

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

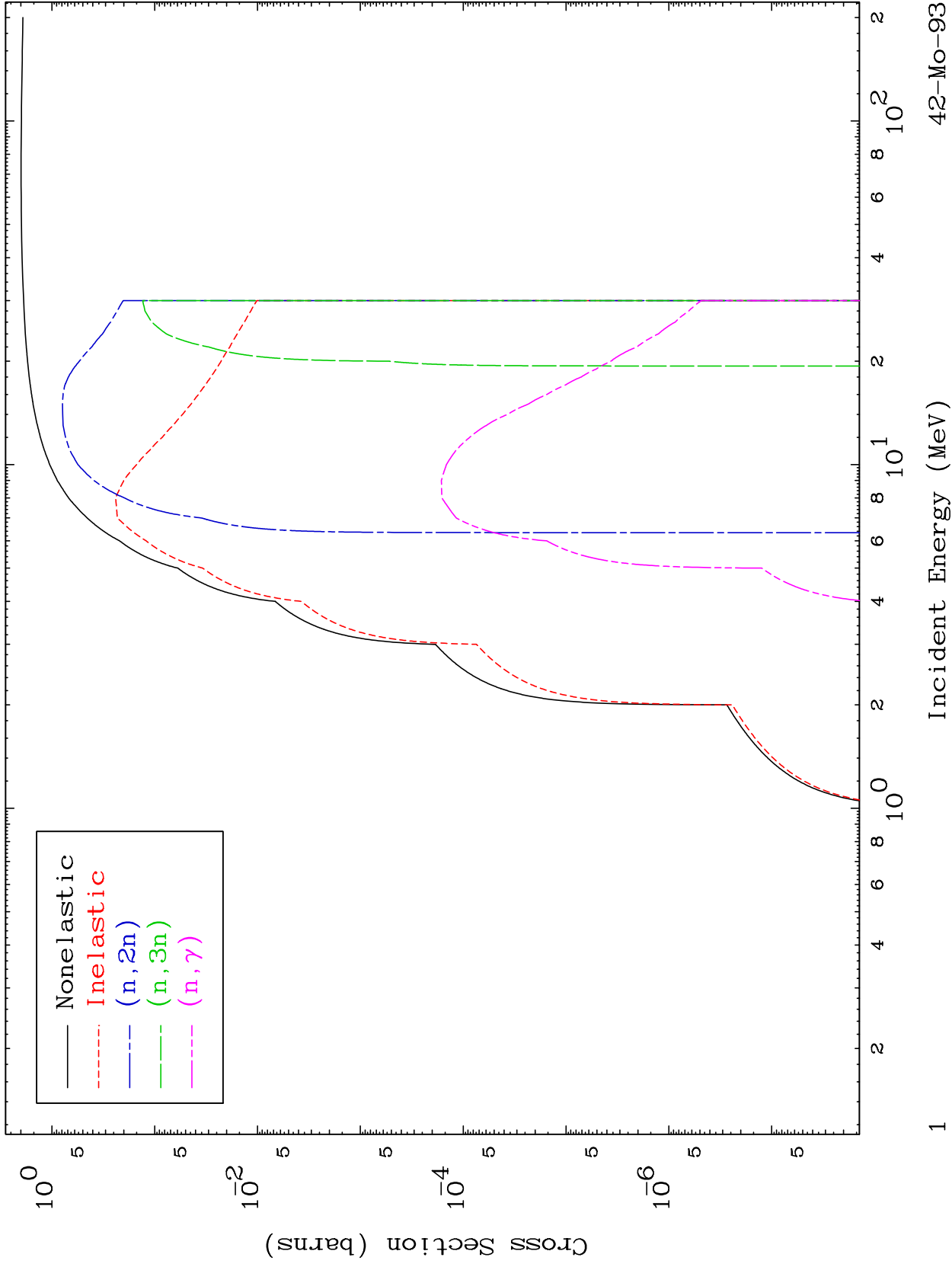
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

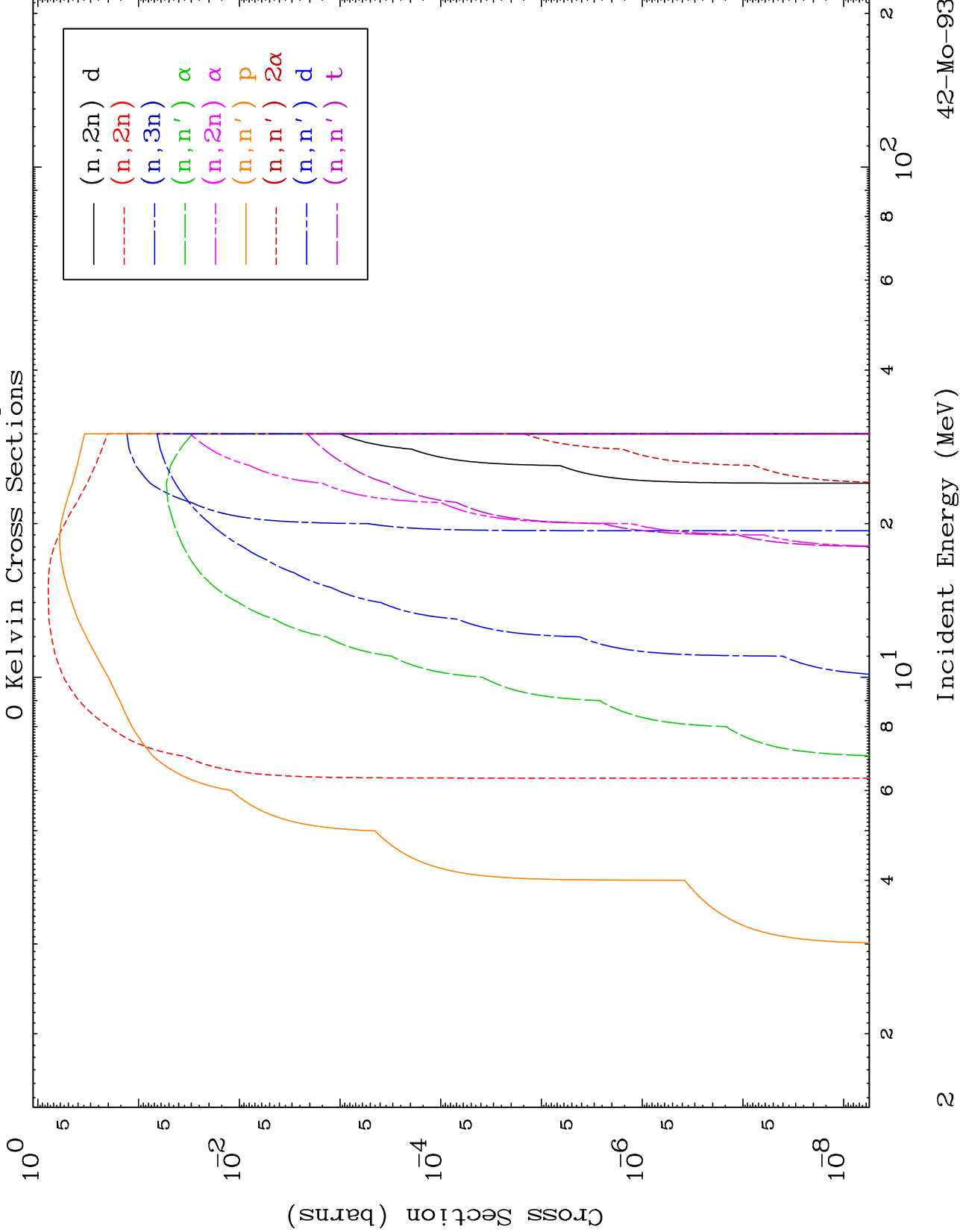
E.Mail: redcullen1@comcast.net

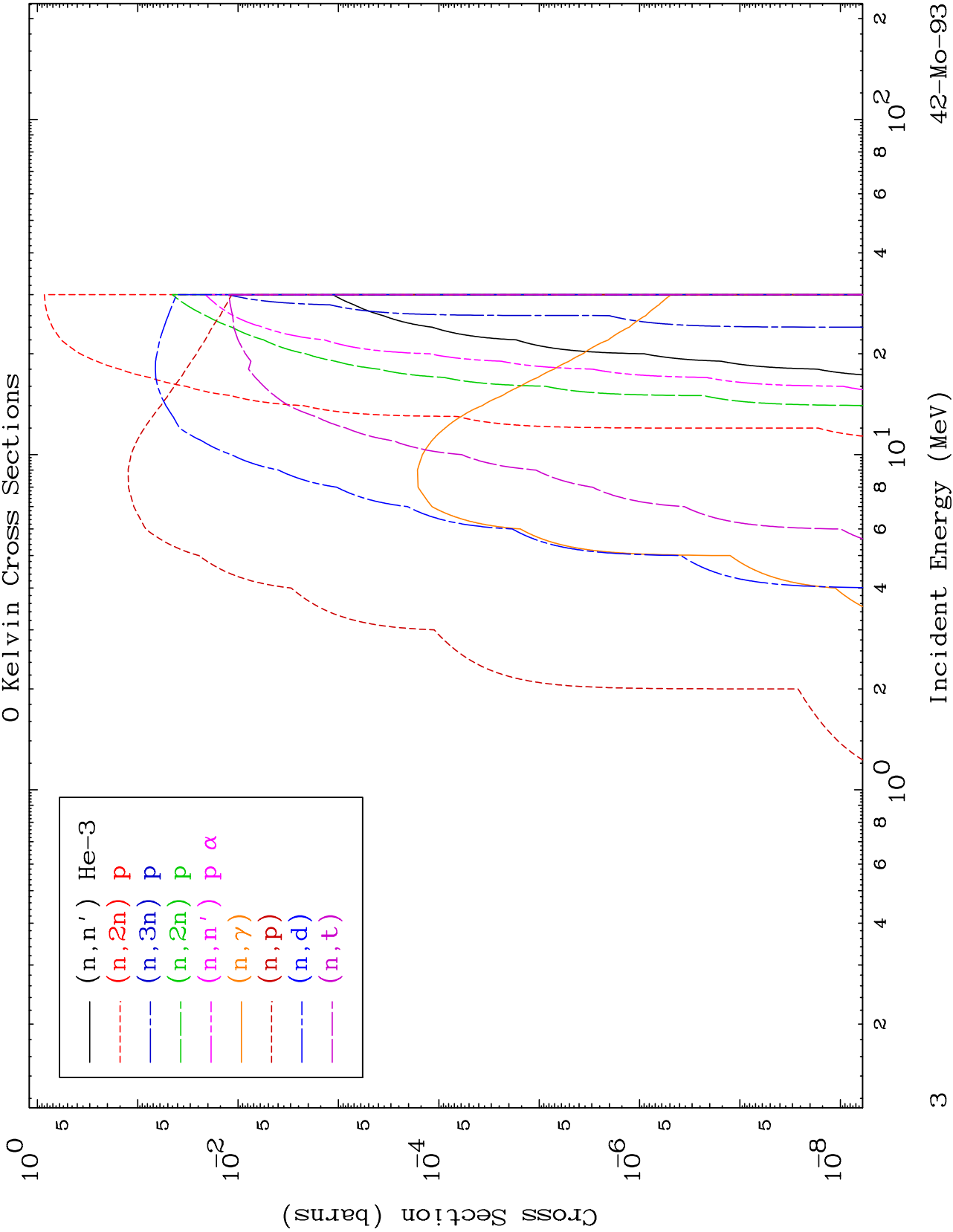
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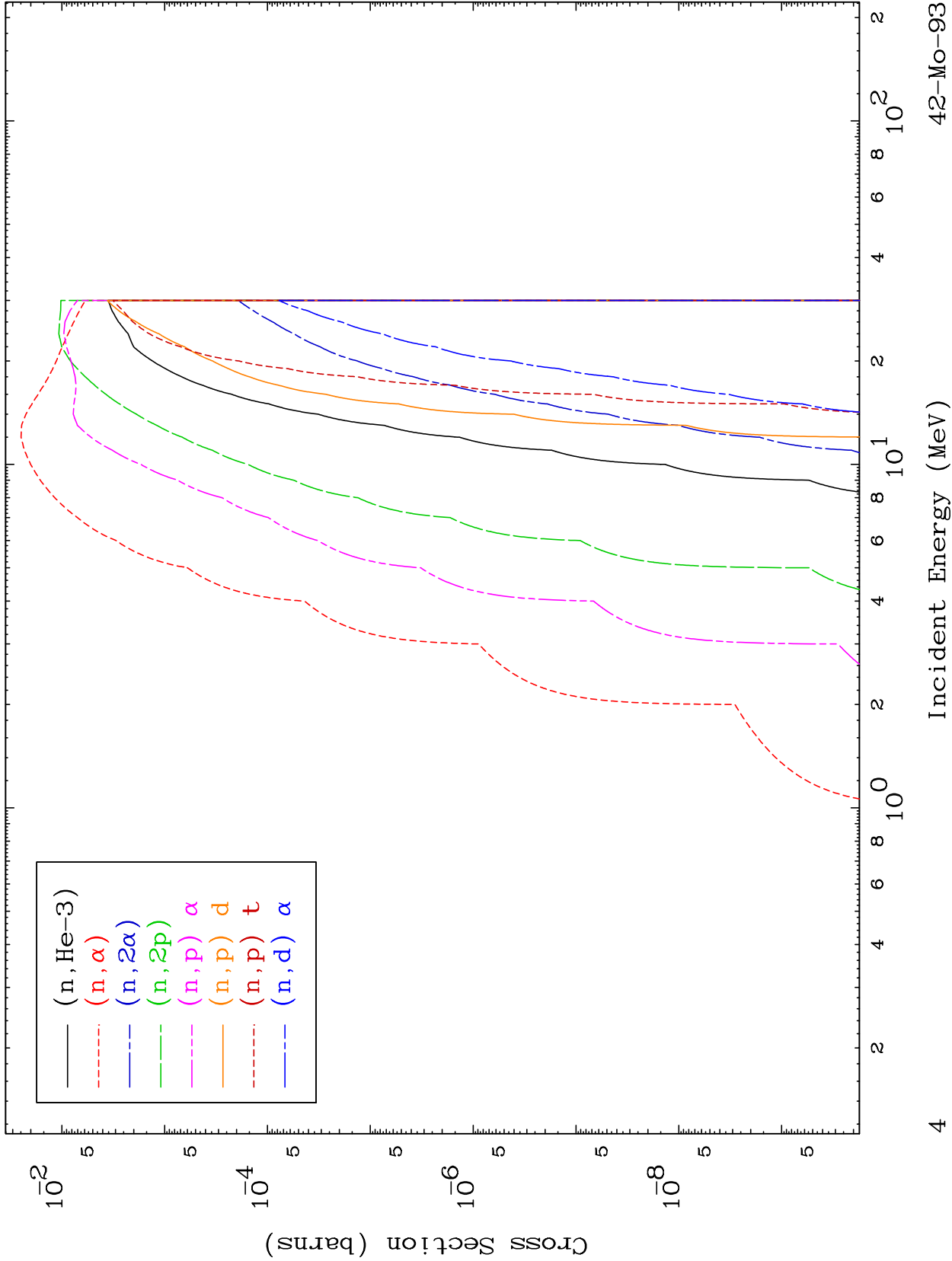
Press Mouse Button to Start

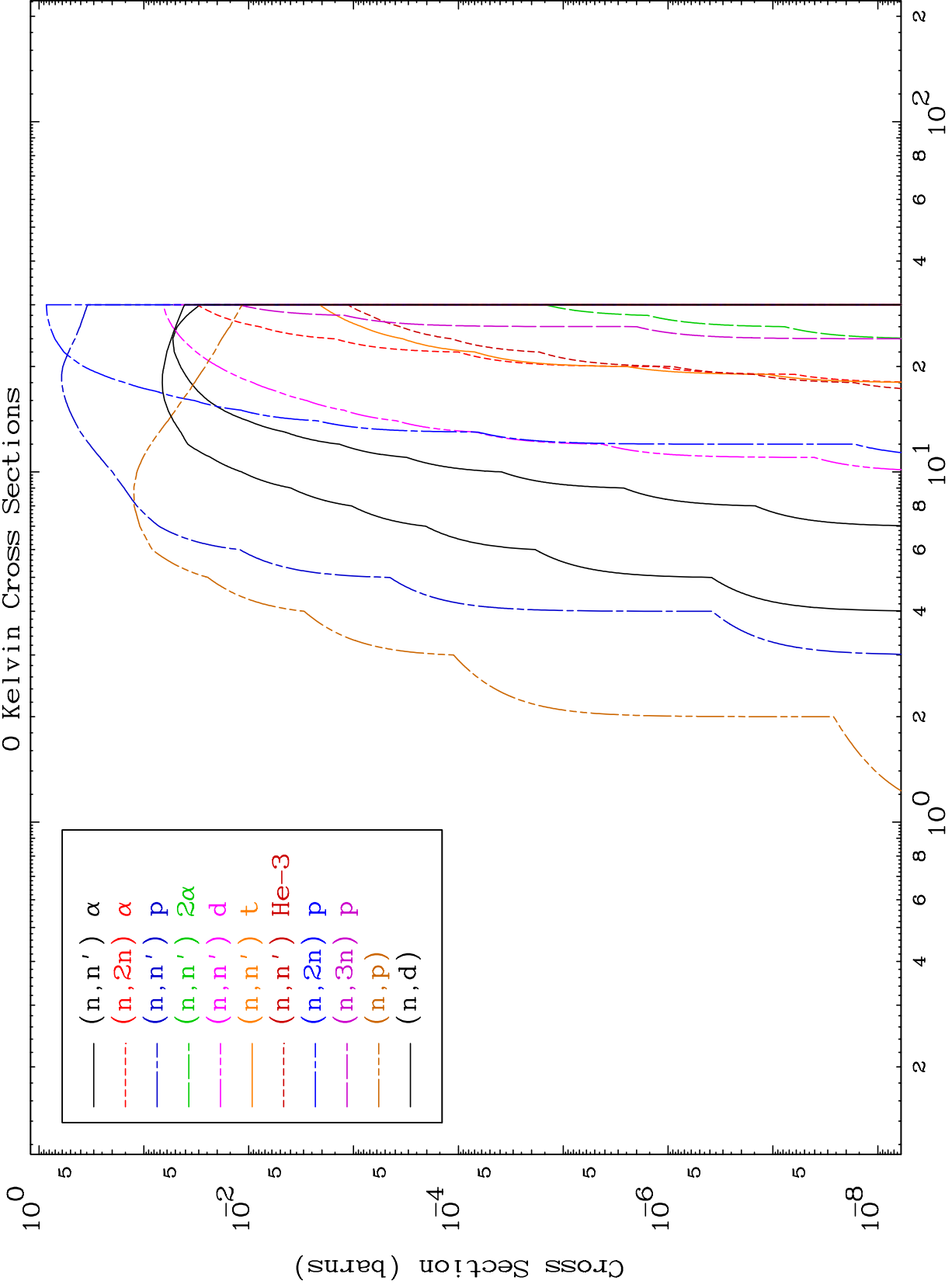


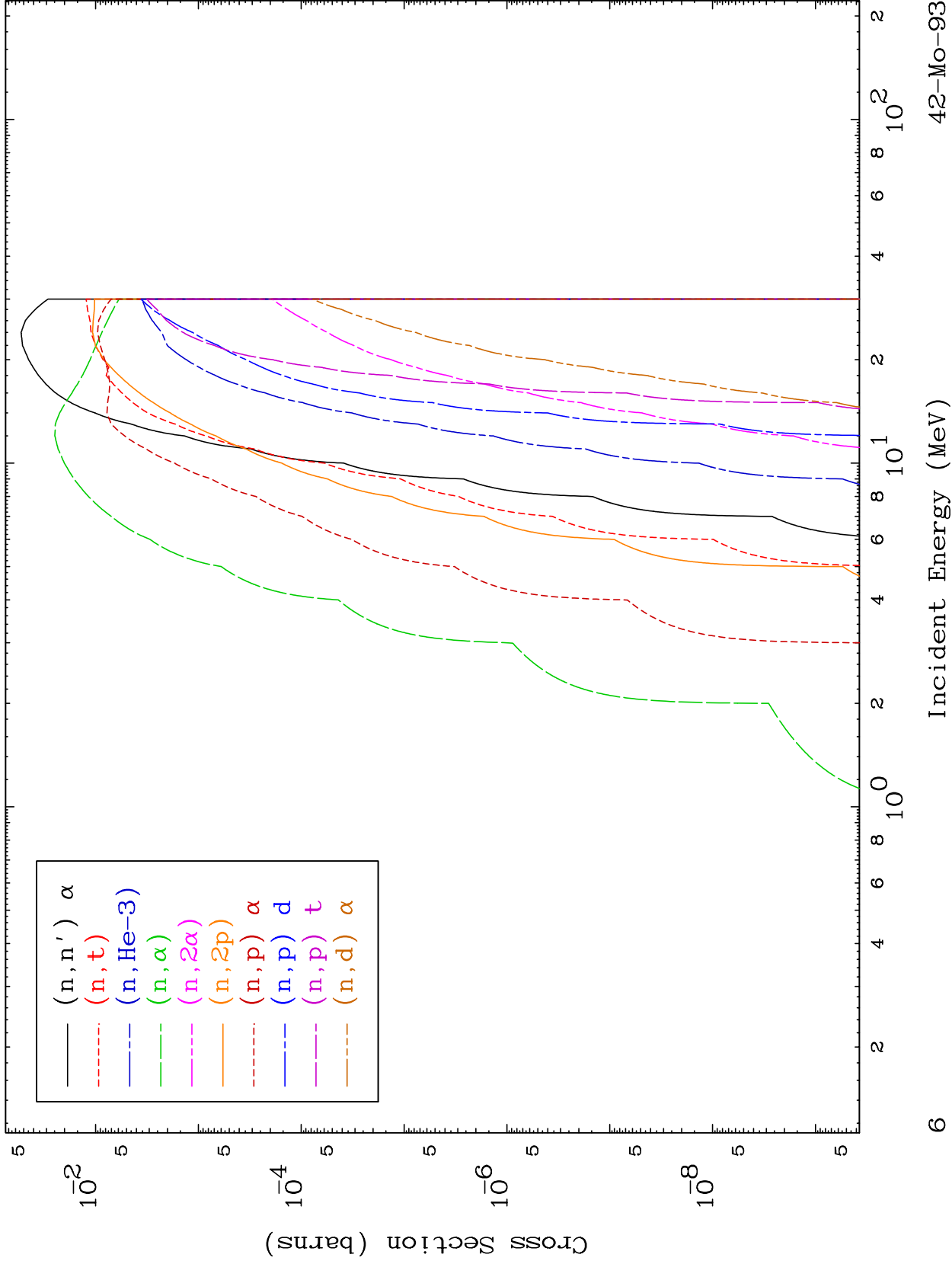
Deuteron Neutron Absorption
0 Kelvin Cross Sections







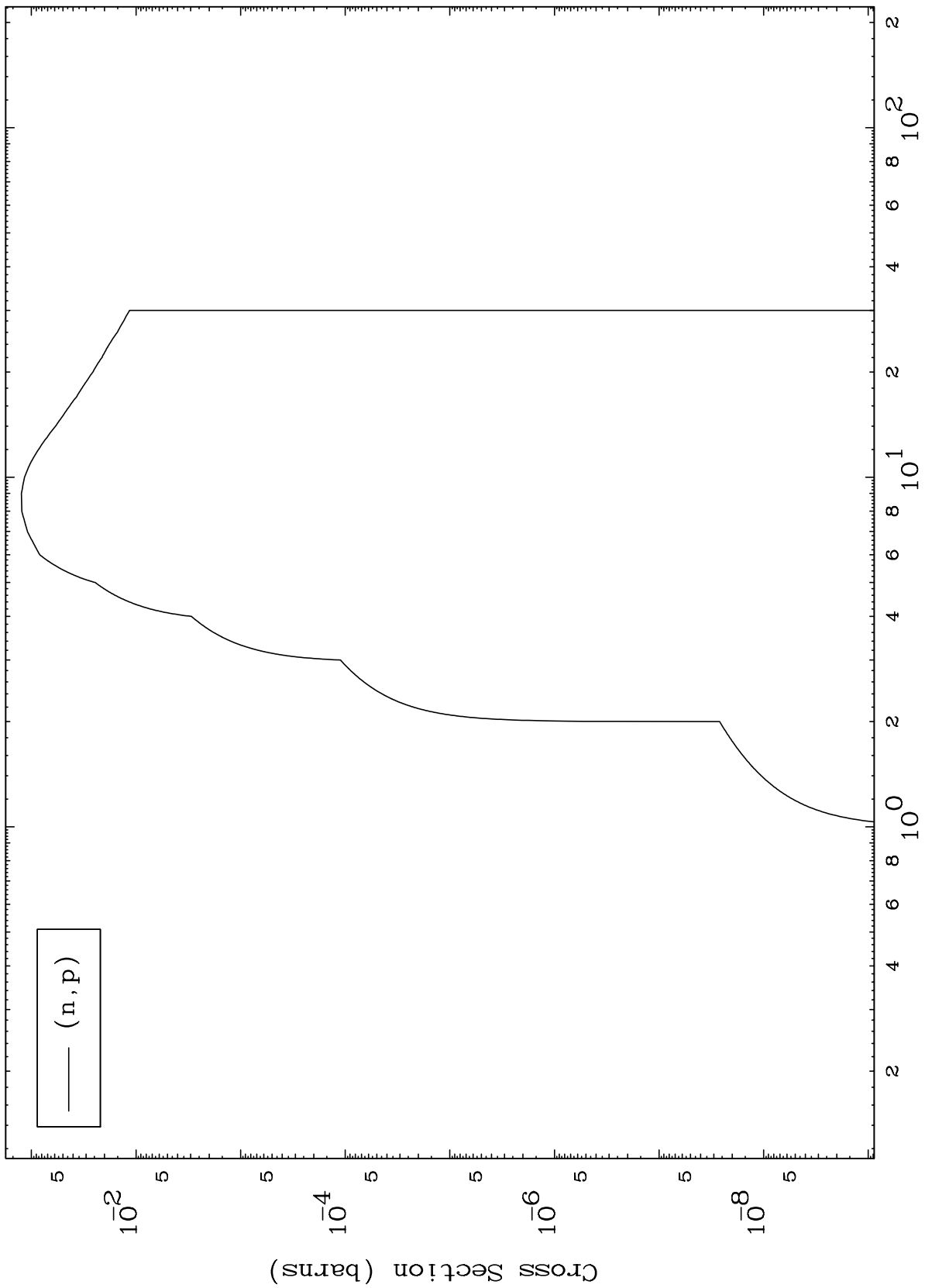




MAT 4228

42-Mo-93

(d,p) Levels
0 Kelvin Cross Sections

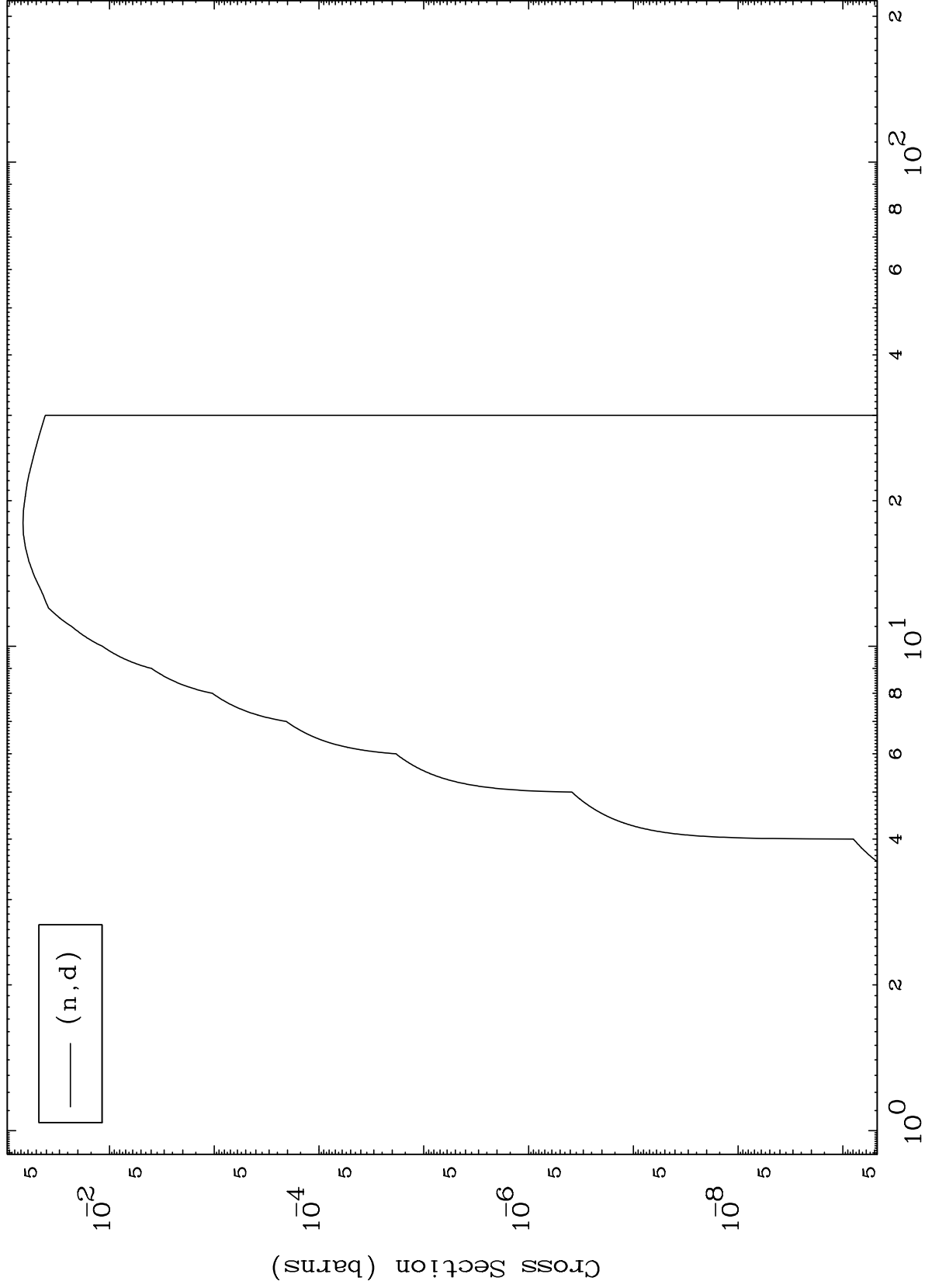


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(d,d) Levels

42-Mo-93

0 Kelvin Cross Sections



Incident Energy (MeV)

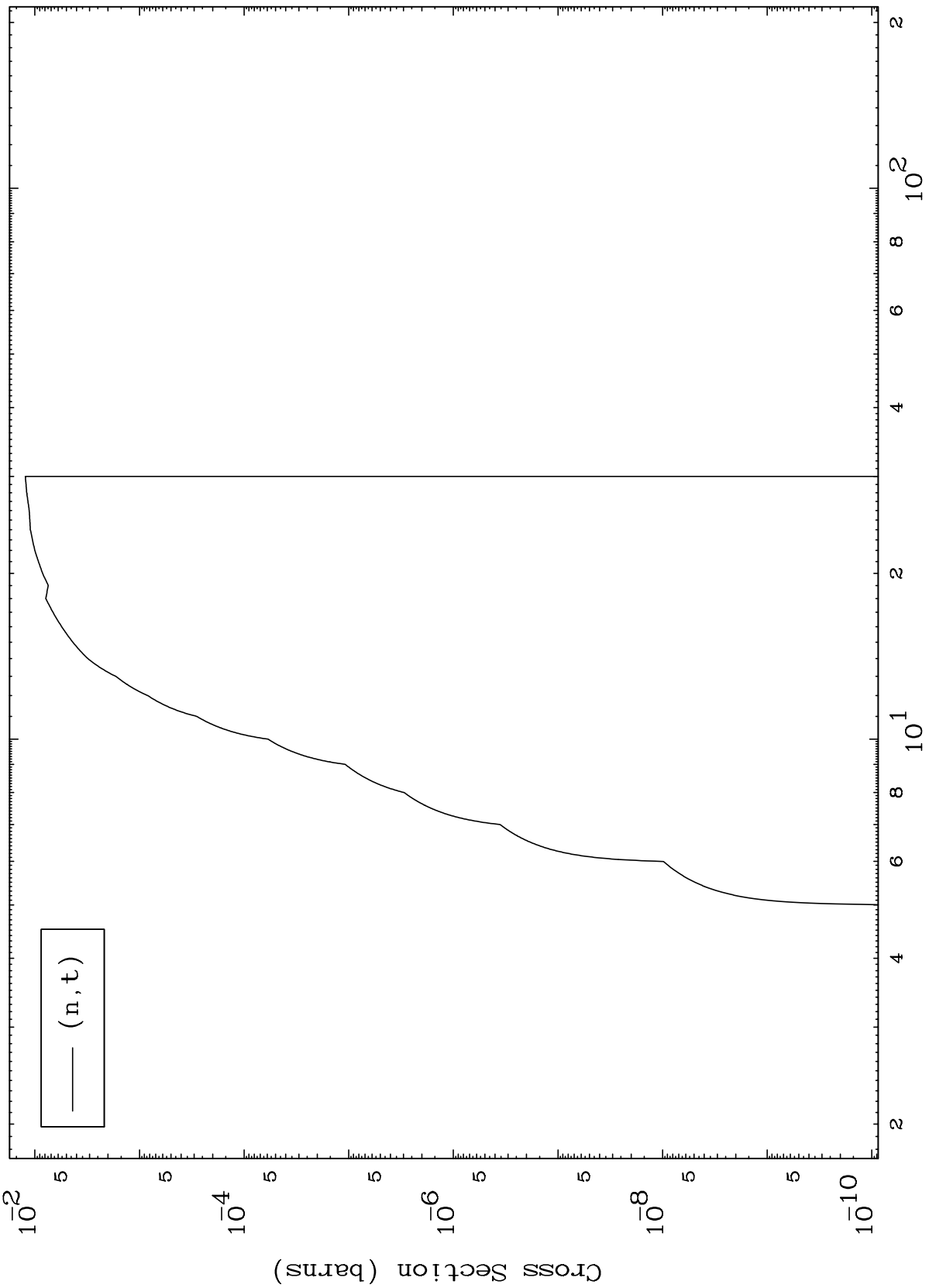
42-Mo-93

MAT 4228

(d,t) Levels

42-Mo-93

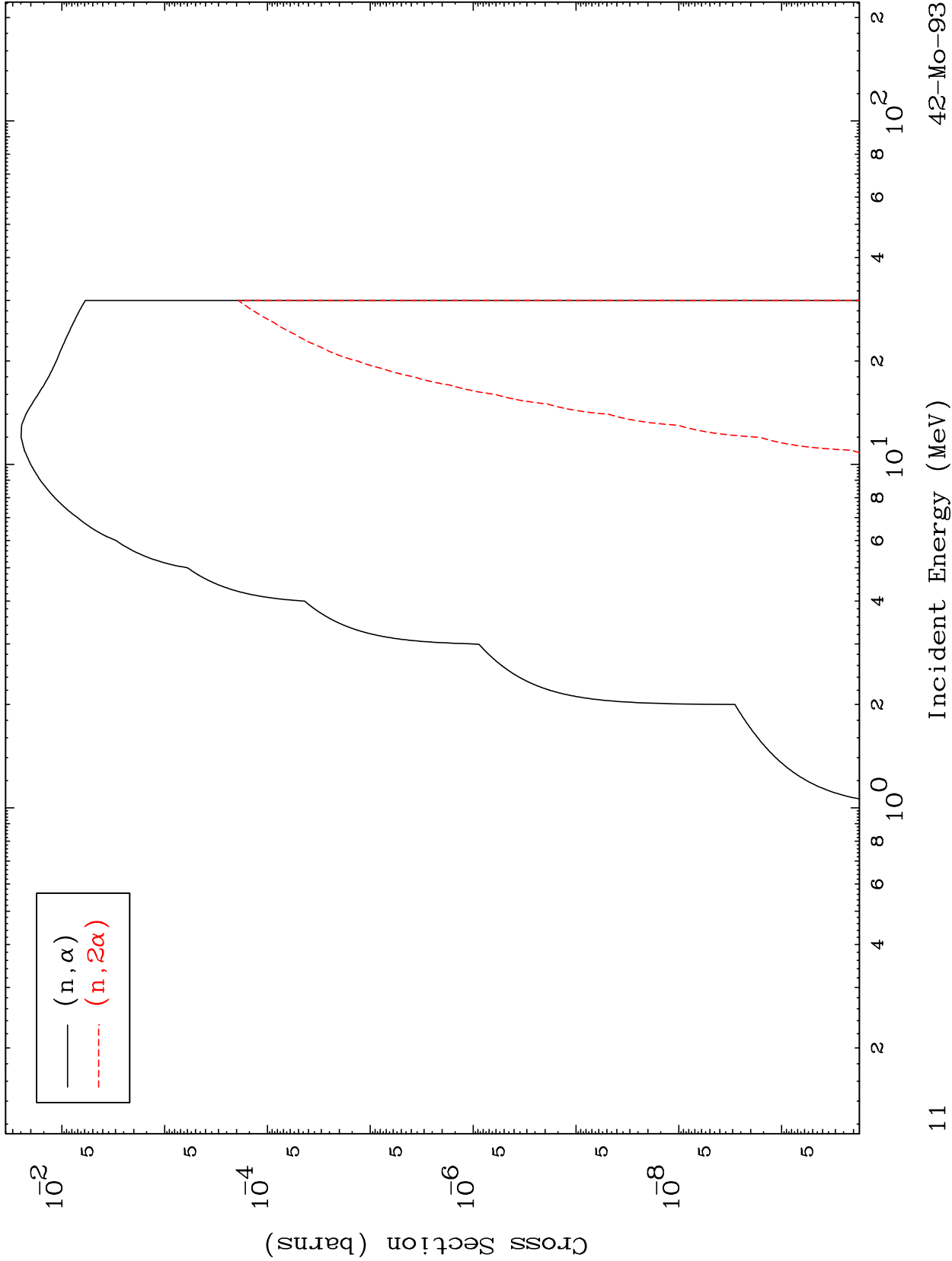
0 Kelvin Cross Sections



9

Incident Energy (MeV)

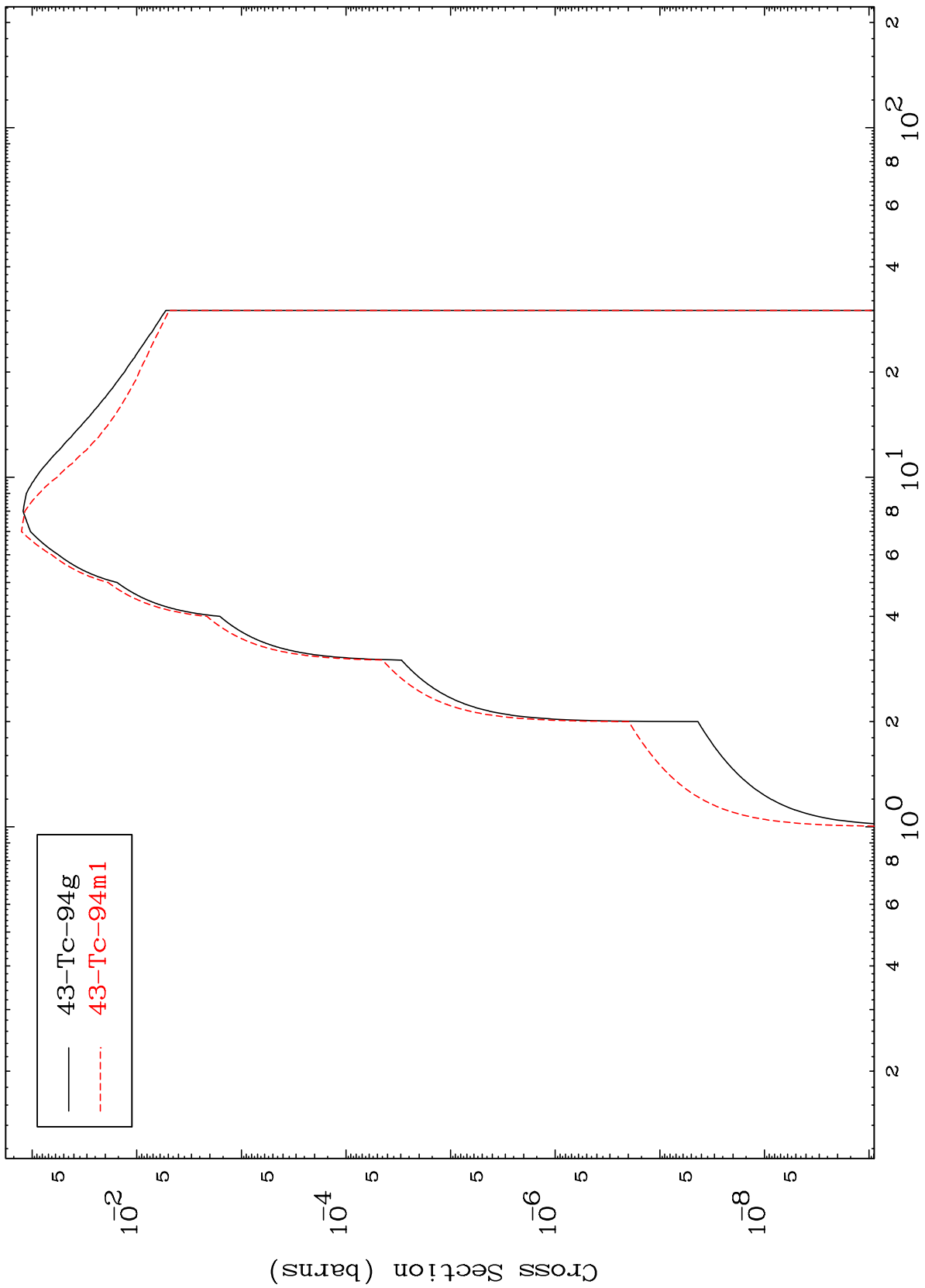
42-Mo-93



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42-Mo-93

Radionuclide Production Cross Section



— 43-Tc-94g
- - - 43-Tc-94m1

42-Mo-93

Incident Energy (MeV)

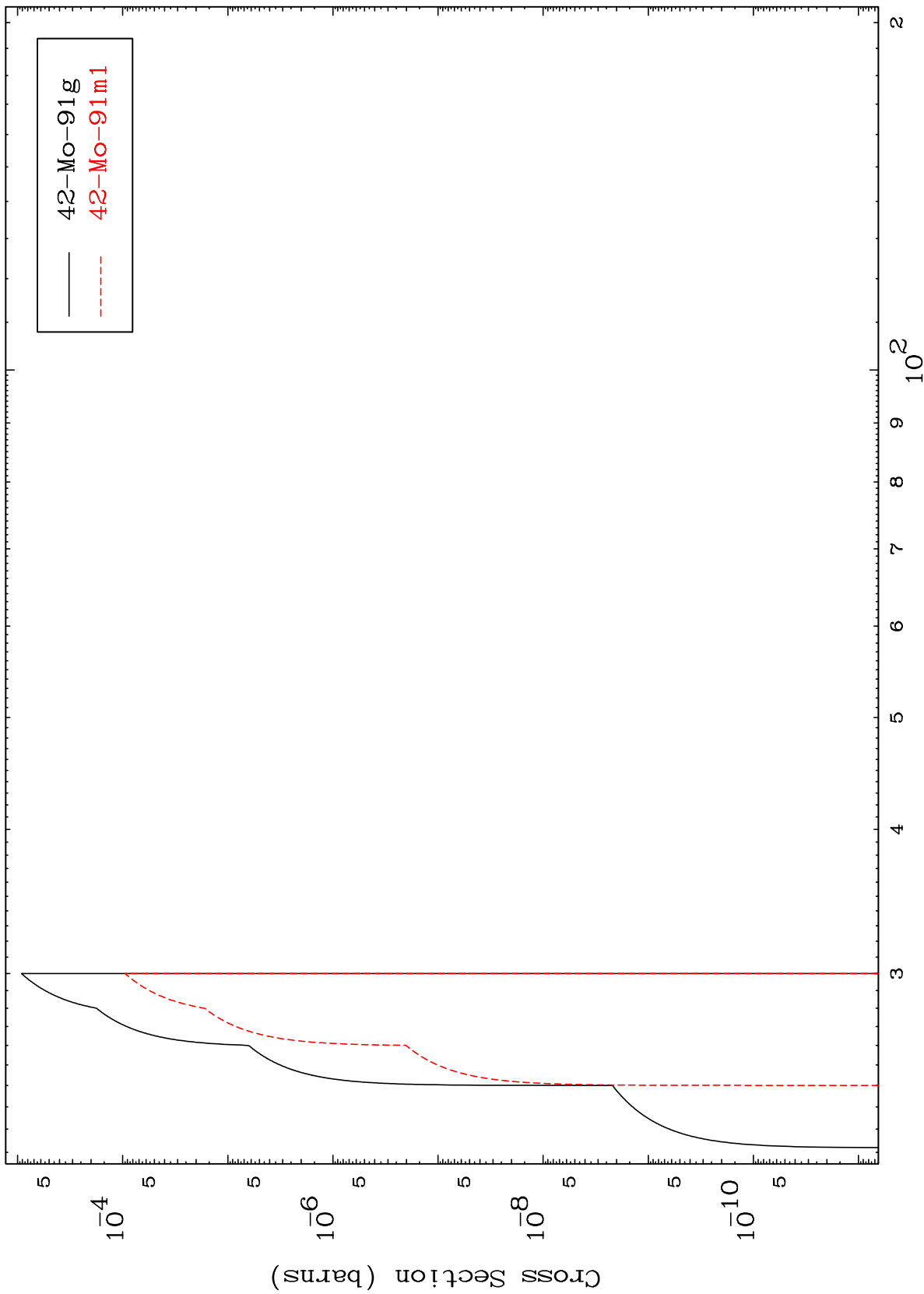
12

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(n,2n) d

42-Mo-93

Radionuclide Production Cross Section



13

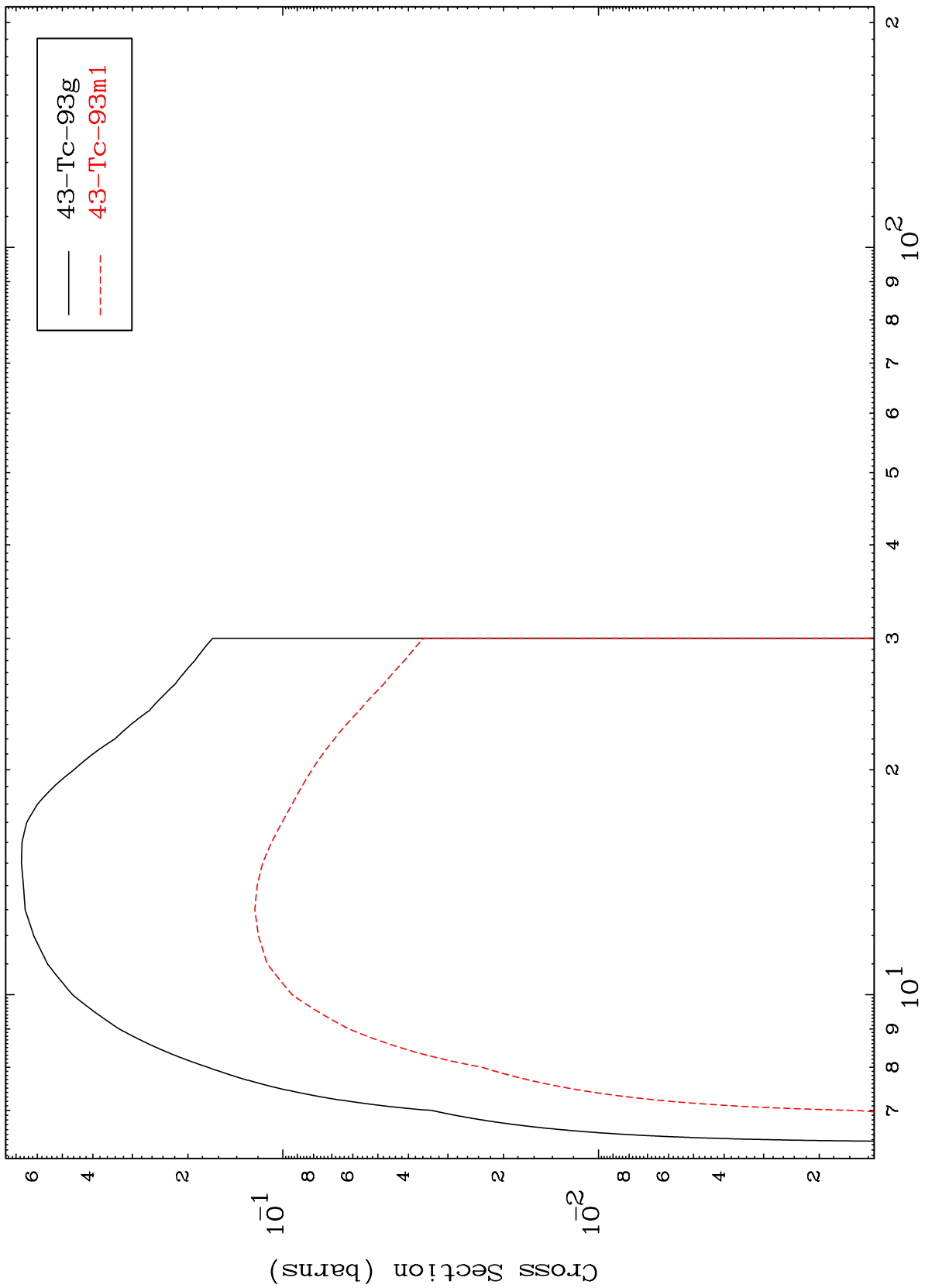
Incident Energy (MeV)

42-Mo-93

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42-Mo-93

(n,2n)
Radionuclide Production Cross Section



— 43-Tc-93g
- - - 43-Tc-93m1

14

Incident Energy (MeV)

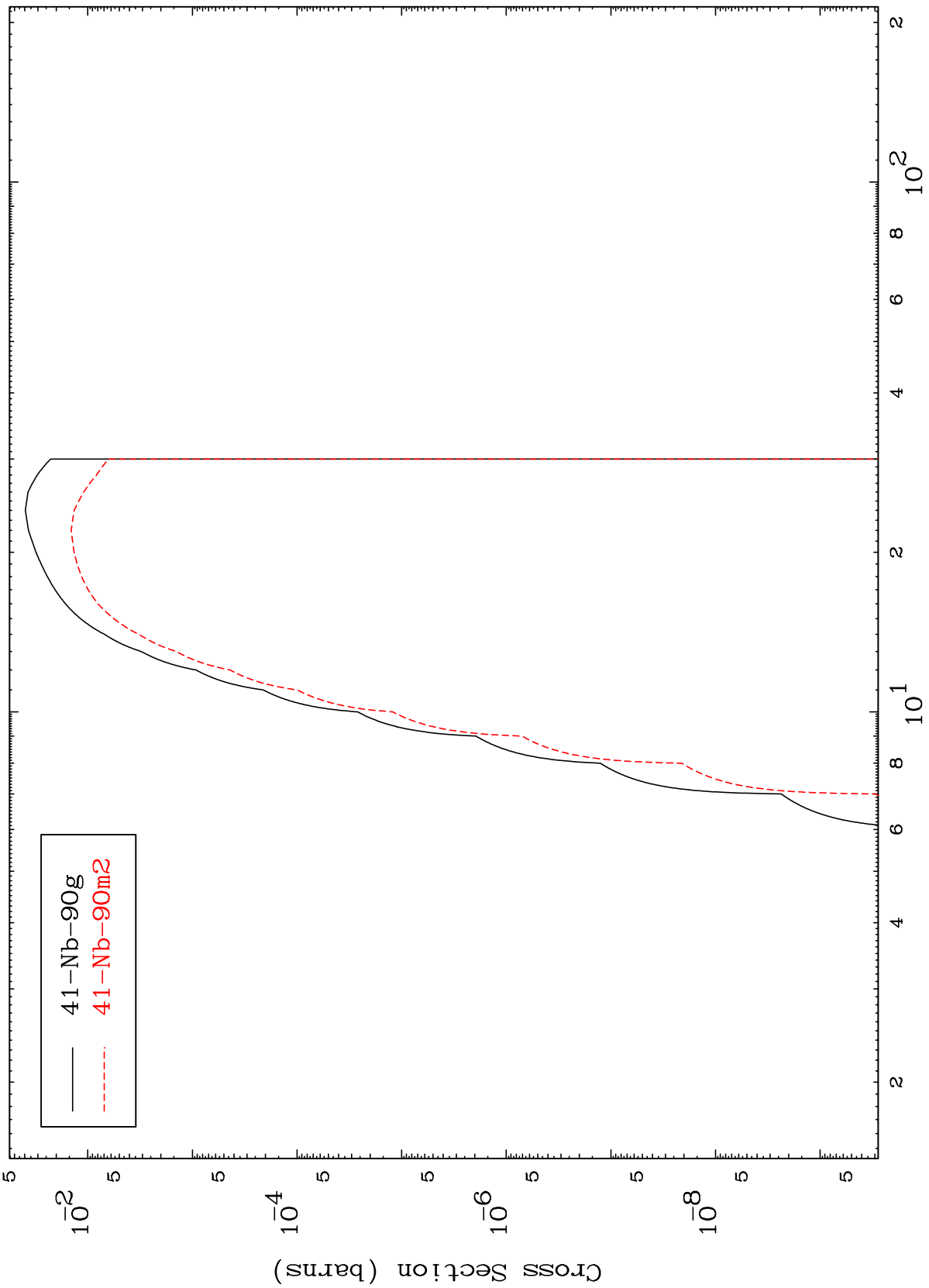
42-Mo-93

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(n,n') α

42-Mo-93

Radionuclide Production Cross Section



15

Incident Energy (MeV)

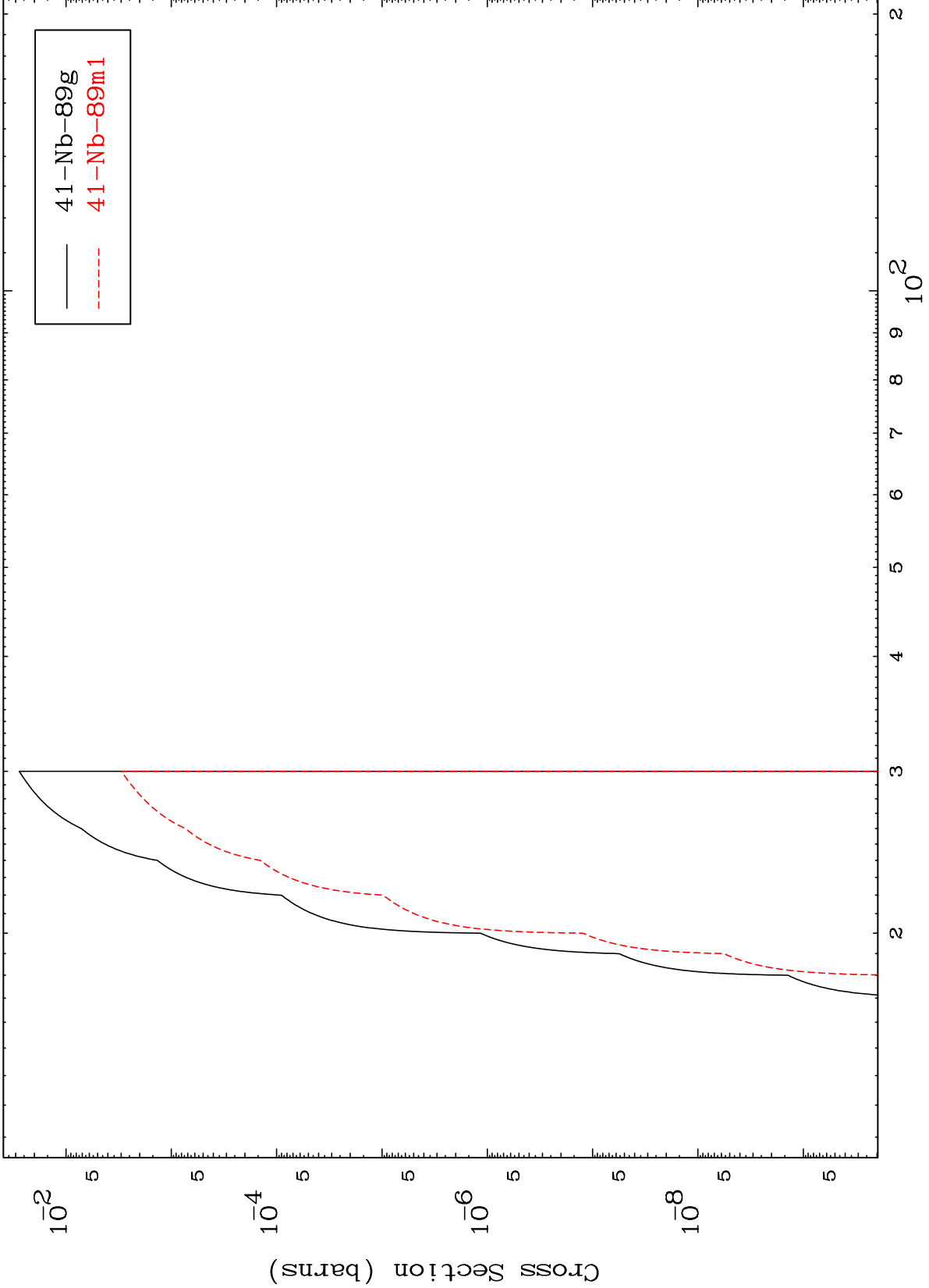
42-Mo-93

MAT 4228

(n,2n) α

42-Mo-93

Radionuclide Production Cross Section



41-Nb-89g
41-Nb-89m1

16

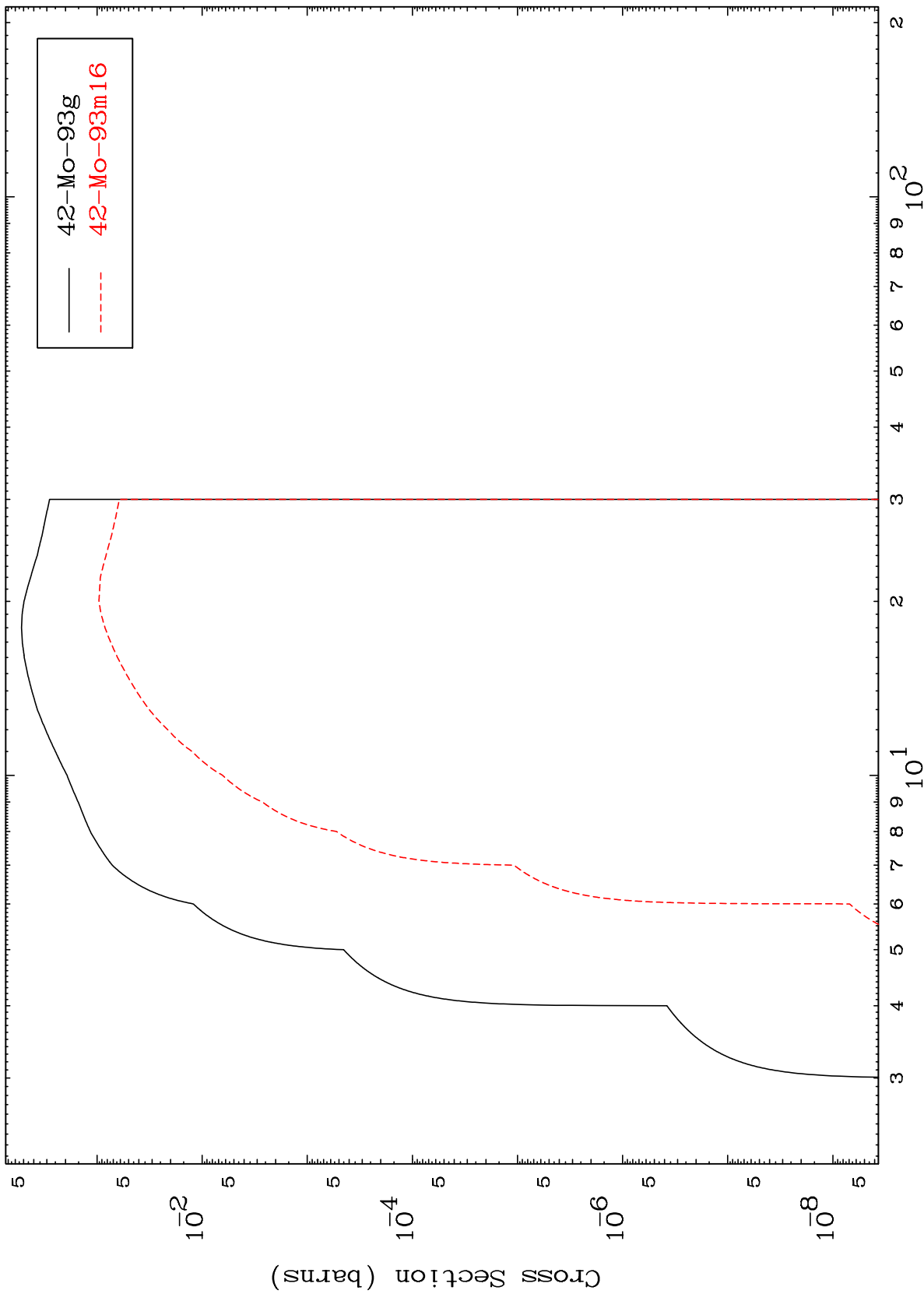
Incident Energy (MeV)

42-Mo-93

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42-Mo-93

(n,n') p
Radionuclide Production Cross Section

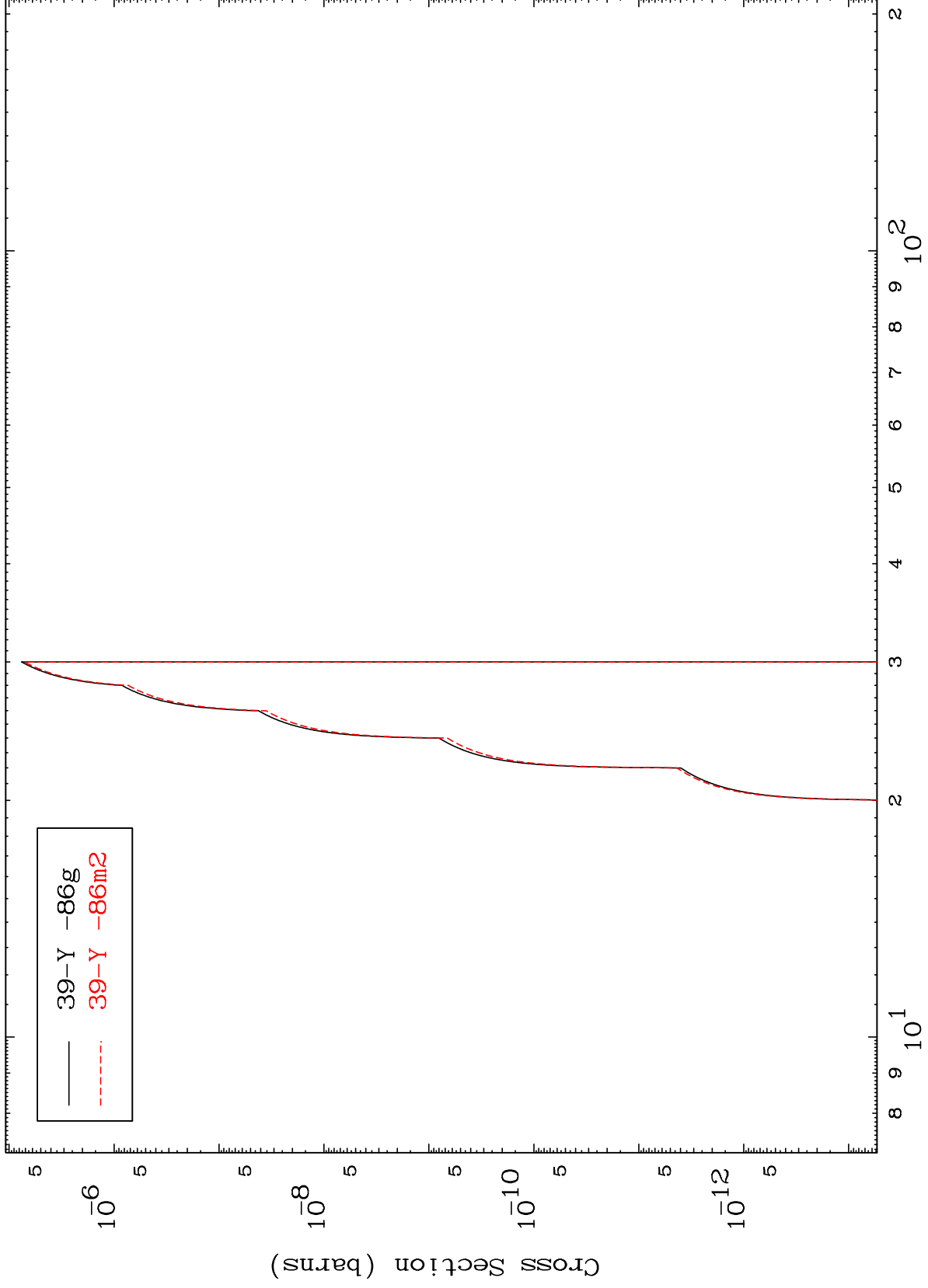


42-Mo-93

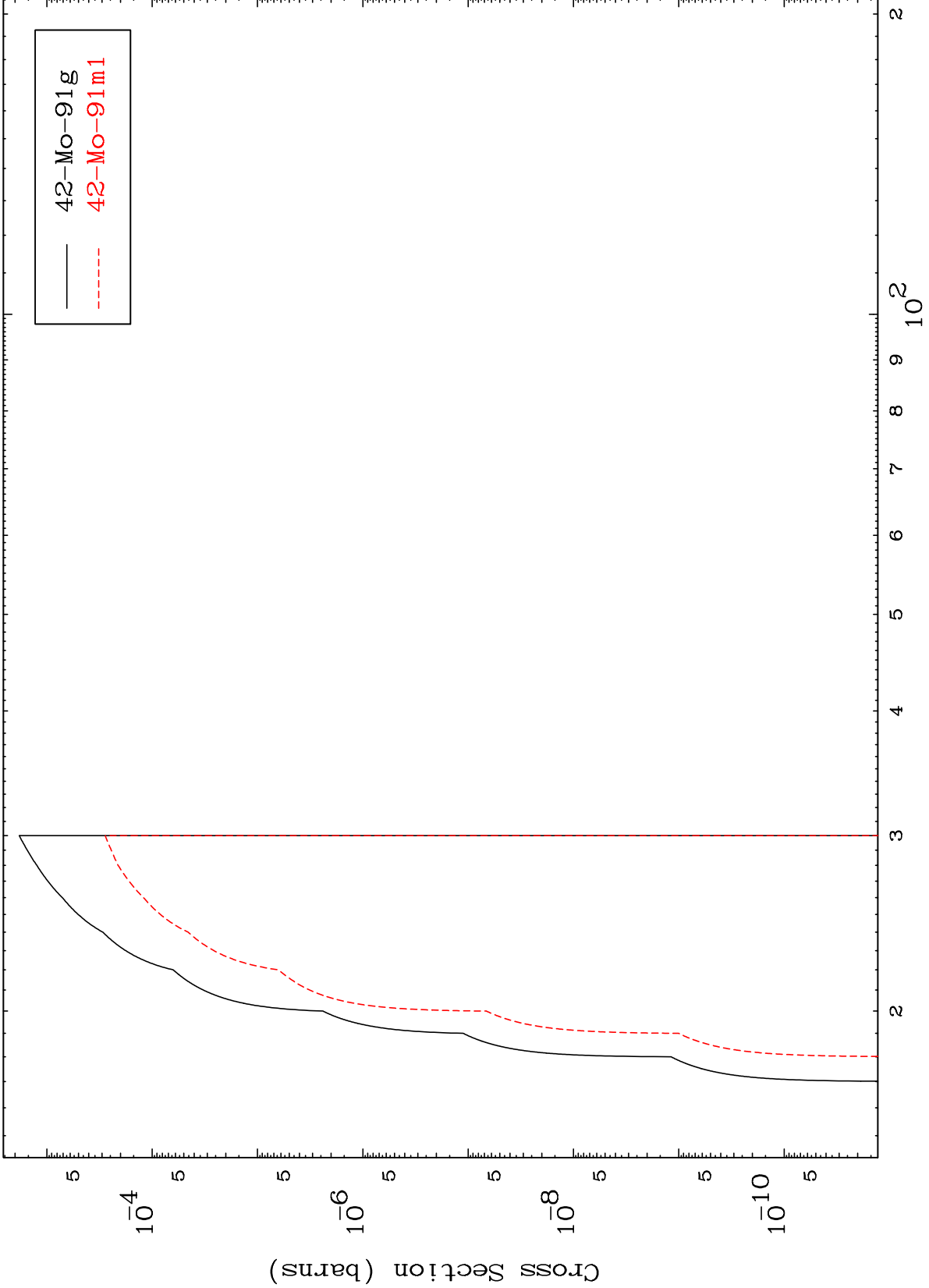
Incident Energy (MeV)

17

Radionuclide Production Cross Section



Radionuclide Production Cross Section

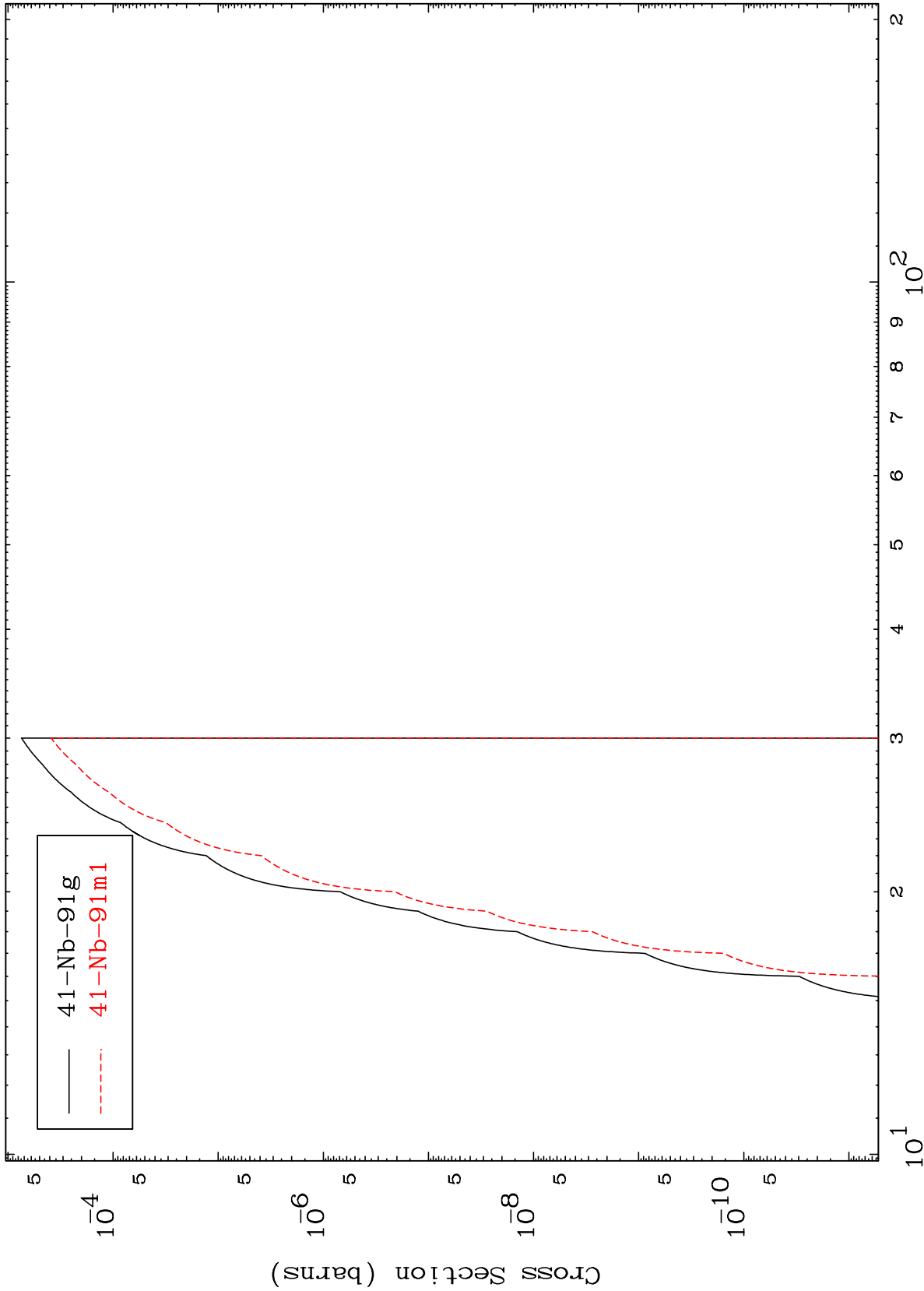


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(n,n') He-3

42-Mo-93

Radionuclide Production Cross Section



Incident Energy (MeV)

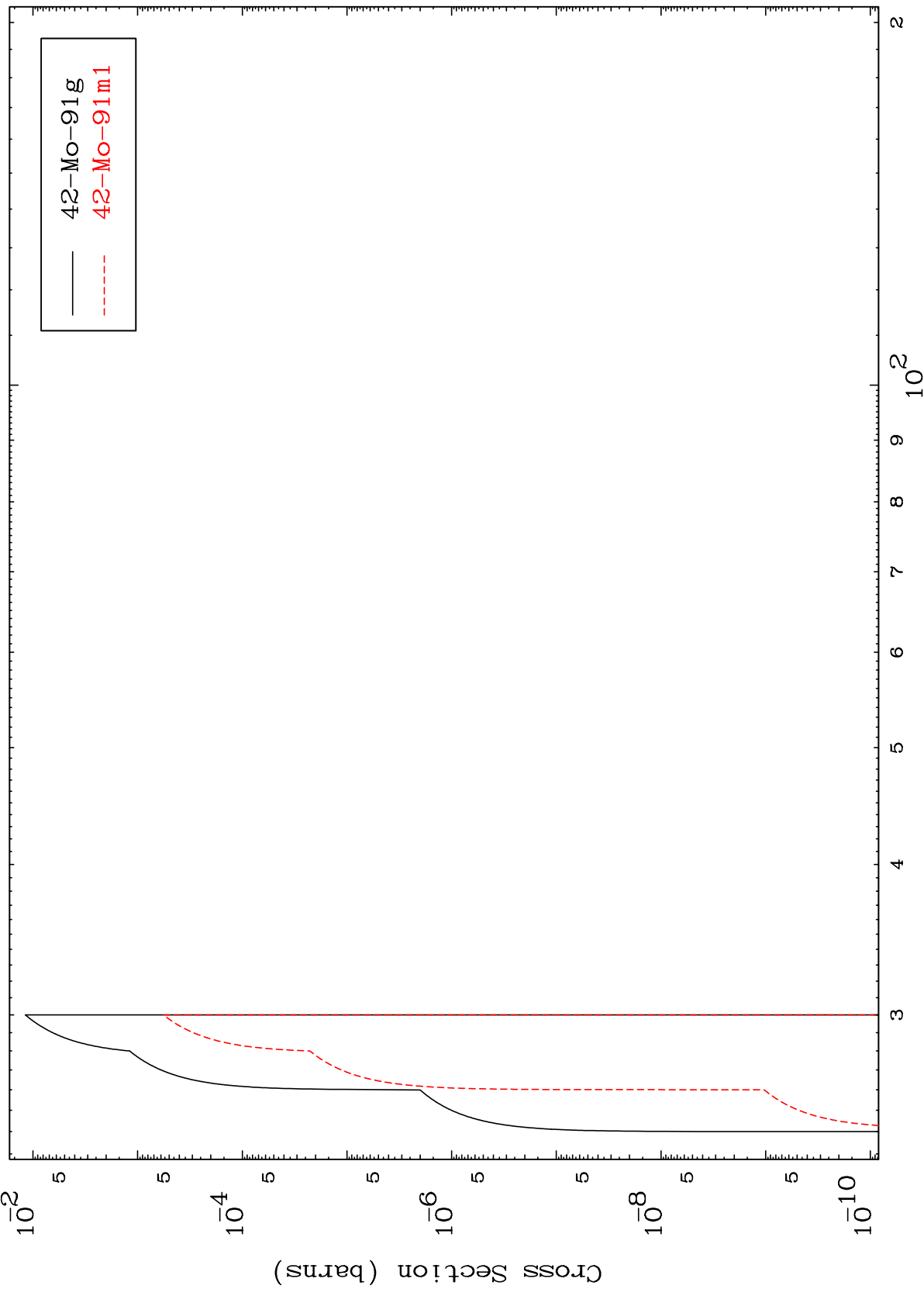
42-Mo-93

MAT 4228

(n,3n) p

42-Mo-93

Radionuclide Production Cross Section



21

Incident Energy (MeV)

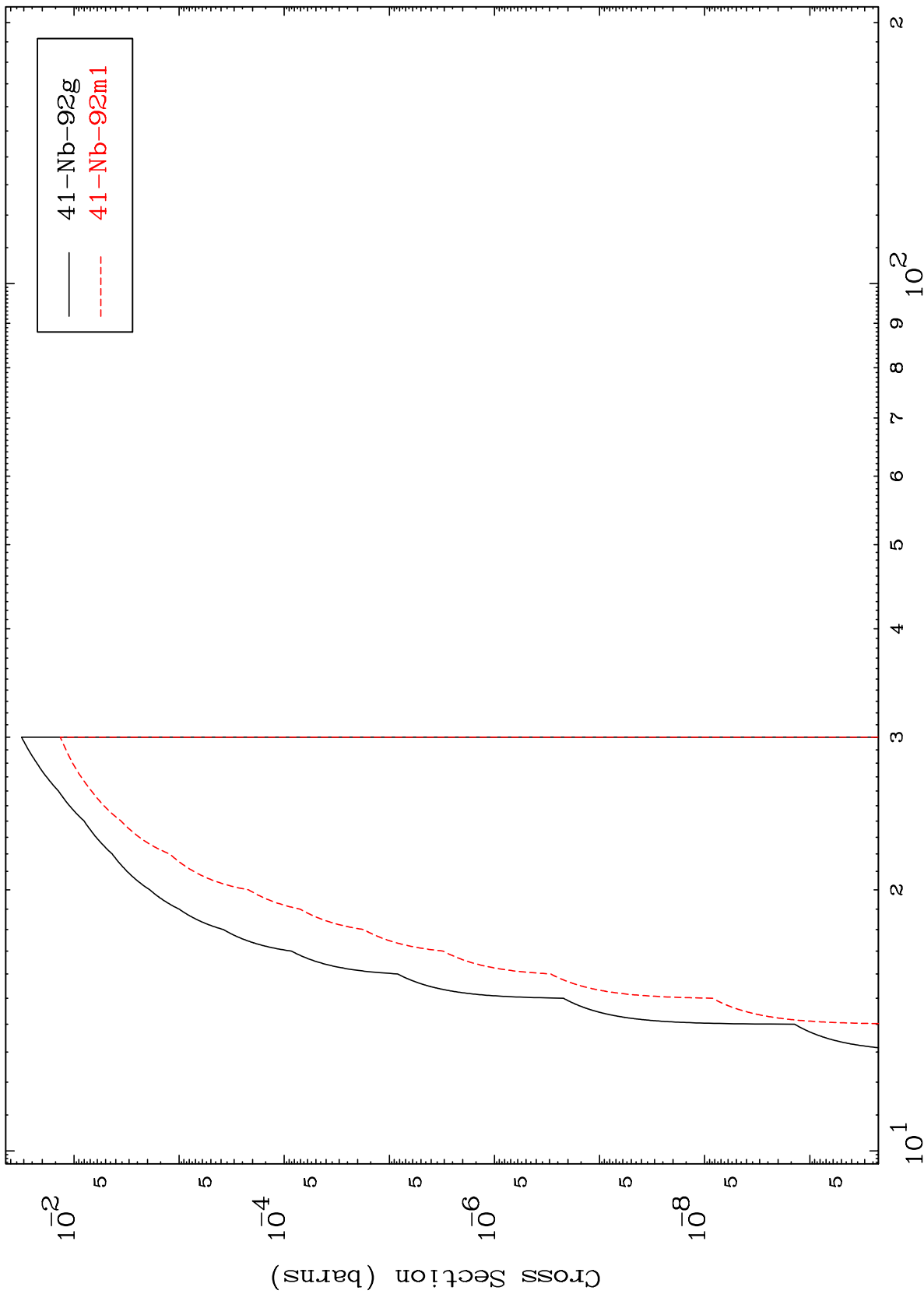
42-Mo-93

MAT 4228

(n,2n) p

42-Mo-93

Radionuclide Production Cross Section



Incident Energy (MeV)

42-Mo-93

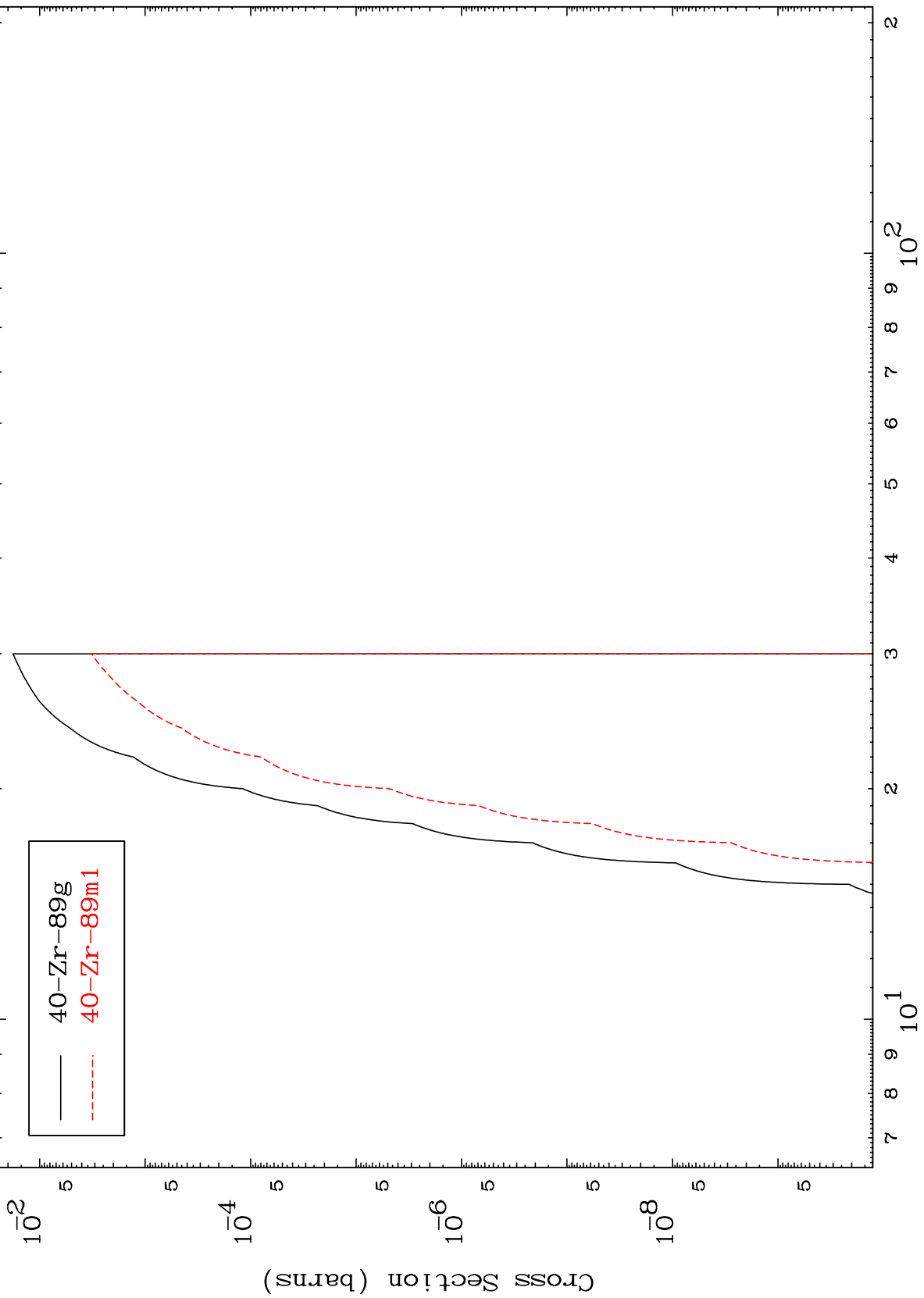
22

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(n,n') p α

42-Mo-93

Radionuclide Production Cross Section



23

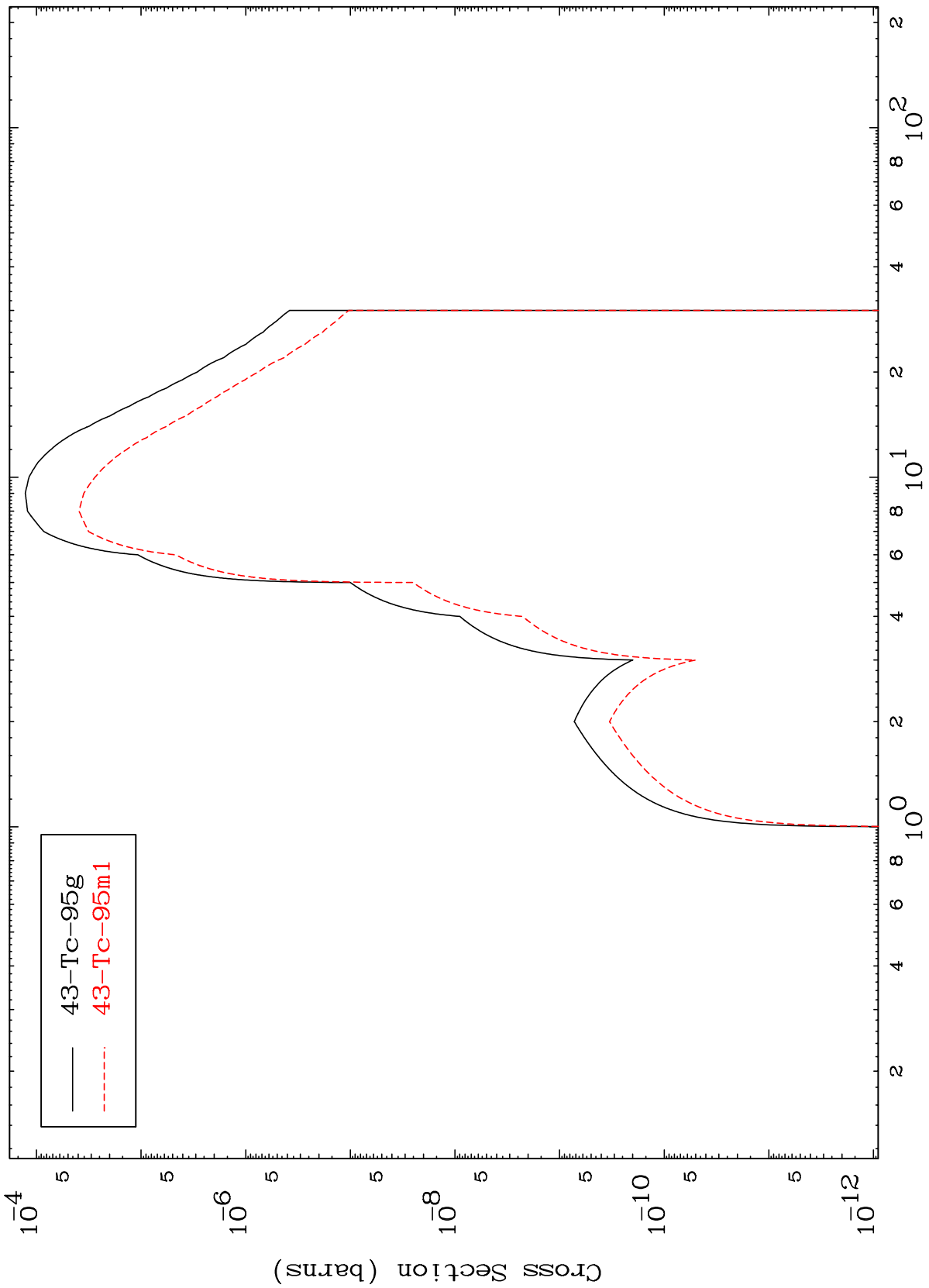
Incident Energy (MeV)

42-Mo-93

MAT 4228

42-Mo-93

(n, γ)
Radionuclide Production Cross Section



— 43-Tc-95g
- - - 43-Tc-95m1

24

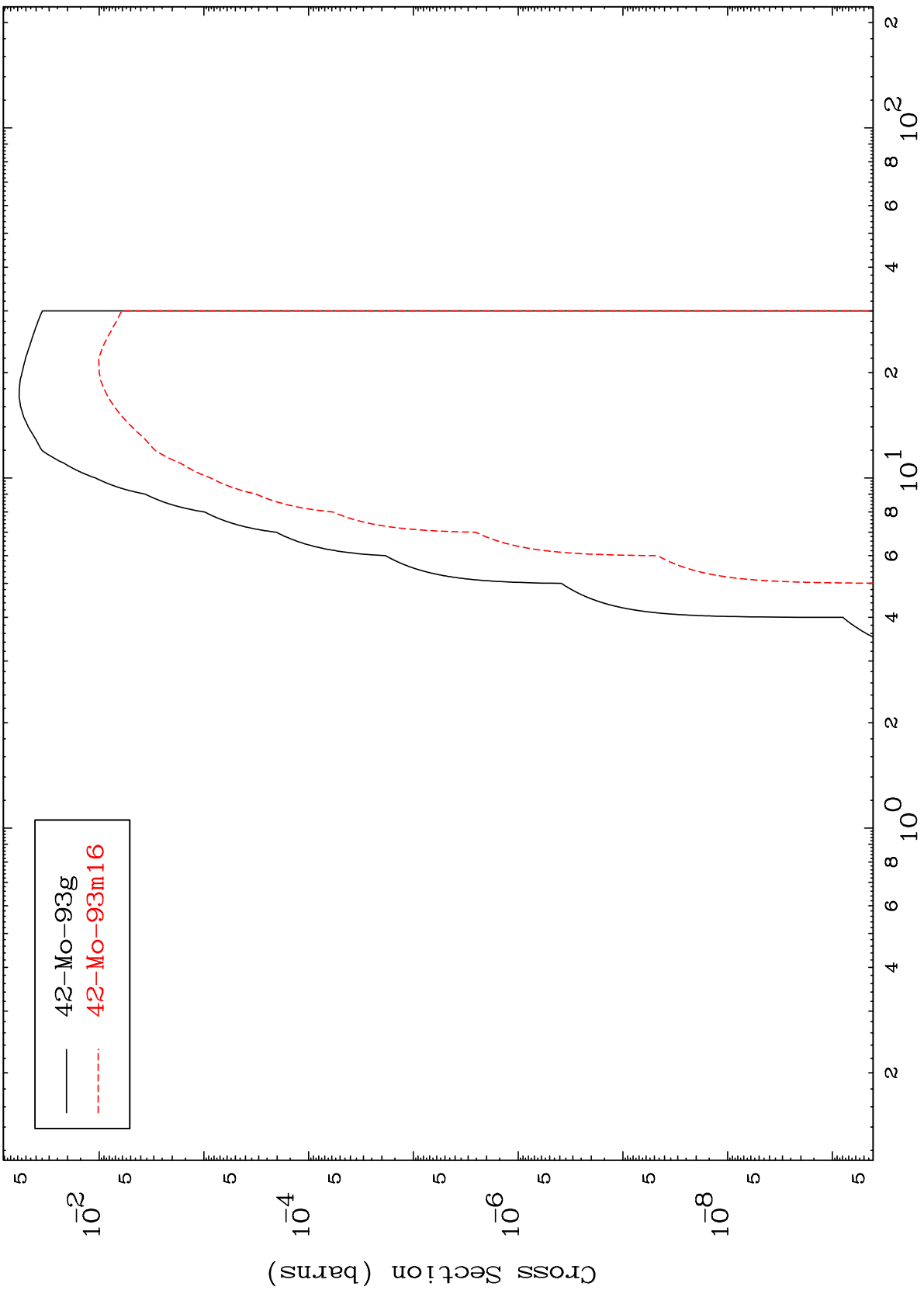
Incident Energy (MeV)

42-Mo-93

MAT 4228

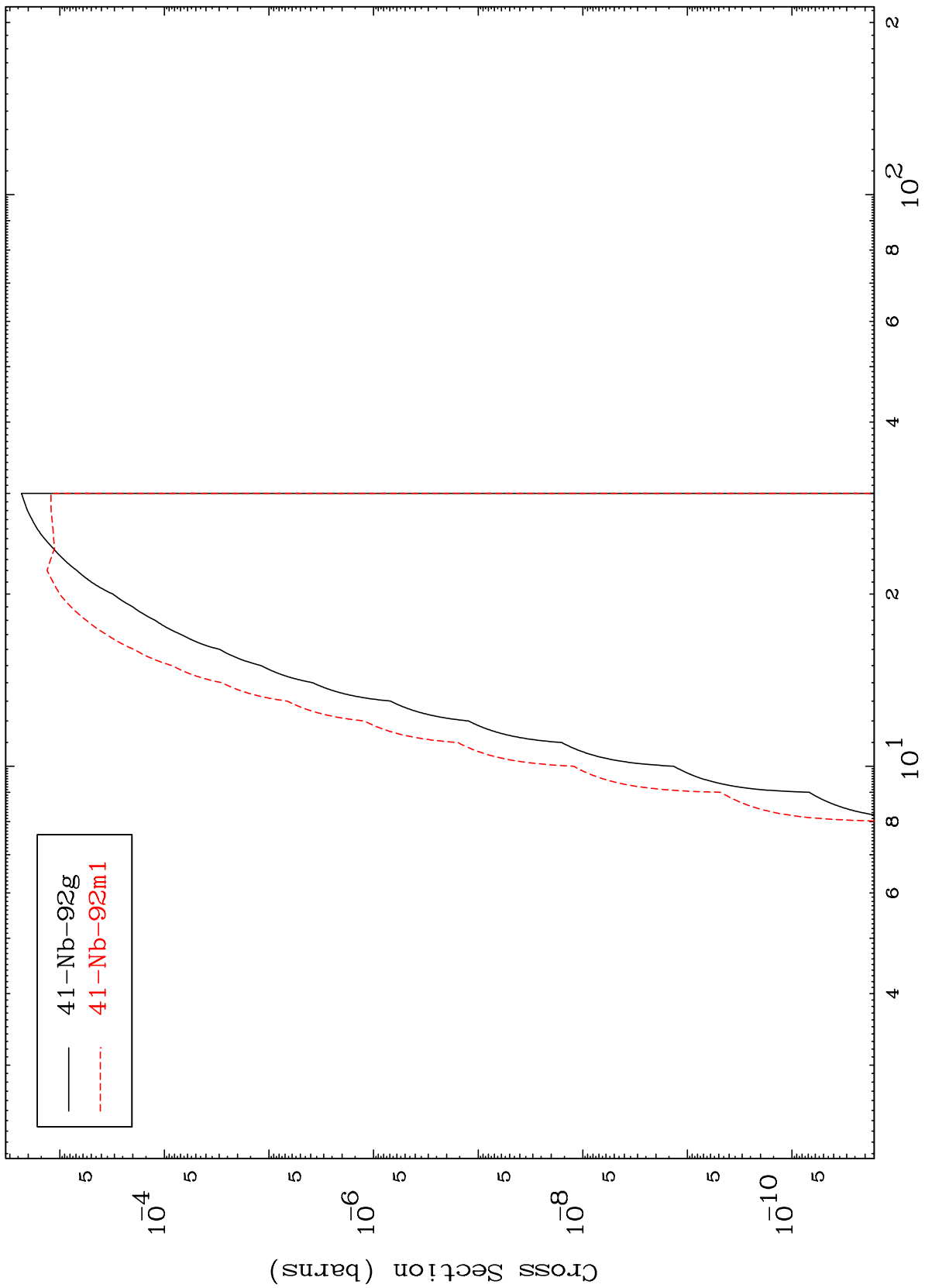
42-Mo-93

(n,d)
Radionuclide Production Cross Section



42-Mo-93

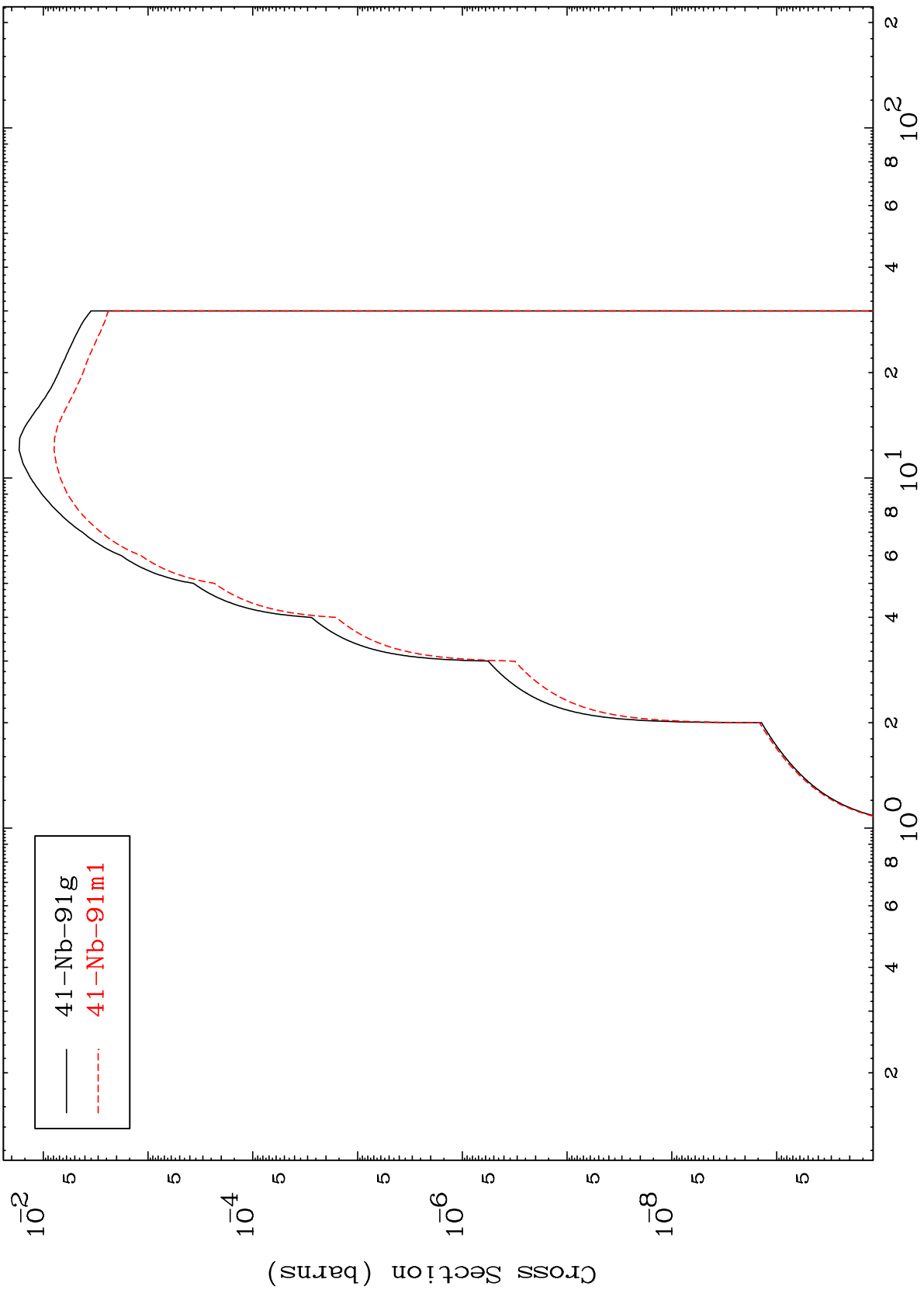
Radionuclide Production Cross Section
(n,He-3)



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42-Mo-93

Radionuclide Production Cross Section
(n, α)



— 41-Nb-91g
- - - 41-Nb-91m1

42-Mo-93

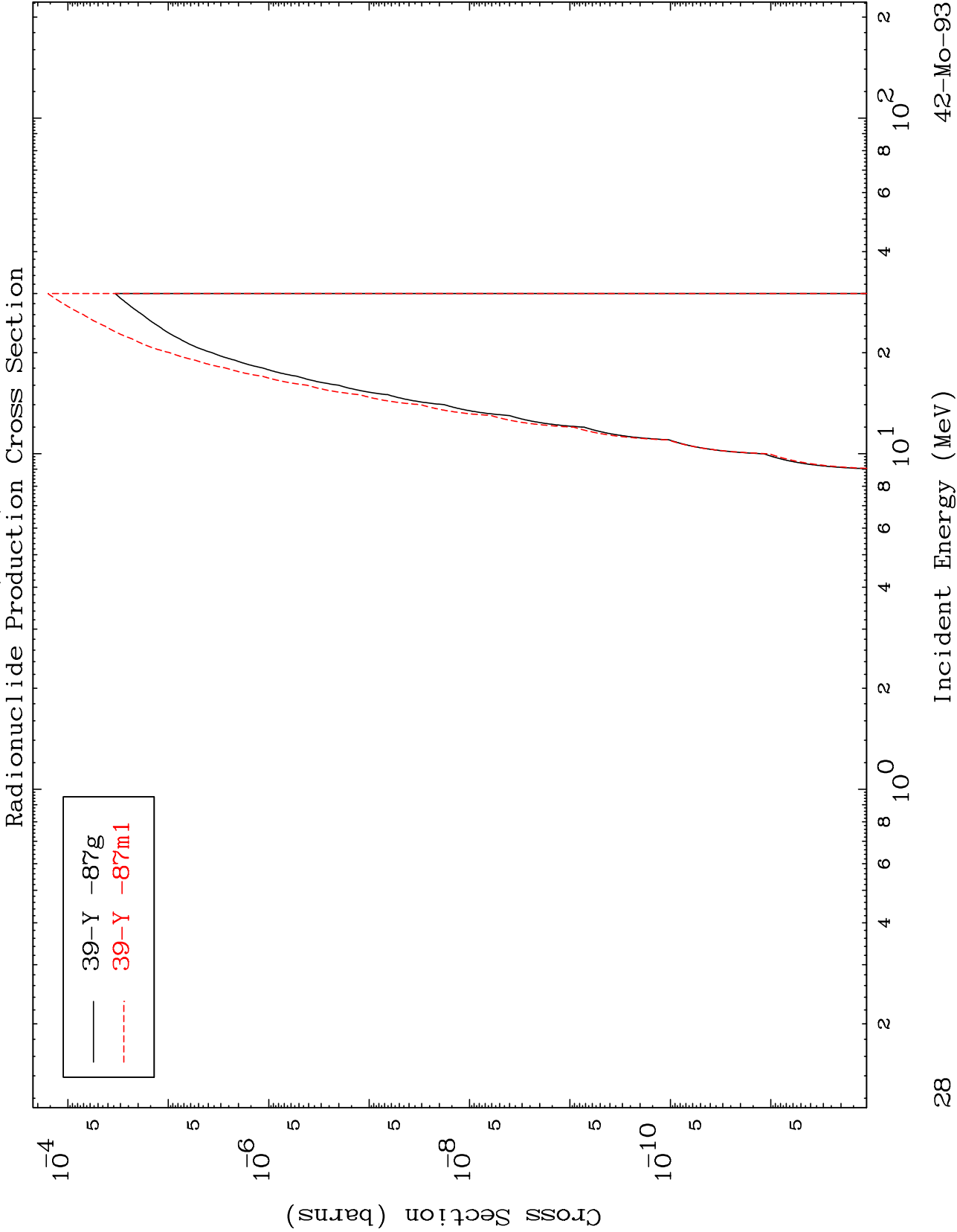
Incident Energy (MeV)

27

MAT 4228

(n,2α)

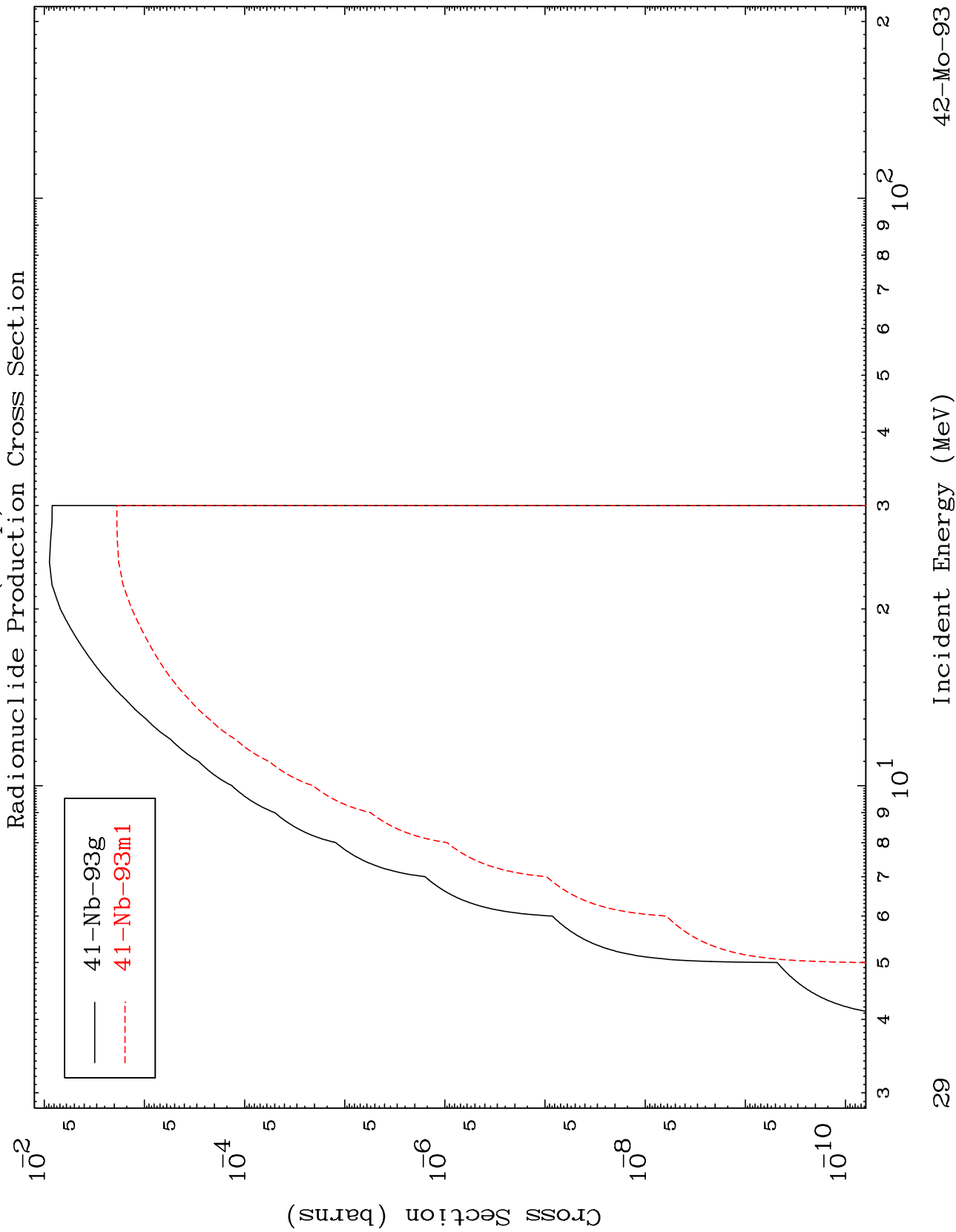
42-Mo-93



39-Y -87g
39-Y -87m1

MAT 4228

42-Mo-93



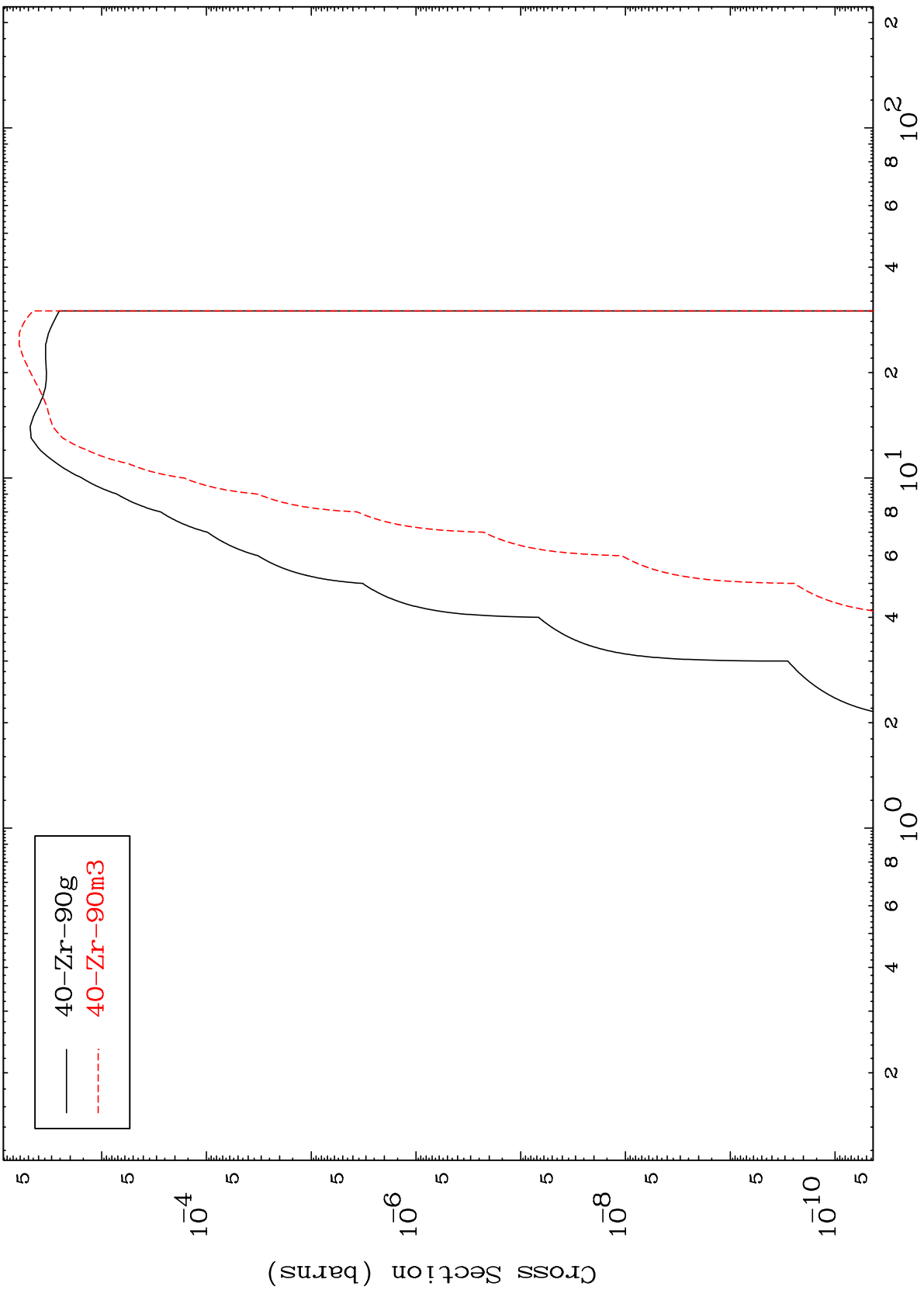
29

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(n,p) α

42-Mo-93

Radionuclide Production Cross Section



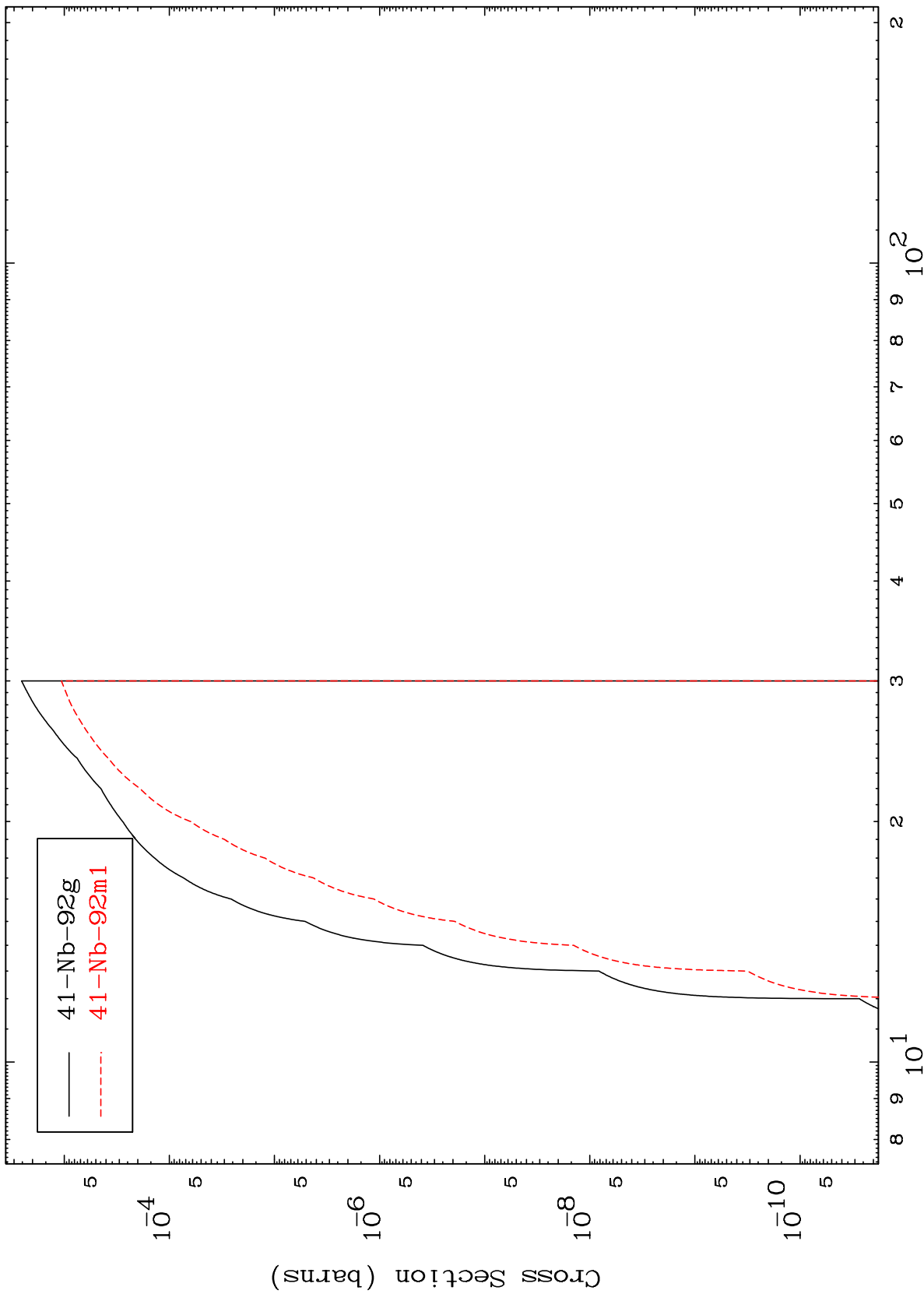
— 40-Zr-90g
- - - 40-Zr-90m3

30

Incident Energy (MeV)

42-Mo-93

Radionuclide Production Cross Section

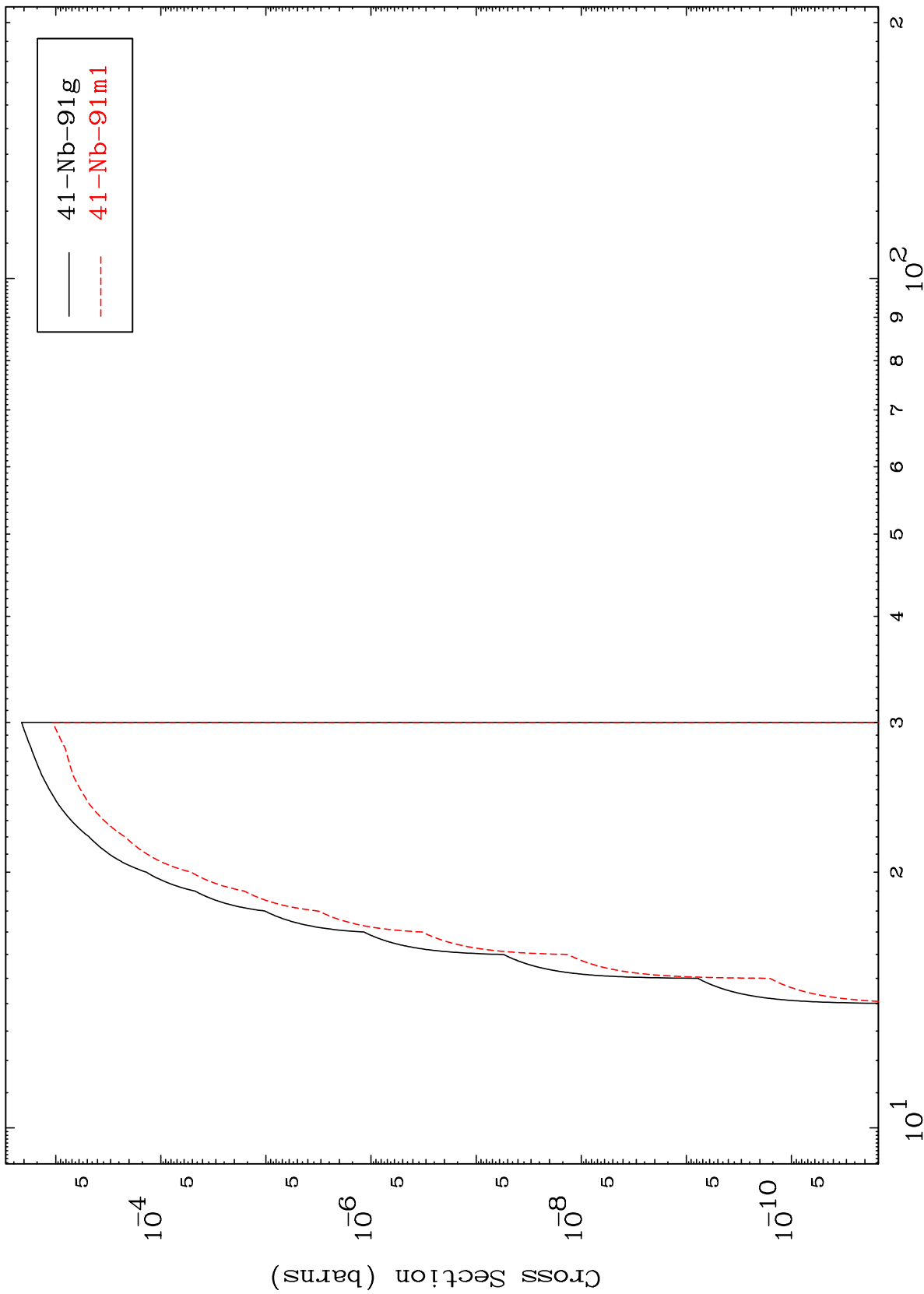


MAT 4228

(n,p) t

42-Mo-93

Radionuclide Production Cross Section



32

Incident Energy (MeV)

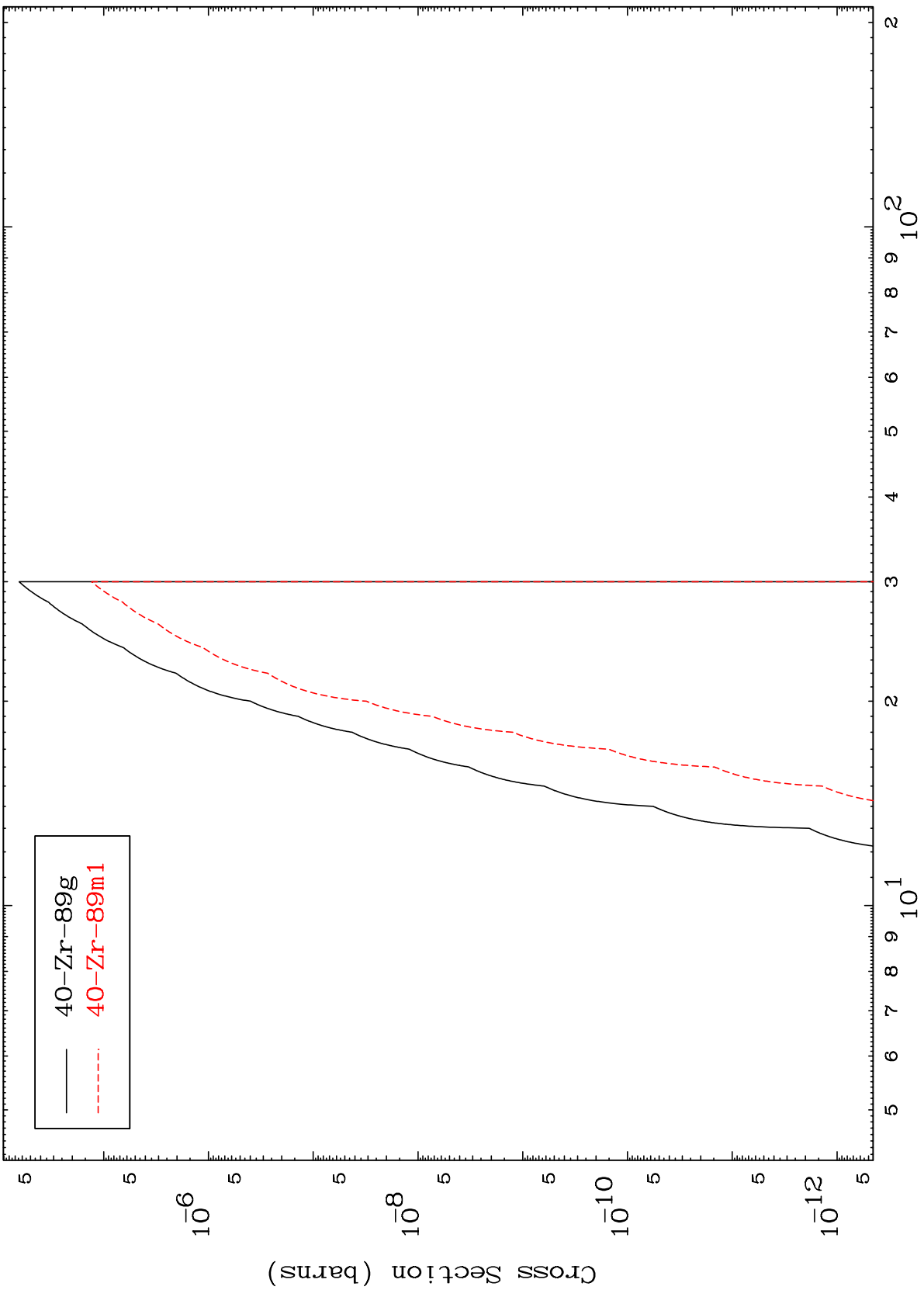
42-Mo-93

MAT 4228

(n,d) α

42-Mo-93

Radionuclide Production Cross Section



— 40-Zr-89g
- - - 40-Zr-89m1