

Program EVALPLOT  
(Version 2021-1)

by

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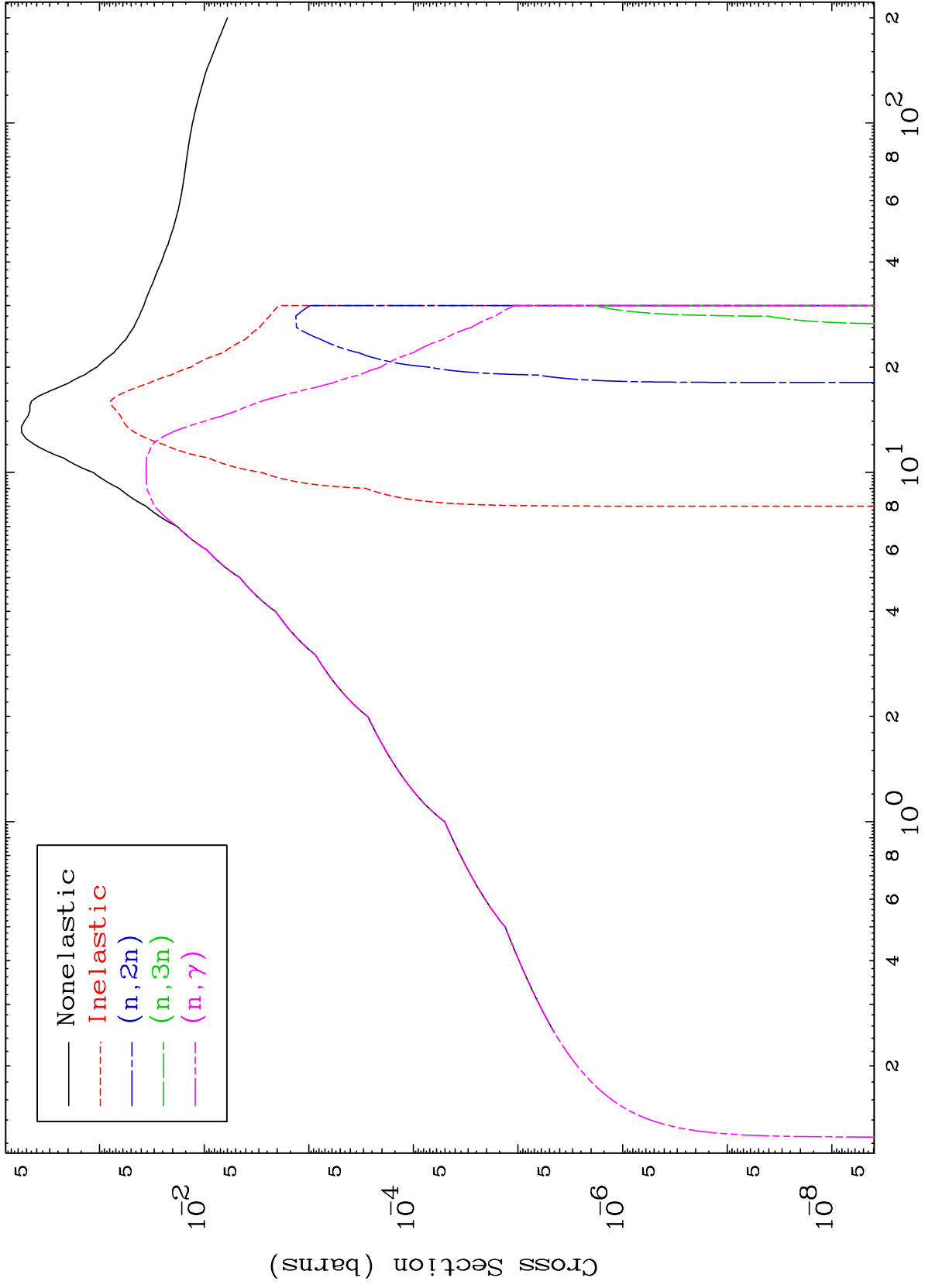
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8518

Photon Major  
0 Kelvin Cross Sections

85-At-200n

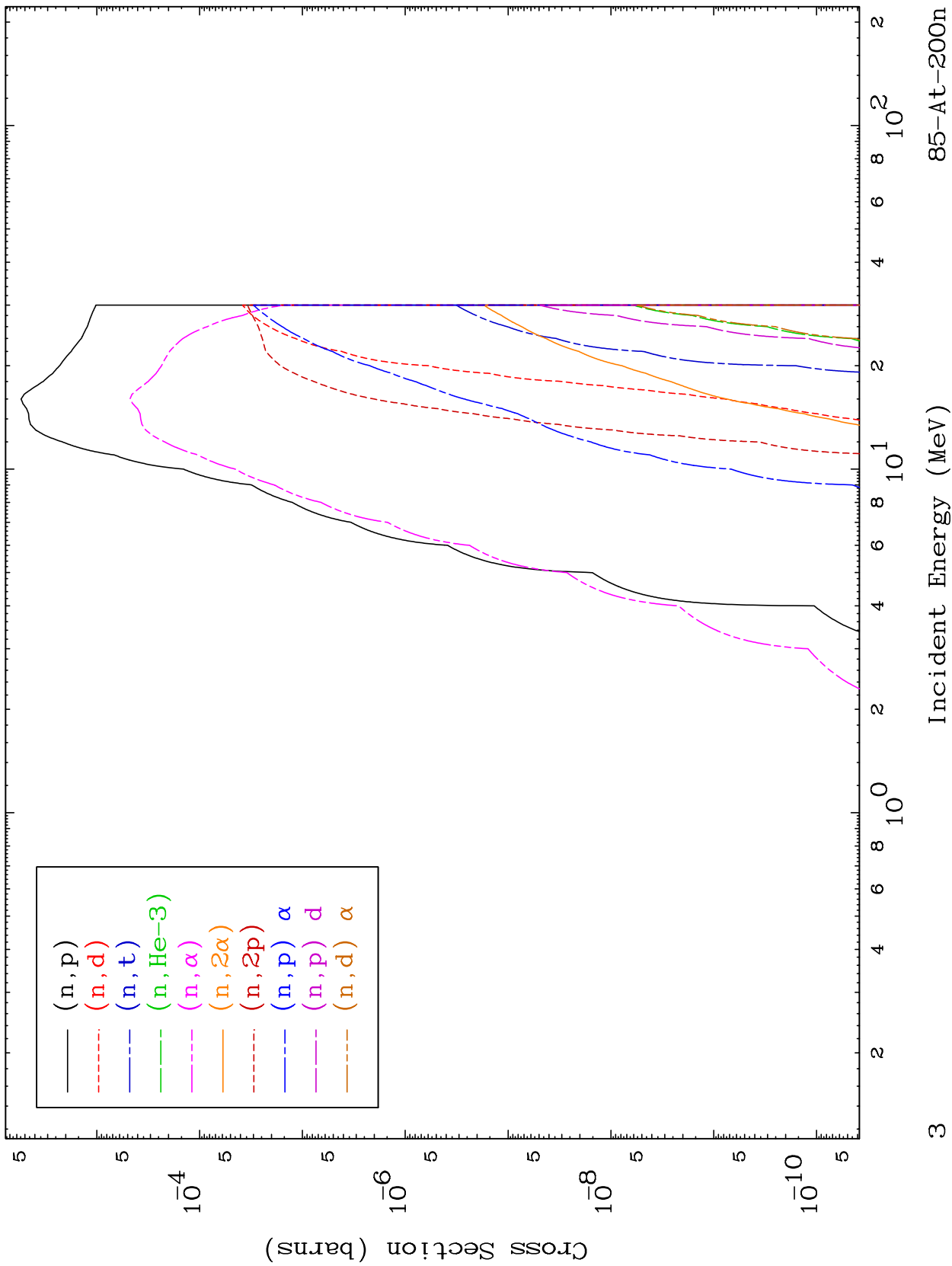




MAT 8518

Photon Neutron Absorption  
0 Kelvin Cross Sections

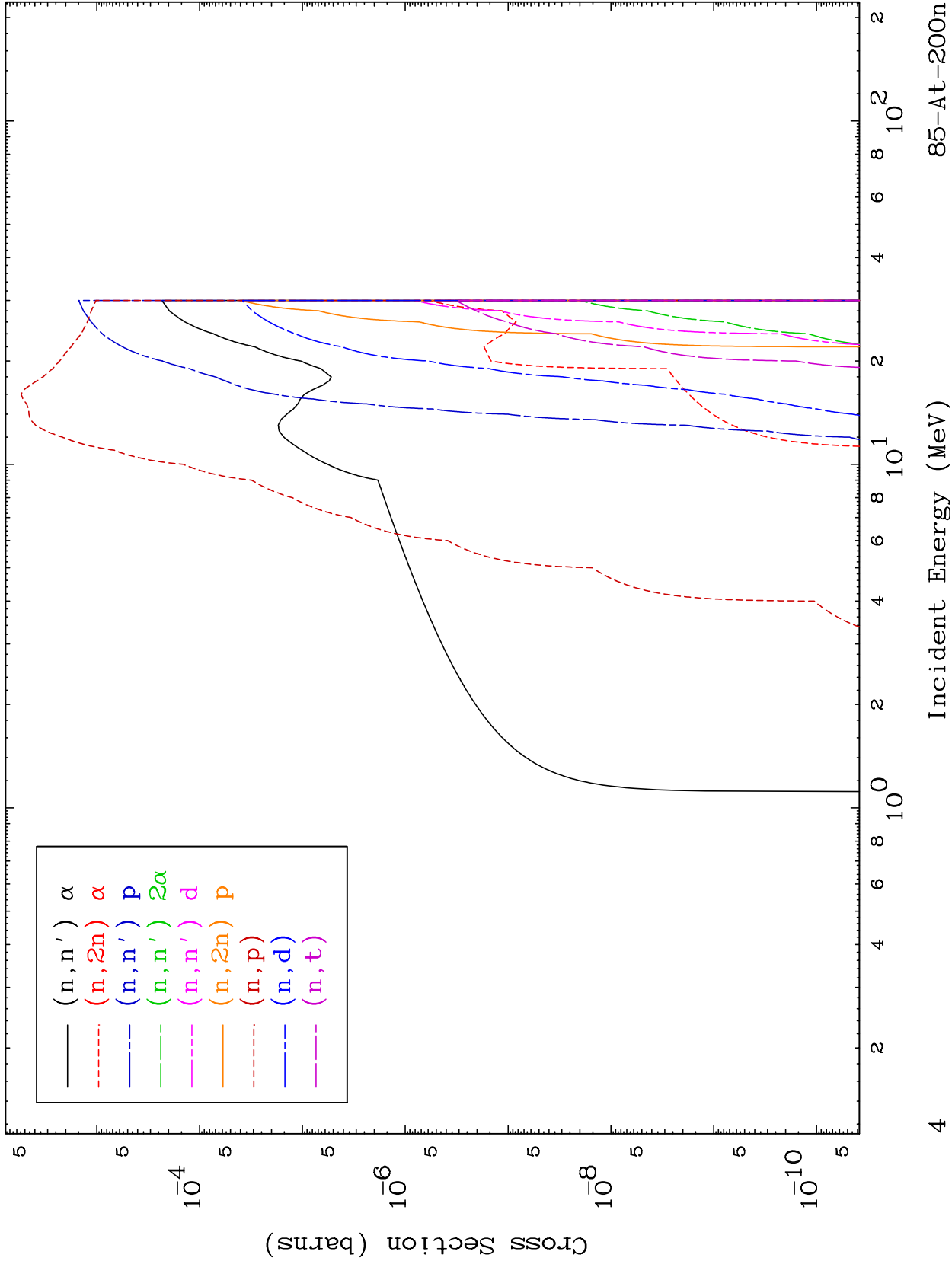
85-At-200n



MAT 8518

Photon Charged Particle  
0 Kelvin Cross Sections

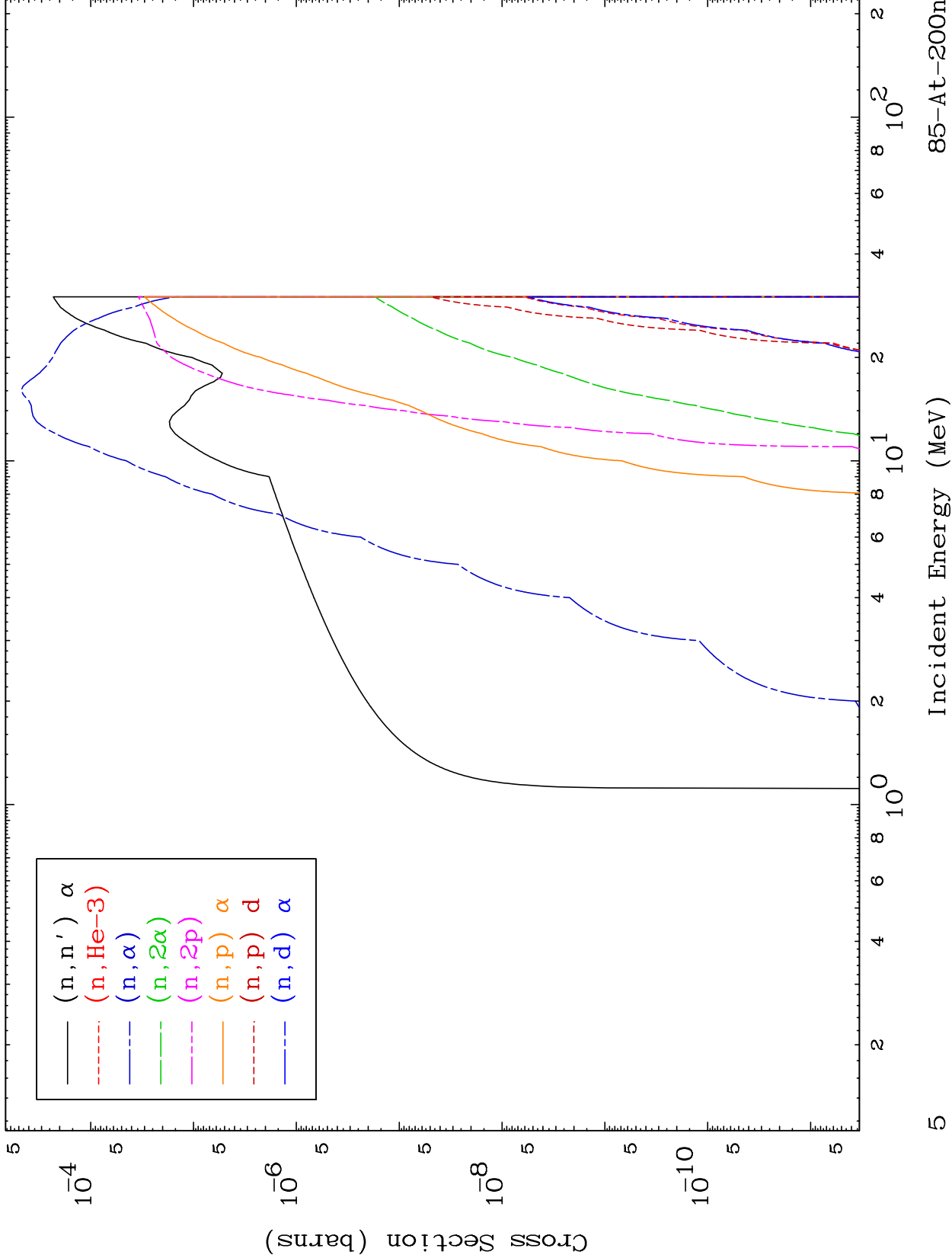
85-At-200n



MAT 8518

Photon Charged Particle  
0 Kelvin Cross Sections

85-At-200n

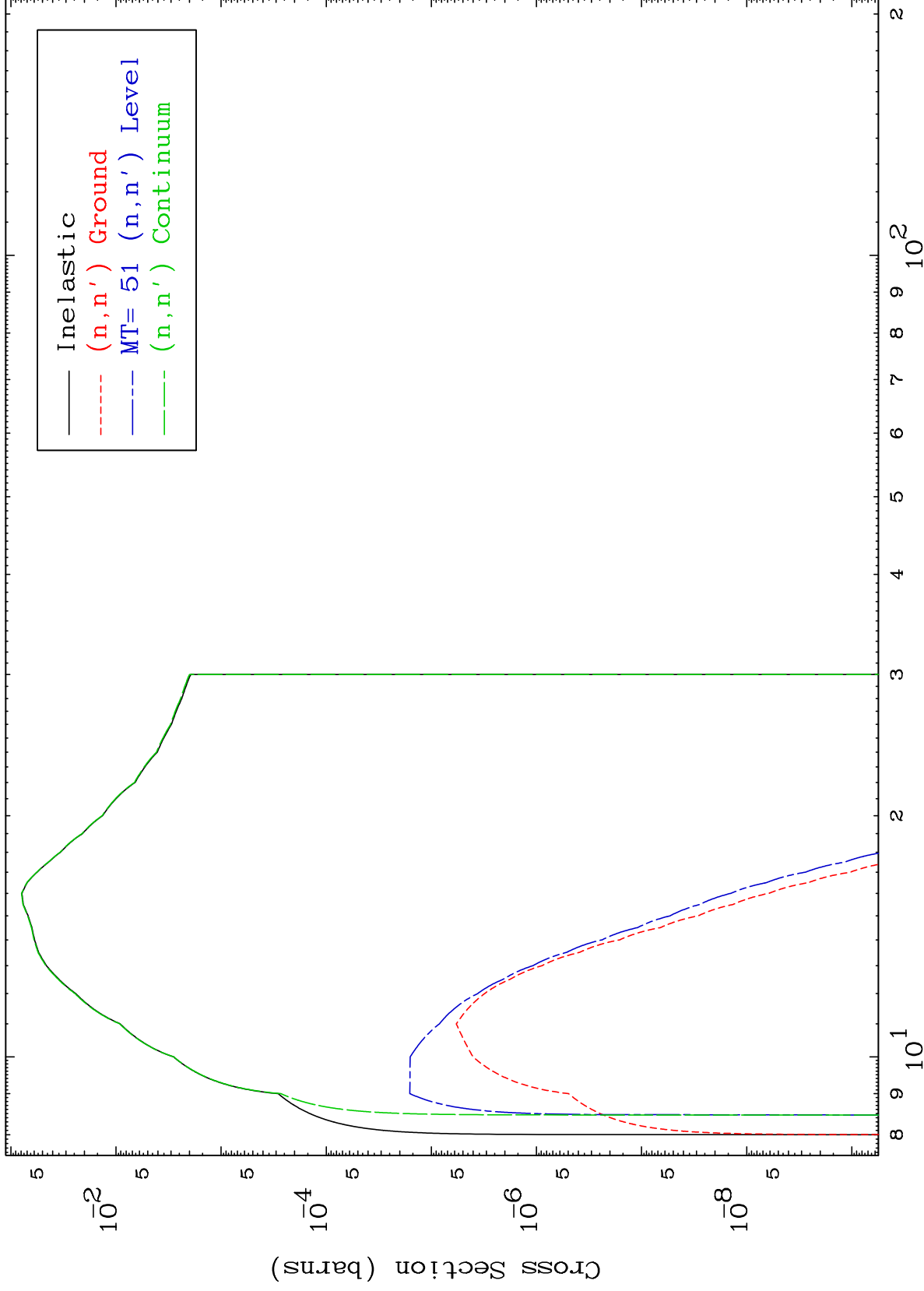


MAT 8518

( $\gamma, n'$ ) Levels

85-At-200n

0 Kelvin Cross Sections



Incident Energy (MeV)

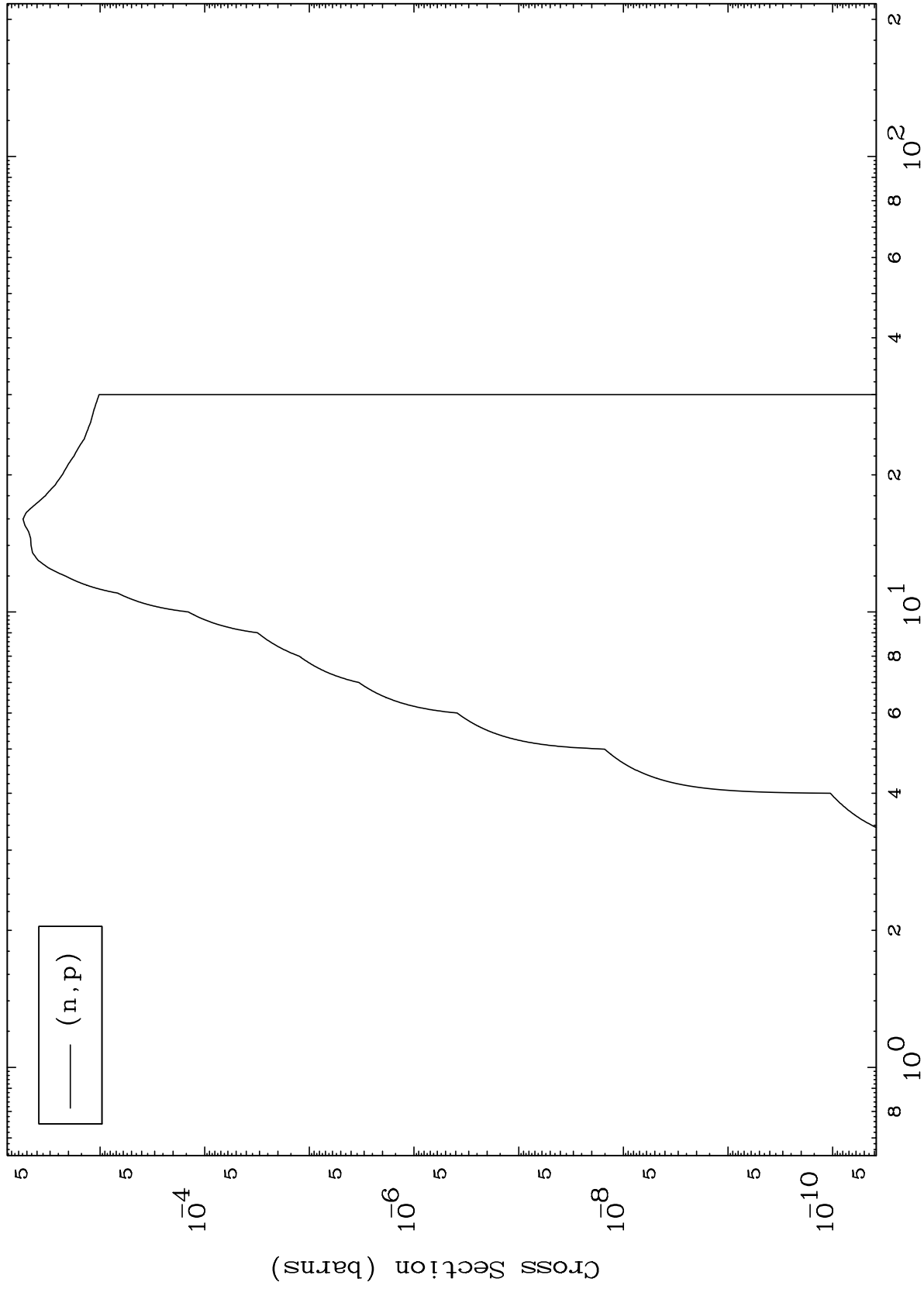
85-At-200n

MAT 8518

( $\gamma, p$ ) Levels

85-At-200n

0 Kelvin Cross Sections



7

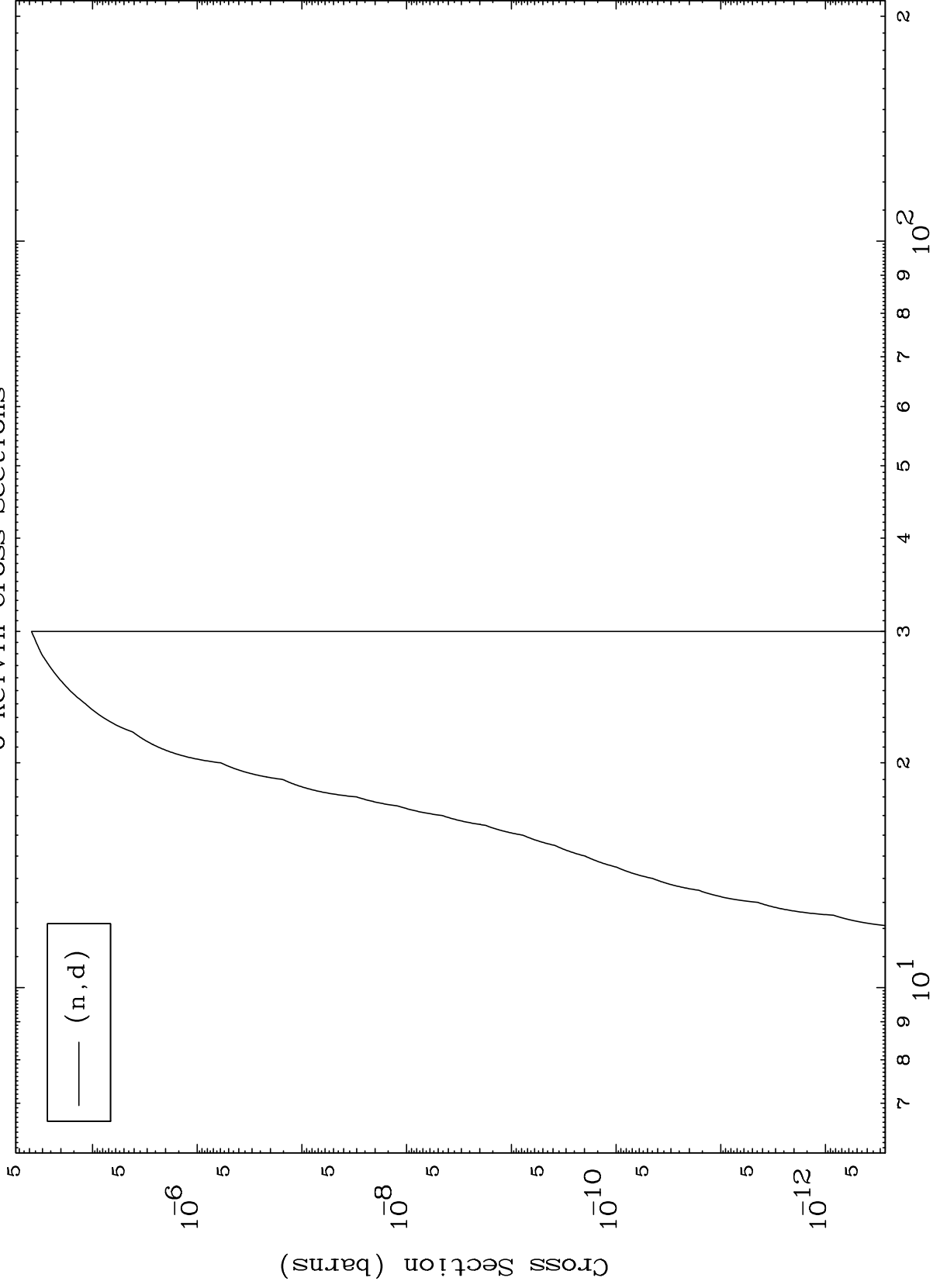
Incident Energy (MeV)

85-At-200n

MAT 8518

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

85-At-200n



8

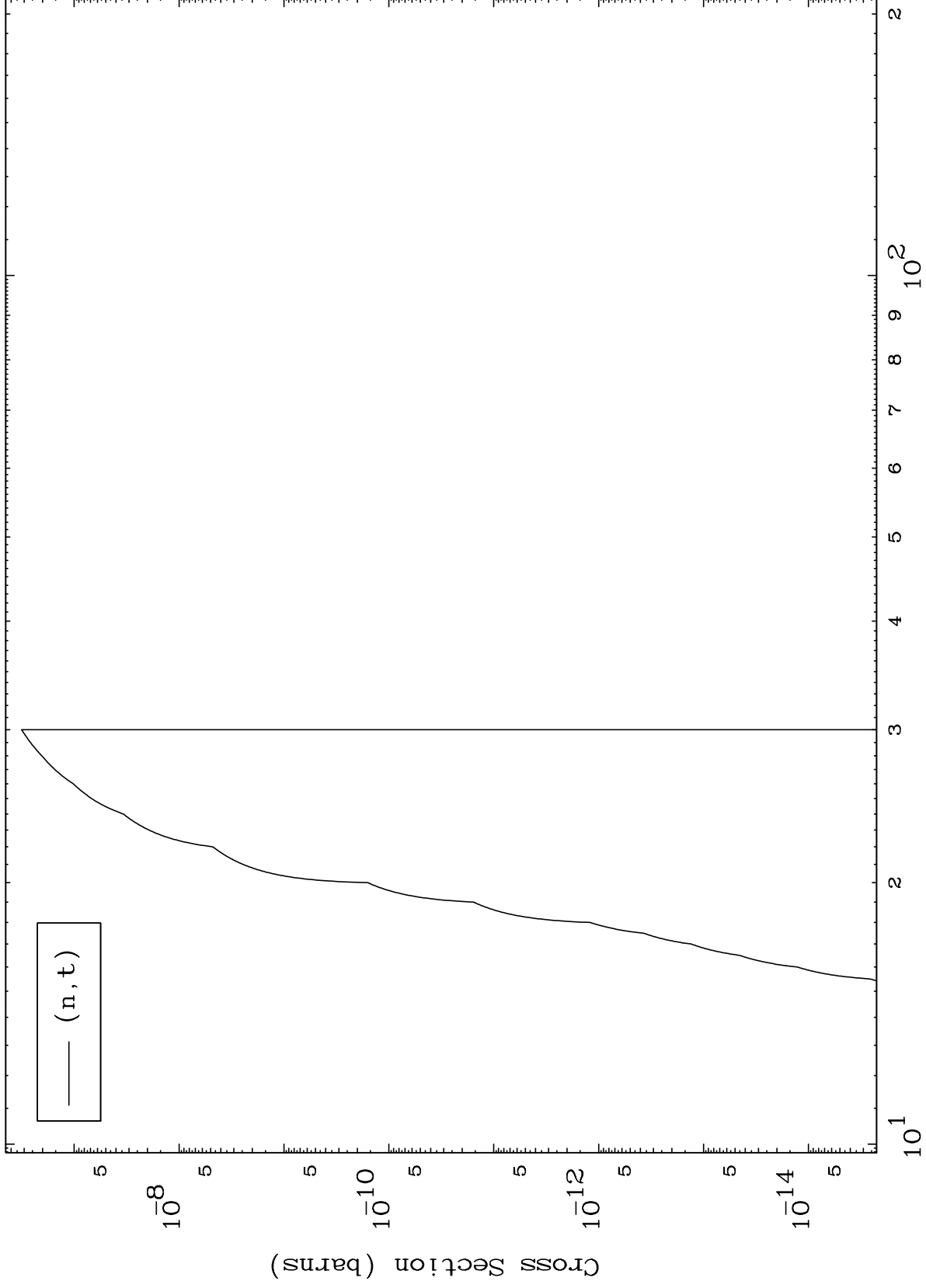
Incident Energy (MeV)

85-At-200n

MAT 8518

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

85-At-200n



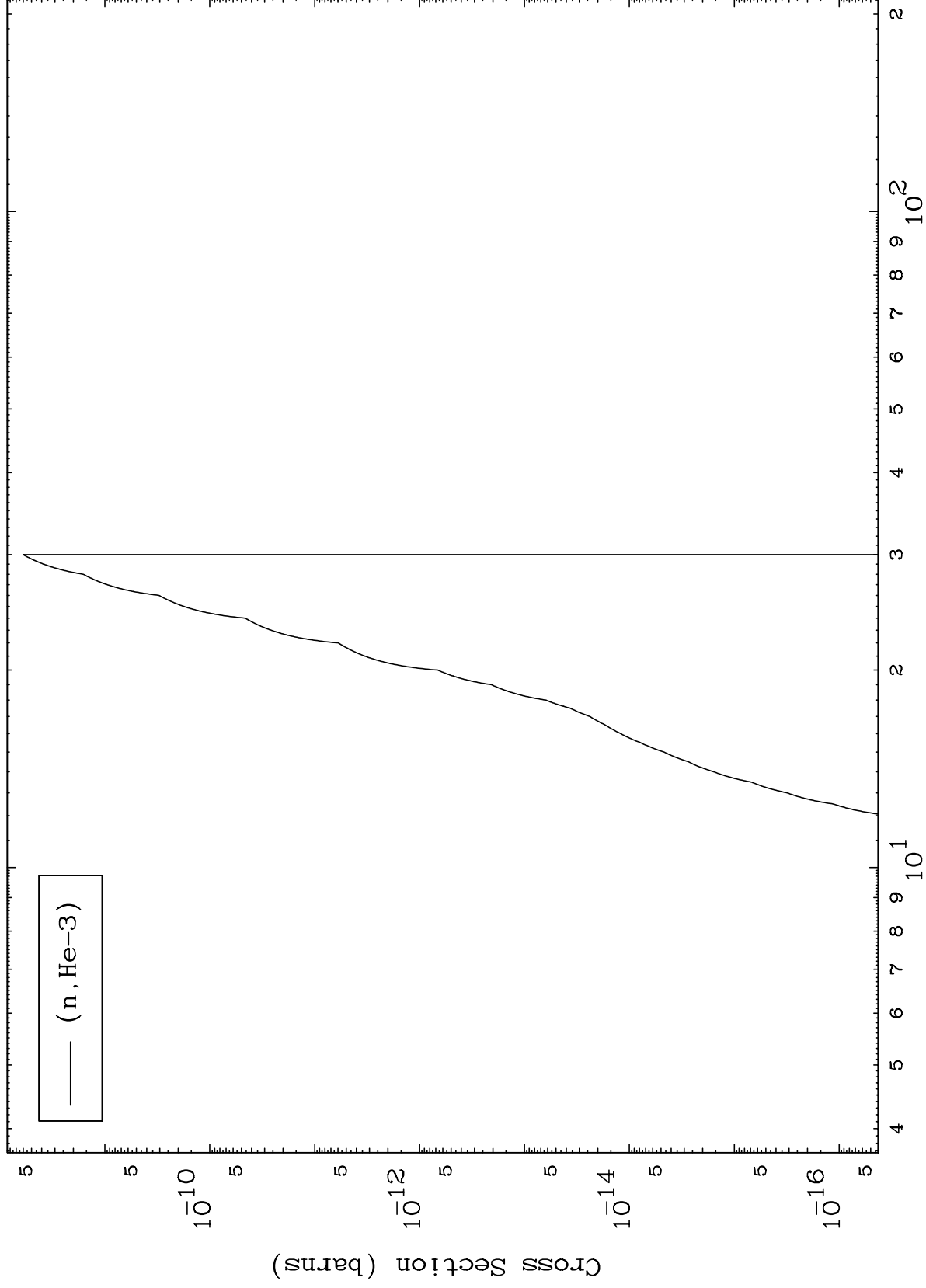
Incident Energy (MeV)

85-At-200n

MAT 8518

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

85-At-200n



10

Incident Energy (MeV)

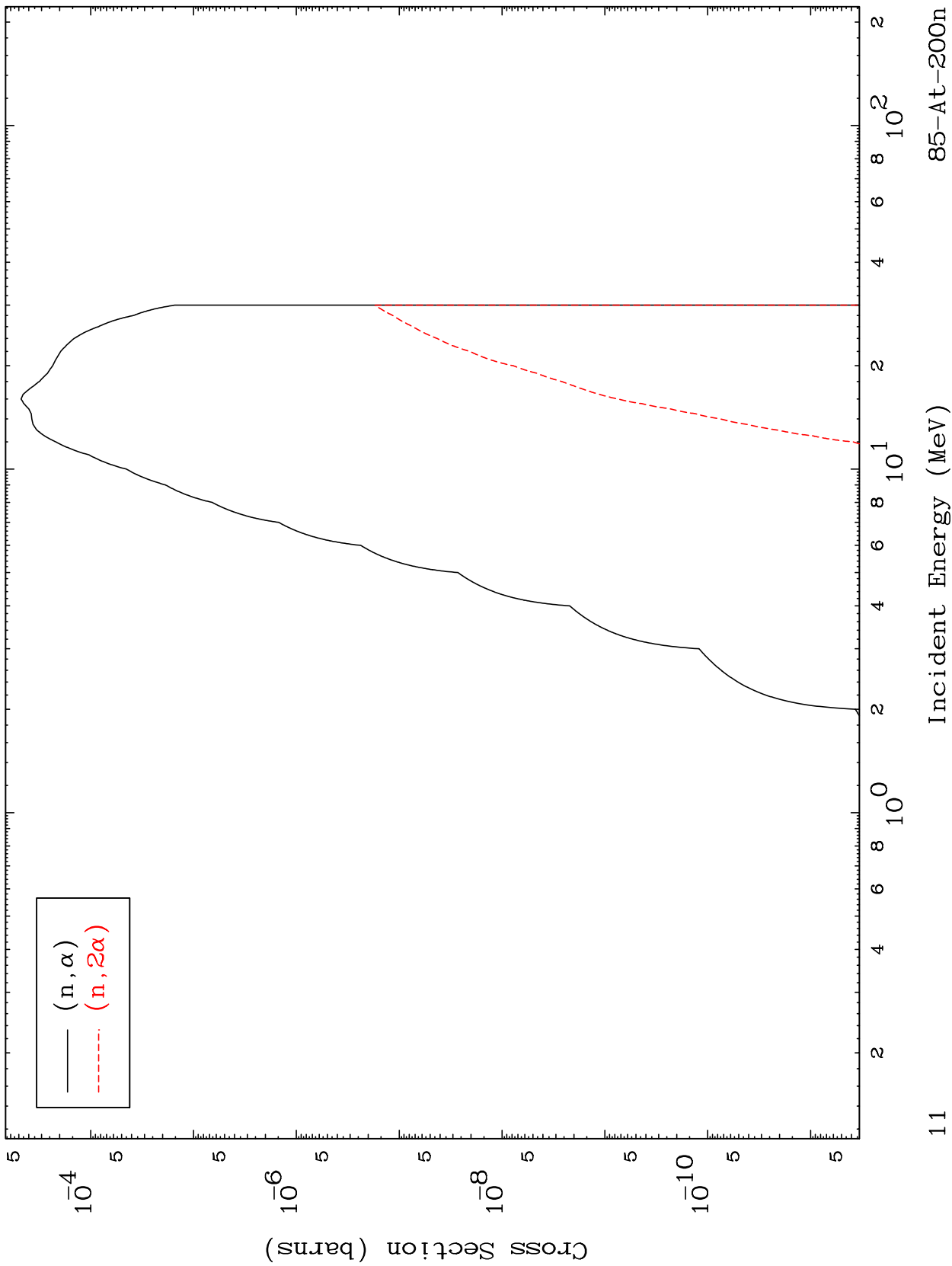
85-At-200n

MAT 8518

( $\gamma, \alpha$ ) Levels

85-At-200n

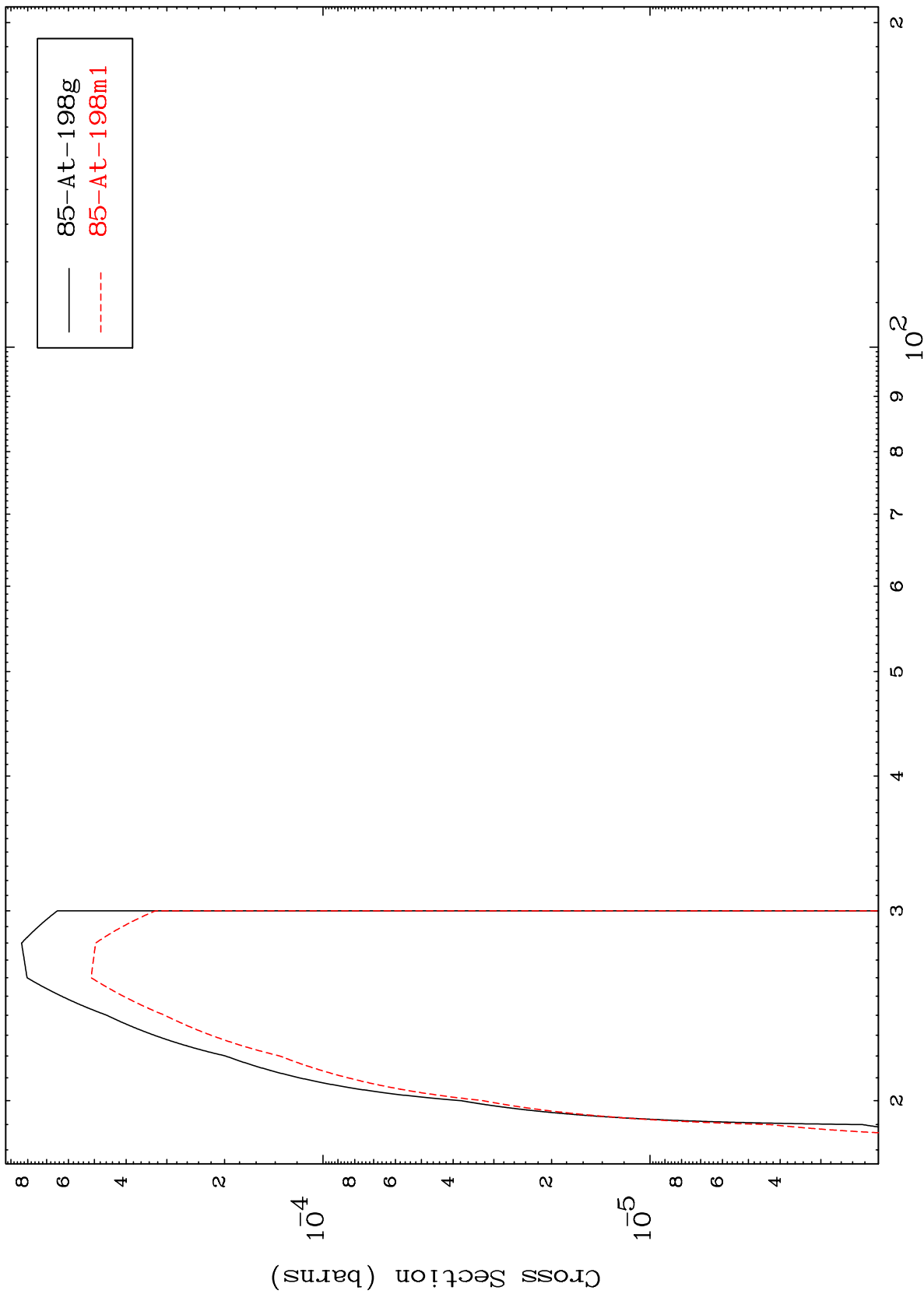
0 Kelvin Cross Sections



MAT 8518

85-At-200n

(n,2n)  
Radionuclide Production Cross Section



12

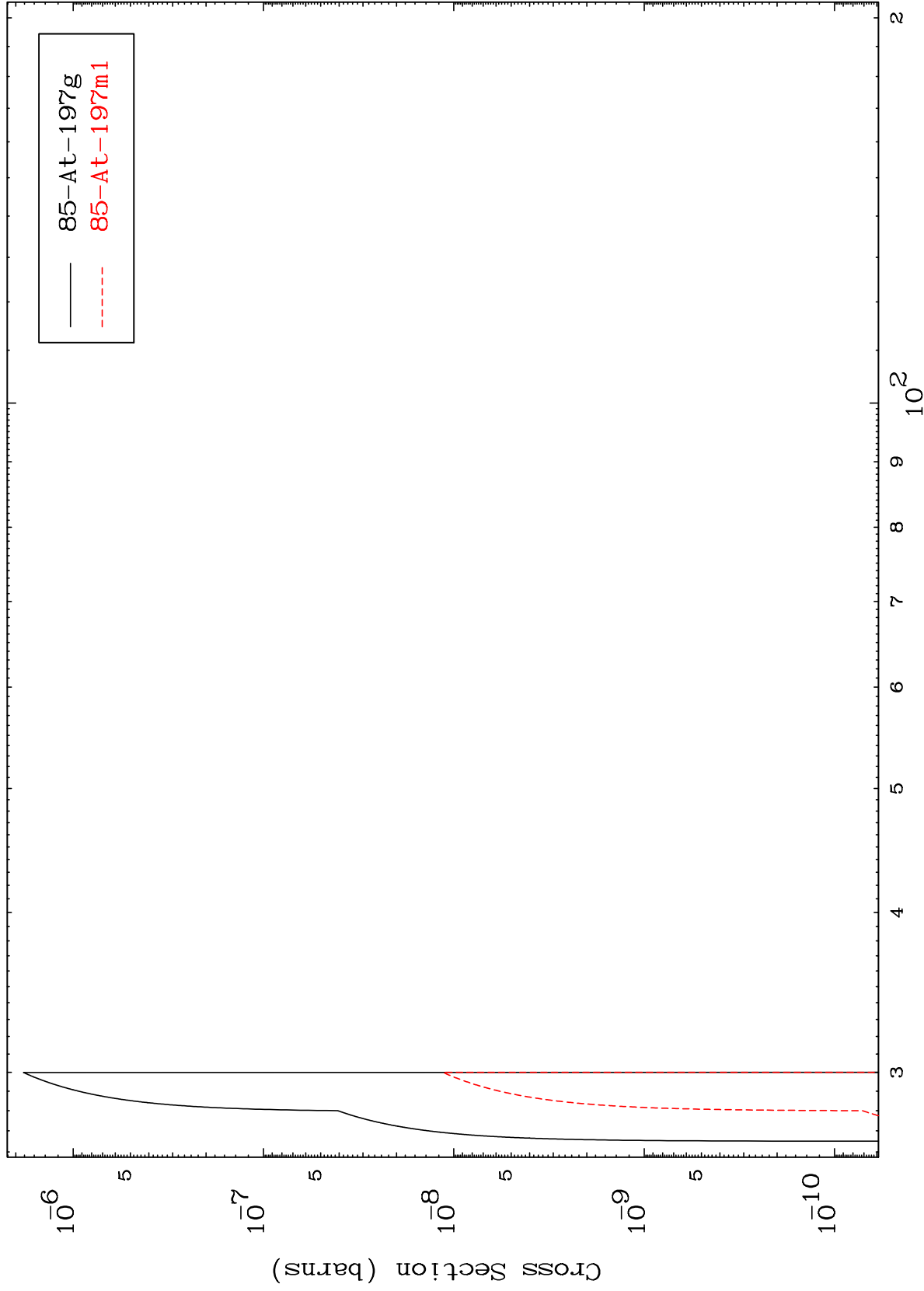
Incident Energy (MeV)

85-At-200n

MAT 8518

85-At-200n

(n,3n)  
Radionuclide Production Cross Section



13

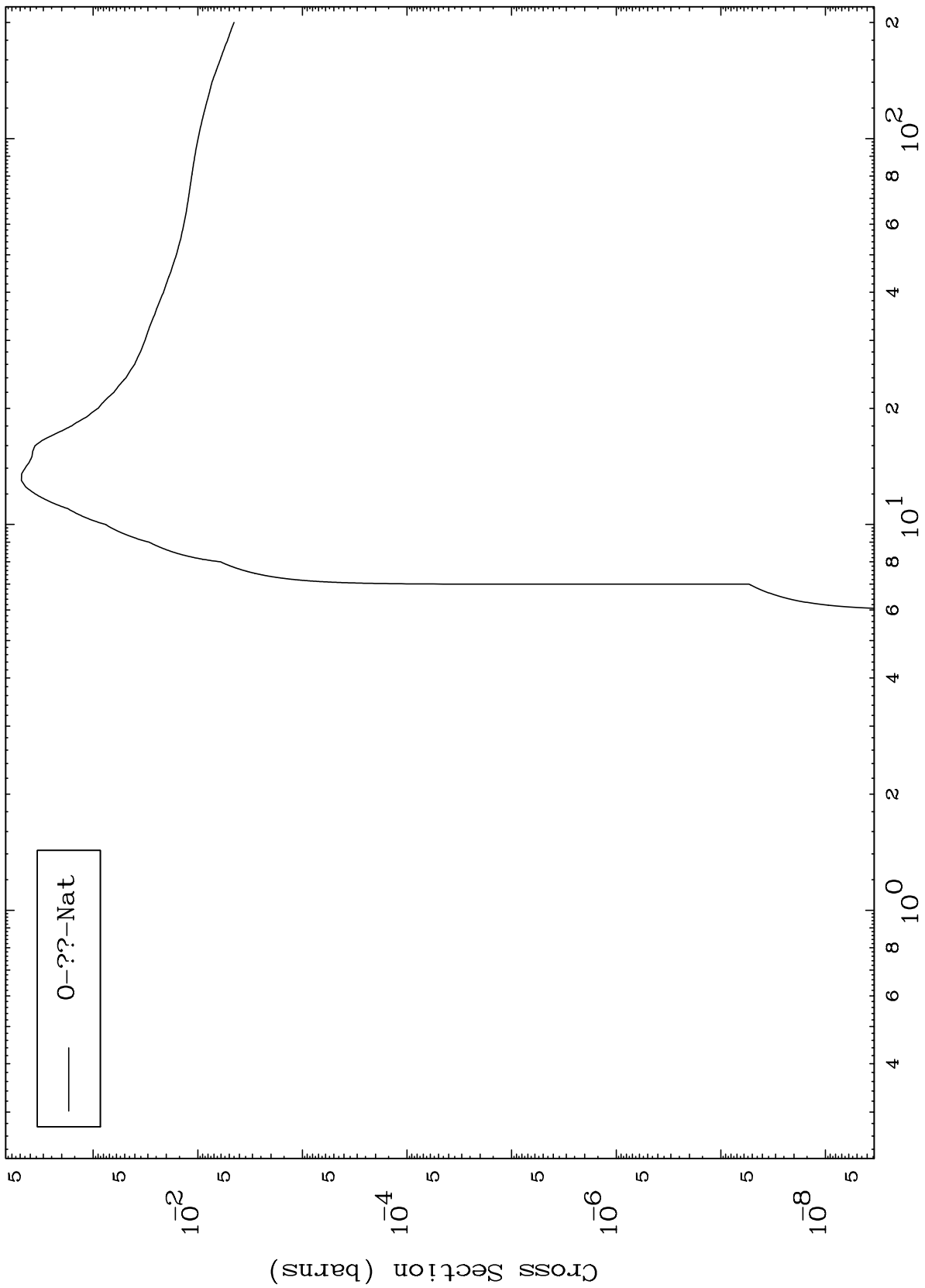
Incident Energy (MeV)

85-At-200n

MAT 8518

85-At-200n

Fission  
Radionuclide Production Cross Section



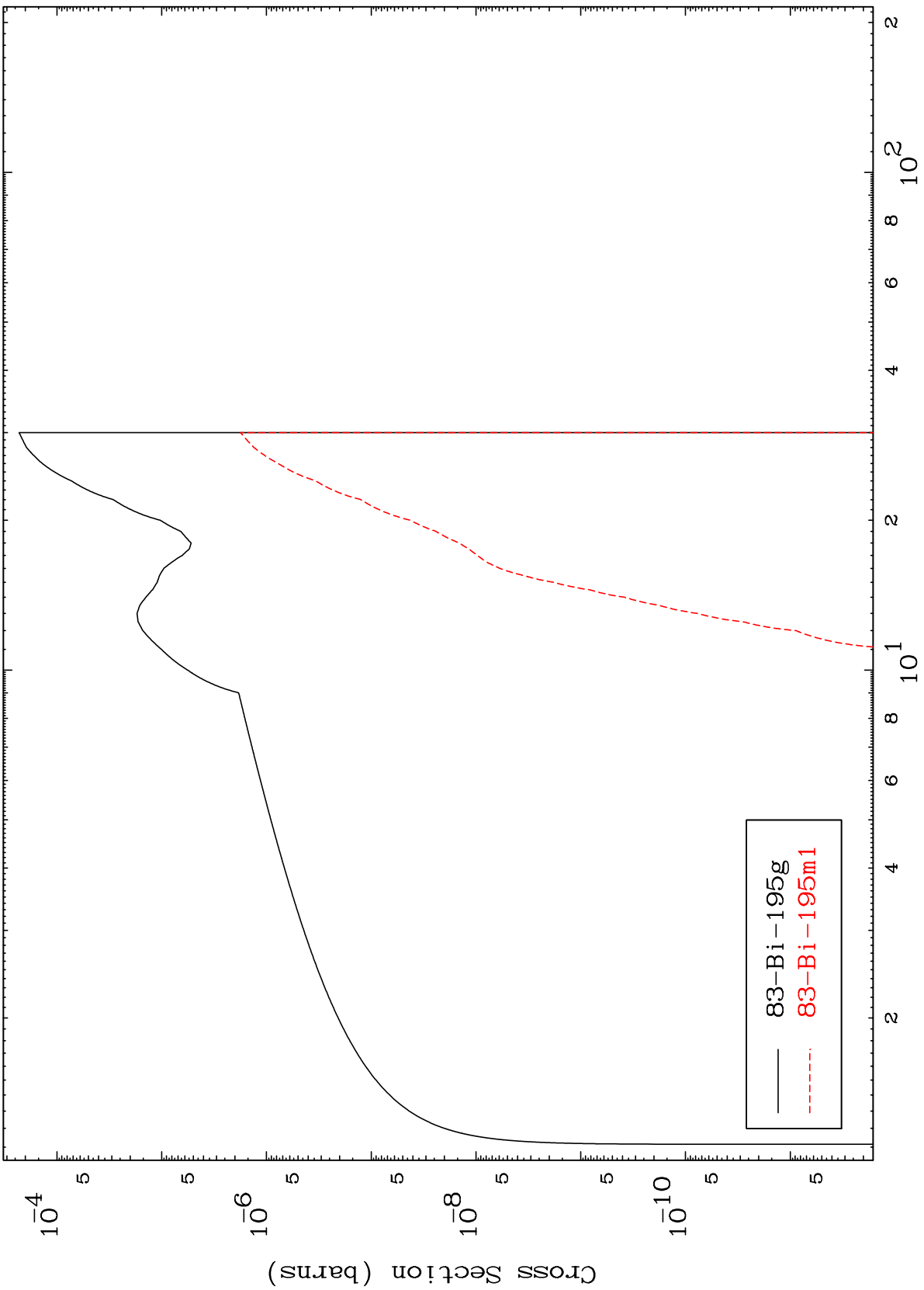
— 0-??-Nat

MAT 8518

$(n, n') \alpha$

85-At-200n

Radionuclide Production Cross Section

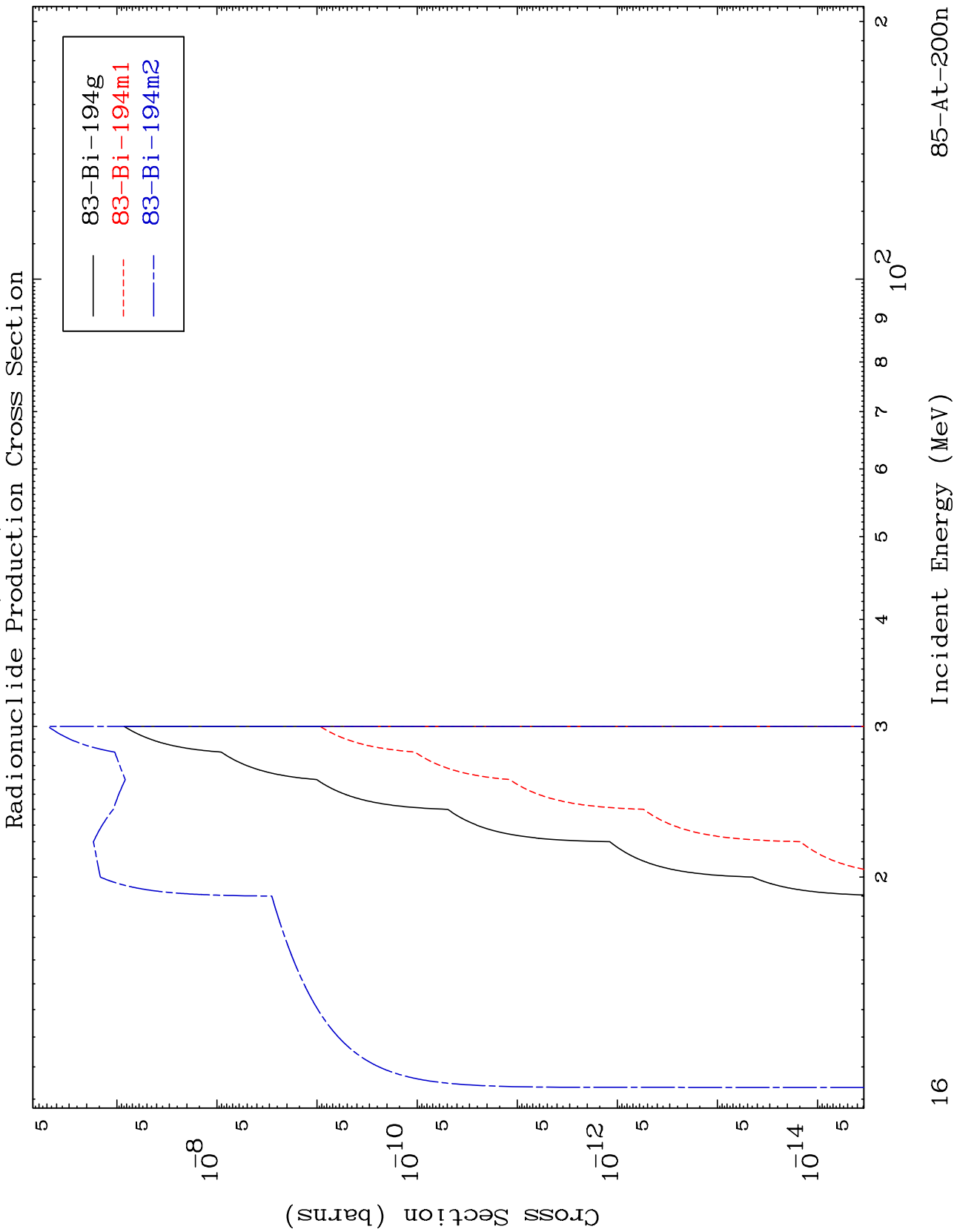


83-Bi-195g  
83-Bi-195m1

MAT 8518

$(n,2n) \alpha$

85-At-200n



16

Incident Energy (MeV)

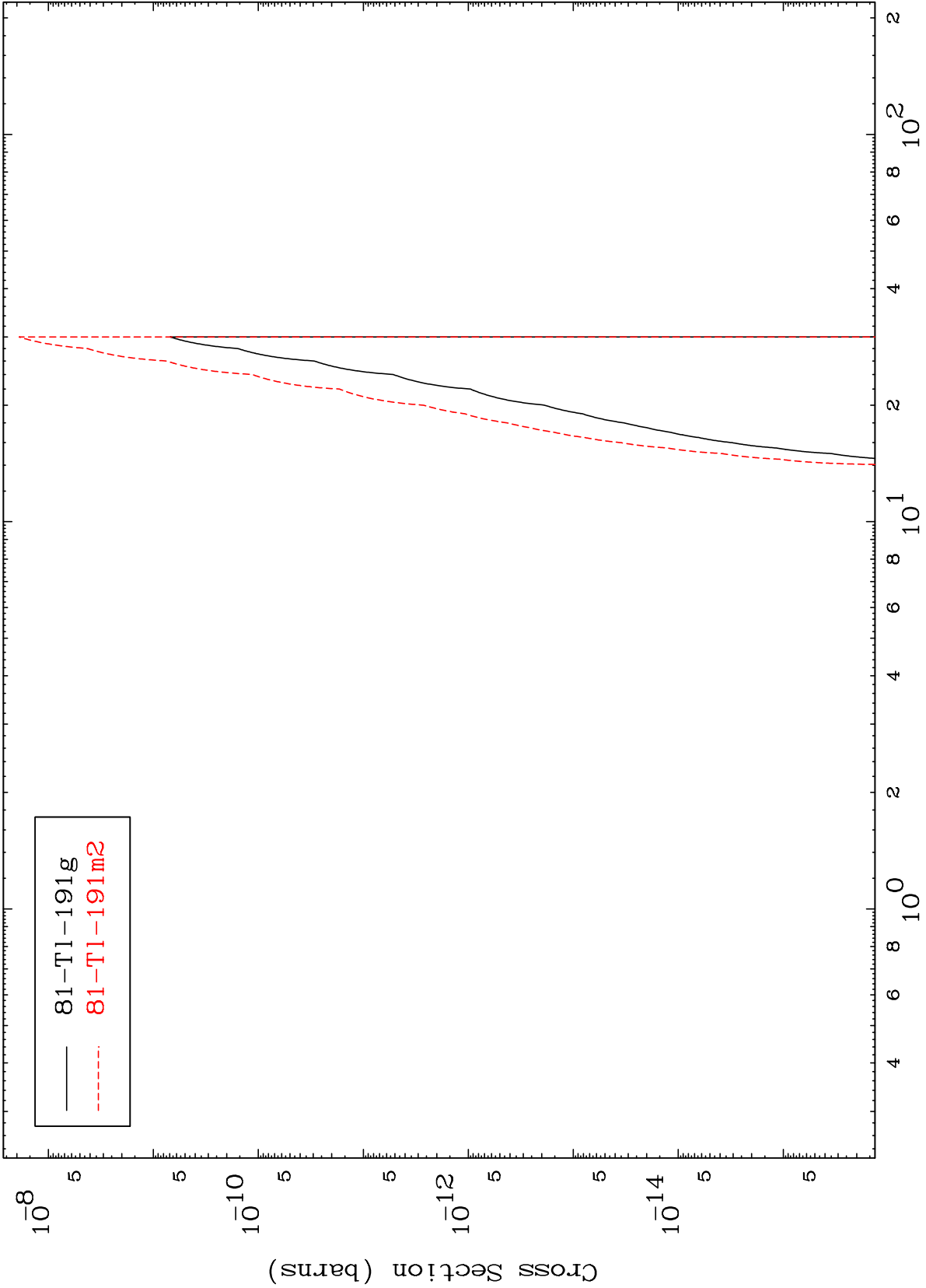
85-At-200n

MAT 8518

(n,n') 2α

85-At-200n

Radionuclide Production Cross Section

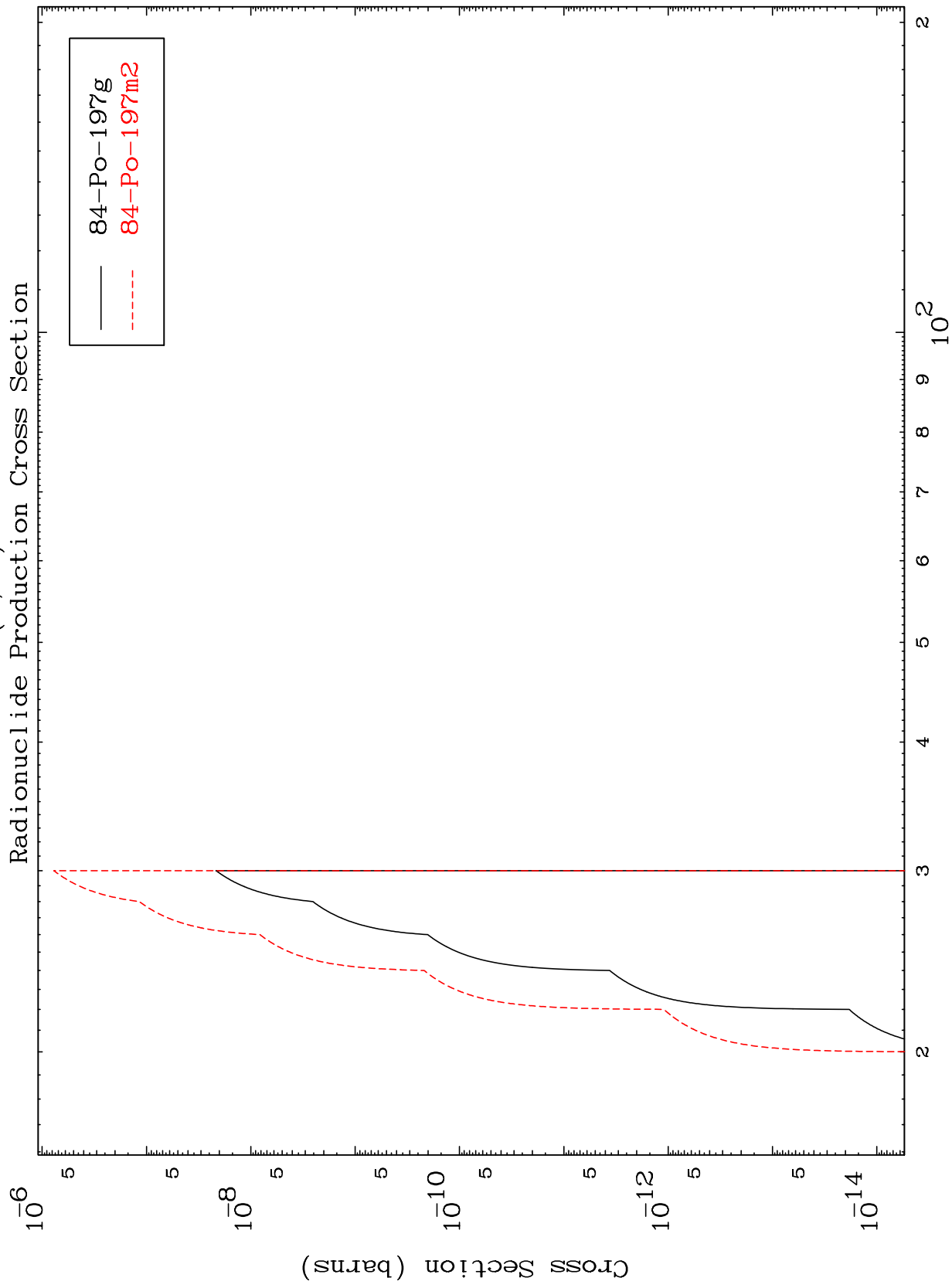


81-Tl-191g  
81-Tl-191m2

MAT 8518

85-At-200n

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



18

Incident Energy (MeV)

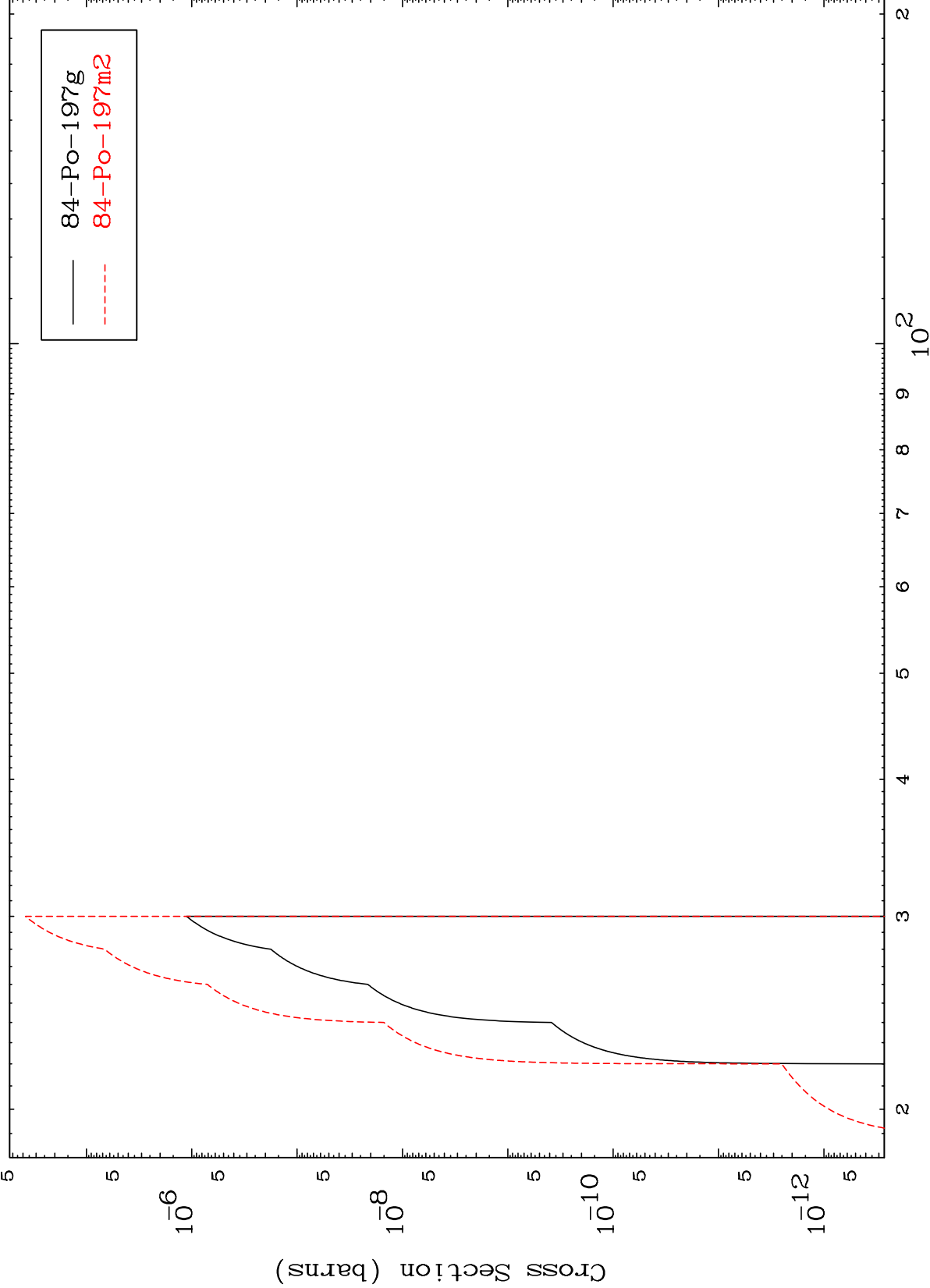
85-At-200n

MAT 8518

(n,2n) p

85-At-200n

Radionuclide Production Cross Section



19

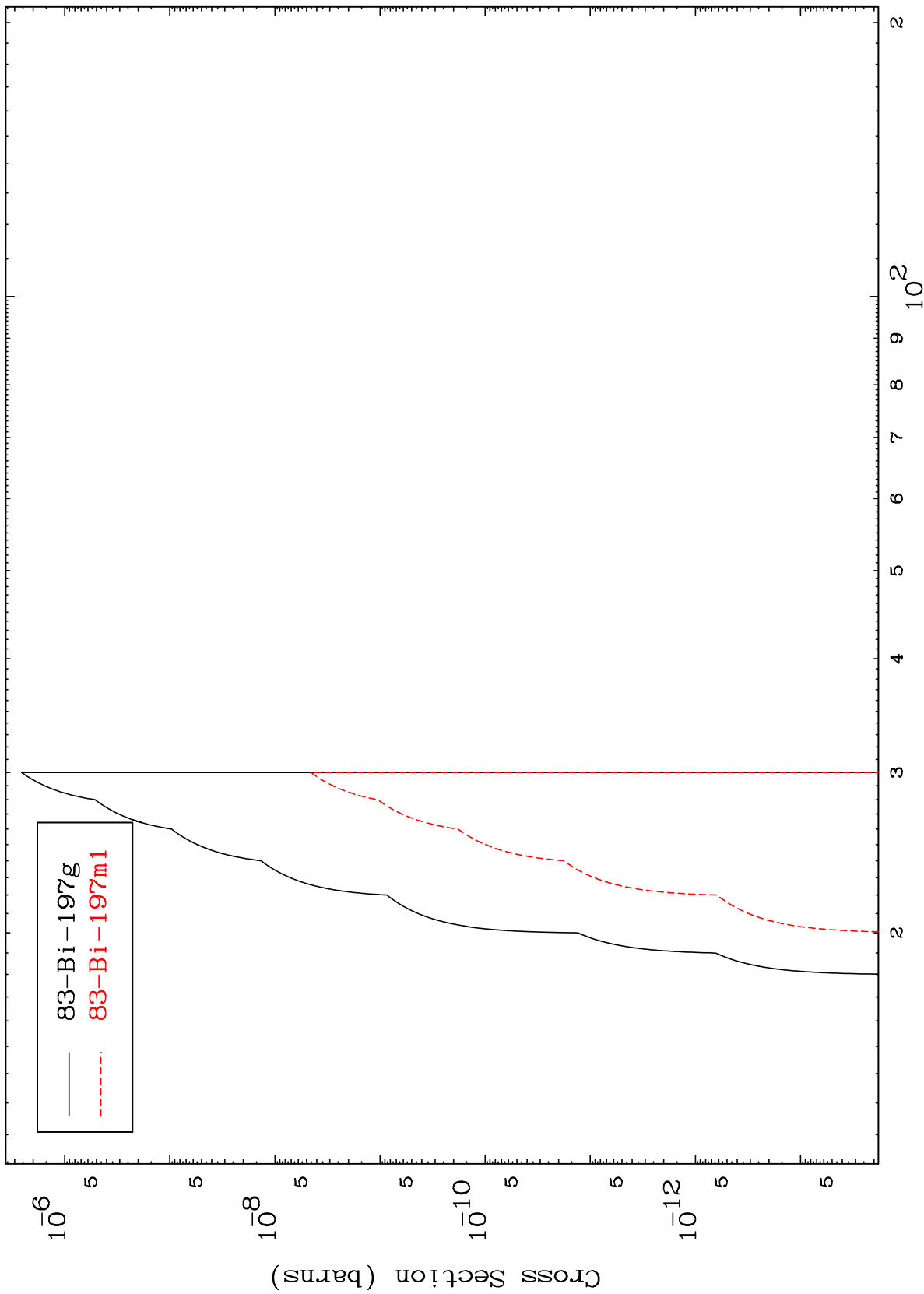
Incident Energy (MeV)

85-At-200n

MAT 8518

85-At-200n

(n,2n) p  
Radionuclide Production Cross Section



Incident Energy (MeV)

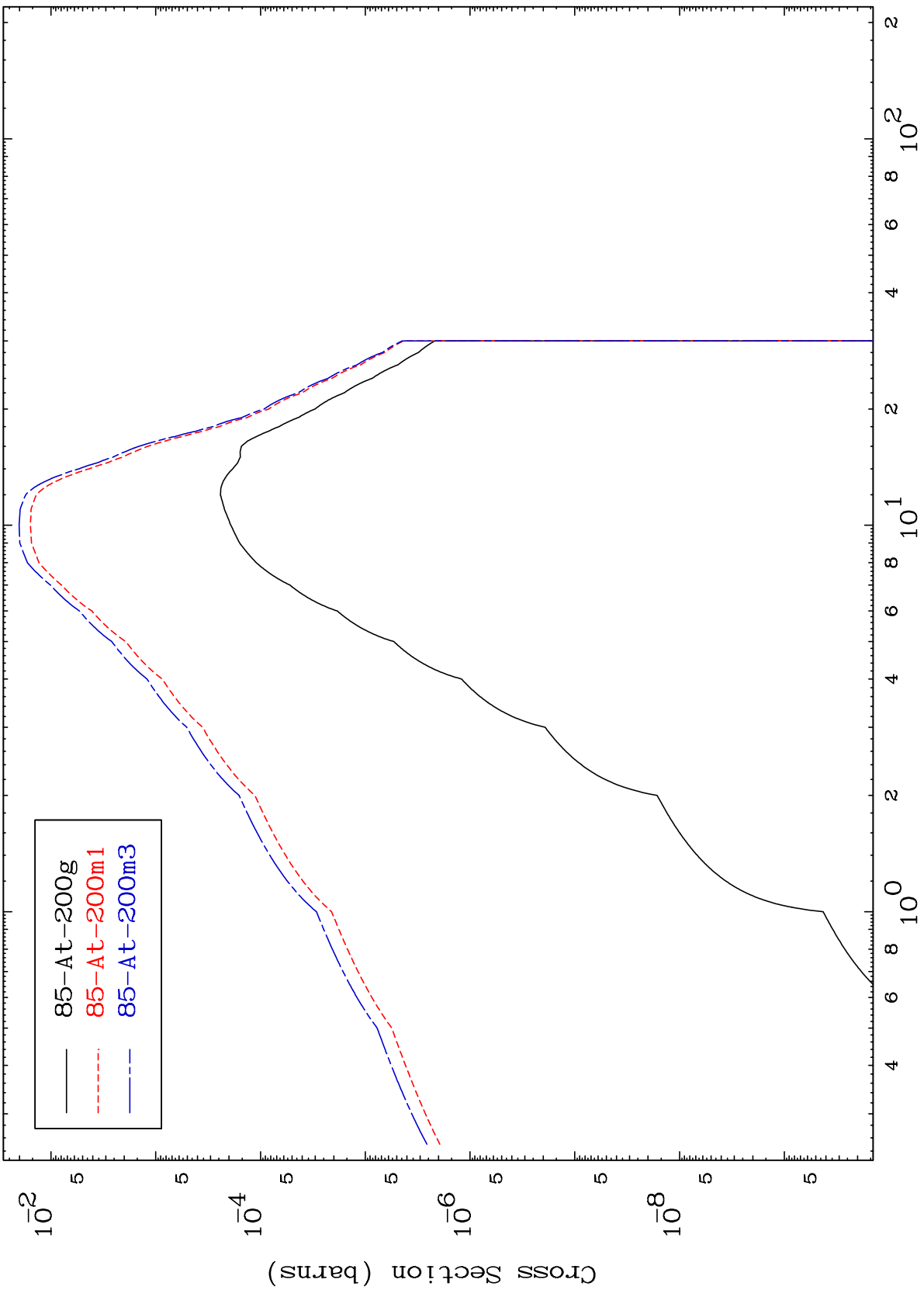
85-At-200n

20

MAT 8518

85-At-200n

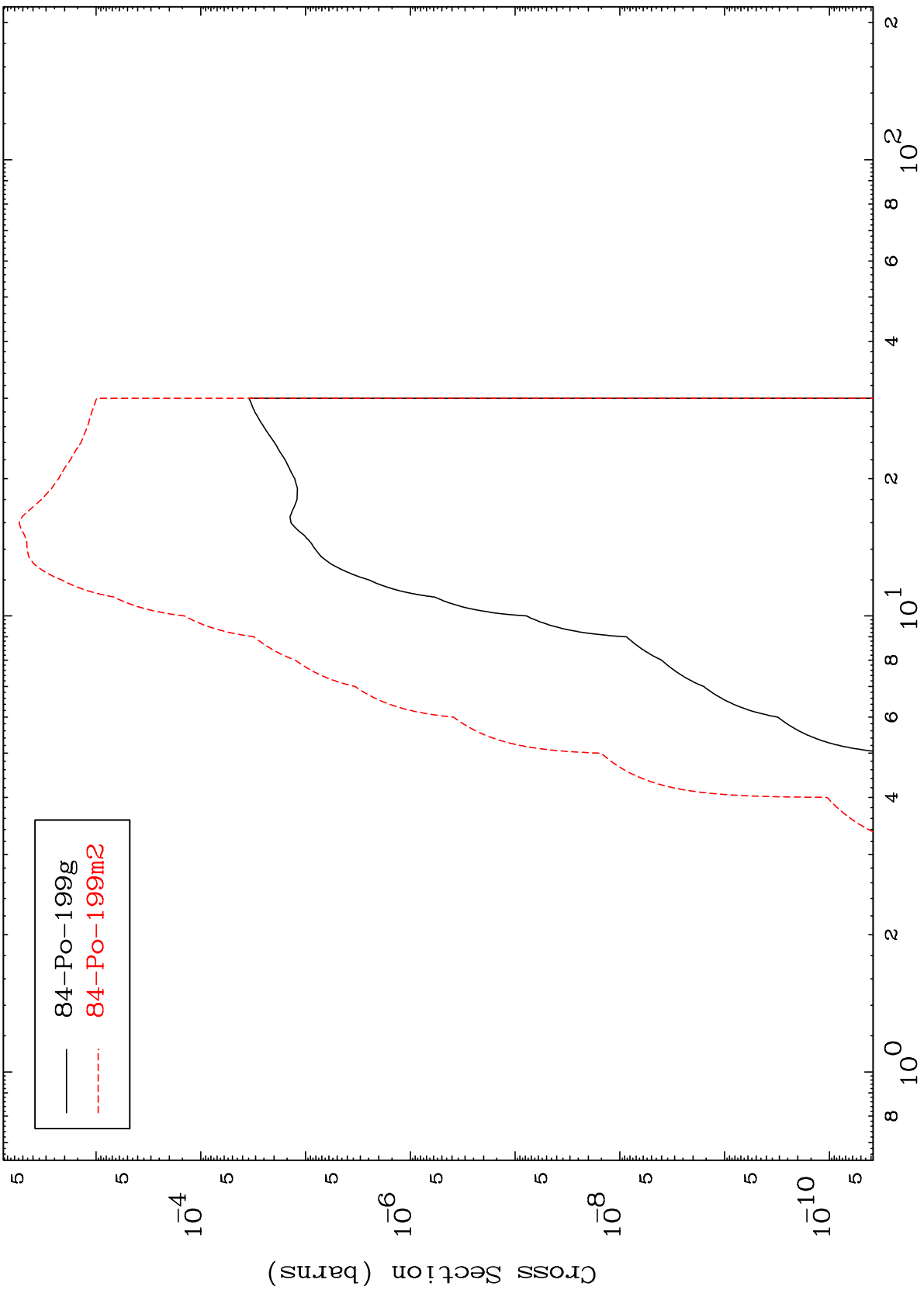
(n,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 8518

85-At-200n

Radionuclide Production Cross Section



22

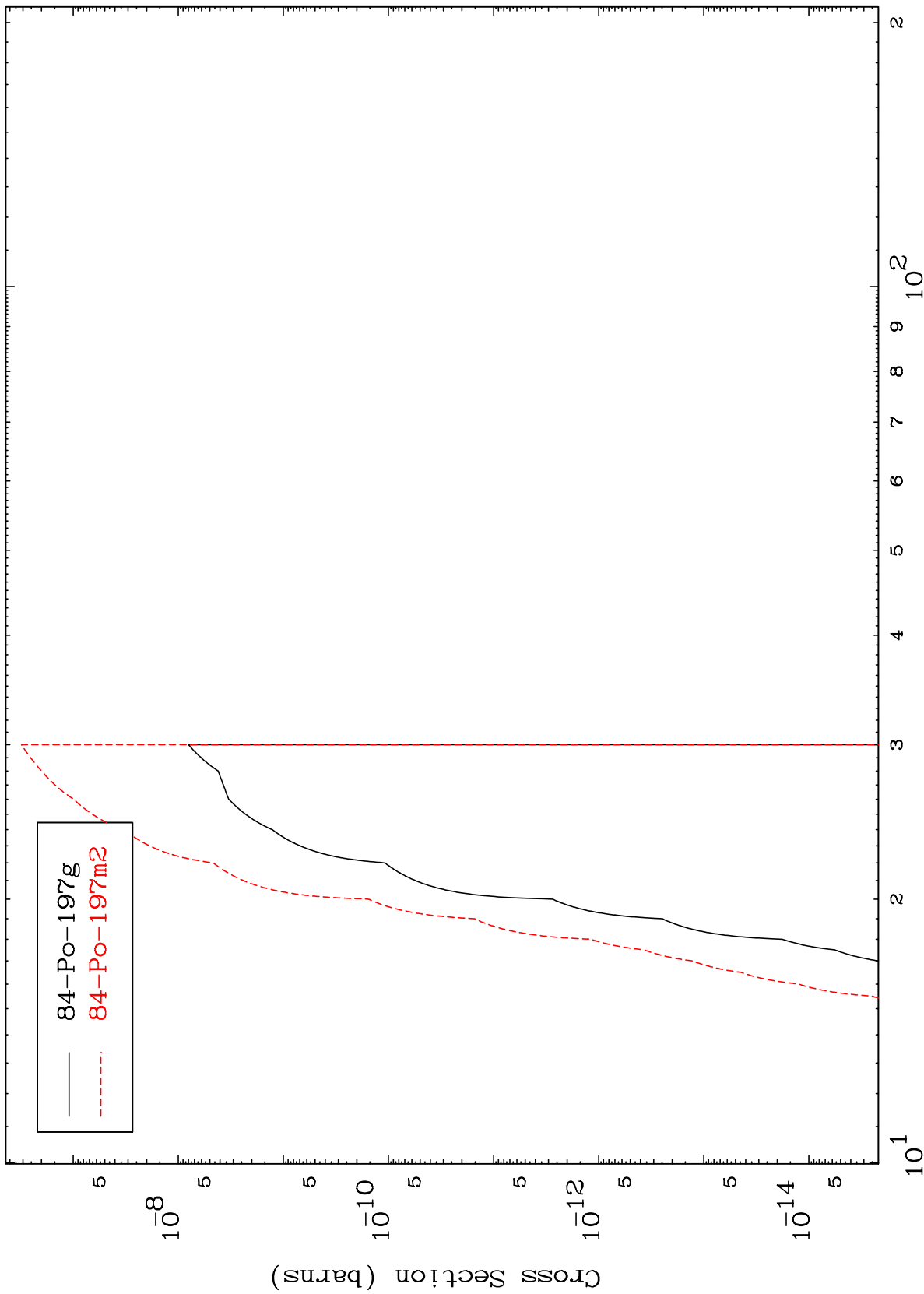
Incident Energy (MeV)

85-At-200n

MAT 8518

85-At-200n

(n,t)  
Radionuclide Production Cross Section



Incident Energy (MeV)

85-At-200n

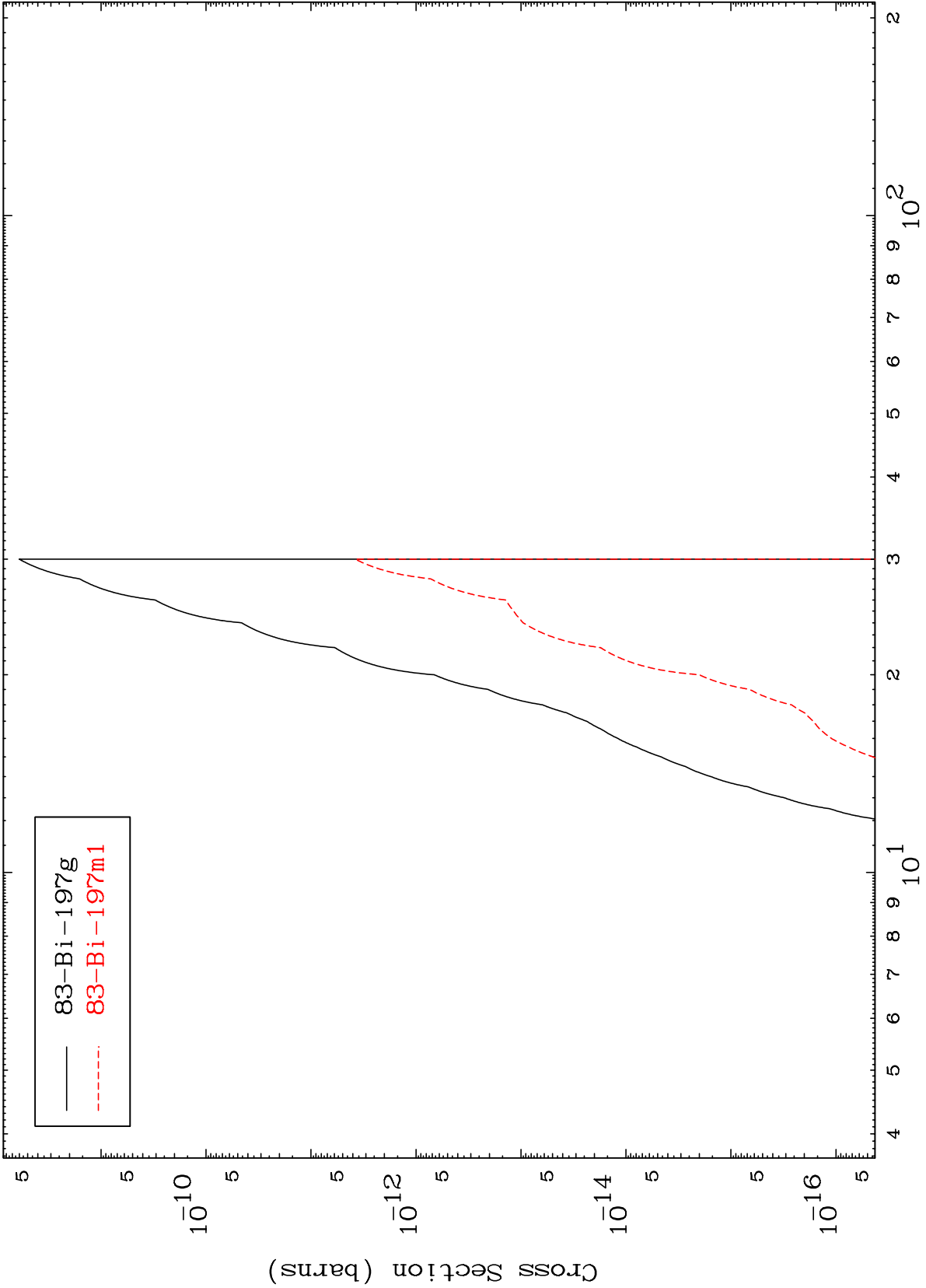
23

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(n,He-3)

85-At-200n

Radionuclide Production Cross Section



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

24

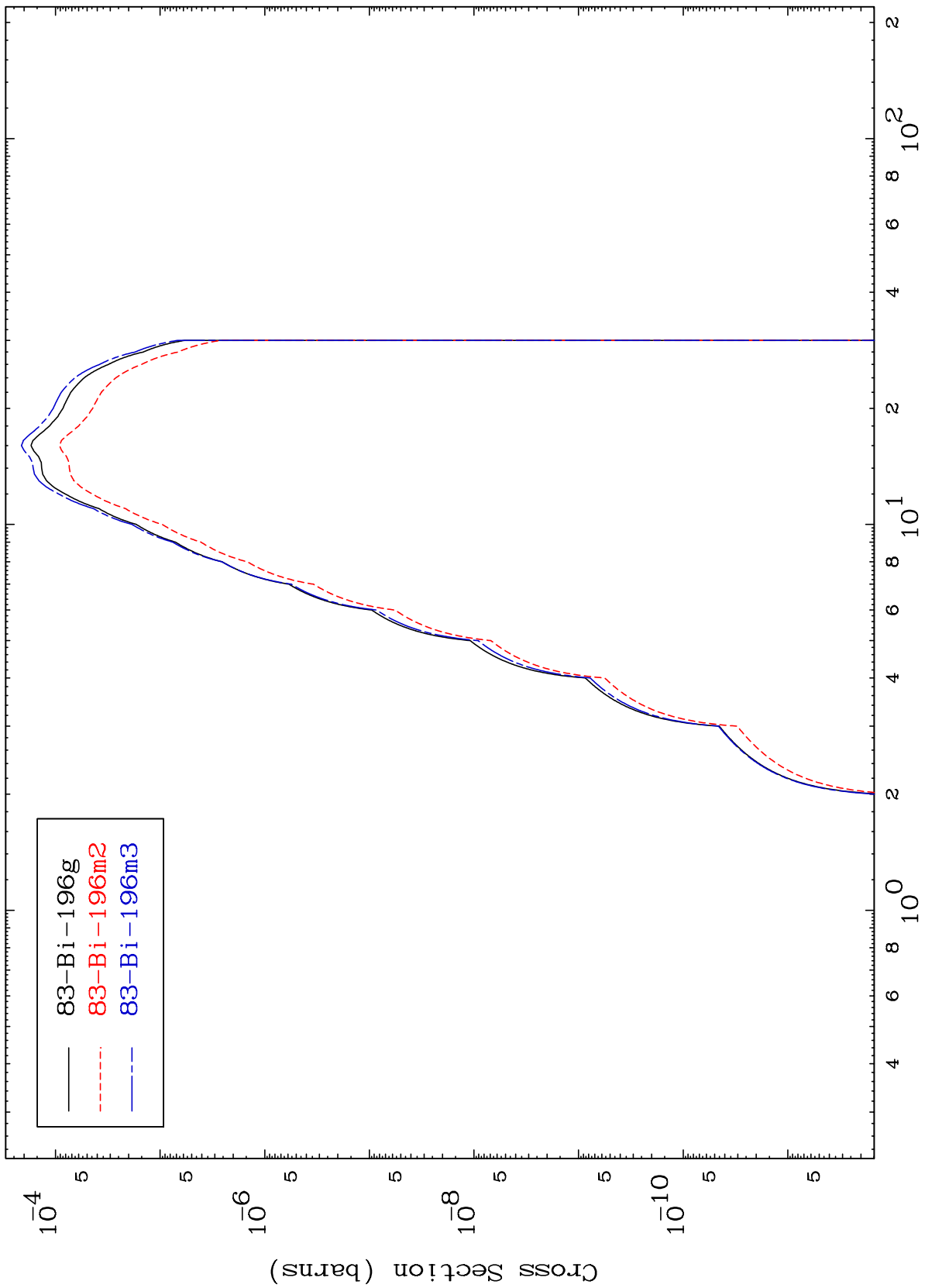
Incident Energy (MeV)

85-At-200n

MAT 8518

85-At-200n

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

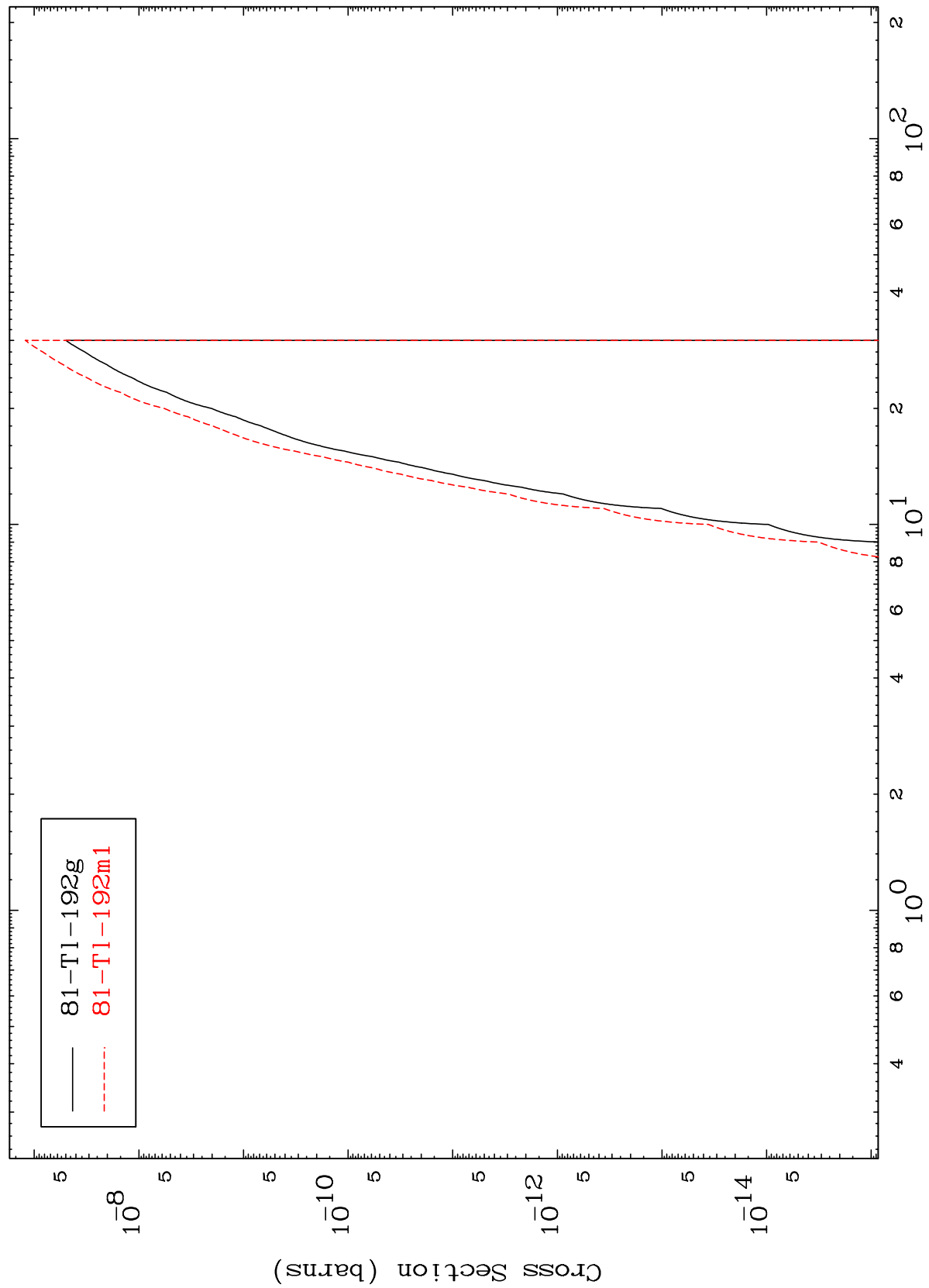


83-Bi-196g  
83-Bi-196m2  
83-Bi-196m3

MAT 8518

85-At-200n

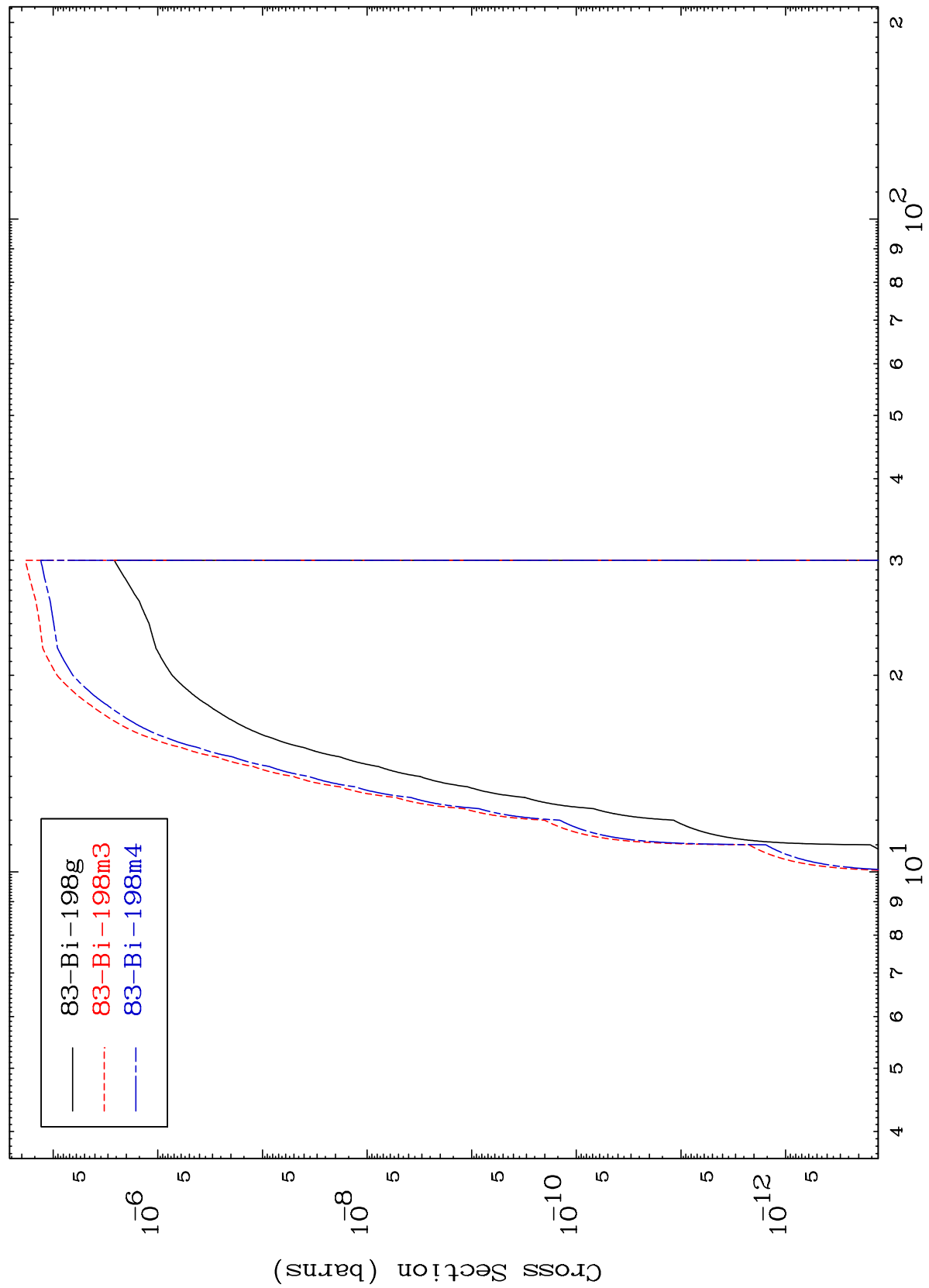
Radionuclide Production Cross Section  
(n,2 $\alpha$ )



MAT 8518

85-At-200n

Radionuclide Production Cross Section  
(n,2p)



27

Incident Energy (MeV)

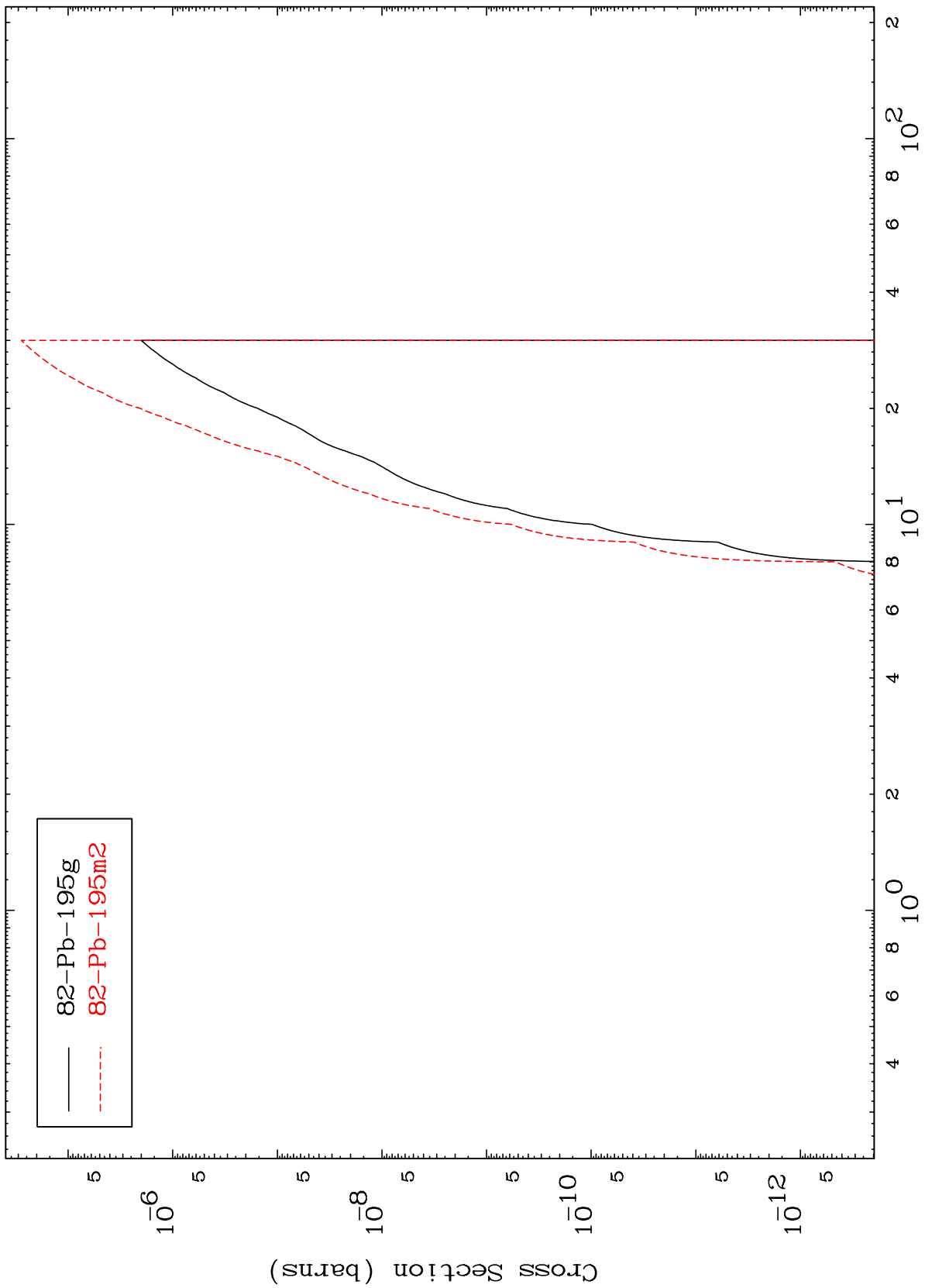
85-At-200n

MAT 8518

(n,p)  $\alpha$

85-At-200n

Radionuclide Production Cross Section

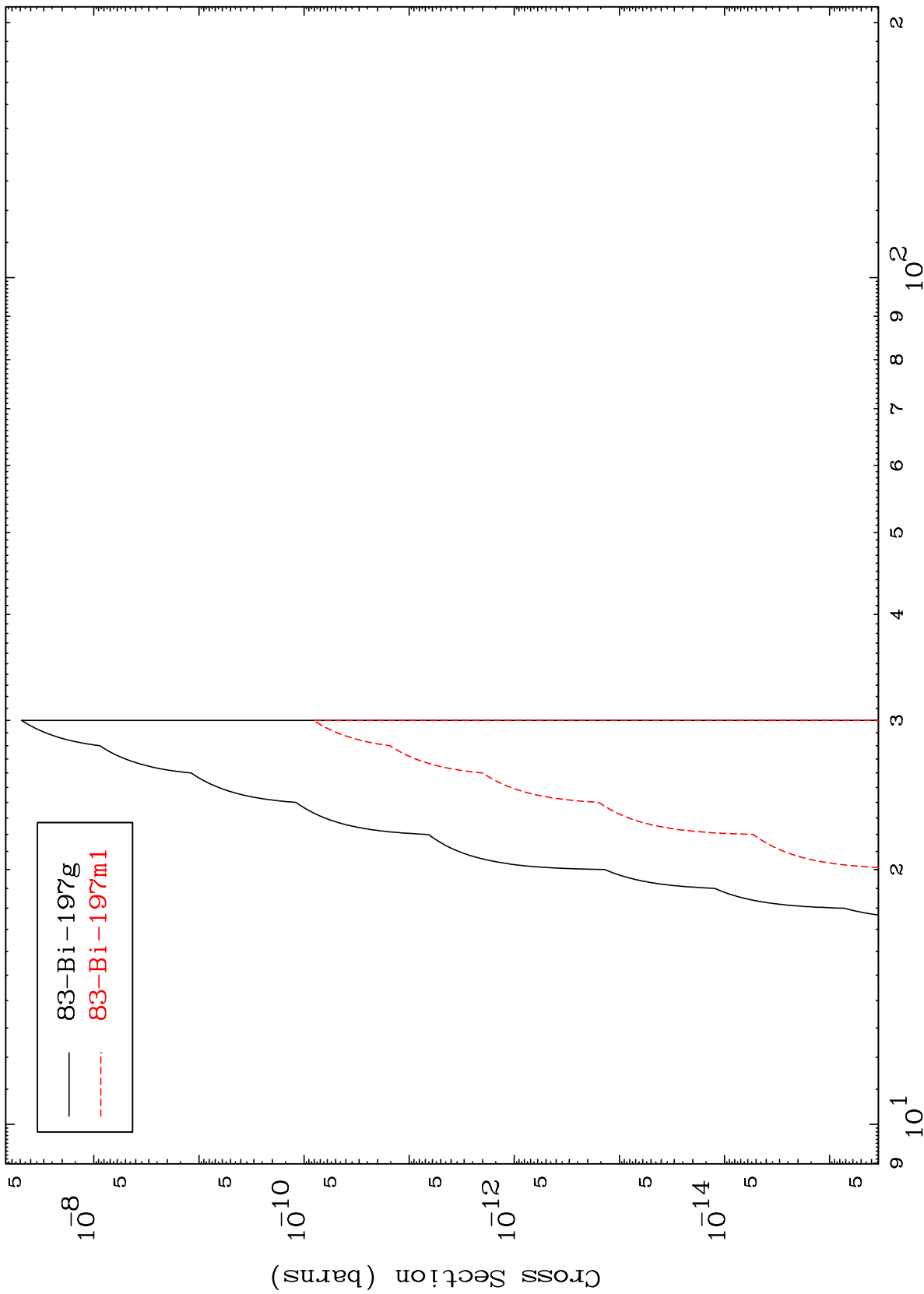


MAT 8518

(n,p) d

85-At-200n

Radionuclide Production Cross Section



29

Incident Energy (MeV)

85-At-200n