

Program EVALPLOT
(Version 2015-2)

by

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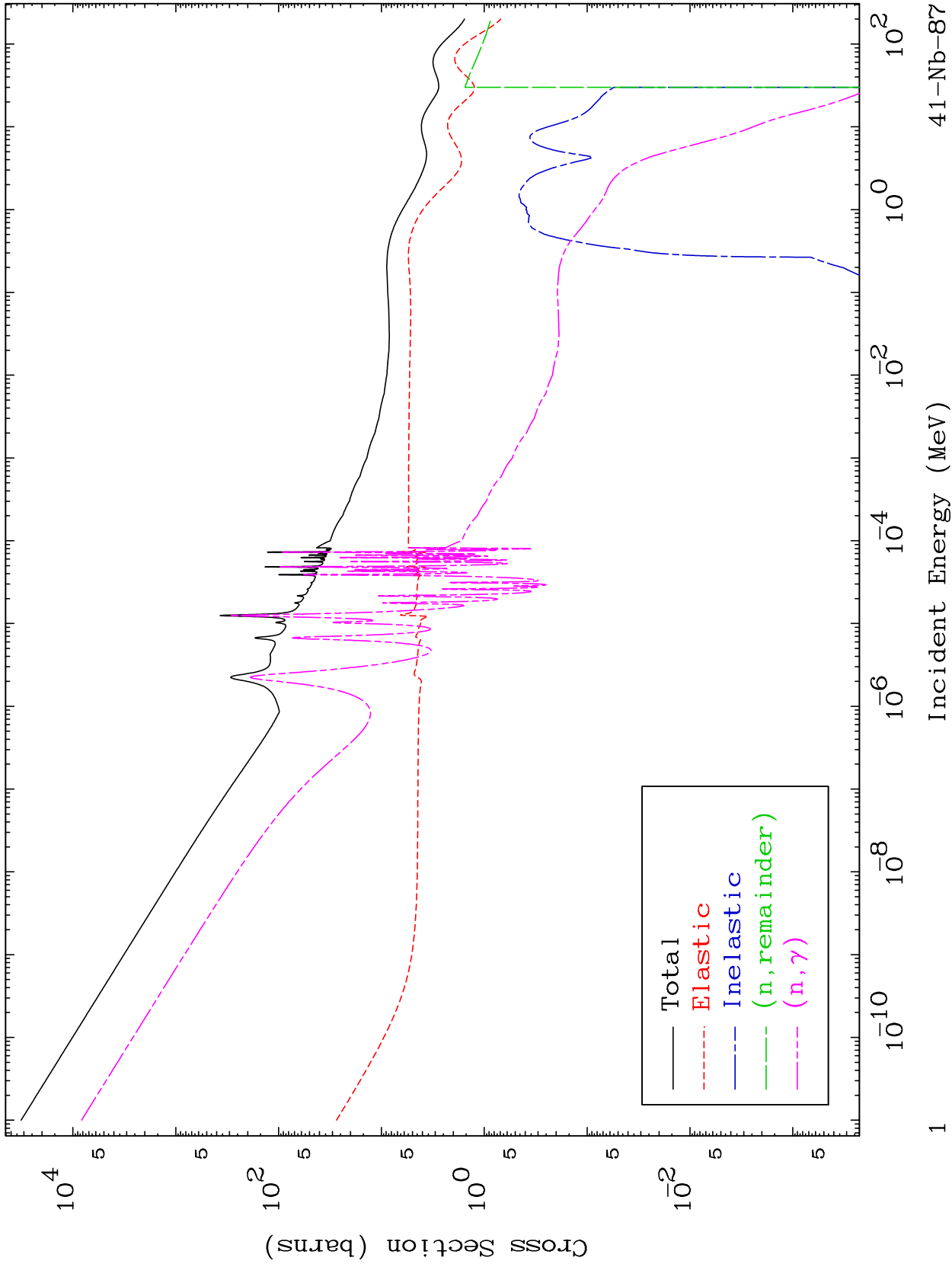
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

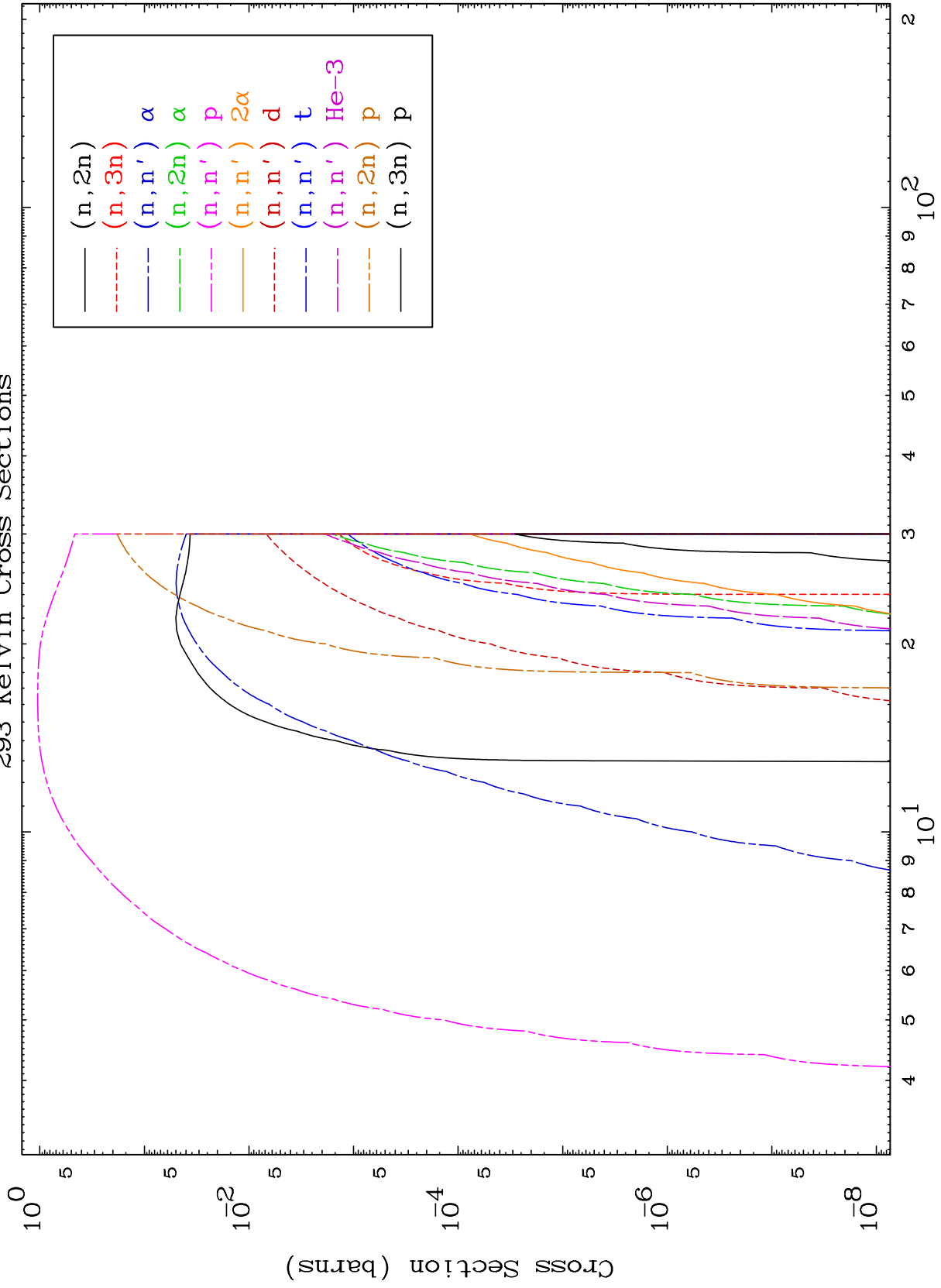
MAT 4108

Major
293 Kelvin Cross Sections

41-Nb-87



Neutron Production
293 Kelvin Cross Sections

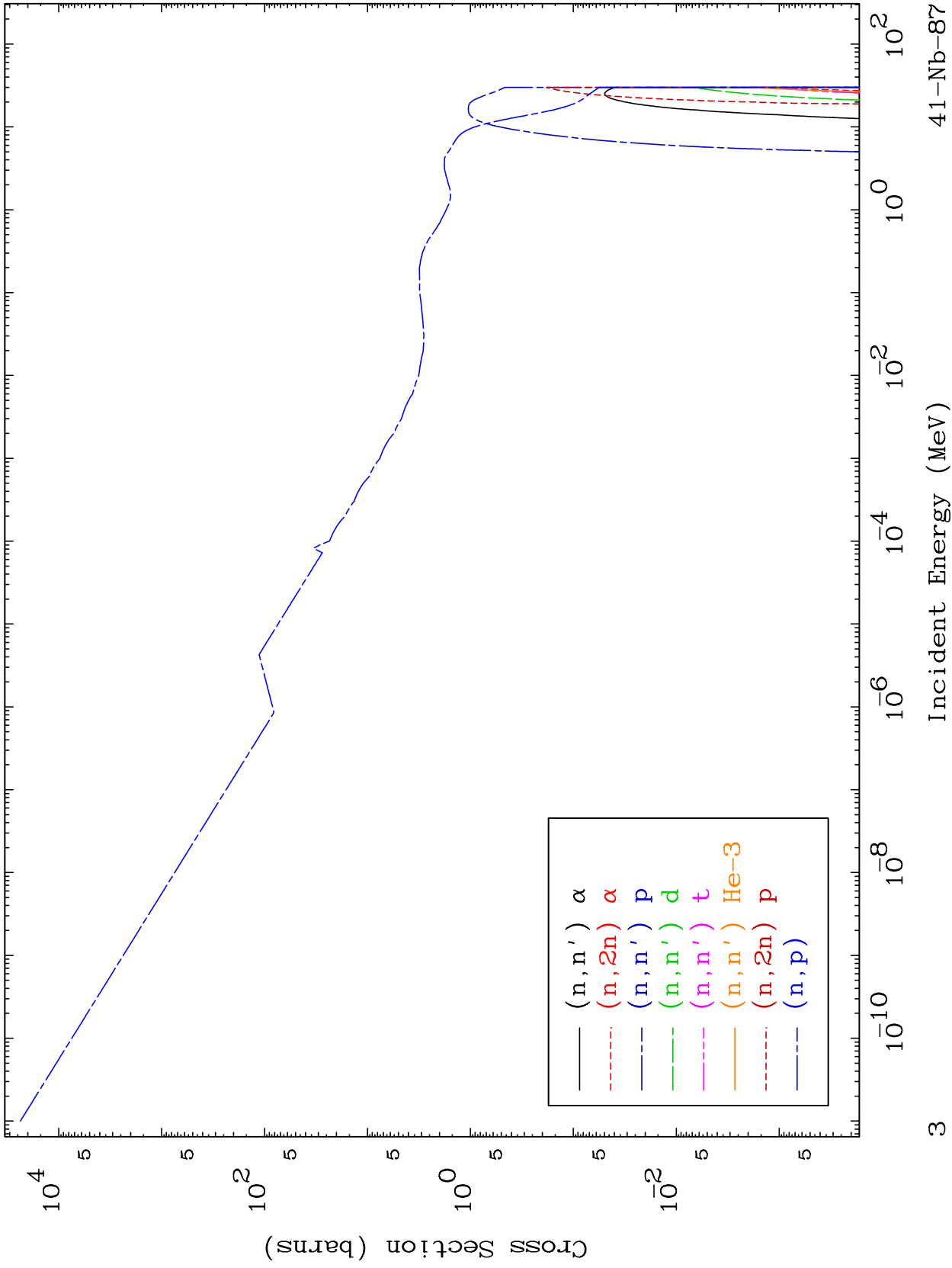


Incident Energy (MeV)

MAT 4108

Charged Particle
293 Kelvin Cross Sections

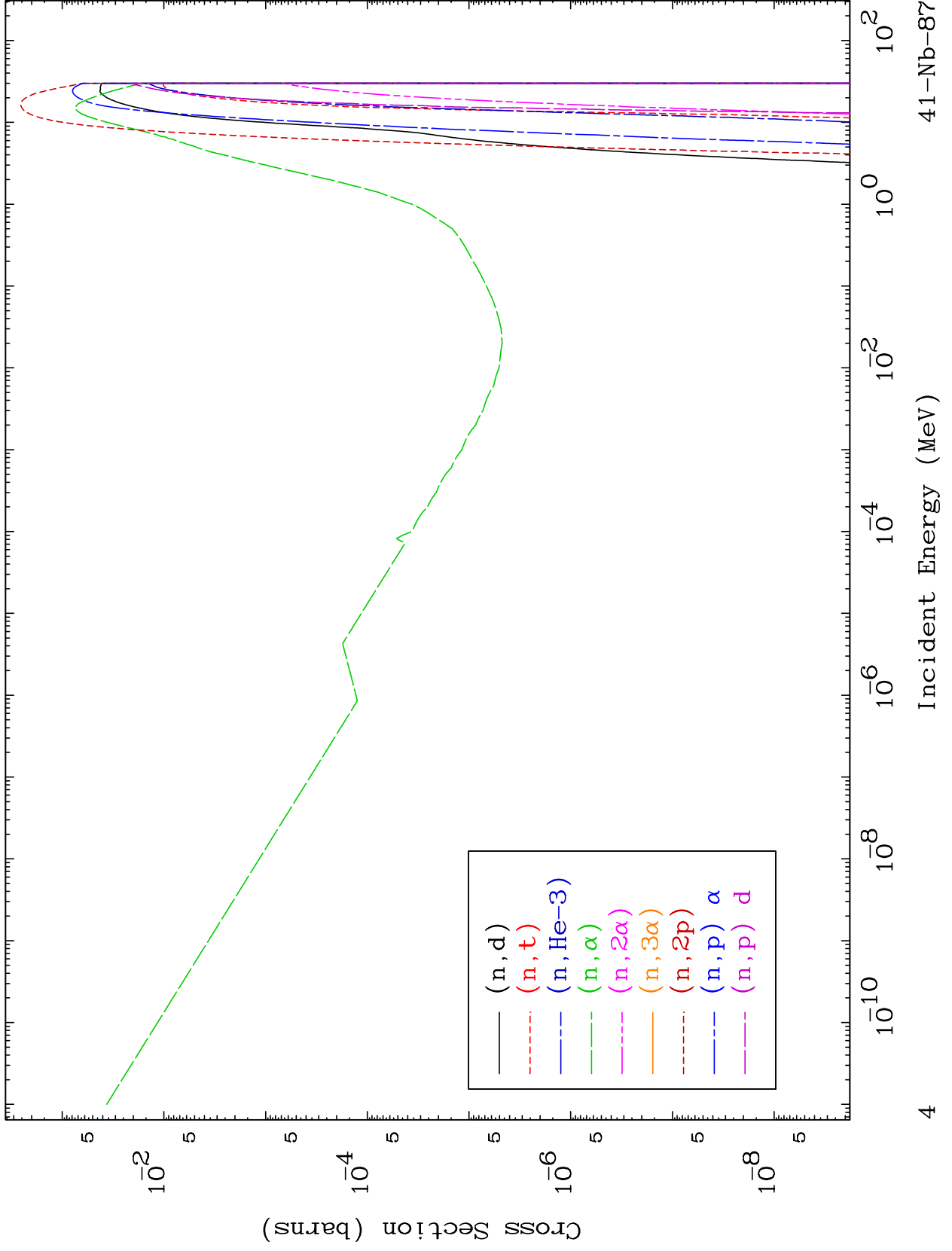
41-Nb-87



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Charged Particle
293 Kelvin Cross Sections

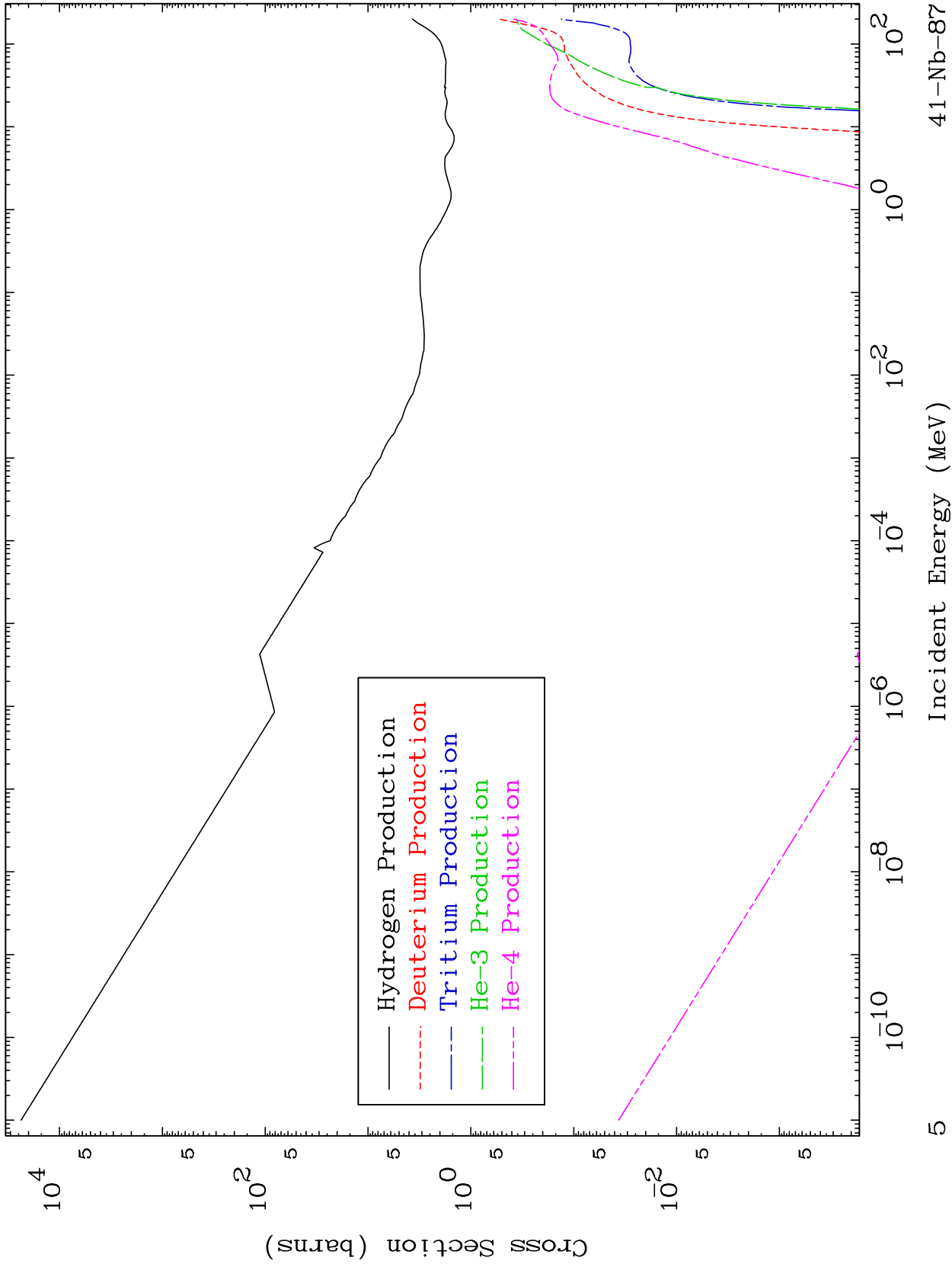
41-Nb-87



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Particle Production
293 Kelvin Cross Sections

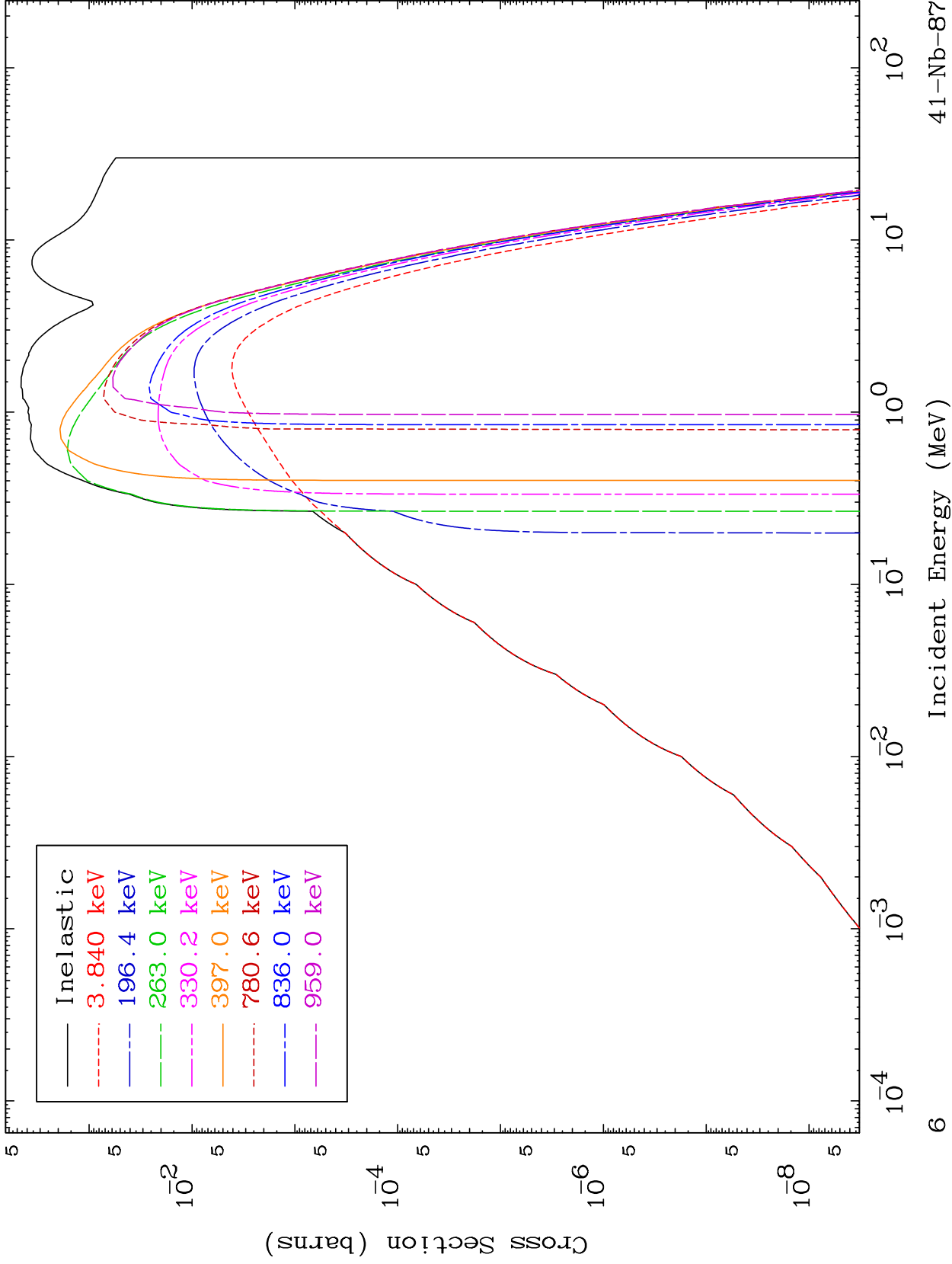
41-Nb-87



MAT 4108

(n,n') Level
293 Kelvin Cross Sections

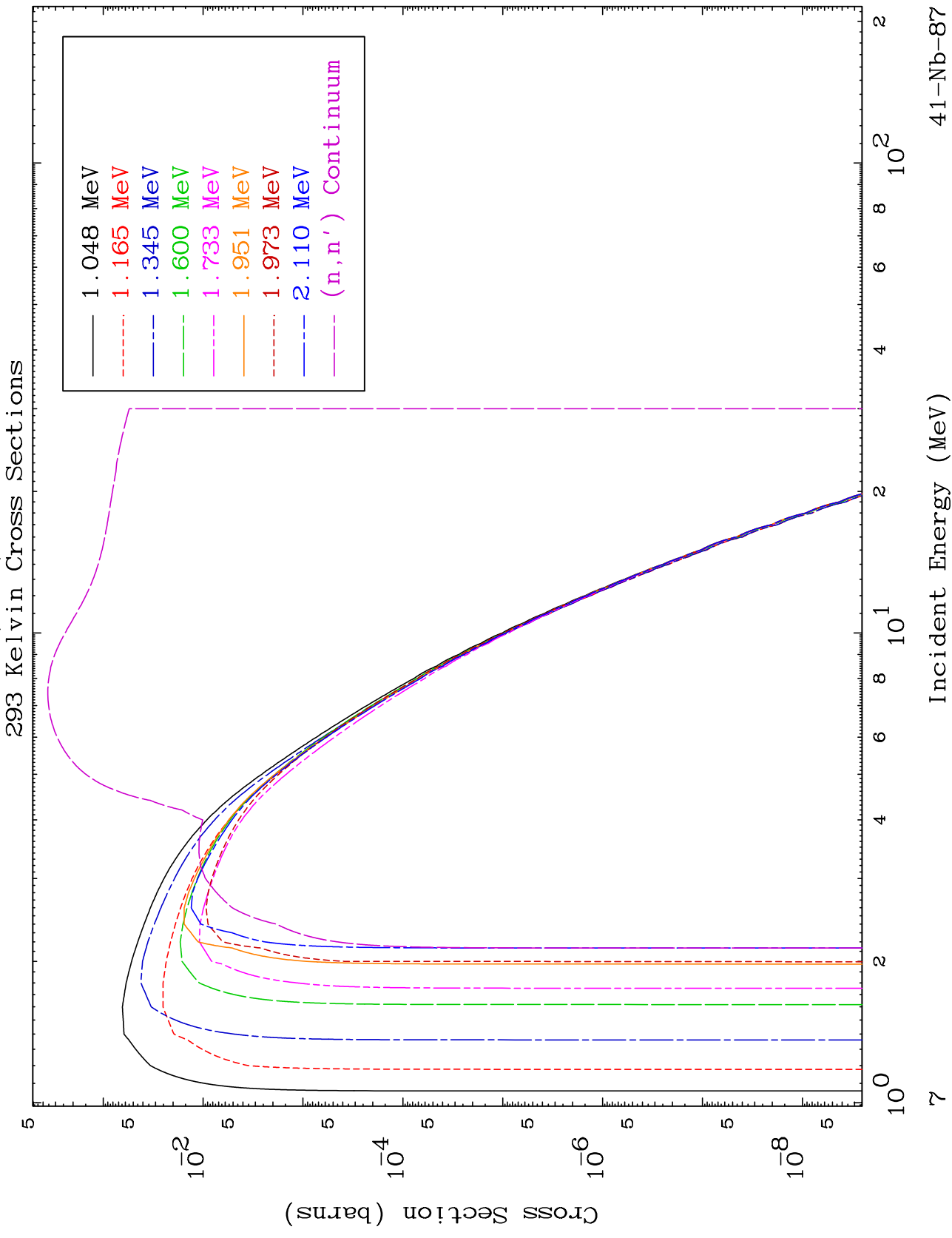
41-Nb-87



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(n,n') Level

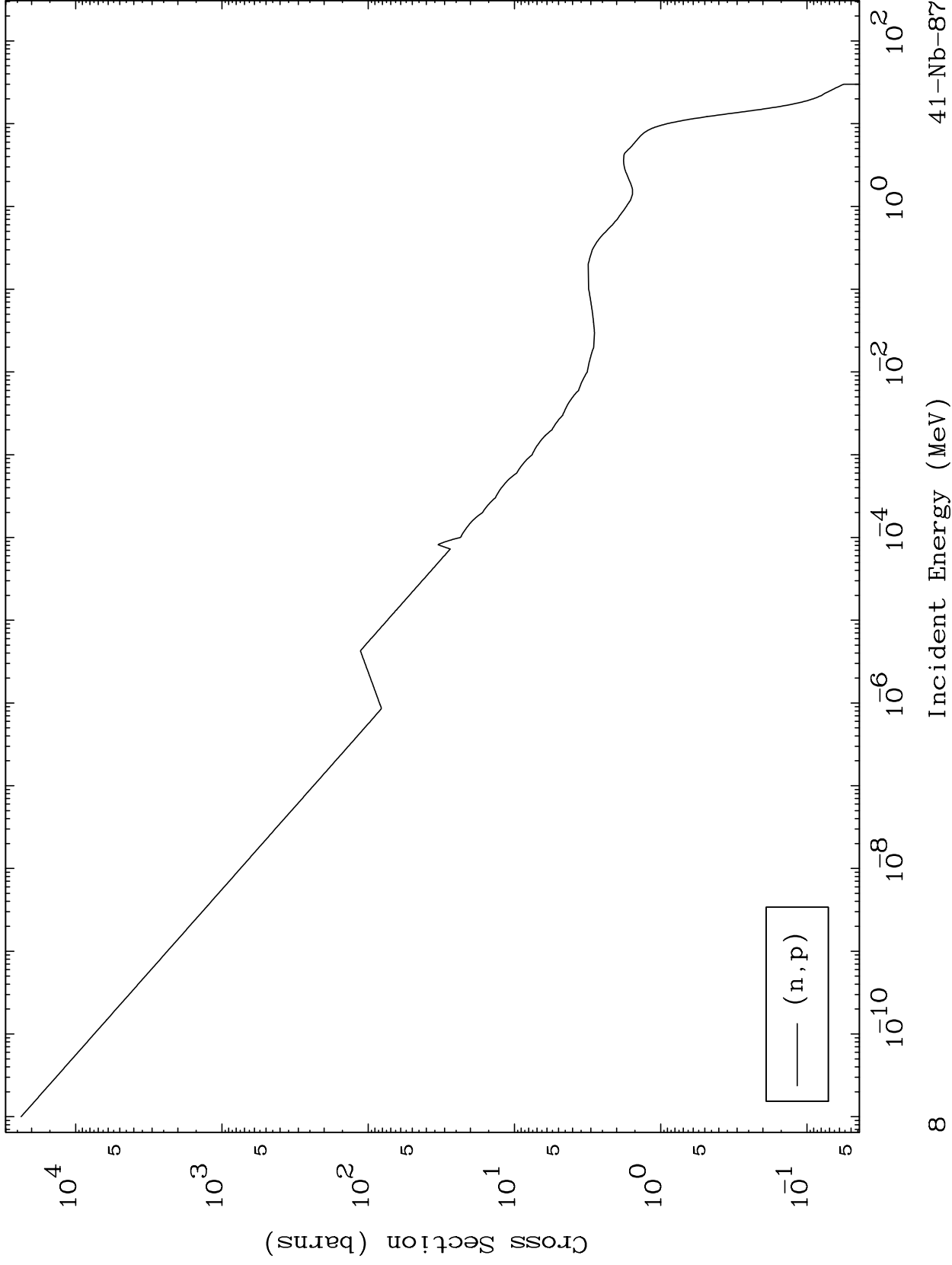
41-Nb-87



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(n,p) Levels
293 Kelvin Cross Sections

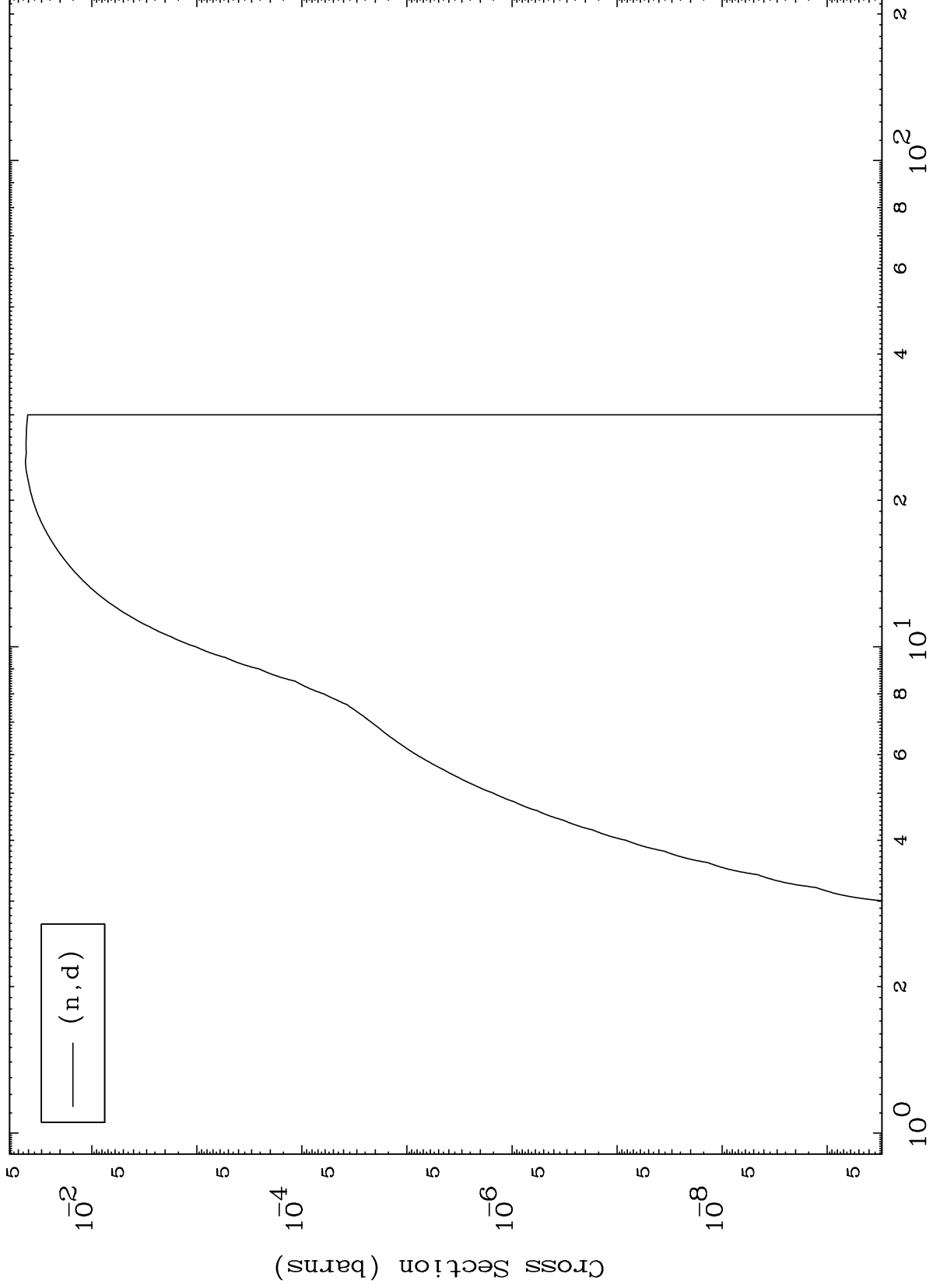
41-Nb-87



MAT 4108

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-87



(n,d)

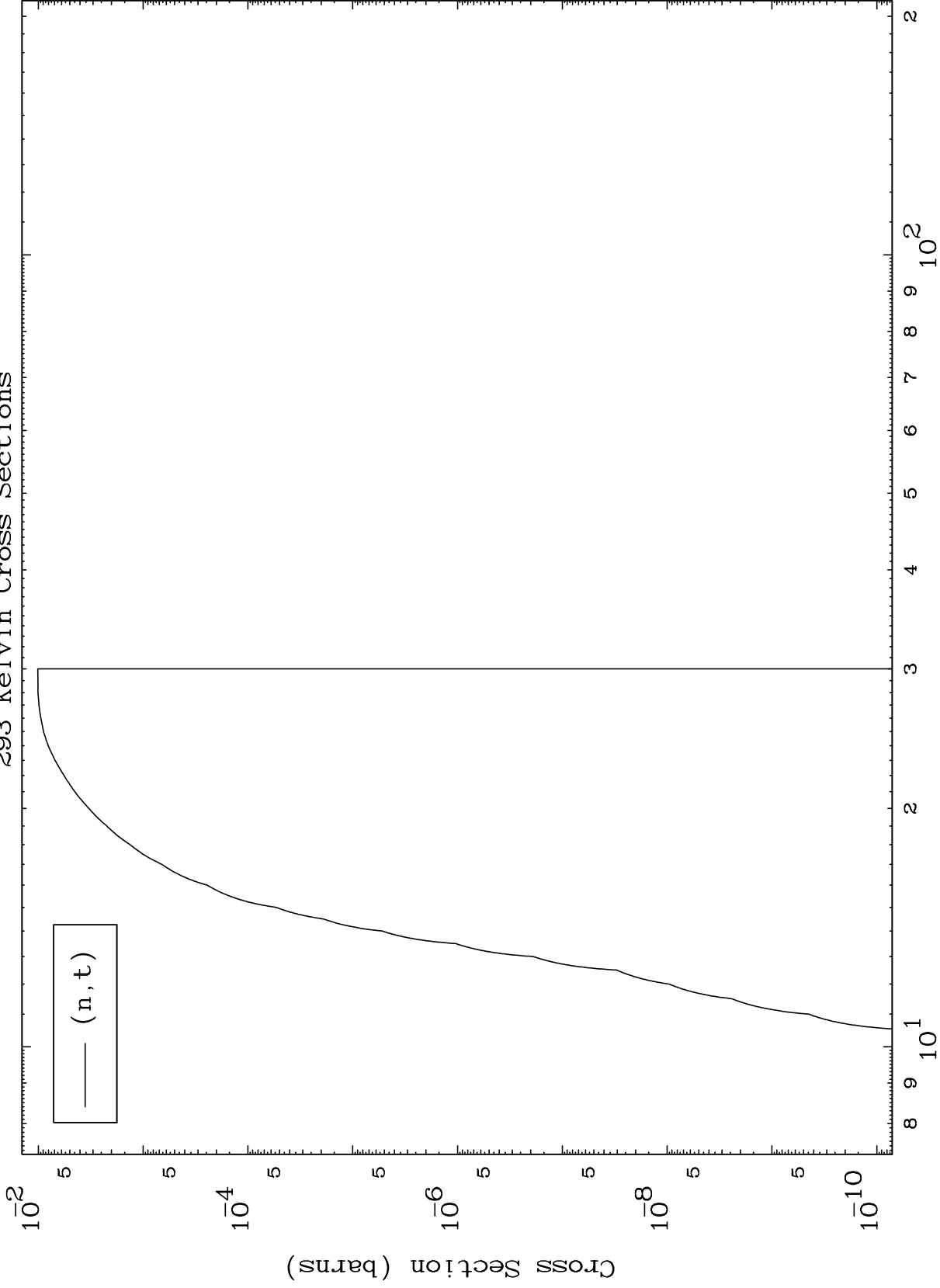
Incident Energy (MeV)

41-Nb-87

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(n,t) Levels
293 Kelvin Cross Sections

41-Nb-87



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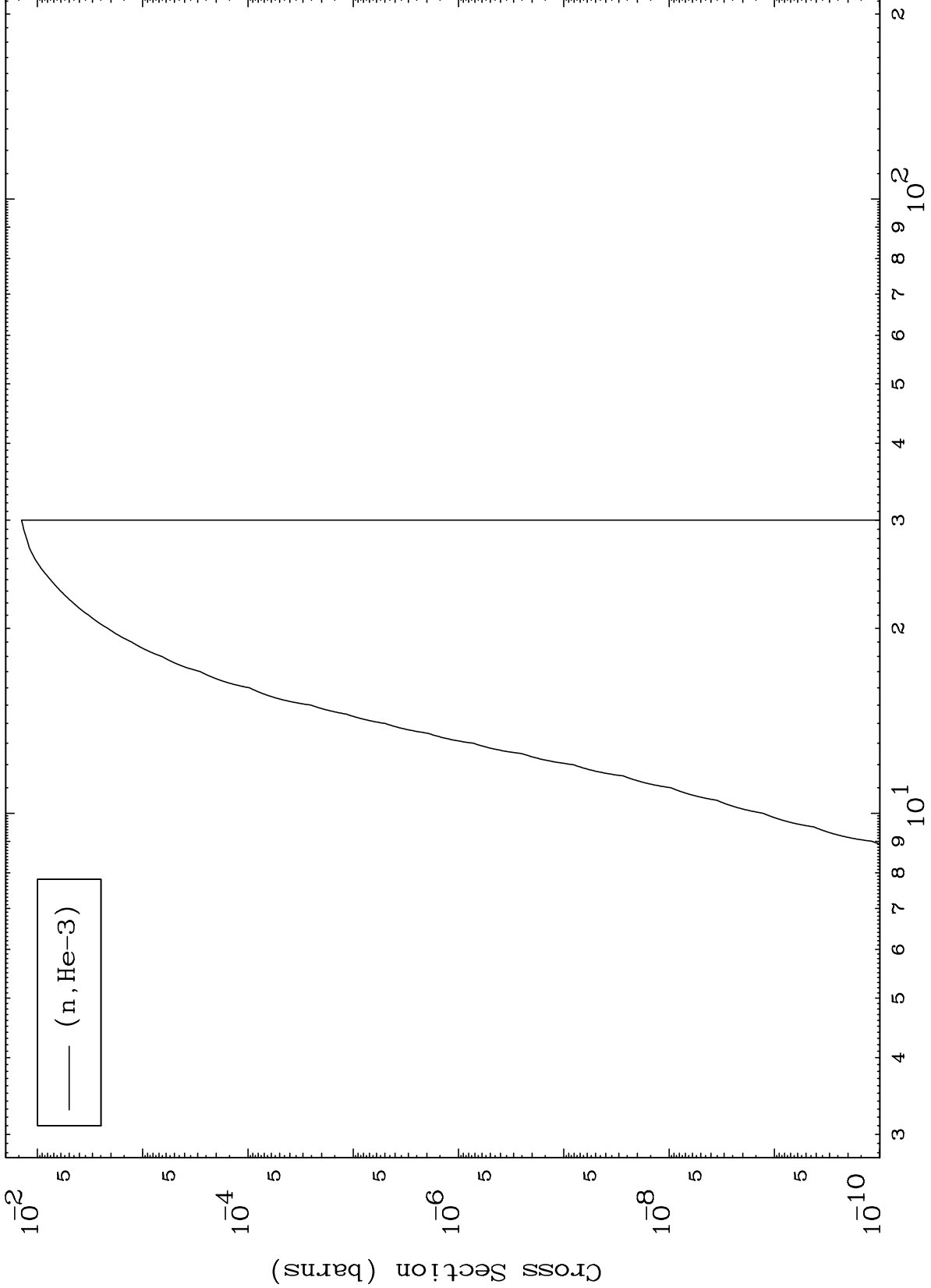
Incident Energy (MeV)

41-Nb-87

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(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-87



11

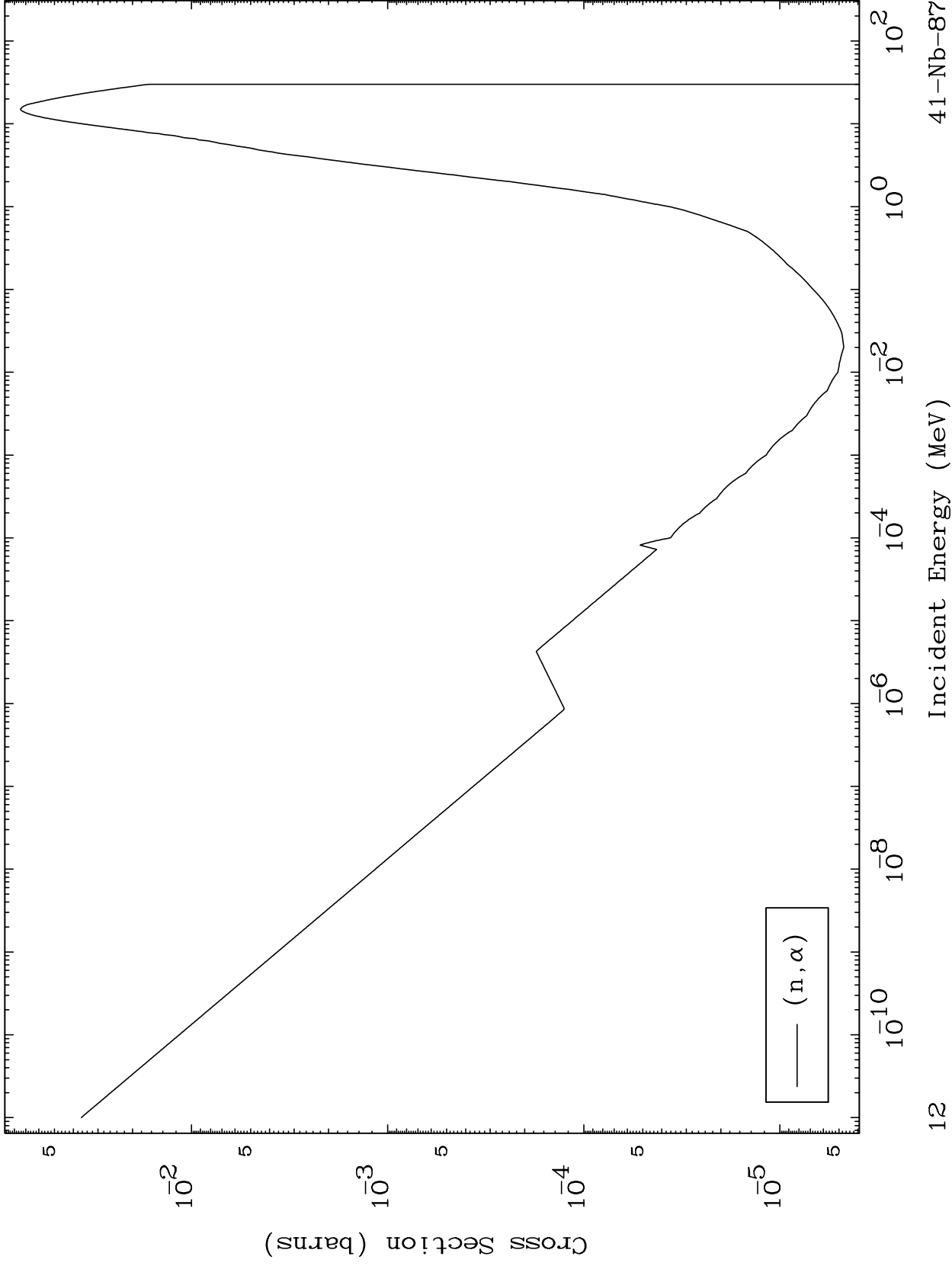
Incident Energy (MeV)

41-Nb-87

MAT 4108

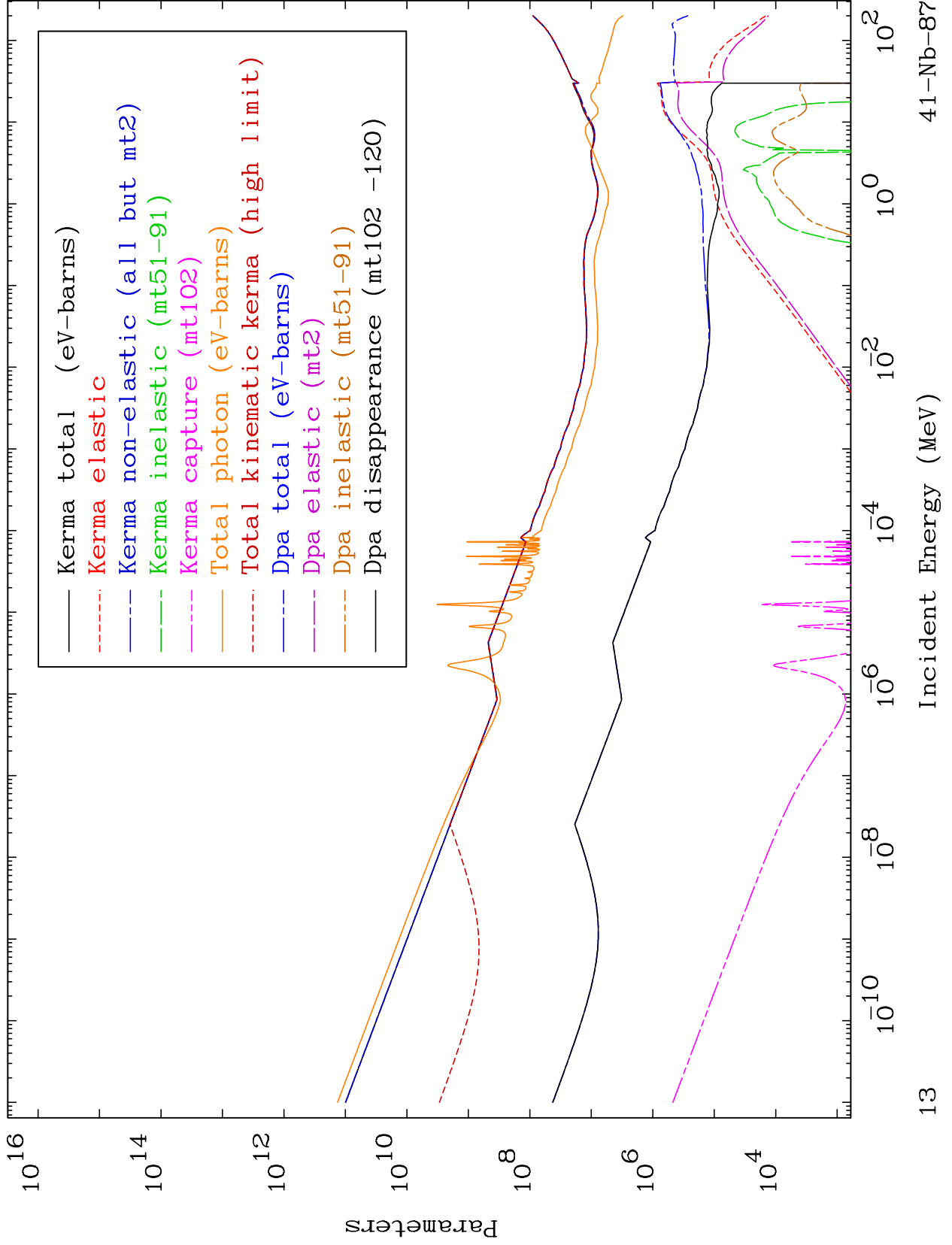
(n, α) Levels
293 Kelvin Cross Sections

41-Nb-87



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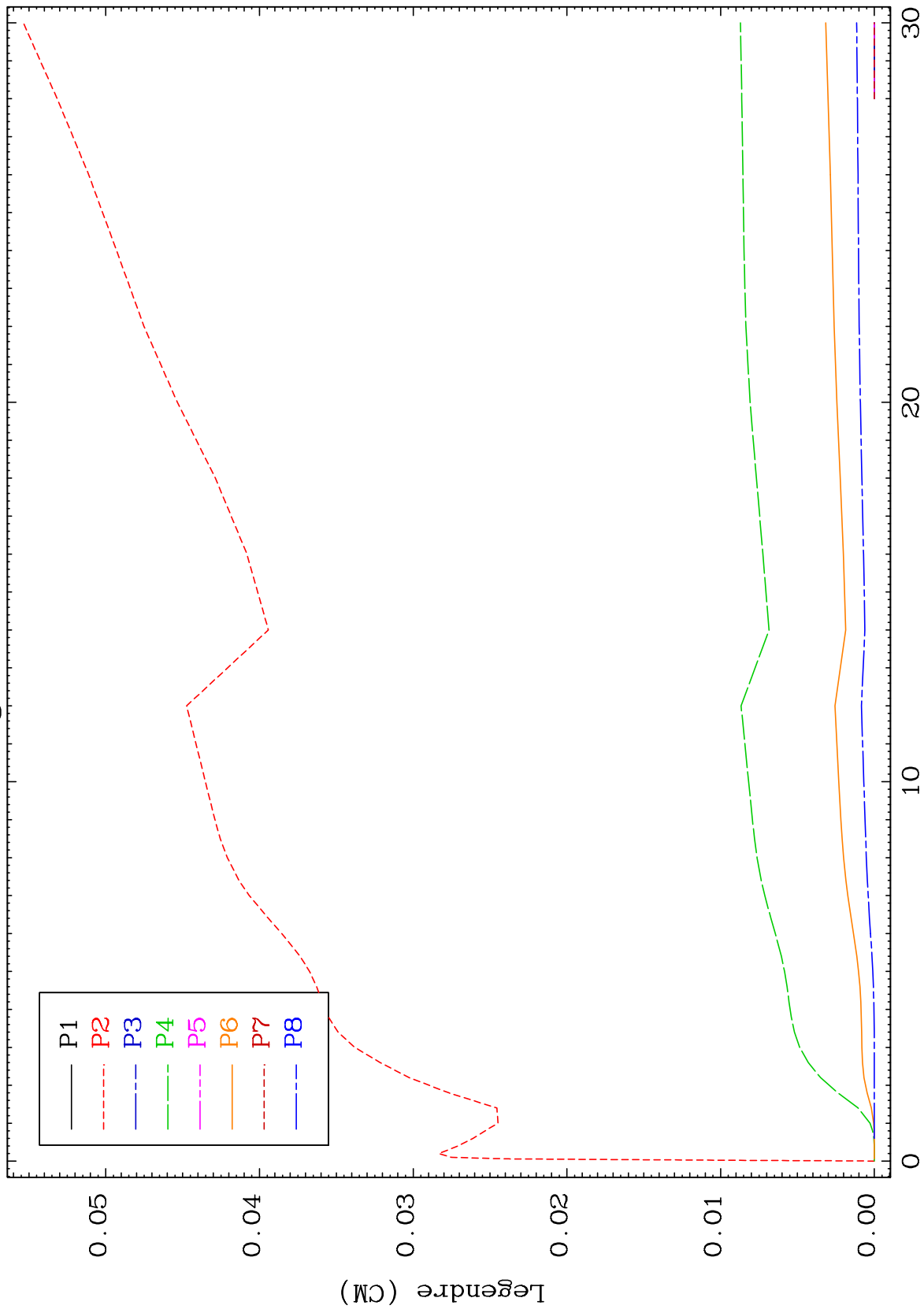
41-Nb-87



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Elastic
Legendre Coefficients

41-Nb-87



14

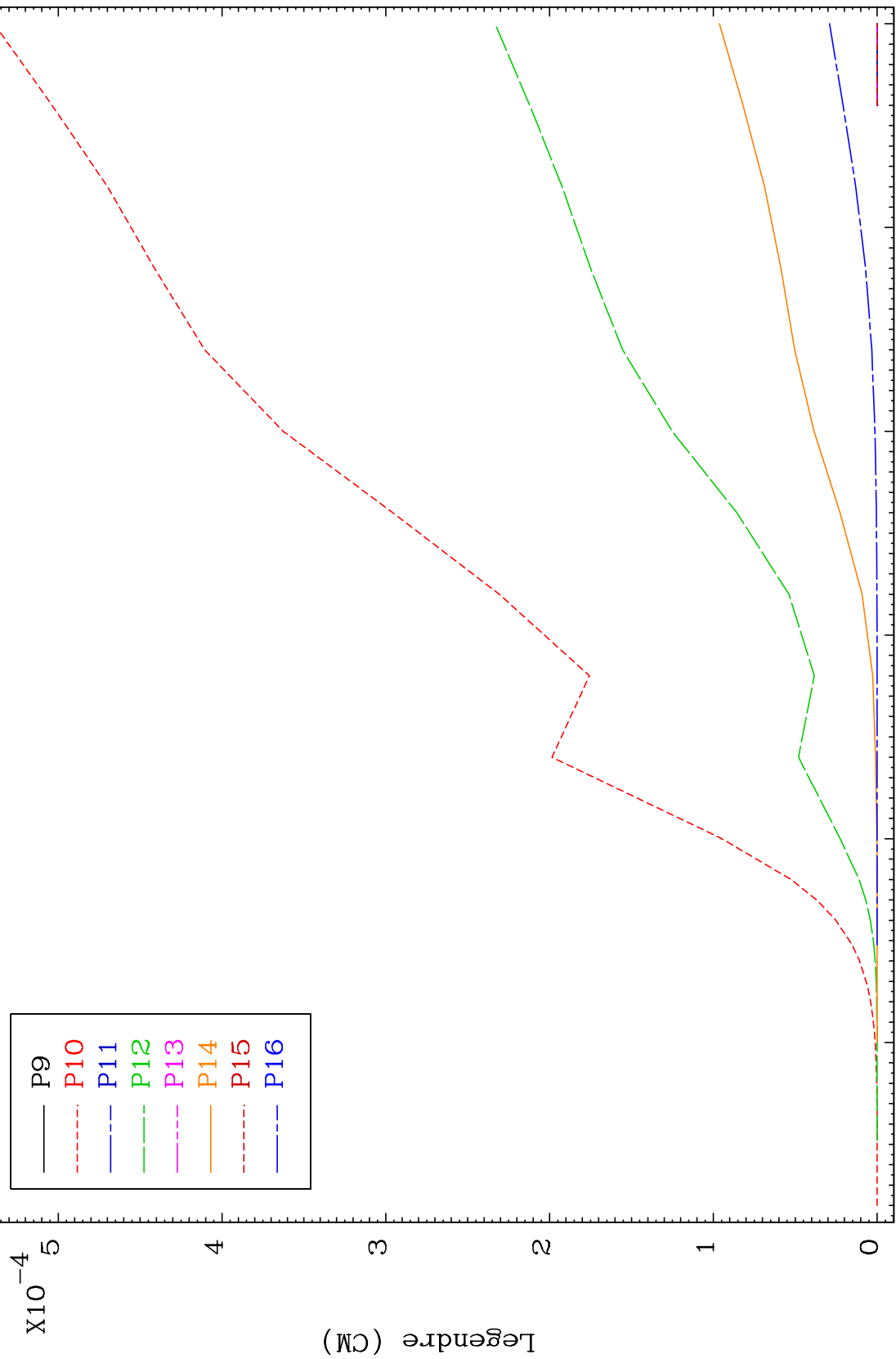
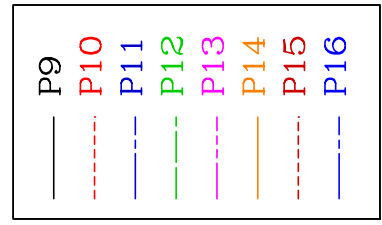
Incident Energy (MeV)

41-Nb-87

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Elastic Legendre Coefficients

41-Nb-87



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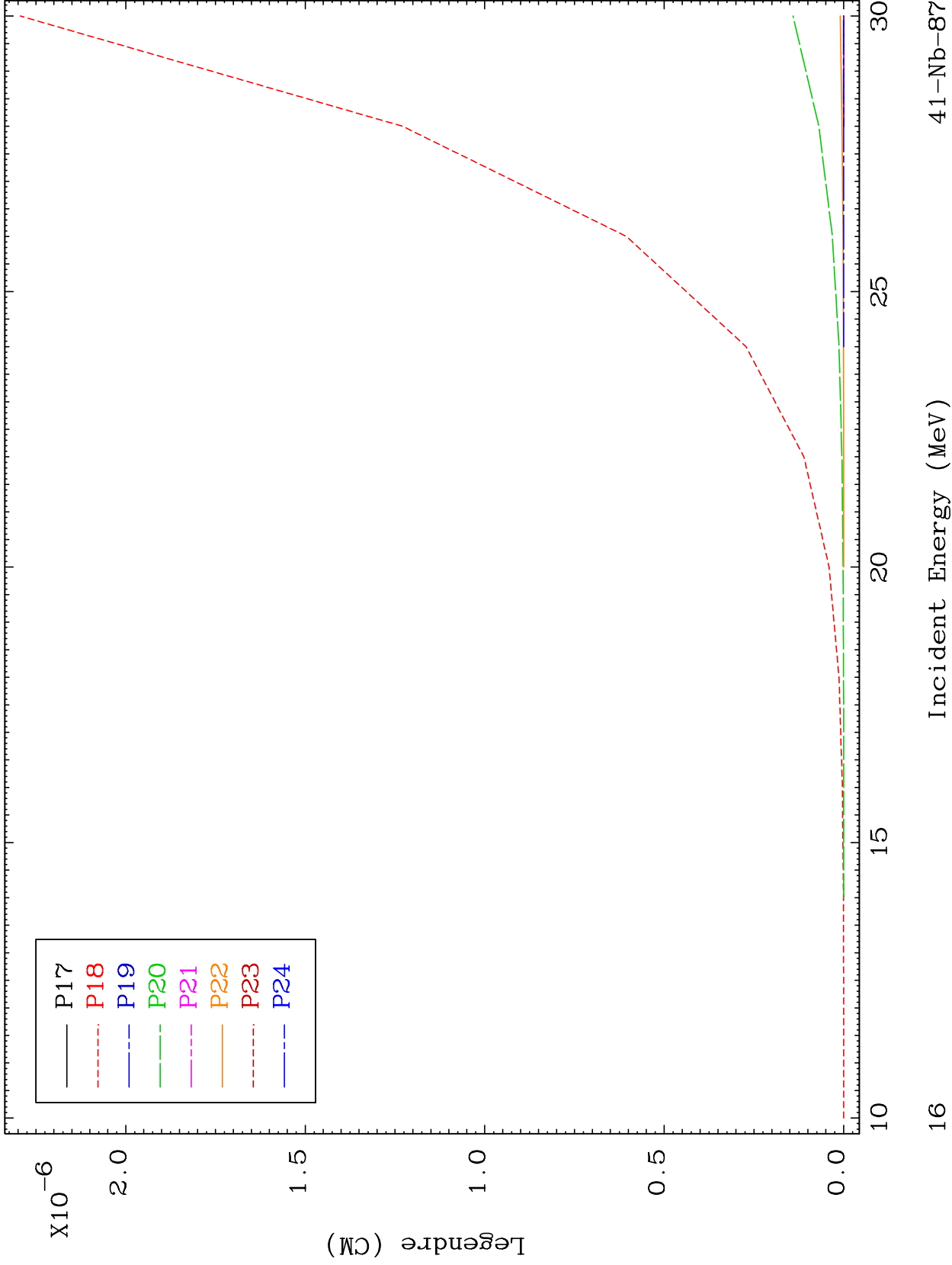
Incident Energy (MeV)

41-Nb-87

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Elastic Legendre Coefficients

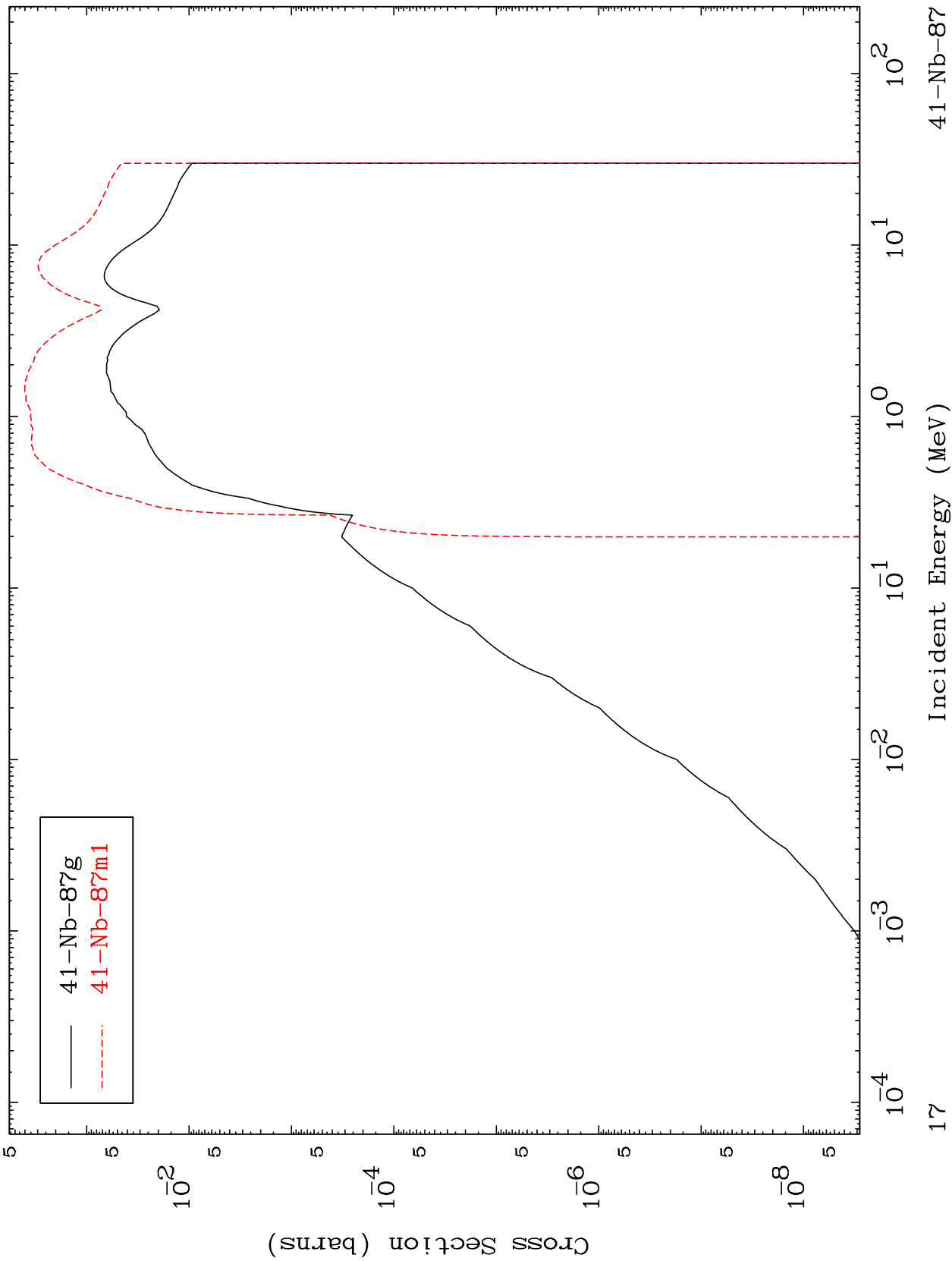
41-Nb-87



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41-Nb-87

Inelastic
Radionuclide Production Cross Section



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41-Nb-87

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(n,2n)

41-Nb-87

Radionuclide Production Cross Section



18

Incident Energy (MeV)

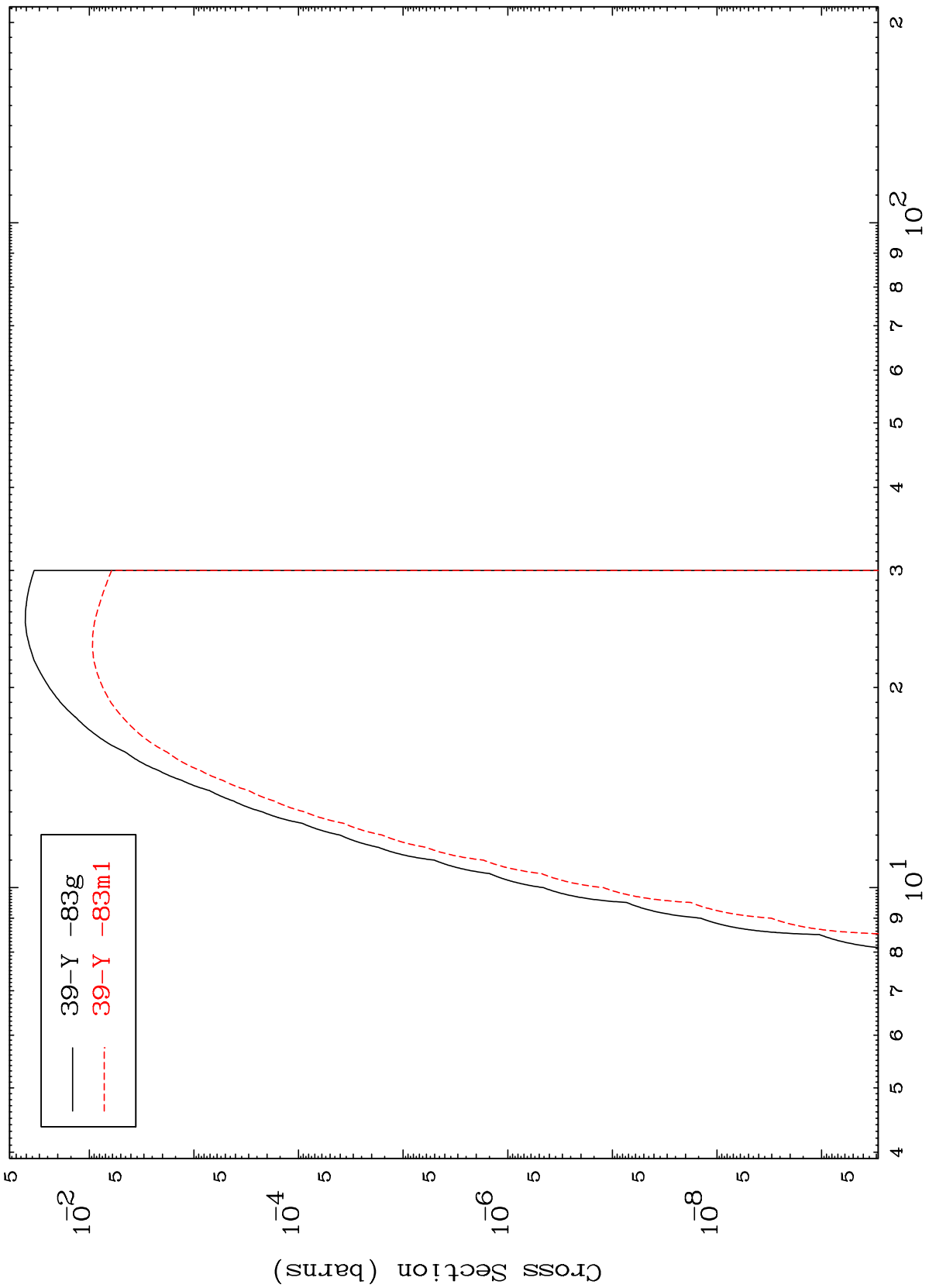
41-Nb-87

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$(n, n') \alpha$

41-Nb-87

Radionuclide Production Cross Section



19

Incident Energy (MeV)

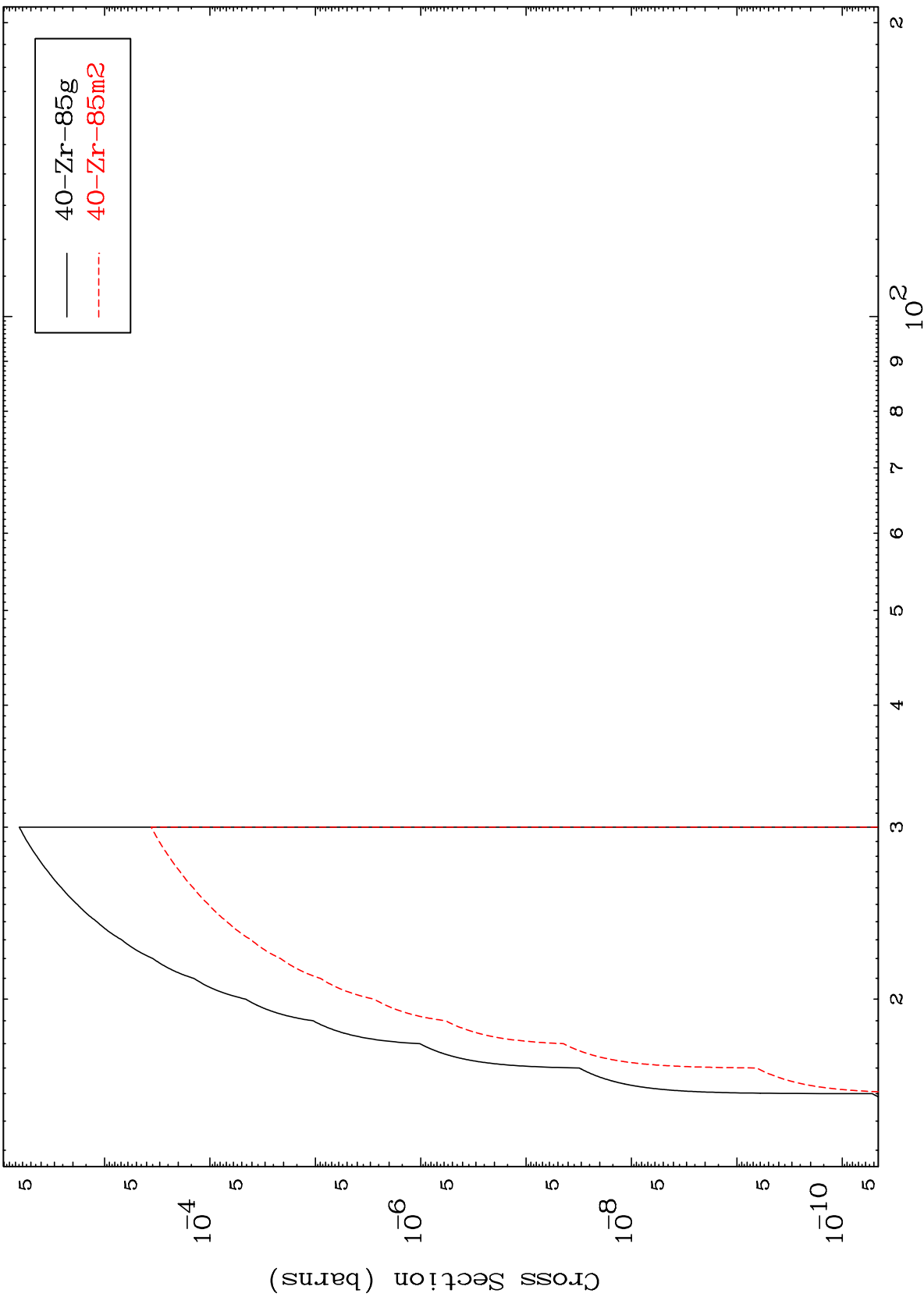
41-Nb-87

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(n,n') d

41-Nb-87

Radionuclide Production Cross Section

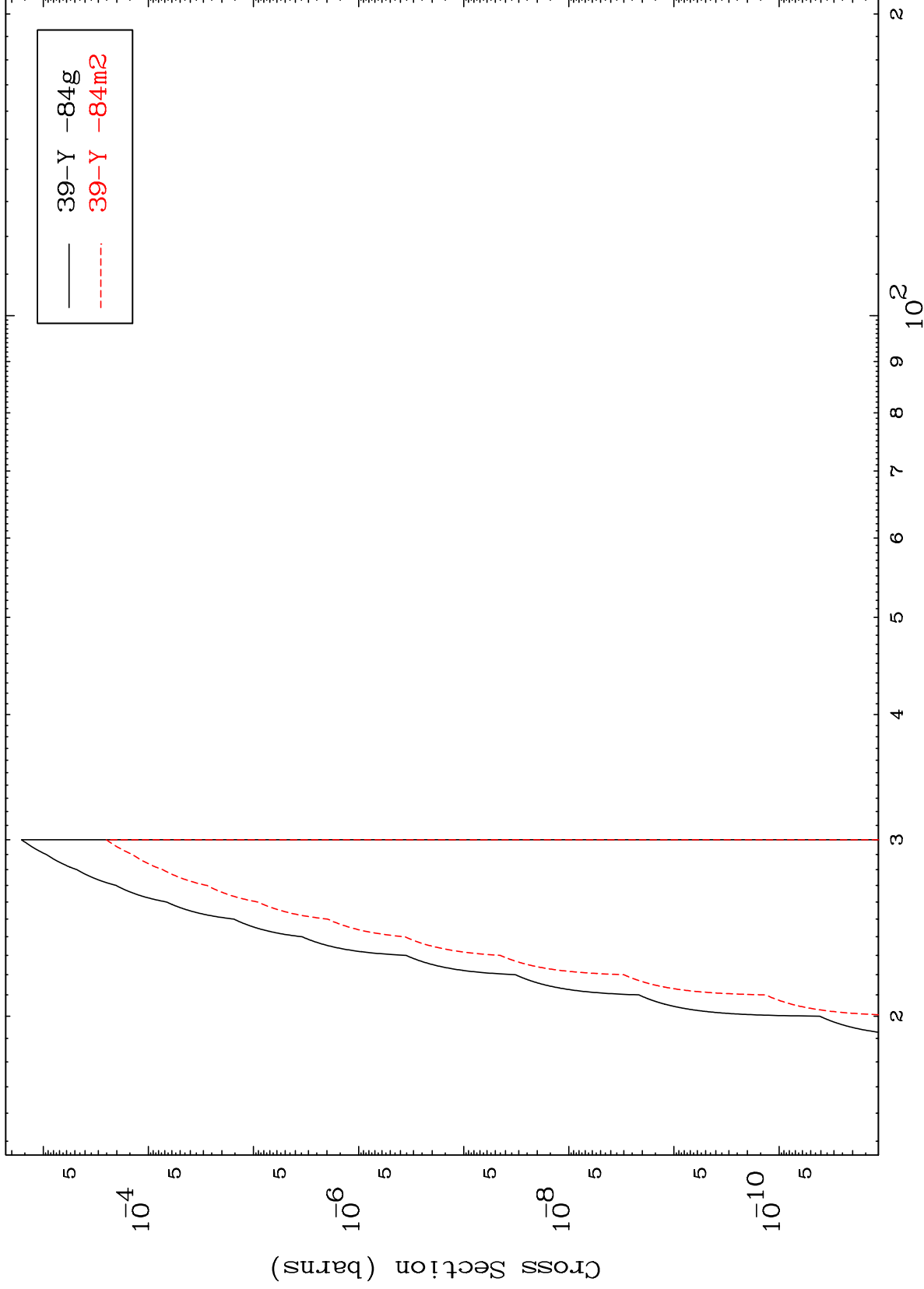


20

Incident Energy (MeV)

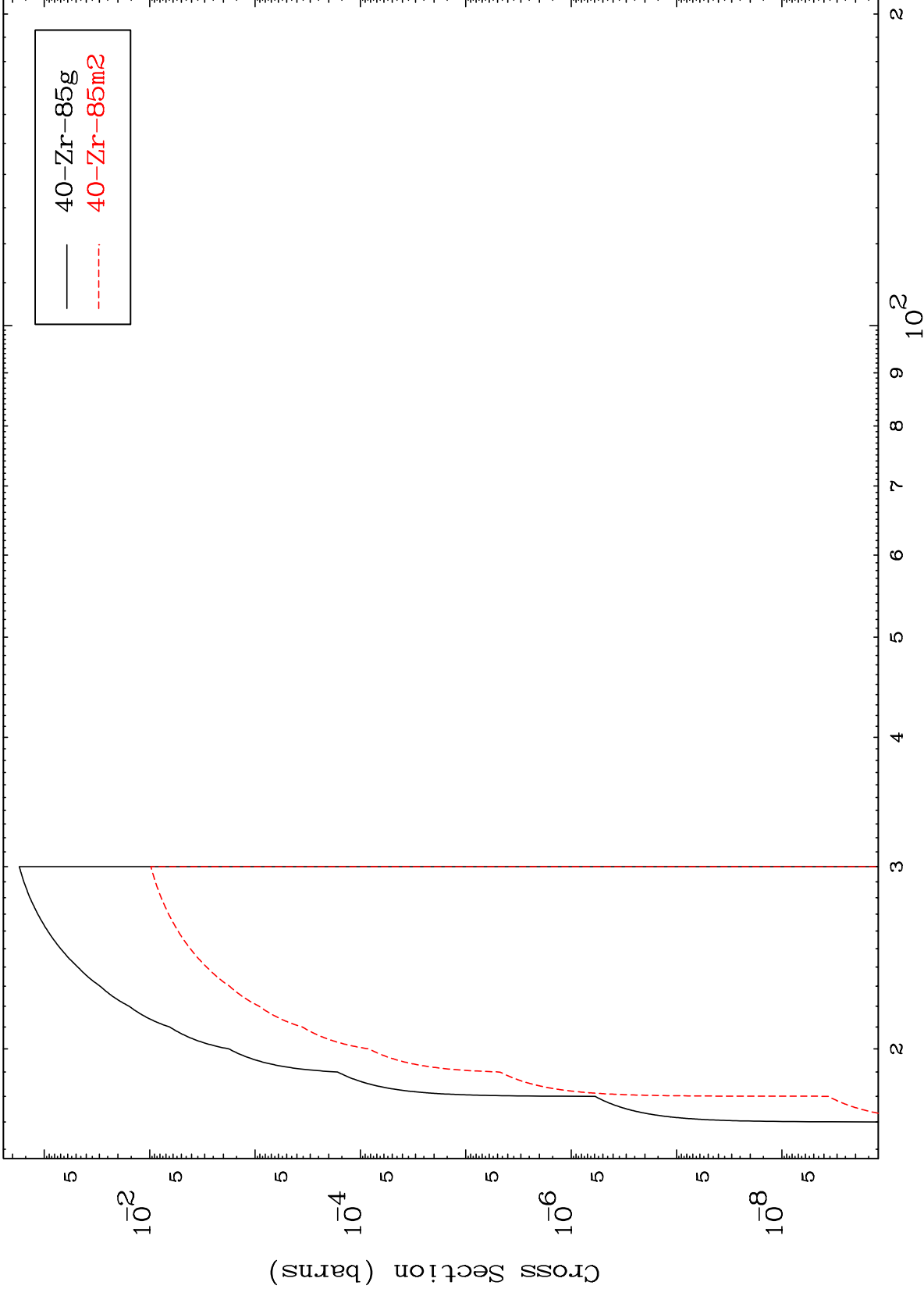
41-Nb-87

Radionuclide Production Cross Section



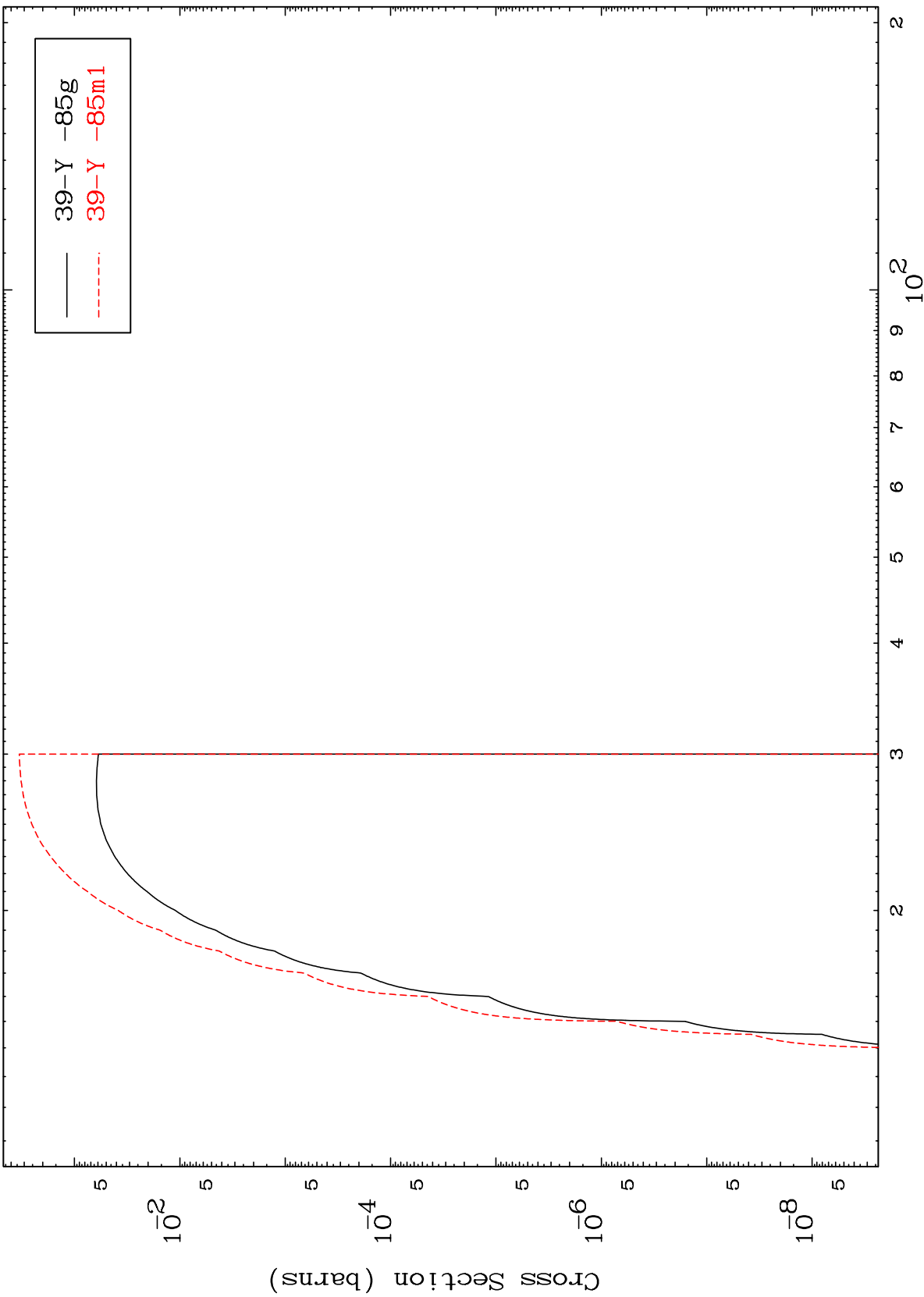
— 39-Y -84g
- - - 39-Y -84m2

Radionuclide Production Cross Section



— 40-Zr-85g
- - - 40-Zr-85m2

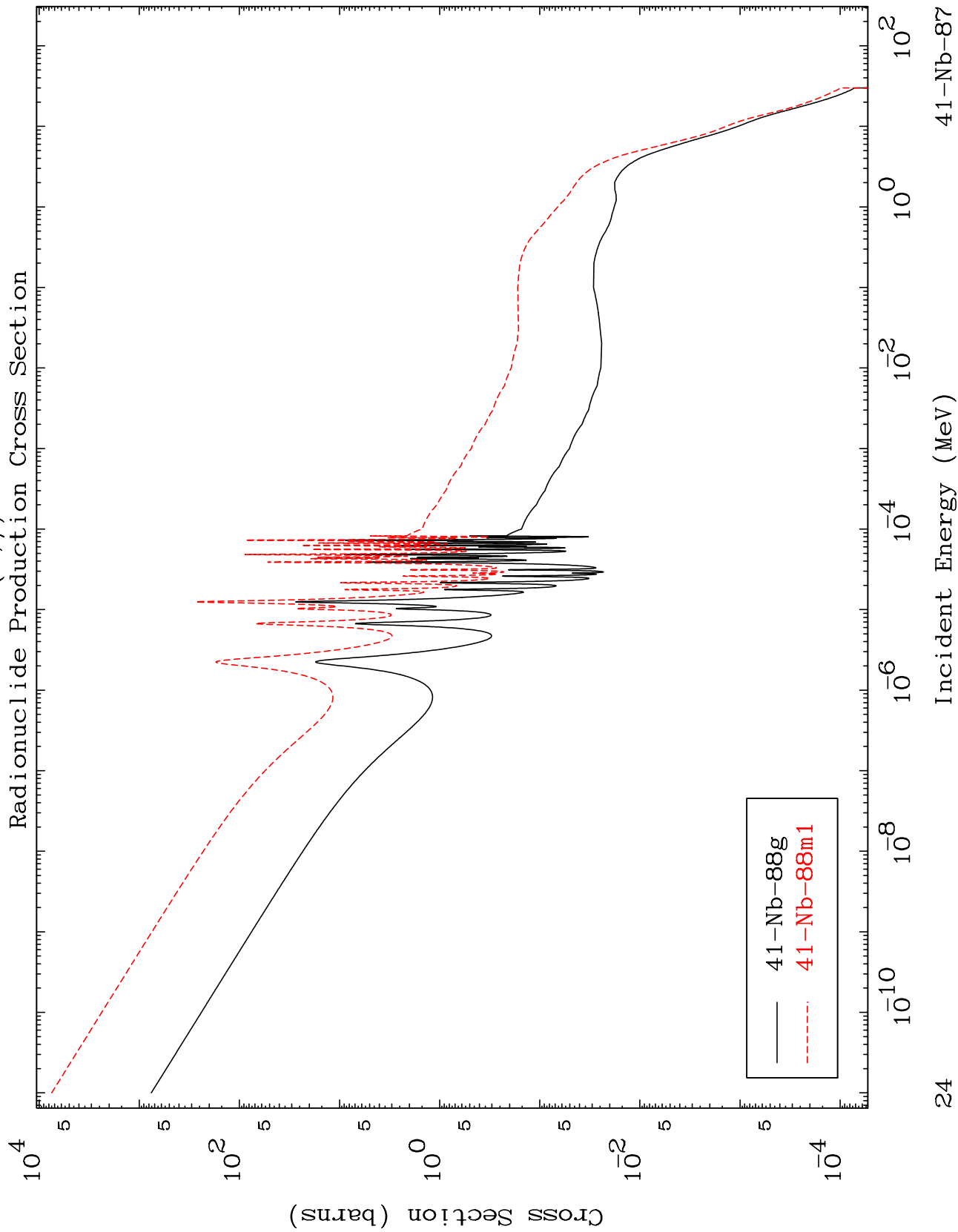
Radionuclide Production Cross Section



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41-Nb-87

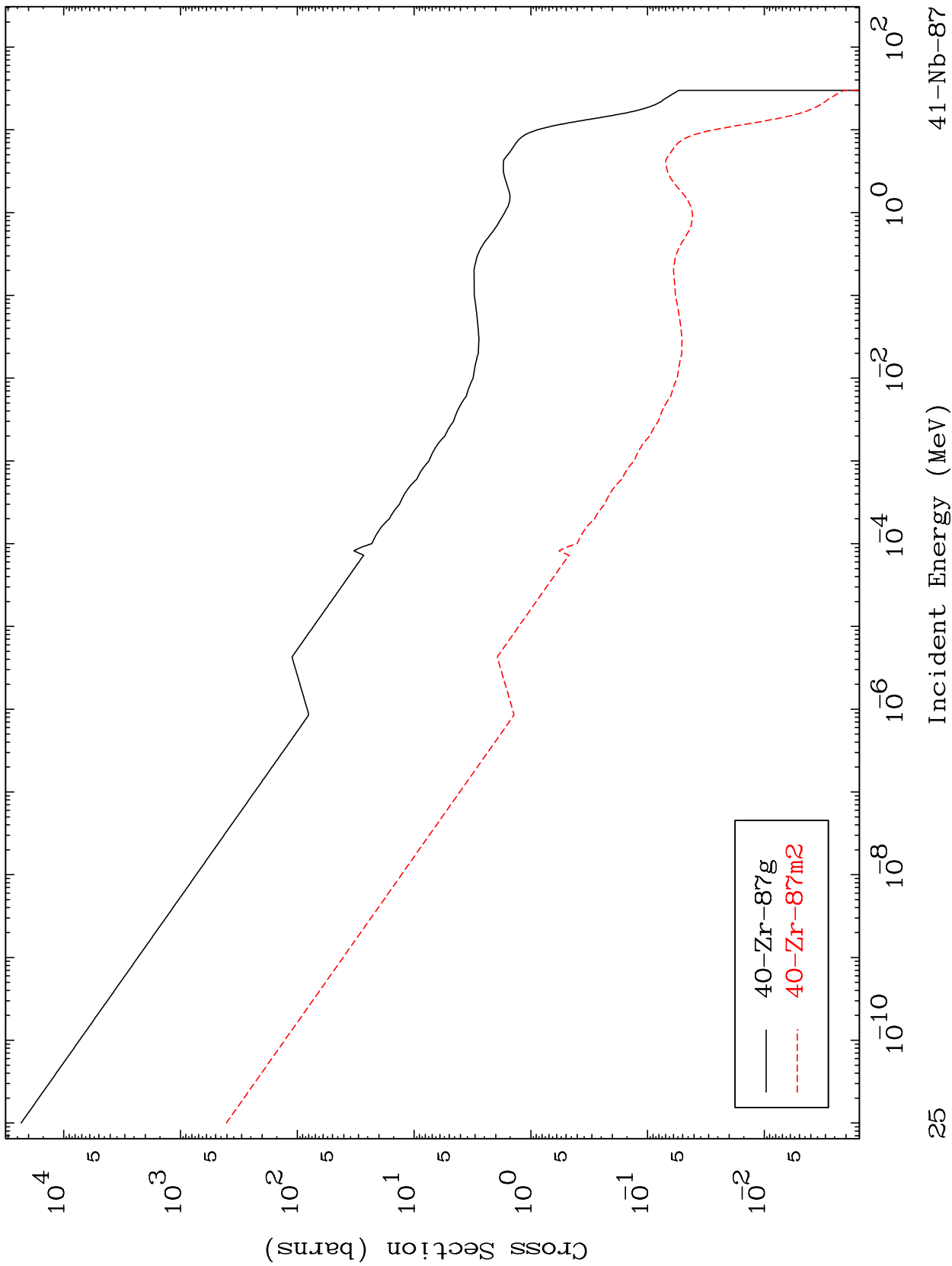
(n, γ)
Radionuclide Production Cross Section



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41-Nb-87

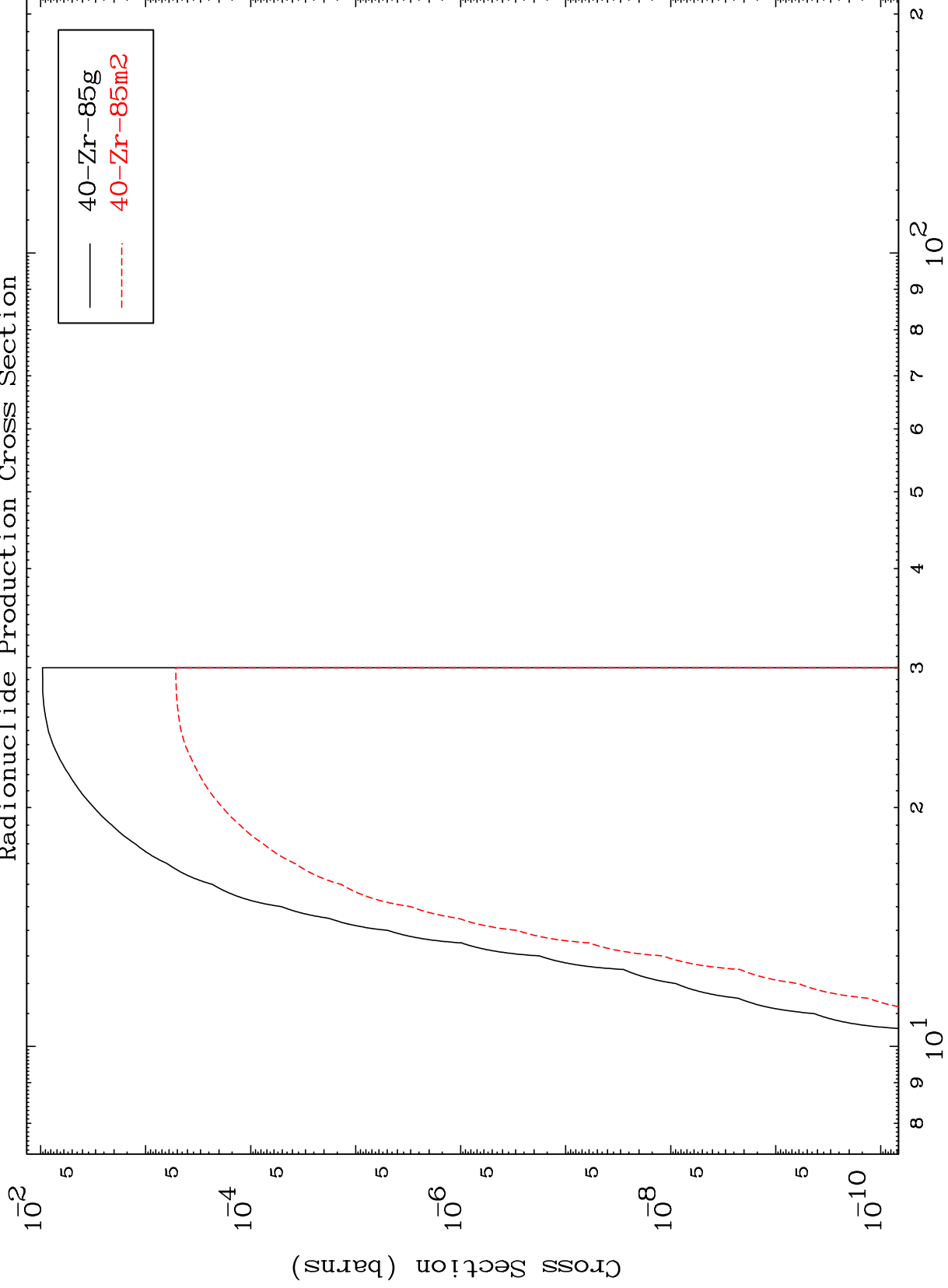
(n,p)
Radionuclide Production Cross Section



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41-Nb-87

(n,t)
Radionuclide Production Cross Section



26

Incident Energy (MeV)

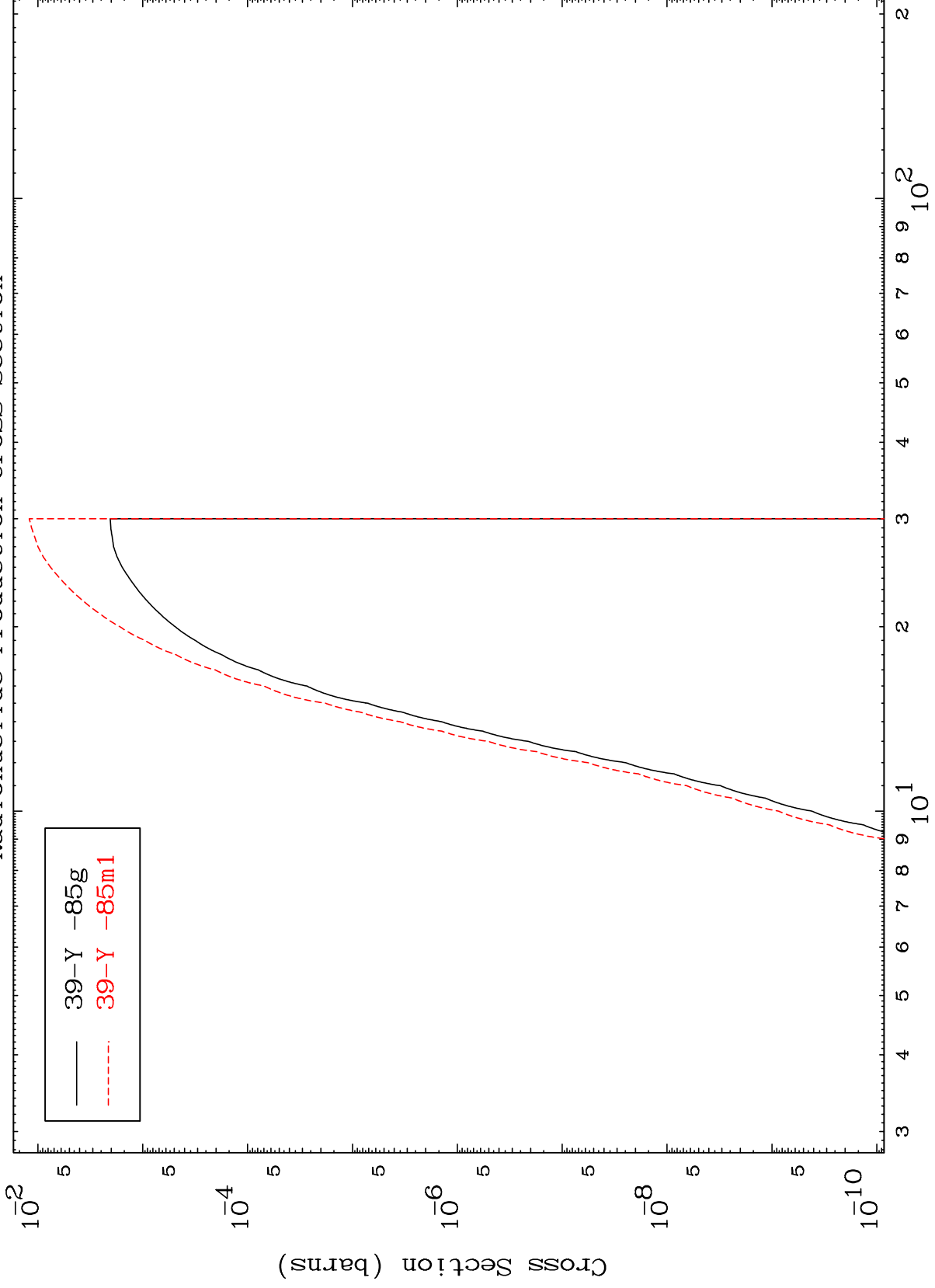
41-Nb-87

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(n,He-3)

41-Nb-87

Radionuclide Production Cross Section



27

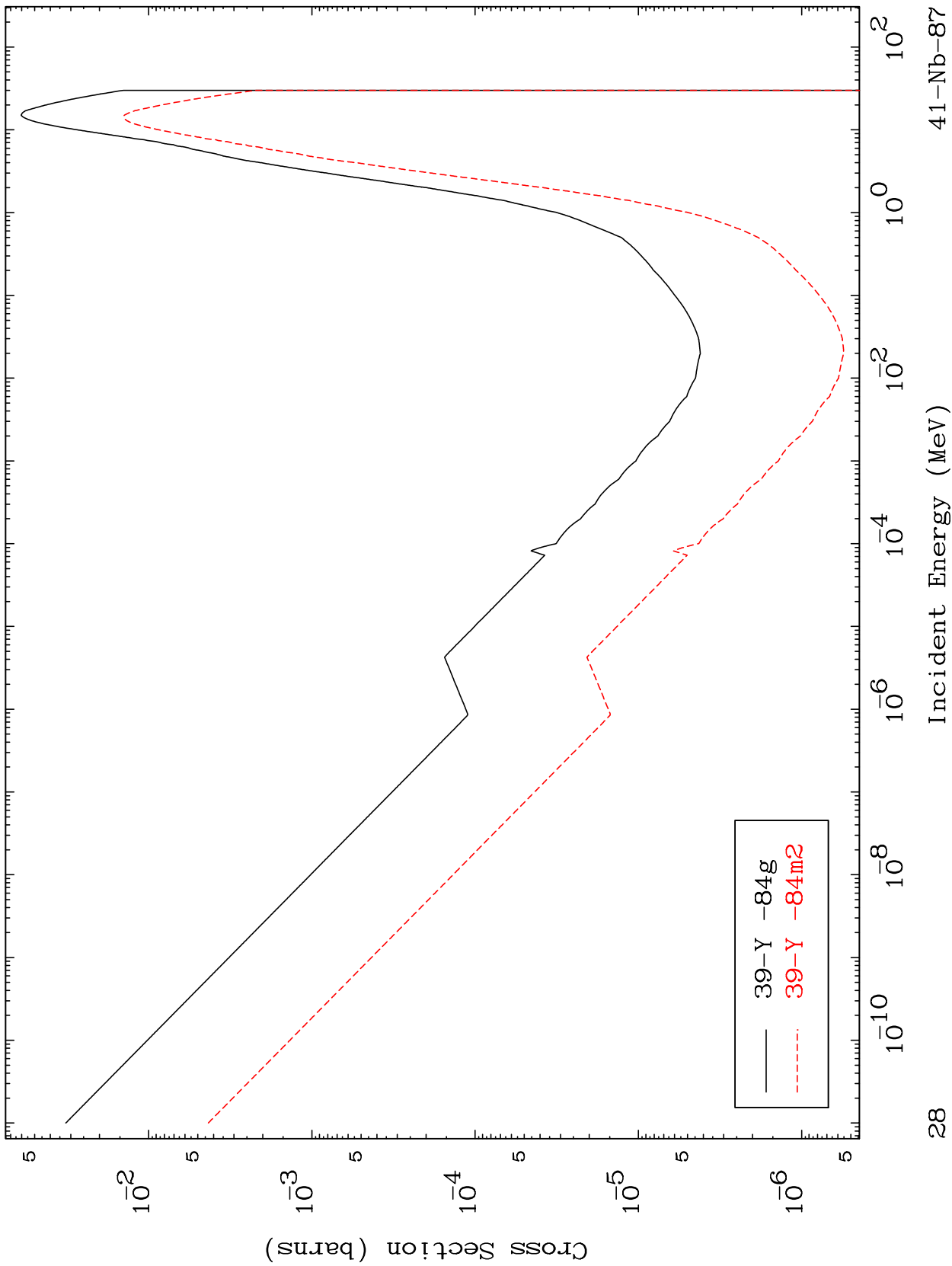
Incident Energy (MeV)

41-Nb-87

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41-Nb-87

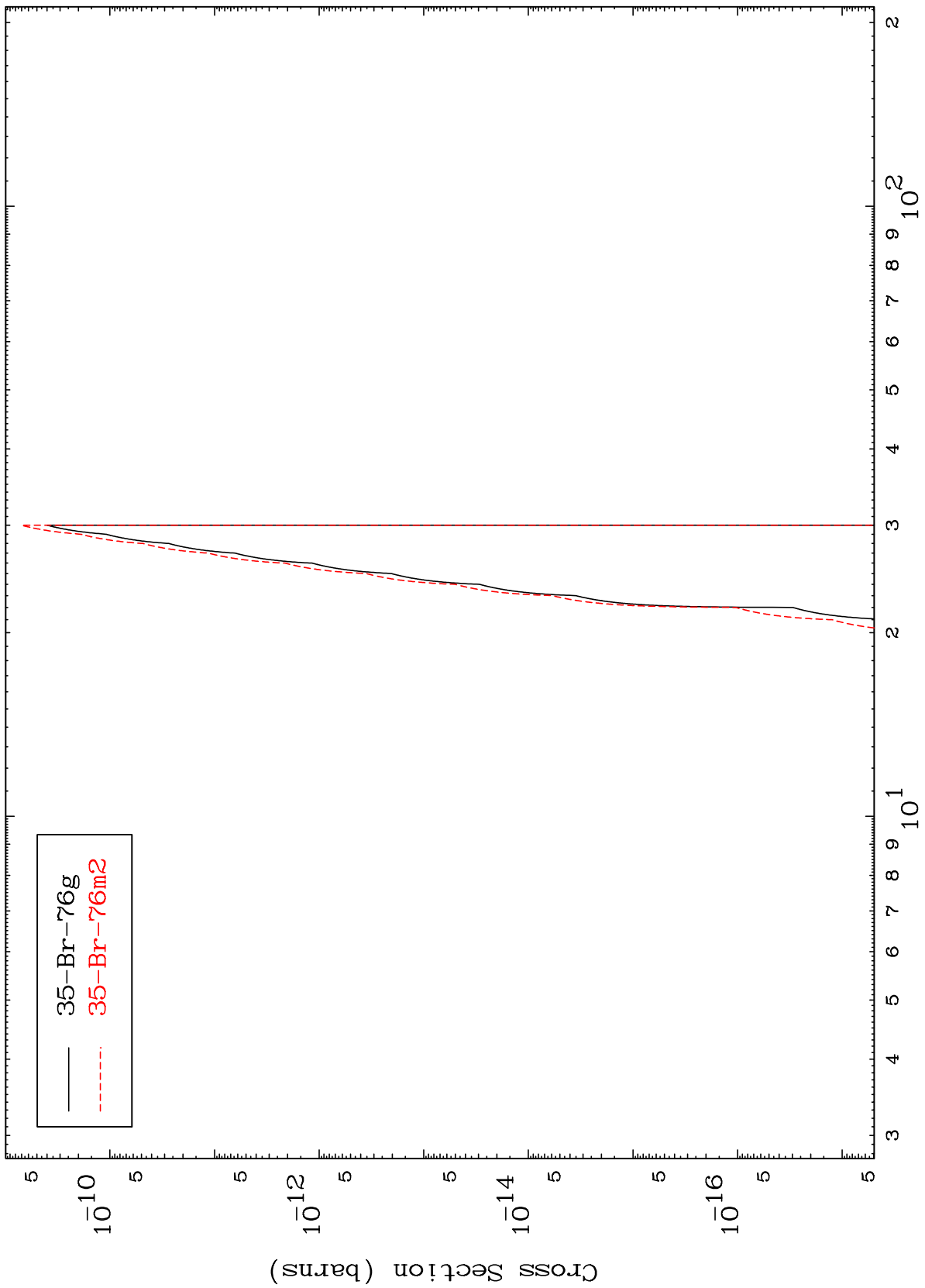
Radionuclide Production Cross Section
(n, α)



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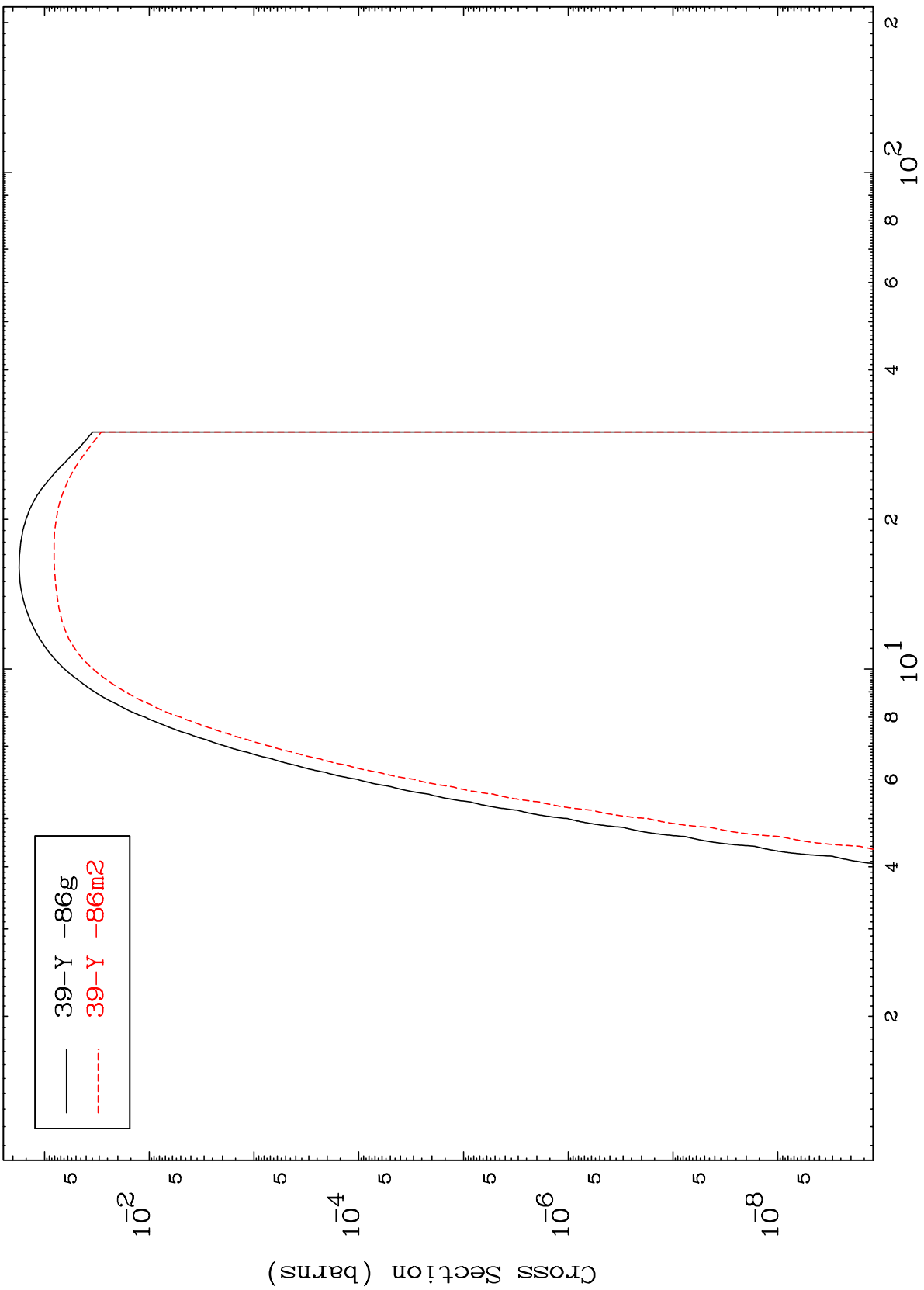
41-Nb-87

Radionuclide Production Cross Section
(n, 3α)



— 35-Br-76g
- - - 35-Br-76m2

(n,2p)
Radionuclide Production Cross Section



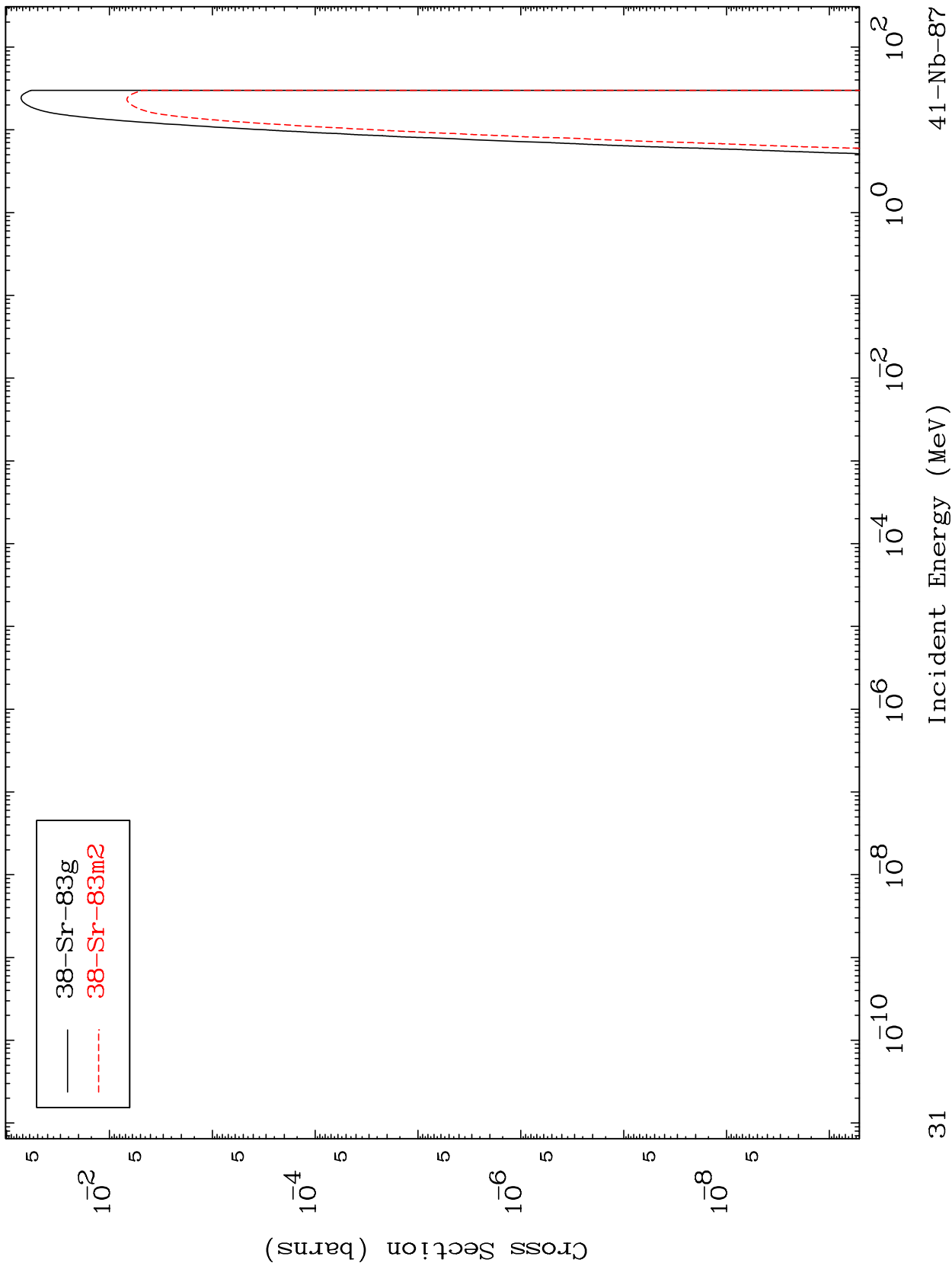
— 39-Y -86g
- - - 39-Y -86m2

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(n,p) α

41-Nb-87

Radionuclide Production Cross Section



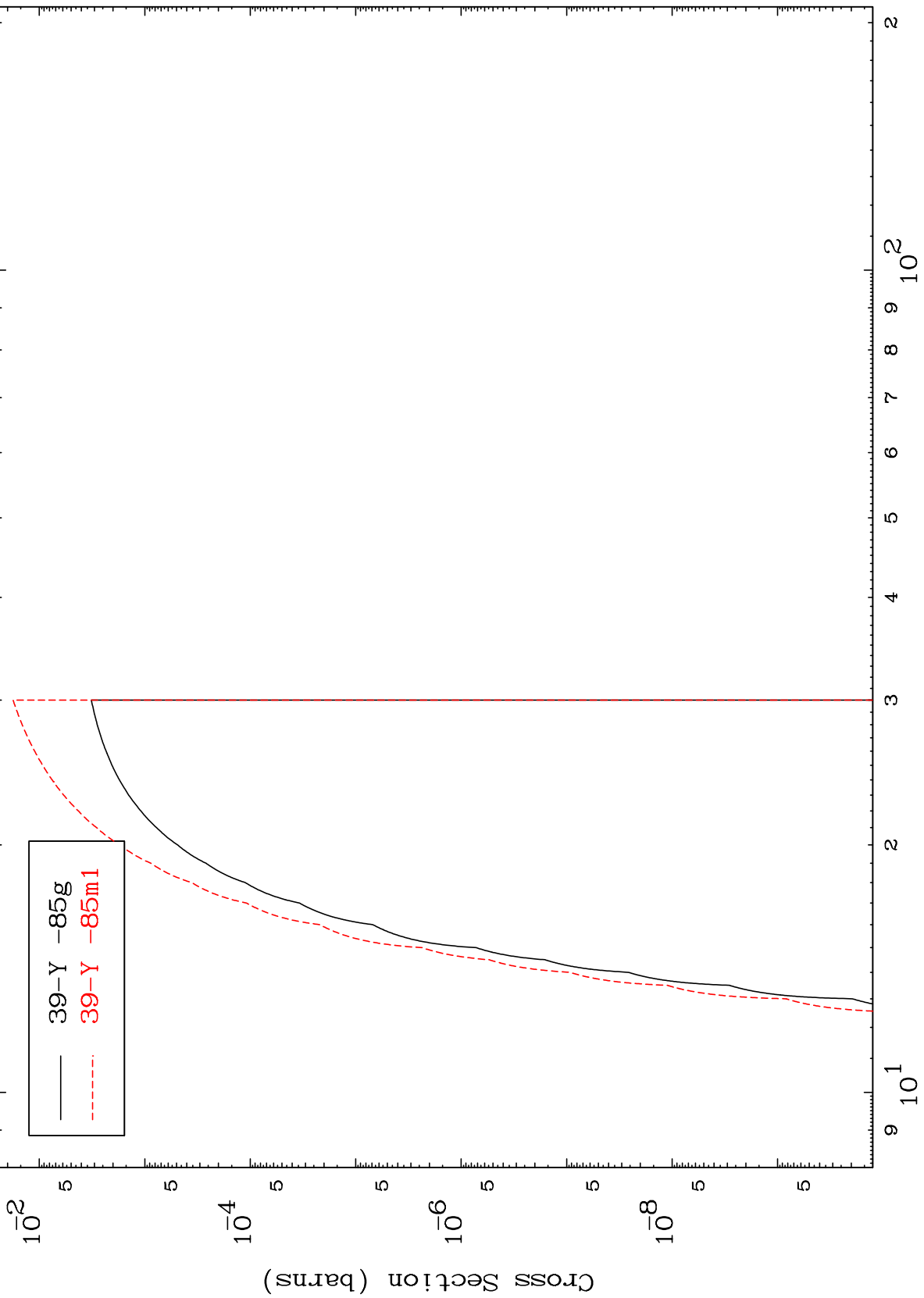
— 38-Sr-83g
- - - 38-Sr-83m2

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(n,p) d

41-Nb-87

Radionuclide Production Cross Section



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Incident Energy (MeV)

41-Nb-87

