

Program EVALPLOT
(Version 2017-1)

by

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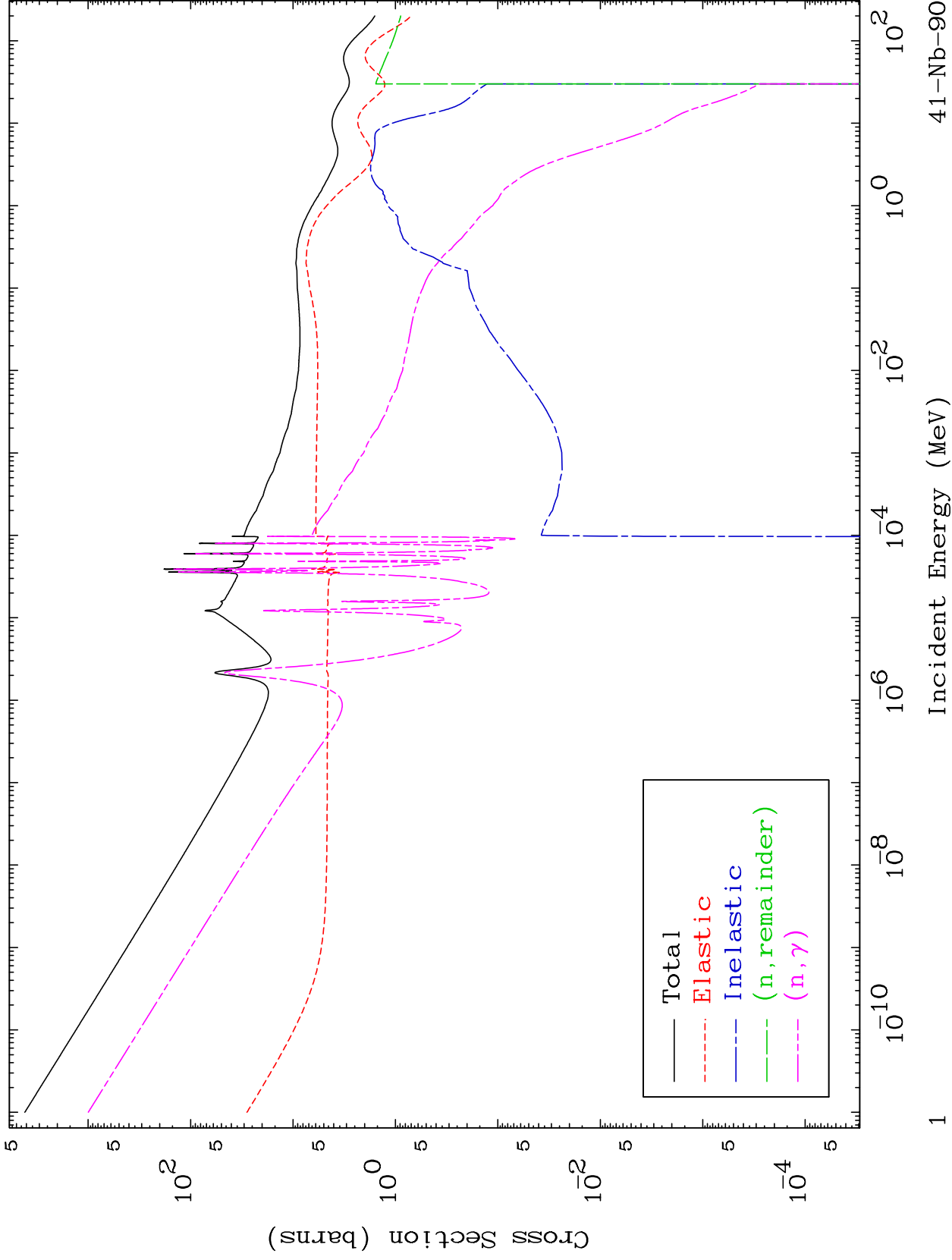
Web: redcullen1.net/HOMEPAGE.NEW

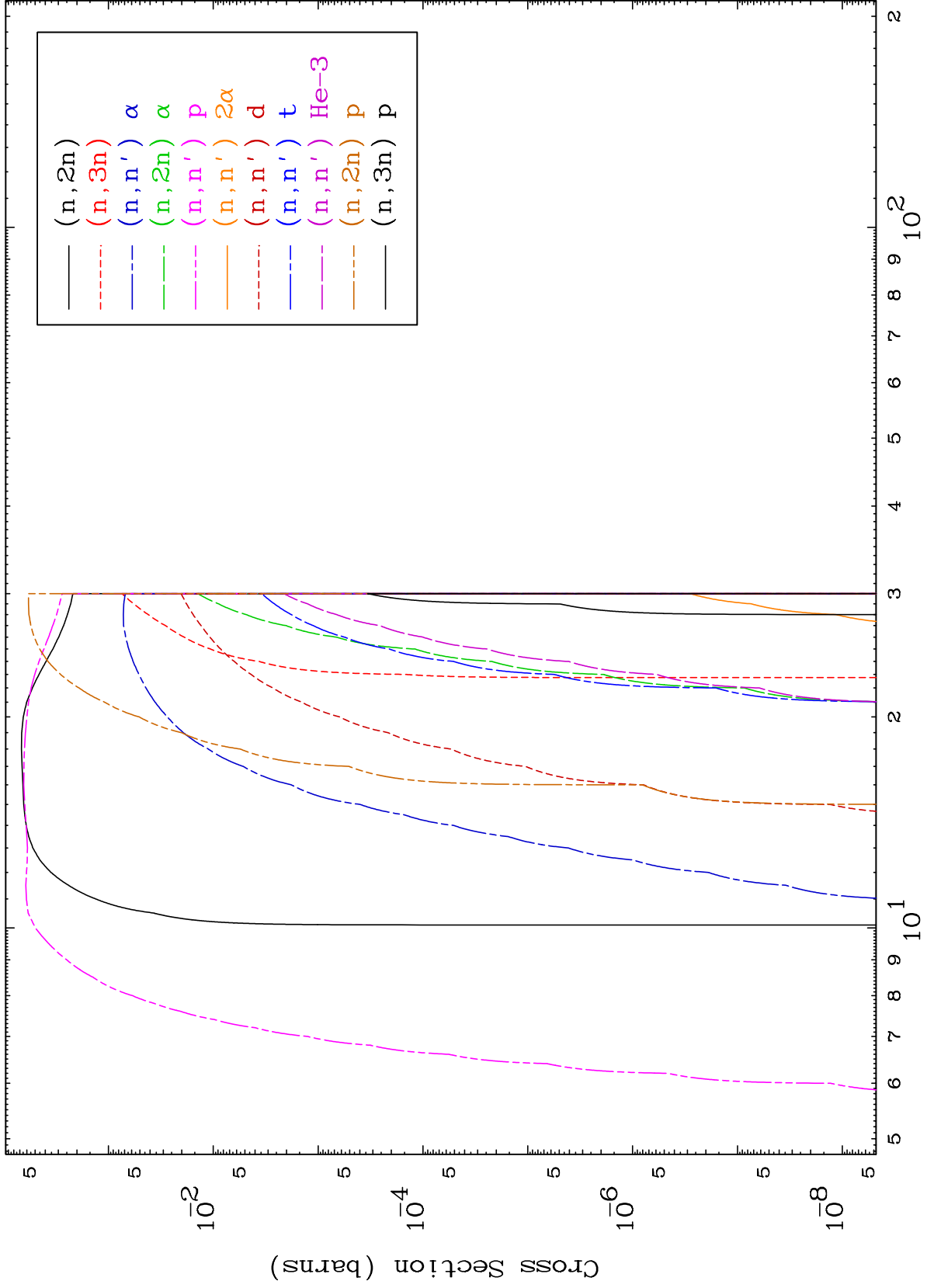
Press Mouse Button to Start

MAT 4117

Major
293 Kelvin Cross Sections

41-Nb-90

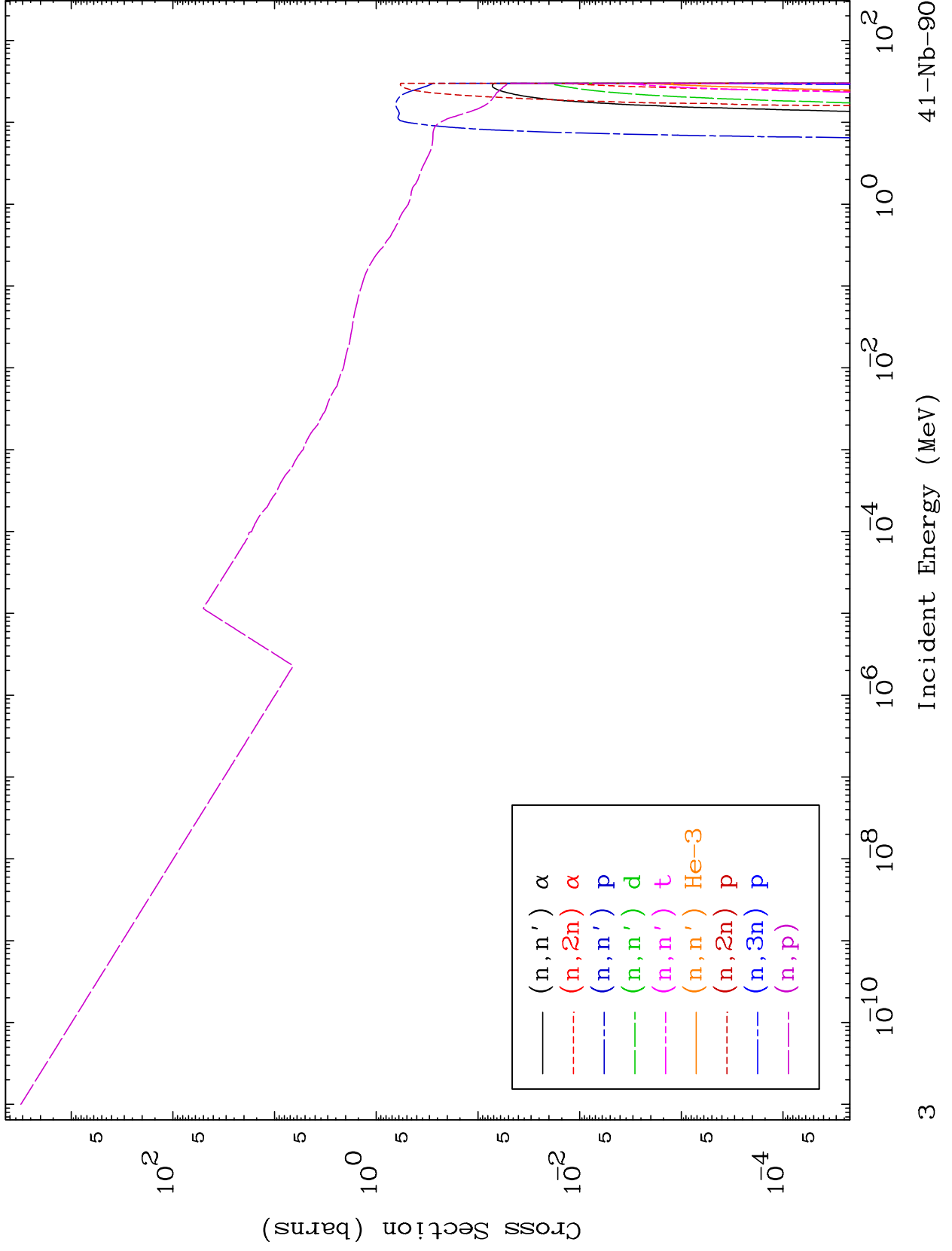




MAT 4117

Charged Particle
293 Kelvin Cross Sections

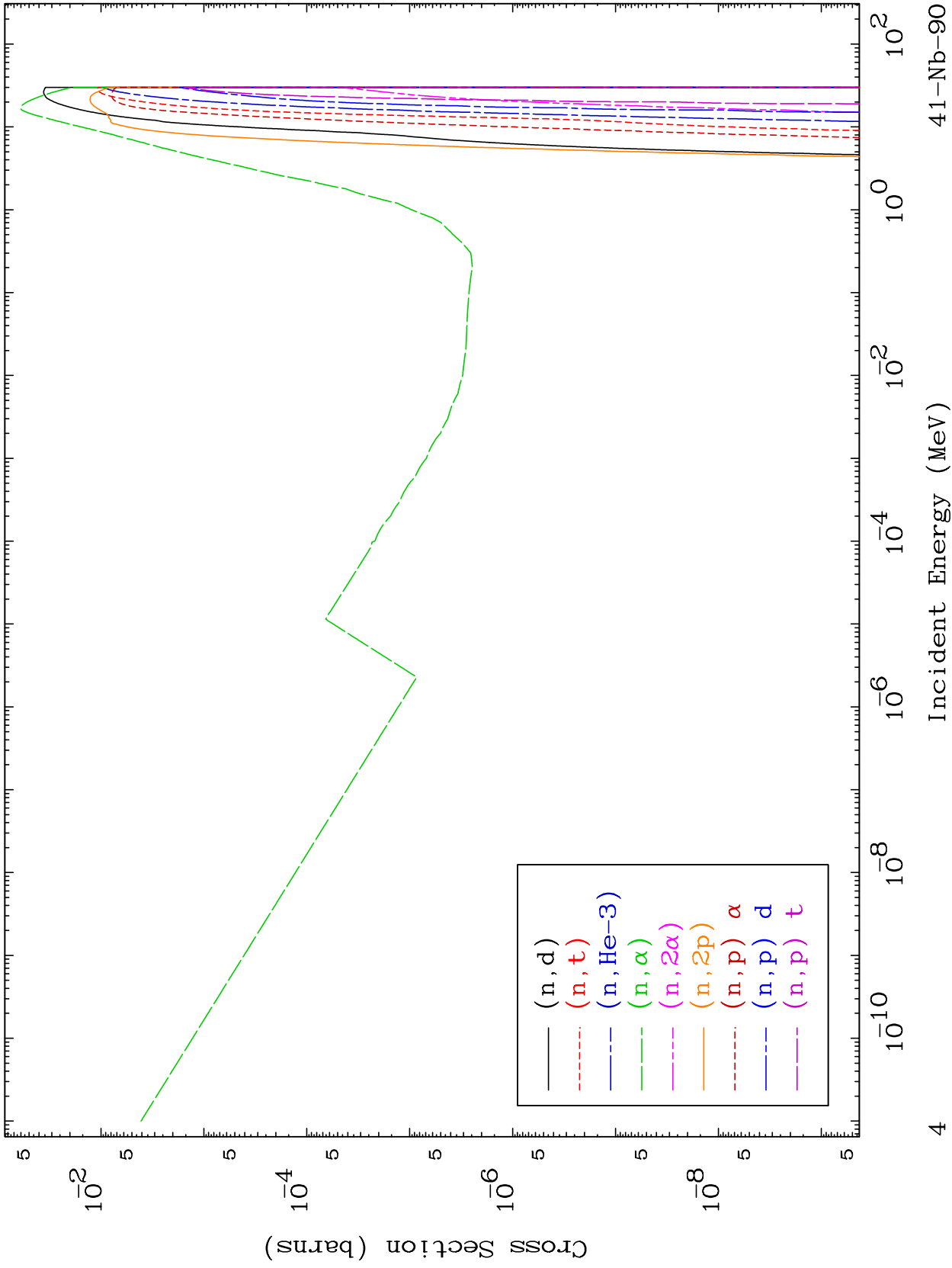
41-Nb-90



MAT 4117

Charged Particle
293 Kelvin Cross Sections

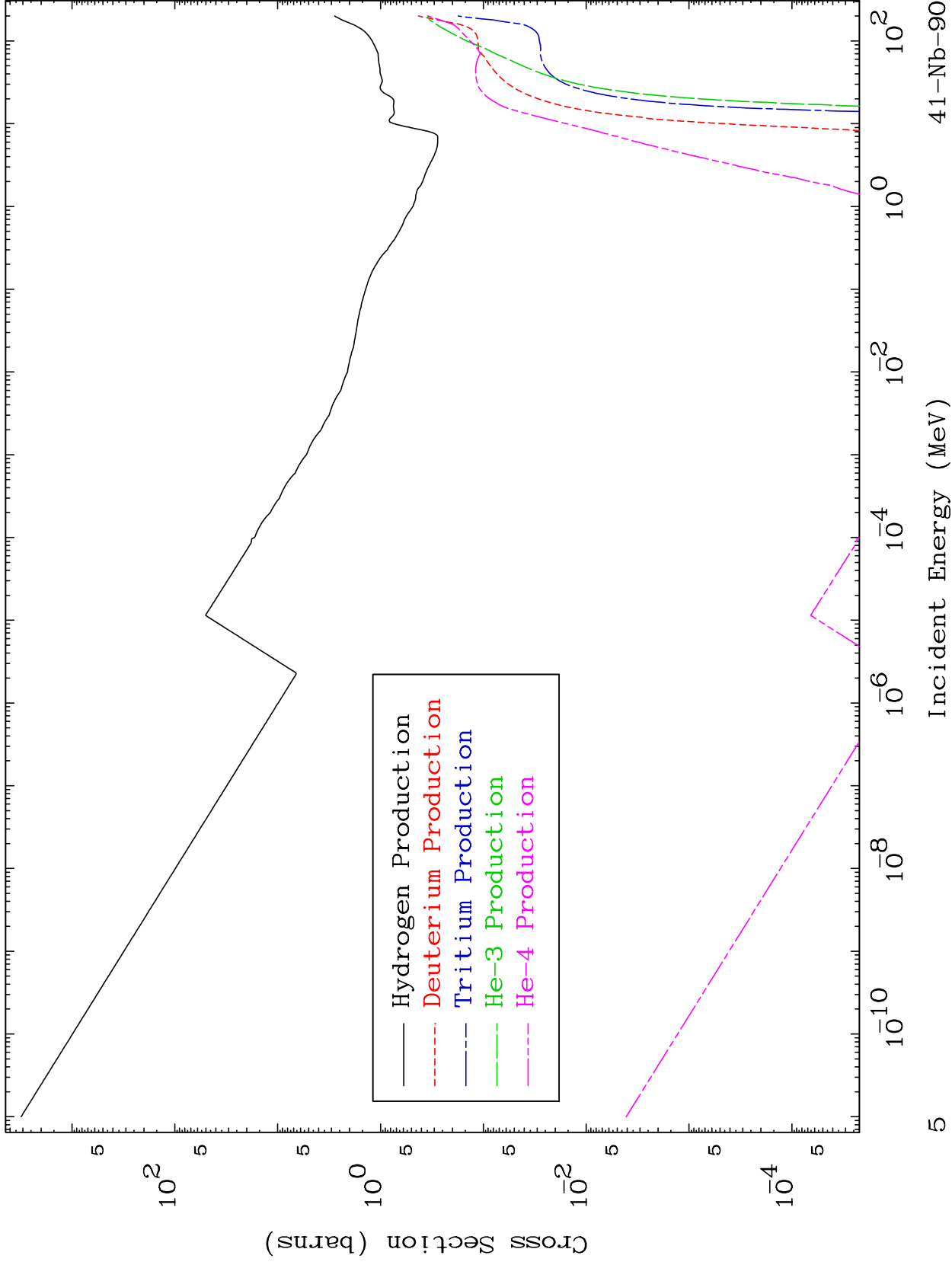
41-Nb-90



MAT 4117

Particle Production
293 Kelvin Cross Sections

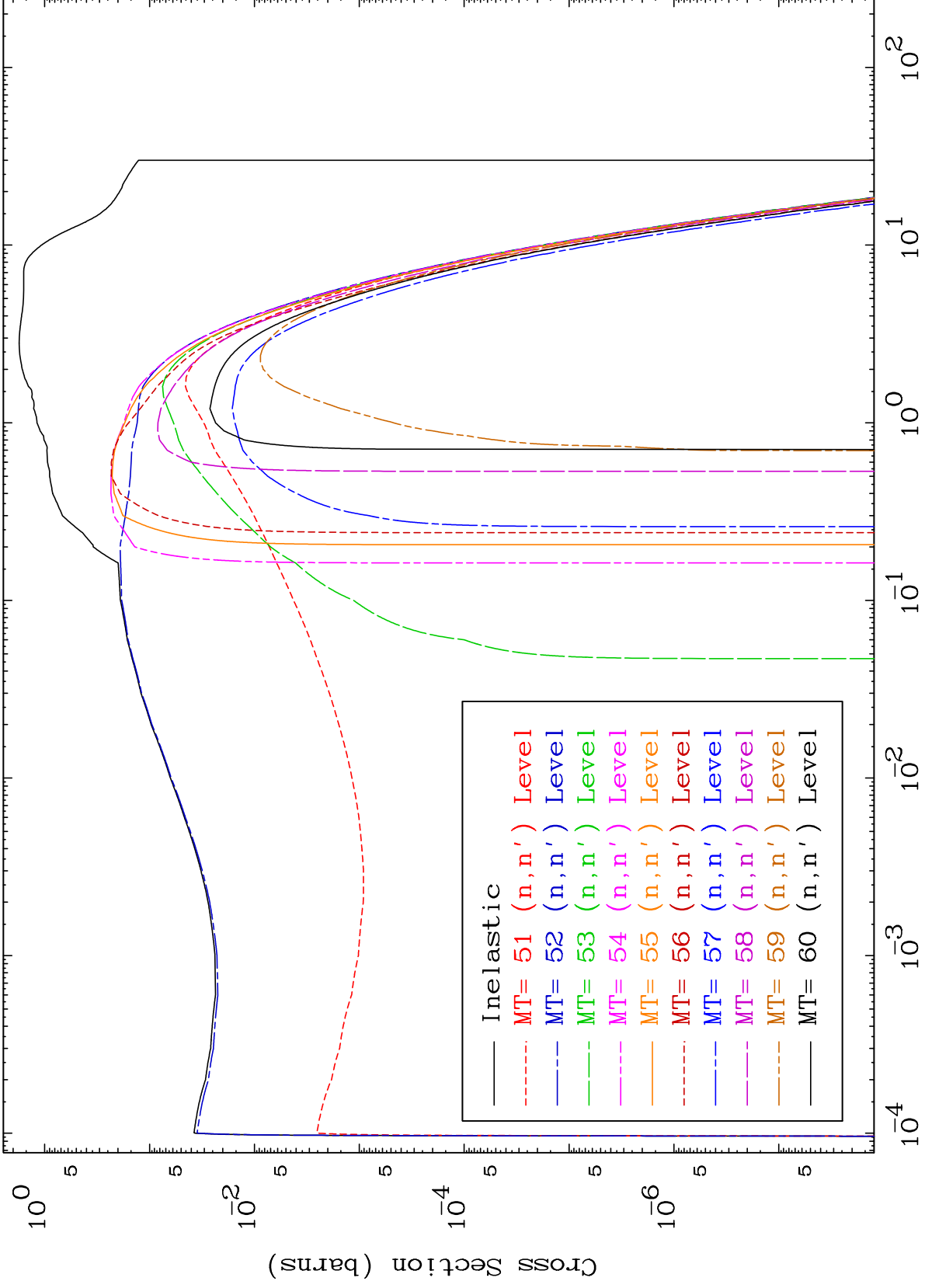
41-Nb-90



MAT 4117

(n,n') Level
293 Kelvin Cross Sections

41-Nb-90

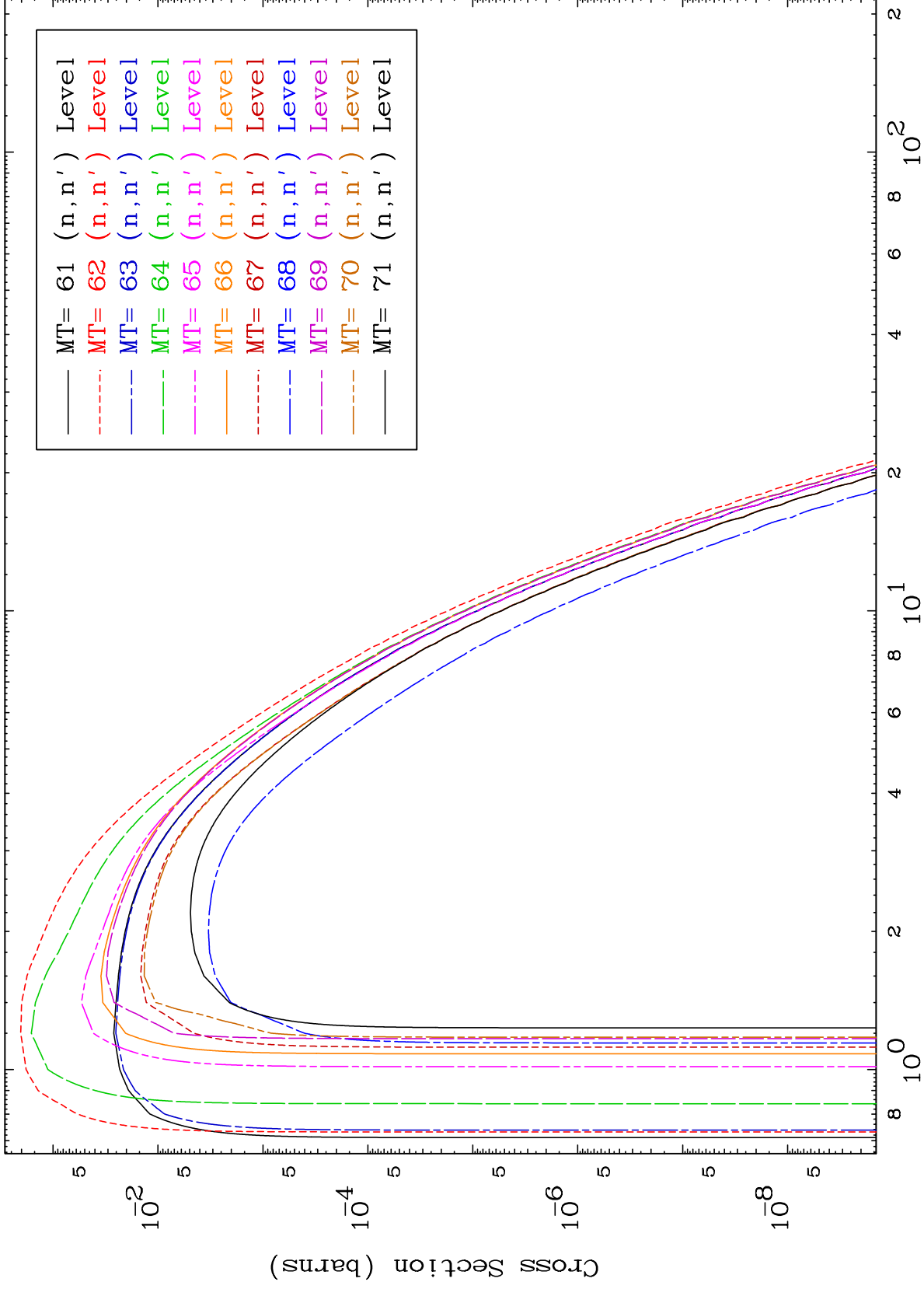


MAT 4117

(n,n') Level

41-Nb-90

293 Kelvin Cross Sections

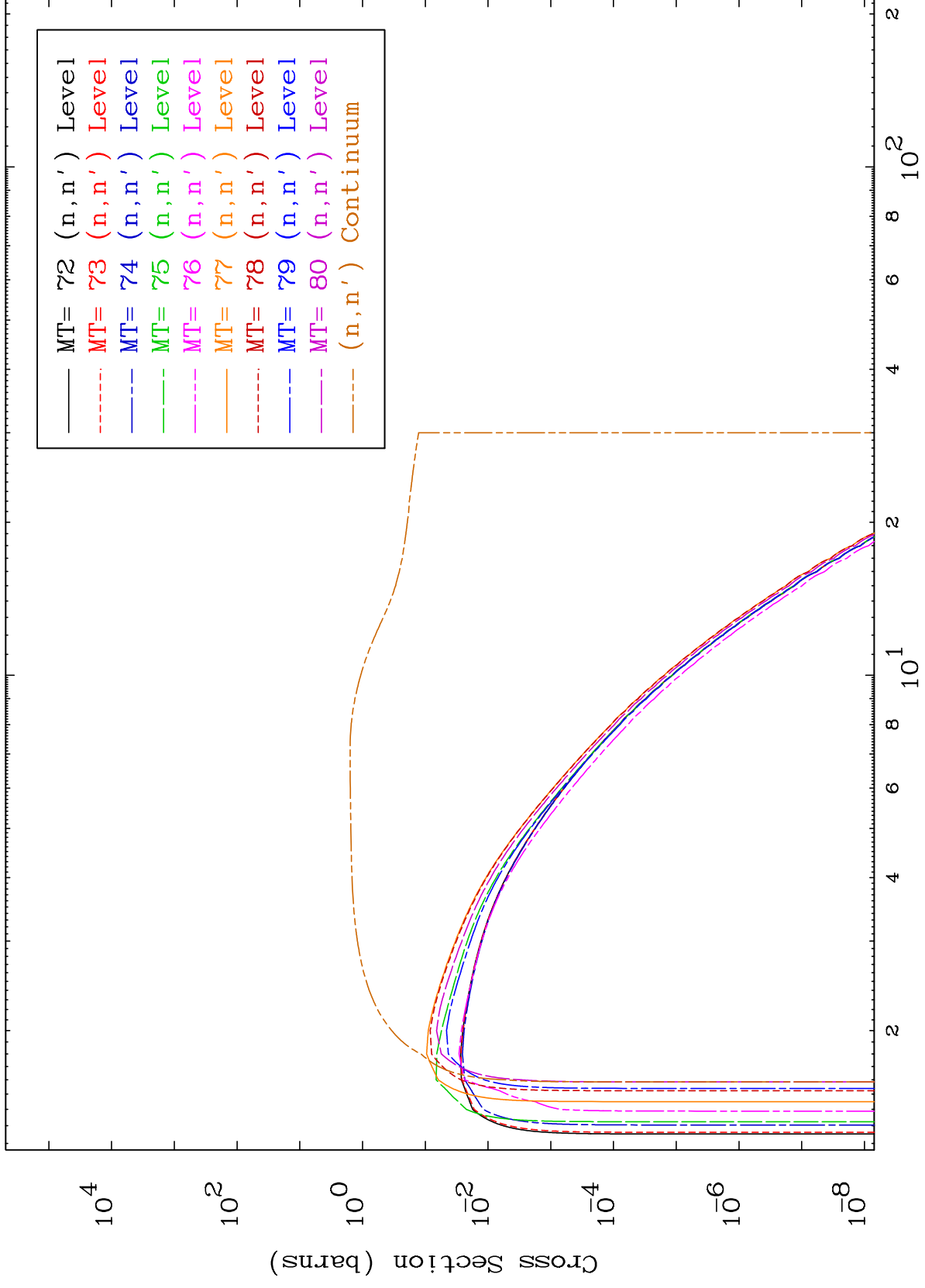


7

Incident Energy (MeV)

41-Nb-90

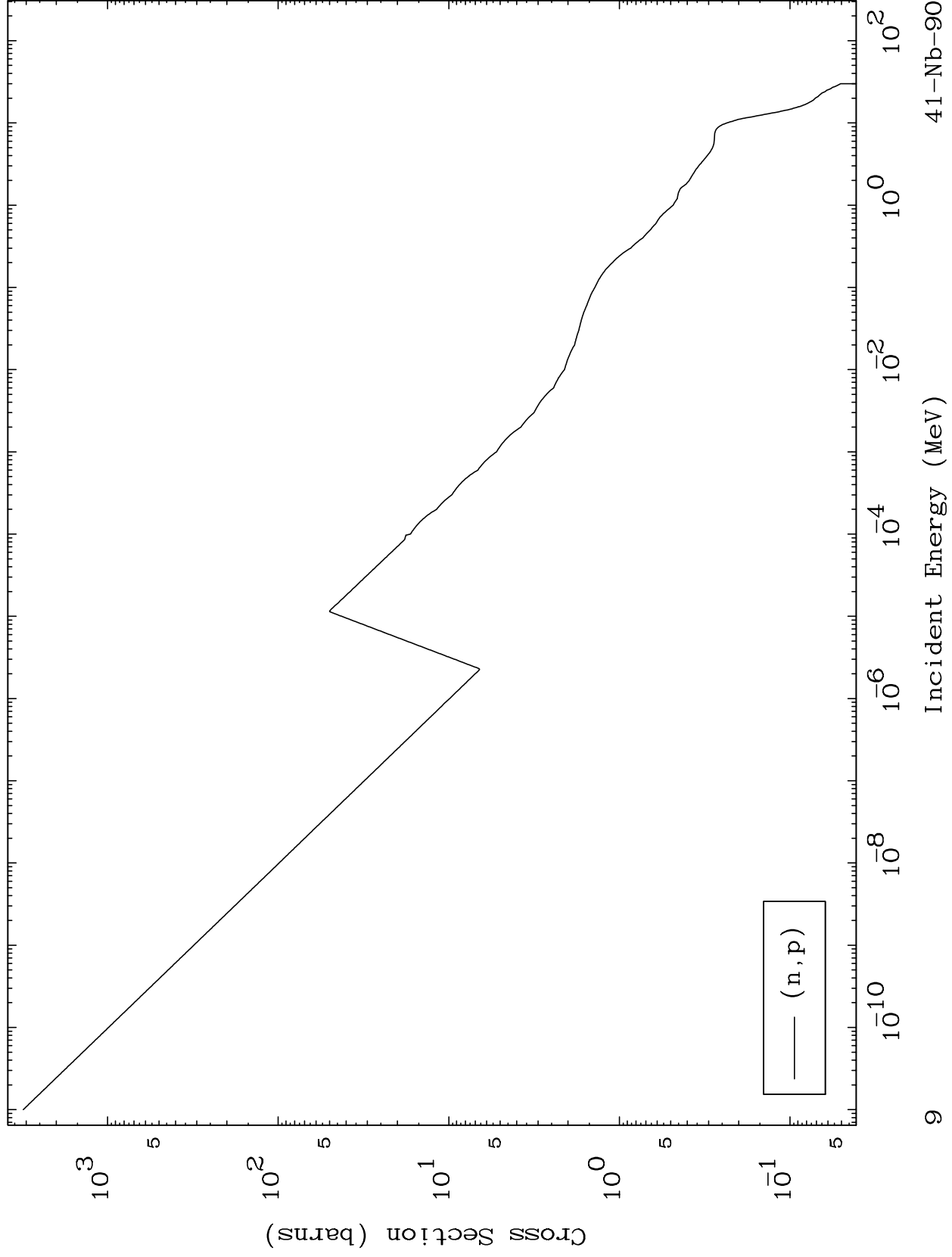
293 Kelvin Cross Sections



MAT 4117

(n,p) Levels
293 Kelvin Cross Sections

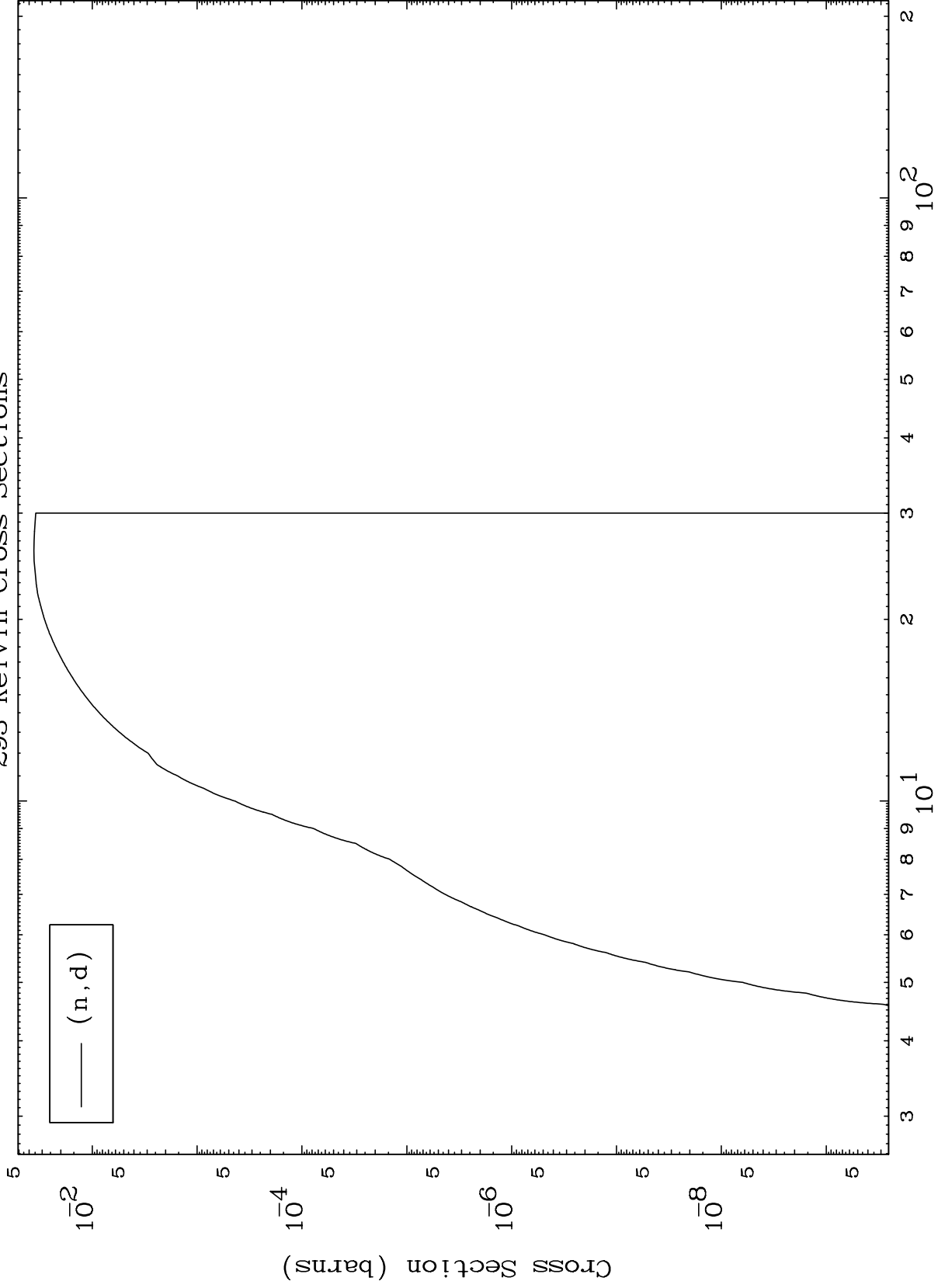
41-Nb-90



MAT 4117

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-90



10

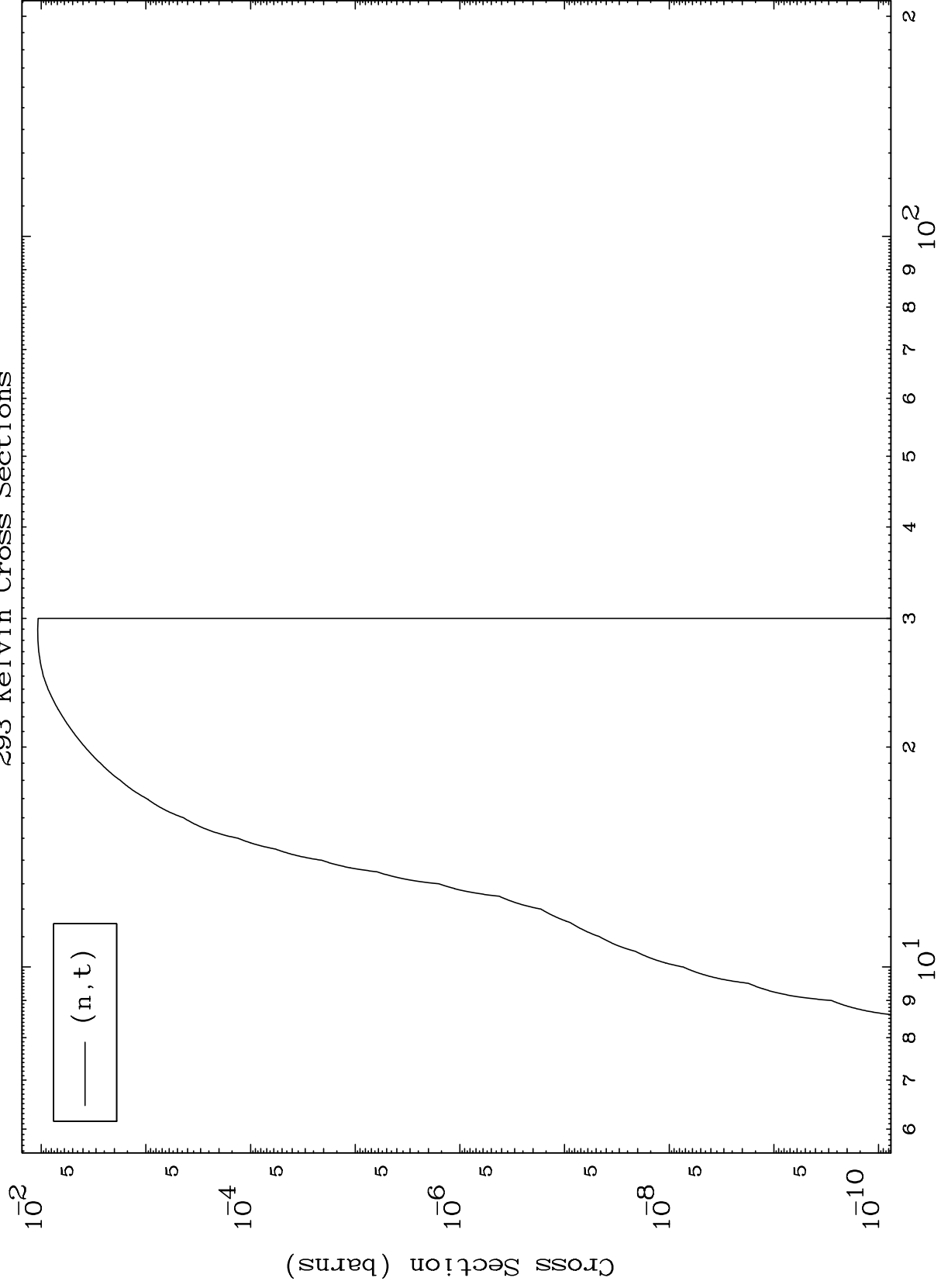
Incident Energy (MeV)

41-Nb-90

MAT 4117

(n, t) Levels
293 Kelvin Cross Sections

41-Nb-90



(n, t)

11

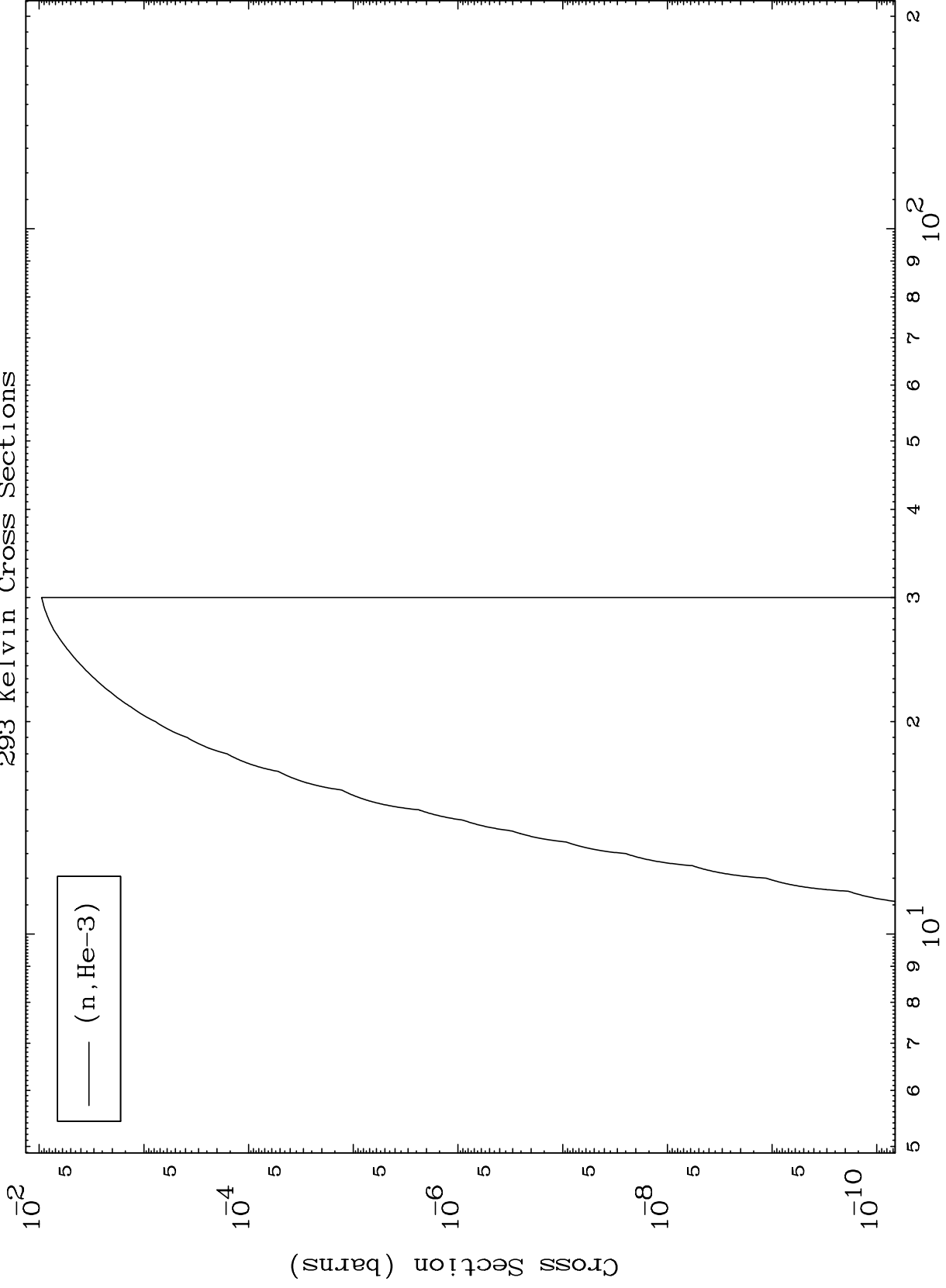
Incident Energy (MeV)

41-Nb-90

MAT 4117

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-90



12

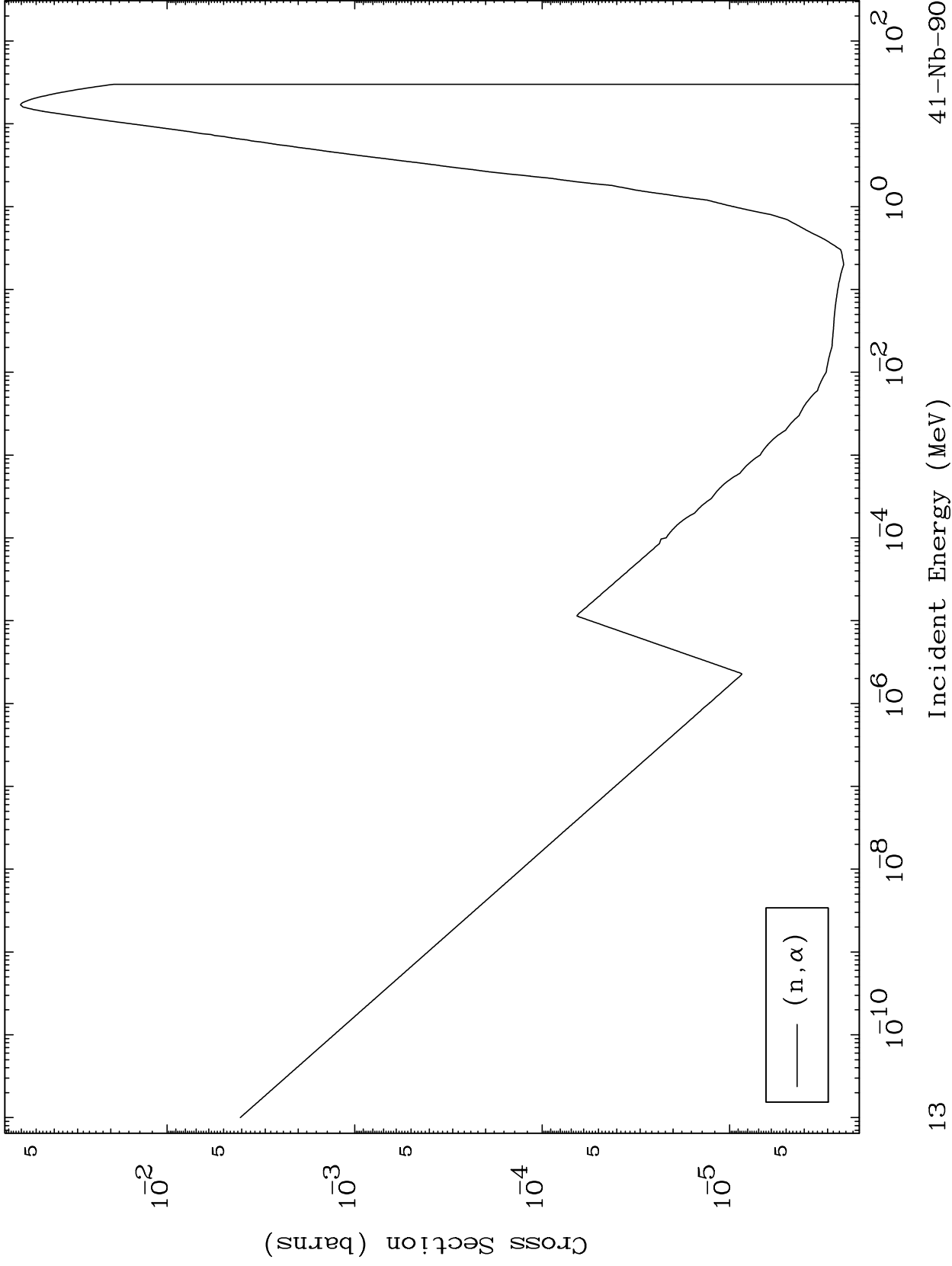
Incident Energy (MeV)

41-Nb-90

MAT 4117

(n, α) Levels
293 Kelvin Cross Sections

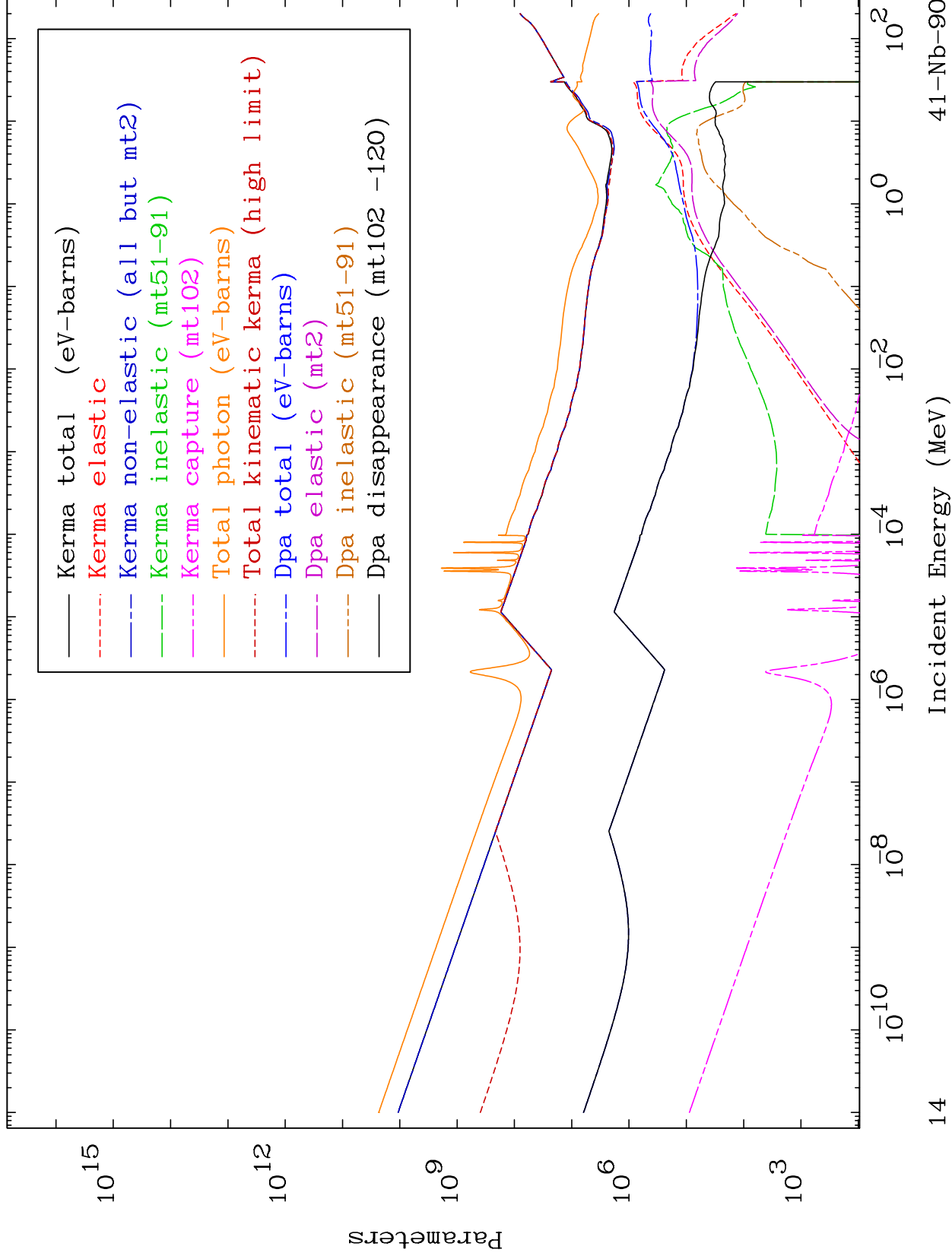
41-Nb-90



13

Incident Energy (MeV)

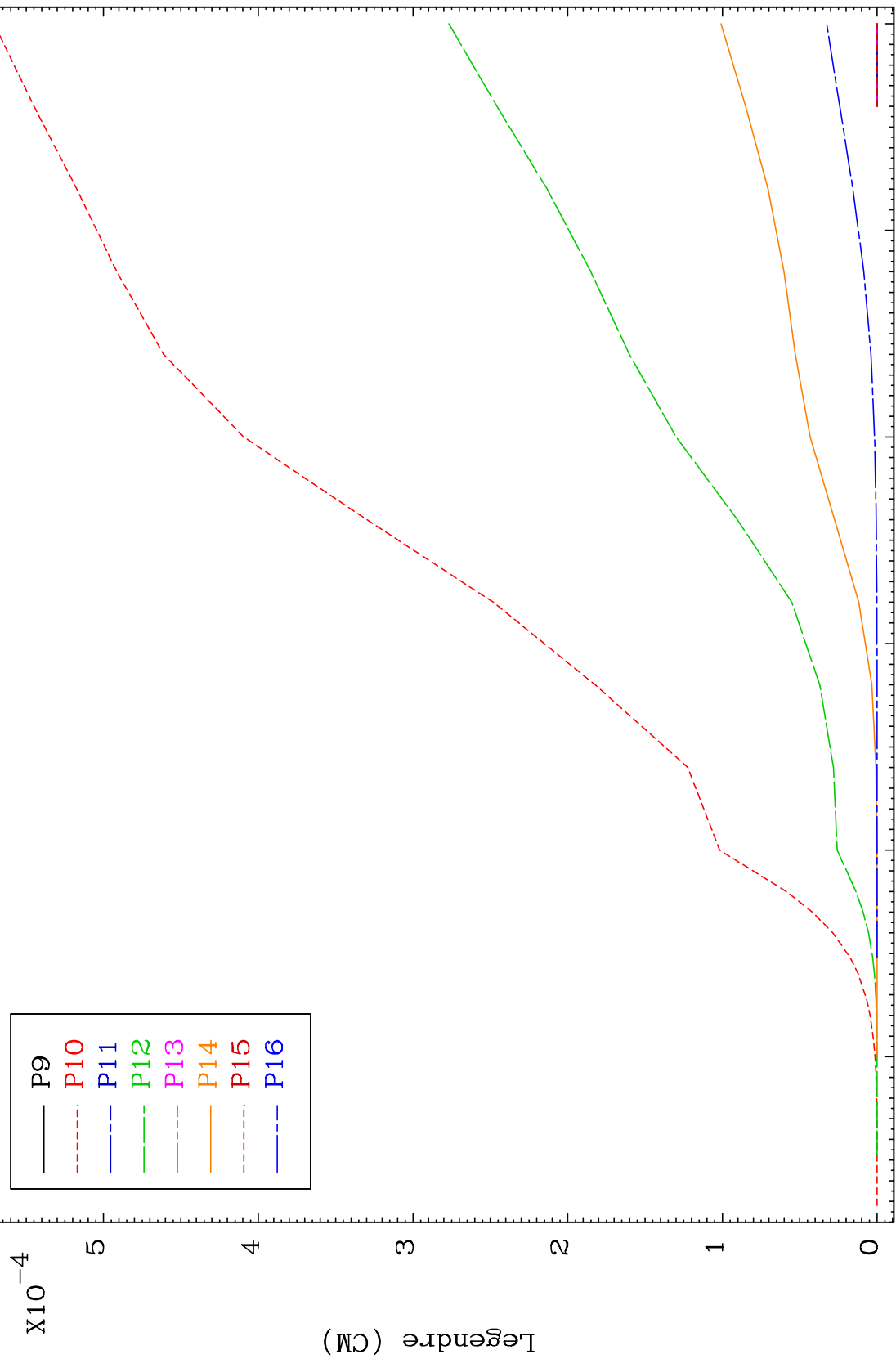
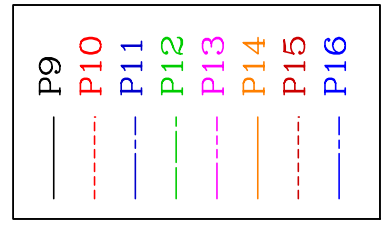
41-Nb-90



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Elastic Legendre Coefficients

41-Nb-90



16

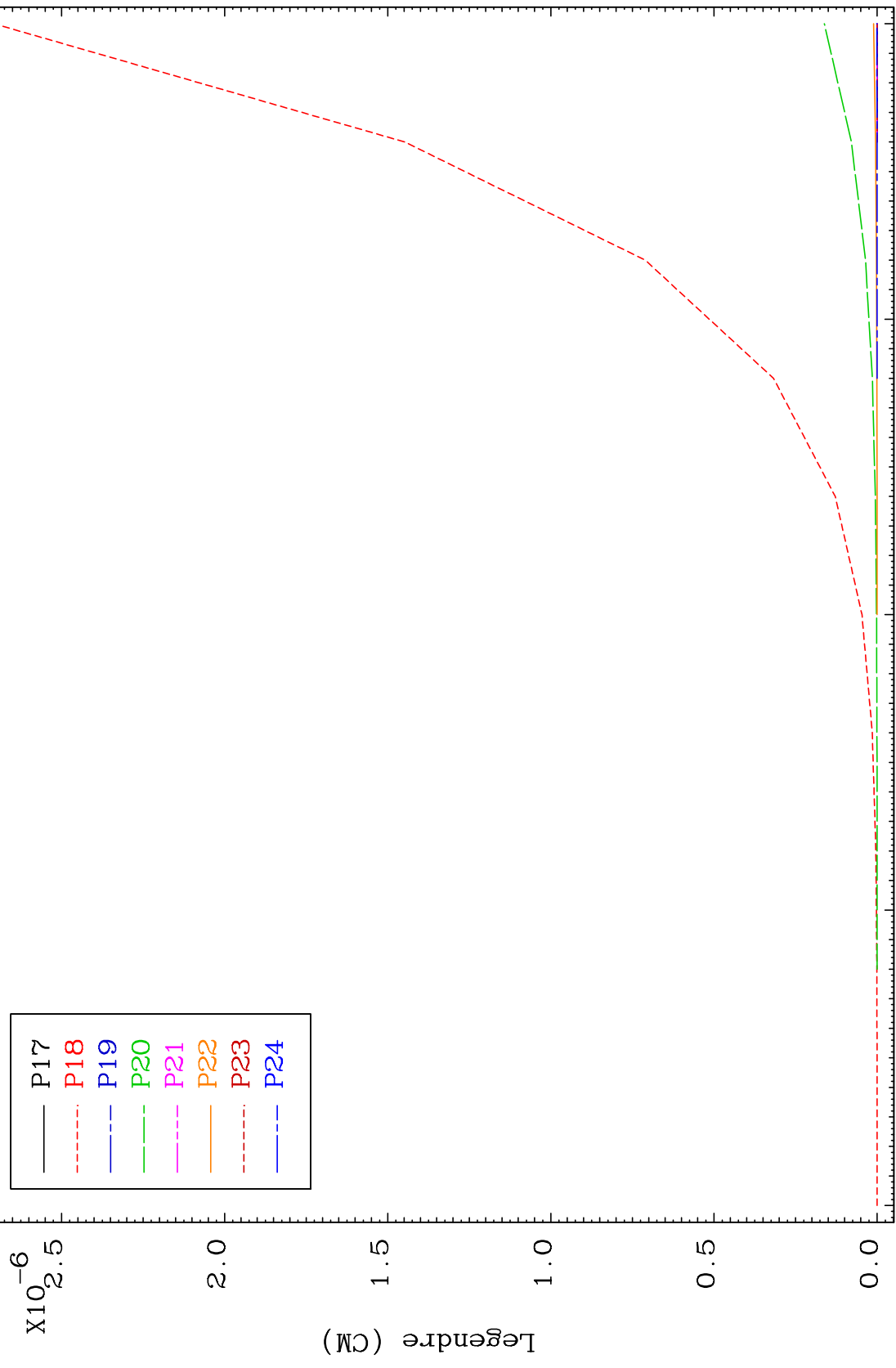
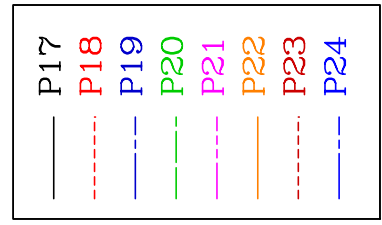
Incident Energy (MeV)

41-Nb-90

MAT 4117

Elastic Legendre Coefficients

41-Nb-90



17

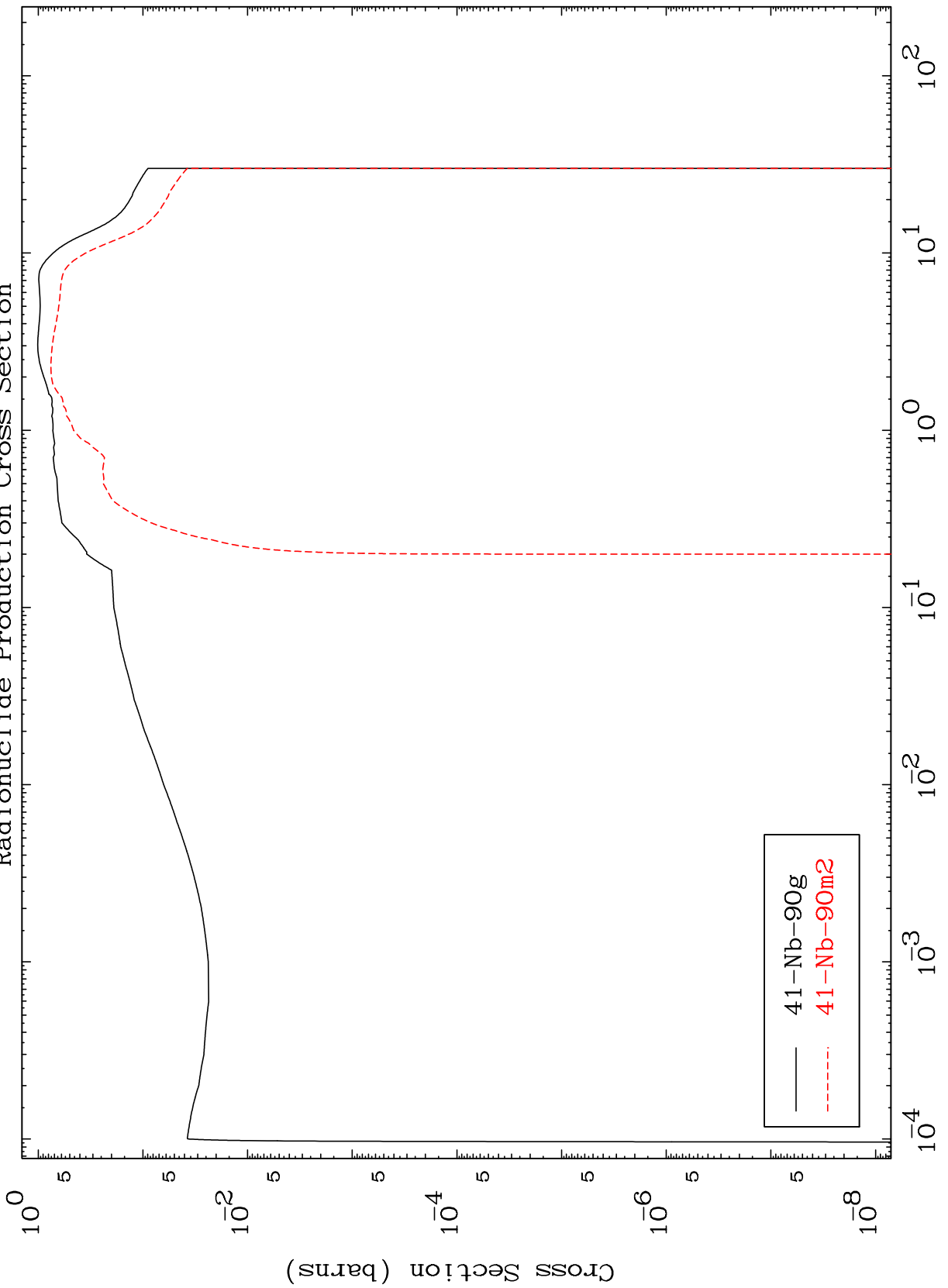
Incident Energy (MeV)

41-Nb-90

MAT 4117

41-Nb-90

Inelastic
Radionuclide Production Cross Section



— 41-Nb-90g
- - - 41-Nb-90m2

Incident Energy (MeV)

41-Nb-90

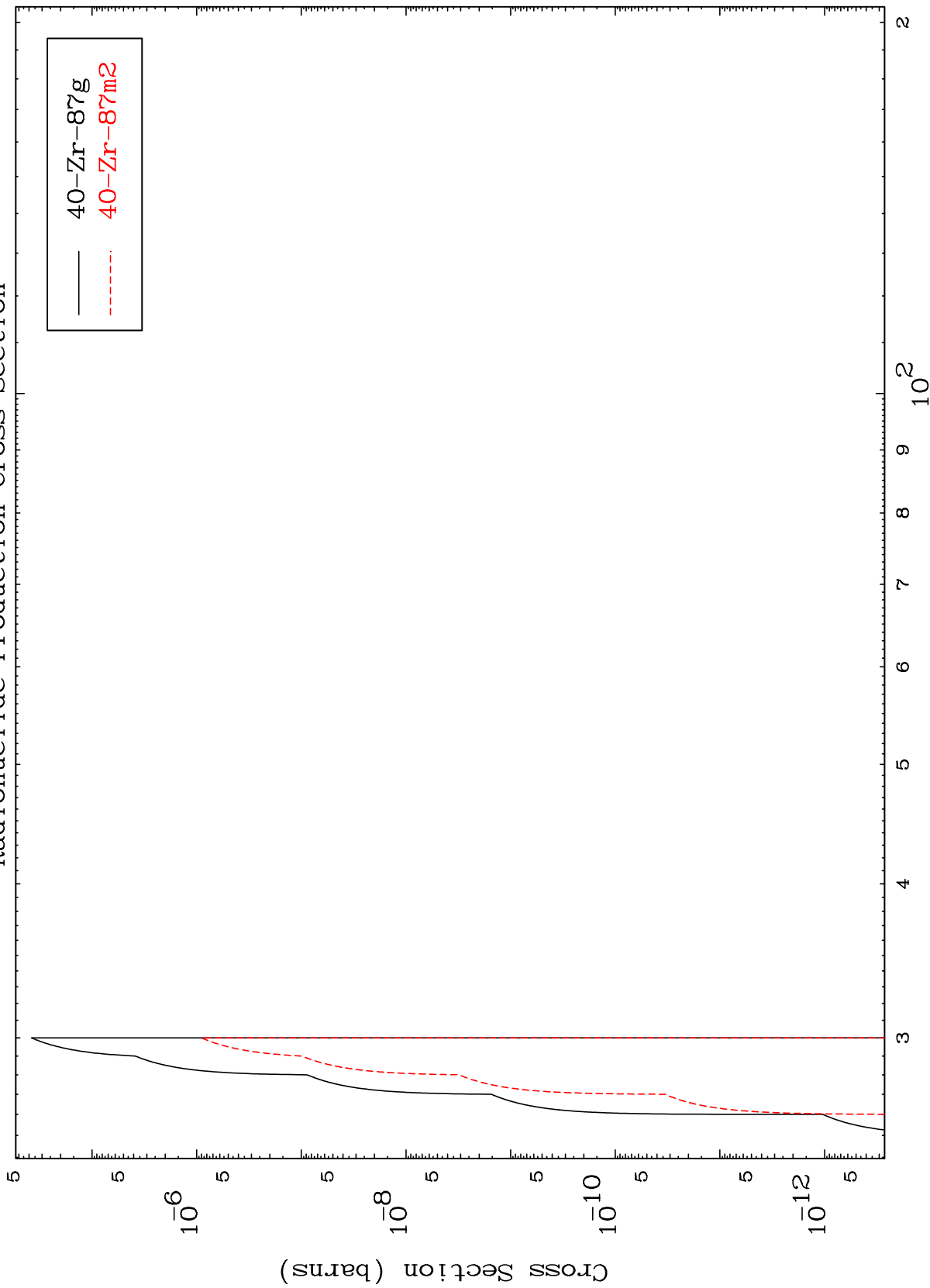
18

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(n,2n) d

41-Nb-90

Radionuclide Production Cross Section



19

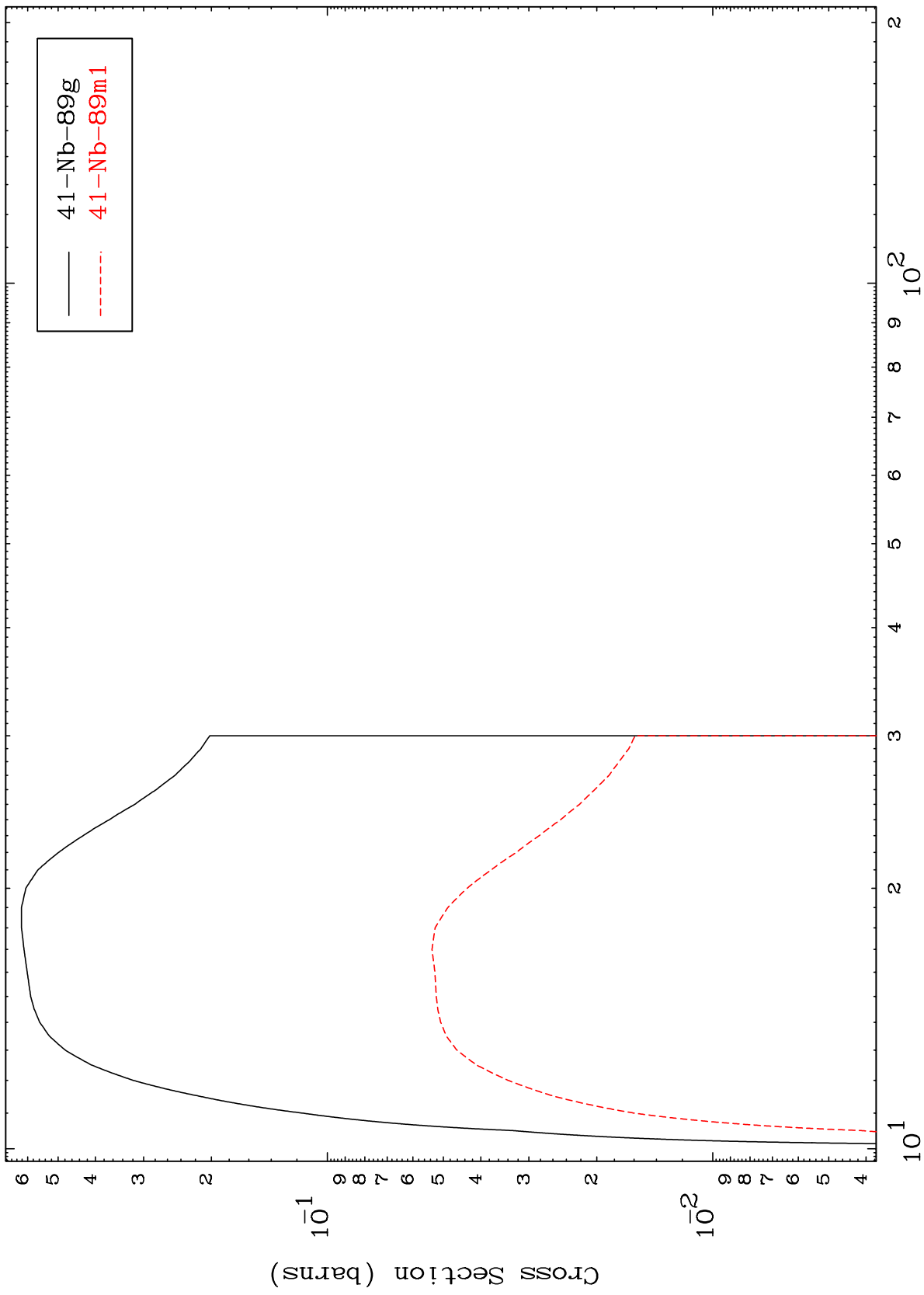
Incident Energy (MeV)

41-Nb-90

MAT 4117

41-Nb-90

(n,2n)
Radionuclide Production Cross Section



41-Nb-90

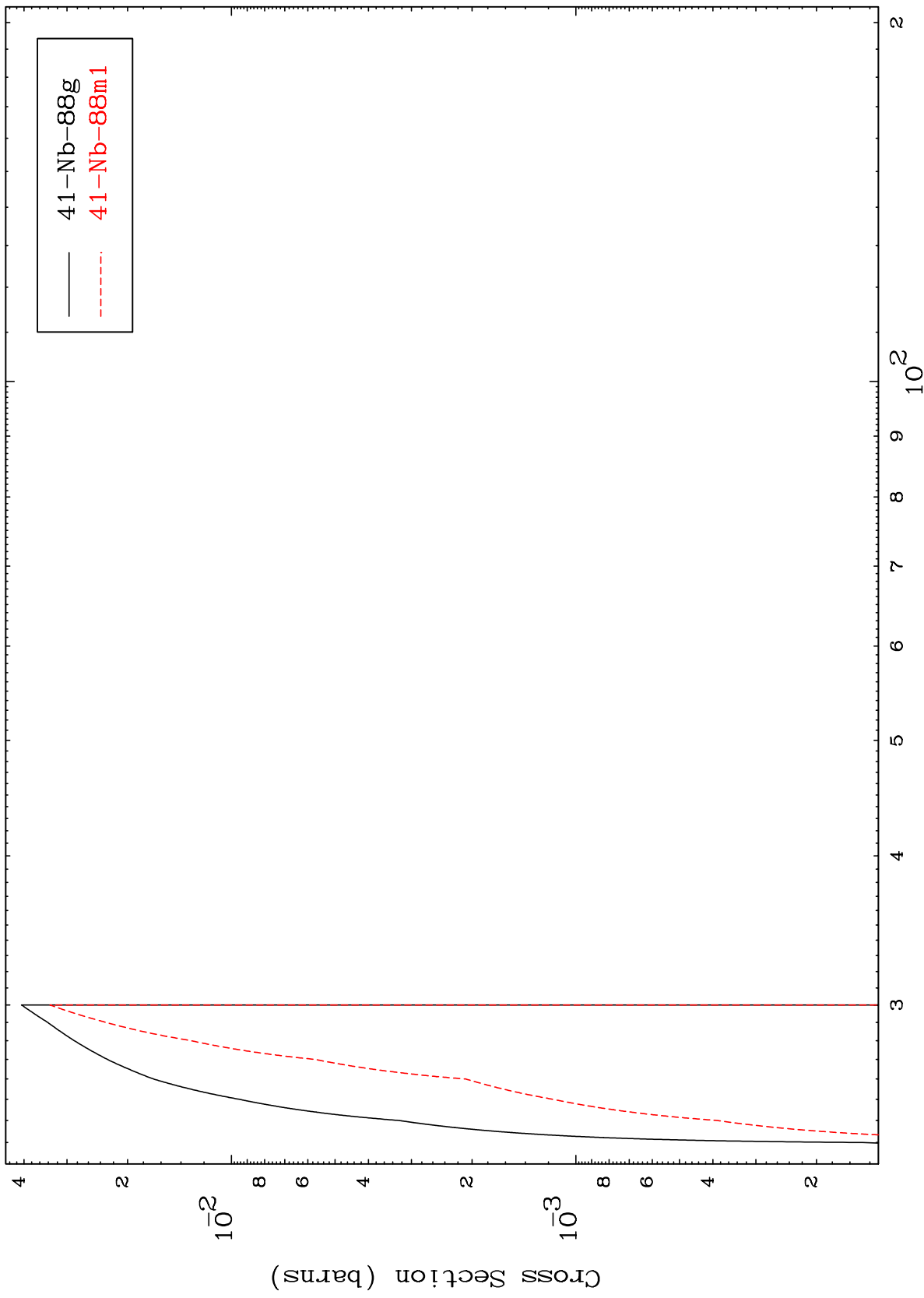
Incident Energy (MeV)

20

MAT 4117

41-Nb-90

(n,3n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

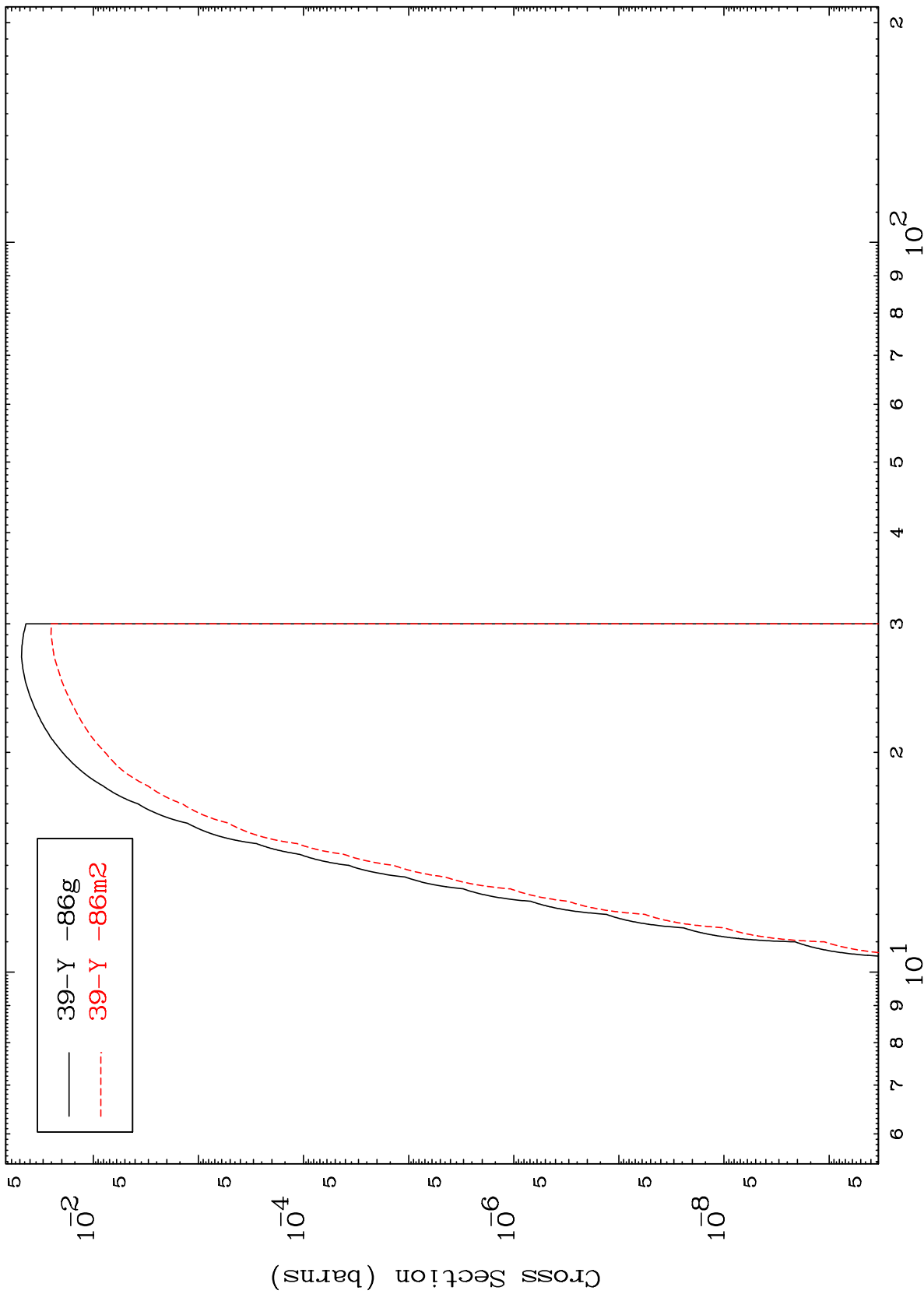
41-Nb-90

MAT 4117

$(n, n') \alpha$

41-Nb-90

Radionuclide Production Cross Section



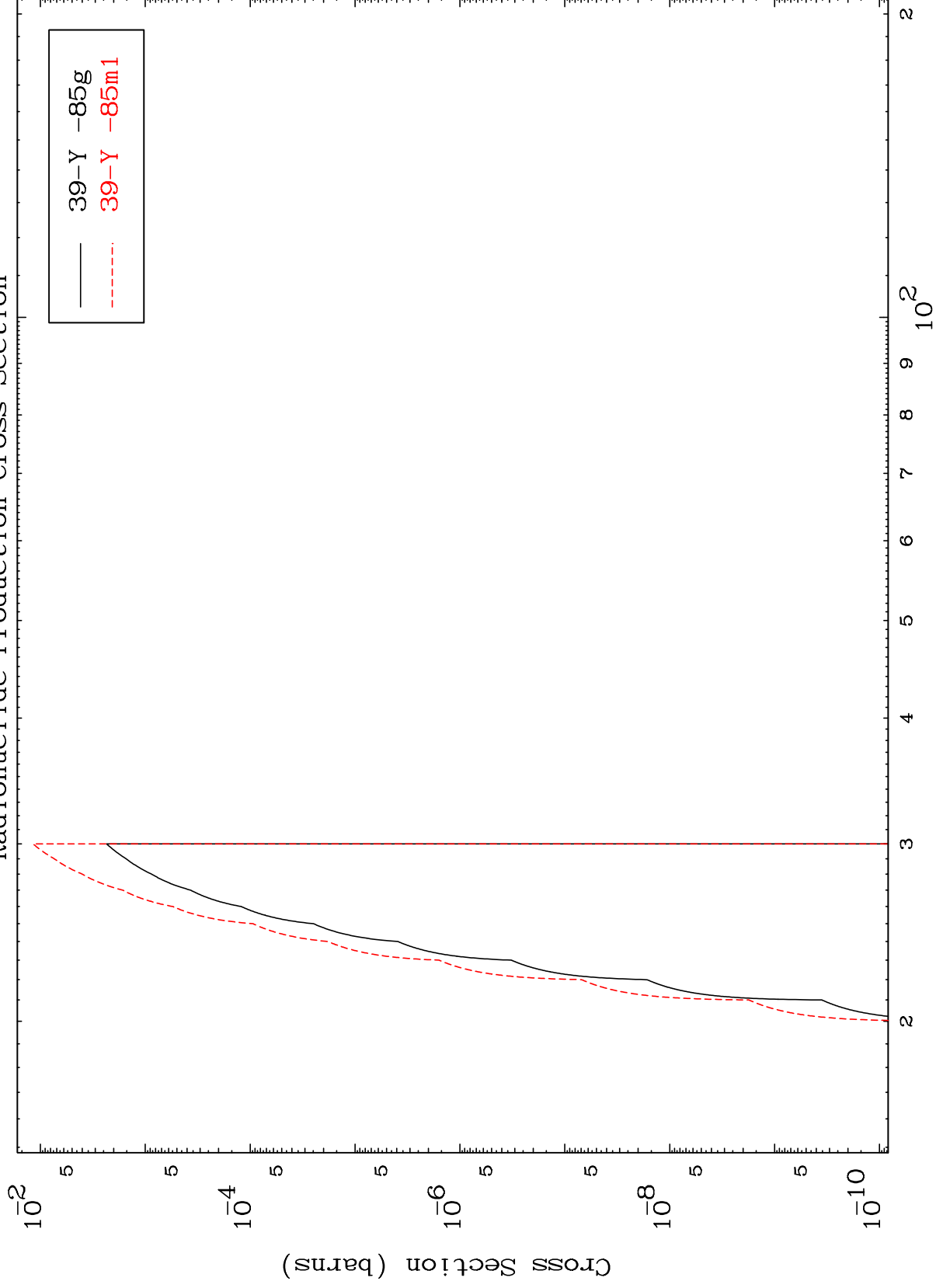
39-Y -86g
39-Y -86m2

MAT 4117

(n,2n) α

41-Nb-90

Radionuclide Production Cross Section

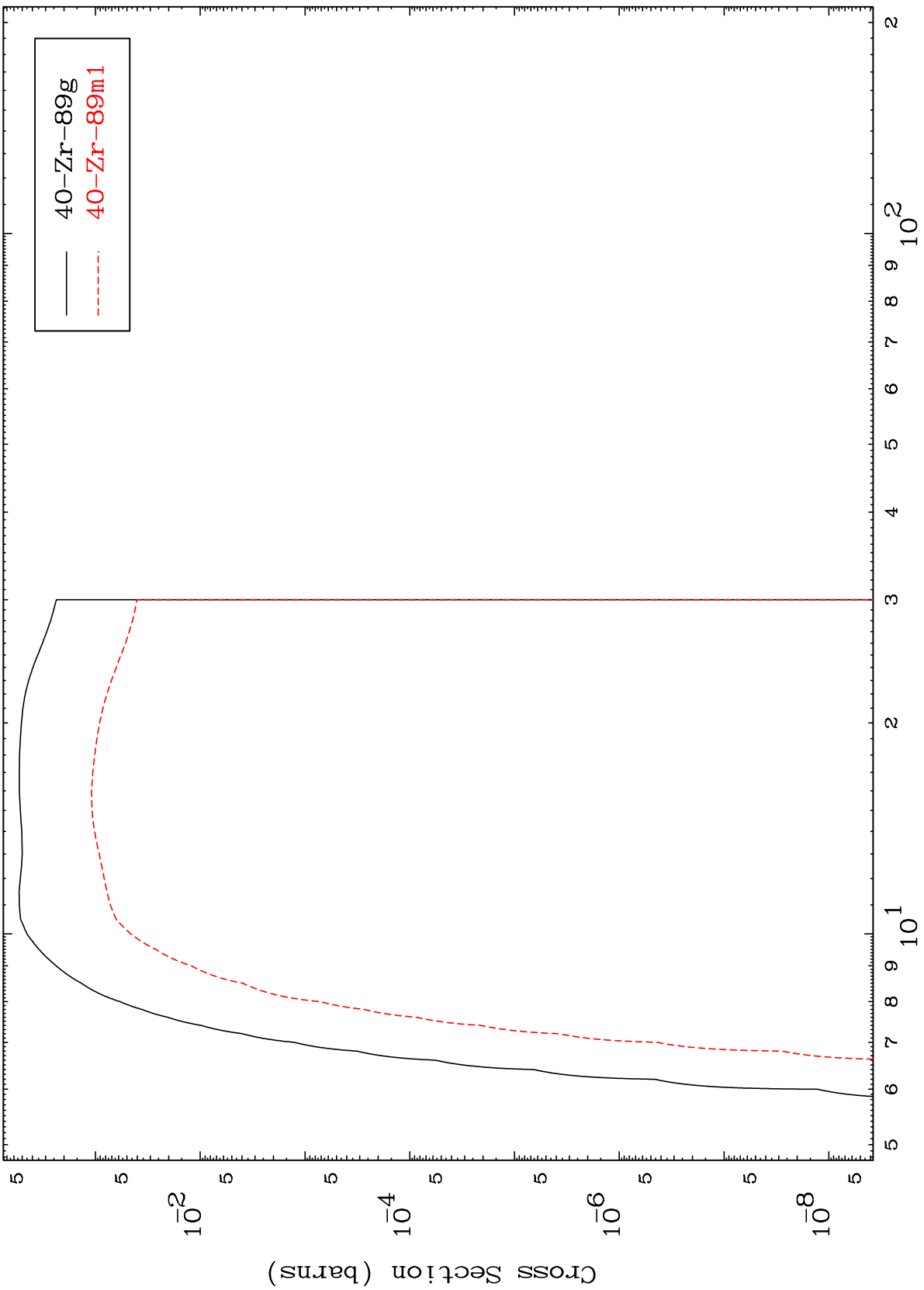


23

Incident Energy (MeV)

41-Nb-90

(n,n') p
Radionuclide Production Cross Section



— 40-Zr-89g
- - - 40-Zr-89m1

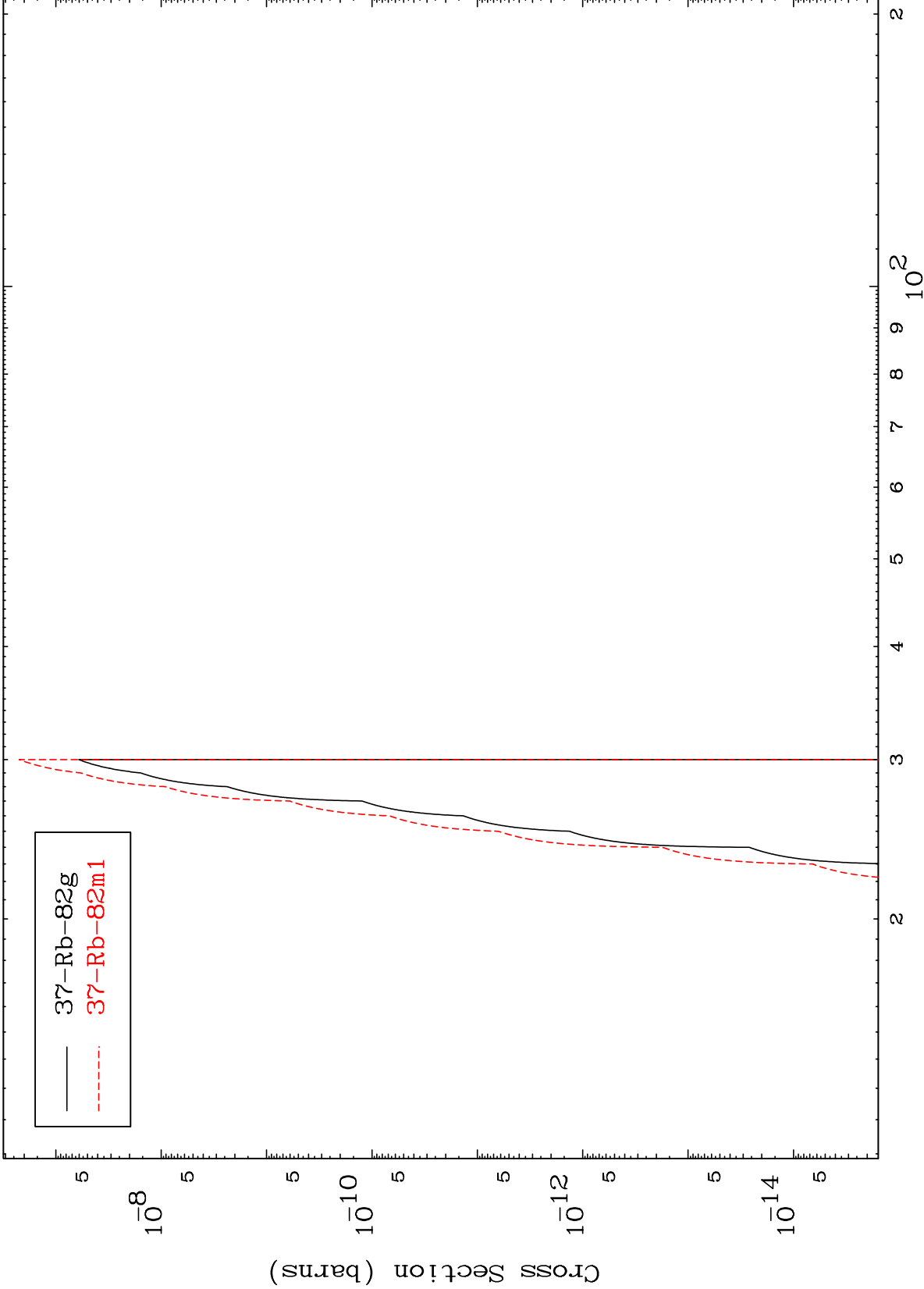
Incident Energy (MeV)

MAT 4117

(n,n') 2α

41-Nb-90

Radionuclide Production Cross Section

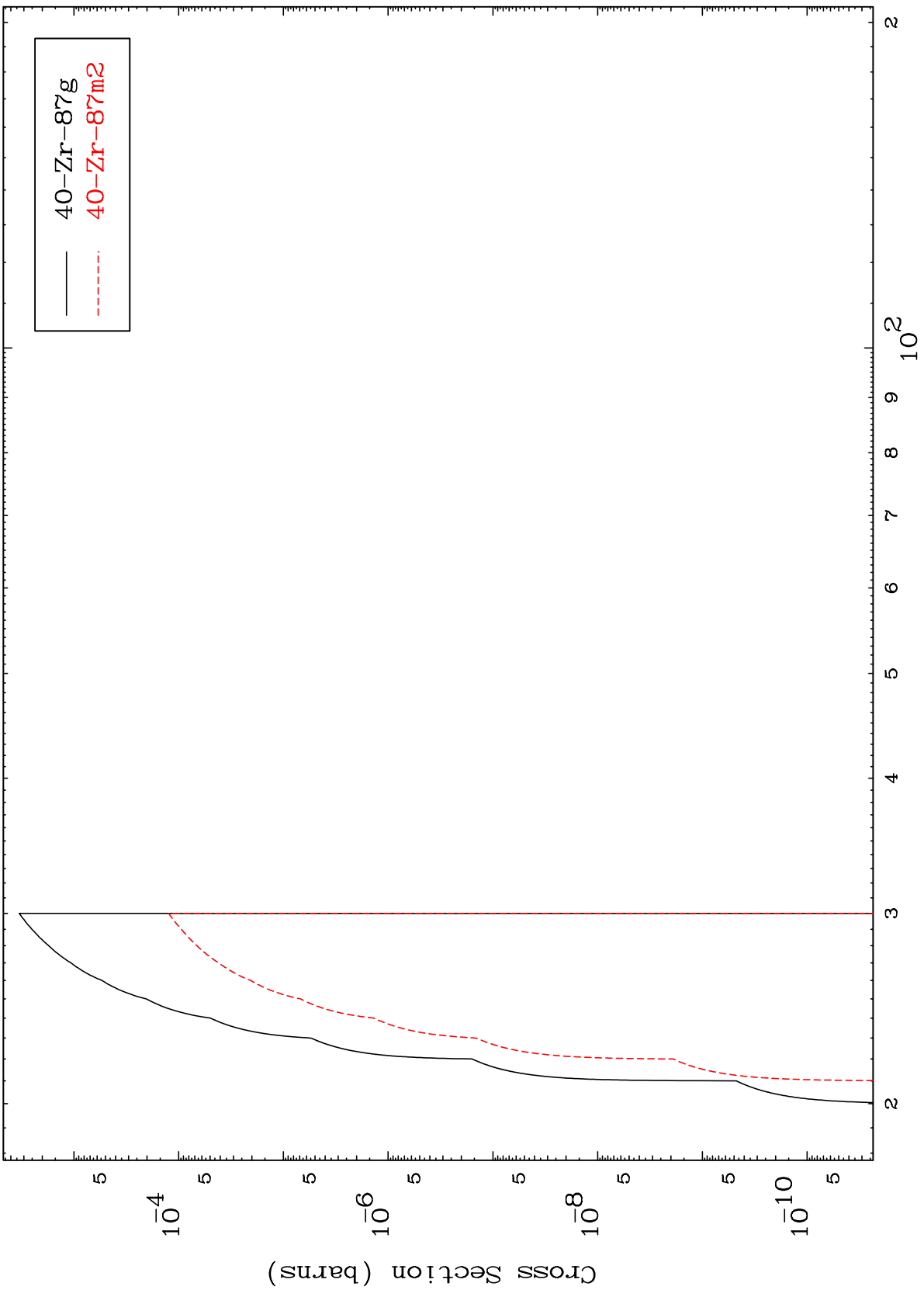


25

Incident Energy (MeV)

41-Nb-90

Radionuclide Production Cross Section



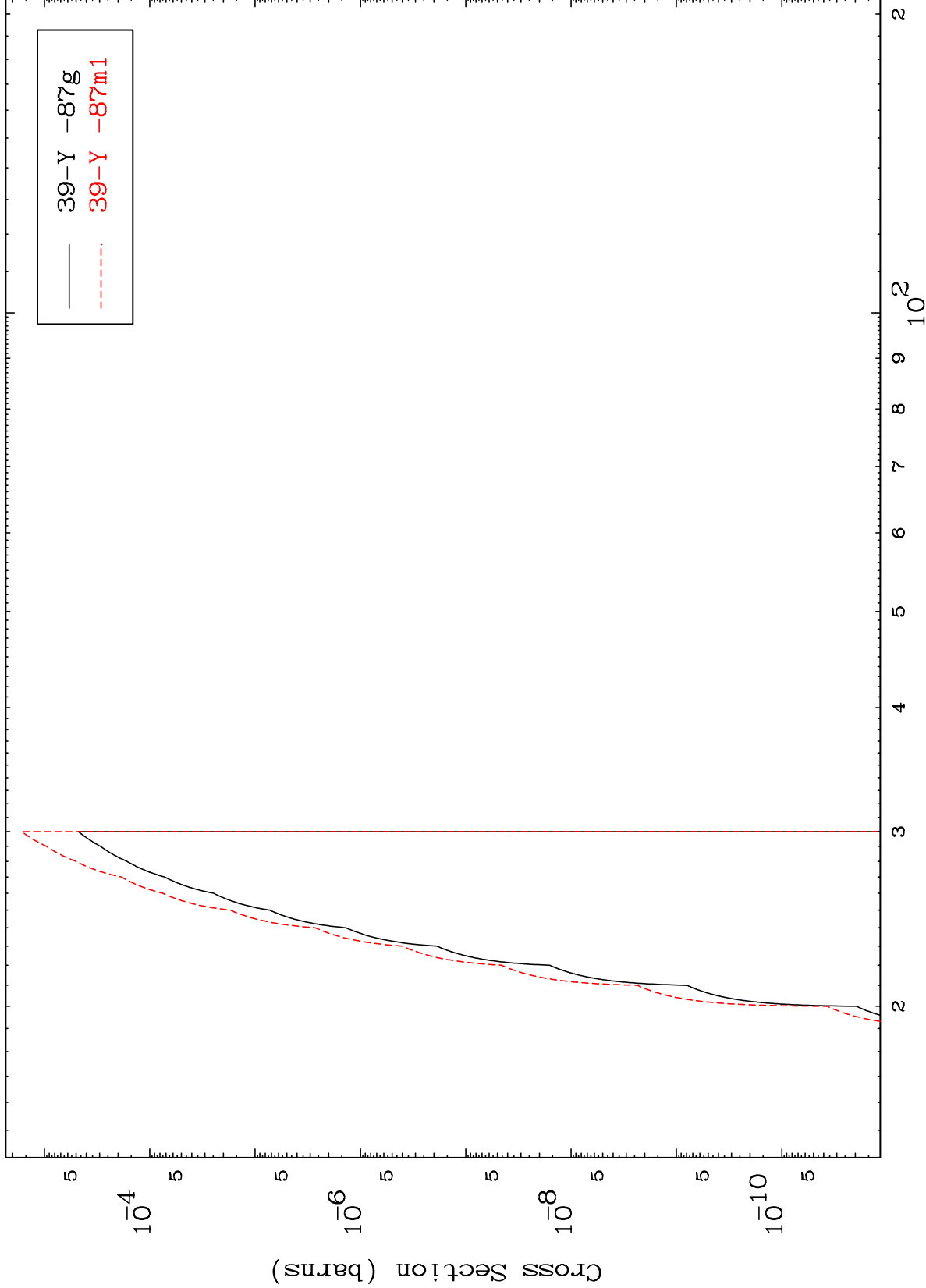
40-Zr-87g
40-Zr-87m2

MAT 4117

(n,n') He-3

41-Nb-90

Radionuclide Production Cross Section



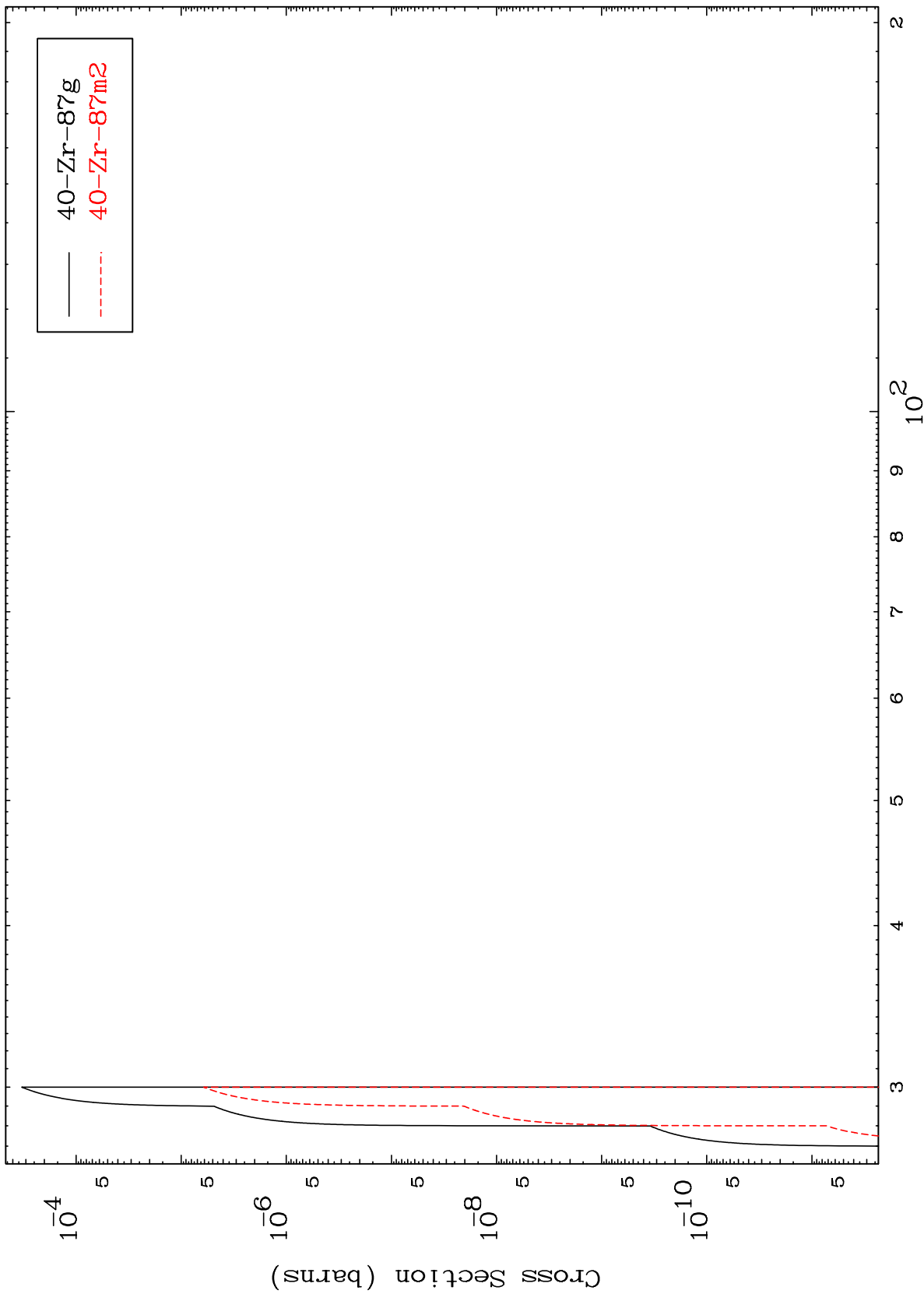
39-Y -87g
39-Y -87m1

27

Incident Energy (MeV)

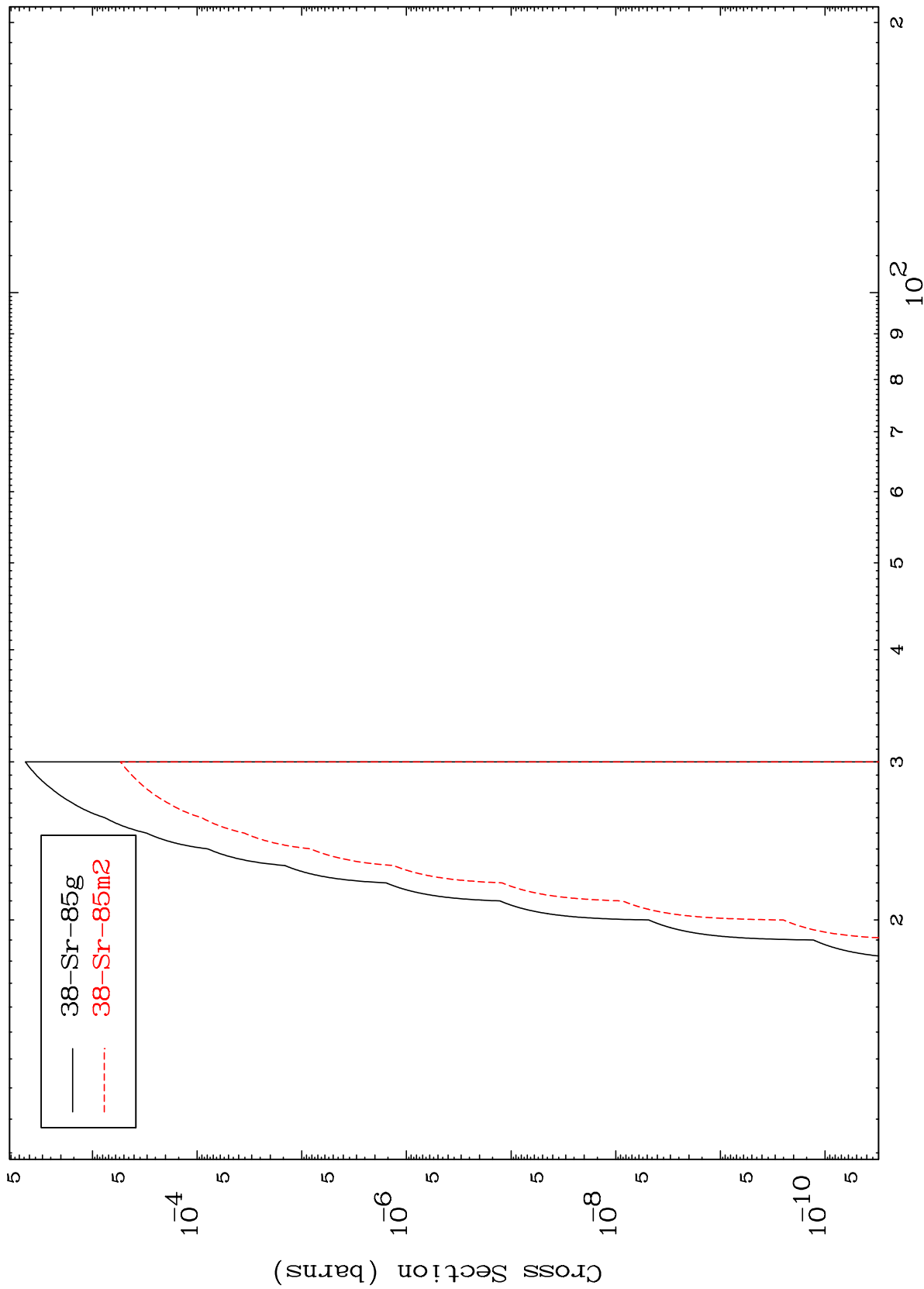
41-Nb-90

Radionuclide Production Cross Section



40-Zr-87g
40-Zr-87m2

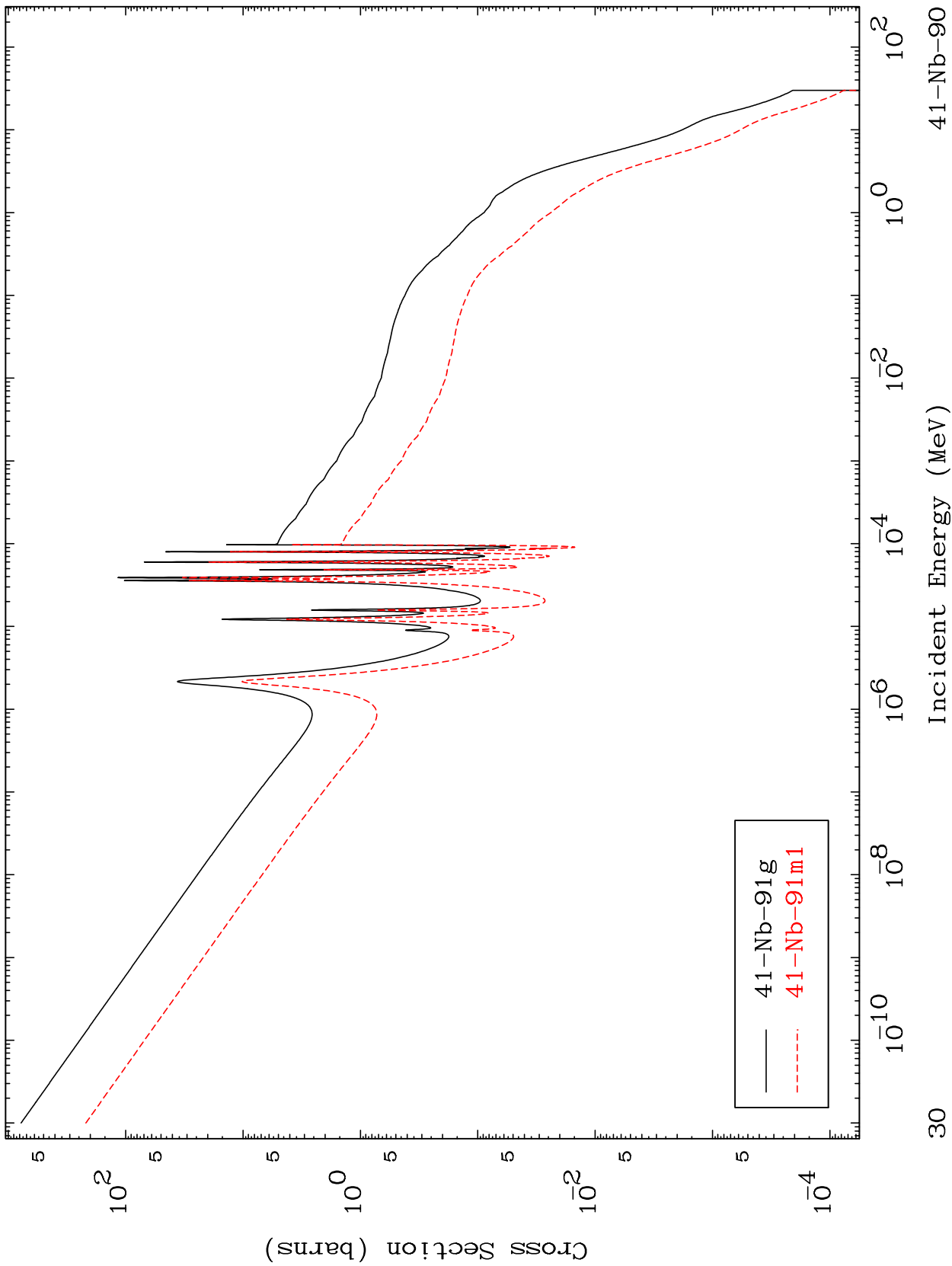
Radionuclide Production Cross Section



MAT 4117

41-Nb-90

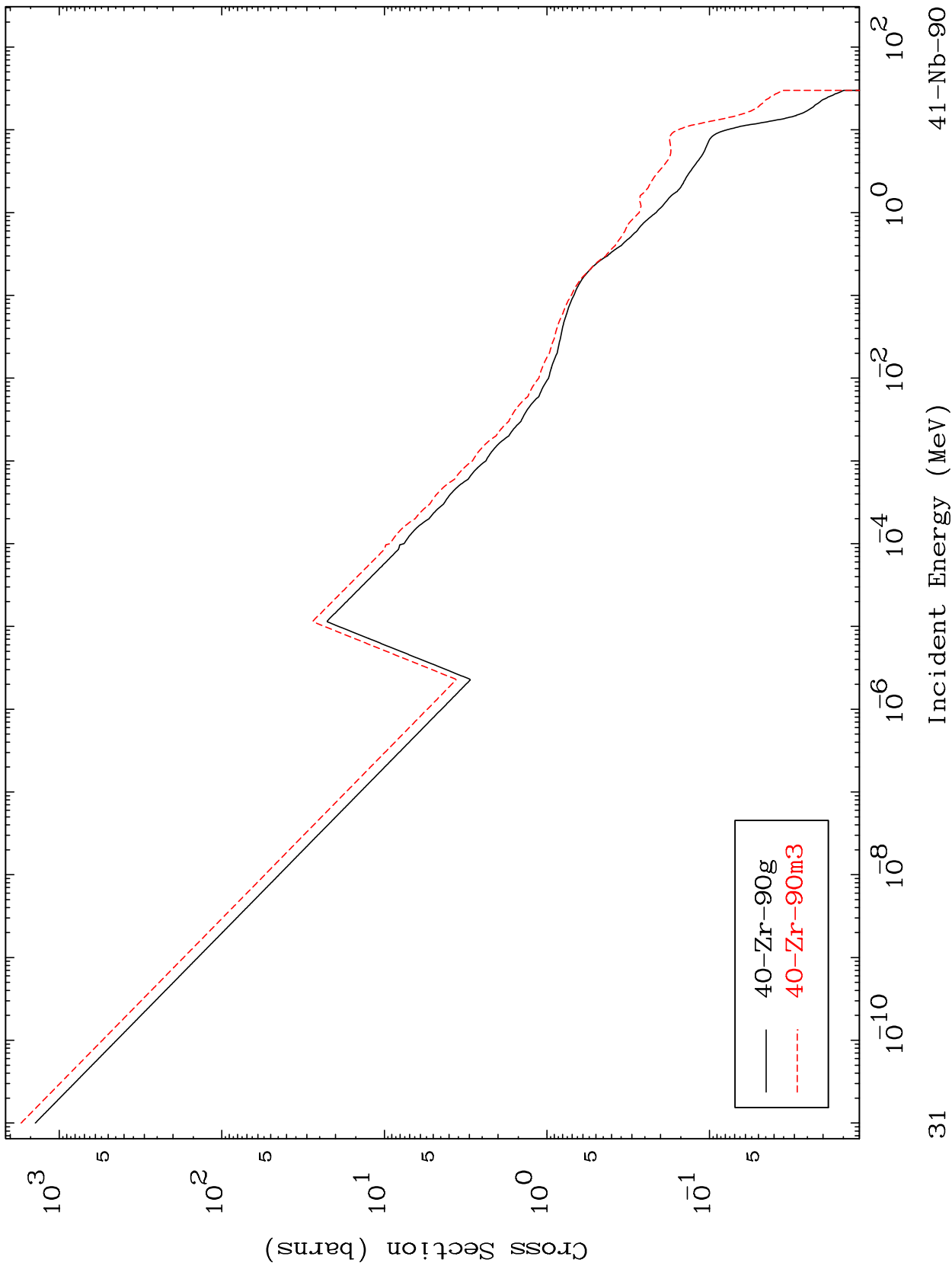
(n, γ)
Radionuclide Production Cross Section



MAT 4117

41-Nb-90

(n,p)
Radionuclide Production Cross Section

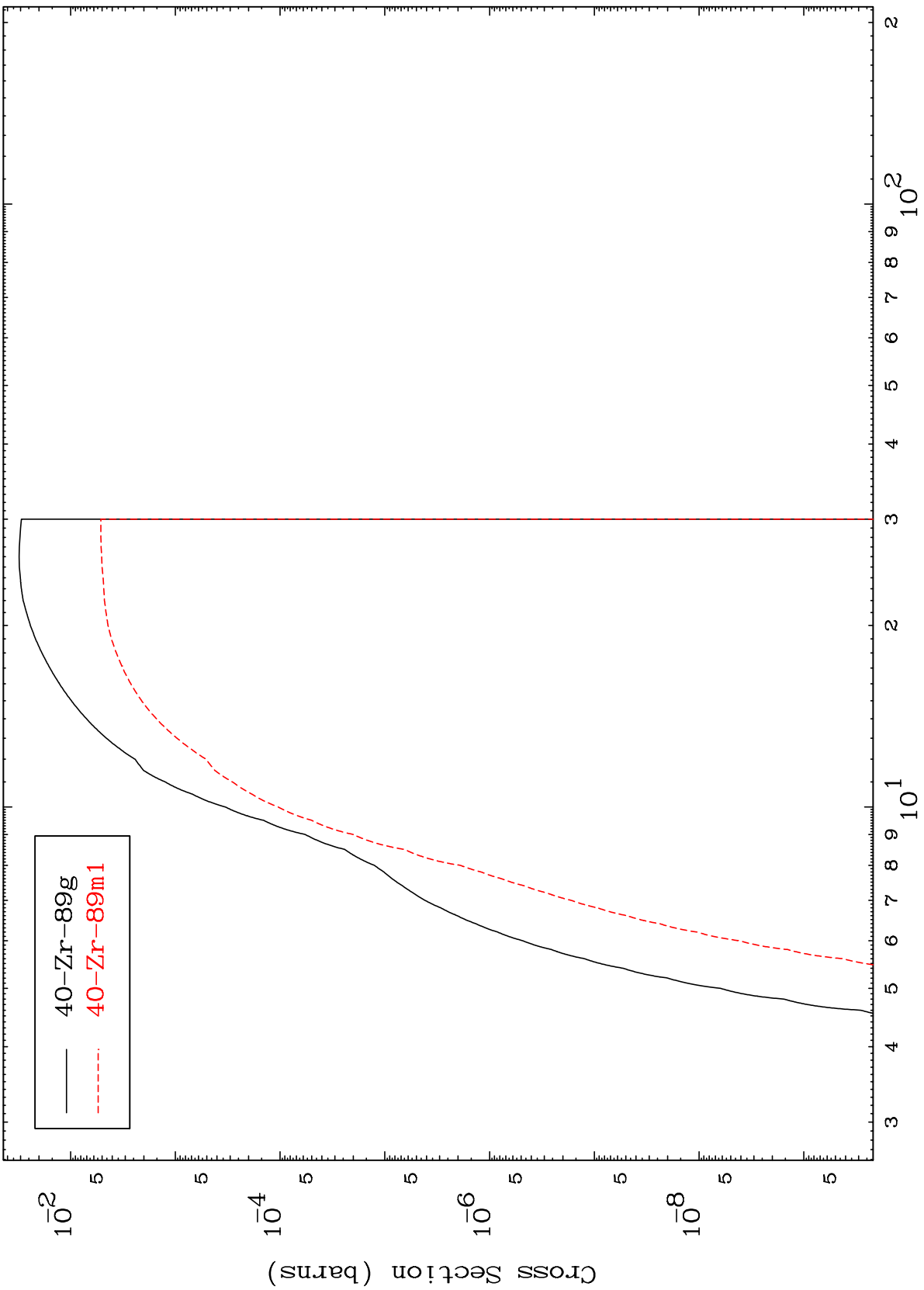


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(n,d)

41-Nb-90

Radionuclide Production Cross Section



32

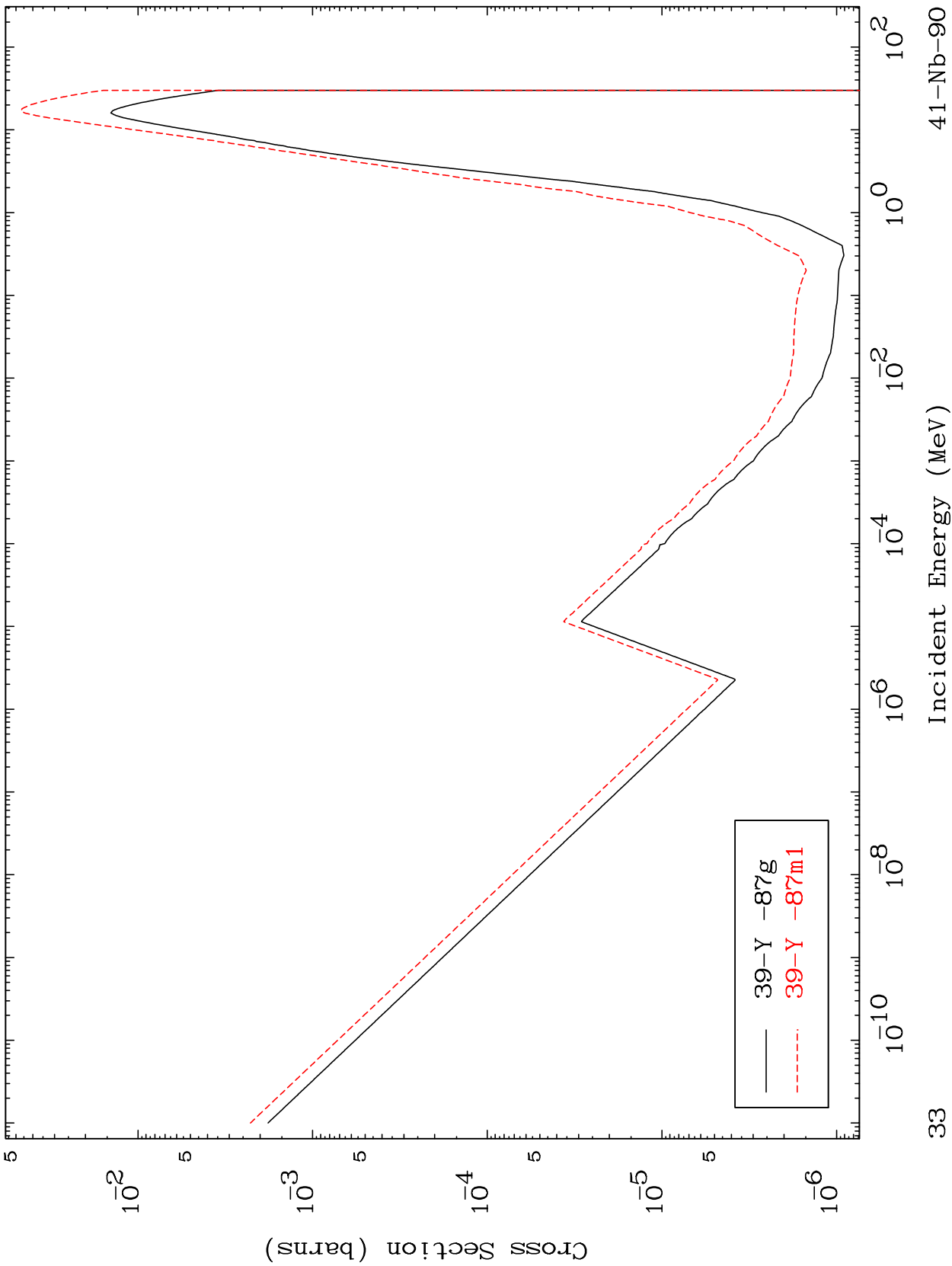
Incident Energy (MeV)

41-Nb-90

MAT 4117

41-Nb-90

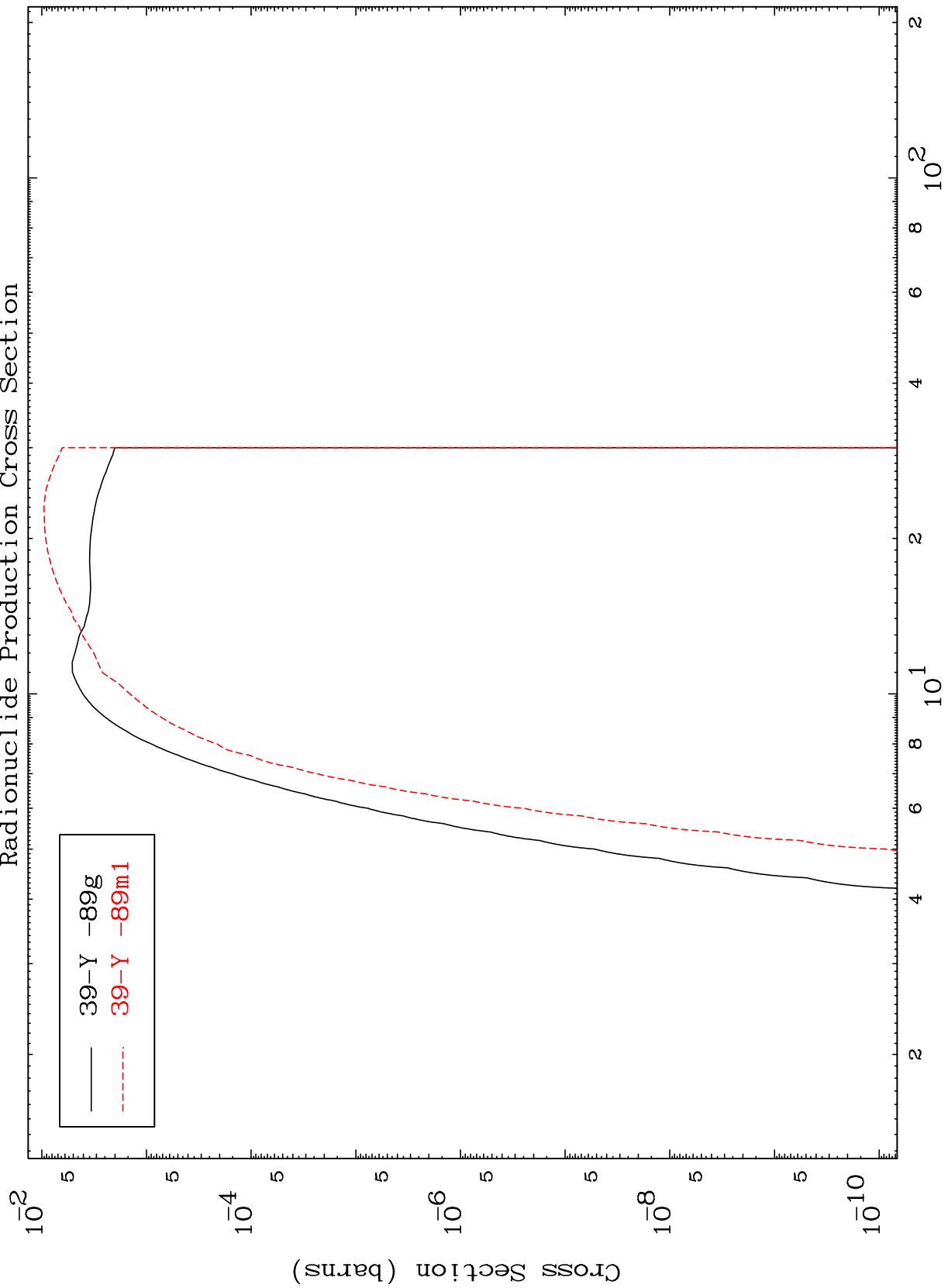
Radionuclide Production Cross Section
(n, α)



MAT 4117

41-Nb-90

Radionuclide Production Cross Section
(n,2p)



— 39-Y -89g
- - - 39-Y -89m1

34

Incident Energy (MeV)

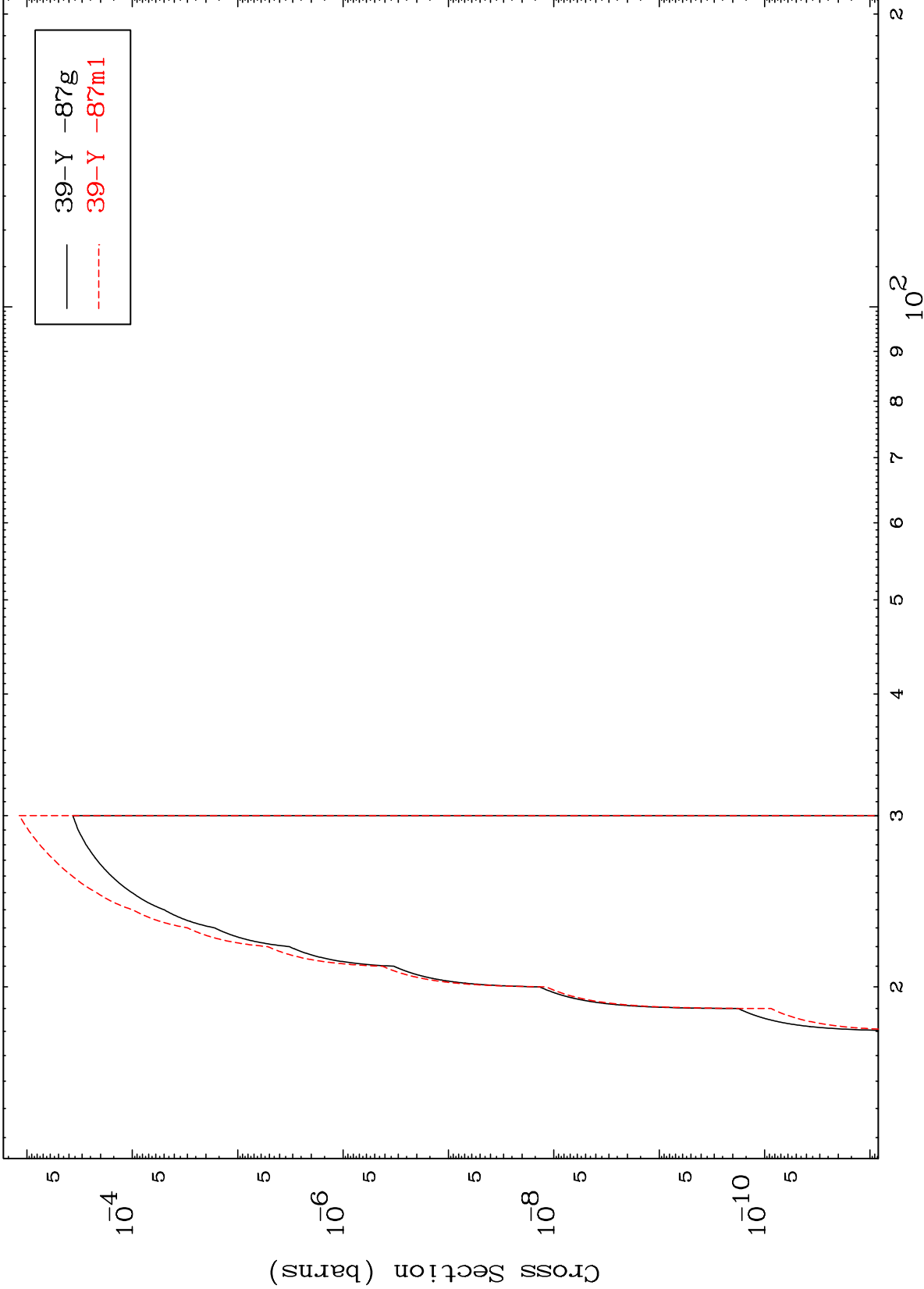
41-Nb-90

MAT 41117

(n,p) t

41-Nb-90

Radionuclide Production Cross Section



35

Incident Energy (MeV)

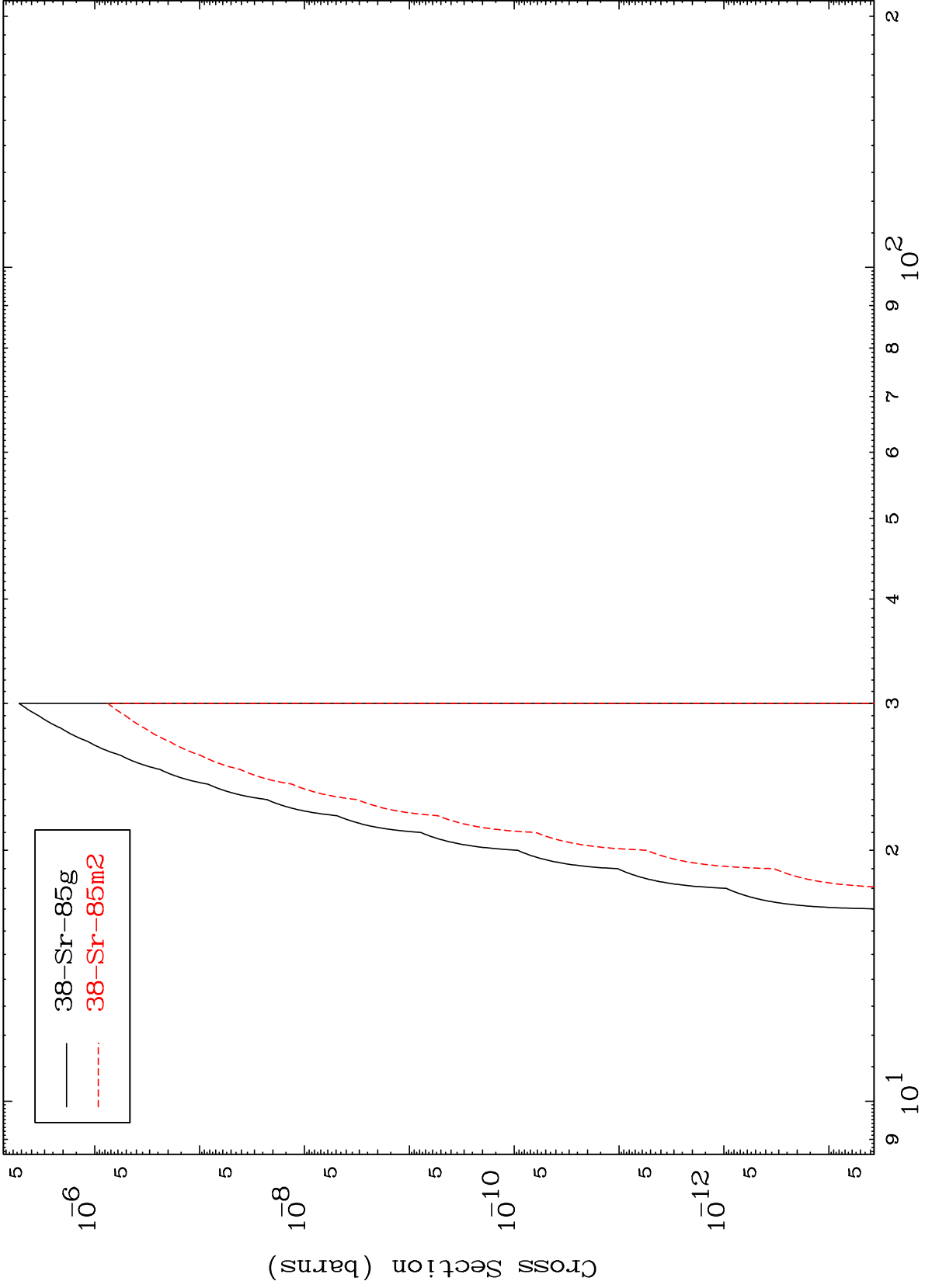
41-Nb-90

MAT 4117

(n,d) α

41-Nb-90

Radionuclide Production Cross Section



36

Incident Energy (MeV)

41-Nb-90