

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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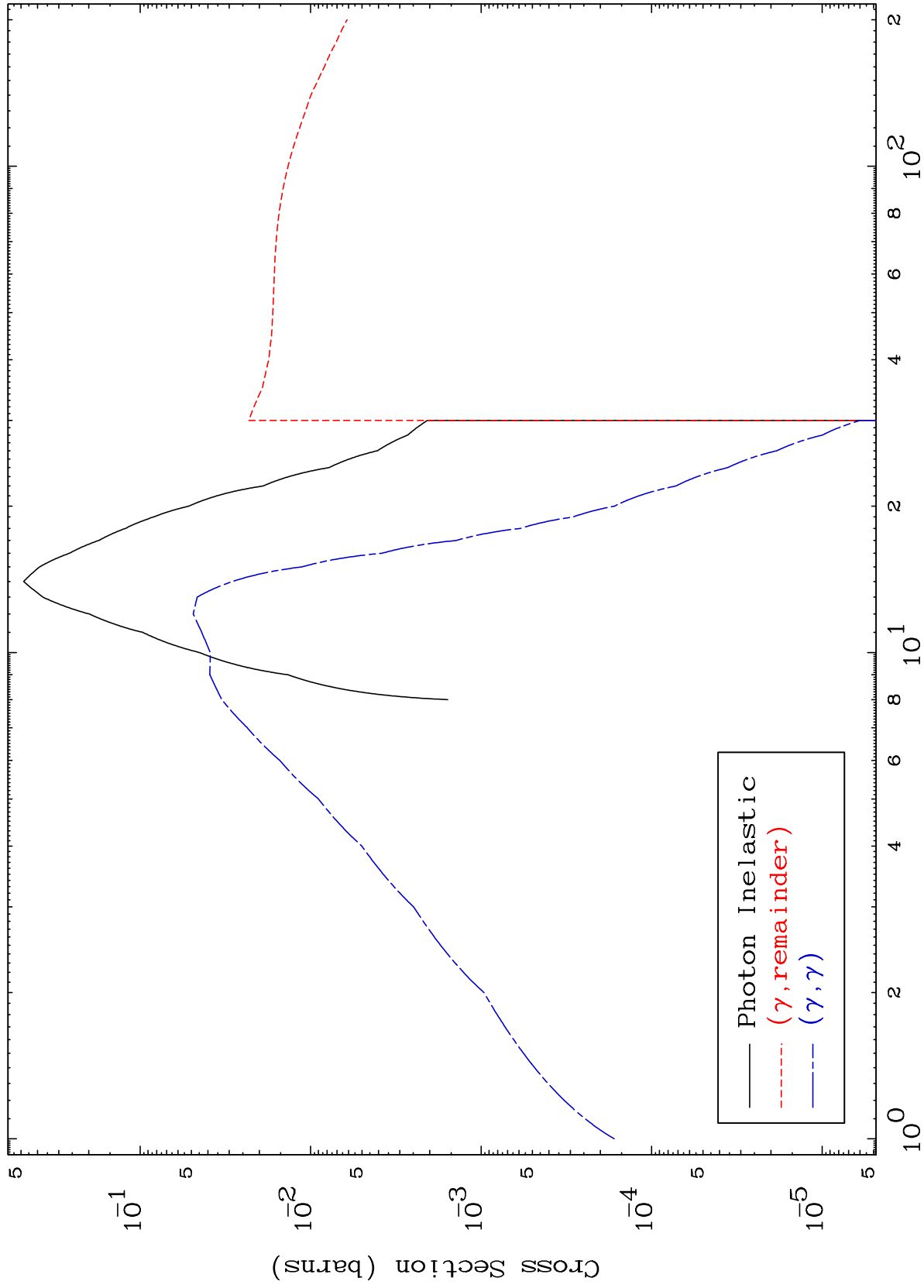
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

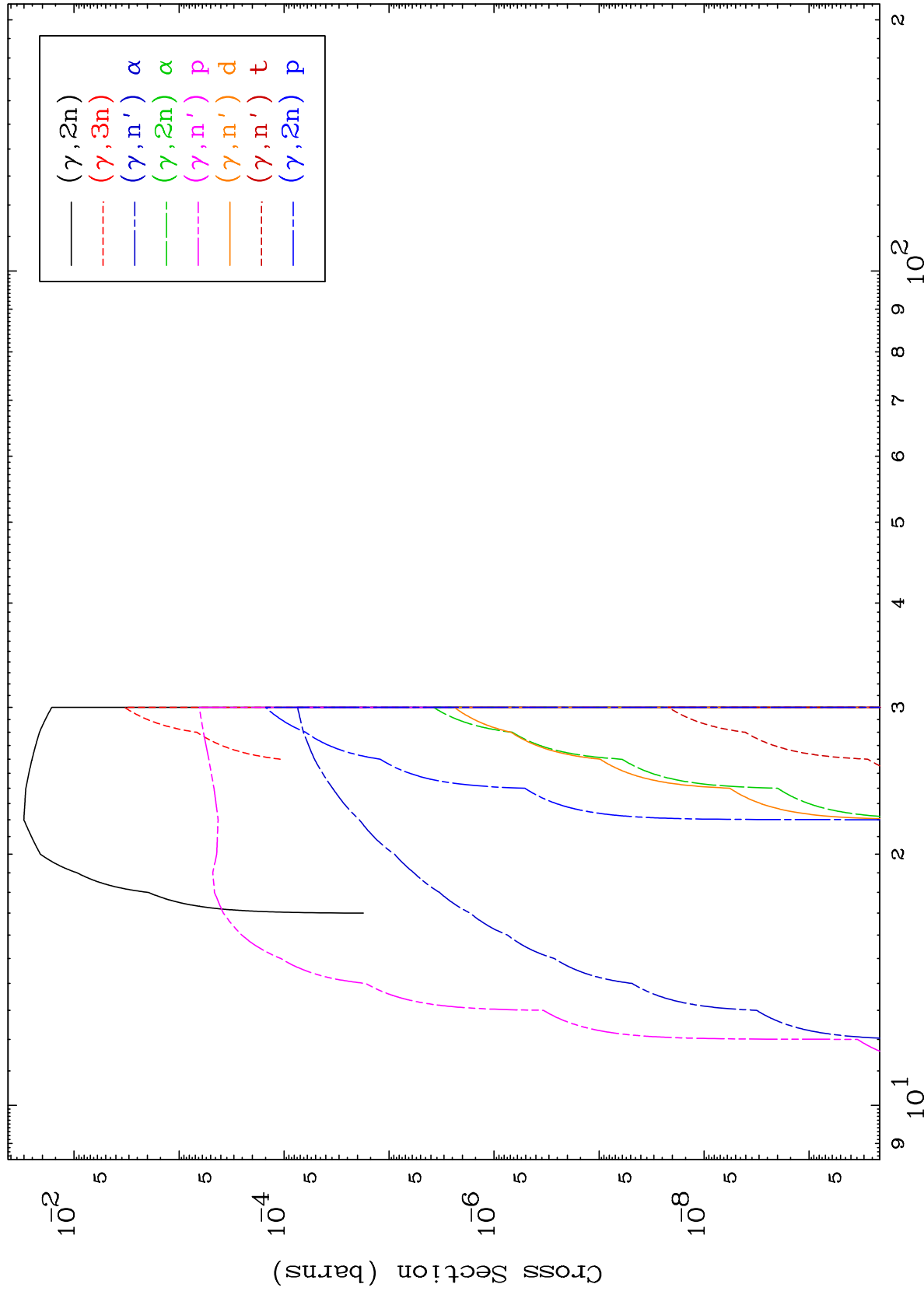
Press Mouse Button to Start

MAT 8299

Photon Major  
0 Kelvin Cross Sections

83-Bi-200

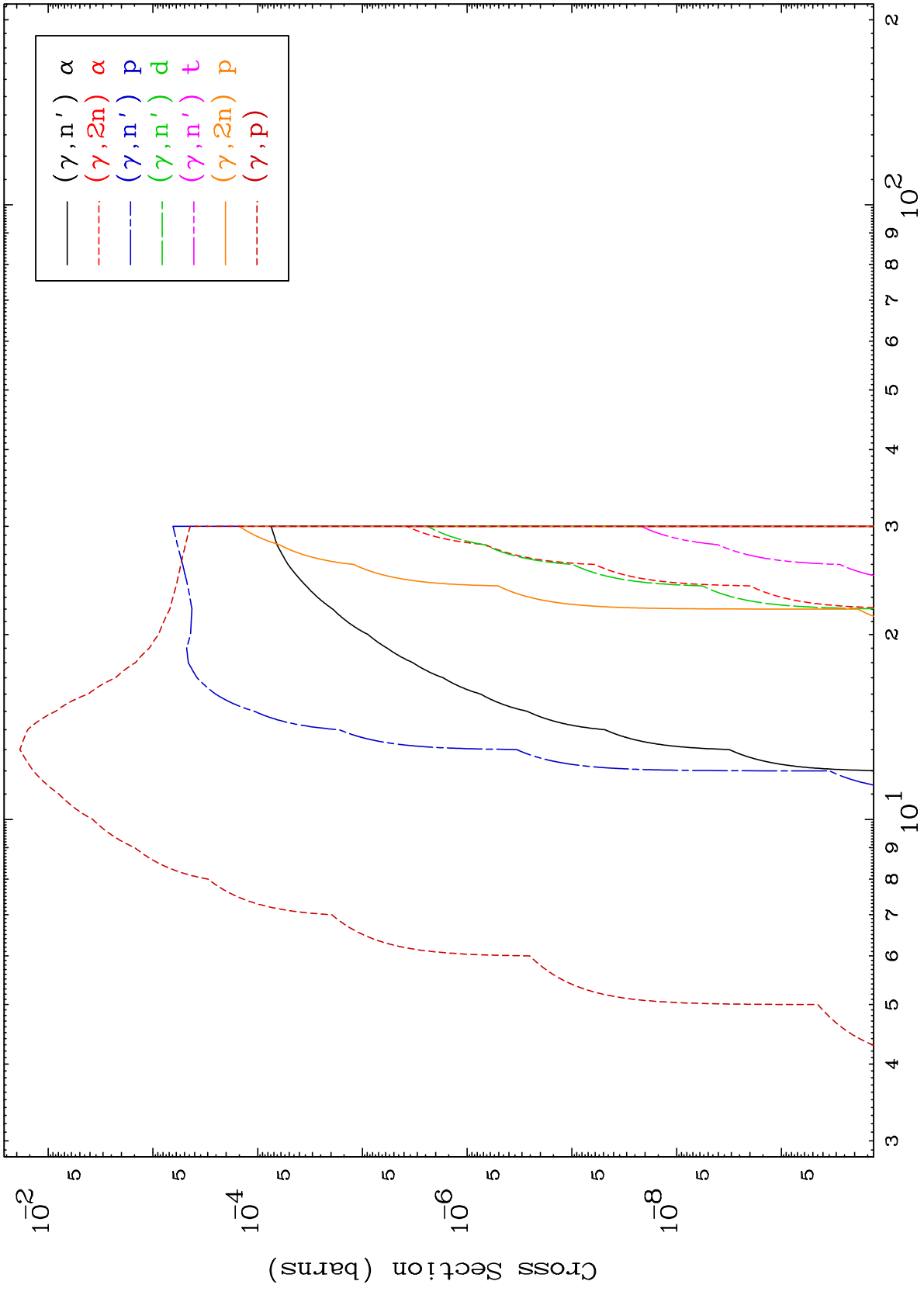




MAT 8299

Photon Charged Particle  
0 Kelvin Cross Sections

83-Bi-200



3

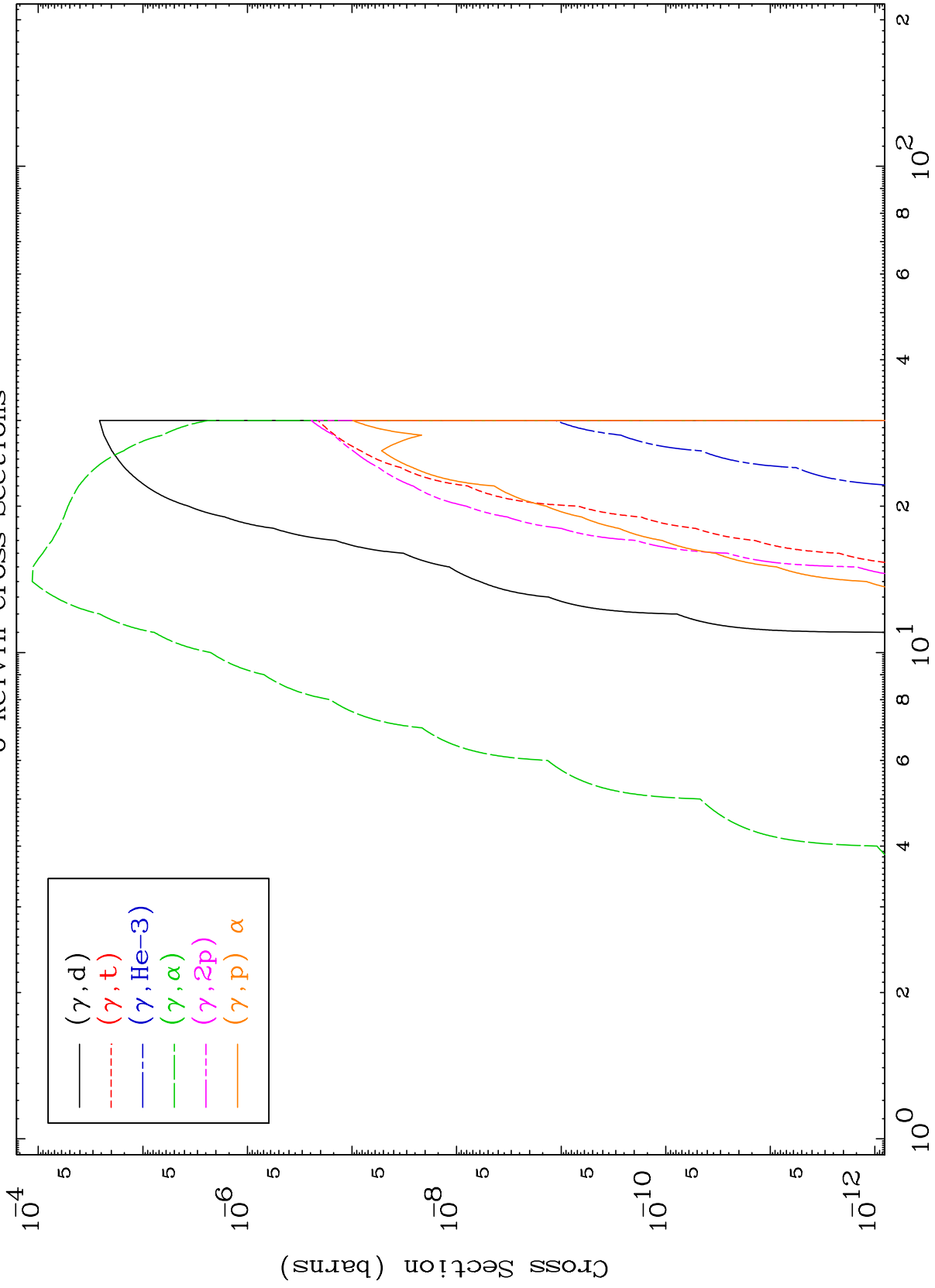
Incident Energy (MeV)

83-Bi-200

MAT 8299

Photon Charged Particle  
0 Kelvin Cross Sections

83-Bi-200



83-Bi-200

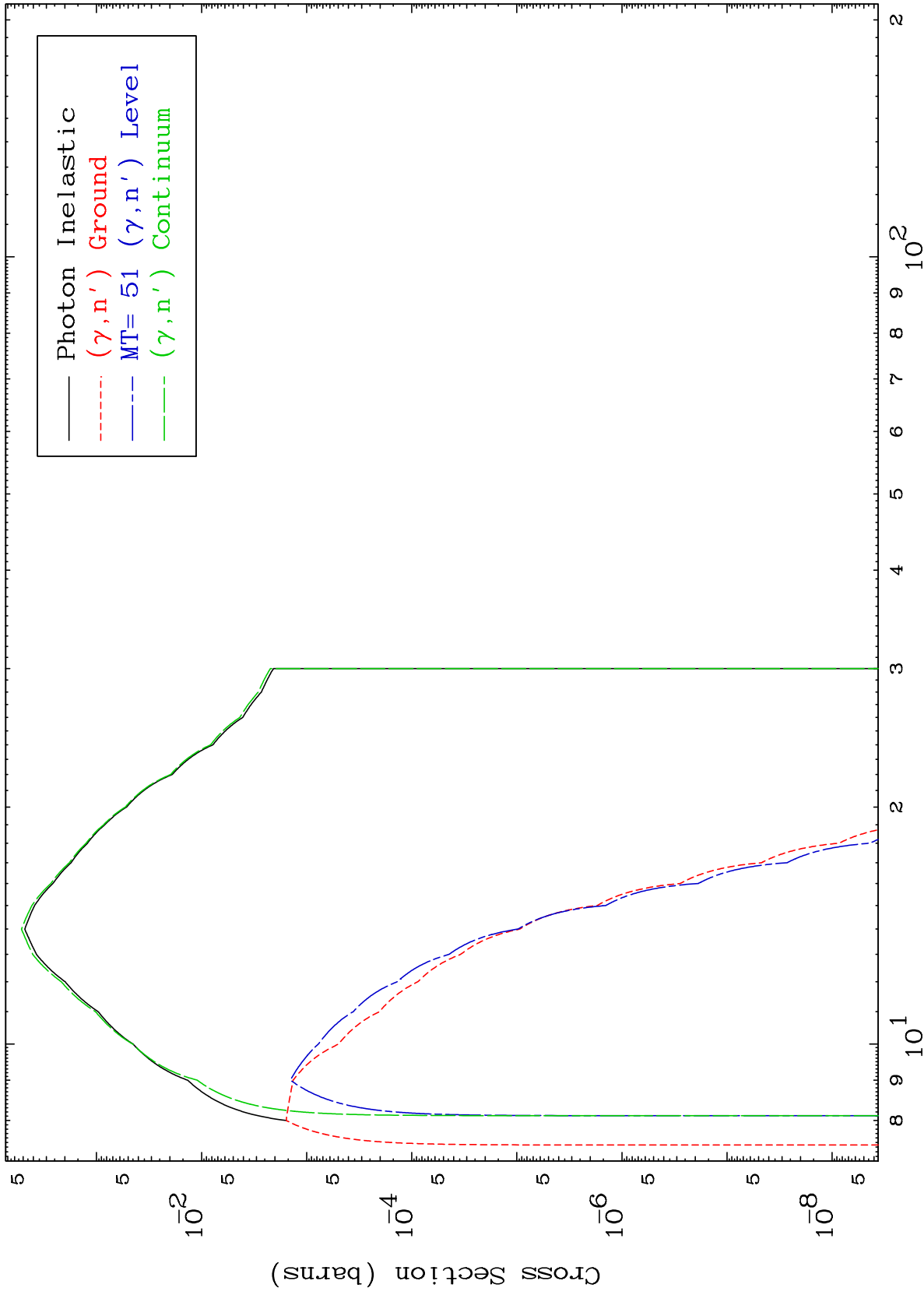
Incident Energy (MeV)

4

MAT 8299

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

83-Bi-200



5

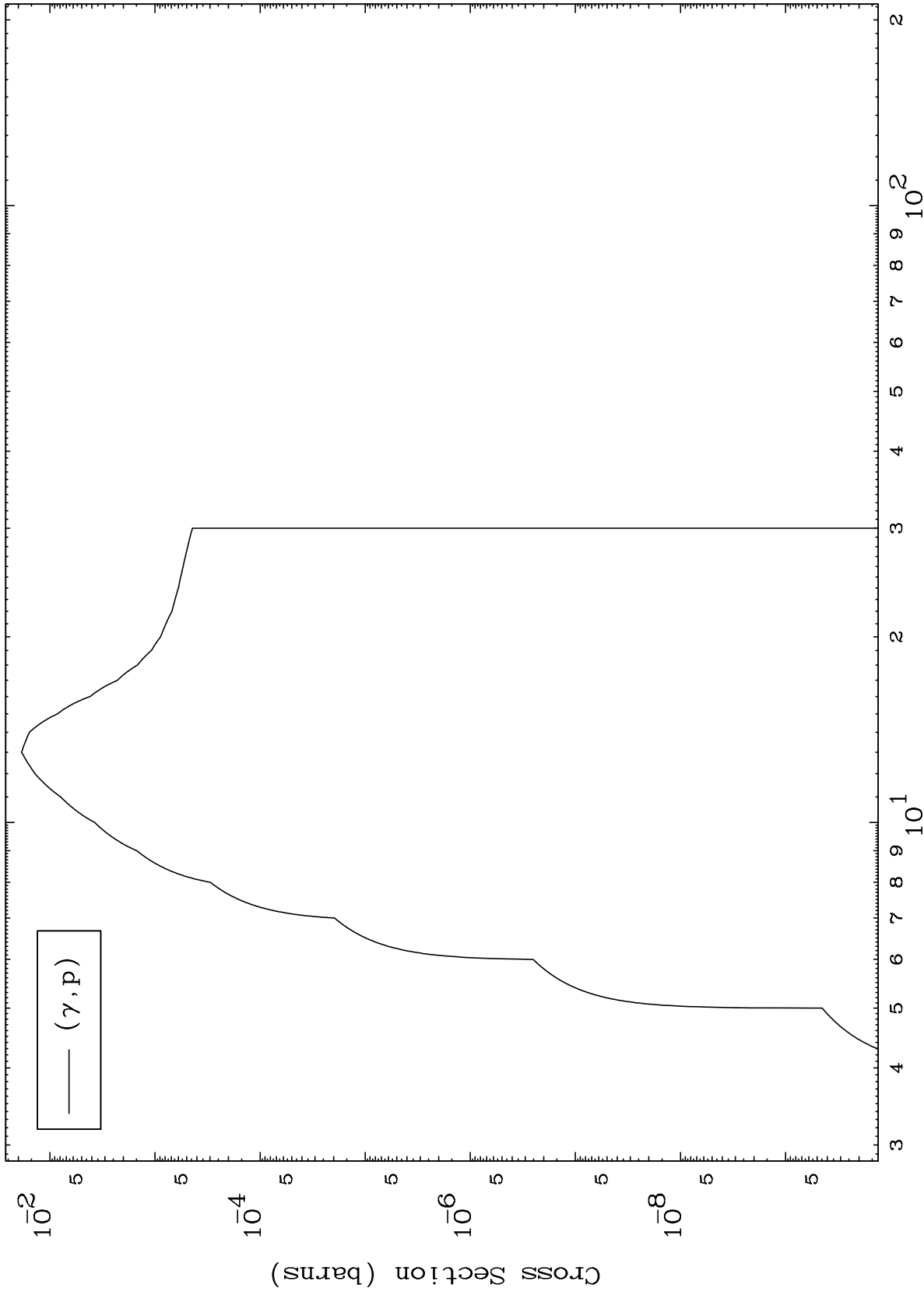
Incident Energy (MeV)

83-Bi-200

MAT 8299

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

83-Bi-200



6

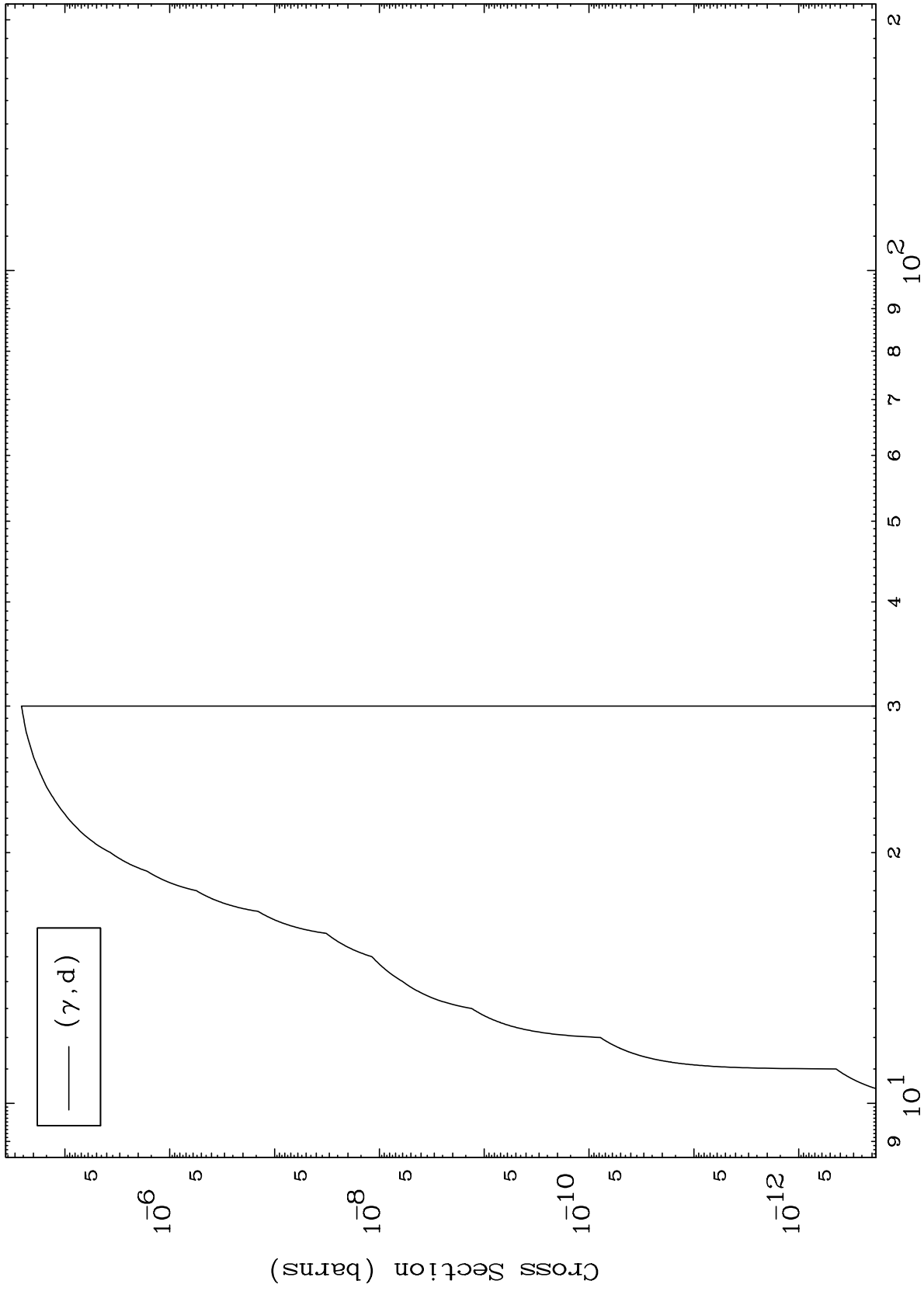
Incident Energy (MeV)

83-Bi-200

MAT 8299

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

83-Bi-200

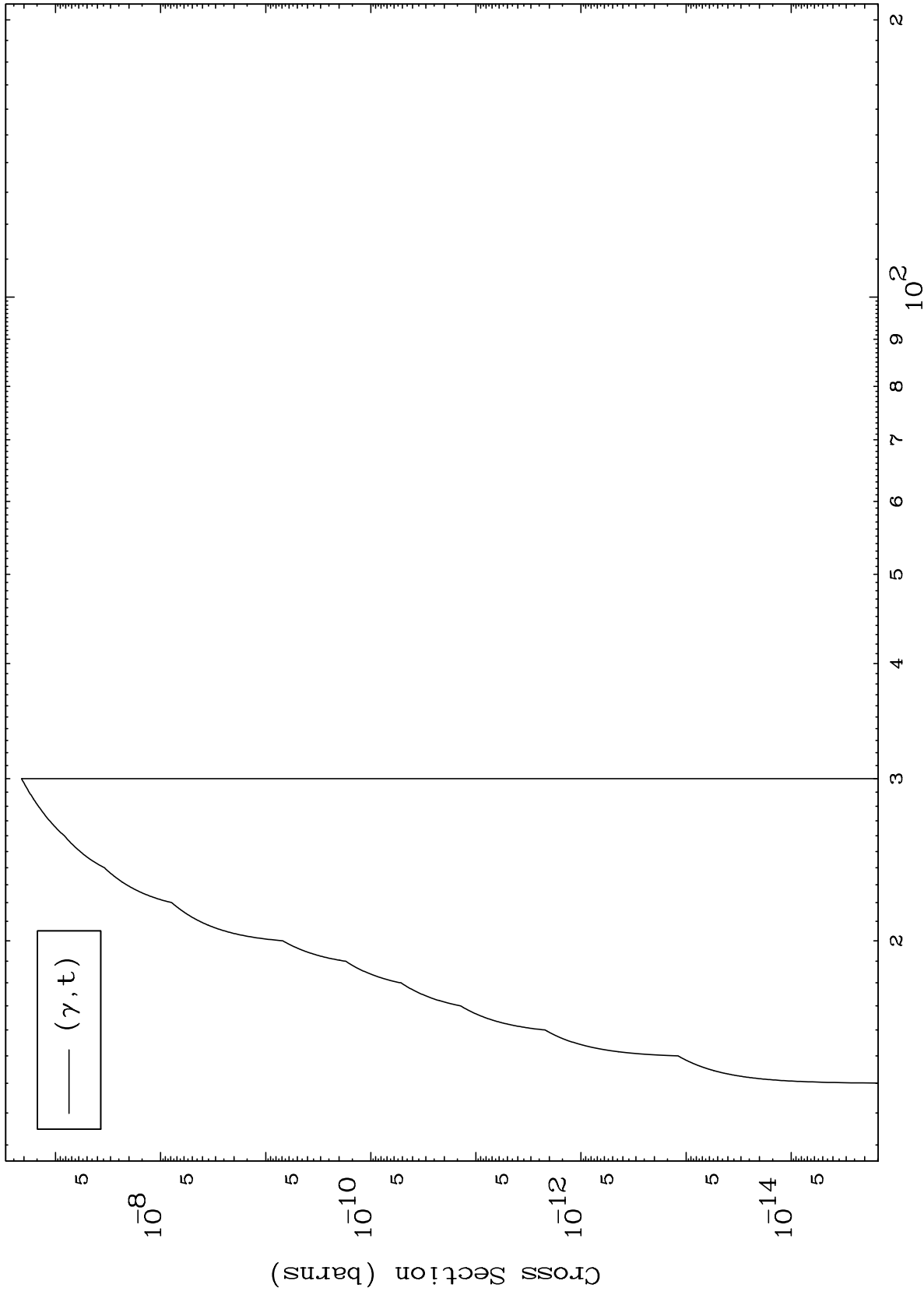


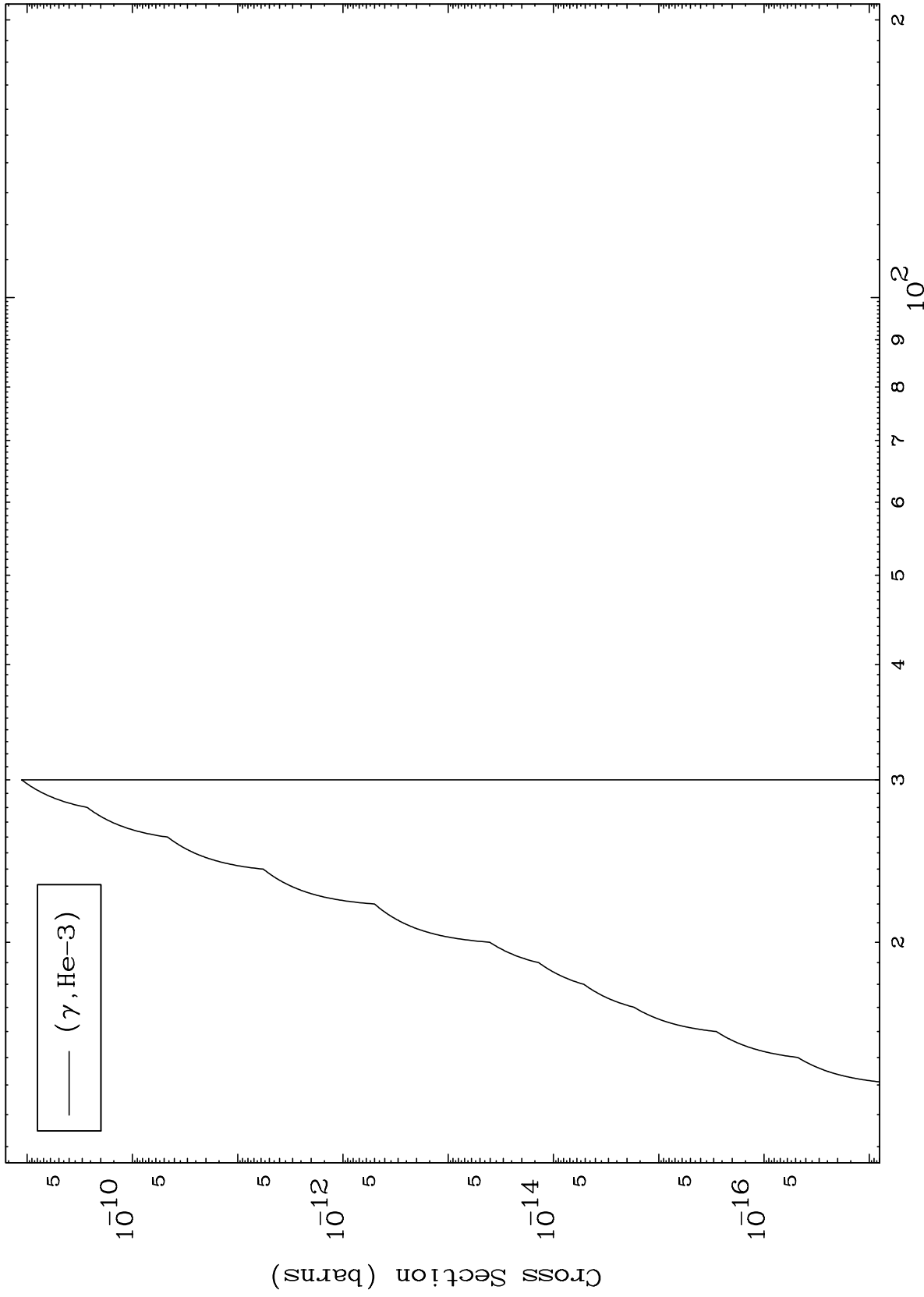
7

Incident Energy (MeV)

83-Bi-200



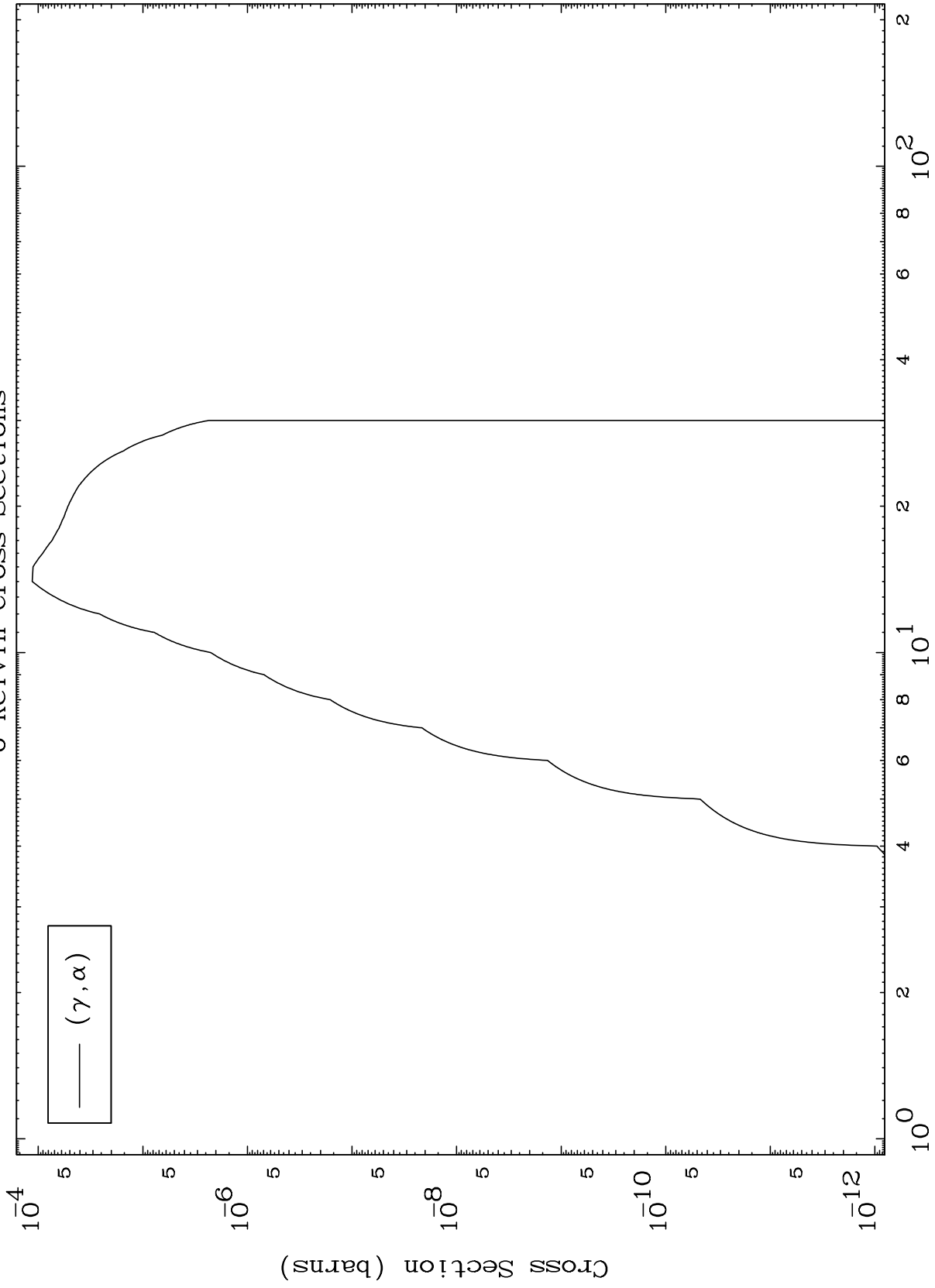




MAT 8299

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

83-Bi-200



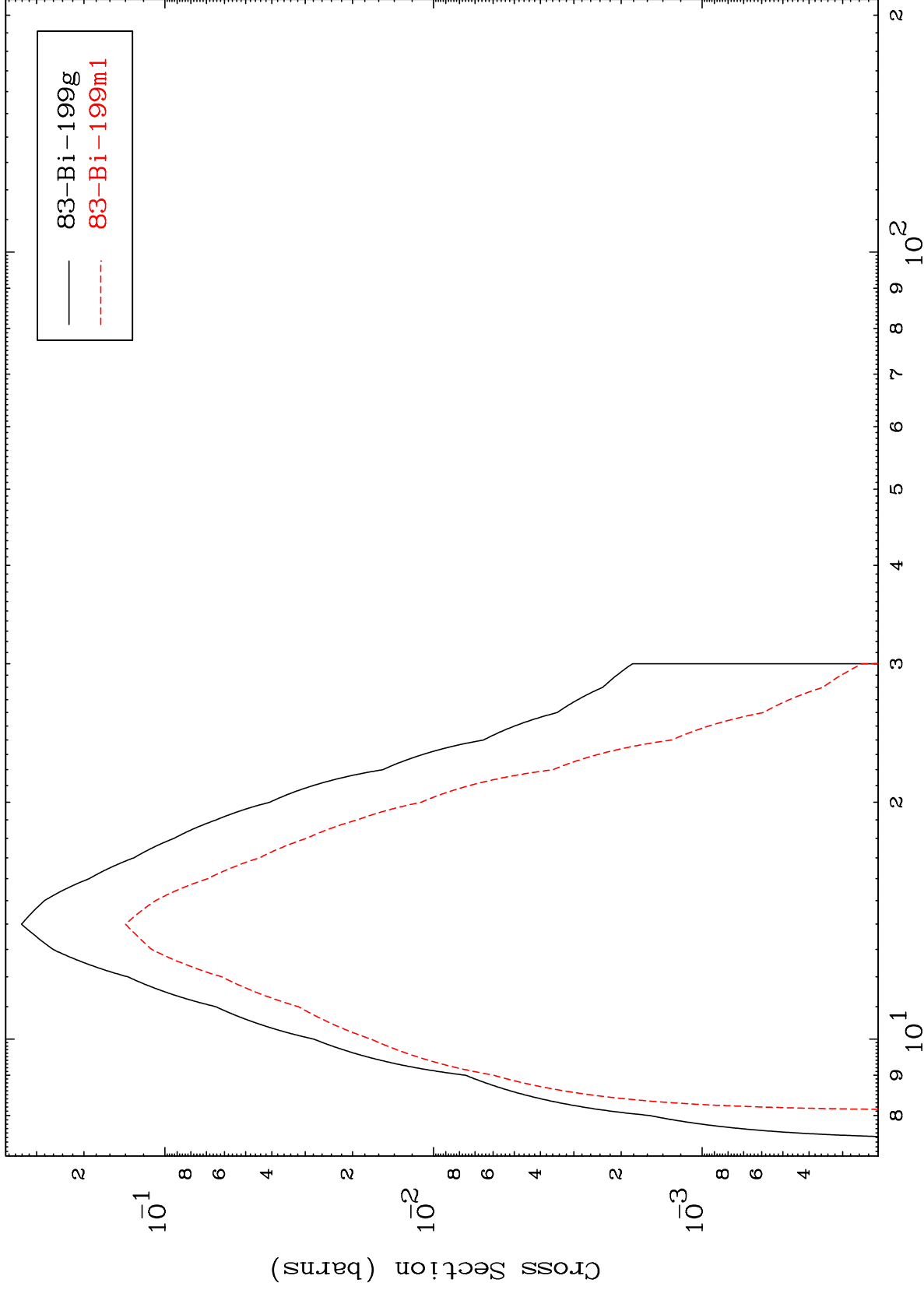
Incident Energy (MeV)

83-Bi-200

MAT 8299

Photon Inelastic  
Radionuclide Production Cross Section

<sup>83</sup>Bi-200



11

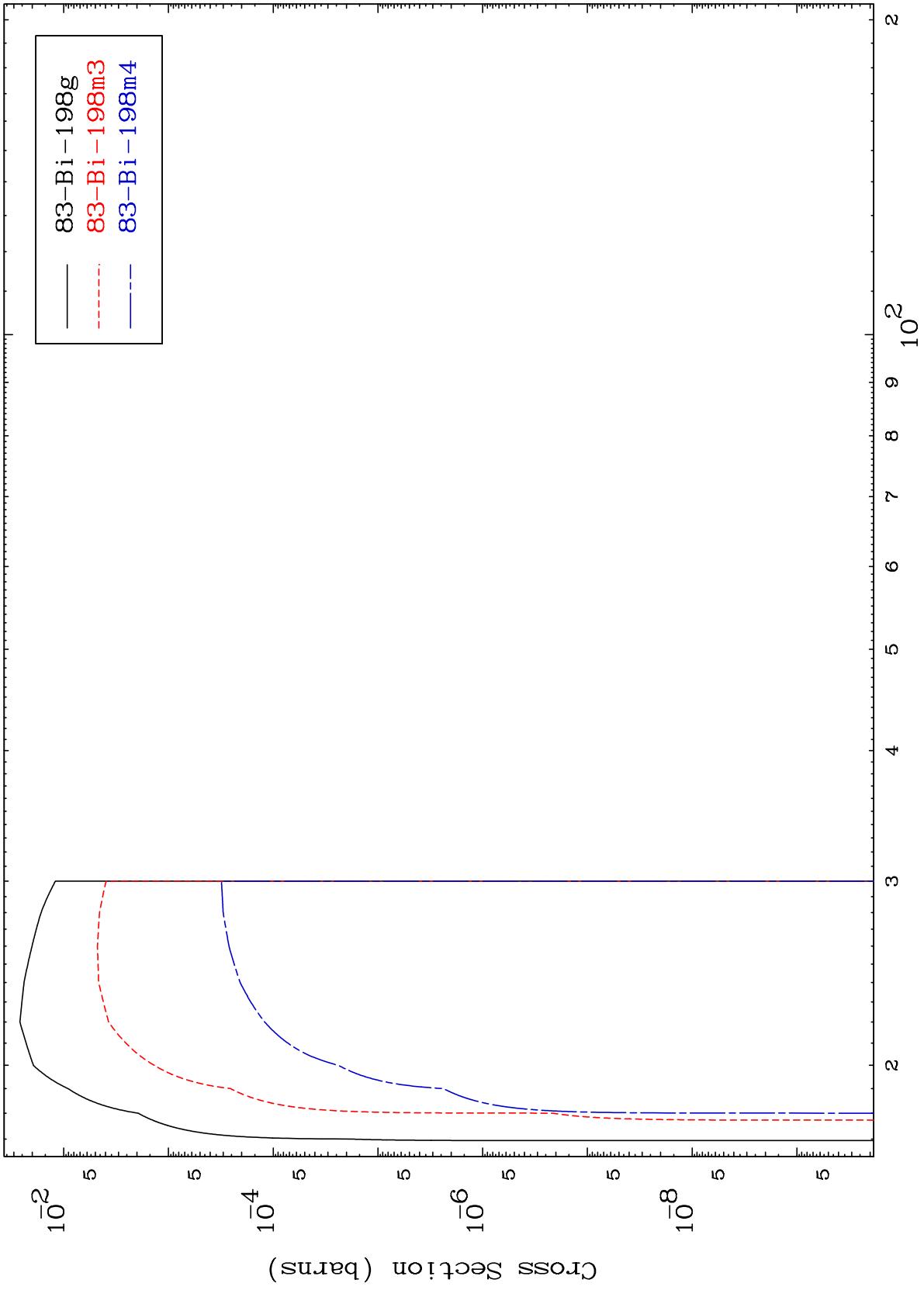
Incident Energy (MeV)

<sup>83</sup>Bi-200

MAT 8299

83-Bi-200

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



12

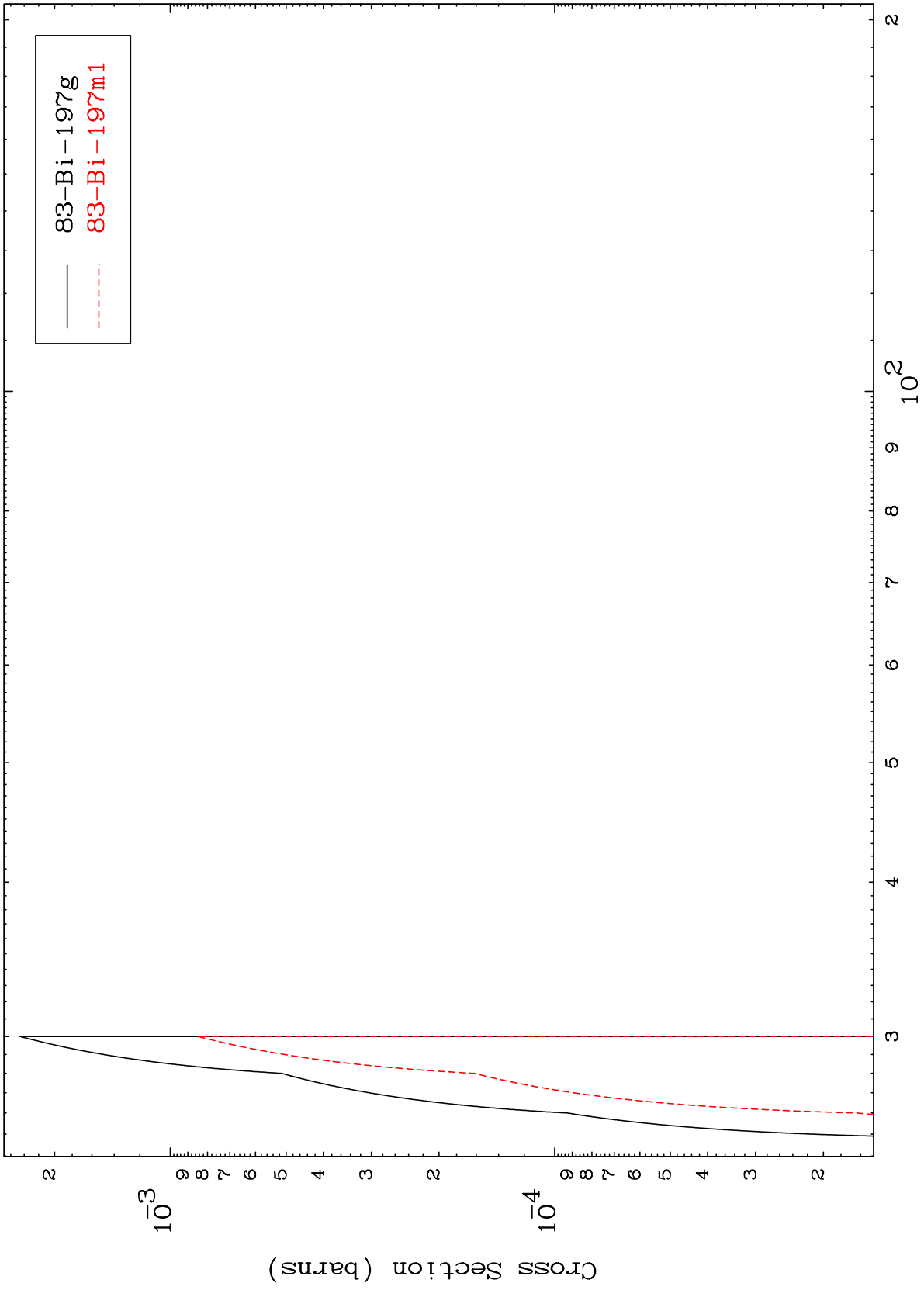
Incident Energy (MeV)

83-Bi-200

MAT 8299

83-Bi-200

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



13

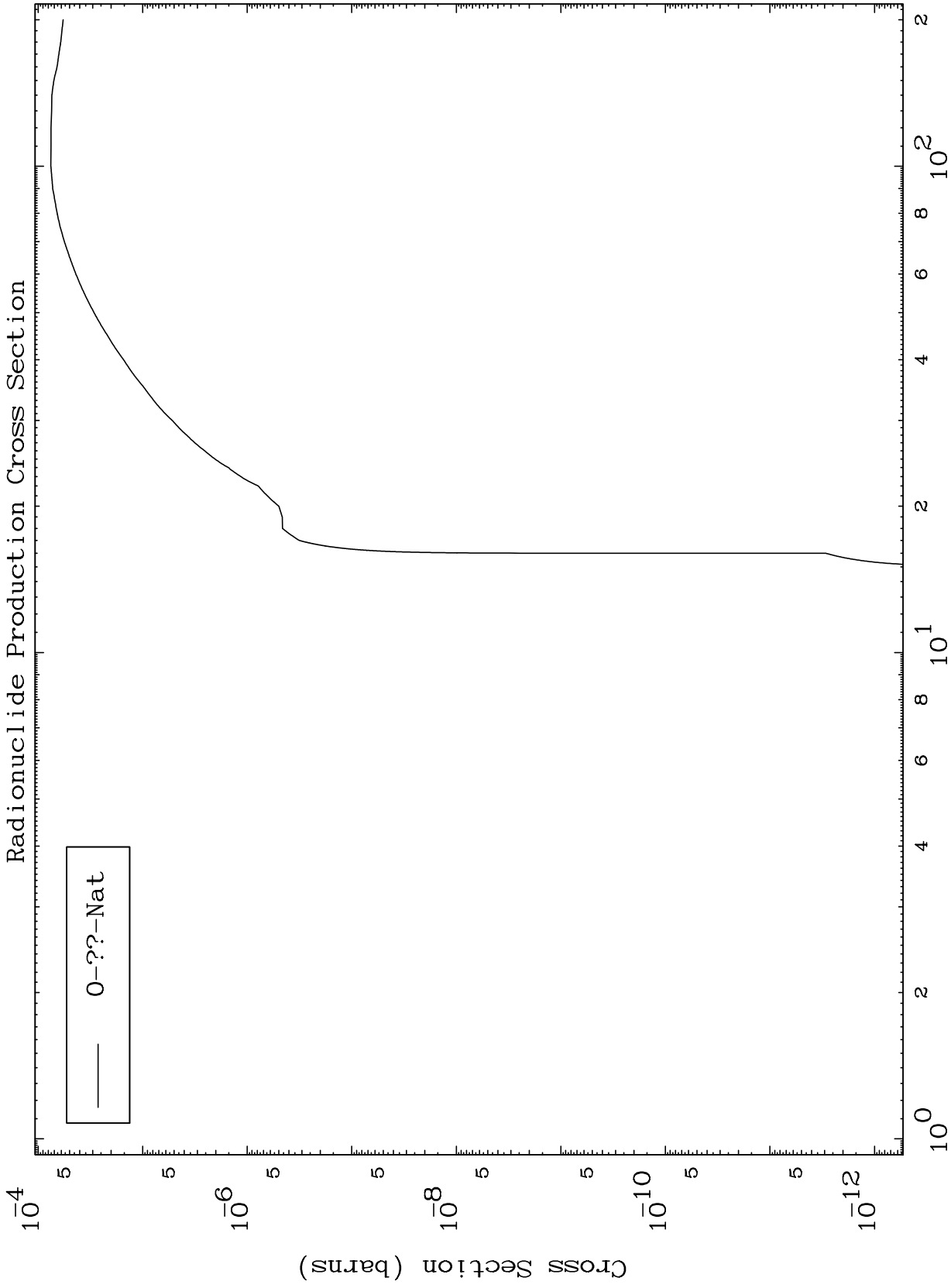
83-Bi-200

MAT 8299

Photon Fission

83-Bi-200

Radionuclide Production Cross Section



14

Incident Energy (MeV)

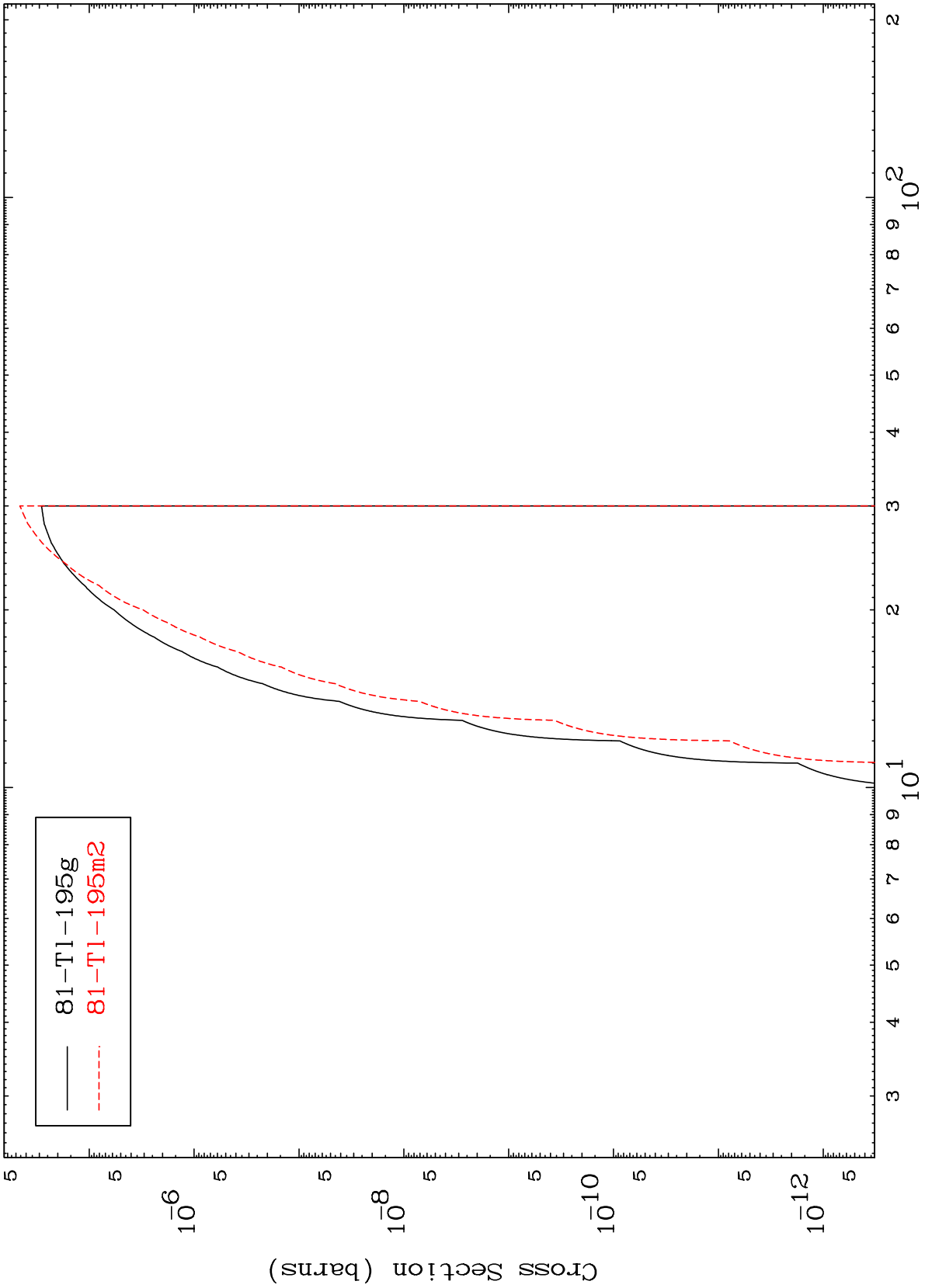
83-Bi-200

MAT 8299

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

83-Bi-200

Radionuclide Production Cross Section



15

Incident Energy (MeV)

83-Bi-200

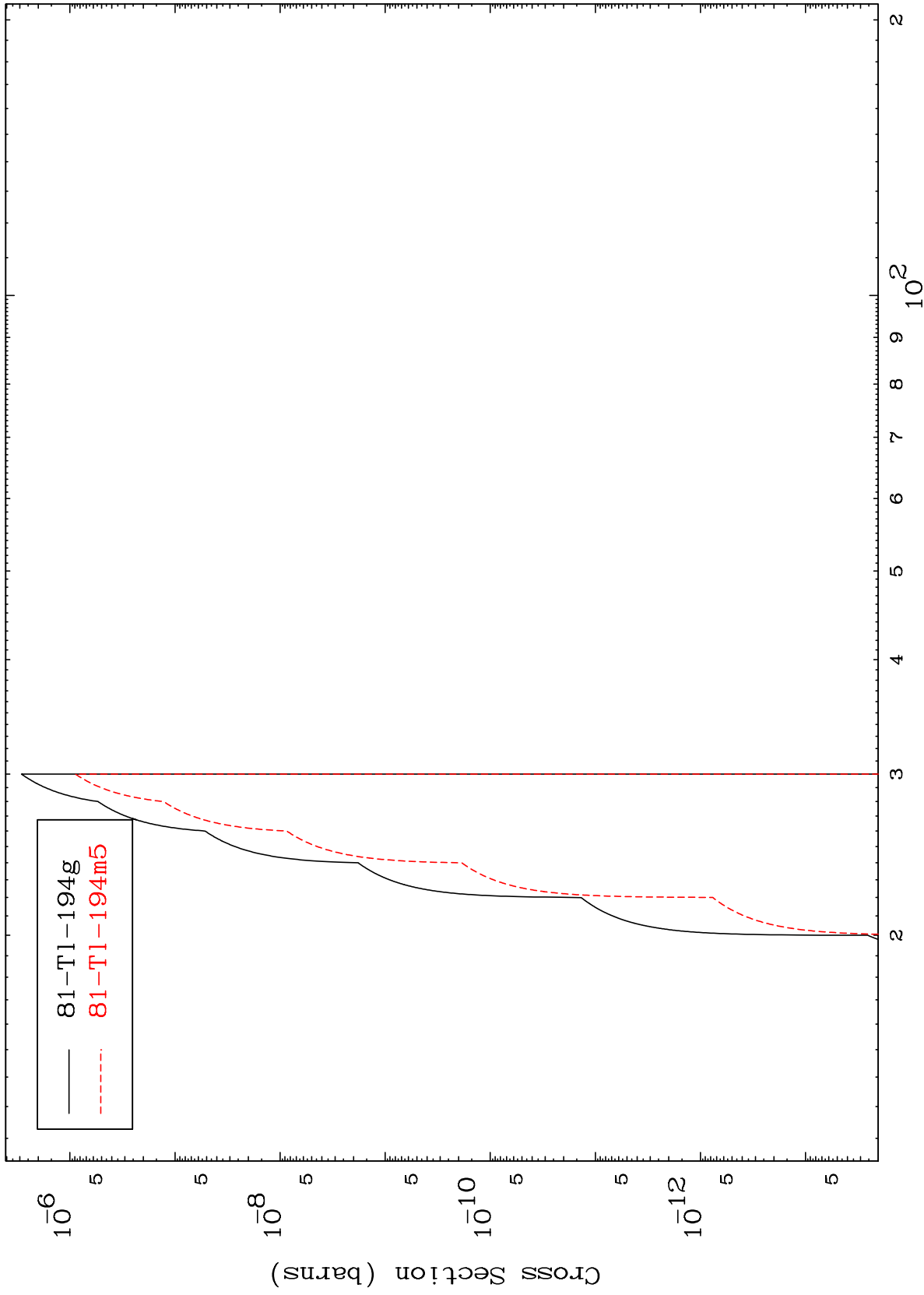


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$(\gamma, 2n) \alpha$

83-Bi-200

Radionuclide Production Cross Section



81-Tl-194g  
81-Tl-194m5

16

Incident Energy (MeV)

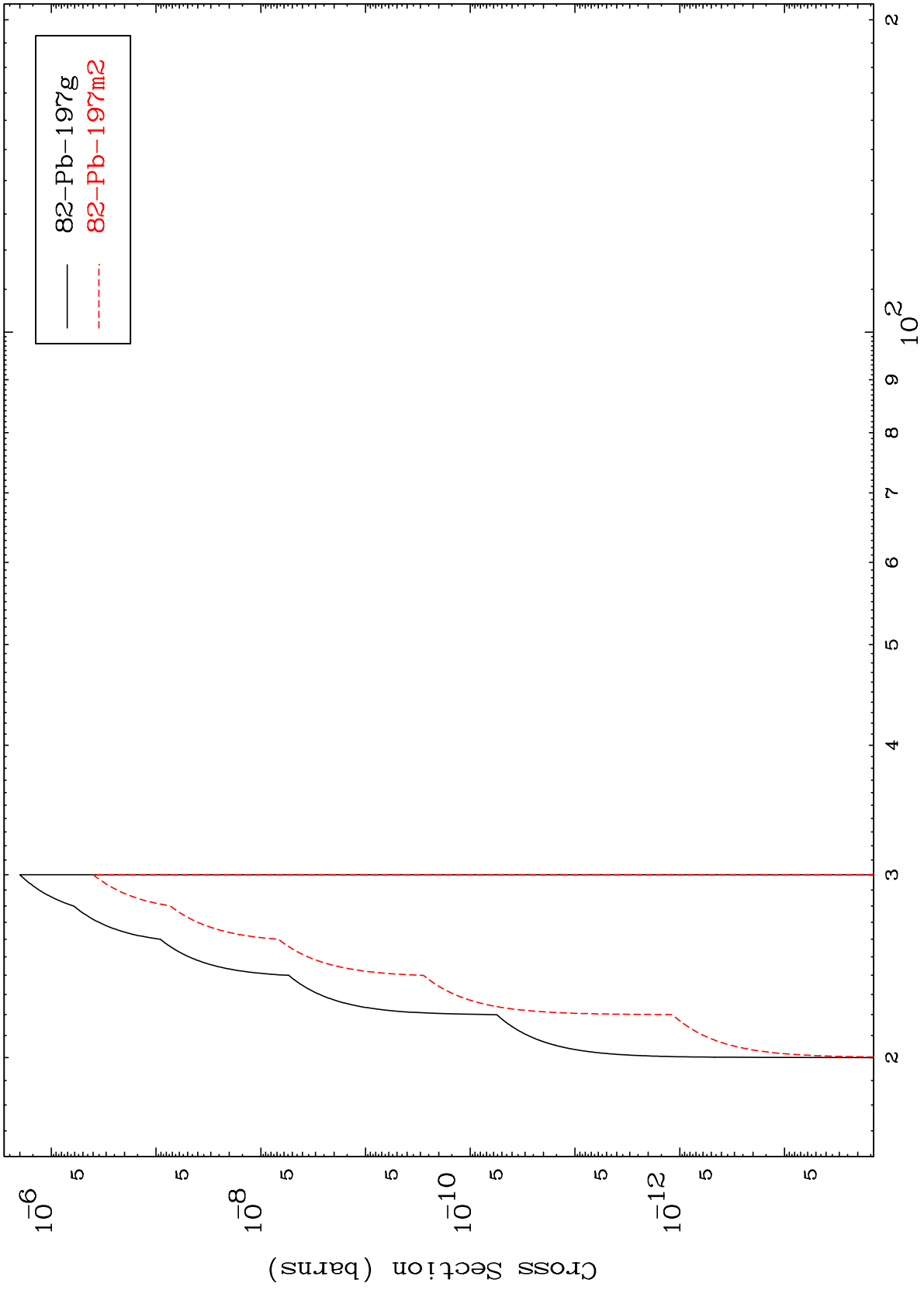
83-Bi-200

MAT 8299

( $\gamma, n'$ ) d

83-Bi-200

Radionuclide Production Cross Section



17

Incident Energy (MeV)

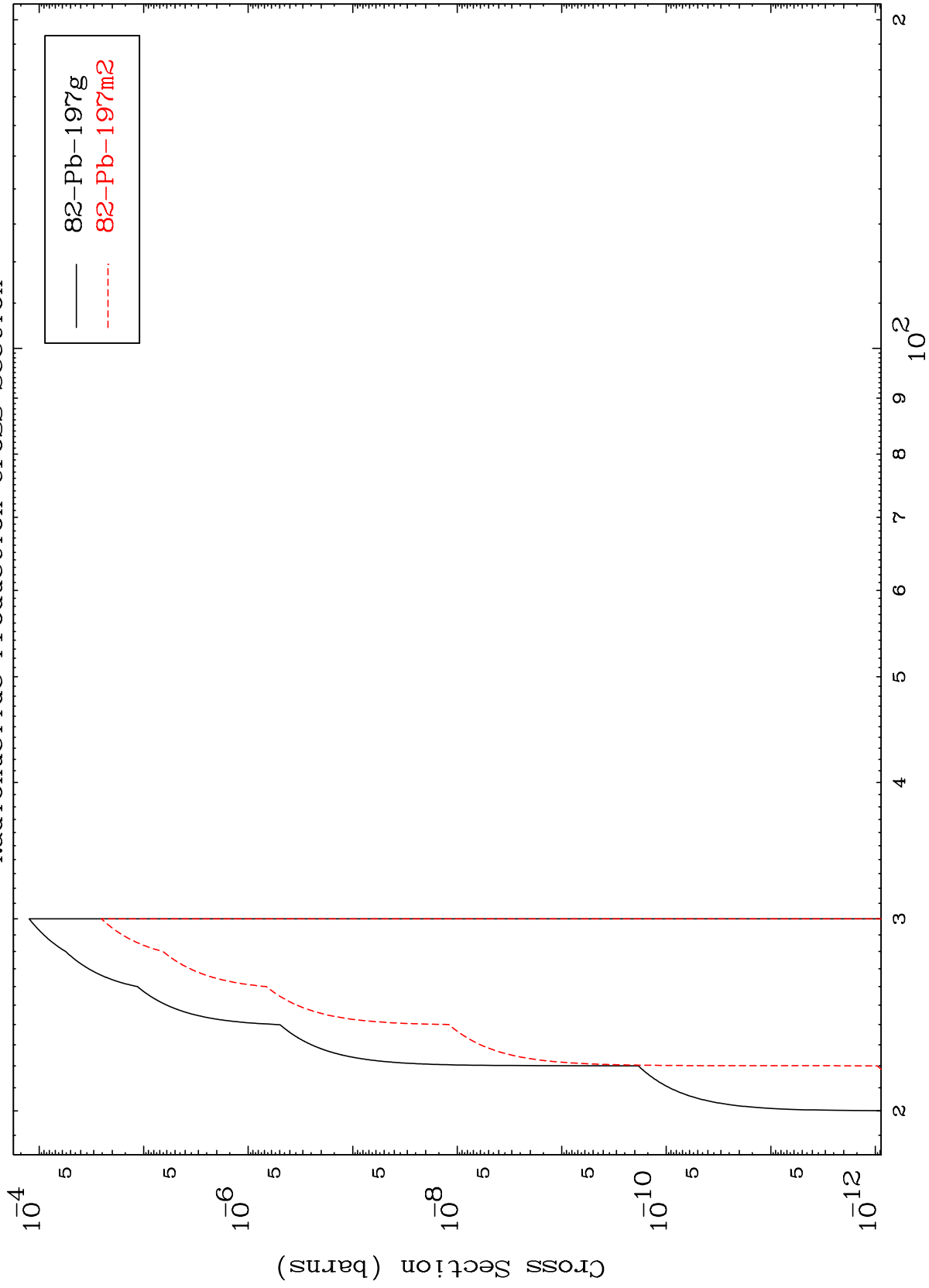
83-Bi-200

MAT 8299

( $\gamma, 2n$ ) p

83-Bi-200

Radionuclide Production Cross Section



18

Incident Energy (MeV)

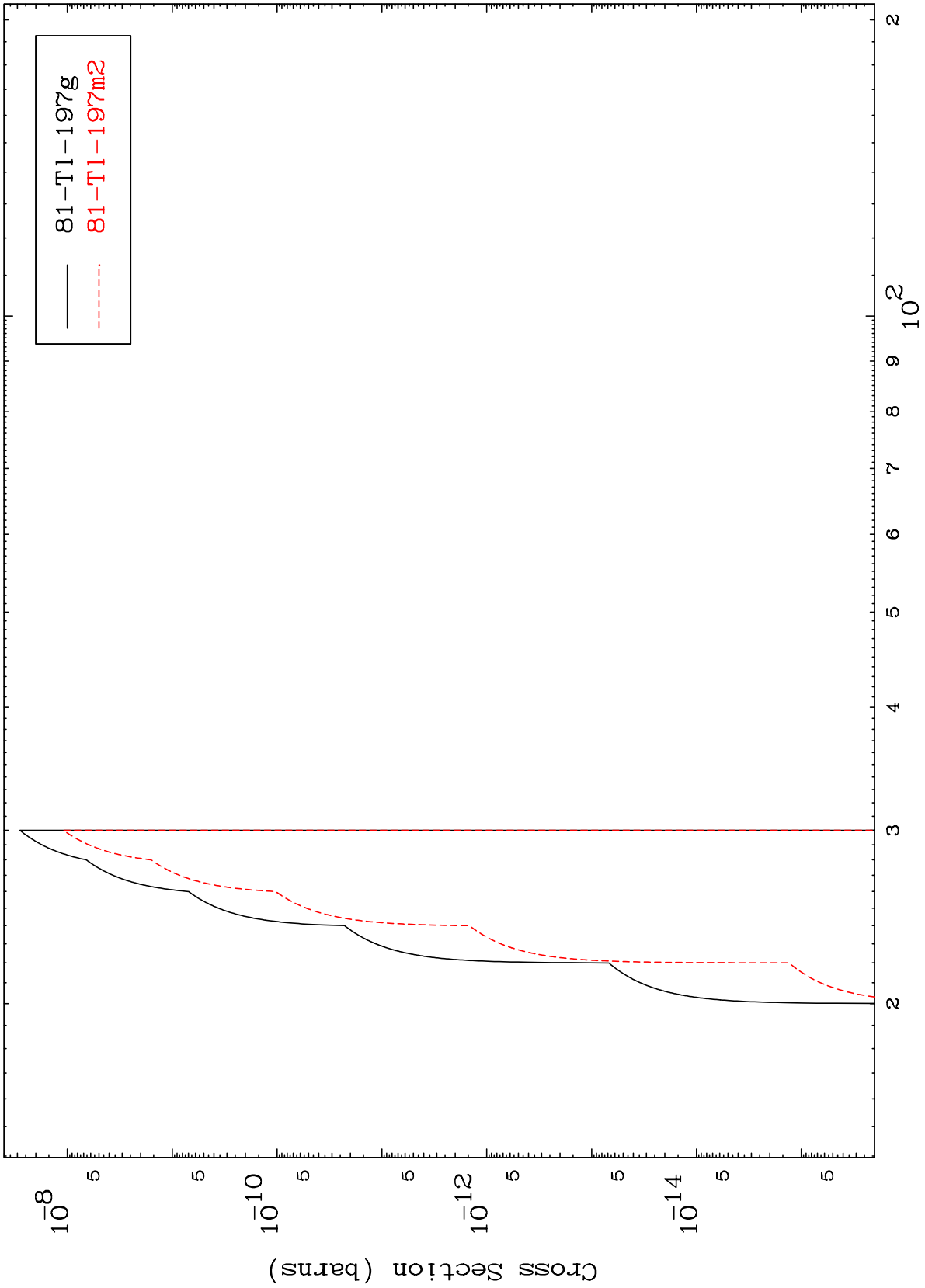
83-Bi-200

MAT 8299

( $\gamma, 2n$ ) p

83-Bi-200

Radionuclide Production Cross Section



19

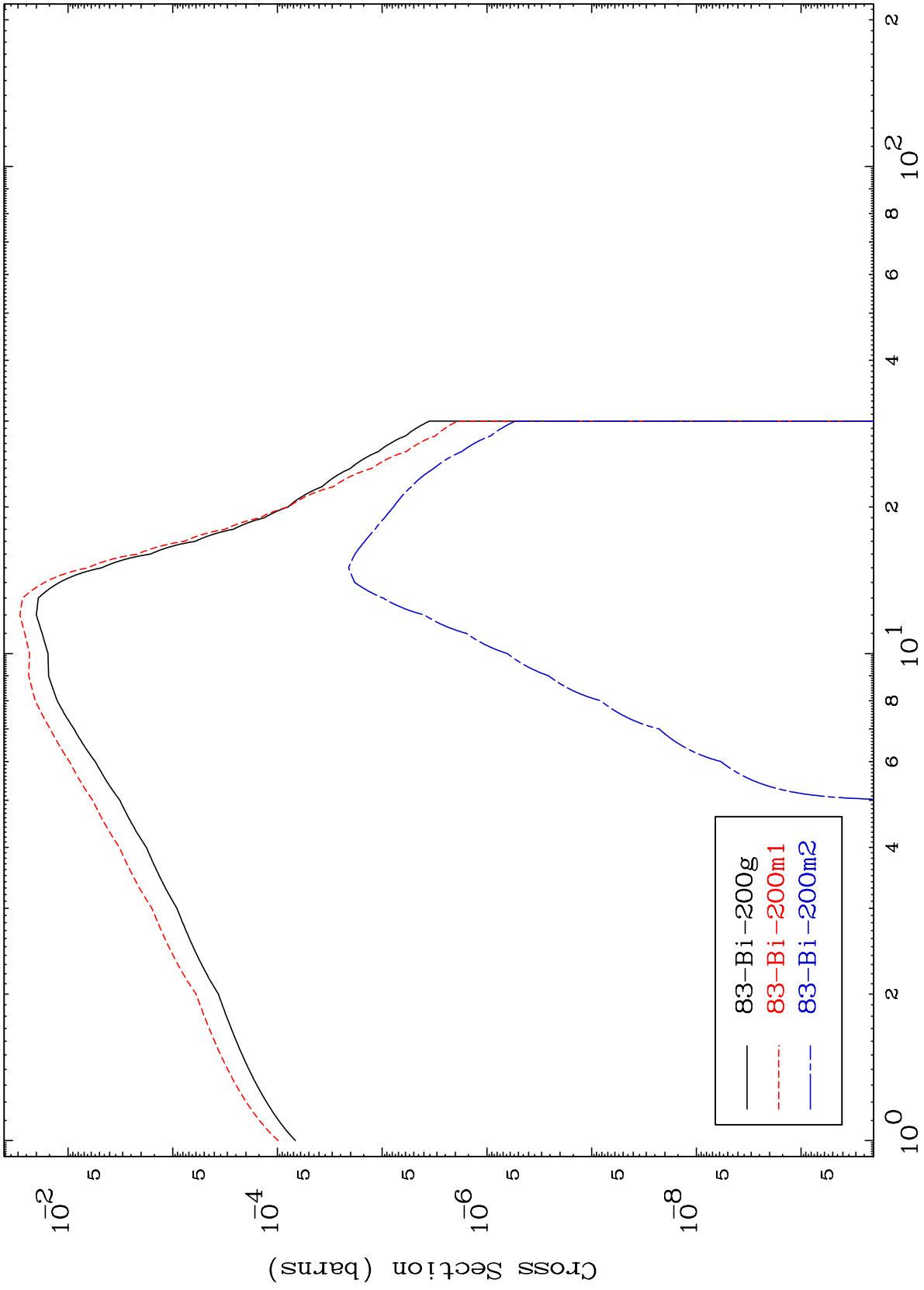
Incident Energy (MeV)

83-Bi-200

MAT 8299

83-Bi-200

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



83-Bi-200

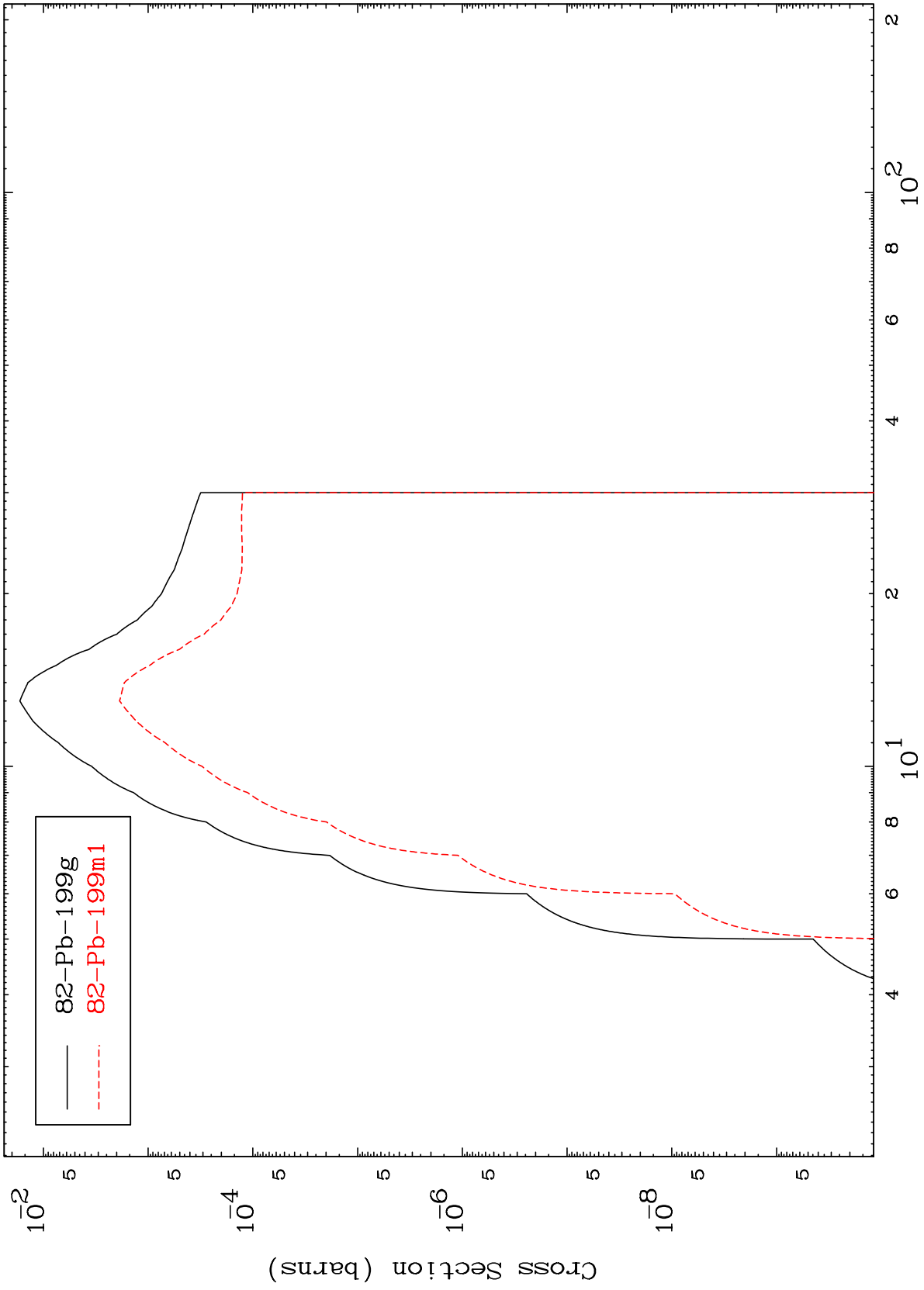
Incident Energy (MeV)

20

MAT 8299

83-Bi-200

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



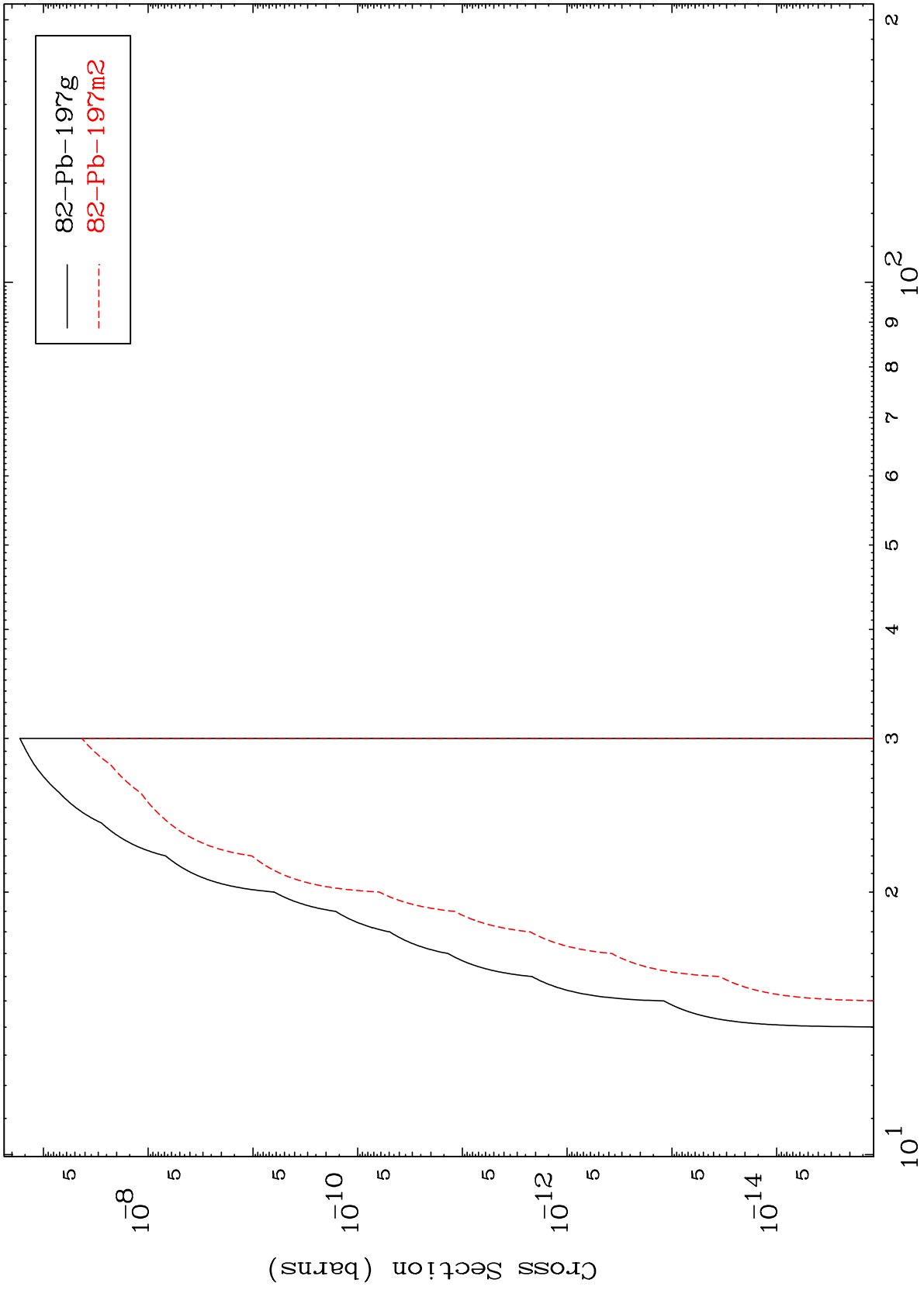
21

83-Bi-200

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83-Bi-200

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



22

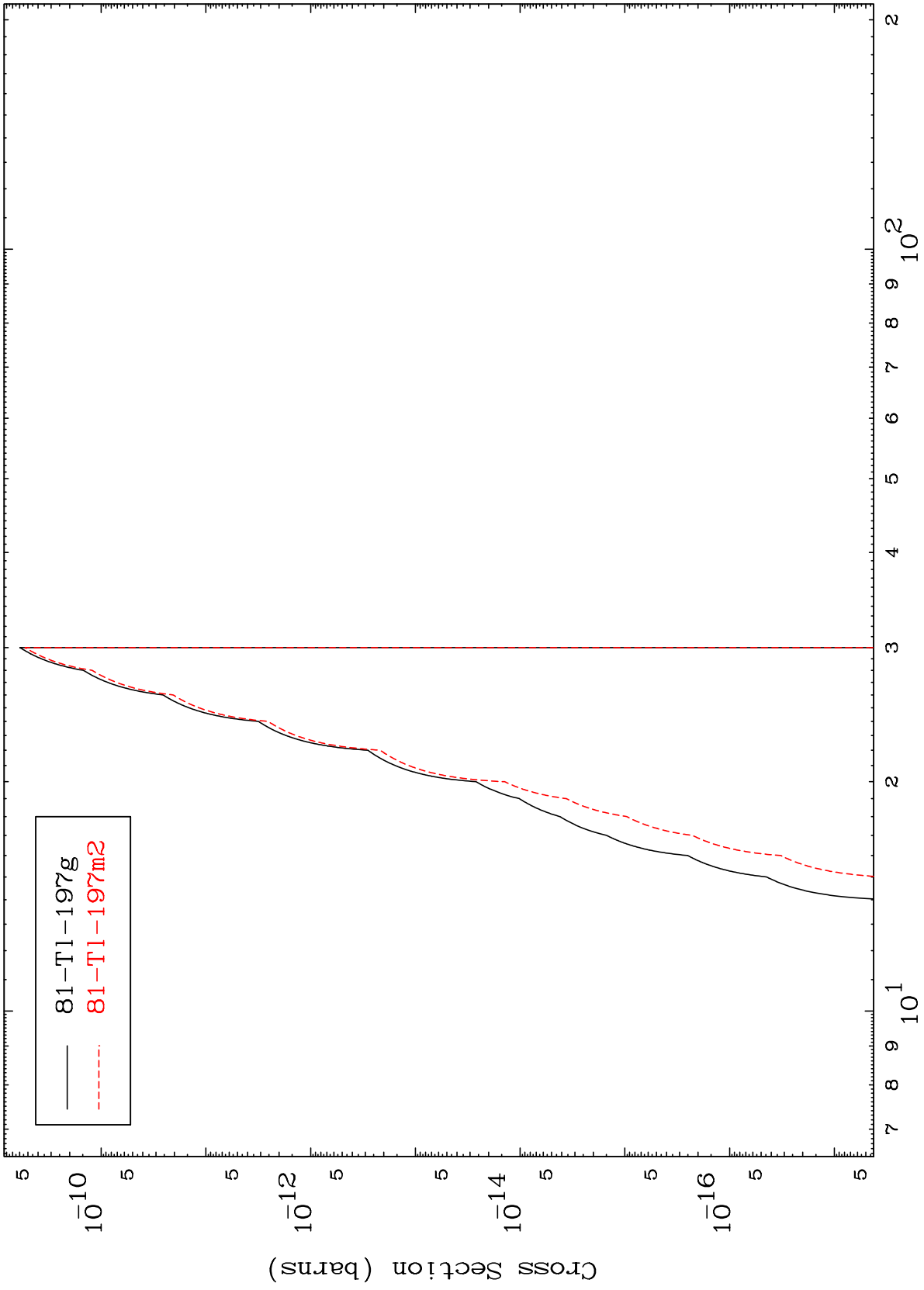
Incident Energy (MeV)

83-Bi-200

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83-Bi-200

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



81-Tl-197g  
81-Tl-197m2

23

83-Bi-200

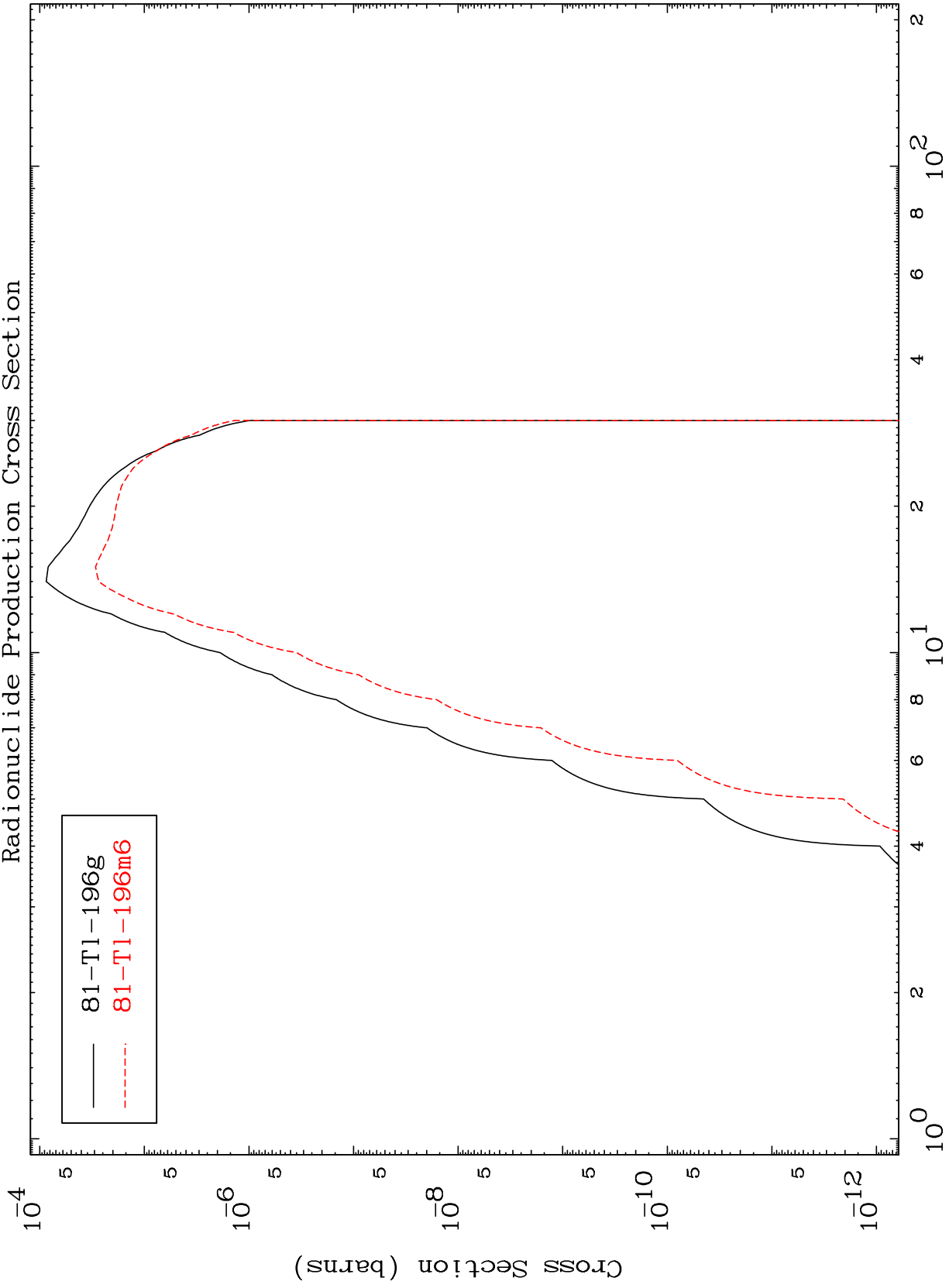
Incident Energy (MeV)



MAT 8299

83-Bi-200

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



81-Tl-196g  
81-Tl-196m6

24

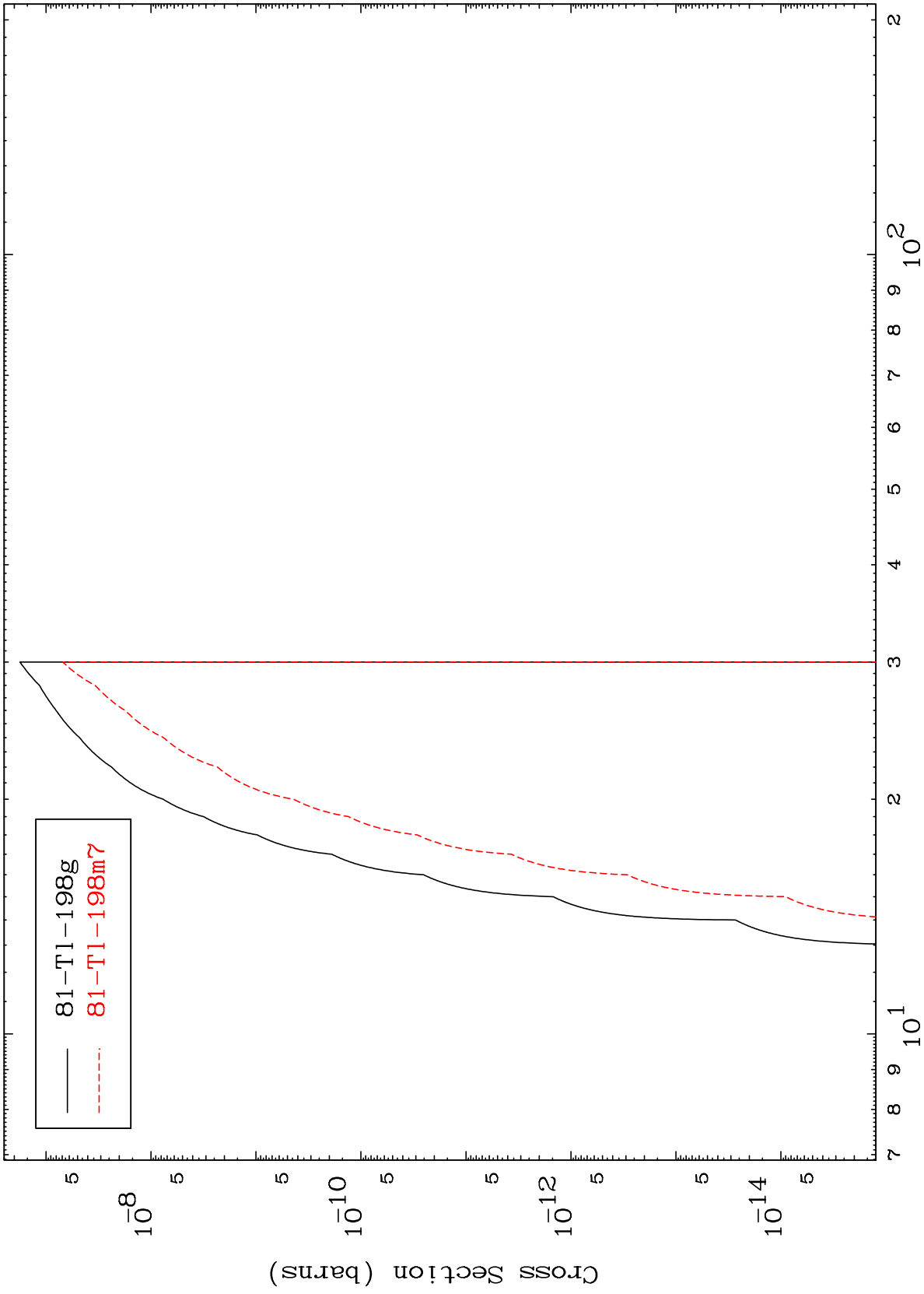
Incident Energy (MeV)

83-Bi-200

MAT 8299

83-Bi-200

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



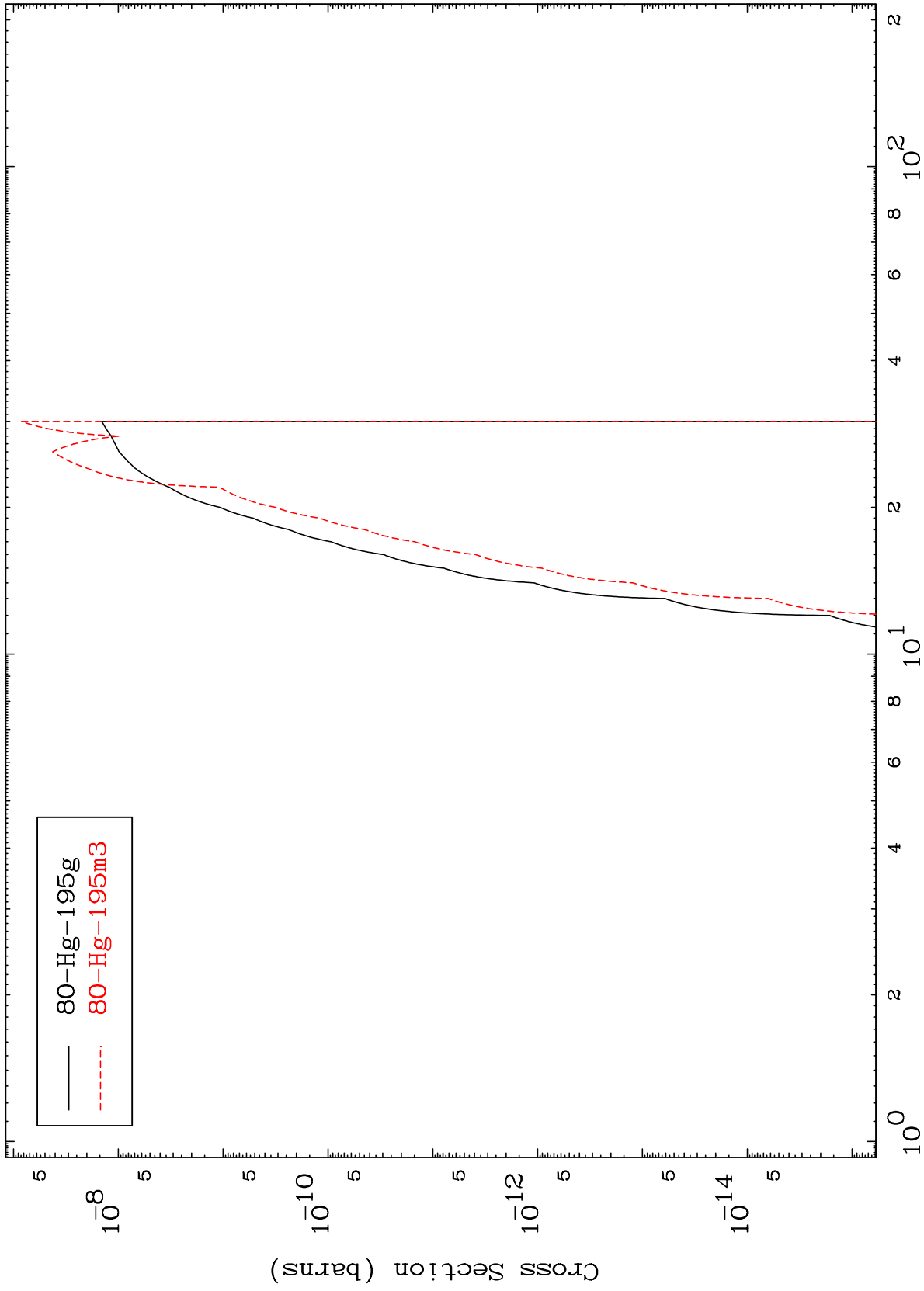
25

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

83-Bi-200

Radionuclide Production Cross Section



26

Incident Energy (MeV)

83-Bi-200