

Program EVALPLOT
(Version 2018-1)

by

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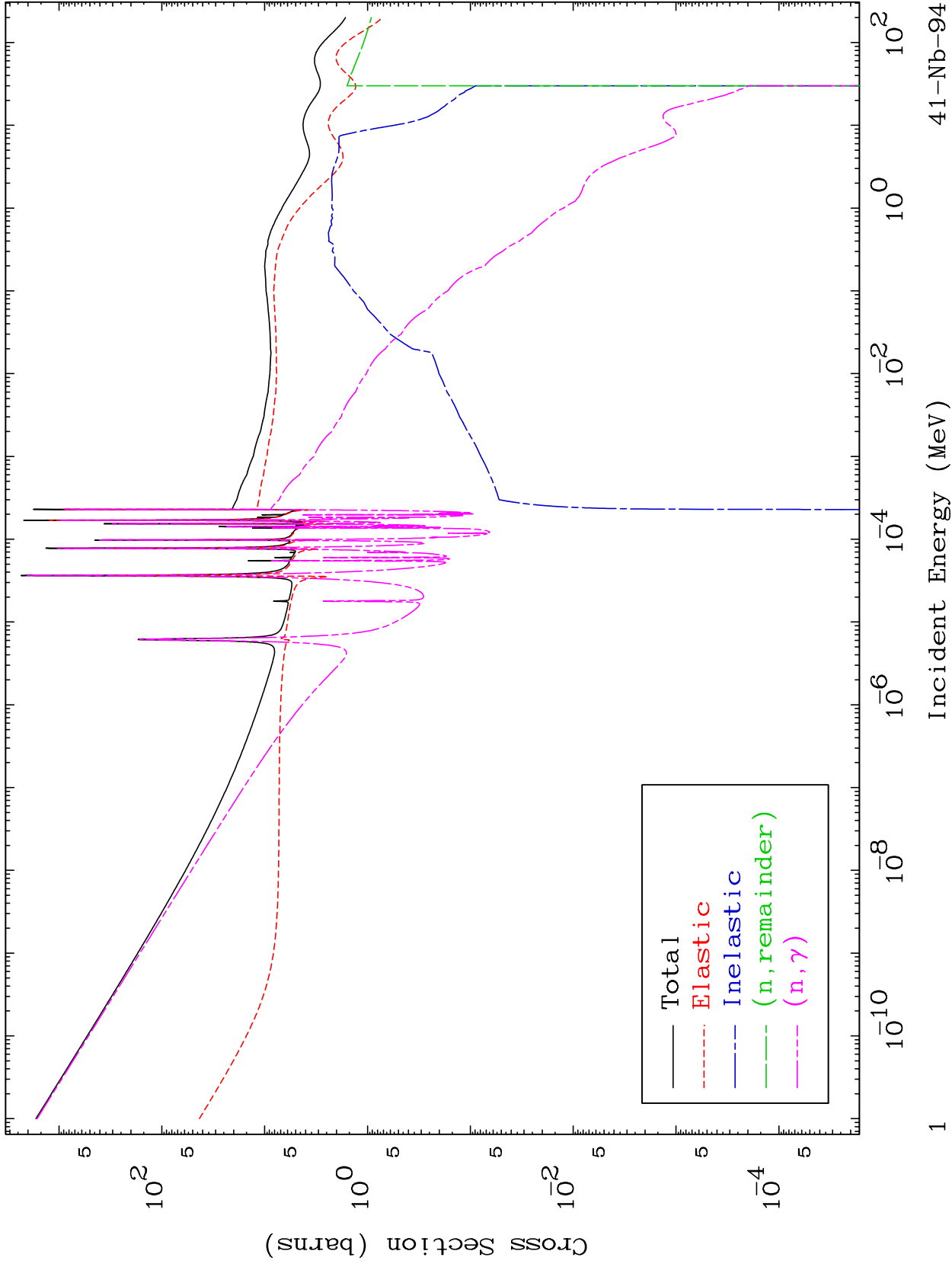
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

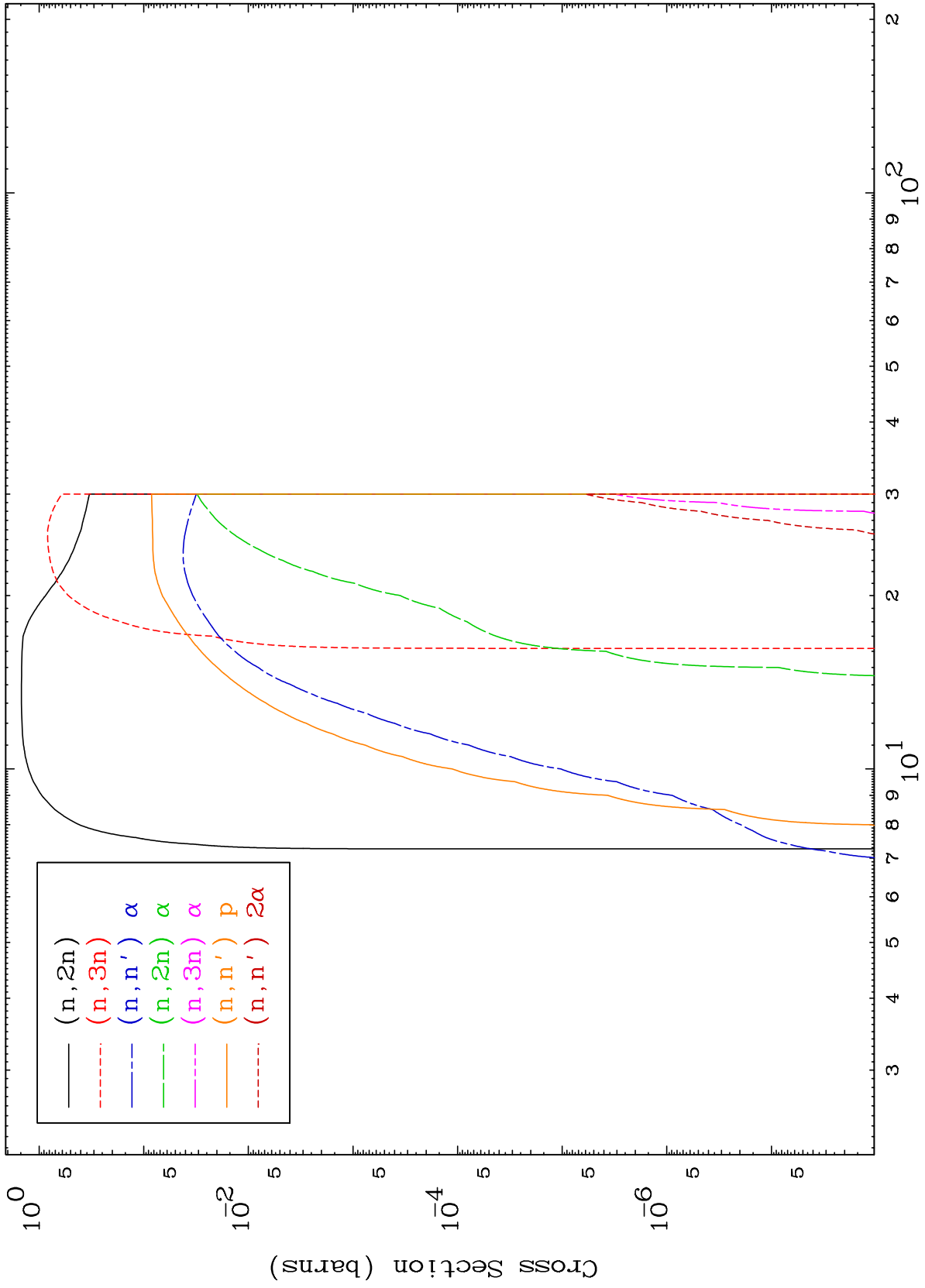
MAT 4129

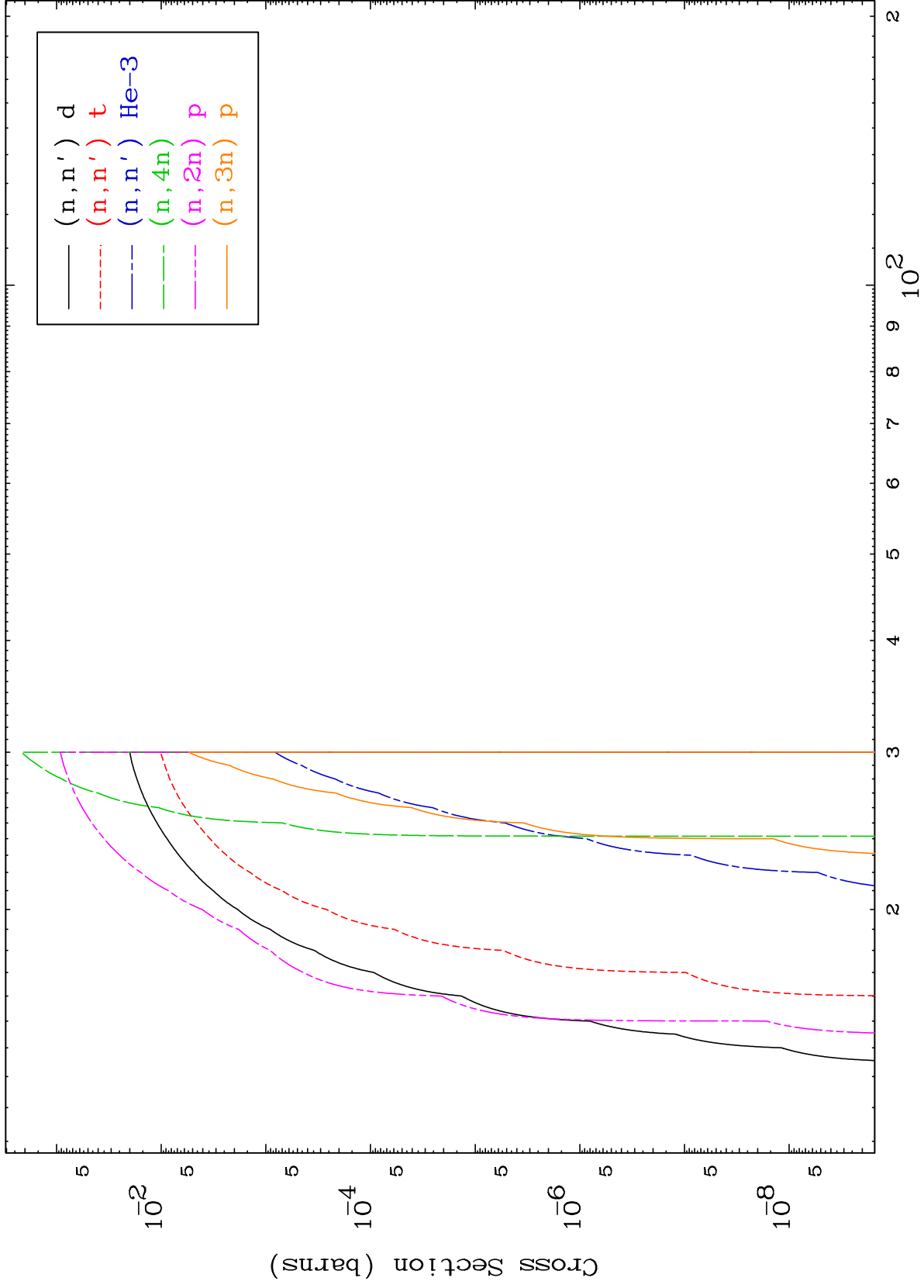
Major
293 Kelvin Cross Sections

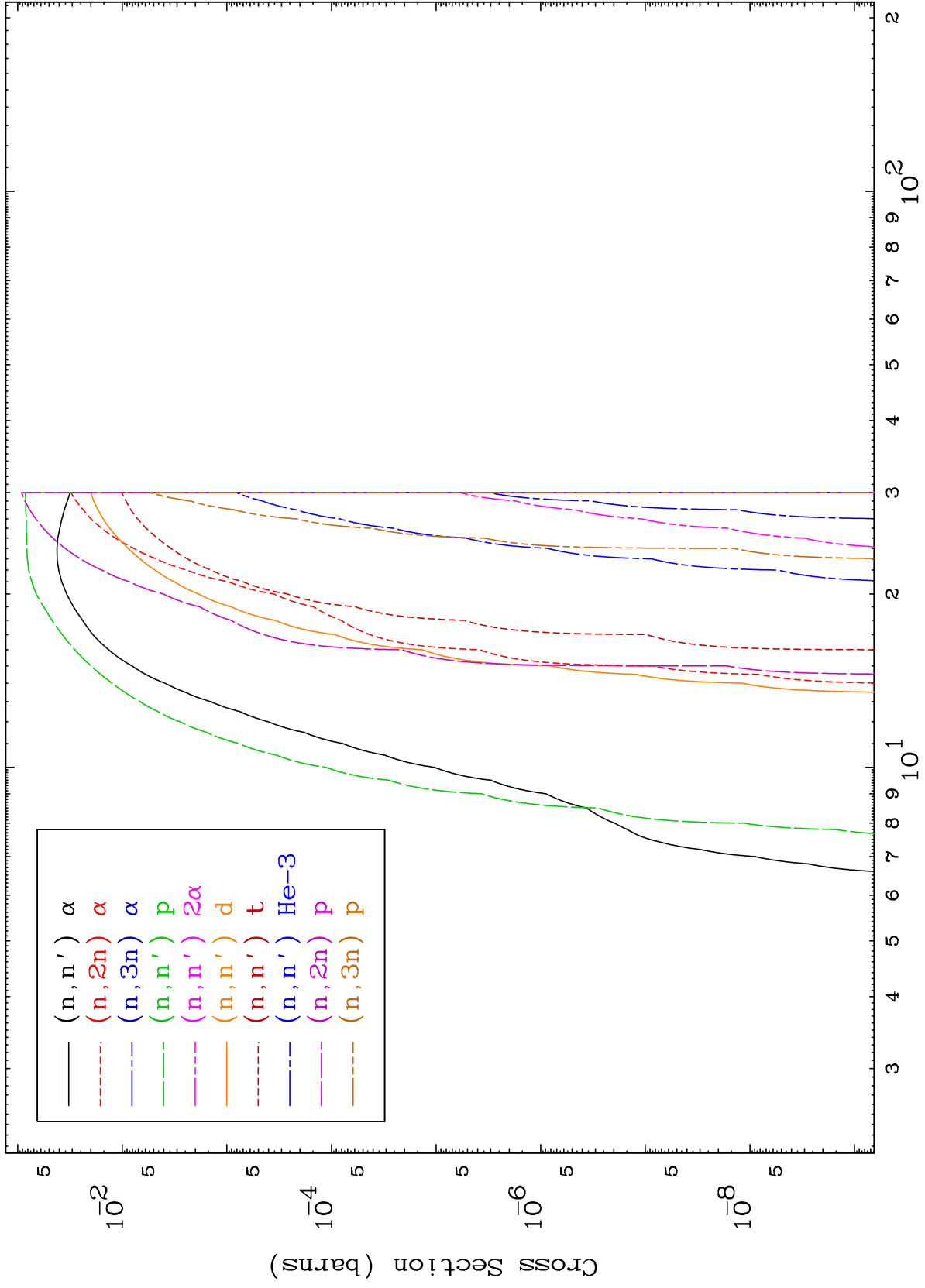
41-Nb-94

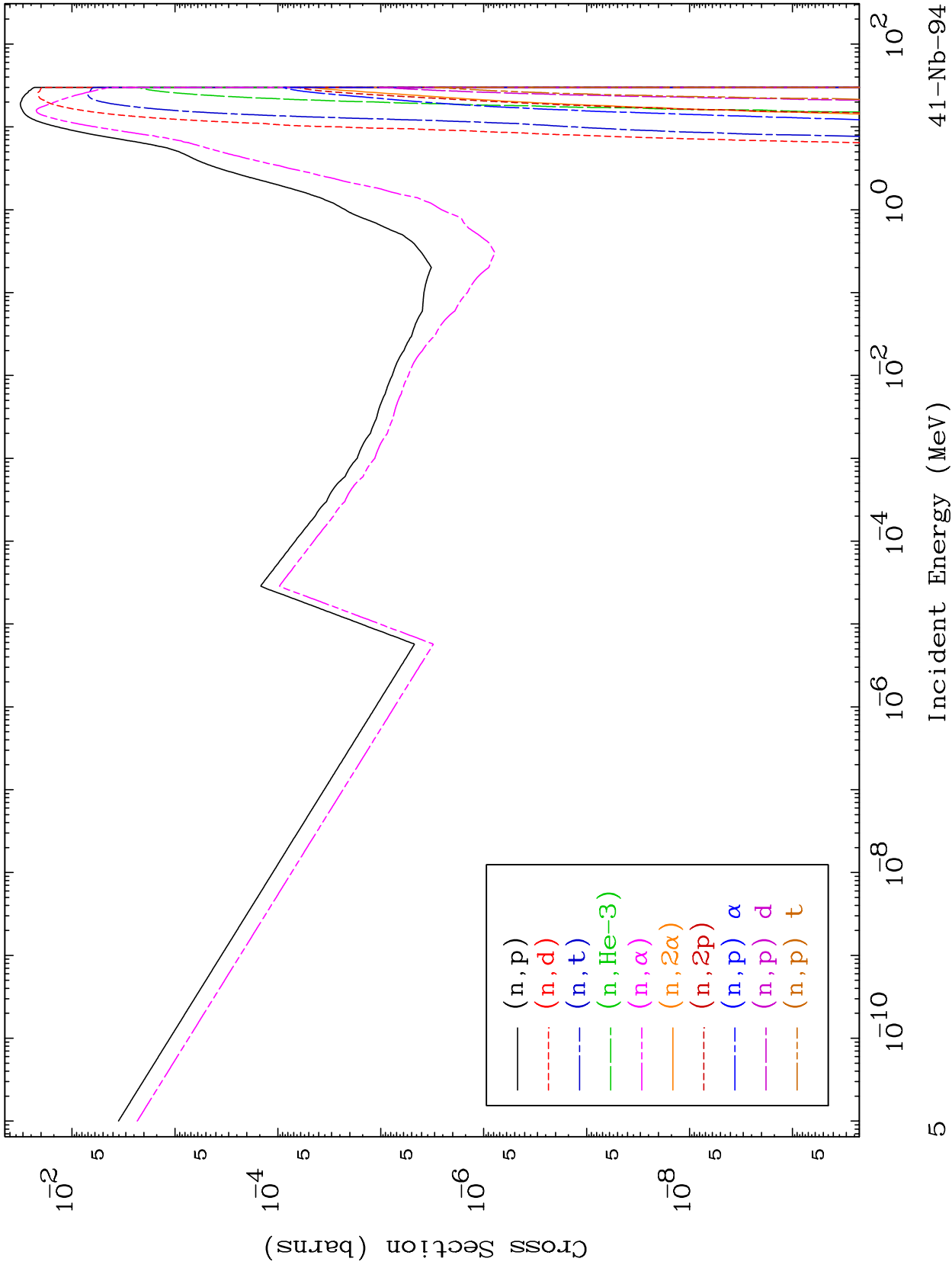


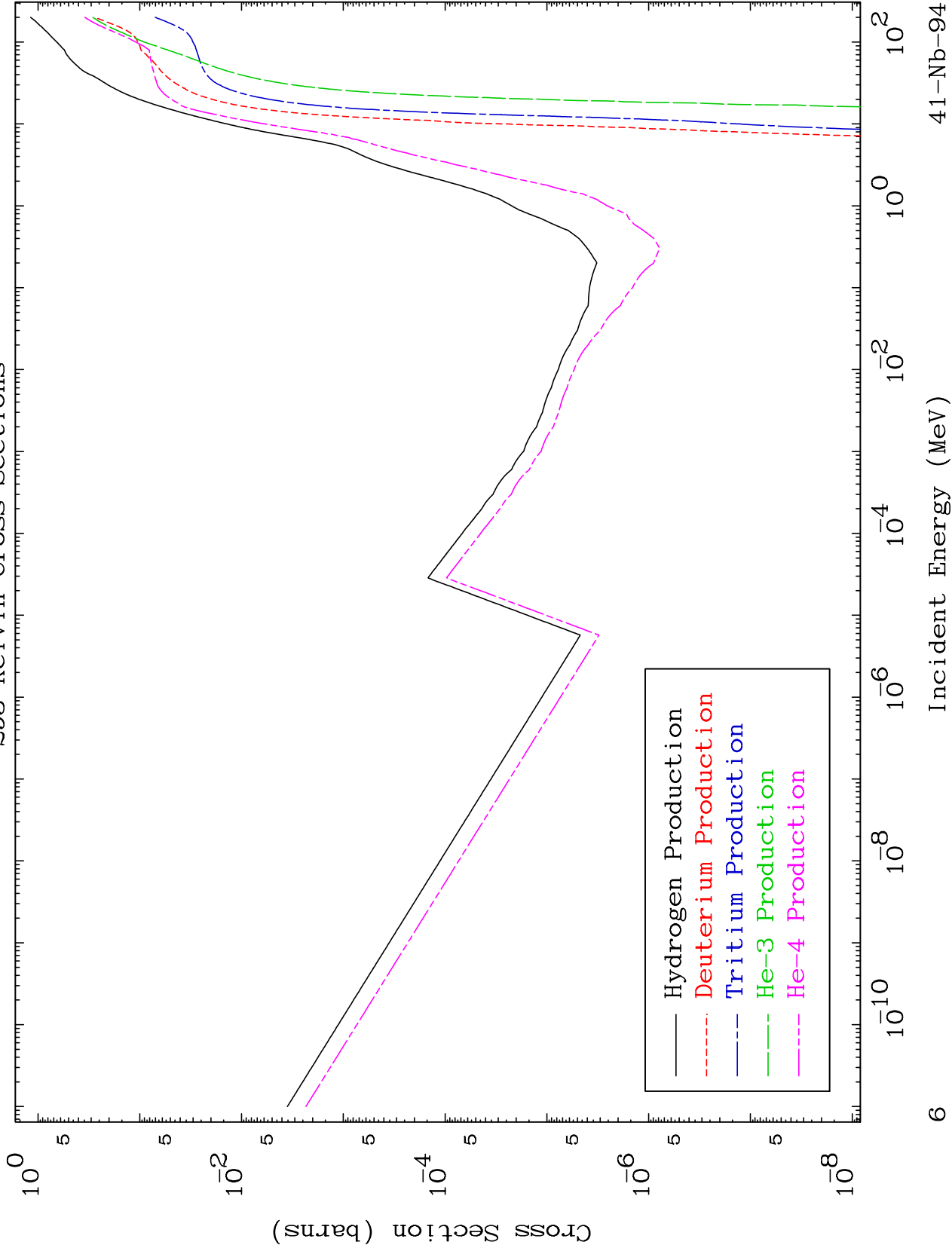
Neutron Production
293 Kelvin Cross Sections

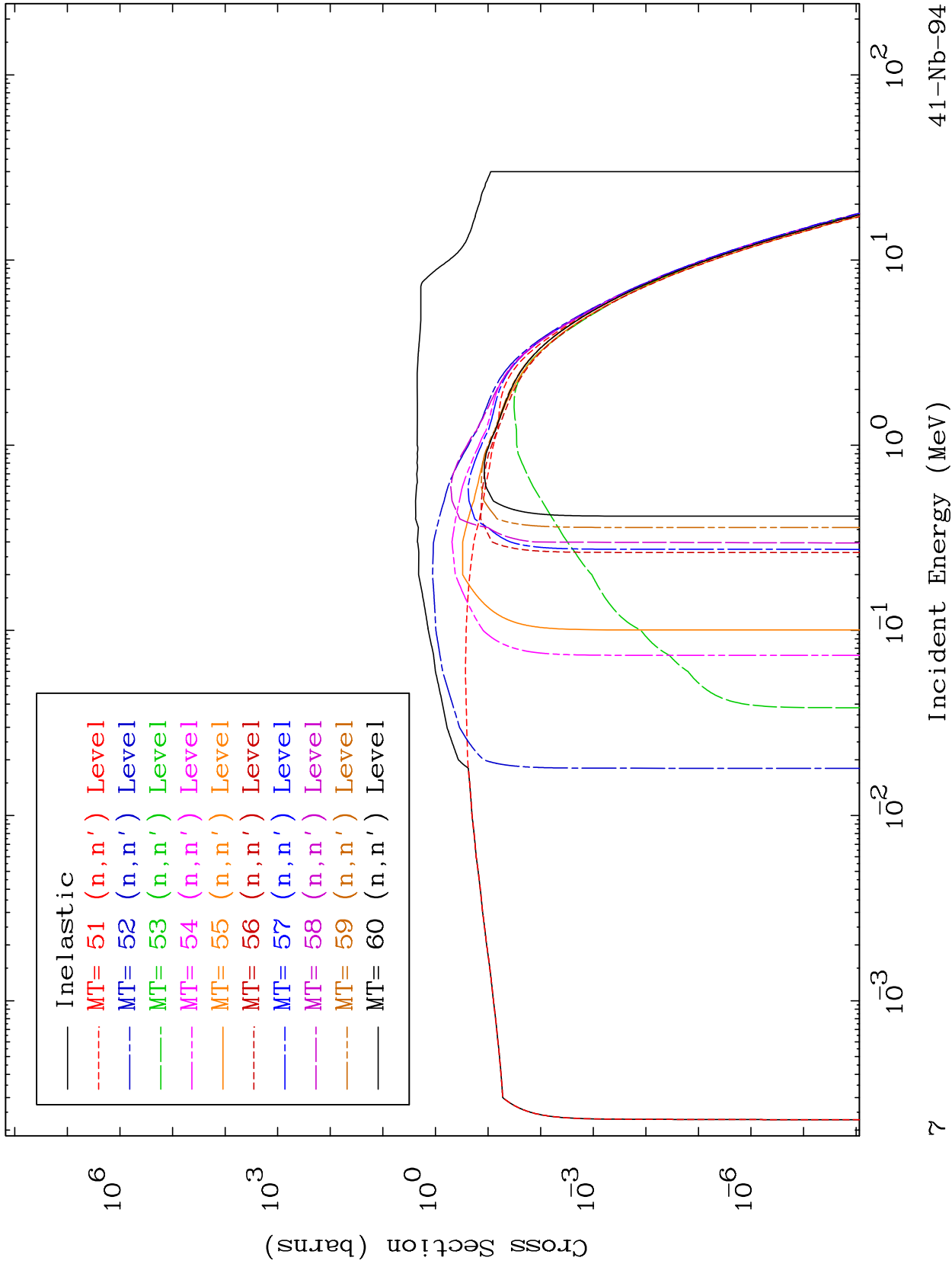










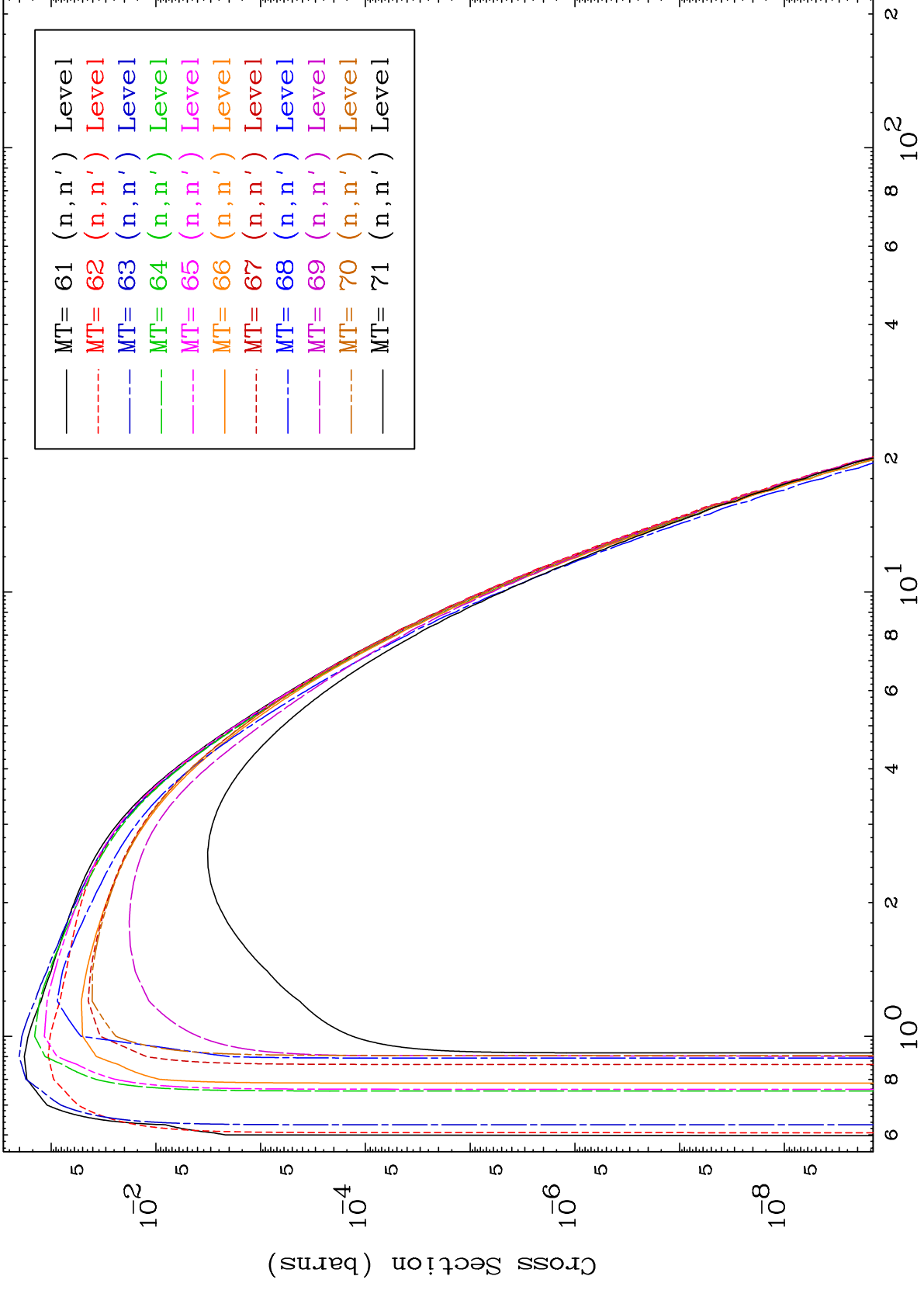


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(n,n') Level

41-Nb-94

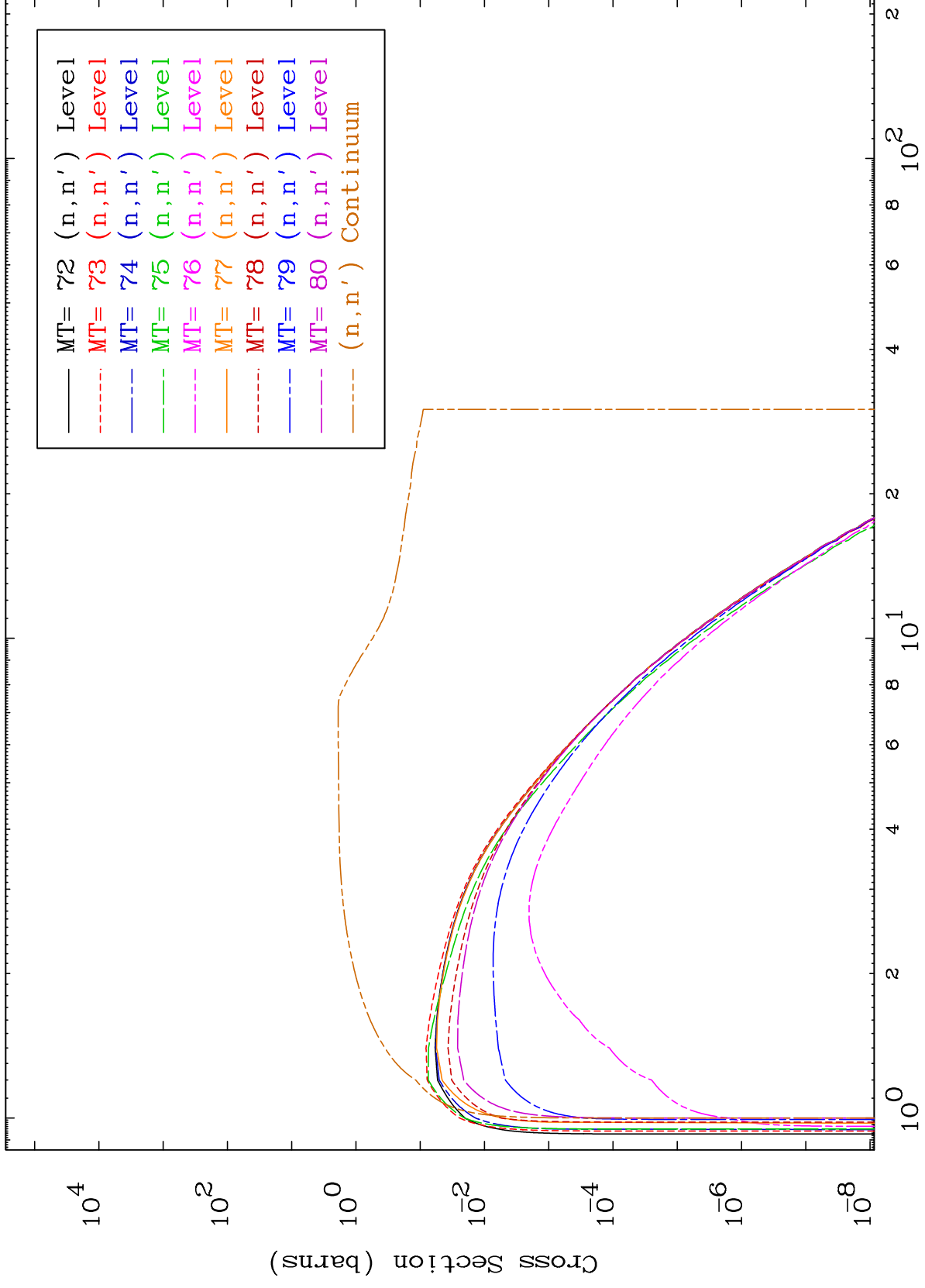
293 Kelvin Cross Sections



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Incident Energy (MeV)

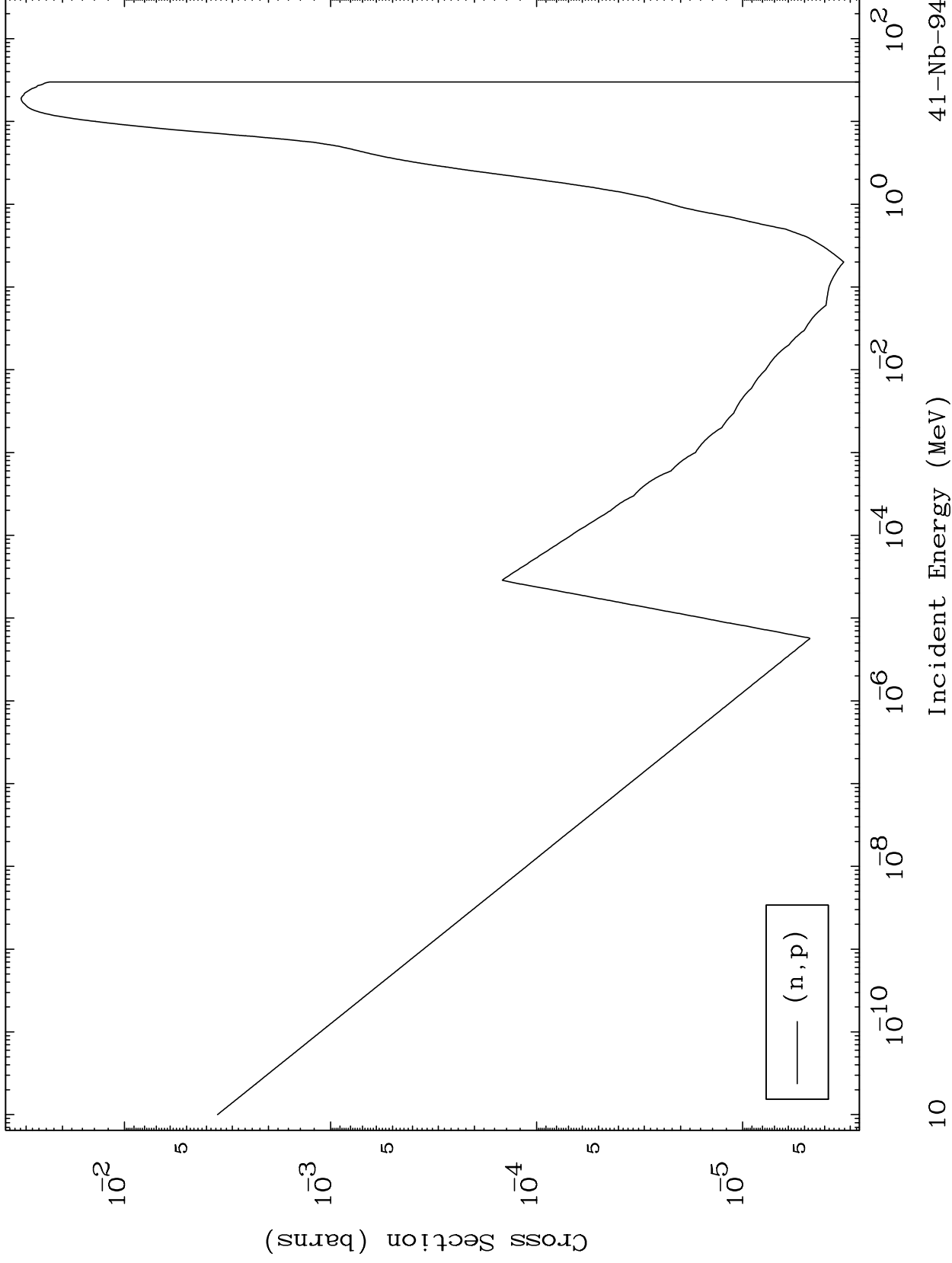
41-Nb-94

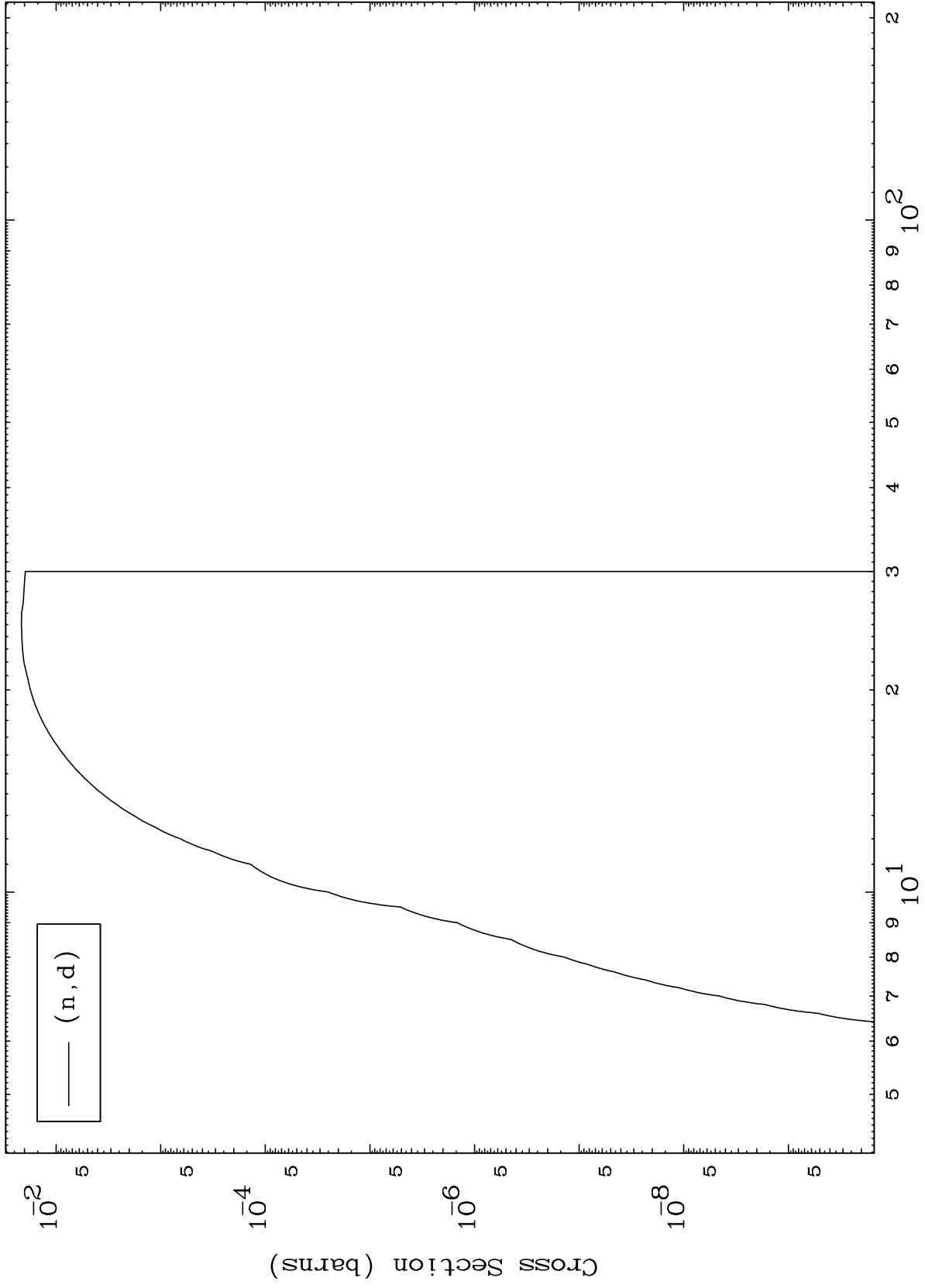


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(n,p) Levels
293 Kelvin Cross Sections

41-Nb-94

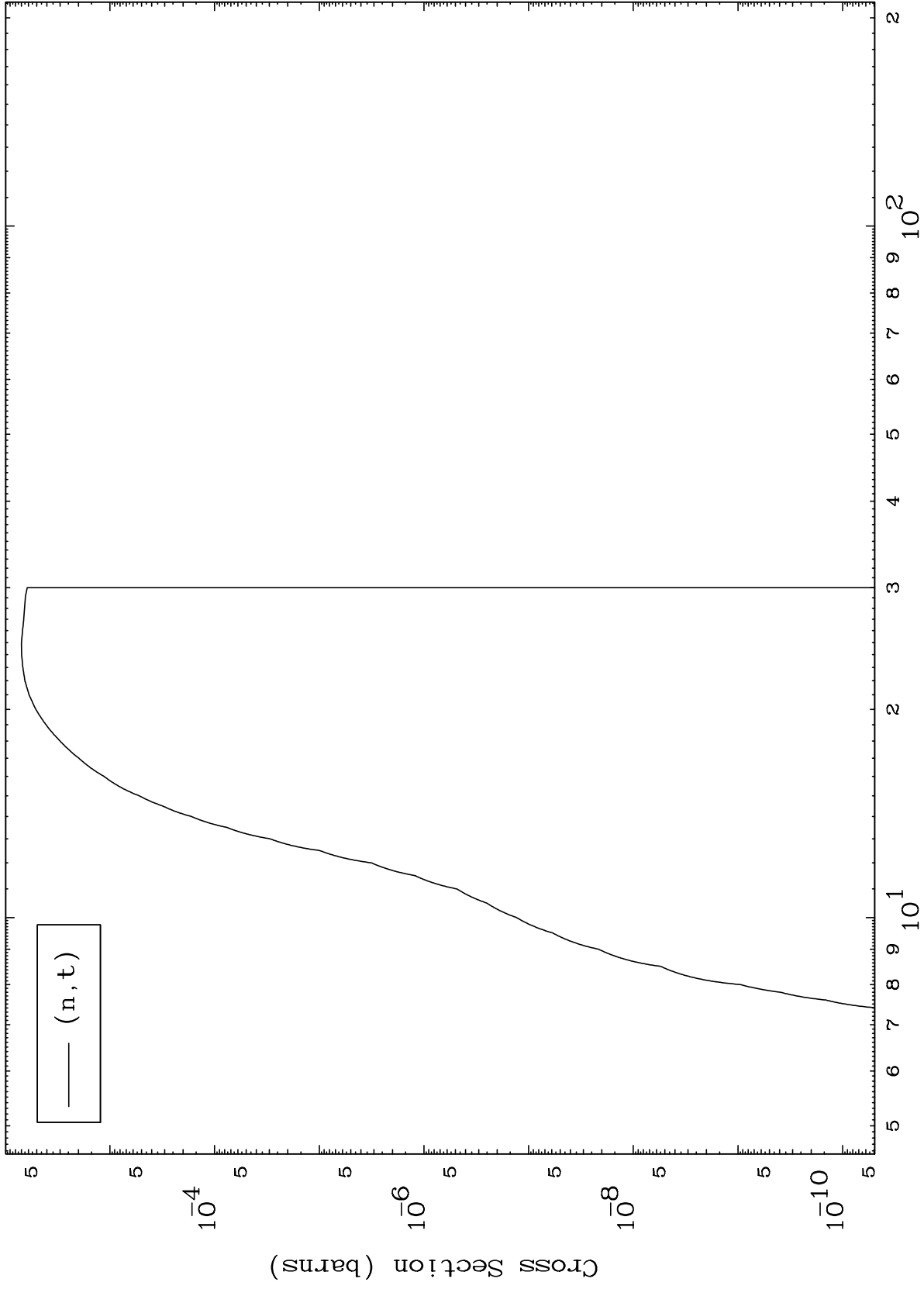




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(n,t) Levels
293 Kelvin Cross Sections

41-Nb-94



12

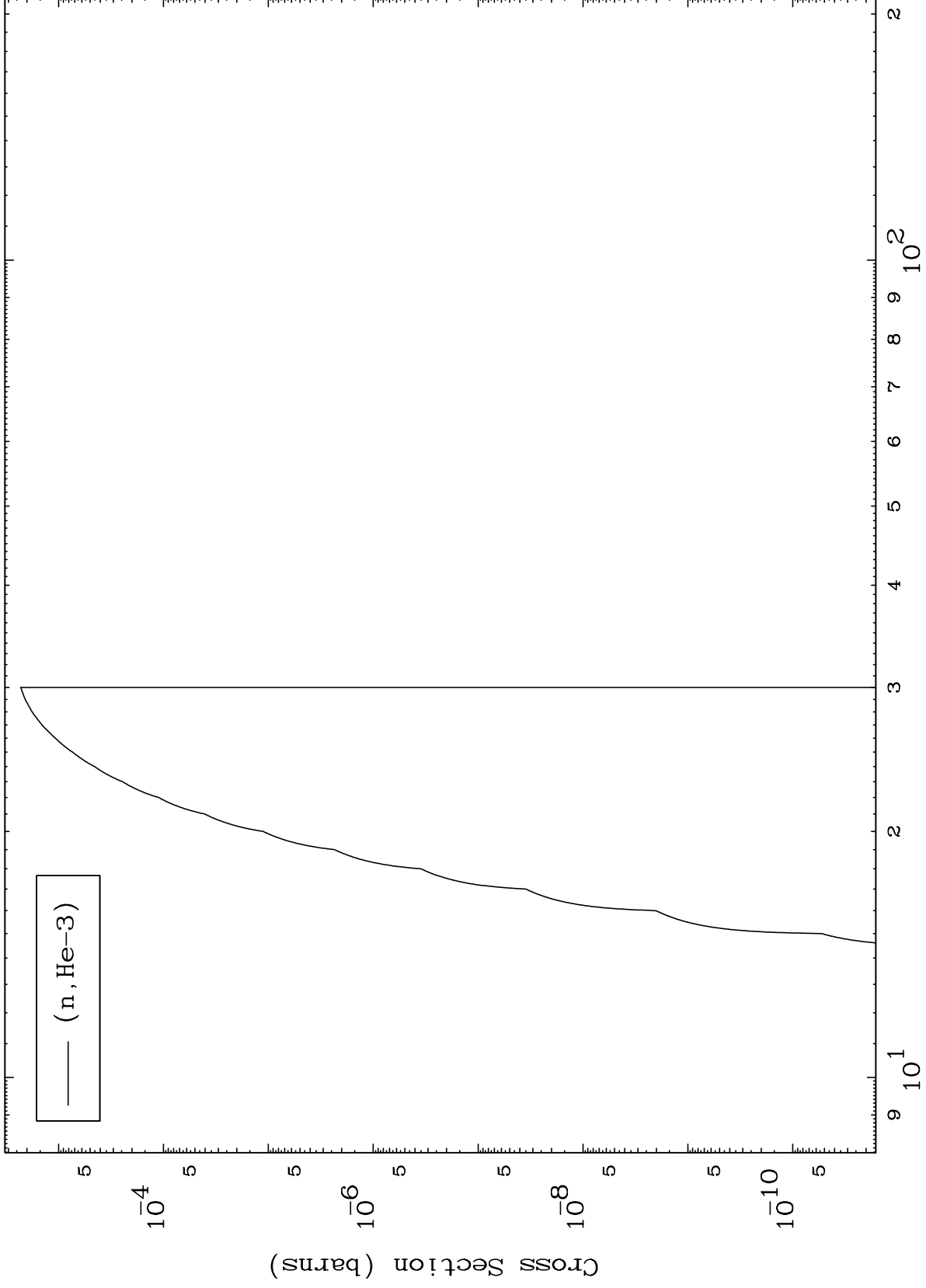
Incident Energy (MeV)

41-Nb-94

MAT 4129

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-94



13

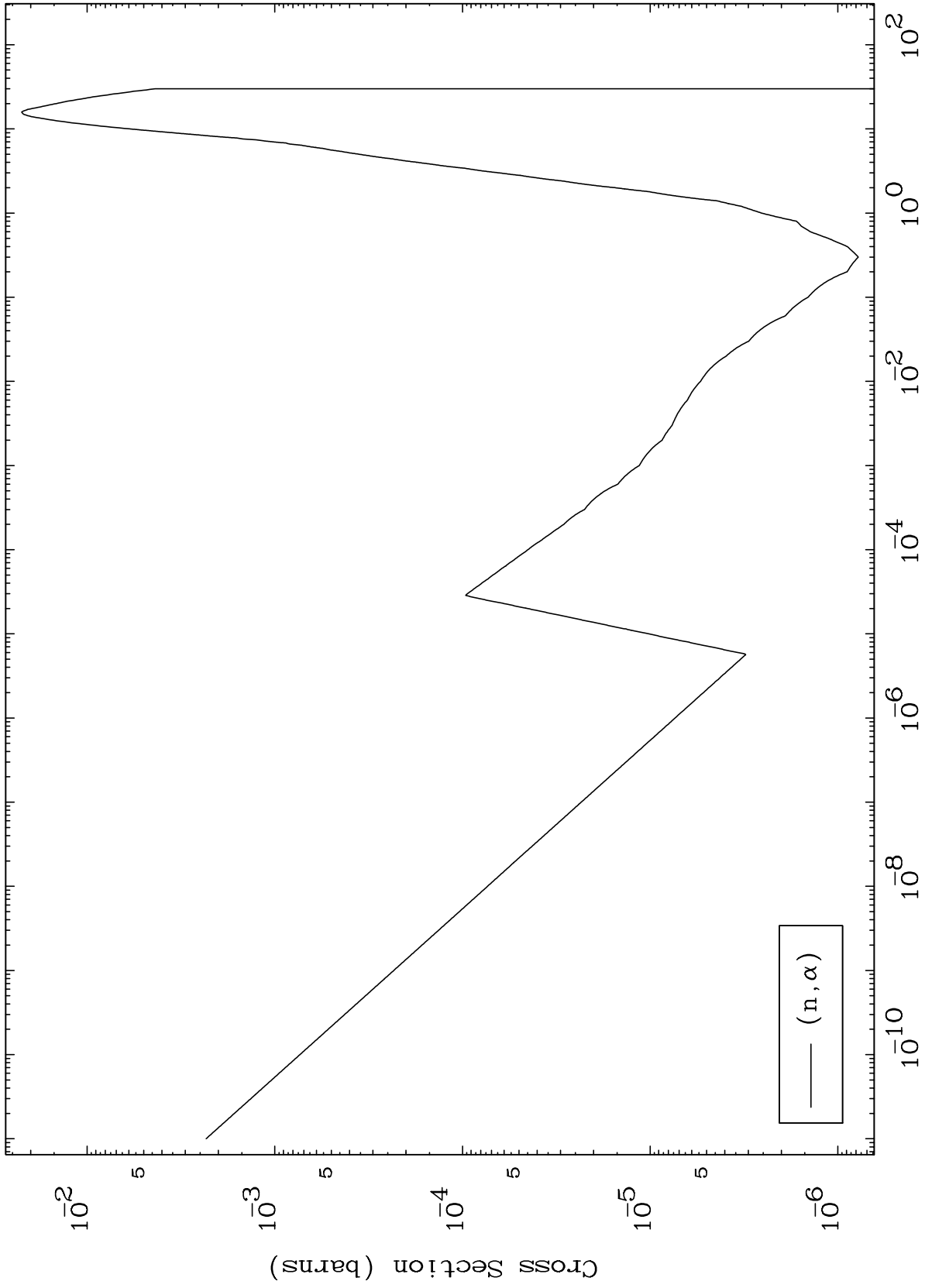
Incident Energy (MeV)

41-Nb-94

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(n, α) Levels
293 Kelvin Cross Sections

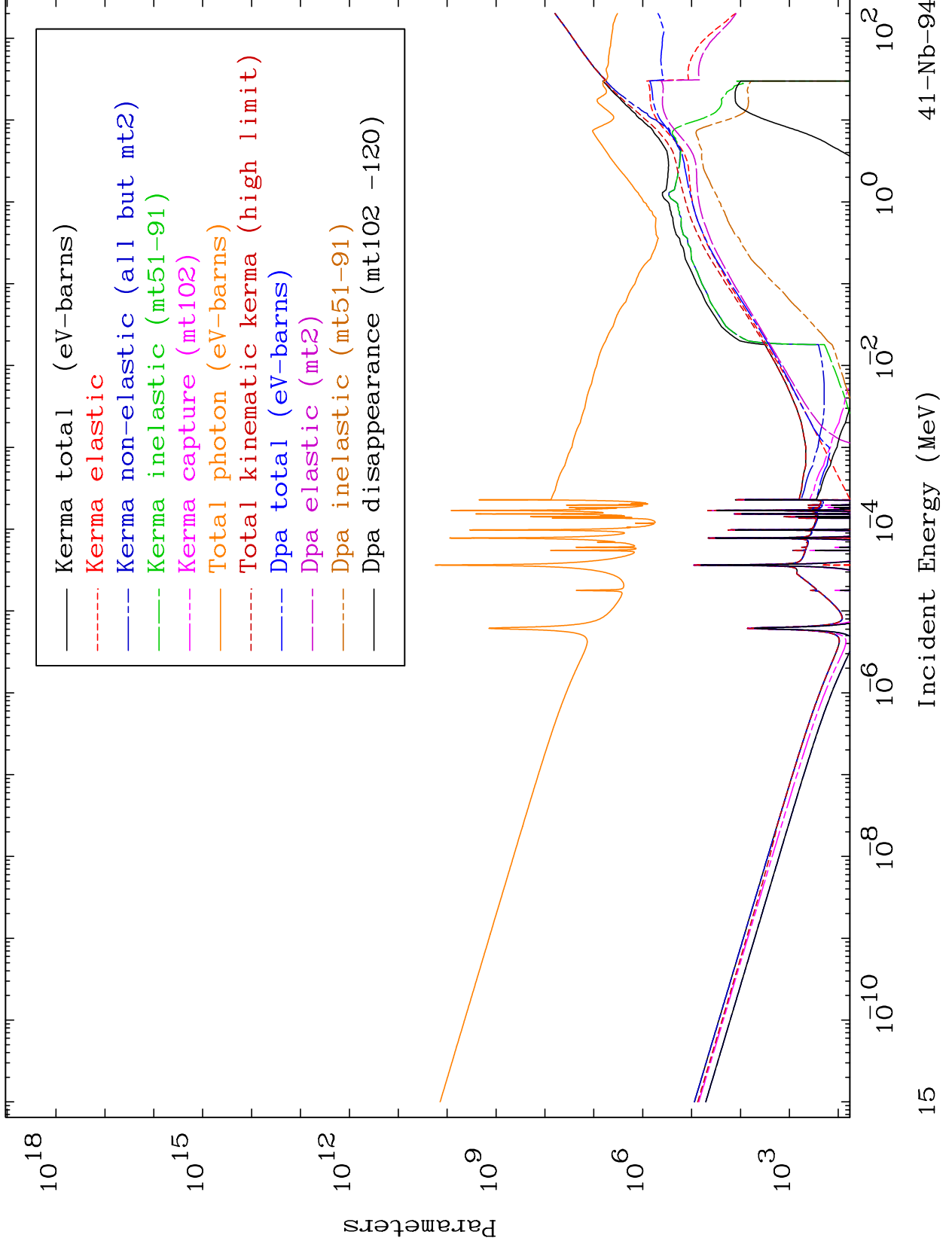
41-Nb-94



14

Incident Energy (MeV)

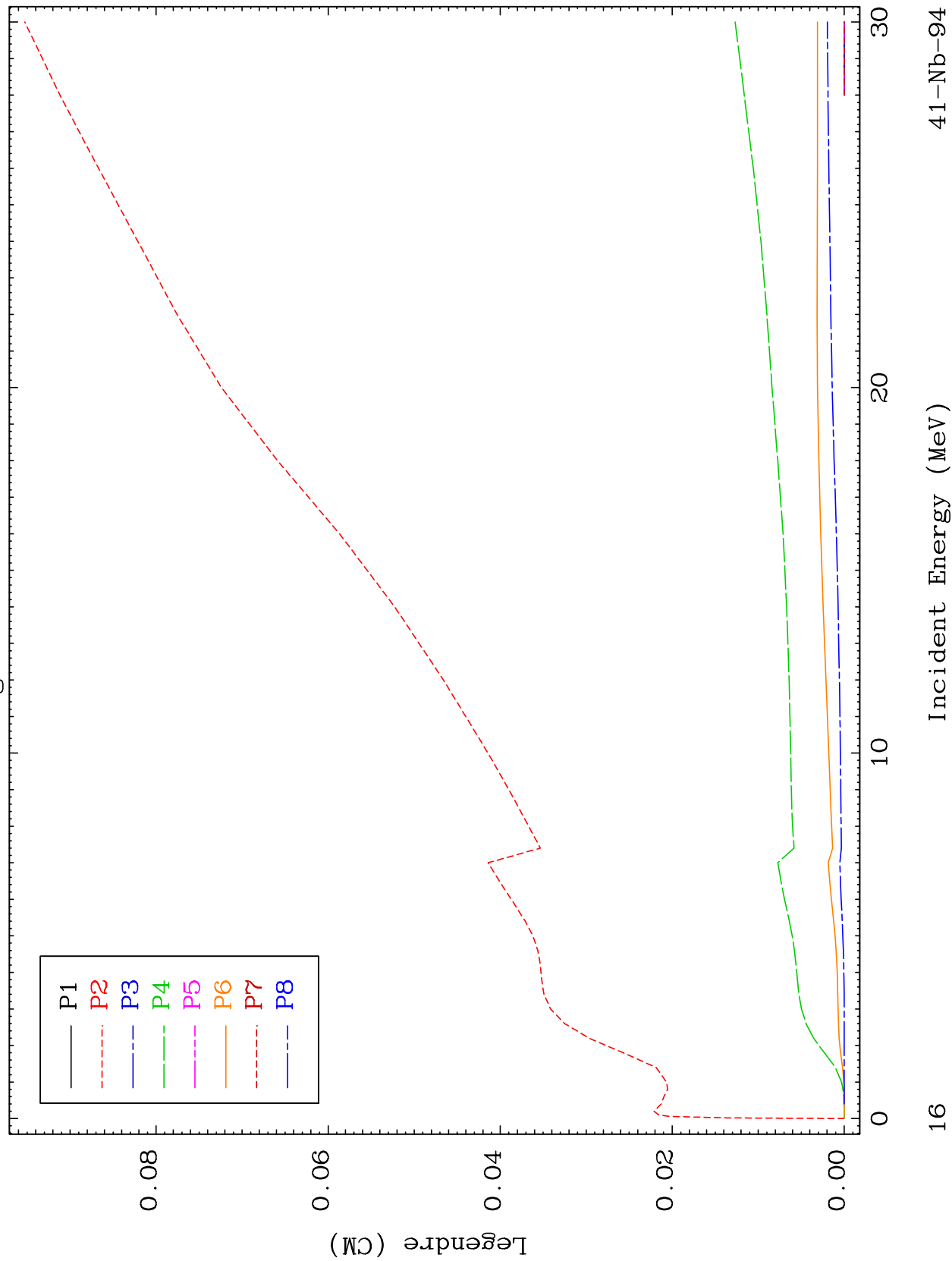
41-Nb-94



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Elastic Legendre Coefficients

41-Nb-94



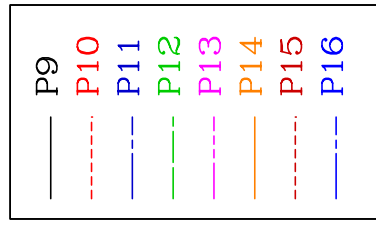
16

41-Nb-94

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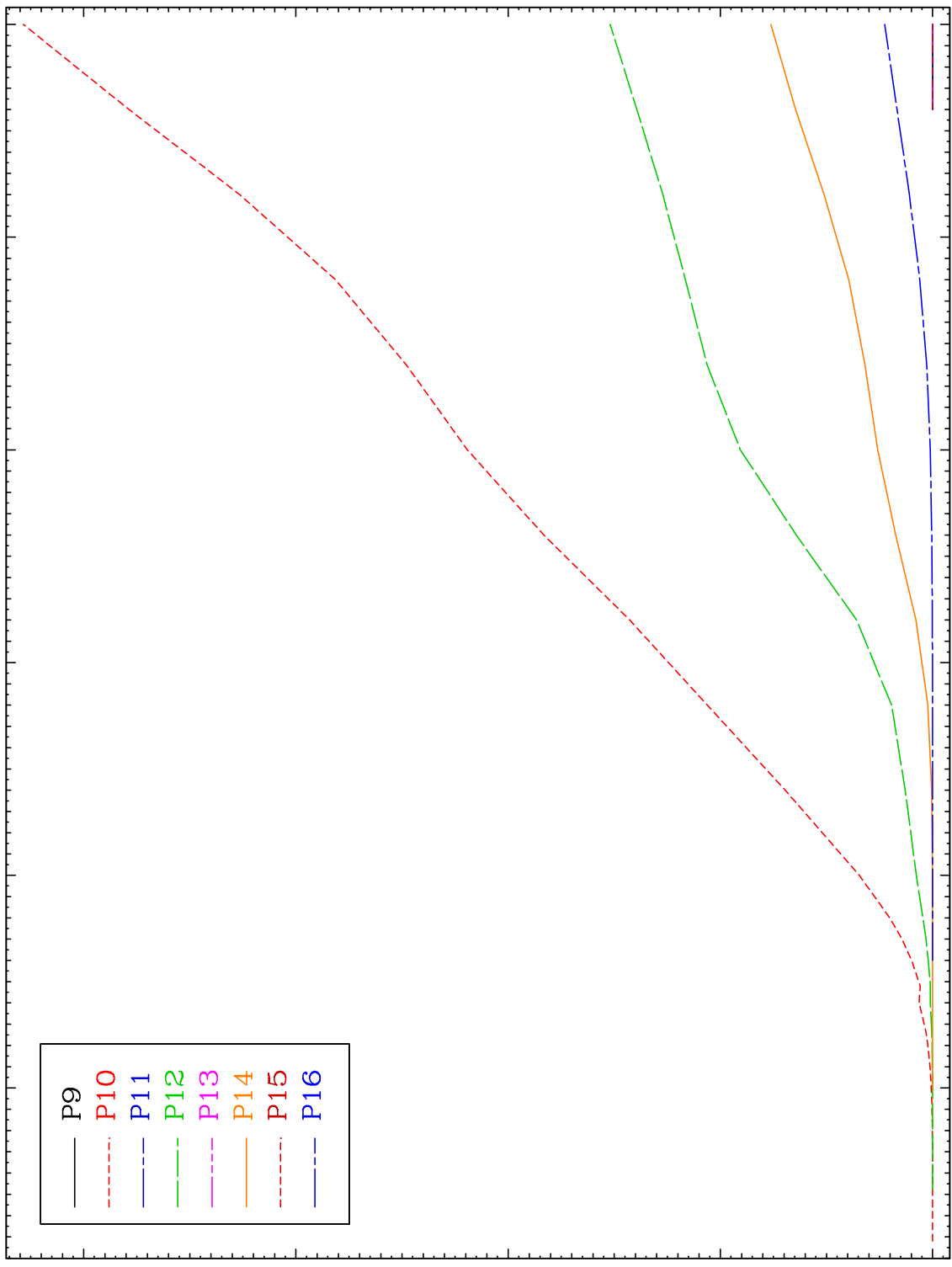
Elastic Legendre Coefficients

41-Nb-94



$\times 10^{-4}$

Legendre (CM)



17

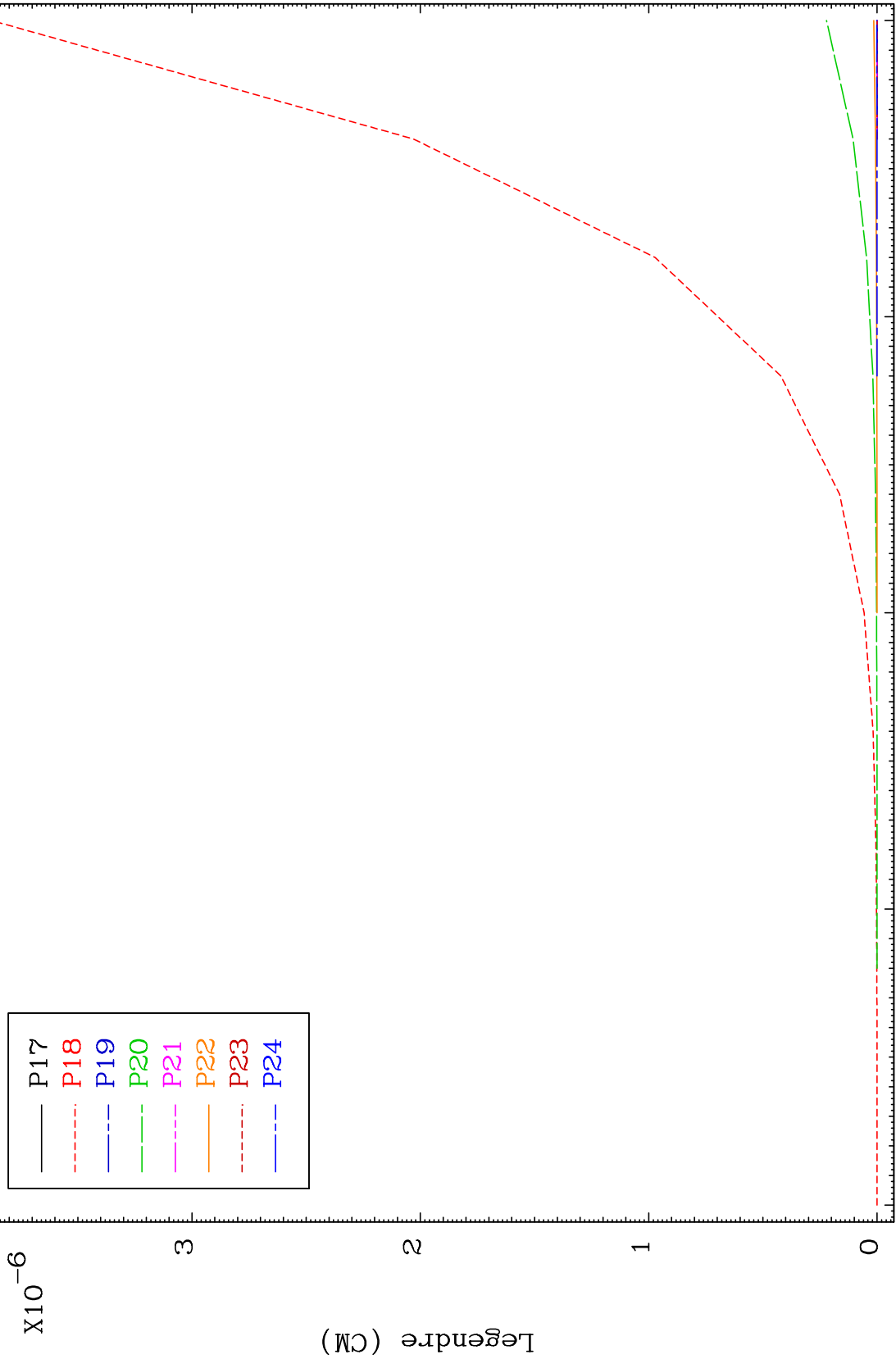
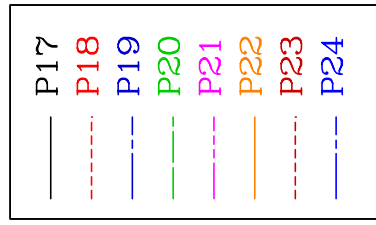
Incident Energy (MeV)

41-Nb-94

MAT 4129

Elastic Legendre Coefficients

41-Nb-94



18

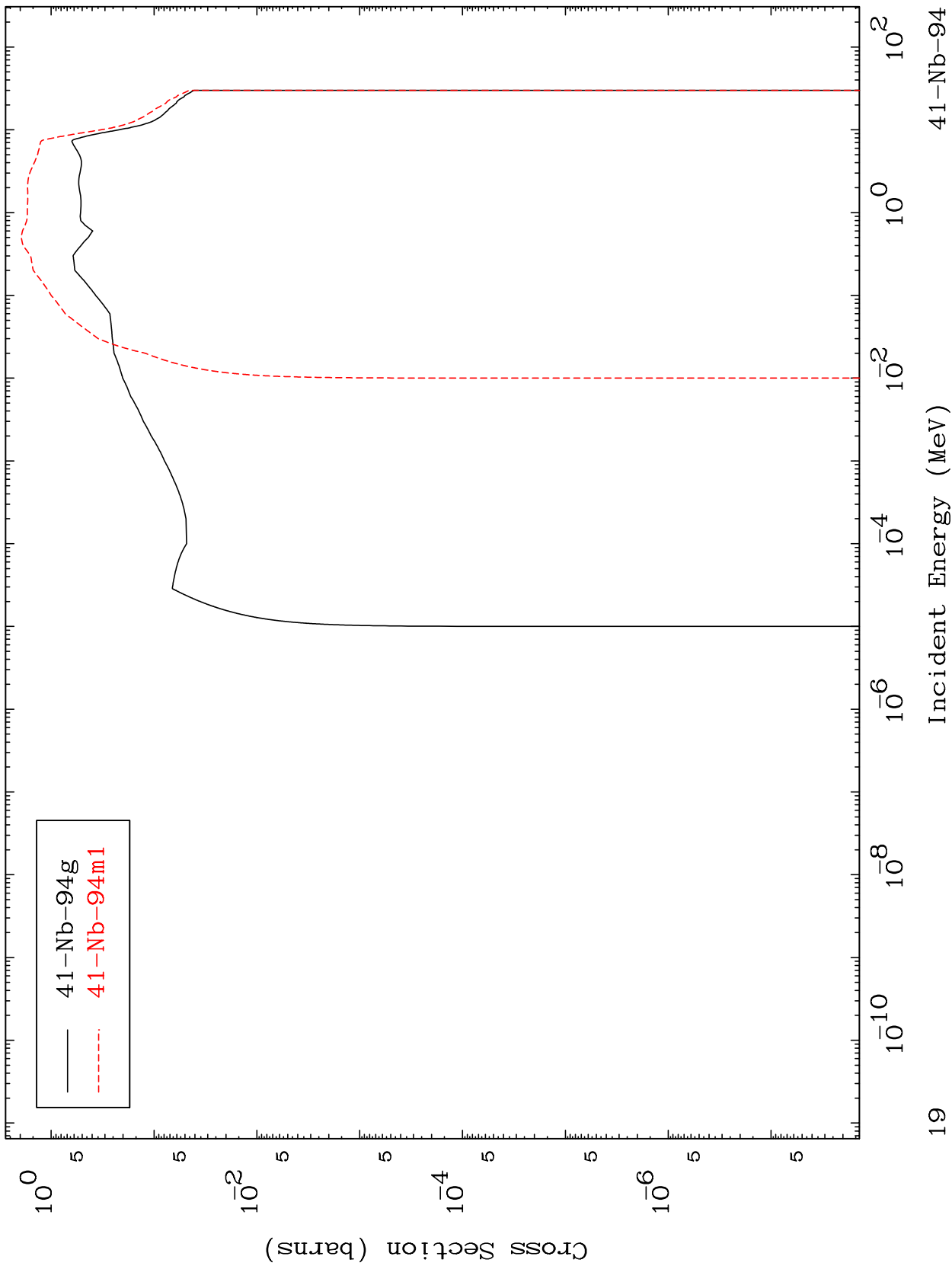
Incident Energy (MeV)

41-Nb-94

MAT 4129

41-Nb-94

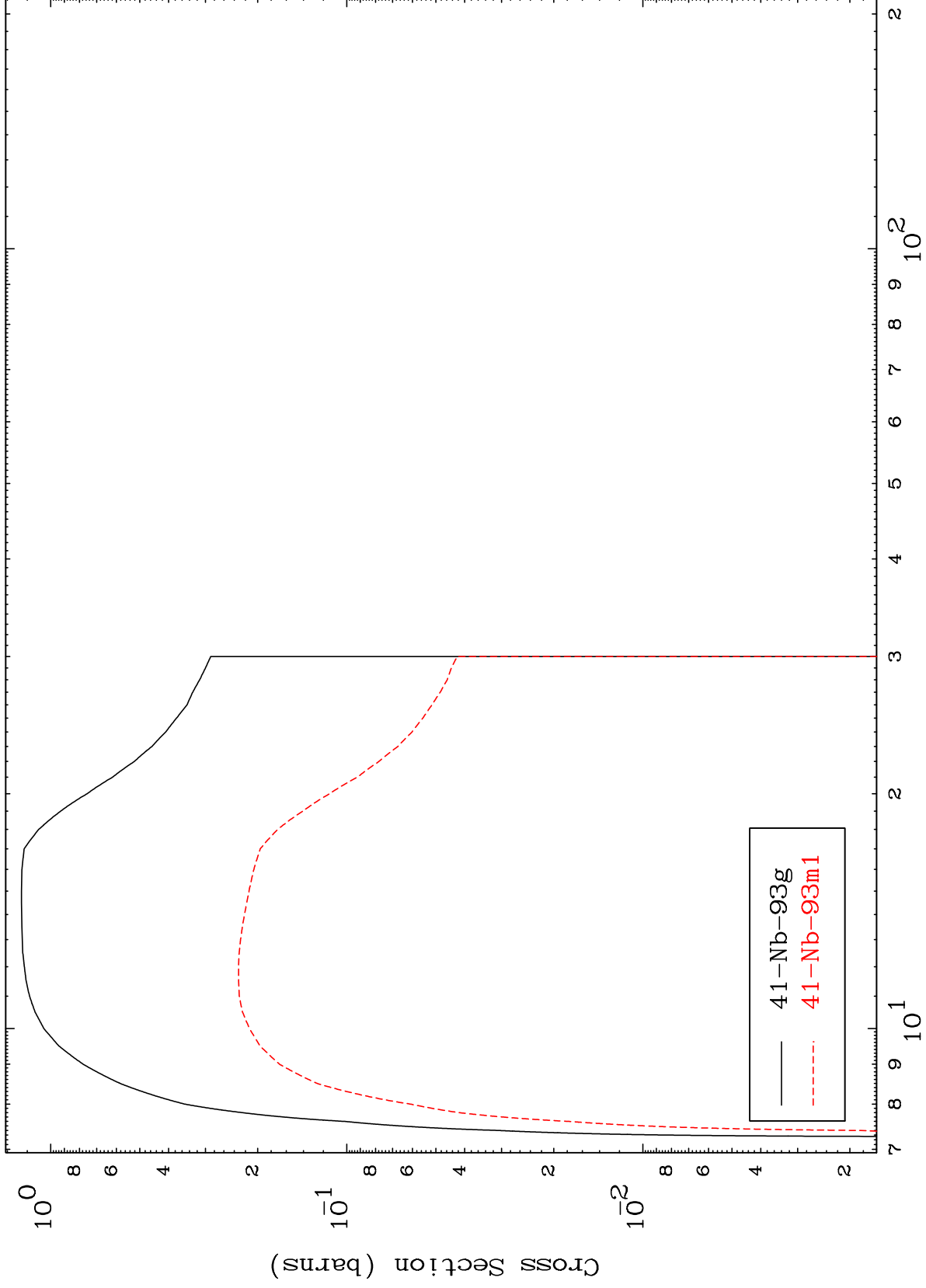
Inelastic
Radionuclide Production Cross Section



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41-Nb-94

(n,2n)
Radionuclide Production Cross Section



41-Nb-93g
41-Nb-93m1

20

Incident Energy (MeV)

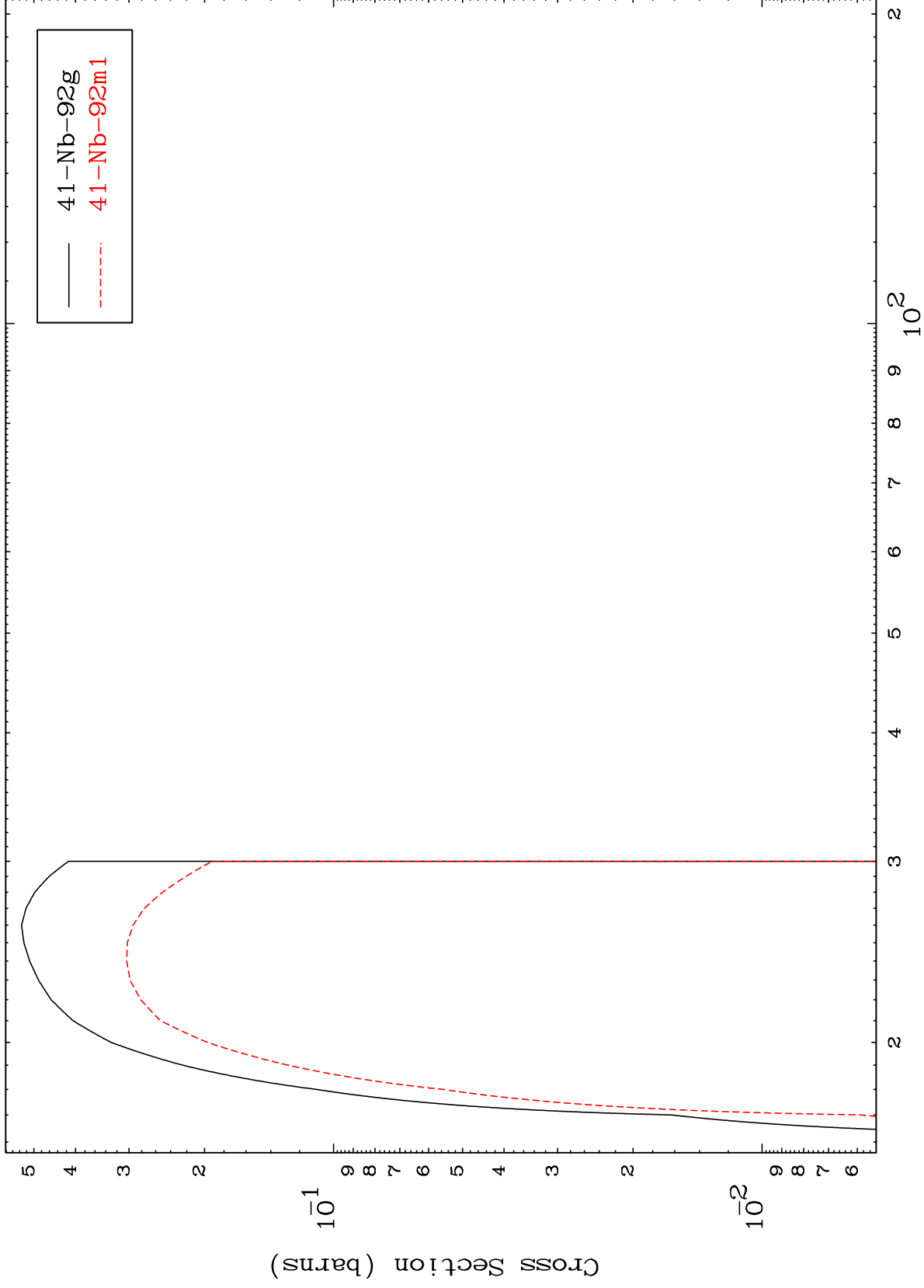
41-Nb-94

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(n,3n)

41-Nb-94

Radionuclide Production Cross Section



21

Incident Energy (MeV)

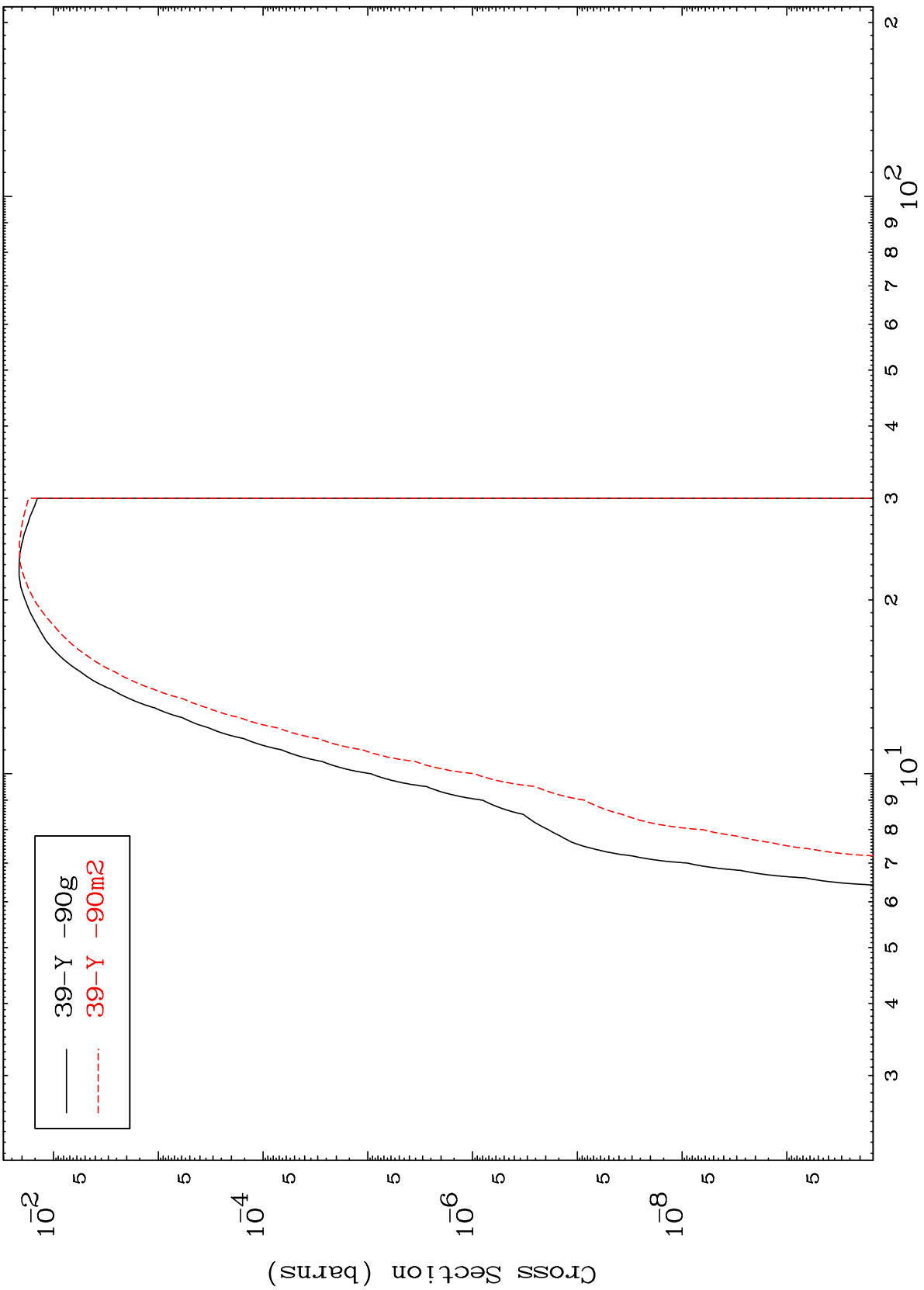
41-Nb-94

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$(n, n') \alpha$

41-Nb-94

Radionuclide Production Cross Section

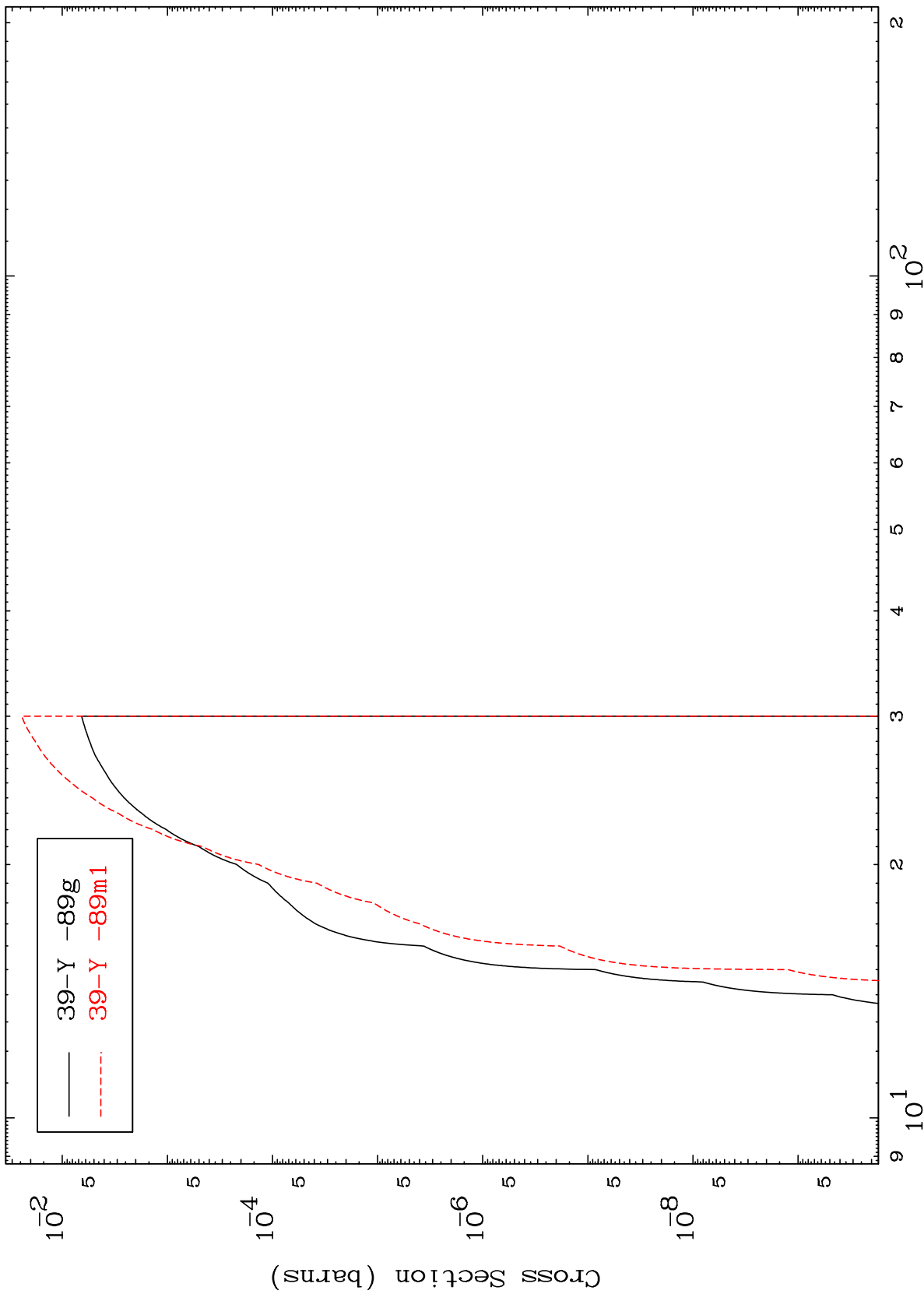


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(n,2n) α

41-Nb-94

Radionuclide Production Cross Section



23

Incident Energy (MeV)

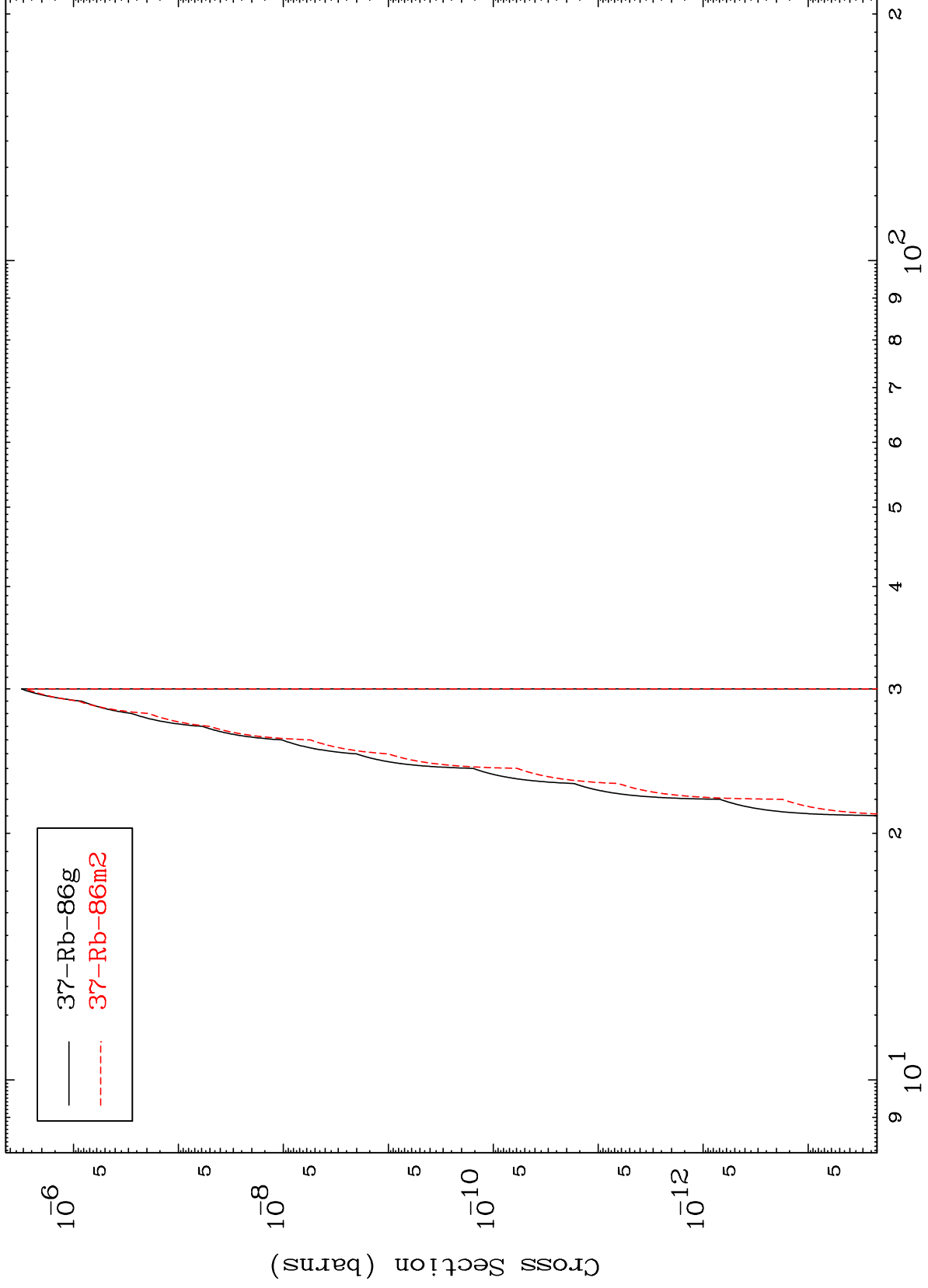
41-Nb-94

MAT 4129

(n,n') 2α

41-Nb-94

Radionuclide Production Cross Section



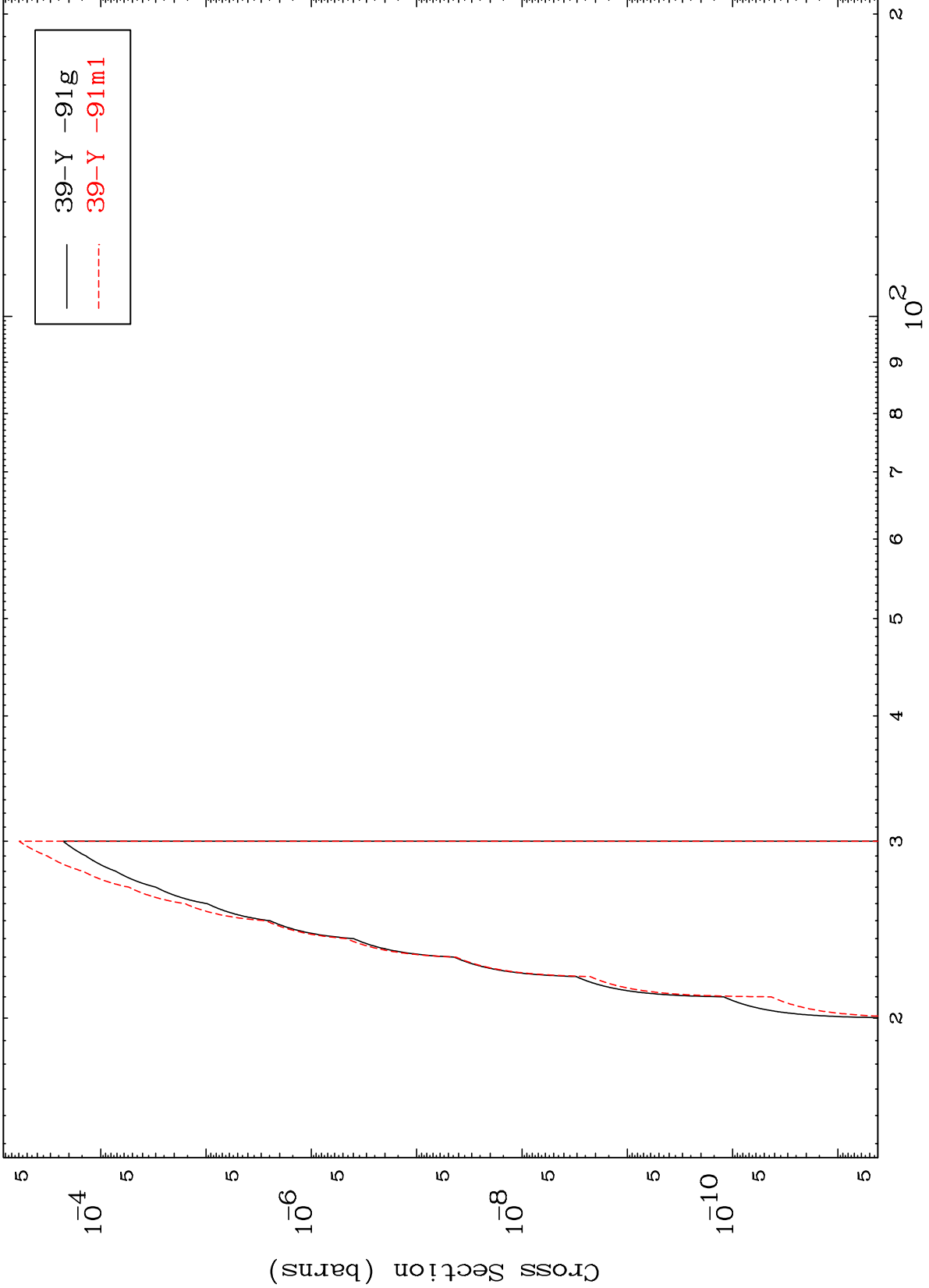
— 37-Rb-86g
- - - 37-Rb-86m2

24

Incident Energy (MeV)

41-Nb-94

Radionuclide Production Cross Section



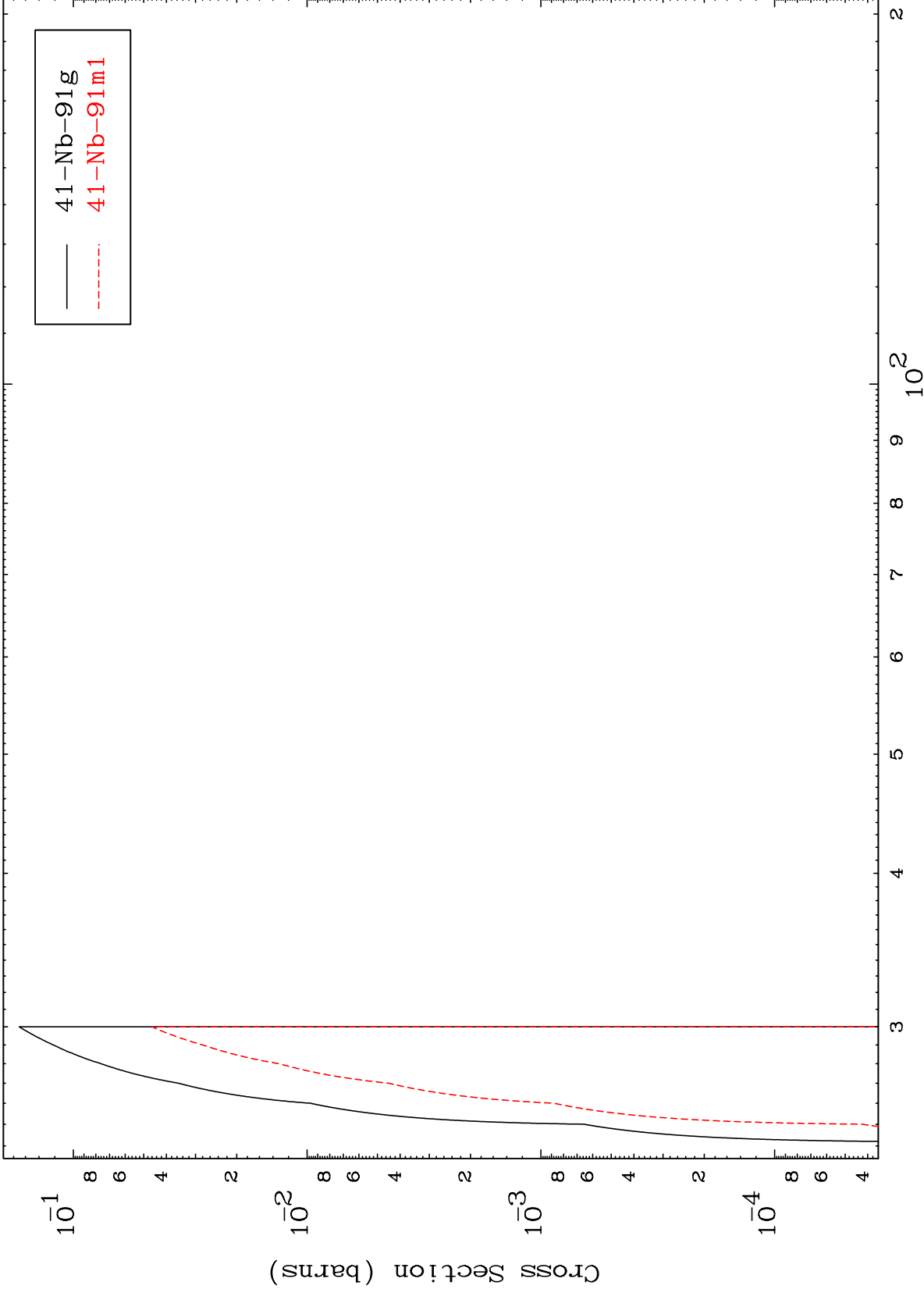
39-Y -91g
39-Y -91m1

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(n,4n)

41-Nb-94

Radionuclide Production Cross Section

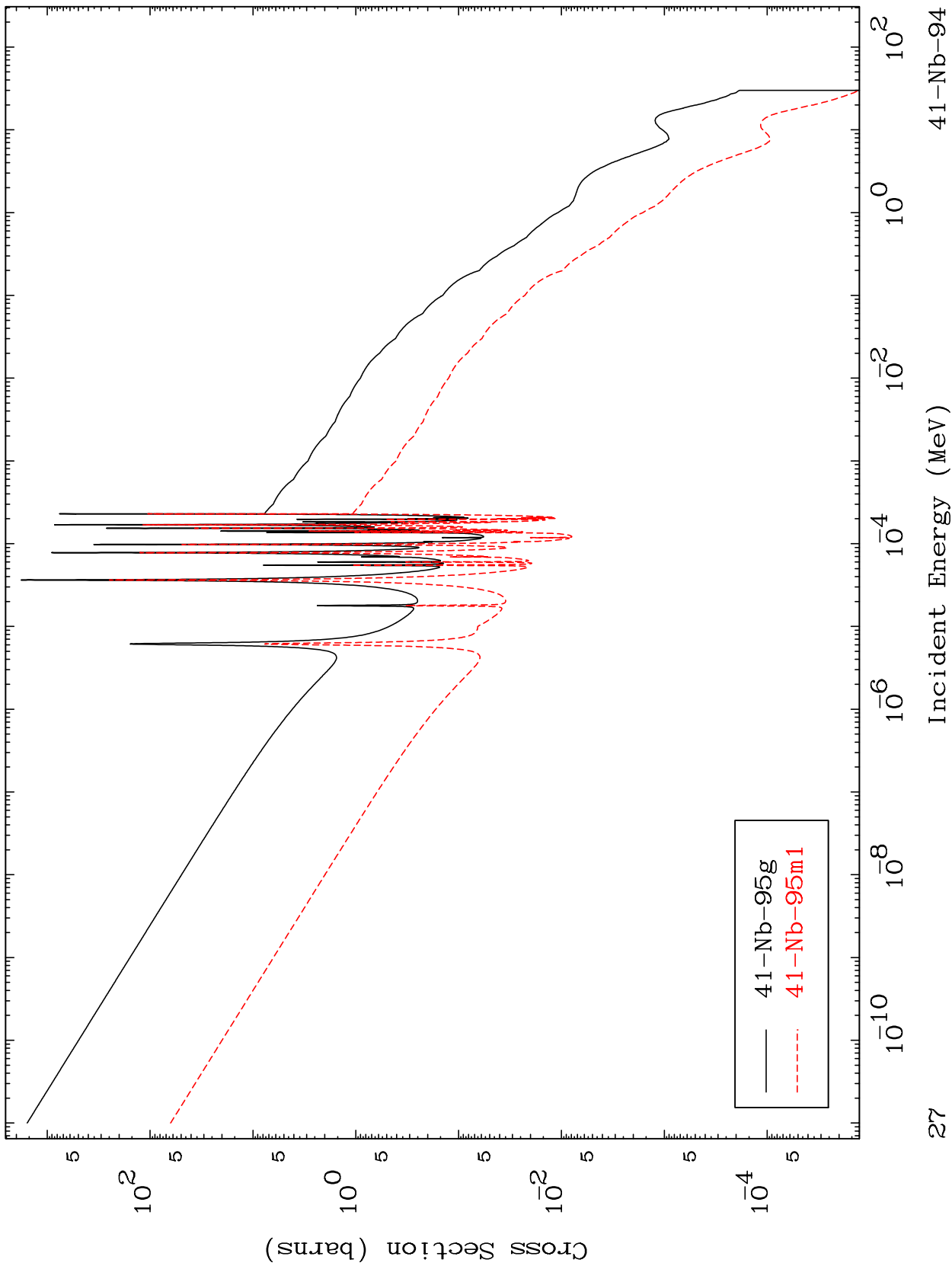


41-Nb-91g
41-Nb-91m1

MAT 4129

41-Nb-94

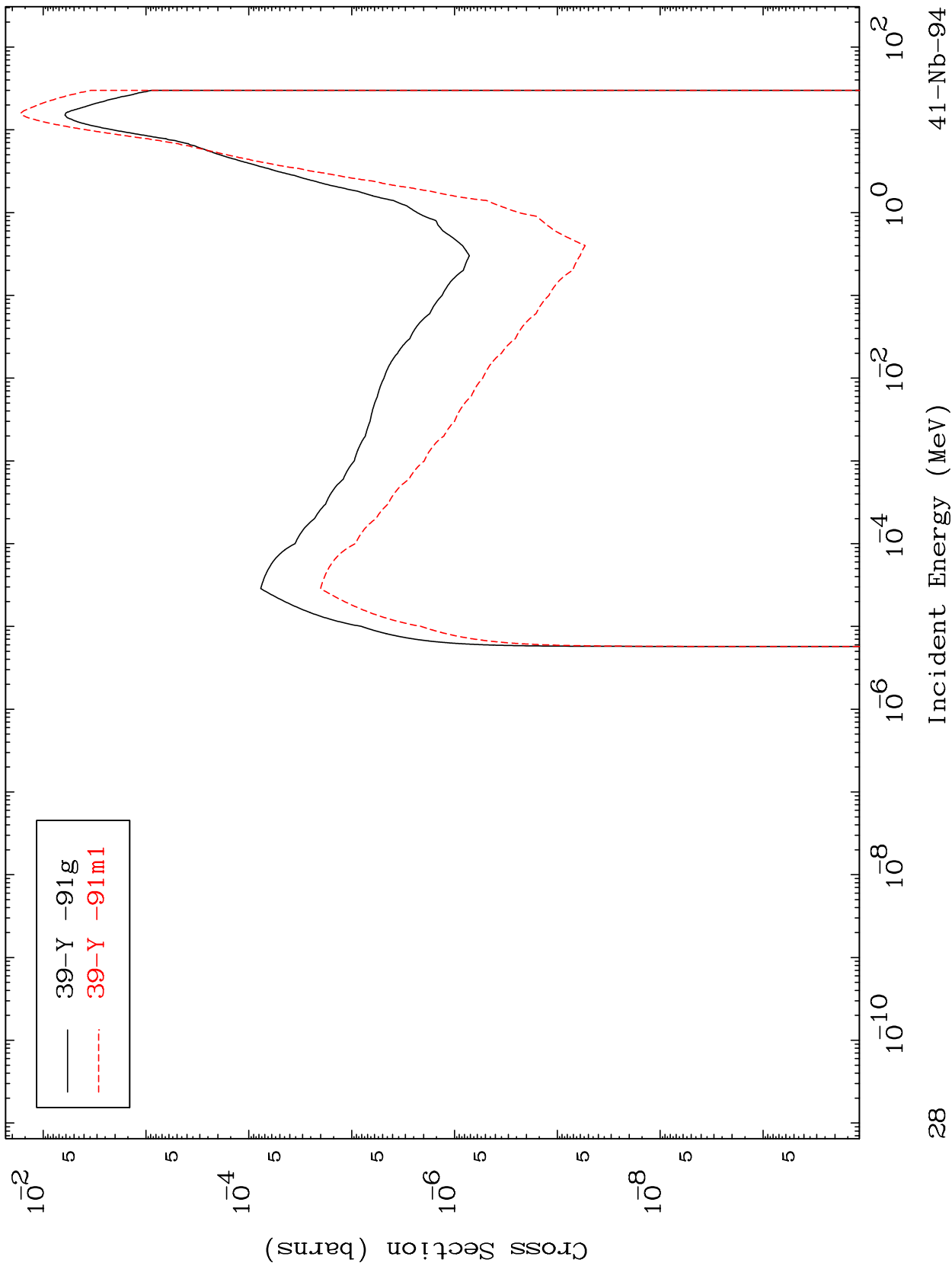
(n, γ)
Radionuclide Production Cross Section



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41-Nb-94

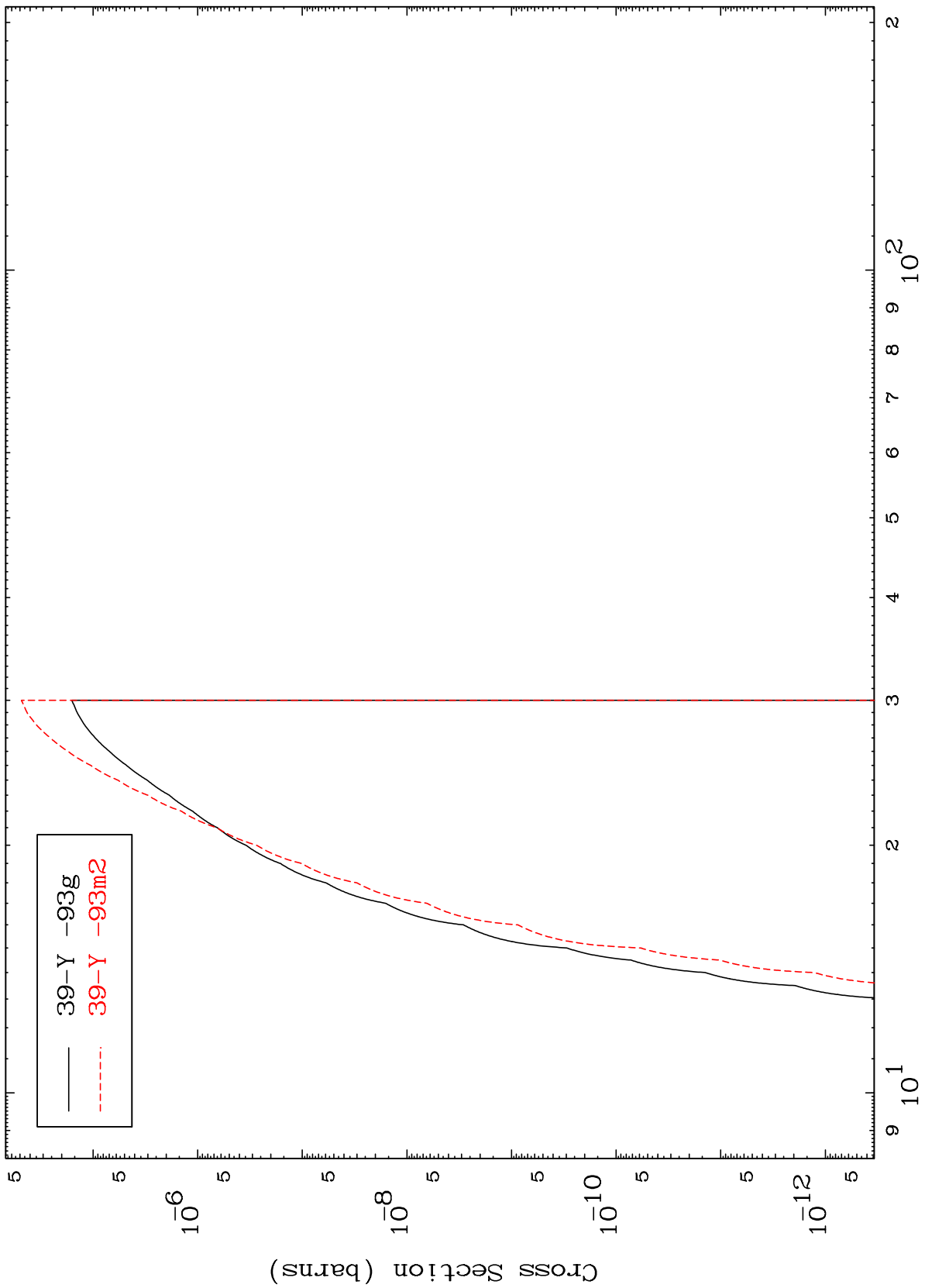
Radionuclide Production Cross Section
(n, α)



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41-Nb-94

(n,2p)
Radionuclide Production Cross Section



— 39-Y -93g
- - - 39-Y -93m2

29

Incident Energy (MeV)

41-Nb-94

Radionuclide Production Cross Section

