

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

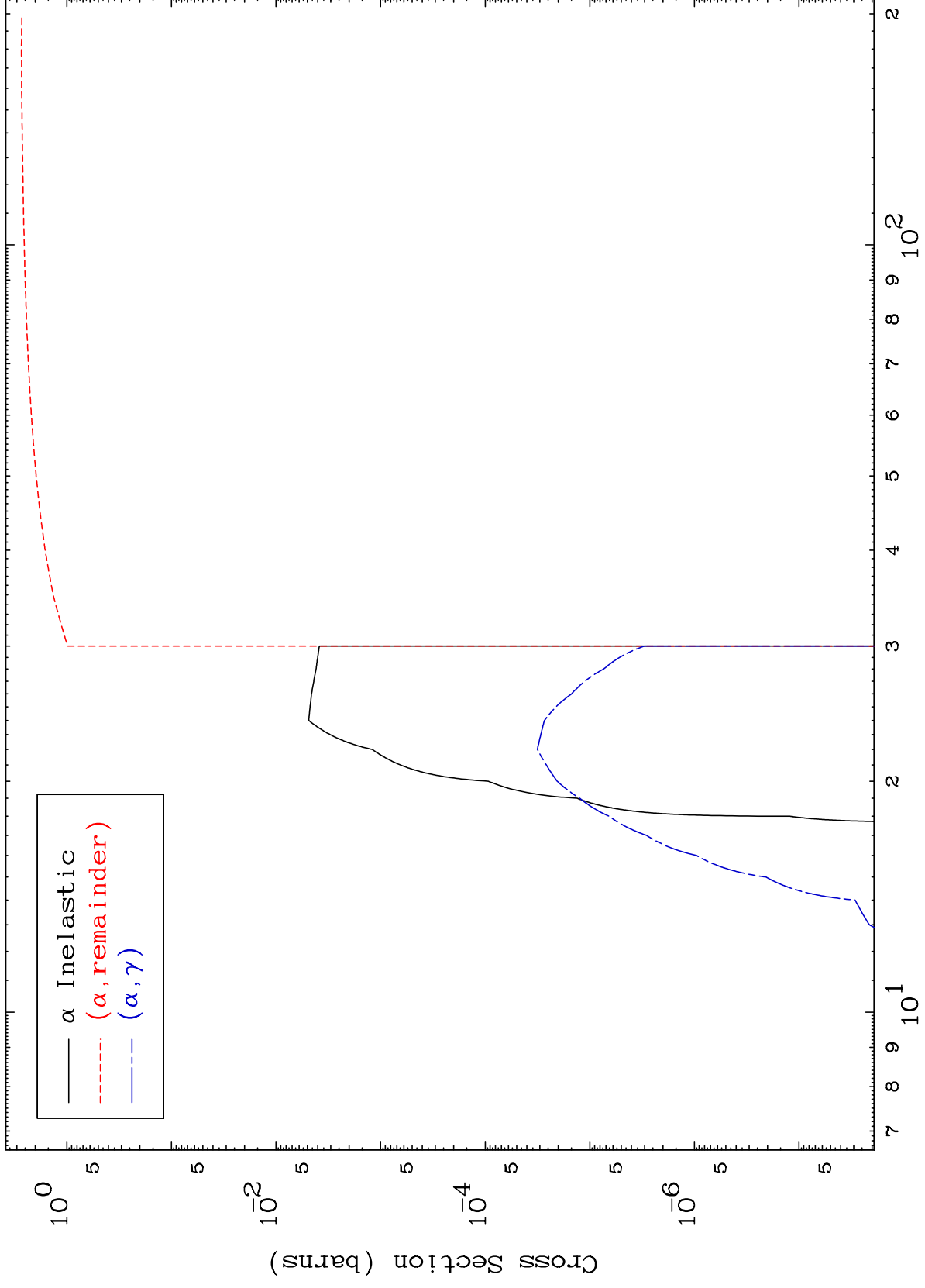
Press Mouse Button to Start

MAT 8278

$\alpha$  Major

83-Bi-193

0 Kelvin Cross Sections



1

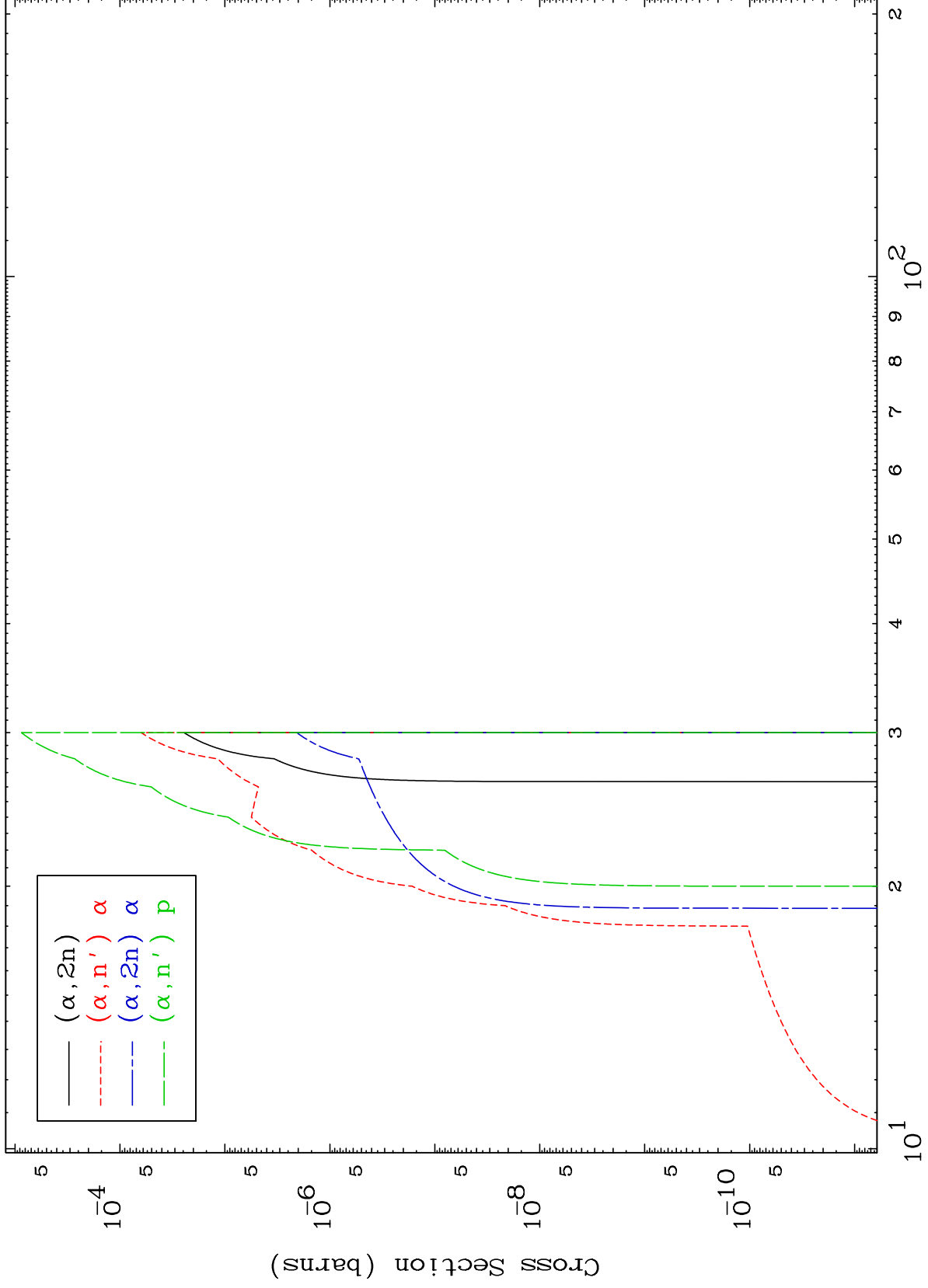
Incident Energy (MeV)

83-Bi-193

MAT 8278

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

83-Bi-193



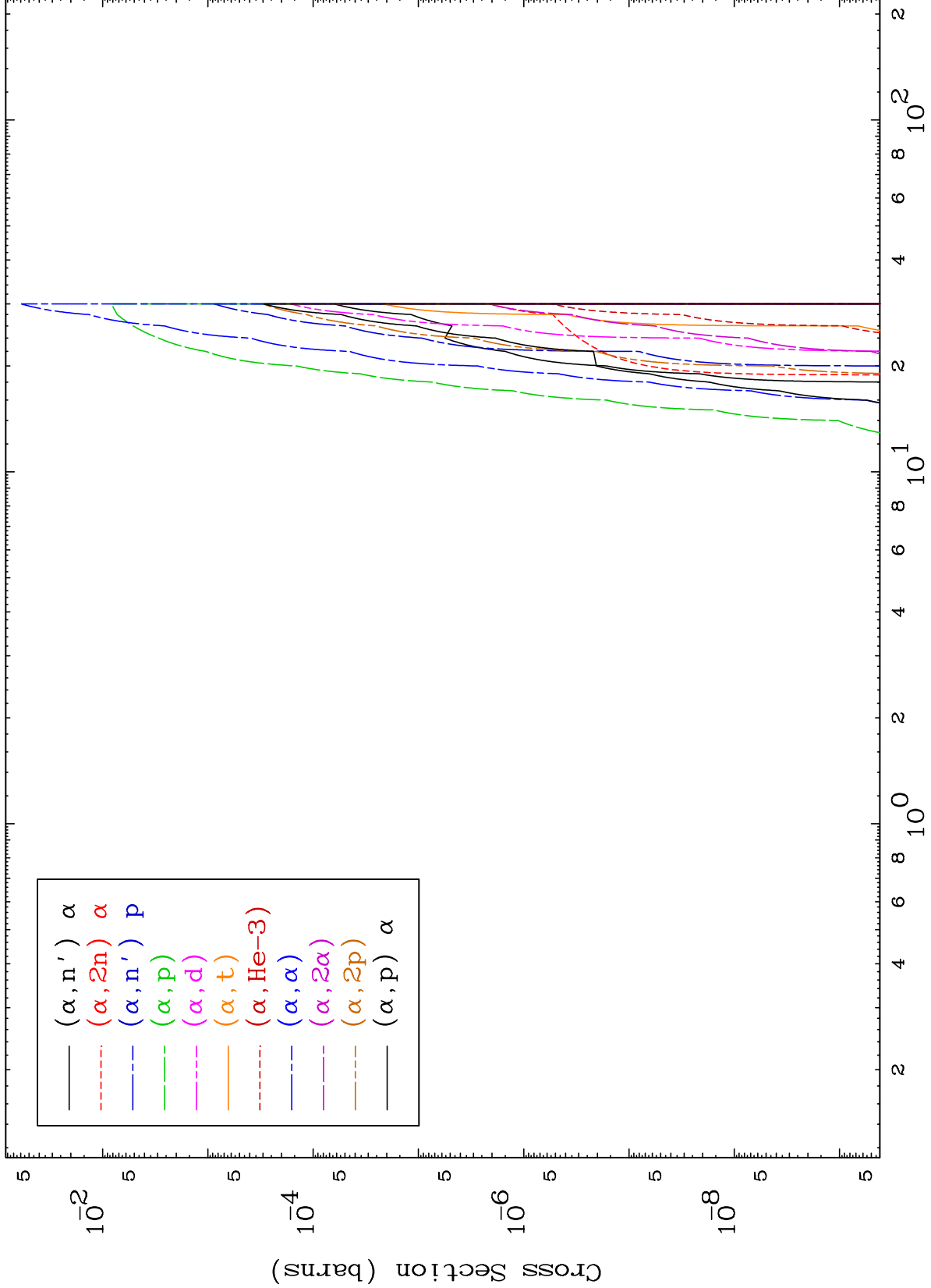
Incident Energy (MeV)

83-Bi-193

MAT 8278

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

83-Bi-193



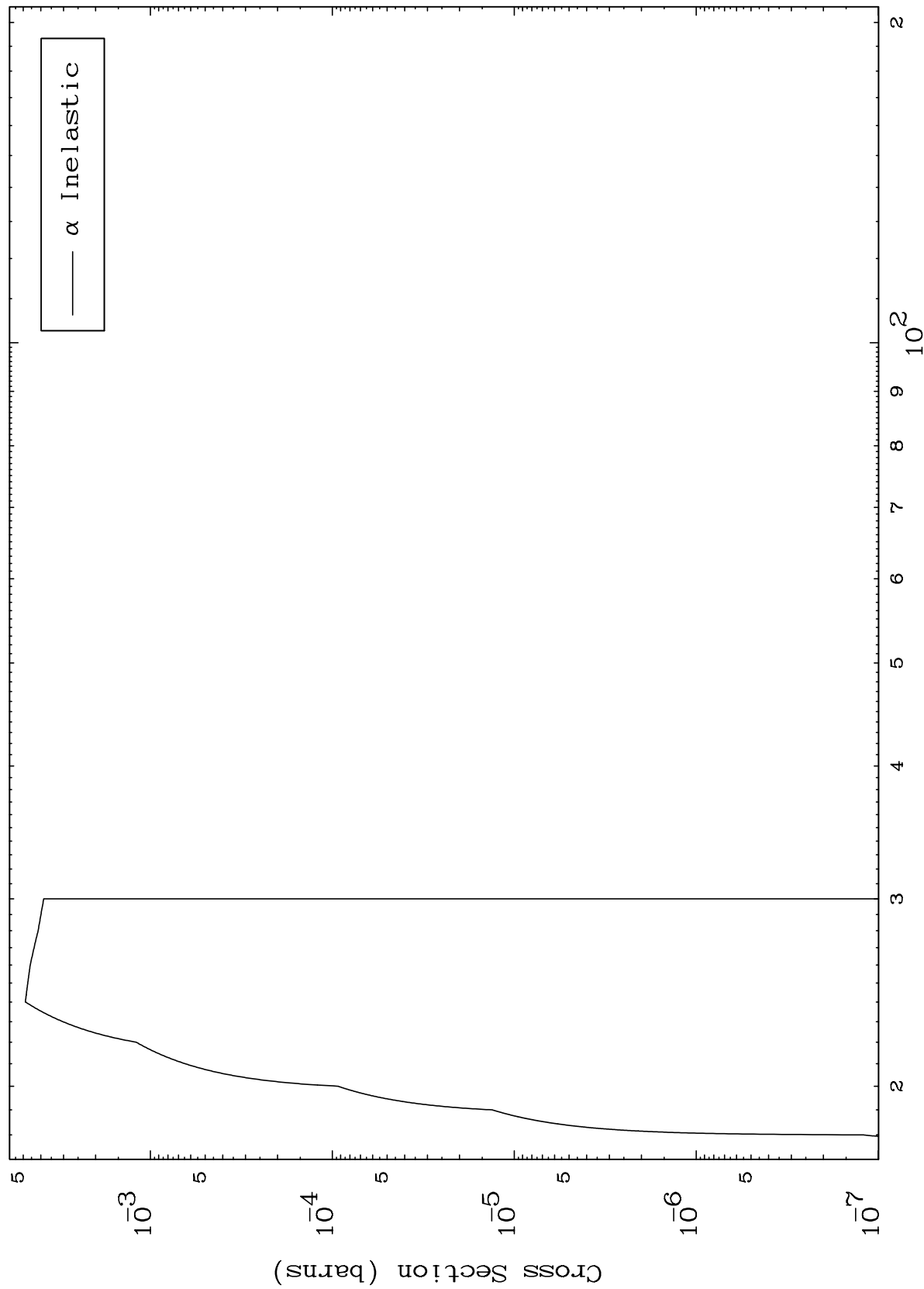
83-Bi-193

Incident Energy (MeV)

MAT 8278

83-Bi-193

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



83-Bi-193

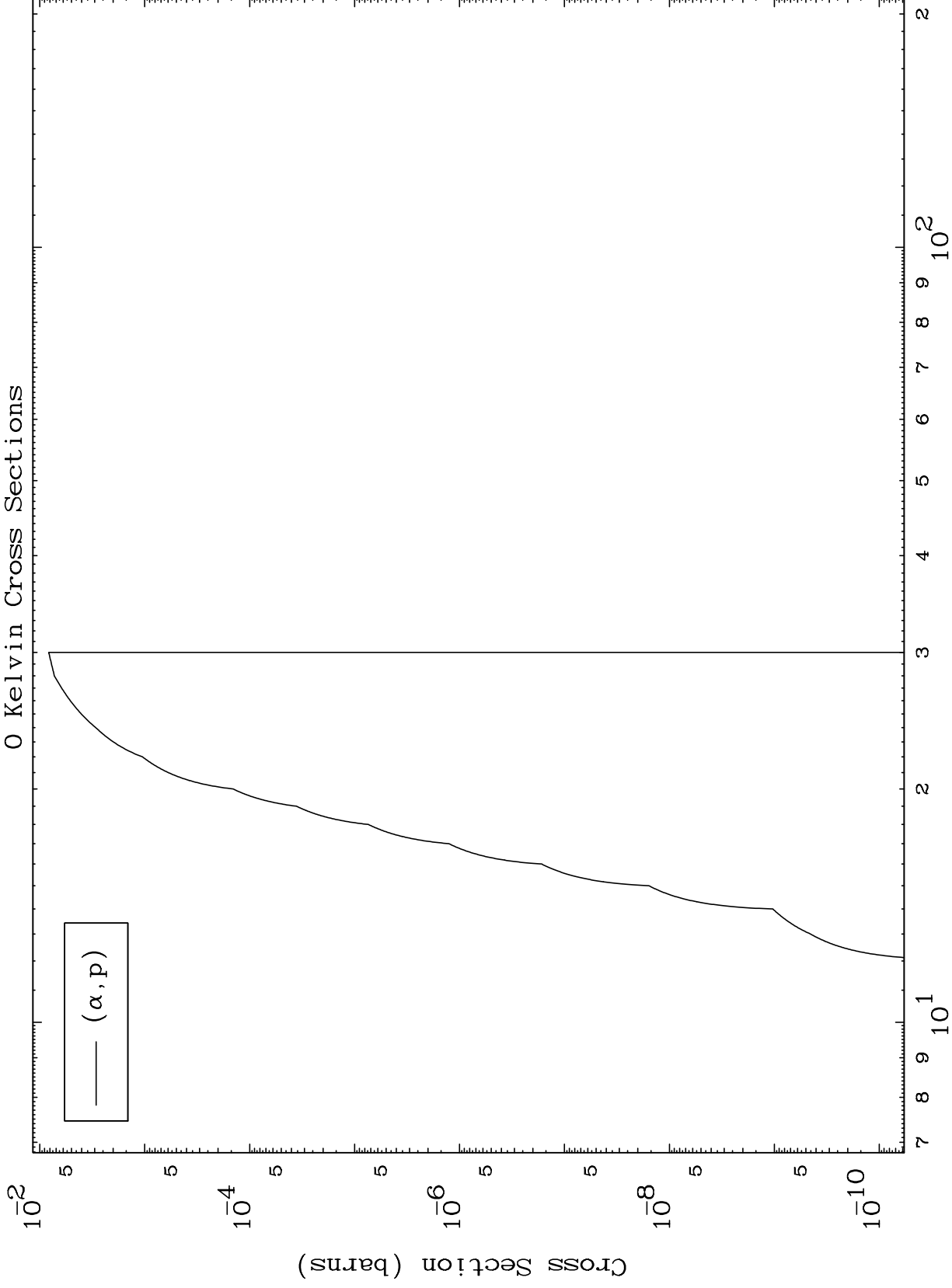
Incident Energy (MeV)

4

MAT 8278

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

83-Bi-193



Incident Energy (MeV)

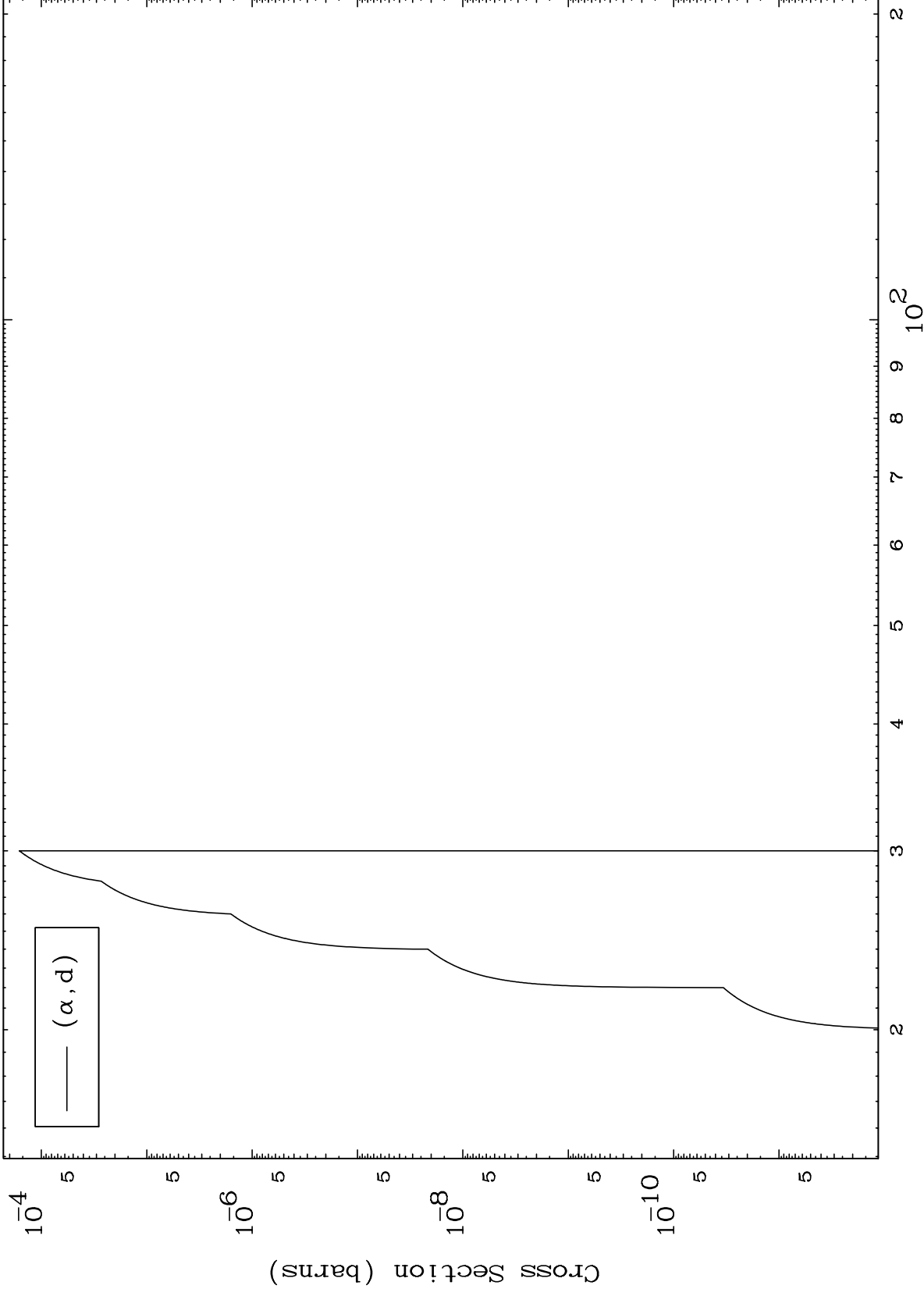
83-Bi-193

5

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

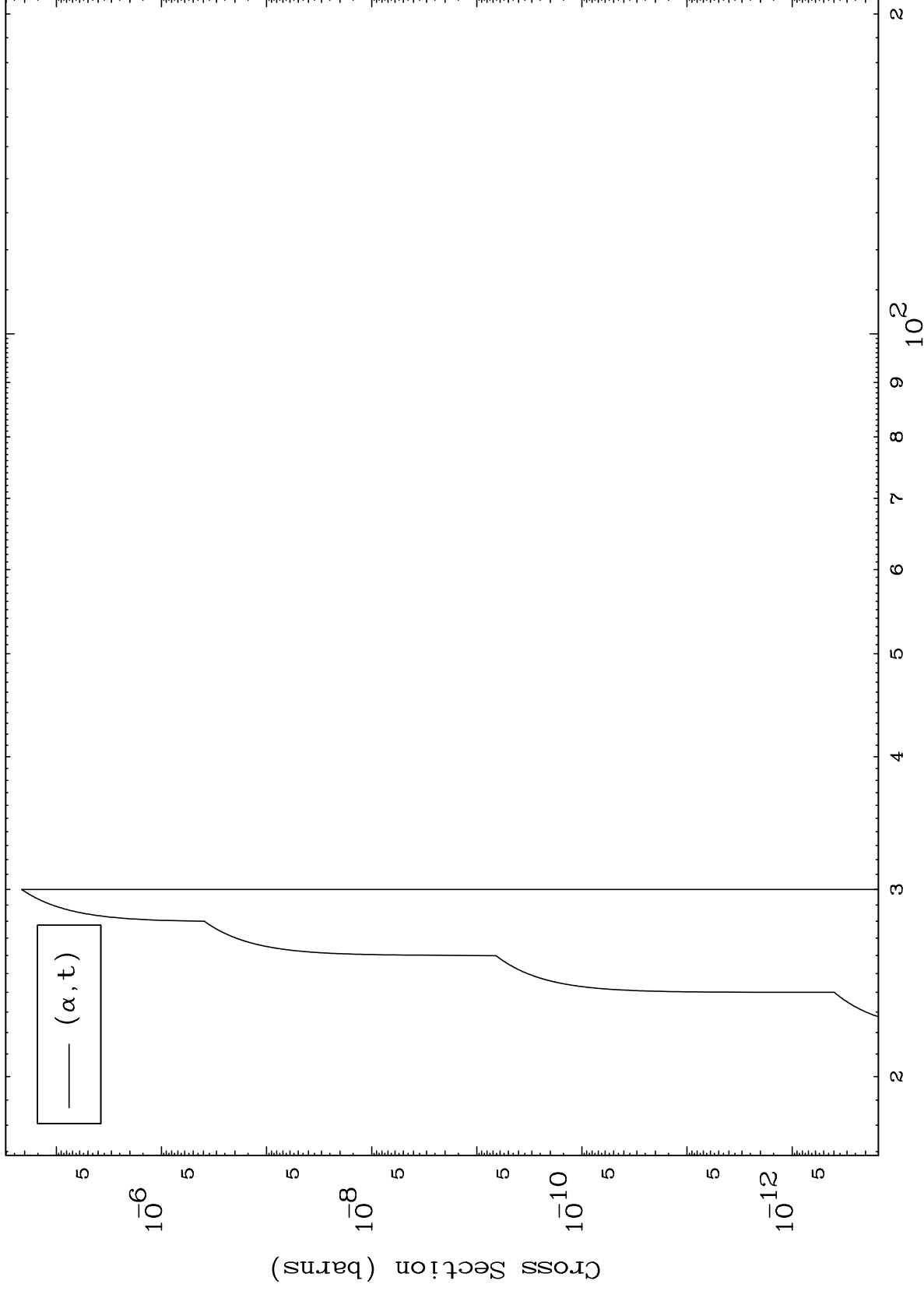
83-Bi-193



6

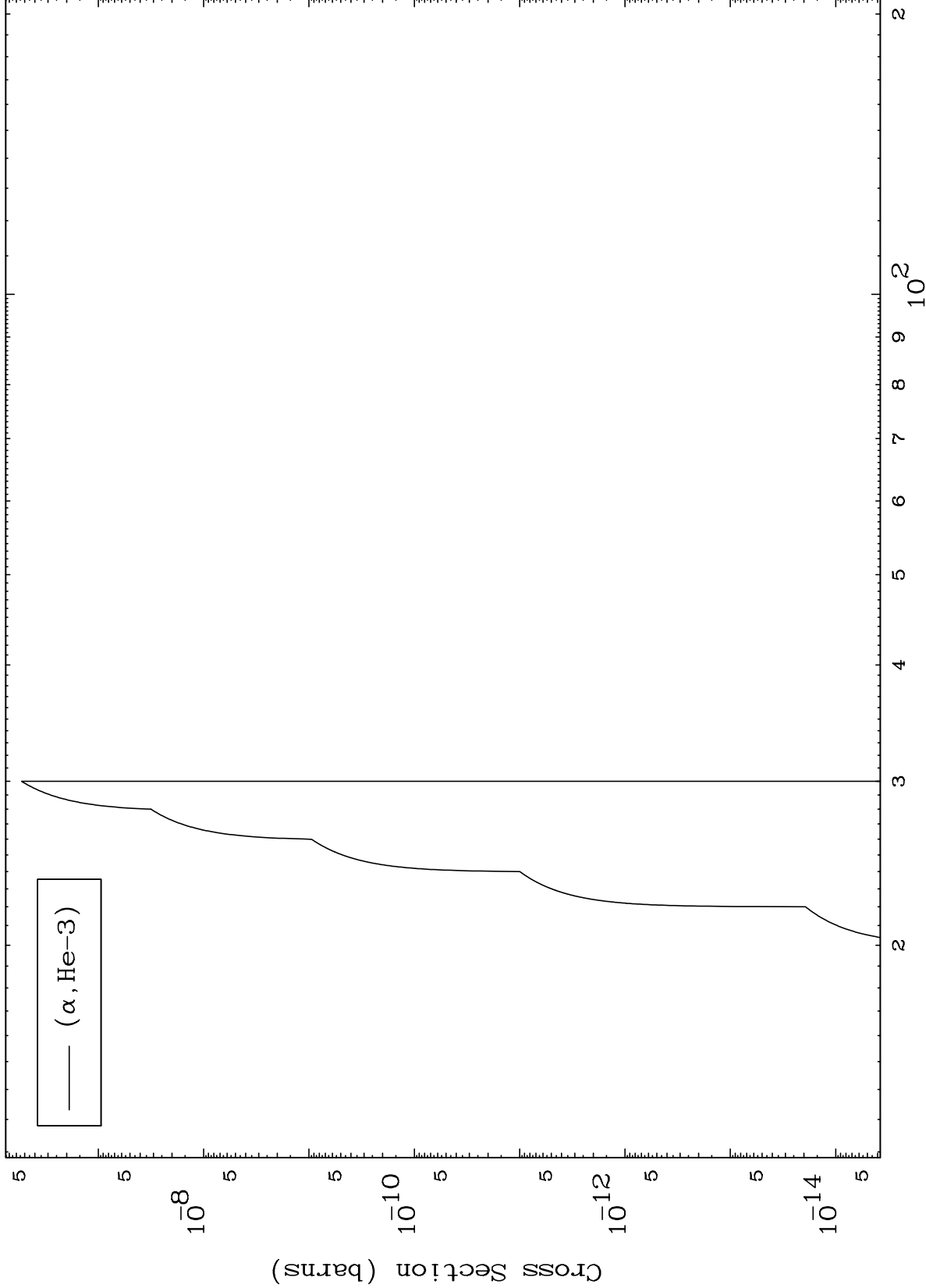
Incident Energy (MeV)

83-Bi-193





0 Kelvin Cross Sections

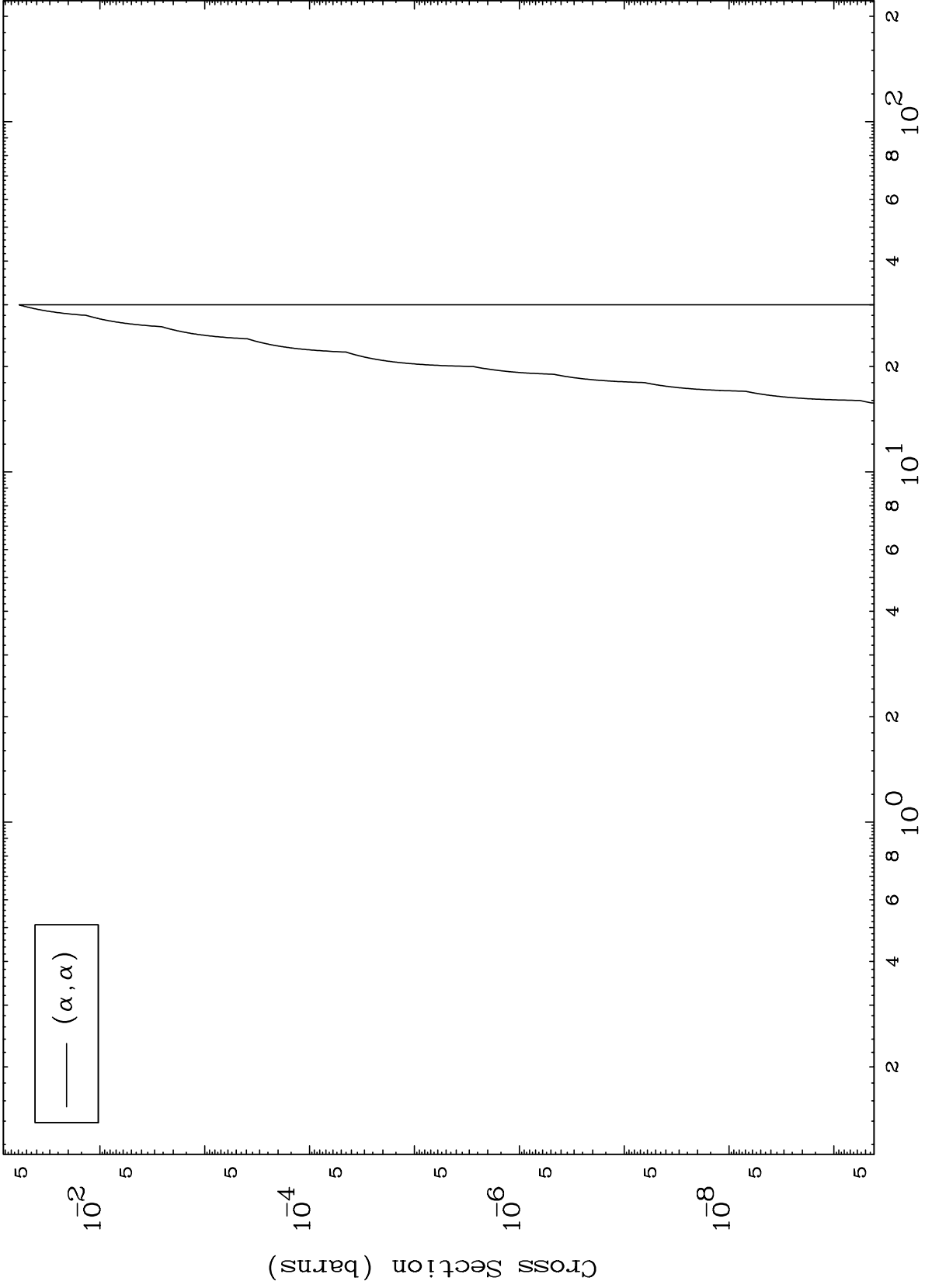


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( $\alpha, \alpha$ ) Levels

83-Bi-193

0 Kelvin Cross Sections

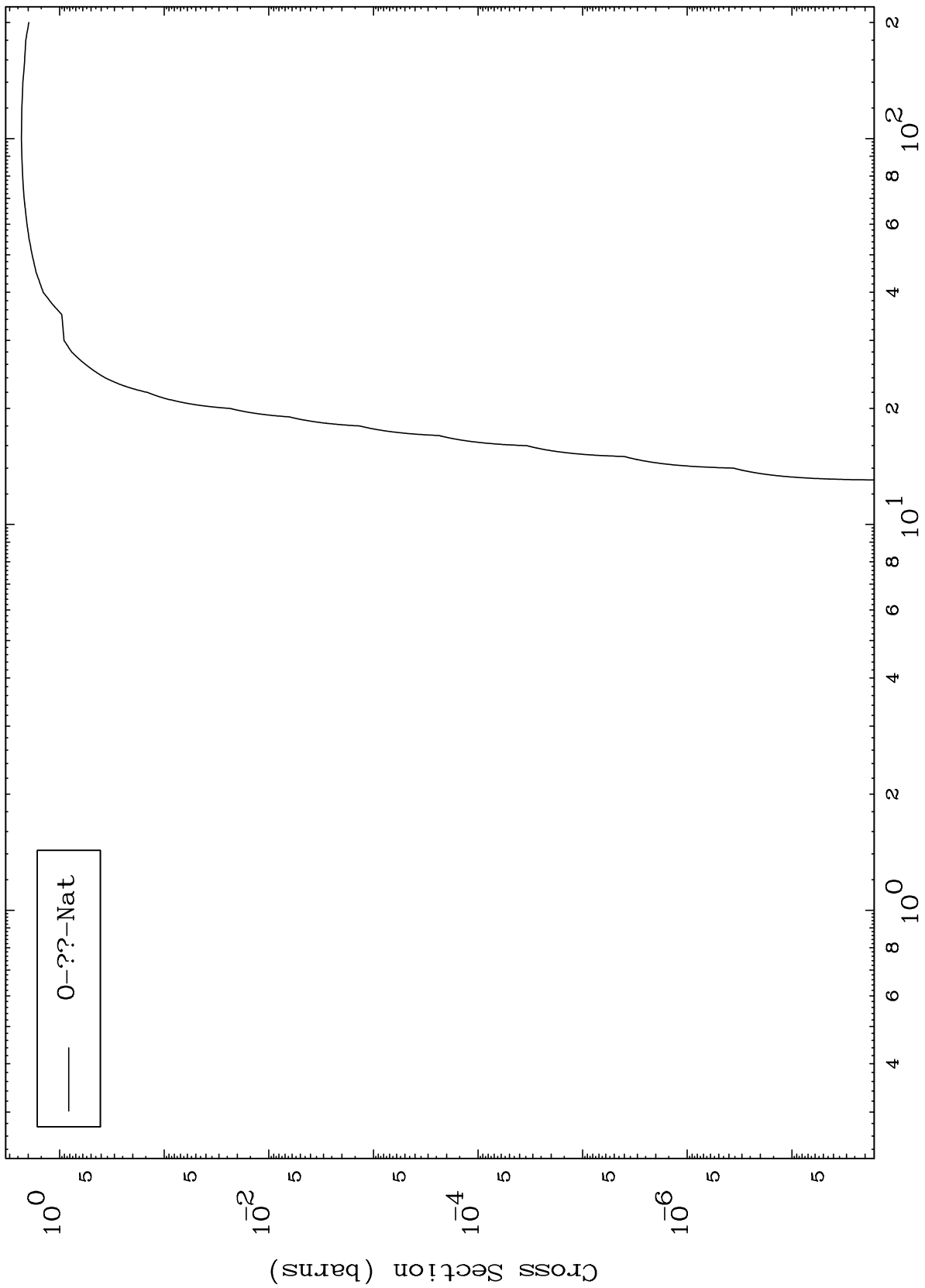


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83-Bi-193

$\alpha$  Fission

Radionuclide Production Cross Section



10

Incident Energy (MeV)

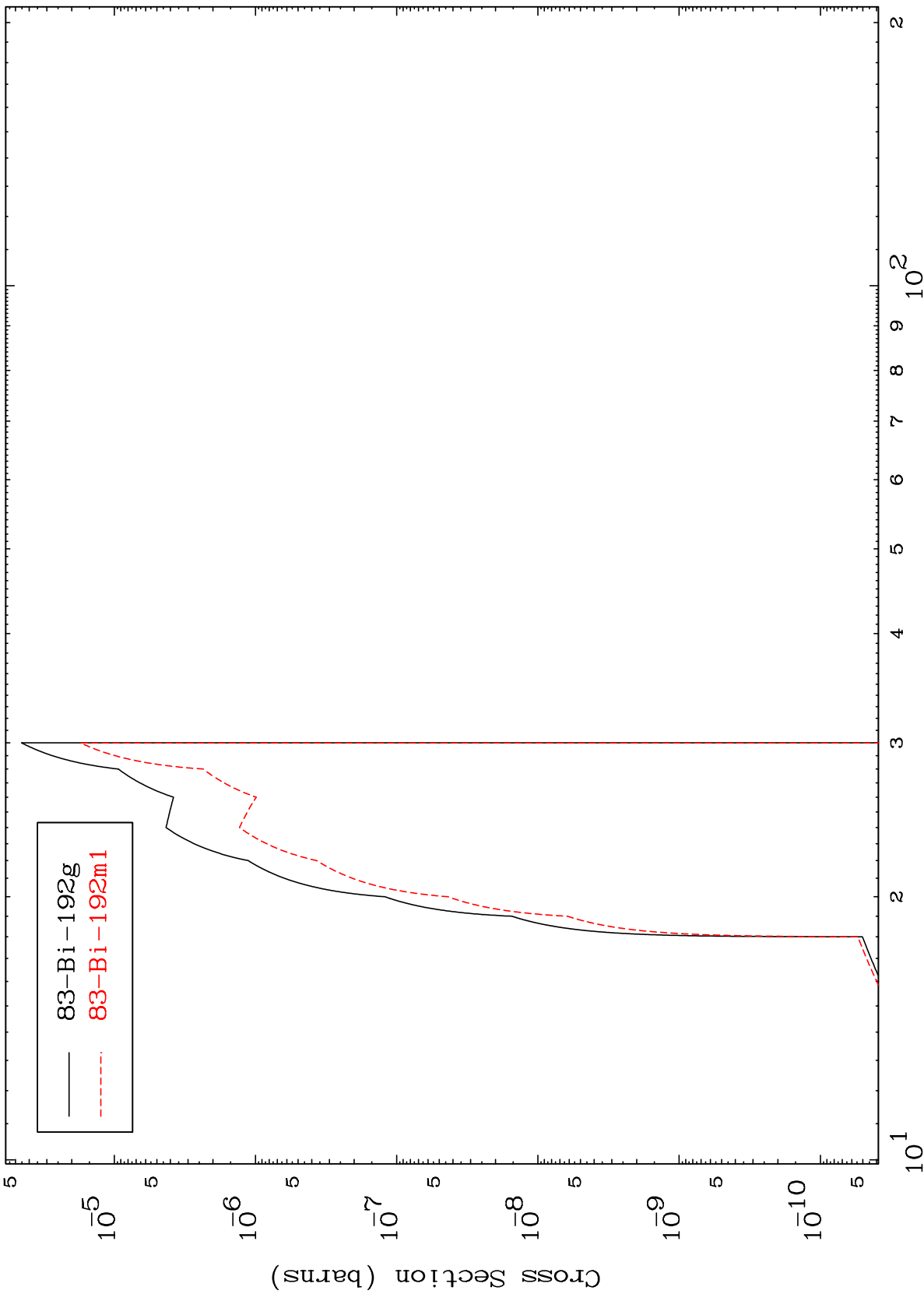
83-Bi-193

MAT 8278

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

83-Bi-193

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-193

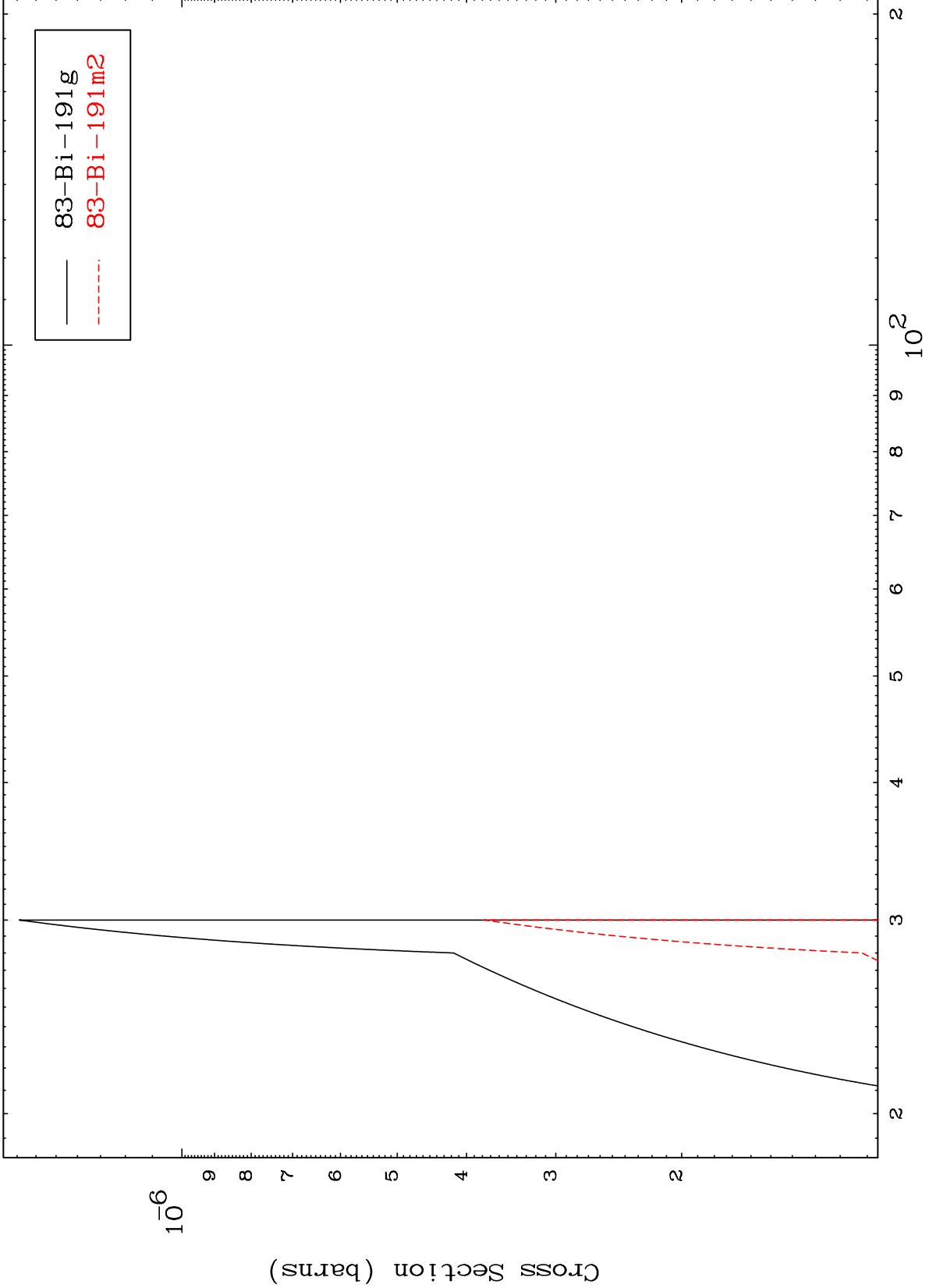
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$(\alpha, 2n)$   $\alpha$

83-Bi-193

Radionuclide Production Cross Section

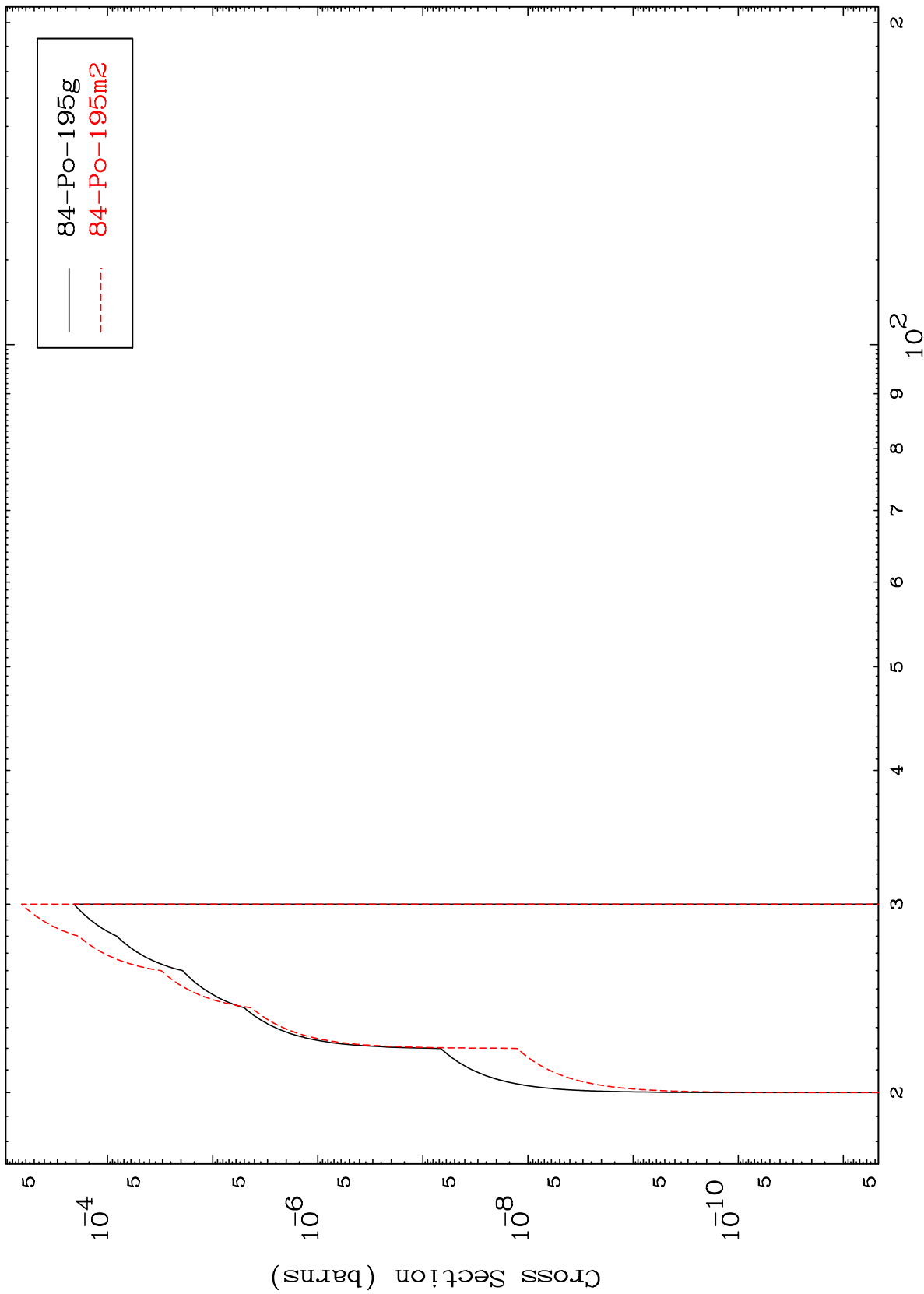


12

Incident Energy (MeV)

83-Bi-193

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

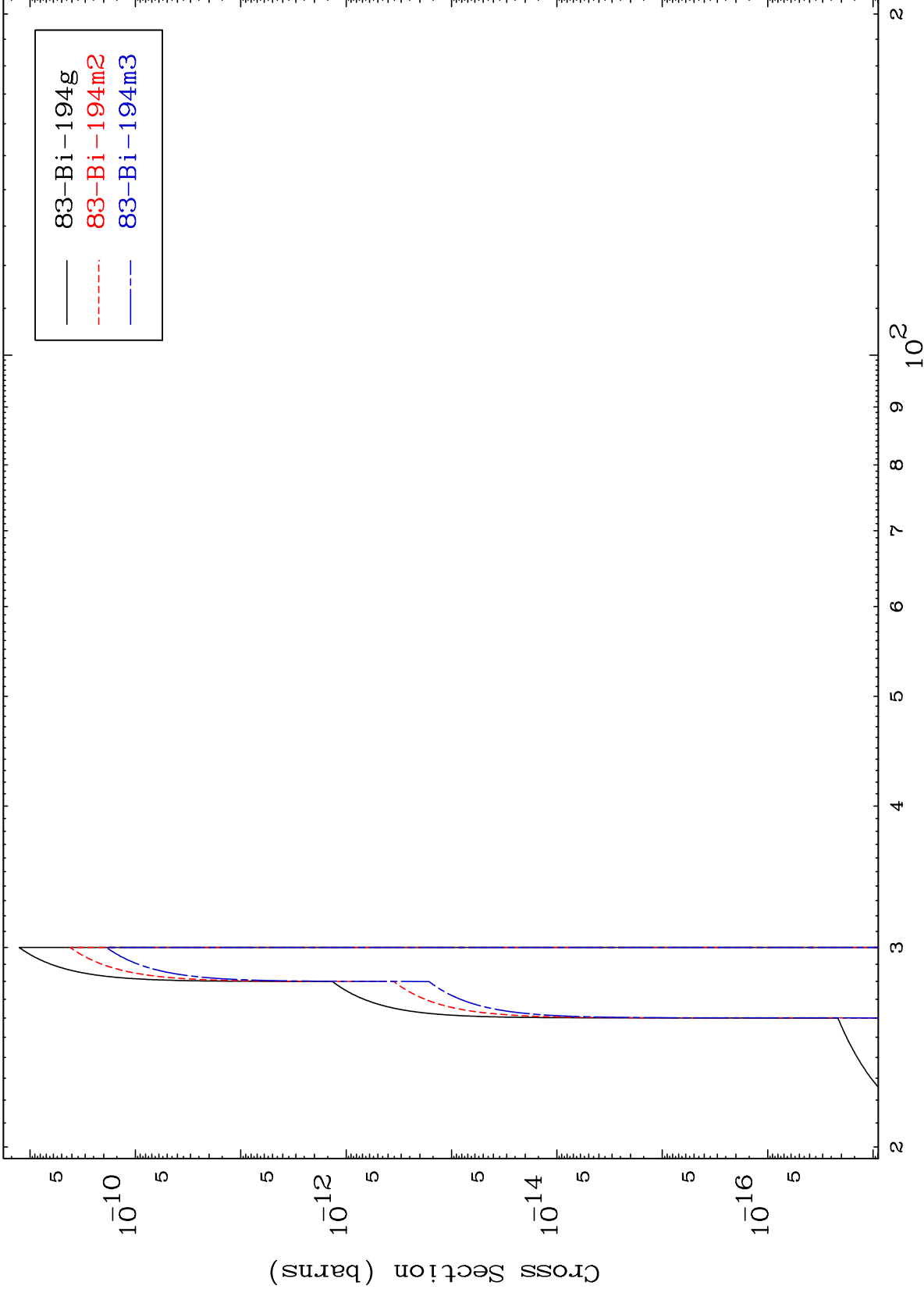


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$(\alpha, 2n)$  p

83-Bi-193

Radionuclide Production Cross Section



14

Incident Energy (MeV)

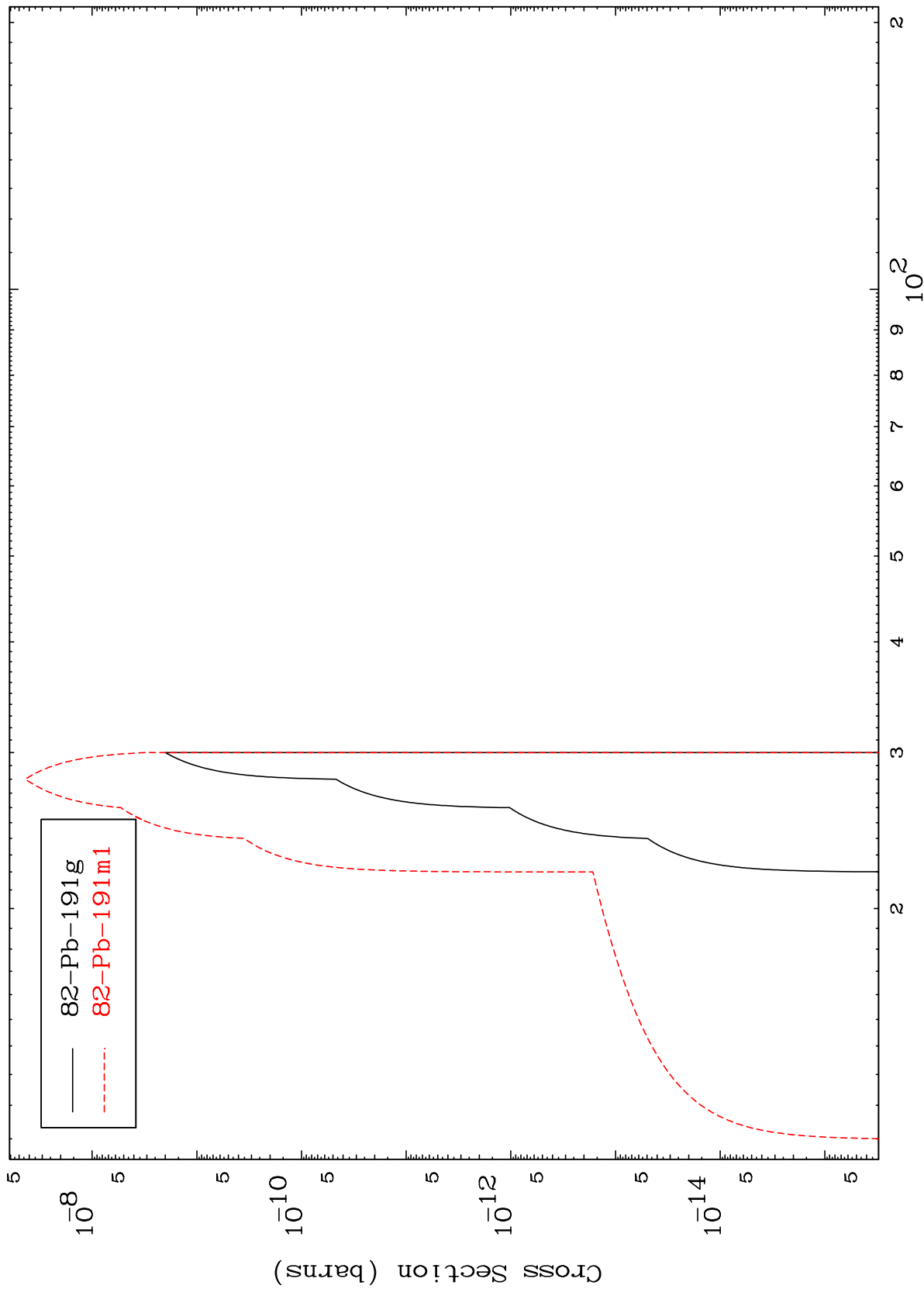
83-Bi-193

MAT 8278

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

83-Bi-193

Radionuclide Production Cross Section

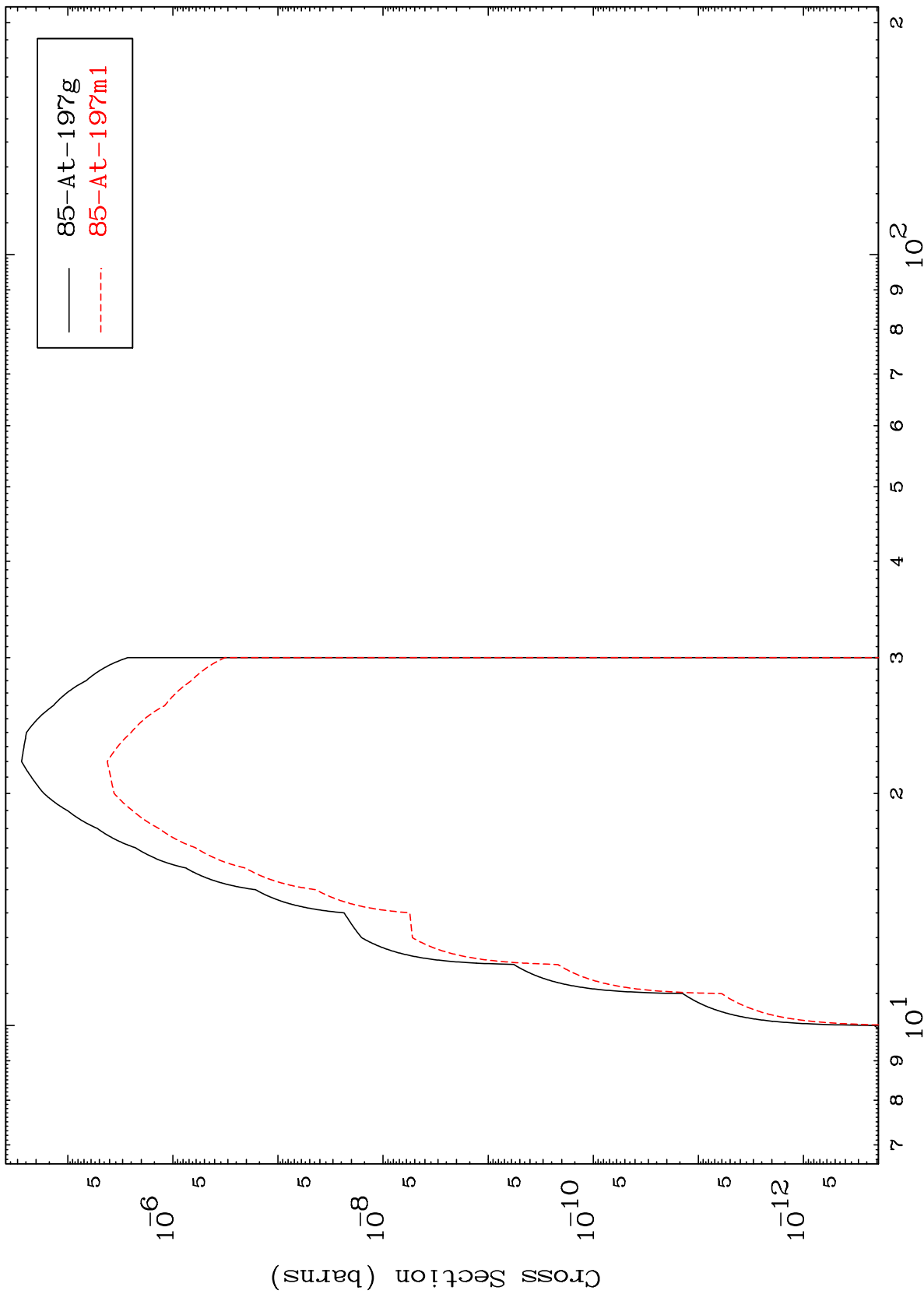




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83-Bi-193

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



16

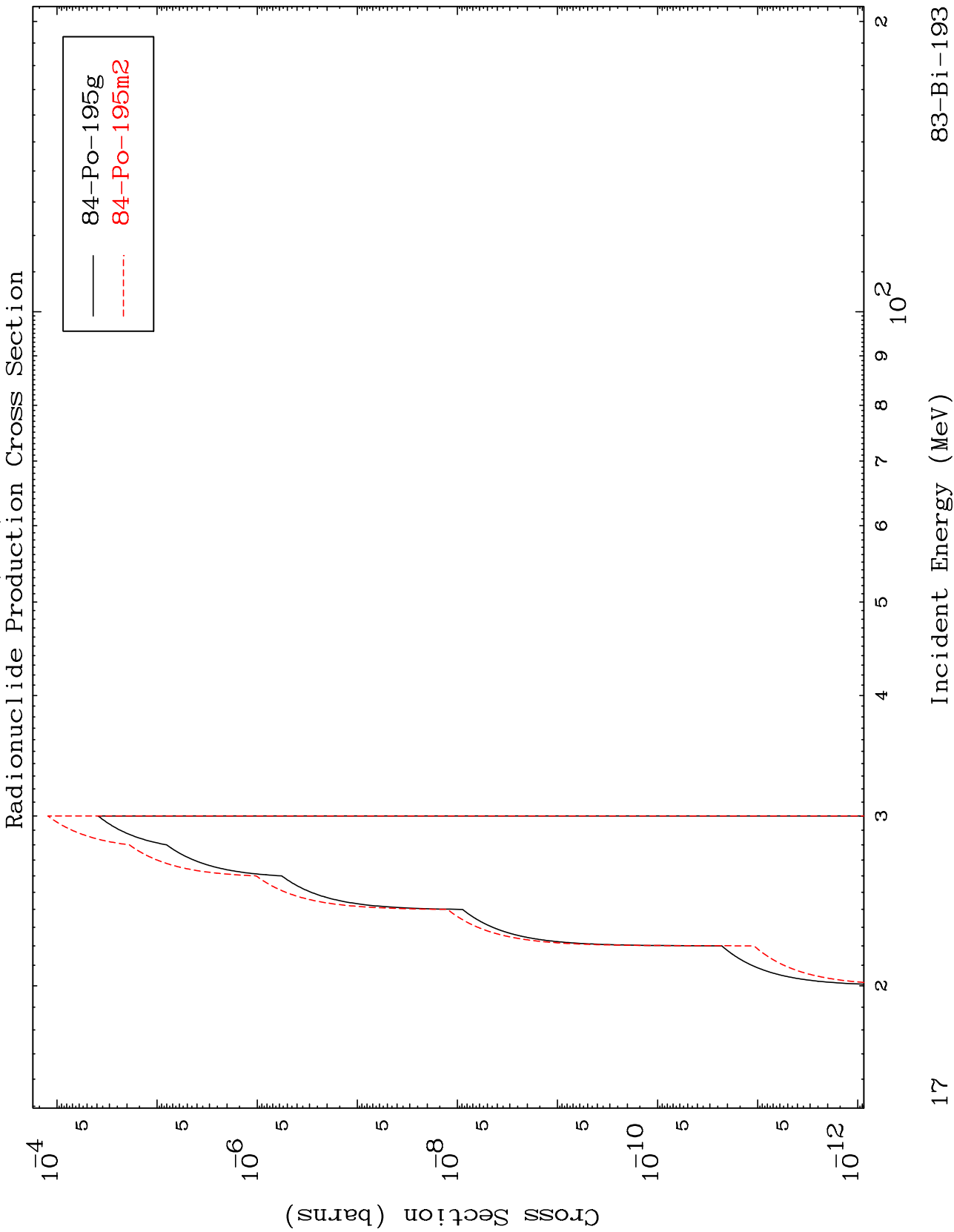
83-Bi-193

Incident Energy (MeV)

MAT 8278

( $\alpha, d$ )

83-Bi-193



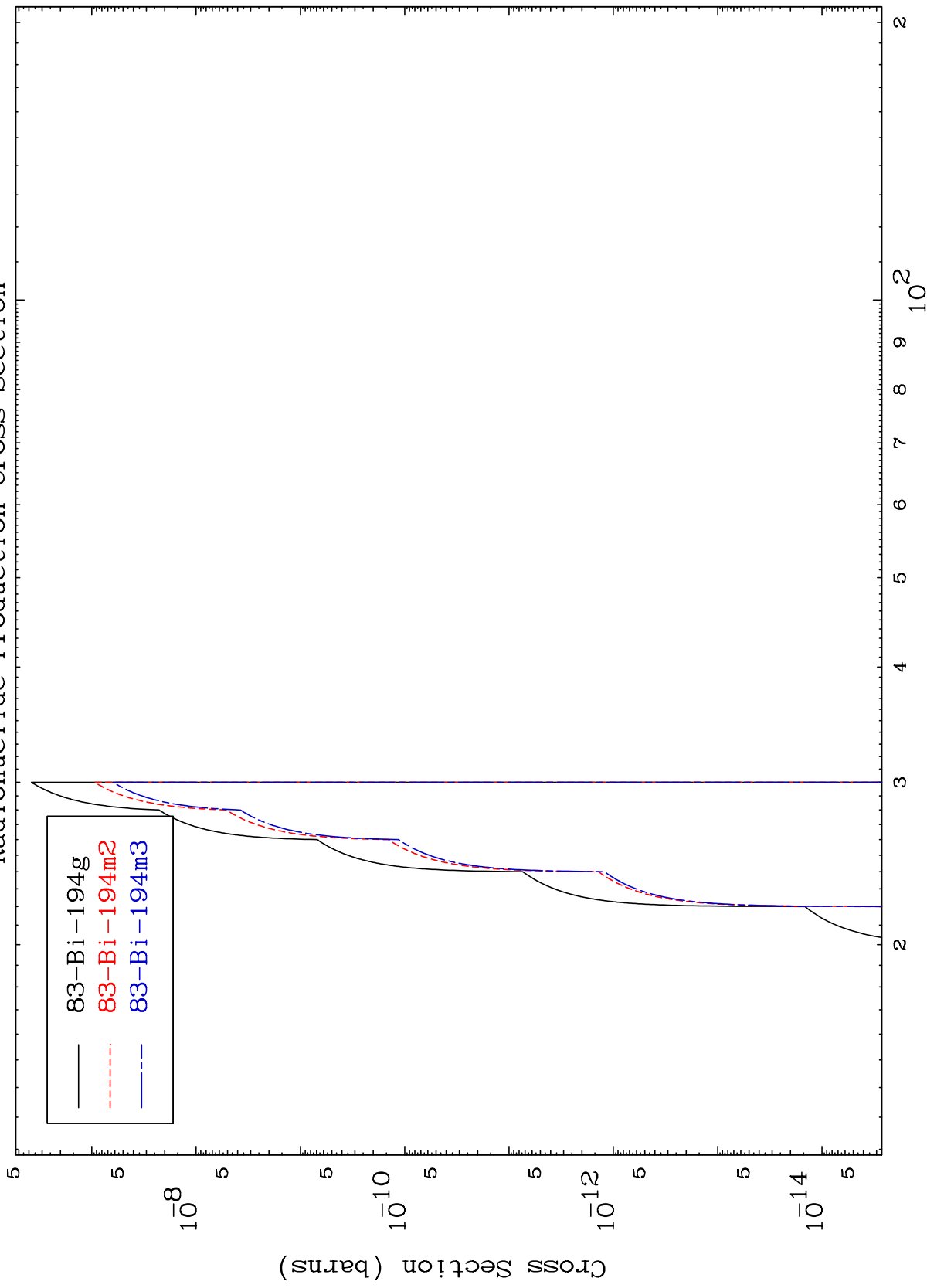
17

83-Bi-193

MAT 8278

83-Bi-193

( $\alpha, \text{He-3}$ )  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

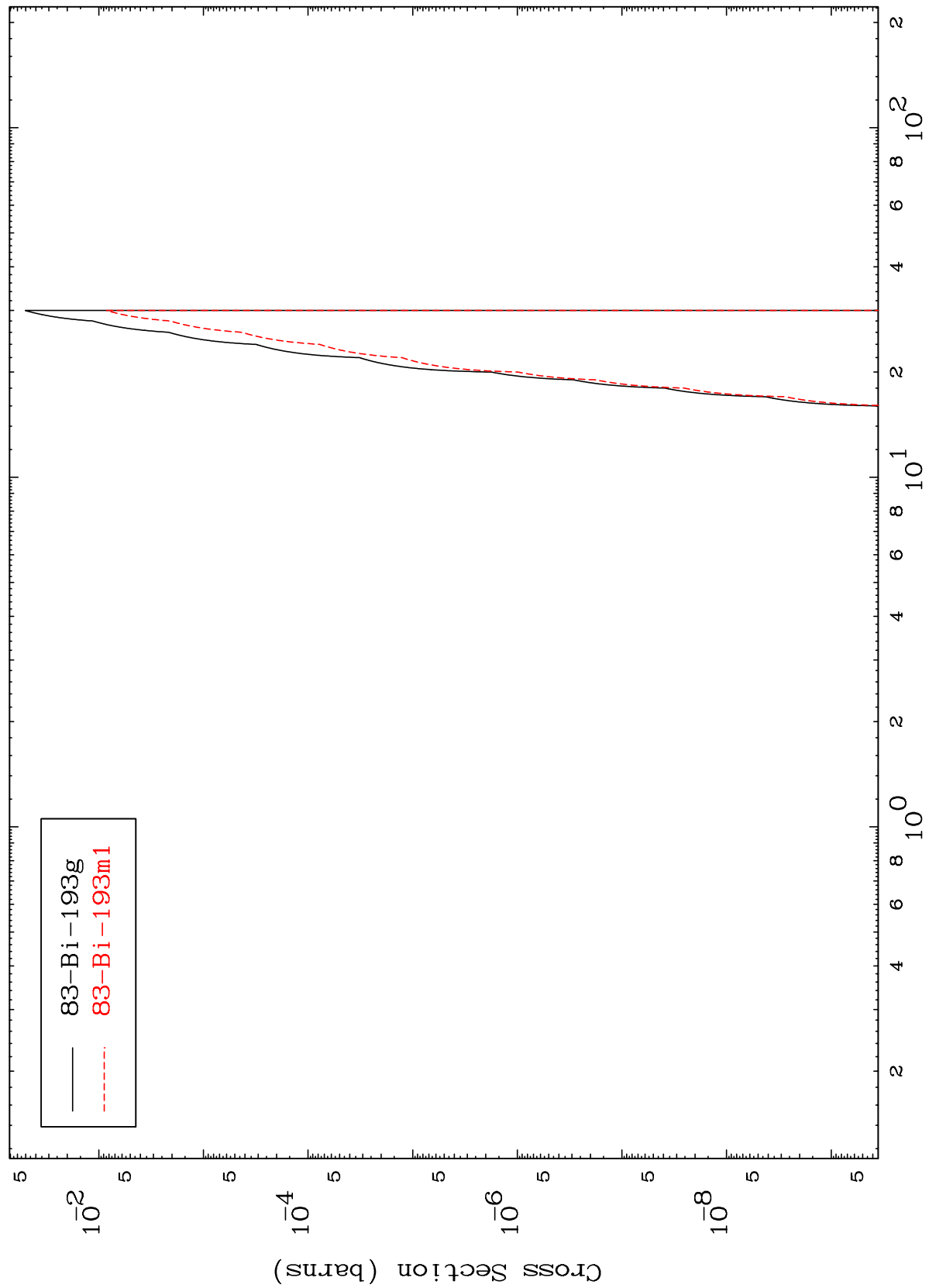
83-Bi-193

MAT 8278

83-Bi-193

( $\alpha, \alpha$ )

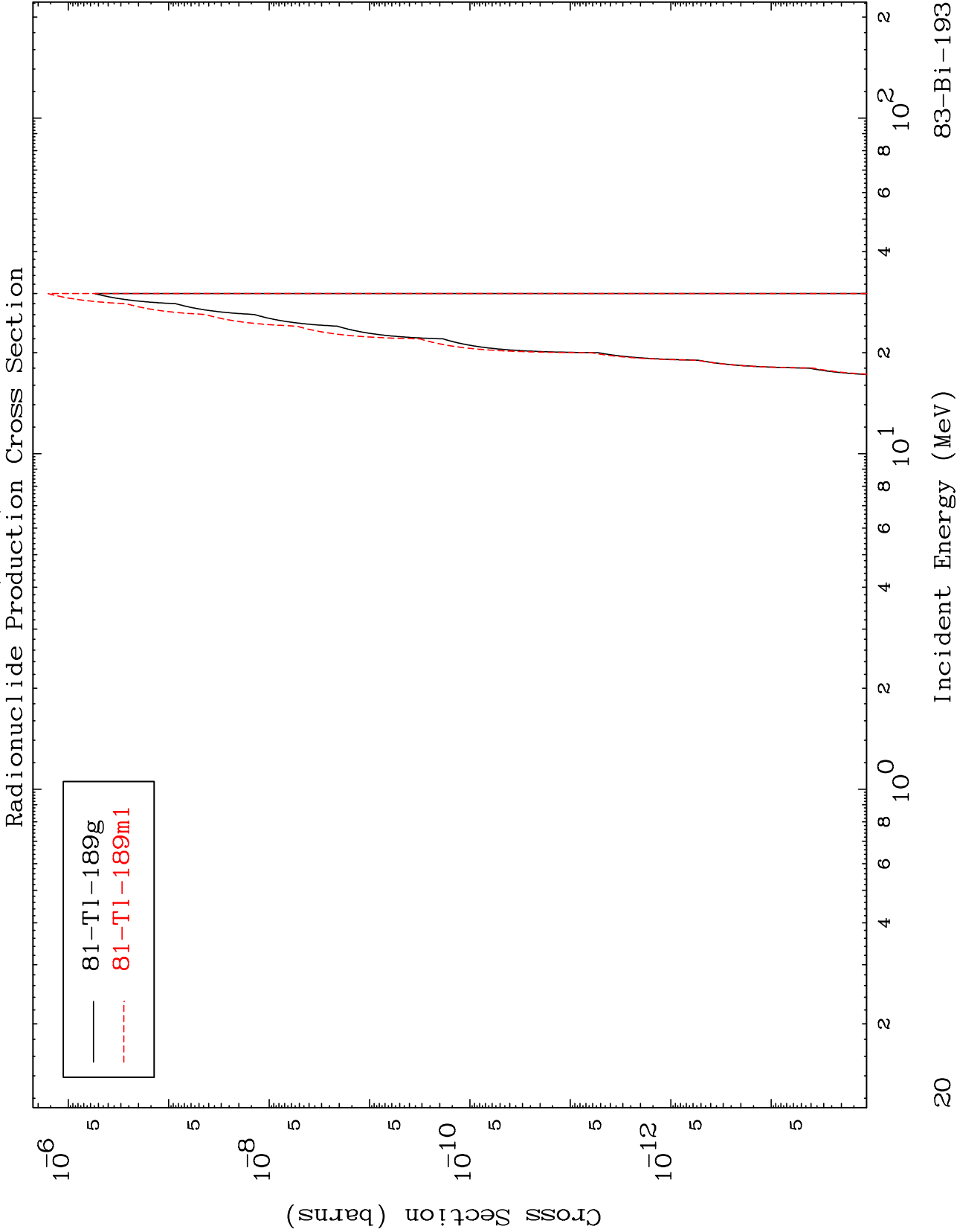
Radionuclide Production Cross Section



MAT 8278

( $\alpha, 2\alpha$ )

83-Bi-193

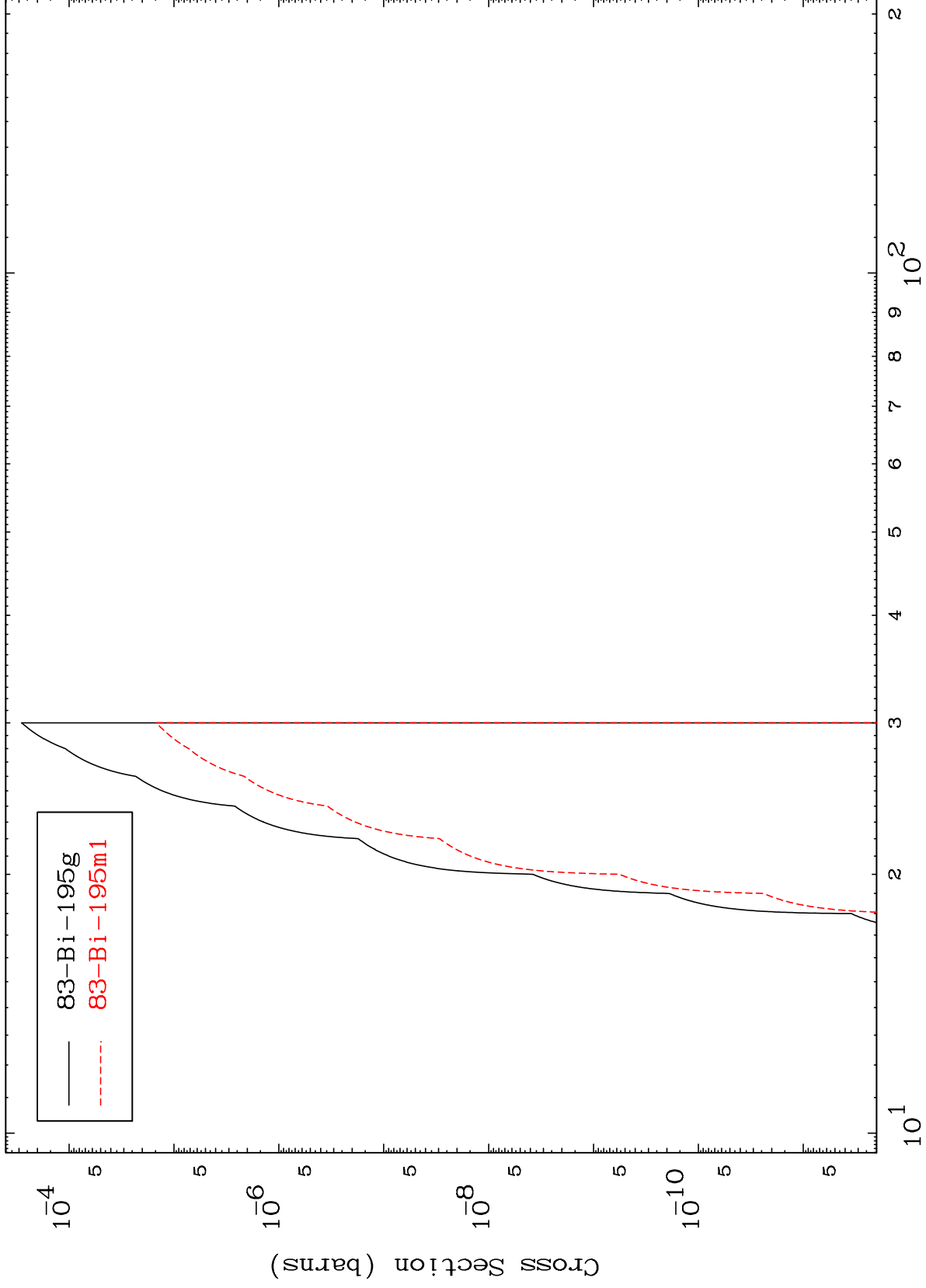


81-Tl-189g  
81-Tl-189m1

MAT 8278

83-Bi-193

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



83-Bi-193

Incident Energy (MeV)

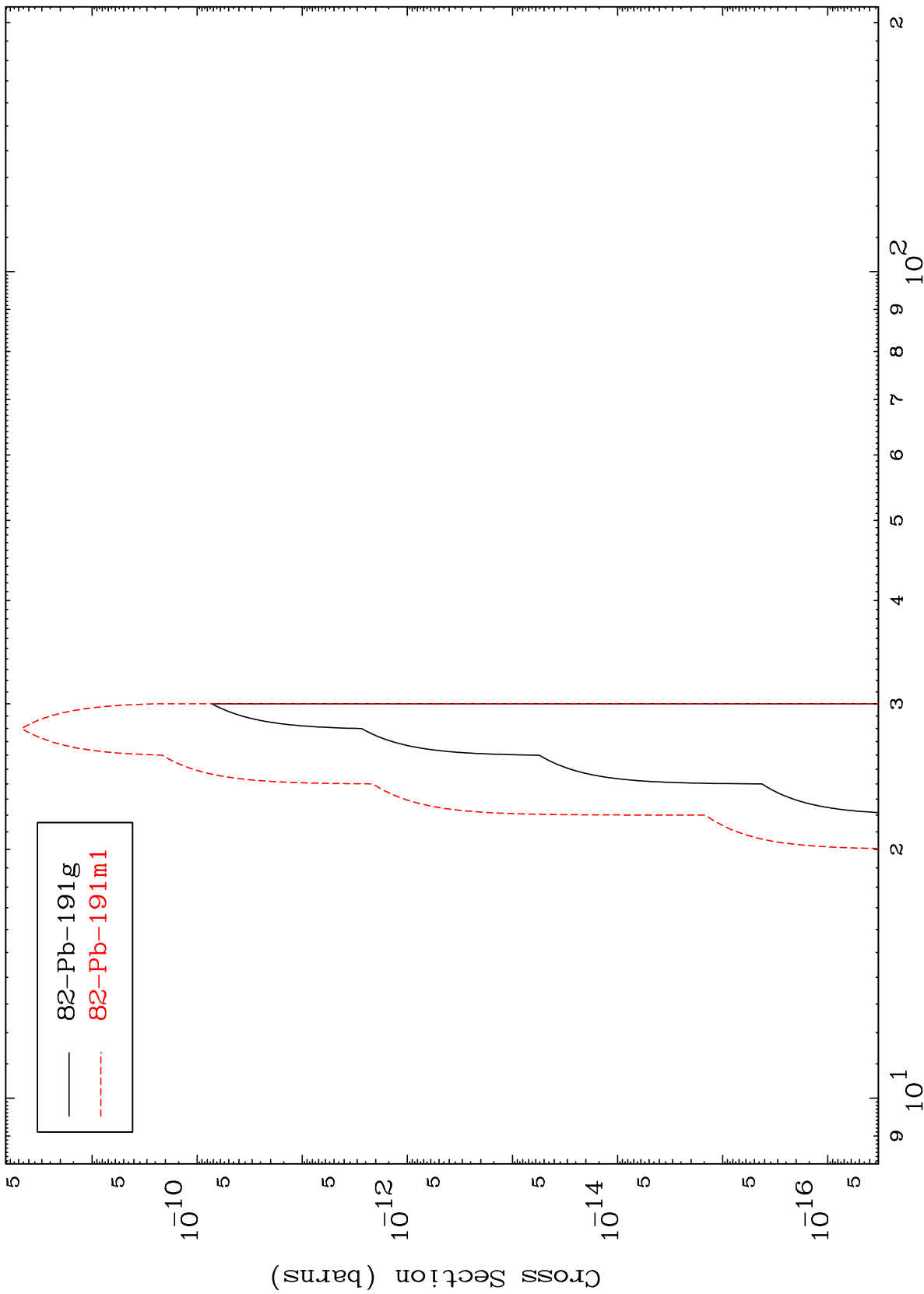
21

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( $\alpha, d$ )  $\alpha$

83-Bi-193

Radionuclide Production Cross Section



22

Incident Energy (MeV)

83-Bi-193