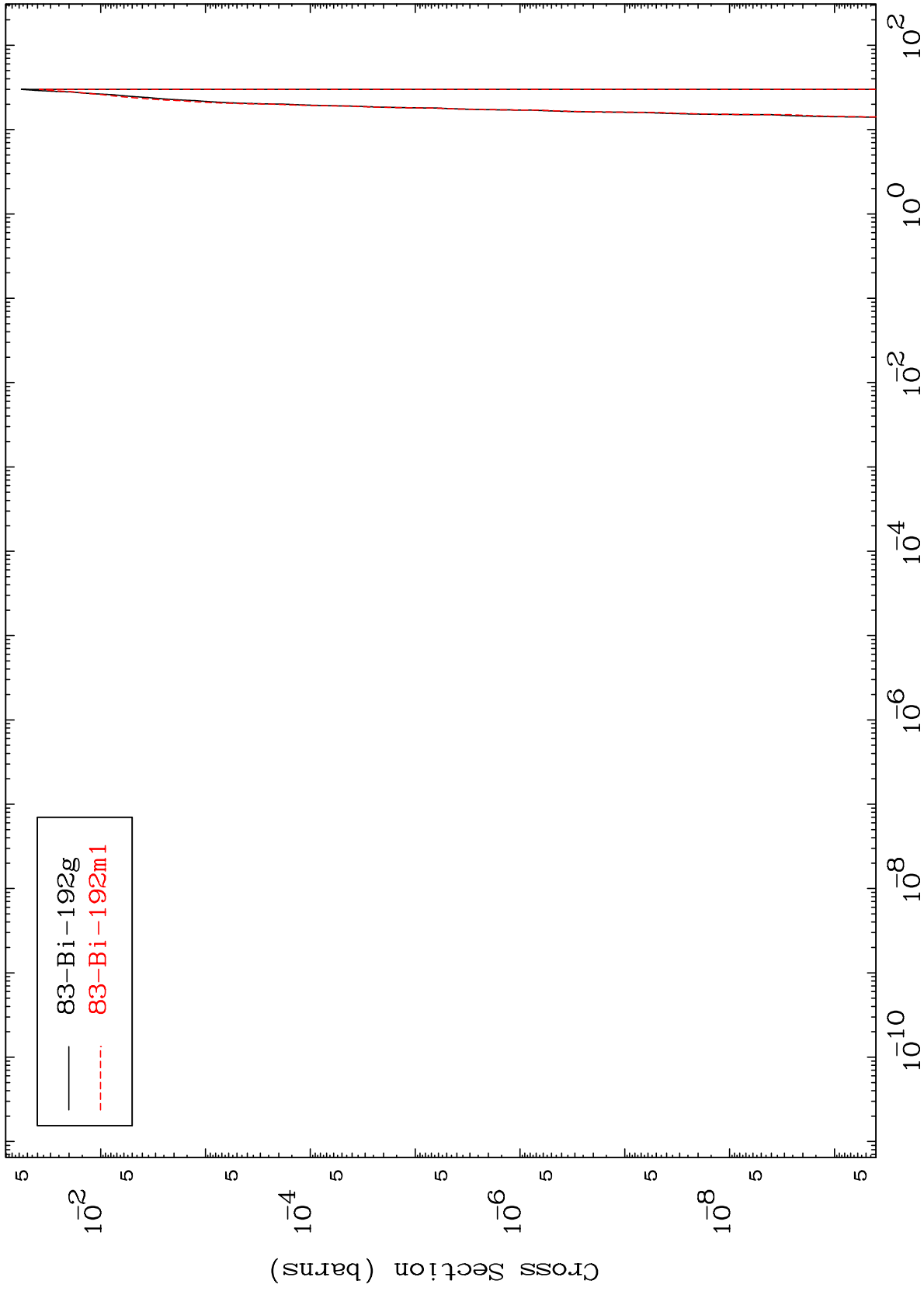
83-Bi-192

MAT 8275

(α, α)

83-Bi-192

Radionuclide Production Cross Section



18

Incident Energy (MeV)

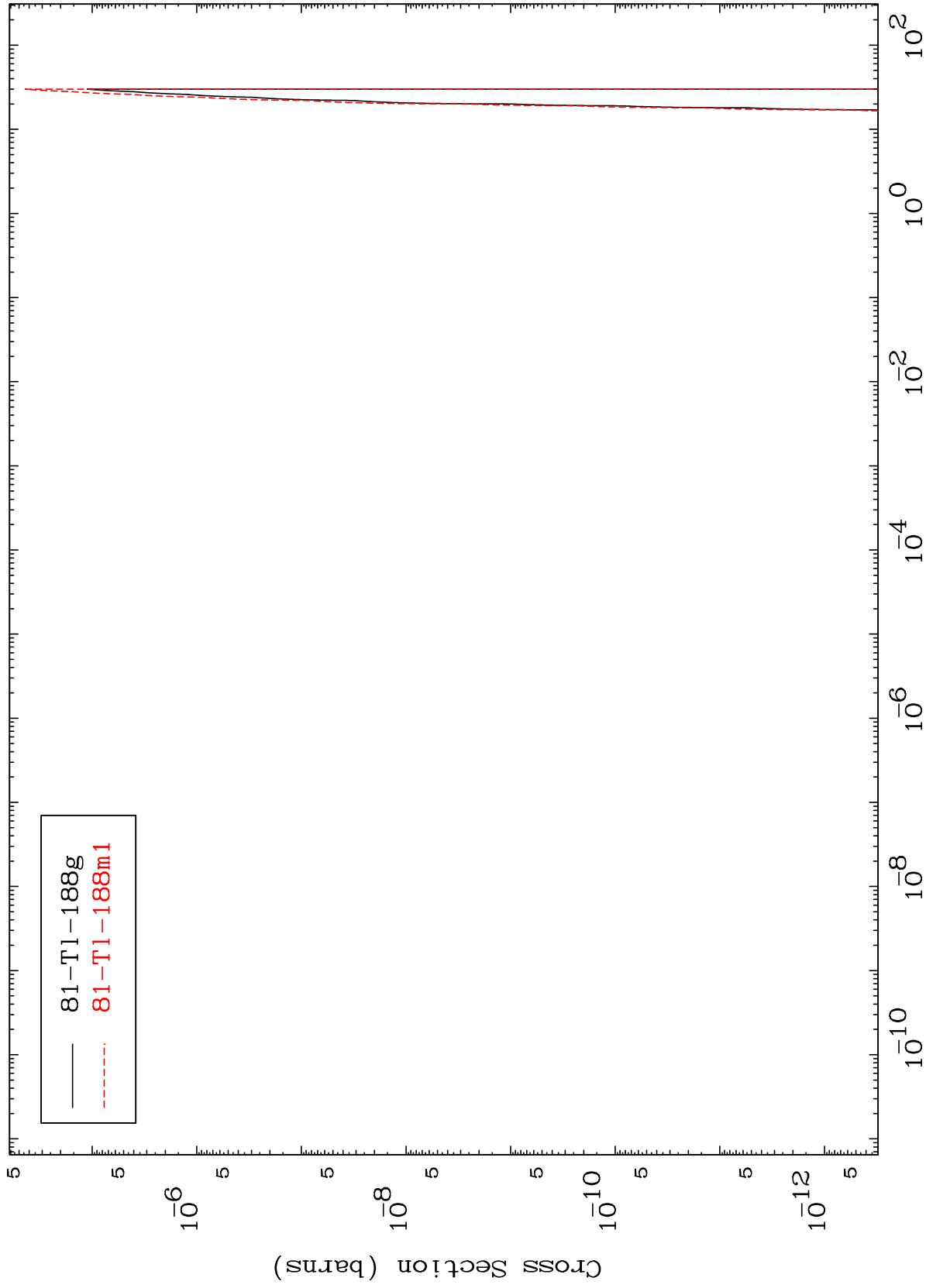
83-Bi-192

MAT 8275

($\alpha, 2\alpha$)

83-Bi-192

Radionuclide Production Cross Section



19

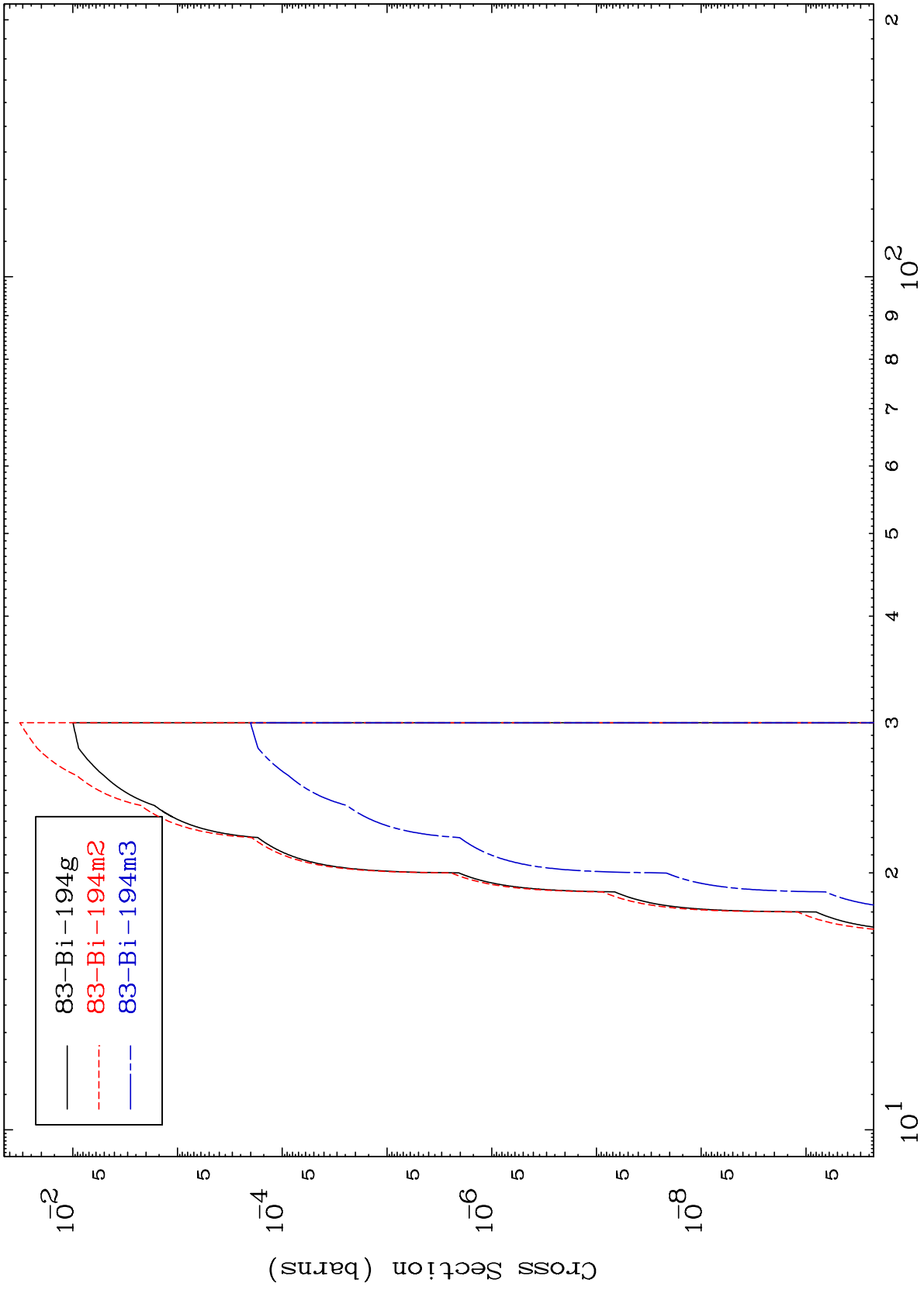
Incident Energy (MeV)

83-Bi-192

MAT 8275

83-Bi-192

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



83-Bi-192

Incident Energy (MeV)

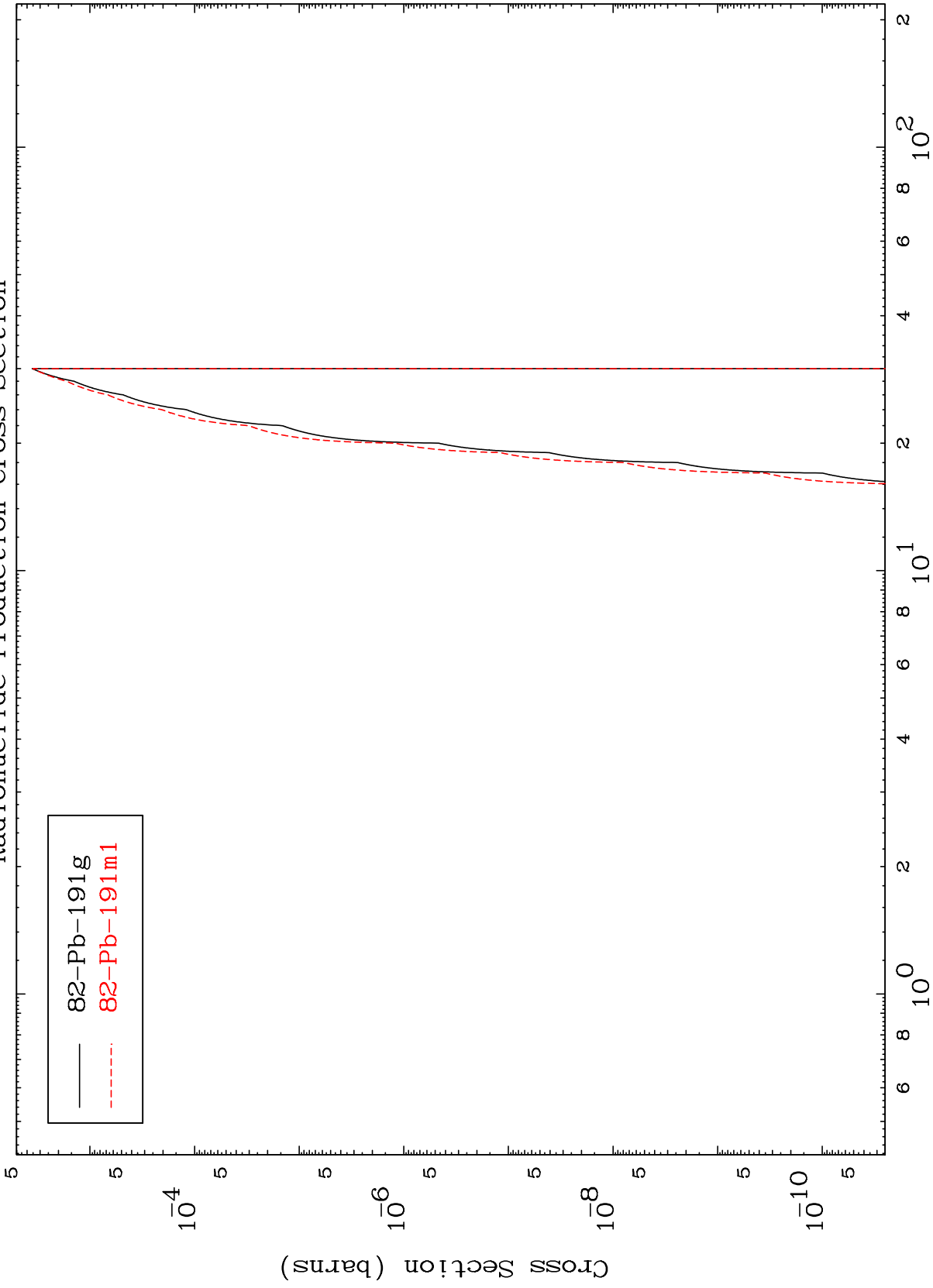
20

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(α, p) α

83-Bi-192

Radionuclide Production Cross Section



21

Incident Energy (MeV)

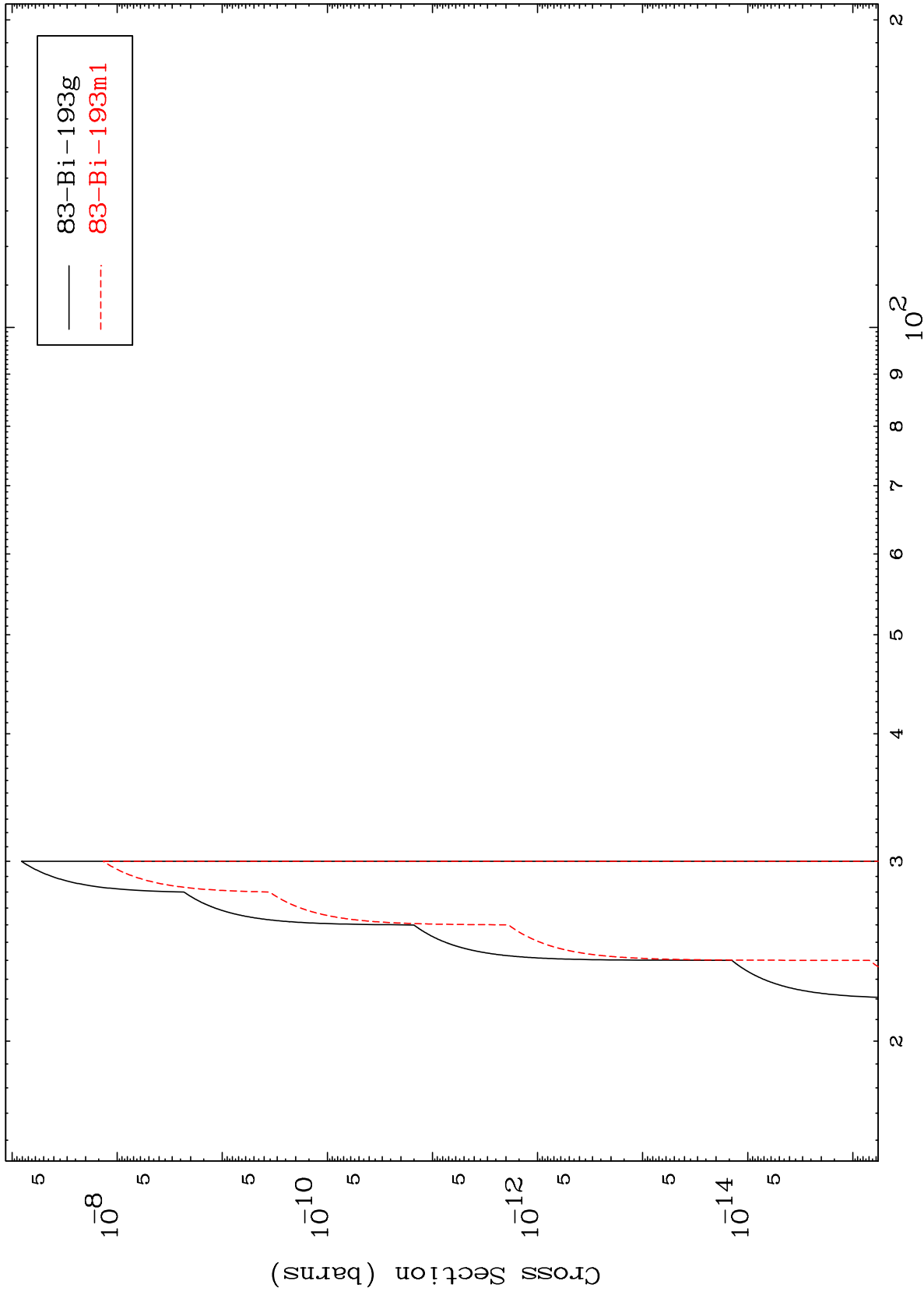
83-Bi-192

MAT 8275

(α, p) d

$^{83}\text{Bi}-192$

Radionuclide Production Cross Section



22

Incident Energy (MeV)

$^{83}\text{Bi}-192$