

Program EVALPLOT
(Version 2021-1)

by

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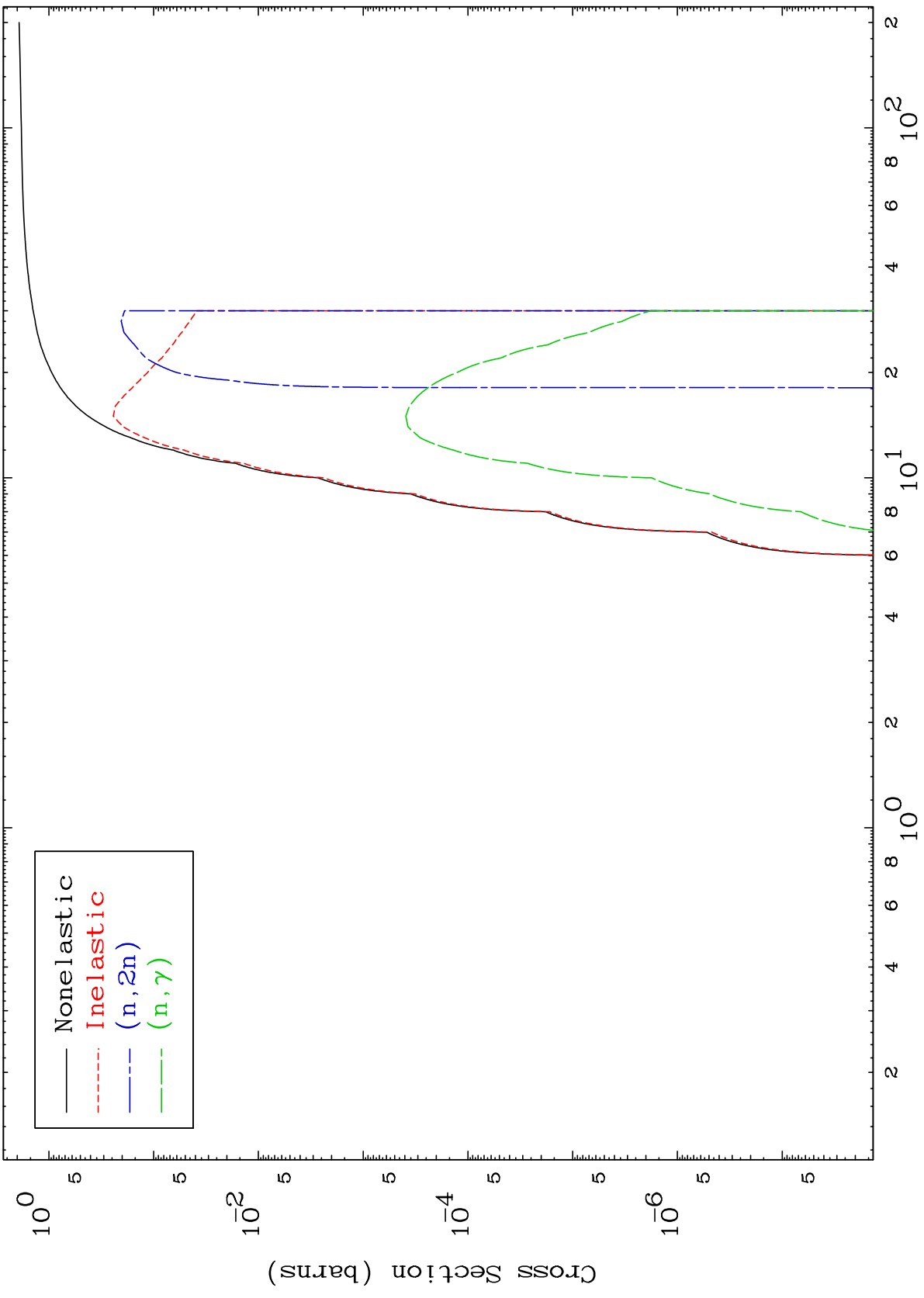
Press Mouse Button to Start

MAT 4117

α Major

41-Nb-90m

0 Kelvin Cross Sections

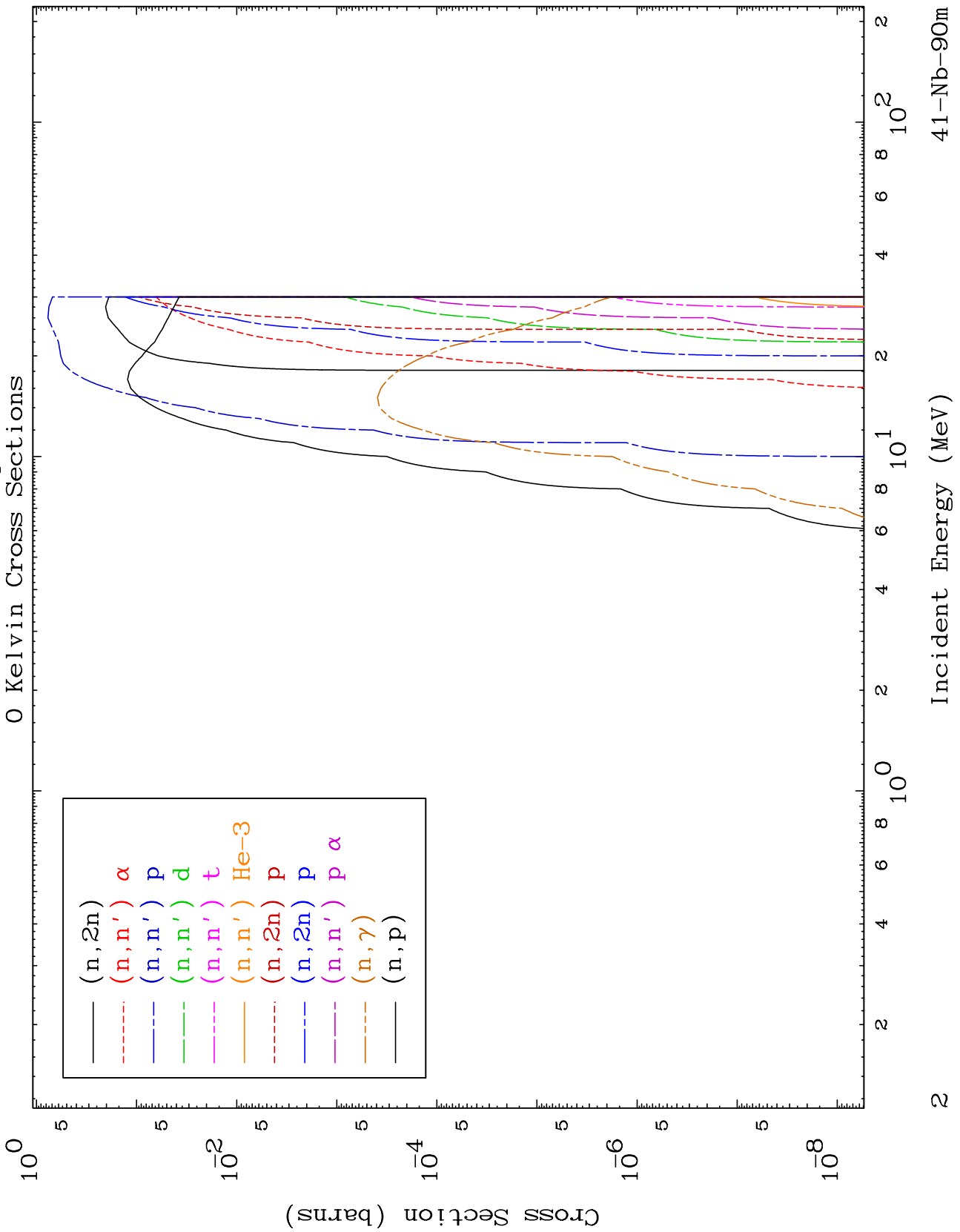


Legend:
— Nonelastic
- - - Inelastic
- - - $(n, 2n)$
- - - (n, γ)

MAT 4117

α Neutron Absorption

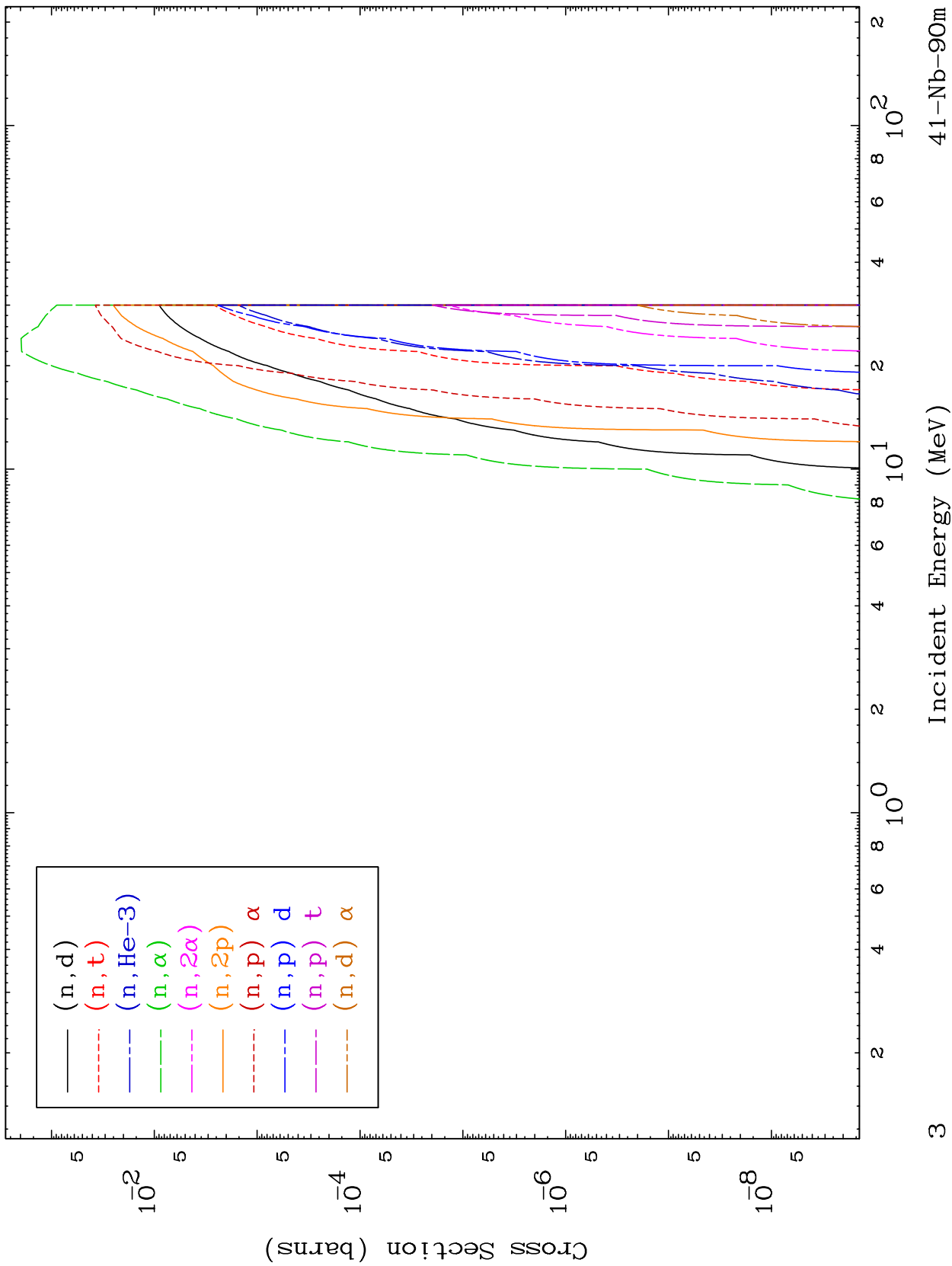
41-Nb-90m



MAT 4117

α Neutron Absorption
0 Kelvin Cross Sections

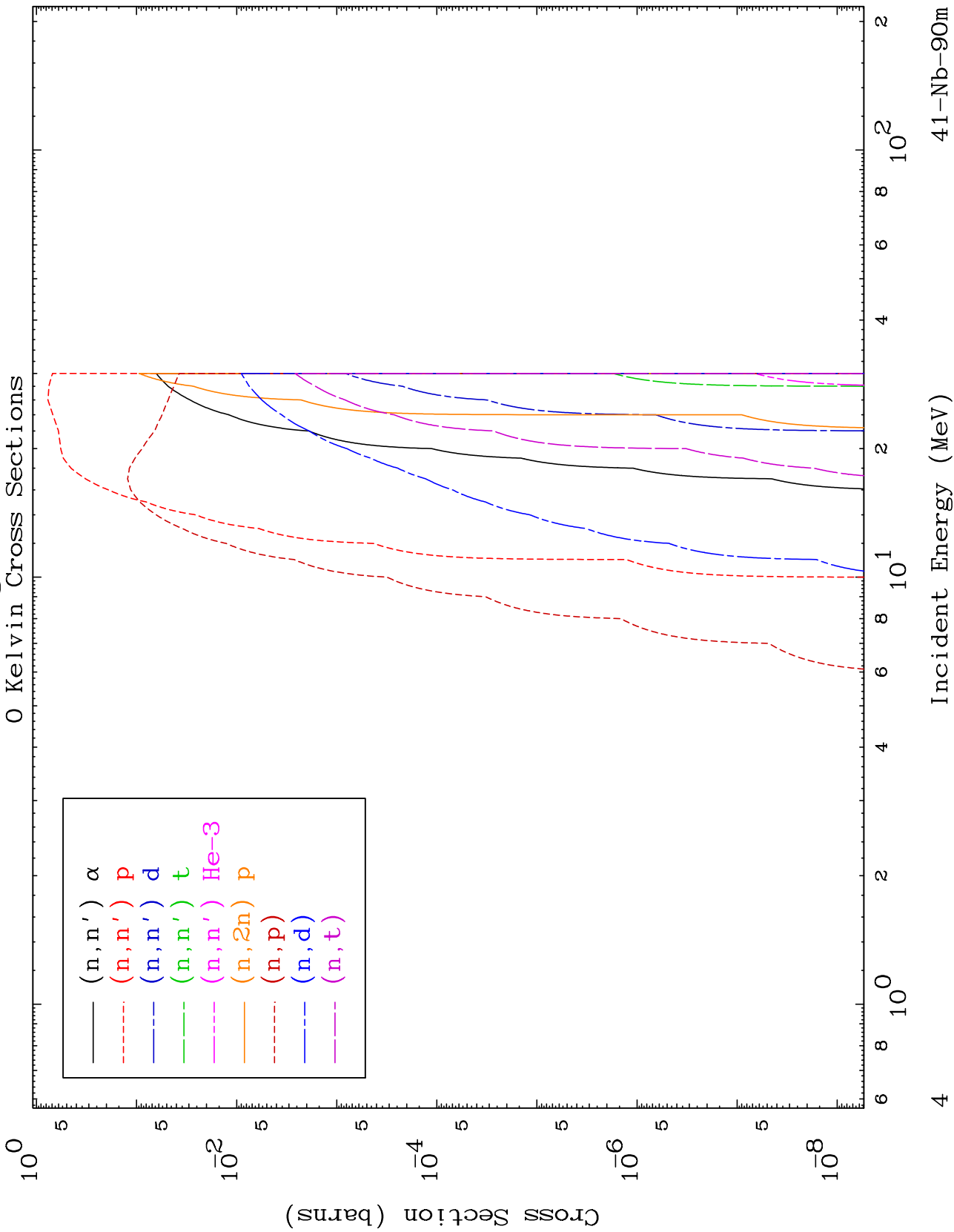
41-Nb-90m



MAT 4117

α Charged Particle
0 Kelvin Cross Sections

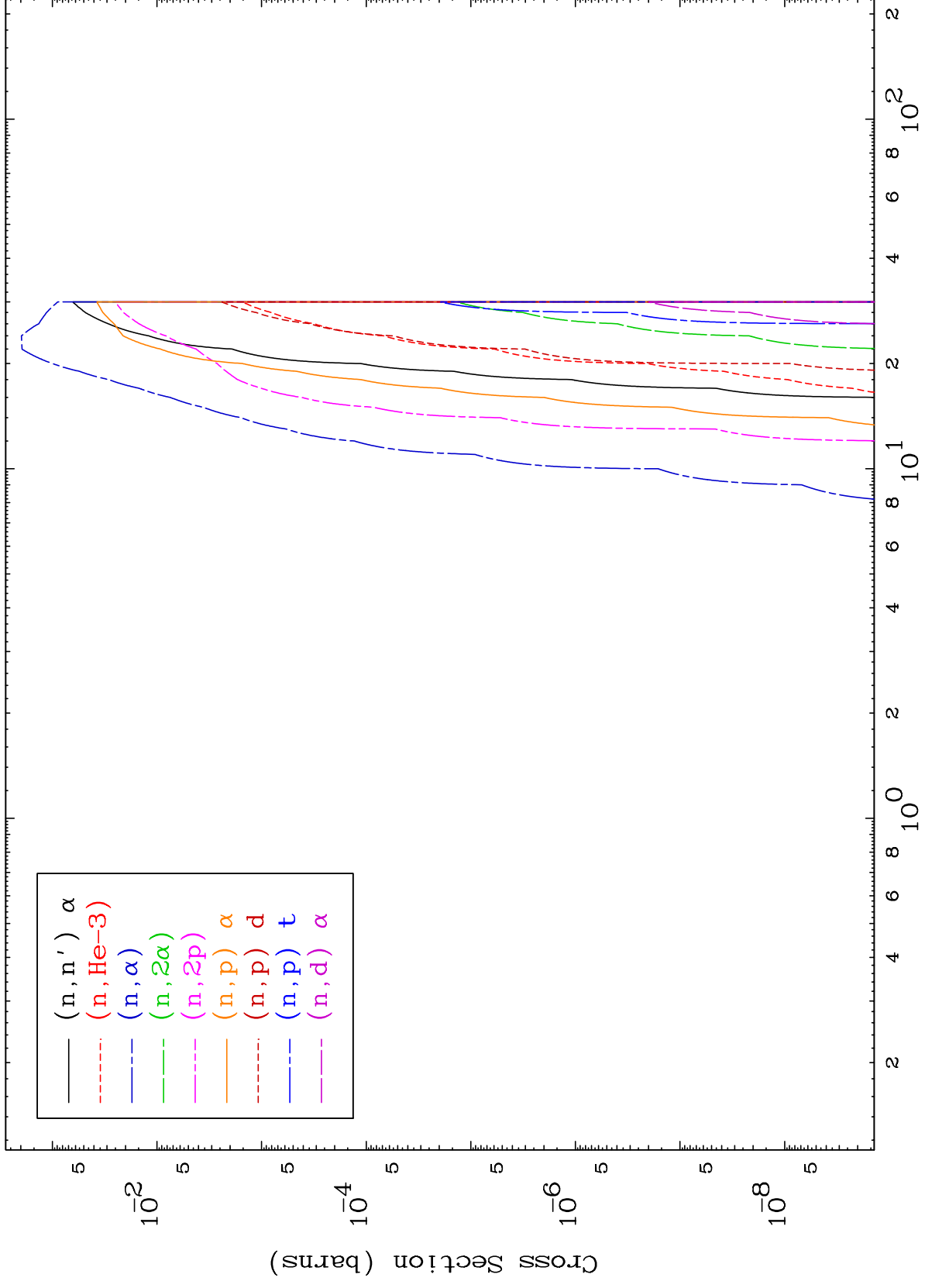
41-Nb-90m



MAT 4117

α Charged Particle
0 Kelvin Cross Sections

41-Nb-90m



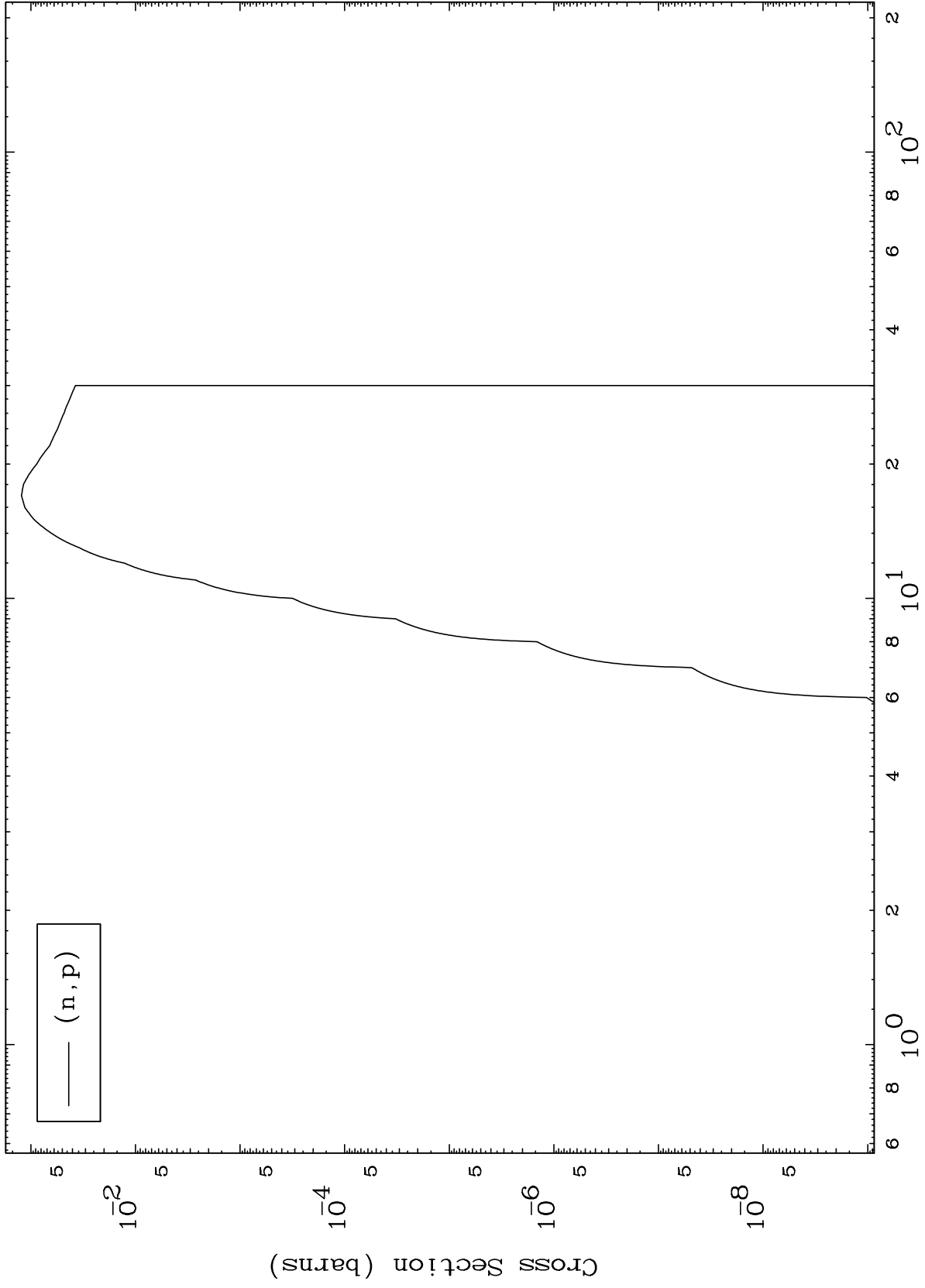
Incident Energy (MeV)

41-Nb-90m

MAT 4117

(α, p) Levels
0 Kelvin Cross Sections

41-Nb-90m



Incident Energy (MeV)

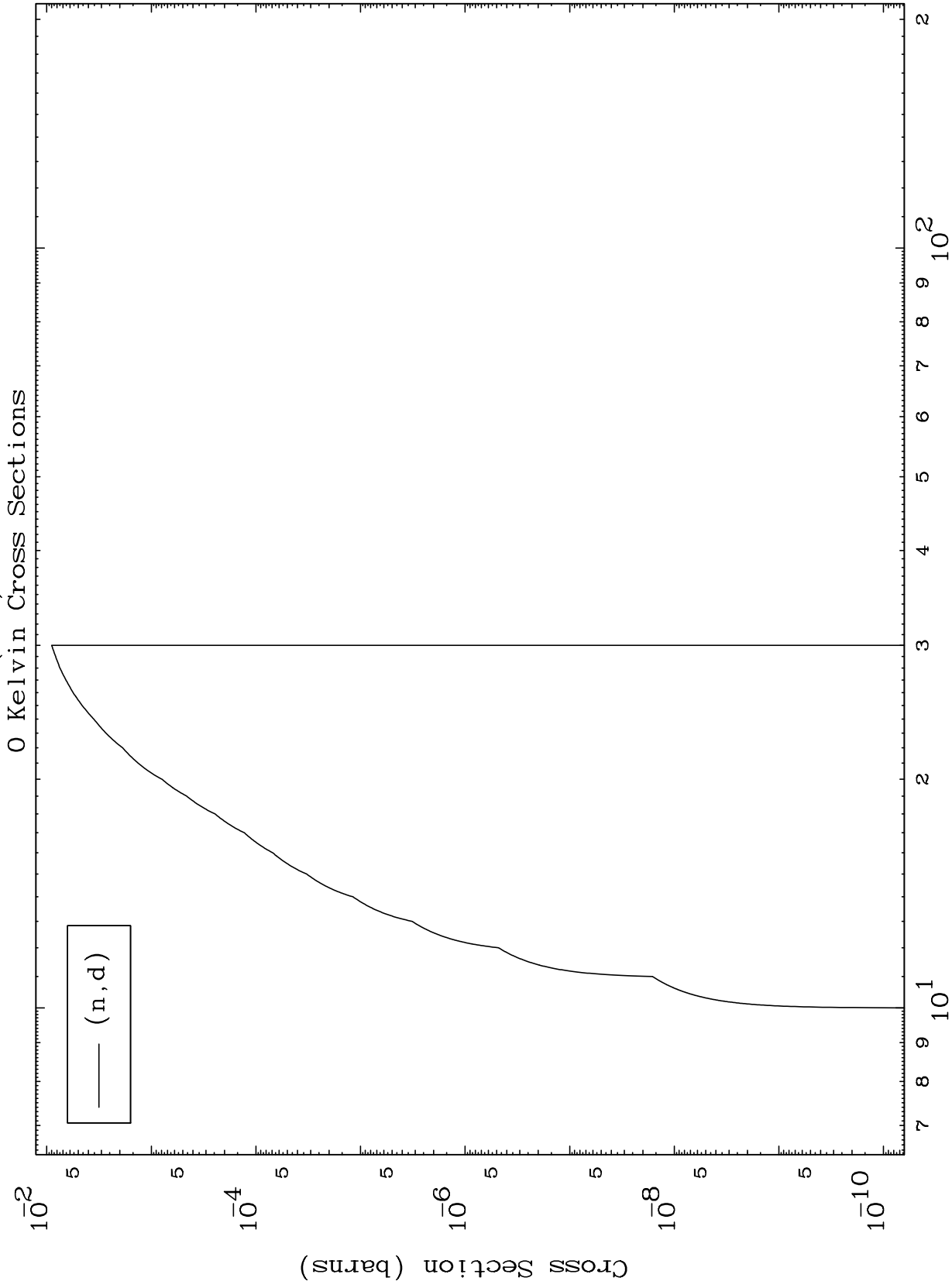
41-Nb-90m

6

MAT 4117

(α, d) Levels

41-Nb-90m



7

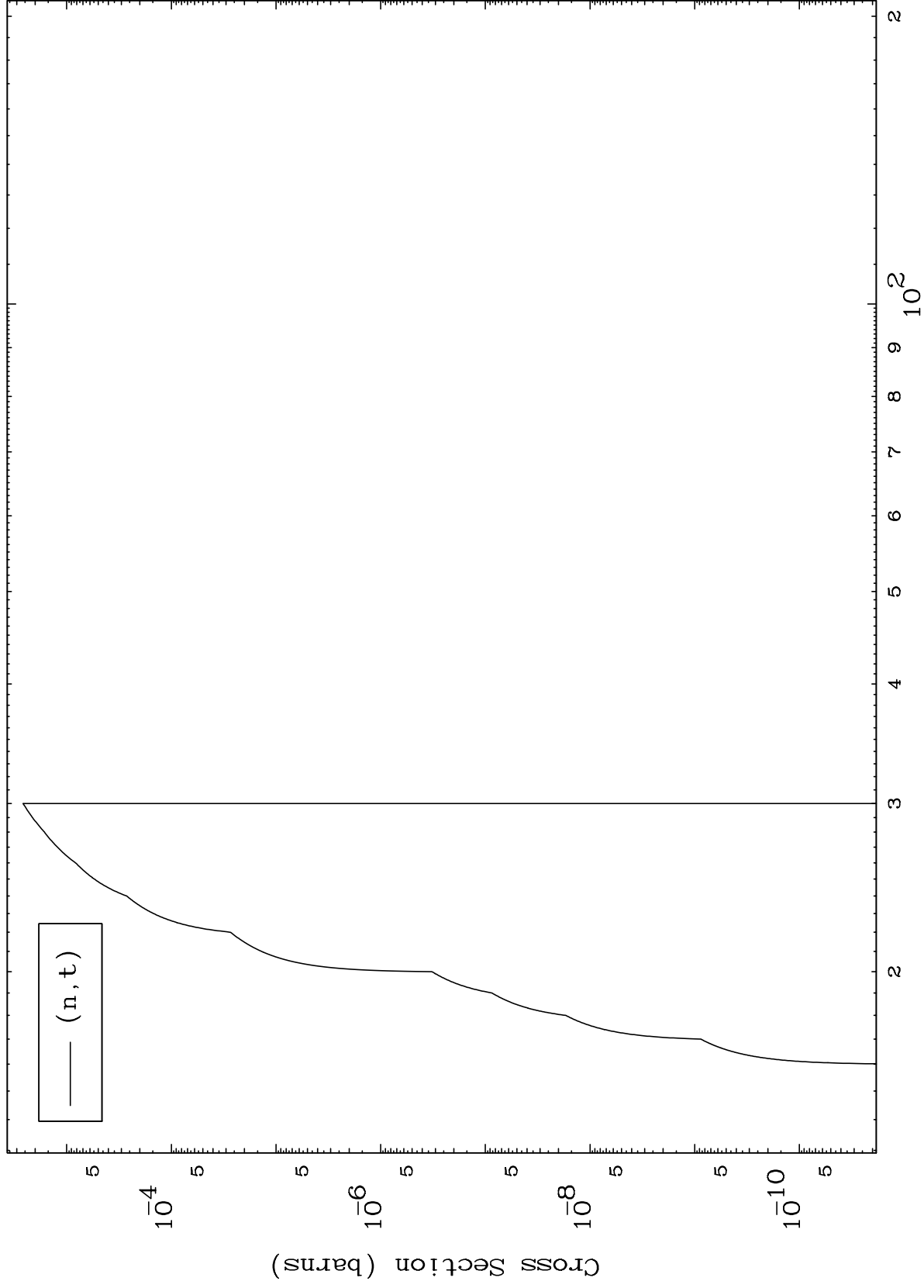
Incident Energy (MeV)

41-Nb-90m

MAT 4117

(α, t) Levels
0 Kelvin Cross Sections

41-Nb-90m



8

Incident Energy (MeV)

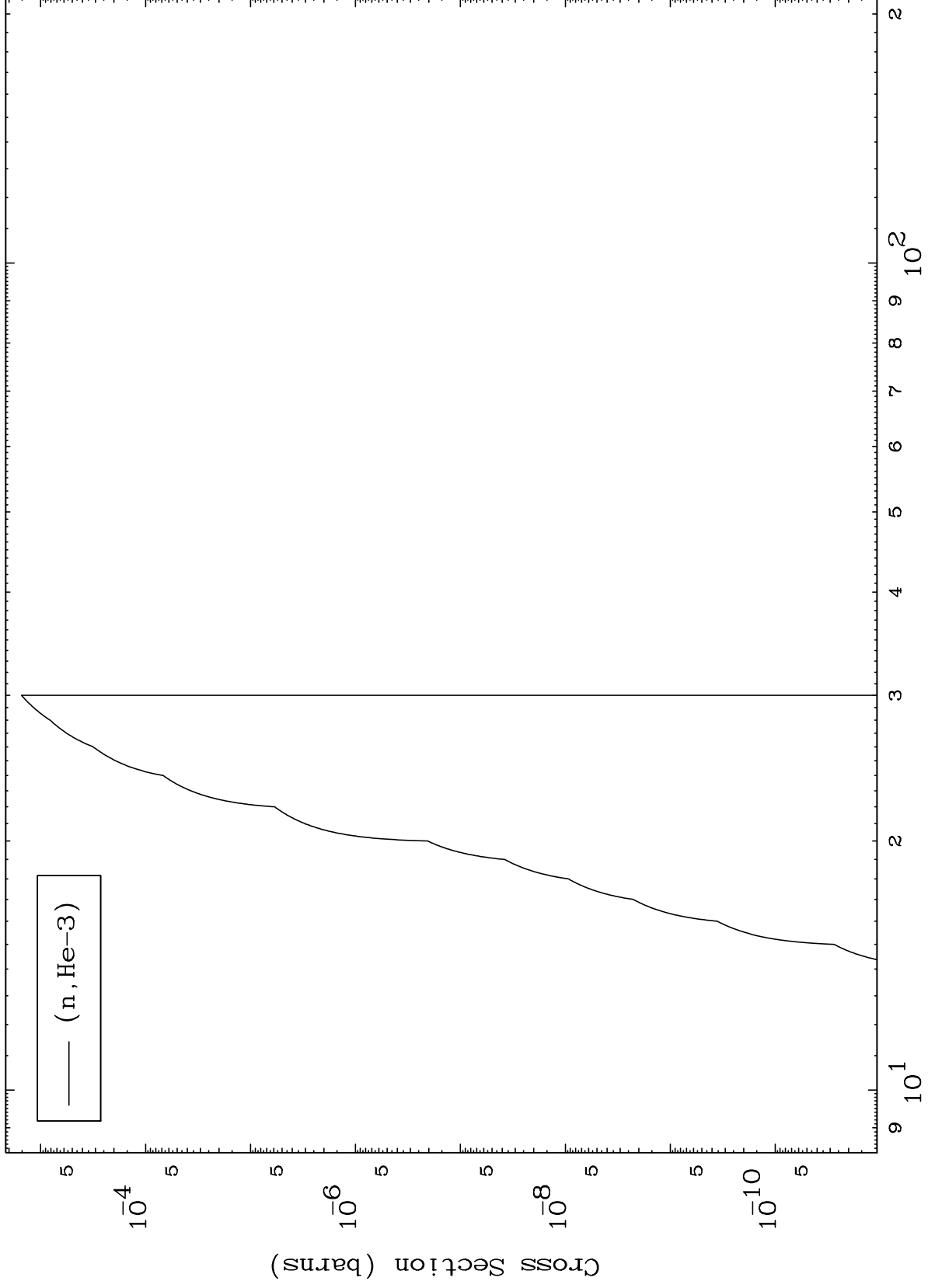
41-Nb-90m

MAT 4117

($\alpha, \text{He}3$) Levels

41-Nb-90m

0 Kelvin Cross Sections



9

Incident Energy (MeV)

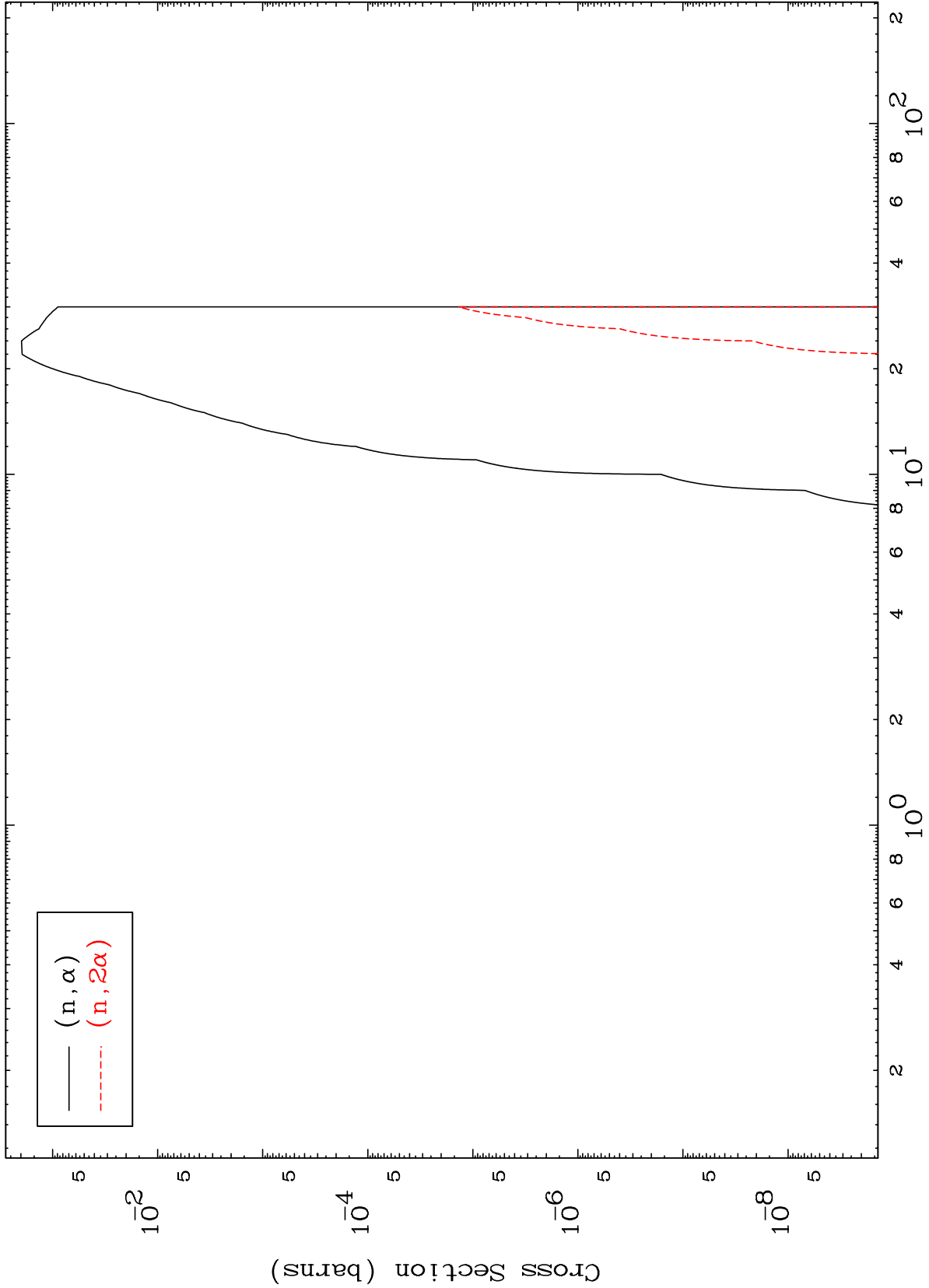
41-Nb-90m

MAT 4117

(α, α) Levels

41-Nb-90m

0 Kelvin Cross Sections



10

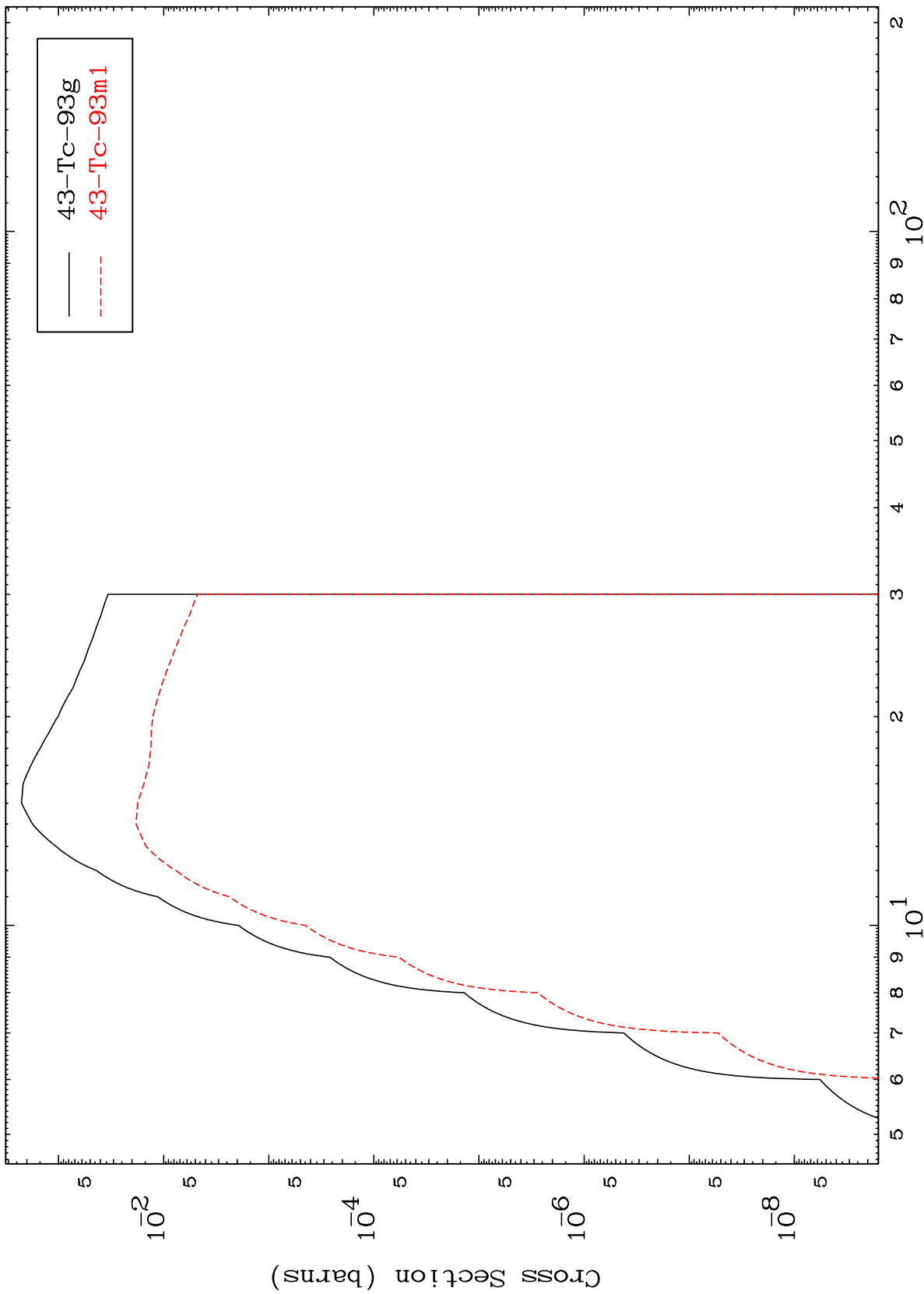
Incident Energy (MeV)

41-Nb-90m

MAT 4117

41-Nb-90m

Inelastic
Radionuclide Production Cross Section



11

Incident Energy (MeV)

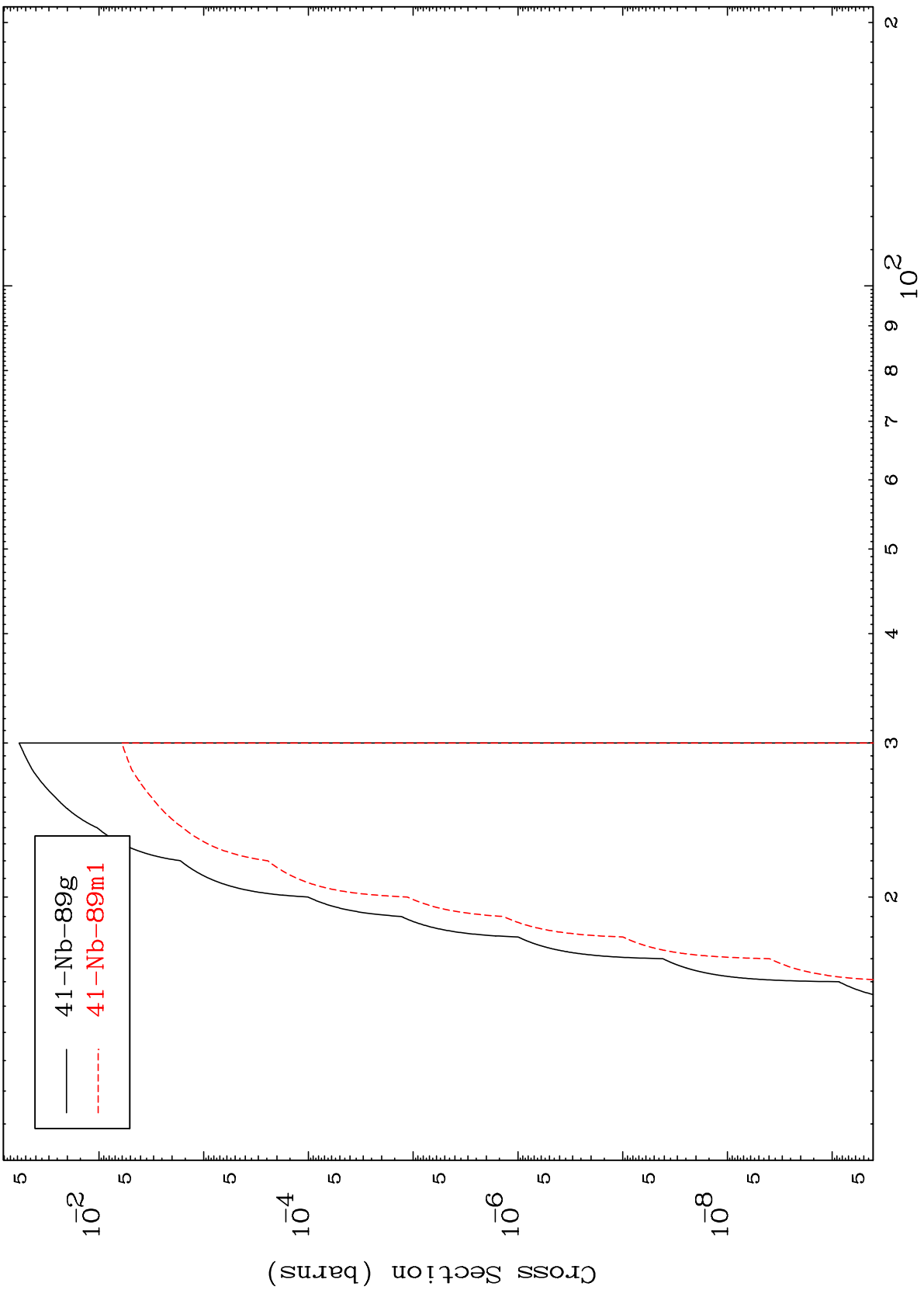
41-Nb-90m

MAT 4117

$(n, n') \alpha$

41-Nb-90m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

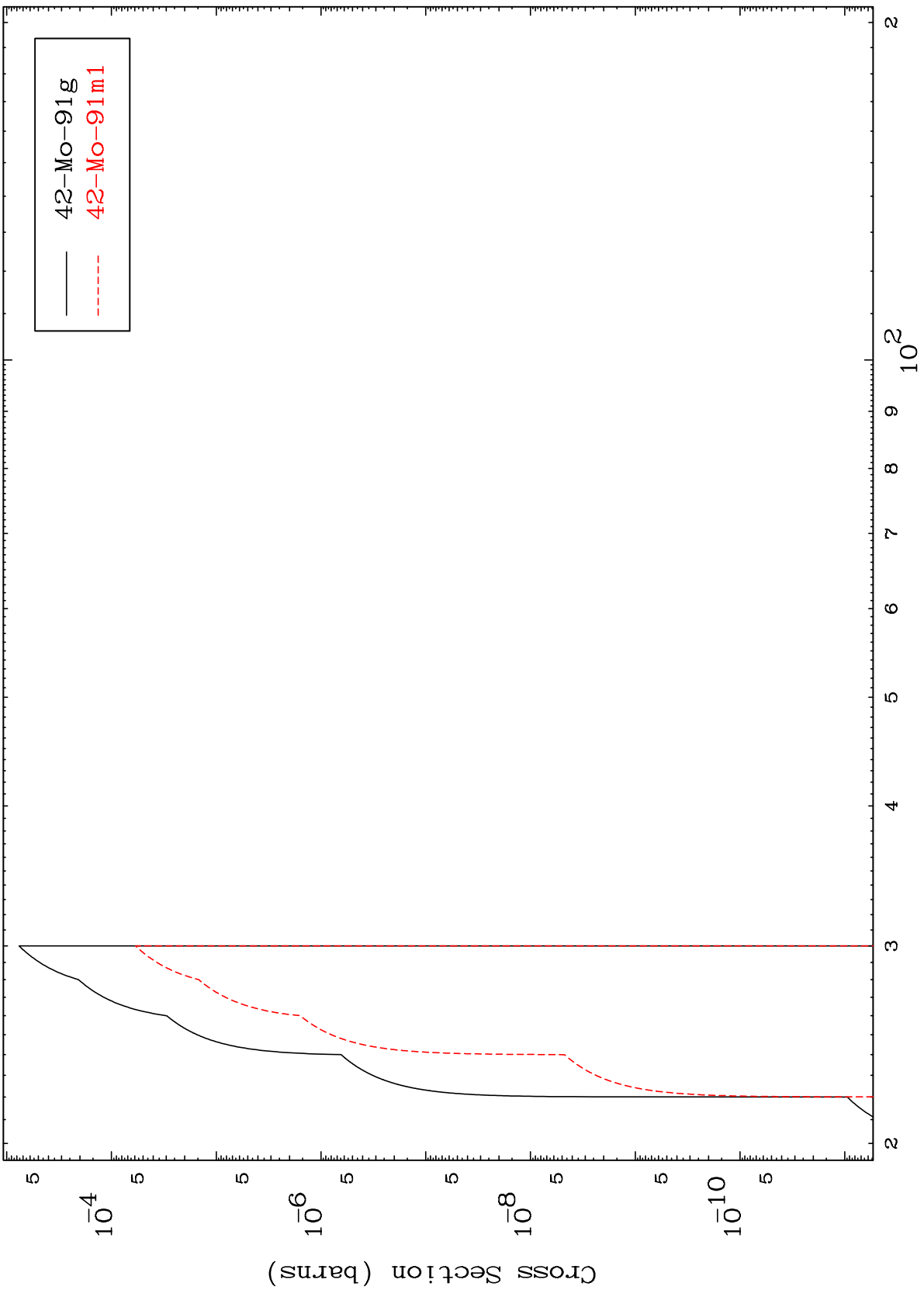
41-Nb-90m

MAT 4117

(n,n') d

41-Nb-90m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

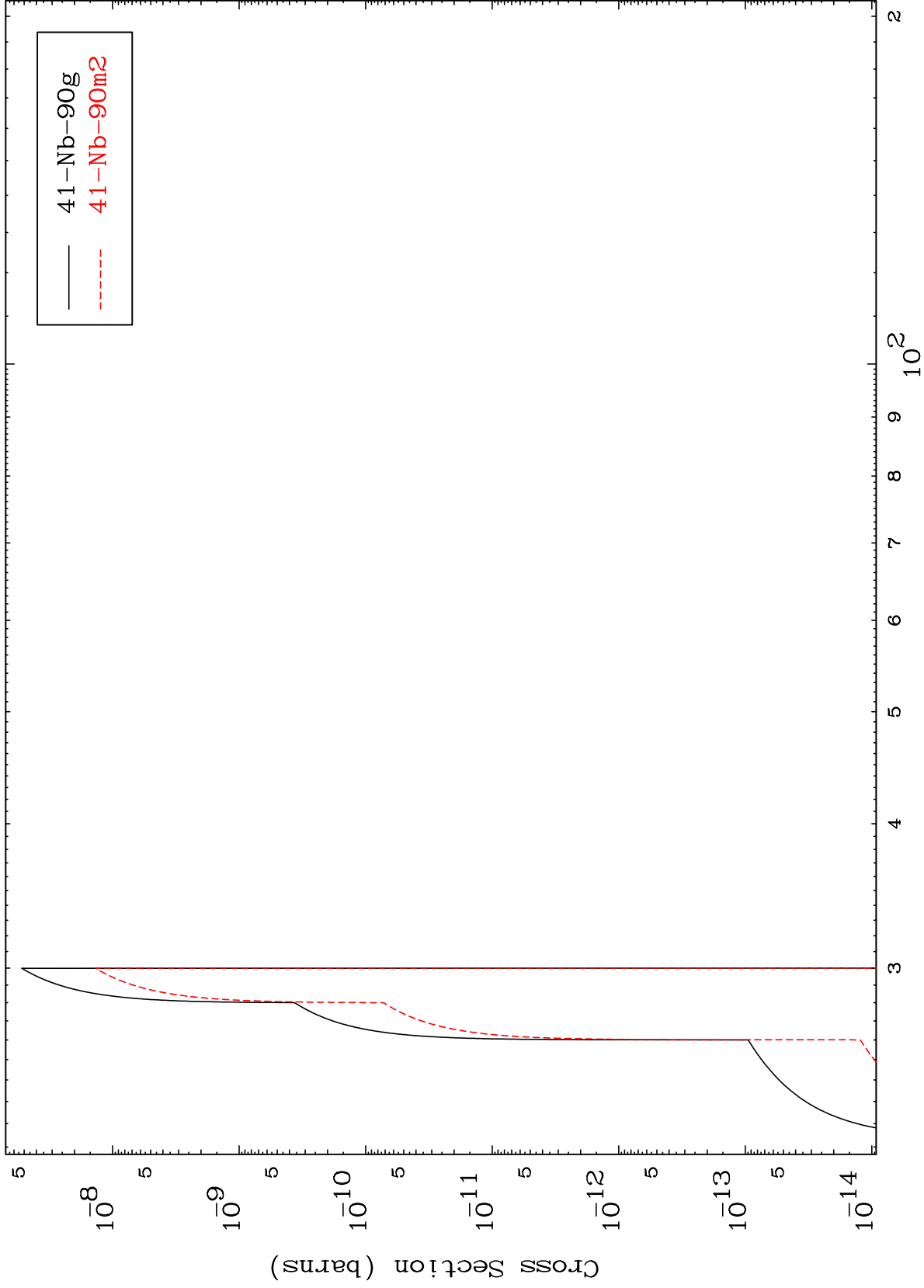
41-Nb-90m

MAT 4117

(n,n') He-3

41-Nb-90m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

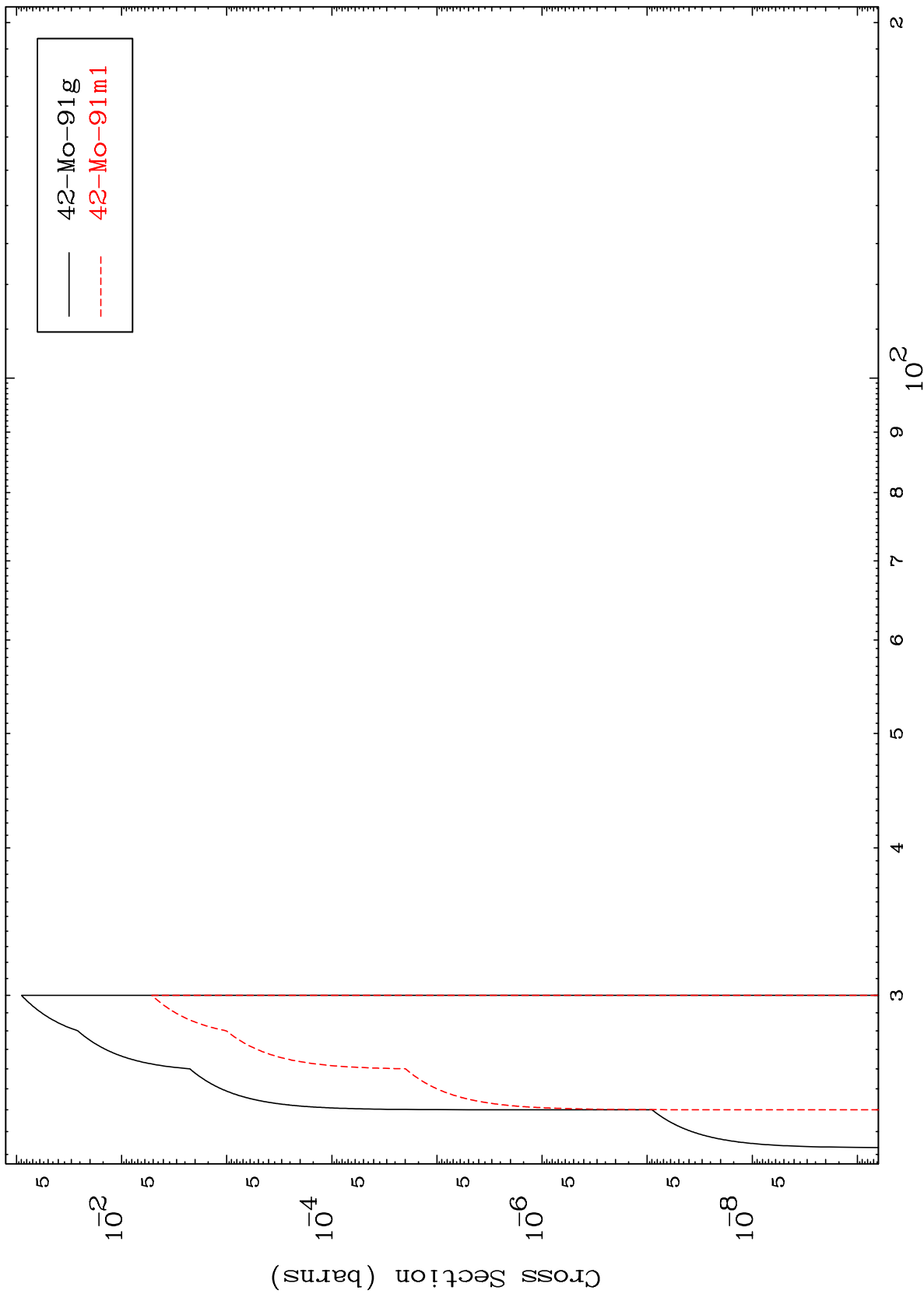
41-Nb-90m

MAT 4117

(n,2n) p

41-Nb-90m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

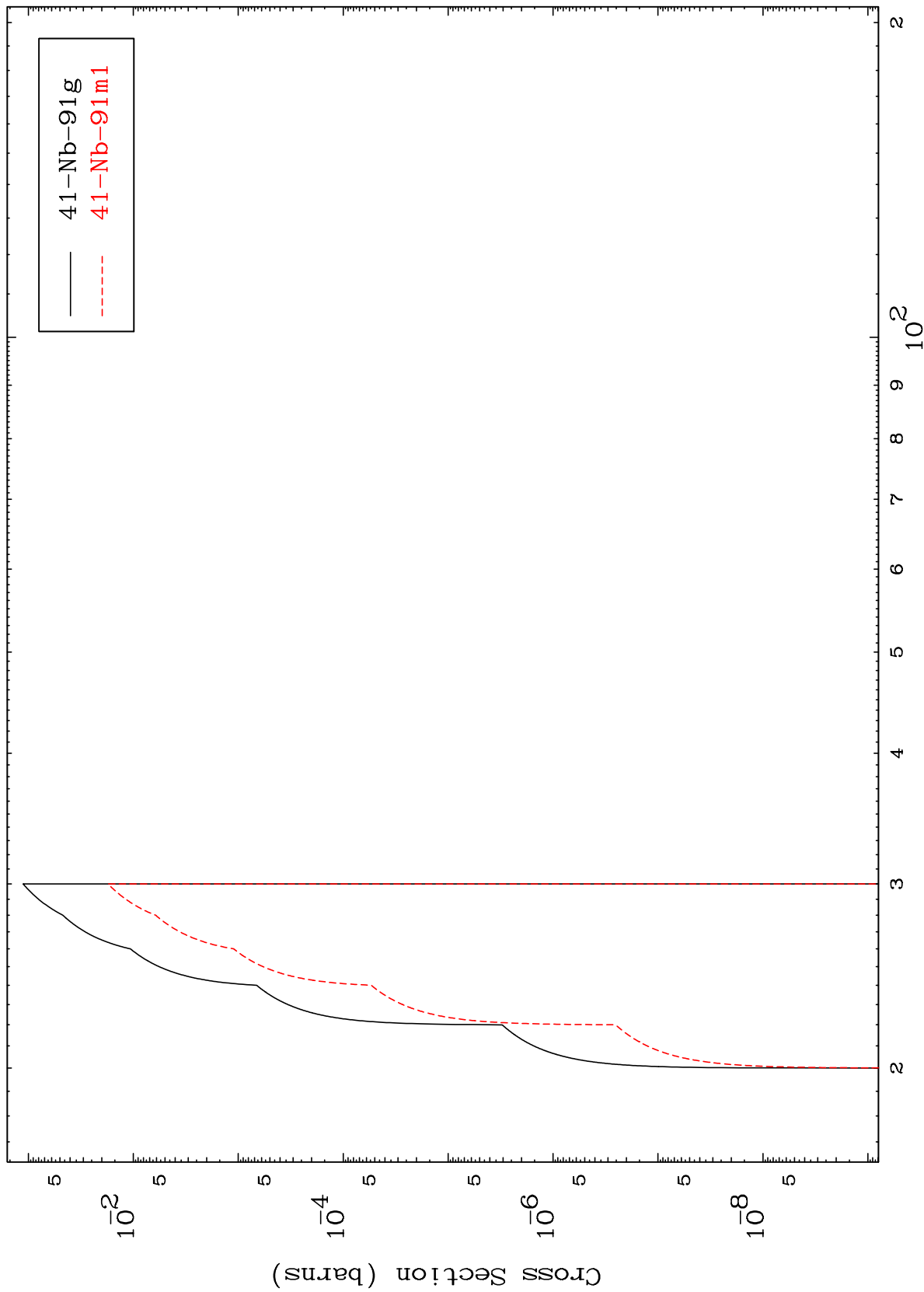
41-Nb-90m

MAT 4117

(n,2n) p

41-Nb-90m

Radionuclide Production Cross Section



16

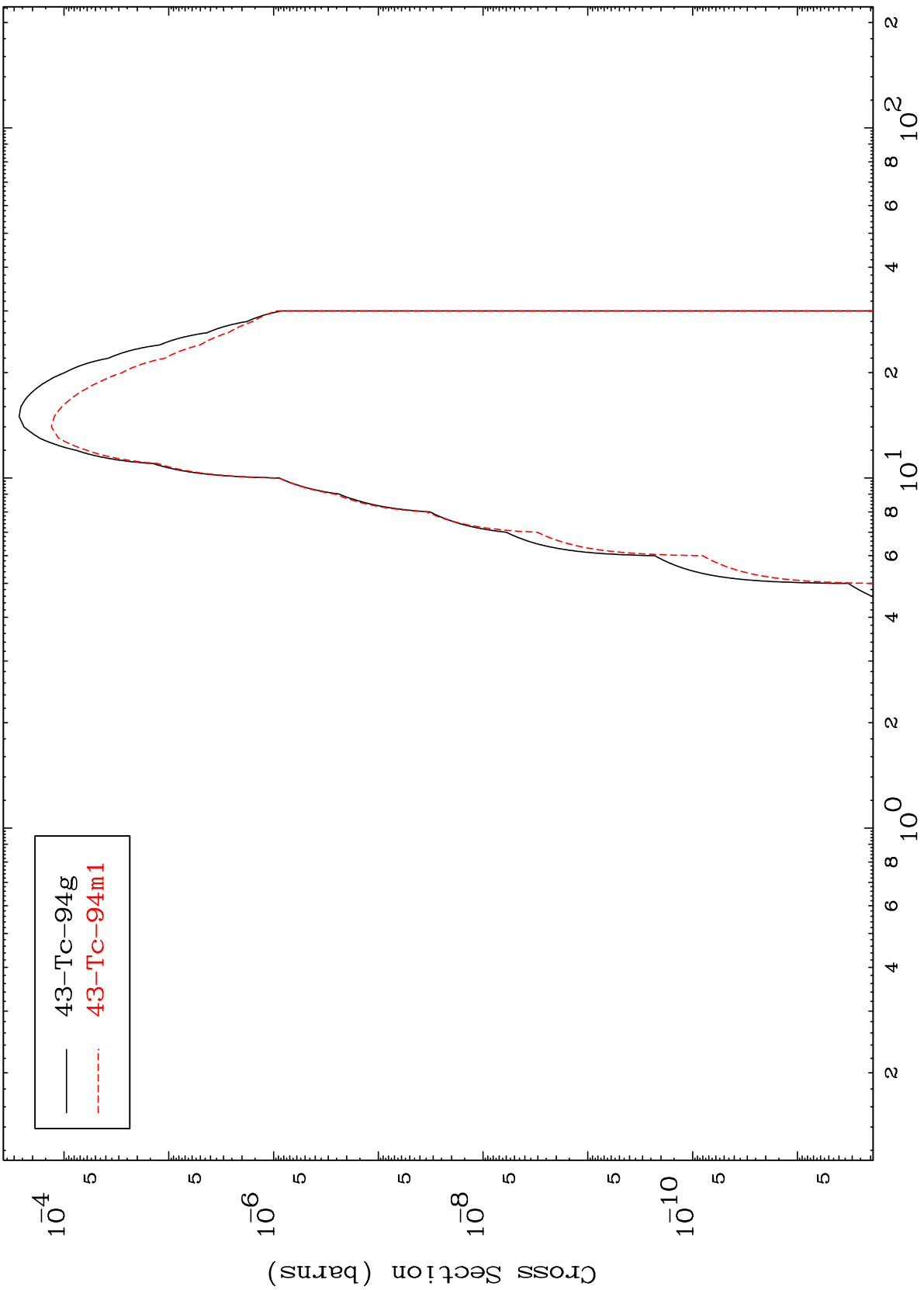
Incident Energy (MeV)

41-Nb-90m

MAT 4117

41-Nb-90m

Radionuclide Production Cross Section
(n, γ)

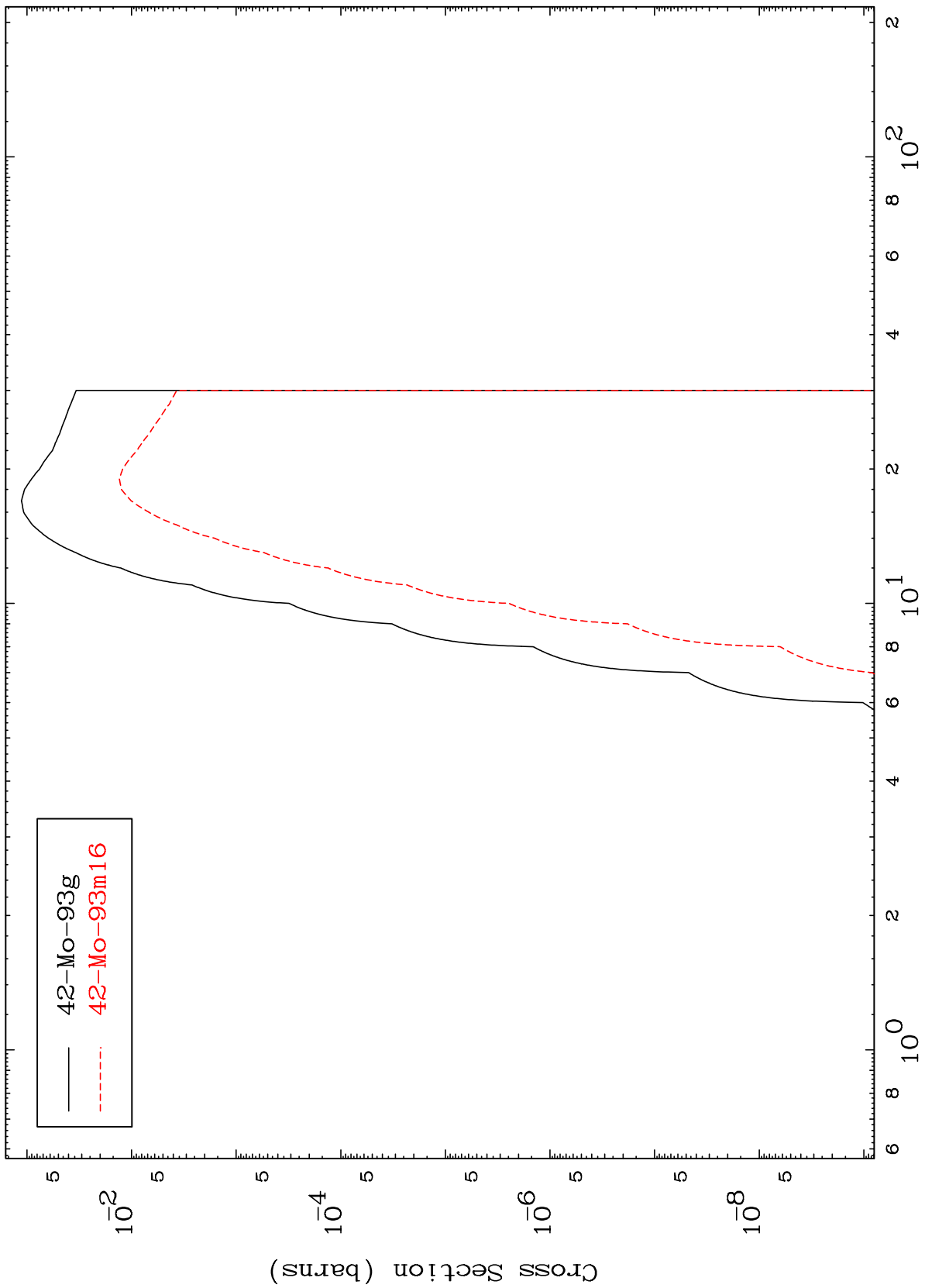


— 43-Tc-94g
- - - 43-Tc-94m1

MAT 4117

41-Nb-90m

(n,p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

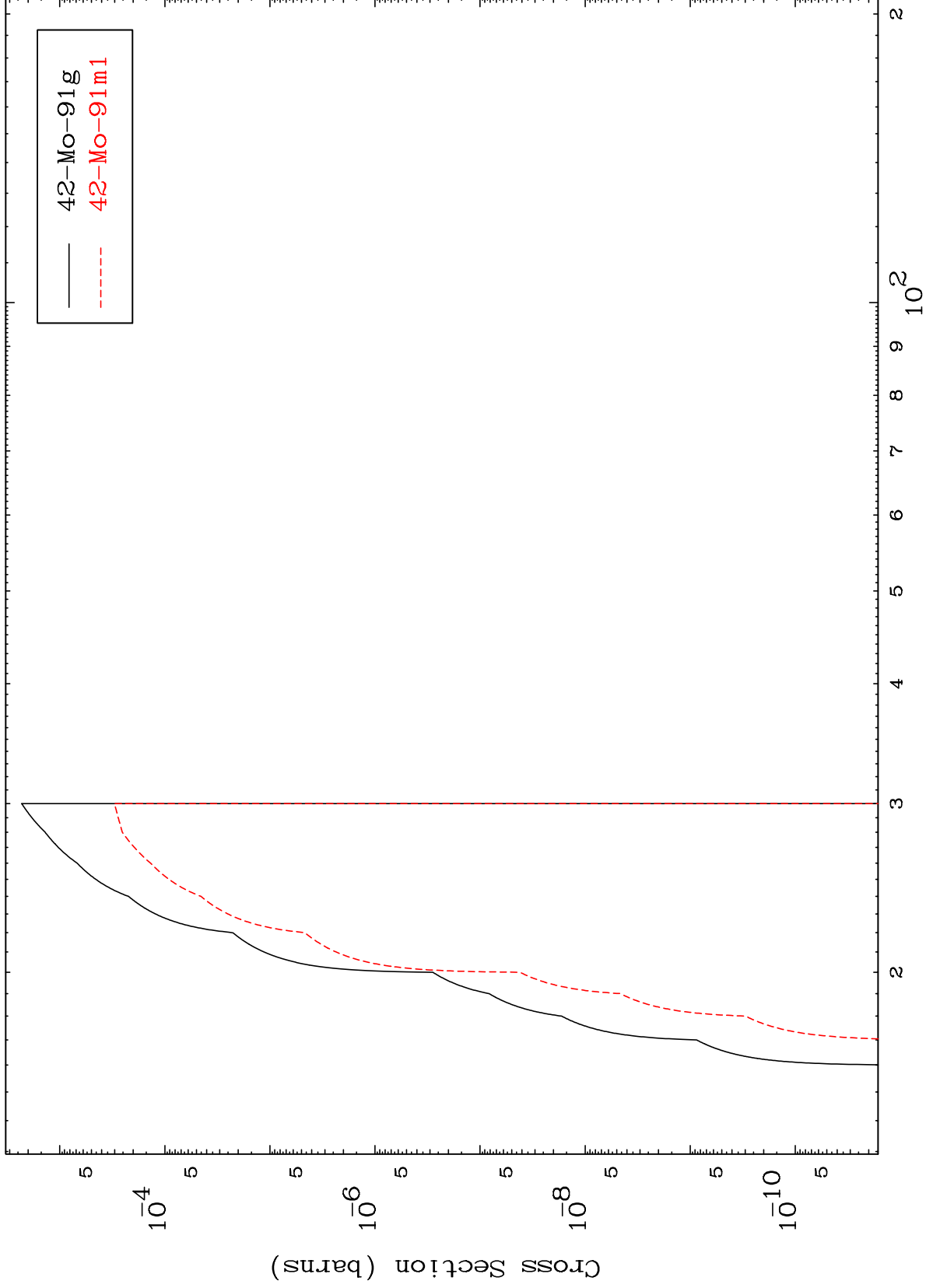
41-Nb-90m

MAT 4117

(n, t)

41-Nb-90m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

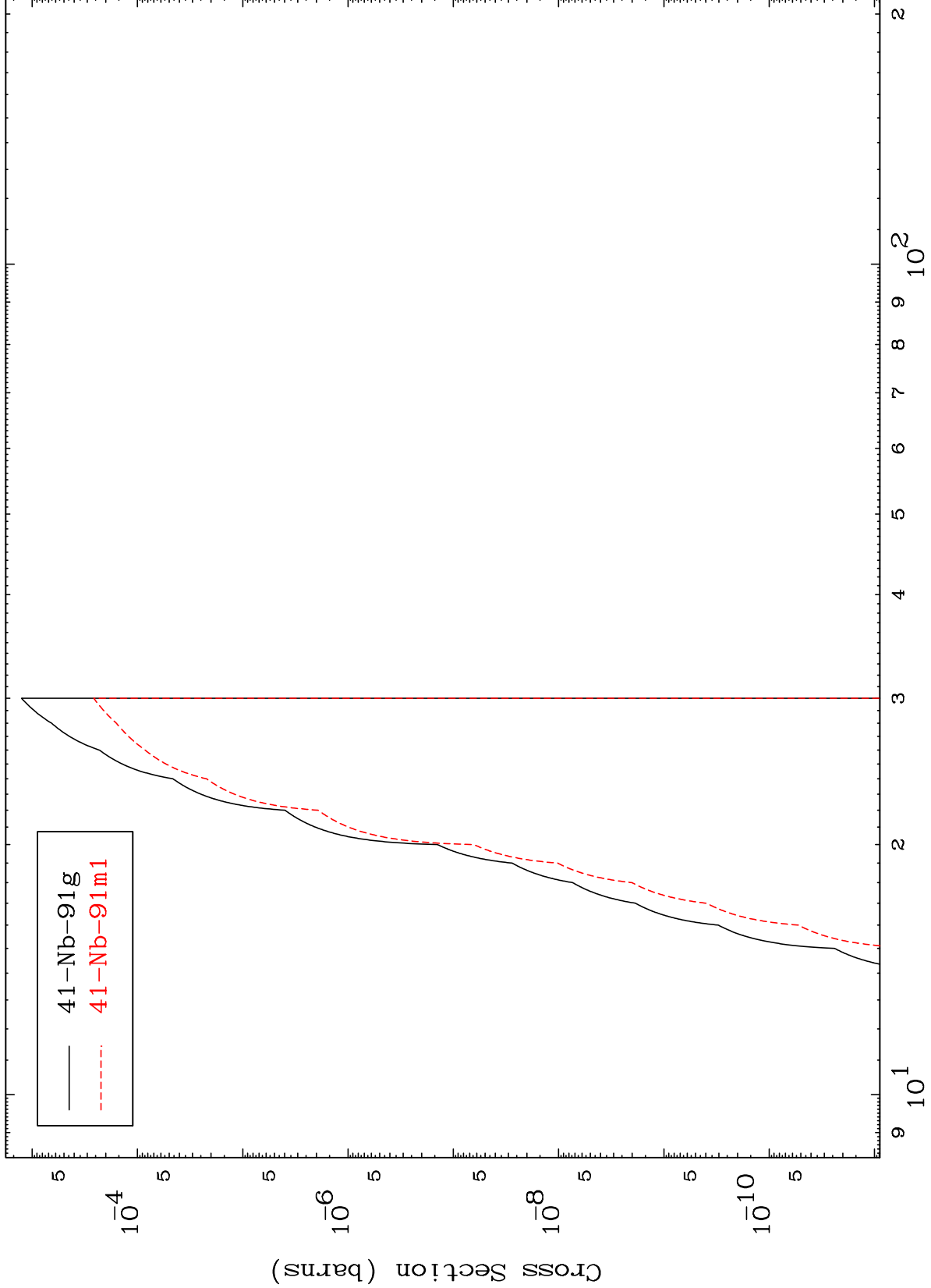
41-Nb-90m

MAT 4117

(n,He-3)

41-Nb-90m

Radionuclide Production Cross Section



41-Nb-91g
41-Nb-91m1

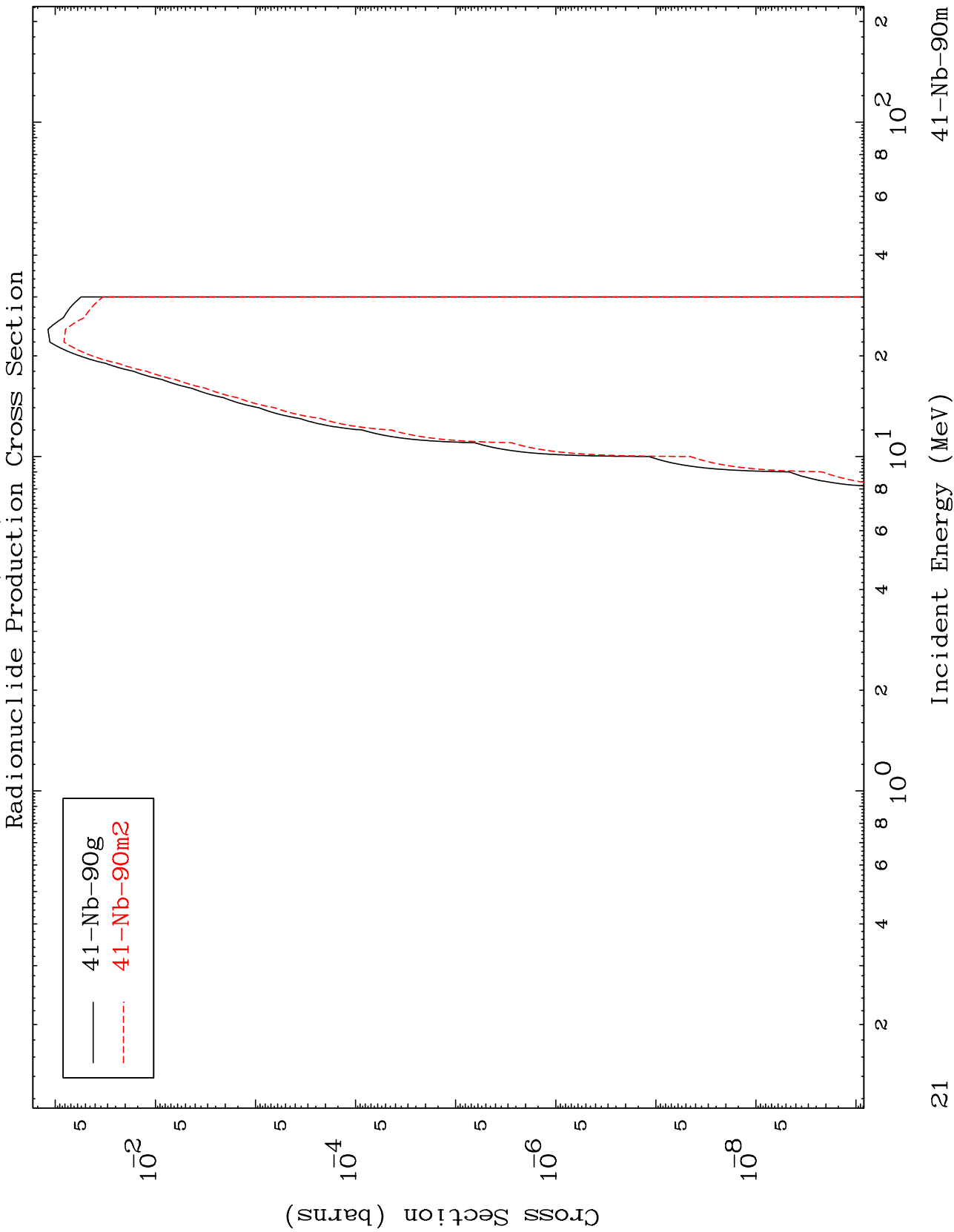
20

Incident Energy (MeV)

41-Nb-90m

MAT 4117

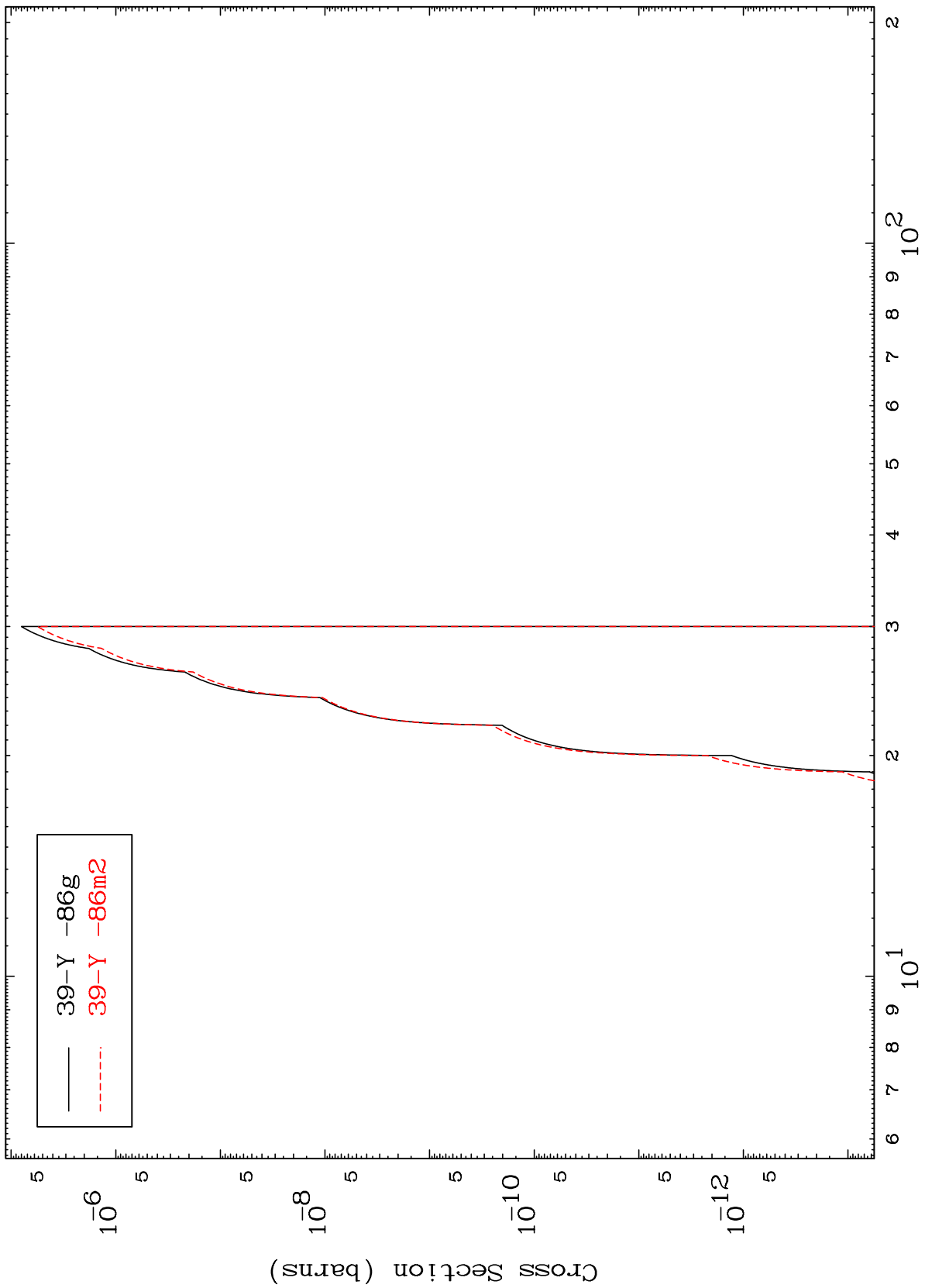
41-Nb-90m



MAT 4117

41-Nb-90m

Radionuclide Production Cross Section



22

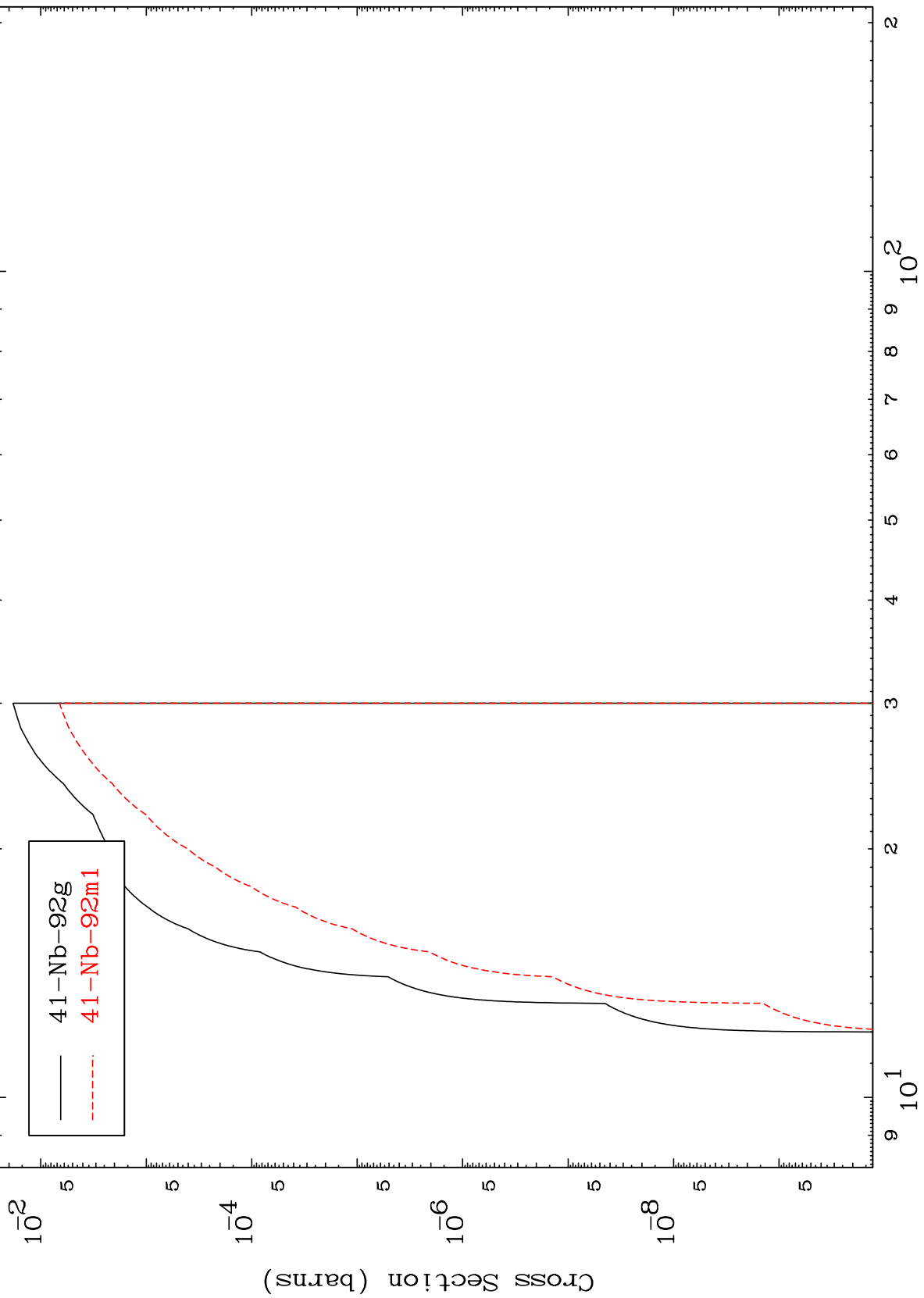
41-Nb-90m

Incident Energy (MeV)

MAT 4117

41-Nb-90m

Radionuclide Production Cross Section
(n,2p)



23

Incident Energy (MeV)

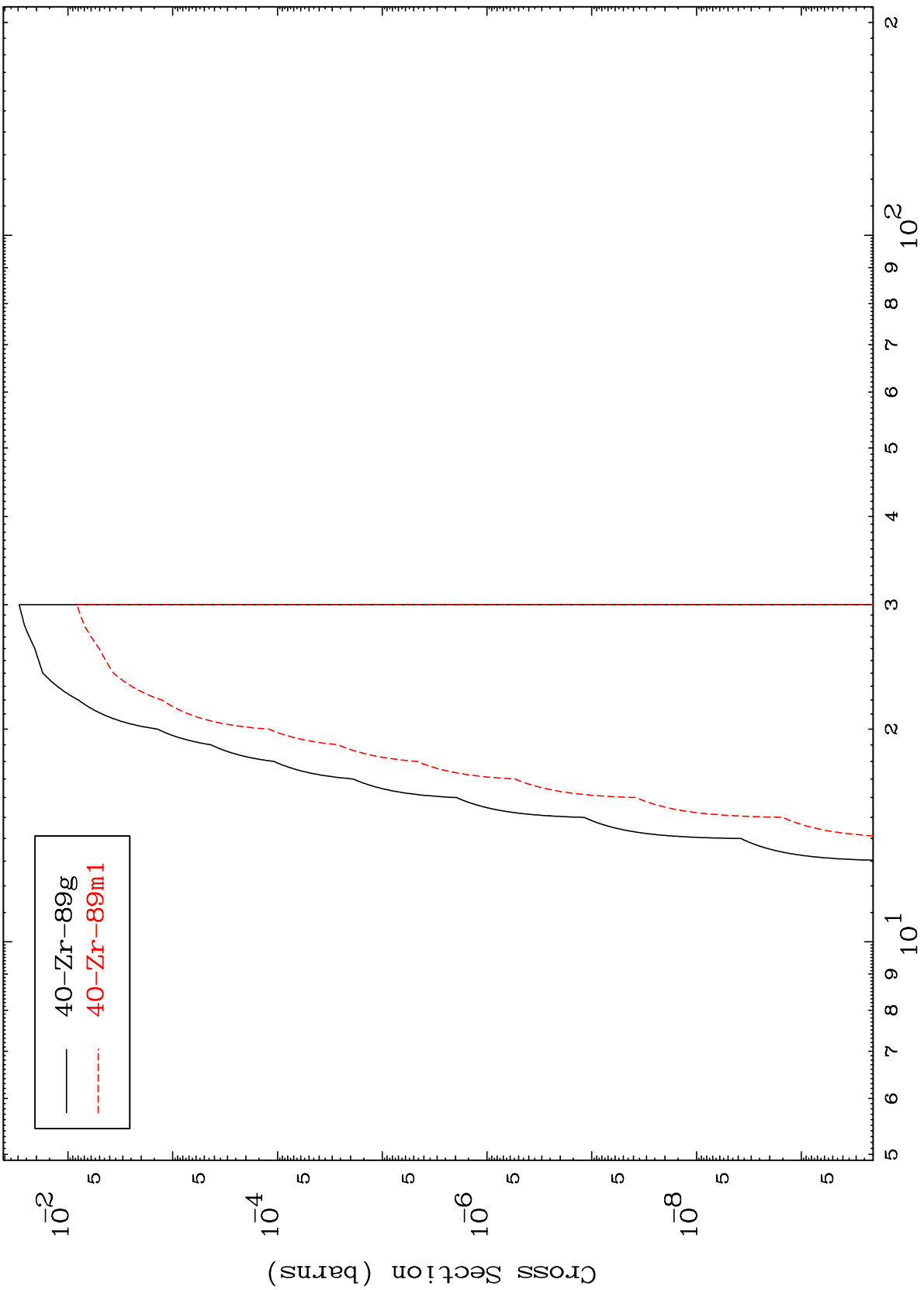
41-Nb-90m

MAT 4117

(n,p) α

41-Nb-90m

Radionuclide Production Cross Section



— 40-Zr-89g
- - - 40-Zr-89m1

24

Incident Energy (MeV)

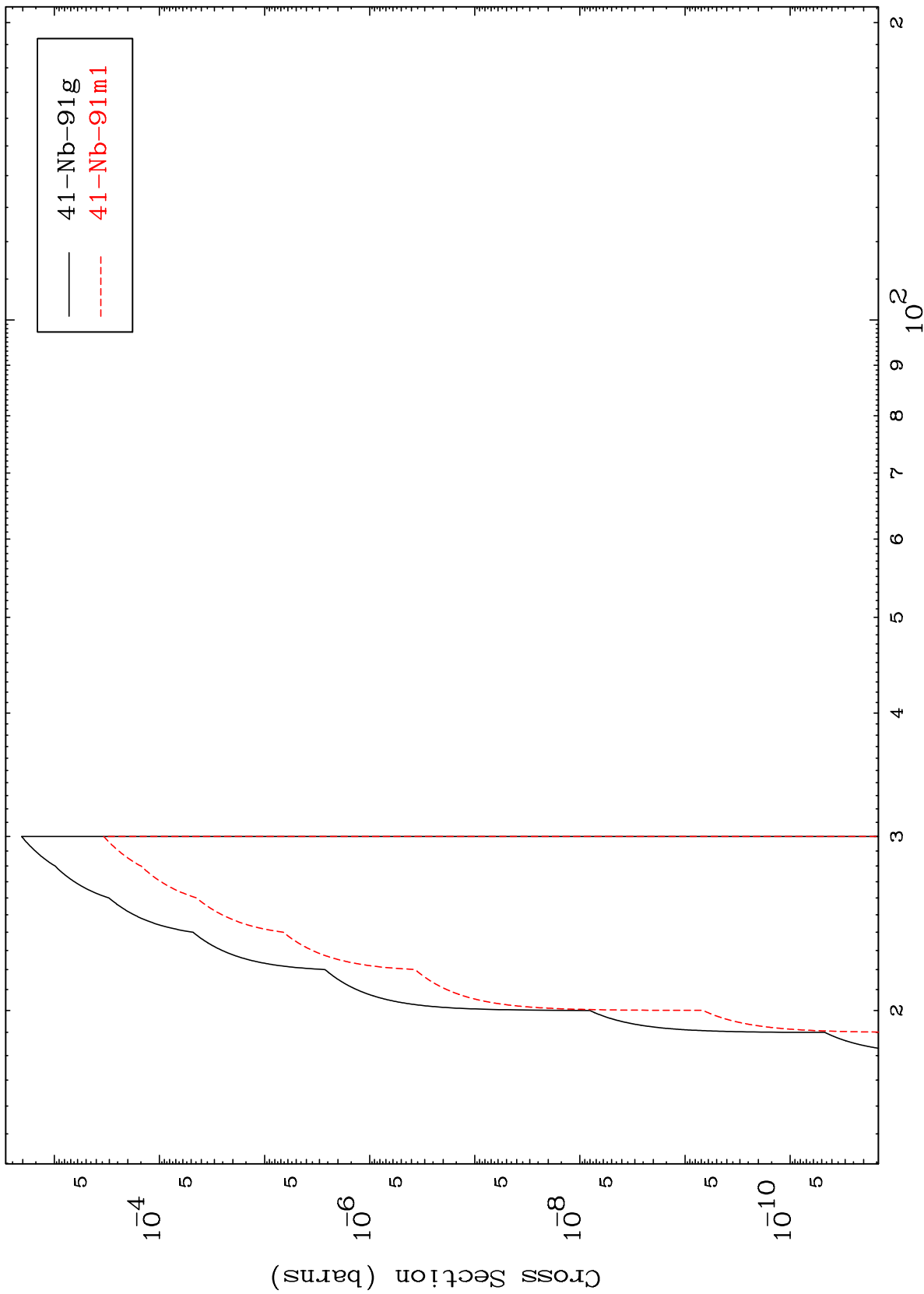
41-Nb-90m

MAT 41117

(n,p) d

41-Nb-90m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

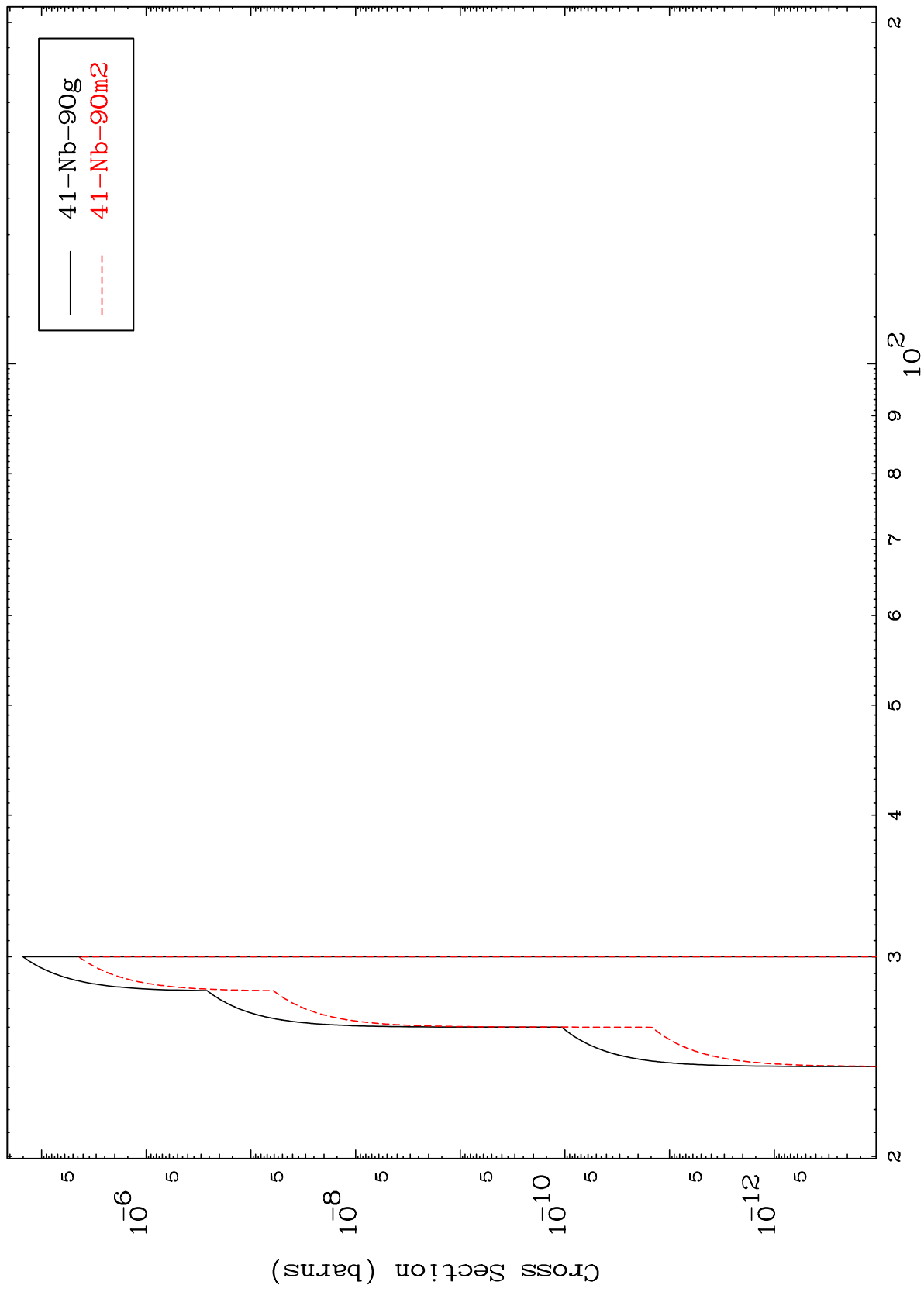
41-Nb-90m

MAT 4117

(n,p) t

41-Nb-90m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

41-Nb-90m