

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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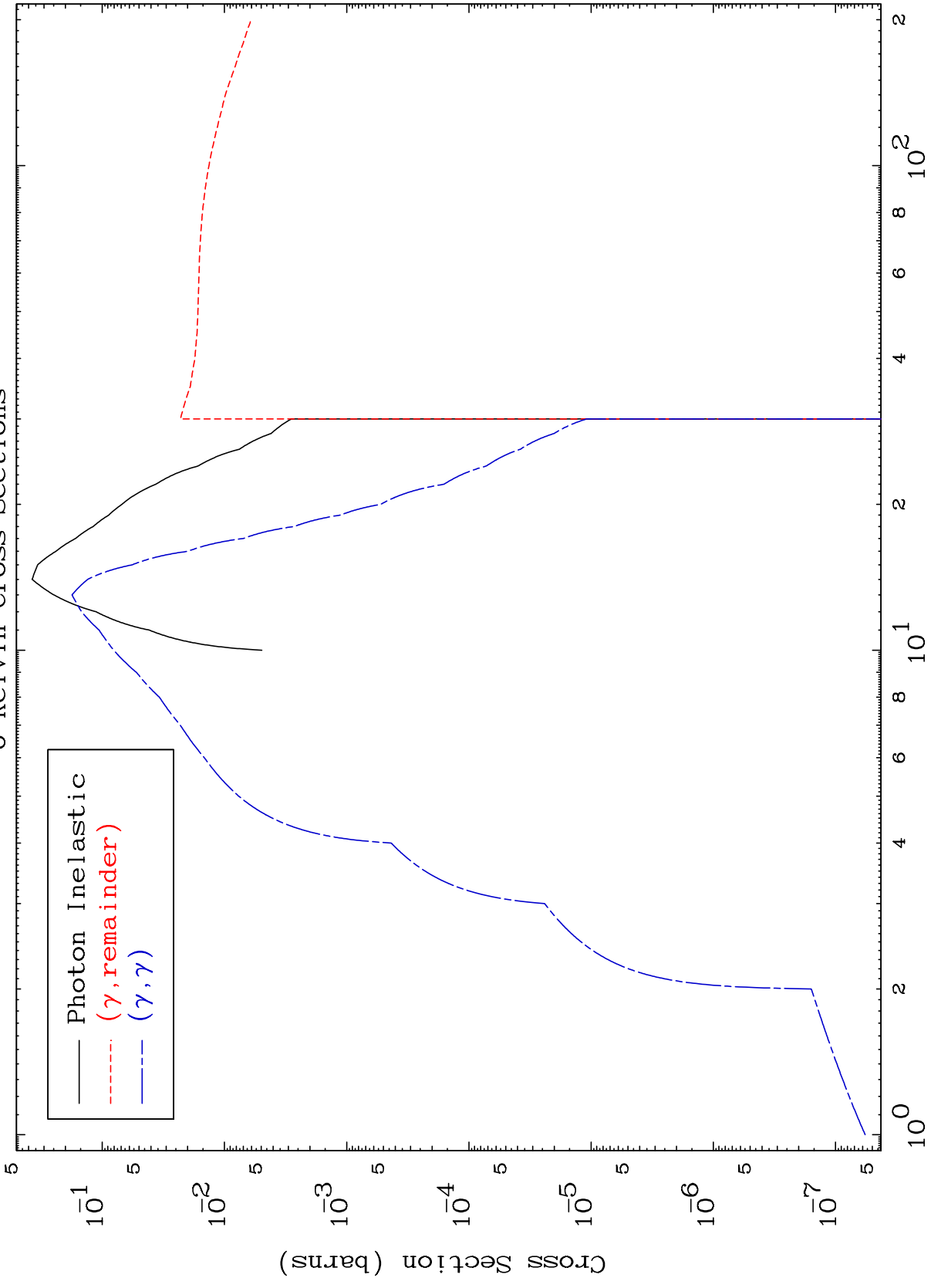
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8290

Photon Major  
0 Kelvin Cross Sections

83-Bi-197



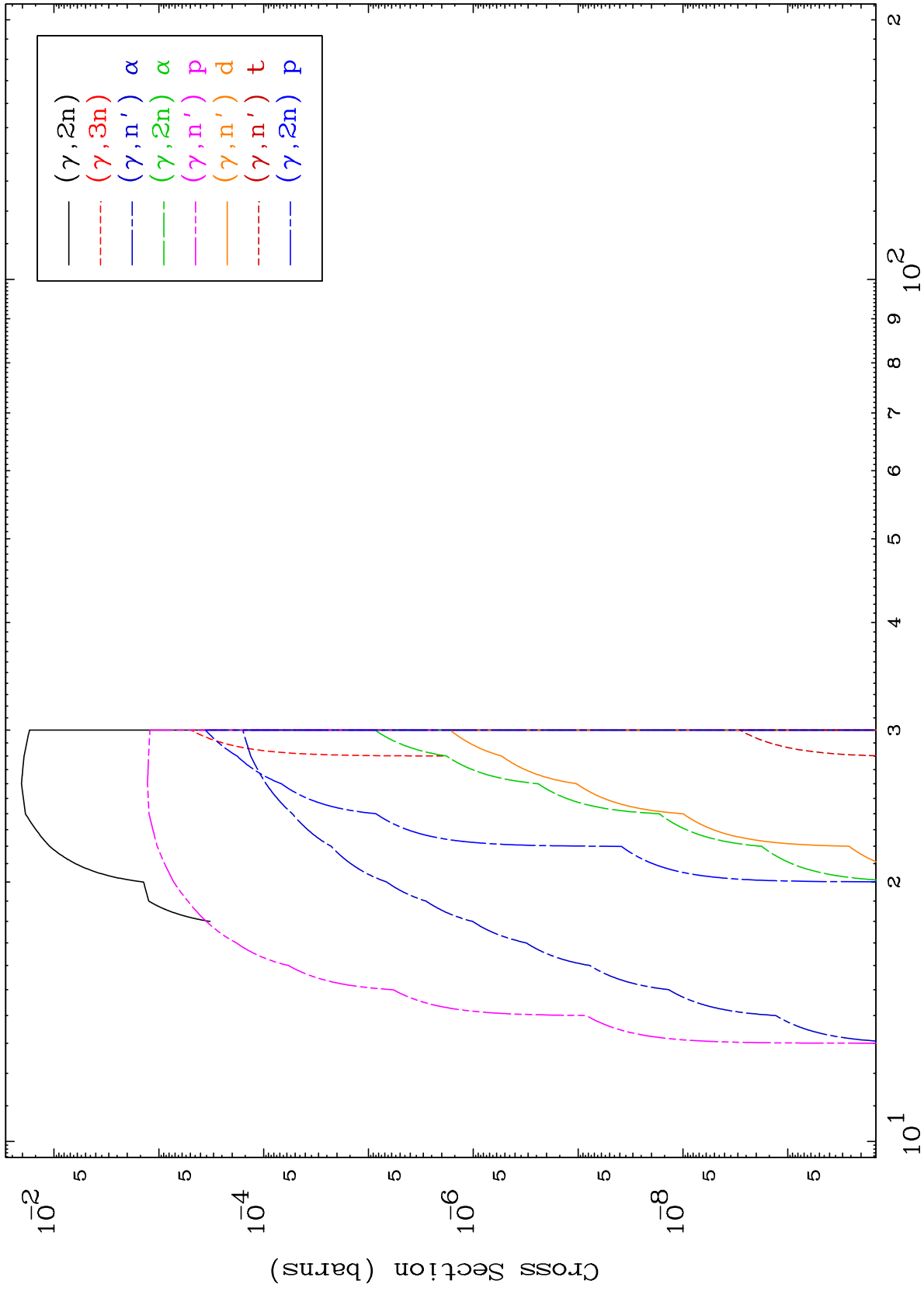
Incident Energy (MeV)

83-Bi-197

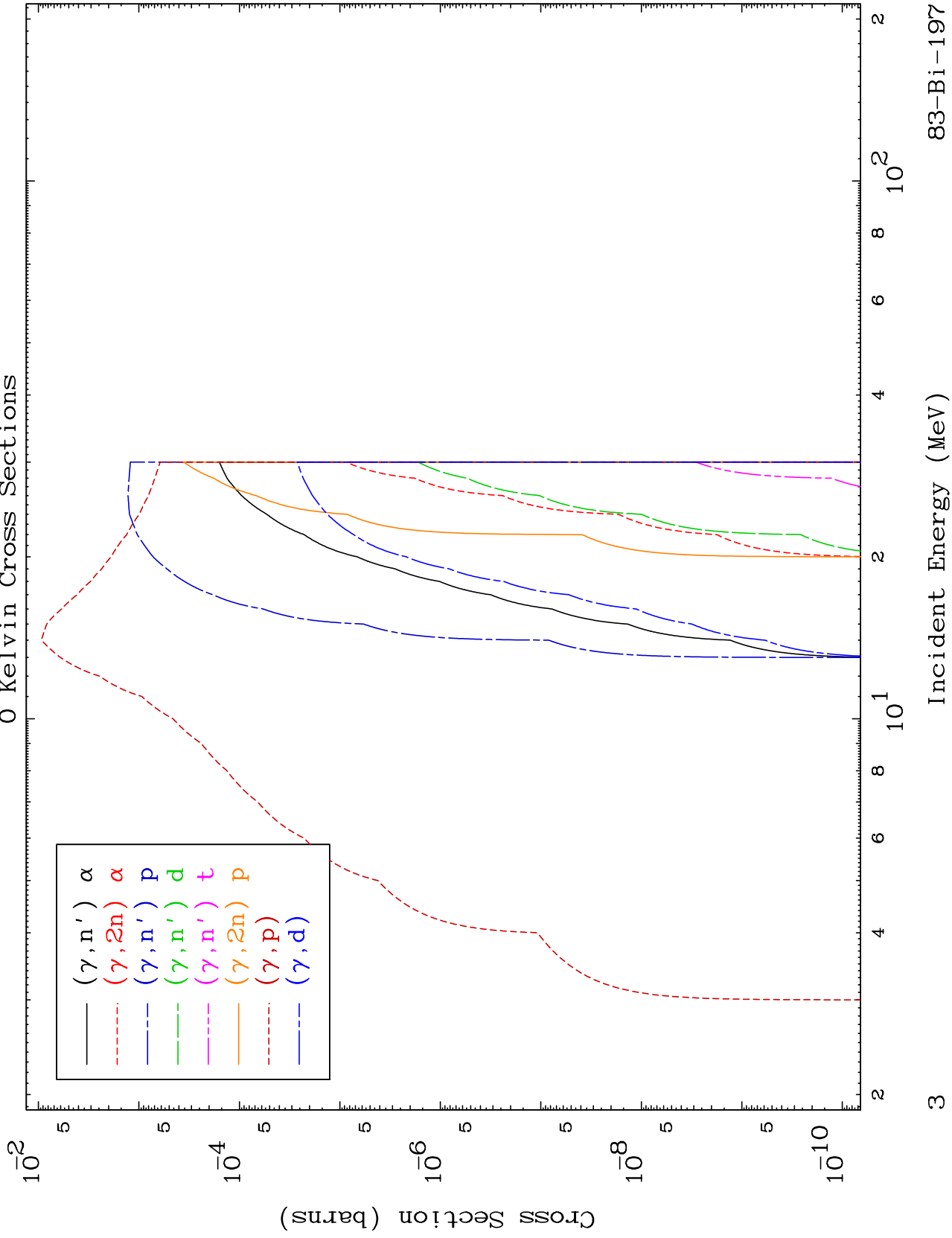
MAT 8290

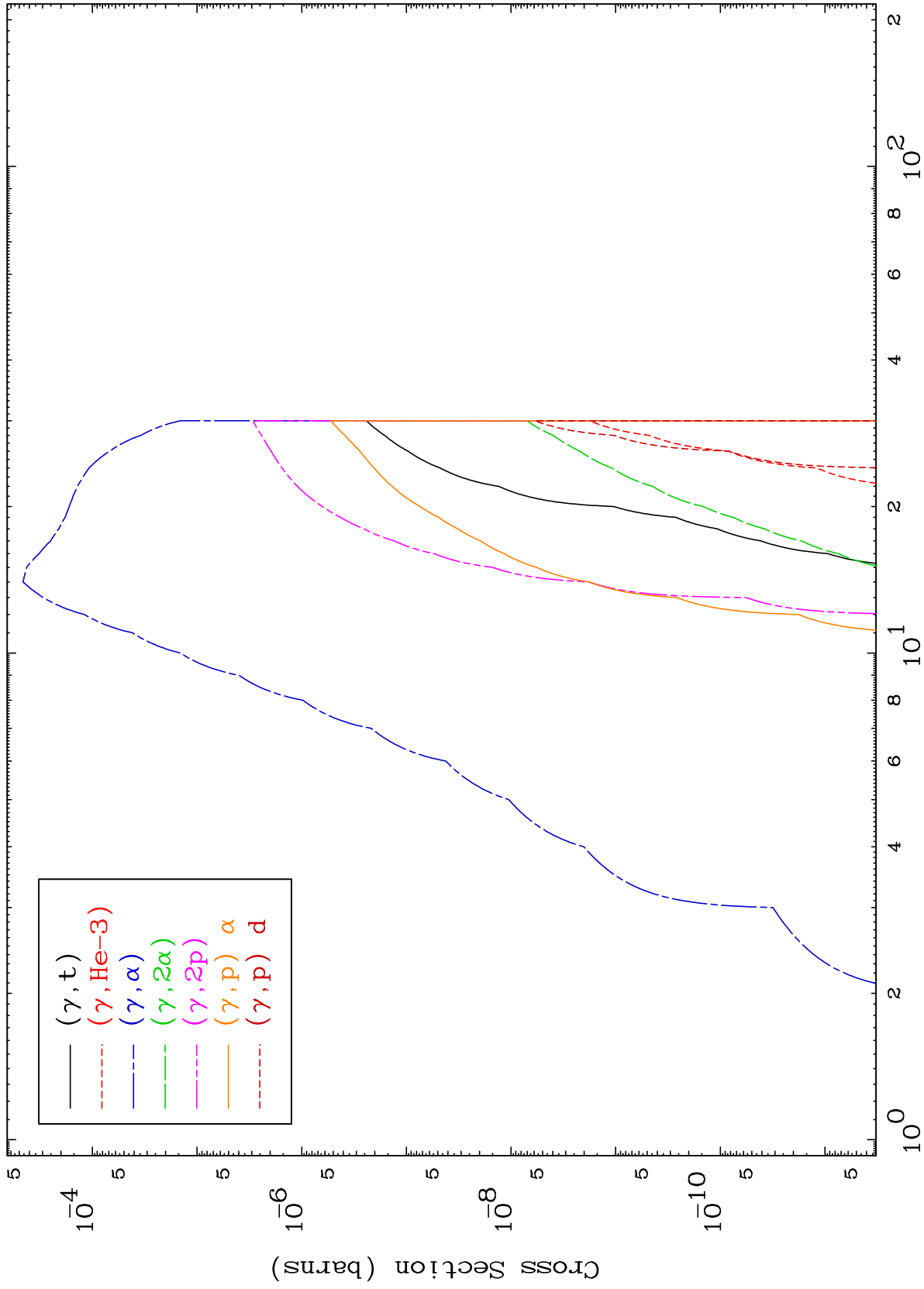
Photon Neutron Production  
0 Kelvin Cross Sections

83-Bi-197



83-Bi-197

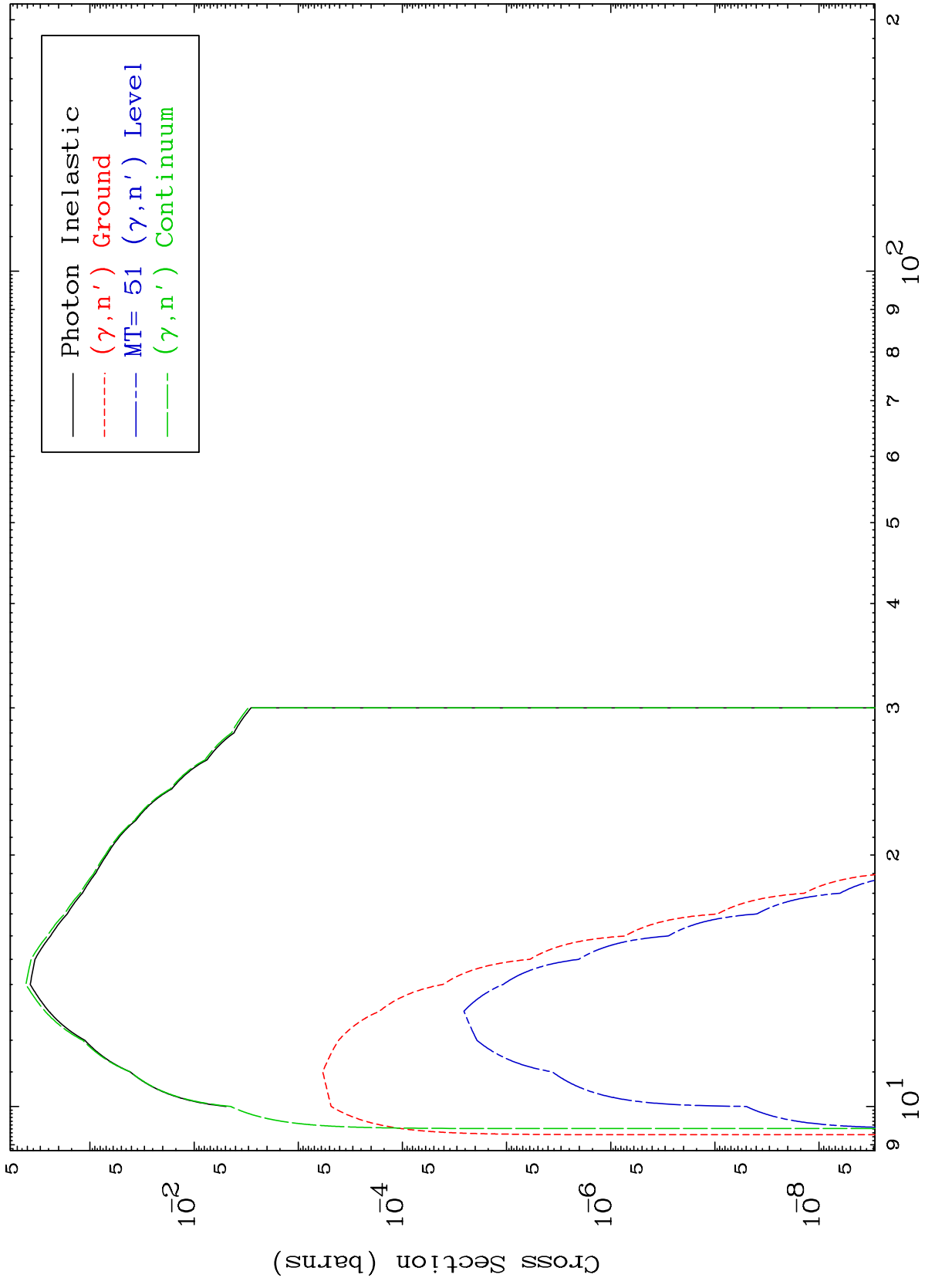




MAT 8290

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

83-Bi-197



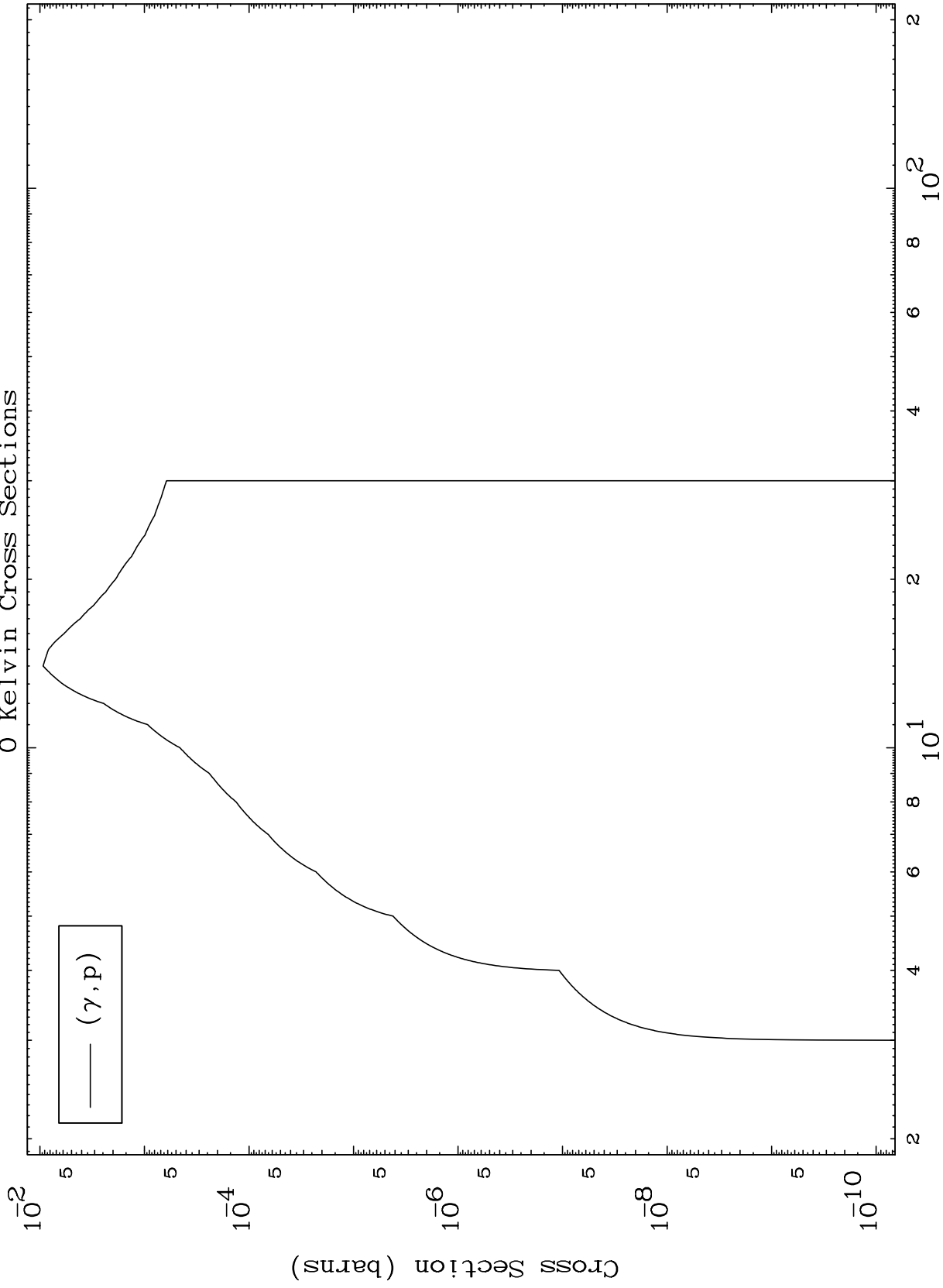
Incident Energy (MeV)

83-Bi-197

MAT 8290

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

83-Bi-197



6

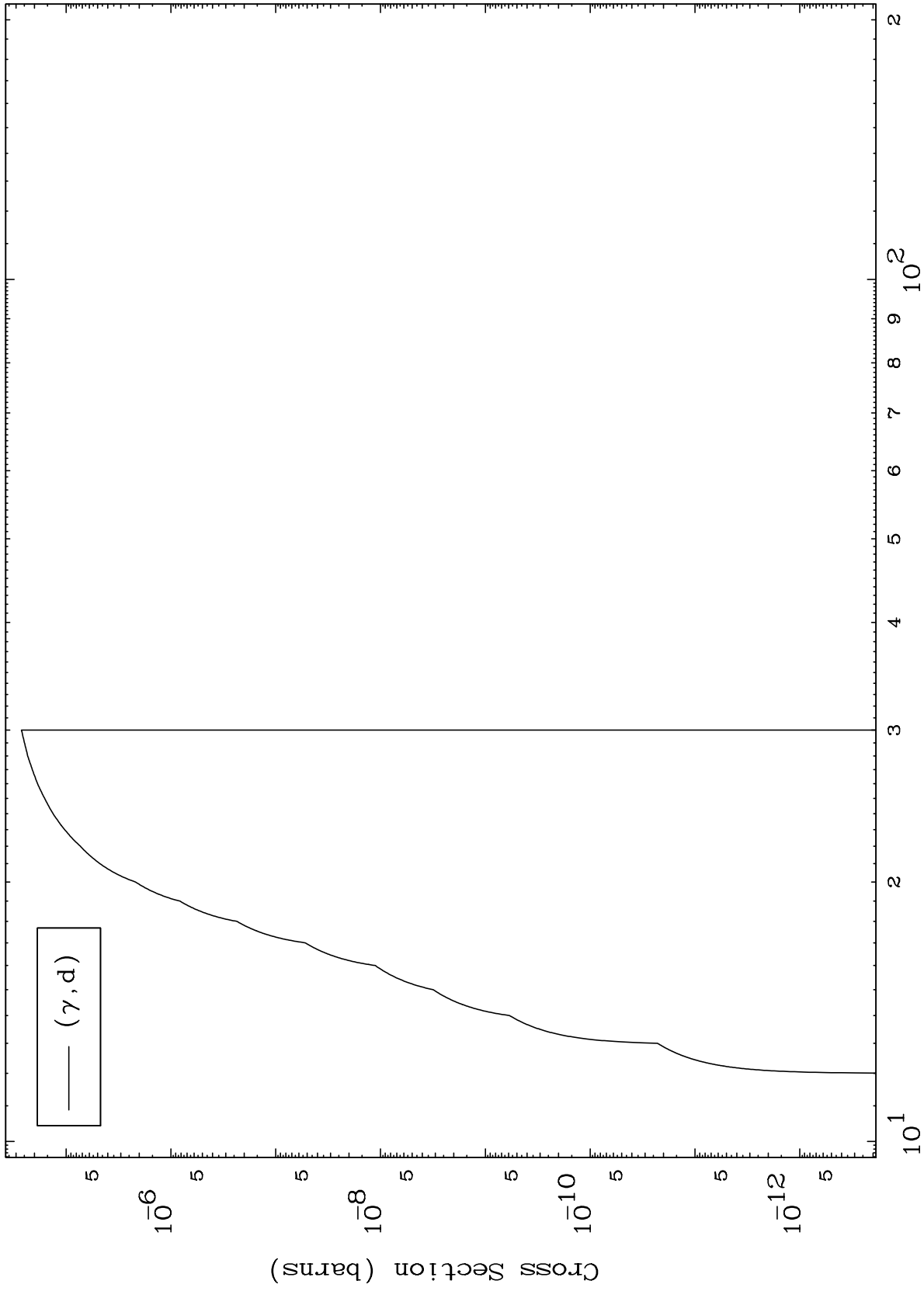
Incident Energy (MeV)

83-Bi-197

MAT 8290

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

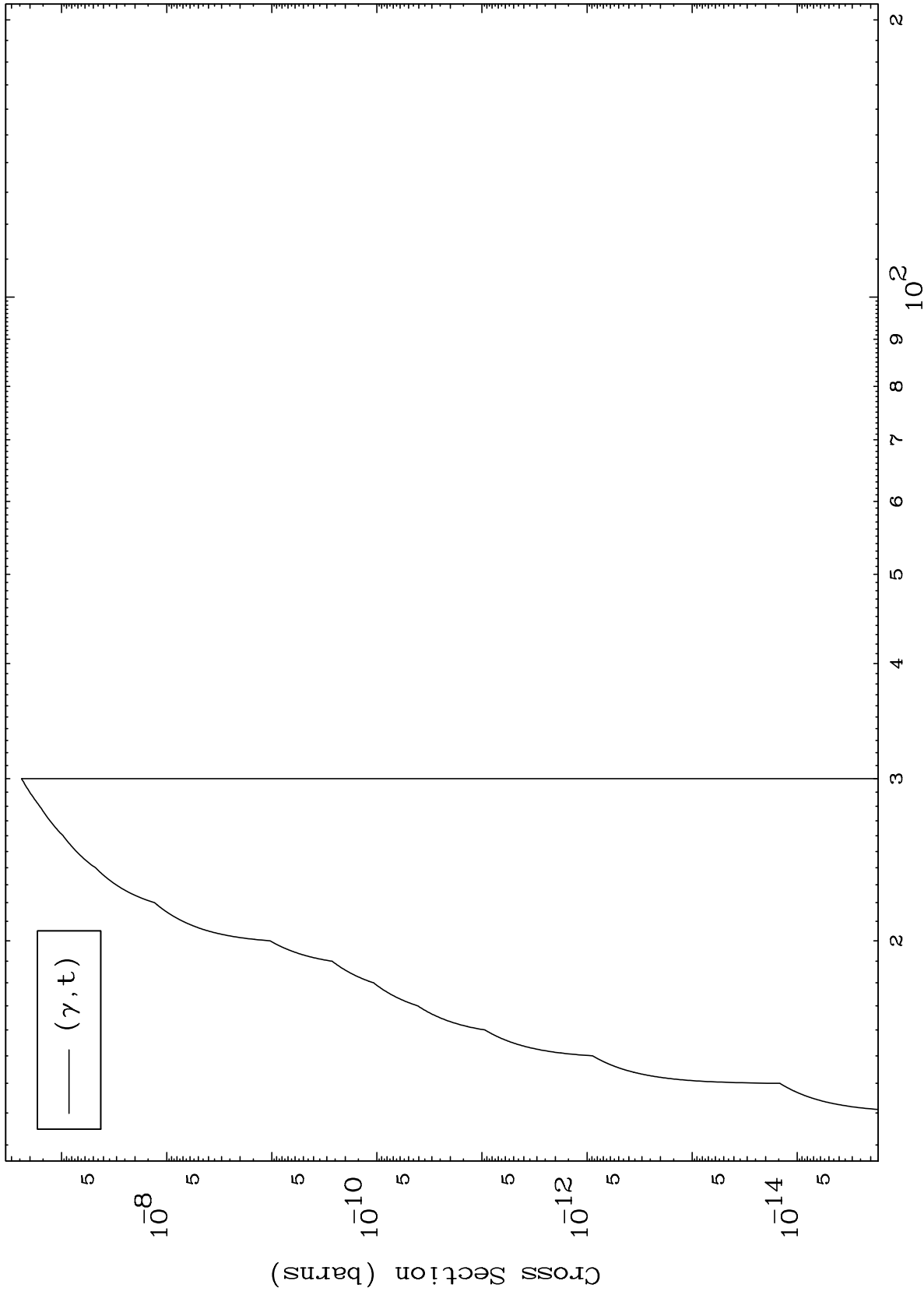
83-Bi-197

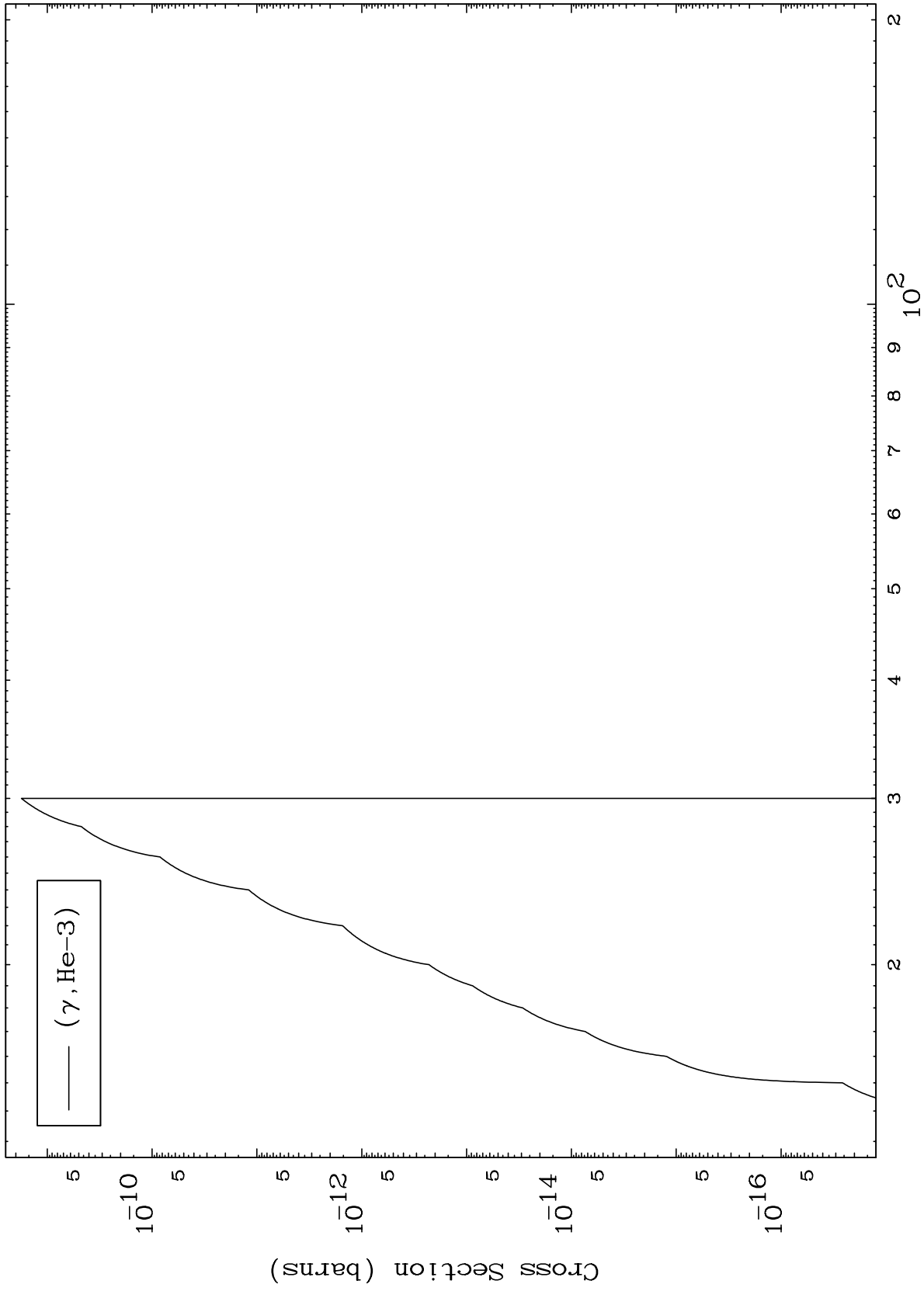


Incident Energy (MeV)

83-Bi-197



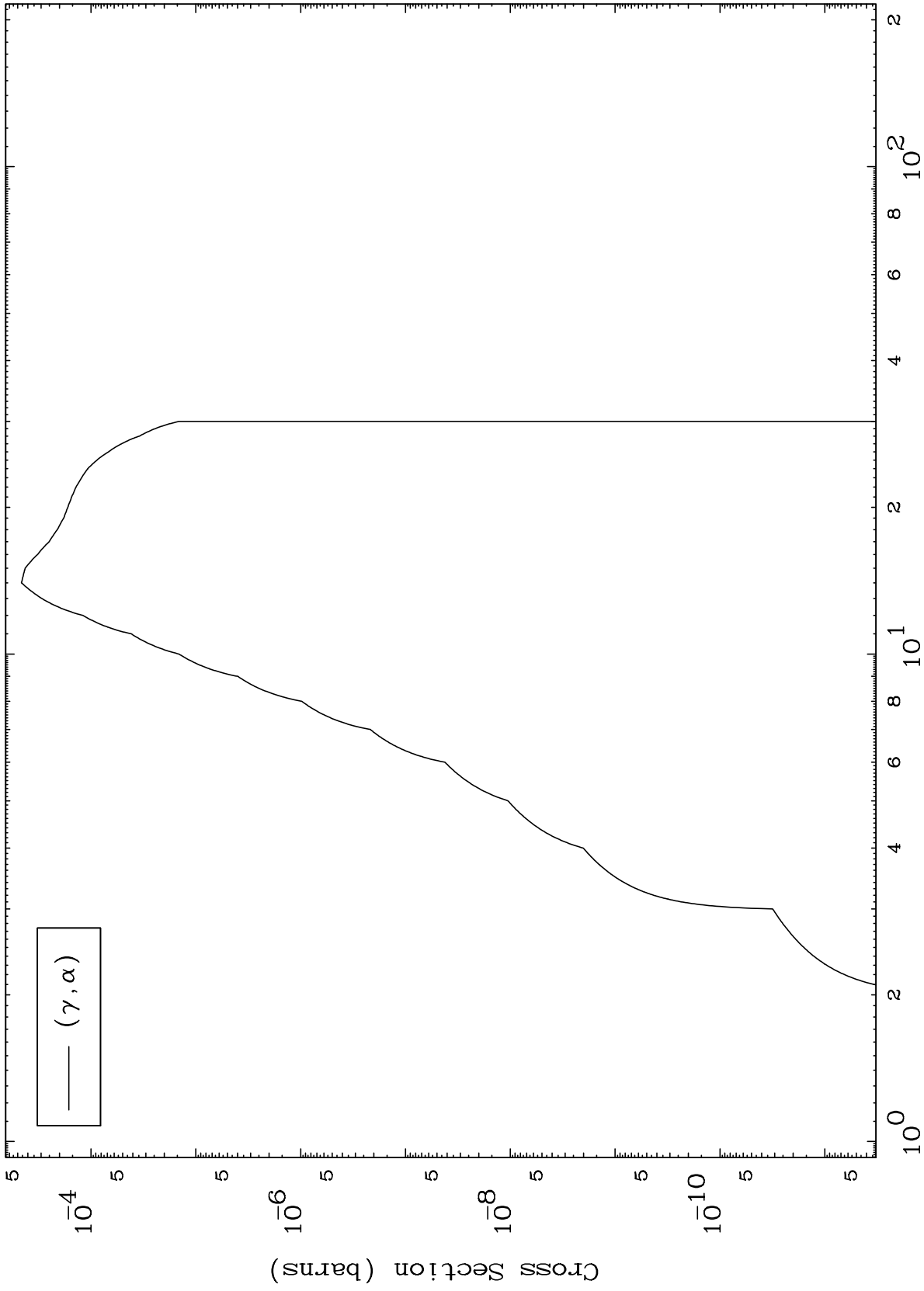




MAT 8290

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

83-Bi-197



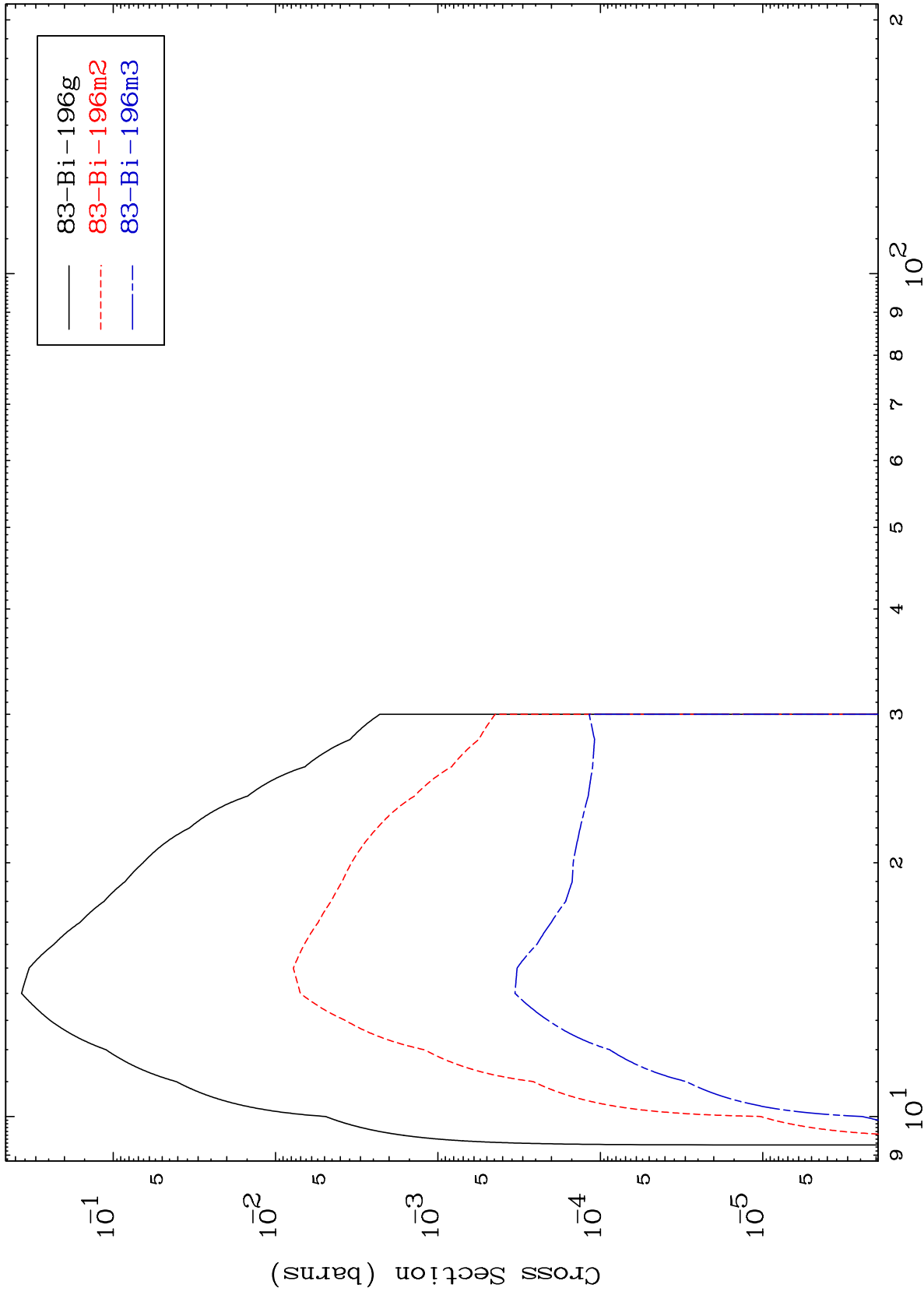
Incident Energy (MeV)

83-Bi-197

MAT 8290

Photon Inelastic  
Radionuclide Production Cross Section

<sup>83</sup>Bi-197



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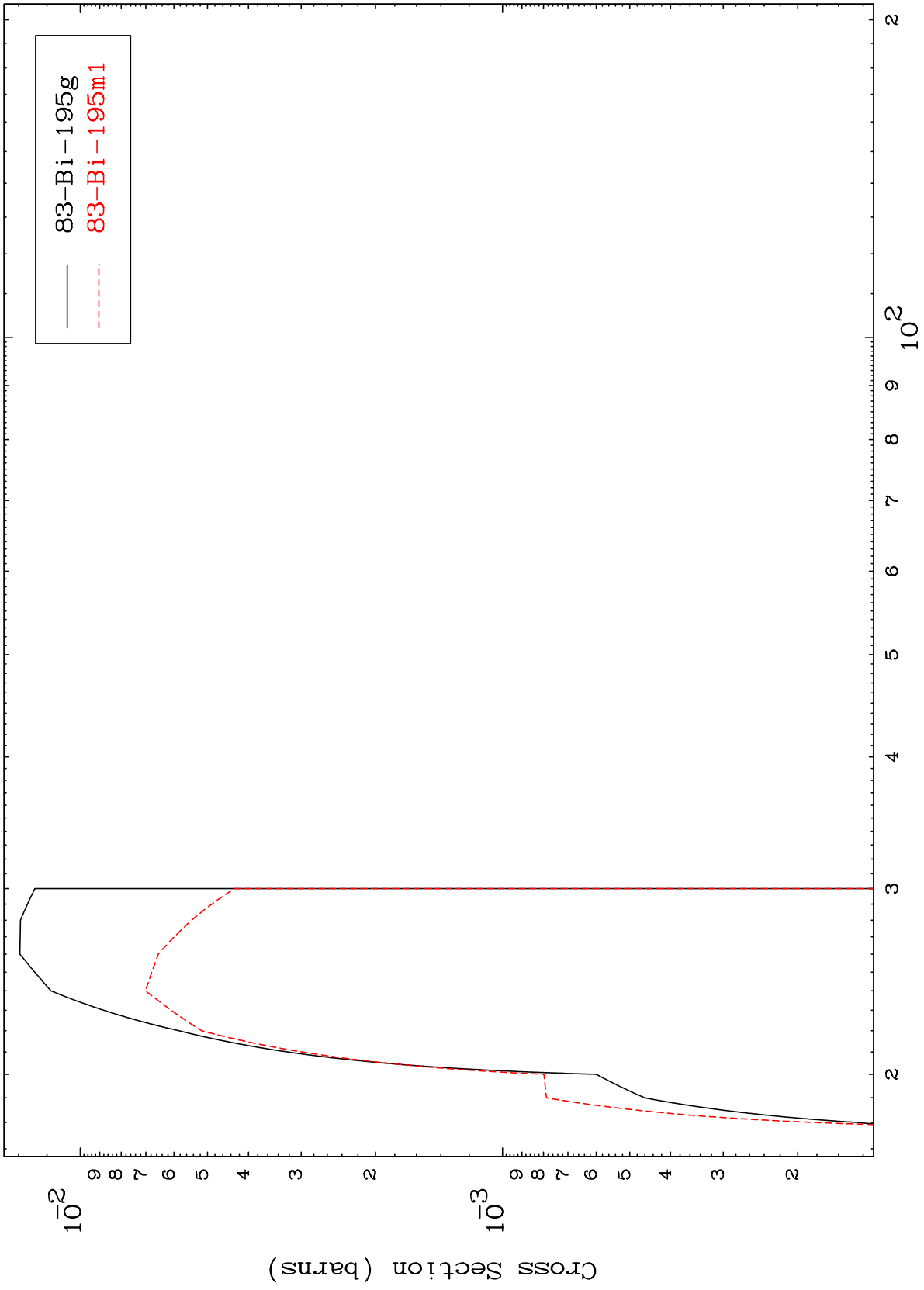
Incident Energy (MeV)

<sup>83</sup>Bi-197

MAT 8290

83-Bi-197

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



12

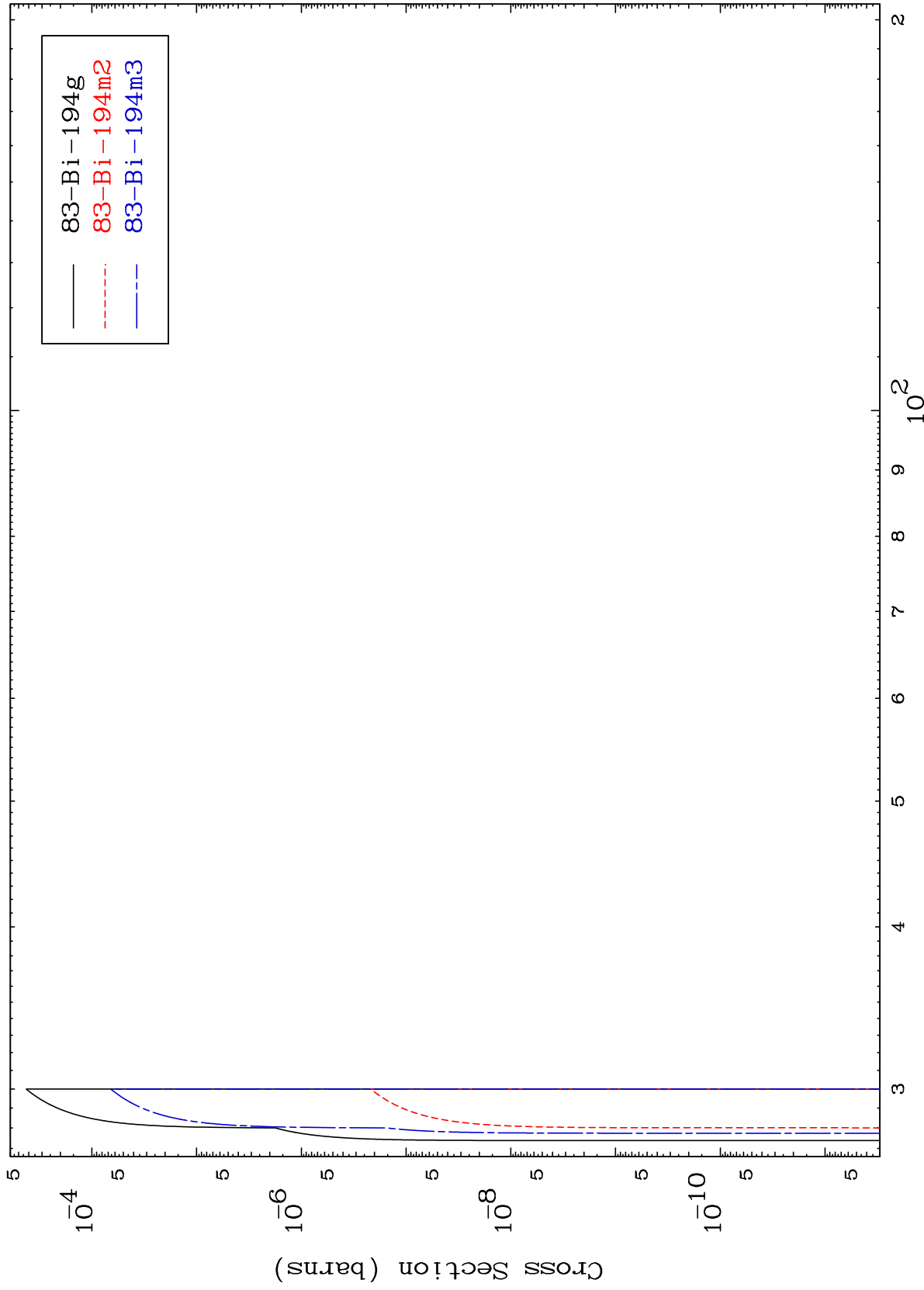
Incident Energy (MeV)

83-Bi-197

MAT 8290

83-Bi-197

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



83-Bi-197

Incident Energy (MeV)

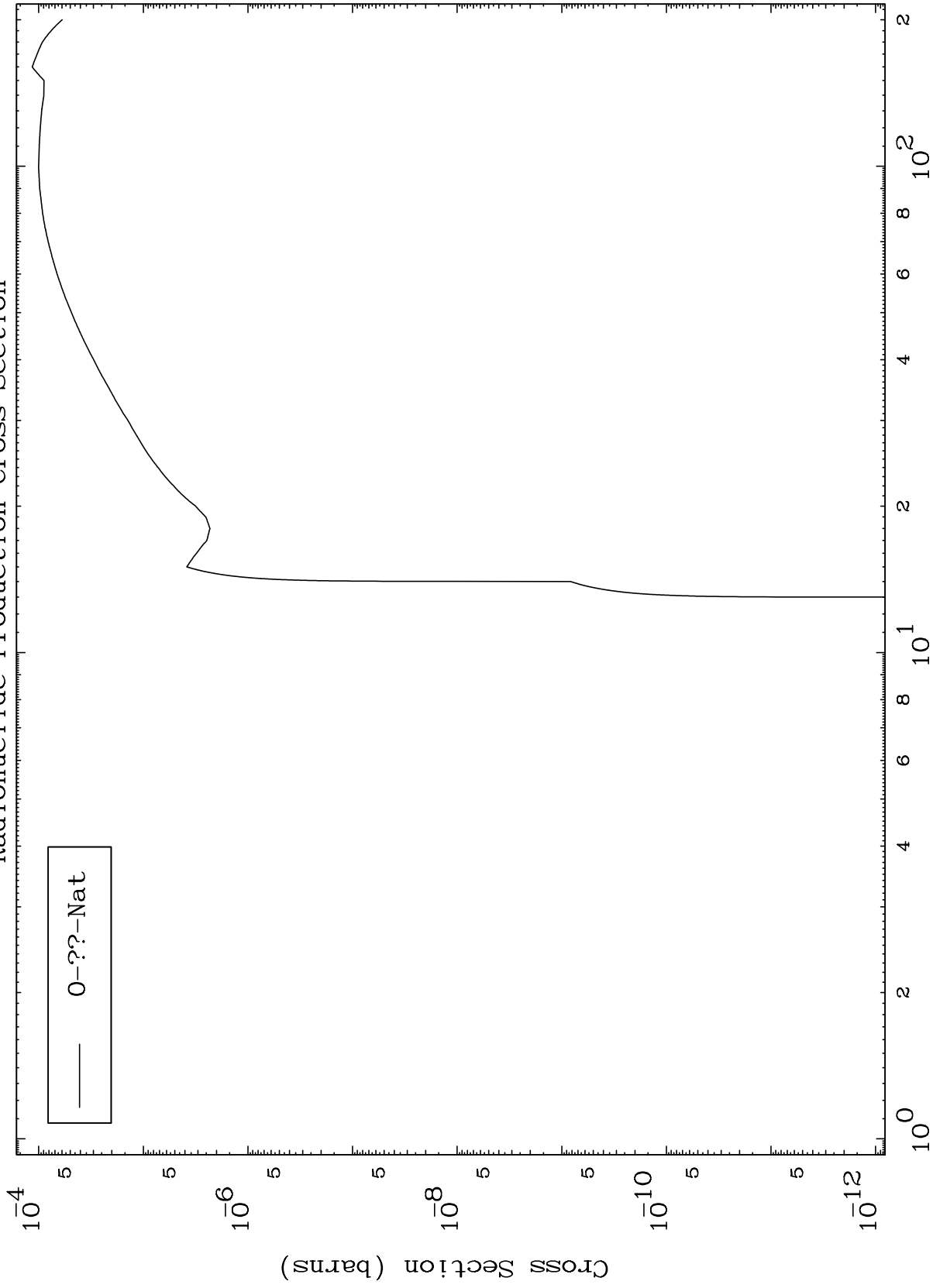
13

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Photon Fission

83-Bi-197

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-197

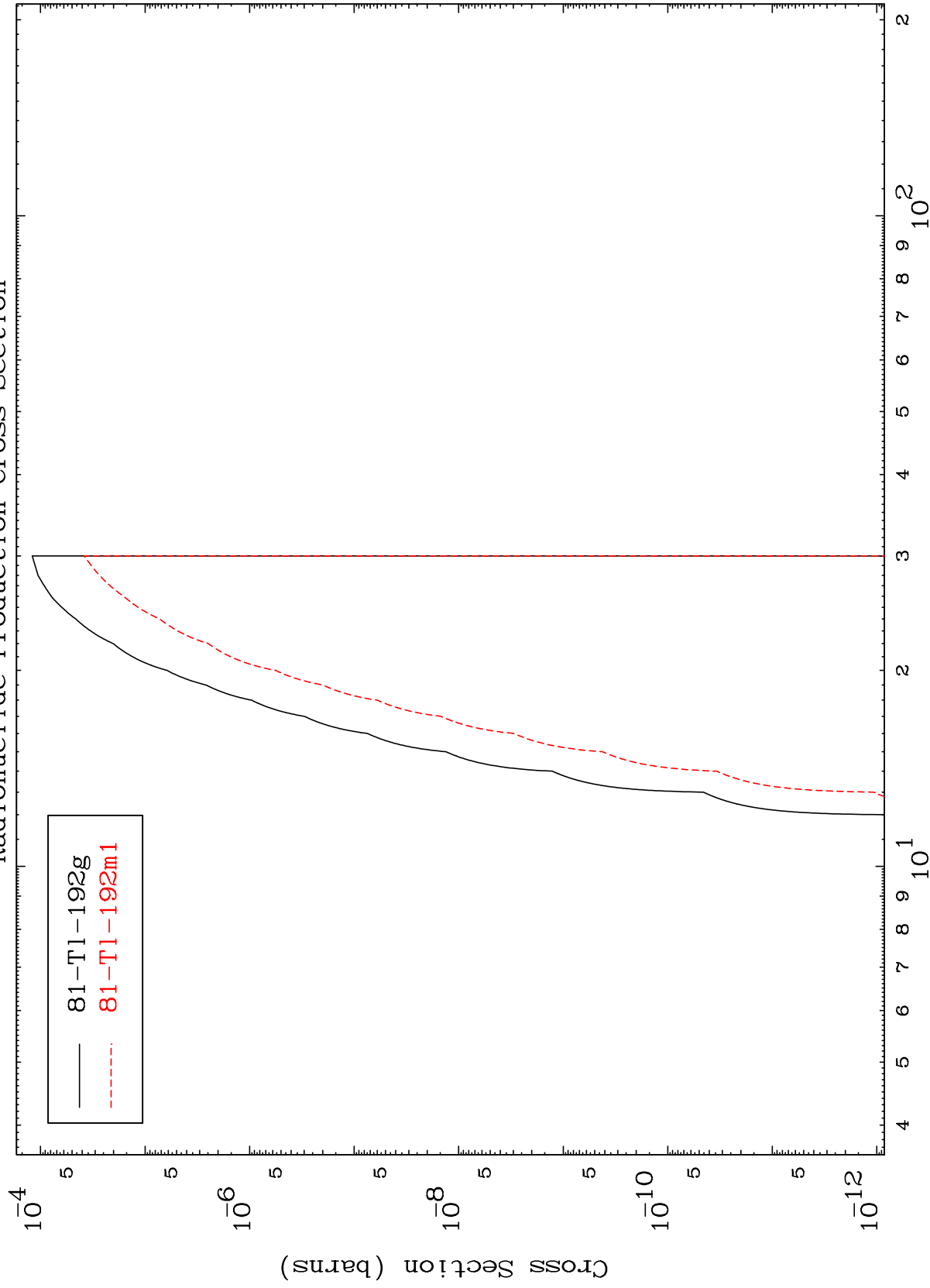
14

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

83-Bi-197

Radionuclide Production Cross Section



15

Incident Energy (MeV)

83-Bi-197

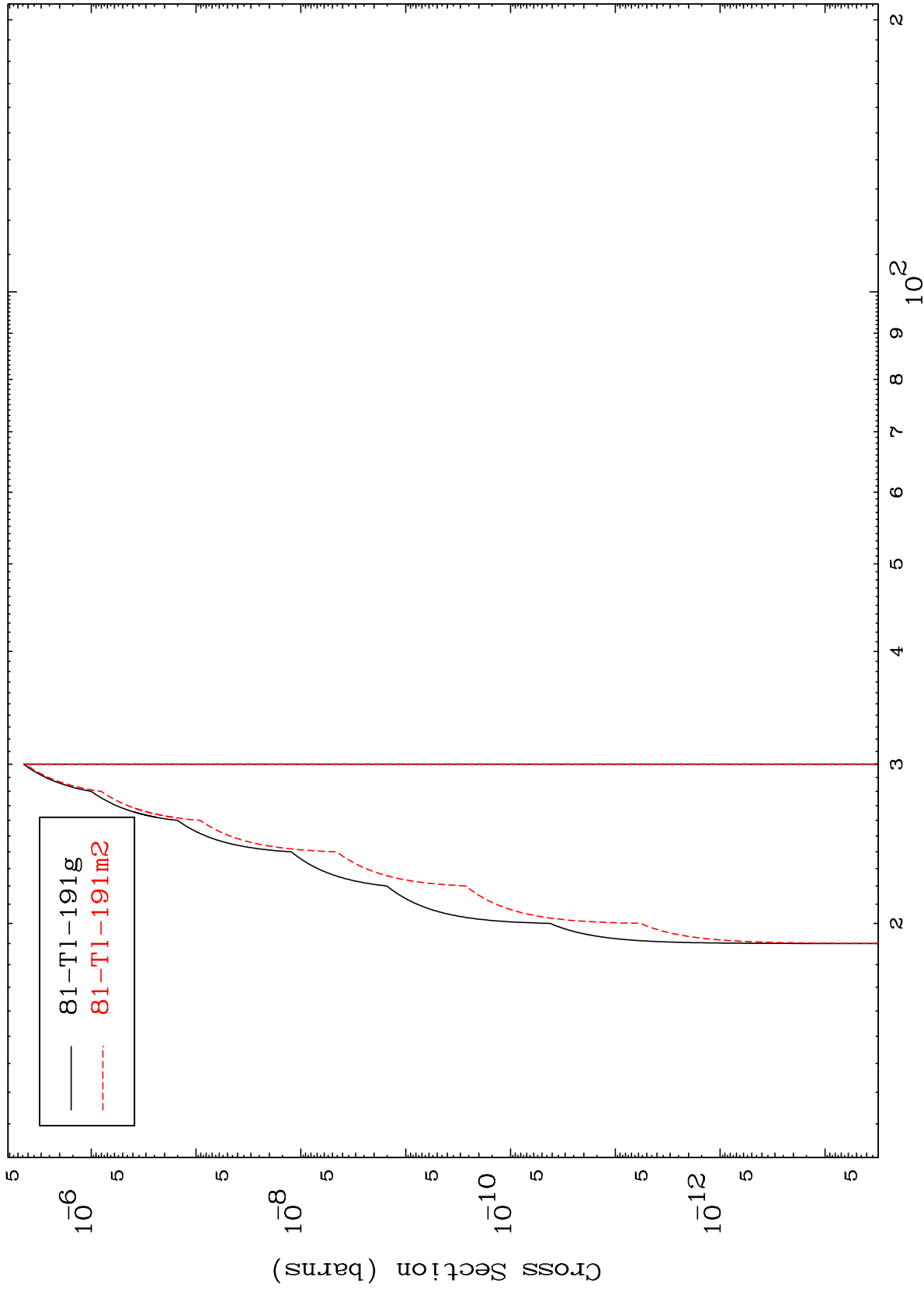


MAT 8290

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

83-Bi-197

Radionuclide Production Cross Section



16

Incident Energy (MeV)

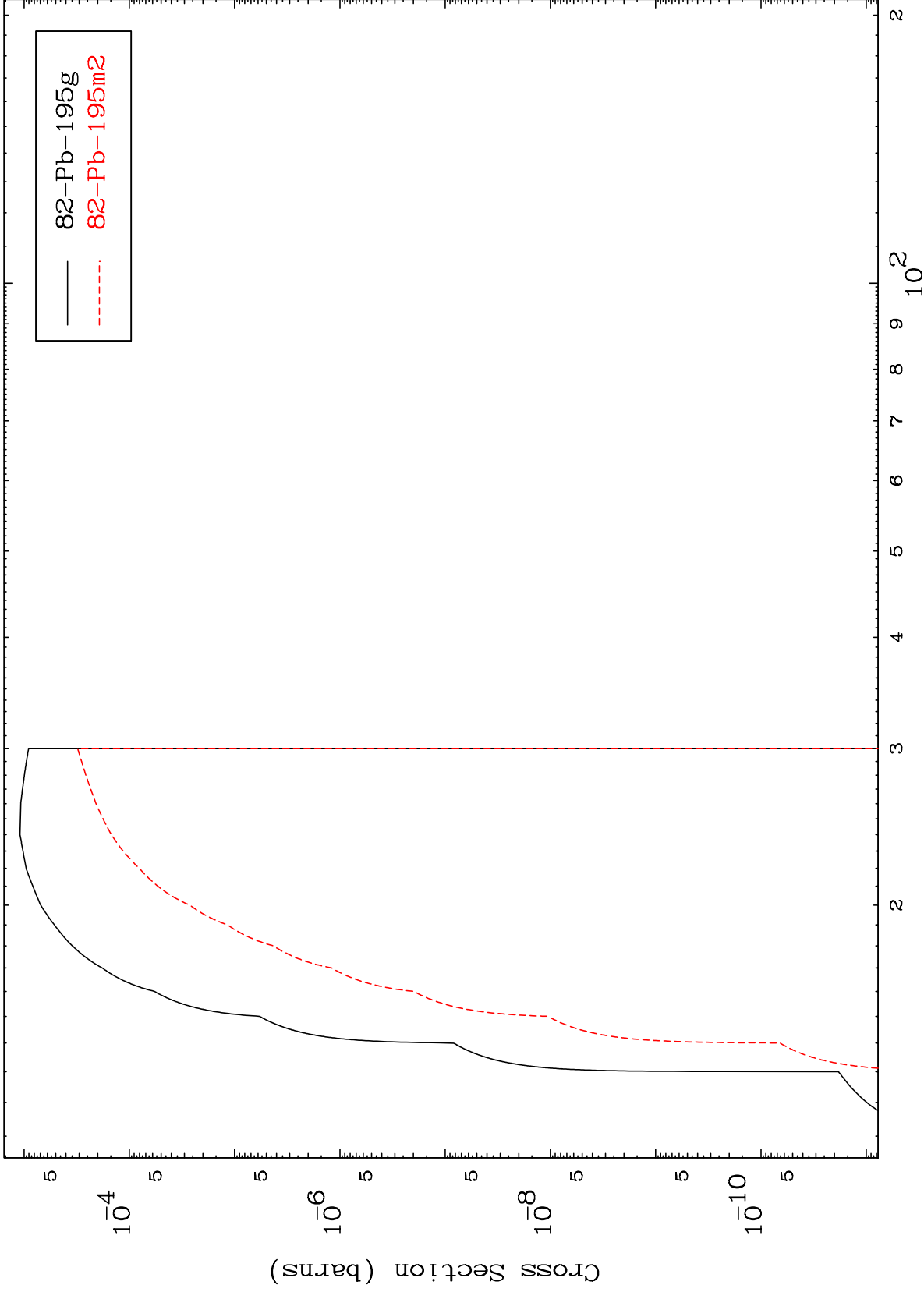
83-Bi-197

MAT 8290

( $\gamma, n'$ ) p

83-Bi-197

Radionuclide Production Cross Section



17

Incident Energy (MeV)

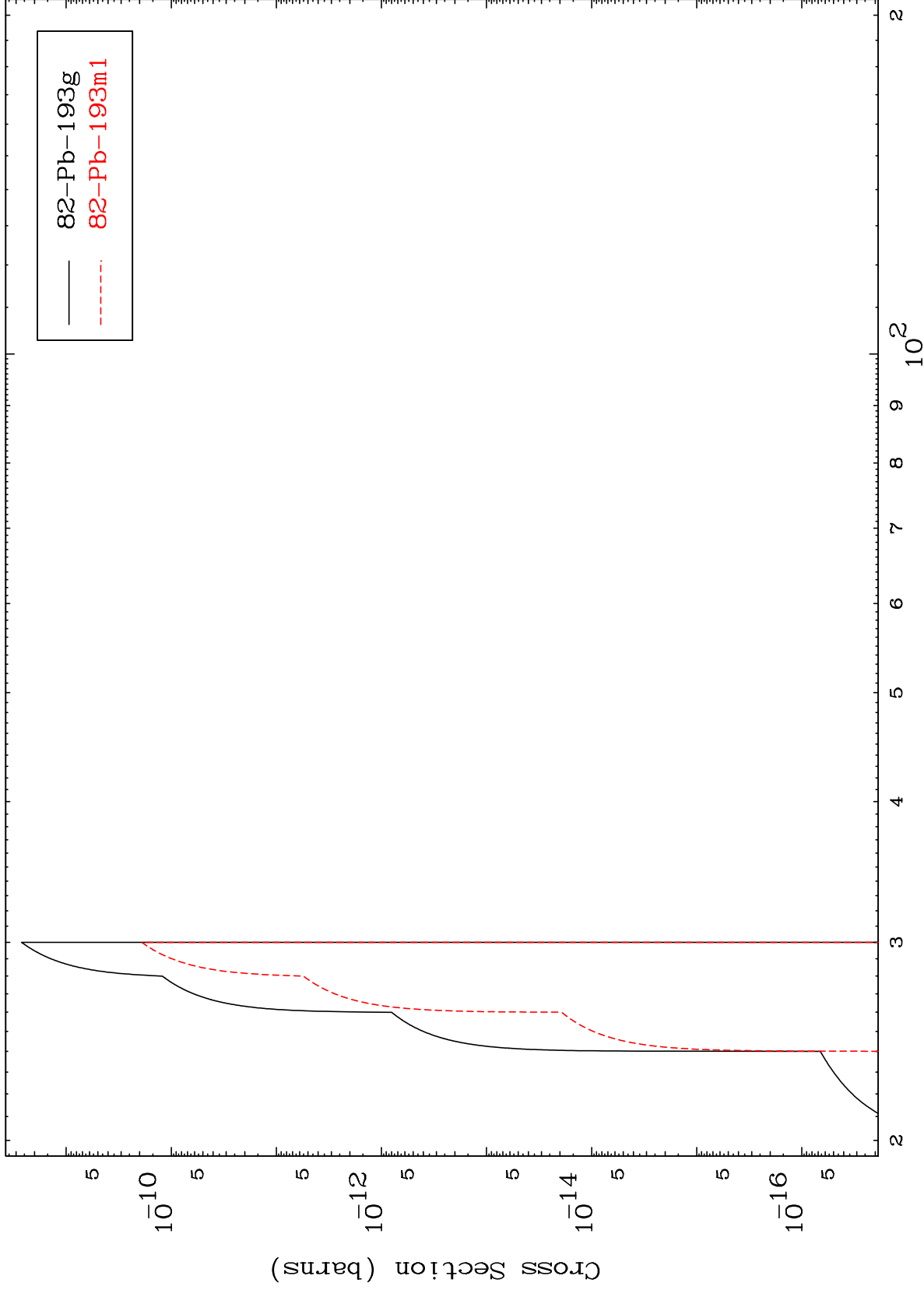
83-Bi-197

MAT 8290

( $\gamma, n'$ ) t

83-Bi-197

Radionuclide Production Cross Section



18

Incident Energy (MeV)

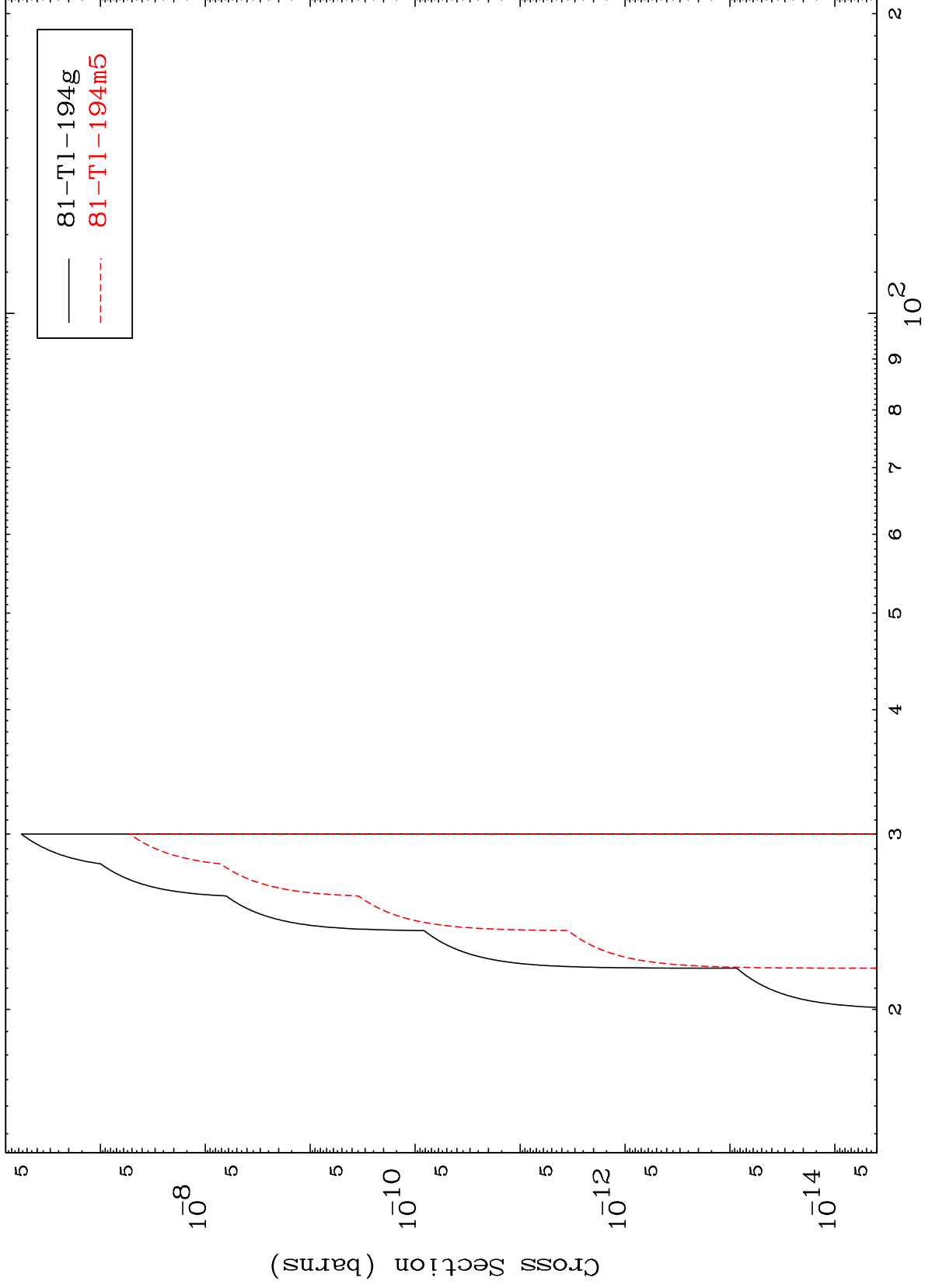
83-Bi-197

MAT 8290

( $\gamma, 2n$ ) p

83-Bi-197

Radionuclide Production Cross Section



19

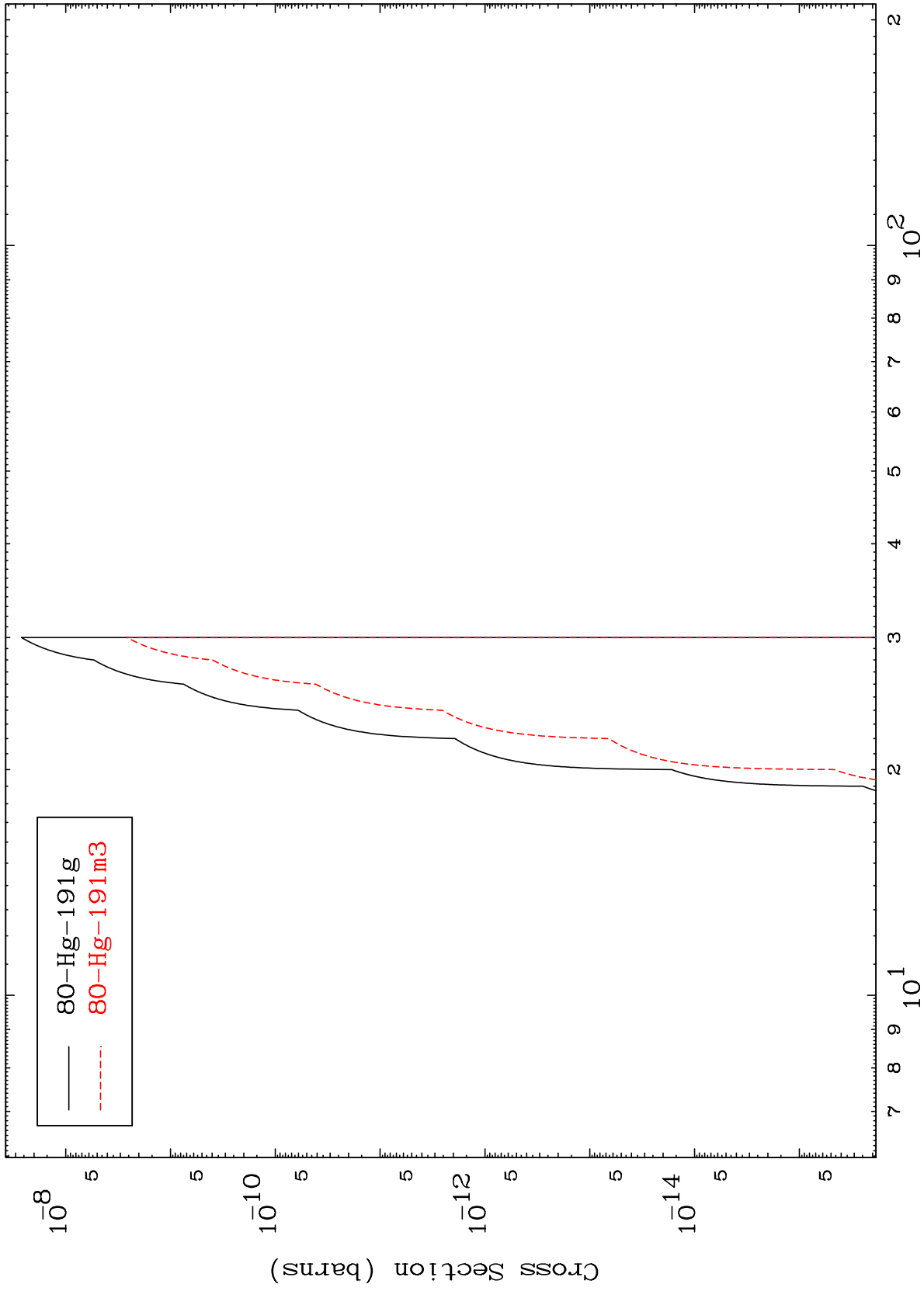
Incident Energy (MeV)

83-Bi-197

MAT 8290

83-Bi-197

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



20

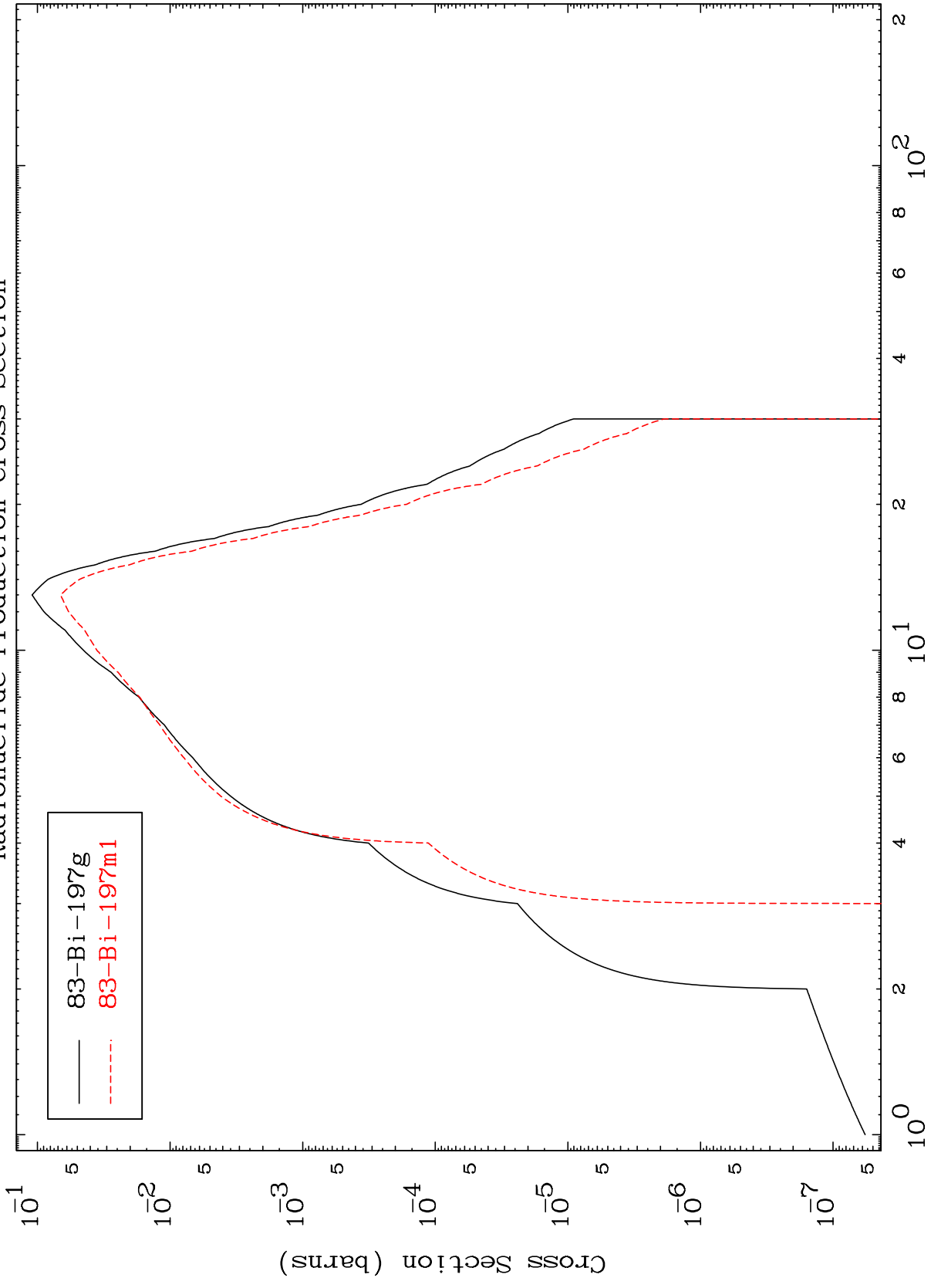
Incident Energy (MeV)

83-Bi-197

MAT 8290

83-Bi-197

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



83-Bi-197g  
83-Bi-197m1

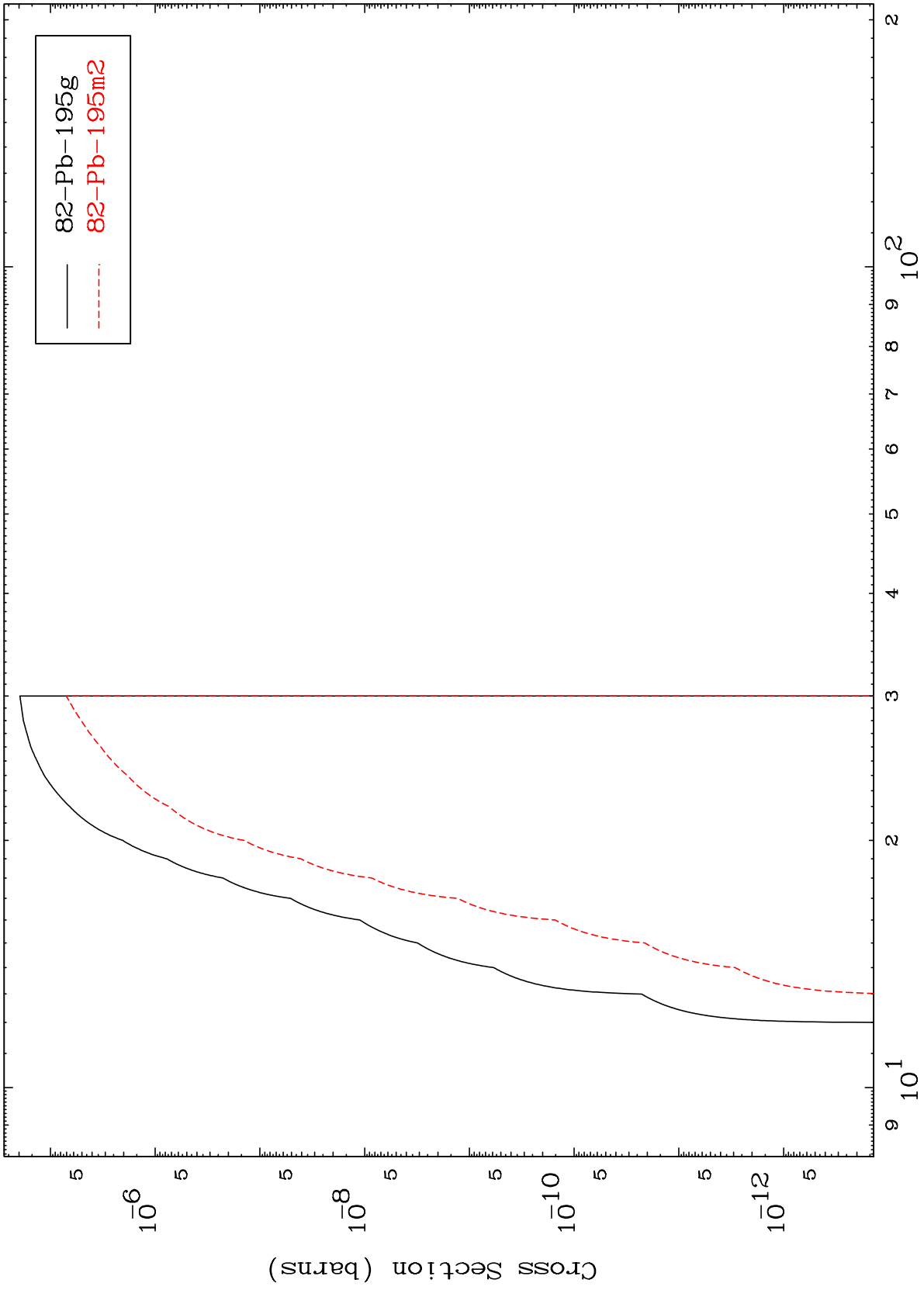
21

83-Bi-197

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83-Bi-197

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



22

Incident Energy (MeV)

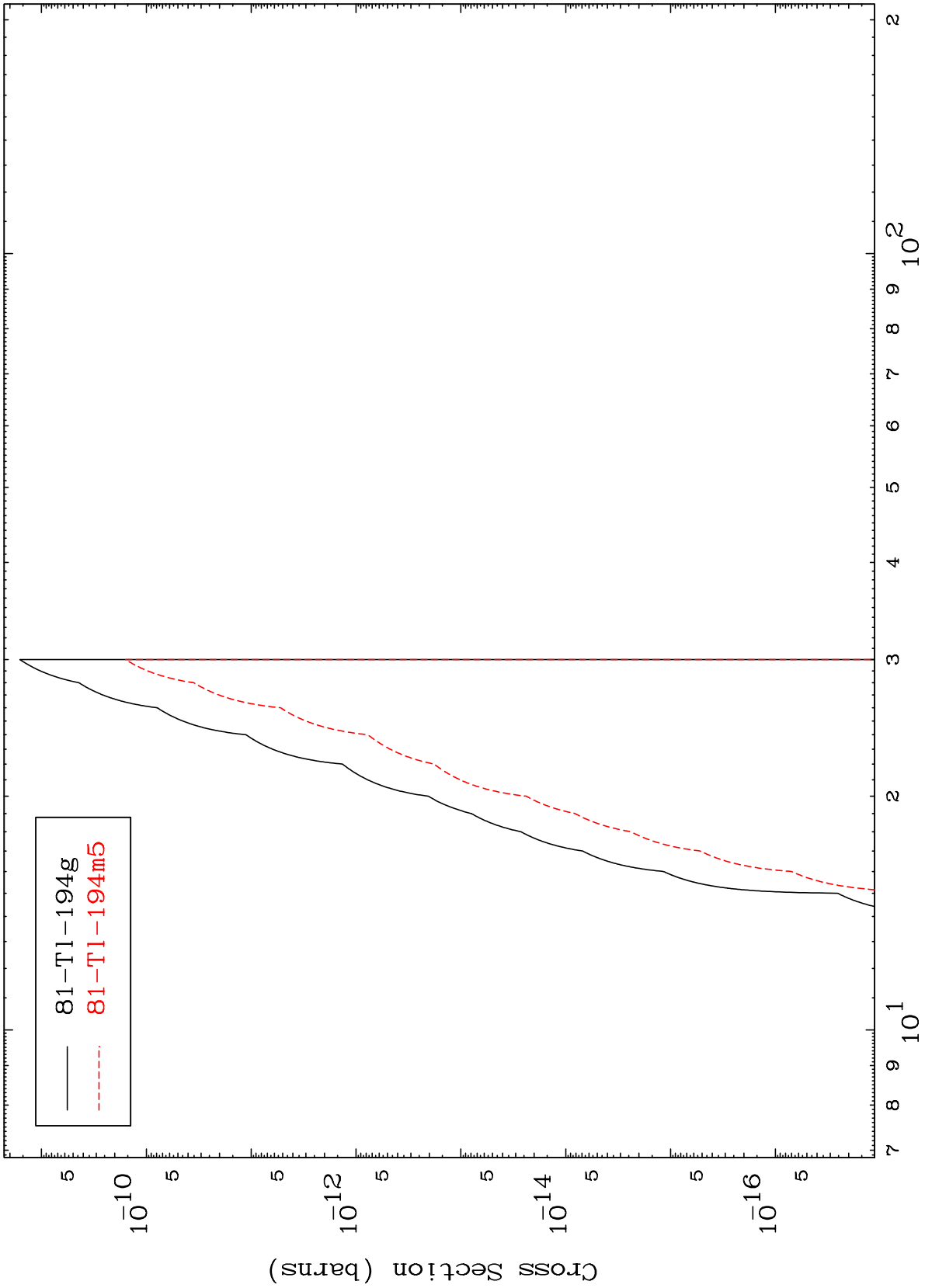
83-Bi-197

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

83-Bi-197

Radionuclide Production Cross Section



23

Incident Energy (MeV)

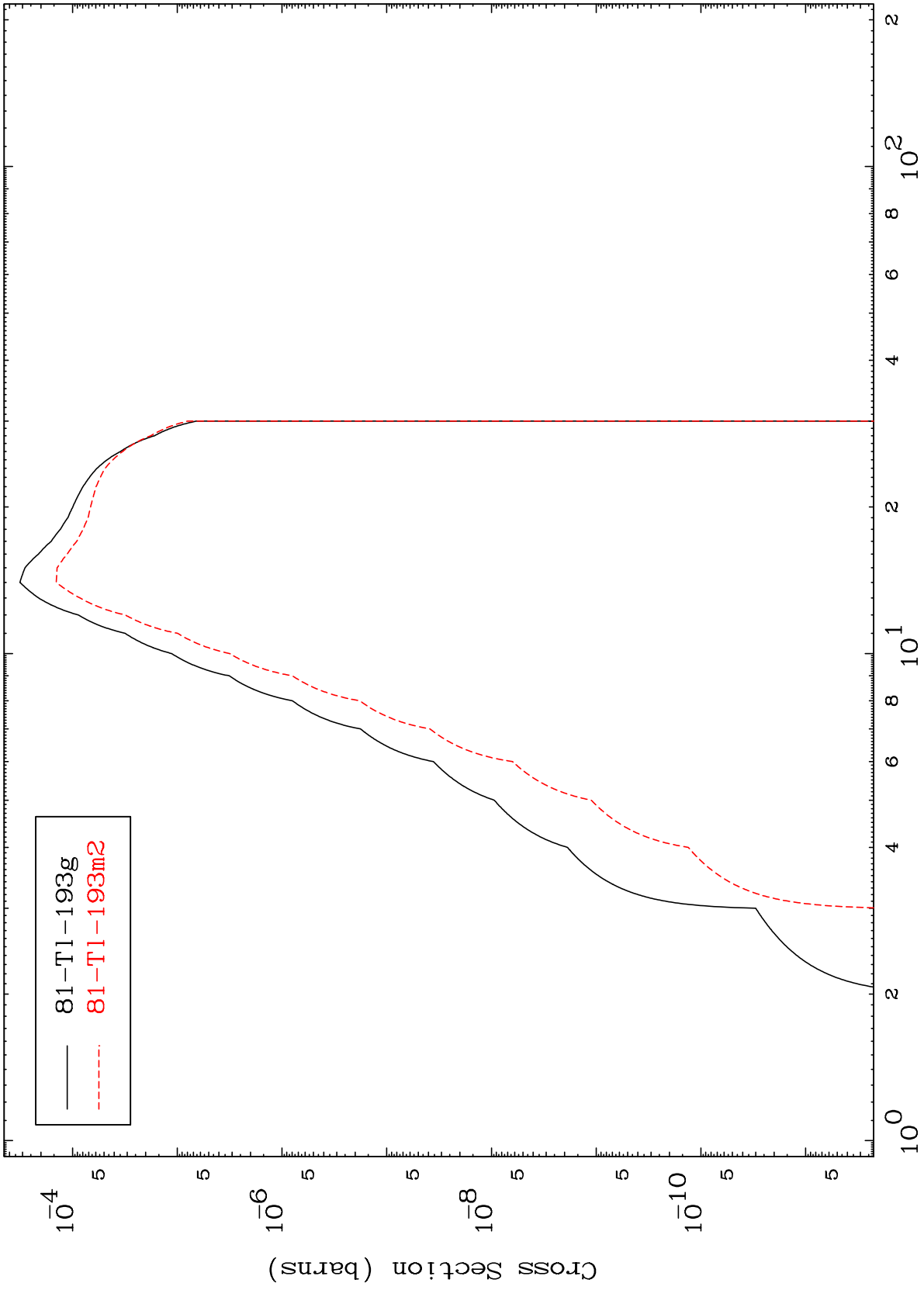
83-Bi-197



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83-Bi-197

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



24

Incident Energy (MeV)

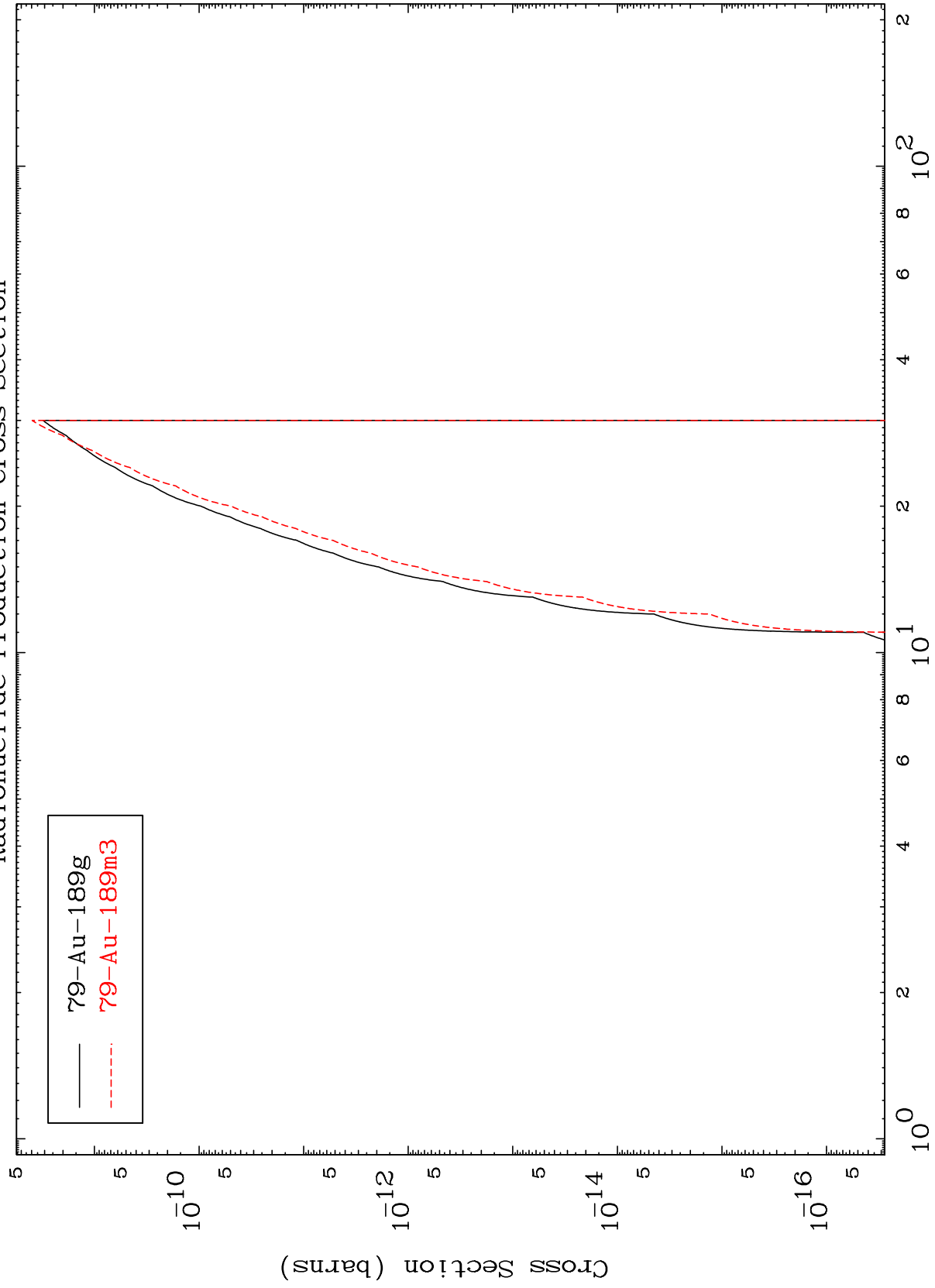
83-Bi-197

MAT 8290

( $\gamma, 2\alpha$ )

83-Bi-197

Radionuclide Production Cross Section



25

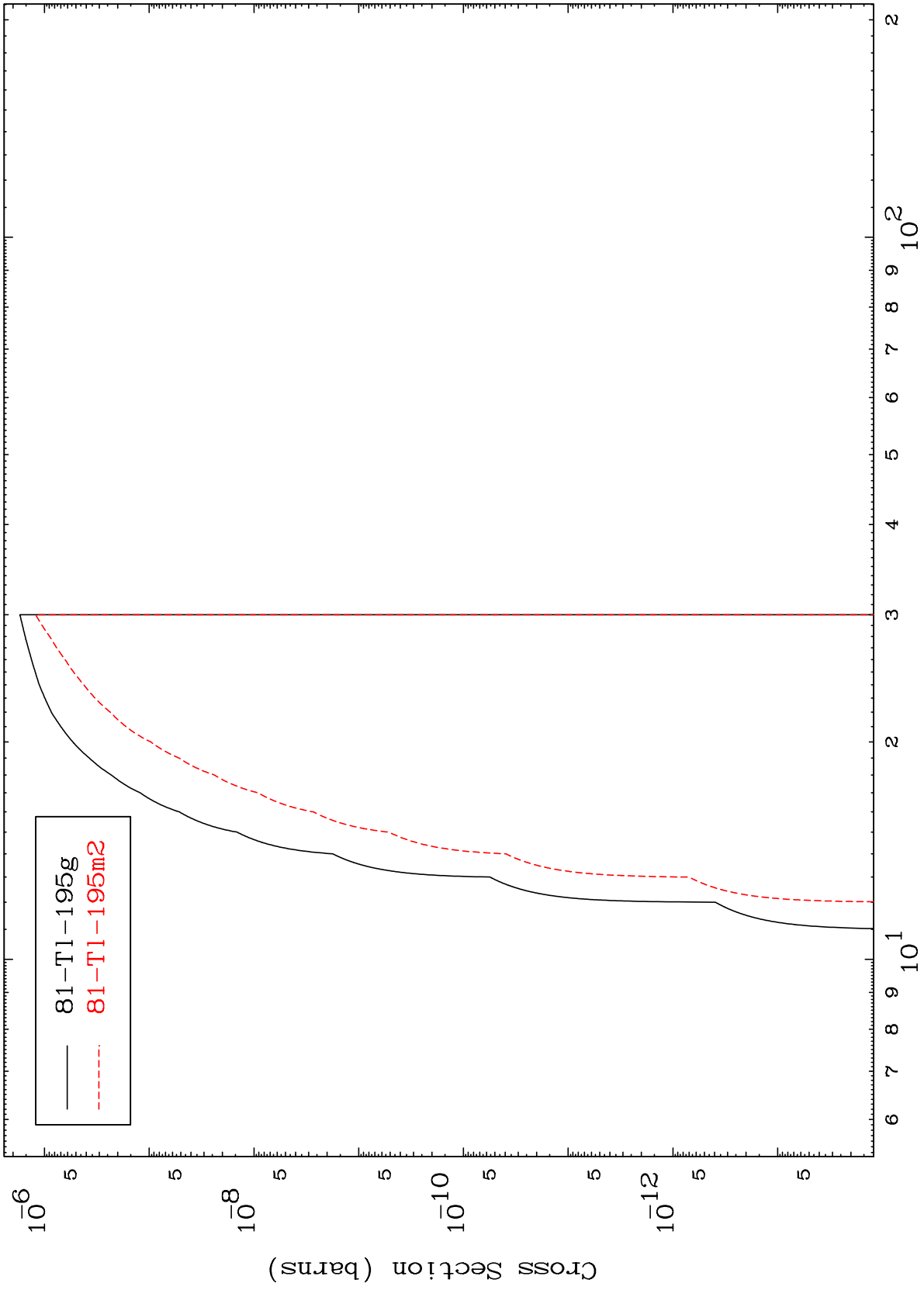
Incident Energy (MeV)

83-Bi-197

MAT 8290

83-Bi-197

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



26

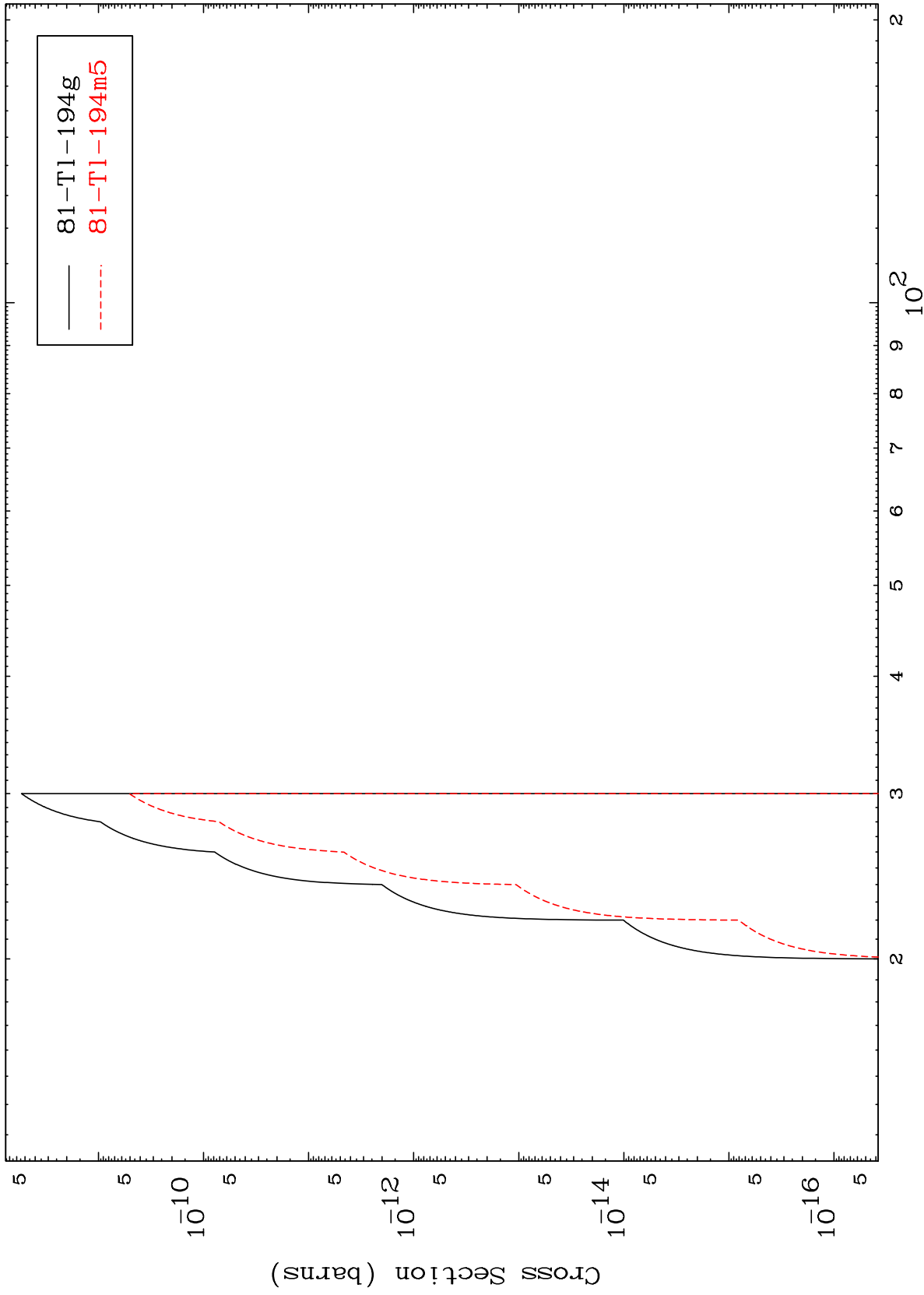
83-Bi-197

MAT 8290

( $\gamma, p$ ) d

83-Bi-197

Radionuclide Production Cross Section



27

Incident Energy (MeV)

83-Bi-197