

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

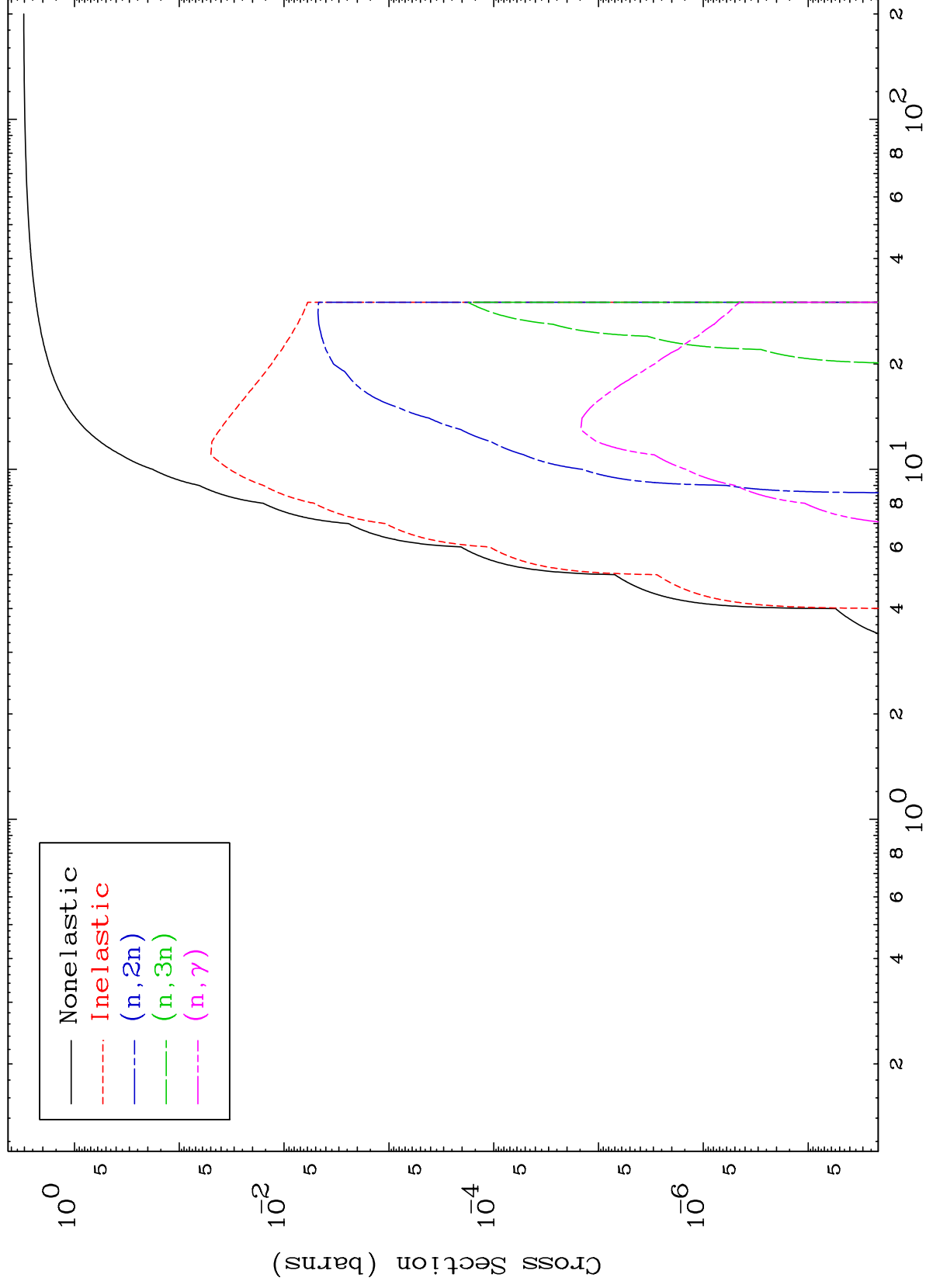
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

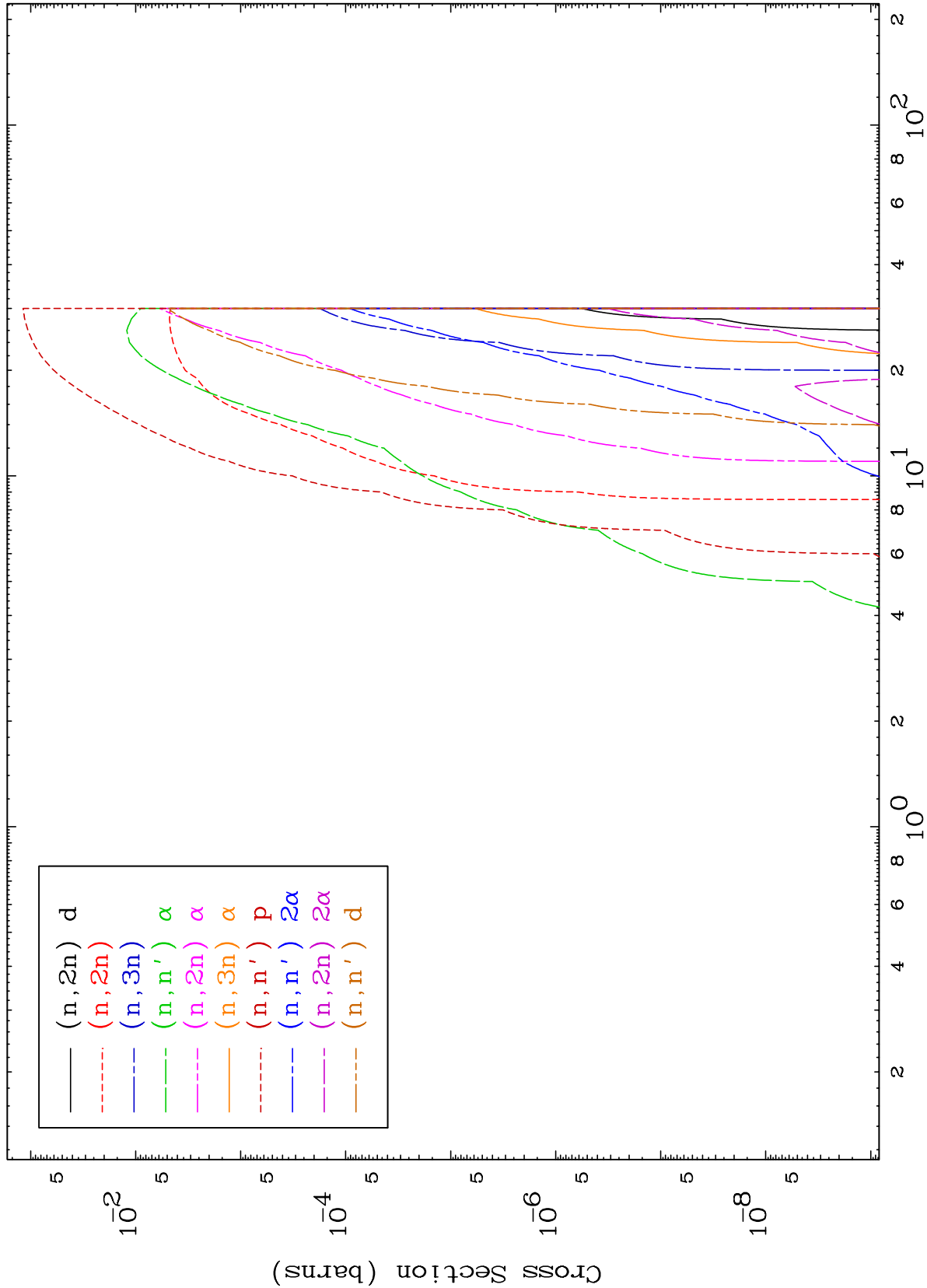
Tele: 925-443-1911

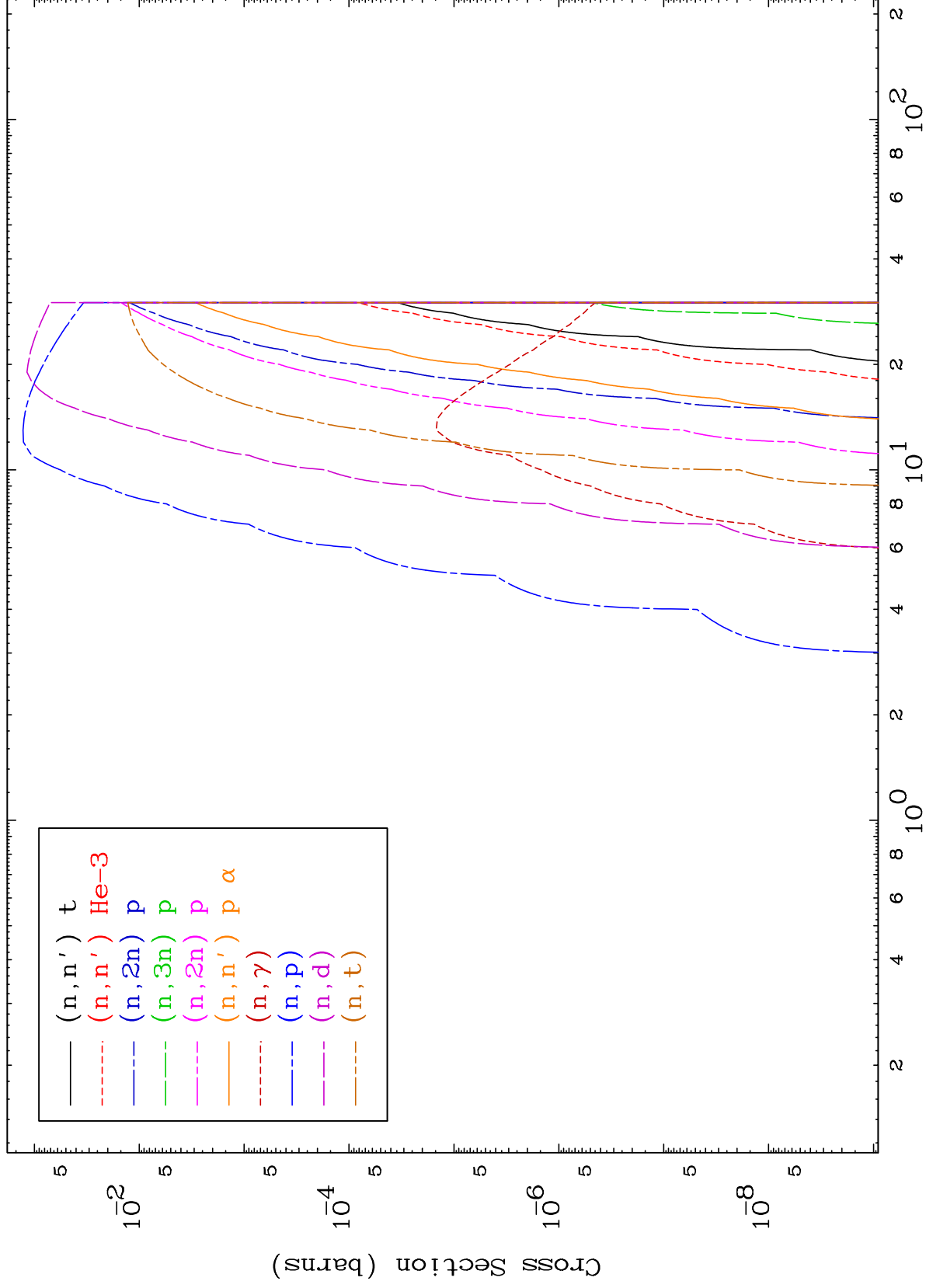
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

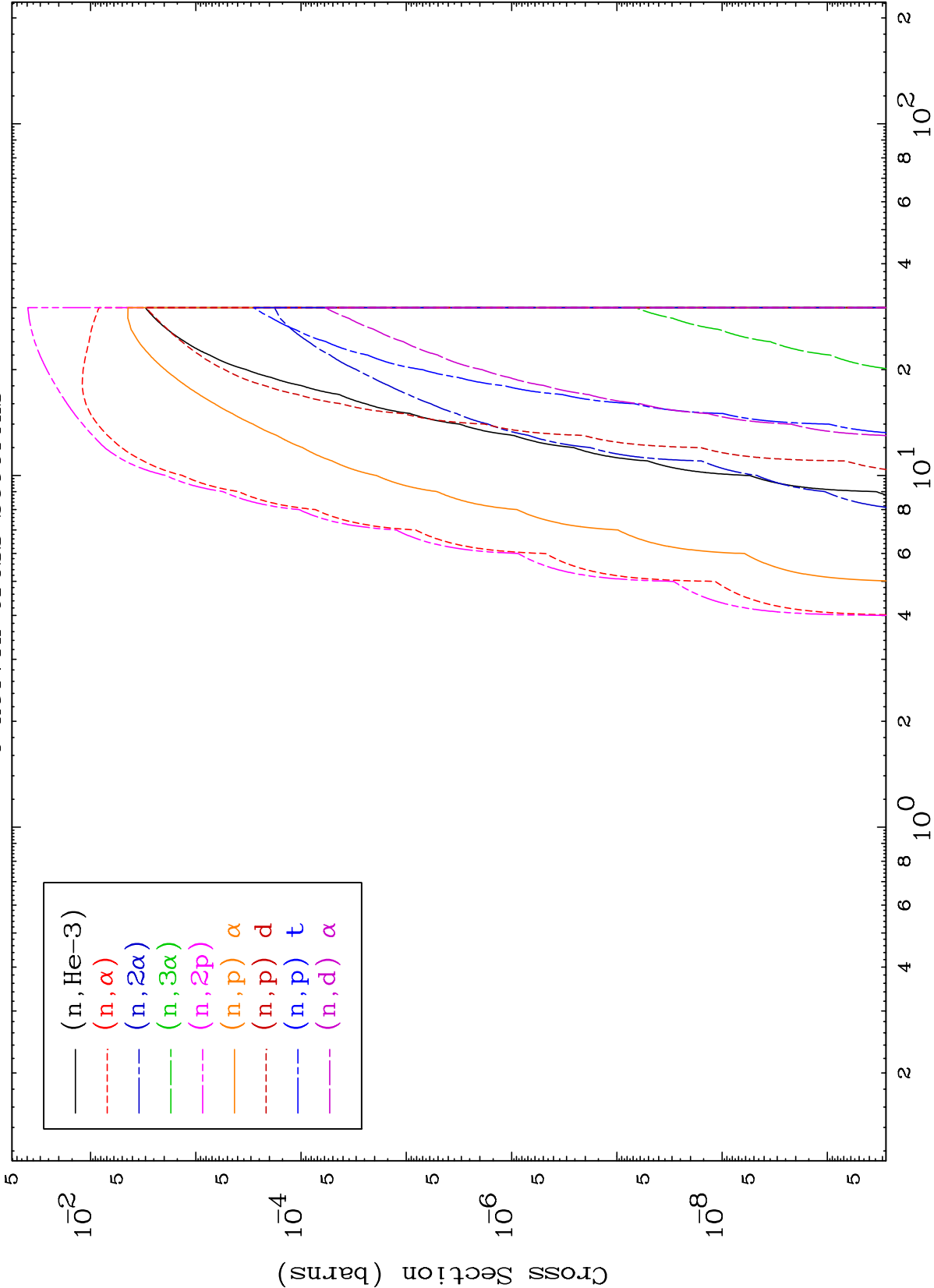
Press Mouse Button to Start

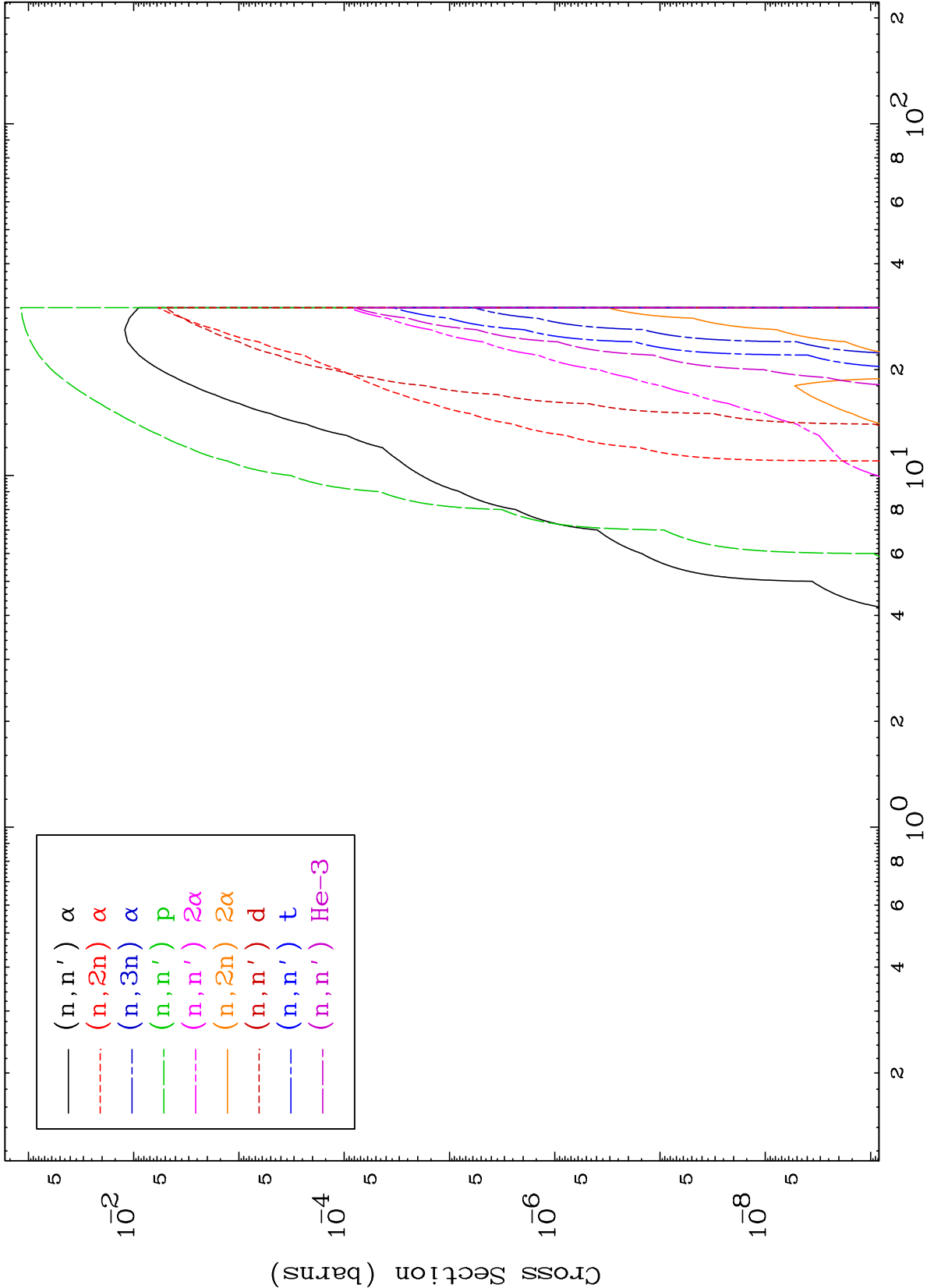
0 Kelvin Cross Sections

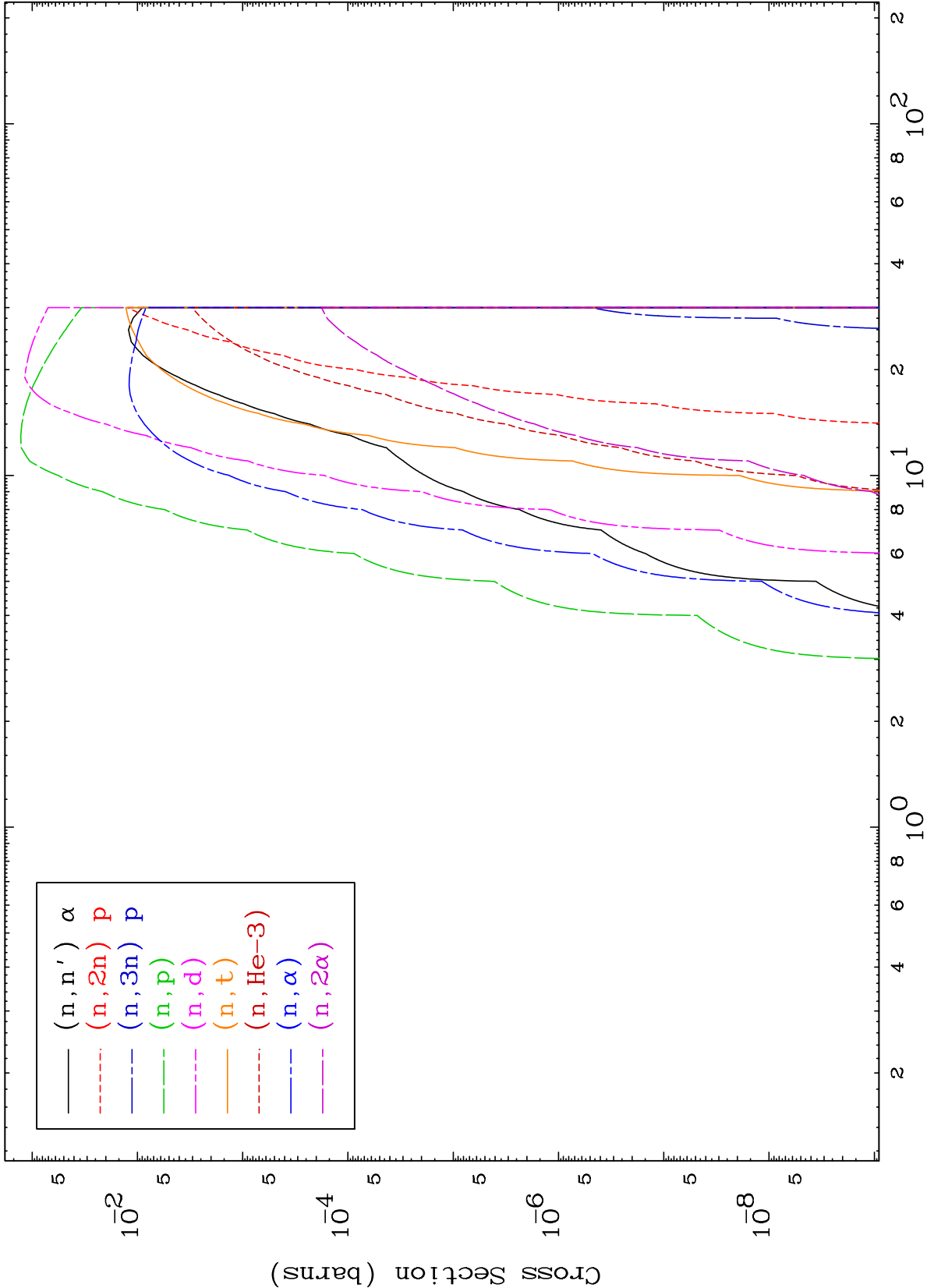


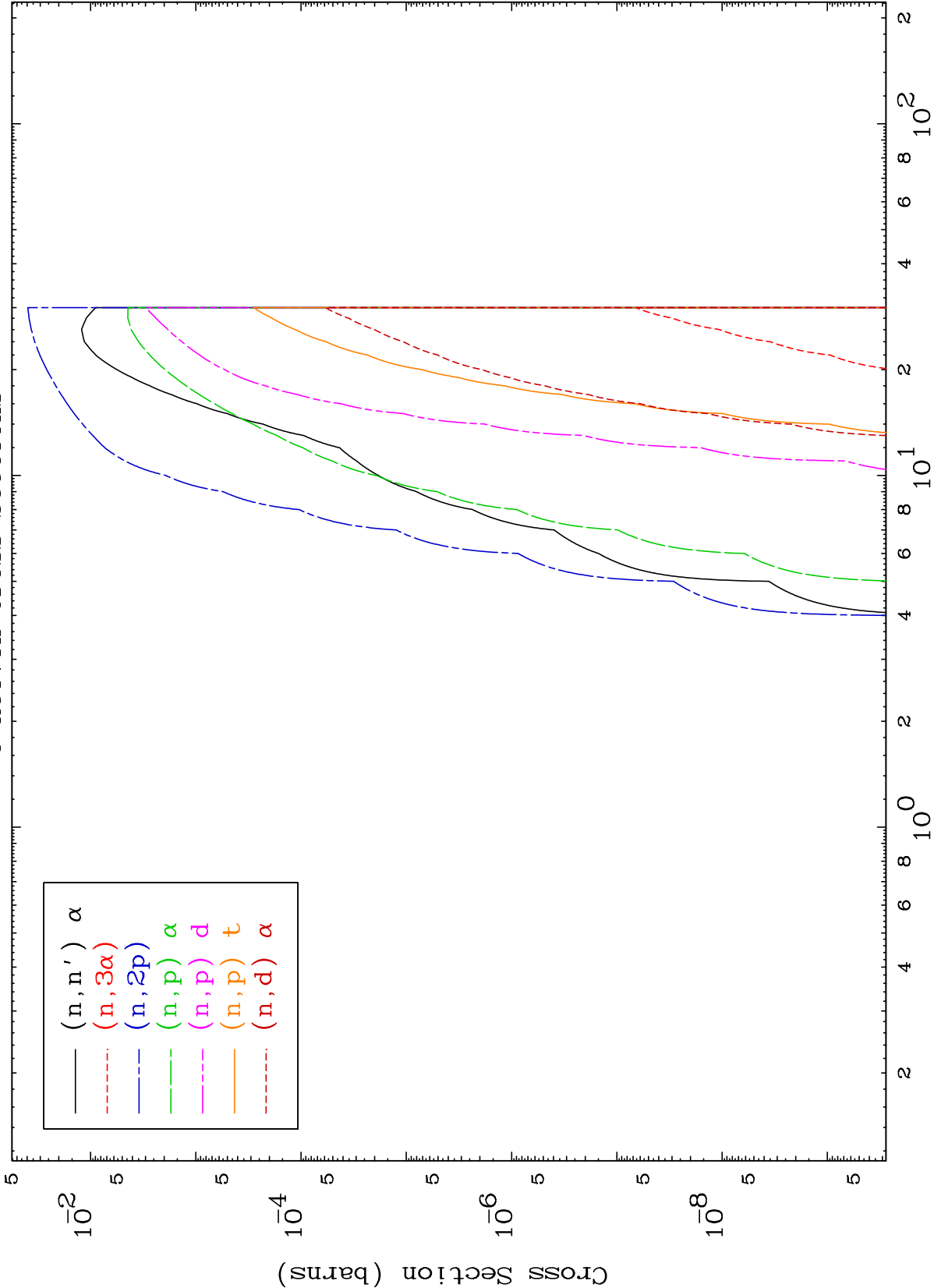








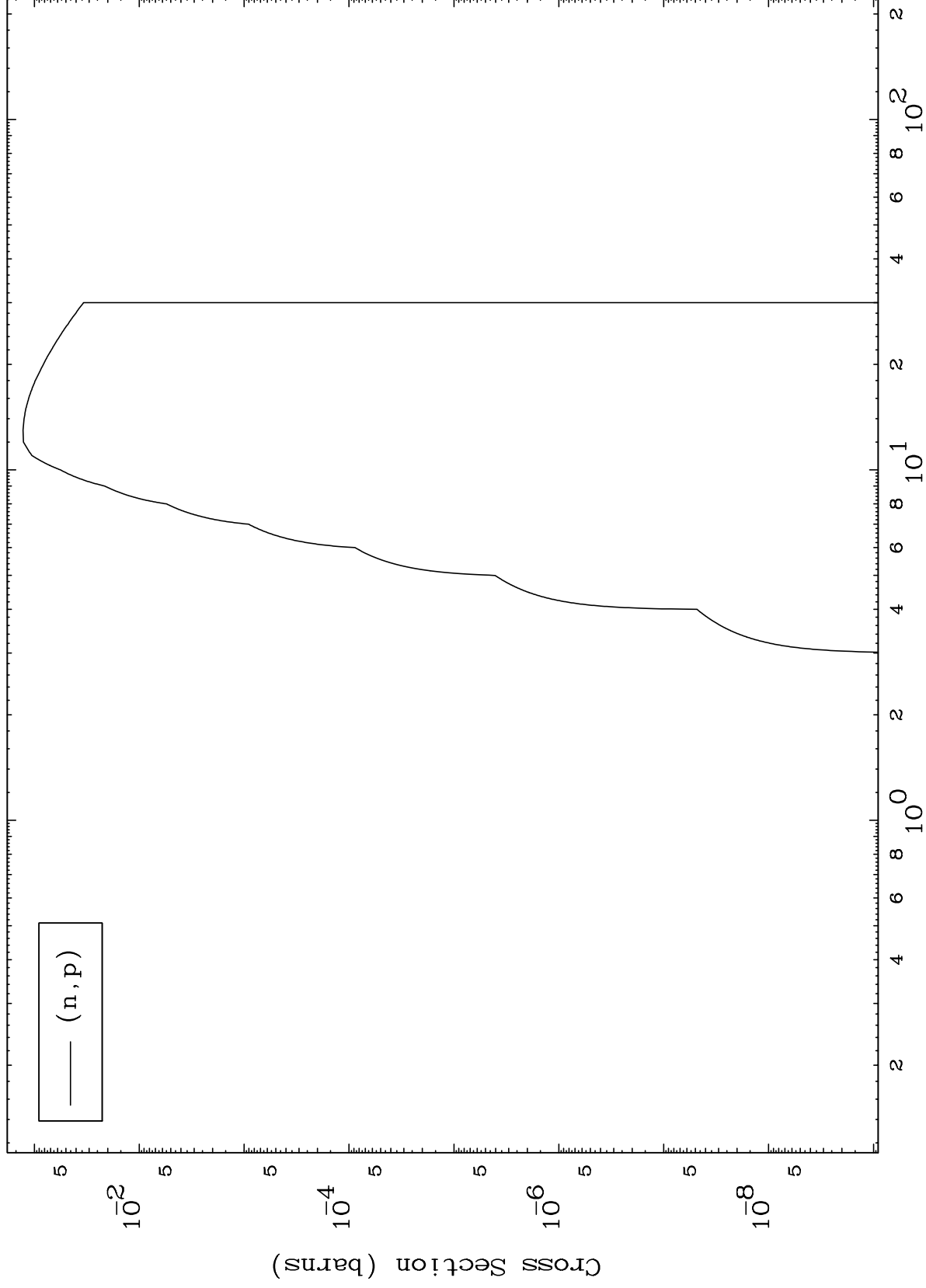




MAT 8274

83-Bi-192

(d,p) Levels
0 Kelvin Cross Sections

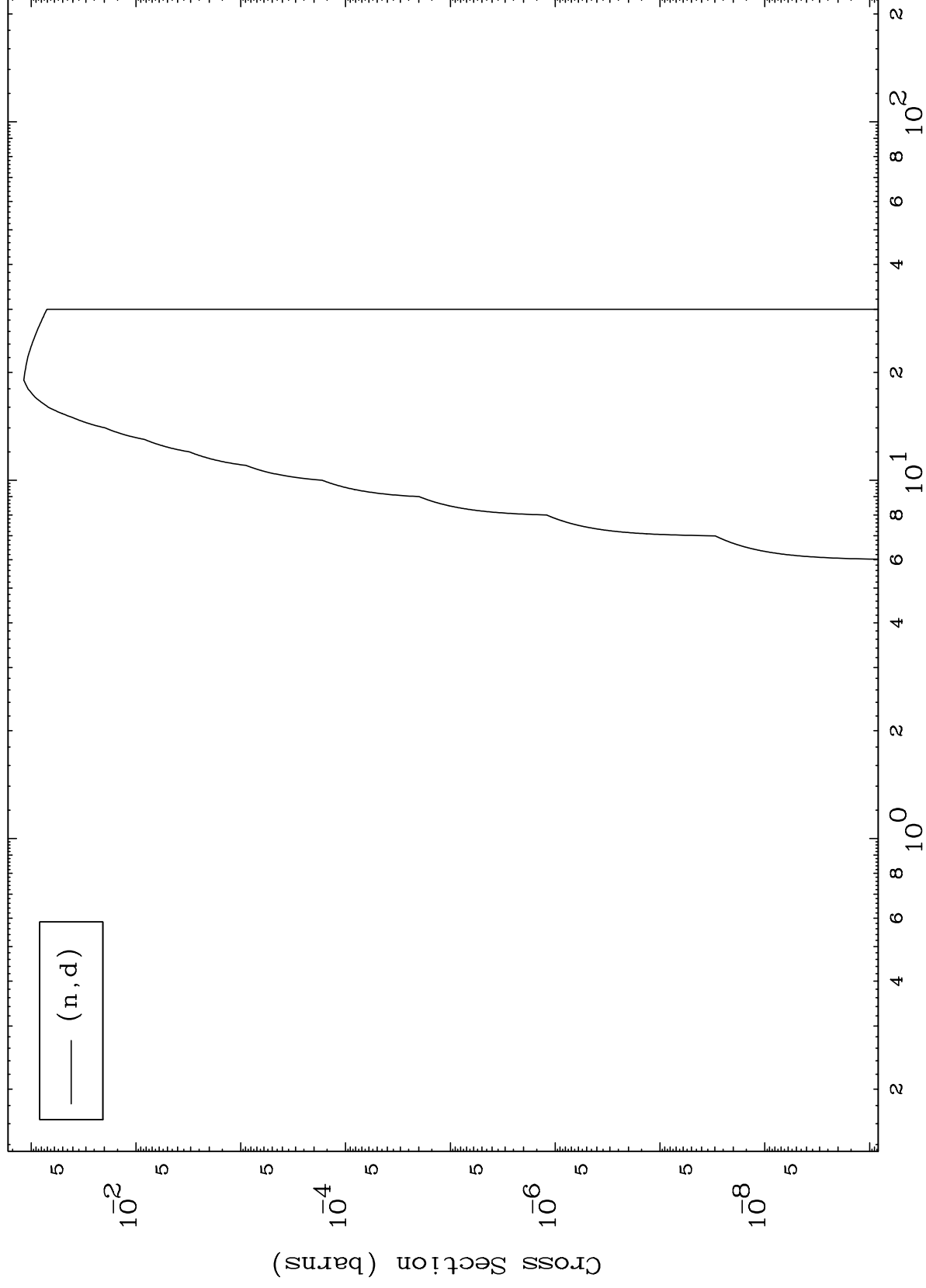


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Incident Energy (MeV)

83-Bi-192

(d,d) Levels
0 Kelvin Cross Sections

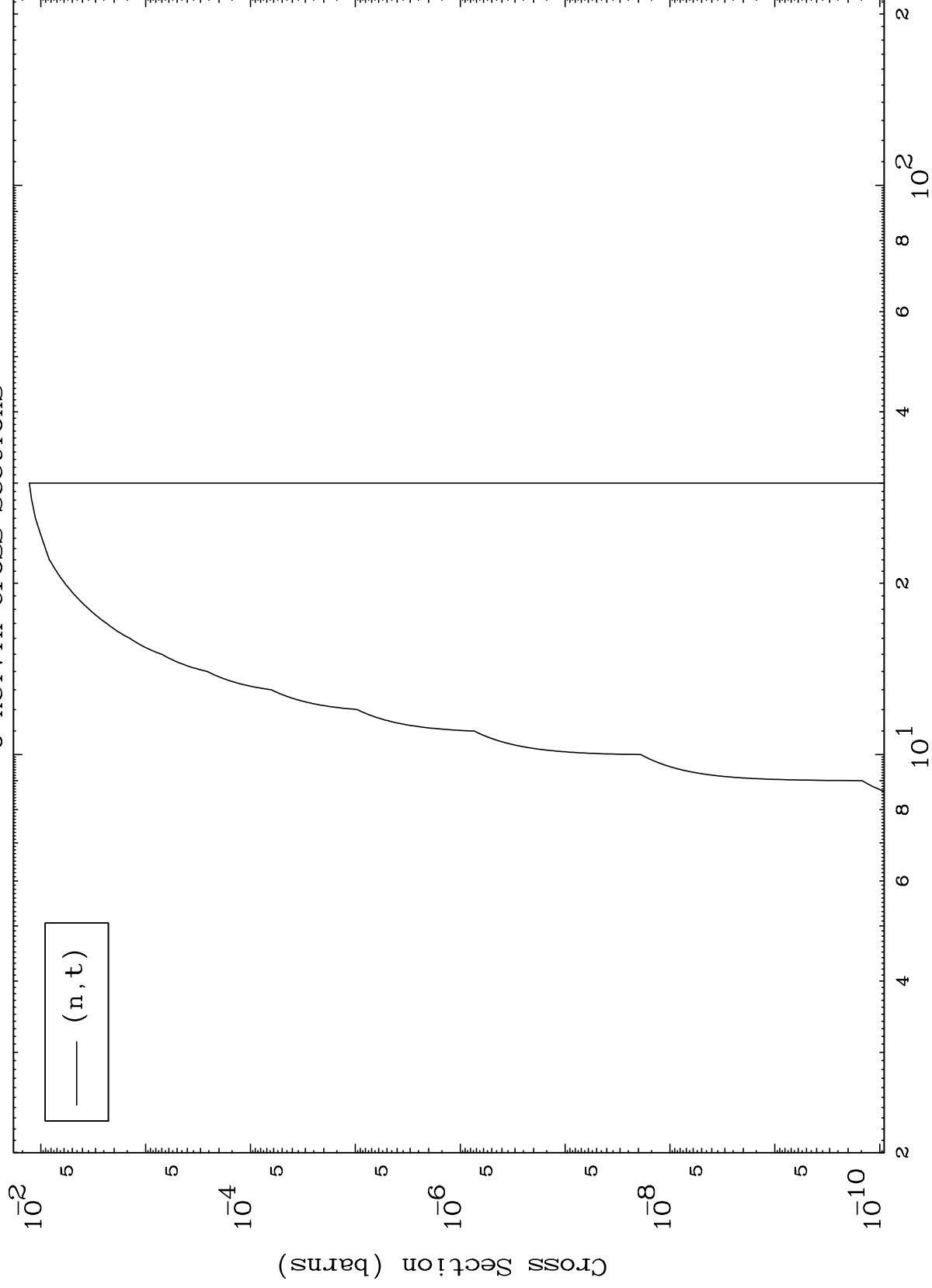


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(d,t) Levels

83-Bi-192

0 Kelvin Cross Sections

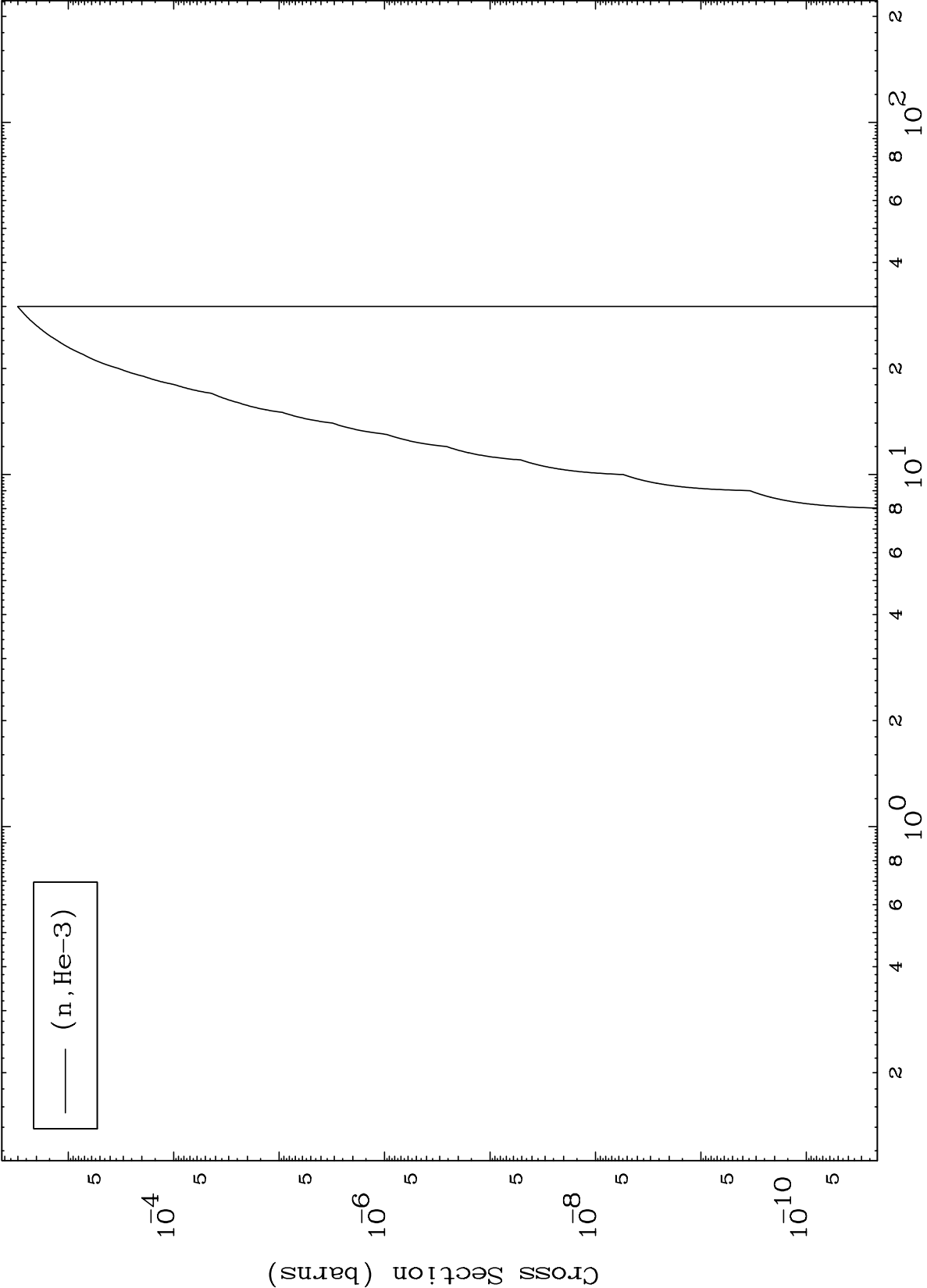


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Incident Energy (MeV)

83-Bi-192

0 Kelvin Cross Sections

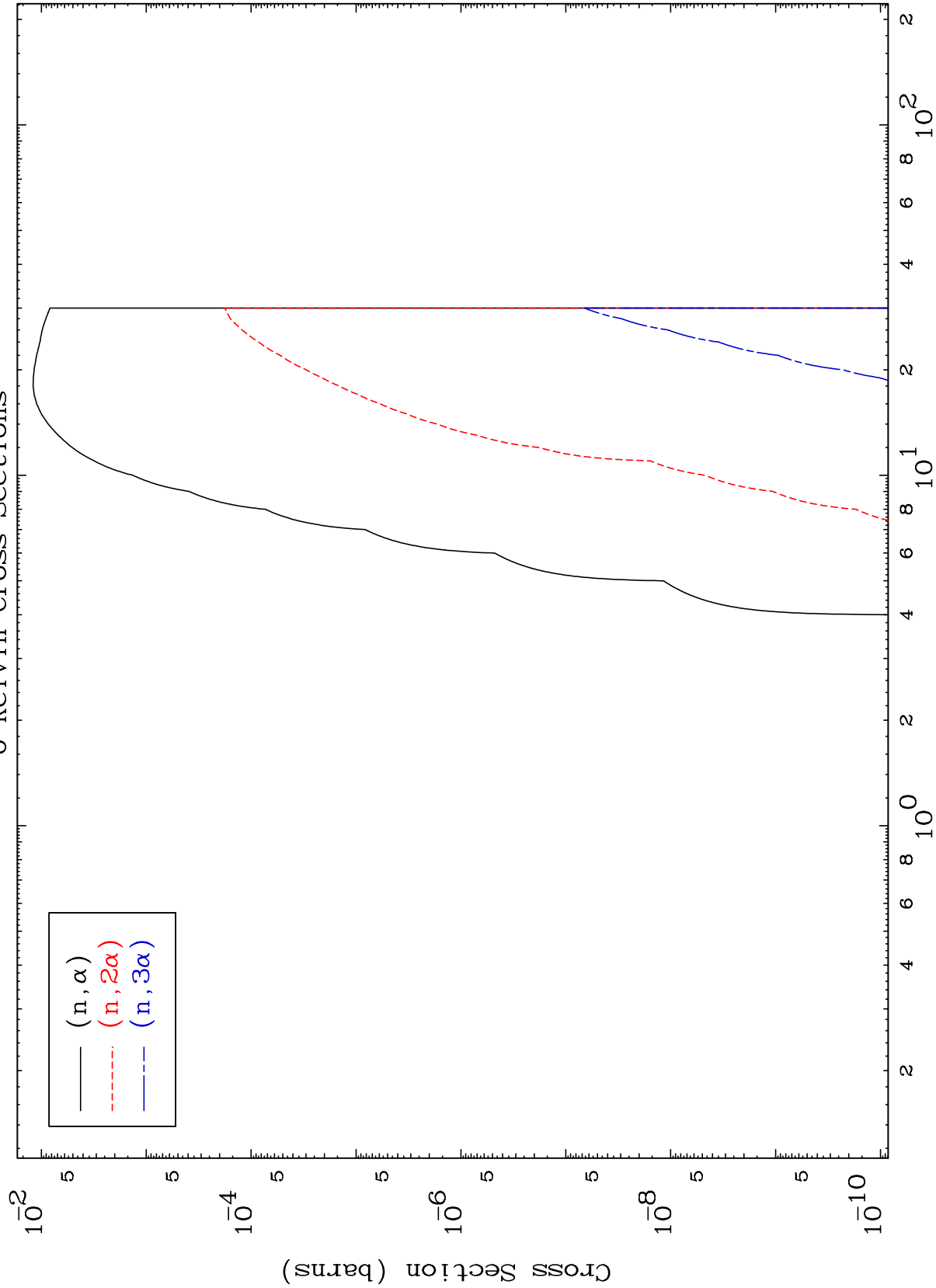


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(d, α) Levels

83-Bi-192

0 Kelvin Cross Sections

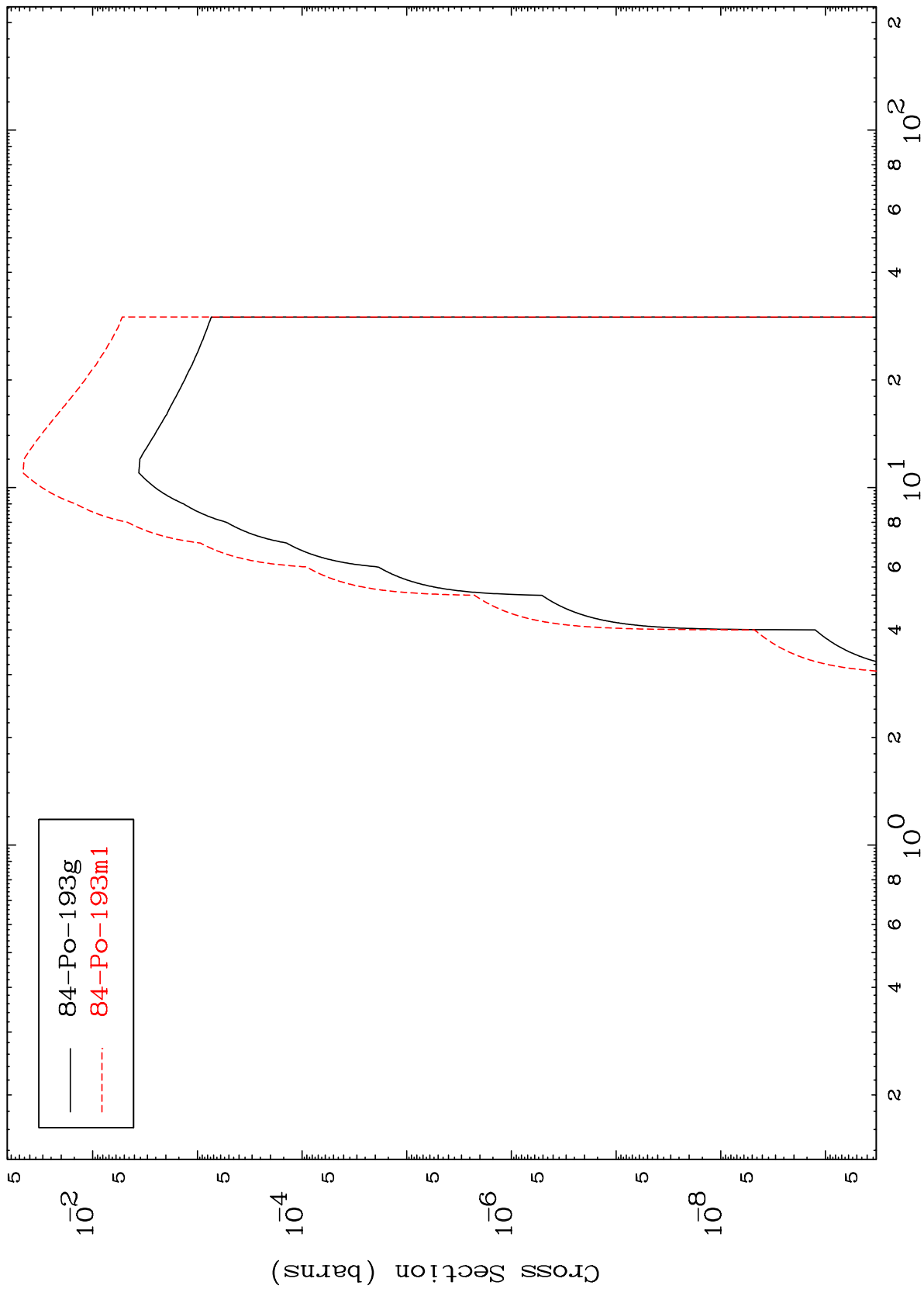


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Incident Energy (MeV)

83-Bi-192

Inelastic
Radionuclide Production Cross Section

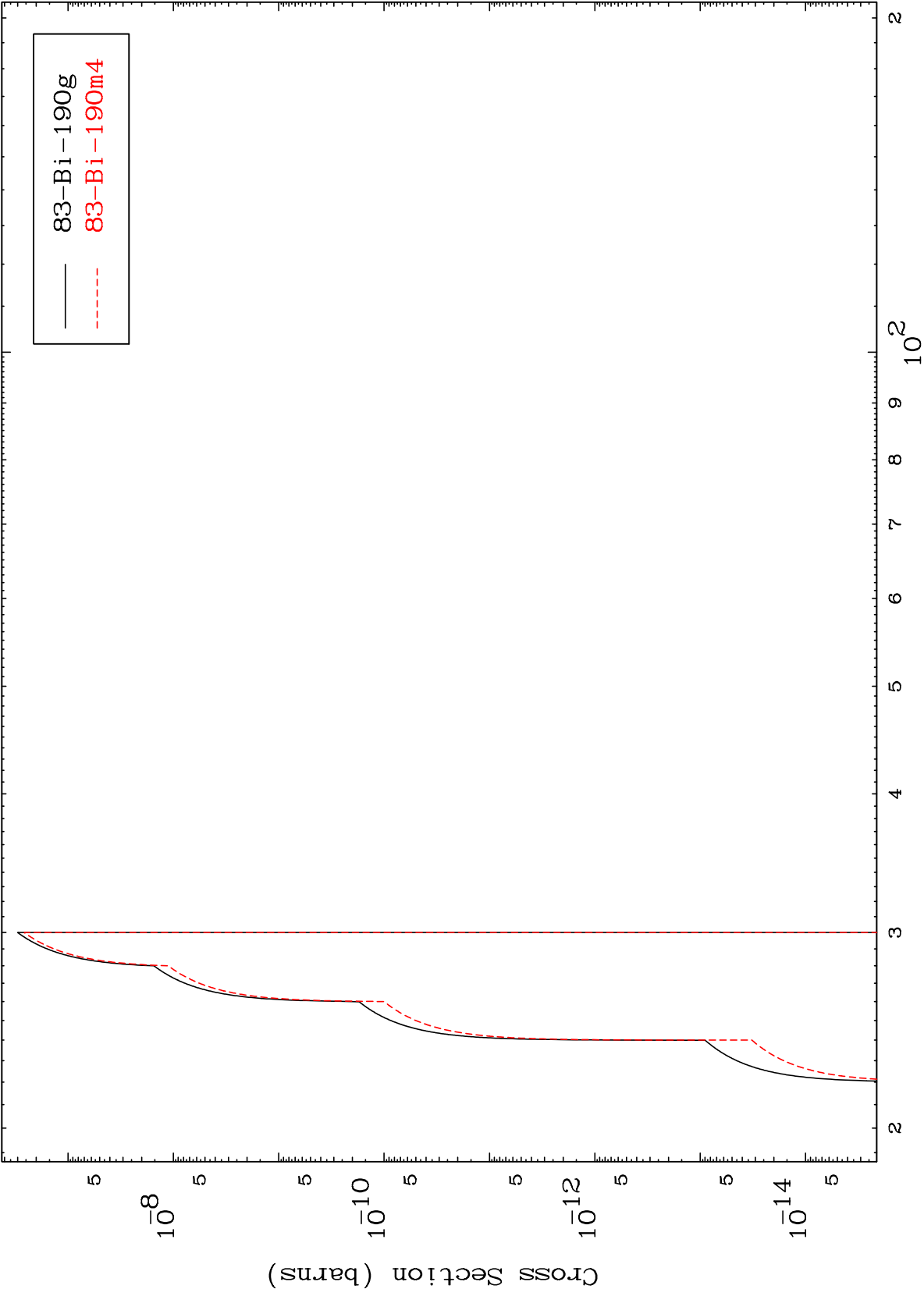


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(n,2n) d

83-Bi-192

Radionuclide Production Cross Section



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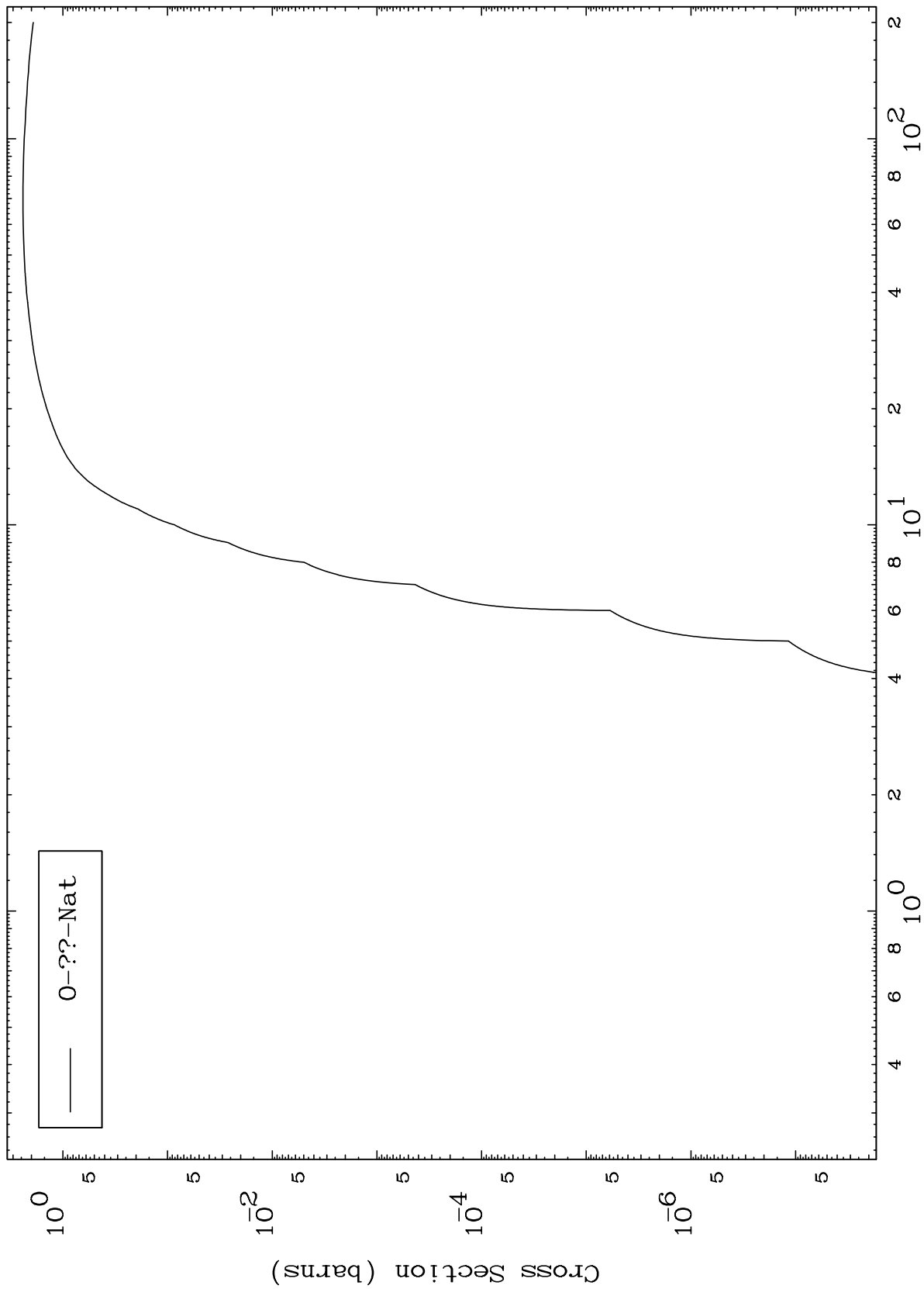
Incident Energy (MeV)

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Fission
Radionuclide Production Cross Section



15

Incident Energy (MeV)

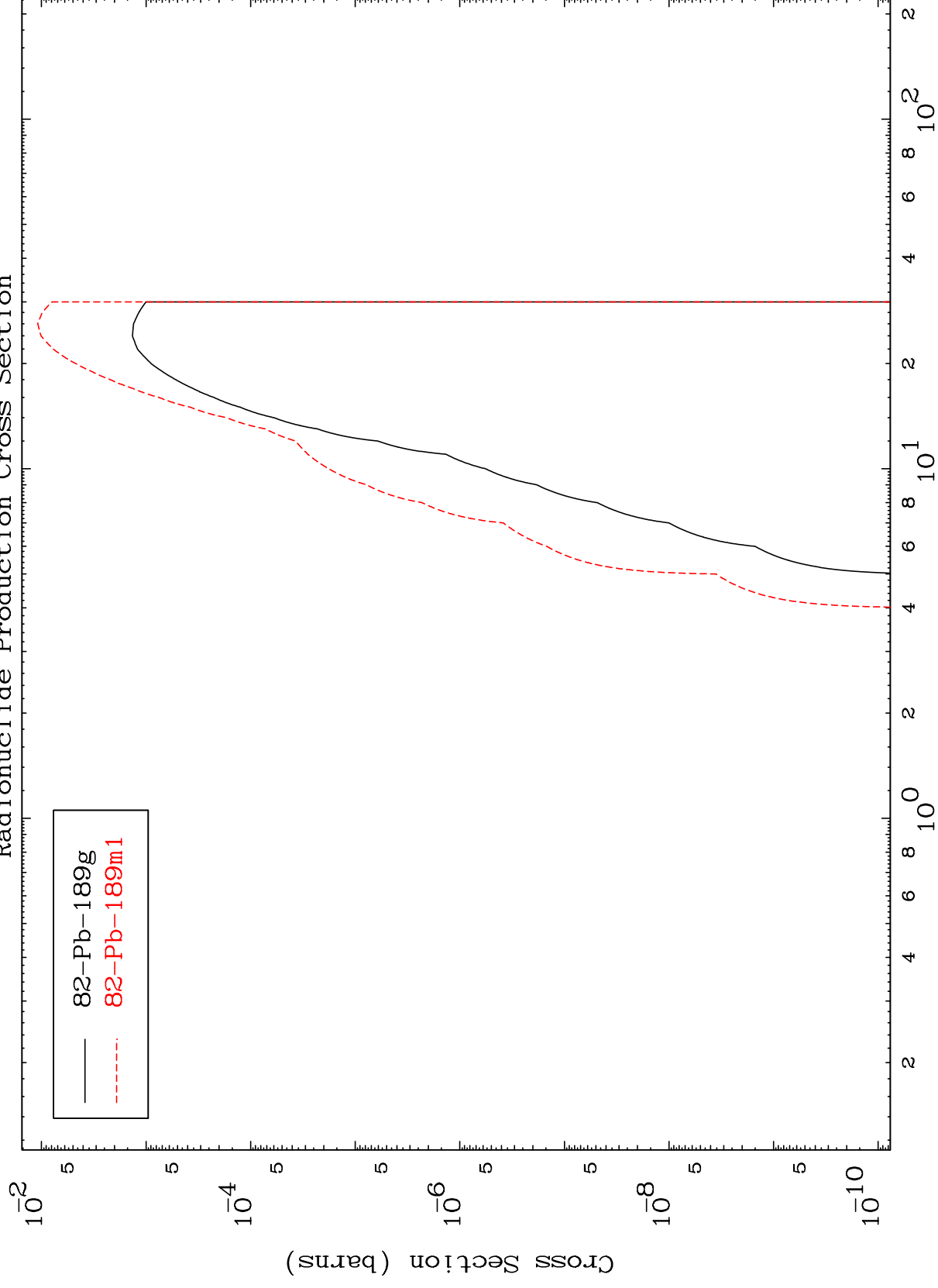
83-Bi-192

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83-Bi-192

$$(n, n') \propto$$

Radionuclide Production Cross Section

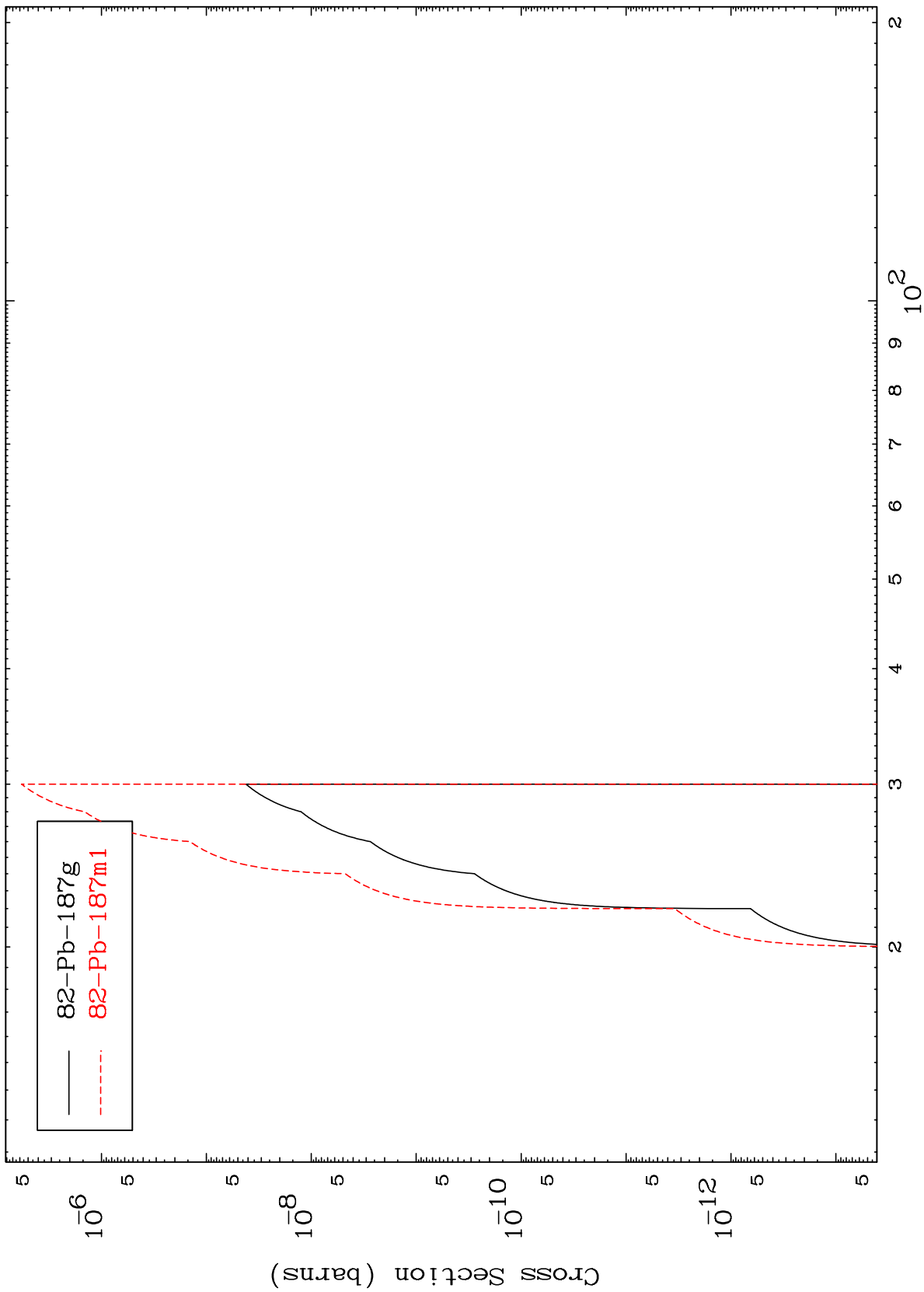


16

Incident Energy (MeV)

83-Bi-192

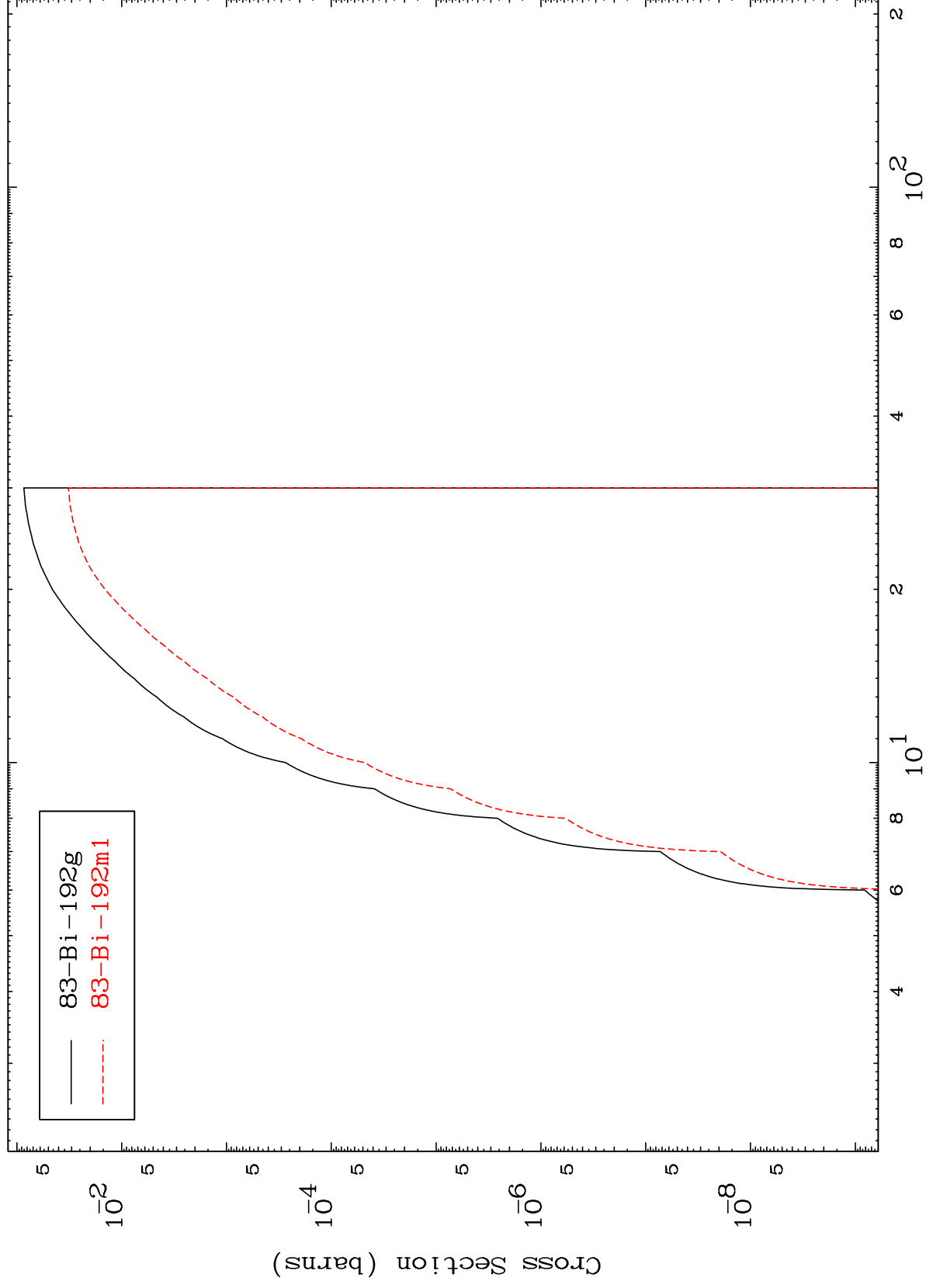
Radionuclide Production Cross Section
(n,3n) α



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83-Bi-192

(n,n') p
Radionuclide Production Cross Section



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Incident Energy (MeV)

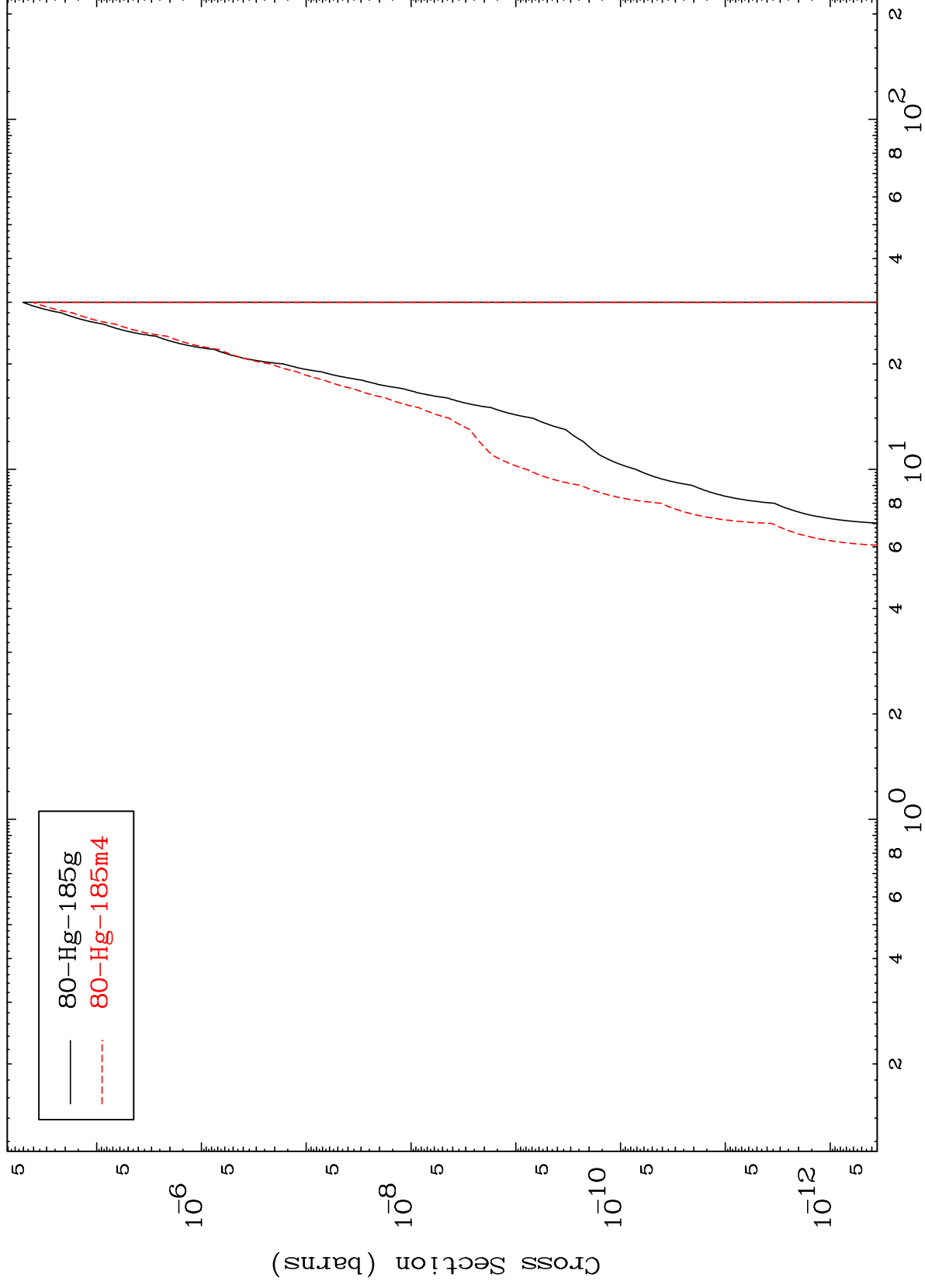
83-Bi-192

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(n,n') 2 α

83-Bi-192

Radionuclide Production Cross Section



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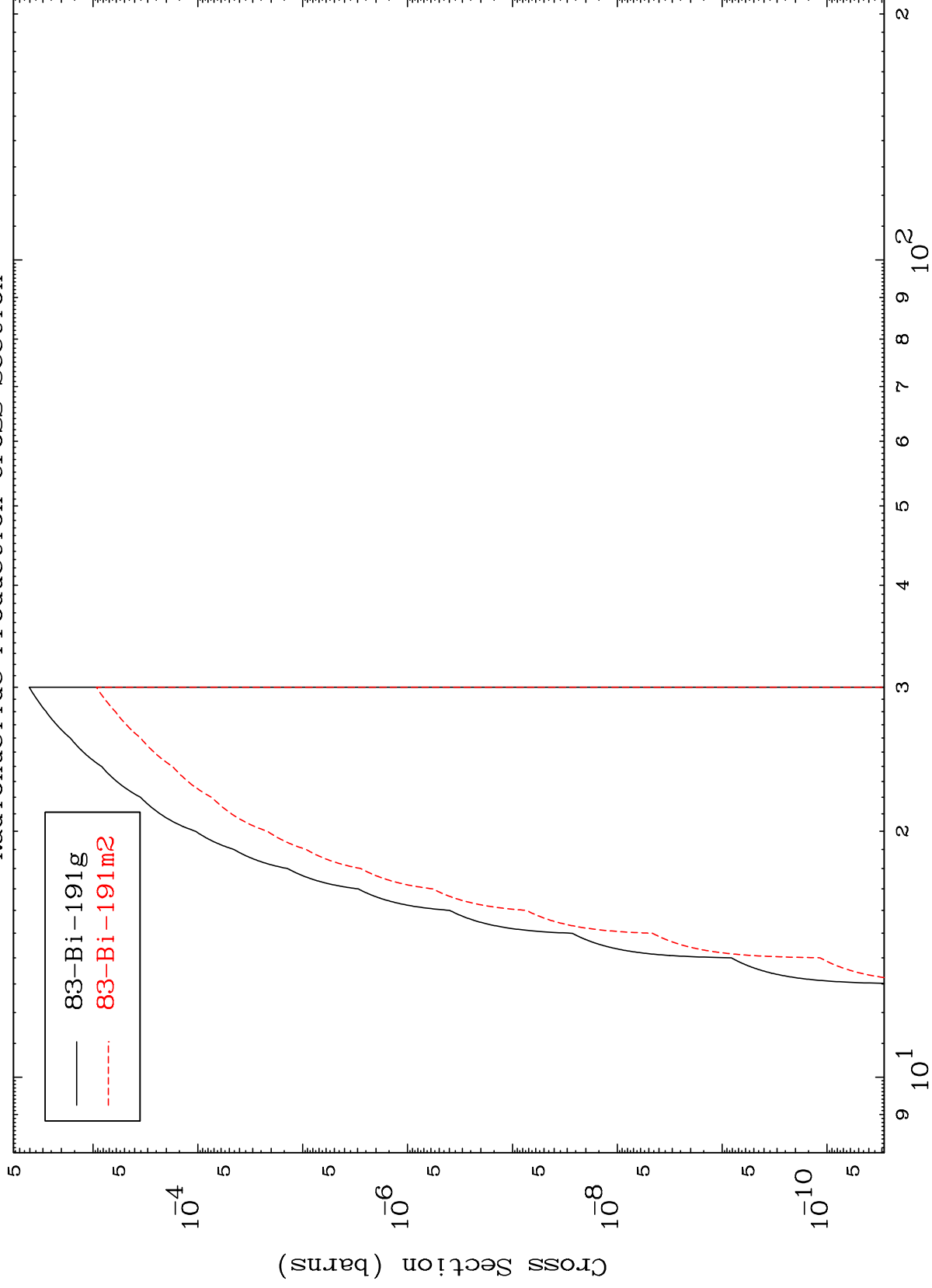
Incident Energy (MeV)

83-Bi-192

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83-Bi-192

(n,n') d
Radionuclide Production Cross Section

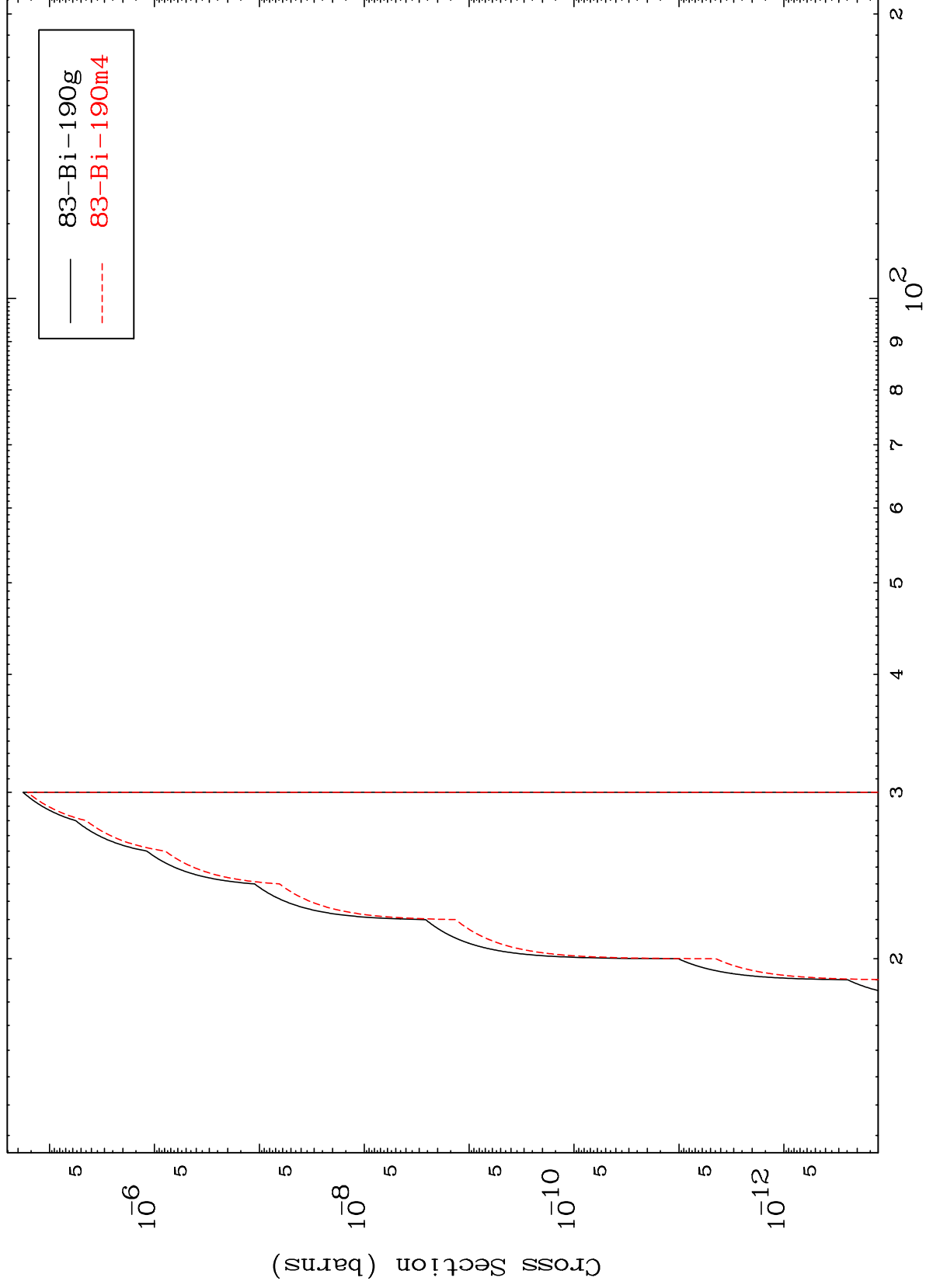


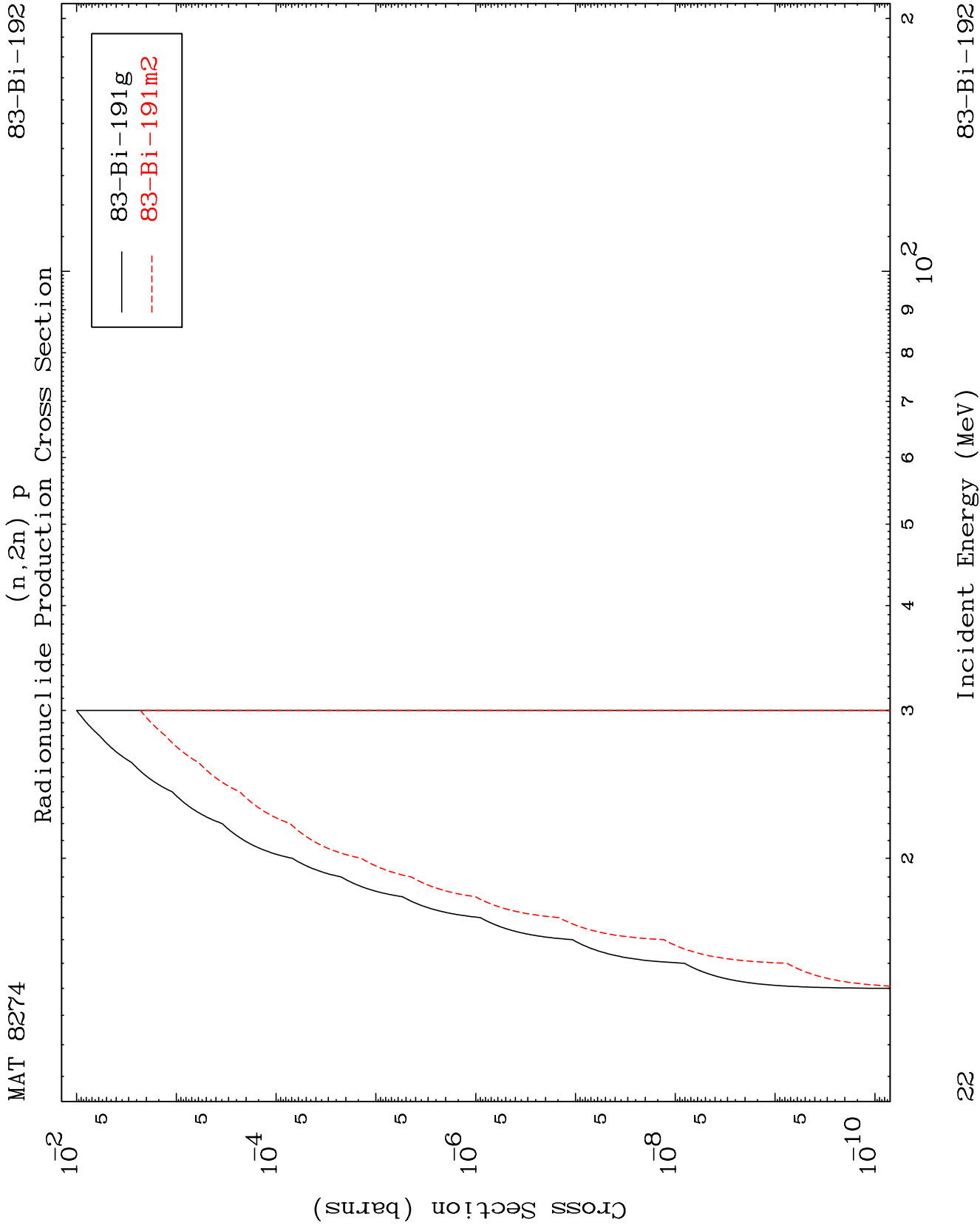
83-Bi-192

Incident Energy (MeV)

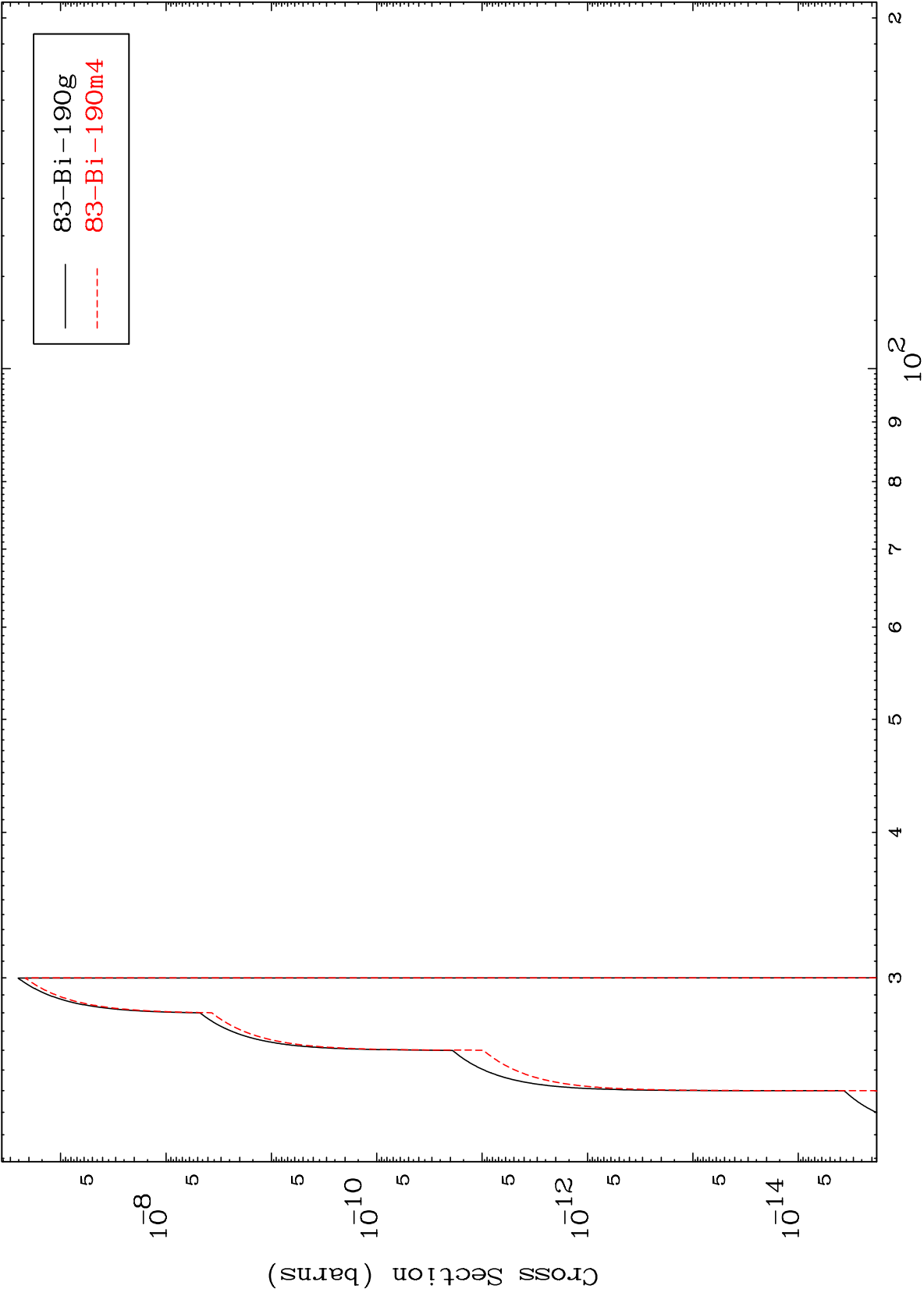
20

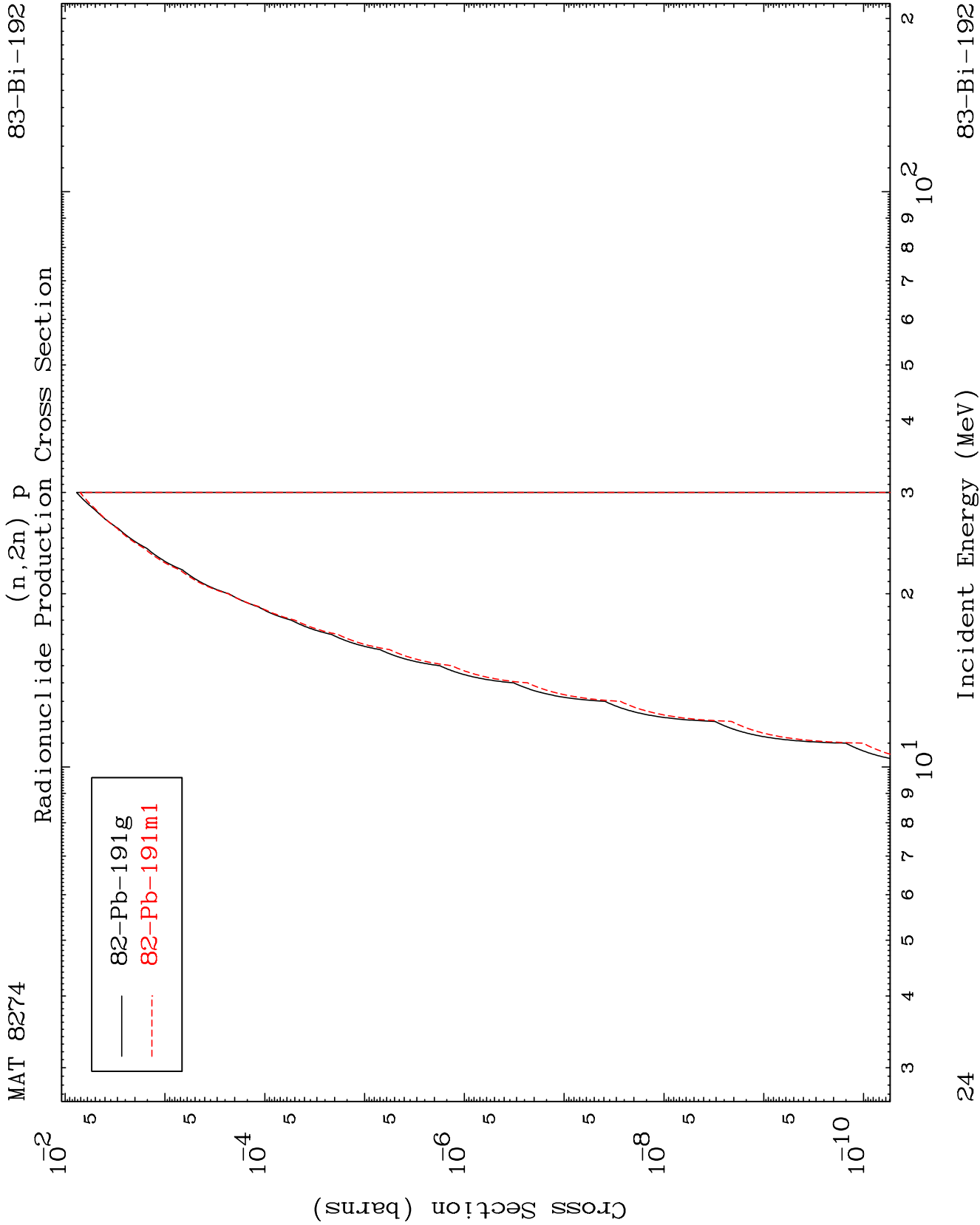
(n,n') t
Radionuclide Production Cross Section



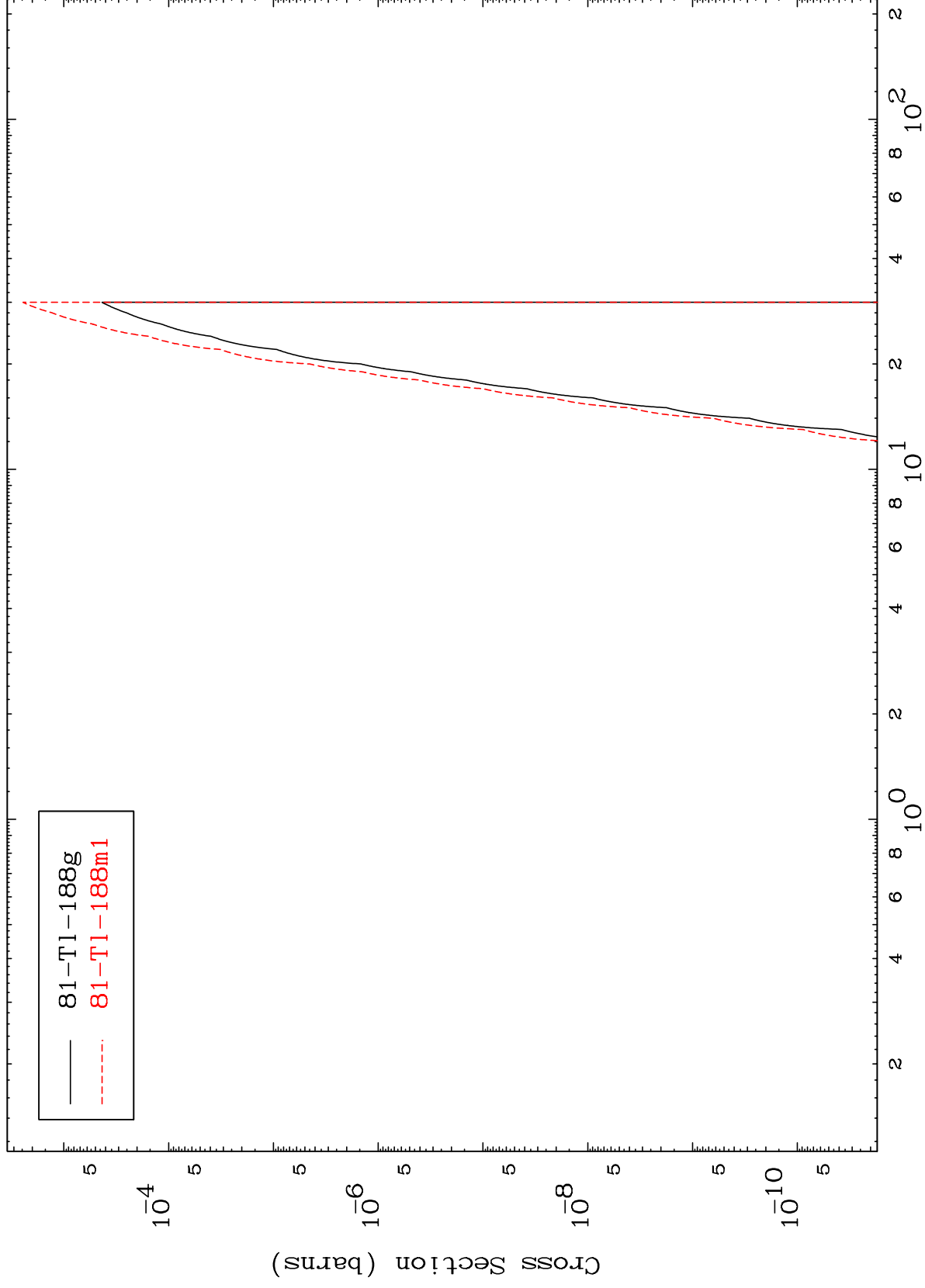


(n,3n) p
Radionuclide Production Cross Section

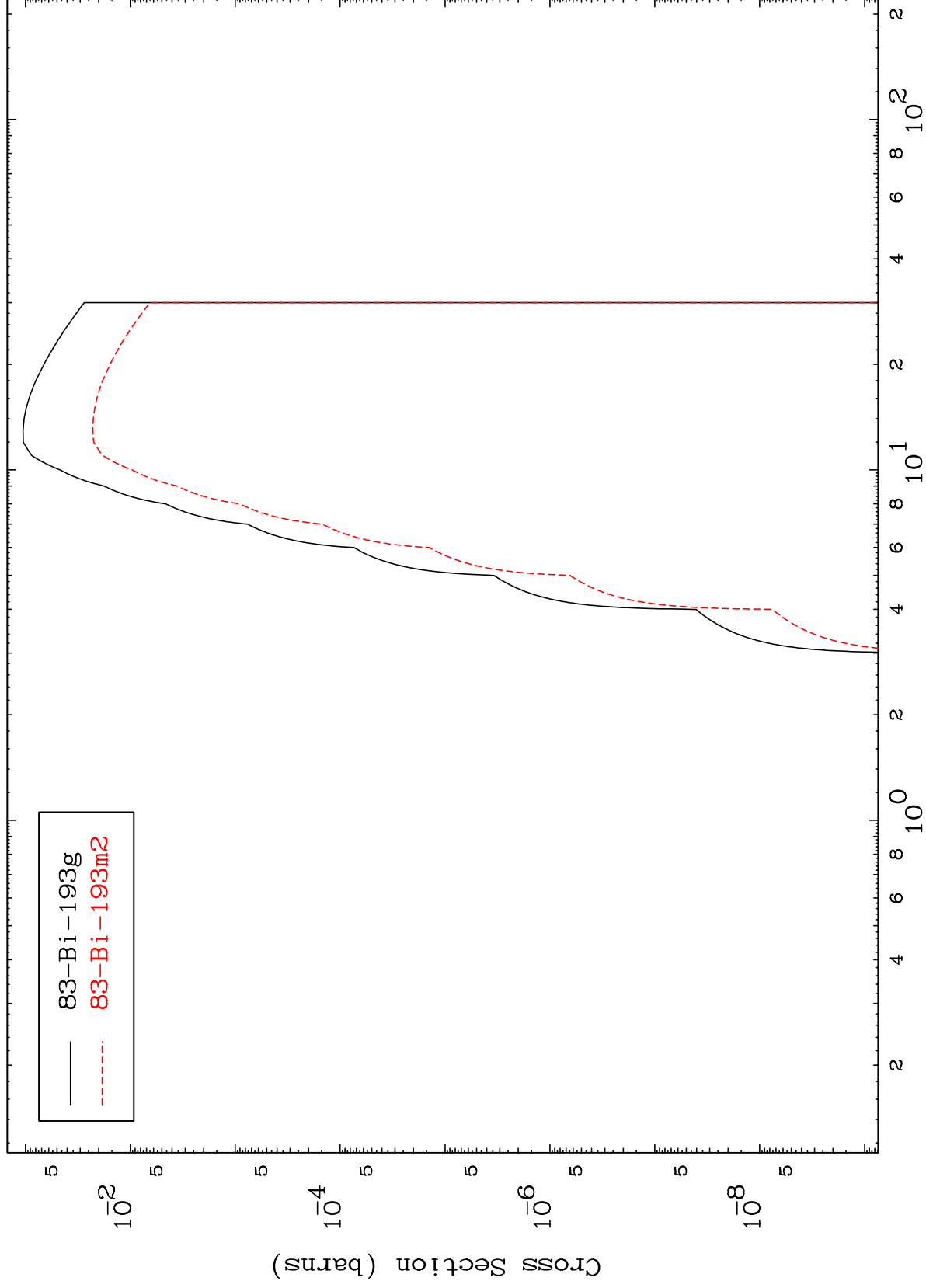




Radionuclide Production Cross Section
(n,n') p α



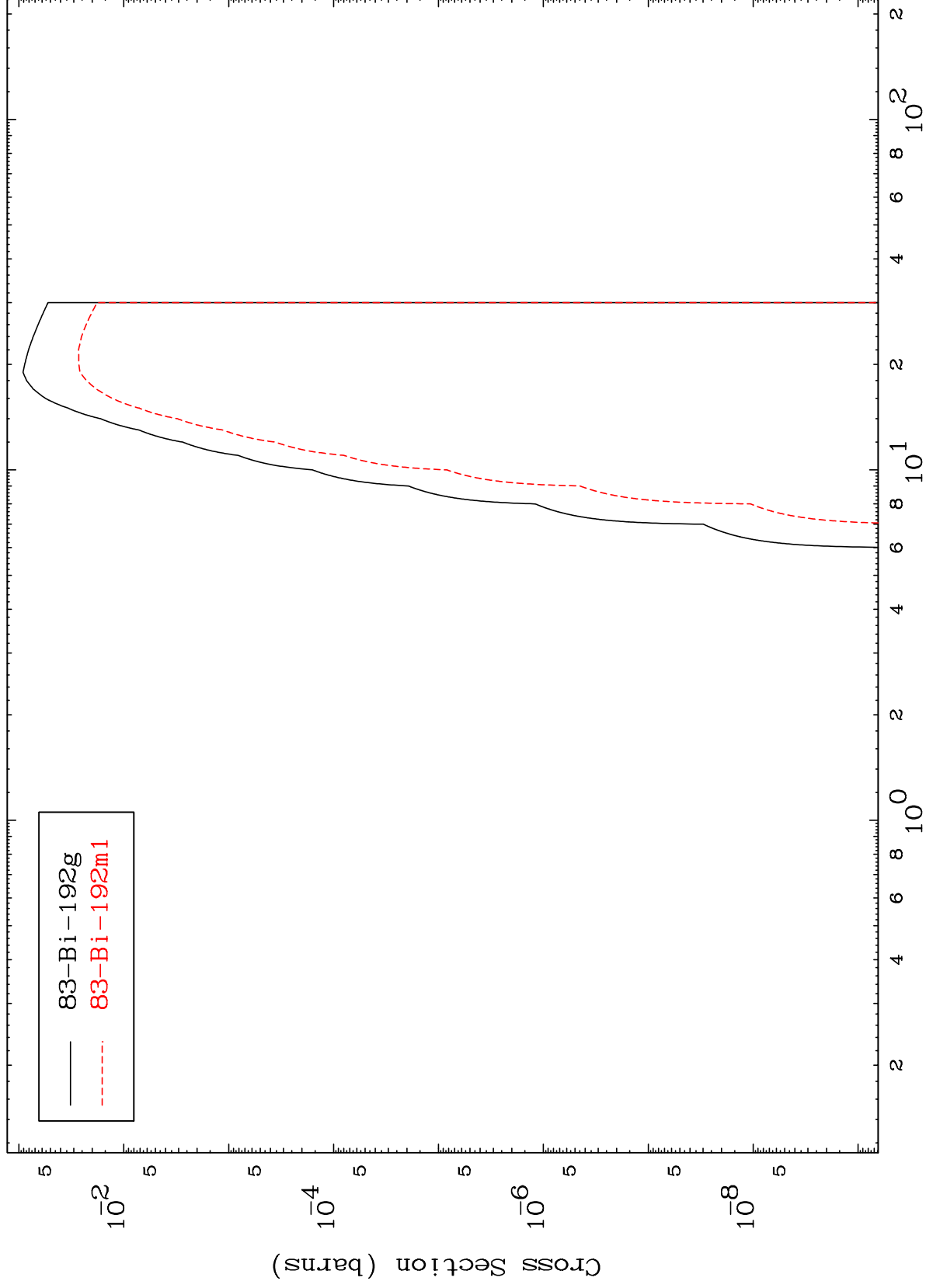
Radionuclide Production Cross Section (n,p)



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83-Bi-192

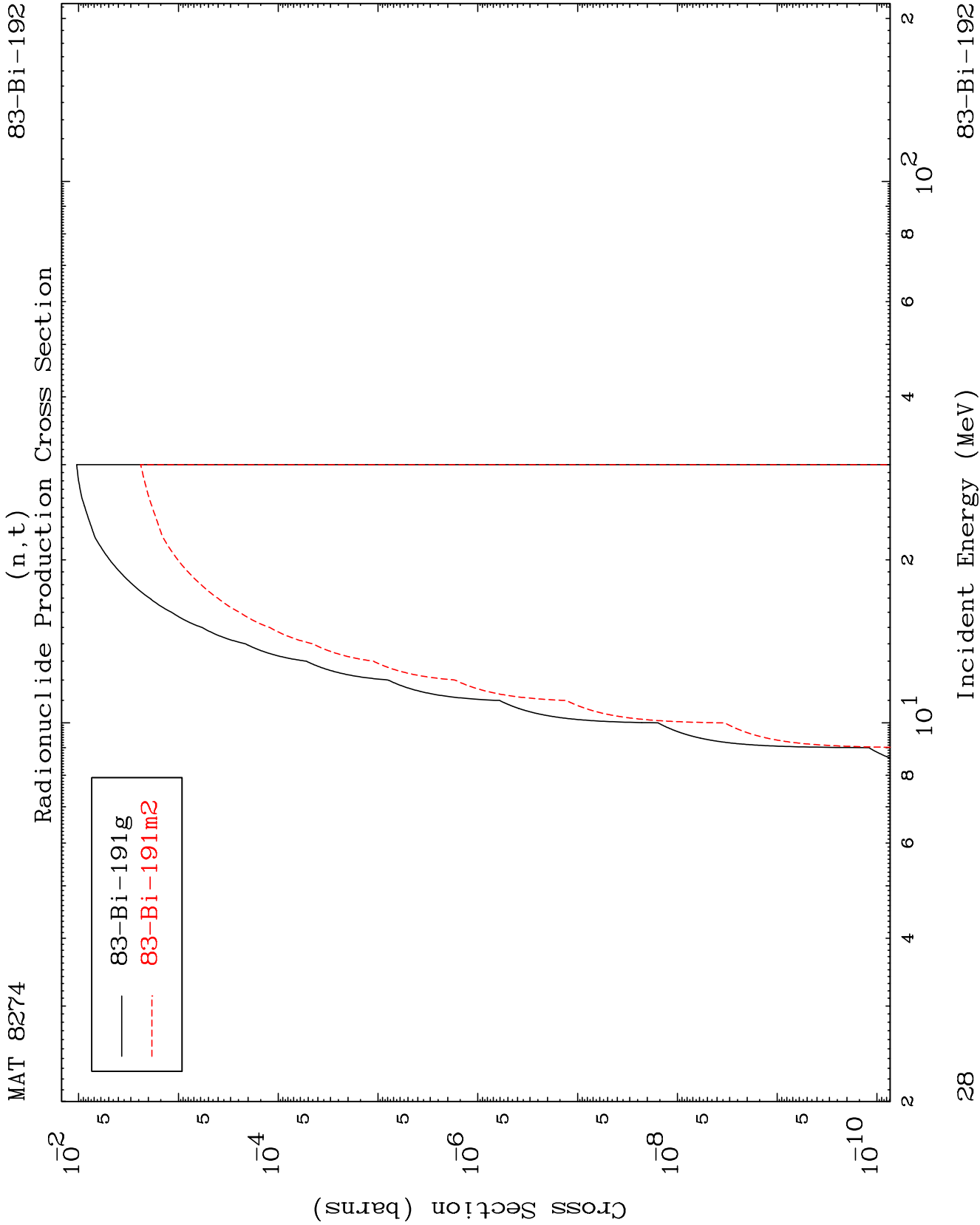
Radionuclide Production Cross Section
(n,d)



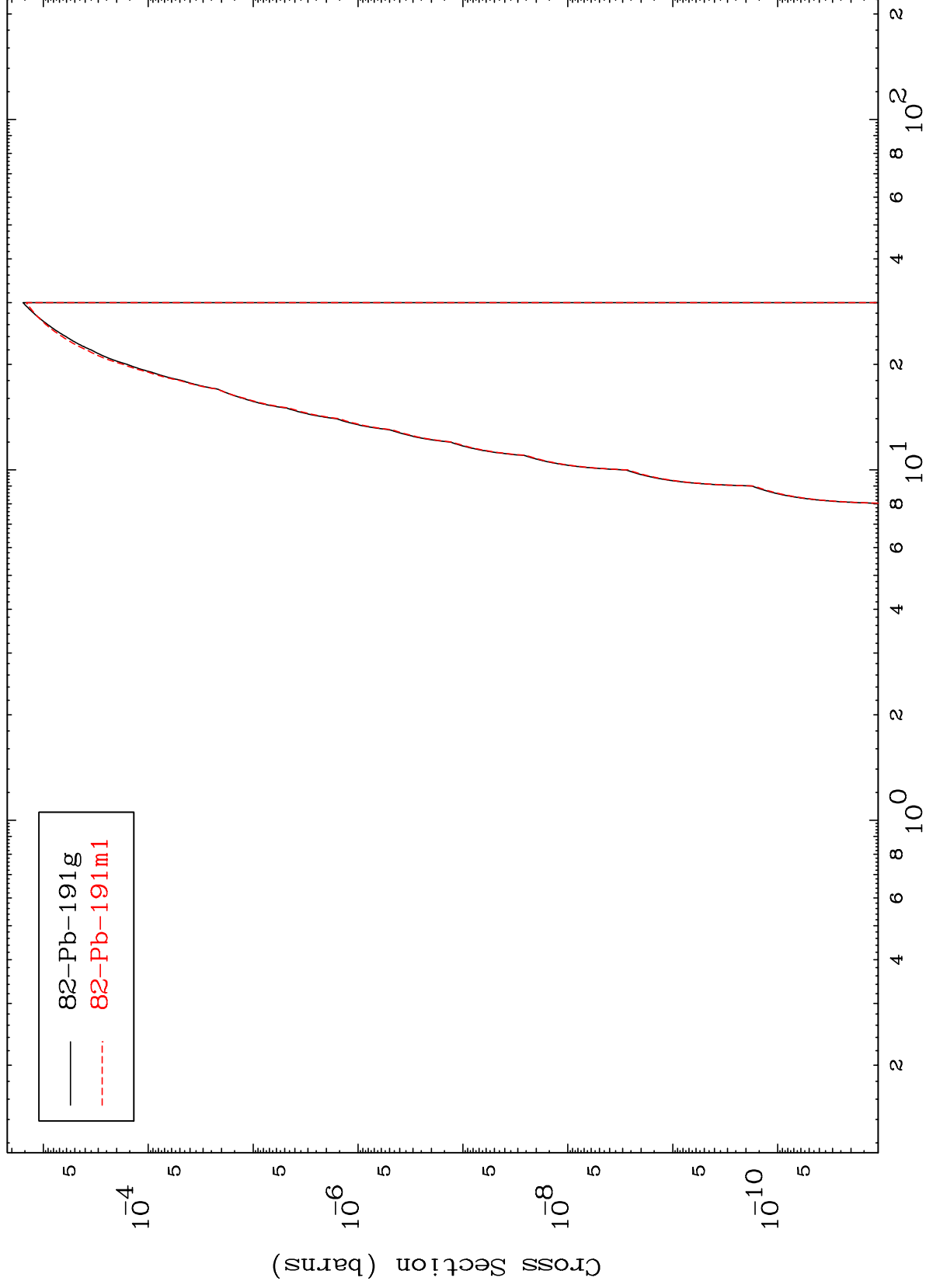
27

Incident Energy (MeV)

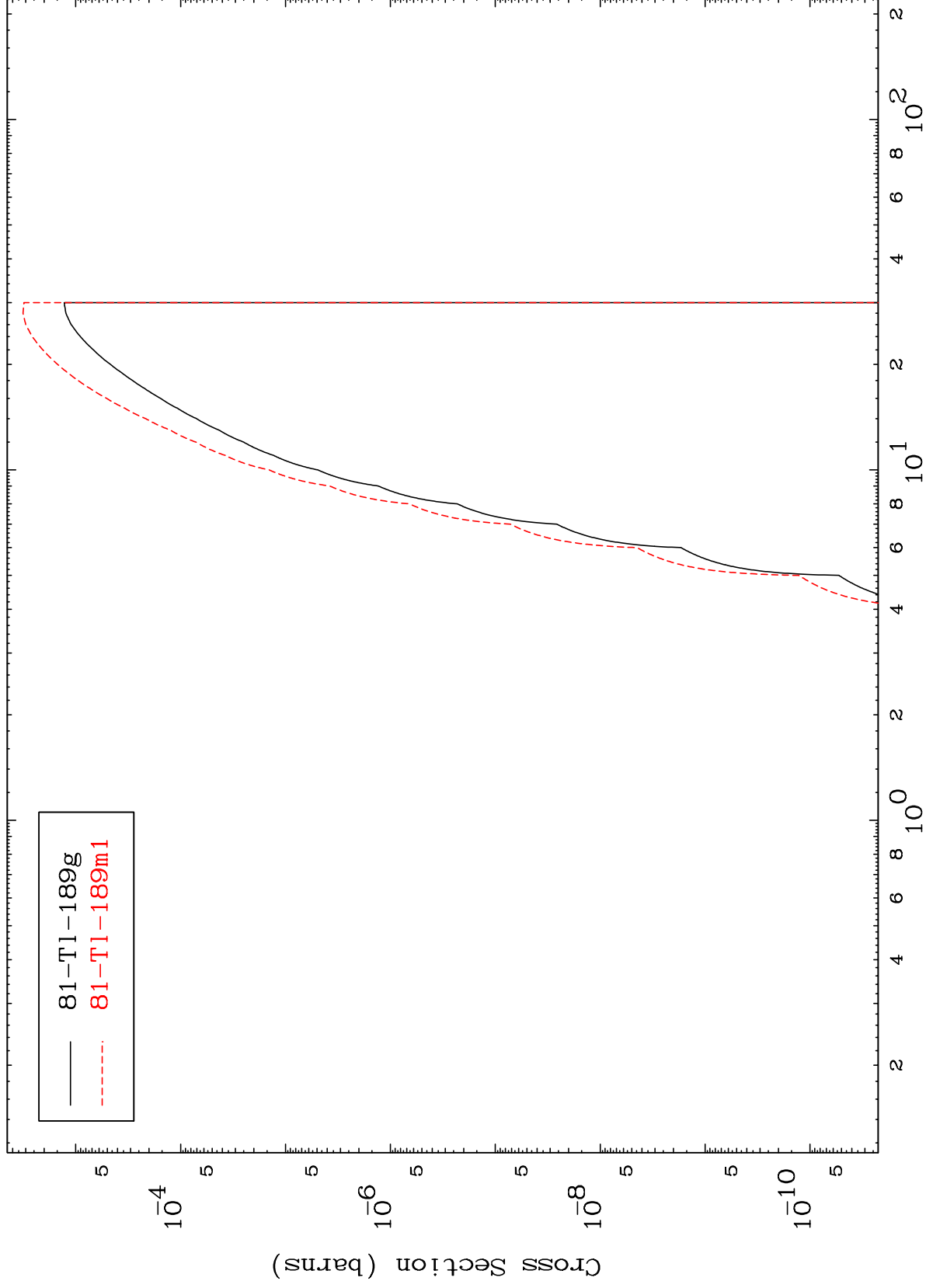
83-Bi-192



Radionuclide Production Cross Section
(n,He-3)



Radionuclide Production Cross Section
(n,p) α

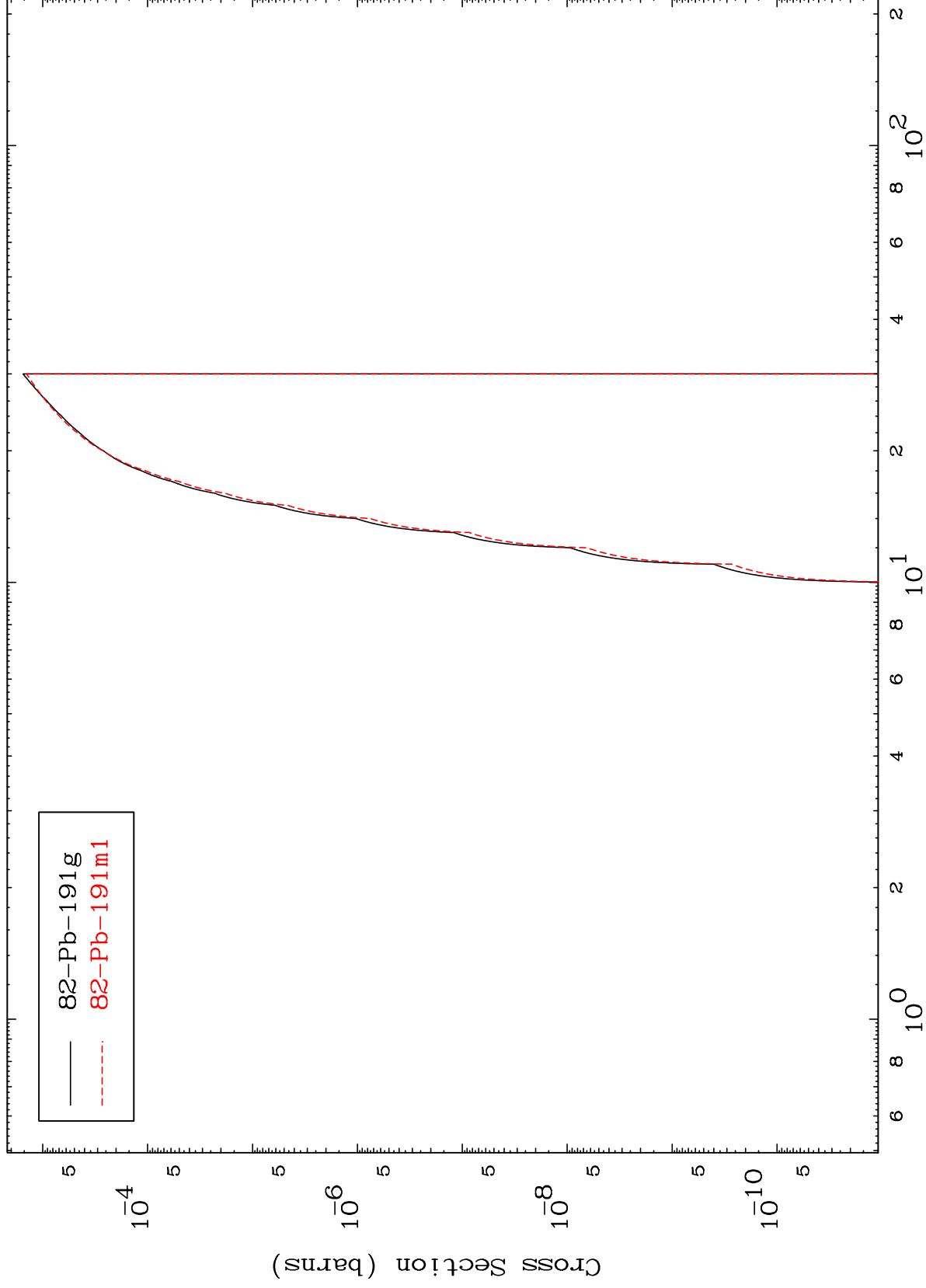


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(n,p) d

83-Bi-192

Radionuclide Production Cross Section



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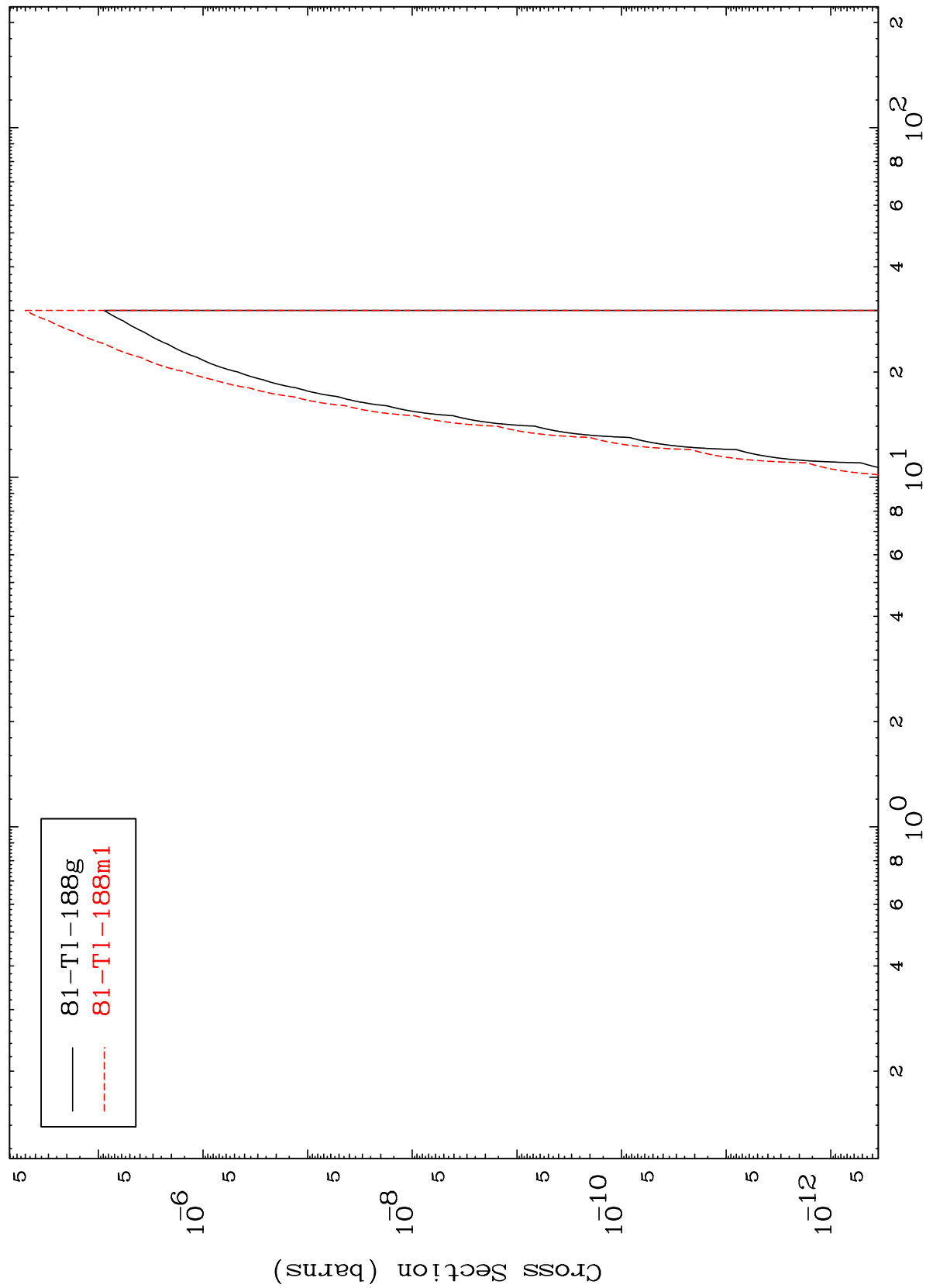
Incident Energy (MeV)

83-Bi-192

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83-Bi-192

Radionuclide Production Cross Section
(n,d) α



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Incident Energy (MeV)

83-Bi-192