

Program EVALPLOT
(Version 2021-1)

by

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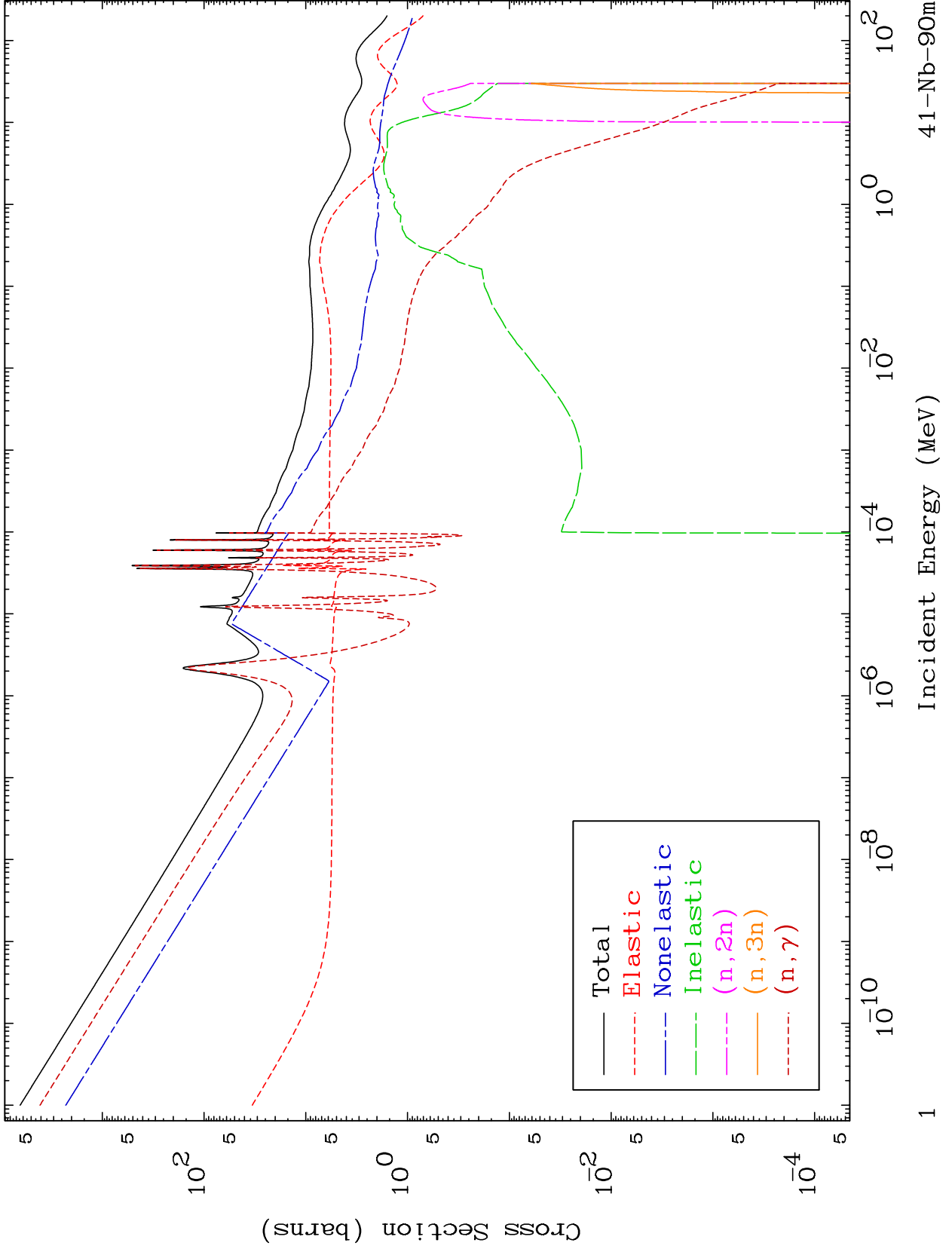
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Press Mouse Button to Start

MAT 4117

Neutron Major
293 Kelvin Cross Sections

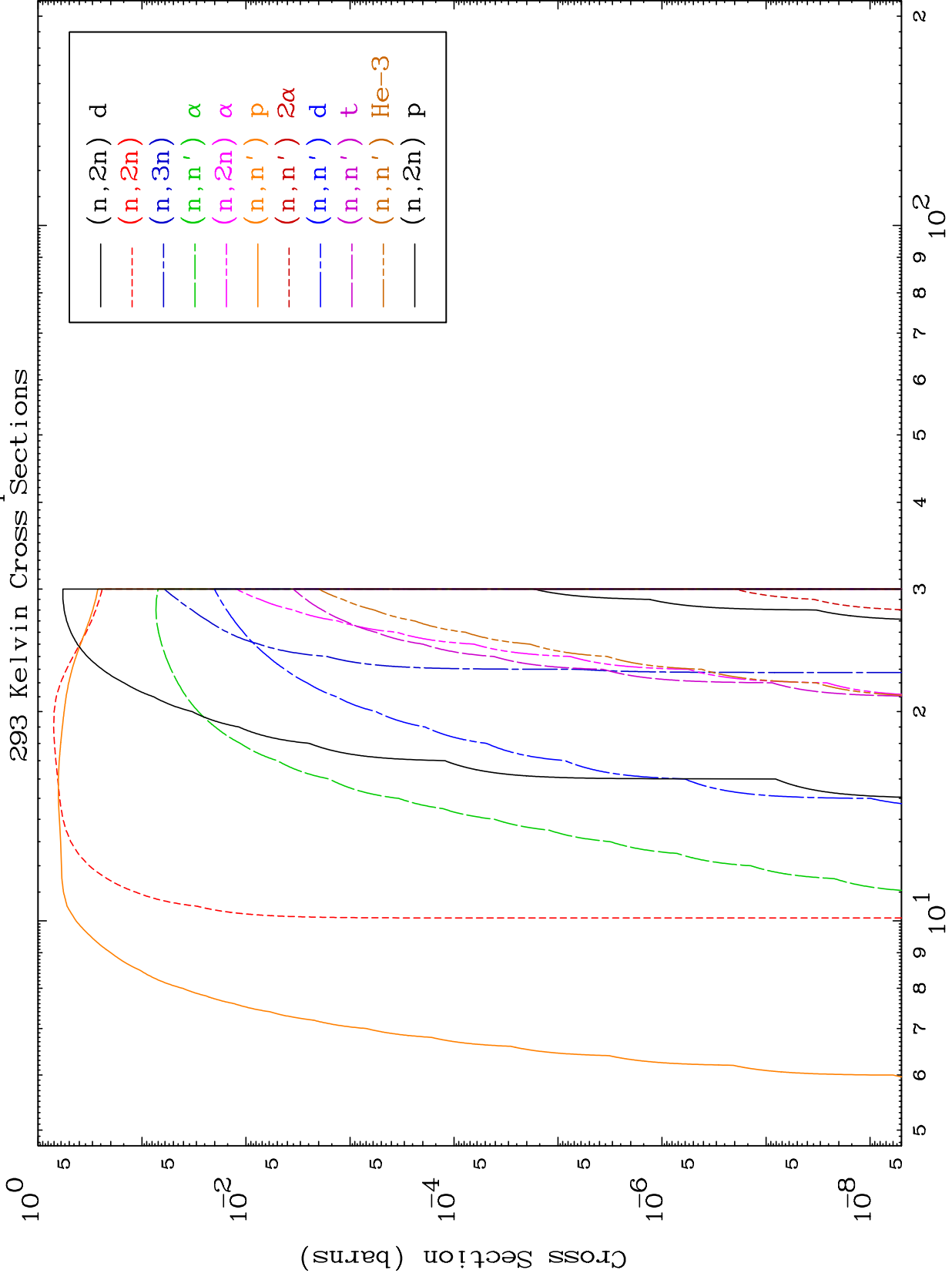
41-Nb-90m



MAT 4117

Neutron Absorption
293 Kelvin Cross Sections

41-Nb-90m



2

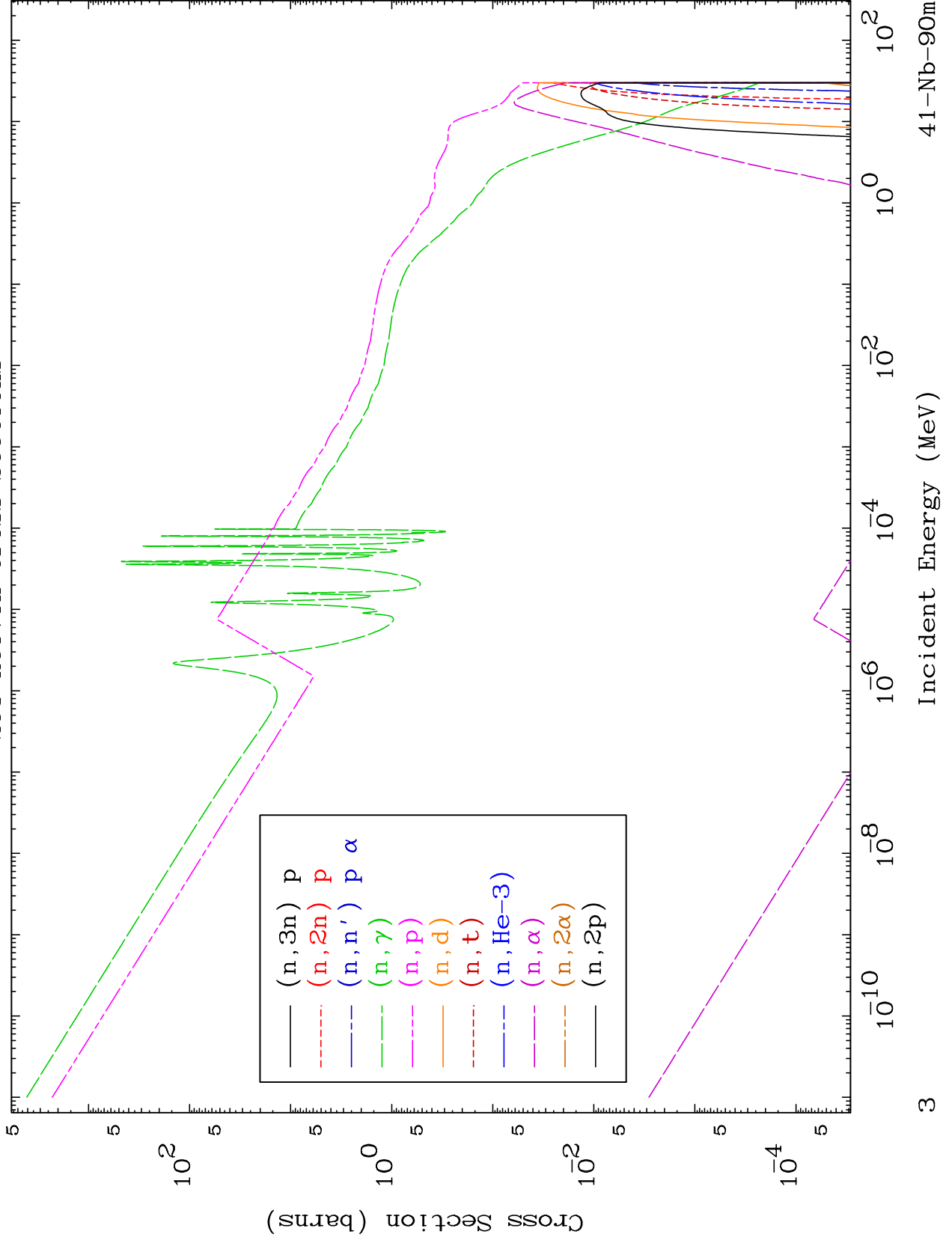
Incident Energy (MeV)

41-Nb-90m

MAT 4117

Neutron Absorption
293 Kelvin Cross Sections

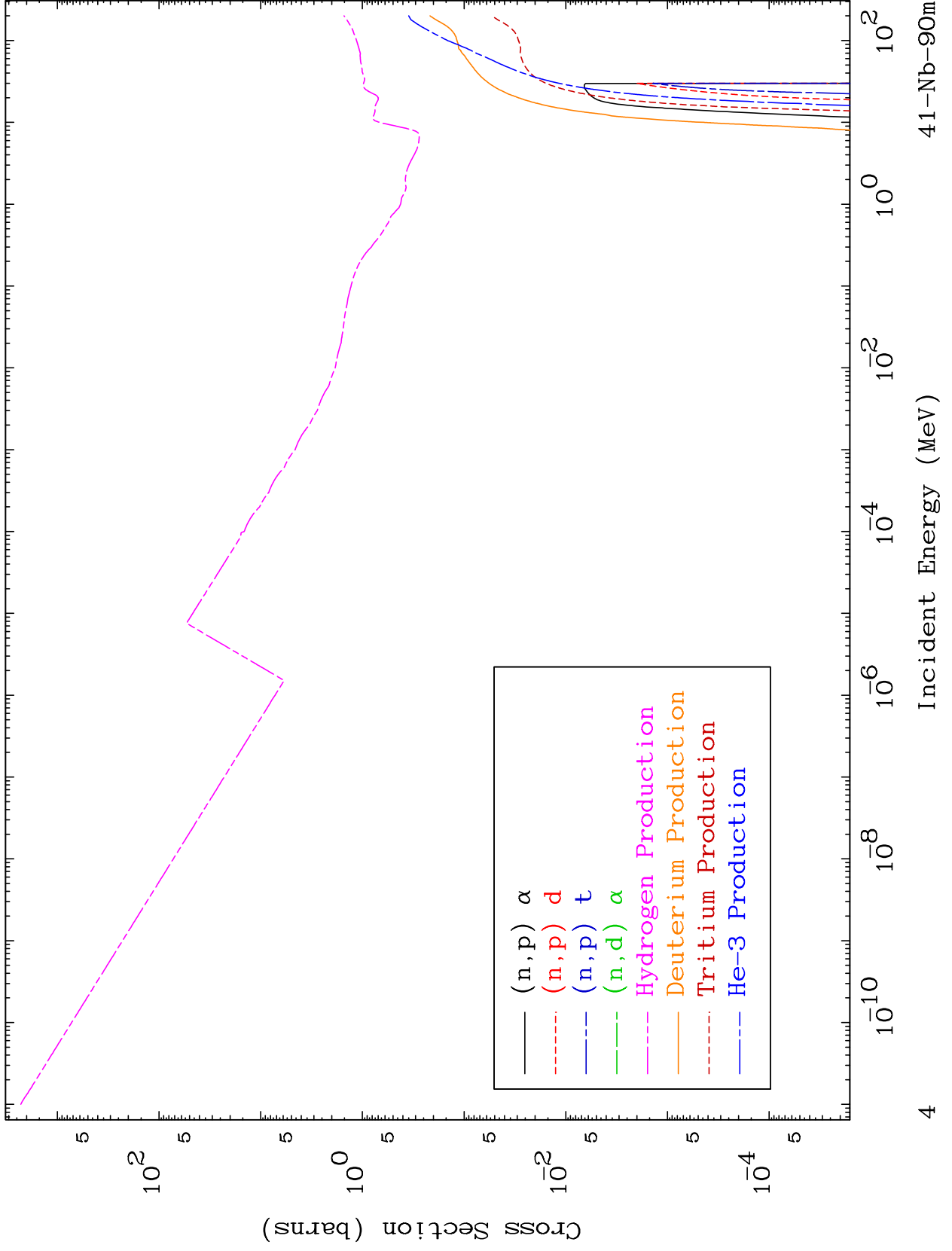
41-Nb-90m



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Neutron Absorption
293 Kelvin Cross Sections

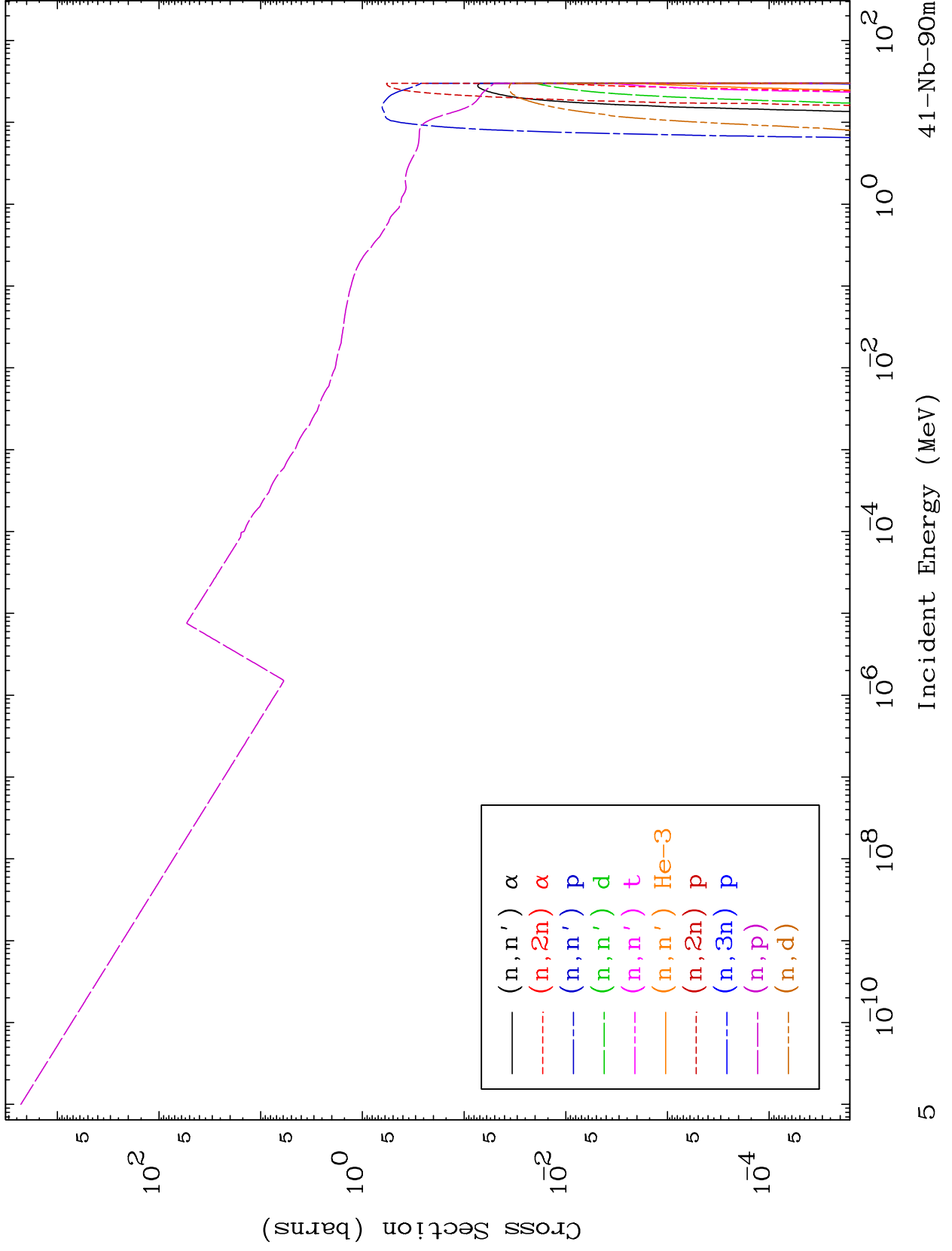
41-Nb-90m



MAT 4117

Charged Particle
293 Kelvin Cross Sections

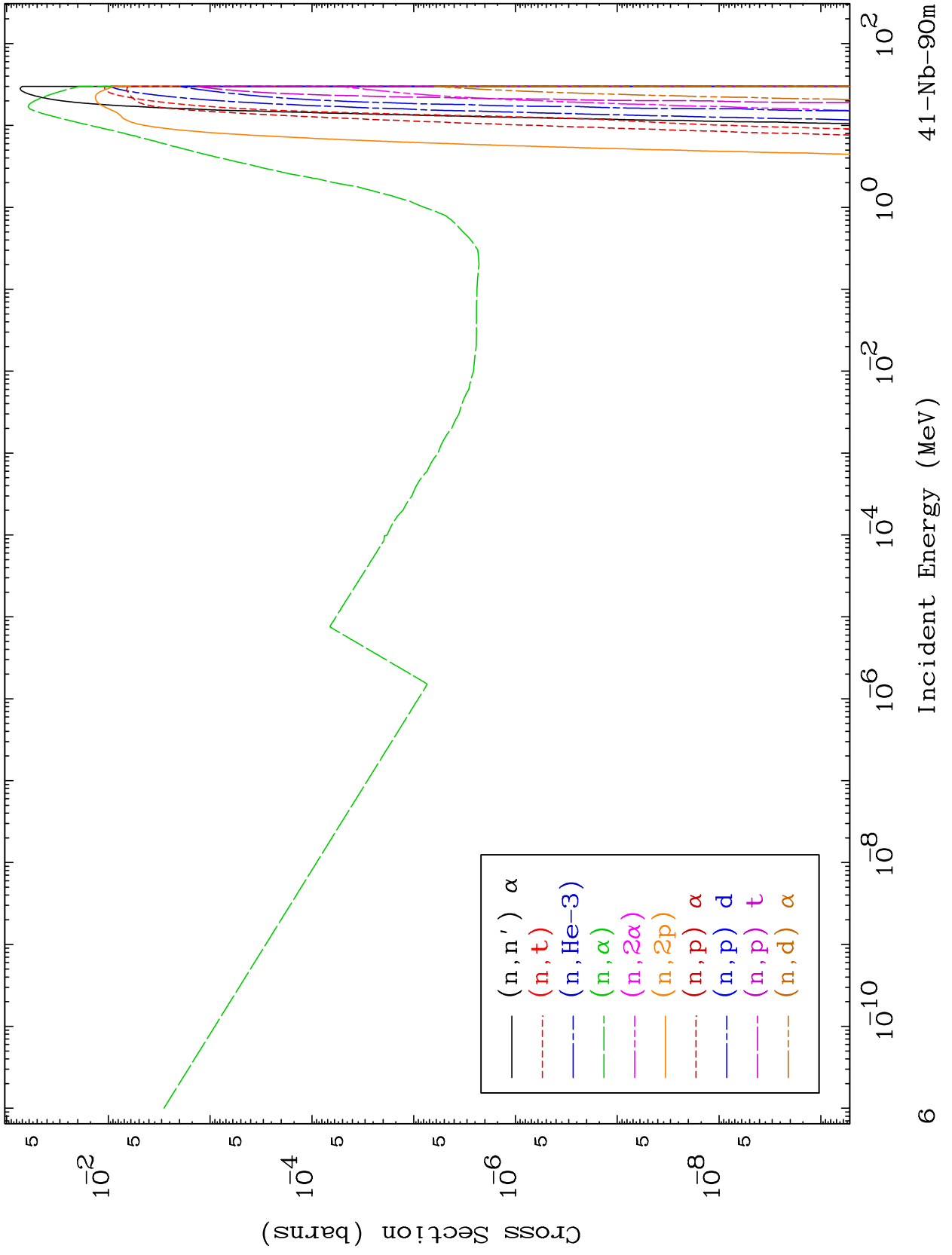
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MAT 4117

Charged Particle
293 Kelvin Cross Sections

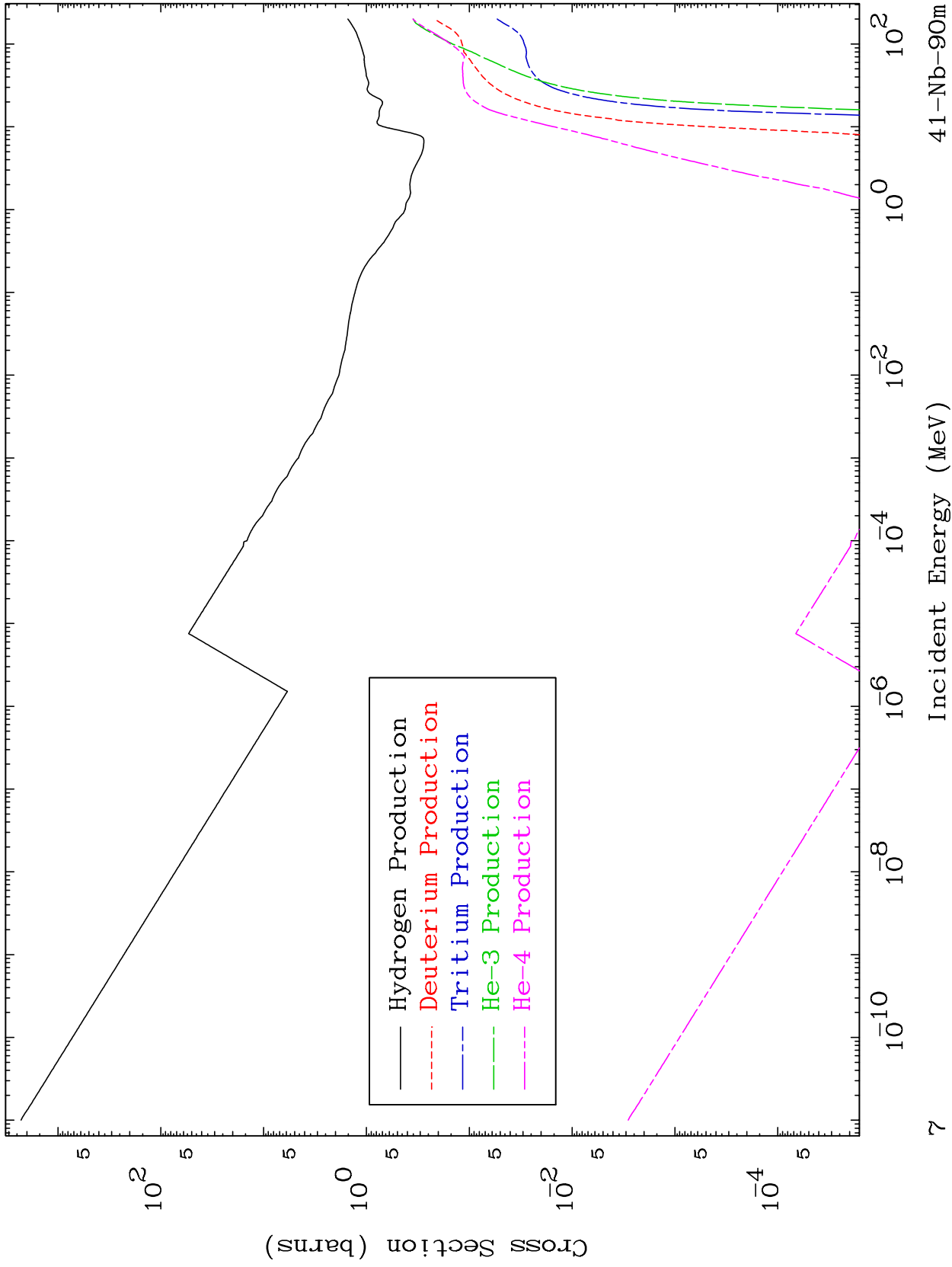
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Particle Production
293 Kelvin Cross Sections

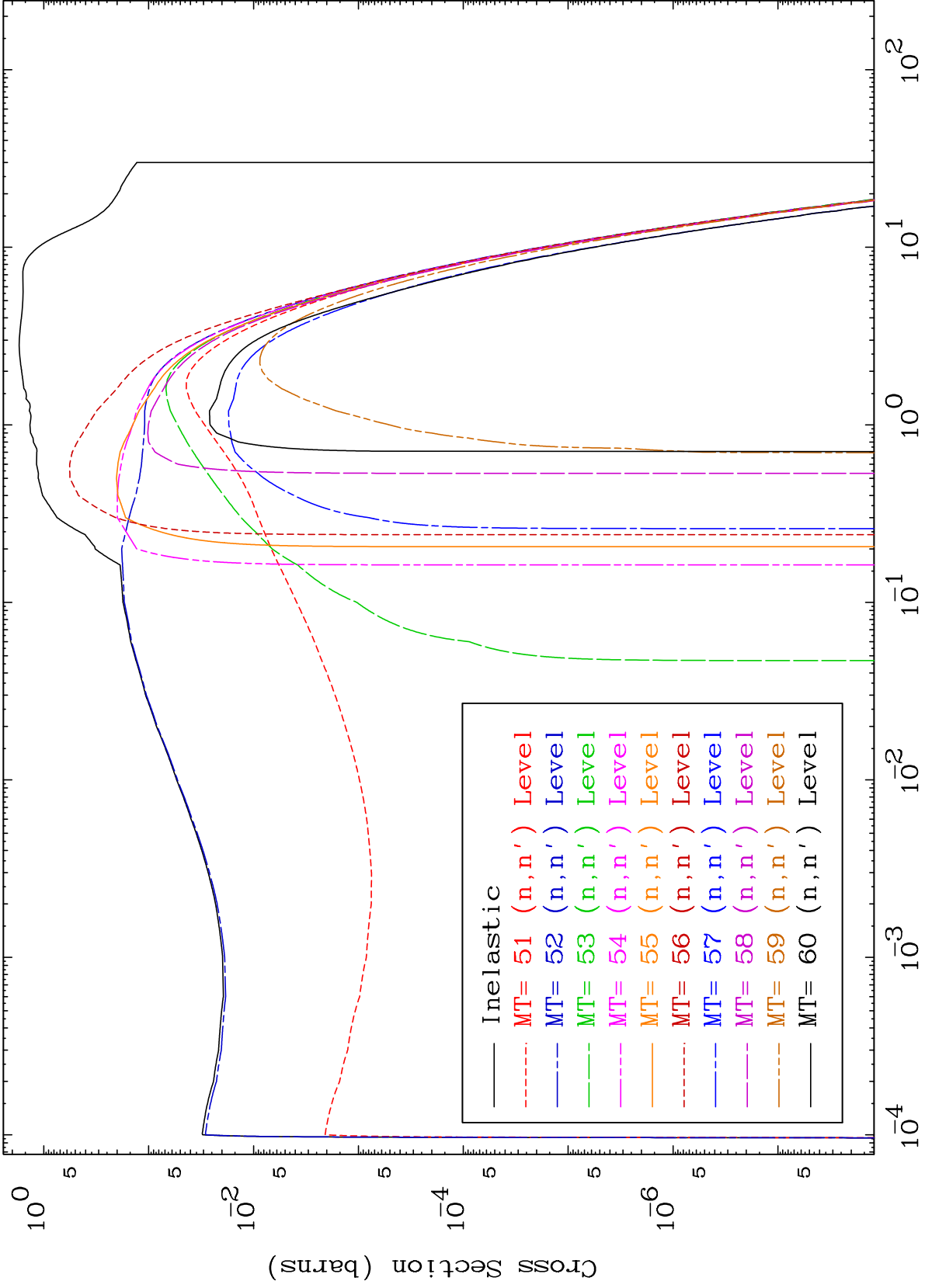
41-Nb-90m



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(n,n') Levels
293 Kelvin Cross Sections

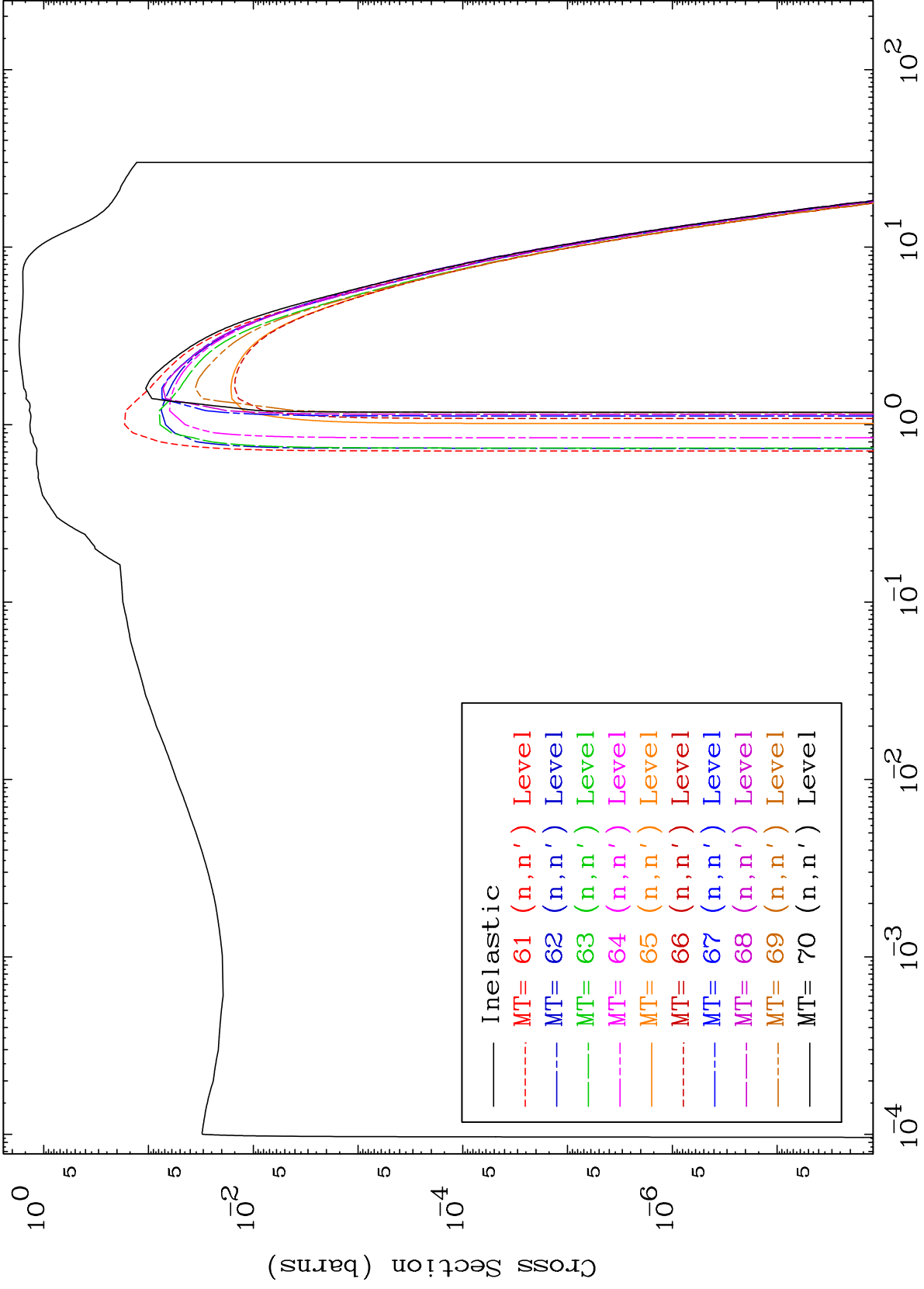
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MAT 4117

(n,n') Levels
293 Kelvin Cross Sections

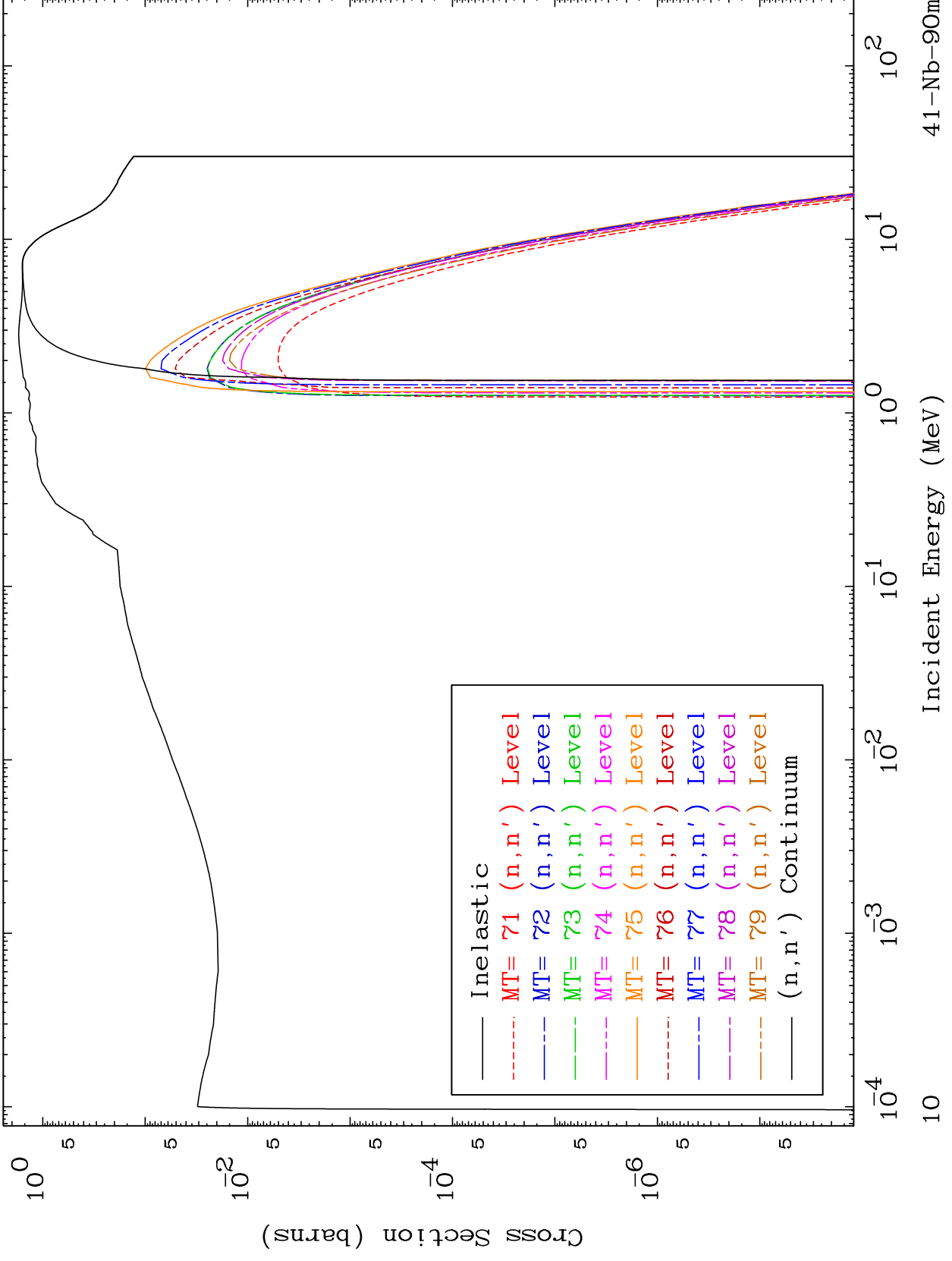
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(n,n') Levels
293 Kelvin Cross Sections

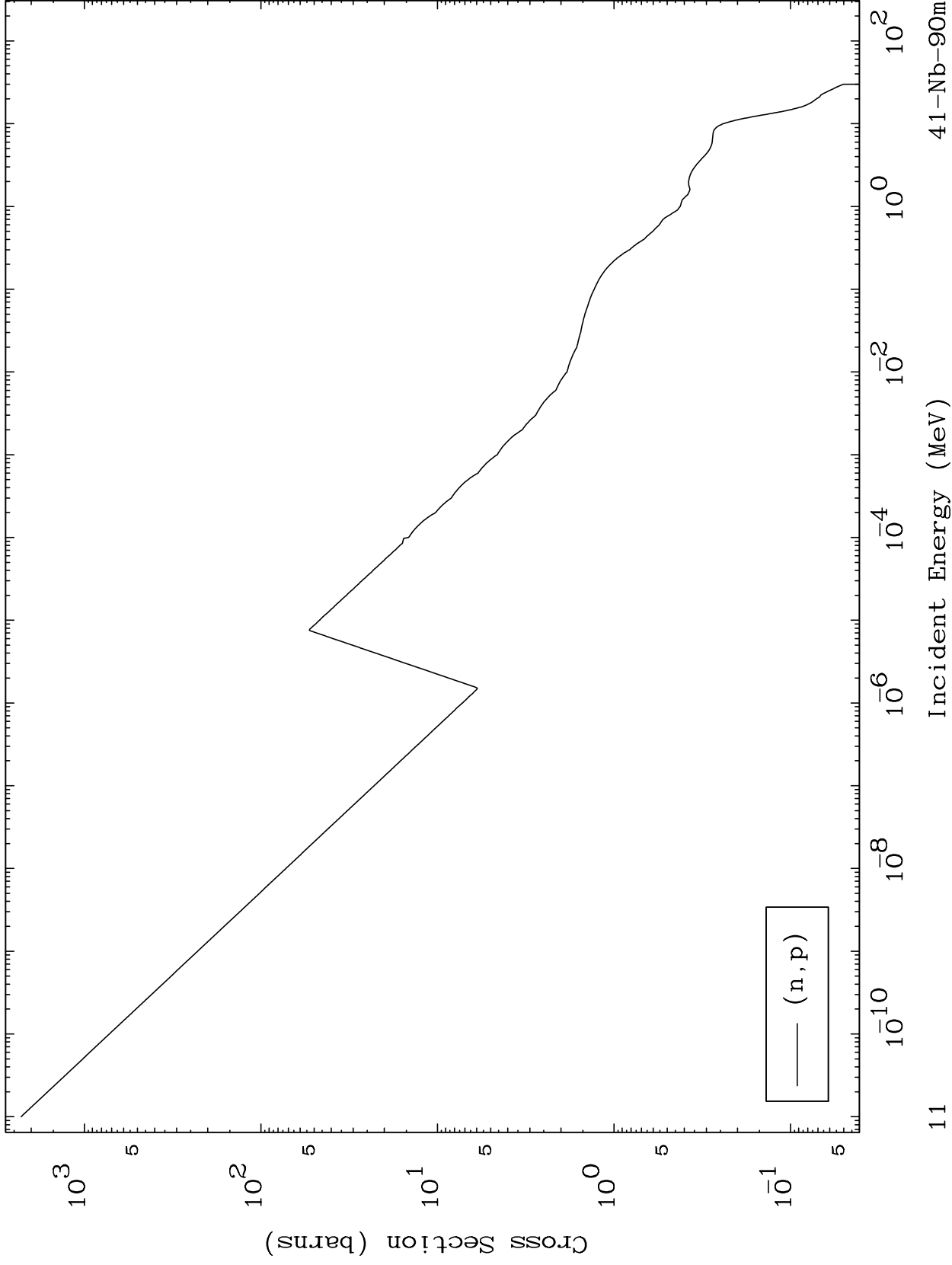
41-Nb-90m



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(n,p) Levels
293 Kelvin Cross Sections

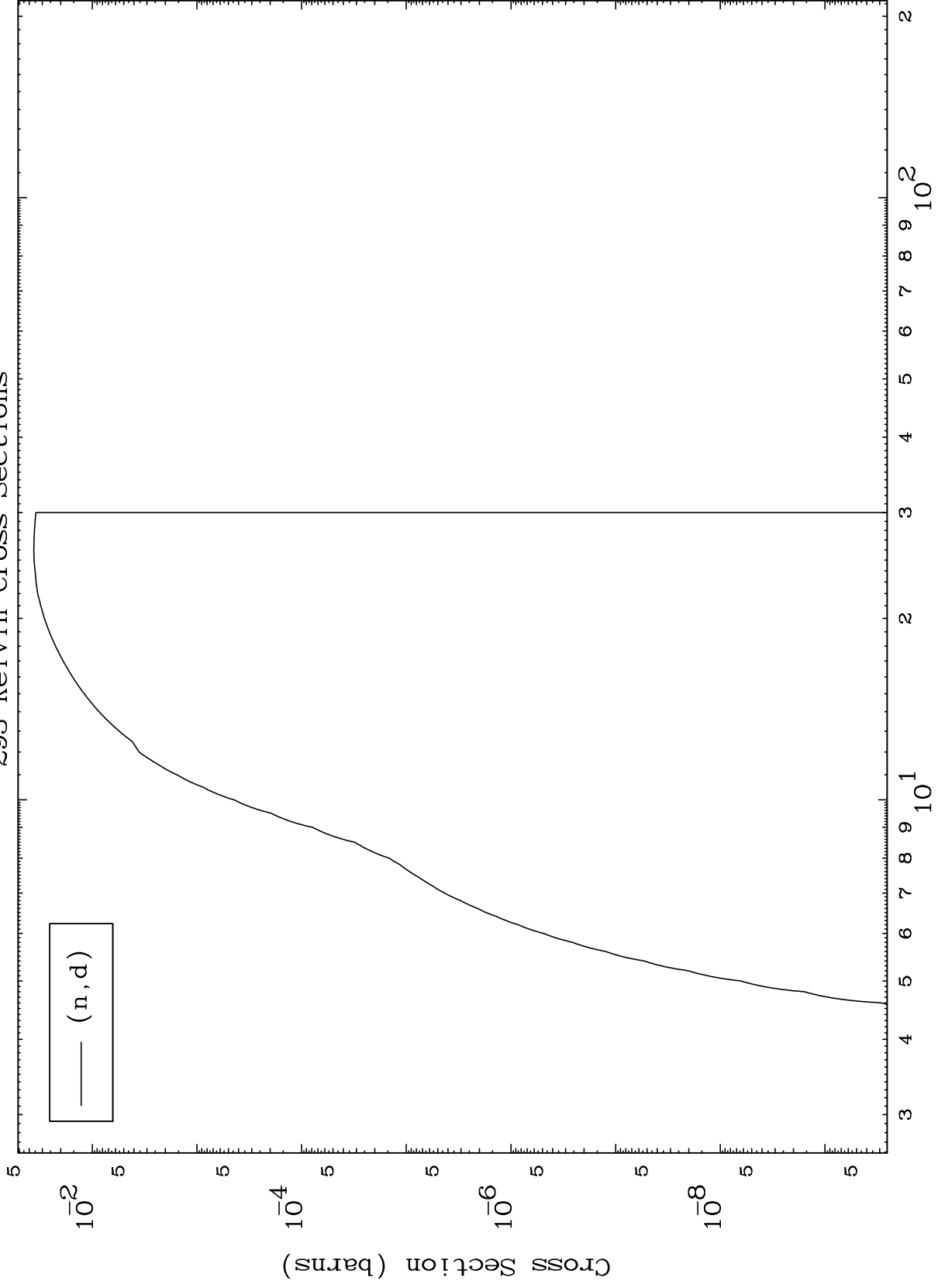
41-Nb-90m



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(n,d) Levels
293 Kelvin Cross Sections

41-Nb-90m



12

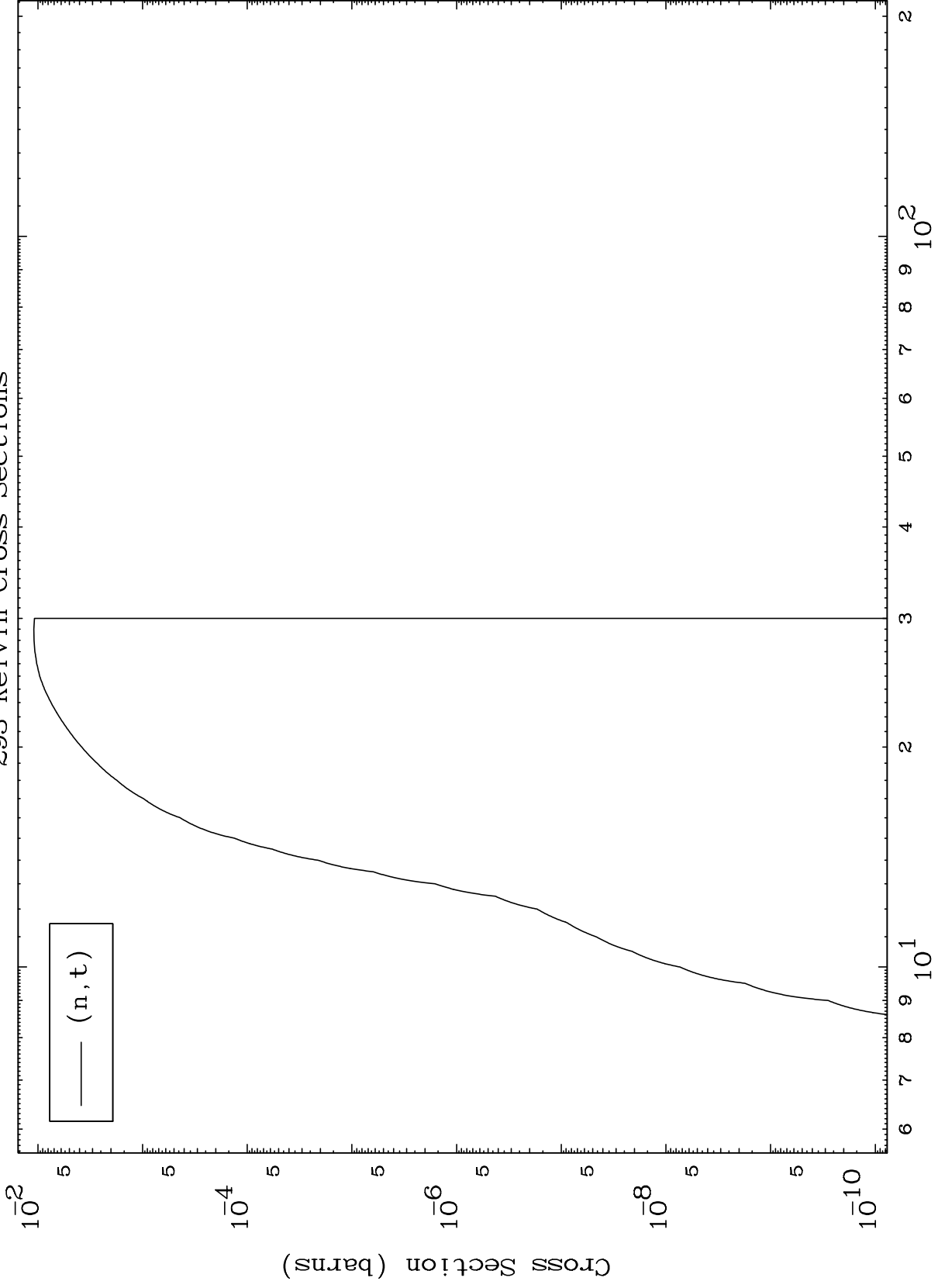
Incident Energy (MeV)

41-Nb-90m

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(n, t) Levels
293 Kelvin Cross Sections

41-Nb-90m



13

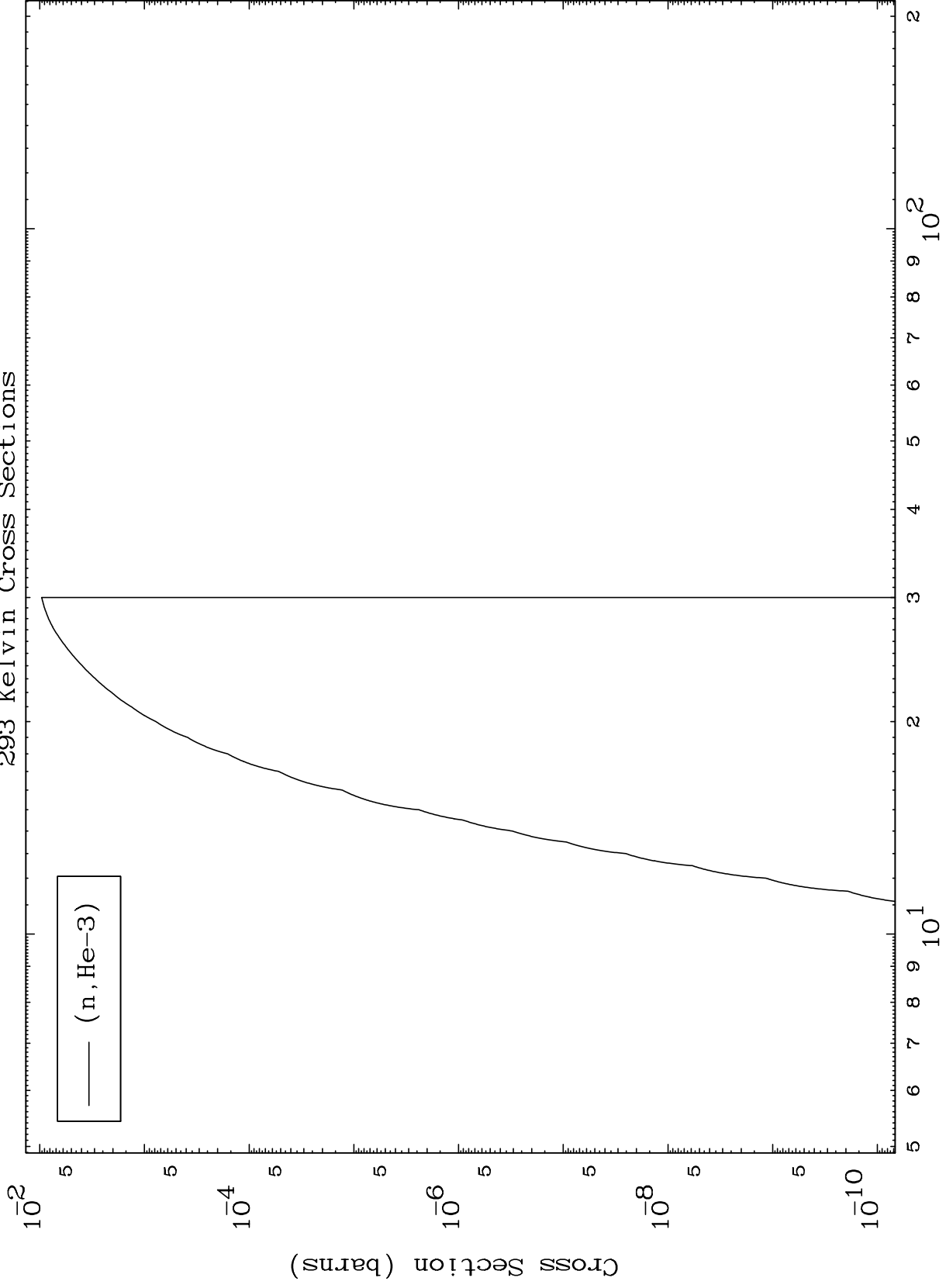
Incident Energy (MeV)

41-Nb-90m

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(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-90m



14

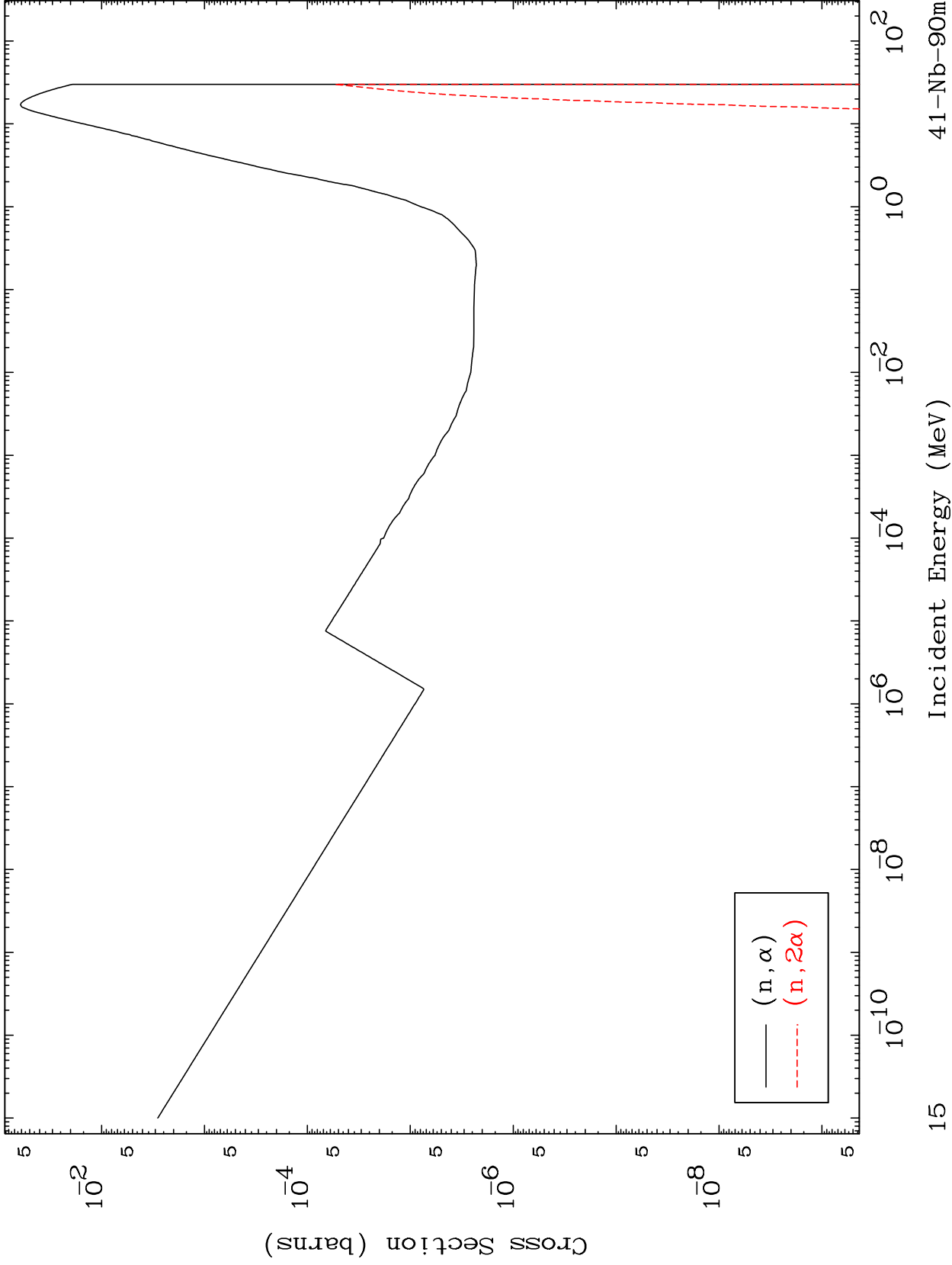
Incident Energy (MeV)

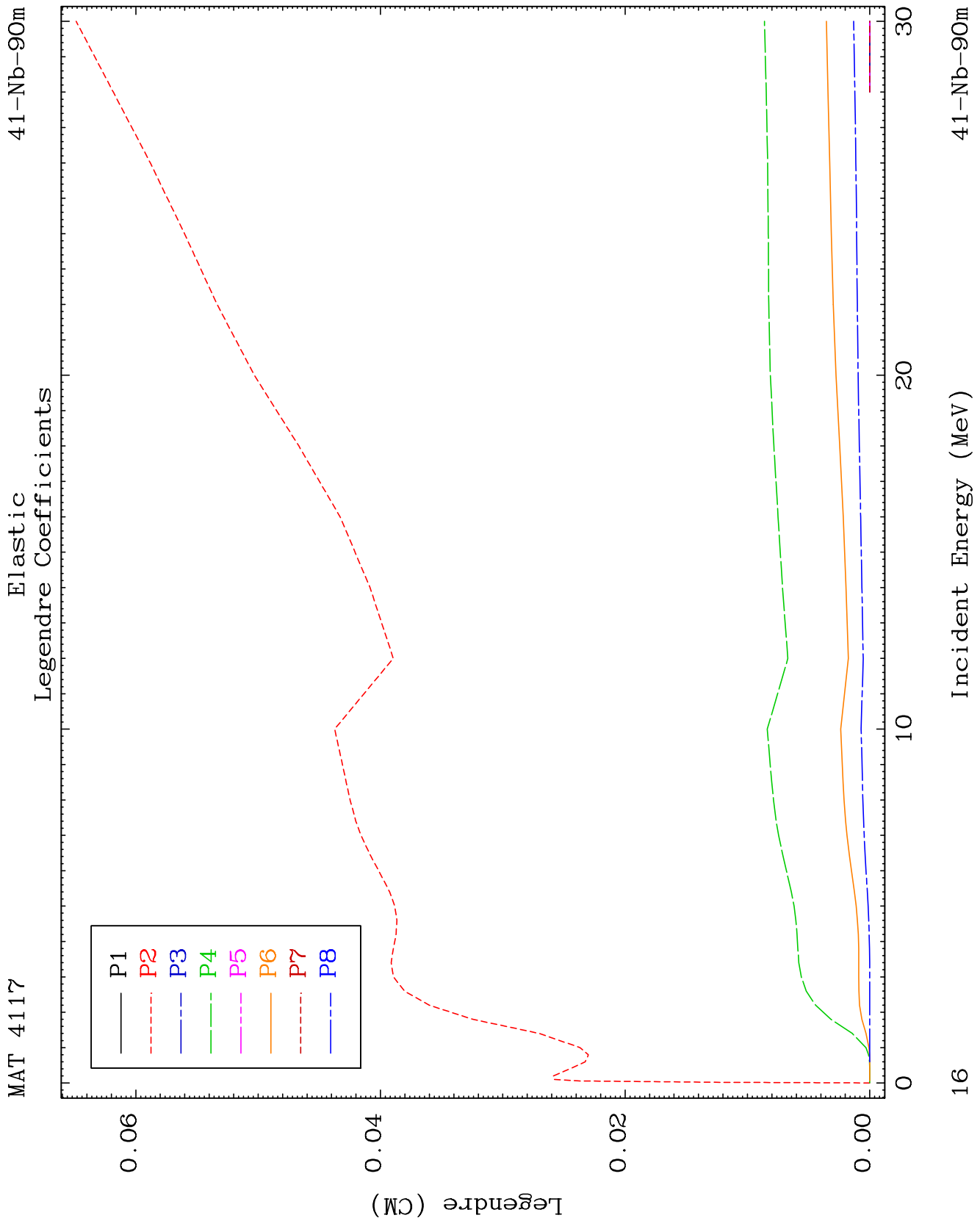
41-Nb-90m

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(n,α) Levels
293 Kelvin Cross Sections

41-Nb-90m

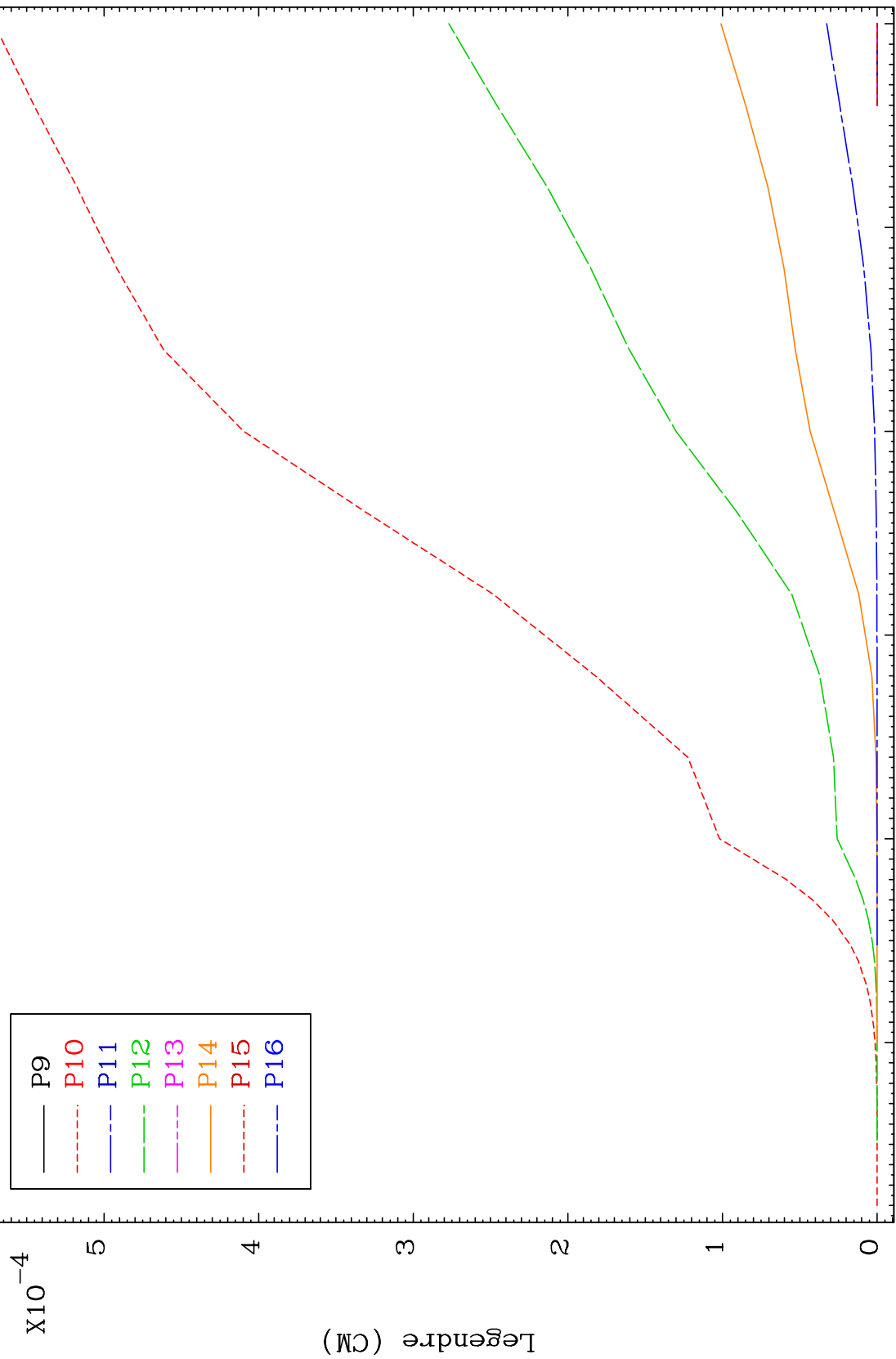
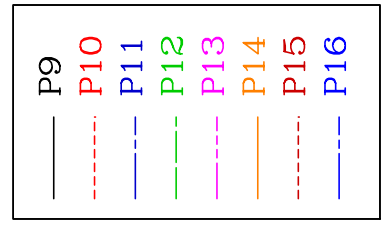




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Elastic Legendre Coefficients

41-Nb-90m



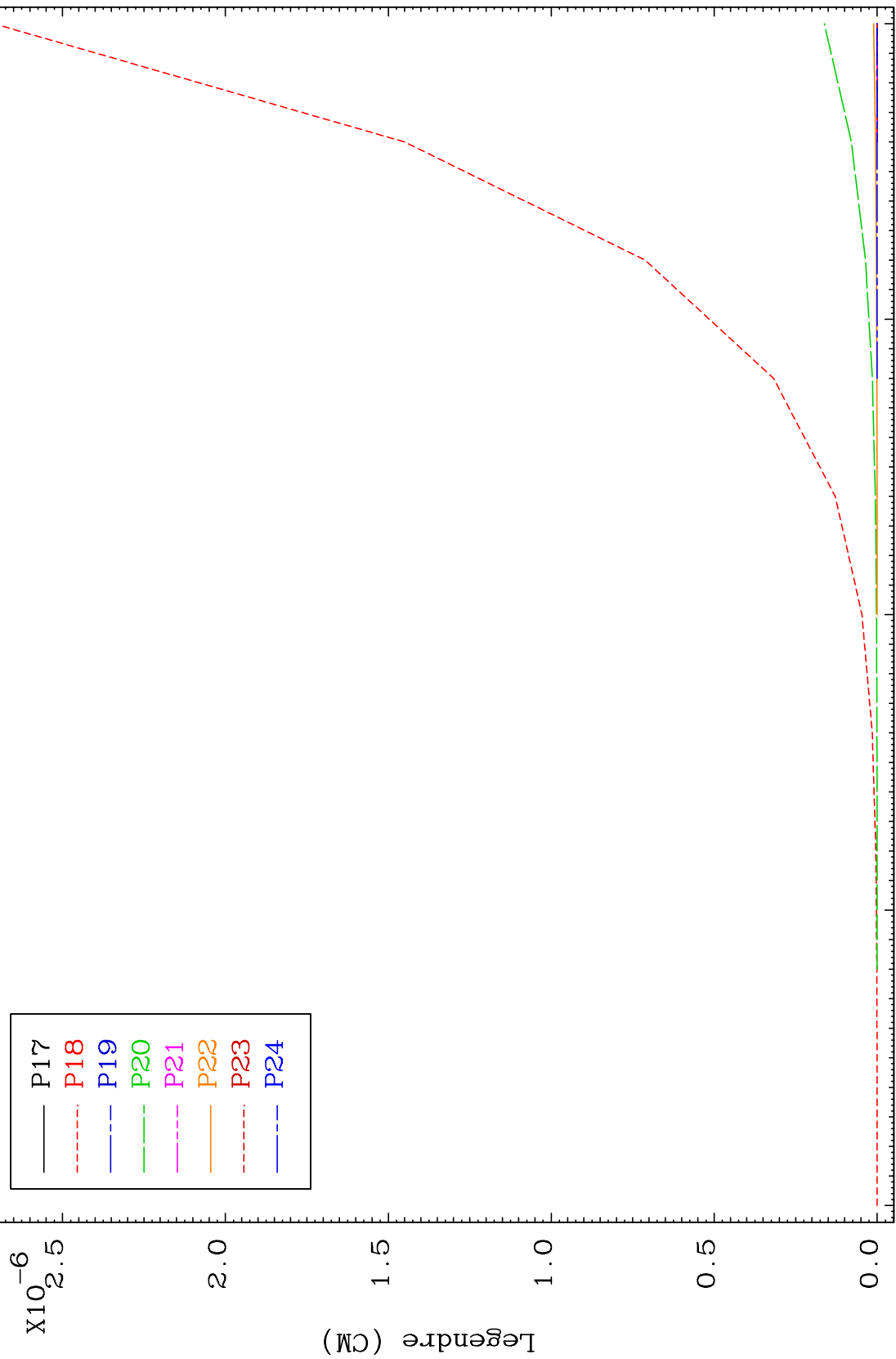
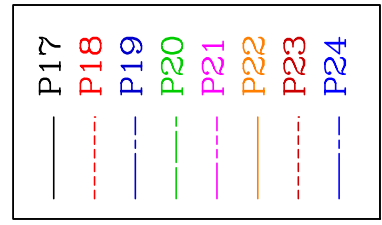
17

41-Nb-90m

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Elastic Legendre Coefficients

41-Nb-90m



18

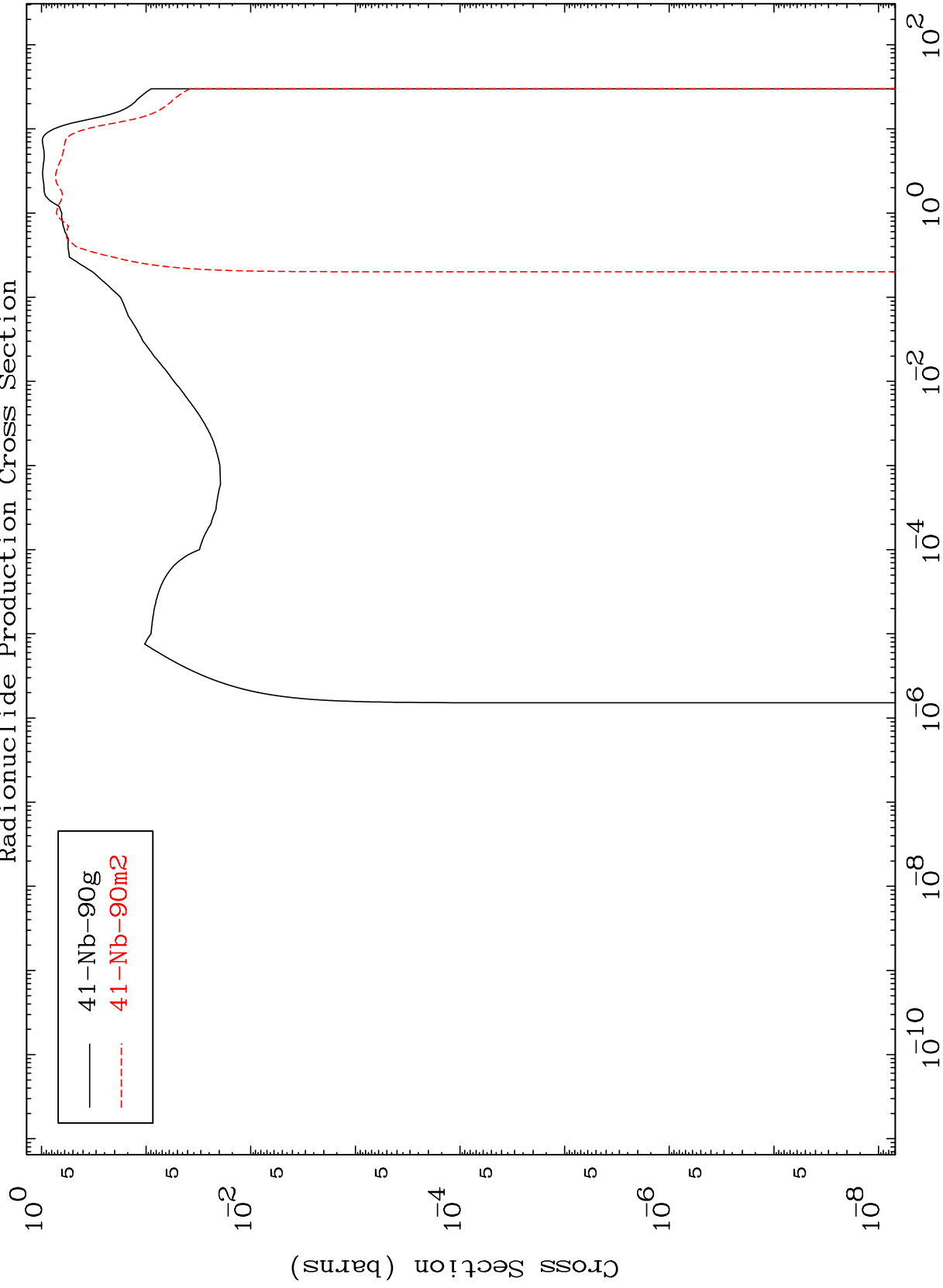
Incident Energy (MeV)

41-Nb-90m

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Inelastic
Radionuclide Production Cross Section

41-Nb-90m



19

Incident Energy (MeV)

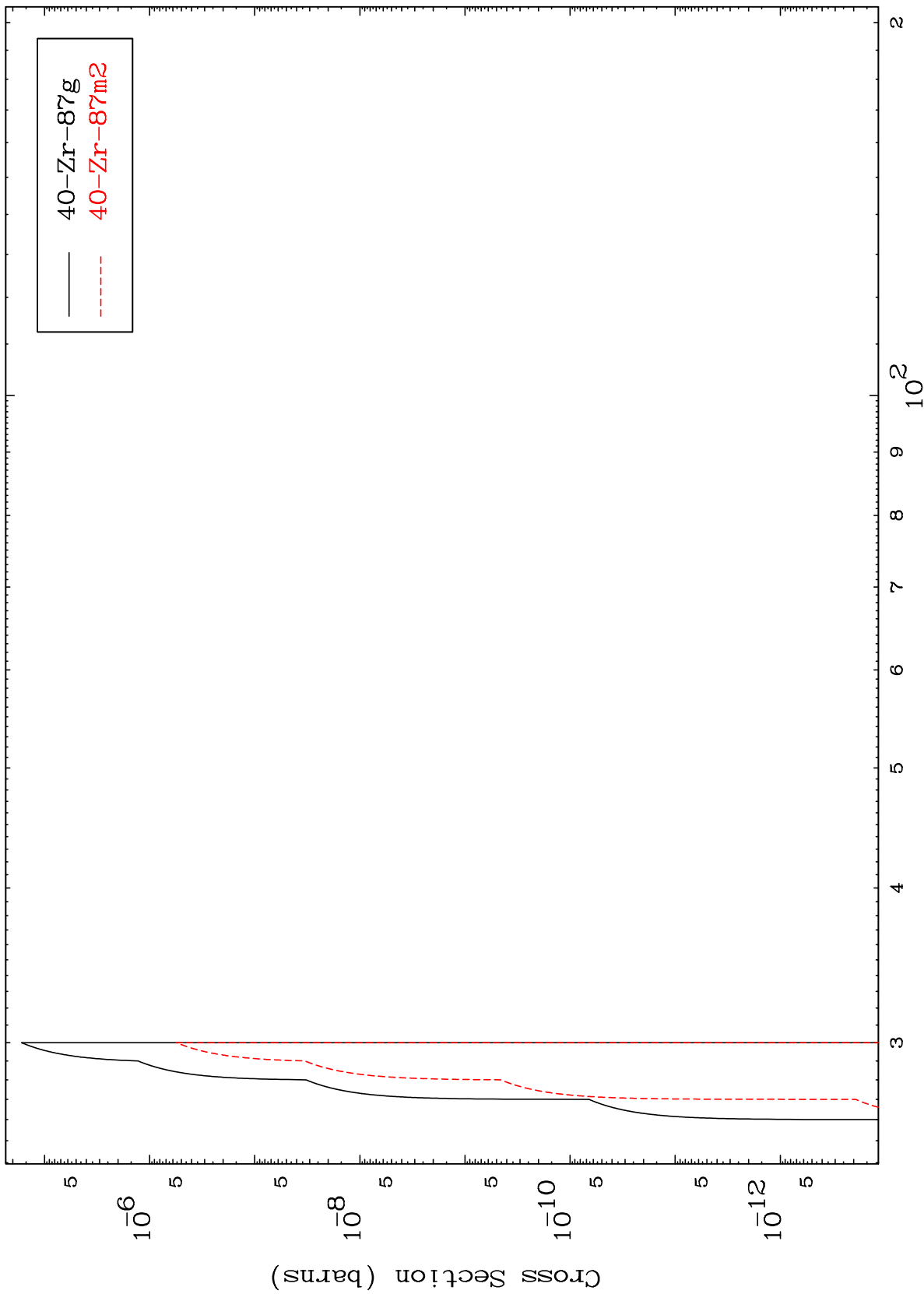
41-Nb-90m

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(n,2n) d

41-Nb-90m

Radionuclide Production Cross Section



40-Zr-87g
40-Zr-87m2

20

Incident Energy (MeV)

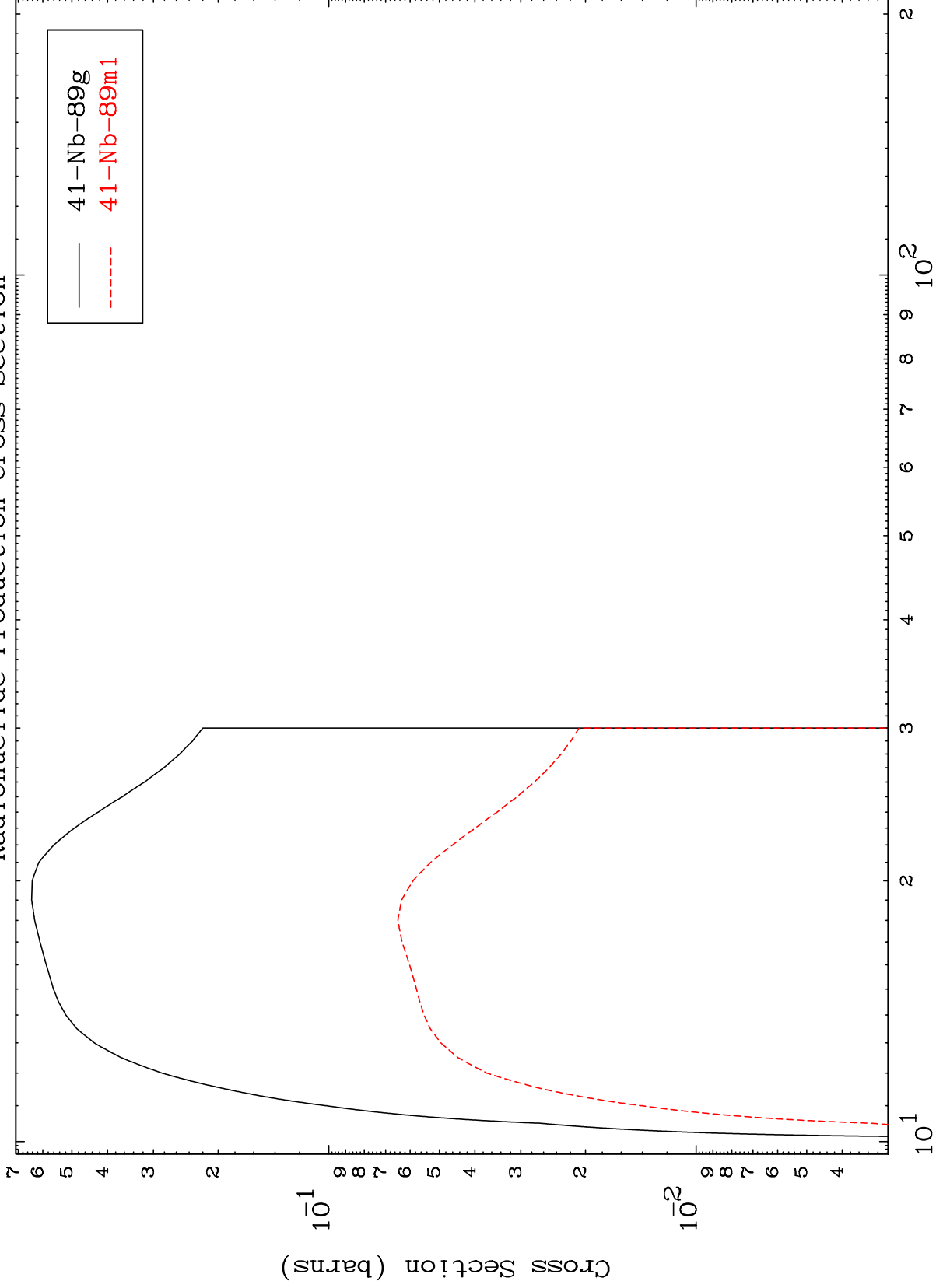
41-Nb-90m

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(n,2n)

41-Nb-90m

Radionuclide Production Cross Section



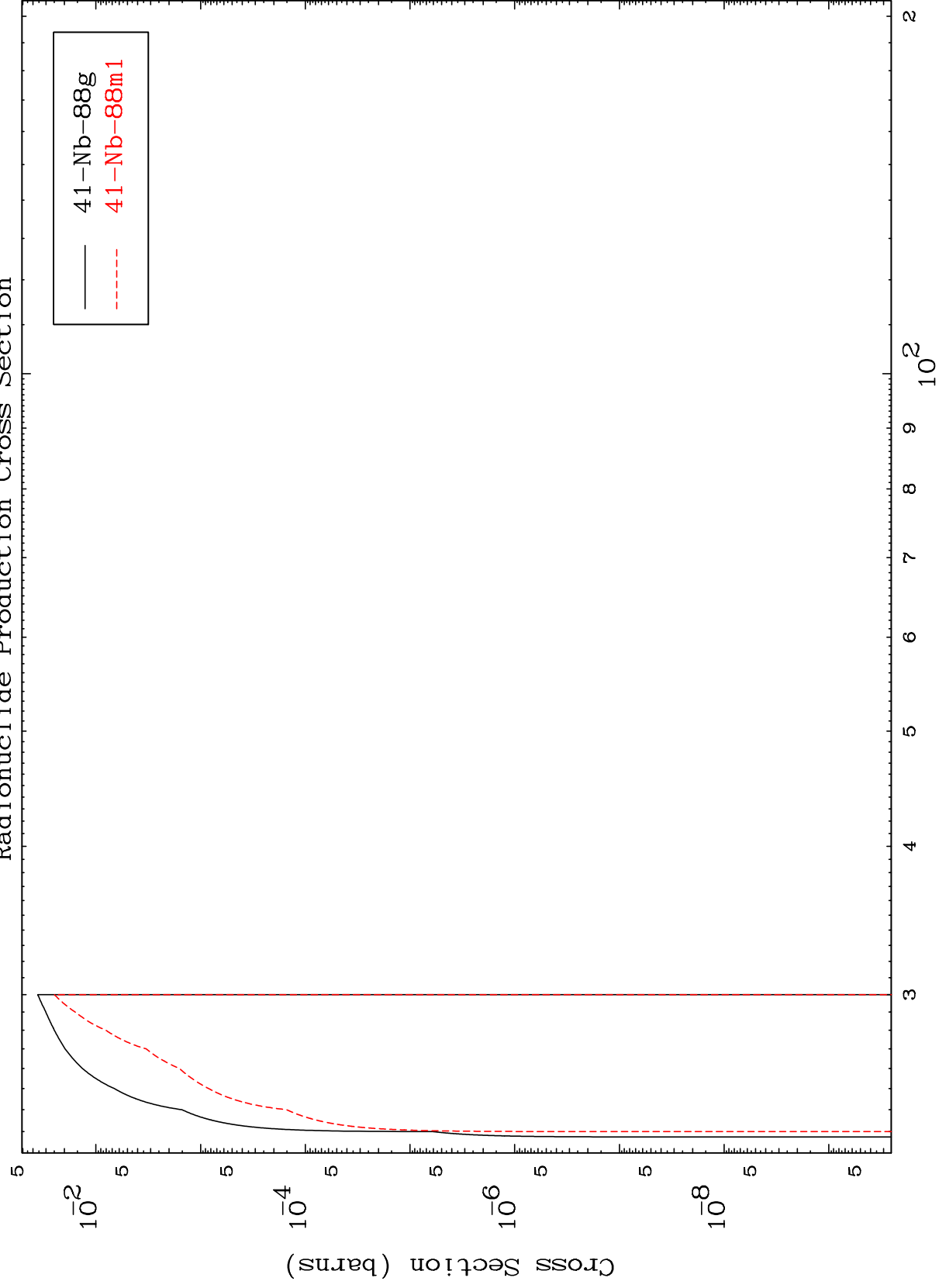
Incident Energy (MeV)

41-Nb-90m

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41-Nb-90m

(n,3n)
Radionuclide Production Cross Section



41-Nb-90m

Incident Energy (MeV)

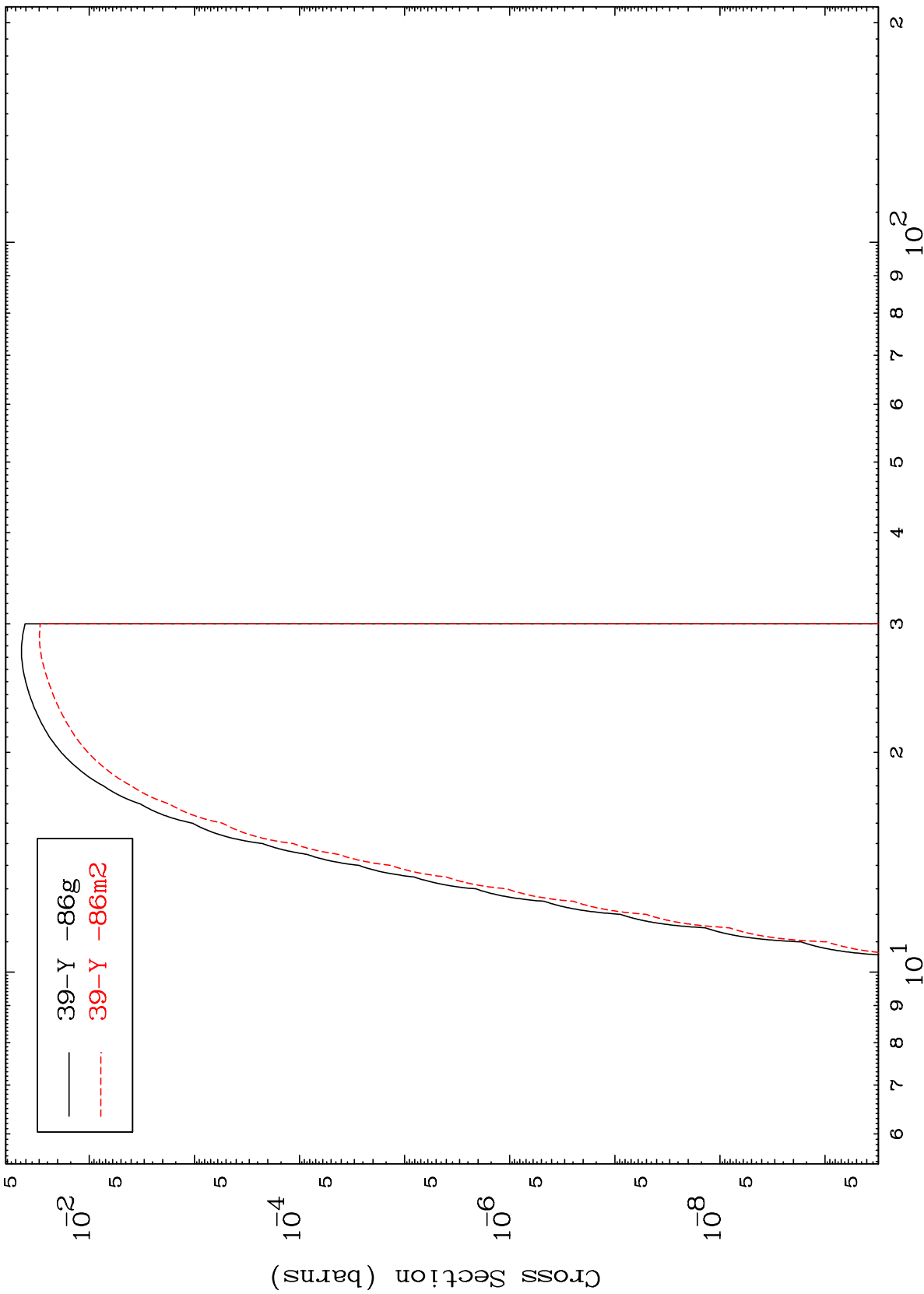
22

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$(n, n') \alpha$

41-Nb-90m

Radionuclide Production Cross Section



23

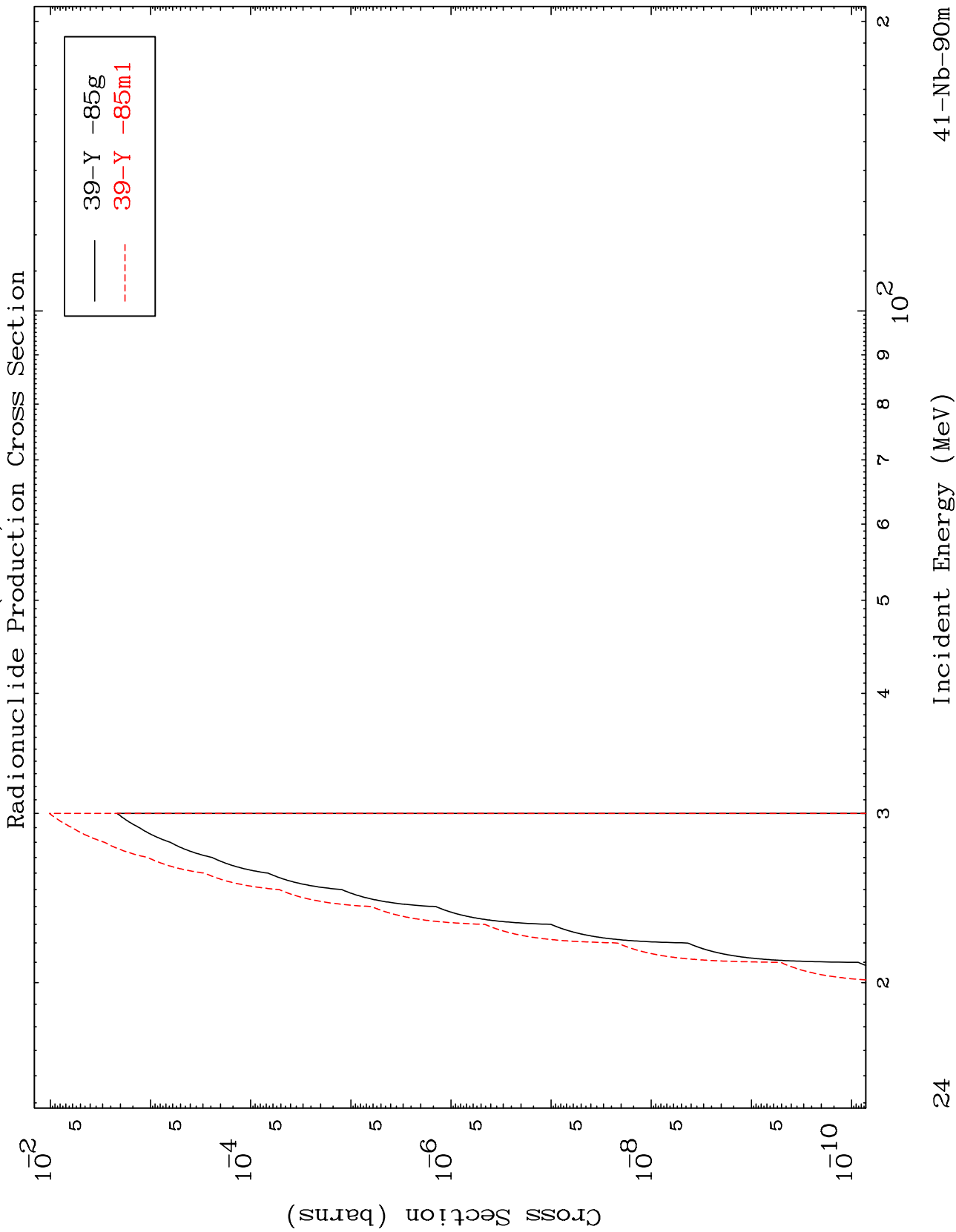
Incident Energy (MeV)

41-Nb-90m

MAT 4117

(n,2n) α

41-Nb-90m



24

Incident Energy (MeV)

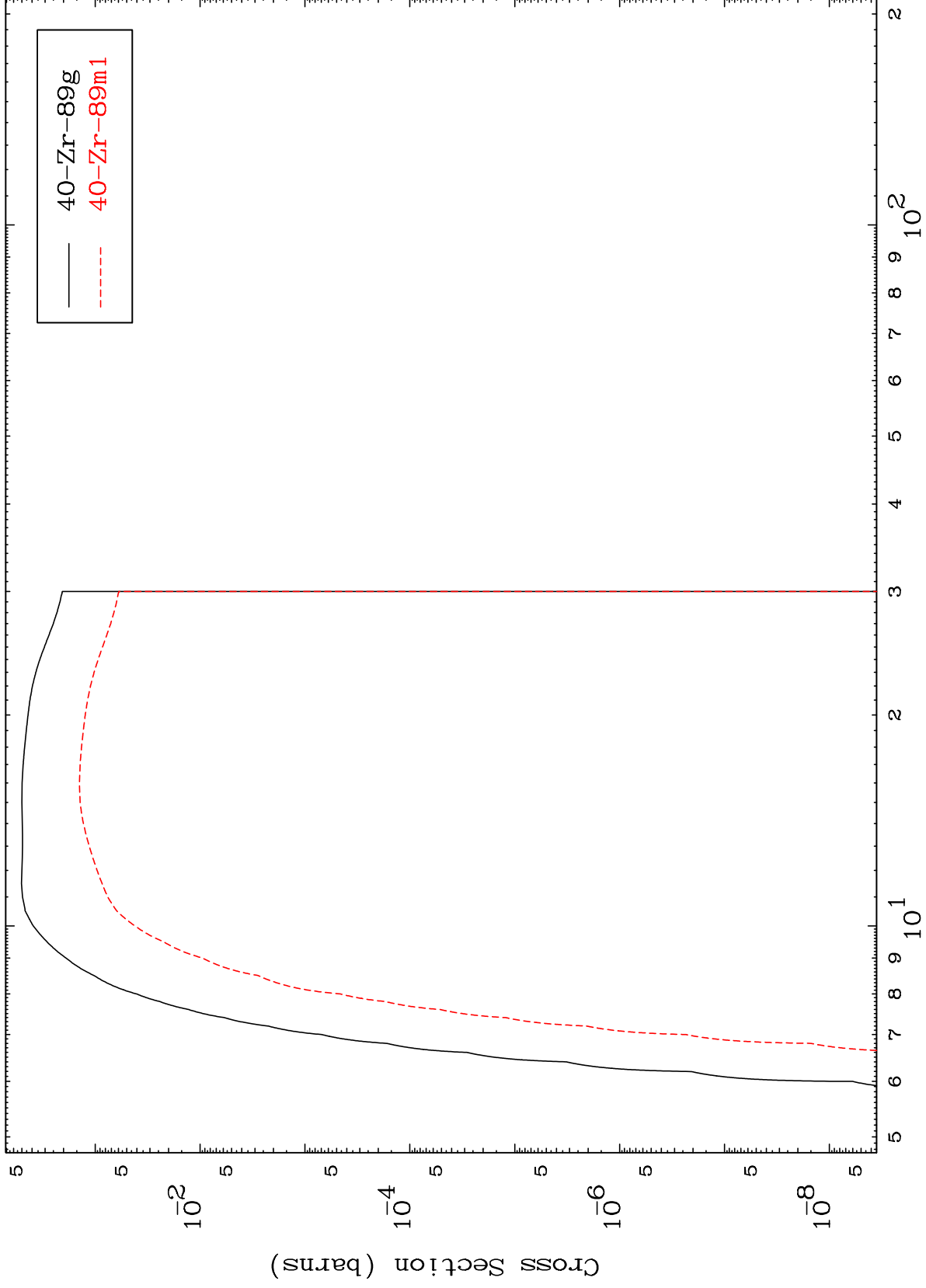
41-Nb-90m

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(n,n') p

41-Nb-90m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

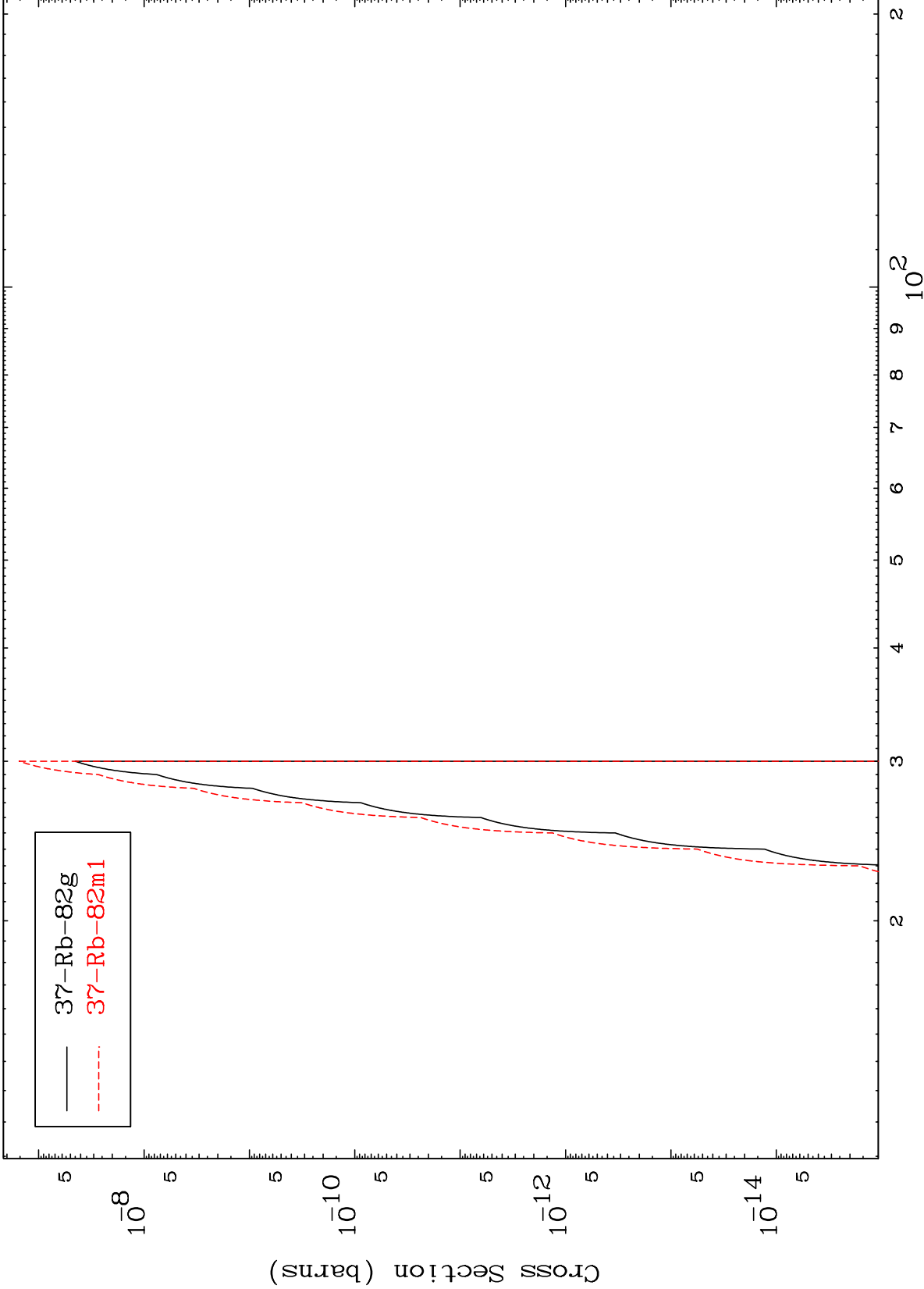
41-Nb-90m

MAT 4117

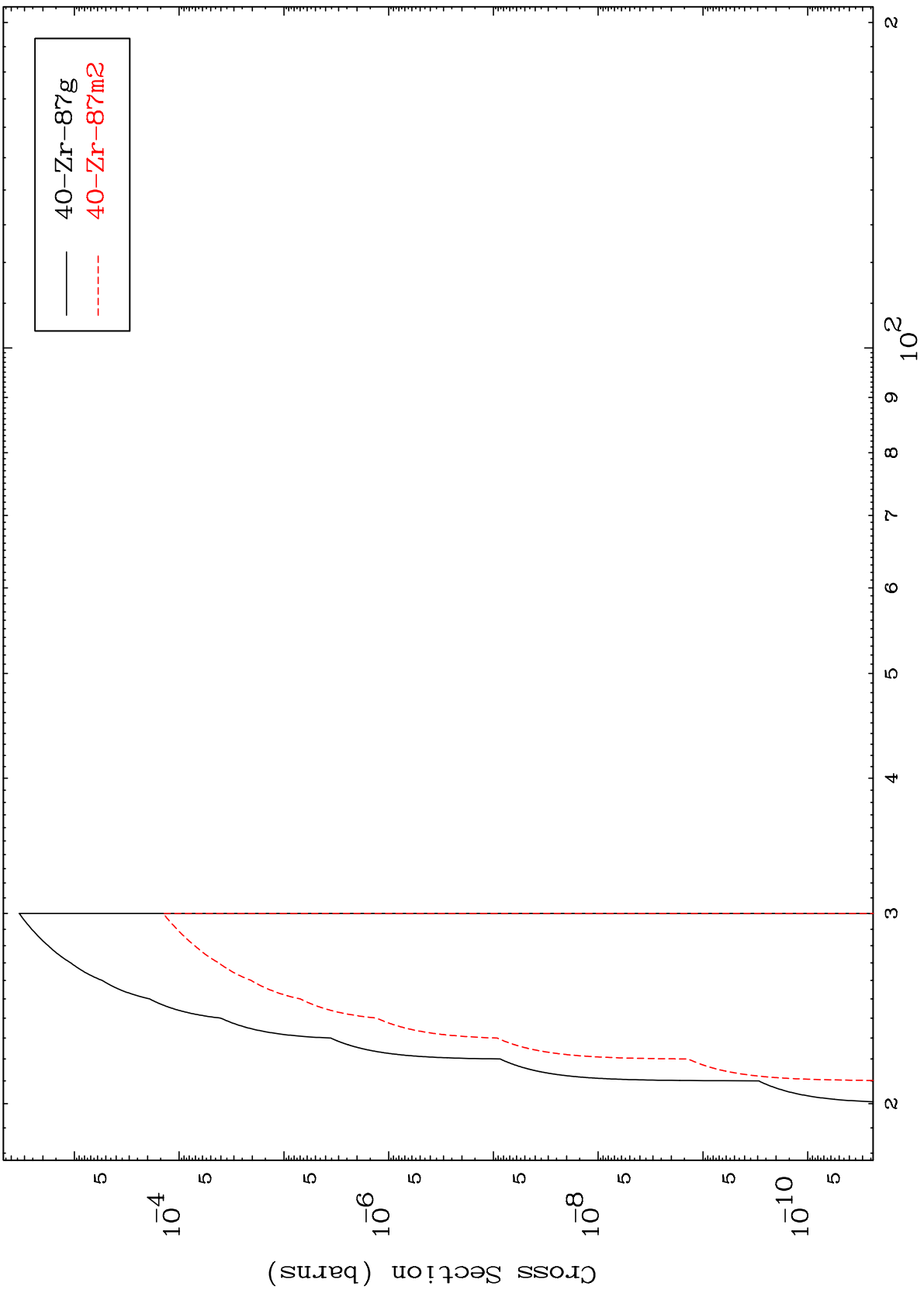
(n,n') 2α

41-Nb-90m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

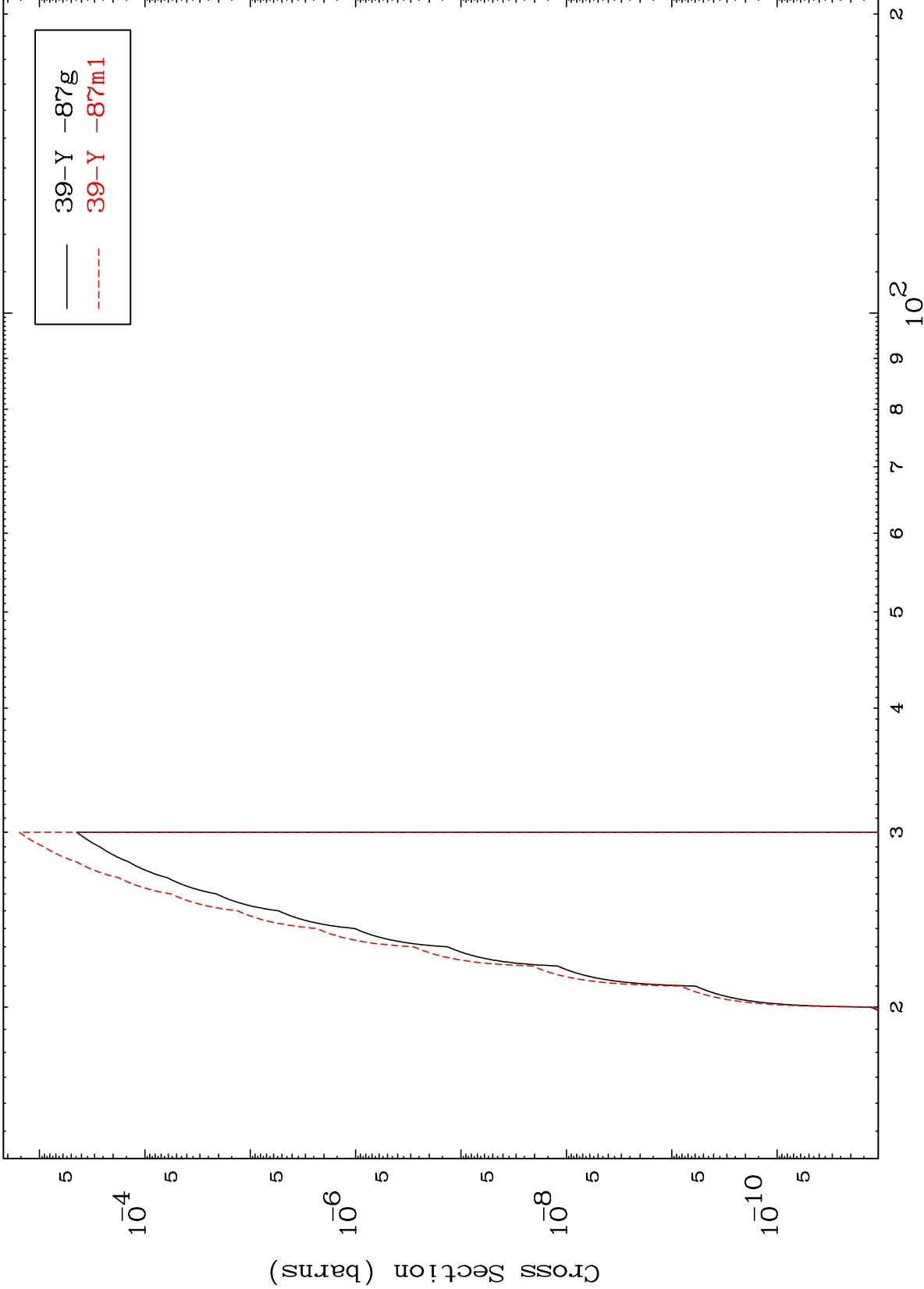


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(n,n') He-3

41-Nb-90m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

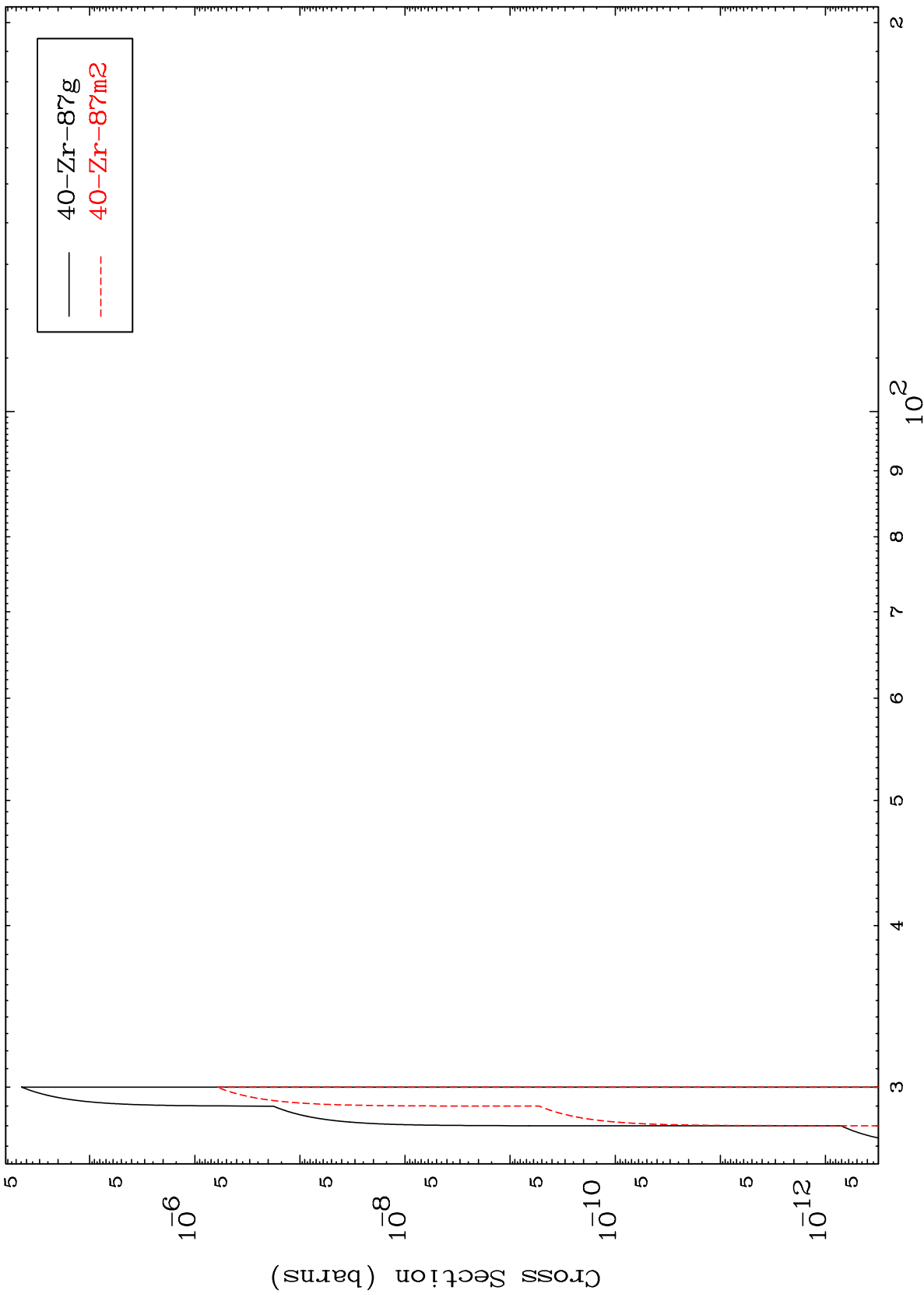
41-Nb-90m

MAT 4117

(n,3n) p

41-Nb-90m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

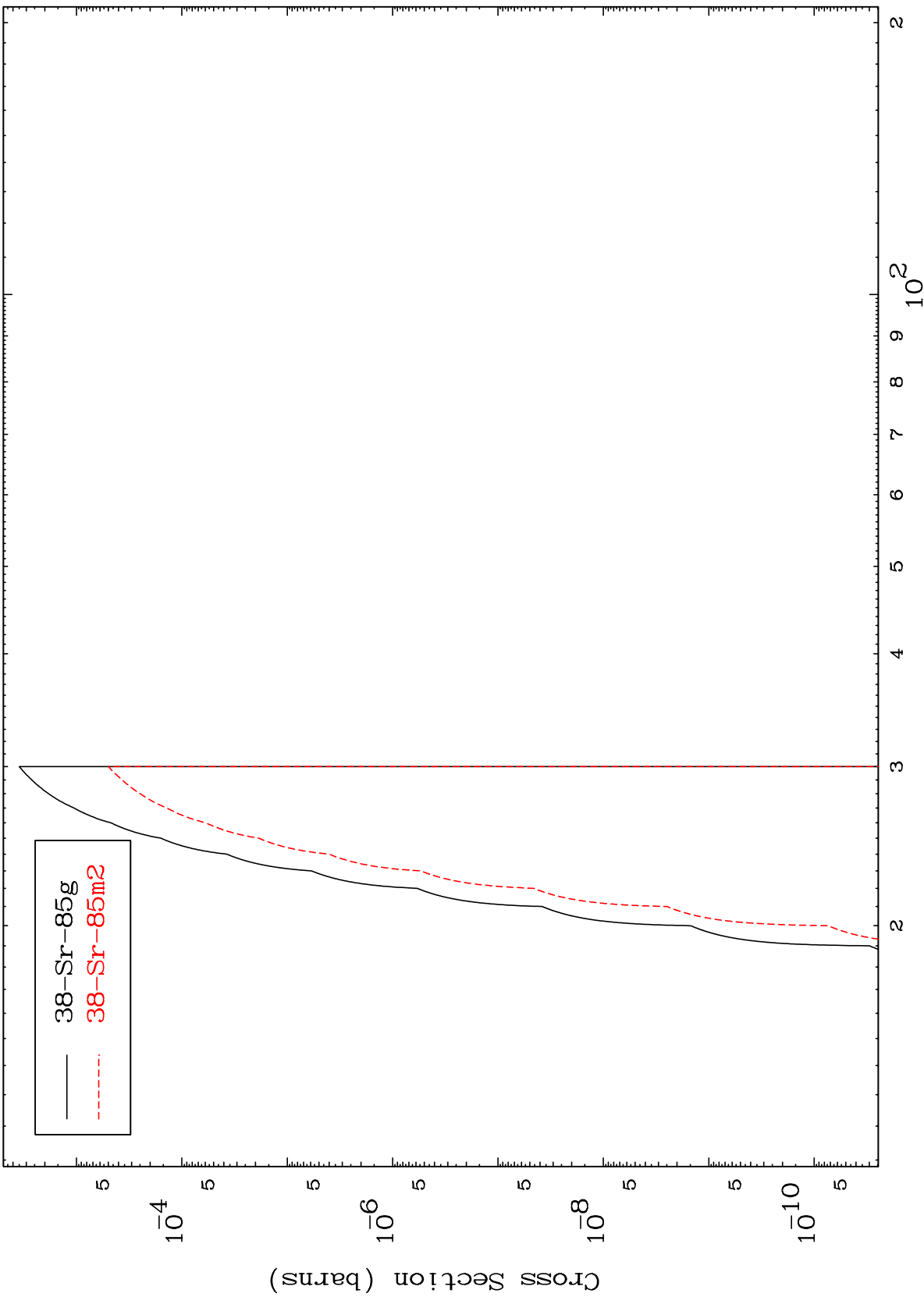
41-Nb-90m

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(n,n') p α

41-Nb-90m

Radionuclide Production Cross Section



Incident Energy (MeV)

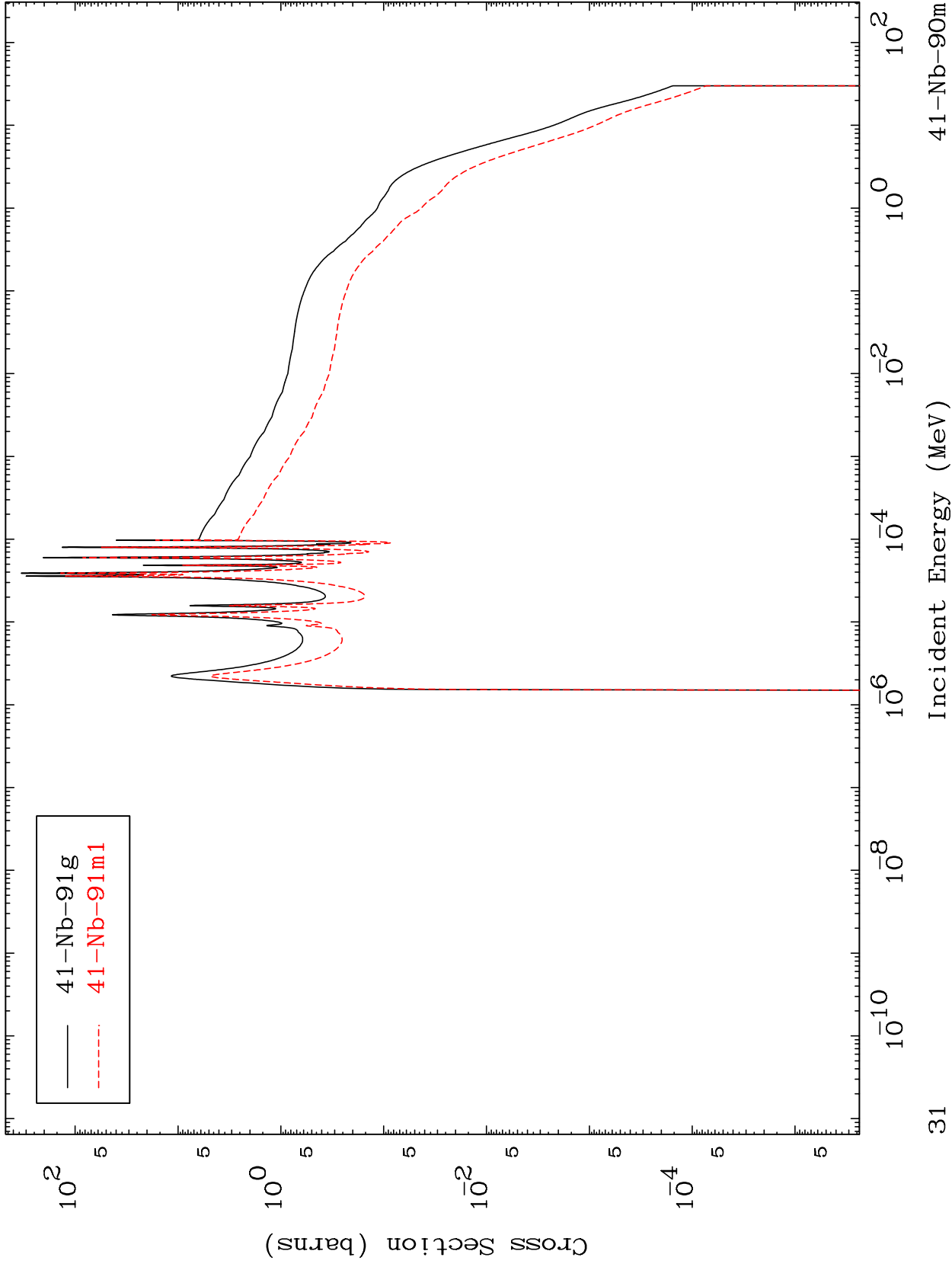
41-Nb-90m

30

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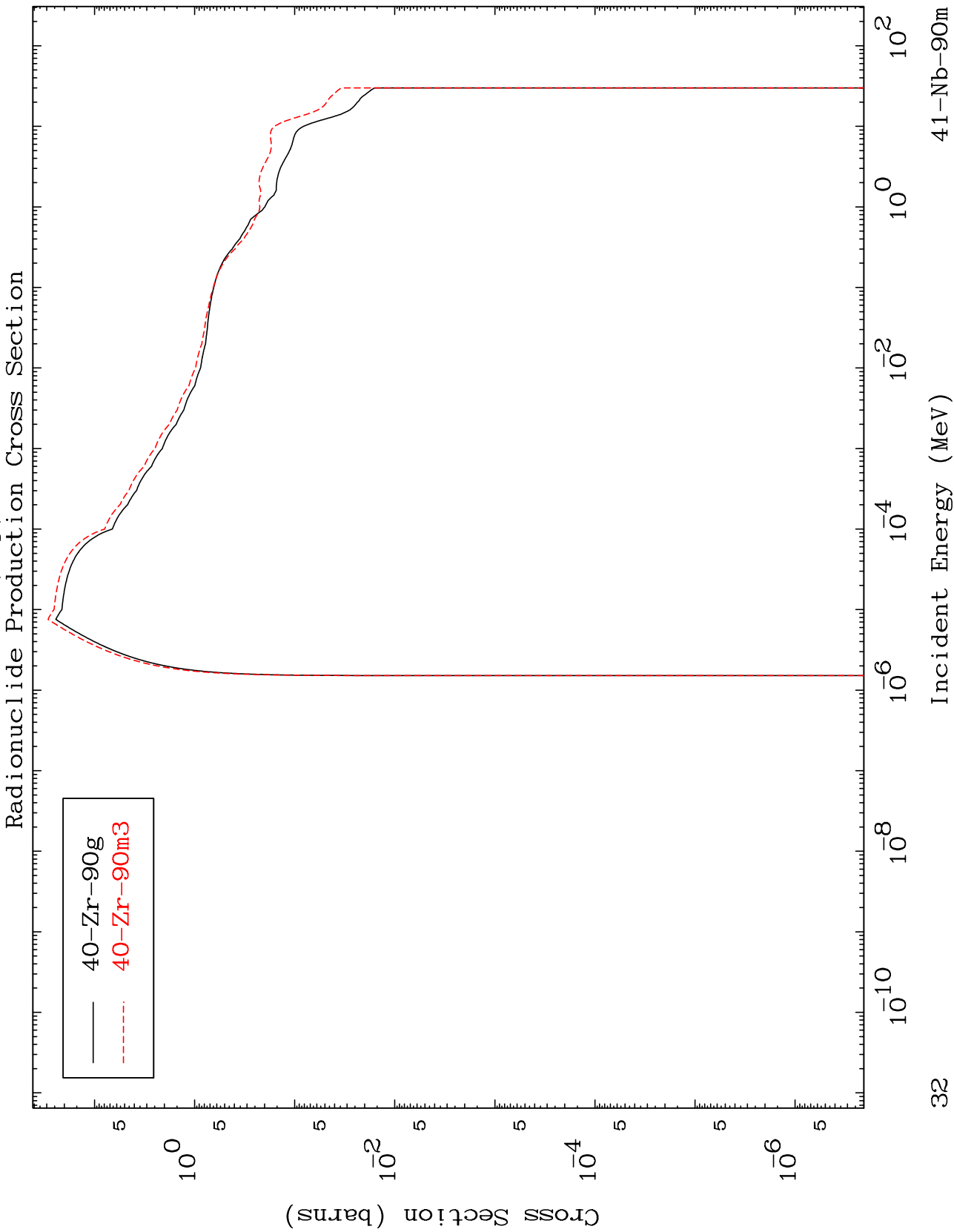
41-Nb-90m

(n, γ)
Radionuclide Production Cross Section



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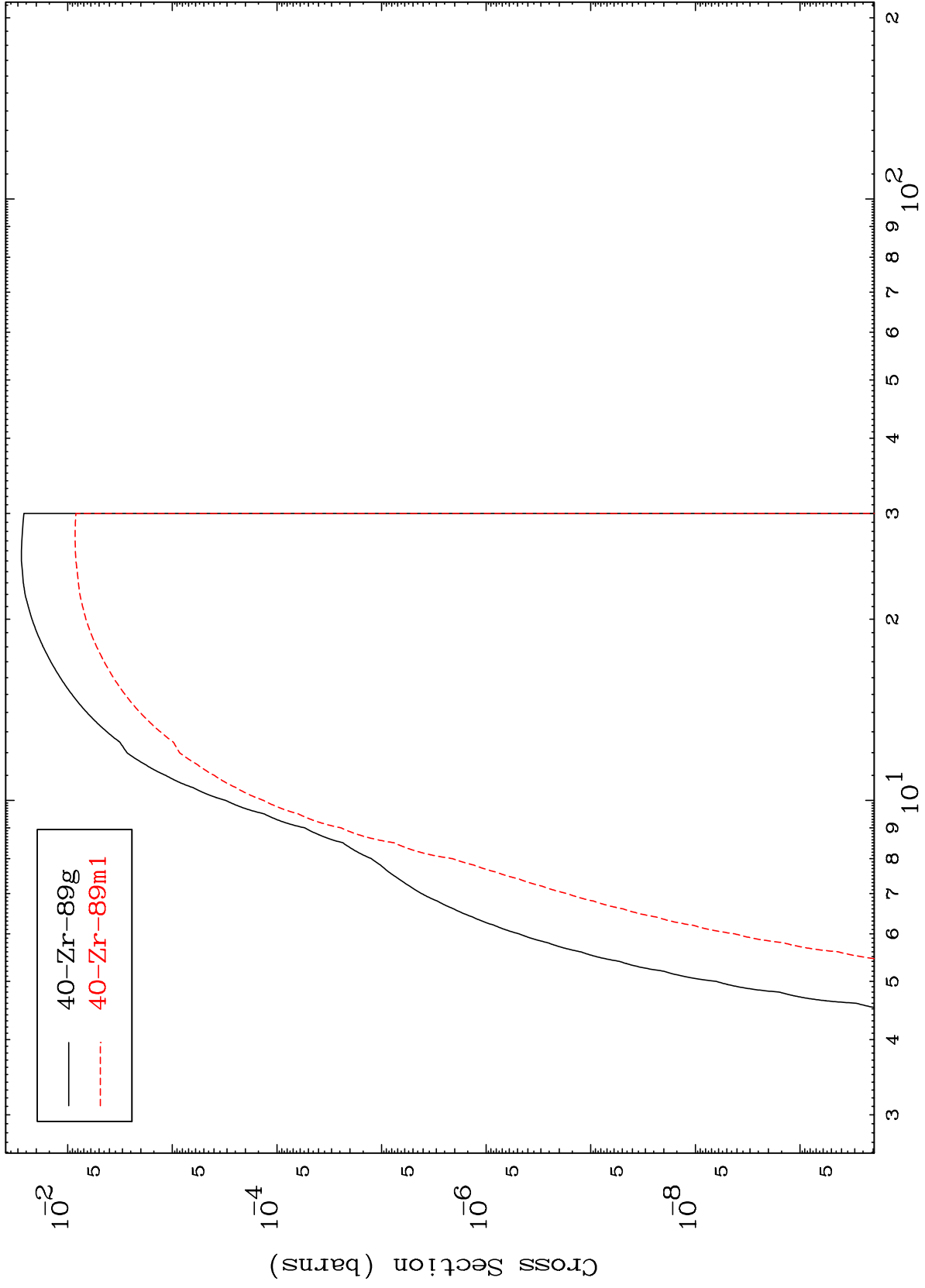
41-Nb-90m



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41-Nb-90m

(n,d)
Radionuclide Production Cross Section



33

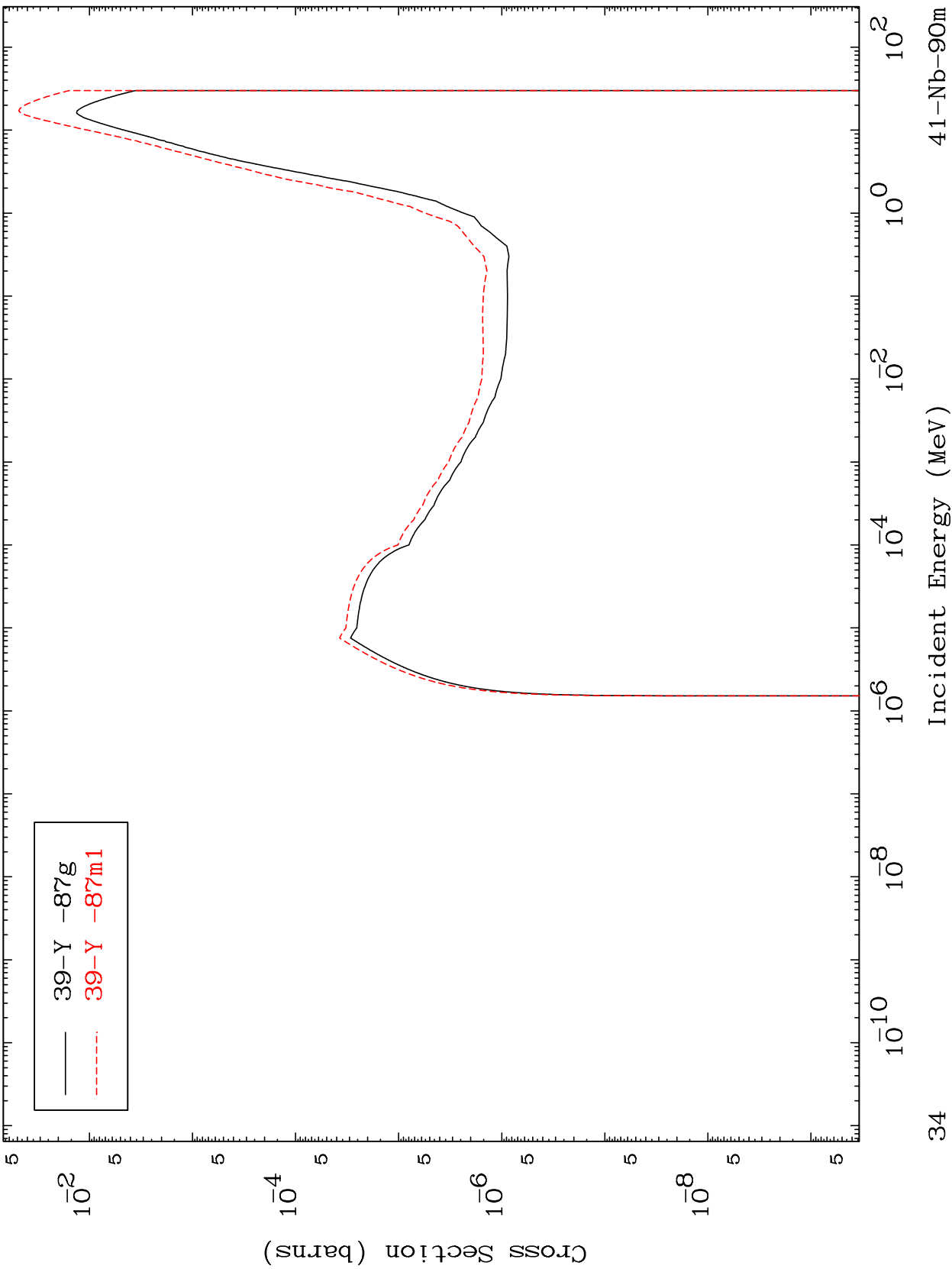
Incident Energy (MeV)

41-Nb-90m

MAT 4117

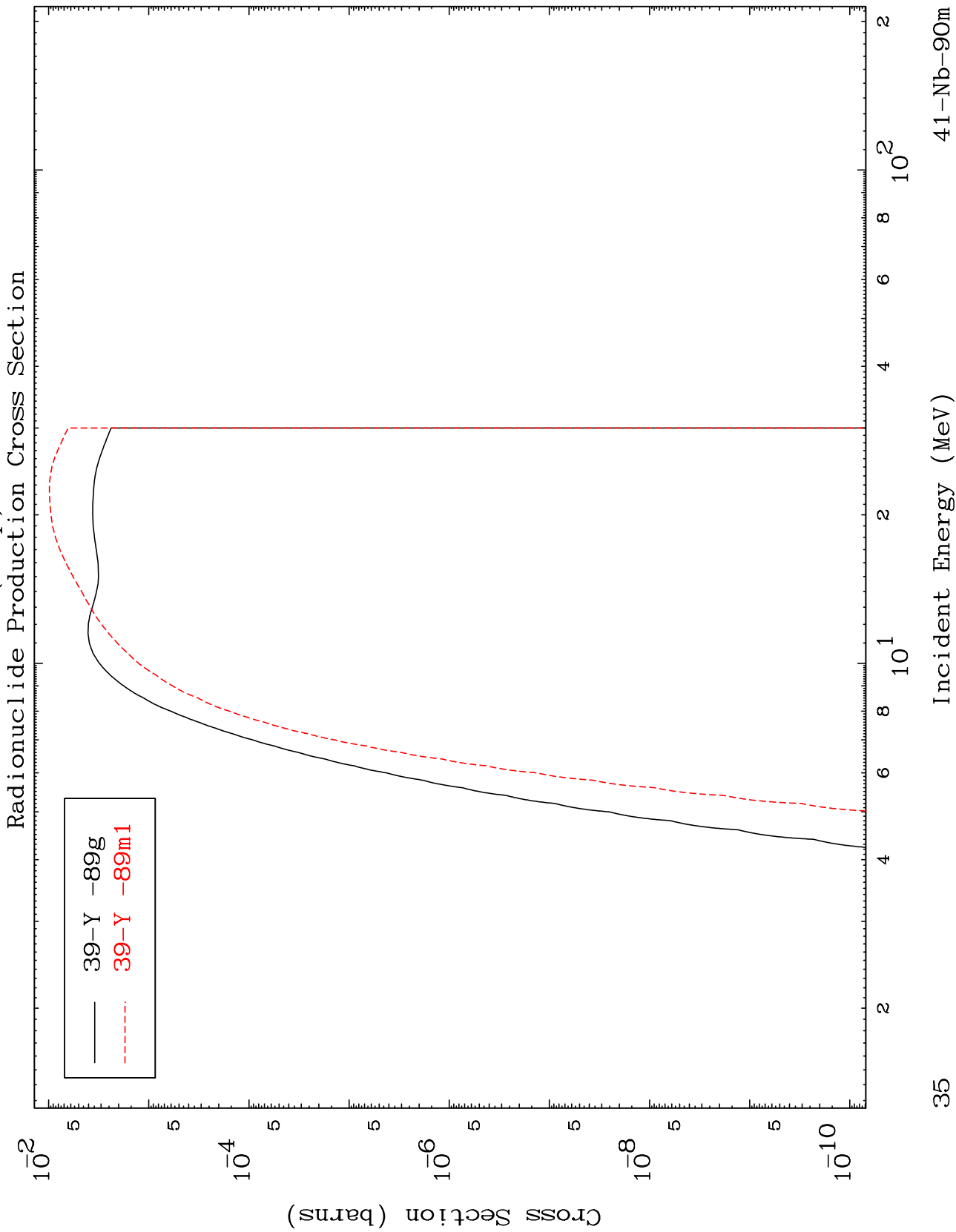
41-Nb-90m

Radionuclide Production Cross Section



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41-Nb-90m

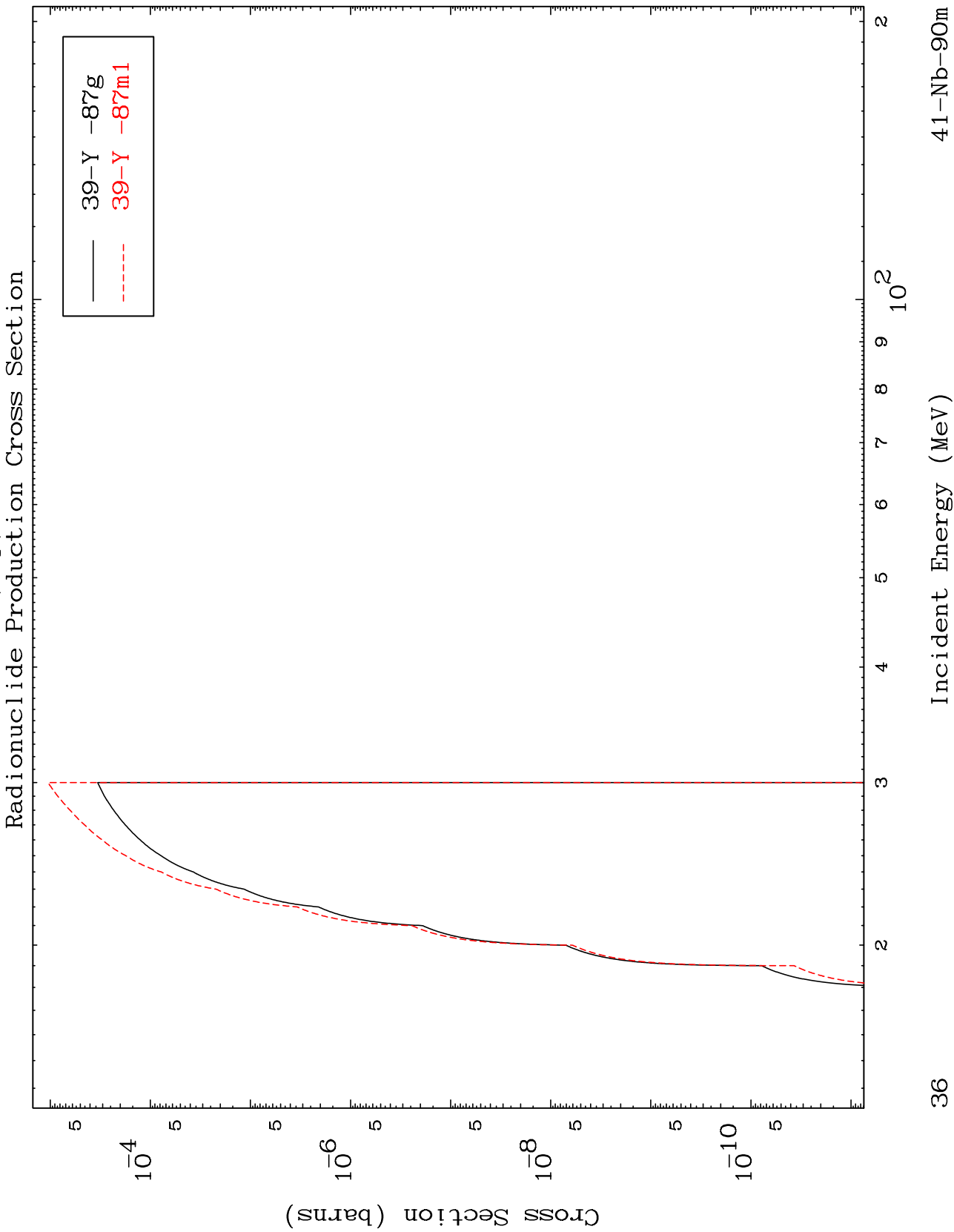


35

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(n,p) t

41-Nb-90m



36

Incident Energy (MeV)

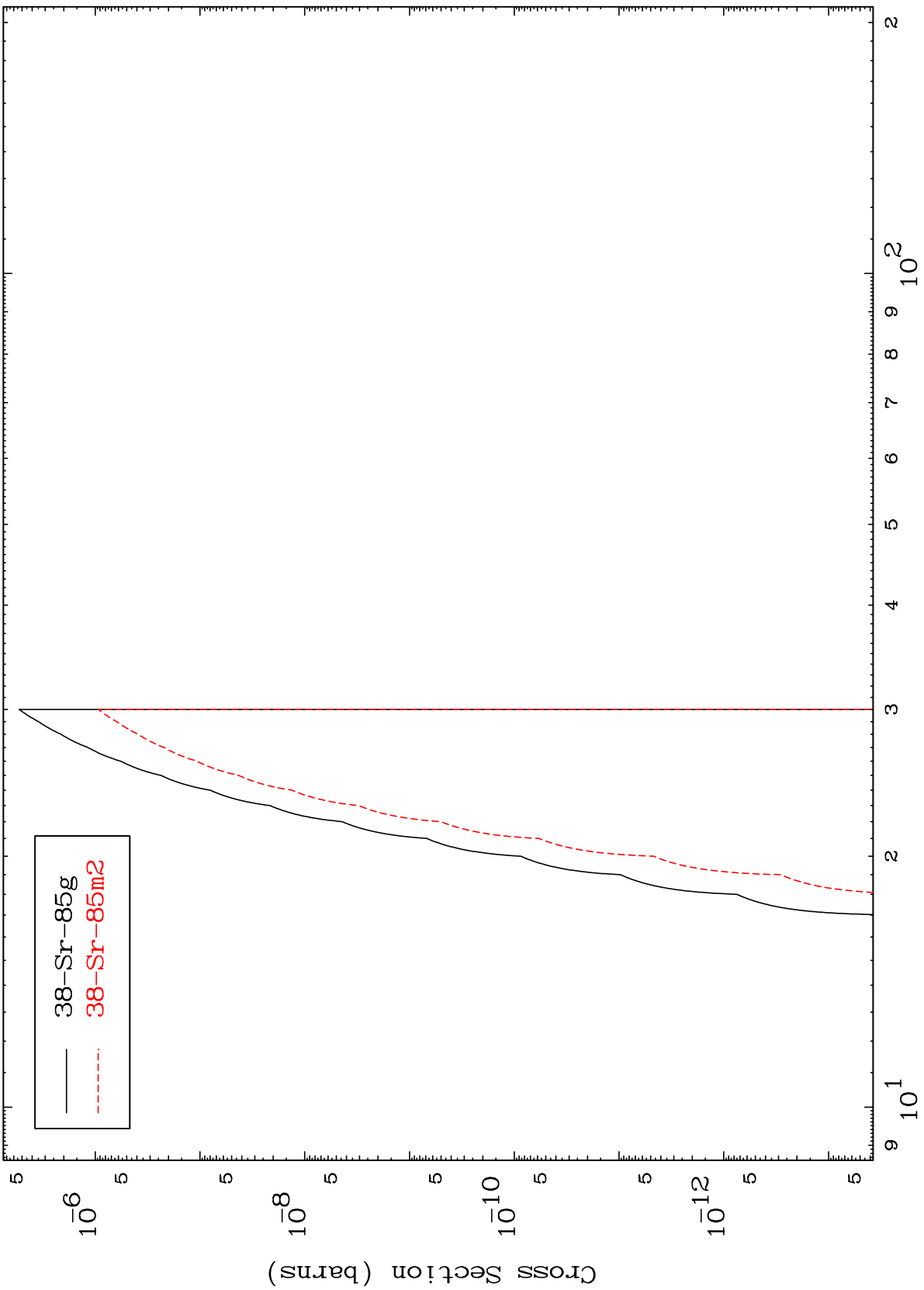
41-Nb-90m

MAT 4117

(n,d) α

41-Nb-90m

Radionuclide Production Cross Section



37

Incident Energy (MeV)

41-Nb-90m