

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

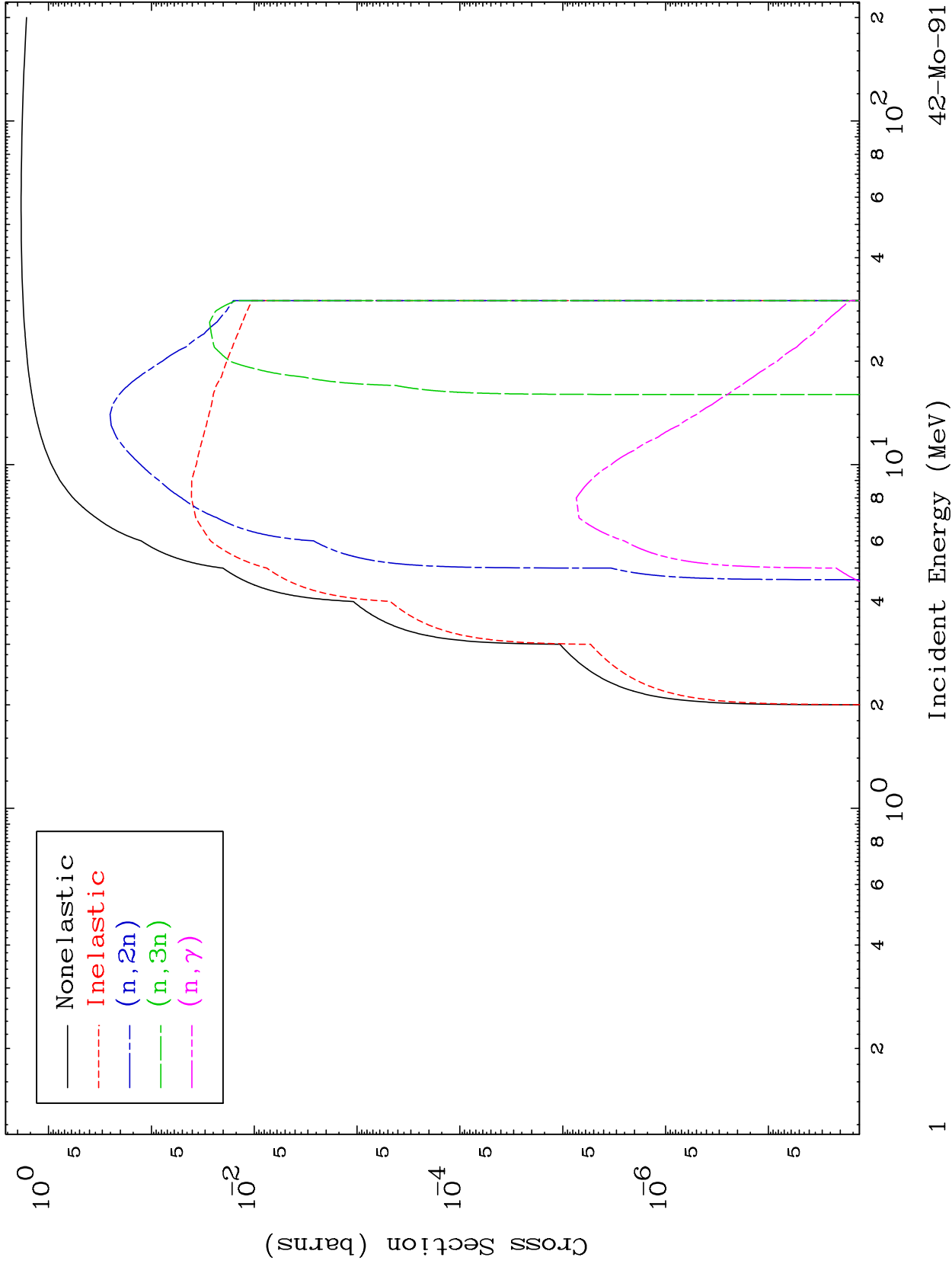
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

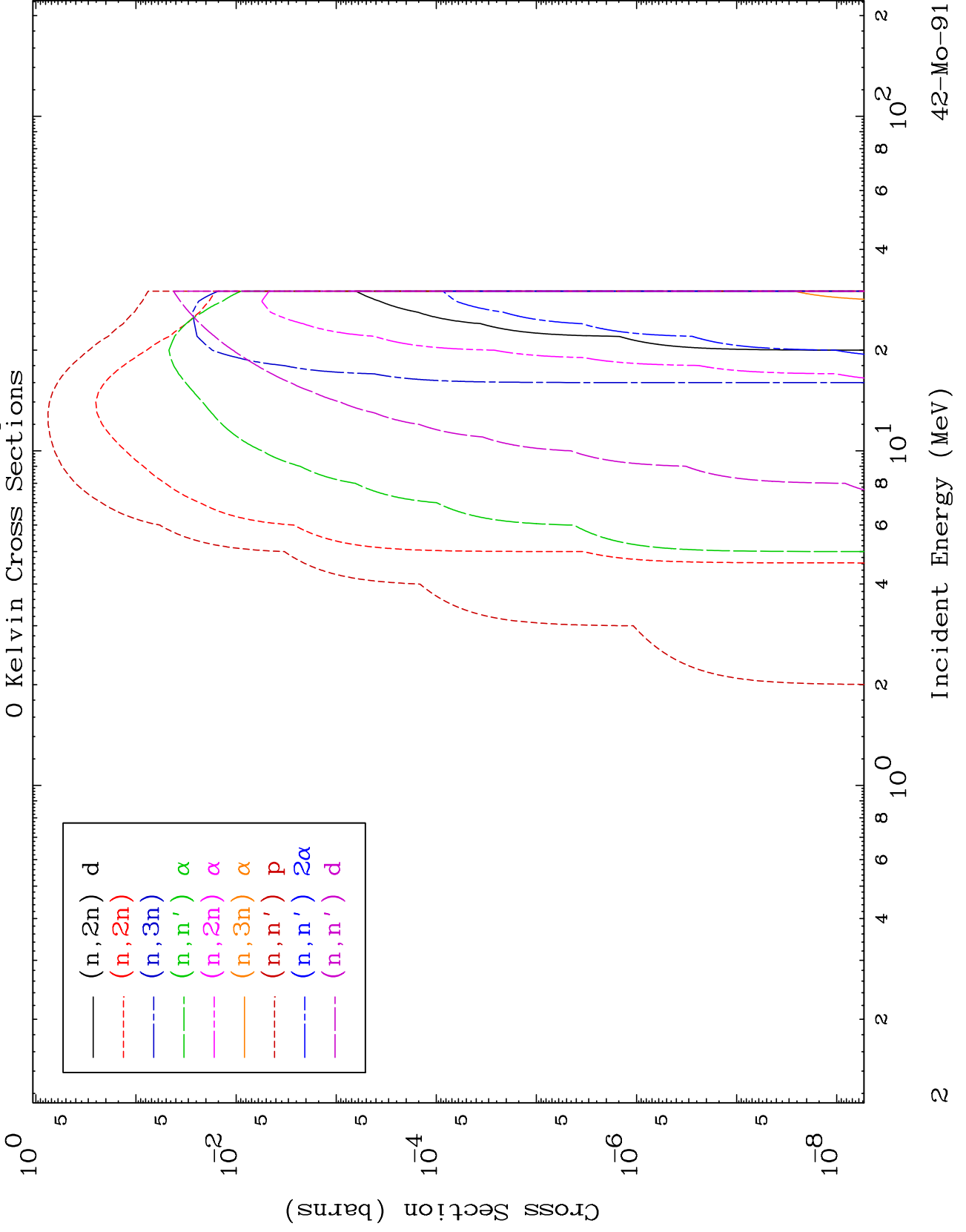
Tele: 925-443-1911

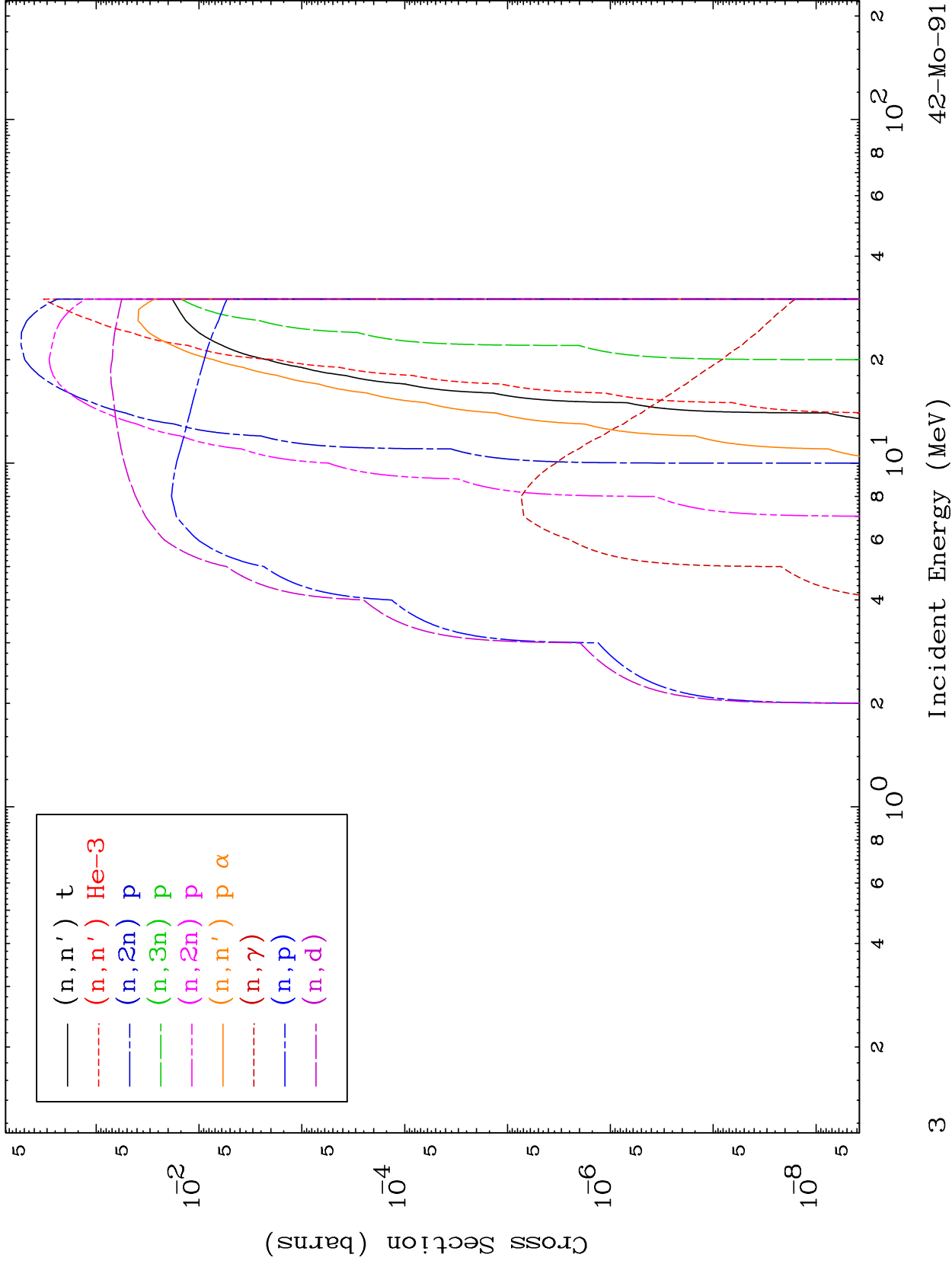
E.Mail:redcullen1@comcast.net

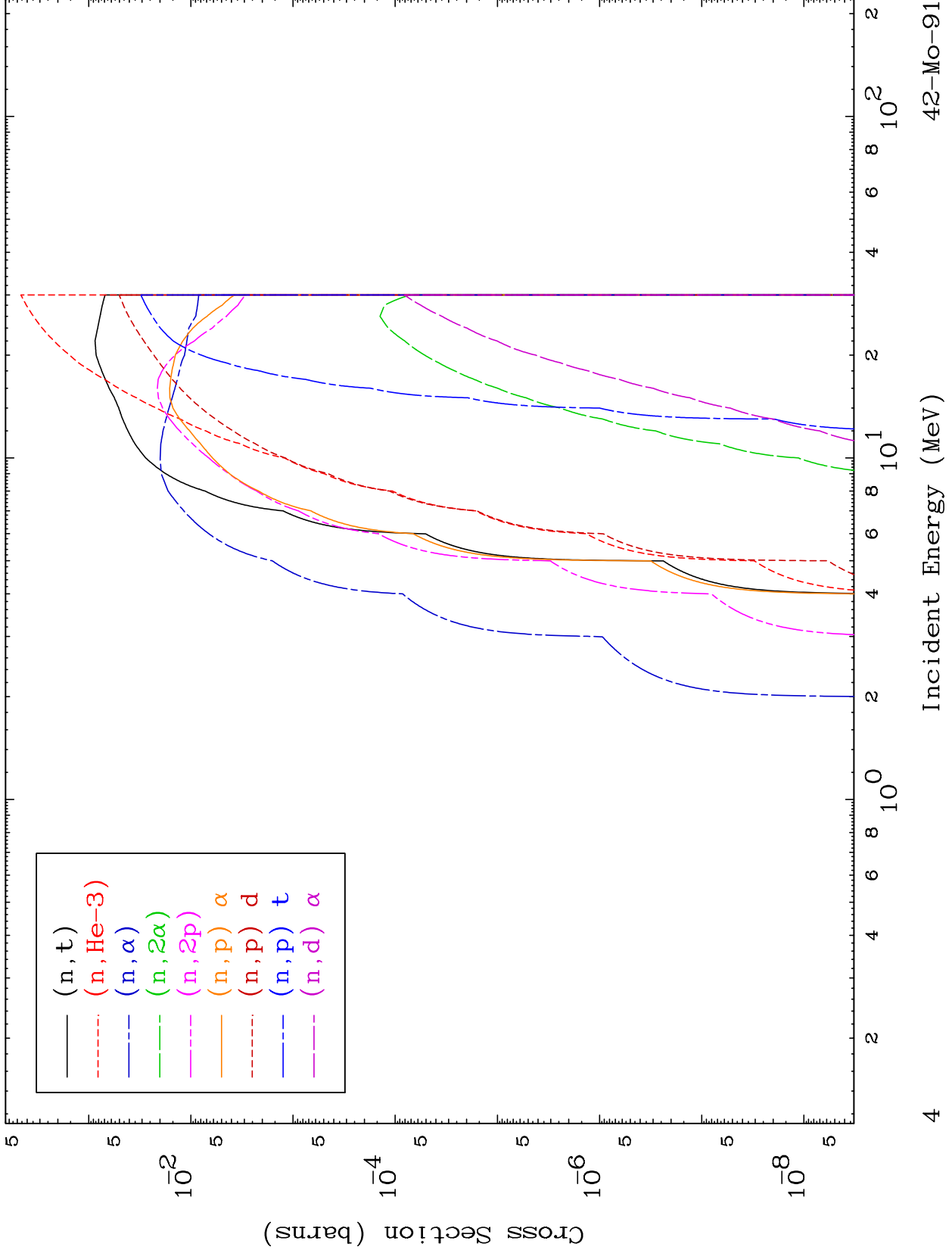
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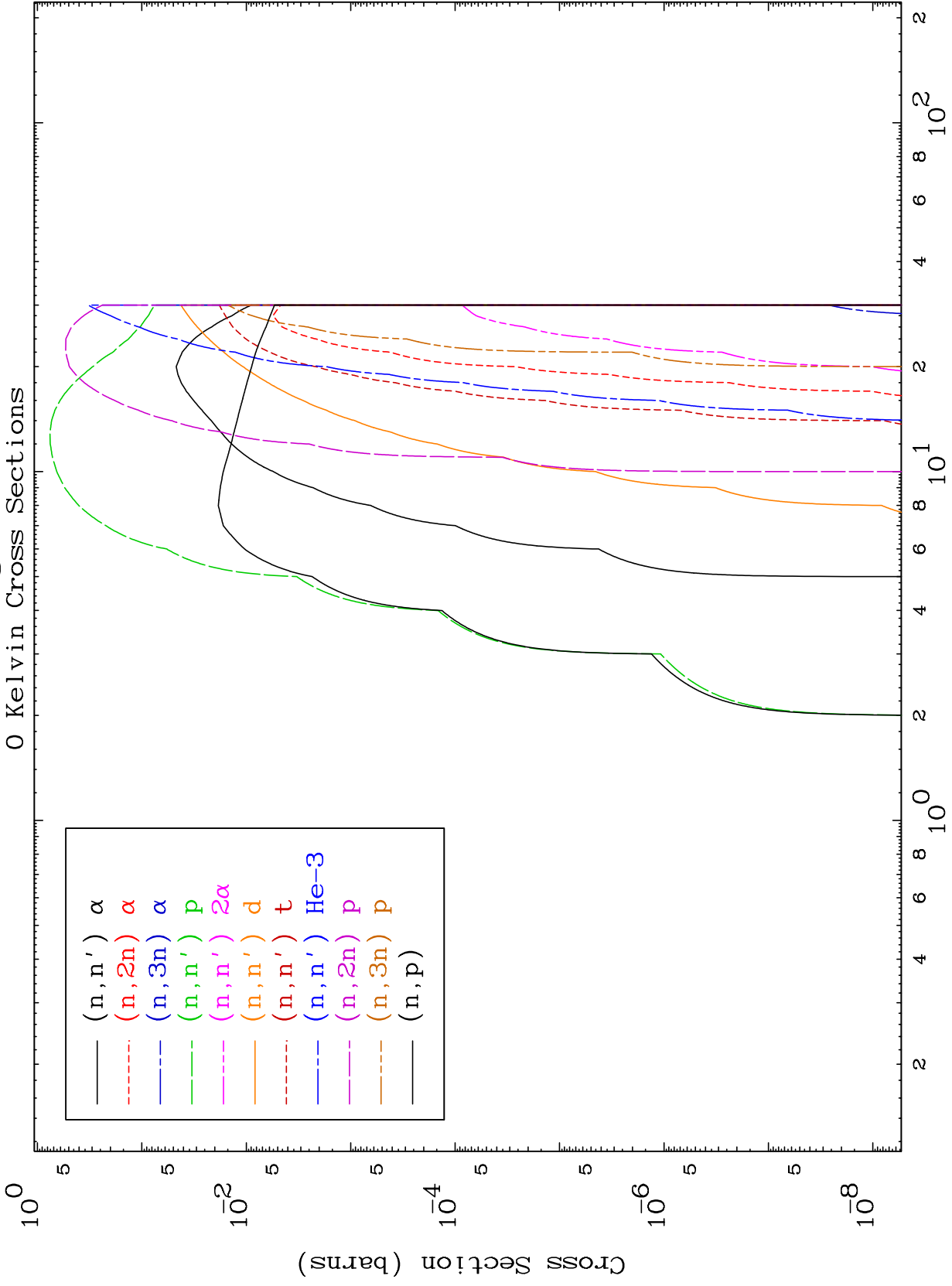
Press Mouse Button to Start

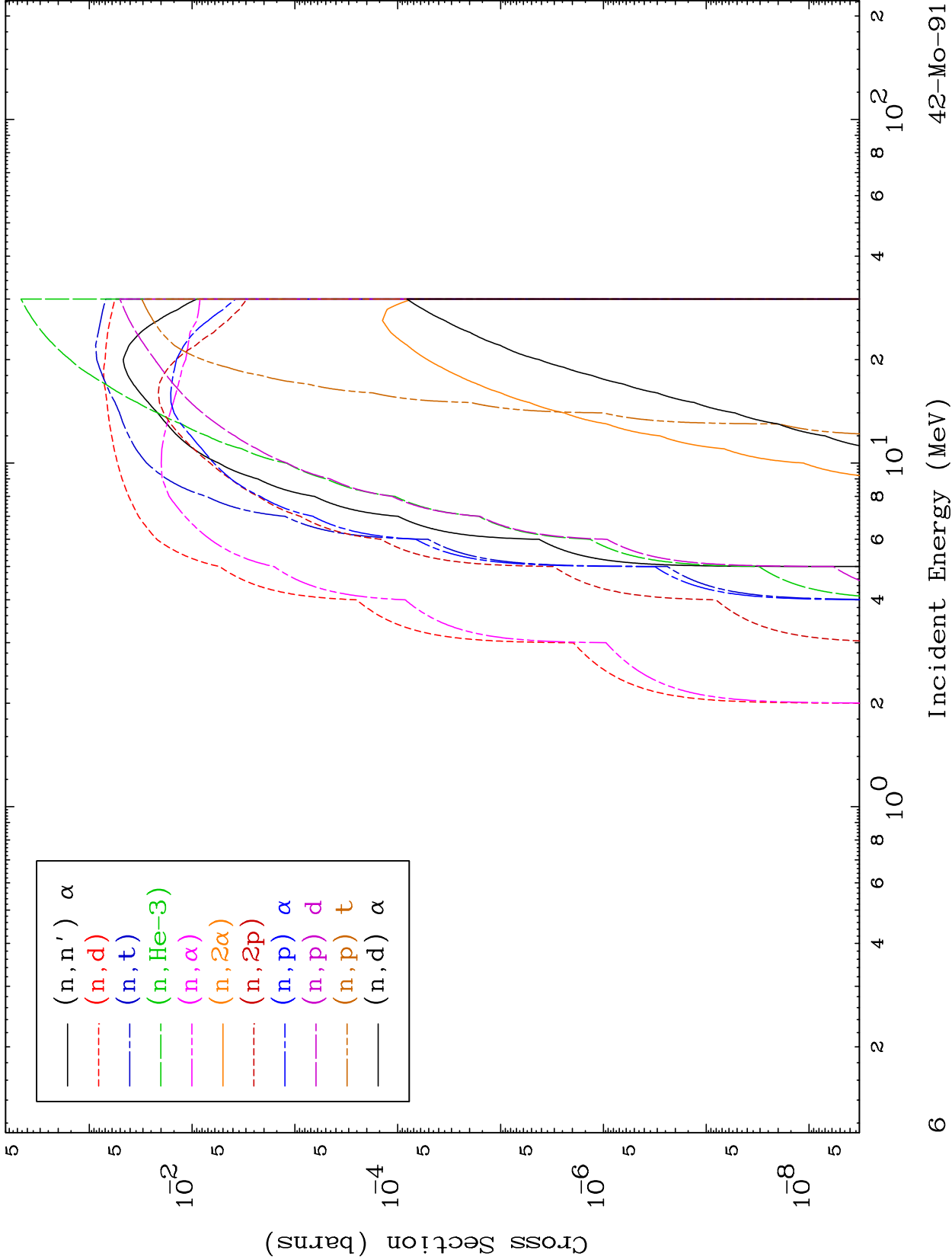








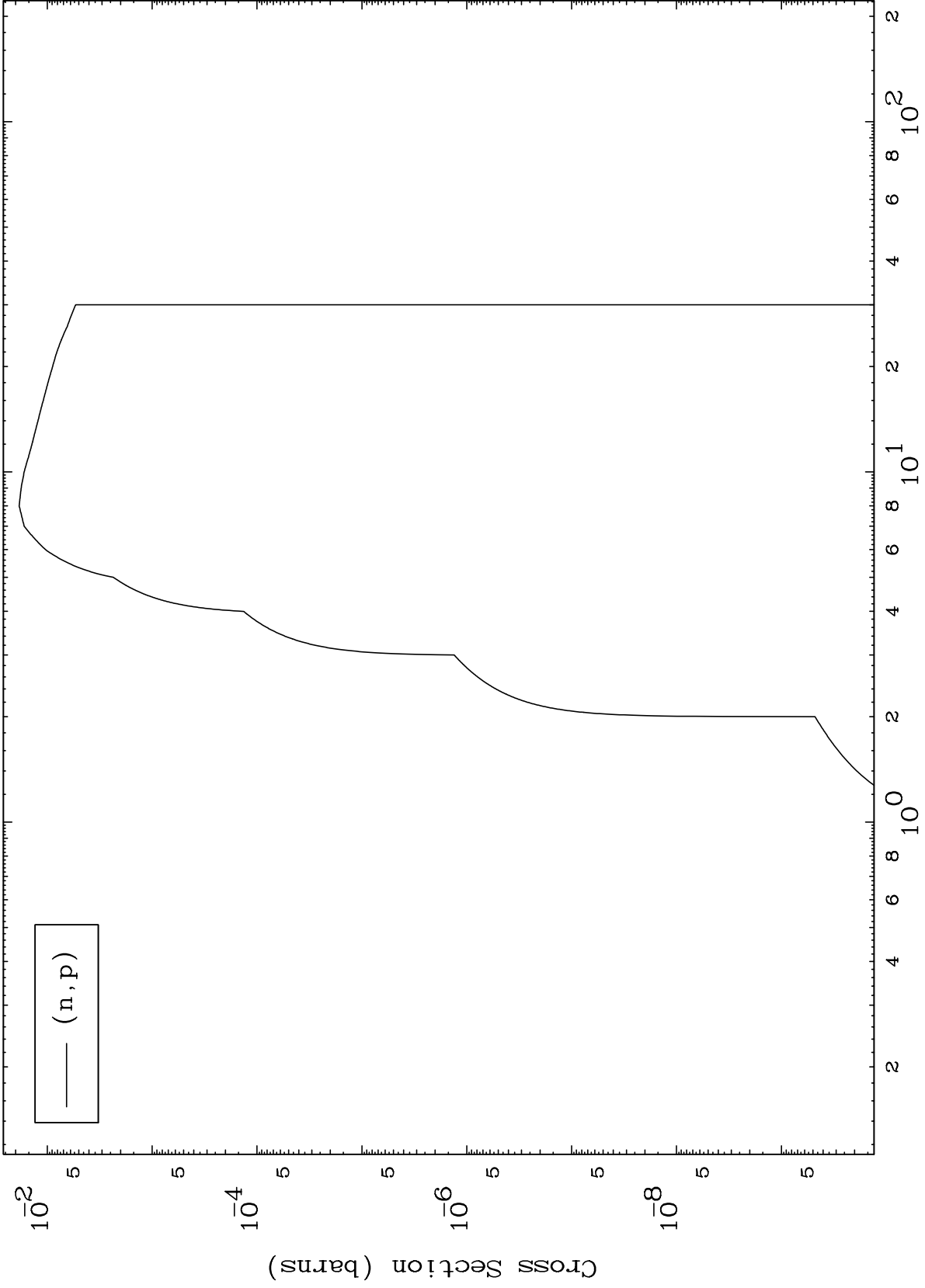




MAT 4222

42-Mo-91

(t,p) Levels
0 Kelvin Cross Sections



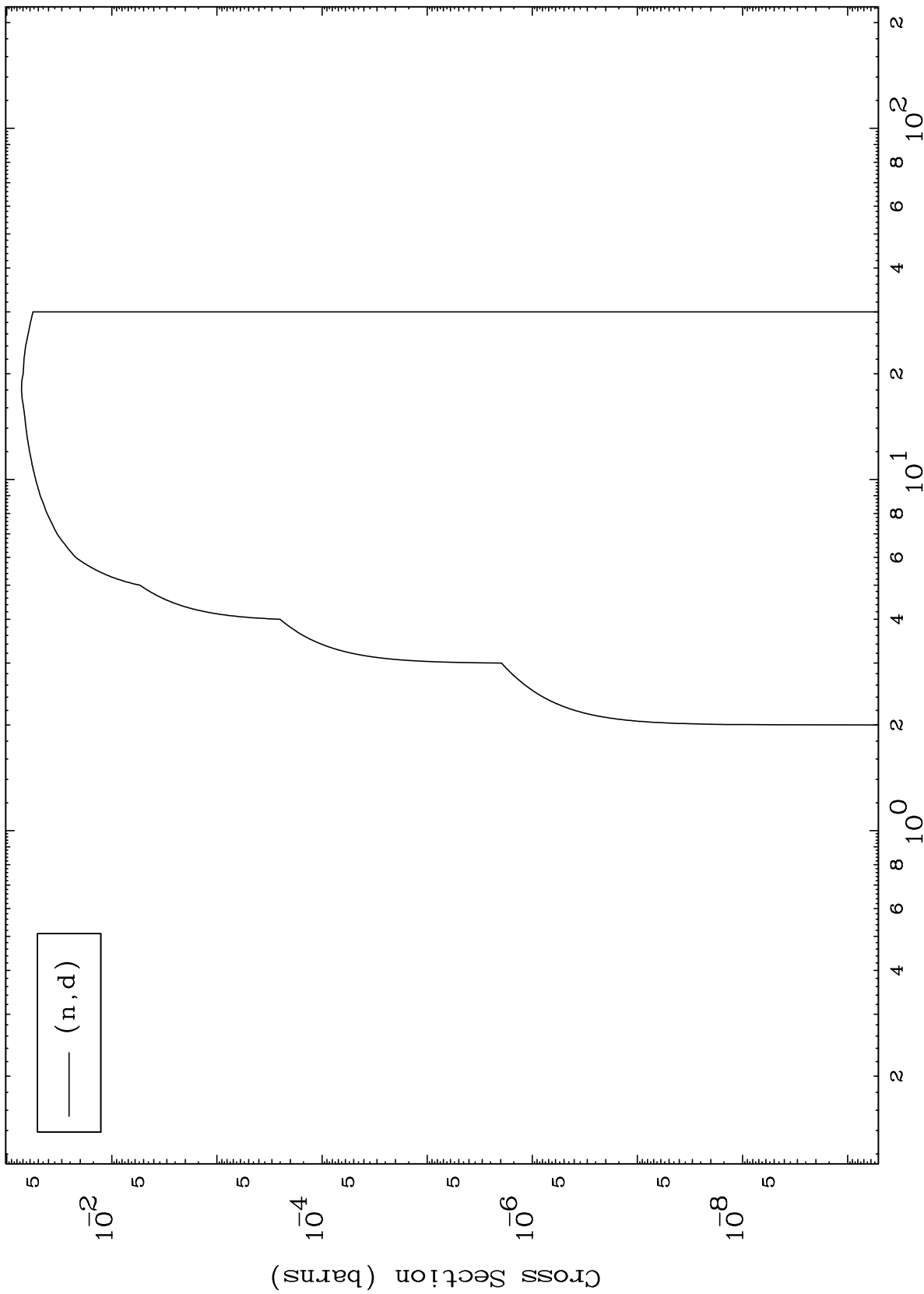
42-Mo-91

Incident Energy (MeV)

MAT 4222

42-Mo-91

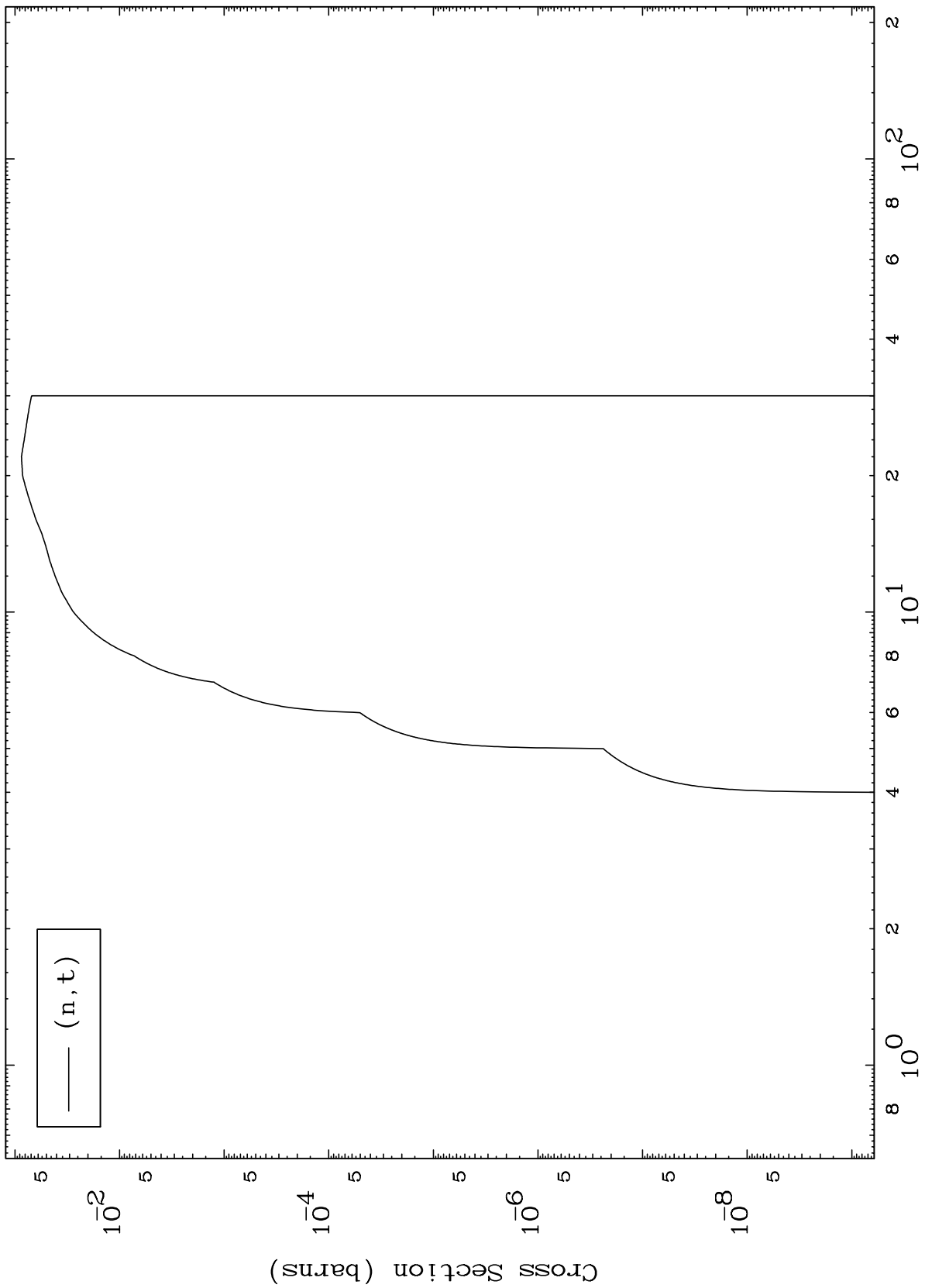
(t,d) Levels
0 Kelvin Cross Sections



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42-Mo-91

(t, t) Levels
0 Kelvin Cross Sections

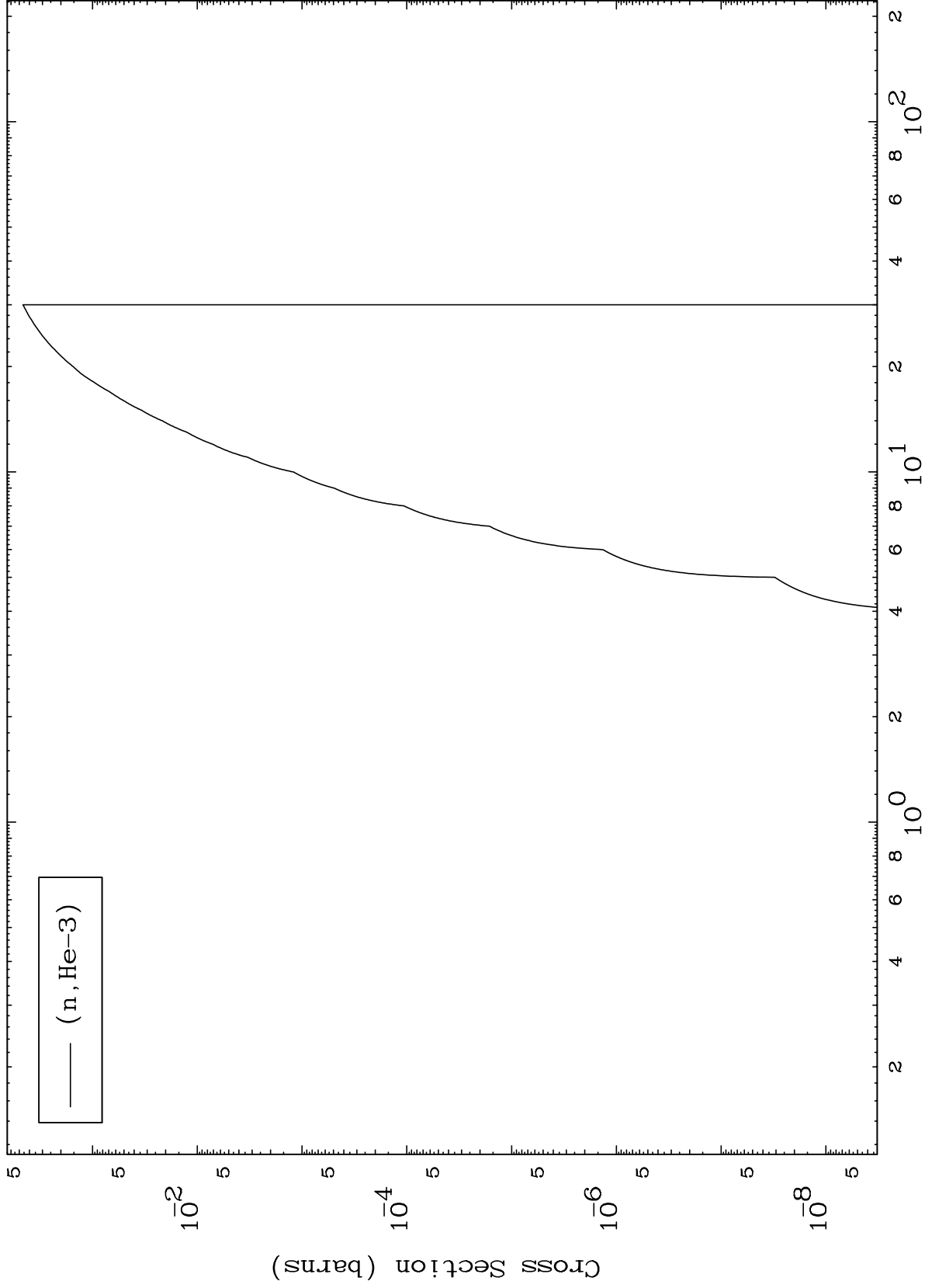


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(t,He3) Levels

42-Mo-91

0 Kelvin Cross Sections

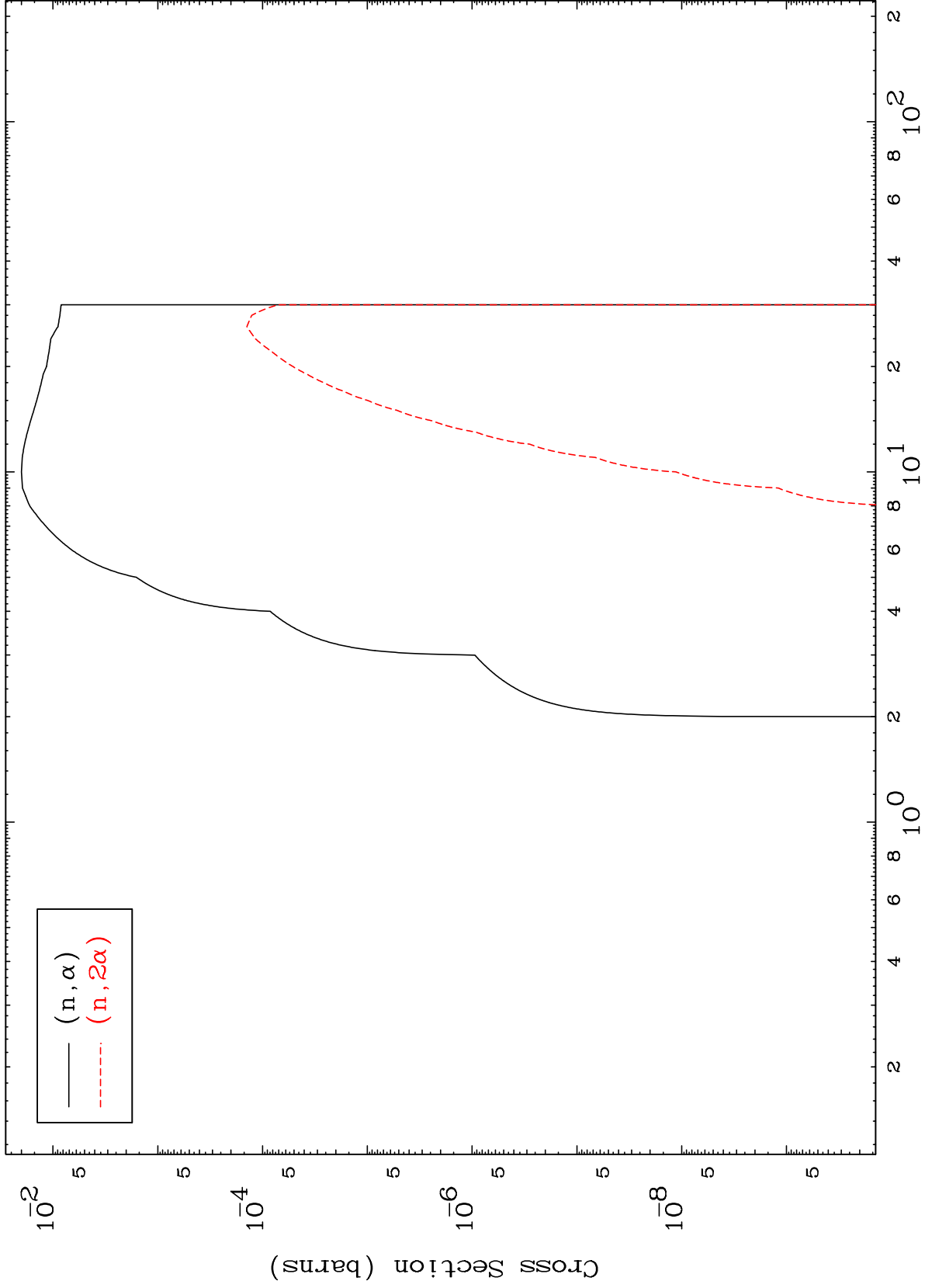


10

Incident Energy (MeV)

42-Mo-91

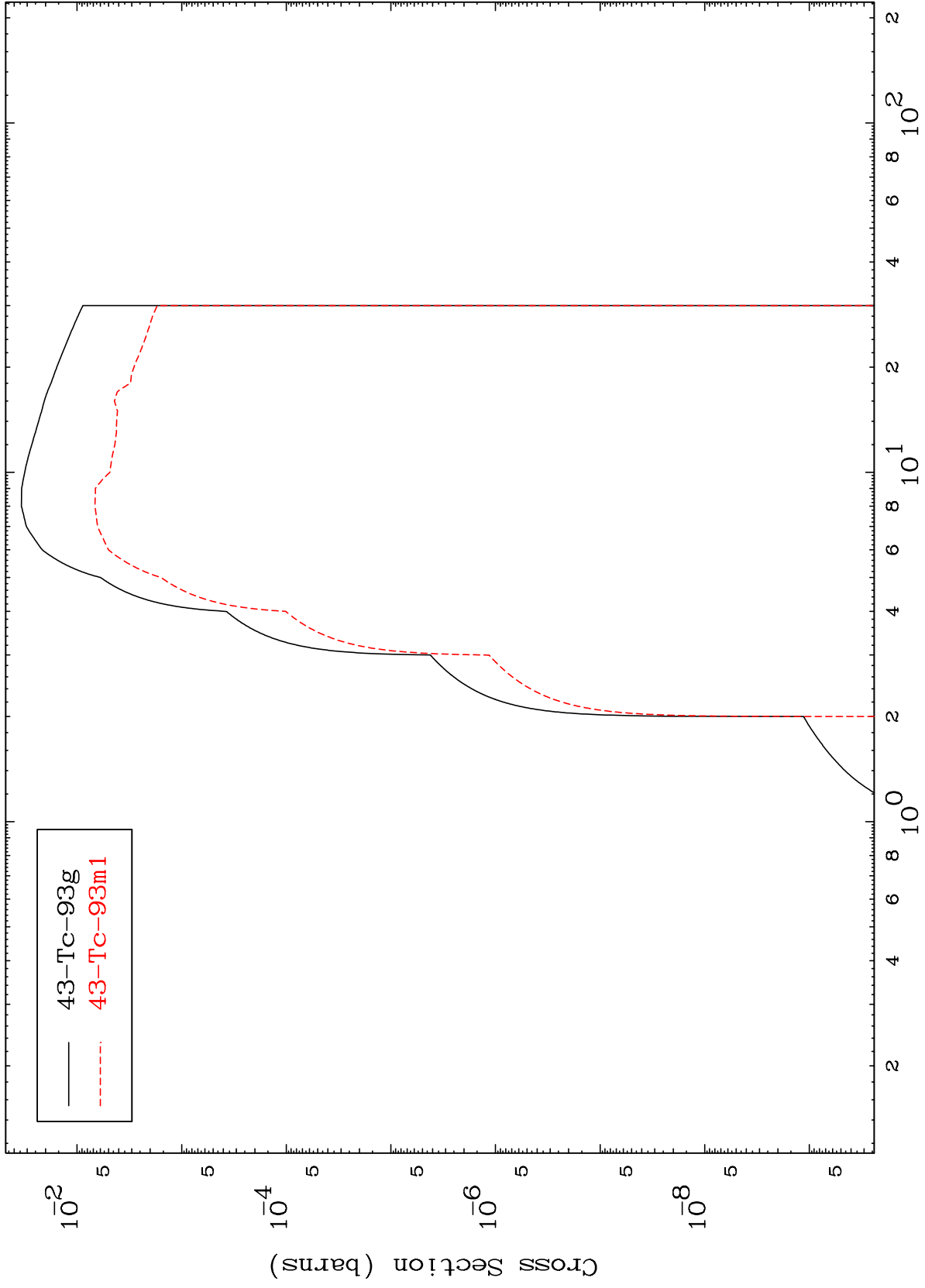
(t, α) Levels
0 Kelvin Cross Sections



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42-Mo-91

Inelastic
Radionuclide Production Cross Section



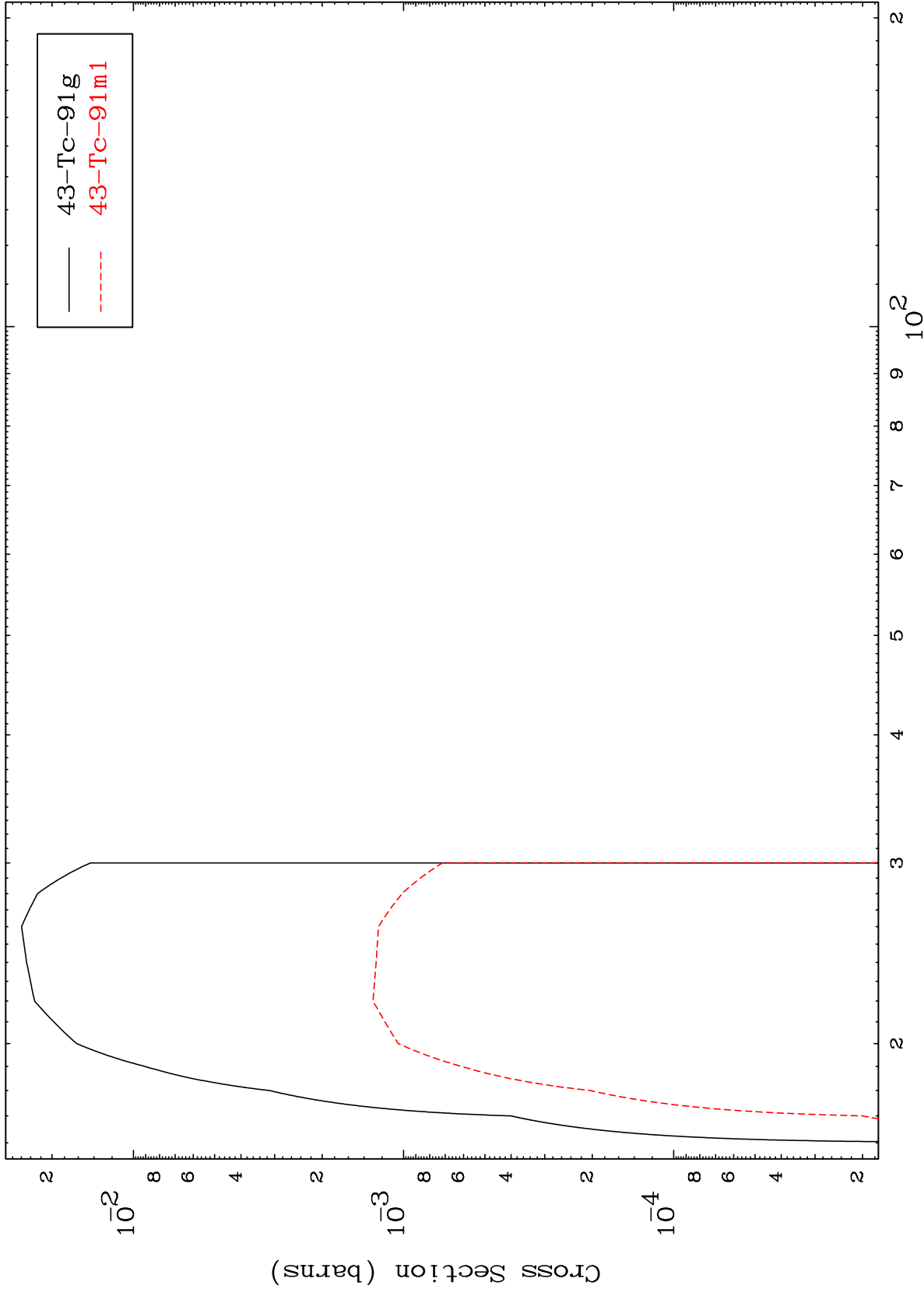
12

42-Mo-91

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42-Mo-91

(n,3n)
Radionuclide Production Cross Section



42-Mo-91

Incident Energy (MeV)

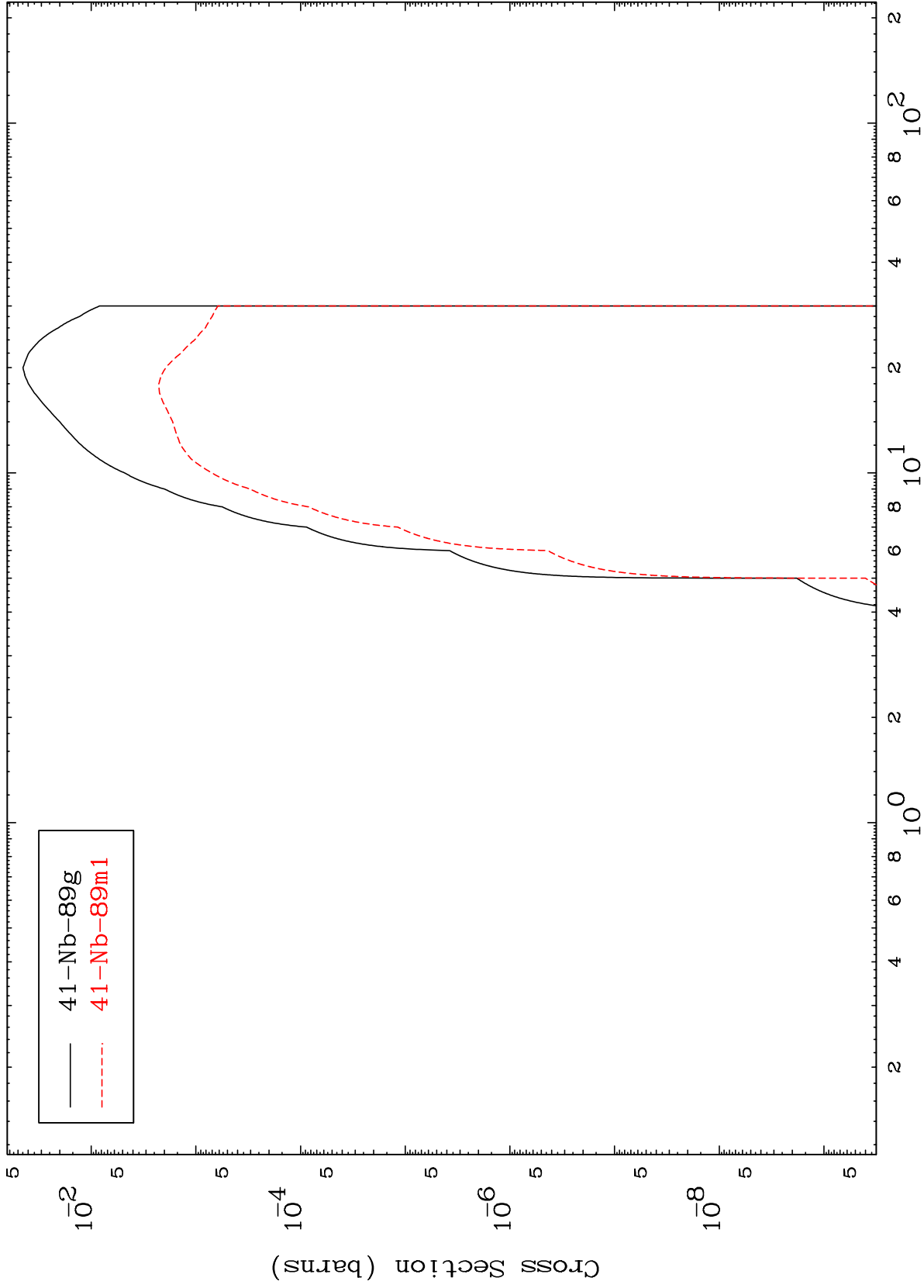
13

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$(n, n') \alpha$

42-Mo-91

Radionuclide Production Cross Section



— 41-Nb-89g
- - - 41-Nb-89m1

14

Incident Energy (MeV)

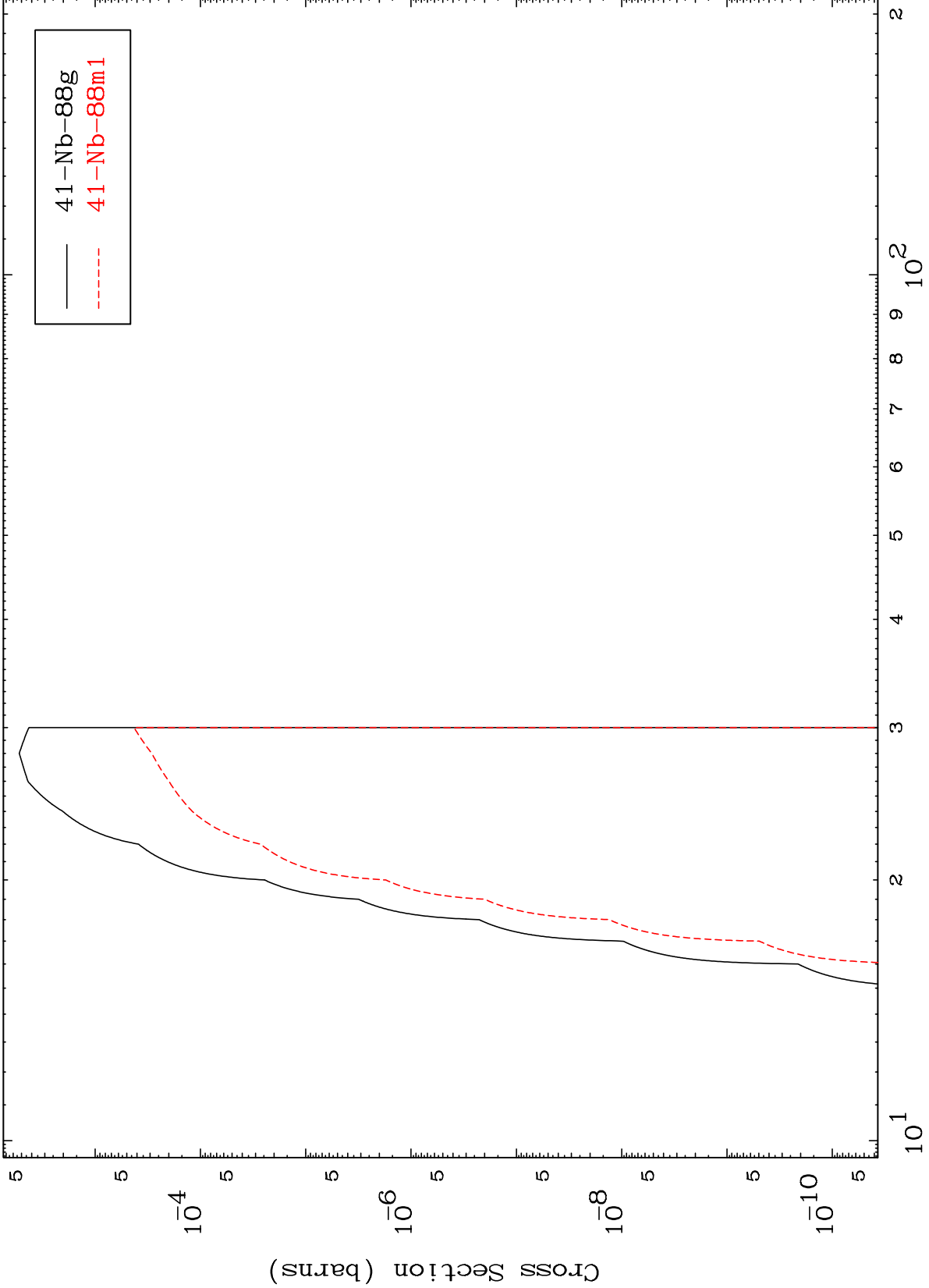
42-Mo-91

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(n,2n) α

42-Mo-91

Radionuclide Production Cross Section



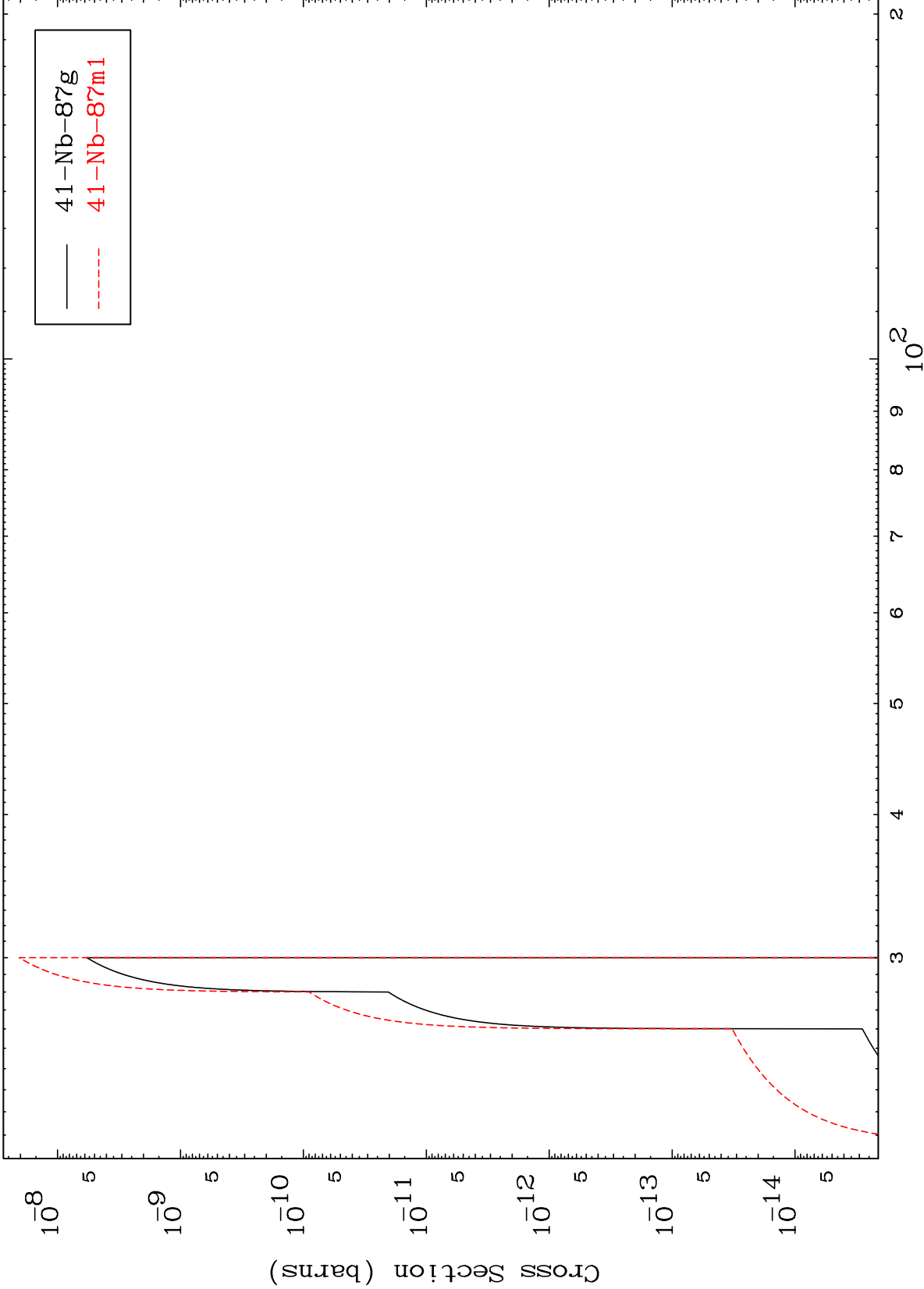
41-Nb-88g
41-Nb-88m1

15

Incident Energy (MeV)

42-Mo-91

Radionuclide Production Cross Section



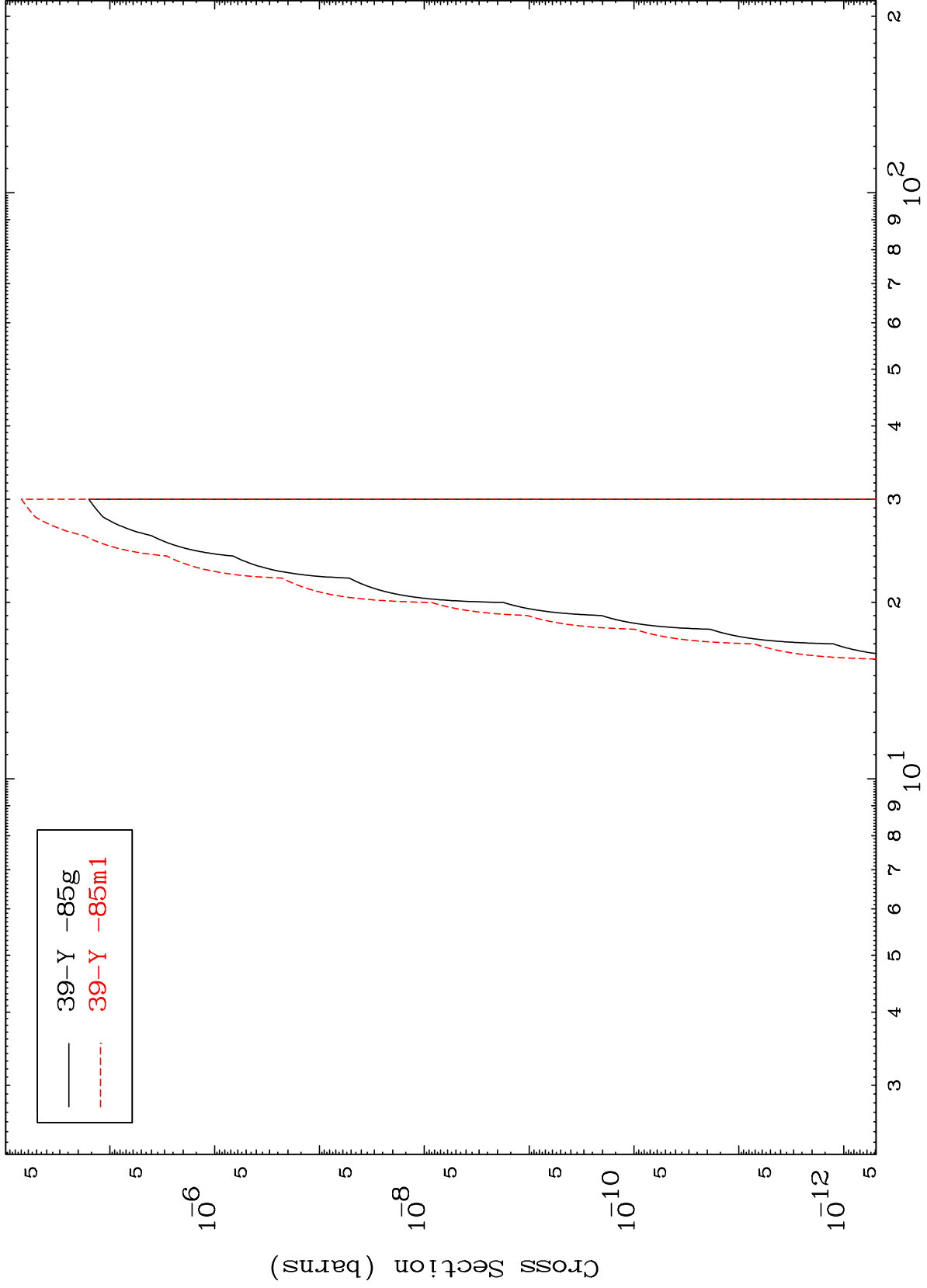
41-Nb-87g
41-Nb-87m1

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(n,n') 2α

42-Mo-91

Radionuclide Production Cross Section



17

Incident Energy (MeV)

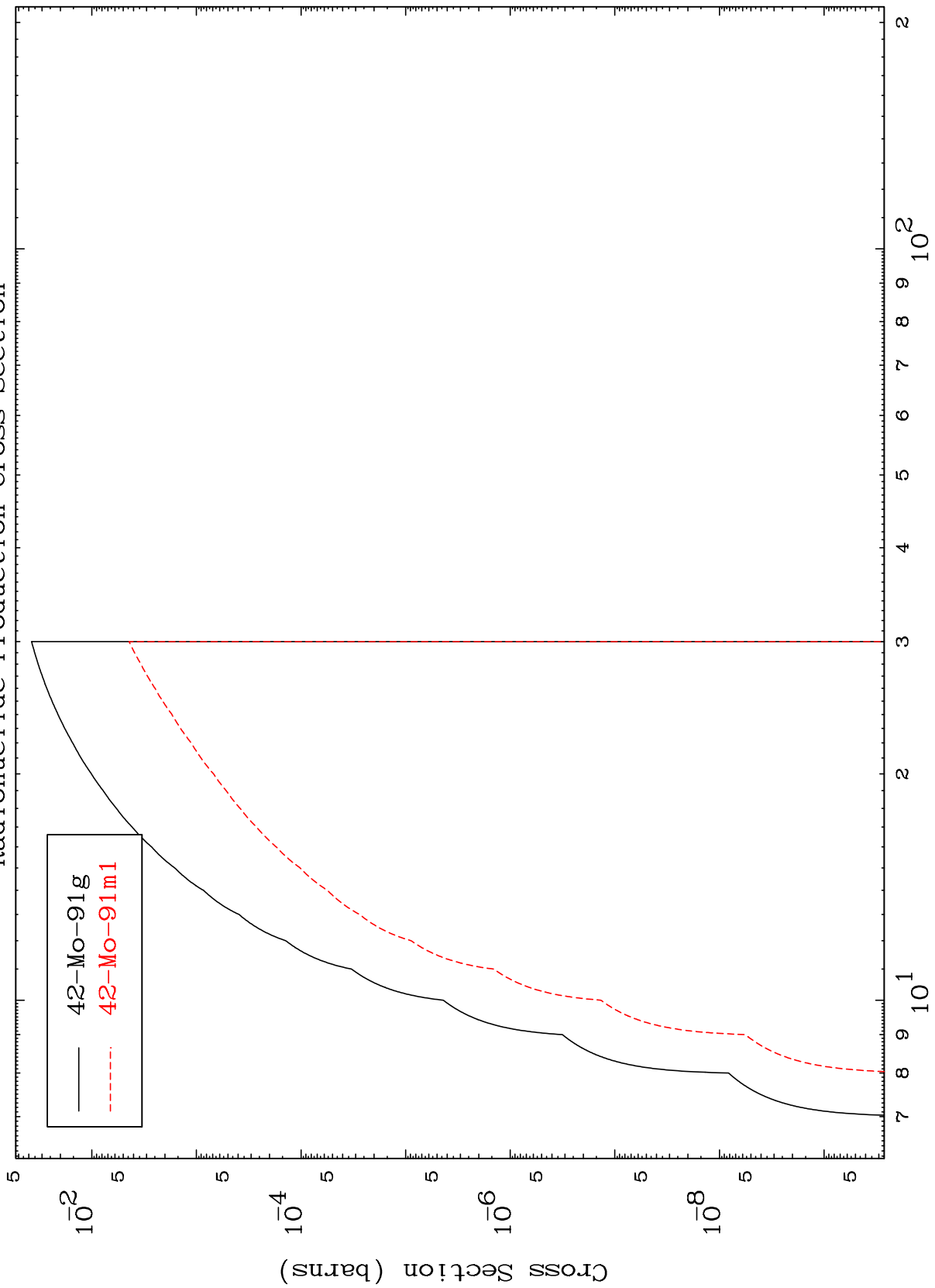
42-Mo-91

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(n,n') d

42-Mo-91

Radionuclide Production Cross Section



42-Mo-91 g
42-Mo-91 m1

18

Incident Energy (MeV)

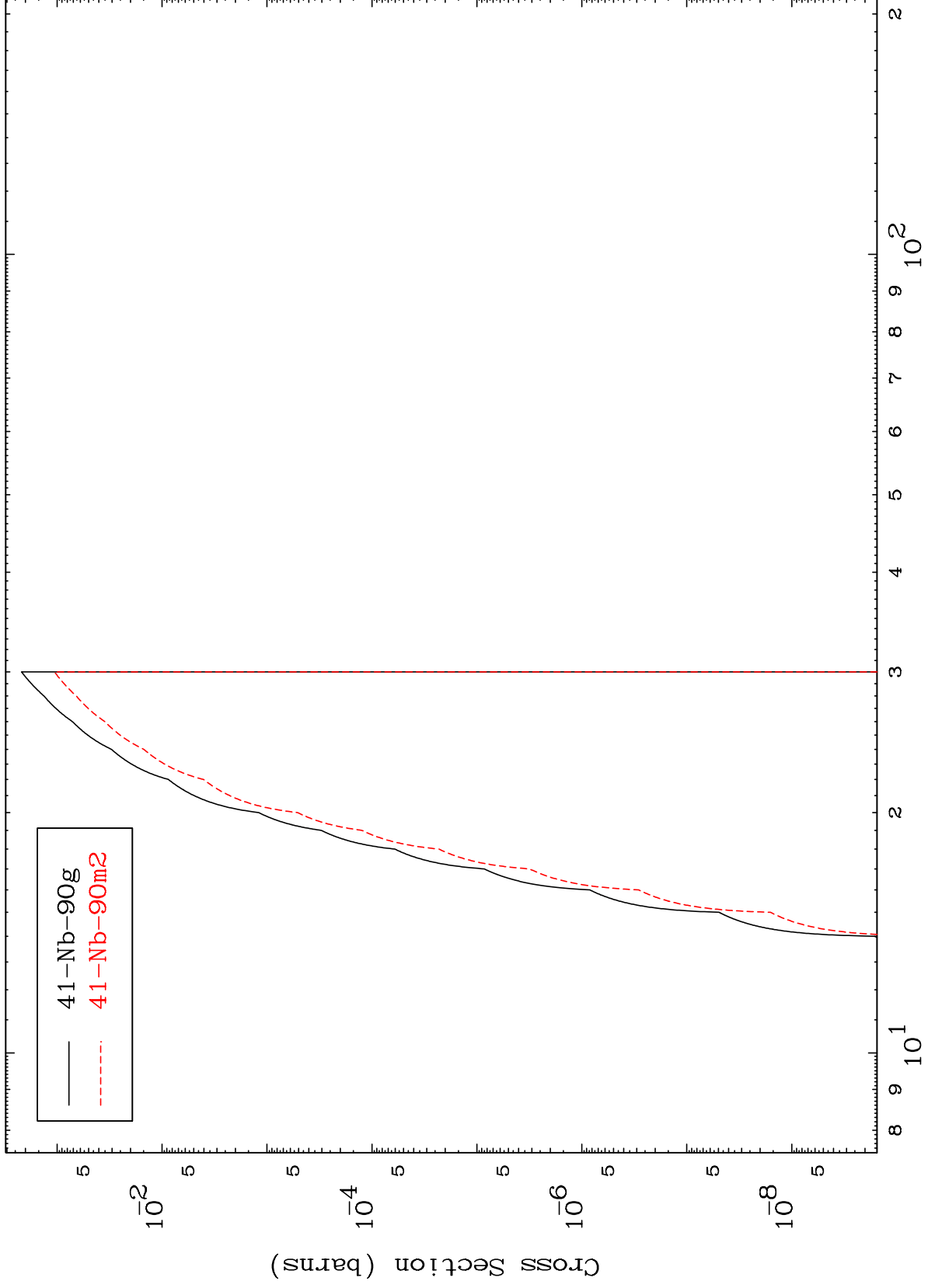
42-Mo-91

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(n,n') He-3

42-Mo-91

Radionuclide Production Cross Section



41-Nb-90g
41-Nb-90m2

19

Incident Energy (MeV)

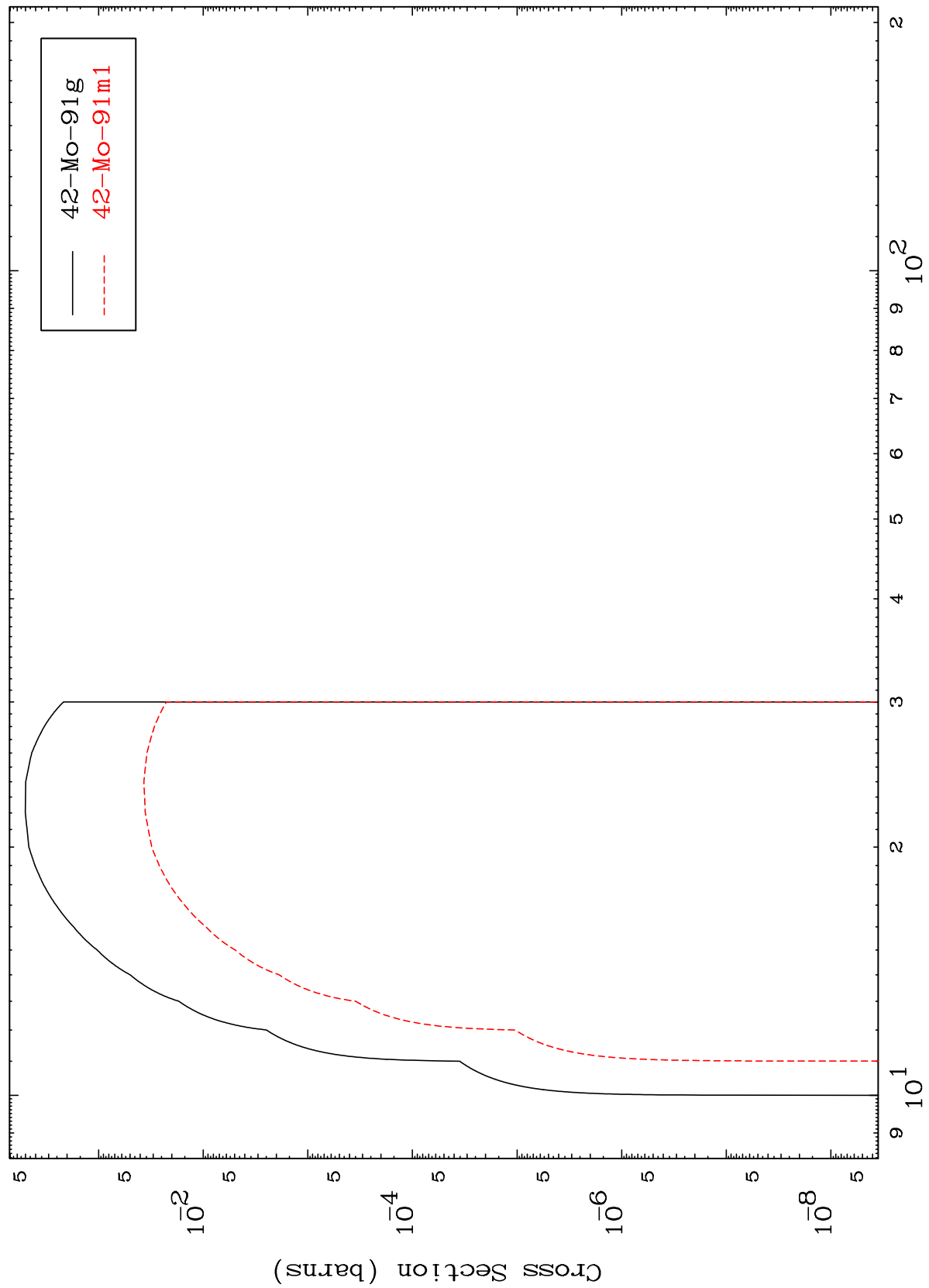
42-Mo-91

MAT 4222

(n,2n) p

42-Mo-91

Radionuclide Production Cross Section



42-Mo-91 g
42-Mo-91 m1

20

Incident Energy (MeV)

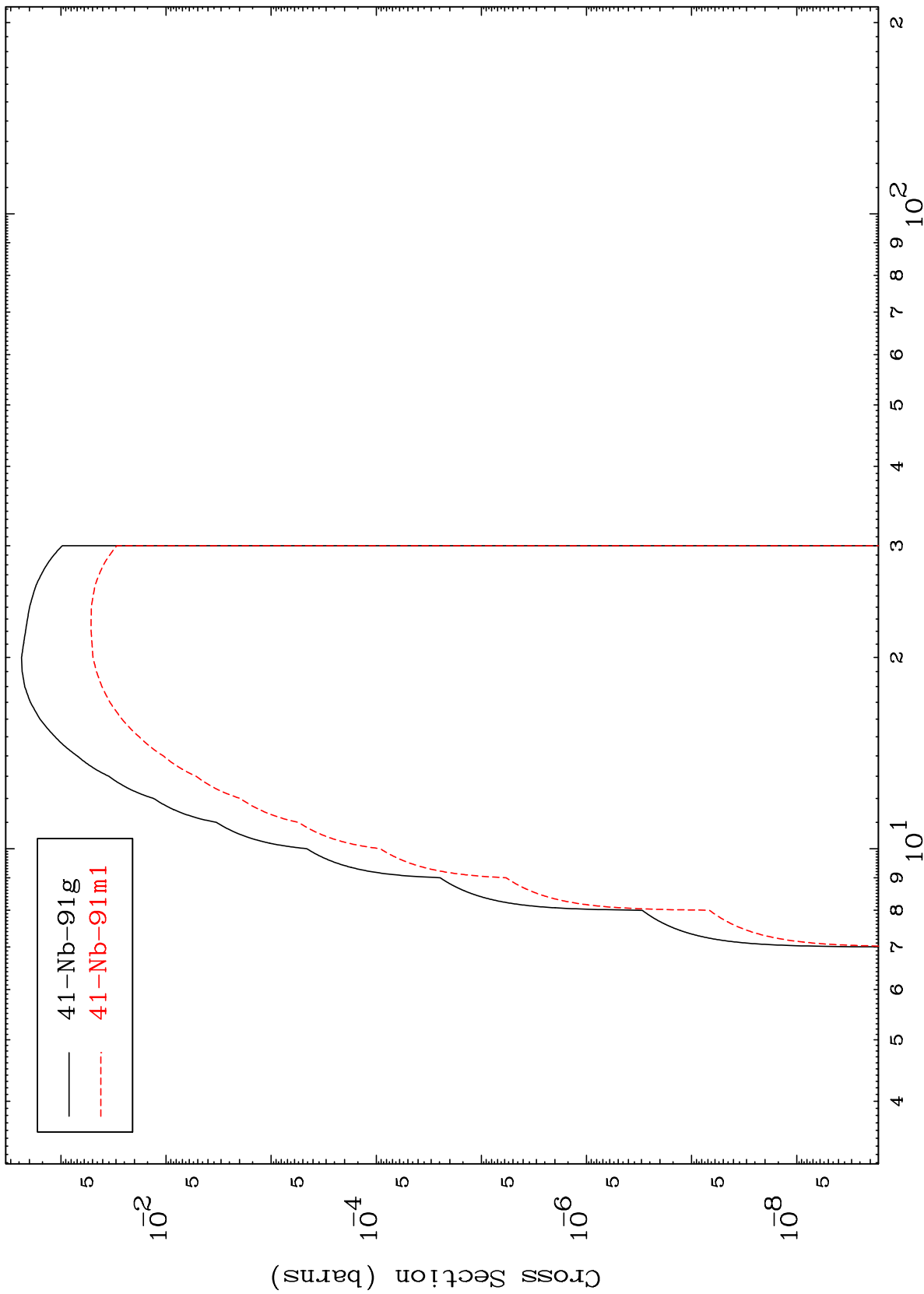
42-Mo-91

MAT 4222

(n,2n) p

42-Mo-91

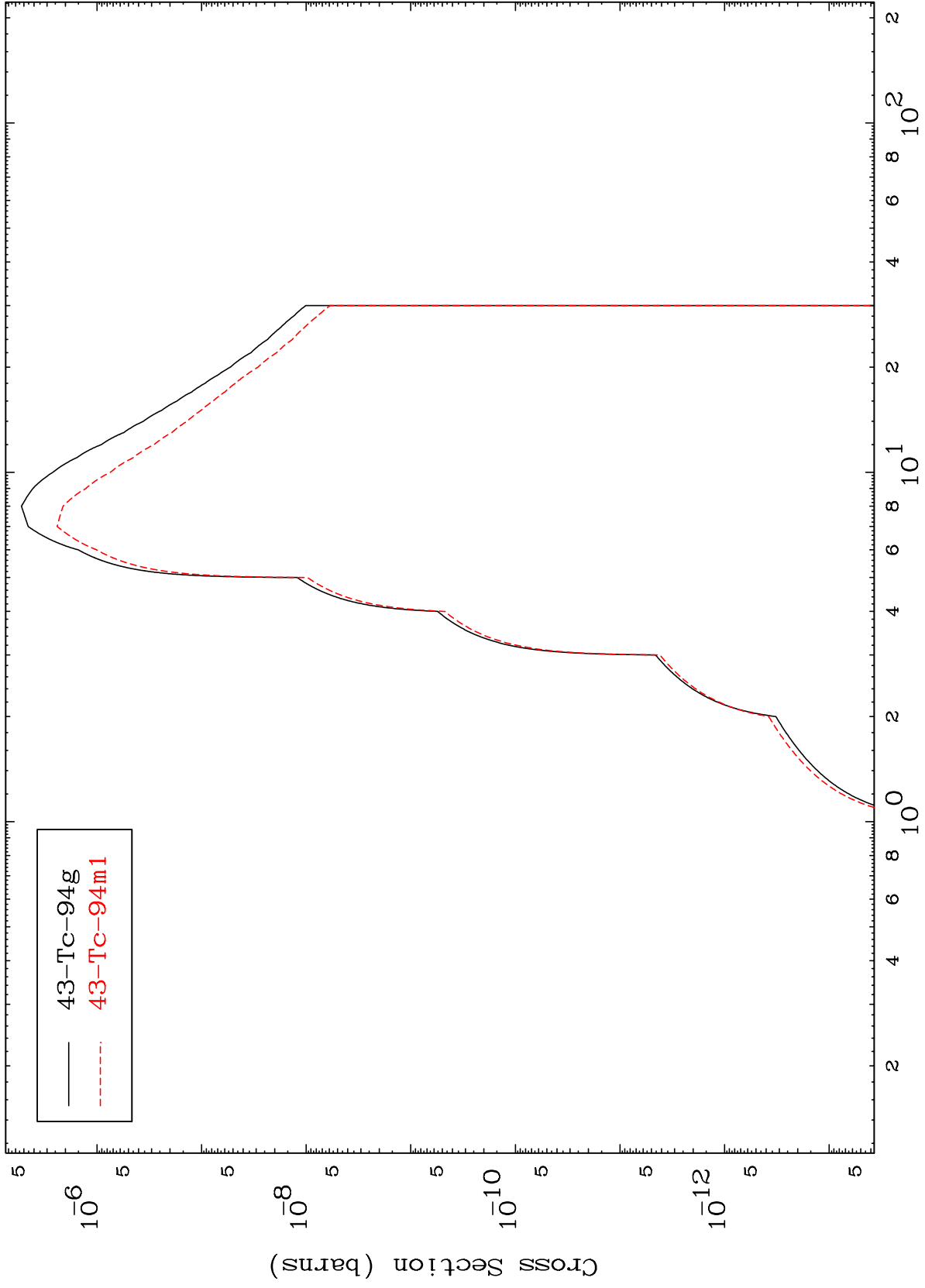
Radionuclide Production Cross Section



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42-Mo-91

(n, γ)
Radionuclide Production Cross Section



42-Mo-91

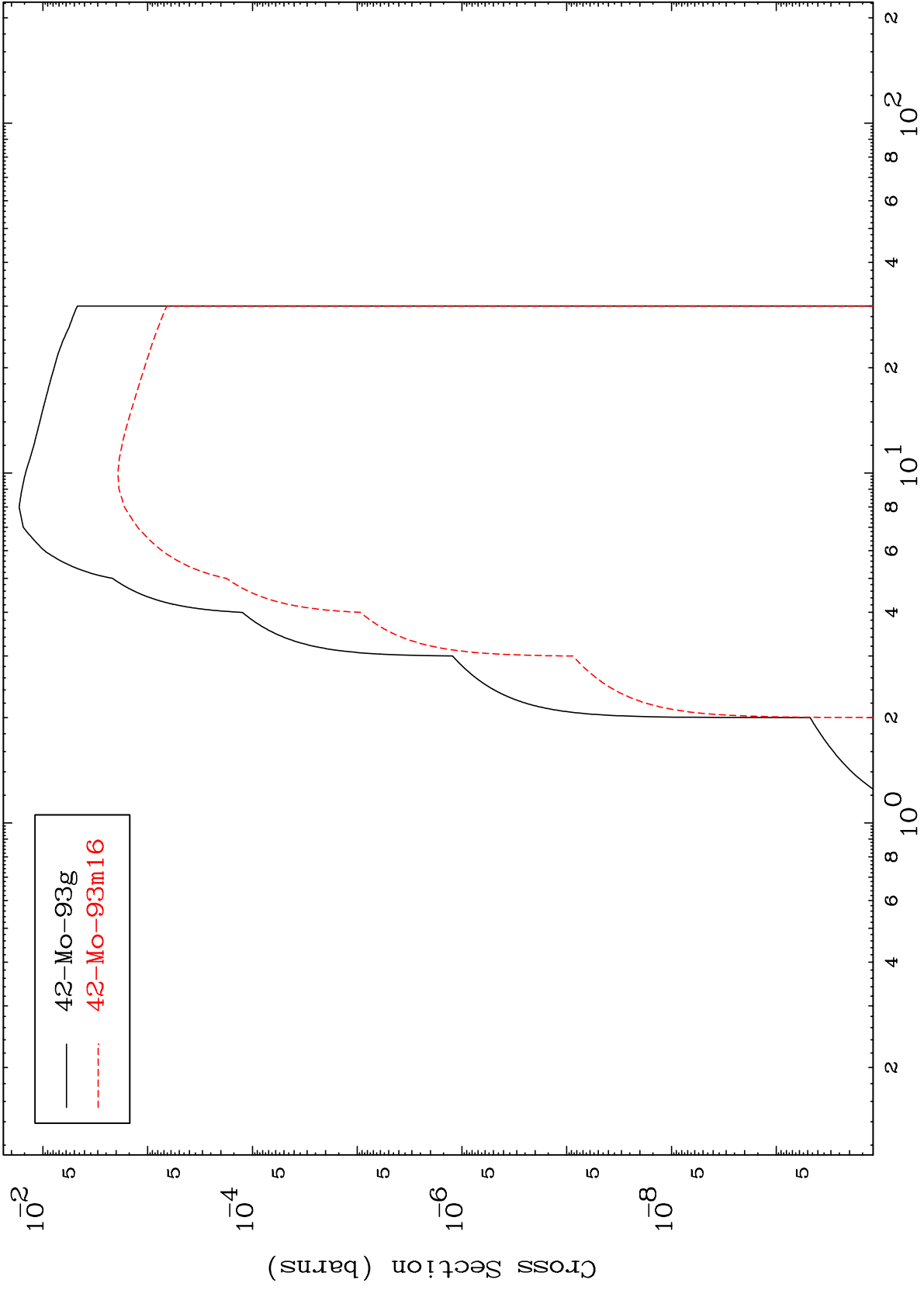
Incident Energy (MeV)

22

MAT 4222

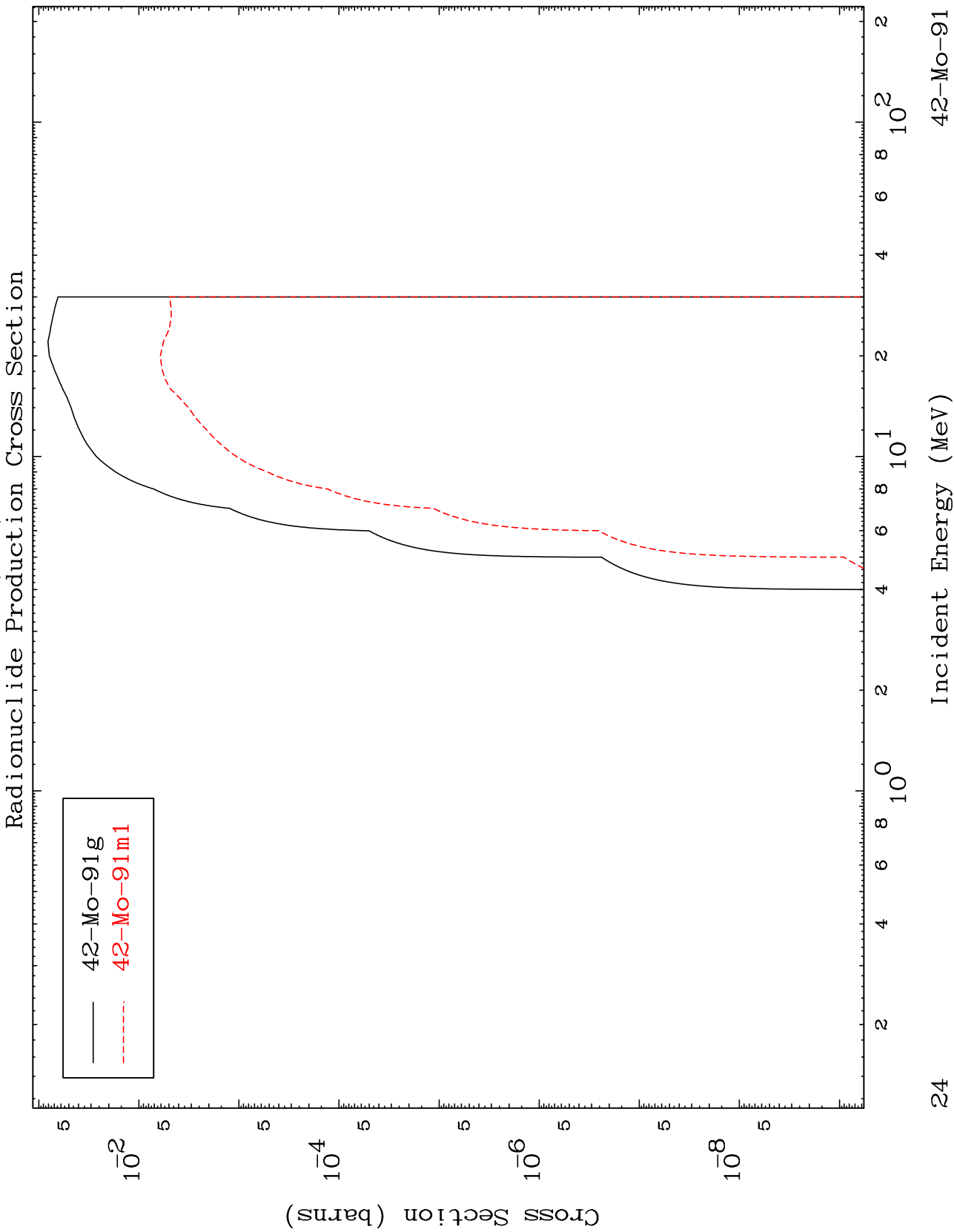
42-Mo-91

(n,p)
Radionuclide Production Cross Section



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42-Mo-91



24

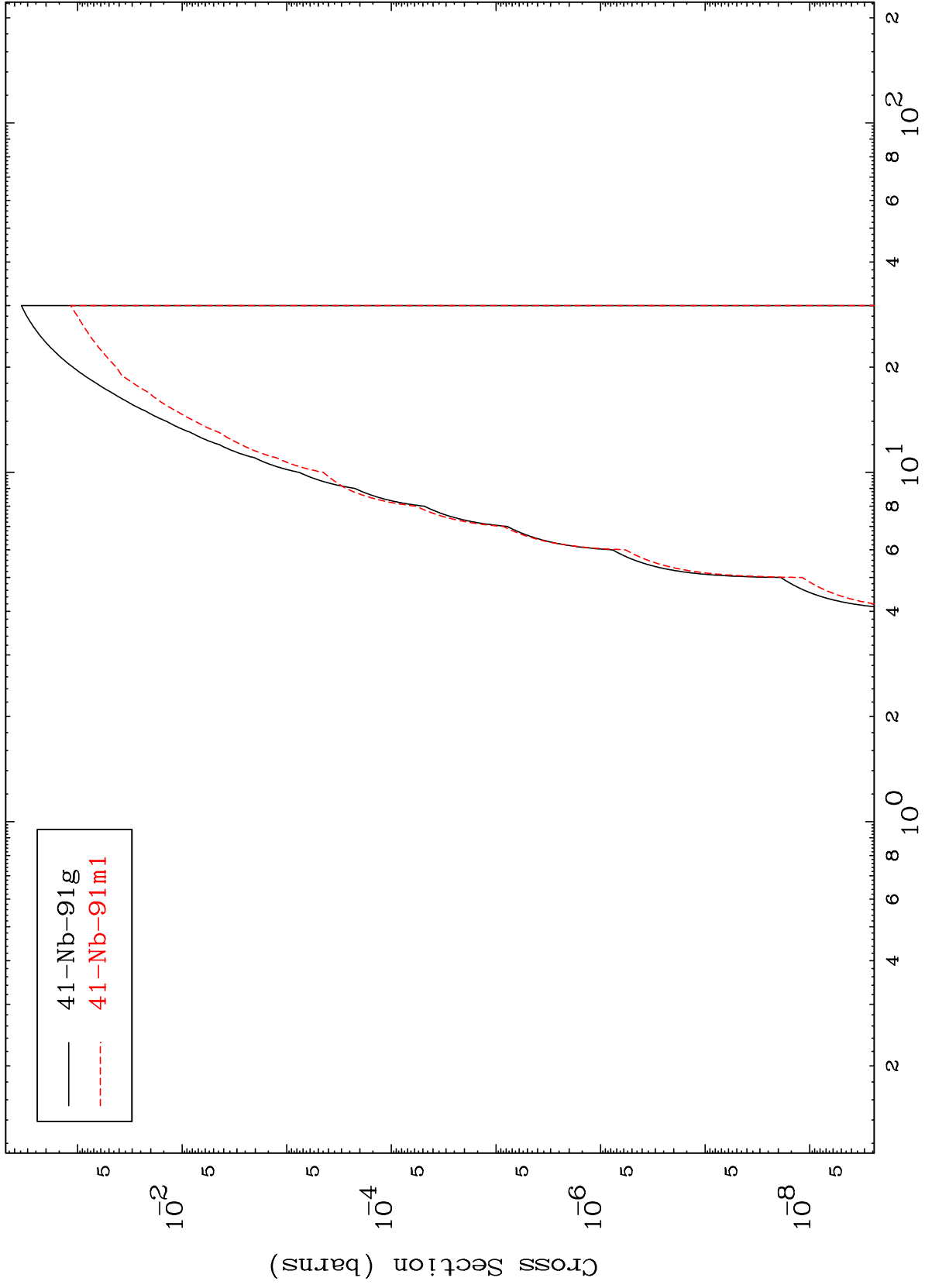
42-Mo-91

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(n,He-3)

42-Mo-91

Radionuclide Production Cross Section



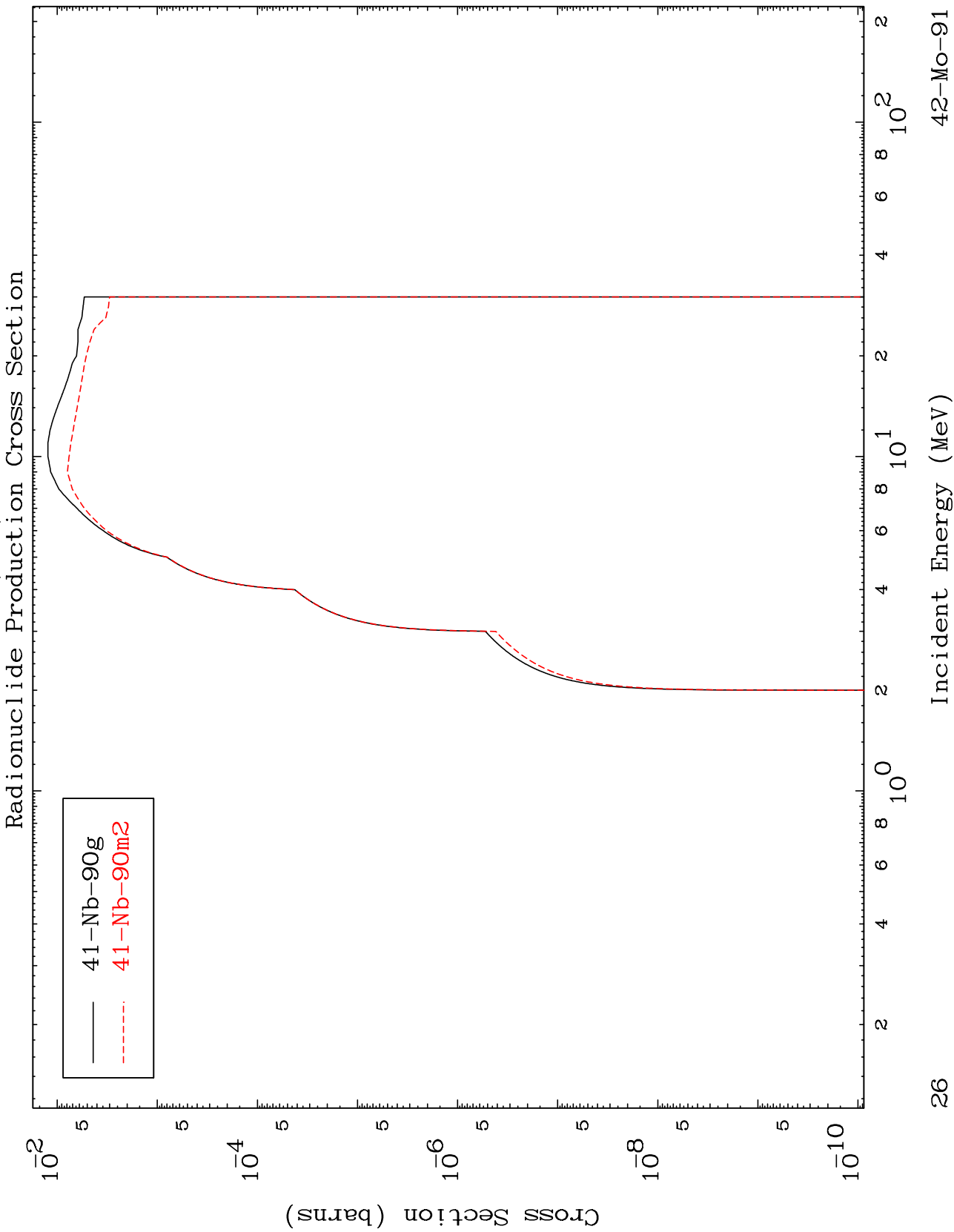
25

Incident Energy (MeV)

42-Mo-91

MAT 4222

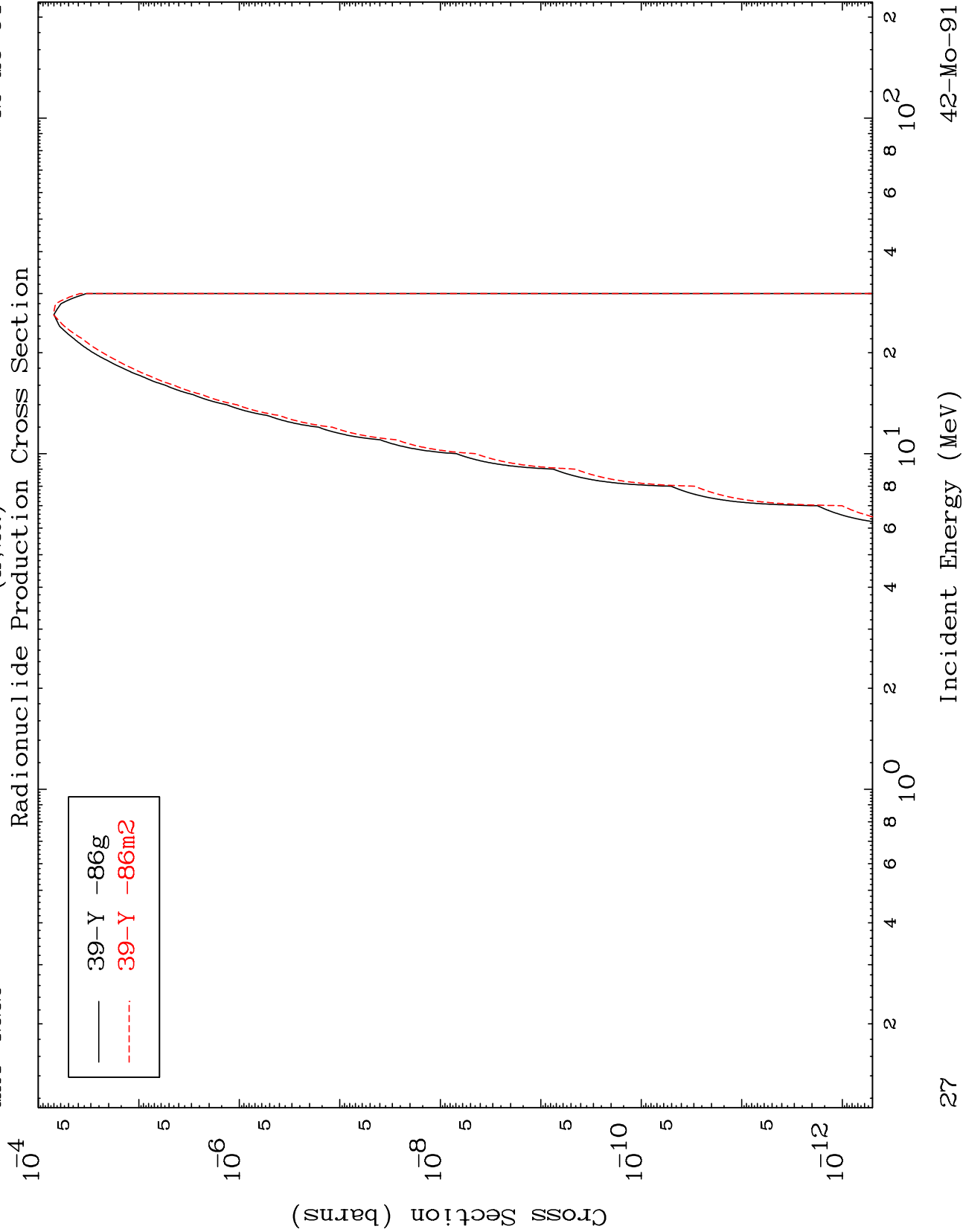
42-Mo-91



MAT 4222

(n,2α)

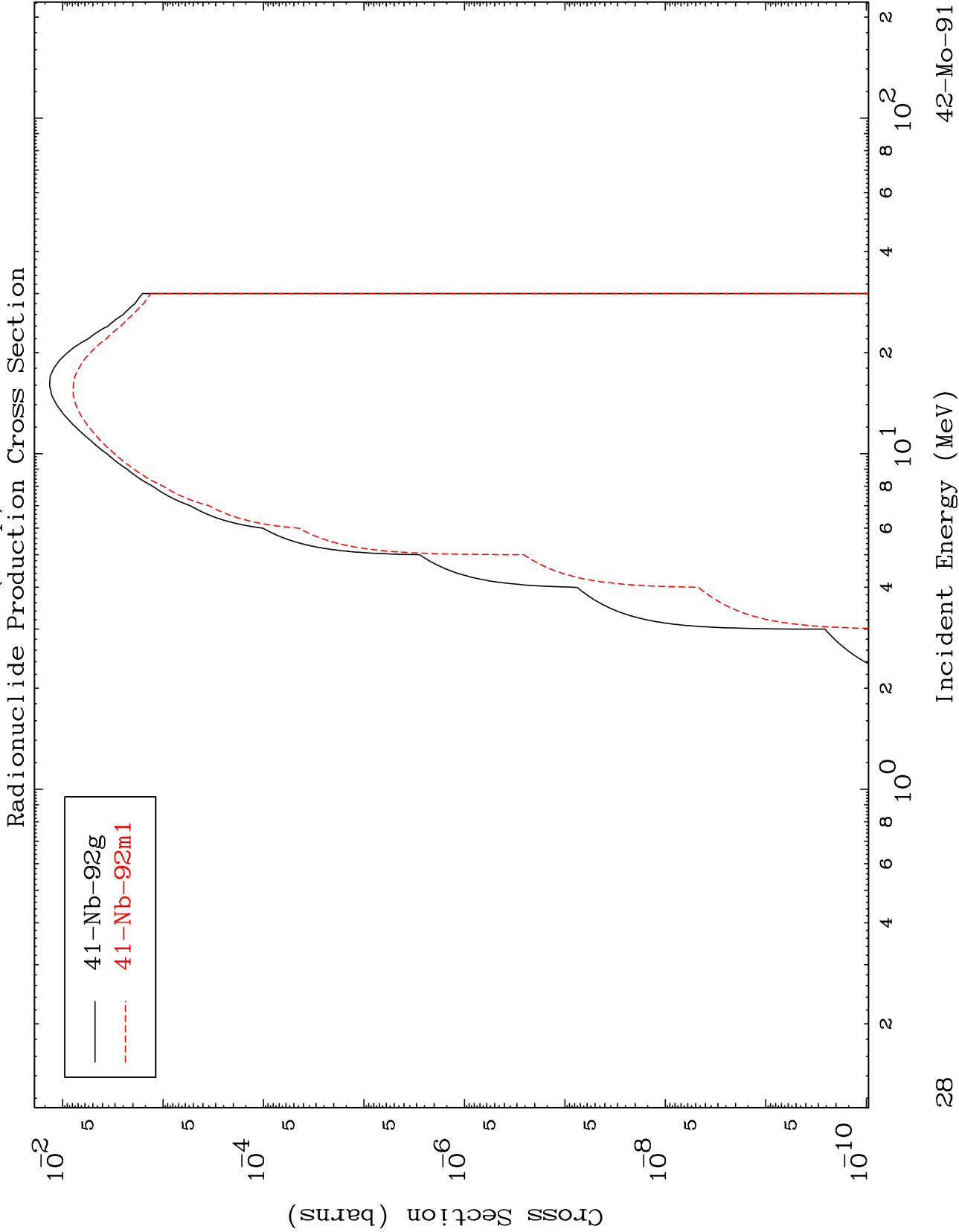
42-Mo-91



MAT 4222

(n,2p)

42-Mo-91

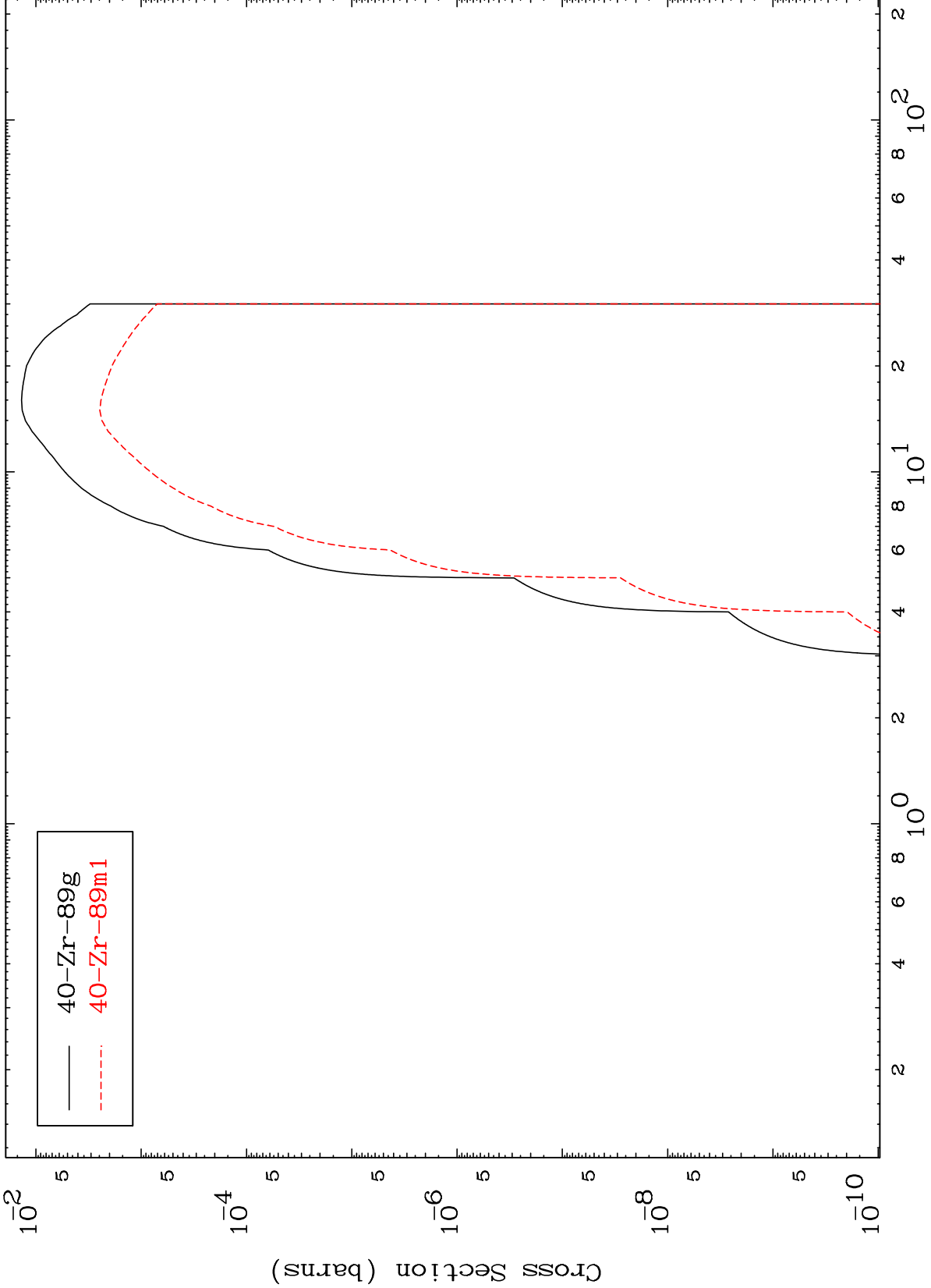


MAT 4222

(n,p) α

42-Mo-91

Radionuclide Production Cross Section



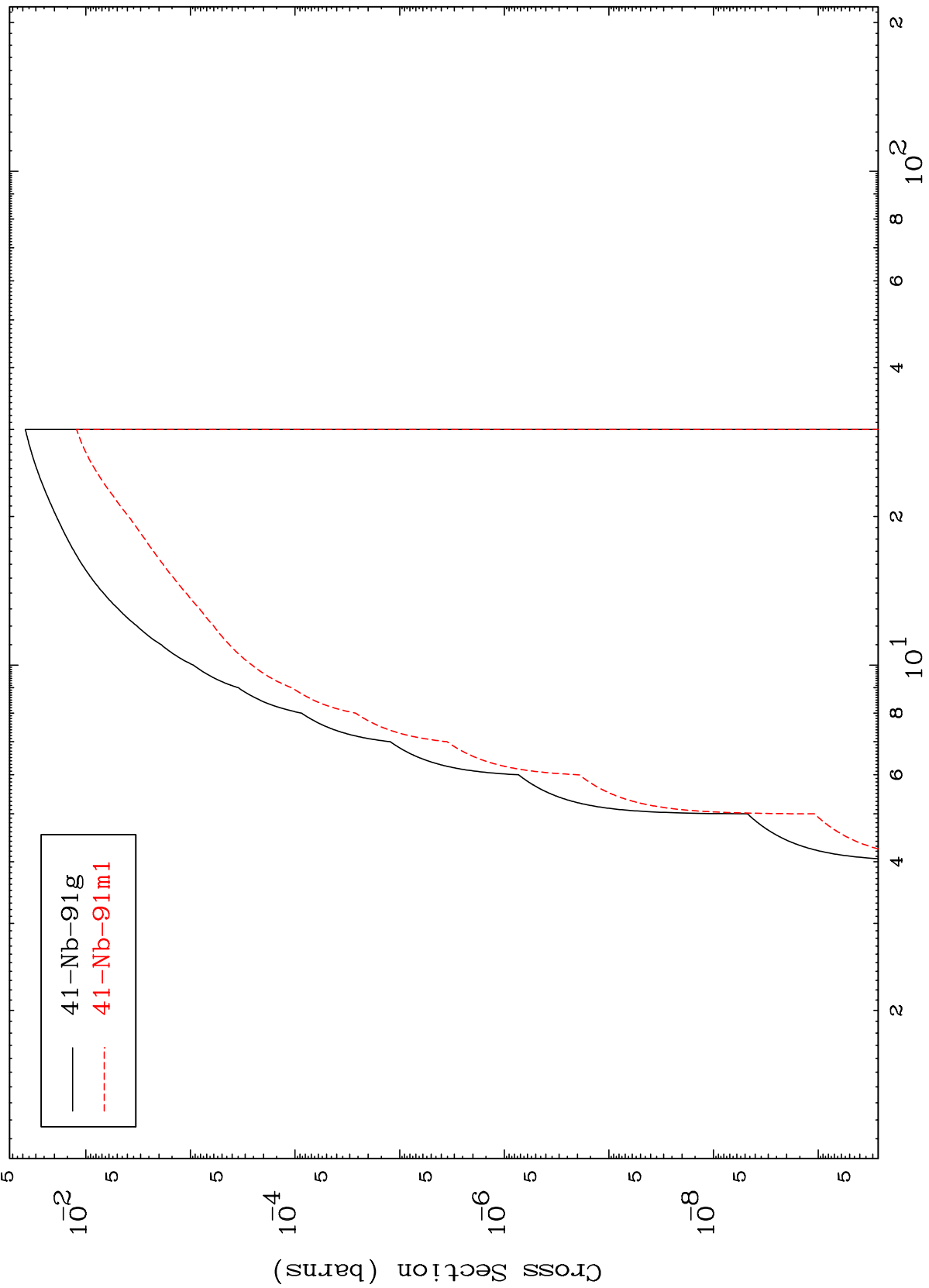
— 40-Zr-89g
- - - 40-Zr-89m1

MAT 4222

(n,p) d

42-Mo-91

Radionuclide Production Cross Section



— 41-Nb-91g
- - - 41-Nb-91m1

30

Incident Energy (MeV)

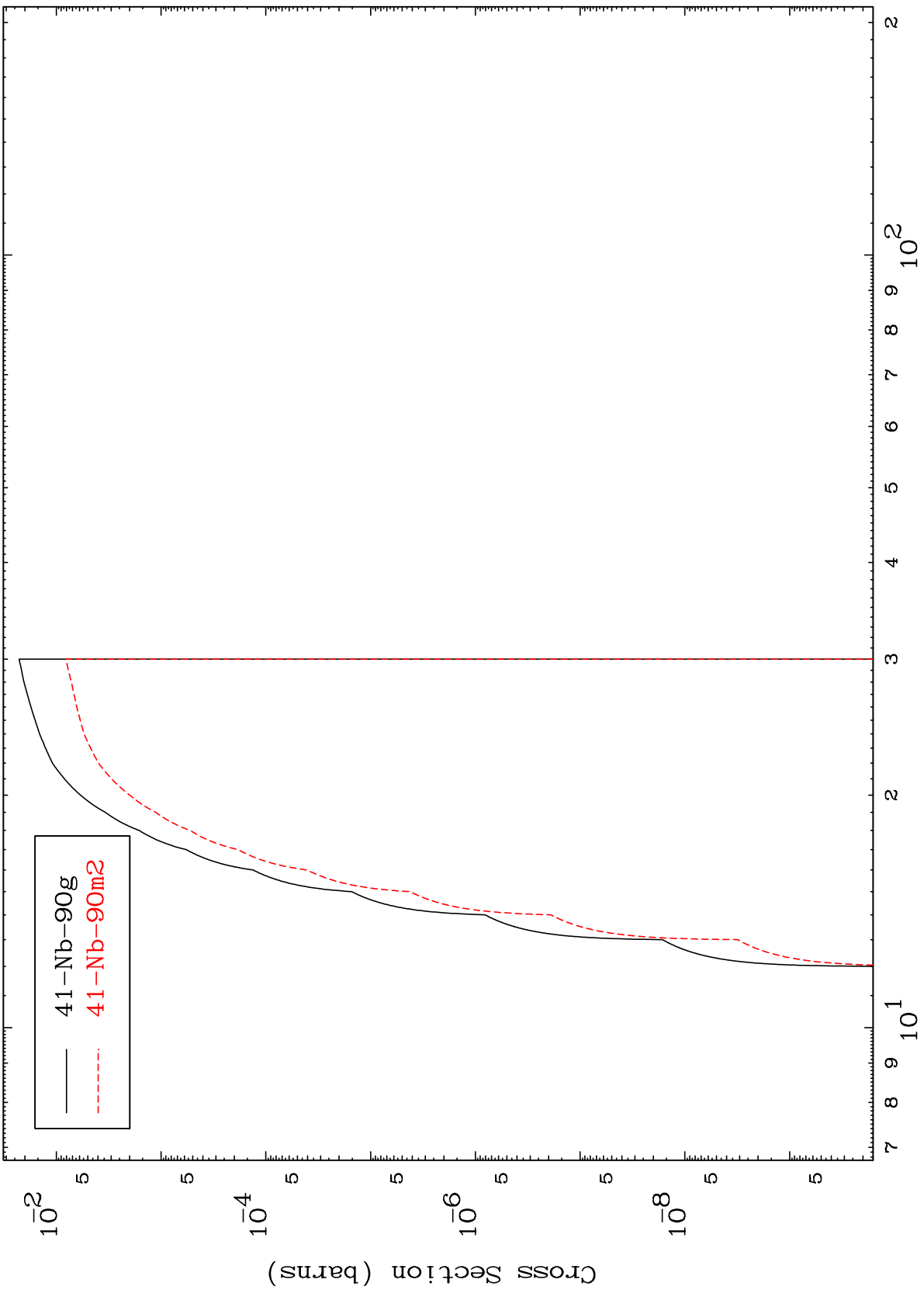
42-Mo-91

MAT 4222

(n,p) t

42-Mo-91

Radionuclide Production Cross Section



31

Incident Energy (MeV)

42-Mo-91