

Program EVALPLOT
(Version 2021-1)

by

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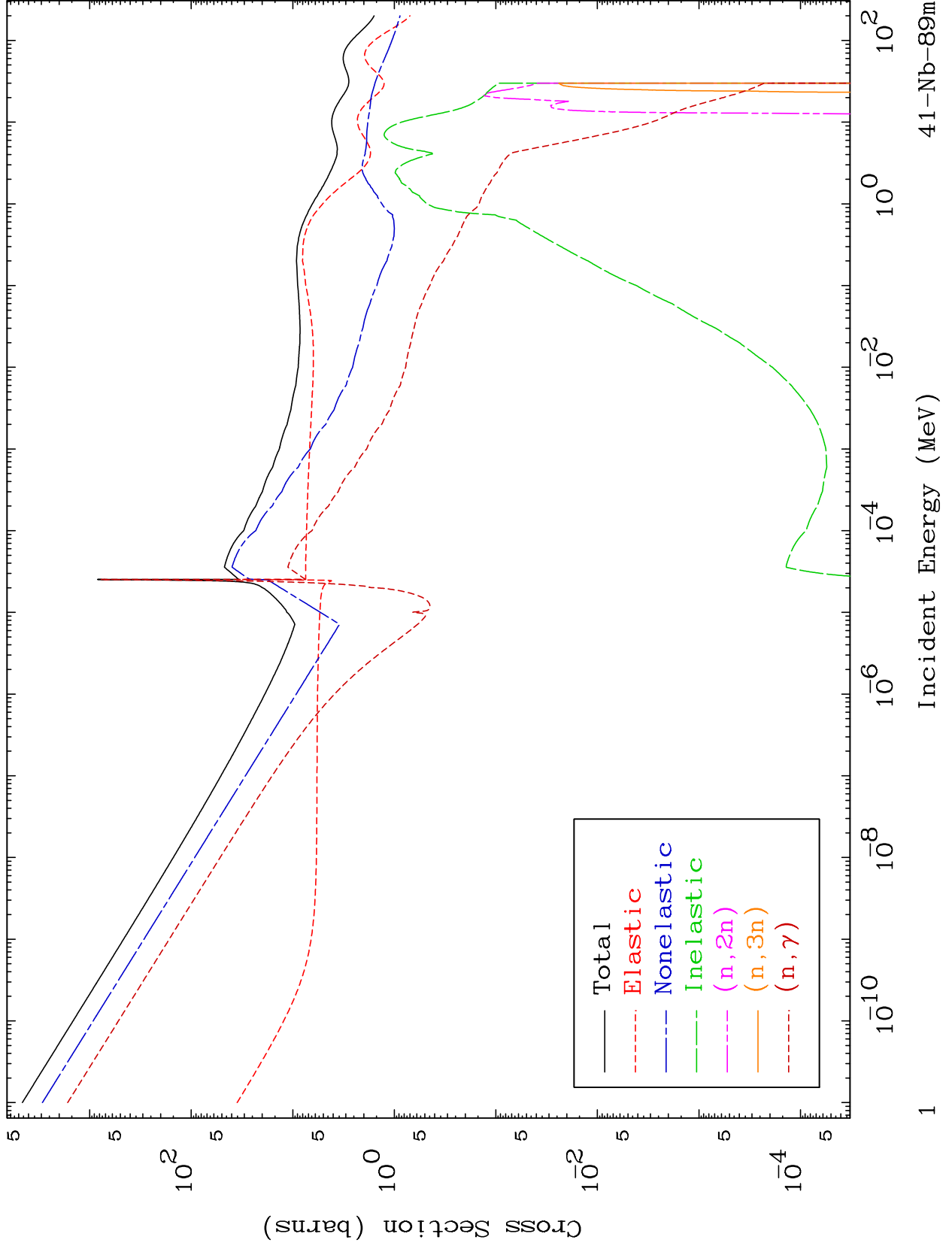
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Press Mouse Button to Start

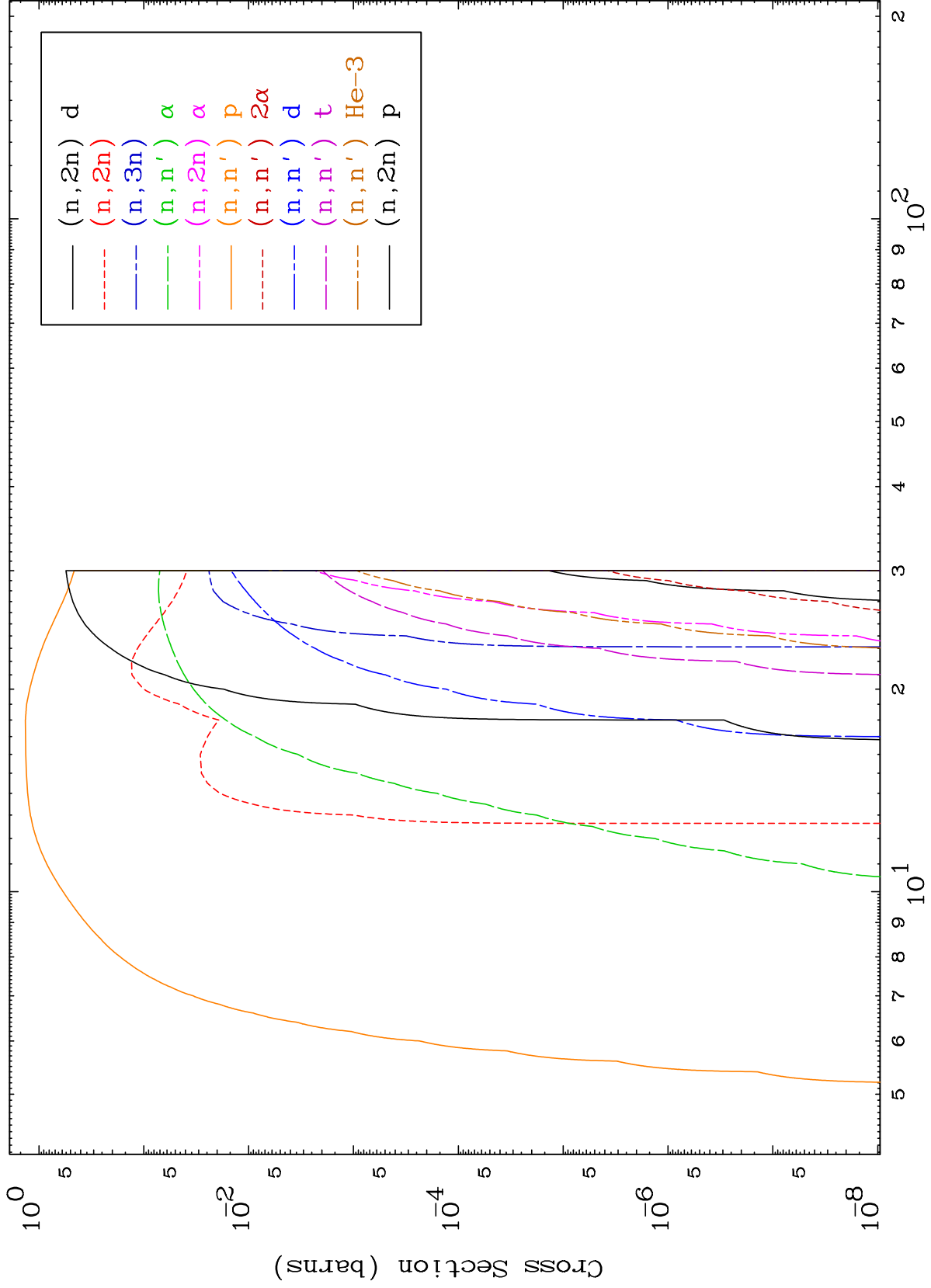
MAT 4114

Neutron Major
293 Kelvin Cross Sections

41-Nb-89m



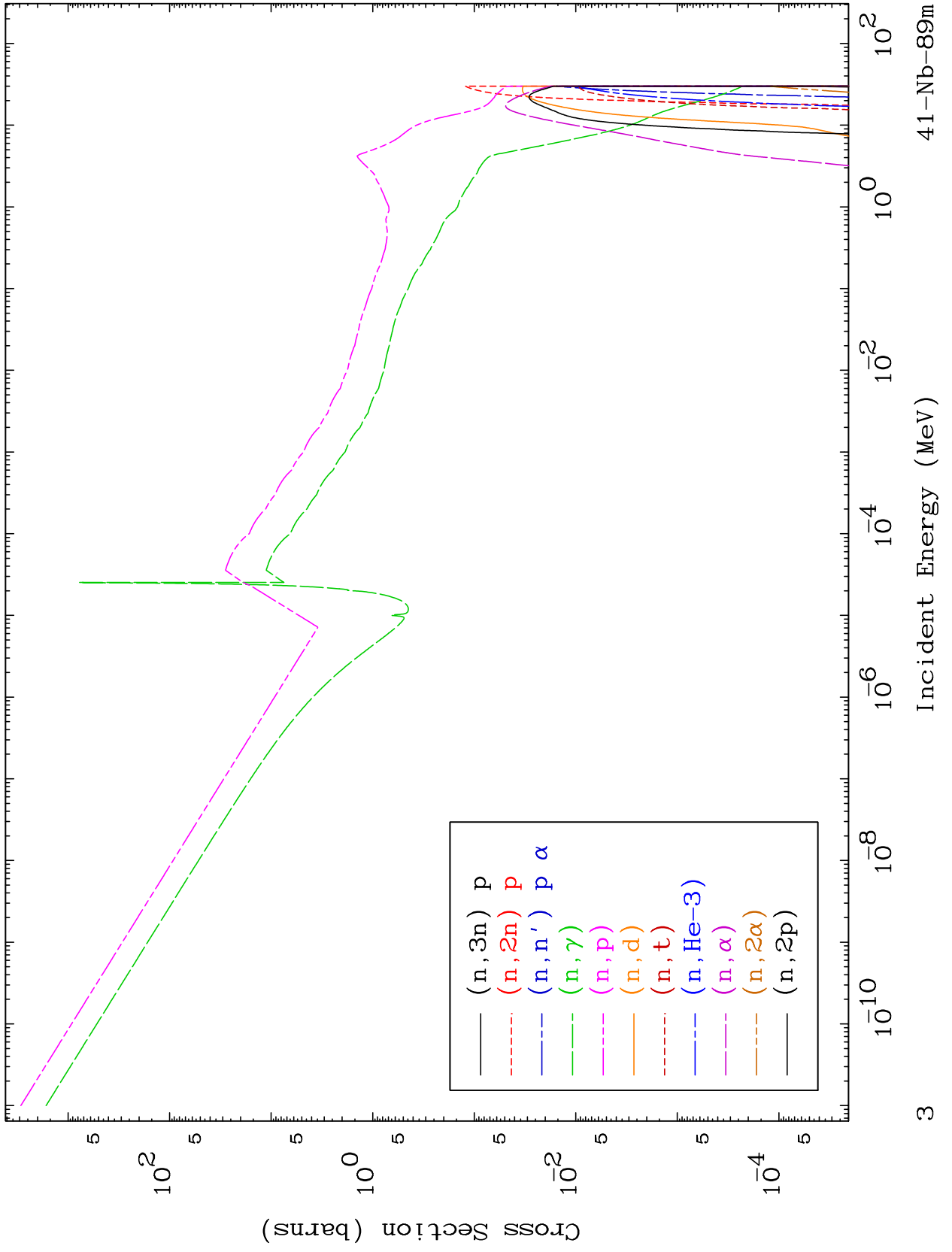
Neutron Absorption
293 Kelvin Cross Sections



MAT 4114

Neutron Absorption
293 Kelvin Cross Sections

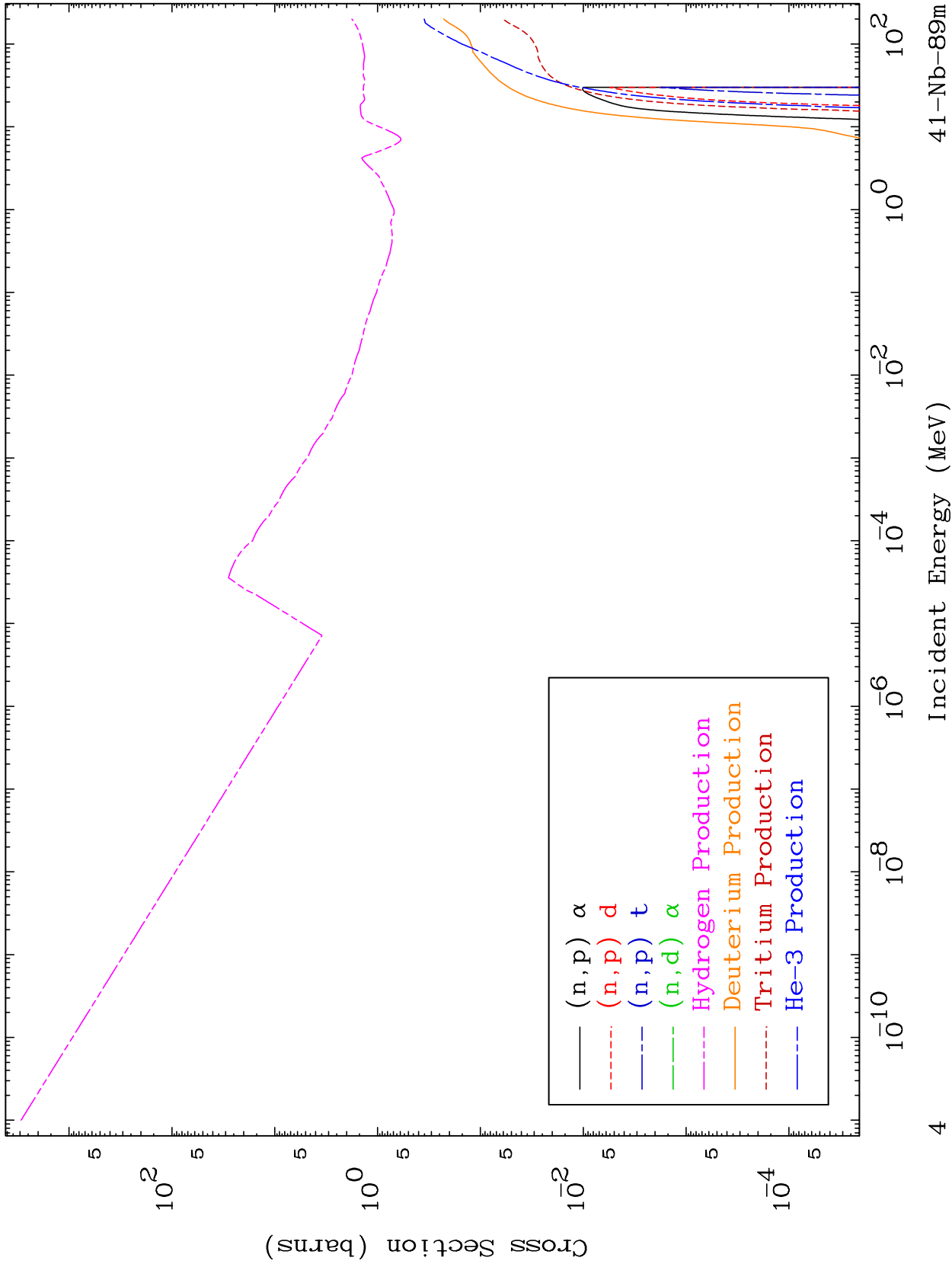
41-Nb-89m



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Neutron Absorption
293 Kelvin Cross Sections

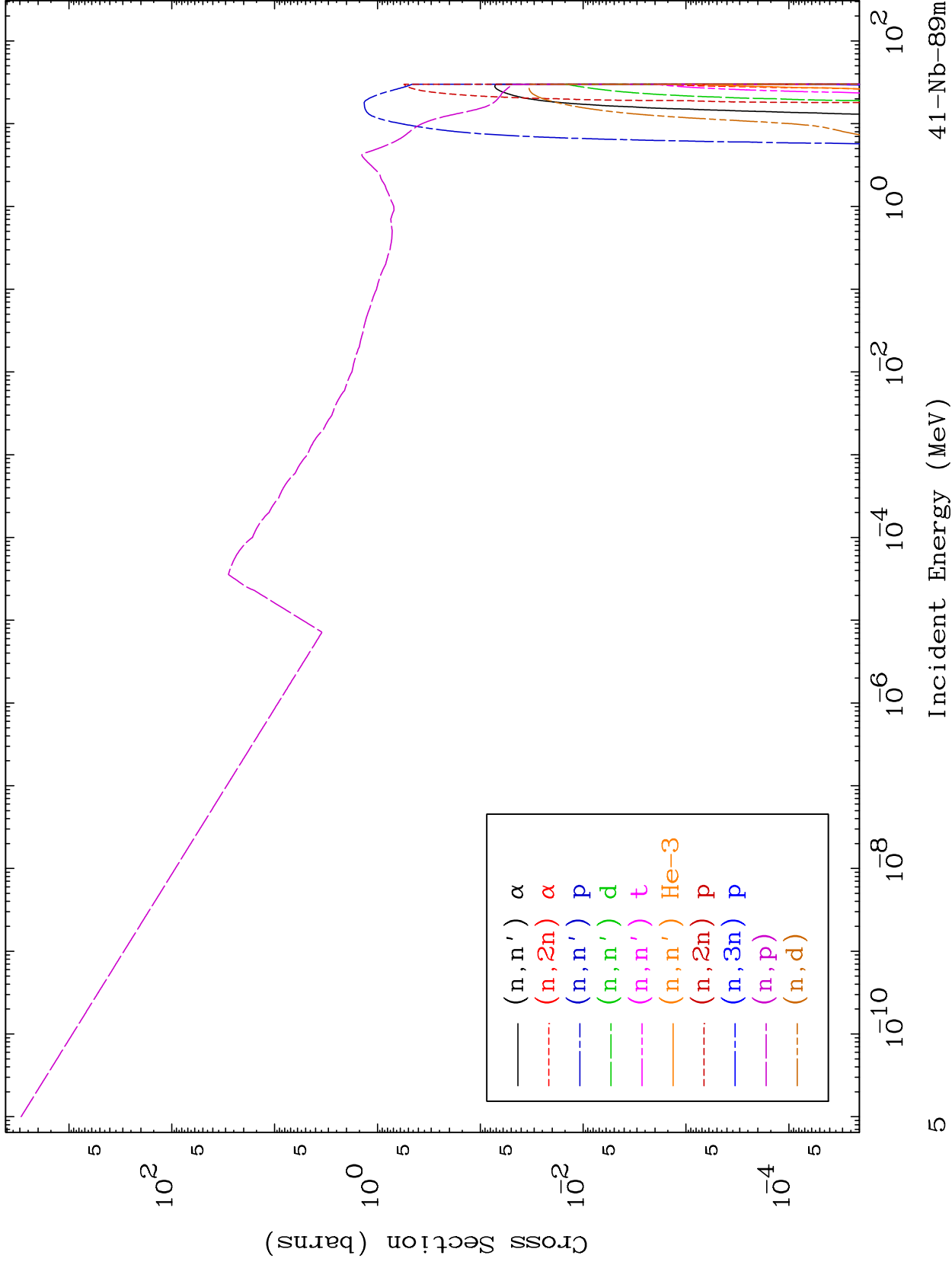
41-Nb-89m



MAT 4114

Charged Particle
293 Kelvin Cross Sections

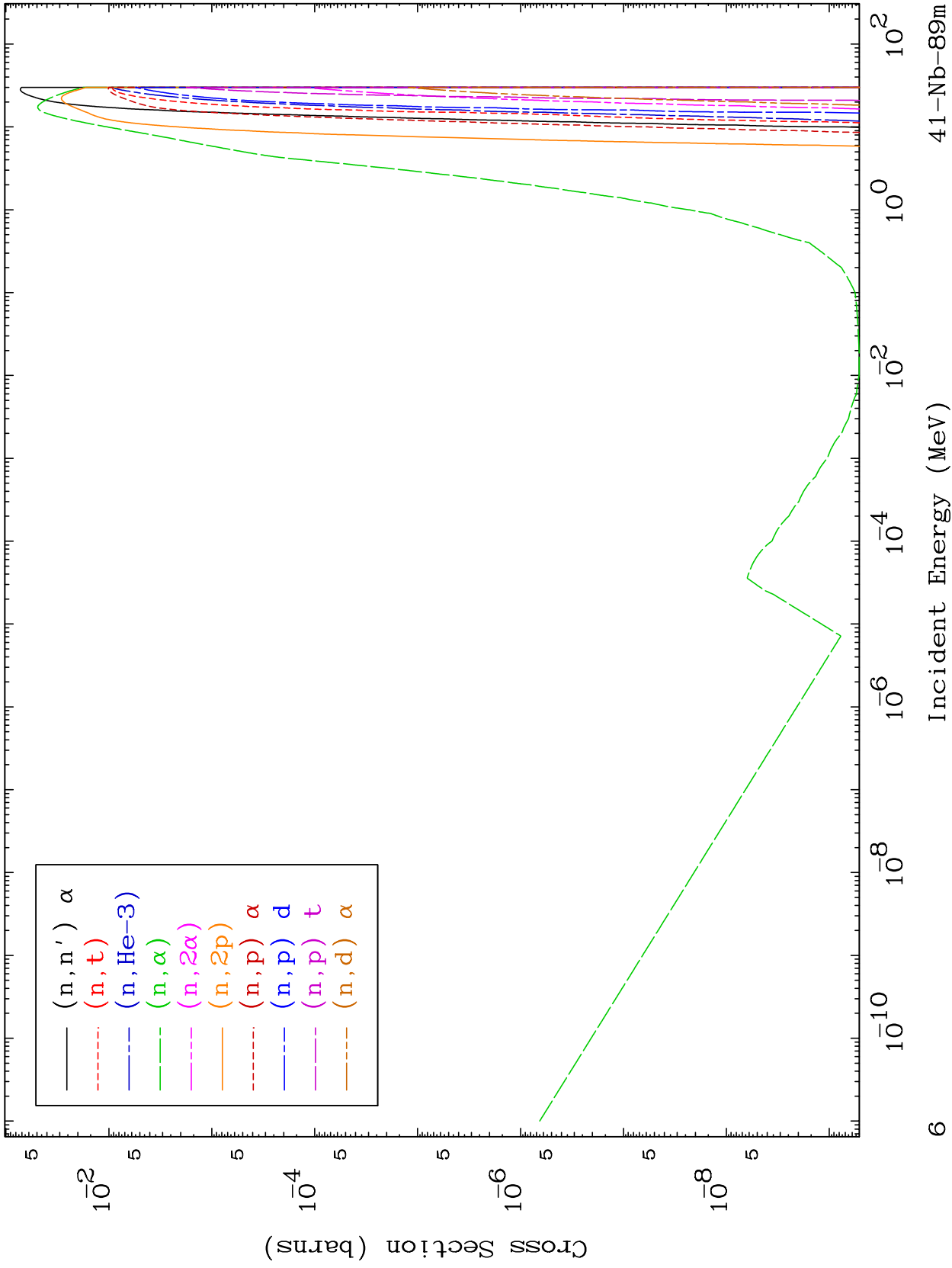
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MAT 4114

Charged Particle
293 Kelvin Cross Sections

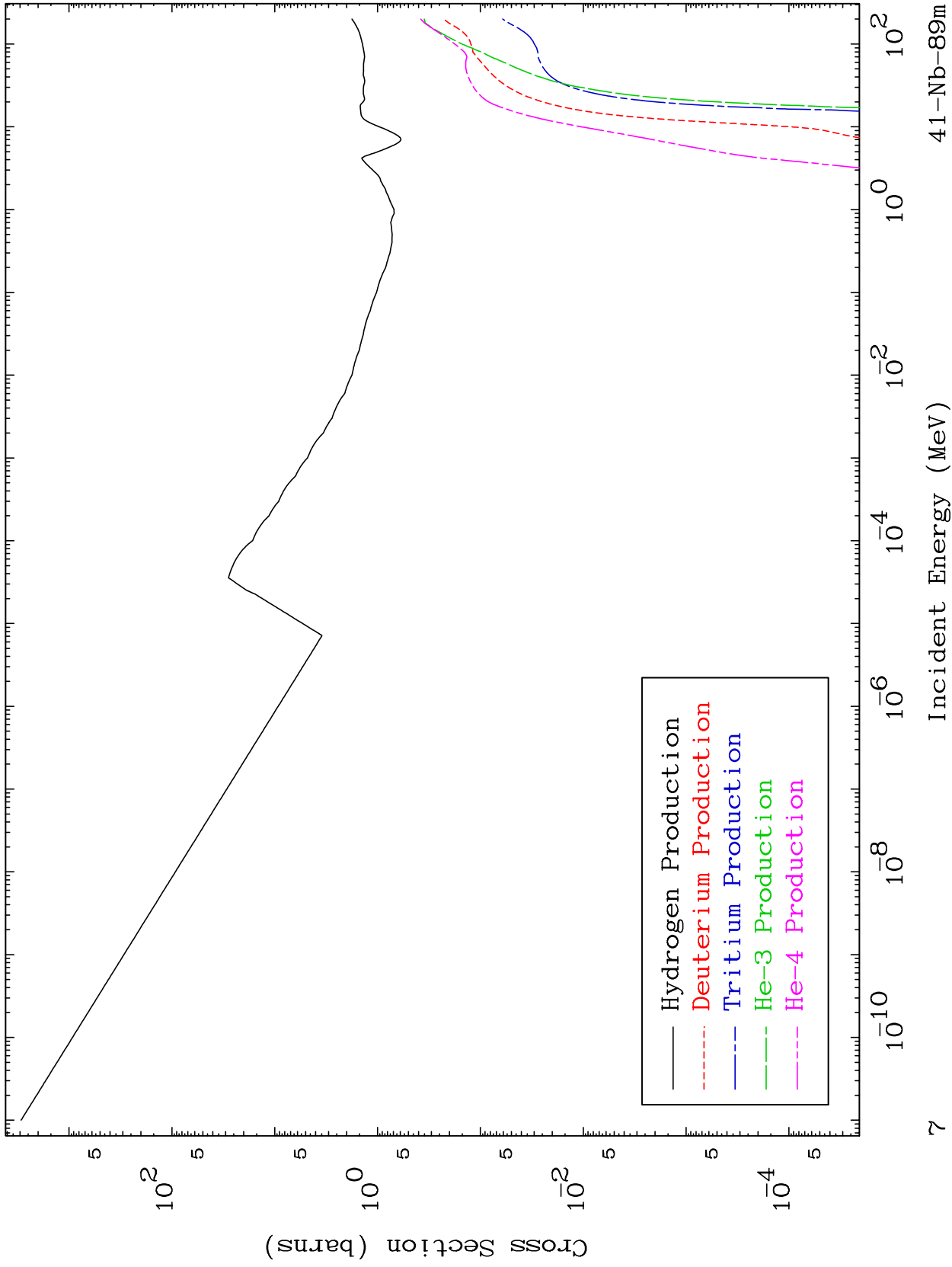
41-Nb-89m



MAT 4114

Particle Production
293 Kelvin Cross Sections

41-Nb-89m

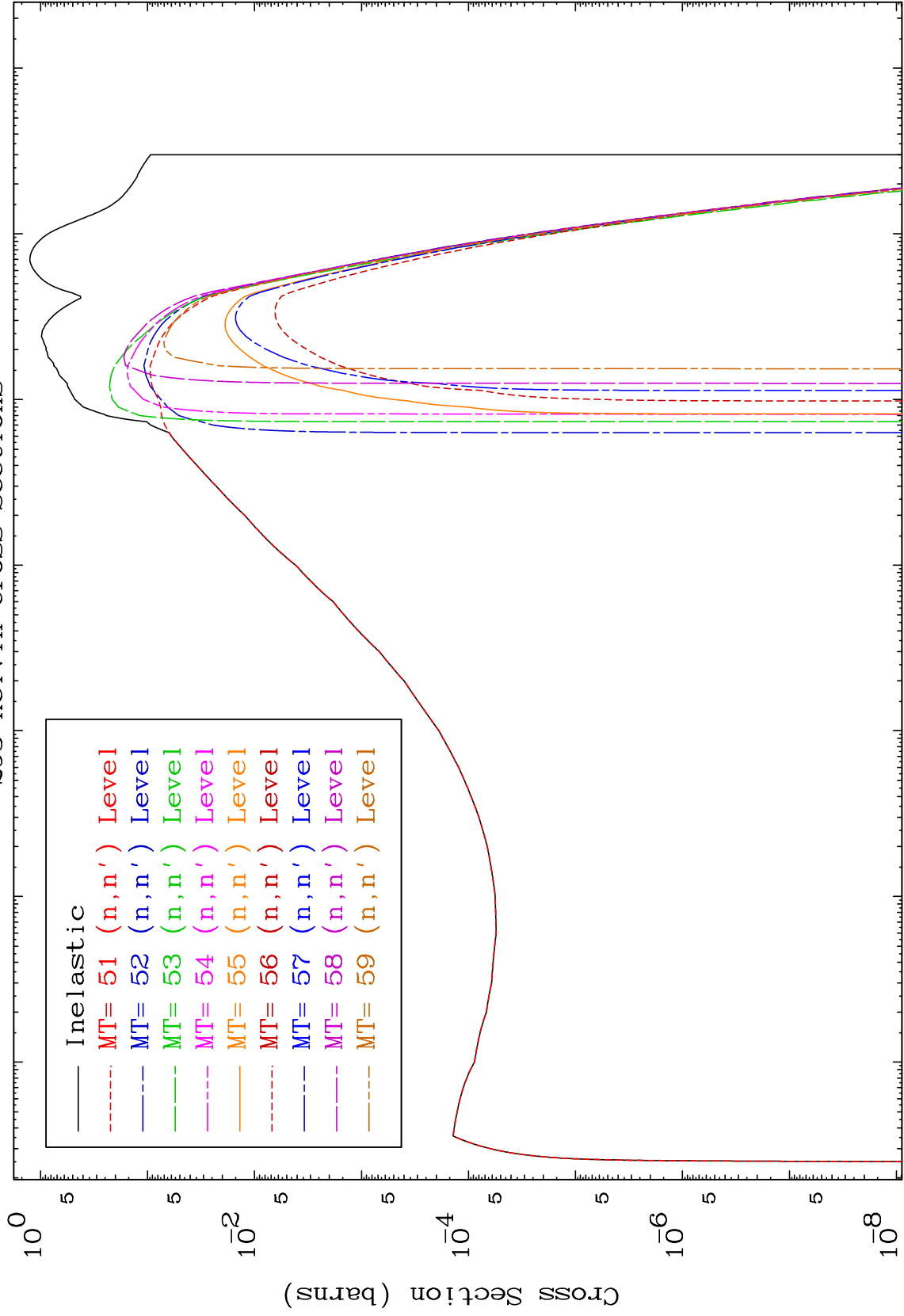


MAT 4114

(n,n') Levels

41-Nb-89m

293 Kelvin Cross Sections

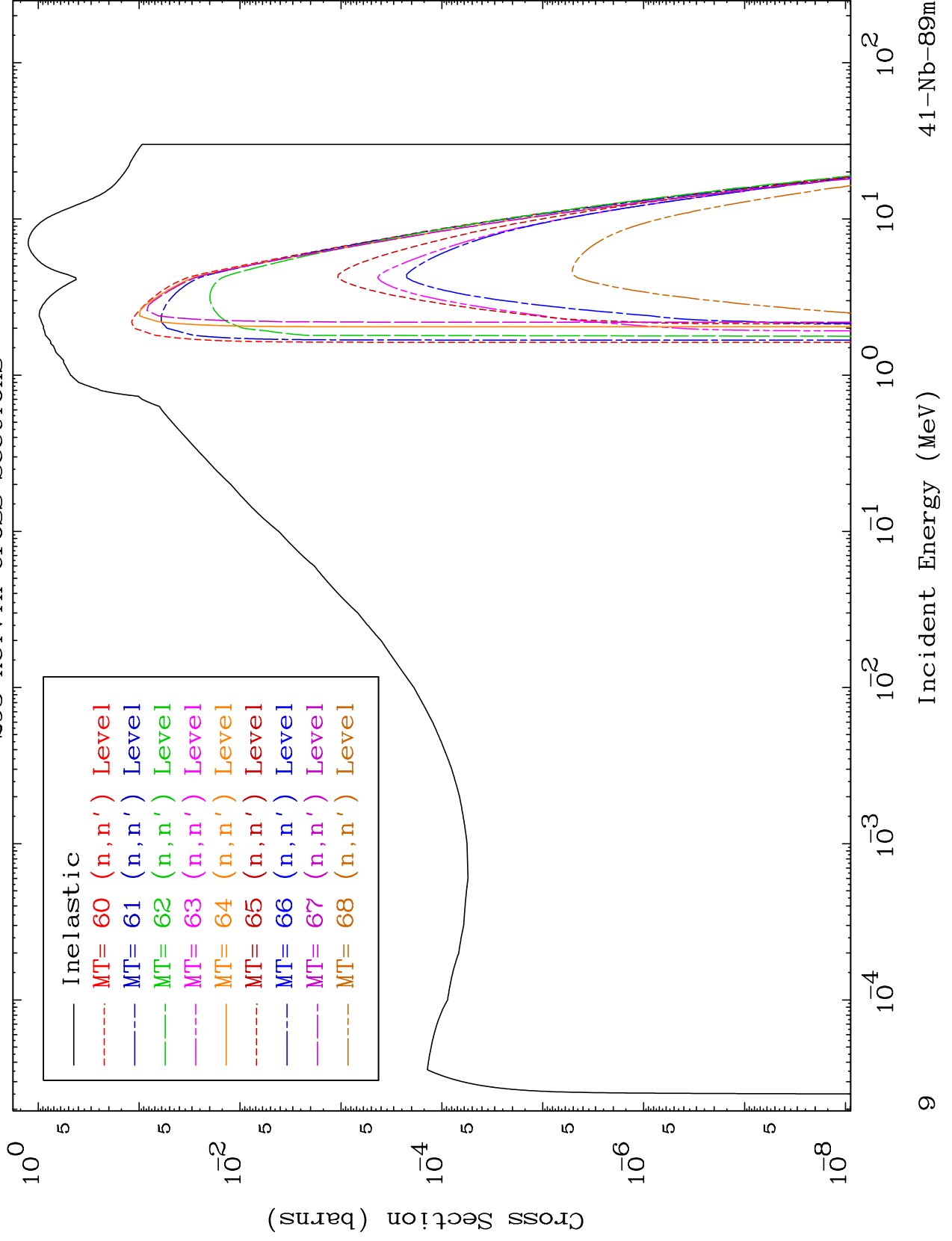


—	Inelastic
- - -	MT= 51 (n,n') Level
- . -	MT= 52 (n,n') Level
- - -	MT= 53 (n,n') Level
- . -	MT= 54 (n,n') Level
- - -	MT= 55 (n,n') Level
- . -	MT= 56 (n,n') Level
- - -	MT= 57 (n,n') Level
- . -	MT= 58 (n,n') Level
- - -	MT= 59 (n,n') Level

MAT 4114

(n,n') Levels
293 Kelvin Cross Sections

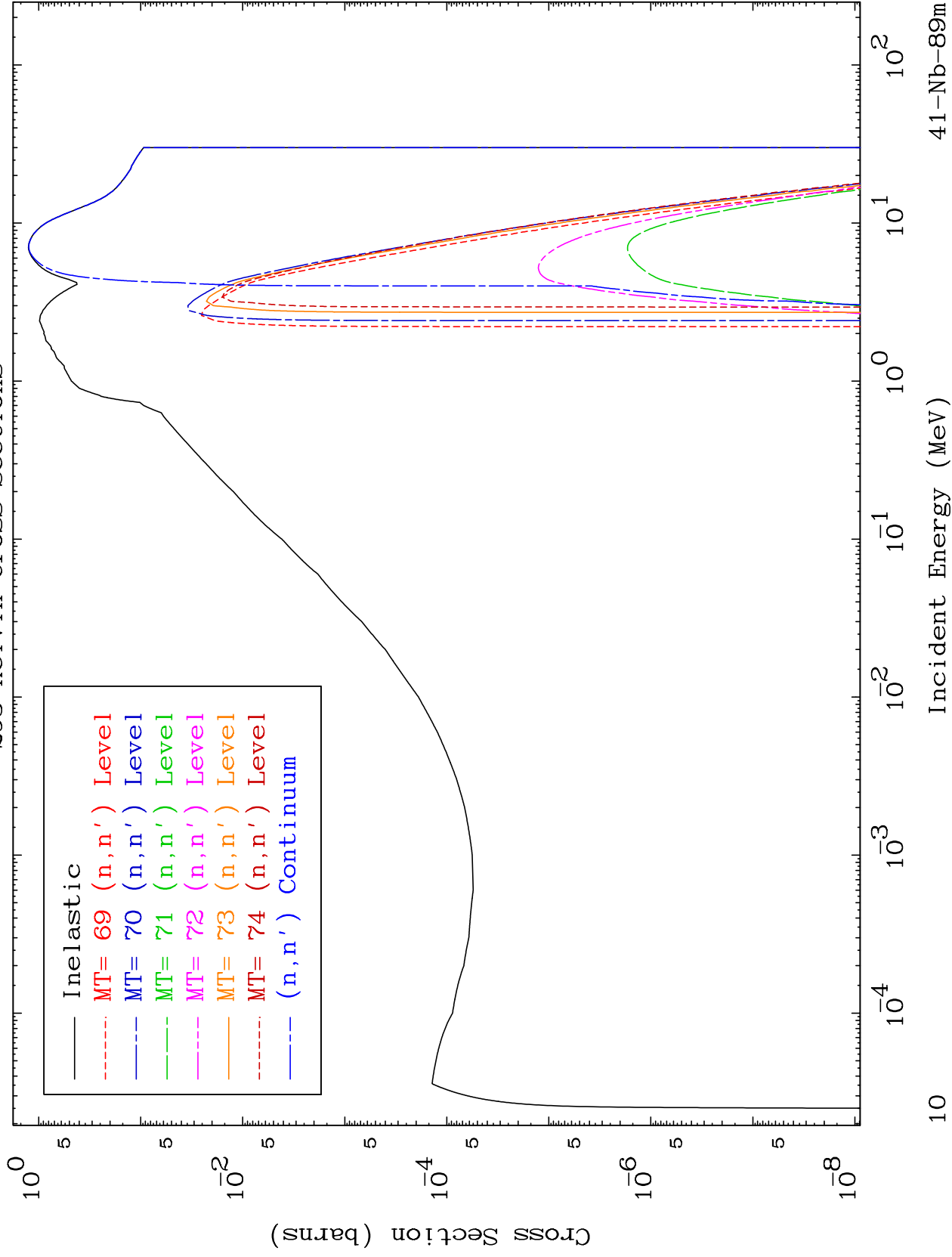
41-Nb-89m



MAT 4114

(n,n') Levels
293 Kelvin Cross Sections

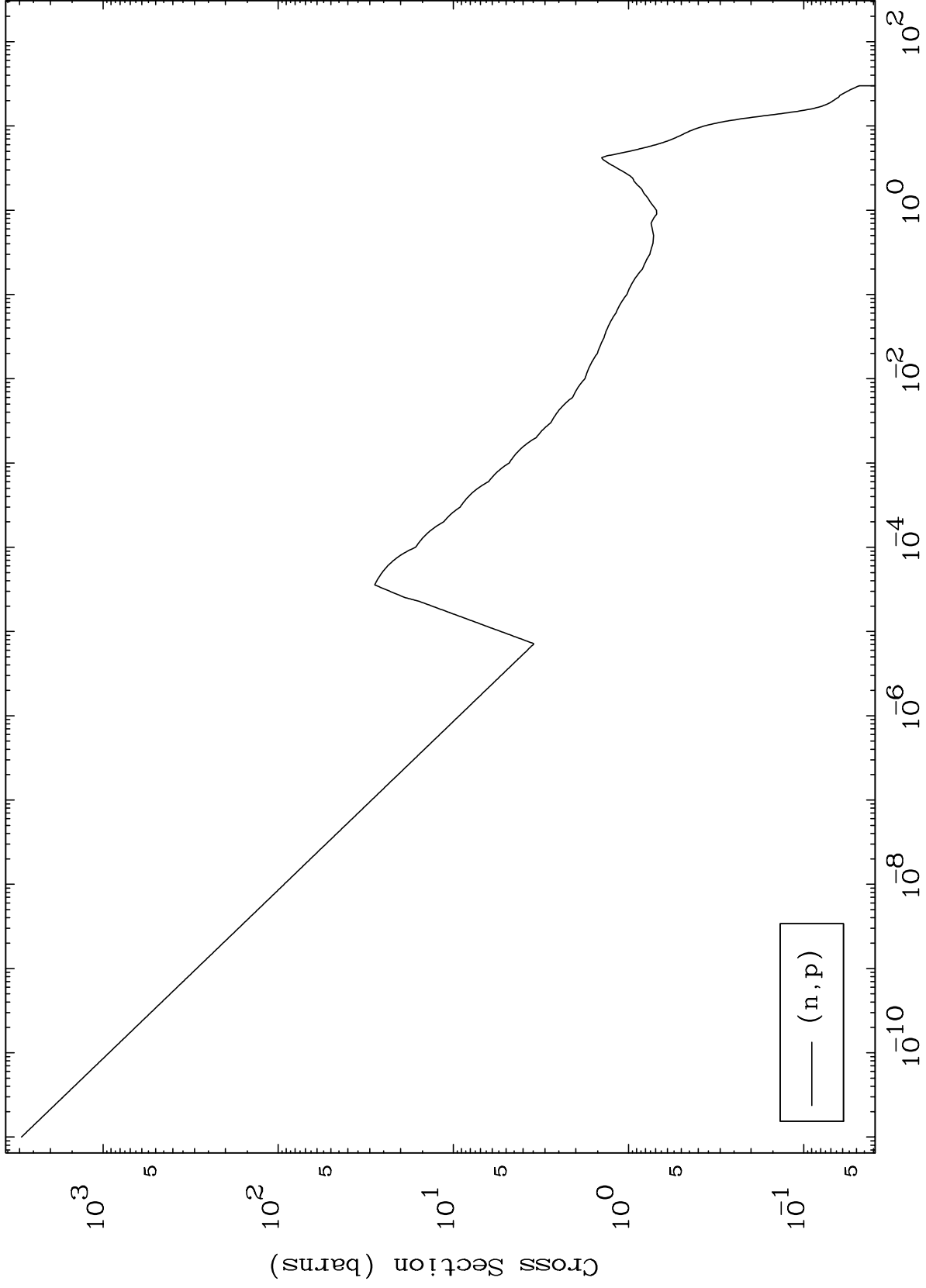
41-Nb-89m



MAT 4114

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-89m

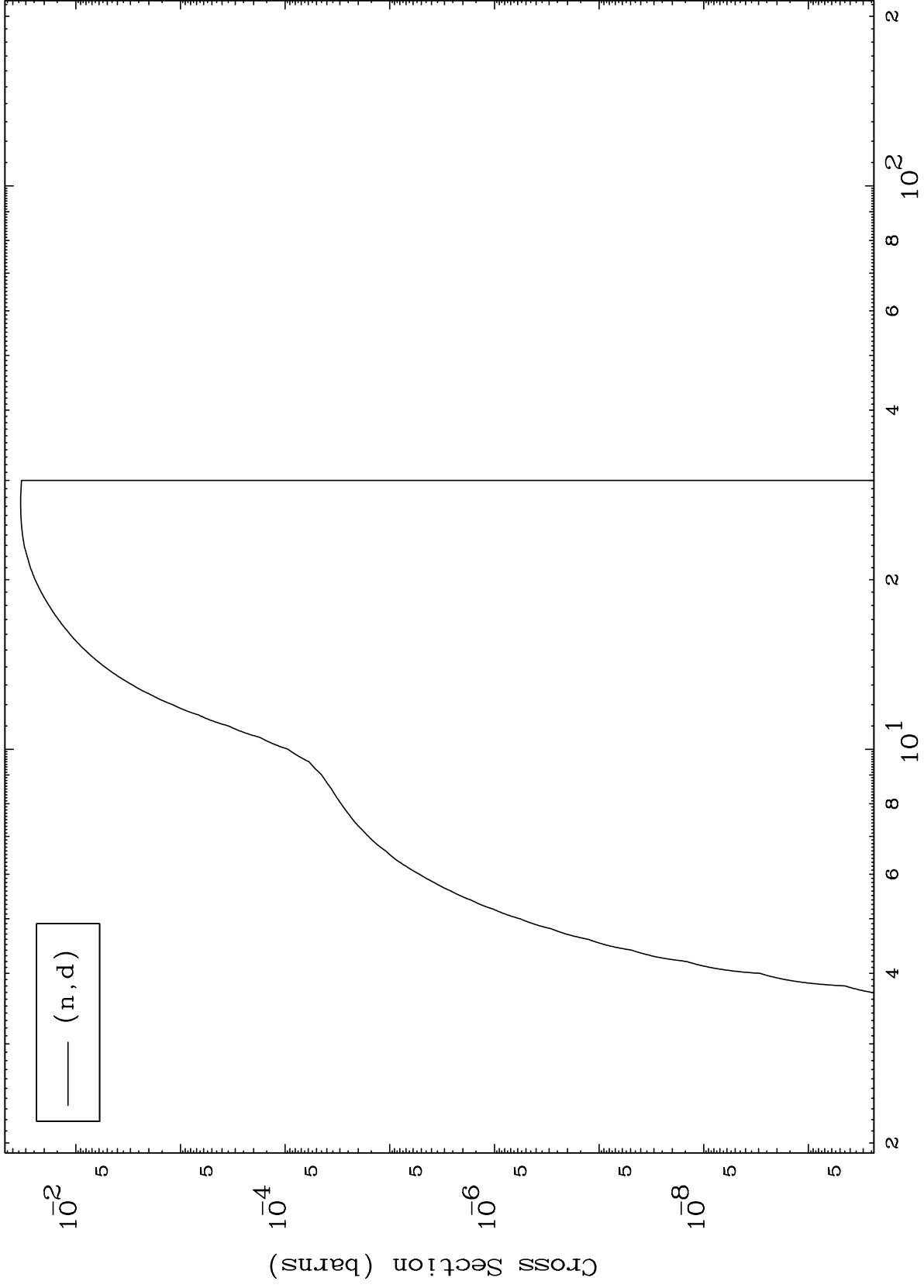


(n,p)

MAT 4114

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-89m



12

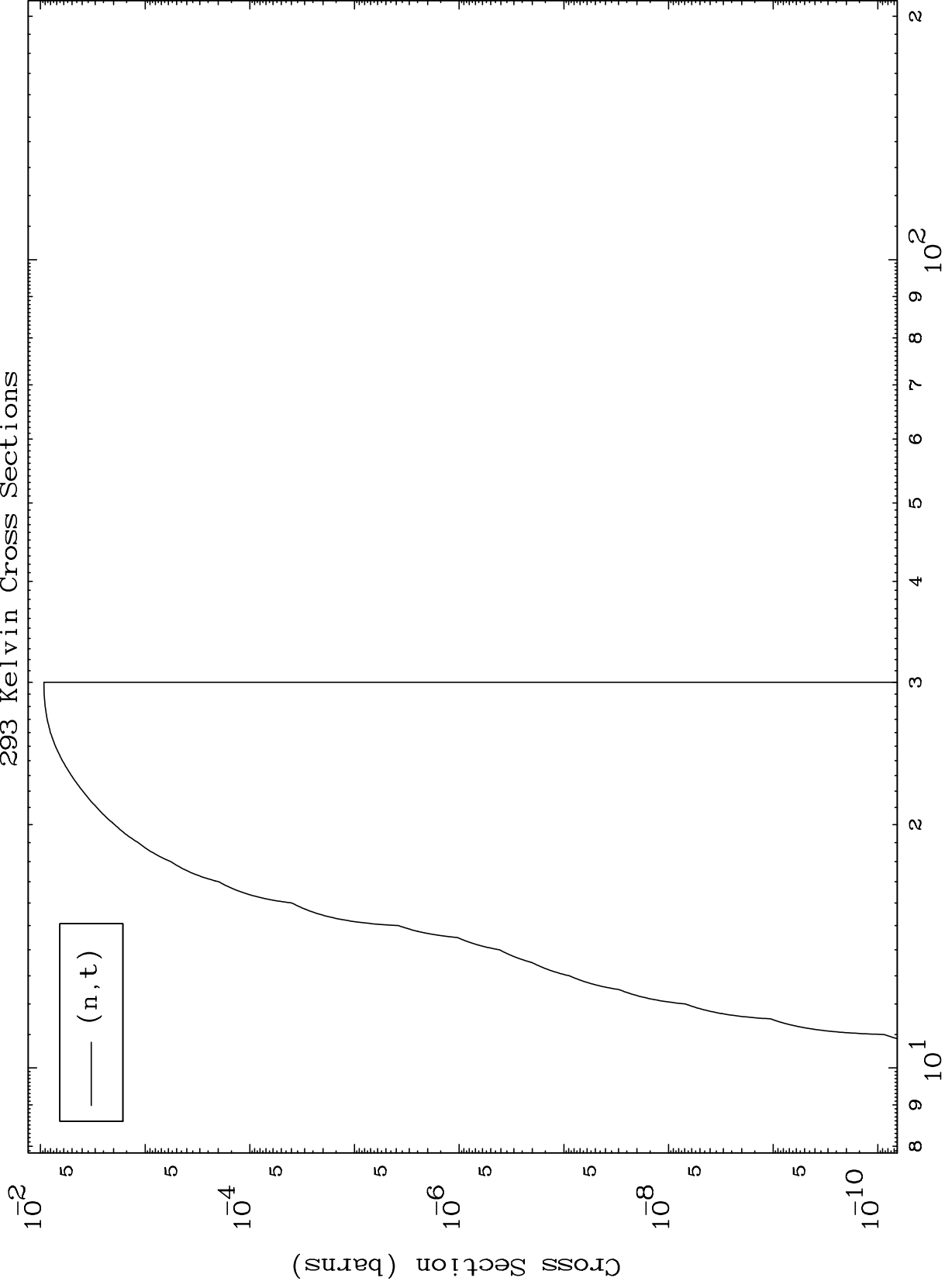
Incident Energy (MeV)

41-Nb-89m

MAT 4114

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-89m



13

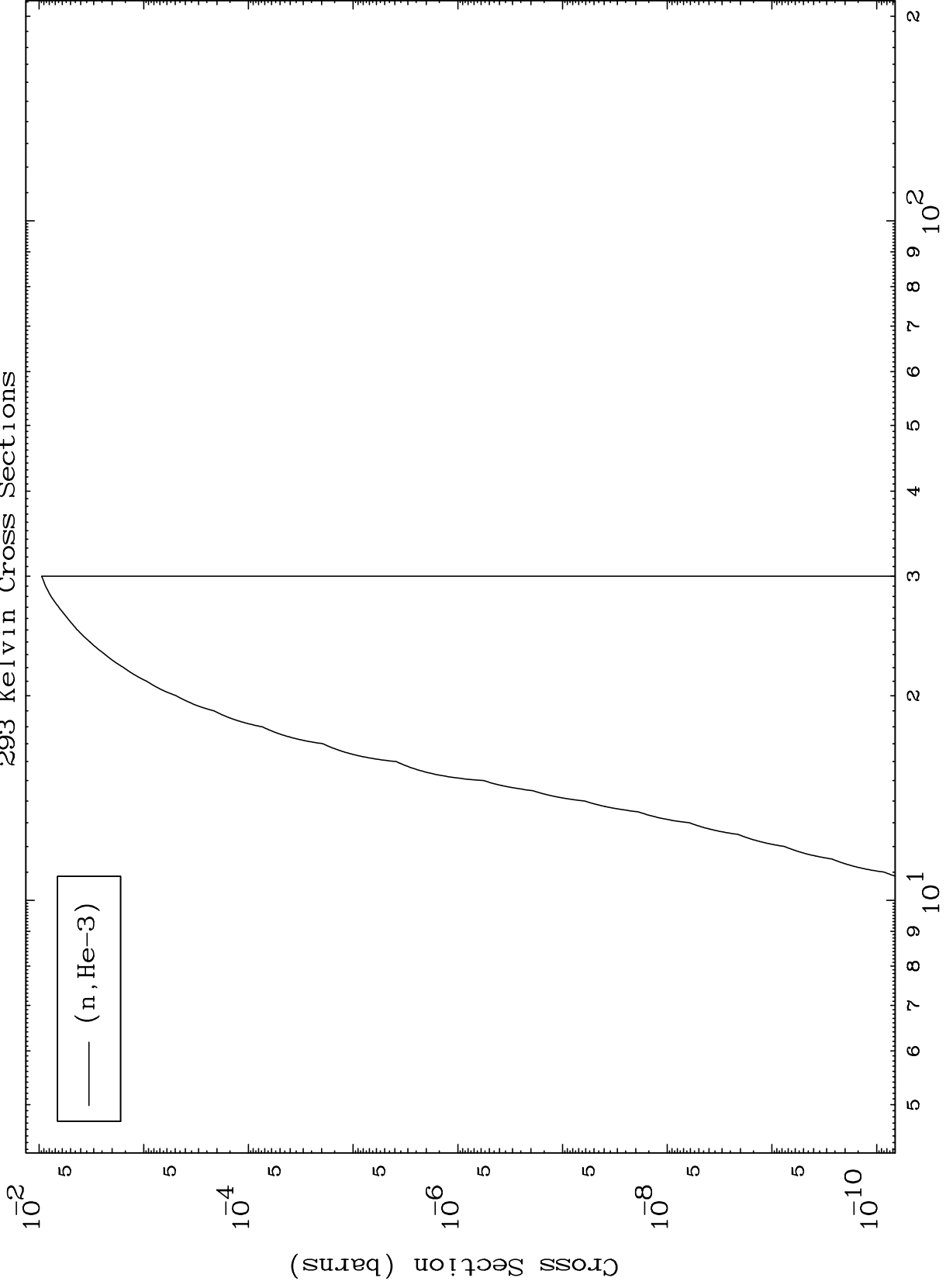
Incident Energy (MeV)

41-Nb-89m

MAT 4114

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-89m



14

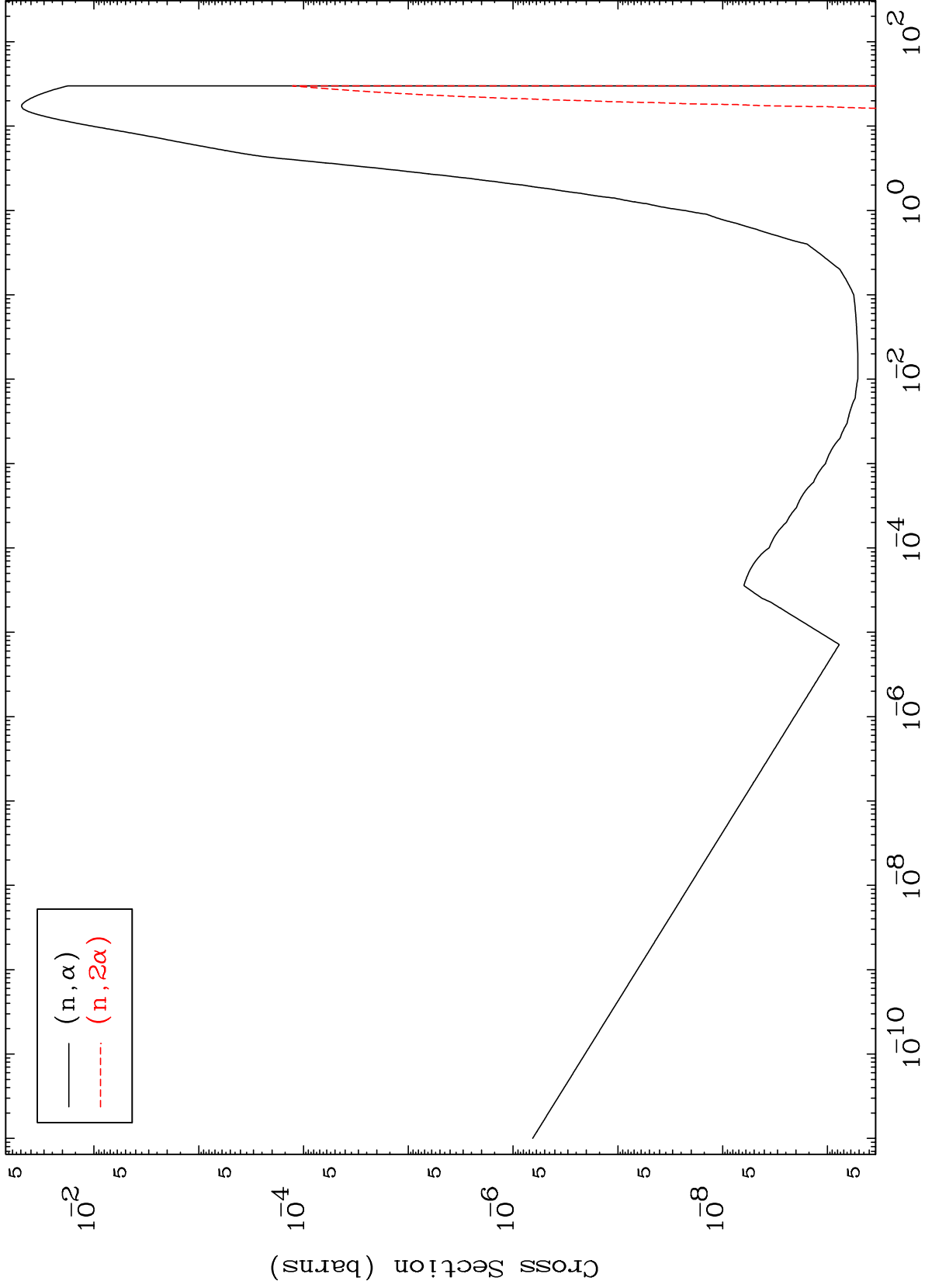
Incident Energy (MeV)

41-Nb-89m

MAT 4114

(n, α) Levels
293 Kelvin Cross Sections

41-Nb-89m



15

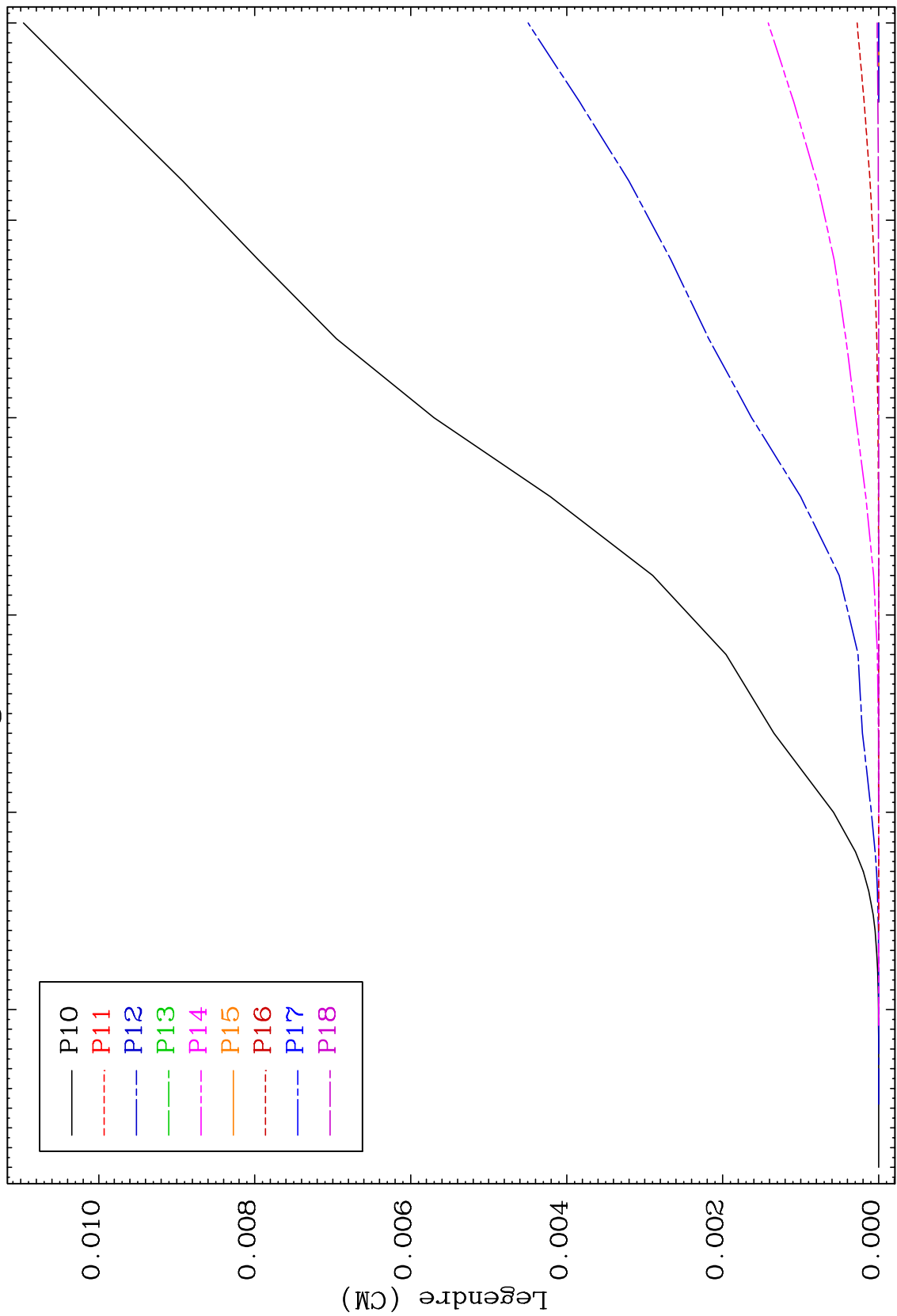
Incident Energy (MeV)

41-Nb-89m

MAT 4114

Elastic Legendre Coefficients

41-Nb-89m



17

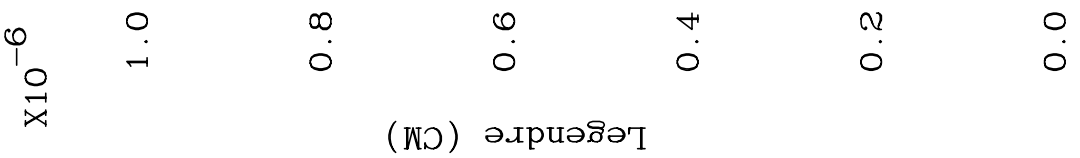
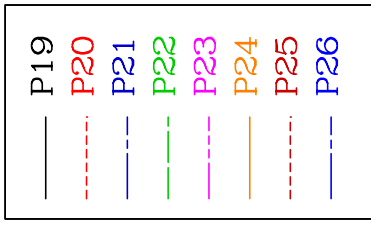
41-Nb-89m

Incident Energy (MeV)

MAT 4114

Elastic
Legendre Coefficients

41-Nb-89m



18

41-Nb-89m

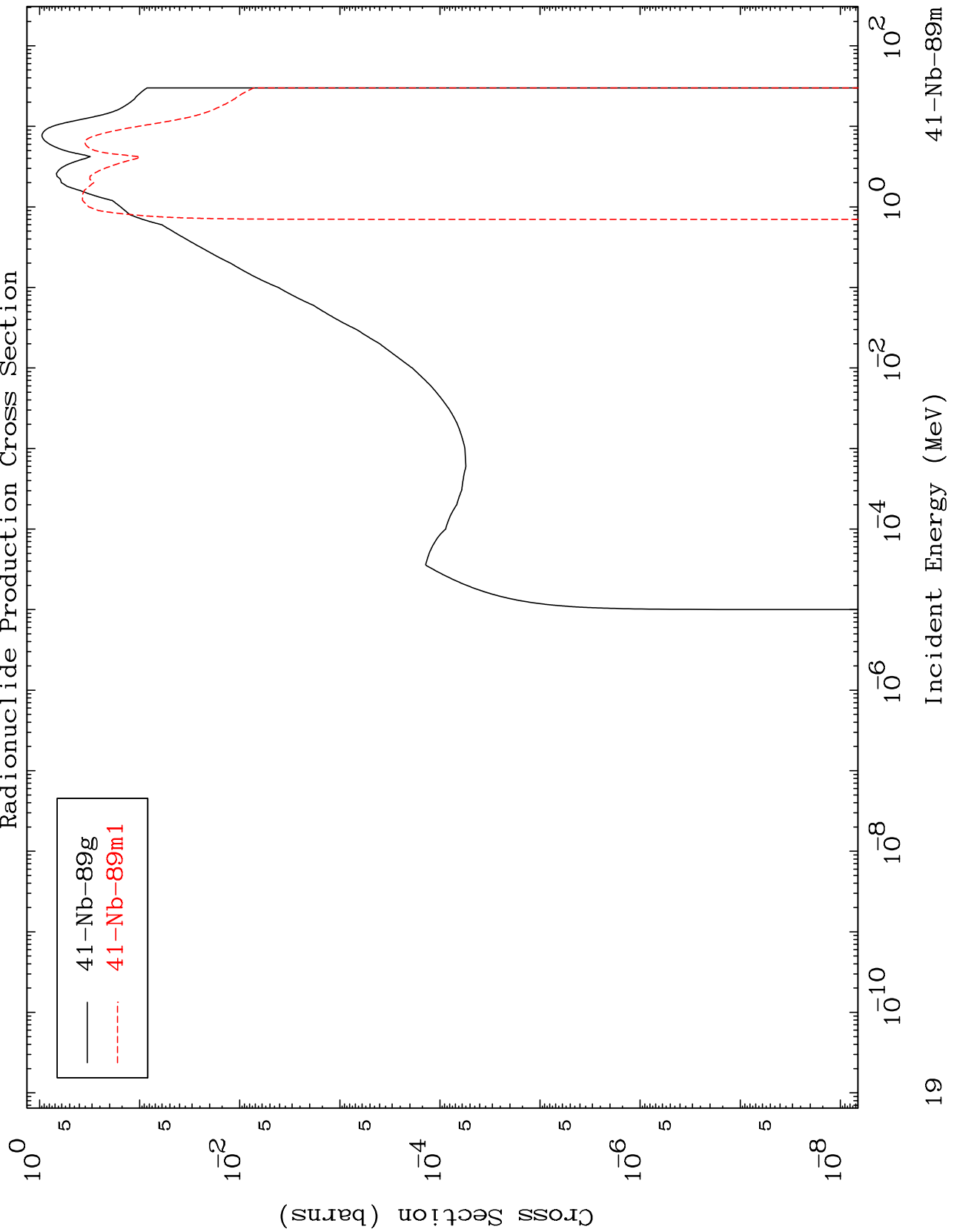
41-Nb-89m



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Inelastic
Radionuclide Production Cross Section

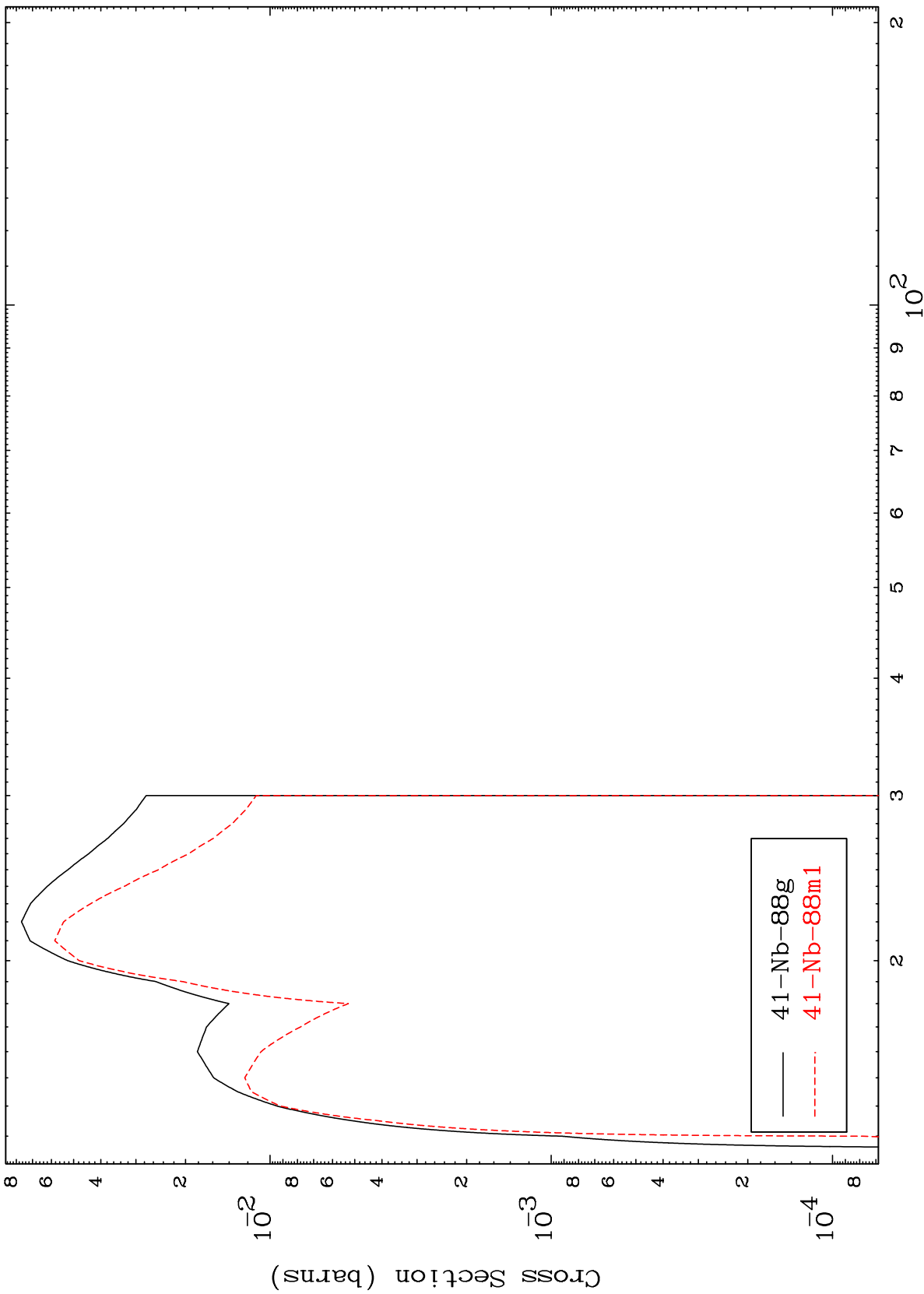
41-Nb-89m



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41-Nb-89m

(n,2n)
Radionuclide Production Cross Section



20

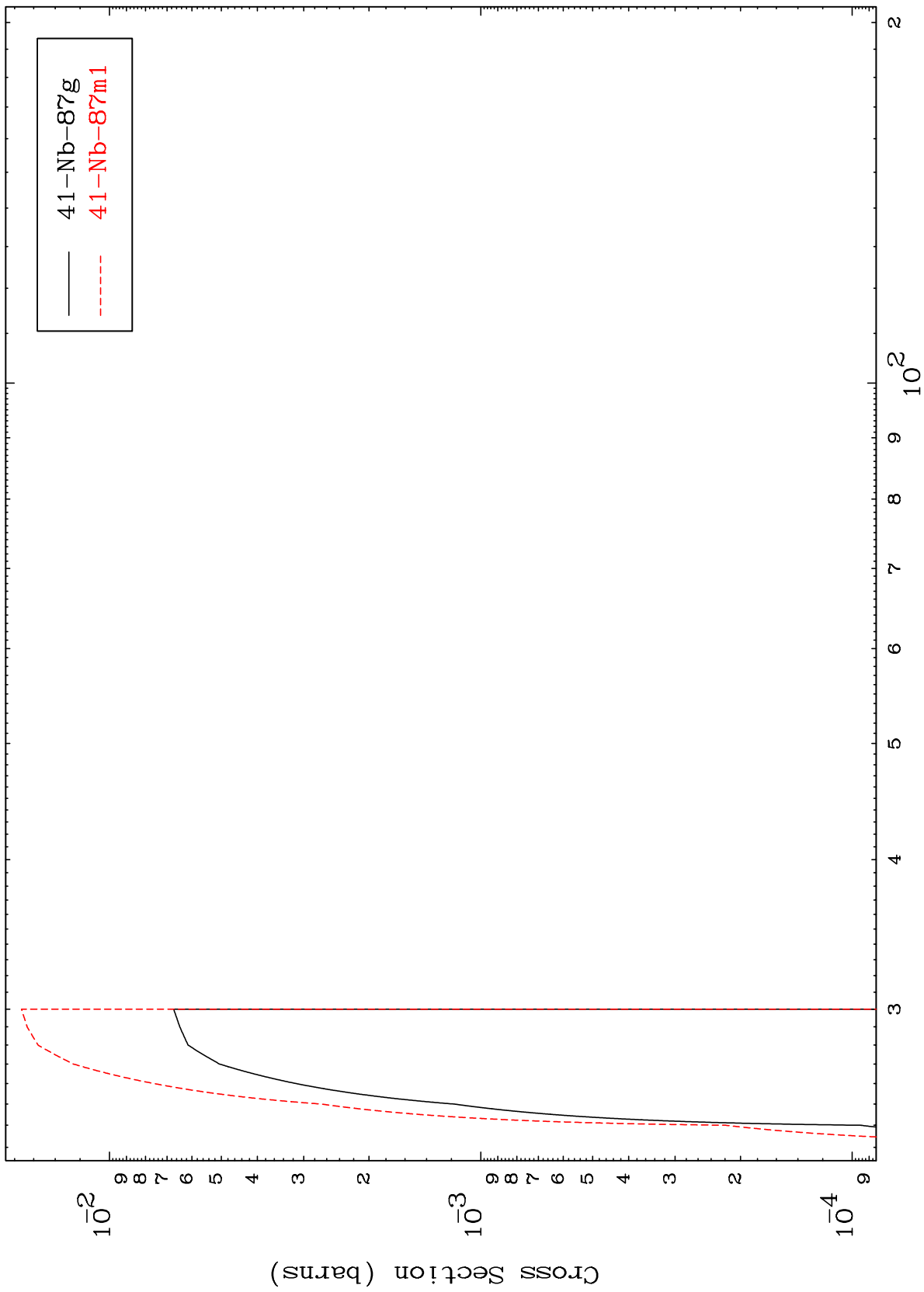
Incident Energy (MeV)

41-Nb-89m

MAT 4114

41-Nb-89m

(n,3n)
Radionuclide Production Cross Section



41-Nb-89m

Incident Energy (MeV)

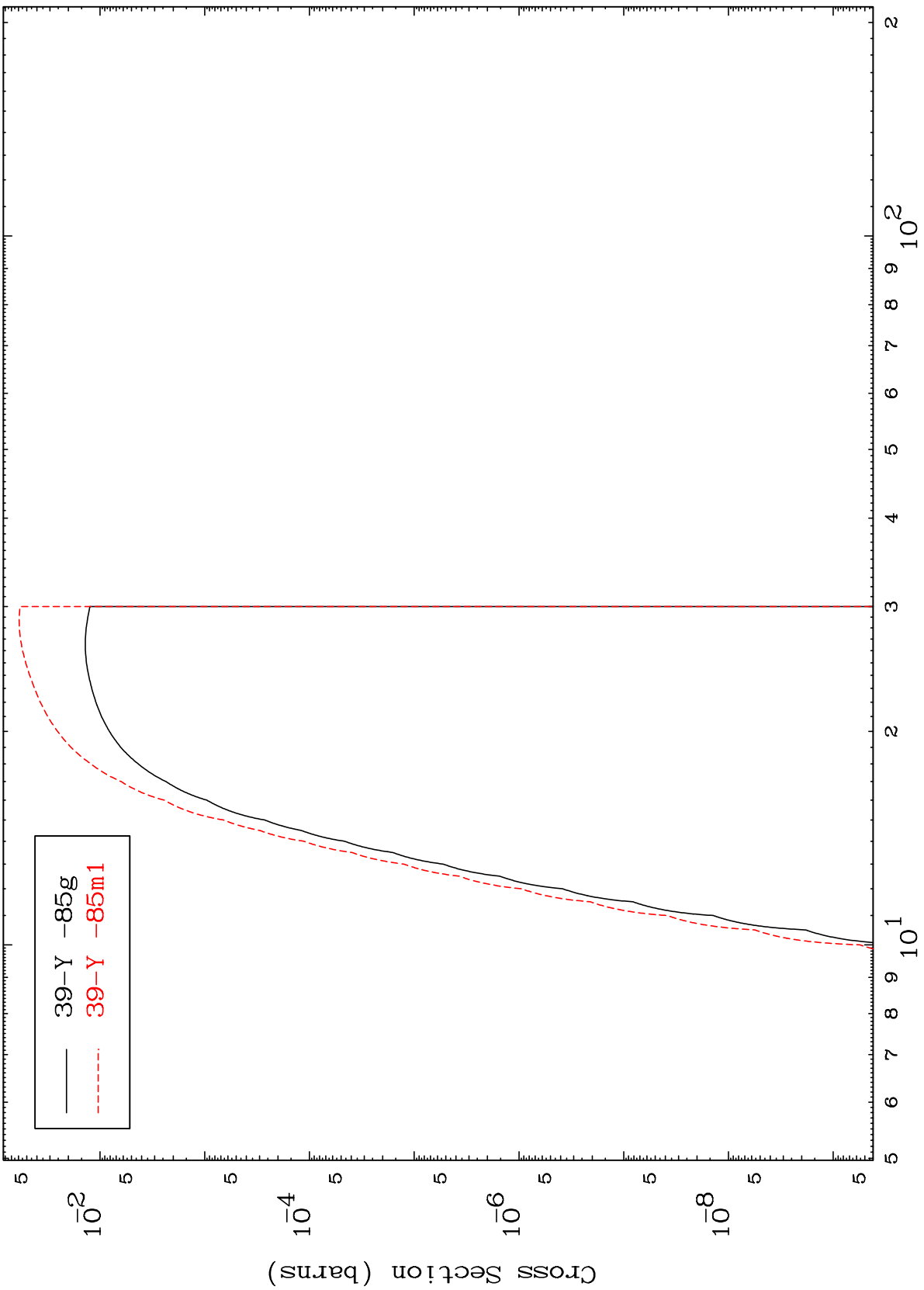
21

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41-Nb-89m

(n,n') α

Radionuclide Production Cross Section



22

Incident Energy (MeV)

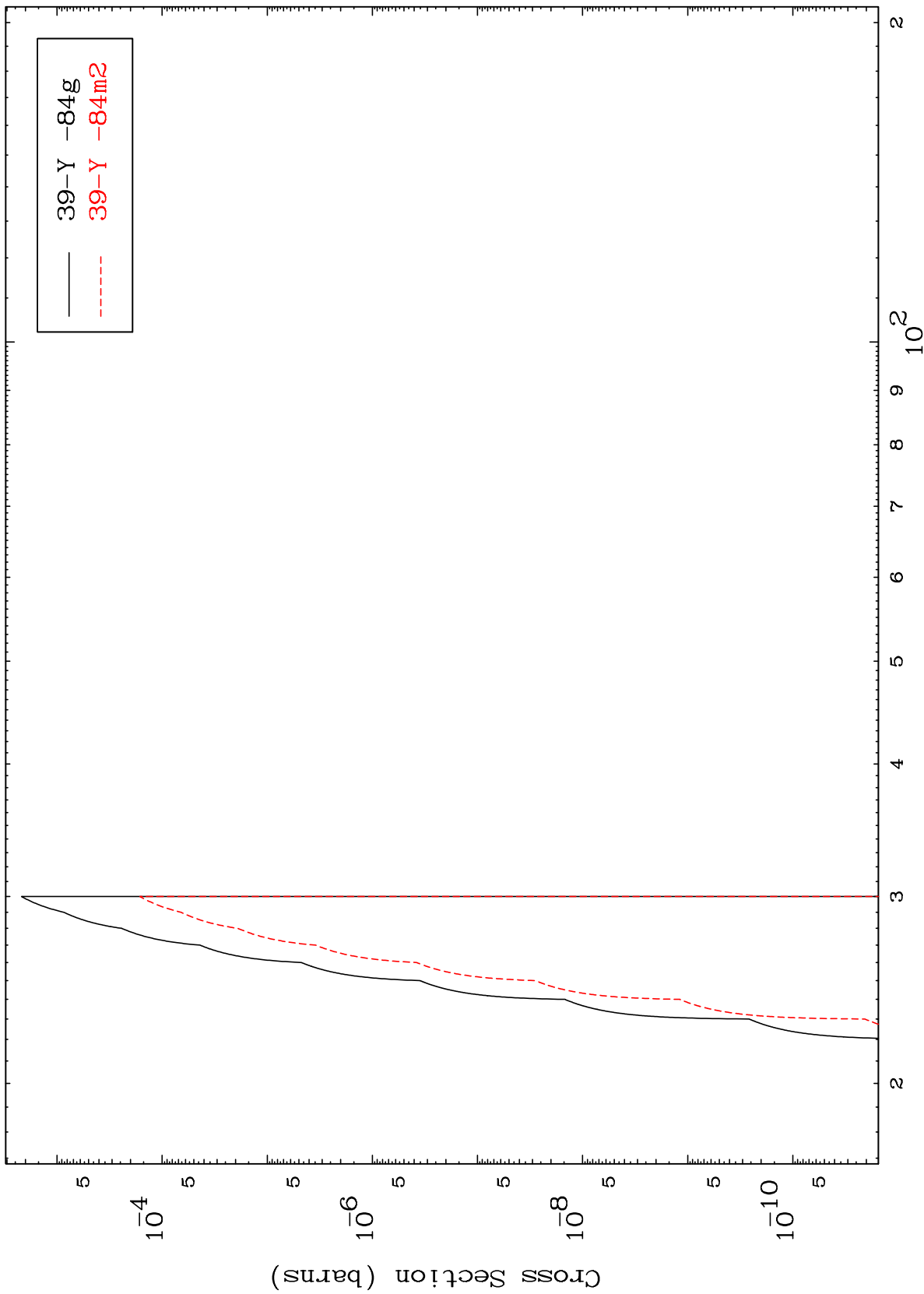
41-Nb-89m

MAT 4114

(n,2n) α

41-Nb-89m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

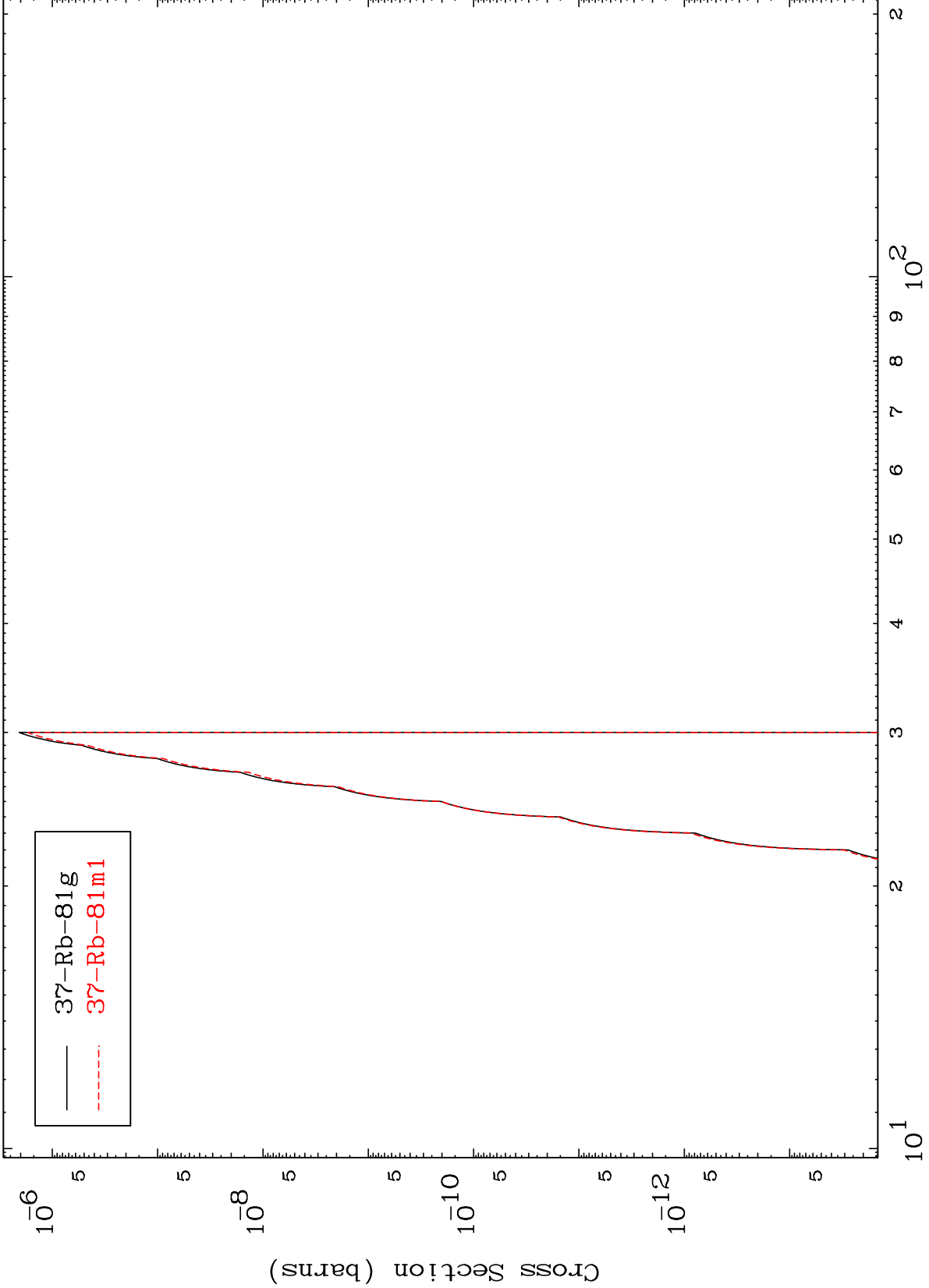
41-Nb-89m

MAT 4114

(n,n') 2α

41-Nb-89m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

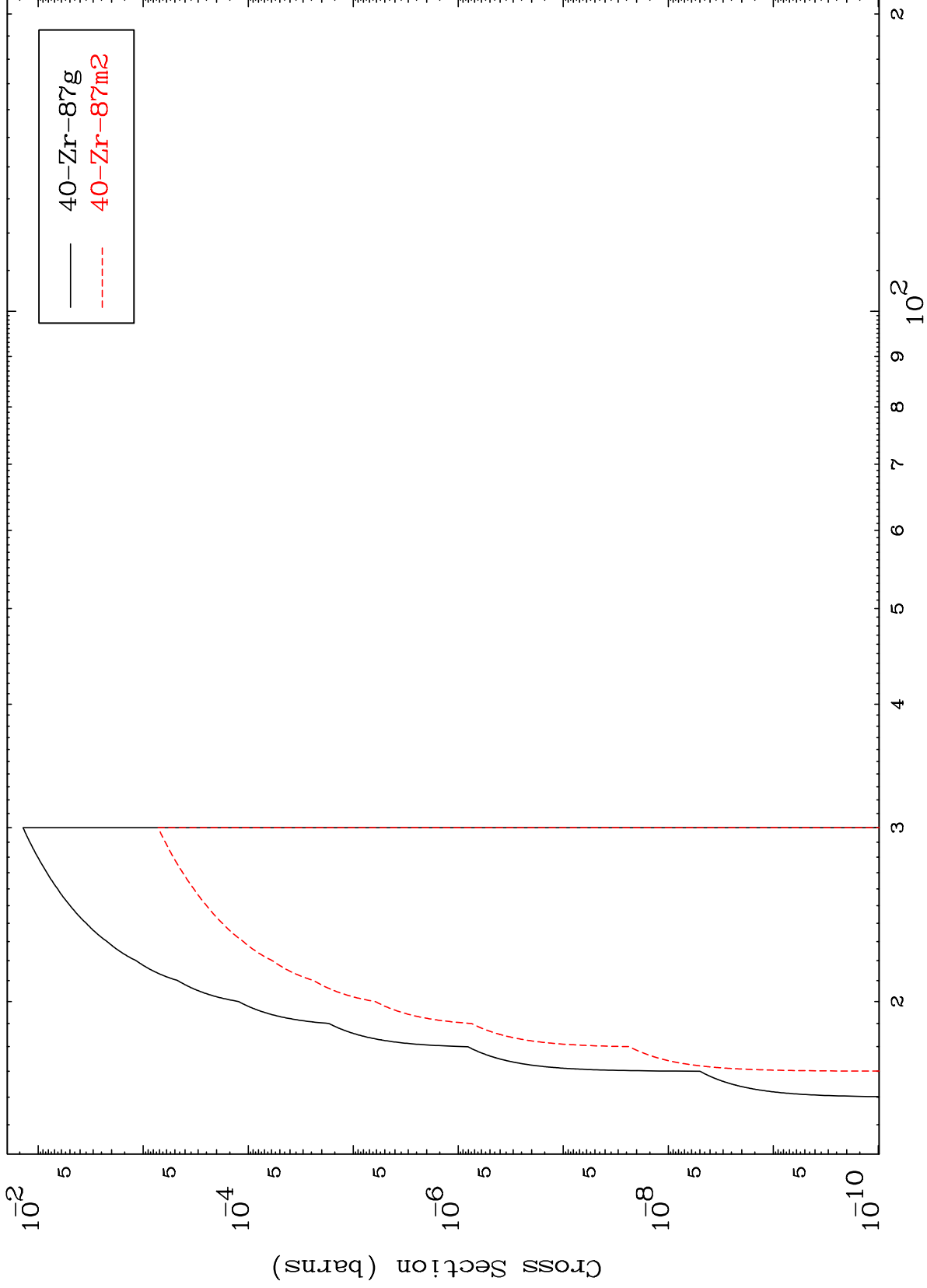
41-Nb-89m

MAT 4114

(n,n') d

41-Nb-89m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

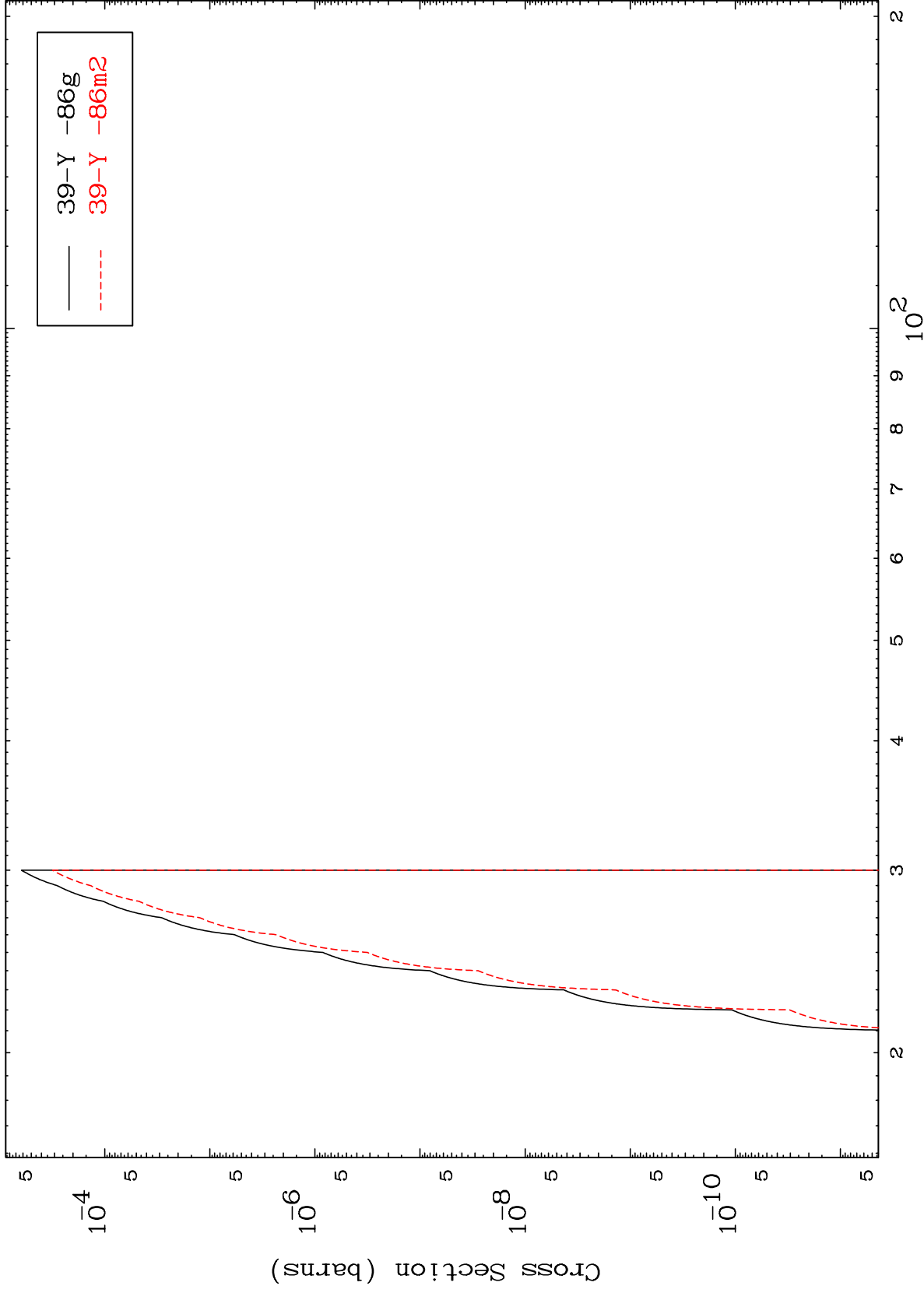
41-Nb-89m

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(n,n') He-3

41-Nb-89m

Radionuclide Production Cross Section

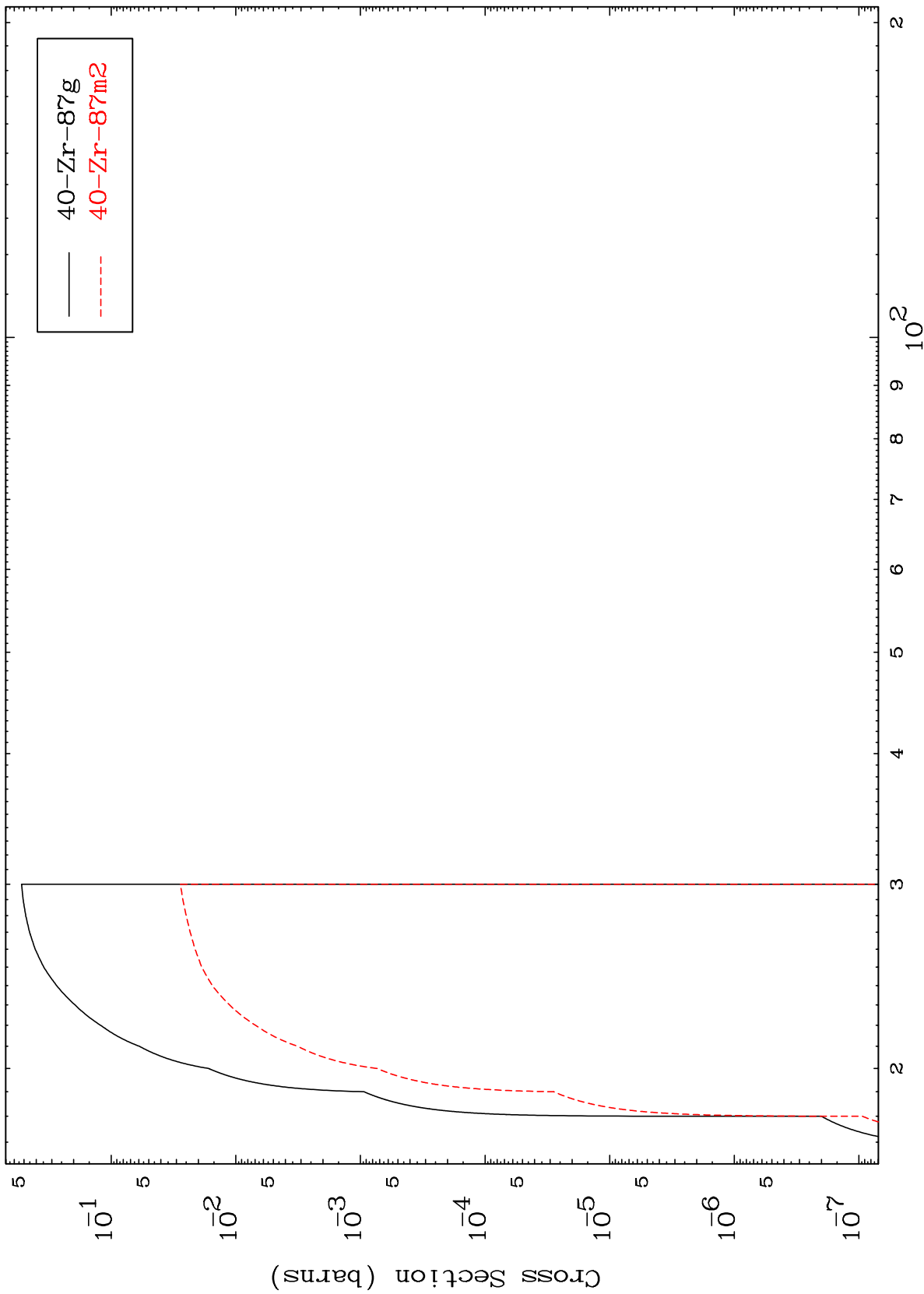


26

Incident Energy (MeV)

41-Nb-89m

Radionuclide Production Cross Section

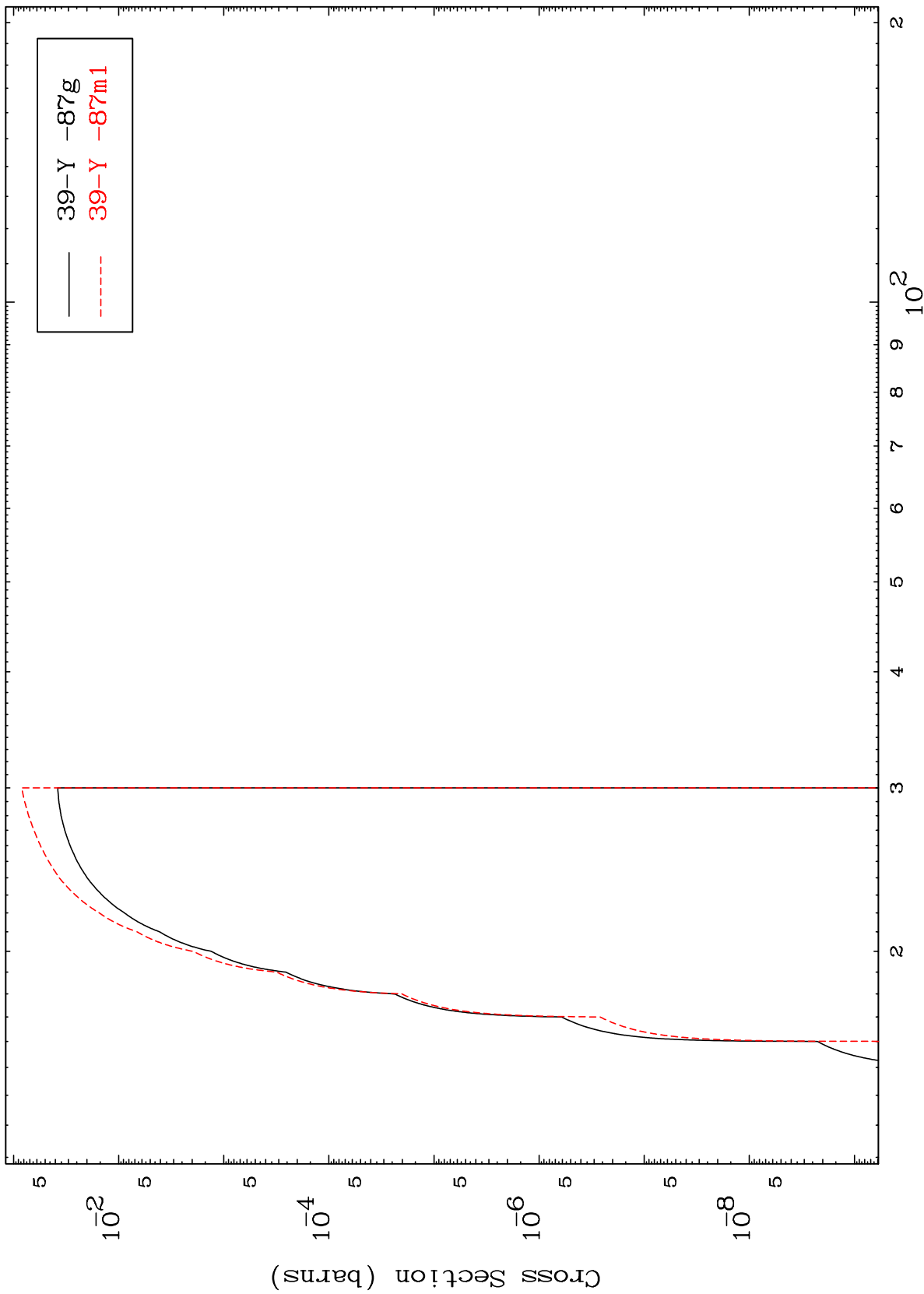


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(n,2n) p

41-Nb-89m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

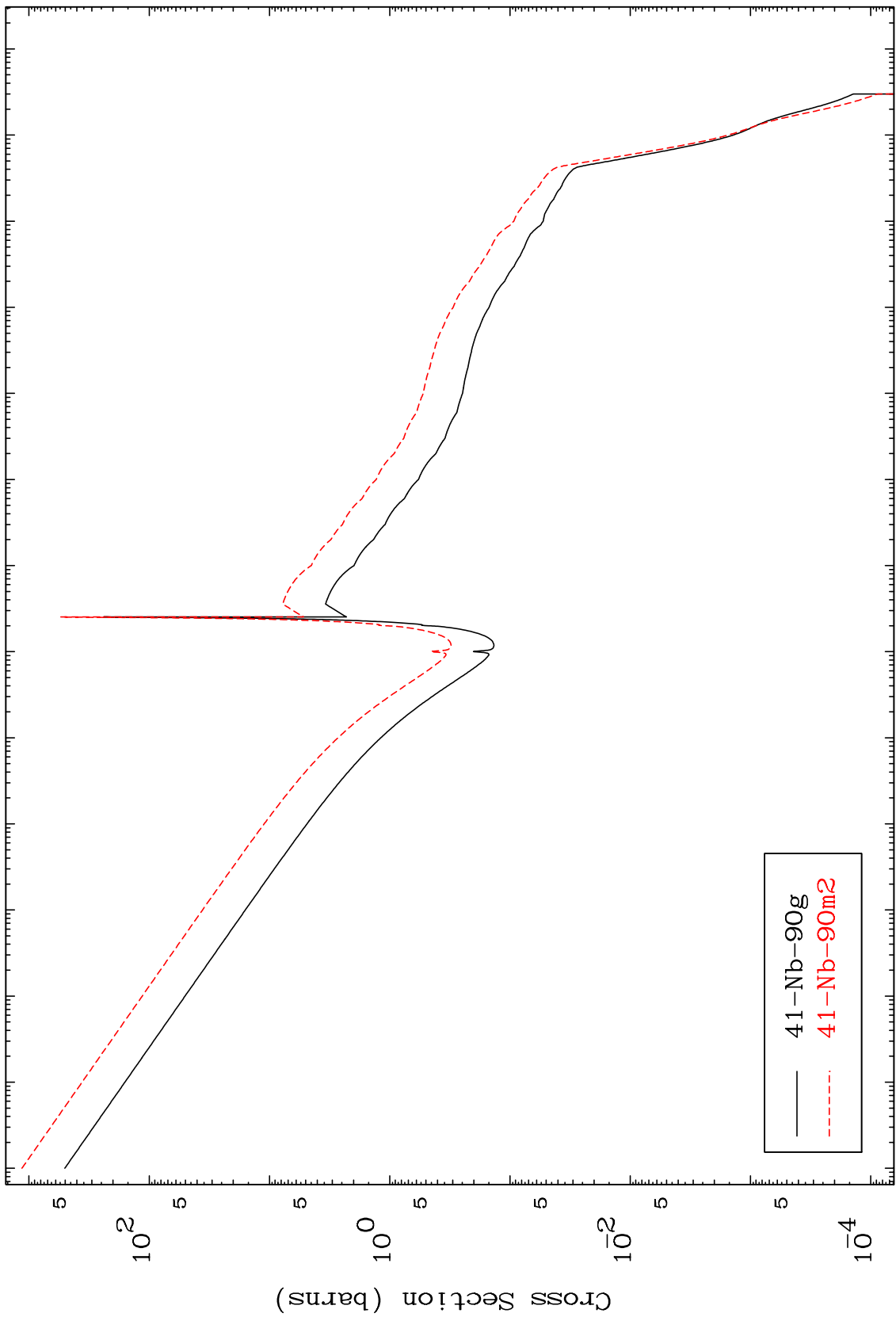
41-Nb-89m

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41-Nb-89m

Radionuclide Production Cross Section

(n, γ)



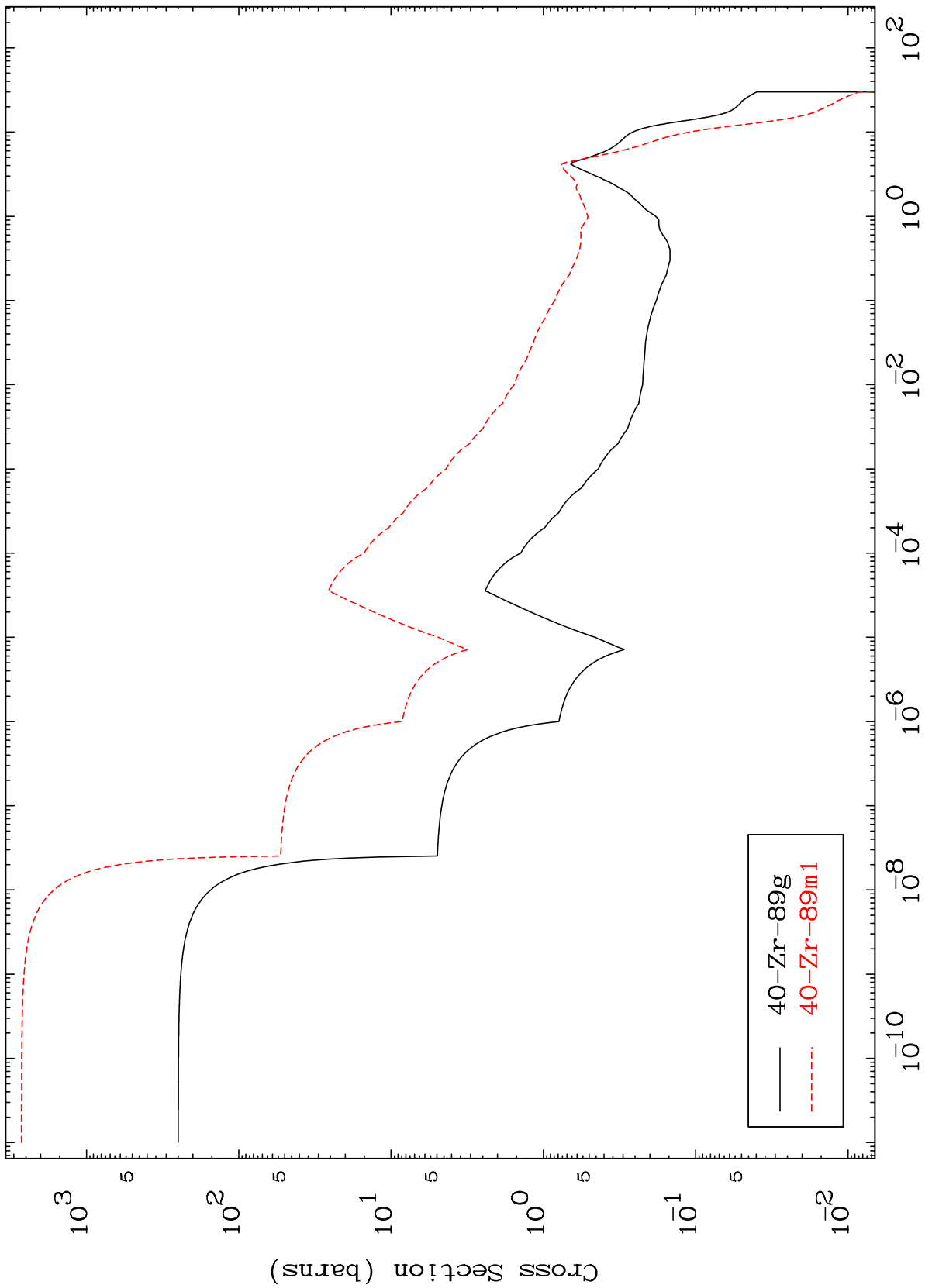
41-Nb-89m

Incident Energy (MeV)

MAT 4114

41-Nb-89m

(n,p)
Radionuclide Production Cross Section



30

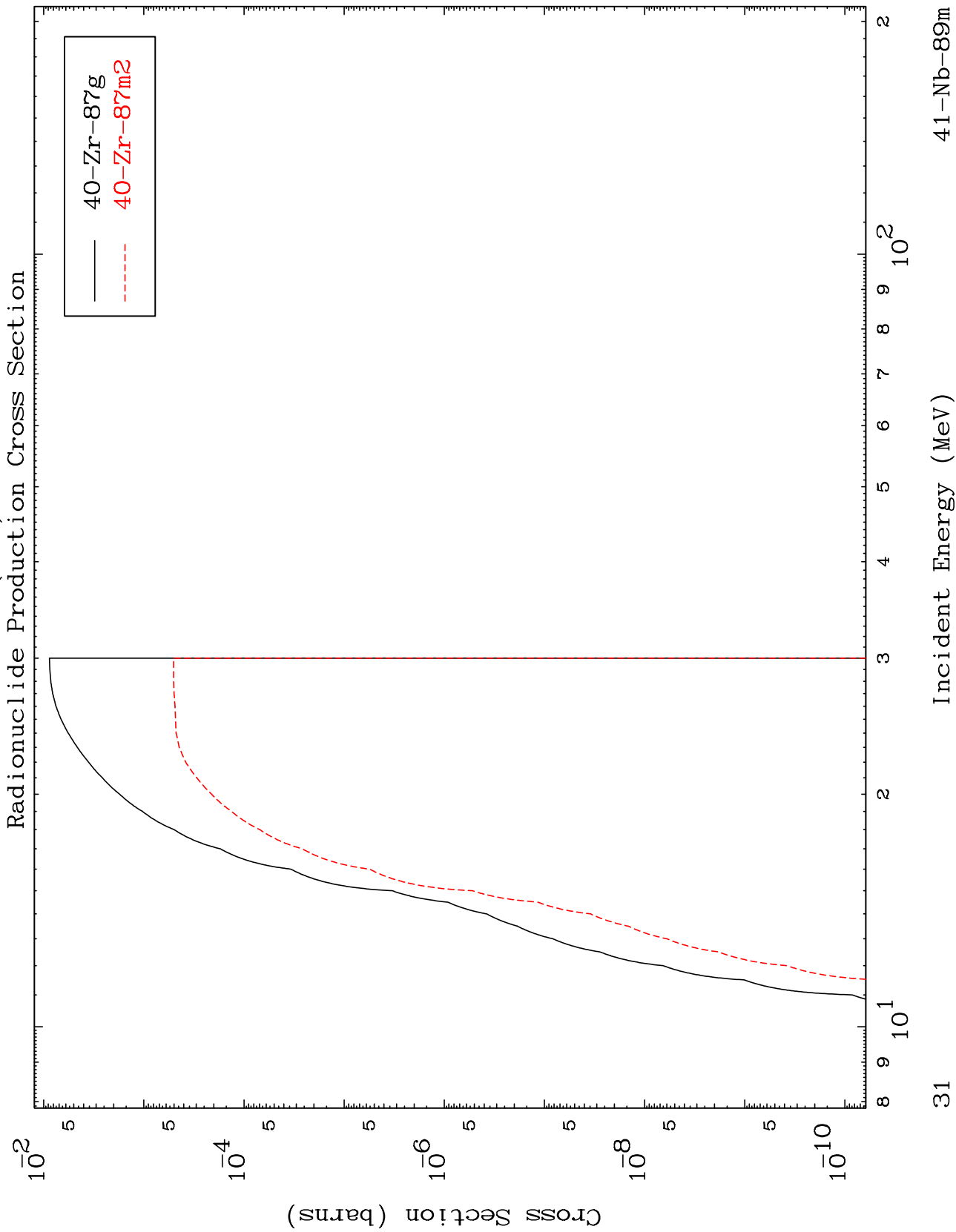
Incident Energy (MeV)

41-Nb-89m

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(n, t)

41-Nb-89m



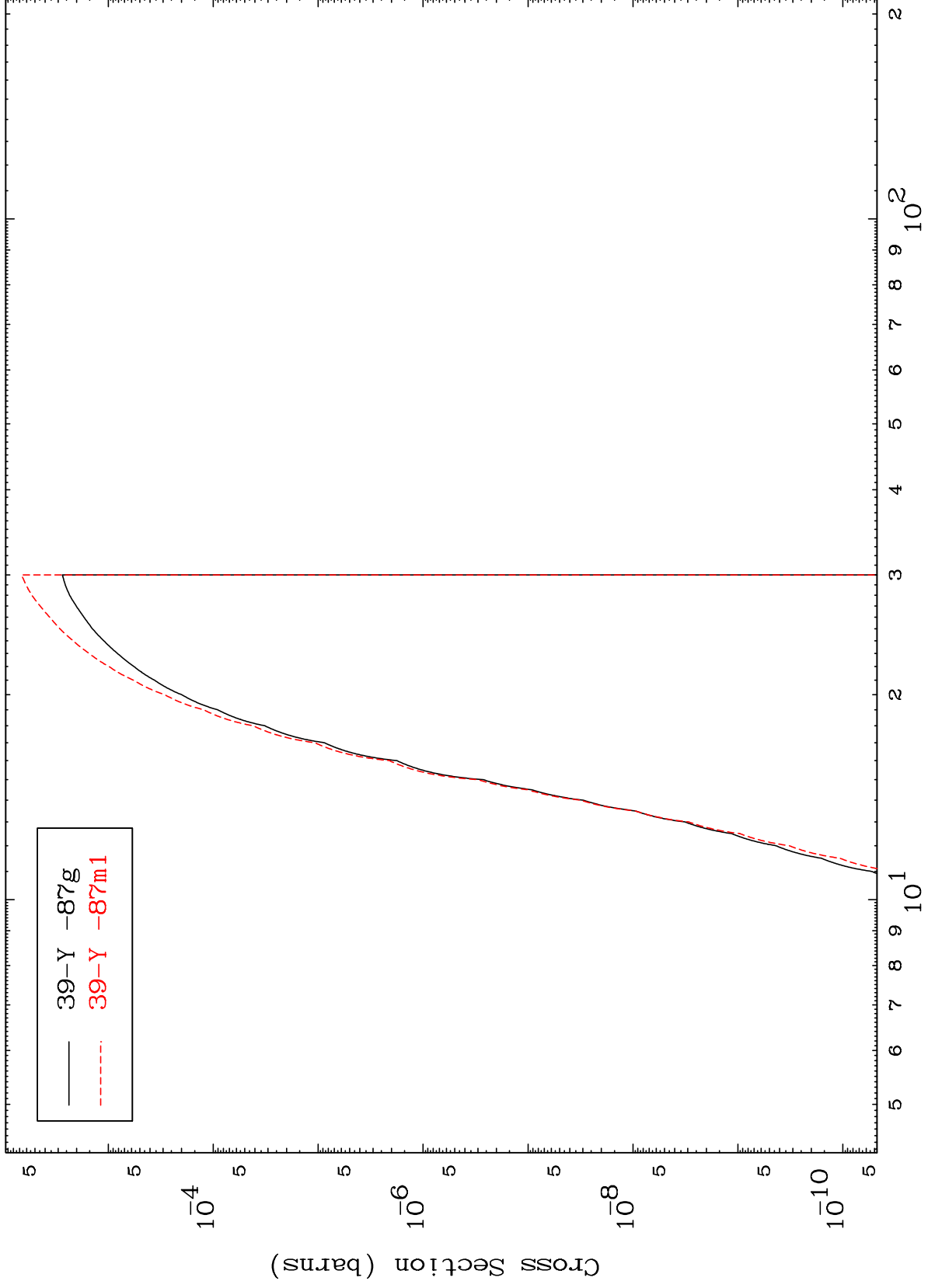
31

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(n,He-3)

41-Nb-89m

Radionuclide Production Cross Section



Legend:
— 39-Y -87g
- - - 39-Y -87m1

32

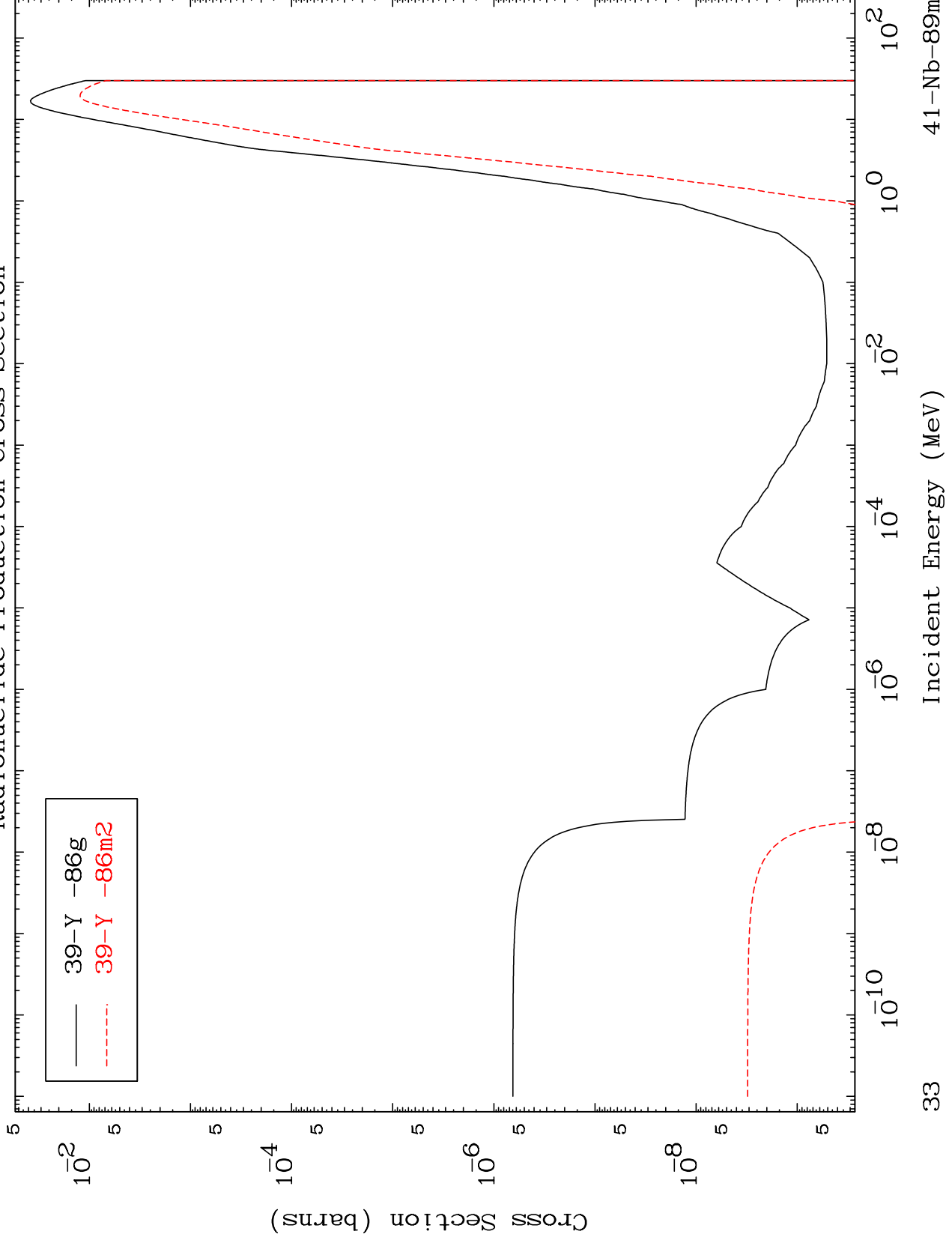
Incident Energy (MeV)

41-Nb-89m

MAT 4114

Radionuclide Production Cross Section
(n, α)

41-Nb-89m

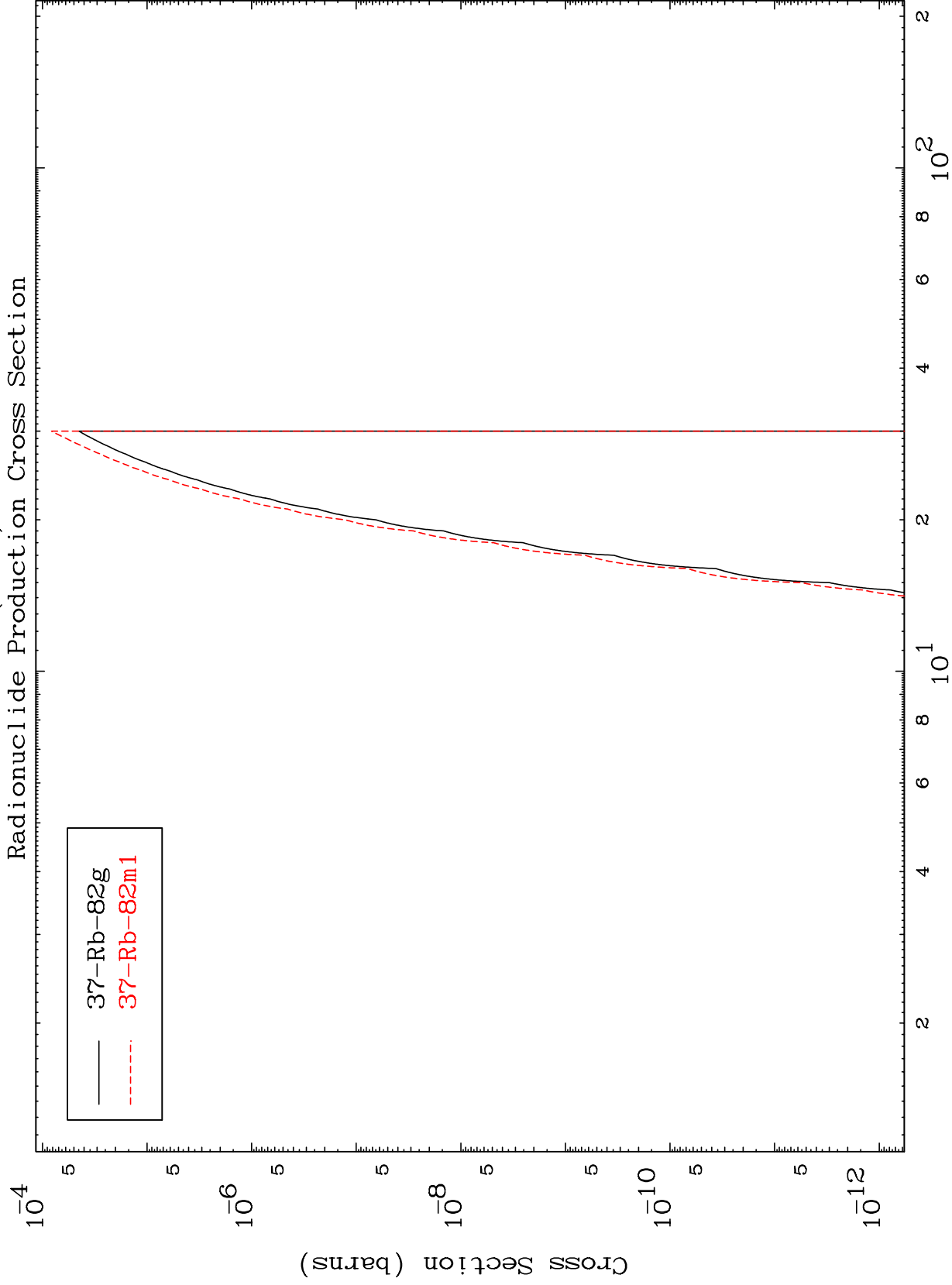


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(n,2α)

41-Nb-89m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

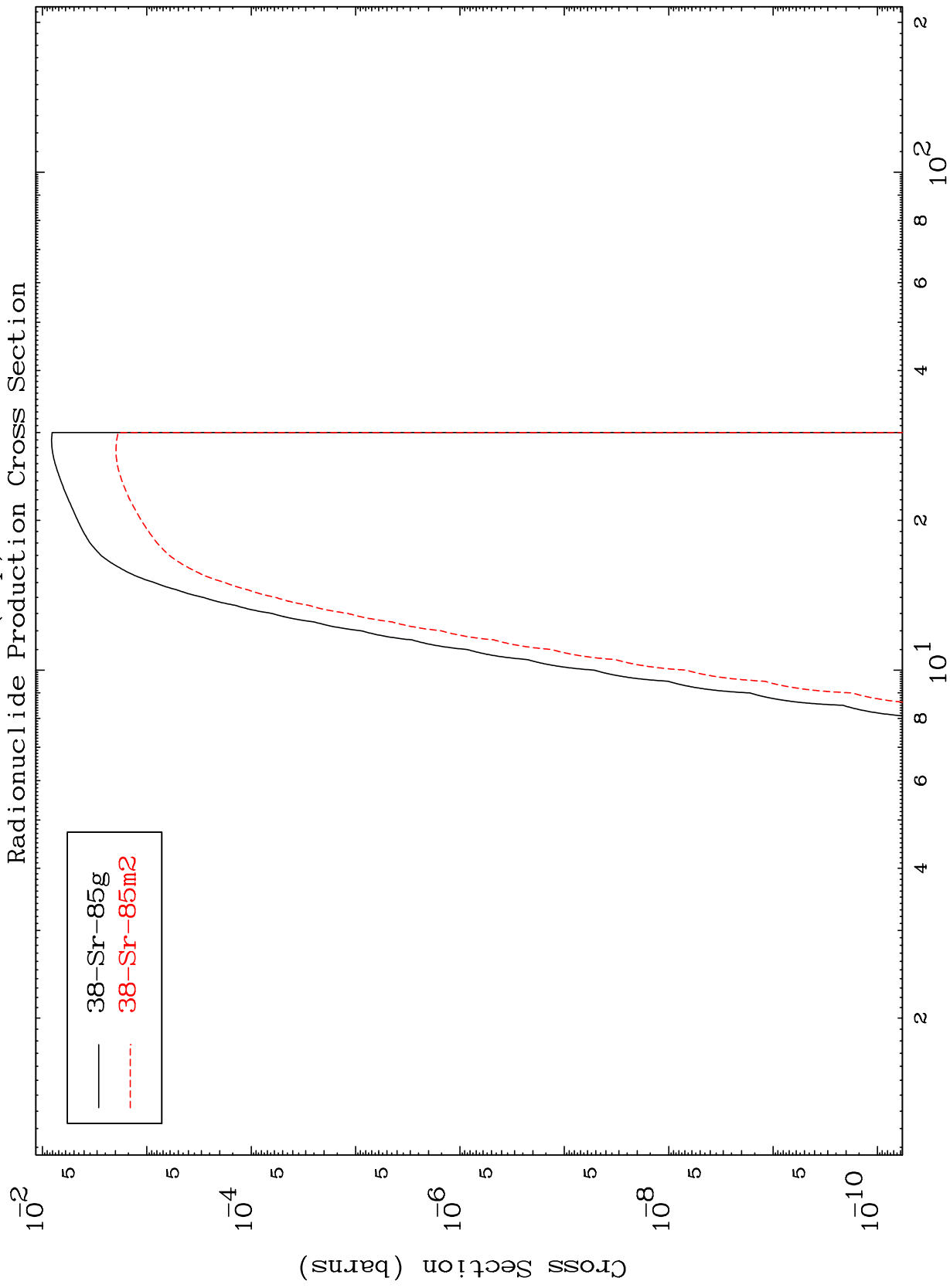
41-Nb-89m

MAT 4114

(n,p) α

41-Nb-89m

Radionuclide Production Cross Section



35

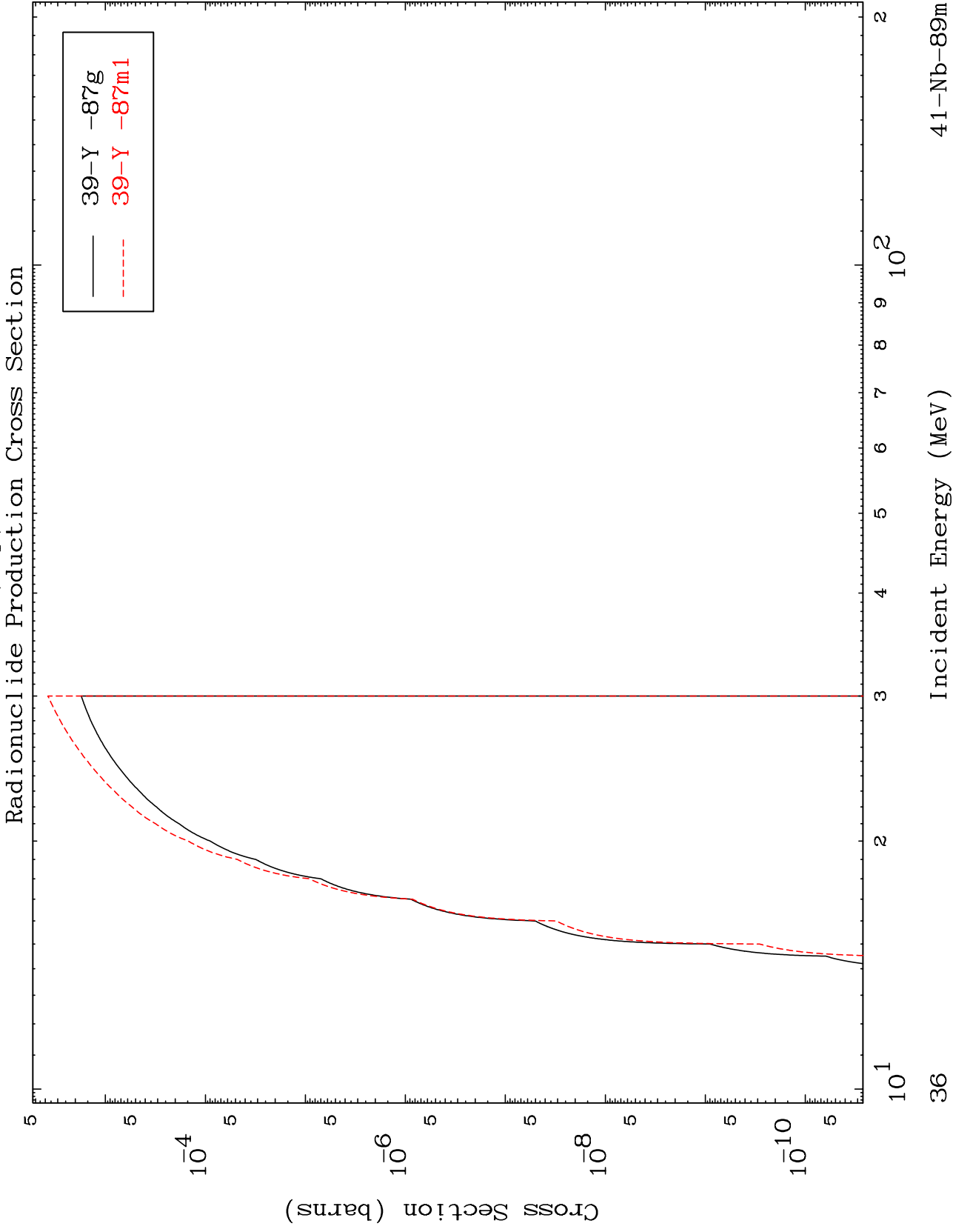
Incident Energy (MeV)

41-Nb-89m

MAT 4114

(n,p) d

41-Nb-89m



36

Incident Energy (MeV)

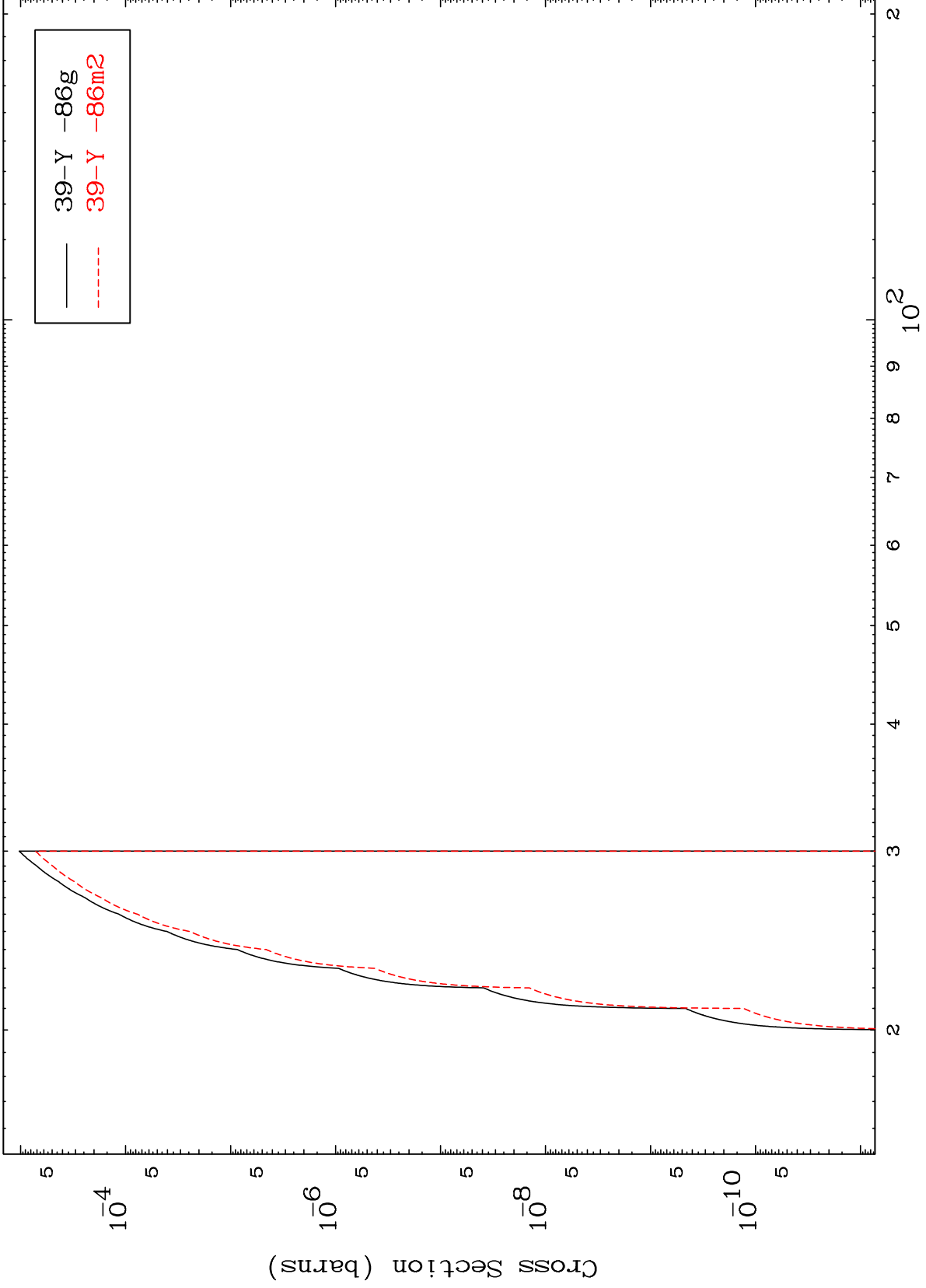
41-Nb-89m

MAT 4114

(n,p) t

41-Nb-89m

Radionuclide Production Cross Section



37

Incident Energy (MeV)

41-Nb-89m