

Program EVALPLOT  
(Version 2018-1)

by

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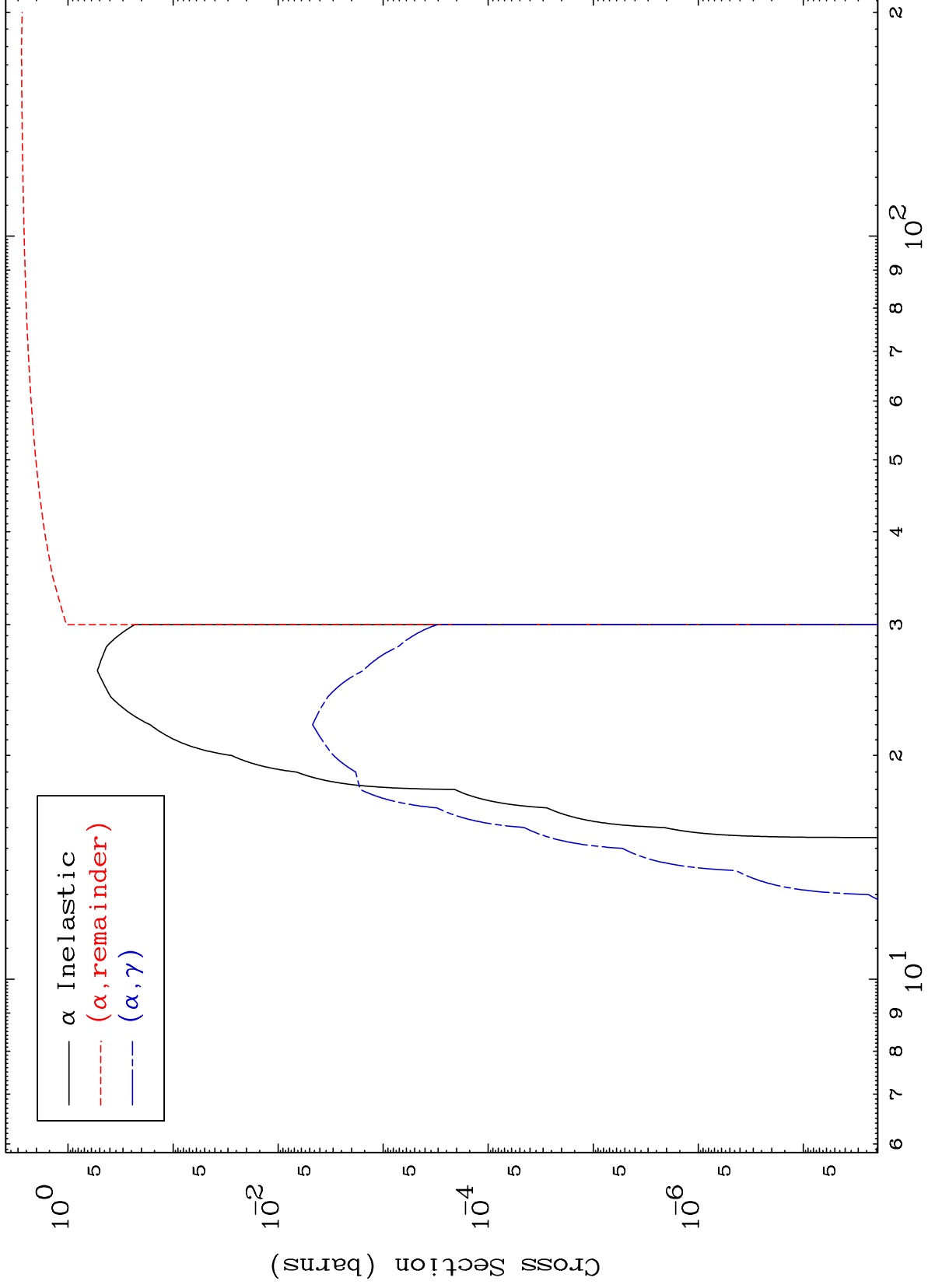
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8301

0 Kelvin  $\alpha$  Major  
Cross Sections

83-Bi-201



1

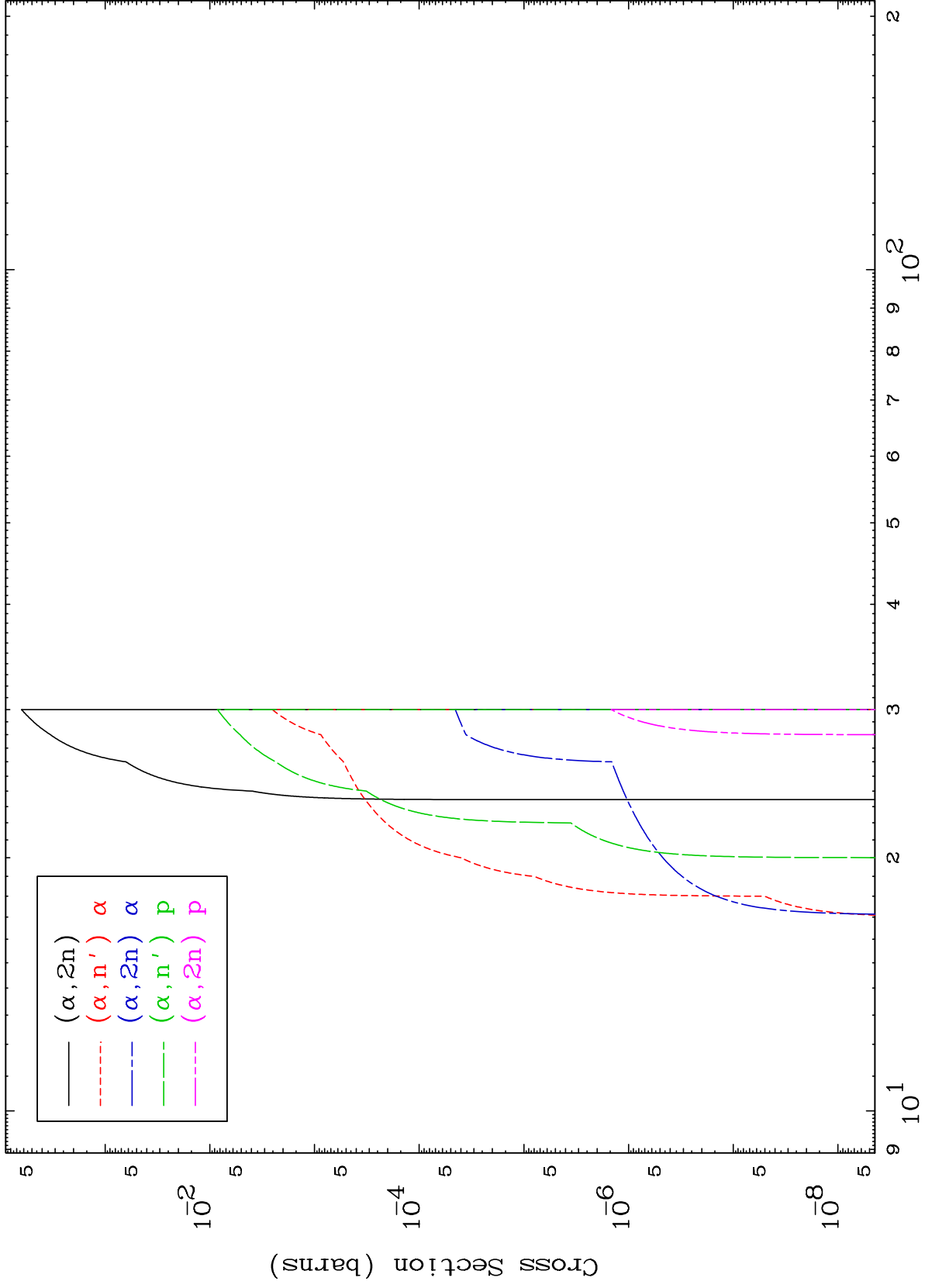
Incident Energy (MeV)

83-Bi-201

MAT 8301

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

83-Bi-201



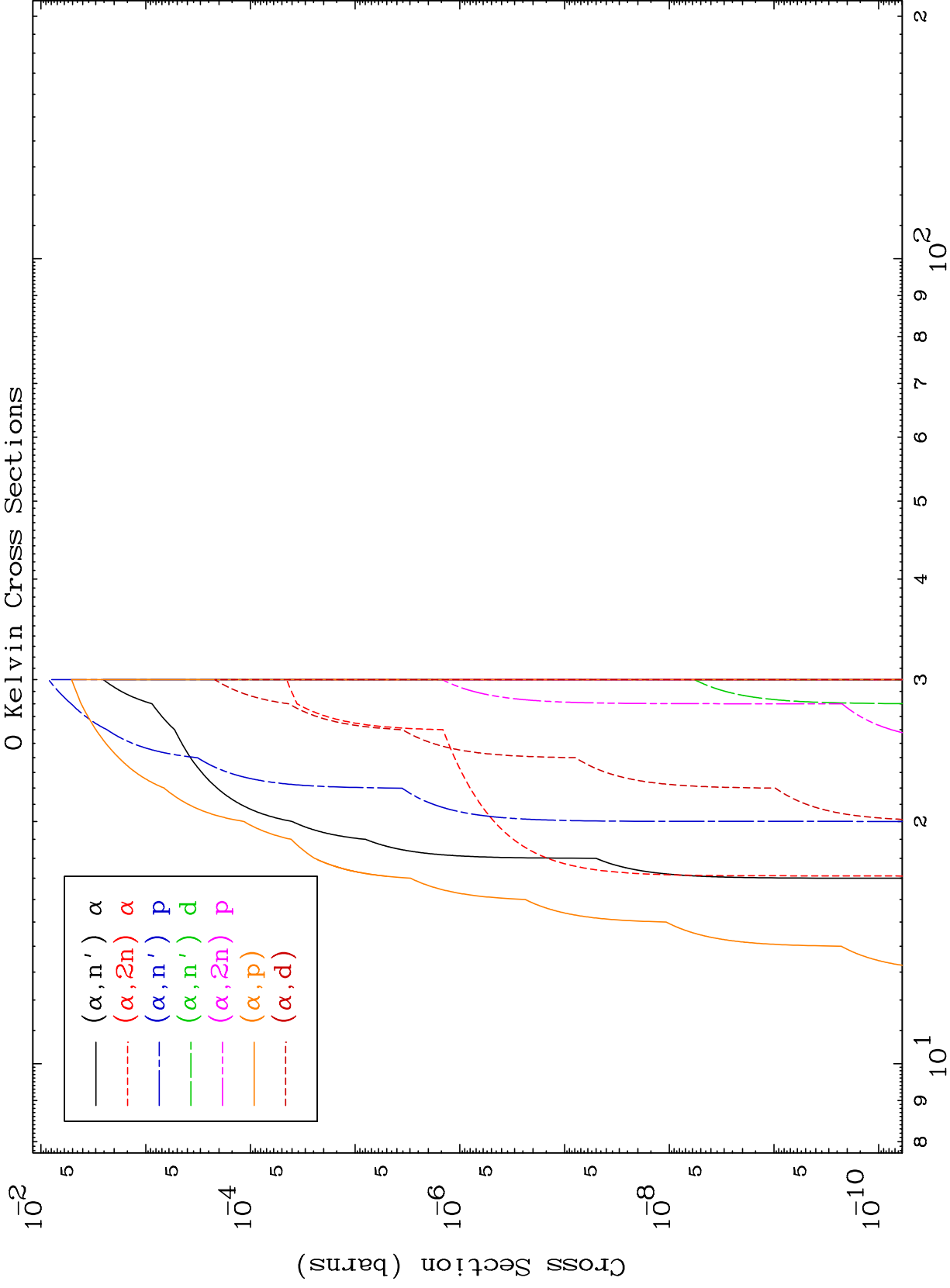
Incident Energy (MeV)

83-Bi-201

MAT 8301

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

83-Bi-201



Incident Energy (MeV)

83-Bi-201

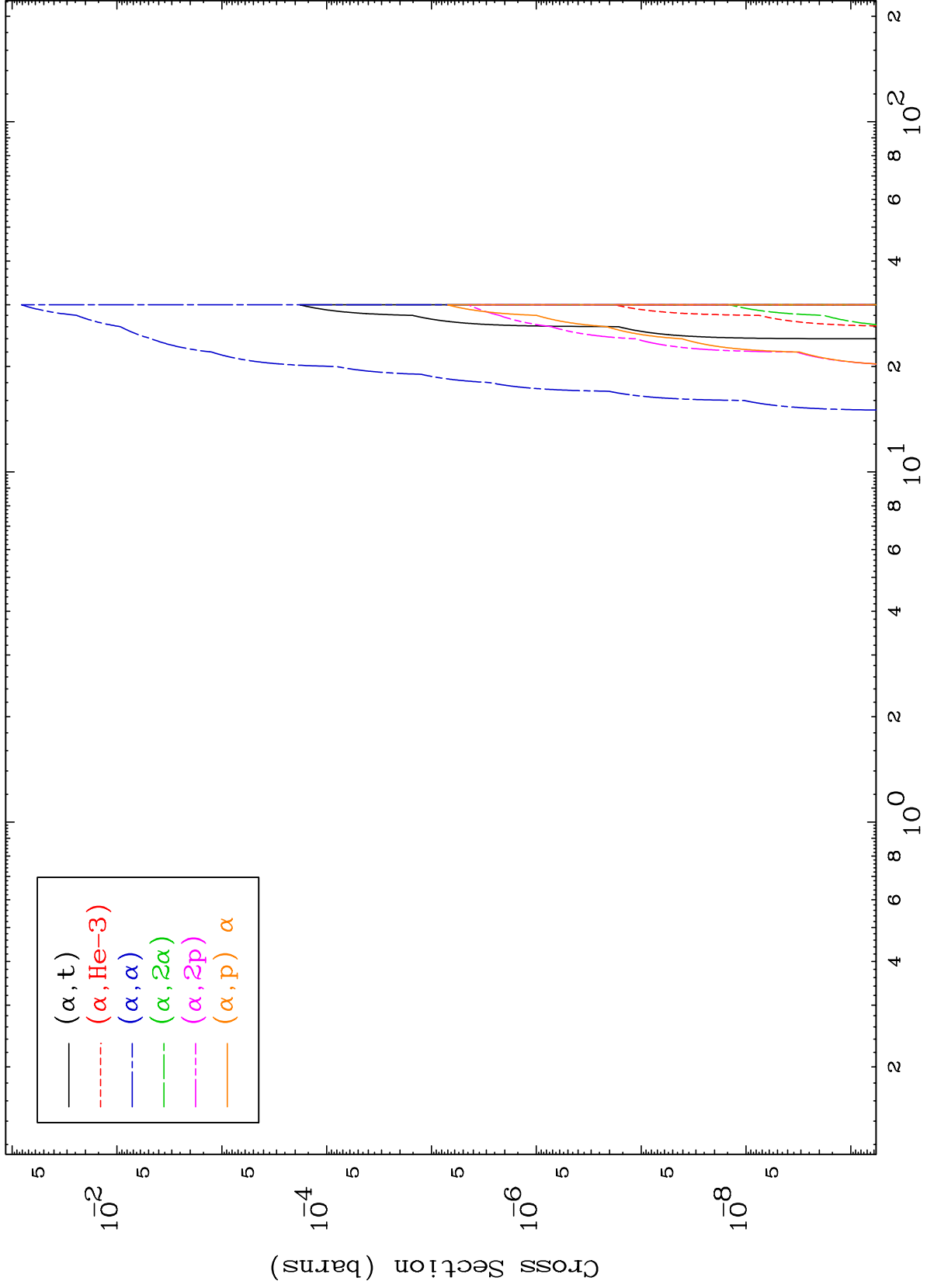
3

MAT 8301

$\alpha$  Charged Particle

83-Bi-201

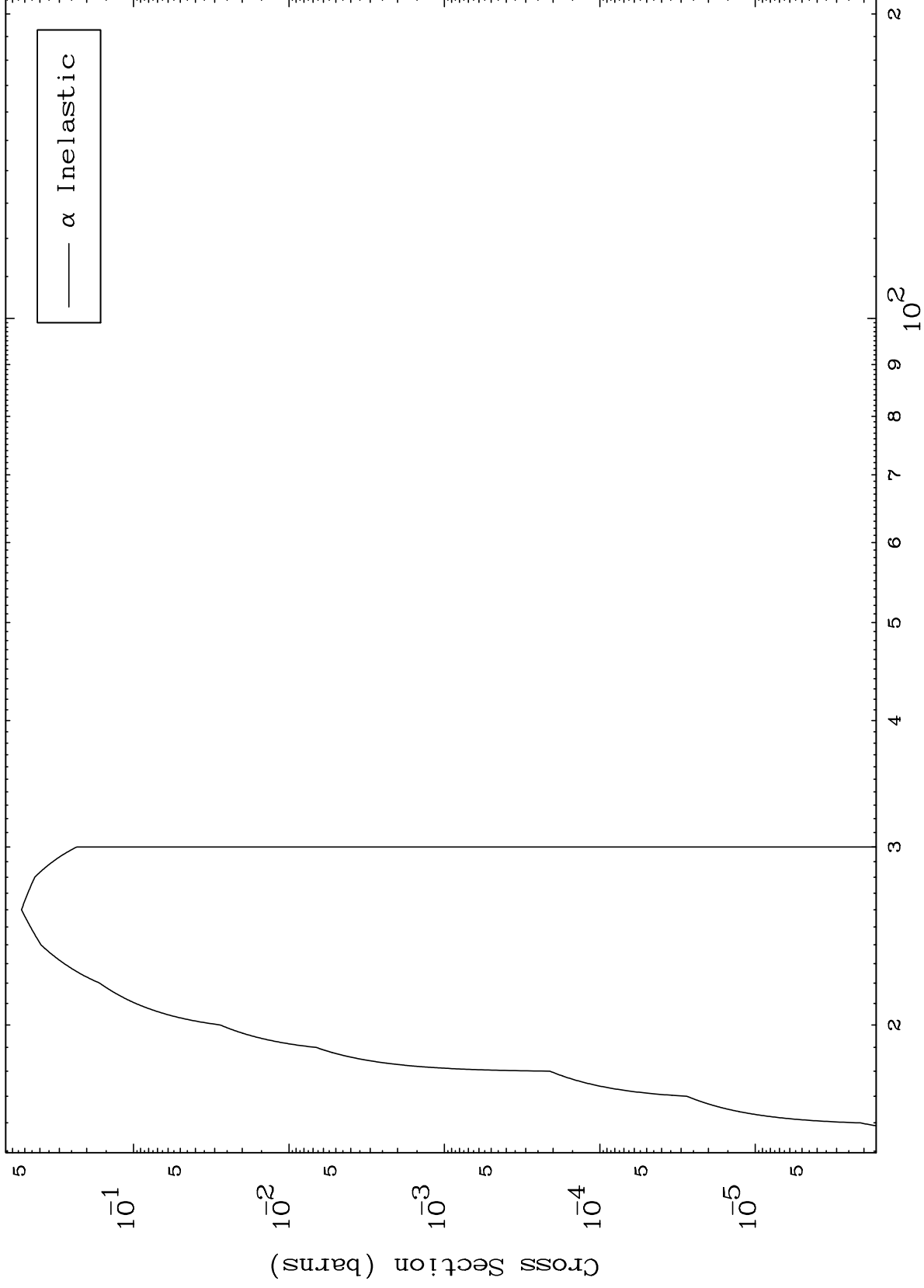
0 Kelvin Cross Sections



MAT 8301

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

83-Bi-201



5

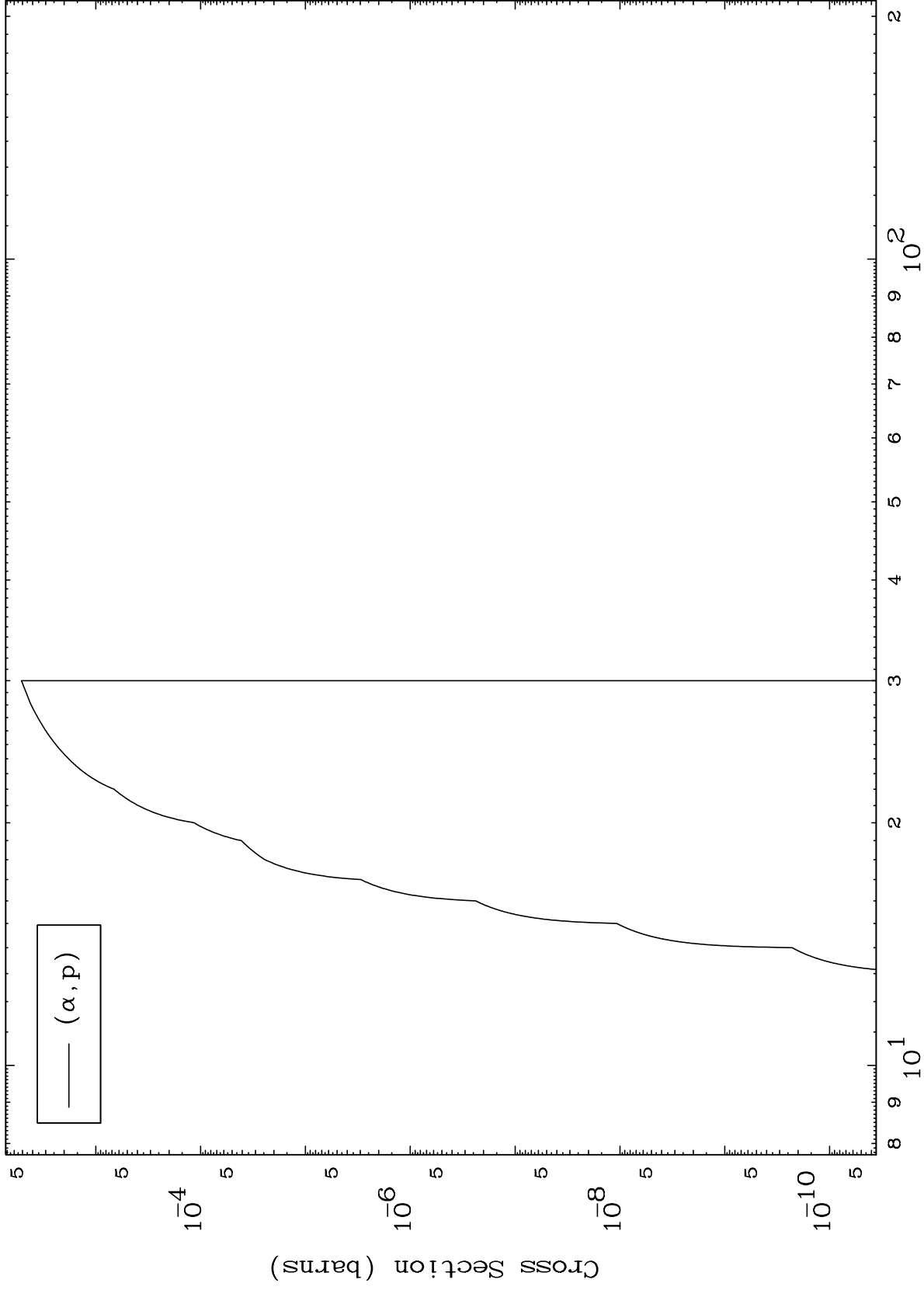
Incident Energy (MeV)

83-Bi-201

MAT 8301

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

83-Bi-201



6

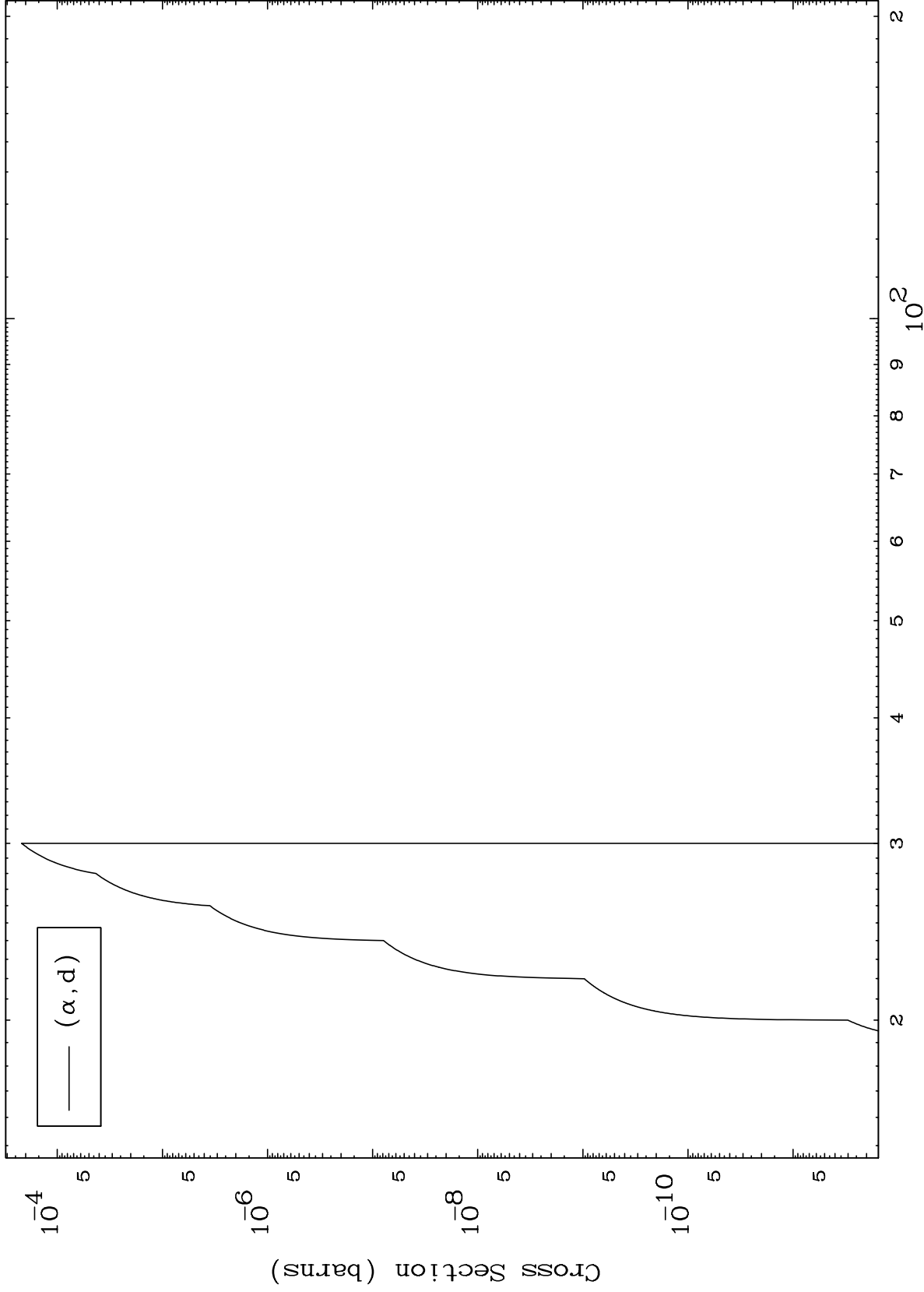
Incident Energy (MeV)

83-Bi-201

MAT 8301

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

83-Bi-201



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Incident Energy (MeV)

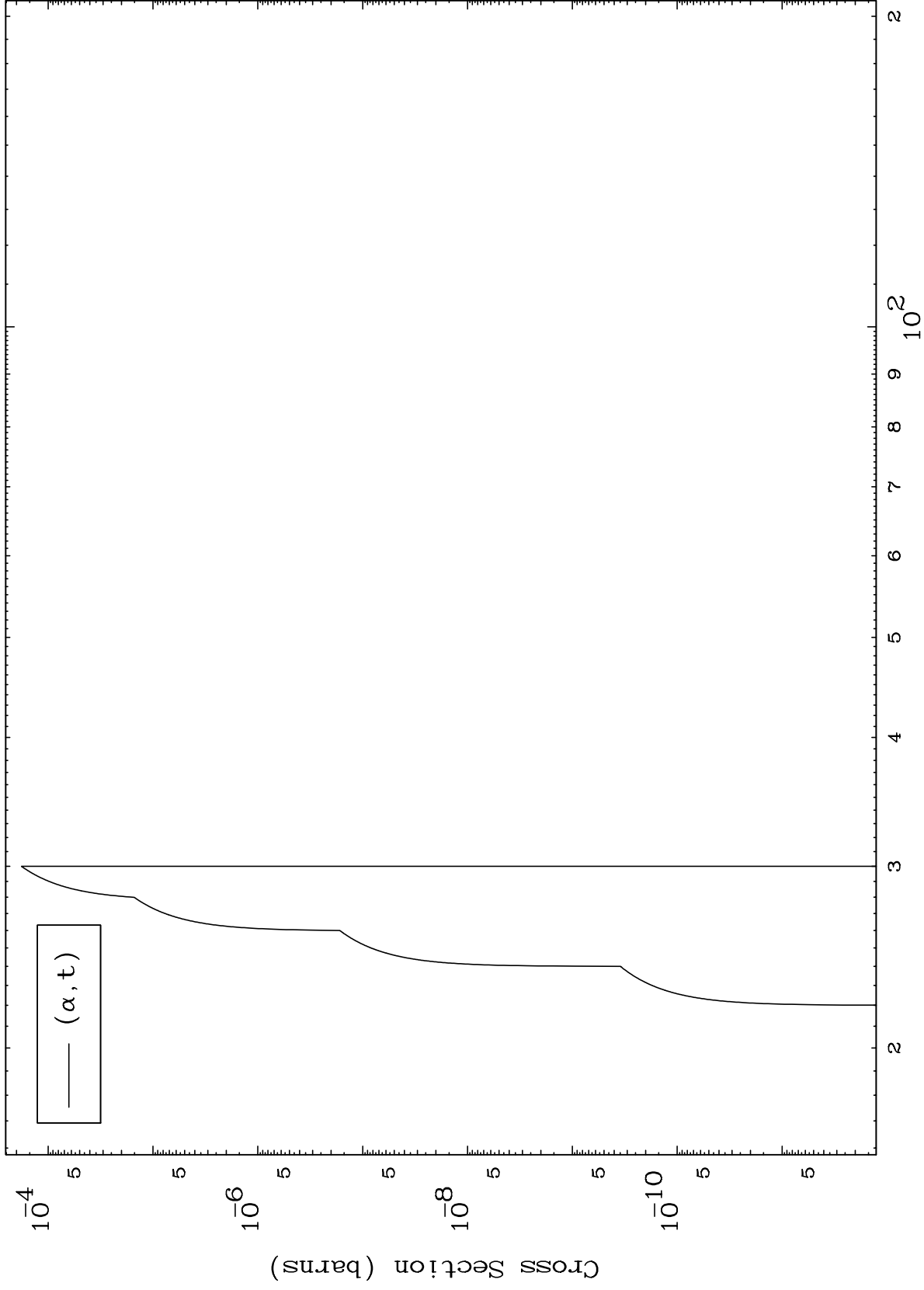
83-Bi-201



MAT 8301

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

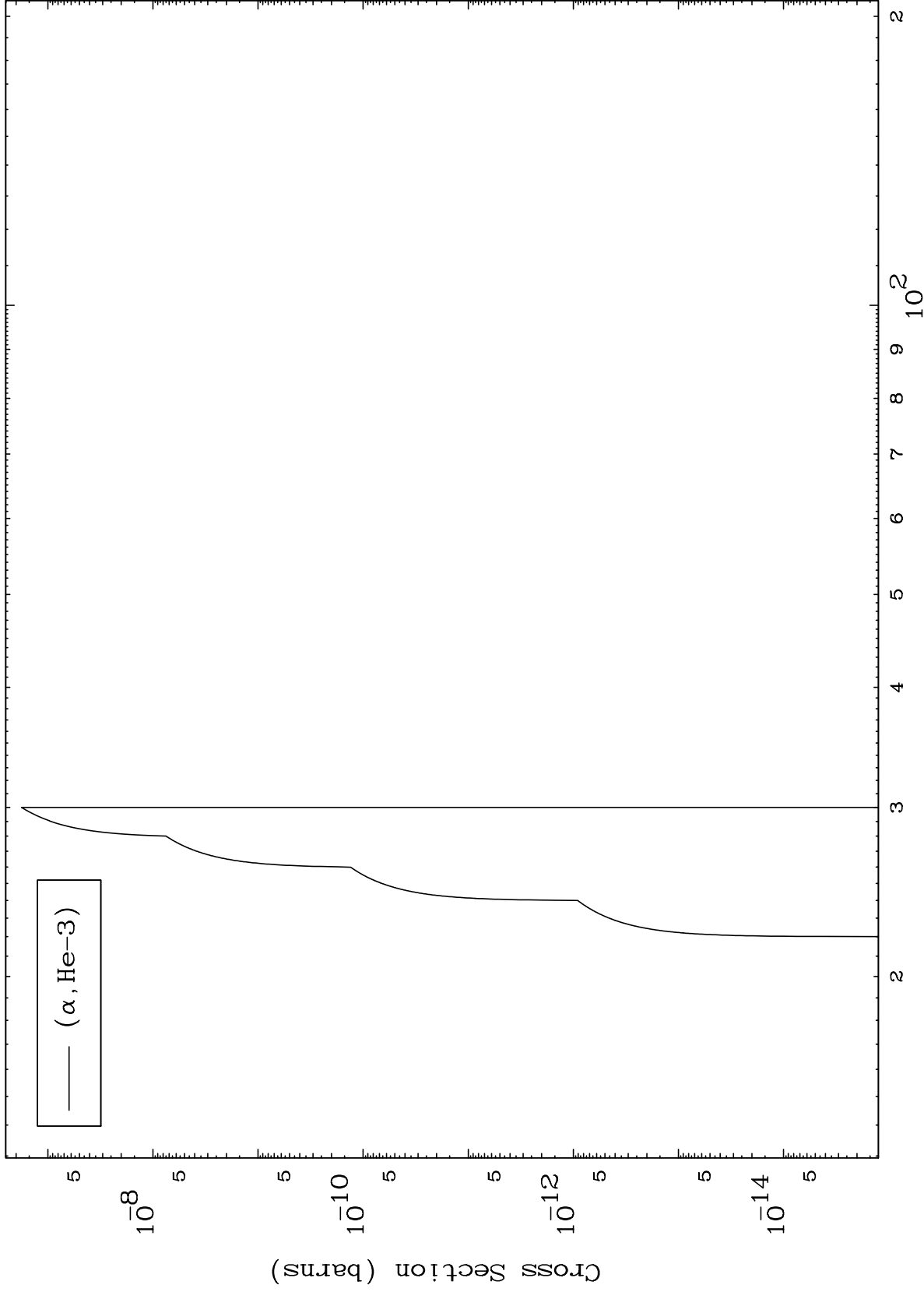
83-Bi-201



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Incident Energy (MeV)

83-Bi-201

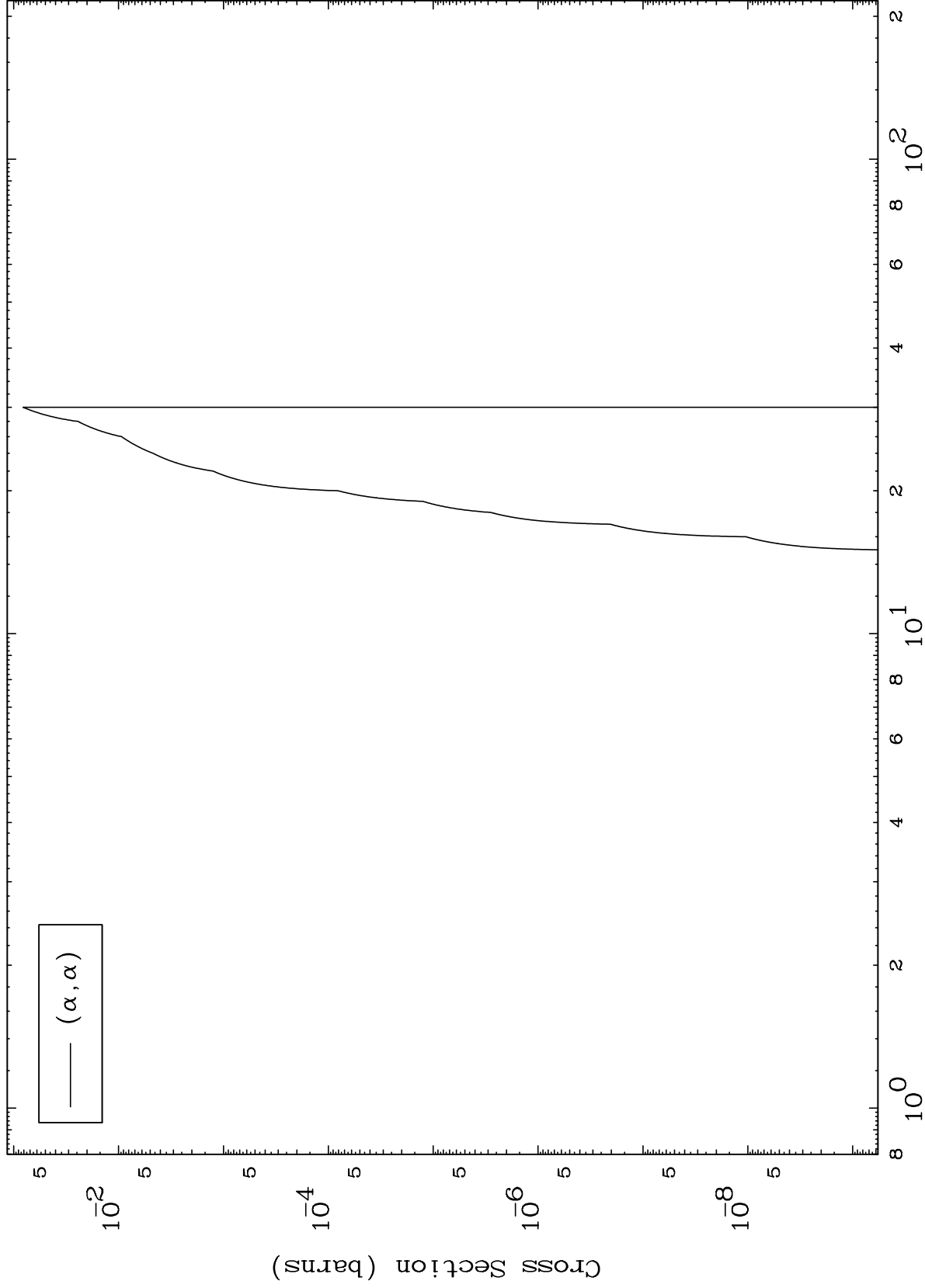


MAT 8301

( $\alpha, \alpha$ ) Levels

83-Bi-201

0 Kelvin Cross Sections



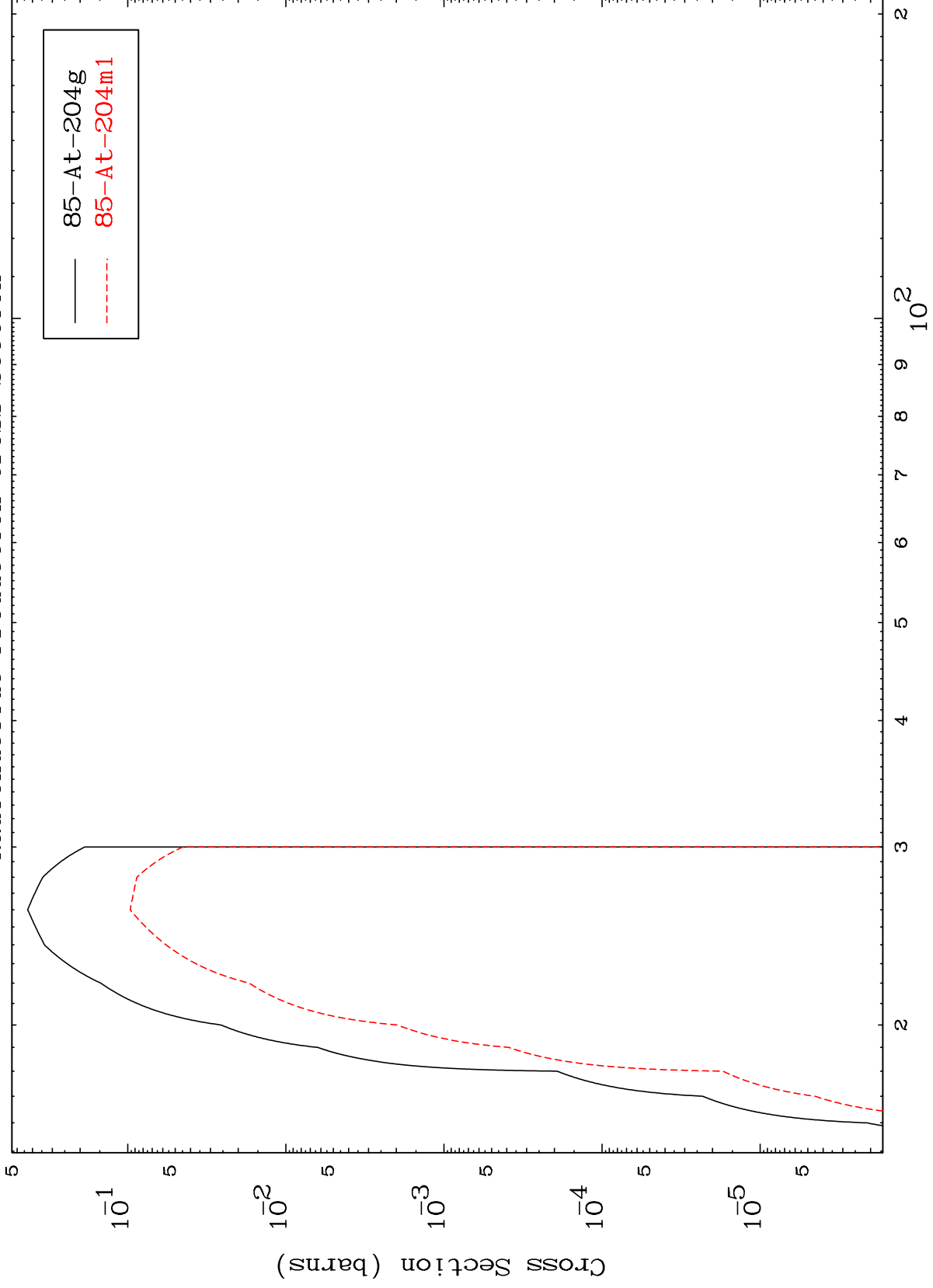
Incident Energy (MeV)

83-Bi-201

MAT 8301

83-Bi-201

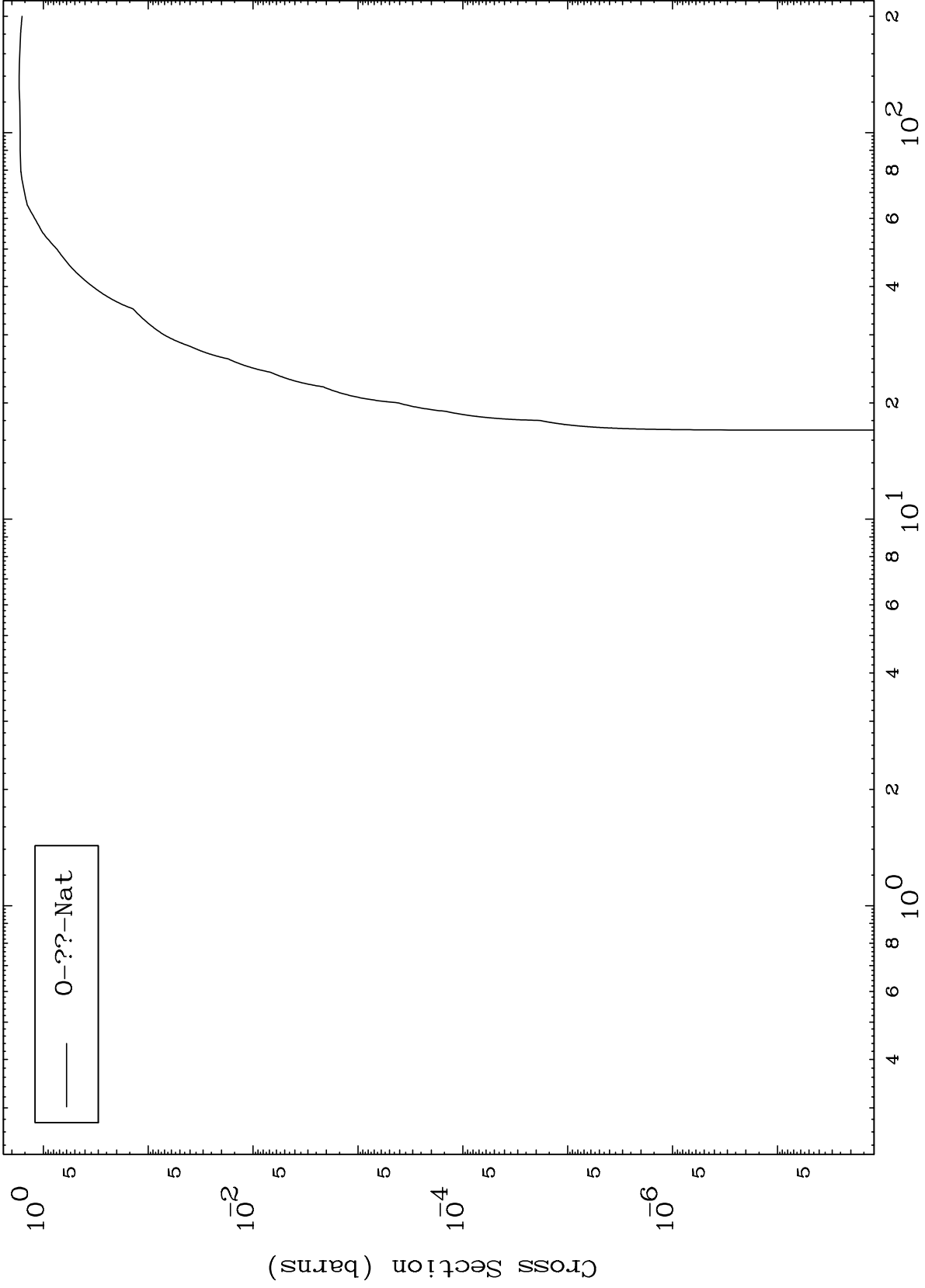
Radionuclide Production Cross Section  
 $\alpha$  Inelastic



MAT 8301

83-Bi-201

$\alpha$  Fission  
Radionuclide Production Cross Section



12

83-Bi-201

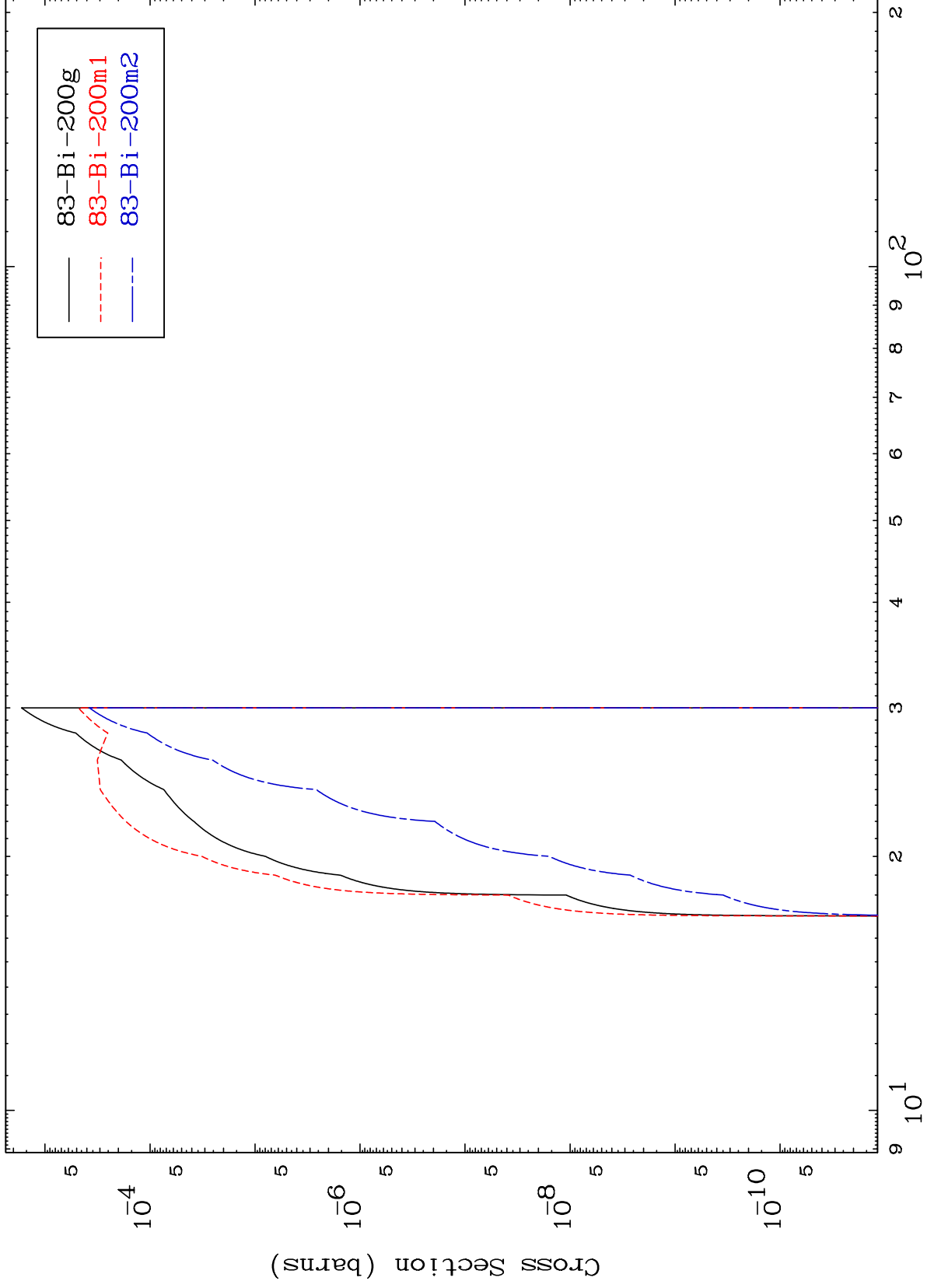
Incident Energy (MeV)

MAT 8301

83-Bi-201

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

Radionuclide Production Cross Section



13

Incident Energy (MeV)

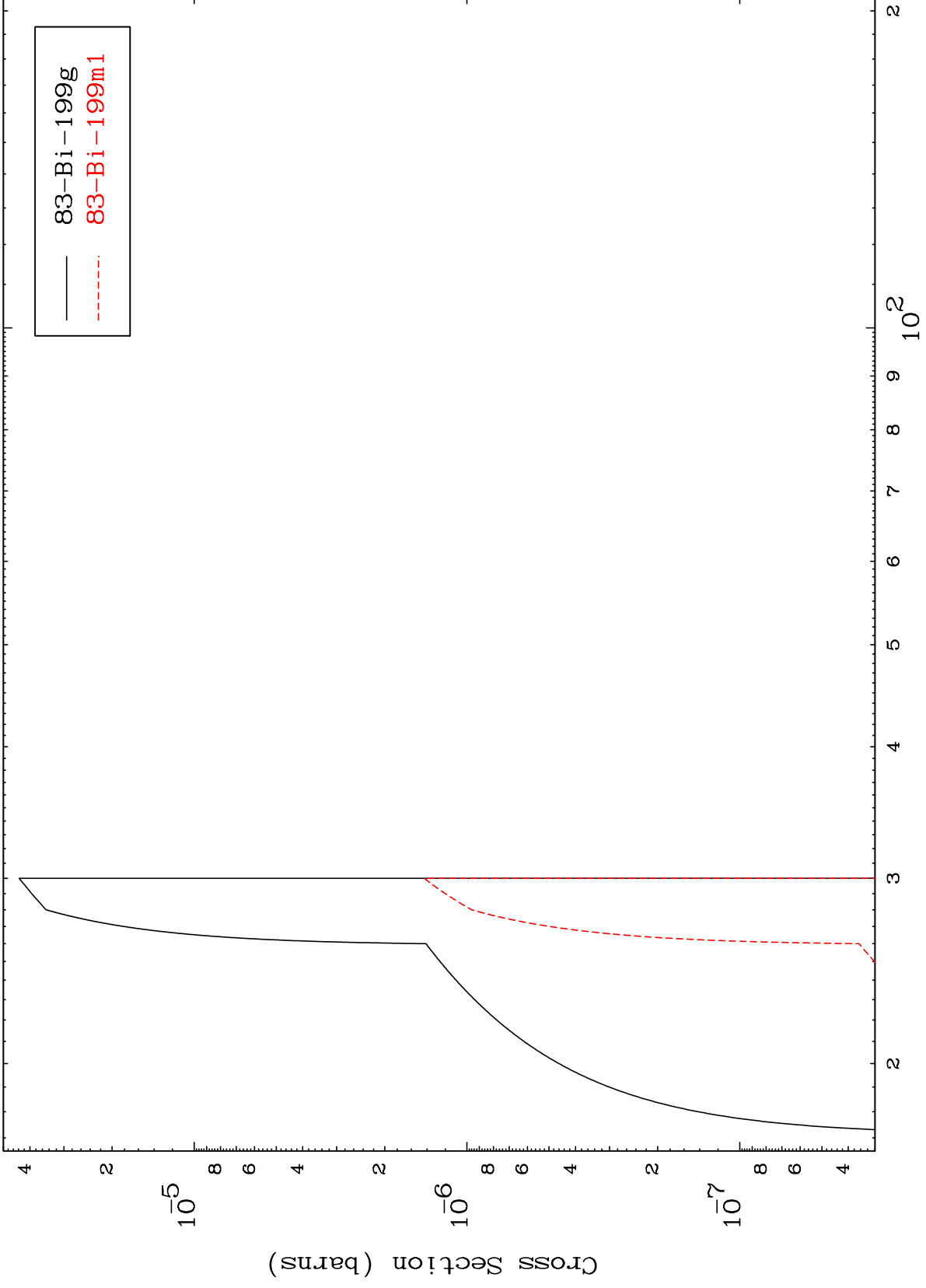
83-Bi-201

MAT 8301

$(\alpha, 2n) \alpha$

83-Bi-201

Radionuclide Production Cross Section

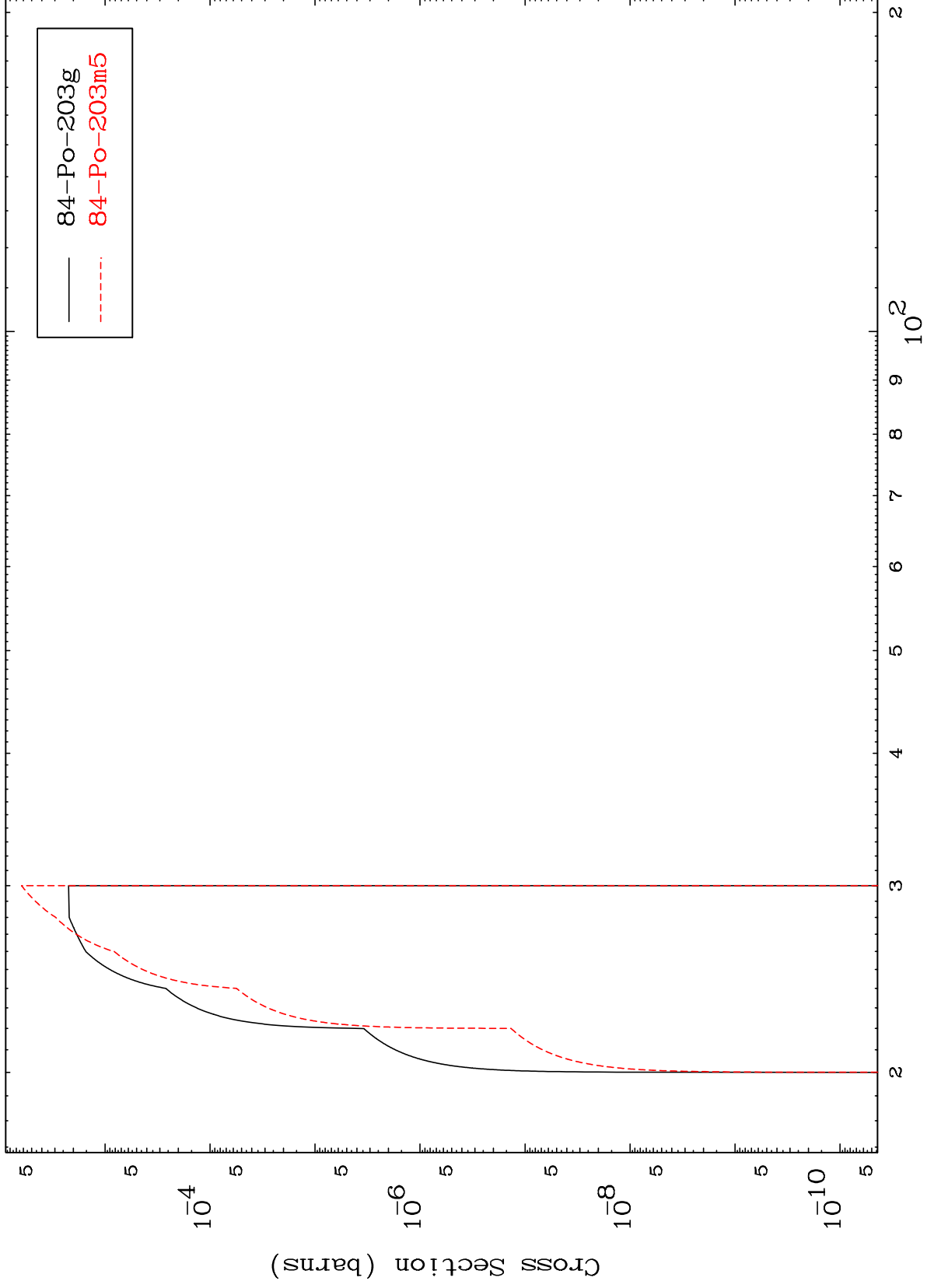


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Incident Energy (MeV)

83-Bi-201

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

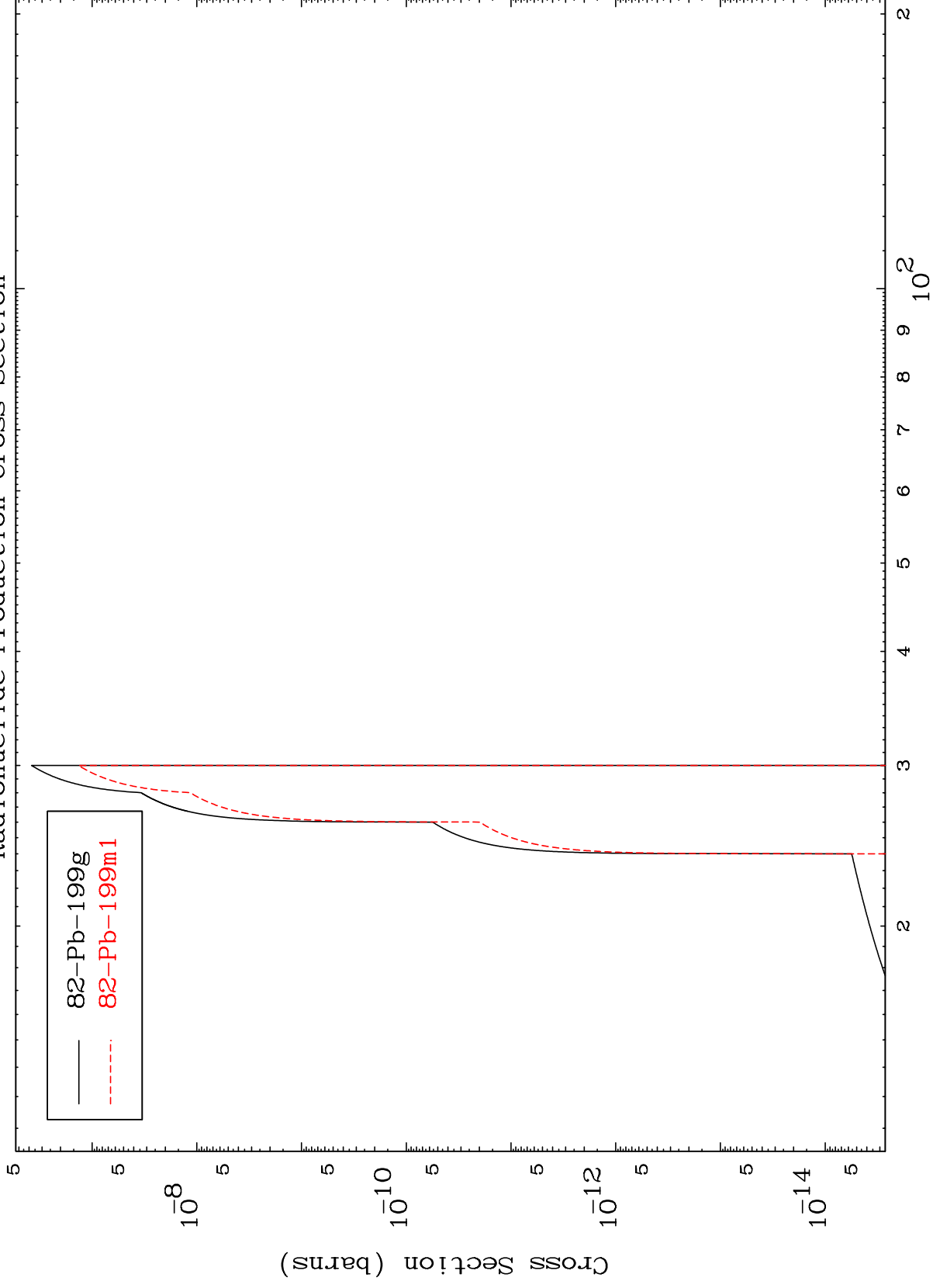




MAT 8301

83-Bi-201

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



16

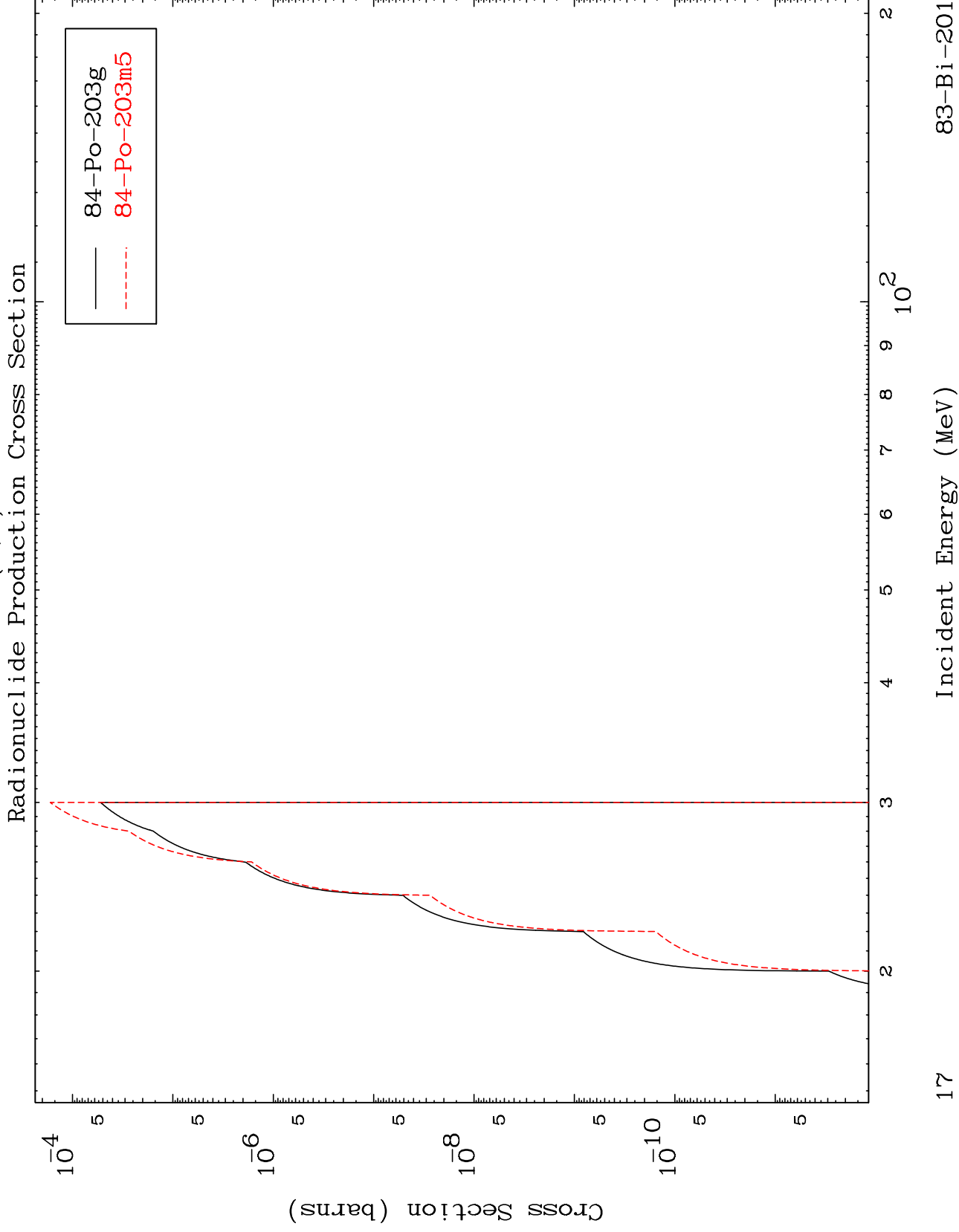
83-Bi-201

Incident Energy (MeV)

MAT 8301

( $\alpha, d$ )

83-Bi-201



17

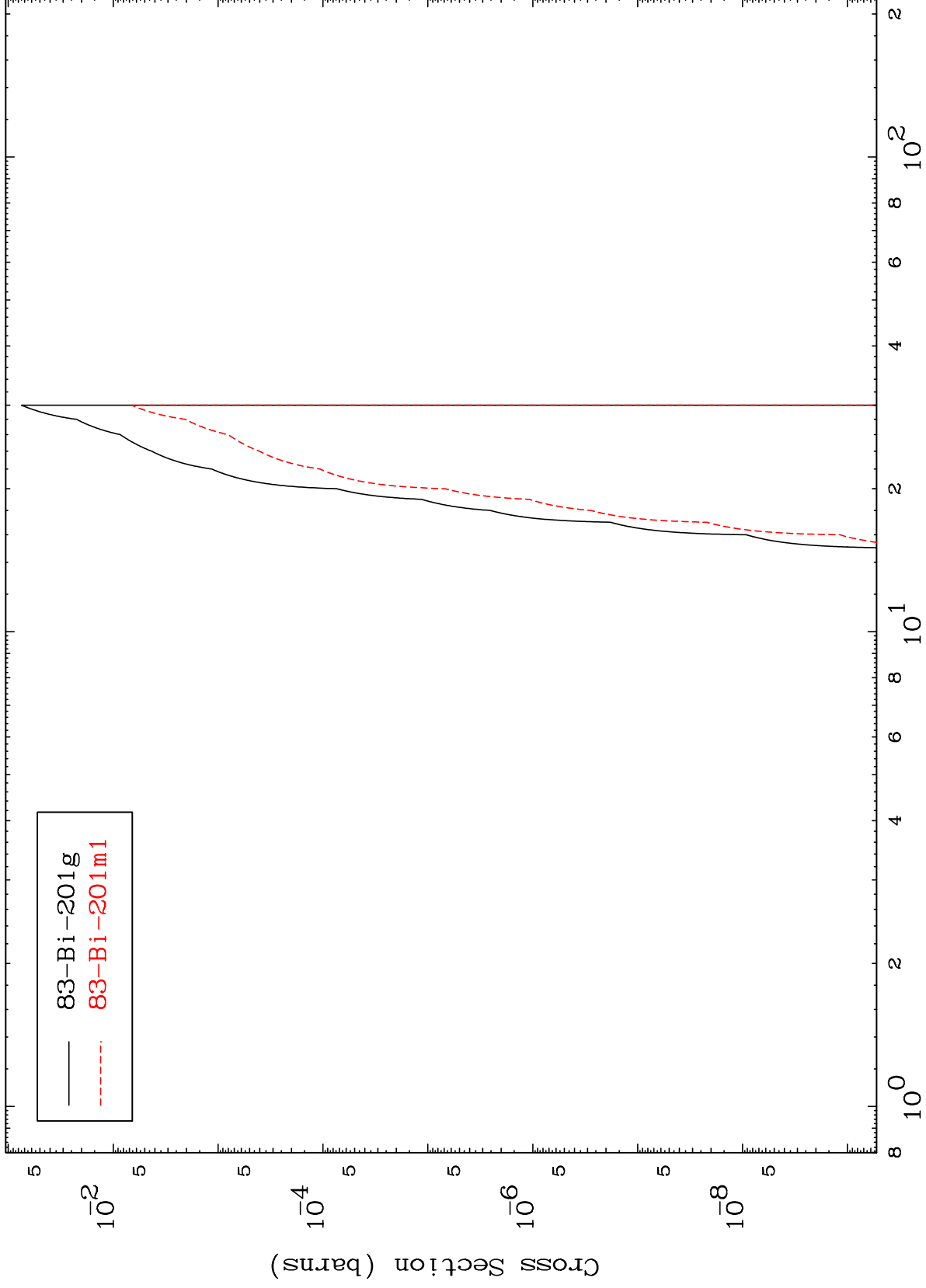
83-Bi-201

MAT 8301

( $\alpha, \alpha$ )

83-Bi-201

Radionuclide Production Cross Section



18

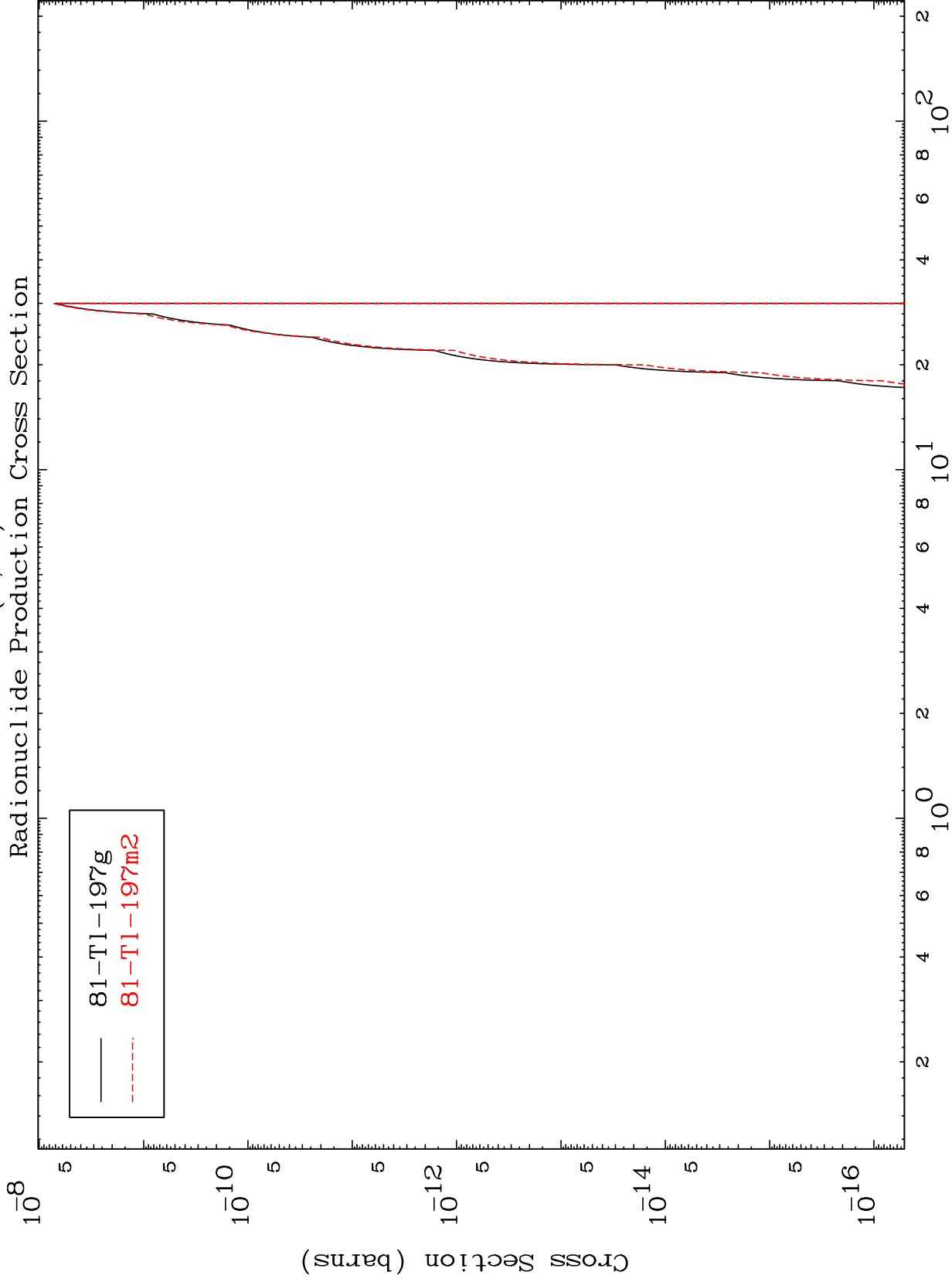
Incident Energy (MeV)

83-Bi-201

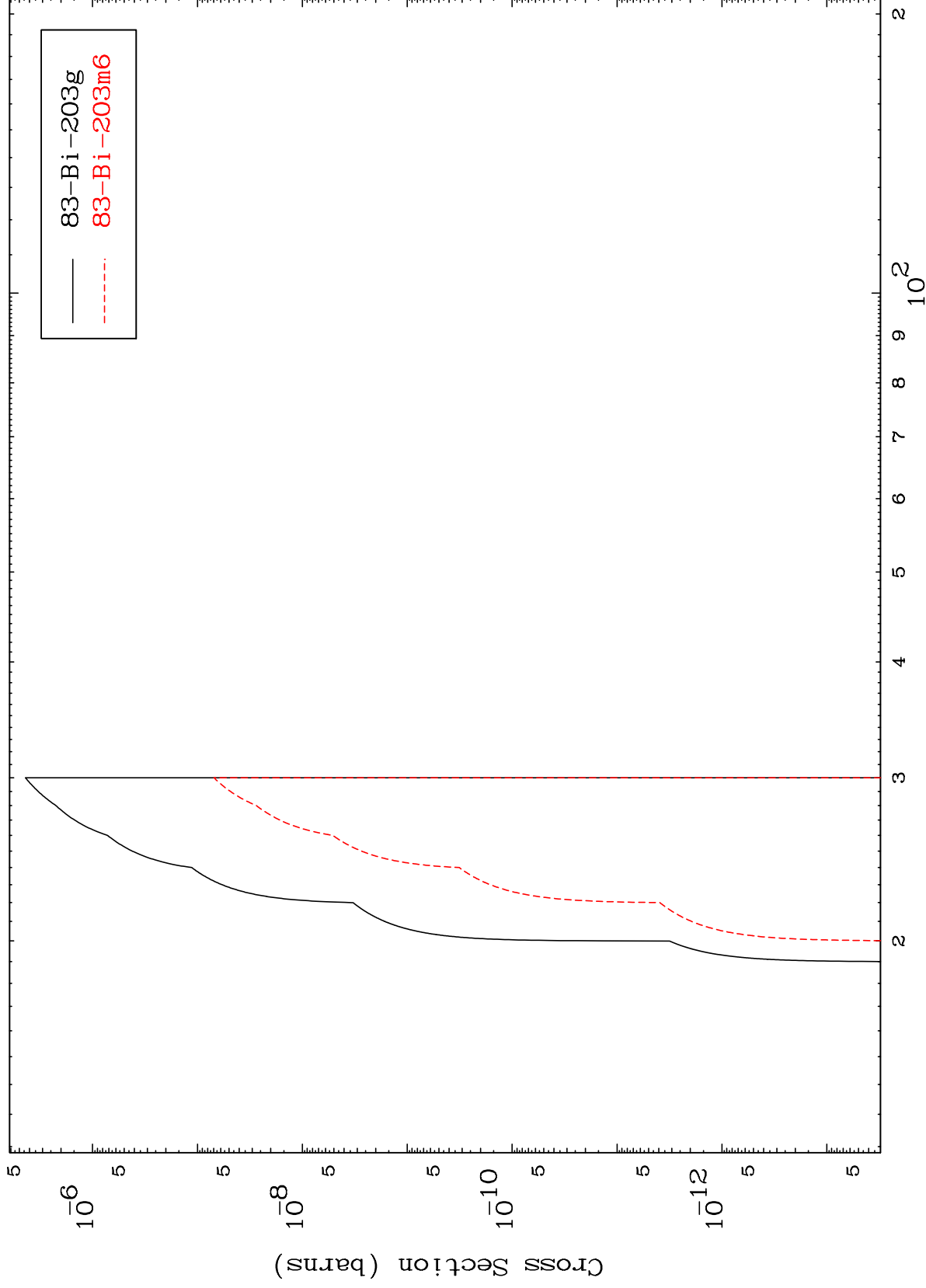
MAT 8301

83-Bi-201

( $\alpha, 2\alpha$ )



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

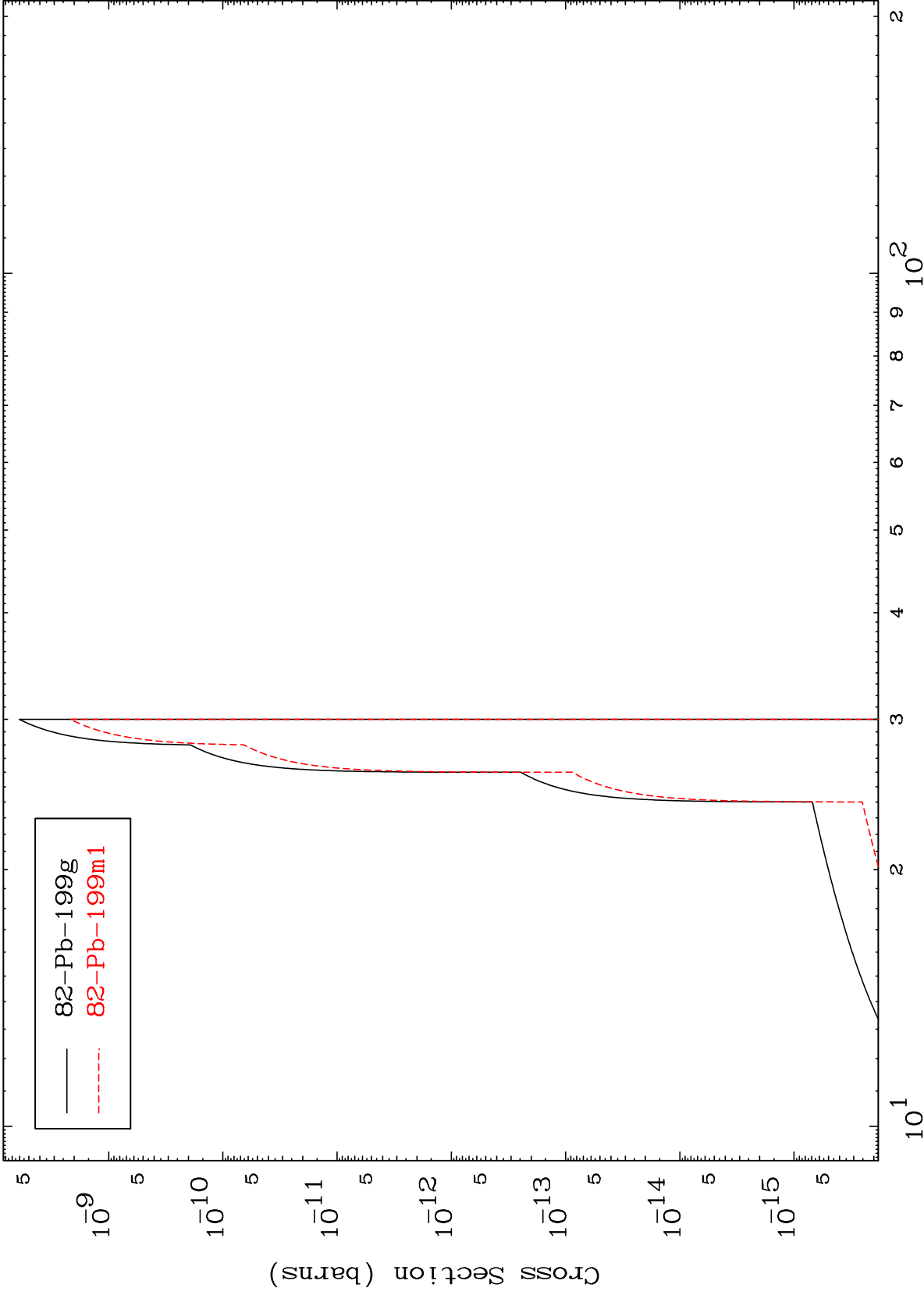


MAT 8301

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

83-Bi-201

Radionuclide Production Cross Section



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Incident Energy (MeV)

83-Bi-201