

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

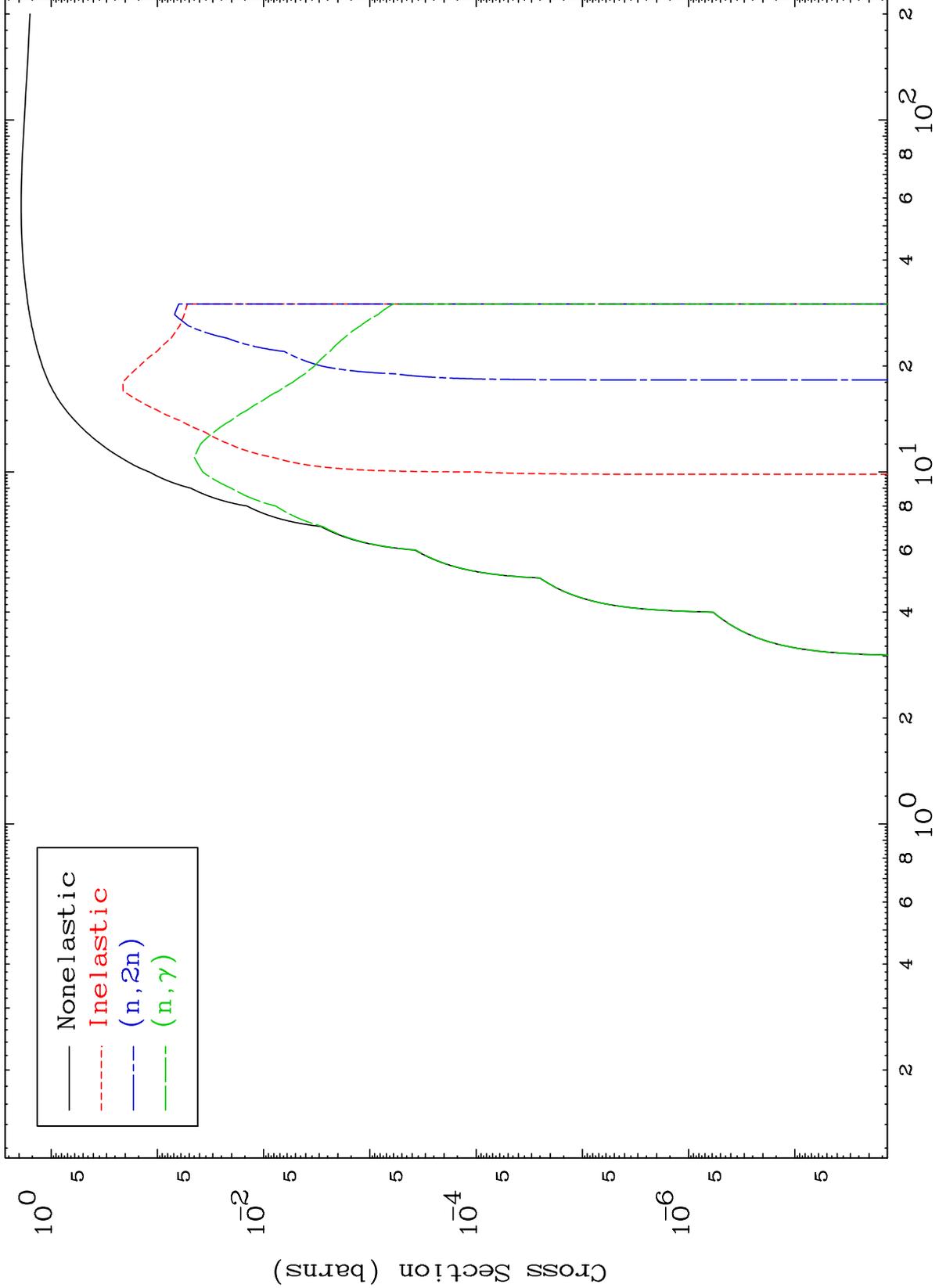
Press Mouse Button to Start

MAT 8189

Proton Major

82-Pb-192

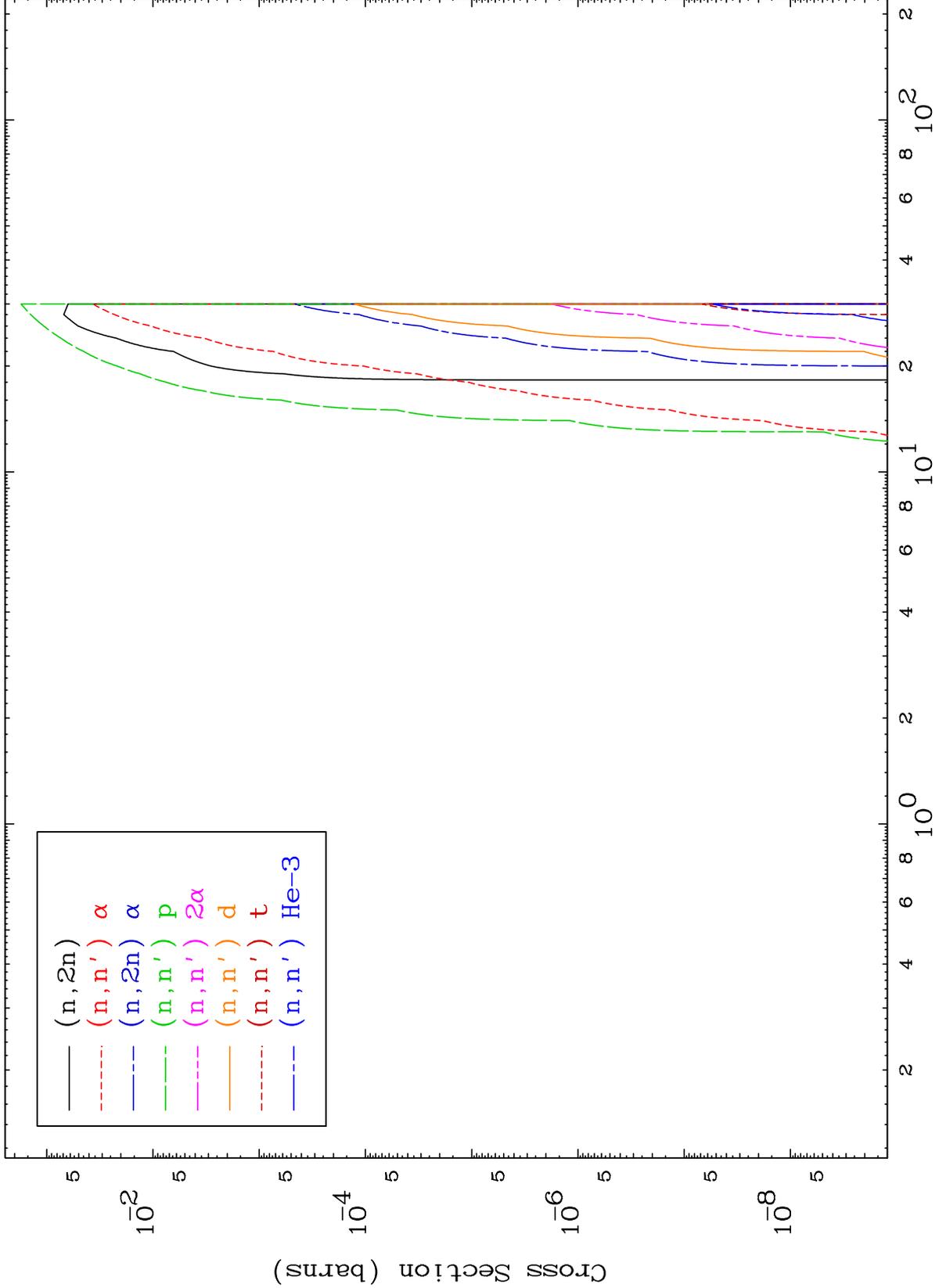
0 Kelvin Cross Sections



MAT 8189

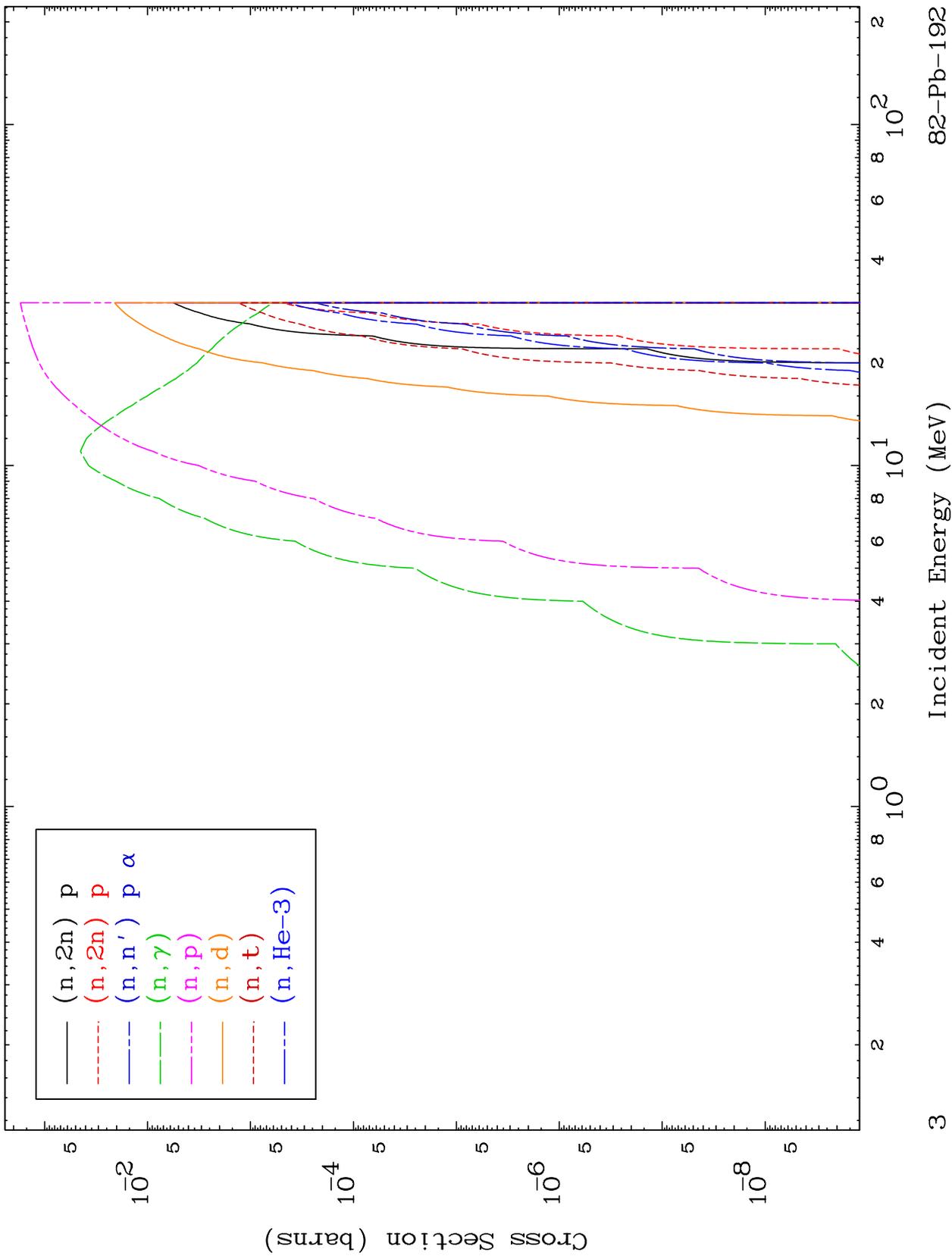
Proton Neutron Absorption  
0 Kelvin Cross Sections

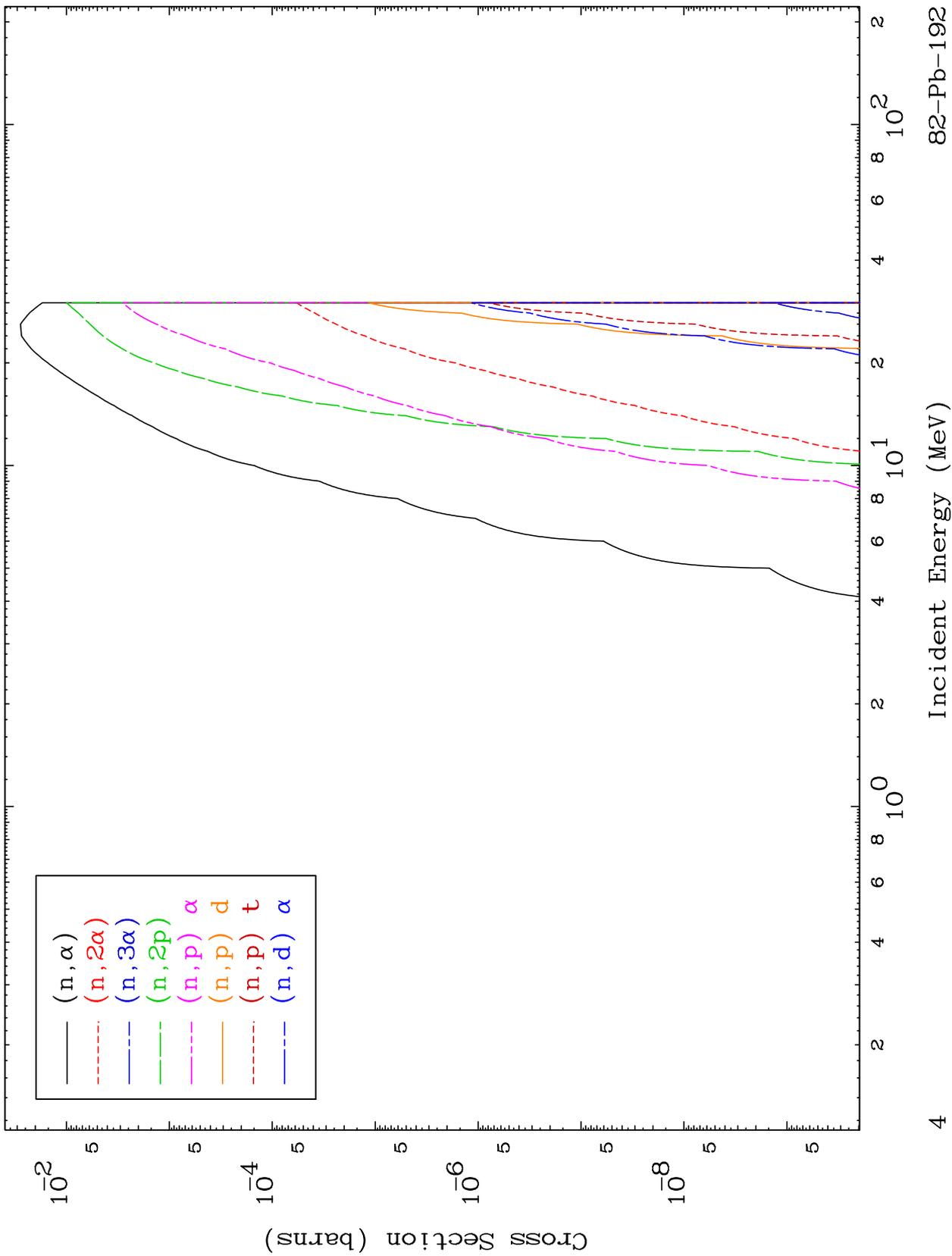
82-Pb-192

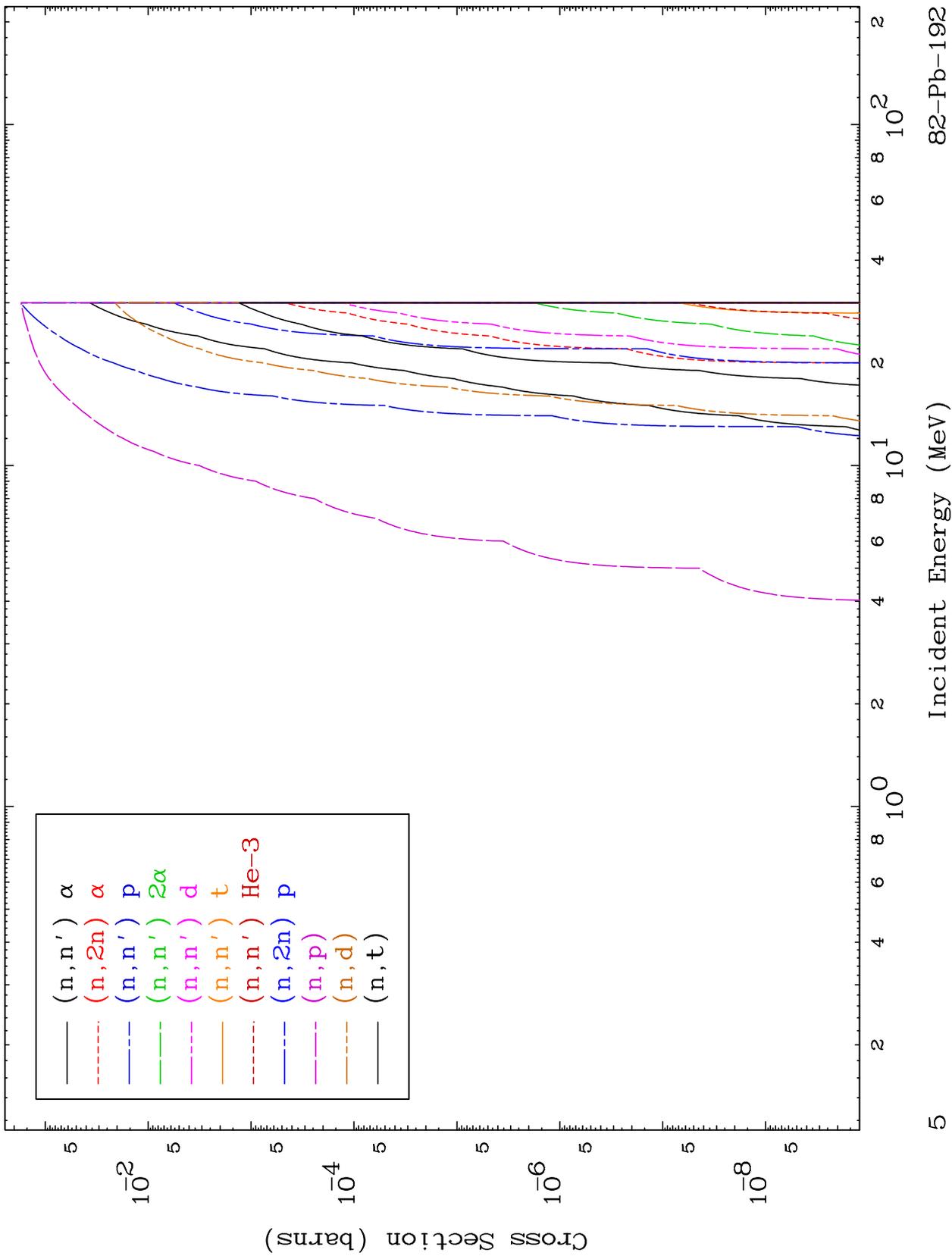


82-Pb-192

Incident Energy (MeV)



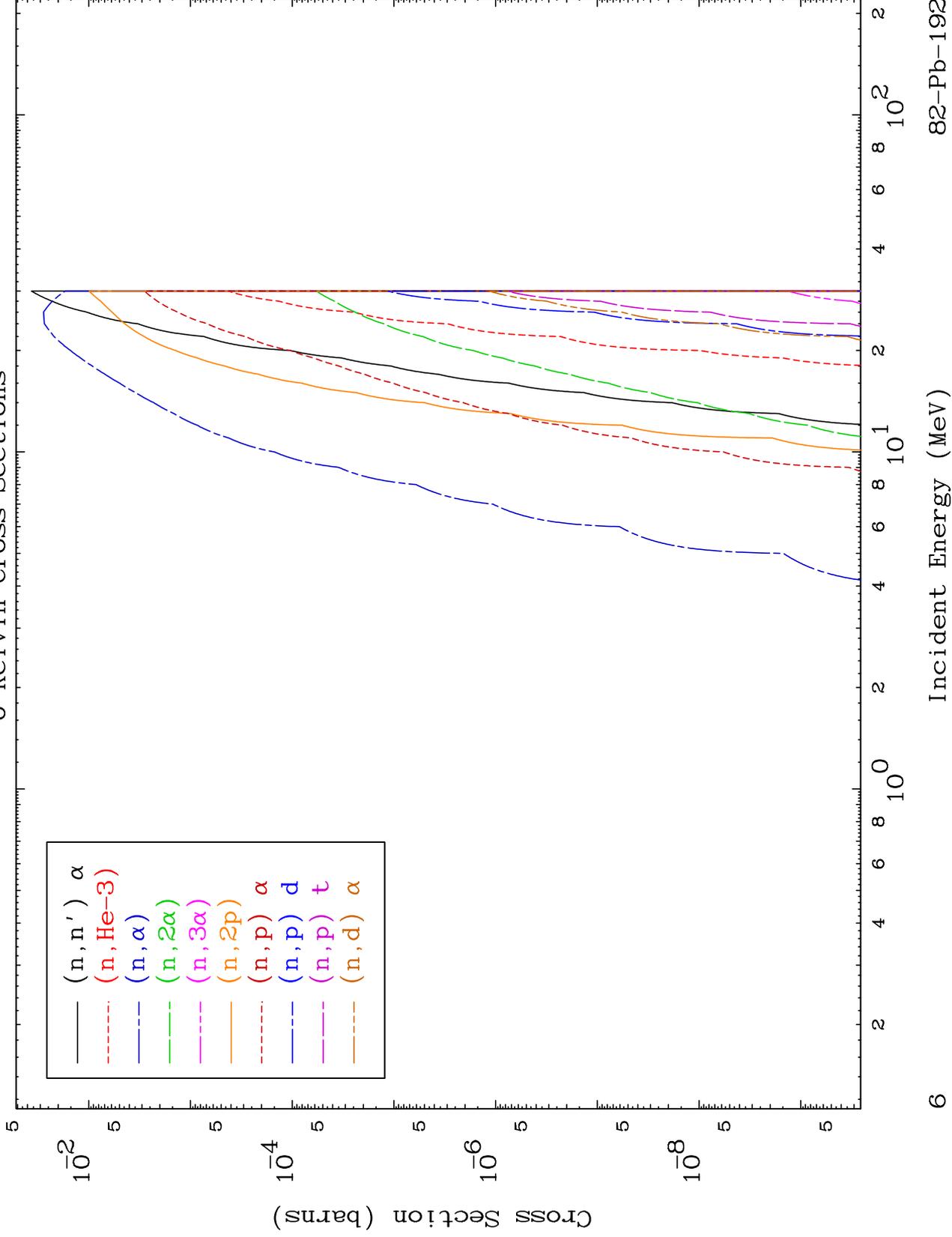




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Proton Charged Particle  
0 Kelvin Cross Sections

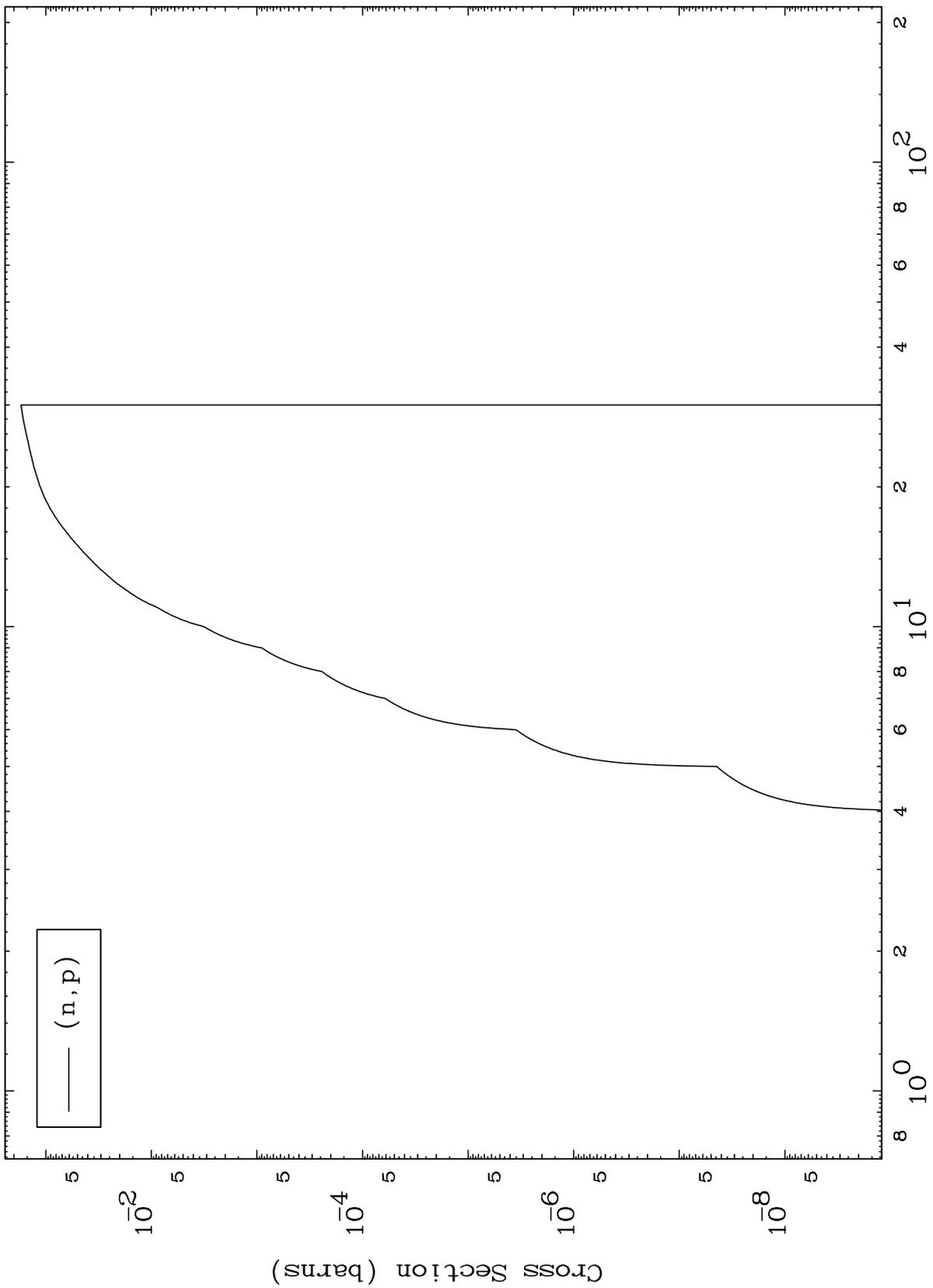
82-Pb-192



MAT 8189

82-Pb-192

(p,p) Levels  
0 Kelvin Cross Sections



82-Pb-192

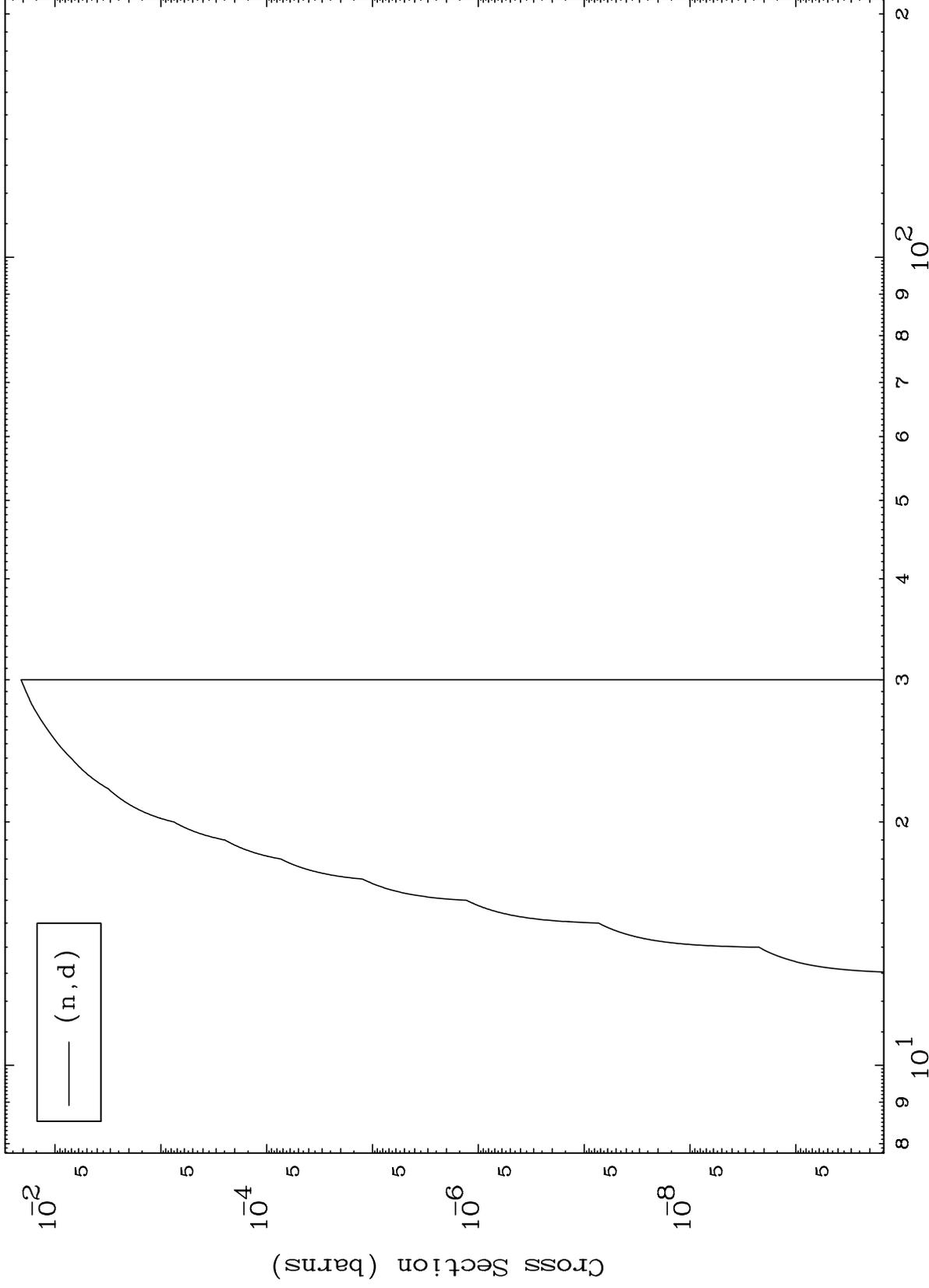
Incident Energy (MeV)

7

MAT 8189

(p,d) Levels  
0 Kelvin Cross Sections

82-Pb-192



8

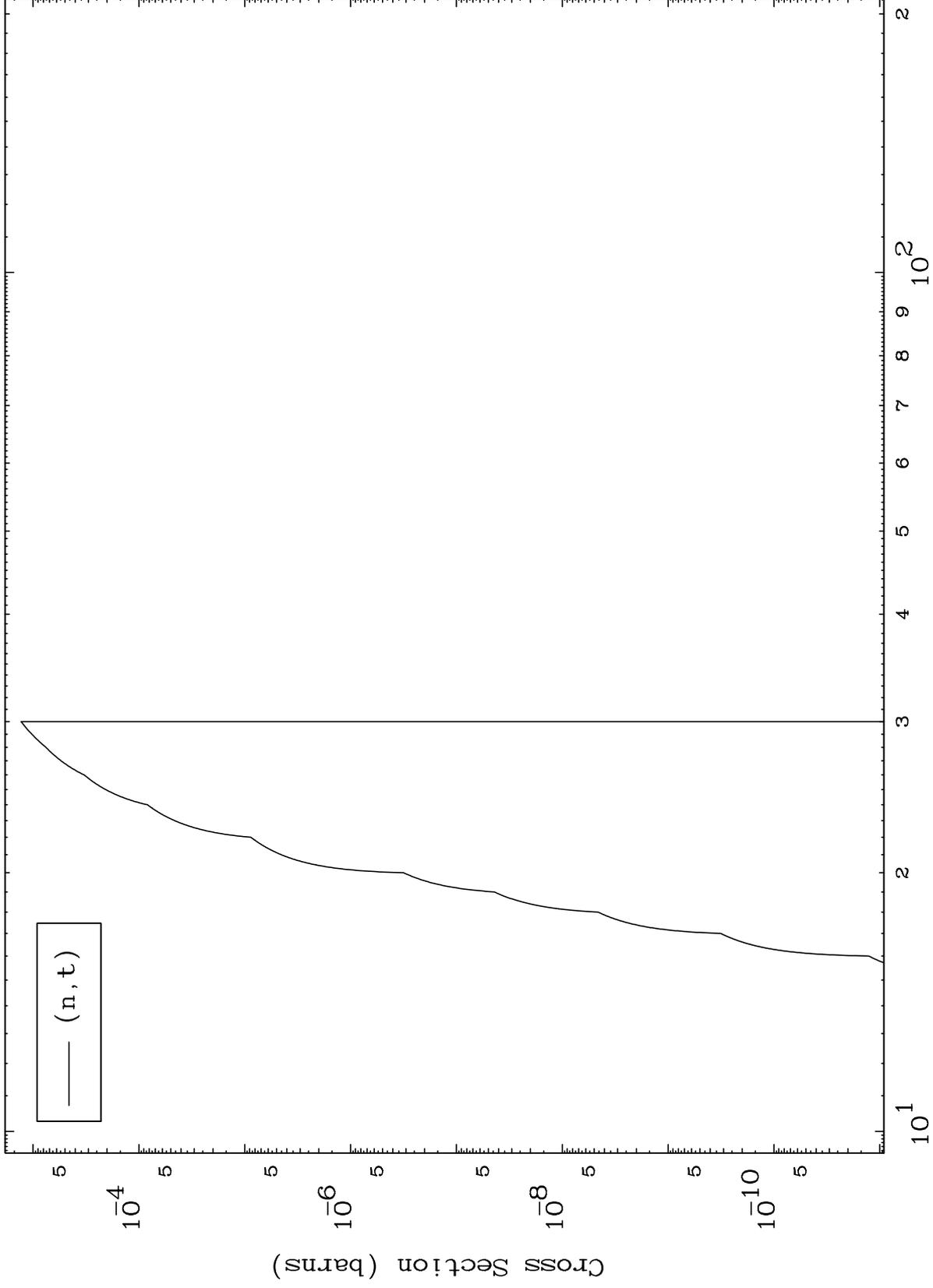
Incident Energy (MeV)

82-Pb-192

MAT 8189

(p,t) Levels  
0 Kelvin Cross Sections

82-Pb-192



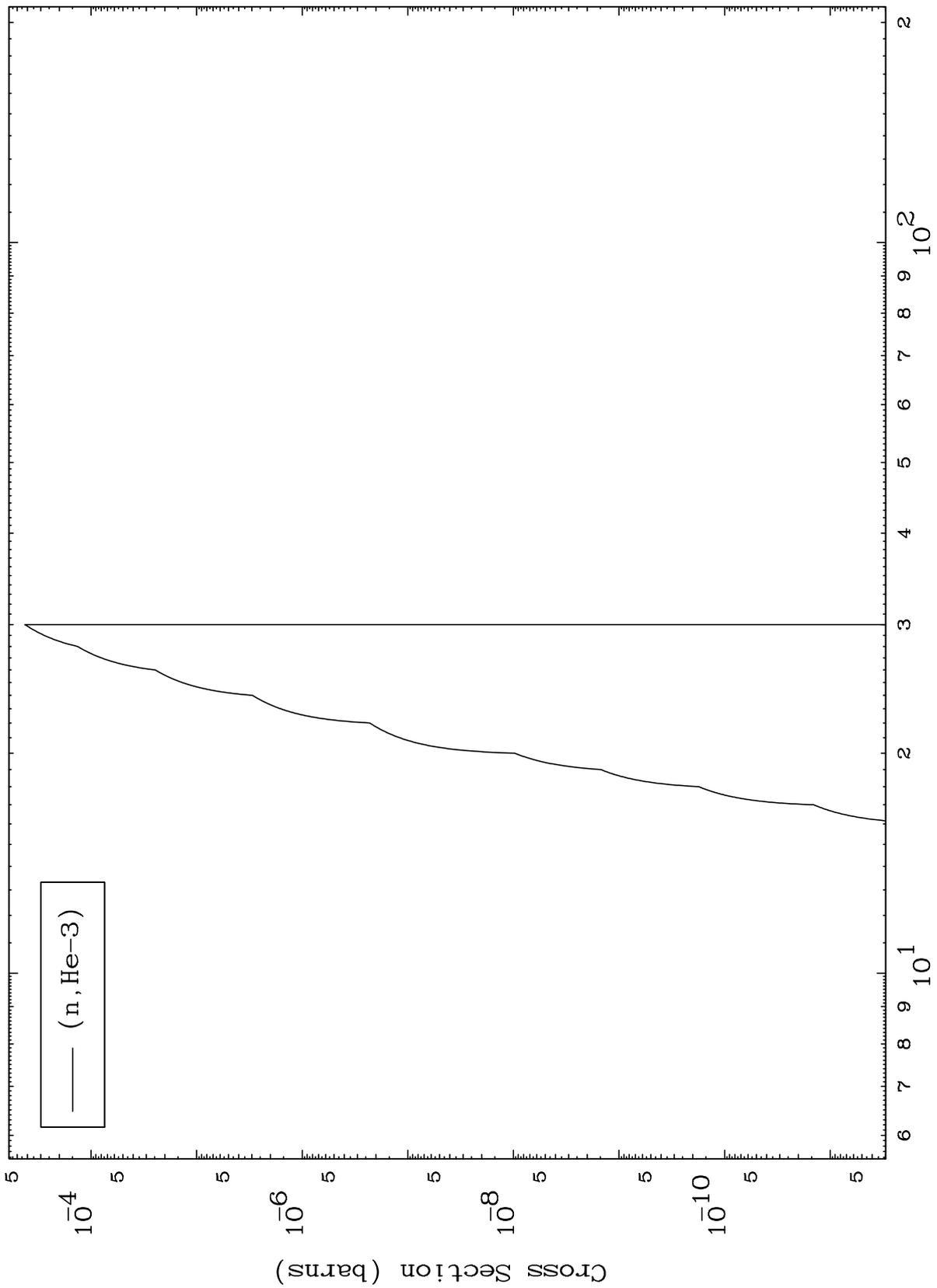
Incident Energy (MeV)

82-Pb-192

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(p,He3) Levels  
0 Kelvin Cross Sections

82-Pb-192



10

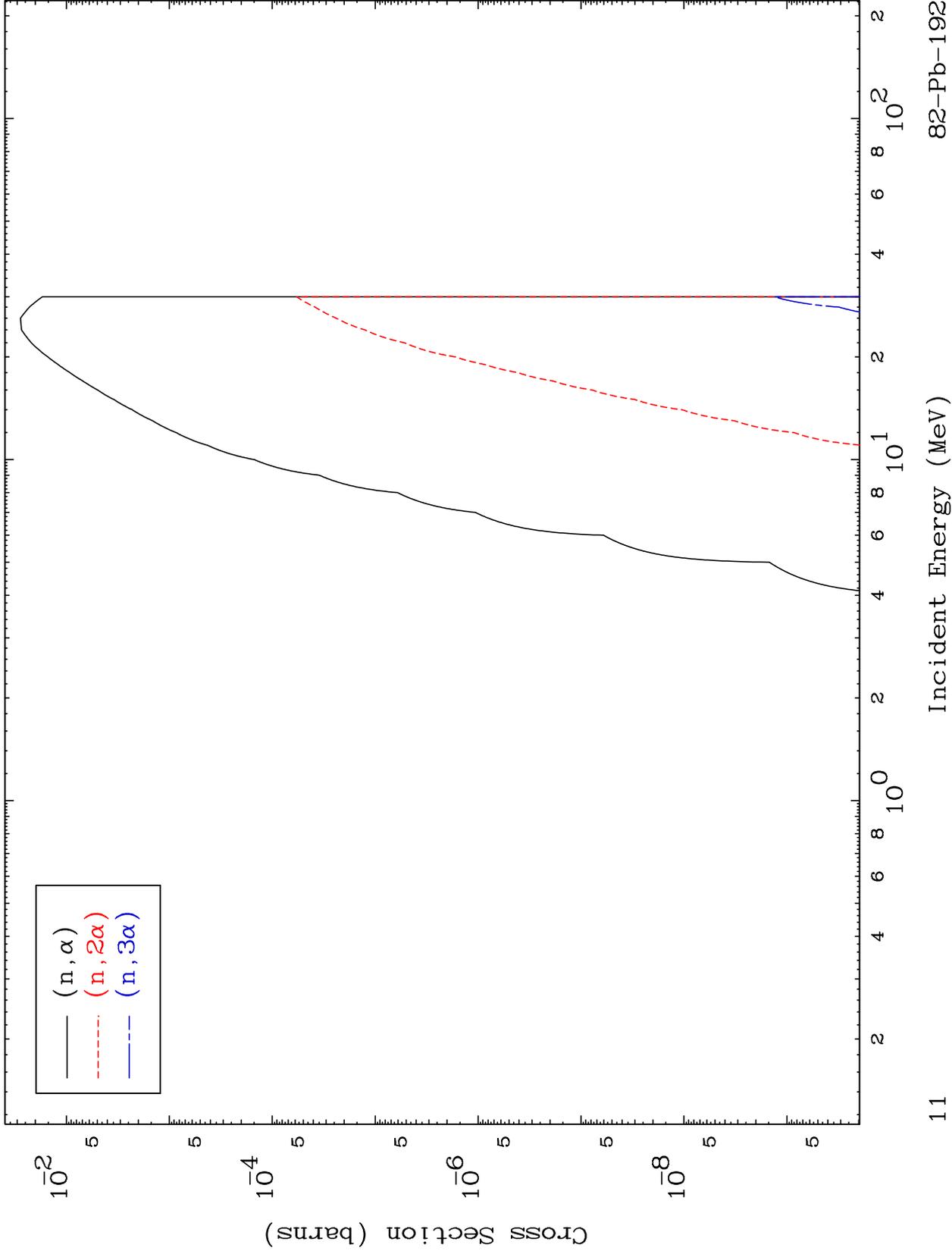
Incident Energy (MeV)

82-Pb-192

MAT 8189

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

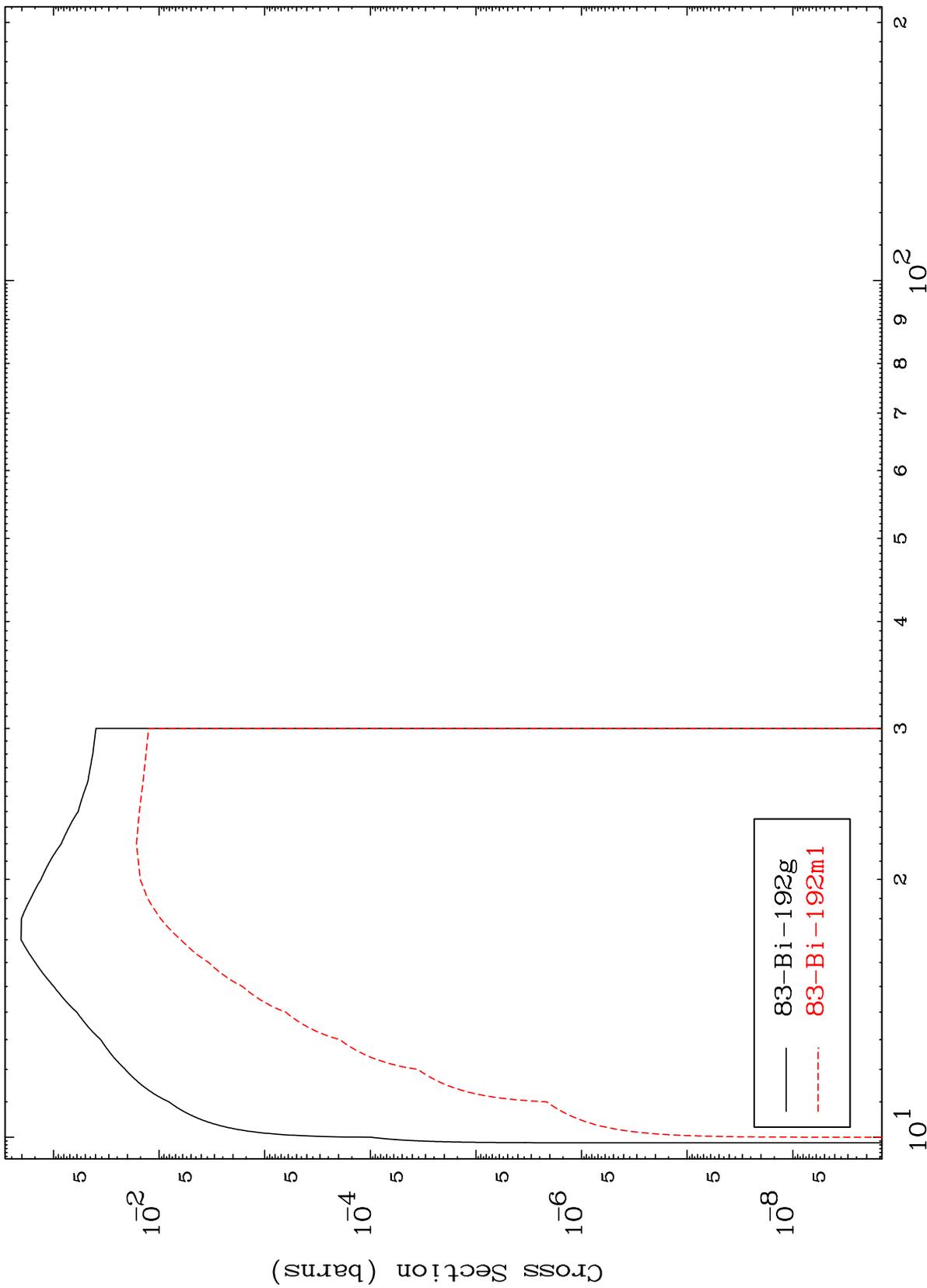
82-Pb-192



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Inelastic  
Radionuclide Production Cross Section

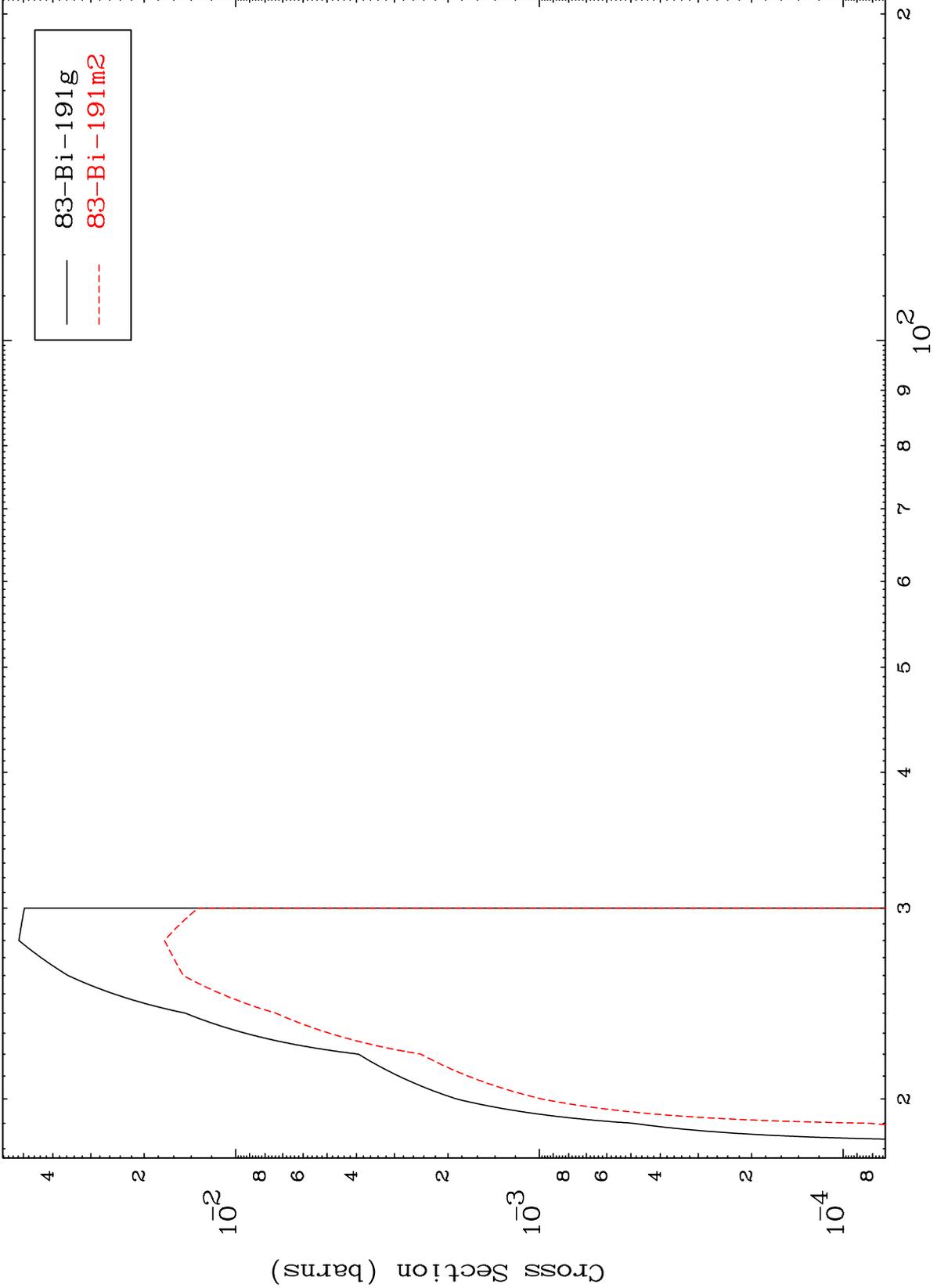
82-Pb-192



Incident Energy (MeV)

82-Pb-192

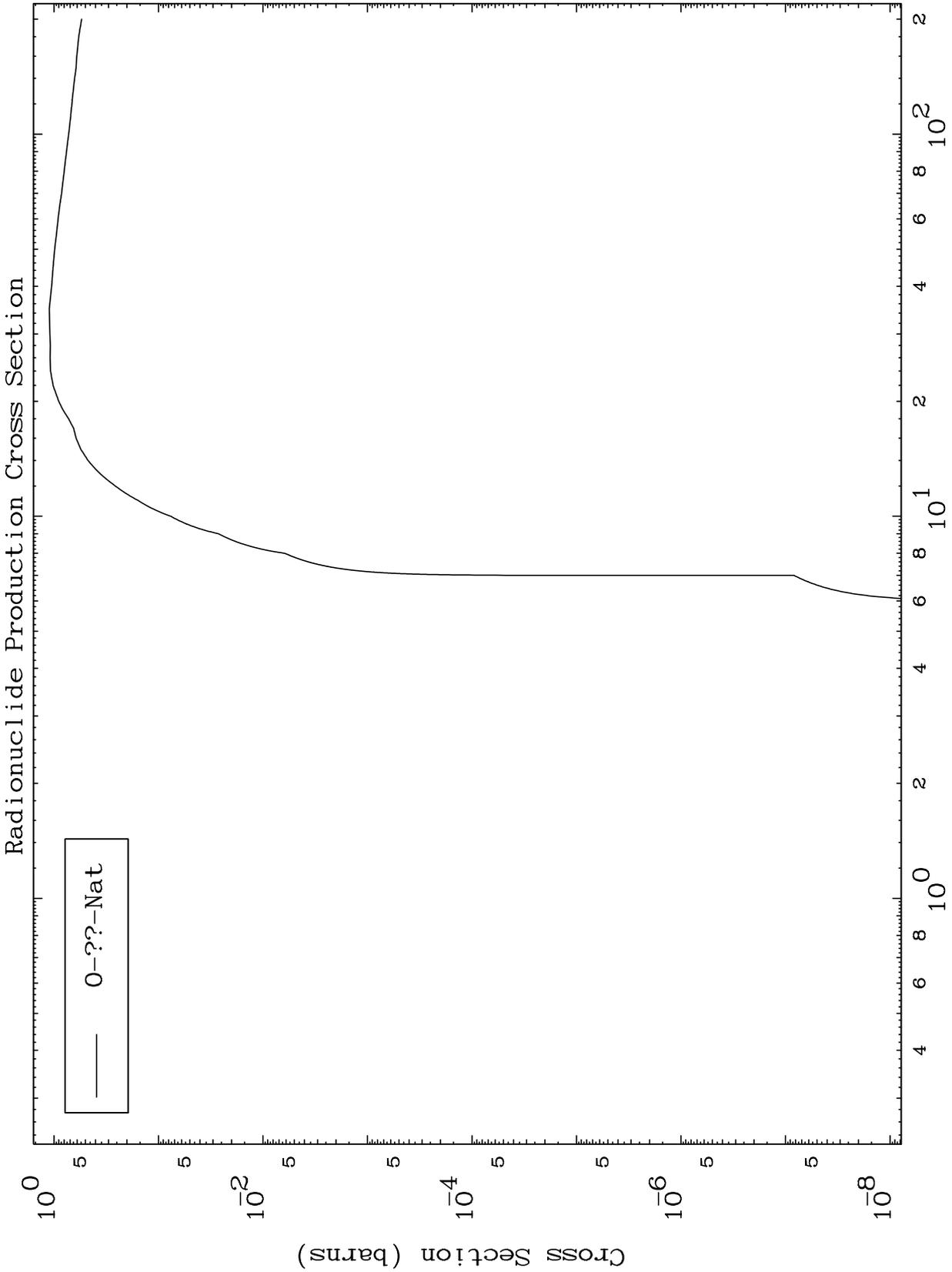
Radionuclide Production Cross Section



MAT 8189

Fission

82-Pb-192

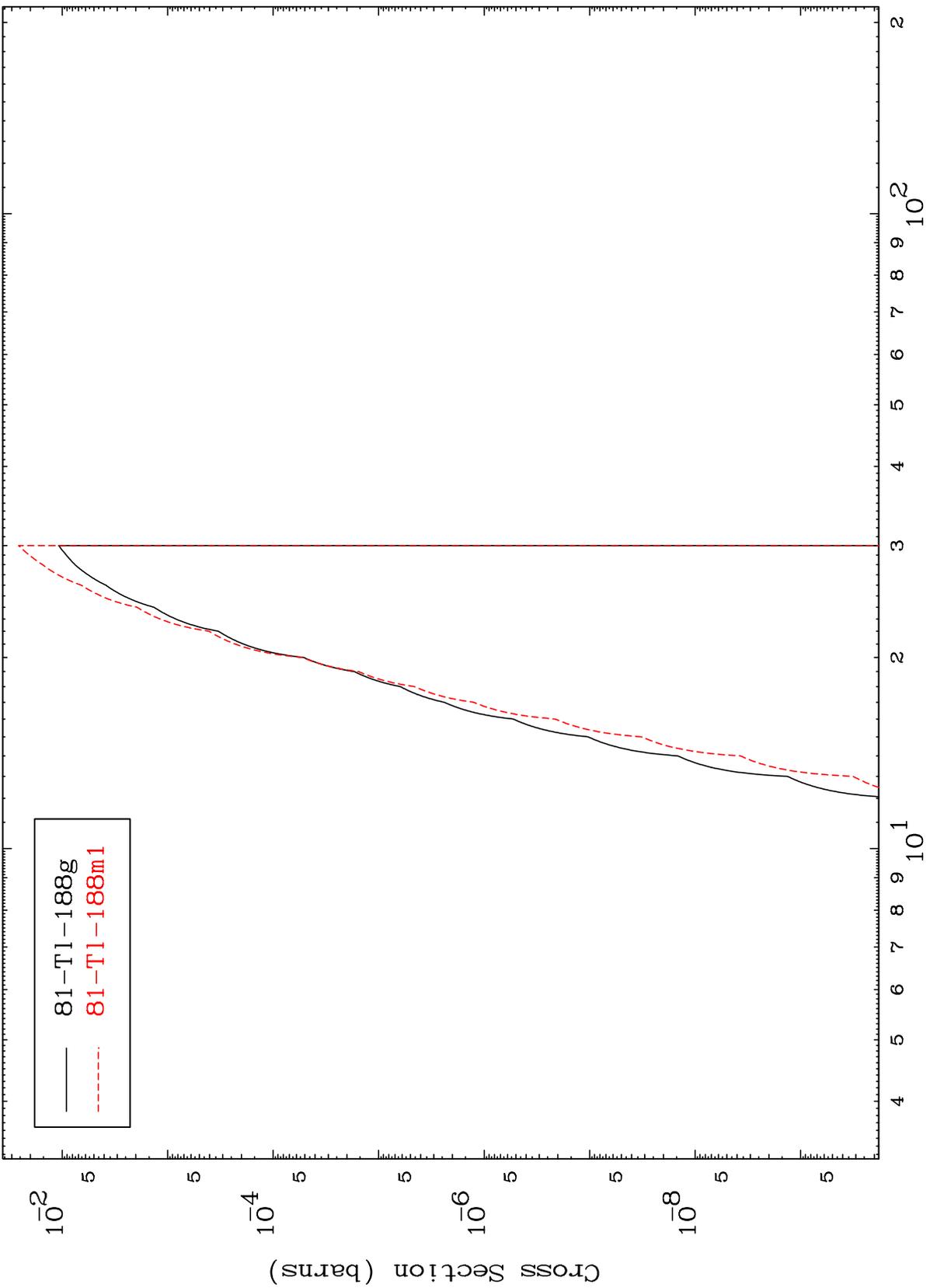


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(n,n')  $\alpha$

82-Pb-192

Radionuclide Production Cross Section



15

Incident Energy (MeV)

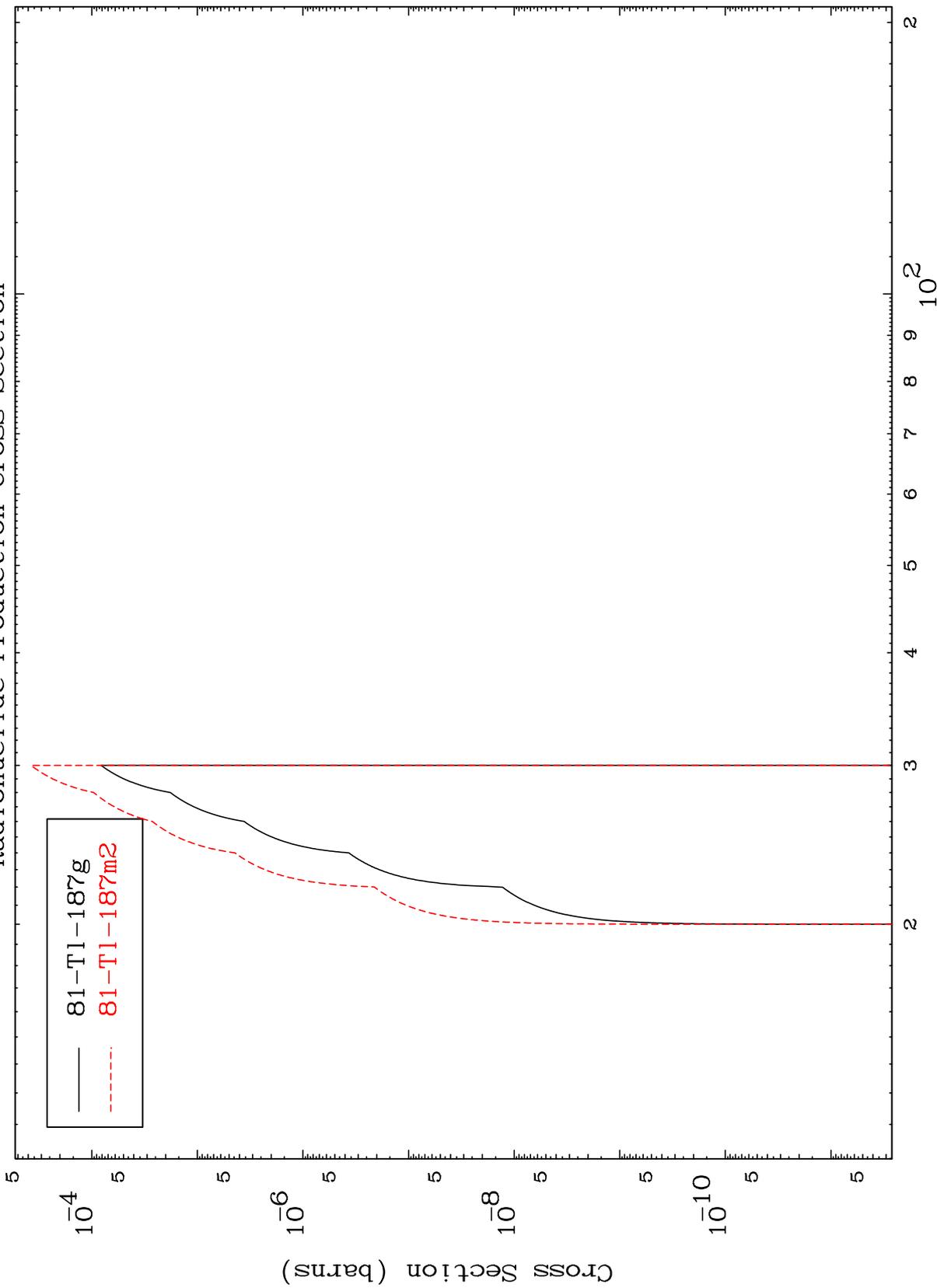
82-Pb-192

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(n,2n)  $\alpha$

82-Pb-192

Radionuclide Production Cross Section

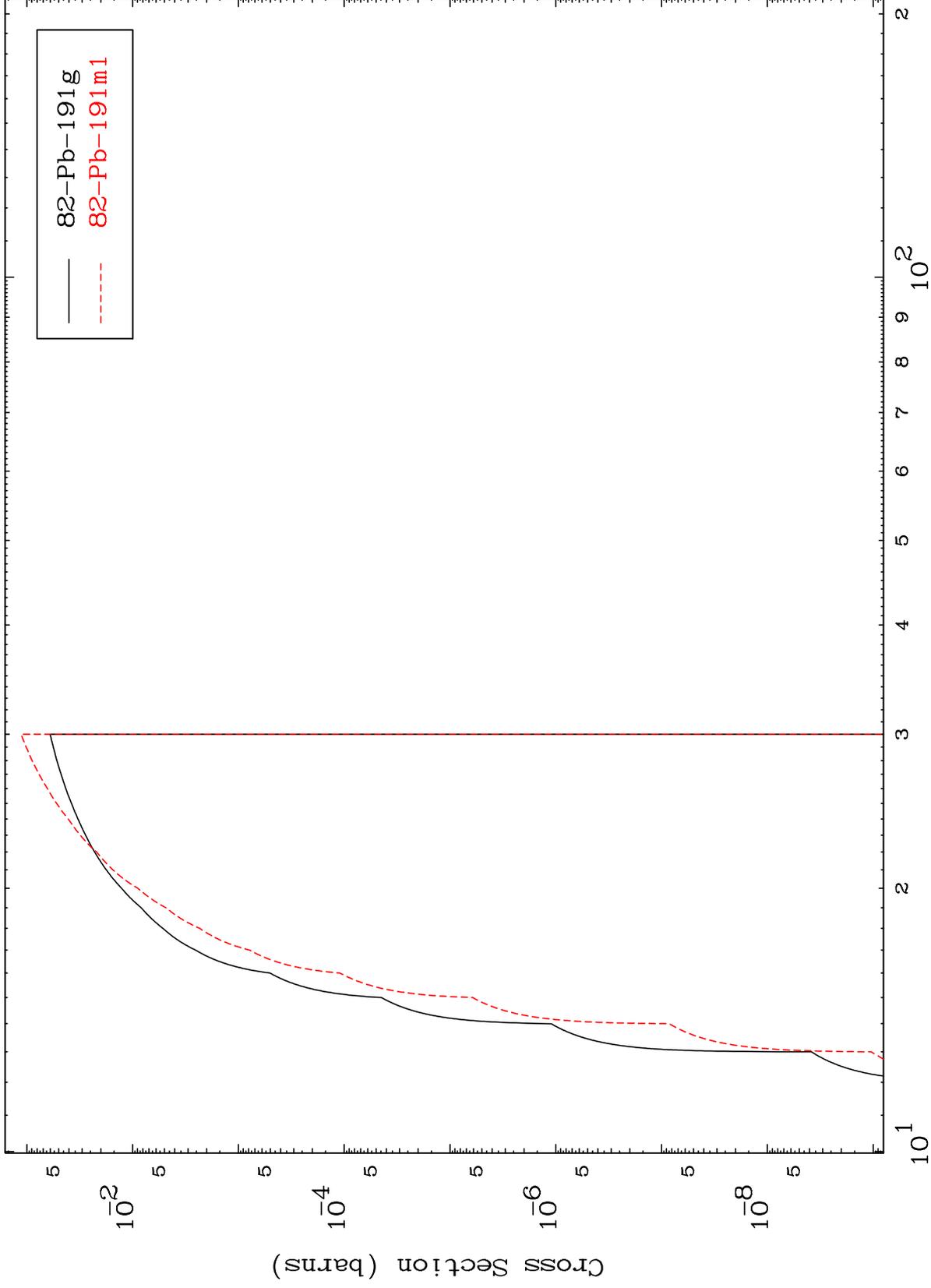


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$(n, n')$  p

82-Pb-192

Radionuclide Production Cross Section



10<sup>1</sup>

Incident Energy (MeV)

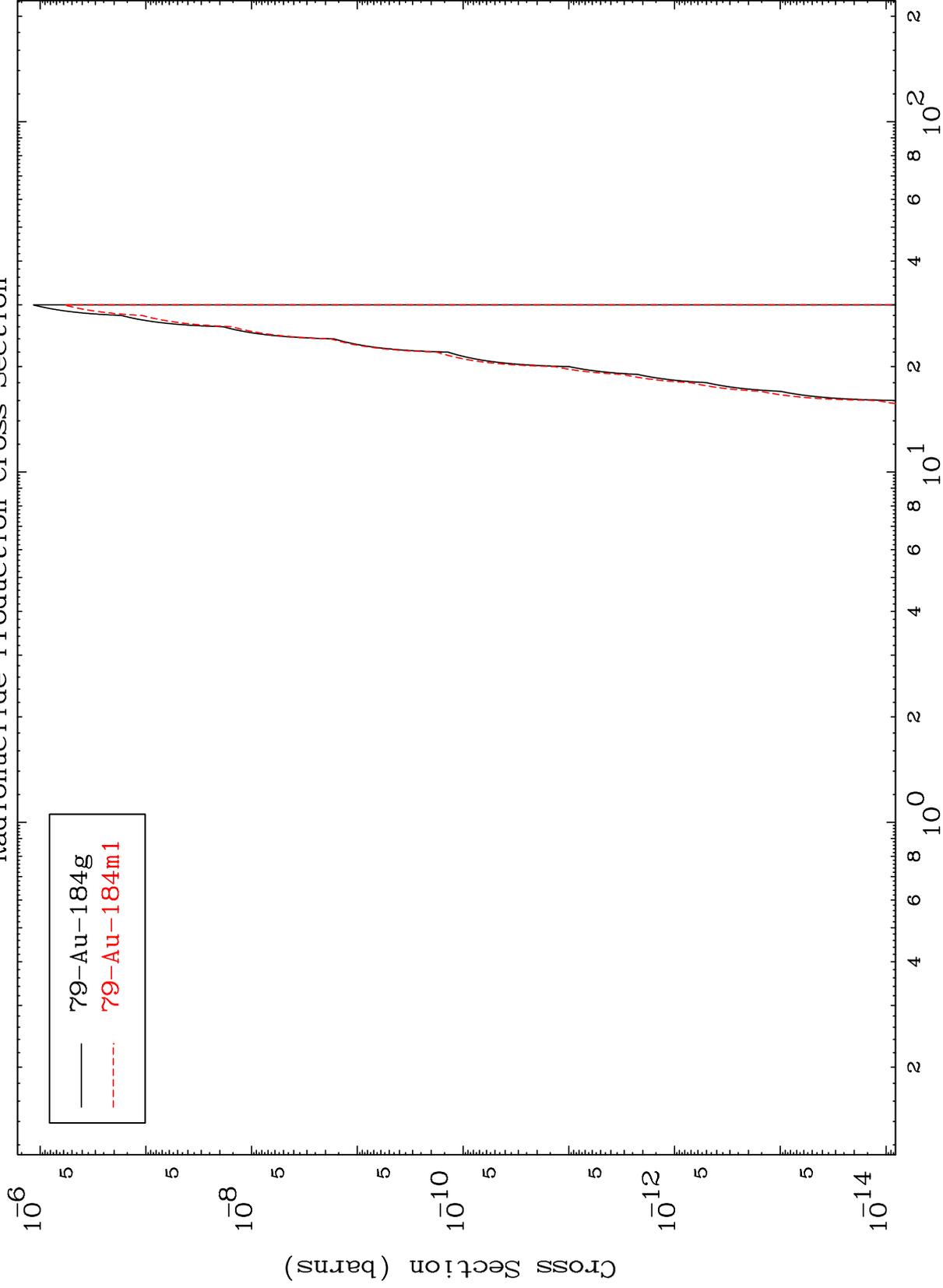
82-Pb-192

MAT 8189

(n,n') 2 $\alpha$

82-Pb-192

Radionuclide Production Cross Section



18

Incident Energy (MeV)

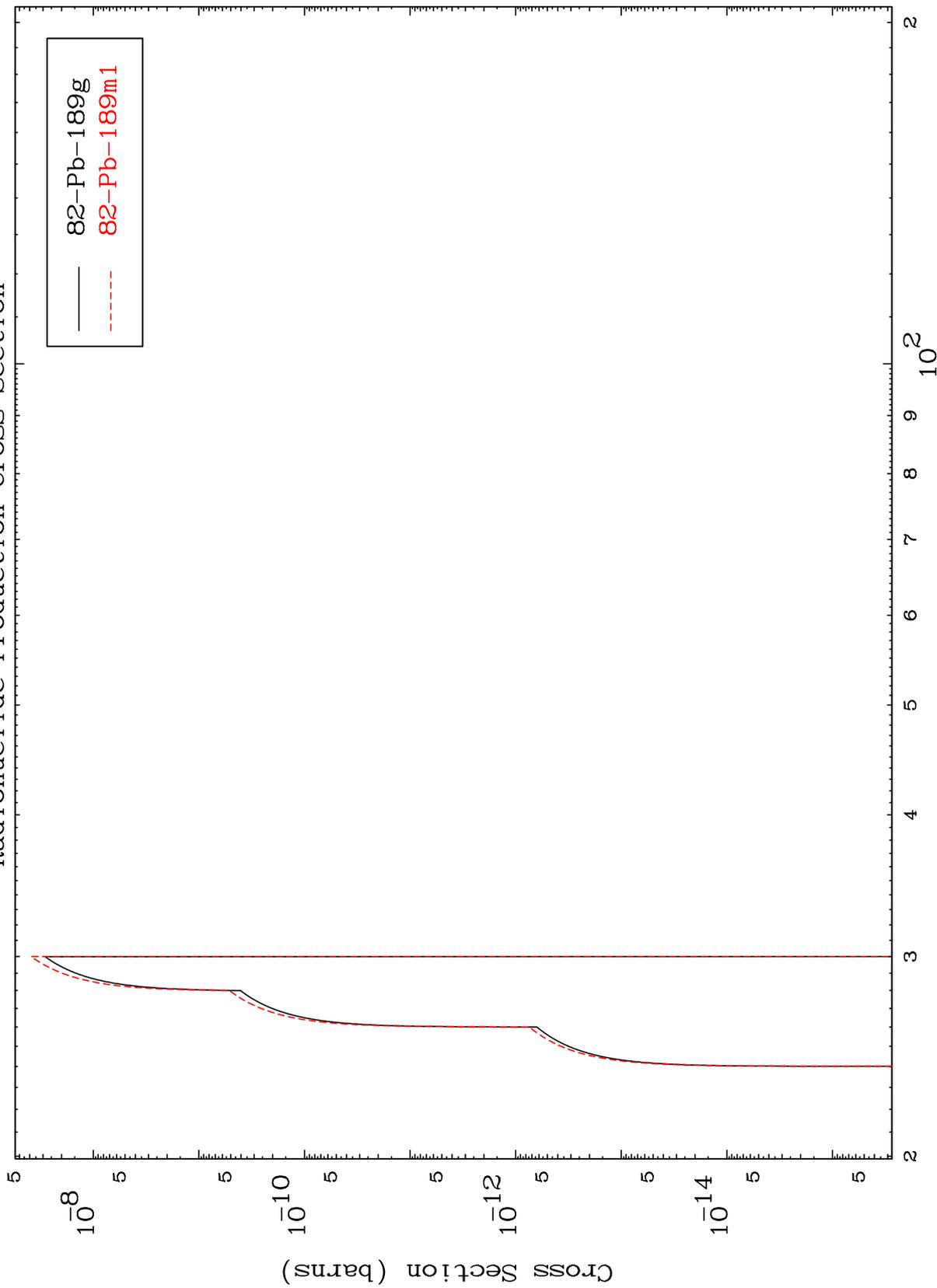
82-Pb-192

MAT 8189

(n,n') t

82-Pb-192

Radionuclide Production Cross Section

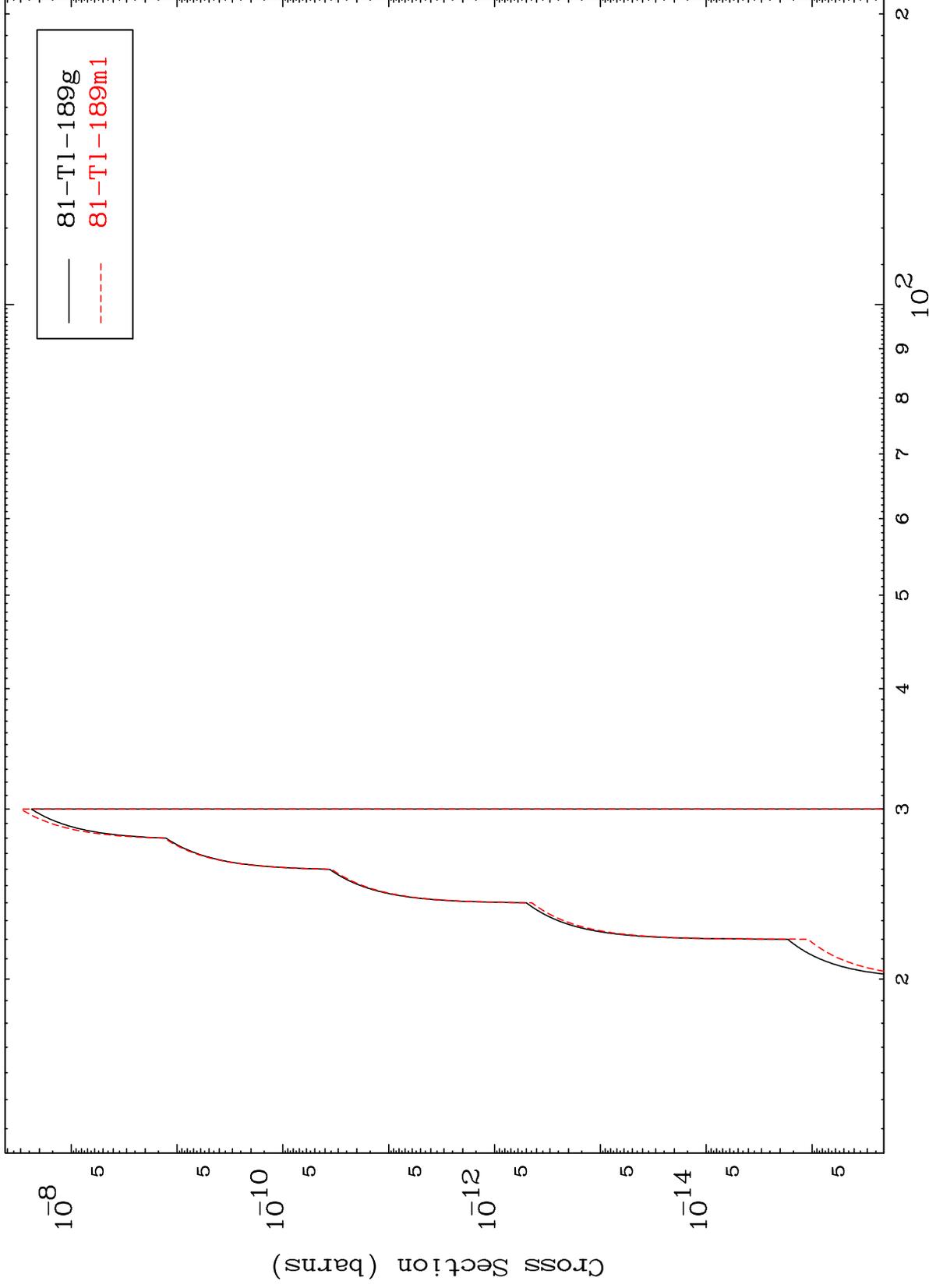


19

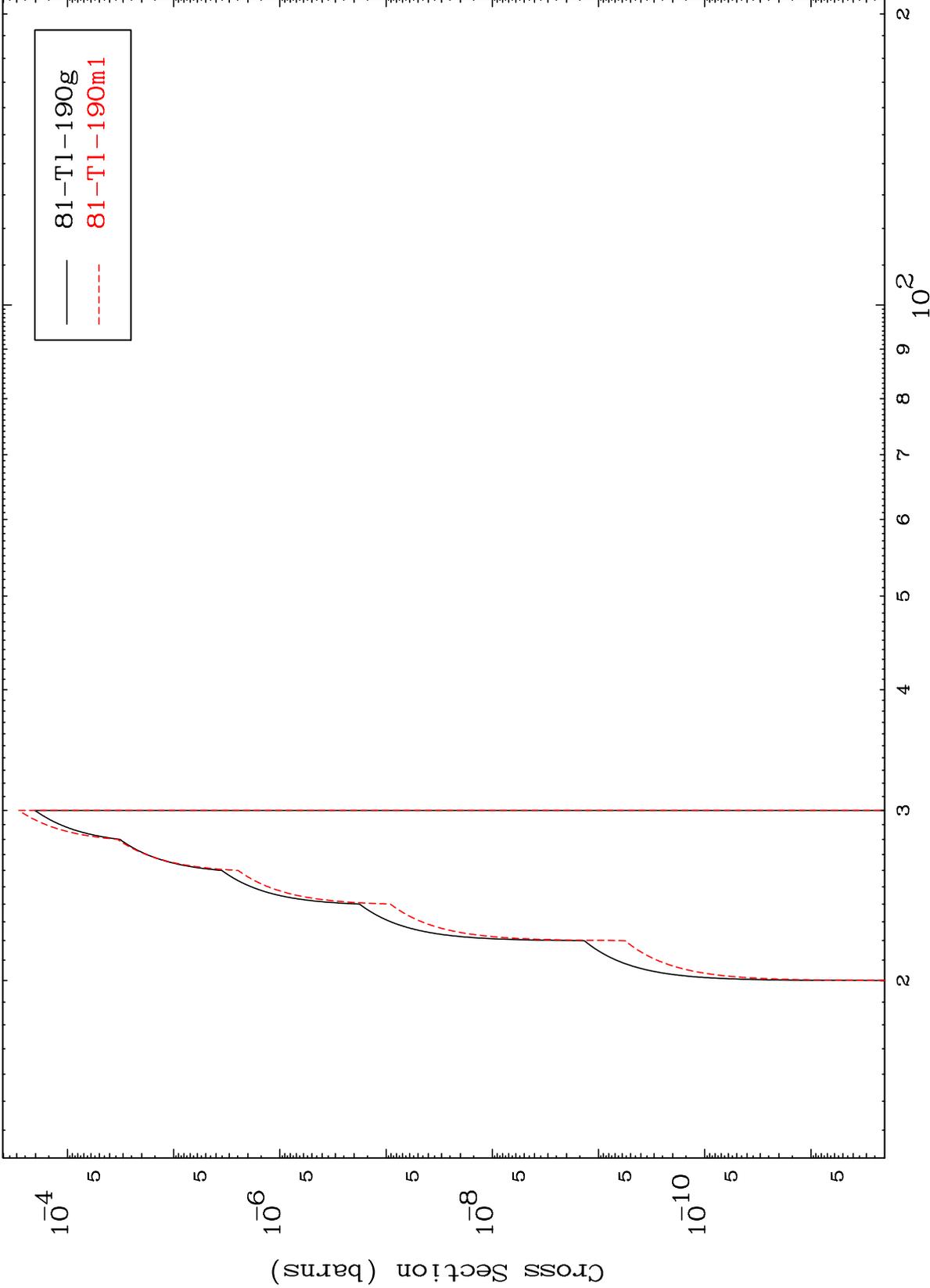
Incident Energy (MeV)

82-Pb-192

Radionuclide Production Cross Section



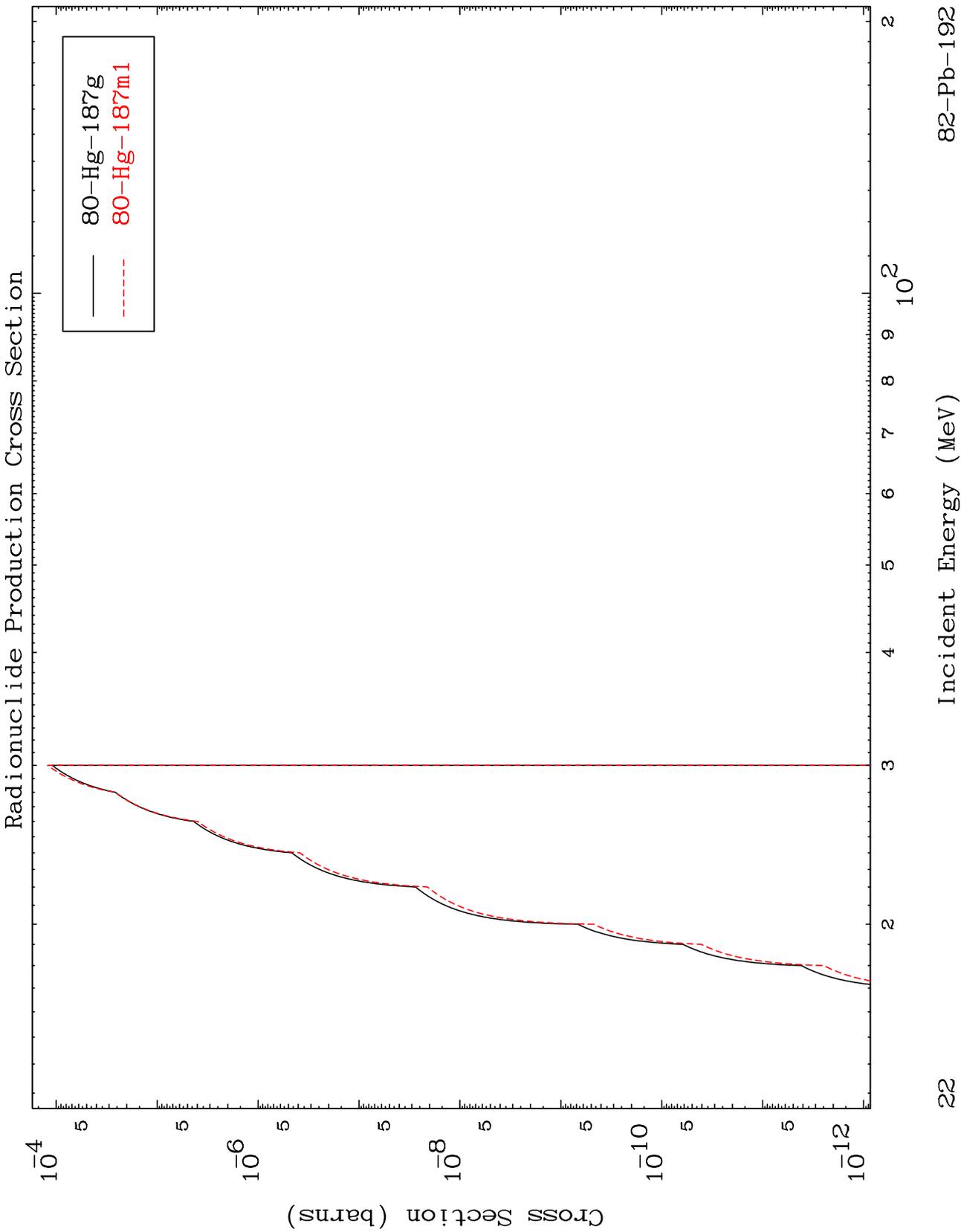
Radionuclide Production Cross Section



MAT 8189

(n,n') p  $\alpha$

82-Pb-192



22

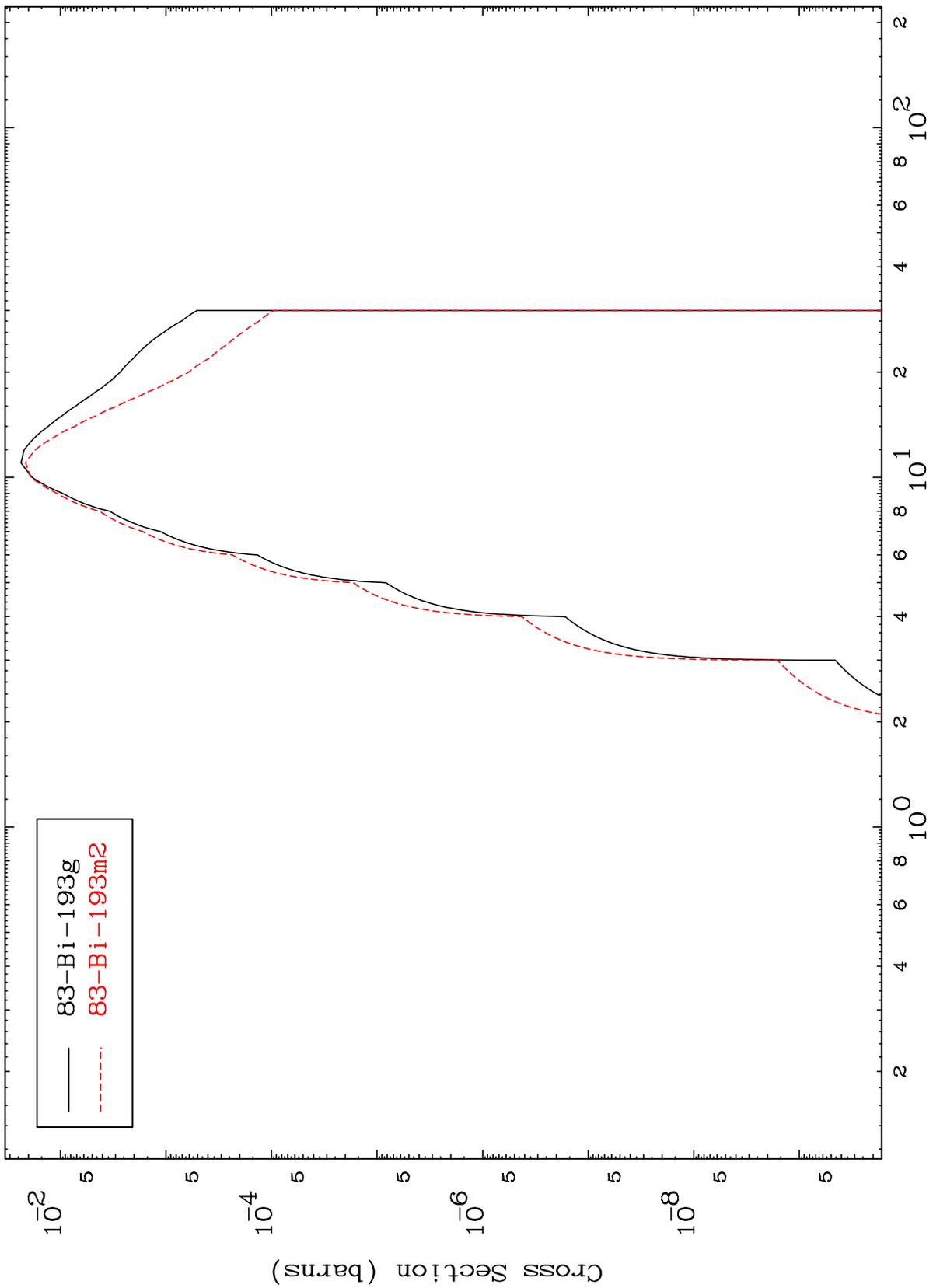
Incident Energy (MeV)

82-Pb-192

MAT 8189

82-Pb-192

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



— 83-Bi-193g  
- - - 83-Bi-193m2

82-Pb-192

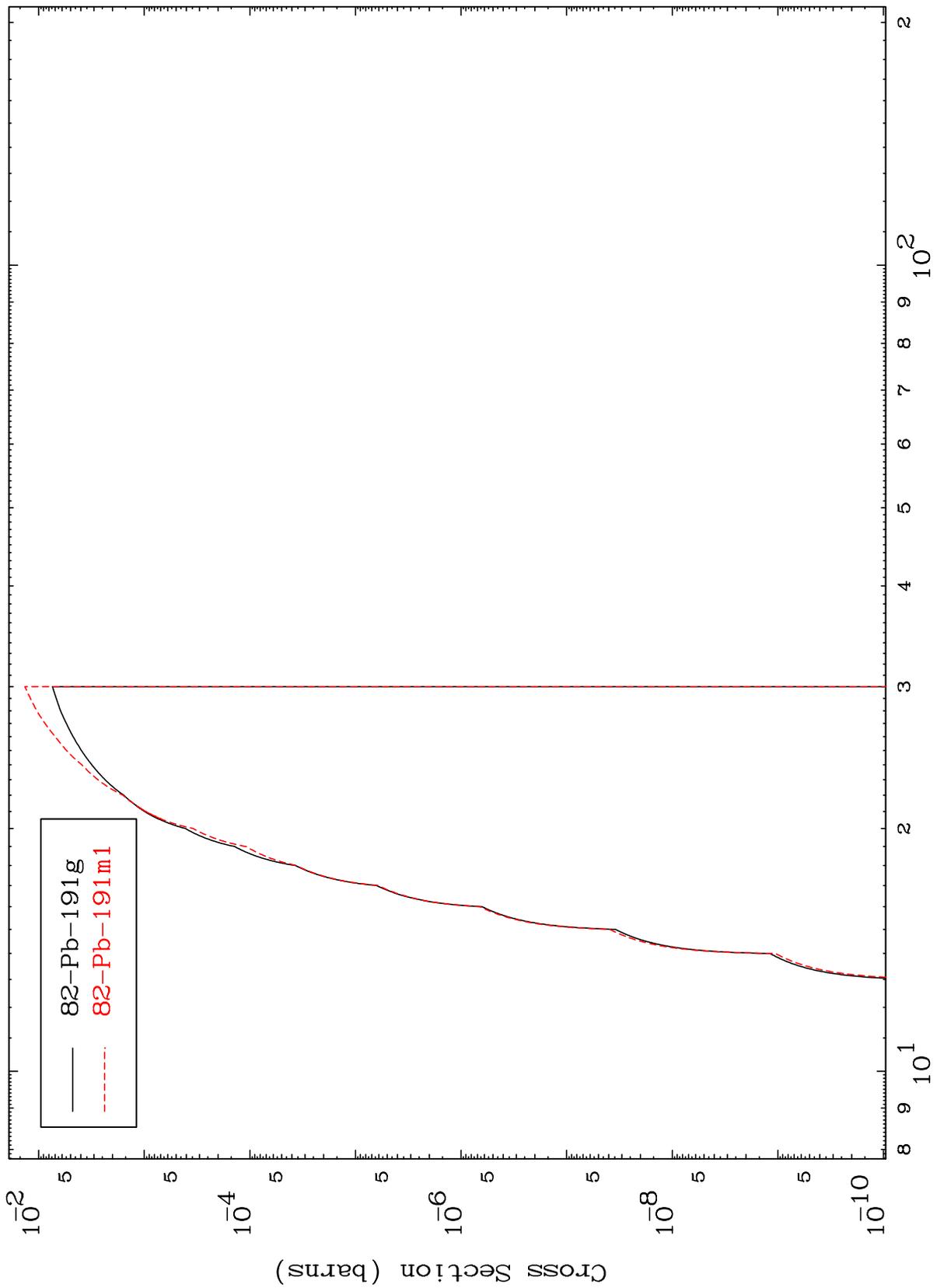
Incident Energy (MeV)

23

MAT 8189

82-Pb-192

(n,d)  
Radionuclide Production Cross Section



24

Incident Energy (MeV)

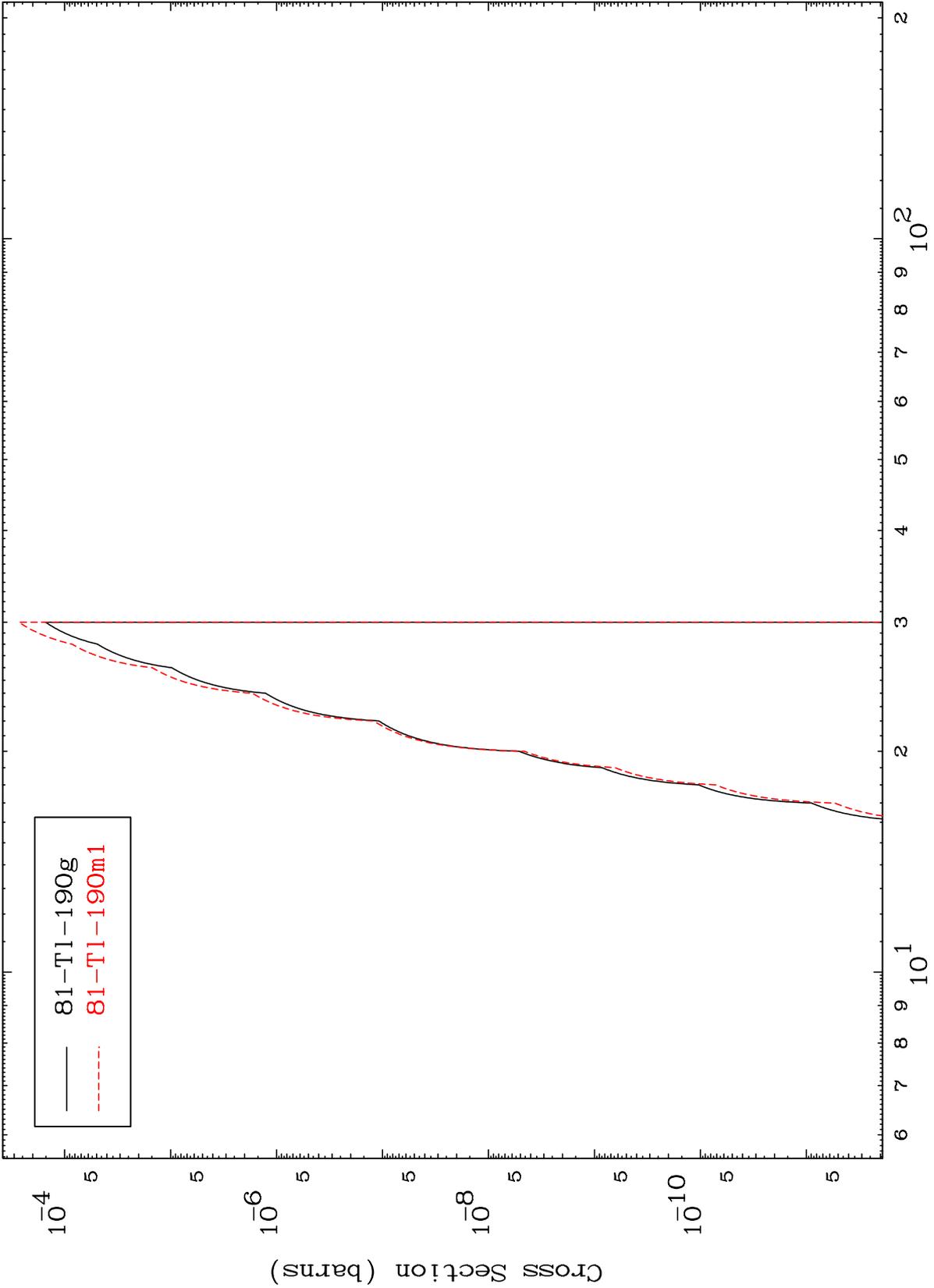
82-Pb-192

MAT 8189

(n,He-3)

82-Pb-192

Radionuclide Production Cross Section



81-Tl-190g  
81-Tl-190m1

25

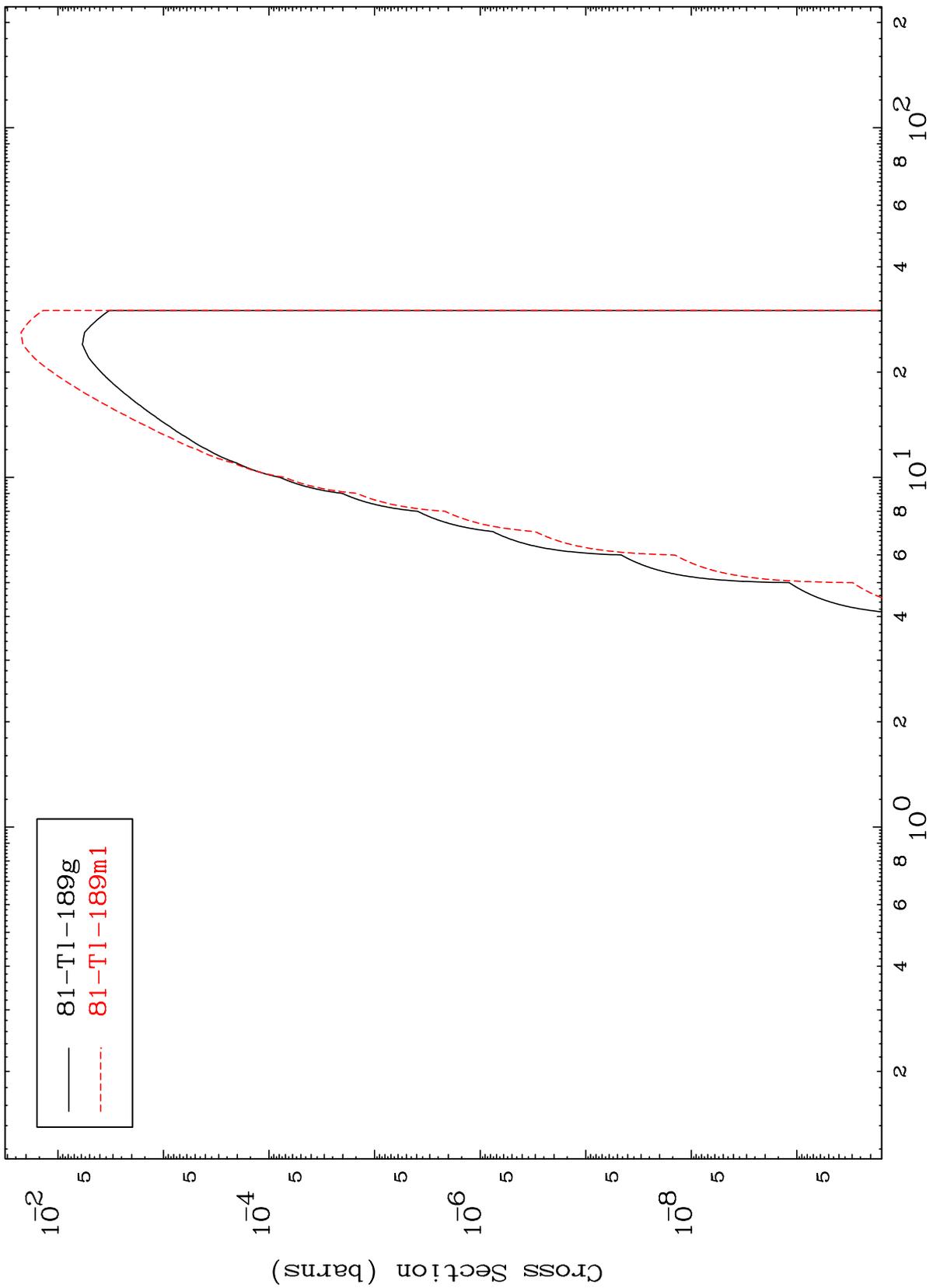
Incident Energy (MeV)

82-Pb-192

MAT 8189

82-Pb-192

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



82-Pb-192

Incident Energy (MeV)

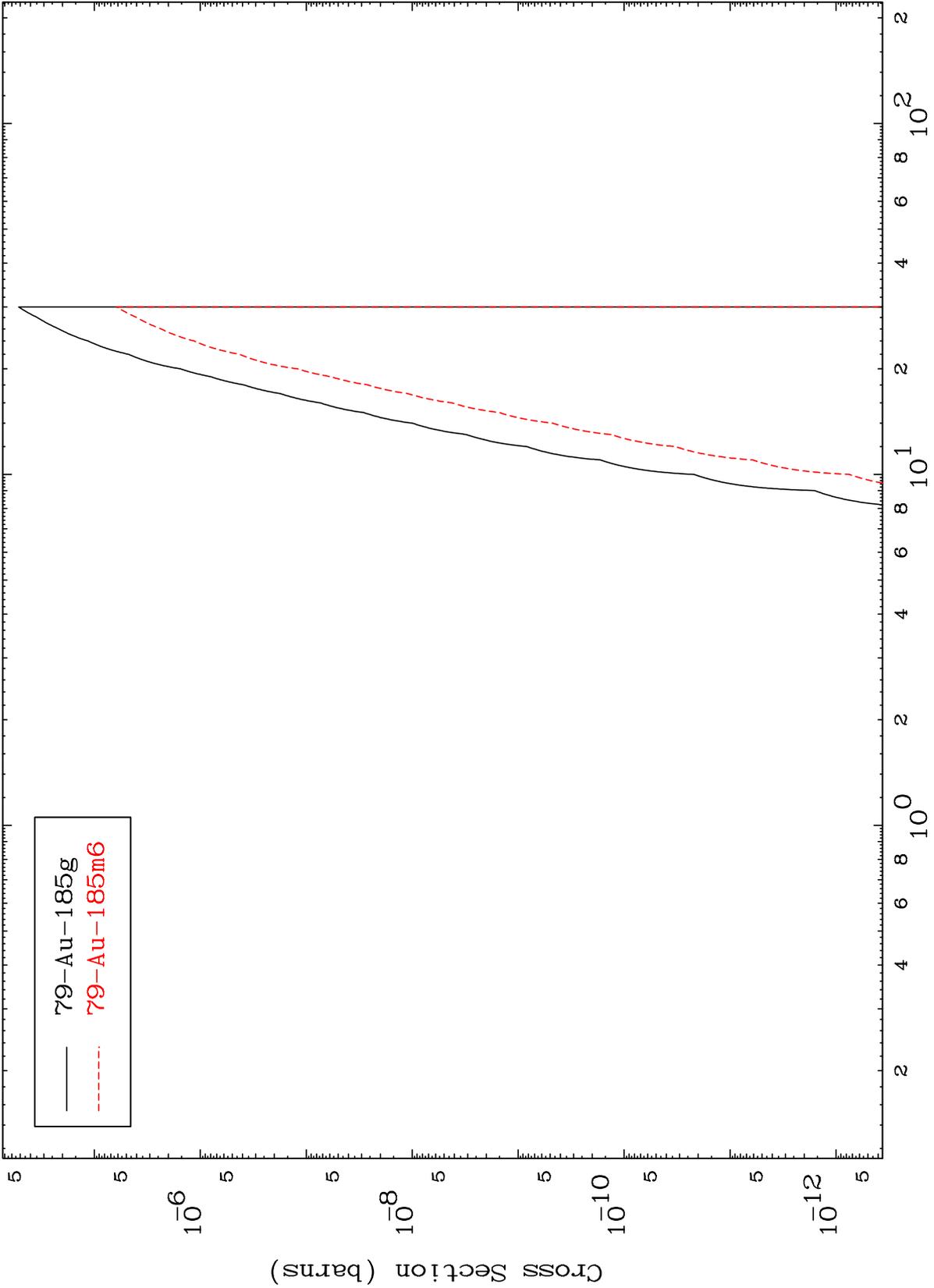
26

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(n,2α)

82-Pb-192

Radionuclide Production Cross Section

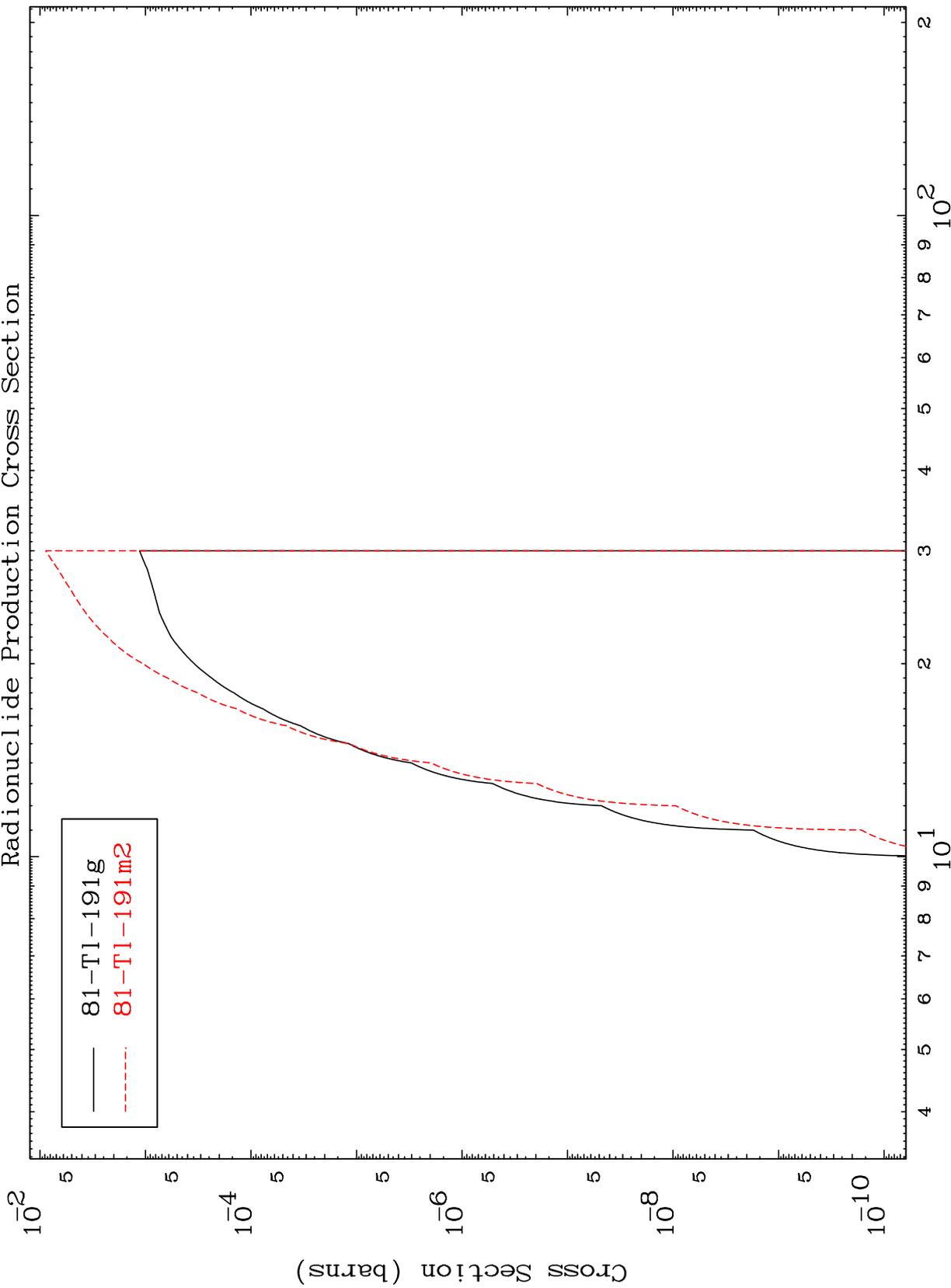


— 79-Au-185g  
- - - 79-Au-185m6

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82-Pb-192

(n,2p)  
Radionuclide Production Cross Section

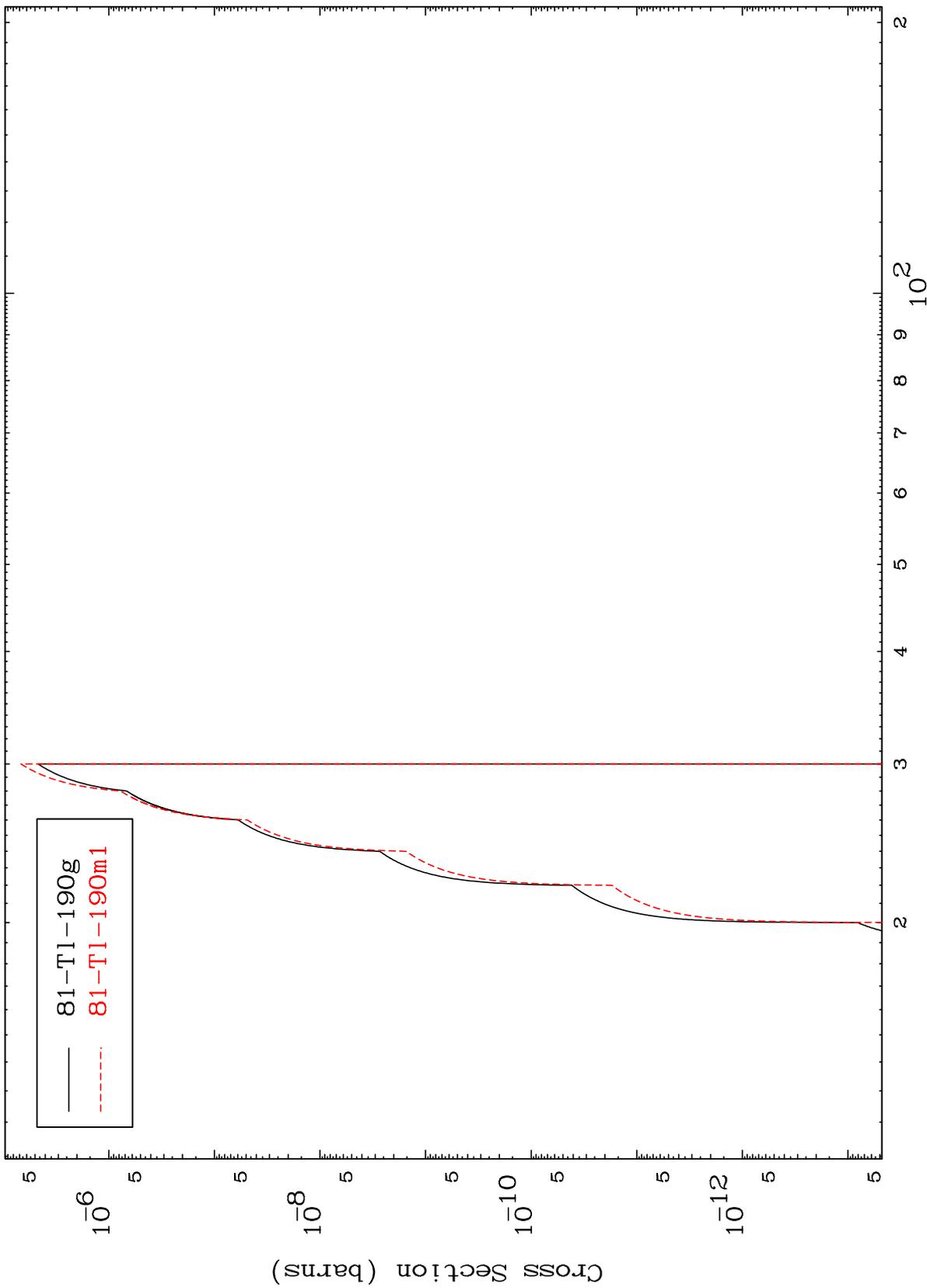


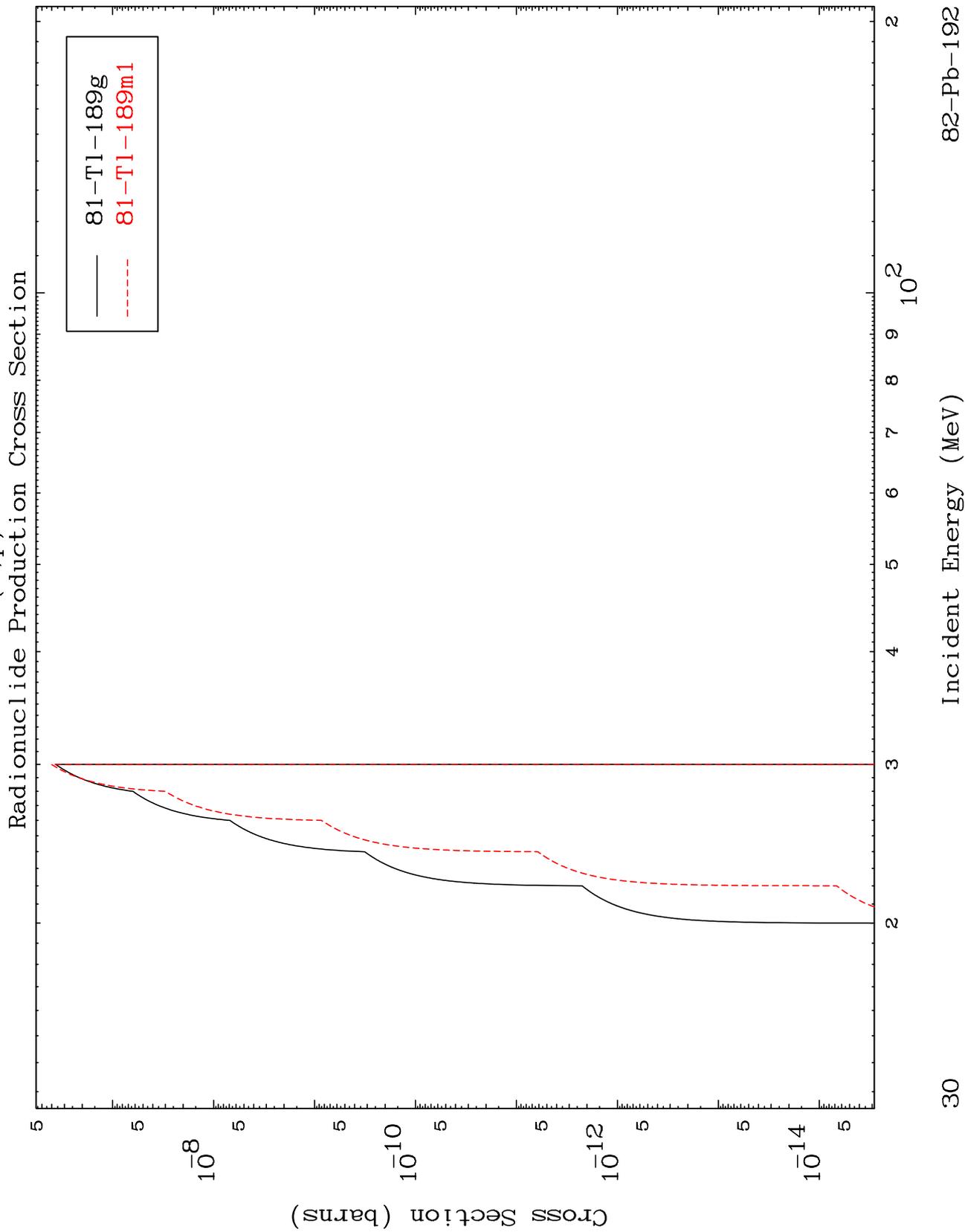
28

82-Pb-192

Incident Energy (MeV)

Radionuclide Production Cross Section



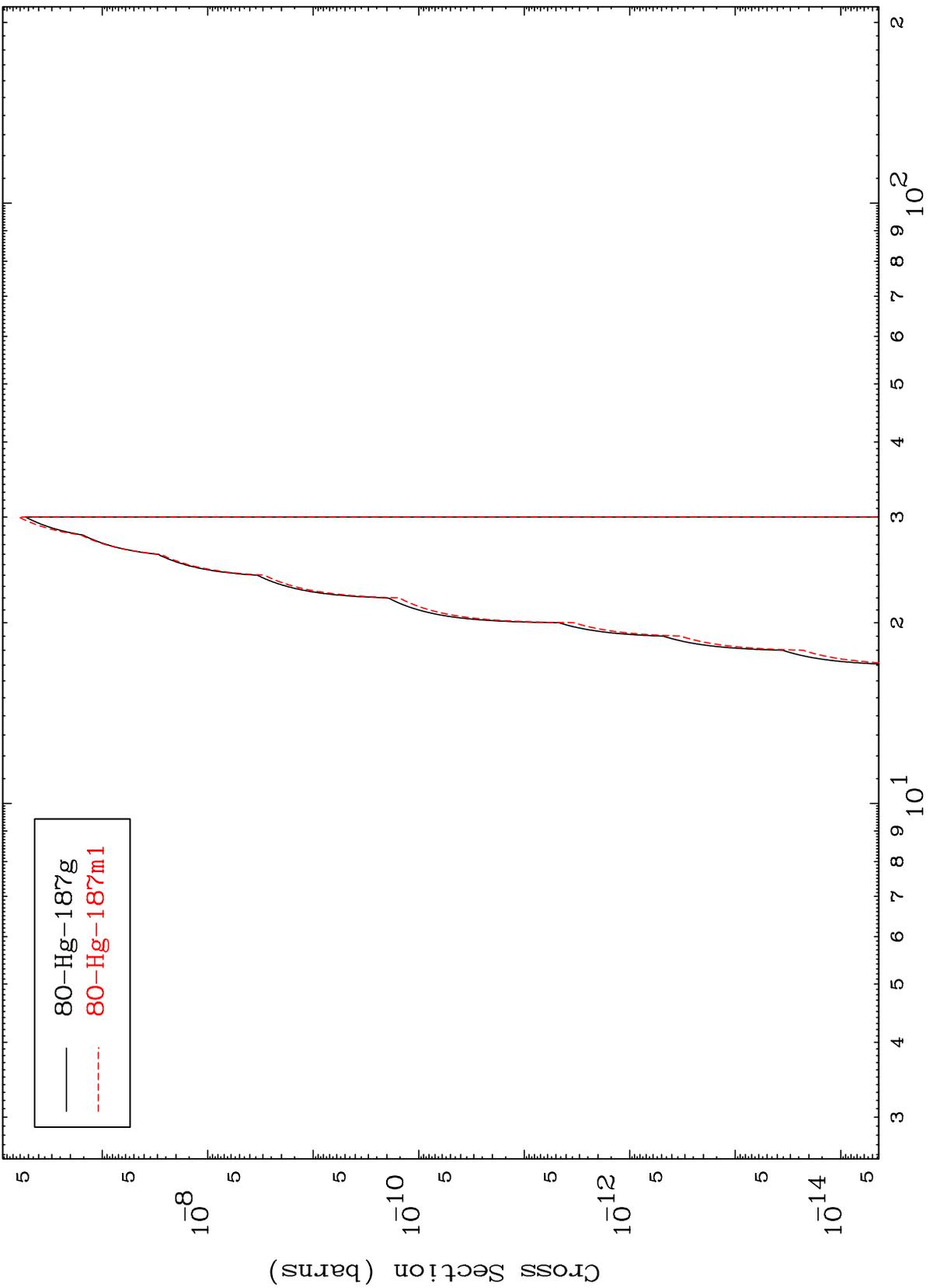


MAT 8189

(n,d)  $\alpha$

82-Pb-192

Radionuclide Production Cross Section



— 80-Hg-187g  
- - - 80-Hg-187m1