

Program EVALPLOT  
(Version 2021-1)

by

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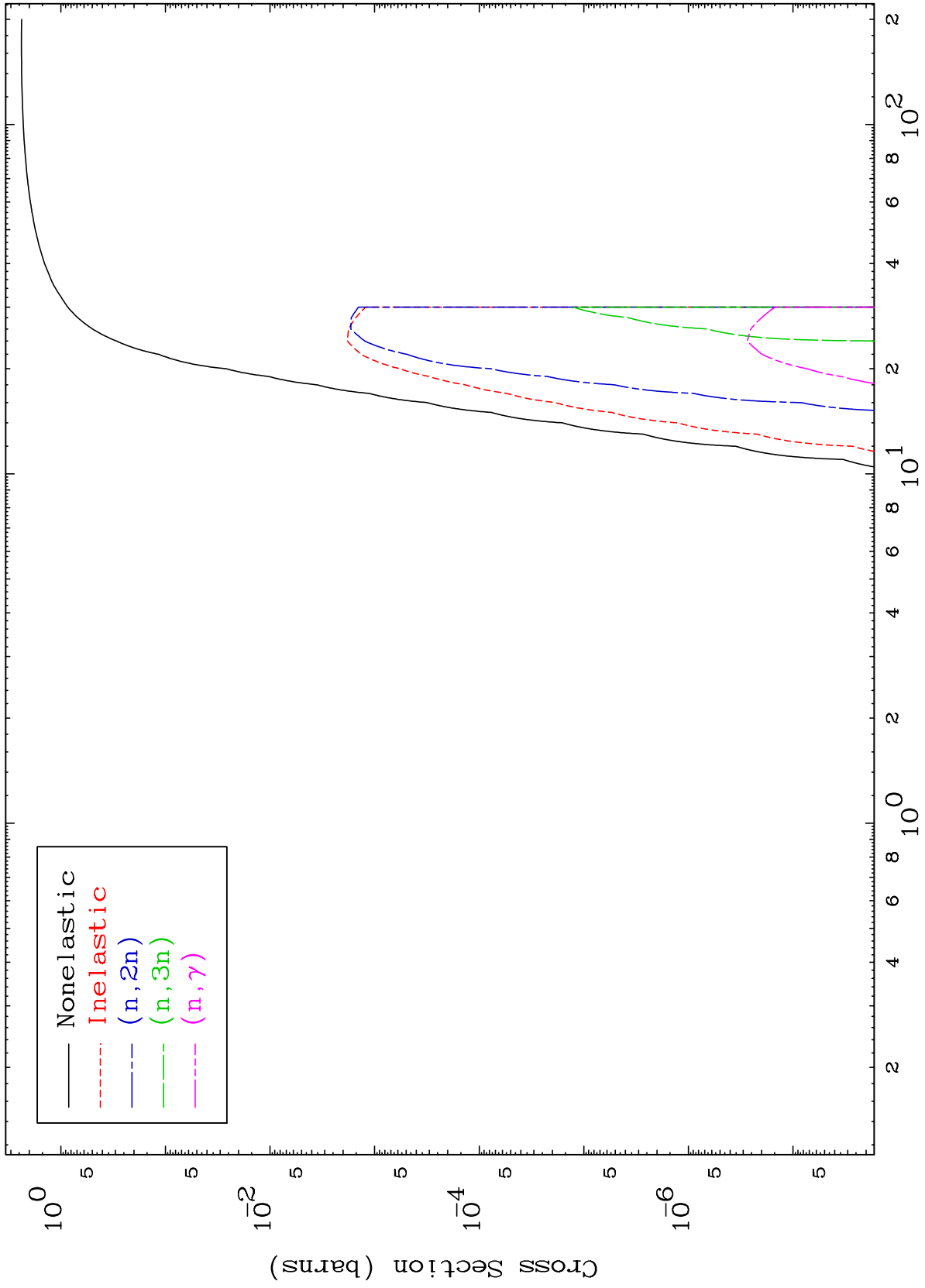
Press Mouse Button to Start

MAT 8289

He-3 Major

83-Bi-197

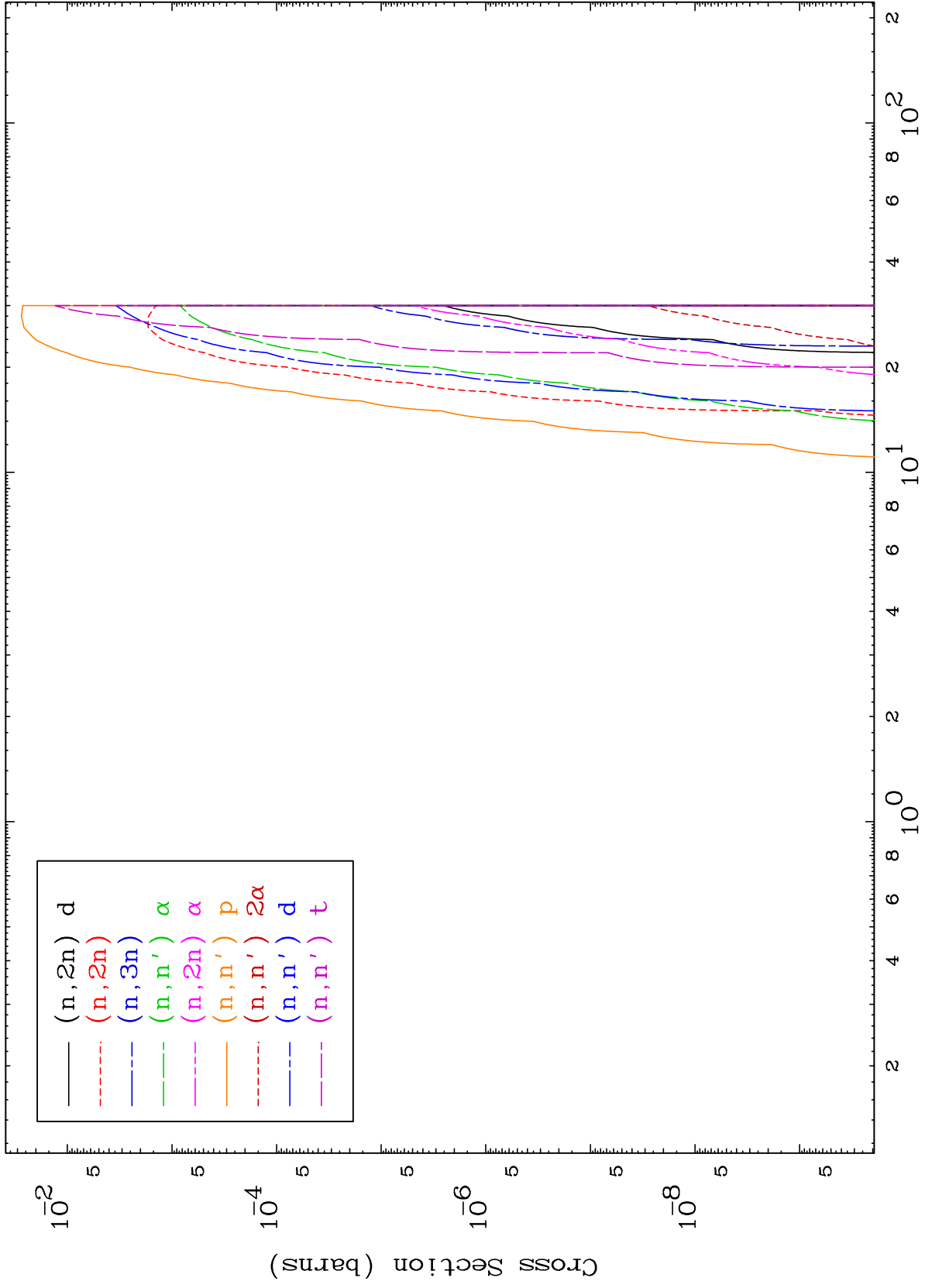
0 Kelvin Cross Sections

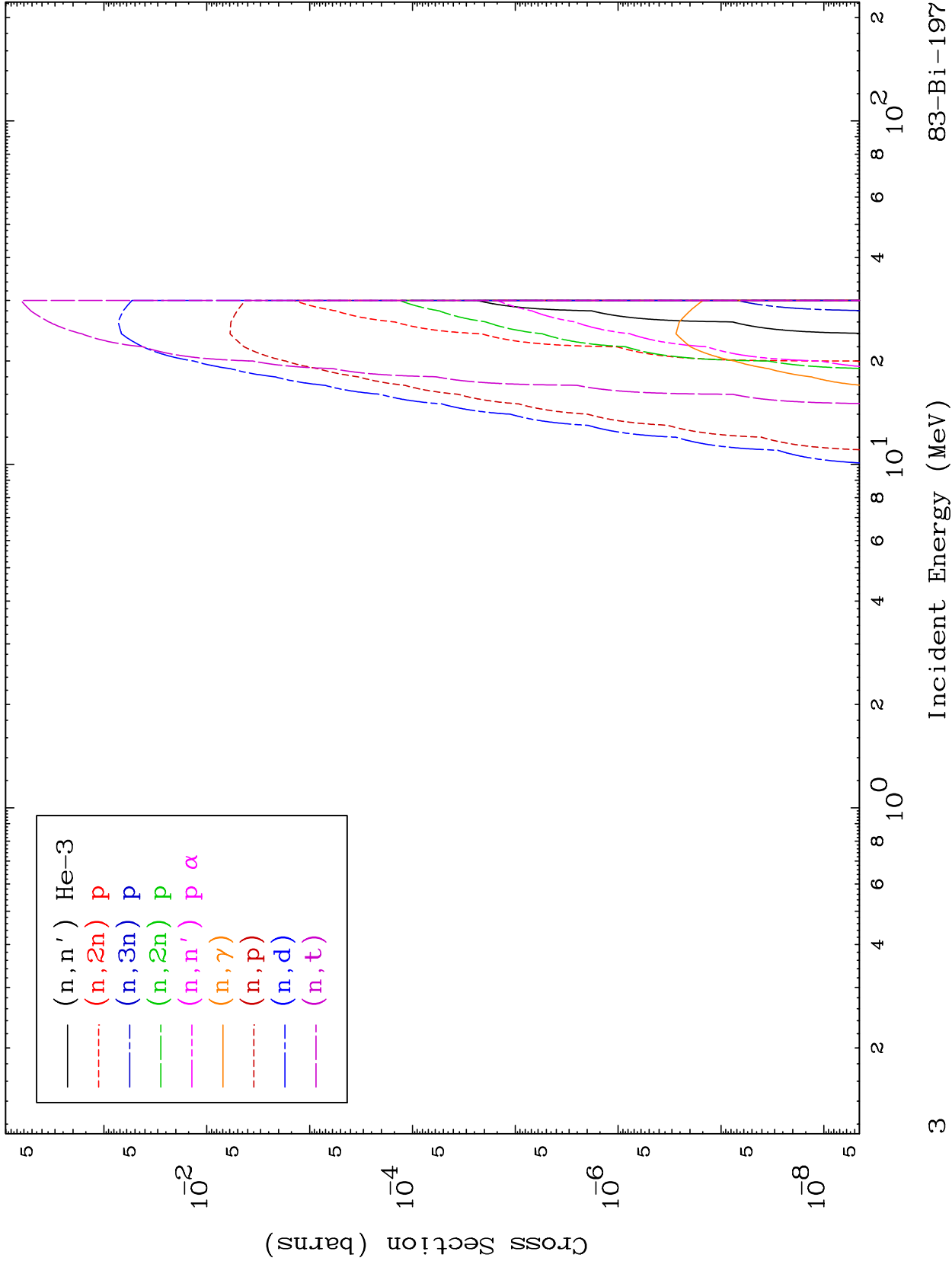


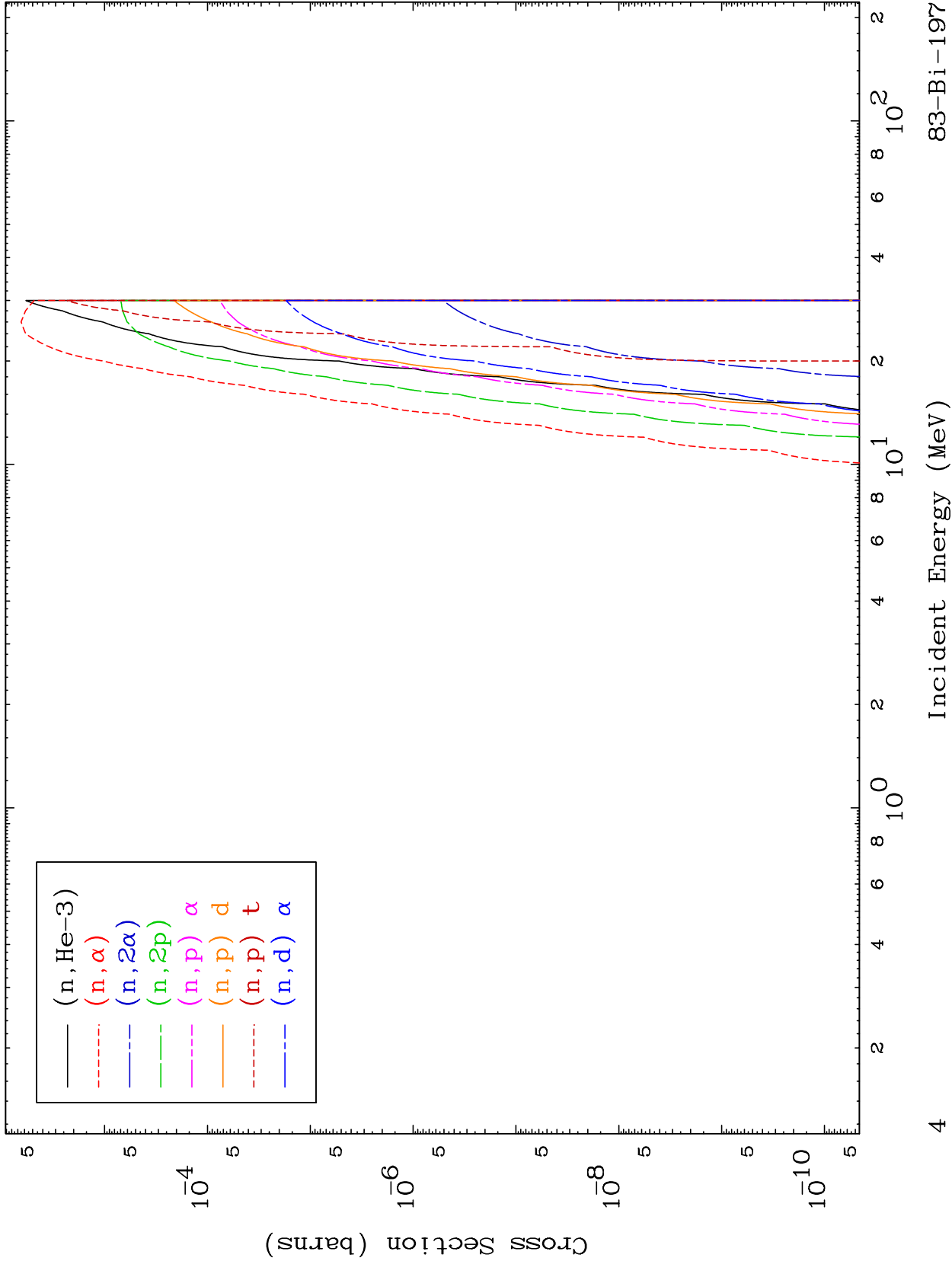
MAT 8289

He-3 Neutron Absorption  
0 Kelvin Cross Sections

83-Bi-197



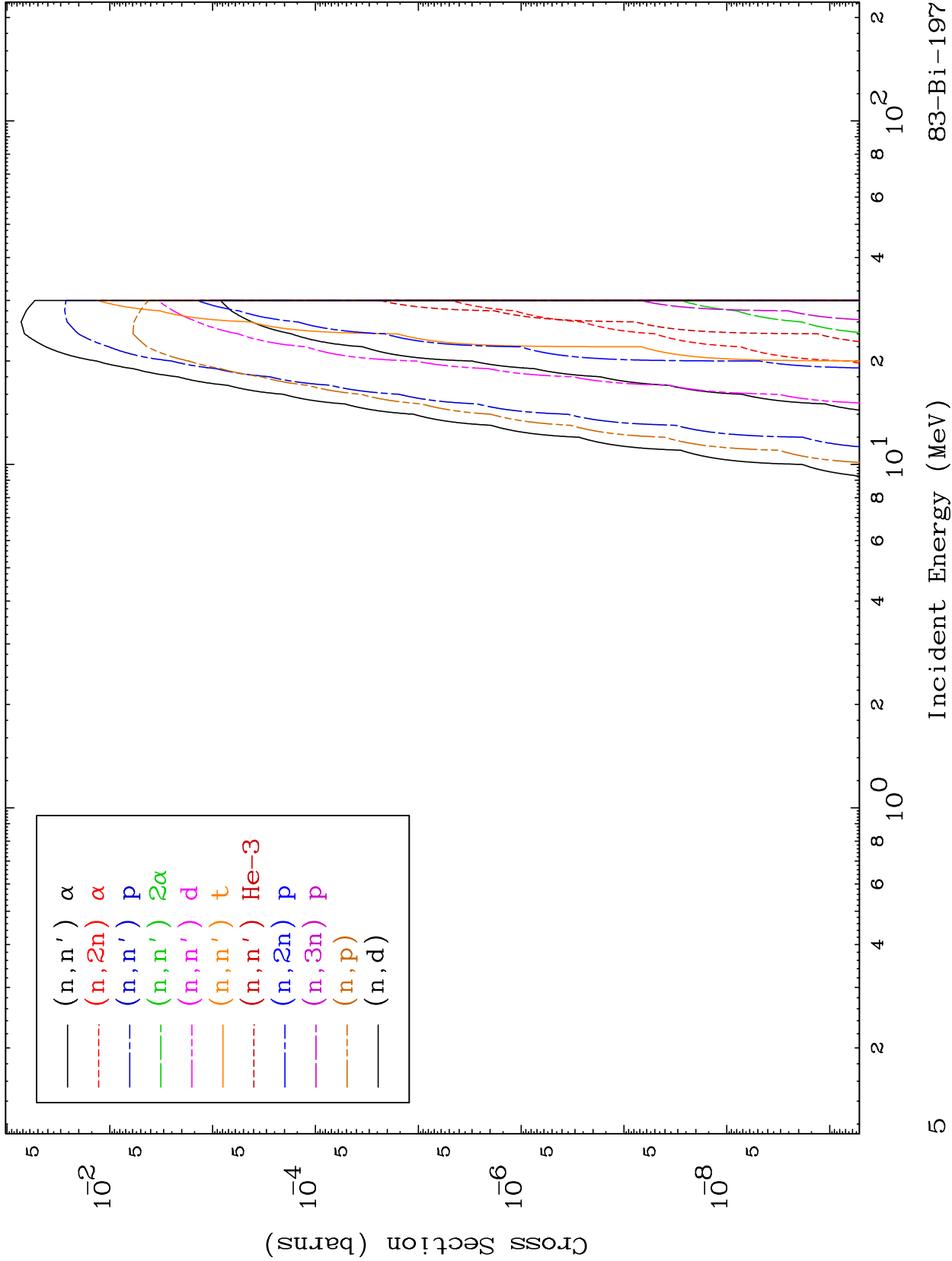




MAT 8289

He-3 Charged Particle  
0 Kelvin Cross Sections

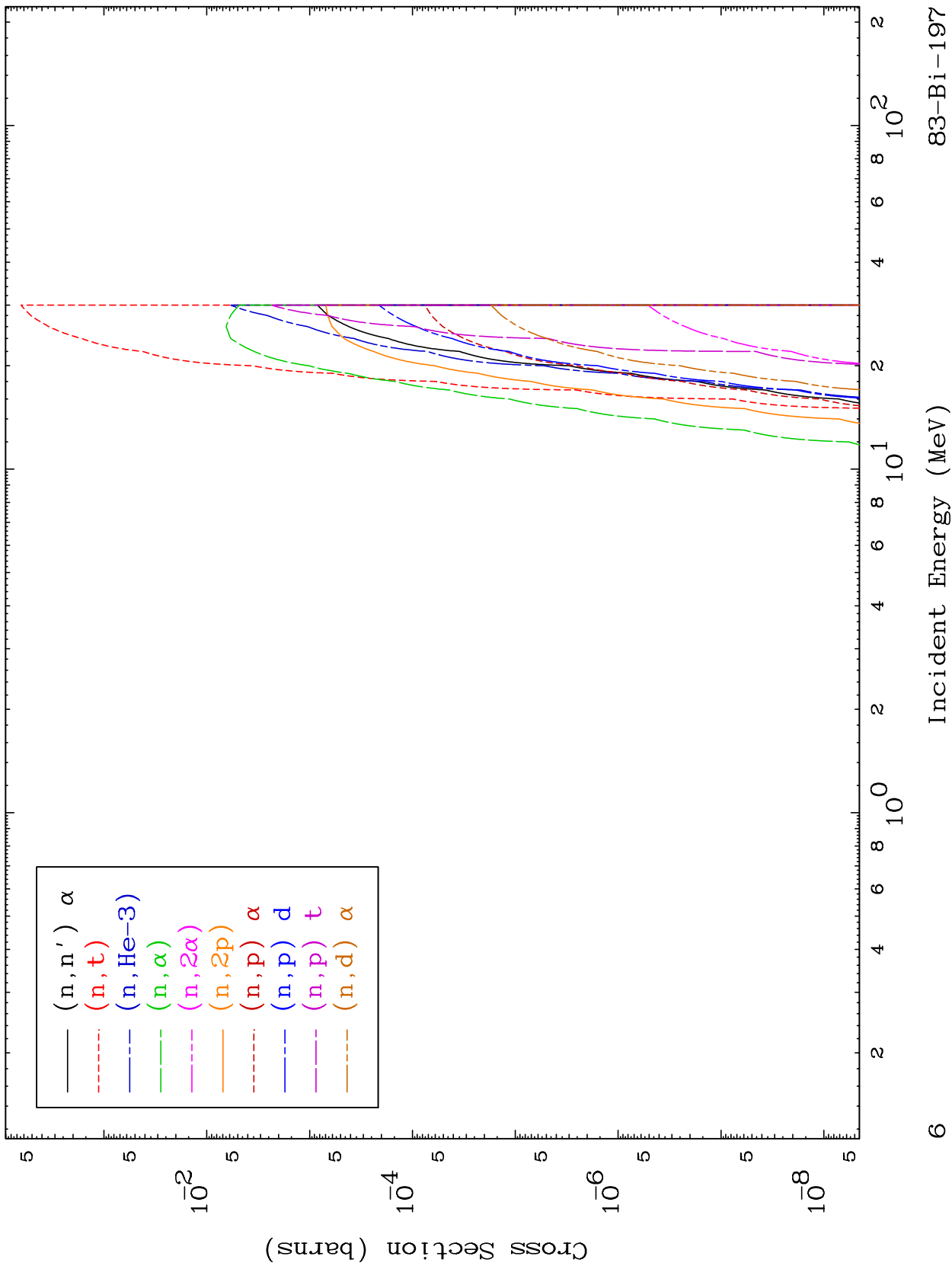
83-Bi-197



MAT 8289

He-3 Charged Particle  
0 Kelvin Cross Sections

83-Bi-197

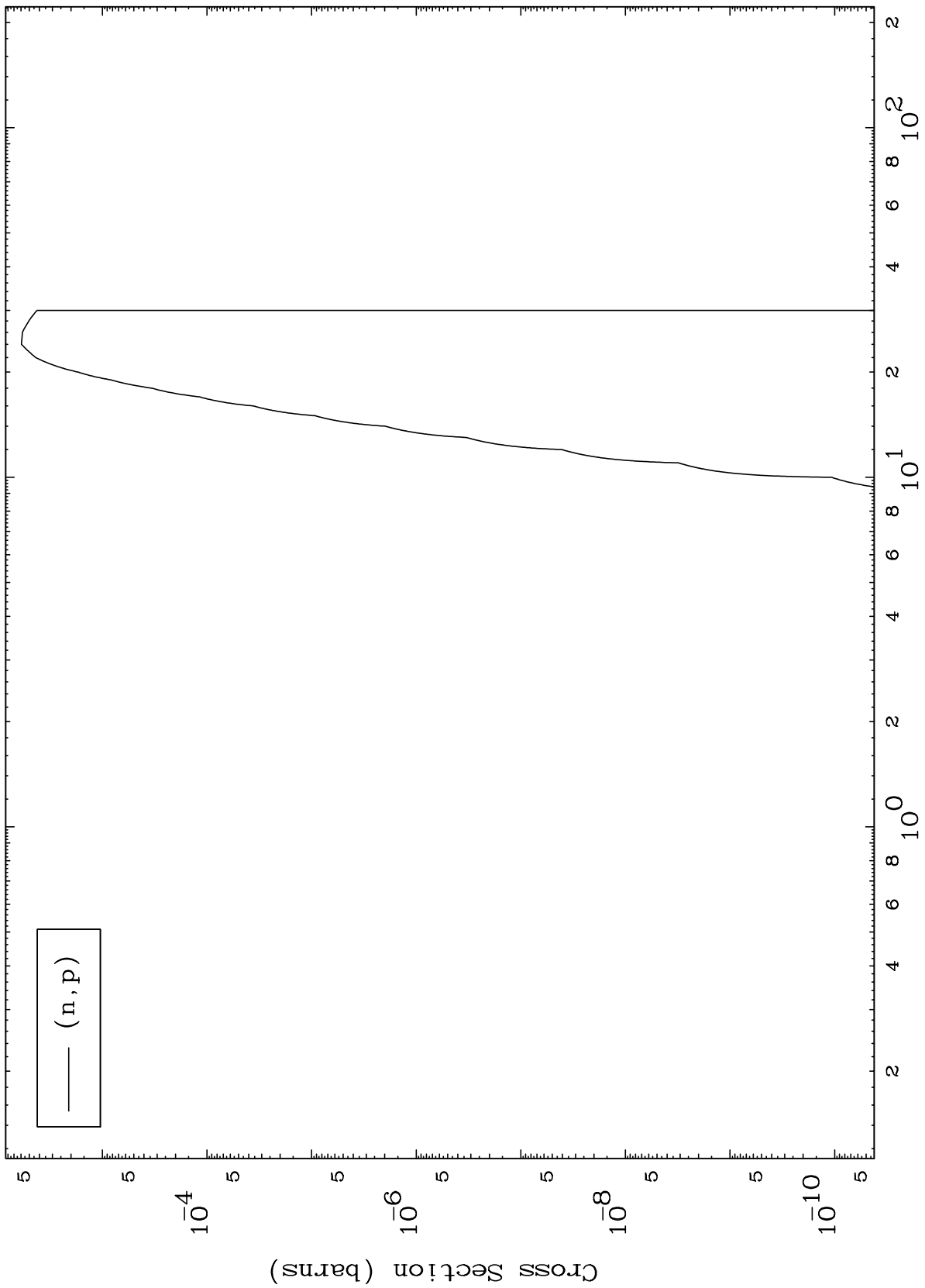


MAT 8289

(He-3,p) Levels

83-Bi-197

0 Kelvin Cross Sections

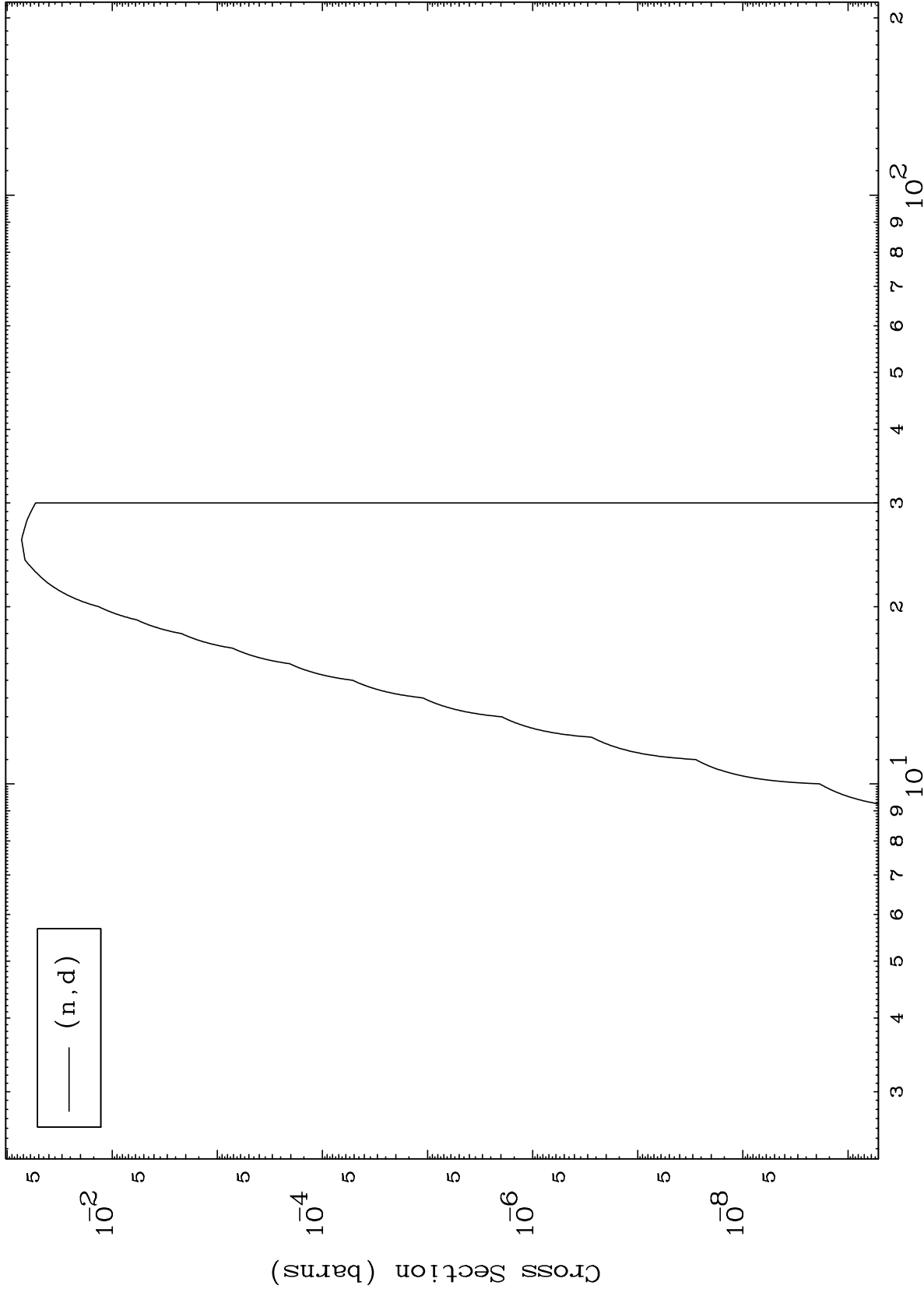




MAT 8289

(He-3,d) Levels  
0 Kelvin Cross Sections

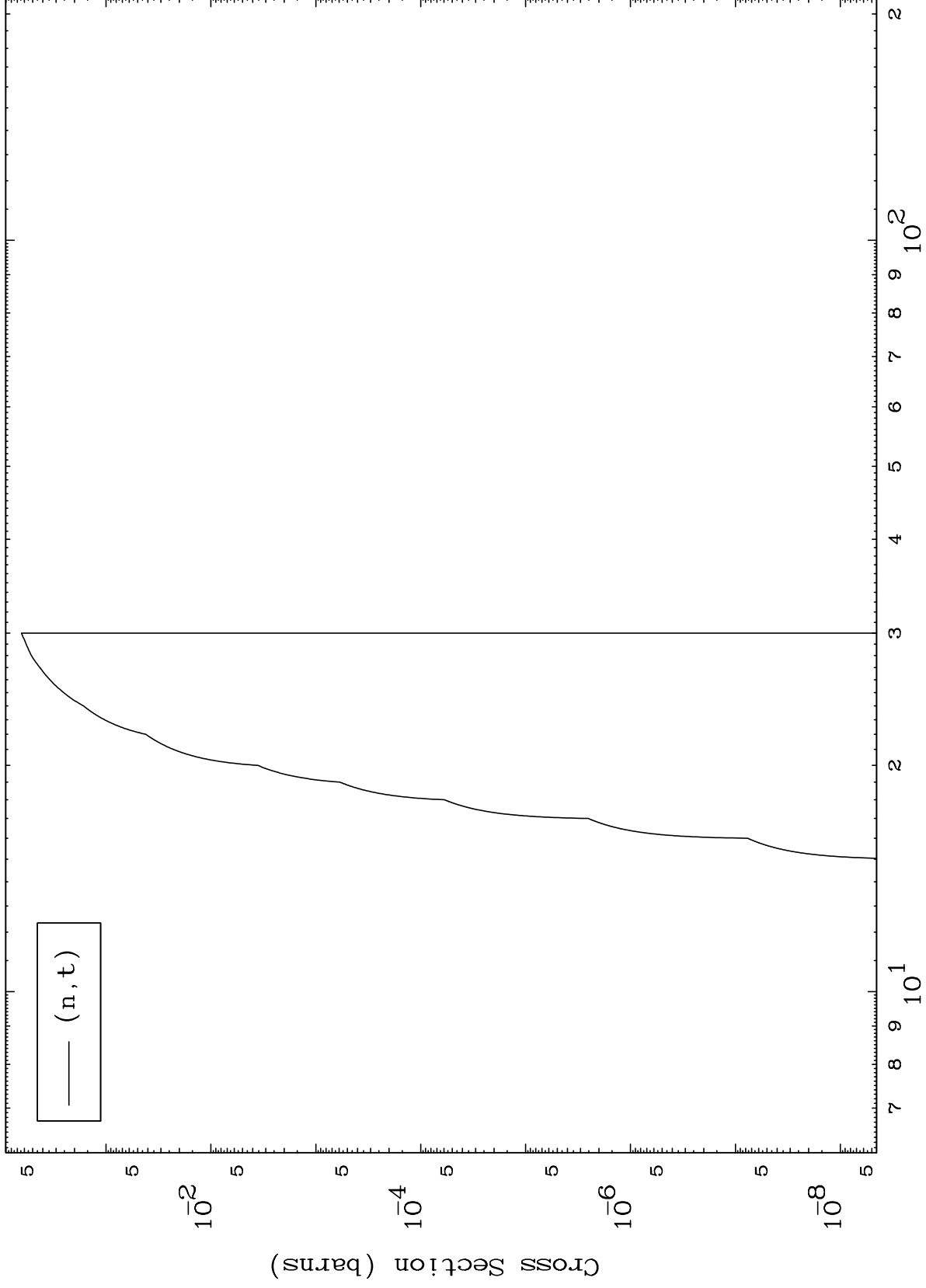
83-Bi-197



MAT 8289

(He-3,t) Levels  
0 Kelvin Cross Sections

83-Bi-197

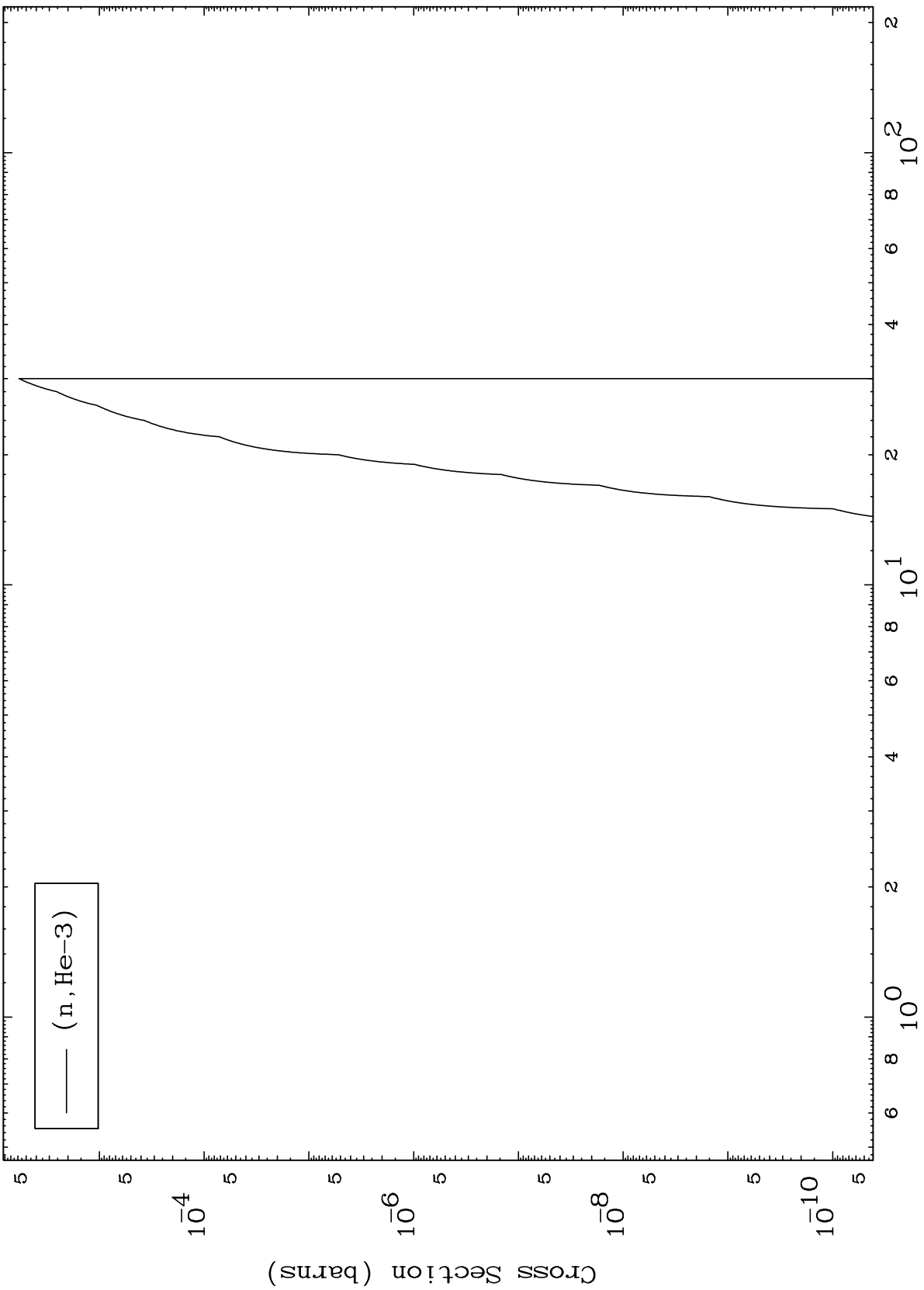


MAT 8289

(He-3, He3) Levels

83-Bi-197

0 Kelvin Cross Sections



10

Incident Energy (MeV)

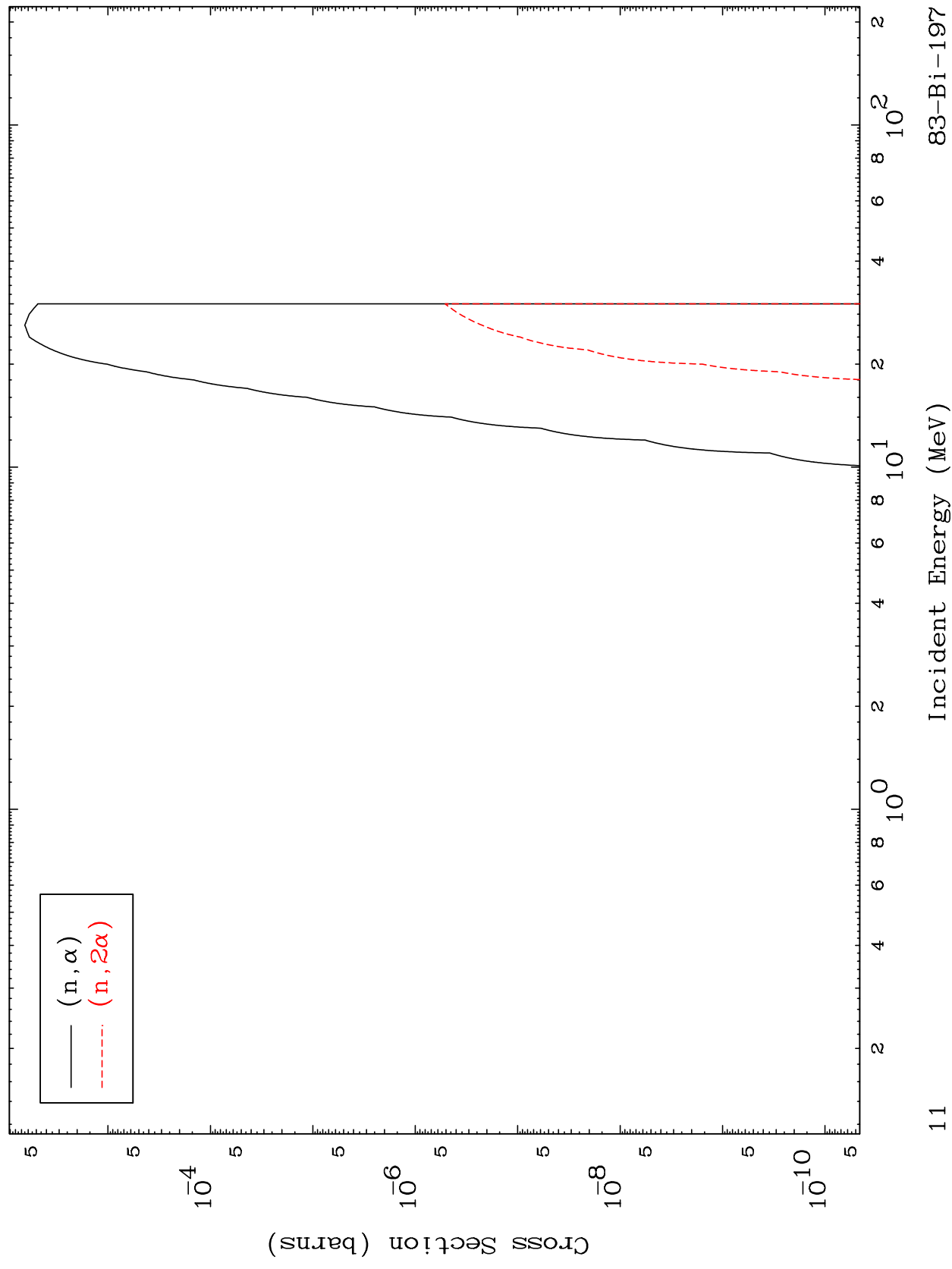
83-Bi-197

MAT 8289

(He-3,  $\alpha$ ) Levels

83-Bi-197

0 Kelvin Cross Sections

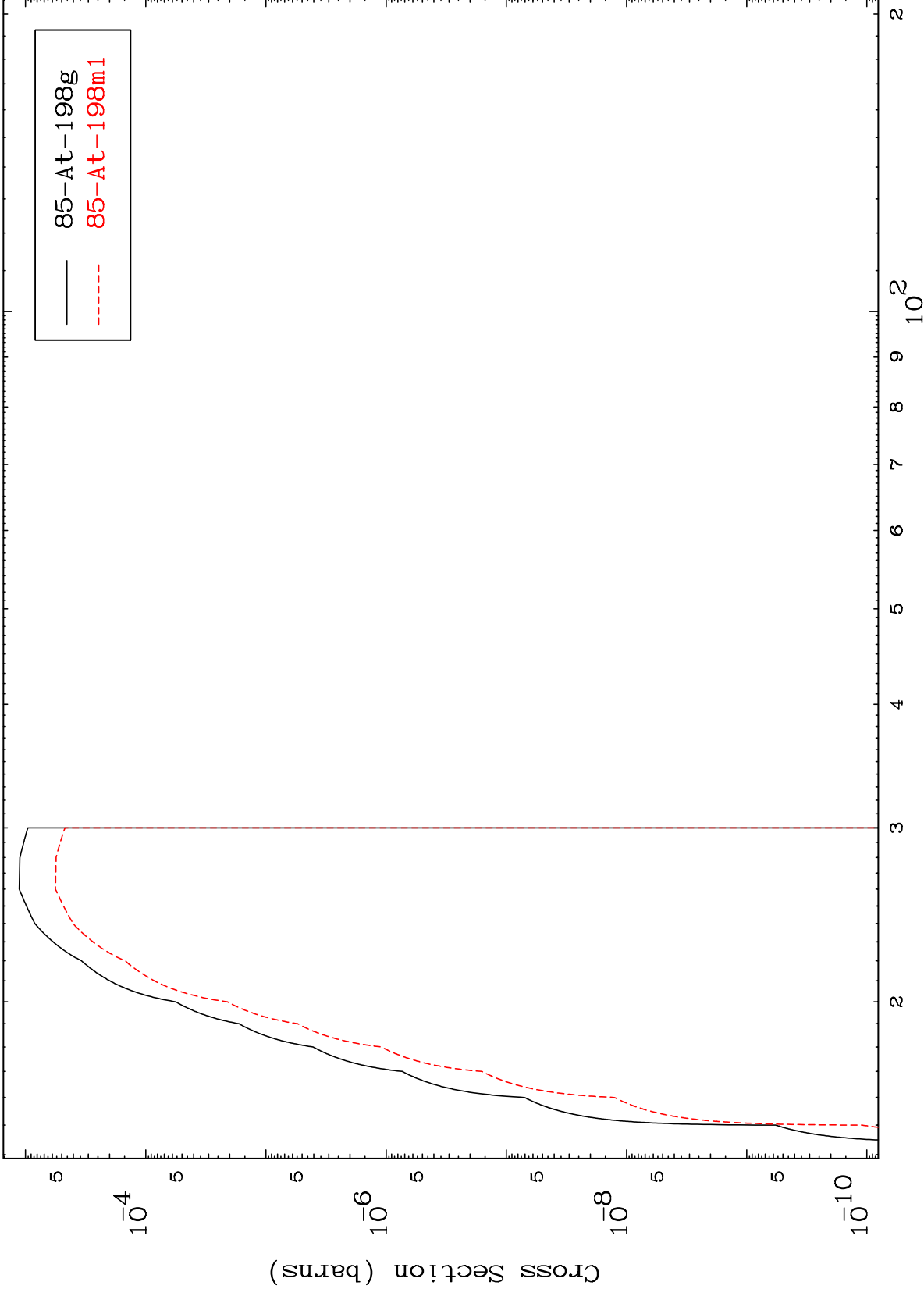


MAT 8289

(n,2n)

83-Bi-197

Radionuclide Production Cross Section



12

Incident Energy (MeV)

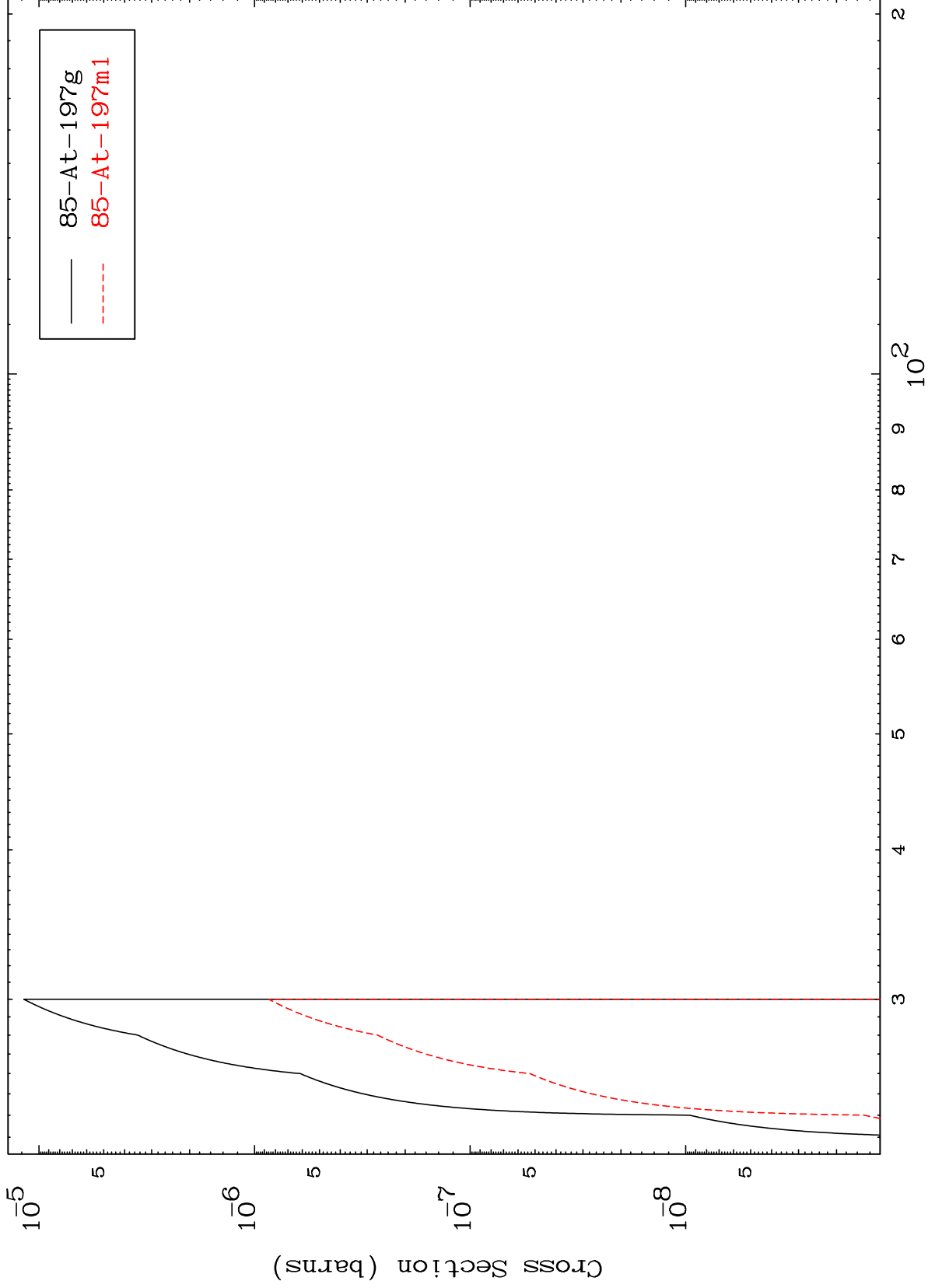
83-Bi-197

MAT 8289

(n,3n)

83-Bi-197

Radionuclide Production Cross Section



13

Incident Energy (MeV)

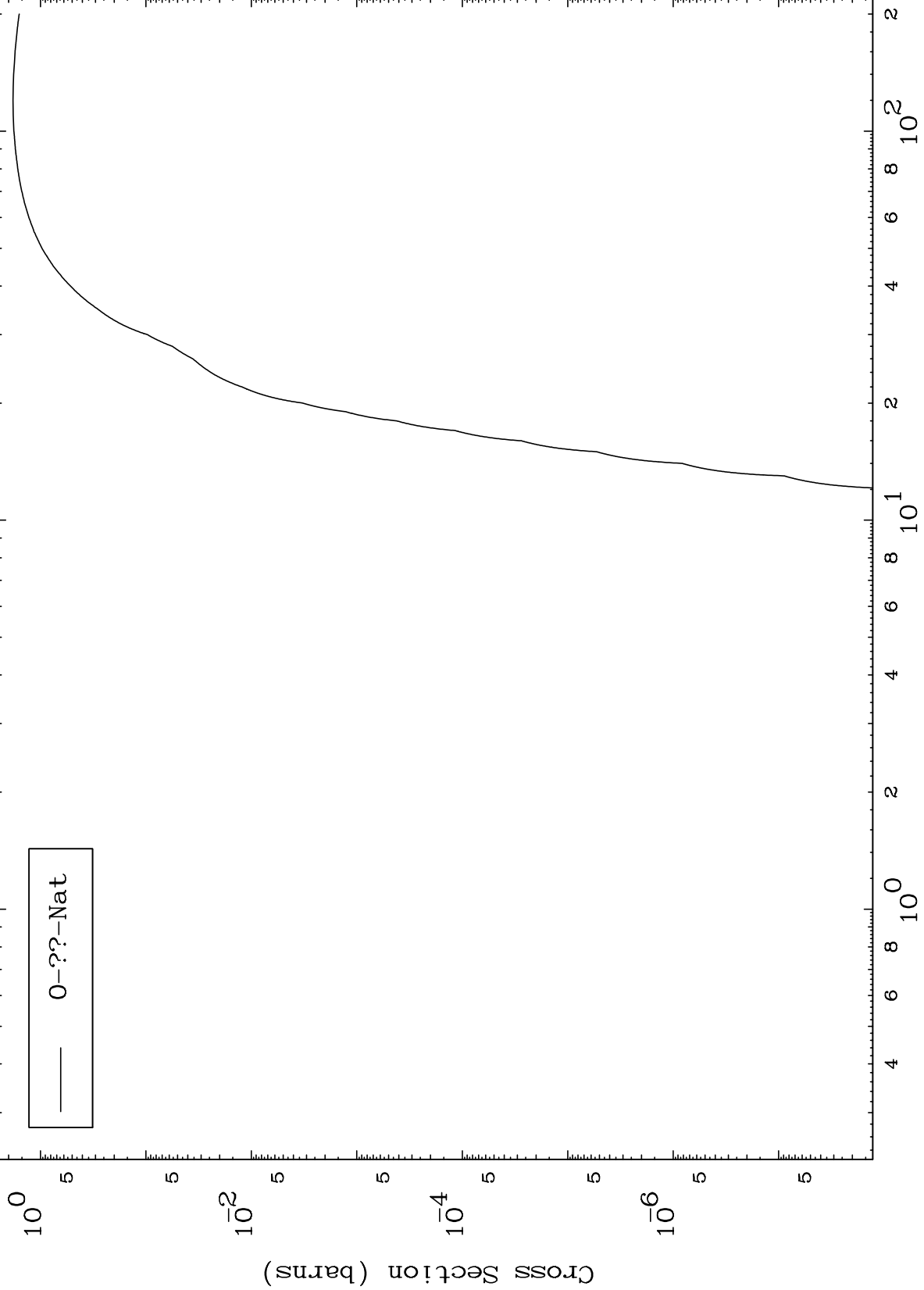
83-Bi-197

MAT 8289

Fission

83-Bi-197

Radionuclide Production Cross Section

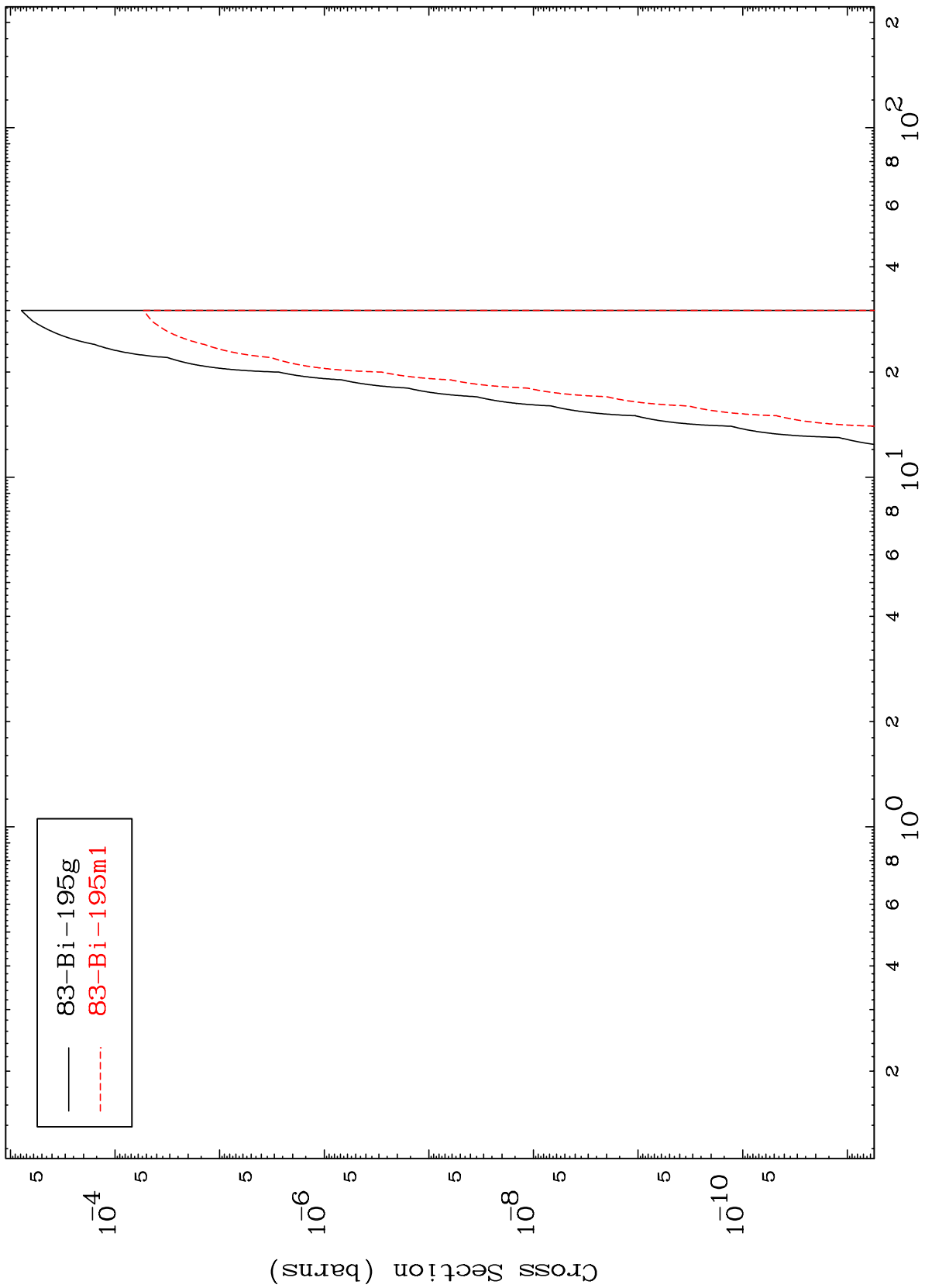


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$(n, n') \alpha$

83-Bi-197

Radionuclide Production Cross Section



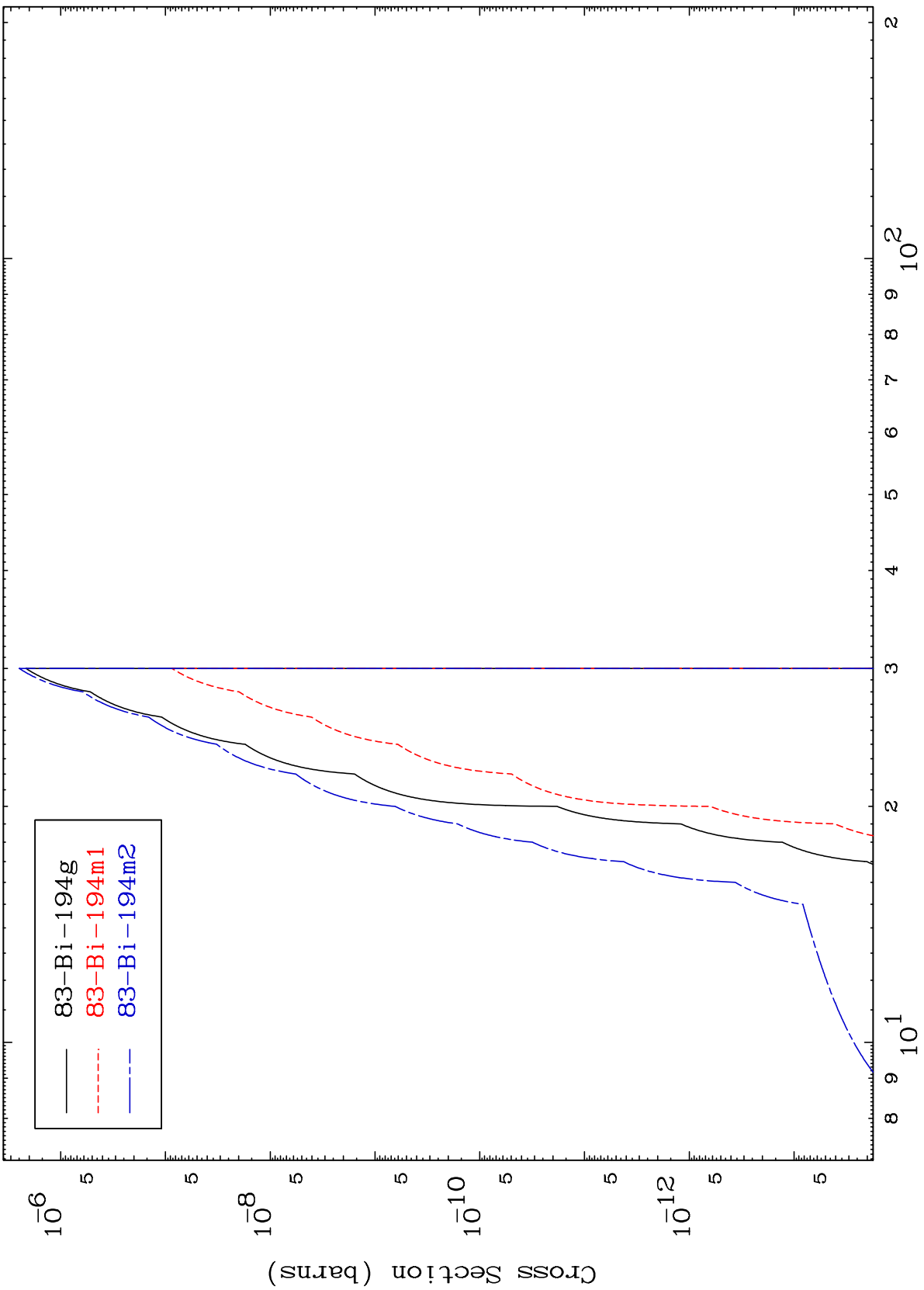


MAT 8289

(n,2n)  $\alpha$

83-Bi-197

Radionuclide Production Cross Section



16

Incident Energy (MeV)

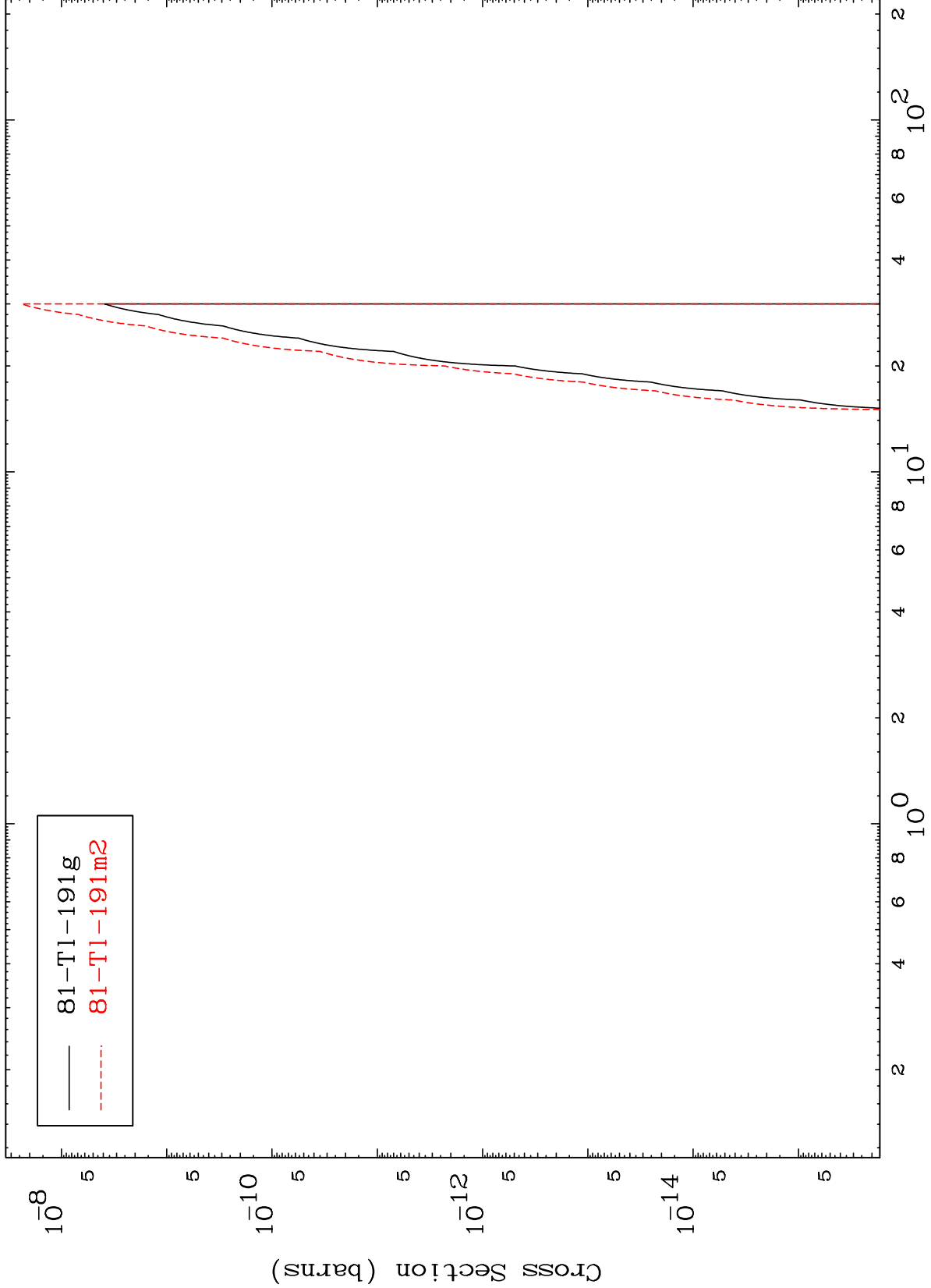
83-Bi-197

MAT 8289

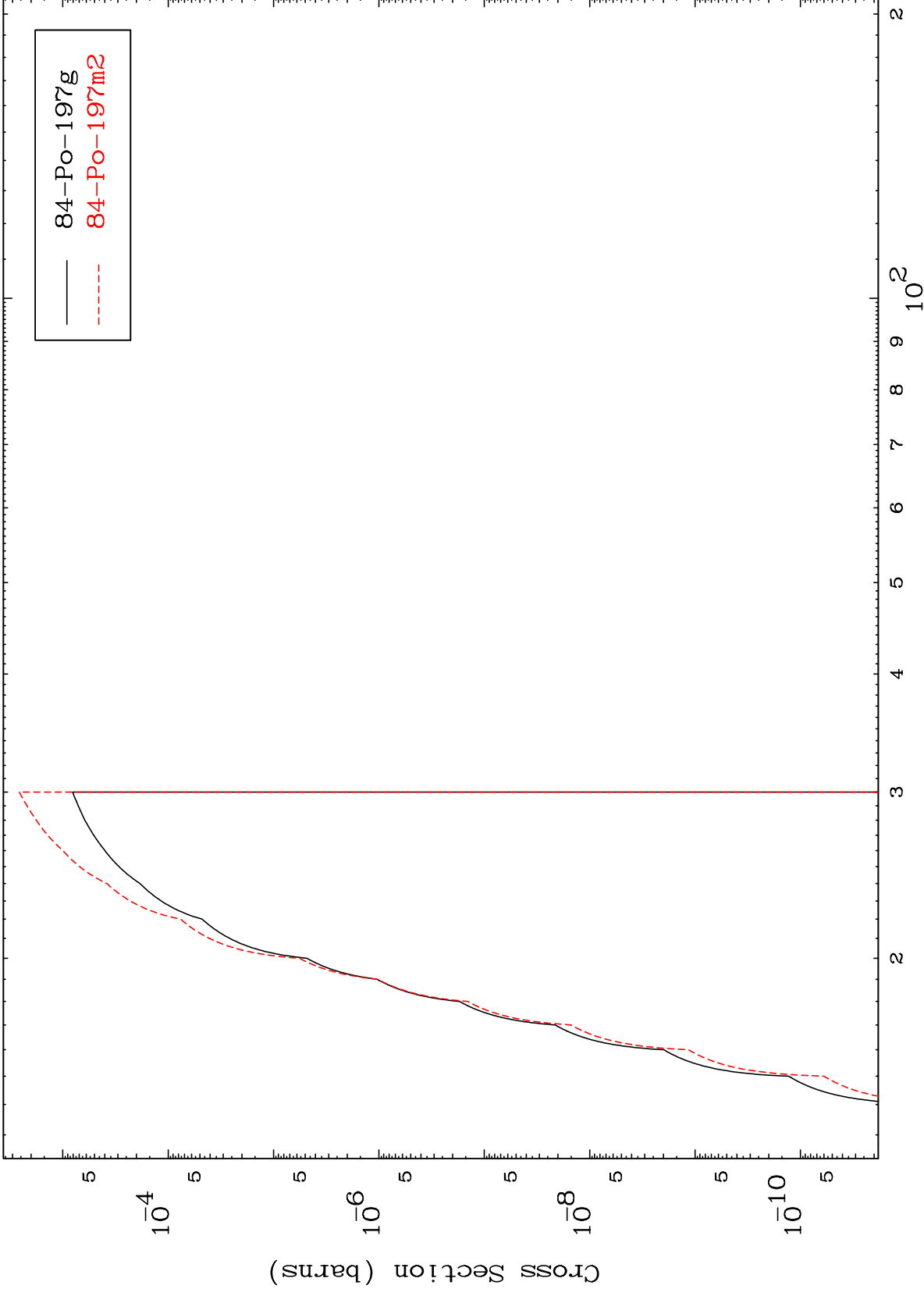
(n,n') 2 $\alpha$

83-Bi-197

Radionuclide Production Cross Section



Radionuclide Production Cross Section



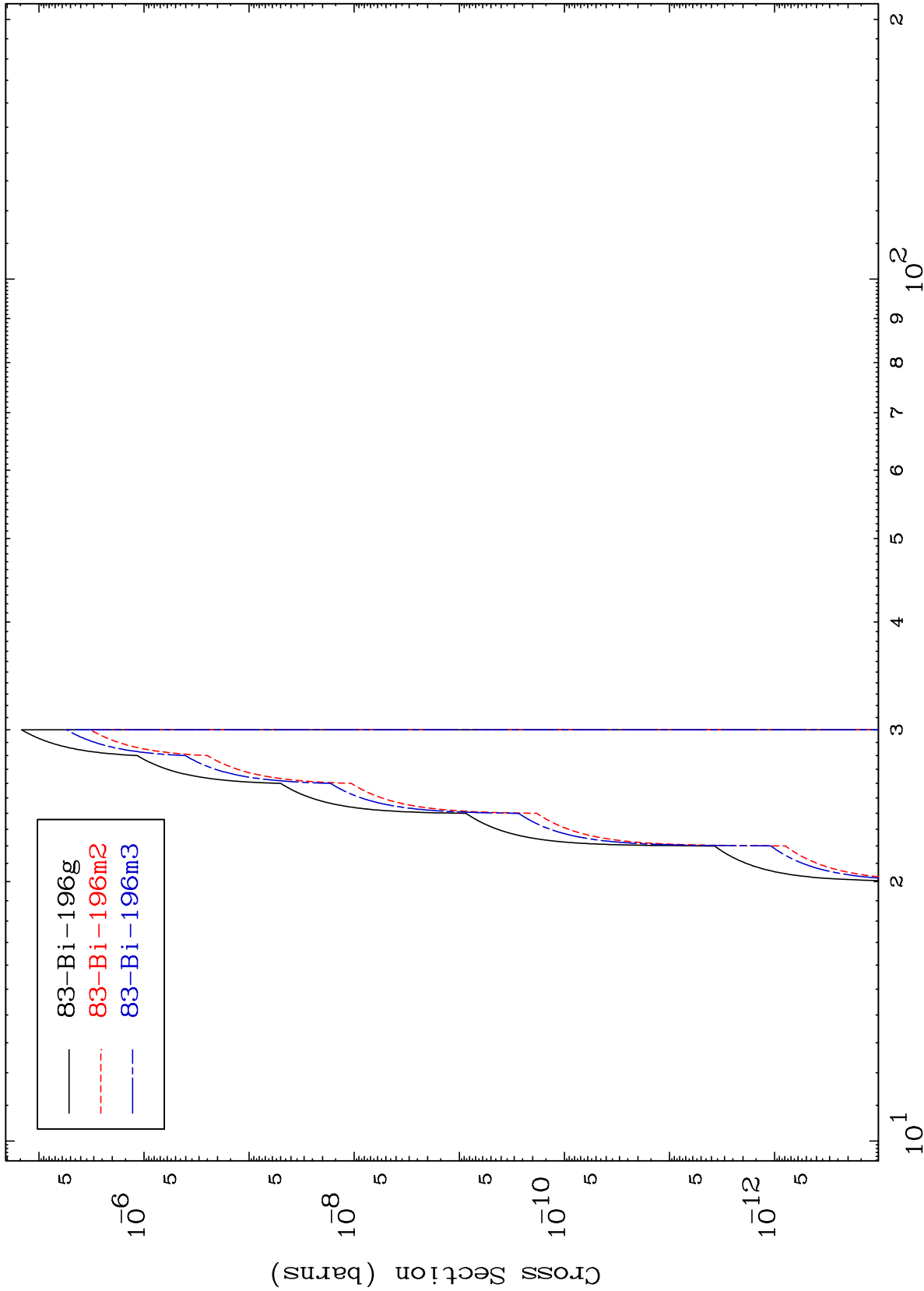
84-Po-197g  
84-Po-197m2

MAT 8289

(n,n') He-3

83-Bi-197

Radionuclide Production Cross Section



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

83-Bi-197

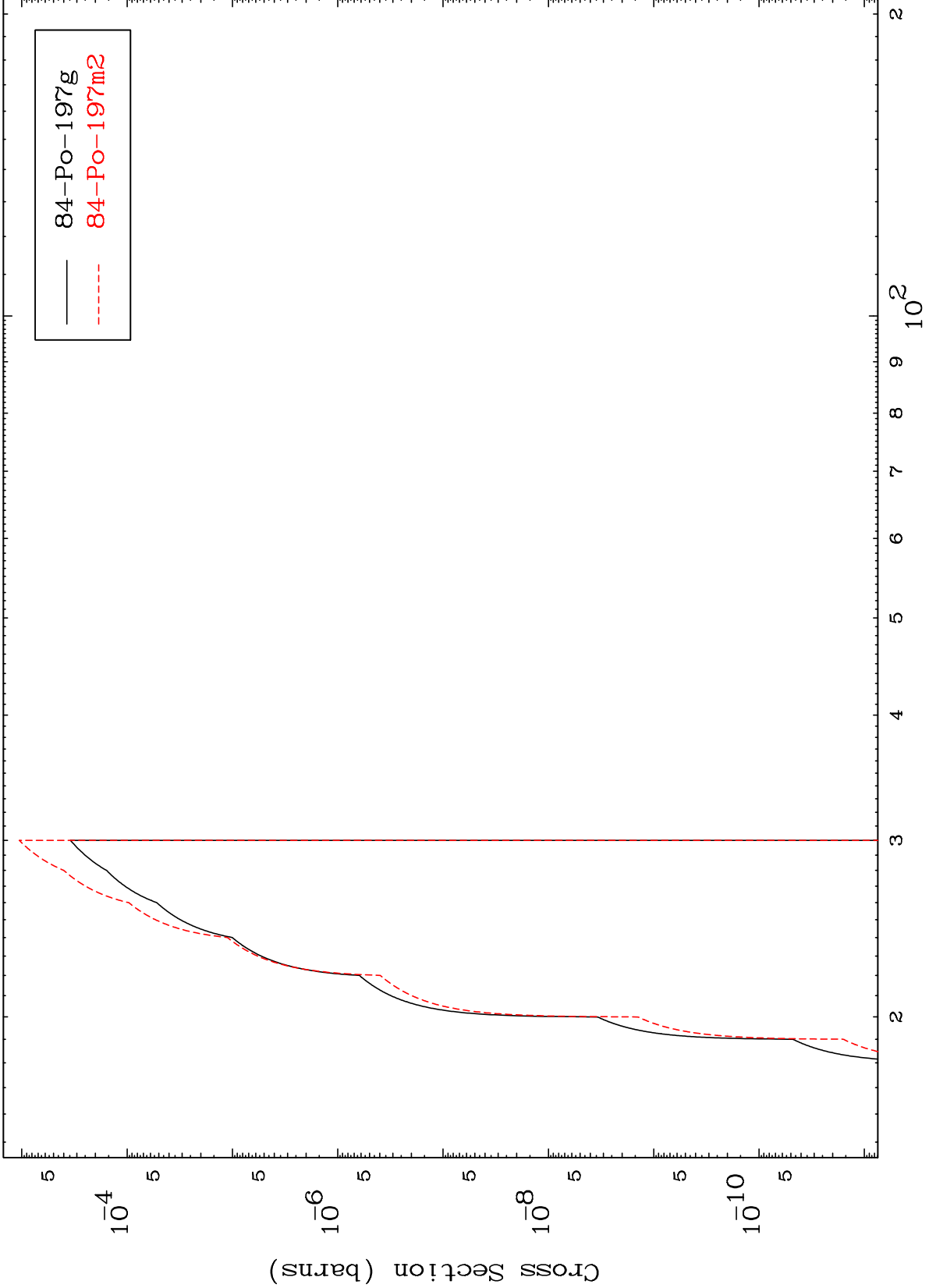
Incident Energy (MeV)

MAT 8289

(n,2n) p

83-Bi-197

Radionuclide Production Cross Section



20

Incident Energy (MeV)

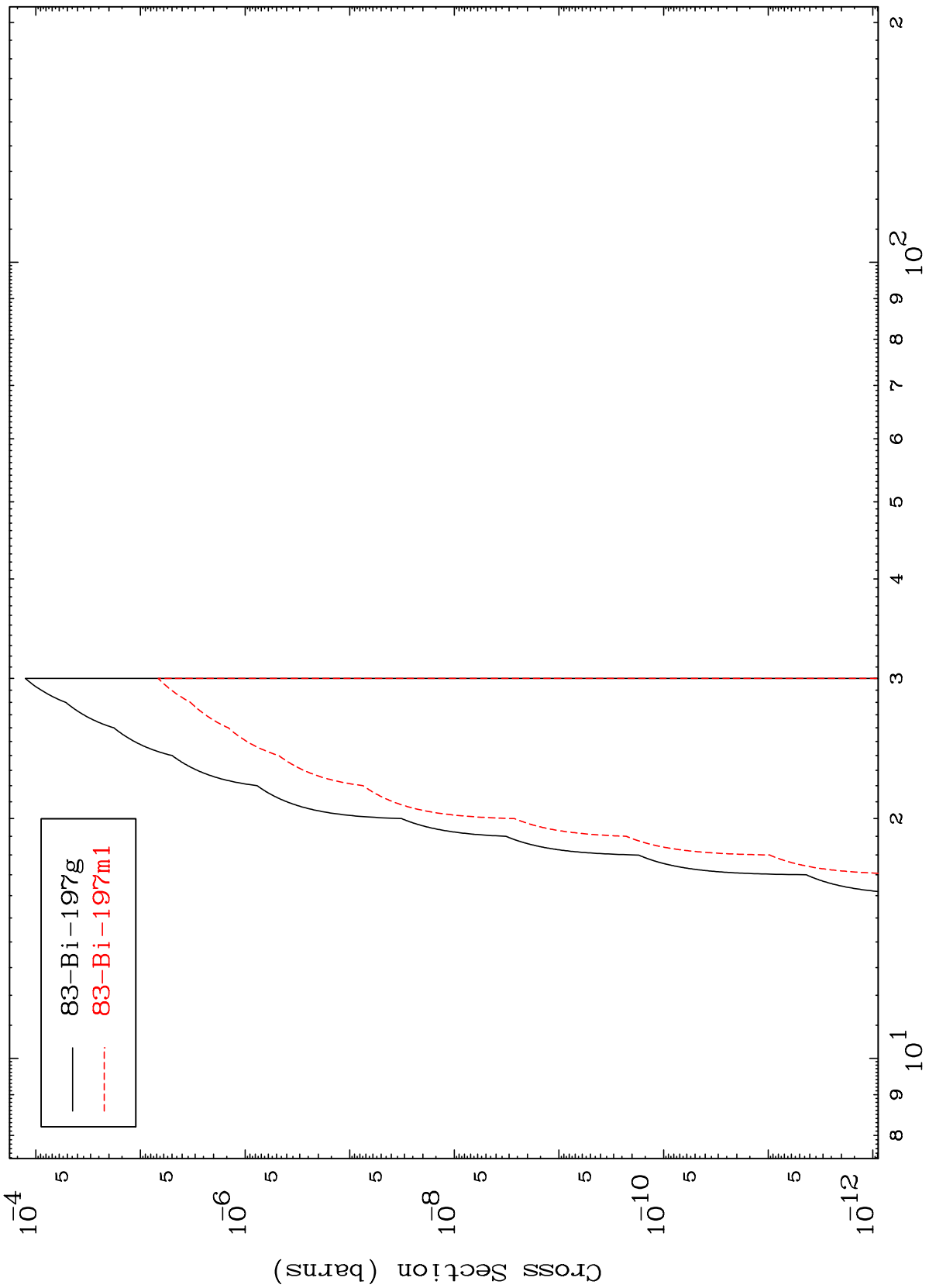
83-Bi-197

MAT 8289

(n,2n) p

83-Bi-197

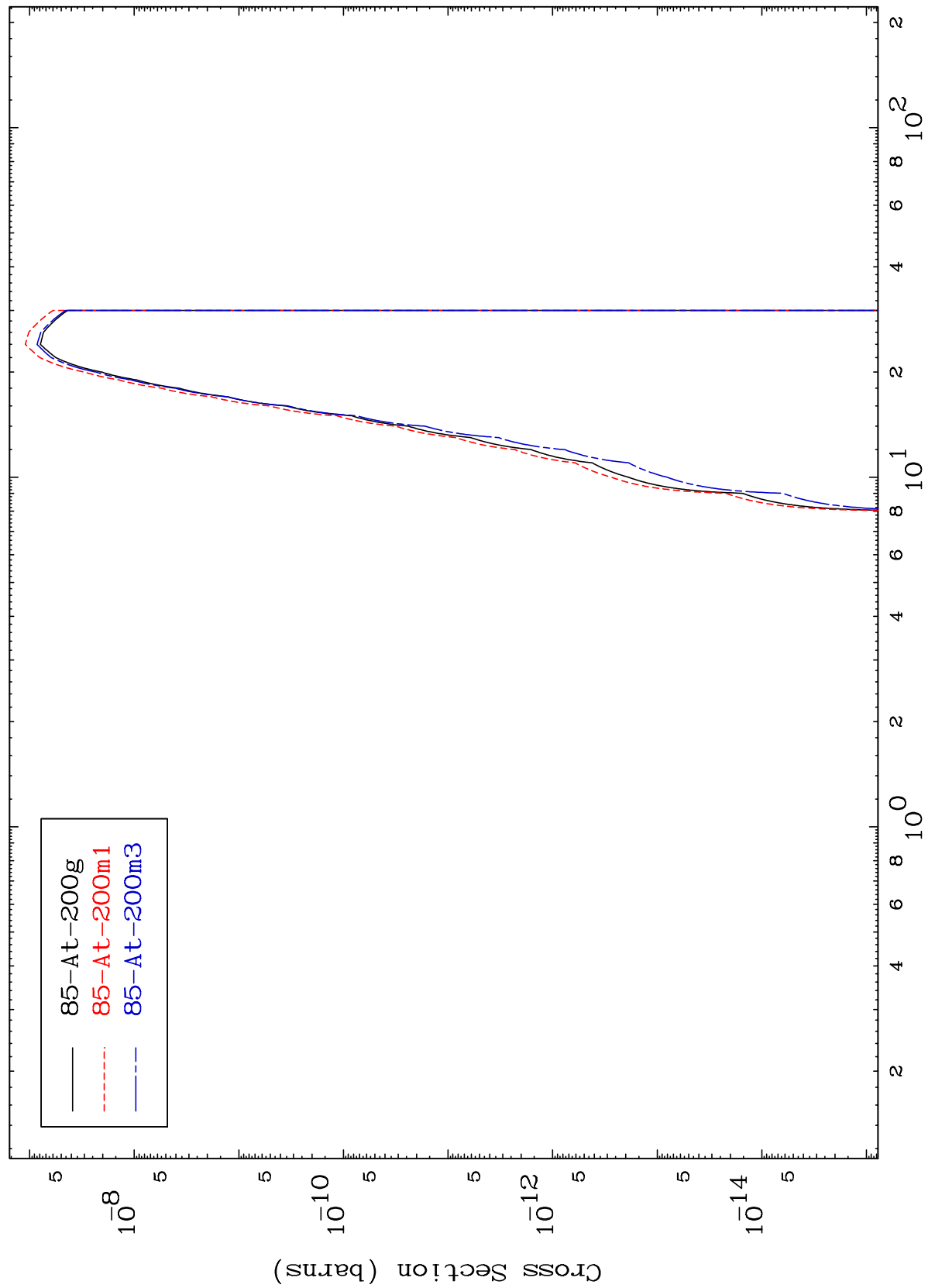
Radionuclide Production Cross Section



MAT 8289

83-Bi-197

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



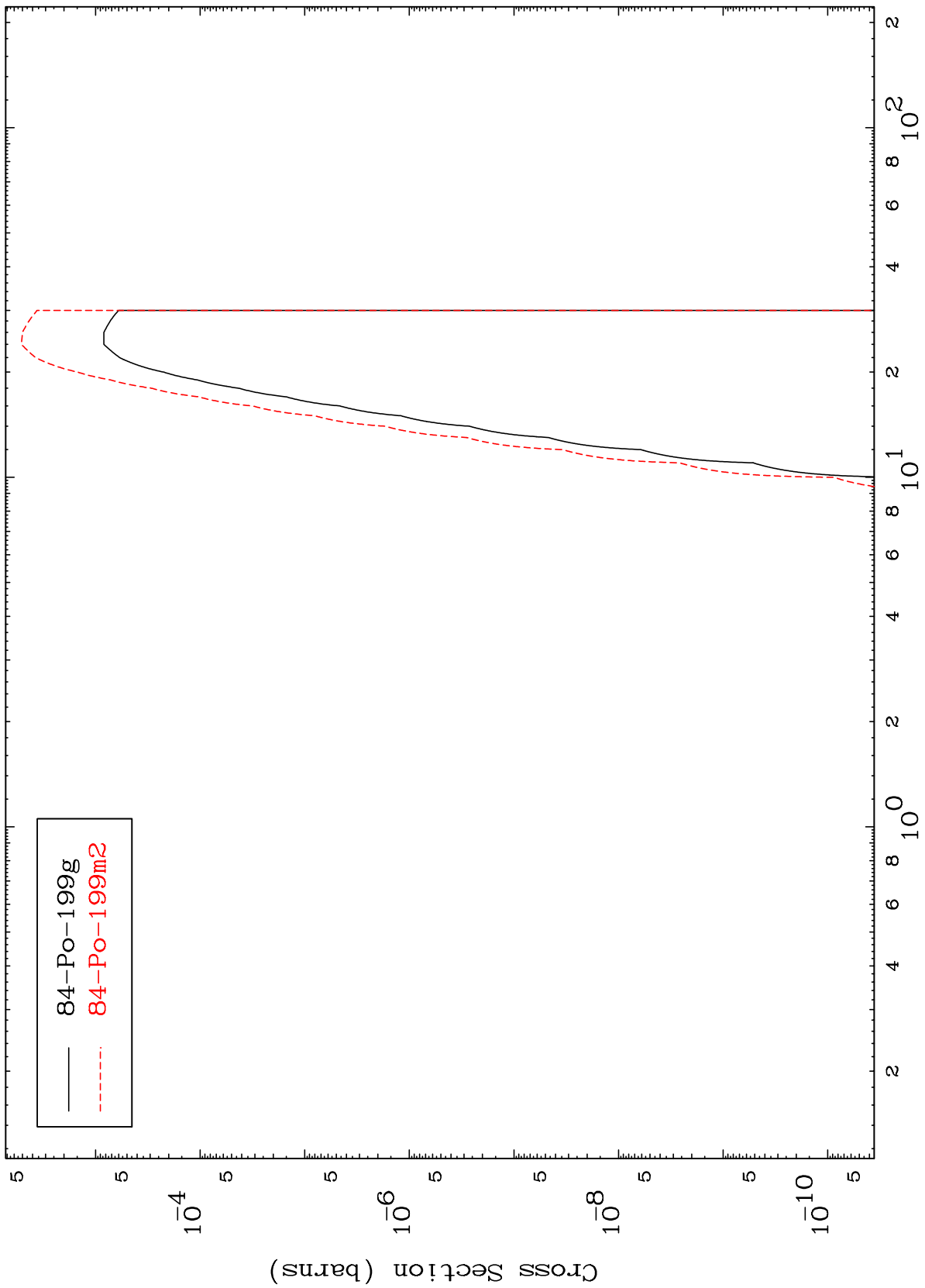
22

83-Bi-197

MAT 8289

83-Bi-197

(n,p)  
Radionuclide Production Cross Section



— 84-Po-199g  
- - - 84-Po-199m2

83-Bi-197

Incident Energy (MeV)

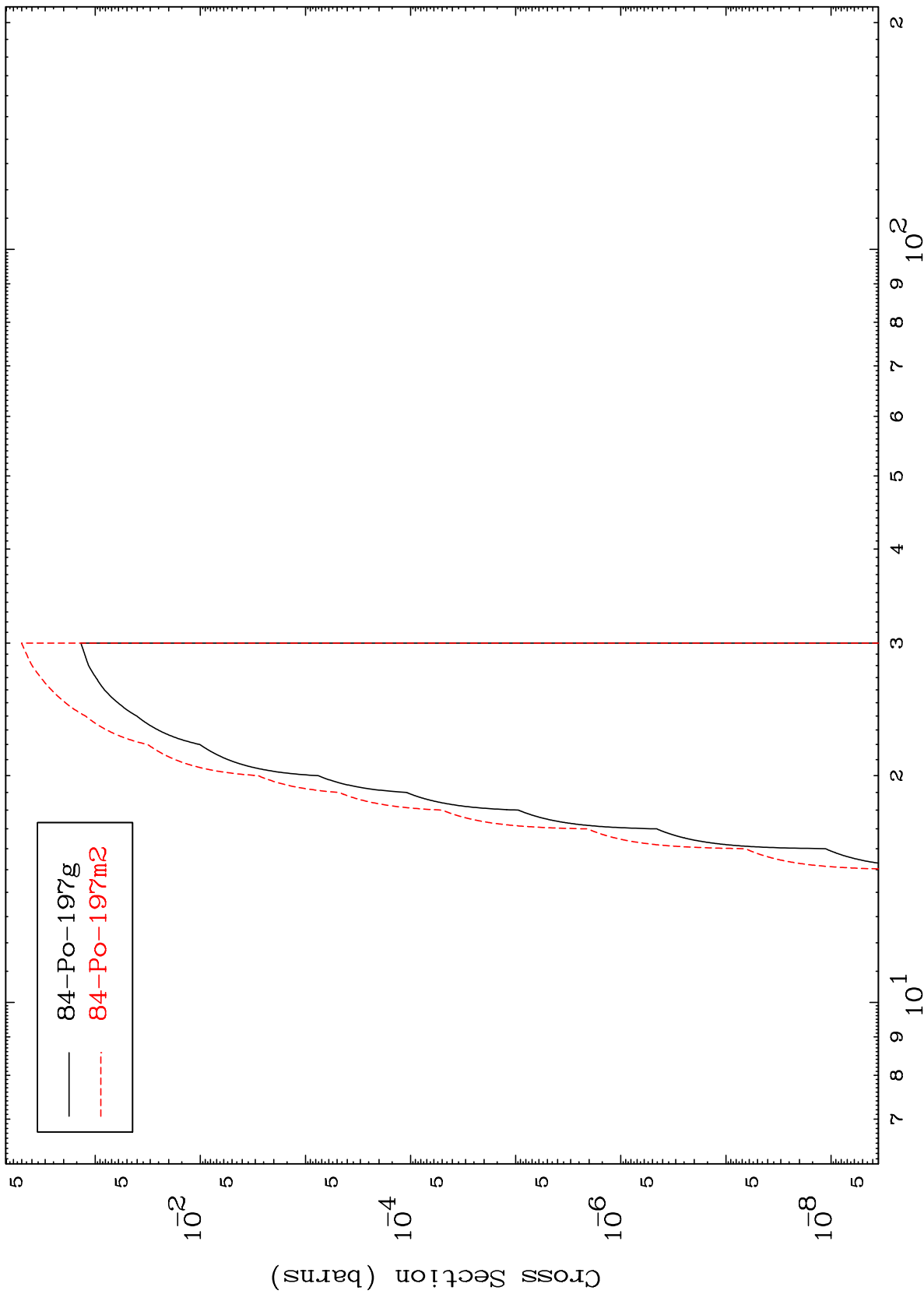
23



MAT 8289

83-Bi-197

(n,t)  
Radionuclide Production Cross Section



24

Incident Energy (MeV)

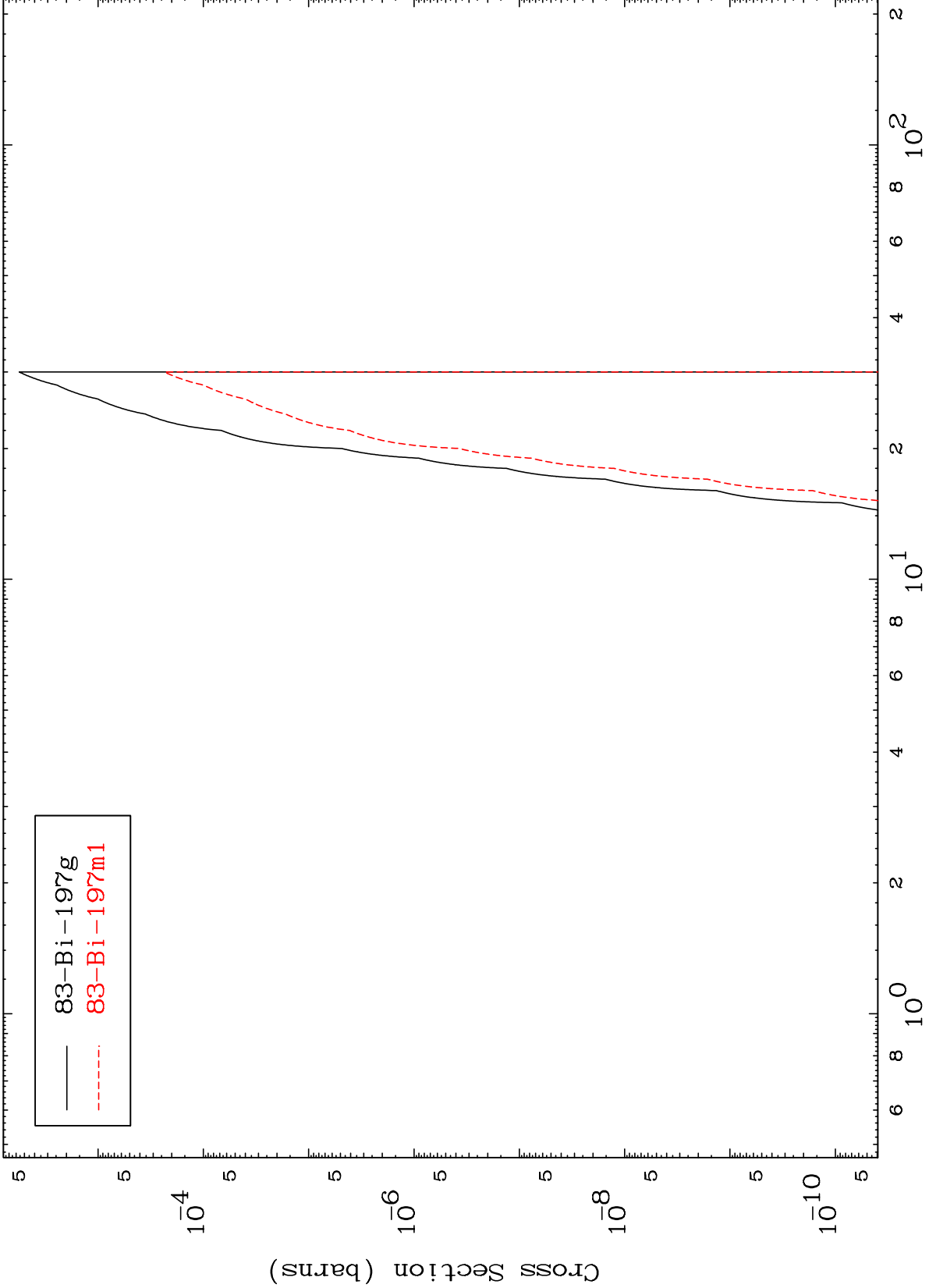
83-Bi-197

MAT 8289

(n,He-3)

83-Bi-197

Radionuclide Production Cross Section



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

25

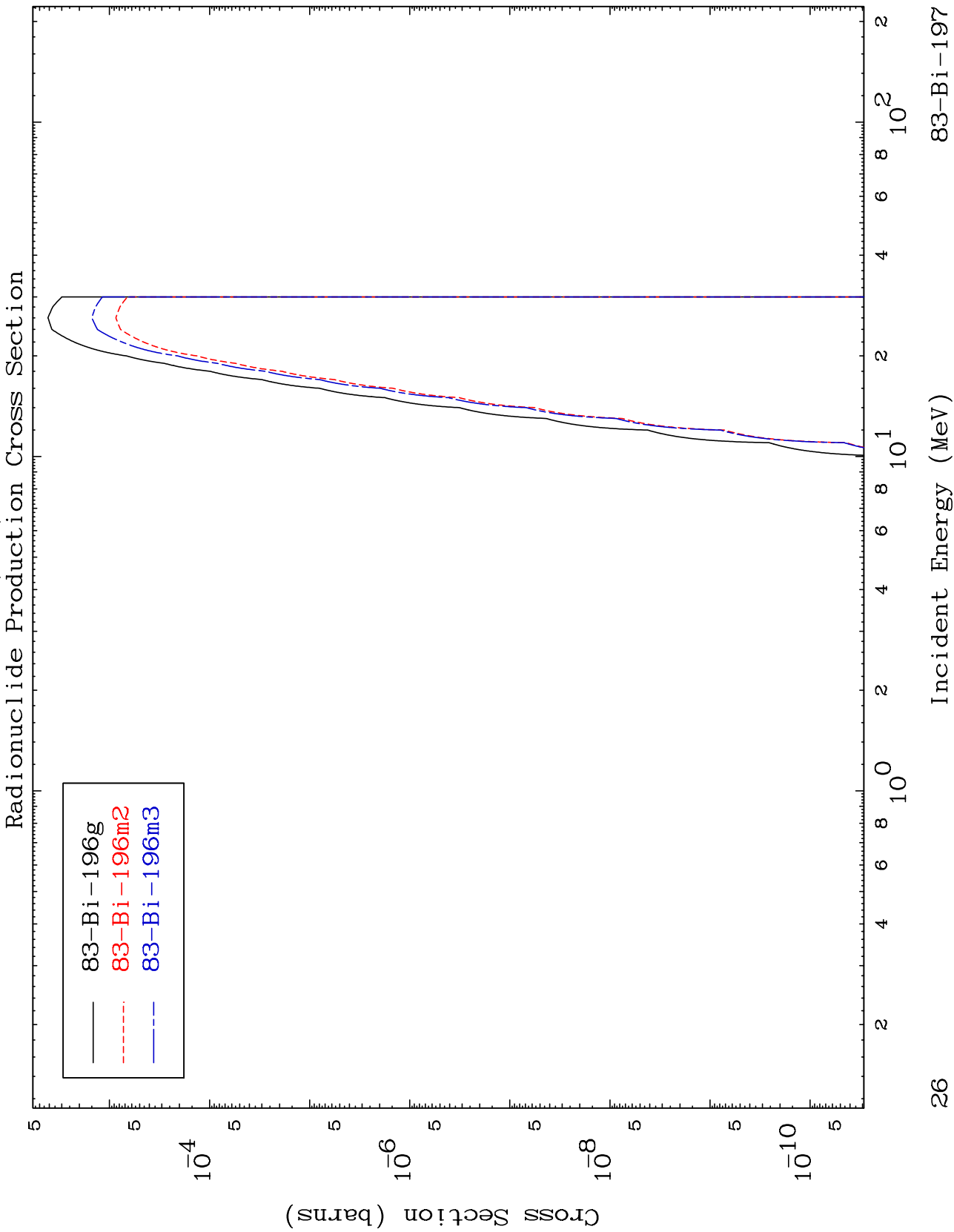
Incident Energy (MeV)

83-Bi-197

MAT 8289

83-Bi-197

(n,  $\alpha$ )



26

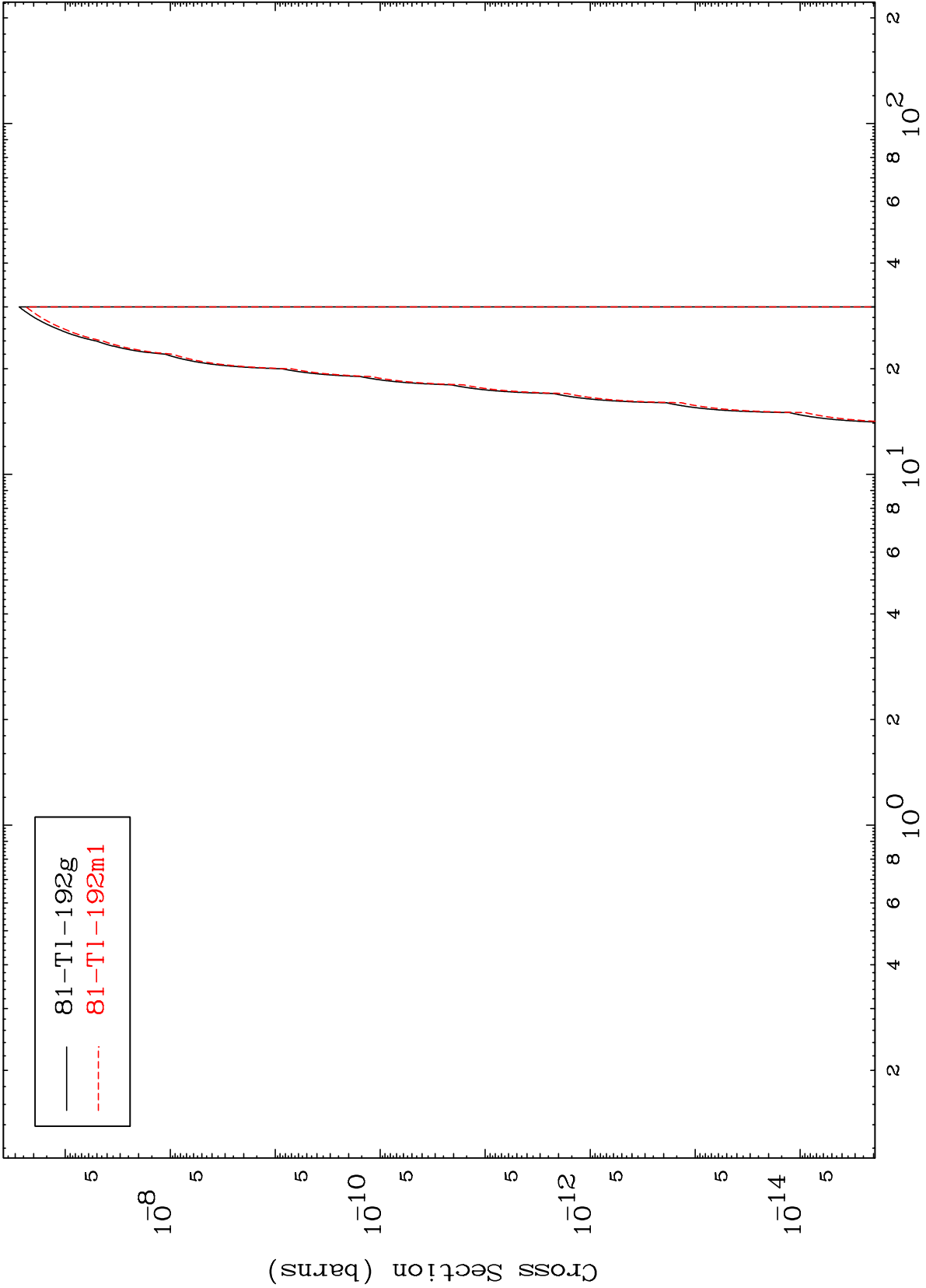
83-Bi-197

MAT 8289

(n,2α)

83-Bi-197

Radionuclide Production Cross Section



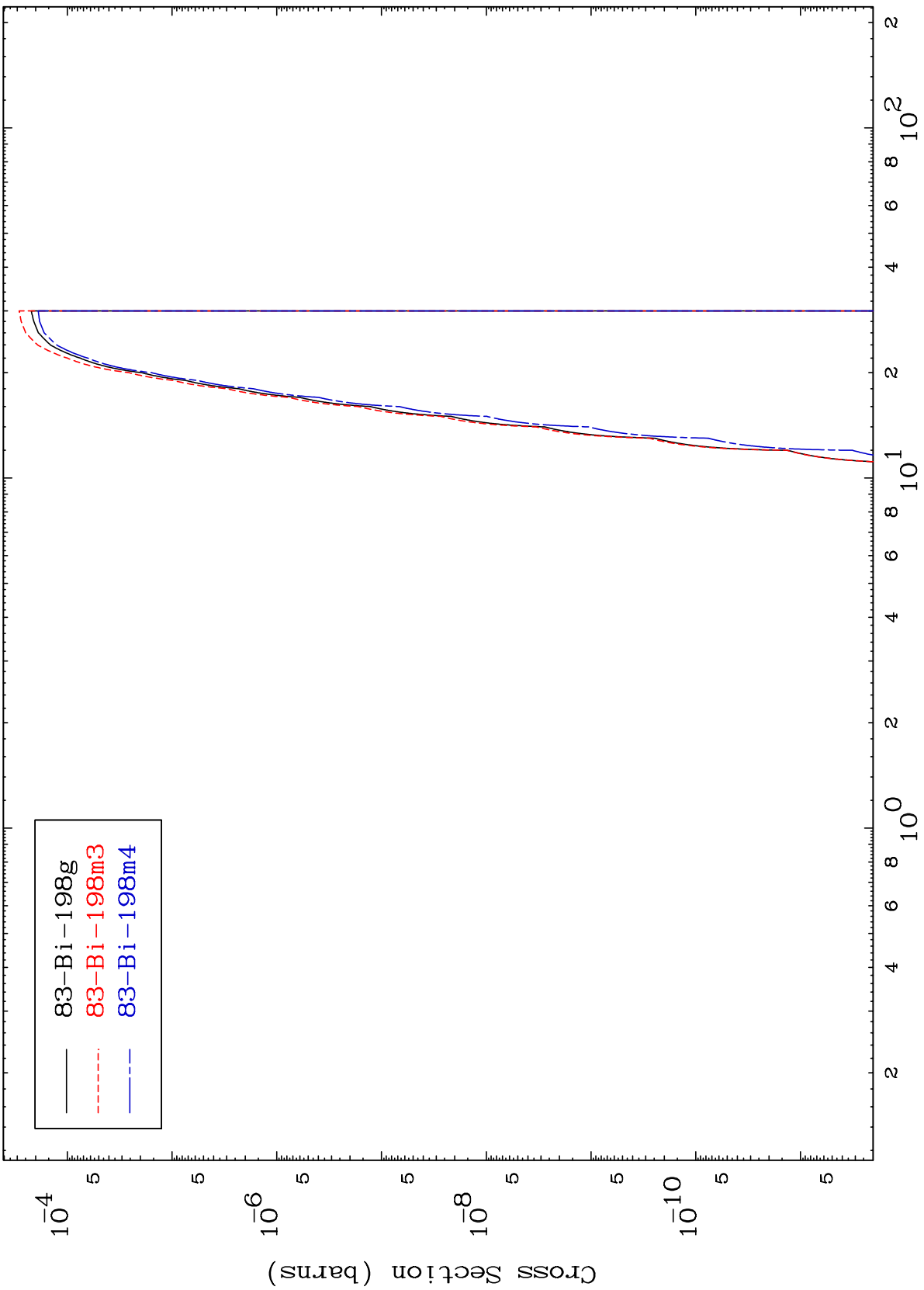
81-Tl-192g  
81-Tl-192m1

MAT 8289

(n,2p)

83-Bi-197

Radionuclide Production Cross Section

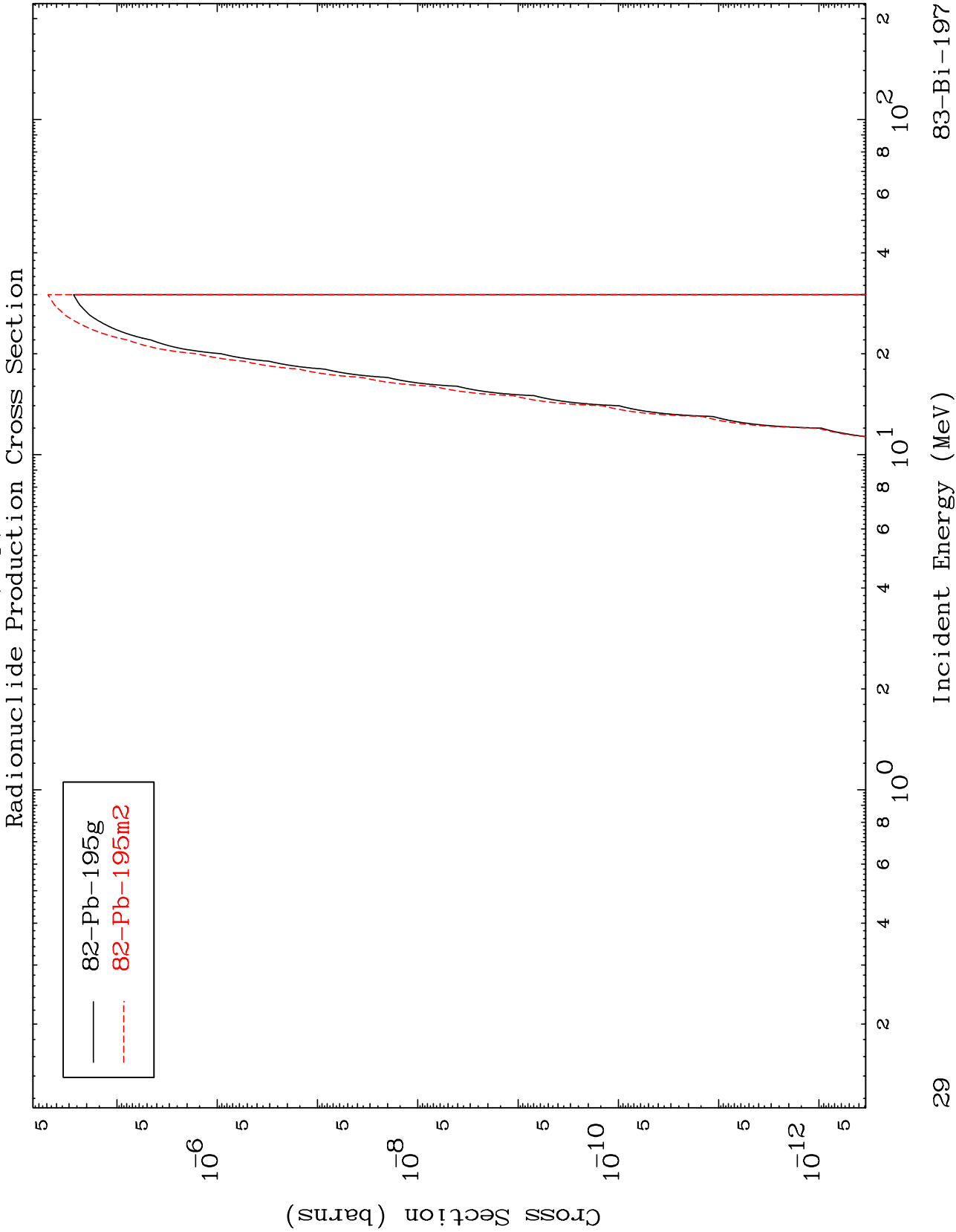


83-Bi-198g  
83-Bi-198m3  
83-Bi-198m4

MAT 8289

(n,p)  $\alpha$

83-Bi-197

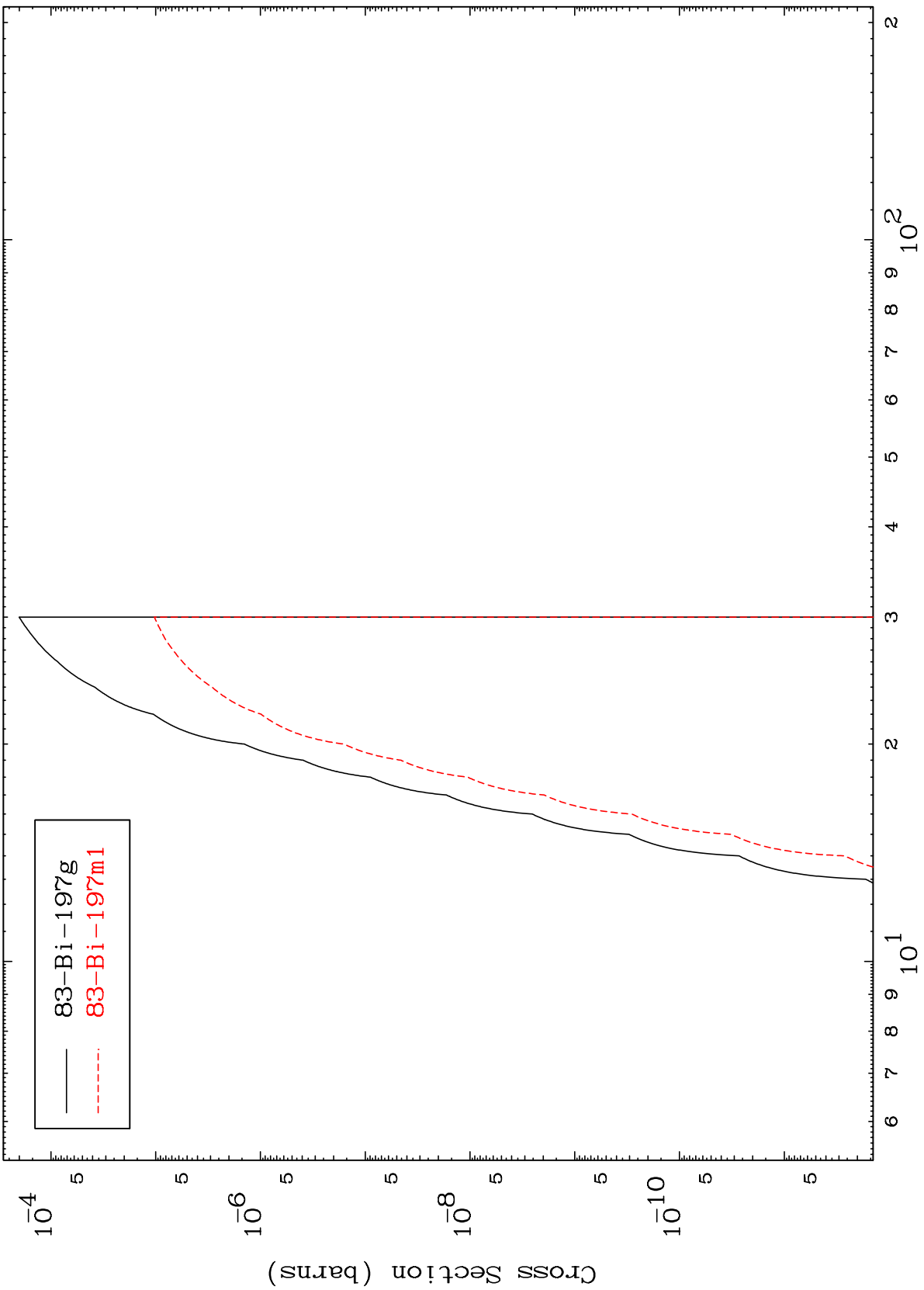


MAT 8289

(n,p) d

83-Bi-197

Radionuclide Production Cross Section



30

Incident Energy (MeV)

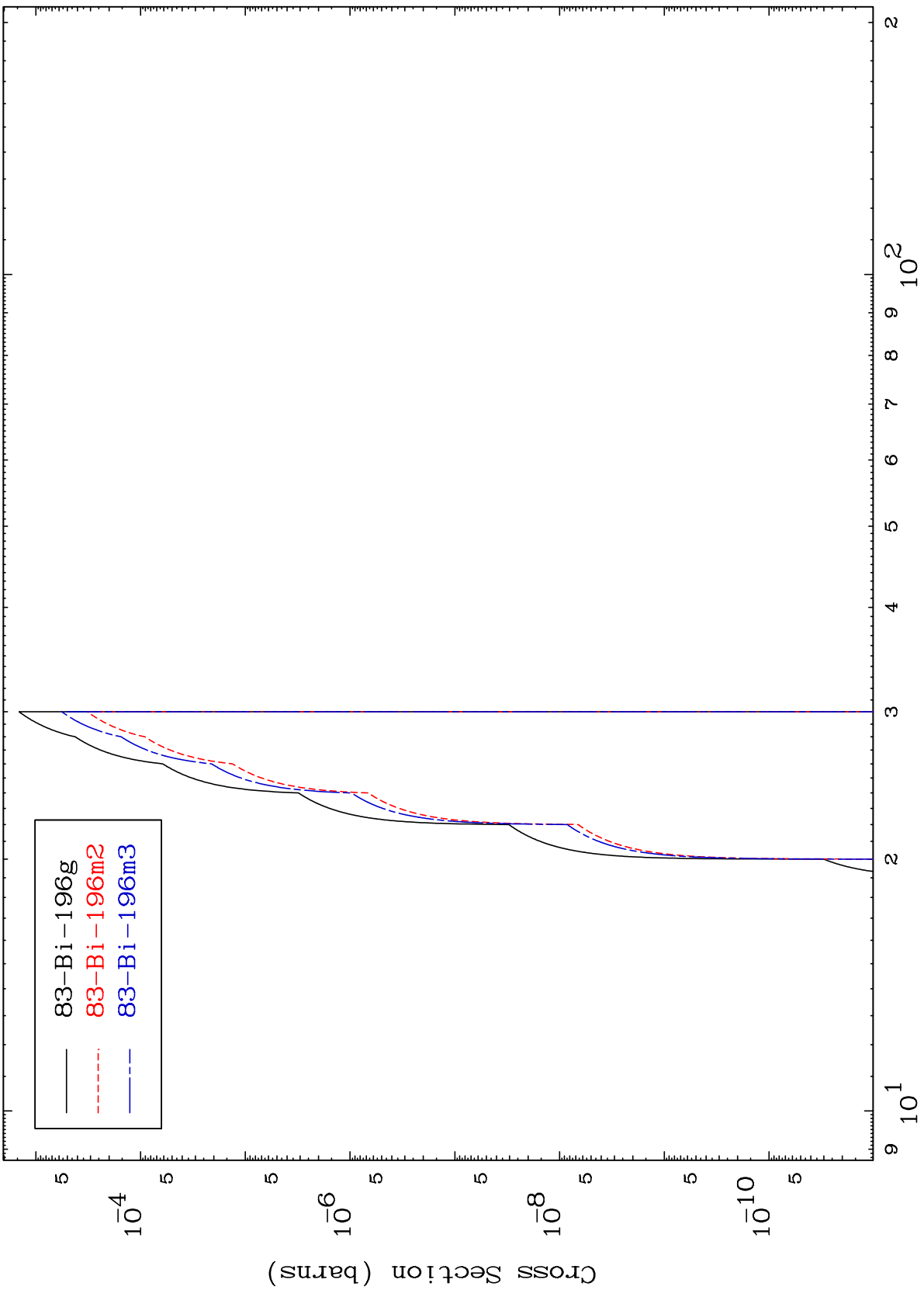
83-Bi-197

MAT 8289

(n,p) t

83-Bi-197

Radionuclide Production Cross Section



31

Incident Energy (MeV)

83-Bi-197