

Program EVALPLOT
(Version 2021-1)

by

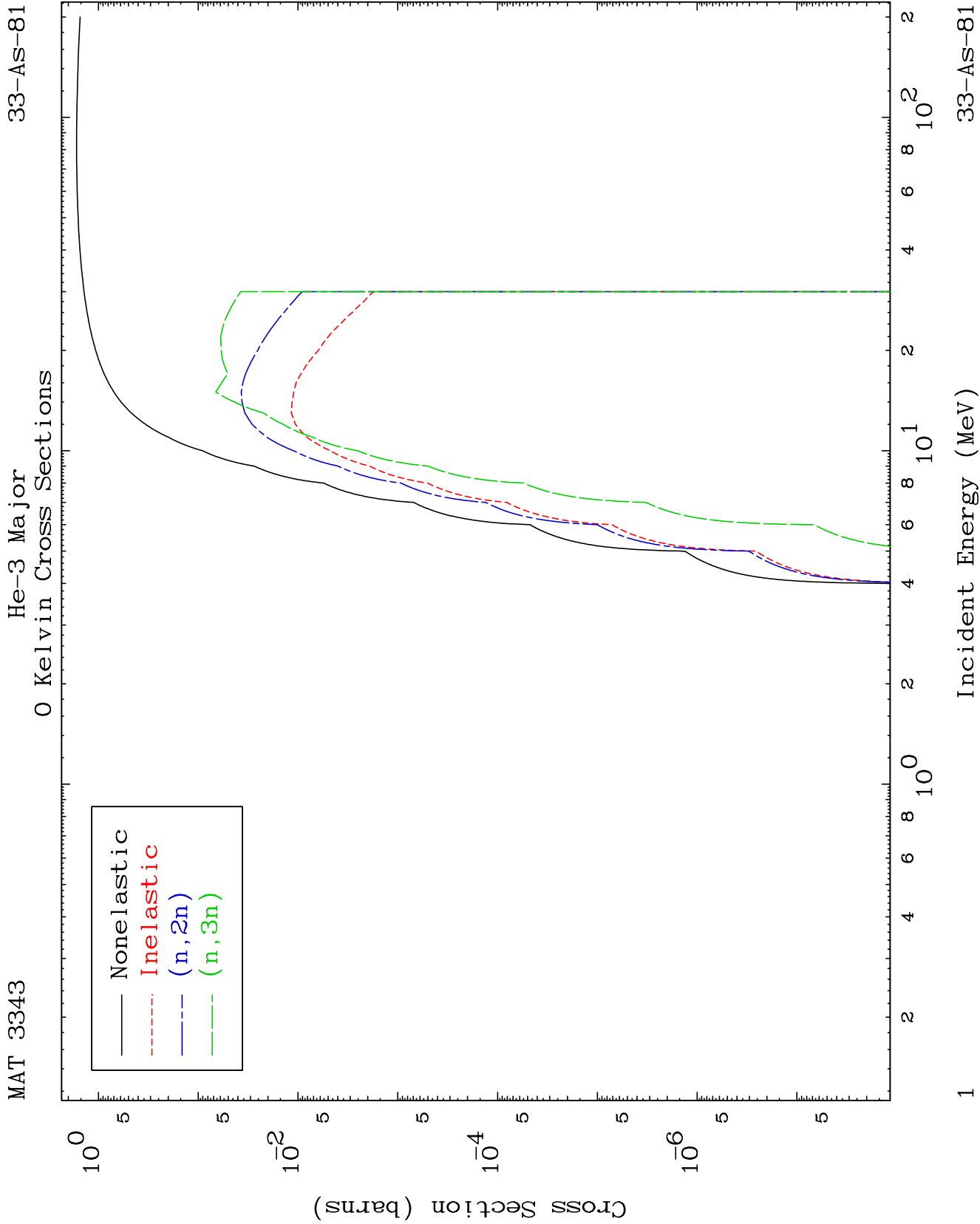
Dermott E. Cullen
(Present Contact Information)

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

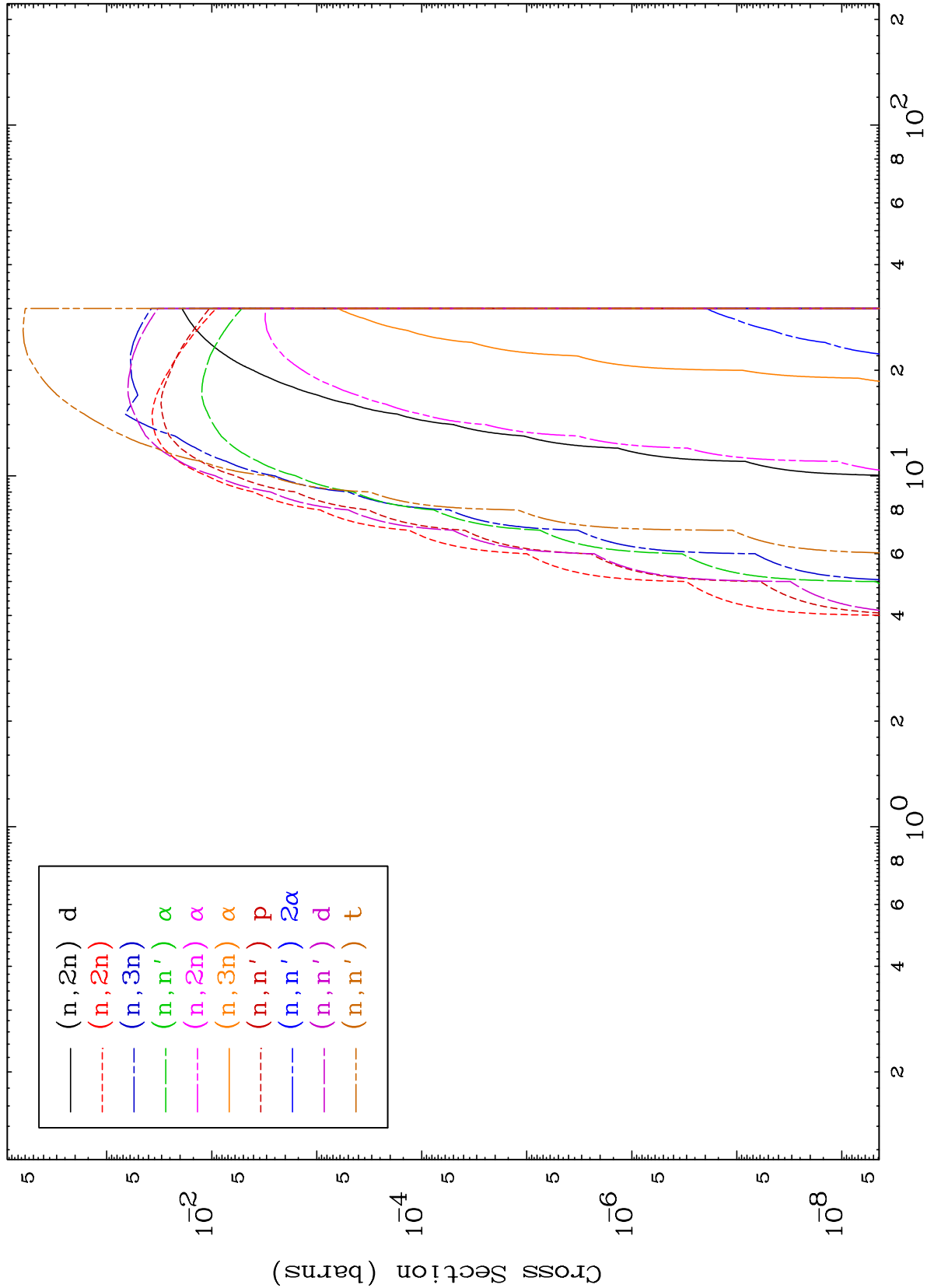
Press Mouse Button to Start

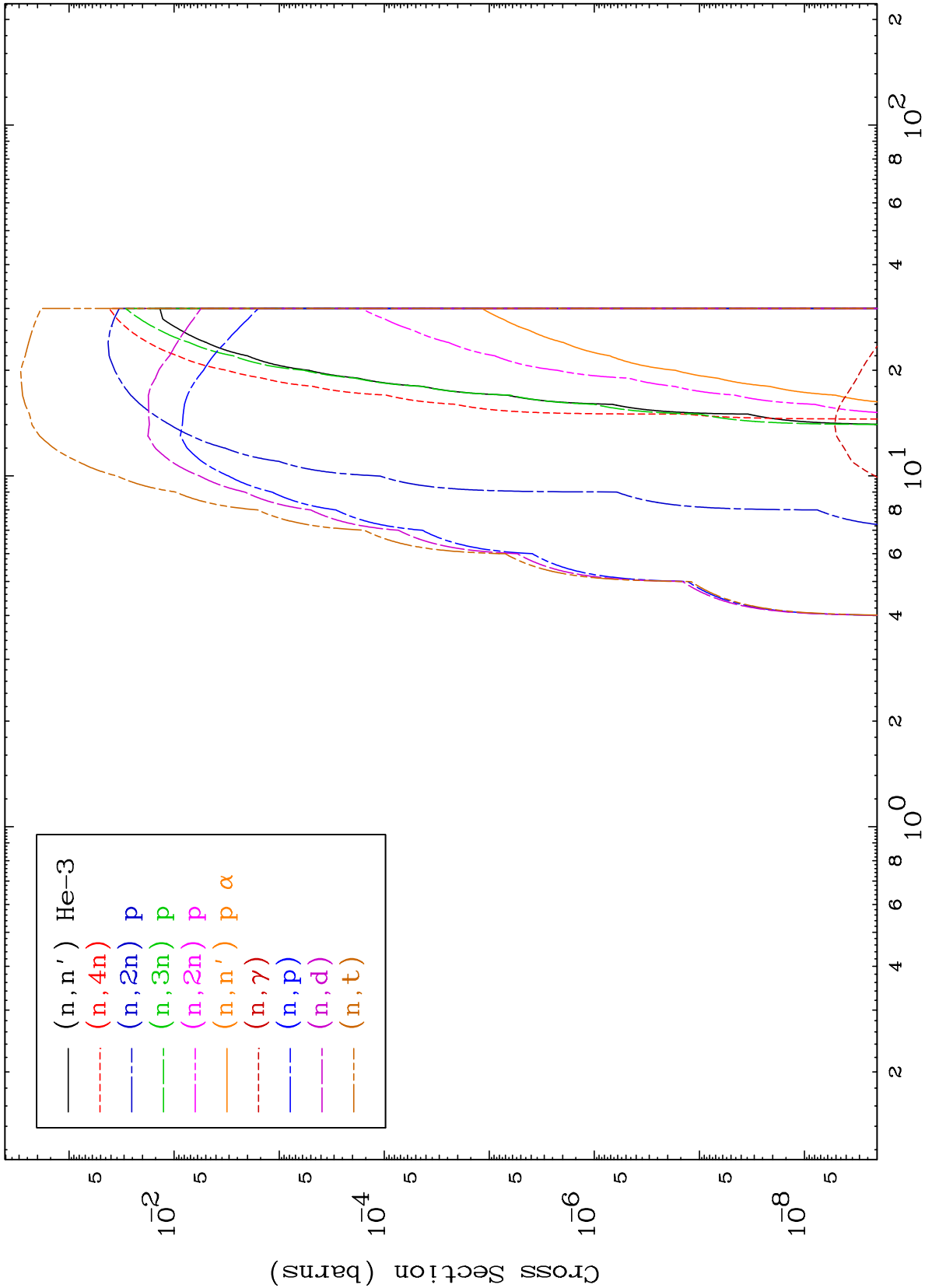


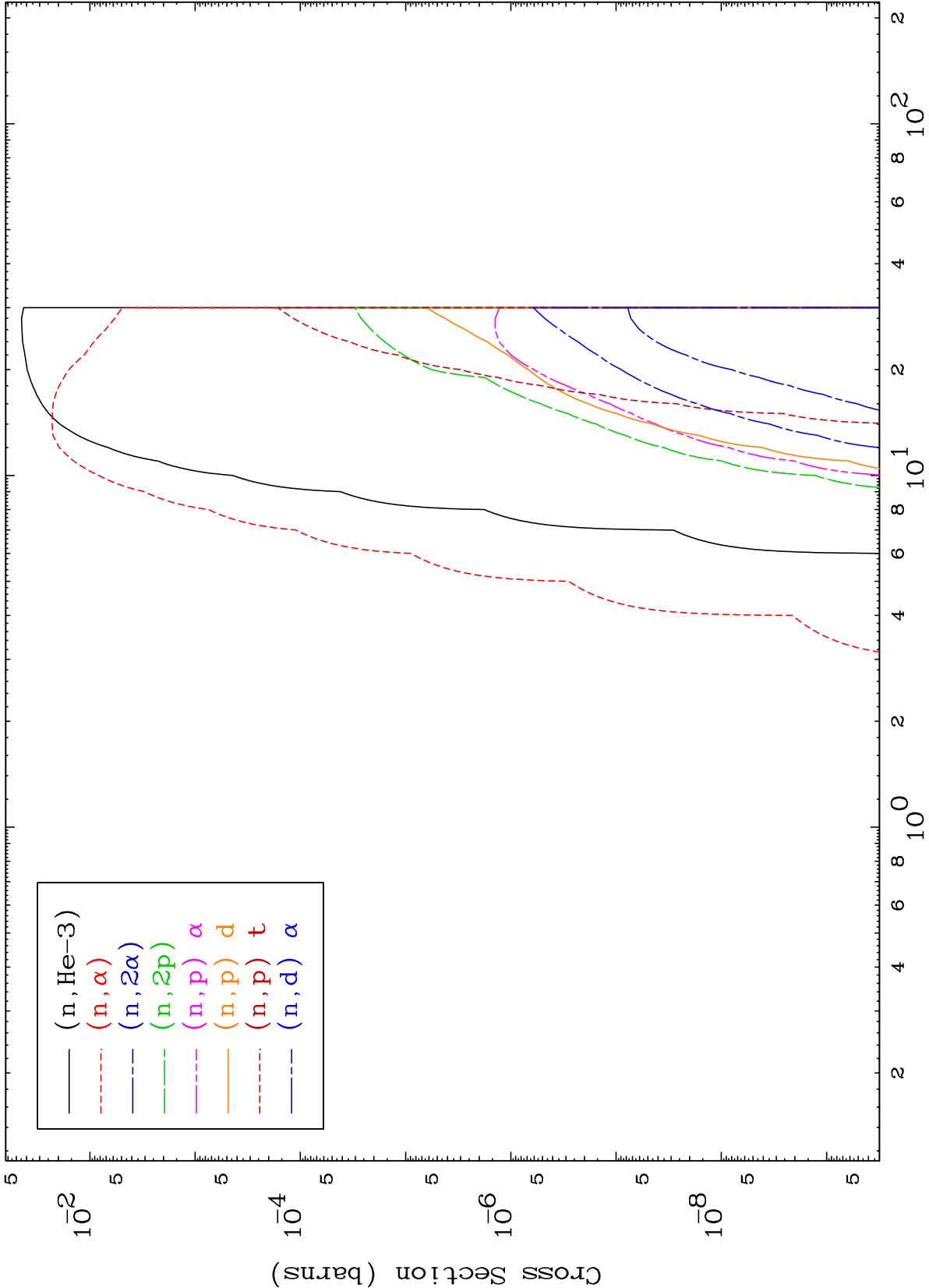
MAT 3343

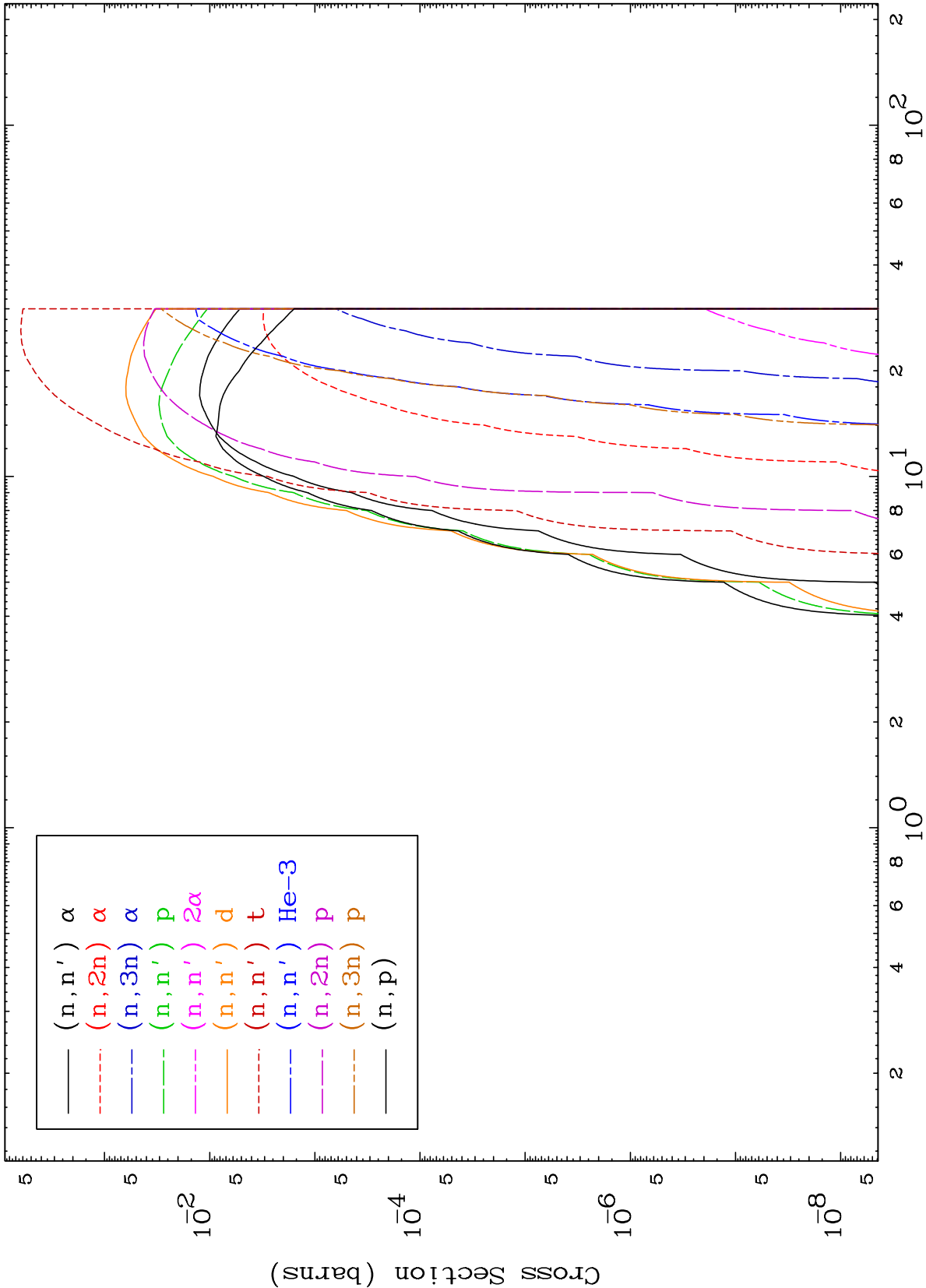
He-3 Neutron Absorption
0 Kelvin Cross Sections

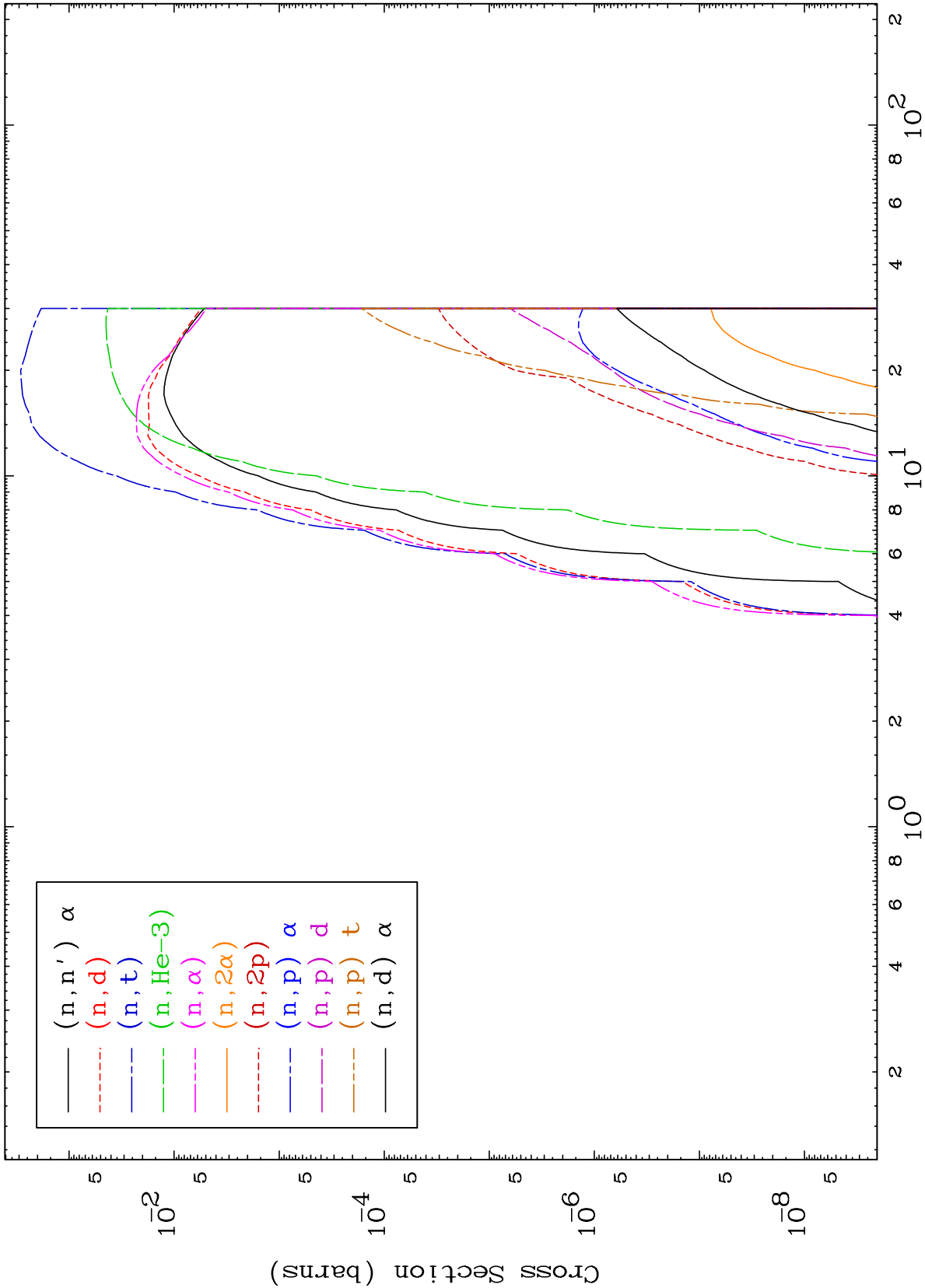
33-As-81







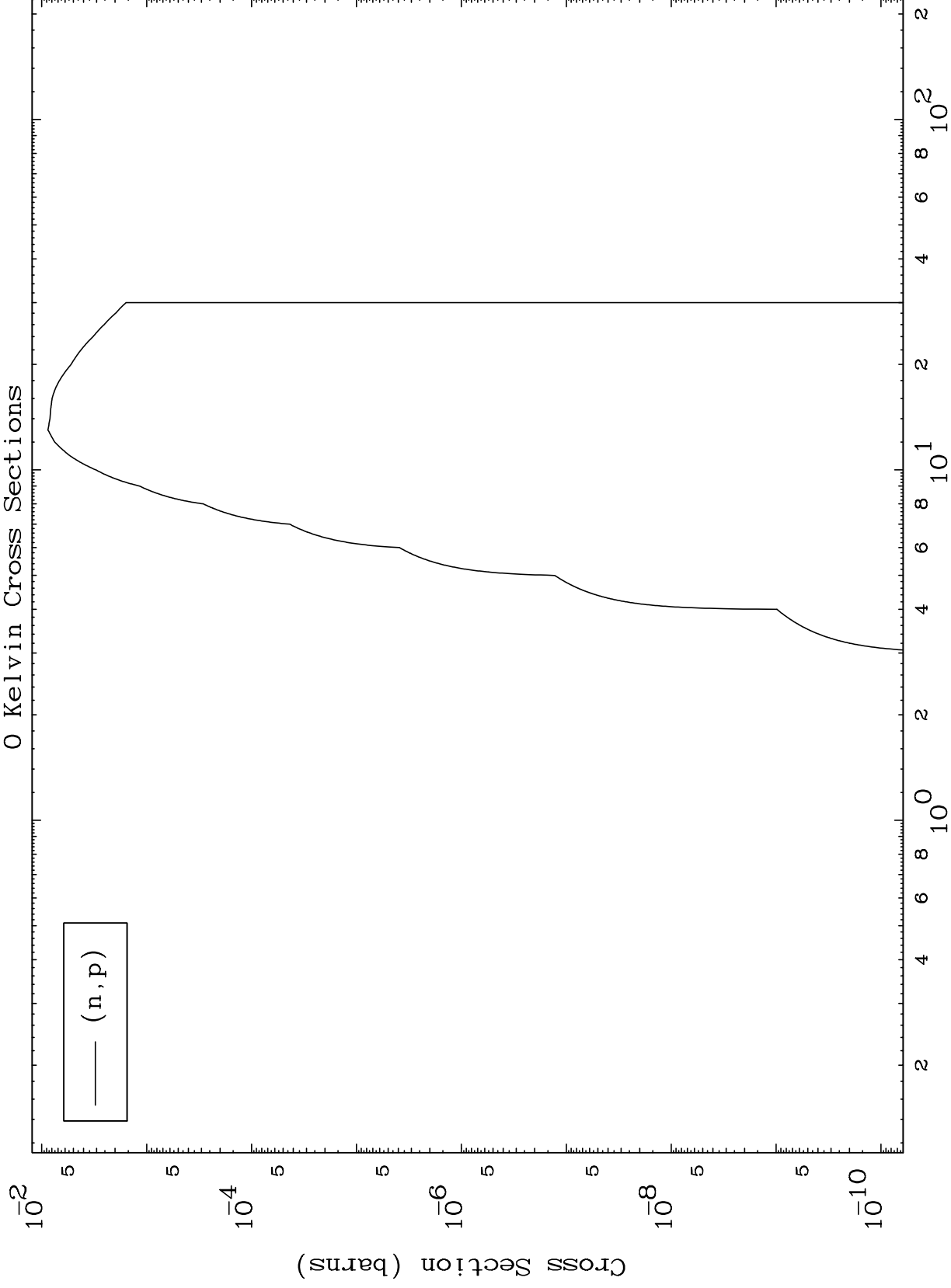




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33-As-81

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



— (n,p)

33-As-81

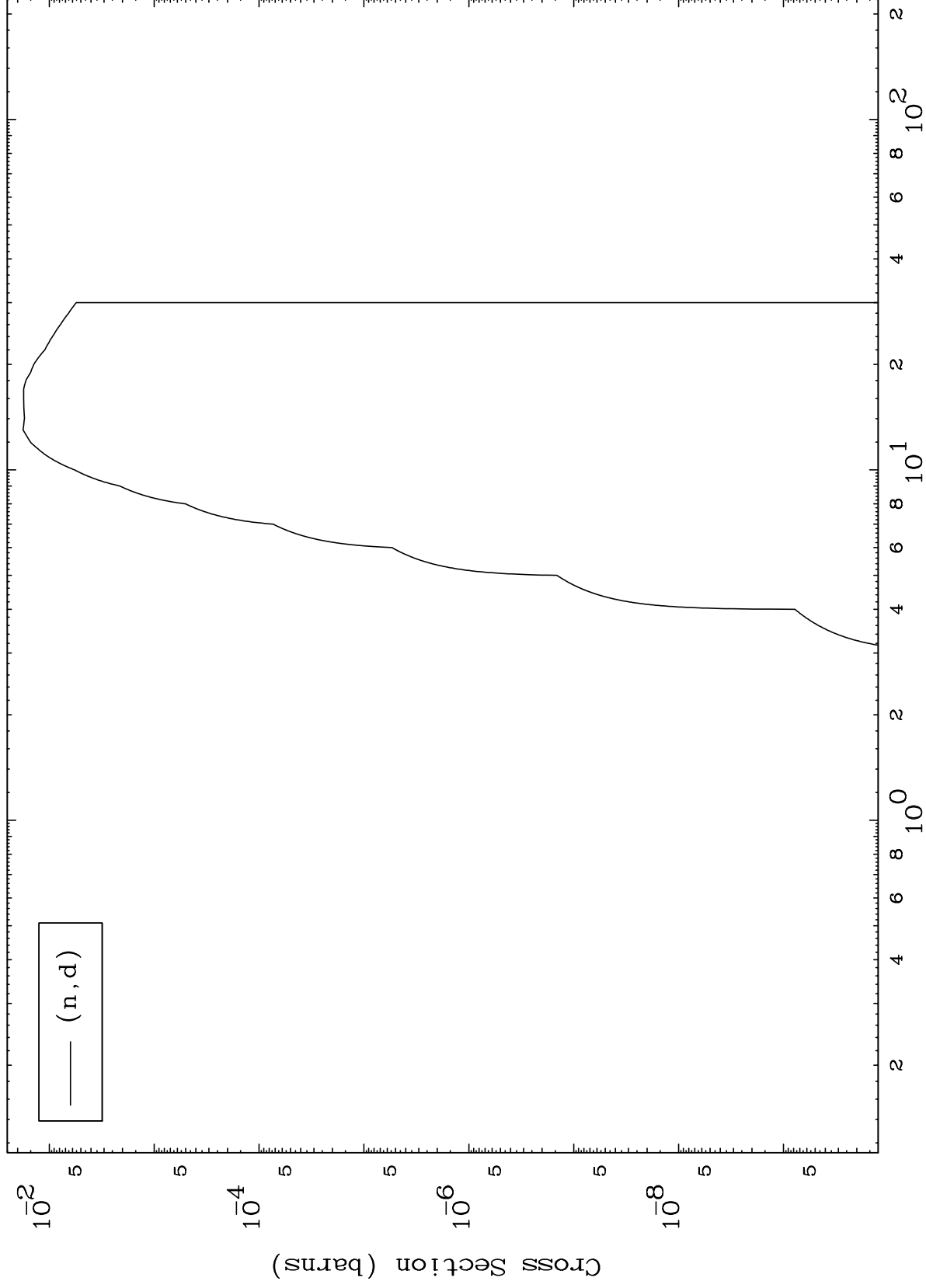
Incident Energy (MeV)

7

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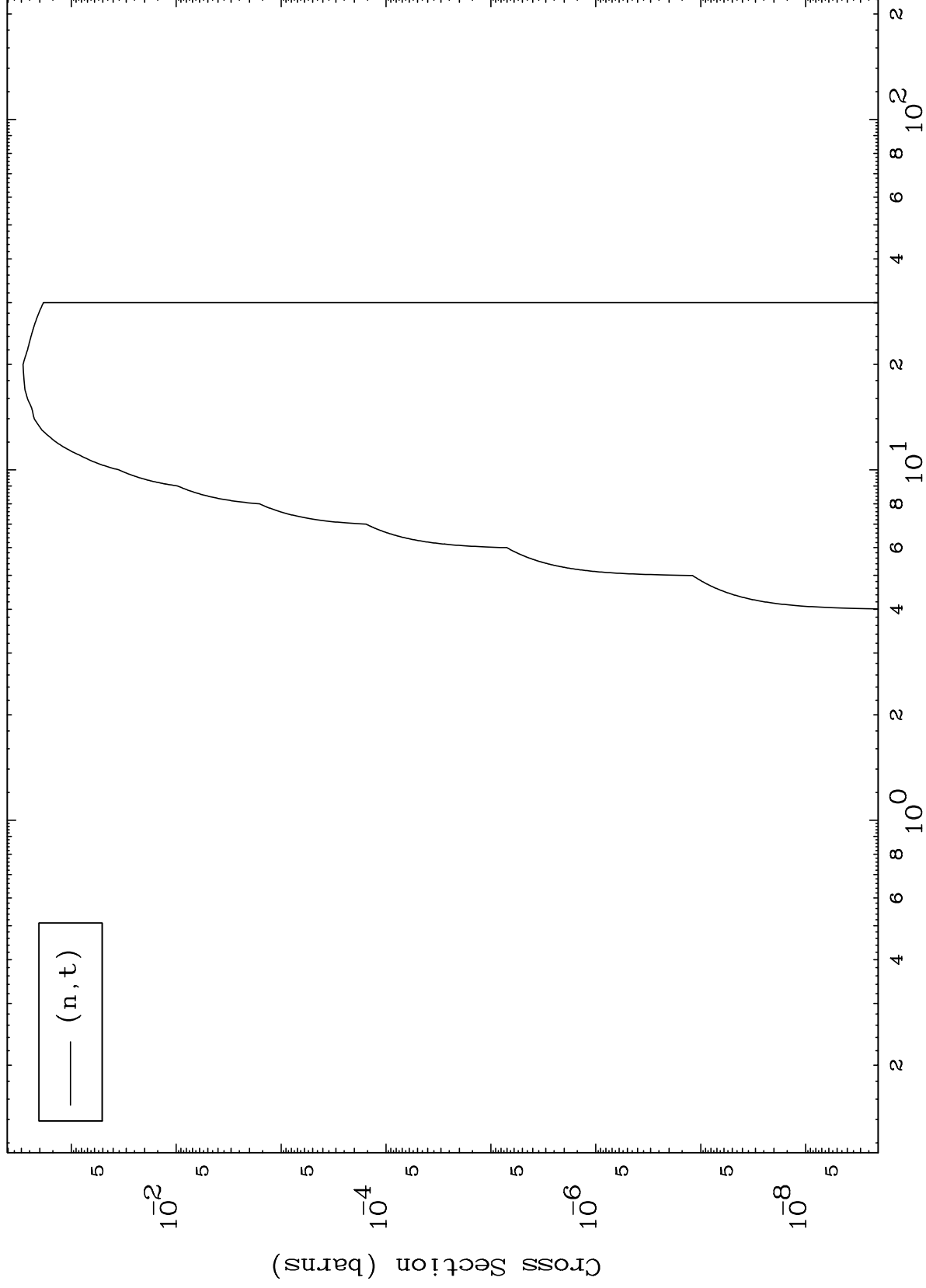
33-As-81

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



— (n,d)

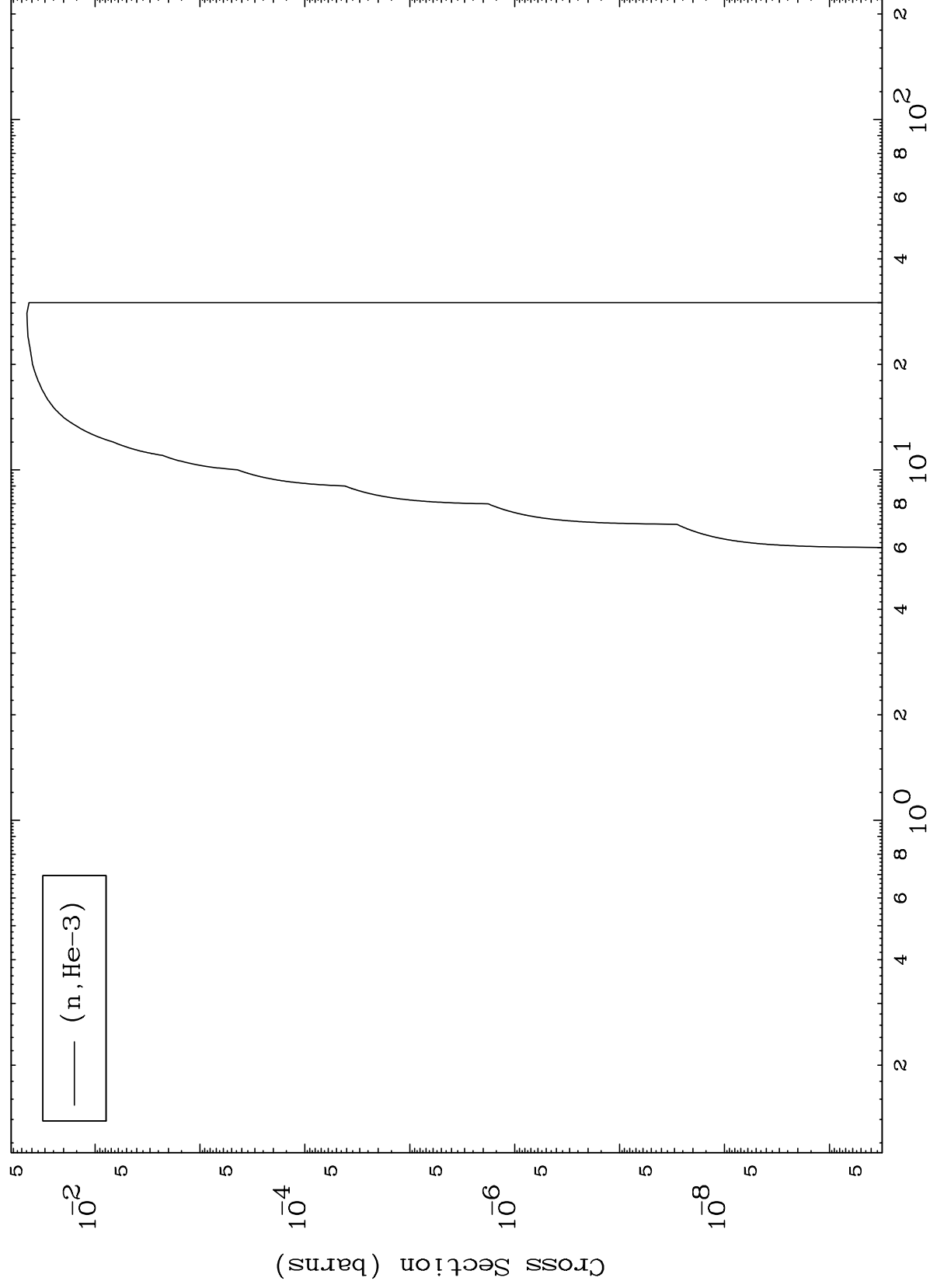
(He-3,t) Levels
0 Kelvin Cross Sections



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33-As-81

(He-3,He3) Levels
0 Kelvin Cross Sections



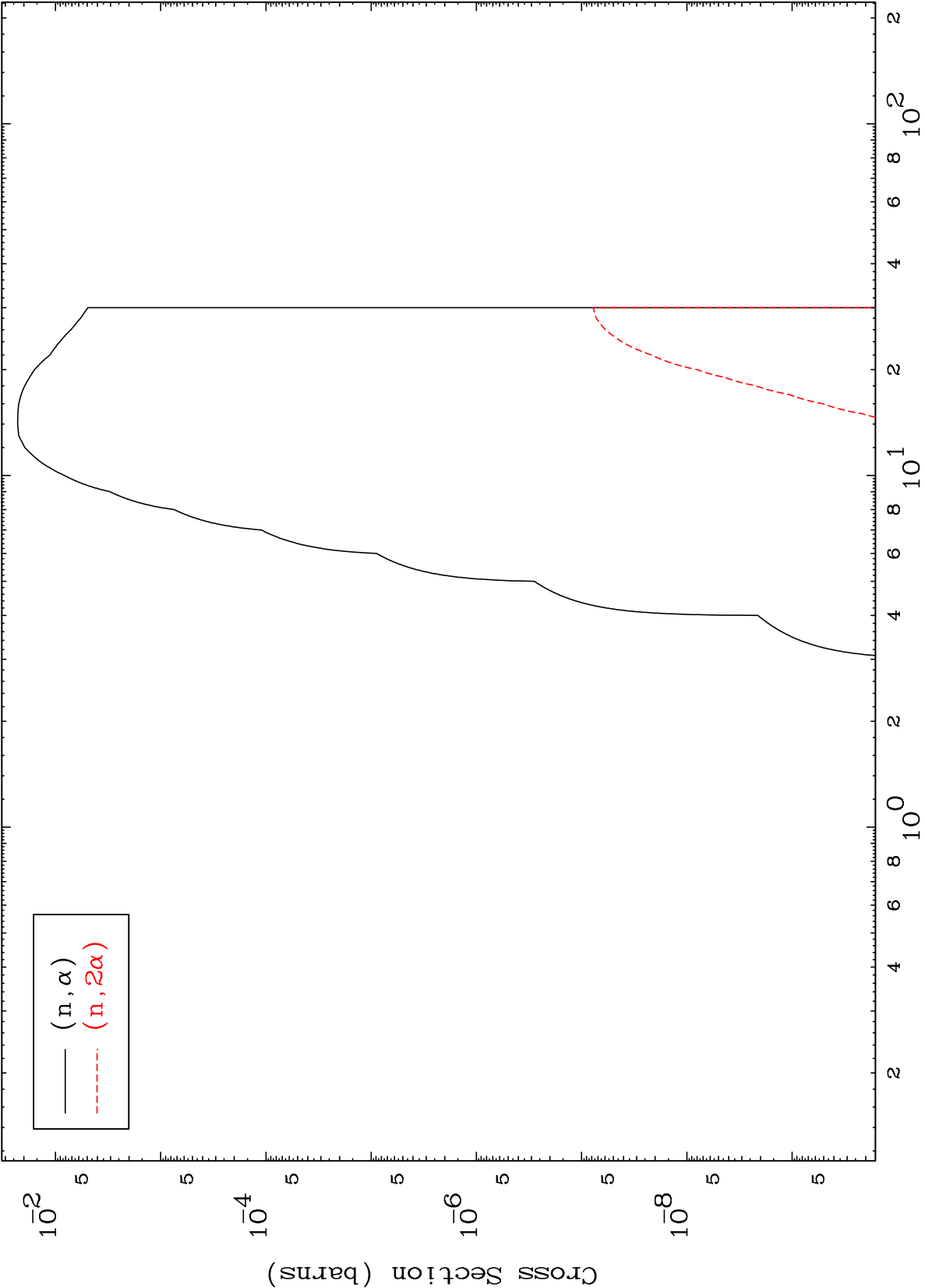
— (n, He-3)

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Incident Energy (MeV)

10

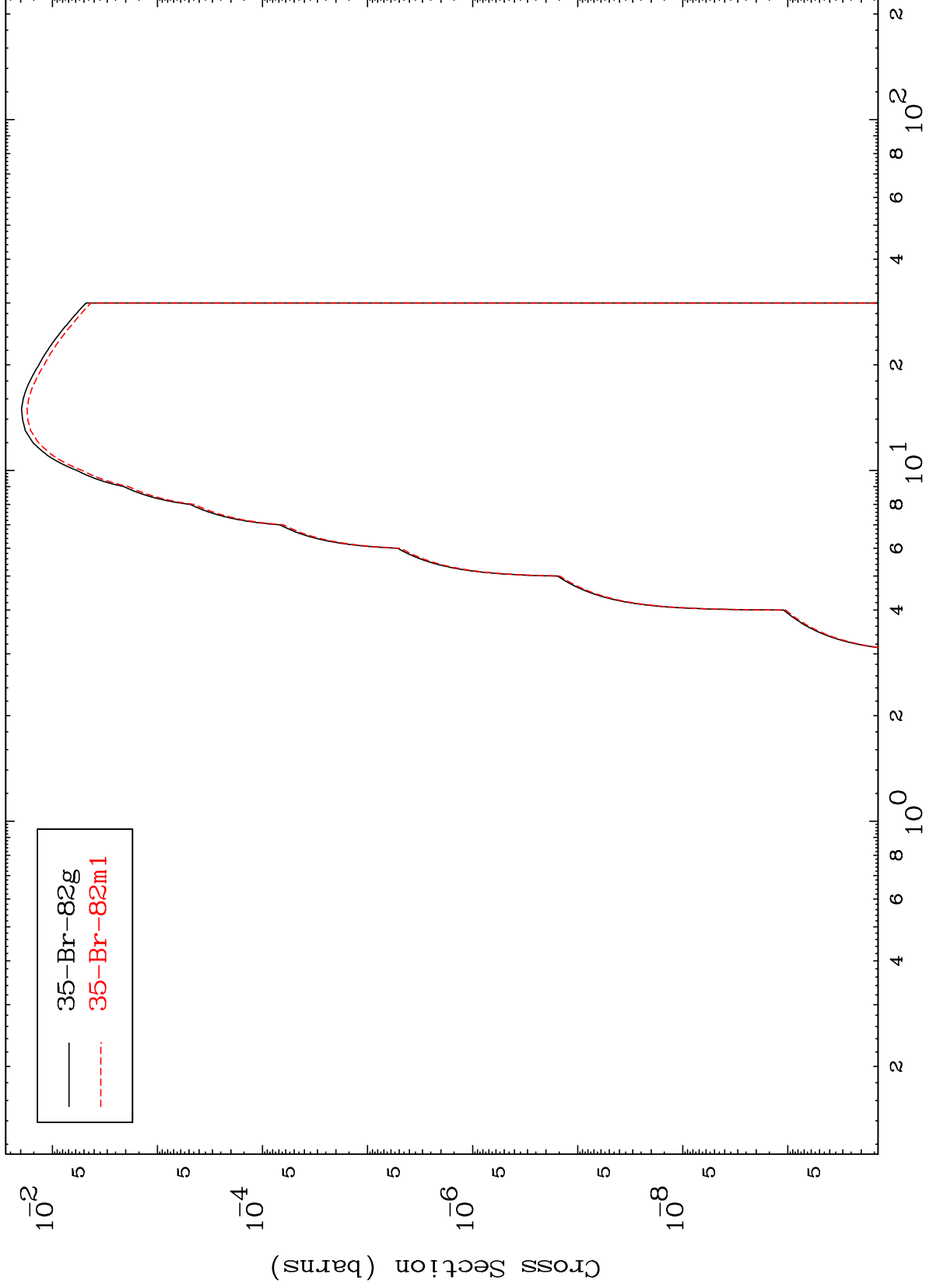
0 Kelvin Cross Sections



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(n,2n)
Radionuclide Production Cross Section



12

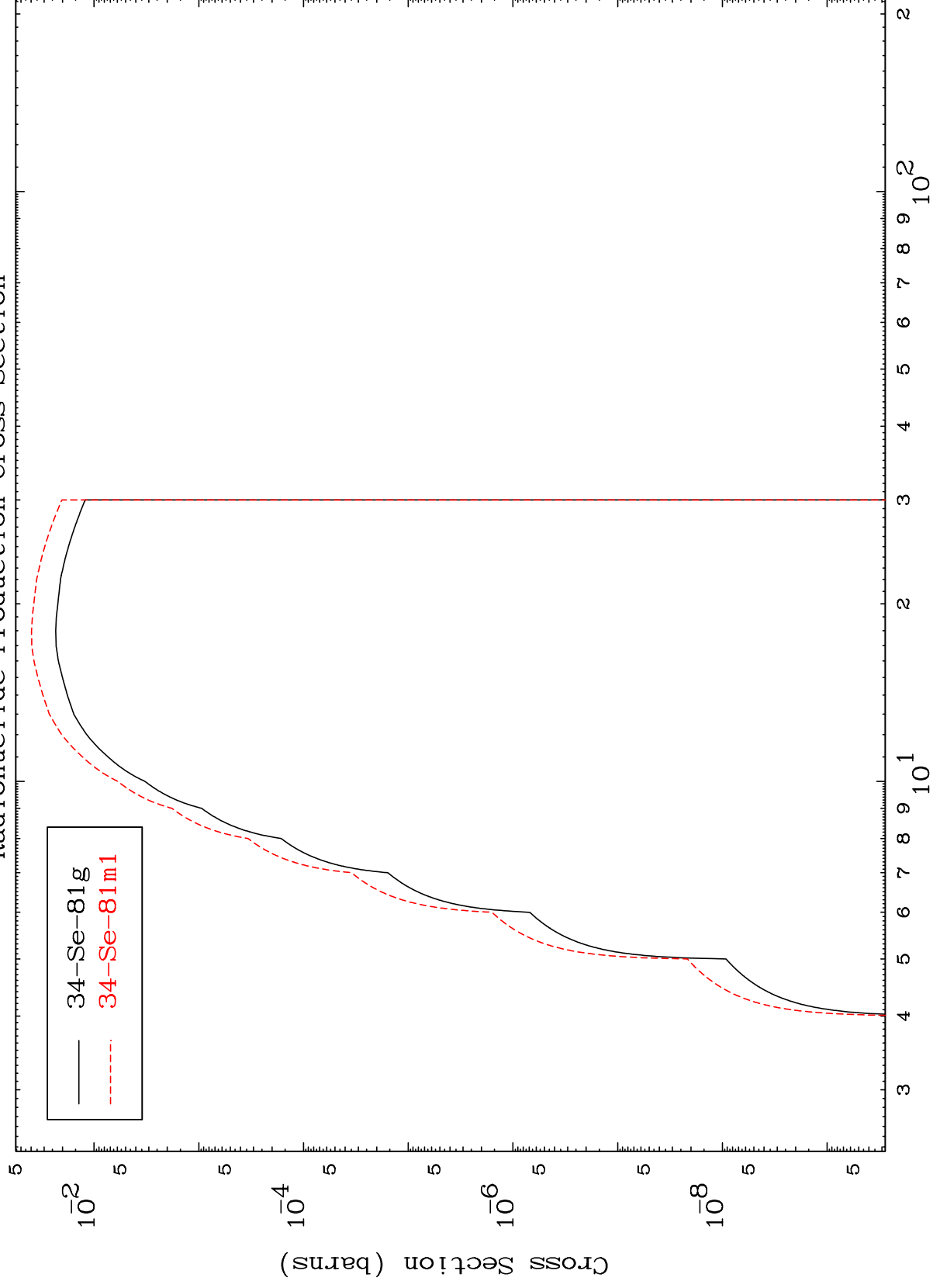
Incident Energy (MeV)

33-As-81

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33-As-81

Radionuclide Production Cross Section
(n,n') d



13

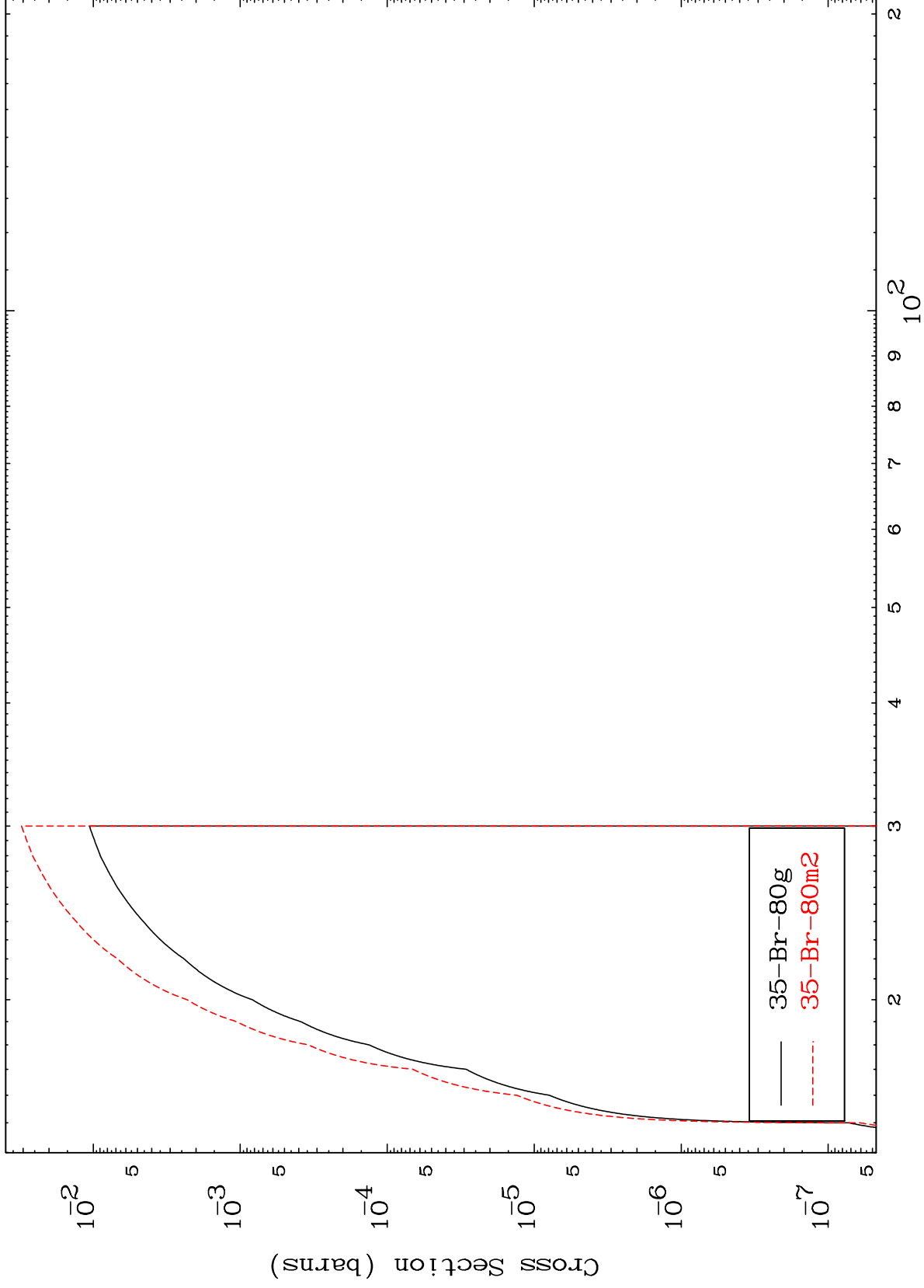
33-As-81

Incident Energy (MeV)

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(n,4n)
Radionuclide Production Cross Section



33-As-81

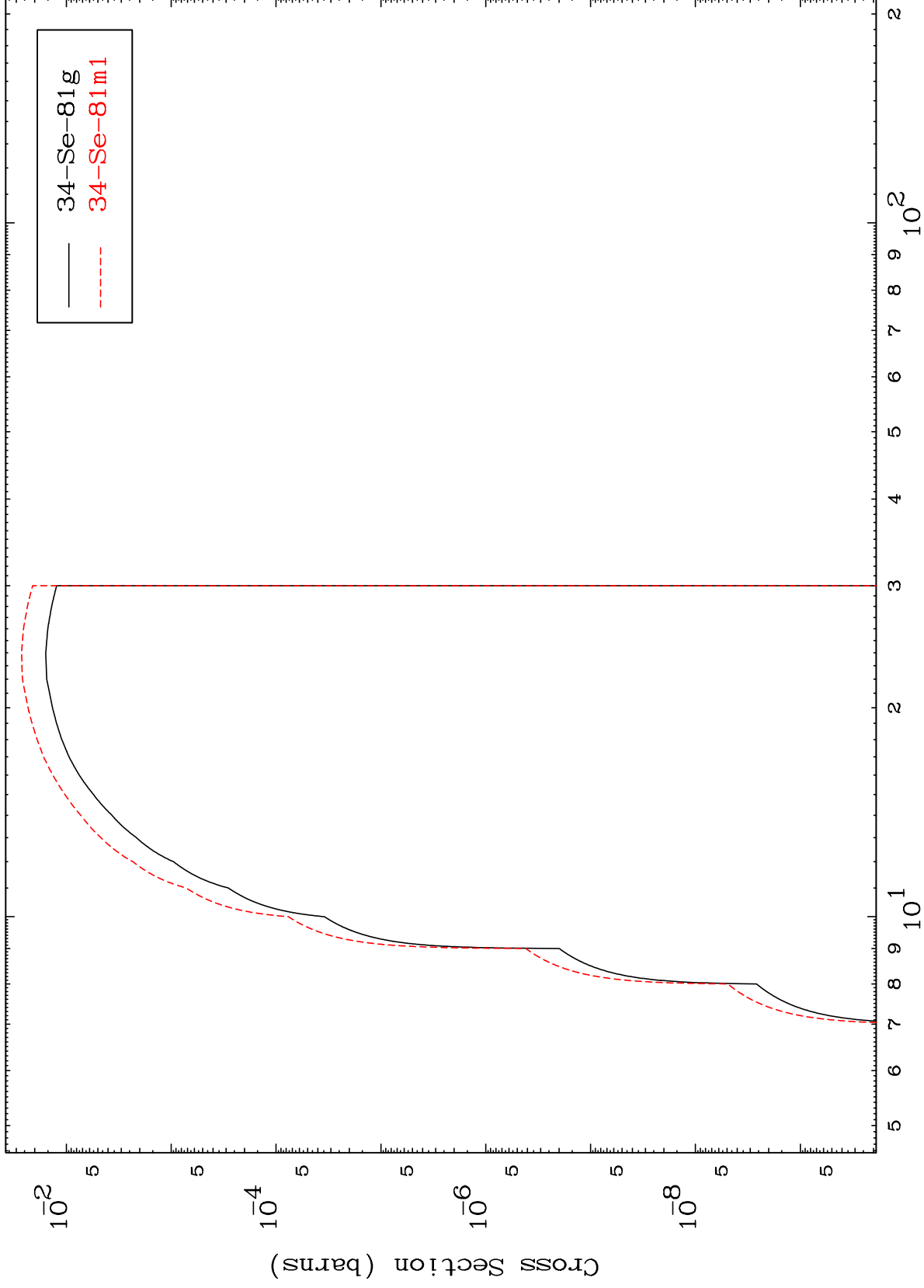
Incident Energy (MeV)

14

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33-As-81

(n,2n) p
Radionuclide Production Cross Section



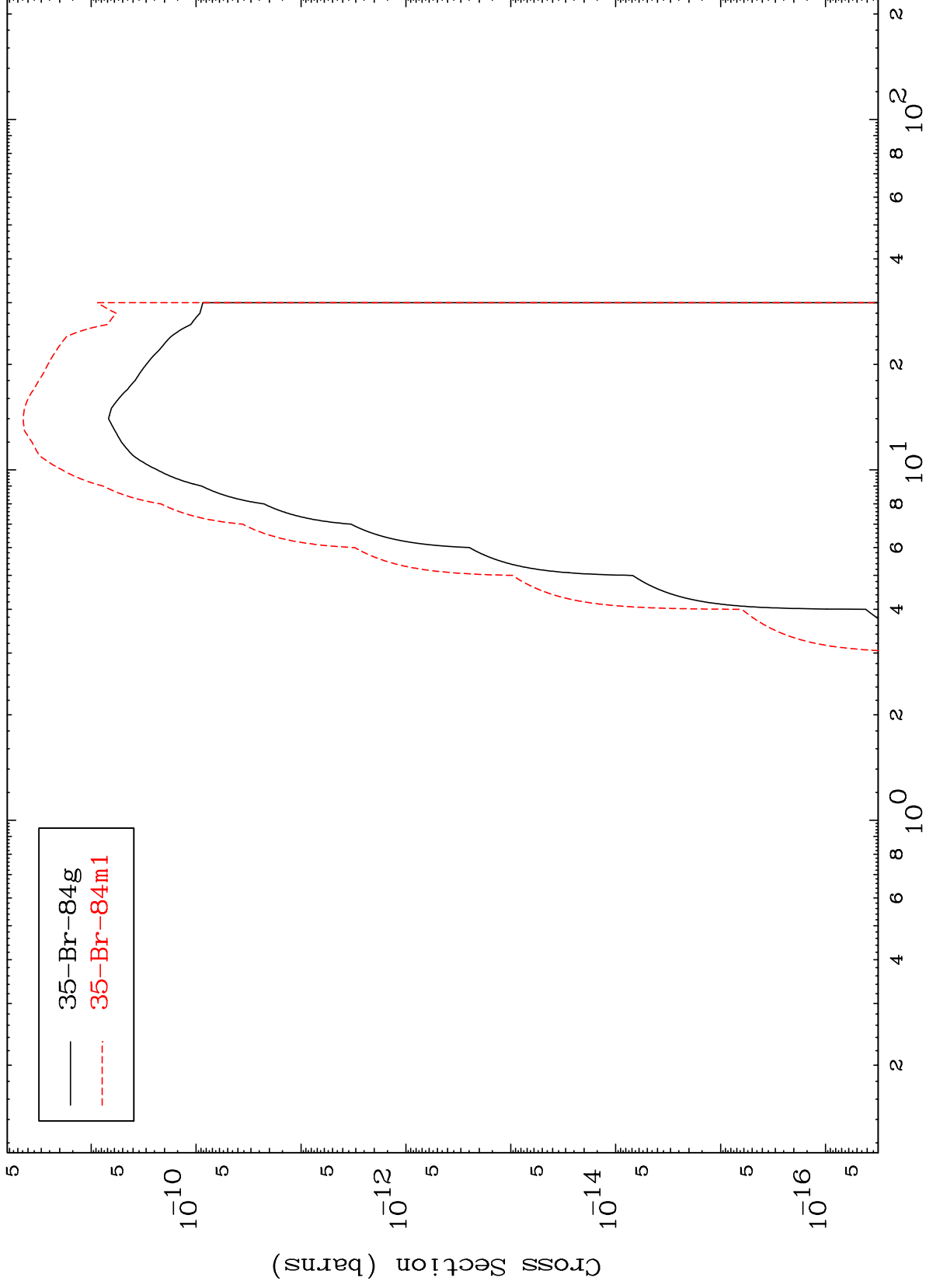
Incident Energy (MeV)

33-As-81

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(n, γ)
Radionuclide Production Cross Section



16

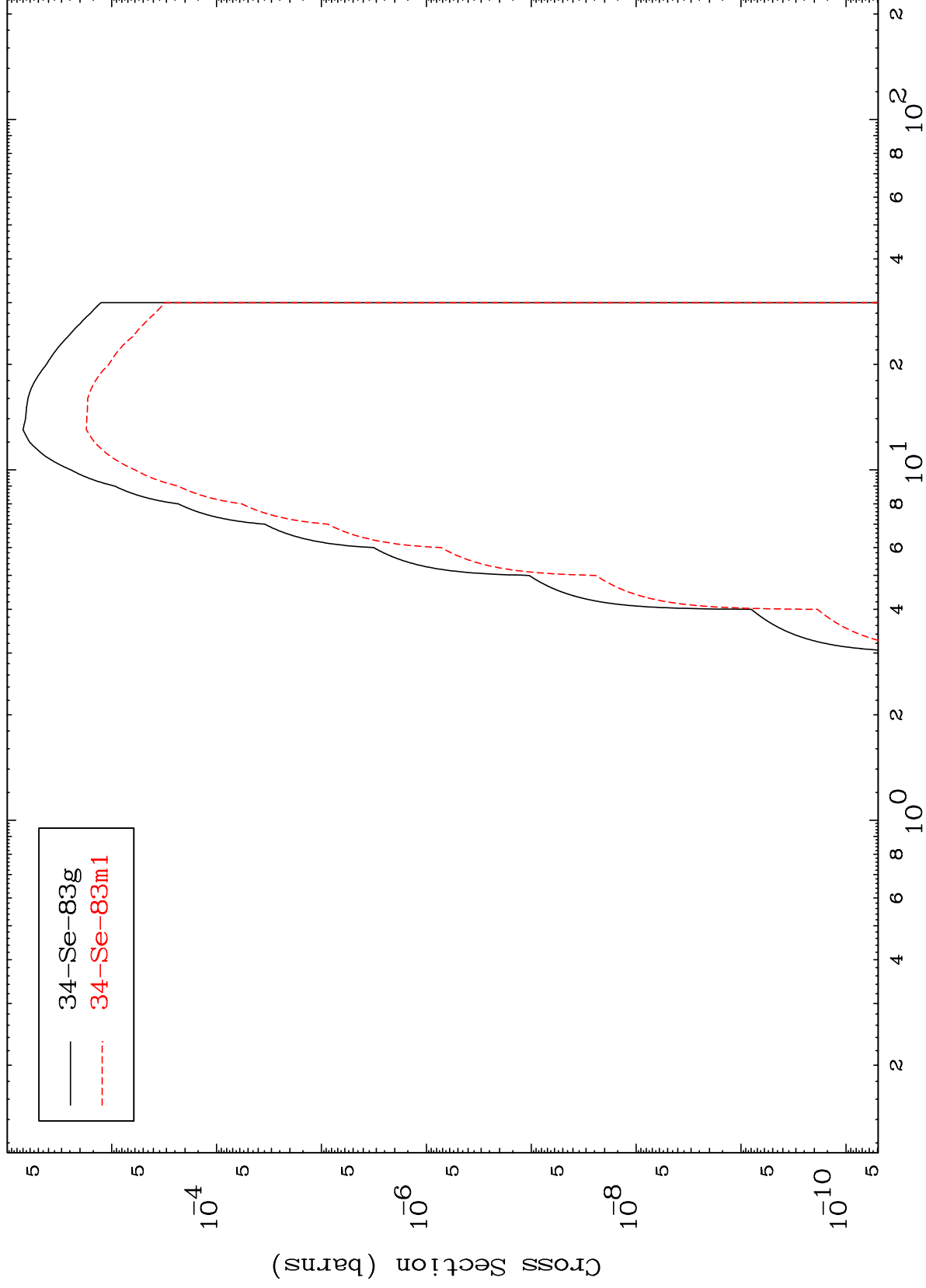
Incident Energy (MeV)

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(n,p)
Radionuclide Production Cross Section



17

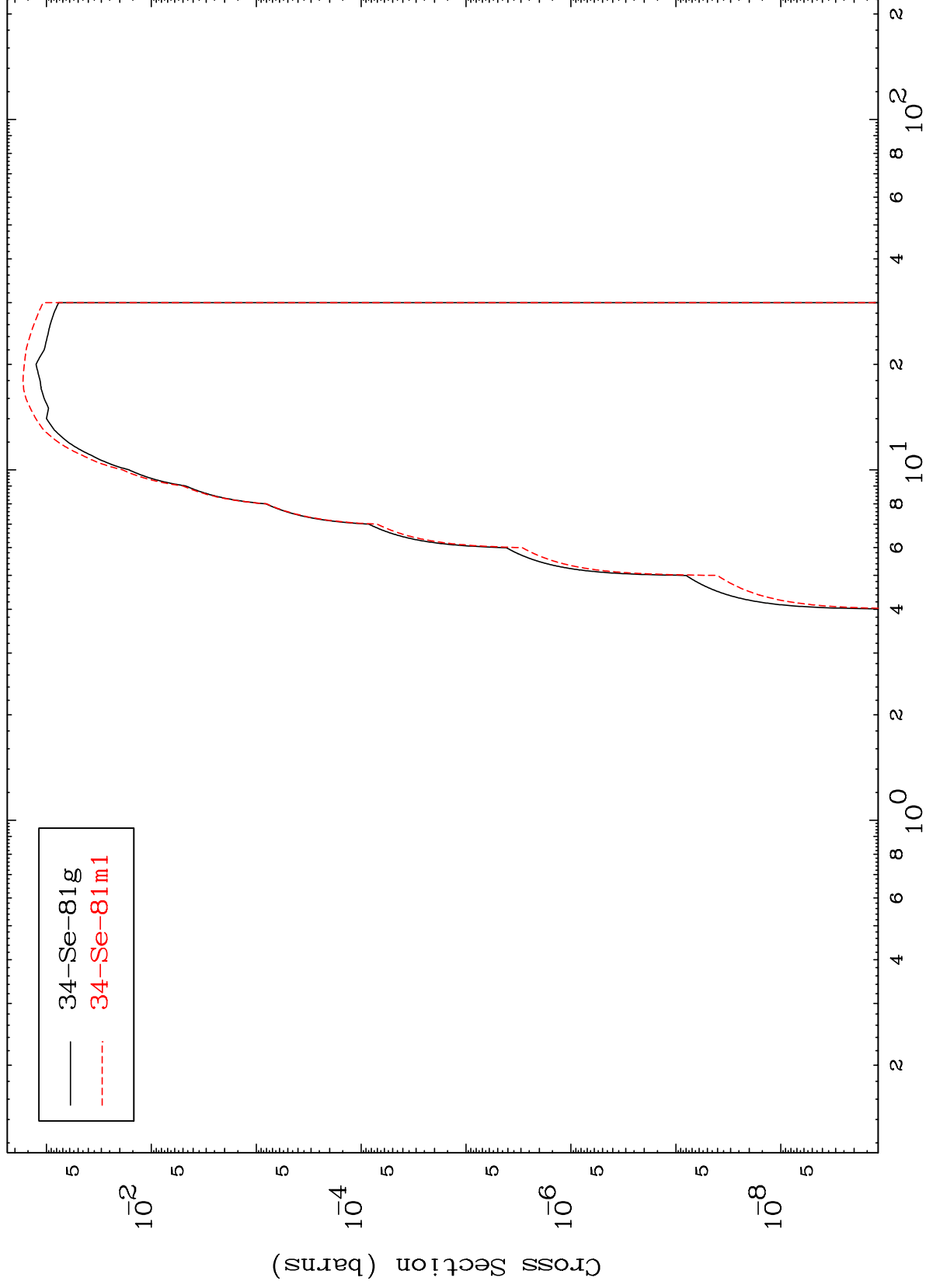
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Incident Energy (MeV)

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Radionuclide Production Cross Section
(n,t)



18

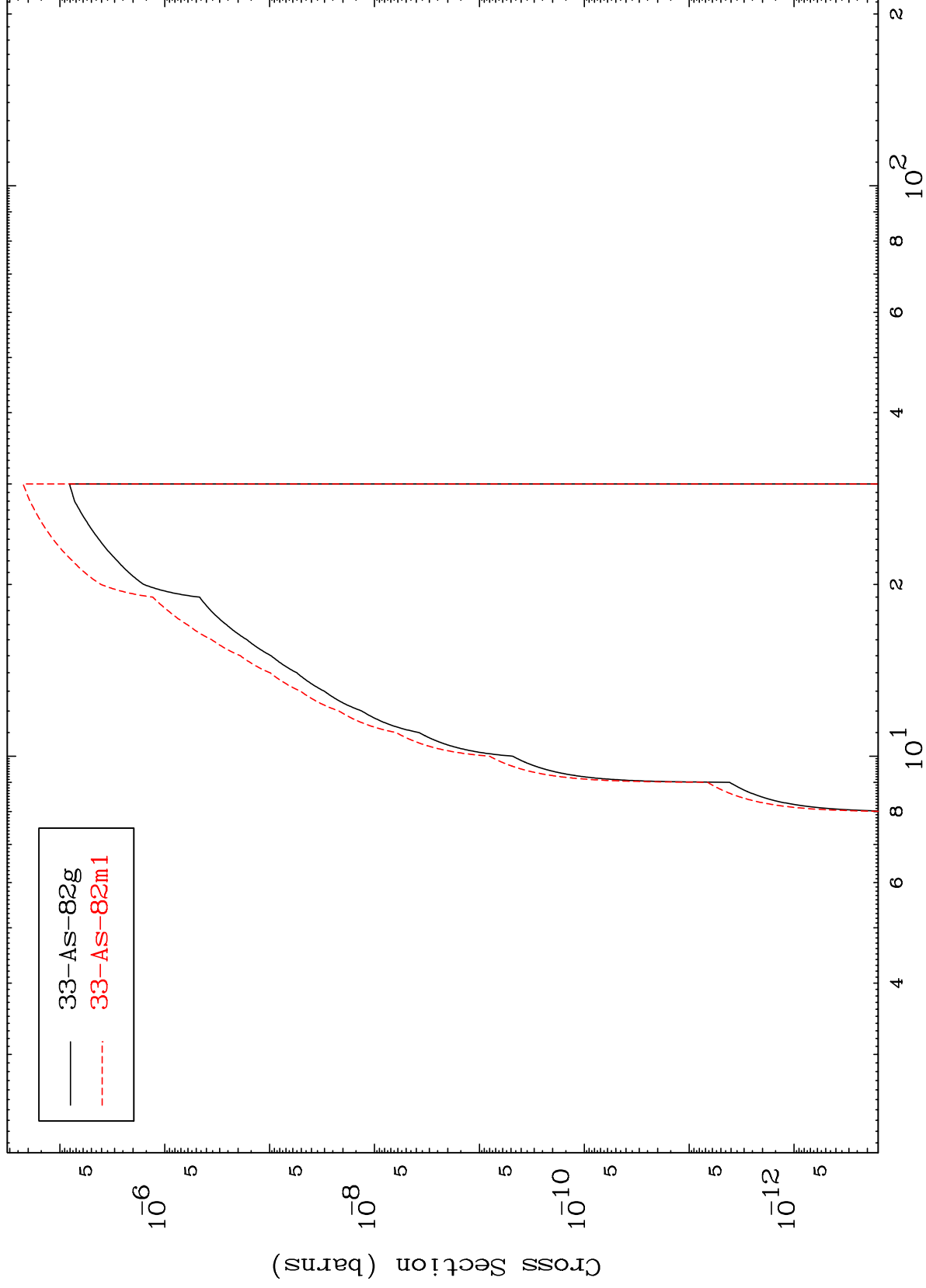
Incident Energy (MeV)

33-As-81

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33-As-81

(n,2p)
Radionuclide Production Cross Section



19

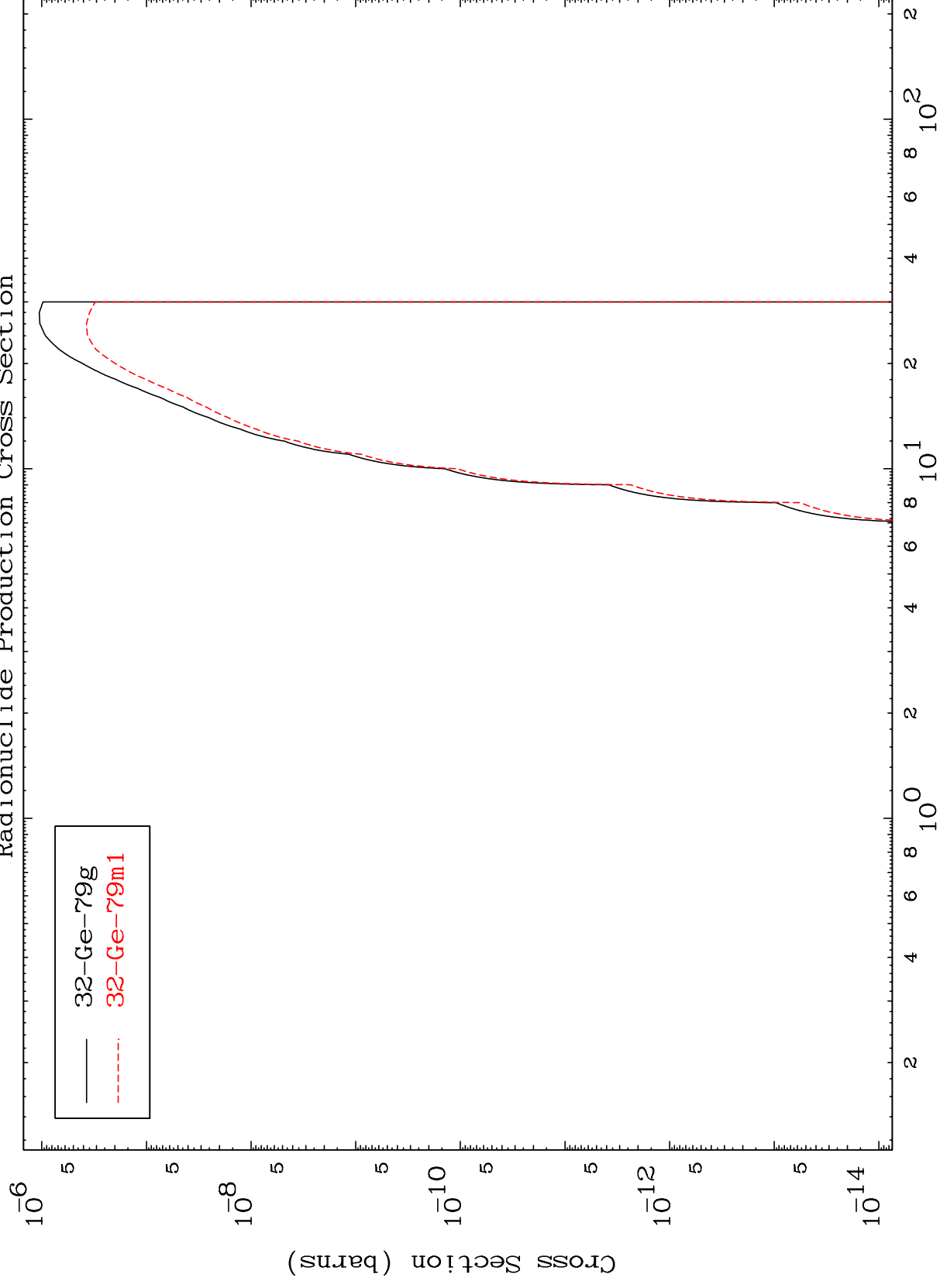
33-As-81

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$$(n, p) \propto$$

33-AS-81

Radionuclide Production Cross Section



20

Incident Energy (MeV)

33-AS-81