

Program EVALPLOT  
(Version 2017-1)

by

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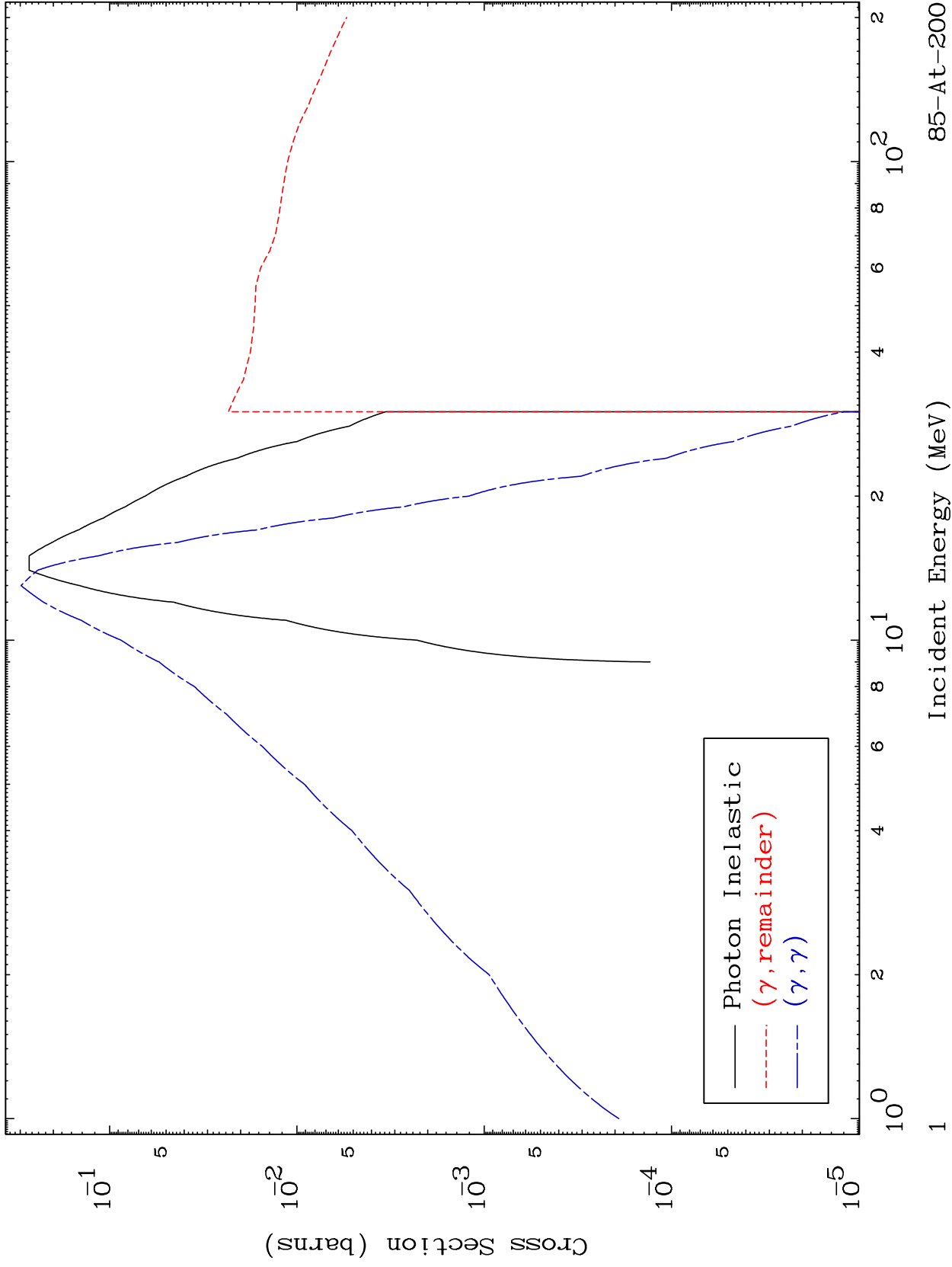
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8518

Photon Major  
0 Kelvin Cross Sections

85-At-200



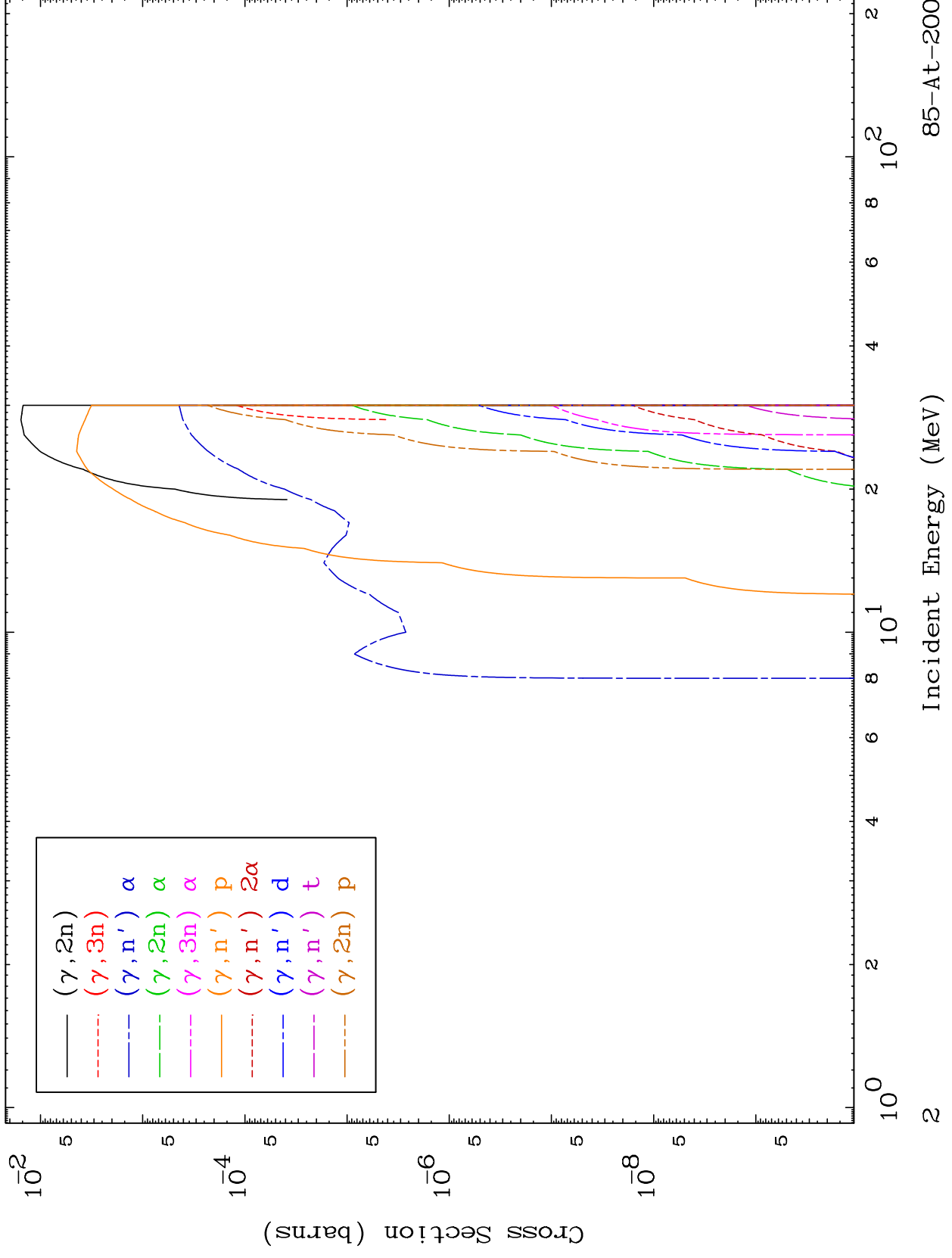
85-At-200

Incident Energy (MeV)

MAT 8518

Photon Neutron Production  
0 Kelvin Cross Sections

85-At-200

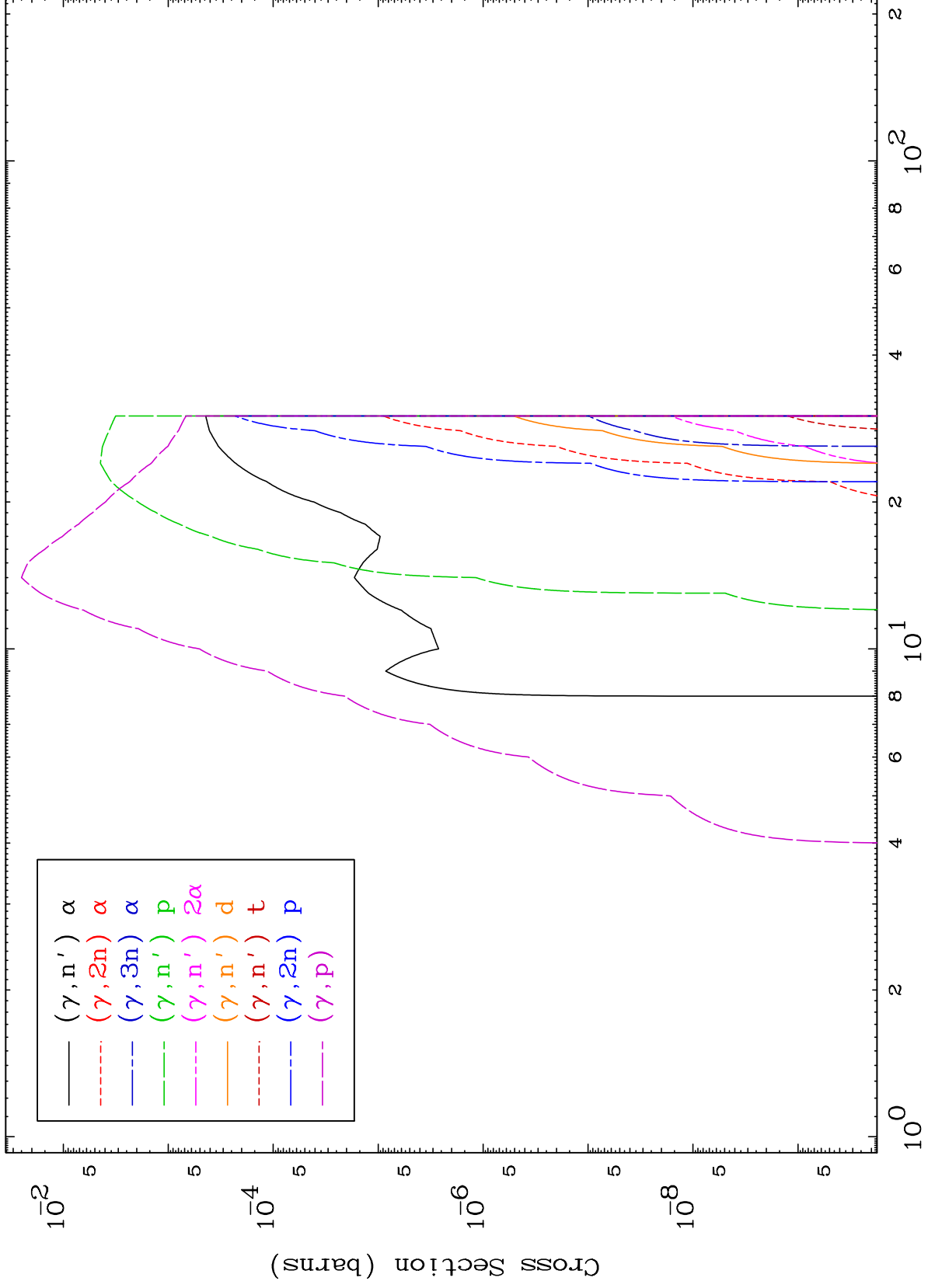


85-At-200

MAT 8518

Photon Charged Particle  
0 Kelvin Cross Sections

85-At-200



Incident Energy (MeV)

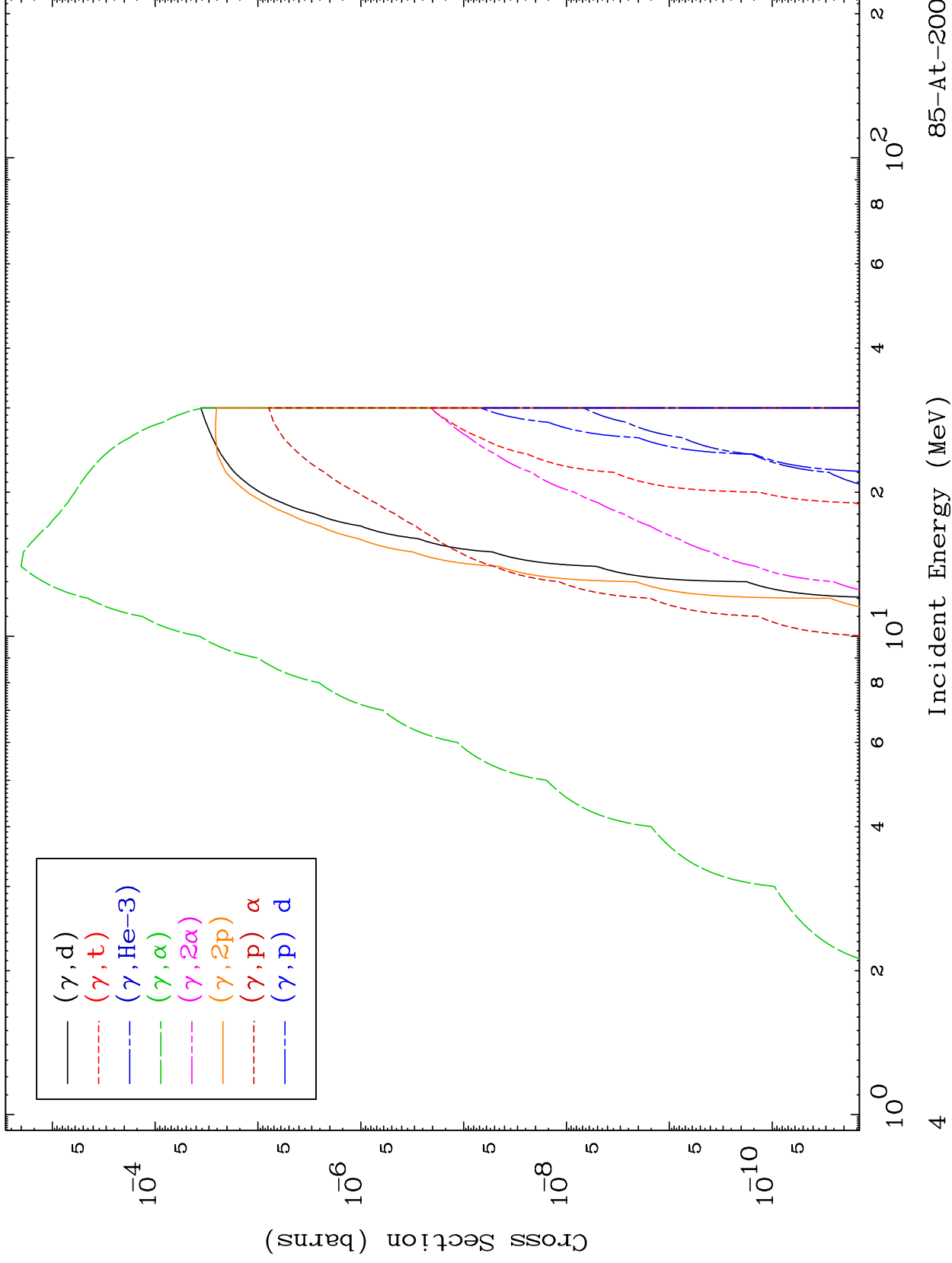
85-At-200

3

MAT 8518

Photon Charged Particle  
0 Kelvin Cross Sections

85-At-200

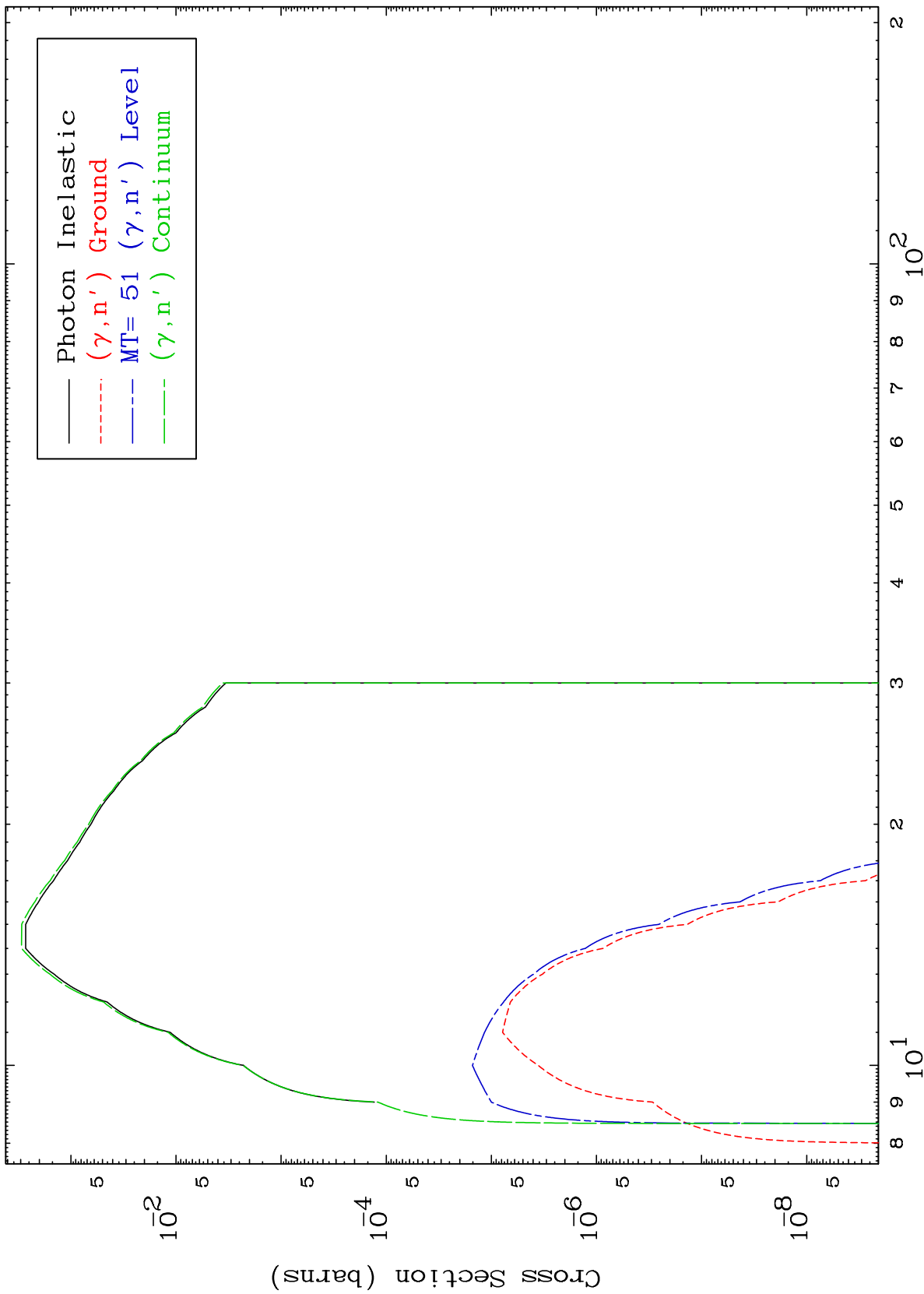


MAT 8518

$(\gamma, n')$  Level

85-At-200

0 Kelvin Cross Sections



Incident Energy (MeV)

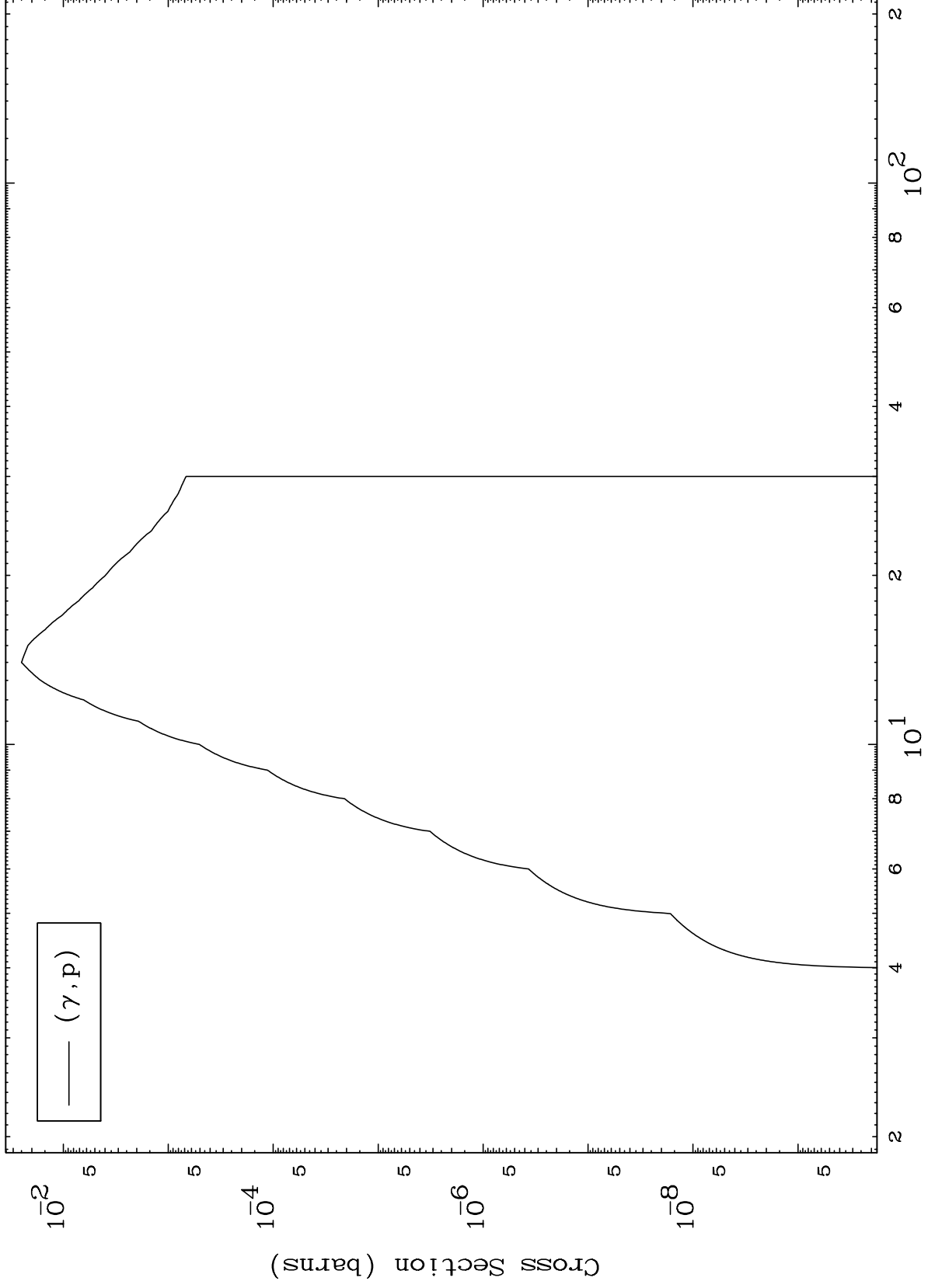
85-At-200

5

MAT 8518

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

85-At-200



6

Incident Energy (MeV)

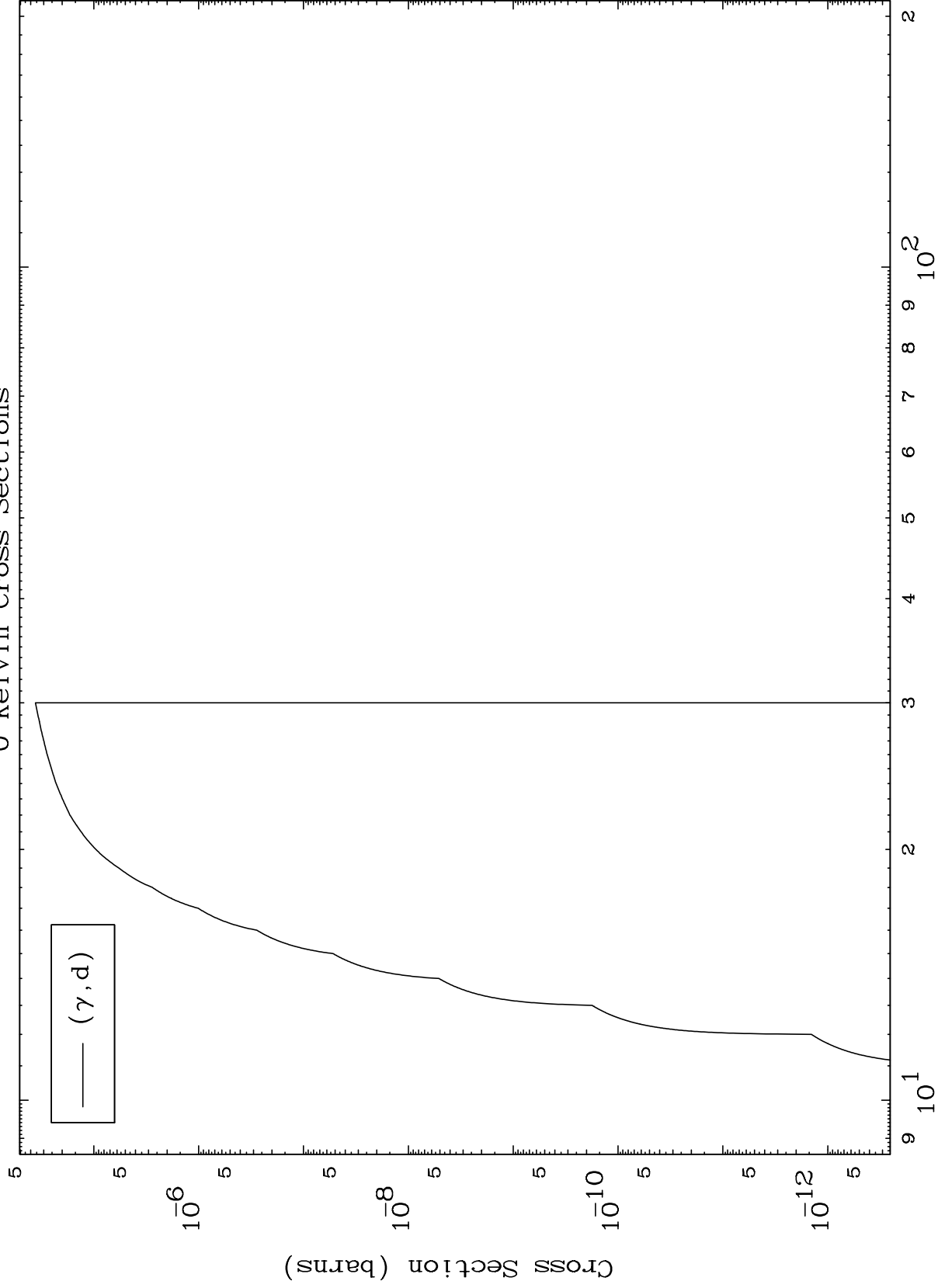
85-At-200

MAT 8518

( $\gamma, d$ ) Levels

85-At-200

0 Kelvin Cross Sections



Incident Energy (MeV)

85-At-200

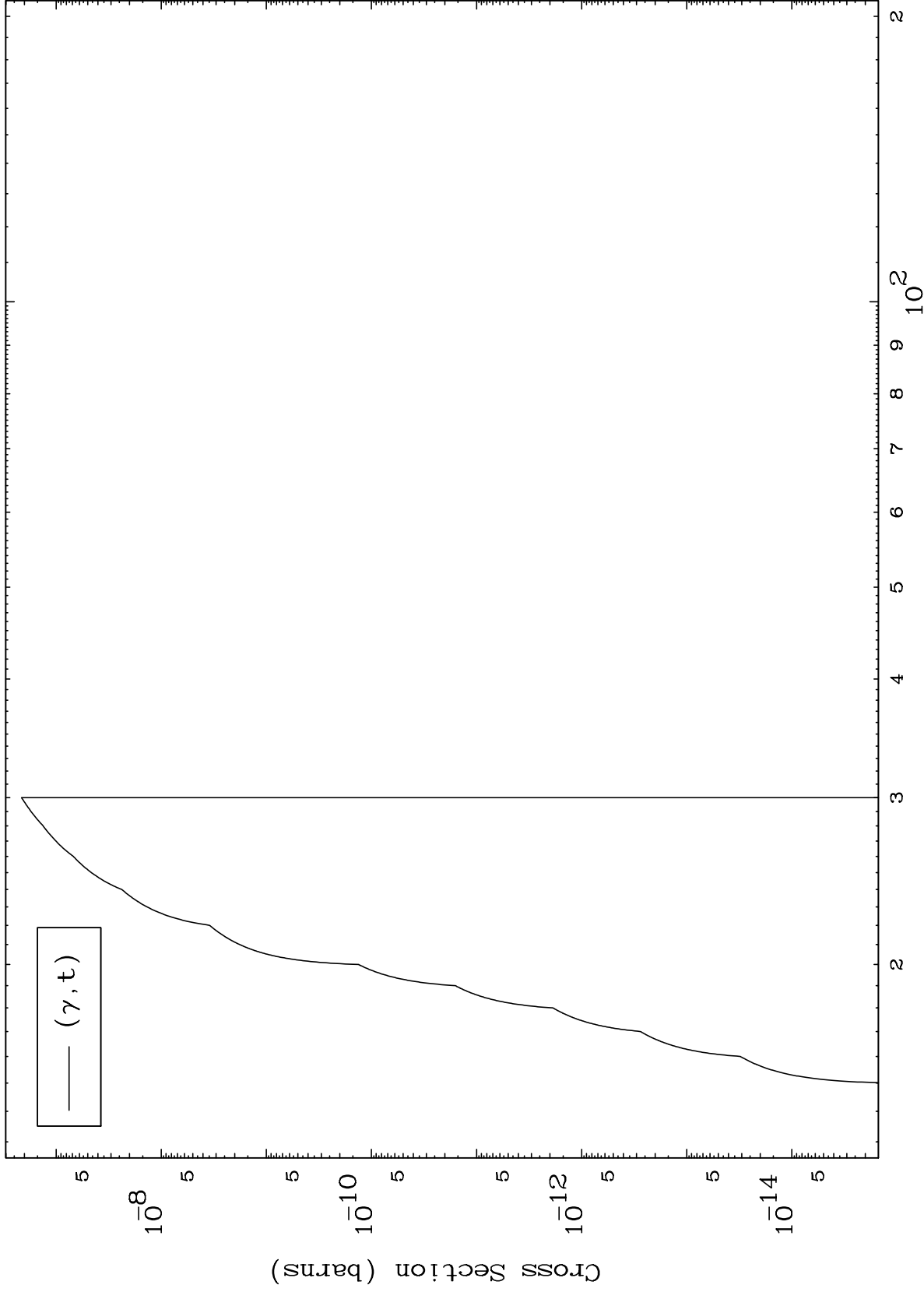
7



MAT 8518

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

85-At-200



8

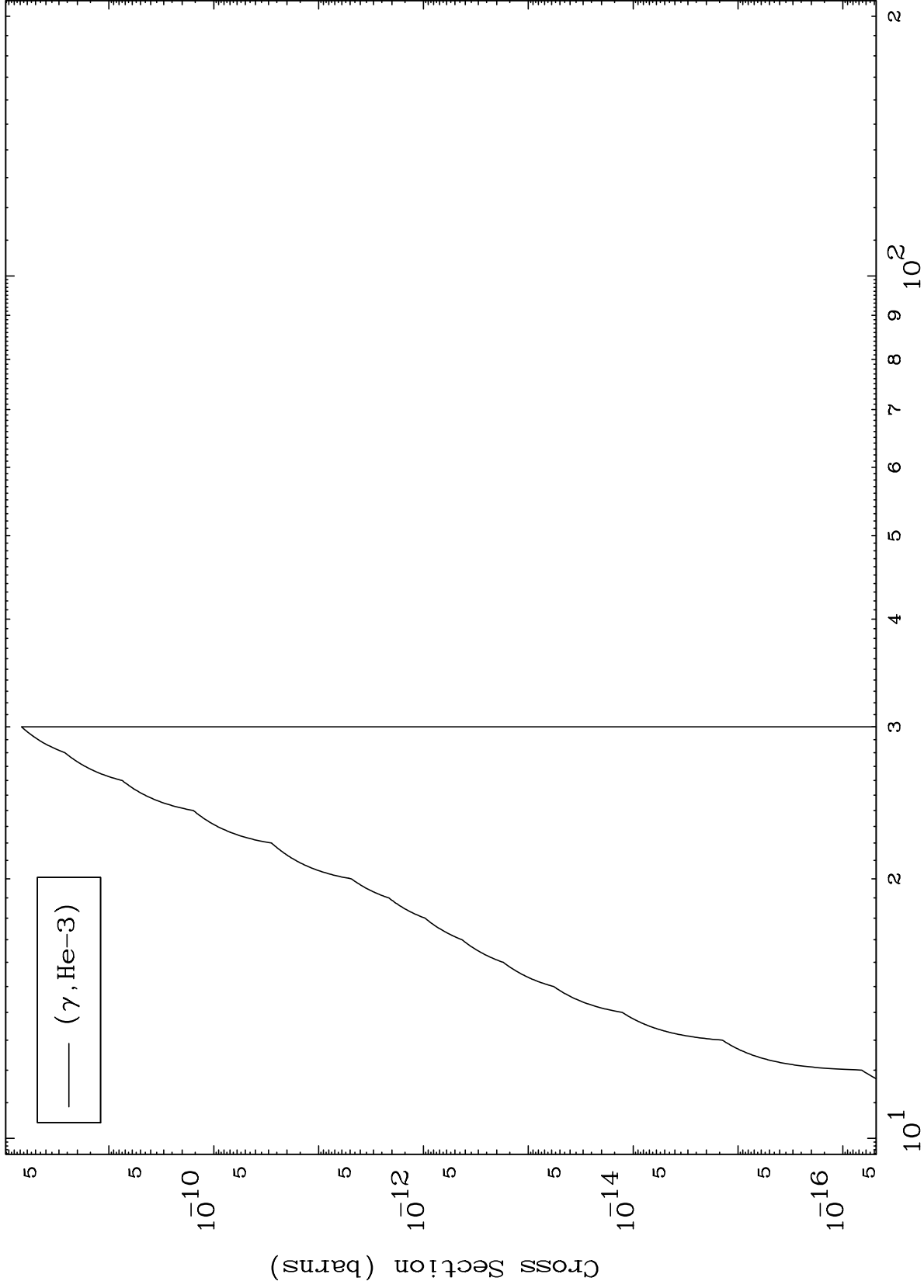
Incident Energy (MeV)

85-At-200

MAT 8518

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

85-At-200



Incident Energy (MeV)

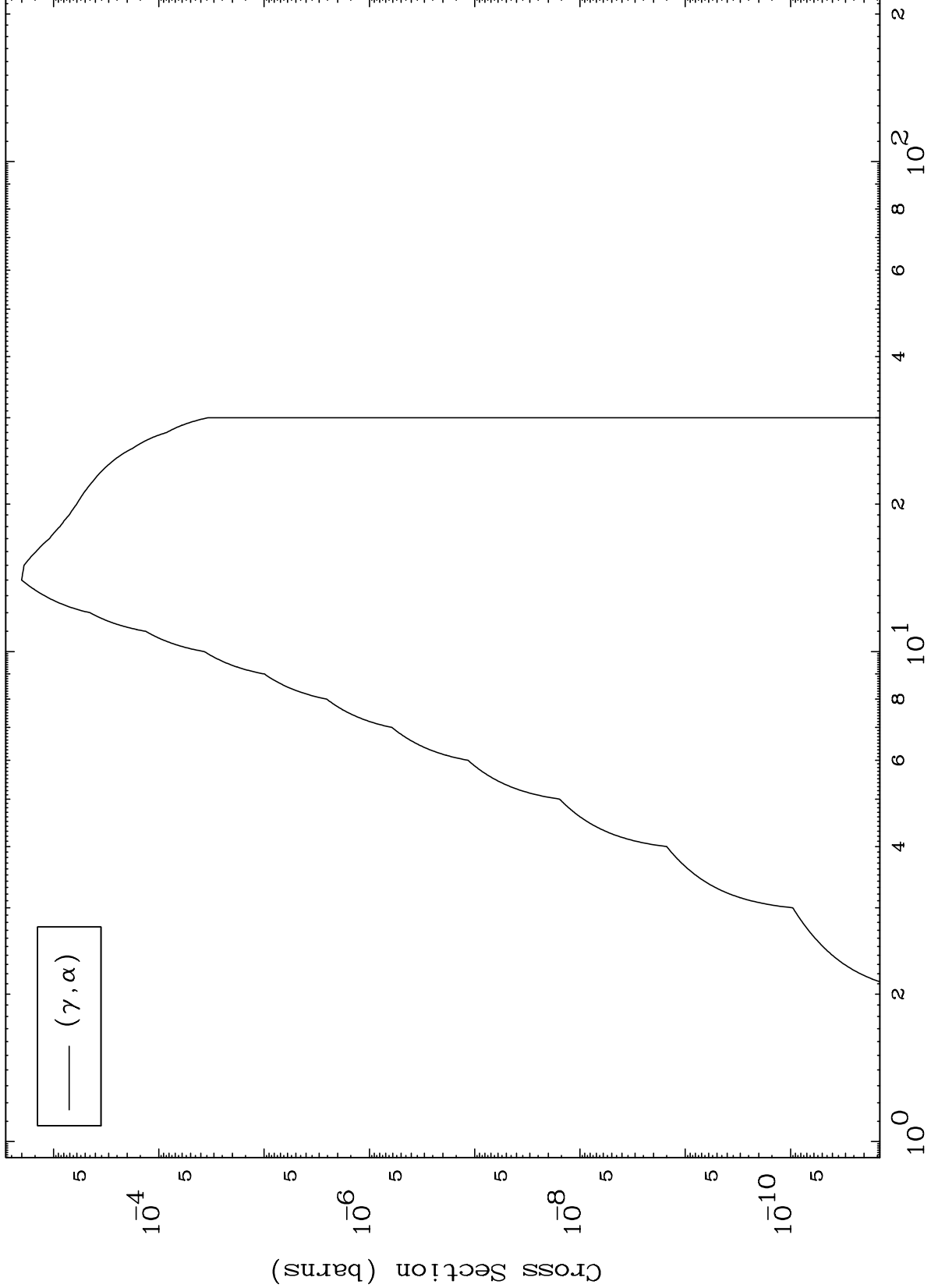
85-At-200

MAT 8518

( $\gamma, \alpha$ ) Levels

85-At-200

0 Kelvin Cross Sections



( $\gamma, \alpha$ )

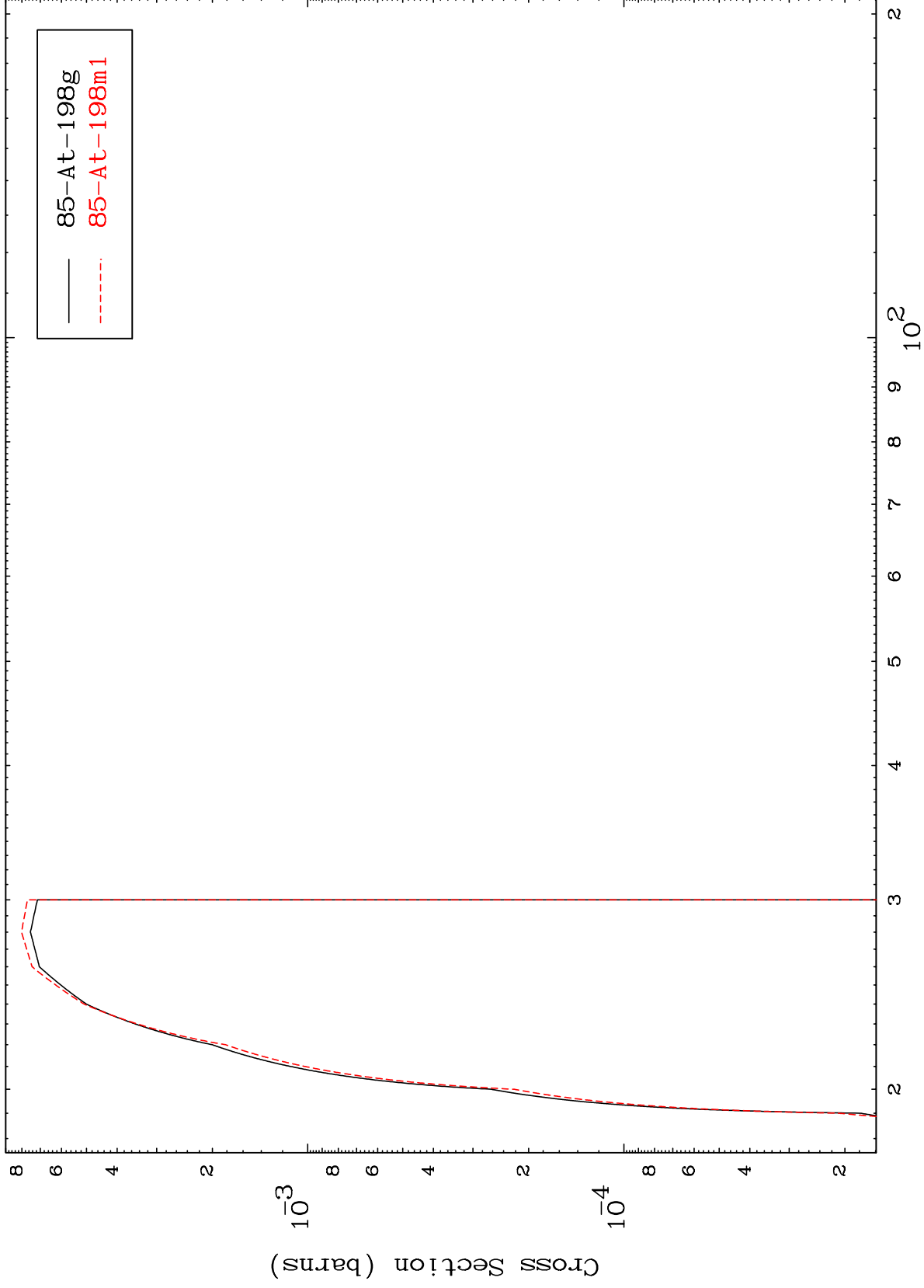
Incident Energy (MeV)

85-At-200

MAT 8518

85-At-200

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



11

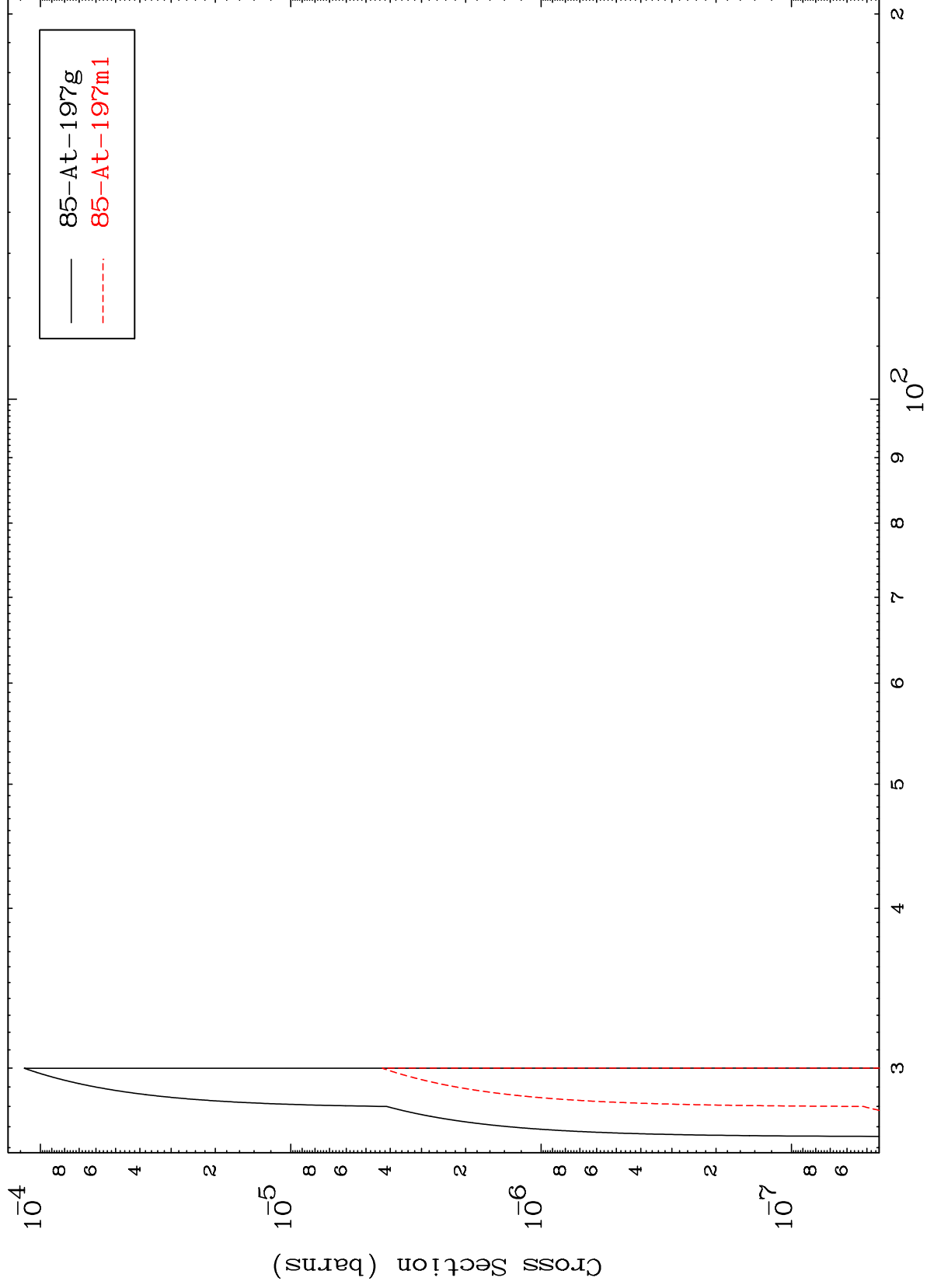
Incident Energy (MeV)

85-At-200

MAT 8518

85-At-200

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



12

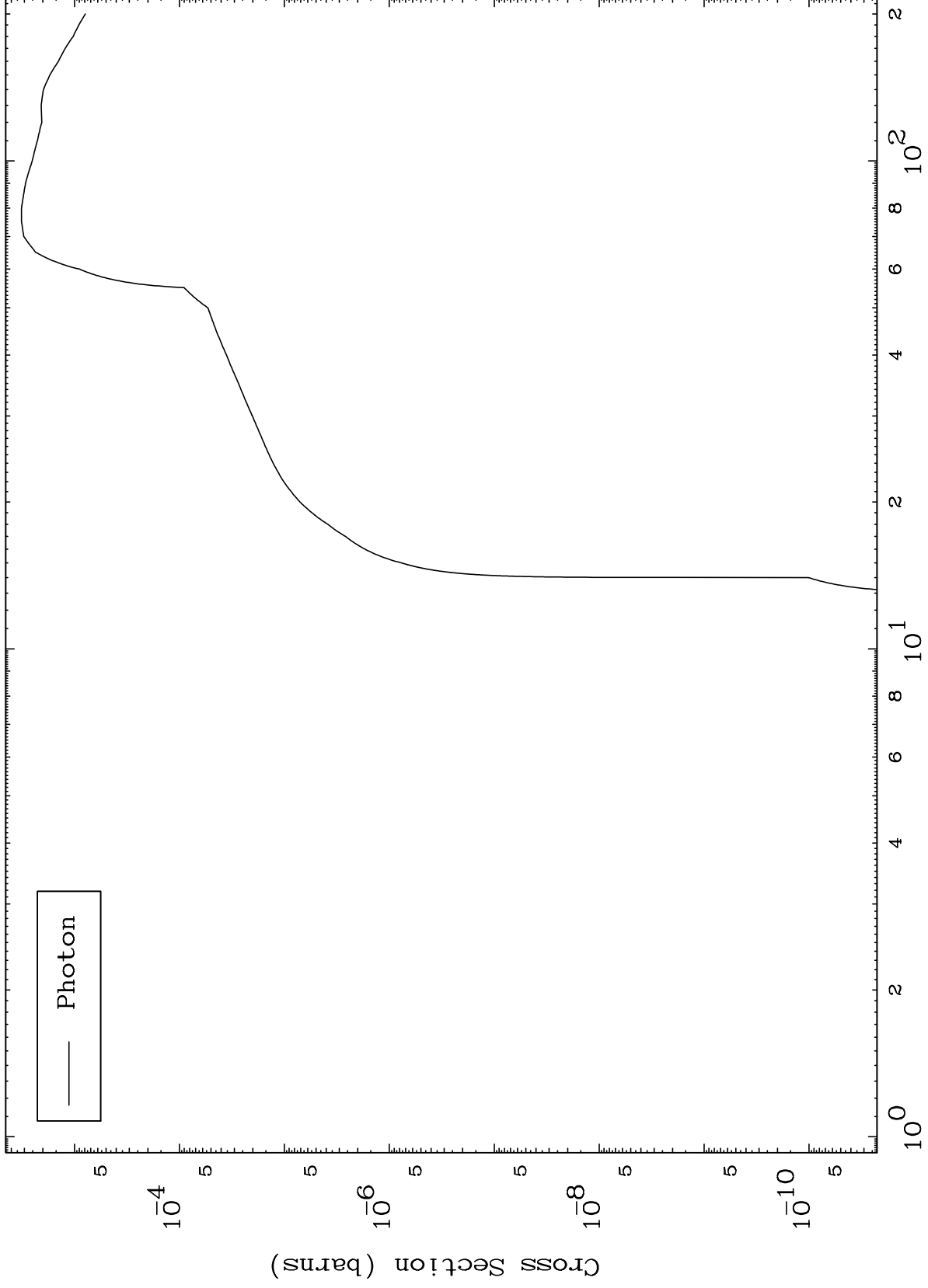
85-At-200

Incident Energy (MeV)

MAT 8518

85-At-200

Photon Fission  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

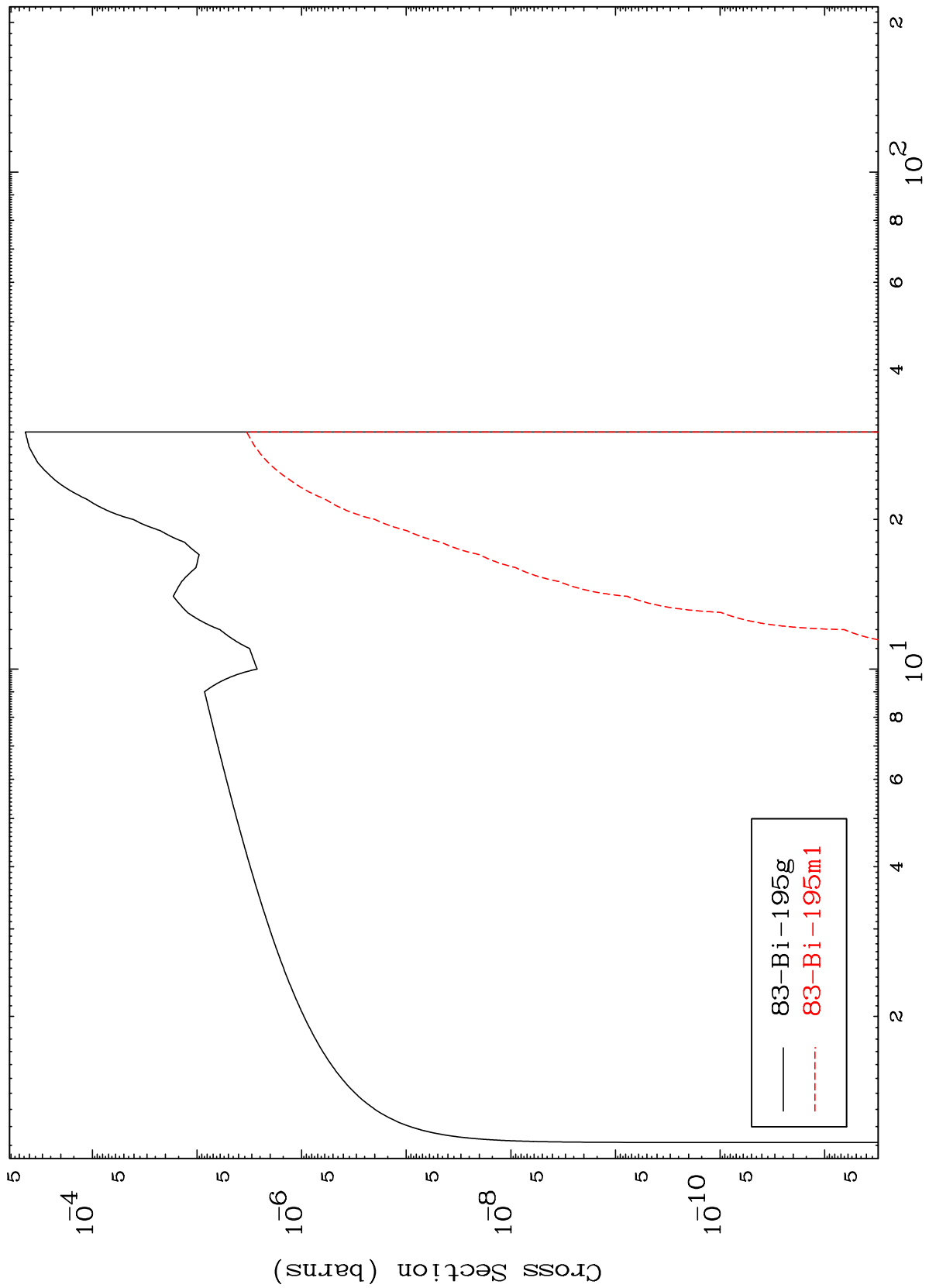
85-At-200

MAT 8518

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

85-At-200

Radionuclide Production Cross Section



14

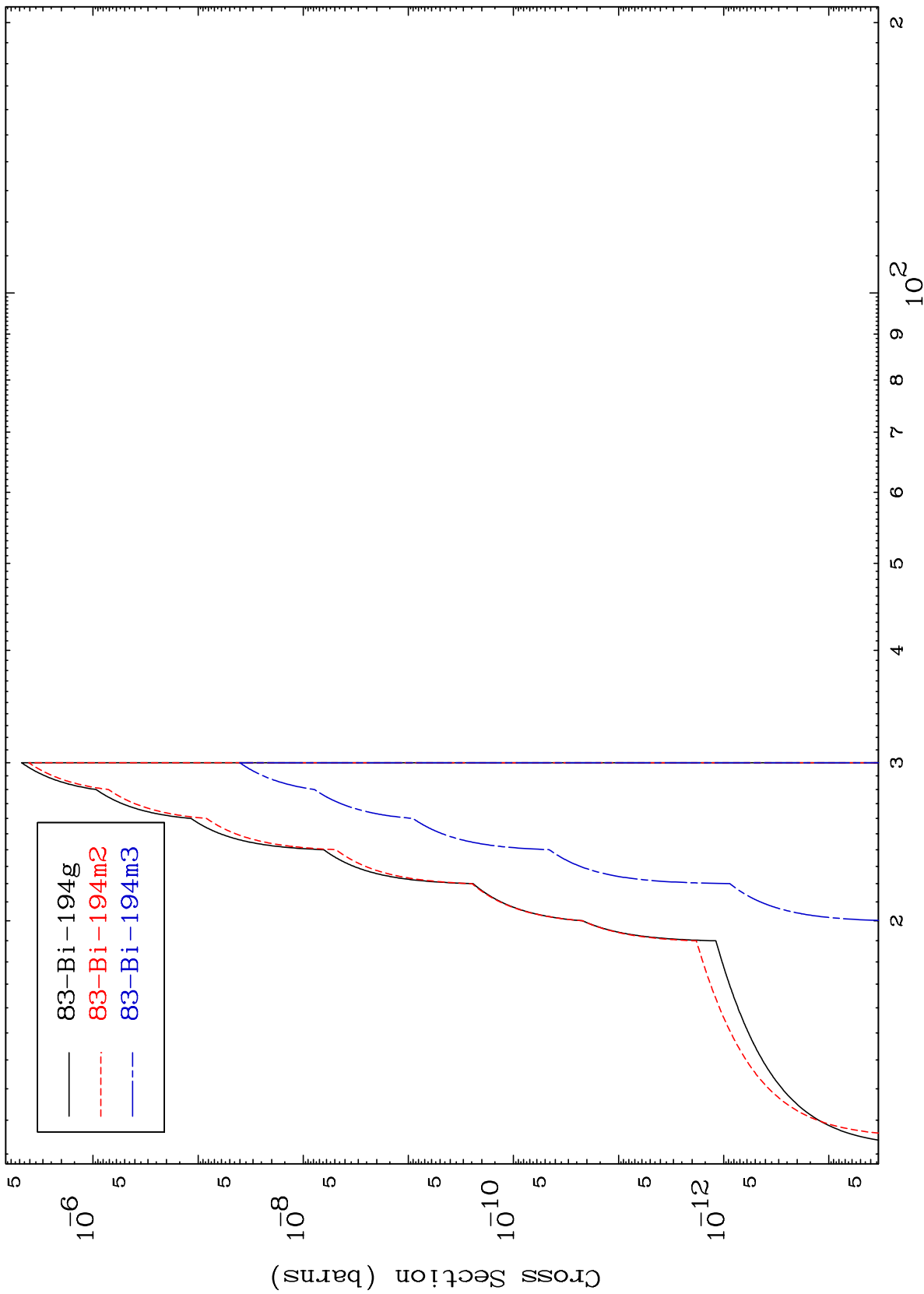
Incident Energy (MeV)

85-At-200

MAT 8518

85-At-200

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



15

Incident Energy (MeV)

85-At-200

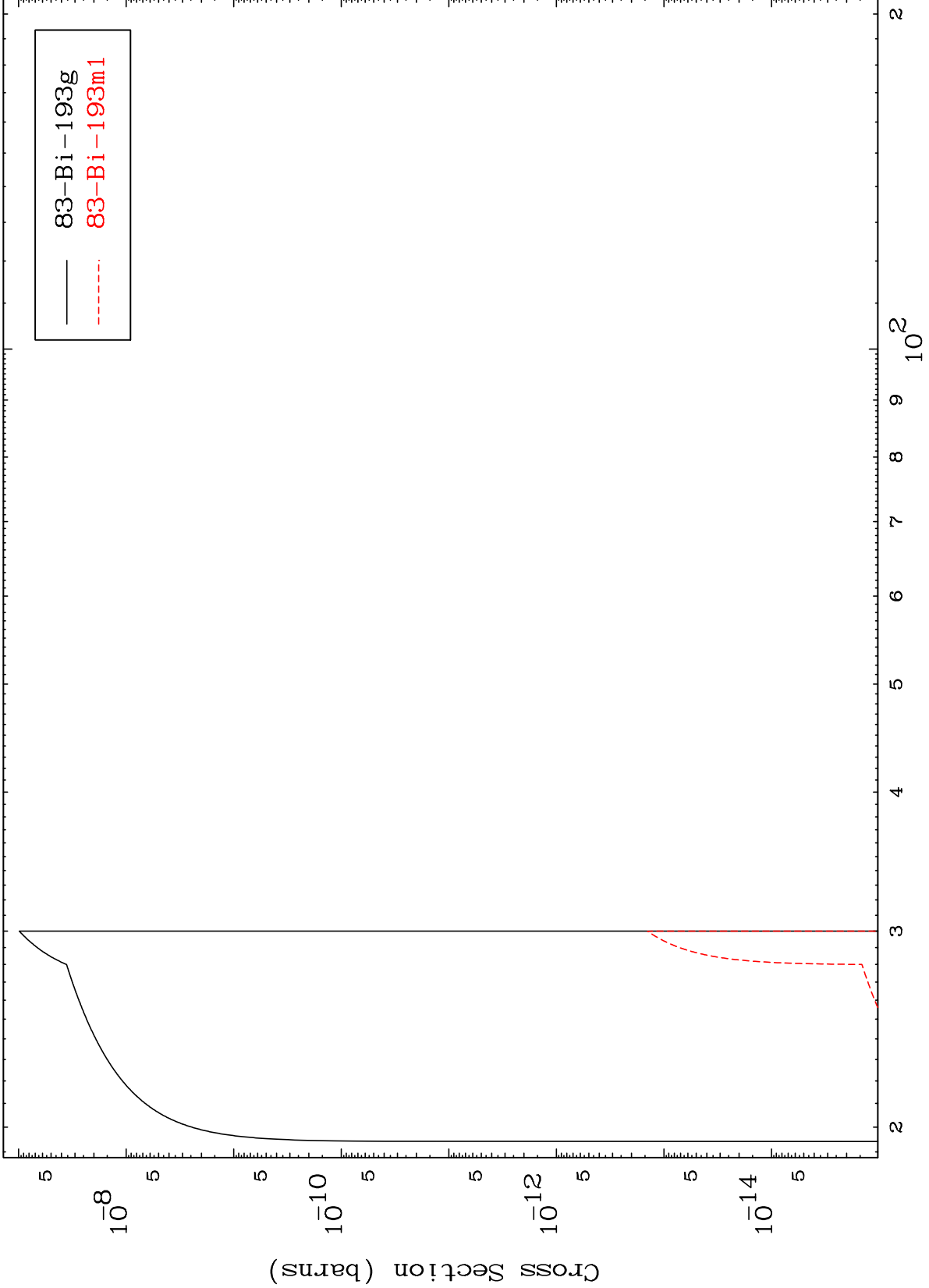


MAT 8518

$(\gamma, 3n) \alpha$

85-At-200

Radionuclide Production Cross Section



16

Incident Energy (MeV)

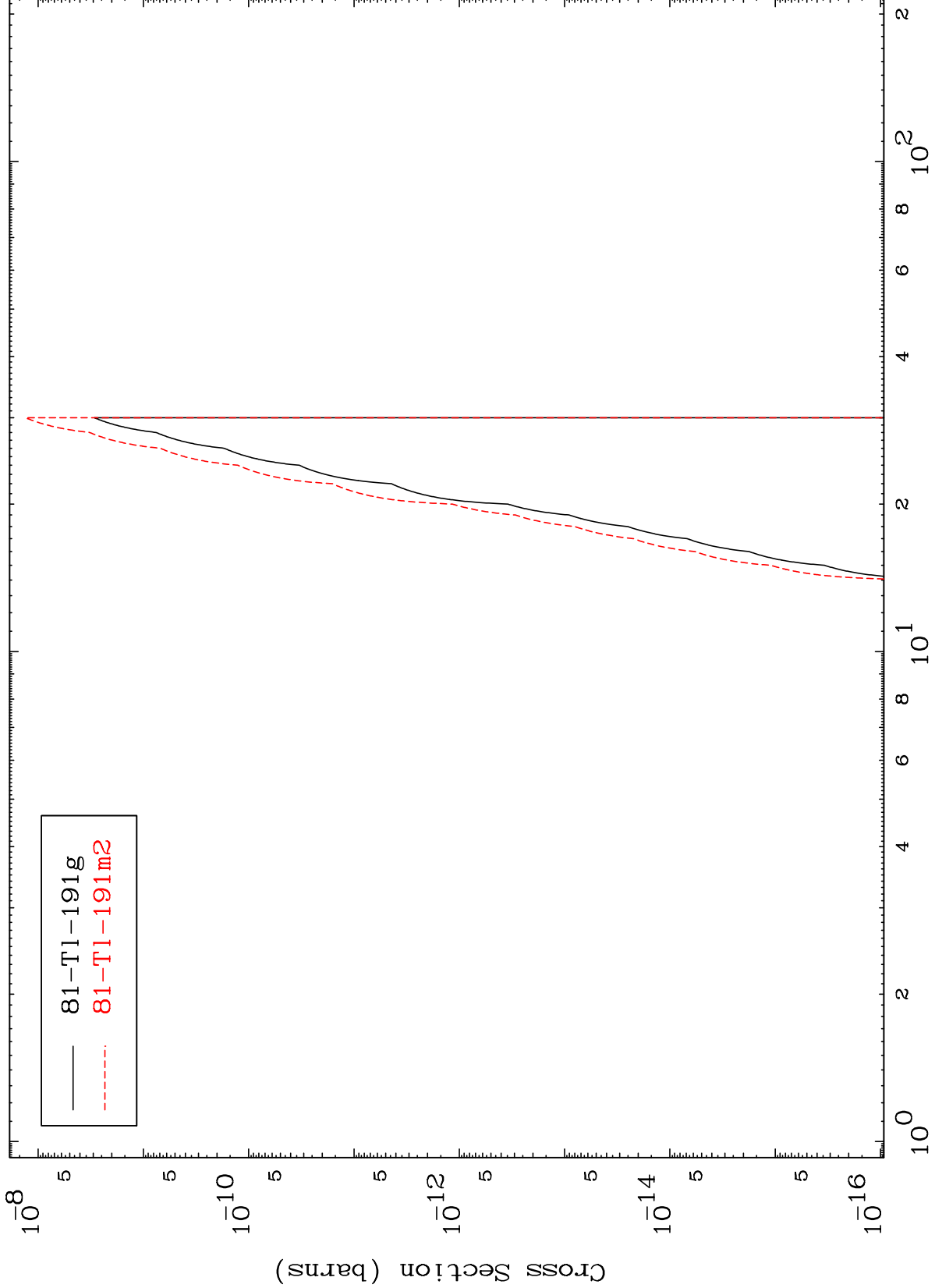
85-At-200

MAT 8518

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

85-At-200

Radionuclide Production Cross Section



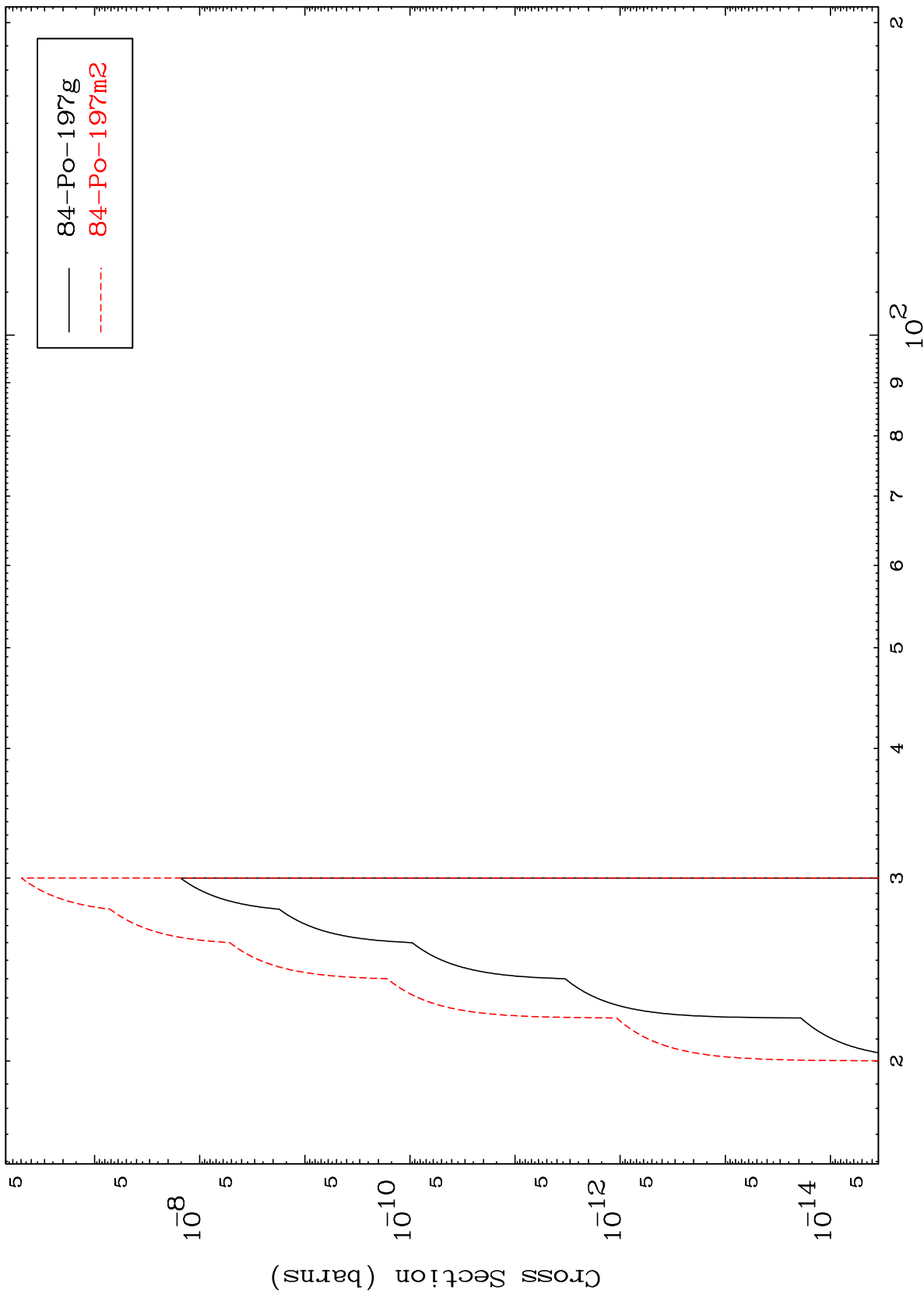
Incident Energy (MeV)

85-At-200

MAT 8518

85-At-200

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



18

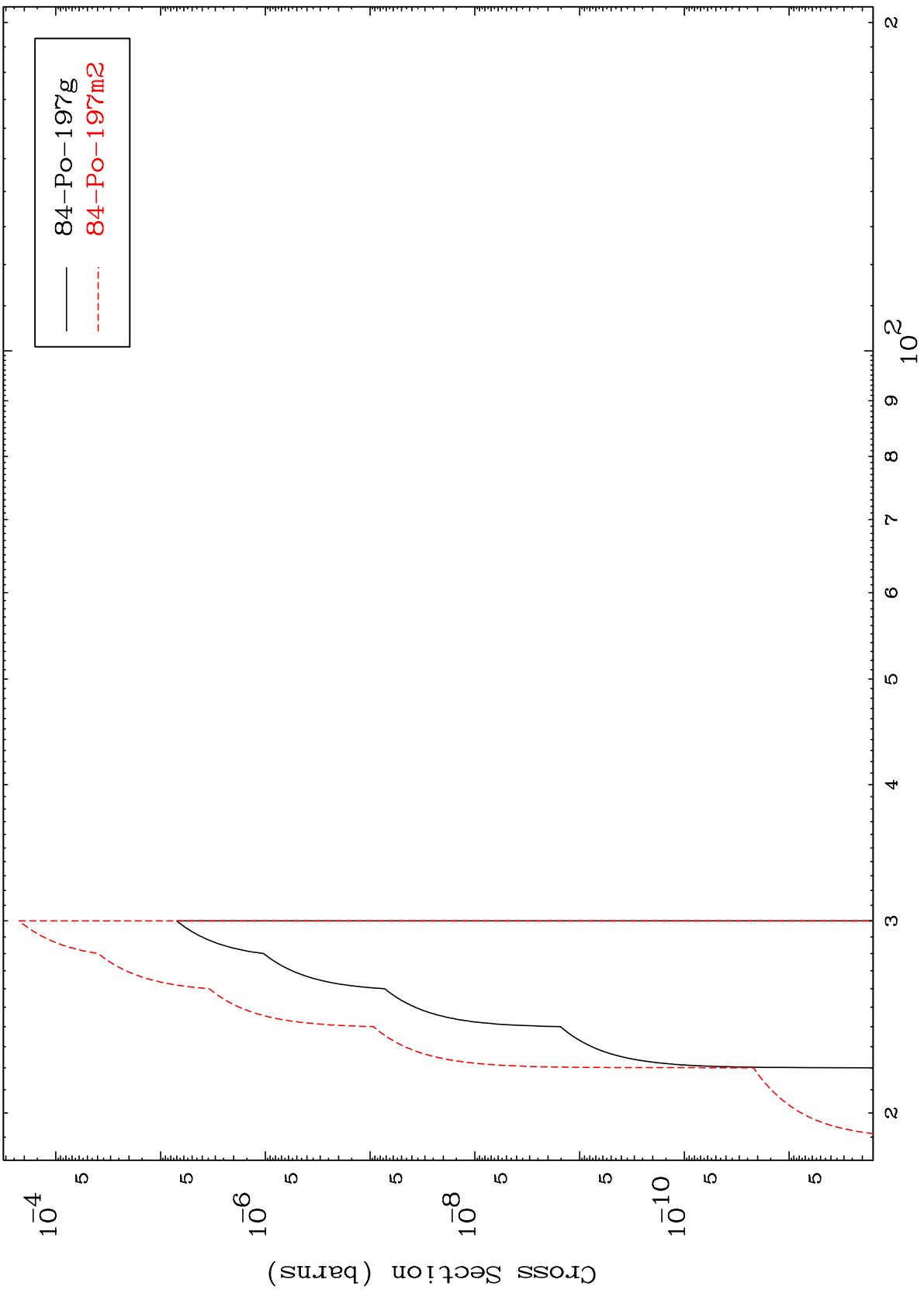
Incident Energy (MeV)

85-At-200

MAT 8518

85-At-200

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



19

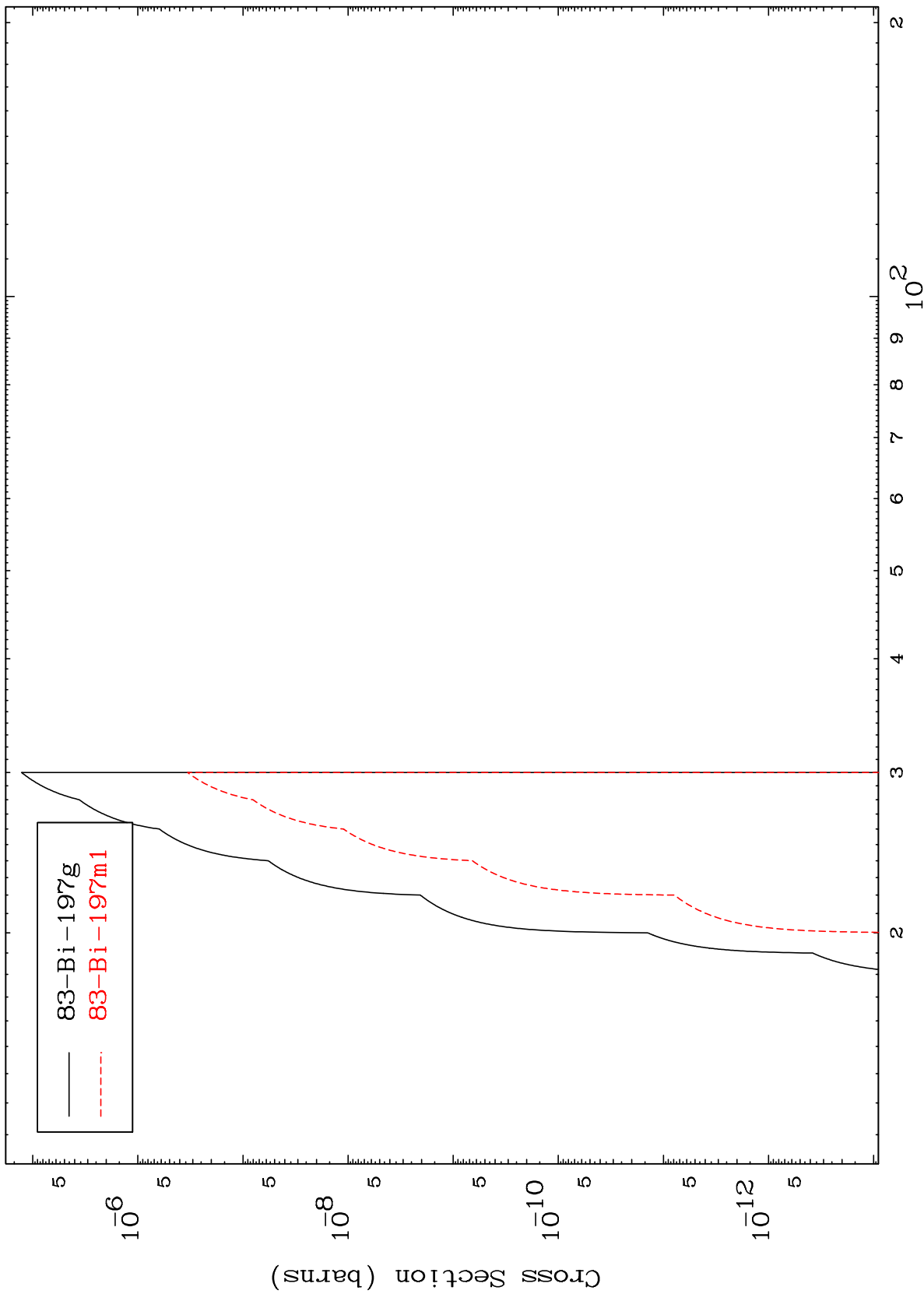
Incident Energy (MeV)

85-At-200

MAT 8518

85-At-200

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



Incident Energy (MeV)

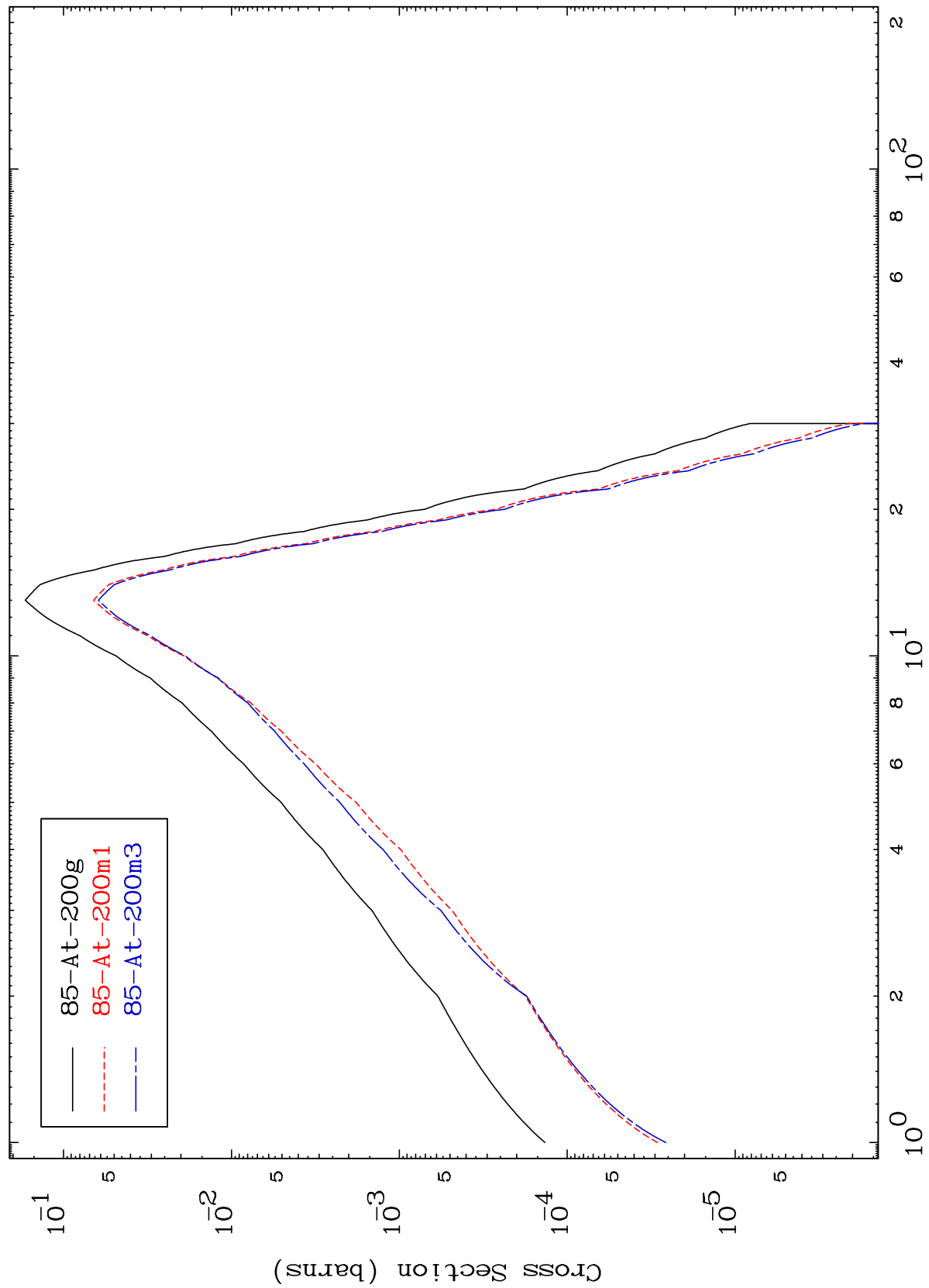
85-At-200

20

MAT 8518

85-At-200

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



85-At-200g  
85-At-200m1  
85-At-200m3

Incident Energy (MeV)

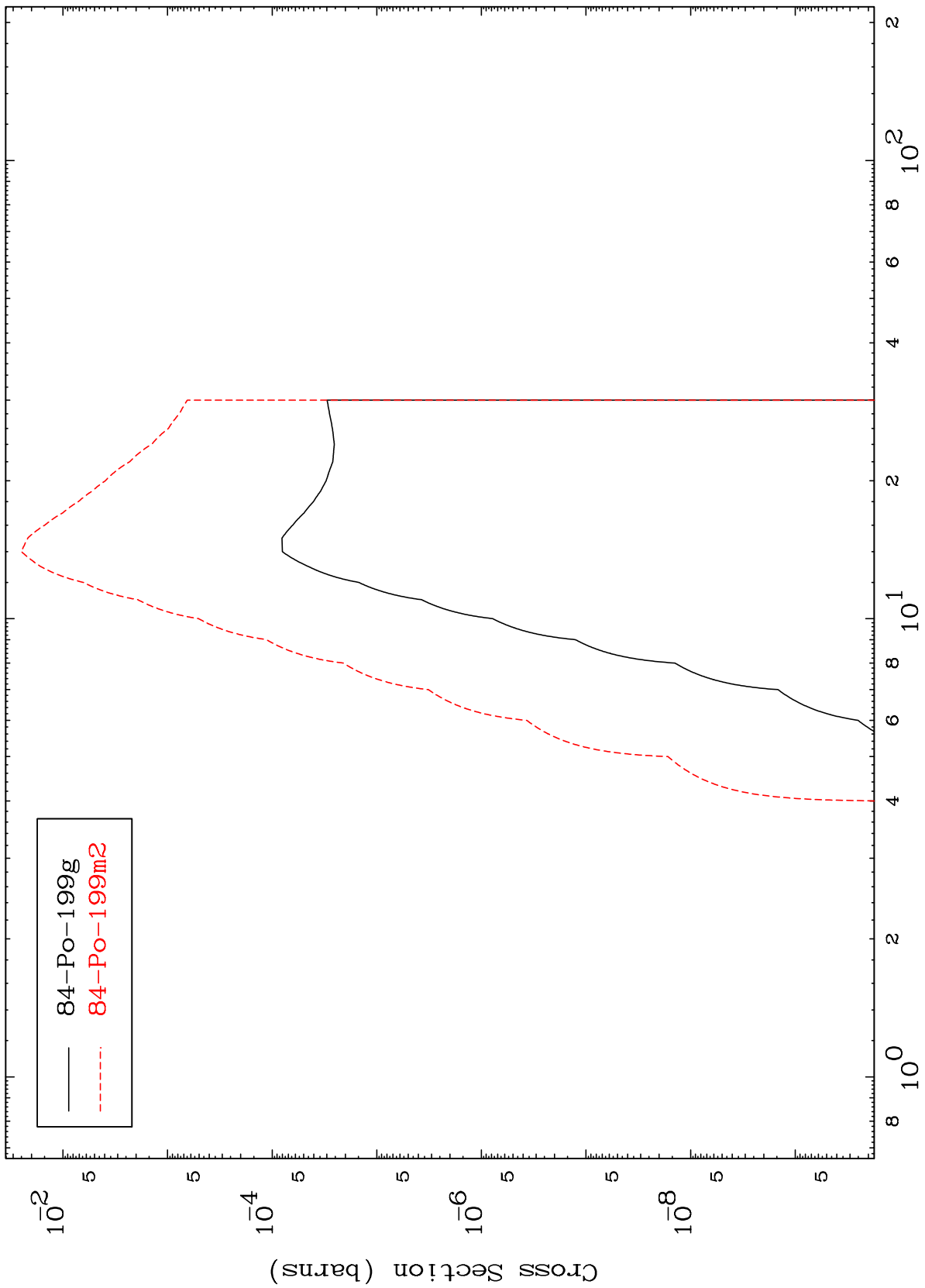
85-At-200

21

MAT 8518

85-At-200

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



22

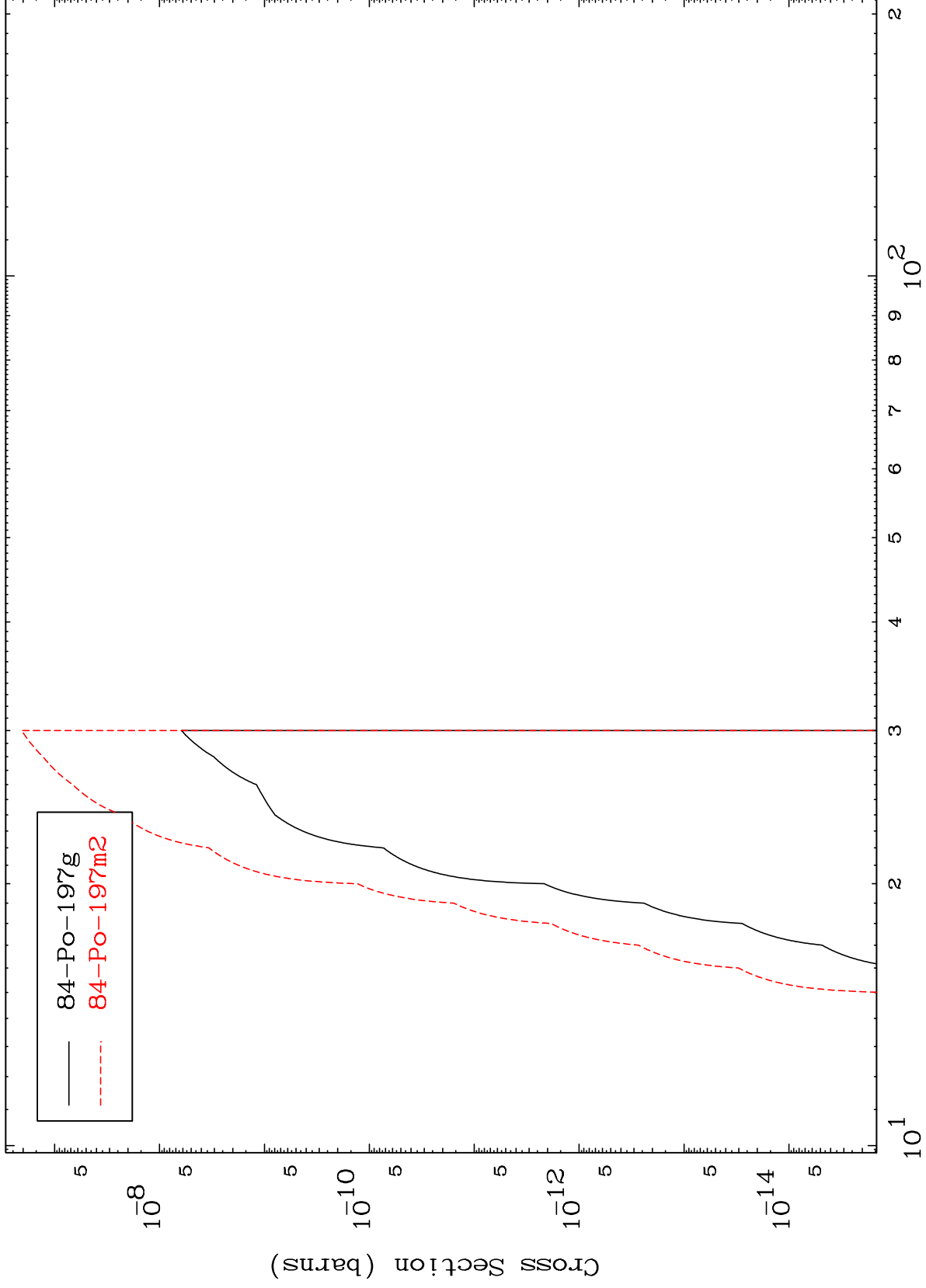
85-At-200

Incident Energy (MeV)

MAT 8518

85-At-200

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



85-At-200

Incident Energy (MeV)

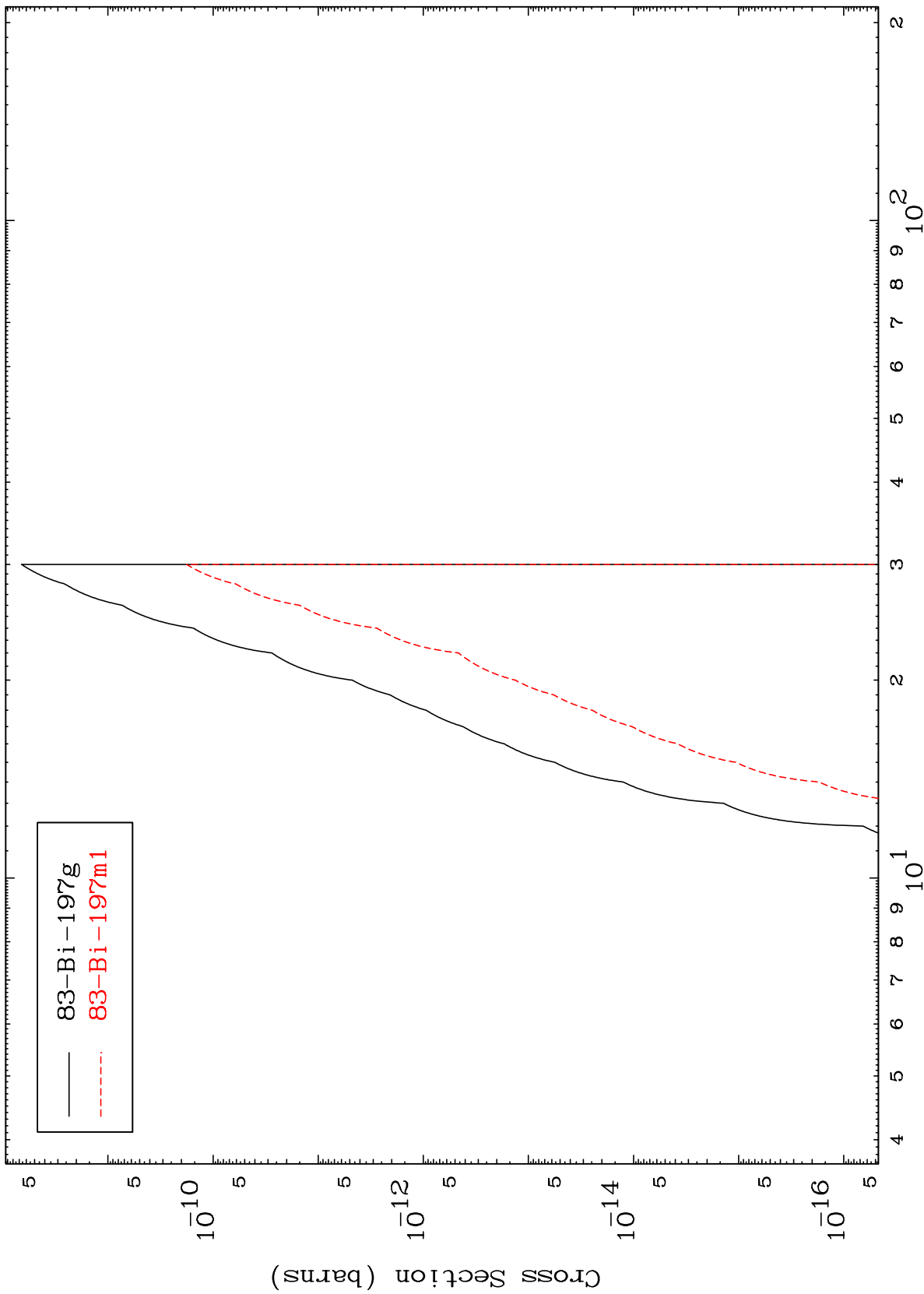
23



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85-At-200

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



24

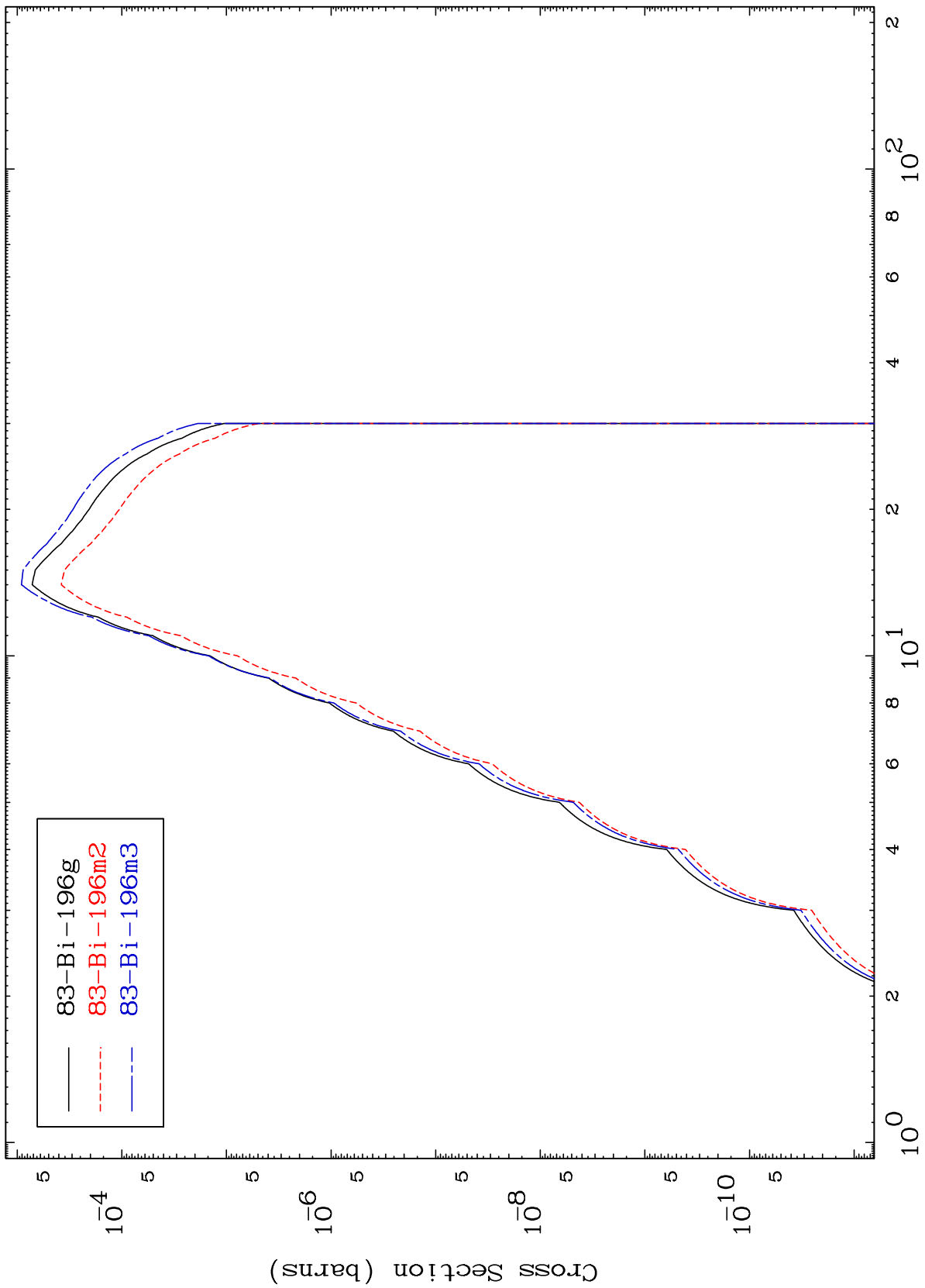
Incident Energy (MeV)

85-At-200

MAT 8518

85-At-200

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



83-Bi-196g  
83-Bi-196m2  
83-Bi-196m3

25

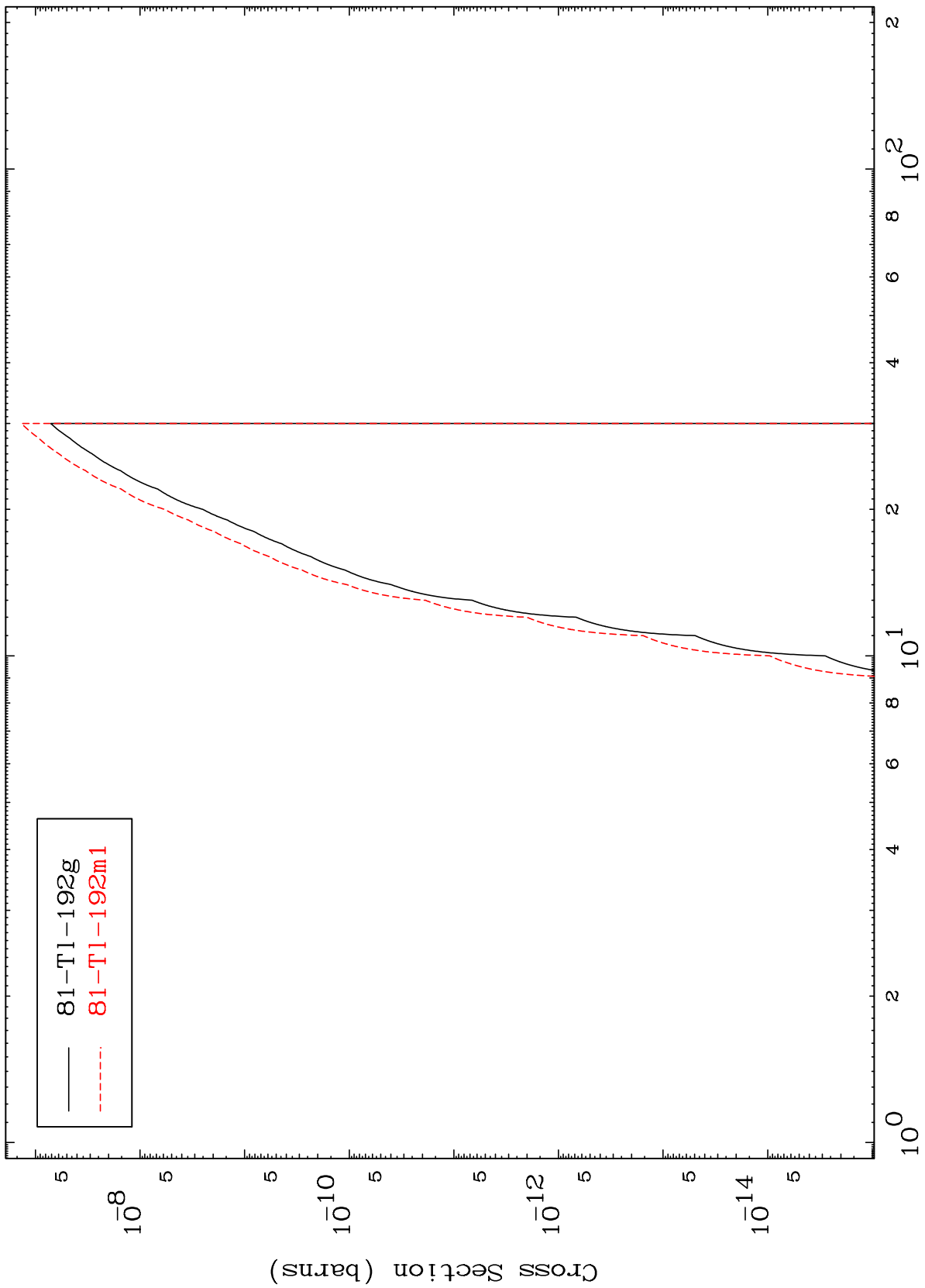
Incident Energy (MeV)

85-At-200

MAT 8518

85-At-200

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



26

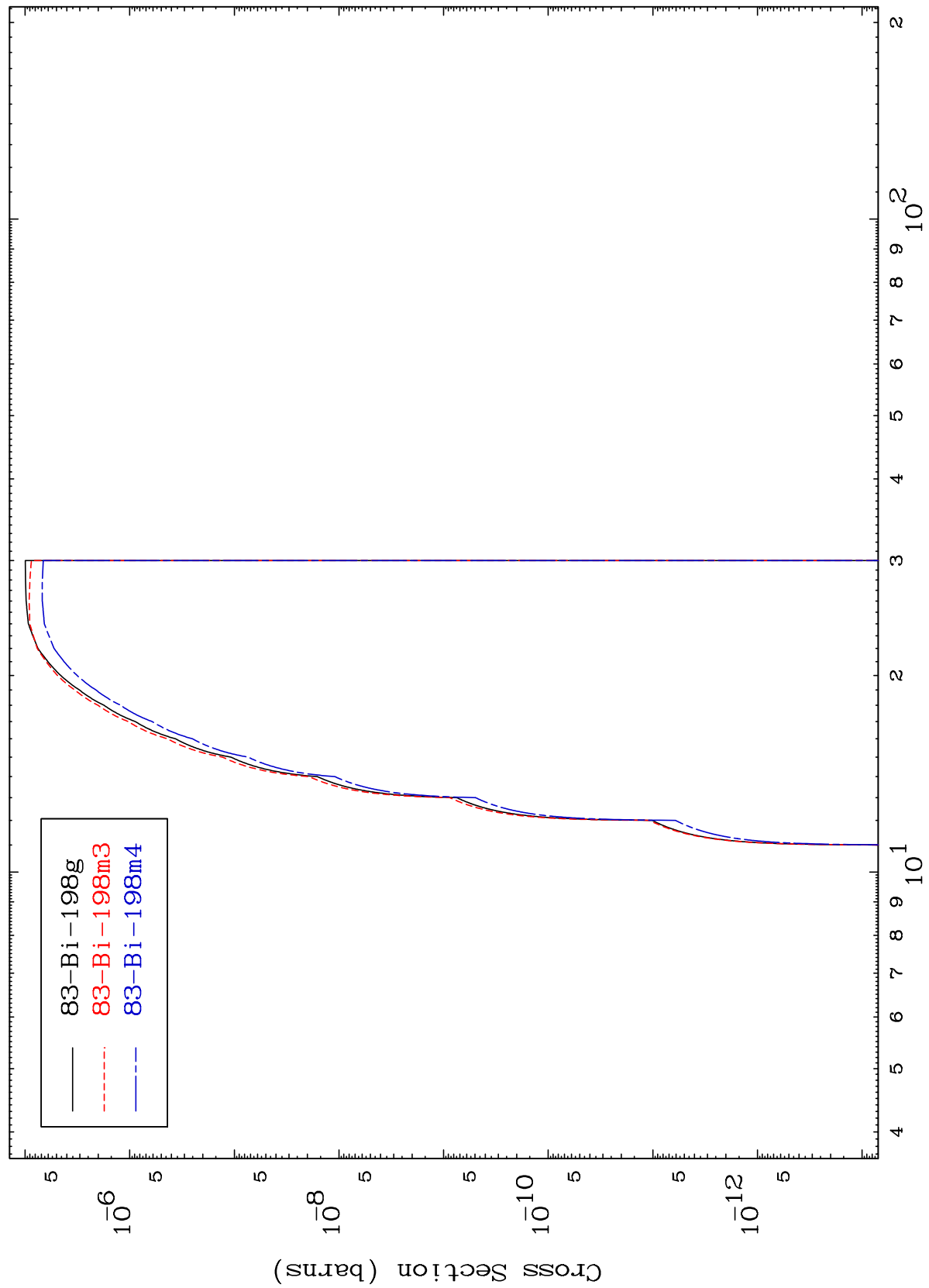
Incident Energy (MeV)

85-At-200

MAT 8518

85-At-200

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



27

Incident Energy (MeV)

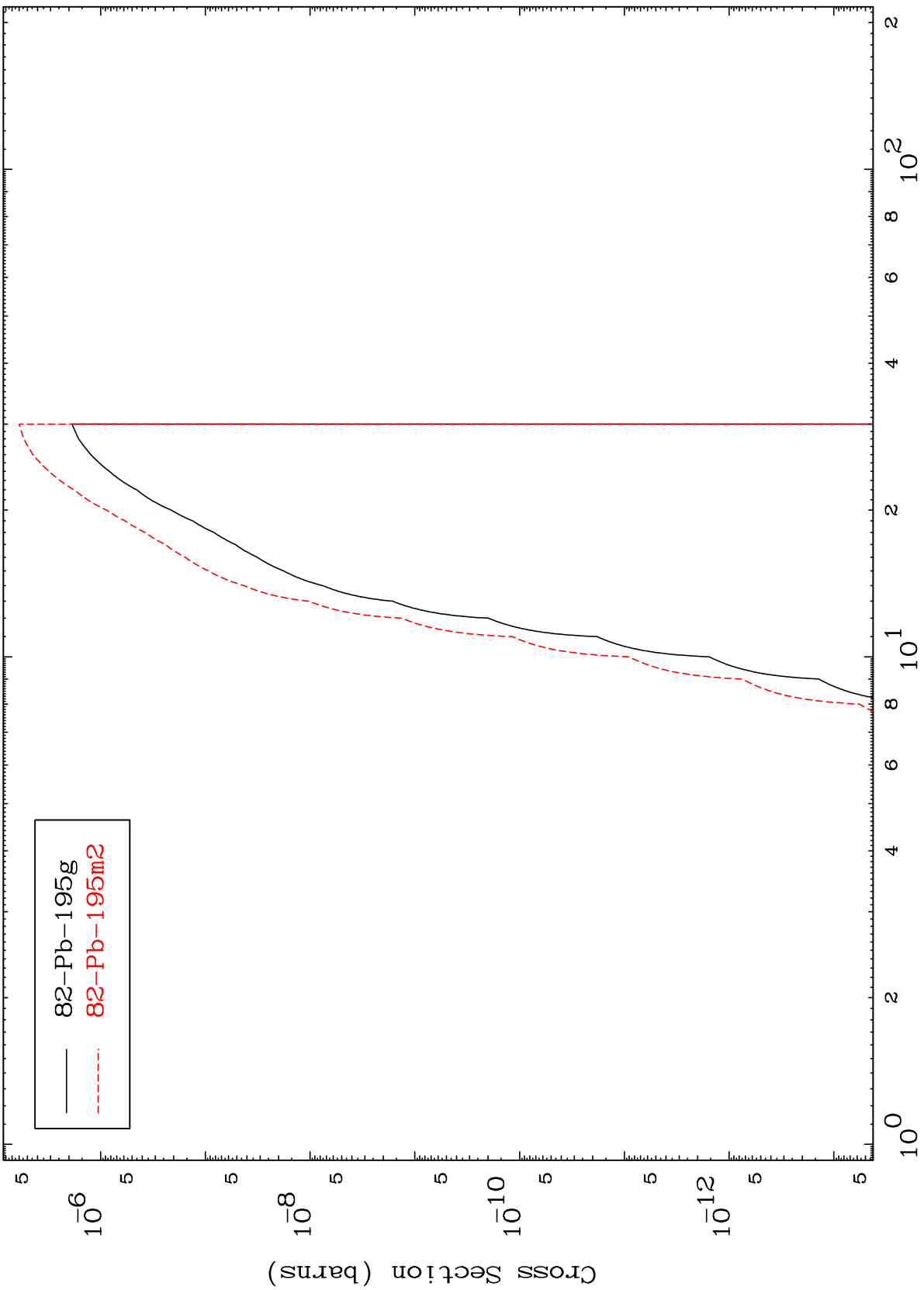
85-At-200

MAT 8518

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

85-At-200

Radionuclide Production Cross Section



28

Incident Energy (MeV)

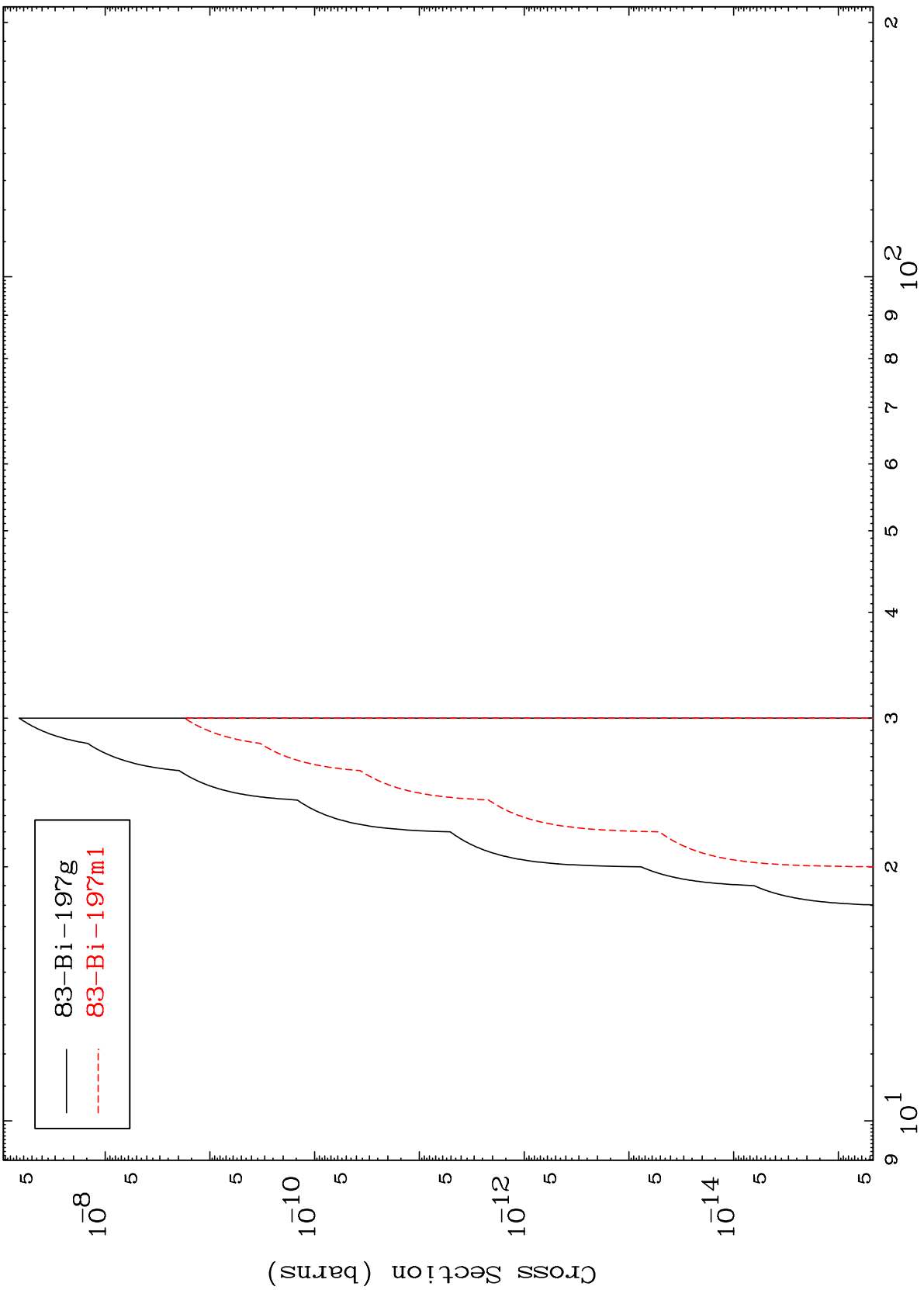
85-At-200

MAT 8518

( $\gamma, p$ ) d

85-At-200

Radionuclide Production Cross Section



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

29

Incident Energy (MeV)

85-At-200