

Program EVALPLOT  
(Version 2018-1)

by

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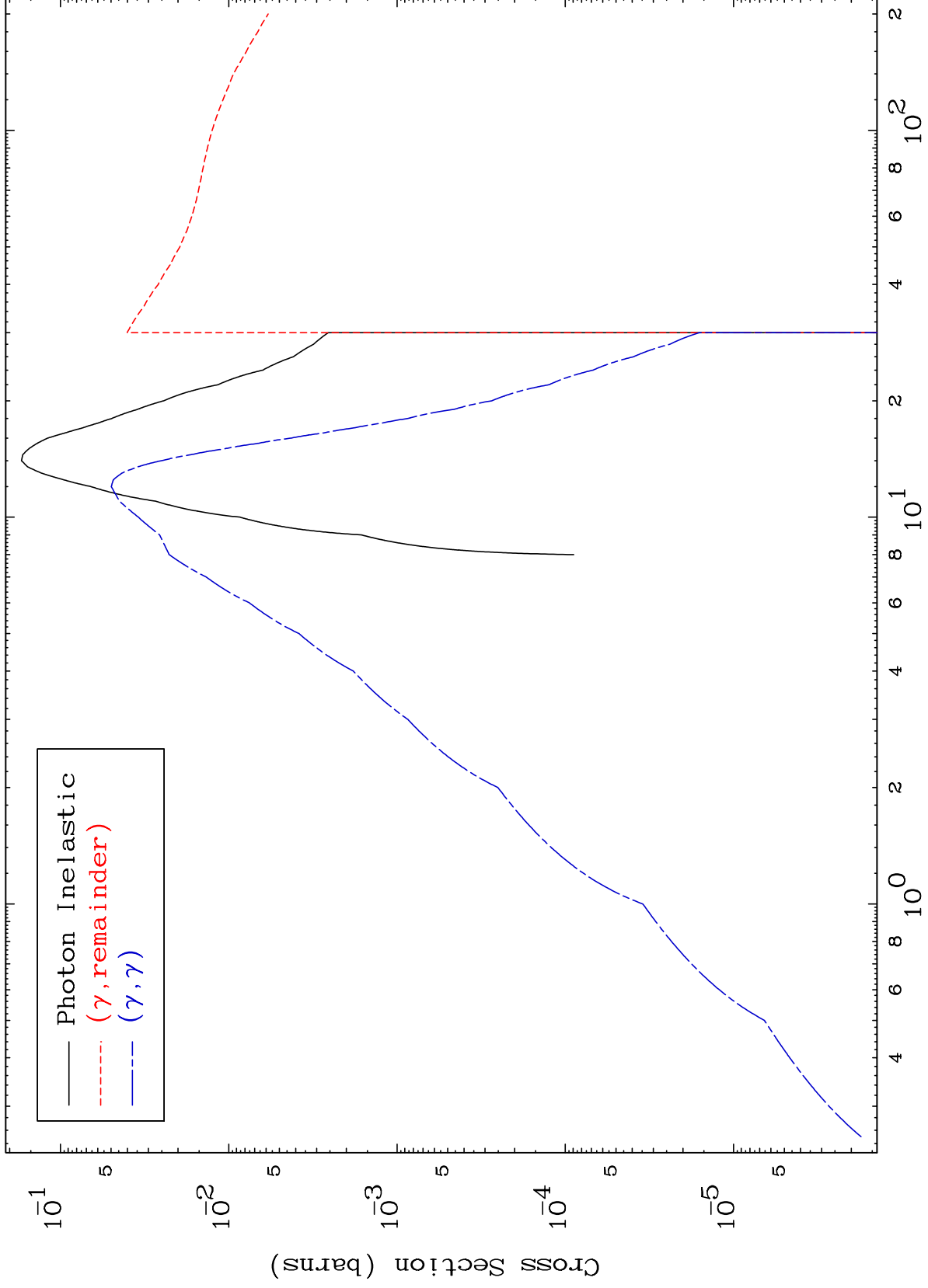
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8282

Photon Major  
0 Kelvin Cross Sections

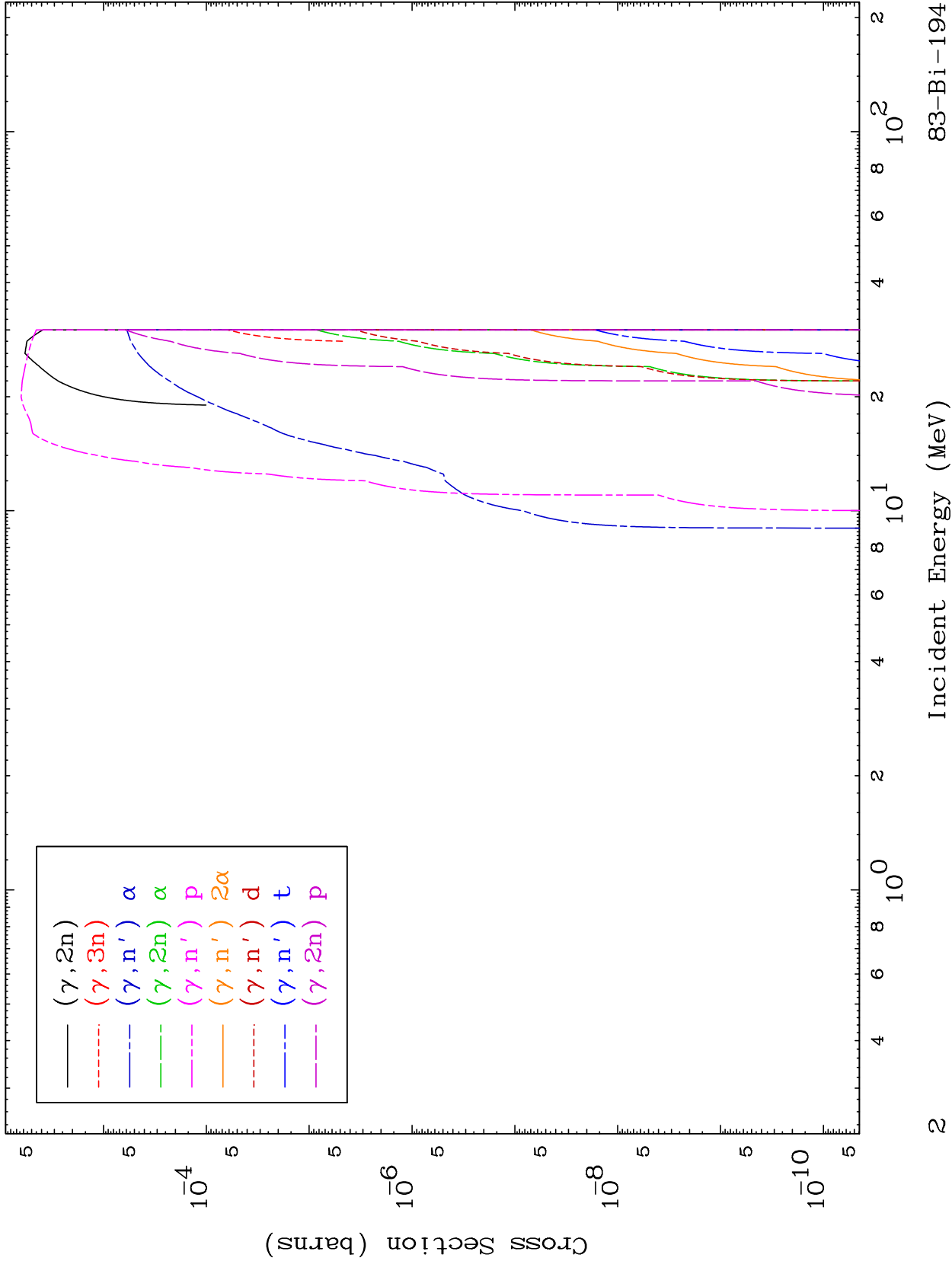
83-Bi-194

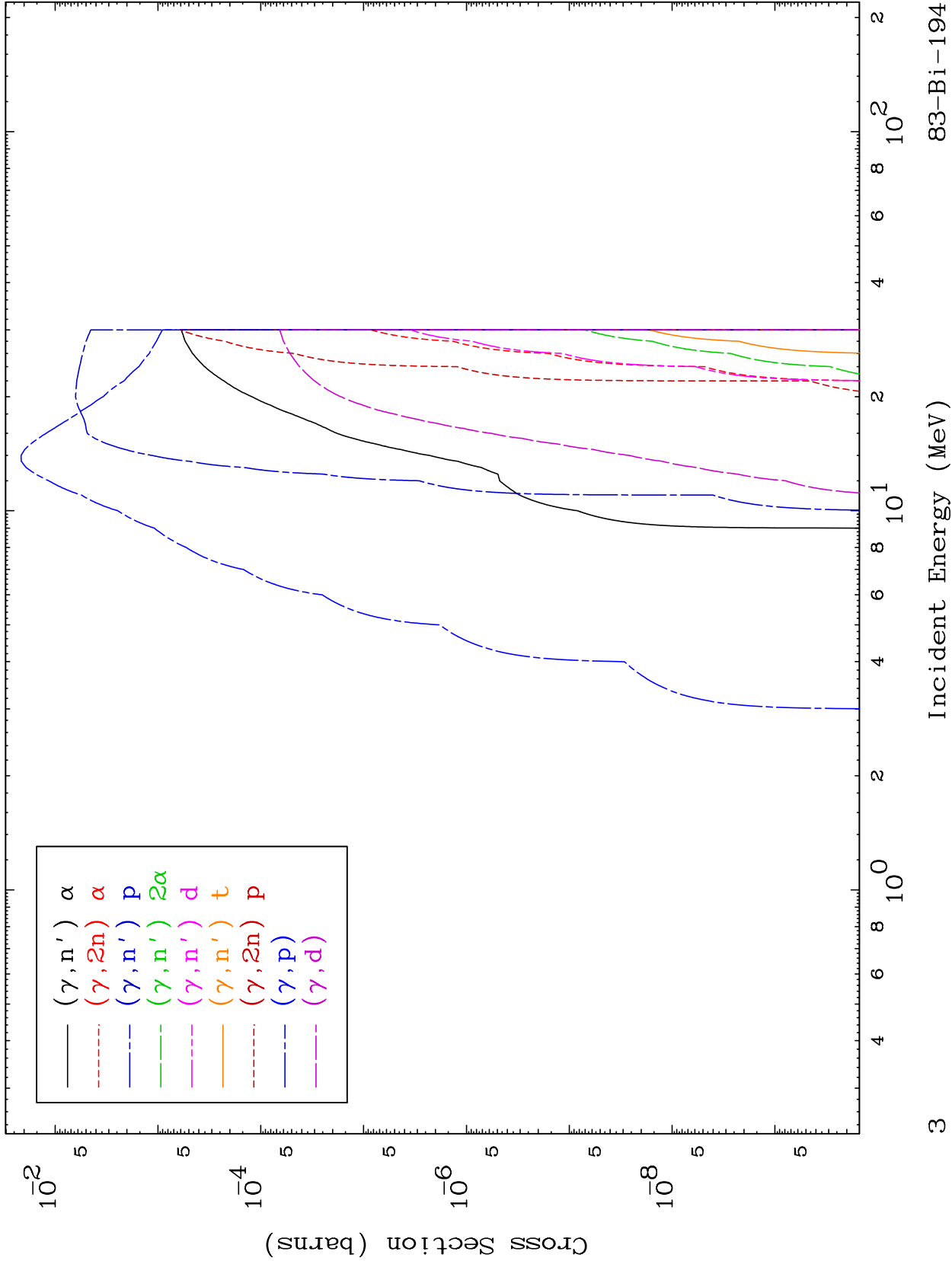


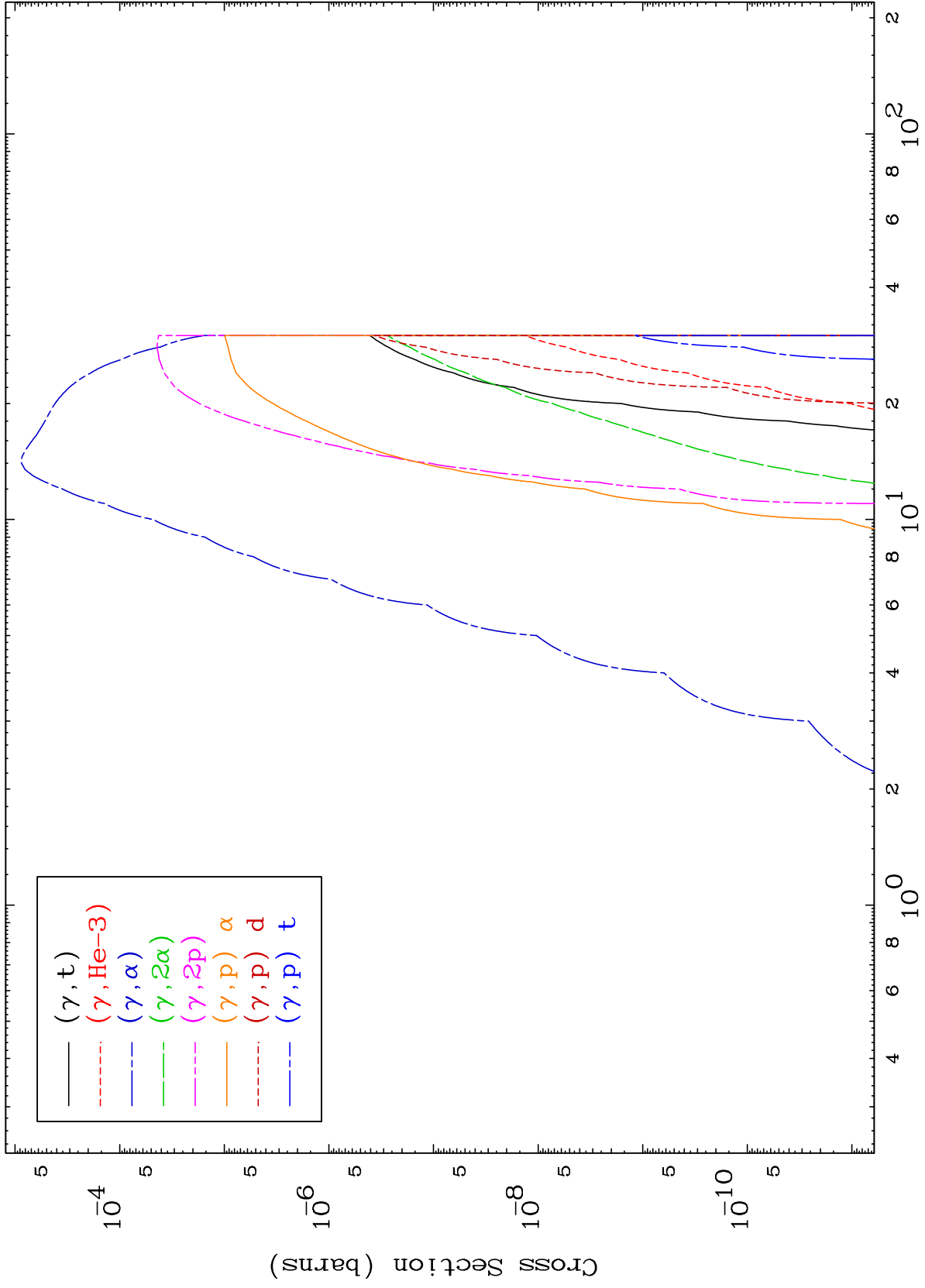
83-Bi-194

Incident Energy (MeV)

1





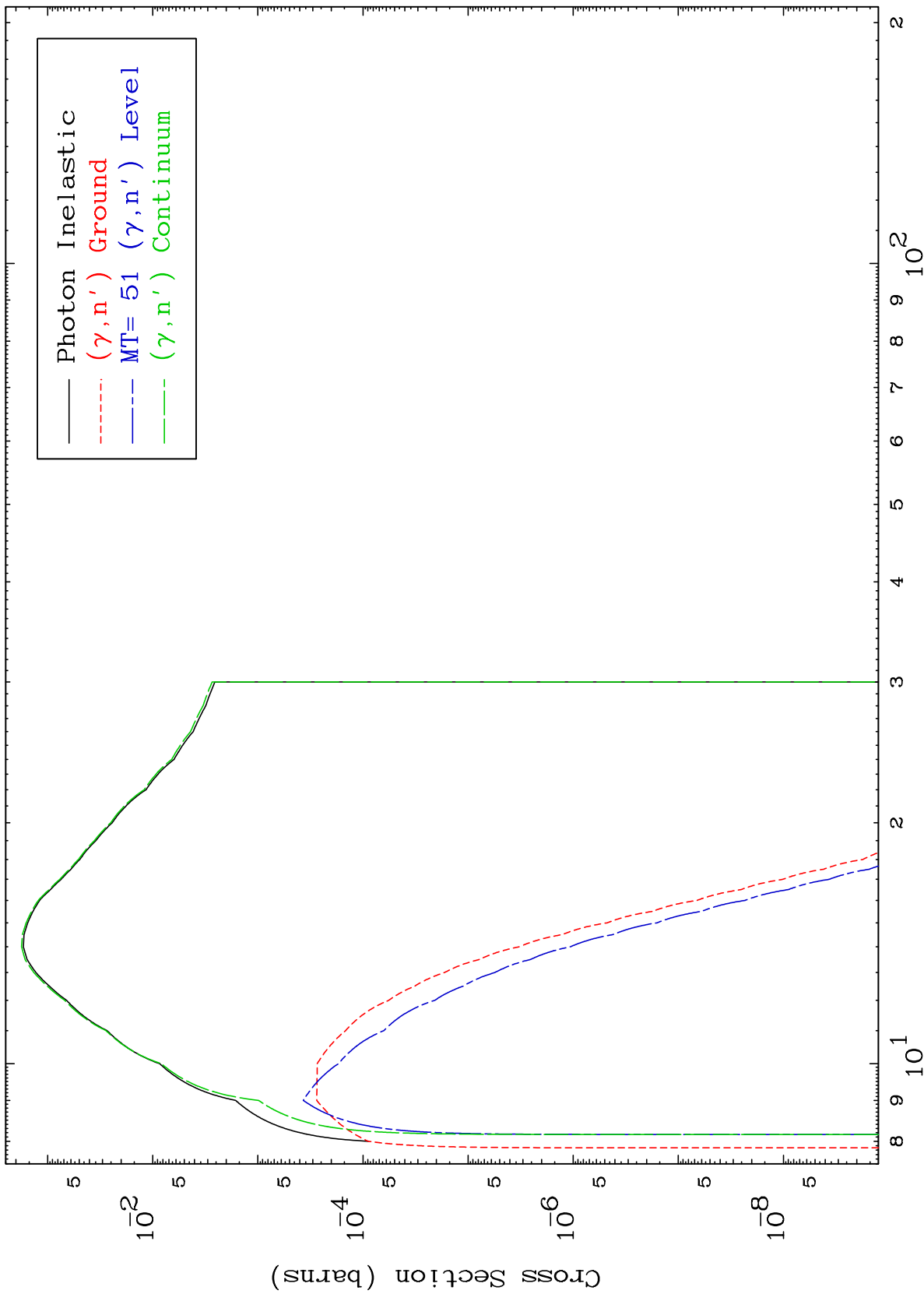


MAT 8282

$(\gamma, n')$  Level

83-Bi-194

0 Kelvin Cross Sections



Incident Energy (MeV)

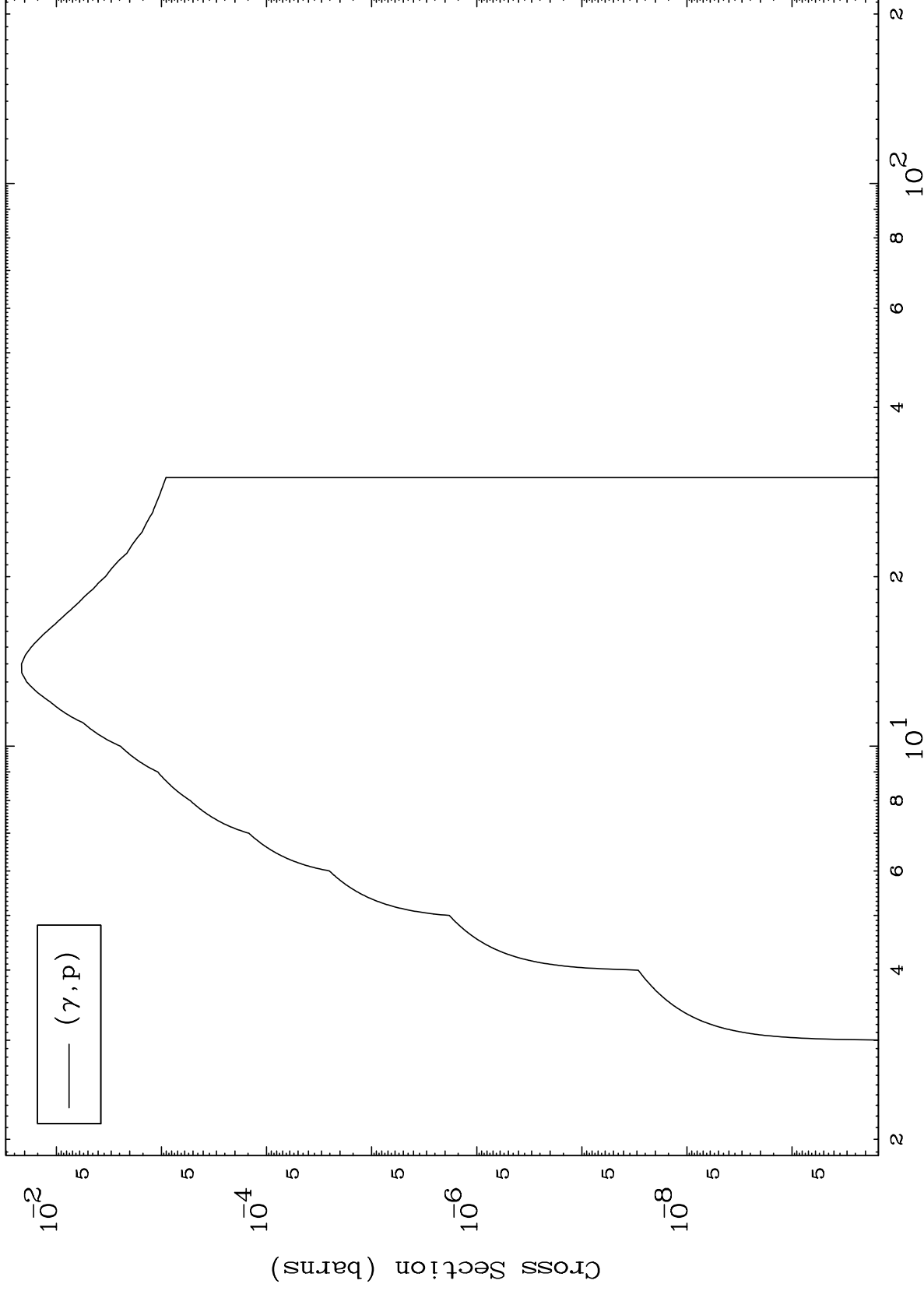
83-Bi-194

5

MAT 8282

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

83-Bi-194



Incident Energy (MeV)

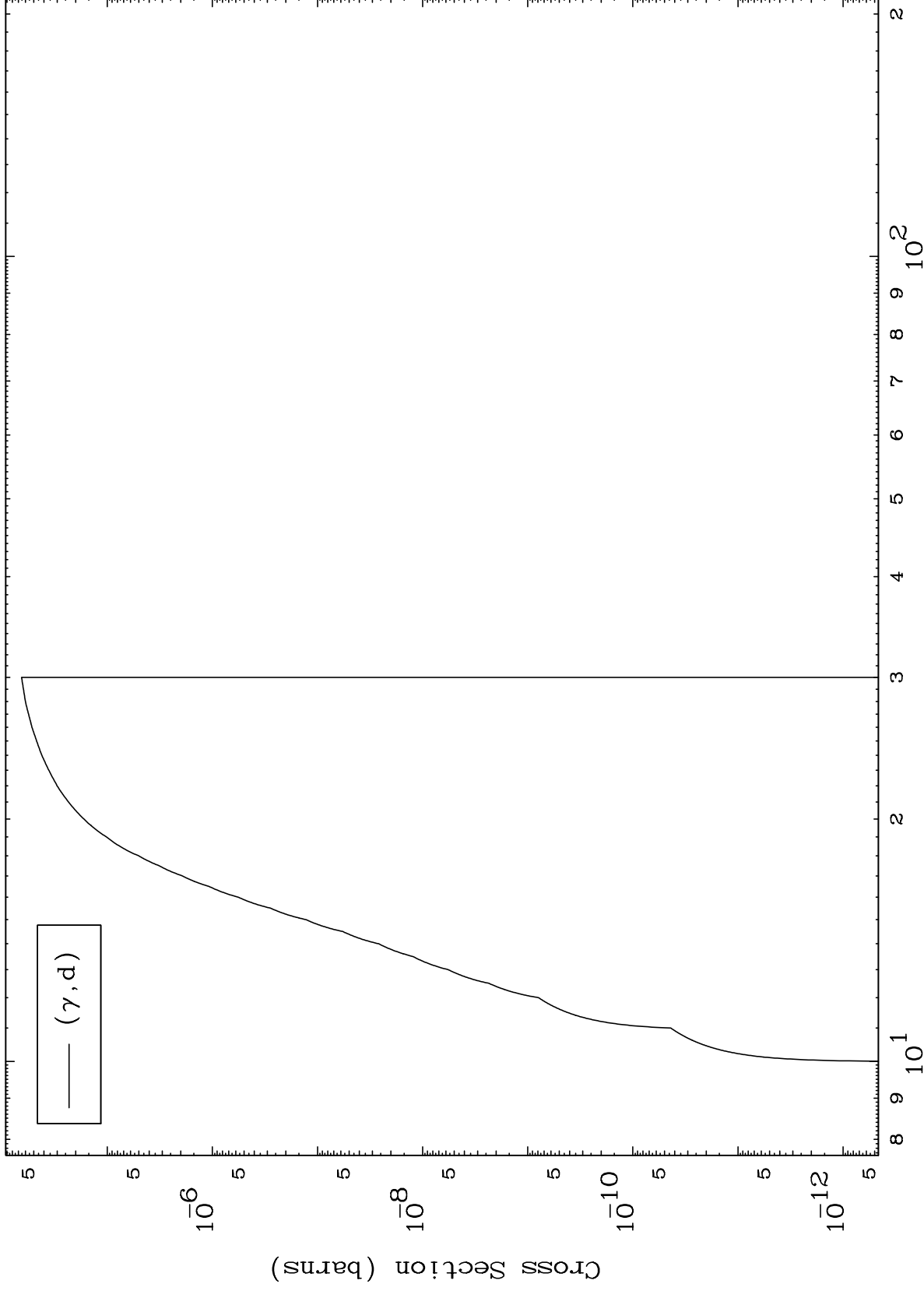
83-Bi-194

6

MAT 8282

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

83-Bi-194



Incident Energy (MeV)

83-Bi-194

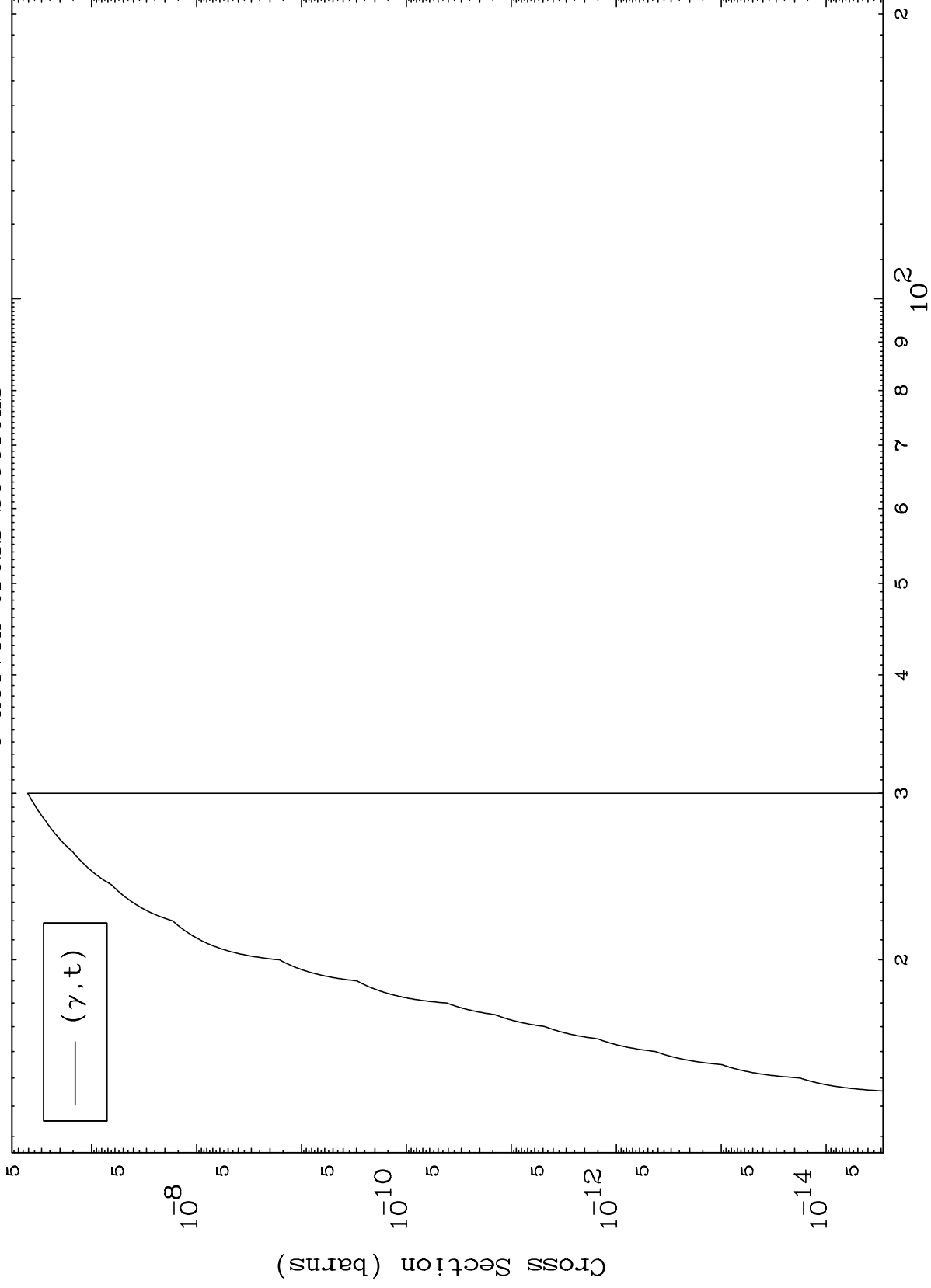
7



MAT 8282

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

83-Bi-194



8

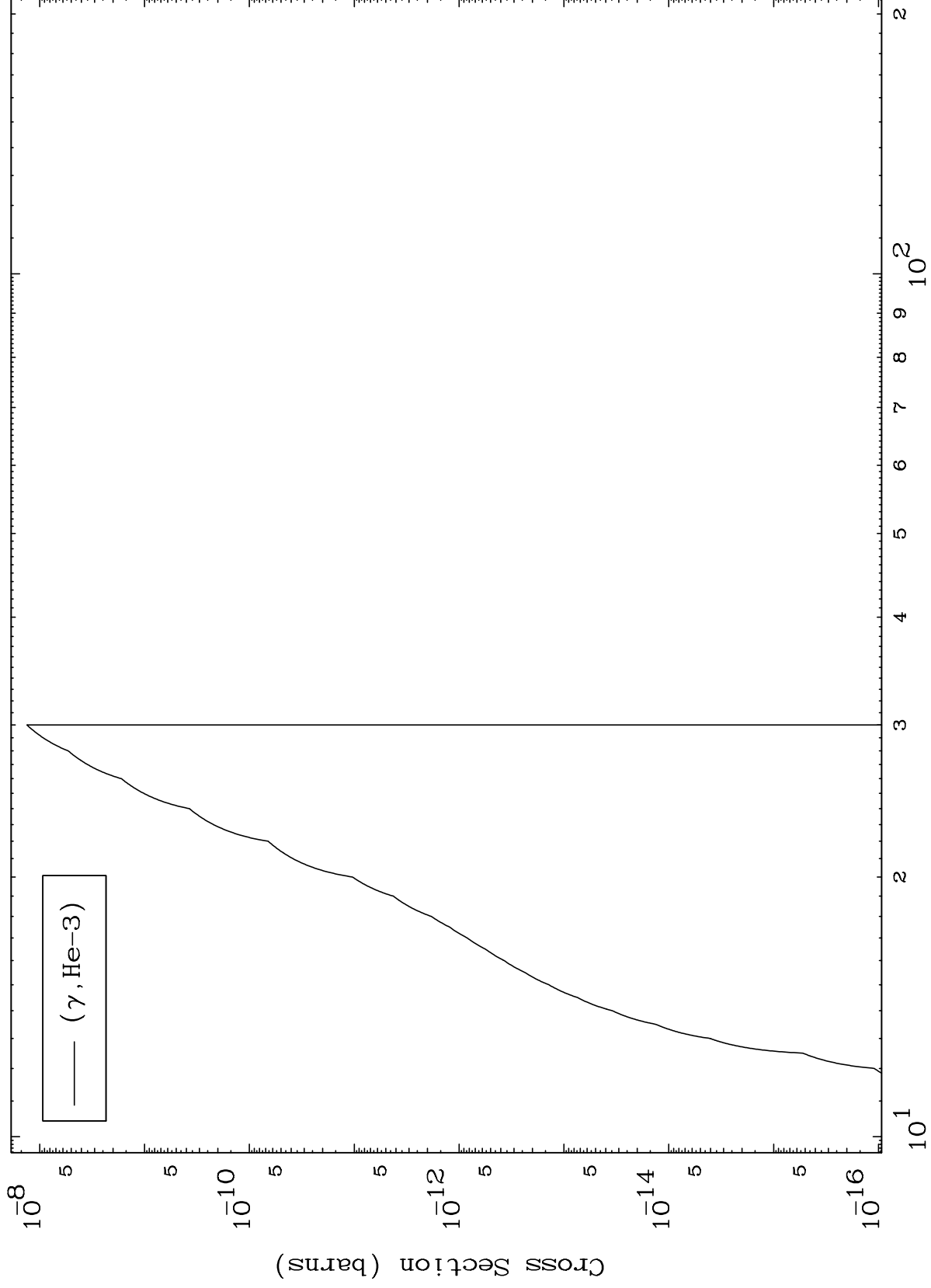
Incident Energy (MeV)

83-Bi-194

MAT 8282

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

83-Bi-194



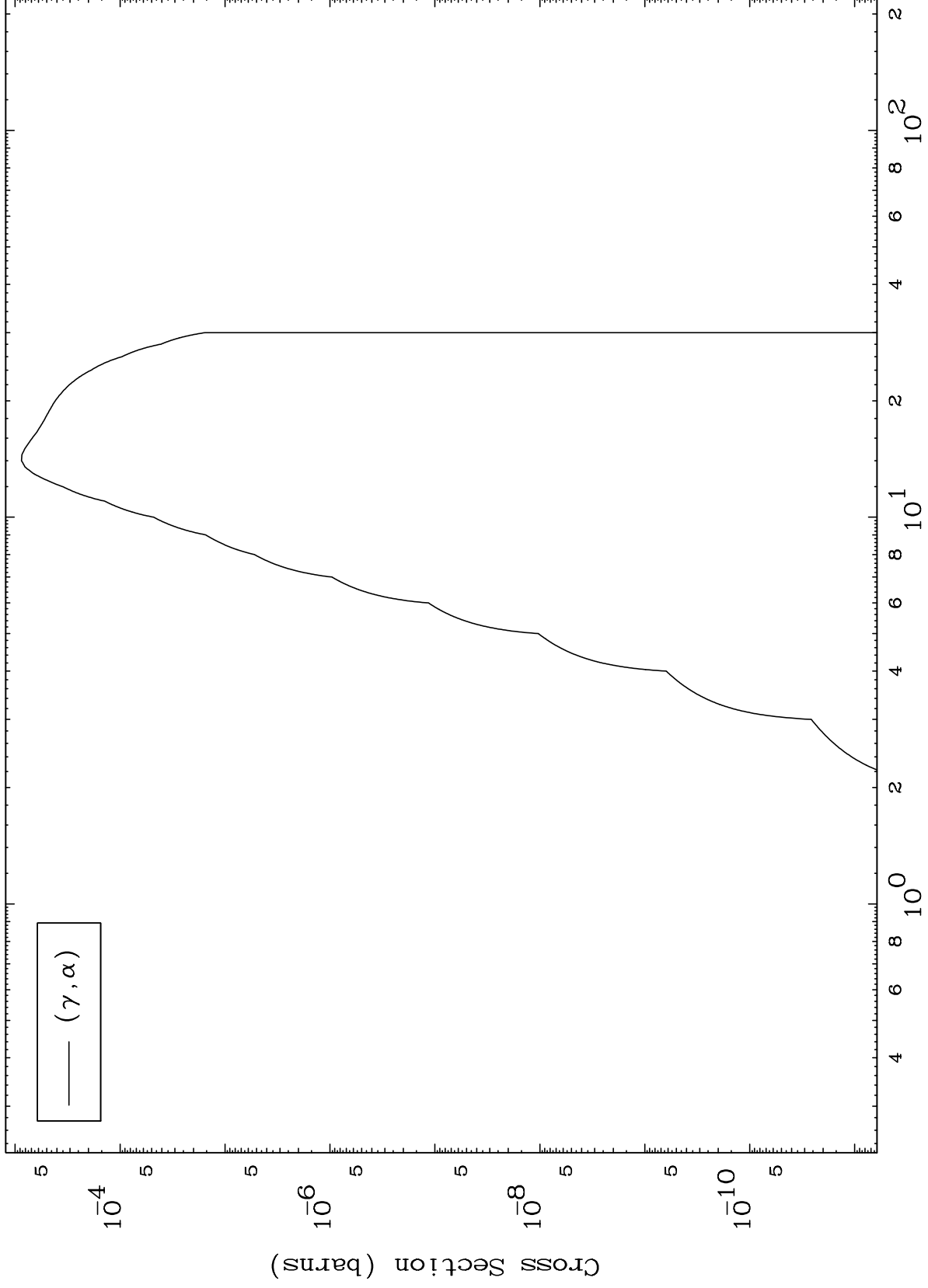
Incident Energy (MeV)

83-Bi-194

MAT 8282

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

83-Bi-194



10

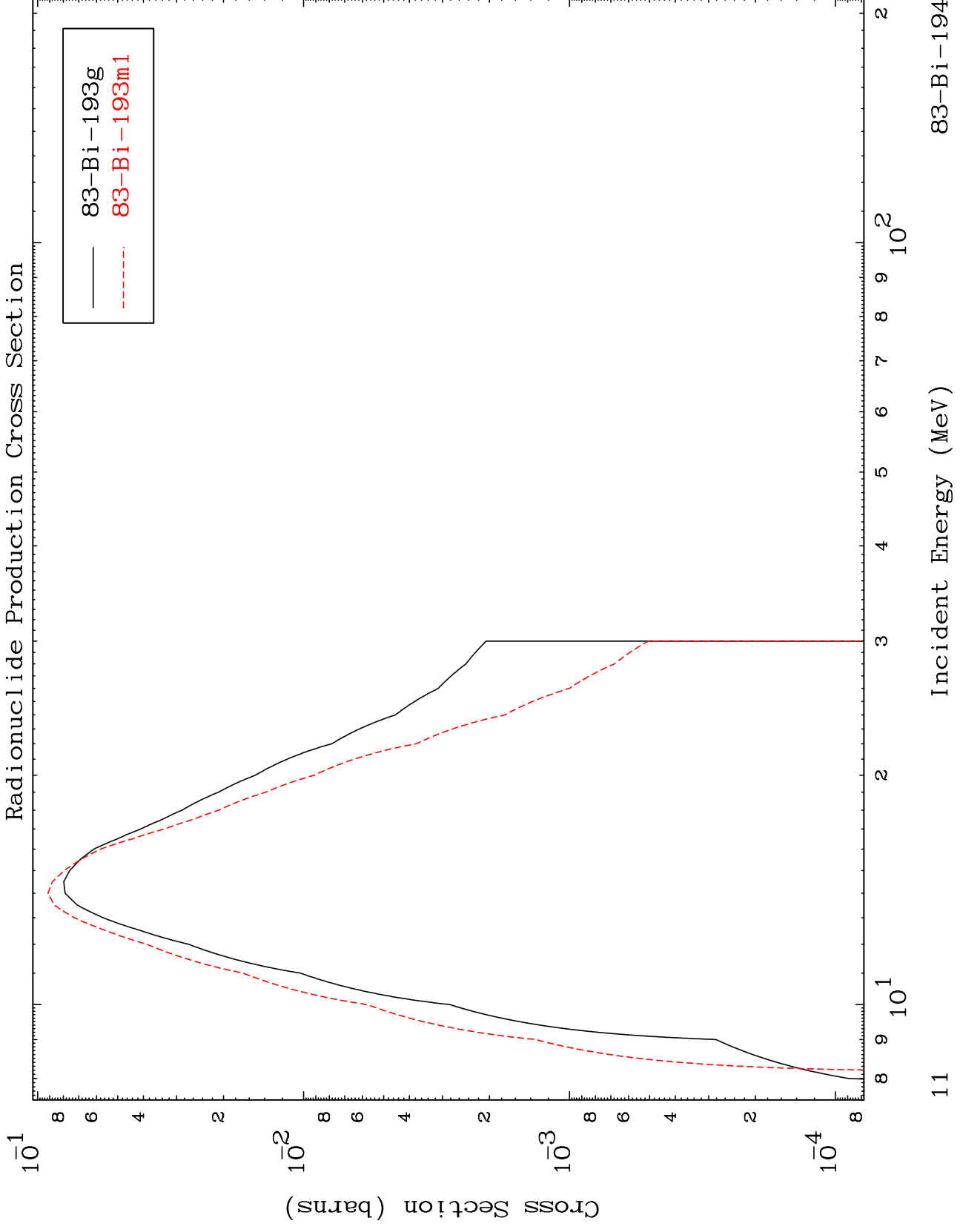
Incident Energy (MeV)

83-Bi-194

MAT 8282

Photon Inelastic  
Radionuclide Production Cross Section

83-Bi-194



11

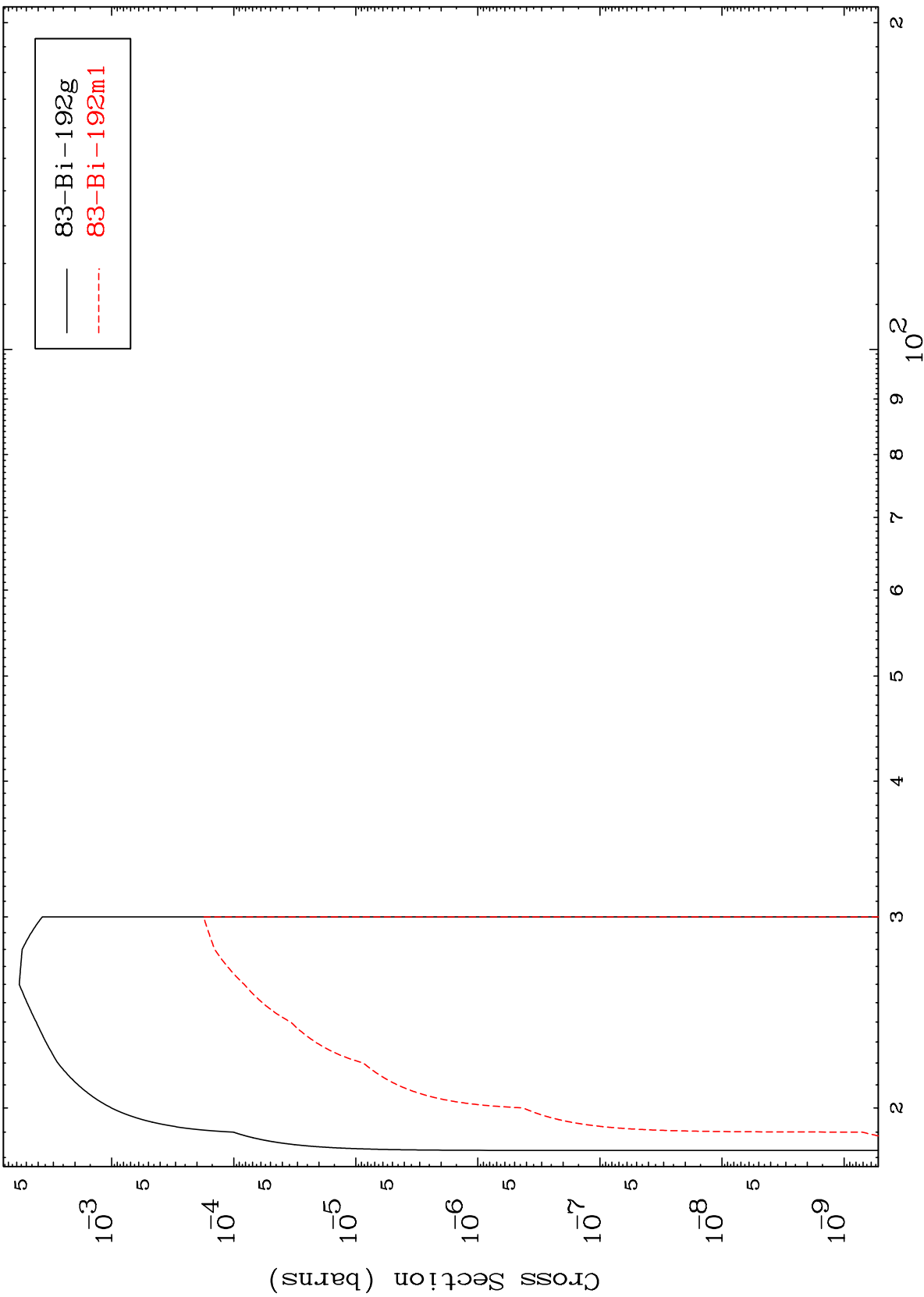
Incident Energy (MeV)

83-Bi-194

MAT 8282

83-Bi-194

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



12

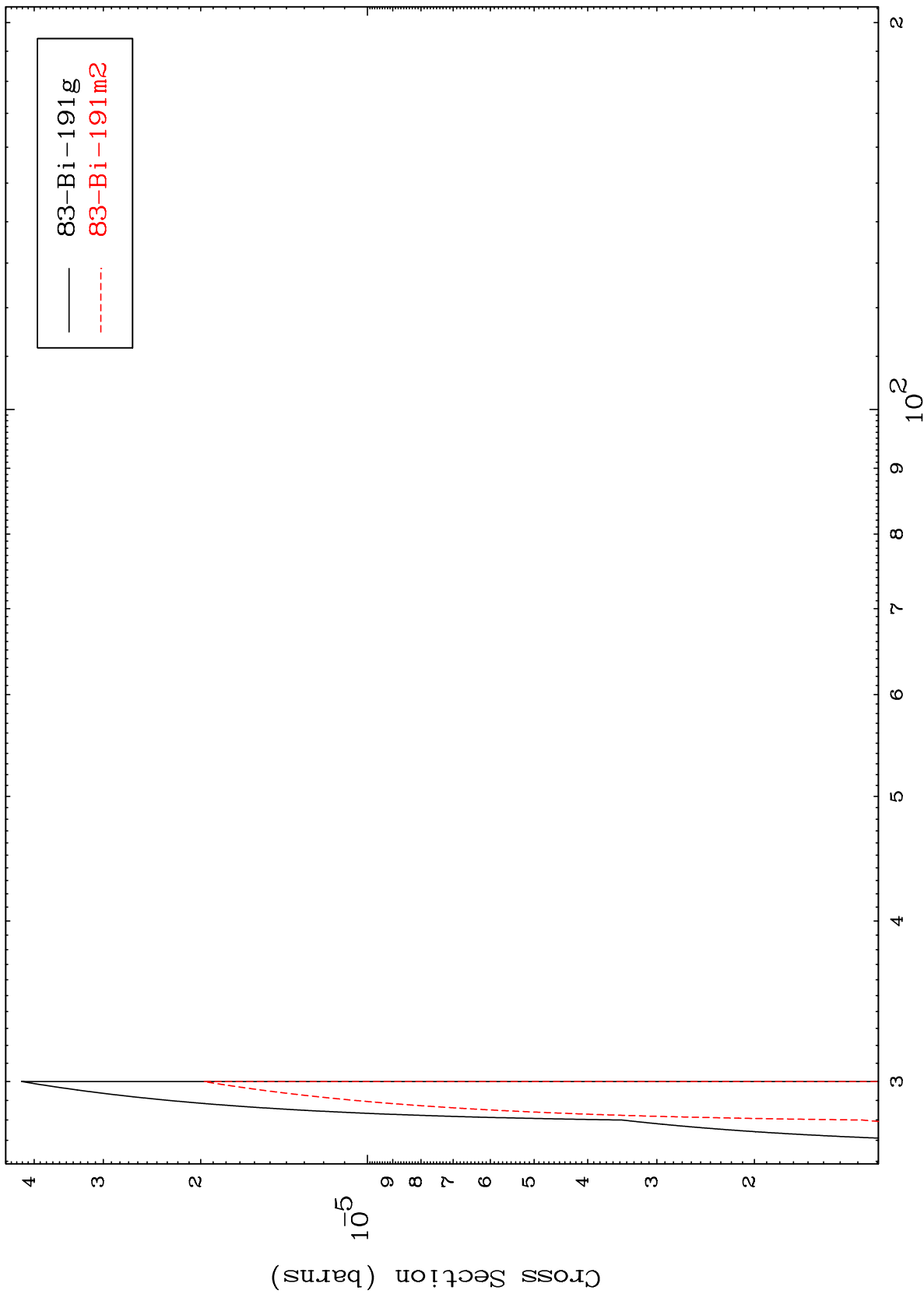
83-Bi-194

Incident Energy (MeV)

MAT 8282

<sup>83</sup>Bi-194

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



83-Bi-191g  
83-Bi-191m2

<sup>83</sup>Bi-194

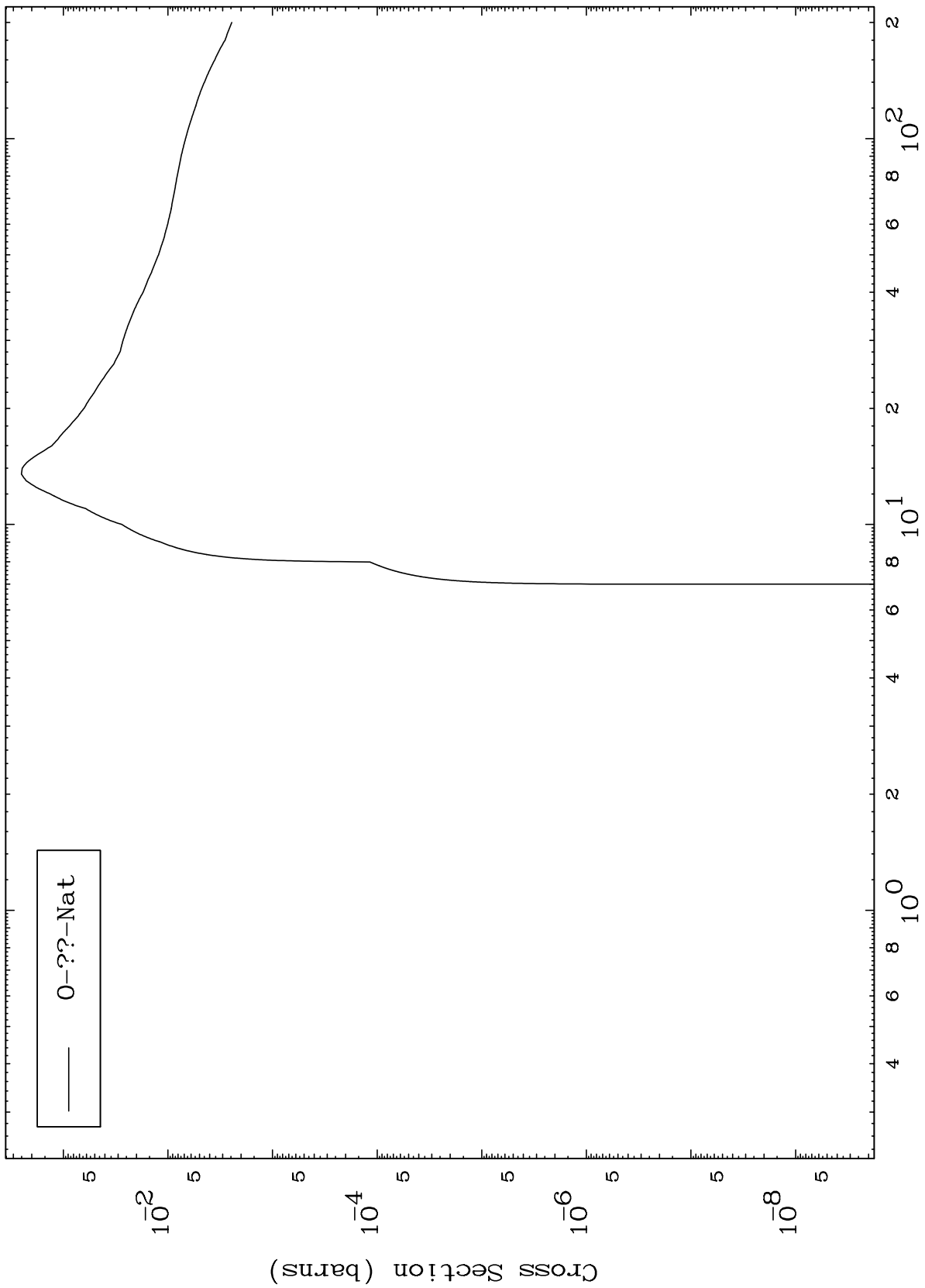
Incident Energy (MeV)

13

MAT 8282

83-Bi-194

Photon Fission  
Radionuclide Production Cross Section



83-Bi-194

Incident Energy (MeV)

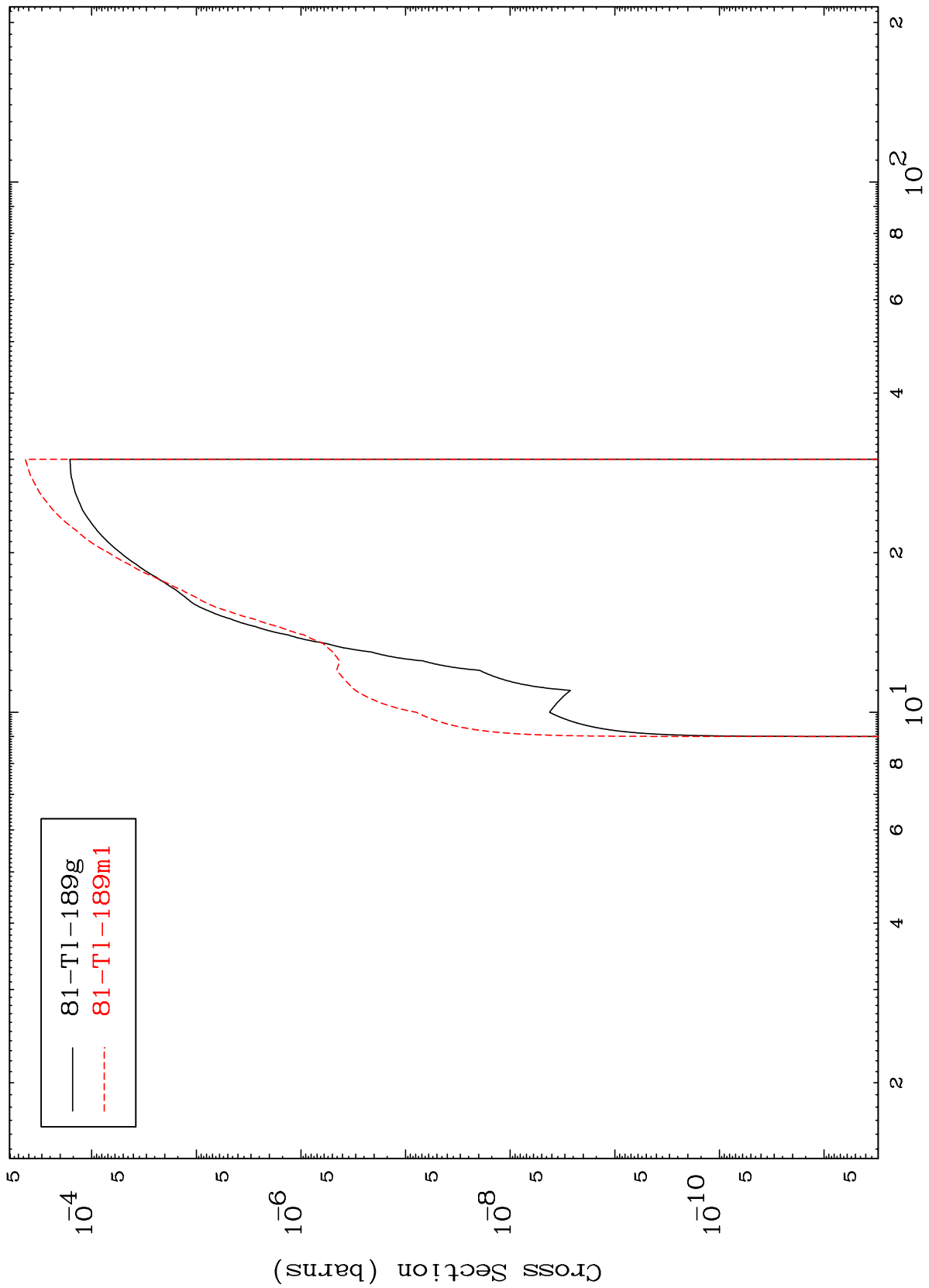
14

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

83-Bi-194

Radionuclide Production Cross Section



81-Tl-189g  
81-Tl-189m1

15

Incident Energy (MeV)

83-Bi-194

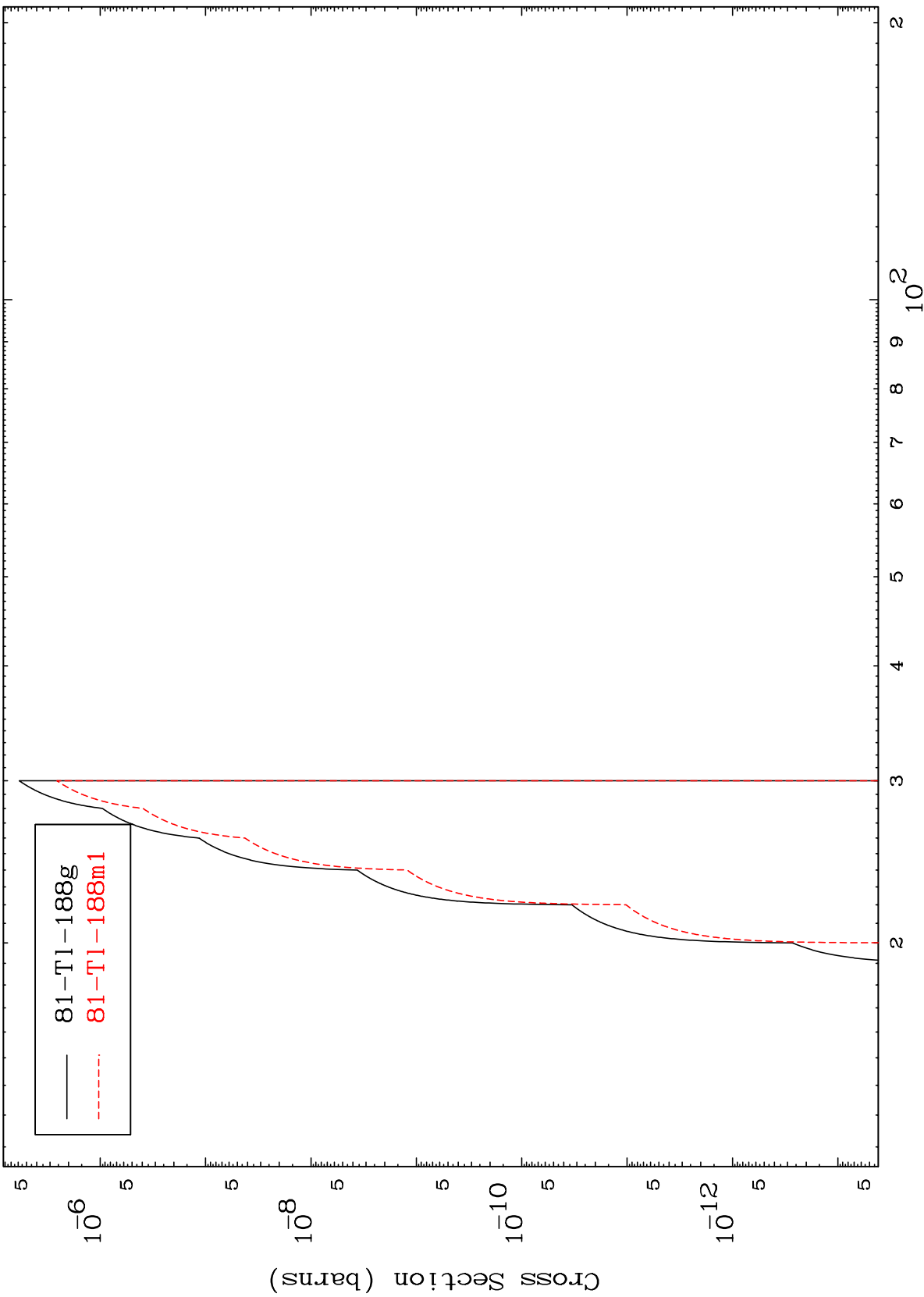


MAT 8282

$(\gamma, 2n) \alpha$

83-Bi-194

Radionuclide Production Cross Section

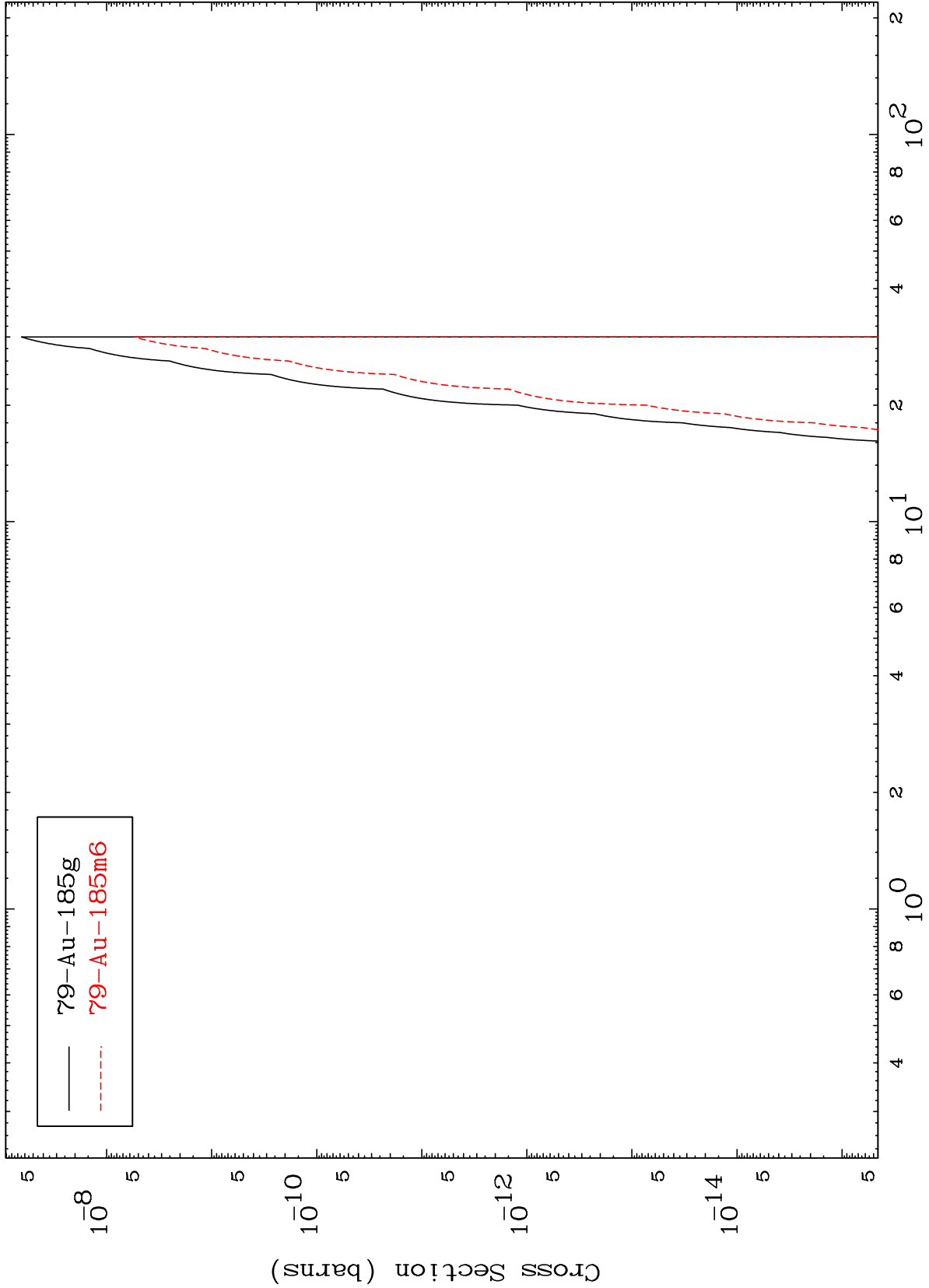


MAT 8282

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

83-Bi-194

Radionuclide Production Cross Section



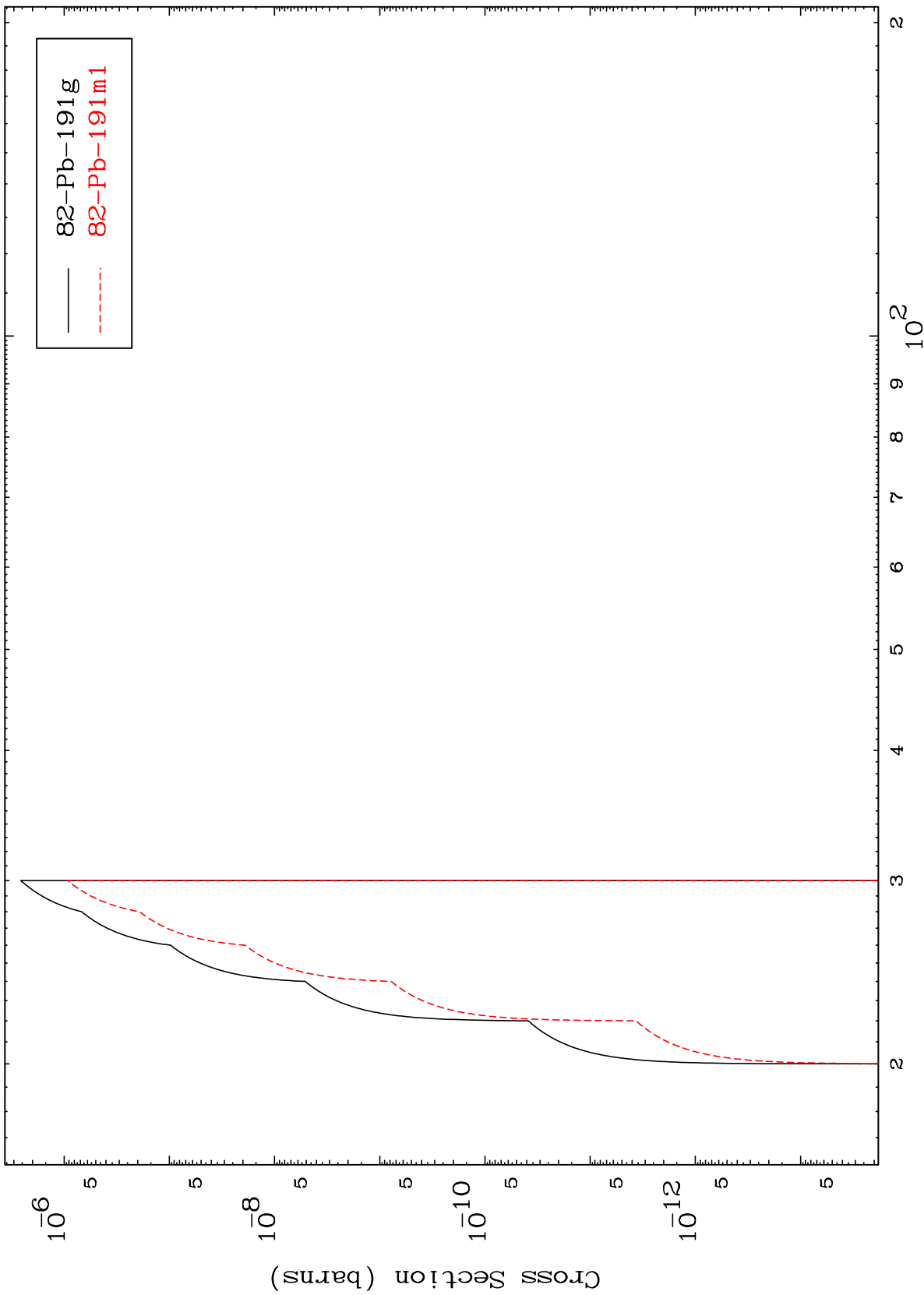
79-Au-185g  
79-Au-185m6

MAT 8282

( $\gamma, n'$ ) d

83-Bi-194

Radionuclide Production Cross Section



18

Incident Energy (MeV)

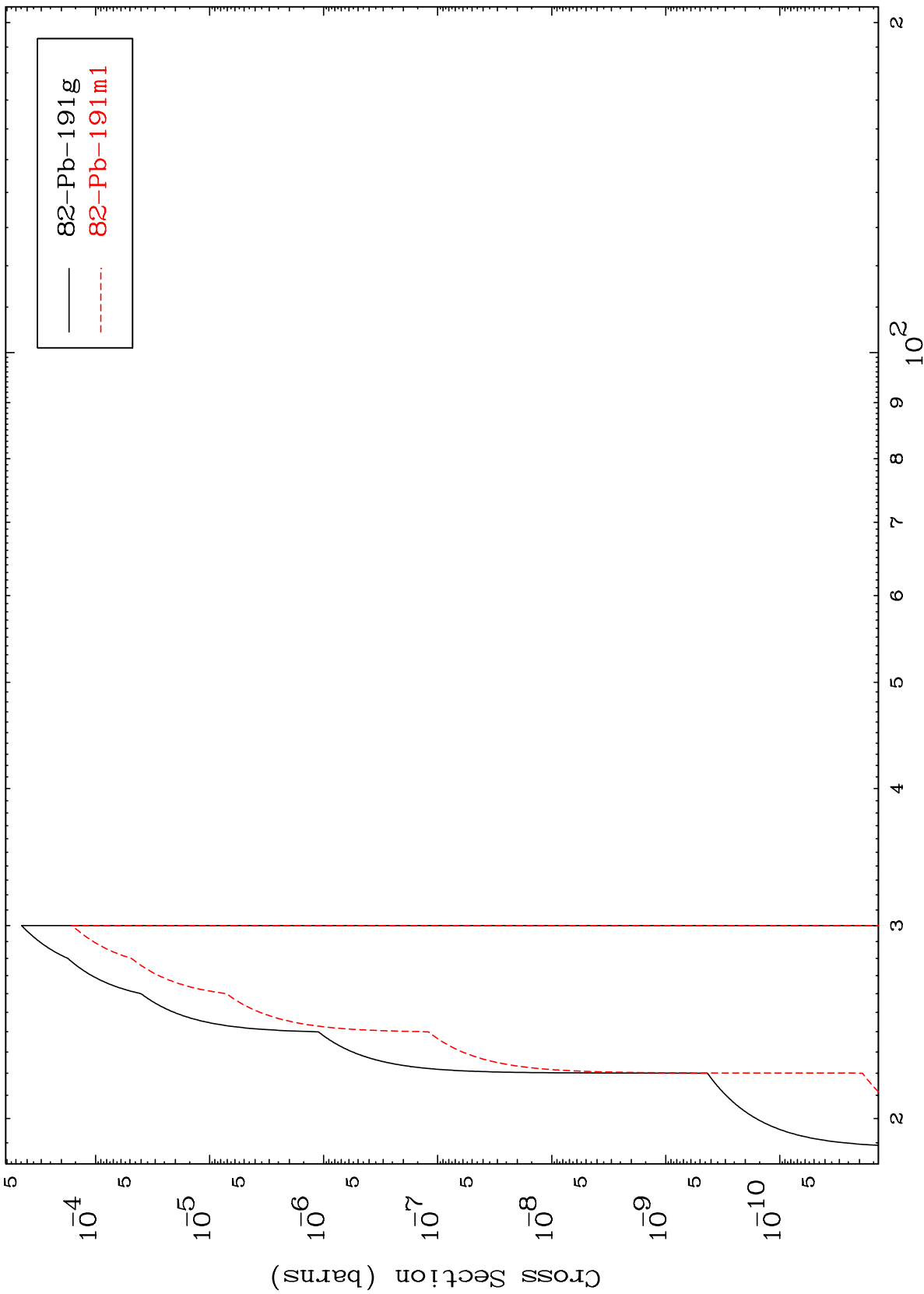
83-Bi-194

MAT 8282

( $\gamma, 2n$ ) p

83-Bi-194

Radionuclide Production Cross Section

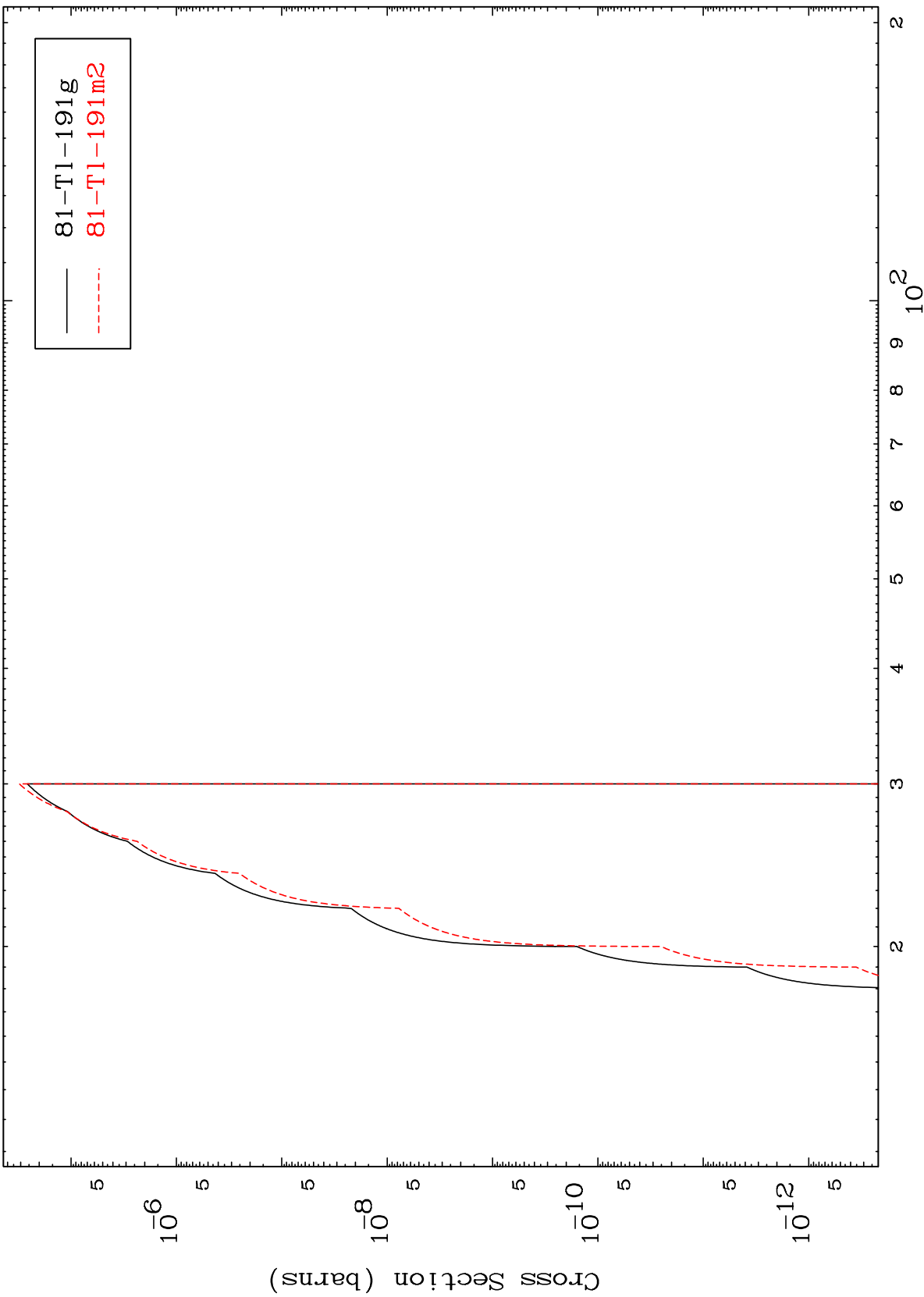


19

Incident Energy (MeV)

83-Bi-194

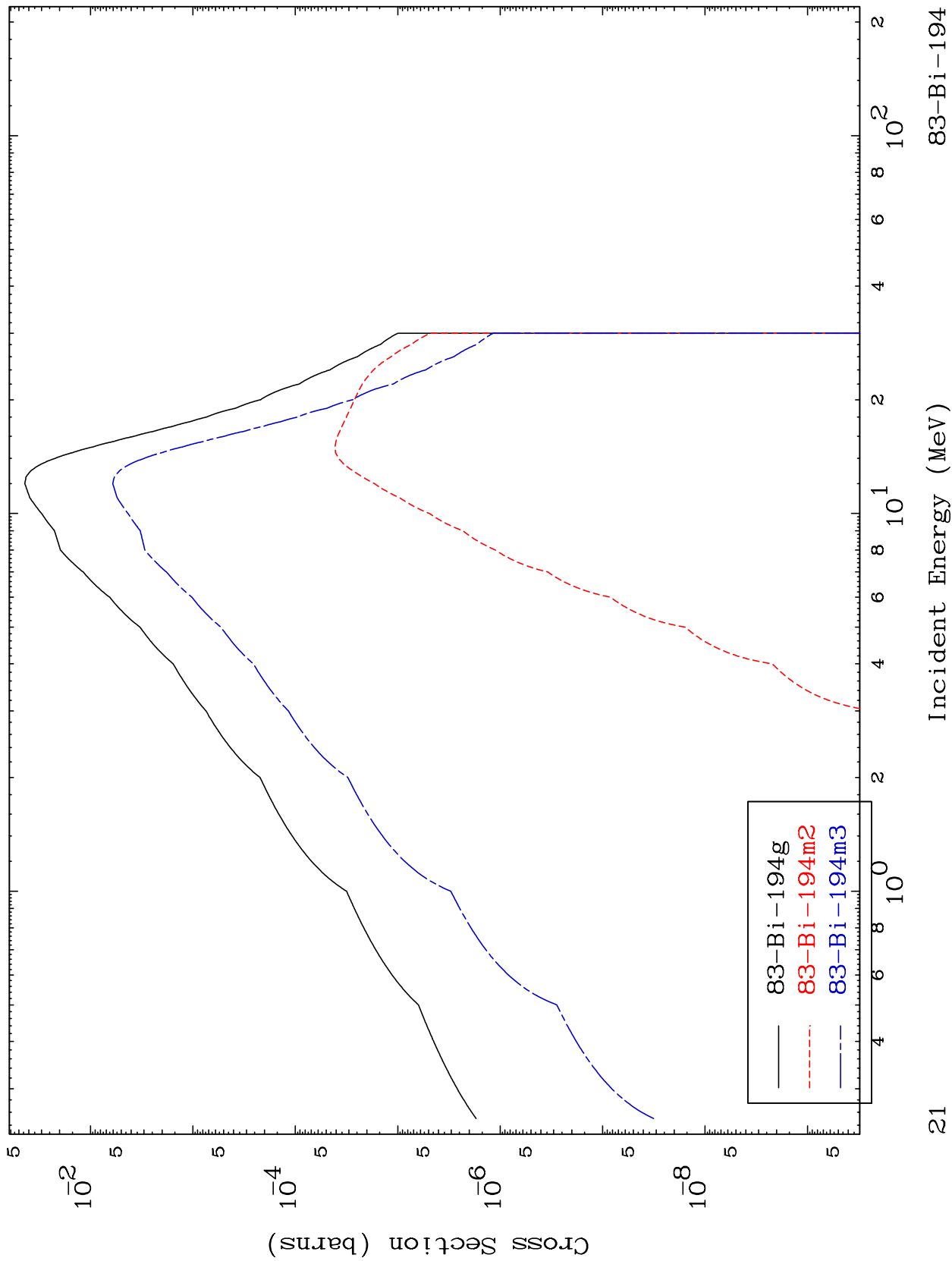
$(\gamma, 2n)$  p  
Radionuclide Production Cross Section



MAT 8282

83-Bi-194

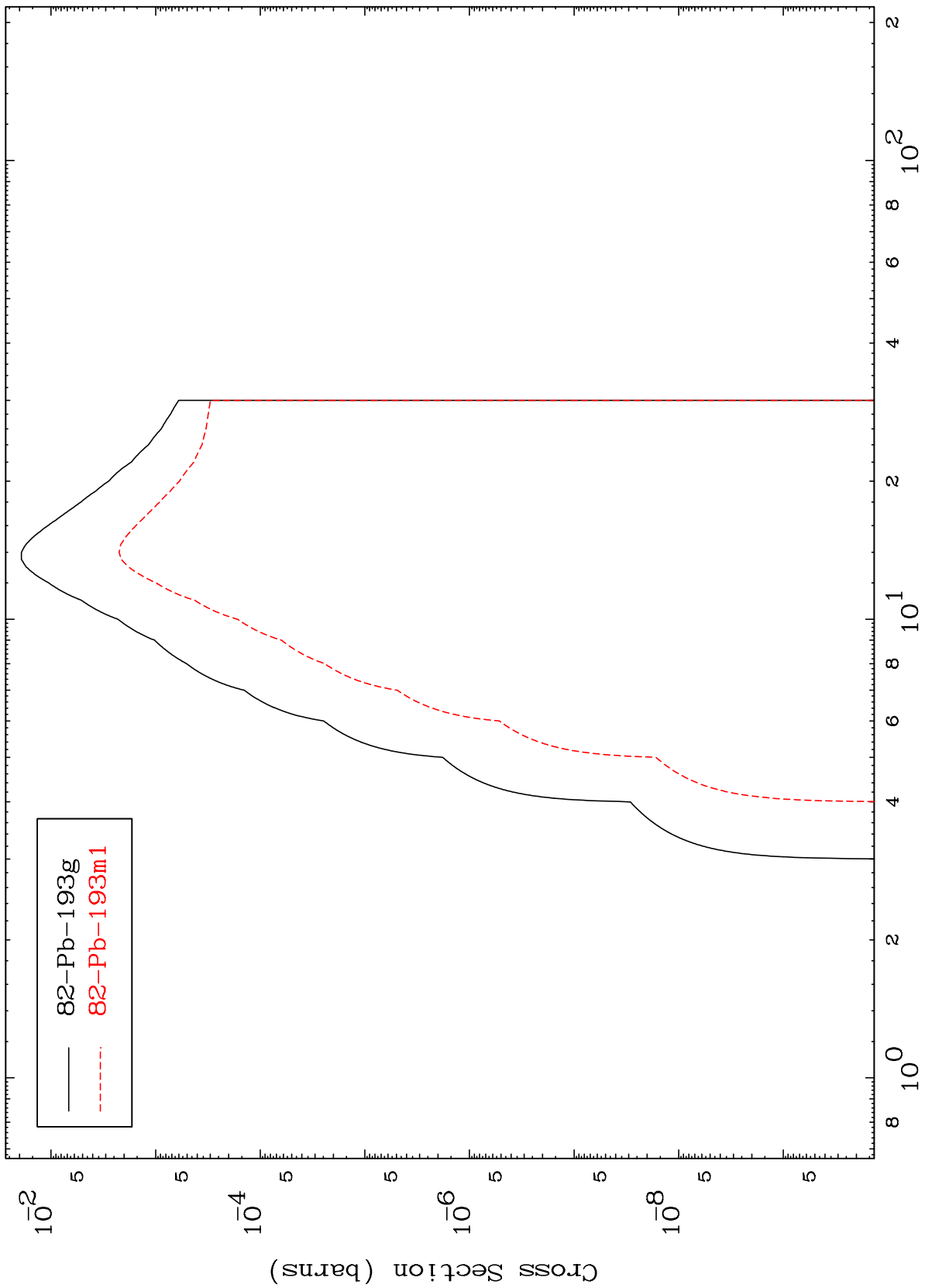
$(\gamma, \gamma)$   
Radionuclide Production Cross Section



MAT 8282

83-Bi-194

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



22

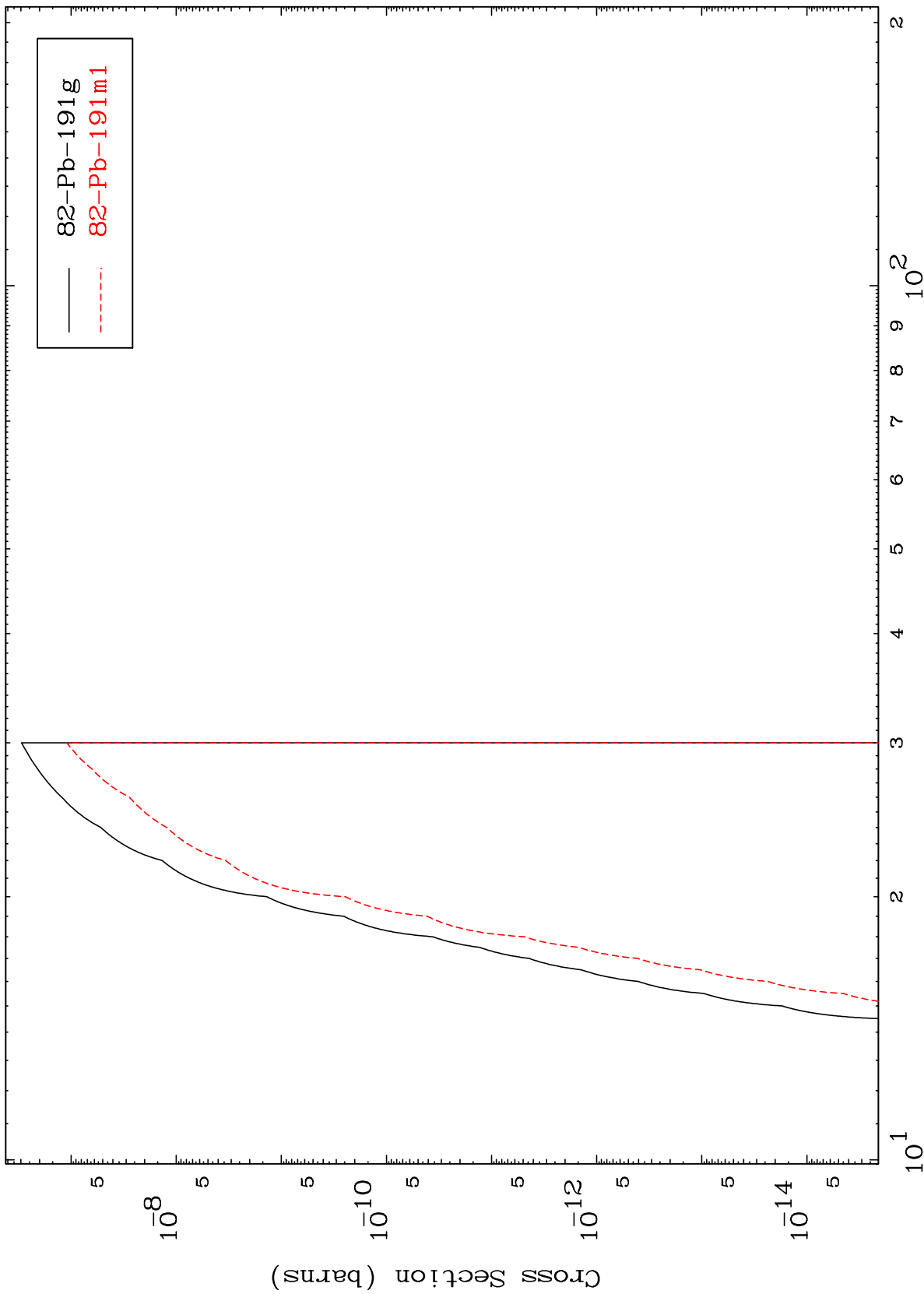
83-Bi-194

Incident Energy (MeV)

MAT 8282

83-Bi-194

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



82-Pb-191 g  
82-Pb-191 m1

83-Bi-194

Incident Energy (MeV)

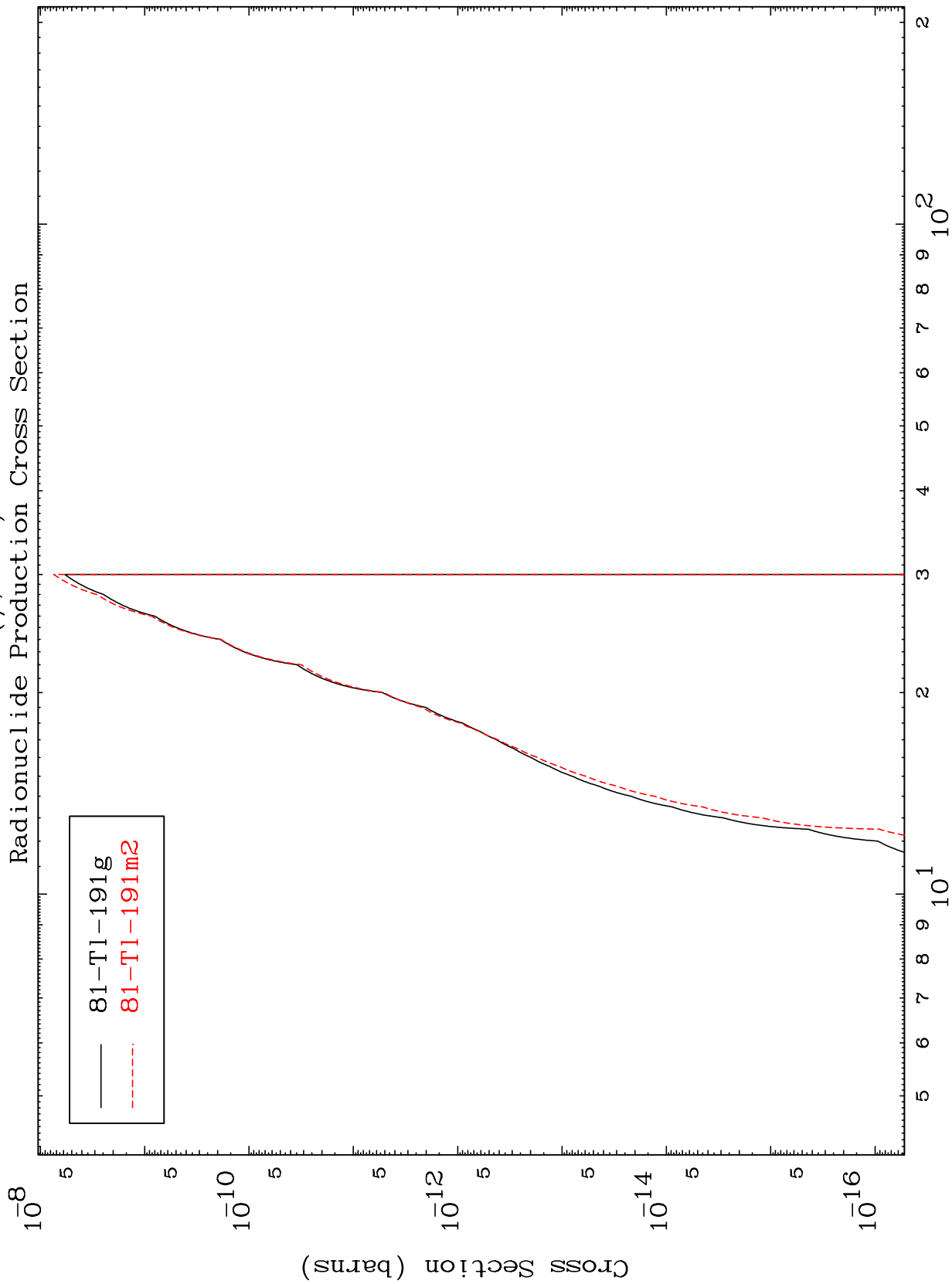
23



MAT 8282

83-Bi-194

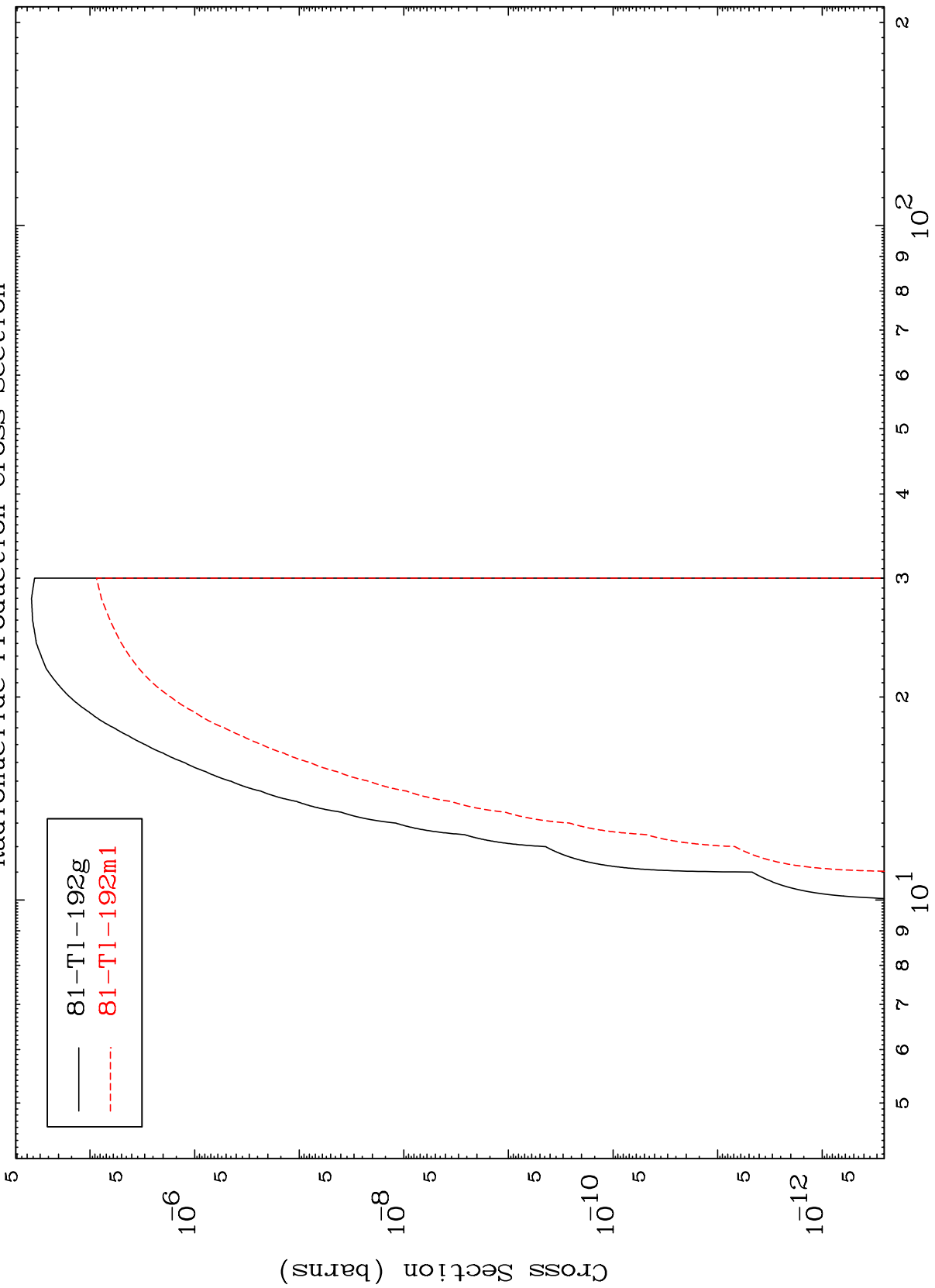
Radionuclide Production Cross Section  
( $\gamma, \text{He-3}$ )



MAT 8282

83-Bi-194

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



25

Incident Energy (MeV)

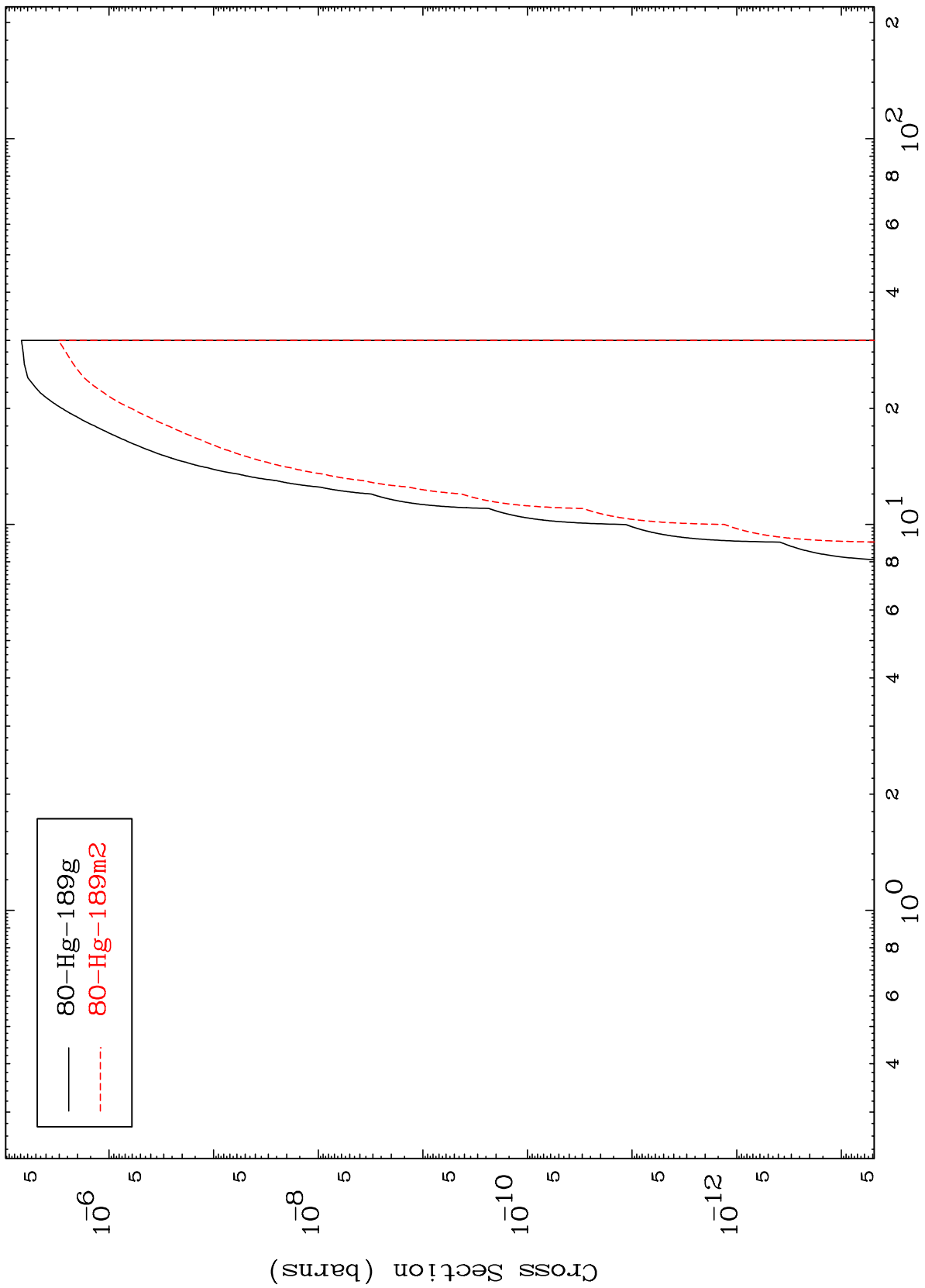
83-Bi-194

MAT 8282

$(\gamma, p) \alpha$

83-Bi-194

Radionuclide Production Cross Section

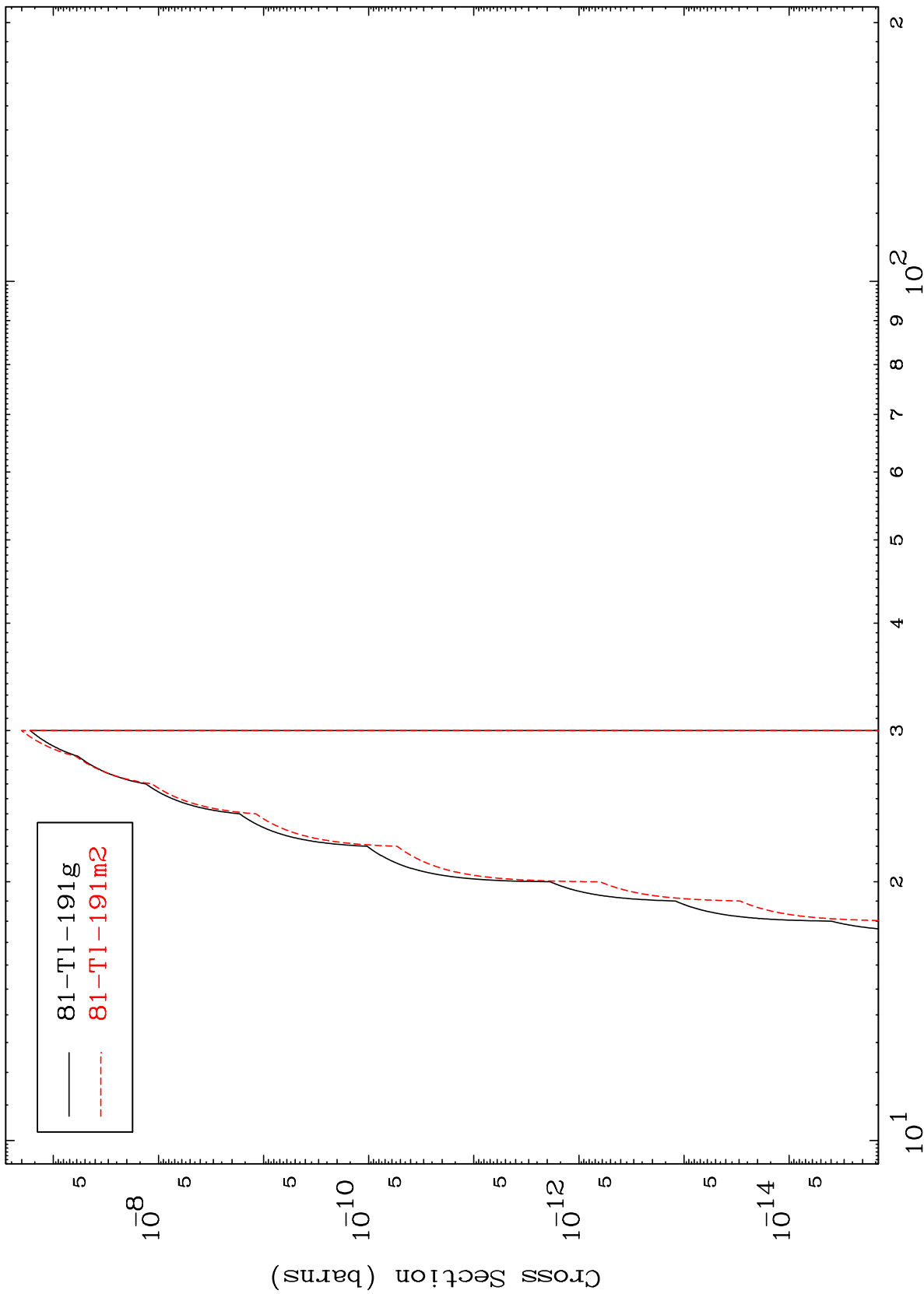


MAT 8282

( $\gamma, p$ ) d

83-Bi-194

Radionuclide Production Cross Section



81-Tl-191g  
81-Tl-191m2

27

Incident Energy (MeV)

83-Bi-194