

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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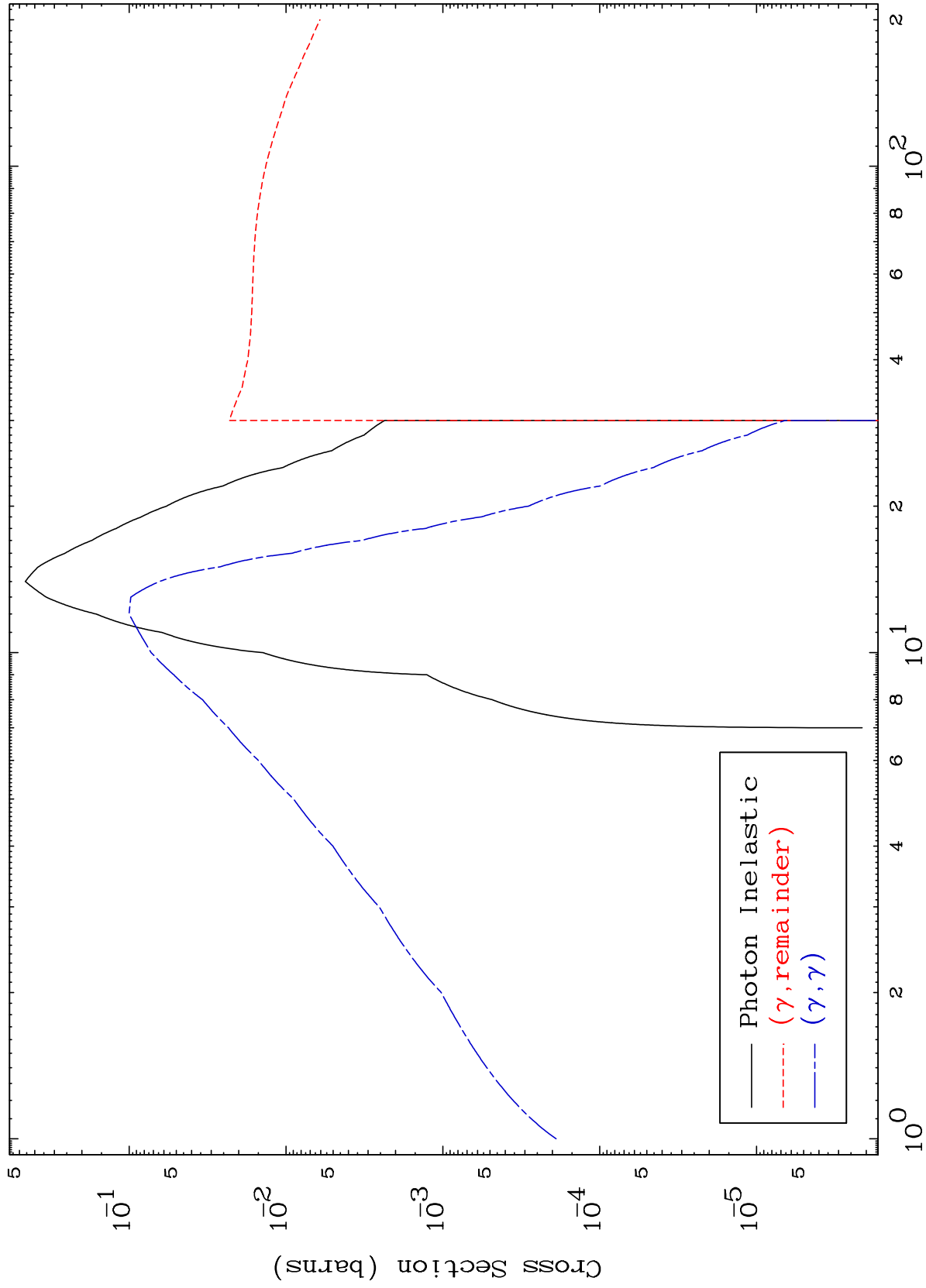
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

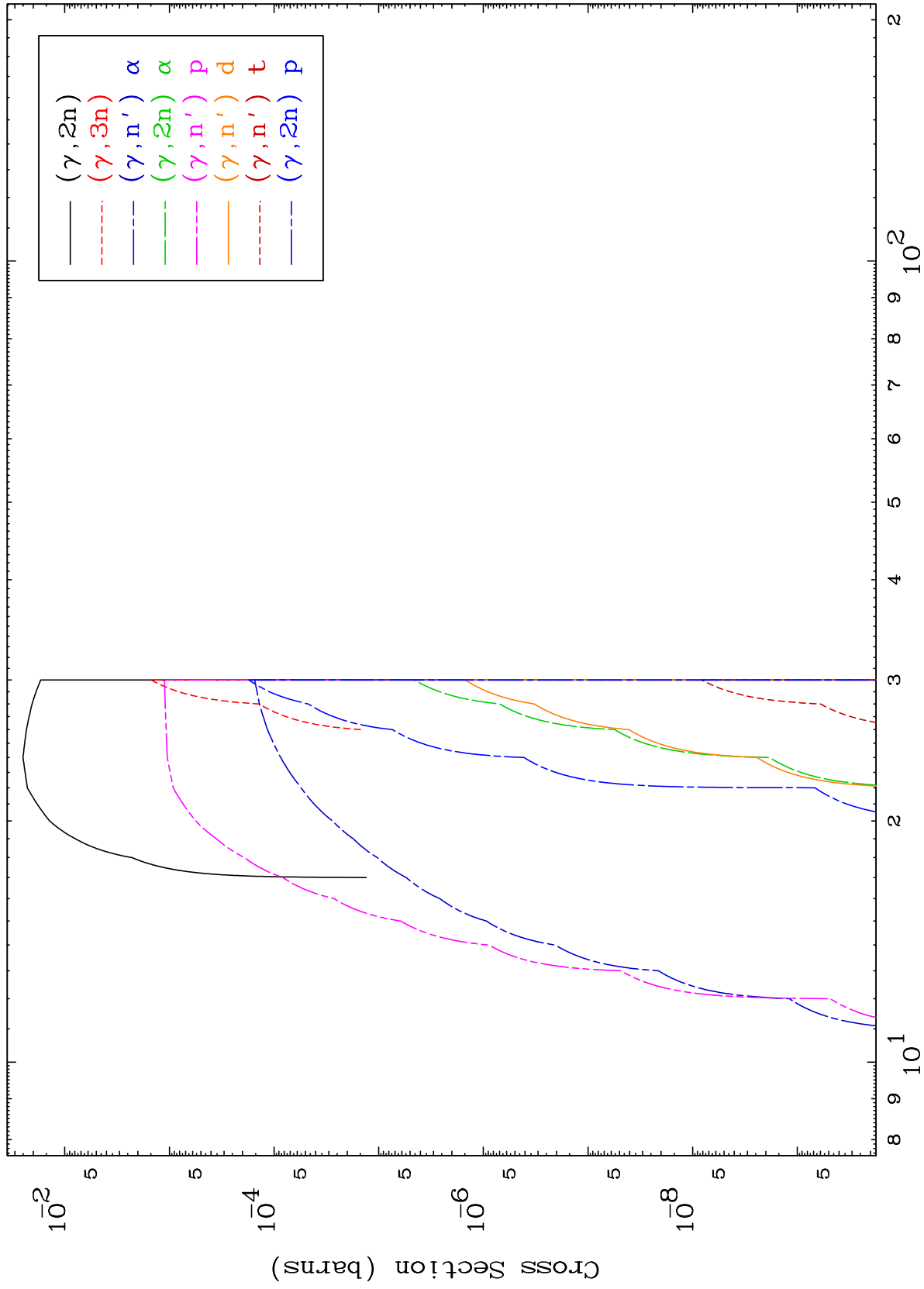
Press Mouse Button to Start

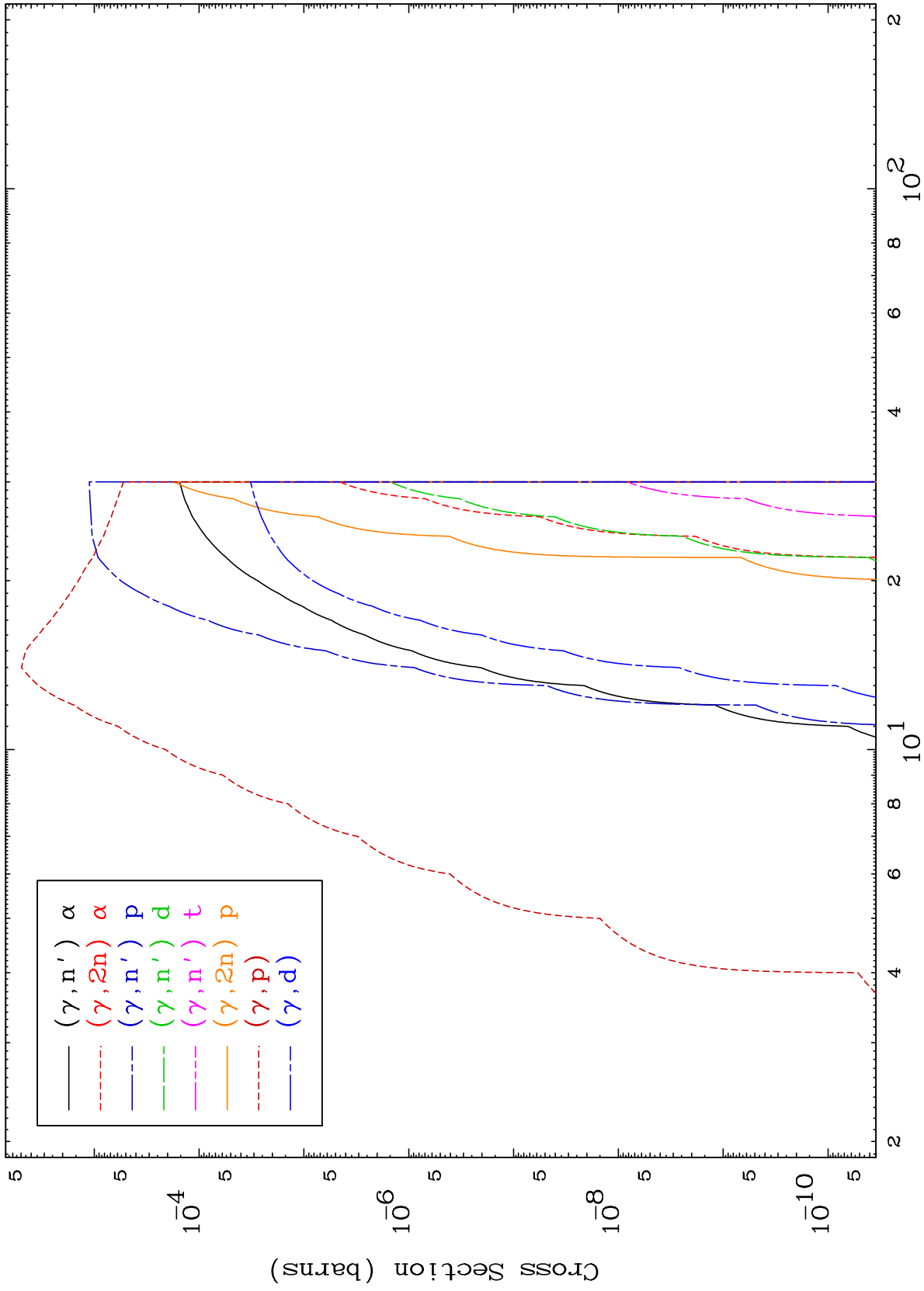
MAT 8293

Photon Major  
0 Kelvin Cross Sections

83-Bi-198



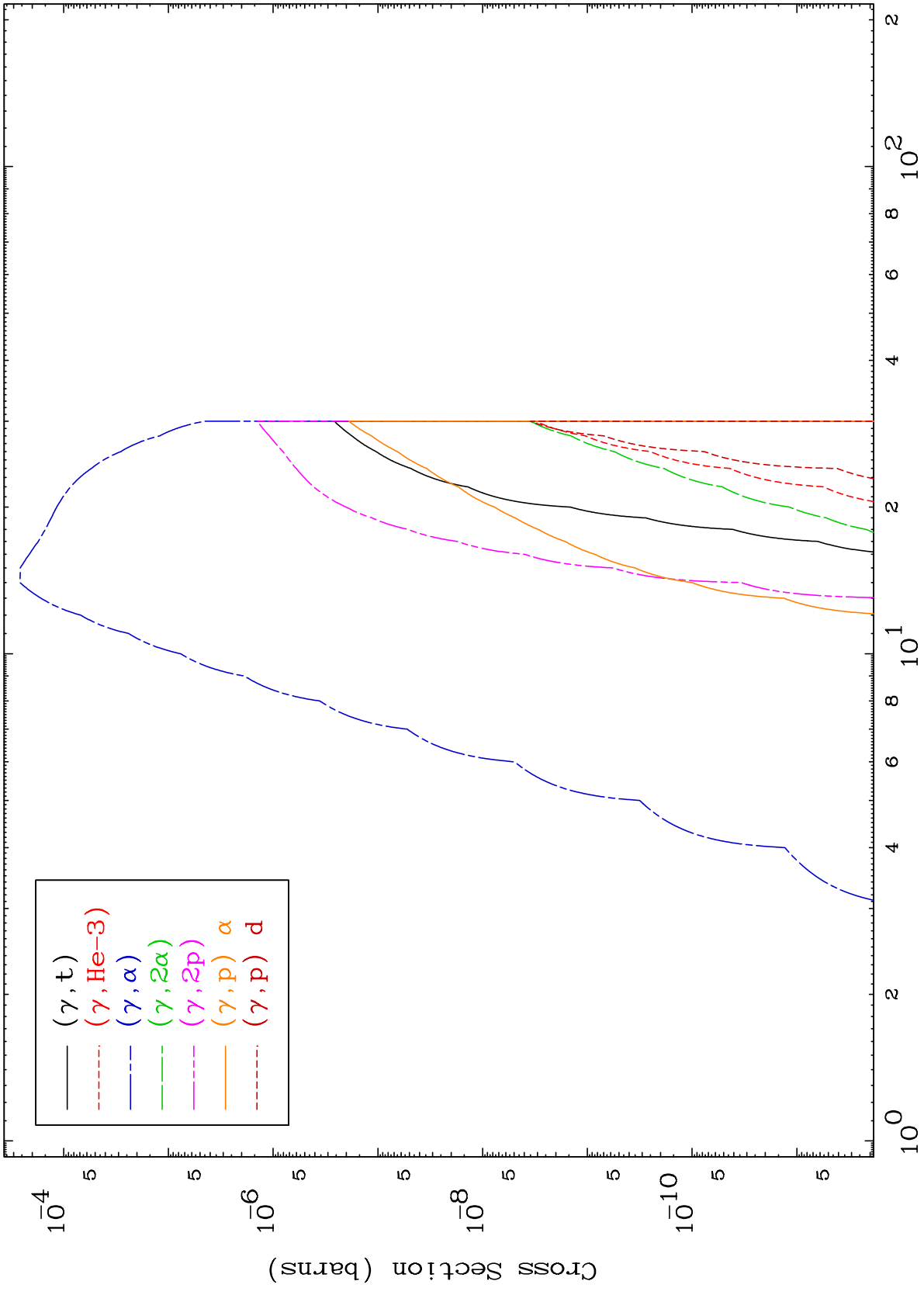




MAT 8293

Photon Charged Particle  
0 Kelvin Cross Sections

83-Bi-198



83-Bi-198

Incident Energy (MeV)

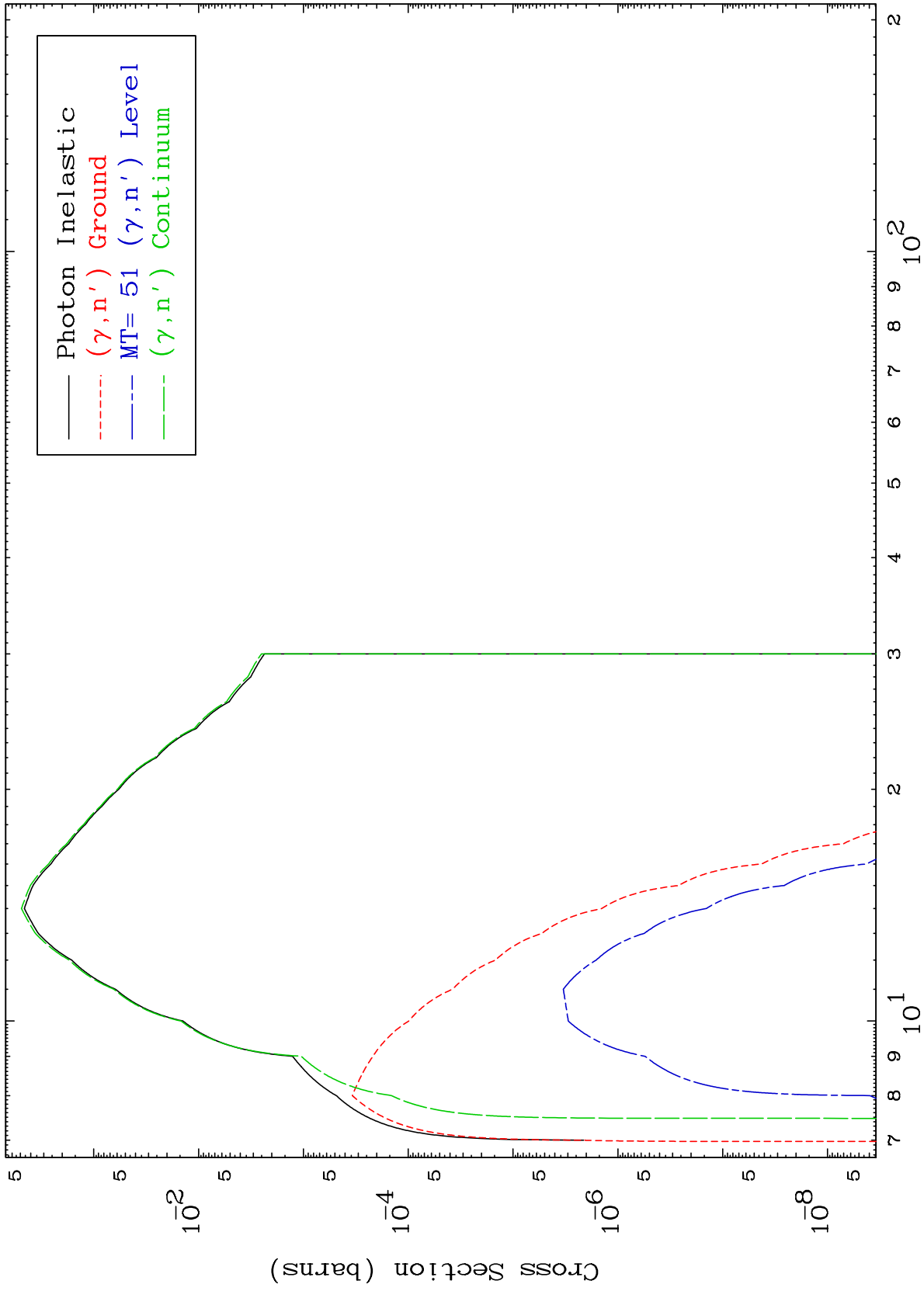
4

MAT 8293

$(\gamma, n')$  Level

83-Bi-198

0 Kelvin Cross Sections



5

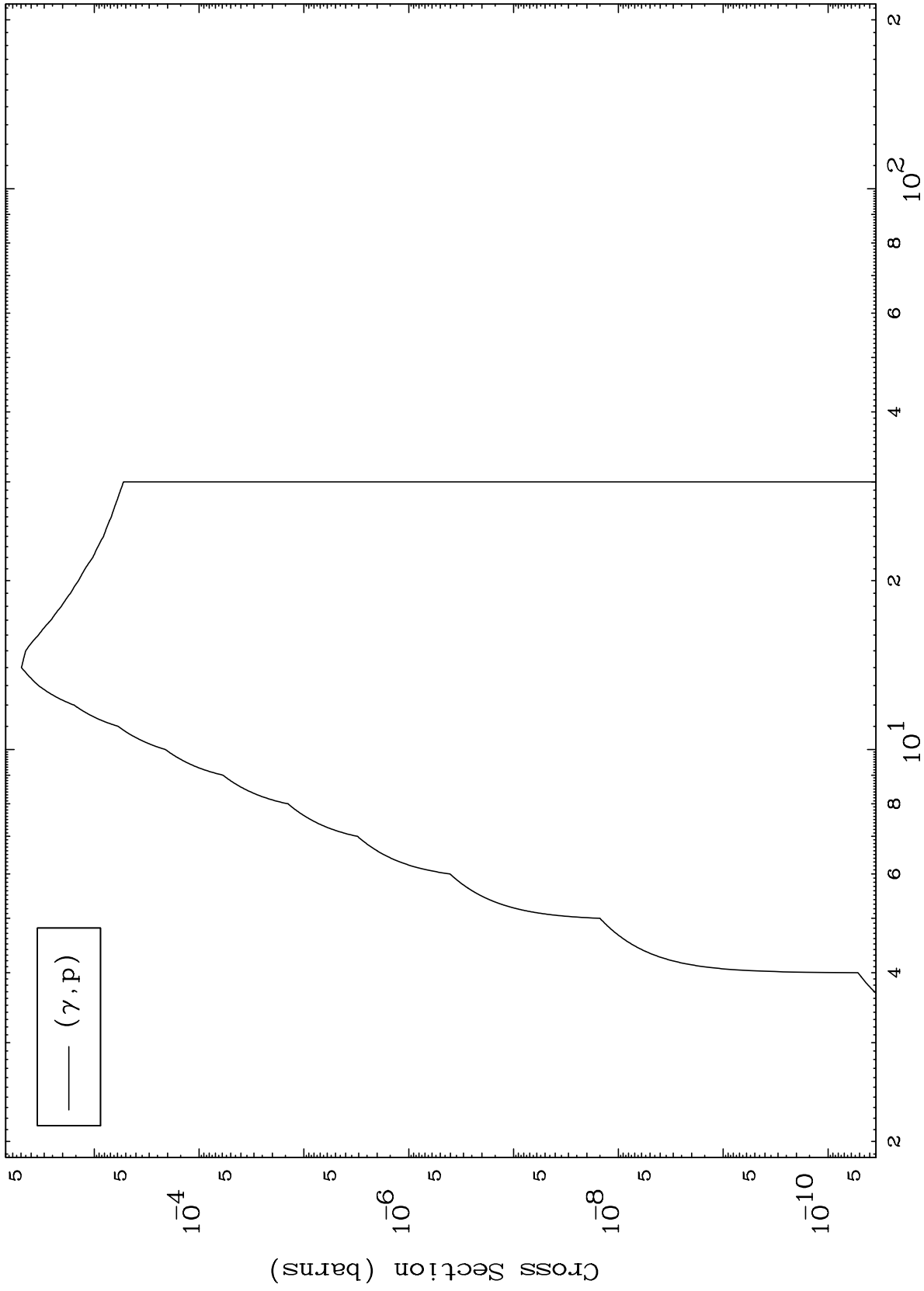
Incident Energy (MeV)

83-Bi-198

MAT 8293

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

83-Bi-198



6

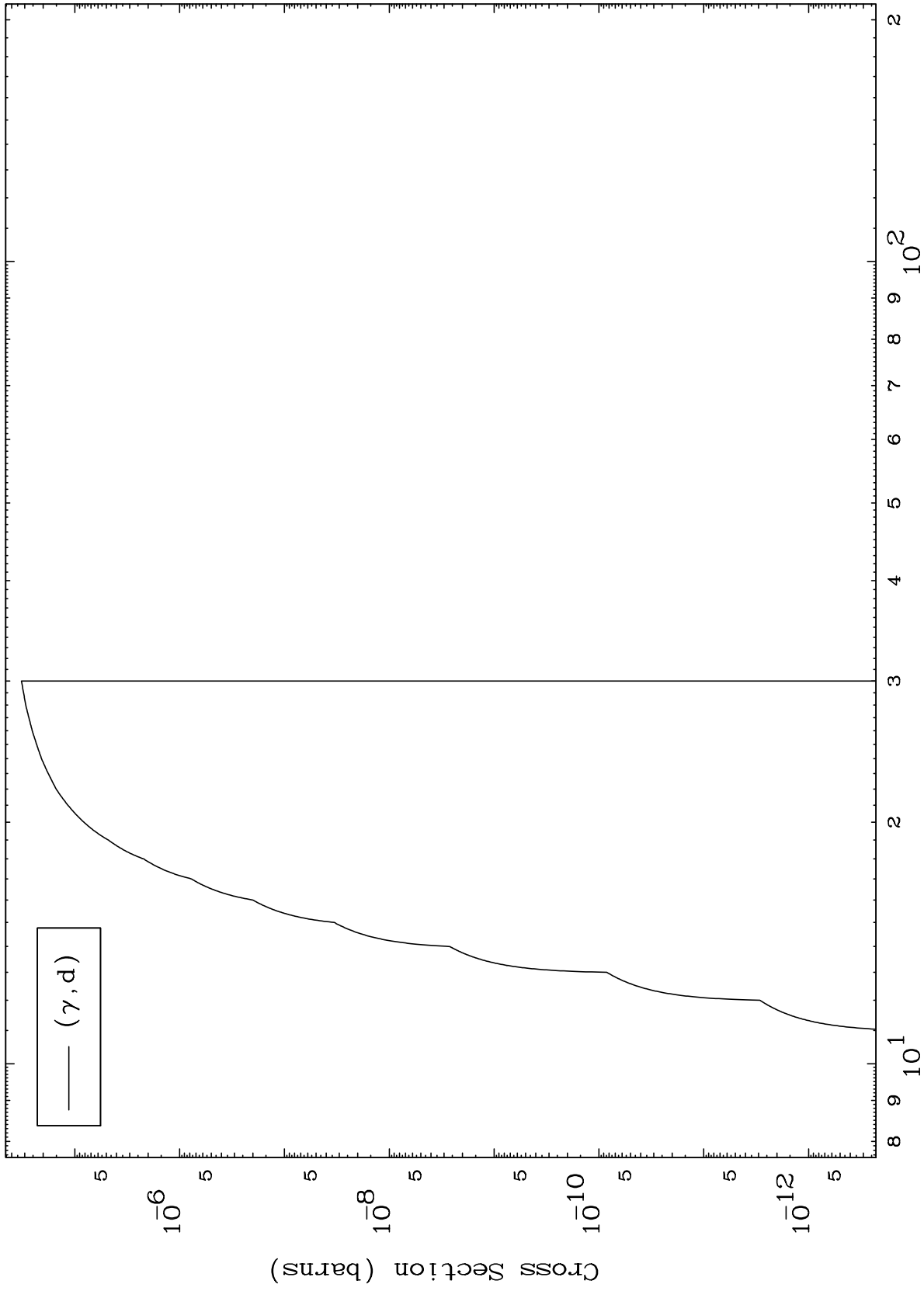
Incident Energy (MeV)

83-Bi-198

MAT 8293

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

83-Bi-198

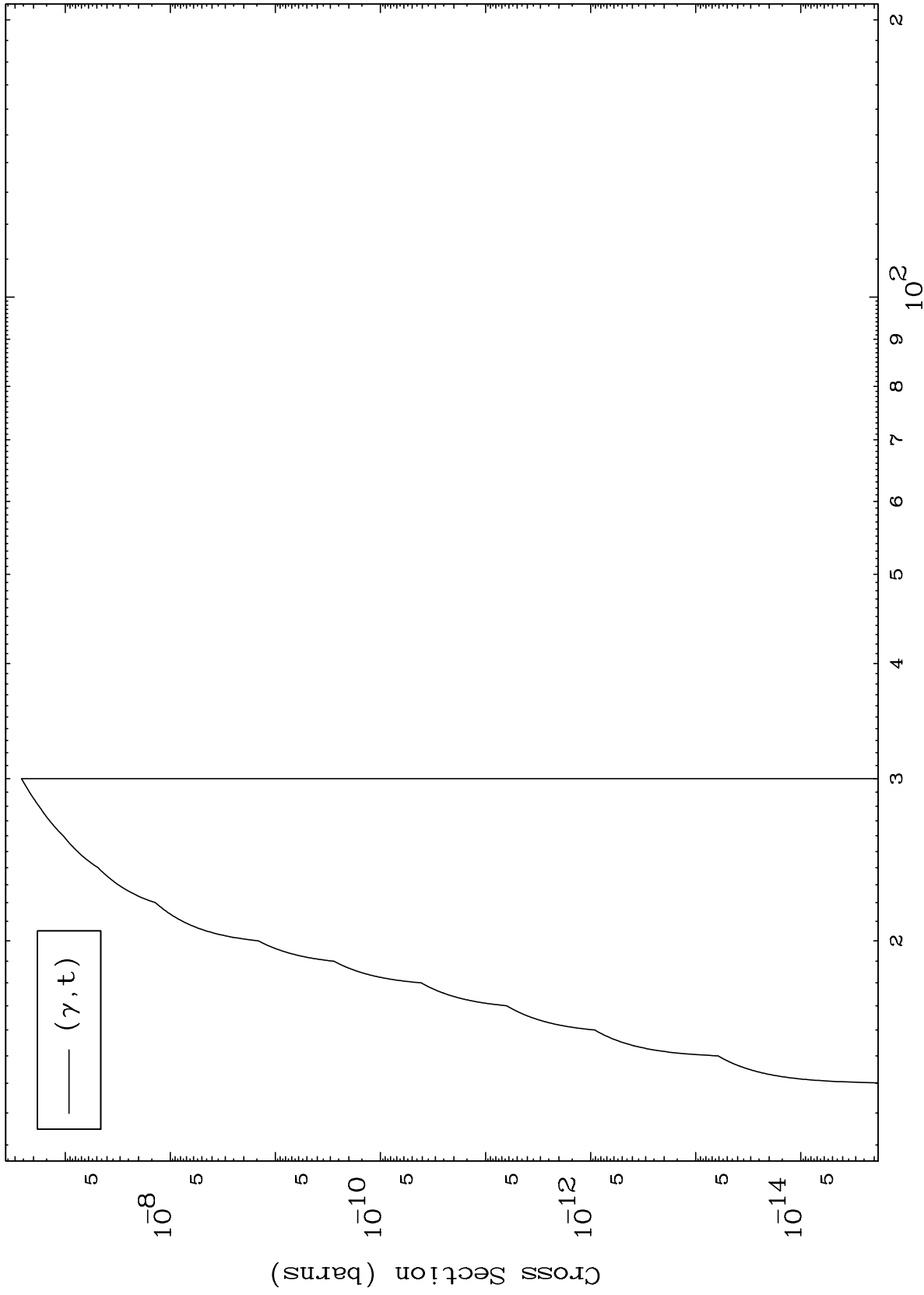


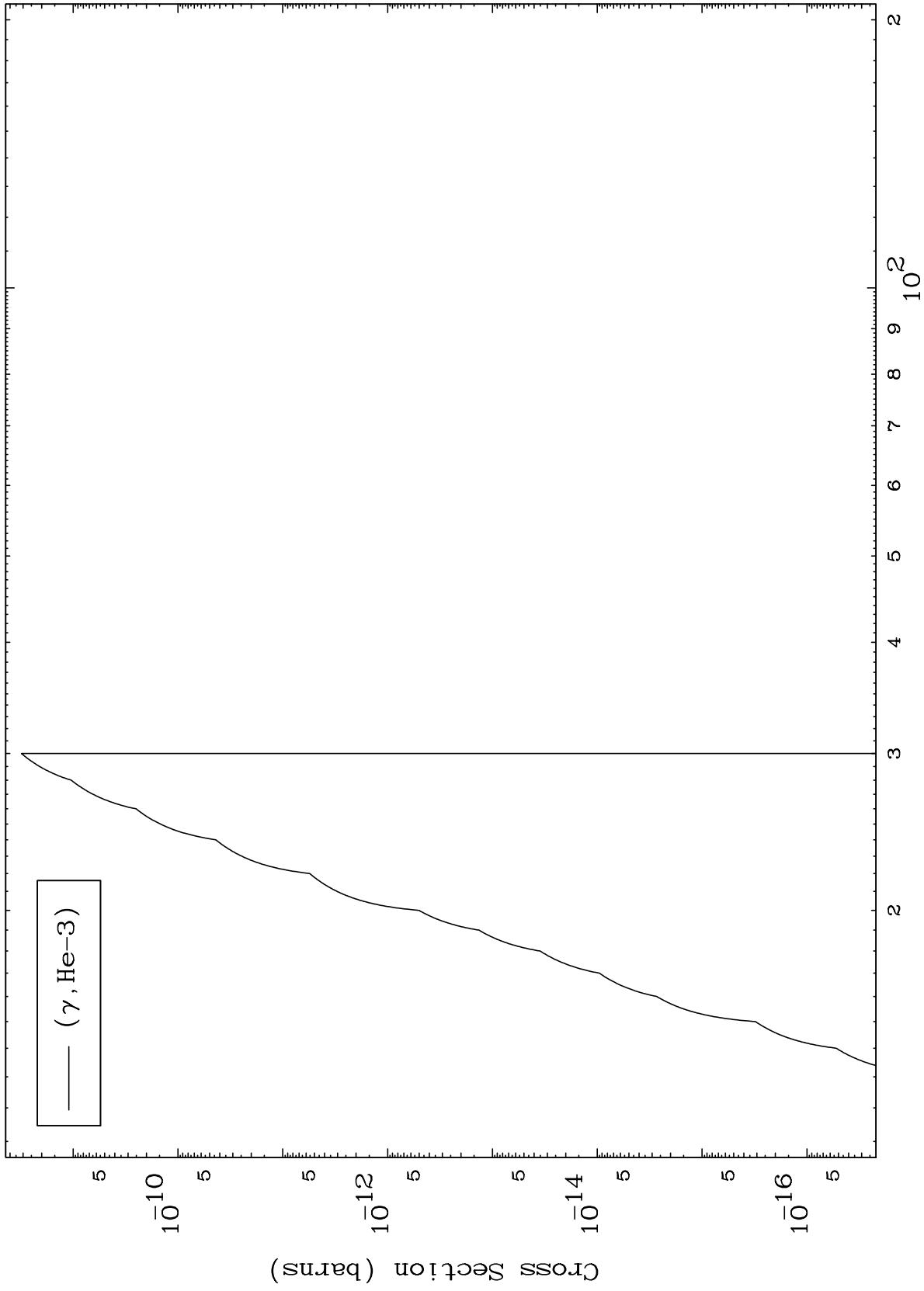
7

Incident Energy (MeV)

83-Bi-198



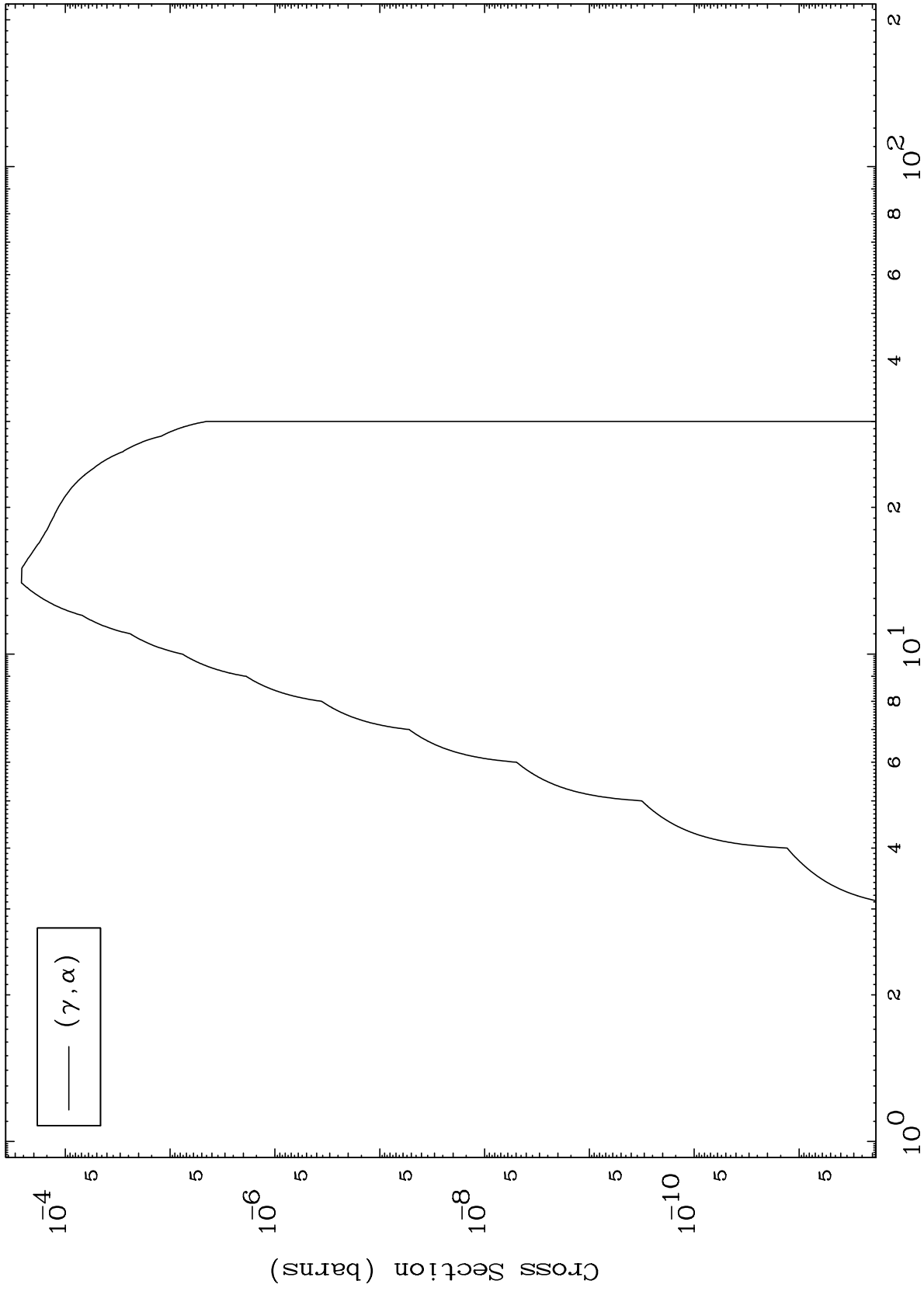




MAT 8293

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

83-Bi-198



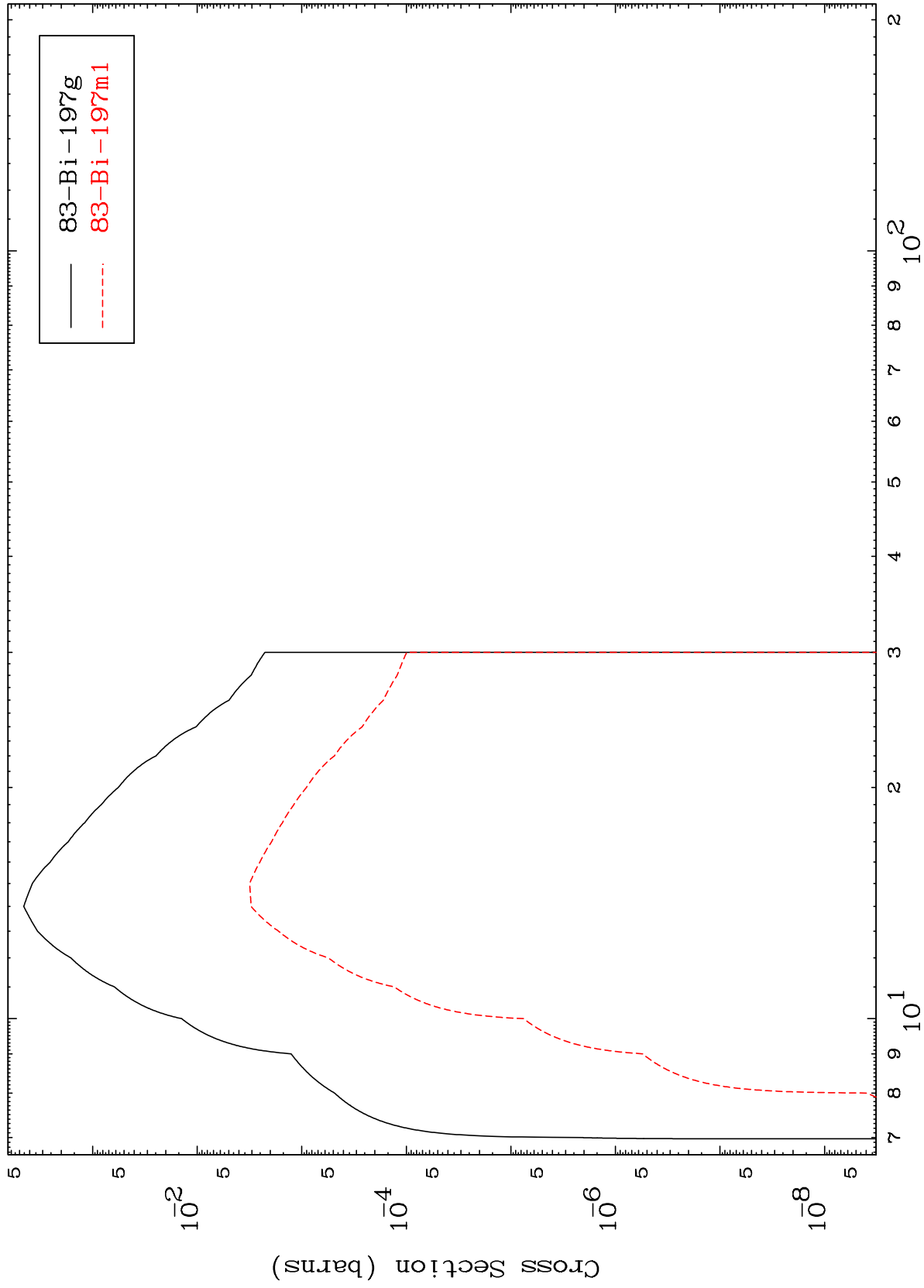
Incident Energy (MeV)

83-Bi-198

MAT 8293

Photon Inelastic  
Radionuclide Production Cross Section

83-Bi-198



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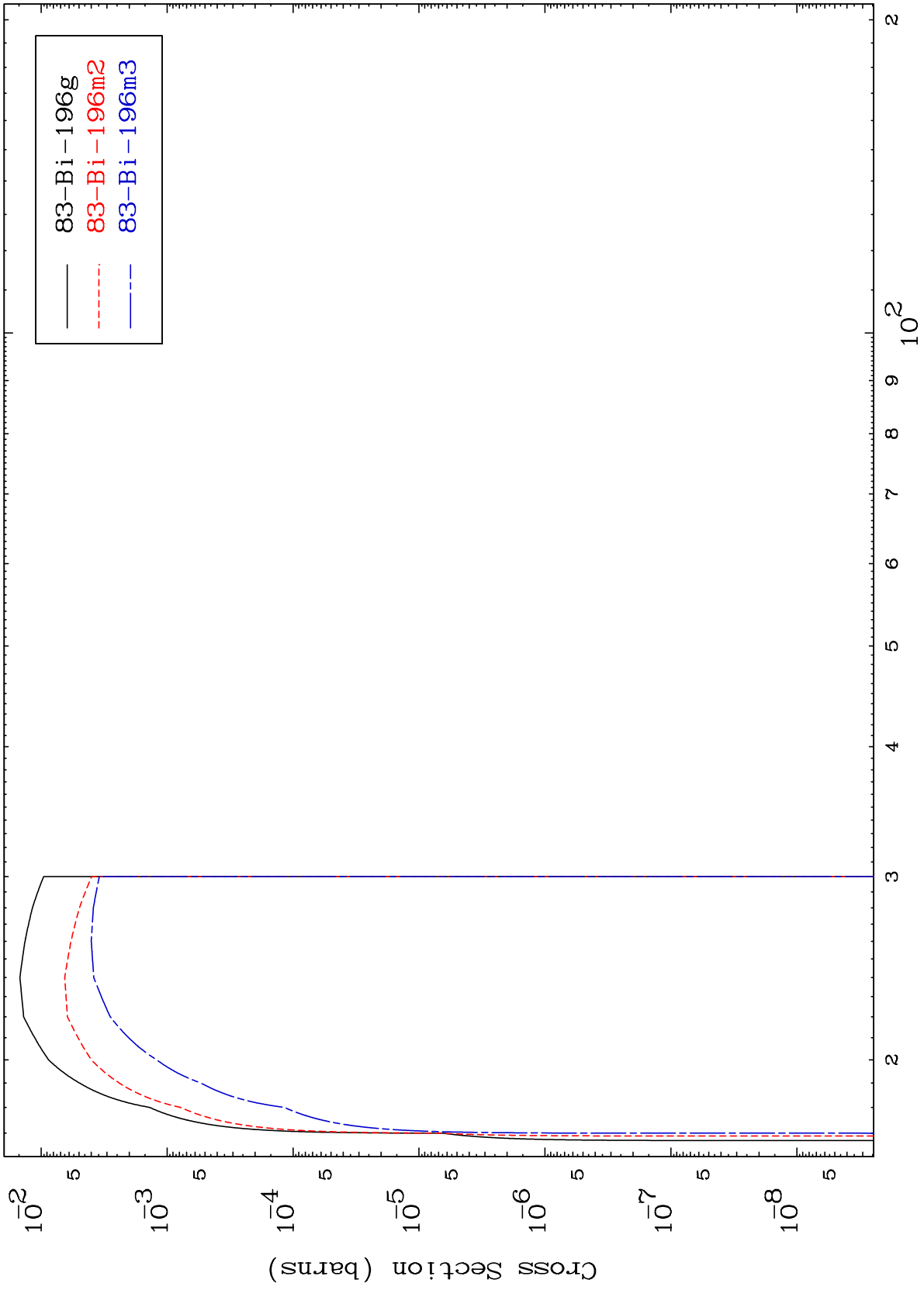
Incident Energy (MeV)

83-Bi-198

MAT 8293

83-Bi-198

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



12

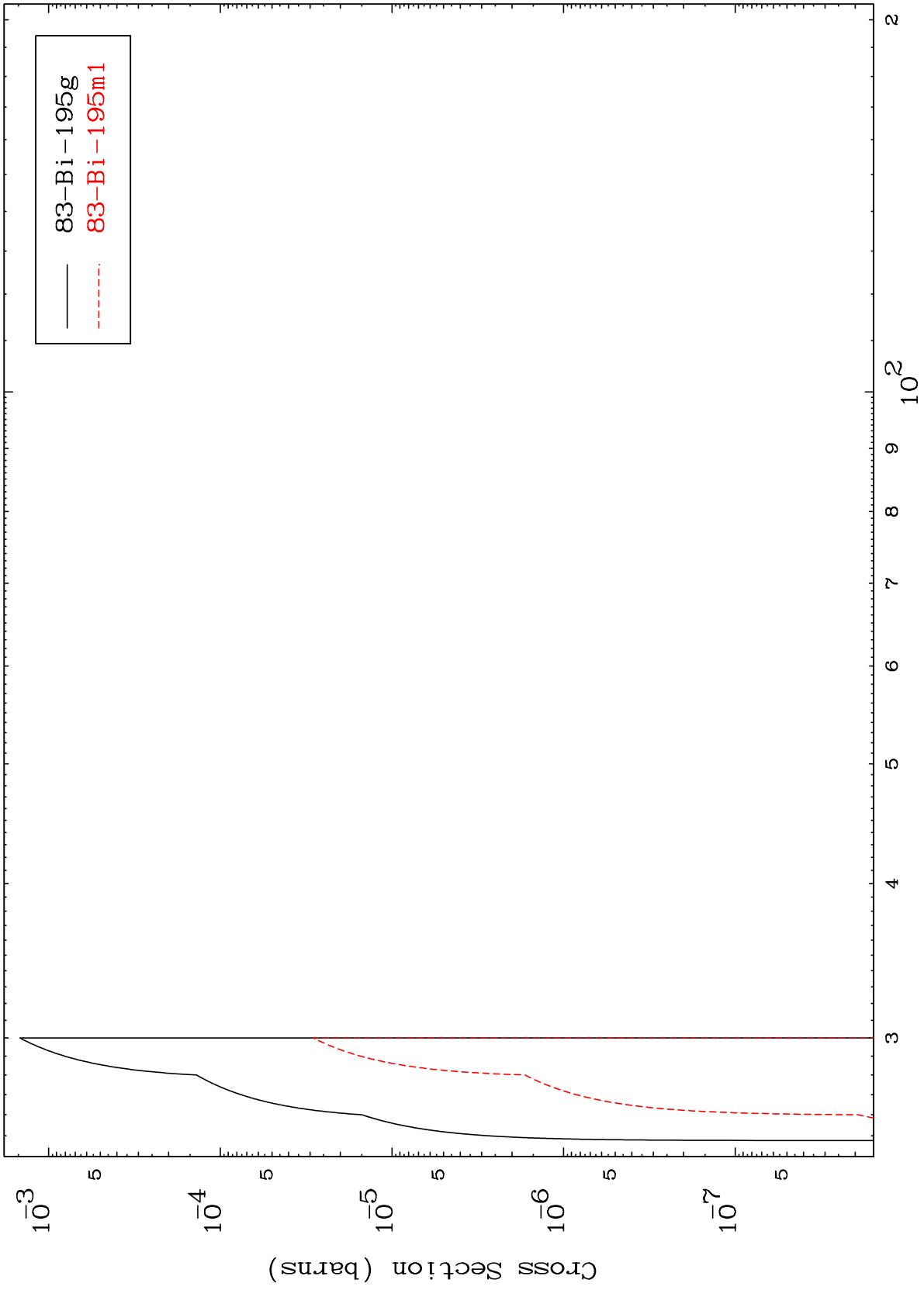
Incident Energy (MeV)

83-Bi-198

MAT 8293

$^{83}\text{Bi}-198$

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



$^{83}\text{Bi}-198$

Incident Energy (MeV)

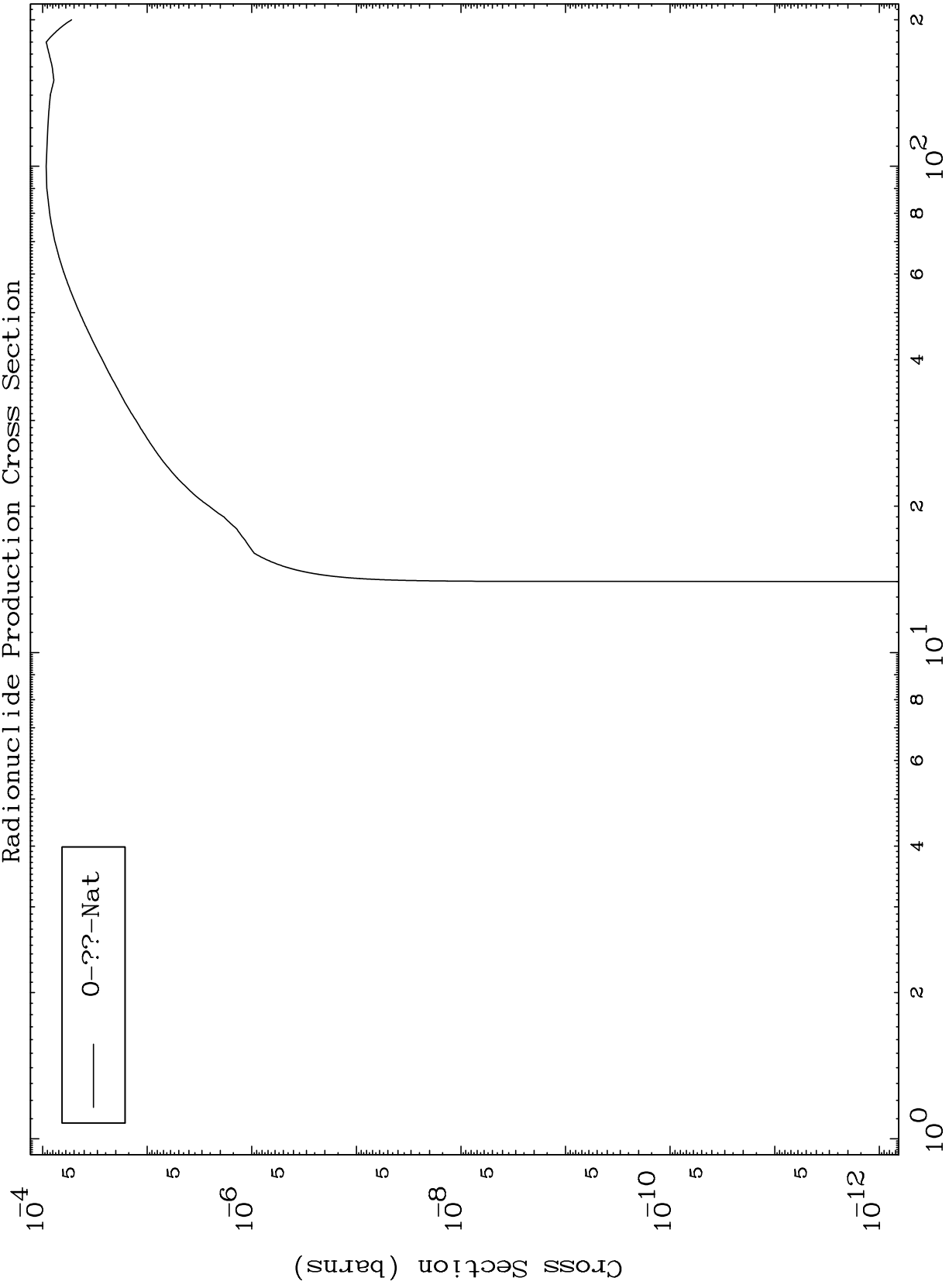
13

MAT 8293

Photon Fission

83-Bi-198

Radionuclide Production Cross Section



14

Incident Energy (MeV)

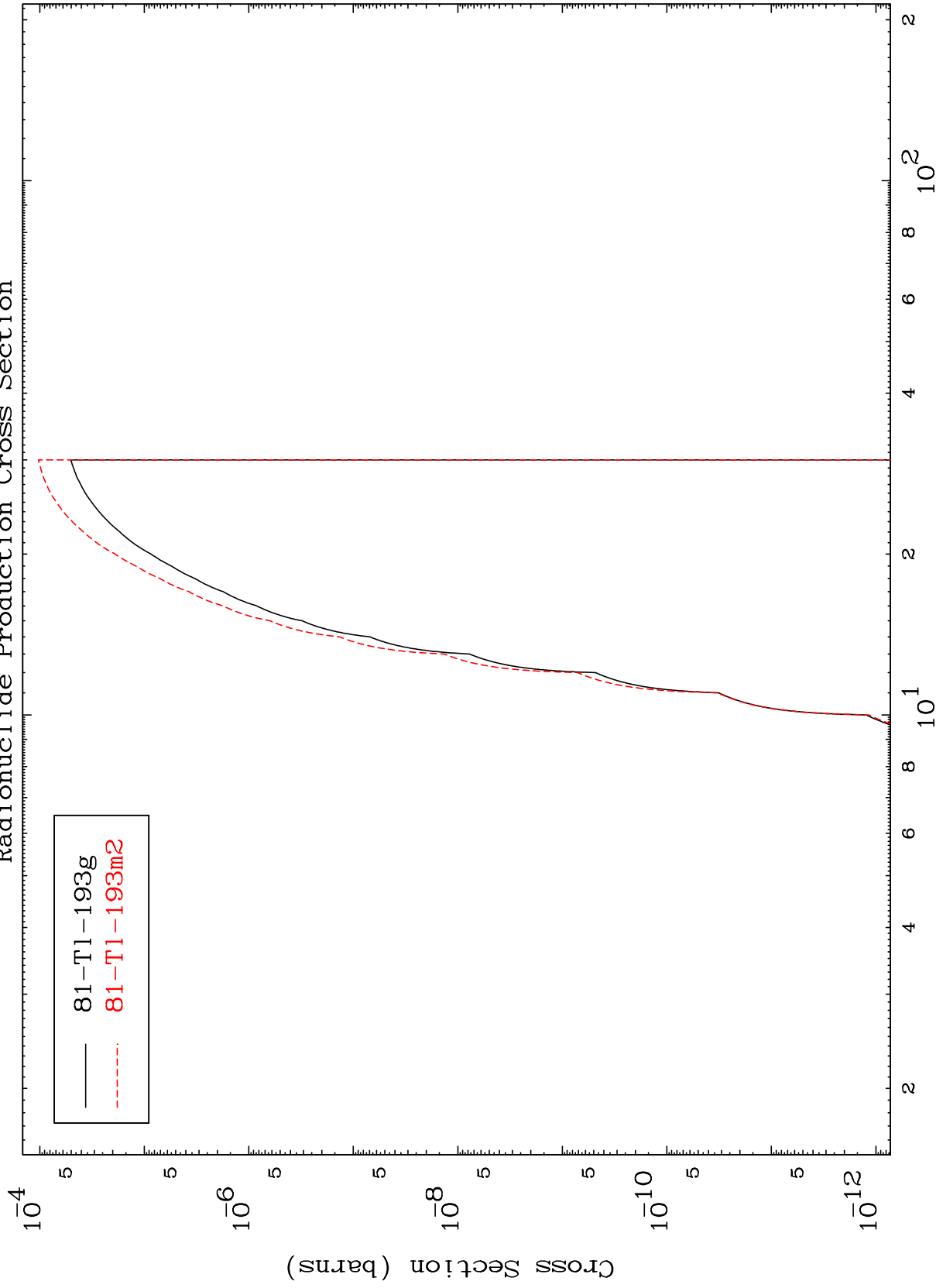
83-Bi-198

MAT 8293

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

83-Bi-198

Radionuclide Production Cross Section



15

Incident Energy (MeV)

83-Bi-198

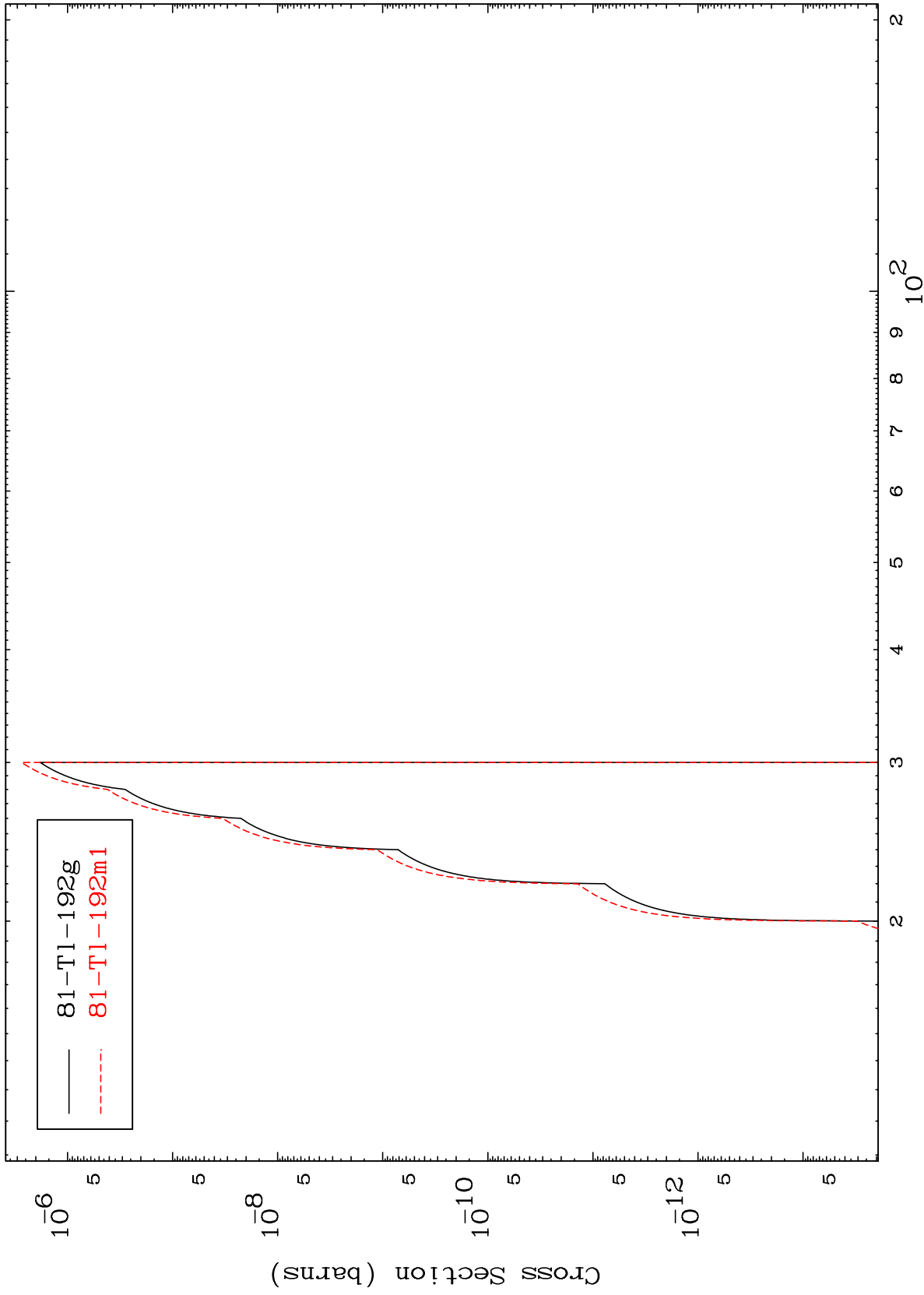


MAT 8293

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

83-Bi-198

Radionuclide Production Cross Section



16

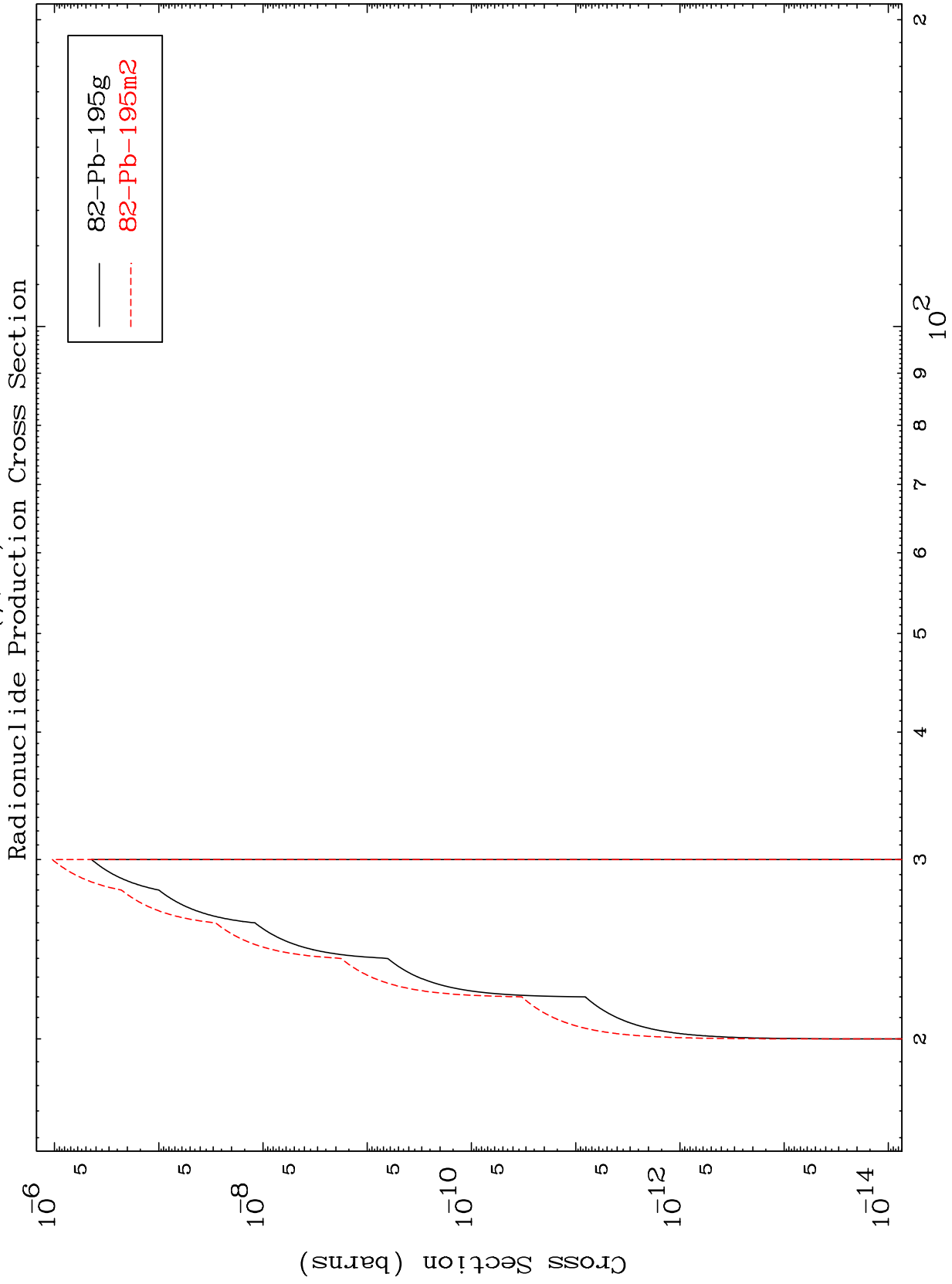
Incident Energy (MeV)

83-Bi-198

MAT 8293

( $\gamma, n'$ ) d

83-Bi-198



17

Incident Energy (MeV)

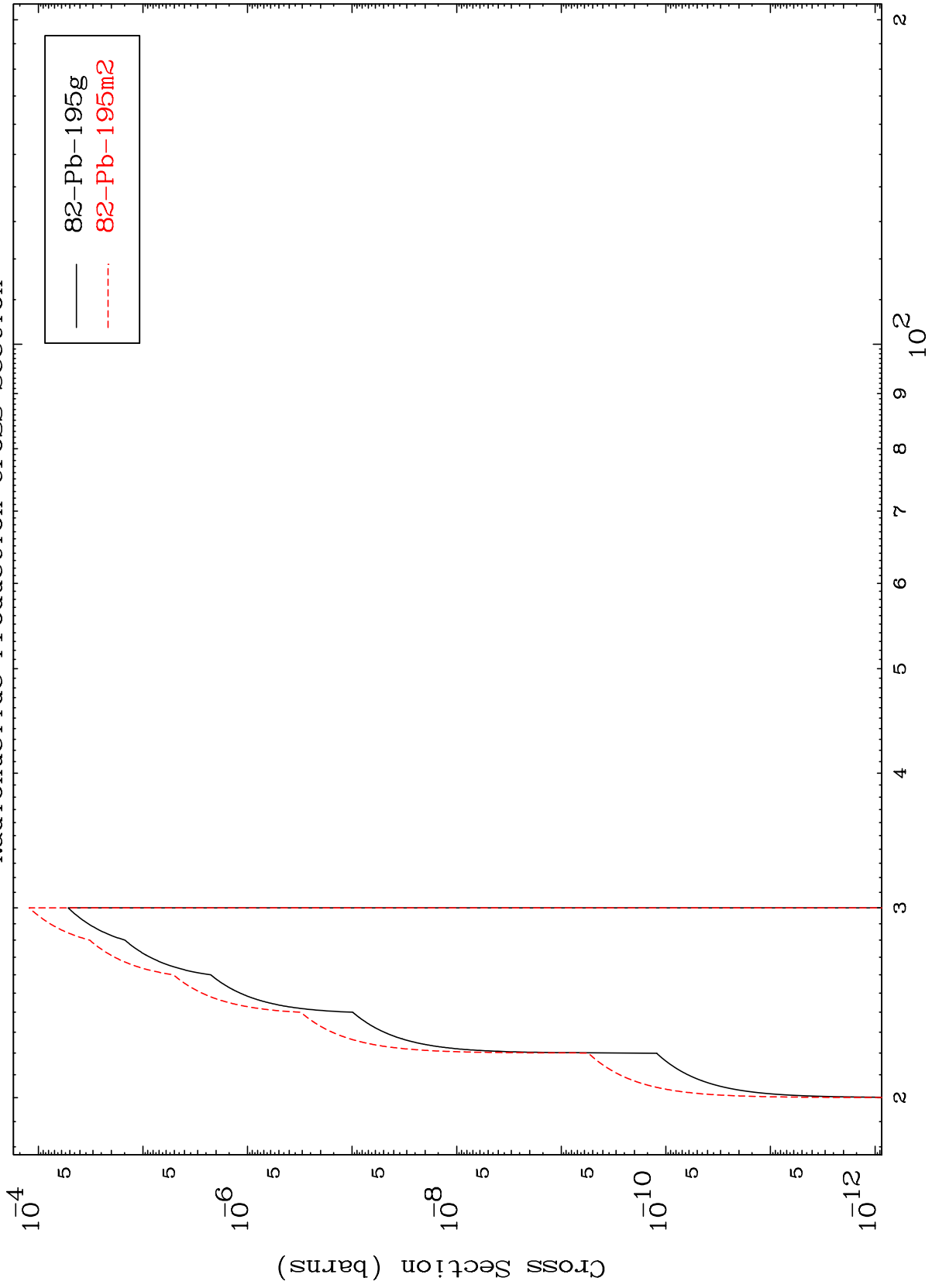
83-Bi-198

MAT 8293

( $\gamma, 2n$ ) p

83-Bi-198

Radionuclide Production Cross Section



18

Incident Energy (MeV)

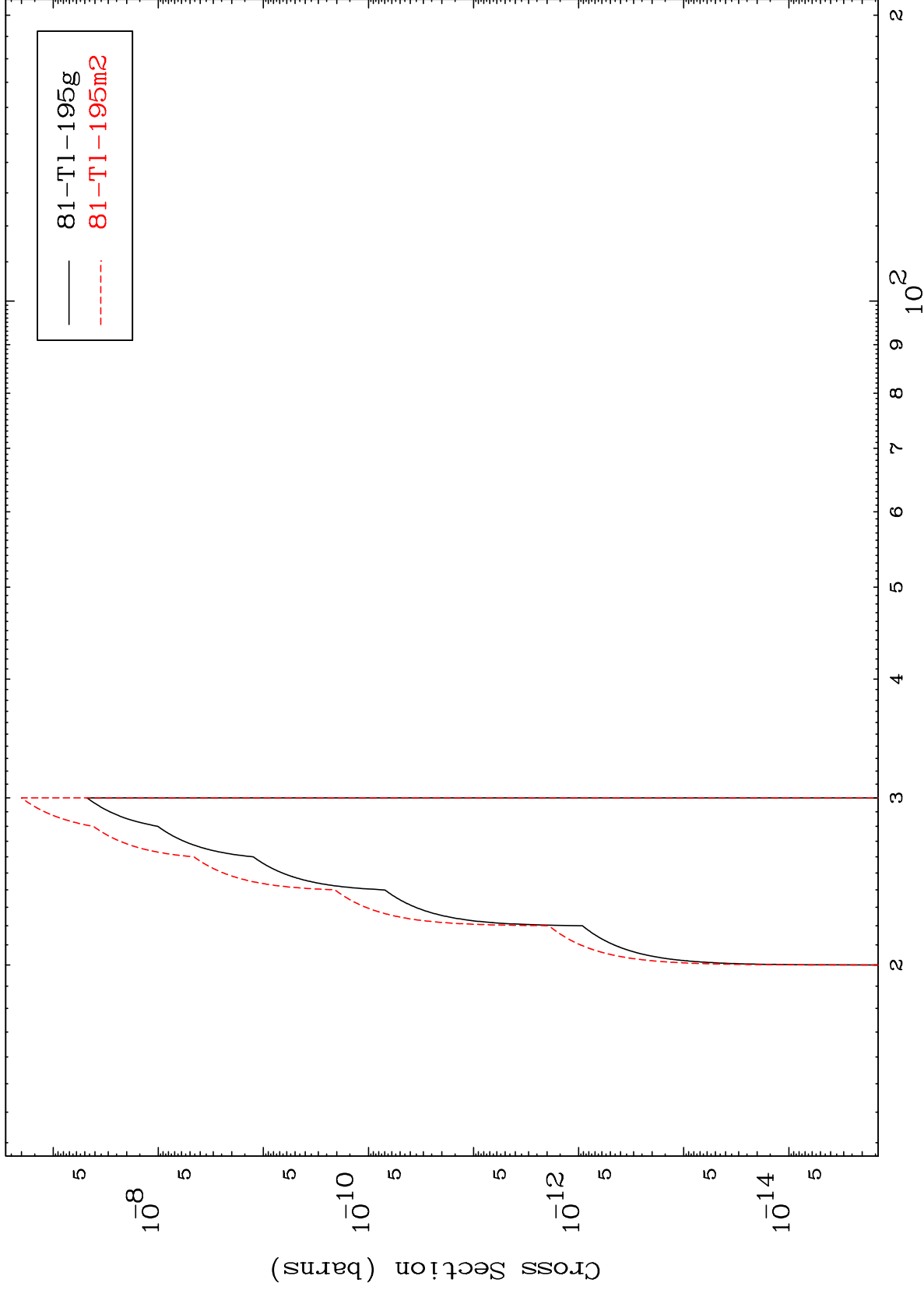
83-Bi-198

MAT 8293

( $\gamma, 2n$ ) p

83-Bi-198

Radionuclide Production Cross Section



19

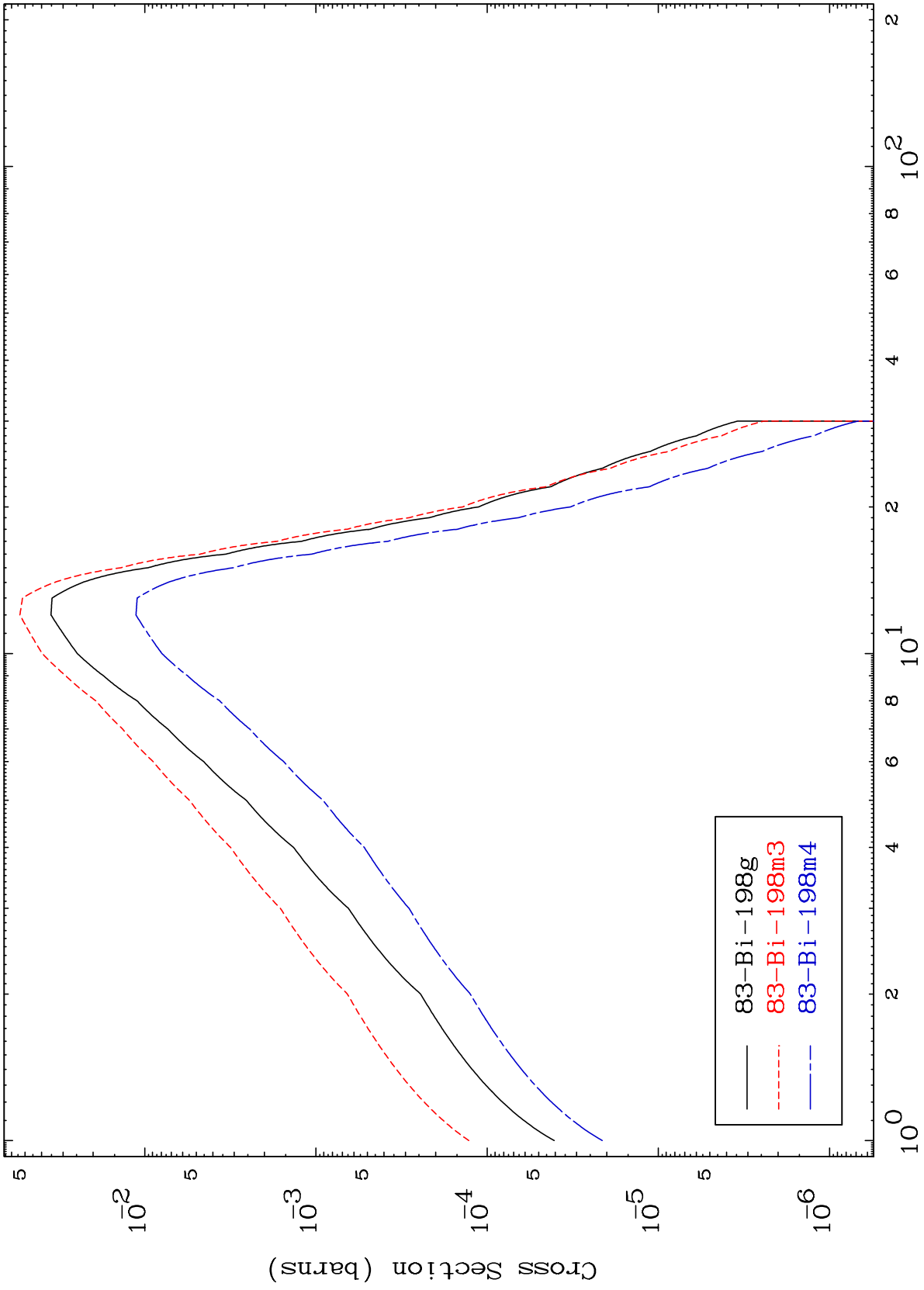
Incident Energy (MeV)

83-Bi-198

MAT 8293

83-Bi-198

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



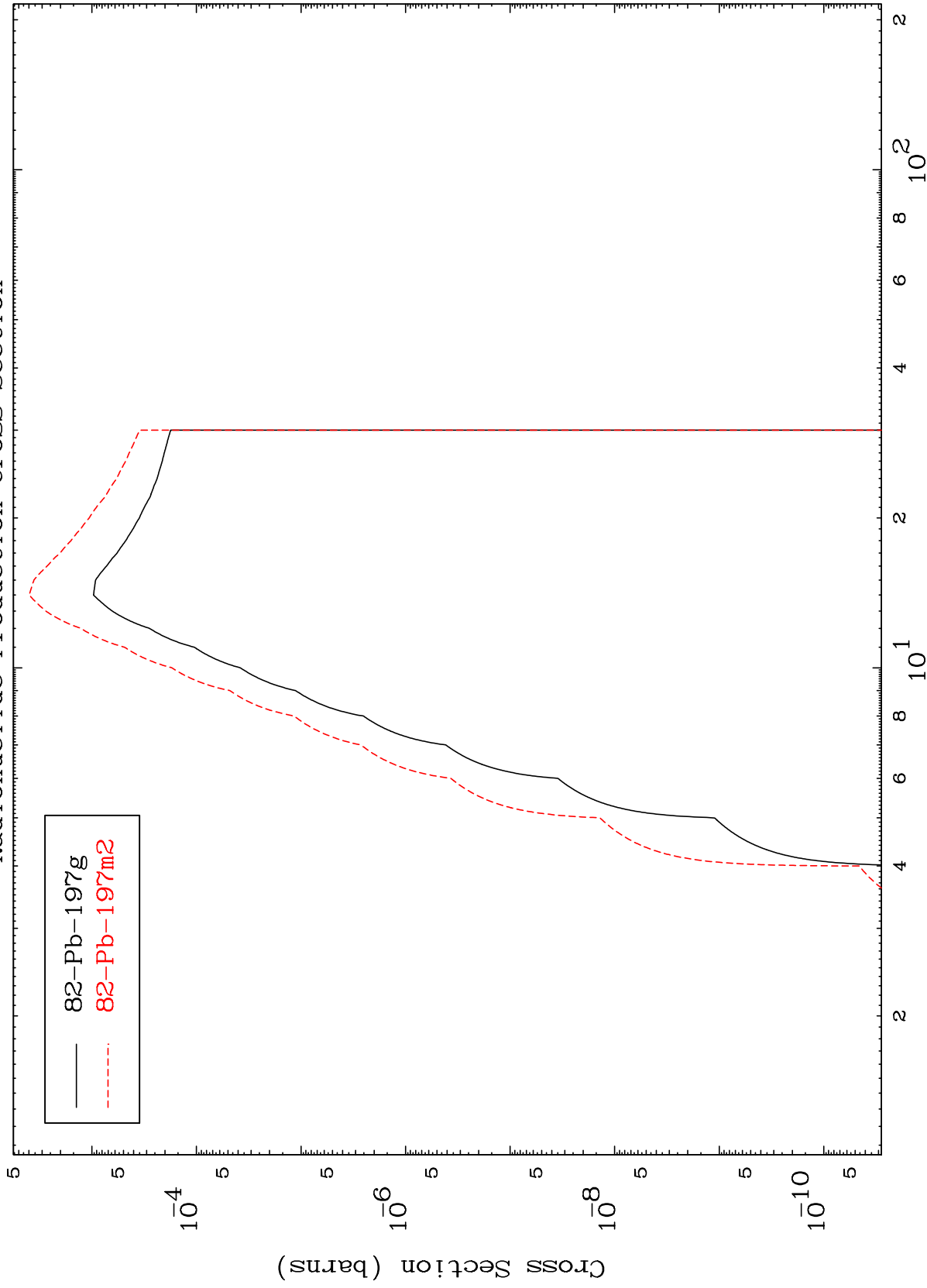
Incident Energy (MeV)

83-Bi-198

MAT 8293

83-Bi-198

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



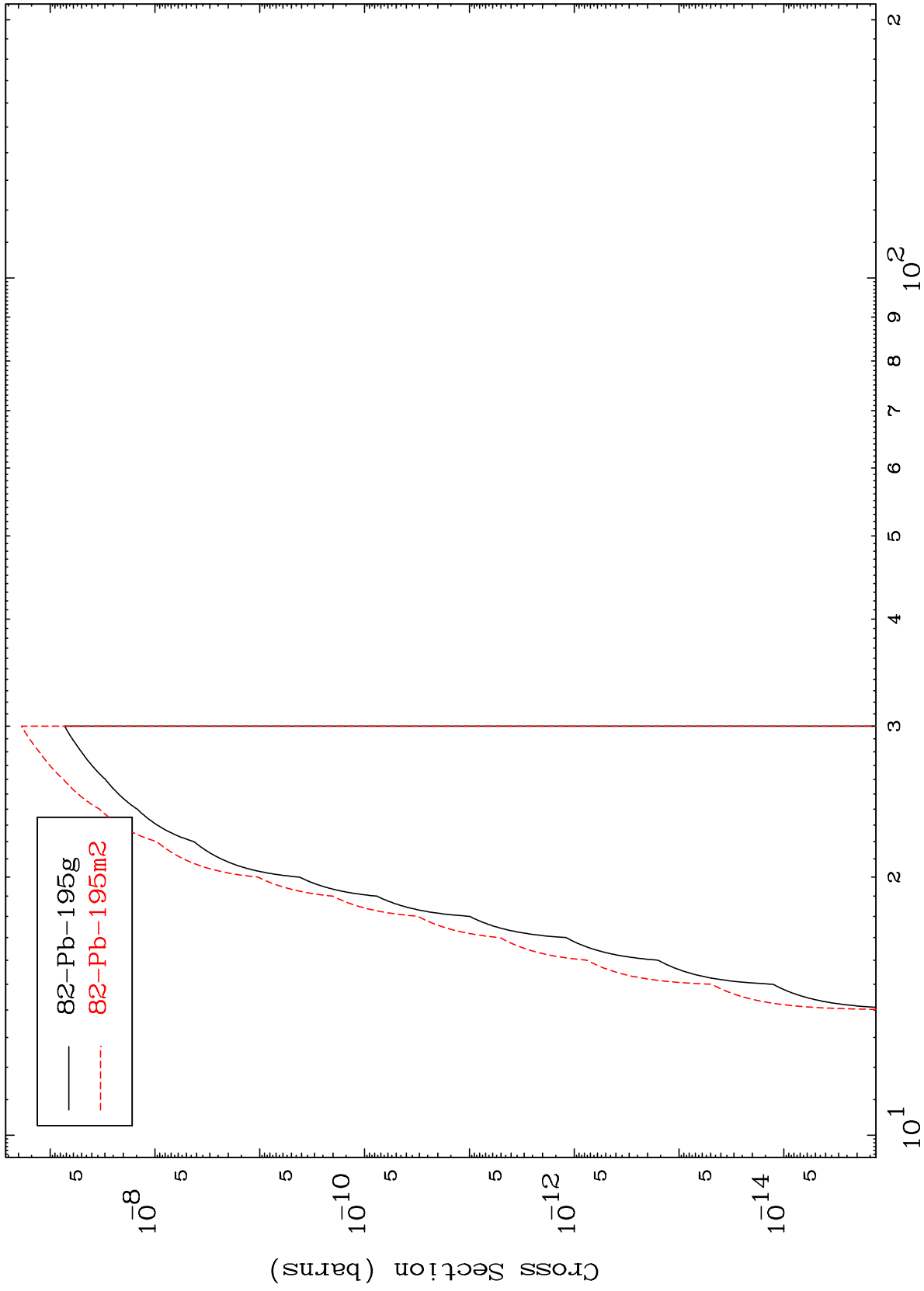
21

83-Bi-198

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83-Bi-198

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



22

Incident Energy (MeV)

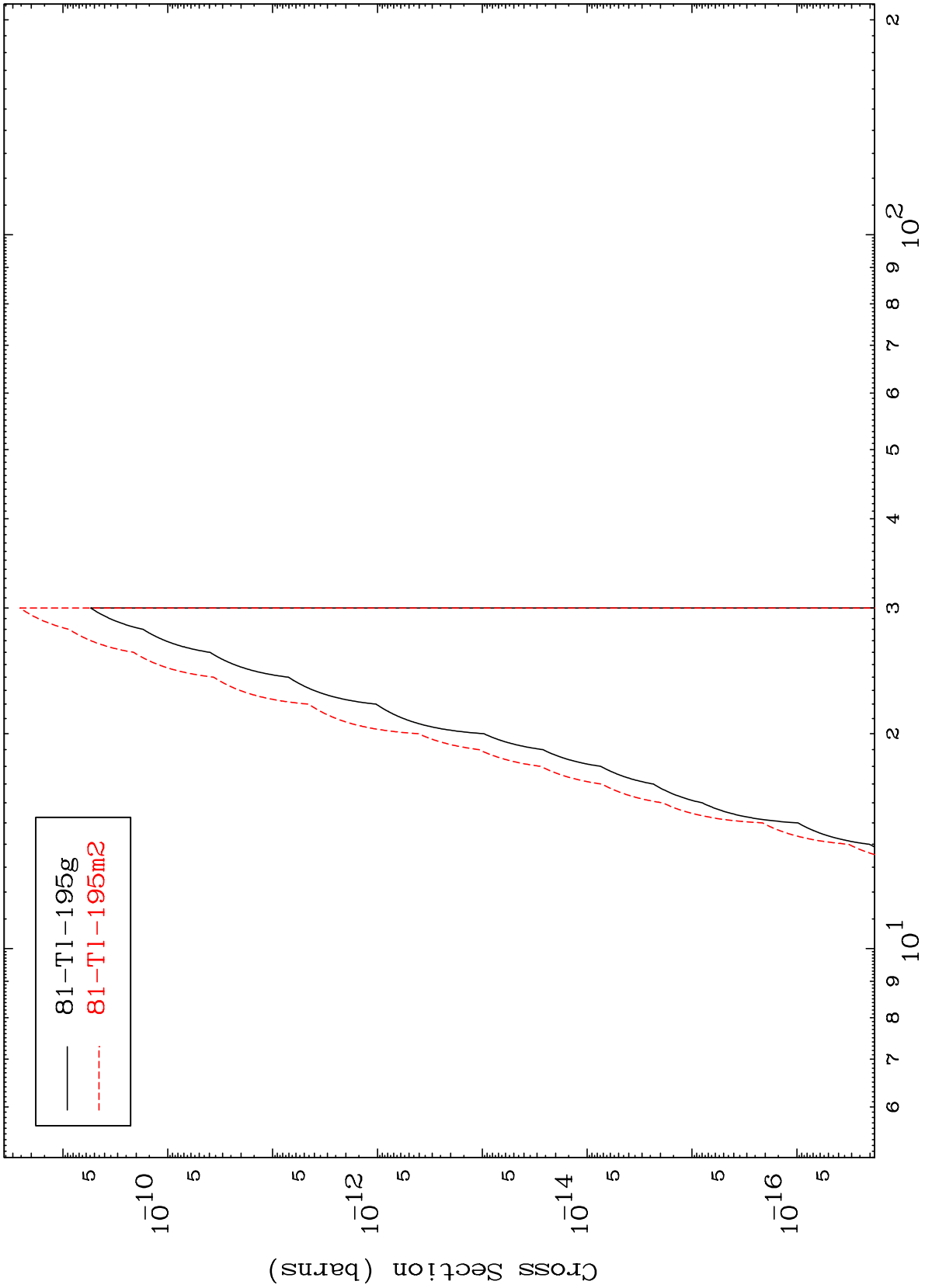
83-Bi-198

MAT 8293

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

83-Bi-198

Radionuclide Production Cross Section



23

Incident Energy (MeV)

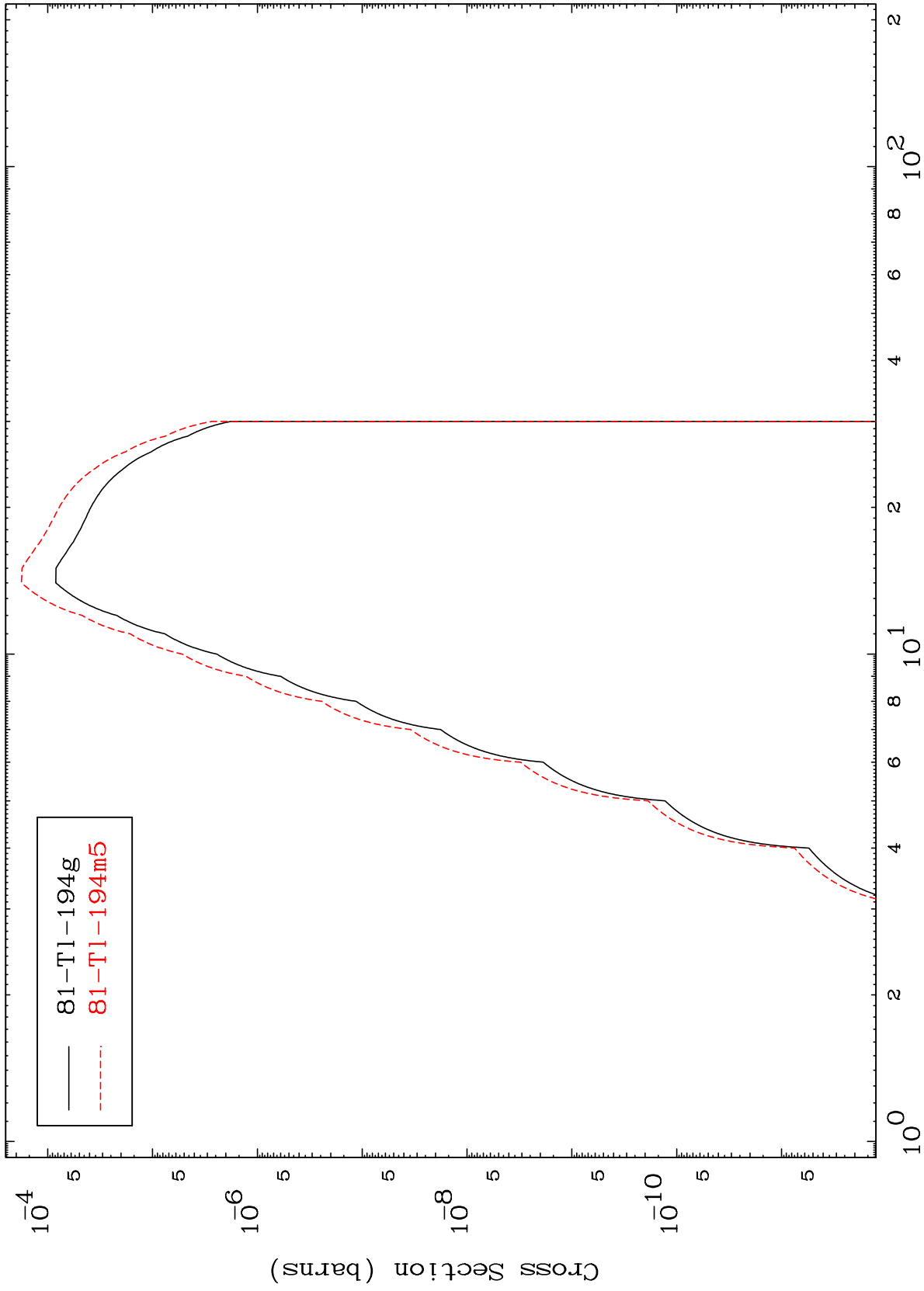
83-Bi-198



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83-Bi-198

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



24

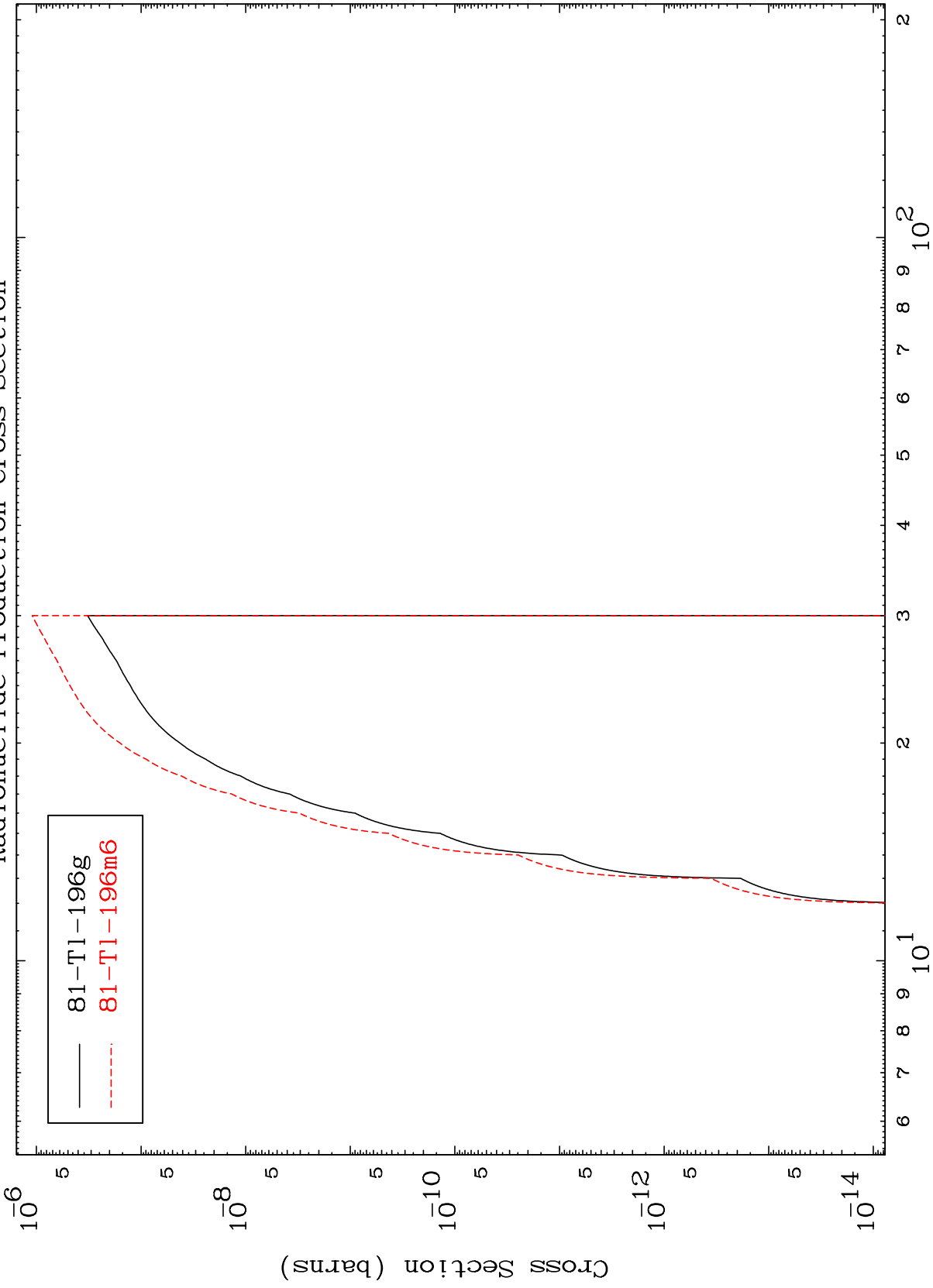
Incident Energy (MeV)

83-Bi-198

MAT 8293

83-Bi-198

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



25

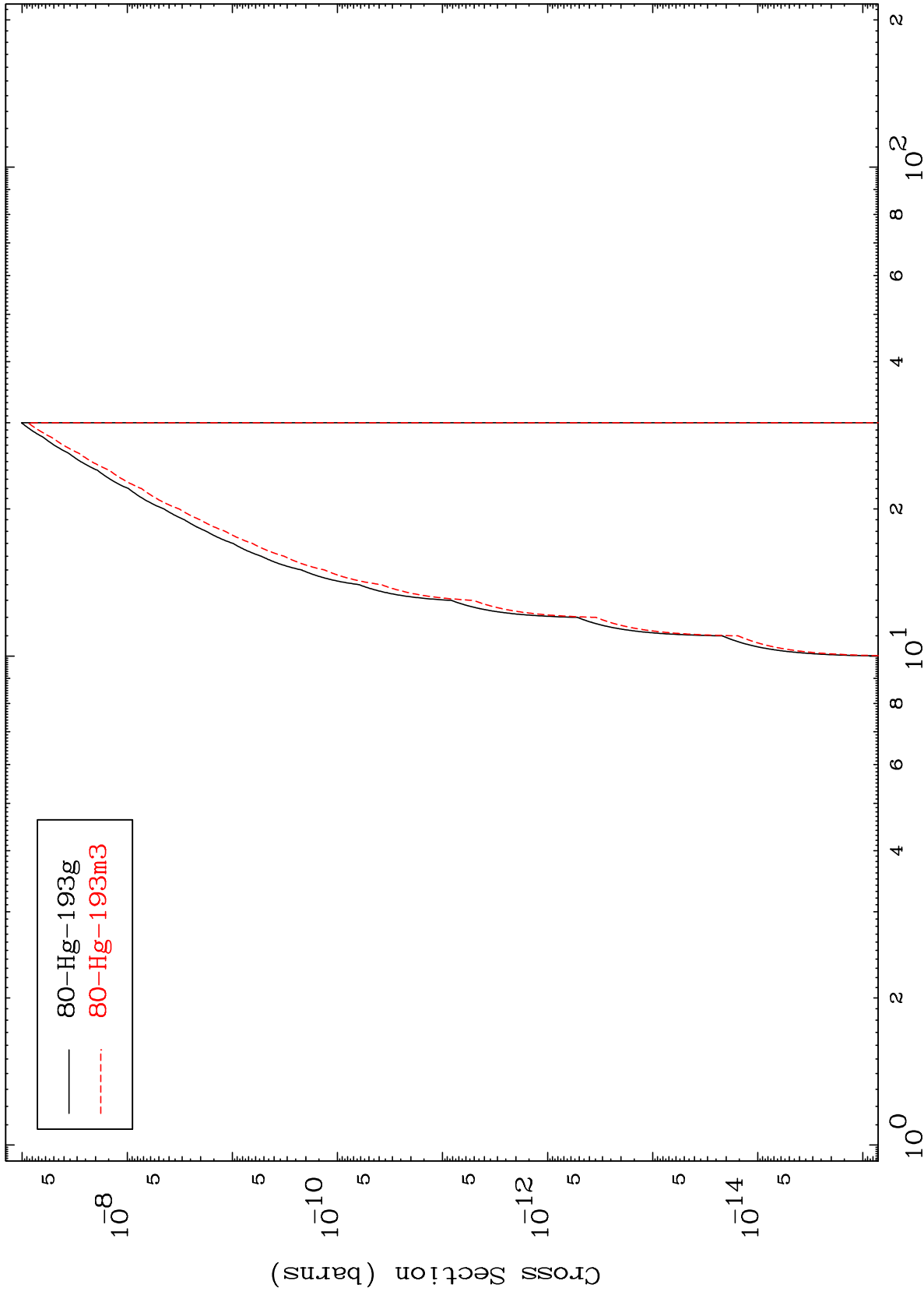
83-Bi-198

MAT 8293

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

83-Bi-198

Radionuclide Production Cross Section



26

Incident Energy (MeV)

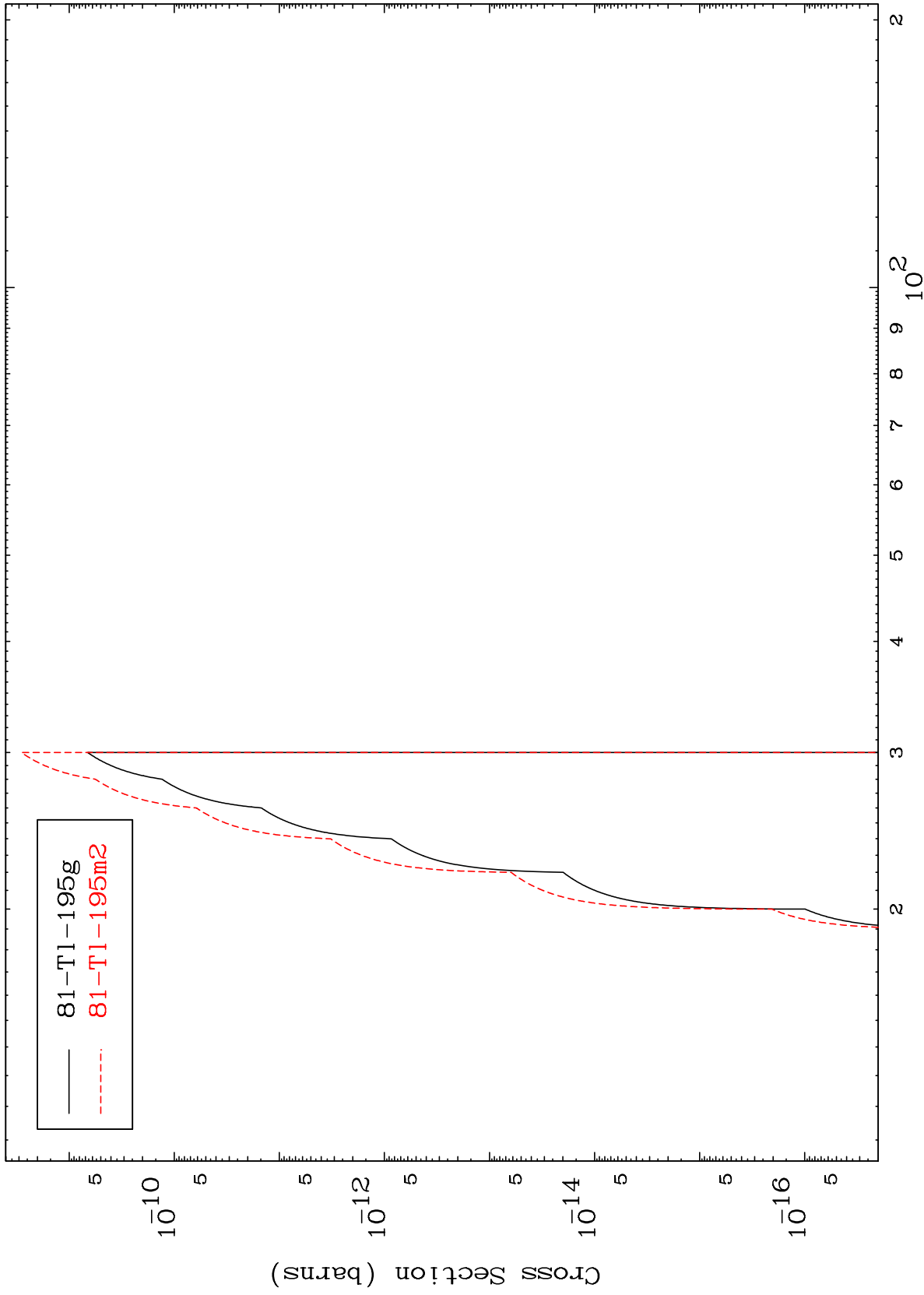
83-Bi-198

MAT 8293

( $\gamma, p$ ) d

83-Bi-198

Radionuclide Production Cross Section



27

Incident Energy (MeV)

83-Bi-198