

Program EVALPLOT
(Version 2021-1)

by

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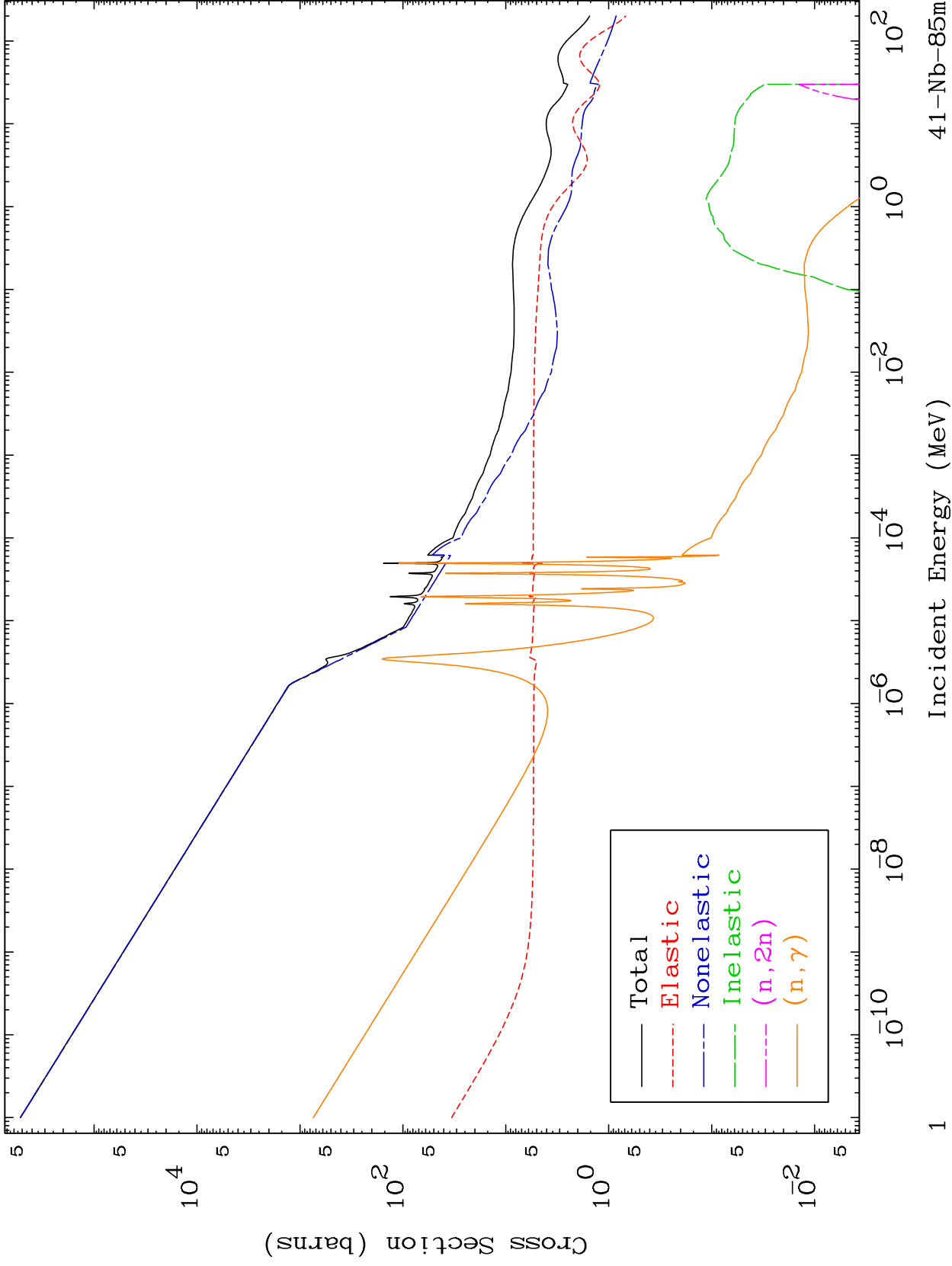
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Press Mouse Button to Start

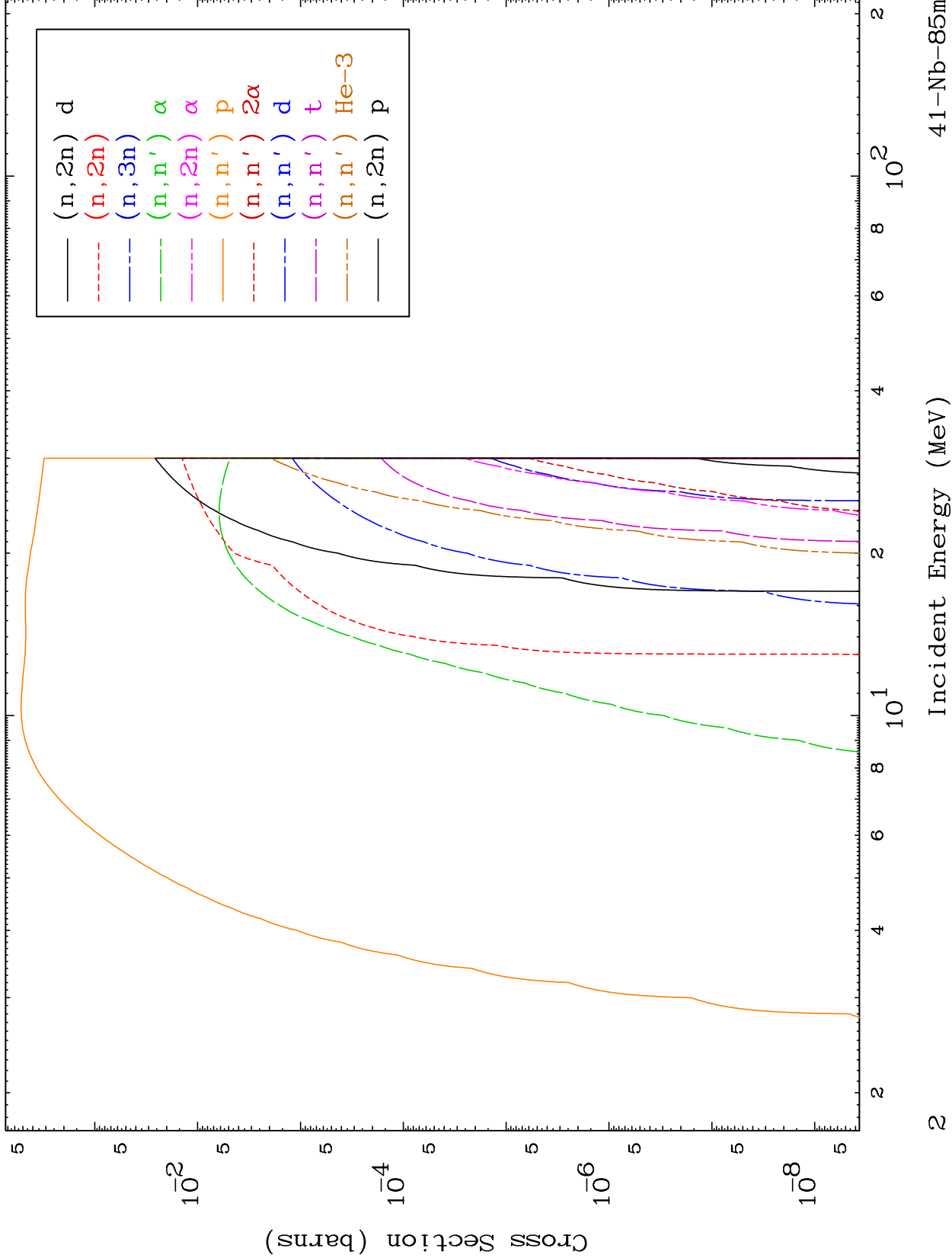
MAT 4102

Neutron Major
293 Kelvin Cross Sections

41-Nb-85m



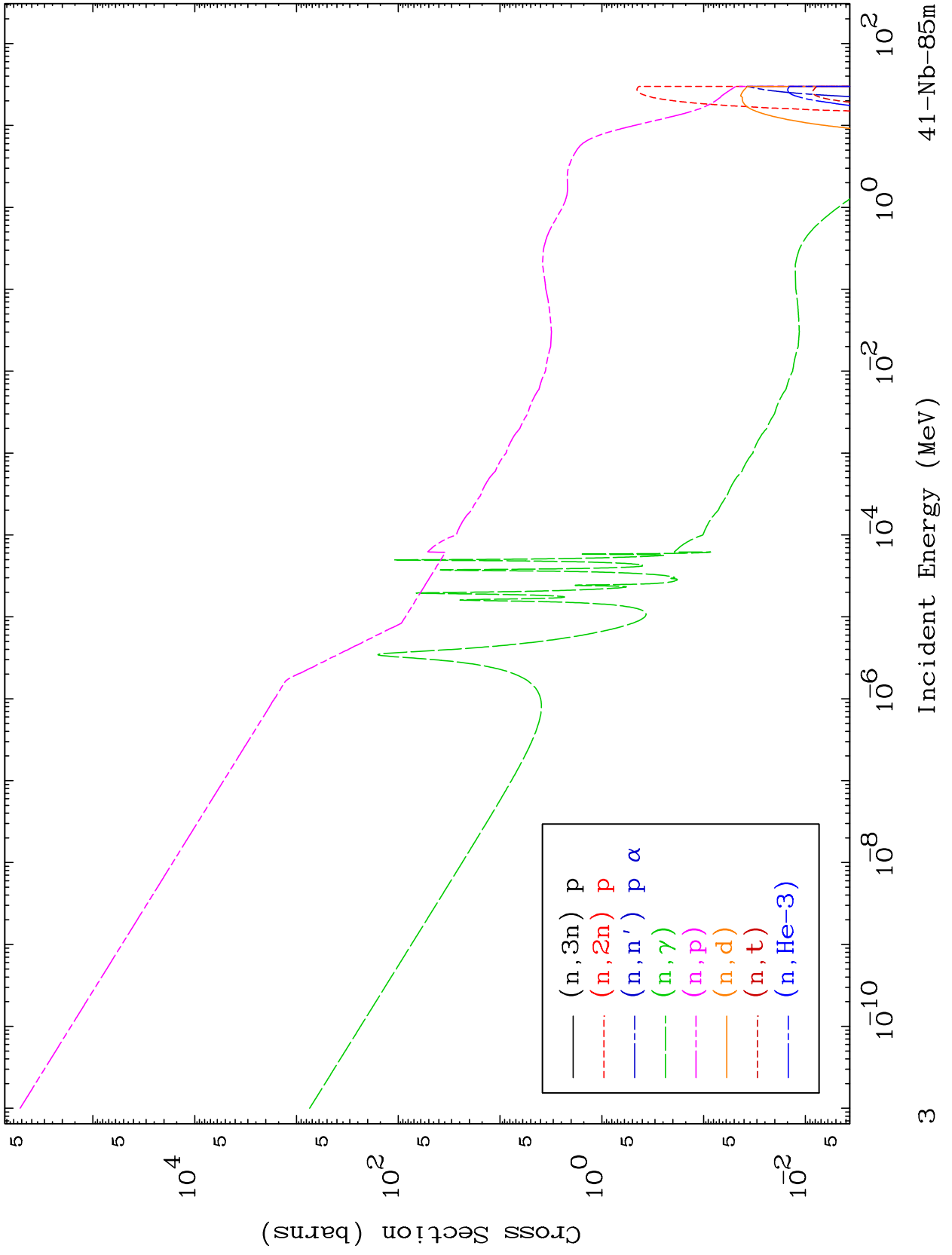
Neutron Absorption
293 Kelvin Cross Sections



MAT 4102

Neutron Absorption
293 Kelvin Cross Sections

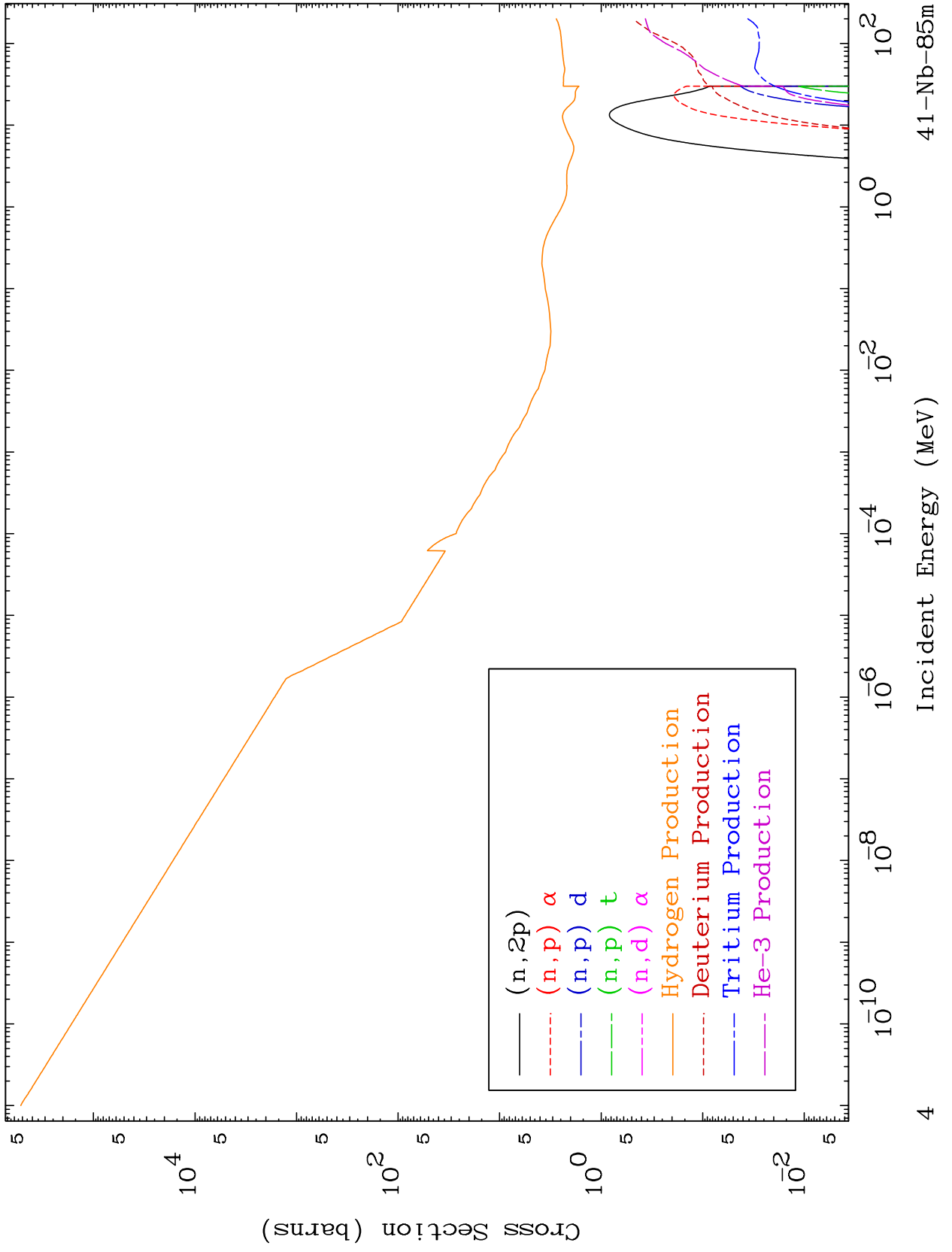
41-Nb-85m

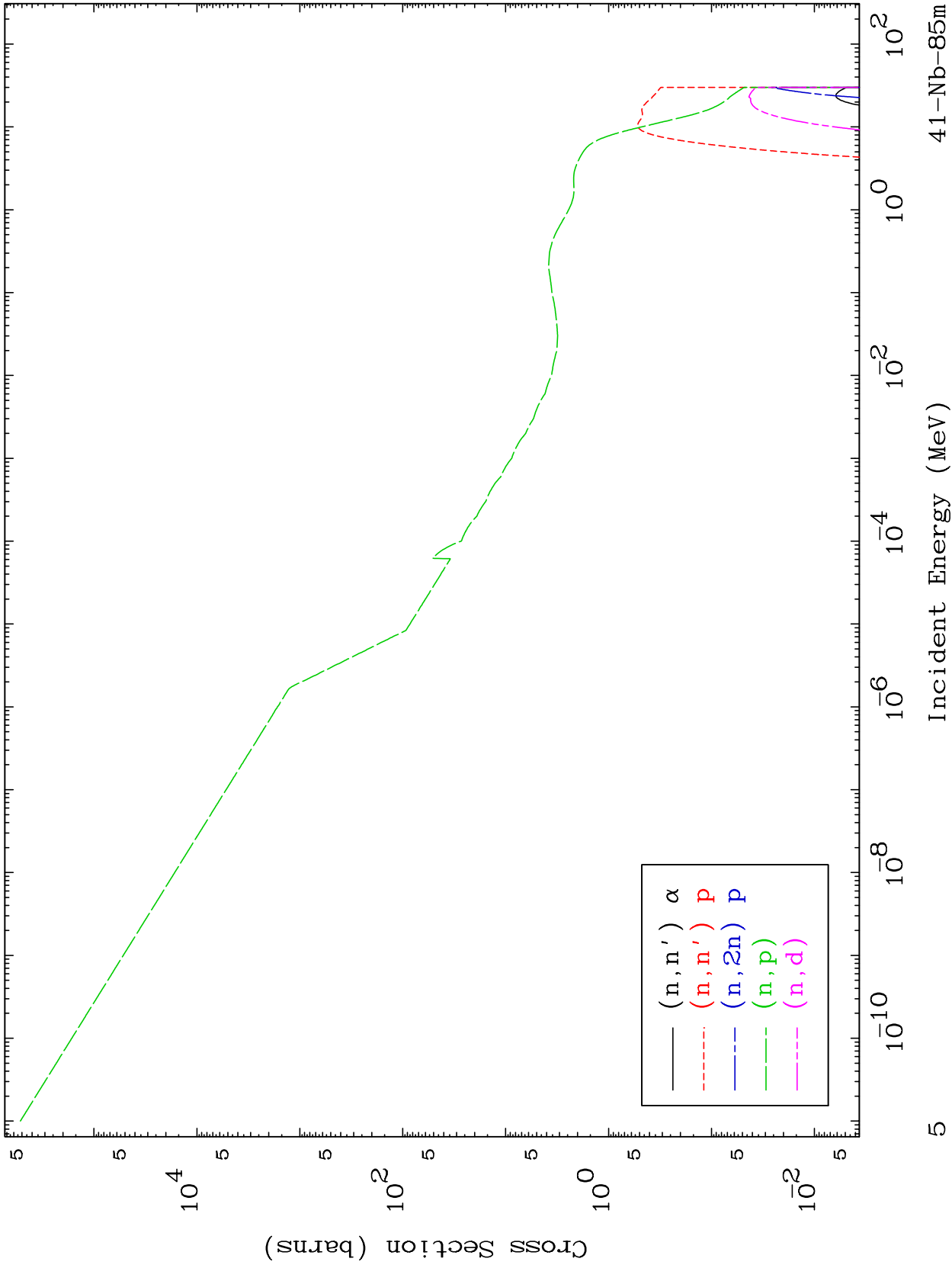


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Neutron Absorption
293 Kelvin Cross Sections

41-Nb-85m

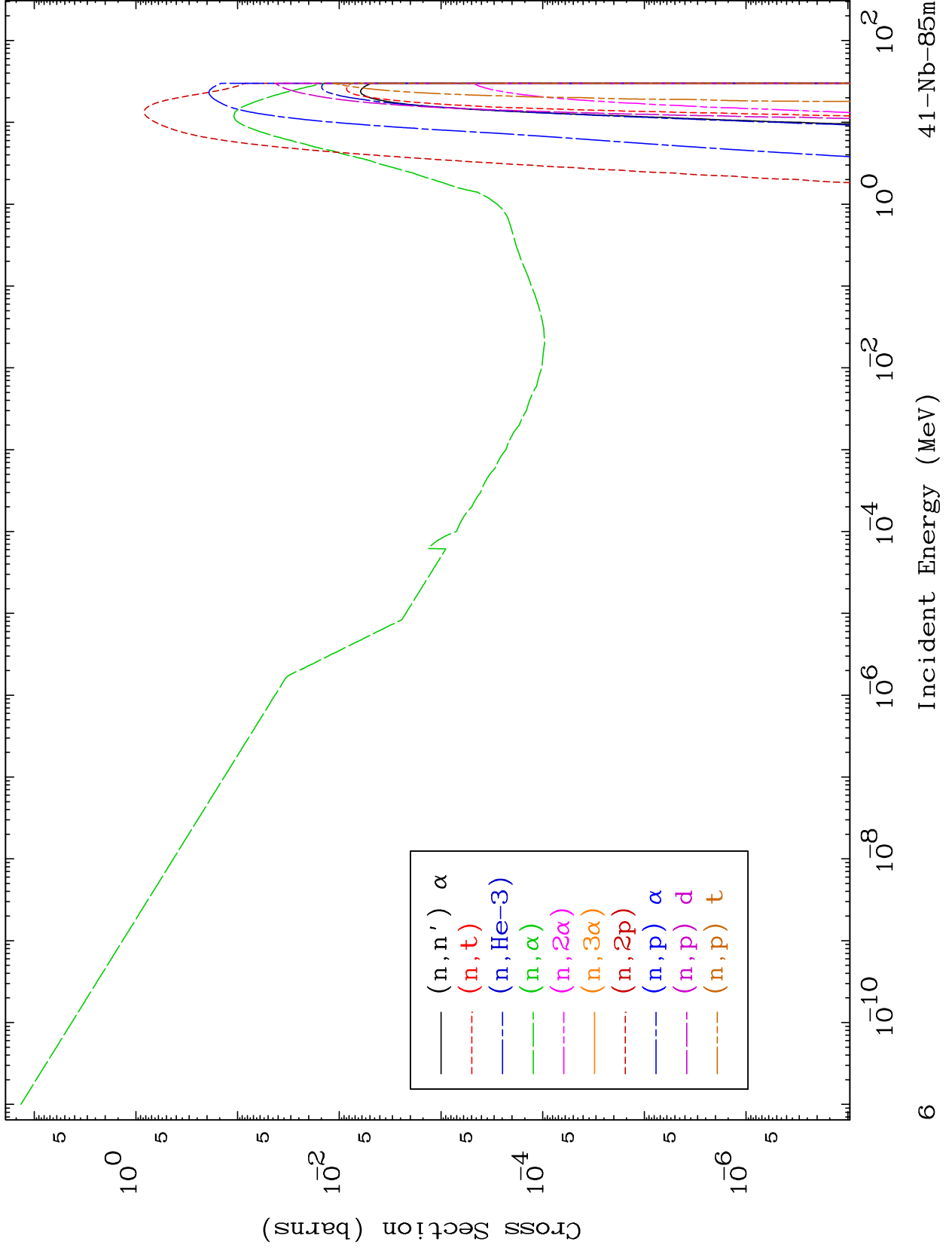




MAT 4102

Charged Particle
293 Kelvin Cross Sections

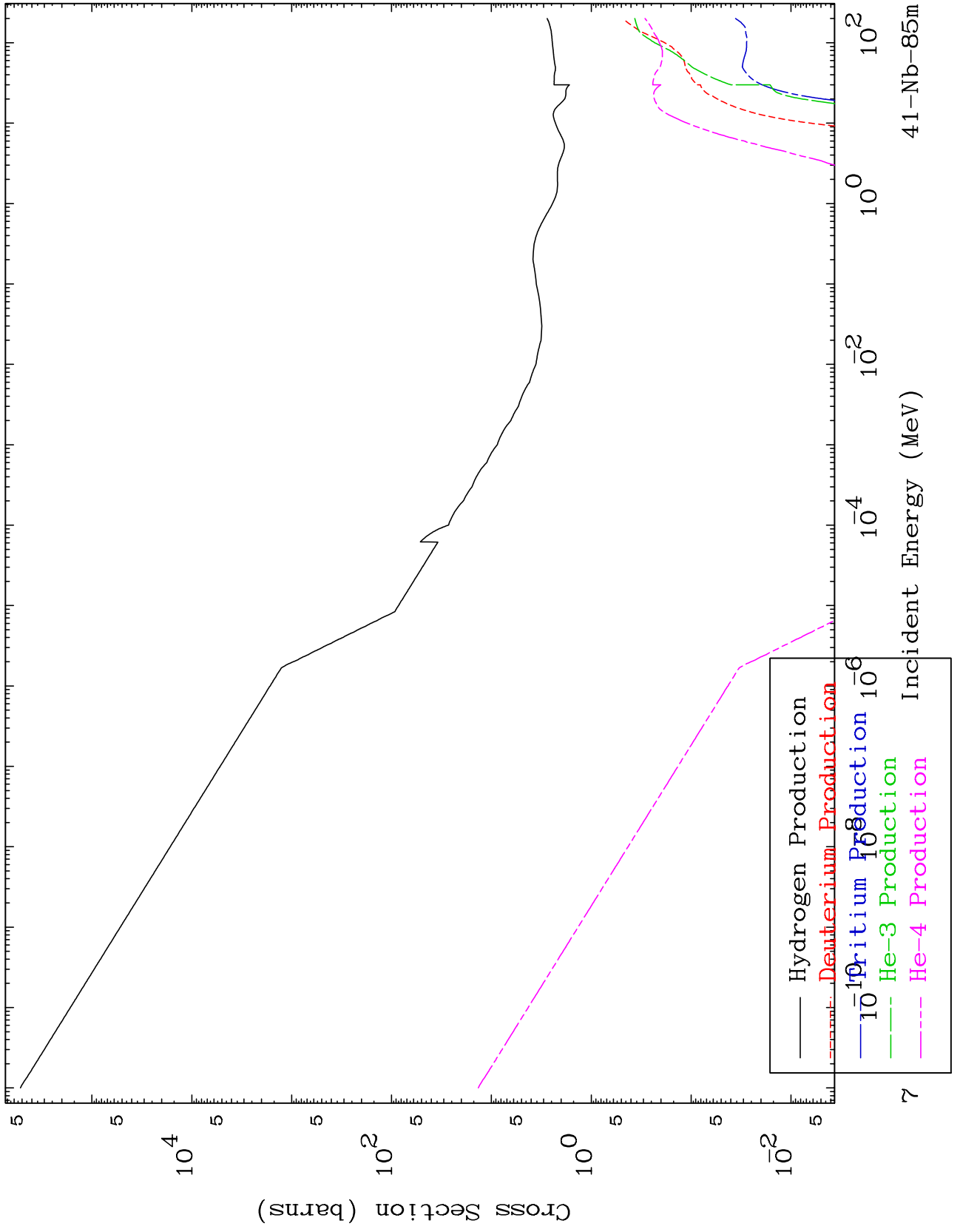
41-Nb-85m



MAT 4102

Particle Production
293 Kelvin Cross Sections

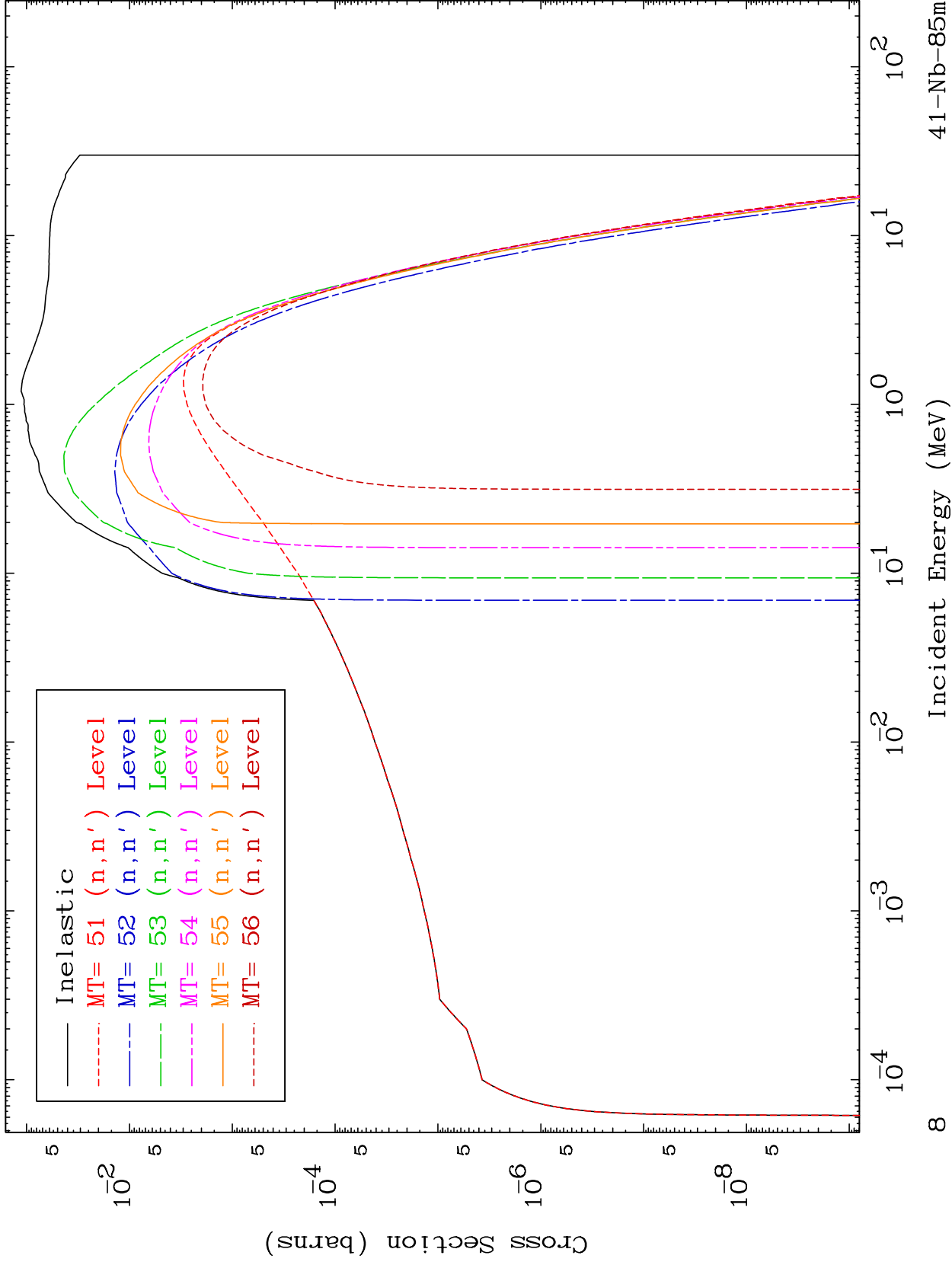
41-Nb-85m



MAT 4102

293 Kelvin Cross Sections
(n,n') Levels

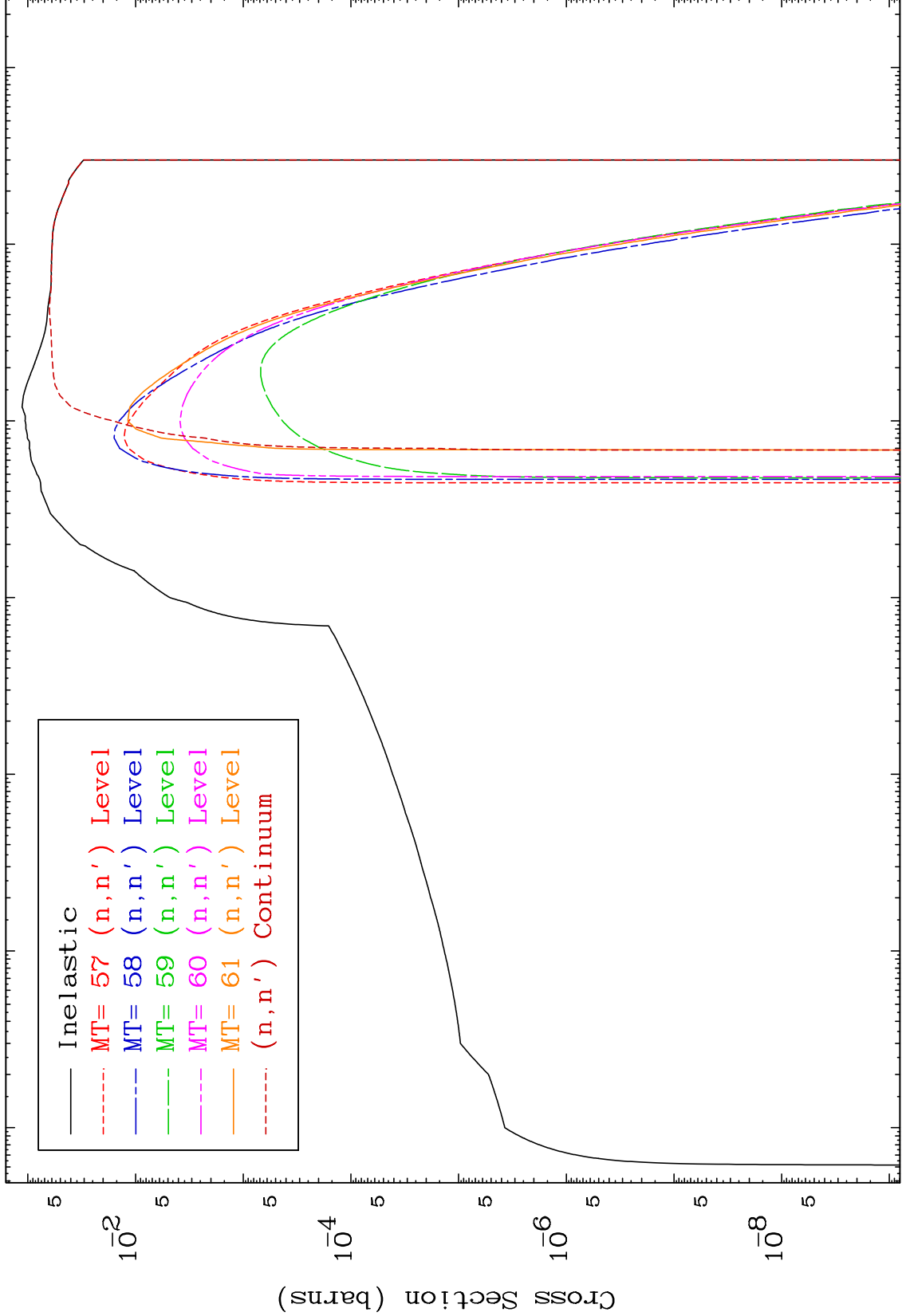
41-Nb-85m



MAT 4102

293 Kelvin Cross Sections
(n,n') Levels

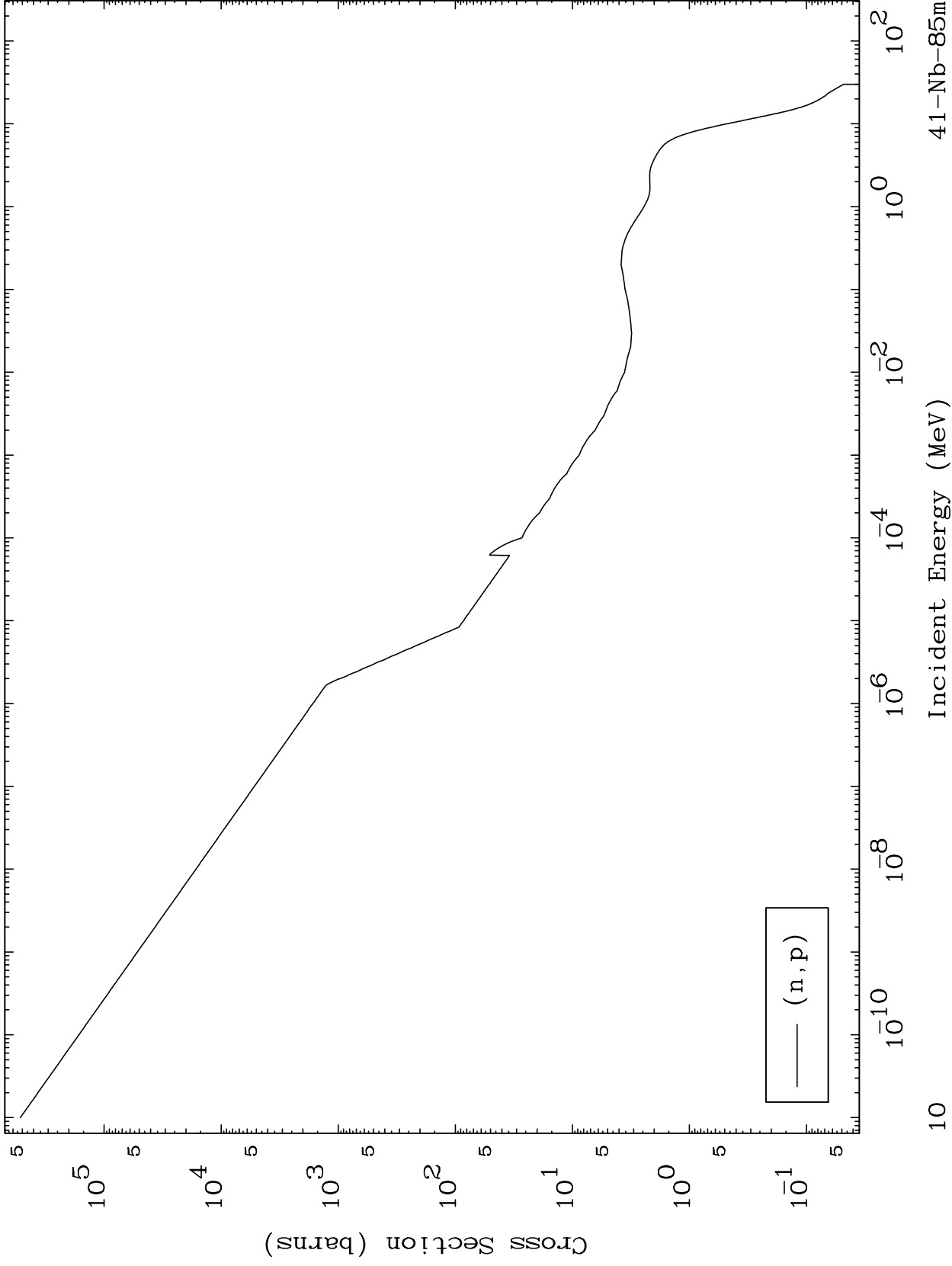
41-Nb-85m



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(n,p) Levels
293 Kelvin Cross Sections

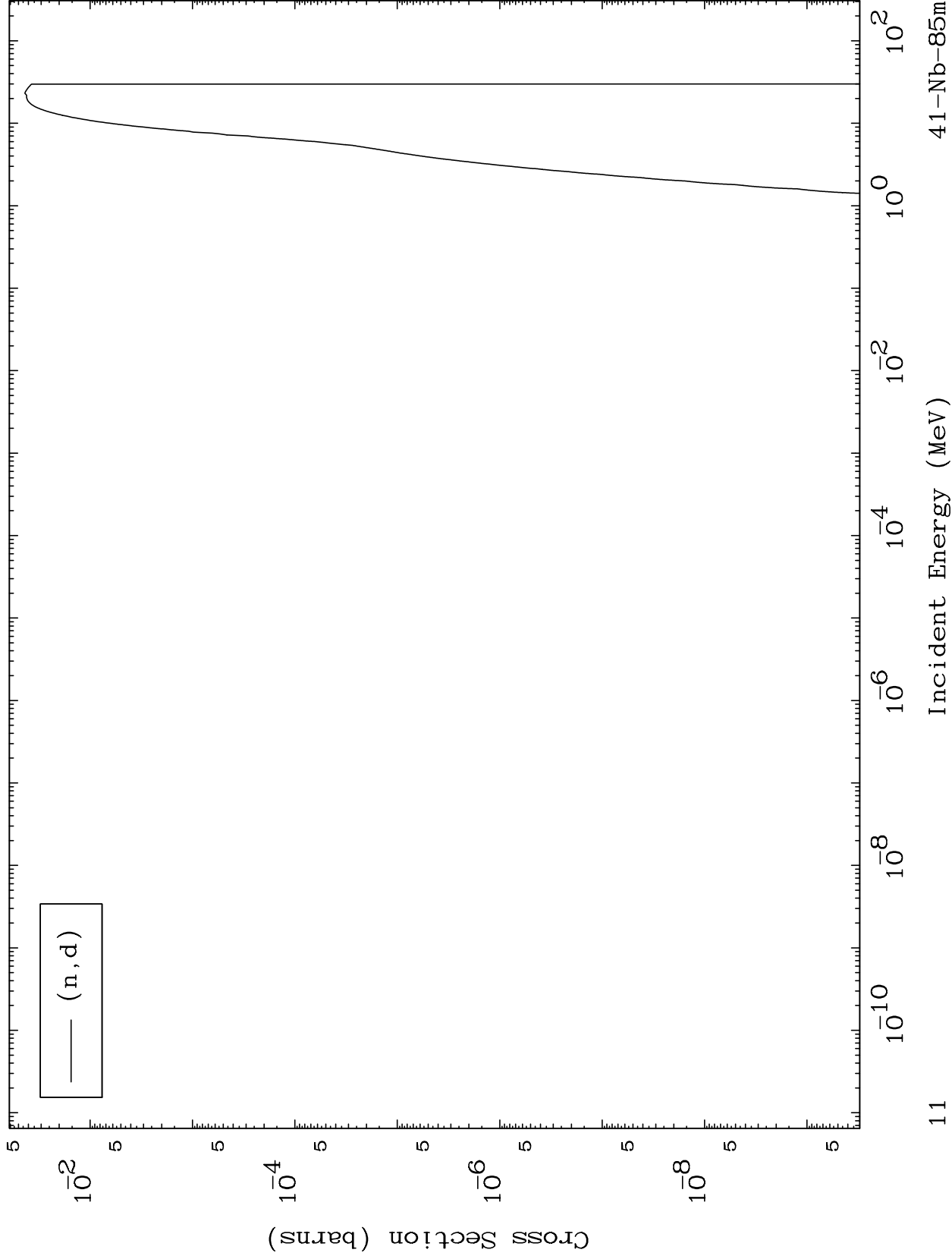
41-Nb-85m



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(n,d) Levels
293 Kelvin Cross Sections

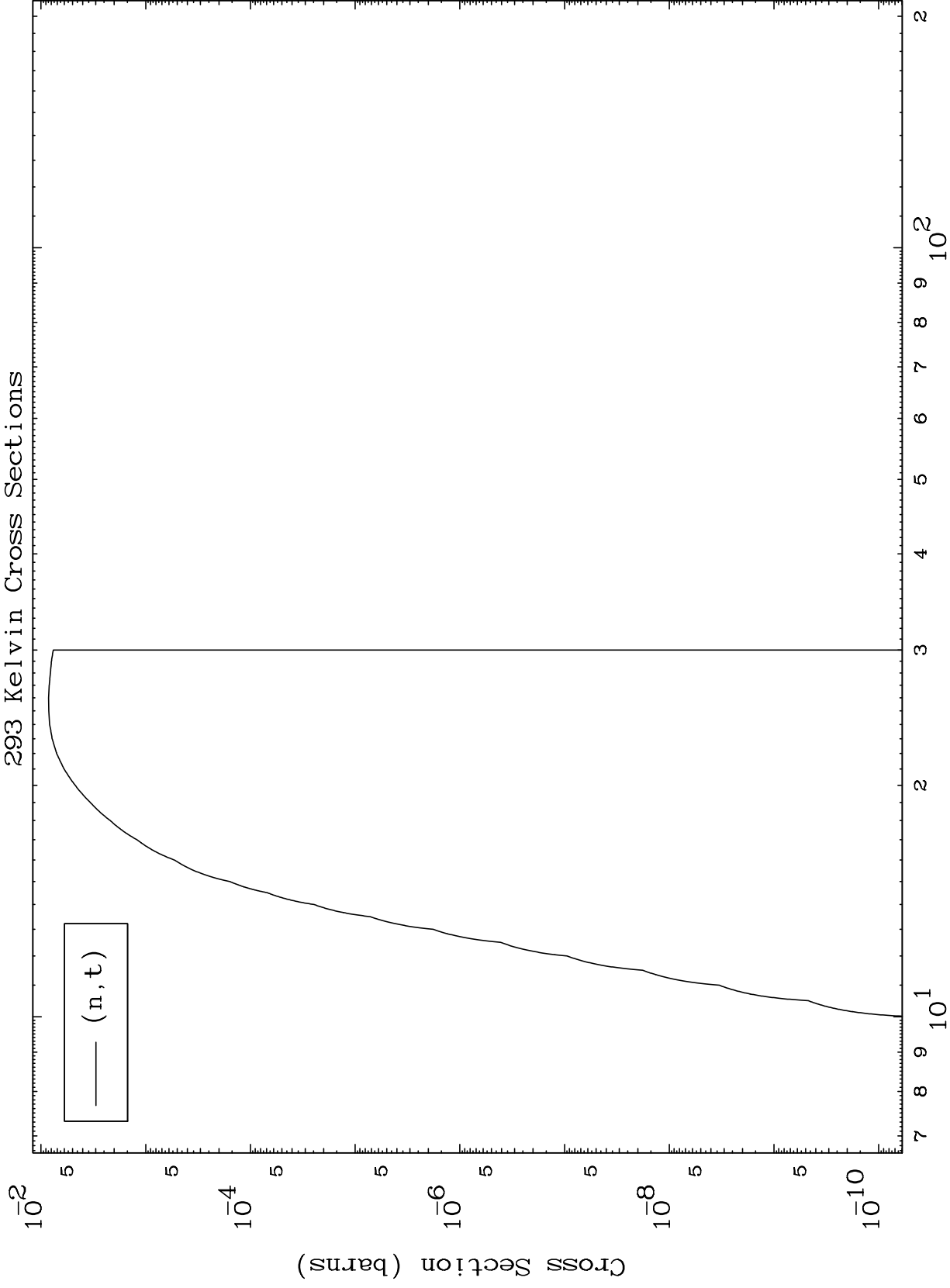
41-Nb-85m



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(n,t) Levels
293 Kelvin Cross Sections

41-Nb-85m



12

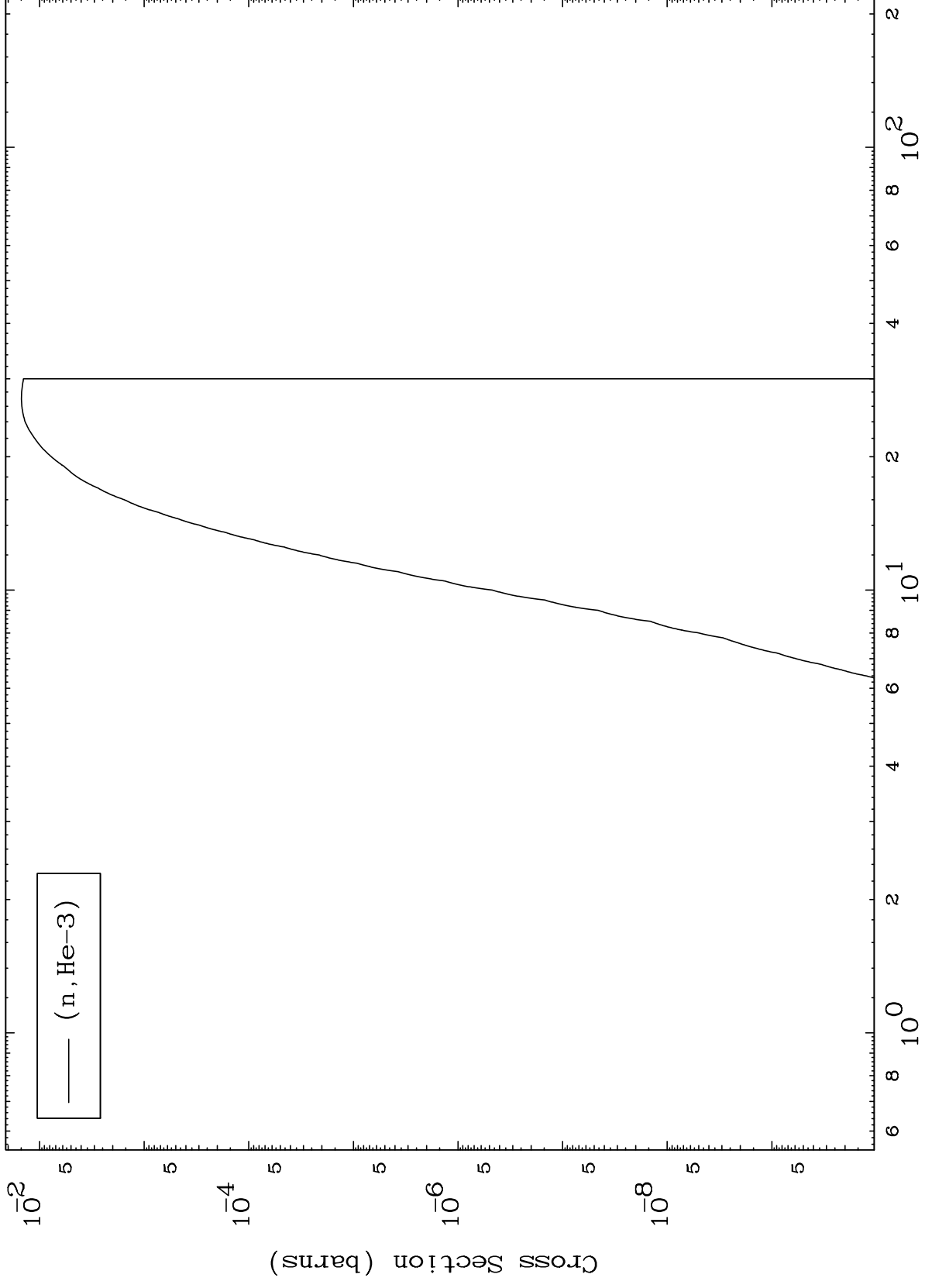
Incident Energy (MeV)

41-Nb-85m

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(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-85m



13

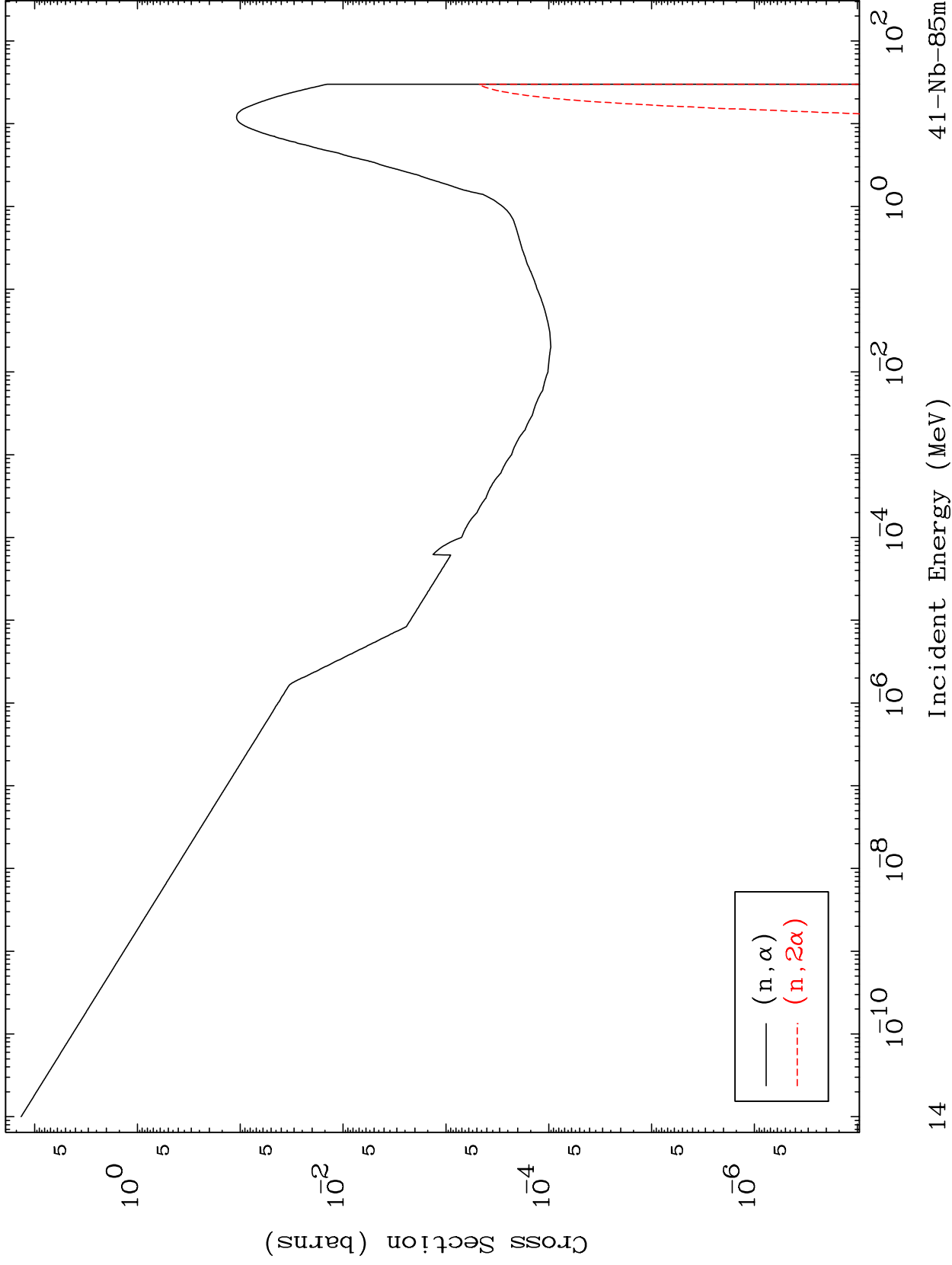
Incident Energy (MeV)

41-Nb-85m

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(n, α) Levels
293 Kelvin Cross Sections

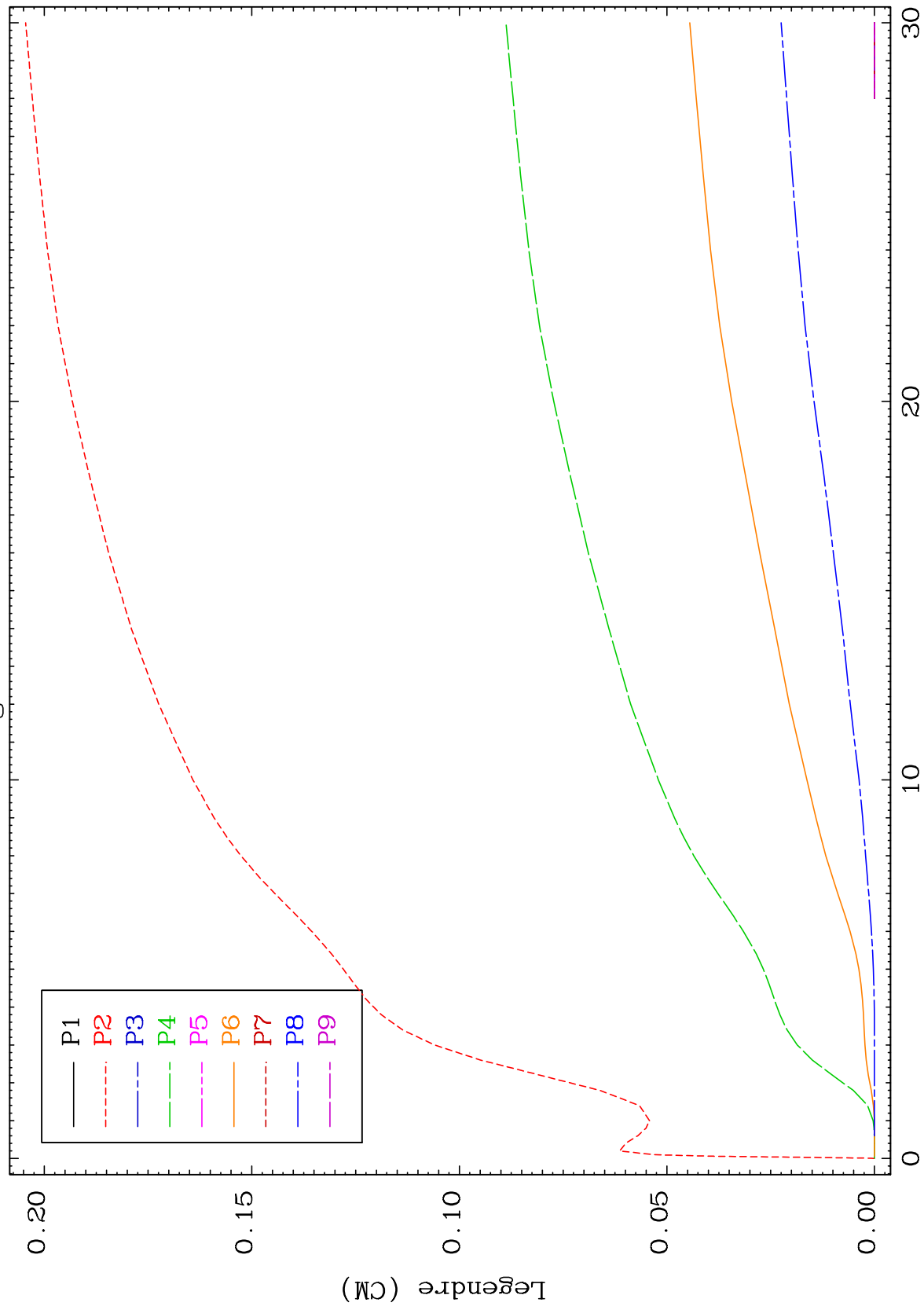
41-Nb-85m



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Elastic
Legendre Coefficients

41-Nb-85m



15

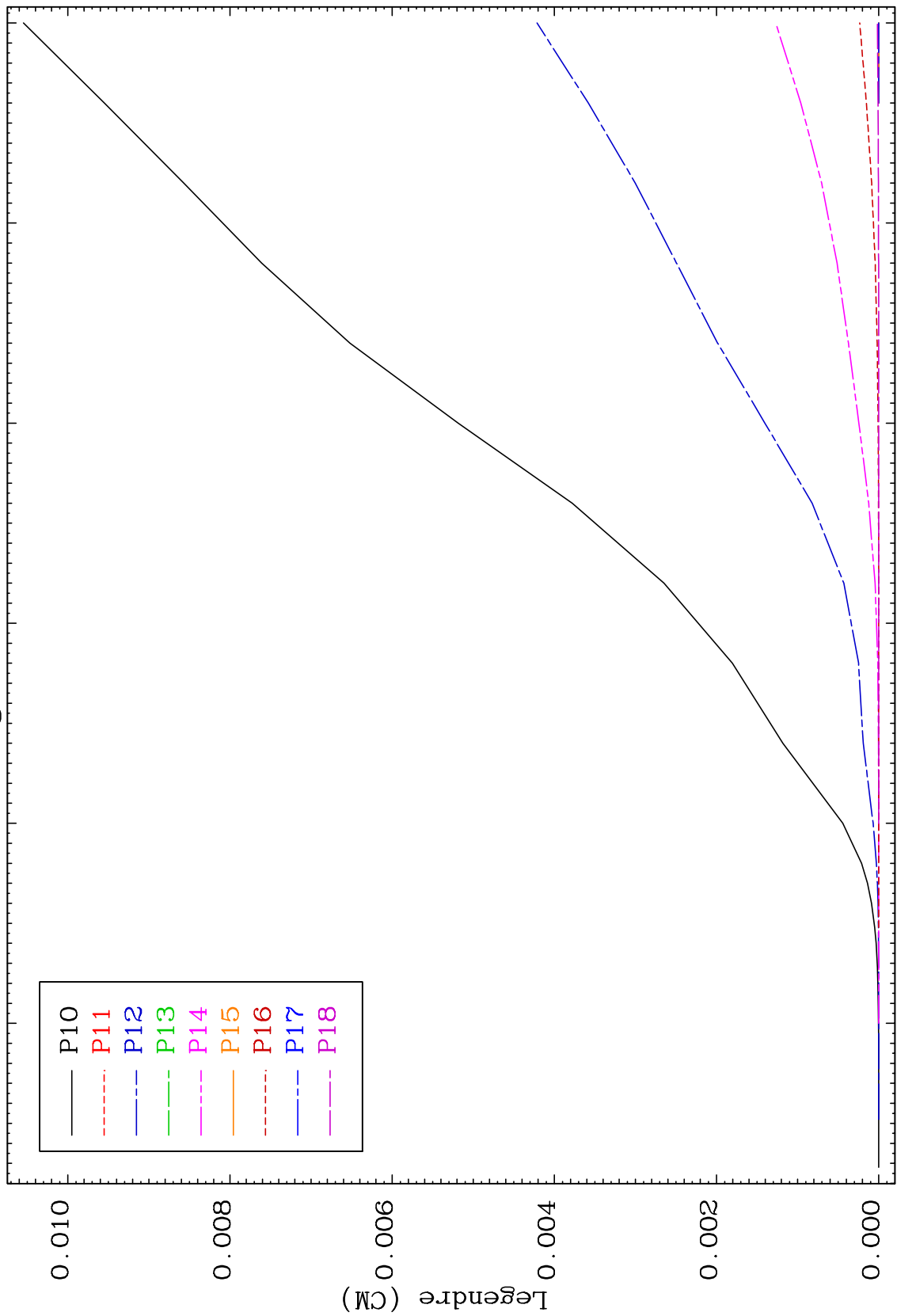
Incident Energy (MeV)

41-Nb-85m

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Elastic Legendre Coefficients

41-Nb-85m



16

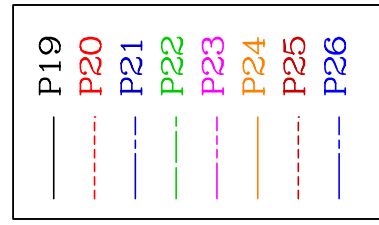
41-Nb-85m

Incident Energy (MeV)

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Elastic
Legendre Coefficients

41-Nb-85m



$\times 10^{-7}$

Legendre (CM)

8
6
4
2
0

15

20

25

30

17

Incident Energy (MeV)

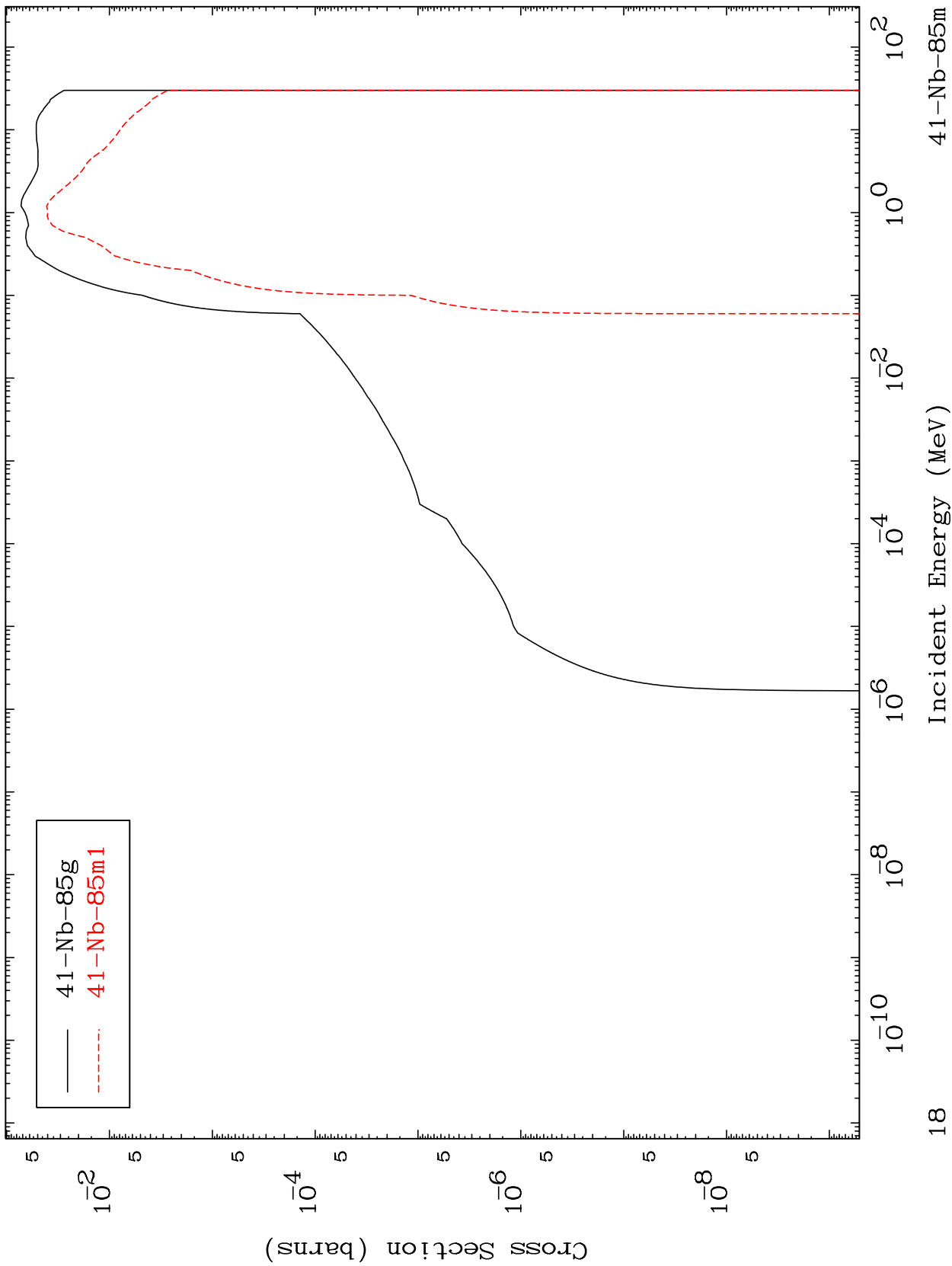
41-Nb-85m



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Inelastic
Radionuclide Production Cross Section

41-Nb-85m

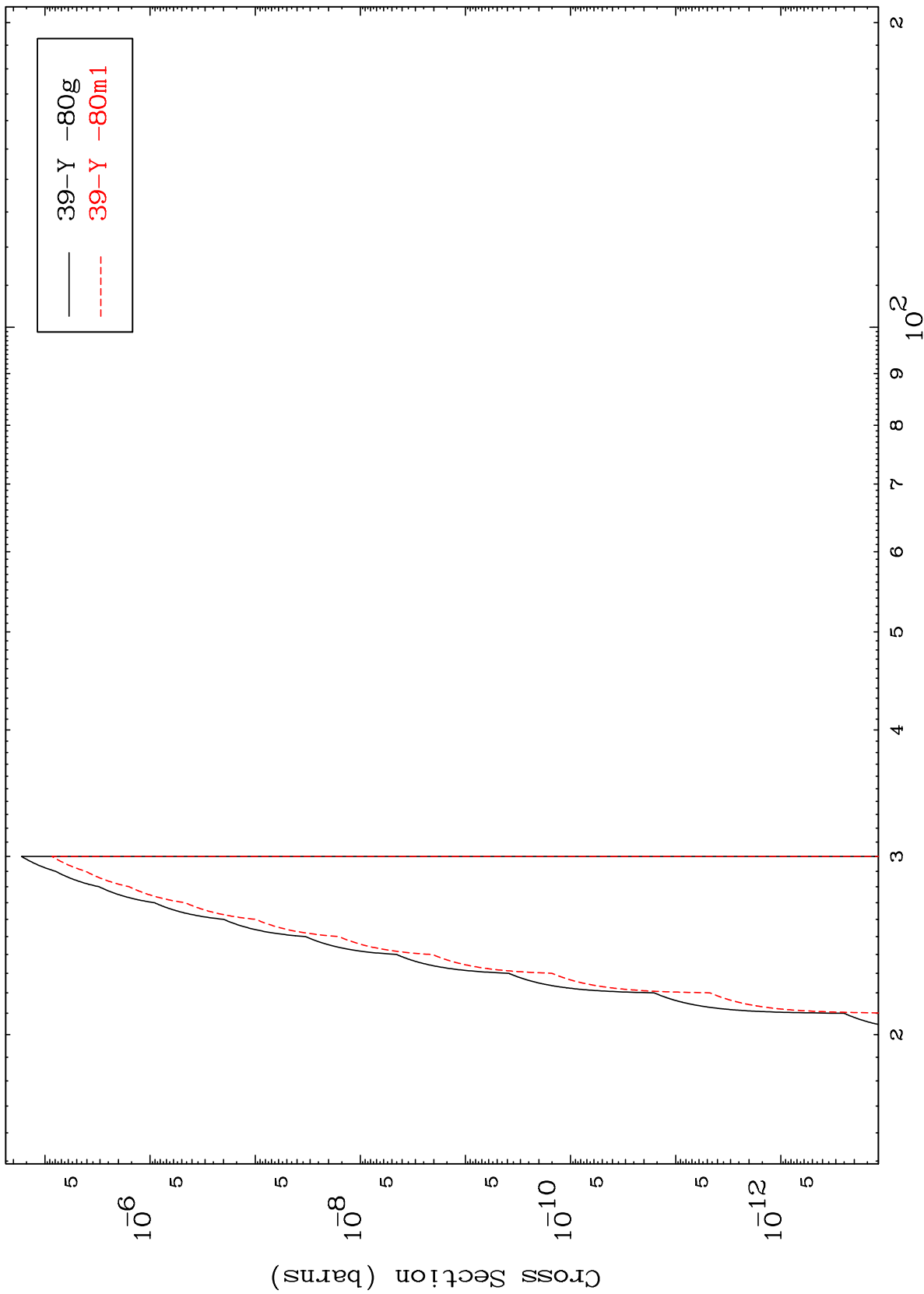


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$(n,2n) \alpha$

41-Nb-85m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

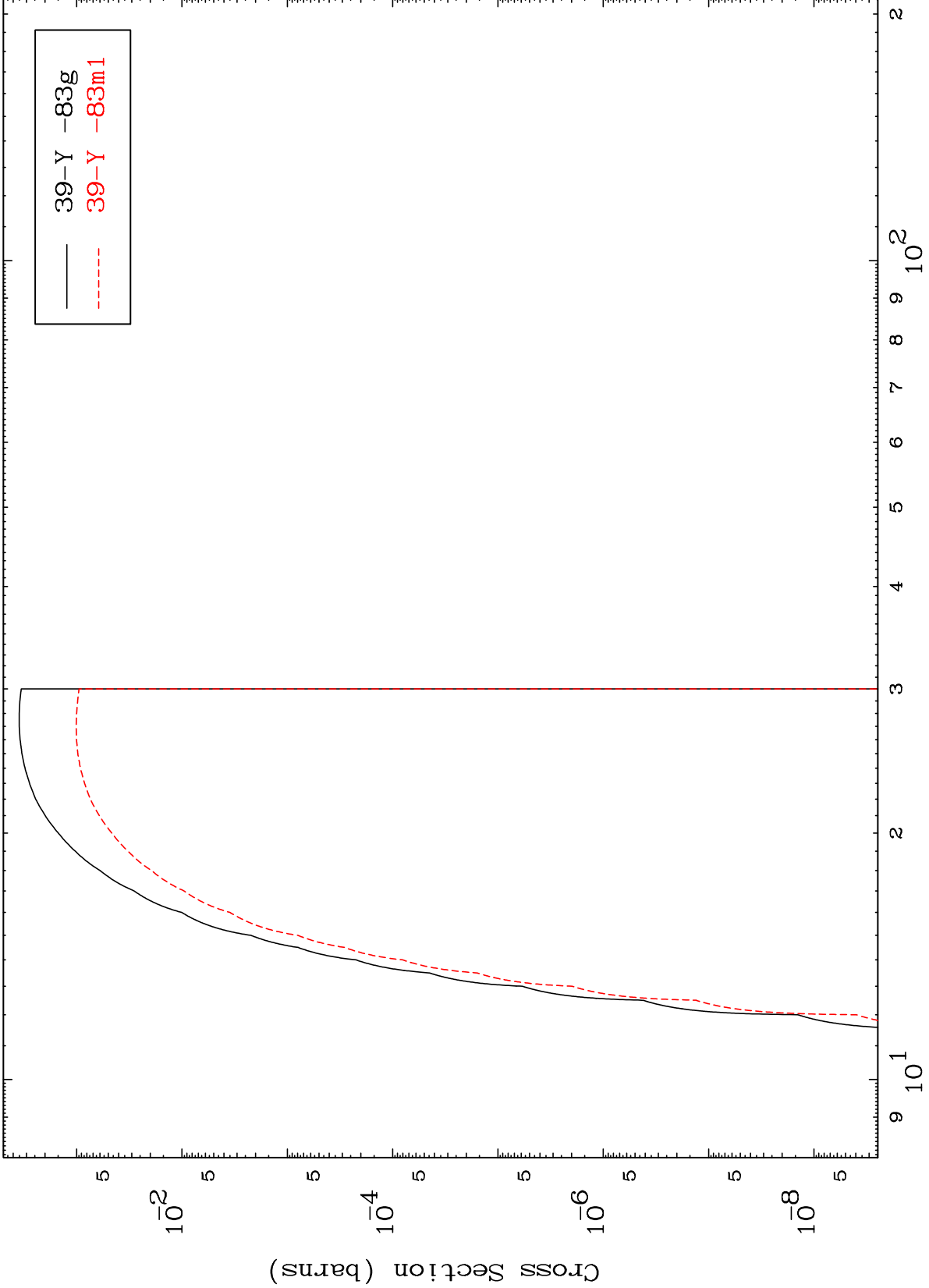
41-Nb-85m

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(n,2n) p

41-Nb-85m

Radionuclide Production Cross Section



39-Y -83g
39-Y -83m1

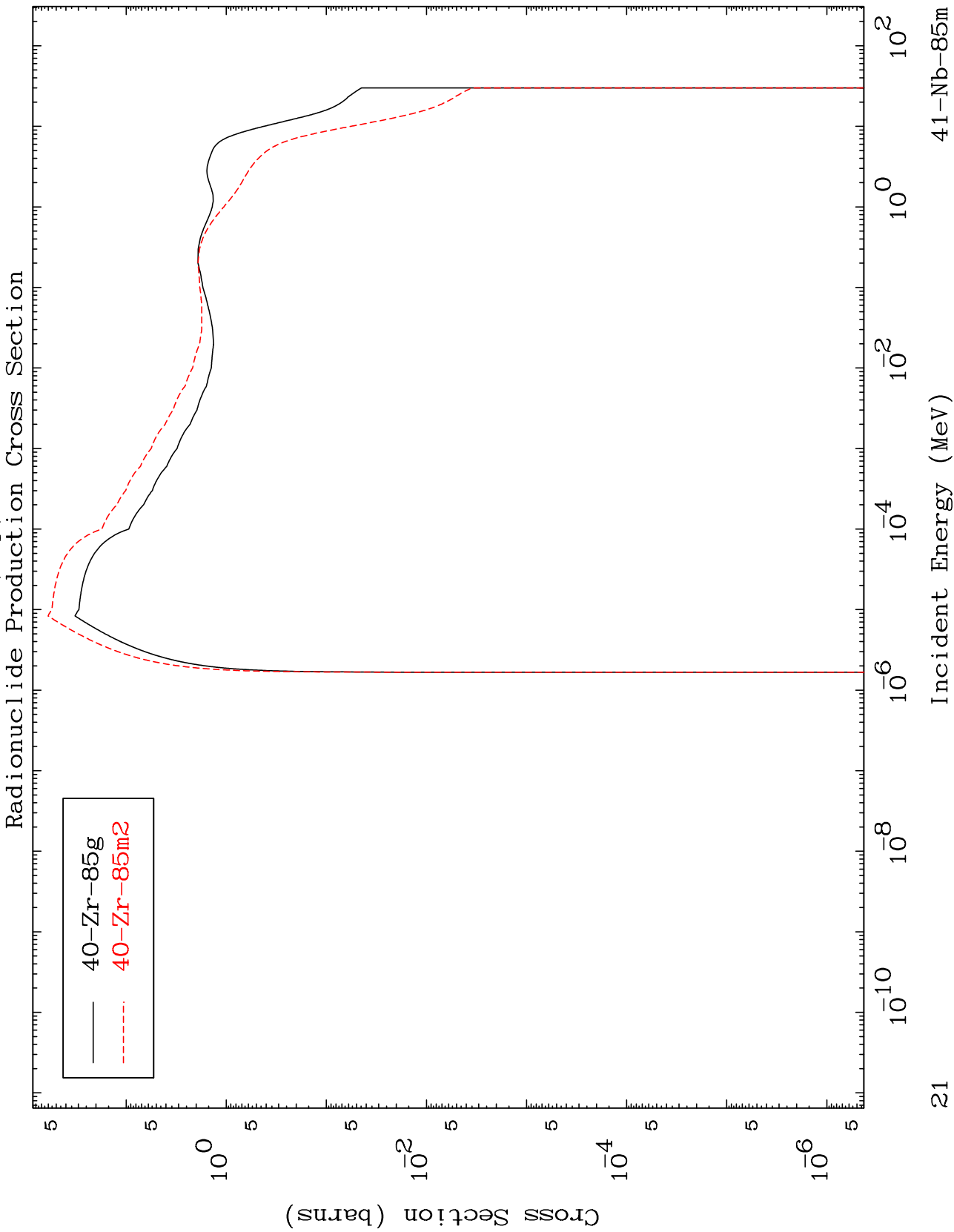
20

Incident Energy (MeV)

41-Nb-85m

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41-Nb-85m



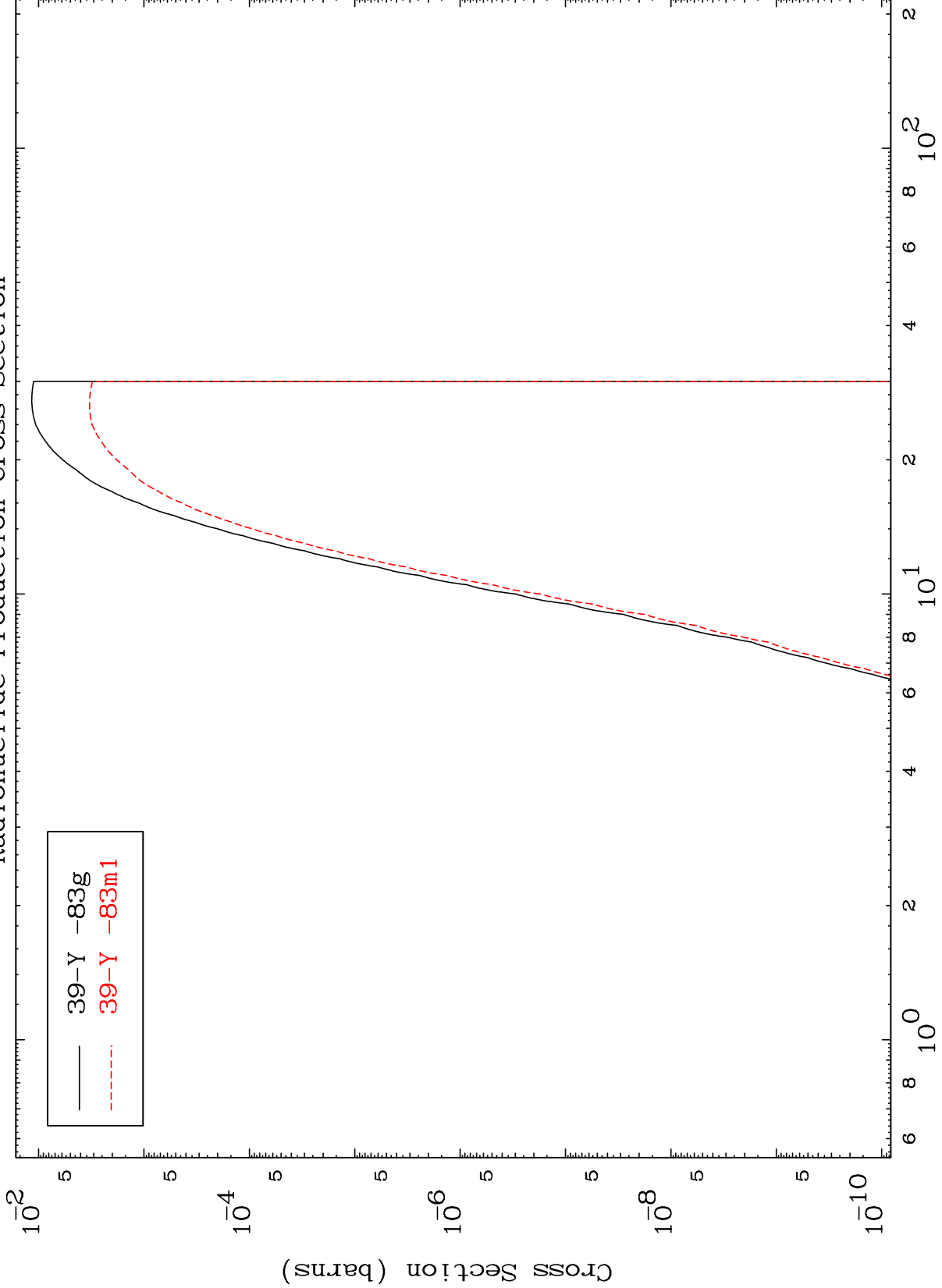
— 40-Zr-85g
- - - 40-Zr-85m2

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(n,He-3)

41-Nb-85m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

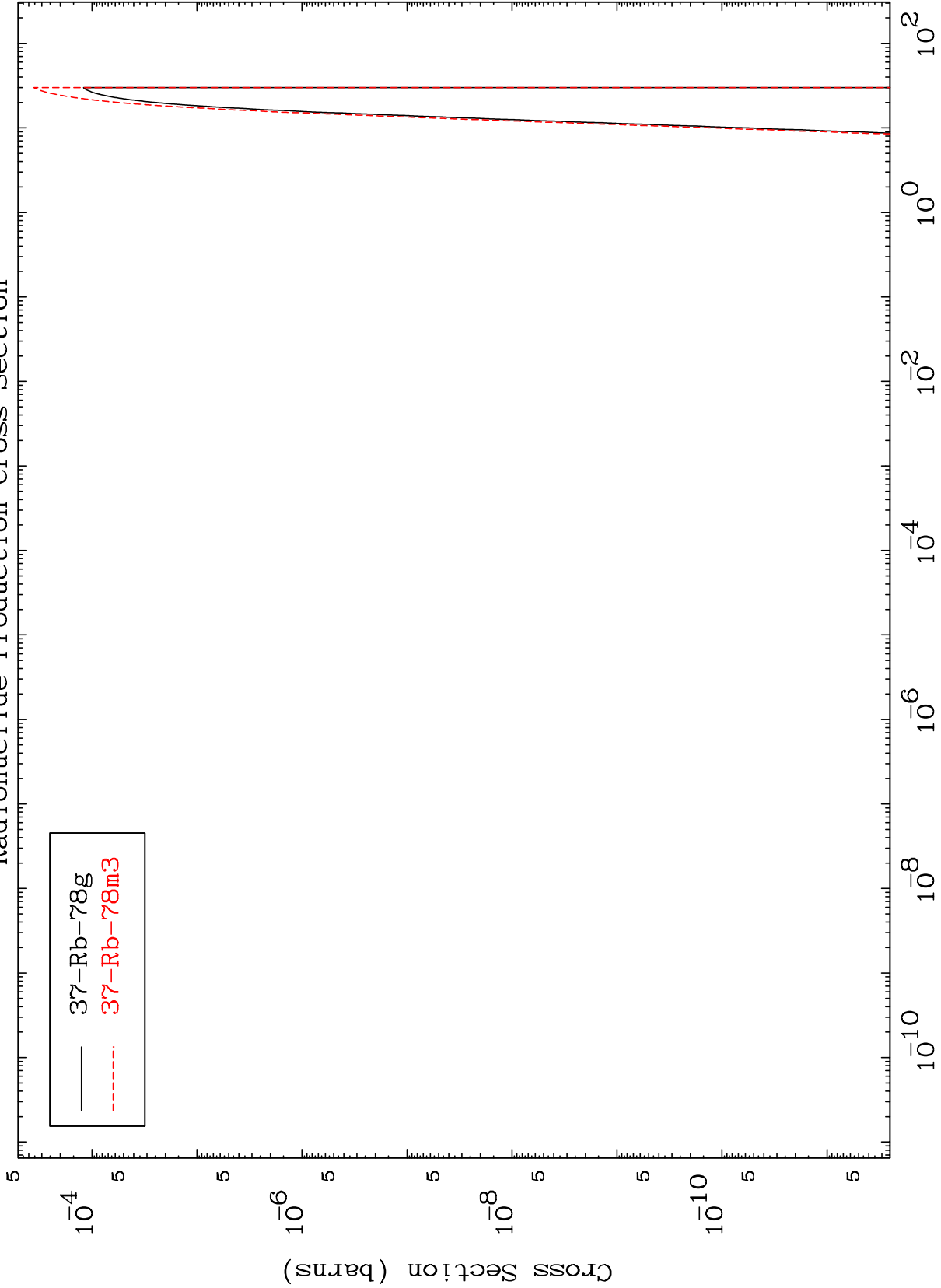
41-Nb-85m

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(n,2α)

41-Nb-85m

Radionuclide Production Cross Section



Incident Energy (MeV)

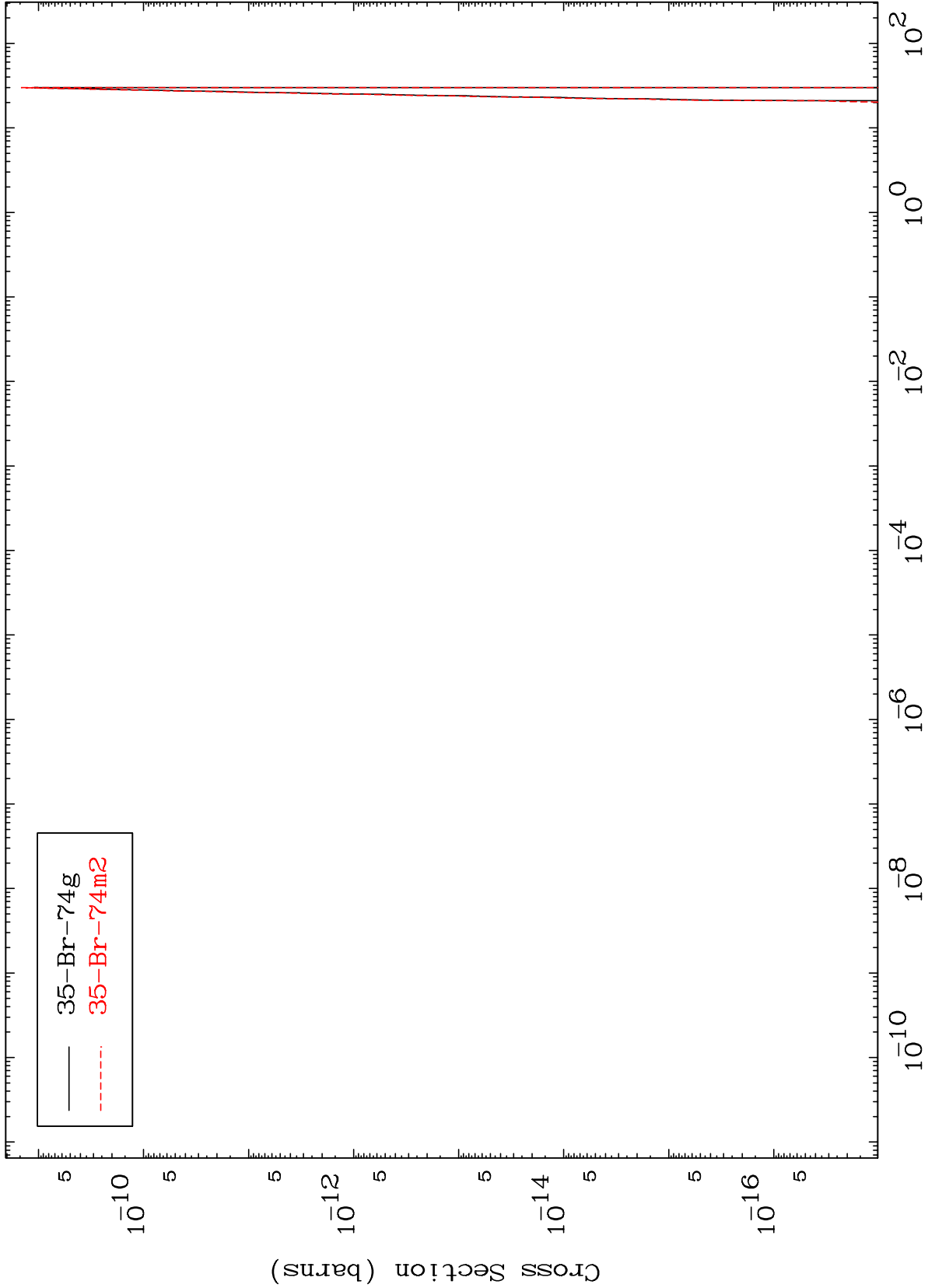
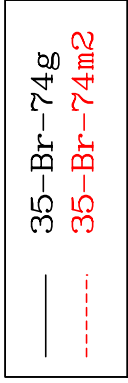
41-Nb-85m

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(n,3α)

41-Nb-85m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

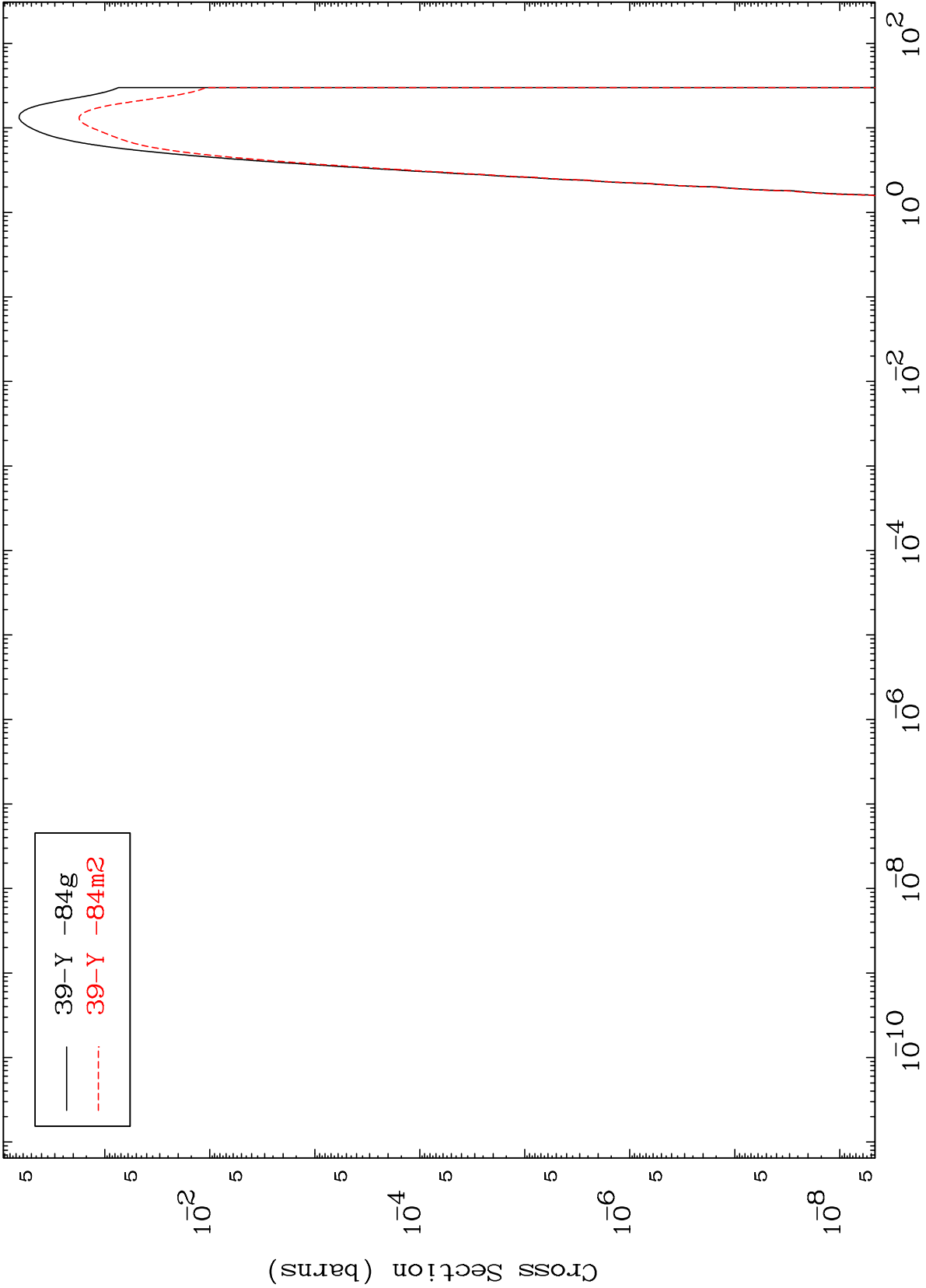
41-Nb-85m

MAT 4102

(n,2p)

41-Nb-85m

Radionuclide Production Cross Section

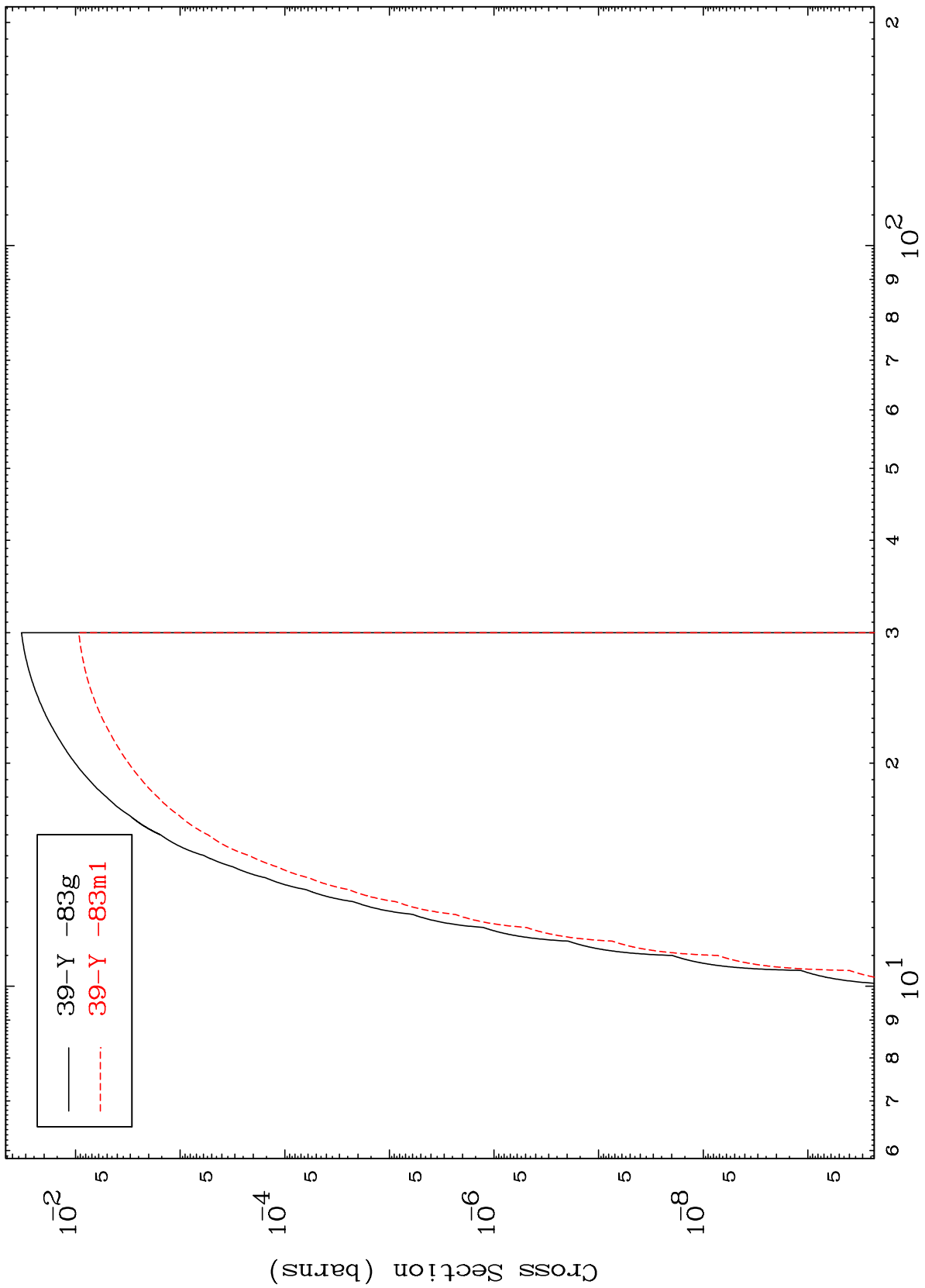


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(n,p) d

41-Nb-85m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

41-Nb-85m