

Program EVALPLOT
(Version 2021-1)

by

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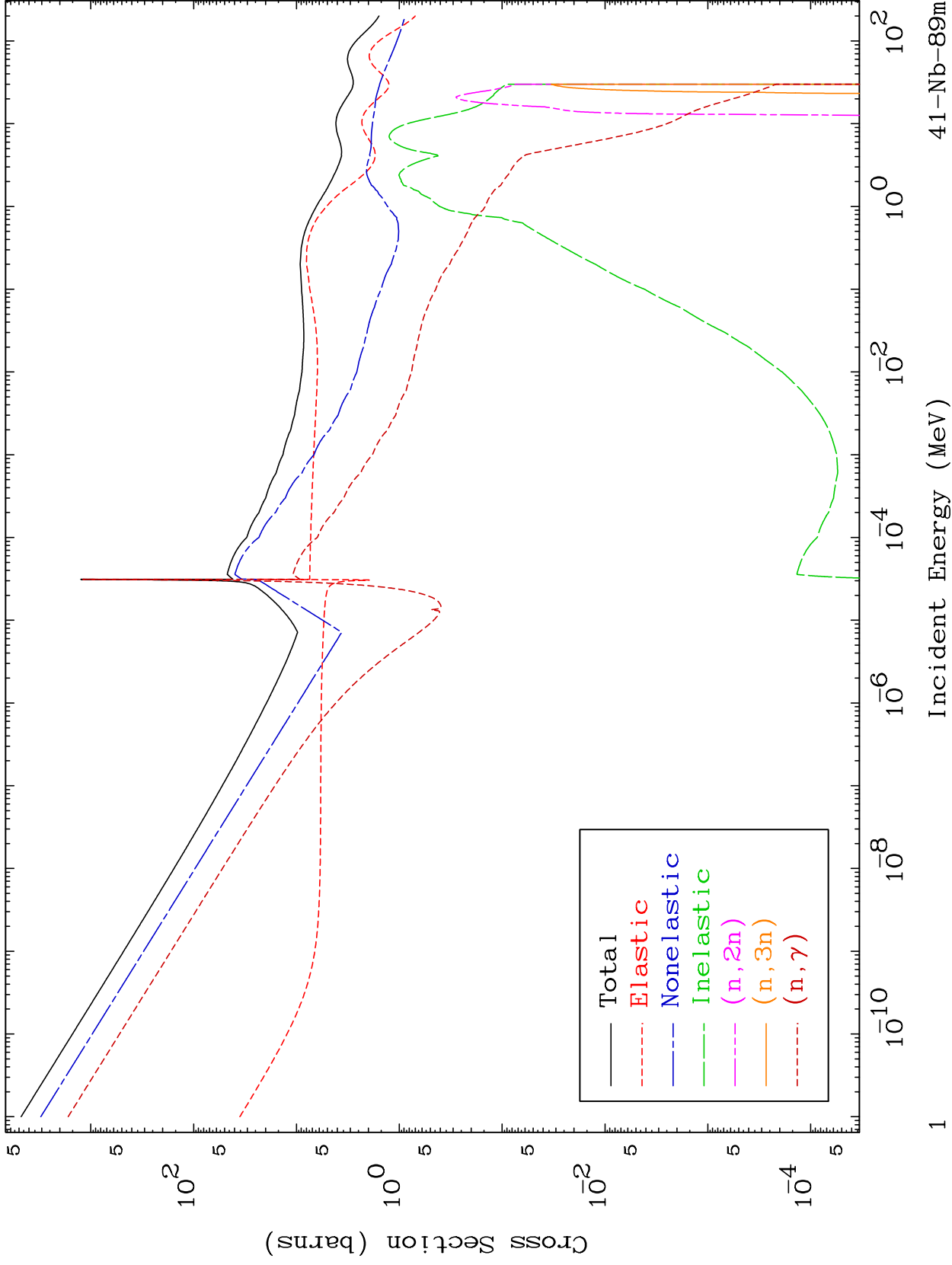
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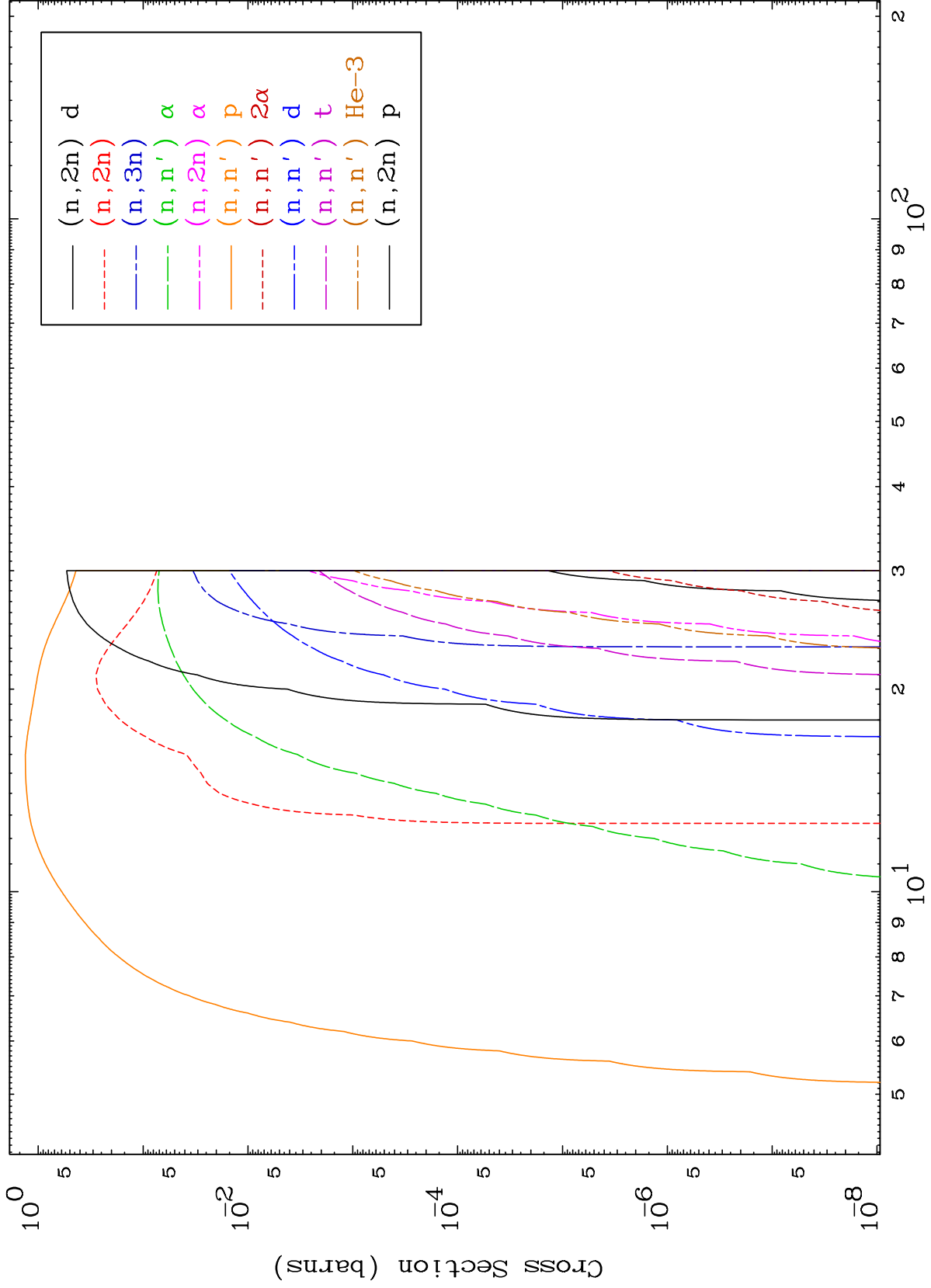
Press Mouse Button to Start

MAT 4114

Neutron Major
293 Kelvin Cross Sections

41-Nb-89m

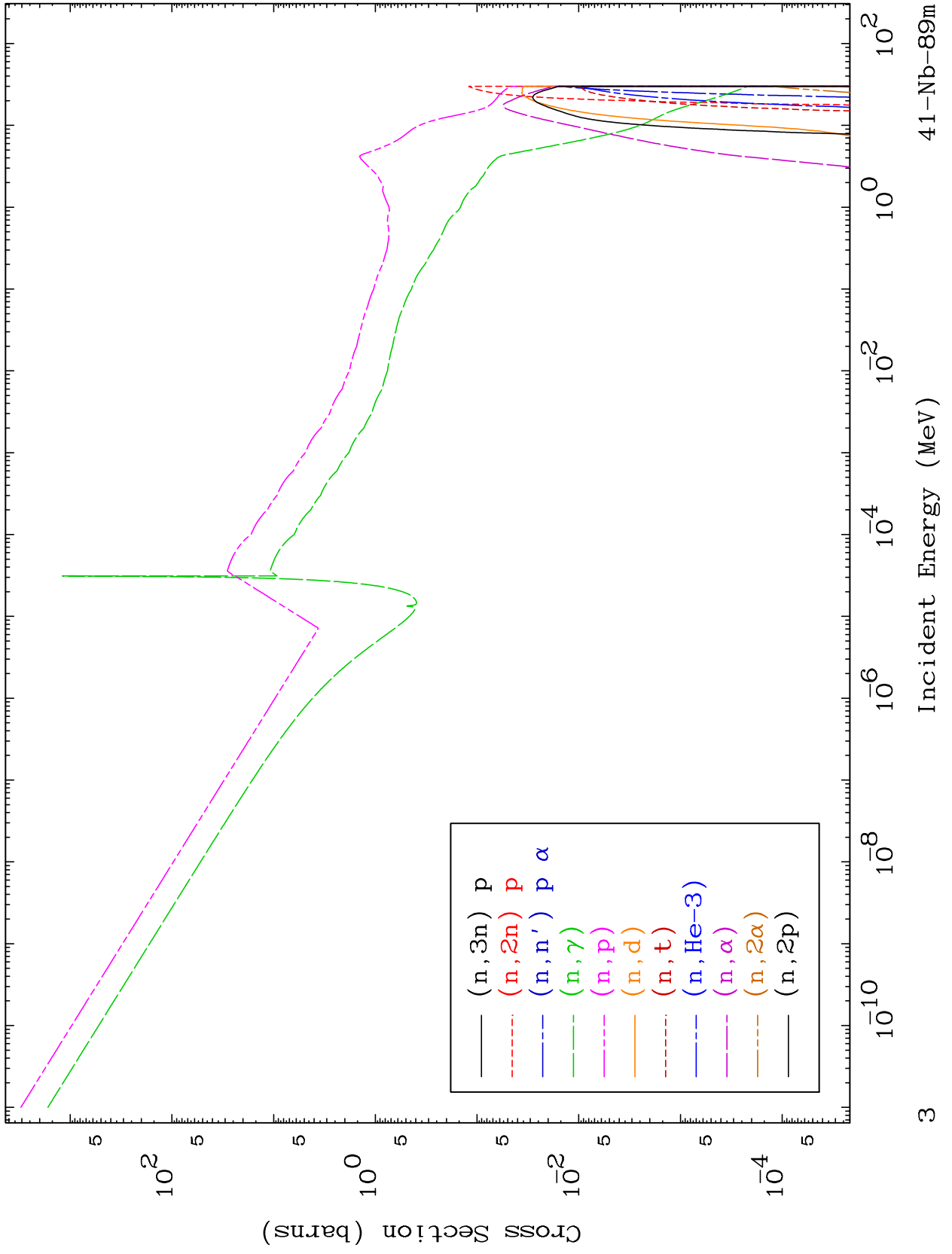




MAT 4114

Neutron Absorption
293 Kelvin Cross Sections

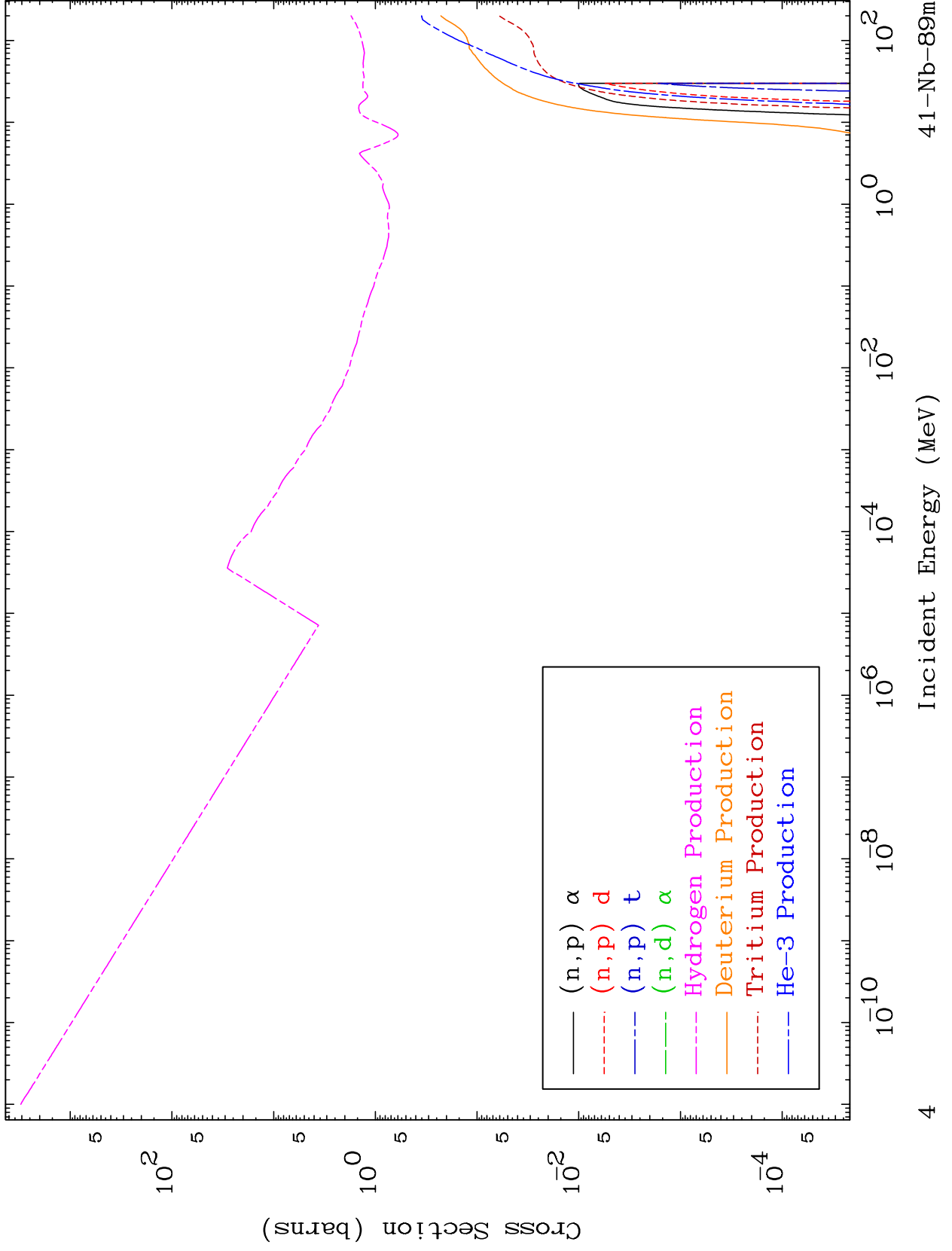
41-Nb-89m



MAT 4114

Neutron Absorption
293 Kelvin Cross Sections

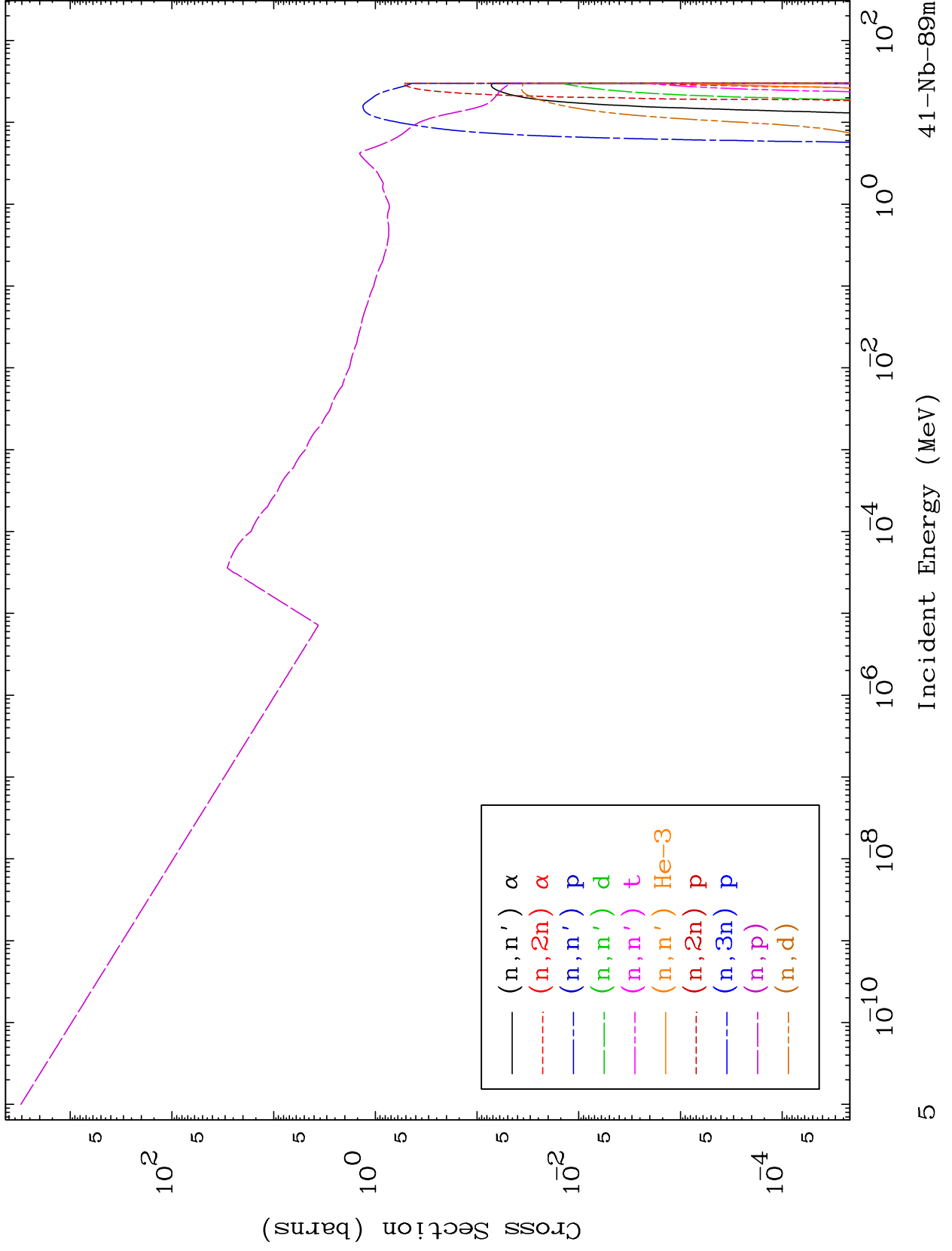
41-Nb-89m



MAT 4114

Charged Particle
293 Kelvin Cross Sections

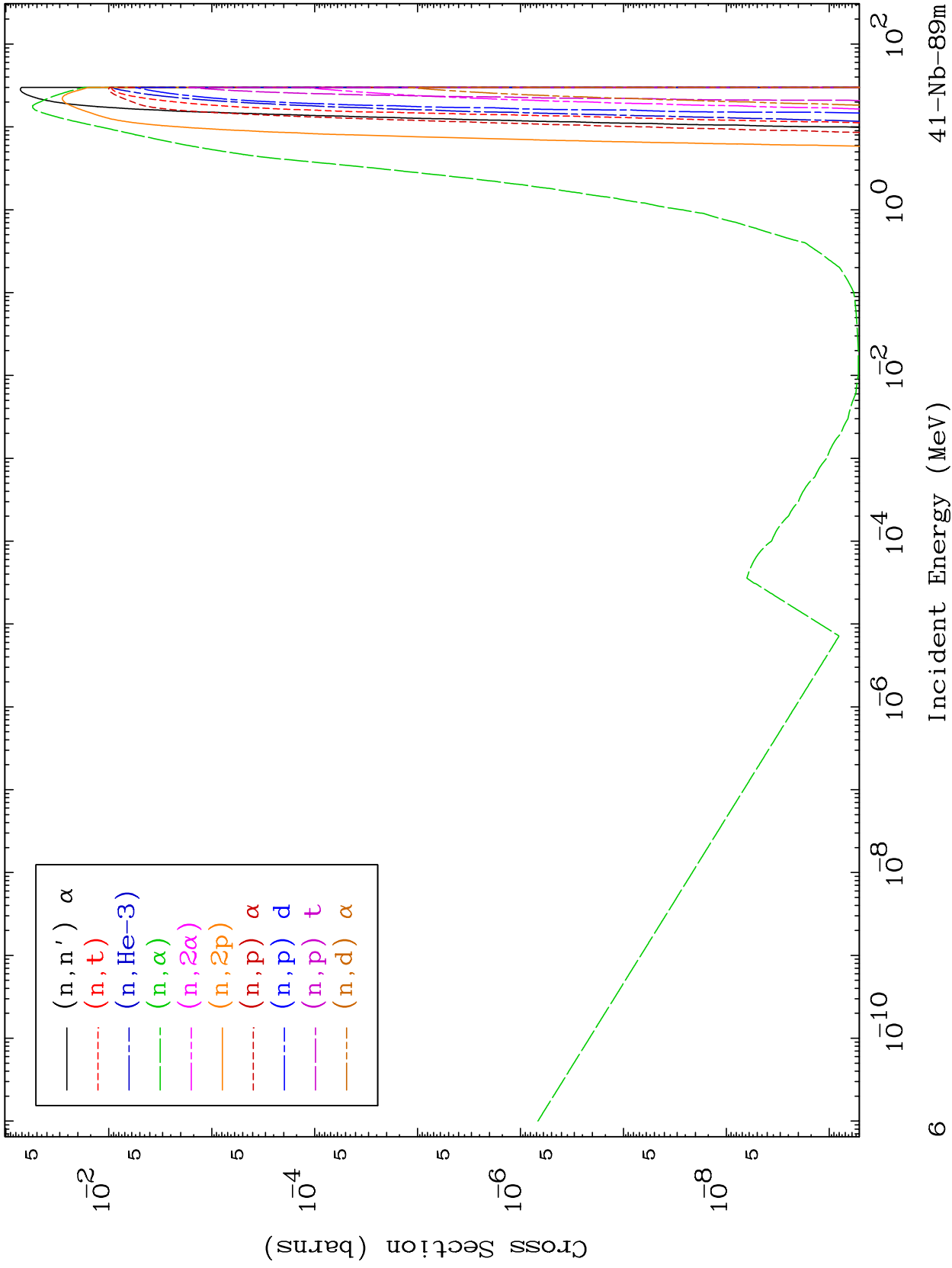
41-Nb-89m



MAT 4114

Charged Particle
293 Kelvin Cross Sections

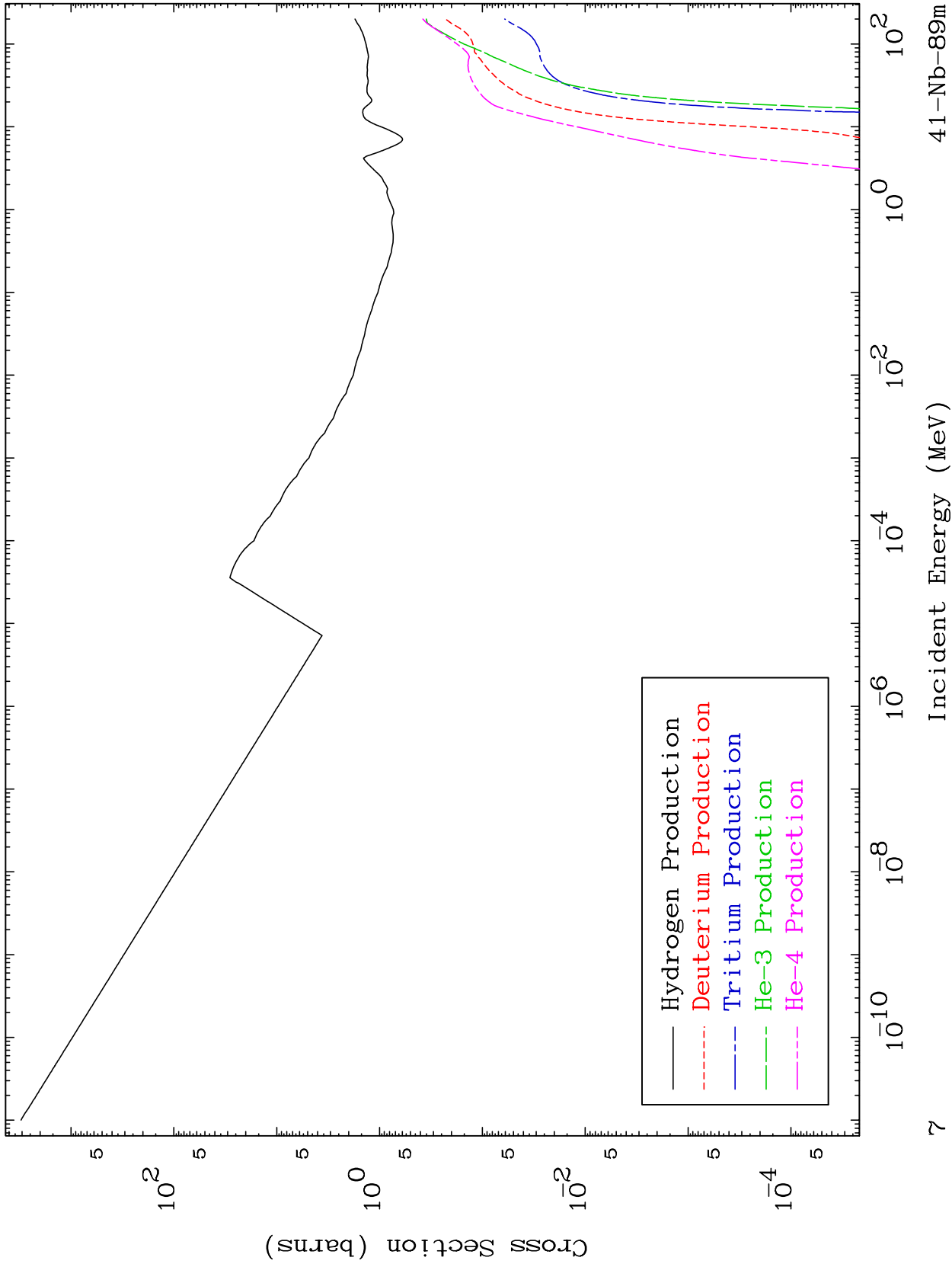
41-Nb-89m



MAT 4114

Particle Production
293 Kelvin Cross Sections

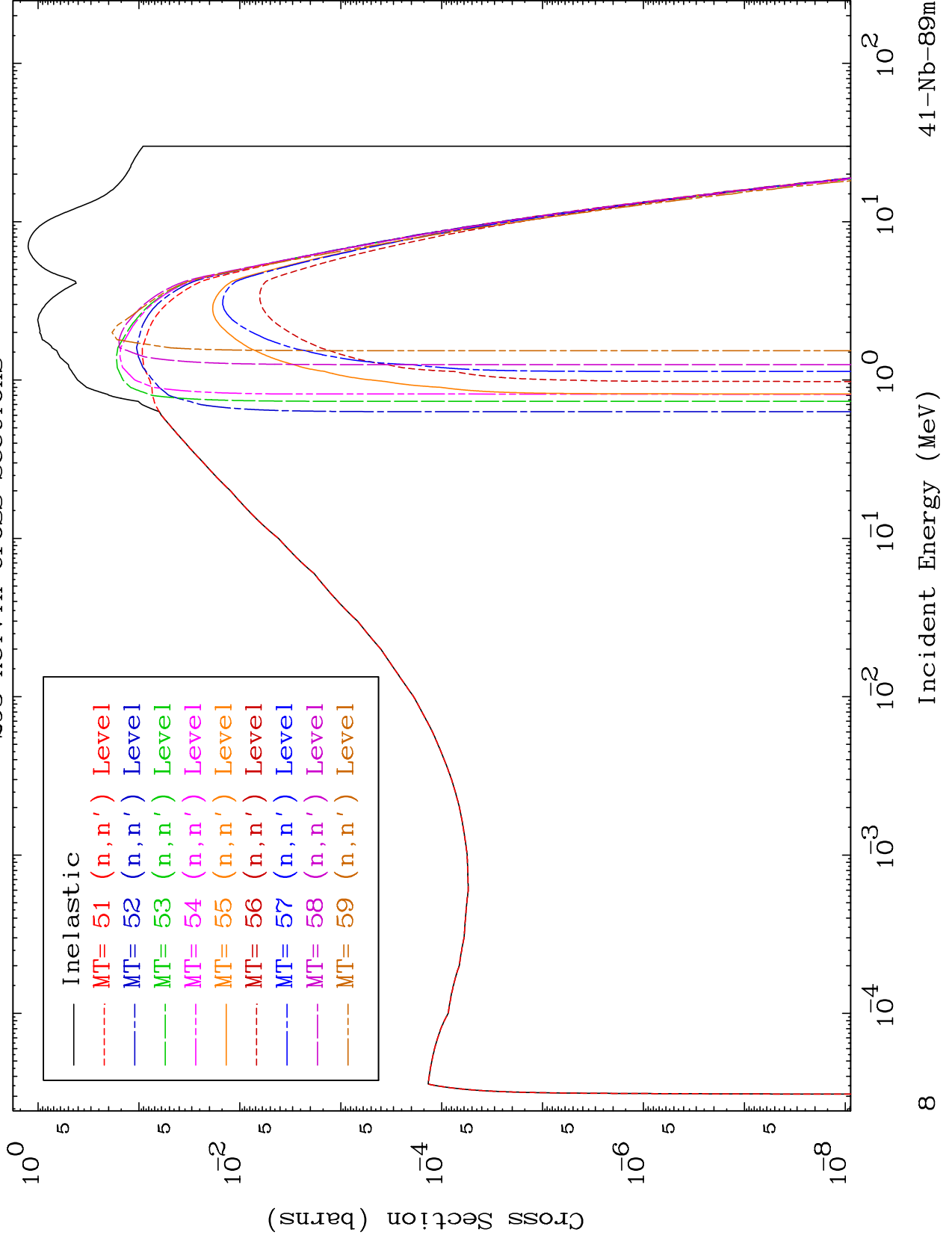
41-Nb-89m



MAT 4114

293 Kelvin Cross Sections
(n,n') Levels

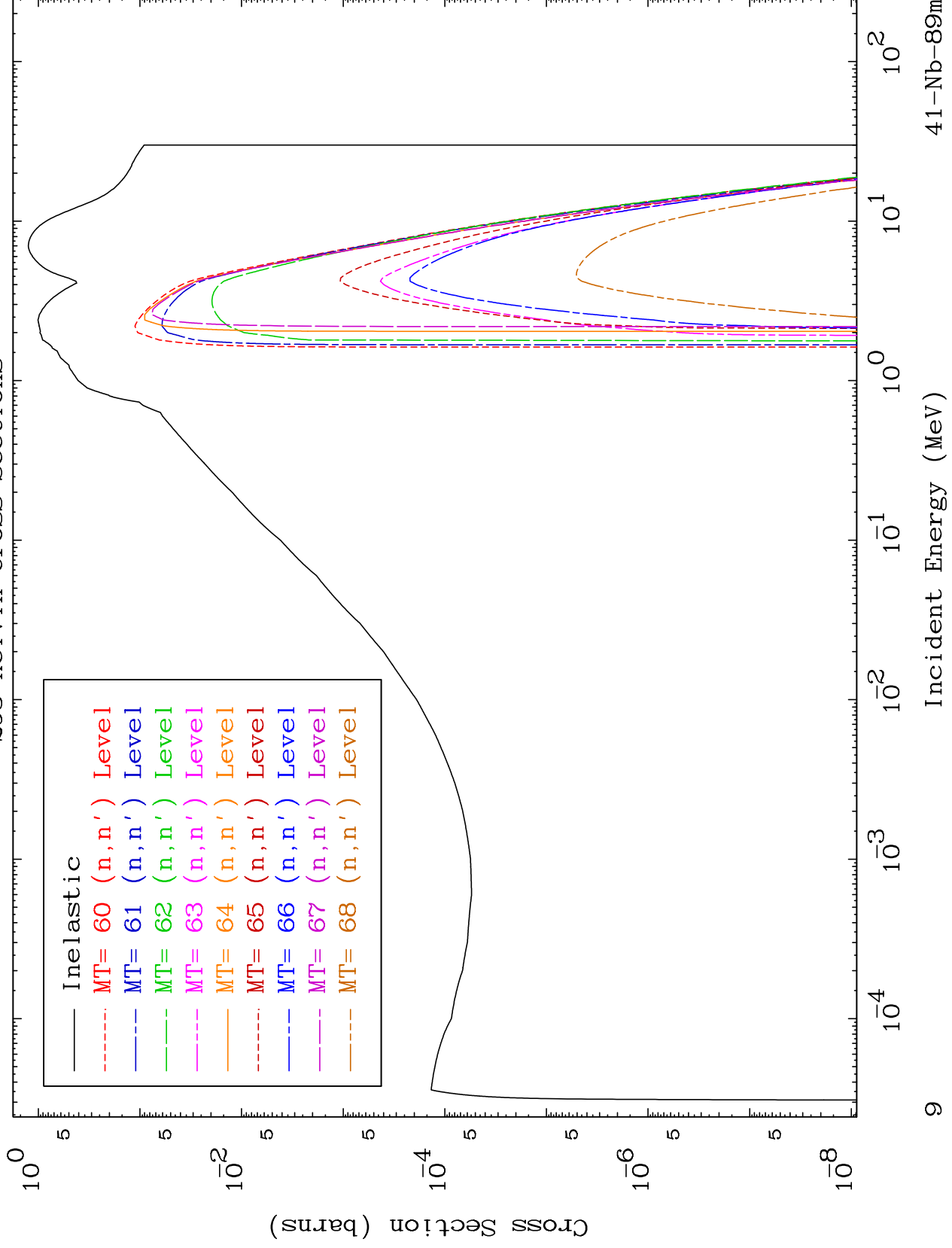
41-Nb-89m



MAT 4114

(n,n') Levels
293 Kelvin Cross Sections

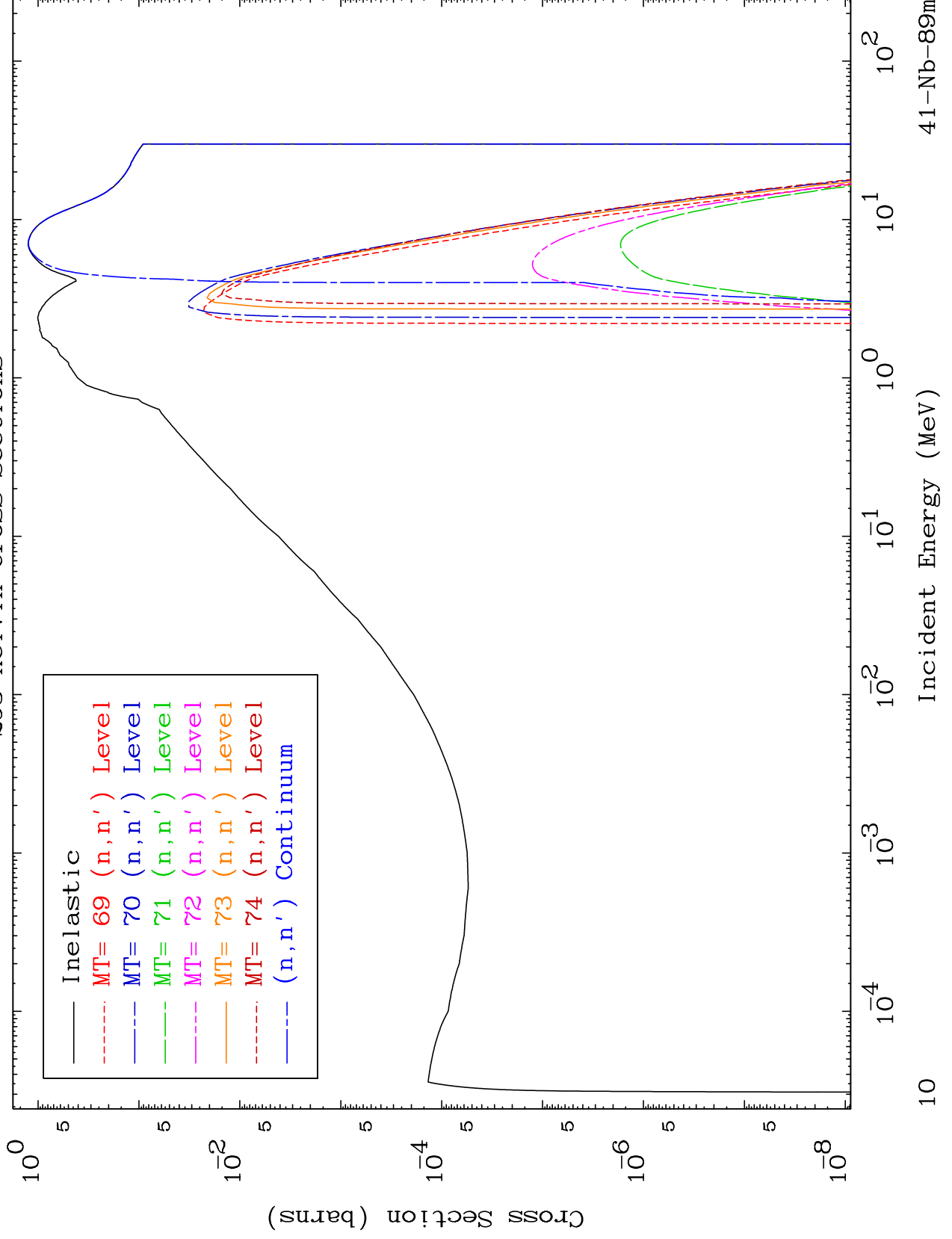
41-Nb-89m



MAT 4114

(n,n') Levels
293 Kelvin Cross Sections

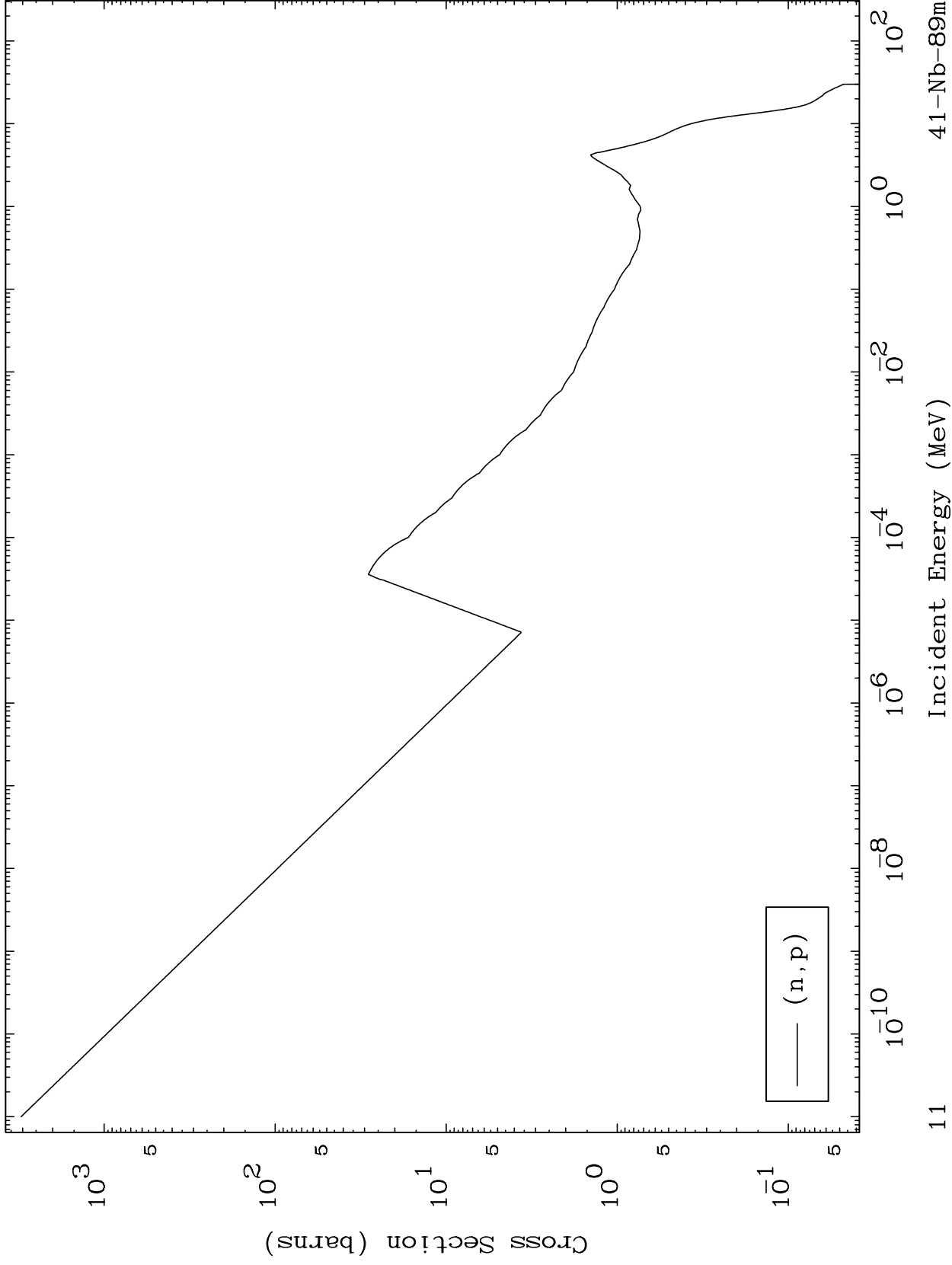
41-Nb-89m



MAT 4114

(n,p) Levels
293 Kelvin Cross Sections

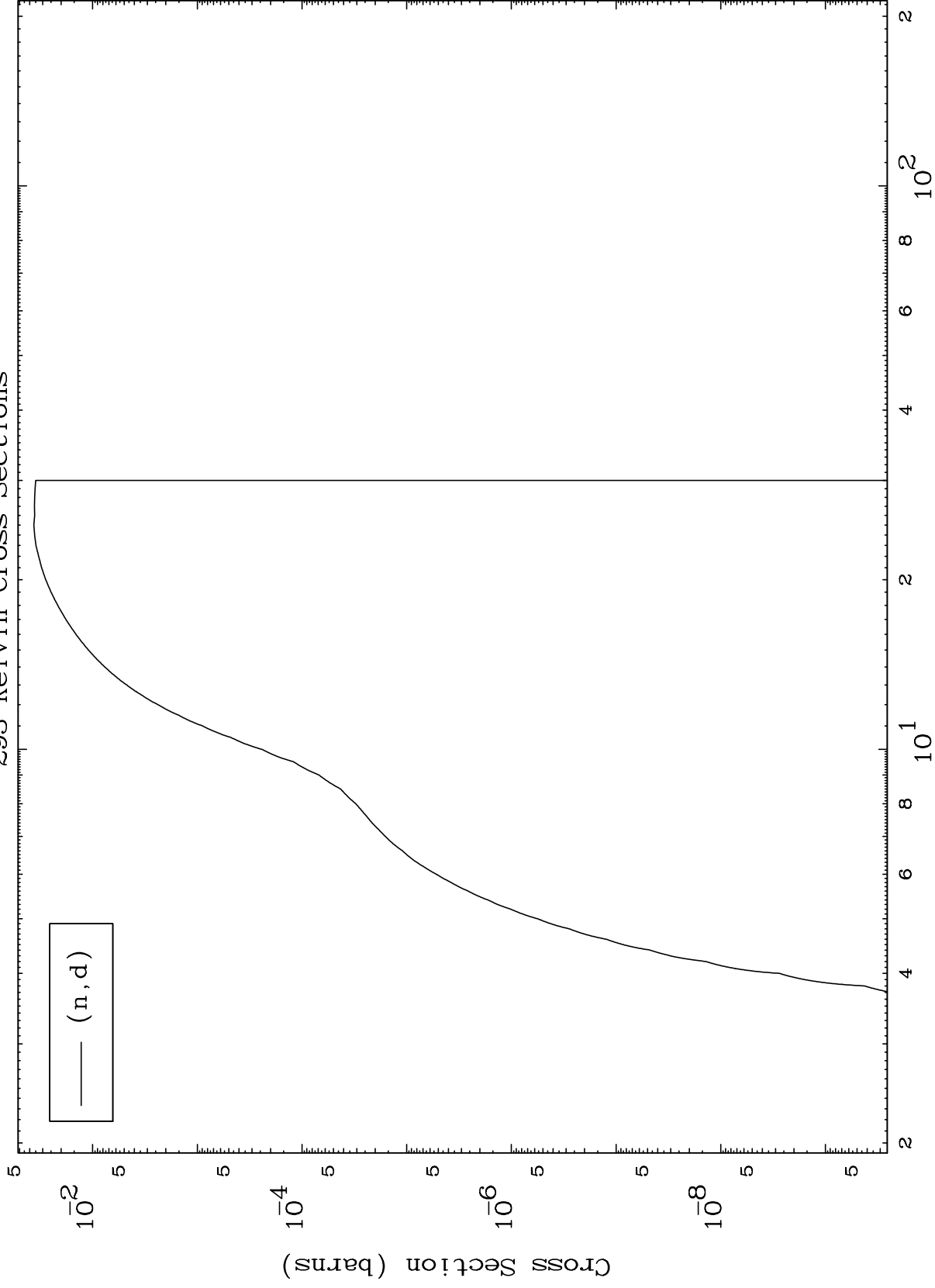
41-Nb-89m



MAT 4114

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-89m



12

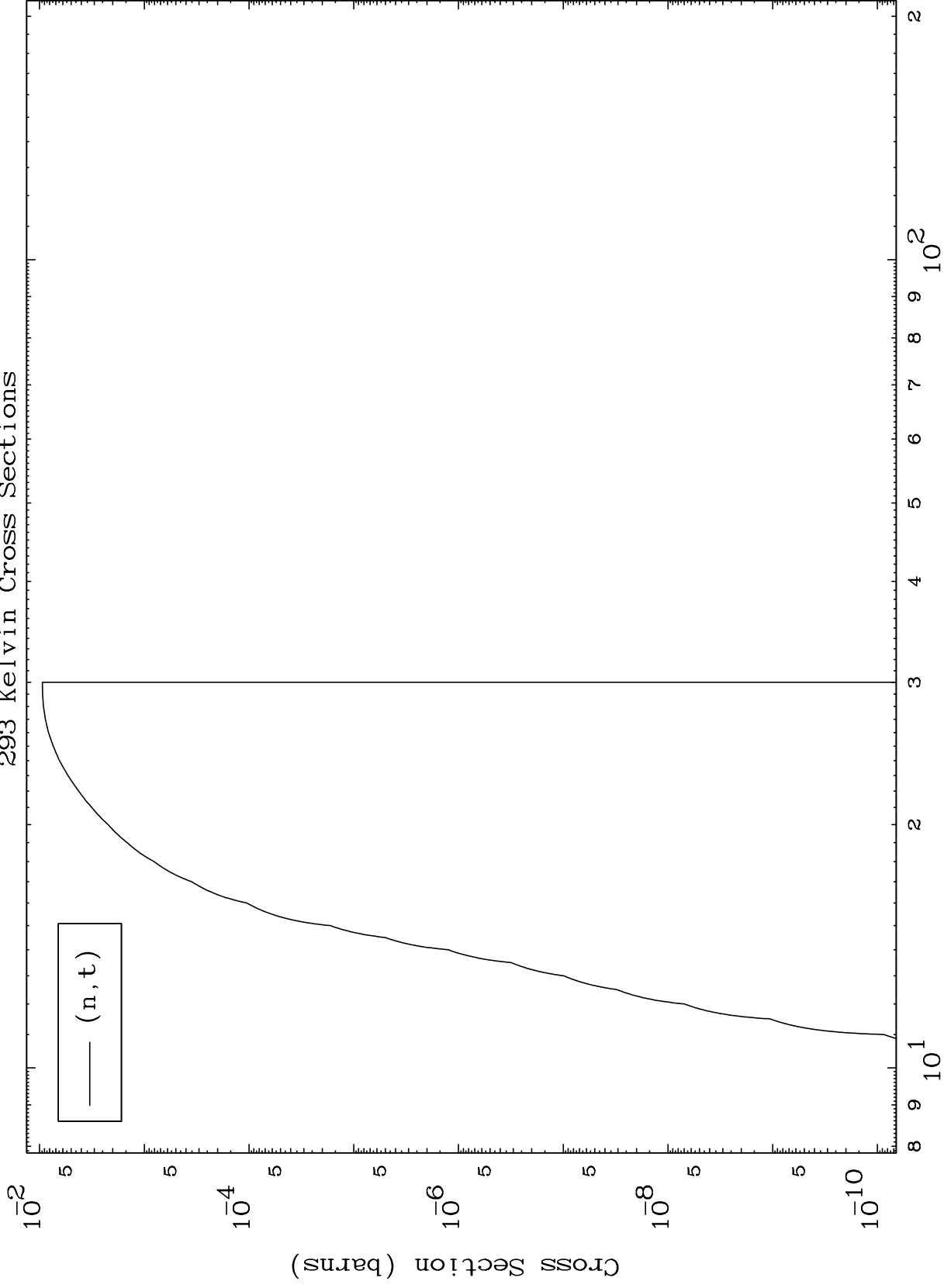
Incident Energy (MeV)

41-Nb-89m

MAT 4114

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-89m



13

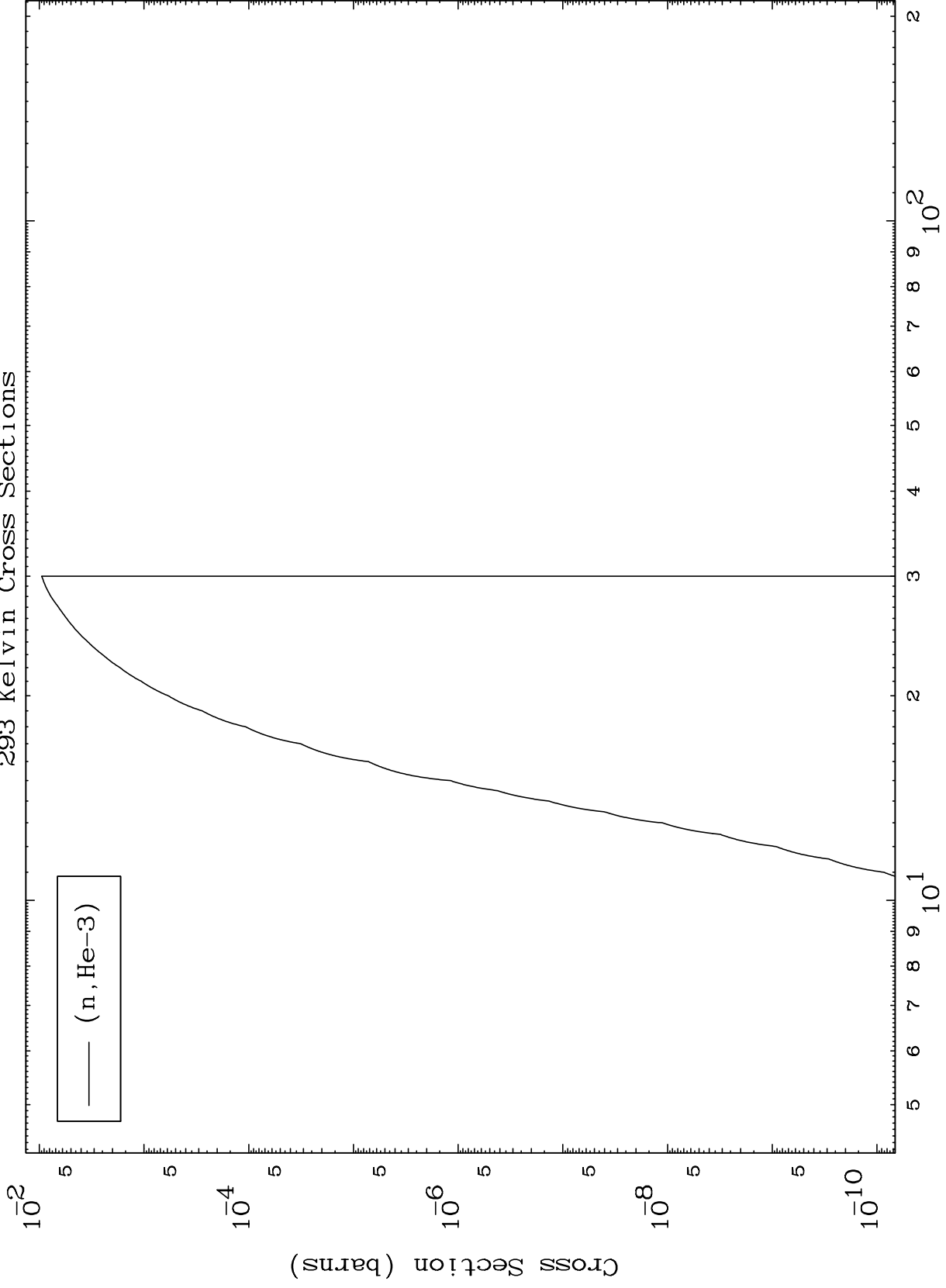
Incident Energy (MeV)

41-Nb-89m

MAT 4114

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-89m



14

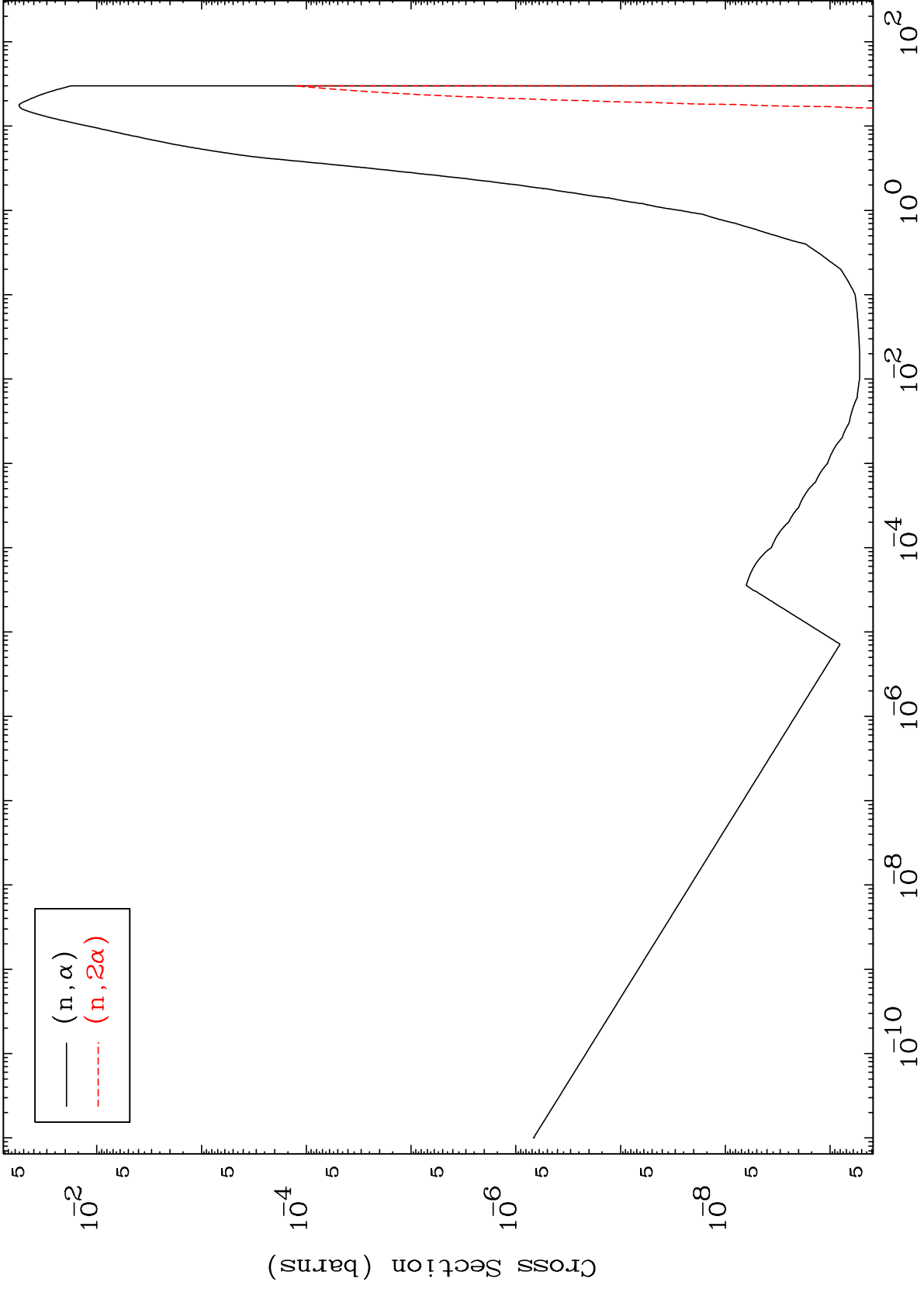
Incident Energy (MeV)

41-Nb-89m

MAT 4114

(n, α) Levels
293 Kelvin Cross Sections

41-Nb-89m



15

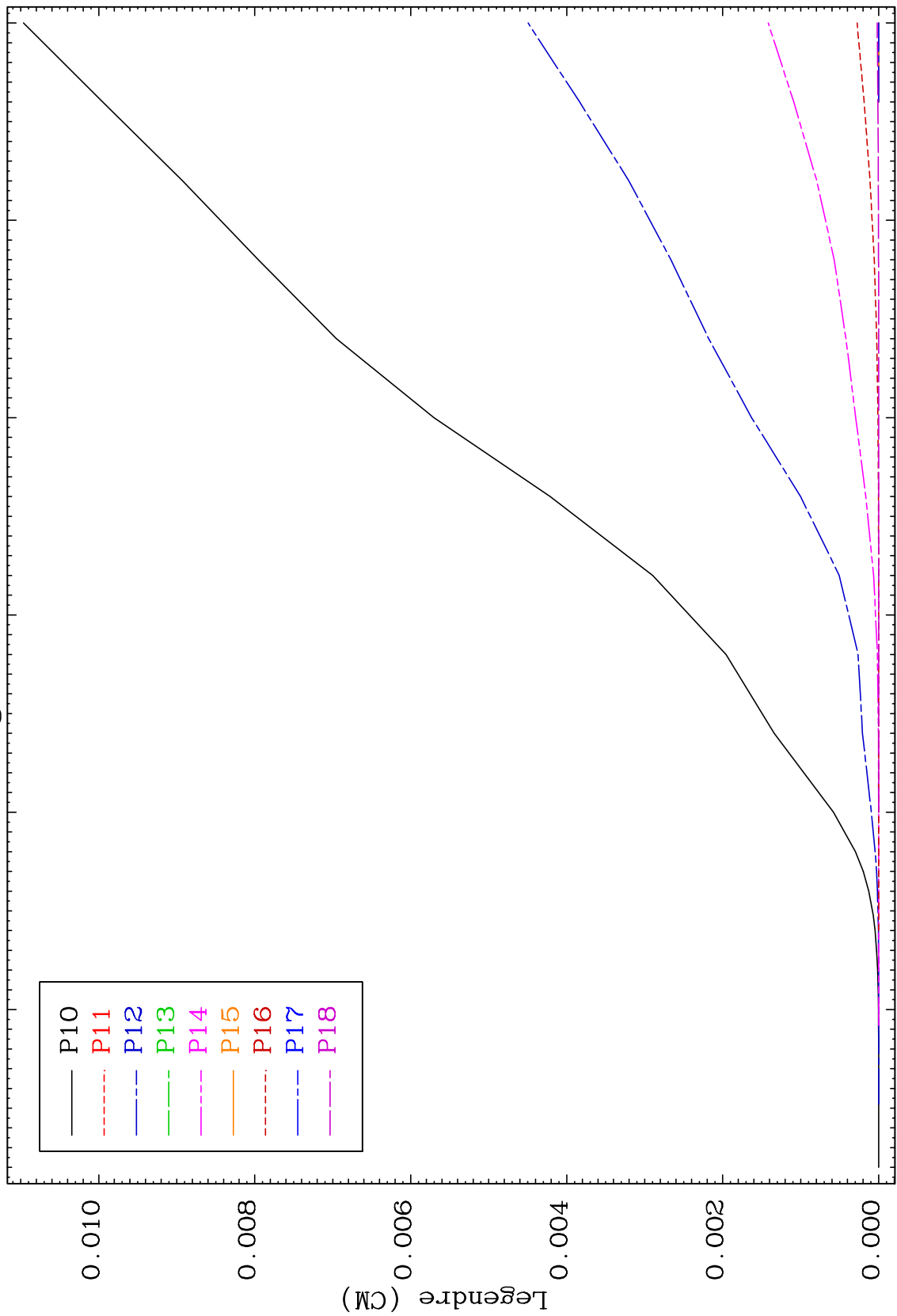
Incident Energy (MeV)

41-Nb-89m

MAT 4114

Elastic Legendre Coefficients

41-Nb-89m



17

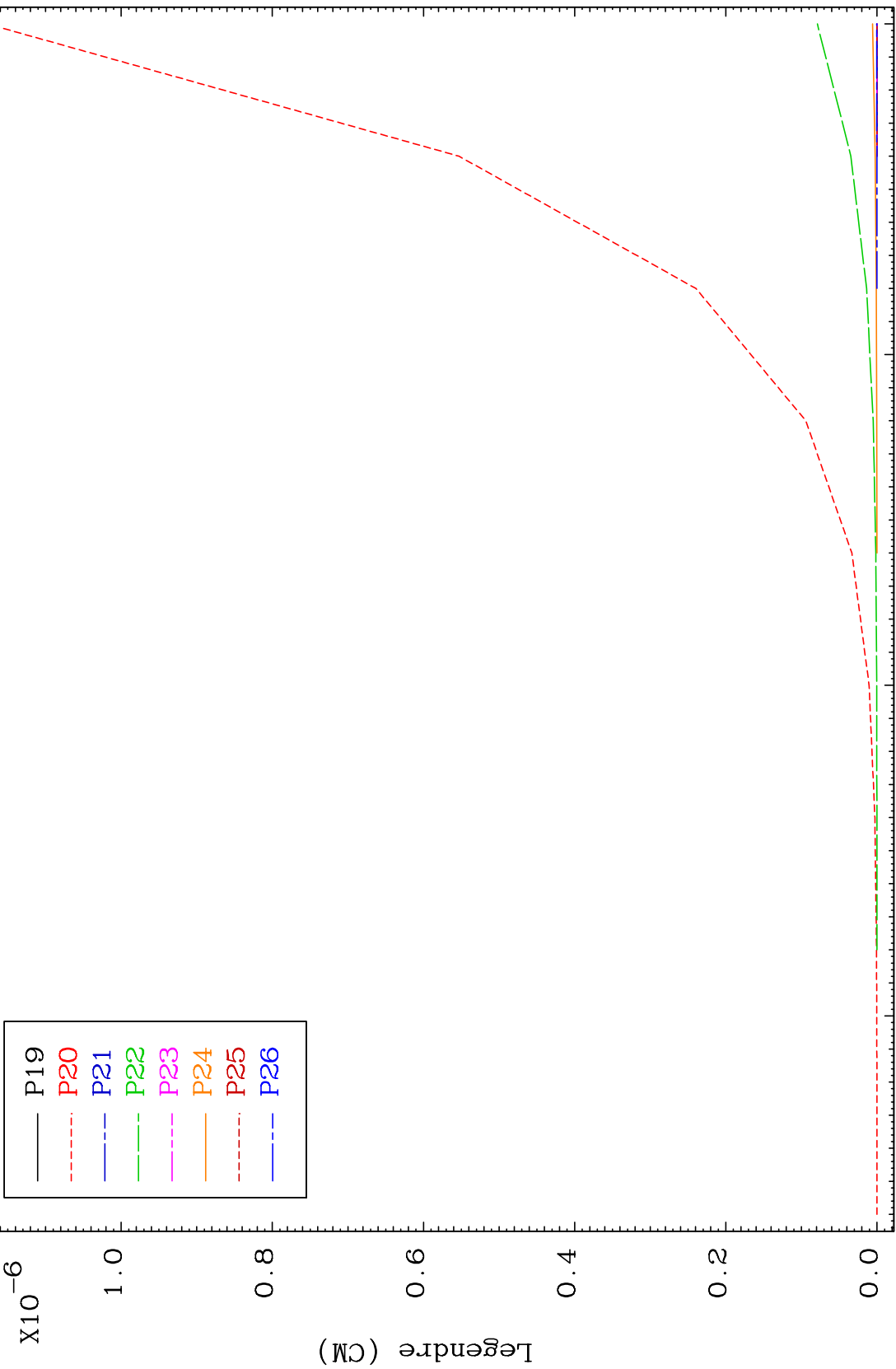
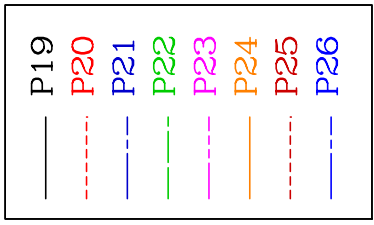
41-Nb-89m

Incident Energy (MeV)

MAT 4114

Elastic Legendre Coefficients

41-Nb-89m



18

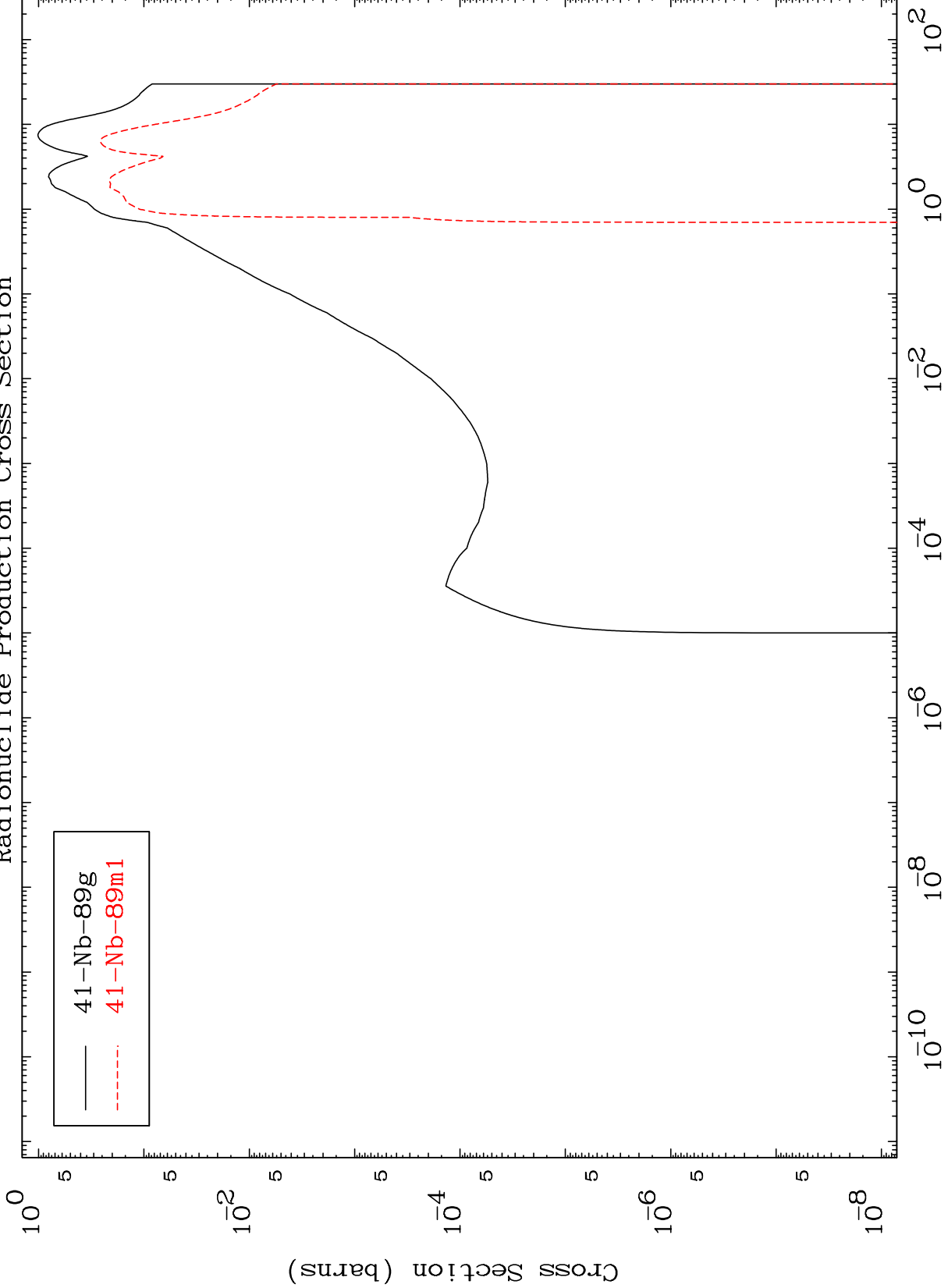
Incident Energy (MeV)

41-Nb-89m

MAT 4114

Inelastic
Radionuclide Production Cross Section

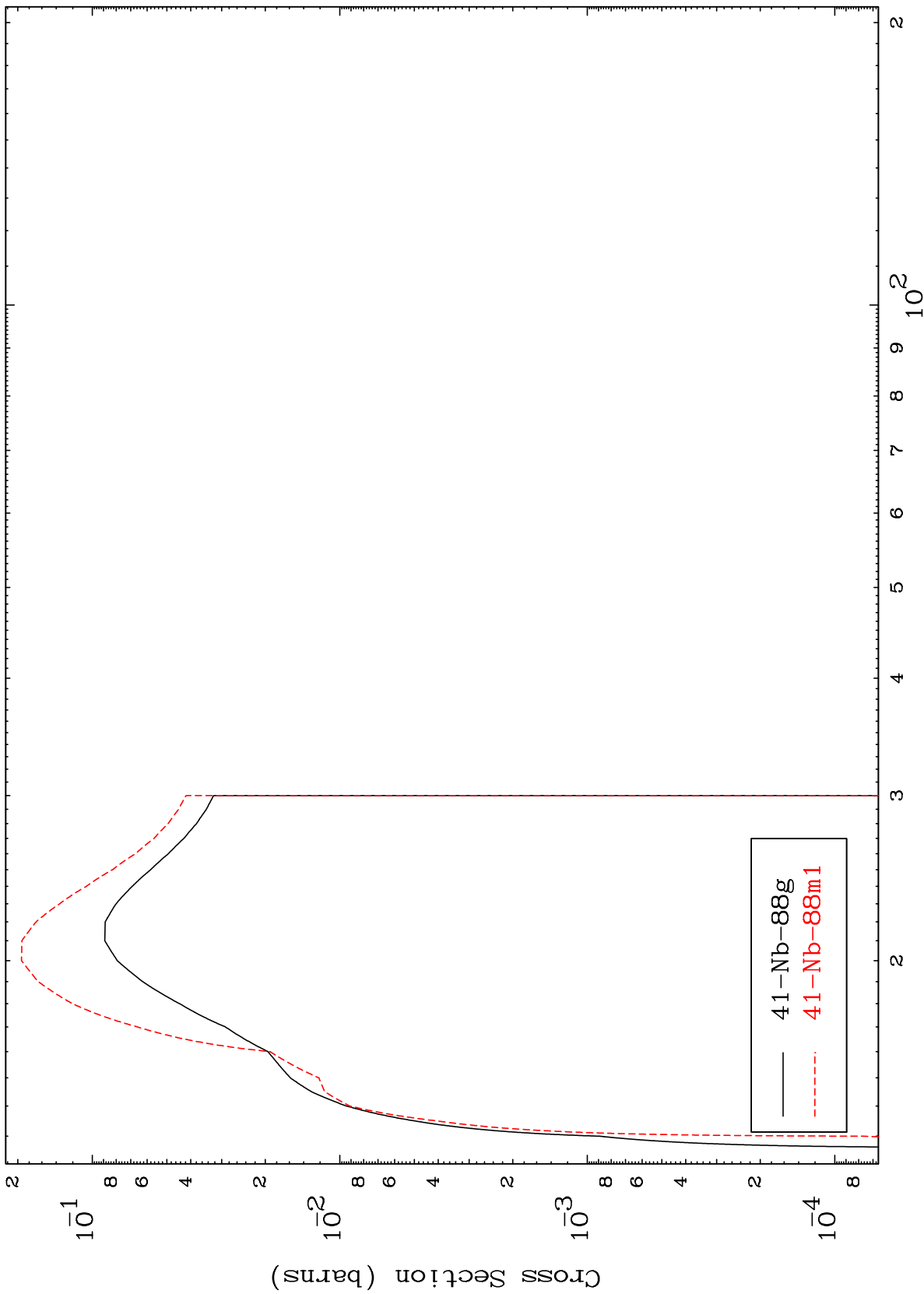
41-Nb-89m



MAT 4114

41-Nb-89m

Radionuclide Production Cross Section



41-Nb-89m

Incident Energy (MeV)

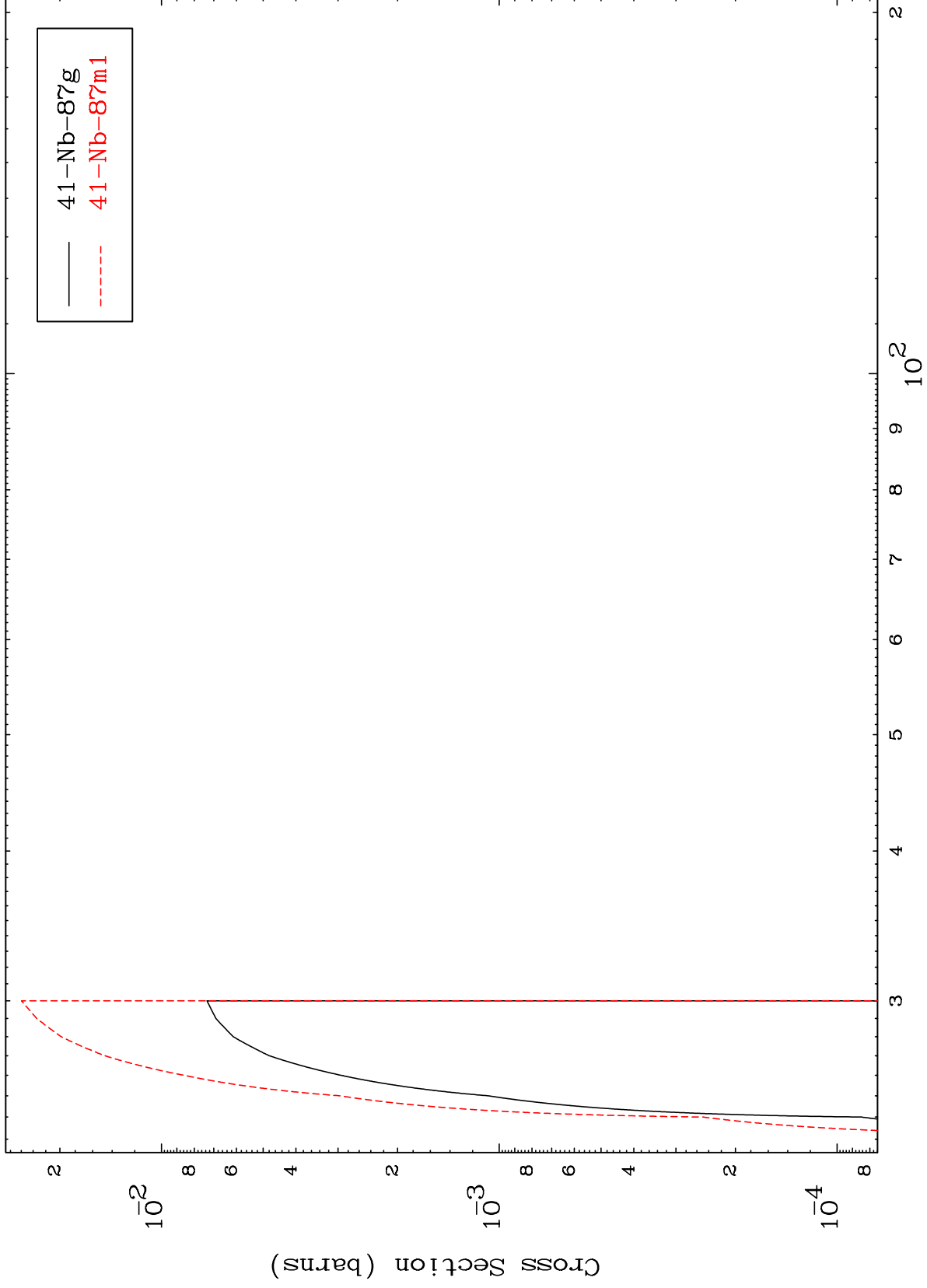
20

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(n,3n)

41-Nb-89m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

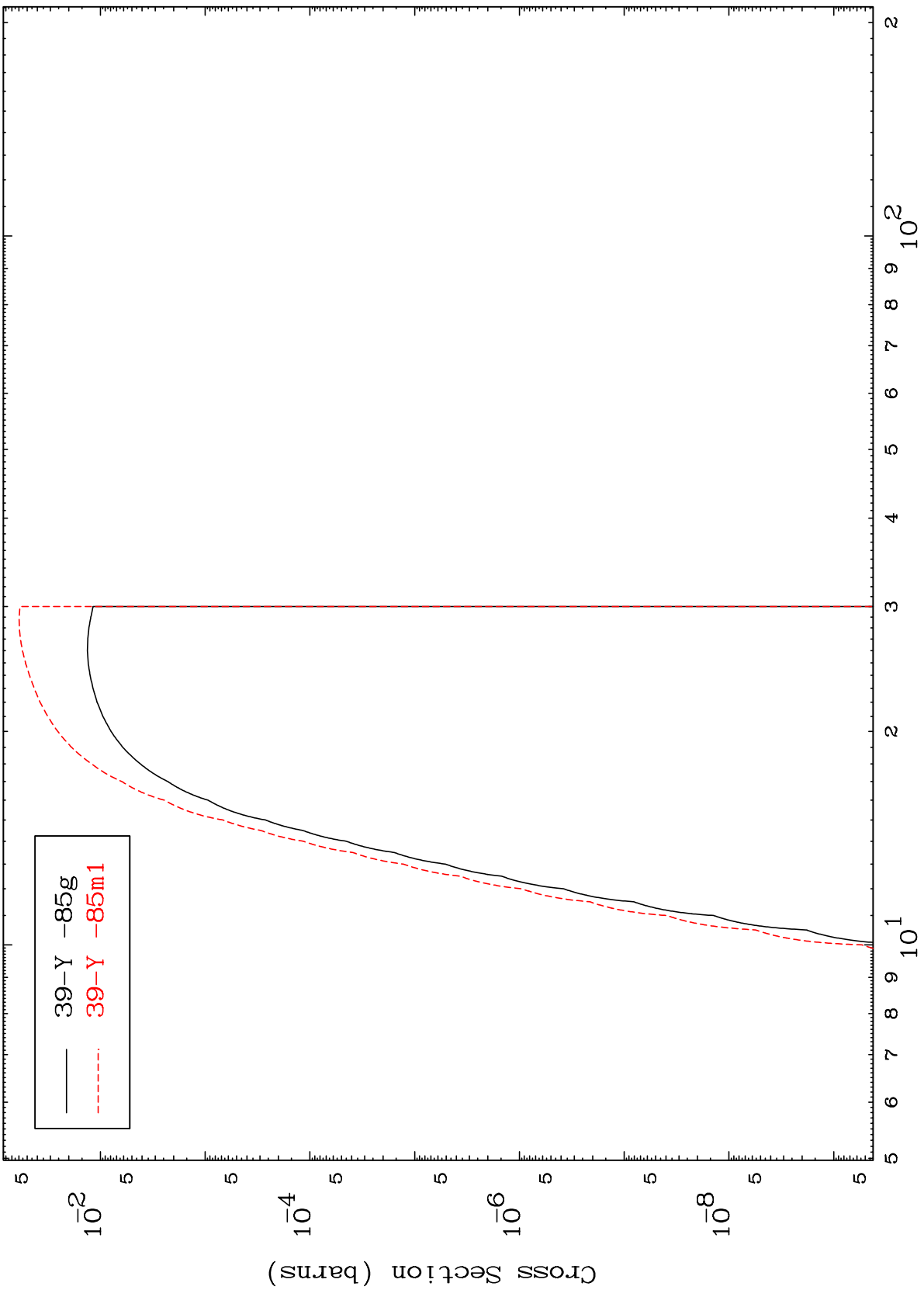
41-Nb-89m

MAT 4114

41-Nb-89m

(n,n') α

Radionuclide Production Cross Section



22

Incident Energy (MeV)

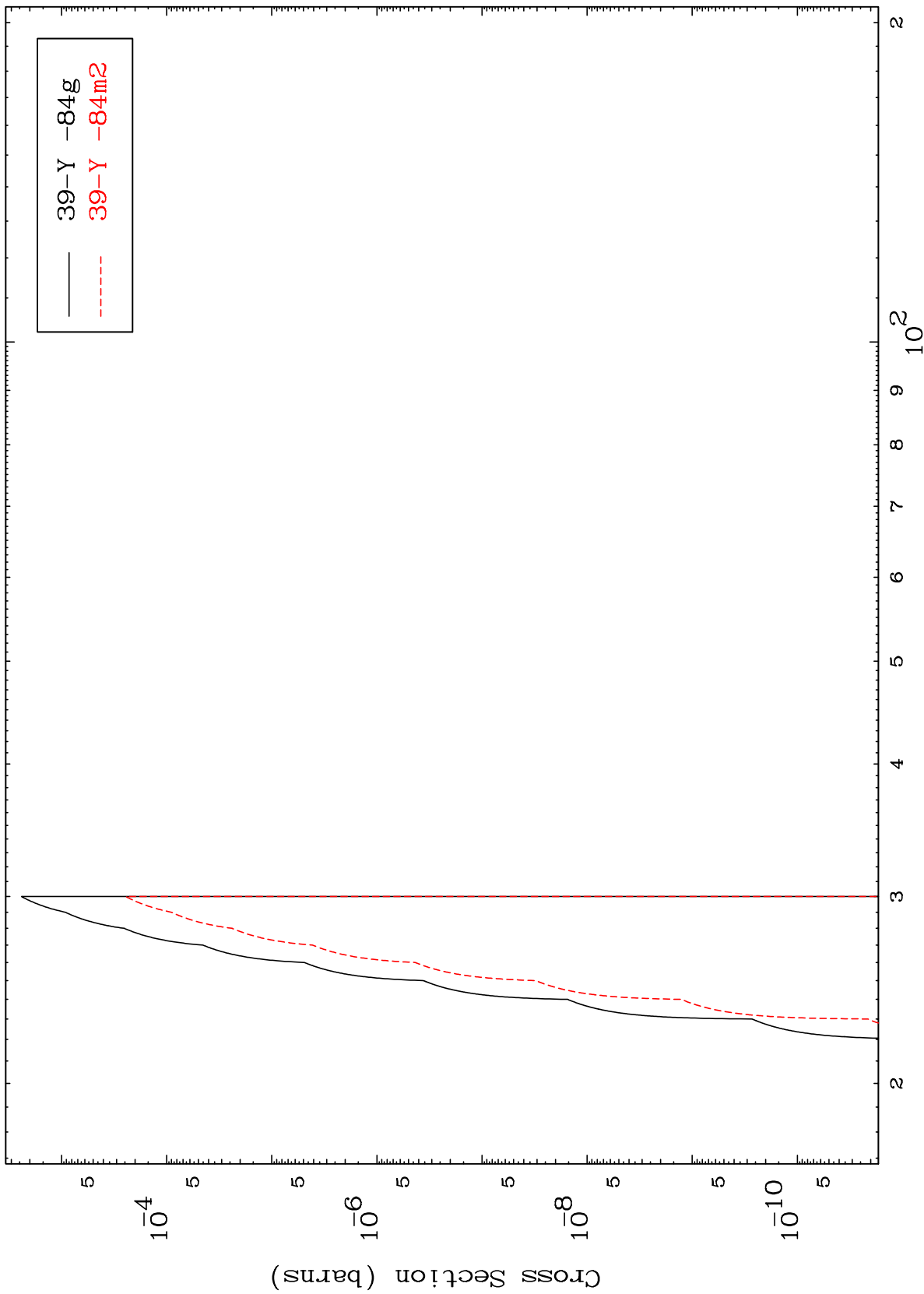
41-Nb-89m

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(n,2n) α

41-Nb-89m

Radionuclide Production Cross Section



39-Y -84g
39-Y -84m2

23

Incident Energy (MeV)

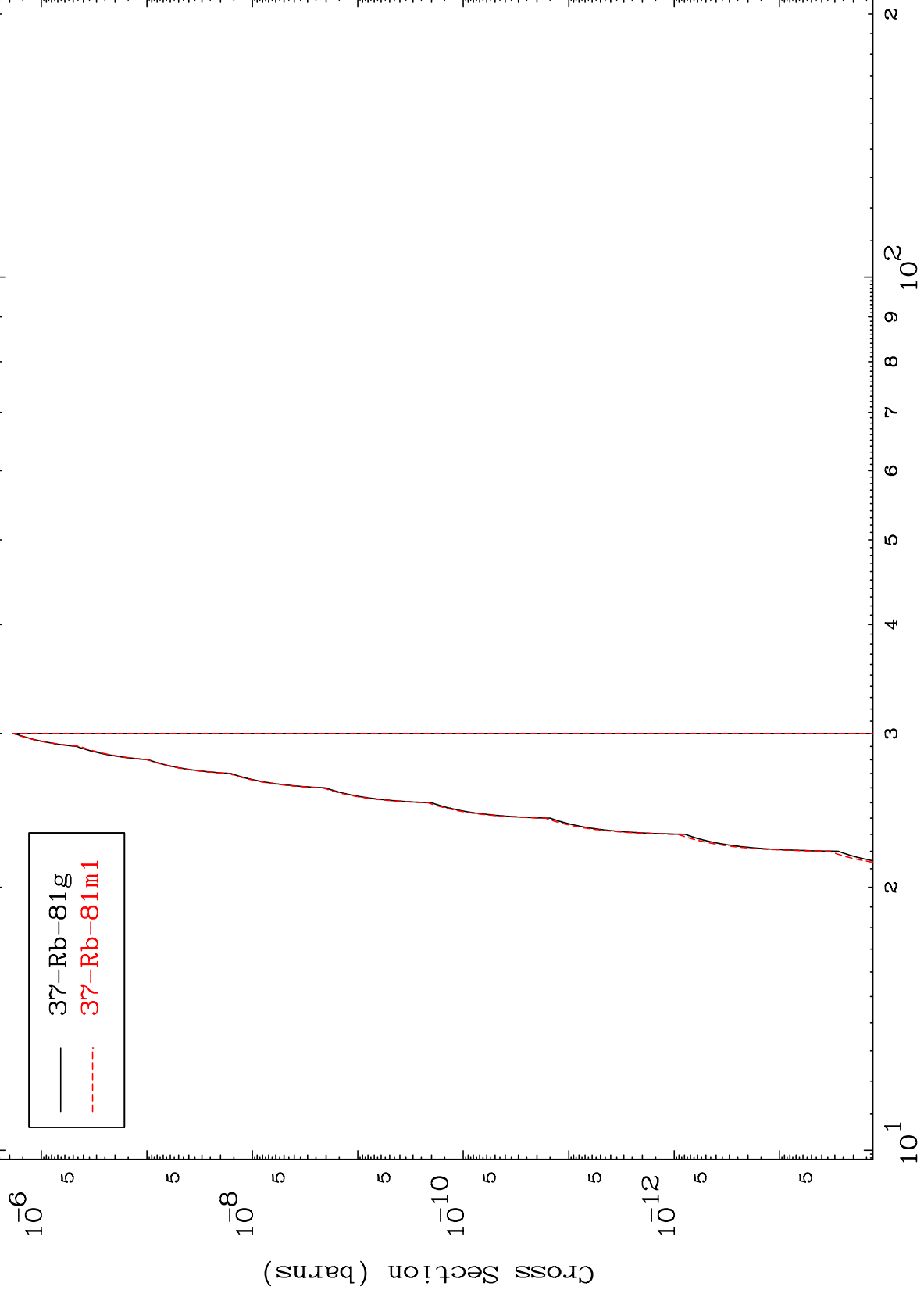
41-Nb-89m

MAT 4114

(n,n') 2α

41-Nb-89m

Radionuclide Production Cross Section



— 37-Rb-81g
- - - 37-Rb-81m1

Incident Energy (MeV)

41-Nb-89m

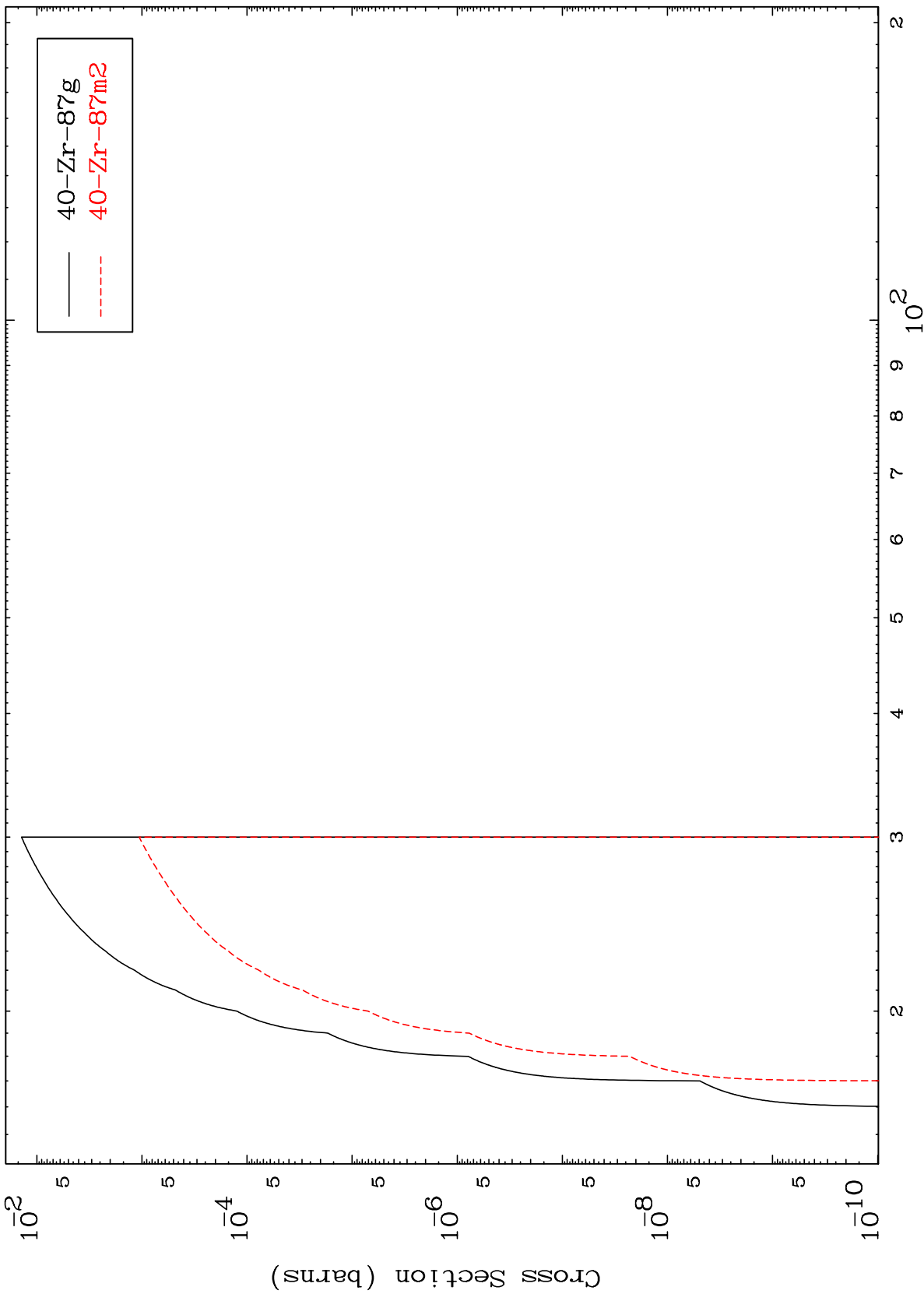
24

MAT 4114

(n,n') d

41-Nb-89m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

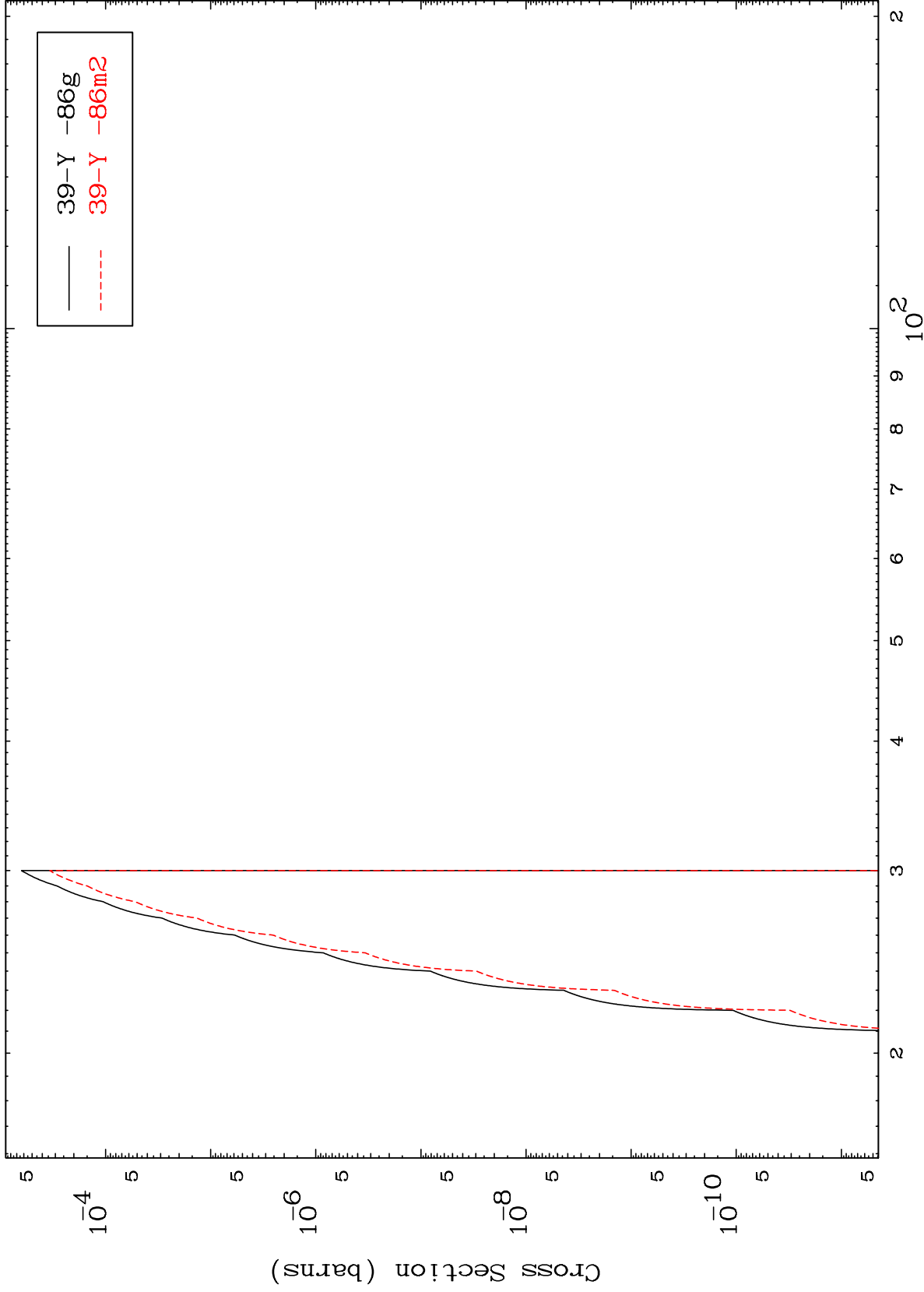
41-Nb-89m

MAT 4114

(n,n') He-3

41-Nb-89m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

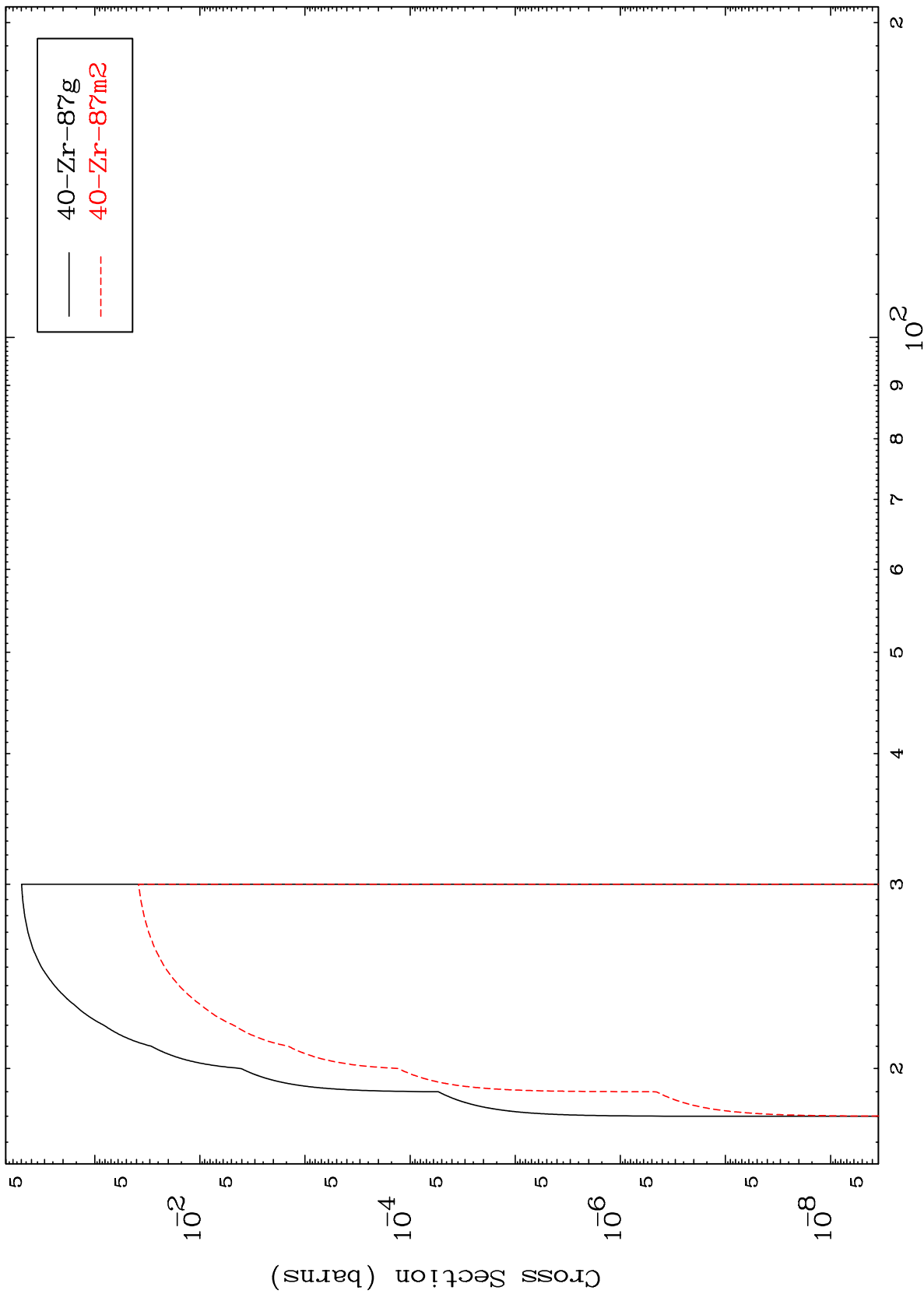
41-Nb-89m

MAT 4114

(n,2n) p

41-Nb-89m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

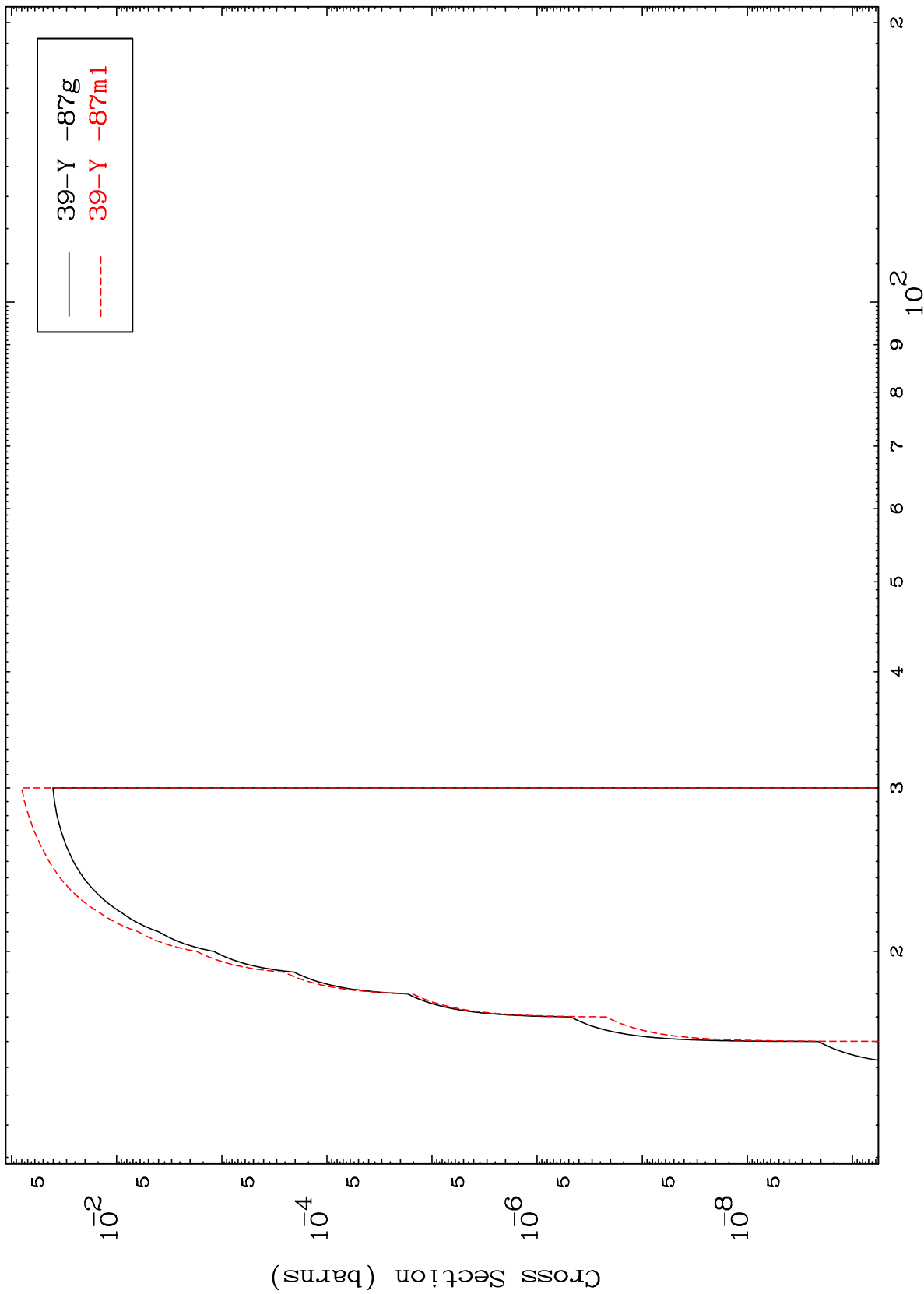
41-Nb-89m

MAT 4114

(n,2n) p

41-Nb-89m

Radionuclide Production Cross Section



28

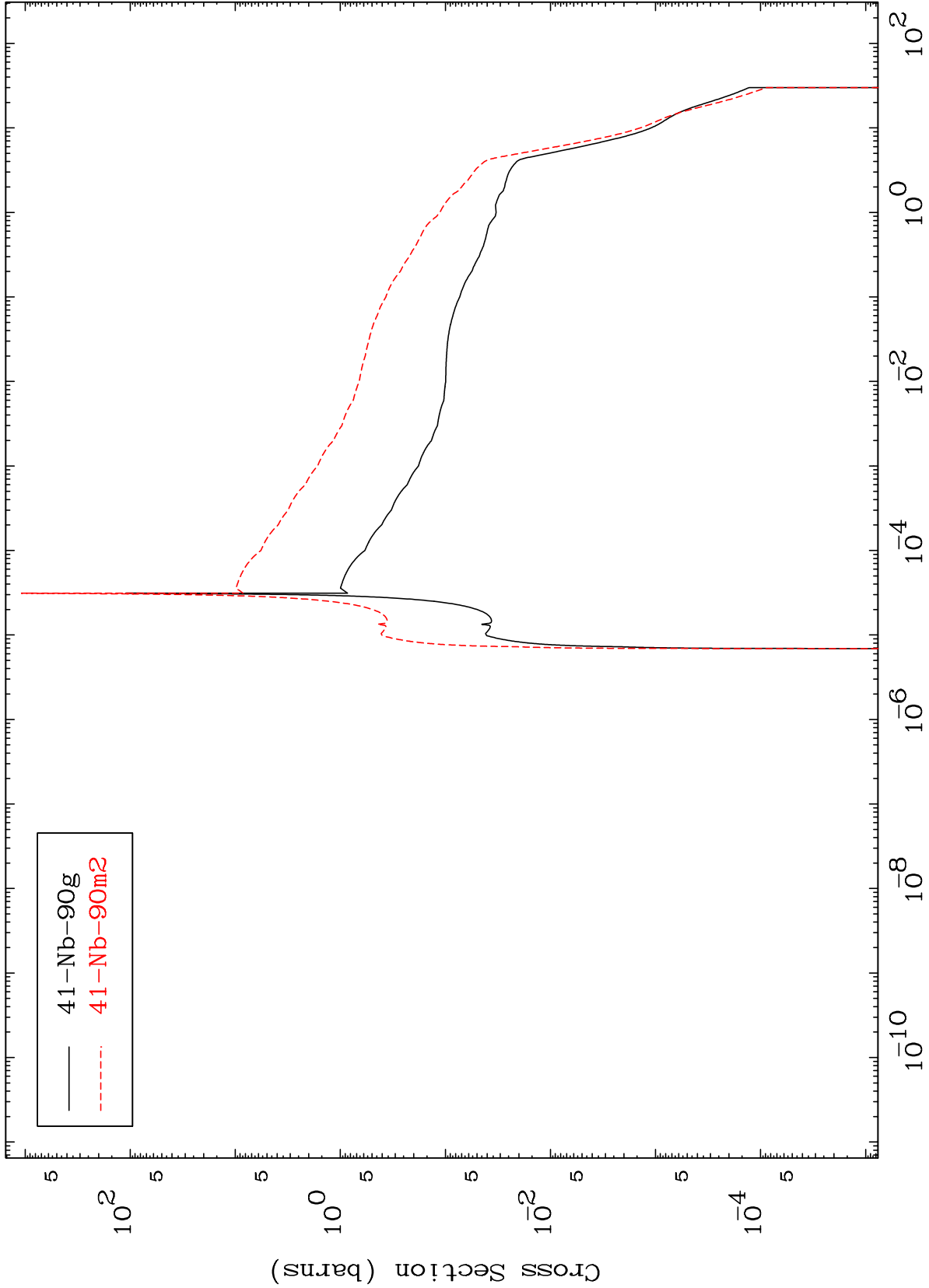
Incident Energy (MeV)

41-Nb-89m

MAT 4114

41-Nb-89m

(n,γ)
Radionuclide Production Cross Section



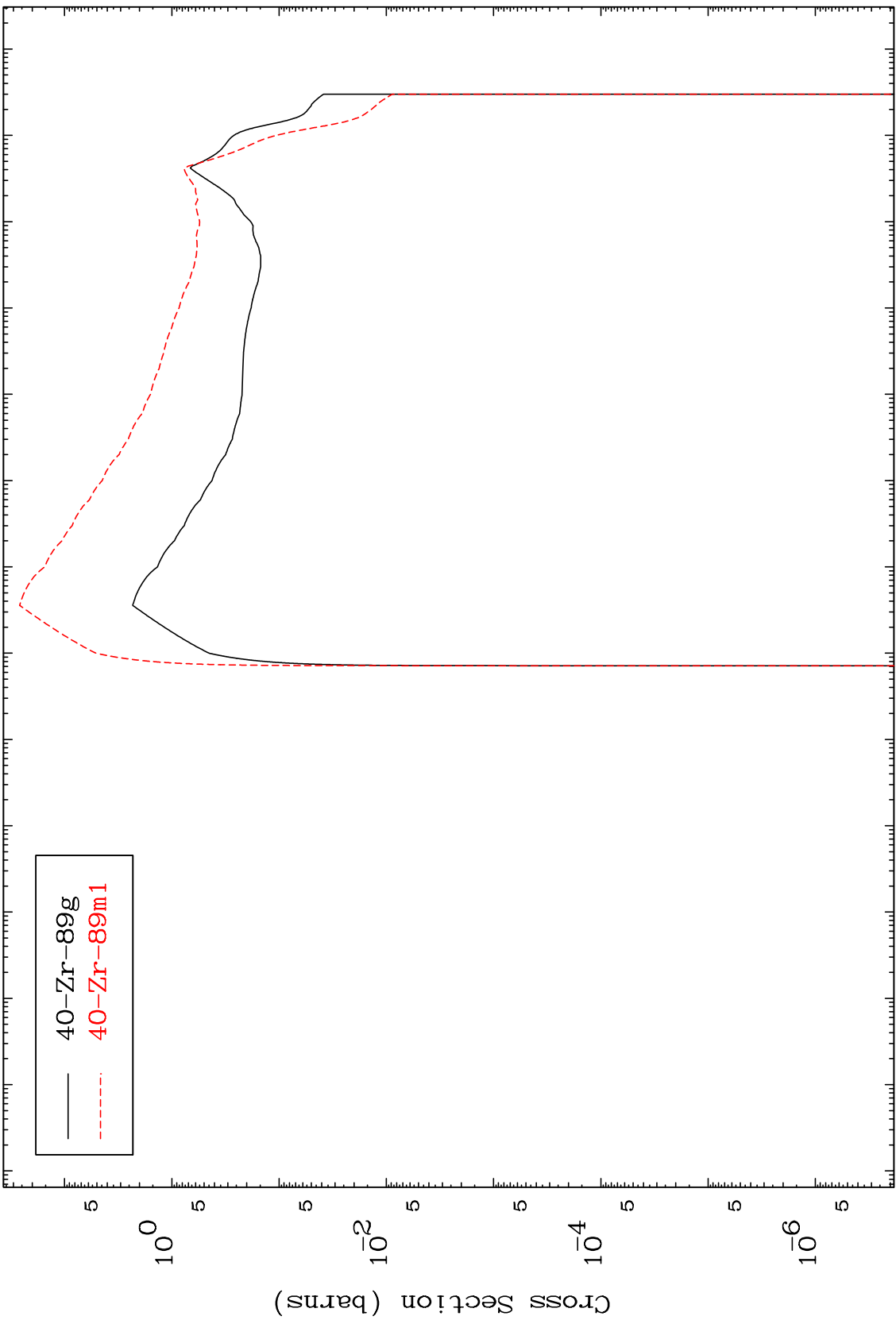
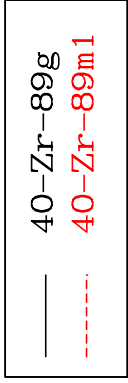
29

41-Nb-89m

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41-Nb-89m

Radionuclide Production Cross Section



41-Nb-89m

10⁰

10⁻⁶

10⁻⁸

10⁻¹⁰

10⁻²

10²

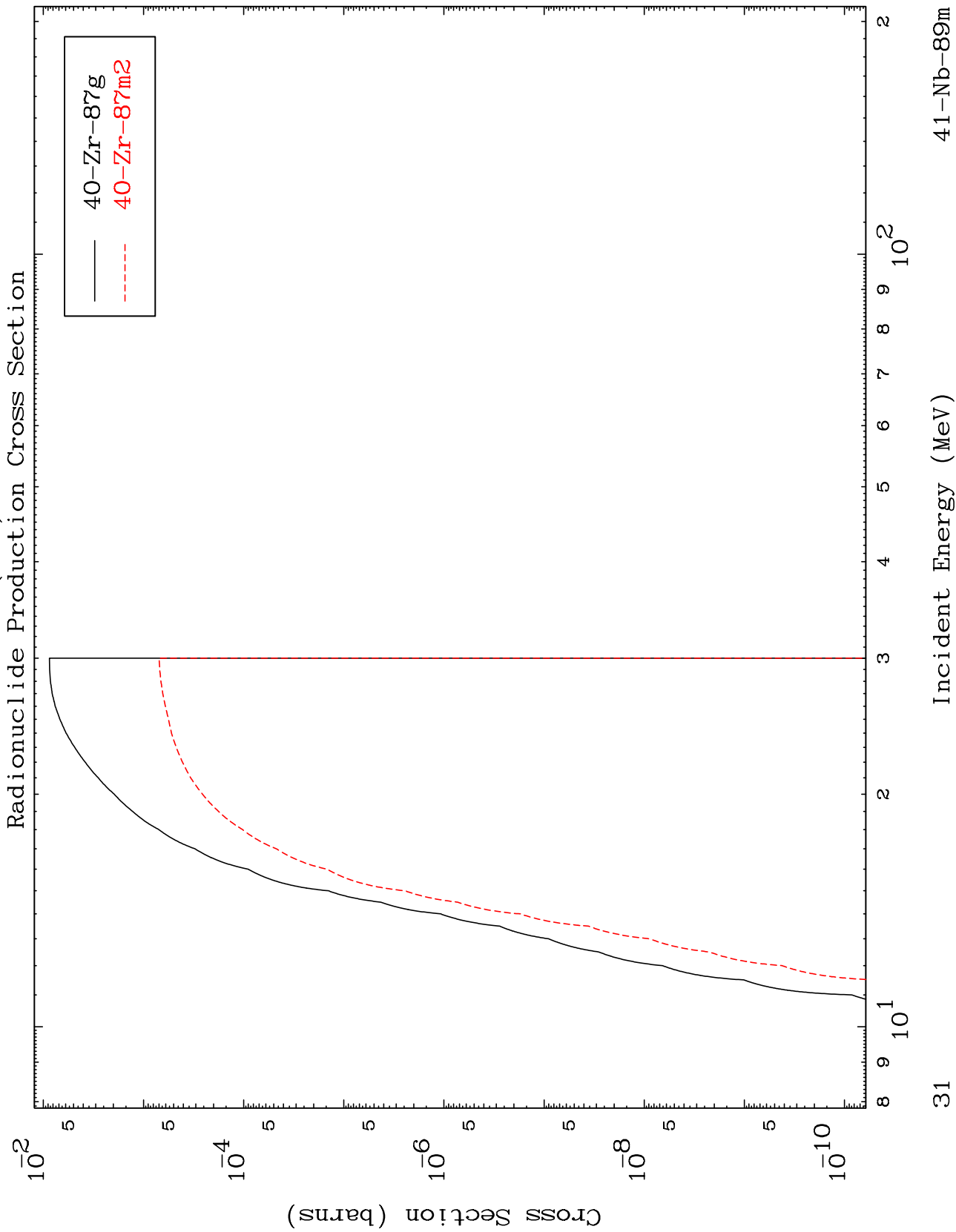
Incident Energy (MeV)

30

MAT 4114

(n, t)

41-Nb-89m



31

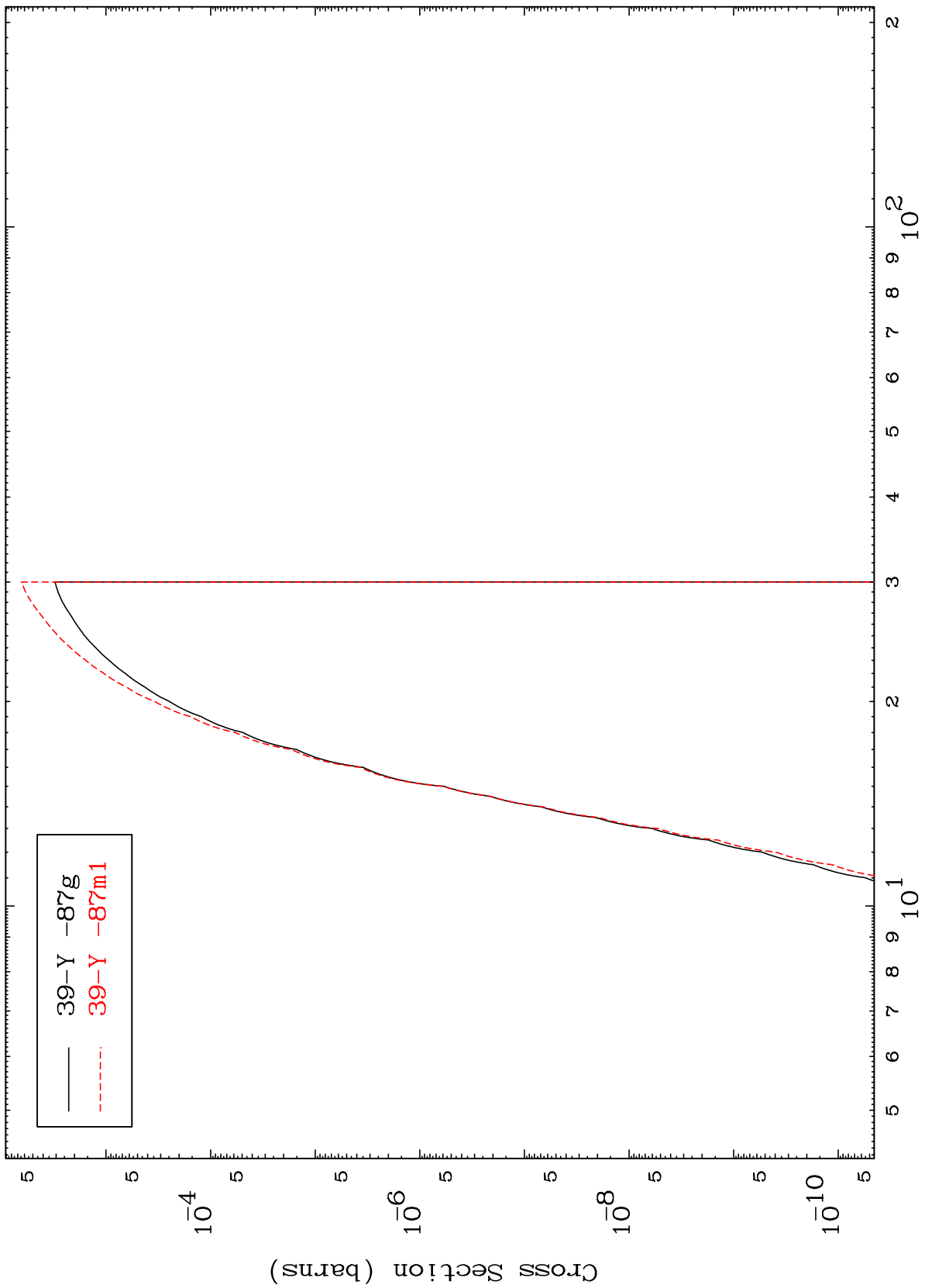
Incident Energy (MeV)

41-Nb-89m

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41-Nb-89m

(n,He-3)
Radionuclide Production Cross Section



32

Incident Energy (MeV)

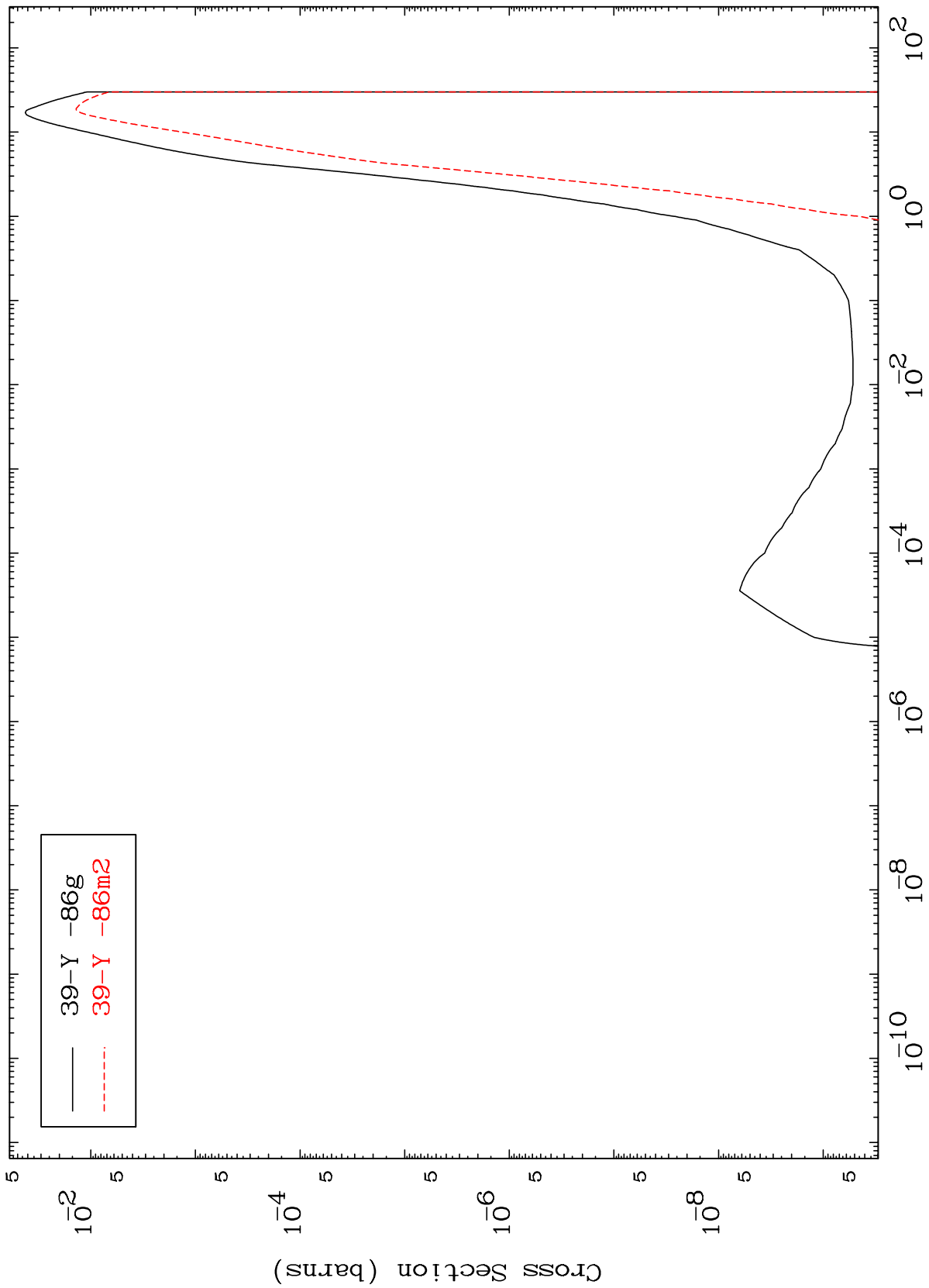
41-Nb-89m

MAT 4114

(n, α)

41-Nb-89m

Radionuclide Production Cross Section



33

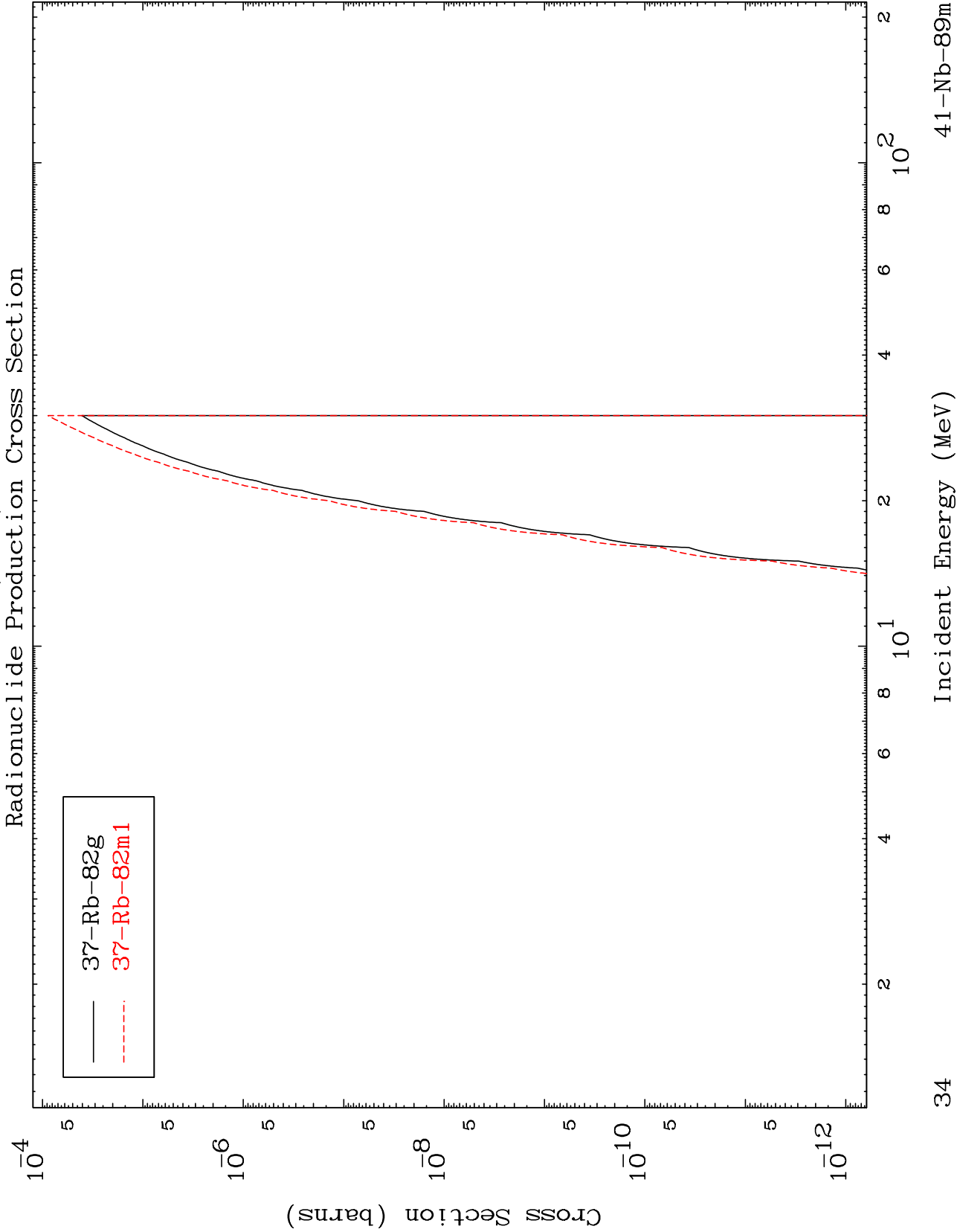
Incident Energy (MeV)

41-Nb-89m

MAT 4114

(n,2α)

41-Nb-89m



34

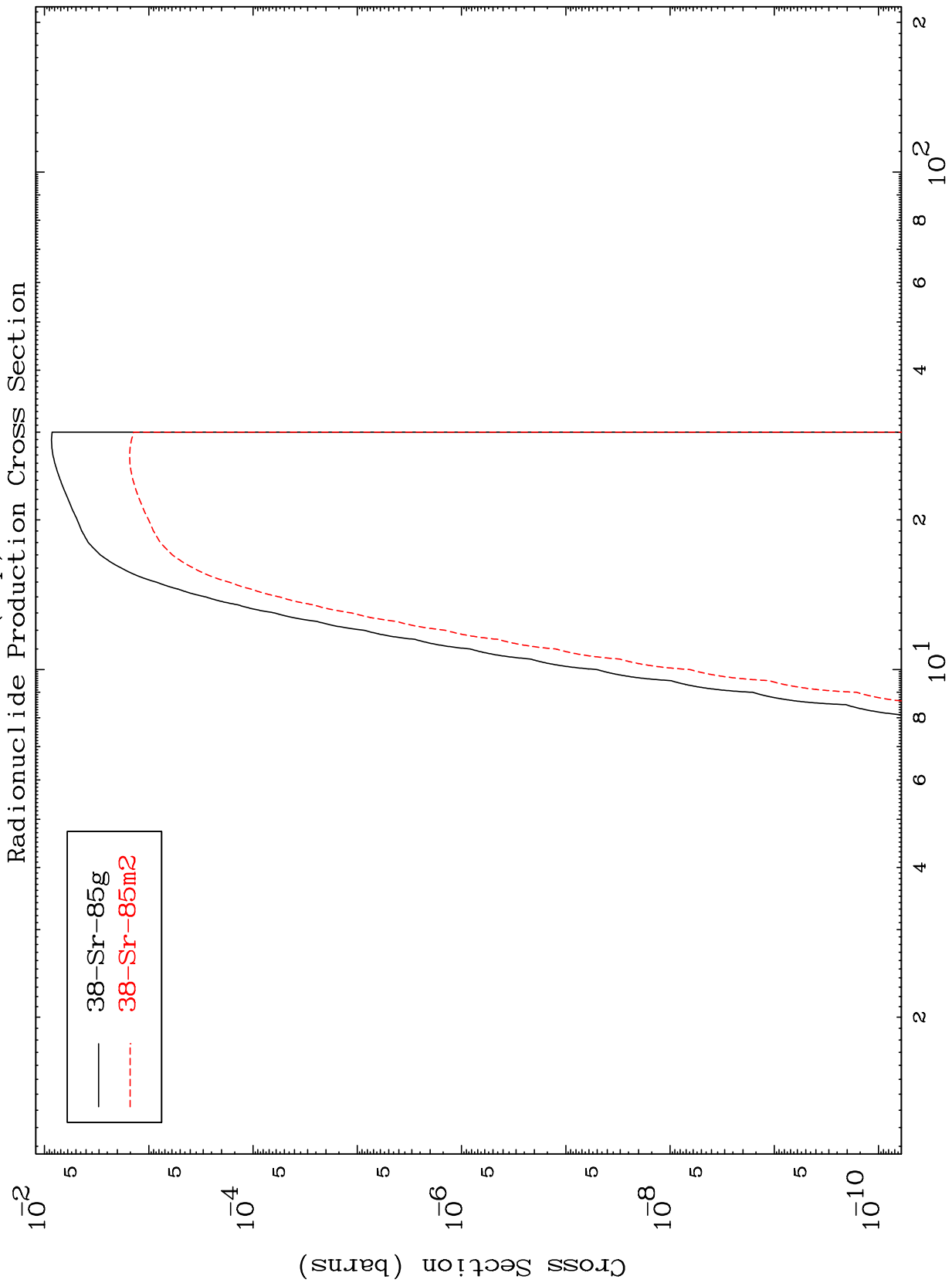
41-Nb-89m

MAT 4114

(n,p) α

41-Nb-89m

Radionuclide Production Cross Section



35

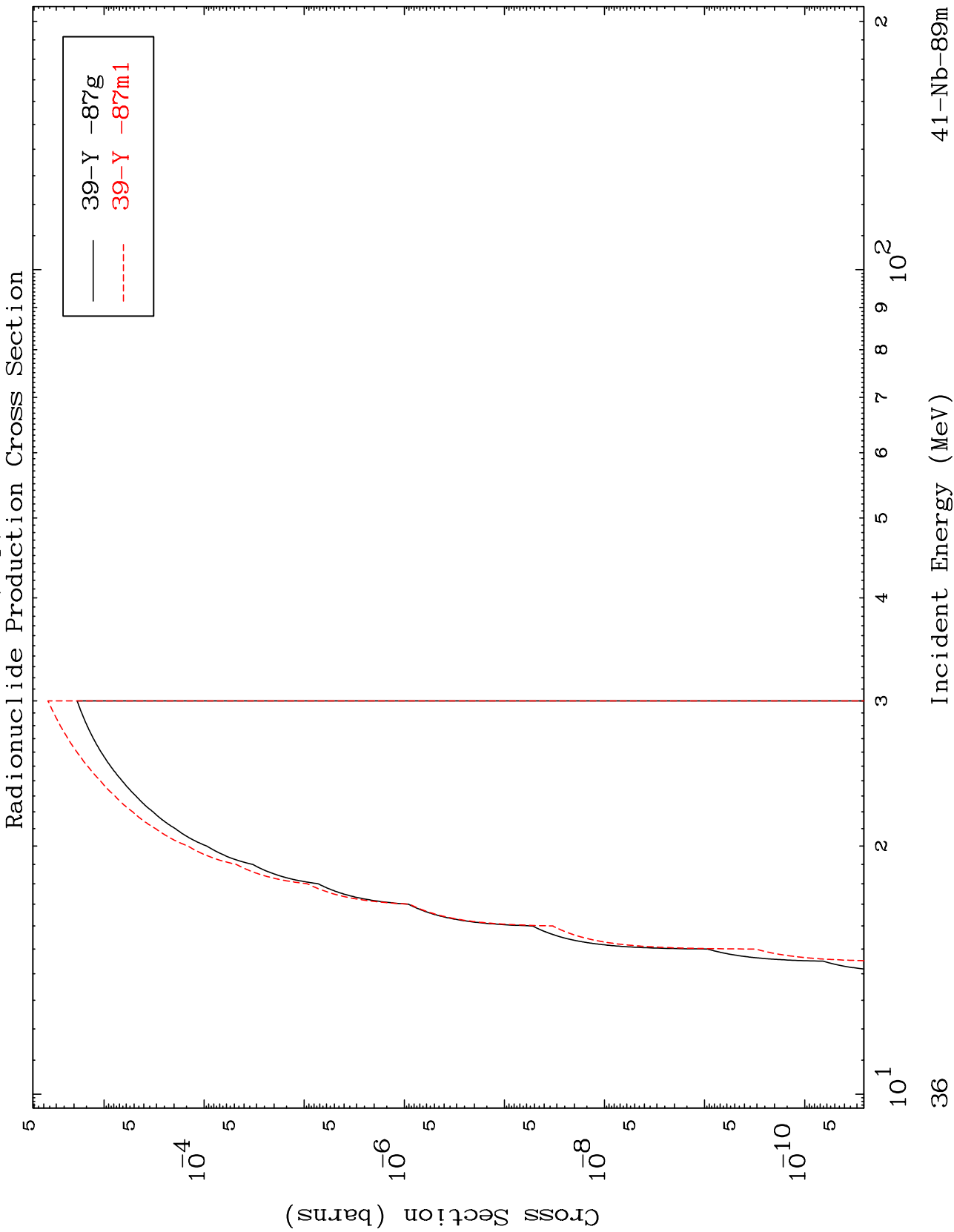
Incident Energy (MeV)

41-Nb-89m

MAT 4114

(n,p) d

41-Nb-89m



41-Nb-89m

Incident Energy (MeV)

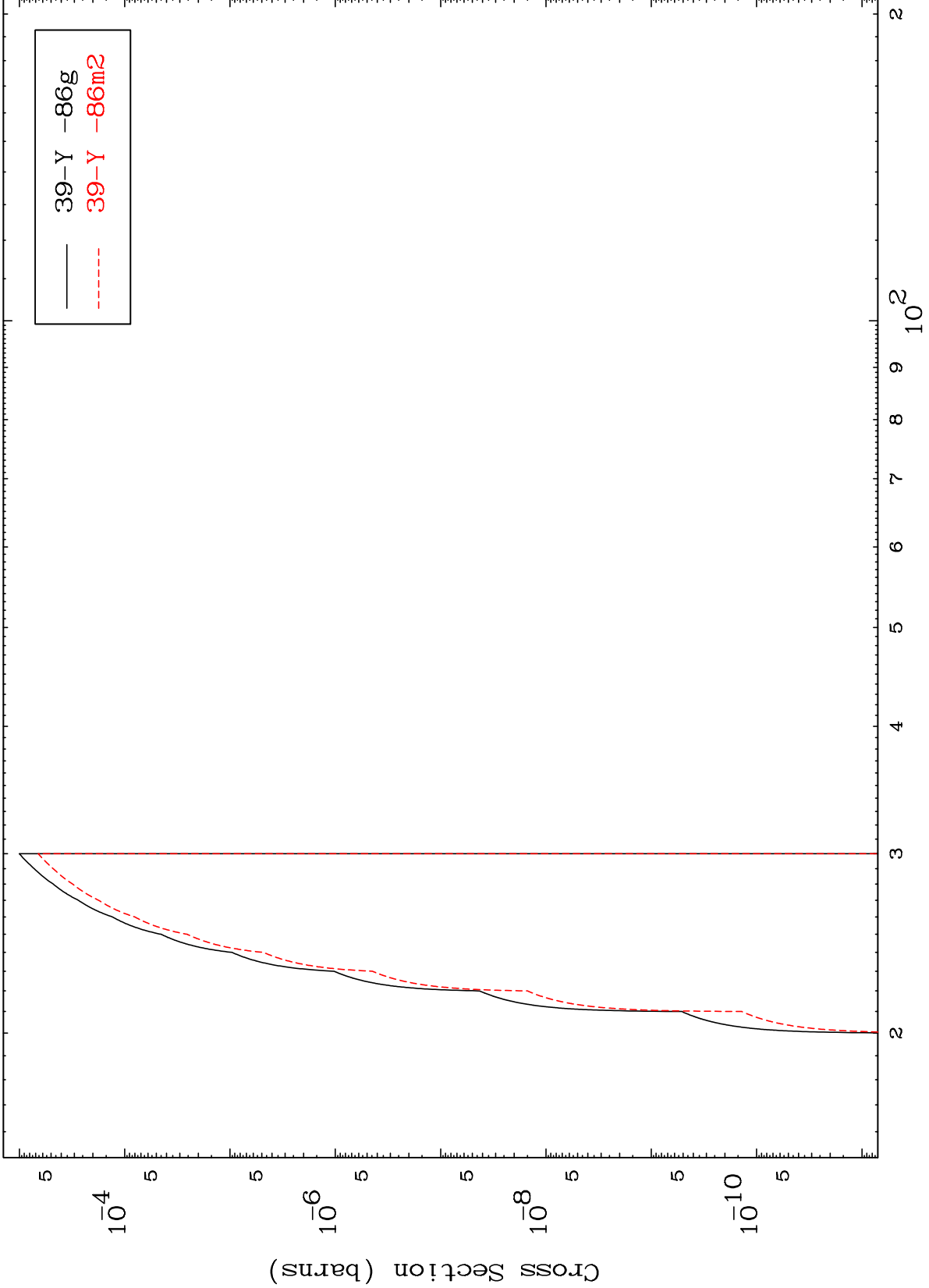
36

MAT 4114

(n,p) t

41-Nb-89m

Radionuclide Production Cross Section



39-Y -86g
39-Y -86m2

37

Incident Energy (MeV)

41-Nb-89m