

Program EVALPLOT  
(Version 2018-1)

by

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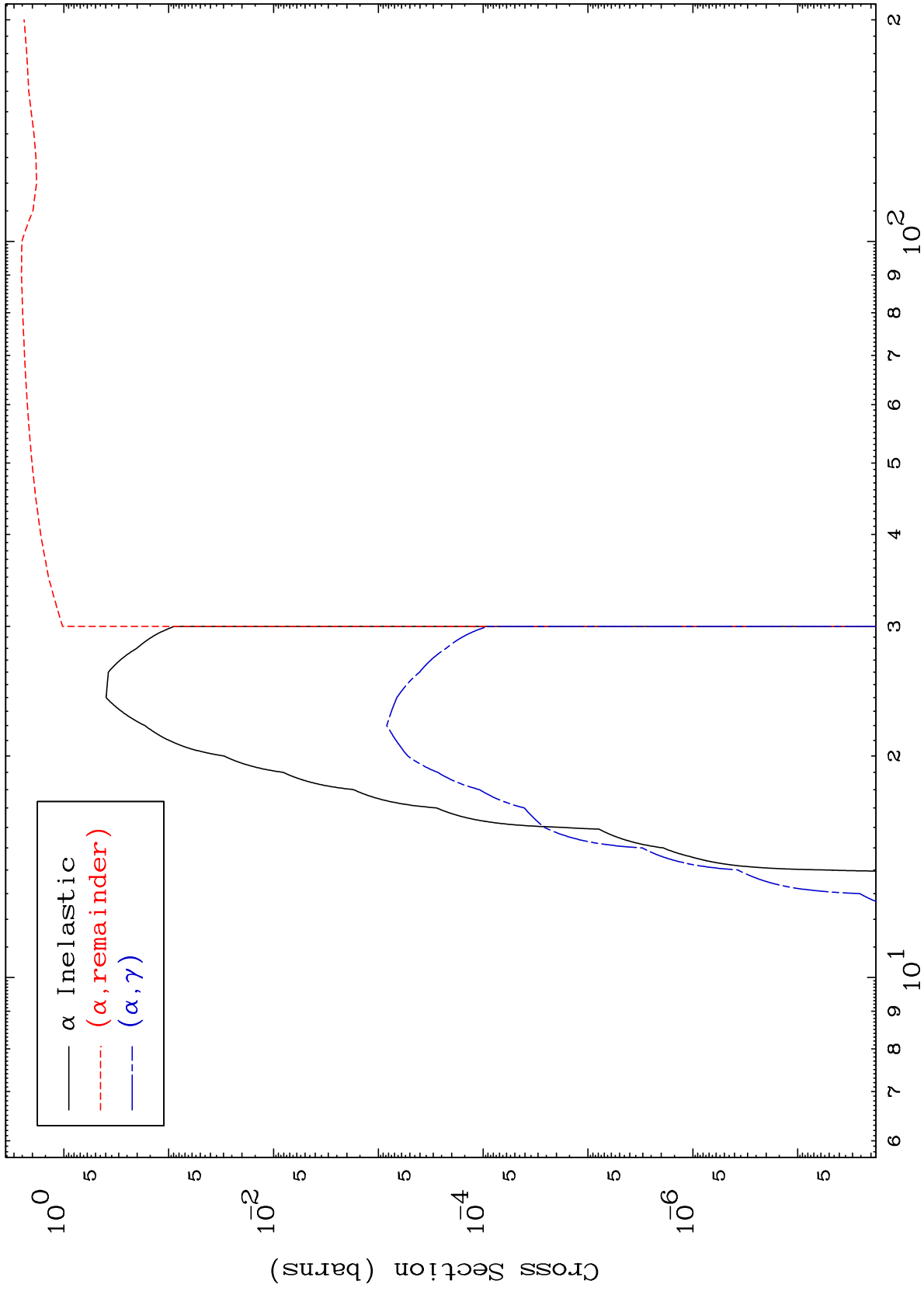
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8299

0 Kelvin  $\alpha$  Major  
Cross Sections

83-Bi-200



1

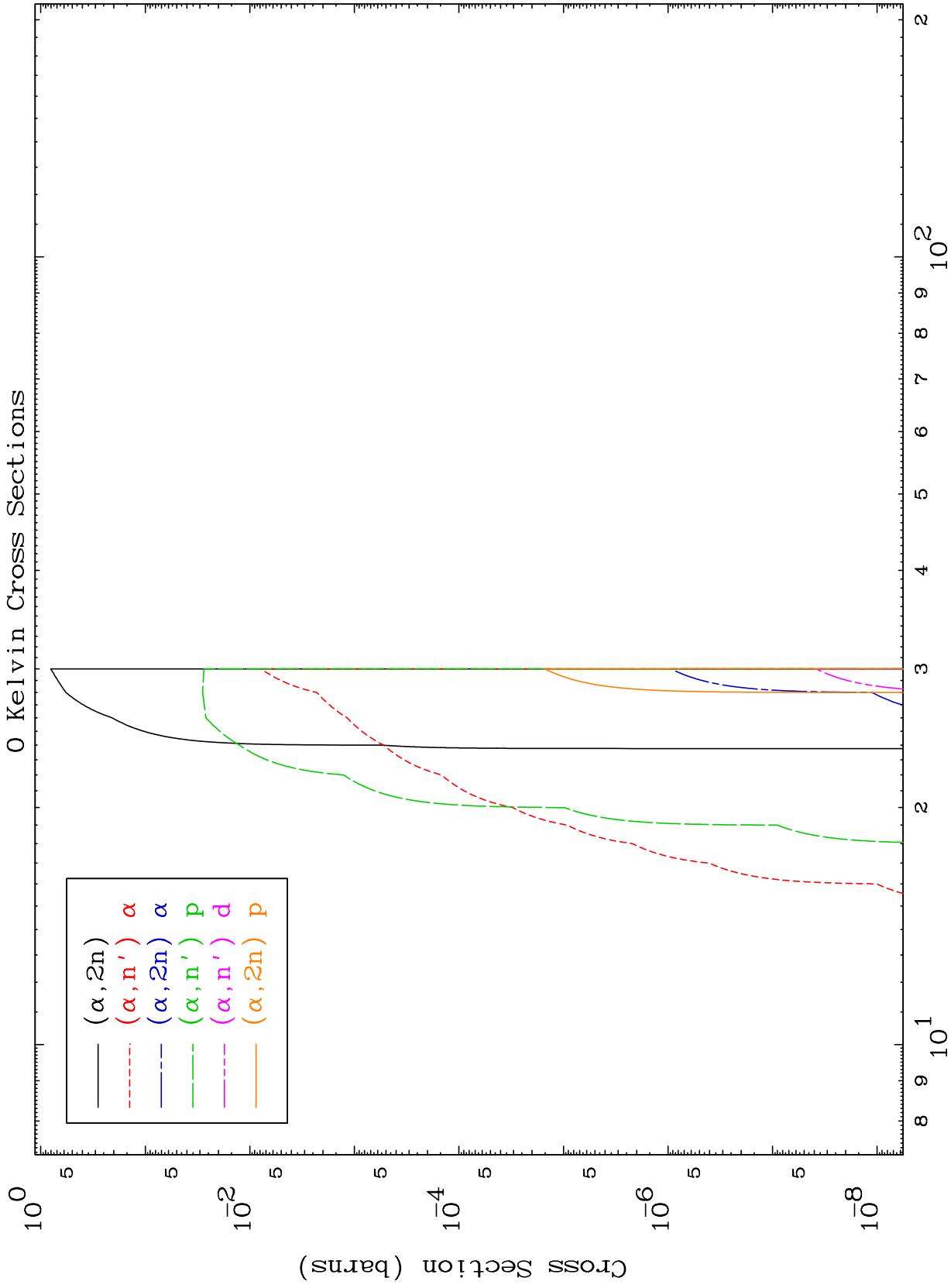
Incident Energy (MeV)

83-Bi-200

MAT 8299

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

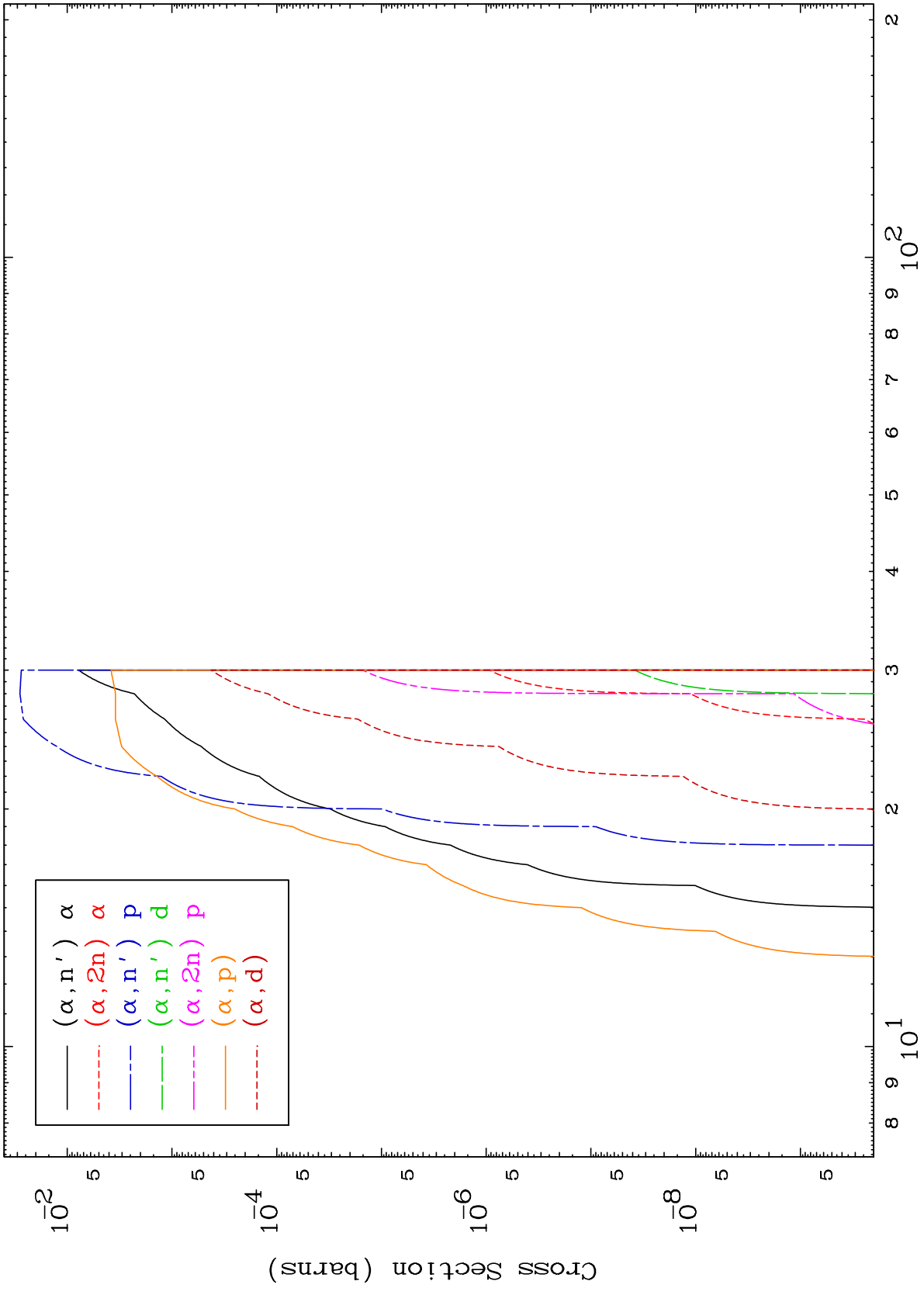
83-Bi-200



2

Incident Energy (MeV)

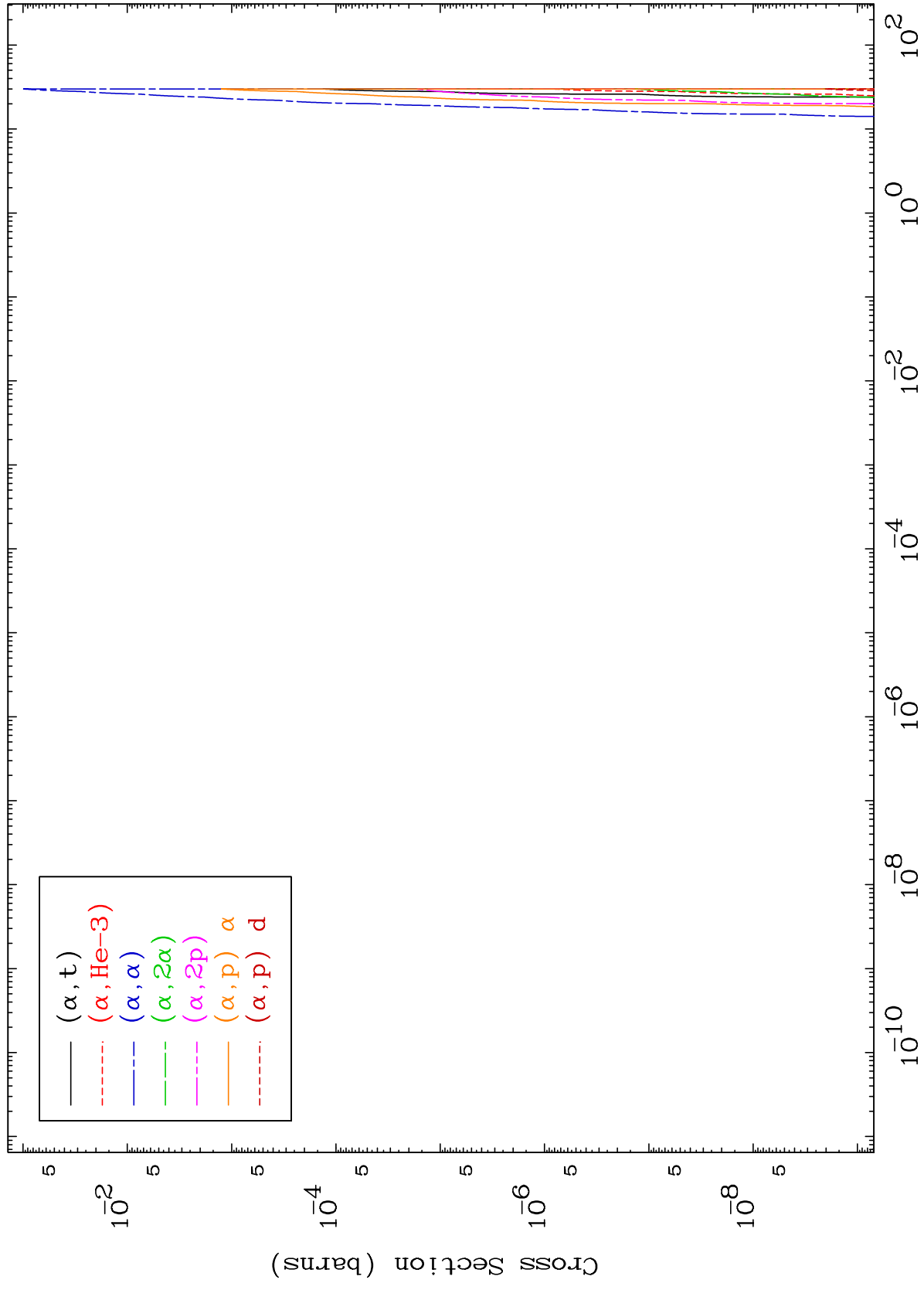
83-Bi-200



MAT 8299

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

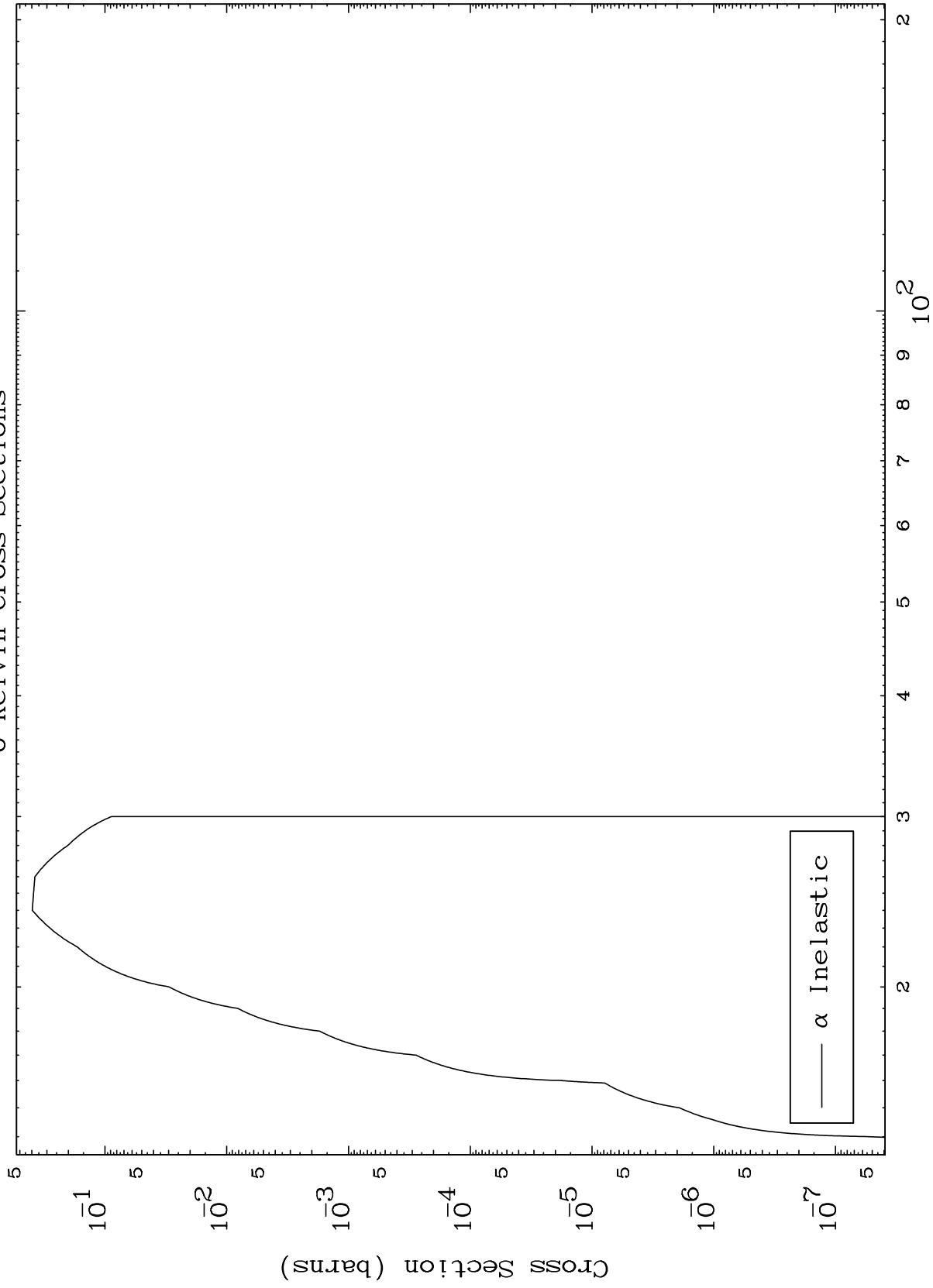
83-Bi-200



MAT 8299

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

83-Bi-200



5

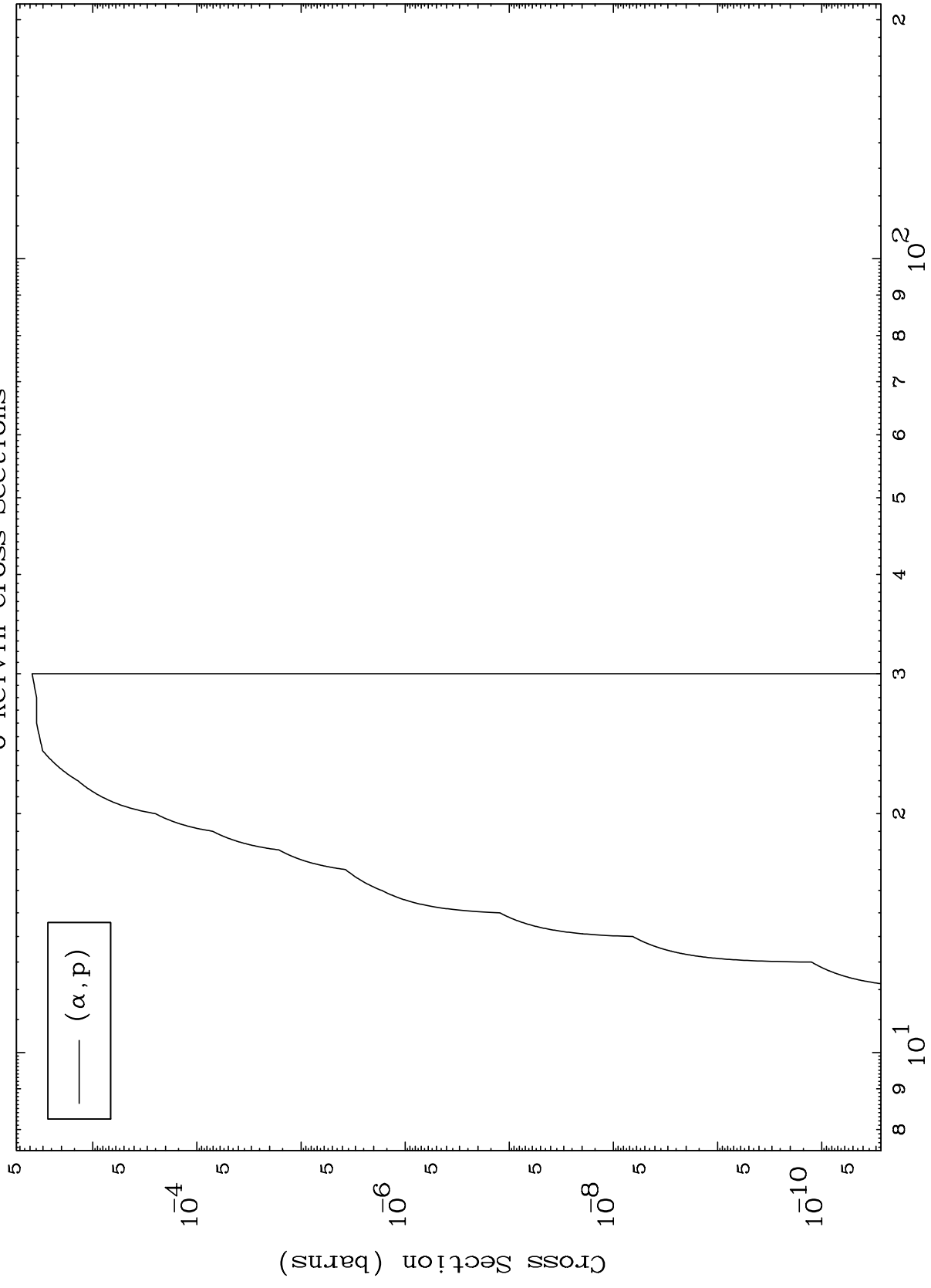
Incident Energy (MeV)

83-Bi-200

MAT 8299

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

83-Bi-200



6

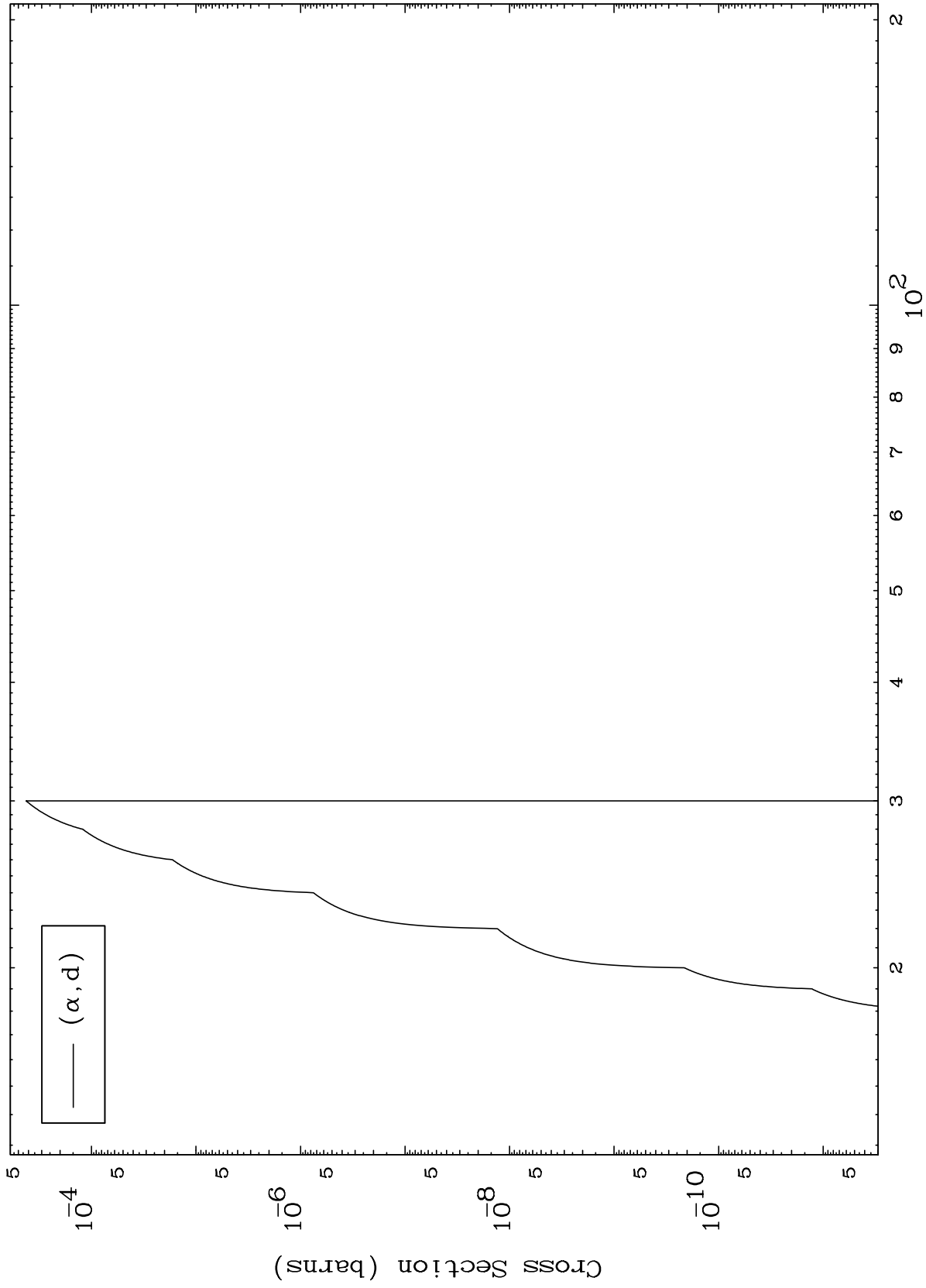
Incident Energy (MeV)

83-Bi-200

MAT 8299

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

83-Bi-200

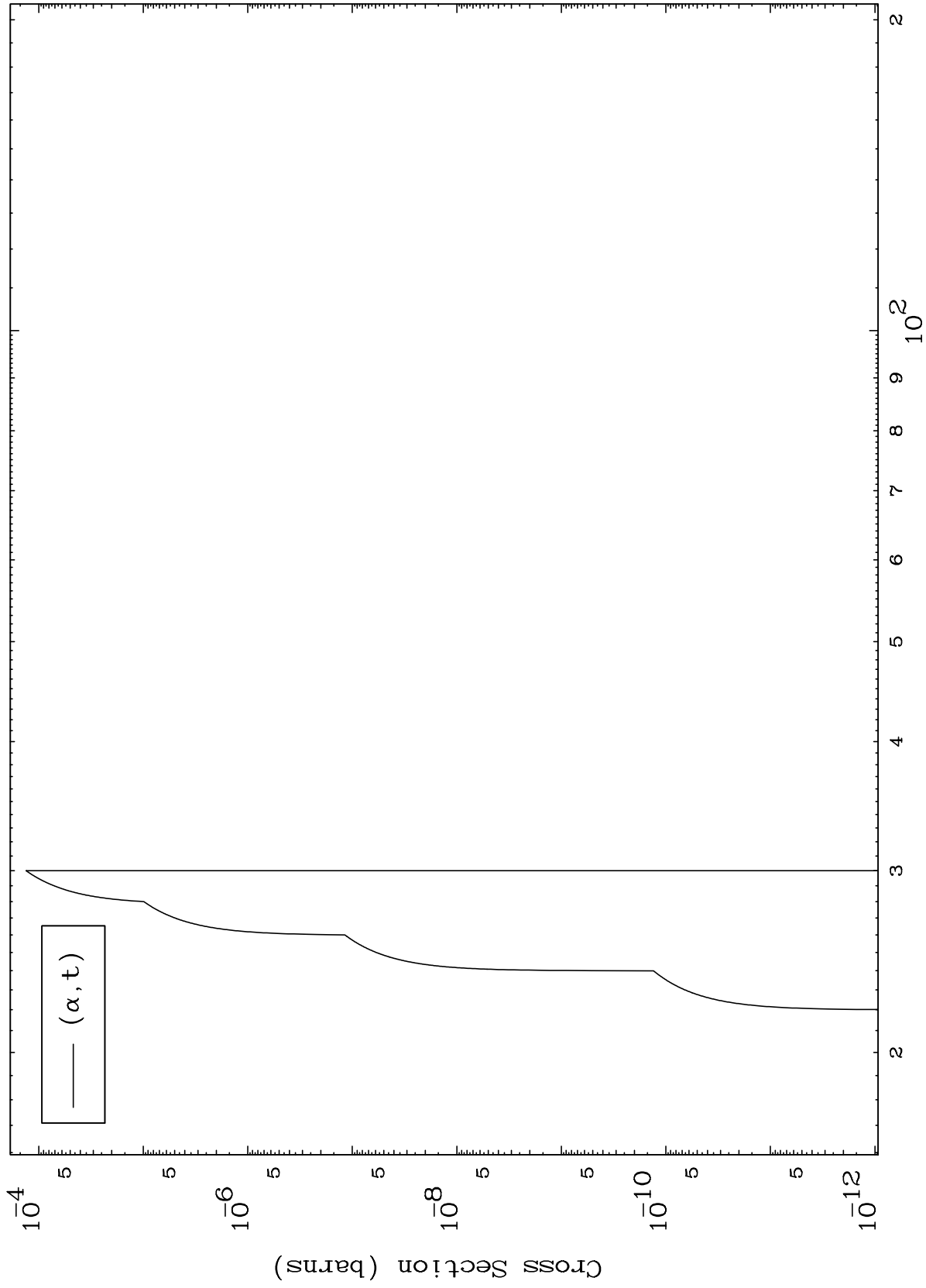




MAT 8299

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

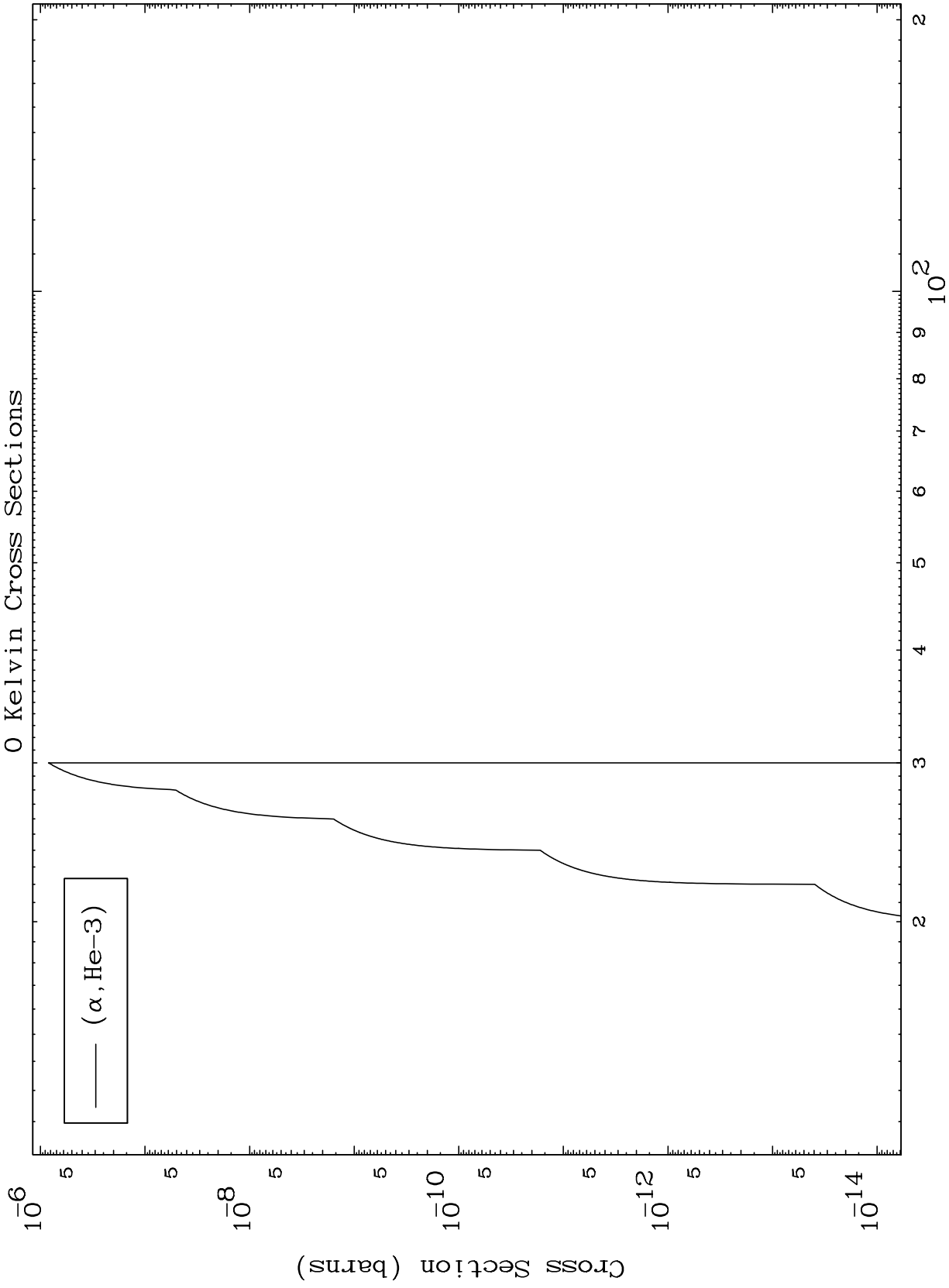
83-Bi-200



8

Incident Energy (MeV)

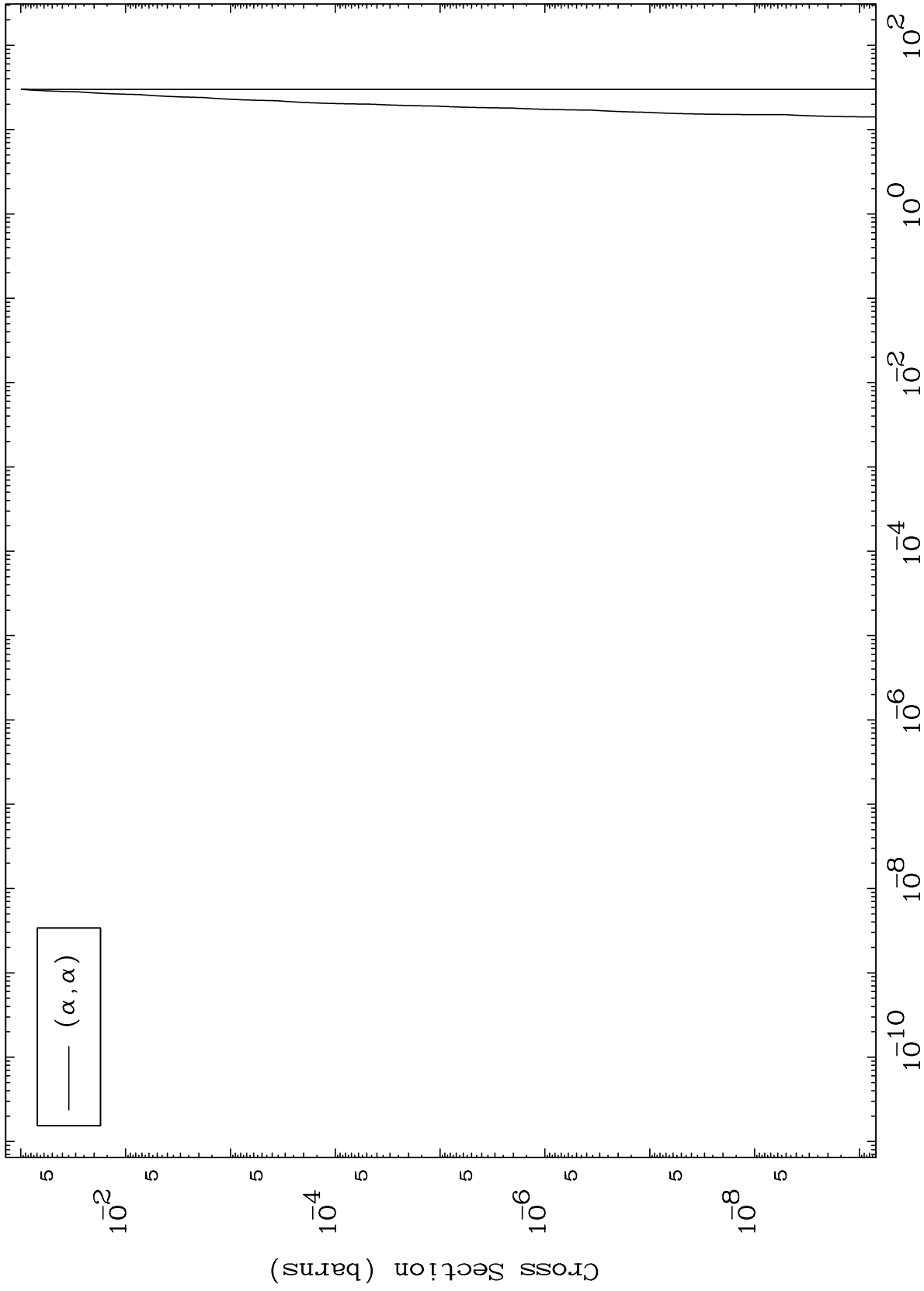
83-Bi-200



MAT 8299

( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

83-Bi-200



10

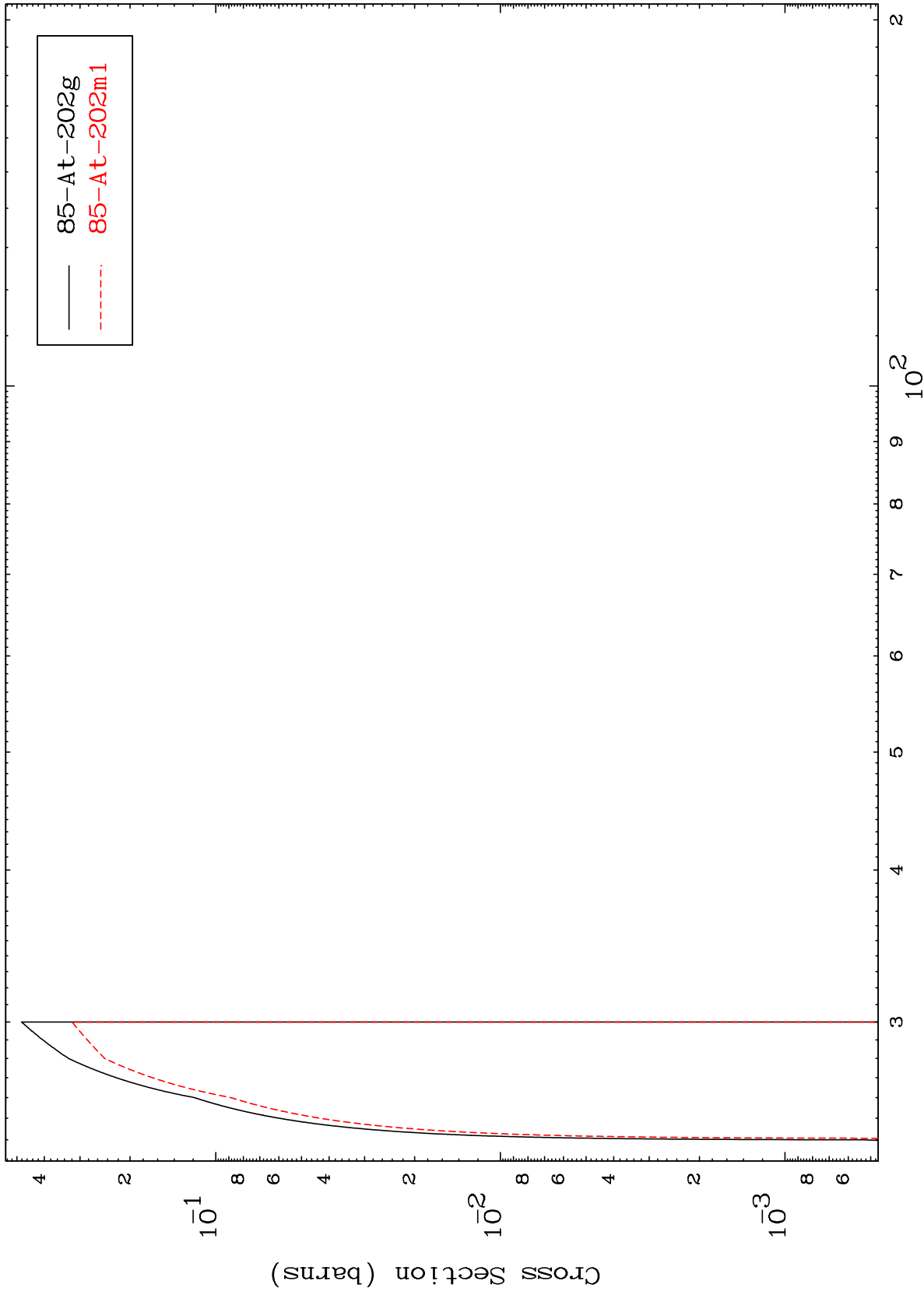
Incident Energy (MeV)

83-Bi-200

MAT 8299

83-Bi-200

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



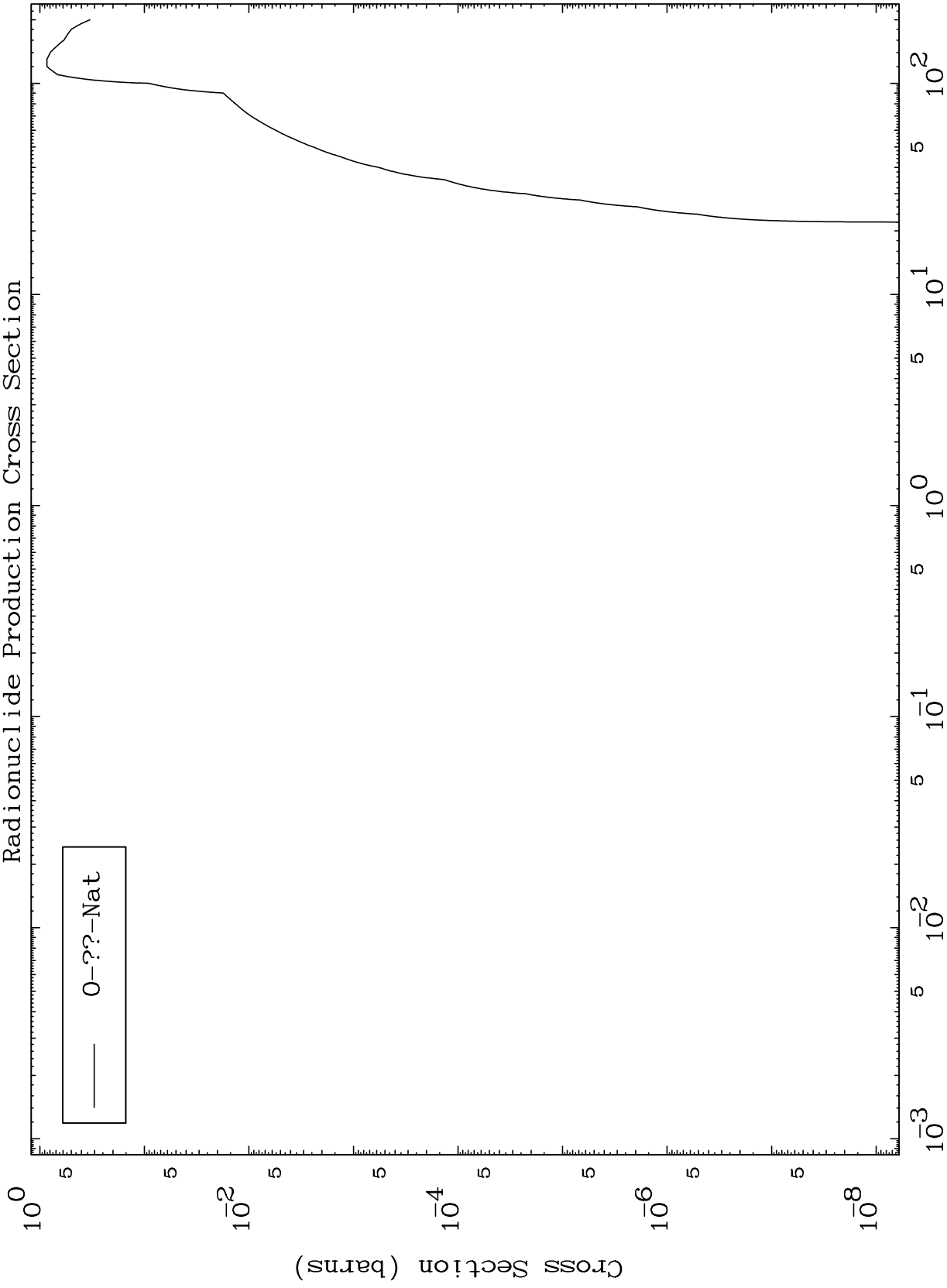
11

83-Bi-200

MAT 8299

$\alpha$  Fission  
Radionuclide Production Cross Section

83-Bi-200



12

Incident Energy (MeV)

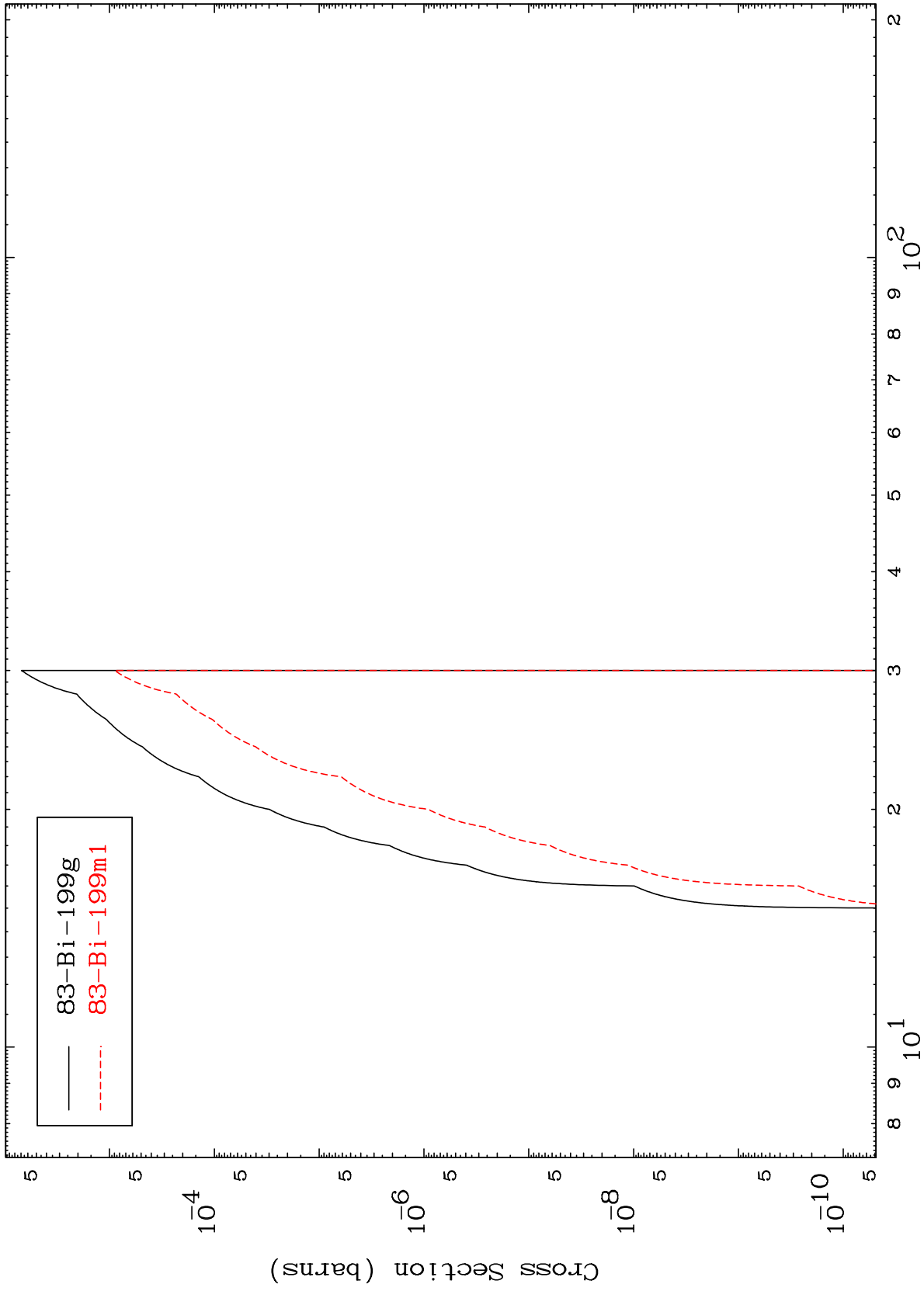
83-Bi-200

MAT 8299

$(\alpha, n')$   $\alpha$

$^{83}\text{Bi}-200$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

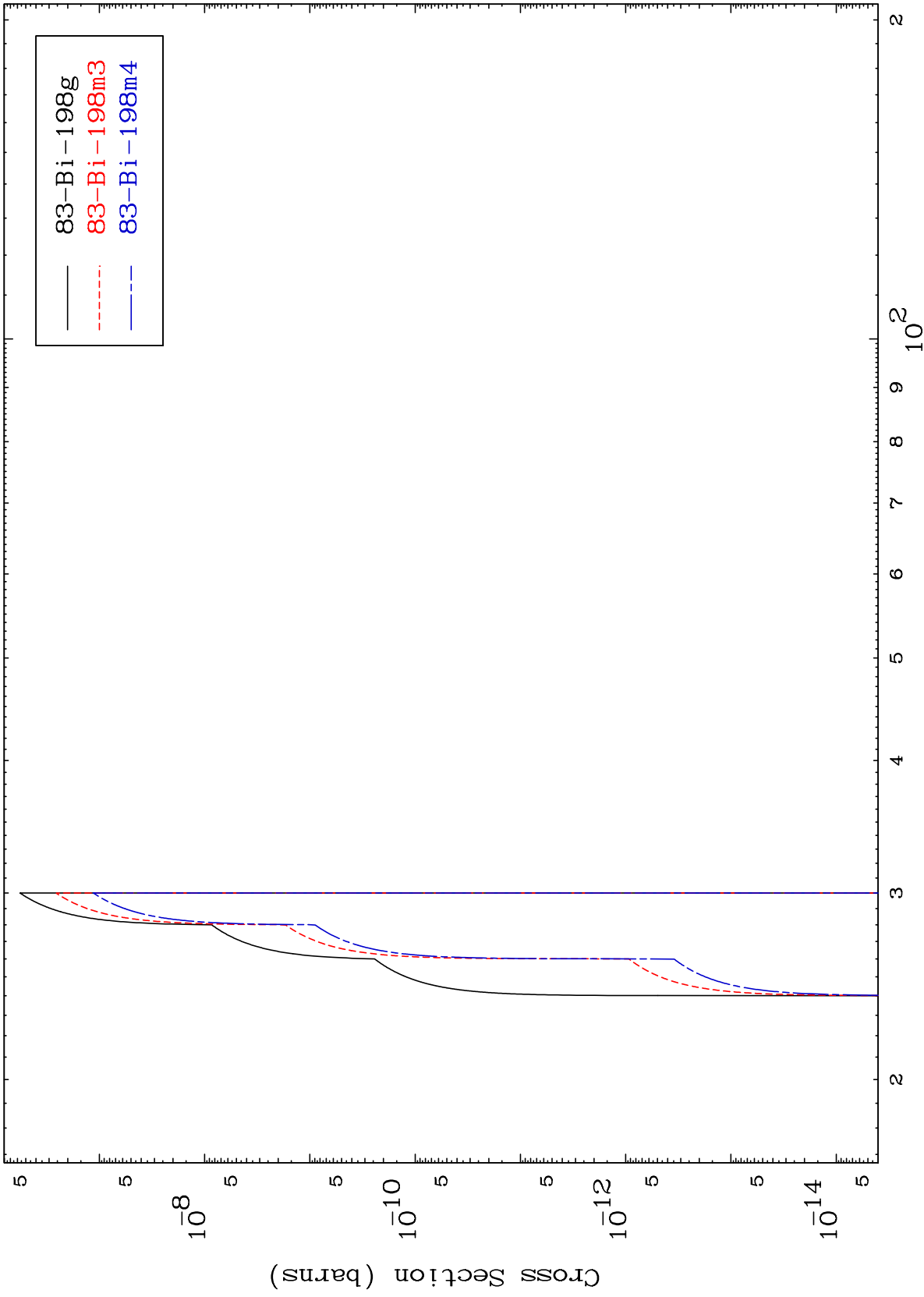
$^{83}\text{Bi}-200$

MAT 8299

$(\alpha, 2n) \alpha$

83-Bi-200

Radionuclide Production Cross Section



14

Incident Energy (MeV)

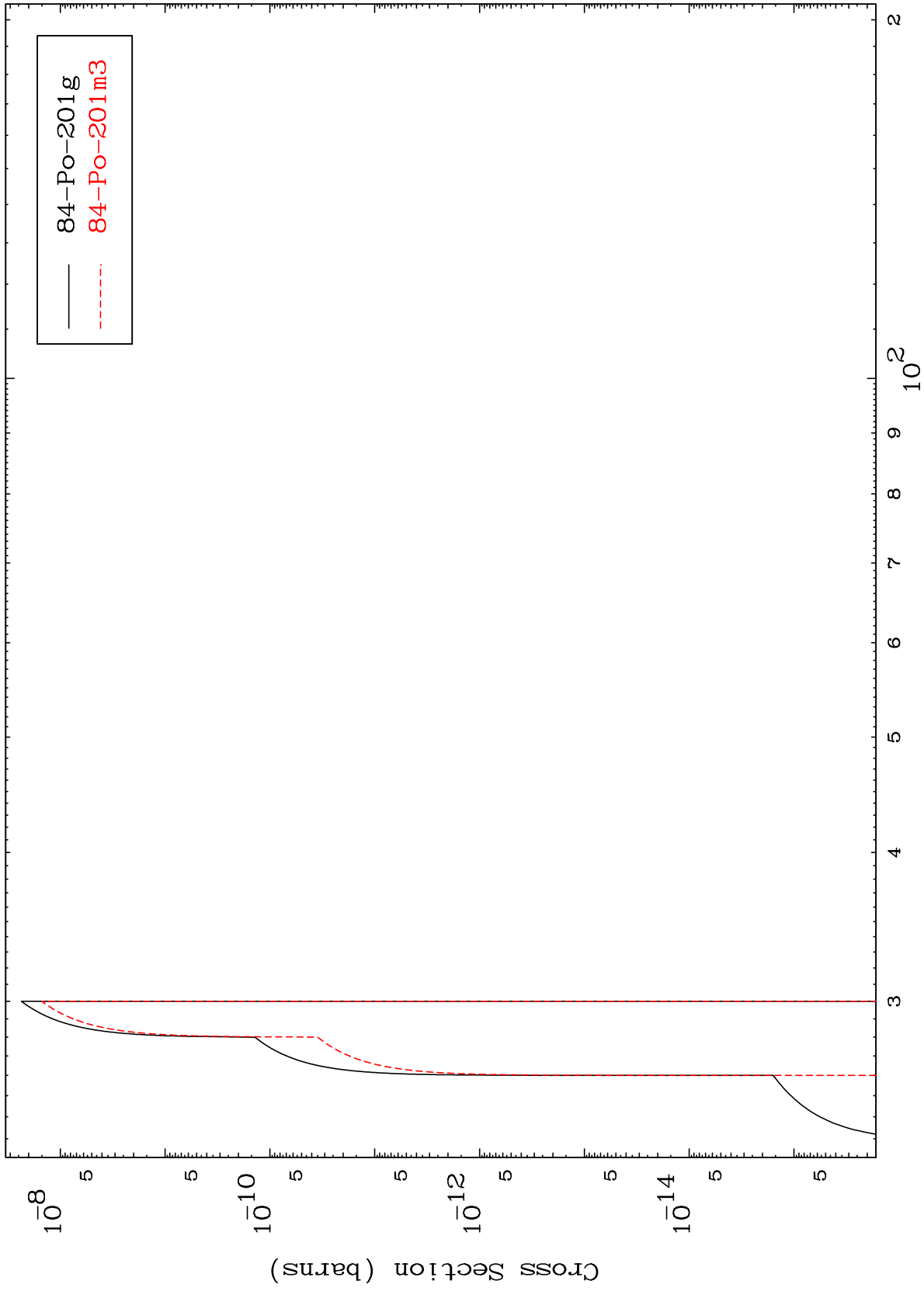
83-Bi-200

MAT 8299

( $\alpha, n'$ ) d

83-Bi-200

Radionuclide Production Cross Section



15

Incident Energy (MeV)

83-Bi-200

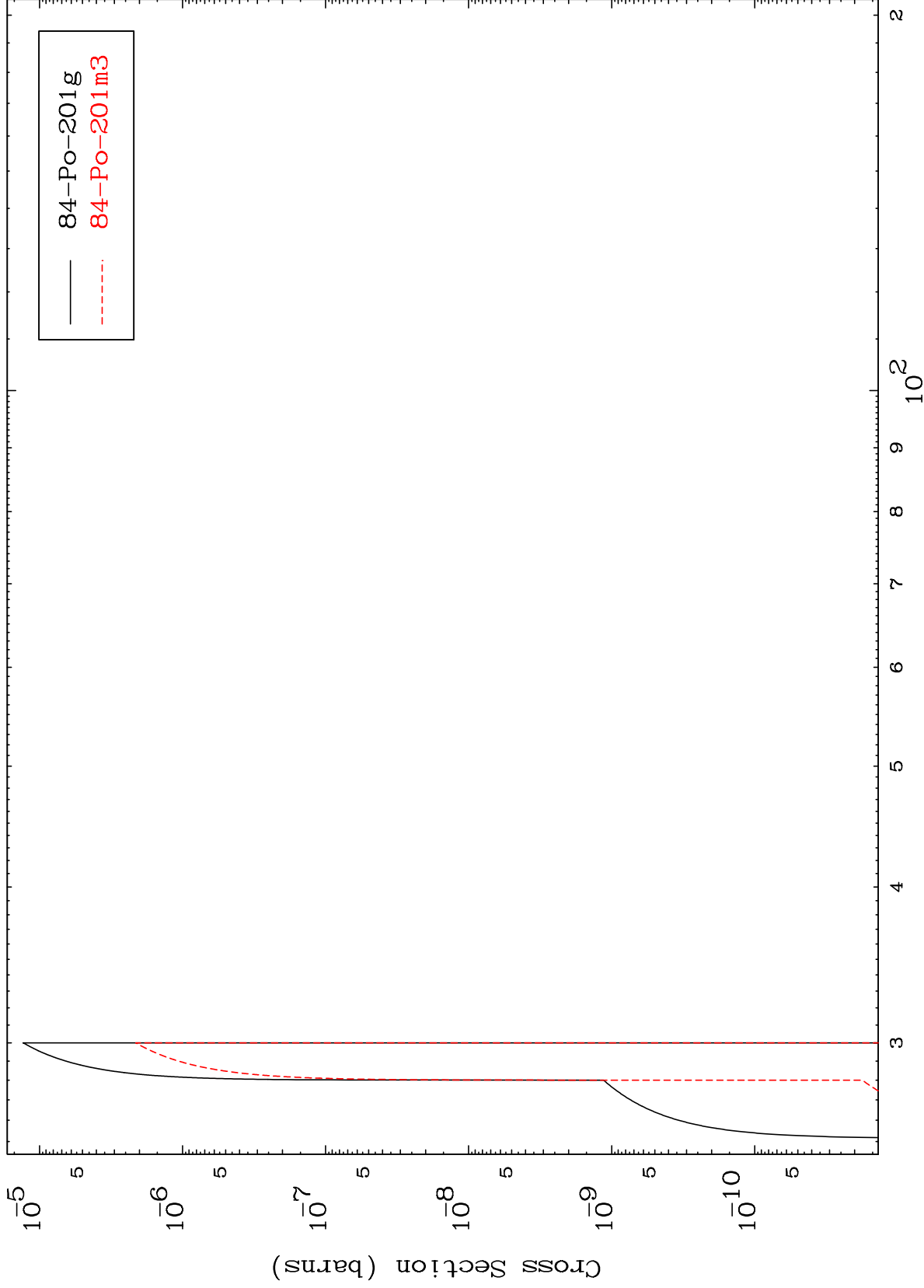


MAT 8299

( $\alpha, 2n$ ) p

83-Bi-200

Radionuclide Production Cross Section



16

Incident Energy (MeV)

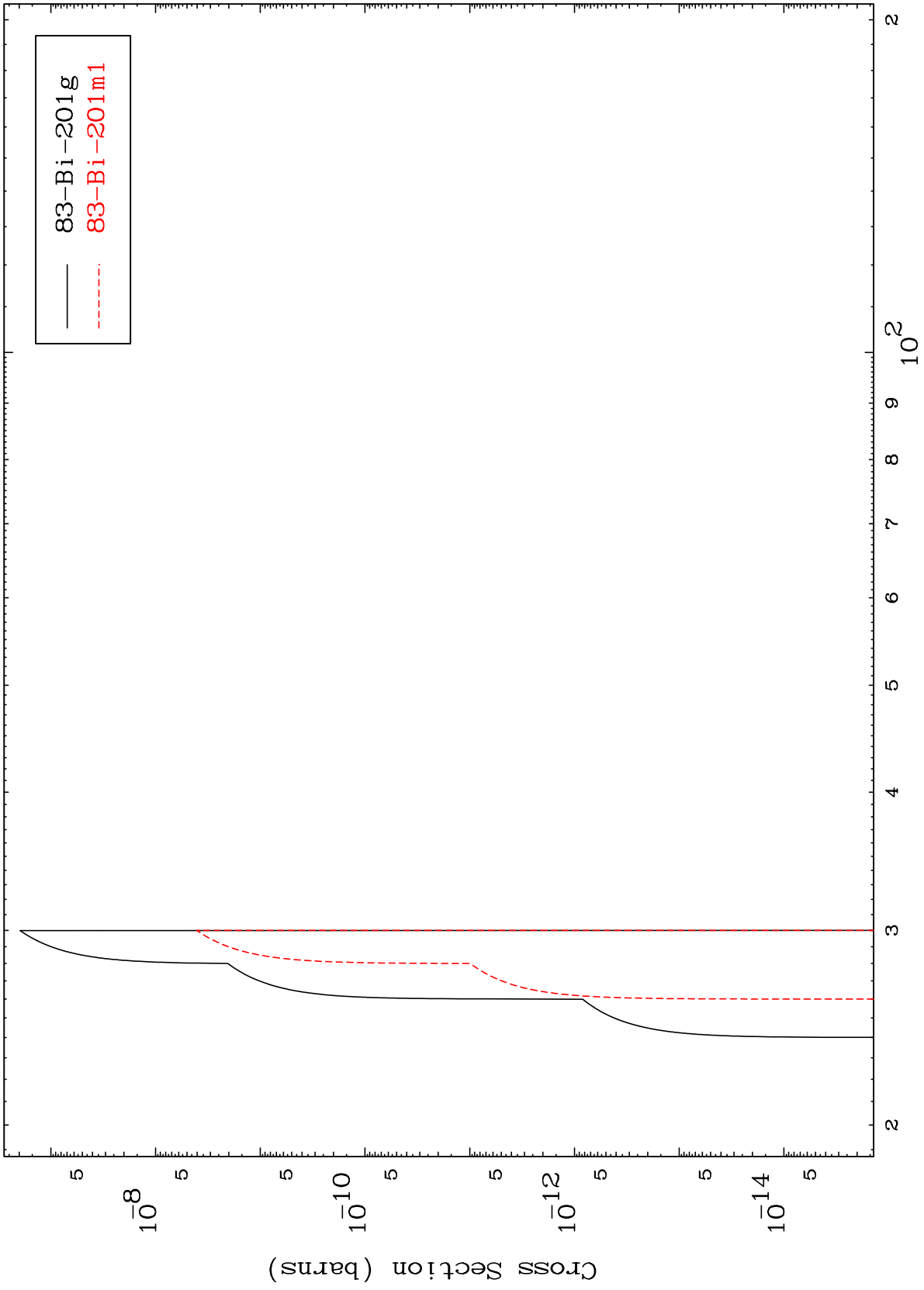
83-Bi-200

MAT 8299

( $\alpha, 2n$ ) p

$^{83}\text{Bi}-200$

Radionuclide Production Cross Section



17

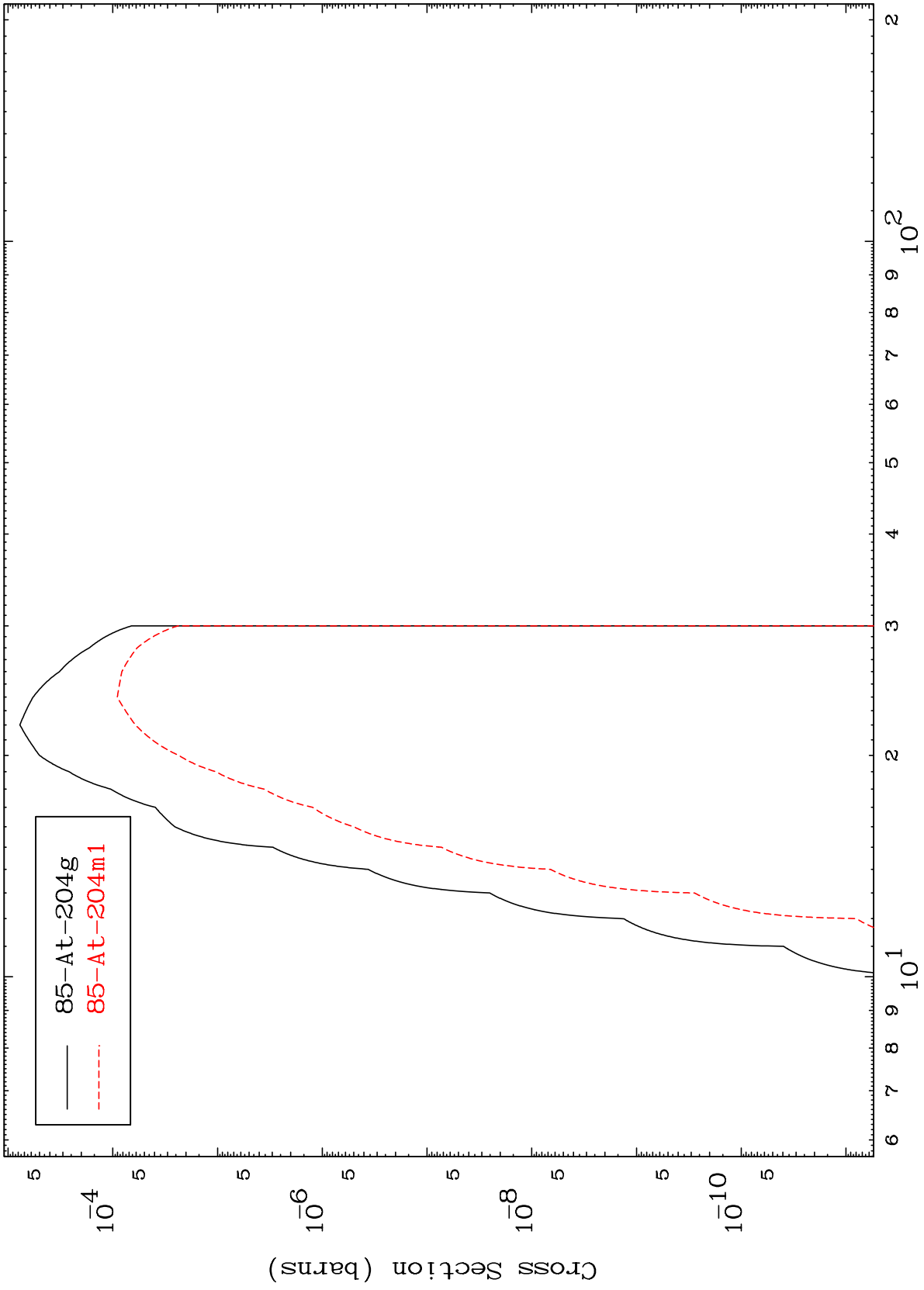
Incident Energy (MeV)

$^{83}\text{Bi}-200$

MAT 8299

83-Bi-200

( $\alpha, \gamma$ )  
Radionuclide Production Cross Section



18

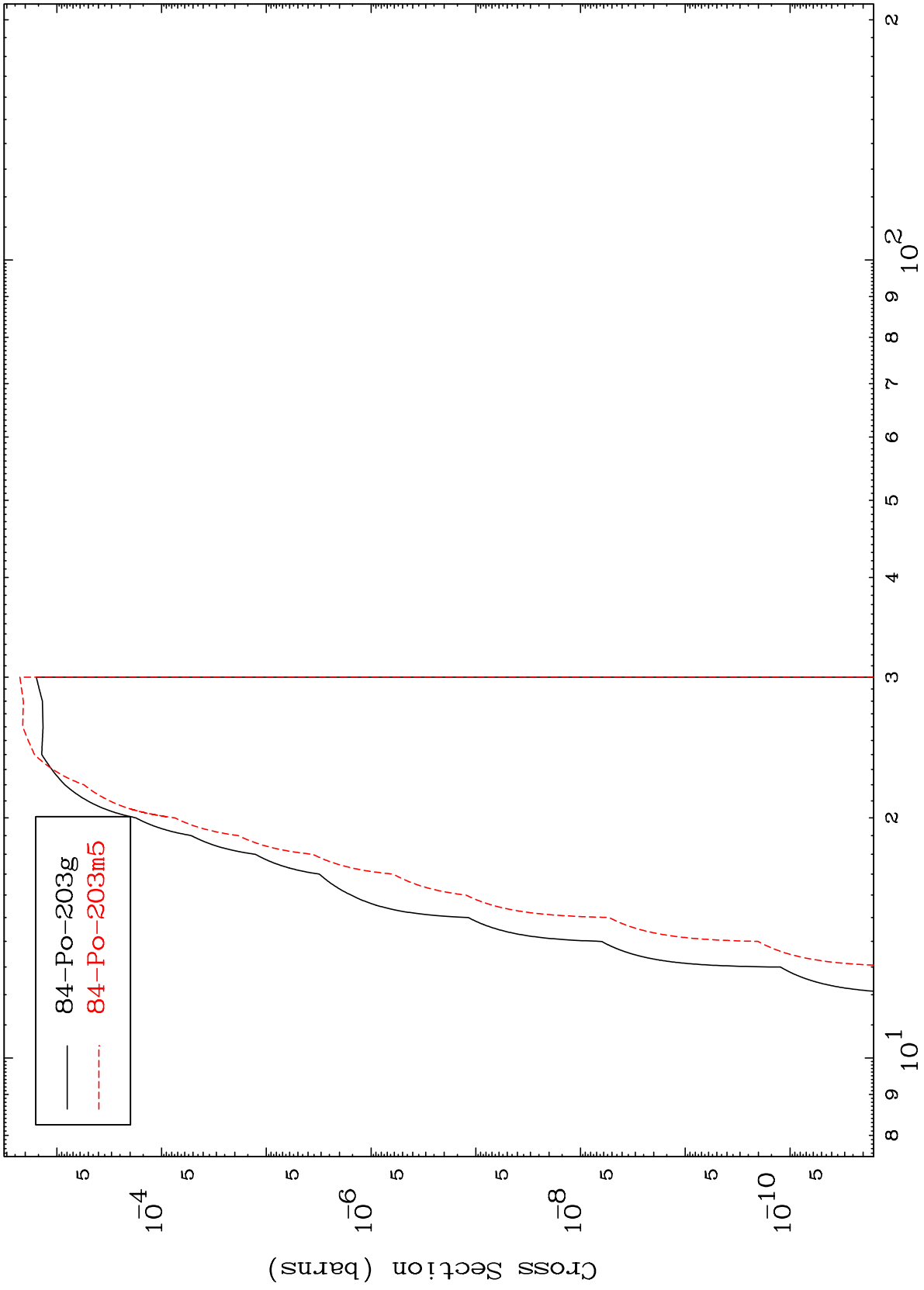
Incident Energy (MeV)

83-Bi-200

MAT 8299

83-Bi-200

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



19

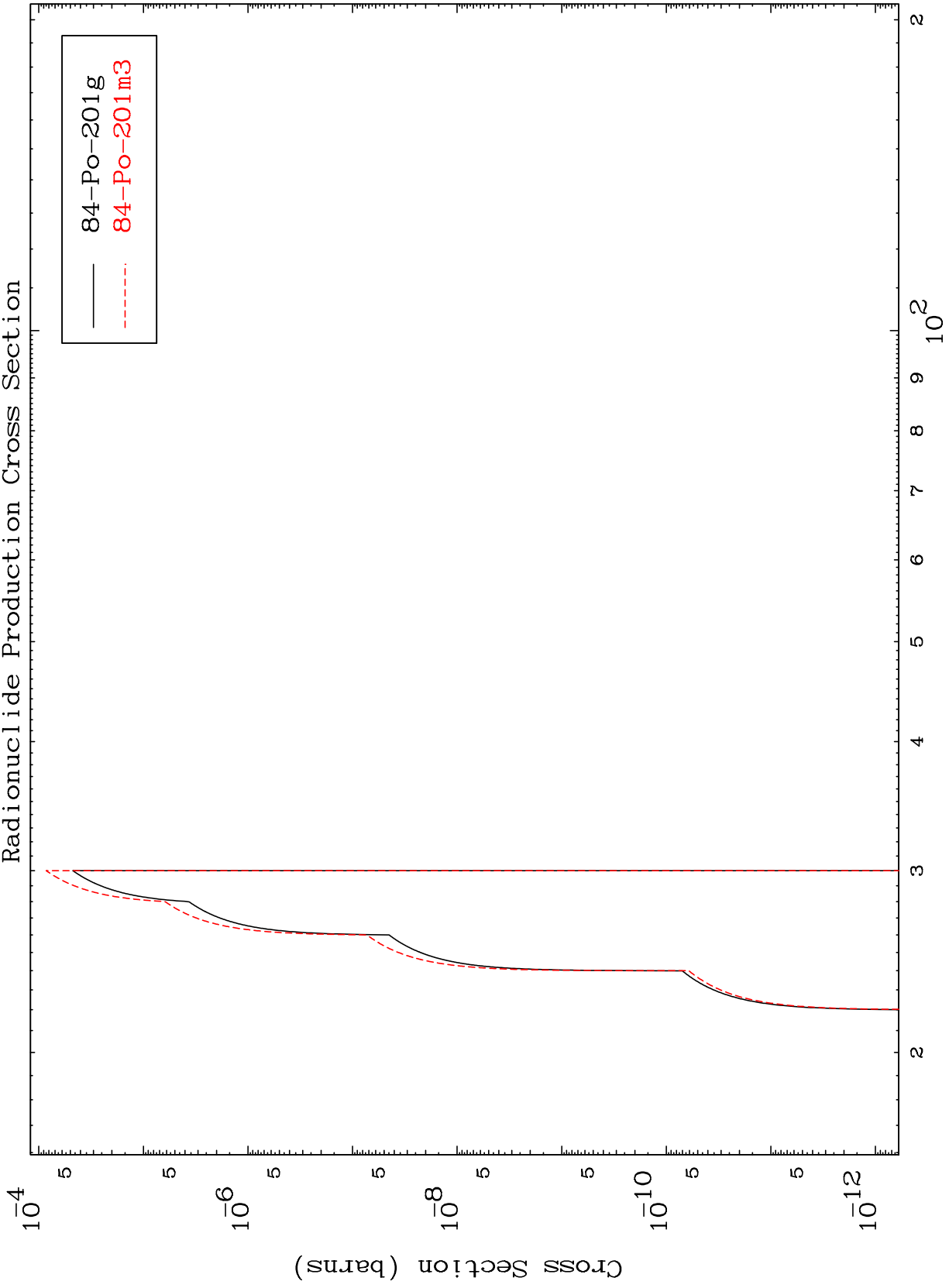
Incident Energy (MeV)

83-Bi-200

MAT 8299

83-Bi-200

$(\alpha, t)$   
Radionuclide Production Cross Section



20

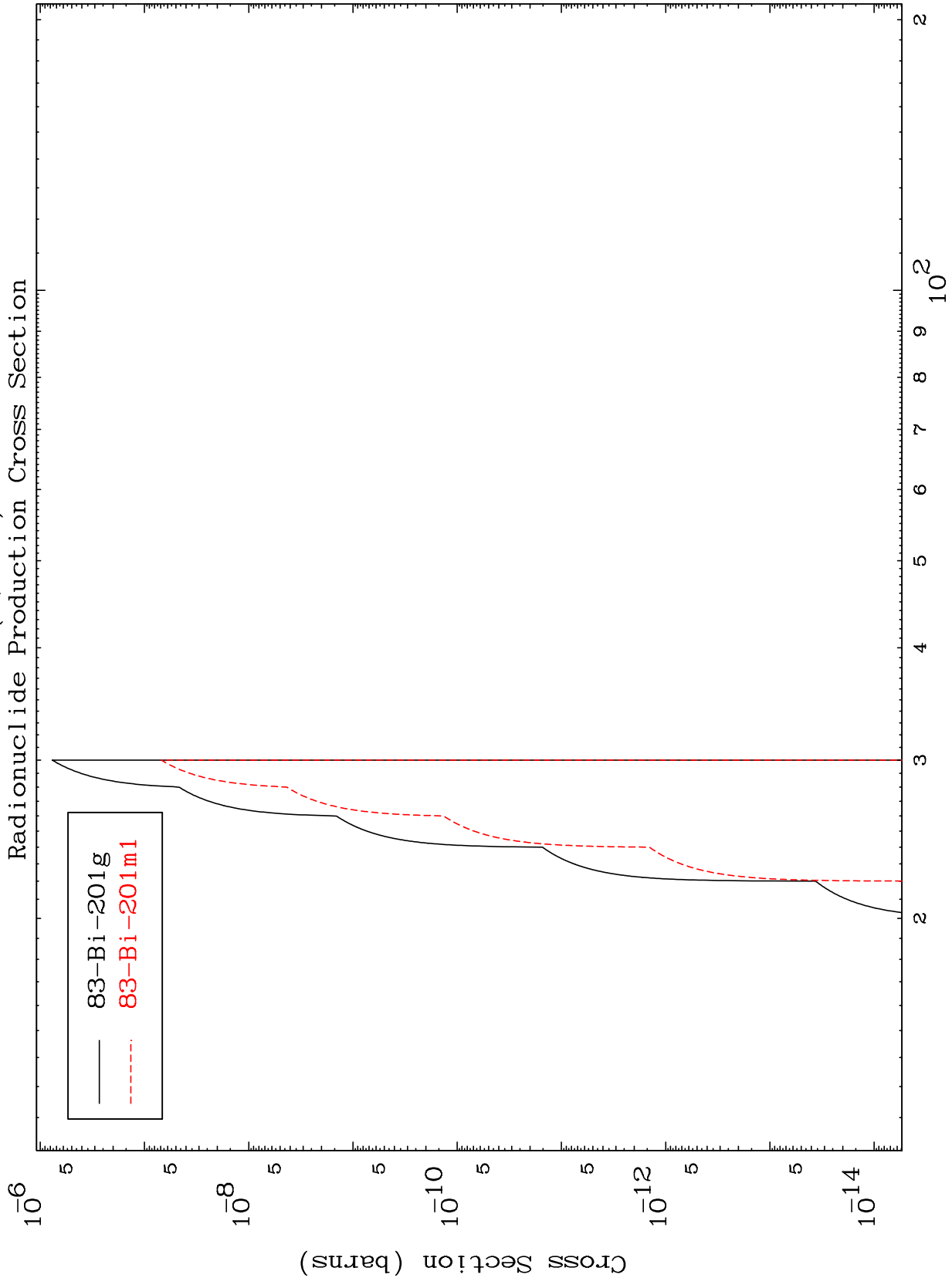
Incident Energy (MeV)

83-Bi-200

MAT 8299

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

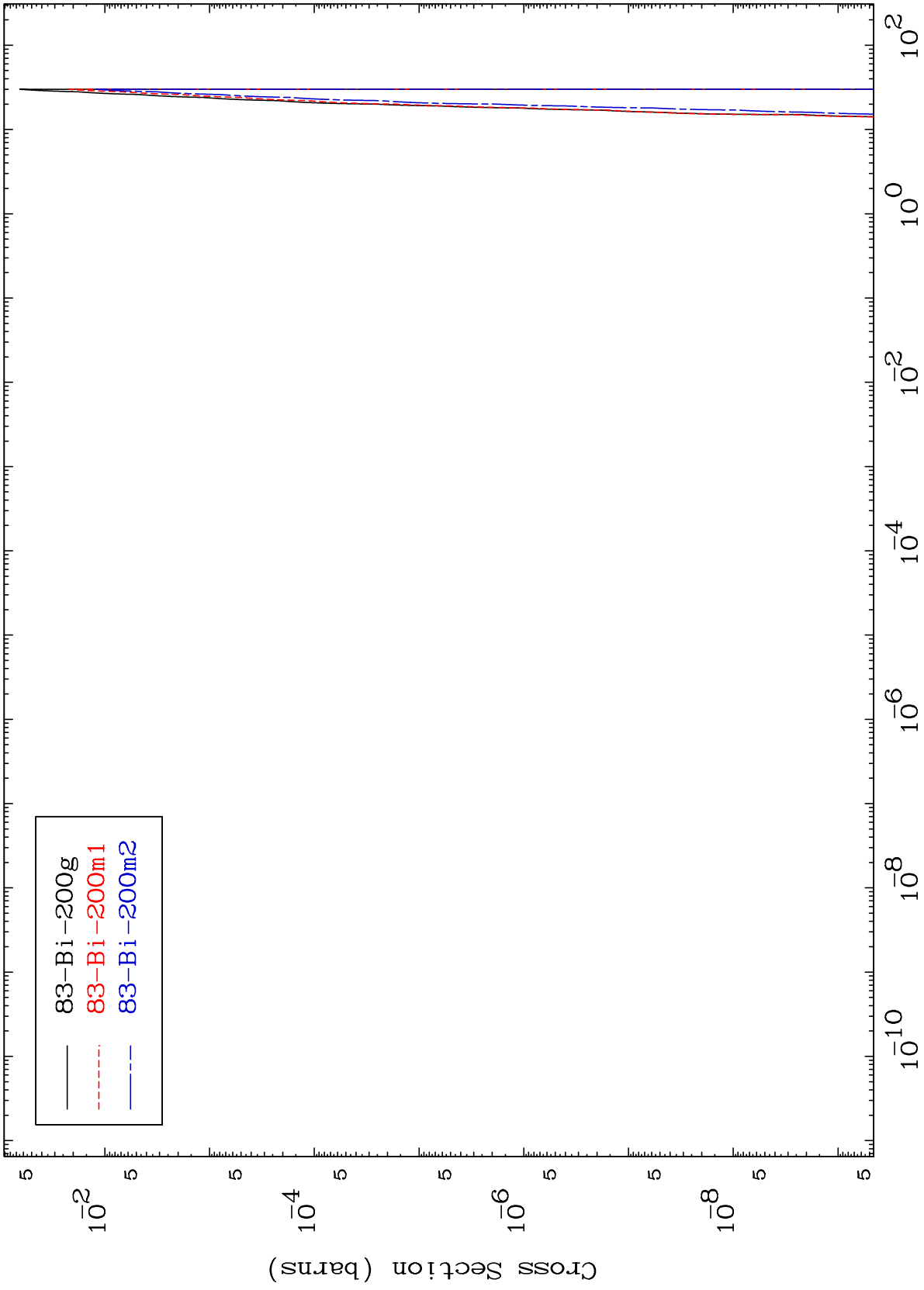
83-Bi-200



MAT 8299

83-Bi-200

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



22

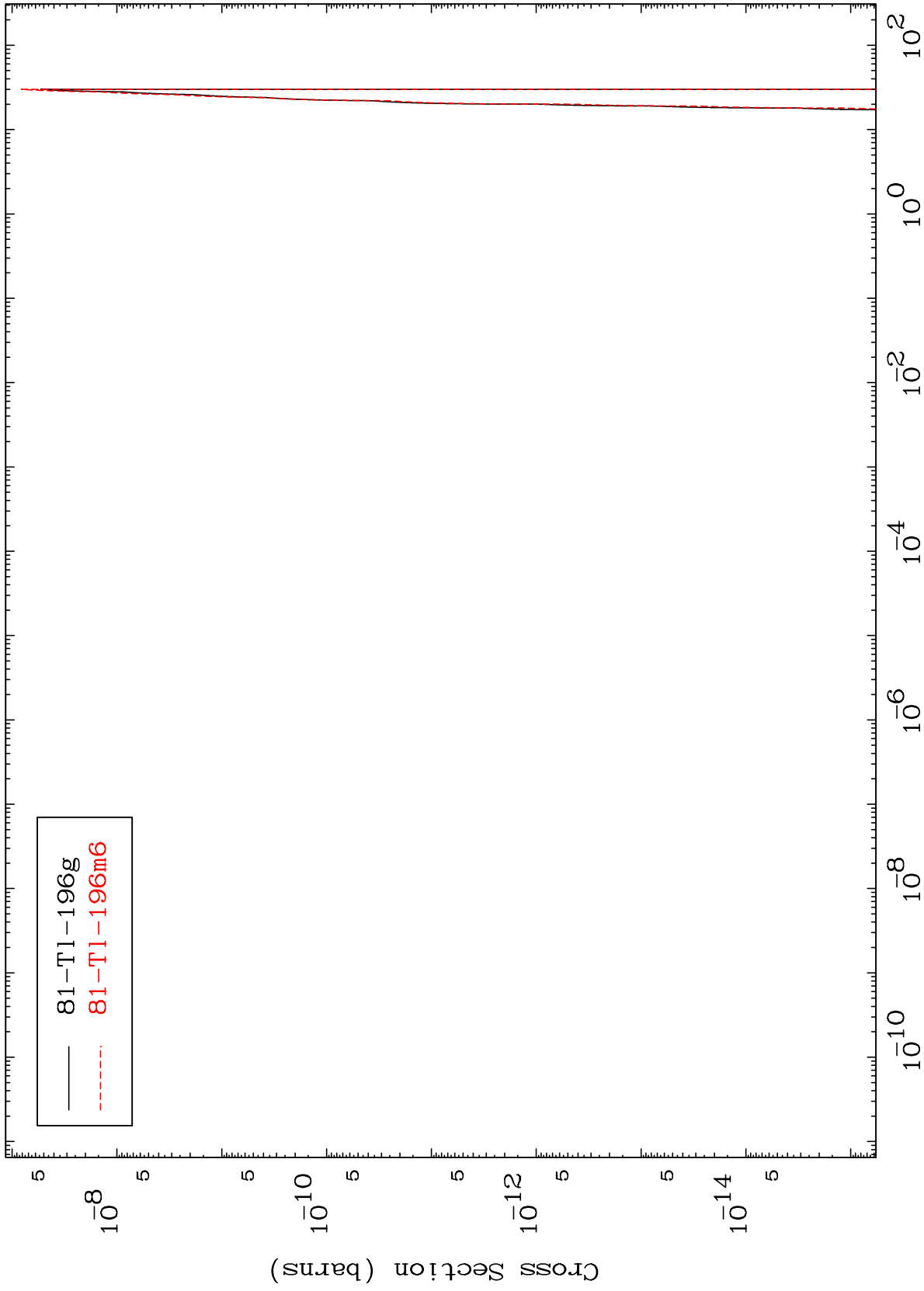
83-Bi-200

MAT 8299

( $\alpha, 2\alpha$ )

83-Bi-200

Radionuclide Production Cross Section



23

Incident Energy (MeV)

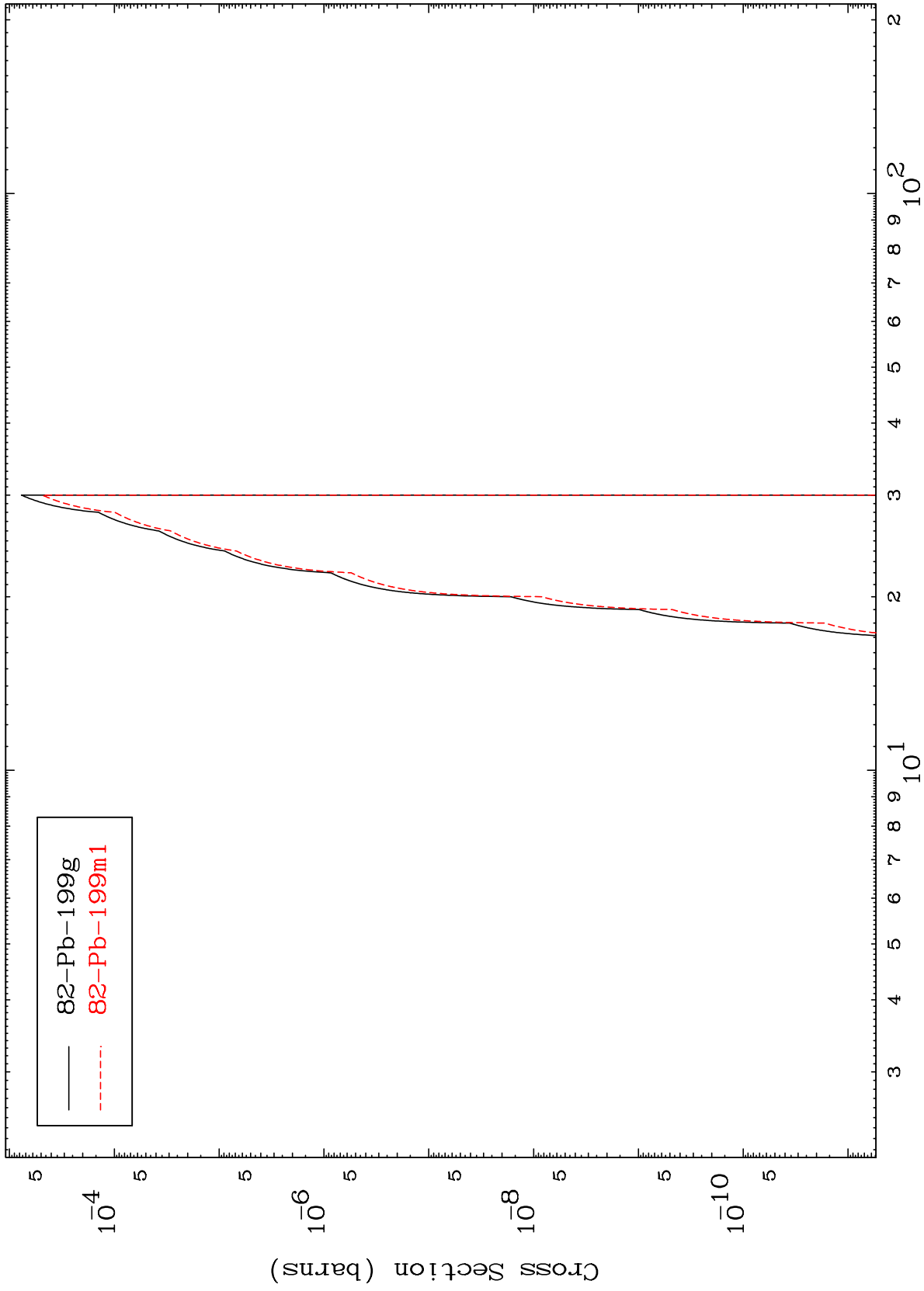
83-Bi-200



MAT 8299

83-Bi-200

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



24

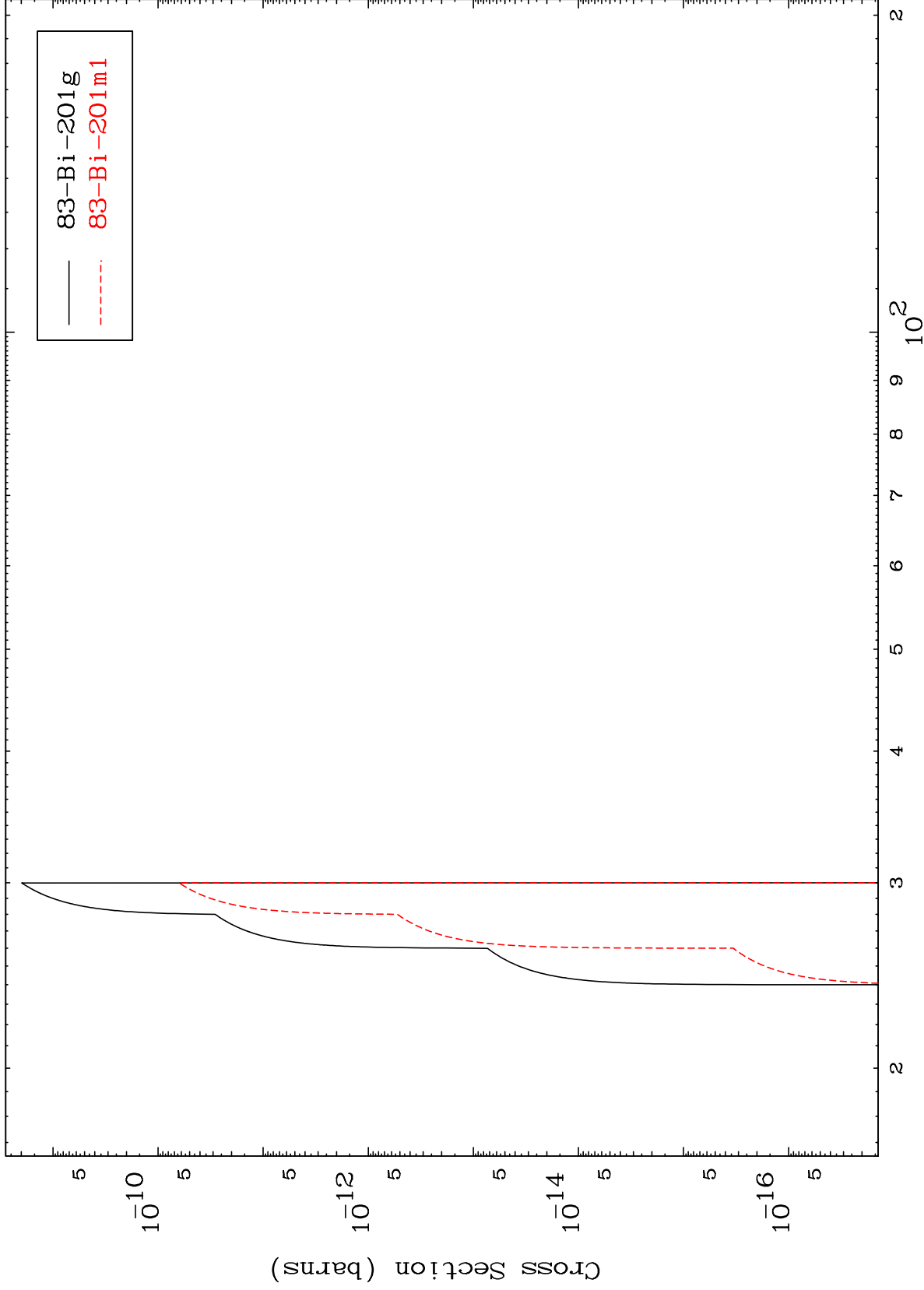
83-Bi-200

MAT 8299

( $\alpha, p$ ) d

$^{83}\text{Bi}-200$

Radionuclide Production Cross Section



25

Incident Energy (MeV)

$^{83}\text{Bi}-200$