

Program EVALPLOT
(Version 2021-1)

by

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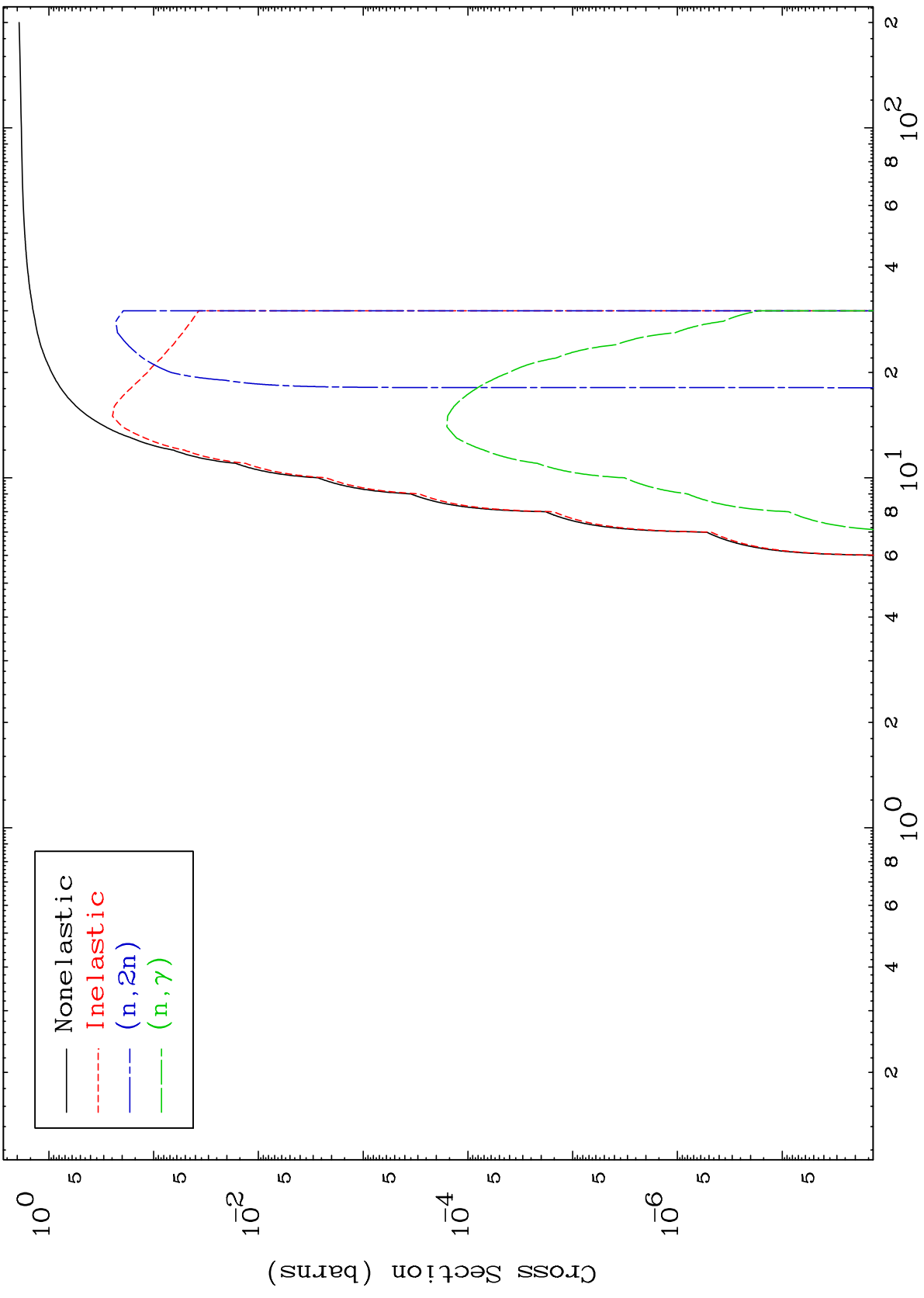
Press Mouse Button to Start

MAT 4117

α Major

41-Nb-90m

0 Kelvin Cross Sections



Incident Energy (MeV)

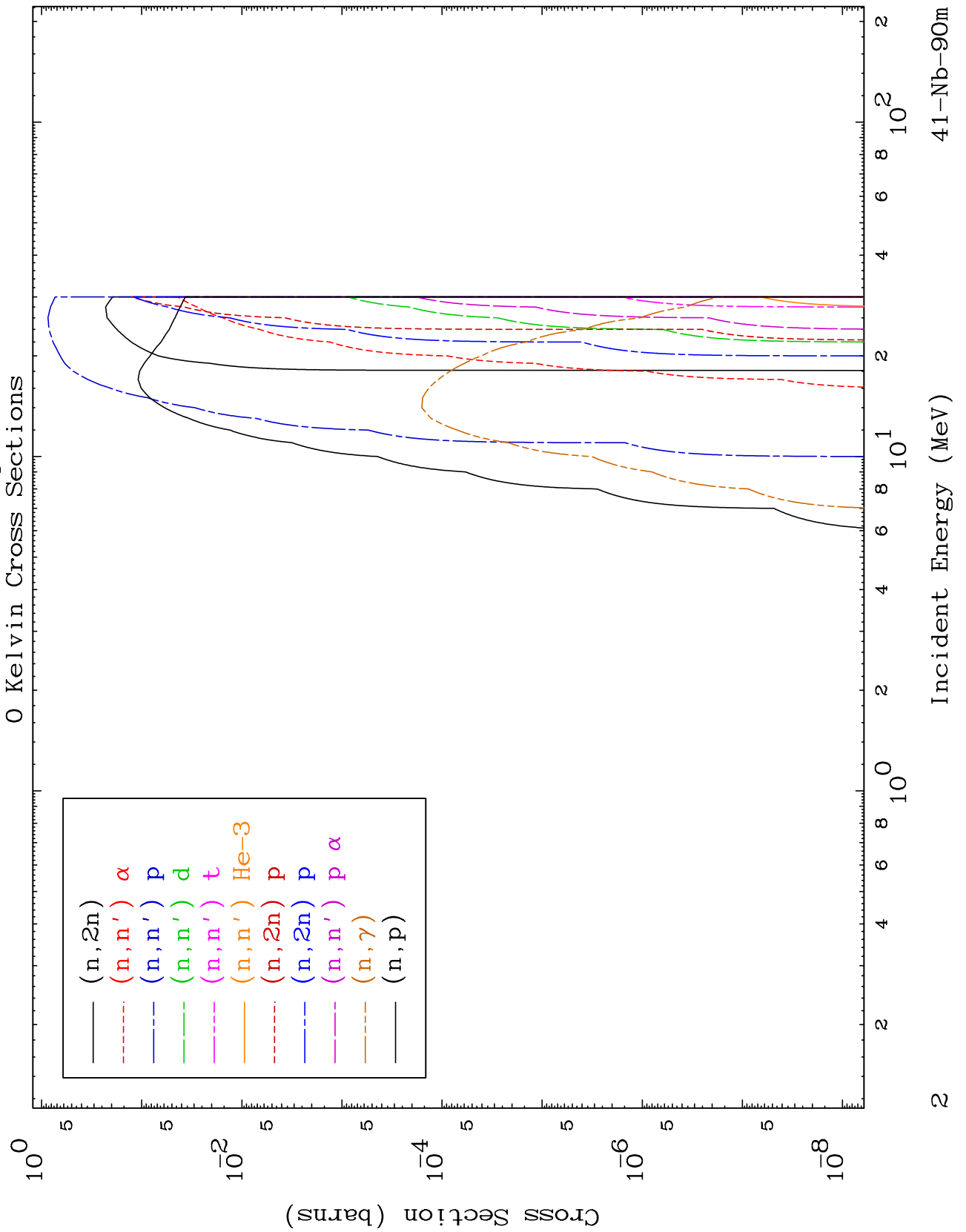
41-Nb-90m

1

MAT 4117

α Neutron Absorption

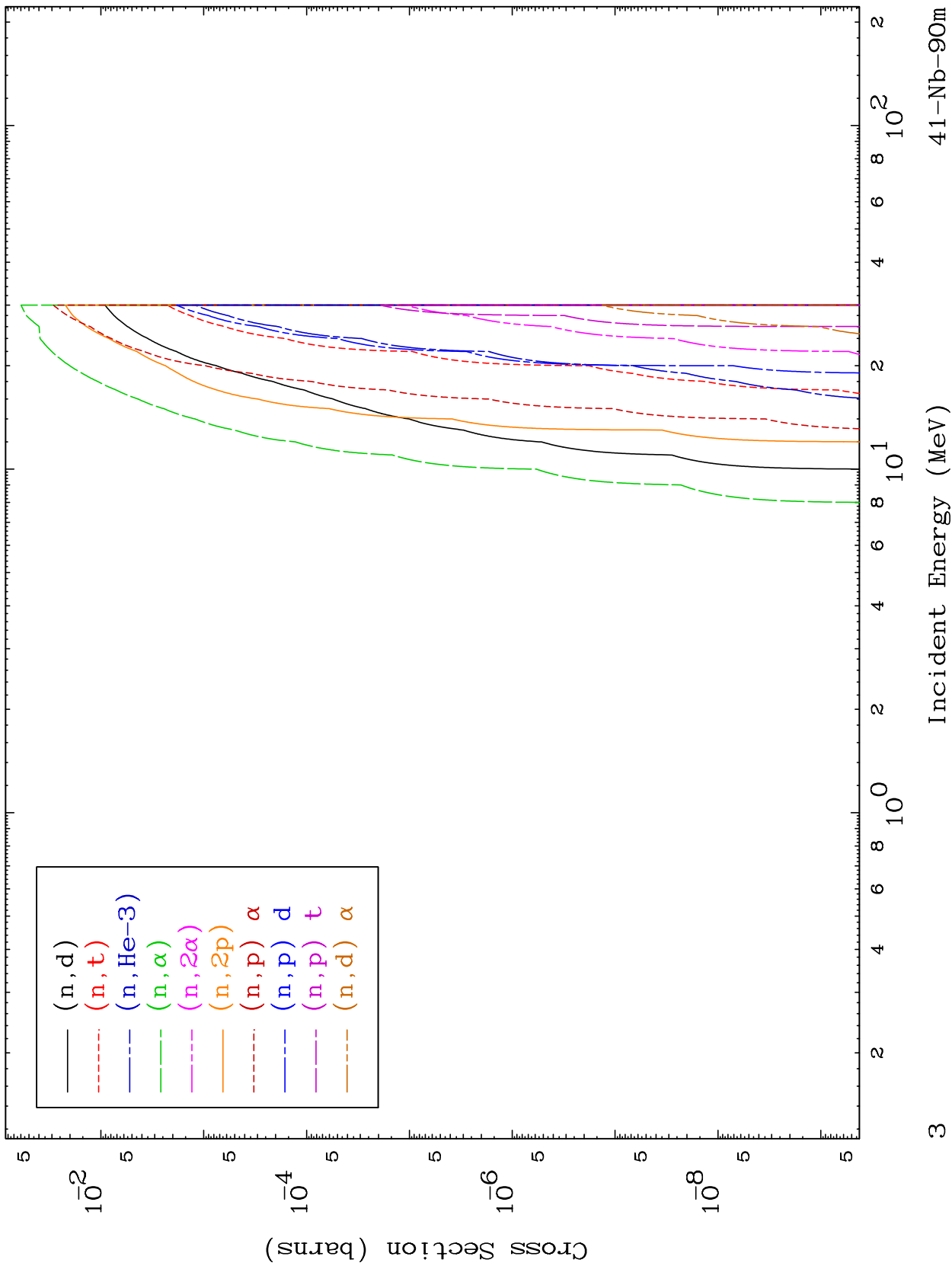
41-Nb-90m



MAT 4117

α Neutron Absorption
0 Kelvin Cross Sections

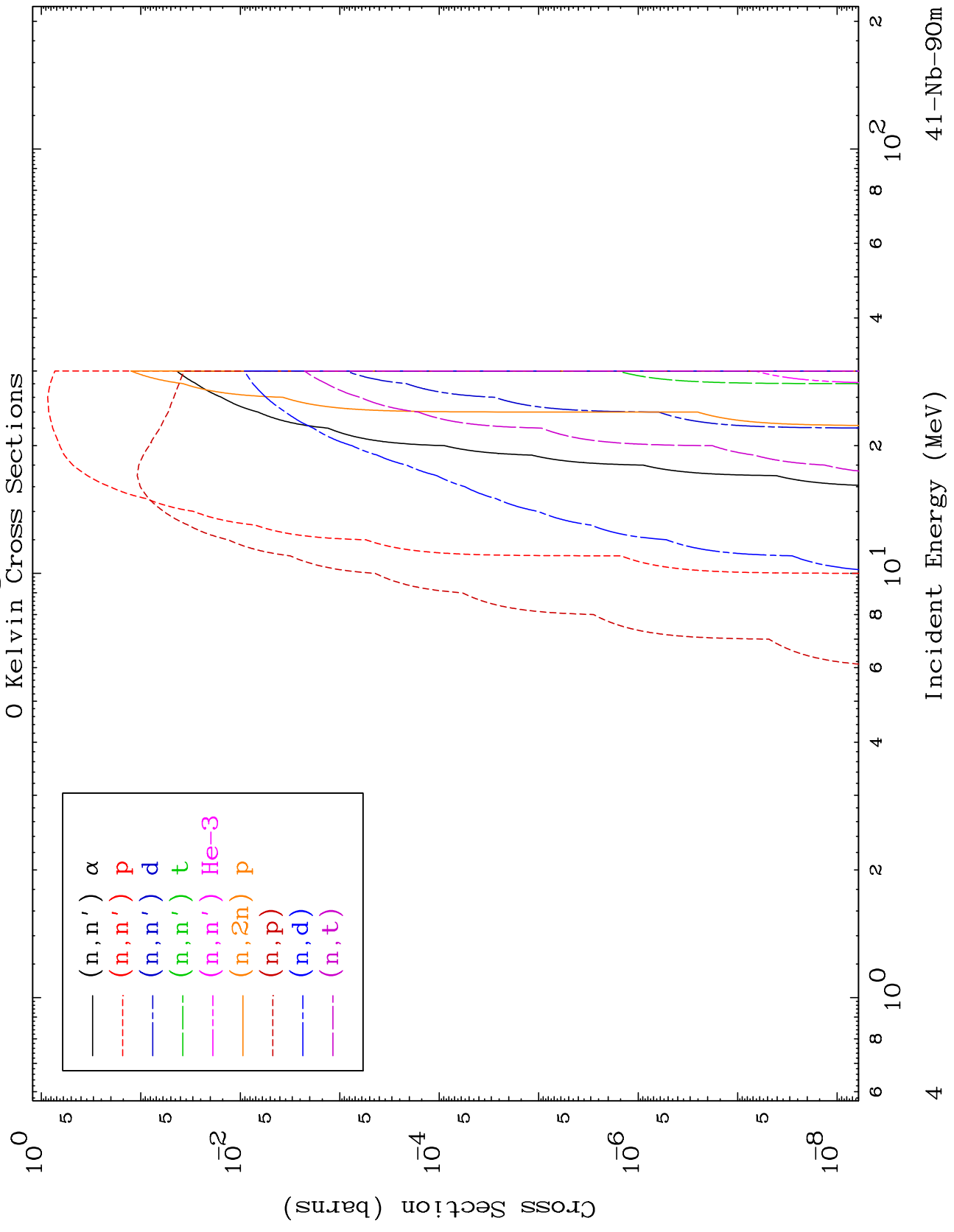
41-Nb-90m



MAT 4117

α Charged Particle
0 Kelvin Cross Sections

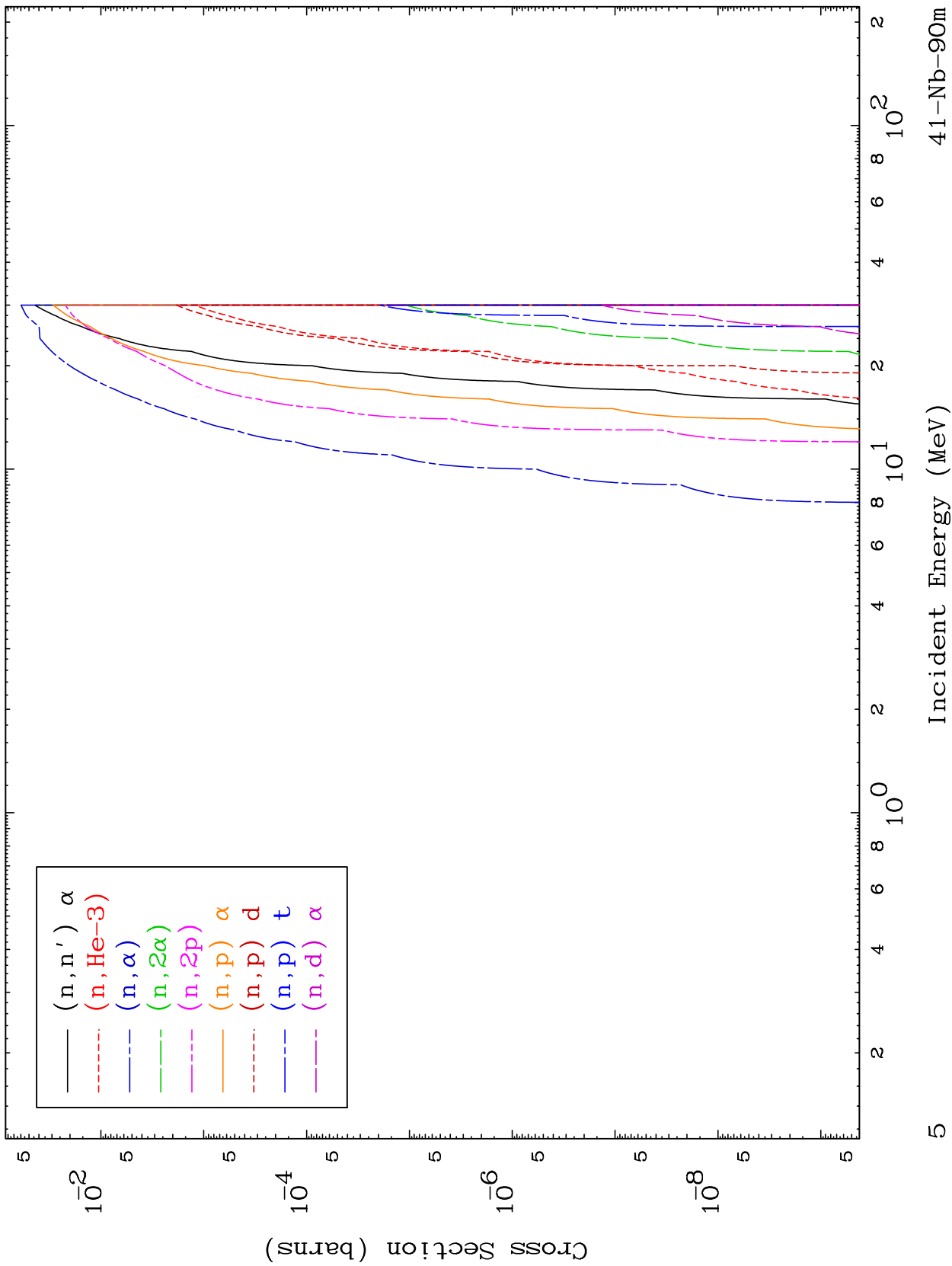
41-Nb-90m



MAT 4117

α Charged Particle
0 Kelvin Cross Sections

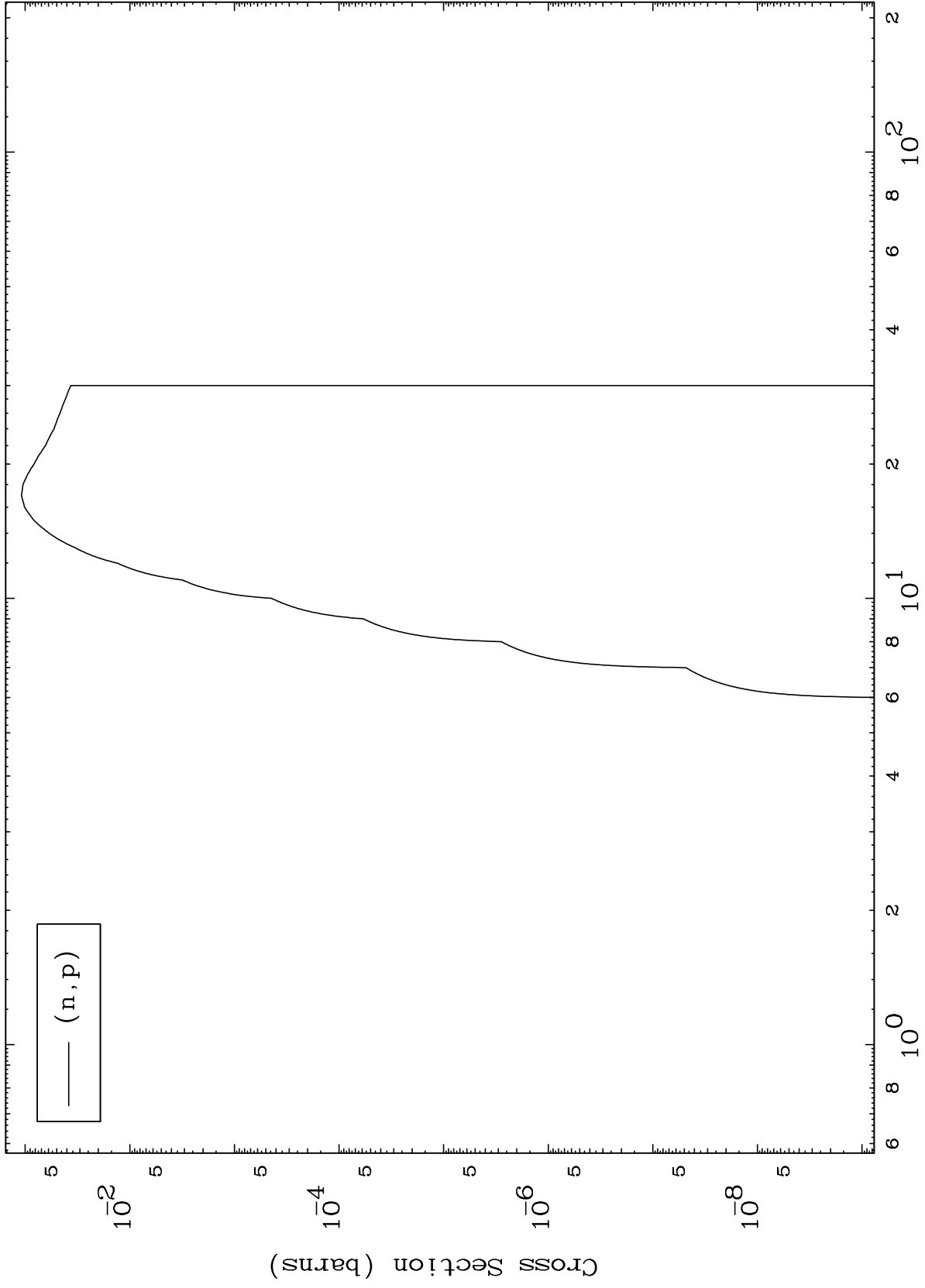
41-Nb-90m



MAT 4117

(α, p) Levels
0 Kelvin Cross Sections

41-Nb-90m



6

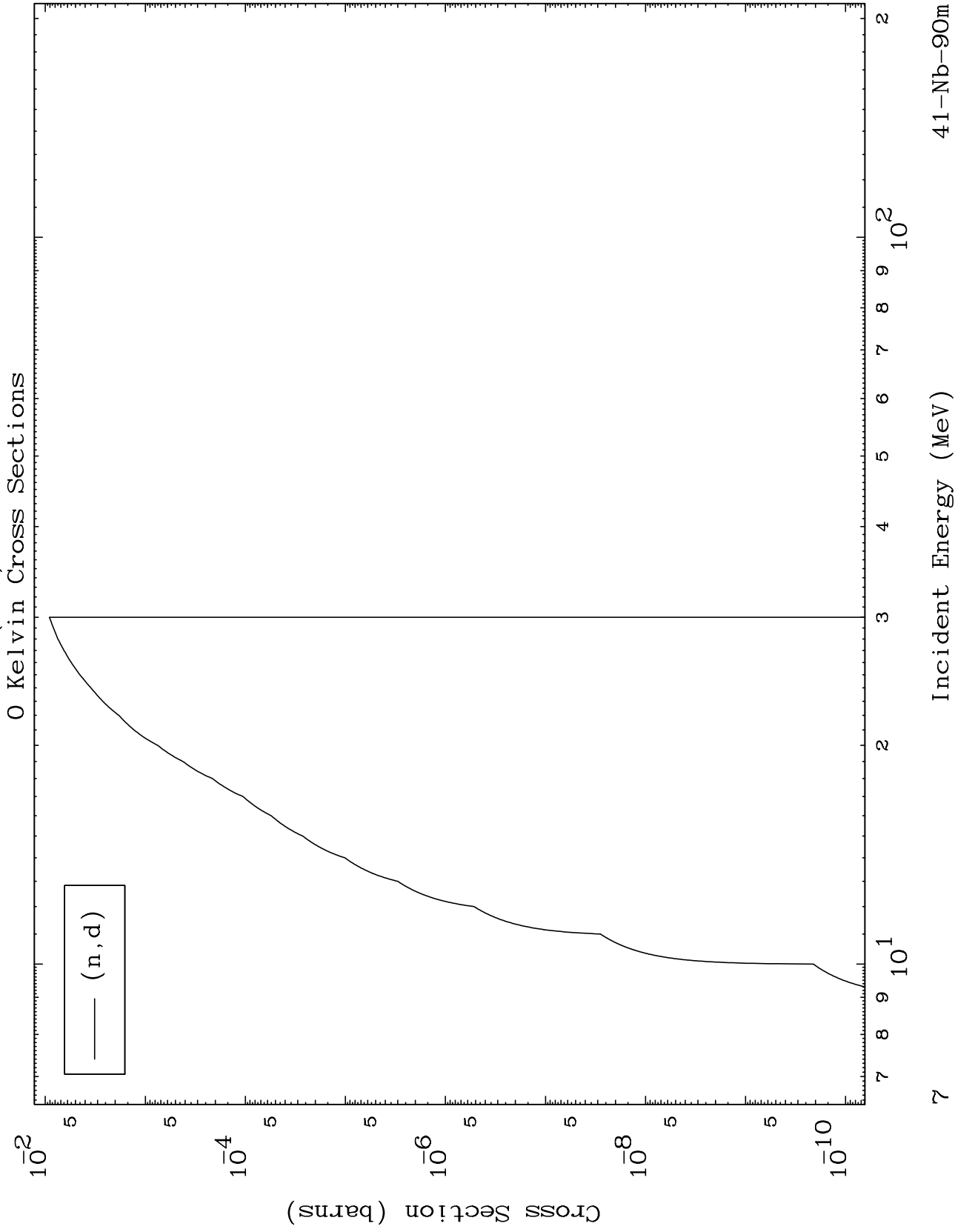
Incident Energy (MeV)

41-Nb-90m

MAT 4117

(α, d) Levels

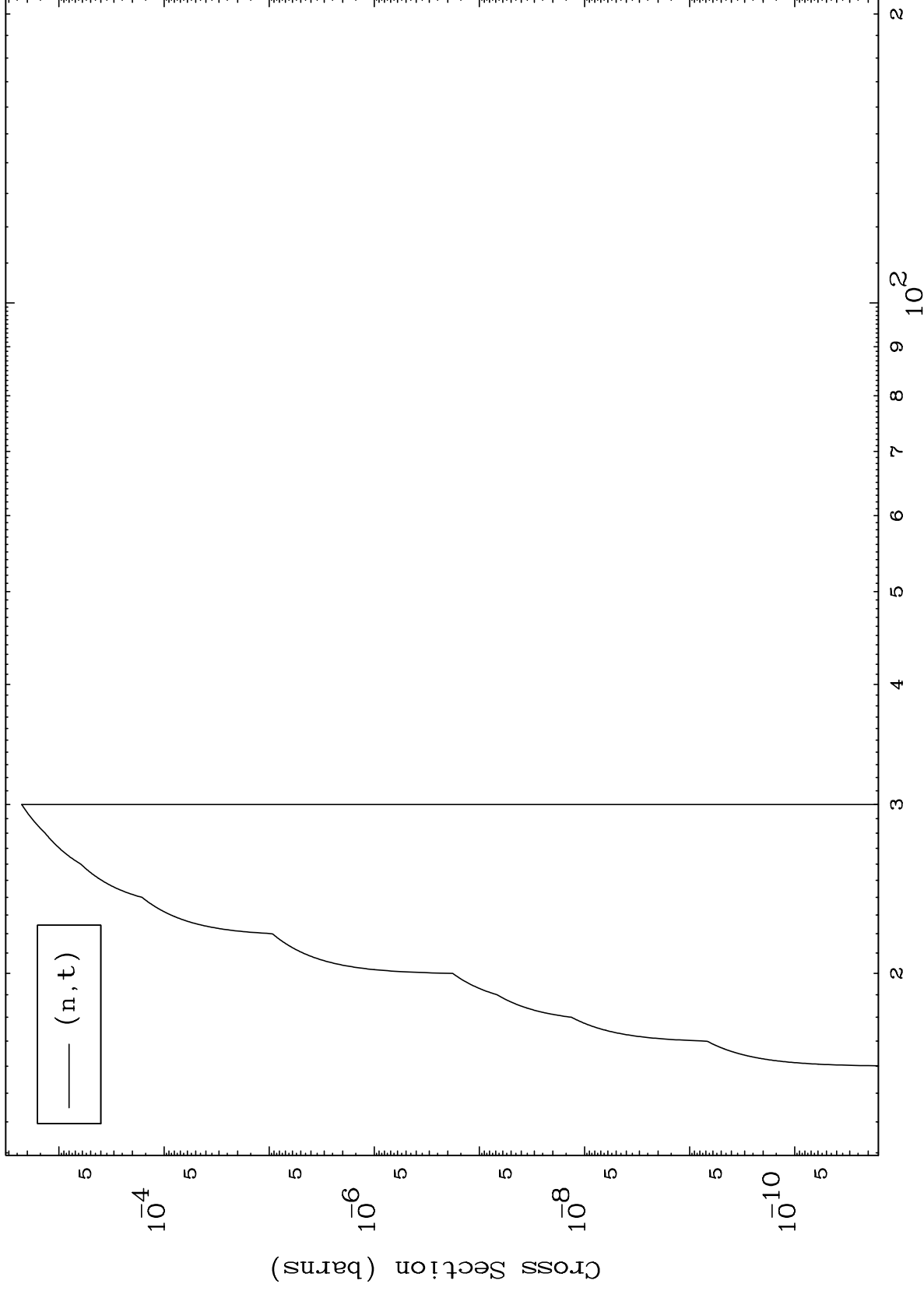
41-Nb-90m



MAT 4117

(α, t) Levels
0 Kelvin Cross Sections

41-Nb-90m



8

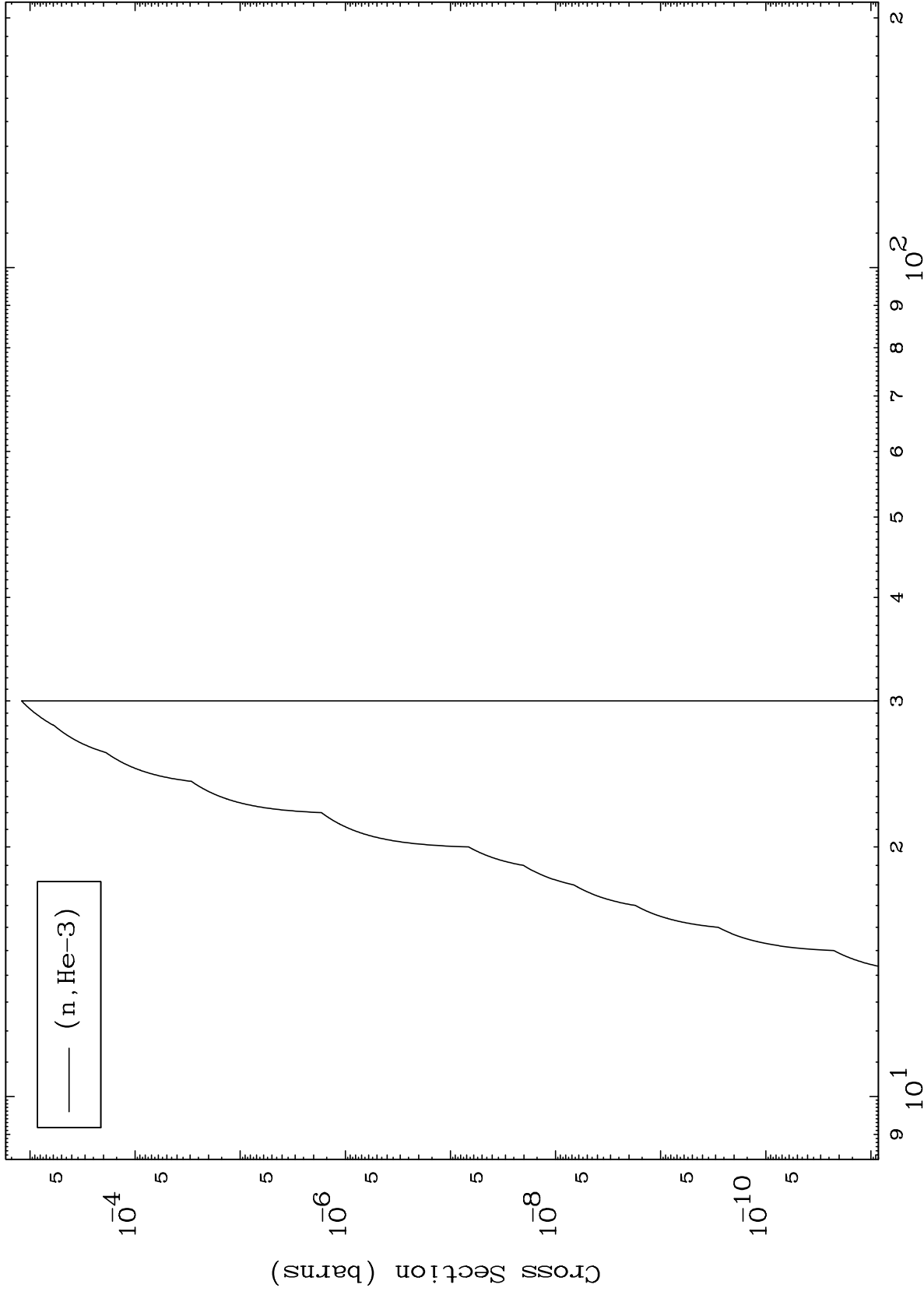
Incident Energy (MeV)

41-Nb-90m

MAT 4117

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

41-Nb-90m



9

Incident Energy (MeV)

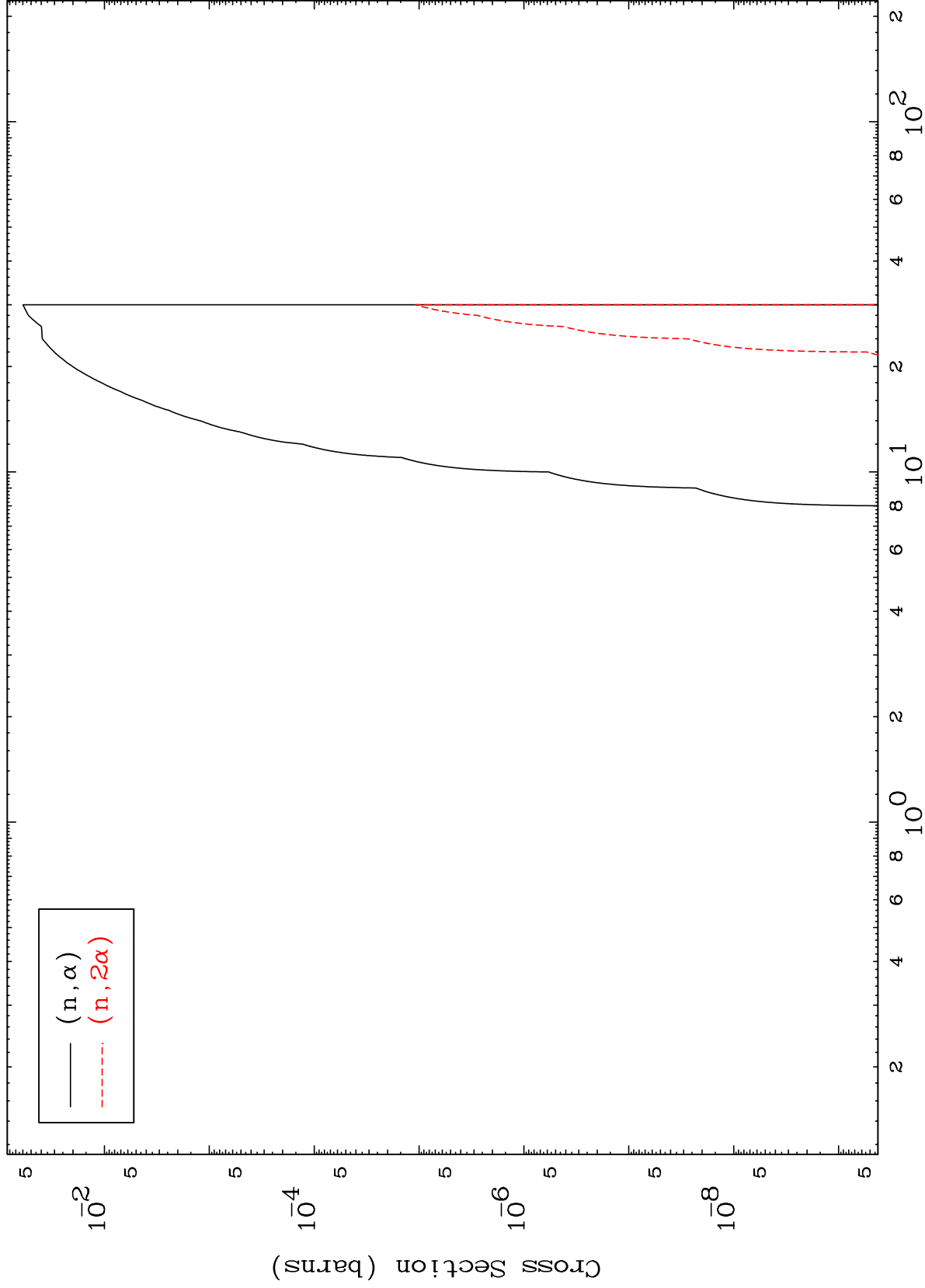
41-Nb-90m

MAT 4117

(α, α) Levels

41-Nb-90m

0 Kelvin Cross Sections



10

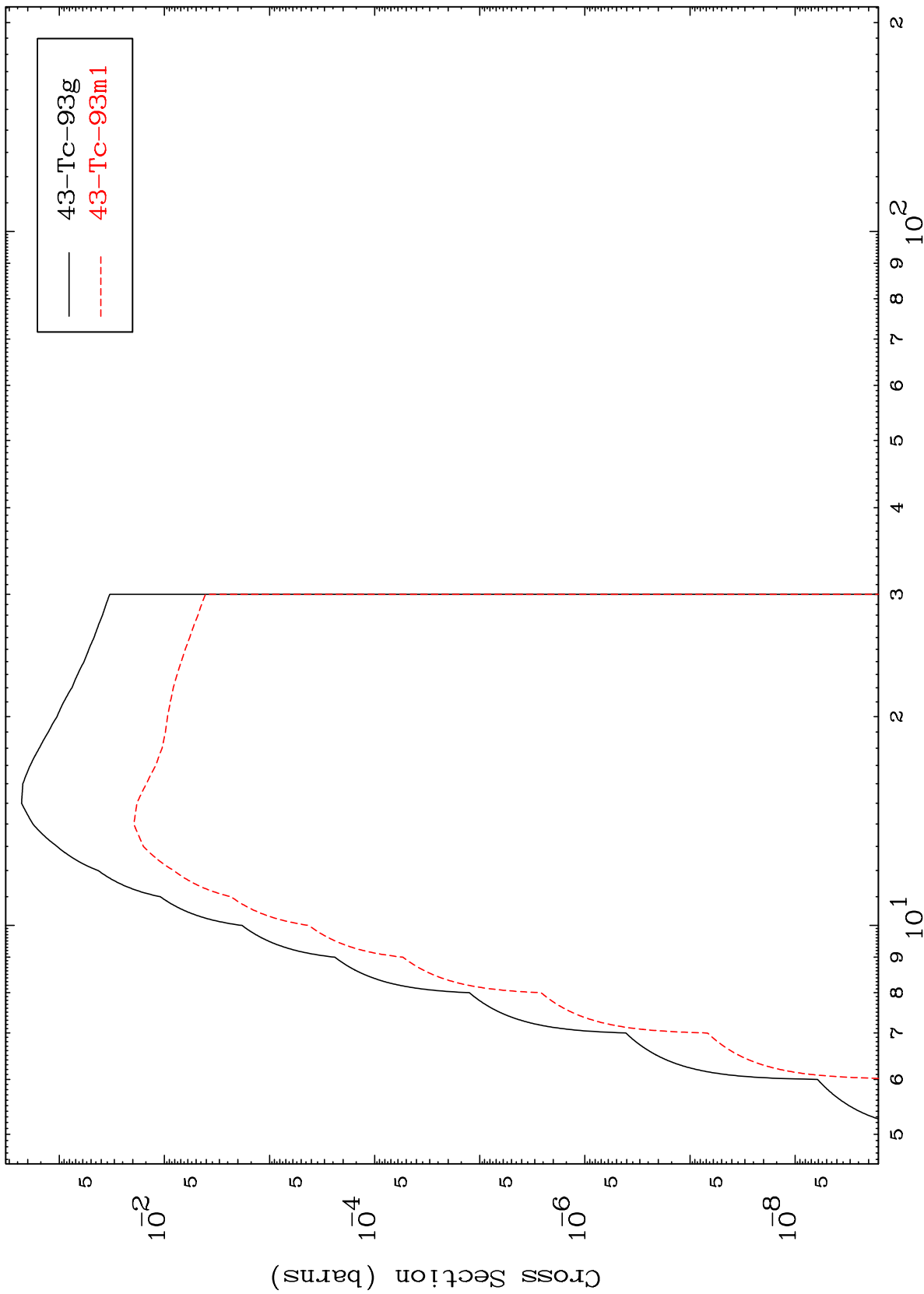
Incident Energy (MeV)

41-Nb-90m

MAT 4117

41-Nb-90m

Inelastic
Radionuclide Production Cross Section



11

Incident Energy (MeV)

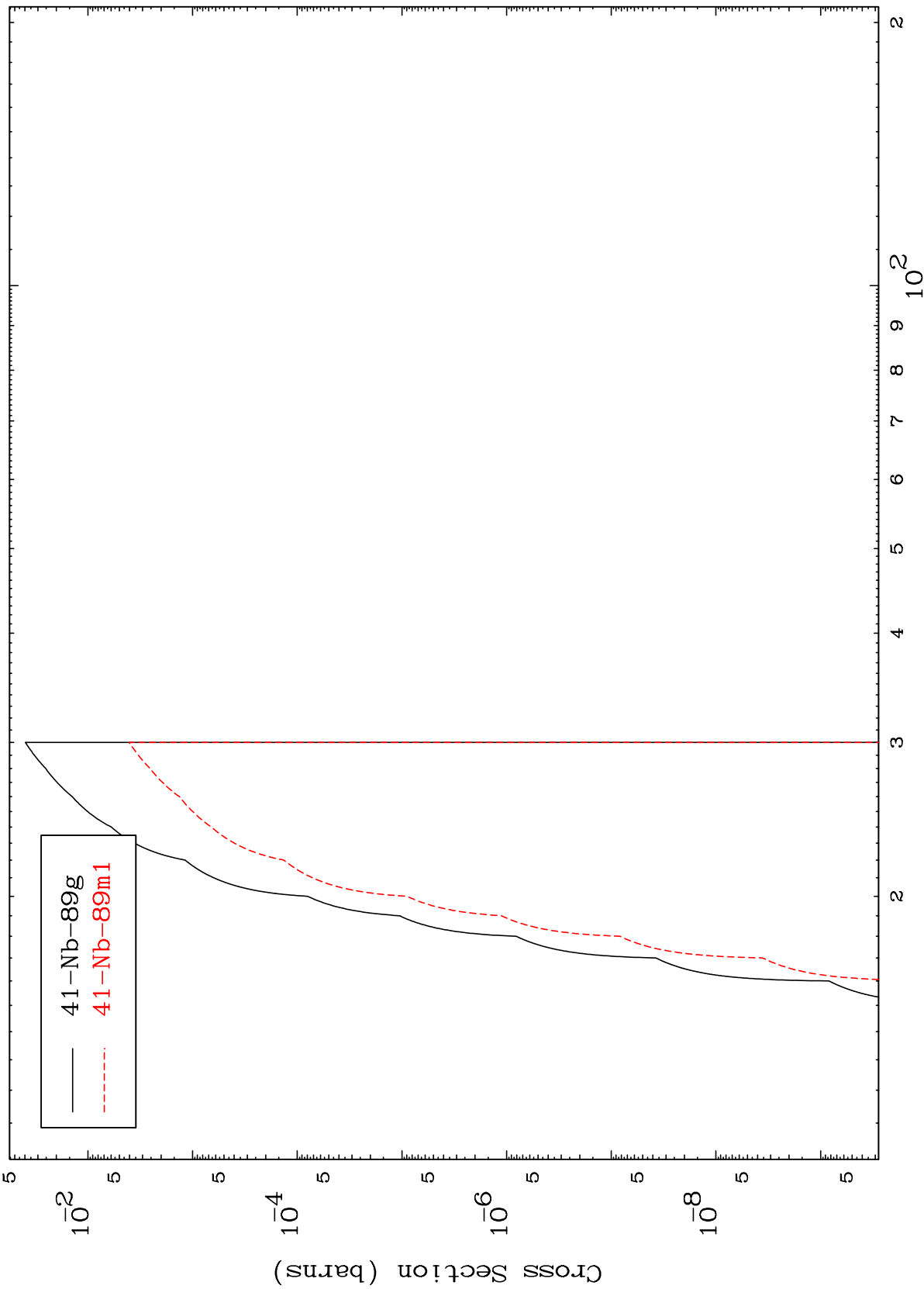
41-Nb-90m

MAT 4117

$(n, n') \alpha$

41-Nb-90m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

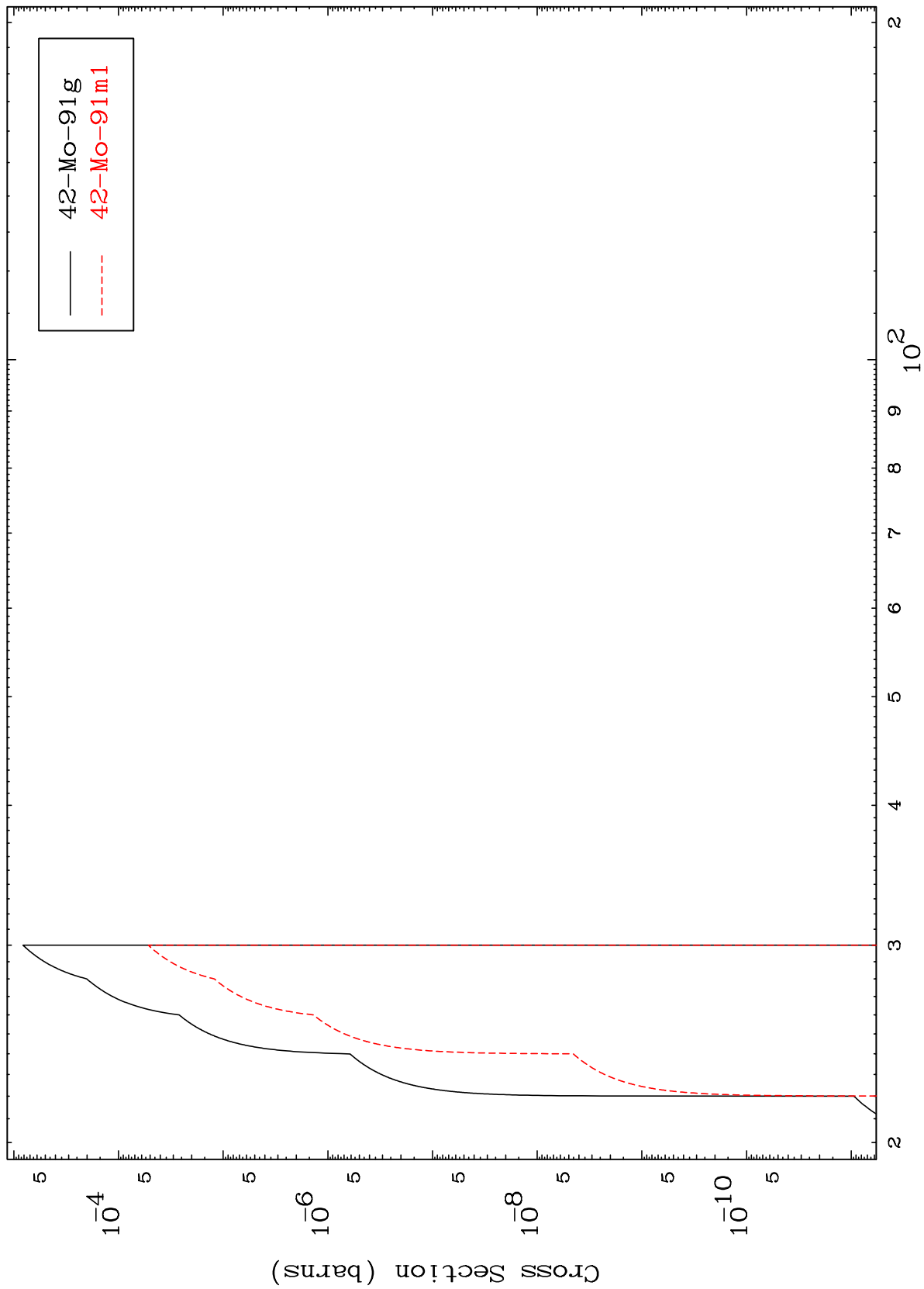
41-Nb-90m

MAT 4117

(n,n') d

41-Nb-90m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

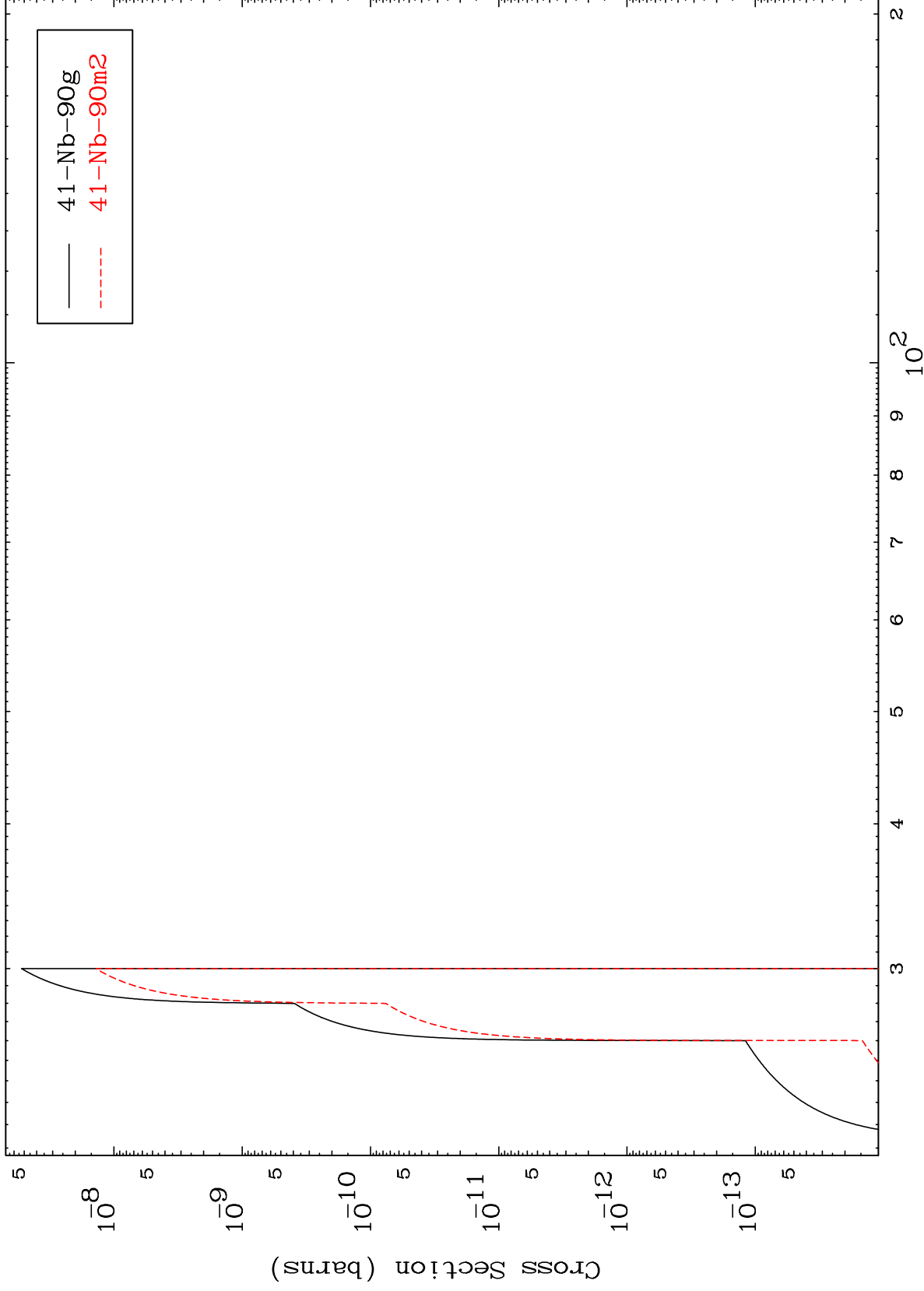
41-Nb-90m

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(n,n') He-3

41-Nb-90m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

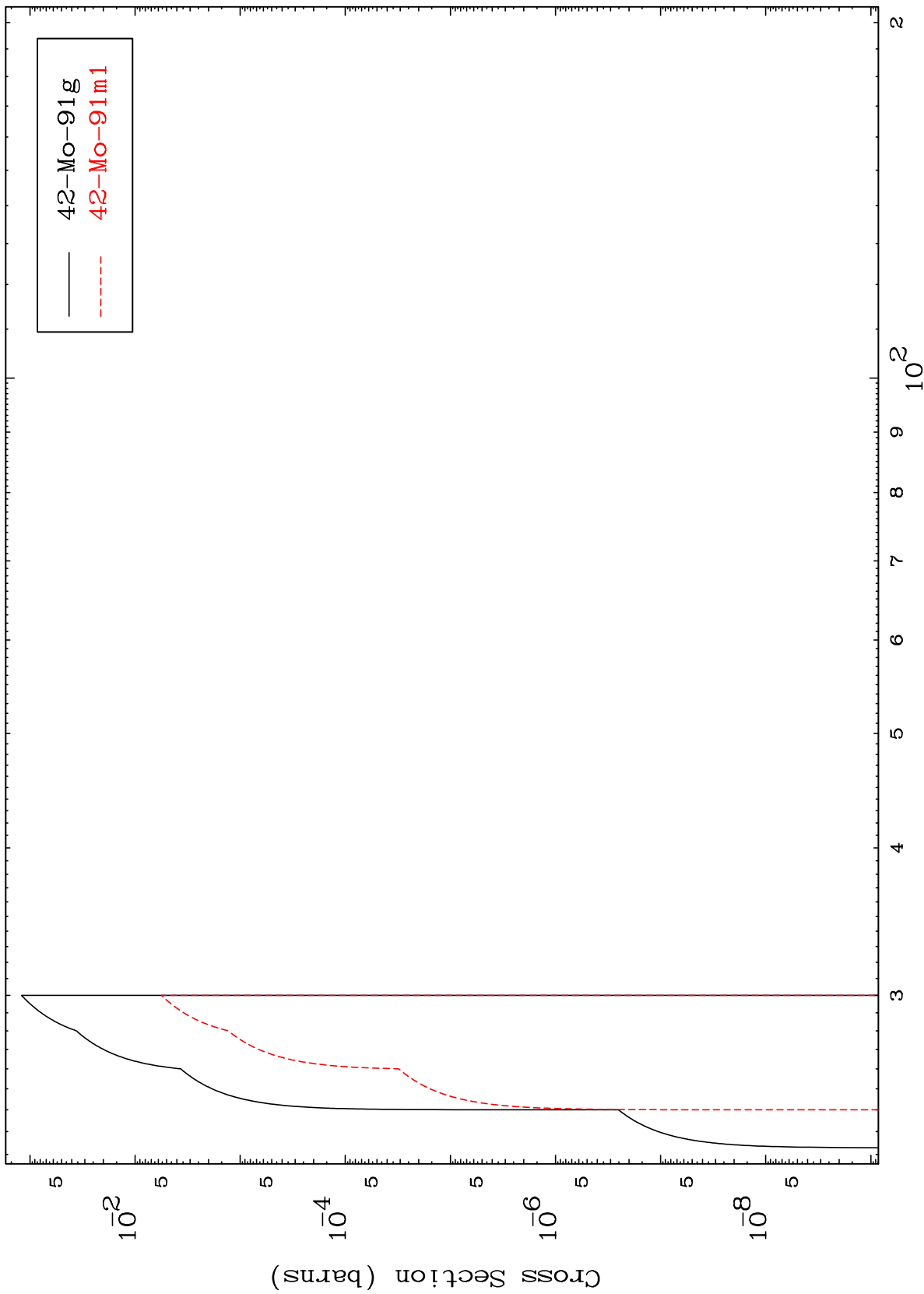
41-Nb-90m

MAT 4117

(n,2n) p

41-Nb-90m

Radionuclide Production Cross Section



42-Mo-91g
42-Mo-91m1

15

Incident Energy (MeV)

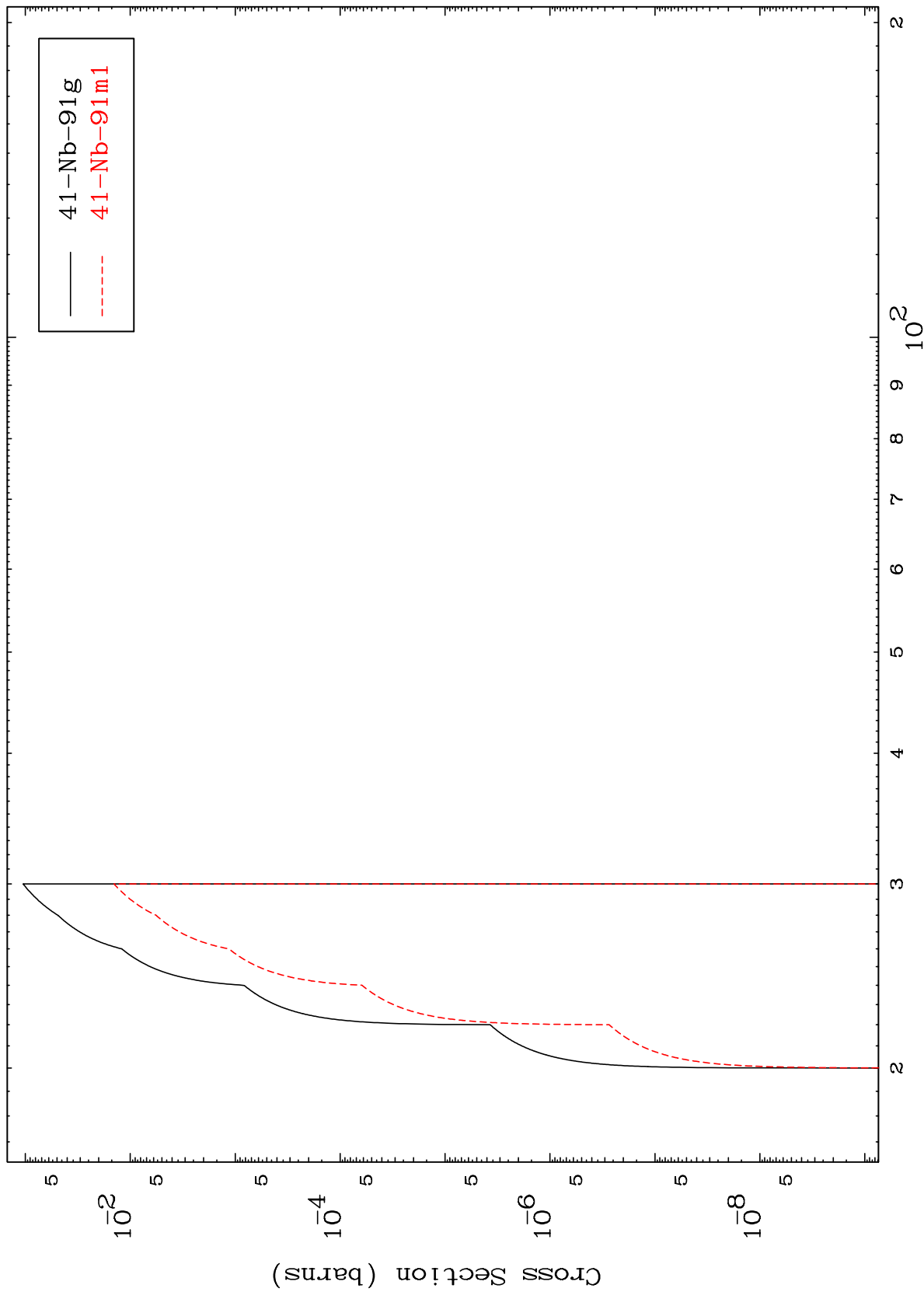
41-Nb-90m

MAT 4117

(n,2n) p

41-Nb-90m

Radionuclide Production Cross Section



16

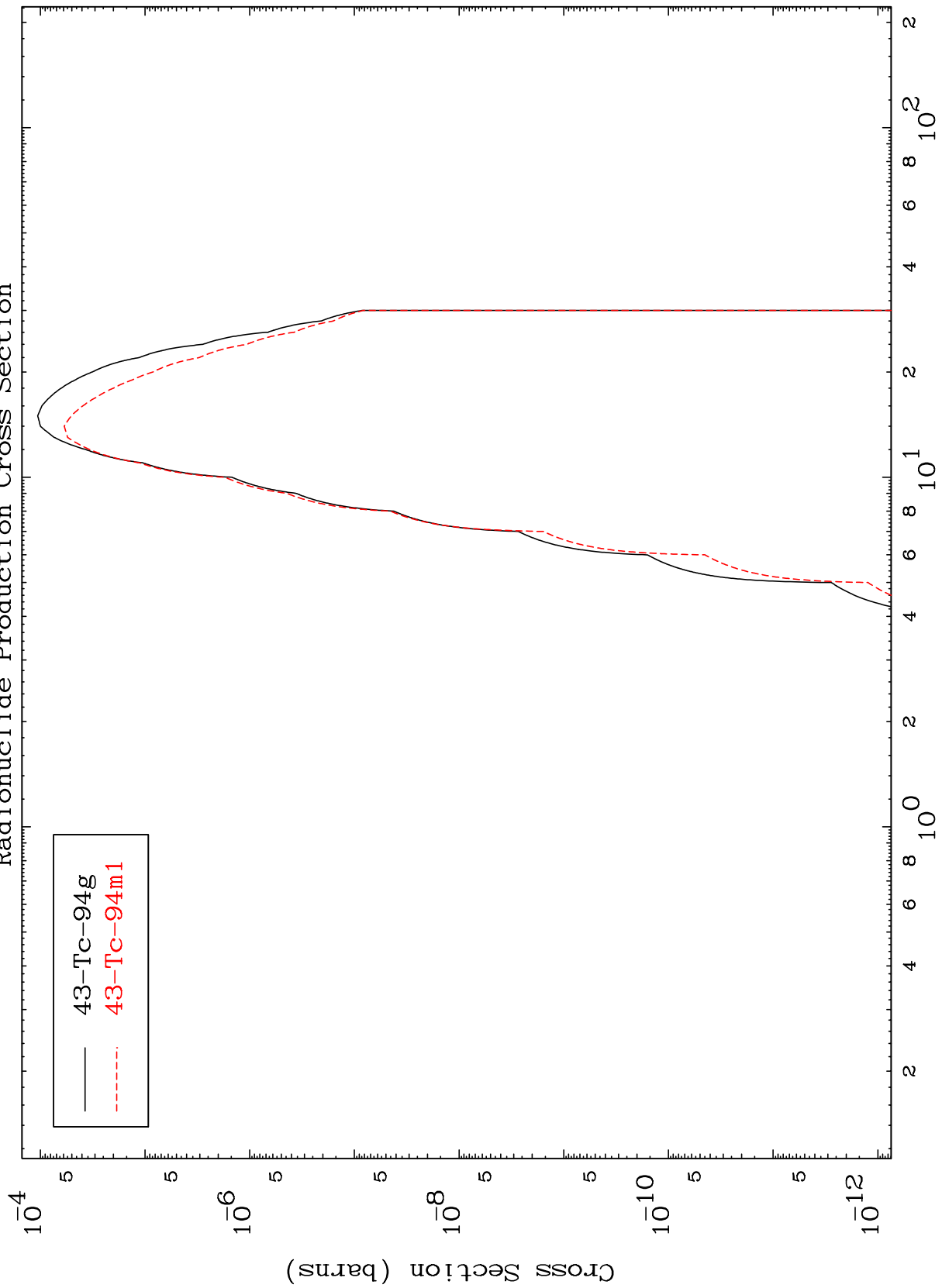
Incident Energy (MeV)

41-Nb-90m

MAT 4117

41-Nb-90m

Radionuclide Production Cross Section



Incident Energy (MeV)

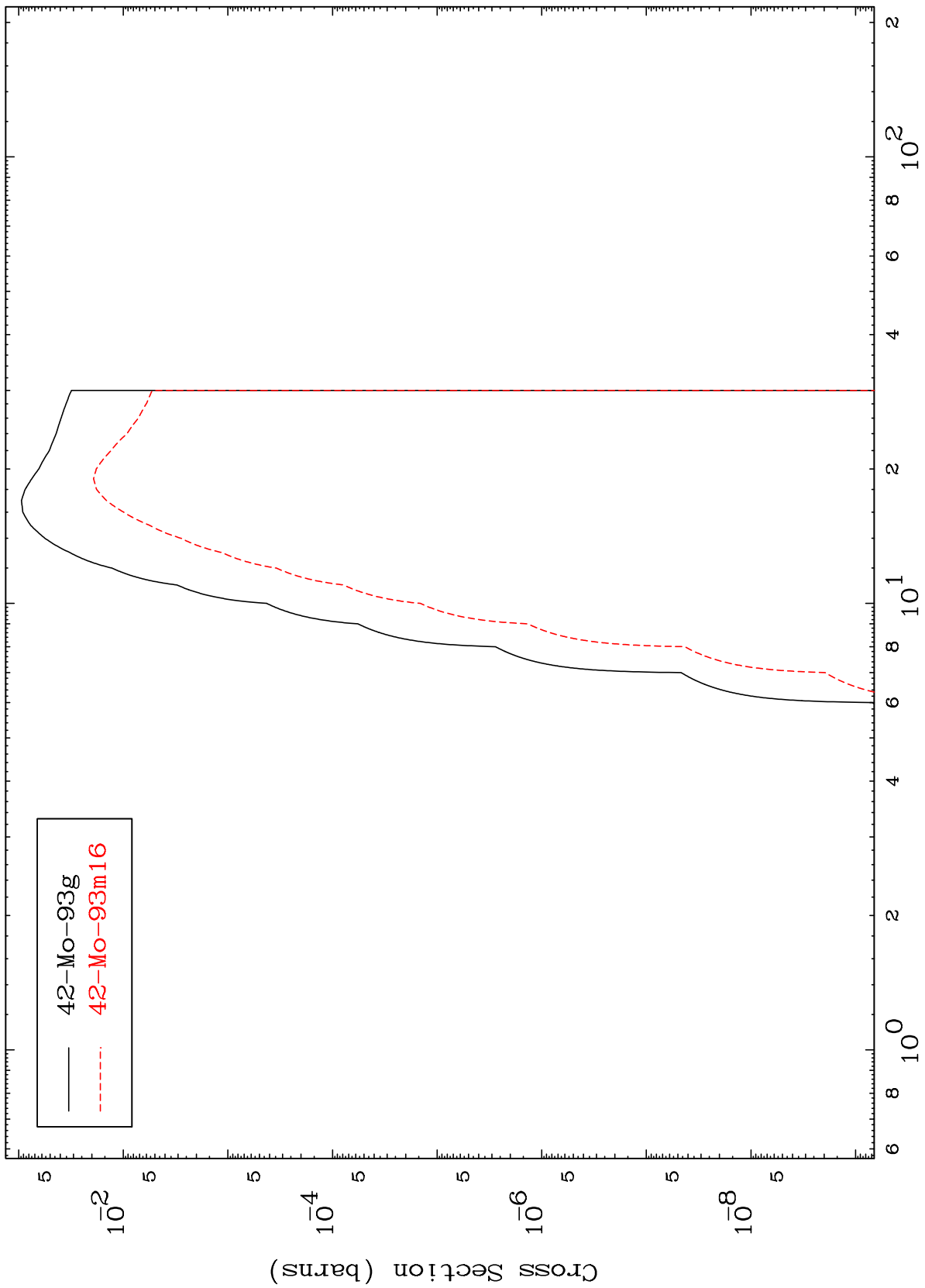
41-Nb-90m

17

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41-Nb-90m

(n,p)
Radionuclide Production Cross Section

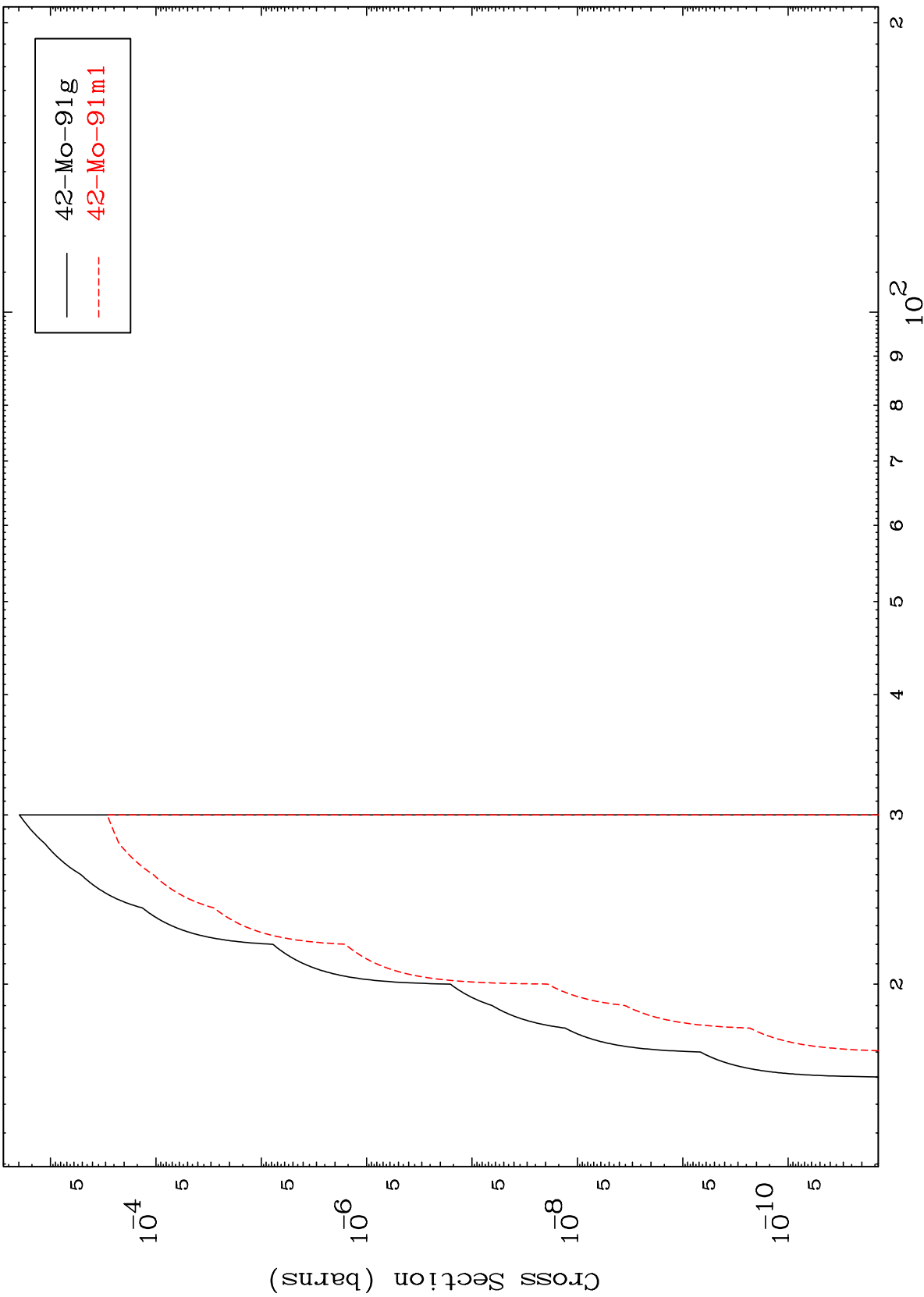


18

Incident Energy (MeV)

41-Nb-90m

Radionuclide Production Cross Section

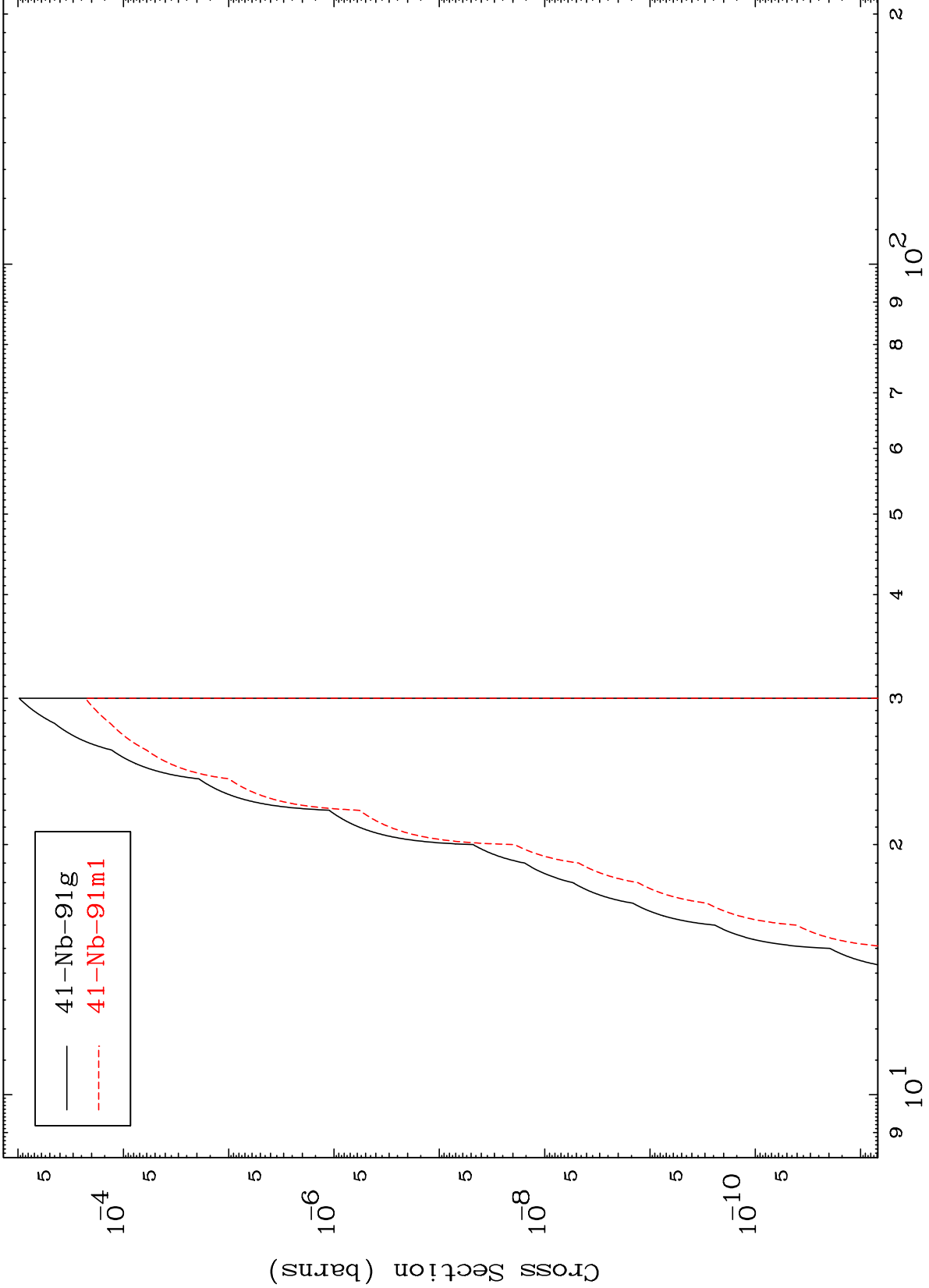


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(n,He-3)

41-Nb-90m

Radionuclide Production Cross Section



20

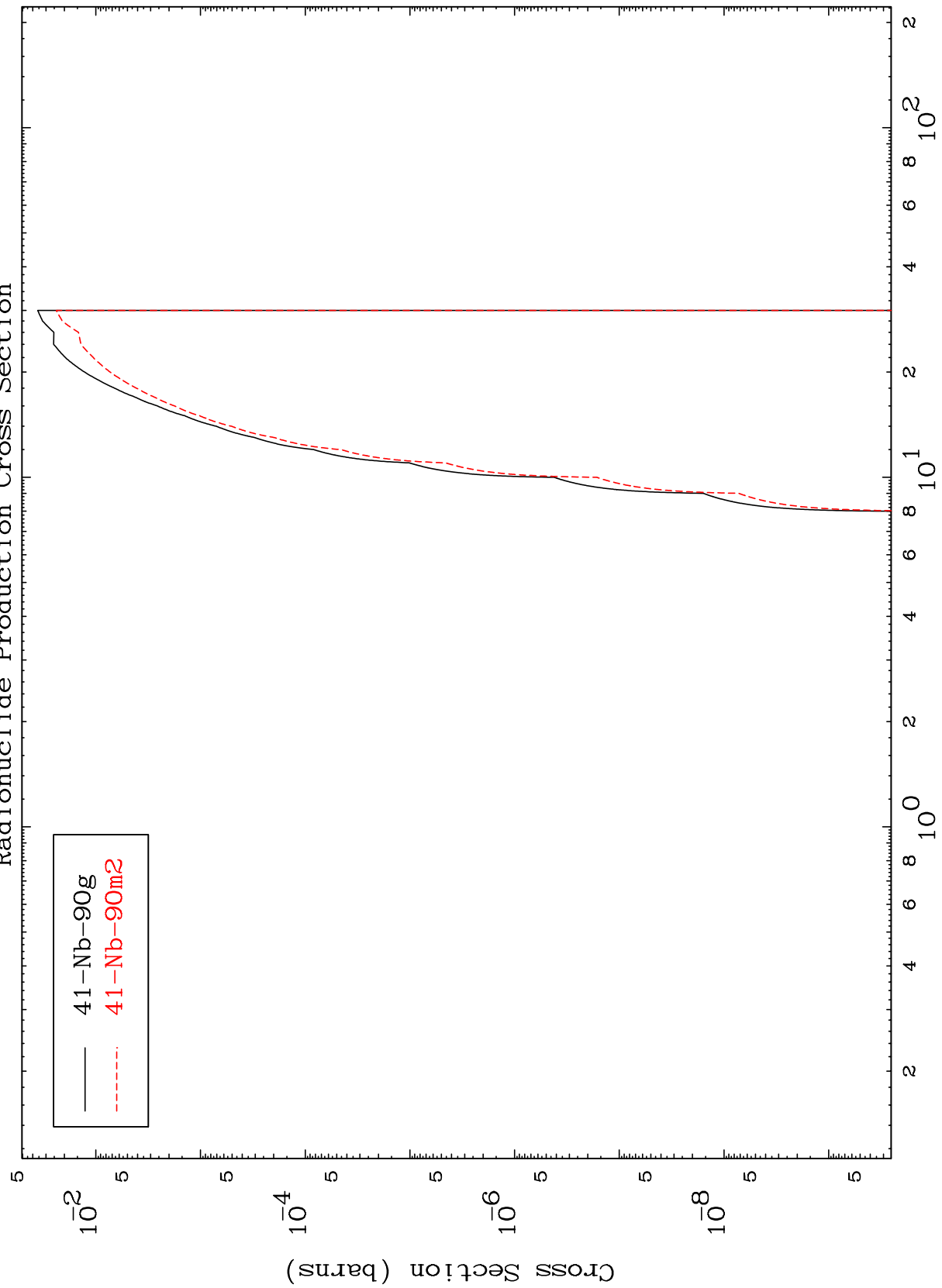
Incident Energy (MeV)

41-Nb-90m

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41-Nb-90m

Radionuclide Production Cross Section



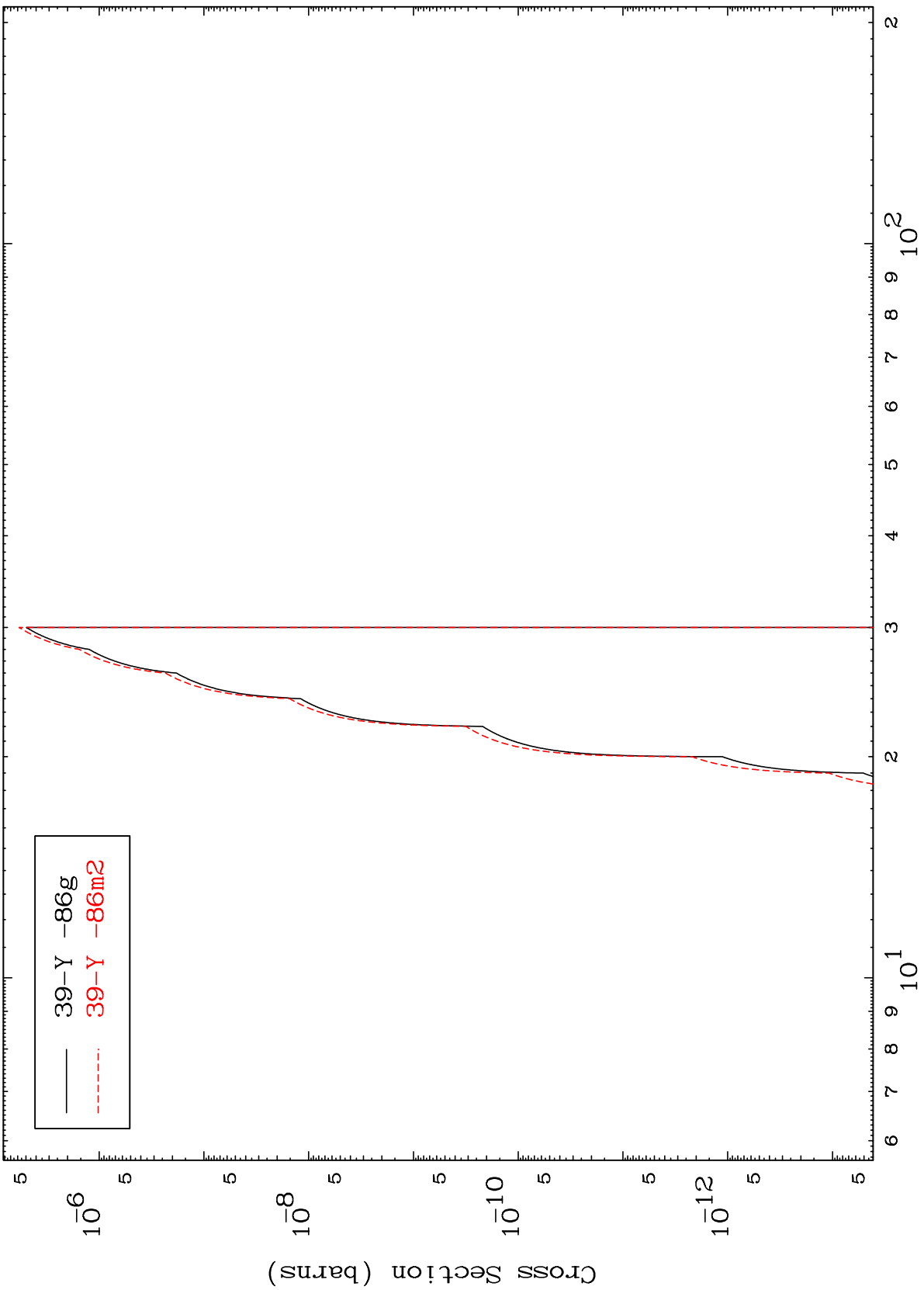
Incident Energy (MeV)

41-Nb-90m

MAT 4117

41-Nb-90m

Radionuclide Production Cross Section



22

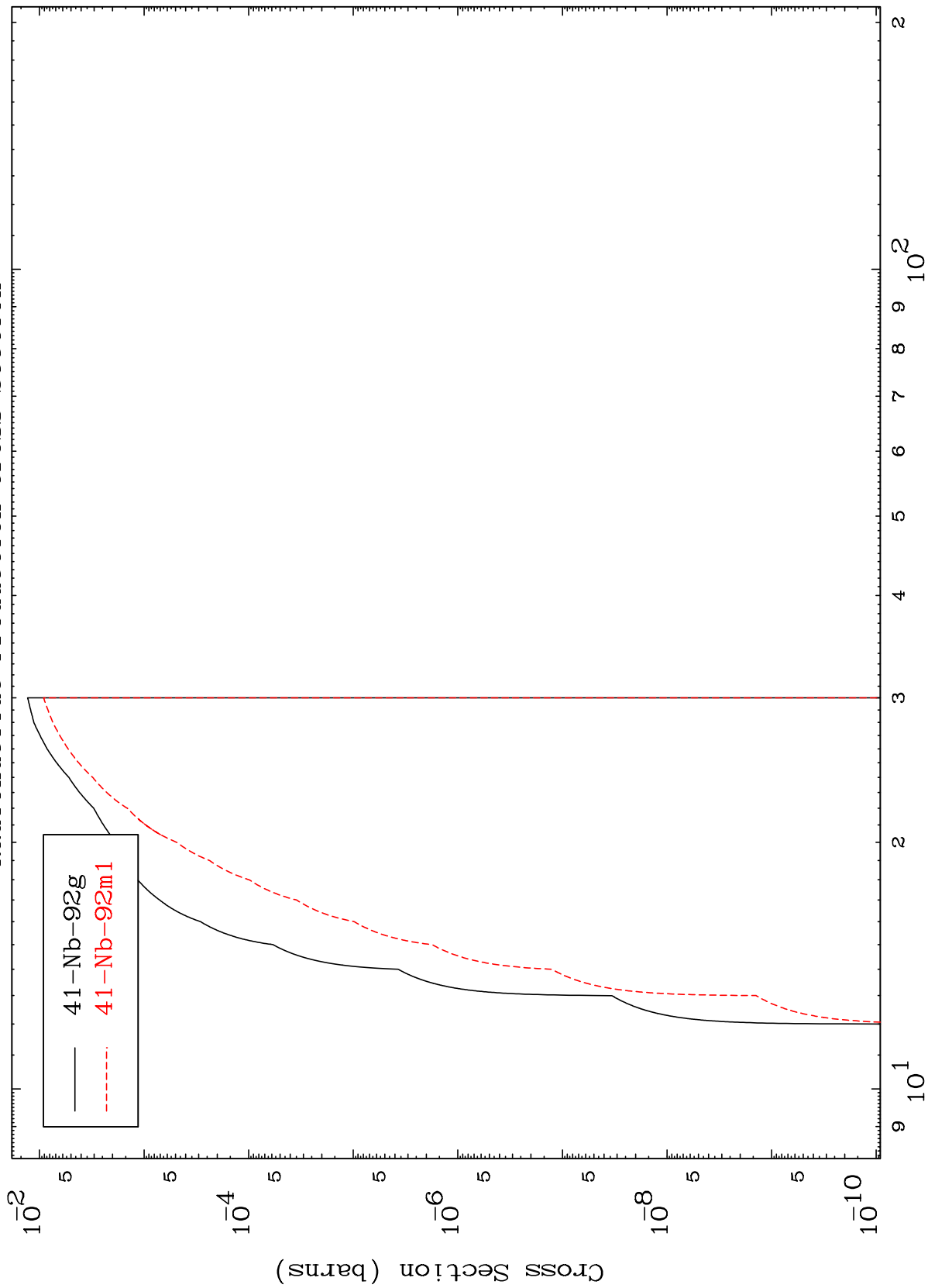
41-Nb-90m

Incident Energy (MeV)

MAT 4117

41-Nb-90m

Radionuclide Production Cross Section
(n,2p)



23

Incident Energy (MeV)

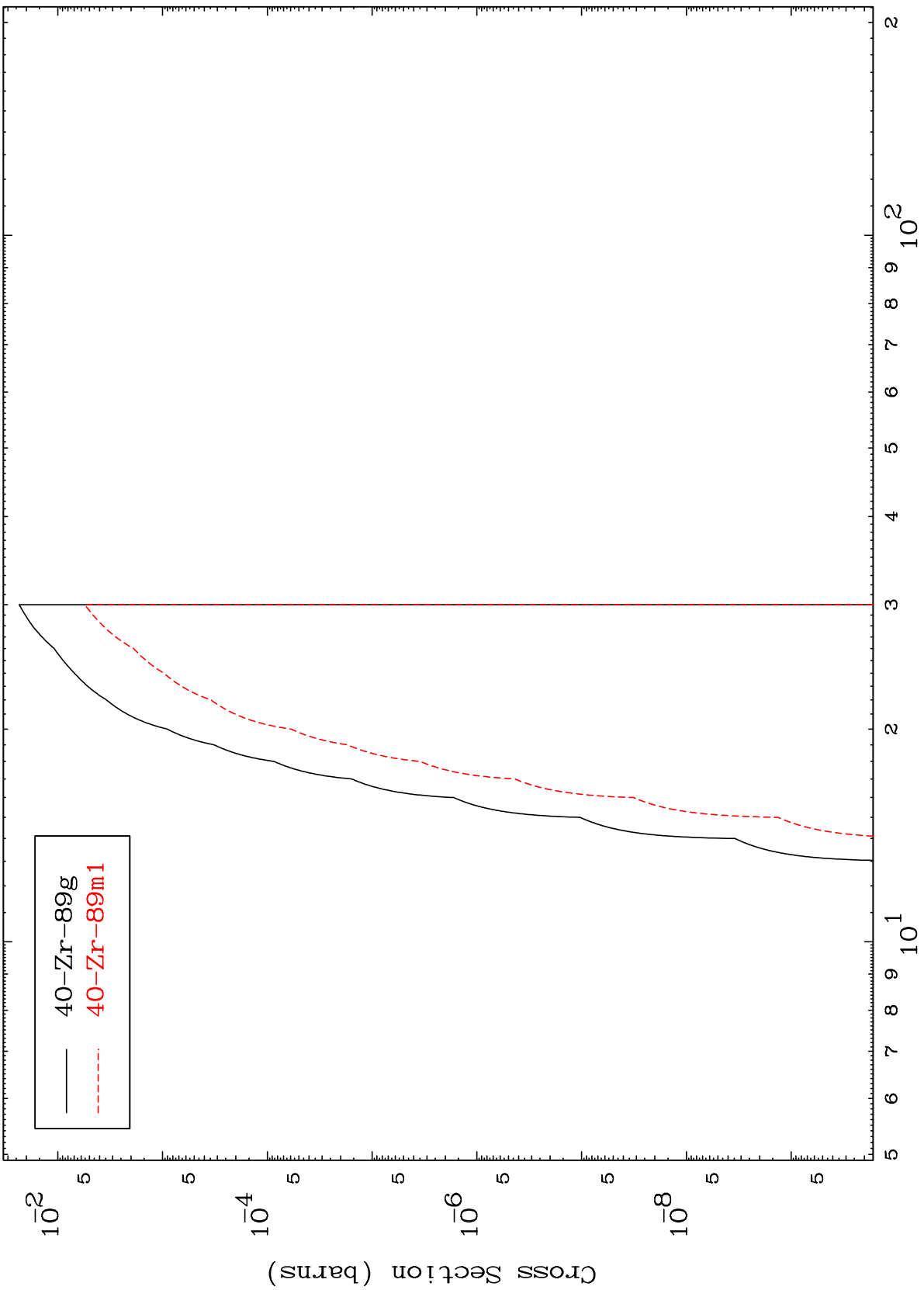
41-Nb-90m

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(n,p) α

41-Nb-90m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

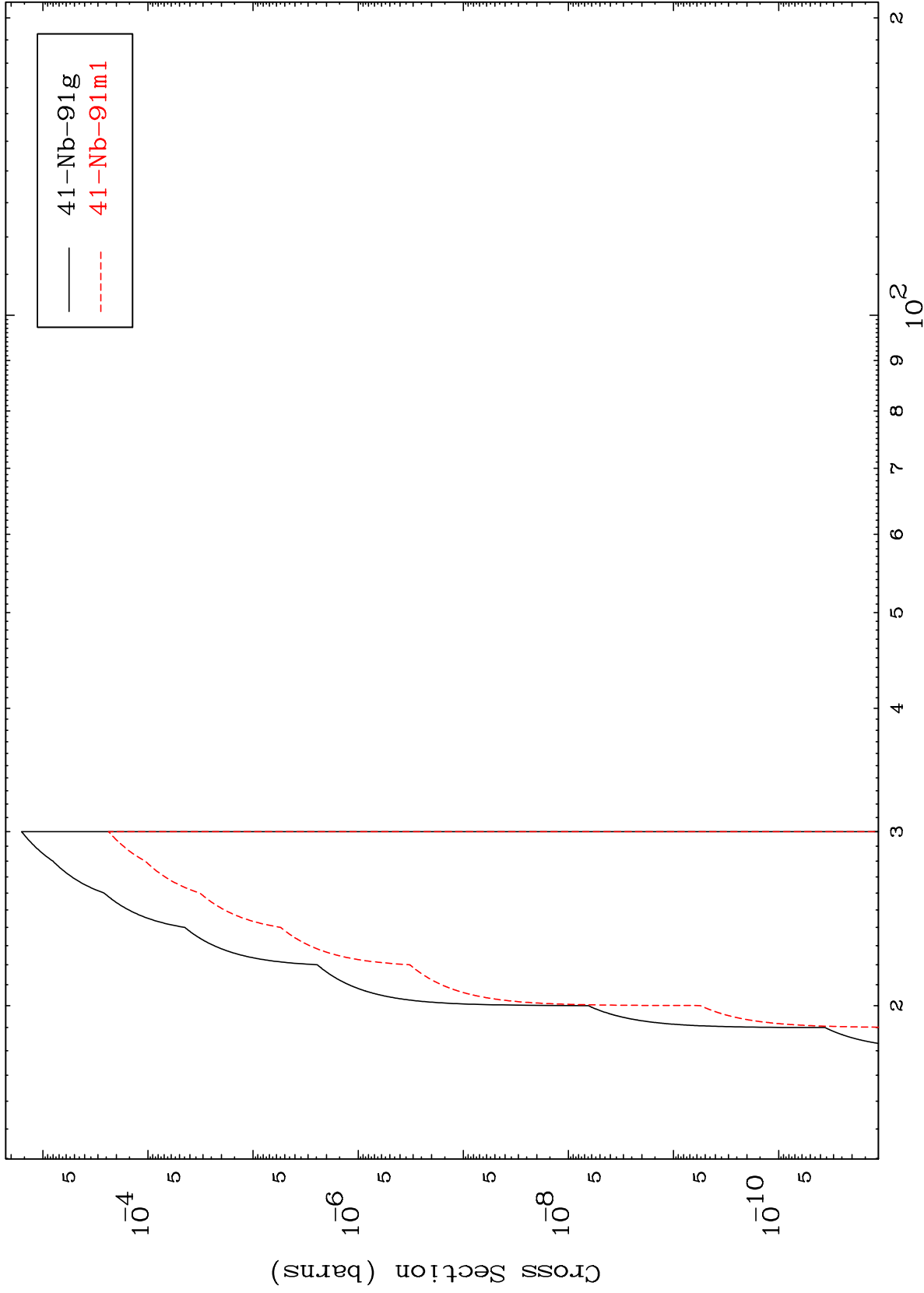
41-Nb-90m

MAT 4117

(n,p) d

41-Nb-90m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

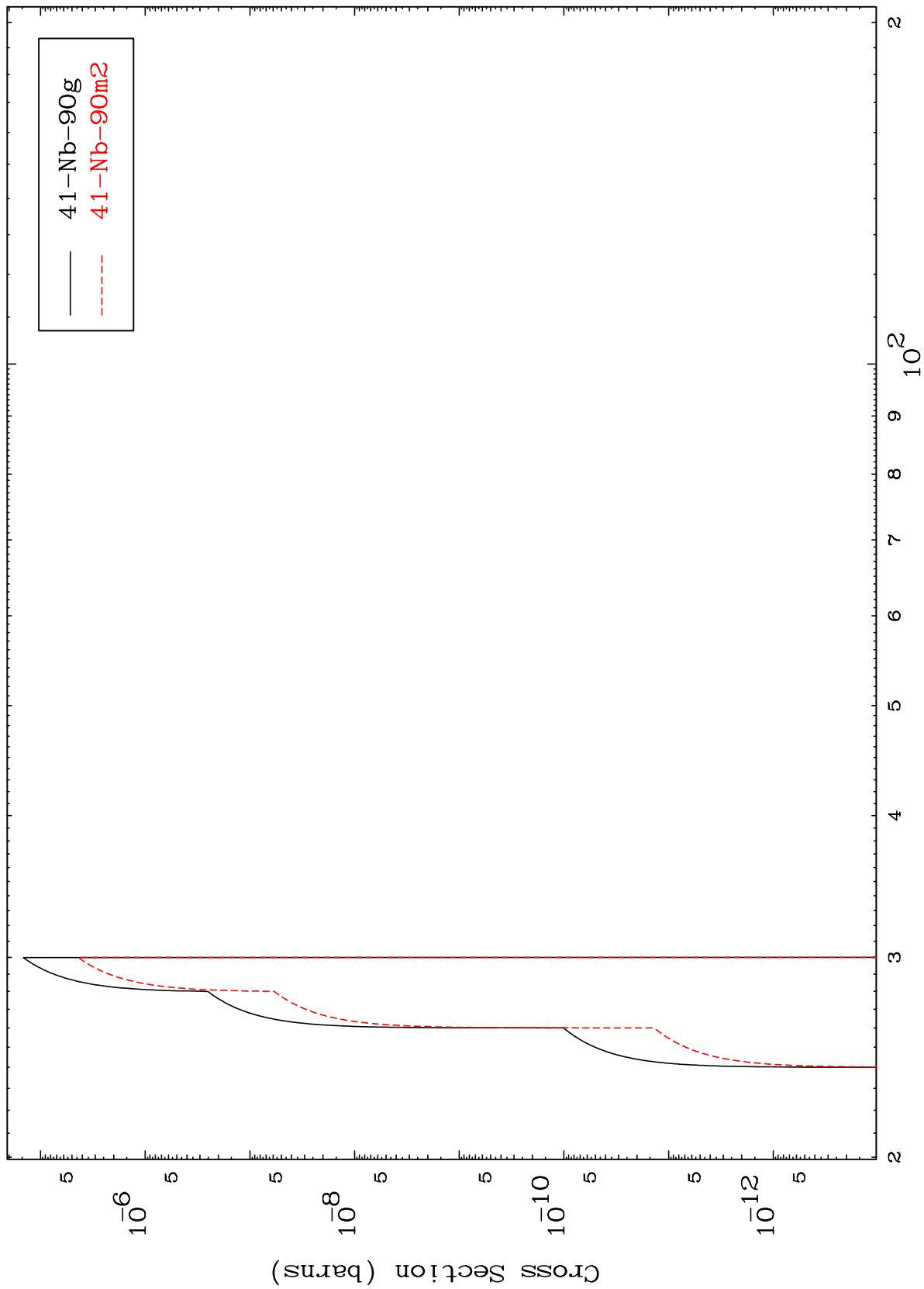
41-Nb-90m

MAT 4117

(n,p) t

41-Nb-90m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

41-Nb-90m