

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

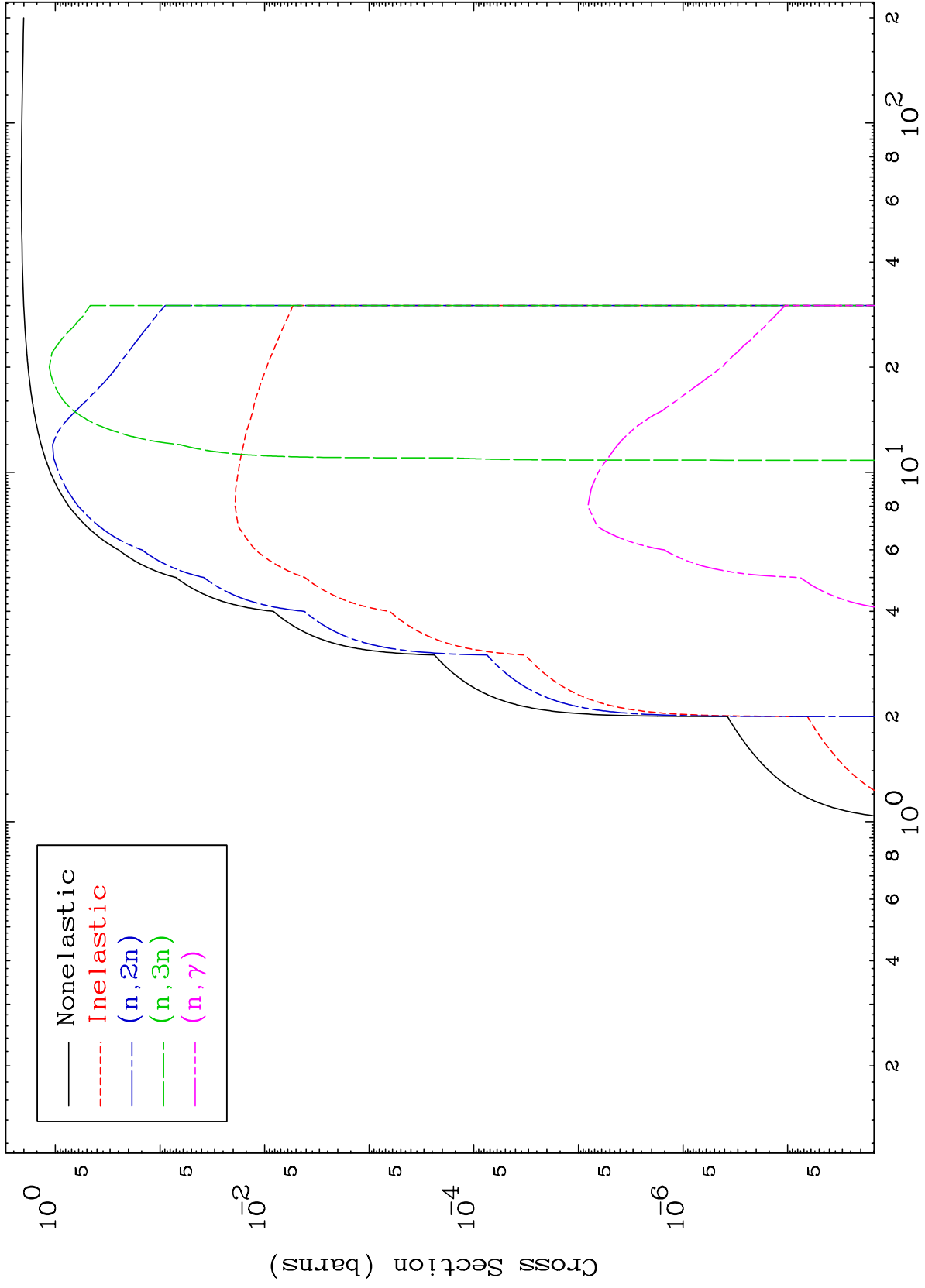
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

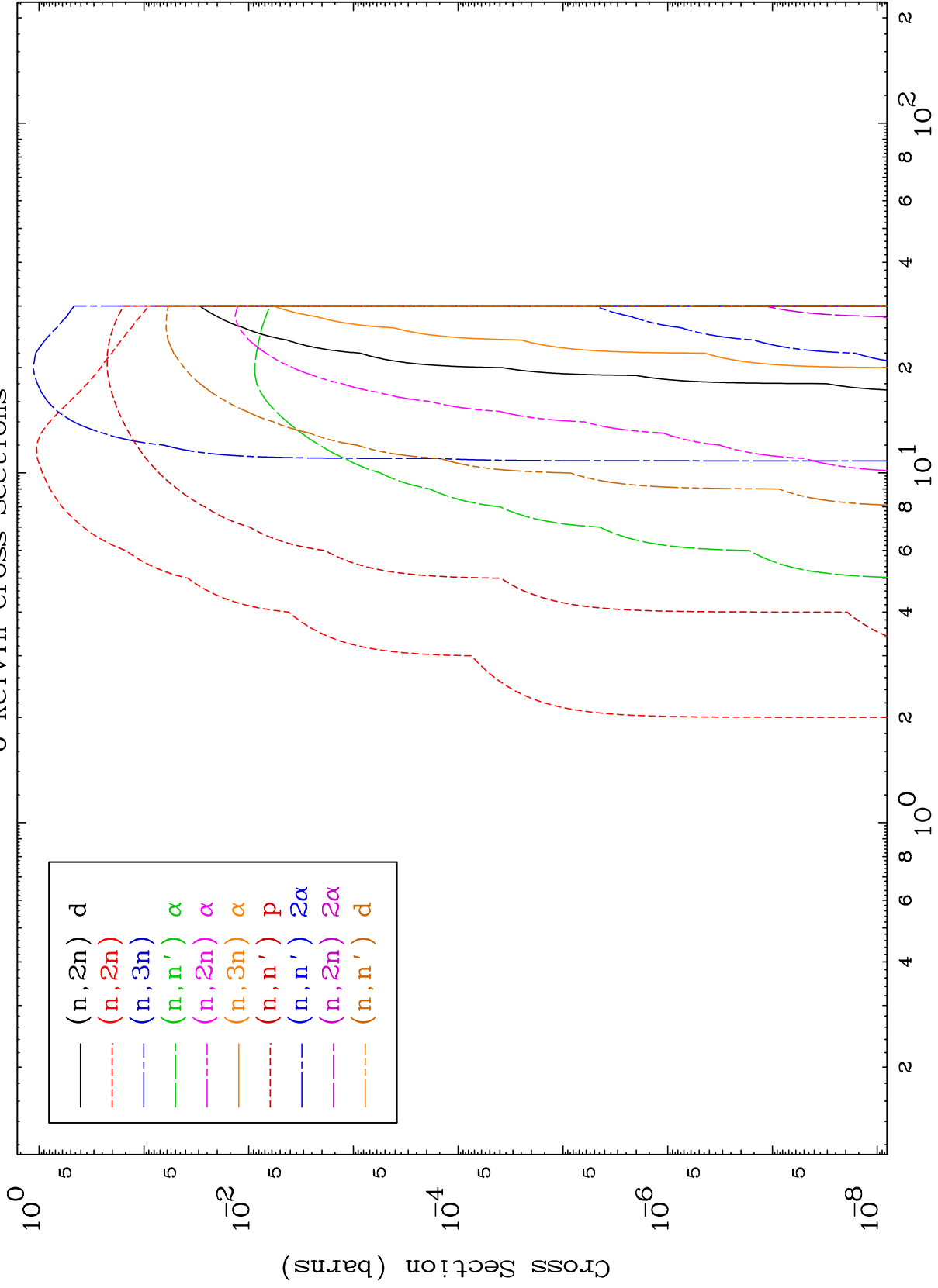
Tele: 925-443-1911

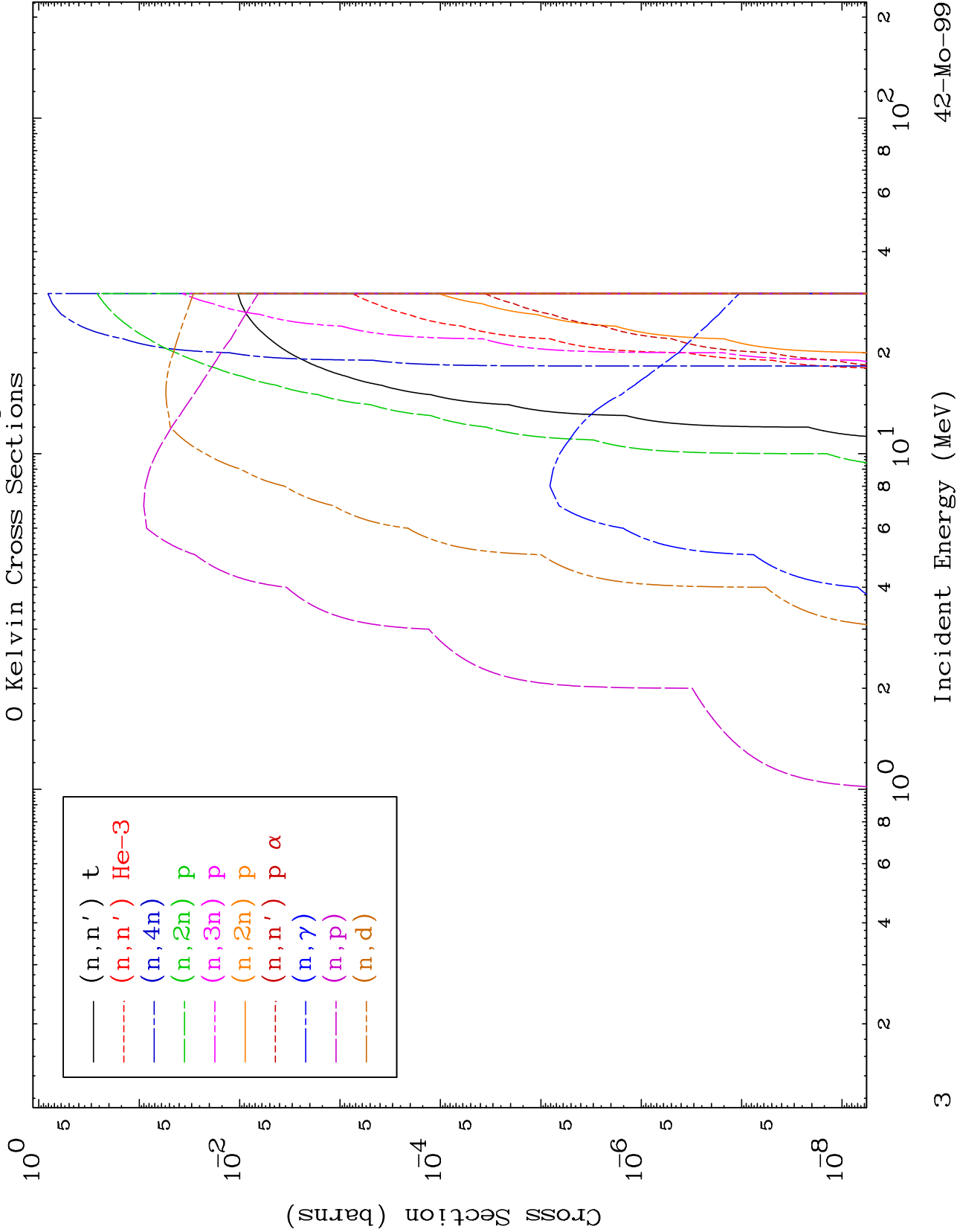
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



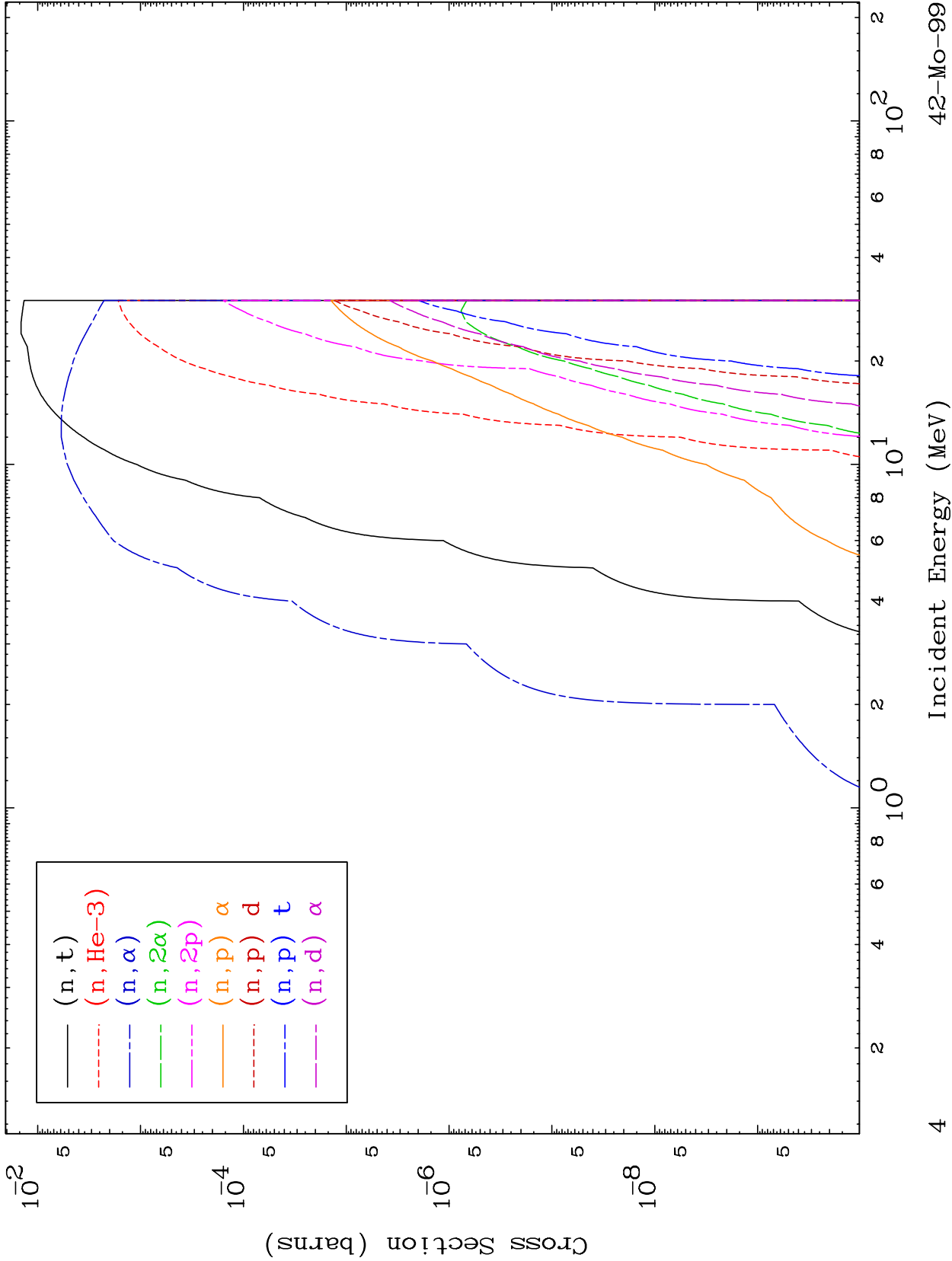


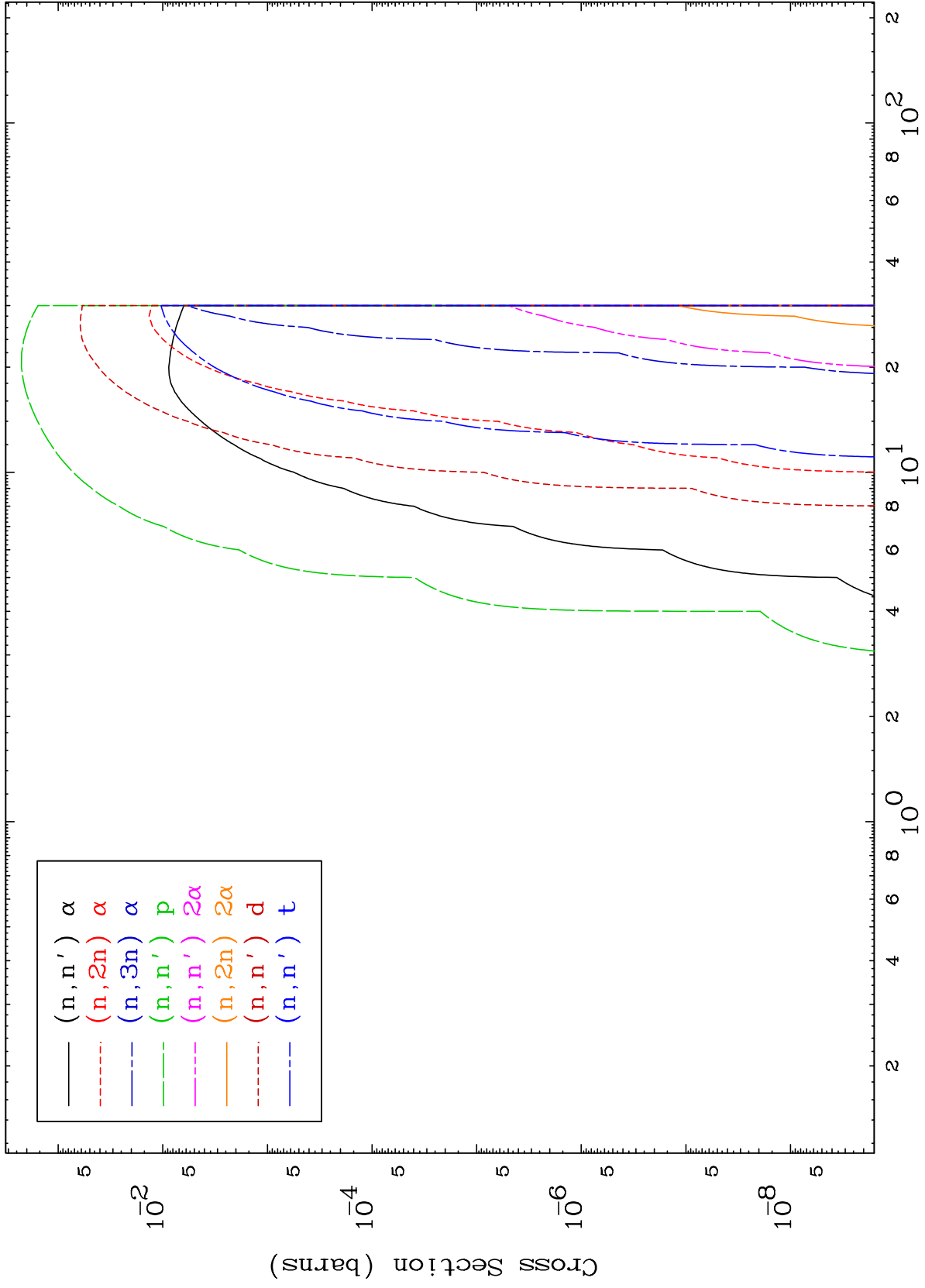


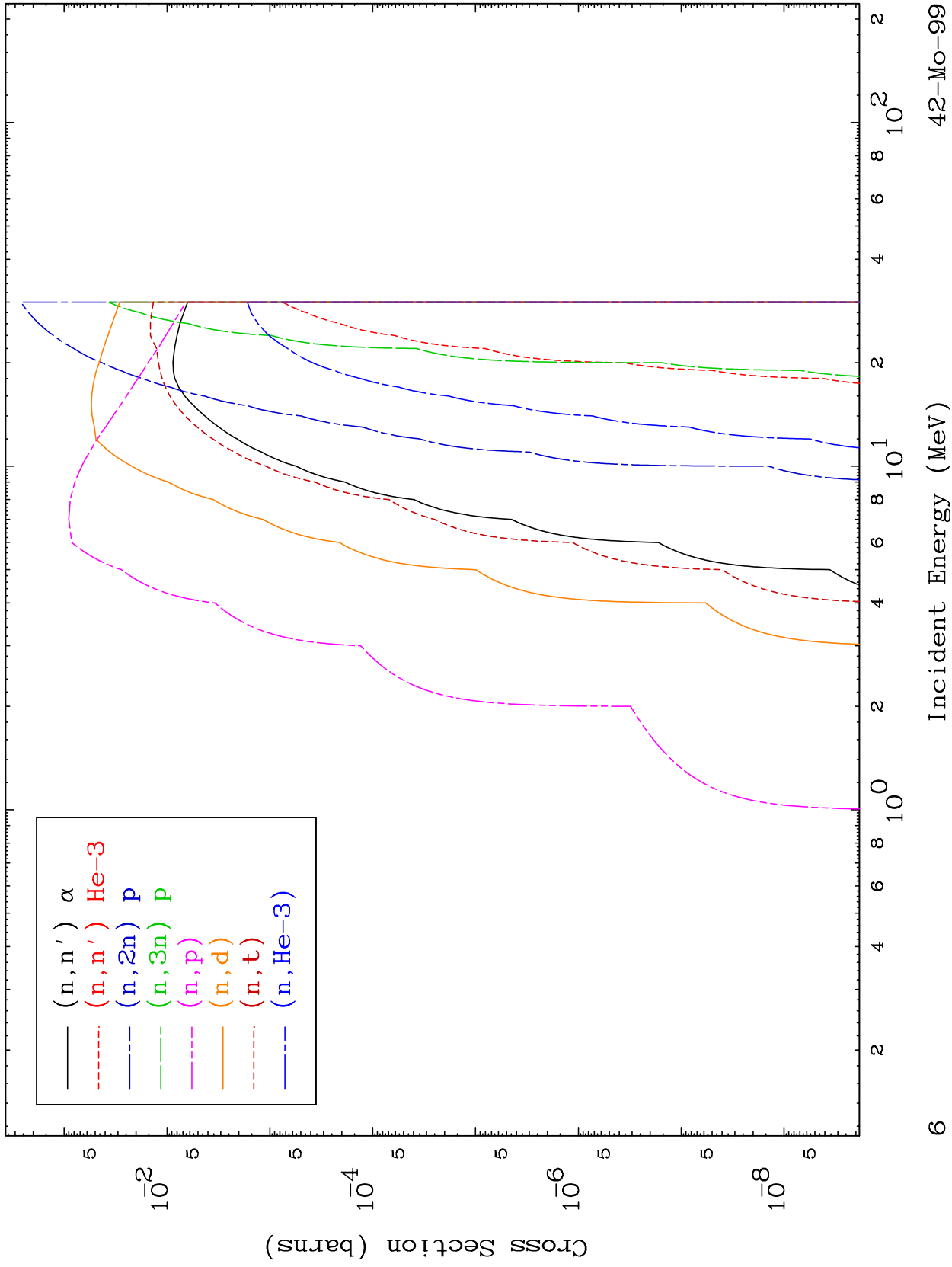
MAT 4246

Deuteron Neutron Absorption
0 Kelvin Cross Sections

42-Mo-99



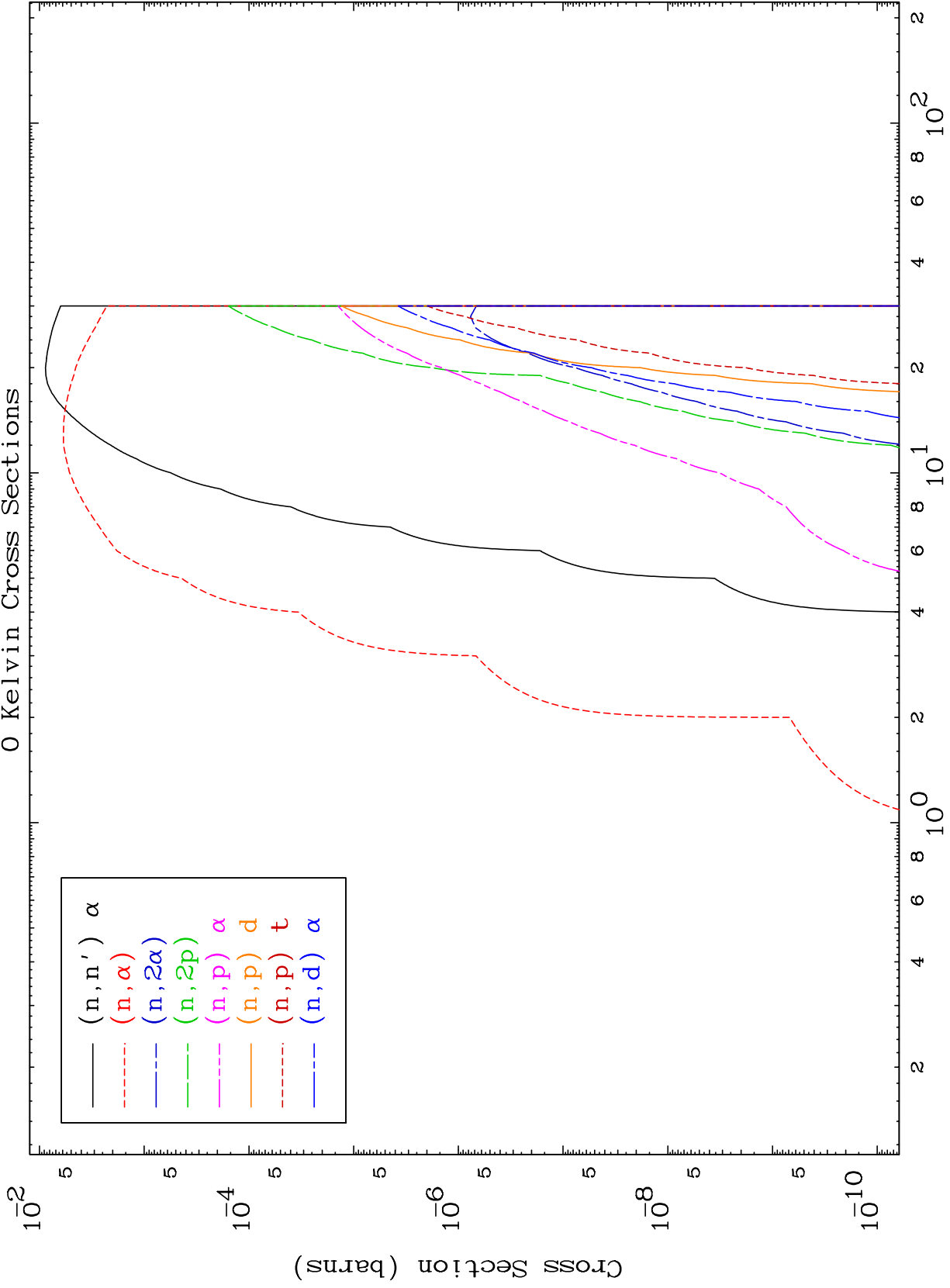




MAT 4246

Deuteron Charged Particle
0 Kelvin Cross Sections

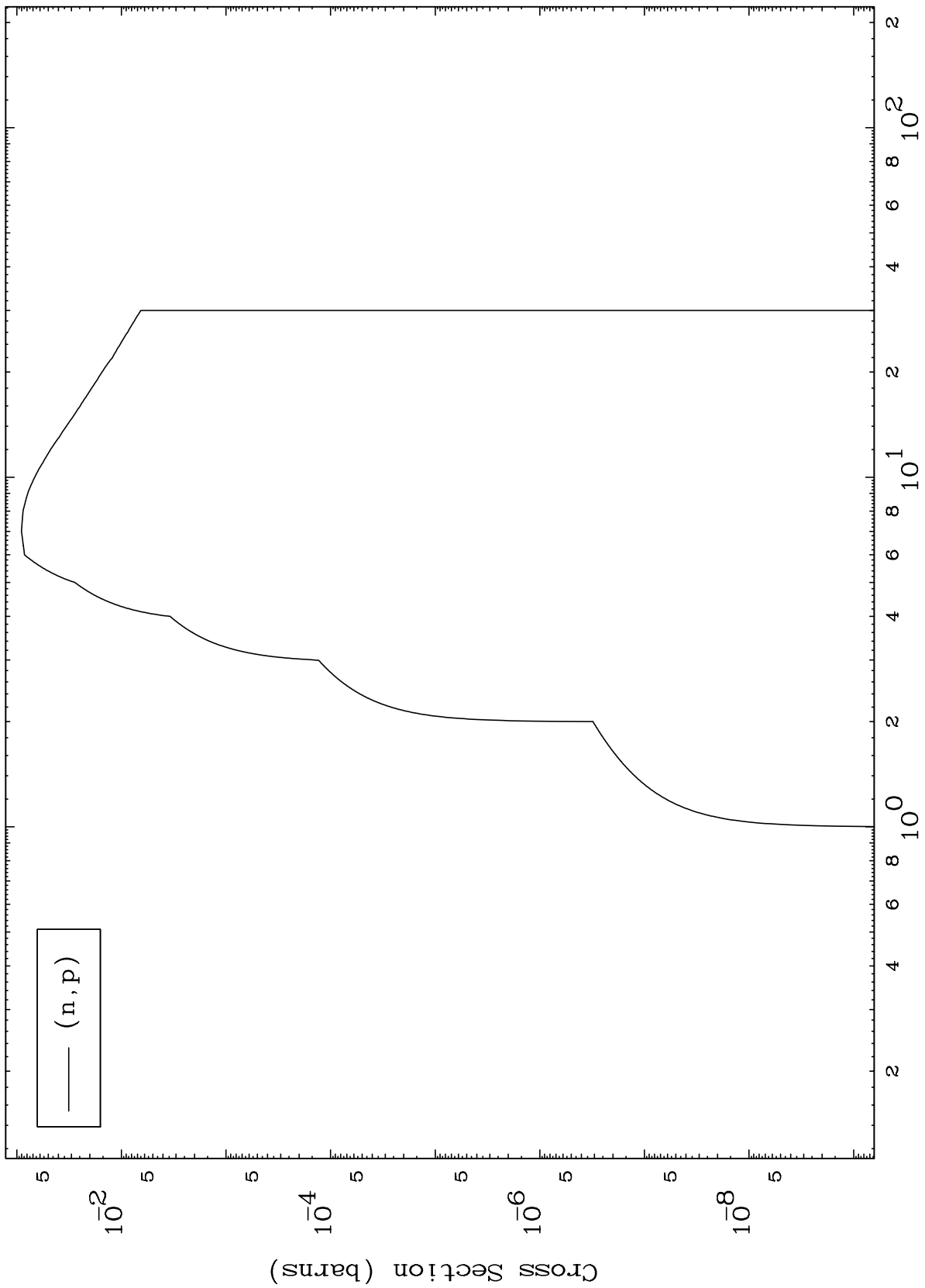
42-Mo-99



MAT 4246

42-Mo-99

(d,p) Levels
0 Kelvin Cross Sections

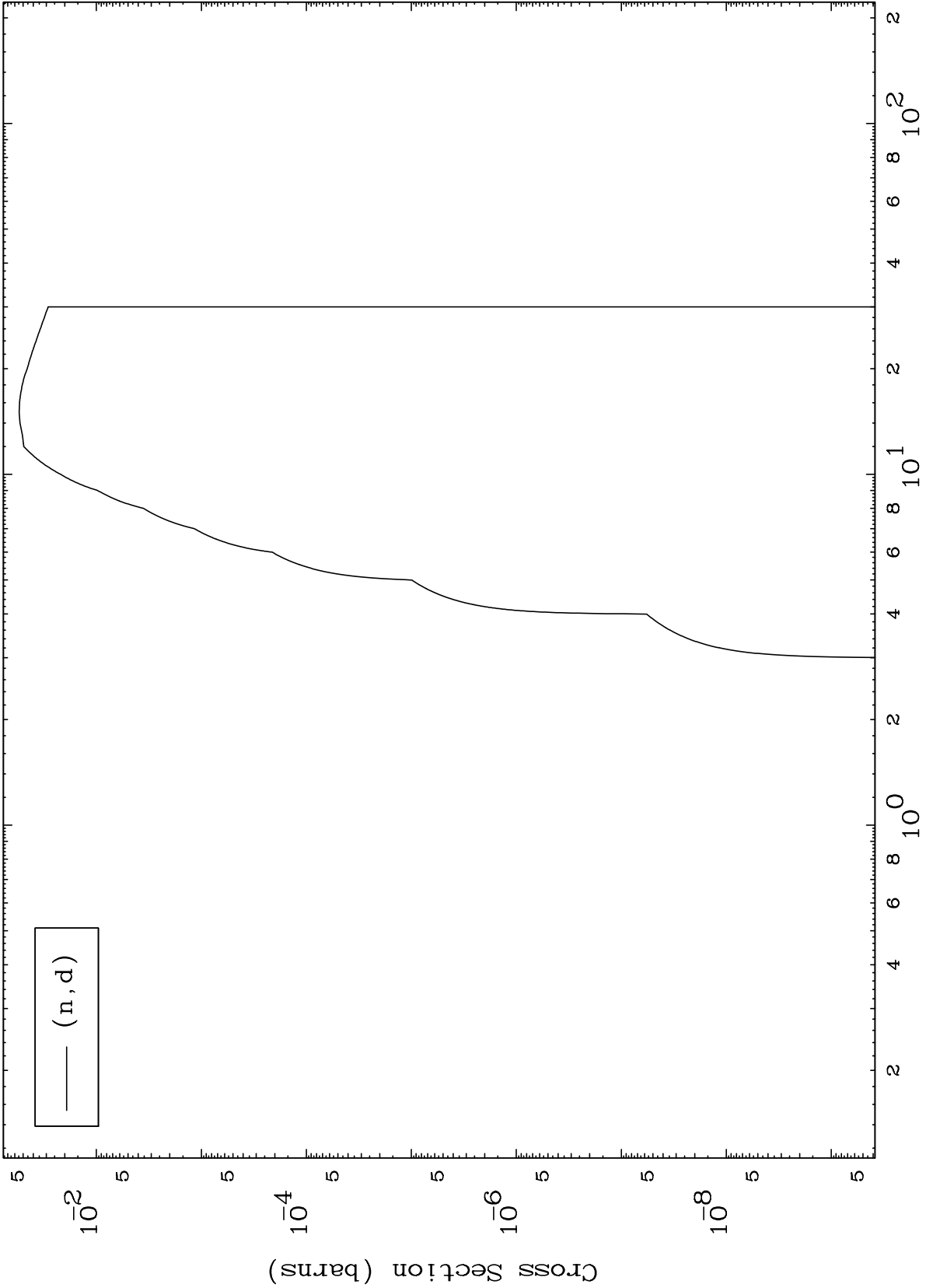


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(d,d) Levels

42-Mo-99

0 Kelvin Cross Sections

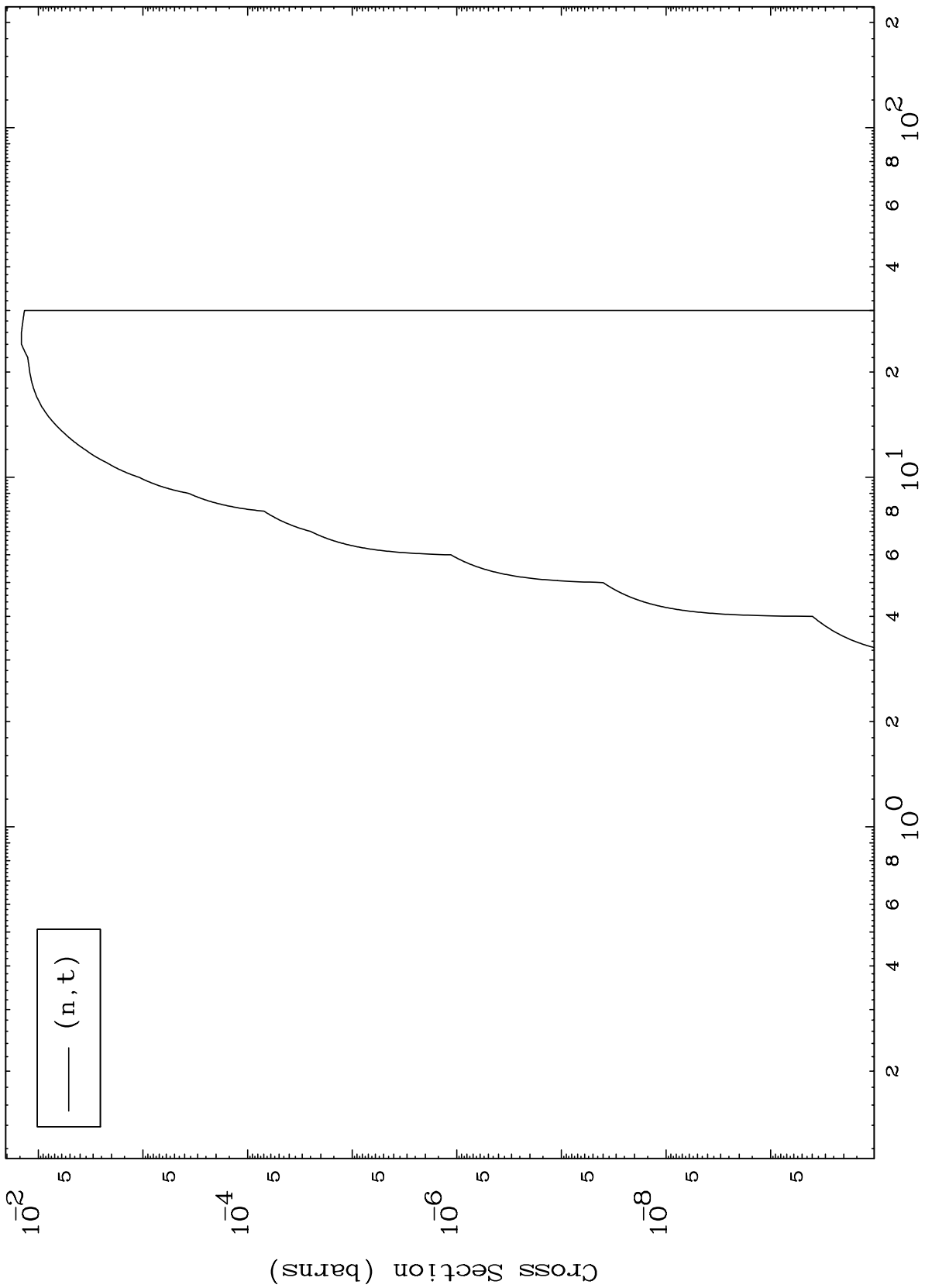


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(d, t) Levels

42-Mo-99

0 Kelvin Cross Sections

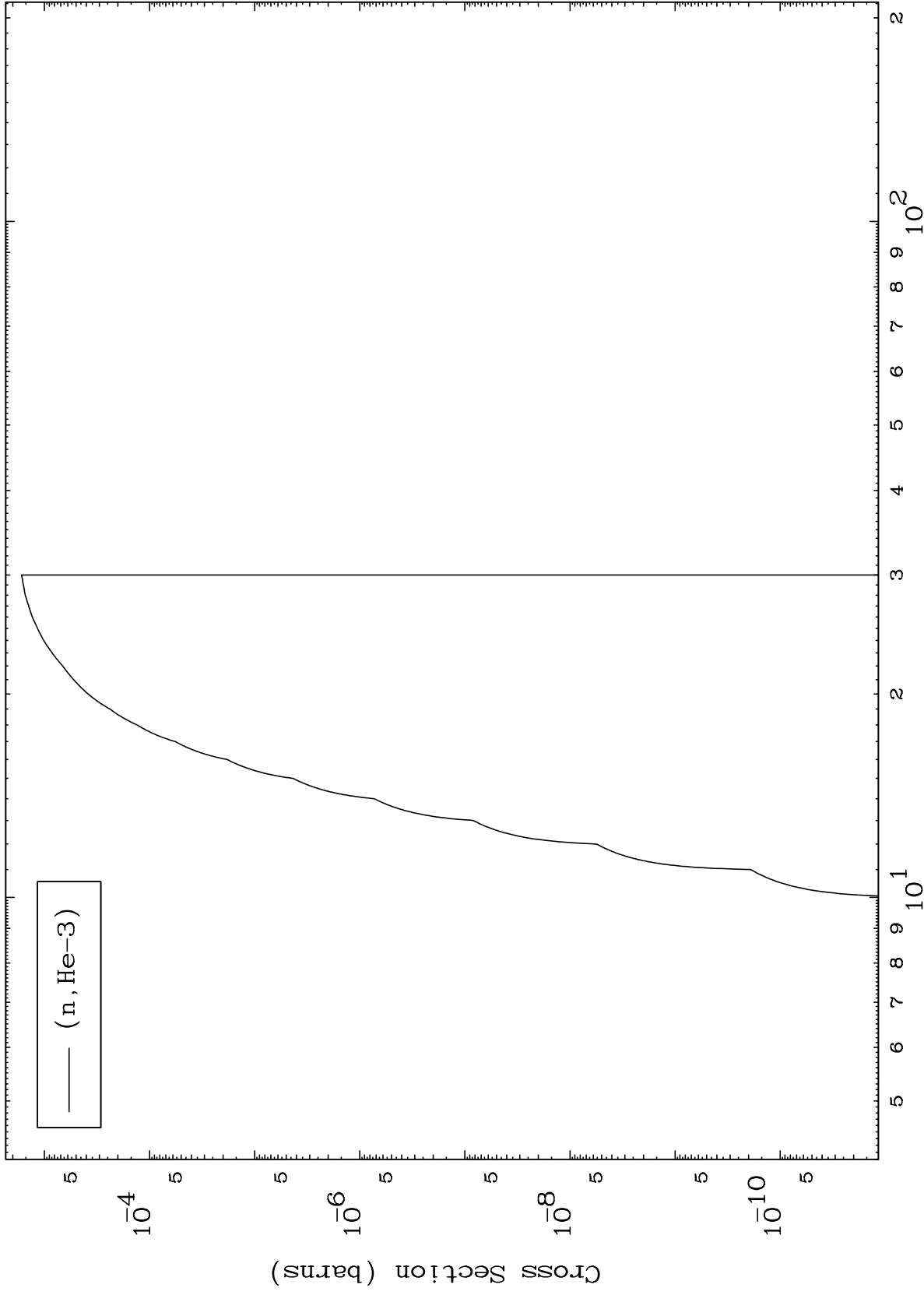


10

Incident Energy (MeV)

42-Mo-99

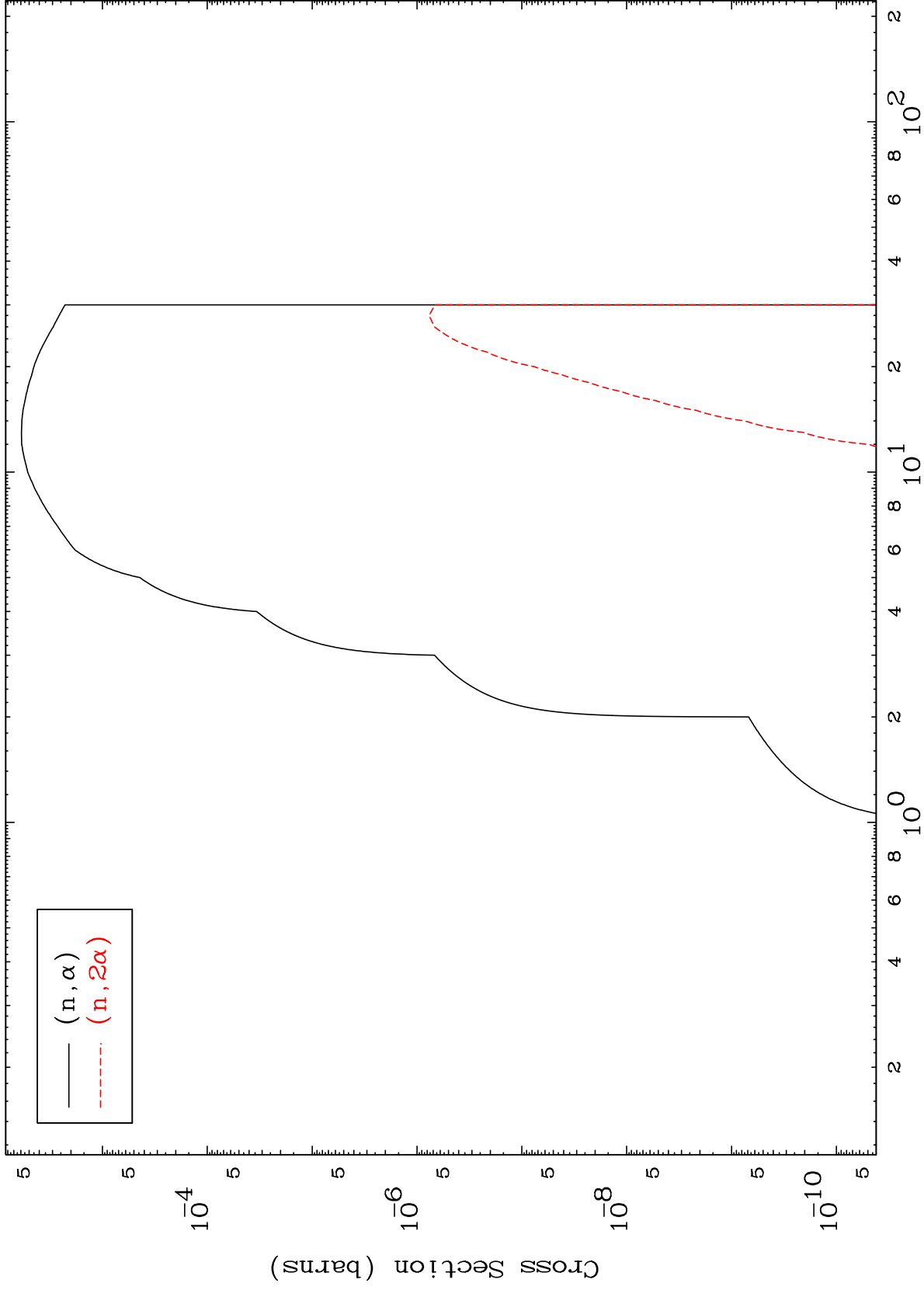
(d,He3) Levels
0 Kelvin Cross Sections



MAT 4246

(d, α) Levels
0 Kelvin Cross Sections

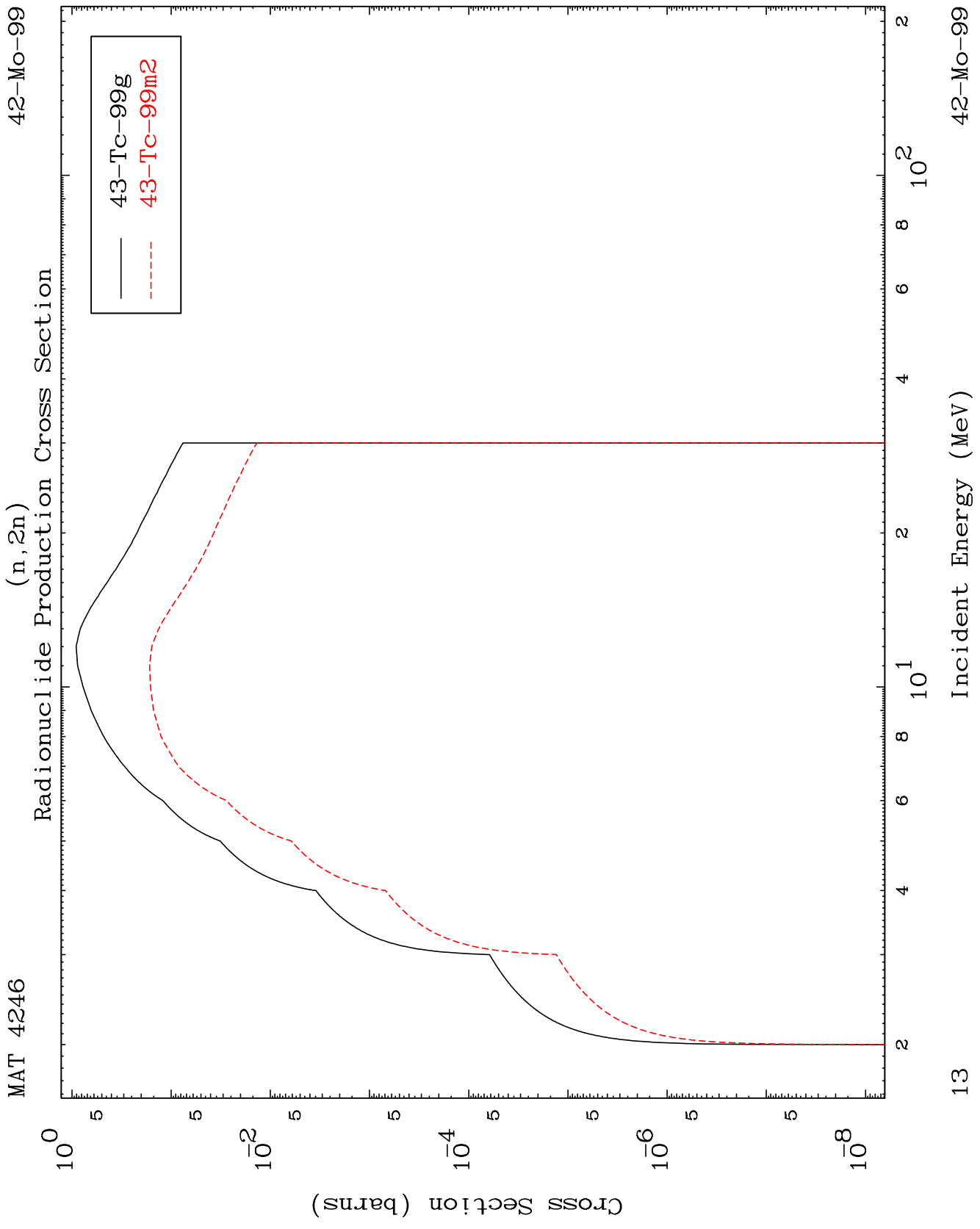
42-Mo-99



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Incident Energy (MeV)

42-Mo-99

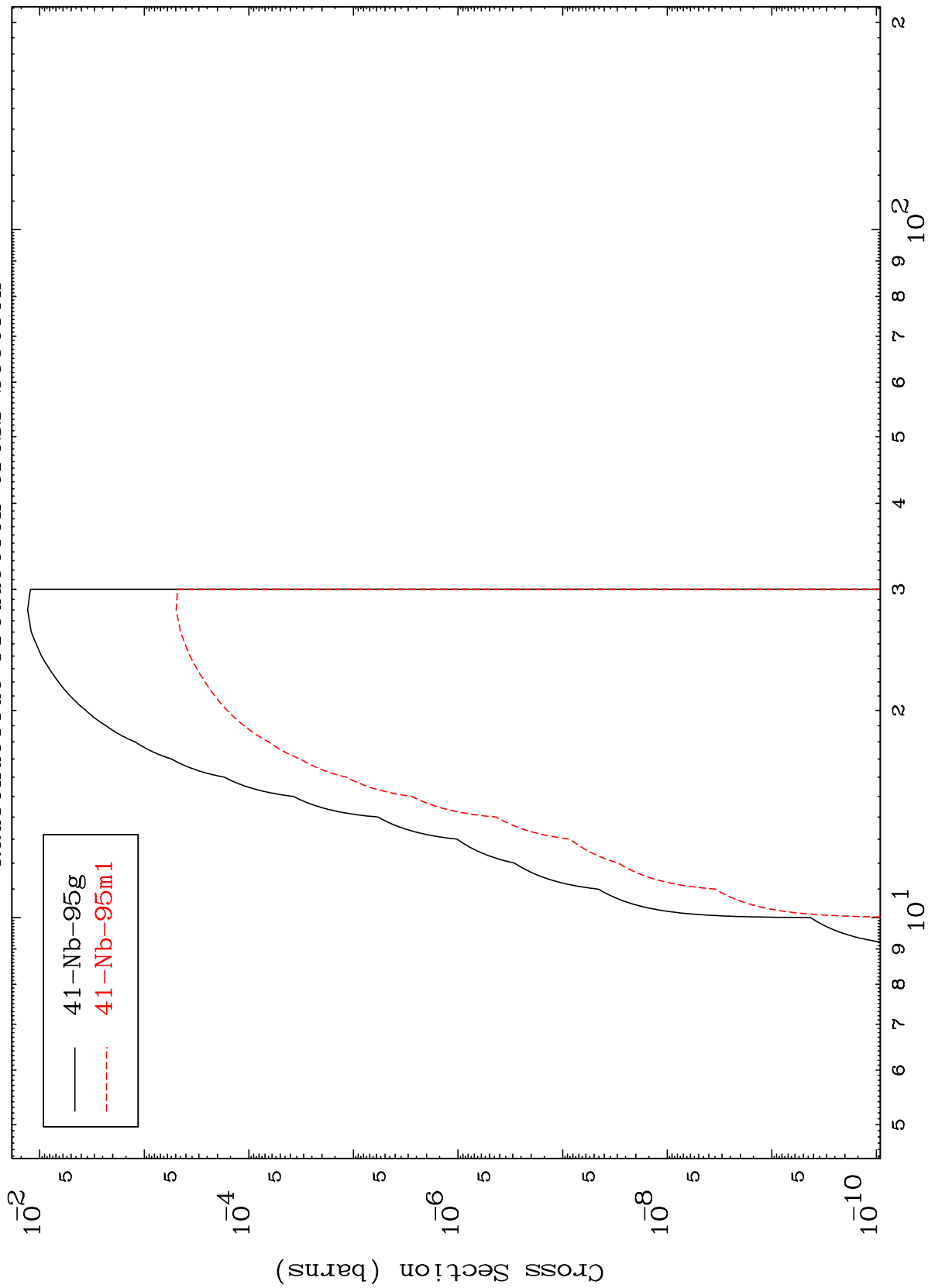


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(n,2n) α

42-Mo-99

Radionuclide Production Cross Section



14

Incident Energy (MeV)

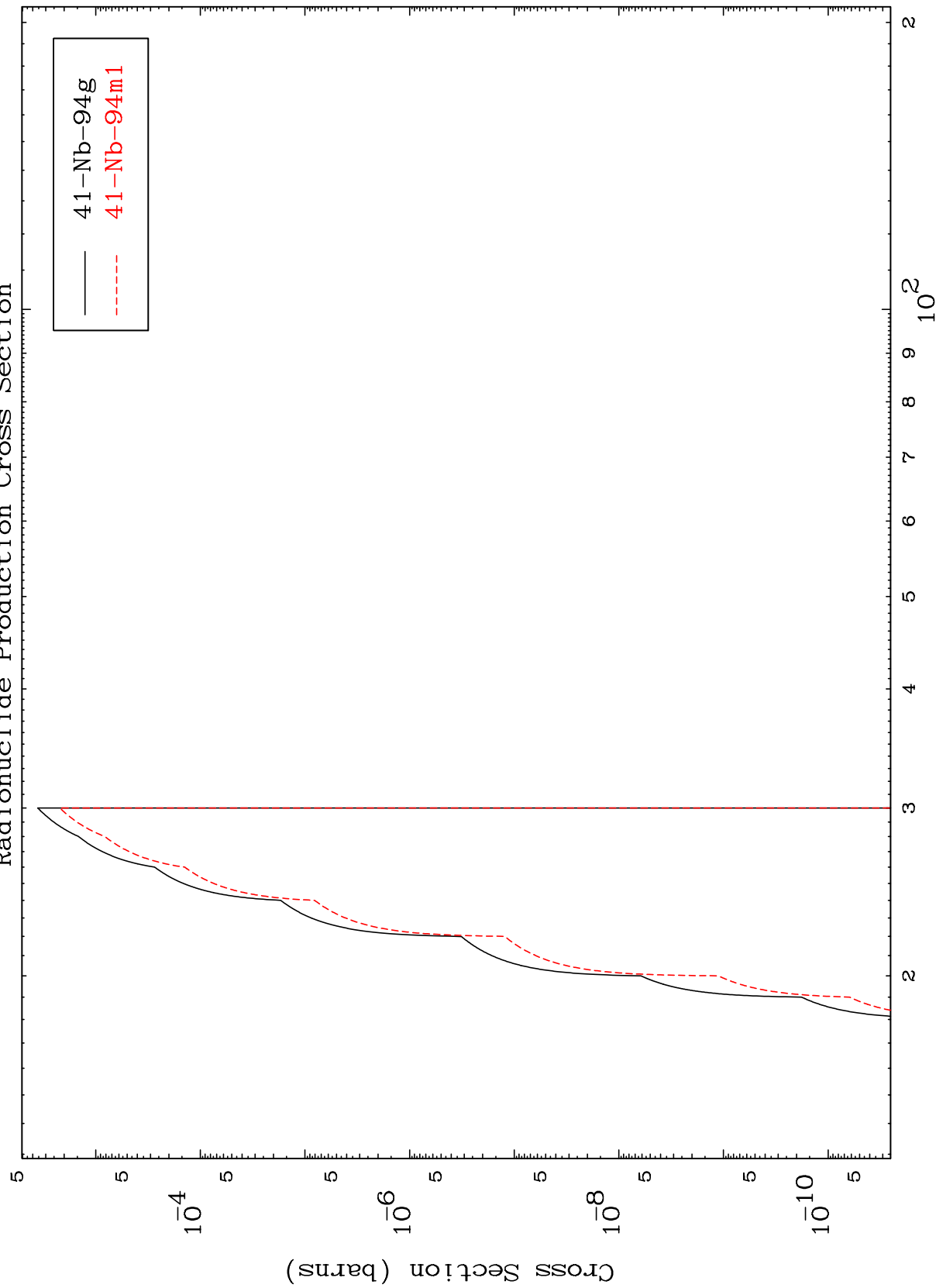
42-Mo-99

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(n,3n) α

42-Mo-99

Radionuclide Production Cross Section



15

Incident Energy (MeV)

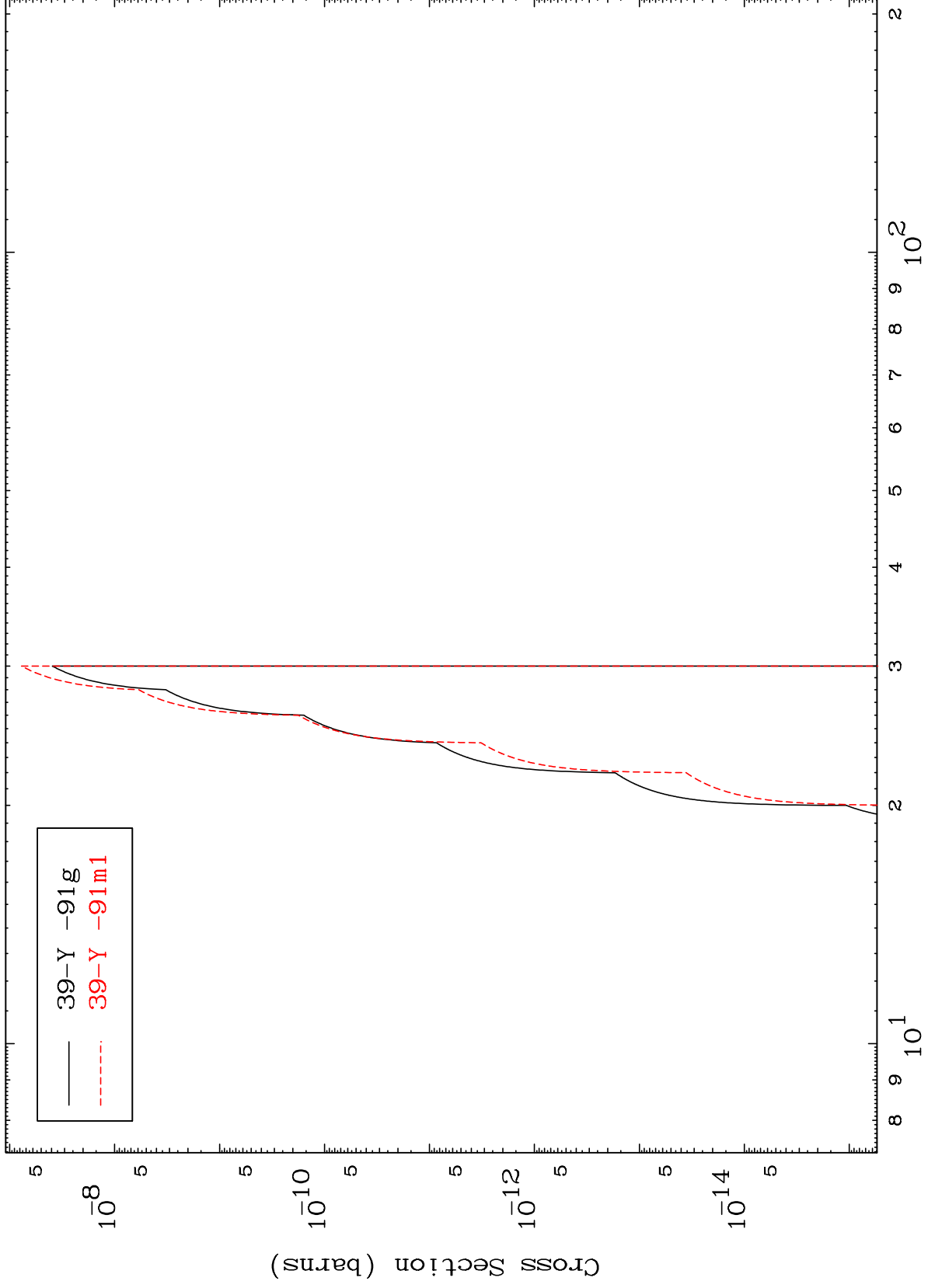
42-Mo-99

MAT 4246

$(n,2n) 2\alpha$

42-Mo-99

Radionuclide Production Cross Section



16

Incident Energy (MeV)

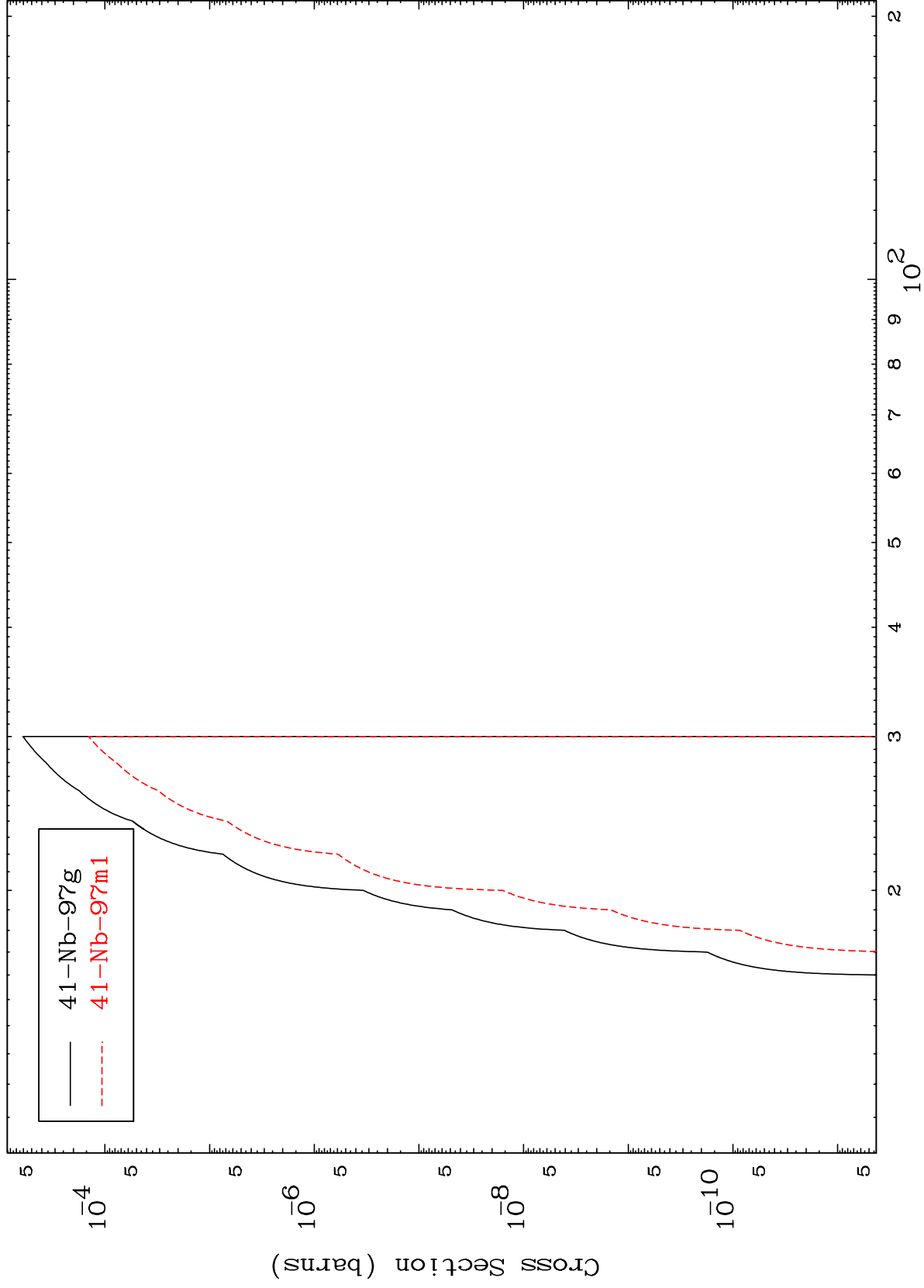
42-Mo-99

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(n,n') He-3

42-Mo-99

Radionuclide Production Cross Section



17

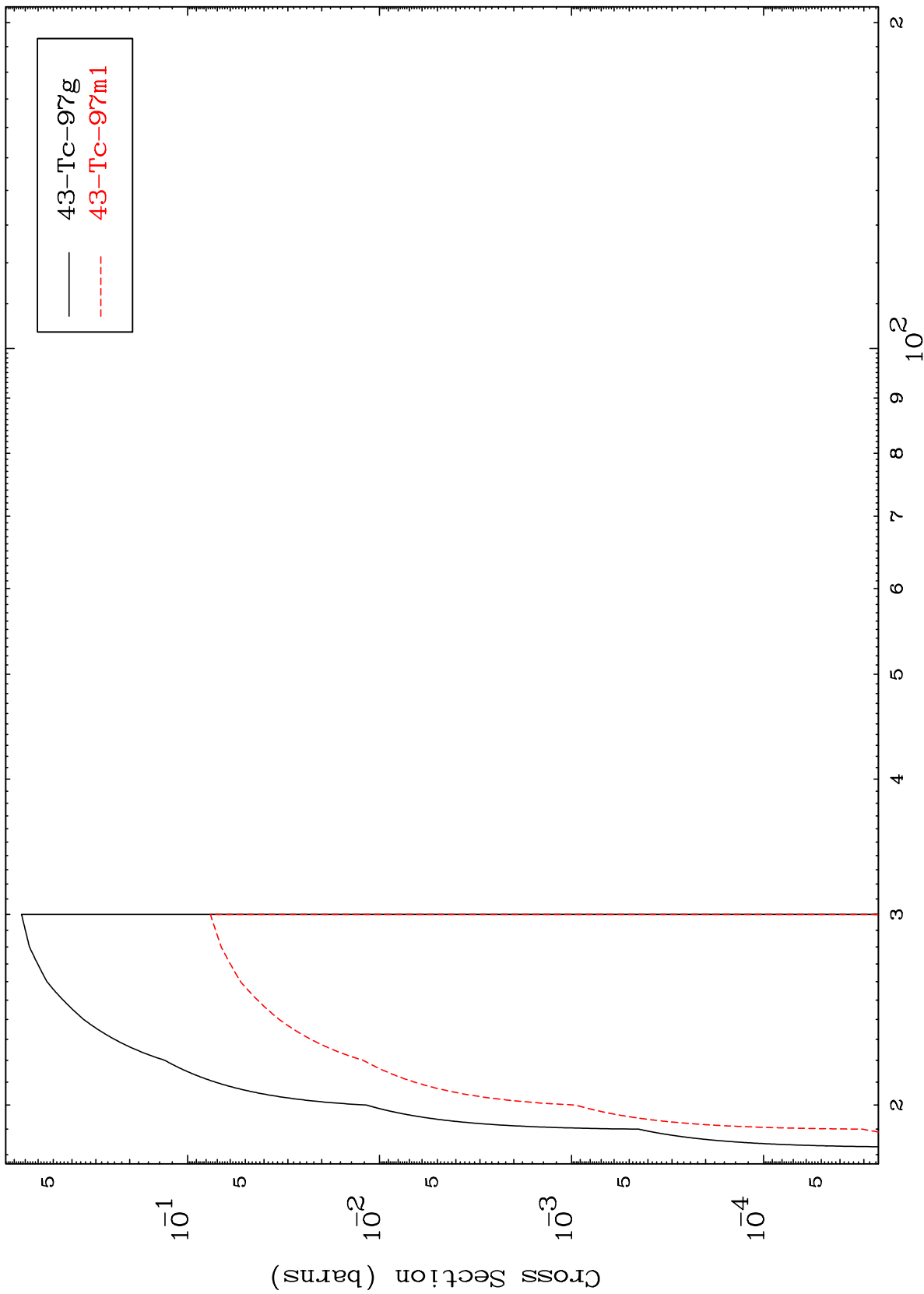
Incident Energy (MeV)

42-Mo-99

MAT 4246

42-Mo-99

(n,4n)
Radionuclide Production Cross Section

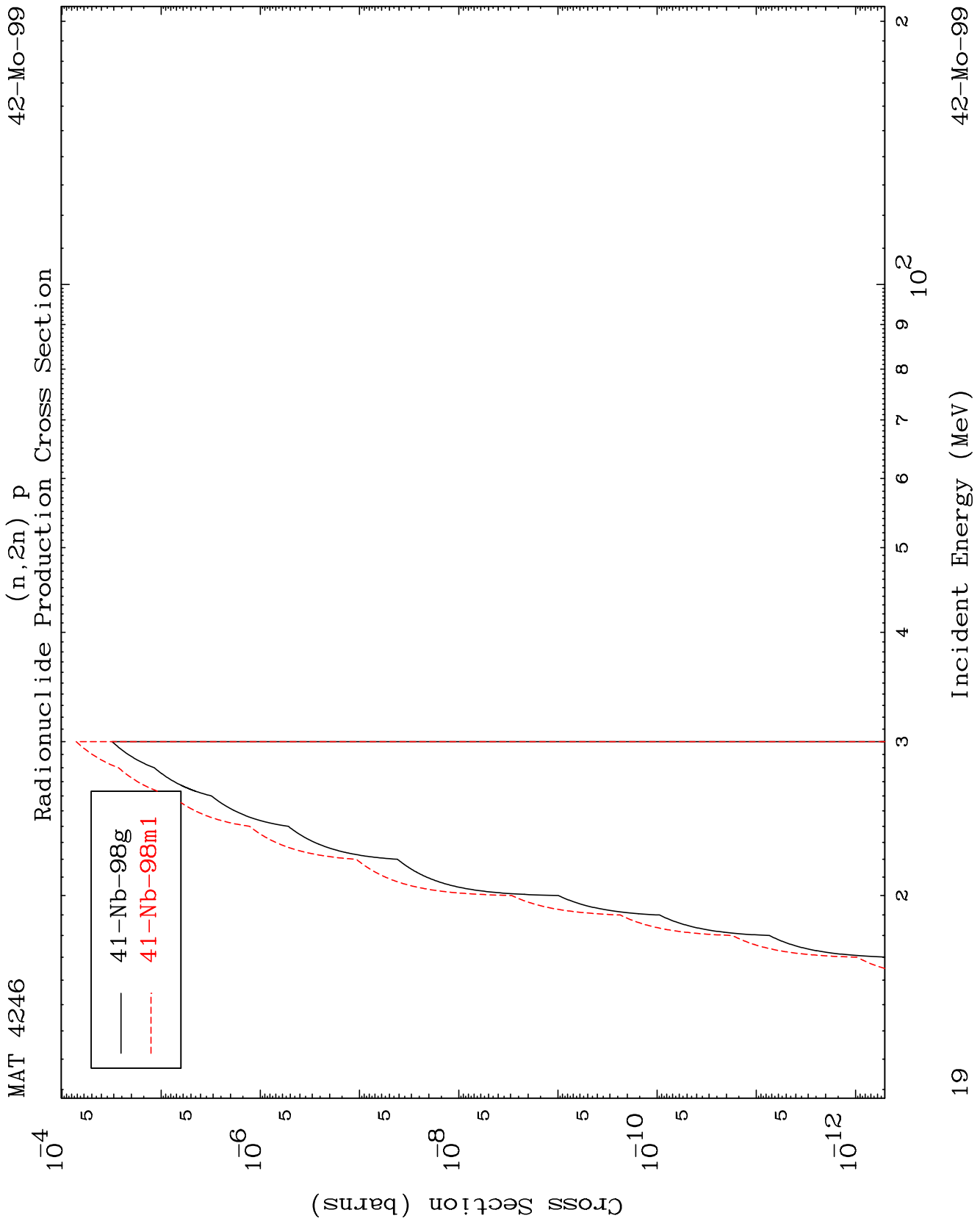


43-Tc-97g
43-Tc-97m1

42-Mo-99

Incident Energy (MeV)

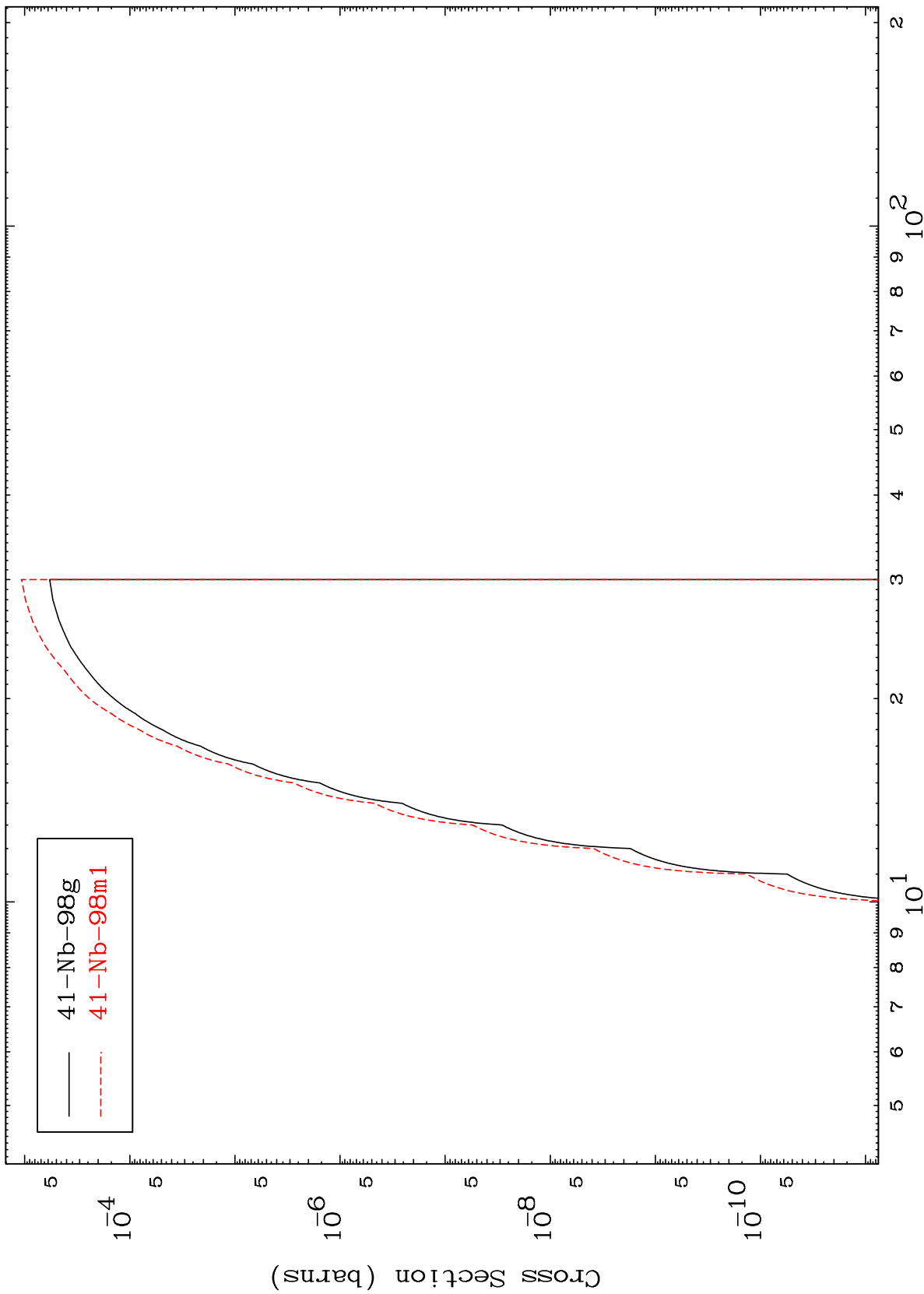
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42-Mo-99

Radionuclide Production Cross Section
(n,He-3)



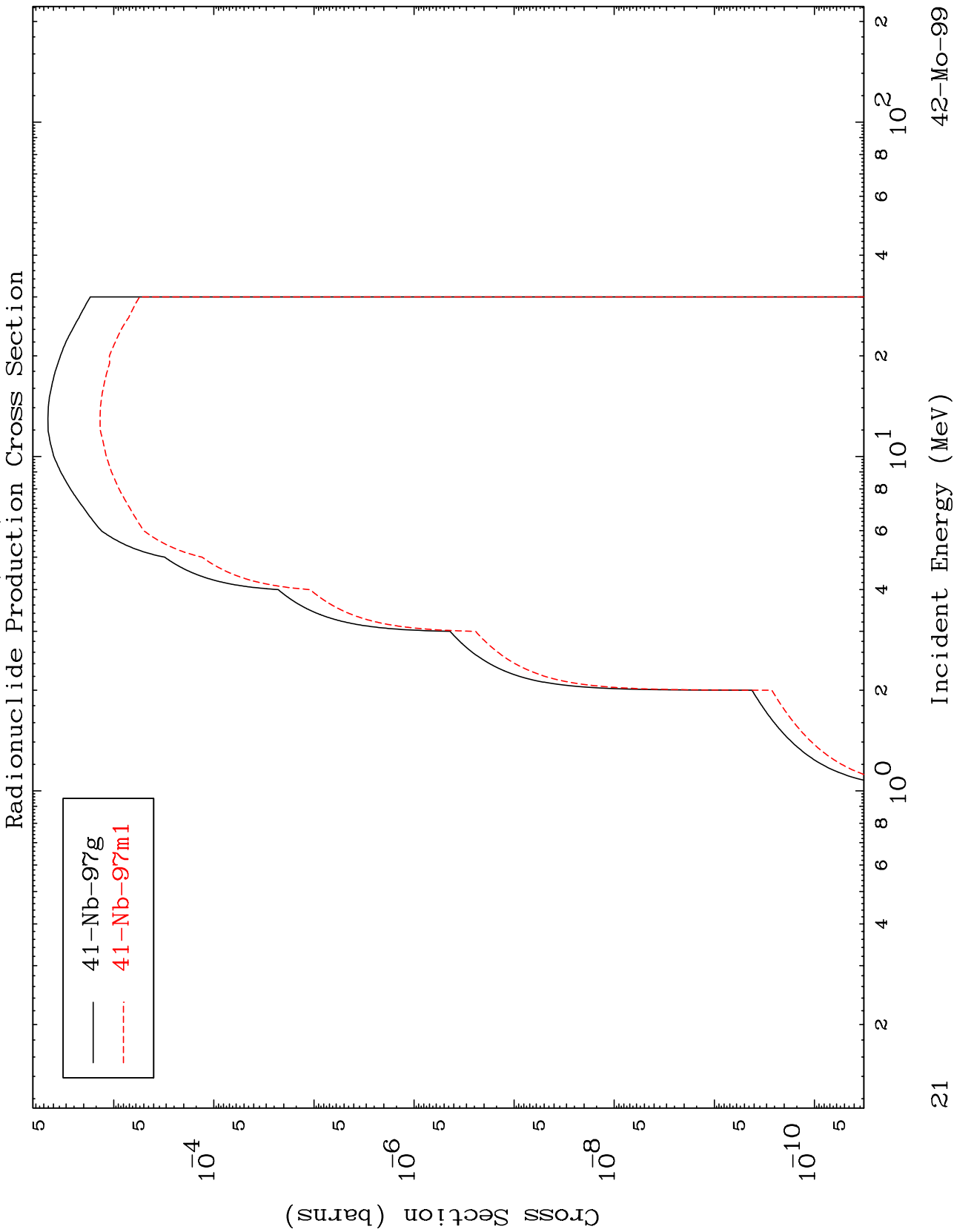
Incident Energy (MeV)

42-Mo-99

20

MAT 4246

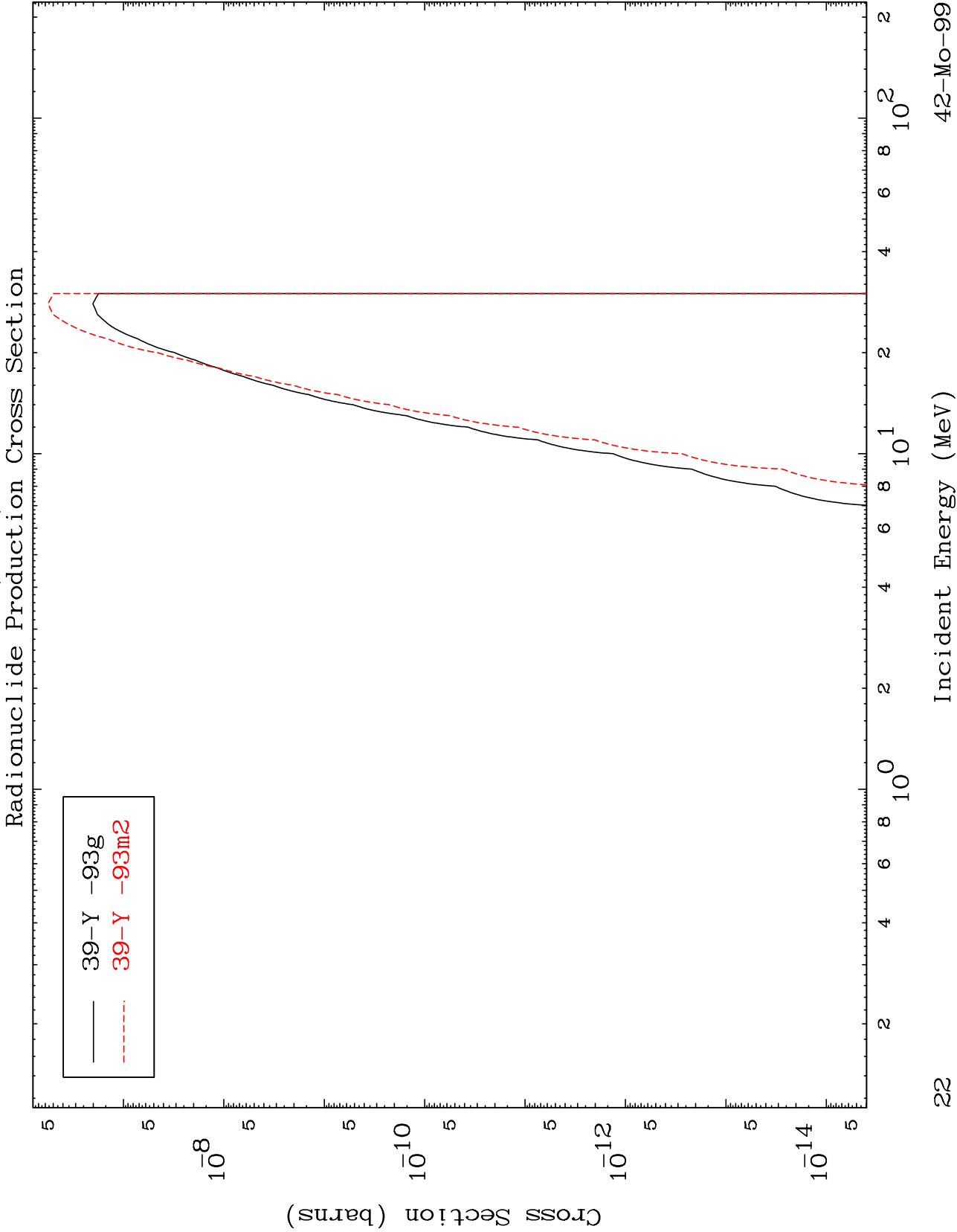
42-Mo-99



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(n,2α)

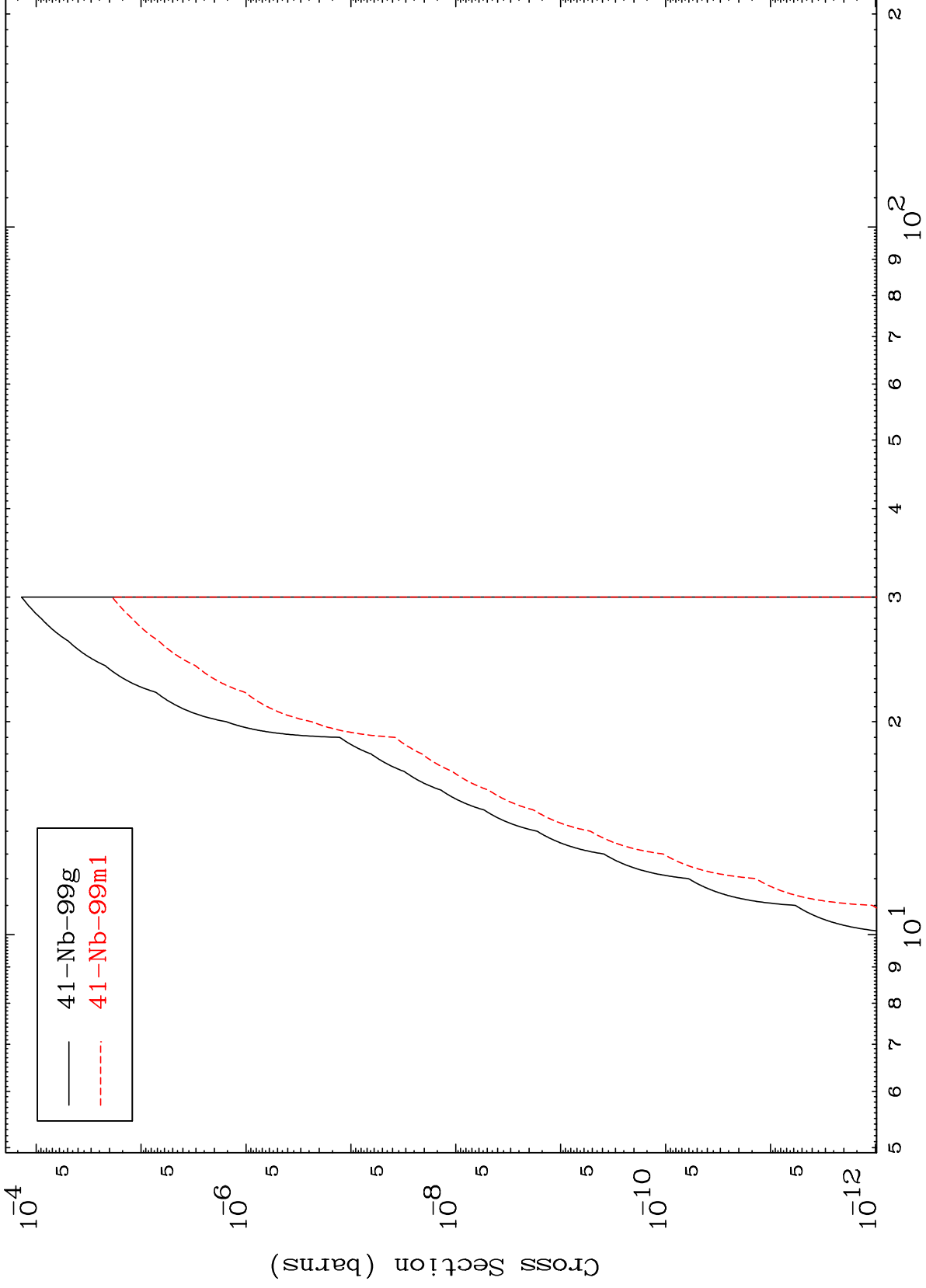
42-Mo-99



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42-Mo-99

(n,2p)
Radionuclide Production Cross Section



— 41-Nb-99g
- - - 41-Nb-99m1

23

Incident Energy (MeV)

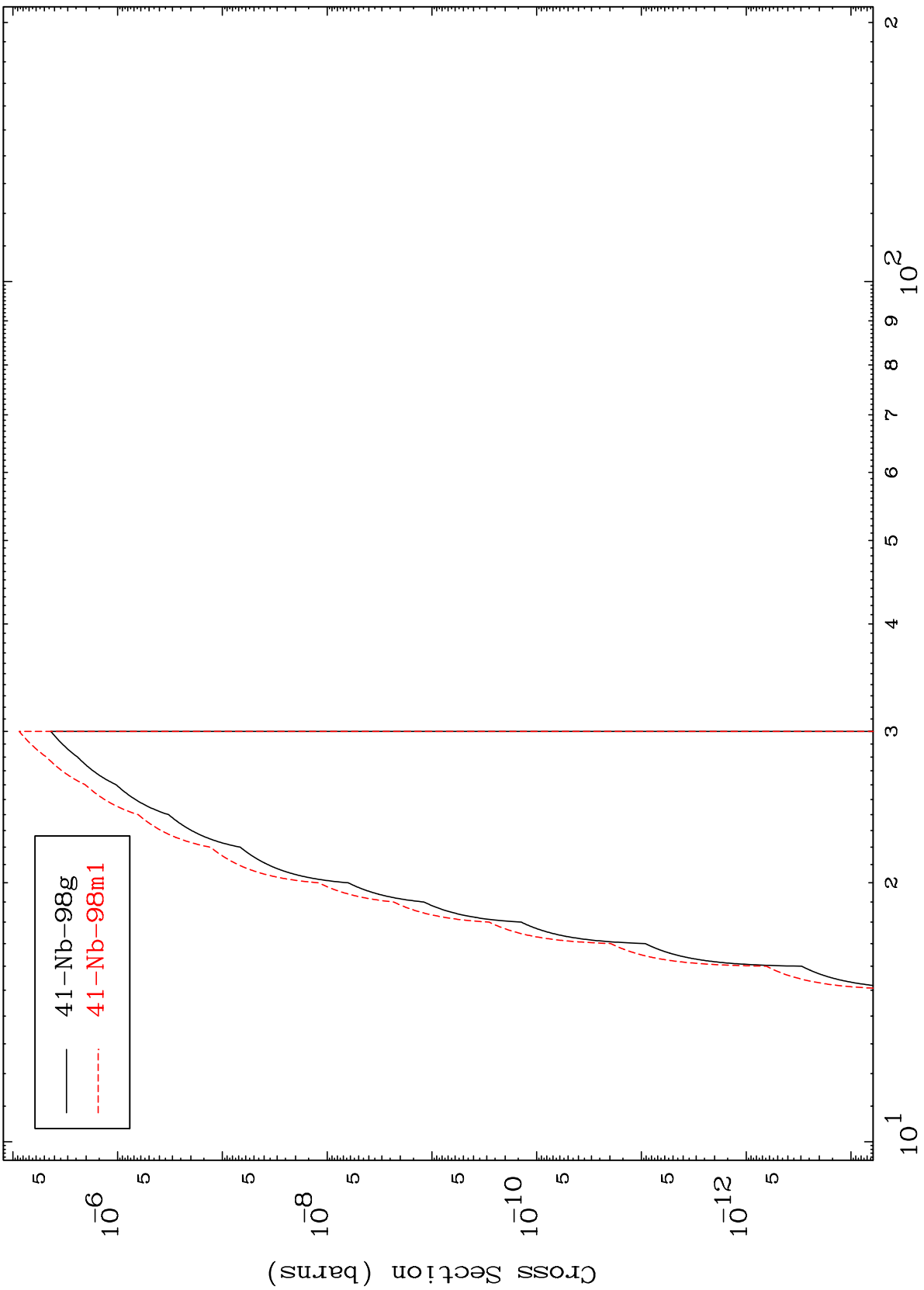
42-Mo-99

MAT 4246

(n,p) d

42-Mo-99

Radionuclide Production Cross Section



24

Incident Energy (MeV)

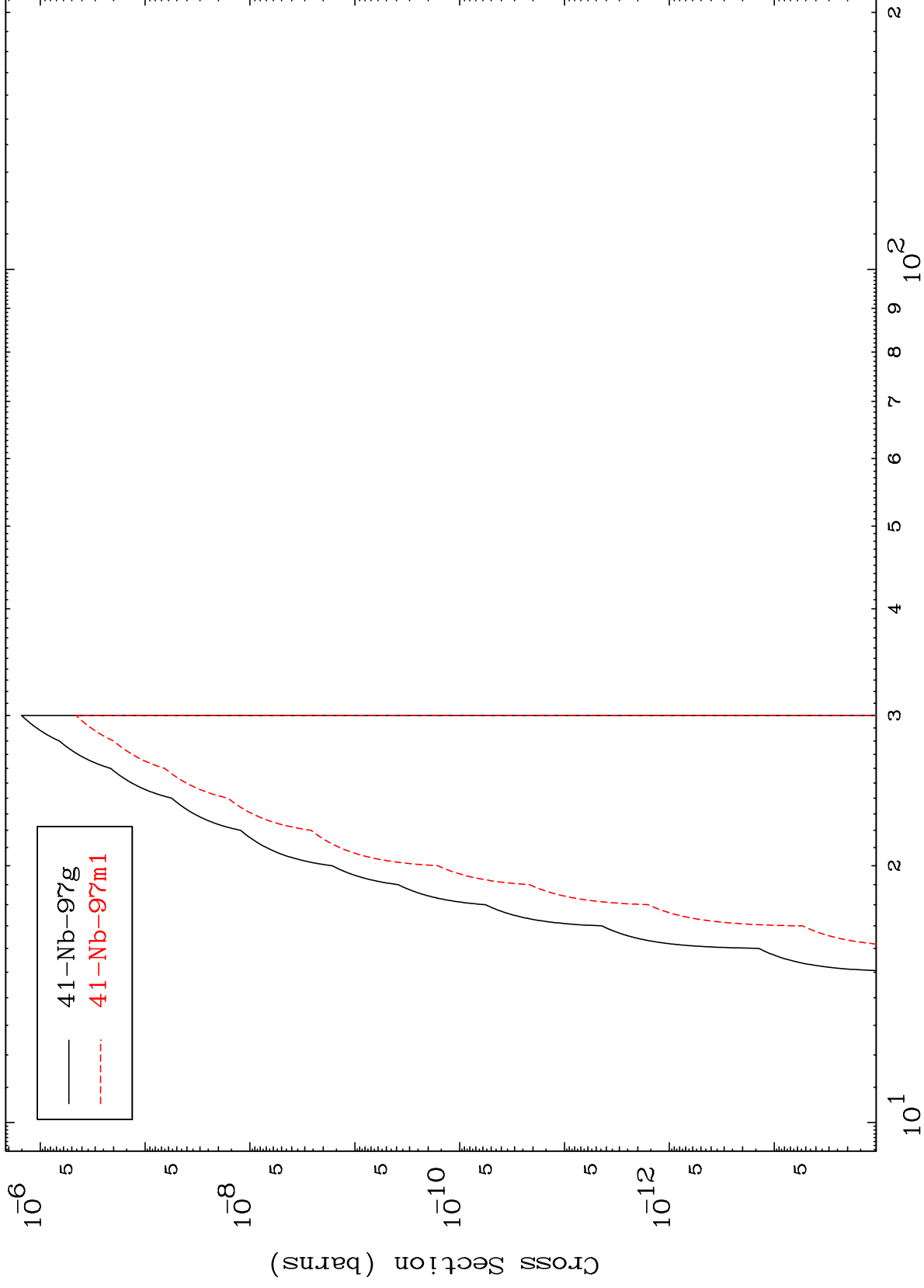
42-Mo-99

MAT 4246

(n,p) t

42-Mo-99

Radionuclide Production Cross Section



Incident Energy (MeV)

42-Mo-99

25