

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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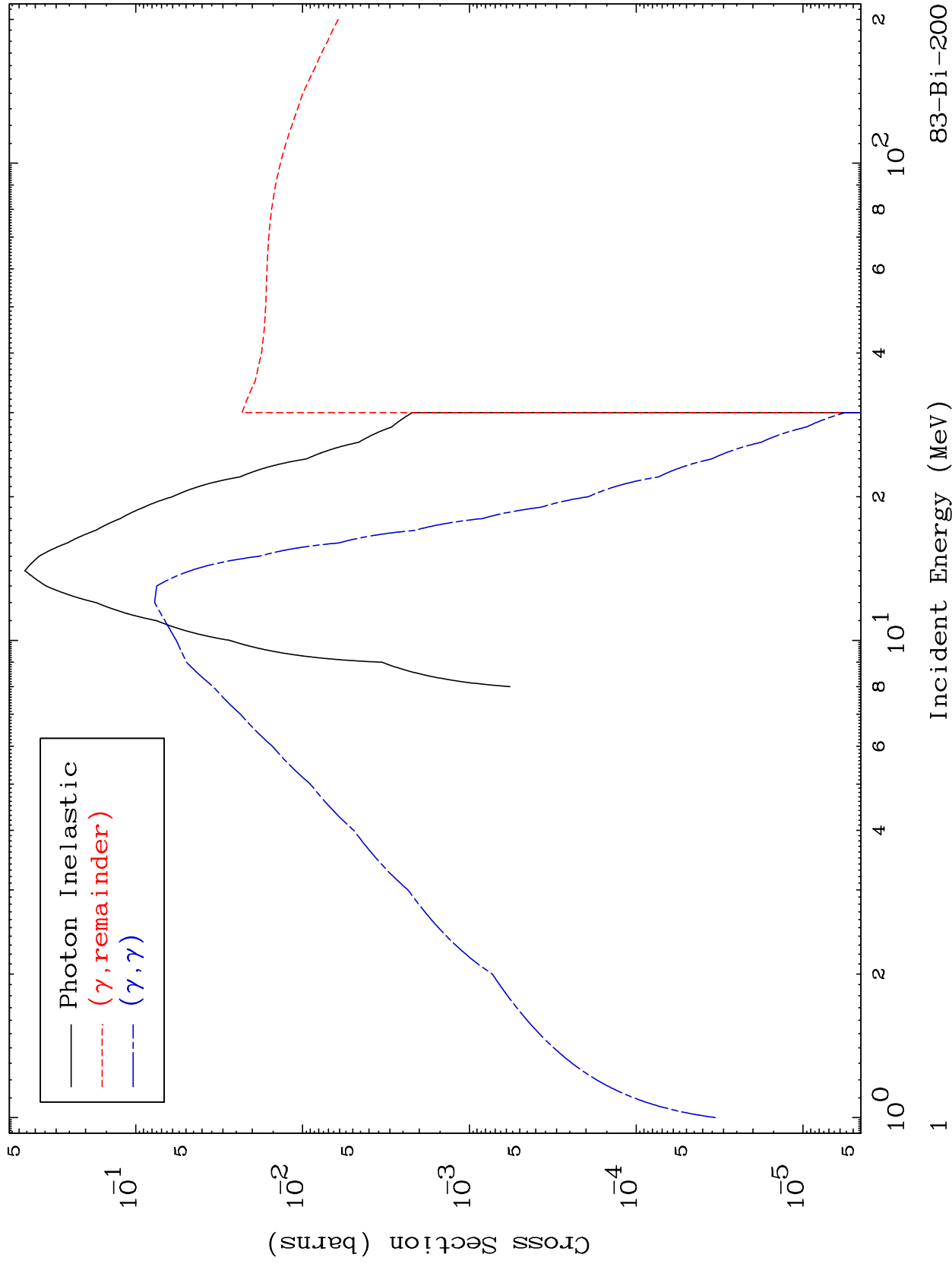
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8298

Photon Major  
0 Kelvin Cross Sections

83-Bi-200

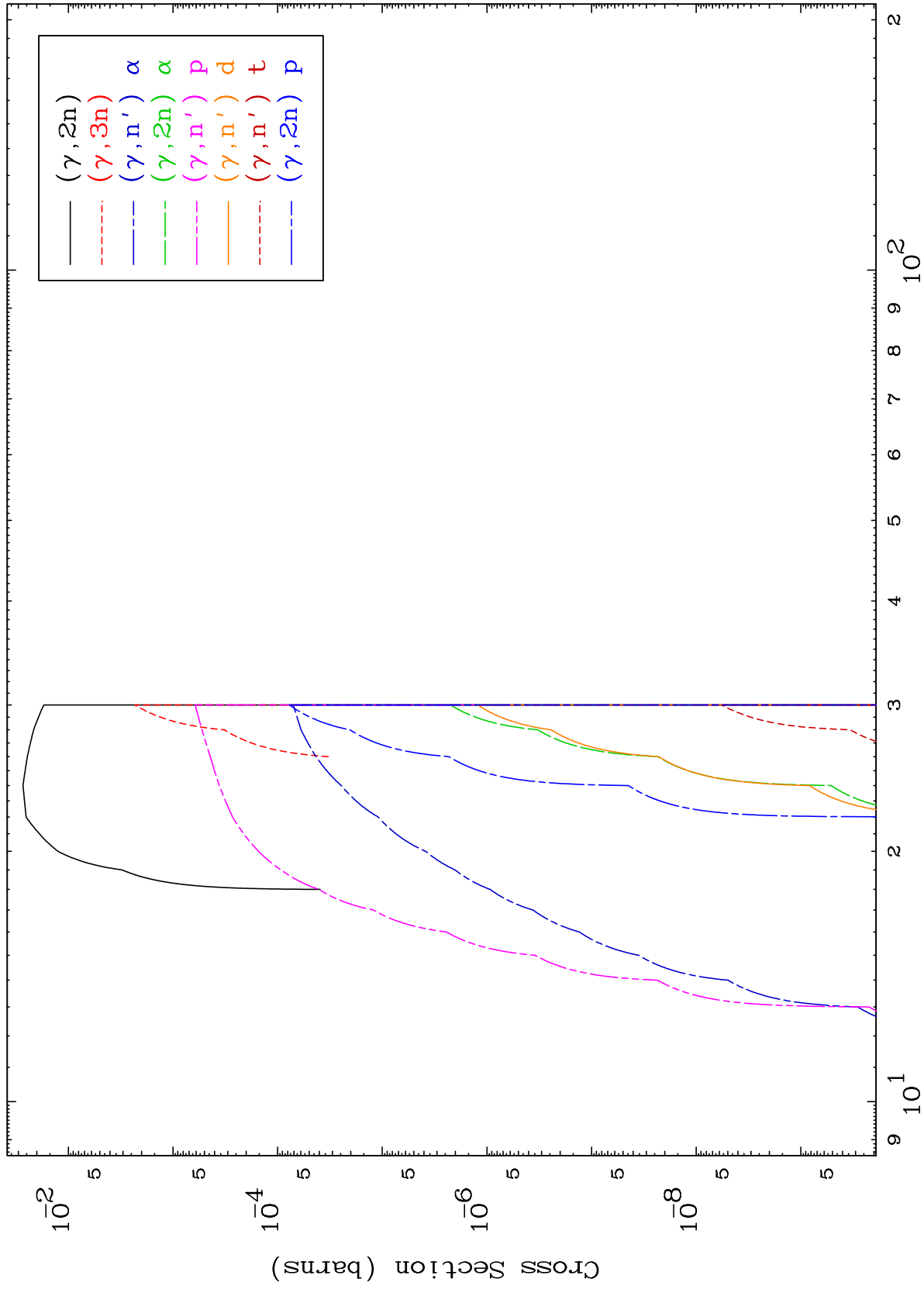


83-Bi-200

MAT 8298

Photon Neutron Production  
0 Kelvin Cross Sections

83-Bi-200



2

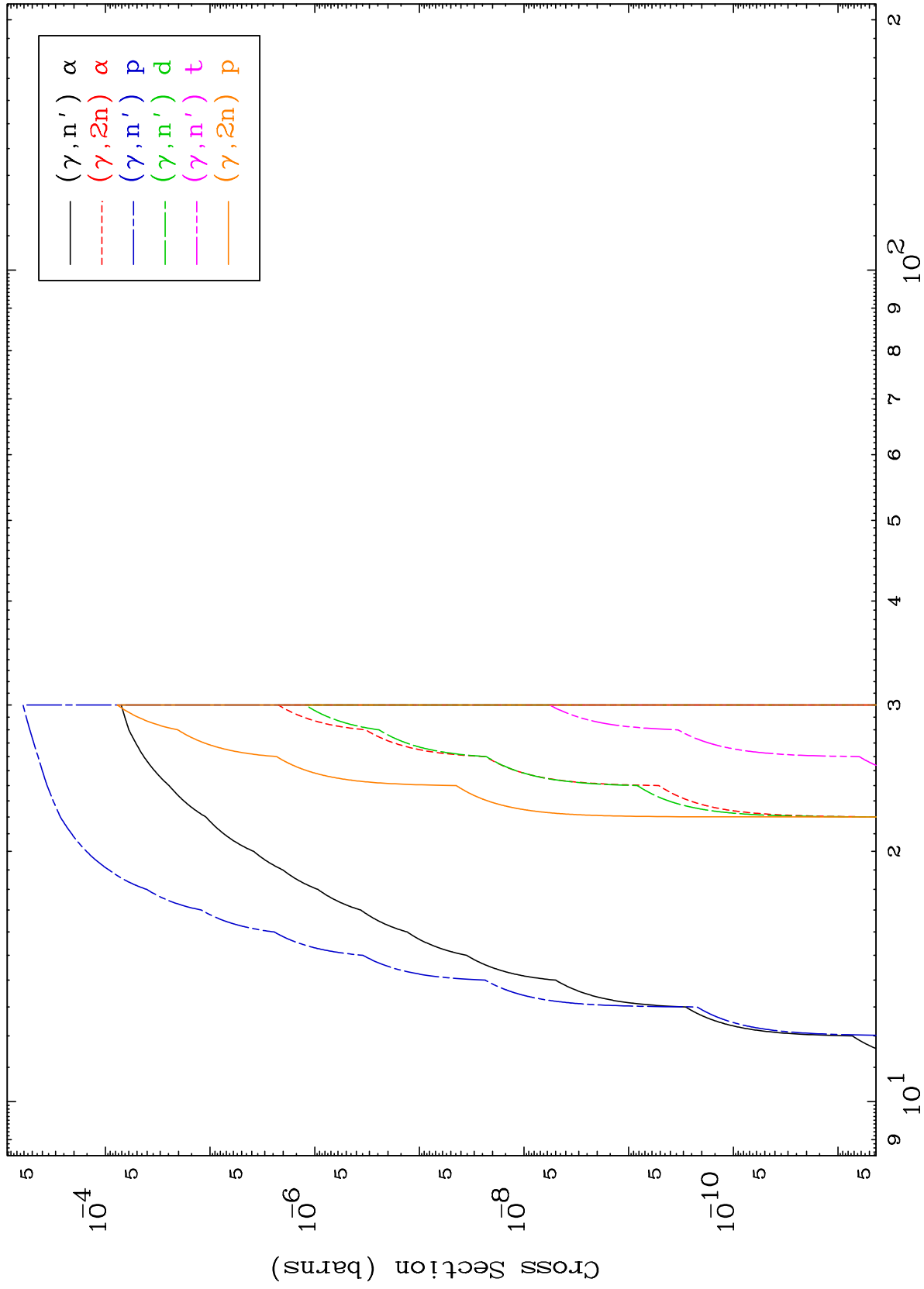
Incident Energy (MeV)

83-Bi-200

MAT 8298

Photon Charged Particle  
0 Kelvin Cross Sections

83-Bi-200



3

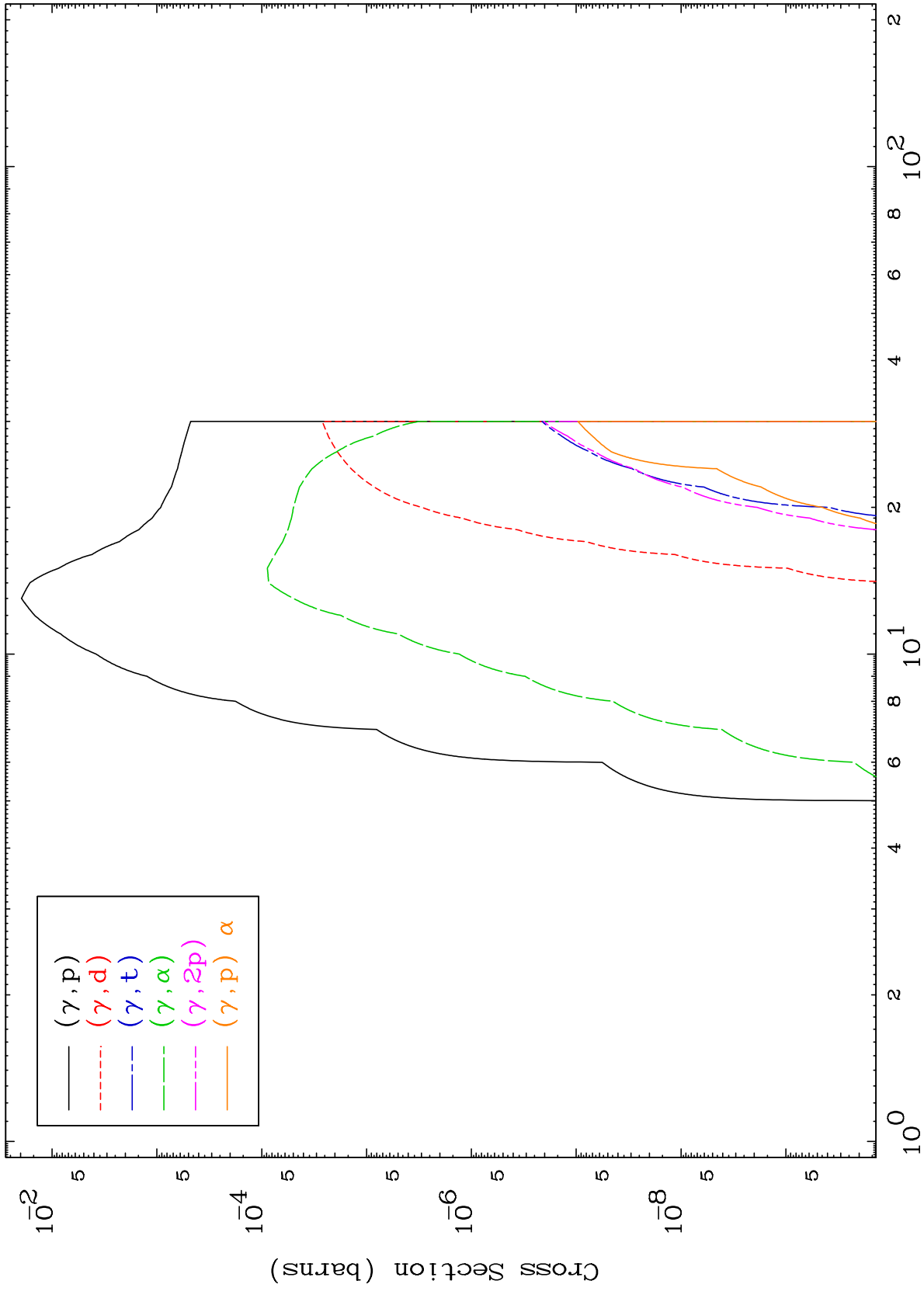
Incident Energy (MeV)

83-Bi-200

MAT 8298

Photon Charged Particle  
0 Kelvin Cross Sections

83-Bi-200



4

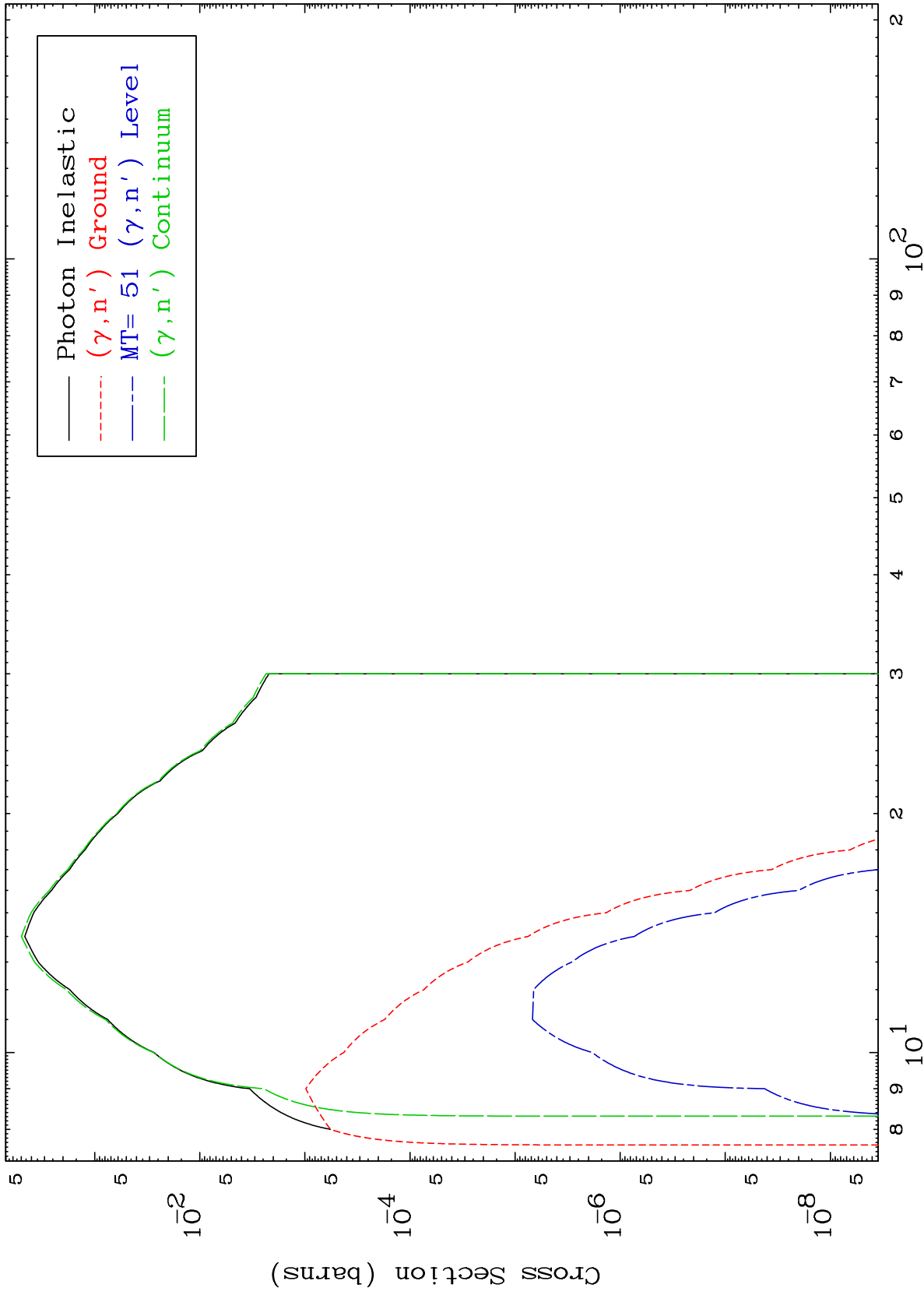
Incident Energy (MeV)

83-Bi-200

MAT 8298

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

83-Bi-200



5

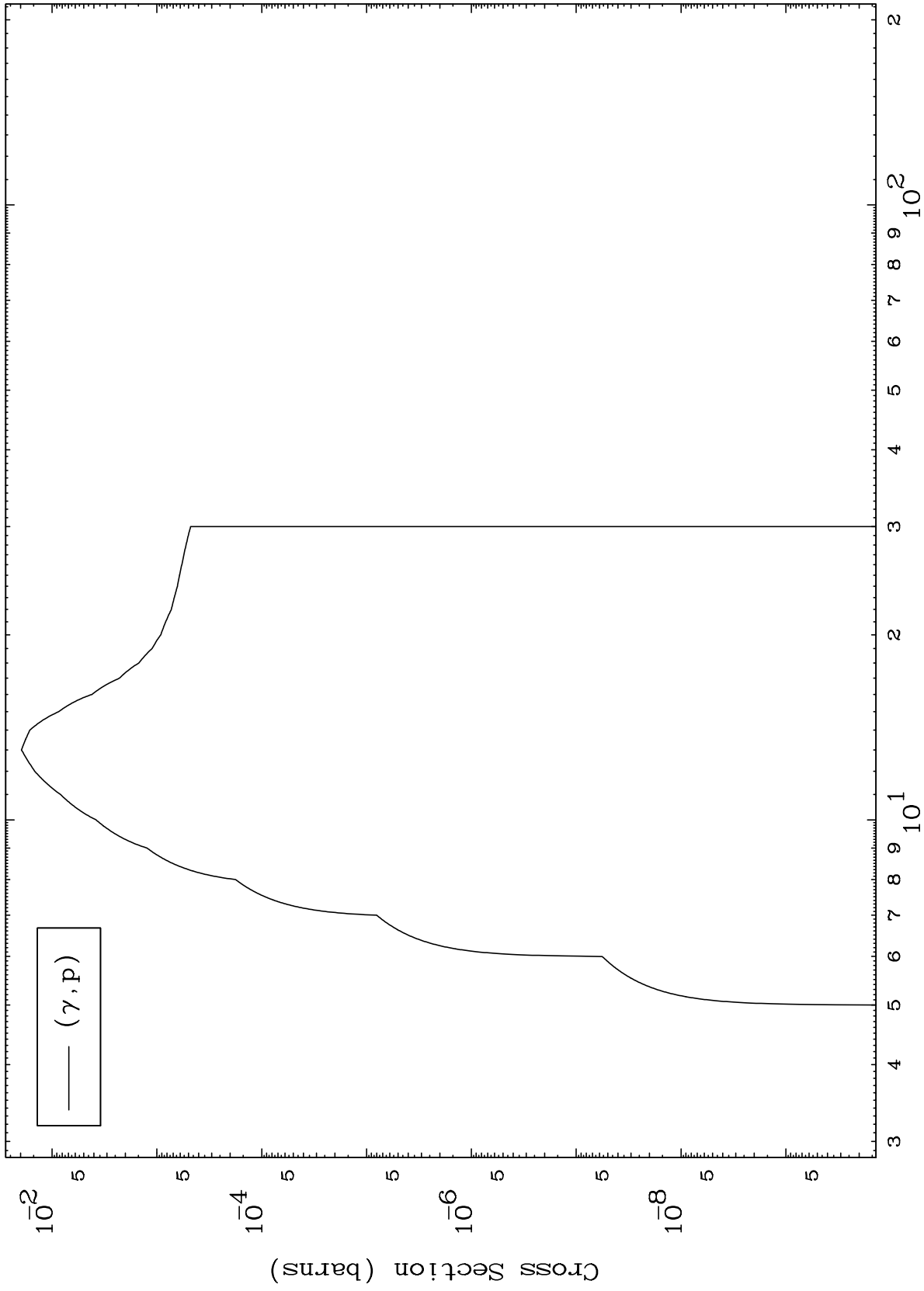
Incident Energy (MeV)

83-Bi-200

MAT 8298

83-Bi-200

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



83-Bi-200

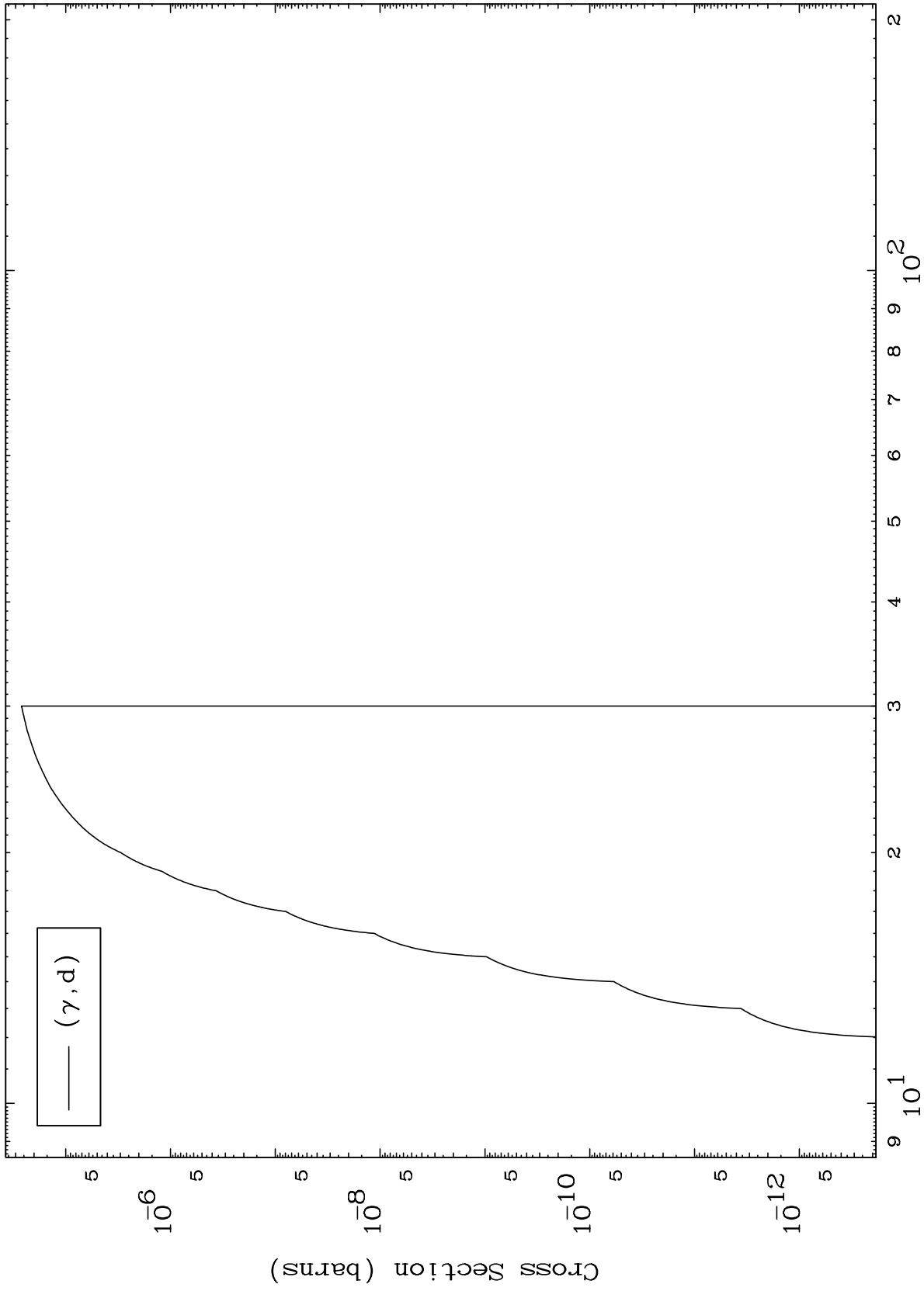
Incident Energy (MeV)

6

MAT 8298

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

83-Bi-200



7

Incident Energy (MeV)

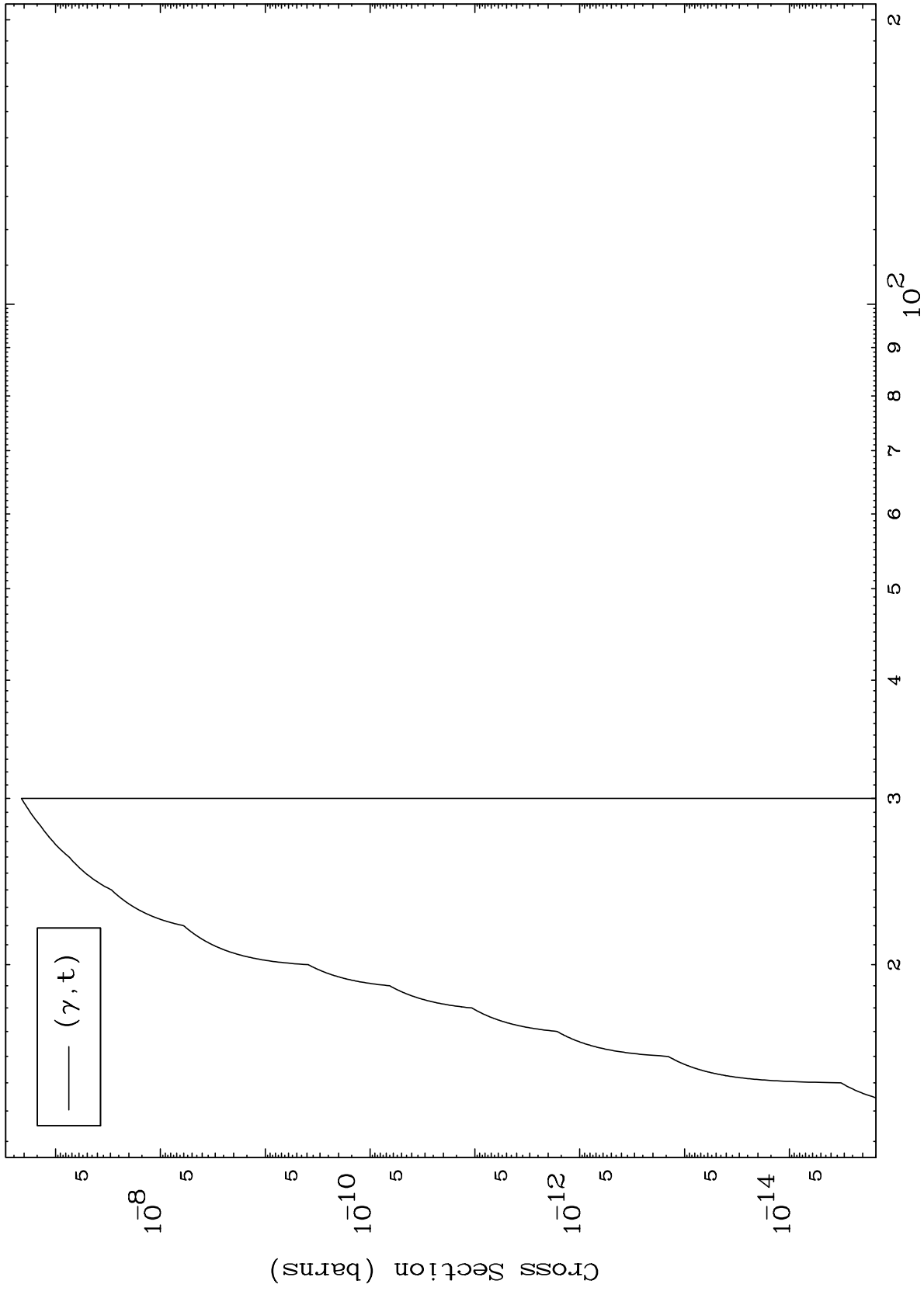
83-Bi-200



MAT 8298

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

83-Bi-200



8

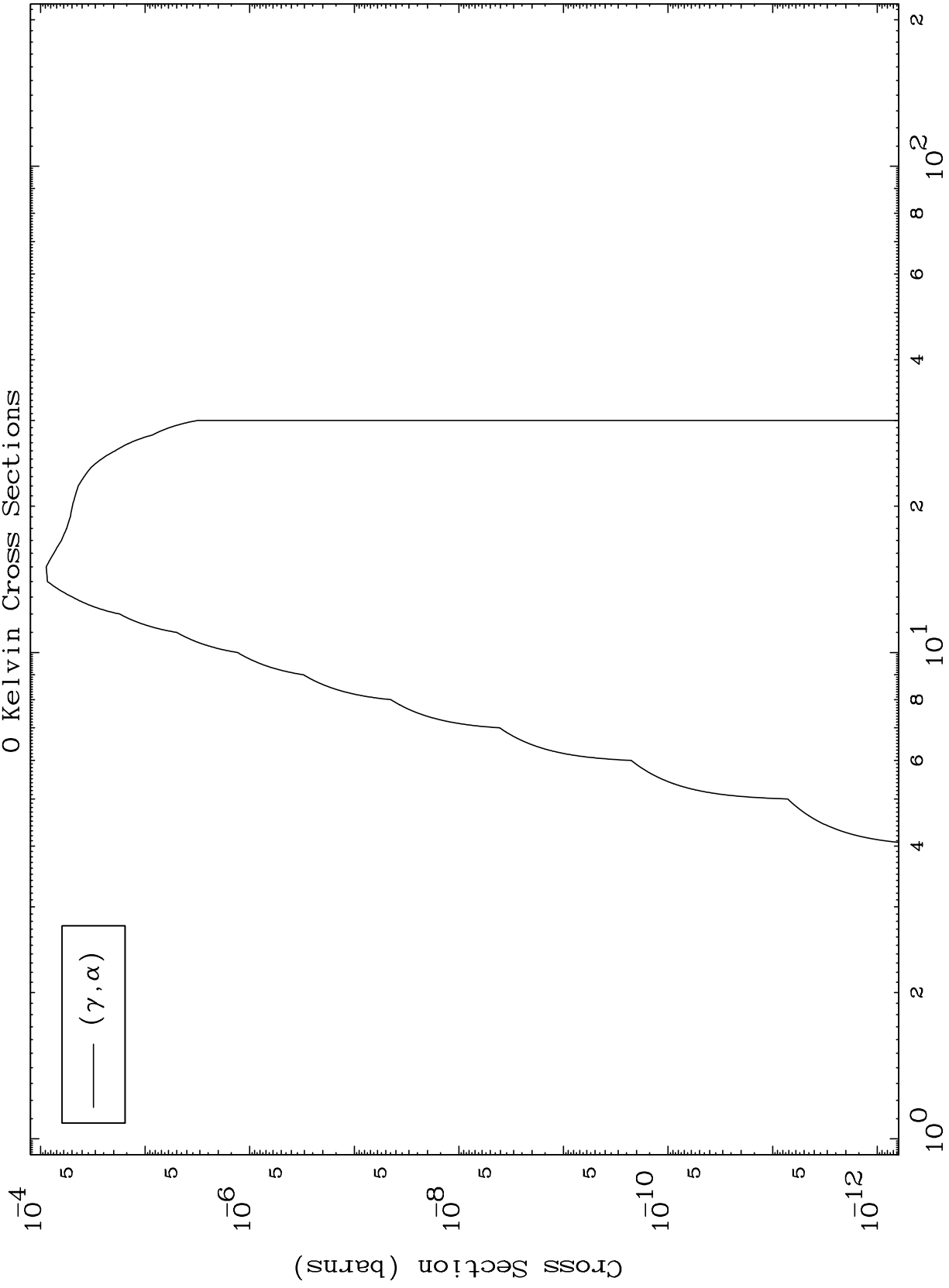
Incident Energy (MeV)

83-Bi-200

MAT 8298

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

83-Bi-200



( $\gamma, \alpha$ )

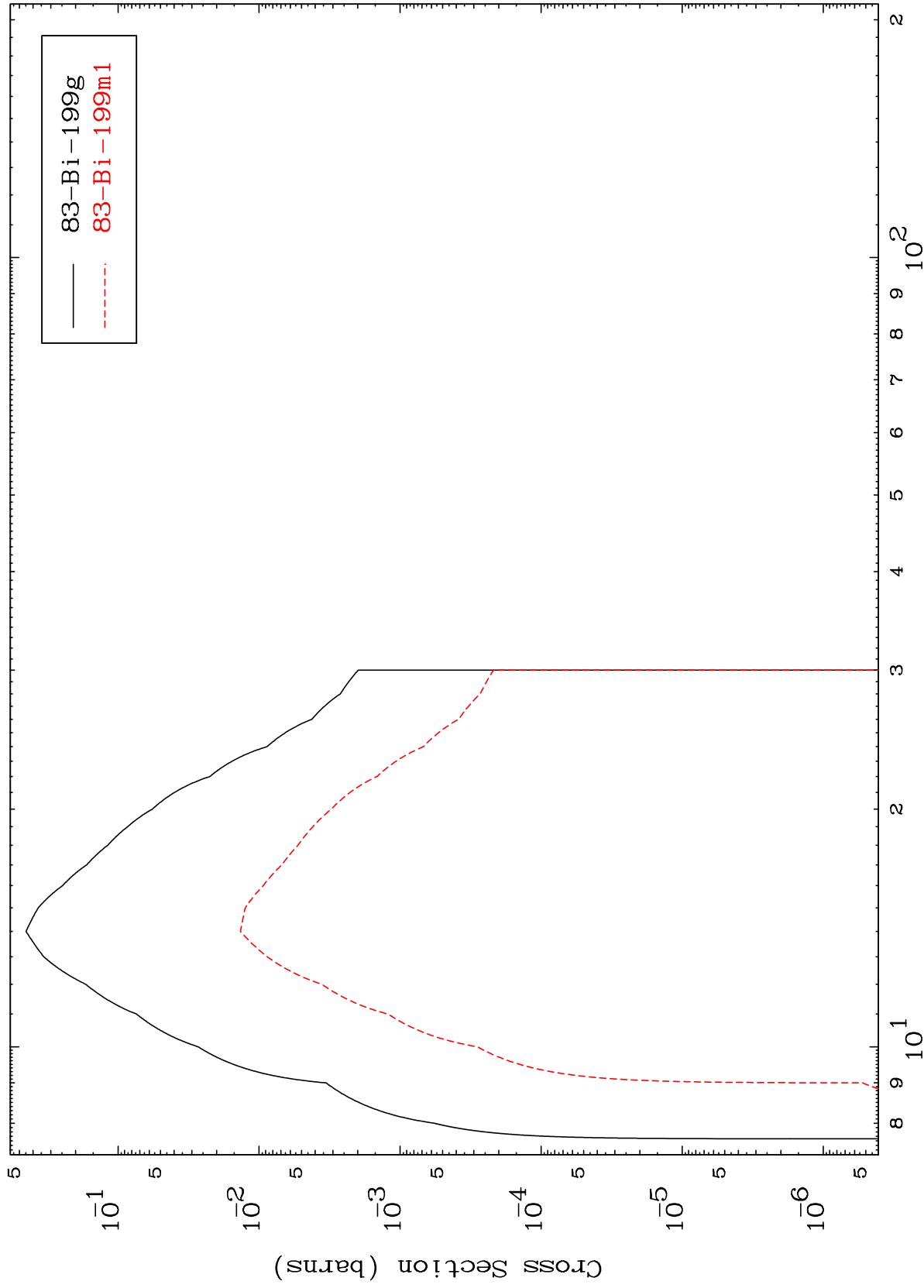
Incident Energy (MeV)

83-Bi-200

MAT 8298

Photon Inelastic  
Radionuclide Production Cross Section

<sup>83</sup>Bi-200



<sup>83</sup>Bi-200

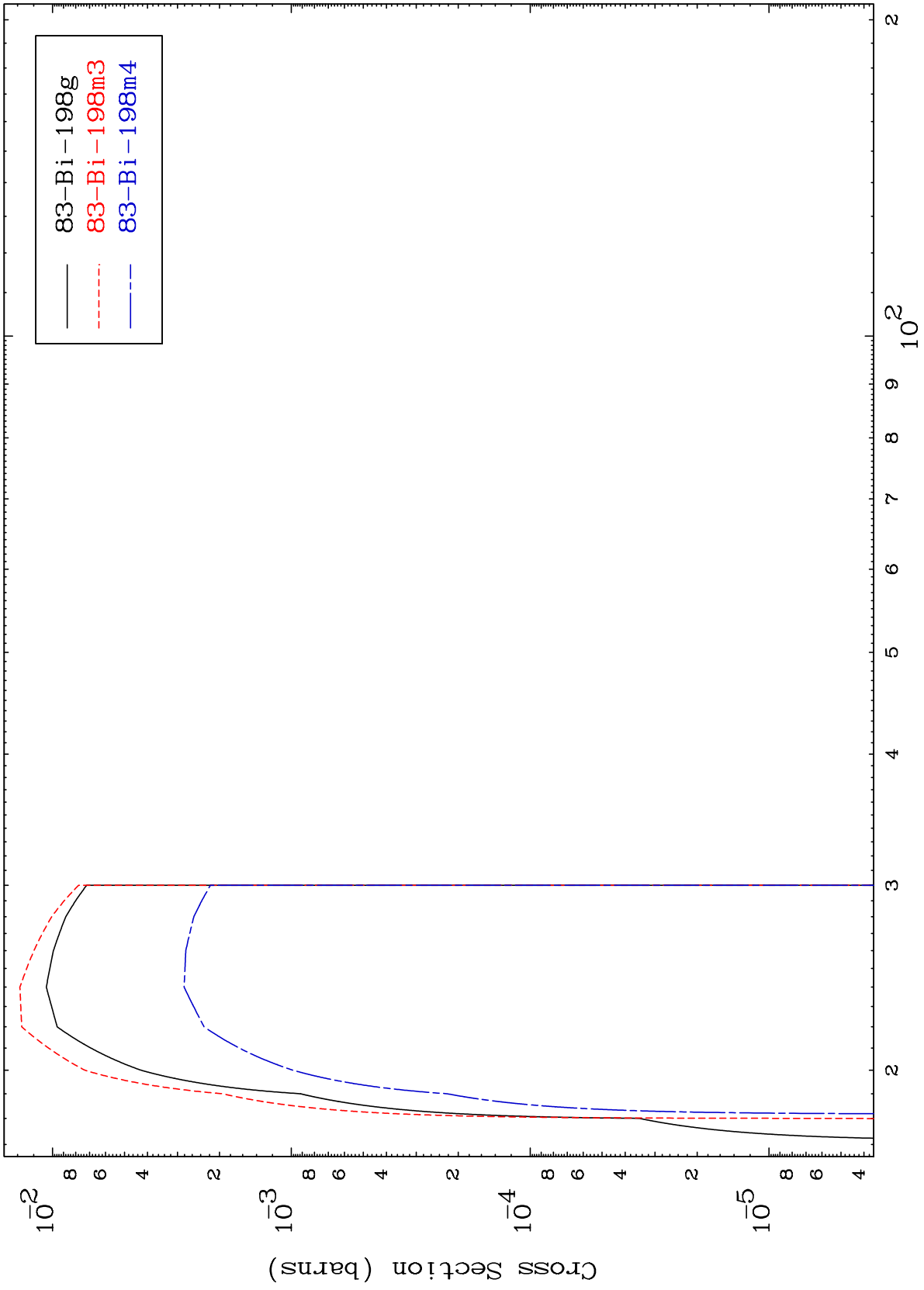
Incident Energy (MeV)

10

MAT 8298

83-Bi-200

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



11

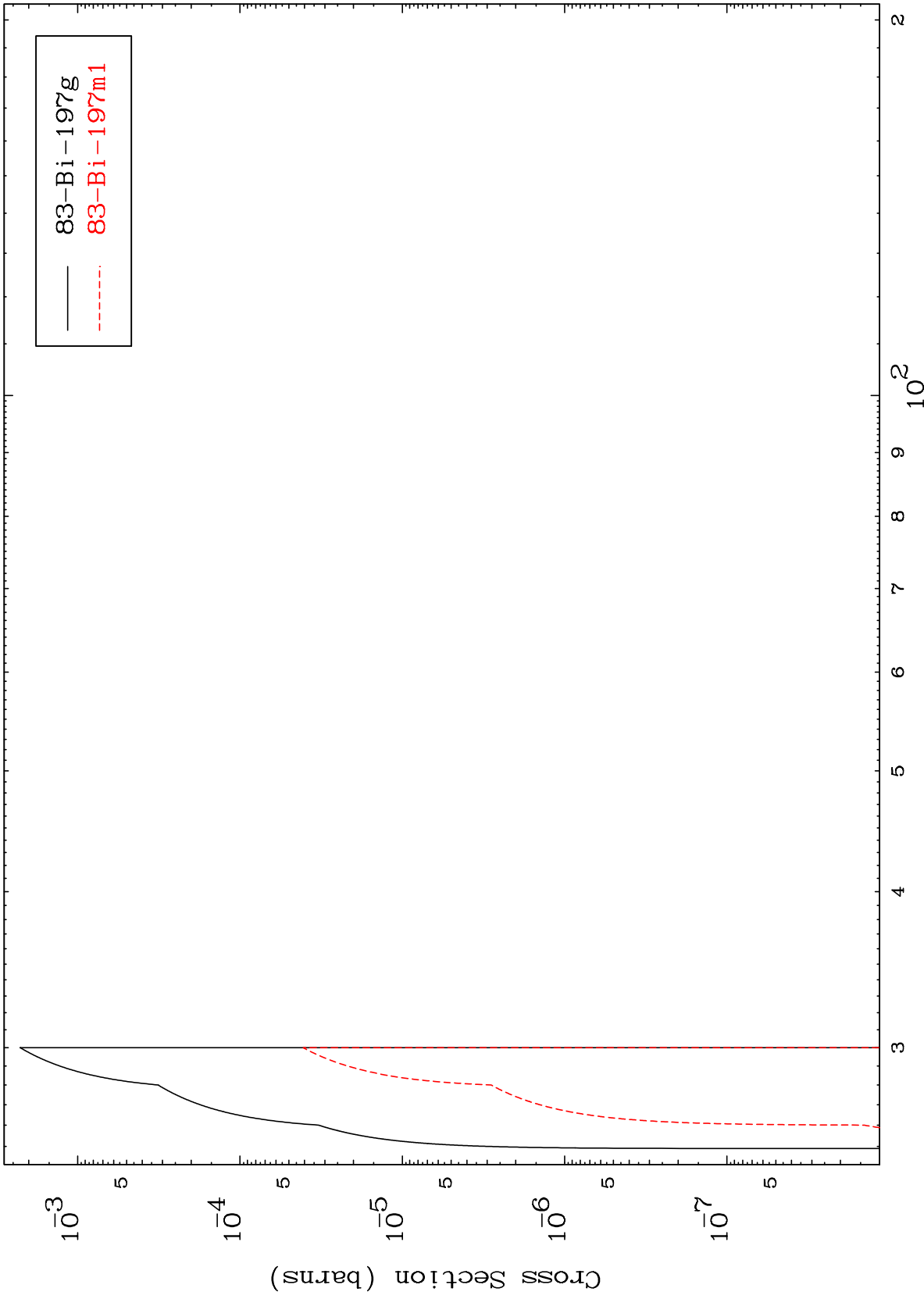
Incident Energy (MeV)

83-Bi-200

MAT 8298

83-Bi-200

( $\gamma, 3n$ )  
Radionuclide Production Cross Section



12

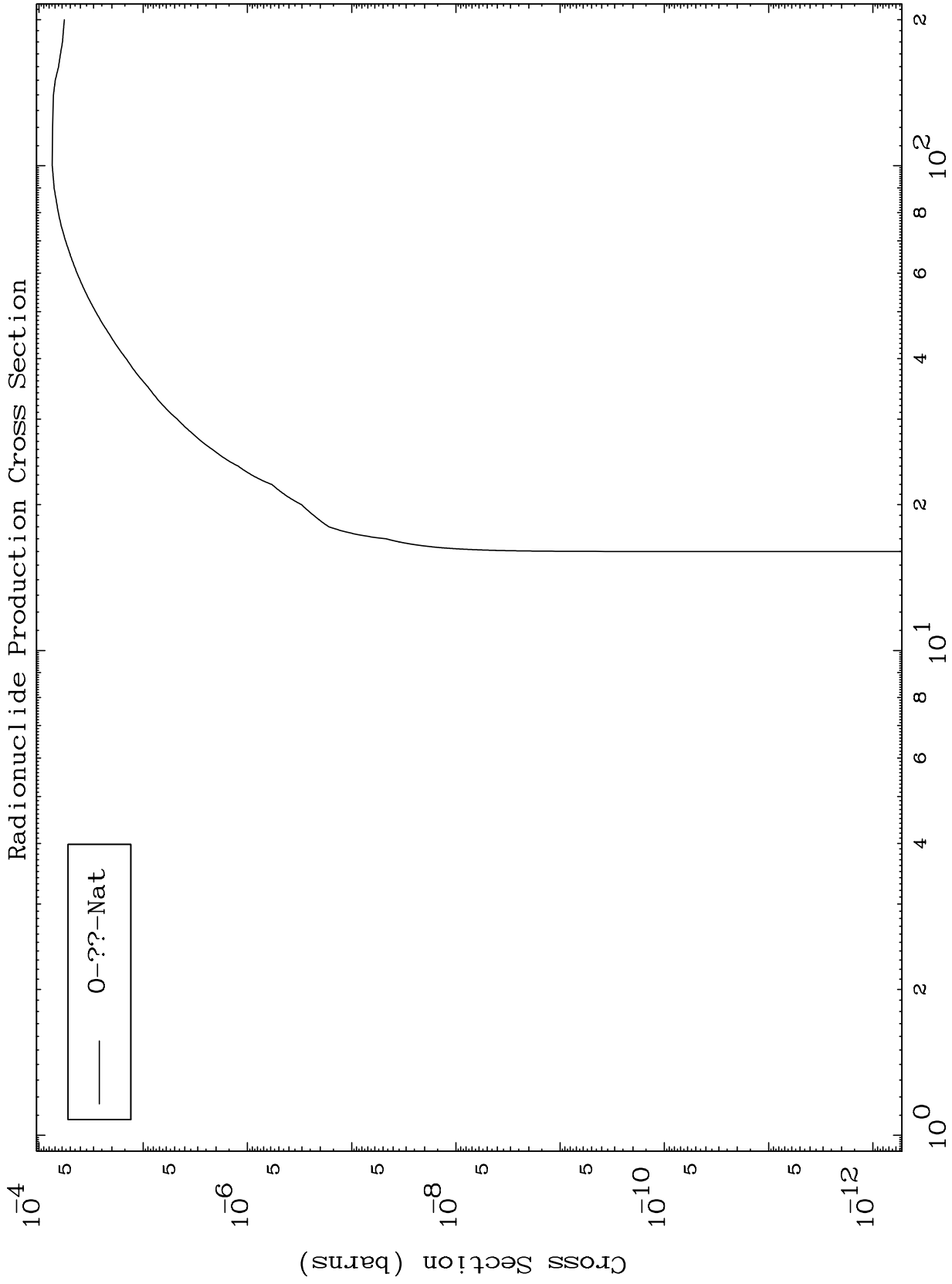
83-Bi-200

MAT 8298

Photon Fission

83-Bi-200

Radionuclide Production Cross Section



Incident Energy (MeV)

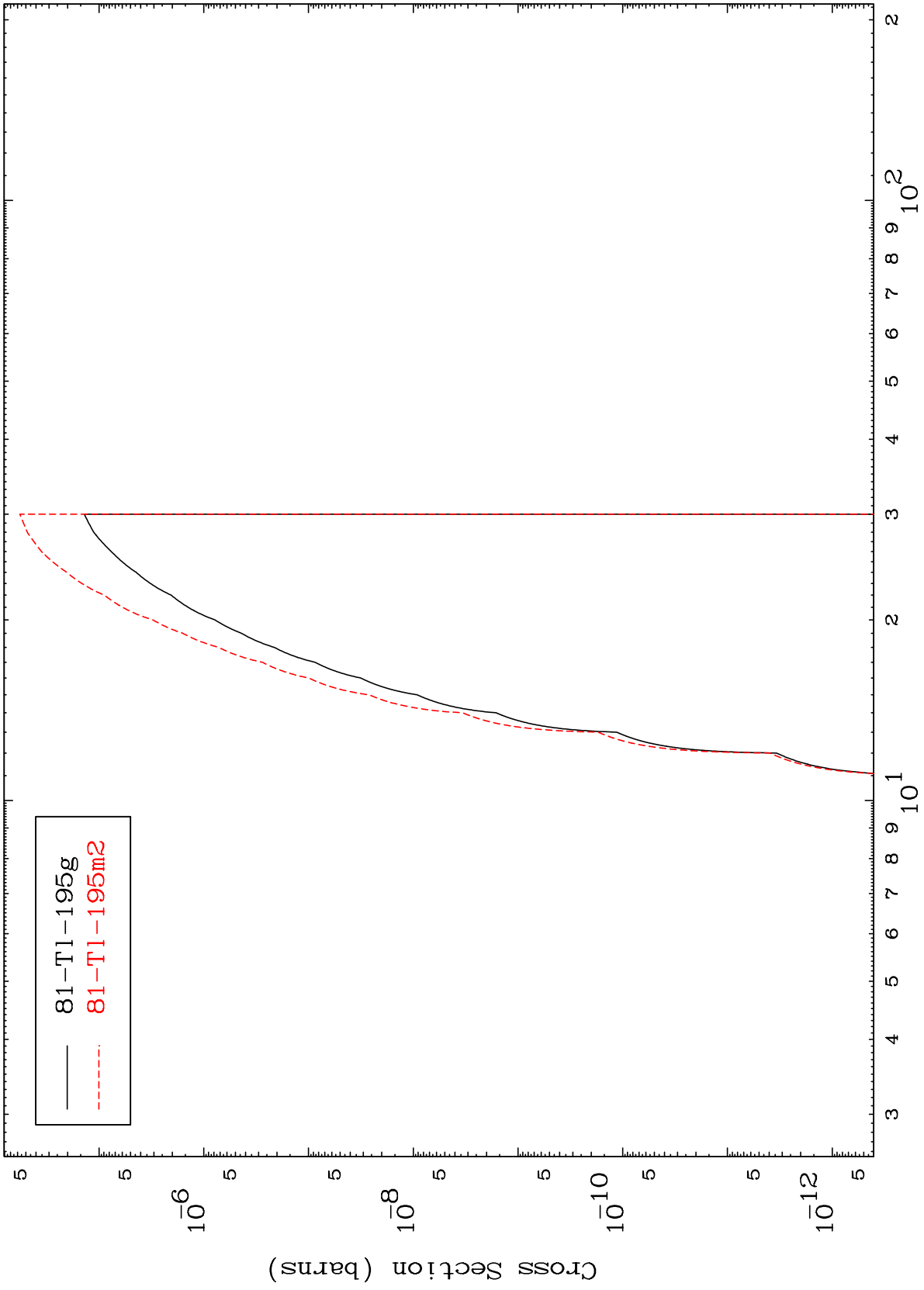
83-Bi-200

13

MAT 8298

83-Bi-200

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



14

Incident Energy (MeV)

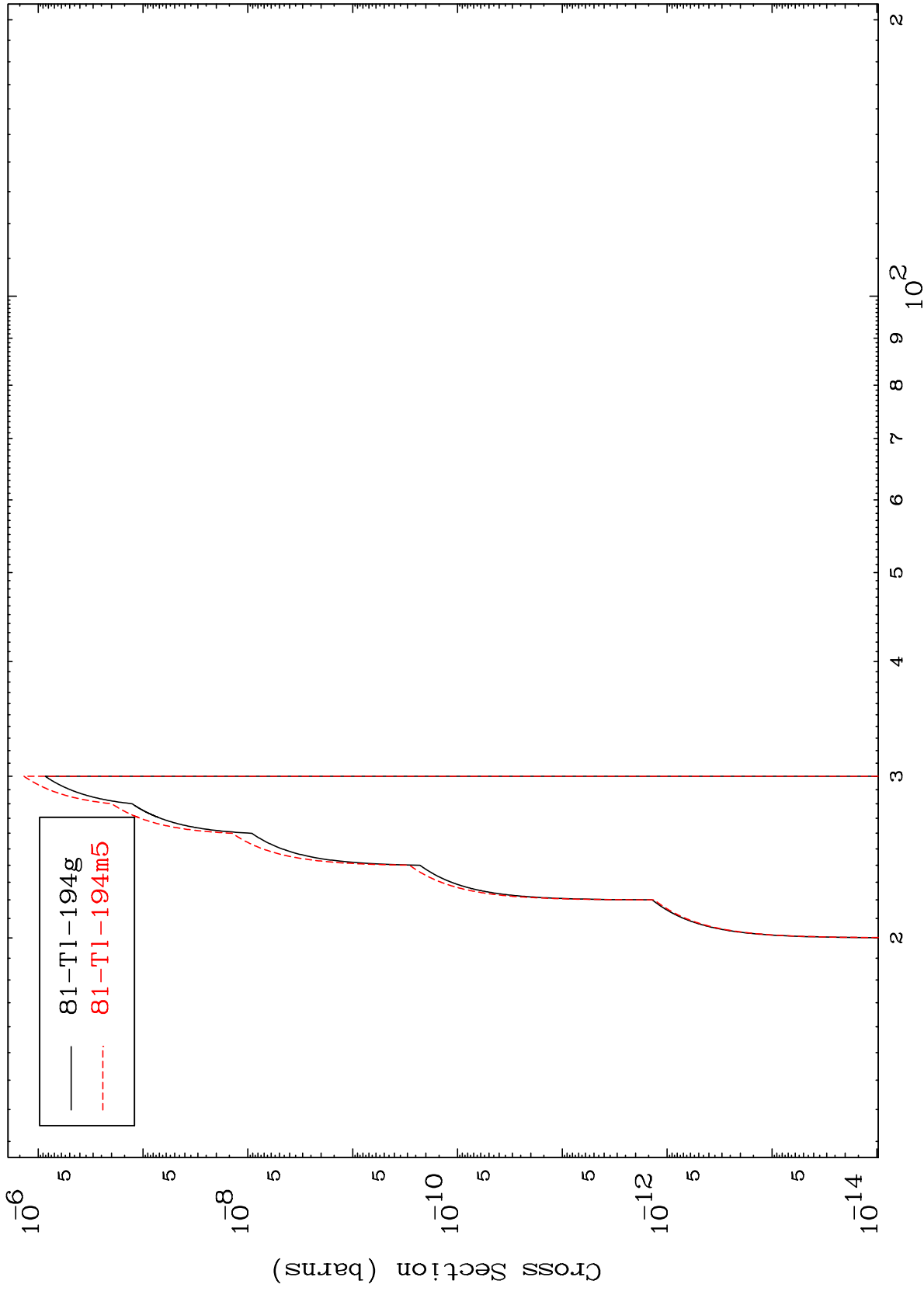
83-Bi-200

MAT 8298

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

83-Bi-200

Radionuclide Production Cross Section



15

Incident Energy (MeV)

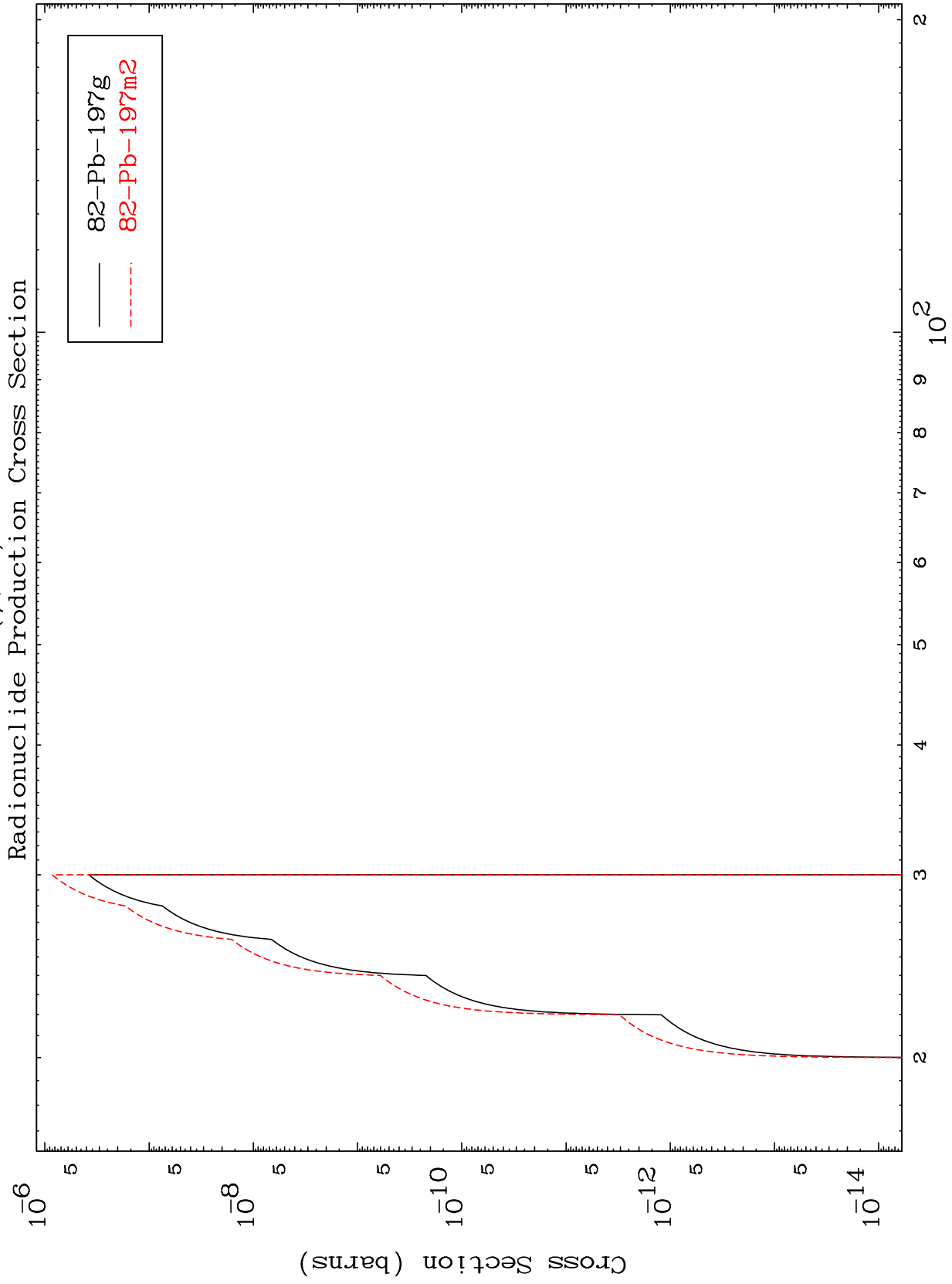
83-Bi-200



MAT 8298

( $\gamma, n'$ ) d

83-Bi-200



16

Incident Energy (MeV)

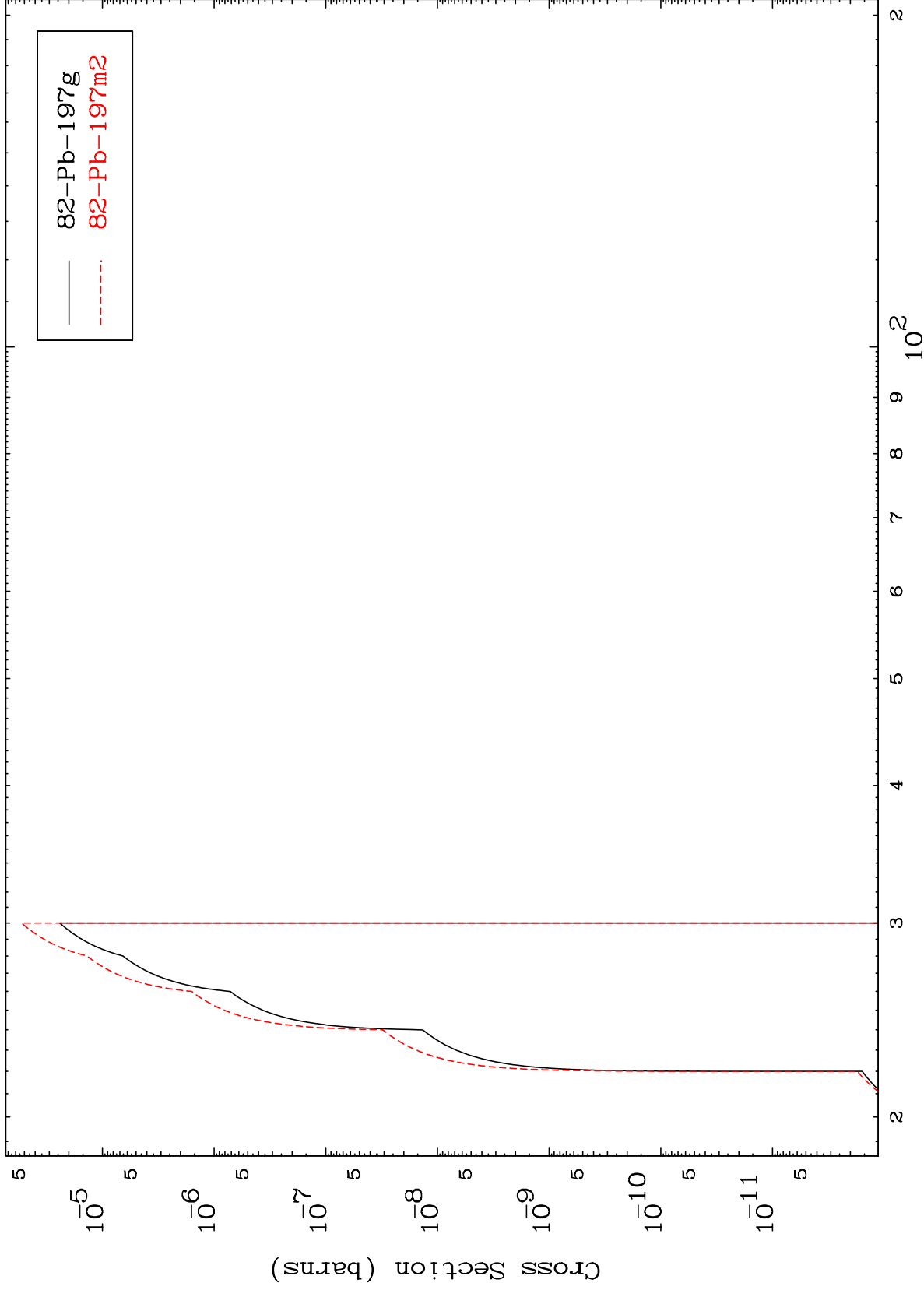
83-Bi-200

MAT 8298

$(\gamma, 2n)$  p

83-Bi-200

Radionuclide Production Cross Section



17

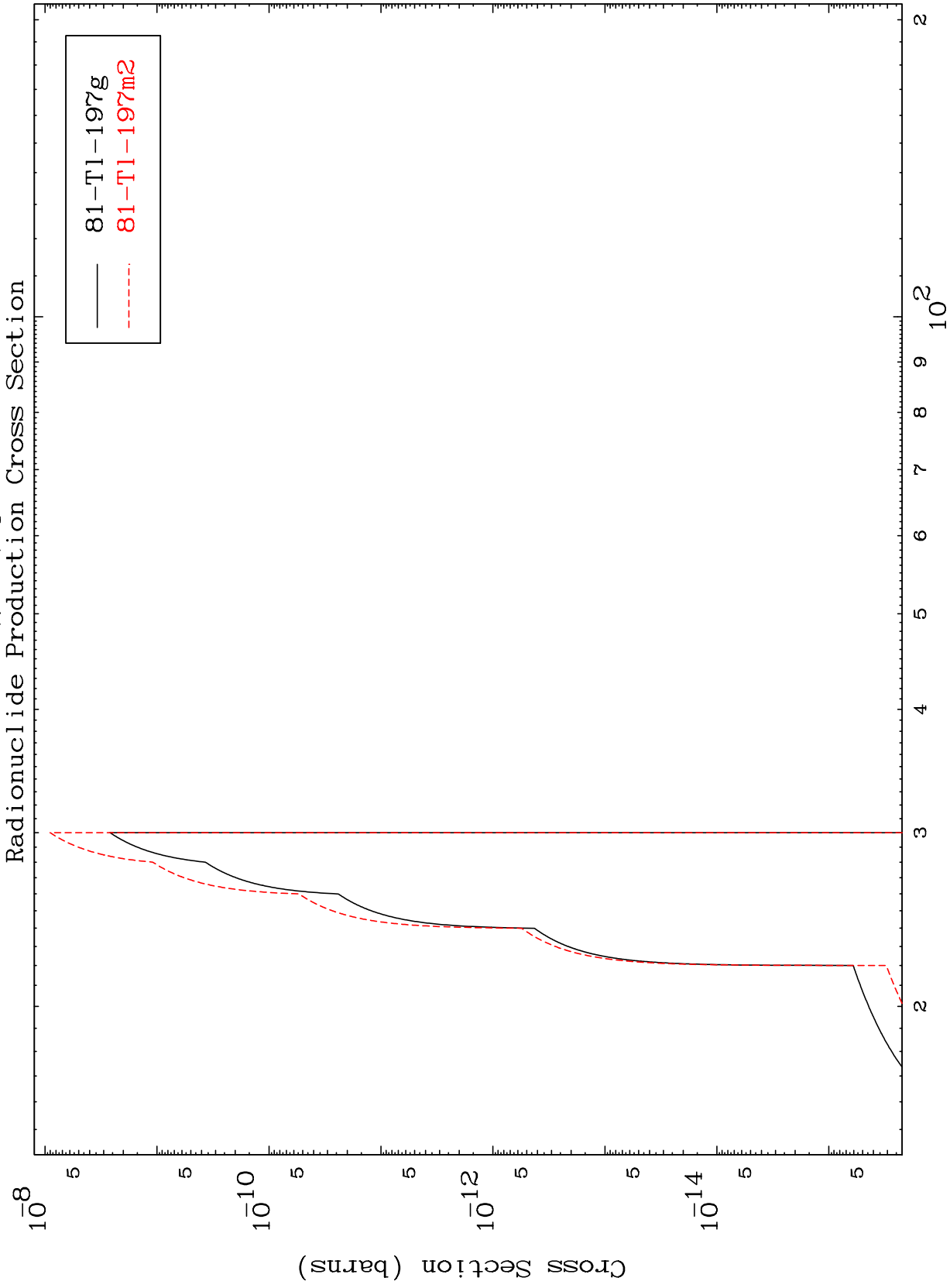
Incident Energy (MeV)

83-Bi-200

MAT 8298

( $\gamma, 2n$ ) p

83-Bi-200



18

Incident Energy (MeV)

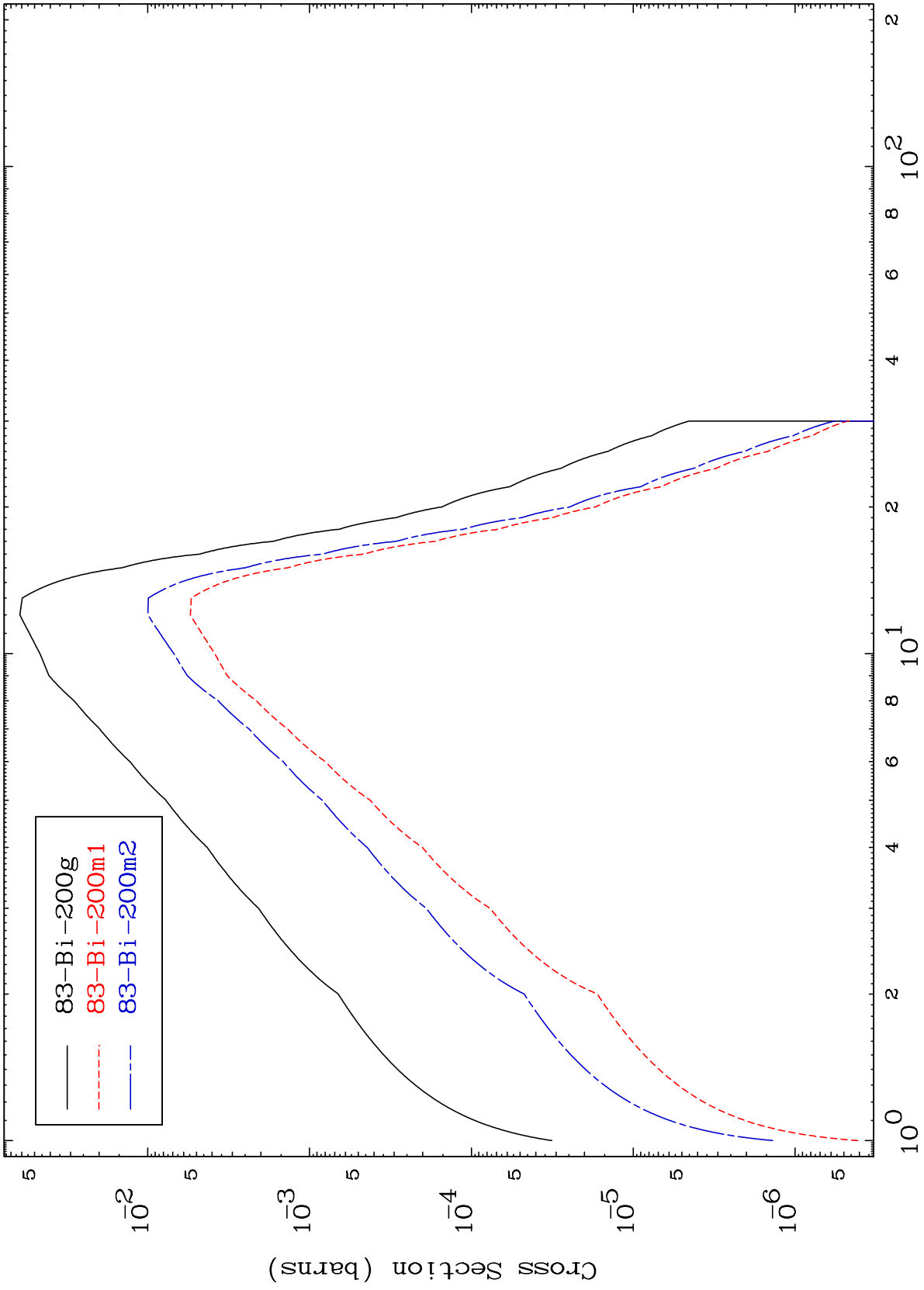
83-Bi-200

MAT 8298

83-Bi-200

Radionuclide Production Cross Section

( $\gamma, \gamma$ )



83-Bi-200g  
83-Bi-200ml  
83-Bi-200m2

83-Bi-200

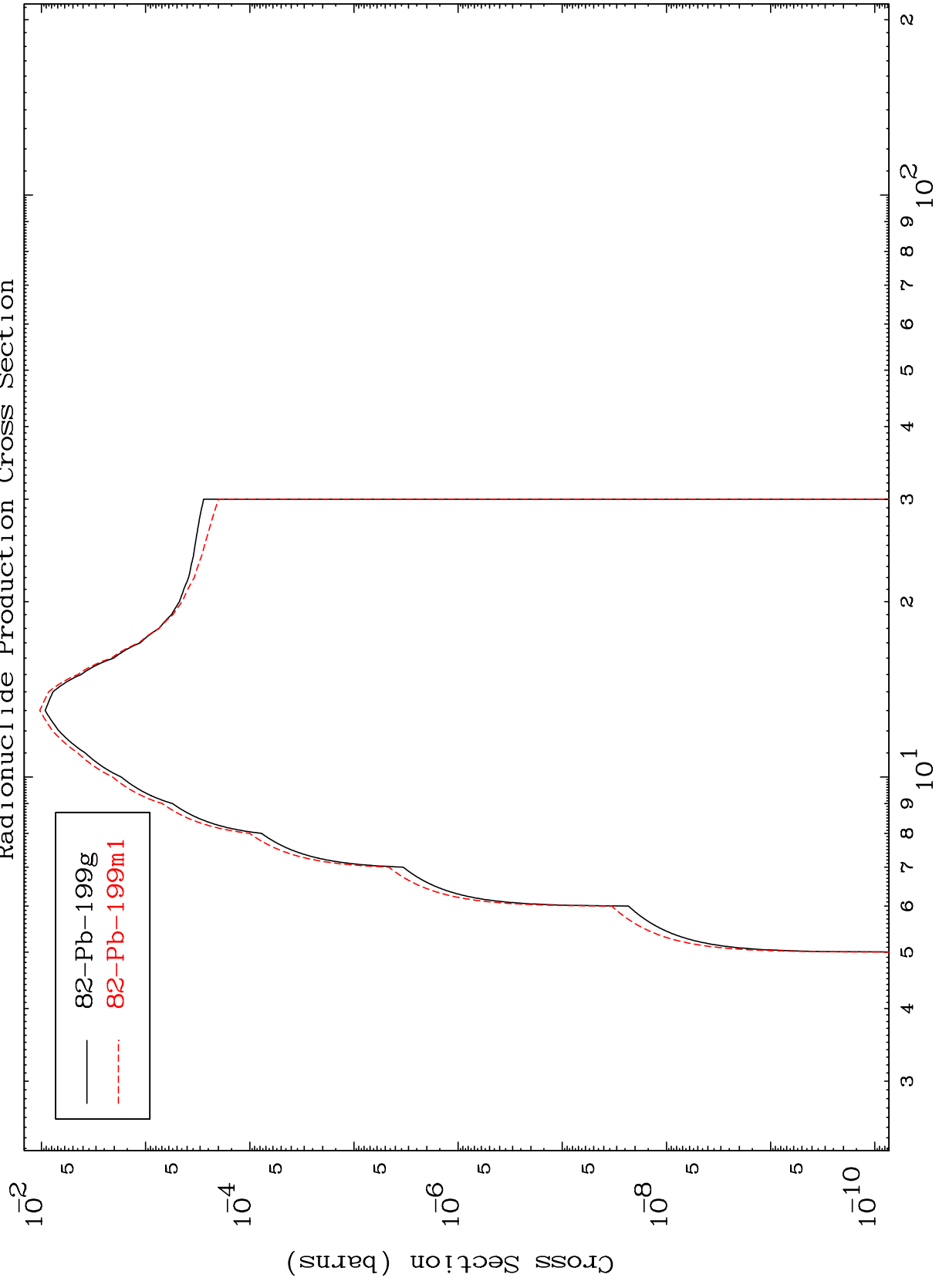
Incident Energy (MeV)

19

MAT 8298

83-Bi-200

Radionuclide Production Cross Section



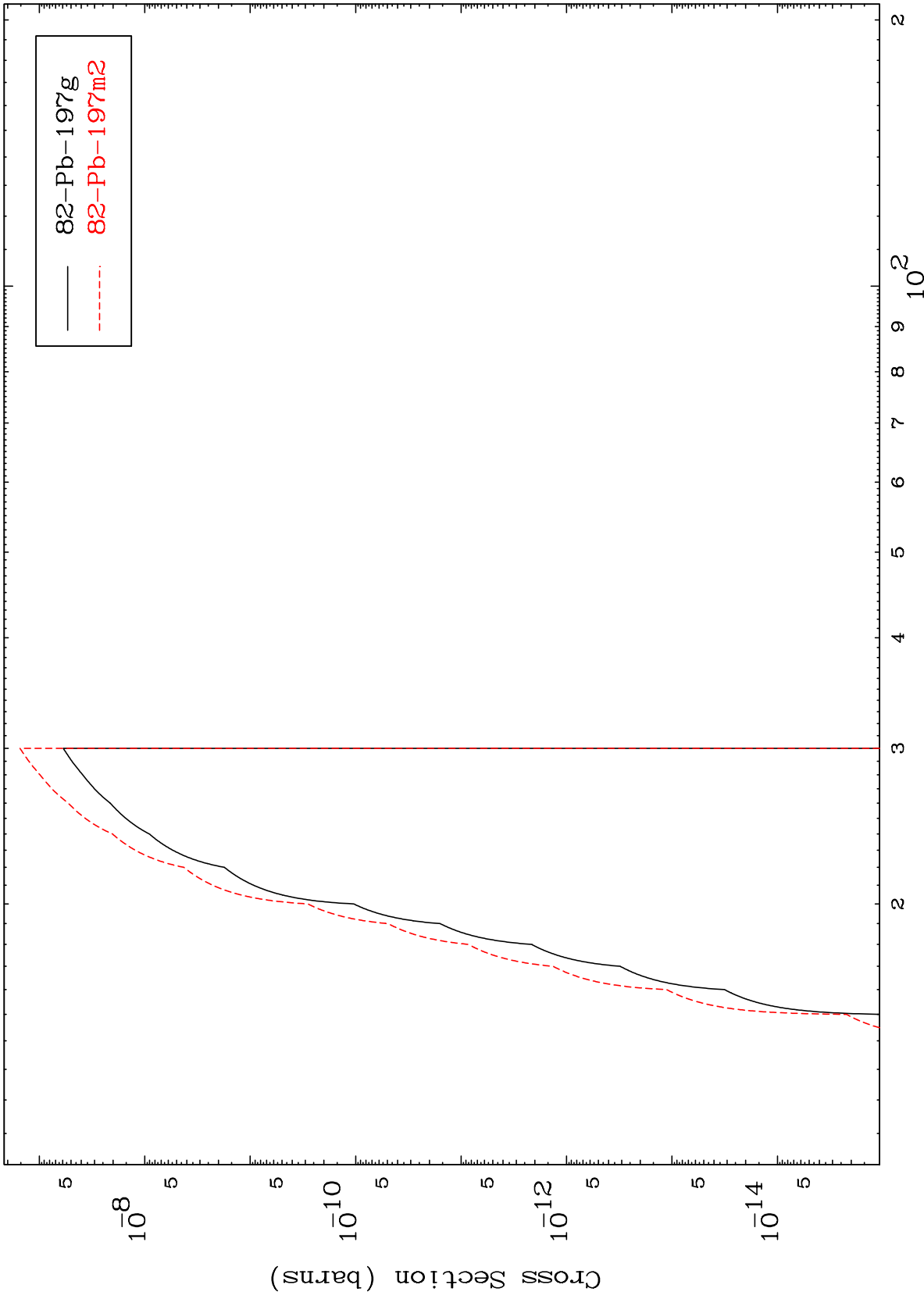
20

83-Bi-200

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83-Bi-200

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



21

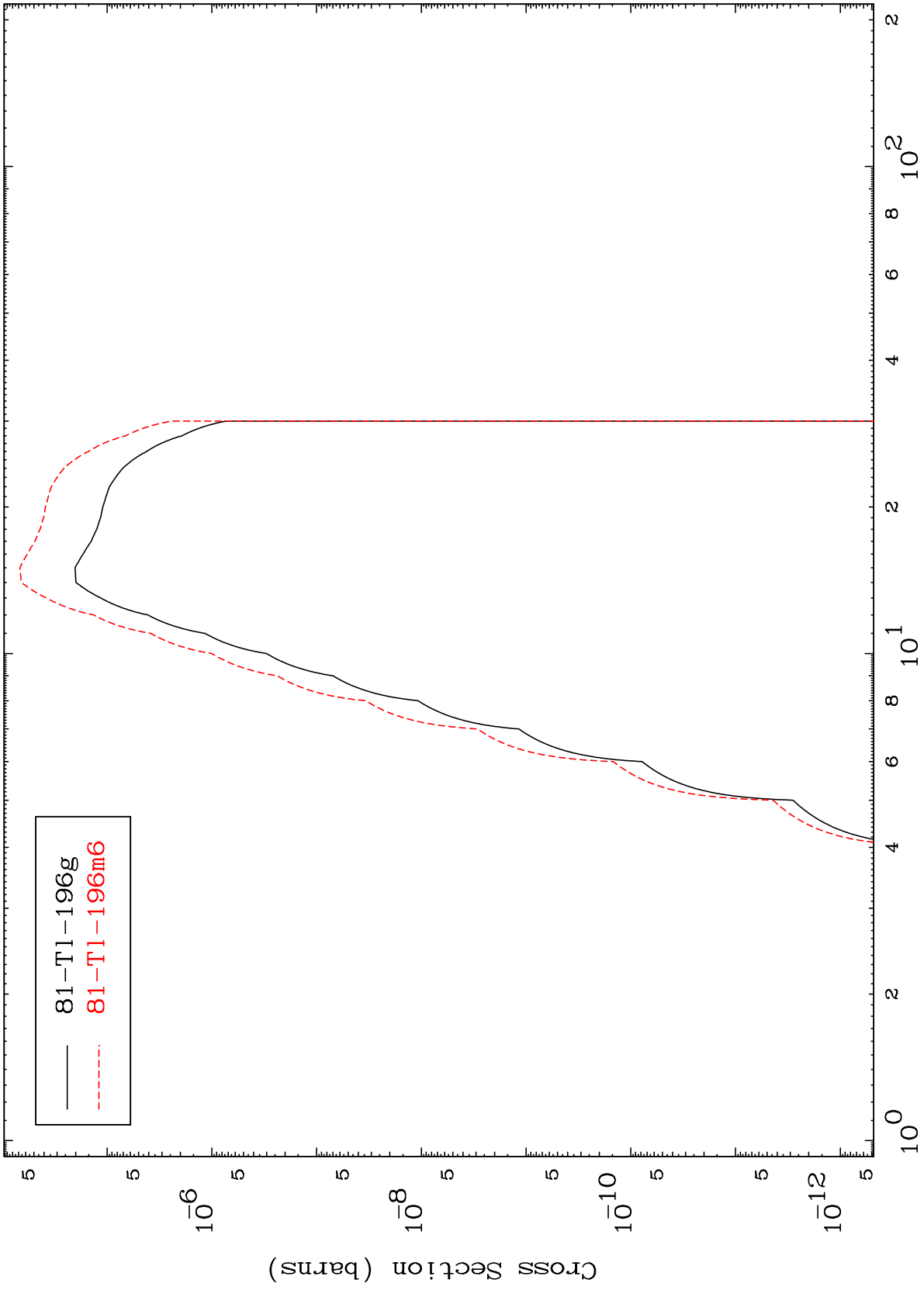
Incident Energy (MeV)

83-Bi-200

MAT 8298

83-Bi-200

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



22

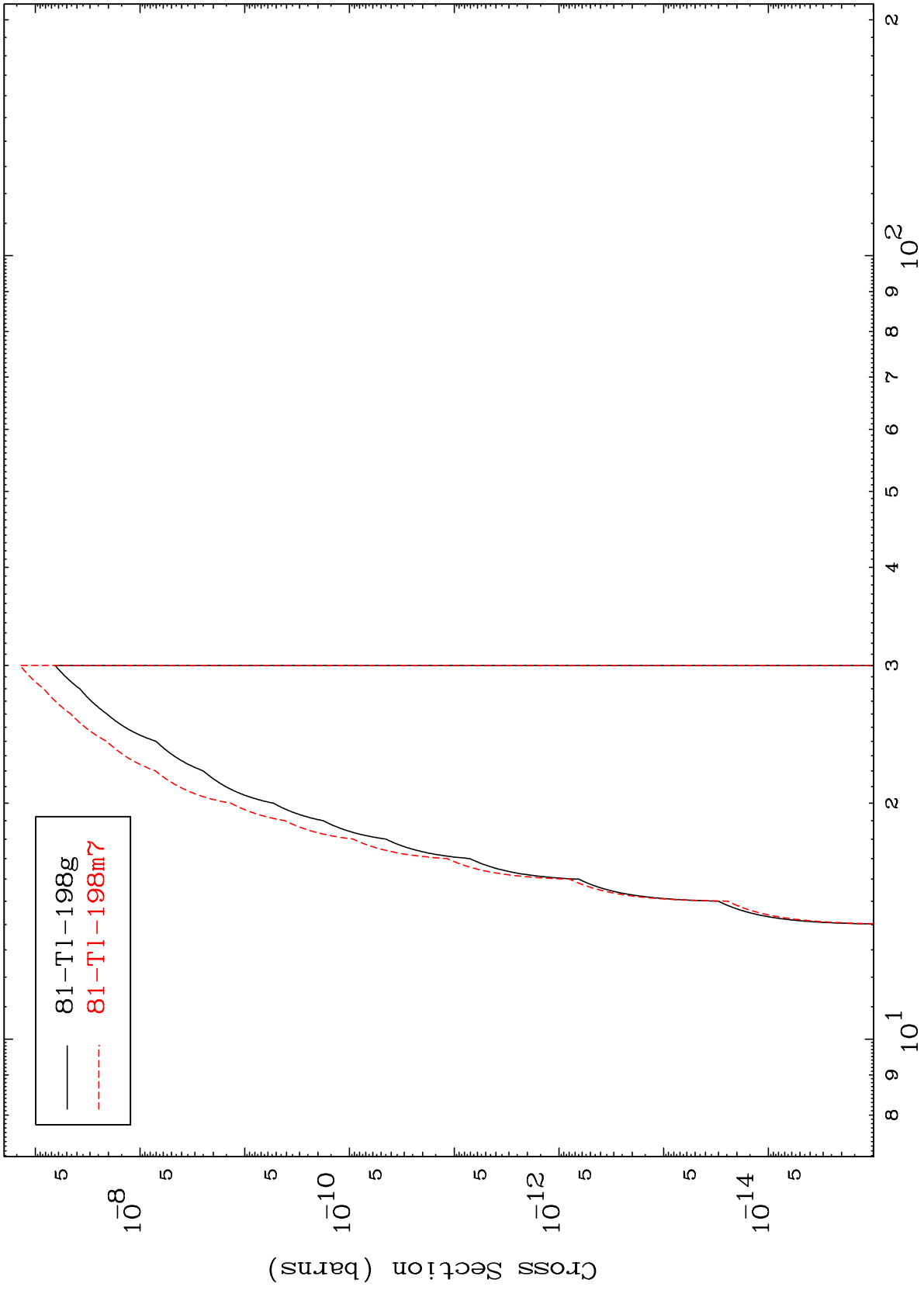
Incident Energy (MeV)

83-Bi-200

MAT 8298

83-Bi-200

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



23

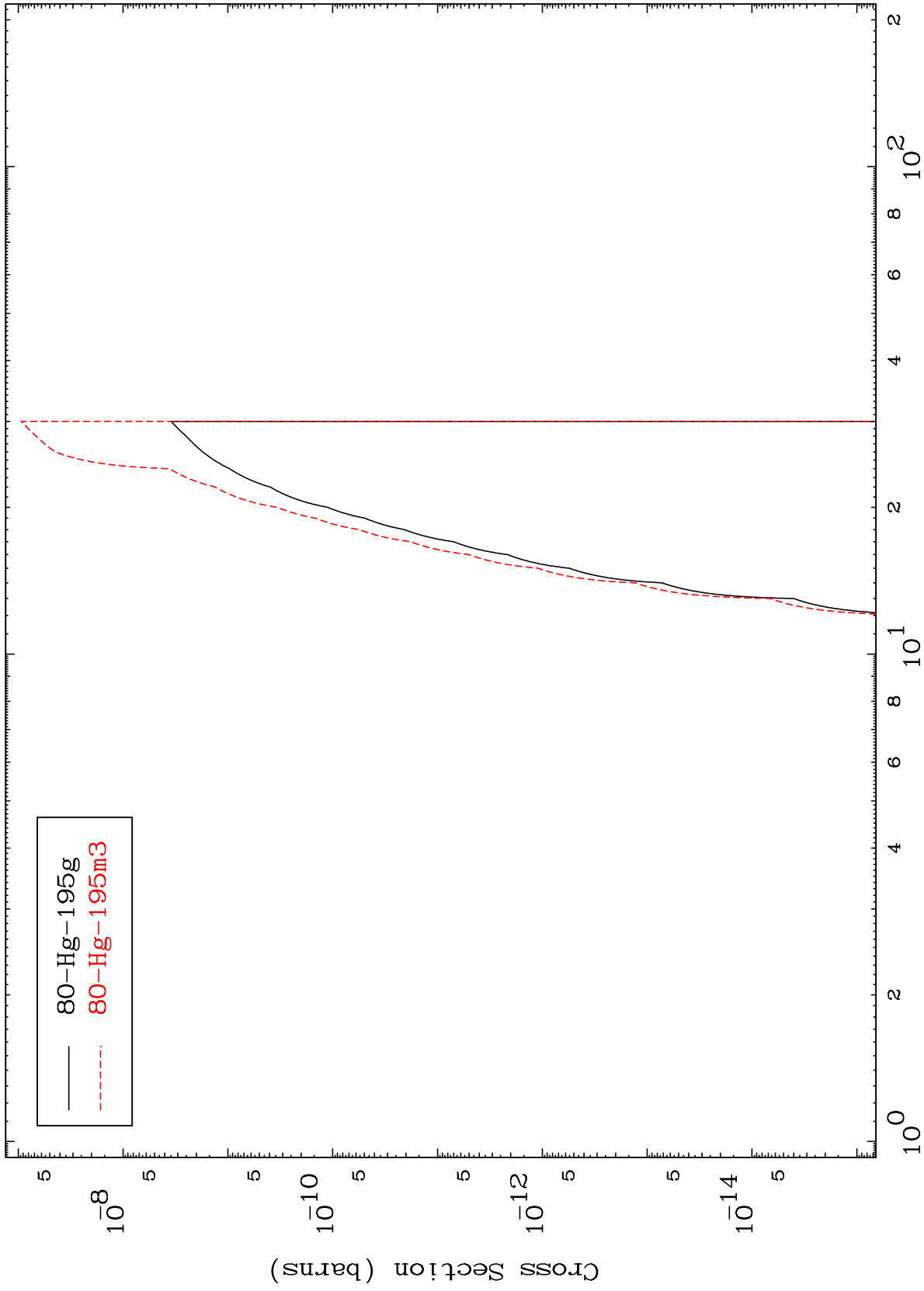


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( $\gamma, p$ )  $\alpha$

83-Bi-200

Radionuclide Production Cross Section



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Incident Energy (MeV)

83-Bi-200