

Program EVALPLOT
(Version 2021-1)

by

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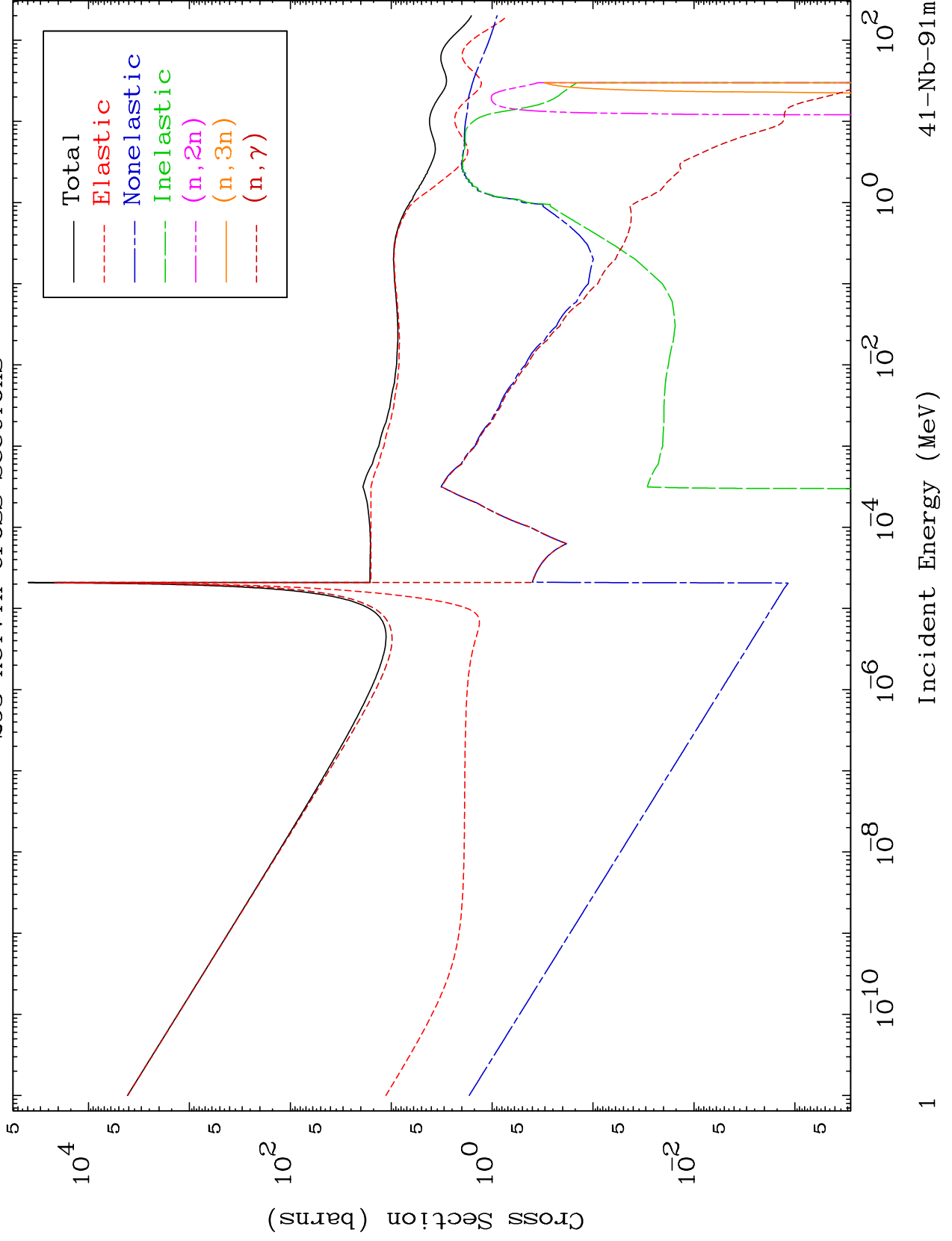
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4120

Neutron Major
293 Kelvin Cross Sections

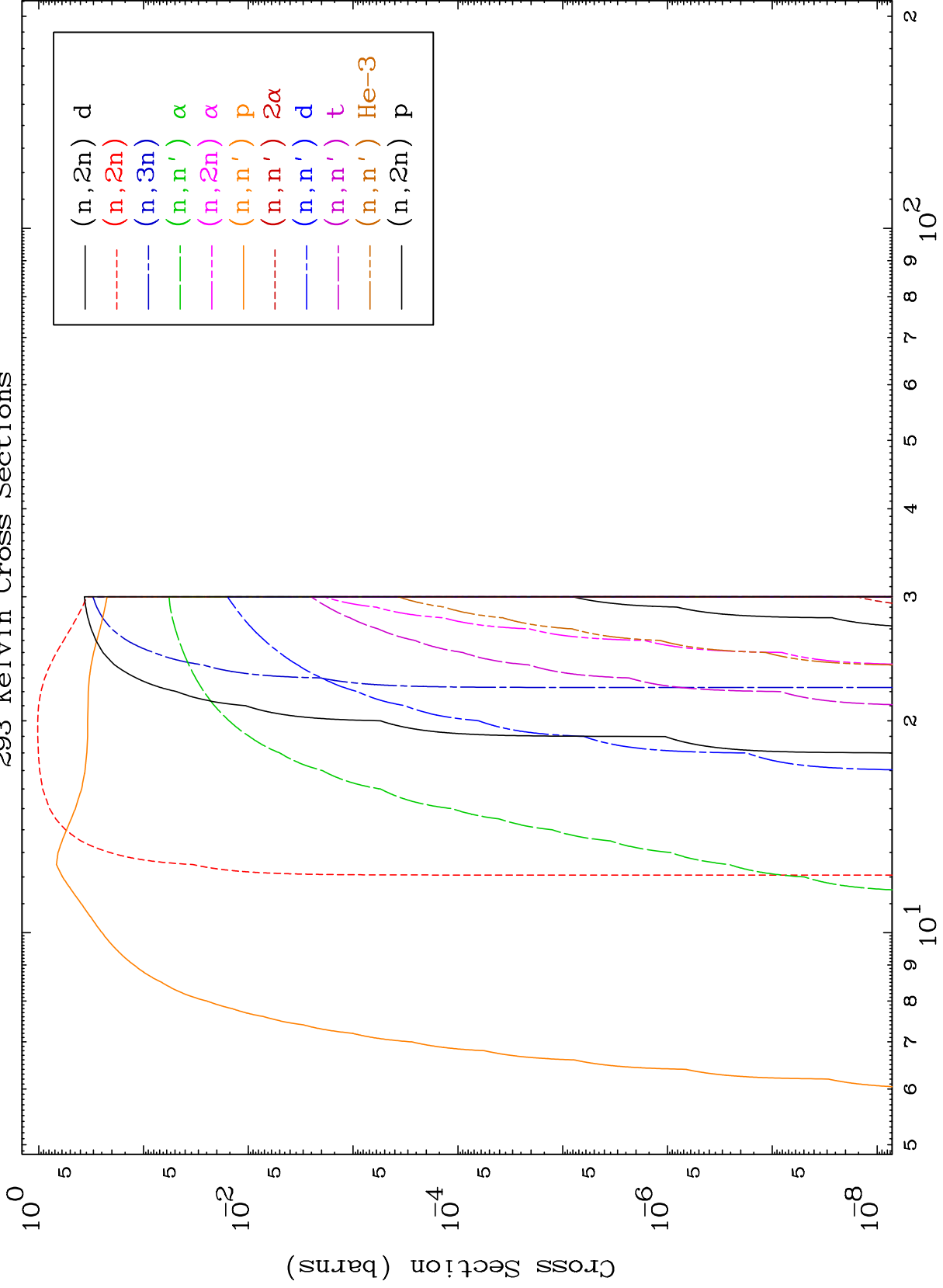
41-Nb-91m



MAT 4120

Neutron Absorption
293 Kelvin Cross Sections

41-Nb-91m



2

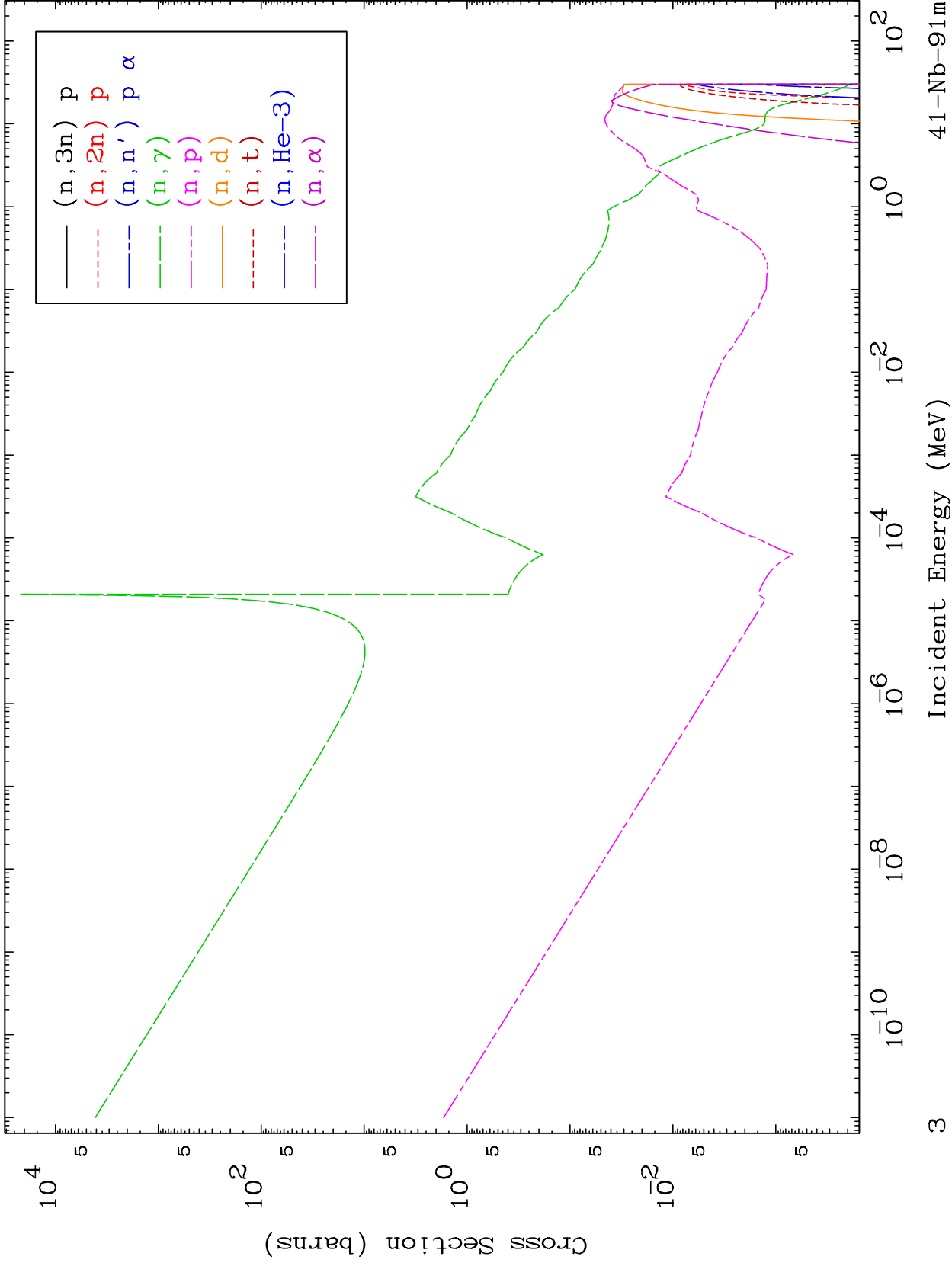
Incident Energy (MeV)

41-Nb-91m

MAT 4120

Neutron Absorption
293 Kelvin Cross Sections

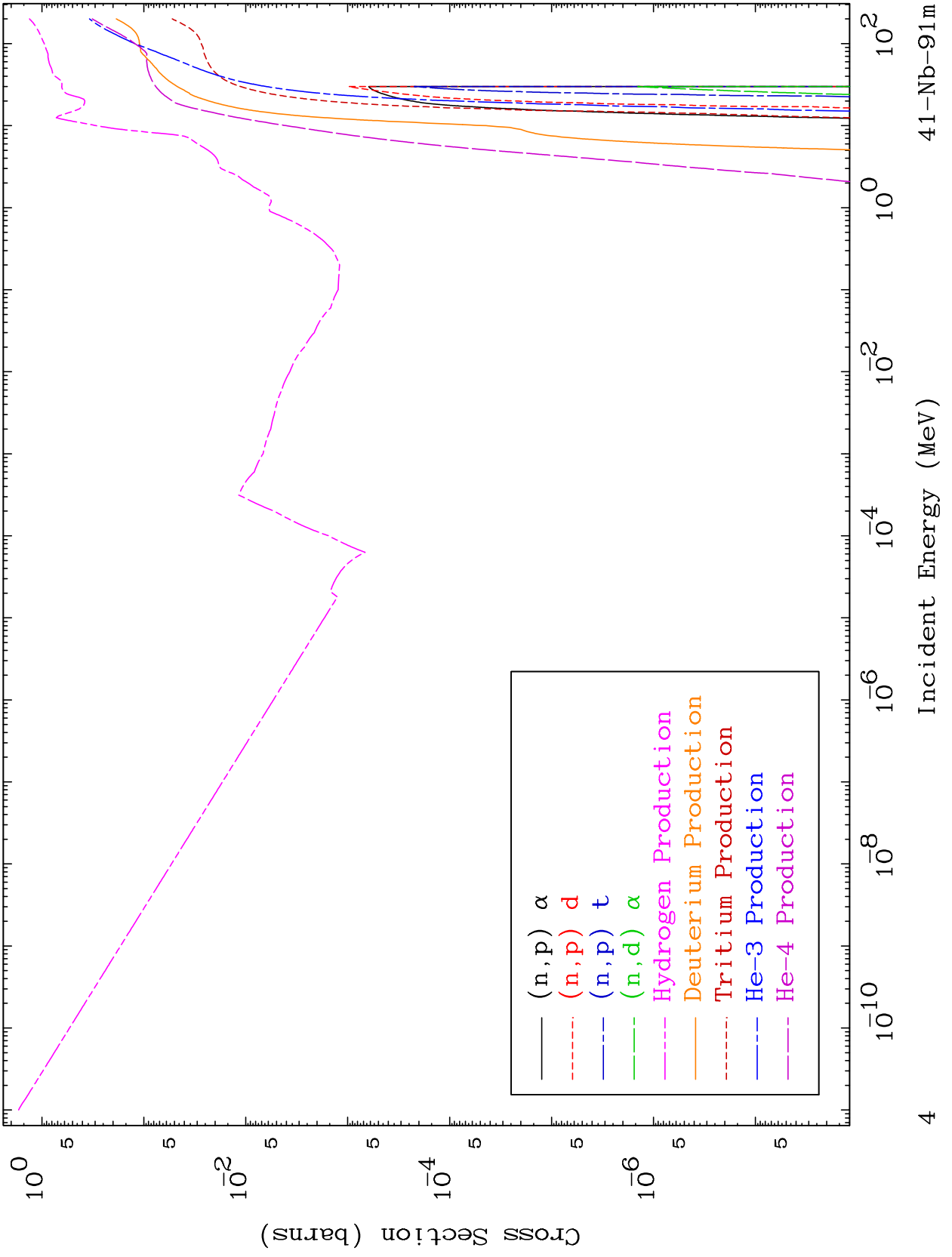
41-Nb-91m



MAT 4120

Neutron Absorption
293 Kelvin Cross Sections

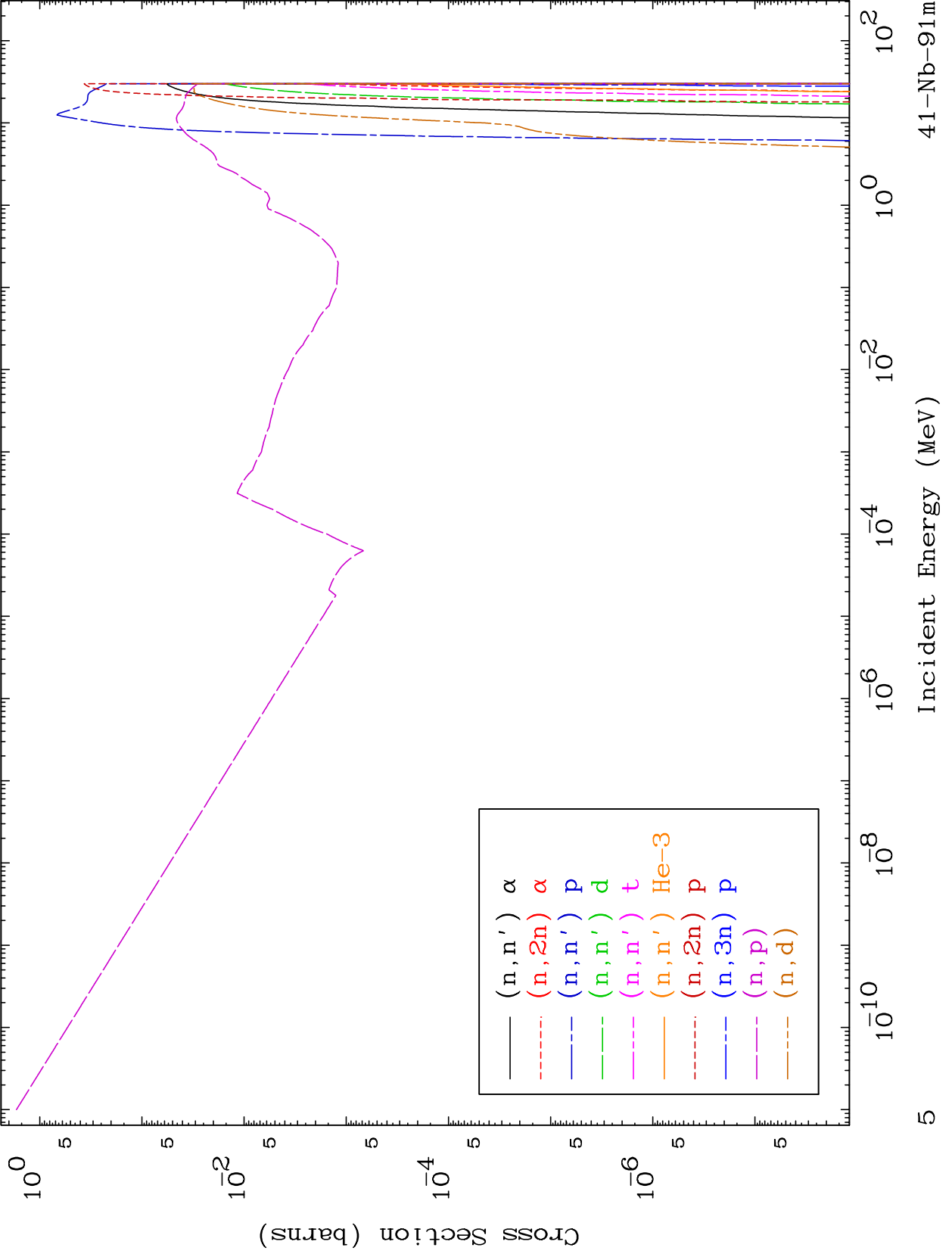
41-Nb-91m



MAT 4120

Charged Particle
293 Kelvin Cross Sections

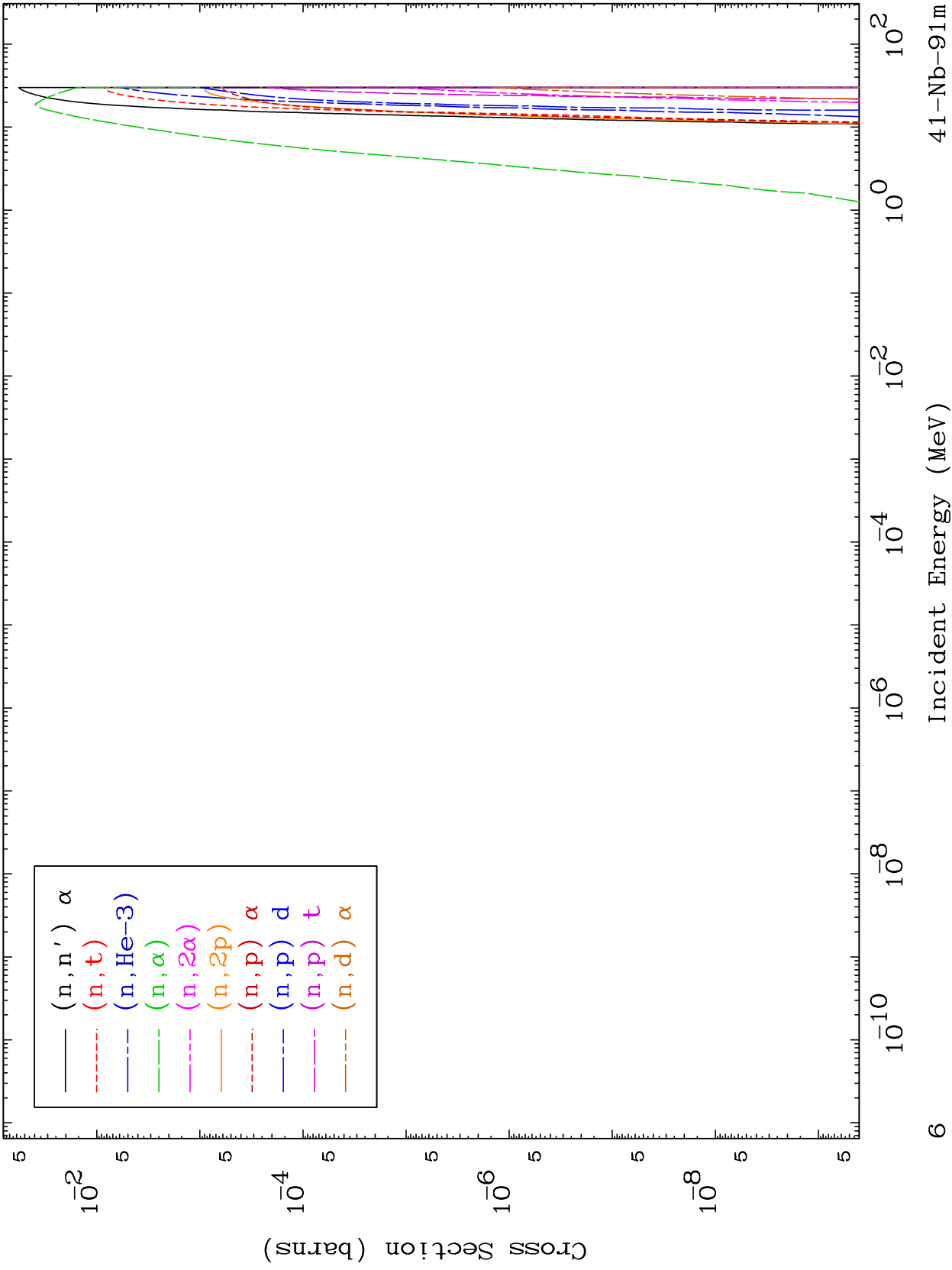
41-Nb-91m



MAT 4120

Charged Particle
293 Kelvin Cross Sections

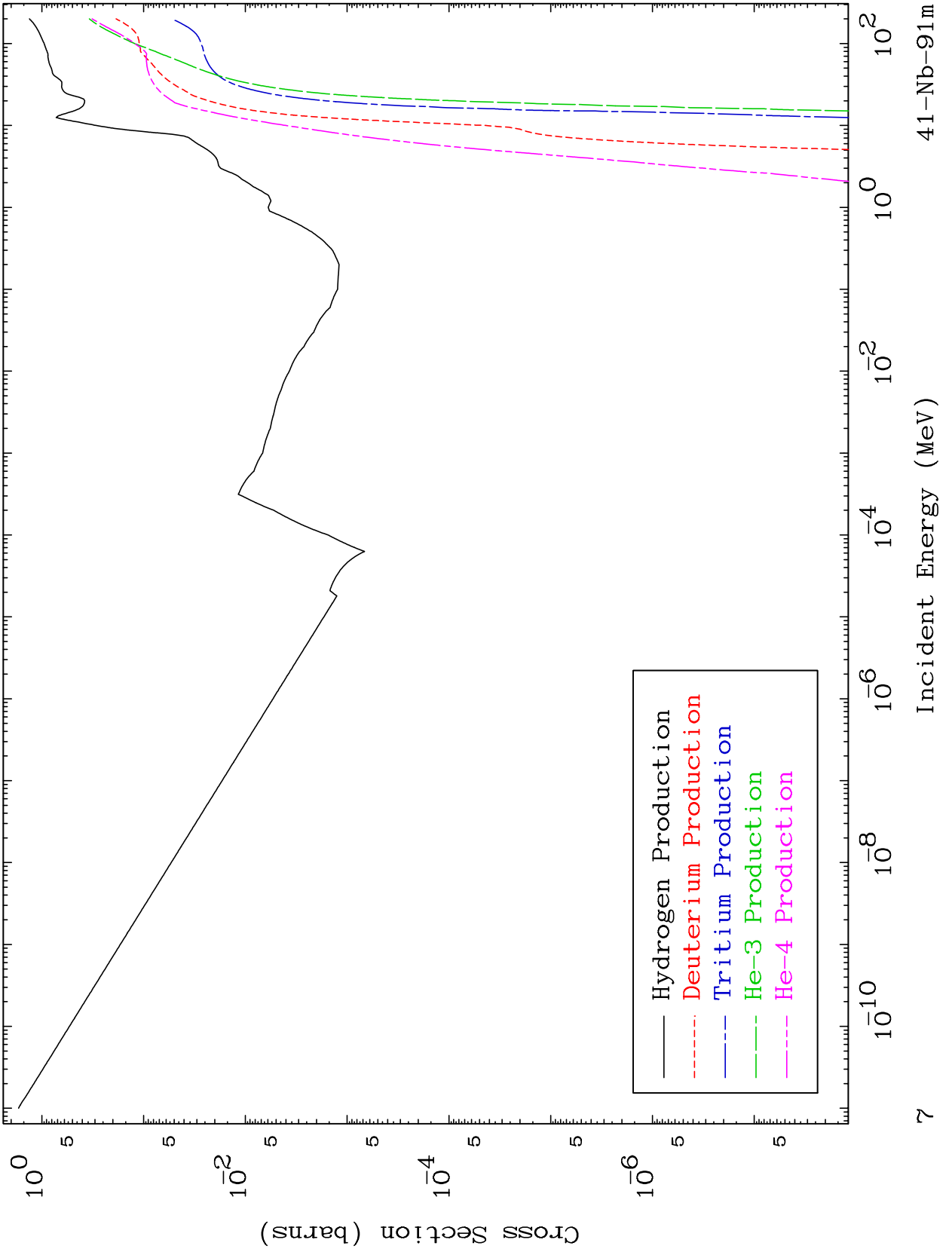
41-Nb-91m



MAT 4120

Particle Production
293 Kelvin Cross Sections

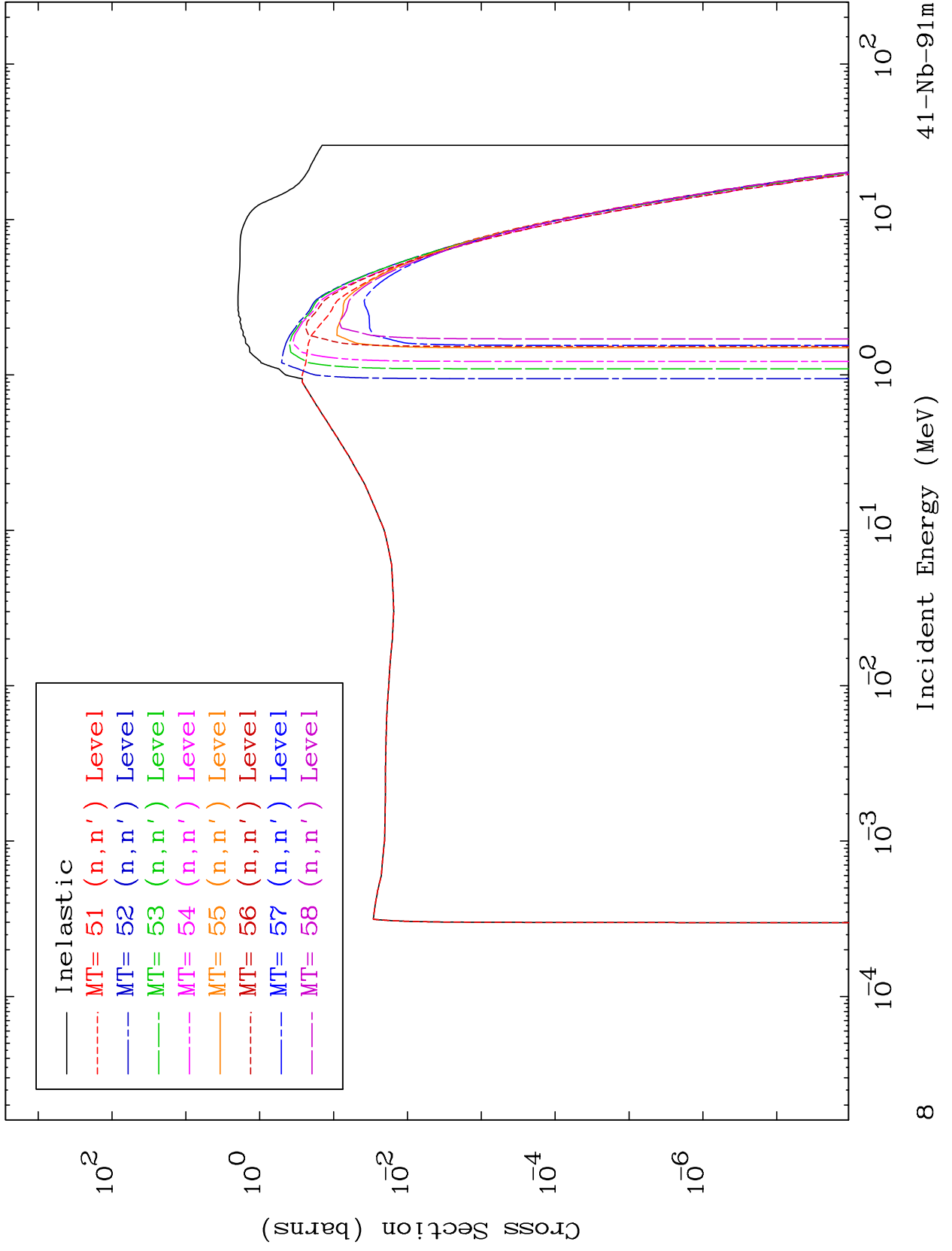
41-Nb-91m



MAT 4120

(n,n') Levels
293 Kelvin Cross Sections

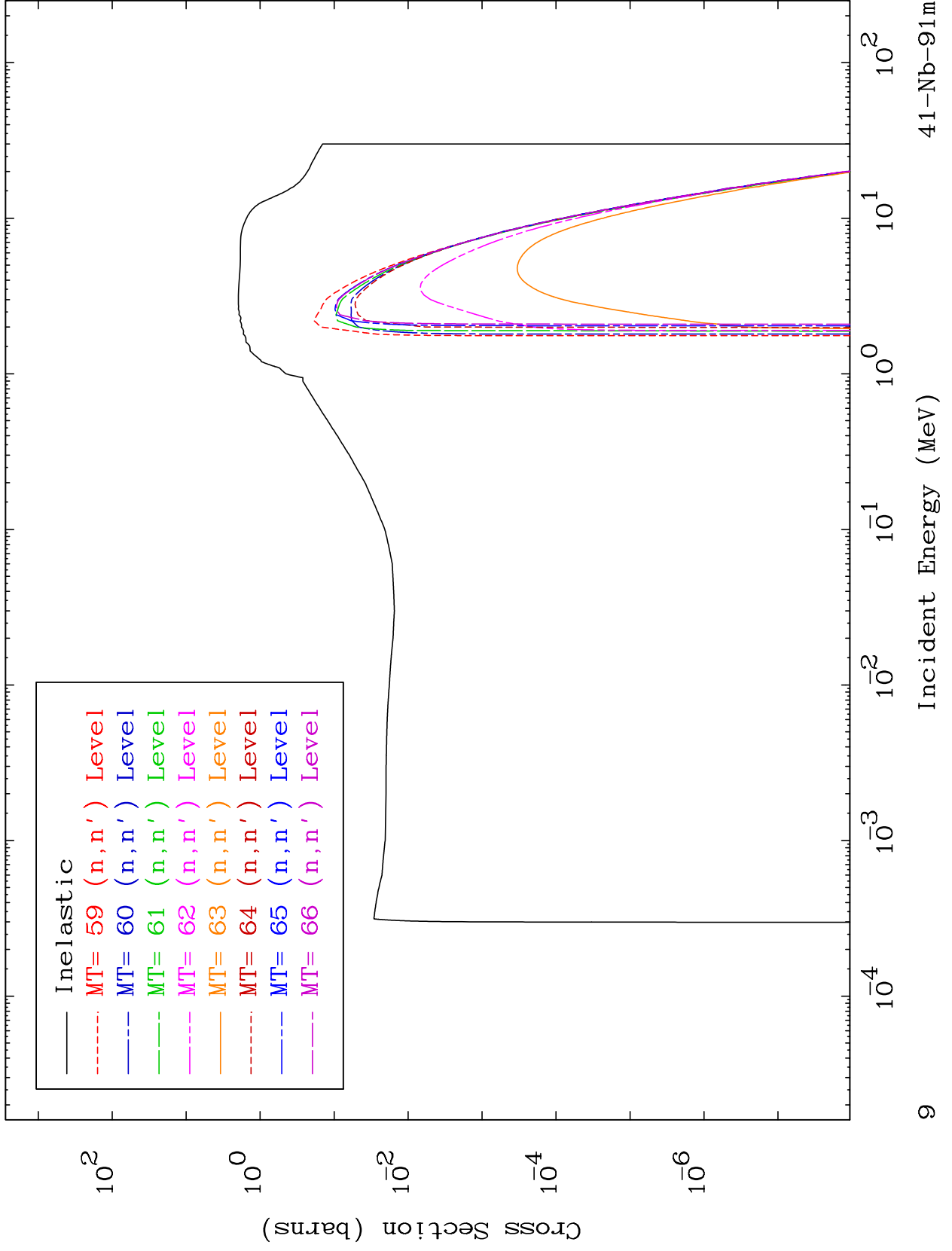
41-Nb-91m



MAT 4120

(n,n') Levels
293 Kelvin Cross Sections

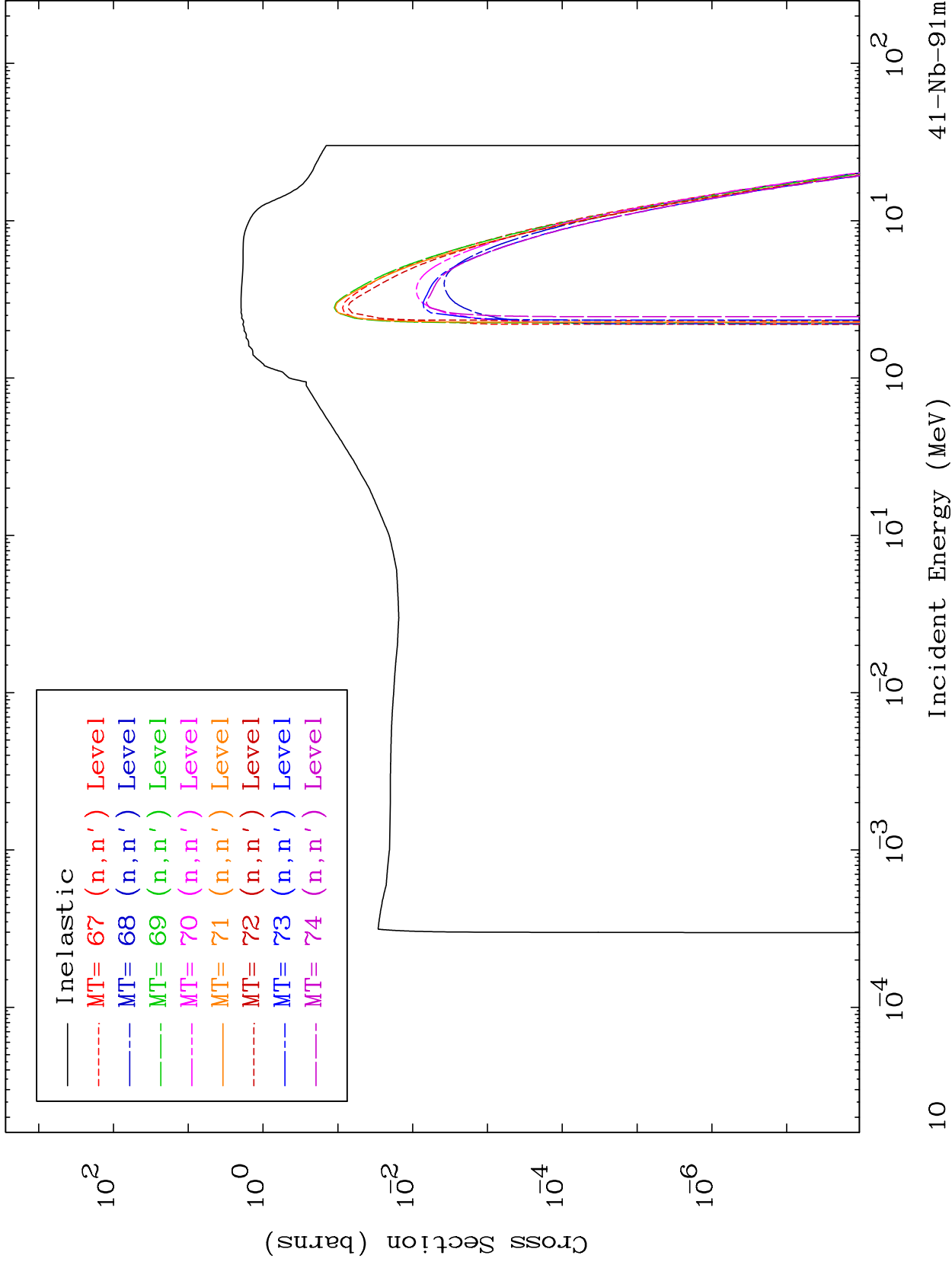
41-Nb-91m



MAT 4120

(n,n') Levels
293 Kelvin Cross Sections

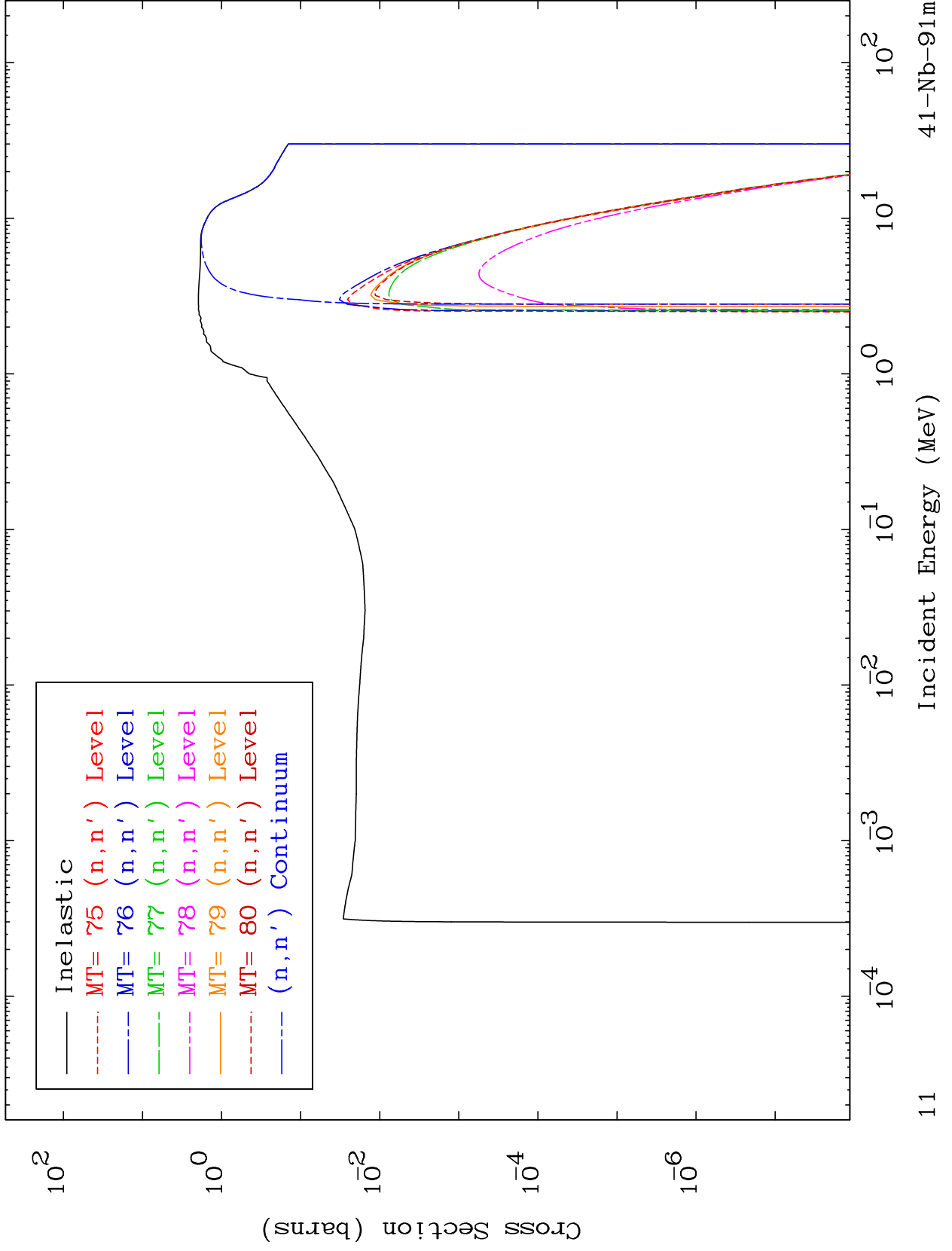
41-Nb-91m



MAT 4120

(n,n') Levels
293 Kelvin Cross Sections

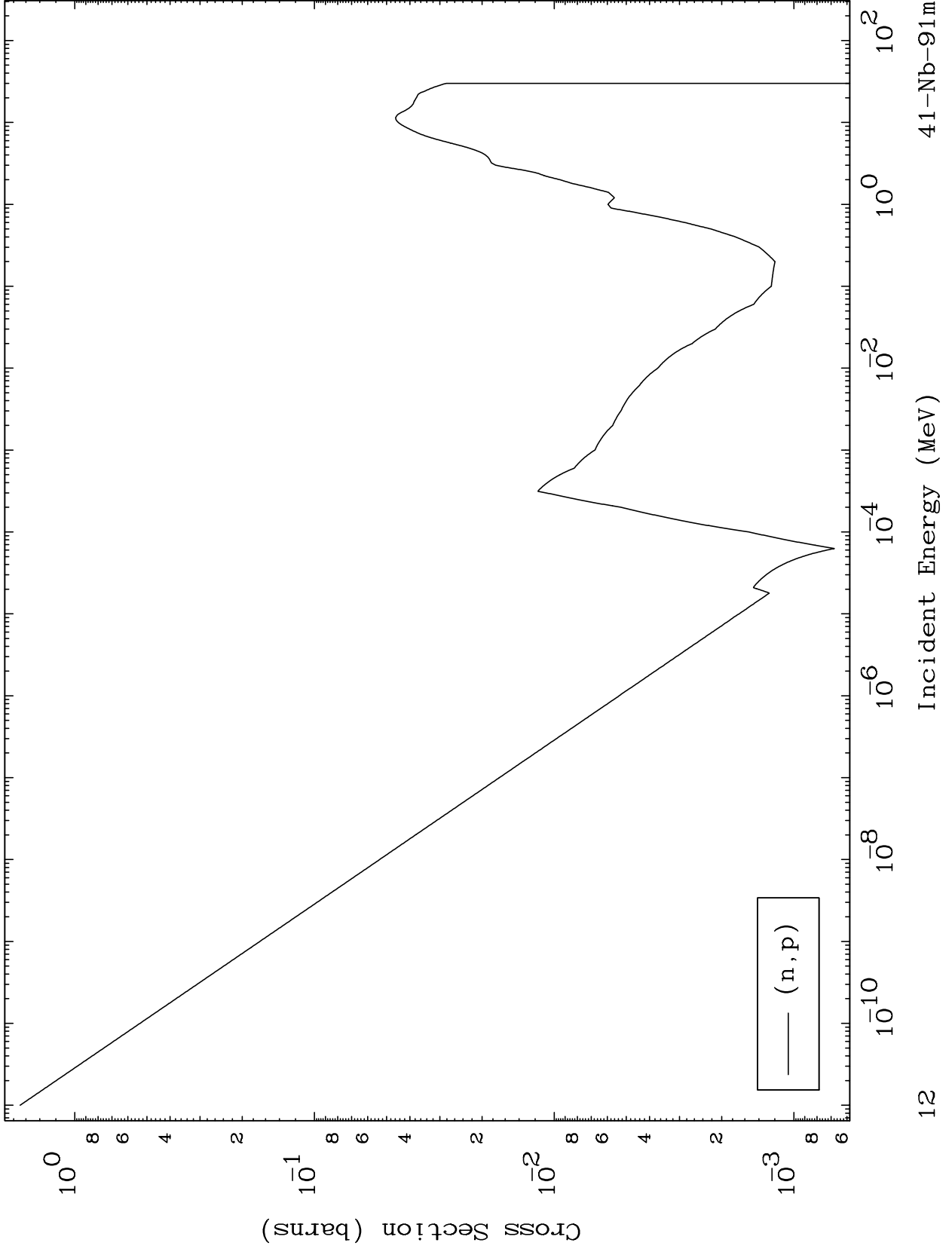
41-Nb-91m



MAT 4120

(n,p) Levels
293 Kelvin Cross Sections

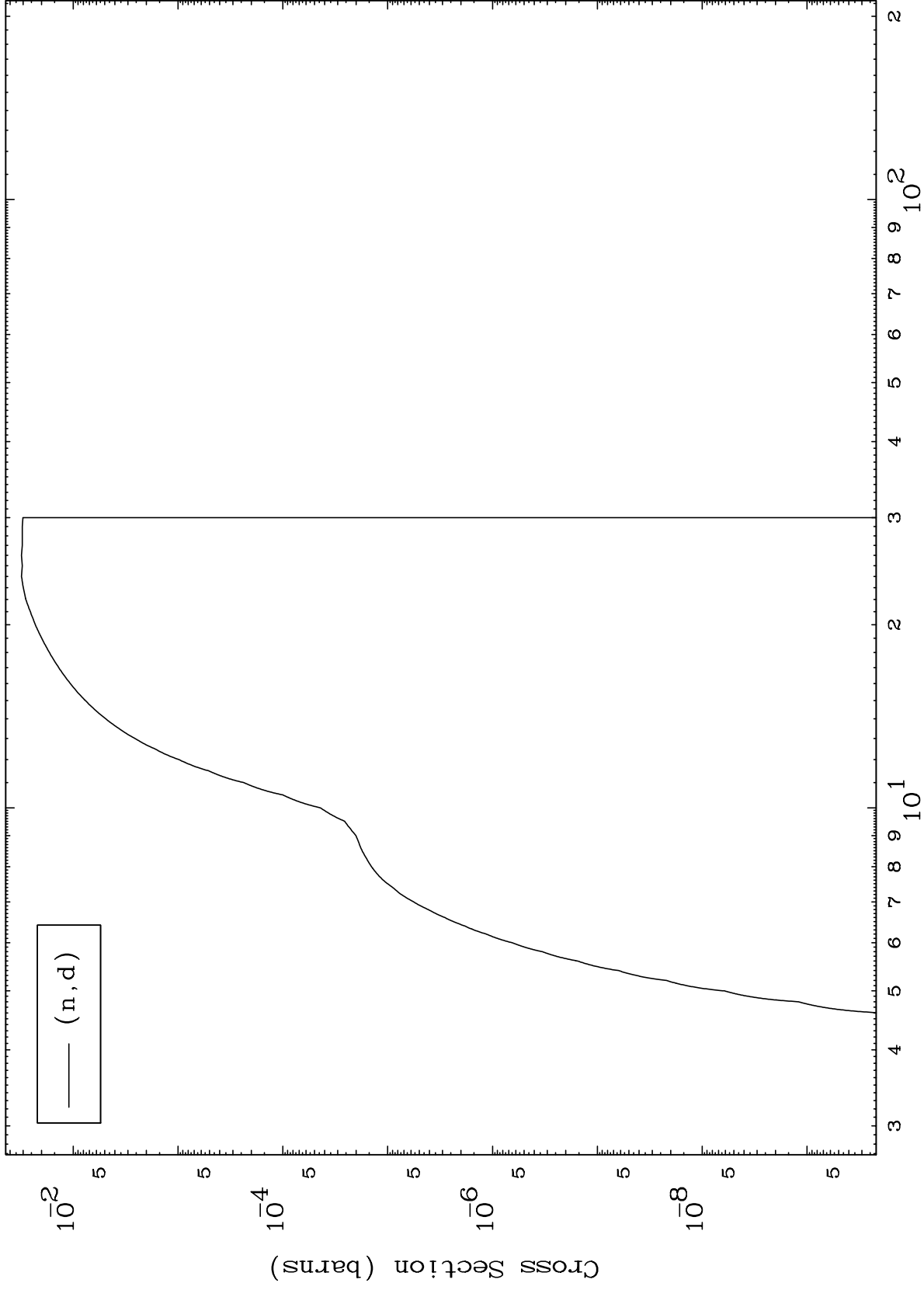
41-Nb-91m



MAT 4120

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-91m



13

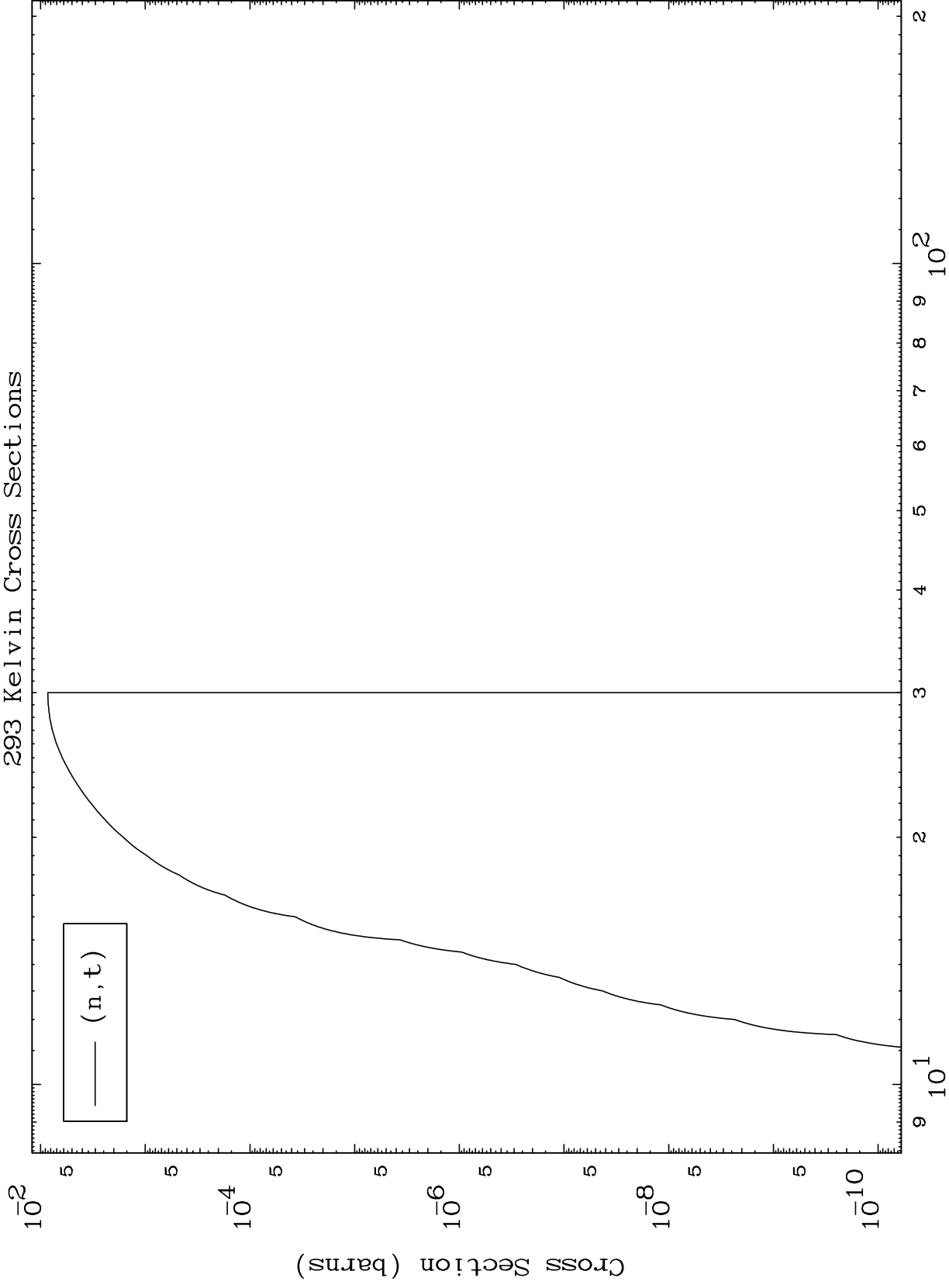
Incident Energy (MeV)

41-Nb-91m

MAT 4120

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-91m



14

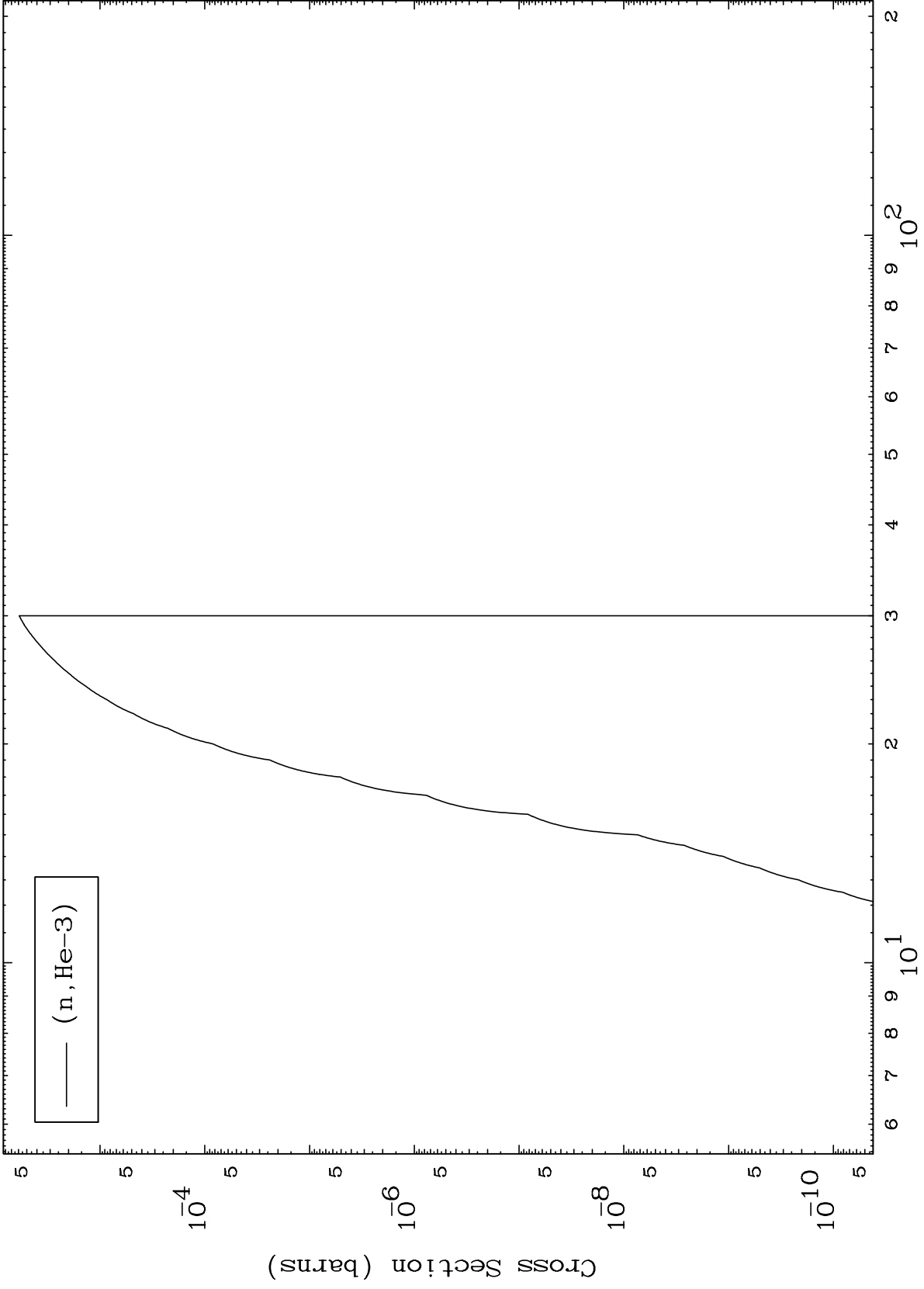
Incident Energy (MeV)

41-Nb-91m

MAT 4120

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-91m



15

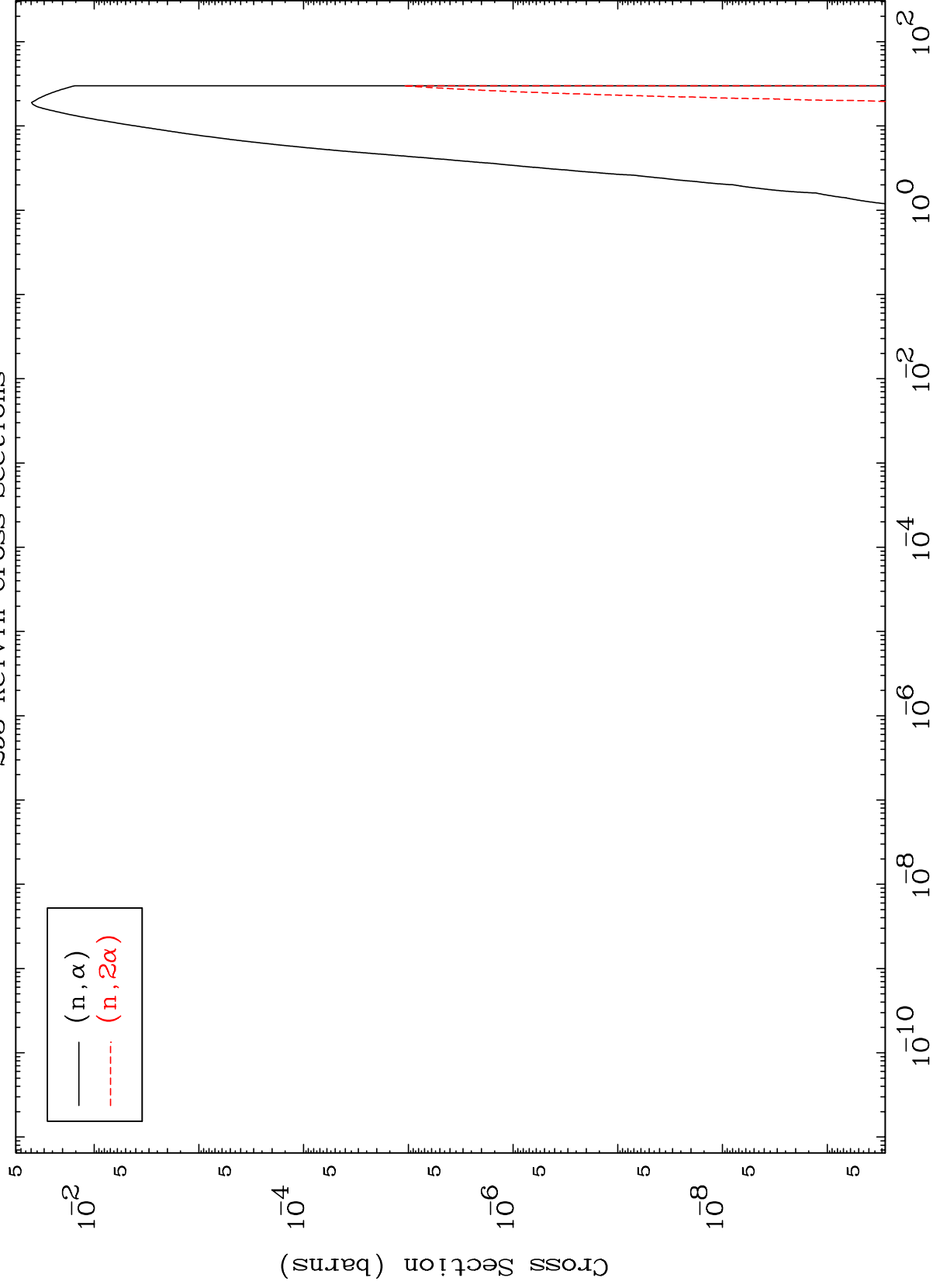
Incident Energy (MeV)

41-Nb-91m

MAT 4120

(n, α) Levels
293 Kelvin Cross Sections

41-Nb-91m



Incident Energy (MeV)

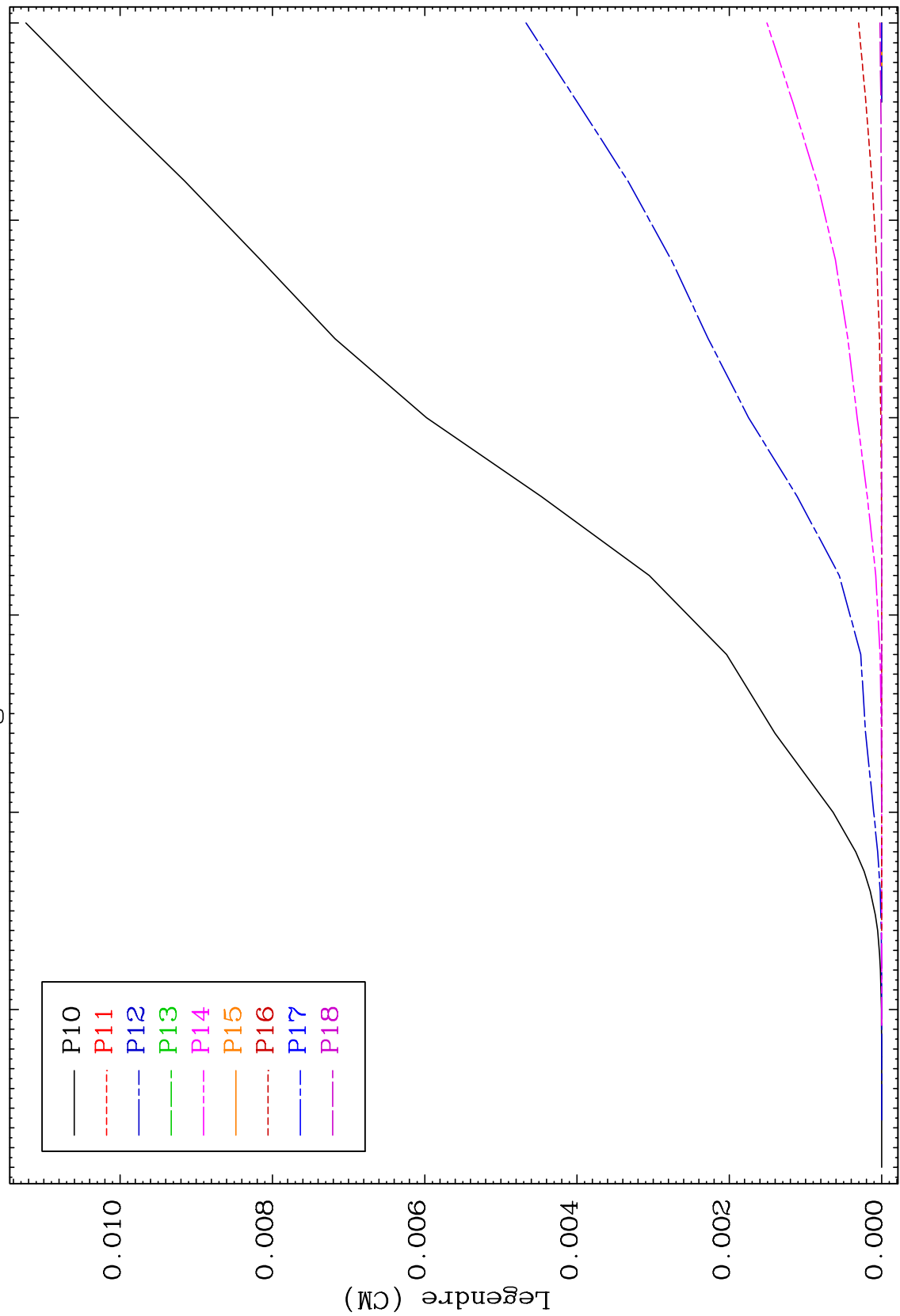
41-Nb-91m

16

MAT 4120

Elastic Legendre Coefficients

41-Nb-91m



18

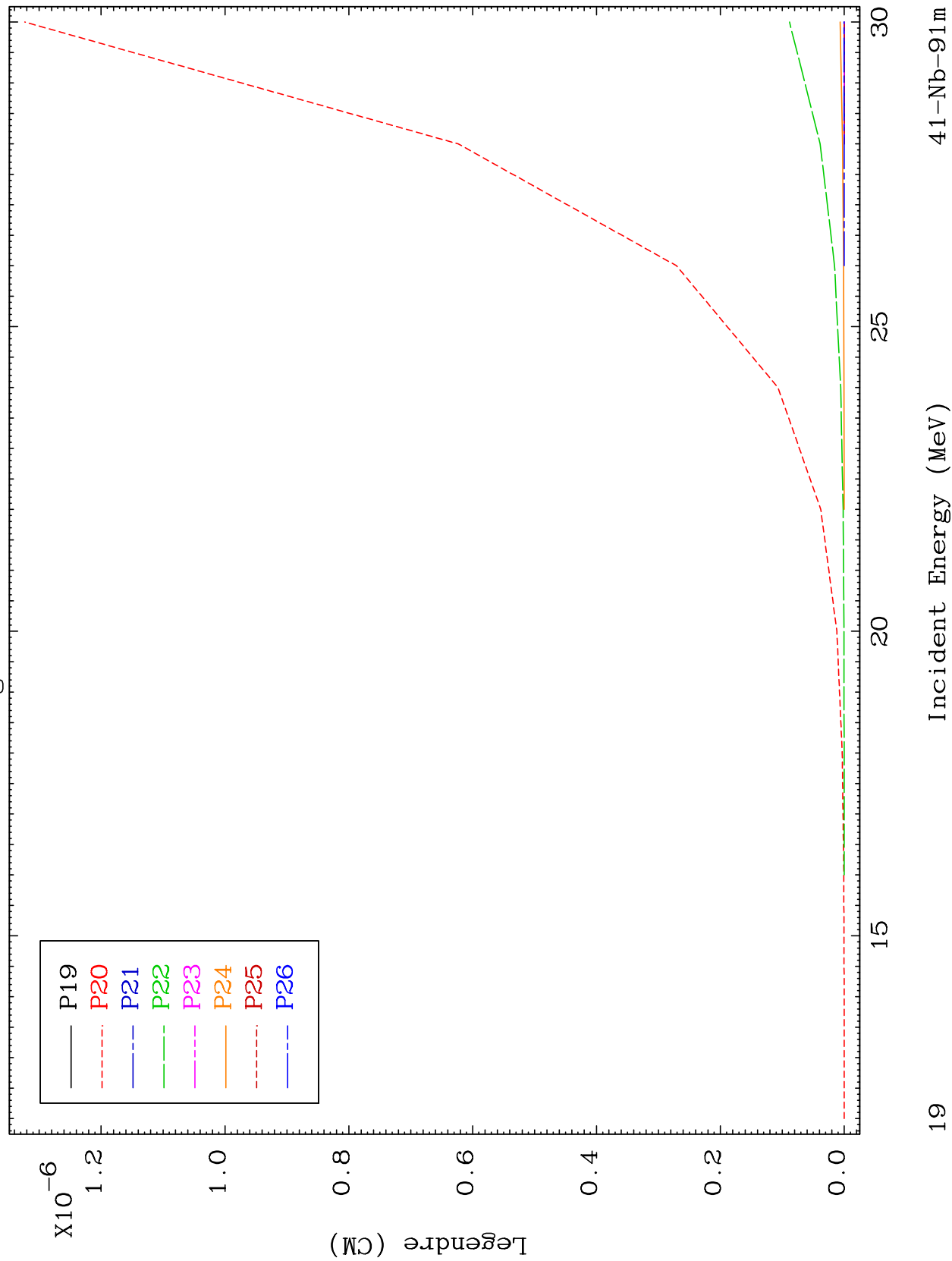
41-Nb-91m

Incident Energy (MeV)

MAT 4120

Elastic Legendre Coefficients

41-Nb-91m



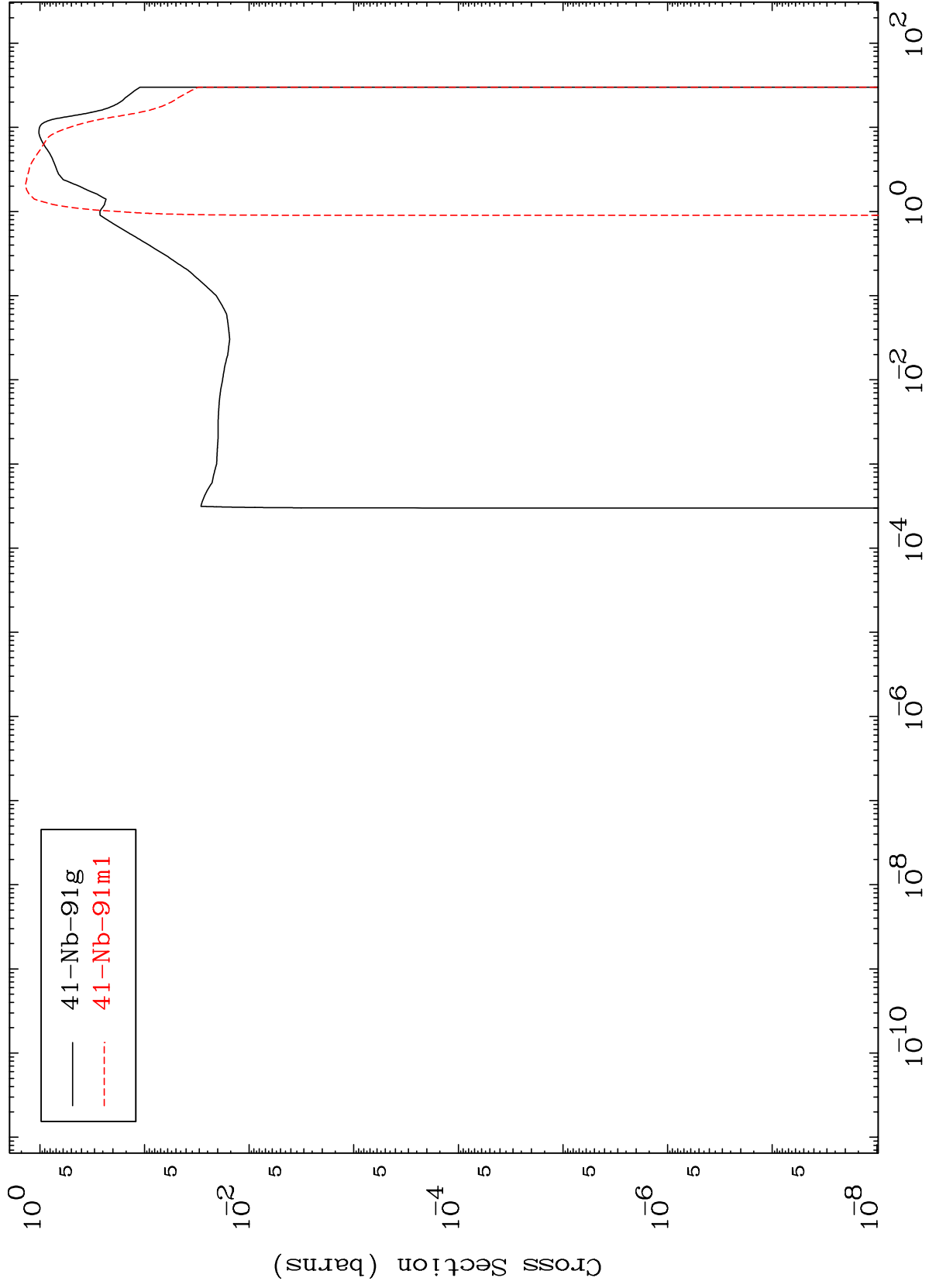
19

41-Nb-91m

MAT 4120

Inelastic
Radionuclide Production Cross Section

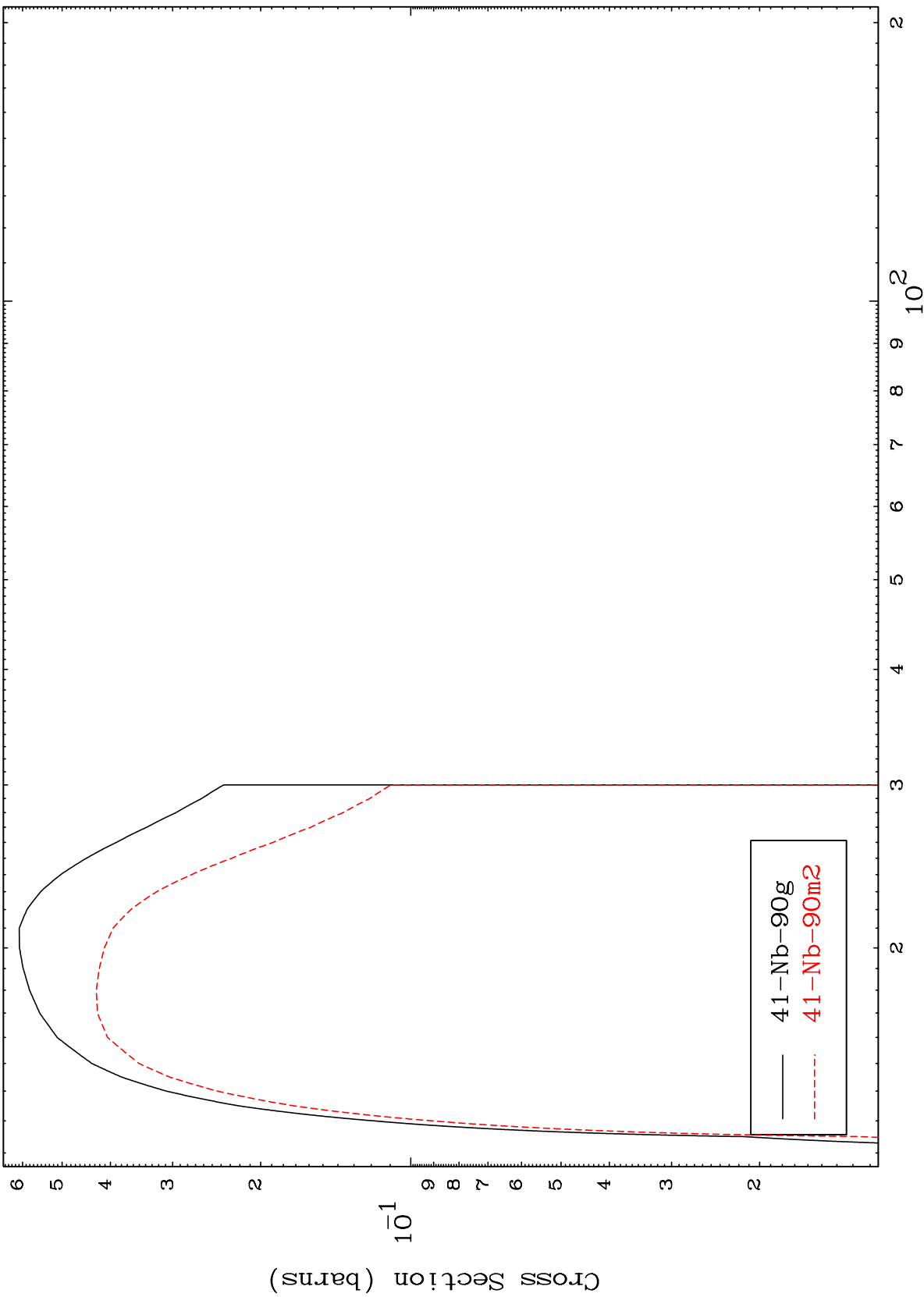
41-Nb-91m



MAT 4120

41-Nb-91m

(n,2n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

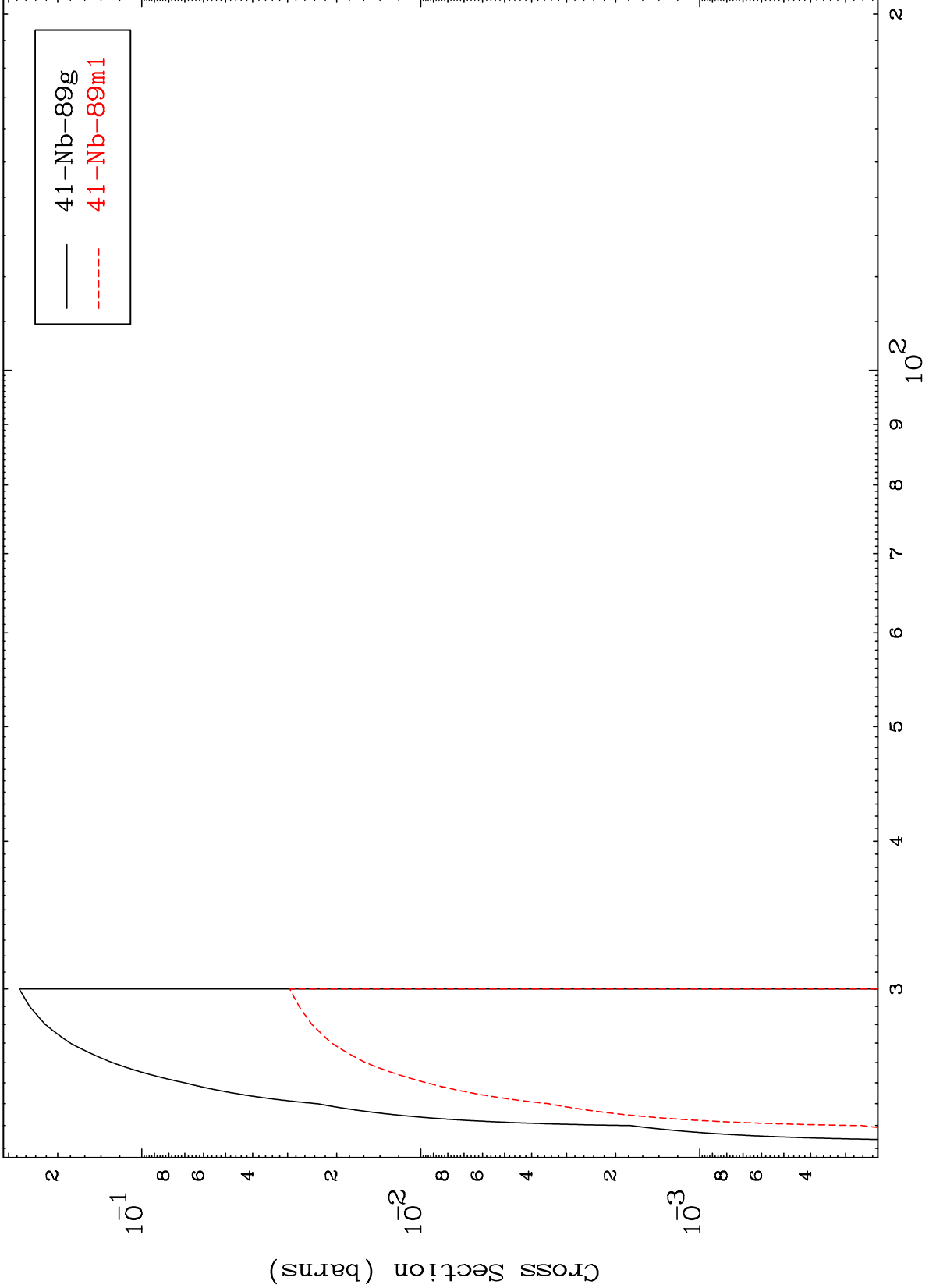
41-Nb-91m

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(n,3n)

41-Nb-91m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

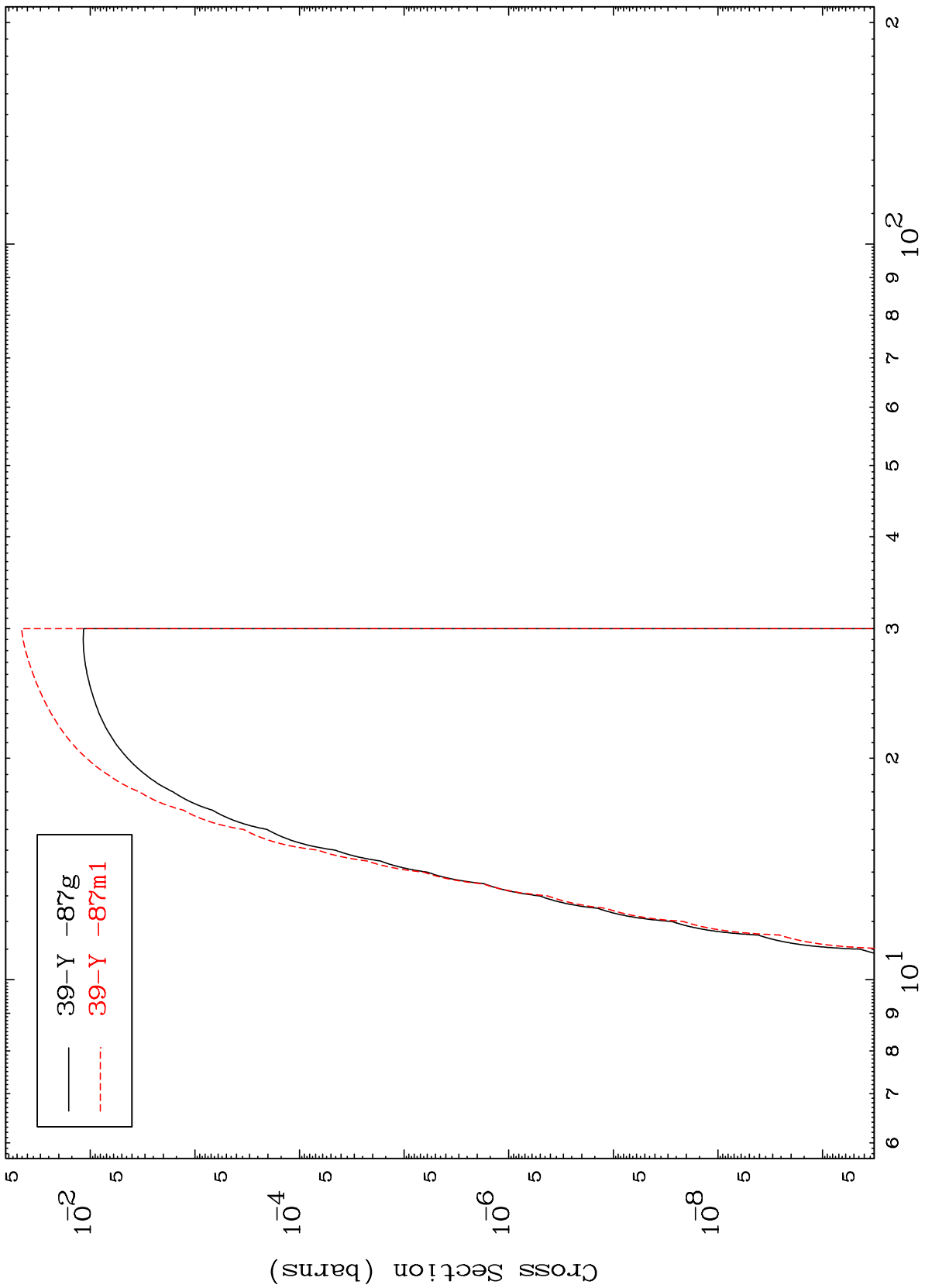
41-Nb-91m

MAT 4120

41-Nb-91m

(n,n') α

Radionuclide Production Cross Section



23

Incident Energy (MeV)

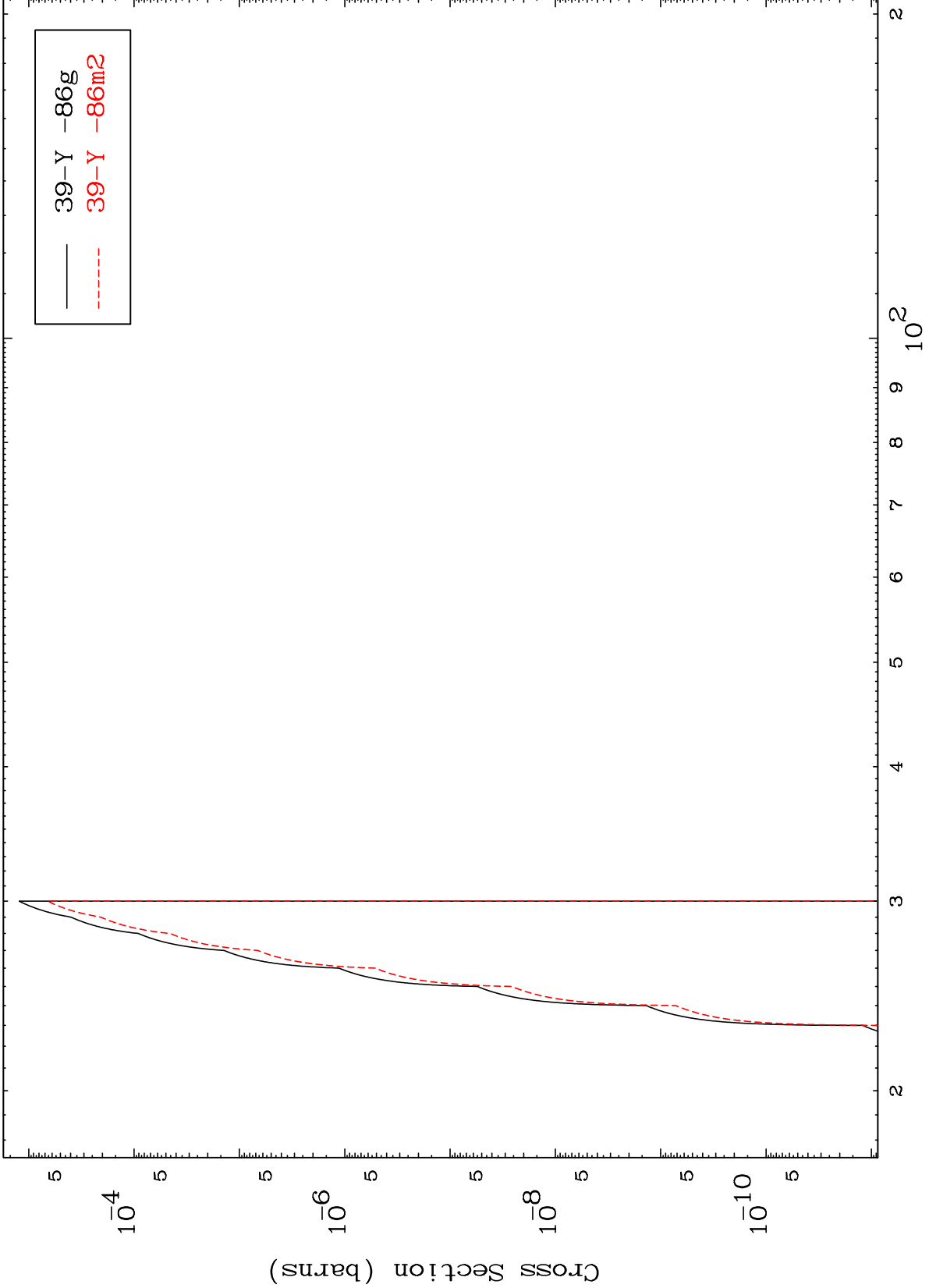
41-Nb-91m

MAT 4120

(n,2n) α

41-Nb-91m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

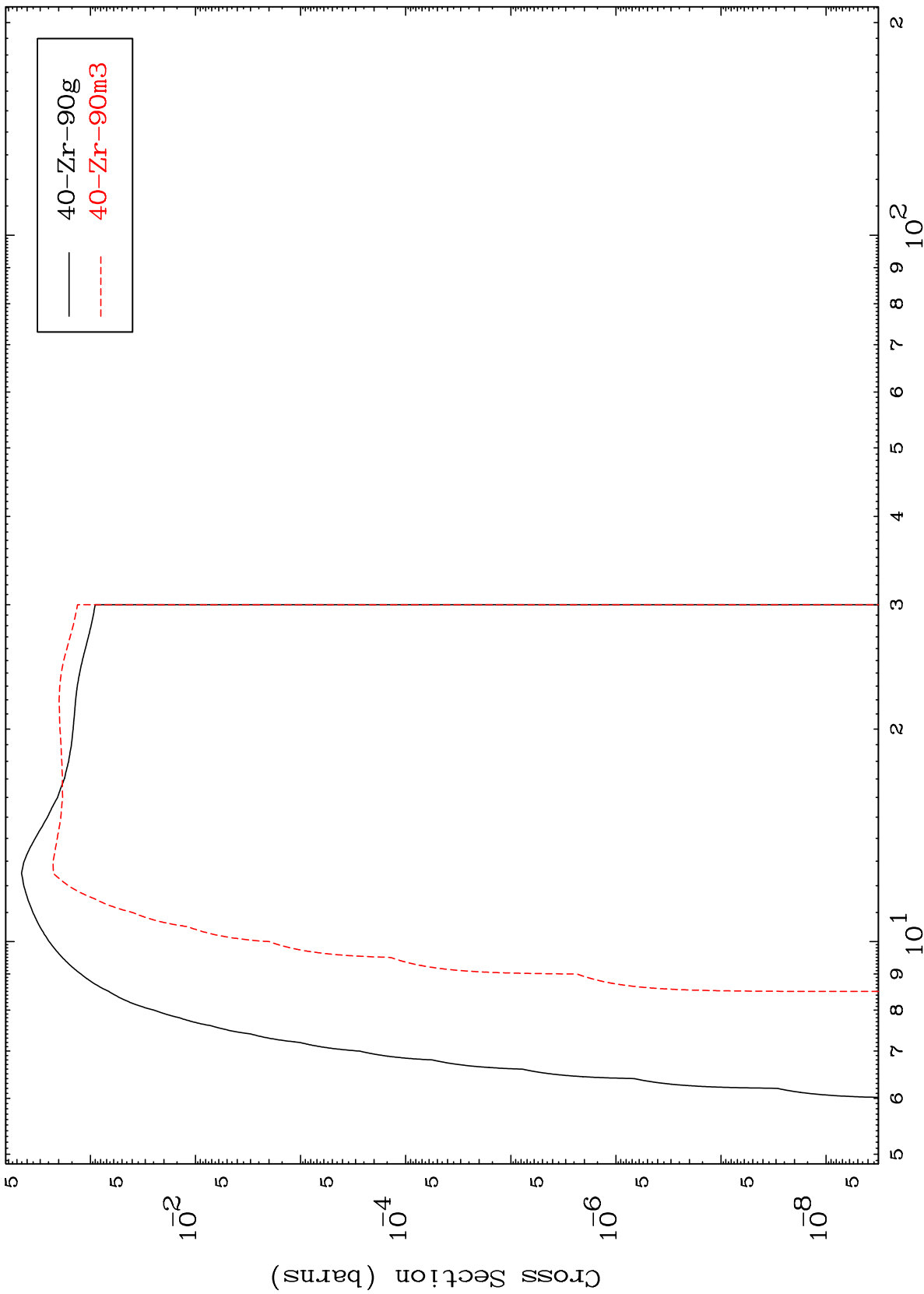
41-Nb-91m

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(n,n') p

41-Nb-91m

Radionuclide Production Cross Section



25

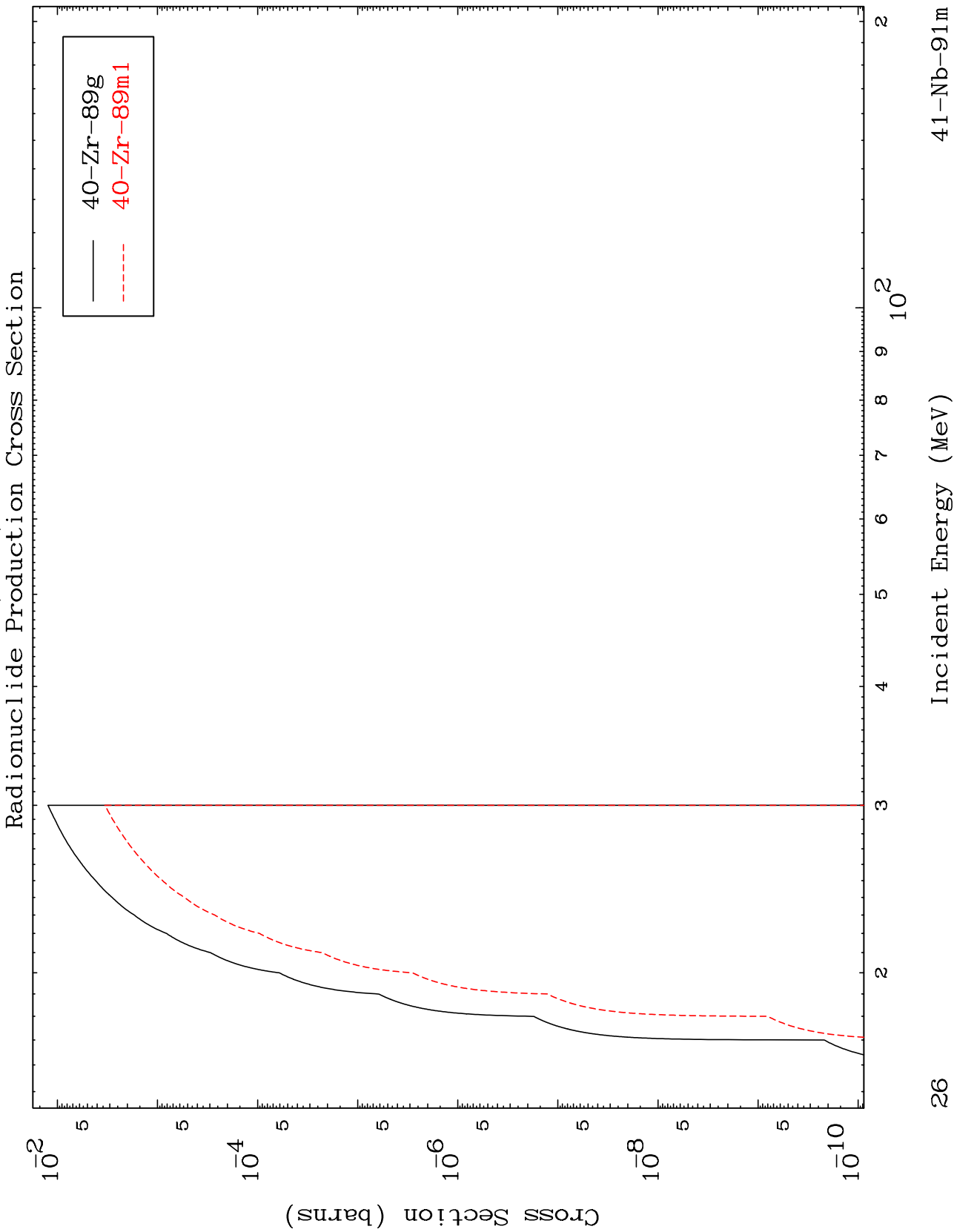
Incident Energy (MeV)

41-Nb-91m

MAT 4120

(n,n') d

41-Nb-91m



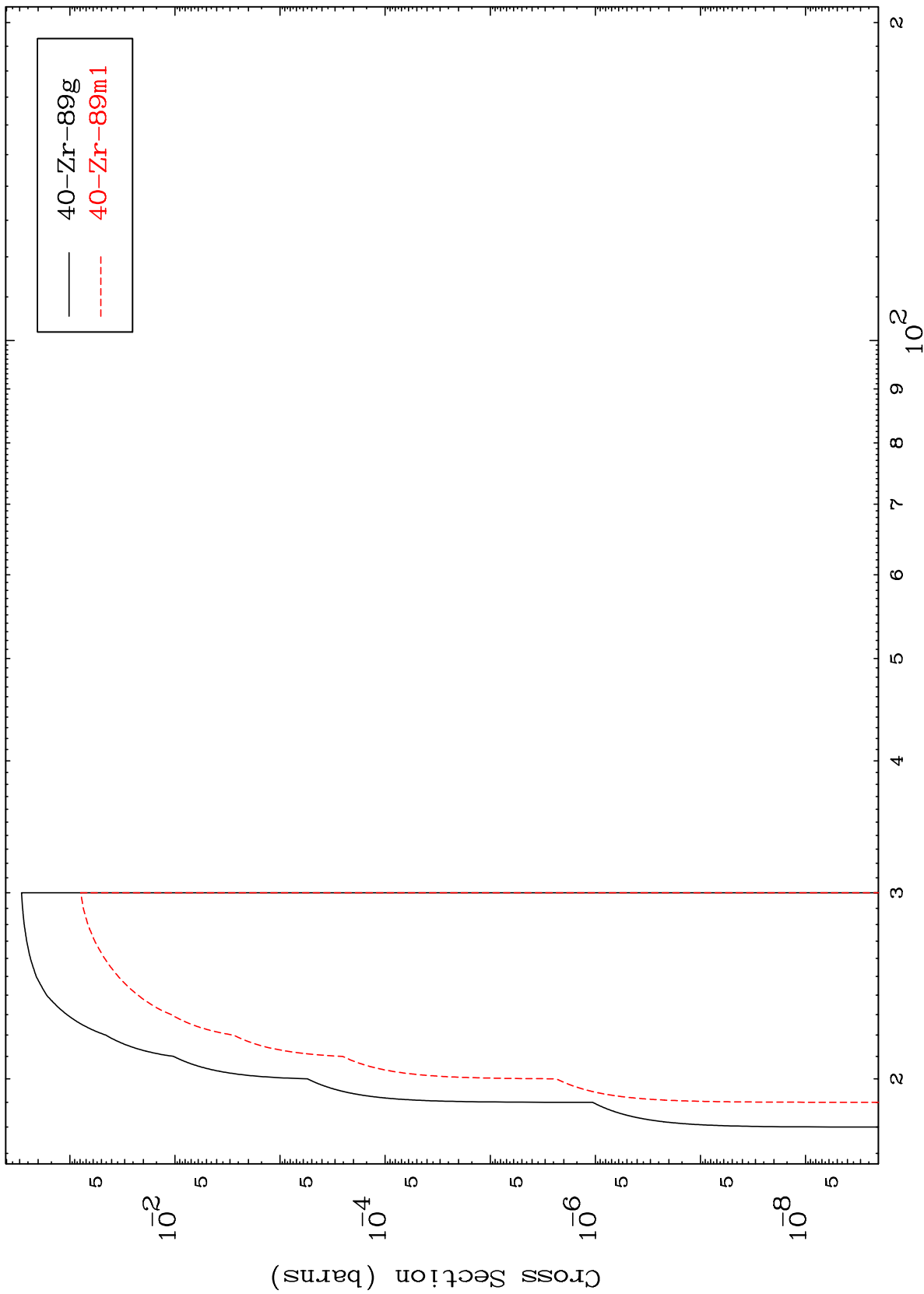
26

MAT 4120

(n,2n) p

41-Nb-91m

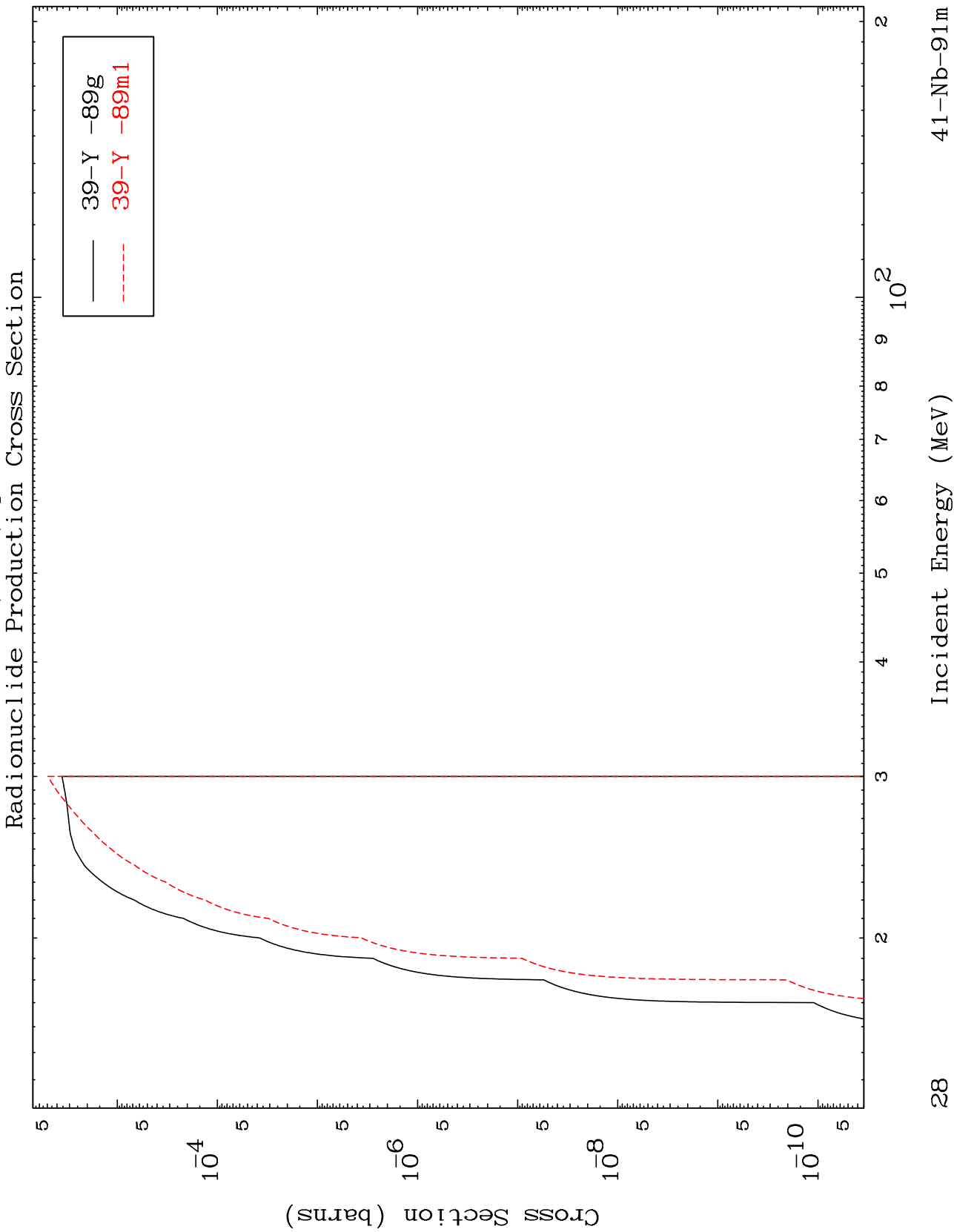
Radionuclide Production Cross Section



27

Incident Energy (MeV)

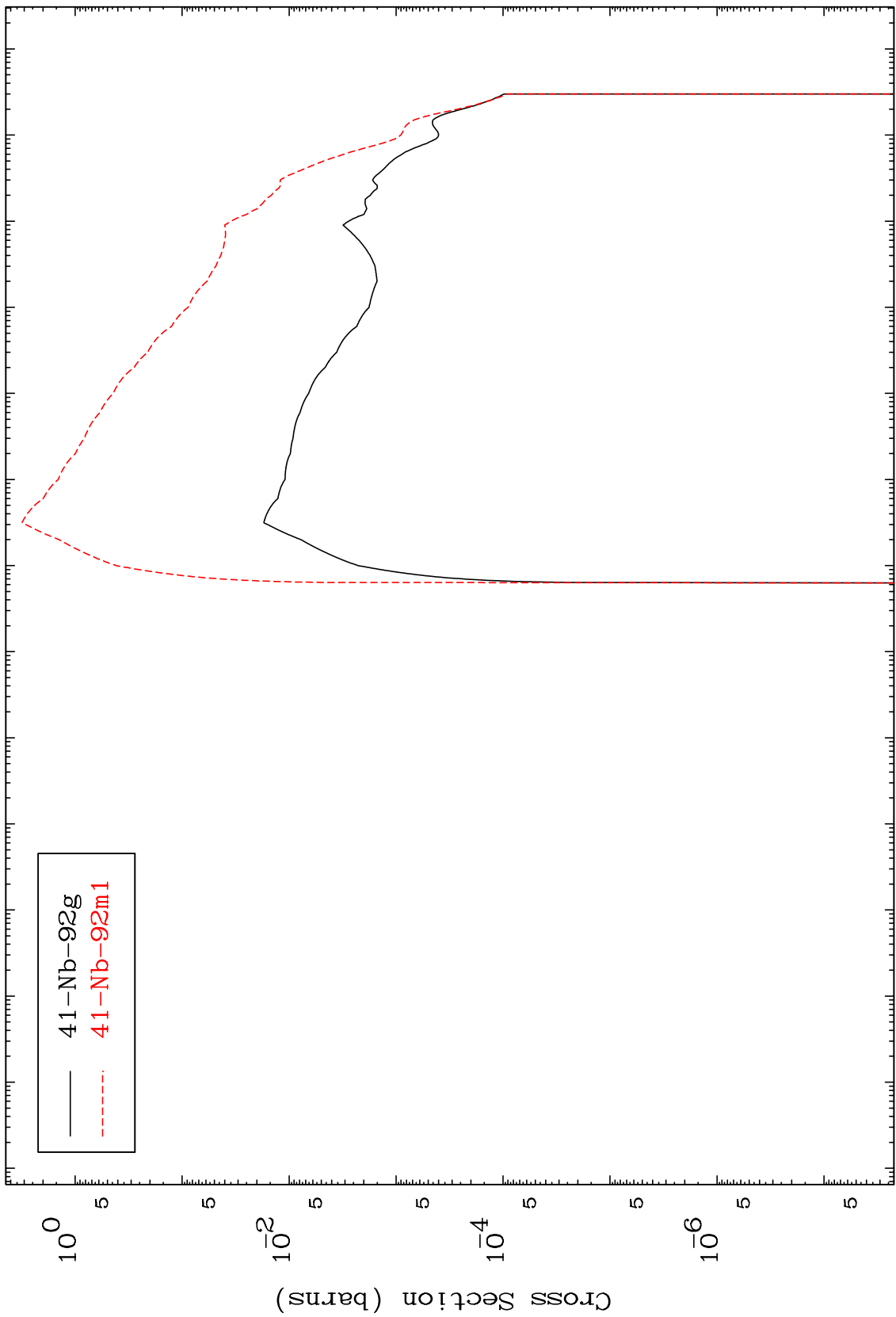
41-Nb-91m



MAT 4120

41-Nb-91m

Radionuclide Production Cross Section



41-Nb-91m

10^0

10^{-4}

10^{-6}

10^{-8}

10^{-10}

10^2

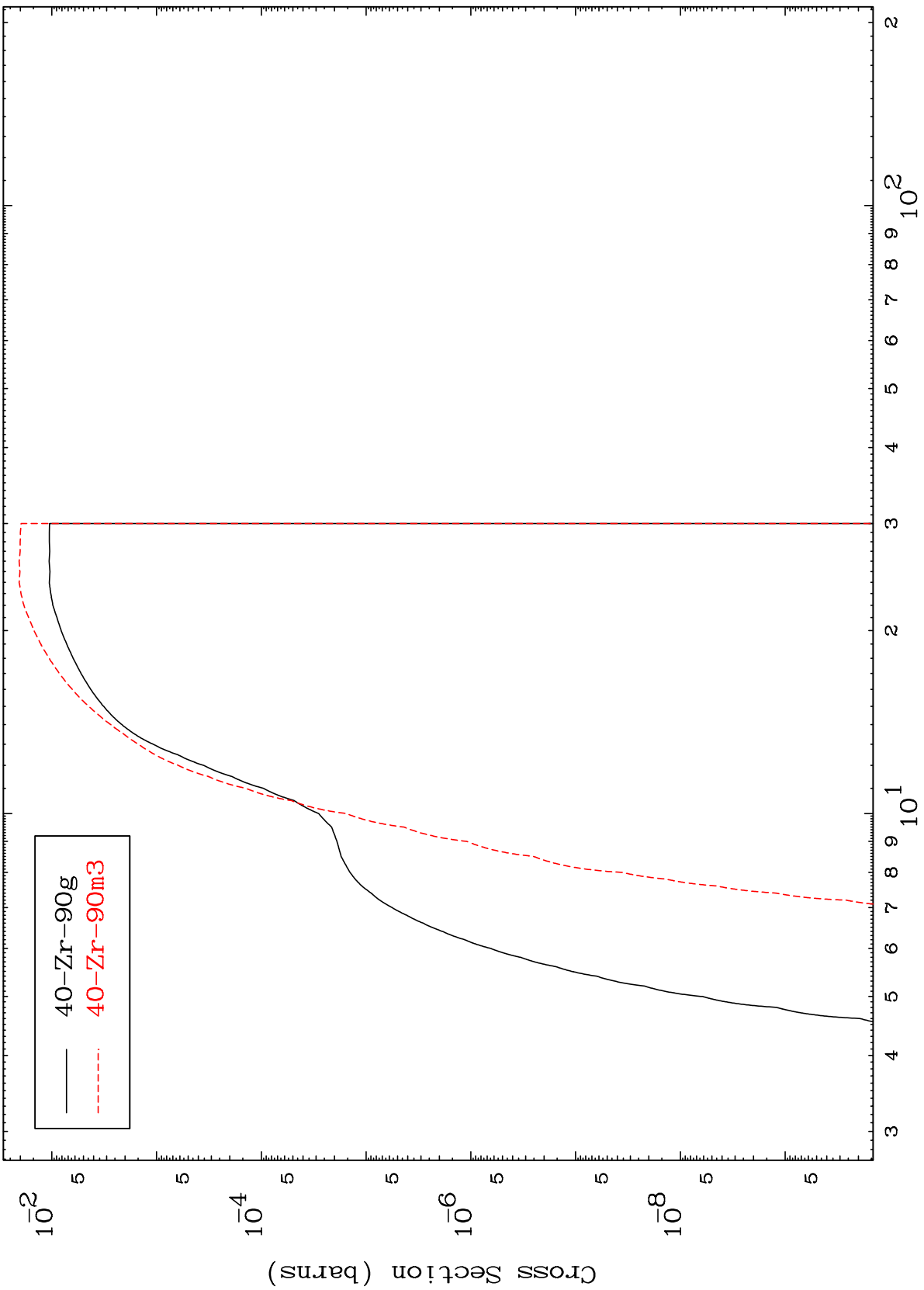
Incident Energy (MeV)

41-Nb-91m

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41-Nb-91m

(n,d)
Radionuclide Production Cross Section



30

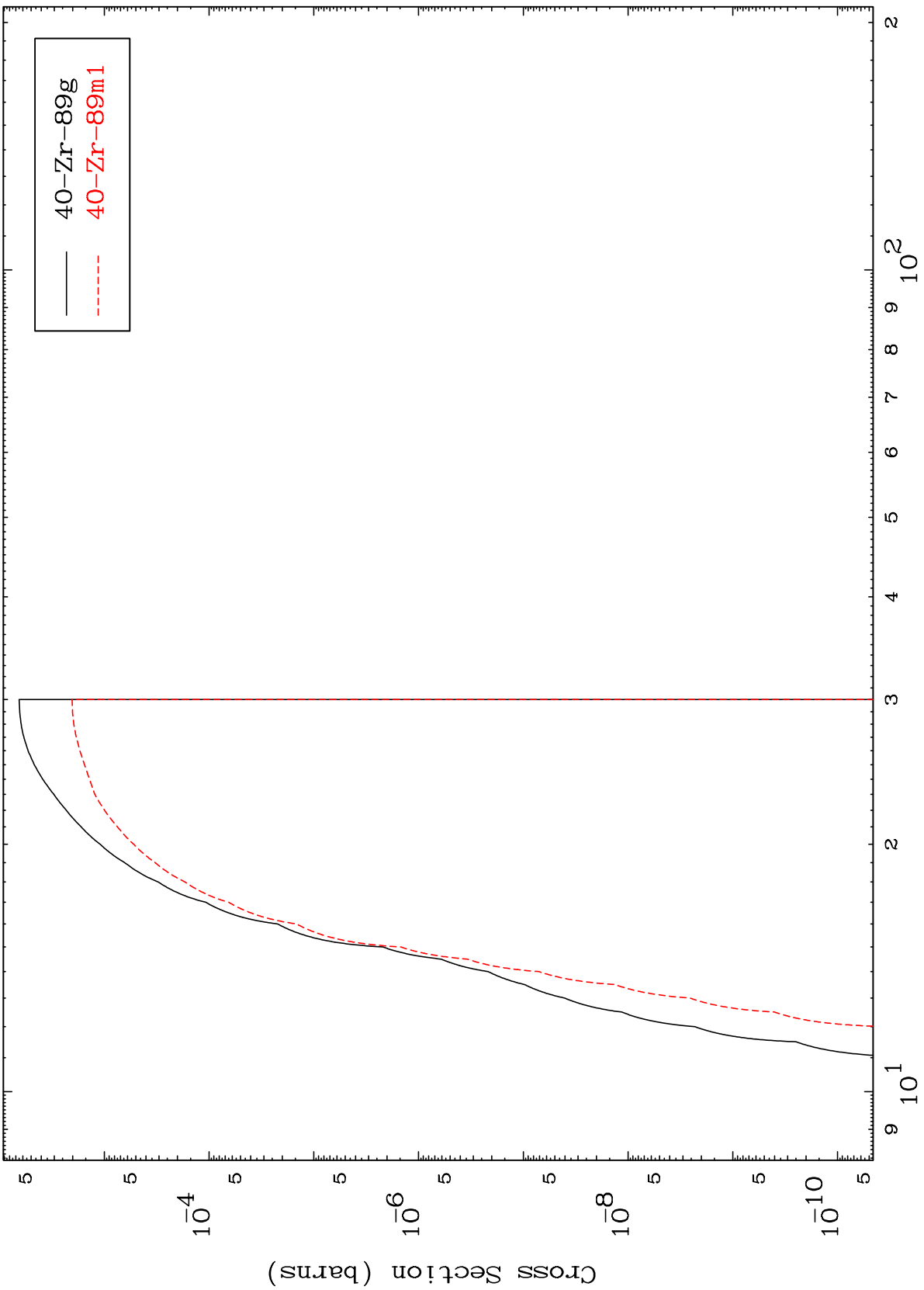
Incident Energy (MeV)

41-Nb-91m

MAT 4120

41-Nb-91m

(n,t)
Radionuclide Production Cross Section



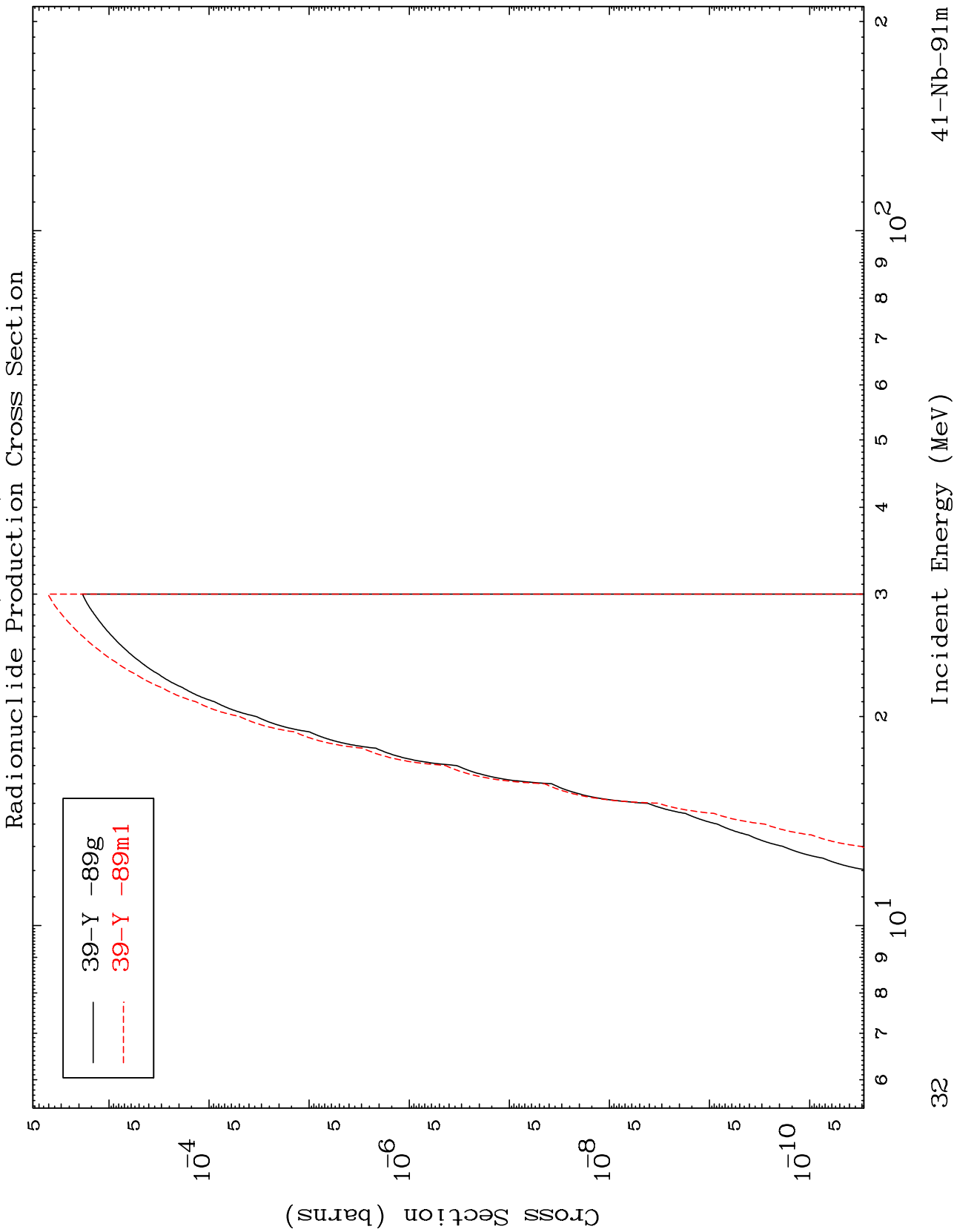
31

Incident Energy (MeV)

41-Nb-91m

MAT 4120

41-Nb-91m



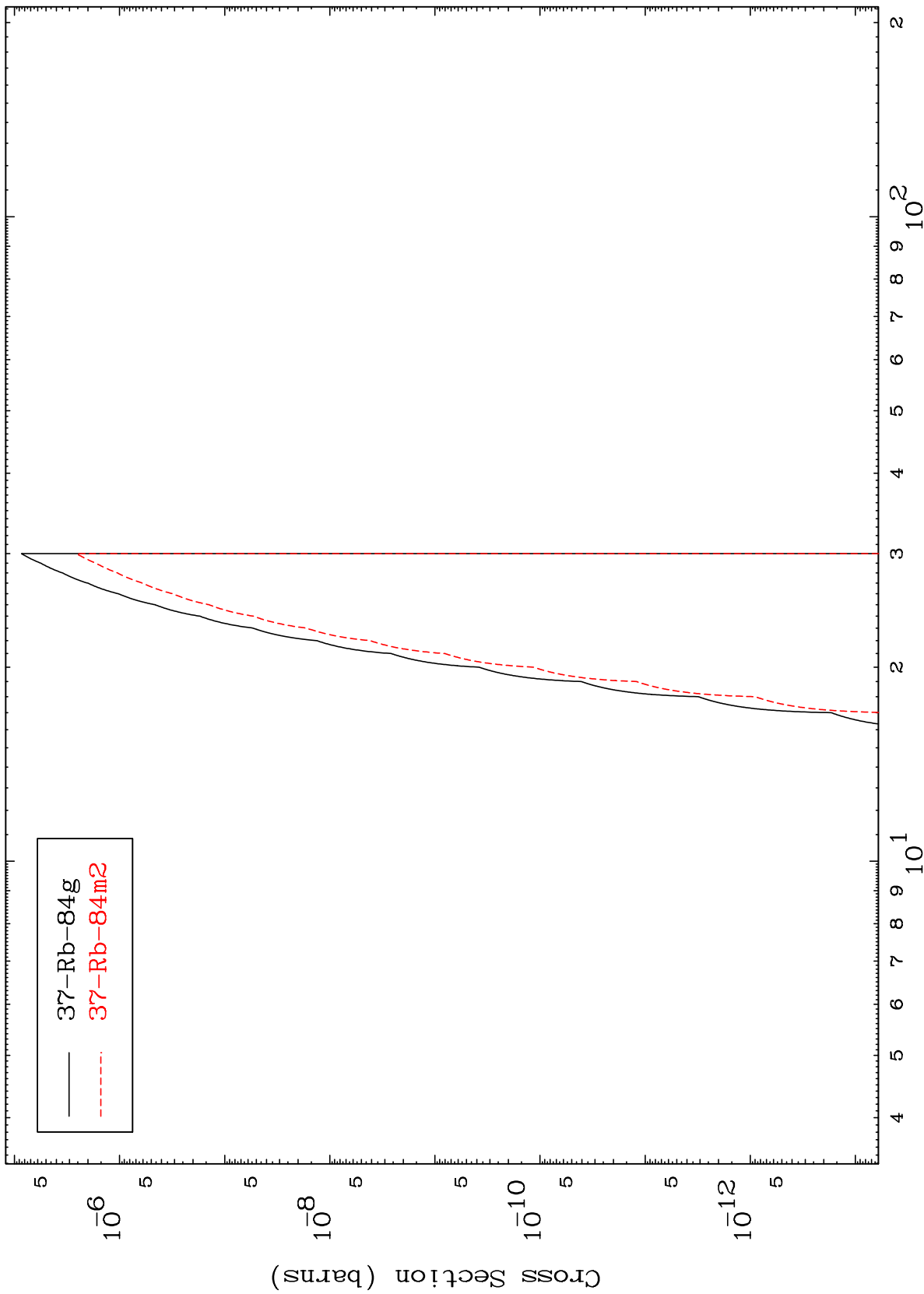
32

41-Nb-91m

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41-Nb-91m

Radionuclide Production Cross Section
(n,2α)



33

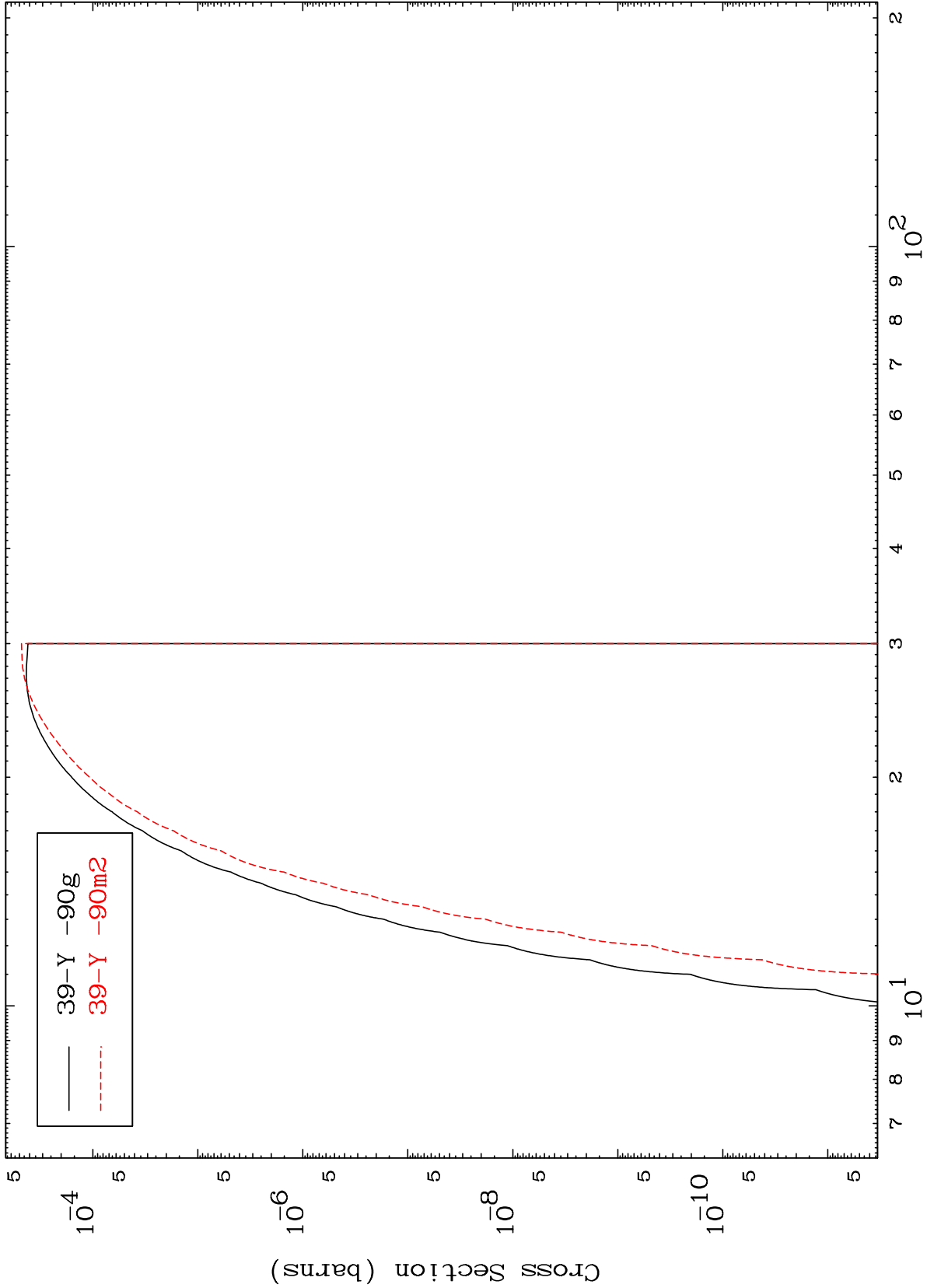
41-Nb-91m

Incident Energy (MeV)

MAT 4120

41-Nb-91m

(n,2p)
Radionuclide Production Cross Section



— 39-Y -90g
- - - 39-Y -90m2

41-Nb-91m

Incident Energy (MeV)

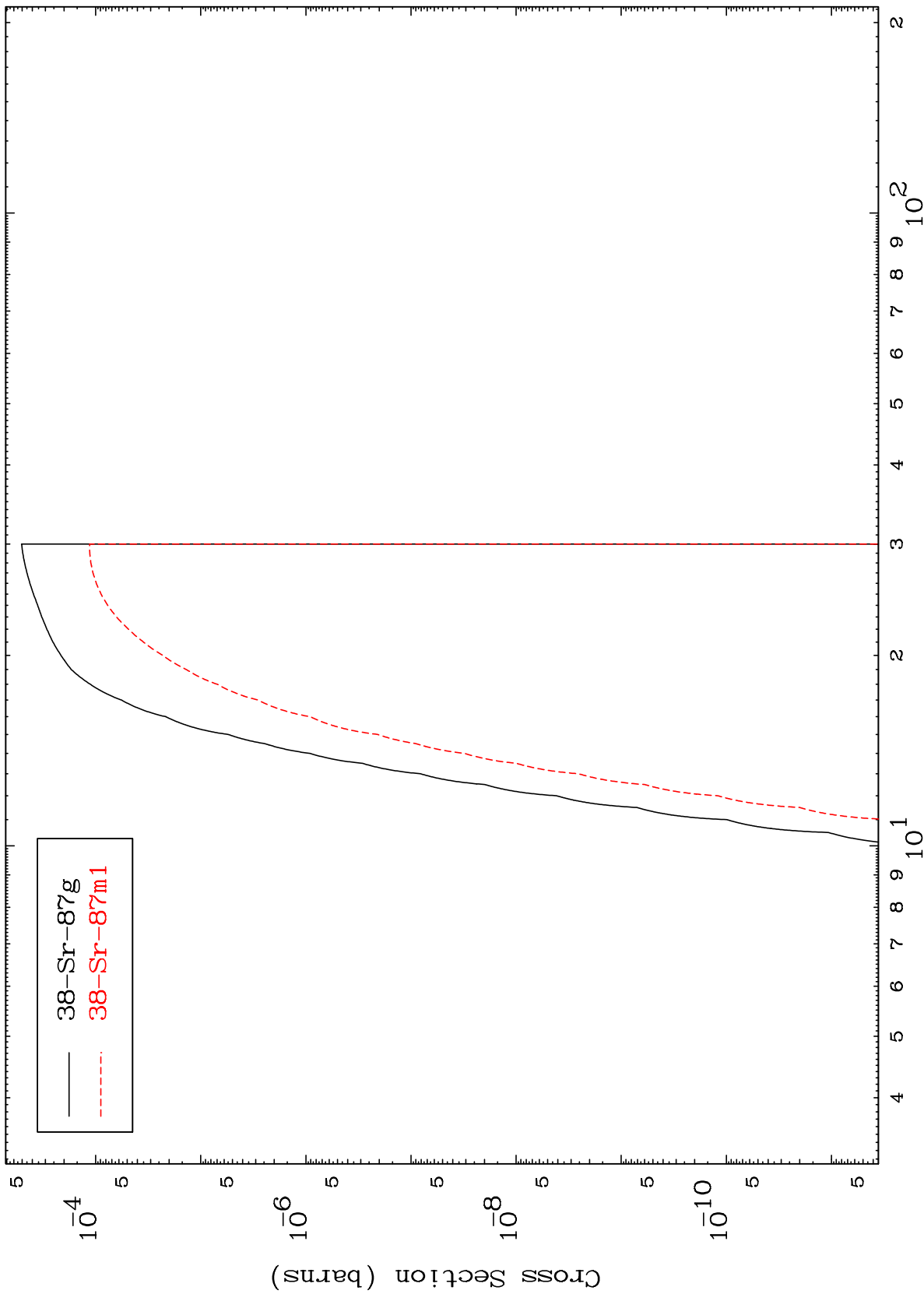
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MAT 4120

(n,p) α

41-Nb-91m

Radionuclide Production Cross Section



Incident Energy (MeV)

41-Nb-91m

35

