

Program EVALPLOT
(Version 2015-2)

by

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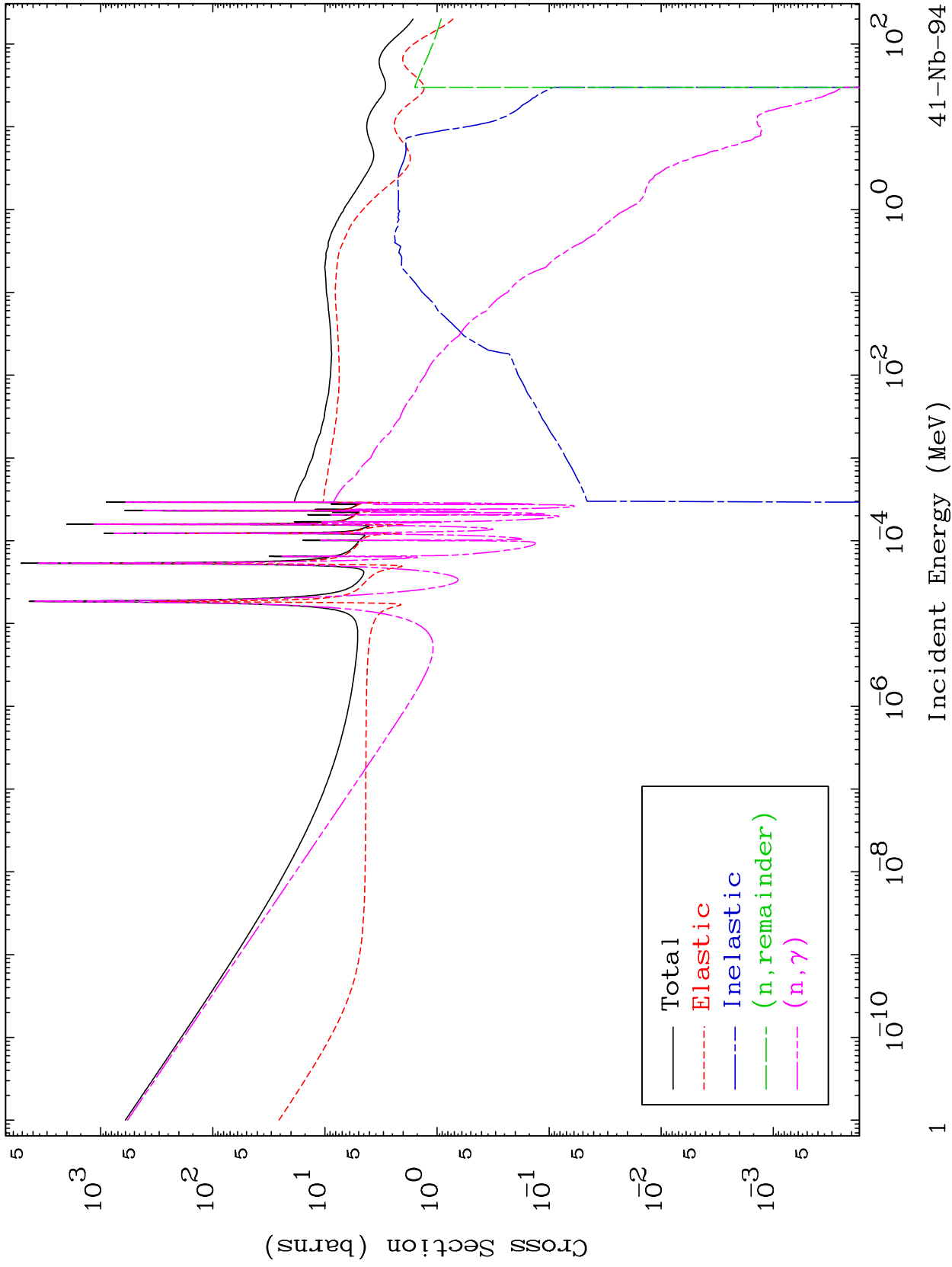
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

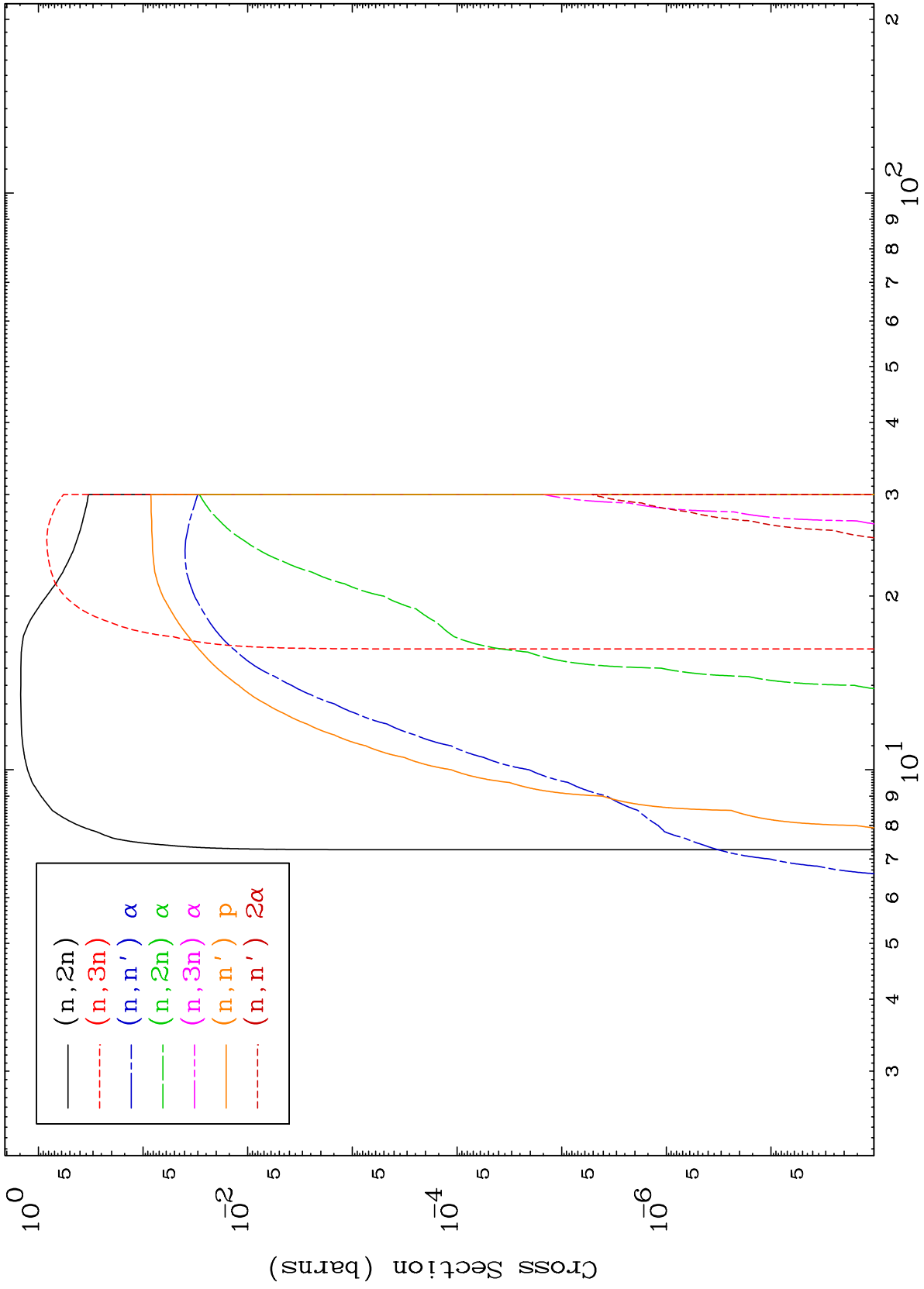
MAT 4129

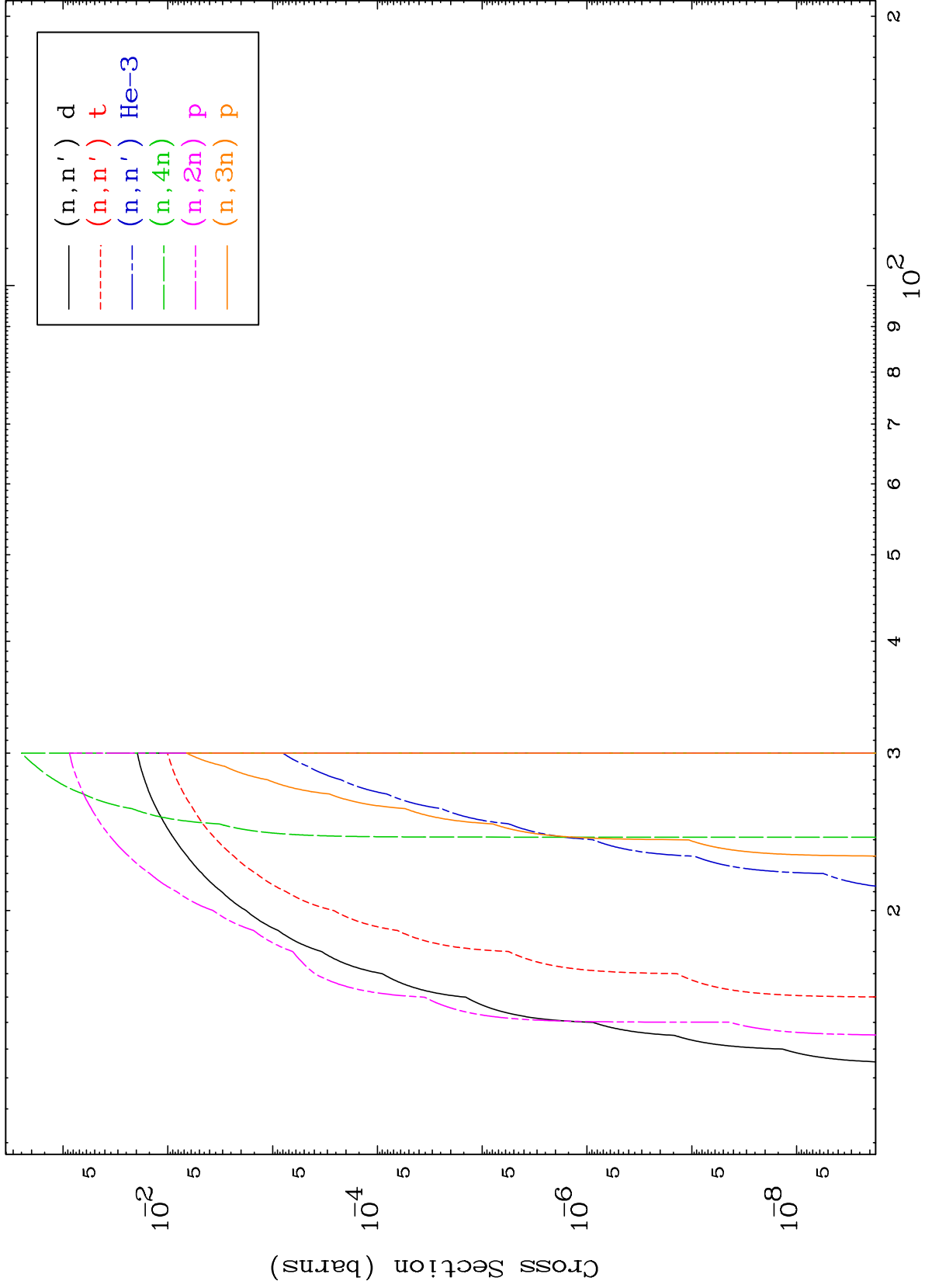
Major
293 Kelvin Cross Sections

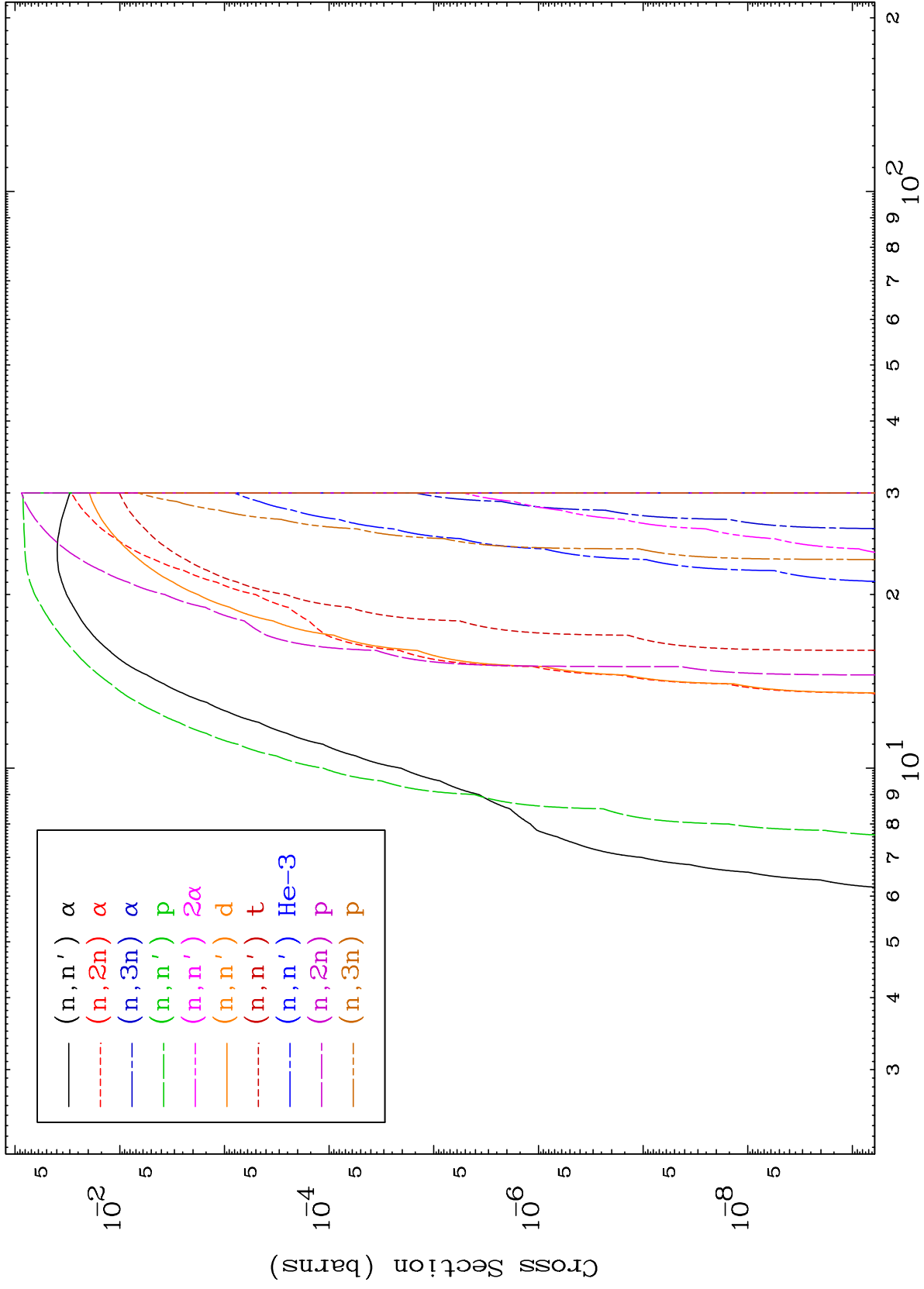
41-Nb-94



Neutron Production
293 Kelvin Cross Sections



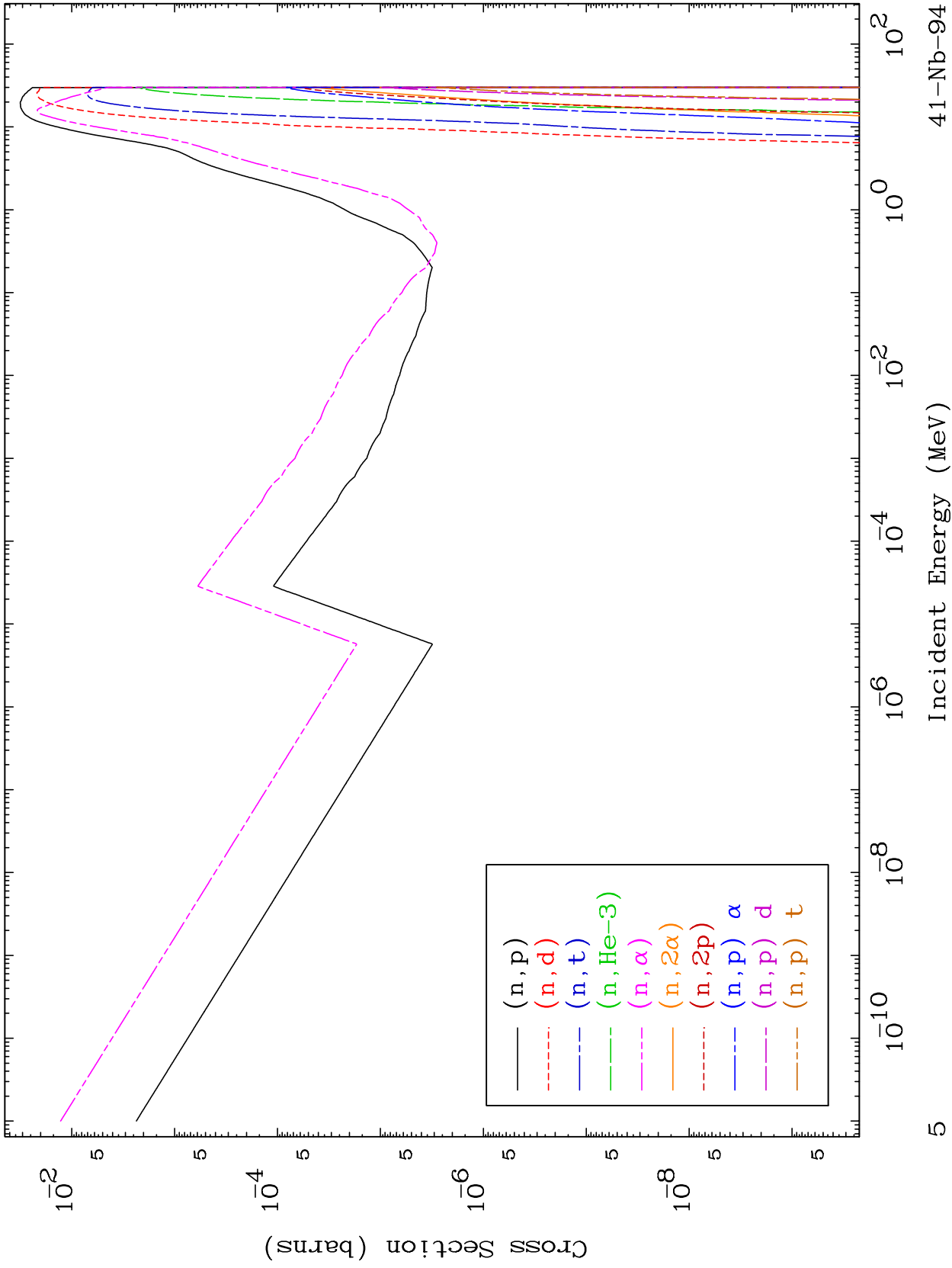


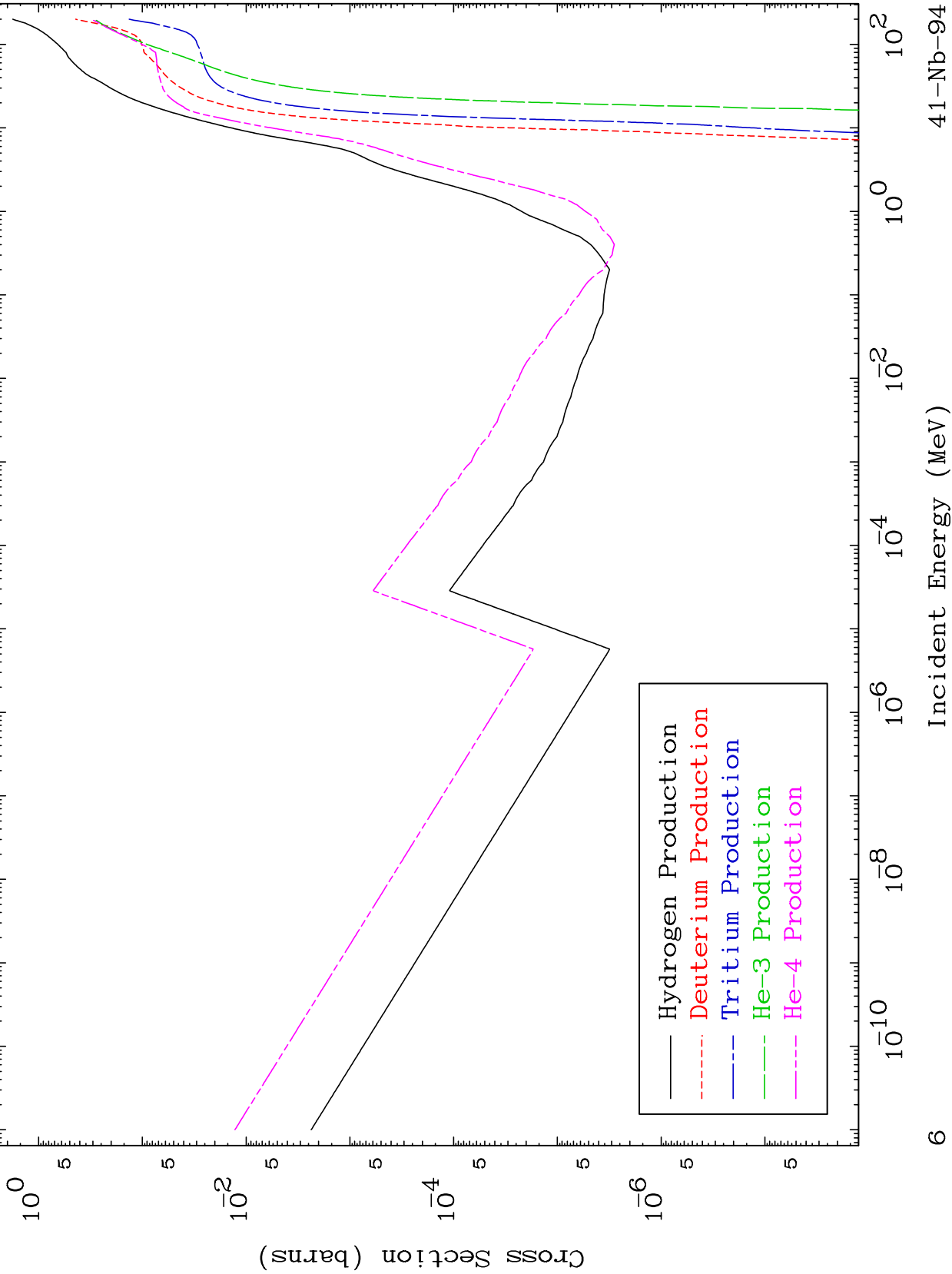


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Charged Particle
293 Kelvin Cross Sections

41-Nb-94

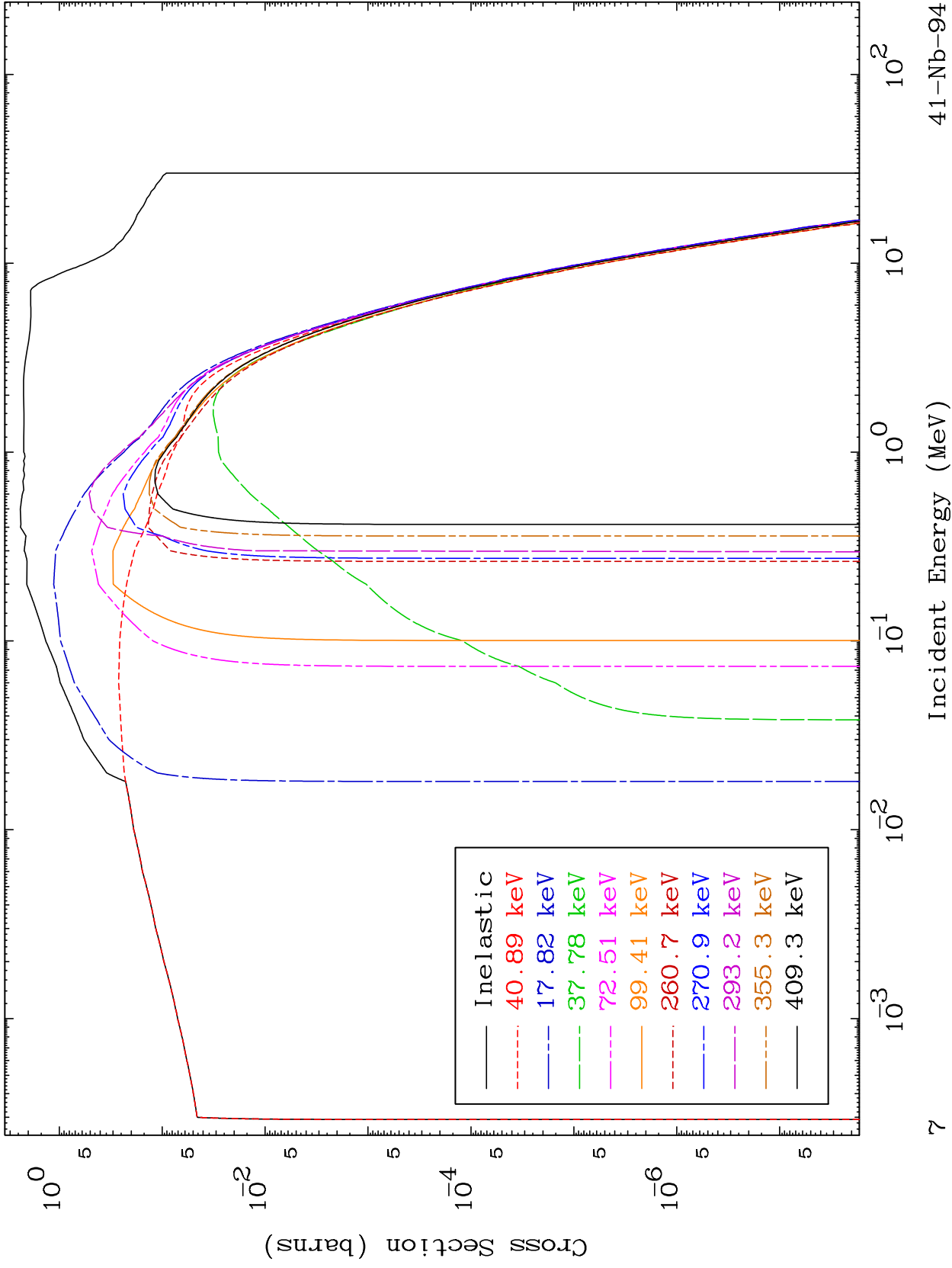




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(n,n') Level
293 Kelvin Cross Sections

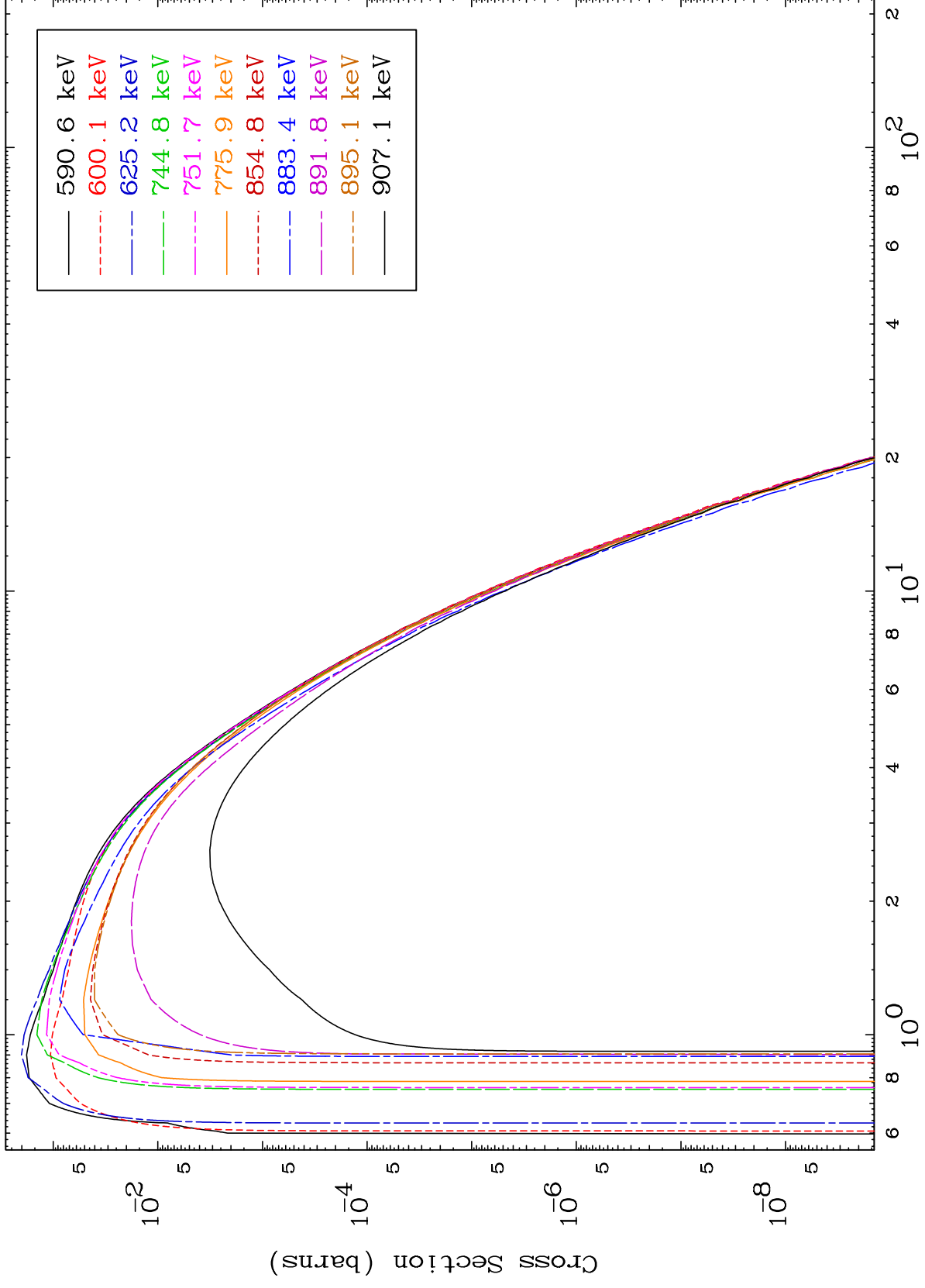
41-Nb-94



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(n,n') Level
293 Kelvin Cross Sections

41-Nb-94



8

Incident Energy (MeV)

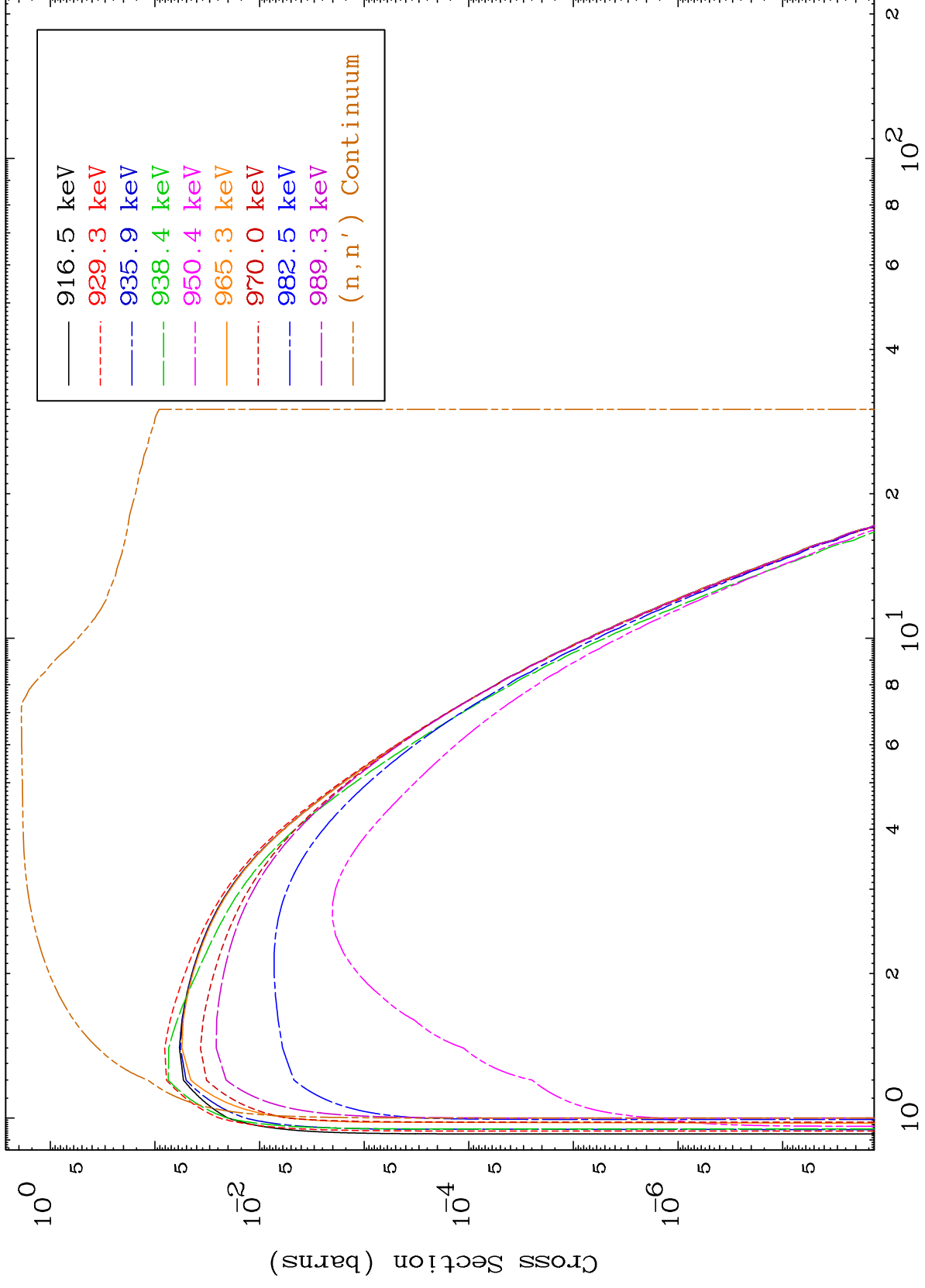
41-Nb-94

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(n,n') Level

41-Nb-94

293 Kelvin Cross Sections



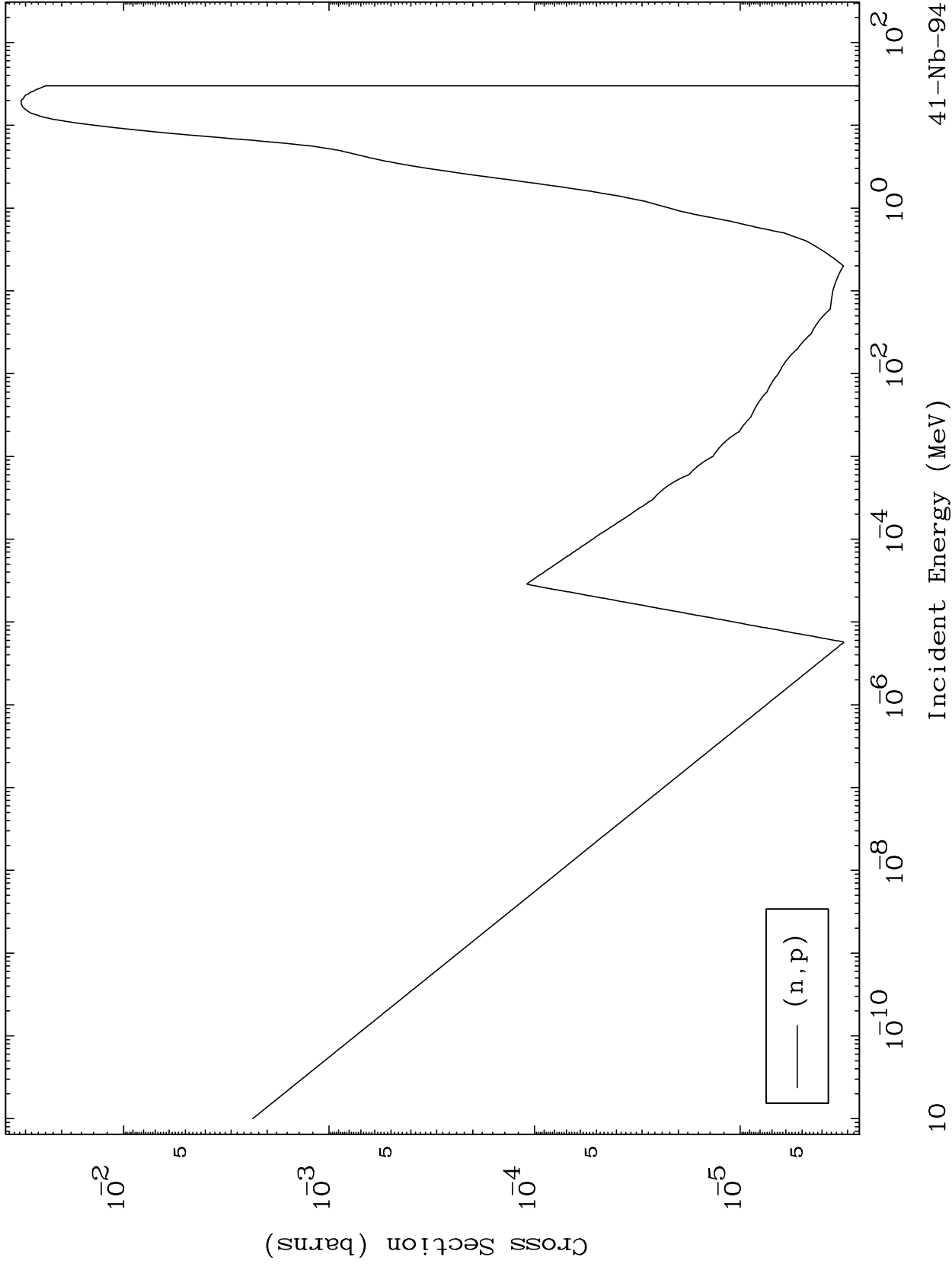
Incident Energy (MeV)

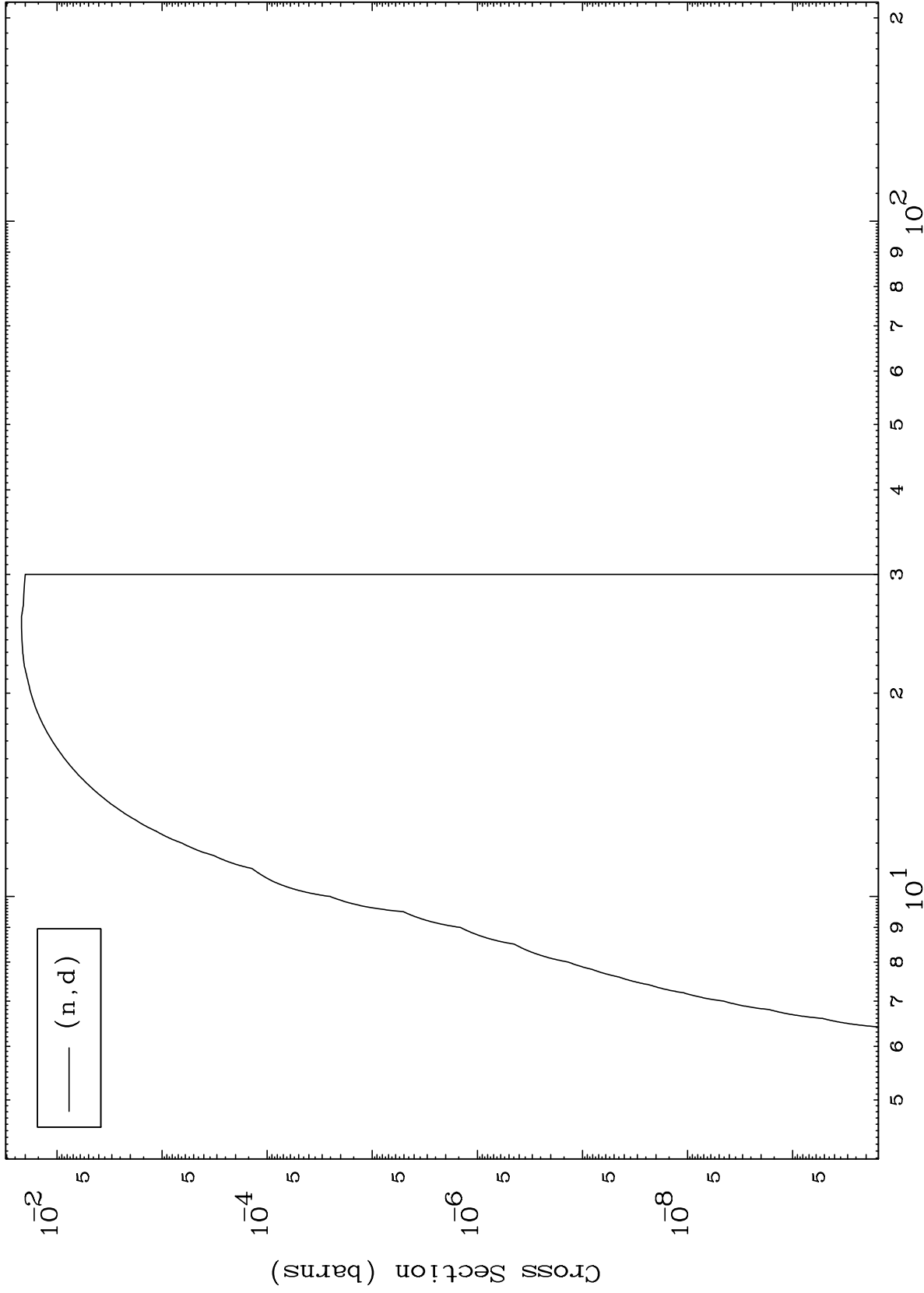
41-Nb-94

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(n,p) Levels
293 Kelvin Cross Sections

41-Nb-94

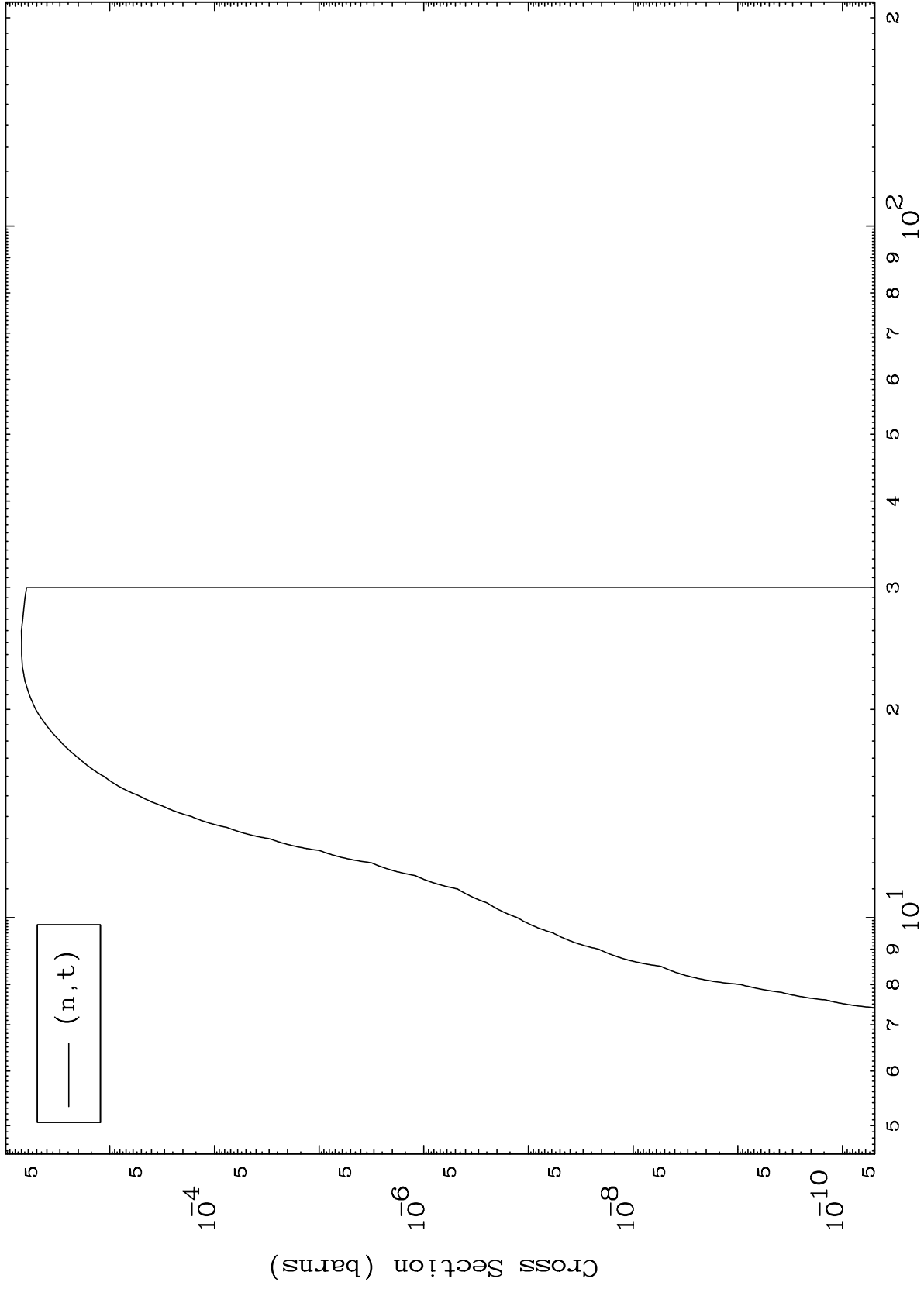




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(n,t) Levels
293 Kelvin Cross Sections

41-Nb-94



12

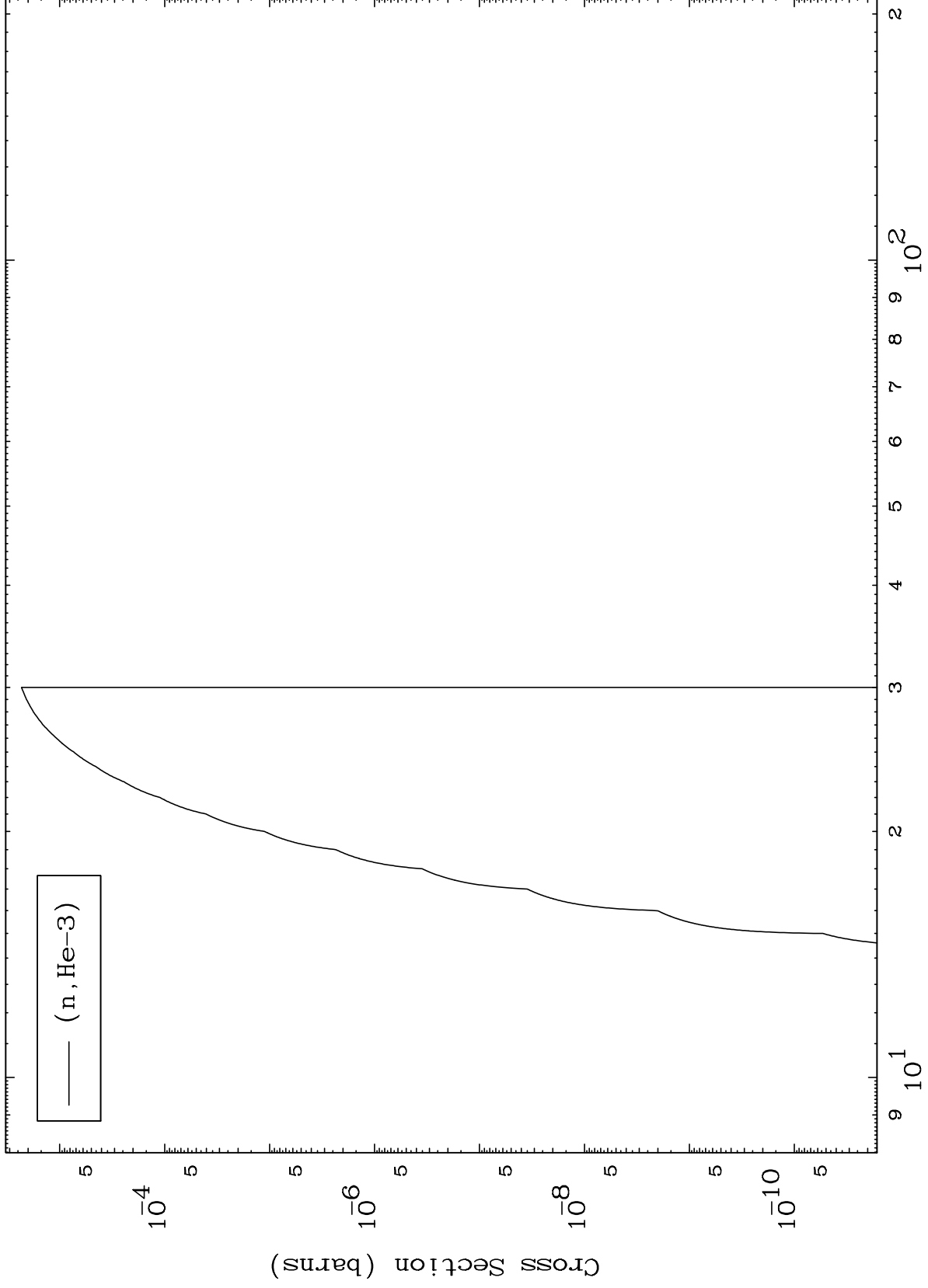
Incident Energy (MeV)

41-Nb-94

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(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-94



13

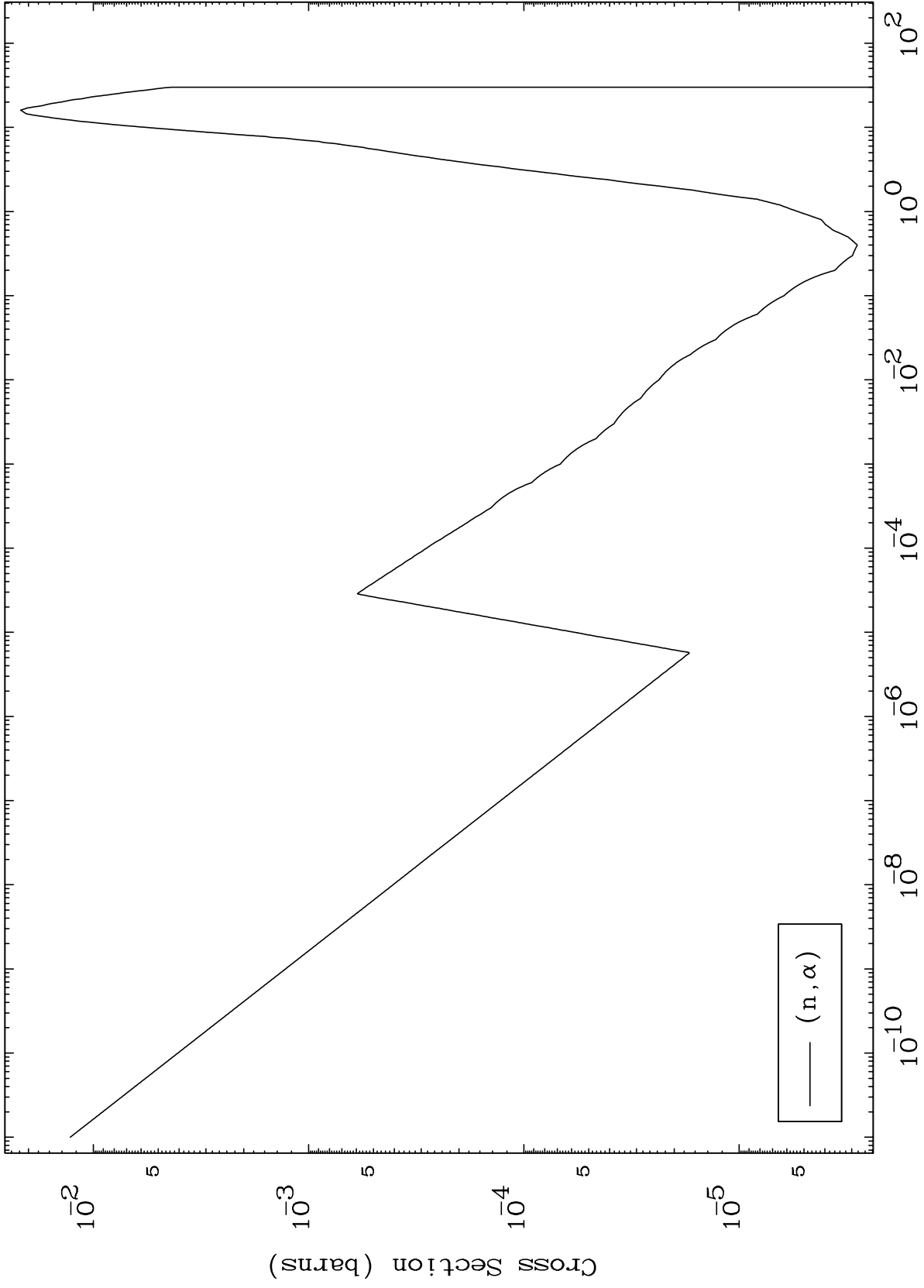
Incident Energy (MeV)

41-Nb-94

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(n, α) Levels
293 Kelvin Cross Sections

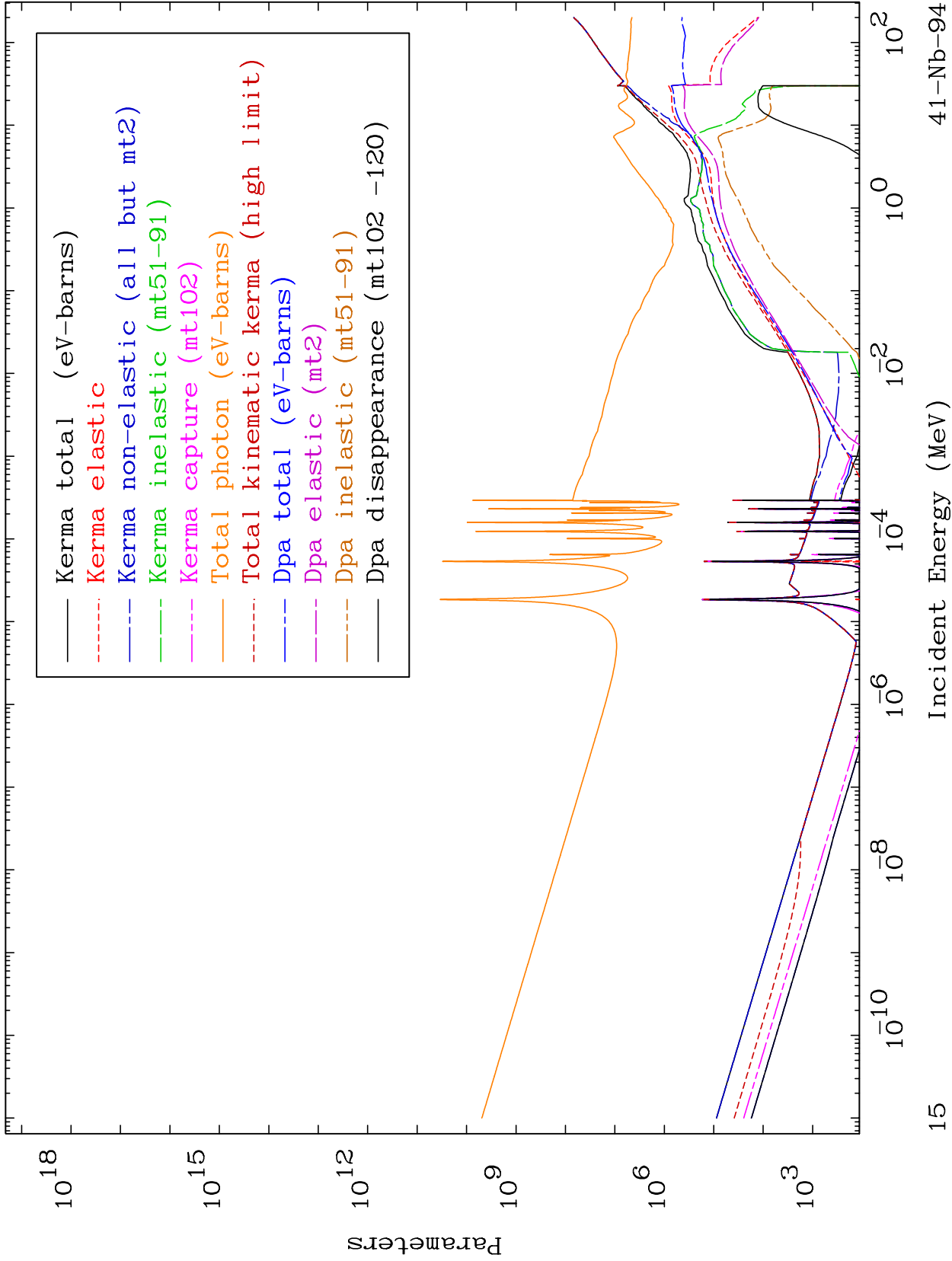
41-Nb-94



14

Incident Energy (MeV)

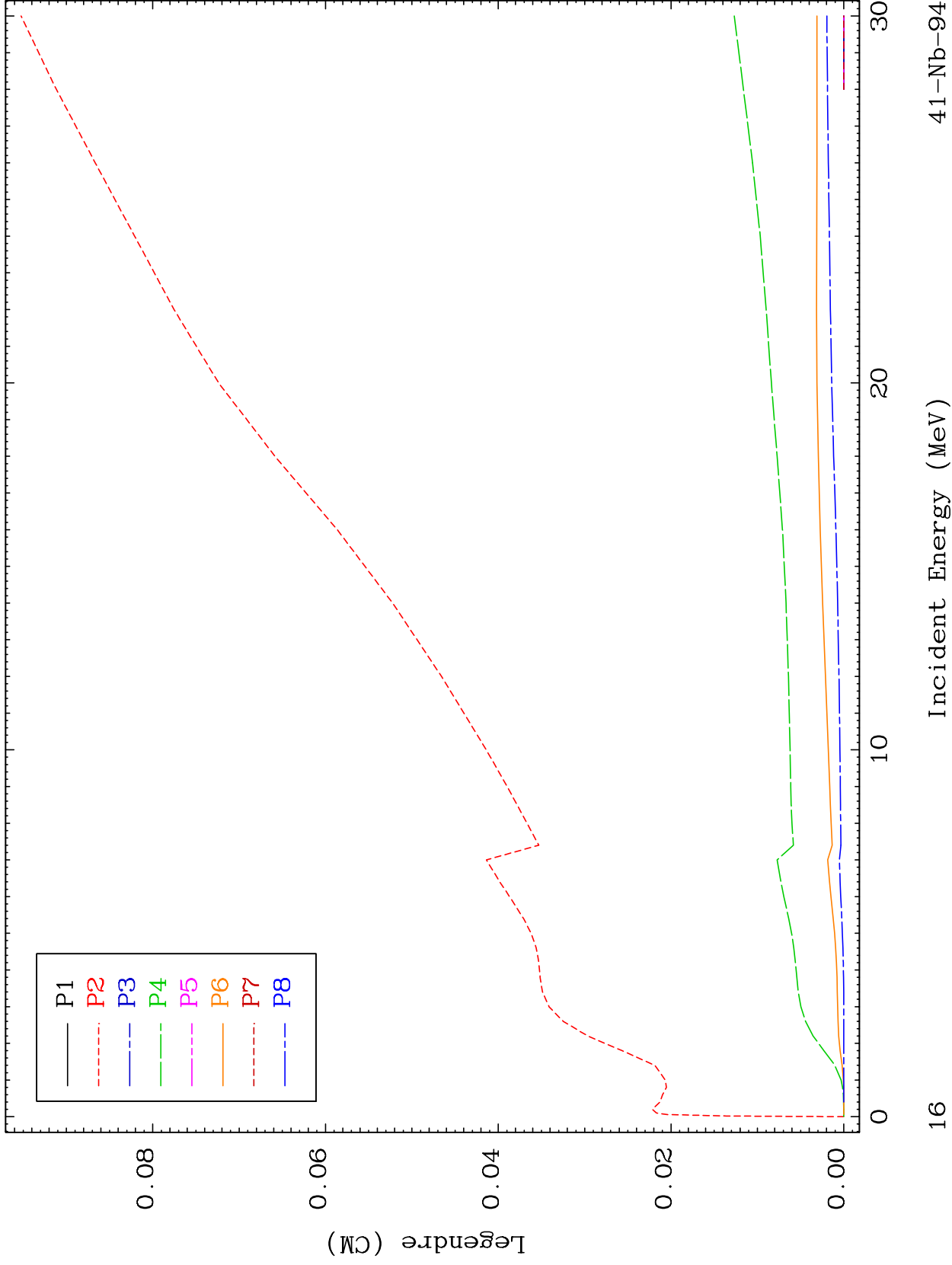
41-Nb-94



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Elastic Legendre Coefficients

41-Nb-94



41-Nb-94

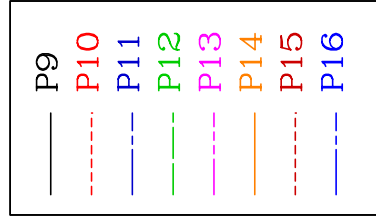
Incident Energy (MeV)

16

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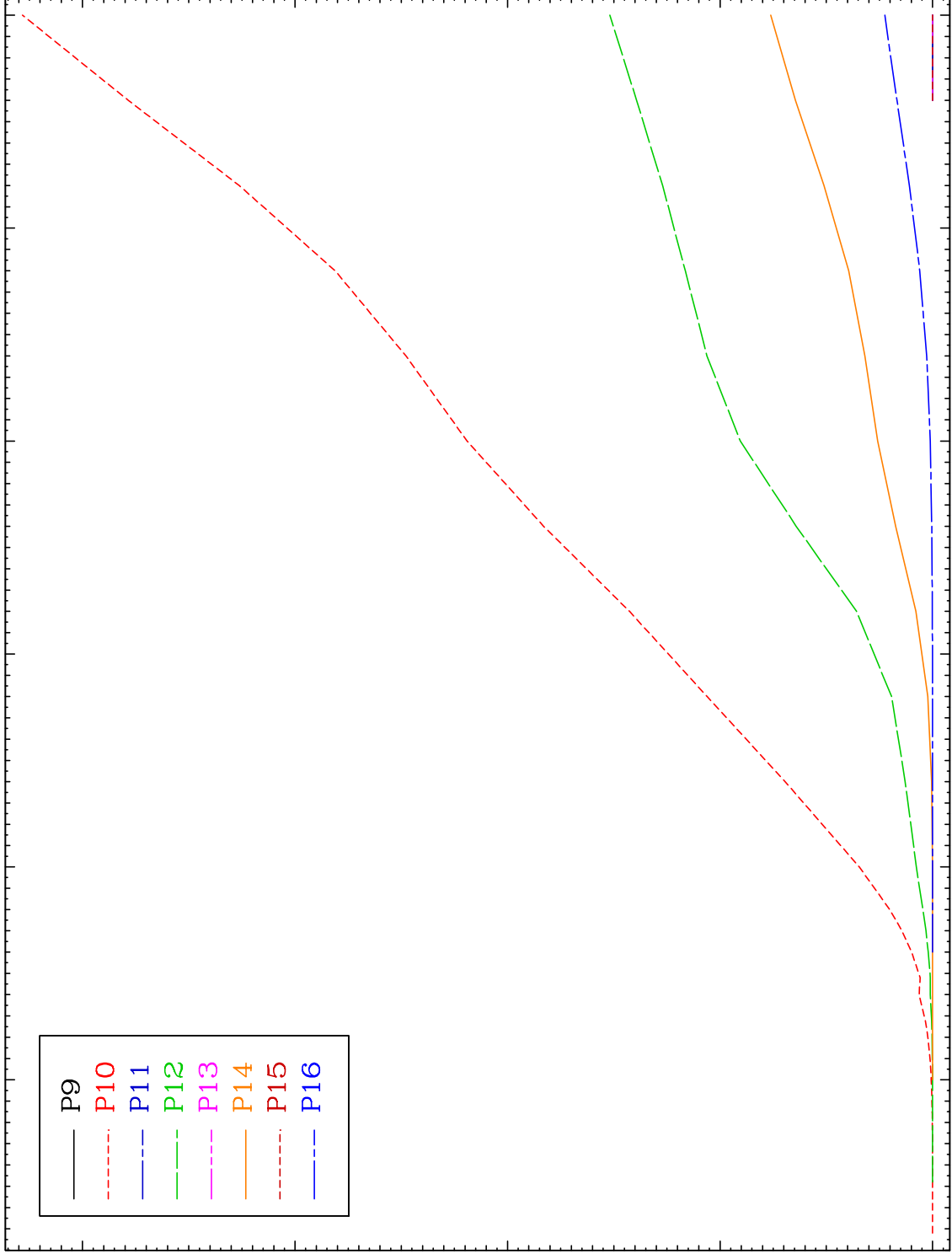
Elastic
Legendre Coefficients

41-Nb-94



$\times 10^{-4}$

Legendre (CM)



17

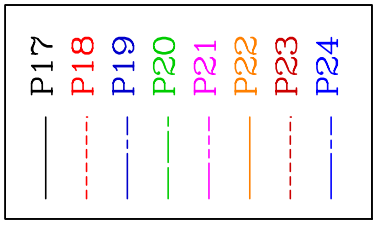
Incident Energy (MeV)

41-Nb-94

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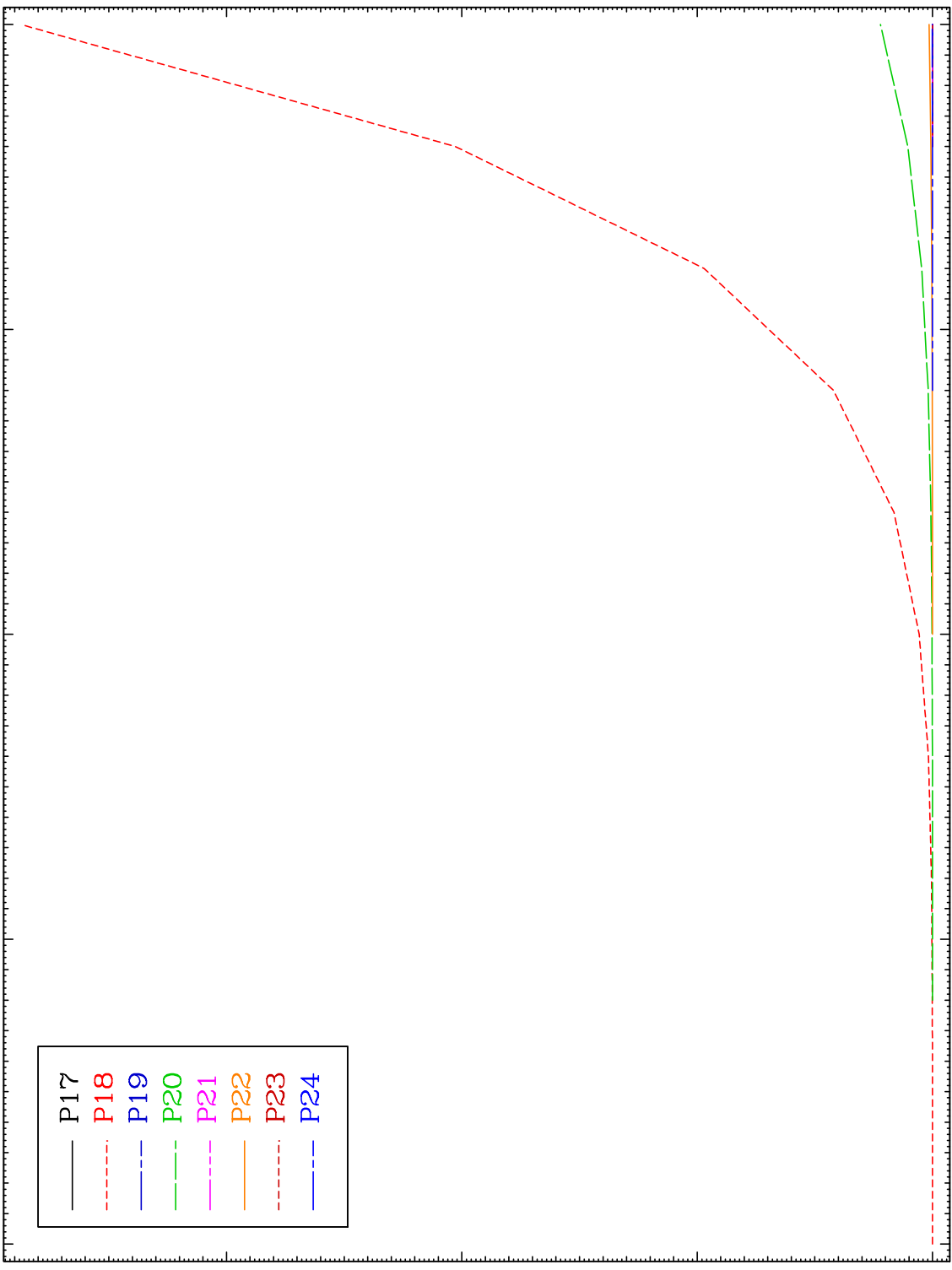
Elastic
Legendre Coefficients

41-Nb-94



$\times 10^{-6}$

Legendre (CM)



18

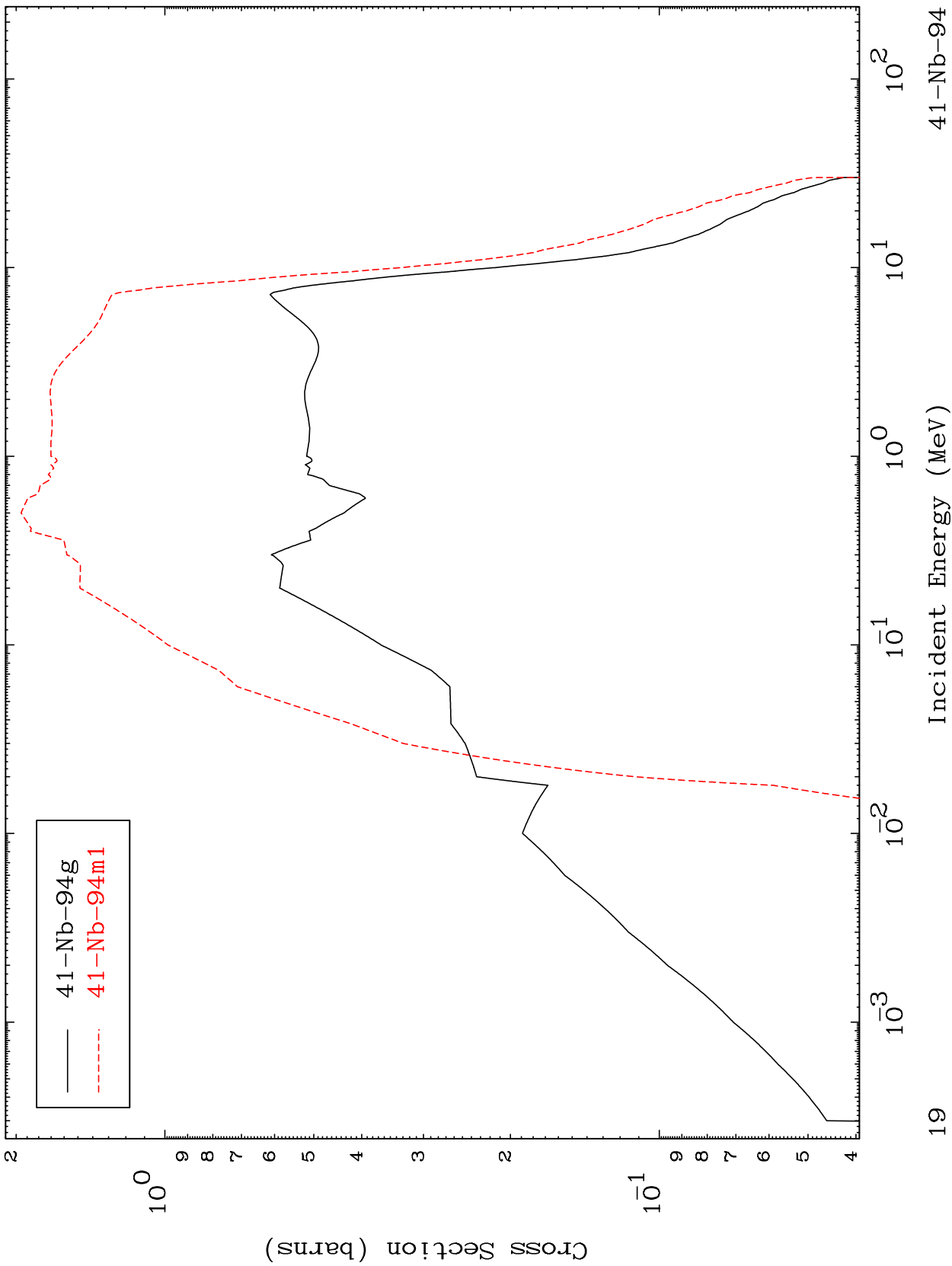
Incident Energy (MeV)

41-Nb-94

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41-Nb-94

Inelastic
Radionuclide Production Cross Section



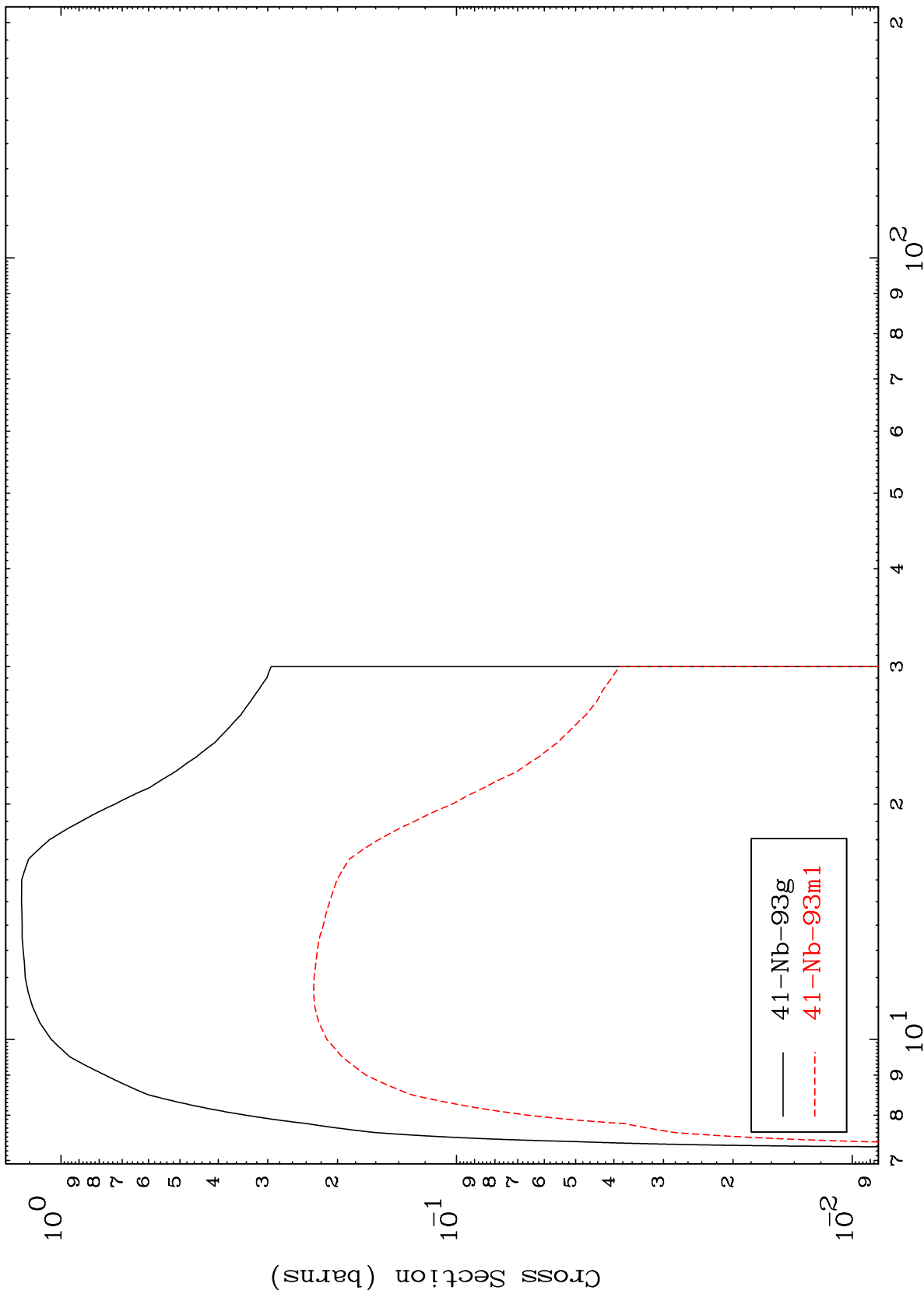
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41-Nb-94

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41-Nb-94

(n,2n)
Radionuclide Production Cross Section



— 41-Nb-93g
- - - 41-Nb-93m1

41-Nb-94

Incident Energy (MeV)

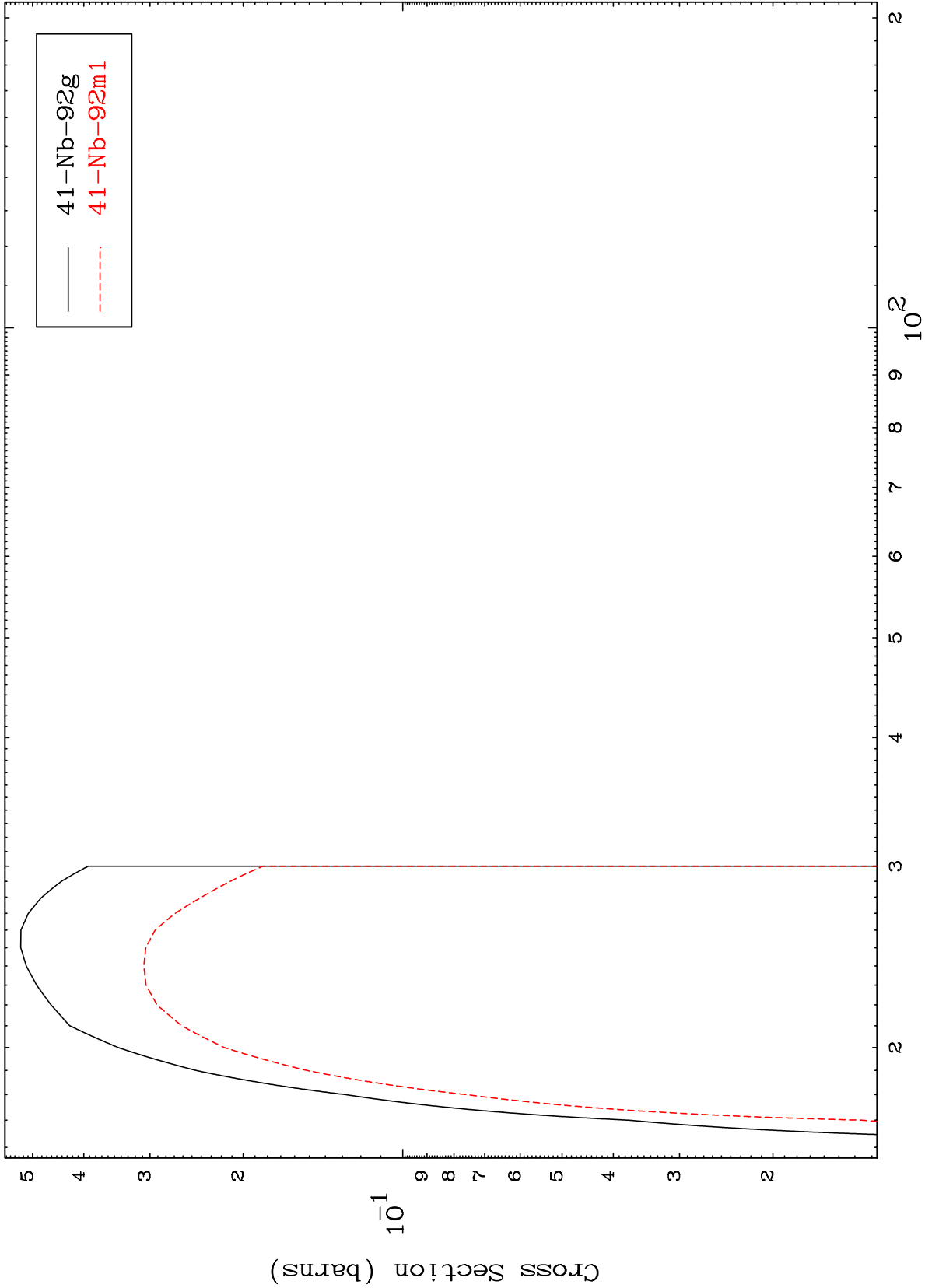
20

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(n,3n)

41-Nb-94

Radionuclide Production Cross Section



21

Incident Energy (MeV)

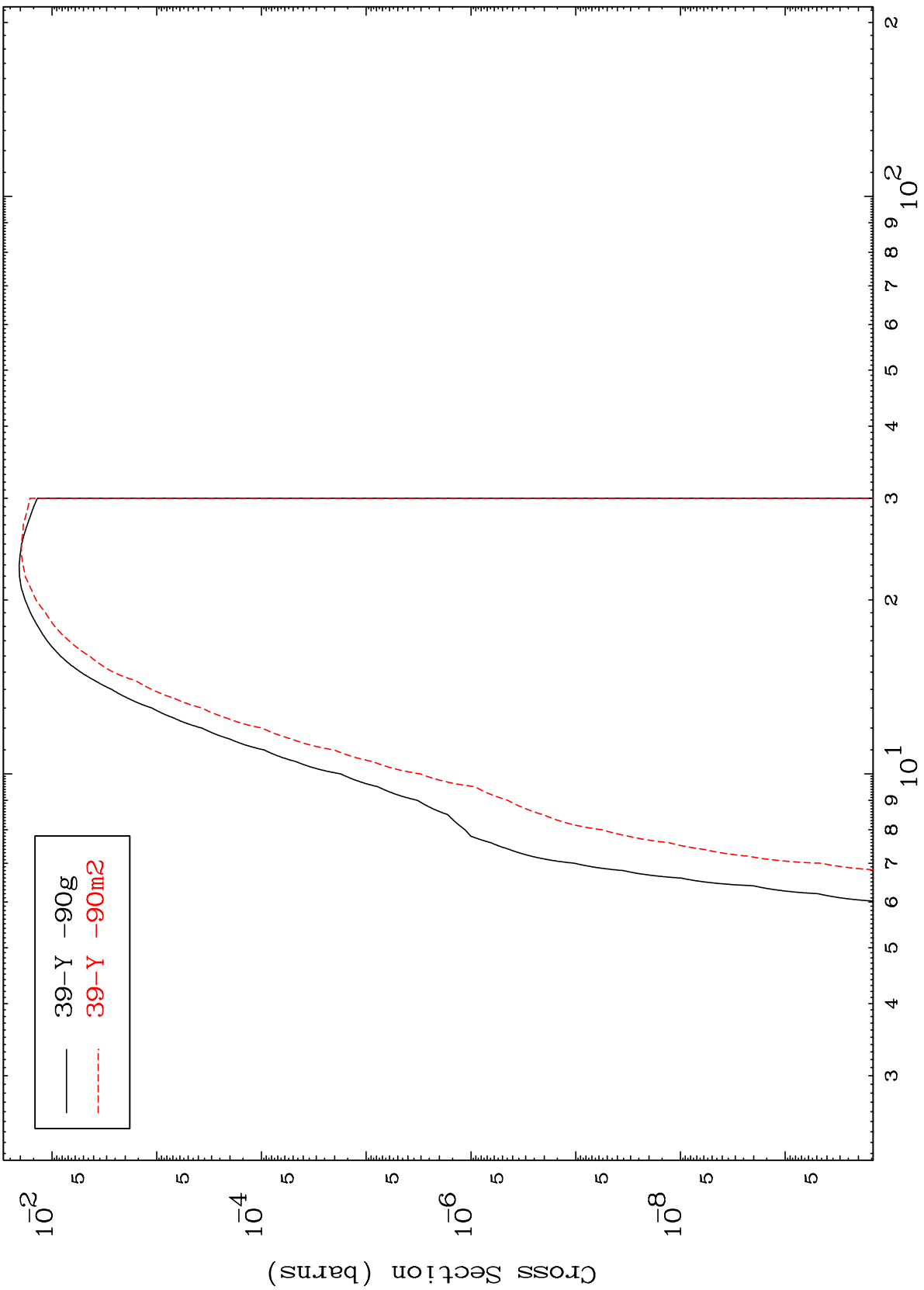
41-Nb-94

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$(n, n') \alpha$

41-Nb-94

Radionuclide Production Cross Section



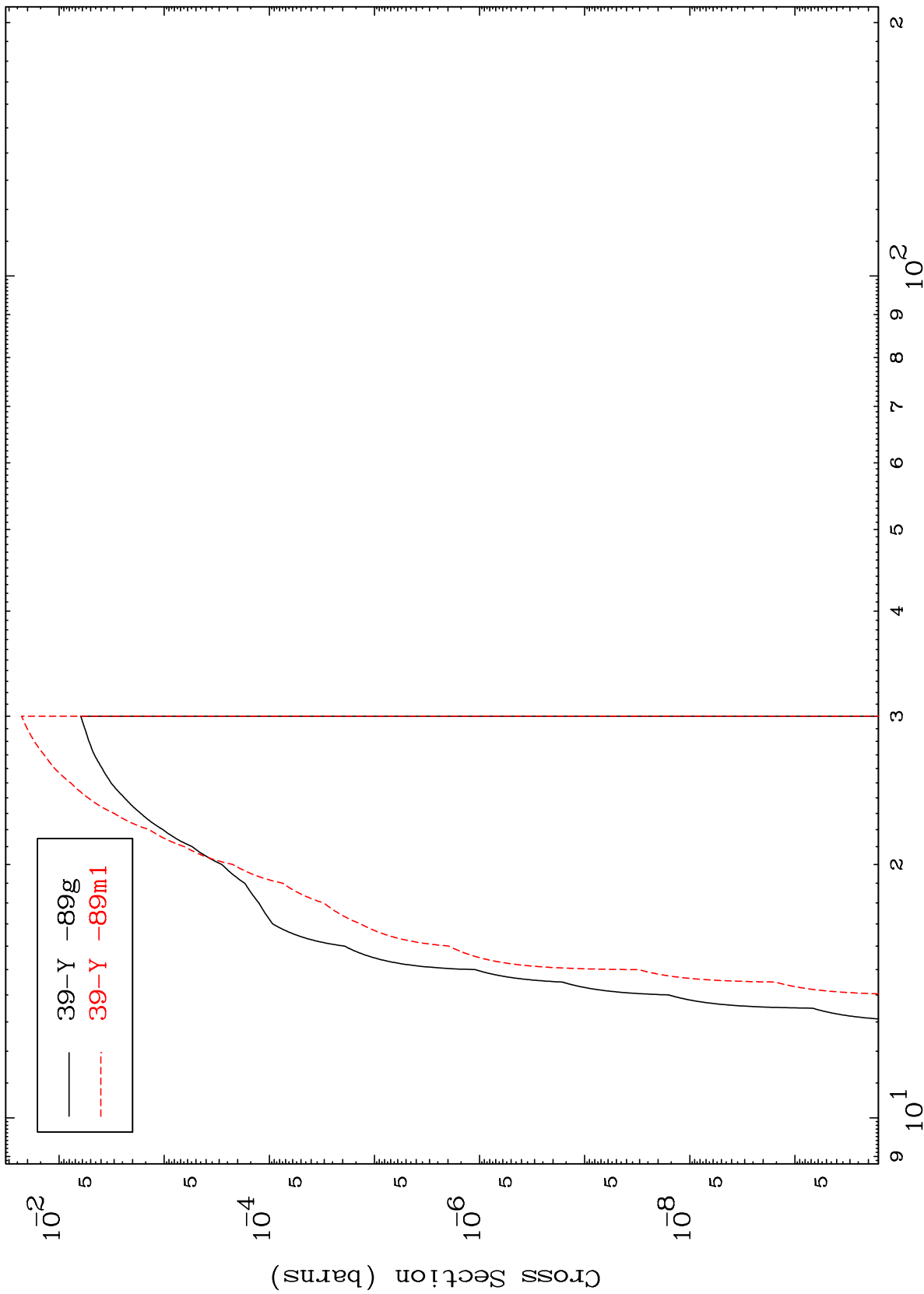
— 39-Y -90g
- - - 39-Y -90m2

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(n,2n) α

41-Nb-94

Radionuclide Production Cross Section



23

Incident Energy (MeV)

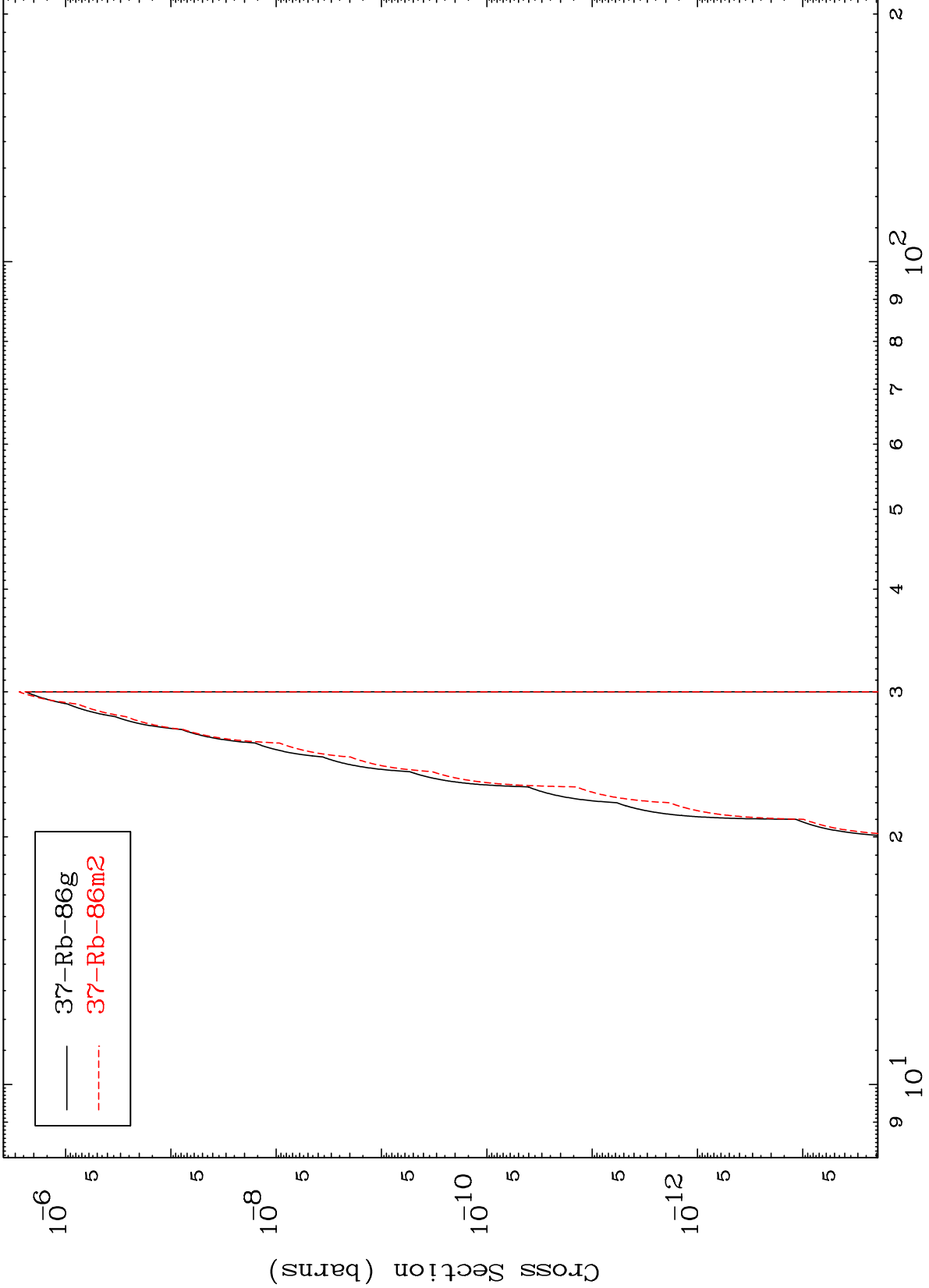
41-Nb-94

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(n,n') 2α

41-Nb-94

Radionuclide Production Cross Section



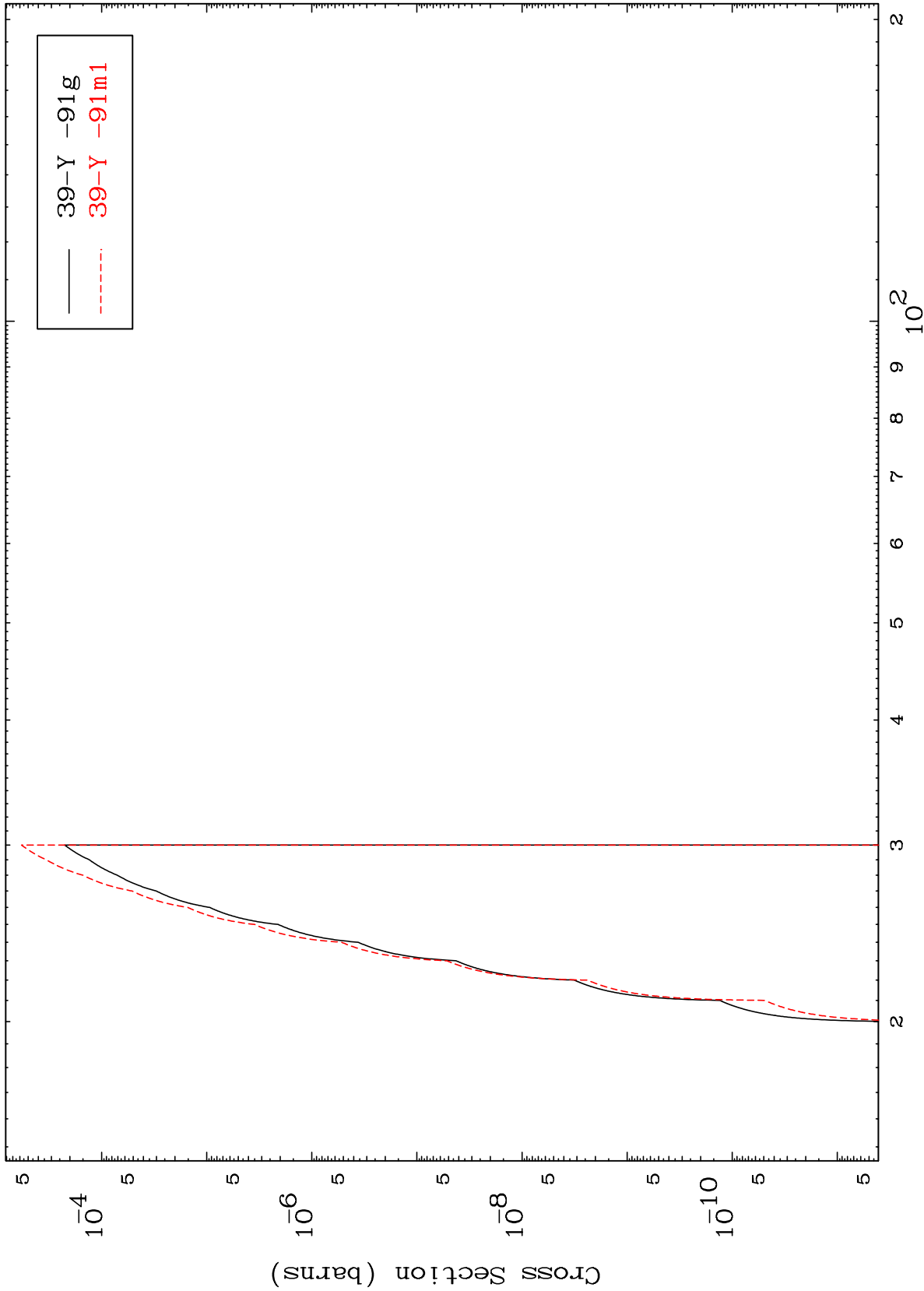
— 37-Rb-86g
- - - 37-Rb-86m2

24

Incident Energy (MeV)

41-Nb-94

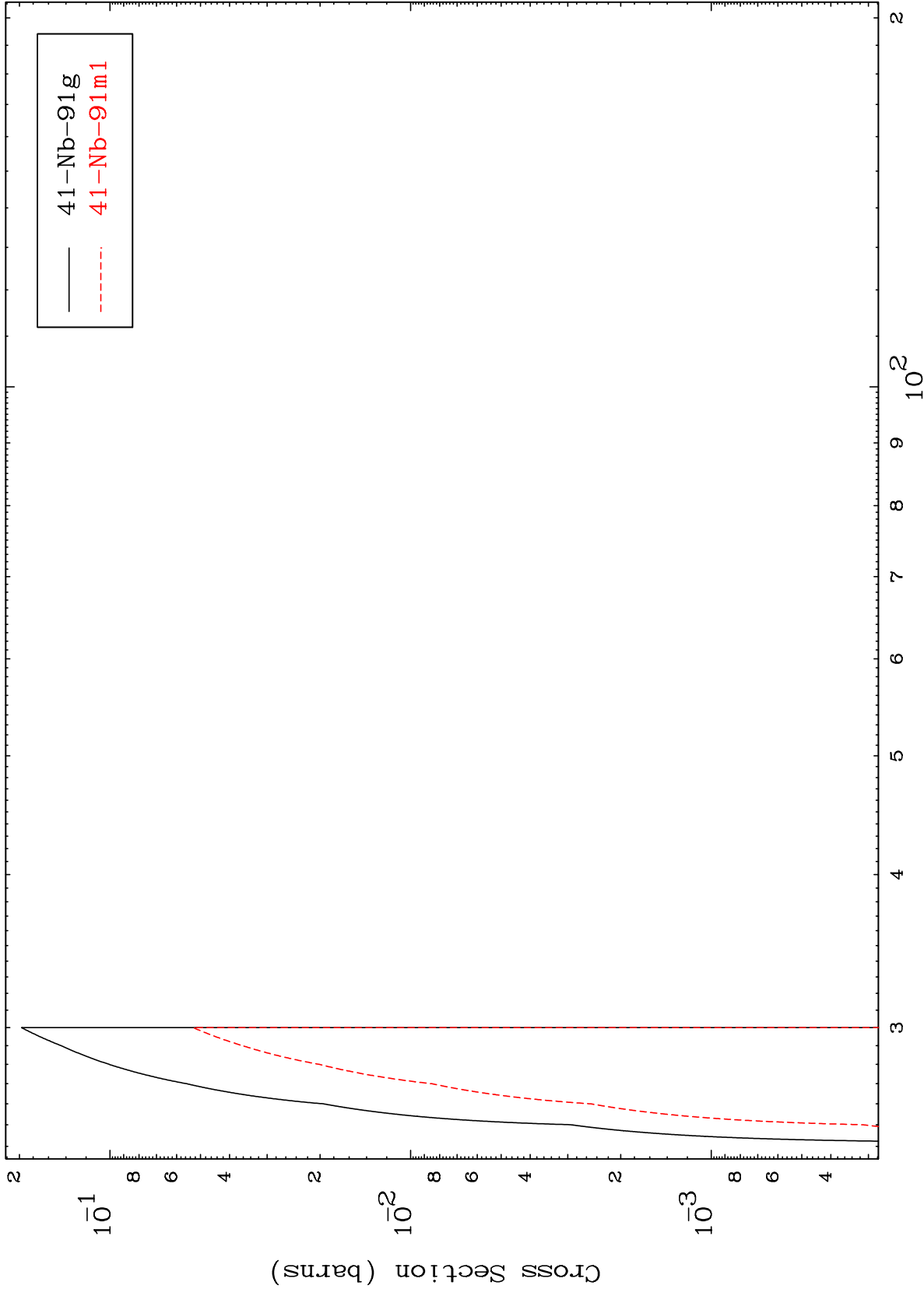
Radionuclide Production Cross Section



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41-Nb-94

(n,4n)
Radionuclide Production Cross Section



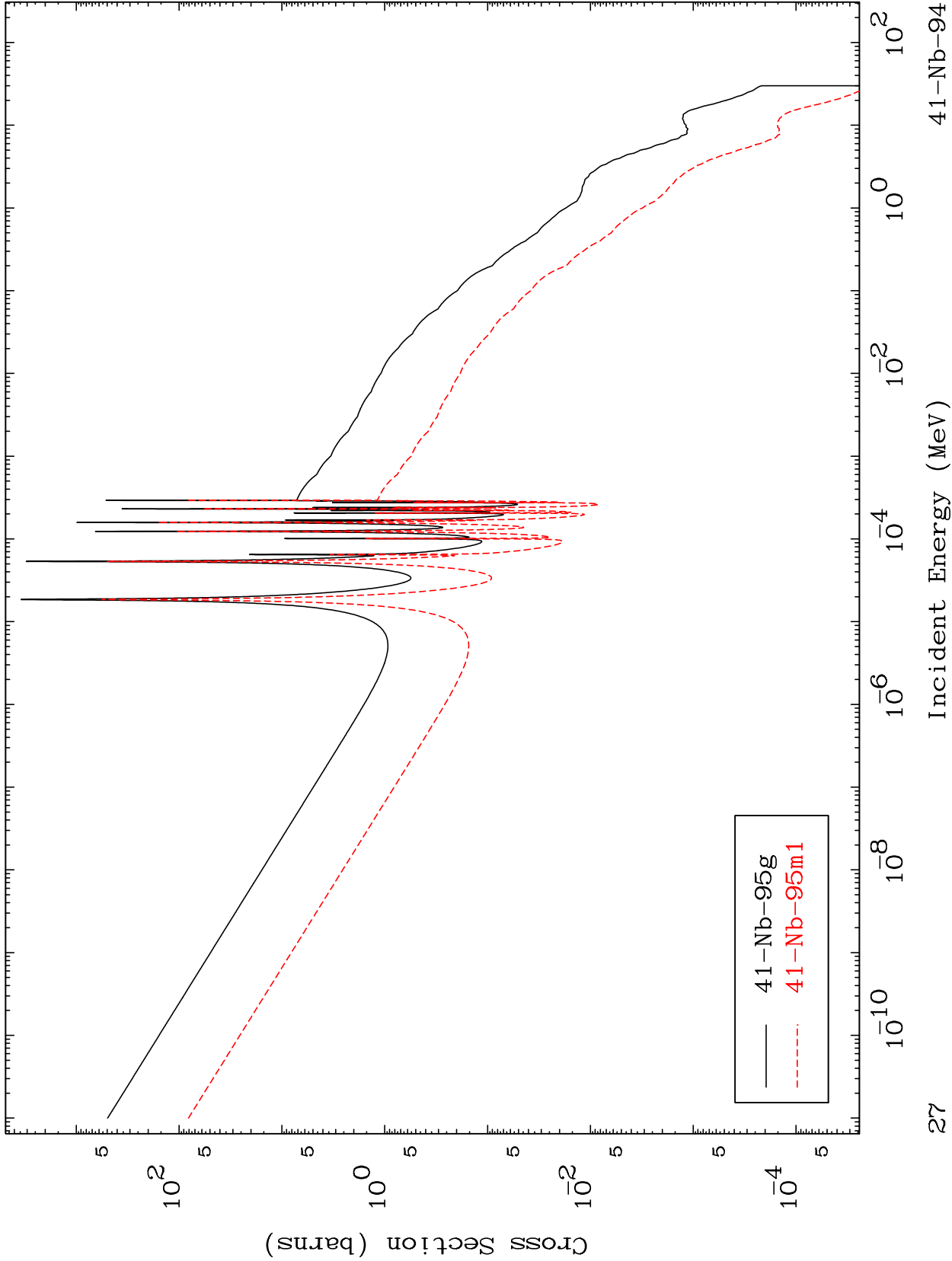
41-Nb-91g
41-Nb-91m1

26

41-Nb-94

Incident Energy (MeV)

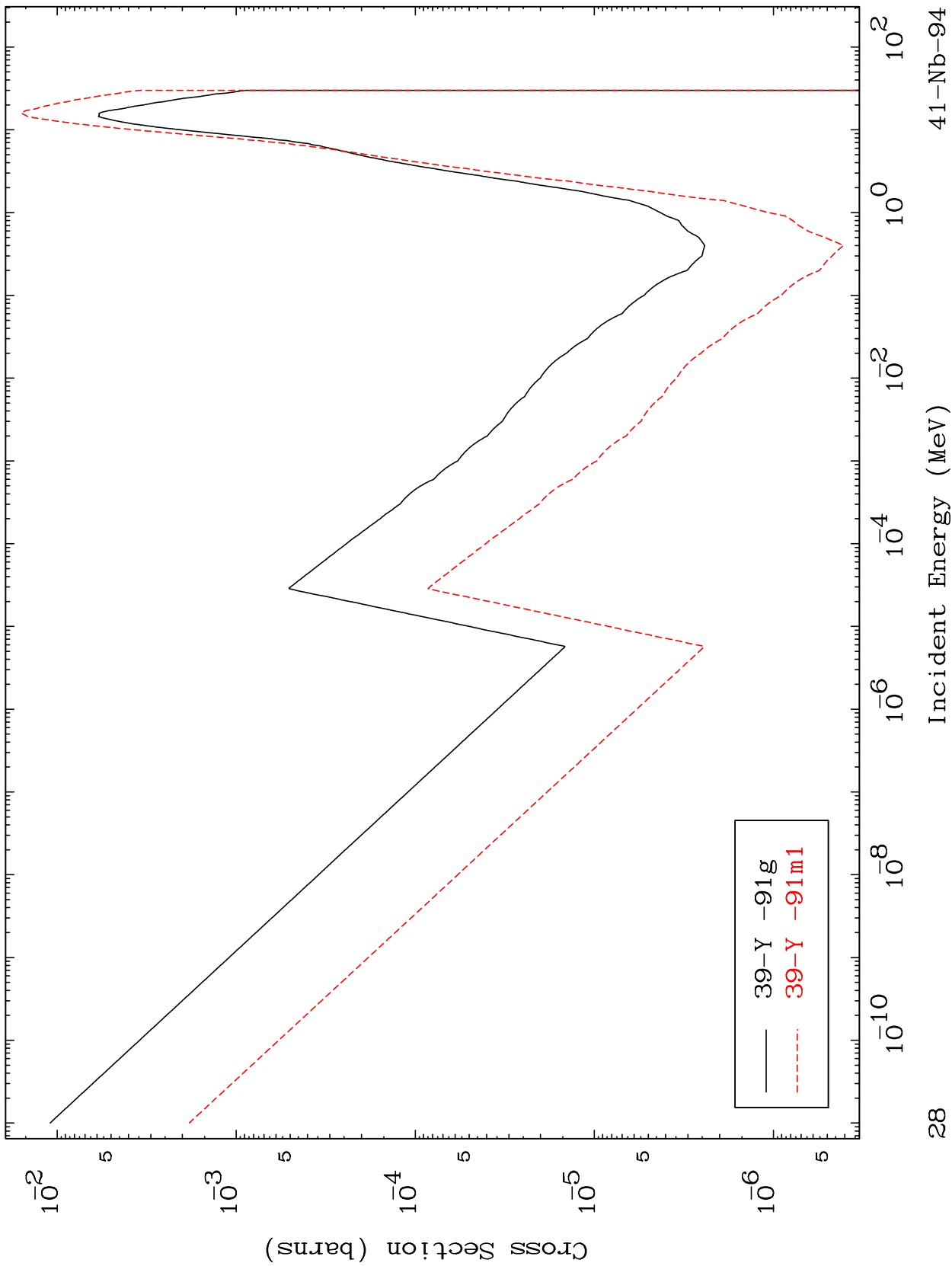
(n,γ)
Radionuclide Production Cross Section



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41-Nb-94

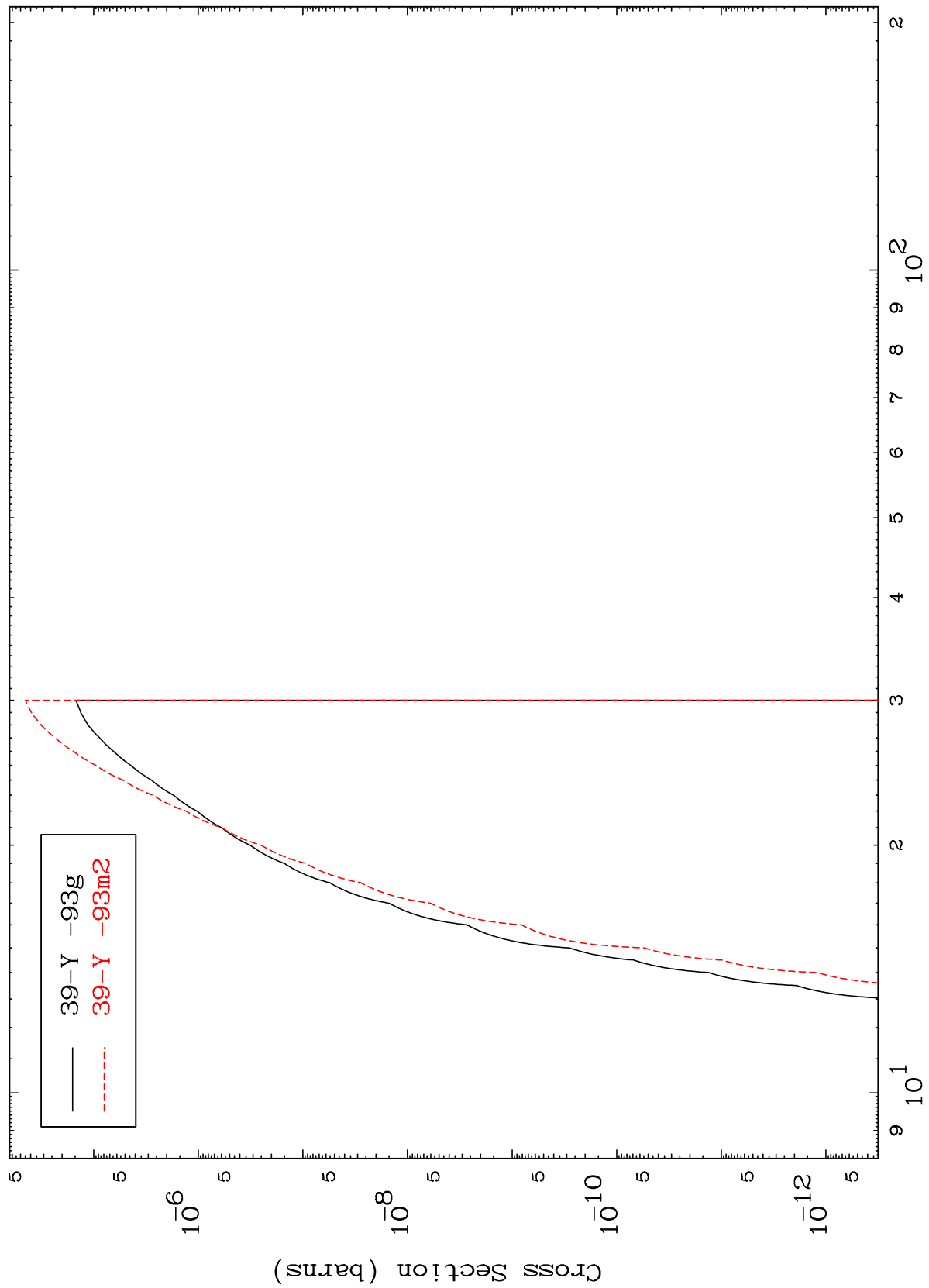
(n, α)
Radionuclide Production Cross Section



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41-Nb-94

(n,2p)
Radionuclide Production Cross Section



29

Incident Energy (MeV)

41-Nb-94

Radionuclide Production Cross Section

