

Program EVALPLOT
(Version 2021-1)

by

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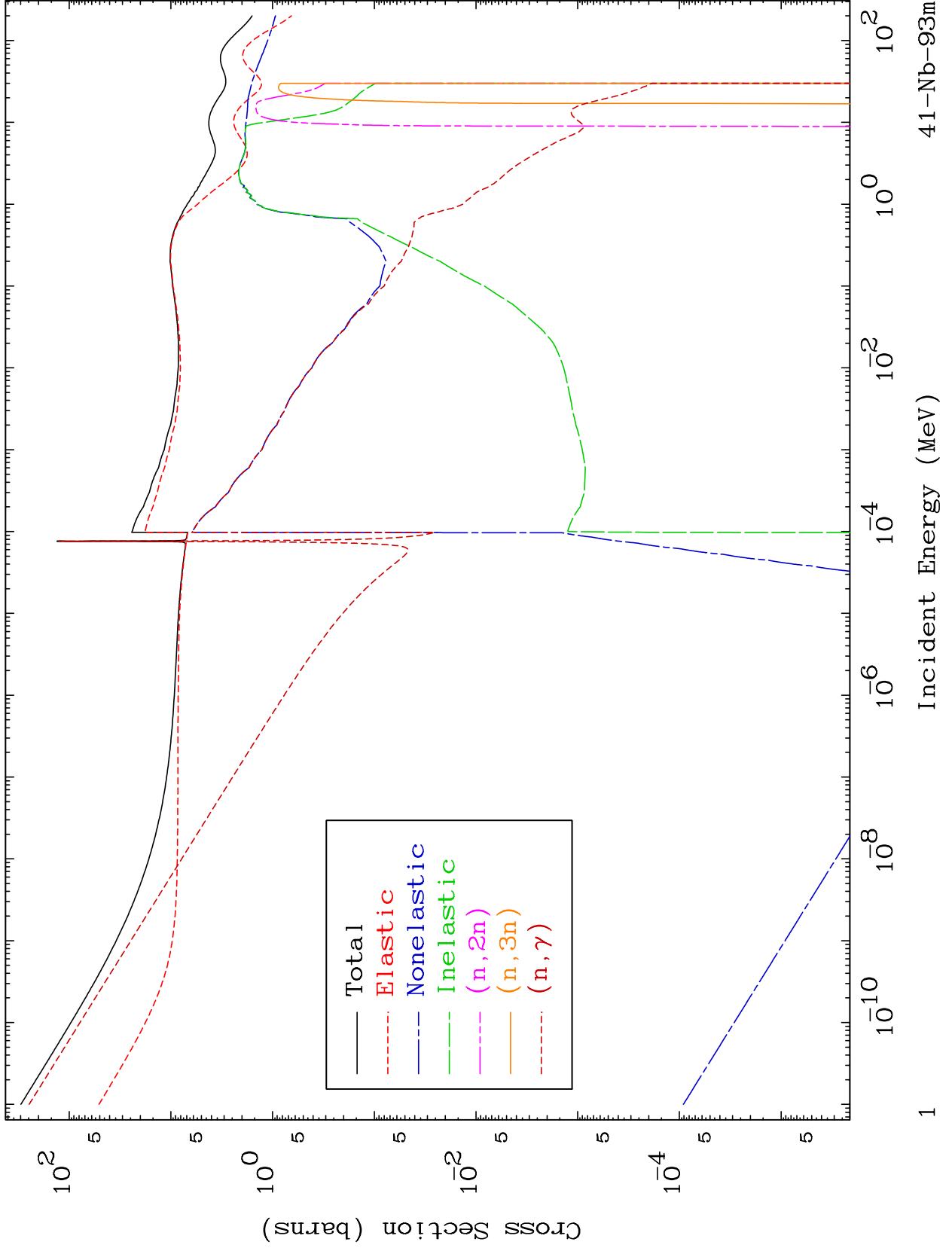
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4126

Neutron Major
293 Kelvin Cross Sections

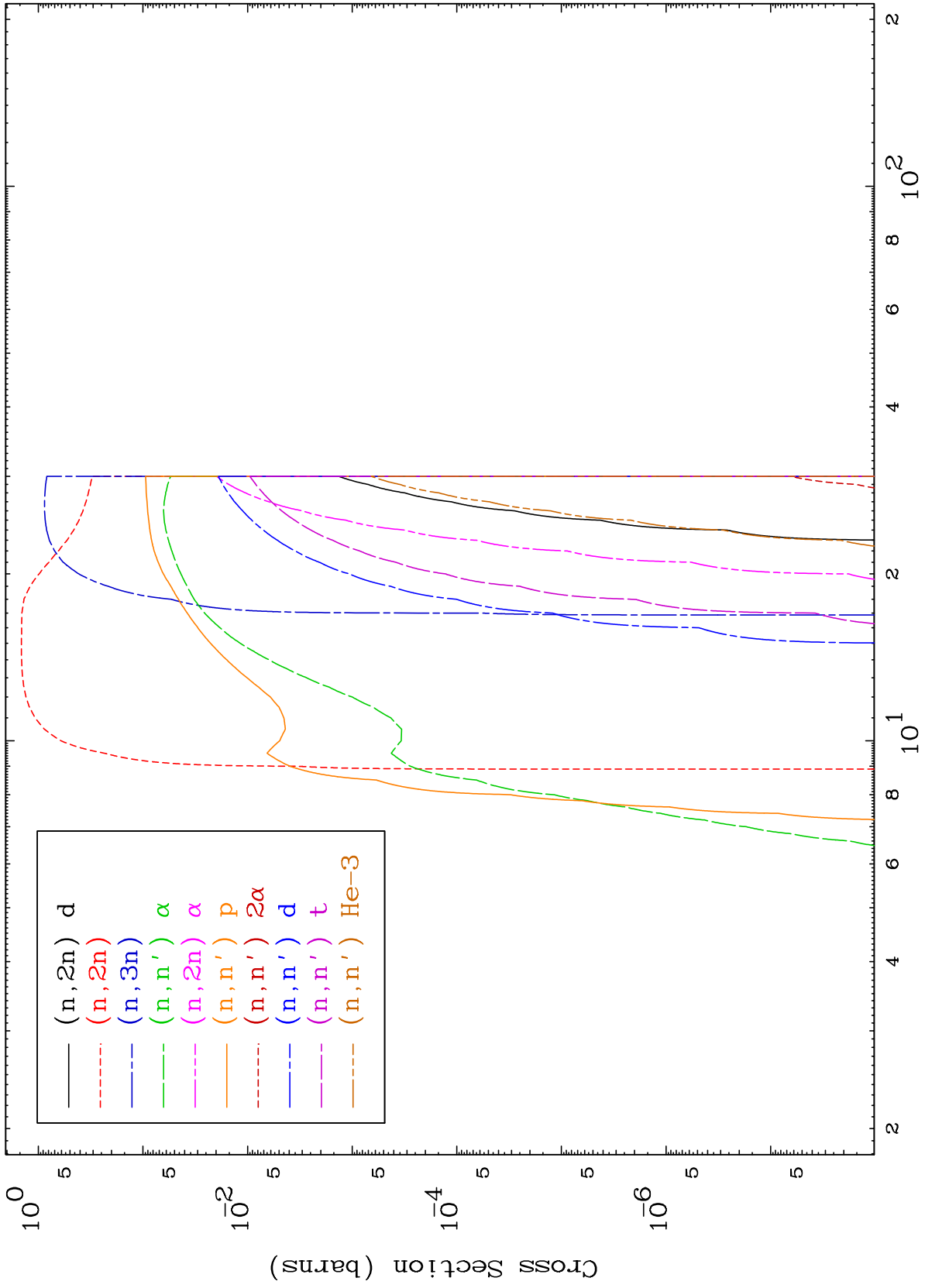
41-Nb-93m



MAT 4126

Neutron Absorption
293 Kelvin Cross Sections

41-Nb-93m



2

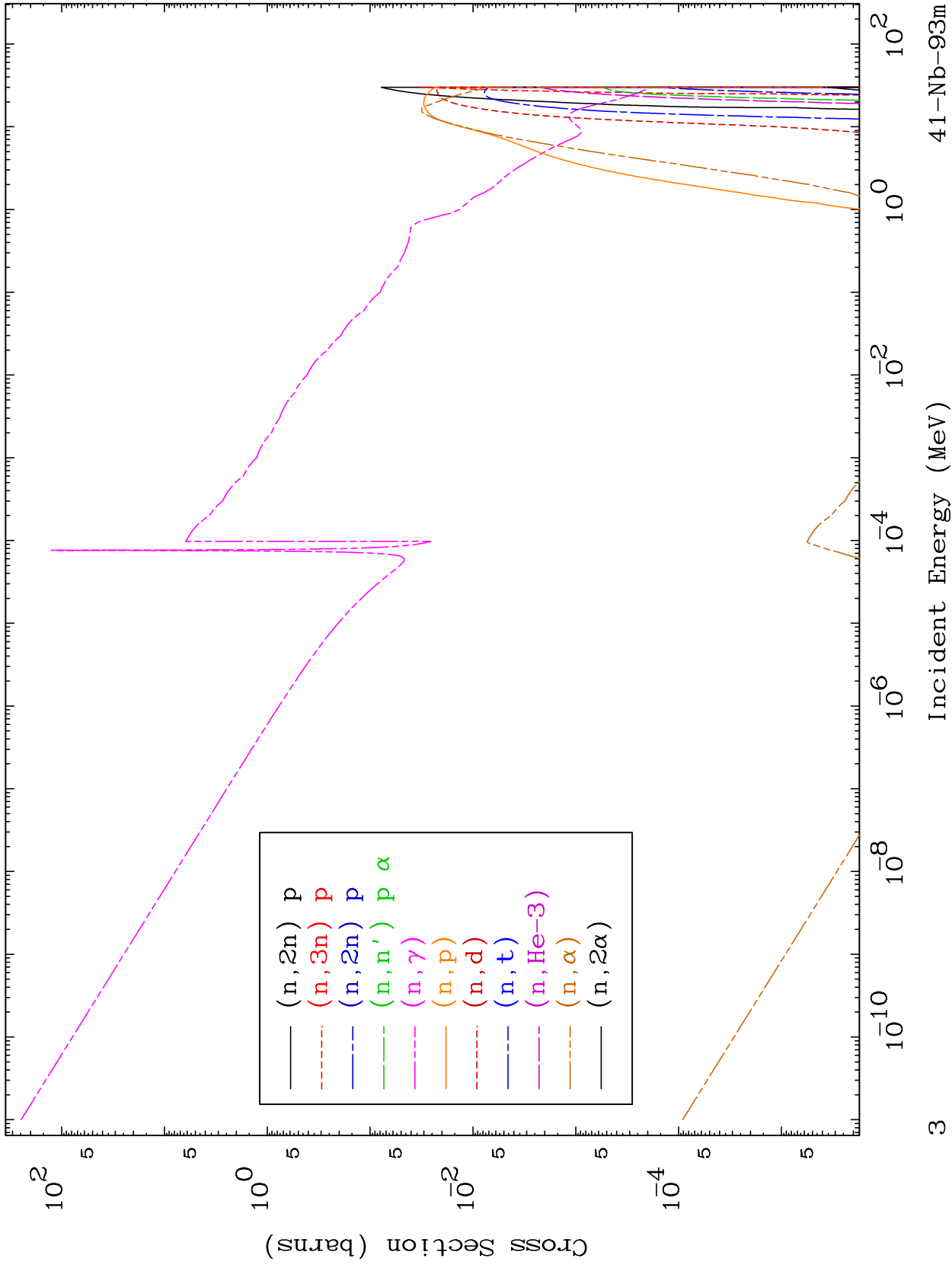
Incident Energy (MeV)

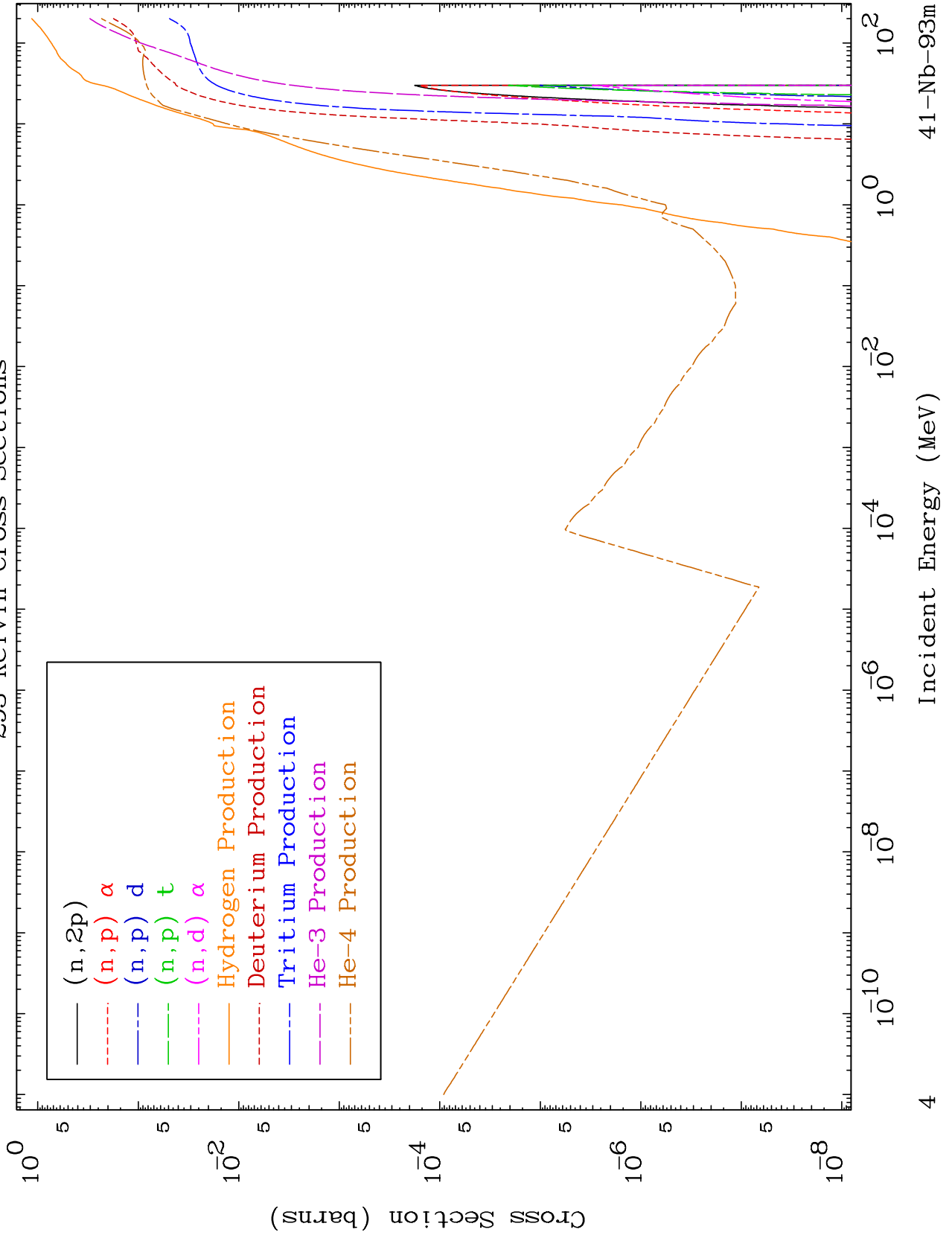
41-Nb-93m

MAT 4126

Neutron Absorption
293 Kelvin Cross Sections

41-Nb-93m

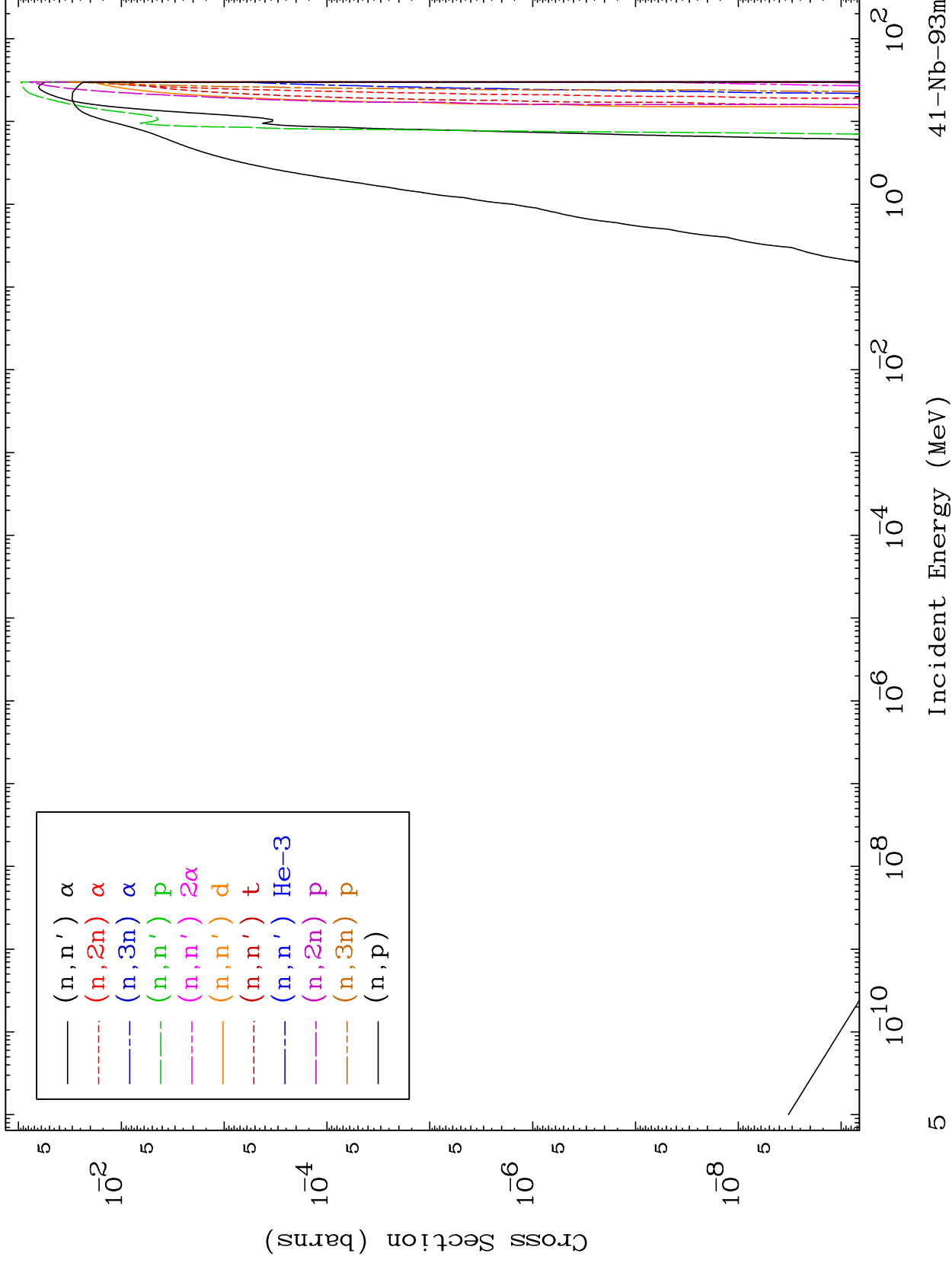




MAT 4126

Charged Particle
293 Kelvin Cross Sections

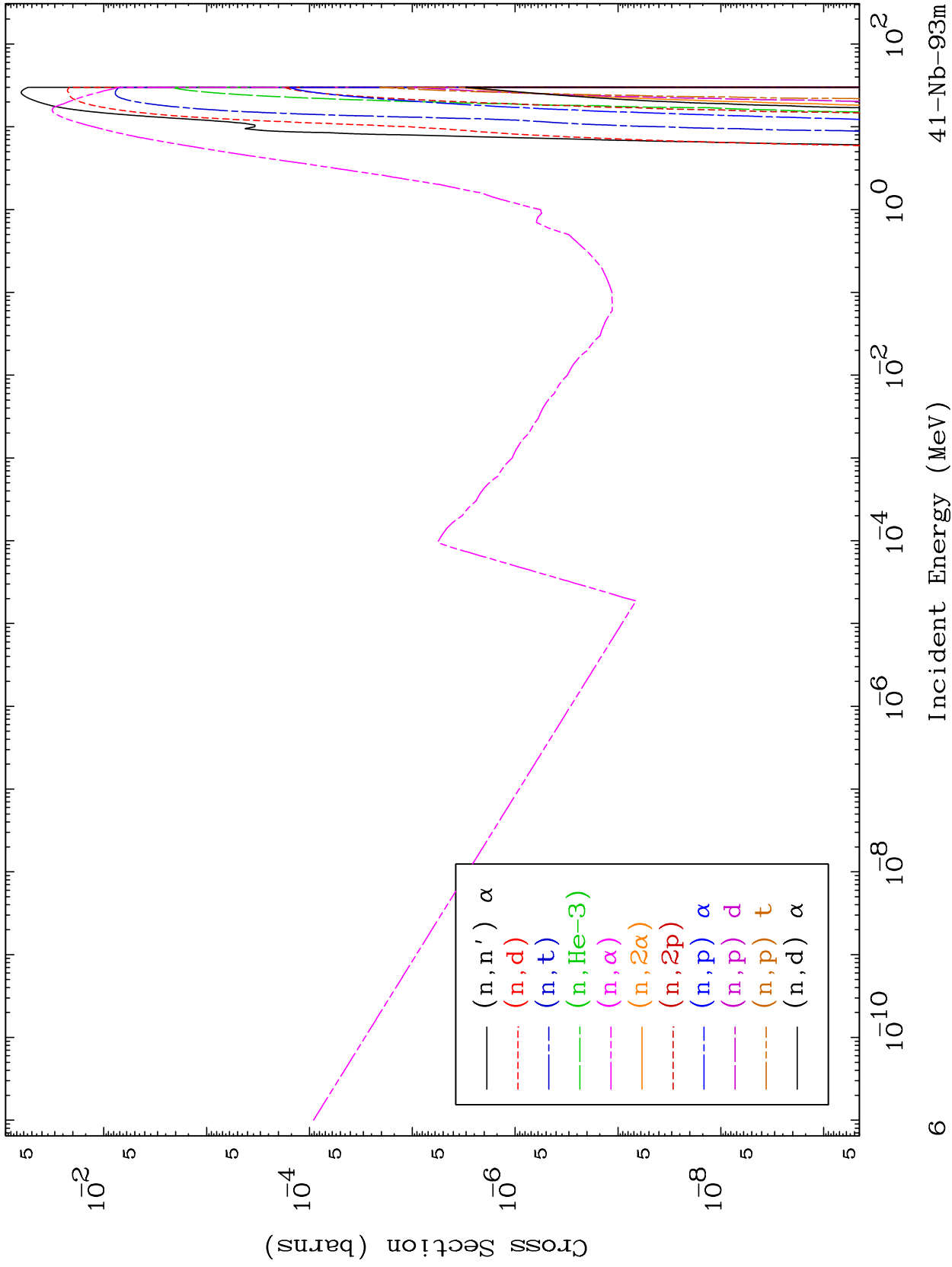
41-Nb-93m



MAT 4126

Charged Particle
293 Kelvin Cross Sections

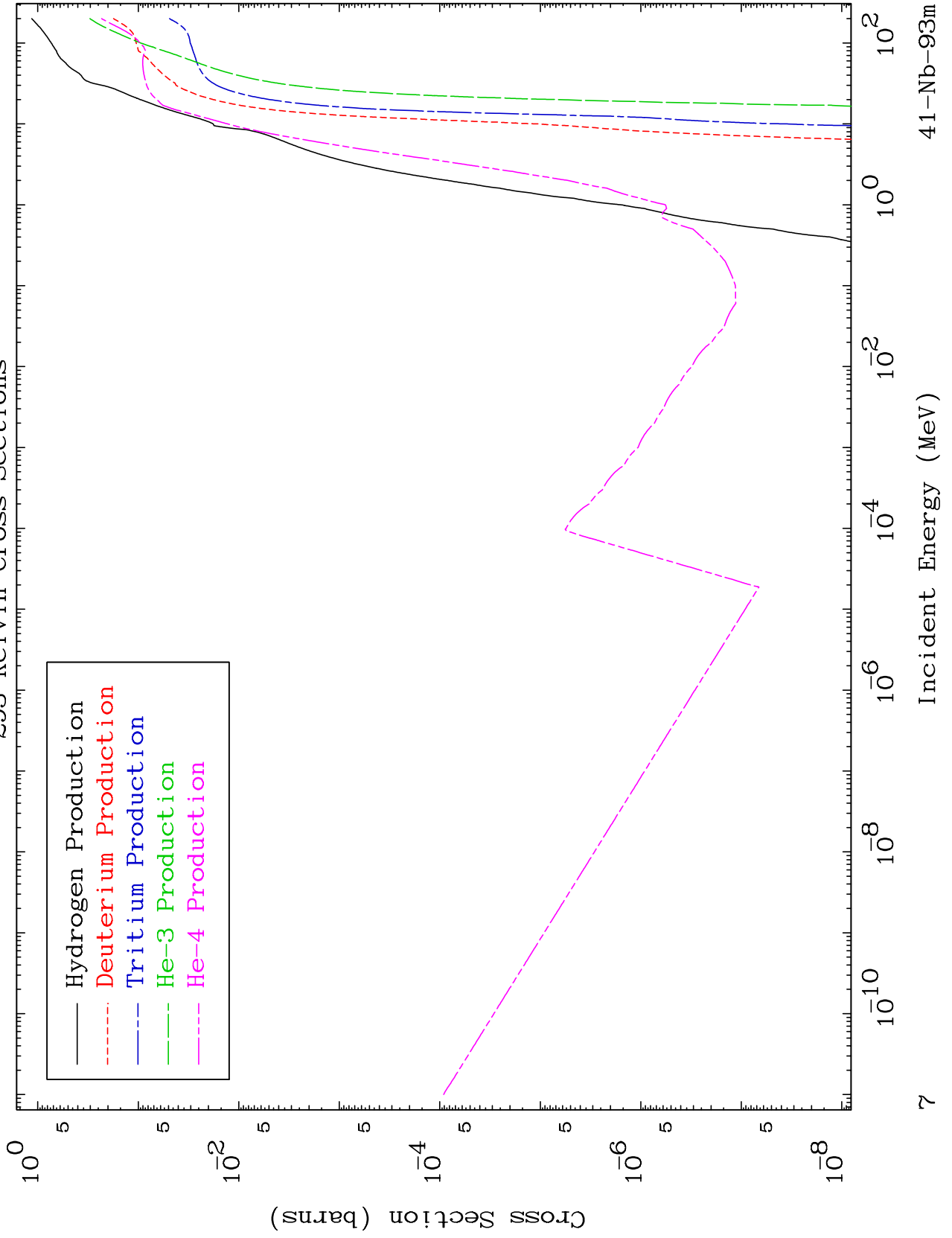
41-Nb-93m



MAT 4126

Particle Production
293 Kelvin Cross Sections

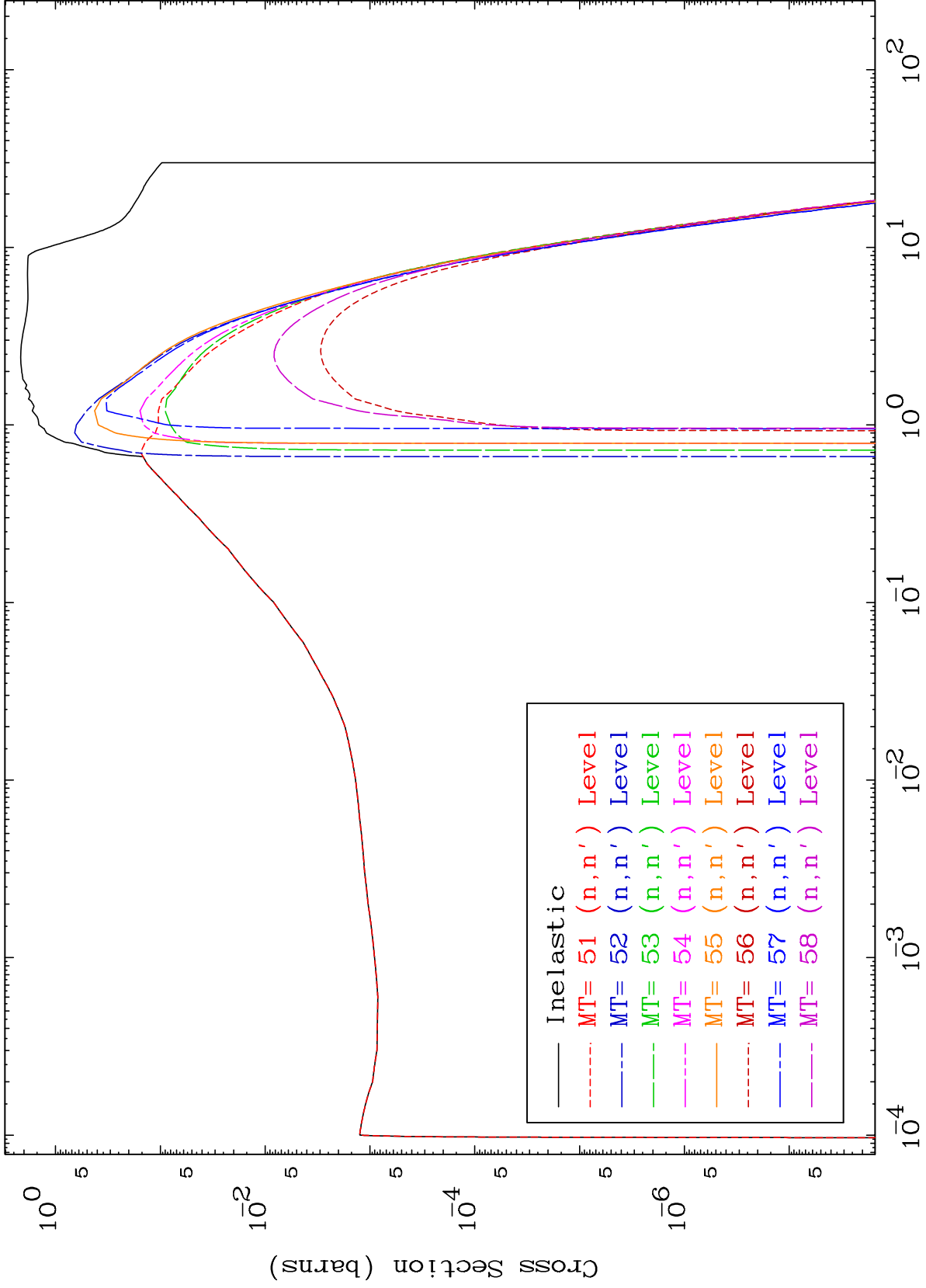
41-Nb-93m



MAT 4126

(n,n') Levels
293 Kelvin Cross Sections

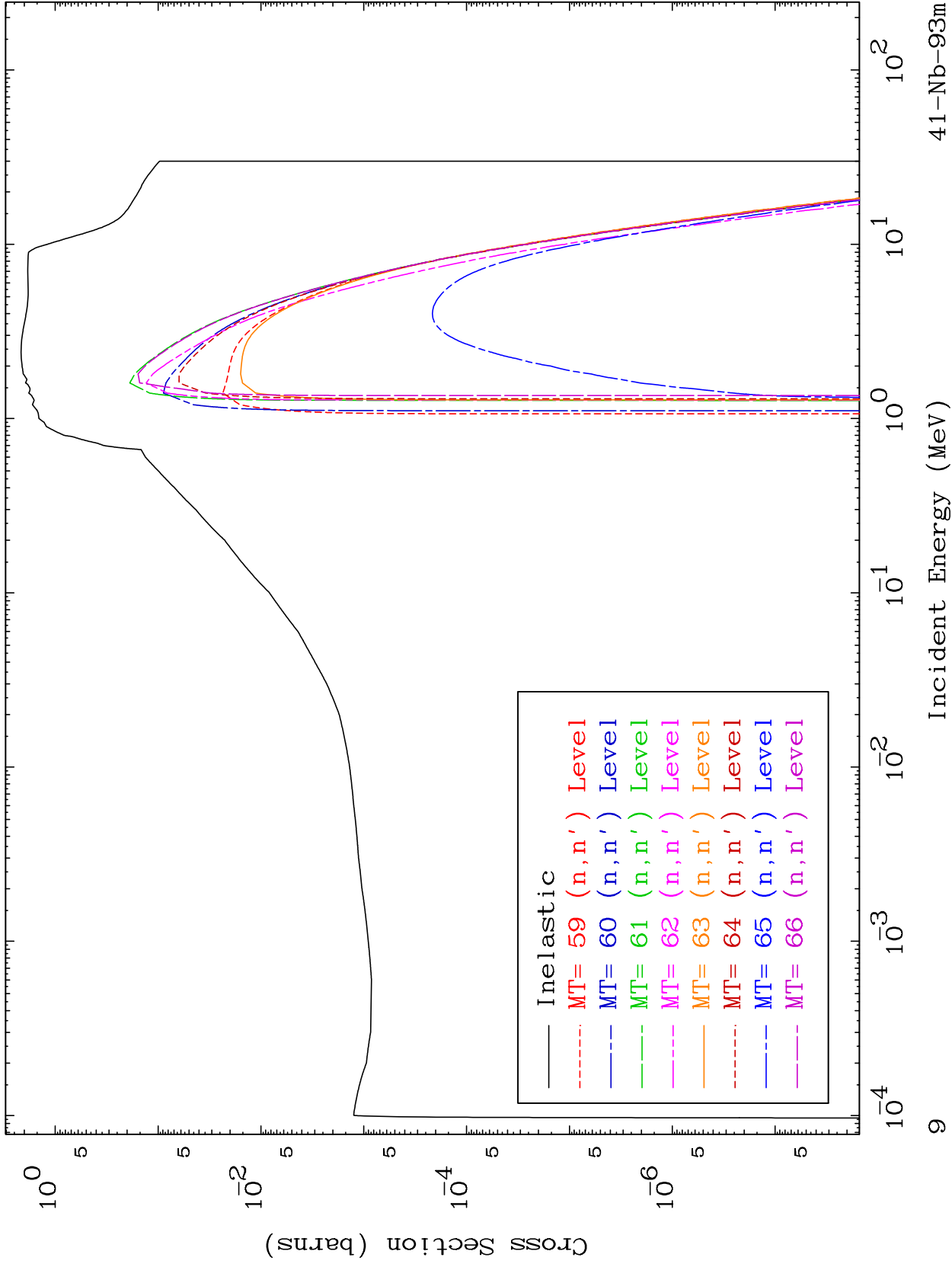
41-Nb-93m



MAT 4126

(n,n') Levels
293 Kelvin Cross Sections

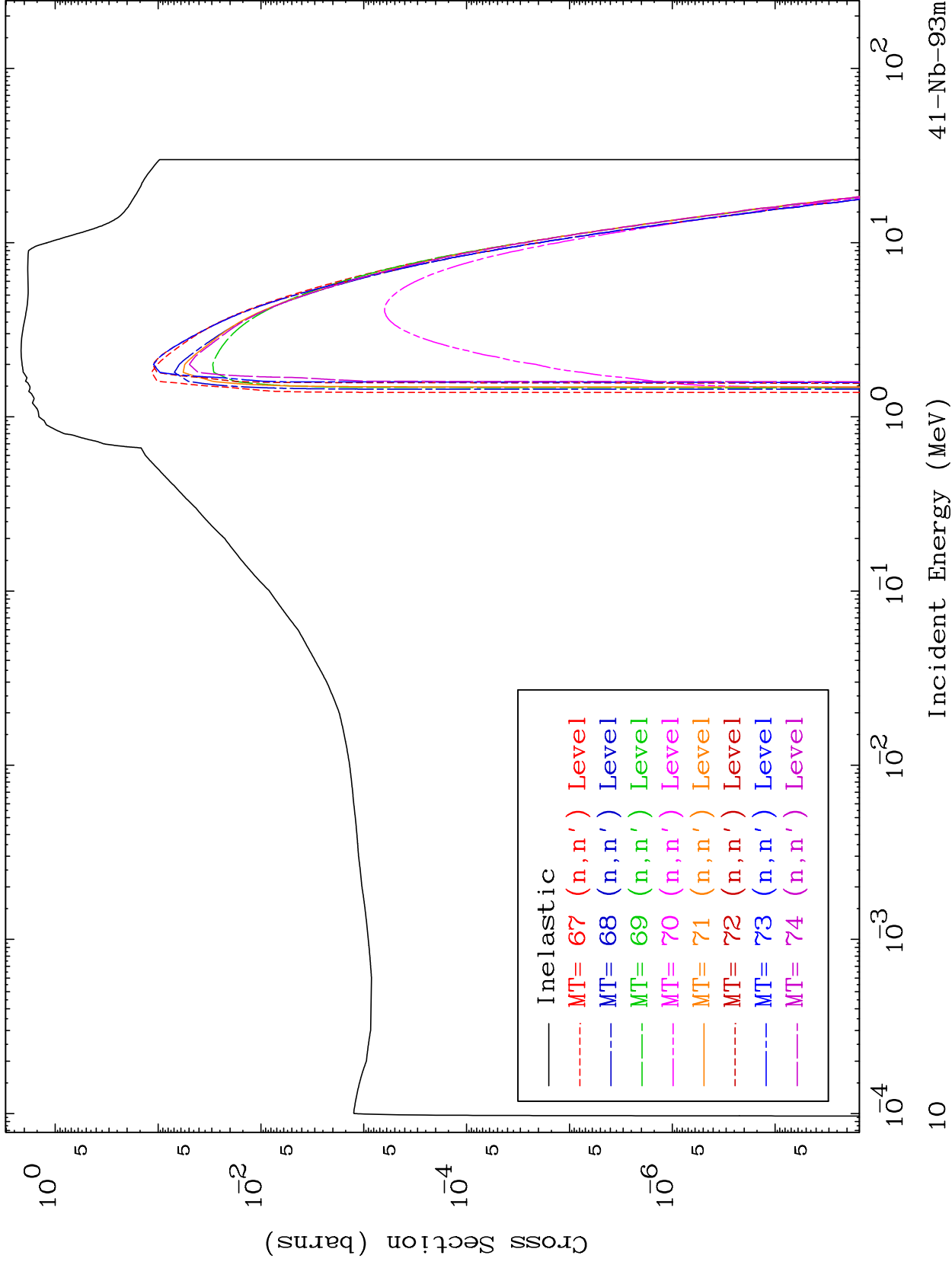
41-Nb-93m



MAT 4126

(n,n') Levels
293 Kelvin Cross Sections

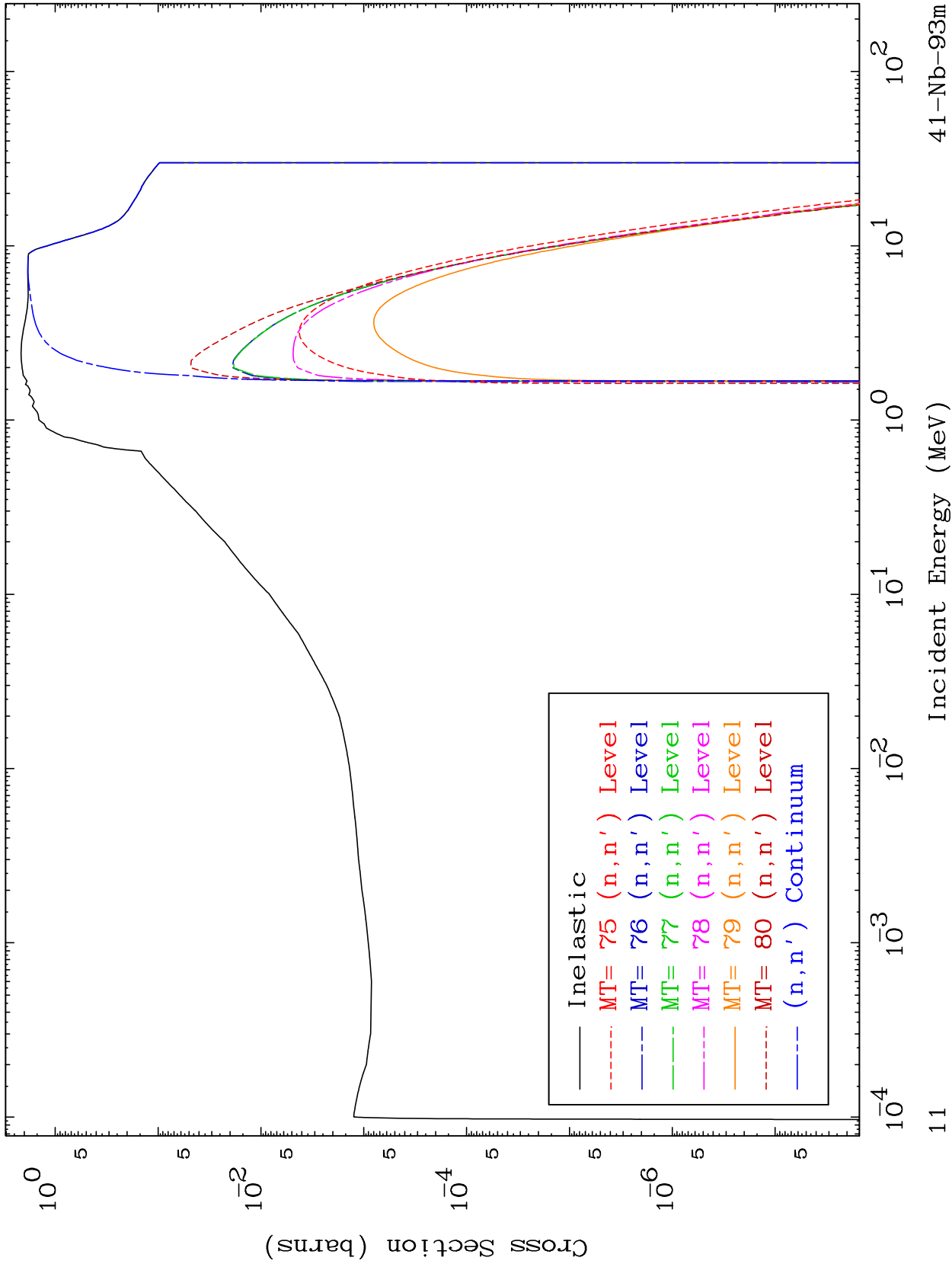
41-Nb-93m



MAT 4126

(n,n') Levels
293 Kelvin Cross Sections

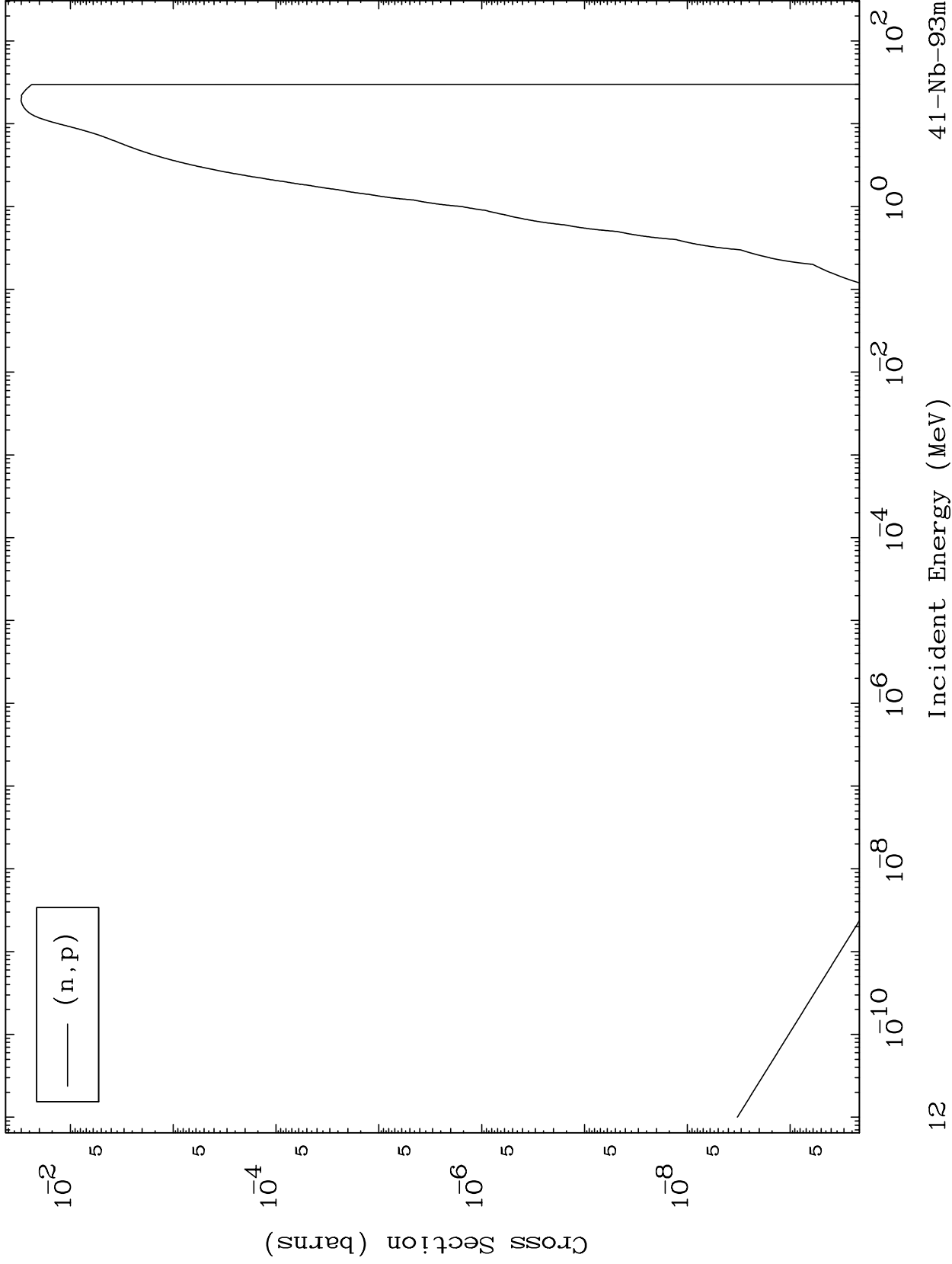
41-Nb-93m



MAT 4126

(n,p) Levels
293 Kelvin Cross Sections

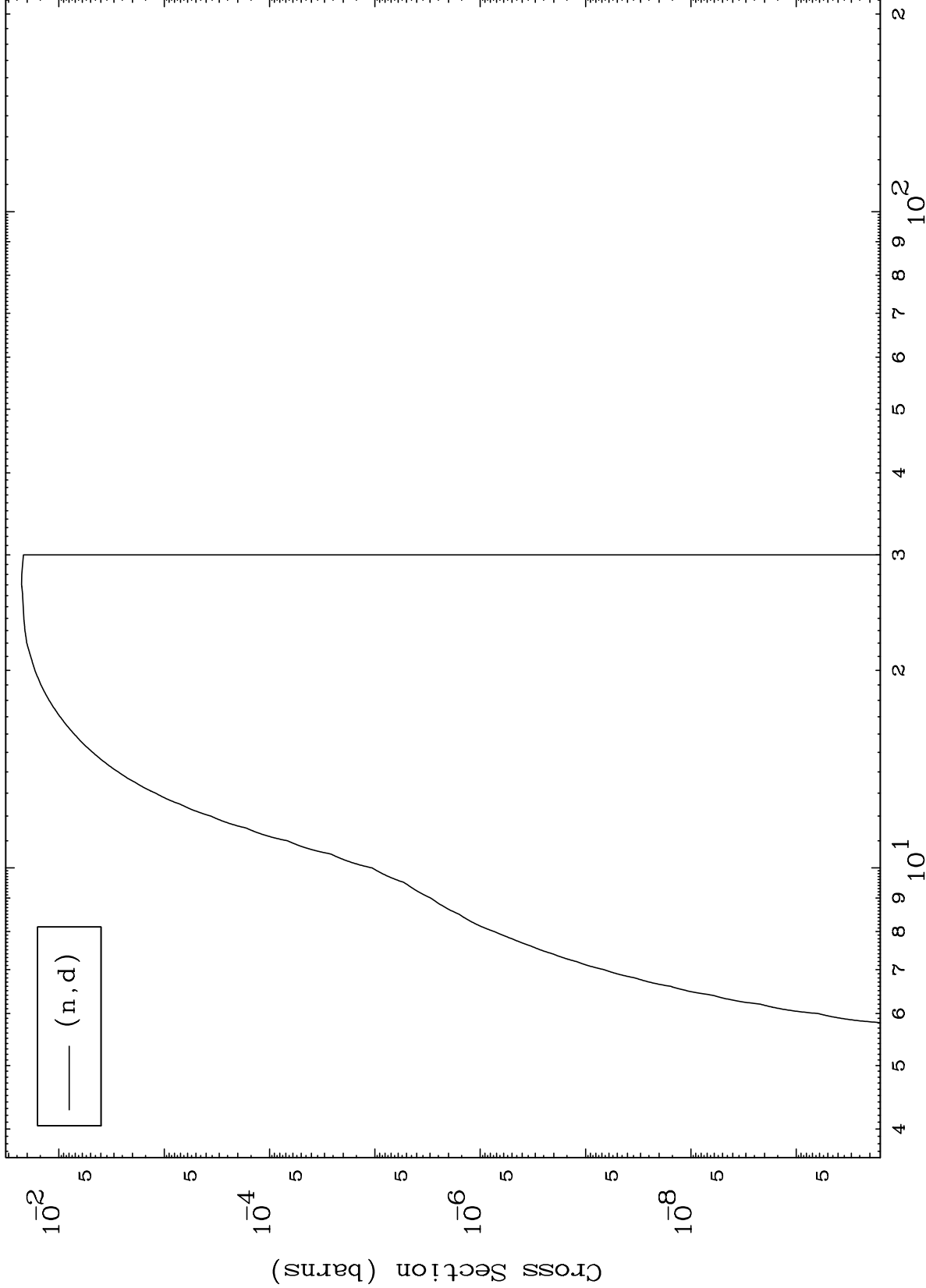
41-Nb-93m



MAT 4126

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-93m



13

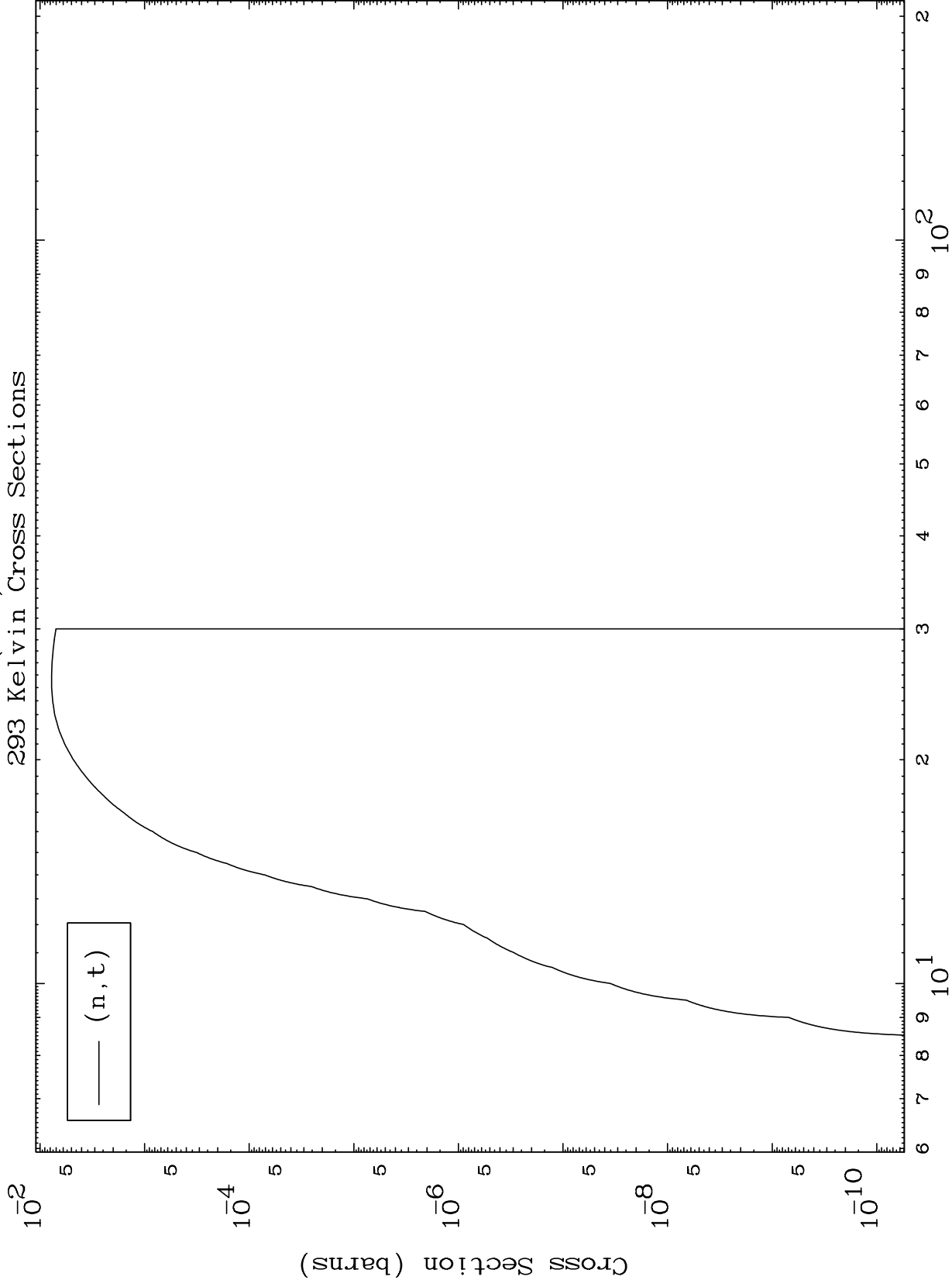
Incident Energy (MeV)

41-Nb-93m

MAT 4126

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-93m



14

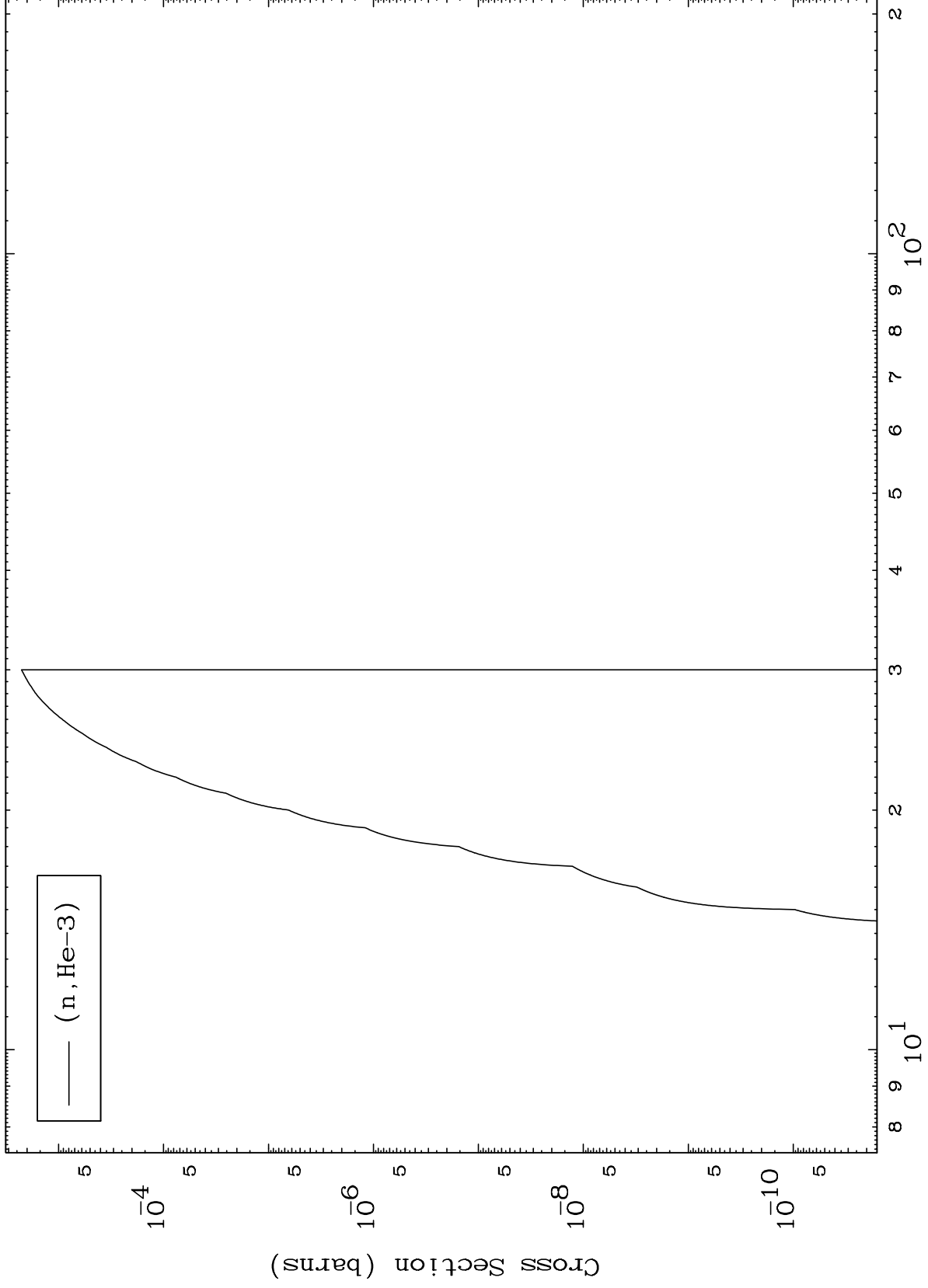
Incident Energy (MeV)

41-Nb-93m

MAT 4126

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-93m



15

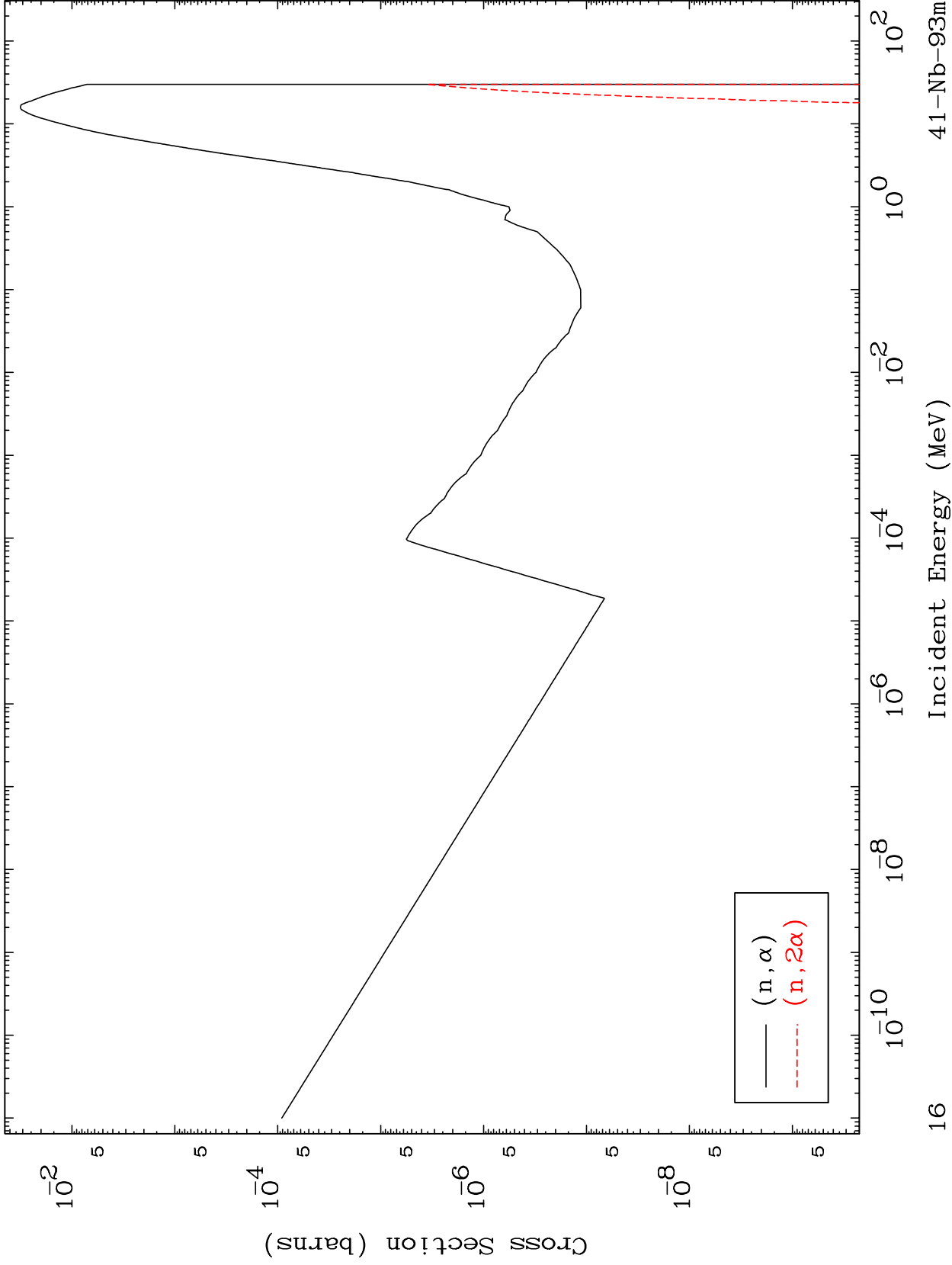
Incident Energy (MeV)

41-Nb-93m

MAT 4126

(n, α) Levels
293 Kelvin Cross Sections

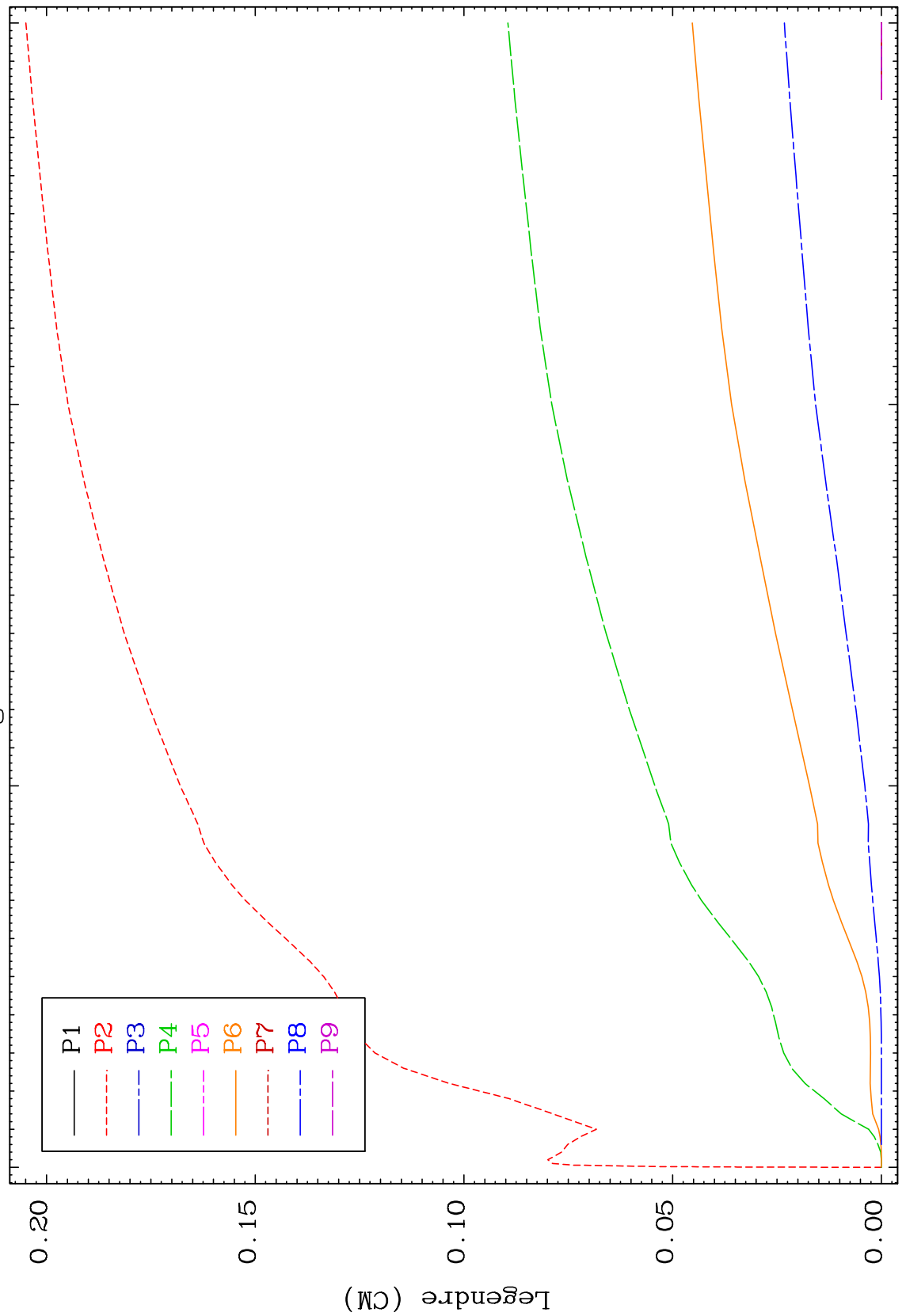
41-Nb-93m



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Elastic Legendre Coefficients

41-Nb-93m



17

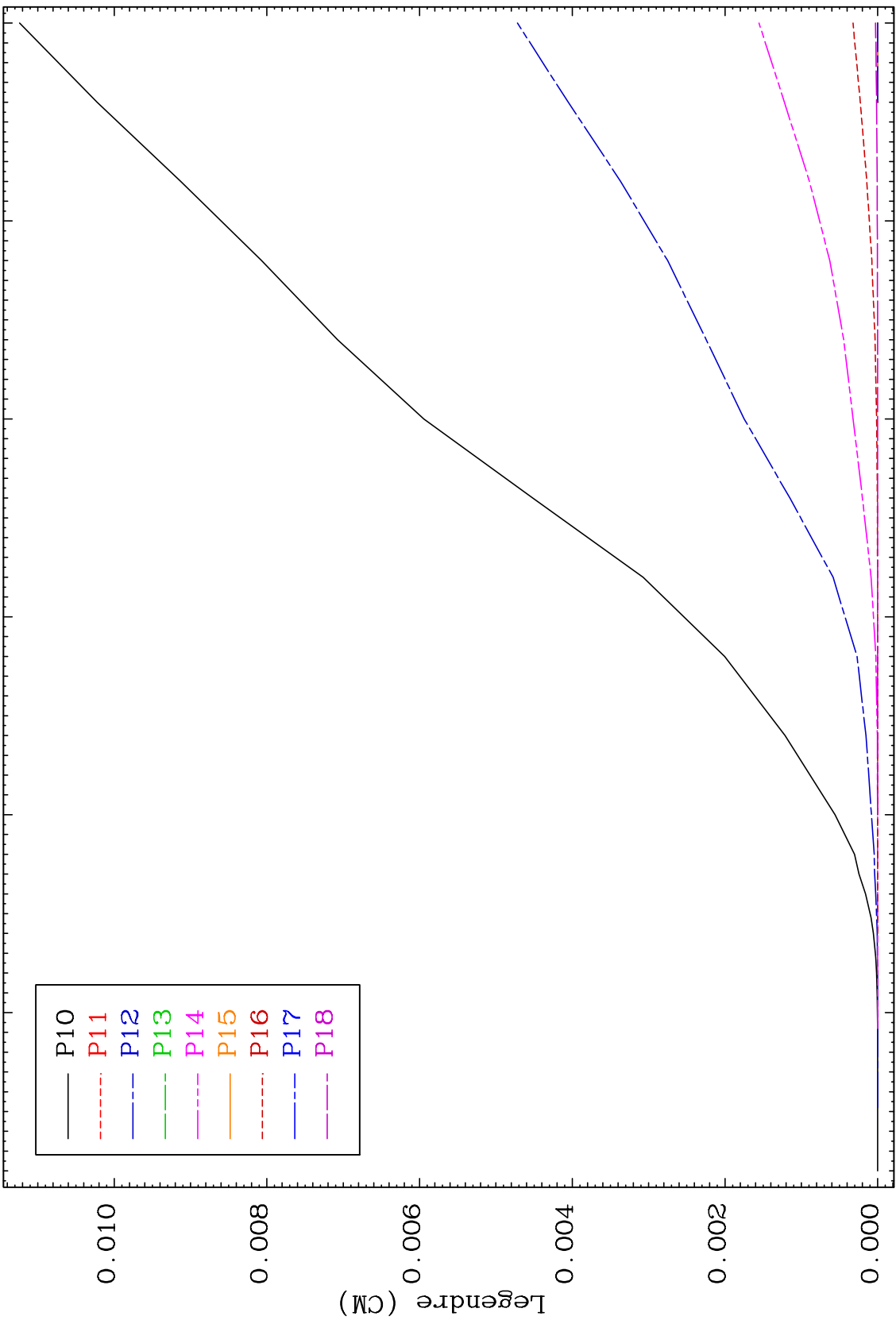
Incident Energy (MeV)

41-Nb-93m

MAT 4126

Elastic Legendre Coefficients

41-Nb-93m



18

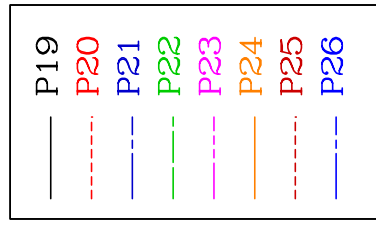
41-Nb-93m

Incident Energy (MeV)

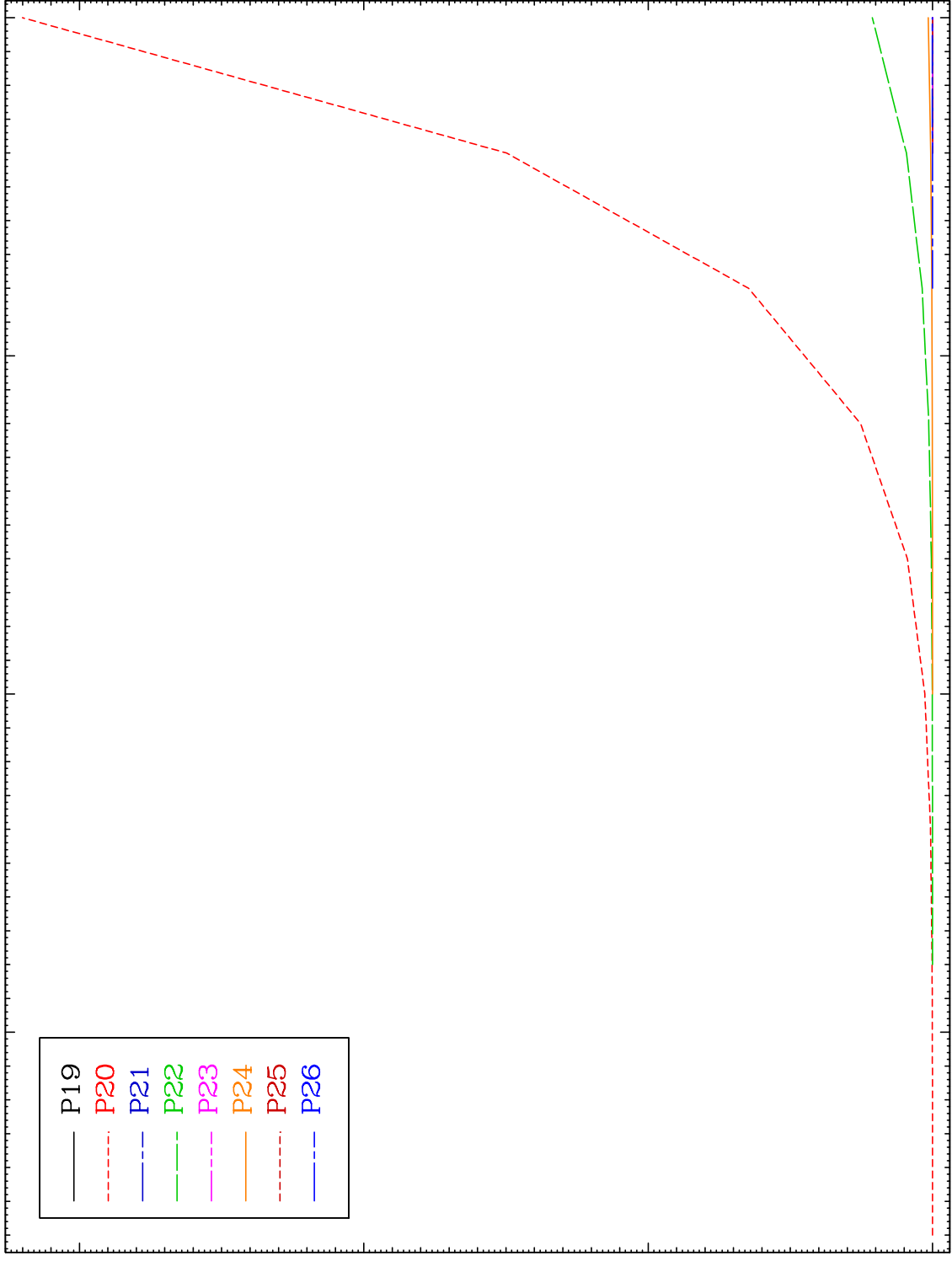
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Elastic
Legendre Coefficients

41-Nb-93m



Legendre (CM)
 $\times 10^{-6}$



19

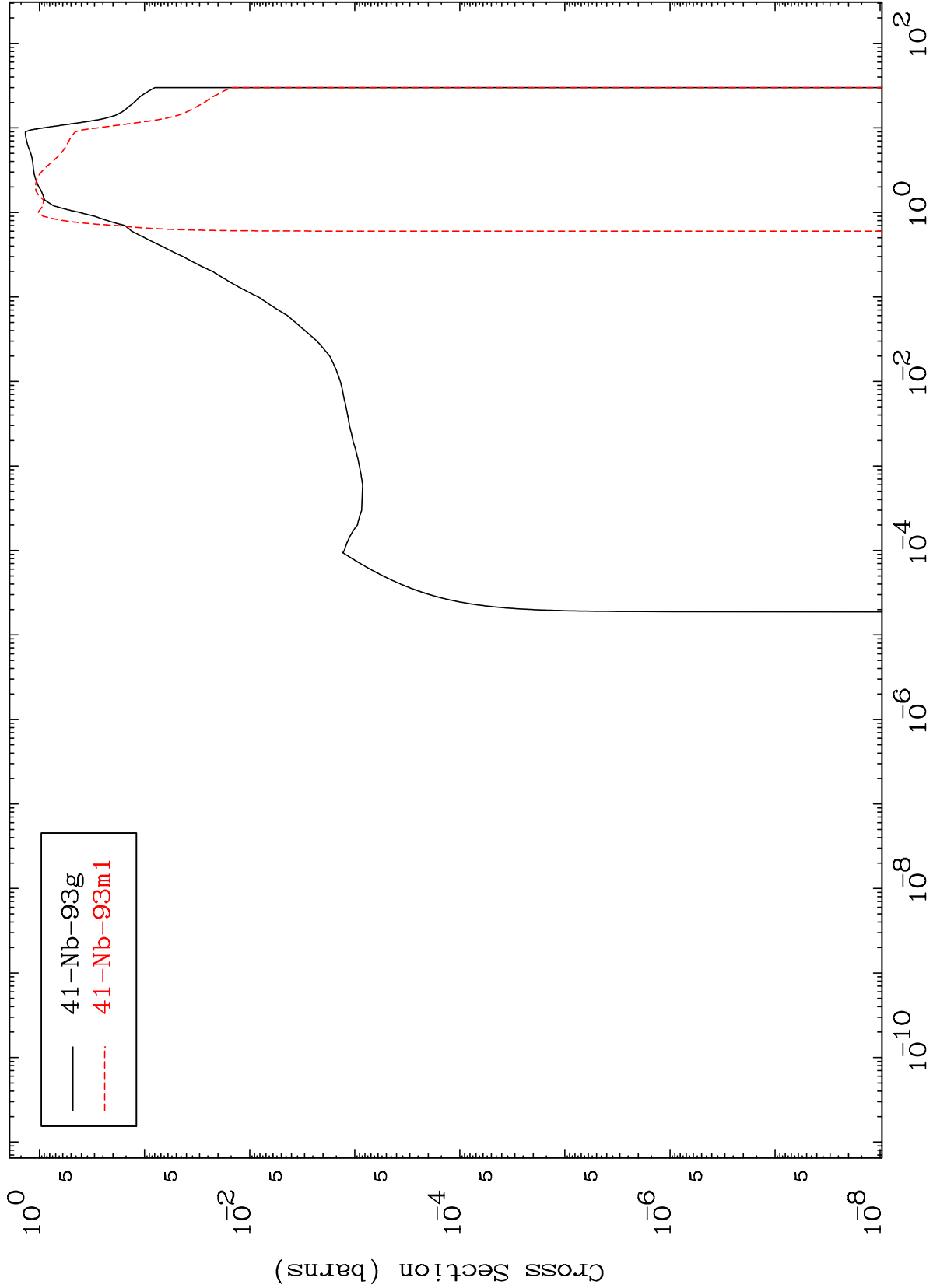
Incident Energy (MeV)

41-Nb-93m

MAT 4126

Inelastic
Radionuclide Production Cross Section

41-Nb-93m



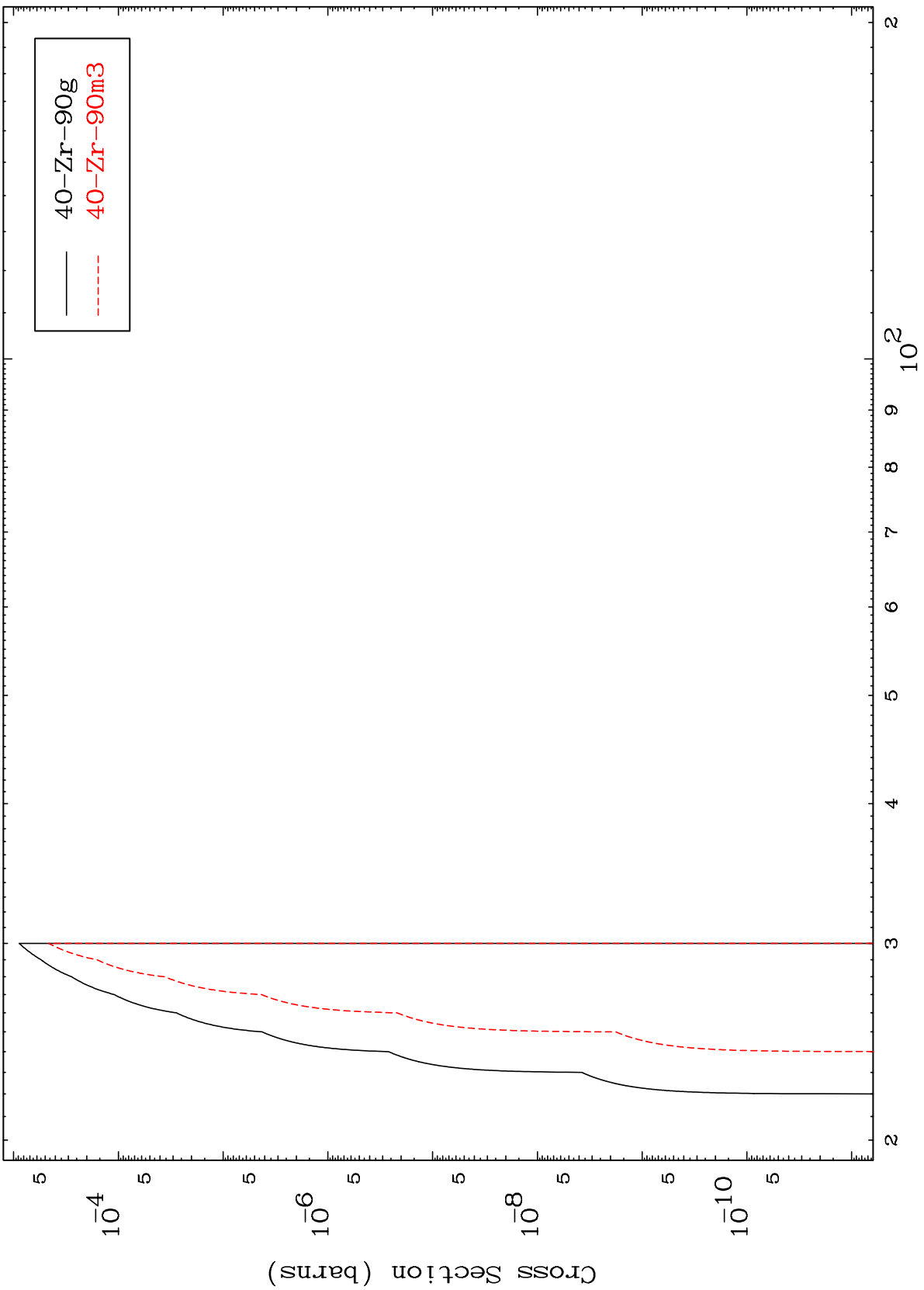
— 41-Nb-93g
- - - 41-Nb-93m1

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(n,2n) d

41-Nb-93m

Radionuclide Production Cross Section



21

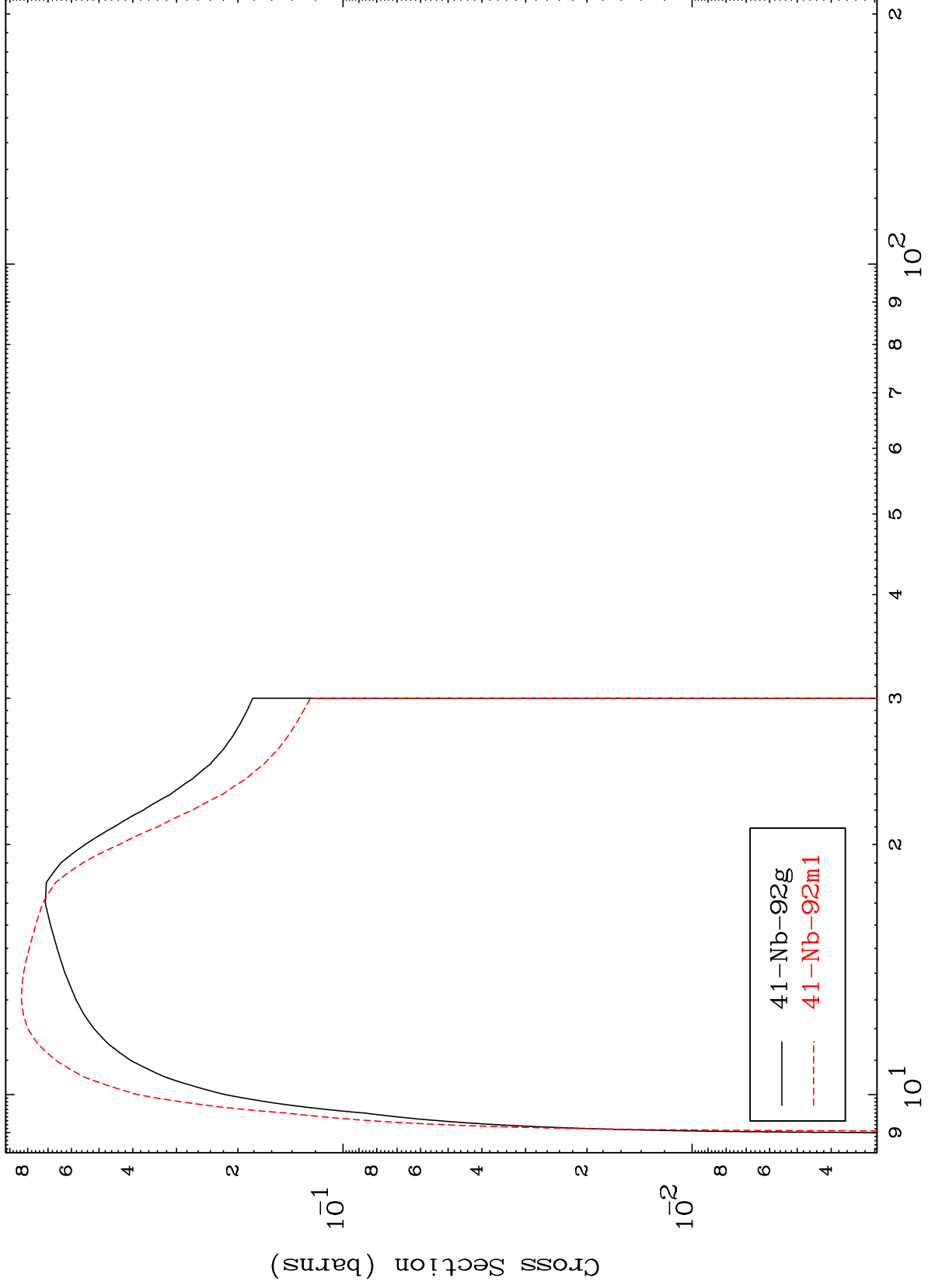
Incident Energy (MeV)

41-Nb-93m

MAT 4126

41-Nb-93m

(n,2n)
Radionuclide Production Cross Section



— 41-Nb-92g
- - - 41-Nb-92m1

41-Nb-93m

Incident Energy (MeV)

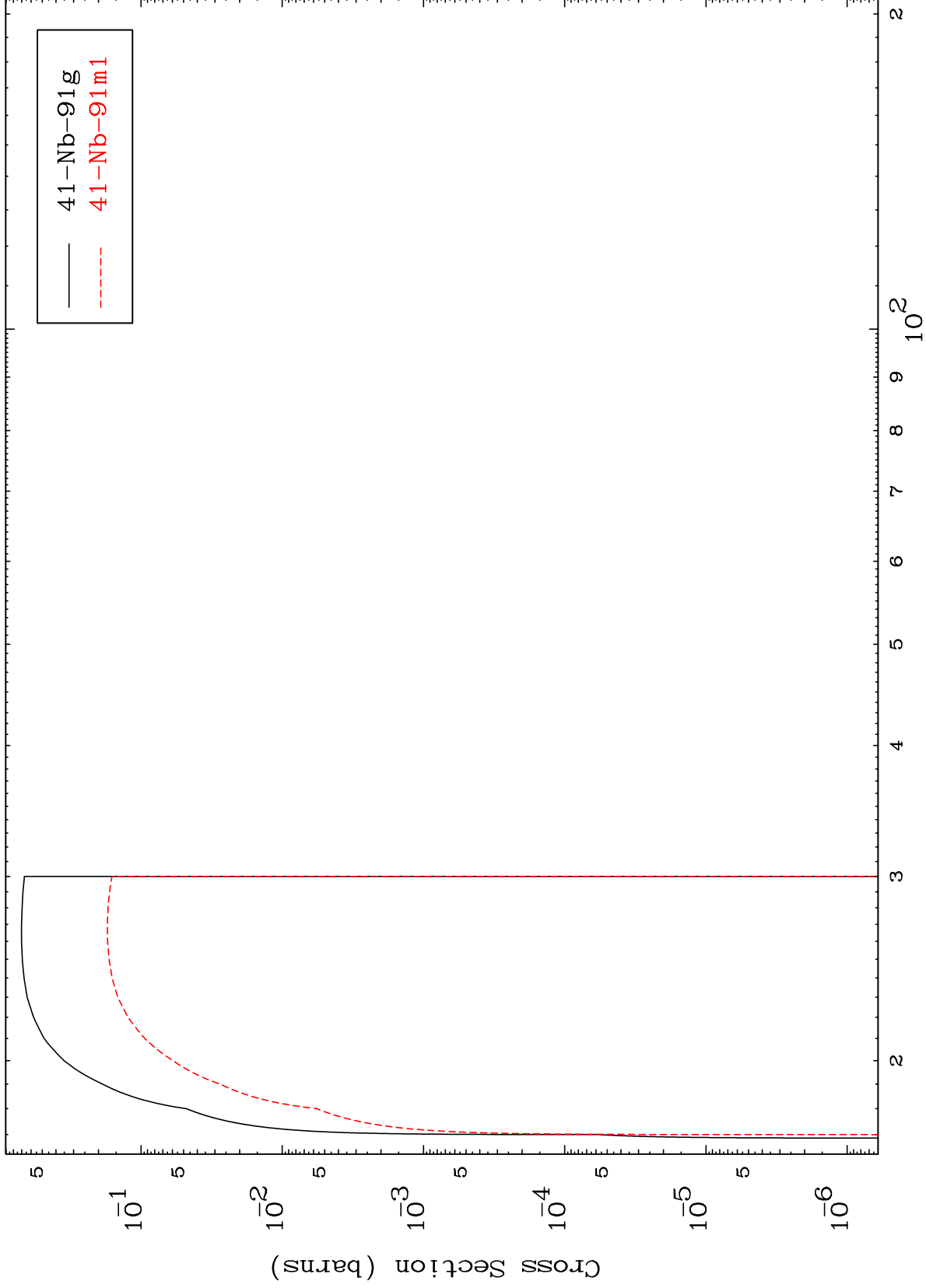
22

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(n,3n)

41-Nb-93m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

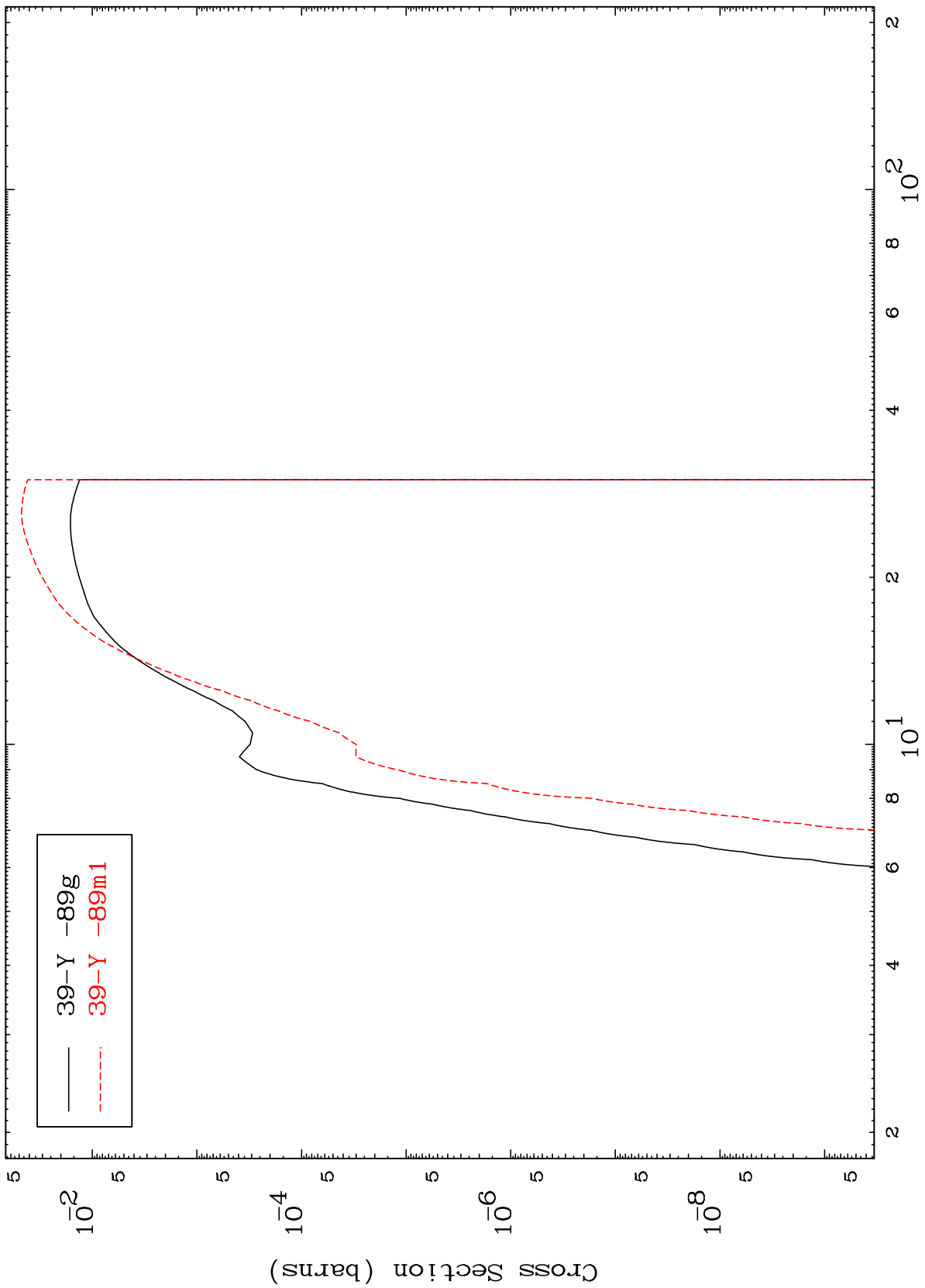
41-Nb-93m

MAT 4126

41-Nb-93m

(n,n') α

Radionuclide Production Cross Section



24

Incident Energy (MeV)

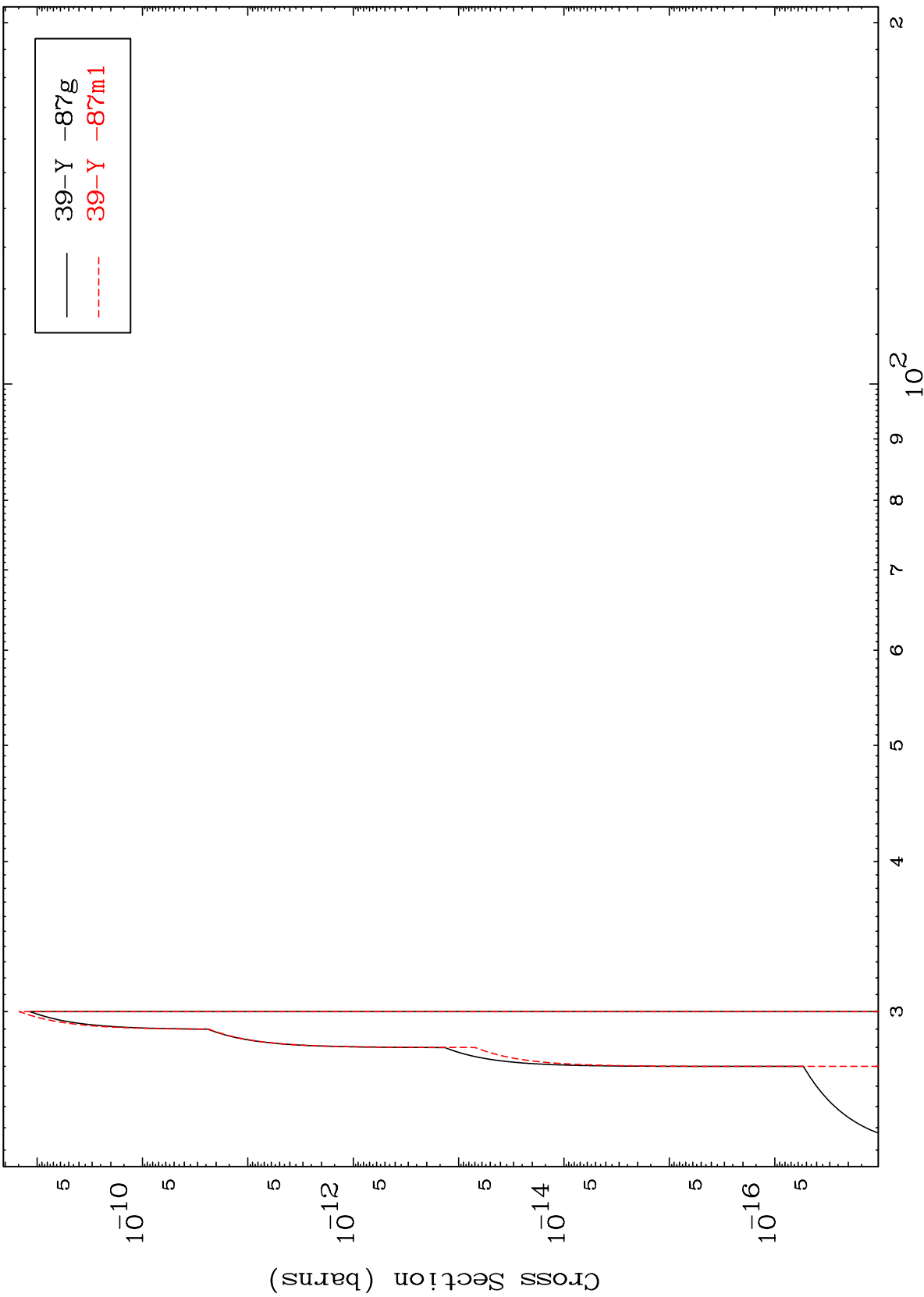
41-Nb-93m

MAT 4126

(n,3n) α

41-Nb-93m

Radionuclide Production Cross Section



25

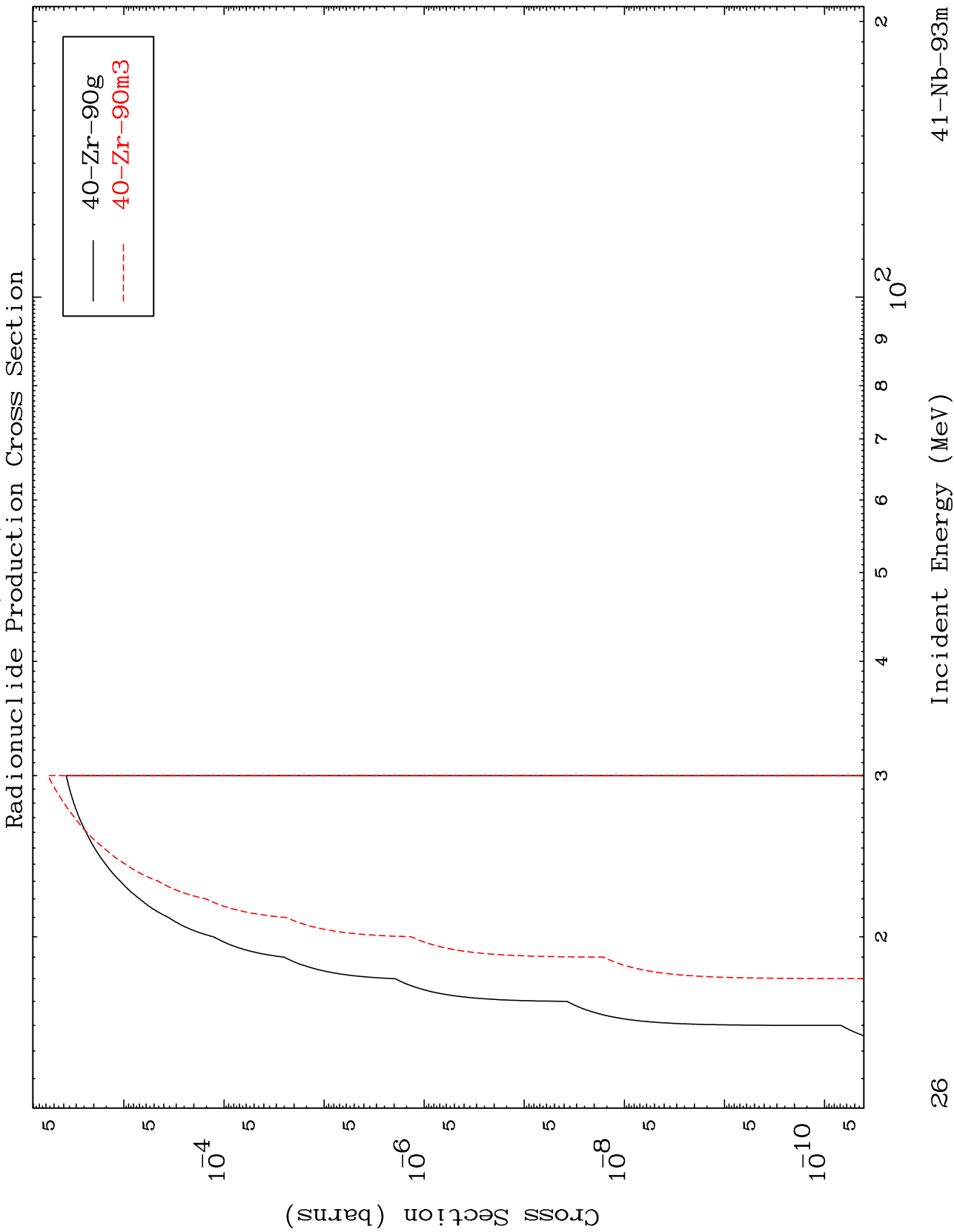
Incident Energy (MeV)

41-Nb-93m

MAT 4126

(n,n') t

41-Nb-93m



26

41-Nb-93m

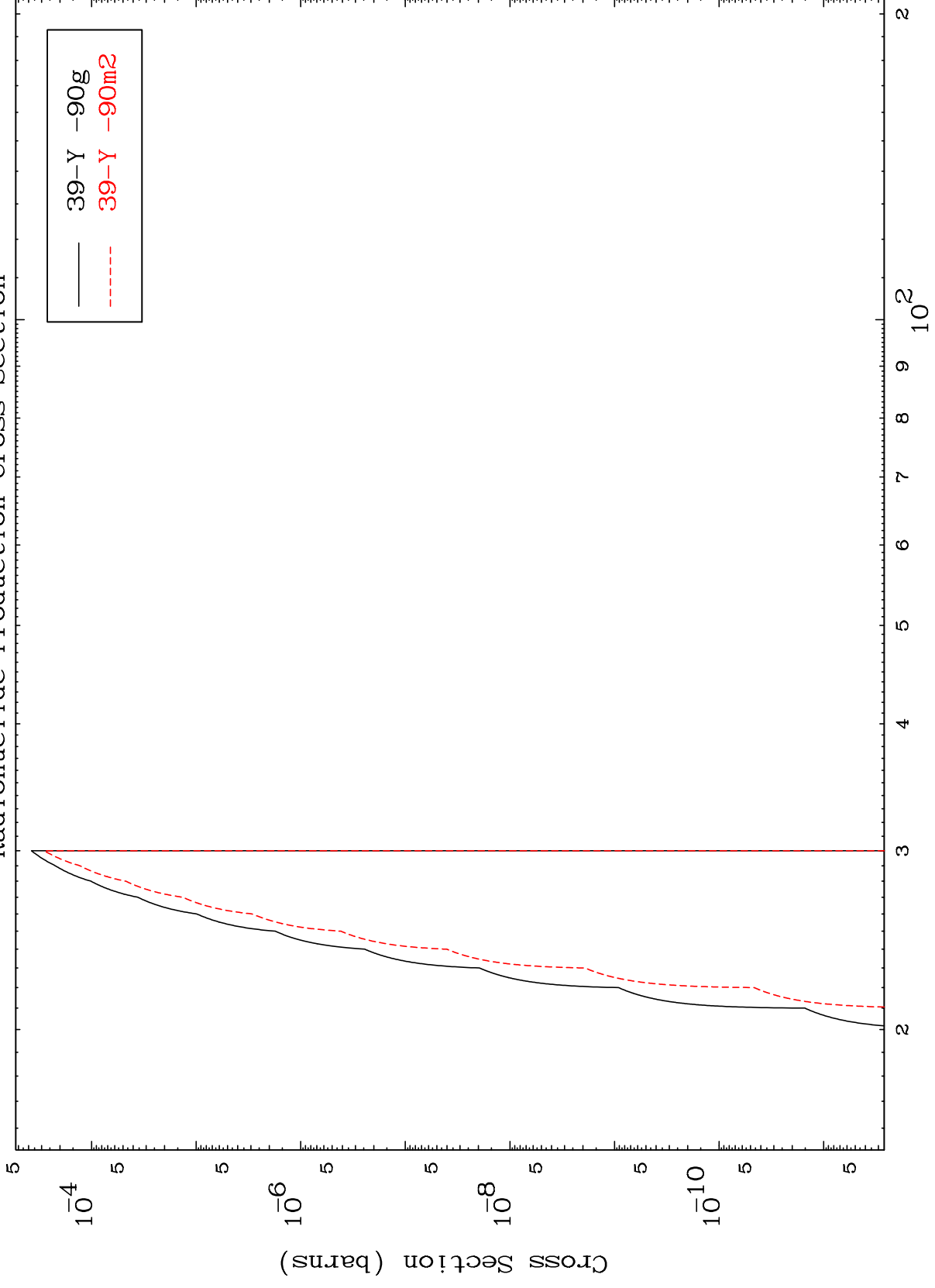
41-Nb-93m

MAT 4126

(n,n') He-3

41-Nb-93m

Radionuclide Production Cross Section



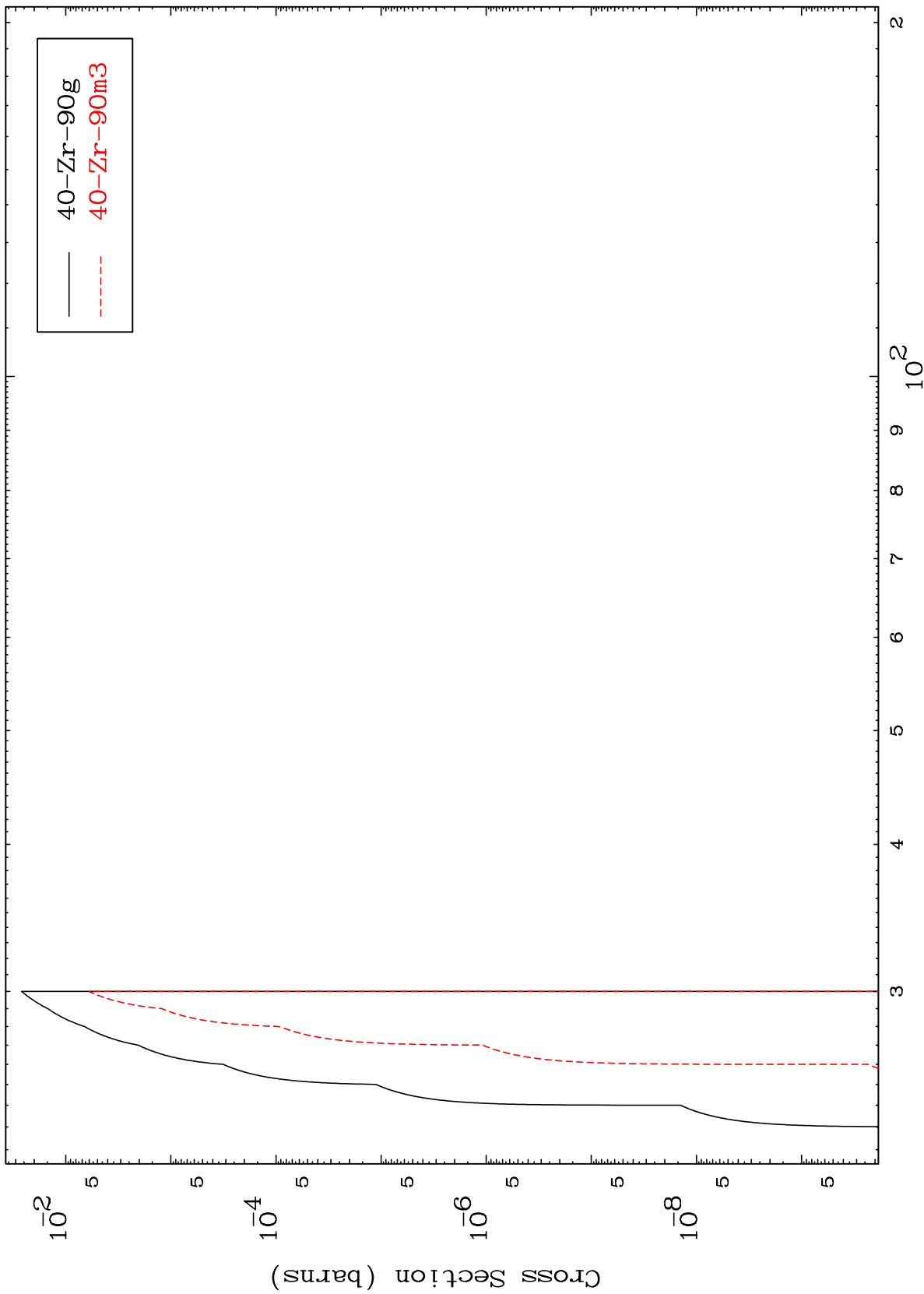
39-Y -90g
39-Y -90m2

MAT 4126

(n,3n) p

41-Nb-93m

Radionuclide Production Cross Section



28

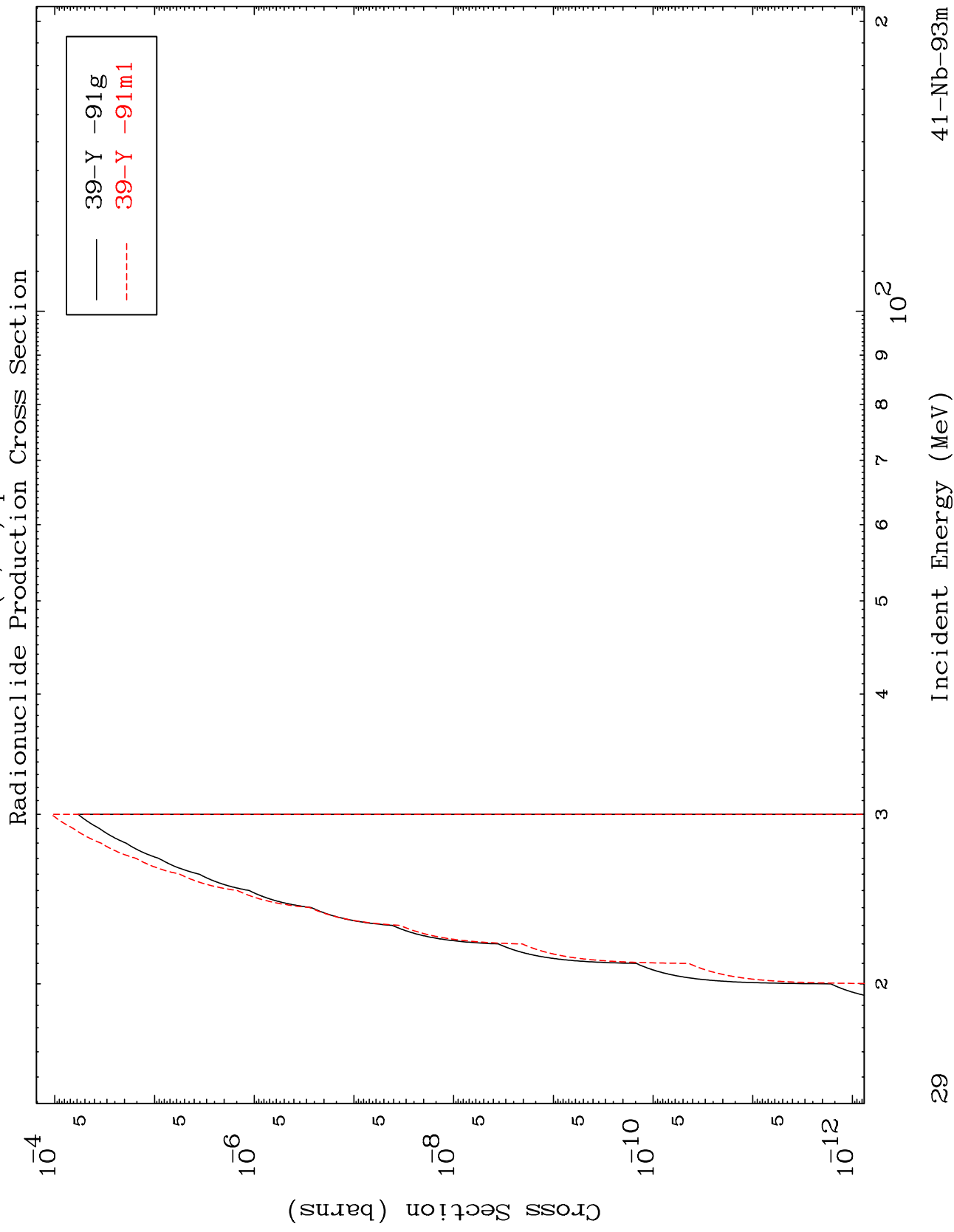
Incident Energy (MeV)

41-Nb-93m

MAT 4126

(n,2n) p

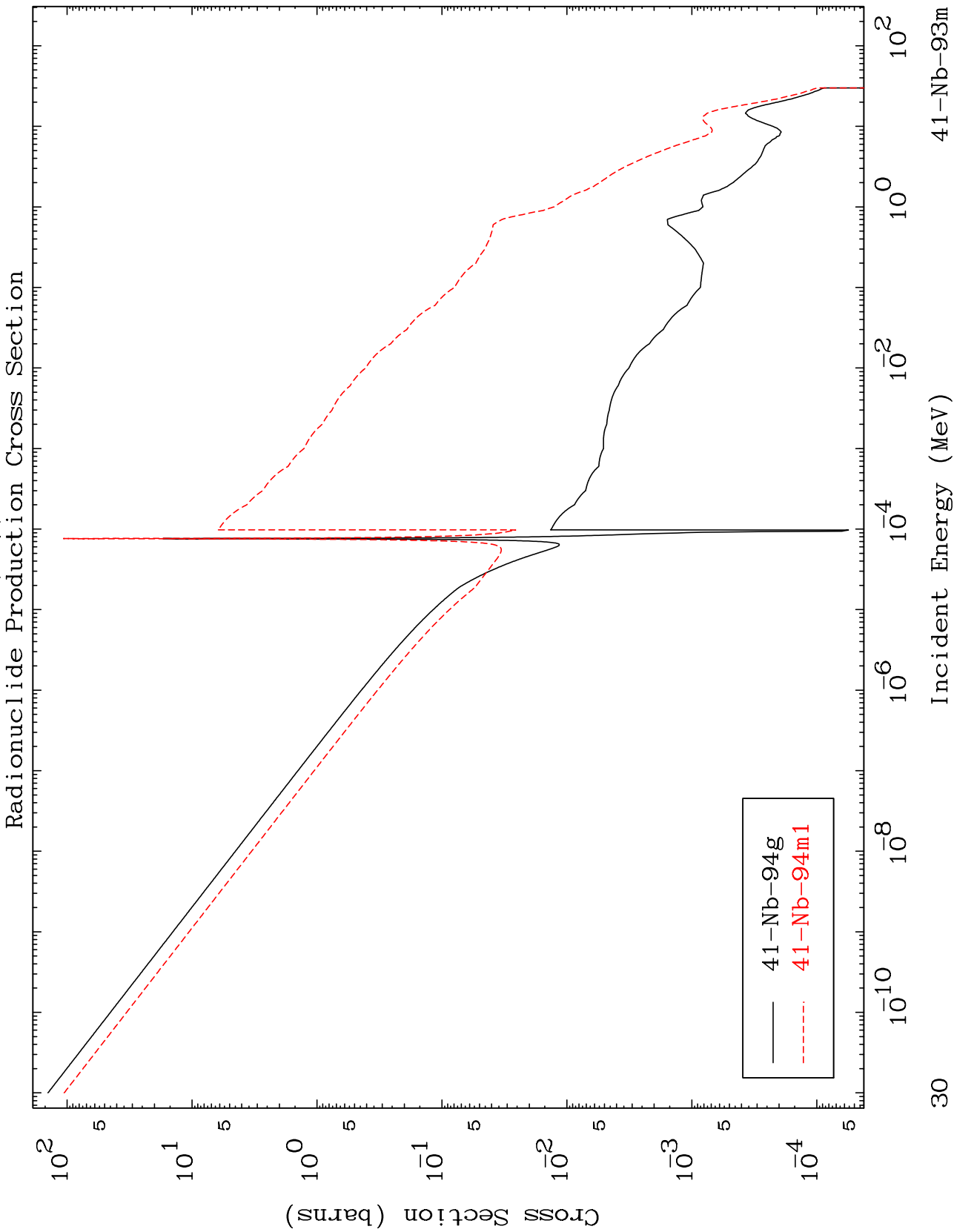
41-Nb-93m



29

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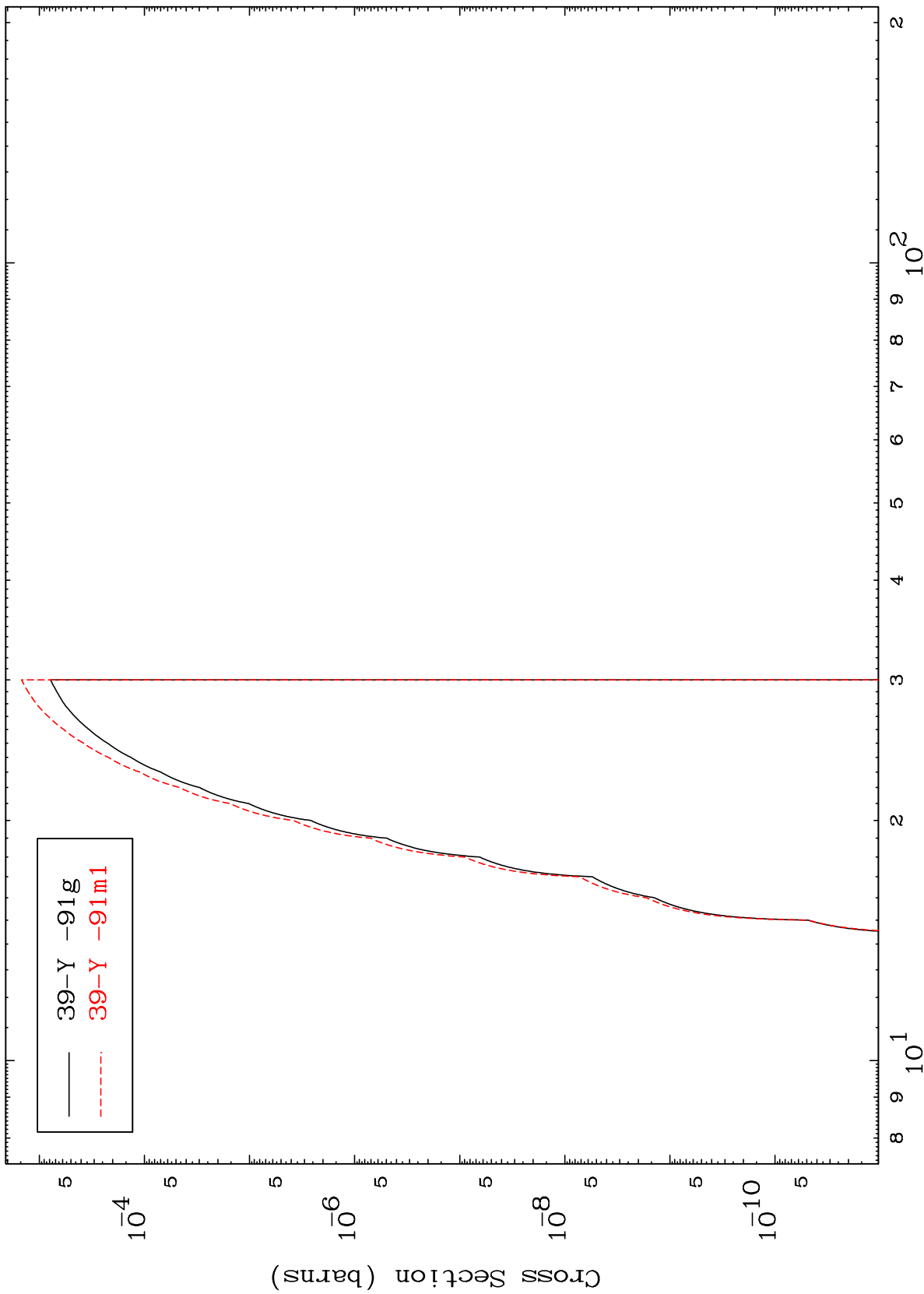
41-Nb-93m



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41-Nb-93m

Radionuclide Production Cross Section
(n,He-3)



31

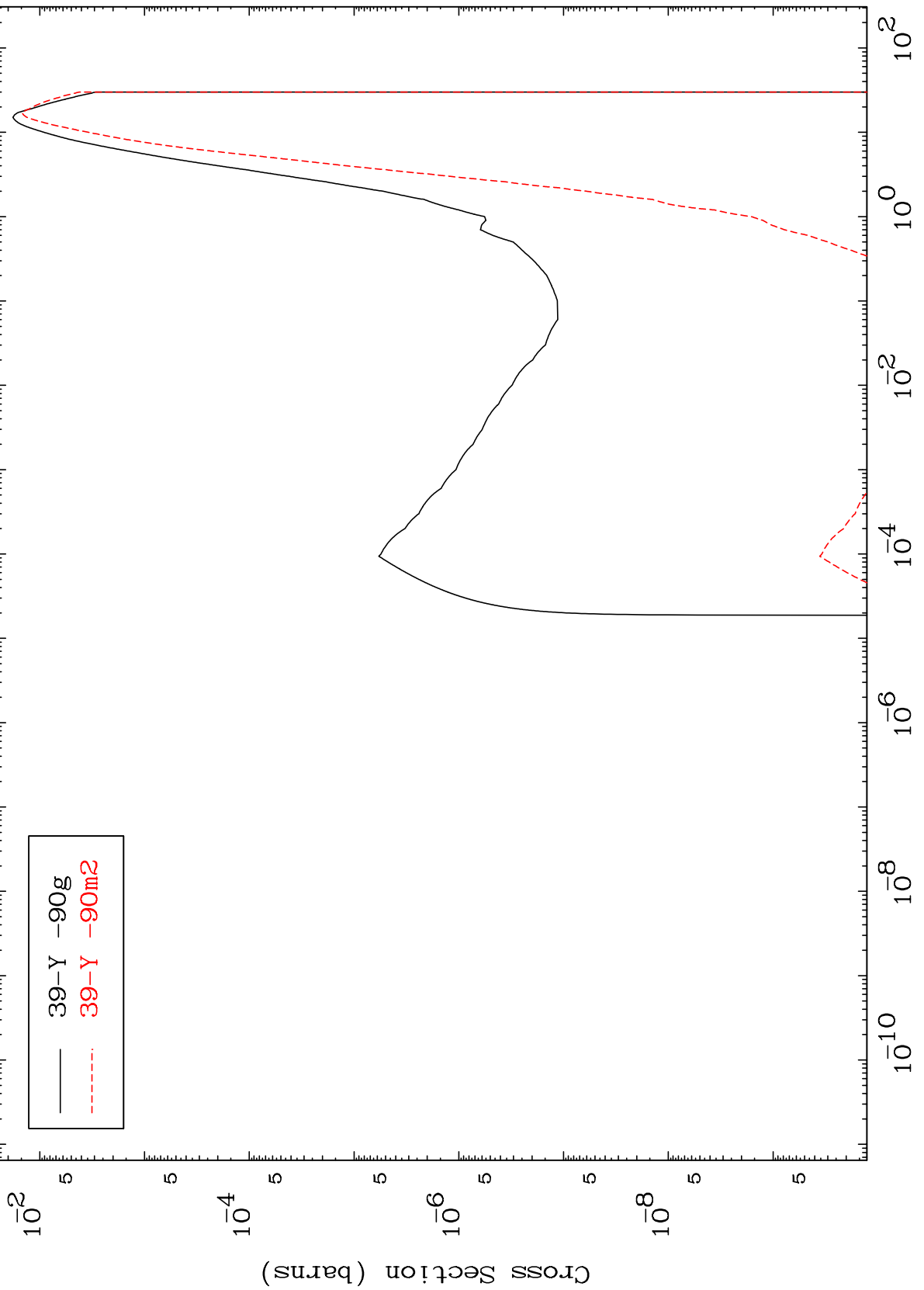
Incident Energy (MeV)

41-Nb-93m

MAT 4126

41-Nb-93m

Radionuclide Production Cross Section
(n, α)



32

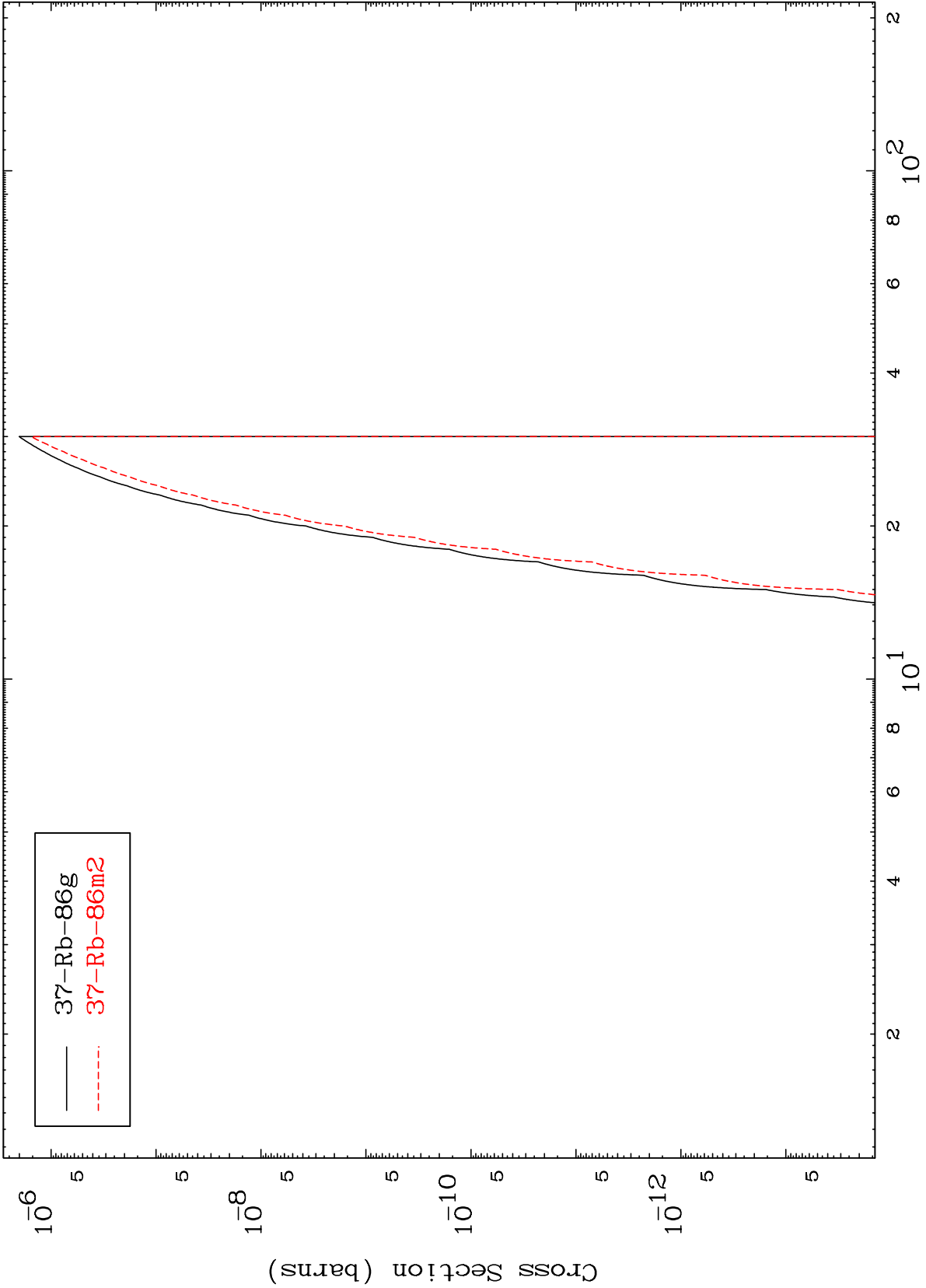
41-Nb-93m

MAT 4126

(n,2α)

41-Nb-93m

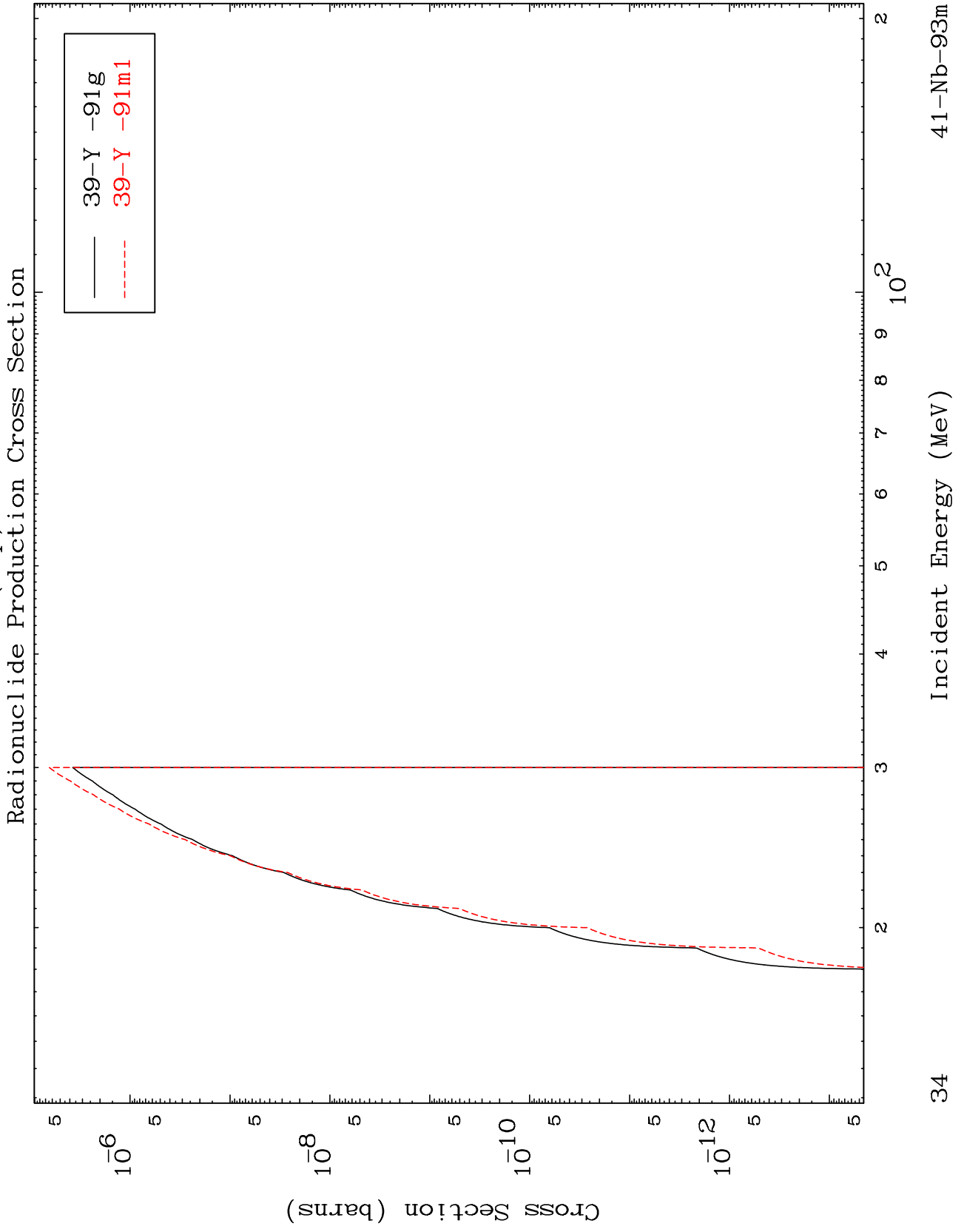
Radionuclide Production Cross Section



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(n,p) d

41-Nb-93m



34

Incident Energy (MeV)

41-Nb-93m

Radionuclide Production Cross Section

