

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

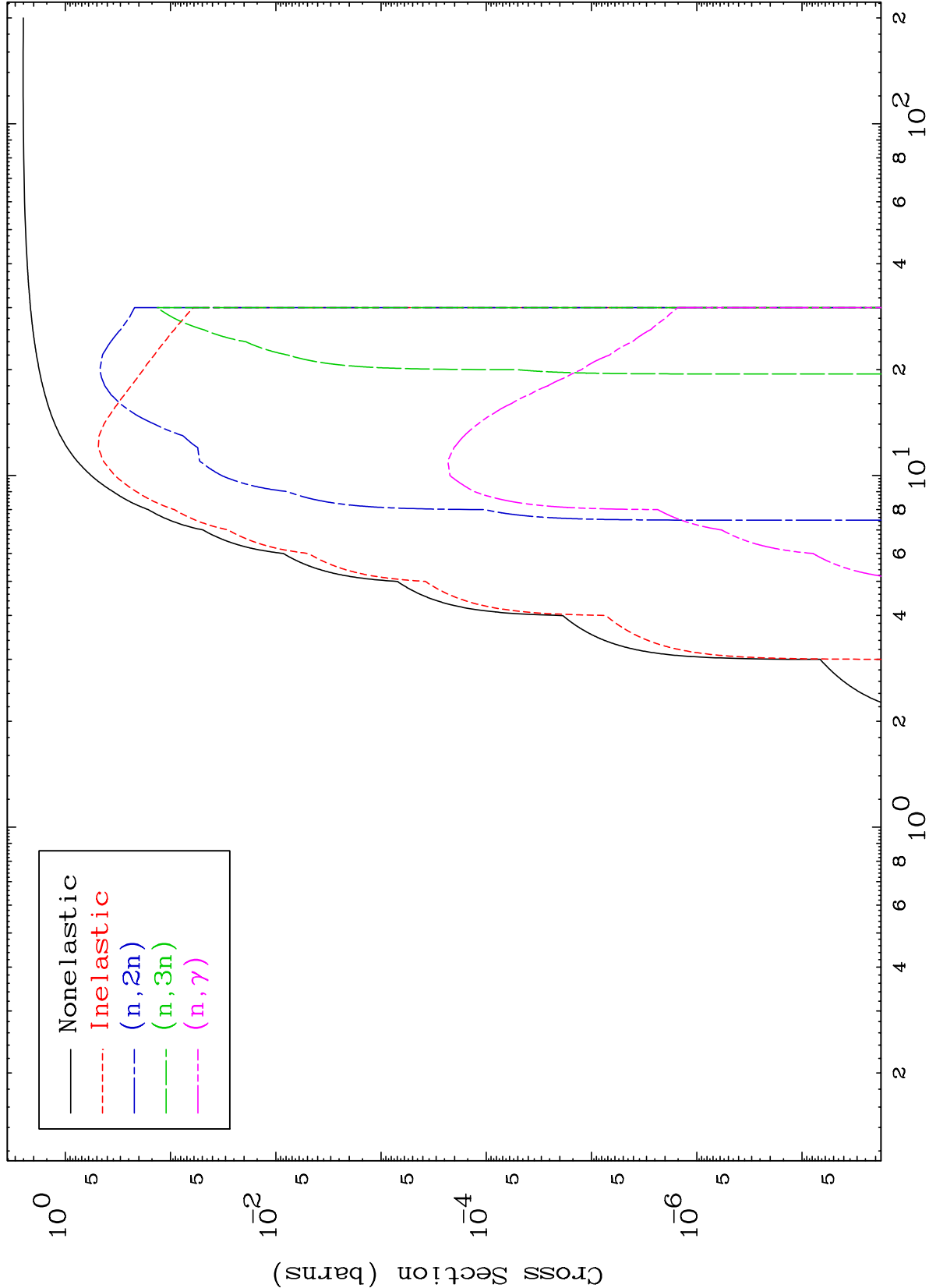
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

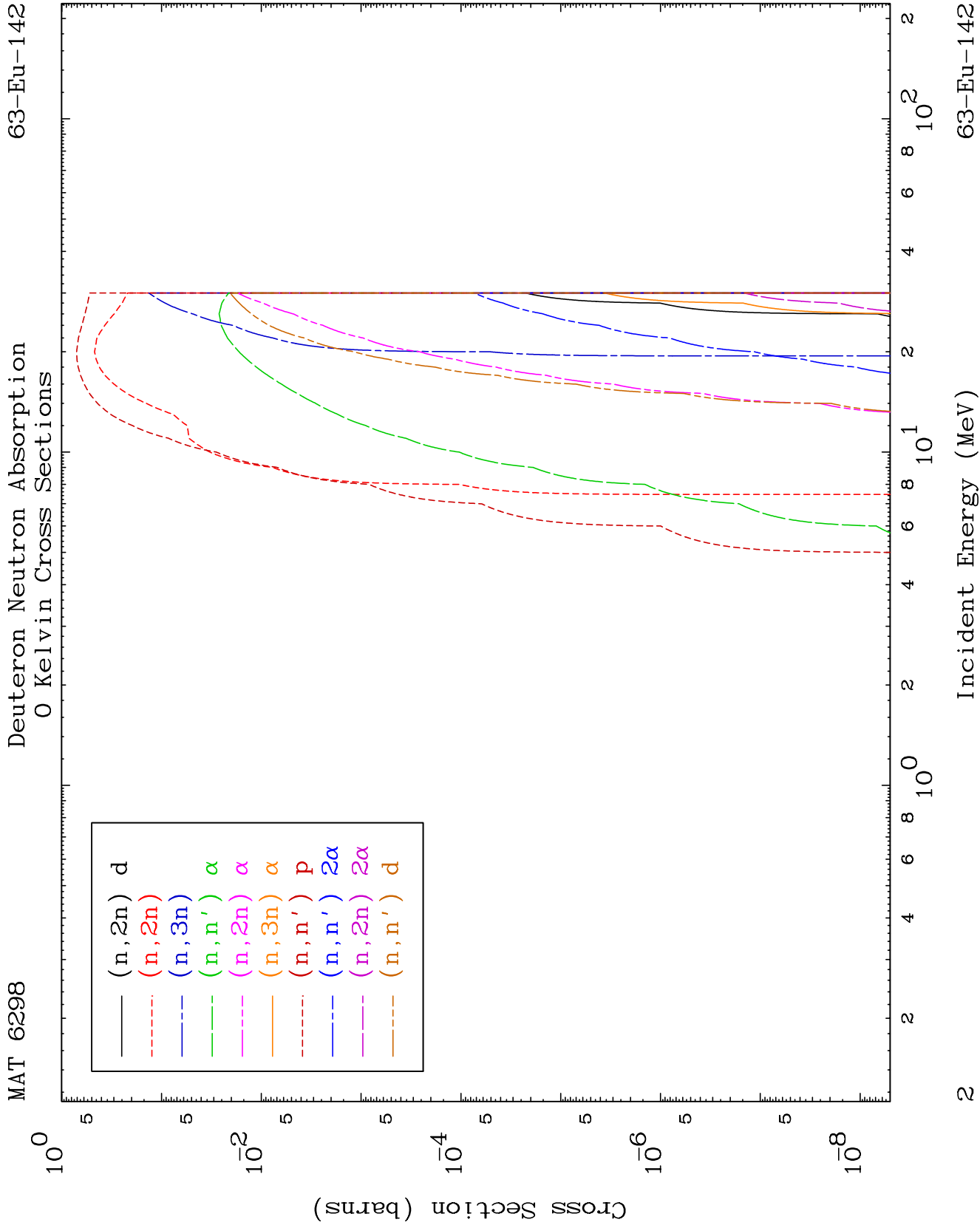
Tele: 925-443-1911

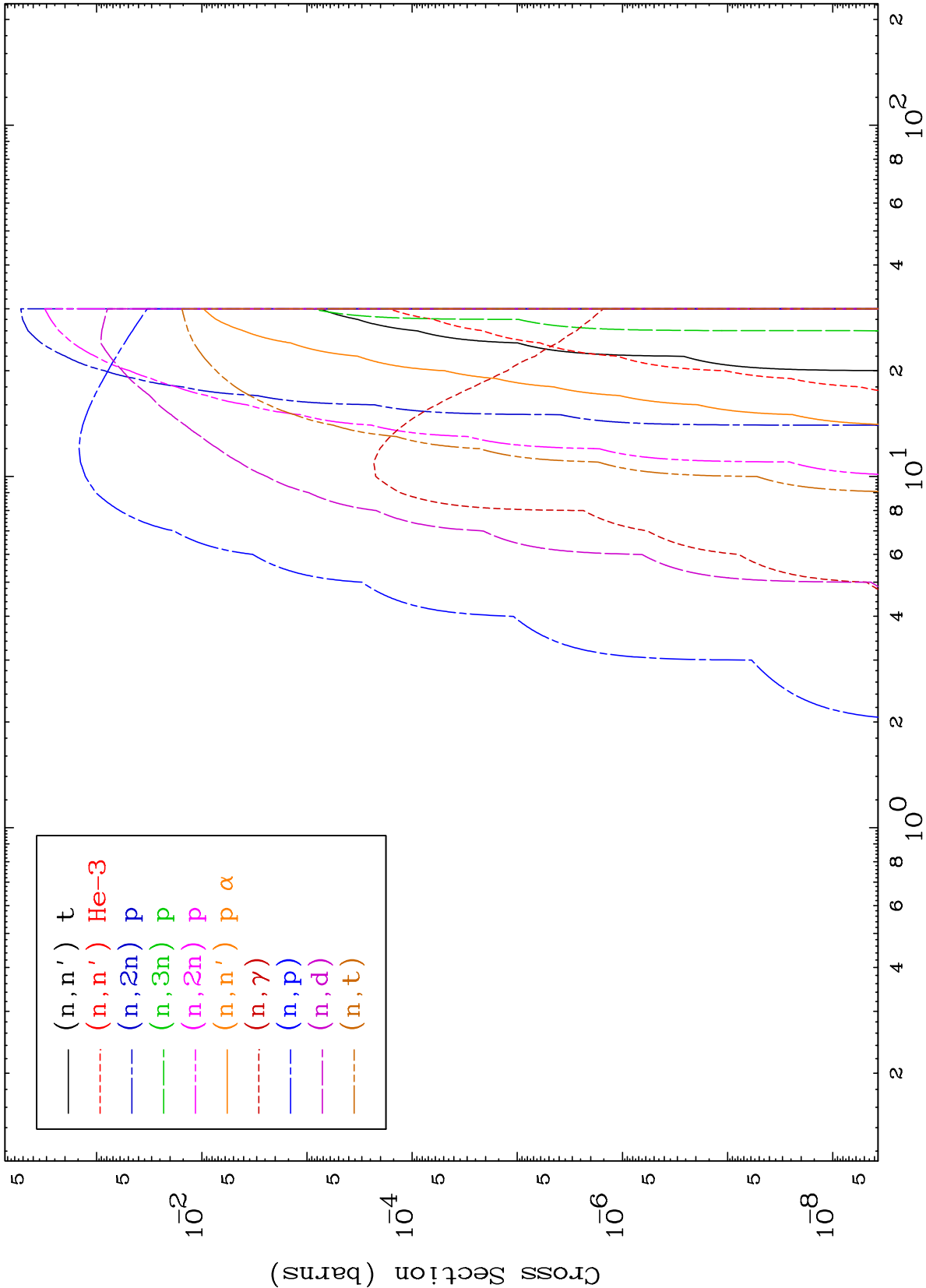
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

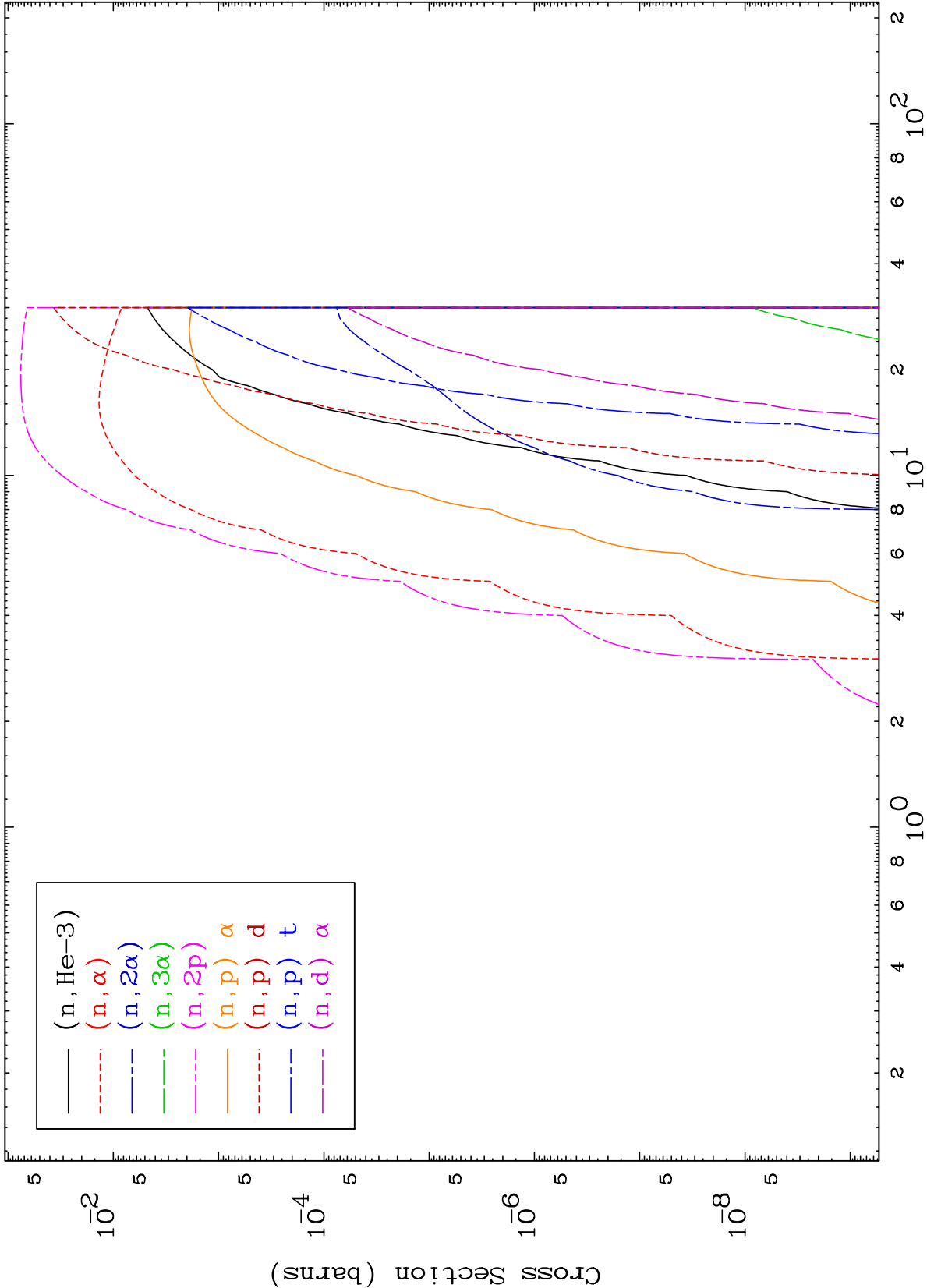
Press Mouse Button to Start

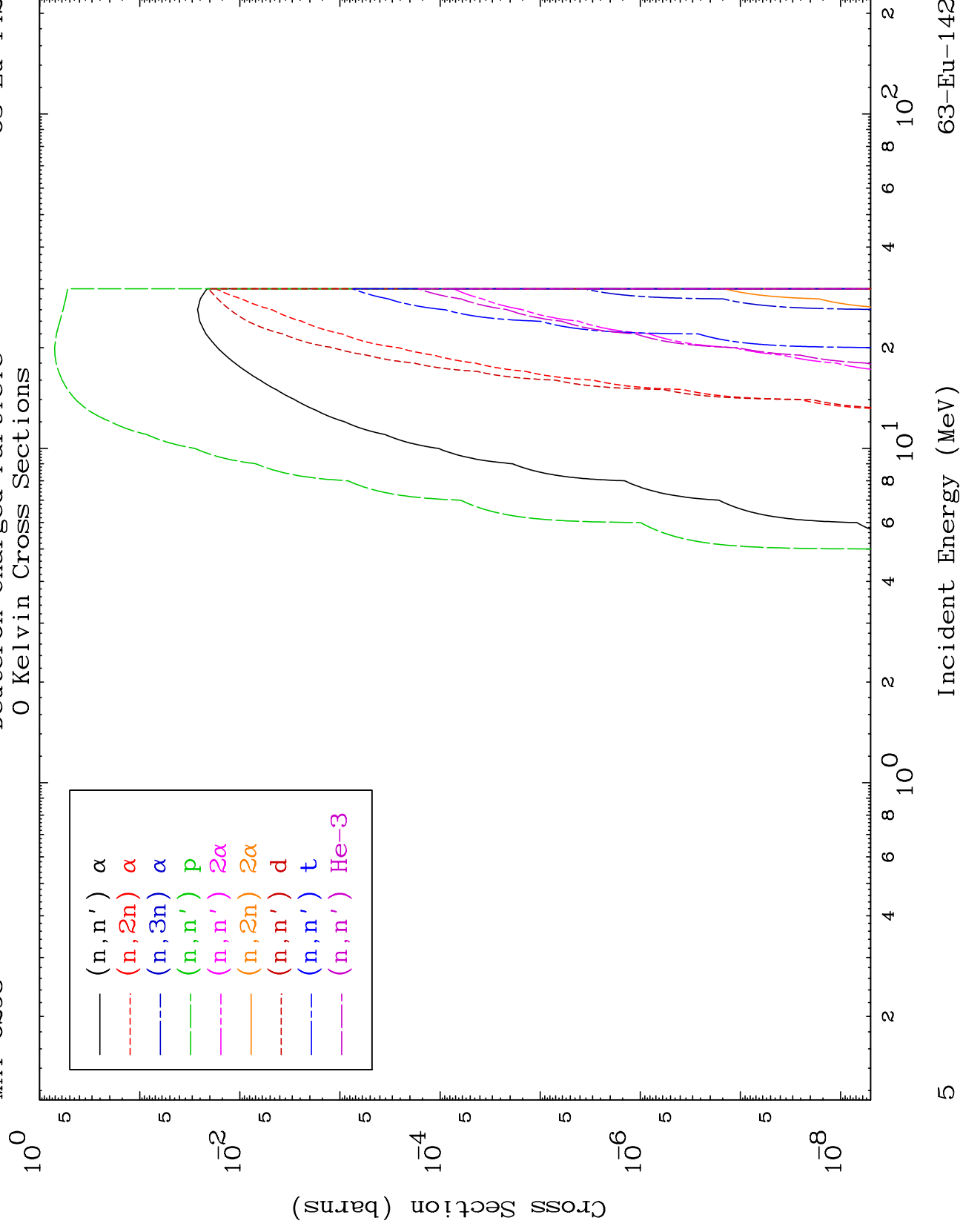
0 Kelvin Cross Sections

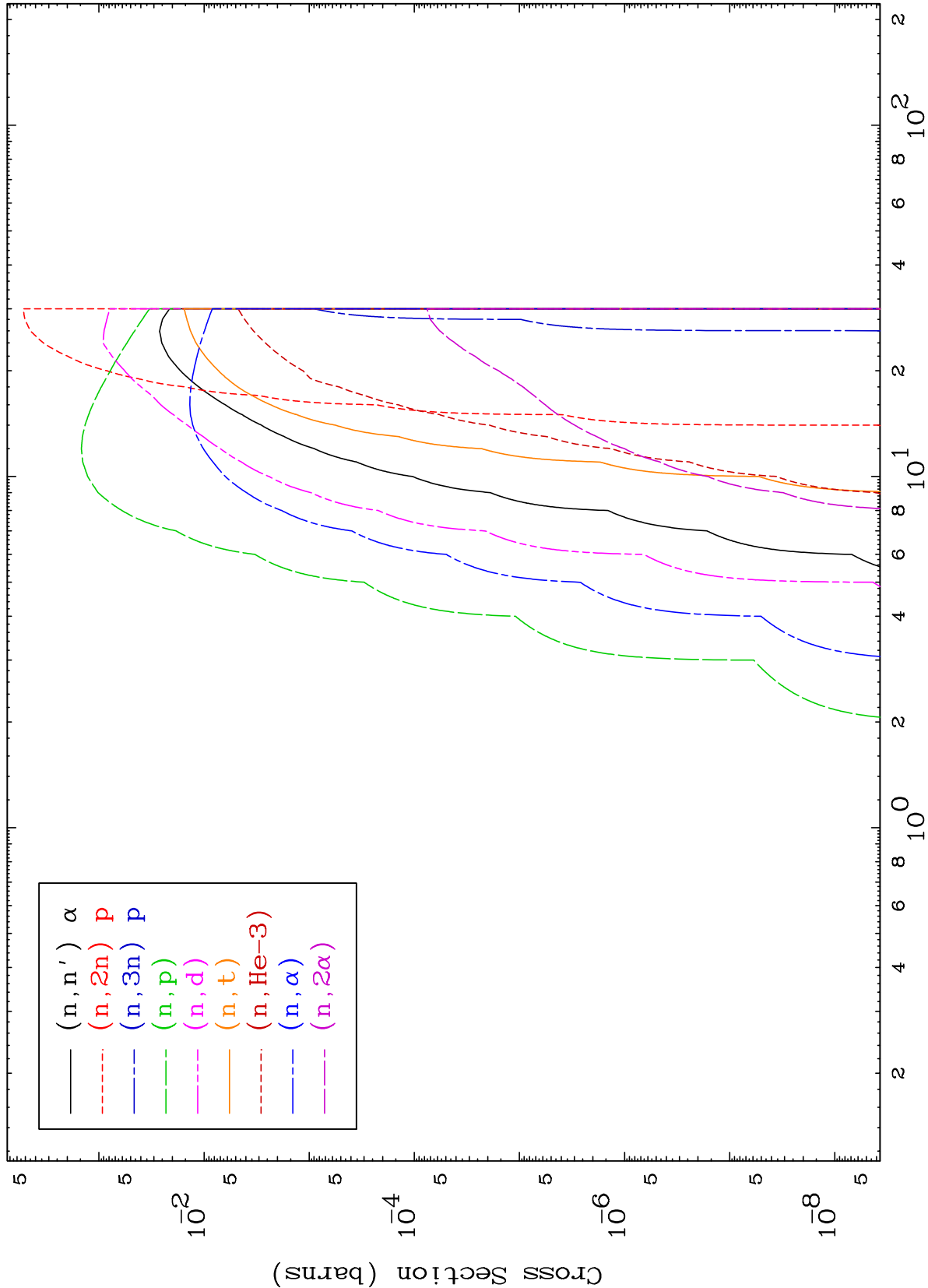


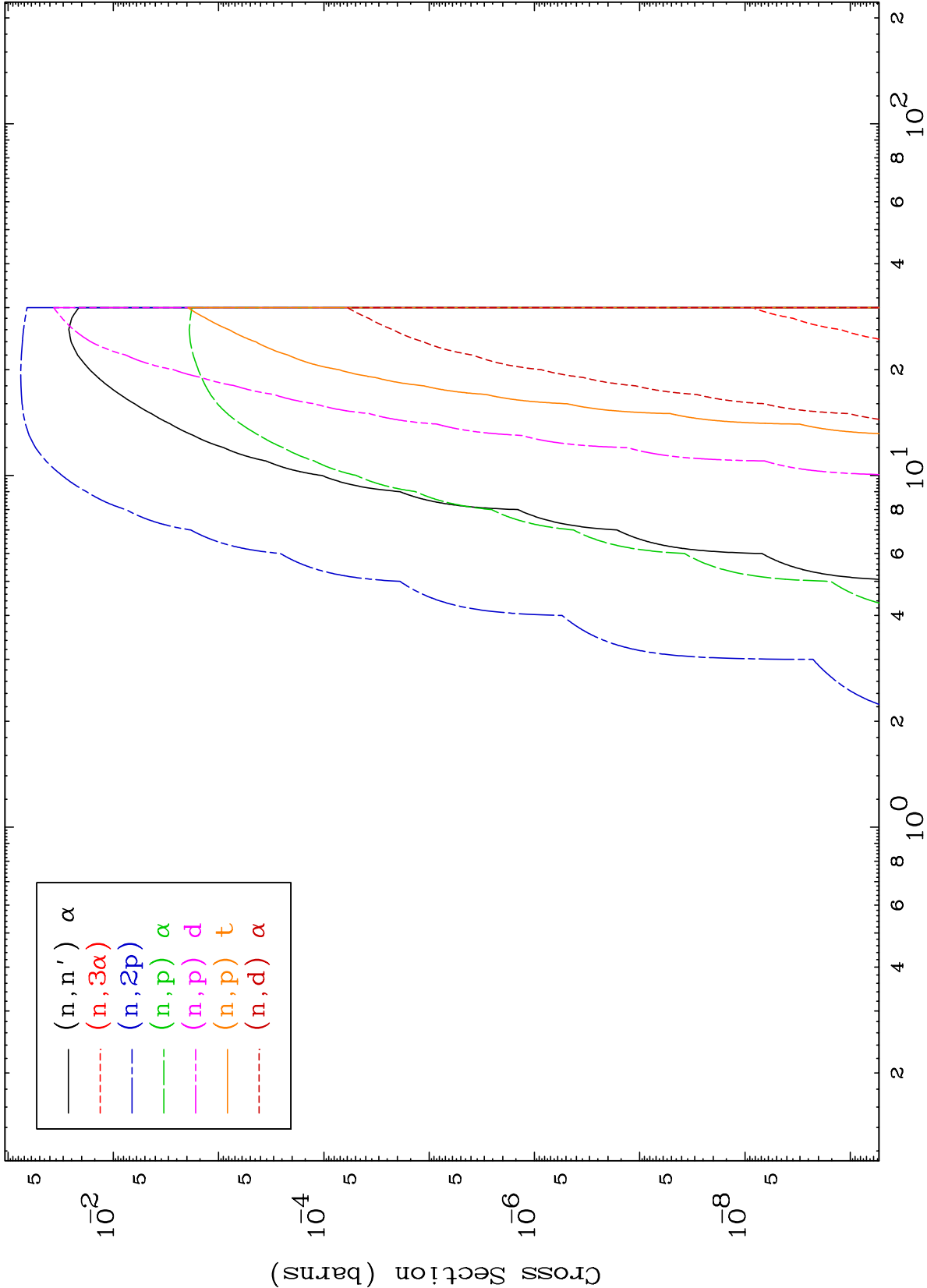








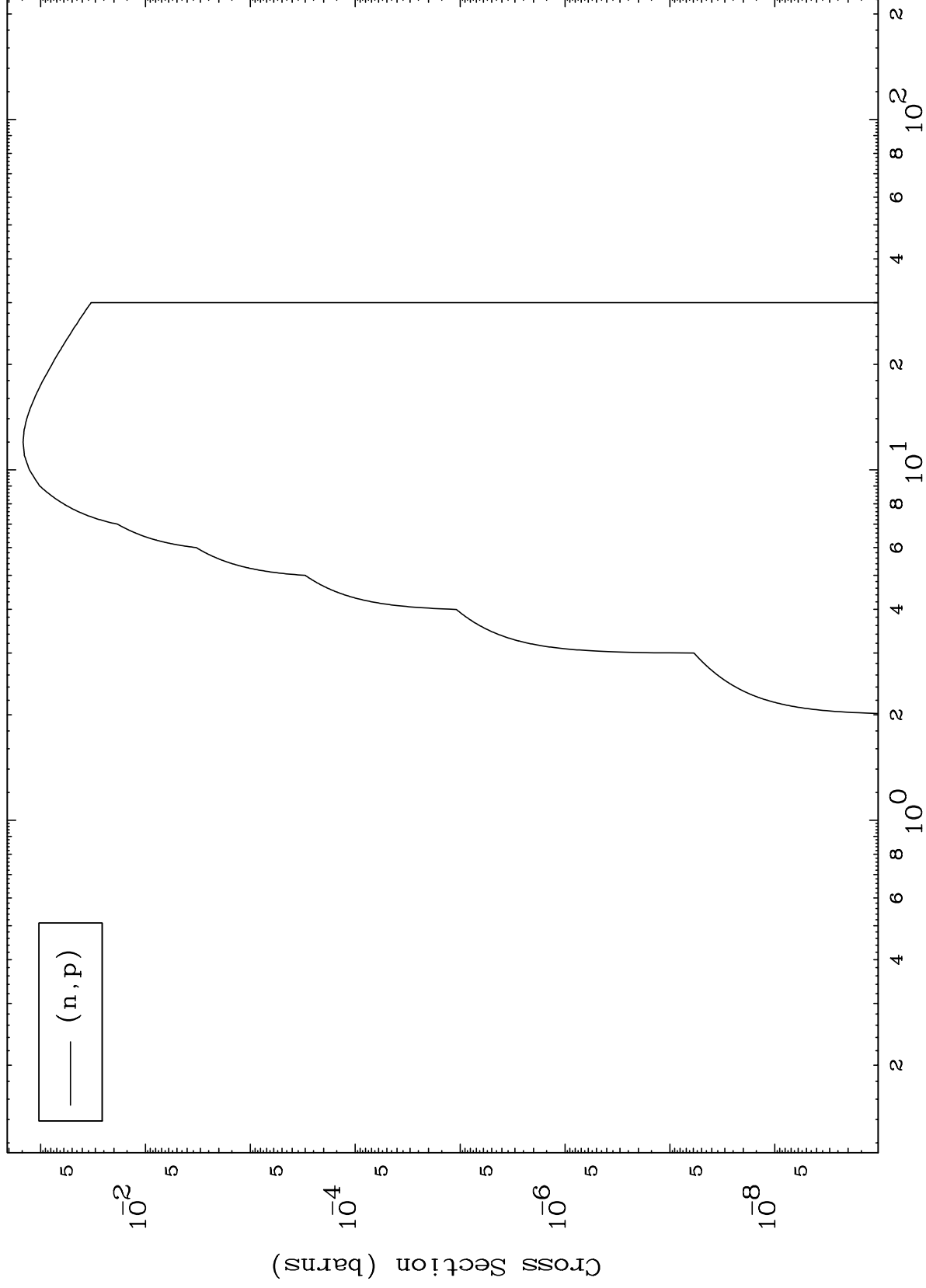




MAT 6298

63-Eu-142

(d,p) Levels
0 Kelvin Cross Sections



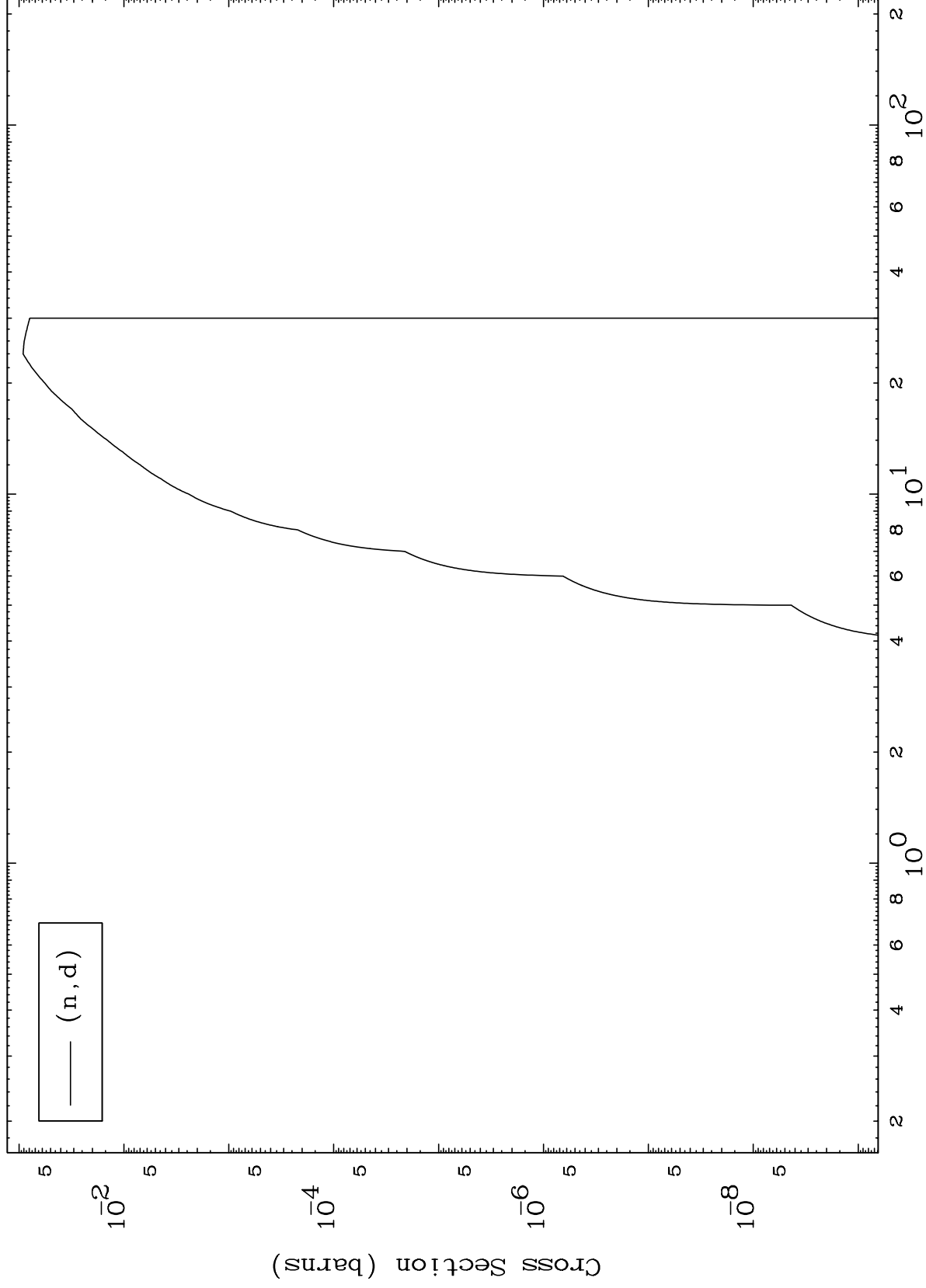
8

63-Eu-142

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63-Eu-142

(d,d) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

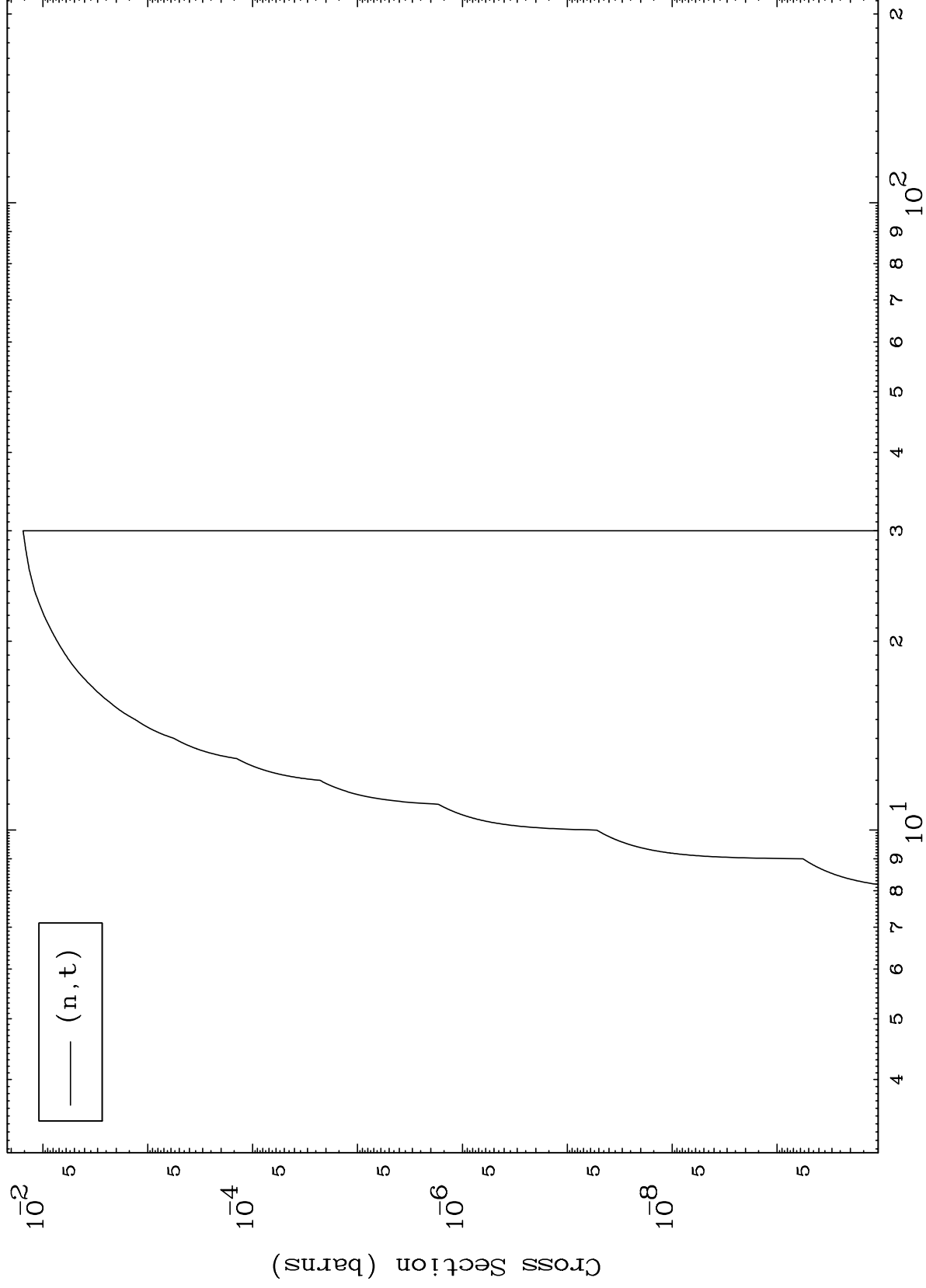
63-Eu-142

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(d,t) Levels

63-Eu-142

0 Kelvin Cross Sections



10

Incident Energy (MeV)

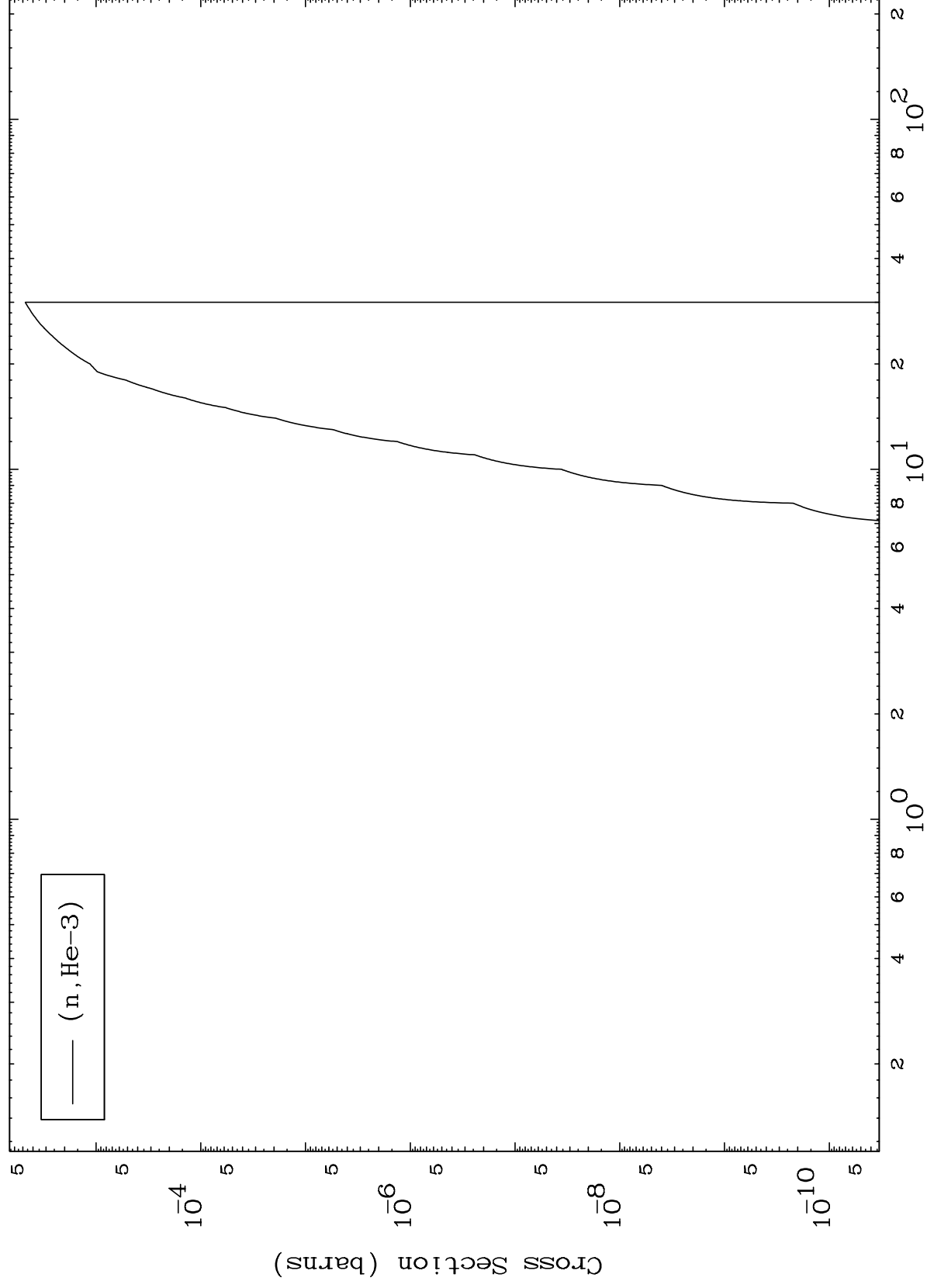
63-Eu-142

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(d,He3) Levels

63-Eu-142

0 Kelvin Cross Sections



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Incident Energy (MeV)

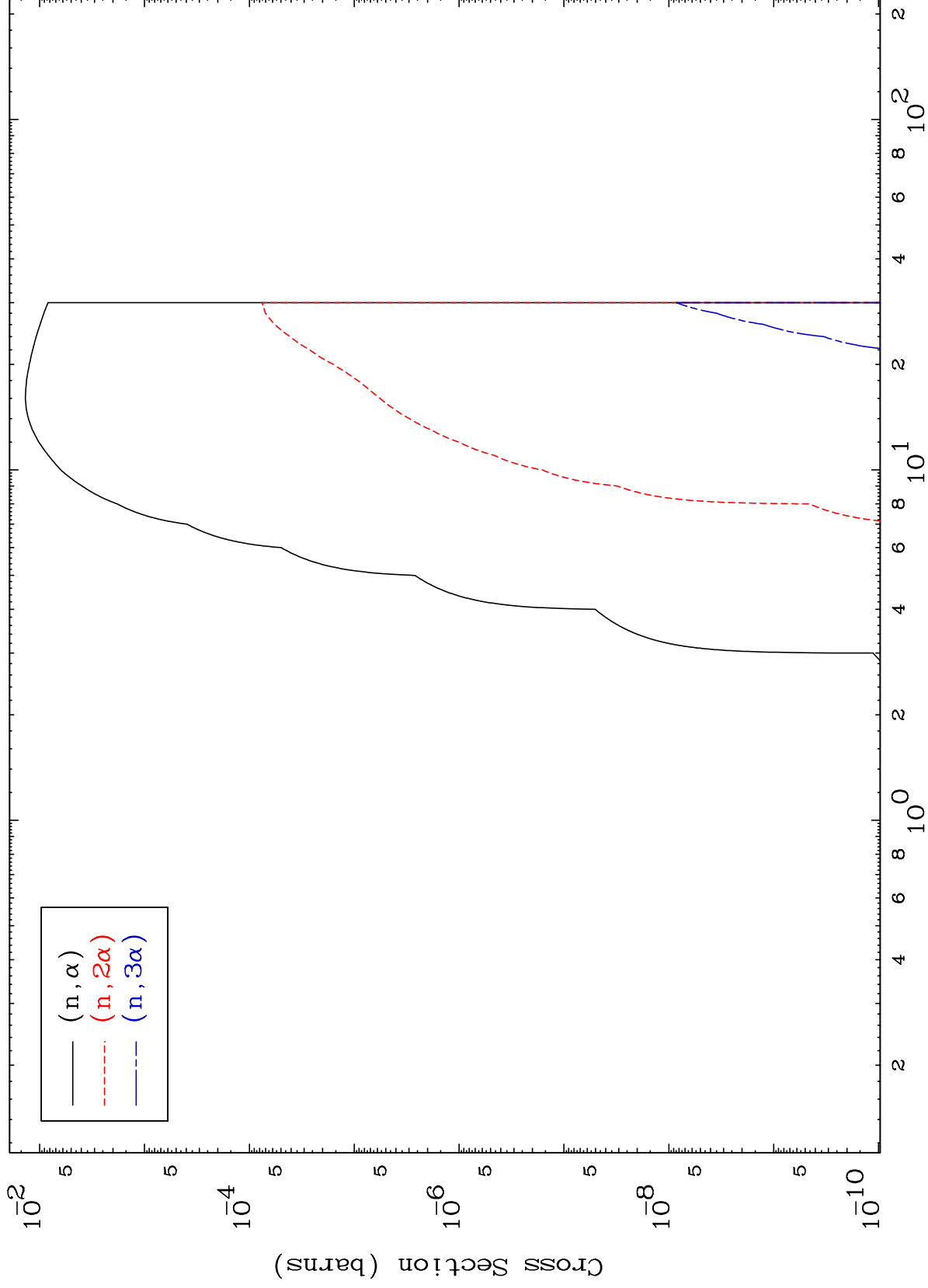
63-Eu-142

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(d, α) Levels

63-Eu-142

0 Kelvin Cross Sections



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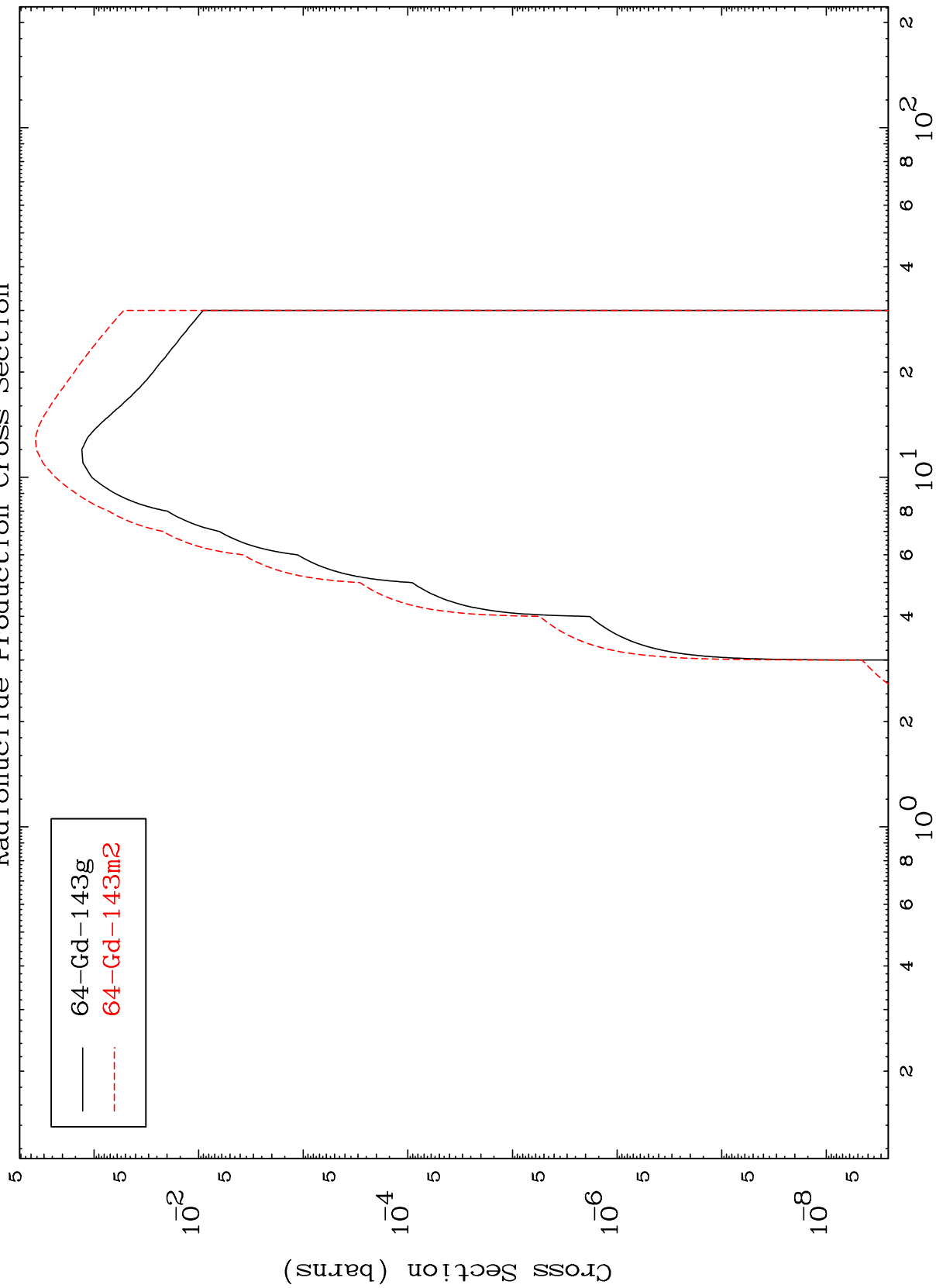
Incident Energy (MeV)

63-Eu-142

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63-Eu-142

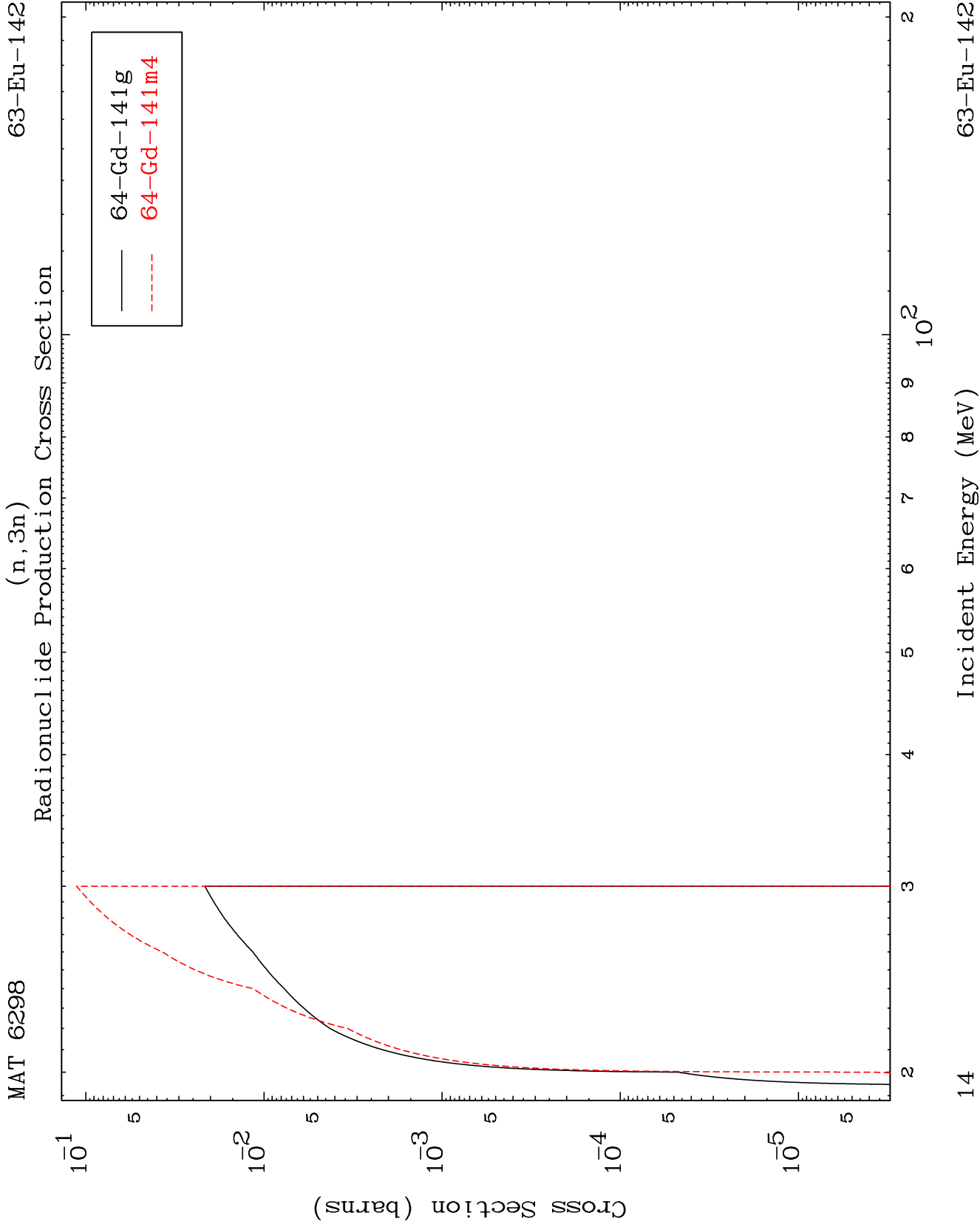
Inelastic
Radionuclide Production Cross Section



13

Incident Energy (MeV)

63-Eu-142

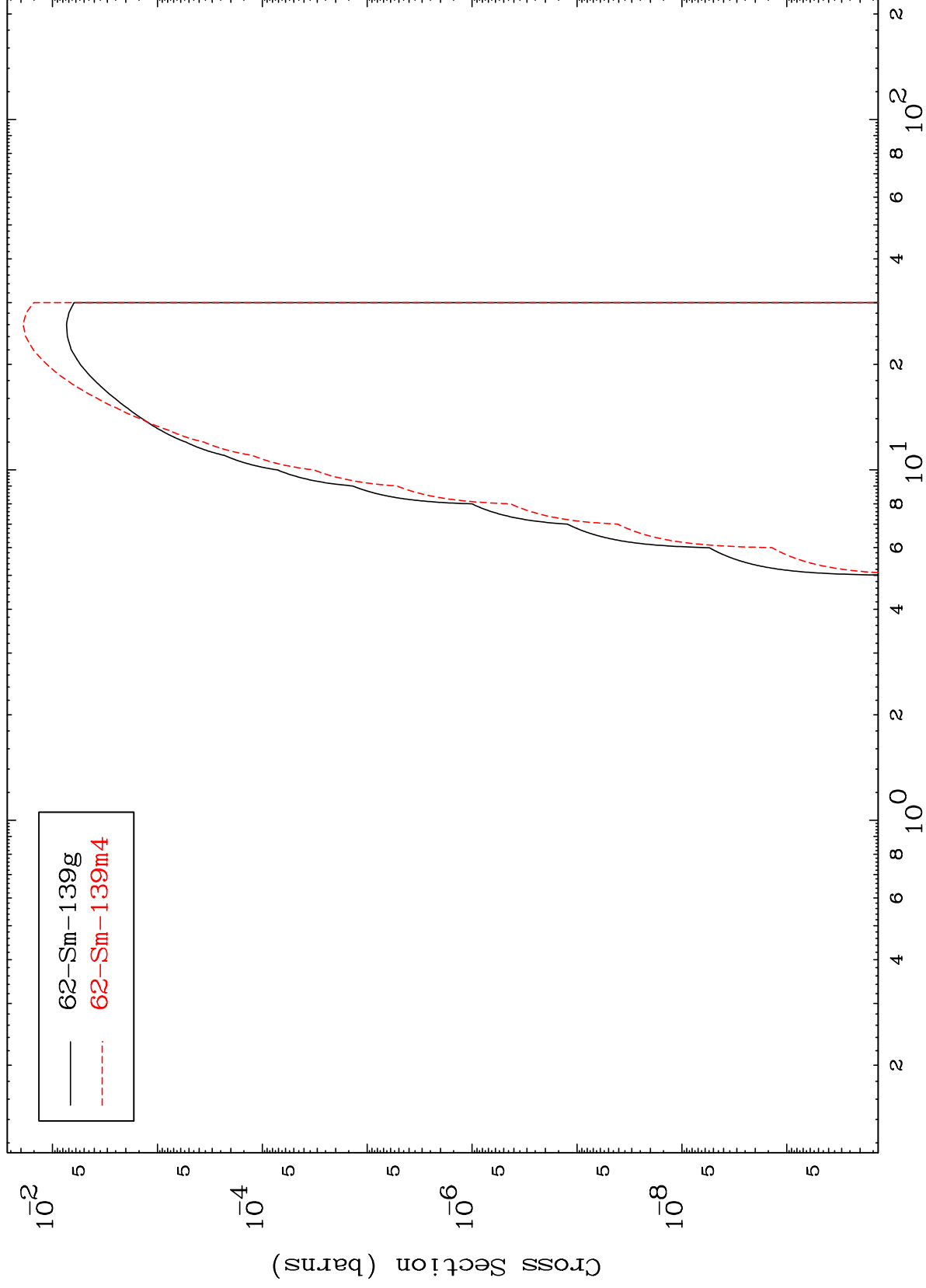


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$(n,n') \alpha$

63-Eu-142

Radionuclide Production Cross Section



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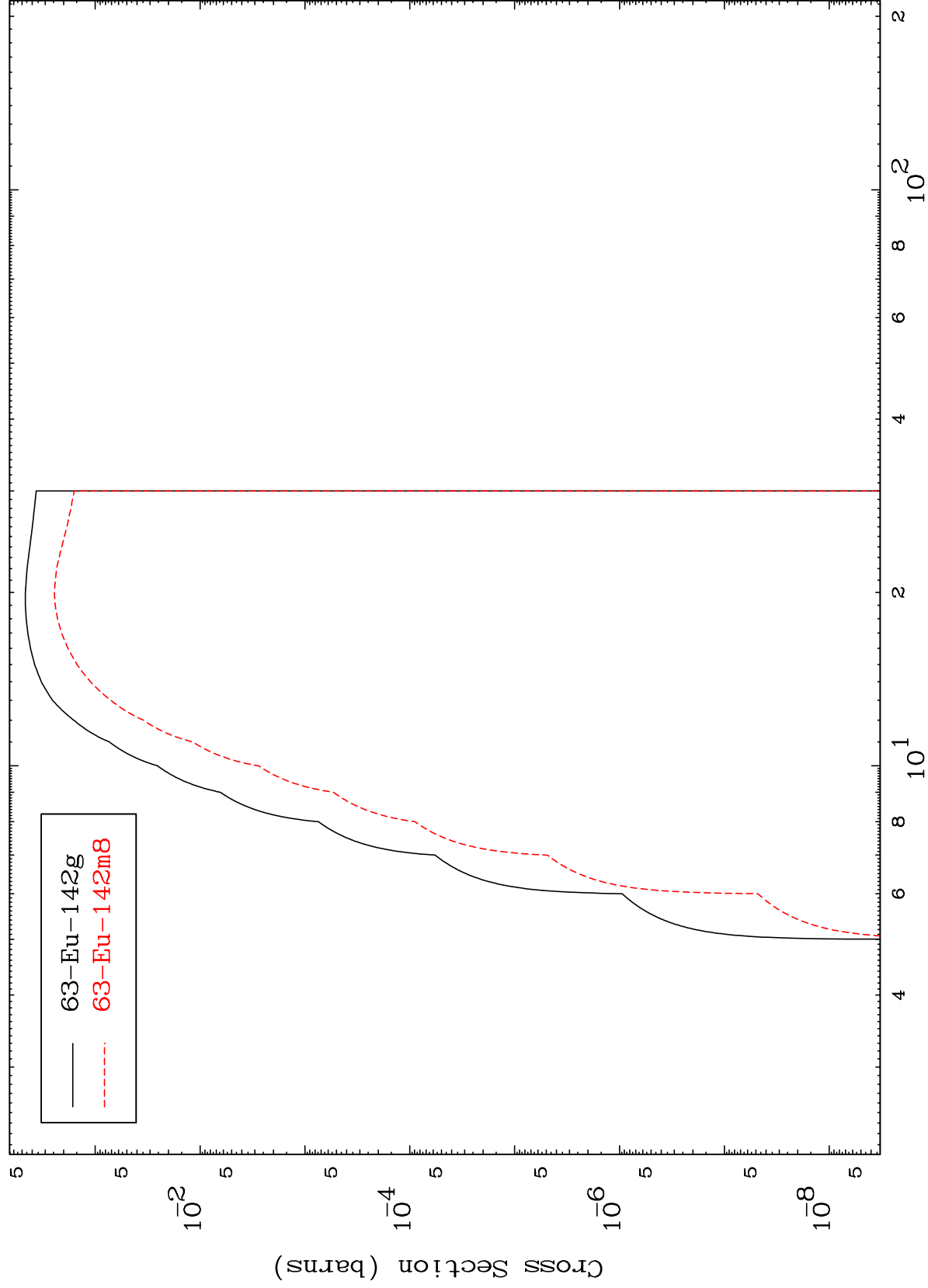
Incident Energy (MeV)

63-Eu-142

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63-Eu-142

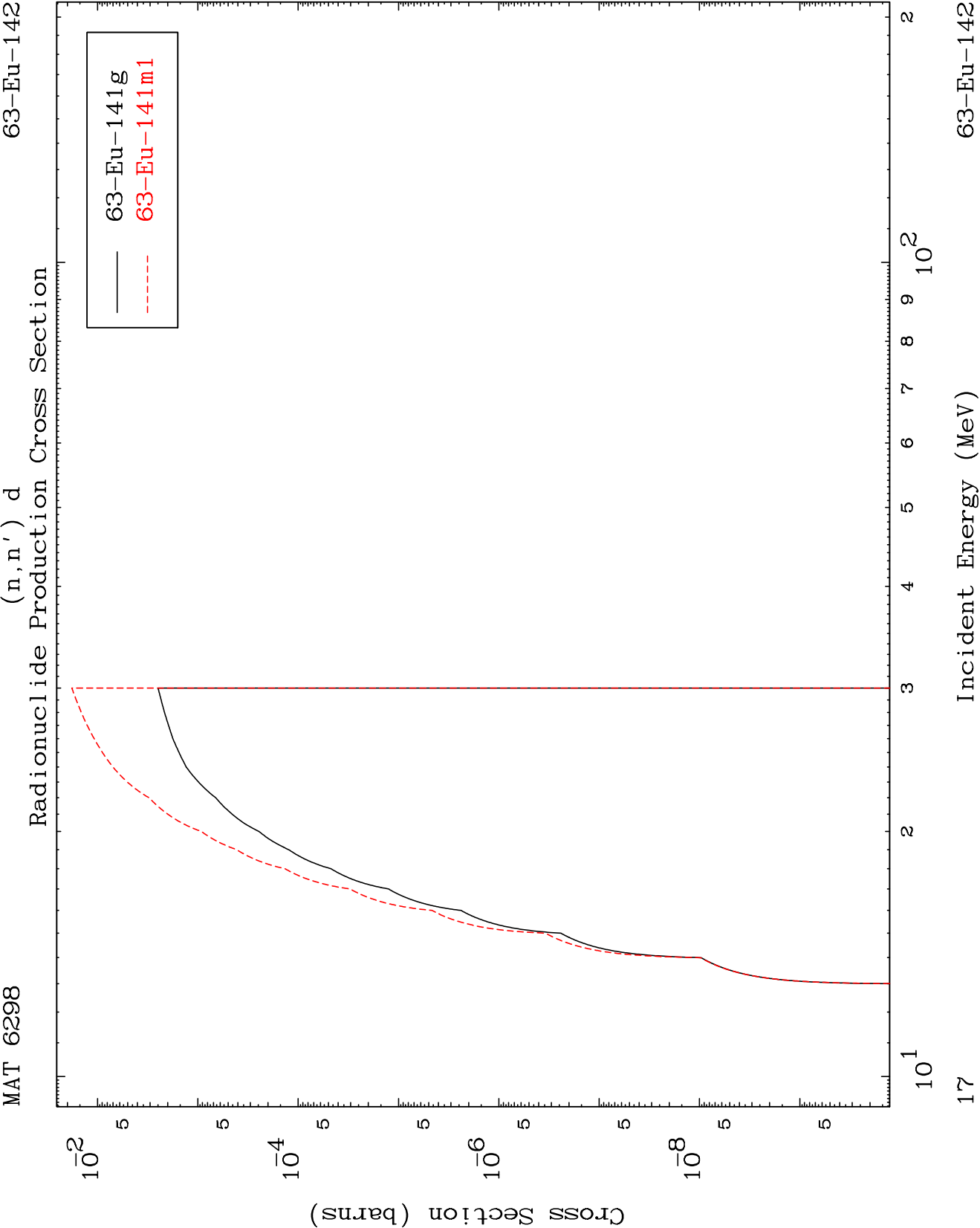
(n,n') p
Radionuclide Production Cross Section



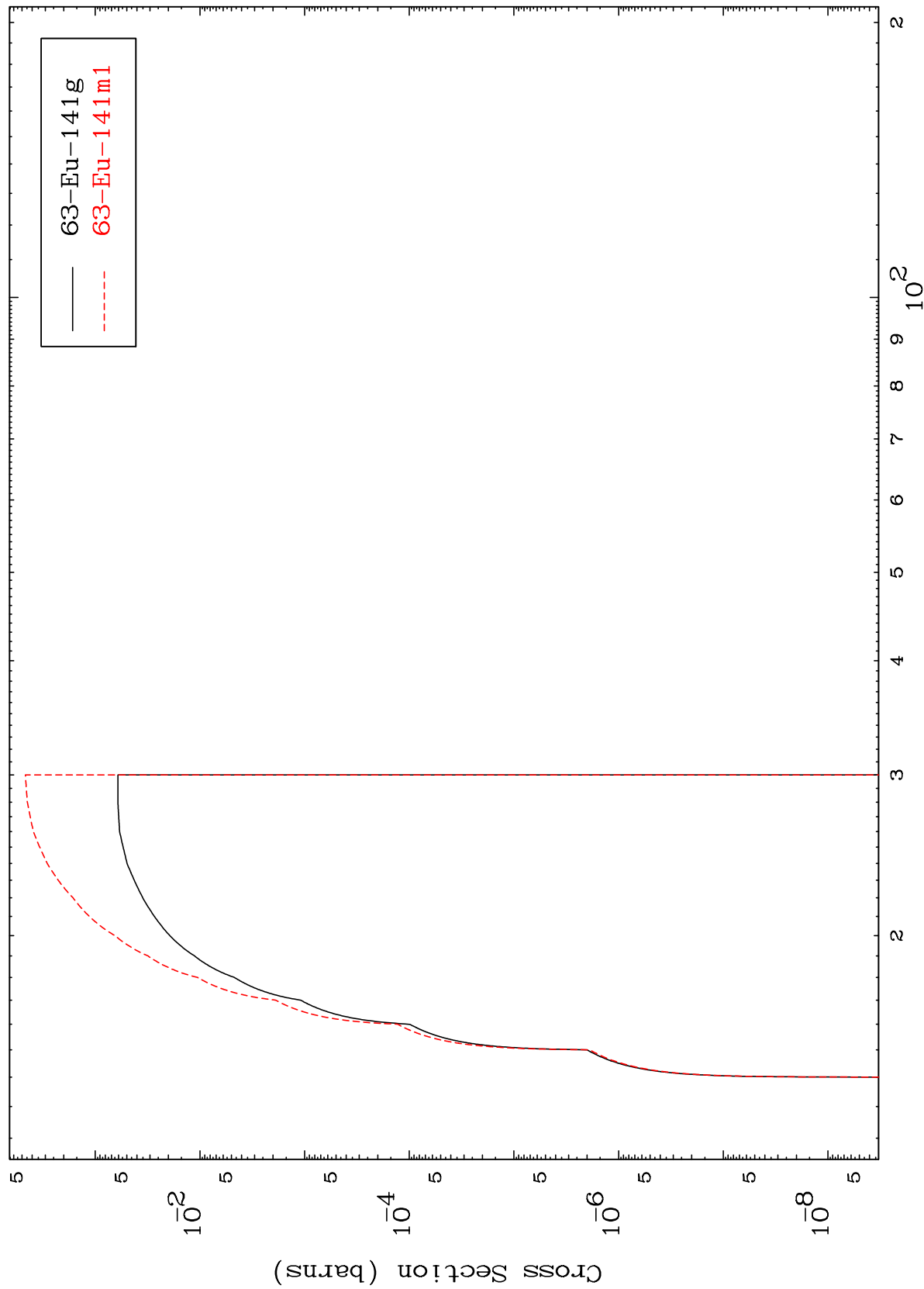
16

Incident Energy (MeV)

63-Eu-142



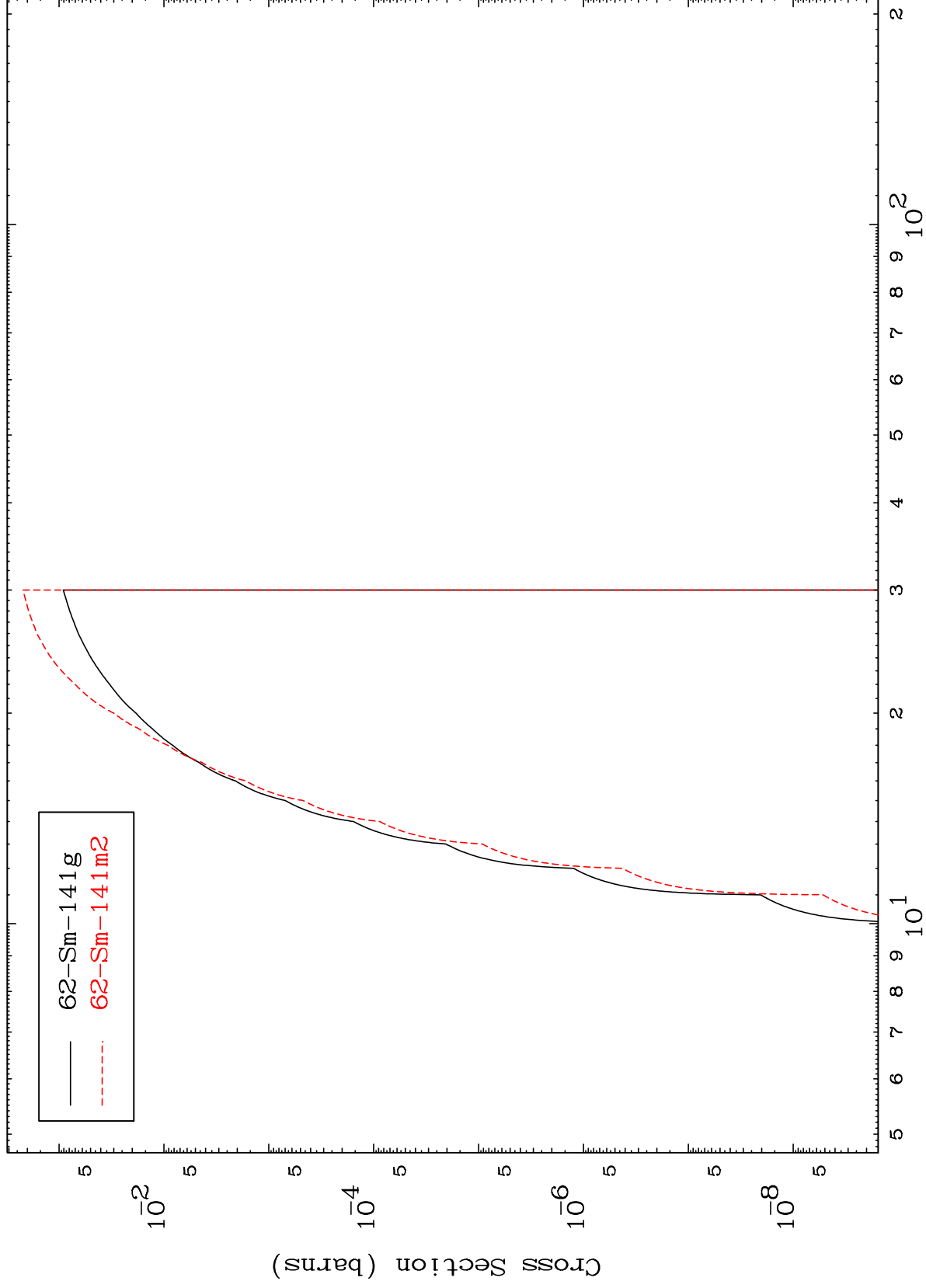
(n,2n) p
Radionuclide Production Cross Section



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63-Eu-142

(n,2n) p
Radionuclide Production Cross Section



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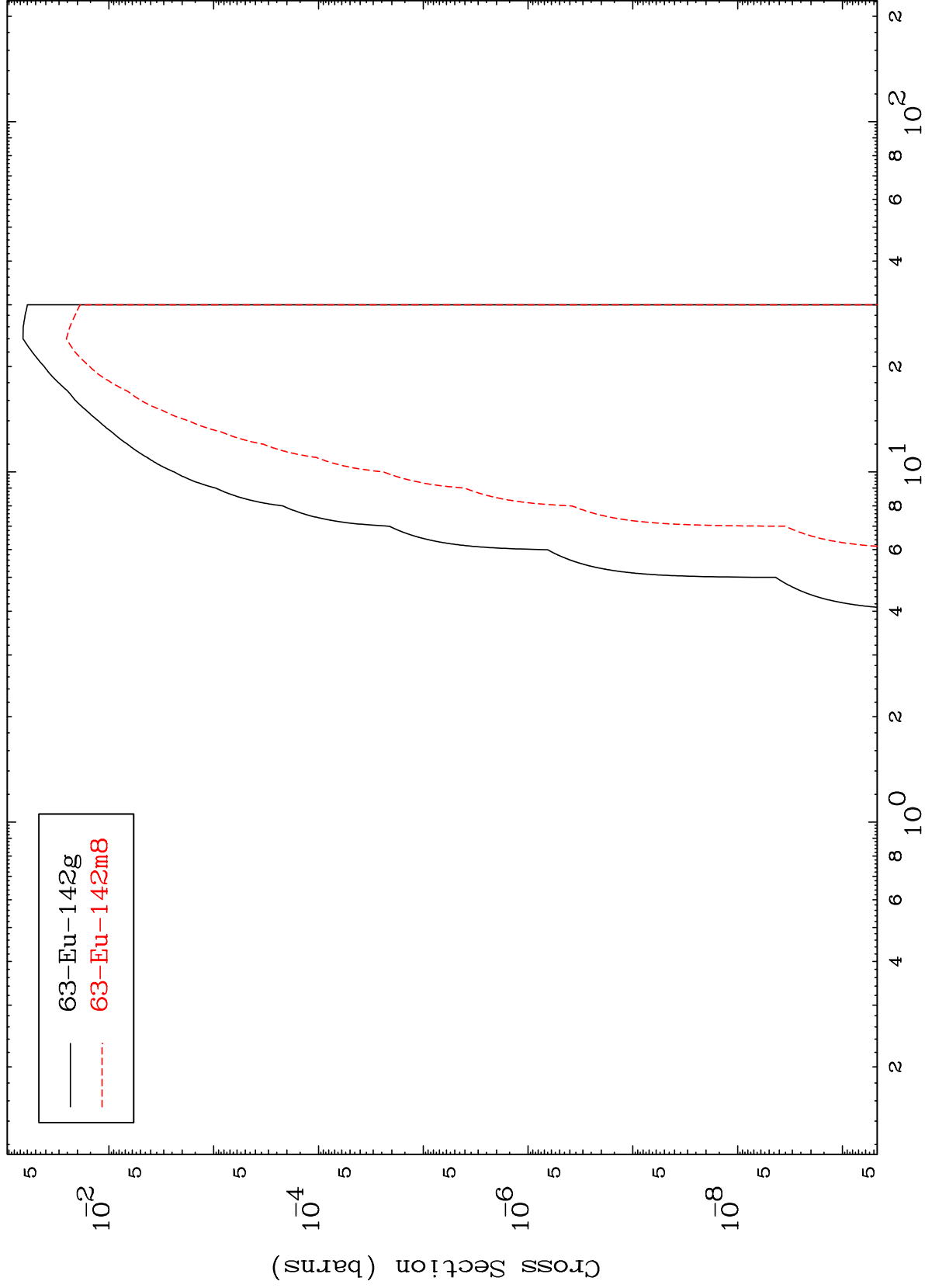
Incident Energy (MeV)

63-Eu-142

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63-Eu-142

(n,d)
Radionuclide Production Cross Section

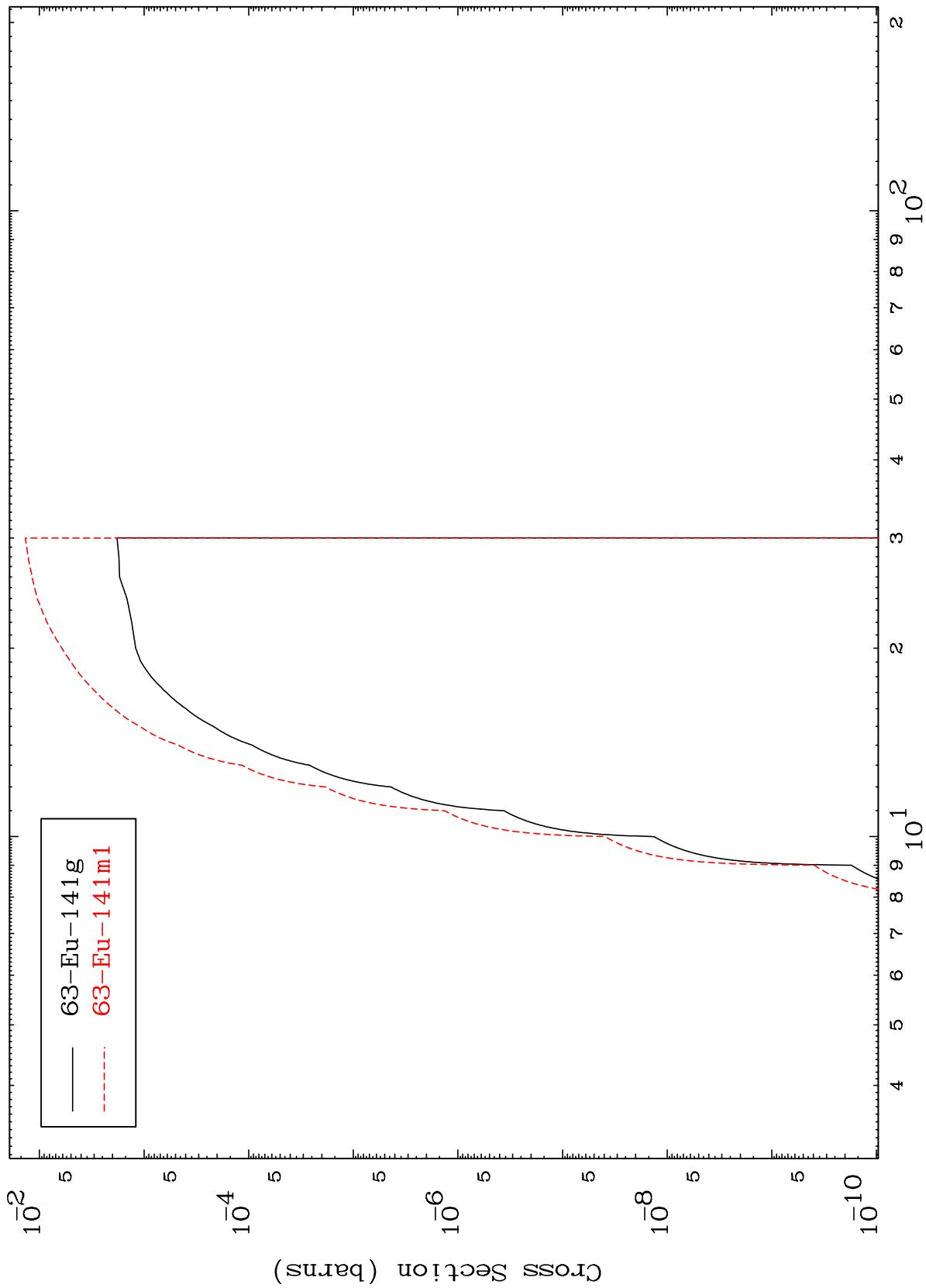


20

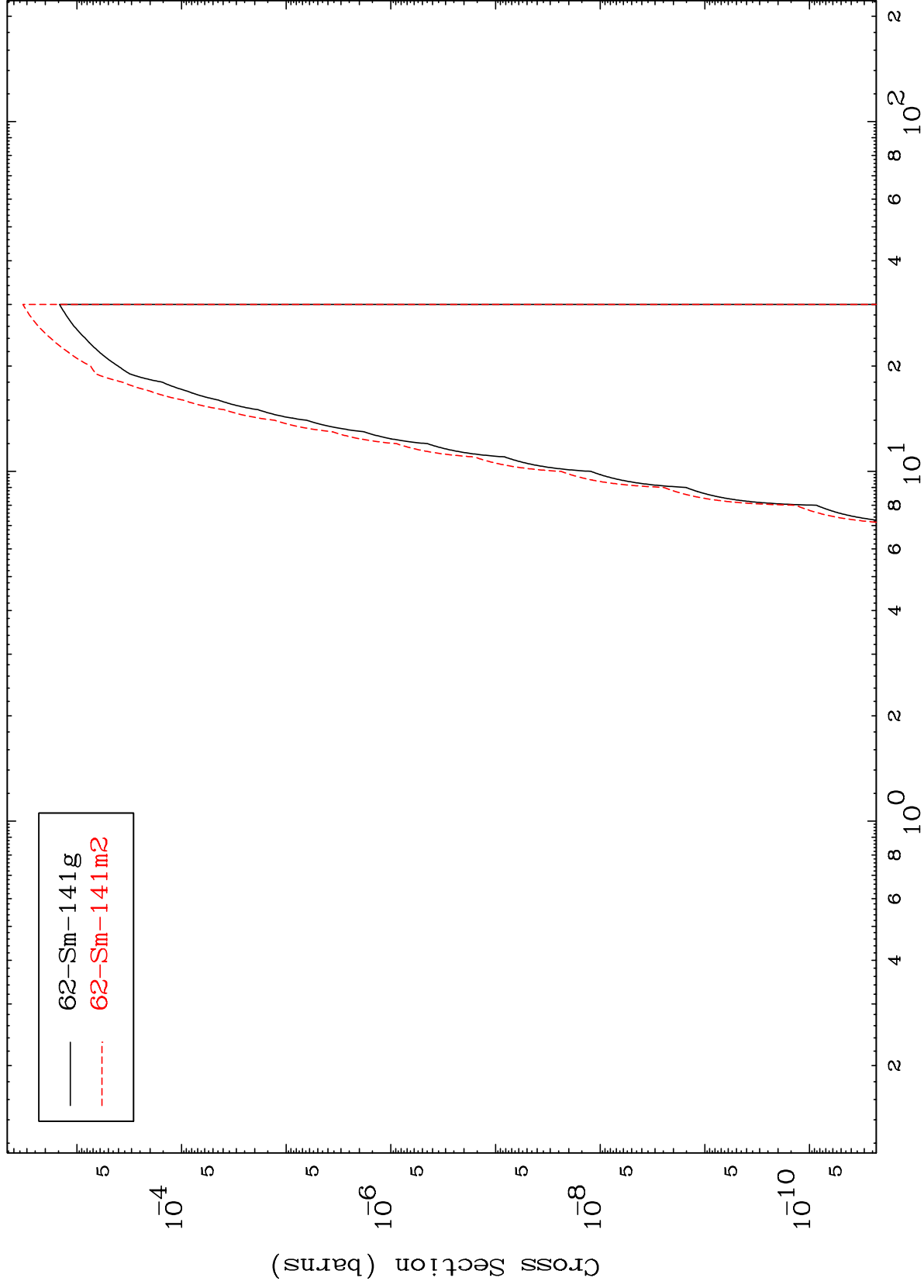
Incident Energy (MeV)

63-Eu-142

Radionuclide Production Cross Section (n,t)



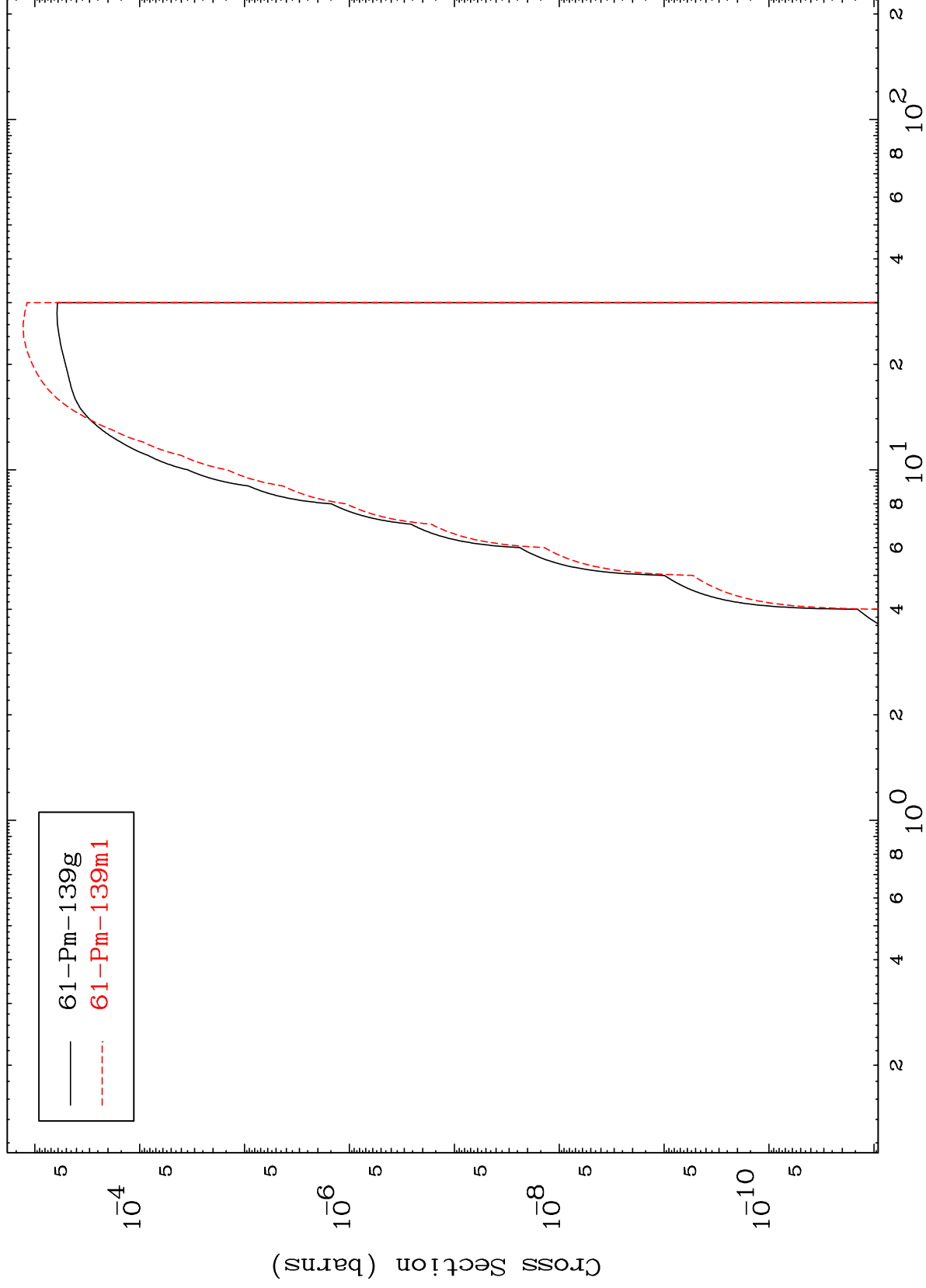
Radionuclide Production Cross Section
(n,He-3)



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63-Eu-142

(n,p) α
Radionuclide Production Cross Section



23

Incident Energy (MeV)

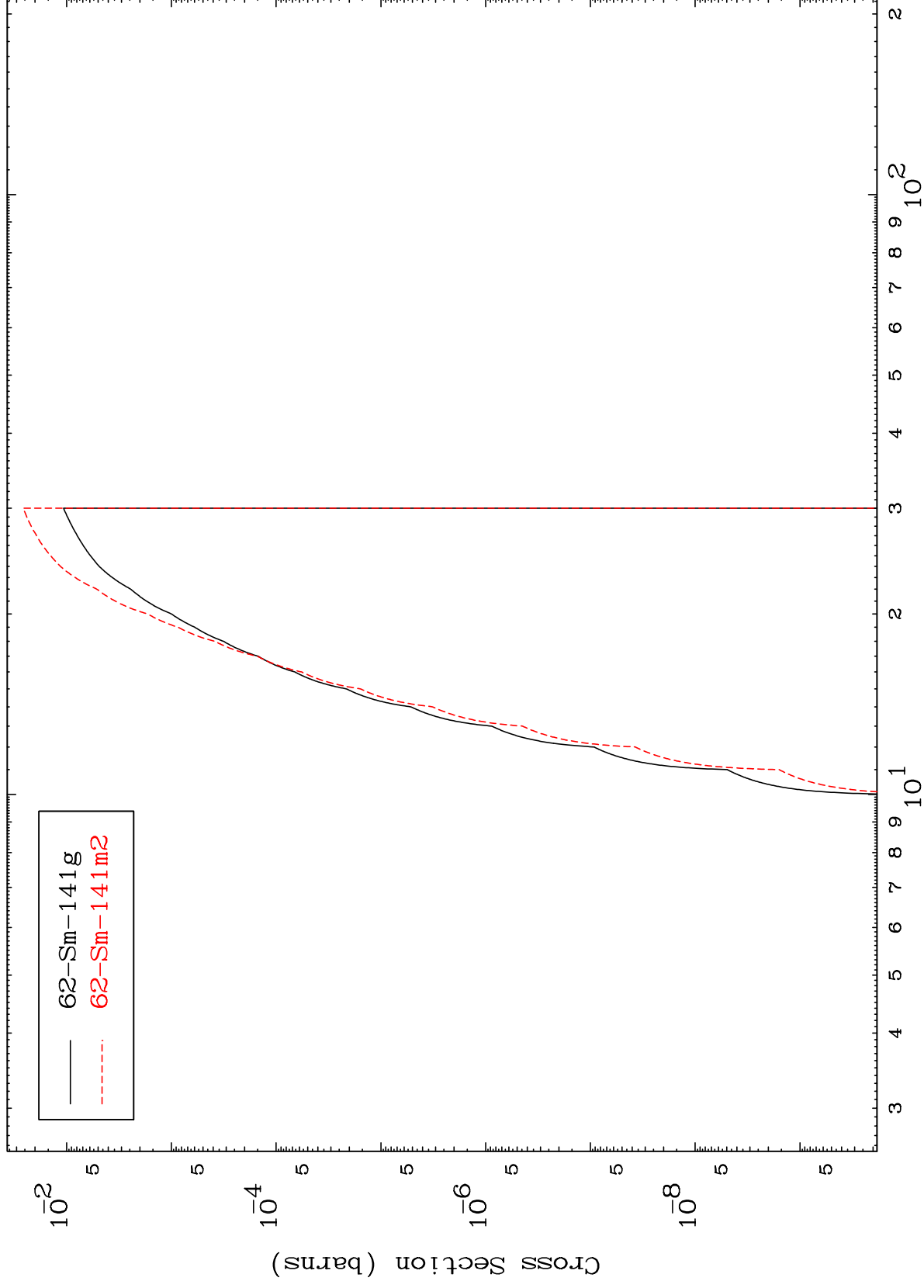
63-Eu-142

MAT 6298

(n,p) d

63-Eu-142

Radionuclide Production Cross Section



24

Incident Energy (MeV)

63-Eu-142