

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

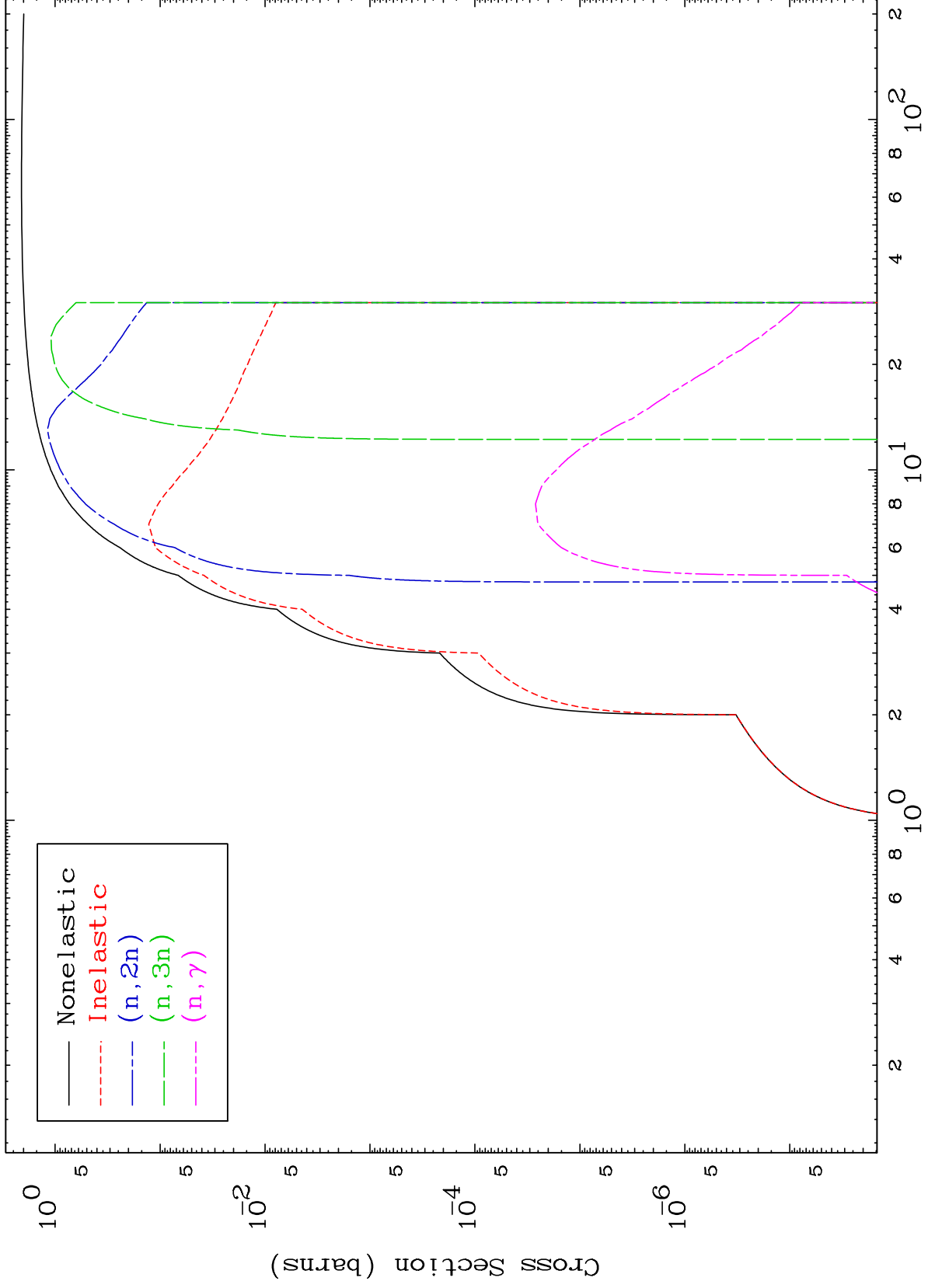
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

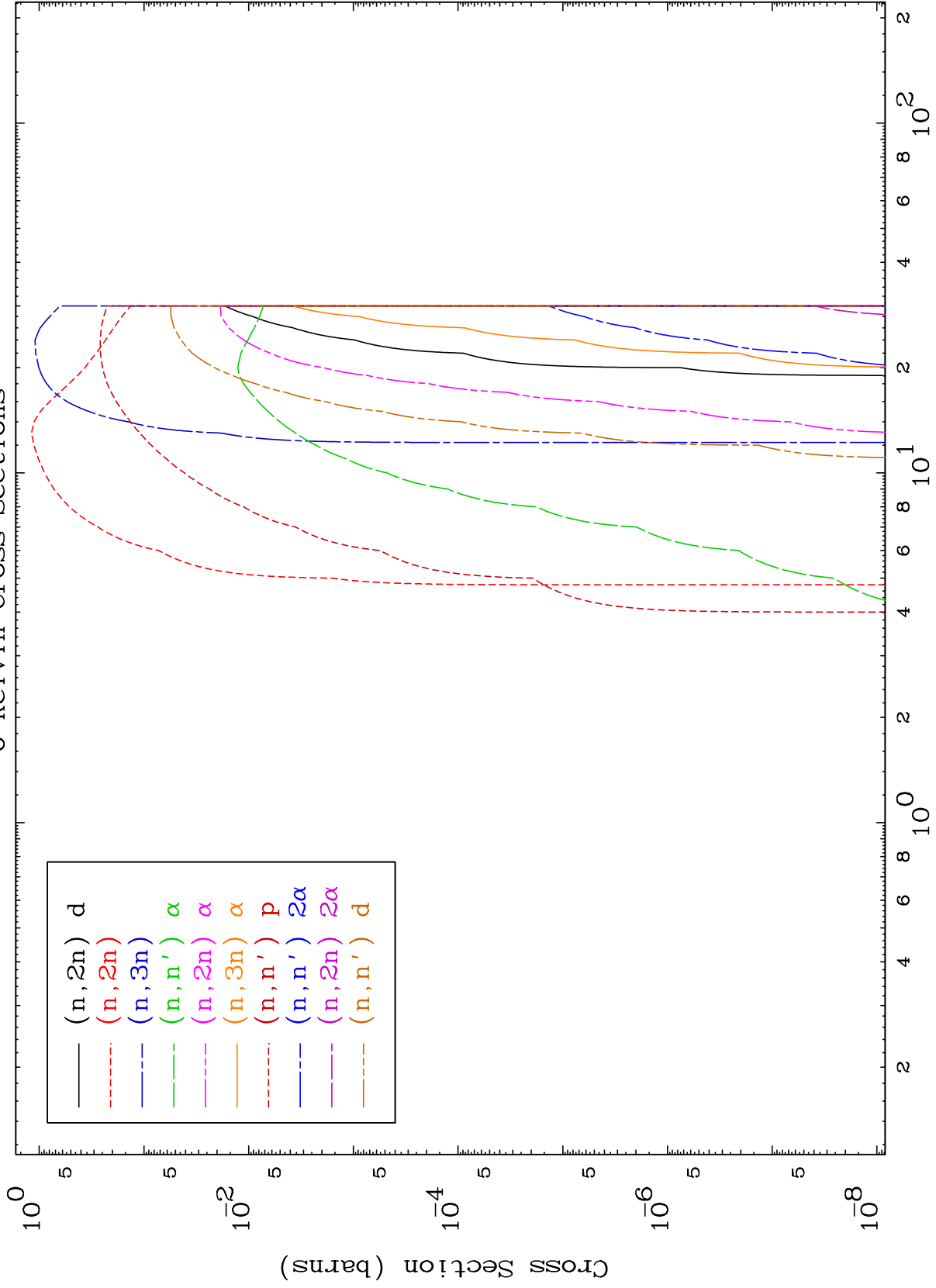
Press Mouse Button to Start

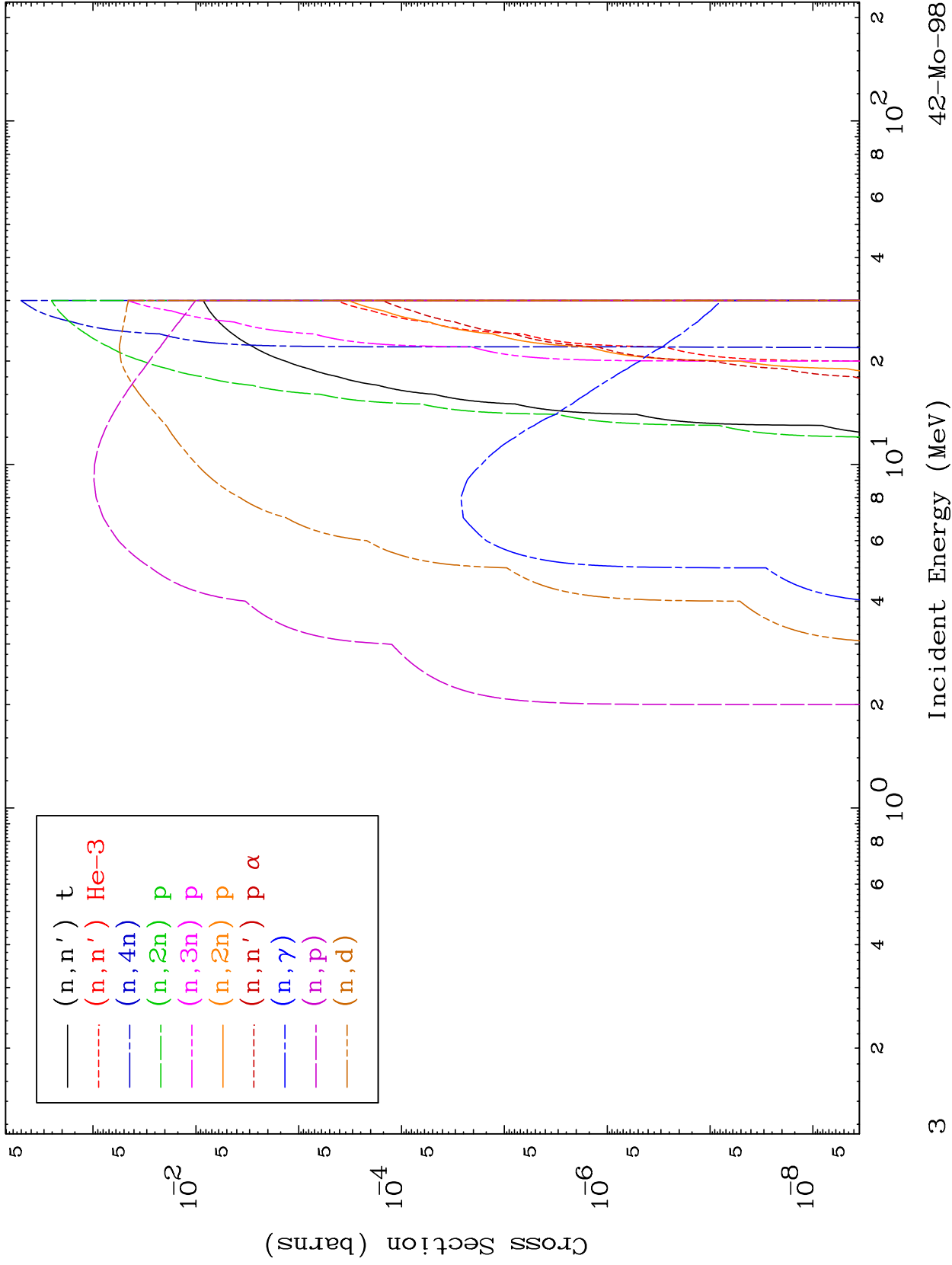


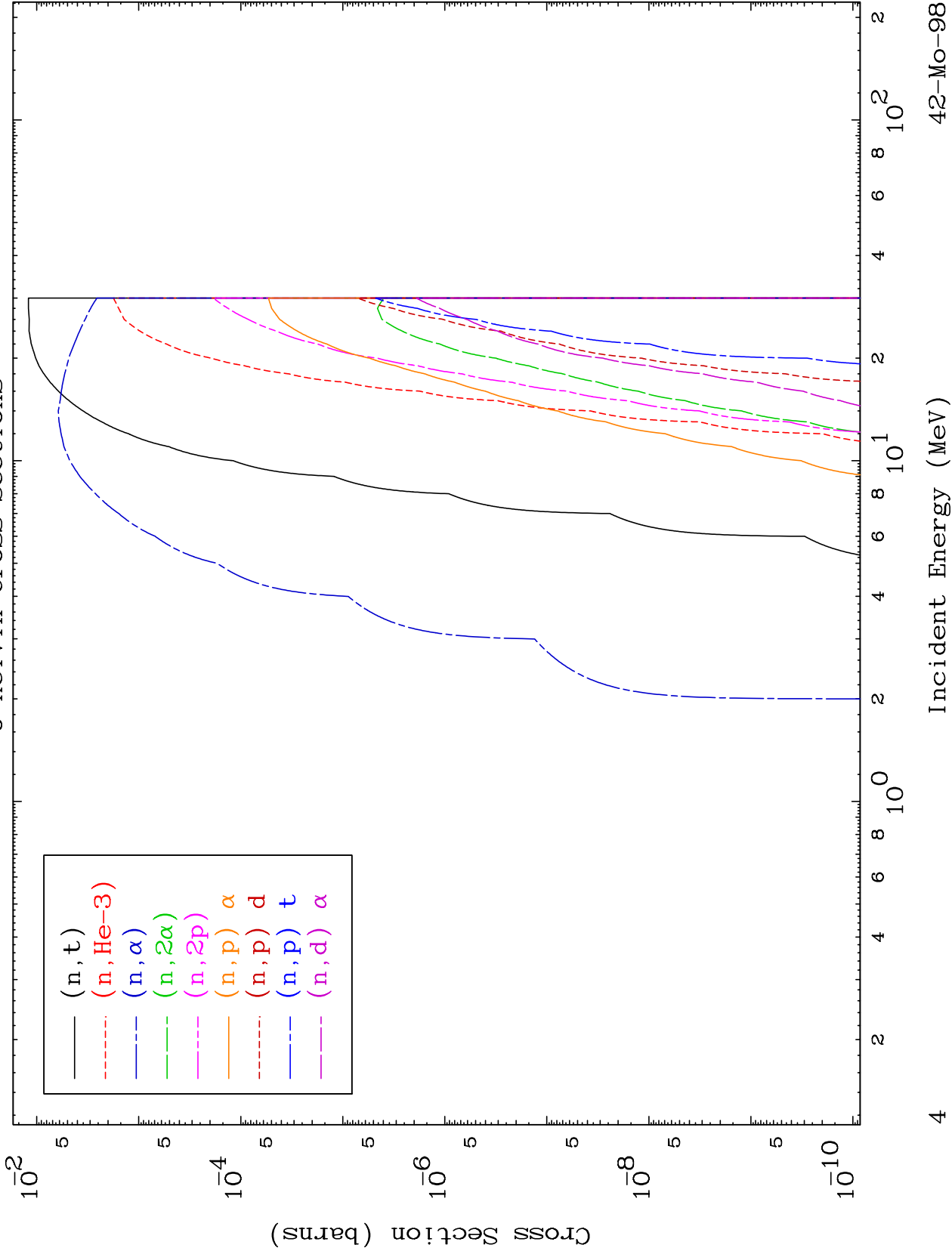
MAT 4243

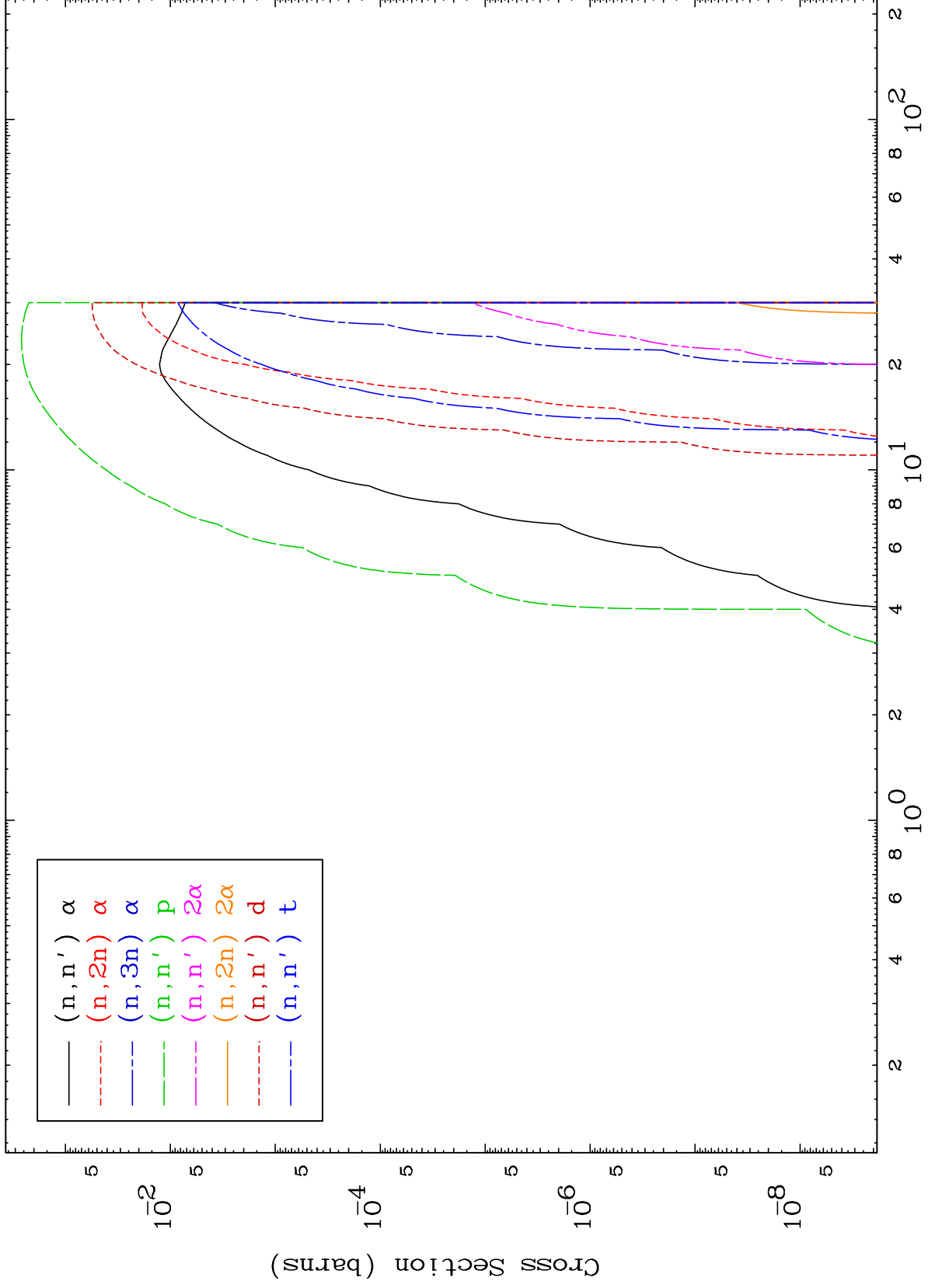
Deuteron Neutron Absorption
0 Kelvin Cross Sections

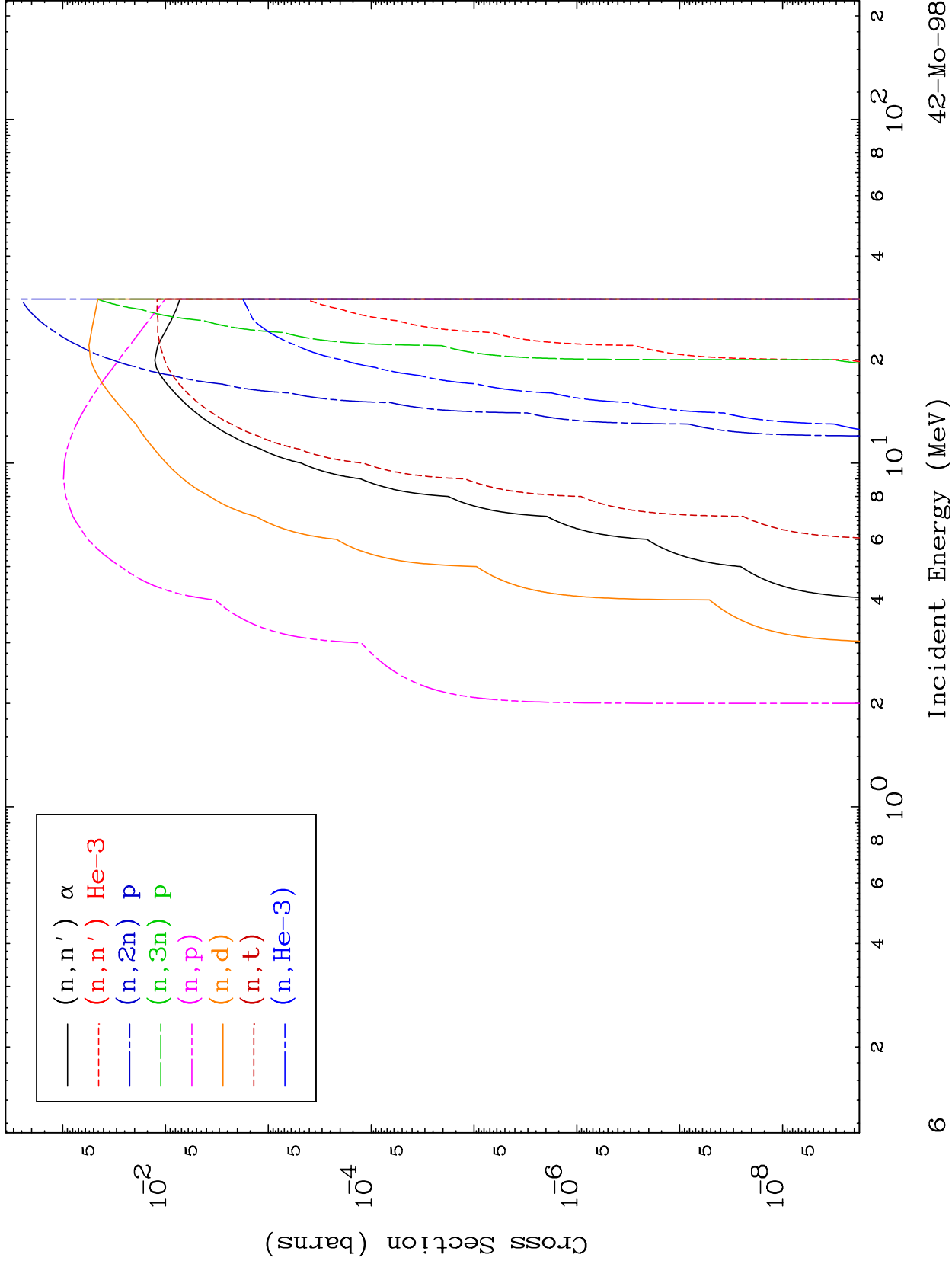
42-Mo-98

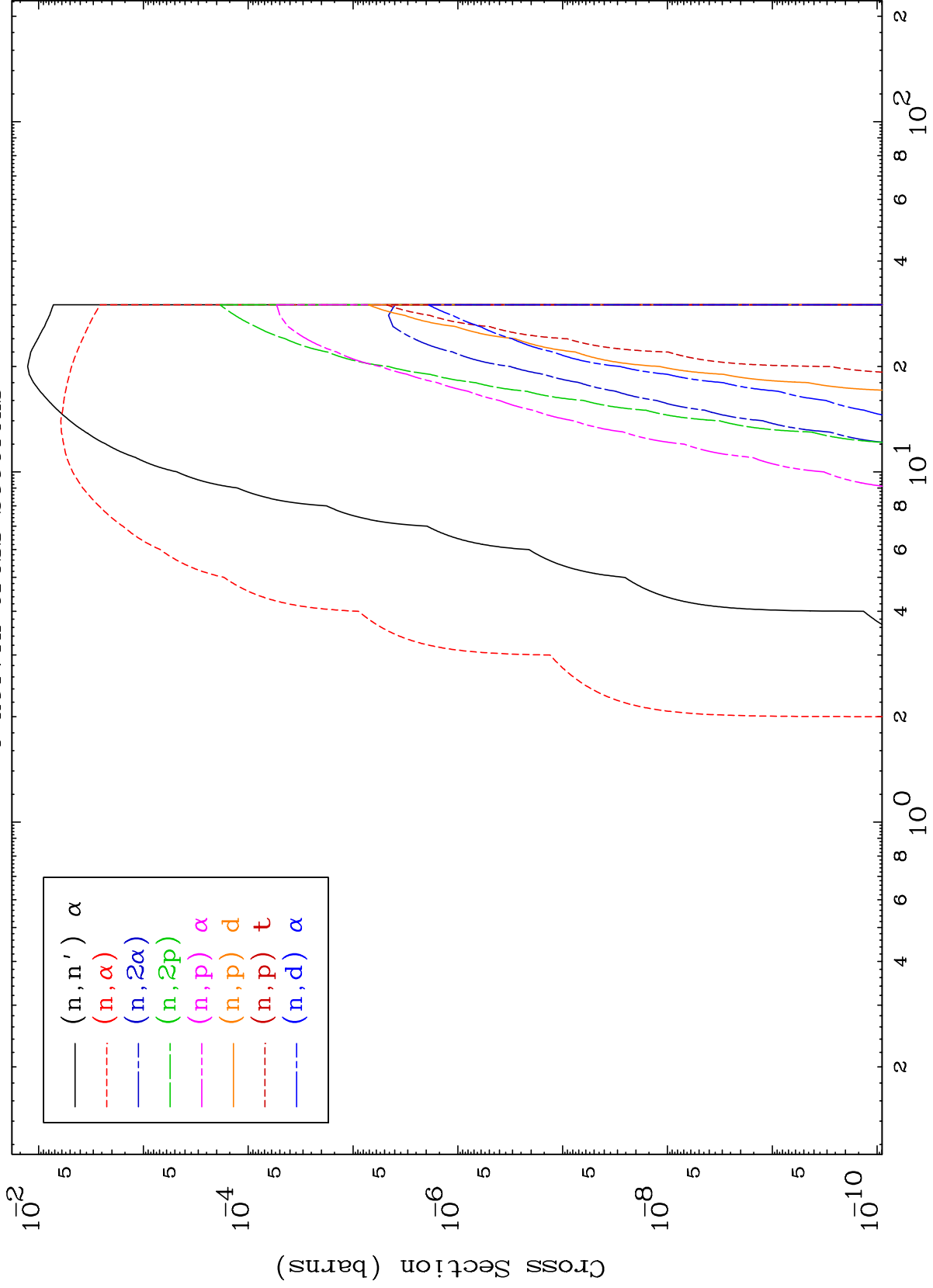










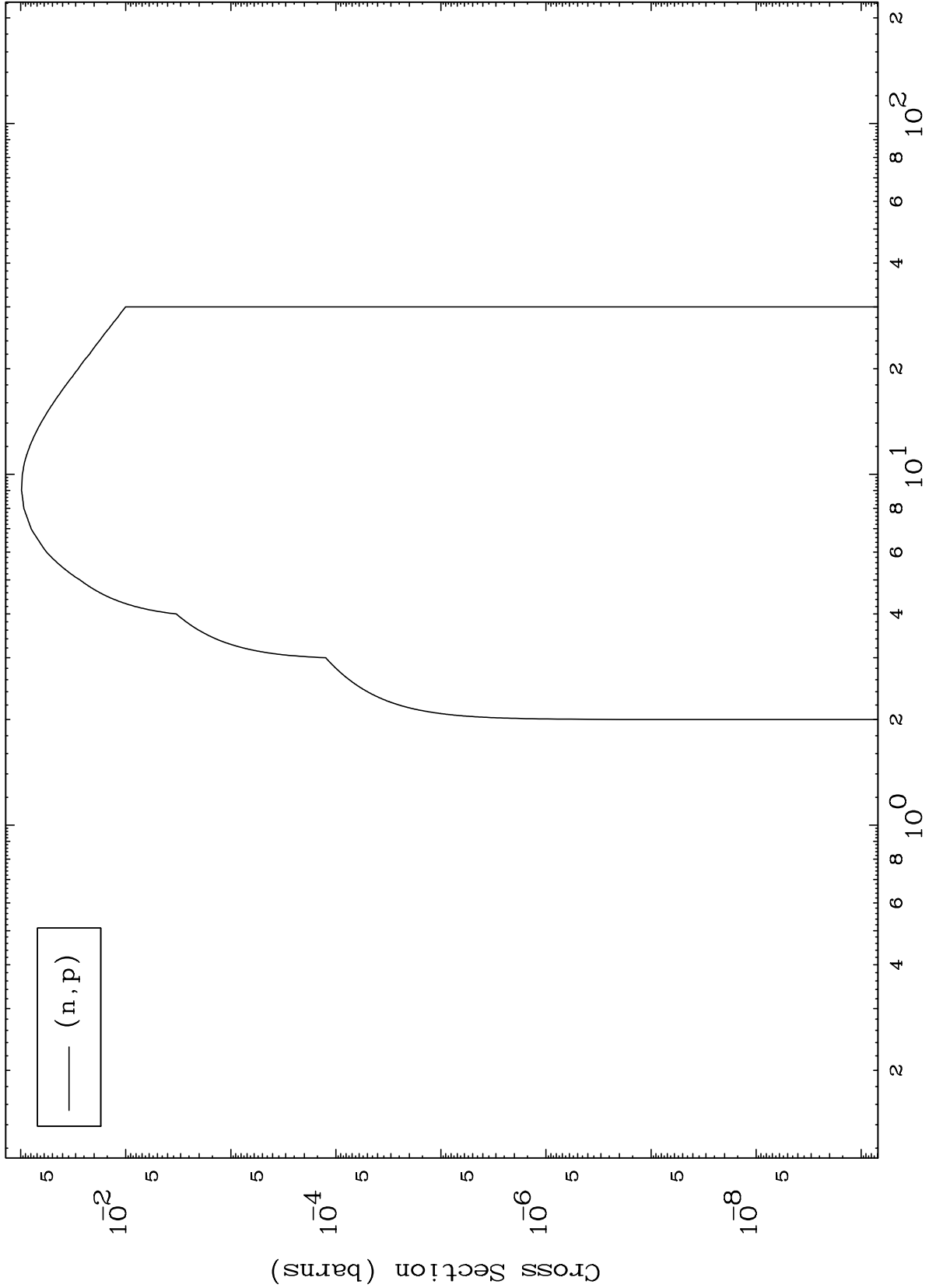


MAT 4243

(d,p) Levels

42-Mo-98

0 Kelvin Cross Sections



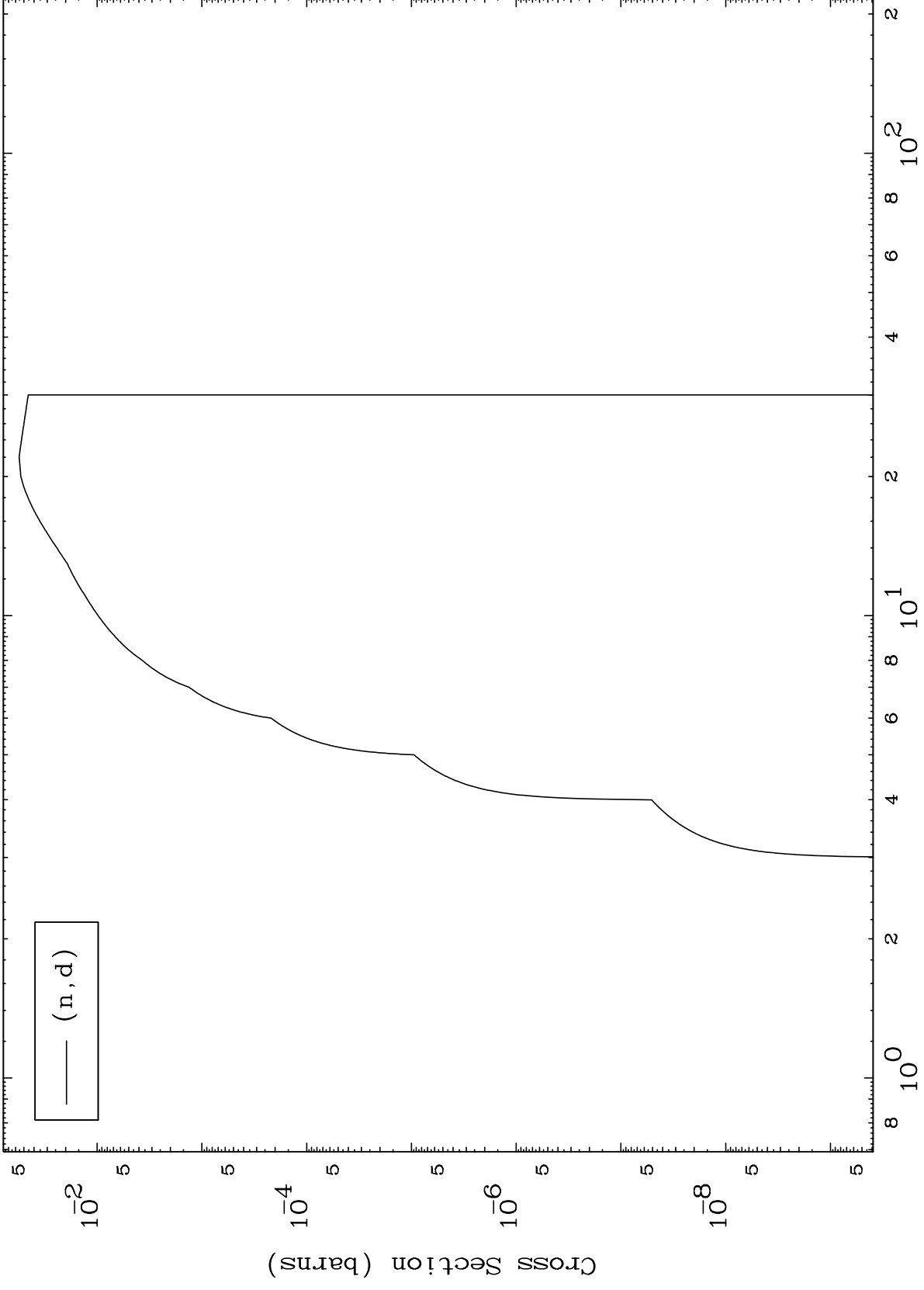
(n,p)

MAT 4243

(d,d) Levels

42-Mo-98

0 Kelvin Cross Sections



9

Incident Energy (MeV)

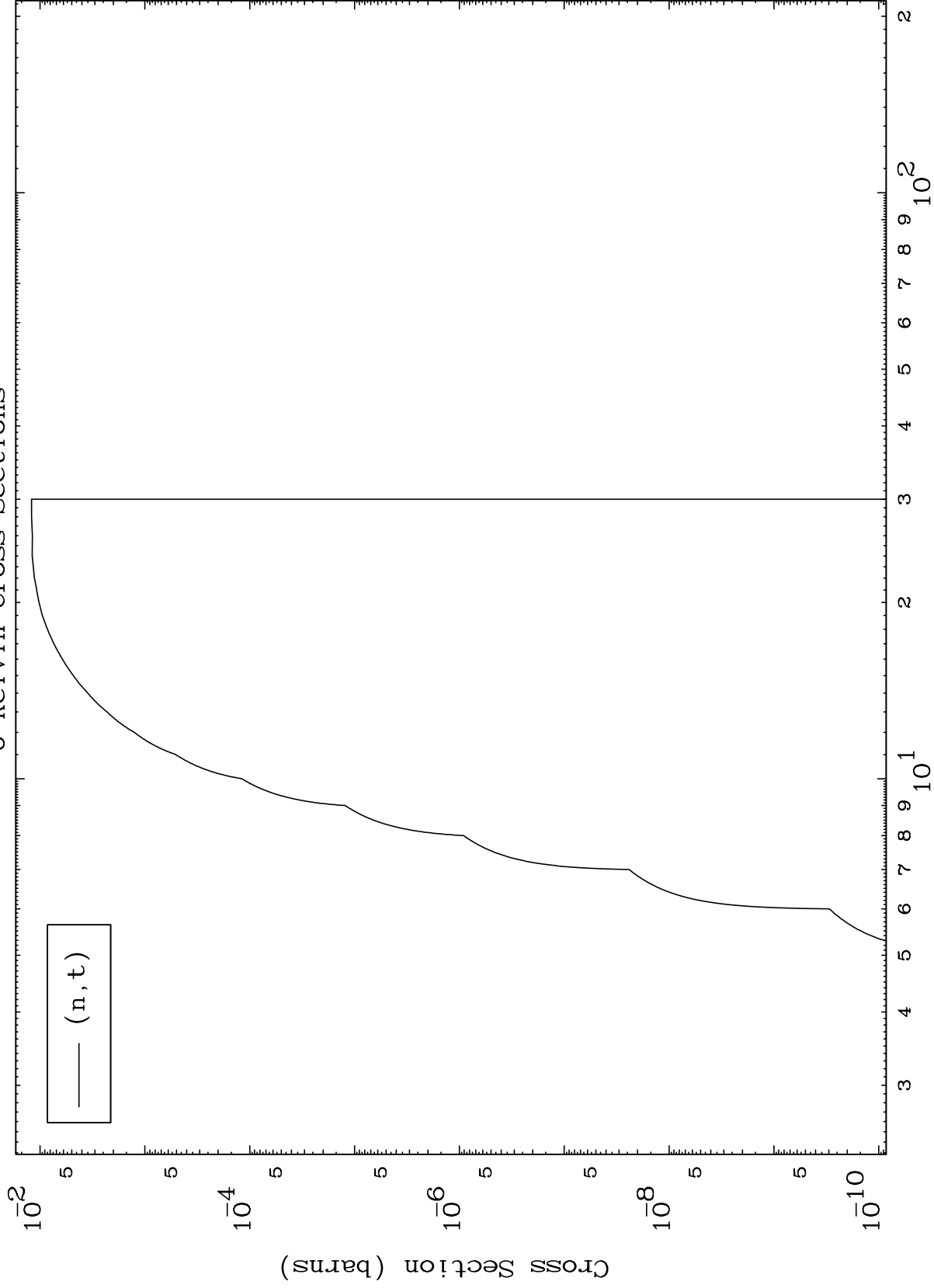
42-Mo-98

MAT 4243

(d, t) Levels

42-Mo-98

0 Kelvin Cross Sections

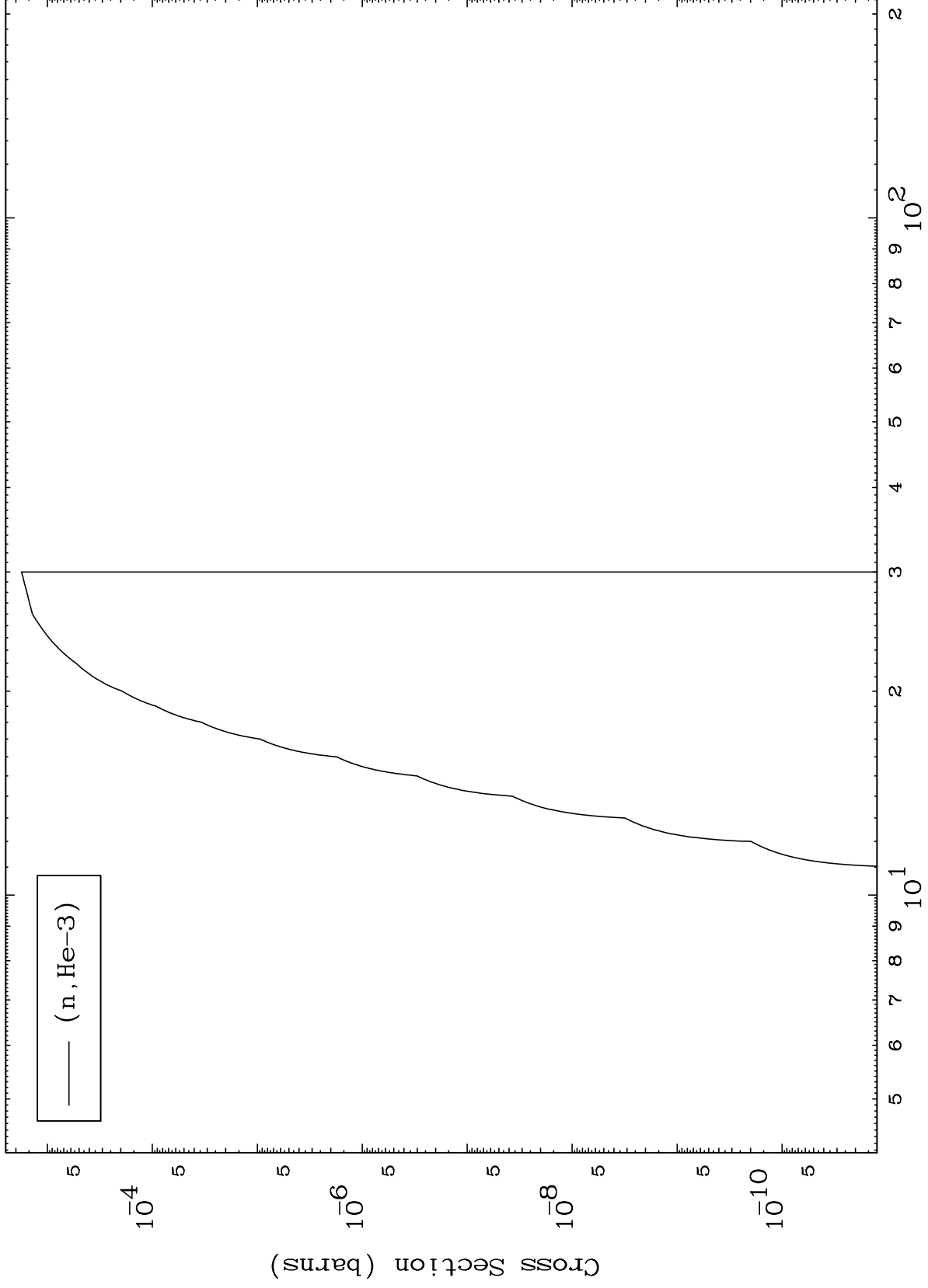


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Incident Energy (MeV)

42-Mo-98

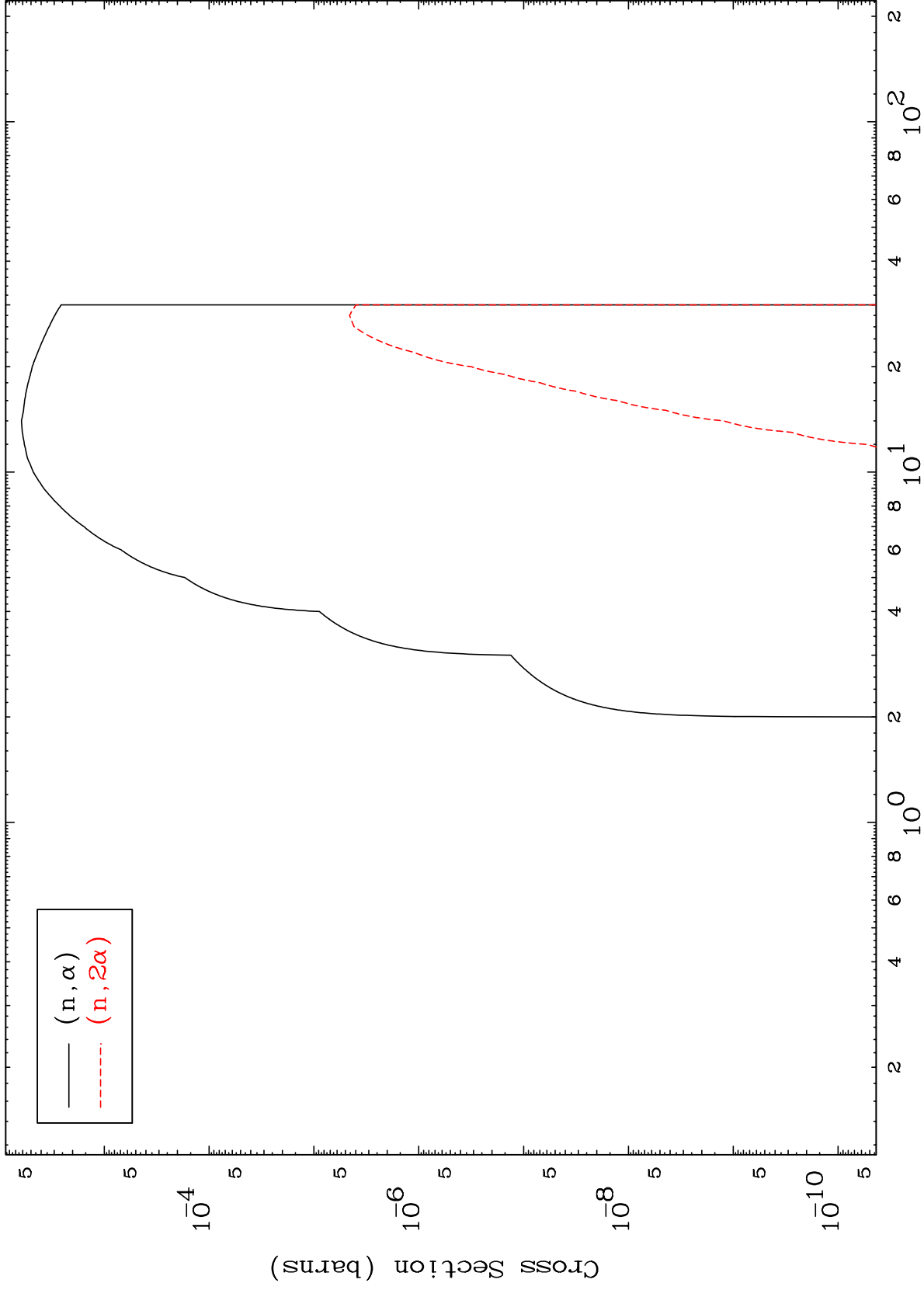
(d,He3) Levels
0 Kelvin Cross Sections



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(d, α) Levels
0 Kelvin Cross Sections

42-Mo-98



12

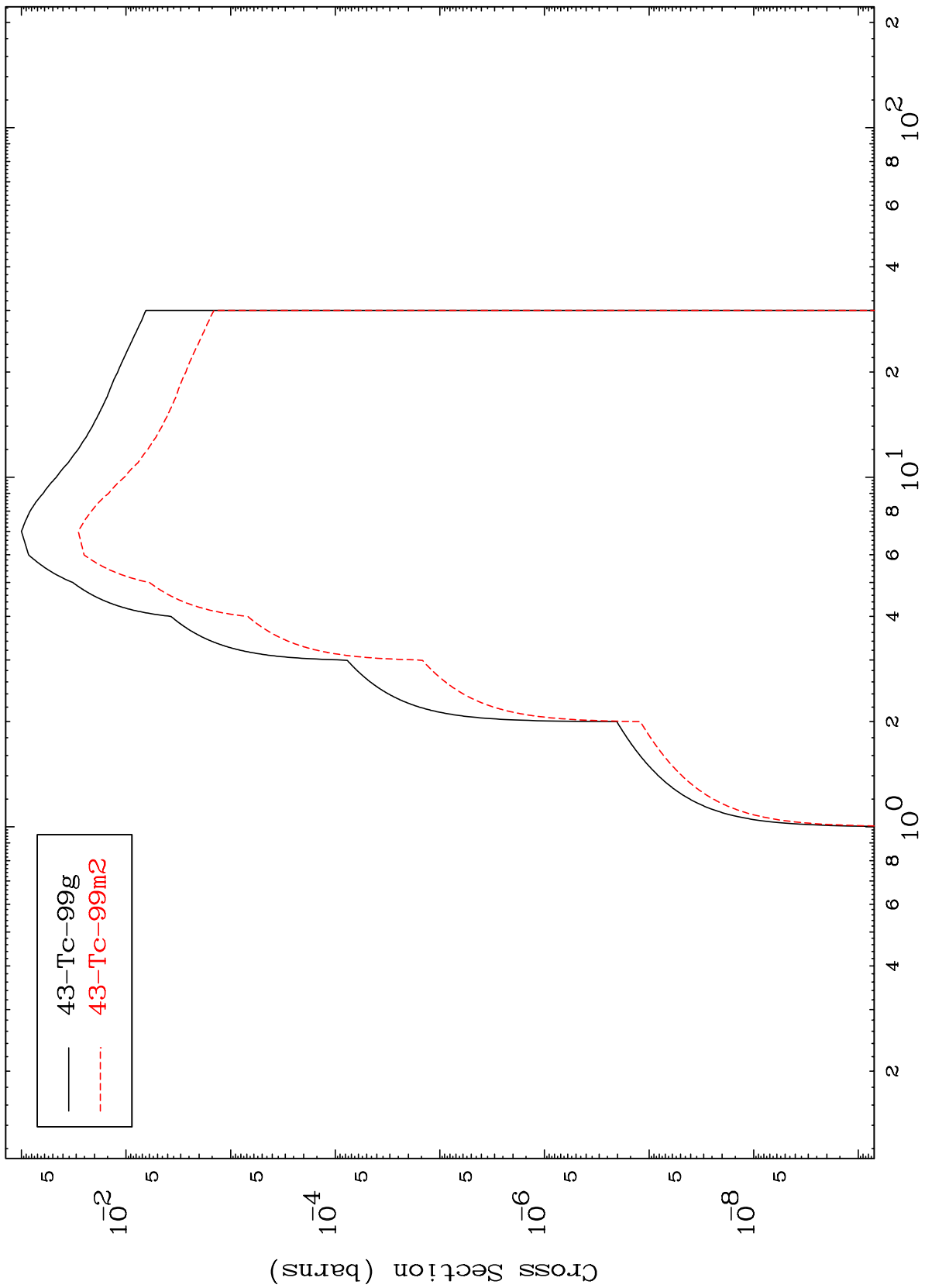
Incident Energy (MeV)

42-Mo-98

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42-Mo-98

Inelastic
Radionuclide Production Cross Section



42-Mo-98

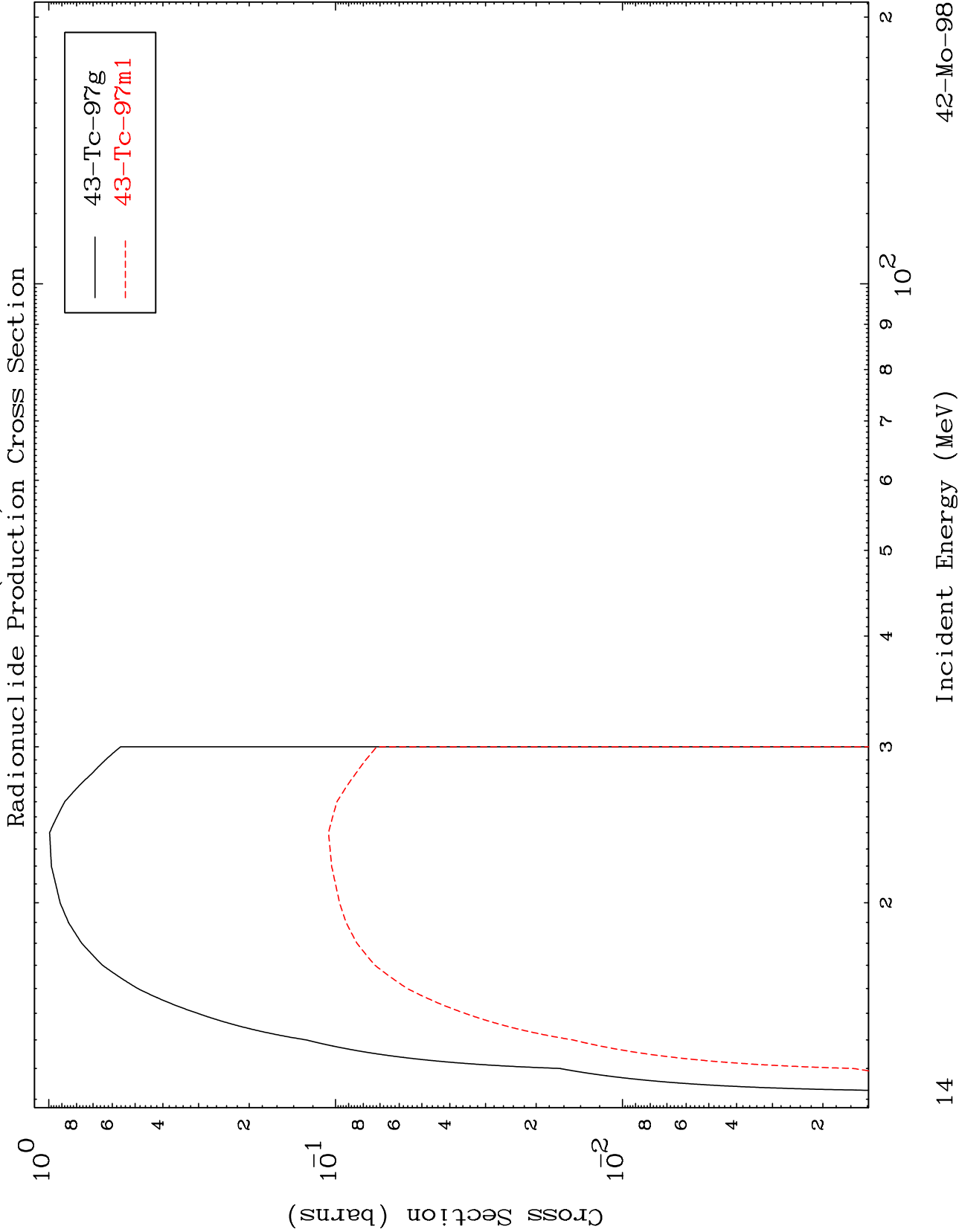
Incident Energy (MeV)

13

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(n,3n)

42-Mo-98



14

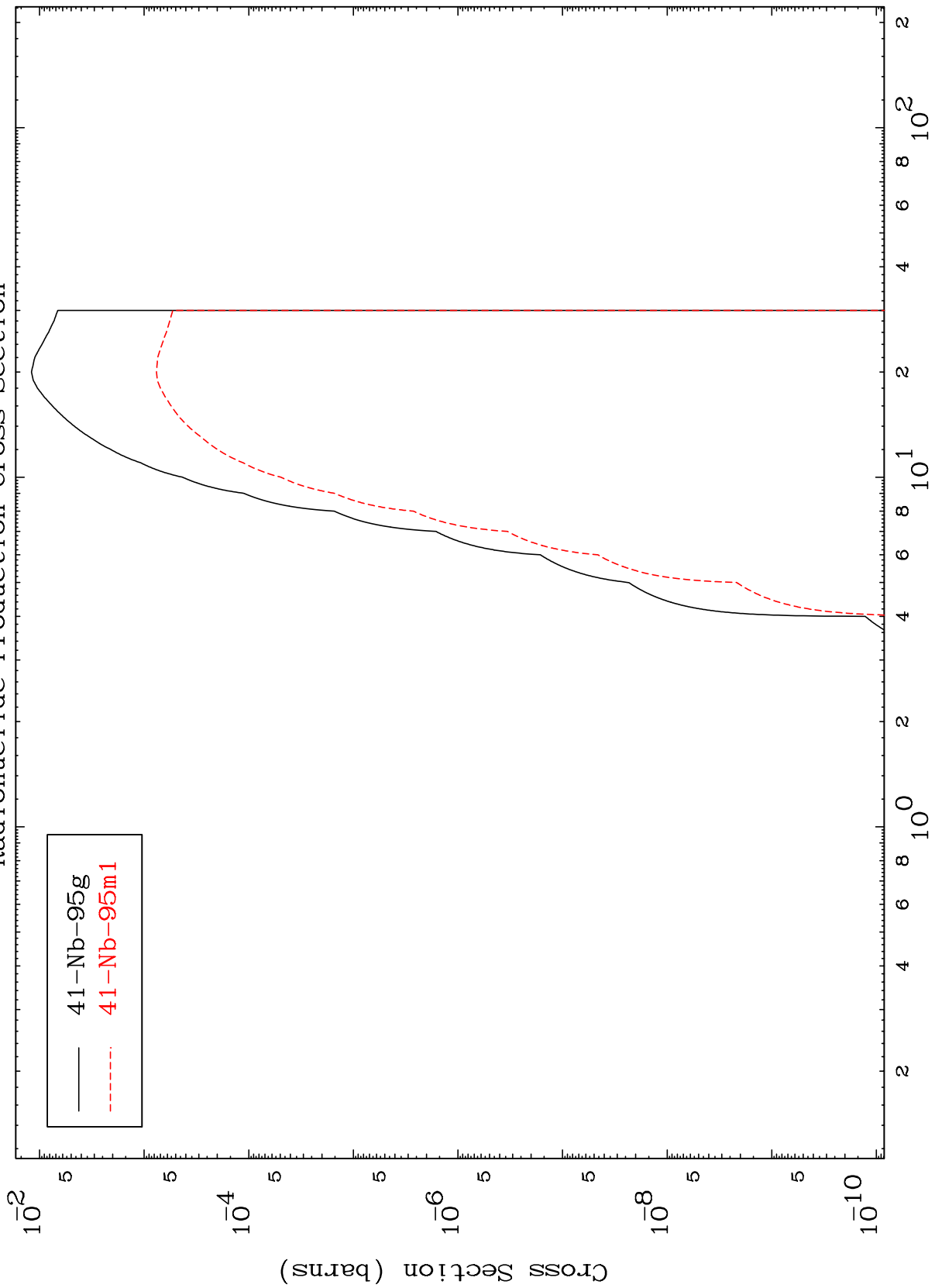
42-Mo-98

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(n,n') α

42-Mo-98

Radionuclide Production Cross Section



15

Incident Energy (MeV)

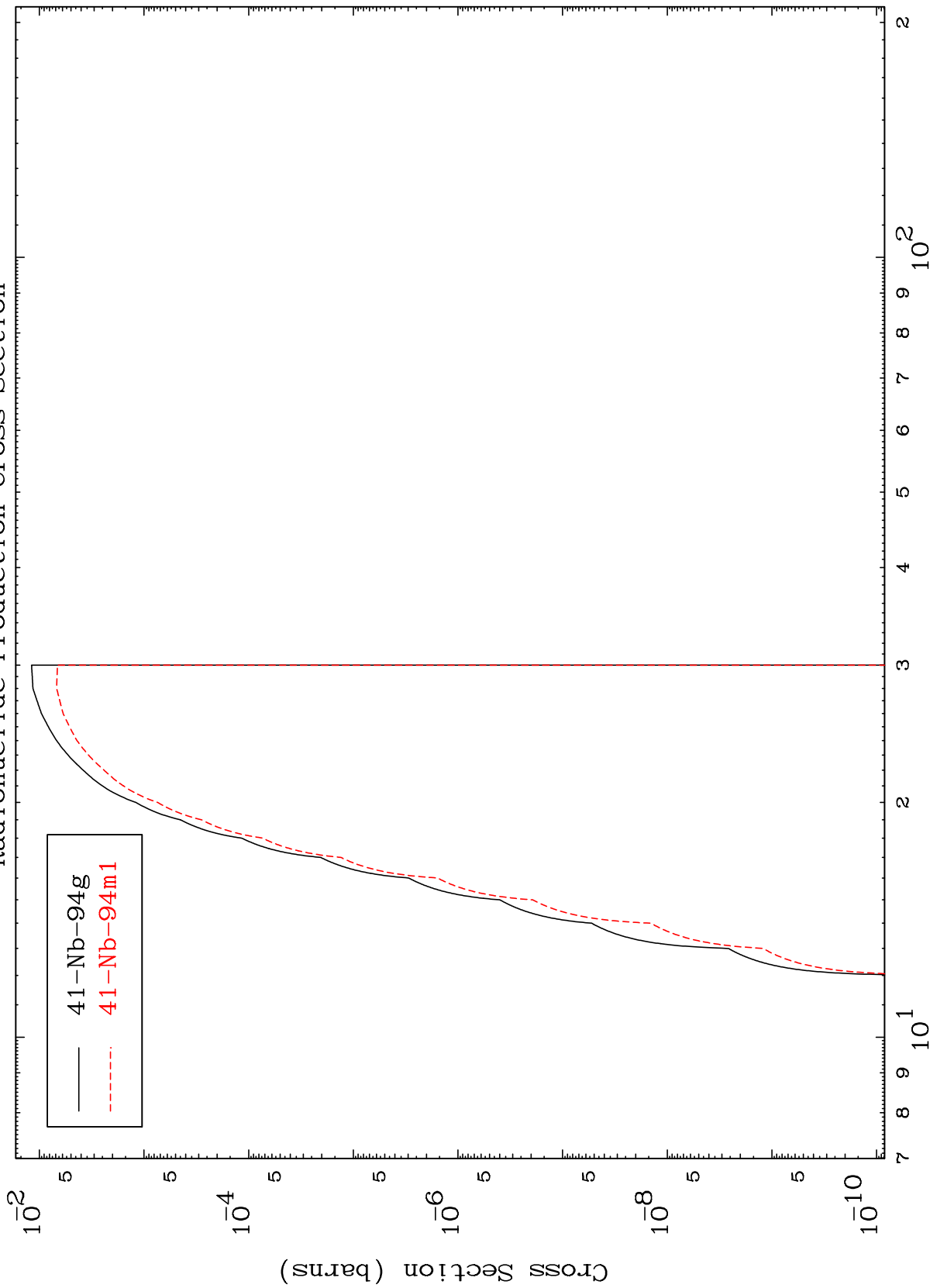
42-Mo-98

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(n,2n) α

42-Mo-98

Radionuclide Production Cross Section

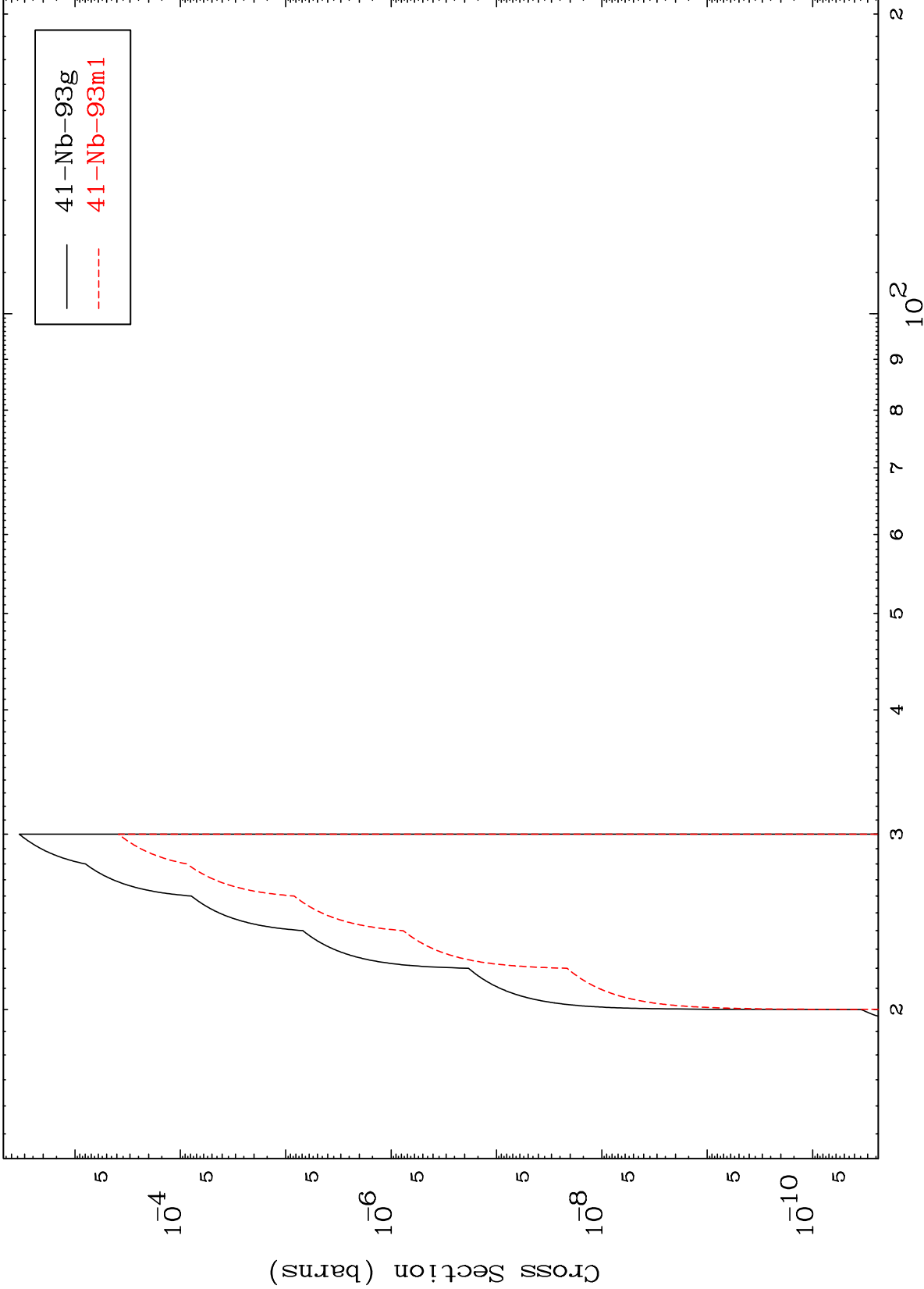


16

Incident Energy (MeV)

42-Mo-98

Radionuclide Production Cross Section

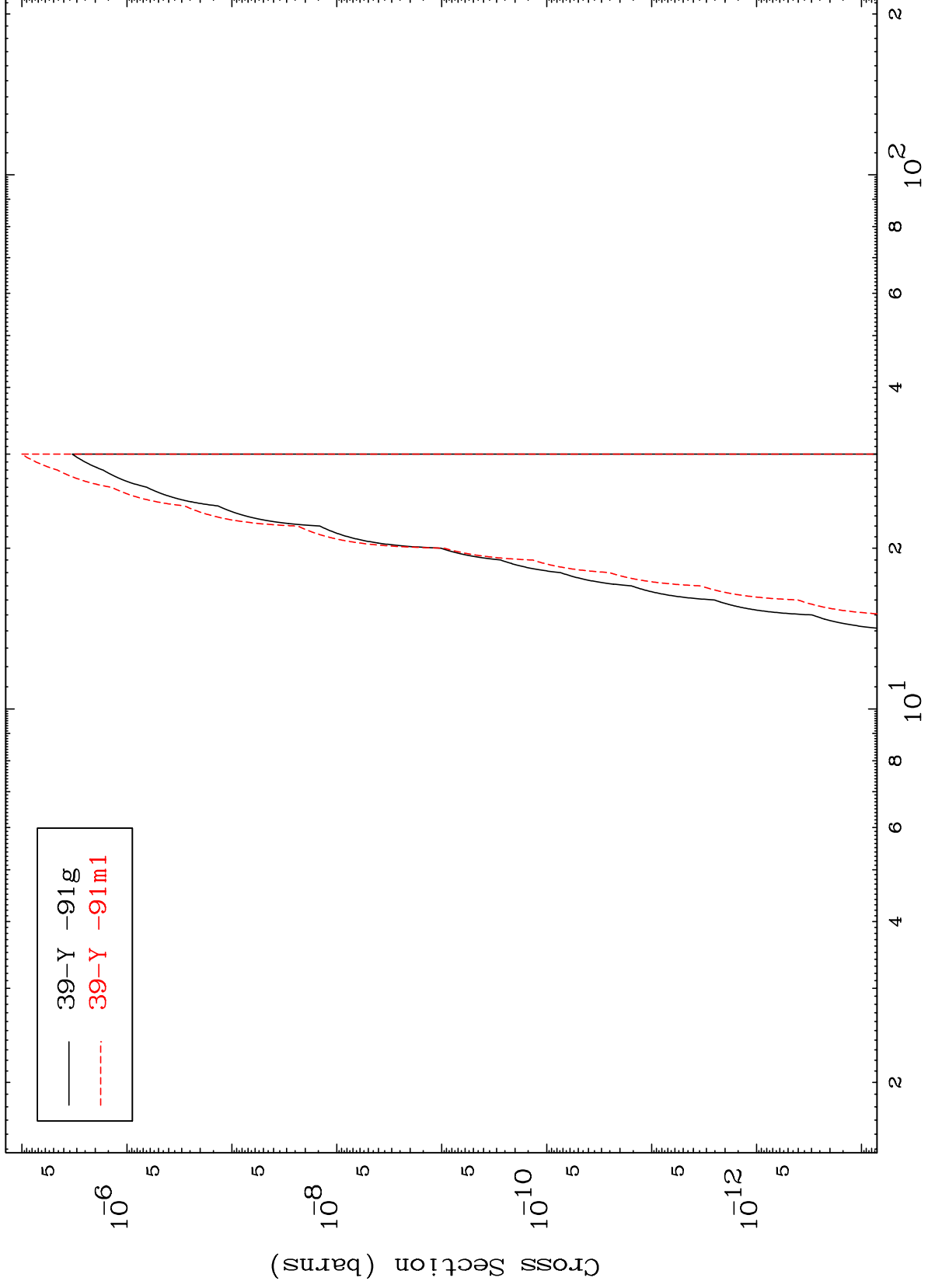


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(n,n') 2α

42-Mo-98

Radionuclide Production Cross Section



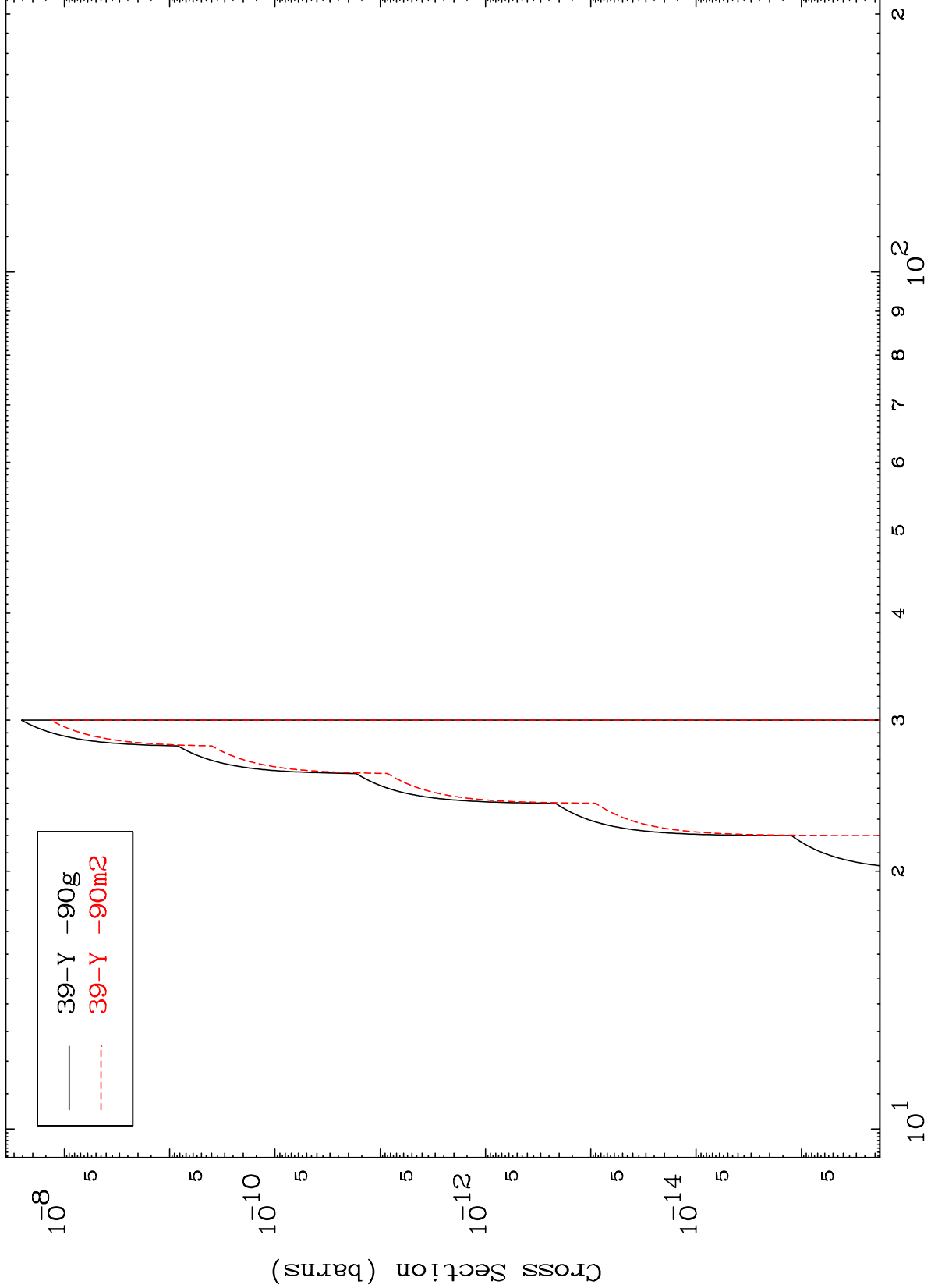
39-Y -91g
39-Y -91m1

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(n,2n) 2α

42-Mo-98

Radionuclide Production Cross Section



— 39-Y -90g
- - - 39-Y -90m2

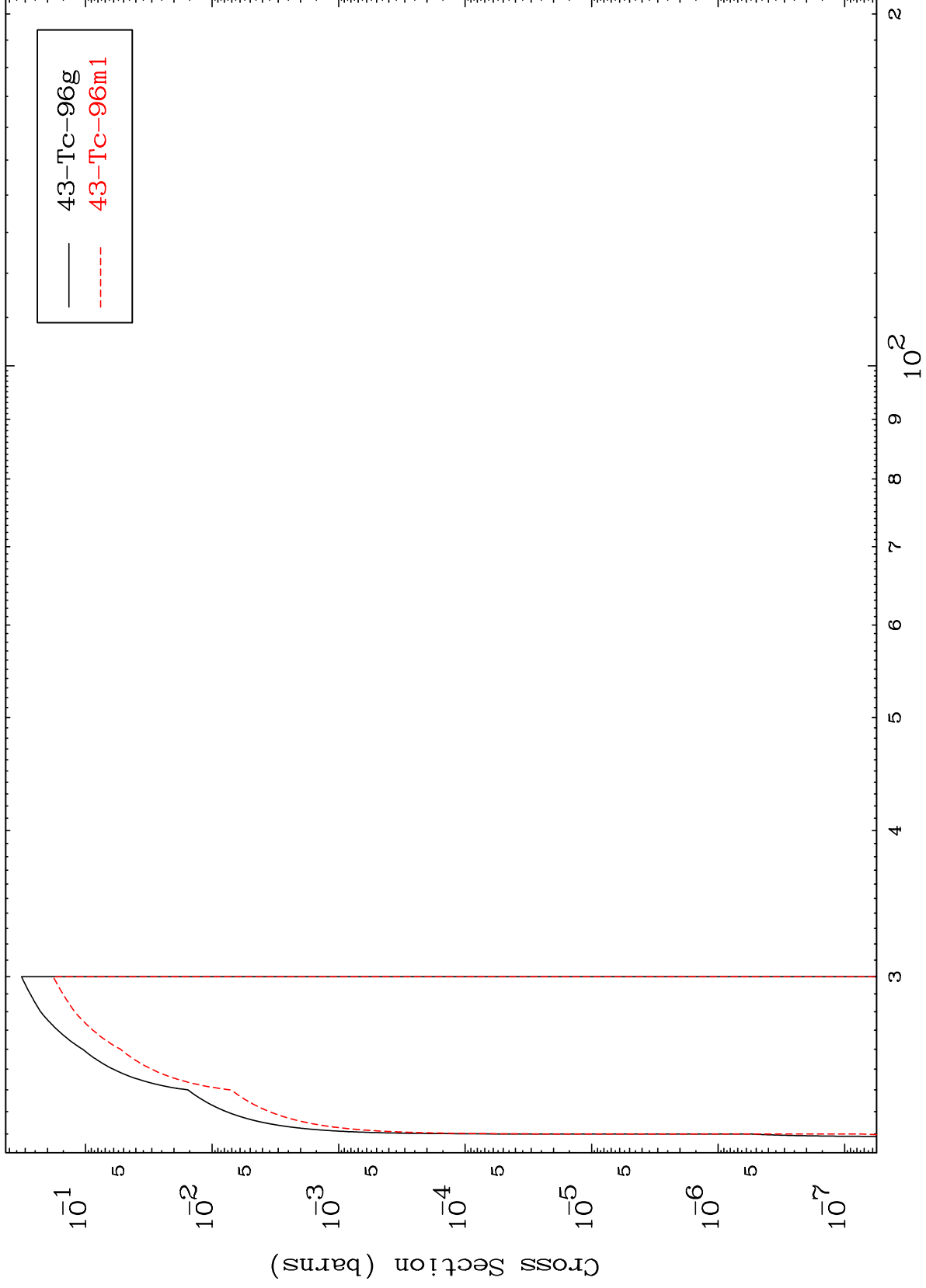
Incident Energy (MeV)

42-Mo-98

MAT 4243

42-Mo-98

(n,4n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

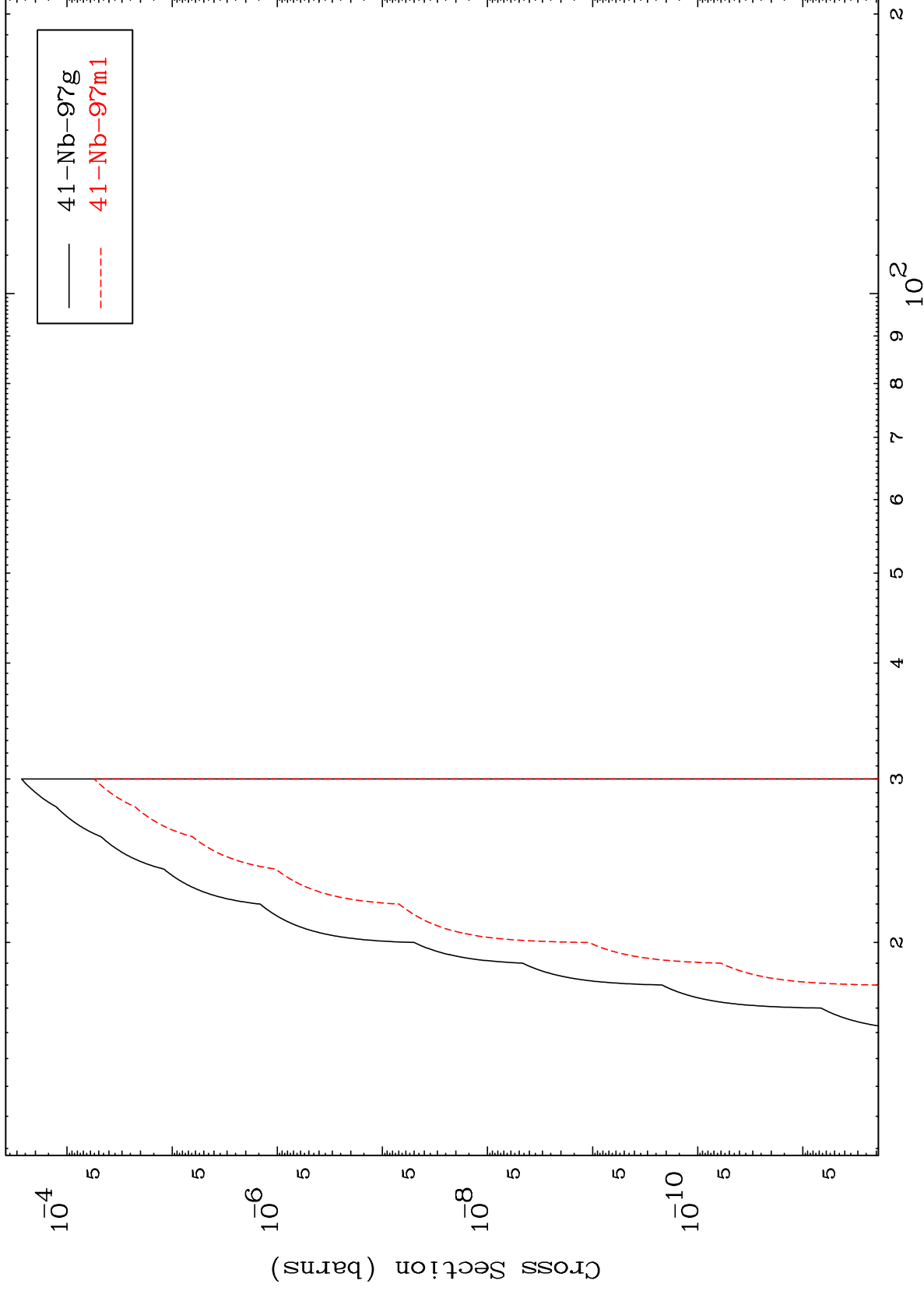
42-Mo-98

MAT 4243

(n,2n) p

42-Mo-98

Radionuclide Production Cross Section



21

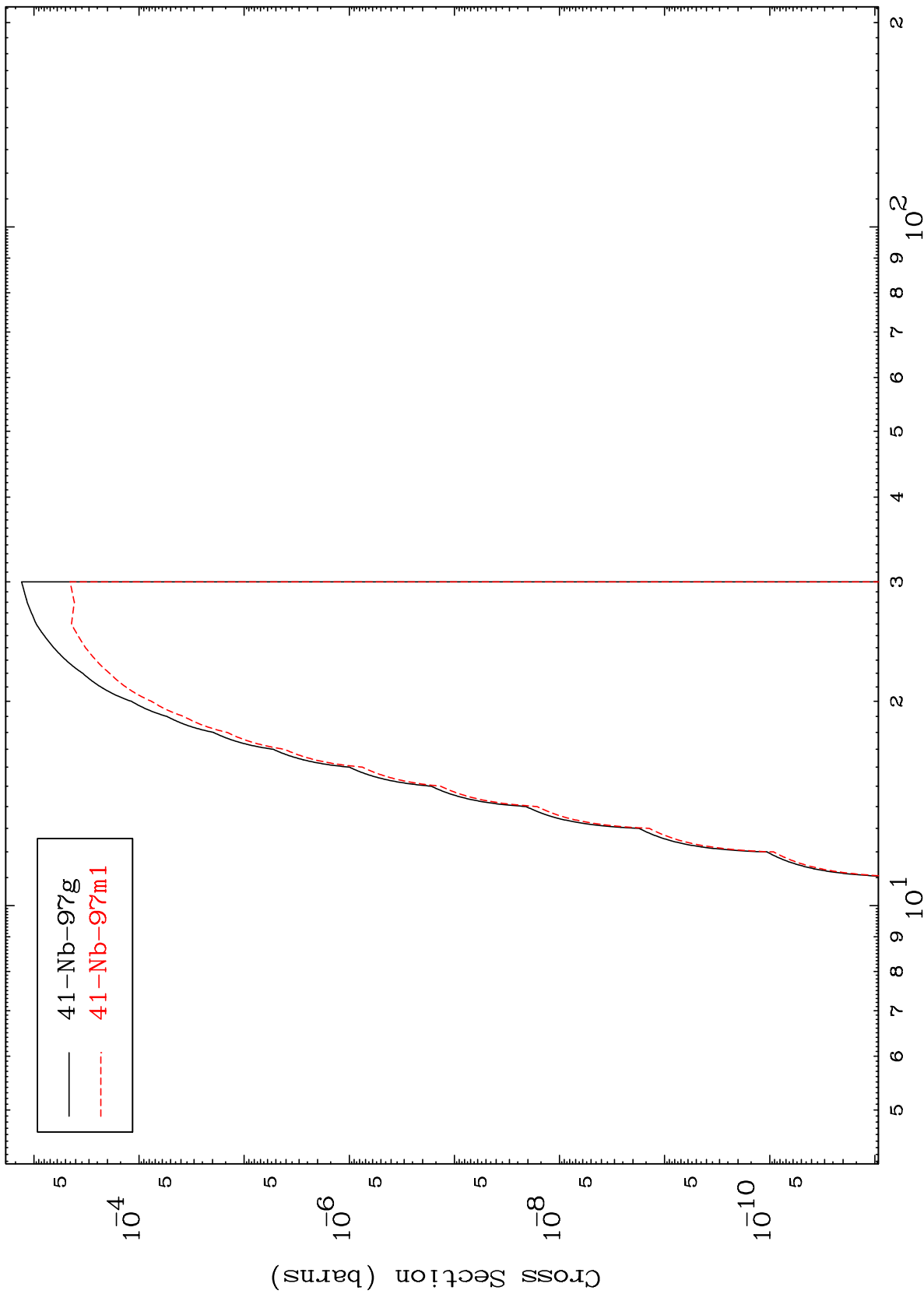
Incident Energy (MeV)

42-Mo-98

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42-Mo-98

Radionuclide Production Cross Section
(n,He-3)



22

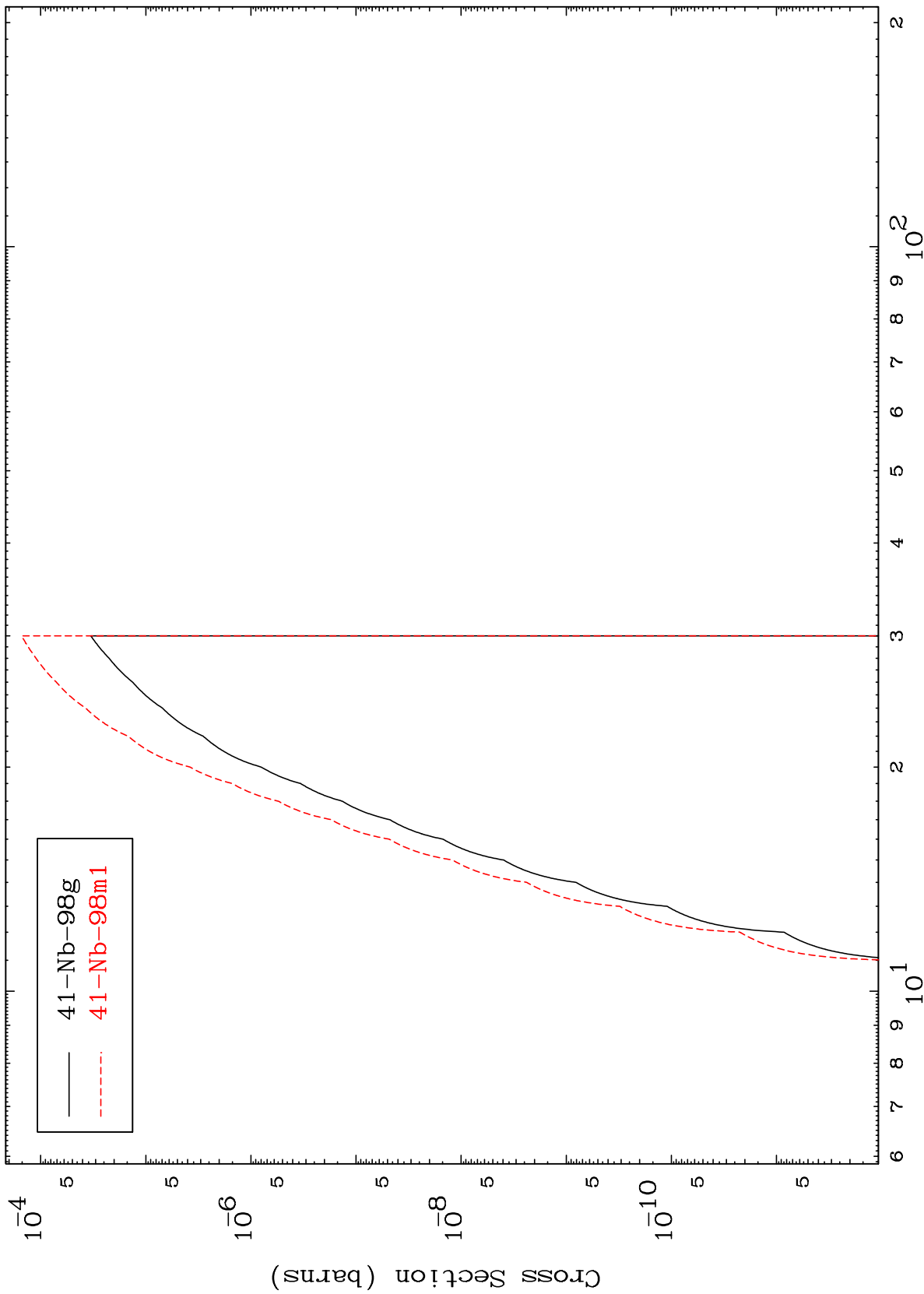
Incident Energy (MeV)

42-Mo-98

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42-Mo-98

(n,2p)
Radionuclide Production Cross Section



23

Incident Energy (MeV)

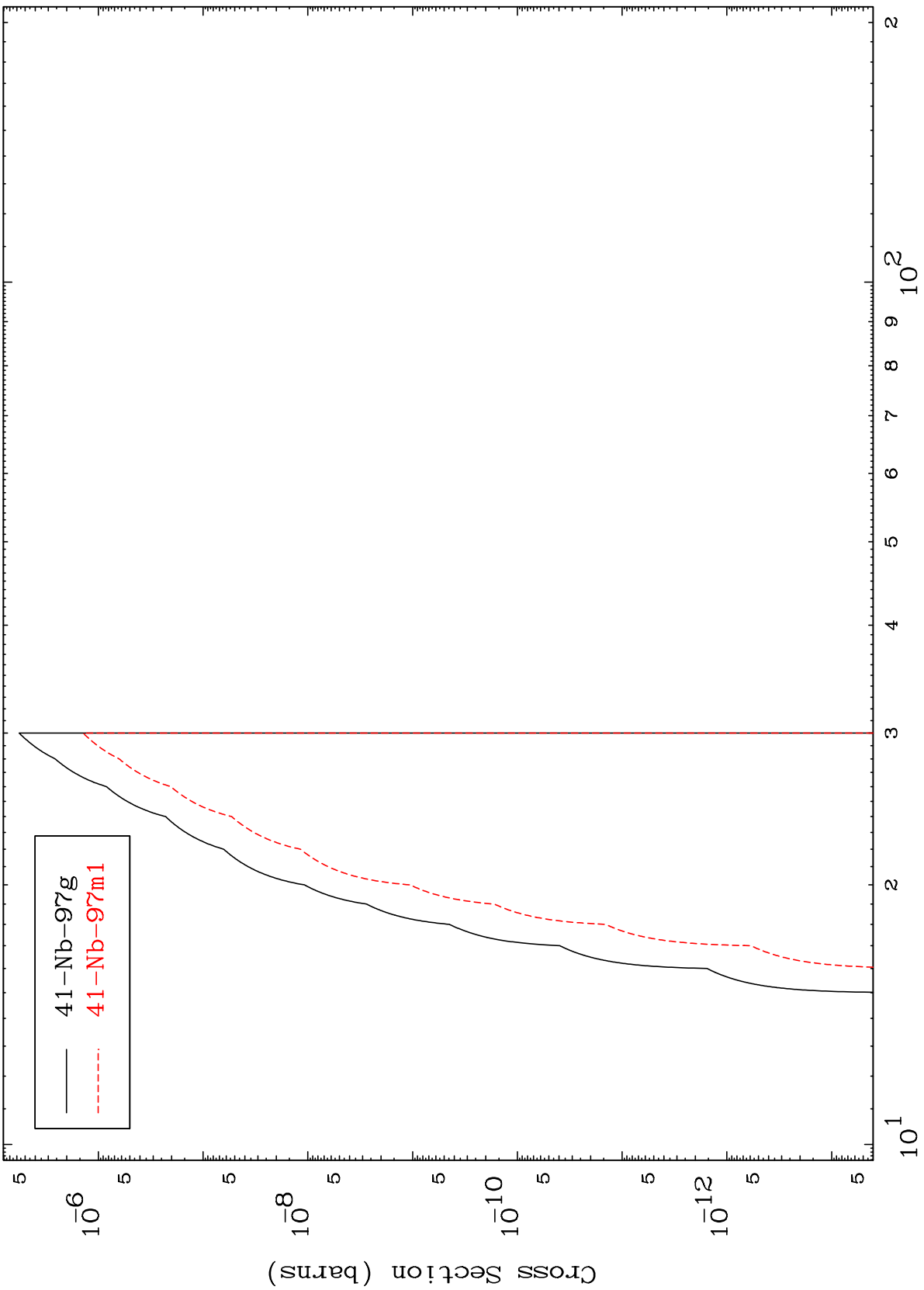
42-Mo-98

MAT 4243

(n,p) d

42-Mo-98

Radionuclide Production Cross Section



— 41-Nb-97g
- - - 41-Nb-97m1

Incident Energy (MeV)

42-Mo-98

24