

Program EVALPLOT
(Version 2017-1)

by

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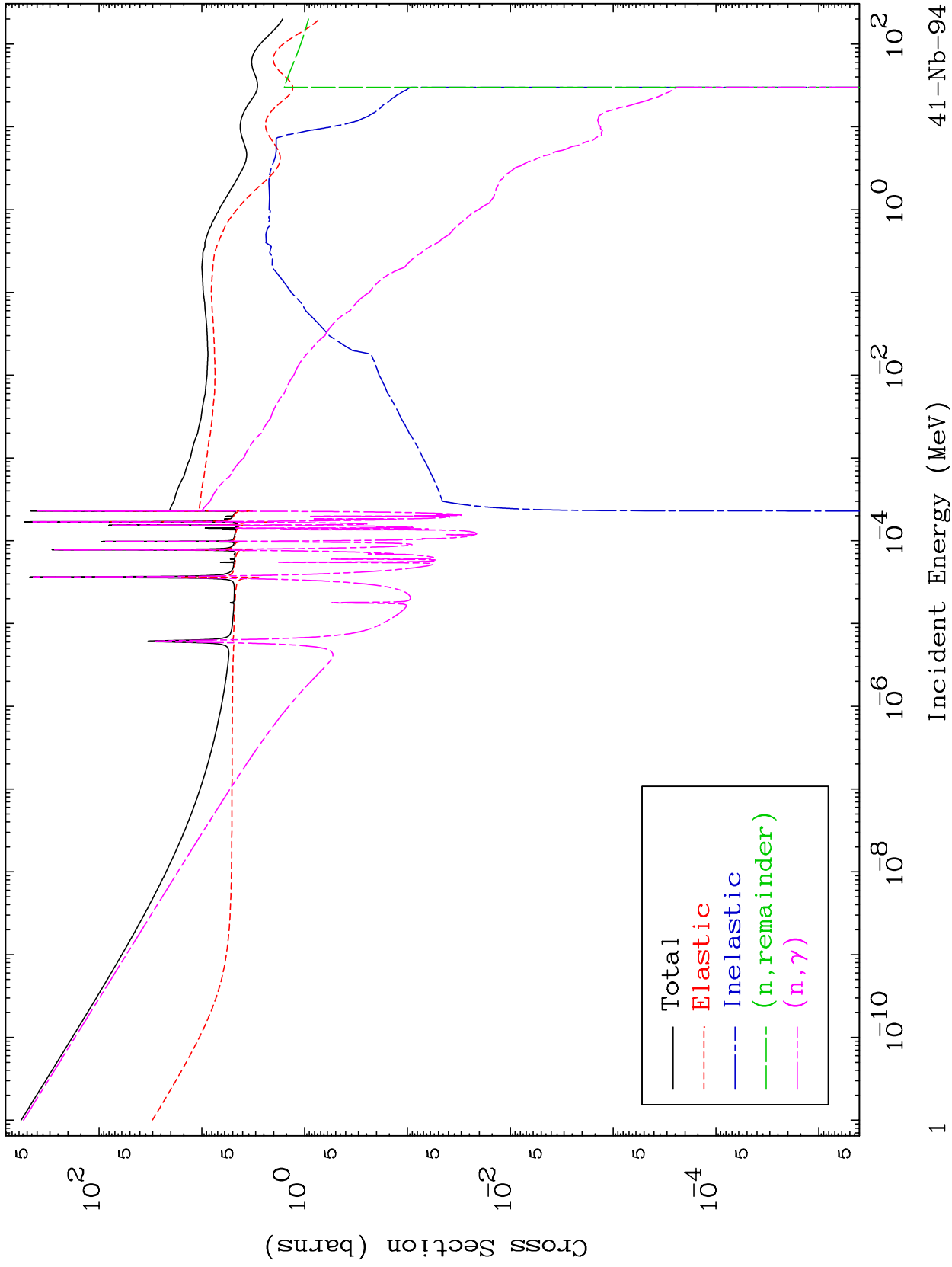
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Press Mouse Button to Start

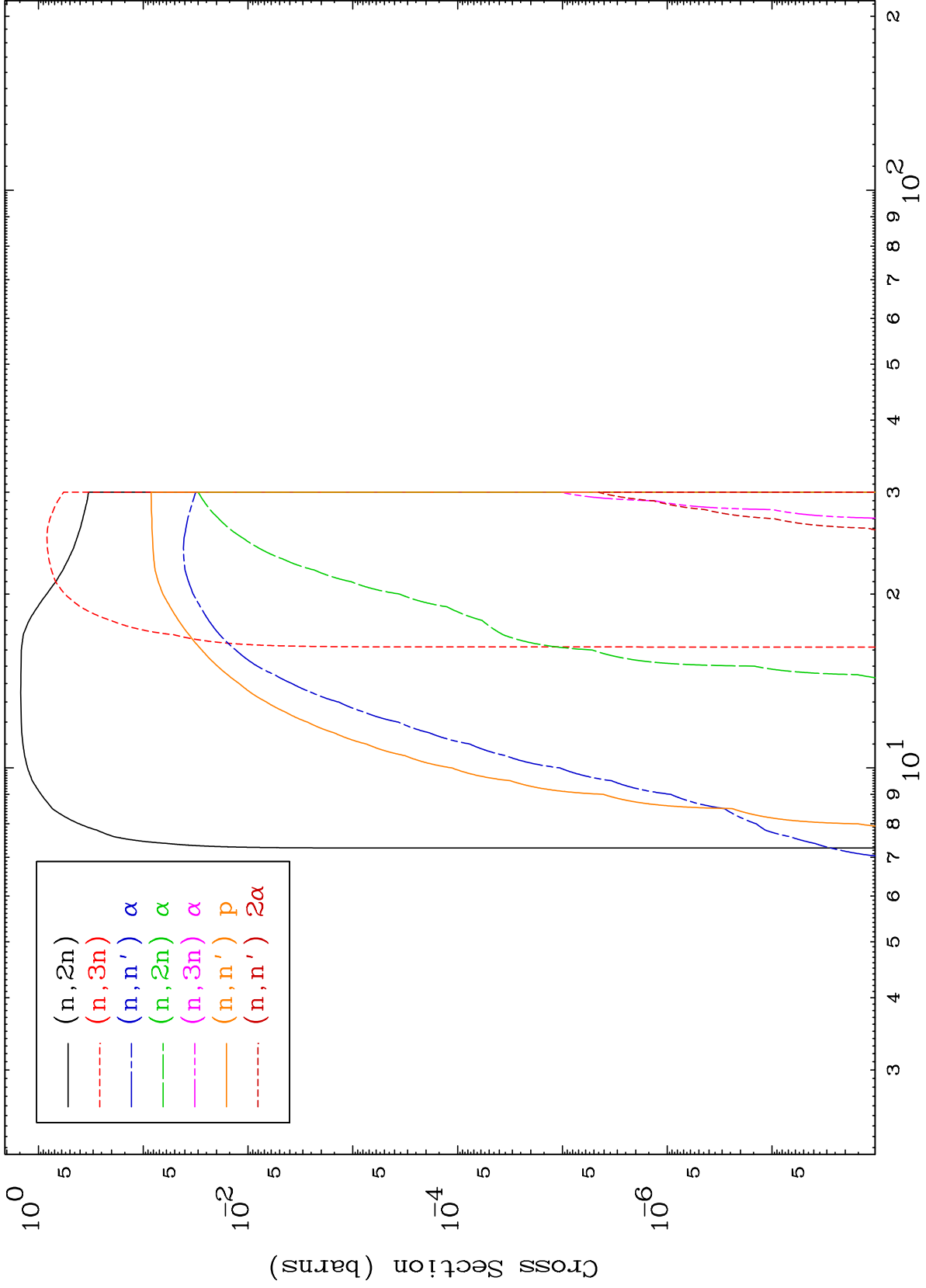
MAT 4129

Major
293 Kelvin Cross Sections

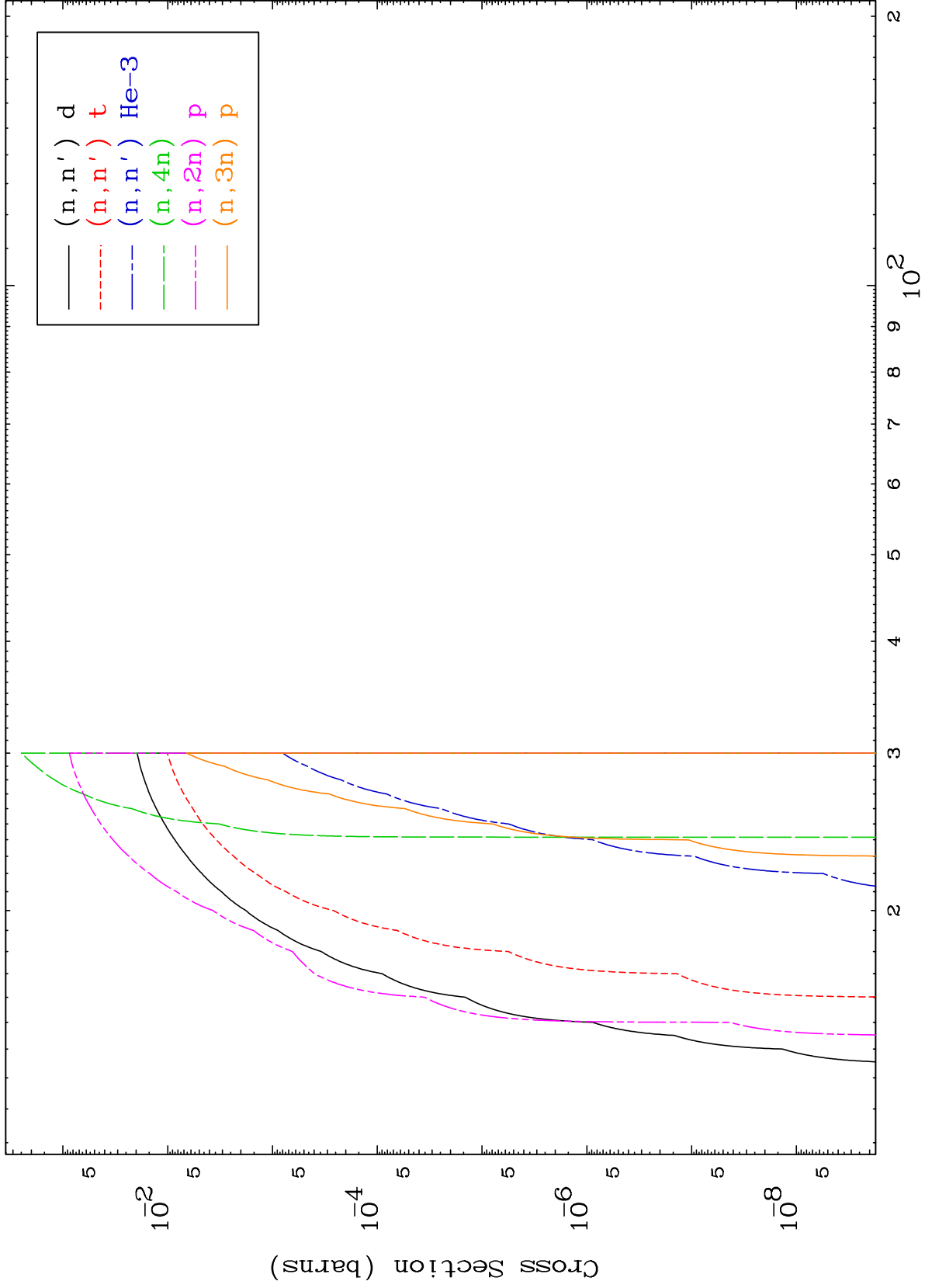
41-Nb-94

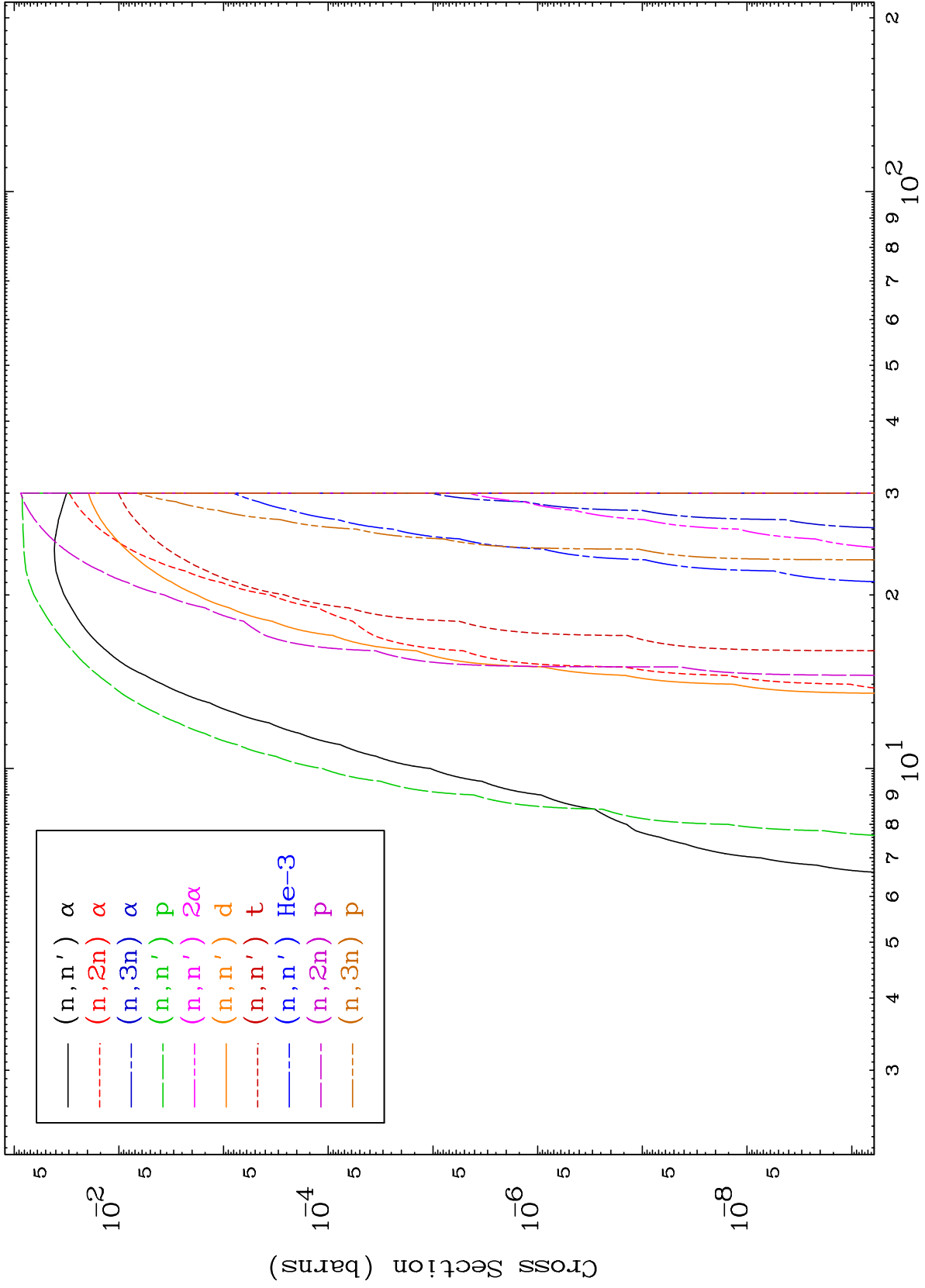


Neutron Production
293 Kelvin Cross Sections



Incident Energy (MeV)

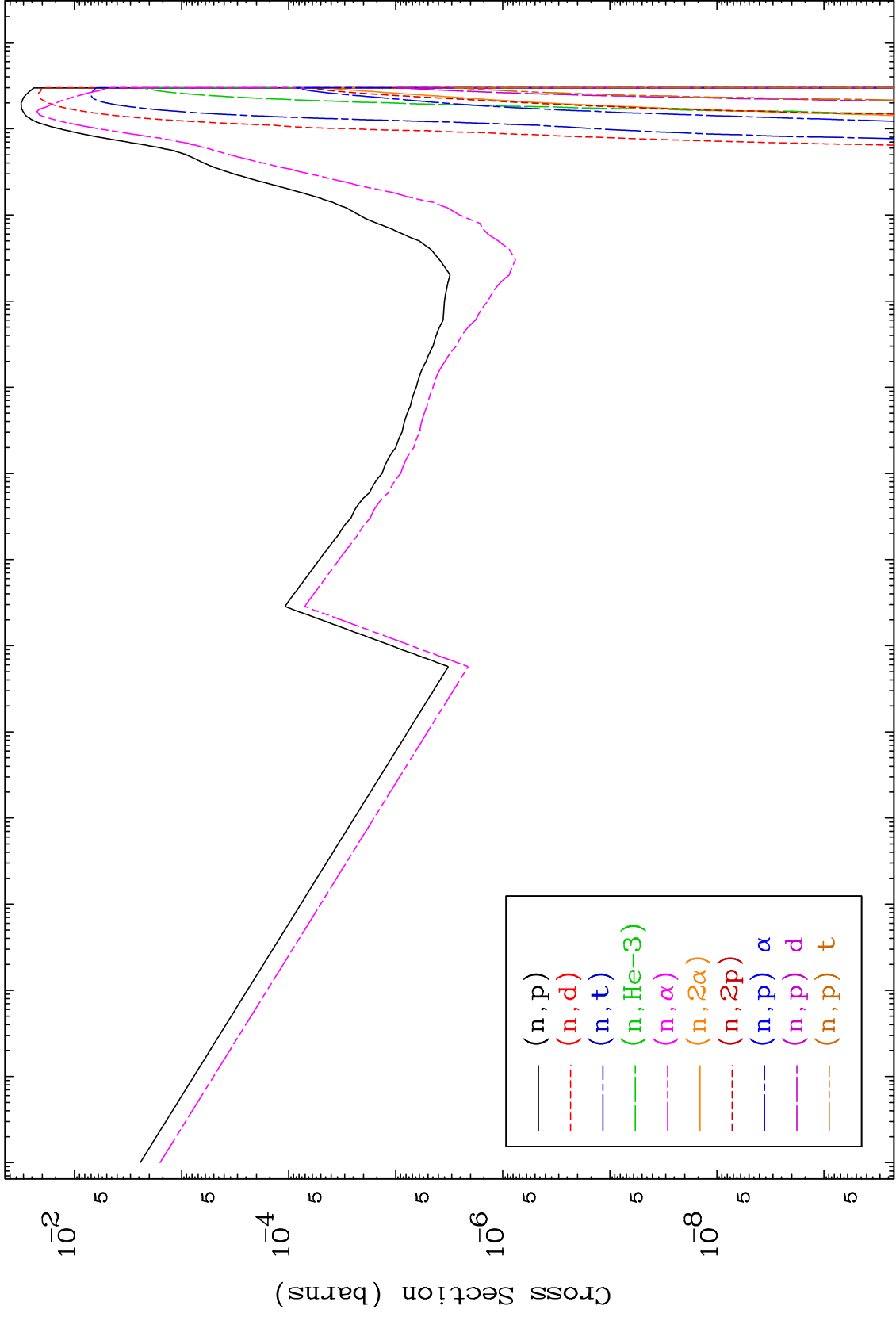




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Charged Particle
293 Kelvin Cross Sections

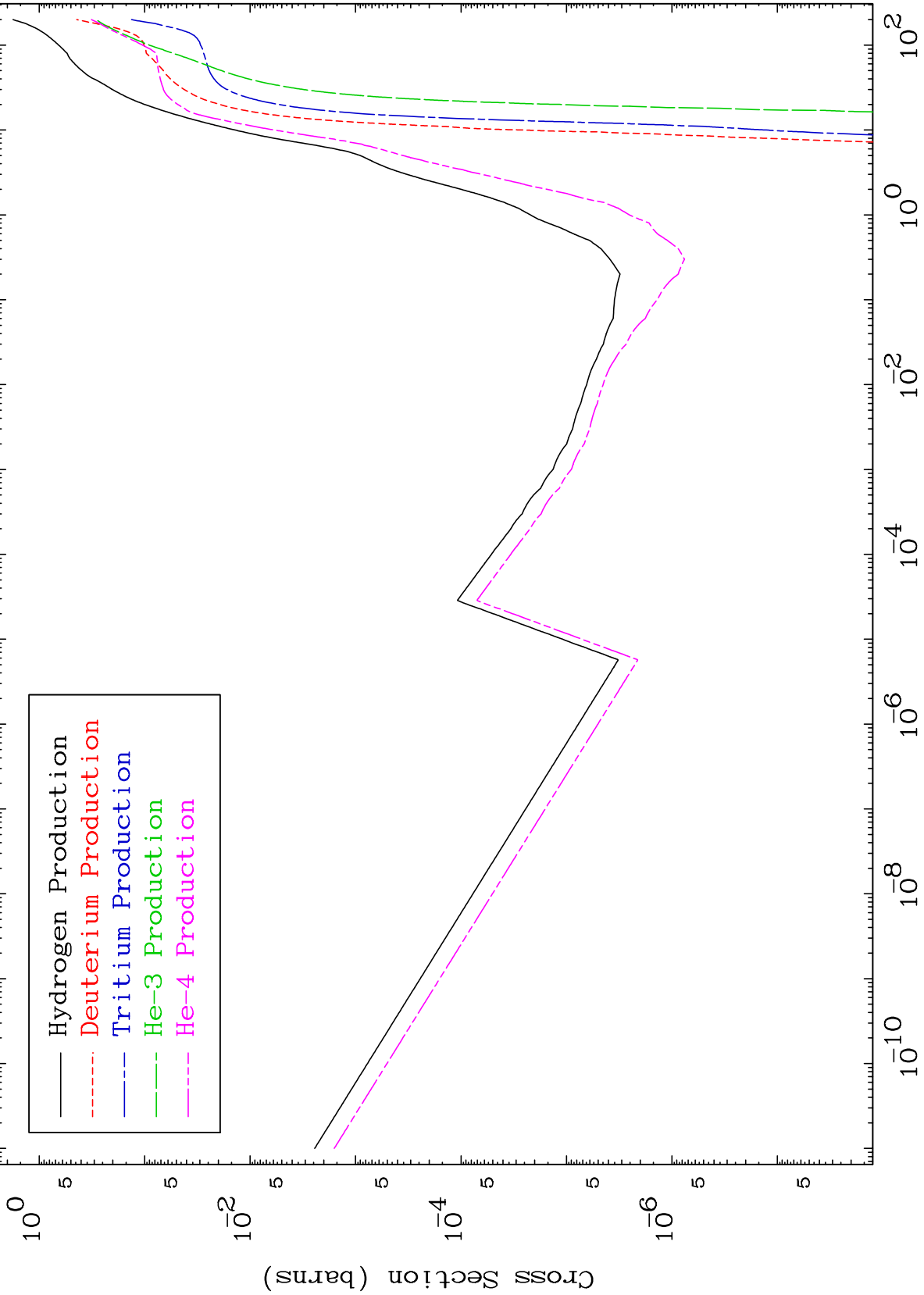
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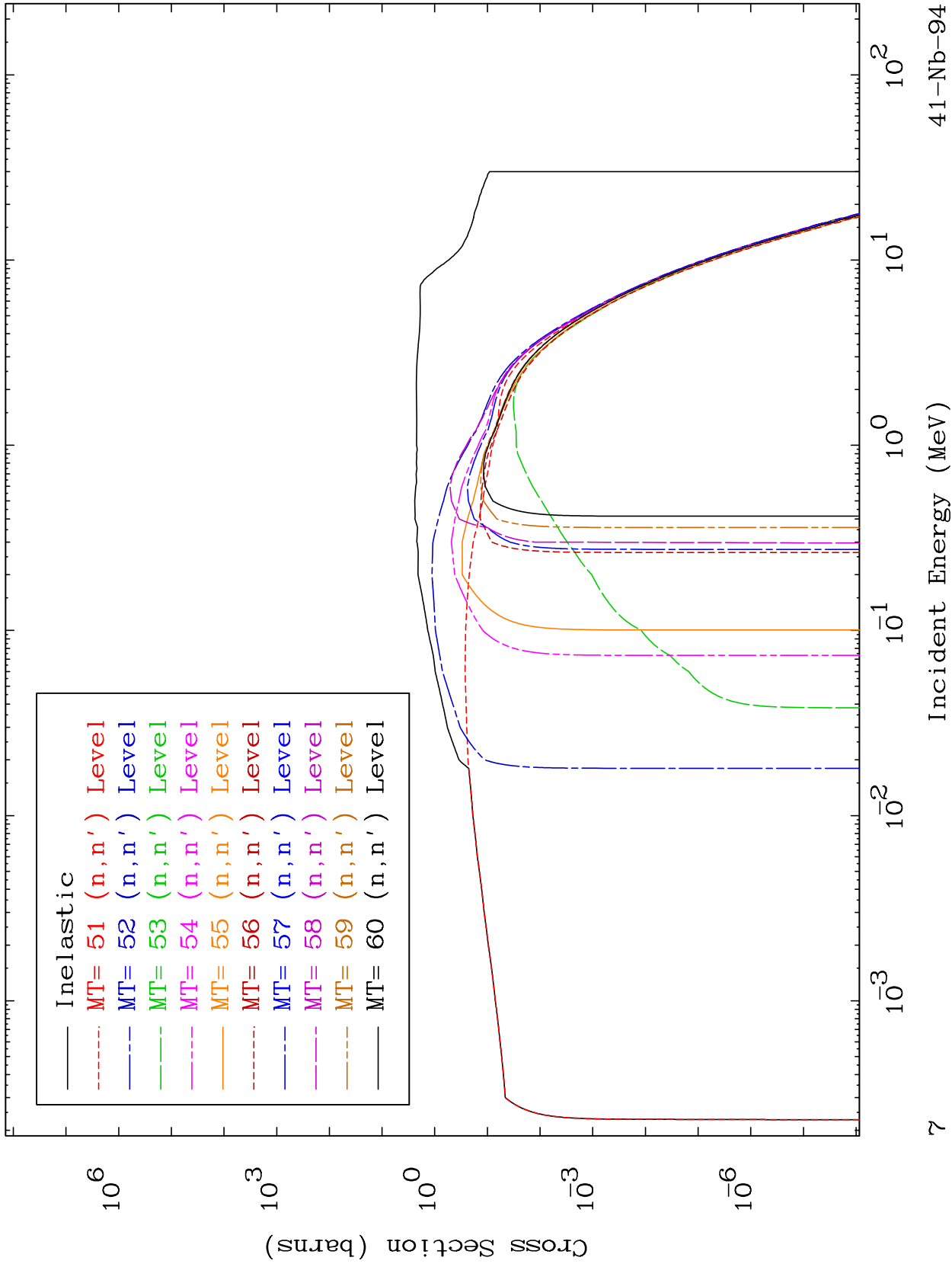


5

Incident Energy (MeV)

41-Nb-94



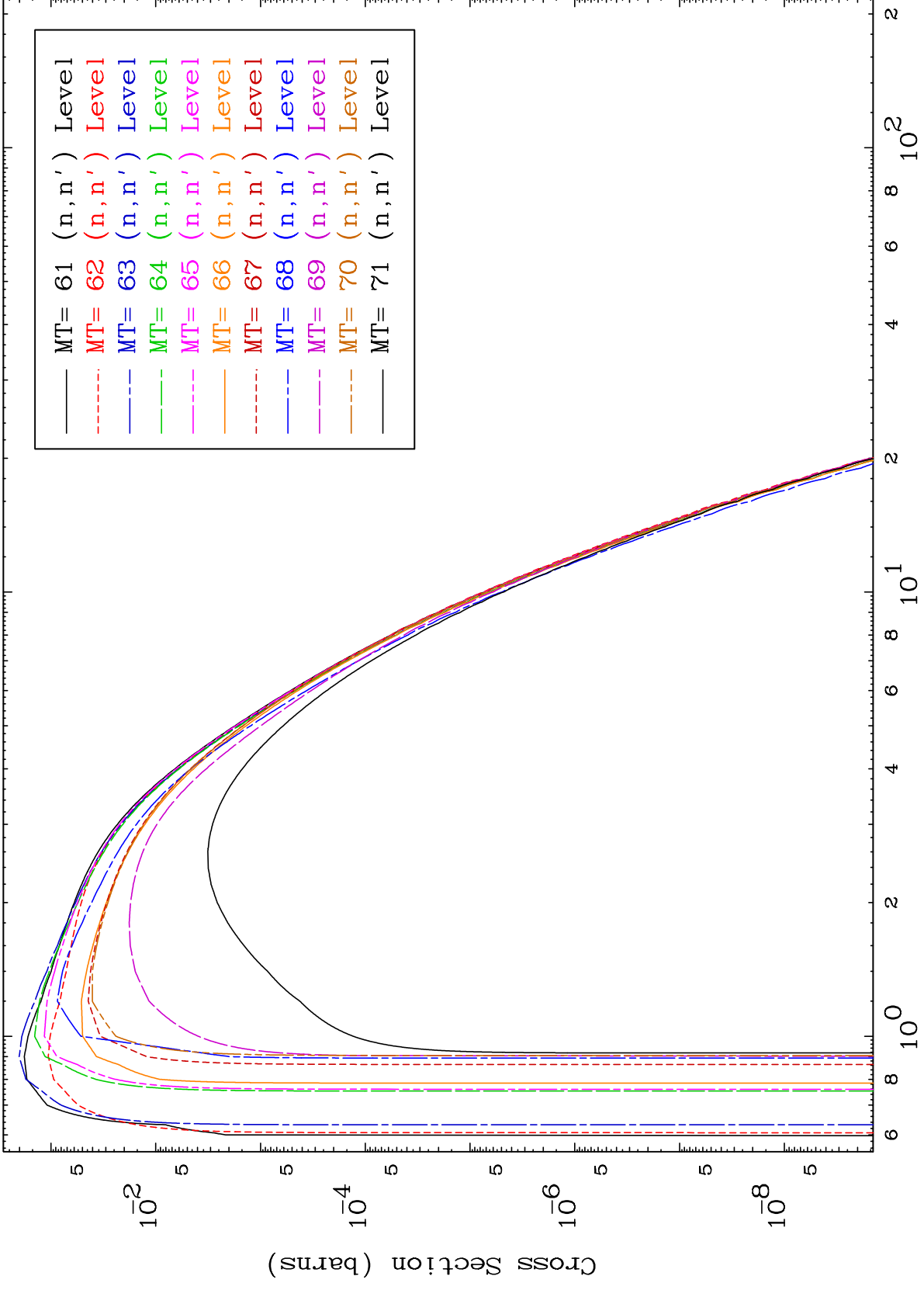


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(n,n') Level

41-Nb-94

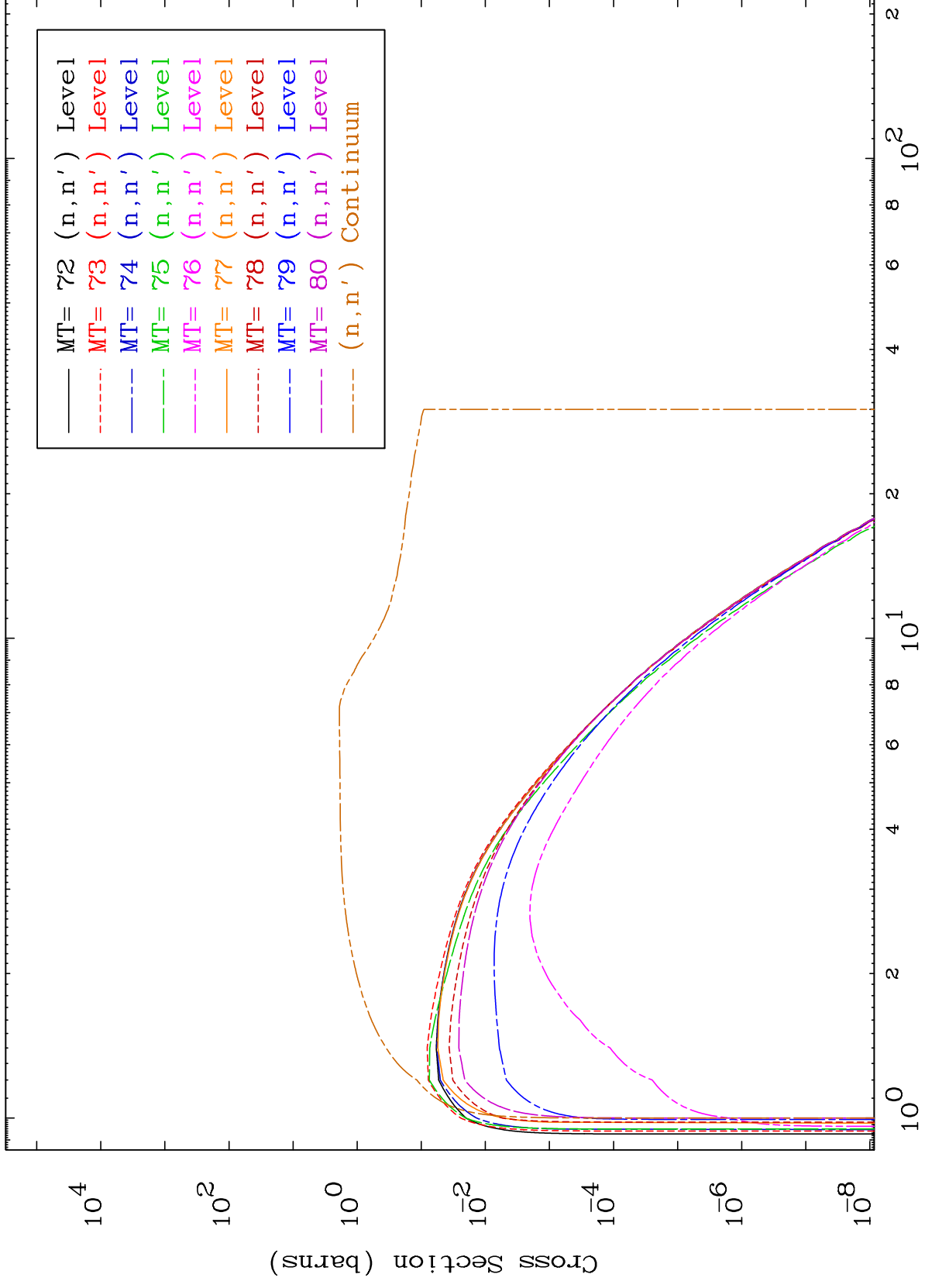
293 Kelvin Cross Sections



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Incident Energy (MeV)

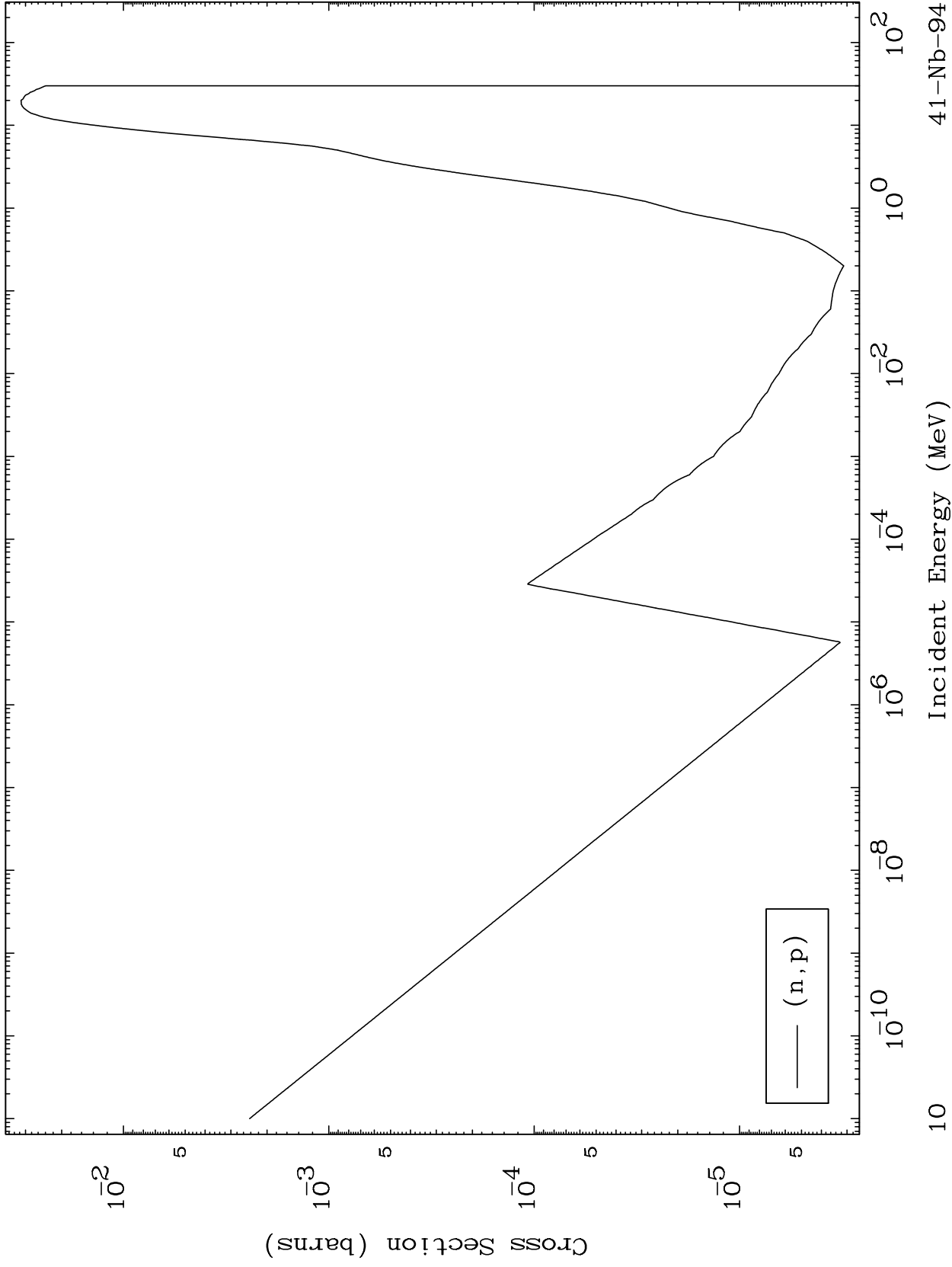
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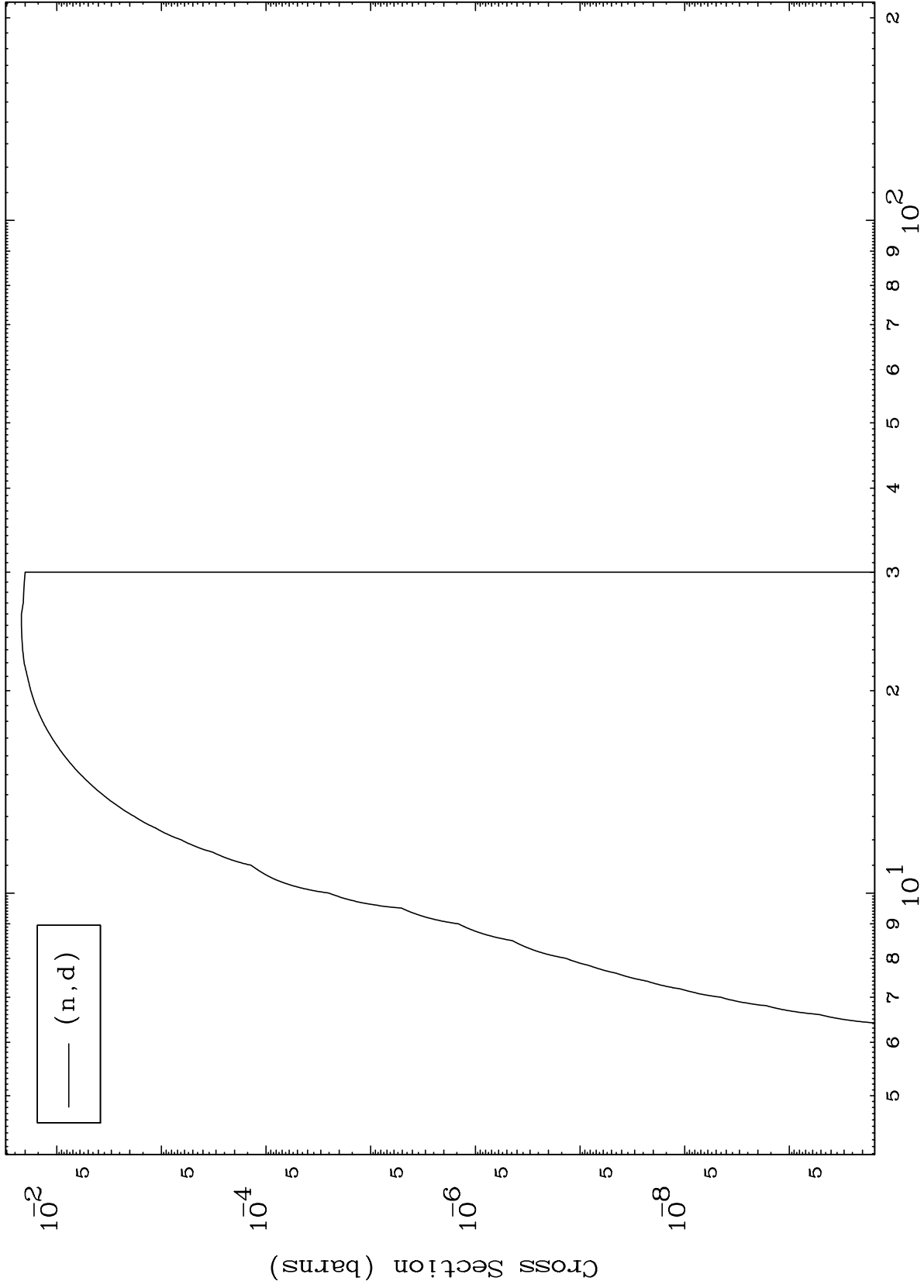


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(n,p) Levels
293 Kelvin Cross Sections

41-Nb-94

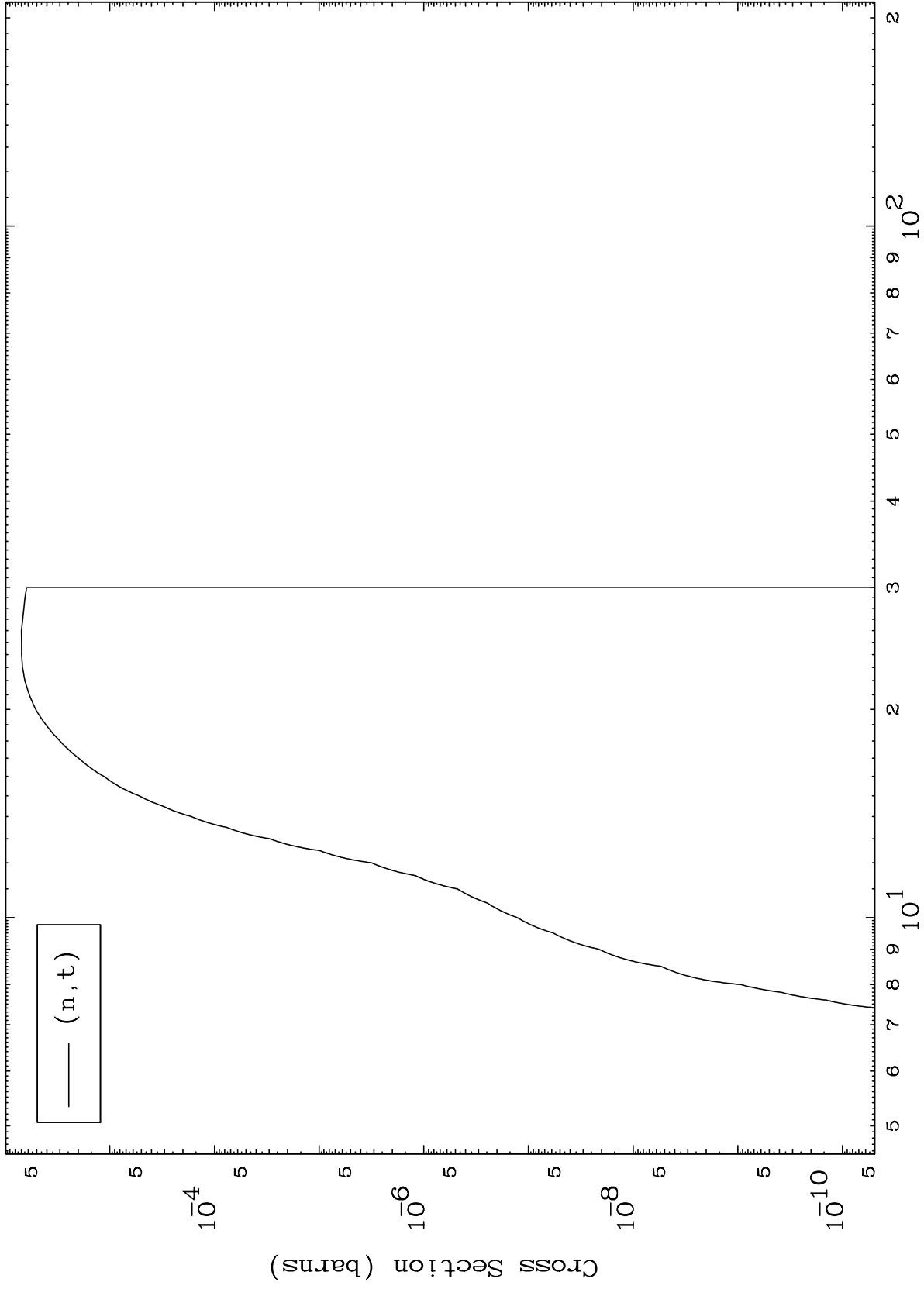




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(n,t) Levels
293 Kelvin Cross Sections

41-Nb-94



12

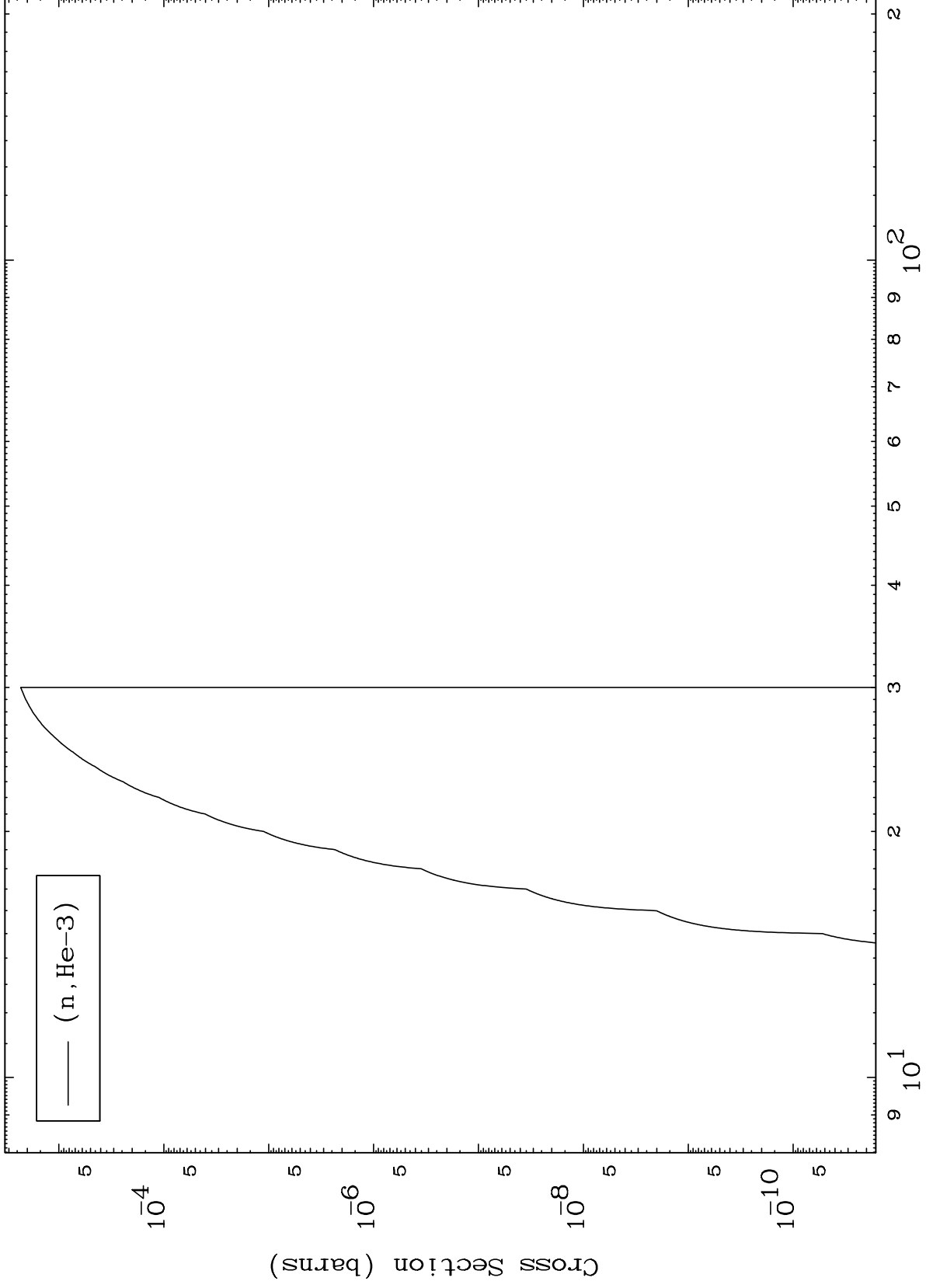
Incident Energy (MeV)

41-Nb-94

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(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-94



13

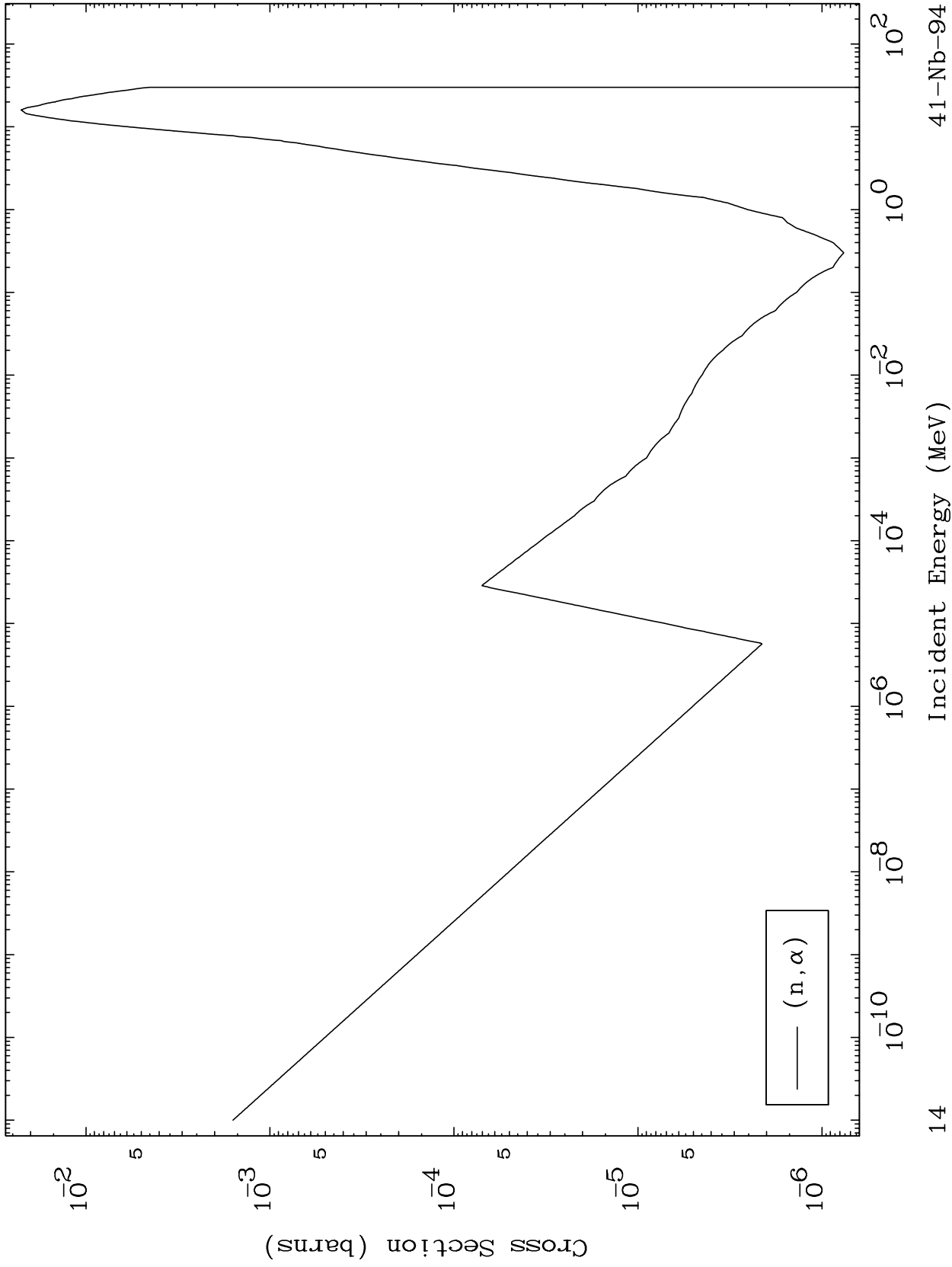
Incident Energy (MeV)

41-Nb-94

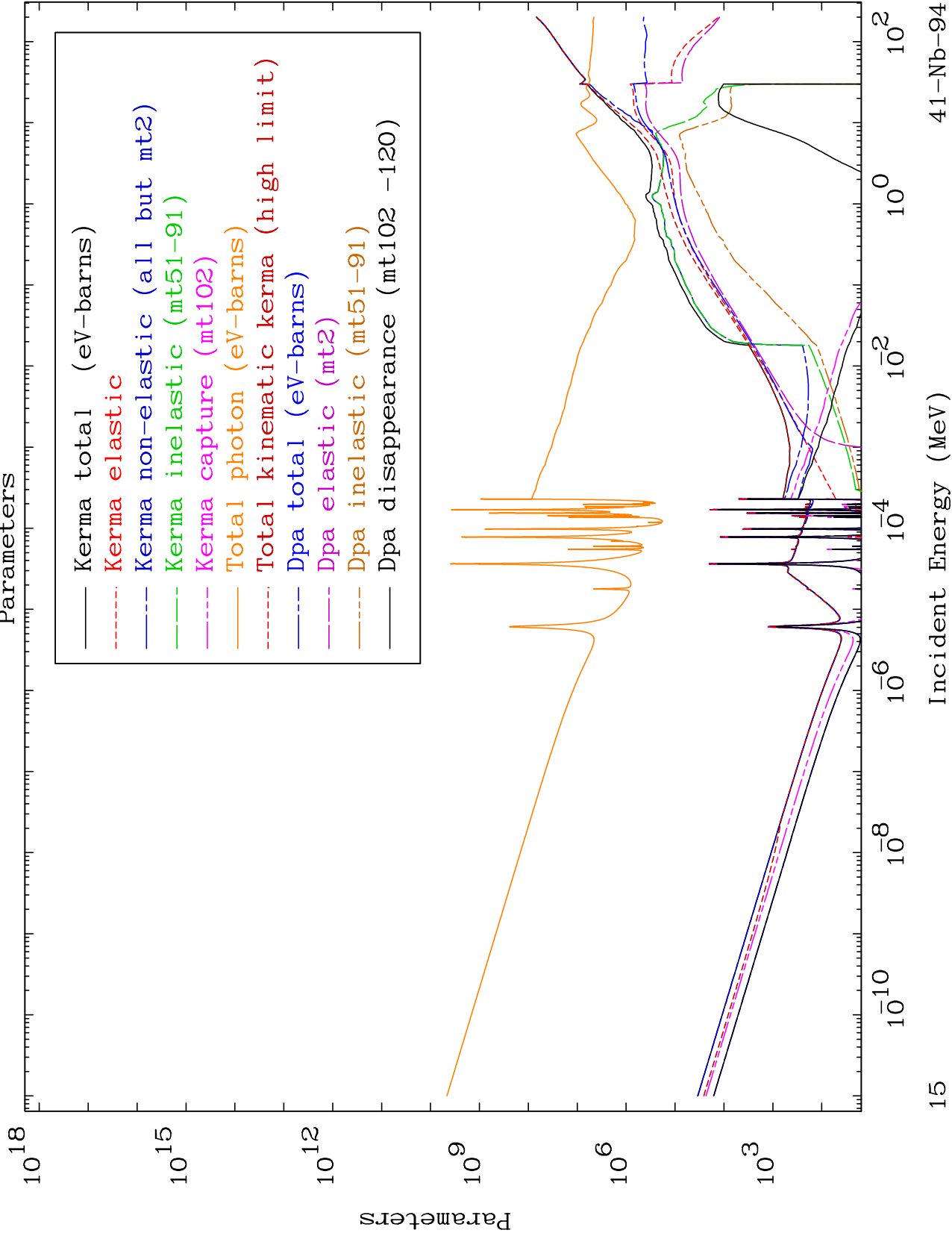
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(n, α) Levels
293 Kelvin Cross Sections

41-Nb-94



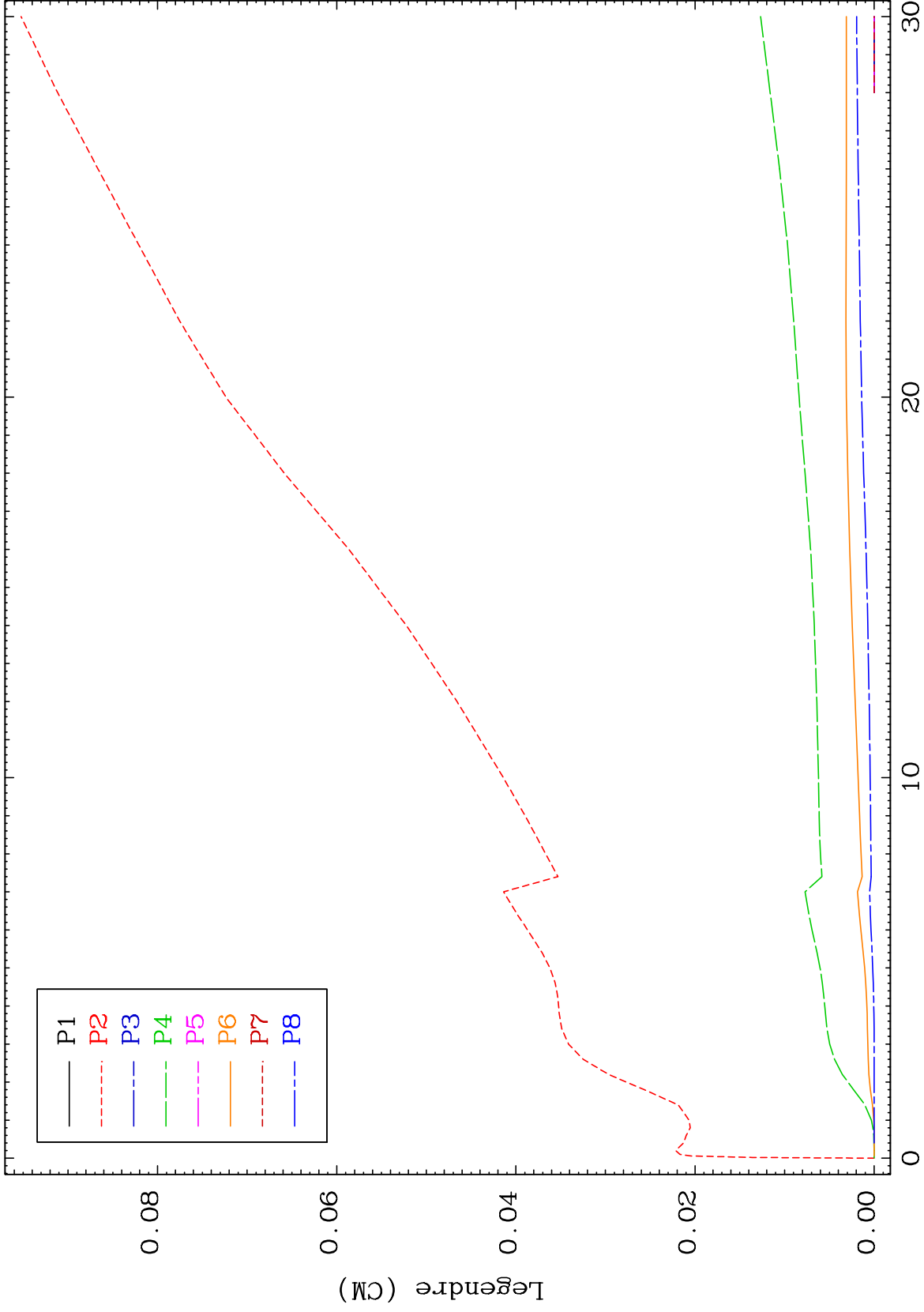
14



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Elastic Legendre Coefficients

41-Nb-94



16

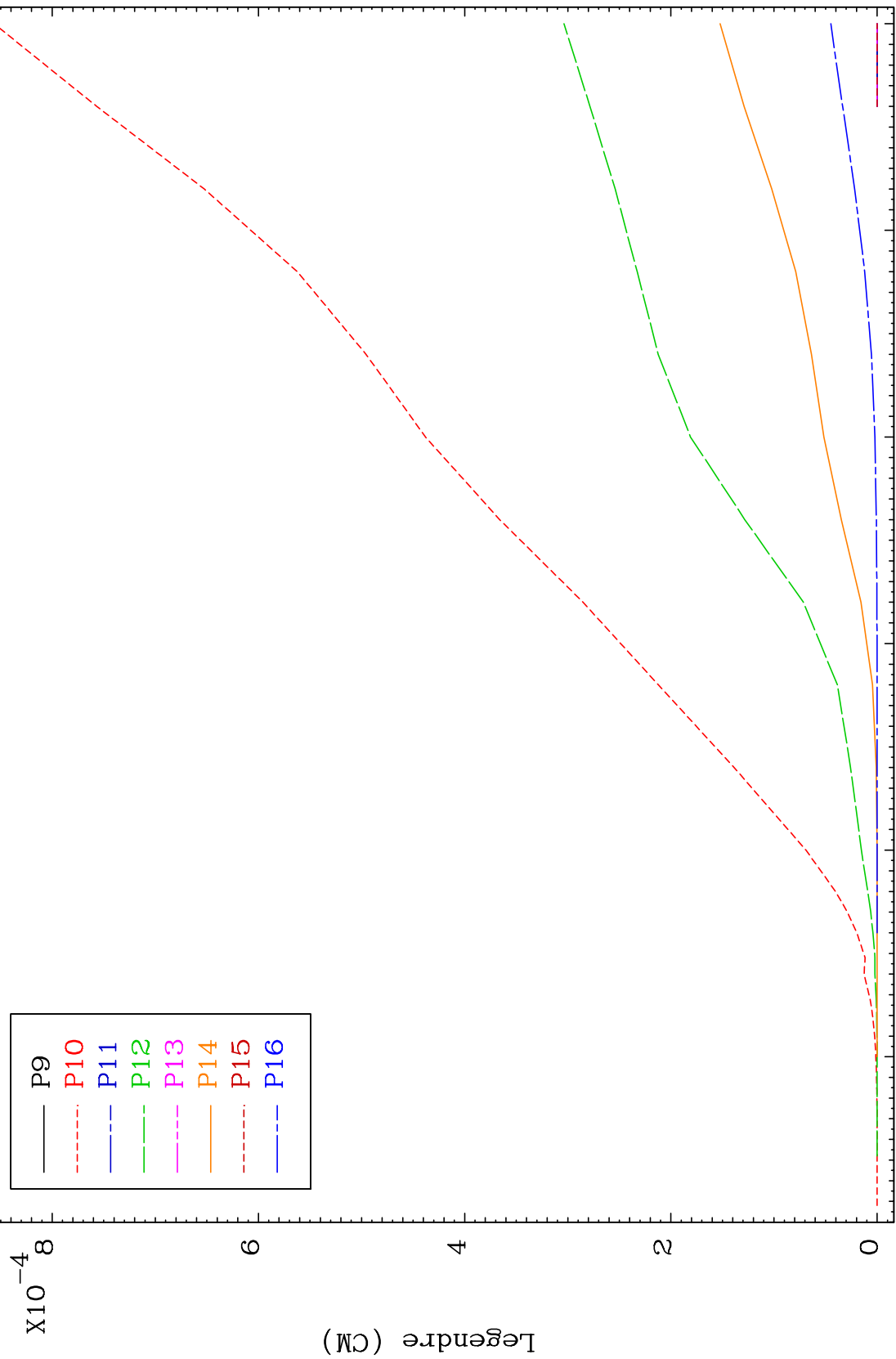
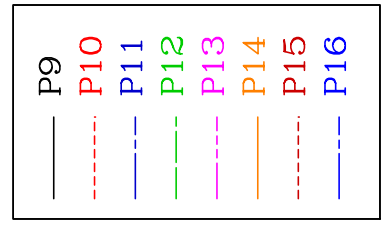
Incident Energy (MeV)

41-Nb-94

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Elastic Legendre Coefficients

41-Nb-94



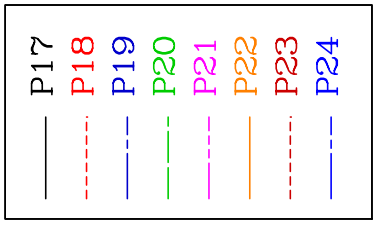
17

41-Nb-94

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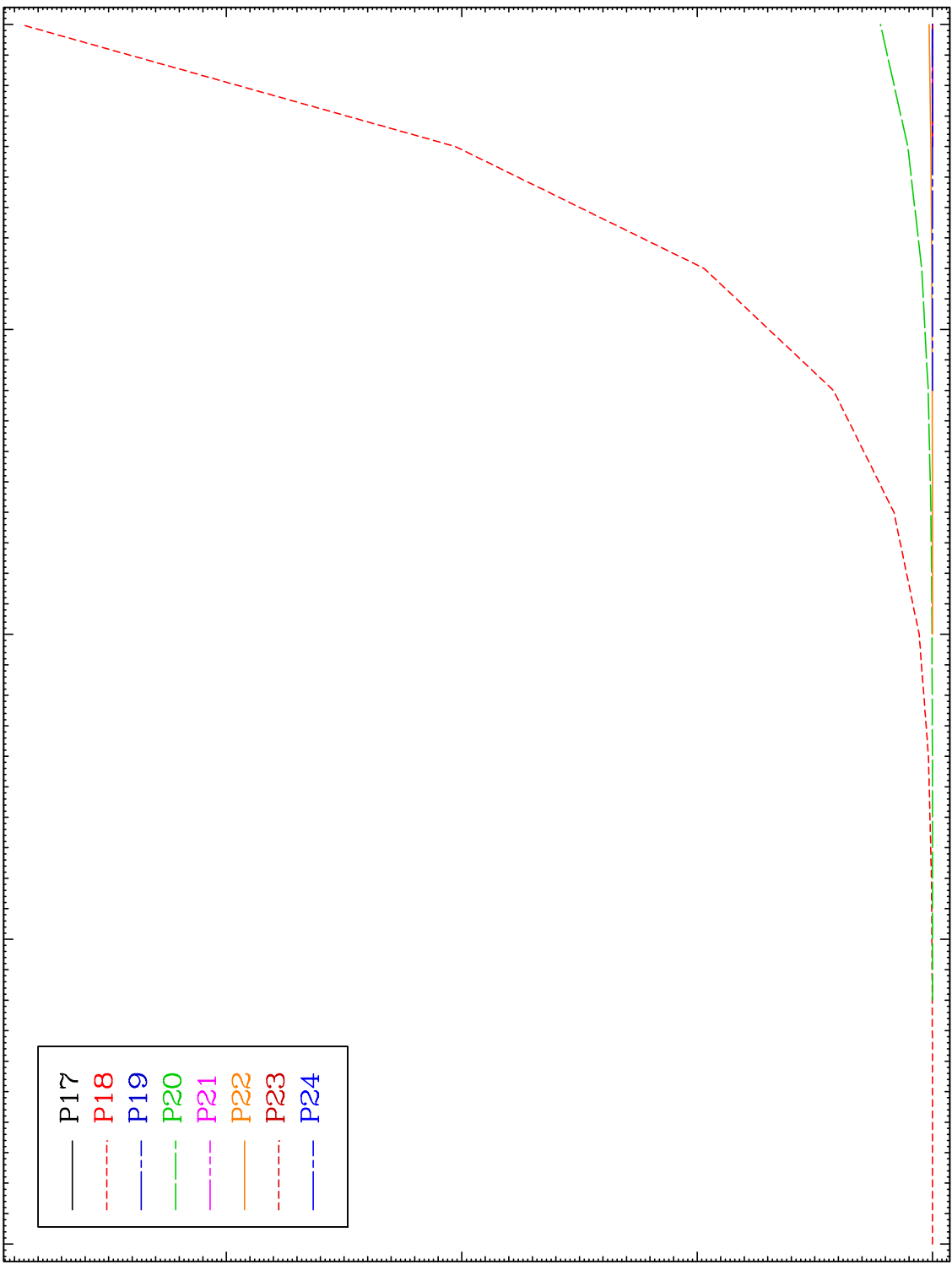
Elastic Legendre Coefficients

41-Nb-94



$\times 10^{-6}$

Legendre (CM)



18

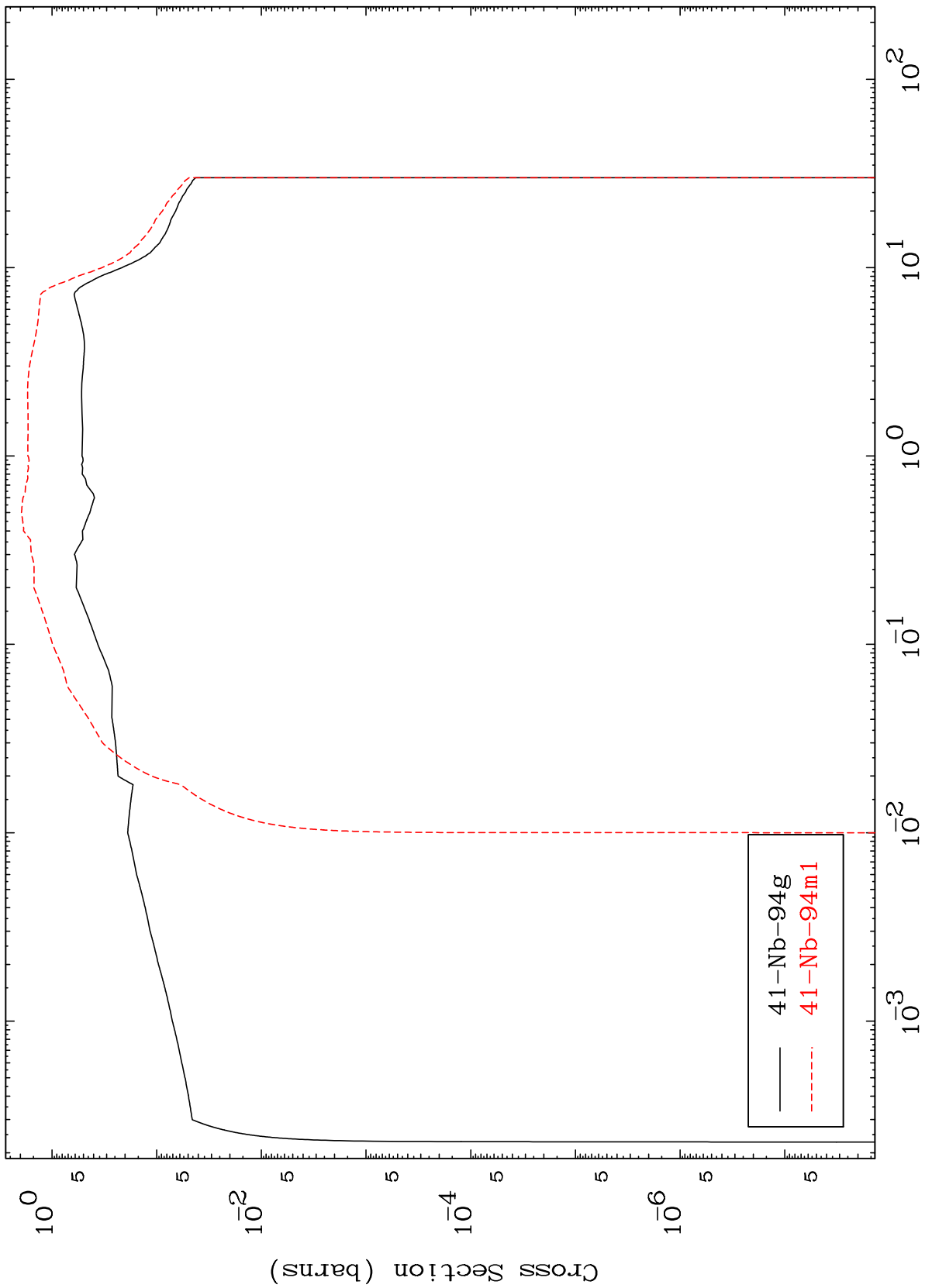
Incident Energy (MeV)

41-Nb-94

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41-Nb-94

Inelastic
Radionuclide Production Cross Section



— 41-Nb-94g
- - - 41-Nb-94m1

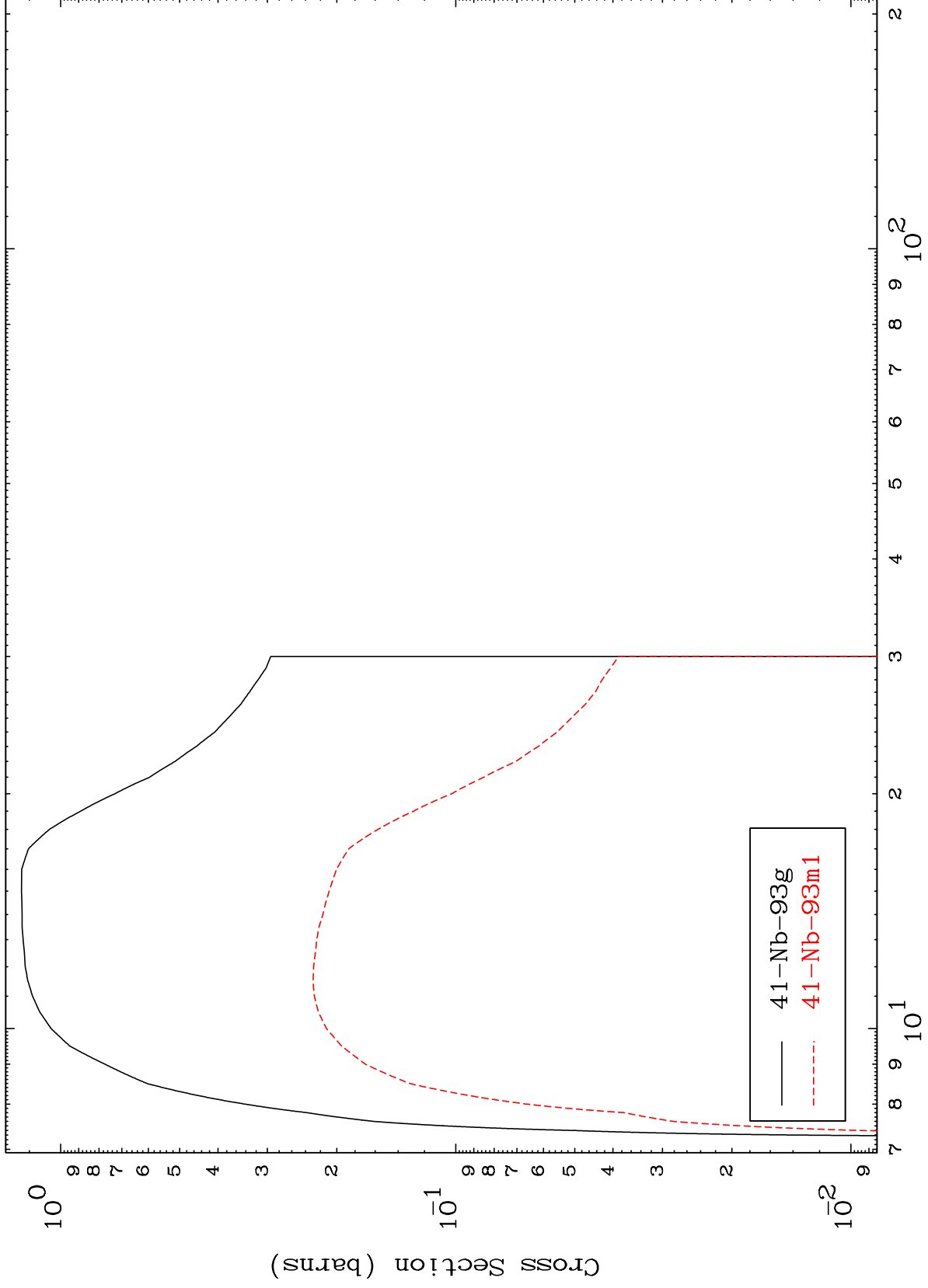
41-Nb-94

Incident Energy (MeV)

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41-Nb-94

(n,2n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

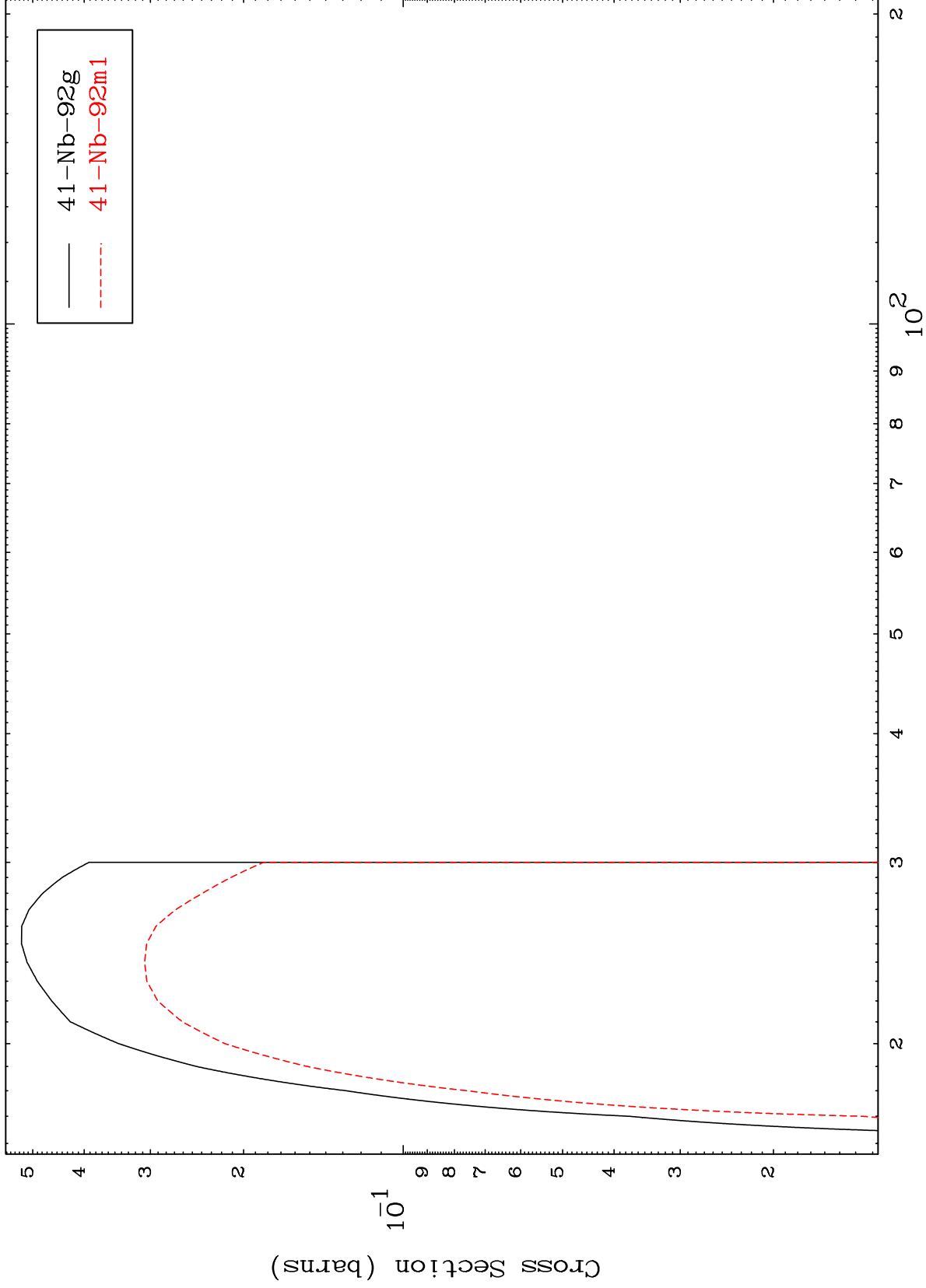
41-Nb-94

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(n,3n)

41-Nb-94

Radionuclide Production Cross Section



21

Incident Energy (MeV)

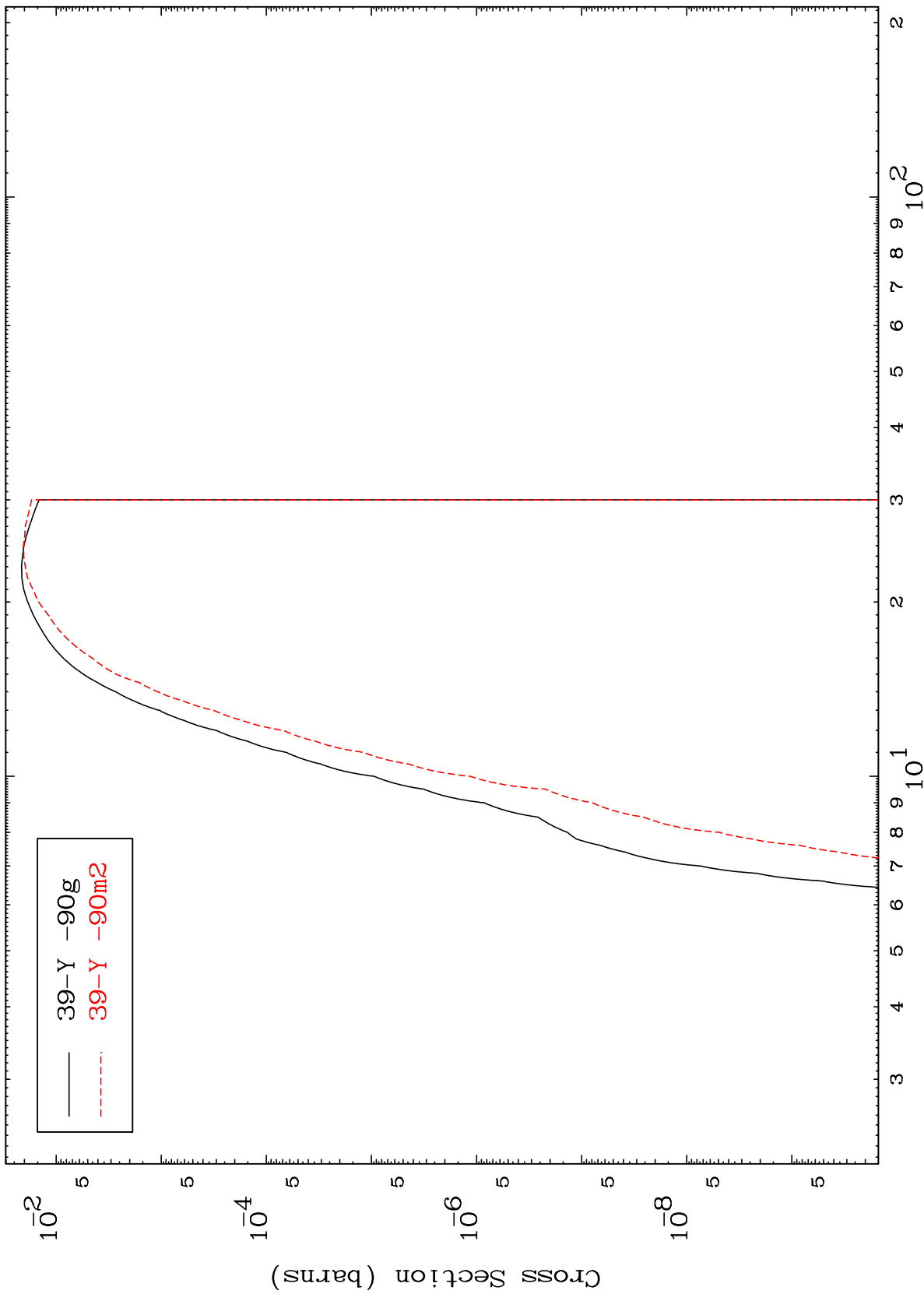
41-Nb-94

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41-Nb-94

(n,n') α

Radionuclide Production Cross Section



— 39-Y -90g
- - - 39-Y -90m2

41-Nb-94

Incident Energy (MeV)

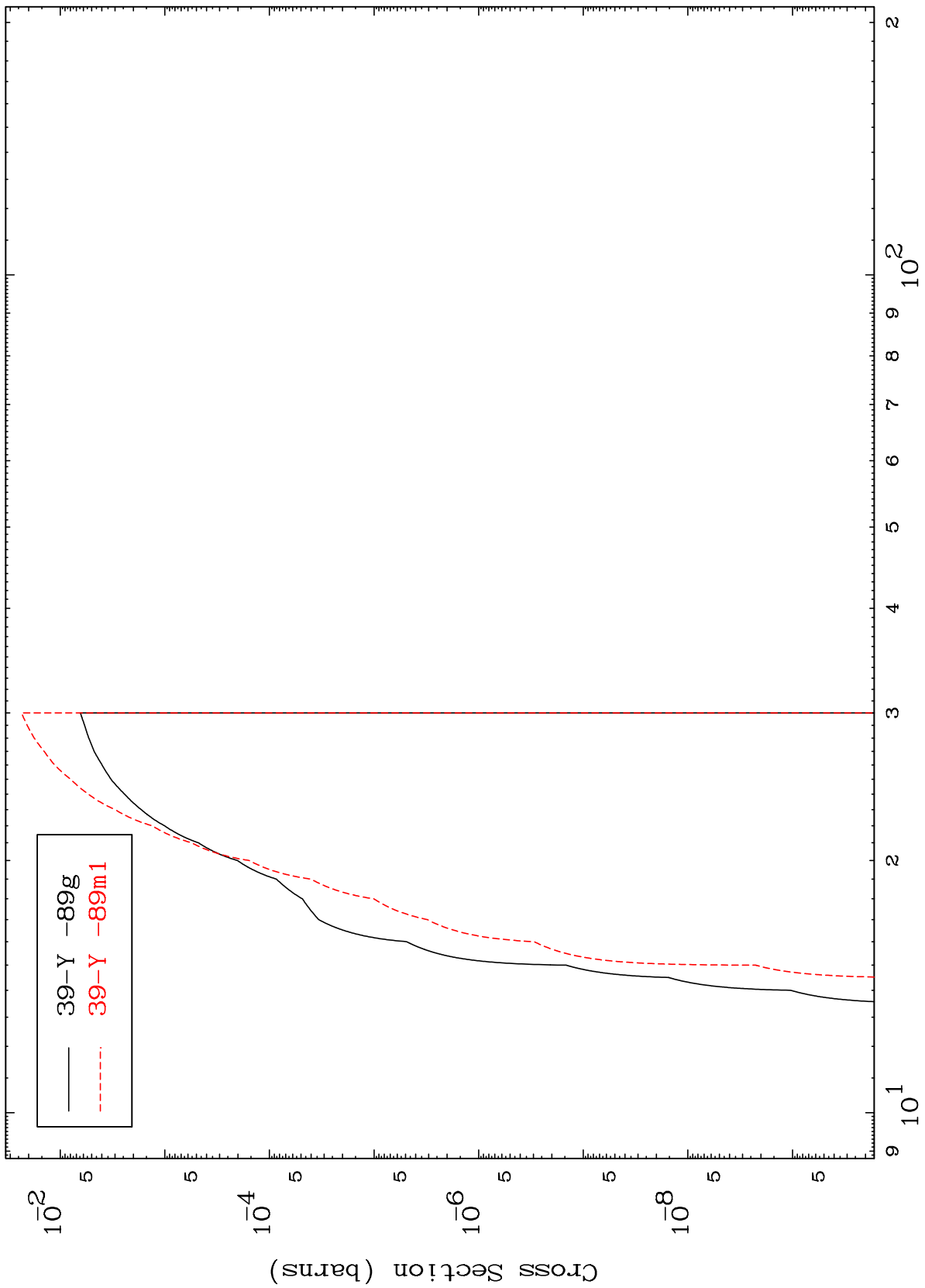
22

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(n,2n) α

41-Nb-94

Radionuclide Production Cross Section



— 39-Y -89g
- - - 39-Y -89m1

23

Incident Energy (MeV)

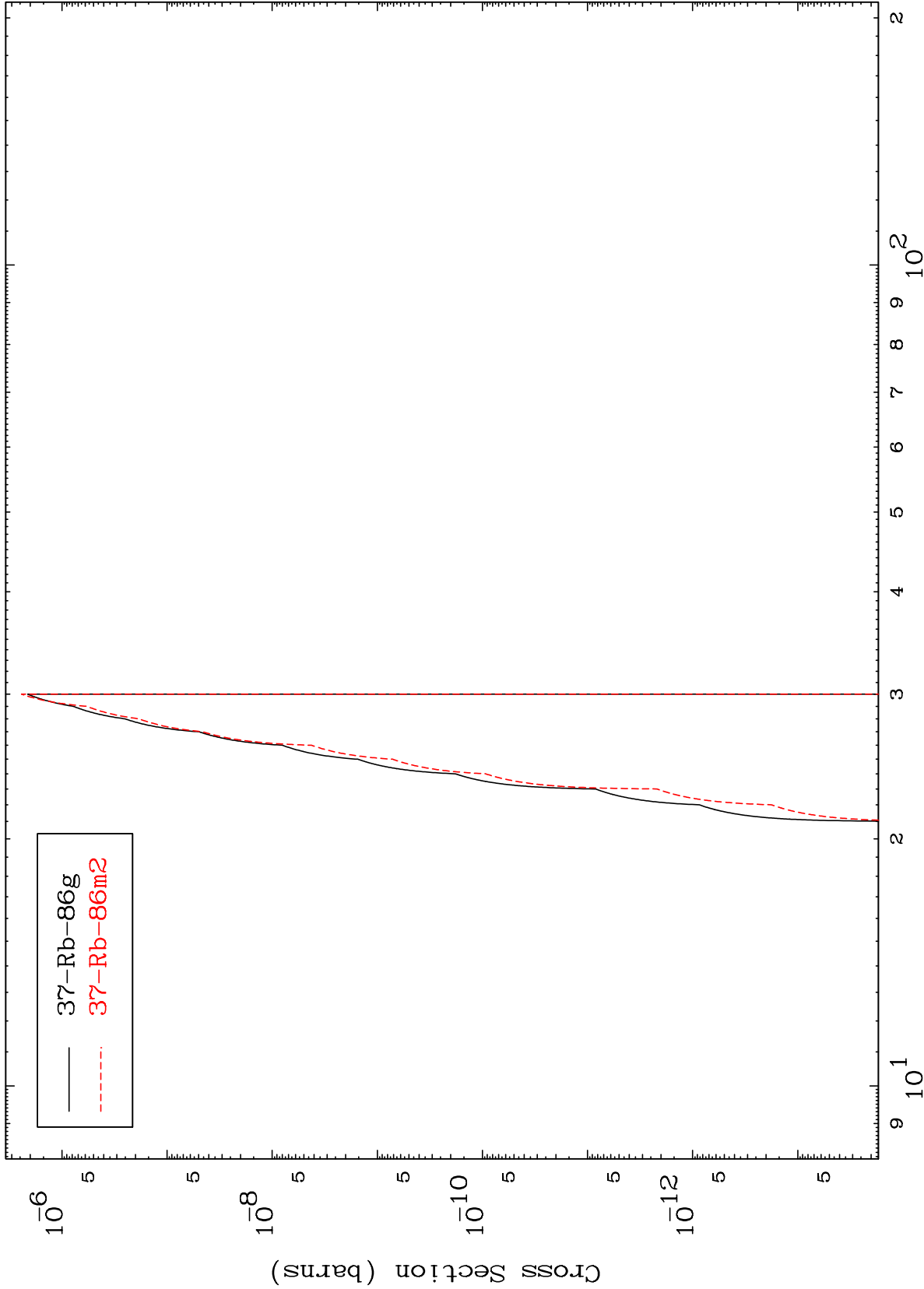
41-Nb-94

MAT 4129

(n,n') 2α

41-Nb-94

Radionuclide Production Cross Section



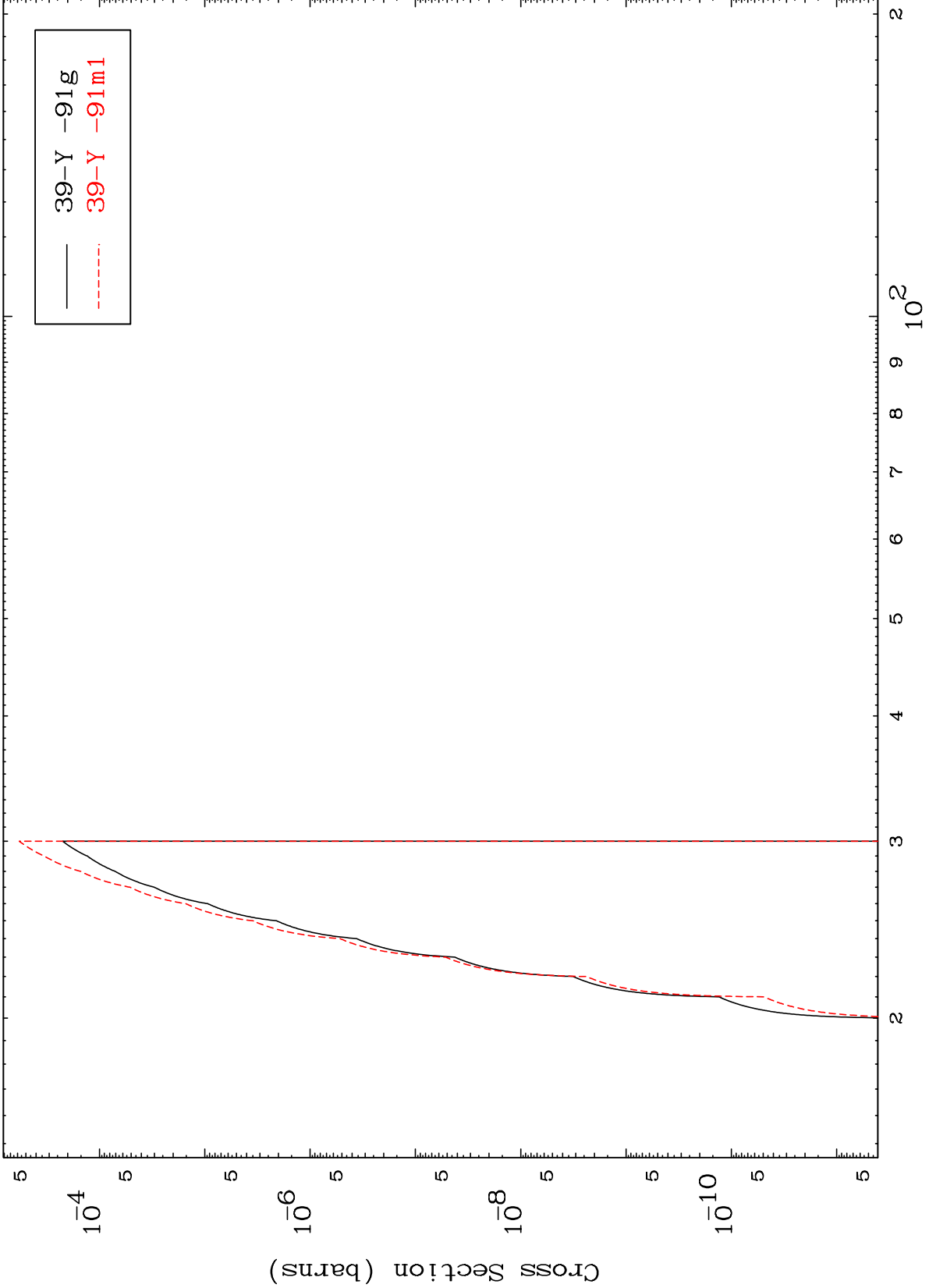
— 37-Rb-86g
- - - 37-Rb-86m2

24

Incident Energy (MeV)

41-Nb-94

Radionuclide Production Cross Section

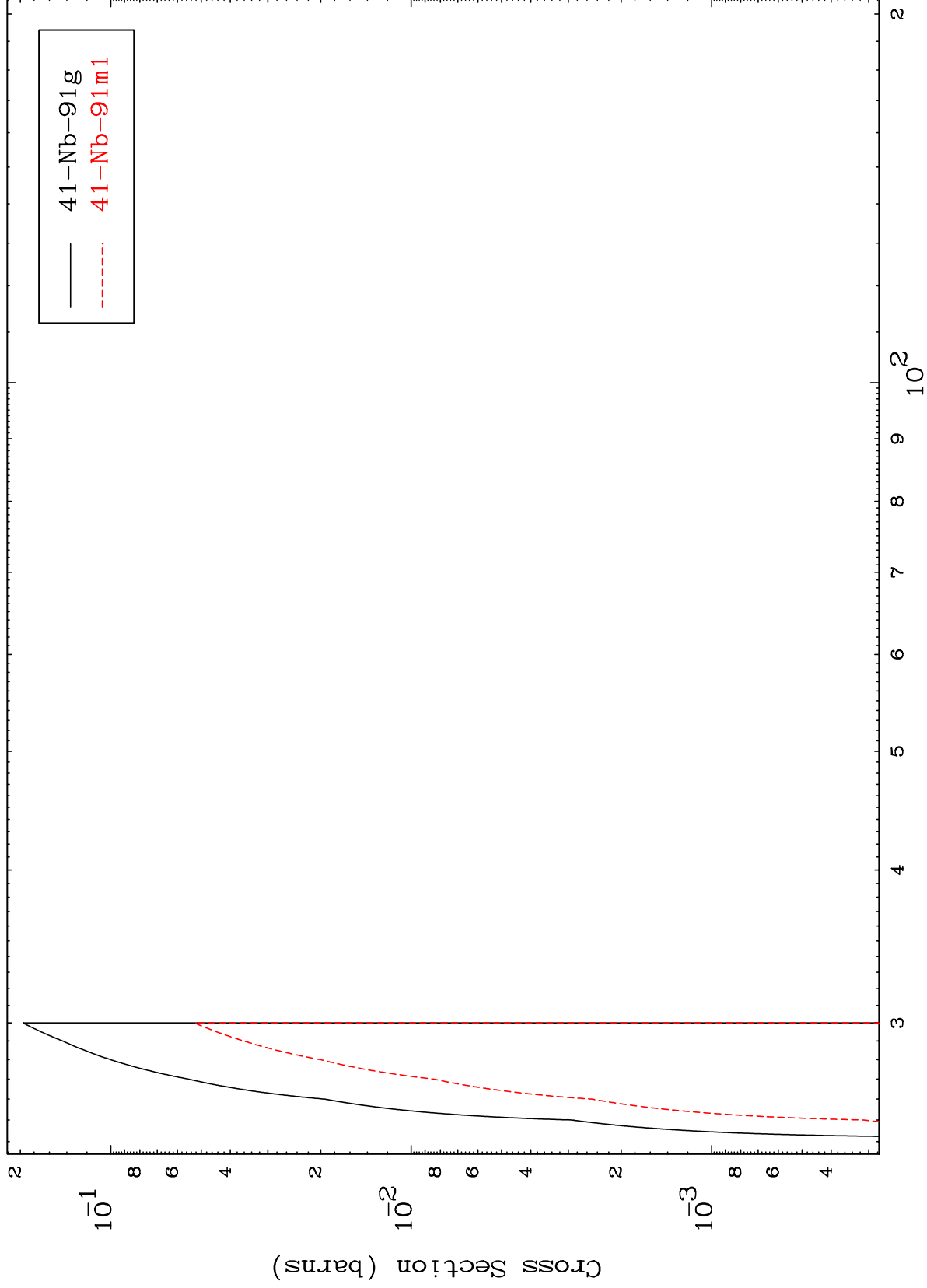


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(n,4n)

41-Nb-94

Radionuclide Production Cross Section



26

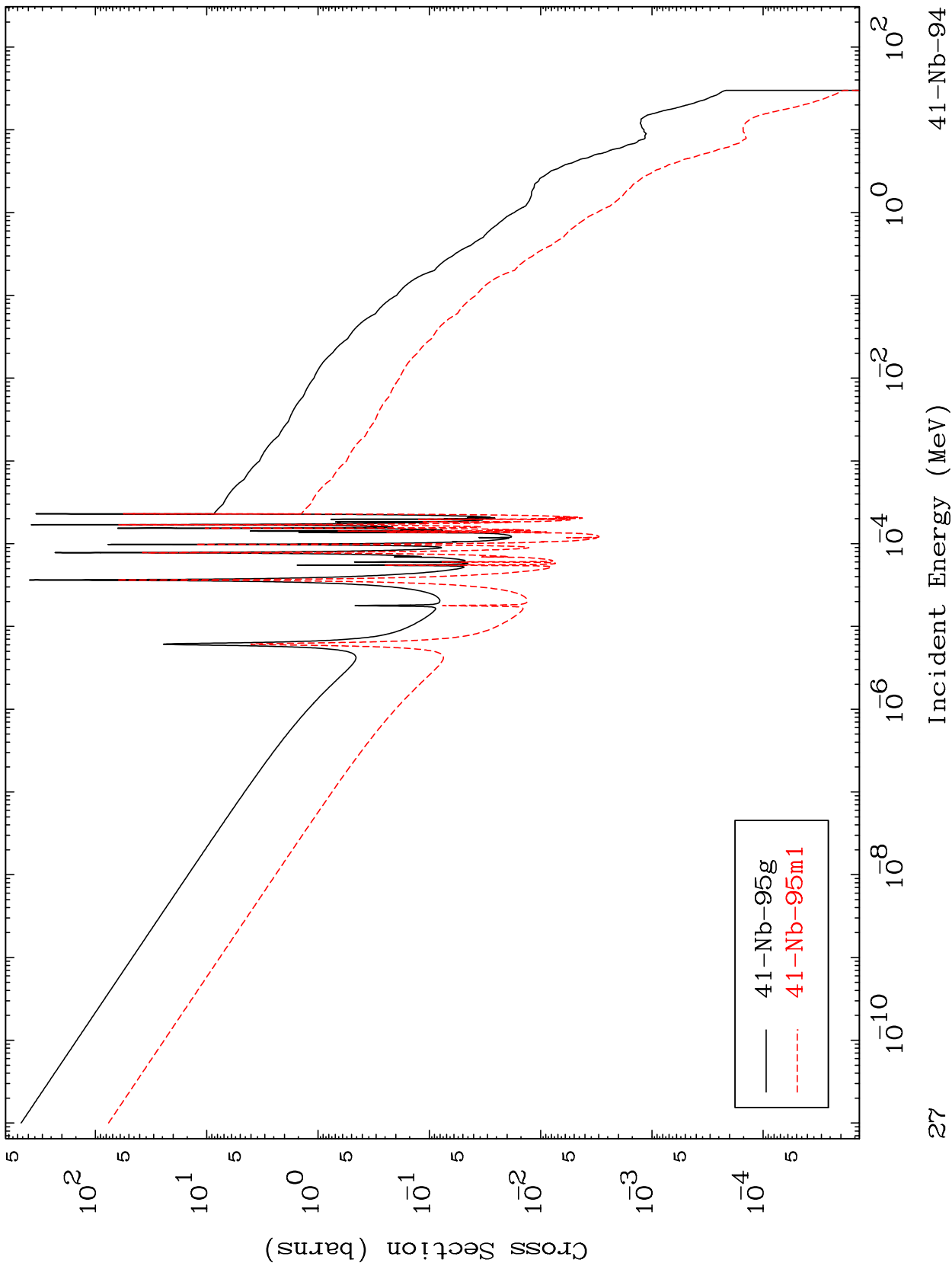
Incident Energy (MeV)

41-Nb-94

MAT 4129

41-Nb-94

(n, γ)
Radionuclide Production Cross Section



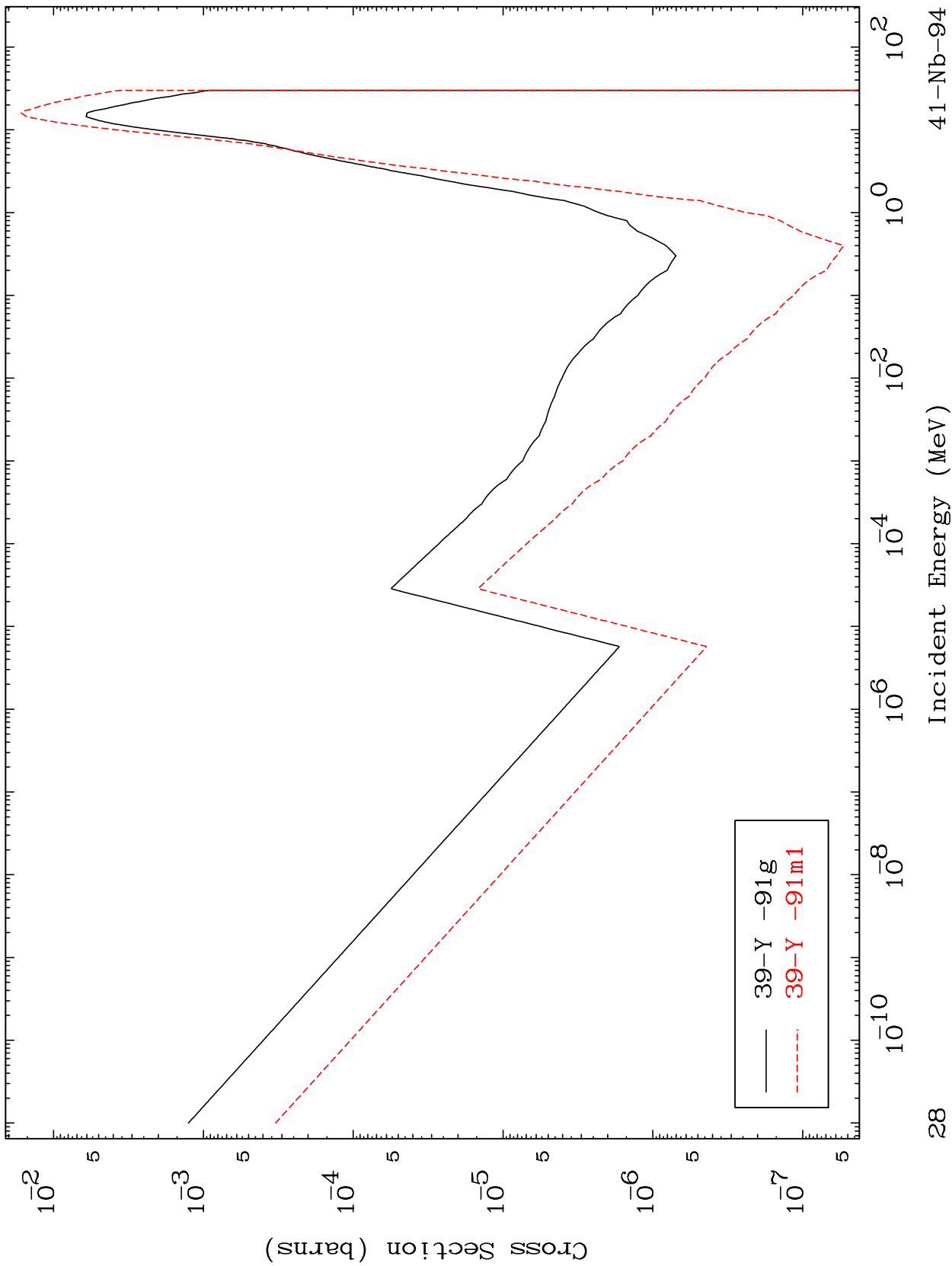
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41-Nb-94

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41-Nb-94

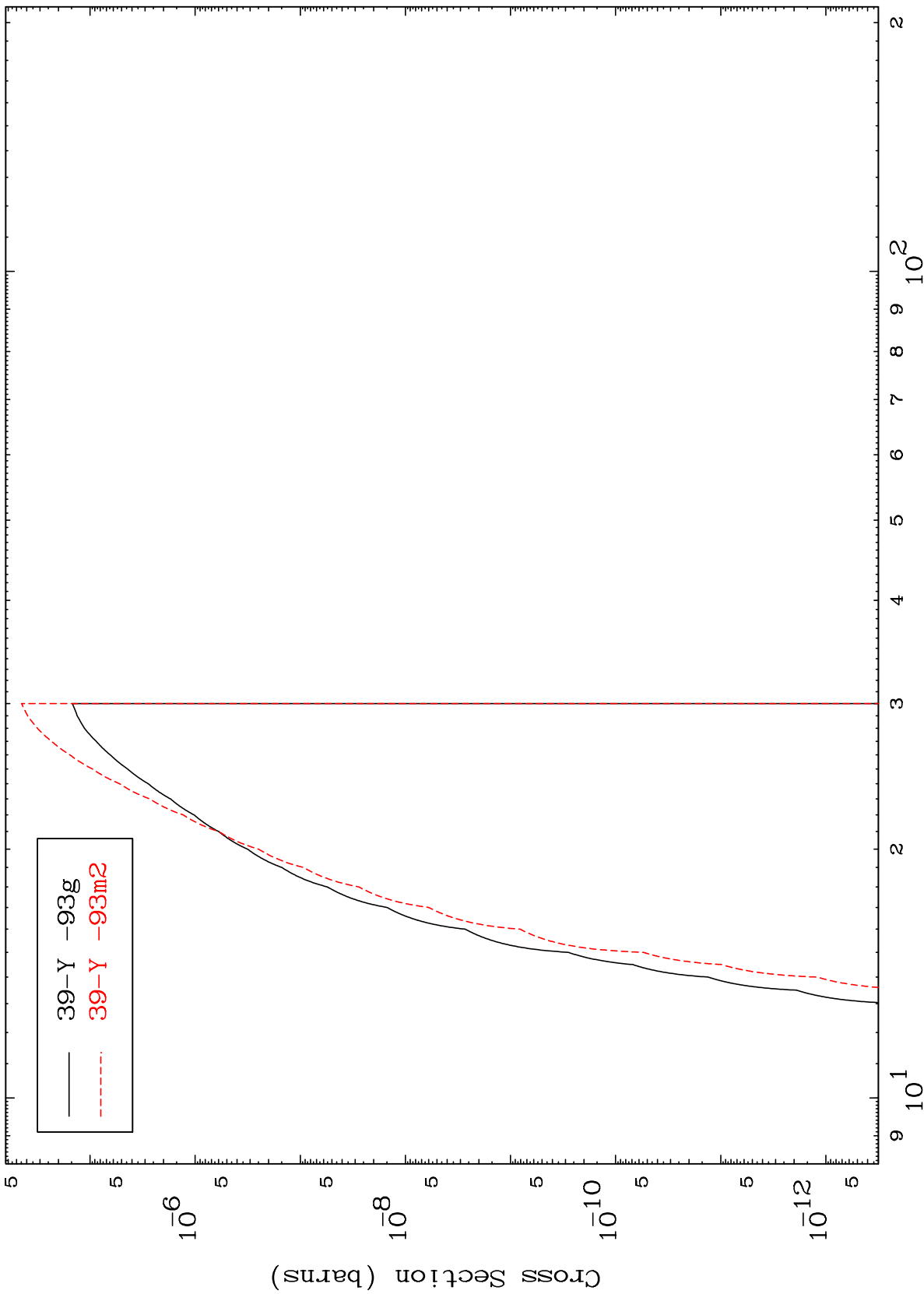
Radionuclide Production Cross Section
(n, α)



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41-Nb-94

(n,2p)
Radionuclide Production Cross Section



— 39-Y -93g
- - - 39-Y -93m2

41-Nb-94

Incident Energy (MeV)

29

Radionuclide Production Cross Section

