

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

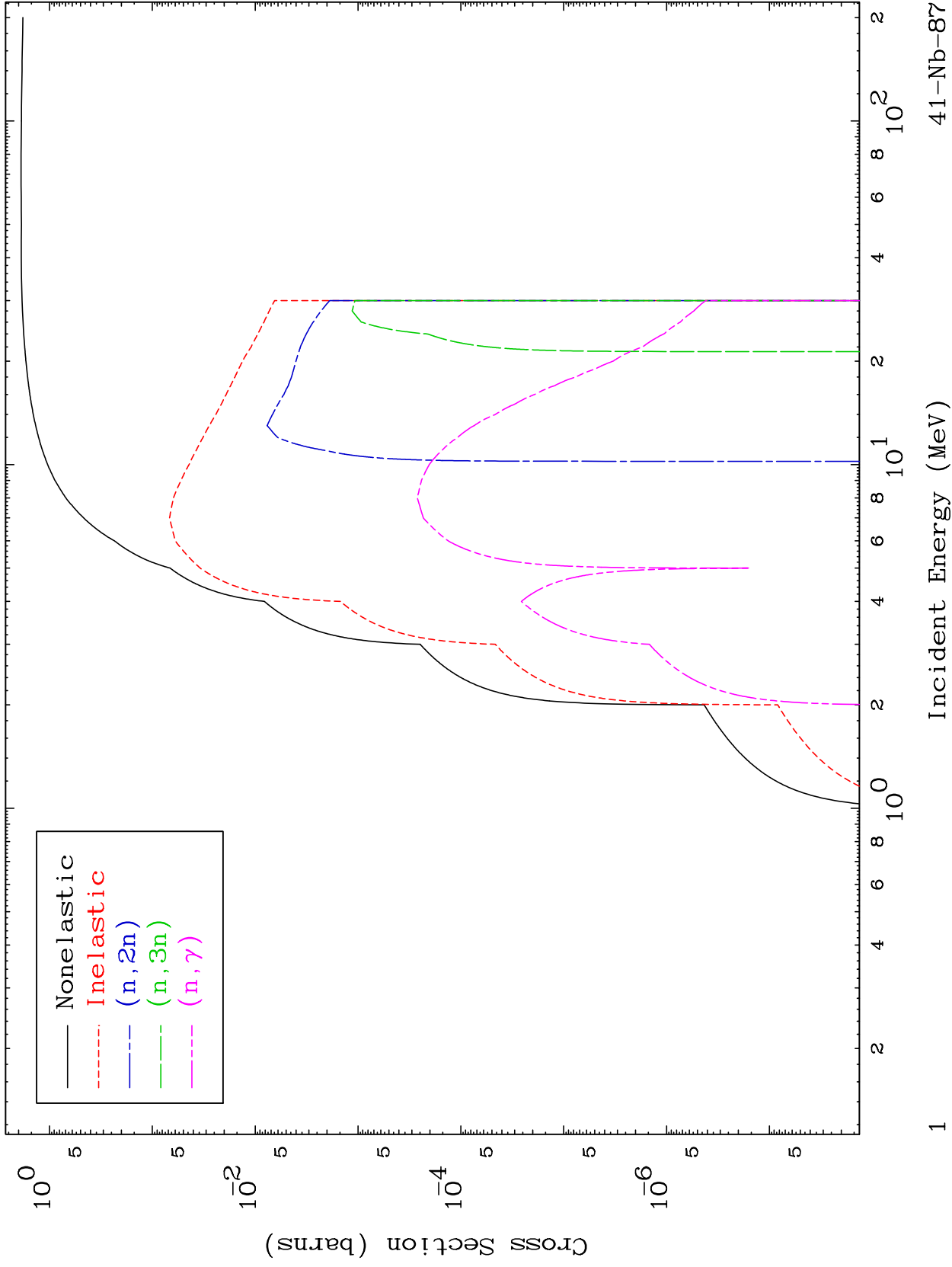
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

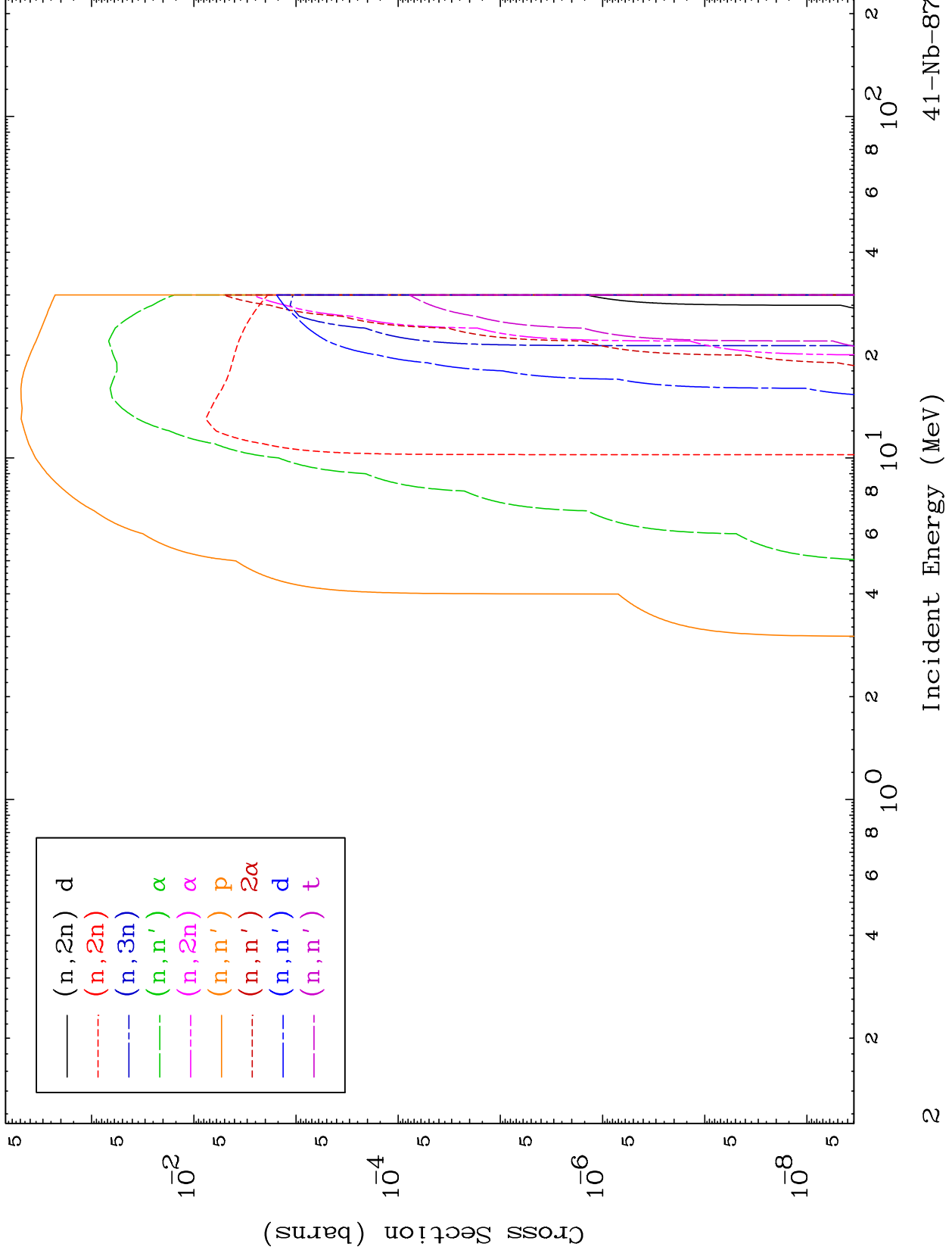
E.Mail:redcullen1@comcast.net

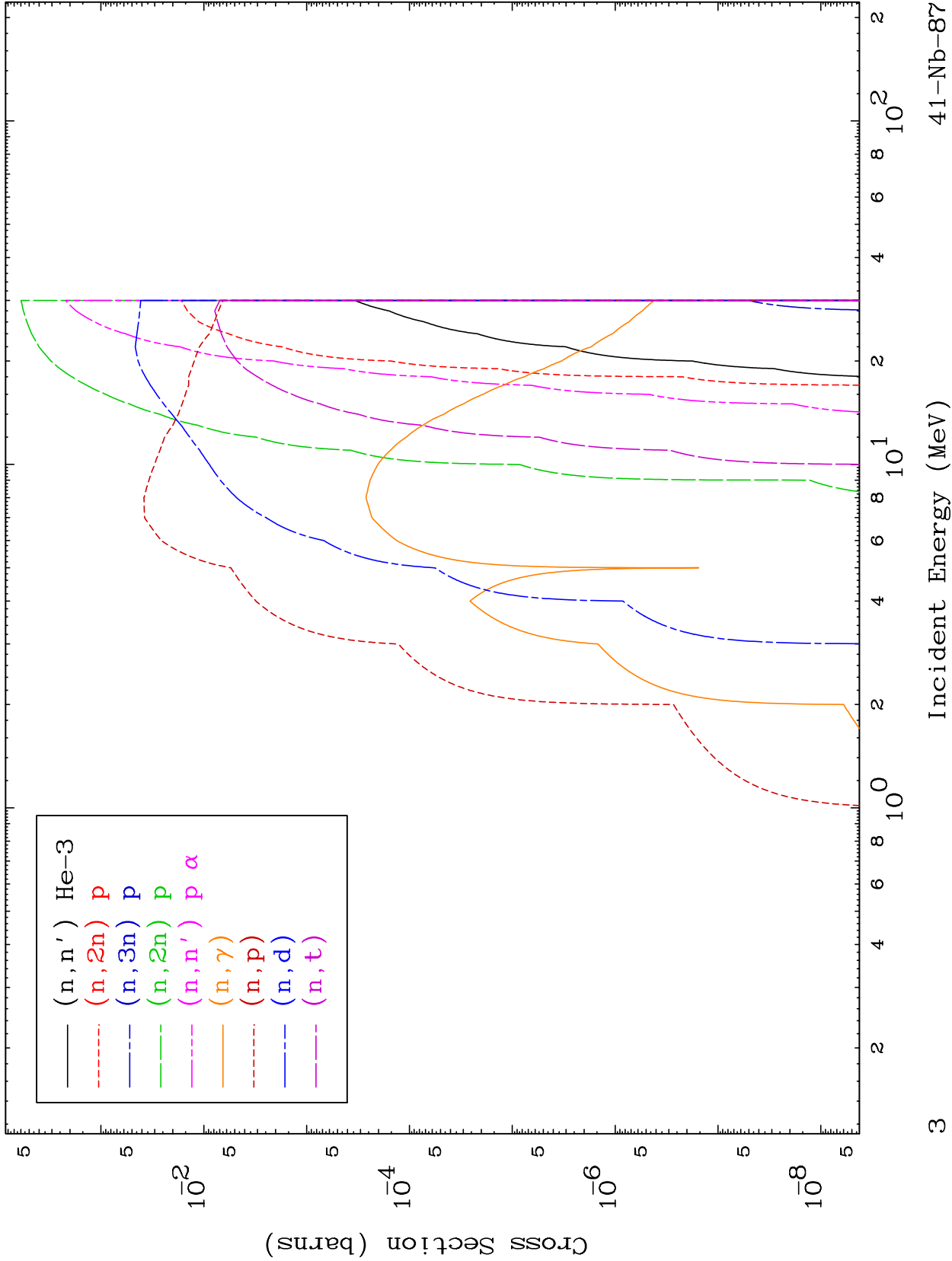
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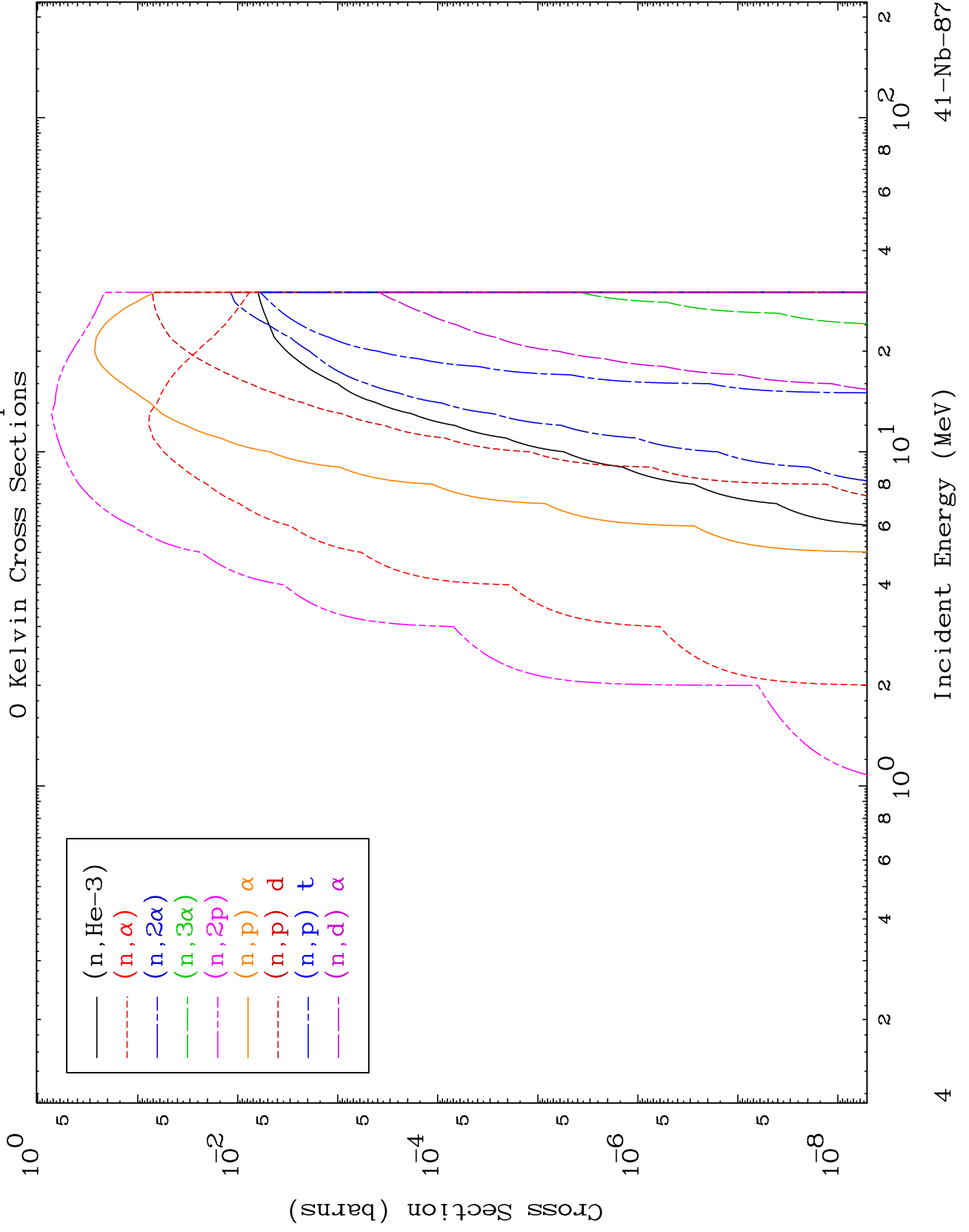
Press Mouse Button to Start

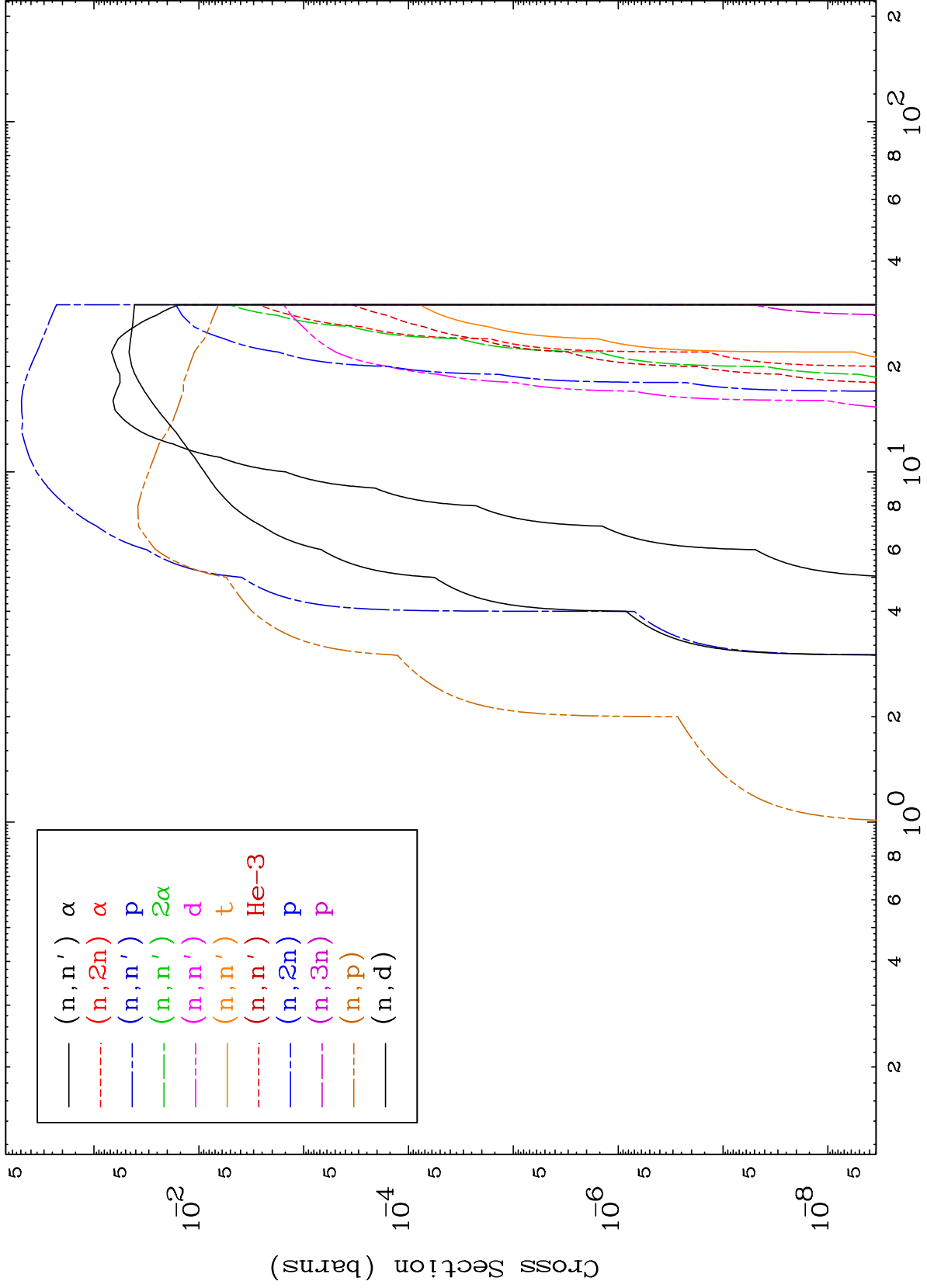


Deuteron Neutron Absorption
0 Kelvin Cross Sections





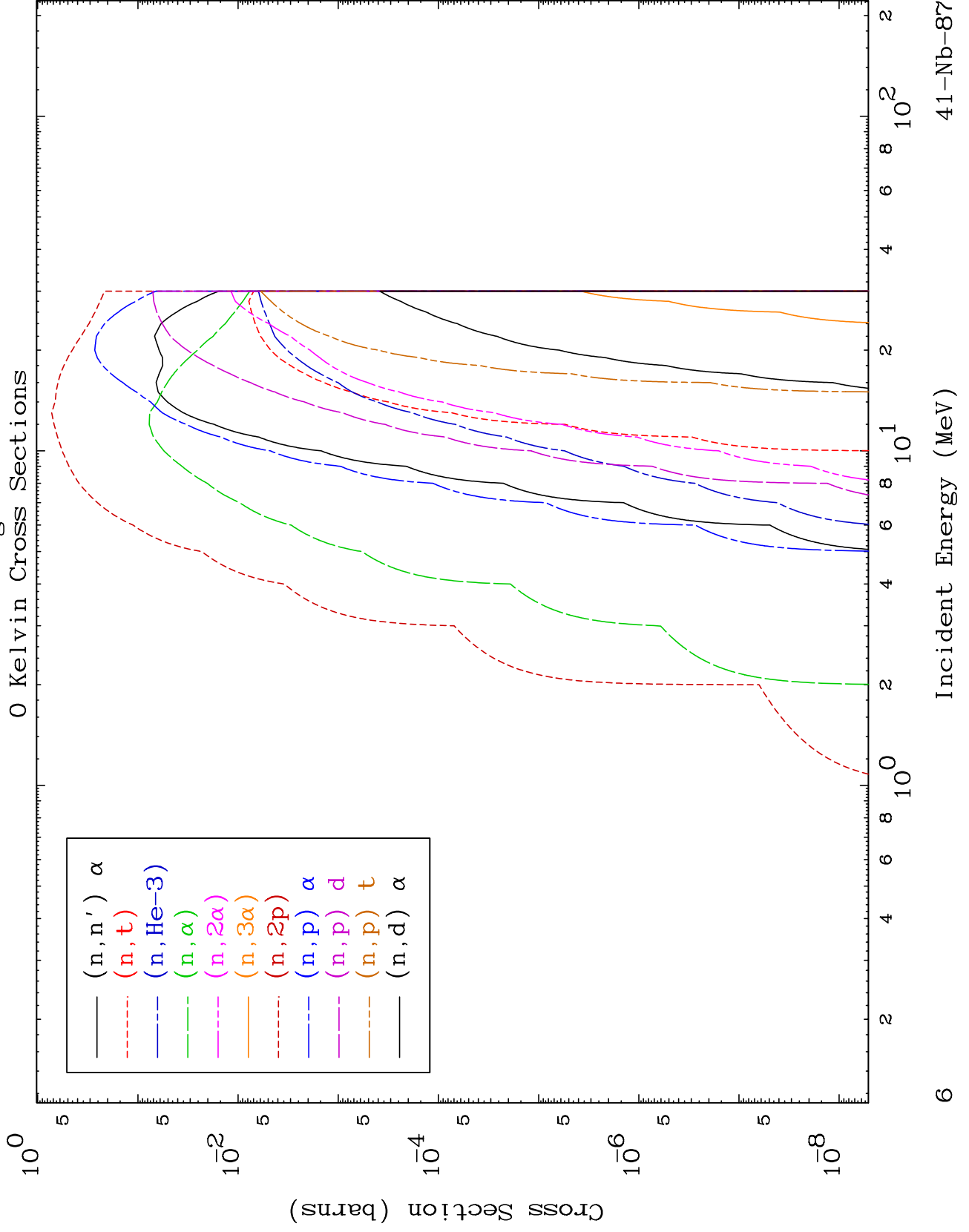




MAT 4107

Deuteron Charged Particle
0 Kelvin Cross Sections

41-Nb-87

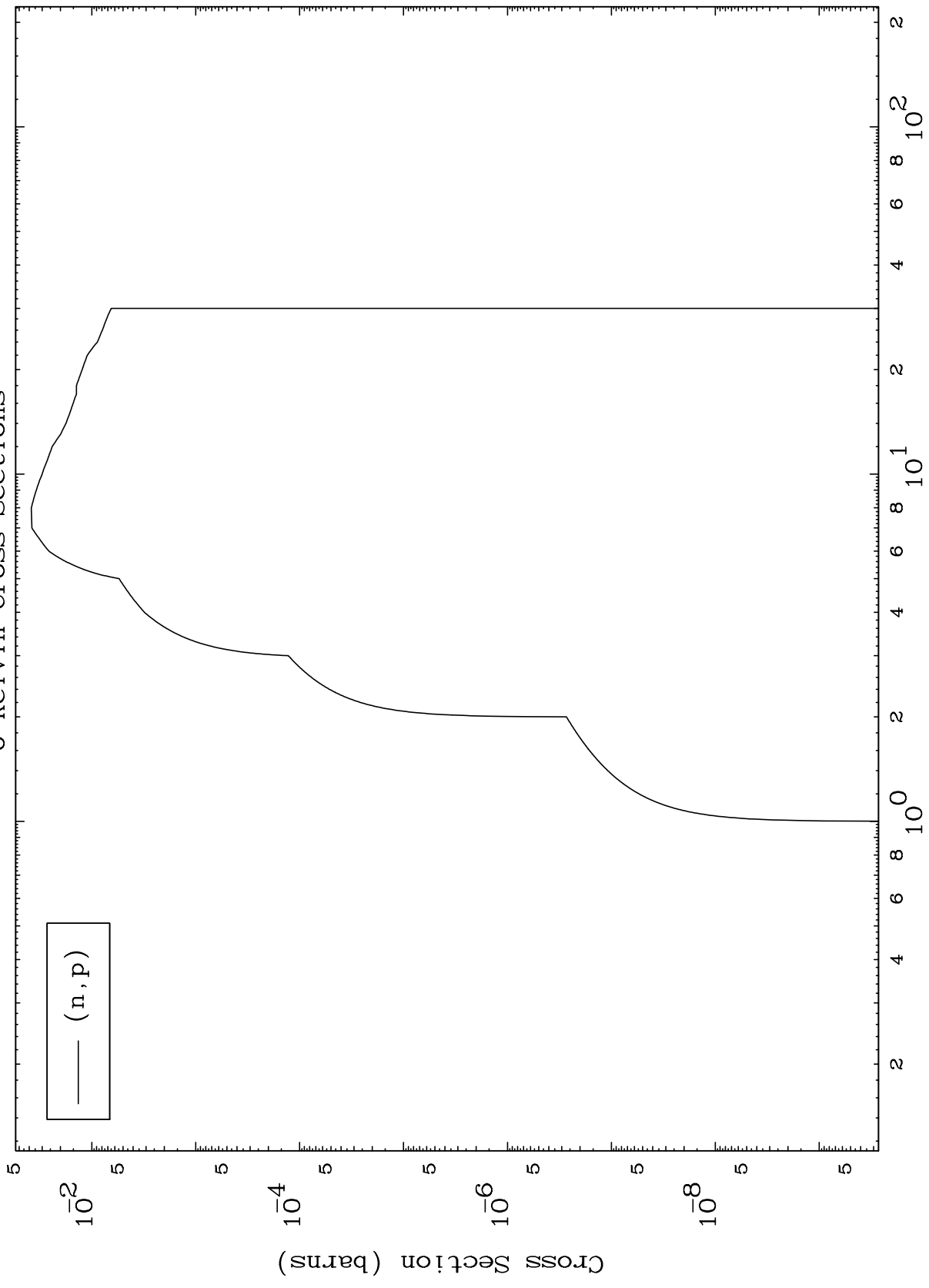


MAT 4107

(d,p) Levels

41-Nb-87

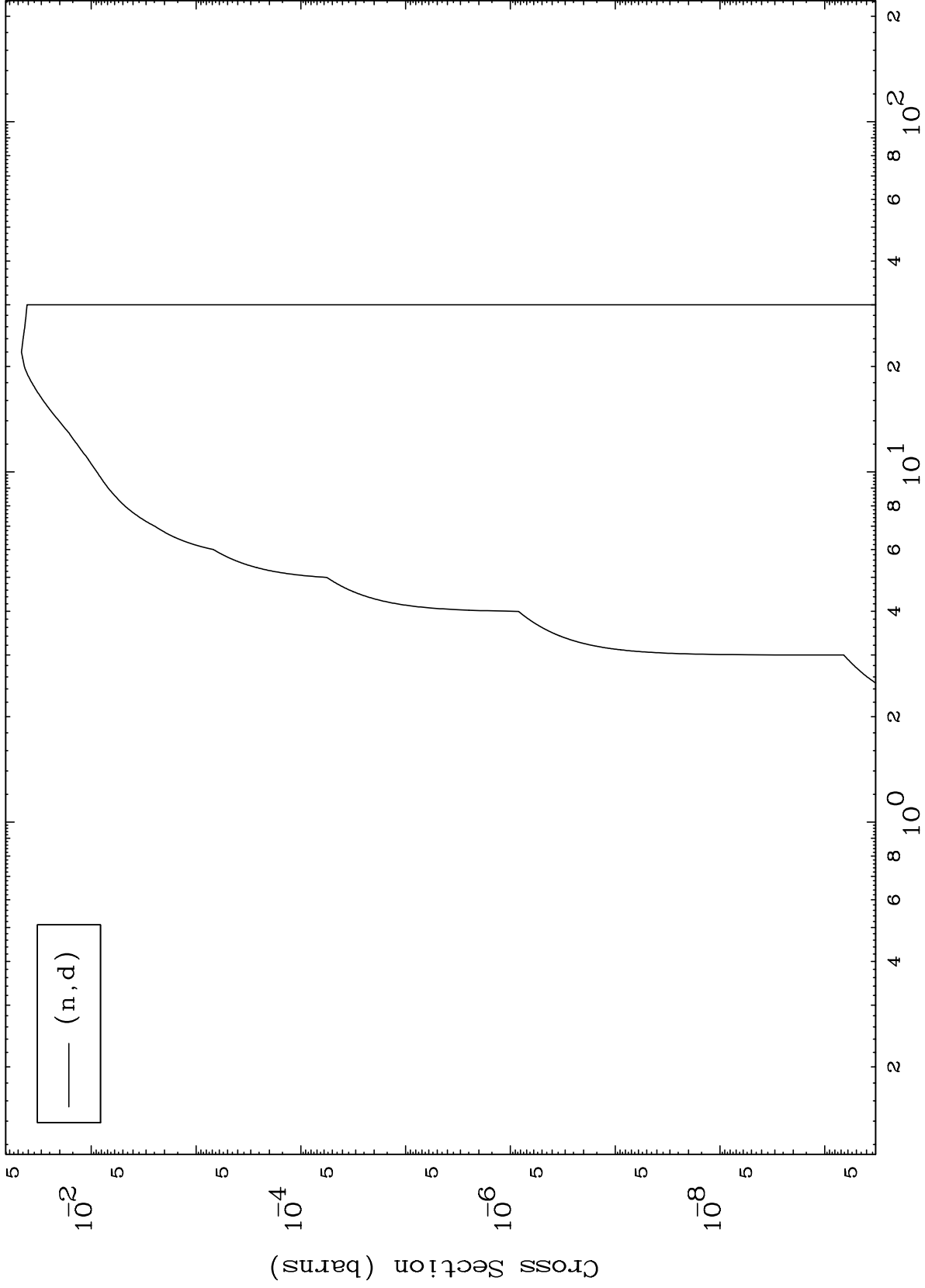
0 Kelvin Cross Sections



MAT 4107

(d,d) Levels
0 Kelvin Cross Sections

41-Nb-87

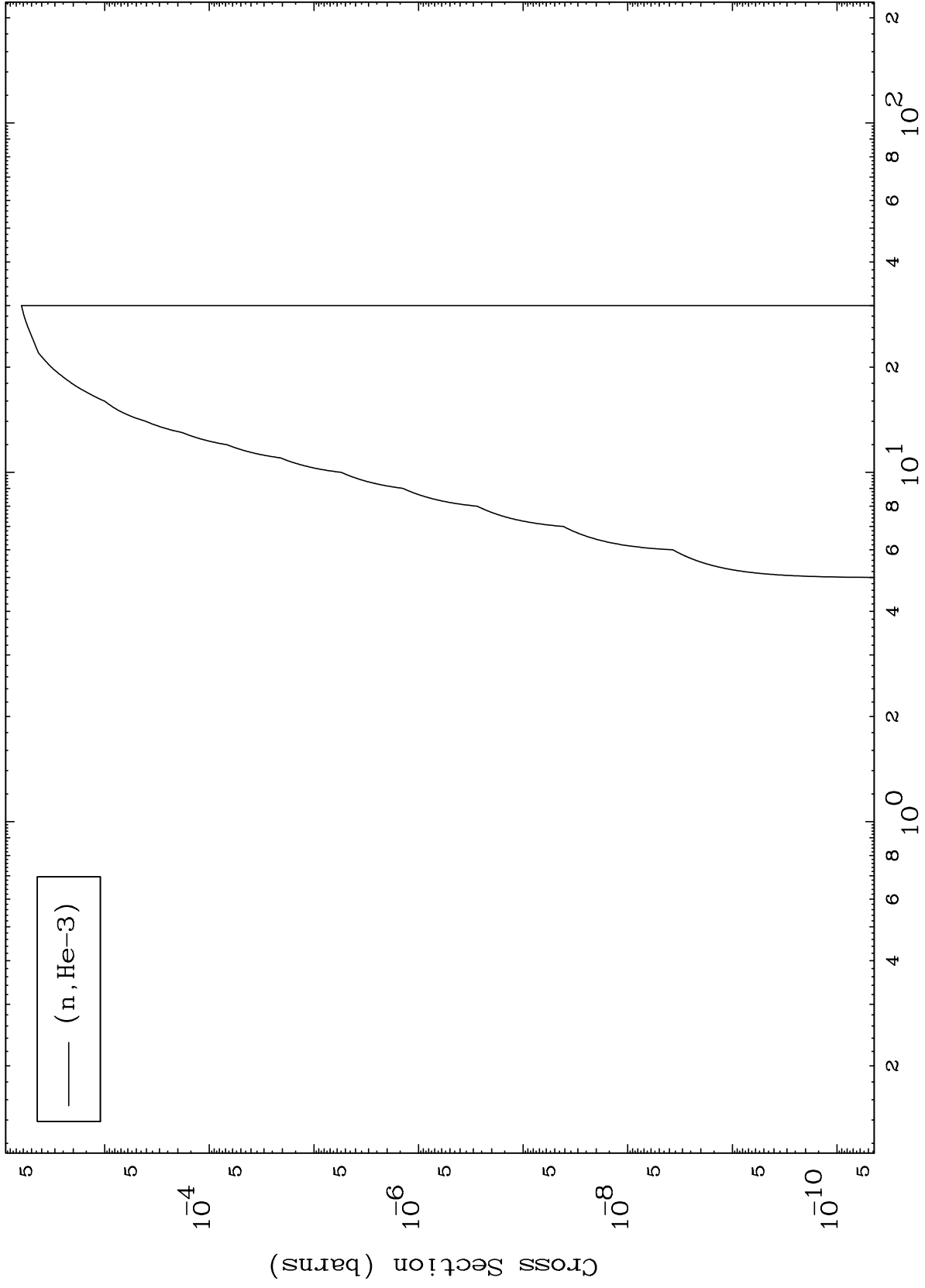


MAT 4107

(d,He3) Levels

41-Nb-87

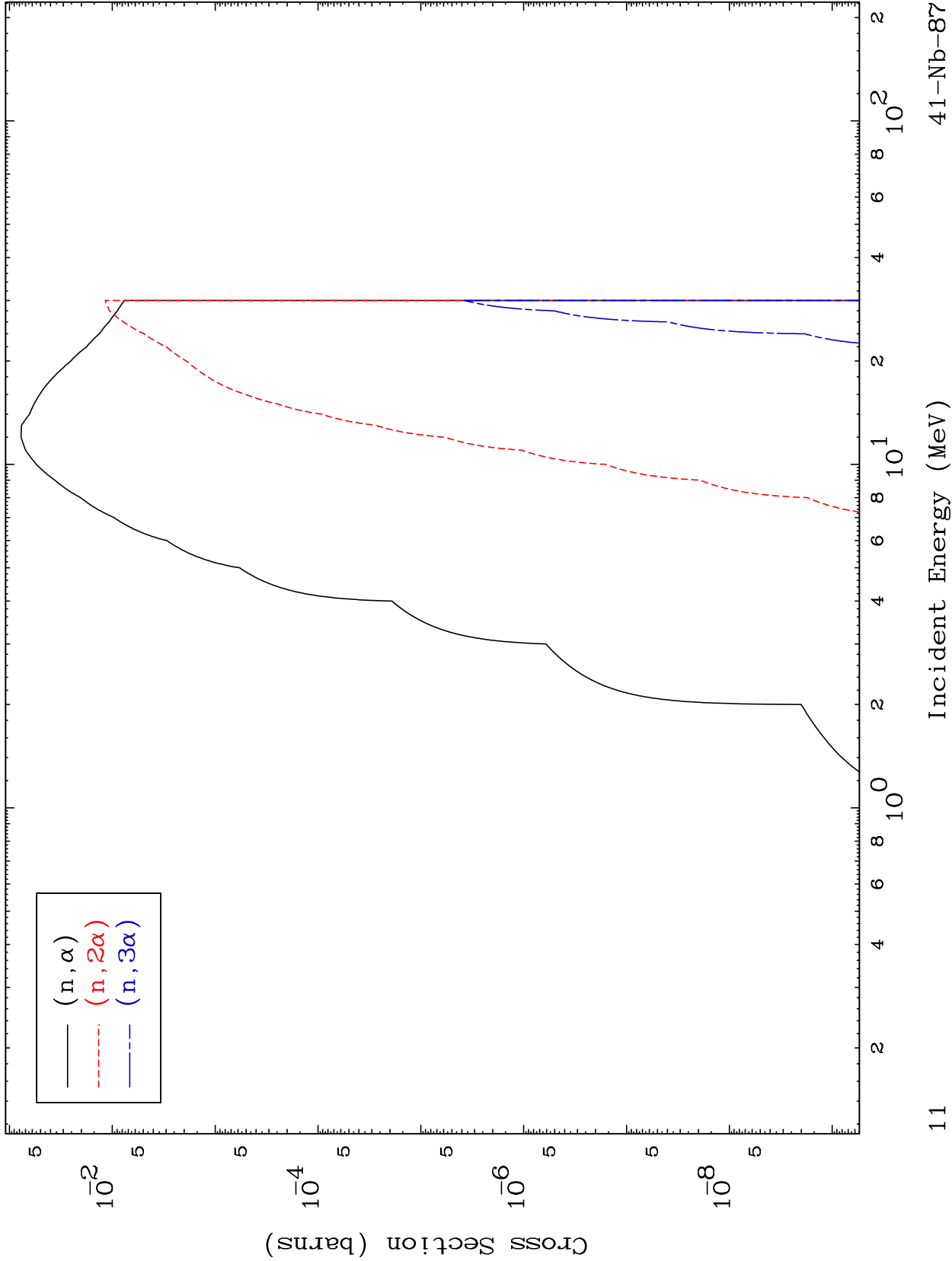
0 Kelvin Cross Sections



10

Incident Energy (MeV)

41-Nb-87

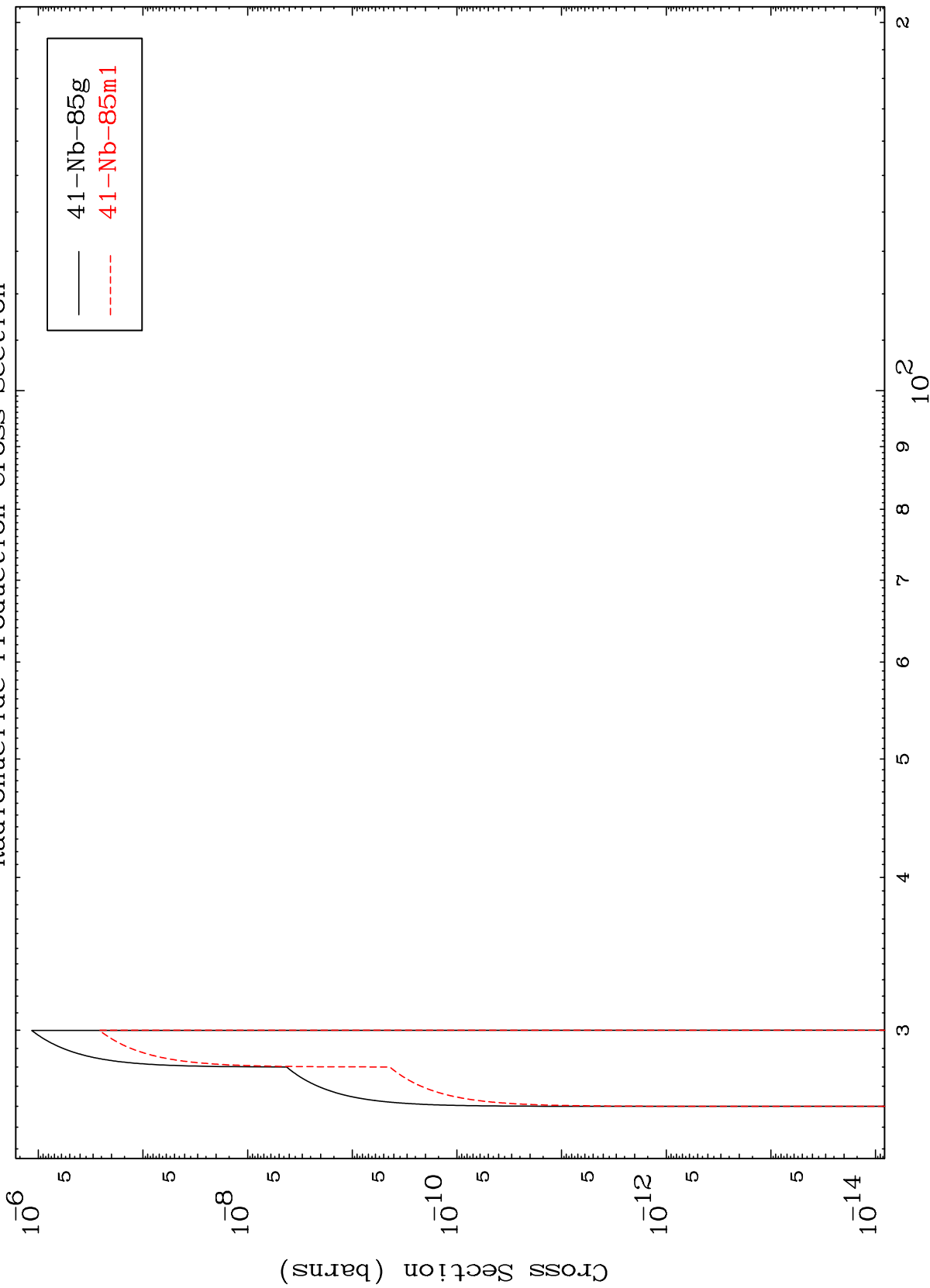


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(n,2n) d

41-Nb-87

Radionuclide Production Cross Section



41-Nb-85g
41-Nb-85m1

12

Incident Energy (MeV)

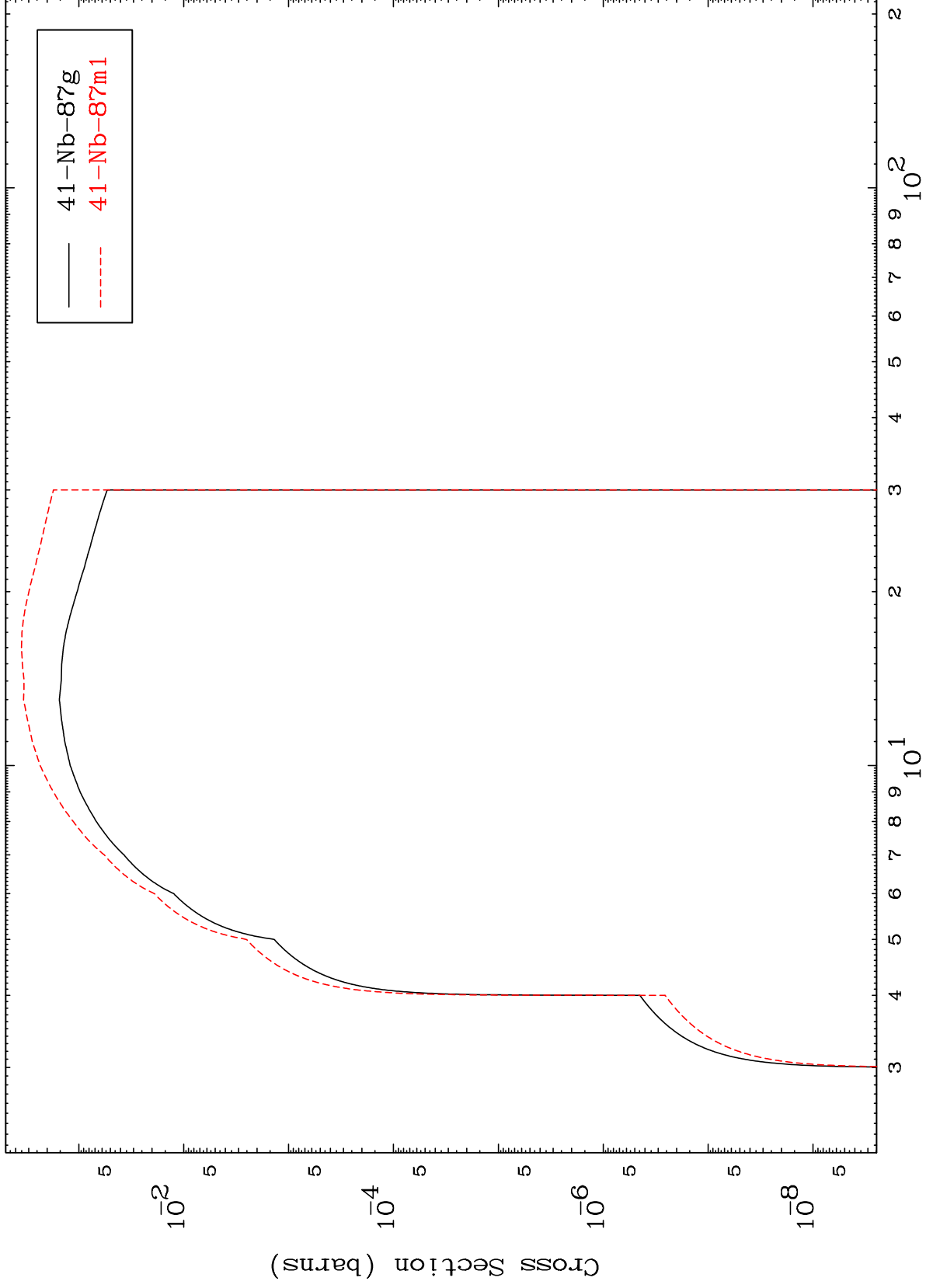
41-Nb-87

MAT 4107

(n,n') p

41-Nb-87

Radionuclide Production Cross Section



13

Incident Energy (MeV)

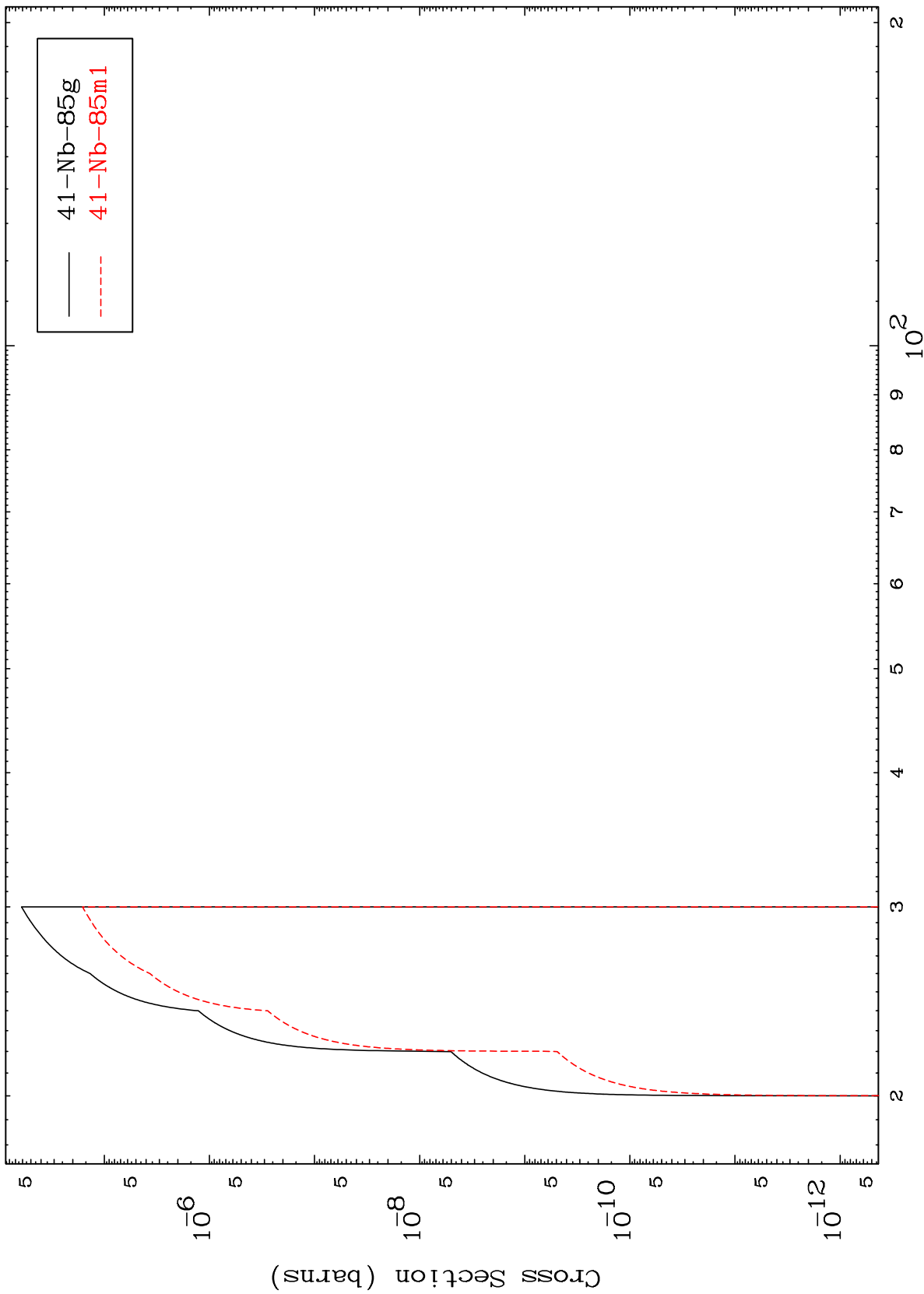
41-Nb-87

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(n,n') t

41-Nb-87

Radionuclide Production Cross Section



14

Incident Energy (MeV)

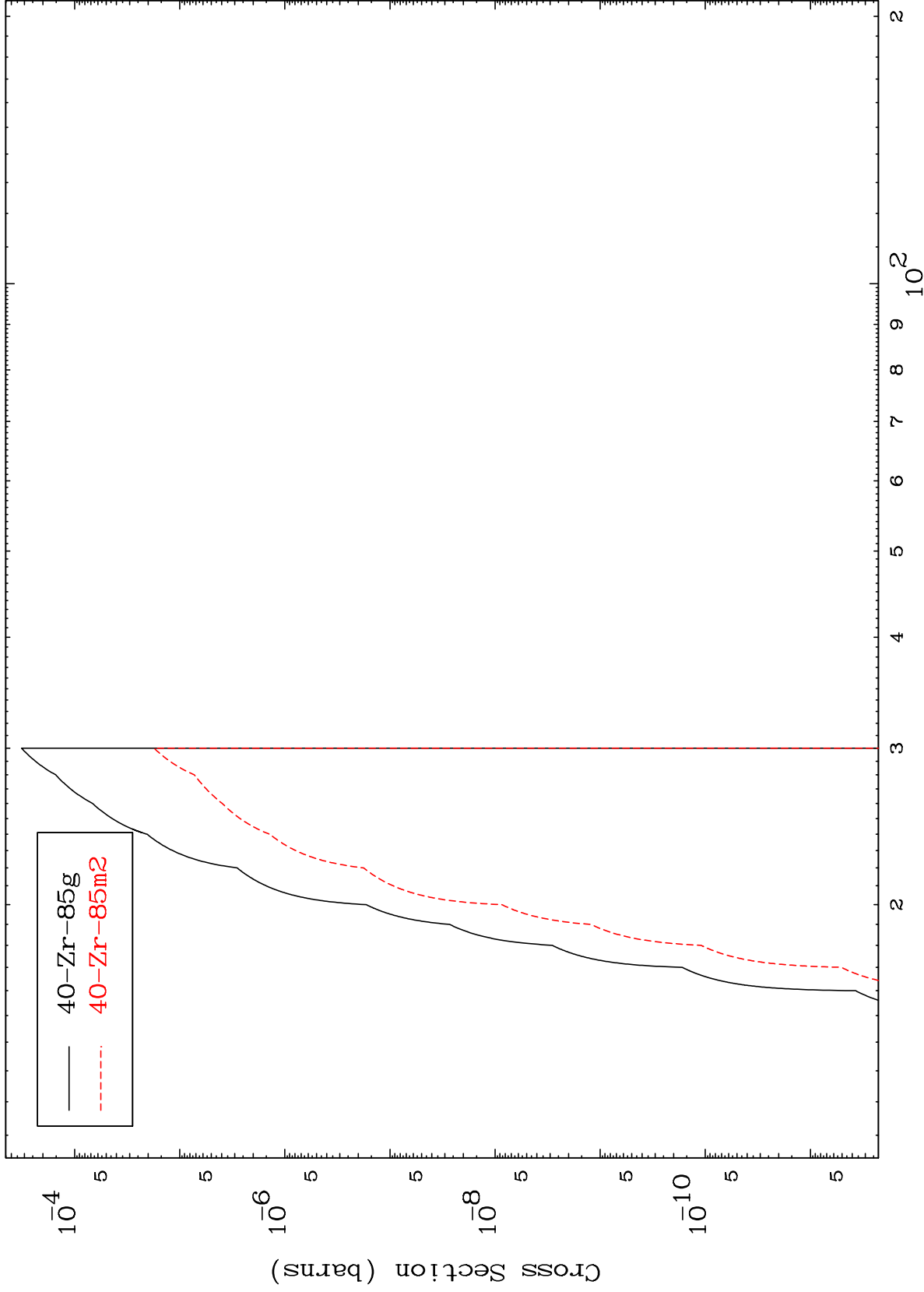
41-Nb-87

MAT 4107

(n,n') He-3

41-Nb-87

Radionuclide Production Cross Section



15

Incident Energy (MeV)

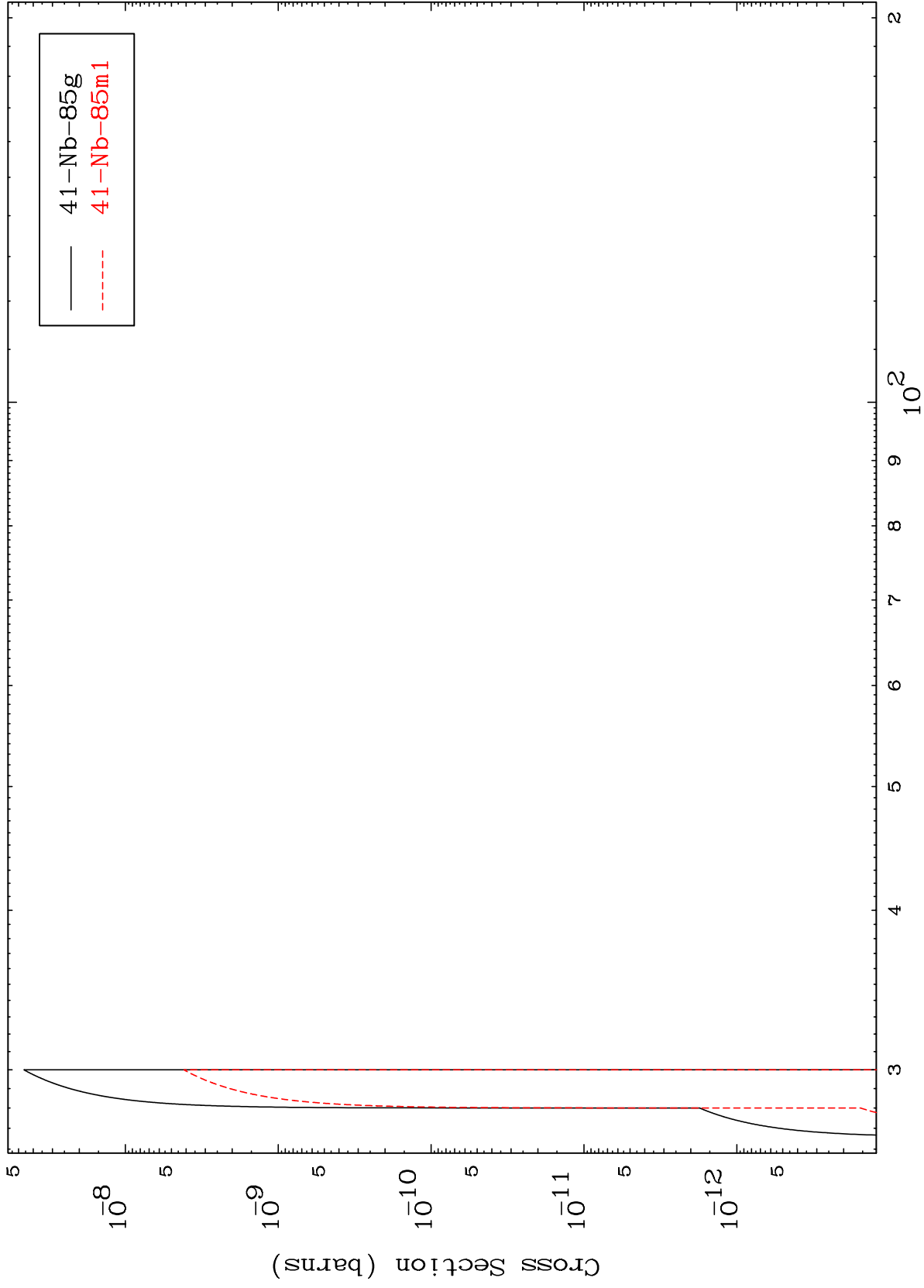
41-Nb-87

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(n,3n) p

41-Nb-87

Radionuclide Production Cross Section



16

Incident Energy (MeV)

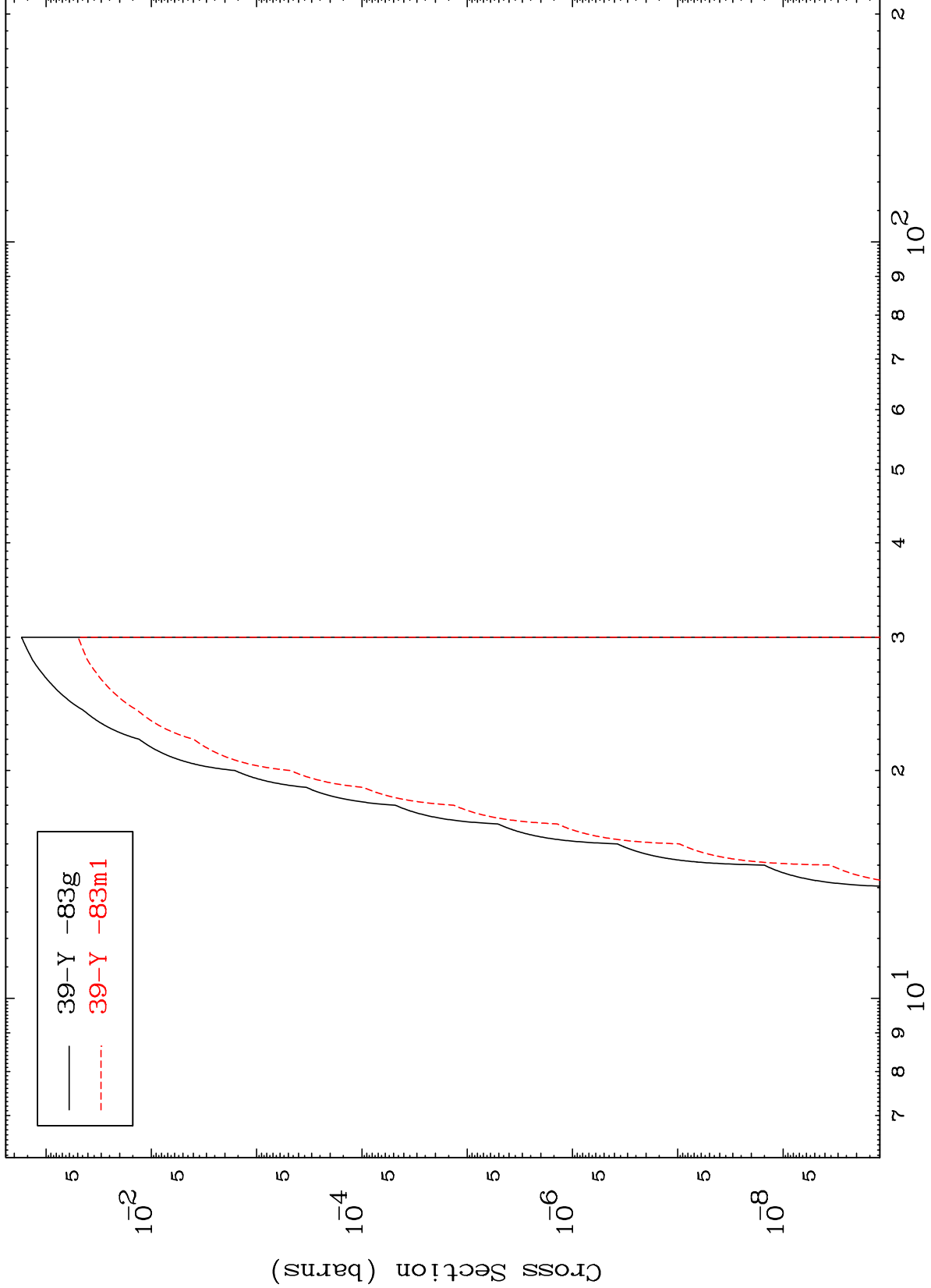
41-Nb-87

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(n,n') p α

41-Nb-87

Radionuclide Production Cross Section



17

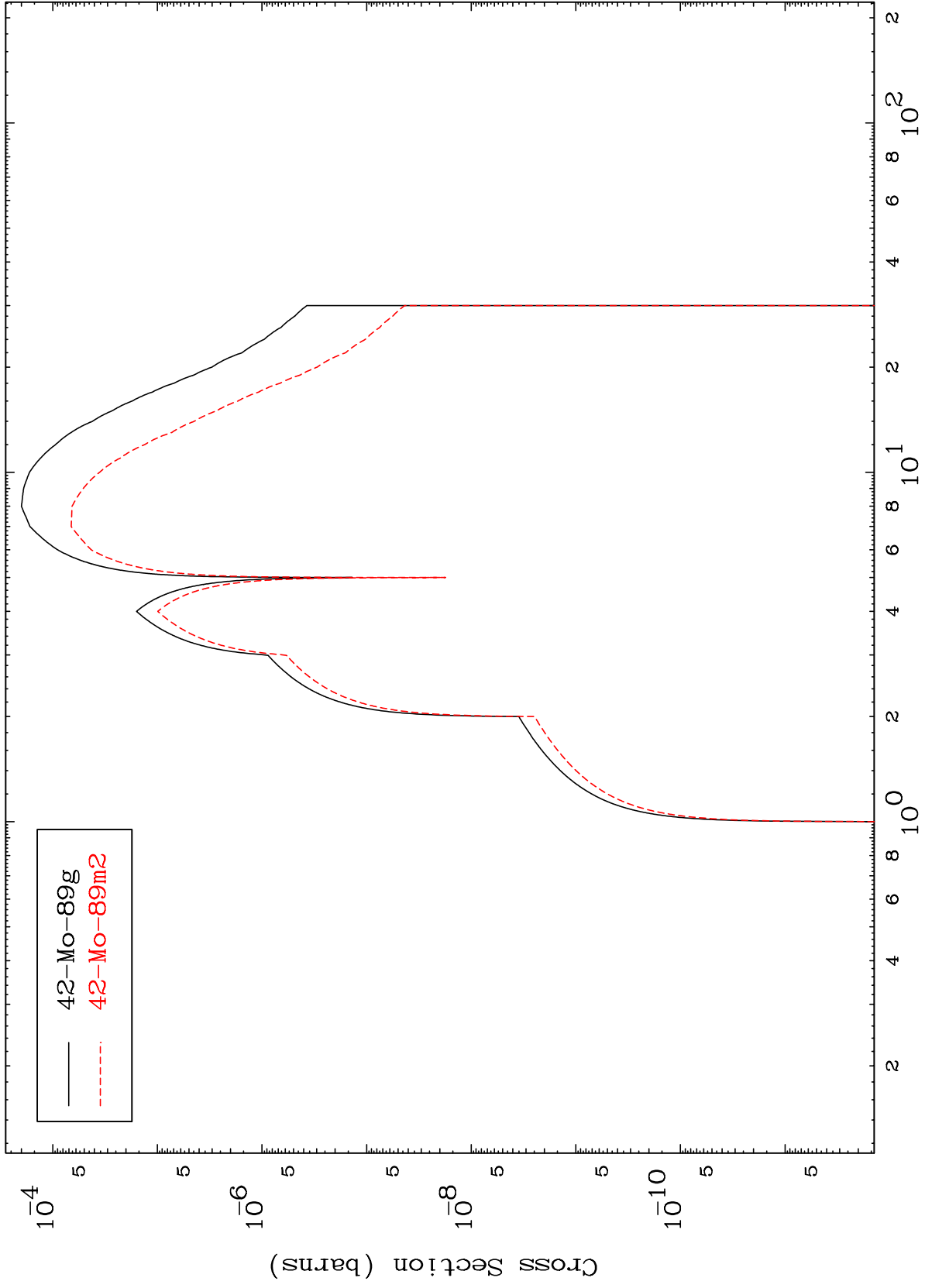
Incident Energy (MeV)

41-Nb-87

MAT 4107

41-Nb-87

(n, γ)
Radionuclide Production Cross Section



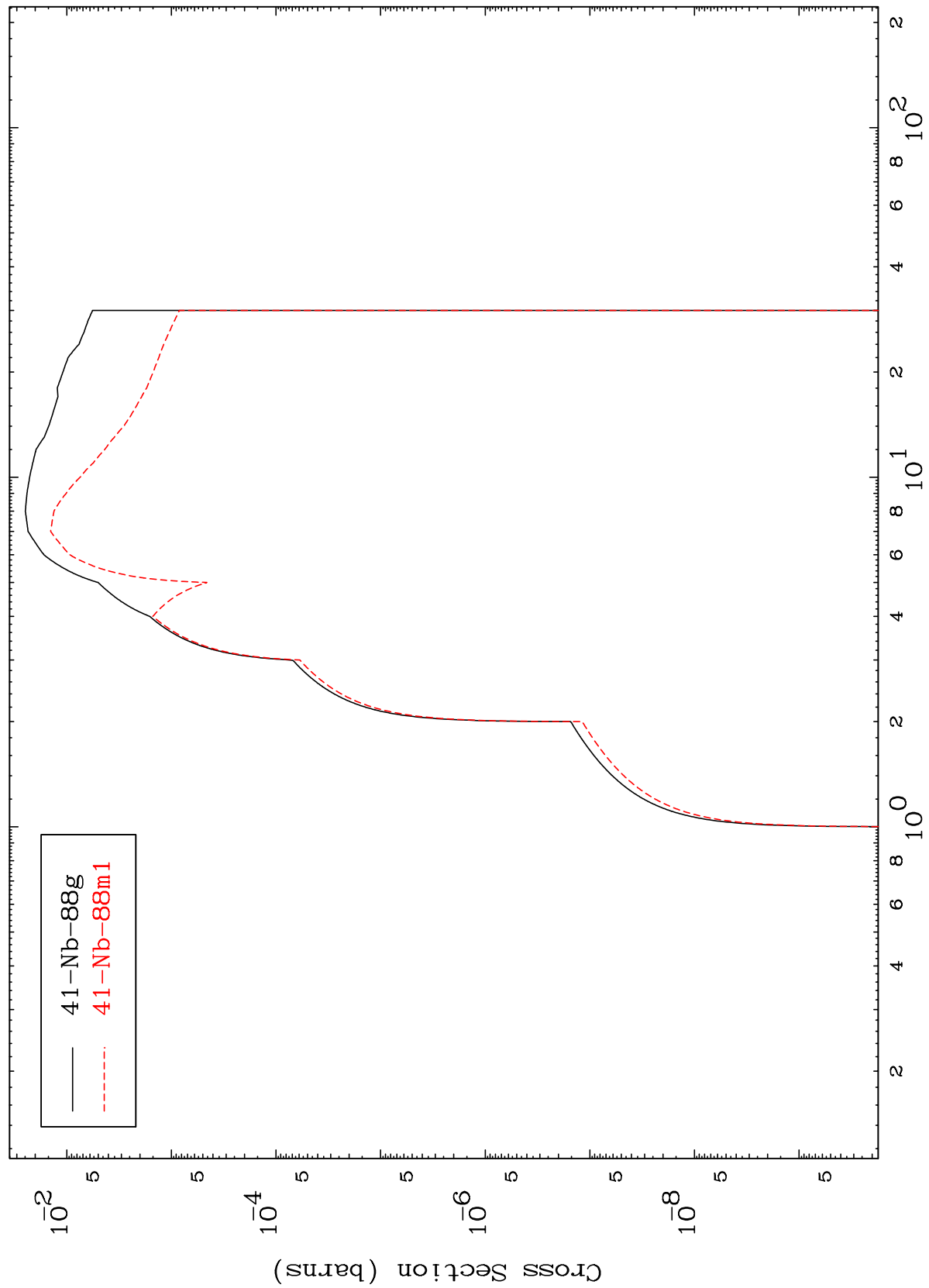
18

41-Nb-87

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41-Nb-87

Radionuclide Production Cross Section
(n,p)

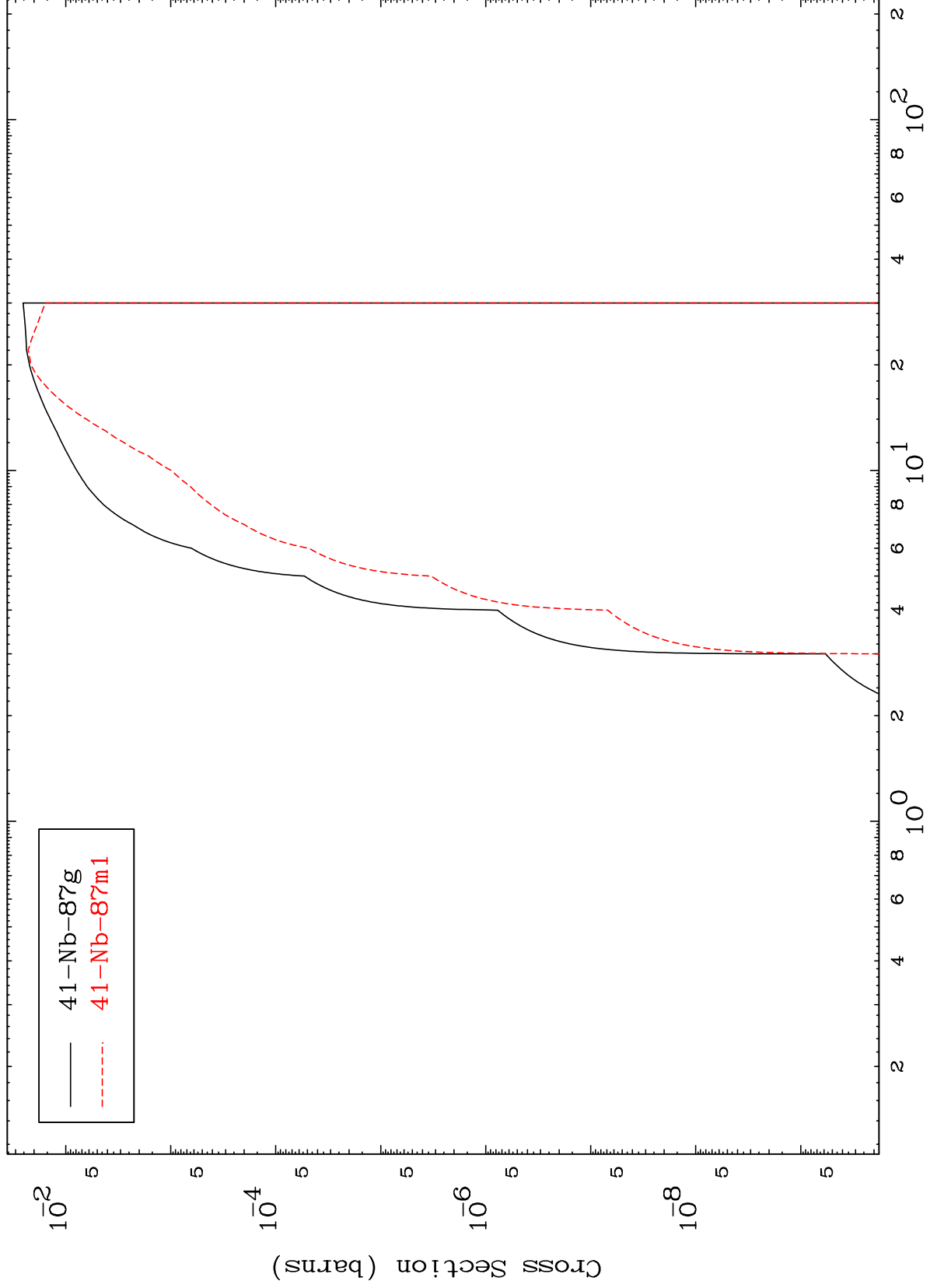


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(n,d)

41-Nb-87

Radionuclide Production Cross Section



20

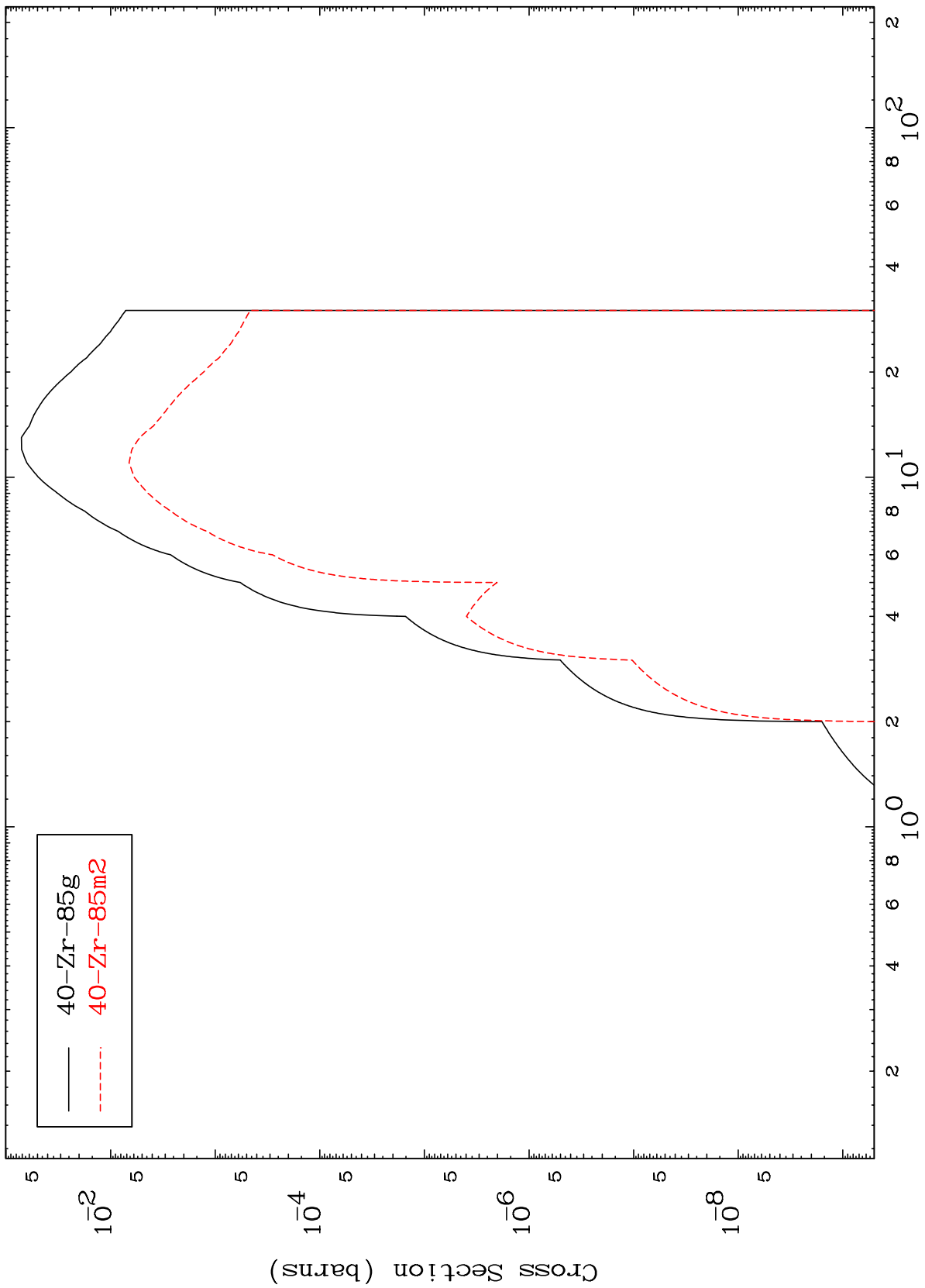
Incident Energy (MeV)

41-Nb-87

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41-Nb-87

Radionuclide Production Cross Section
(n, α)

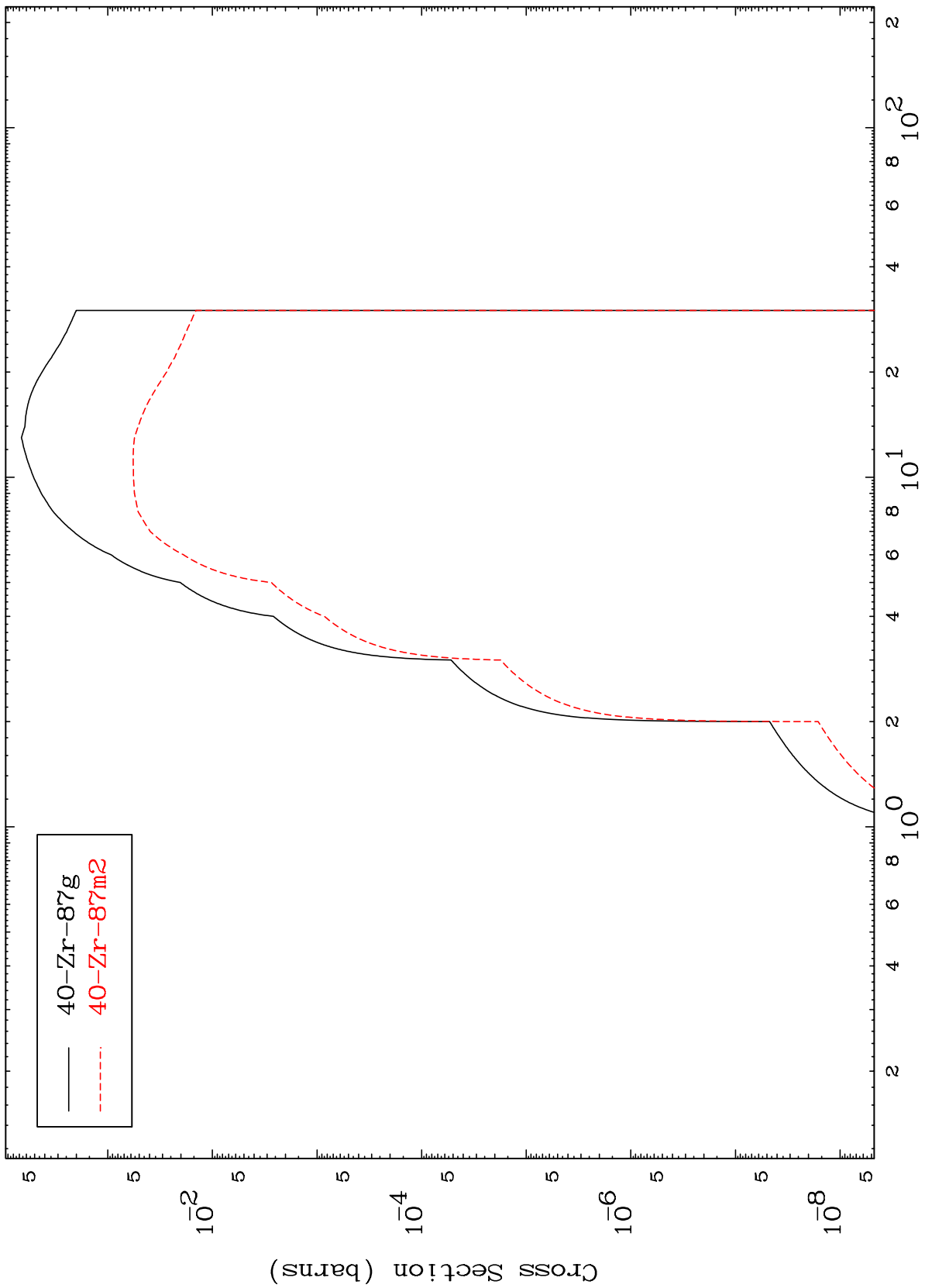


— 40-Zr-85g
- - - 40-Zr-85m2

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41-Nb-87

(n,2p)
Radionuclide Production Cross Section

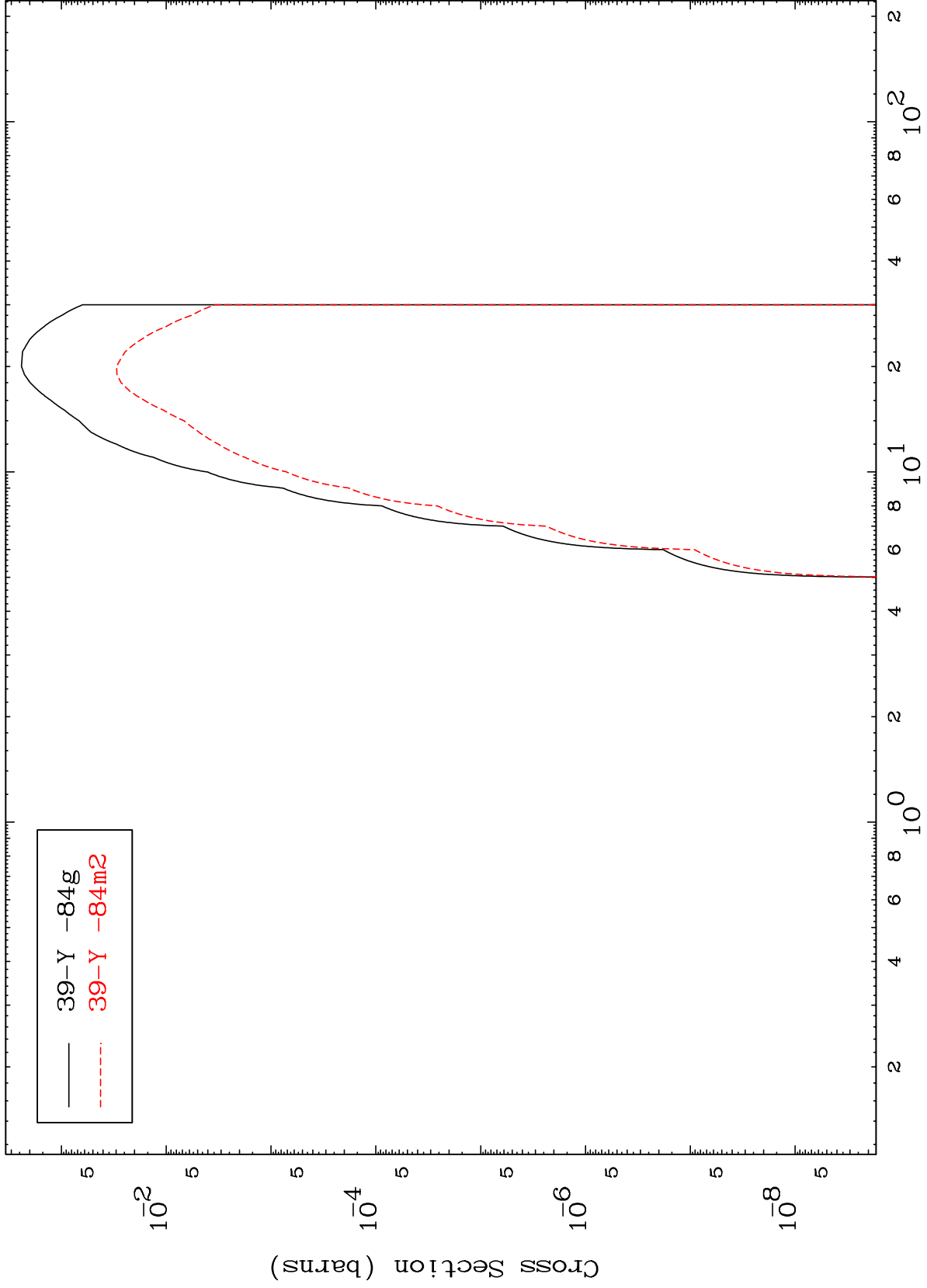


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(n,p) α

41-Nb-87

Radionuclide Production Cross Section

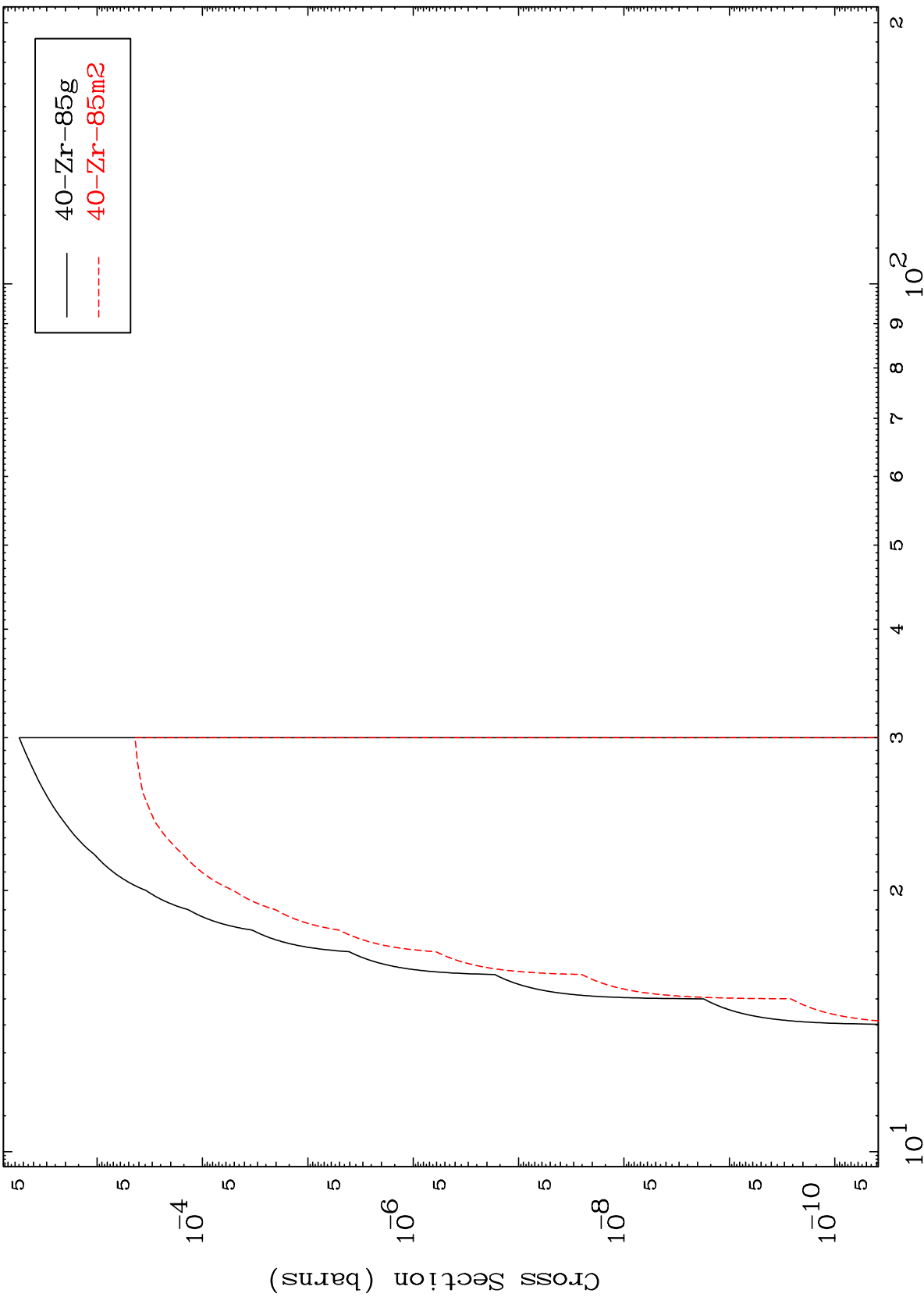


MAT 4107

(n,p) t

41-Nb-87

Radionuclide Production Cross Section



Incident Energy (MeV)

41-Nb-87

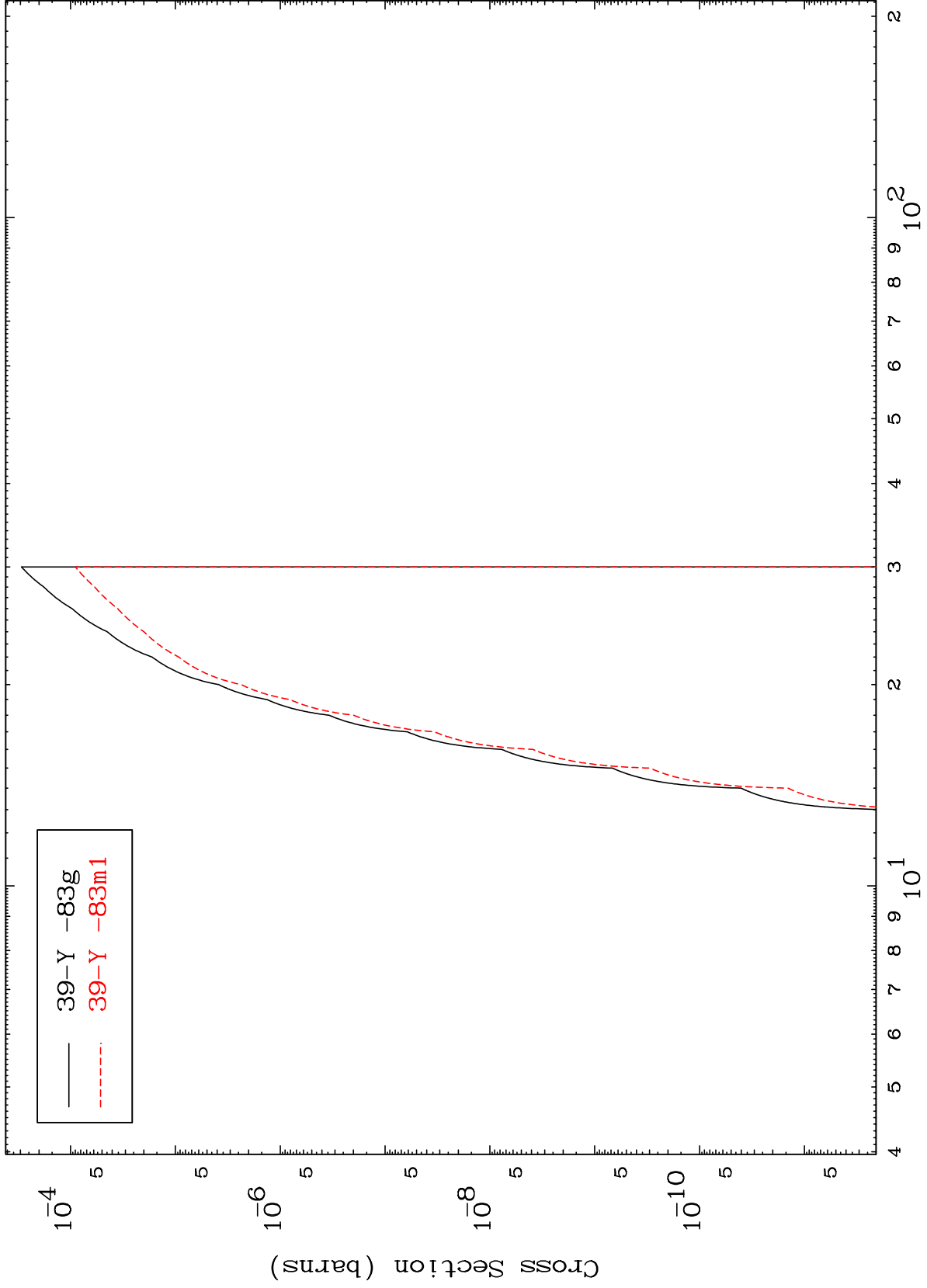
24

MAT 4107

(n,d) α

41-Nb-87

Radionuclide Production Cross Section



25

Incident Energy (MeV)

41-Nb-87