

Program EVALPLOT
(Version 2021-1)

by

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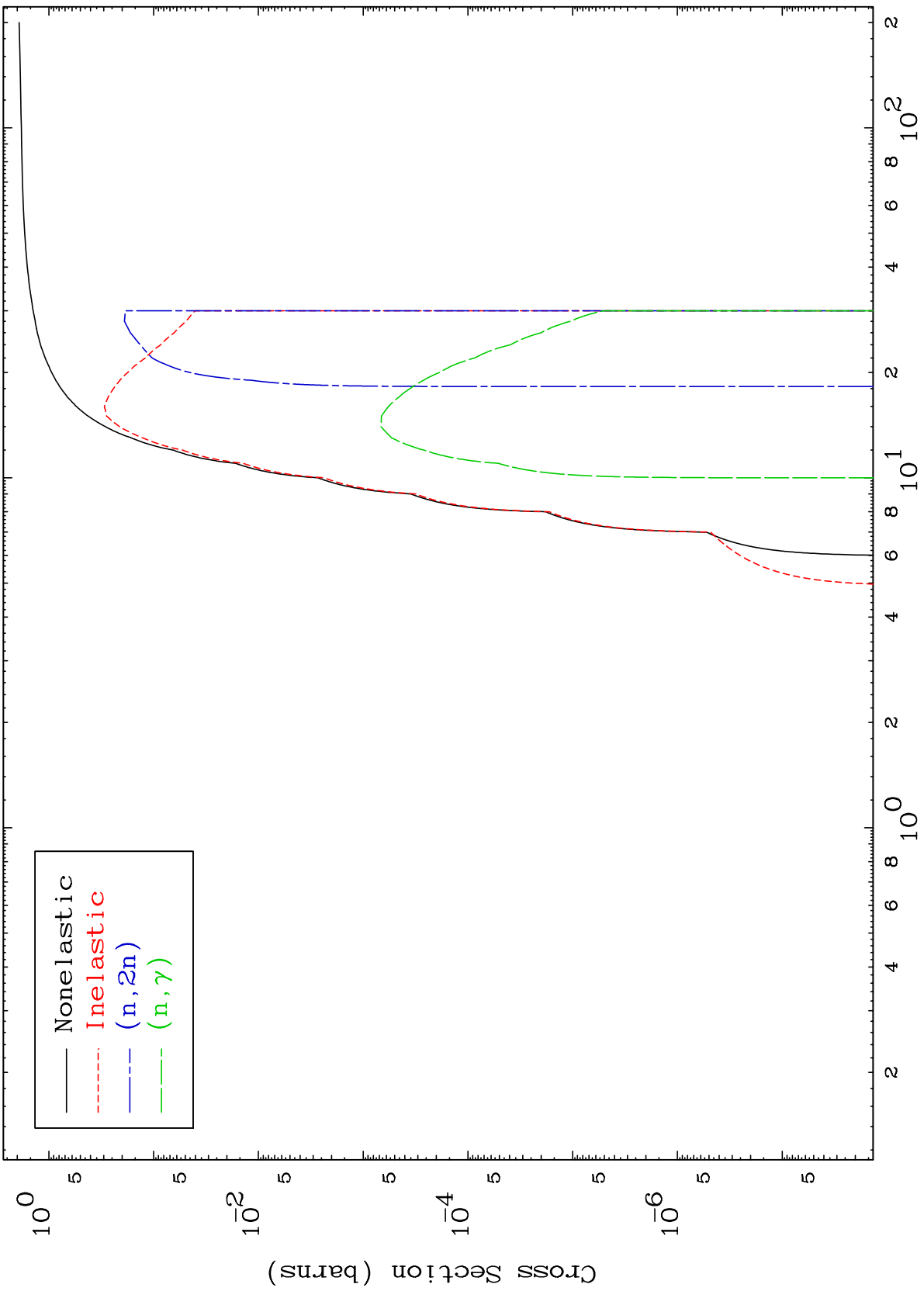
Press Mouse Button to Start

MAT 4116

α Major

41-Nb-90

0 Kelvin Cross Sections



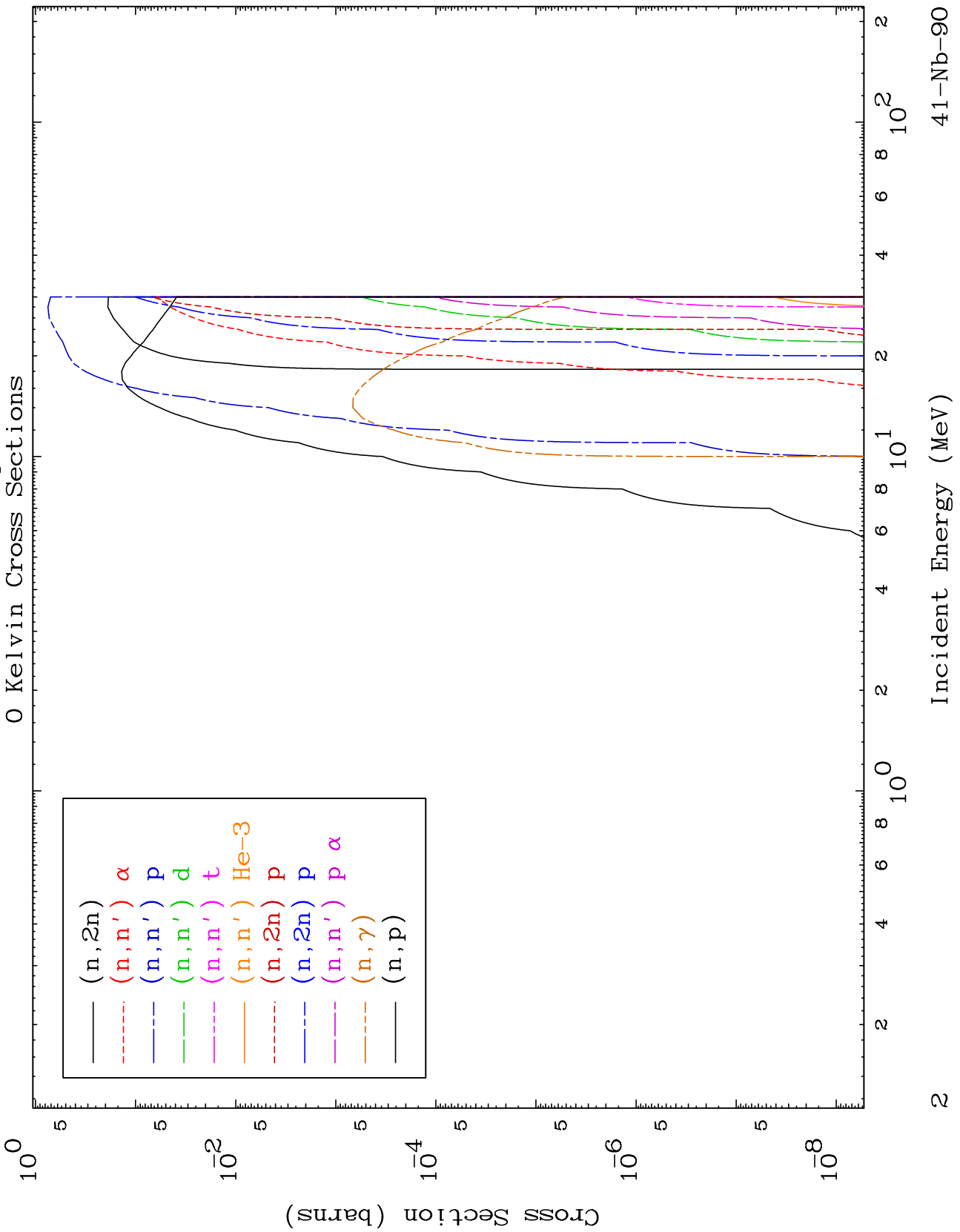
Incident Energy (MeV)

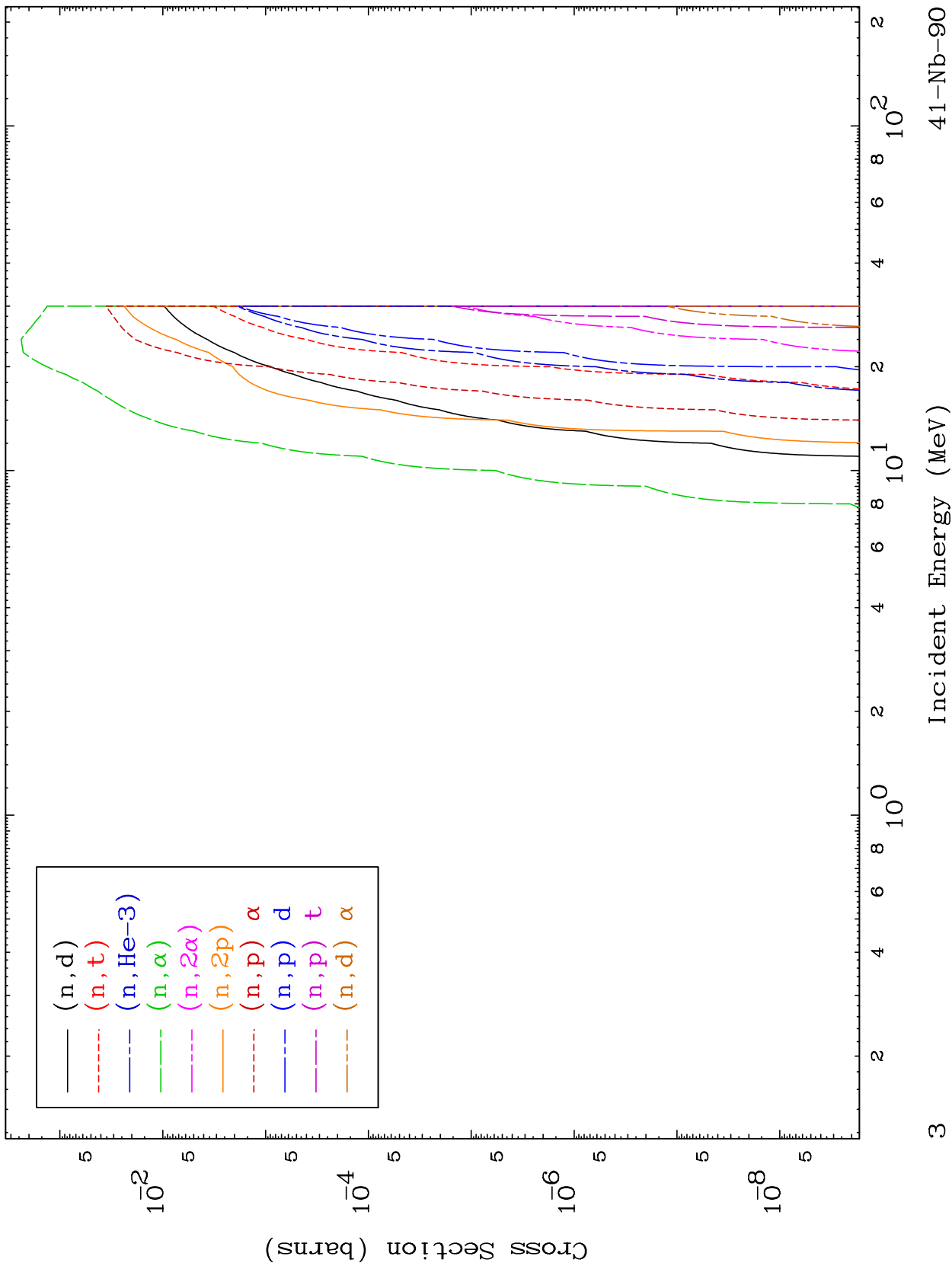
41-Nb-90

MAT 4116

α Neutron Absorption

41-Nb-90

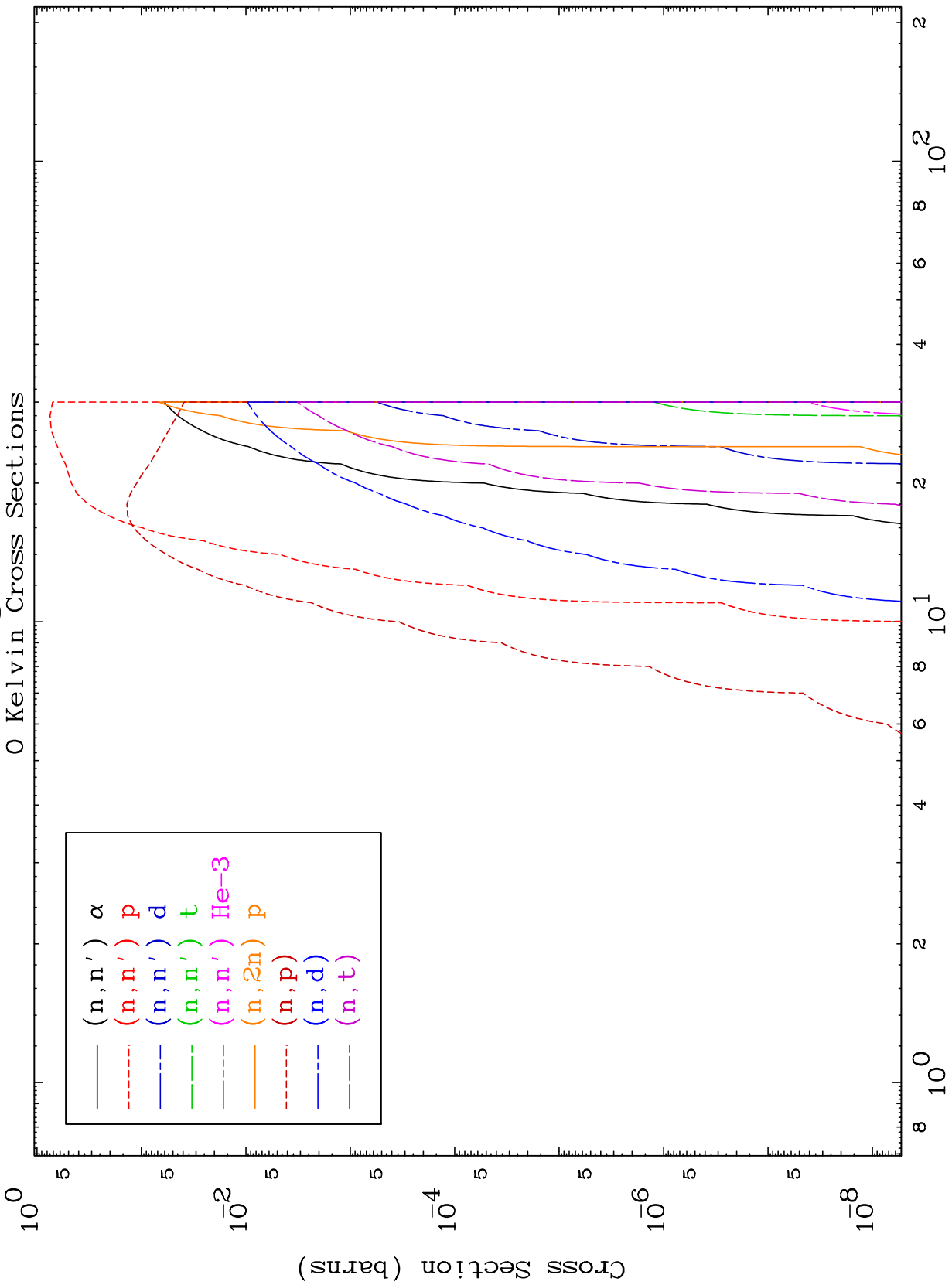




MAT 4116

α Charged Particle
0 Kelvin Cross Sections

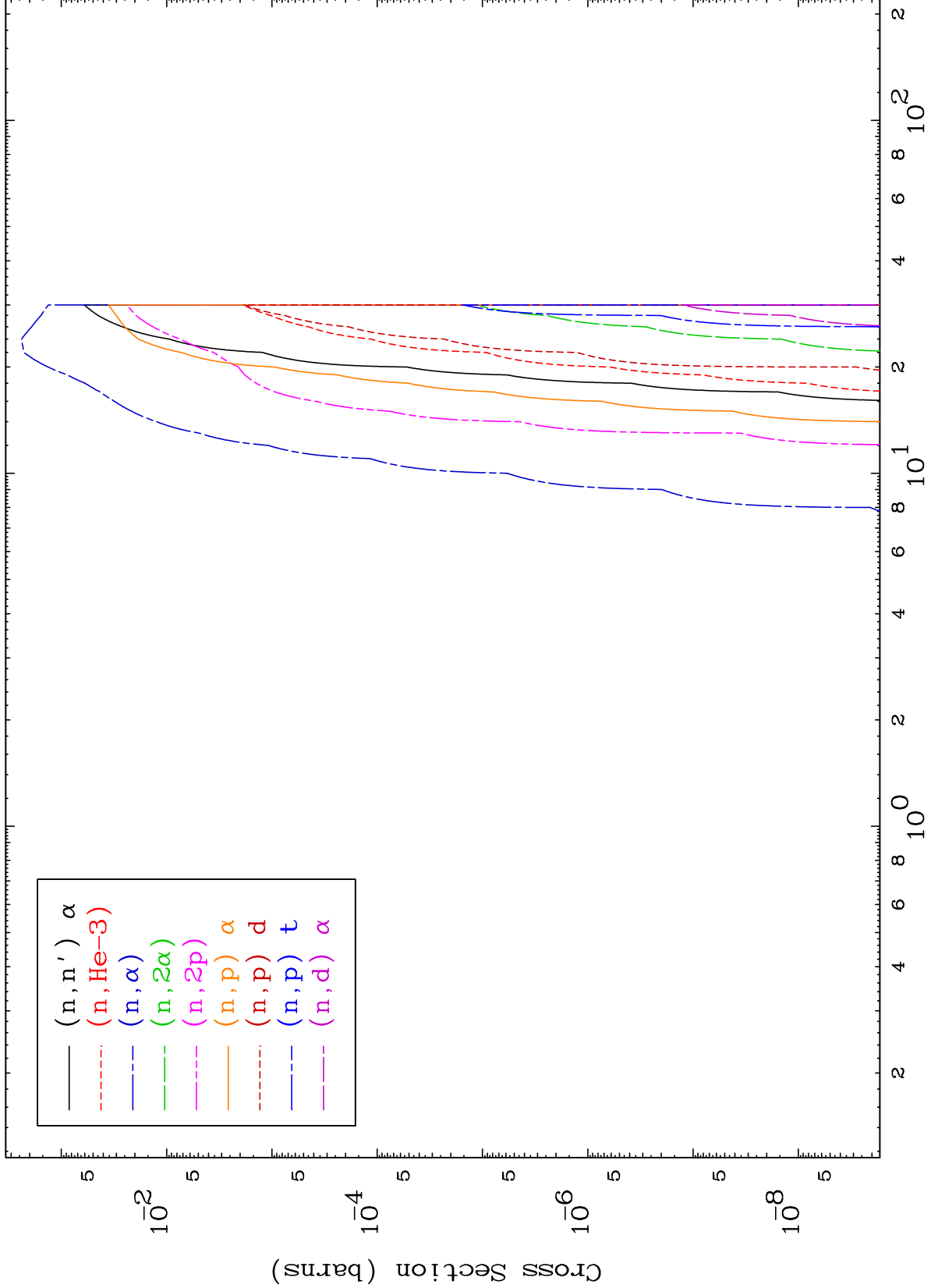
41-Nb-90



4

Incident Energy (MeV)

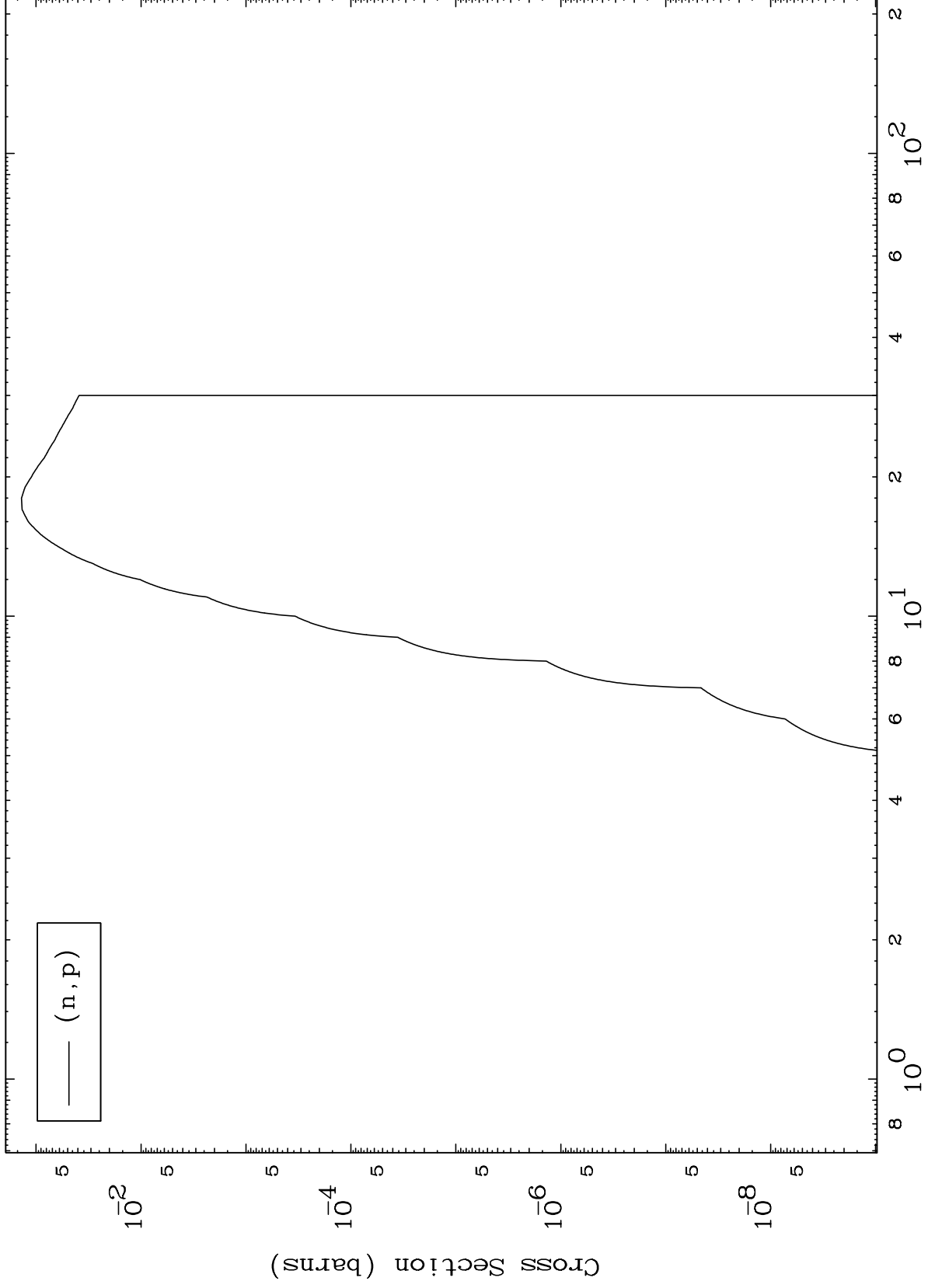
41-Nb-90



MAT 4116

(α, p) Levels
0 Kelvin Cross Sections

41-Nb-90



Incident Energy (MeV)

41-Nb-90

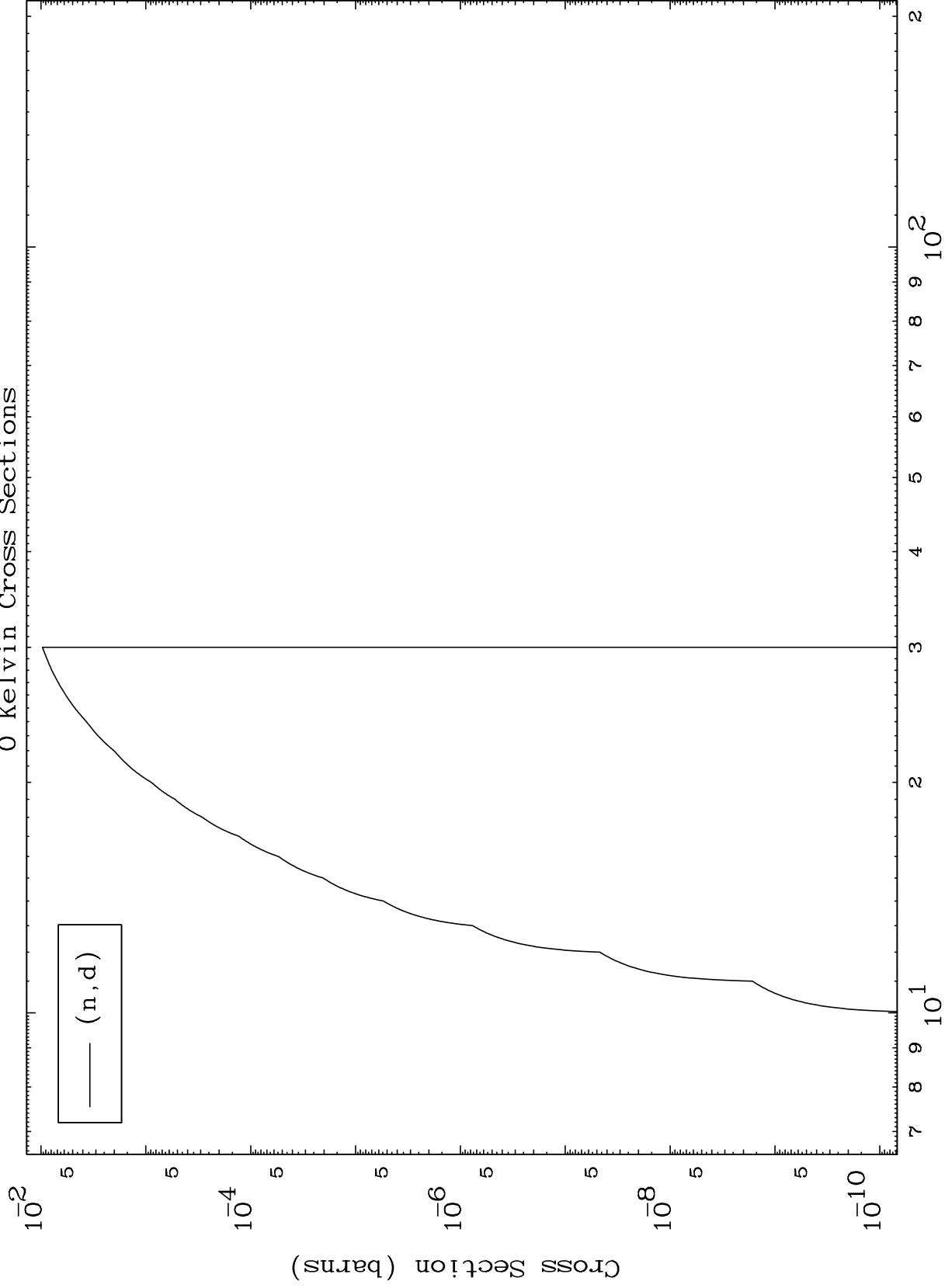
6

MAT 4116

(α, d) Levels

41-Nb-90

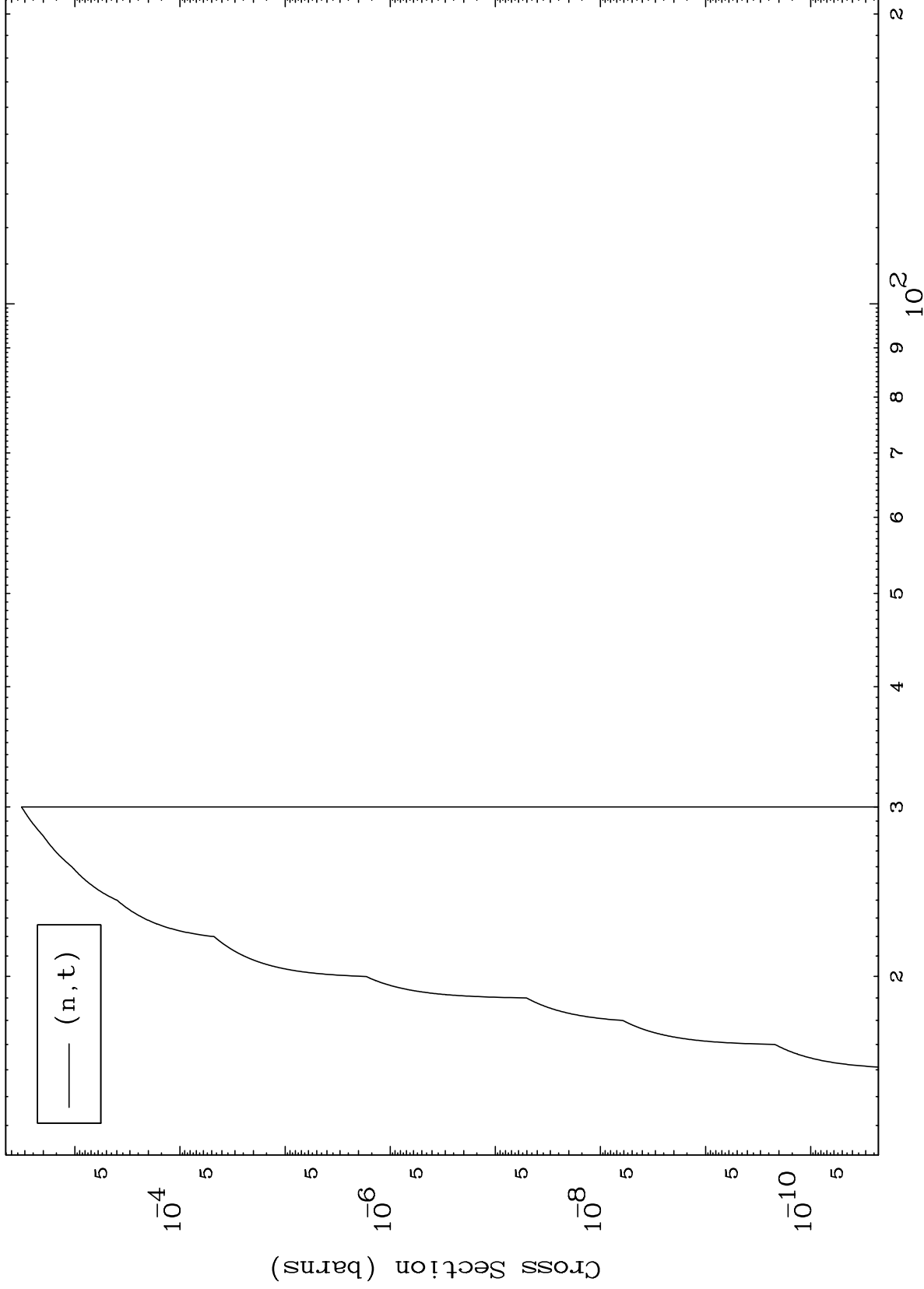
0 Kelvin Cross Sections



7

Incident Energy (MeV)

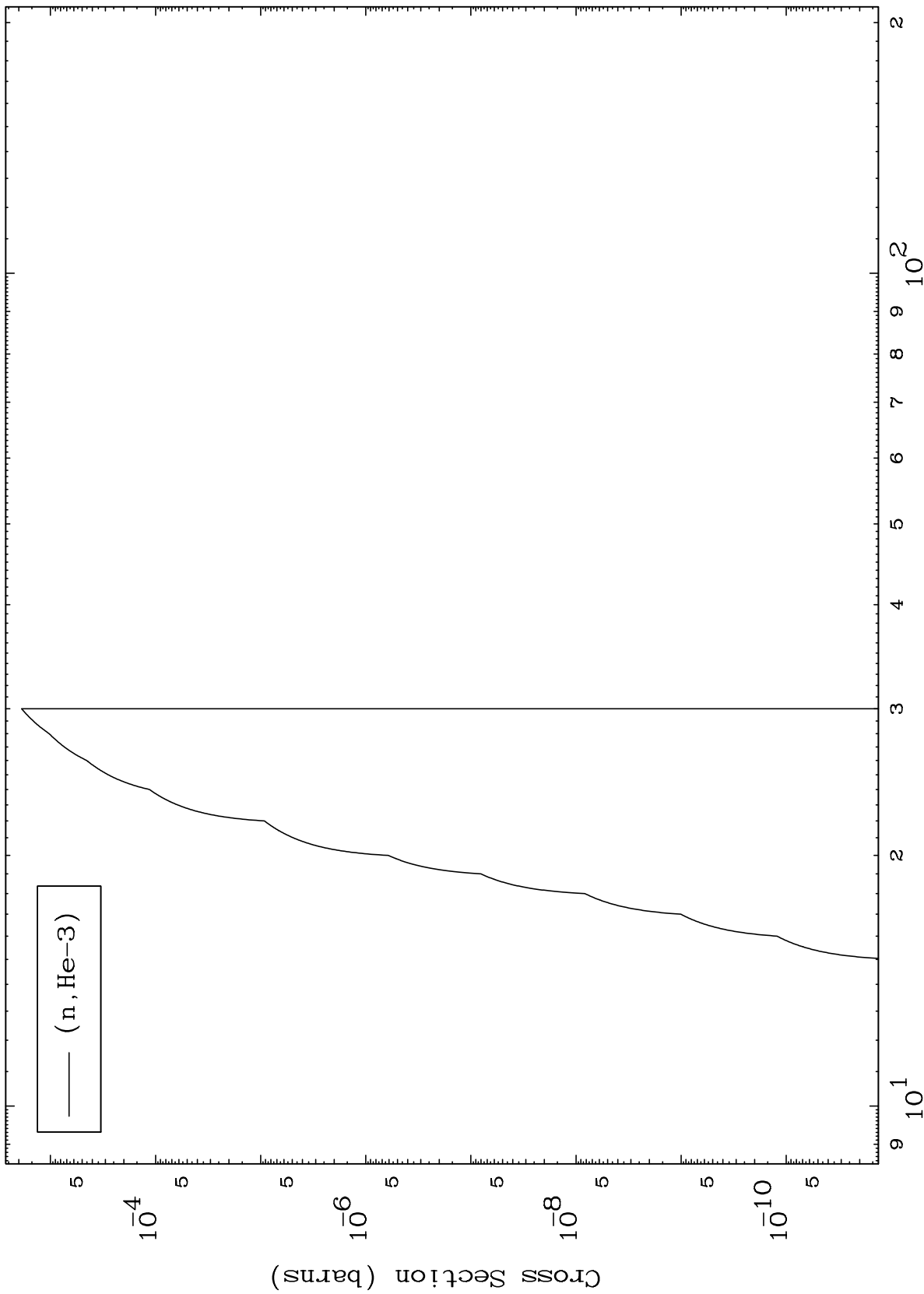
41-Nb-90



MAT 4116

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

41-Nb-90



9

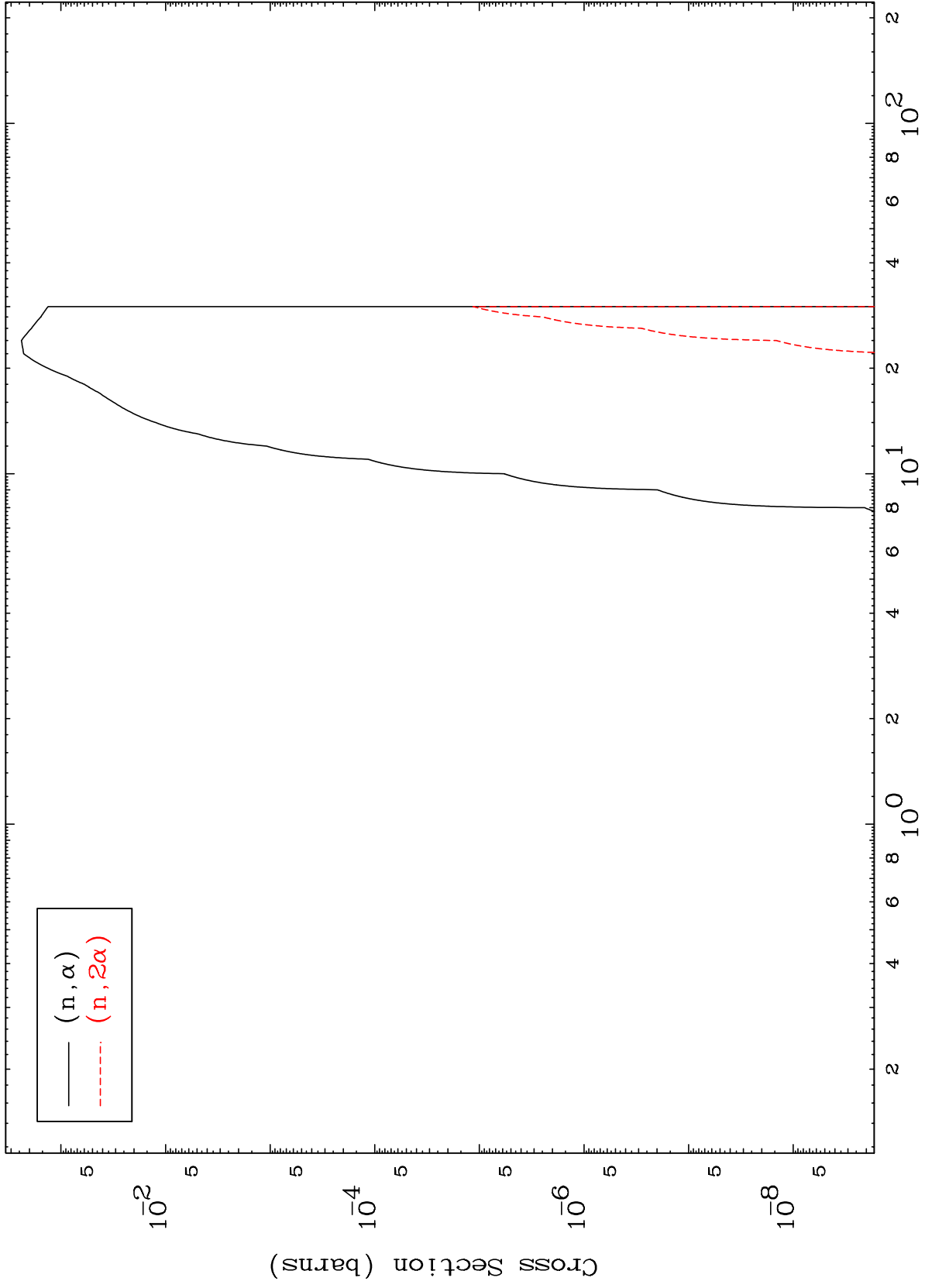
Incident Energy (MeV)

41-Nb-90

MAT 4116

0 Kelvin Cross Sections
(α, α) Levels

41-Nb-90



10

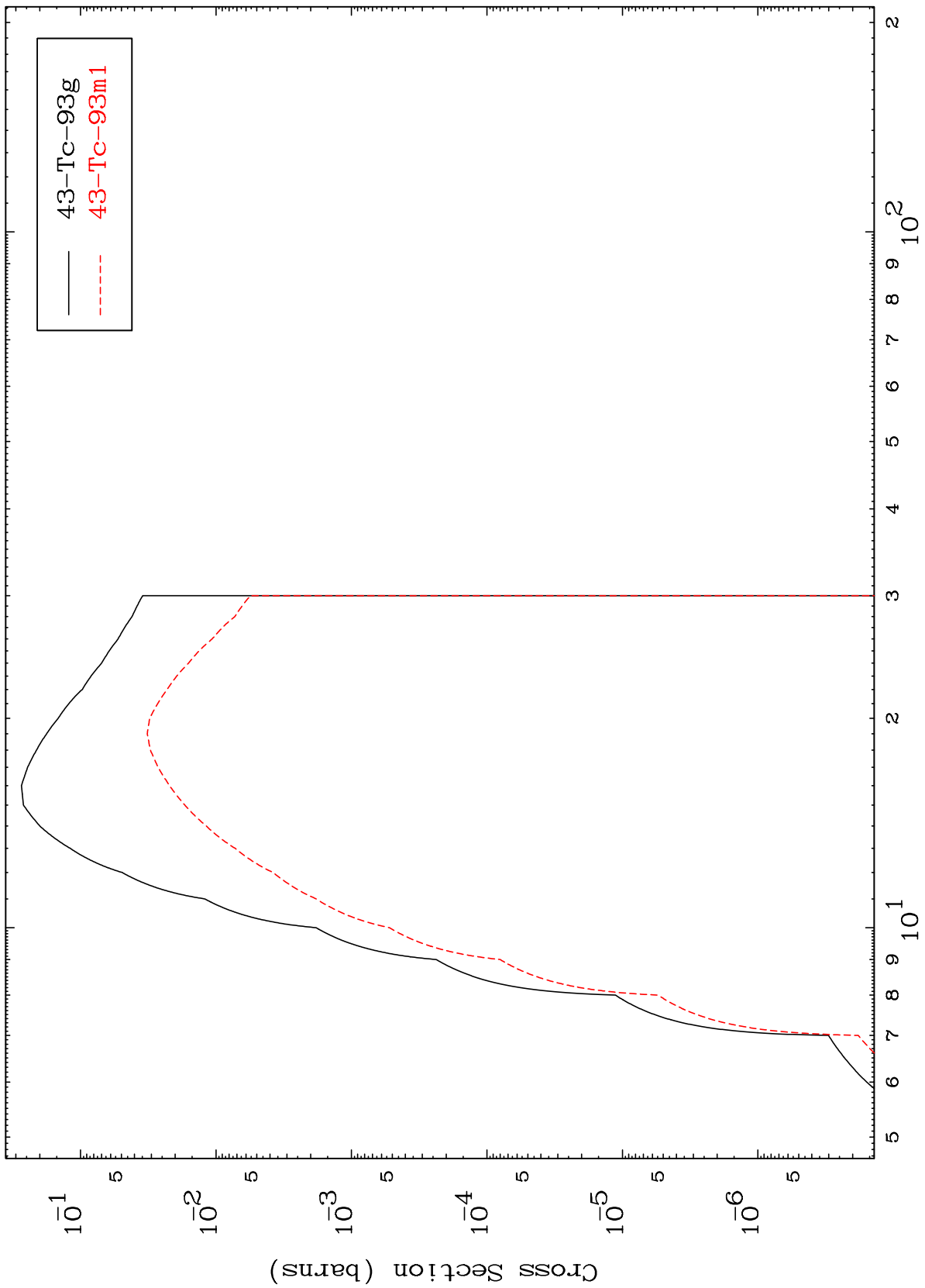
Incident Energy (MeV)

41-Nb-90

MAT 4116

41-Nb-90

Inelastic
Radionuclide Production Cross Section



11

Incident Energy (MeV)

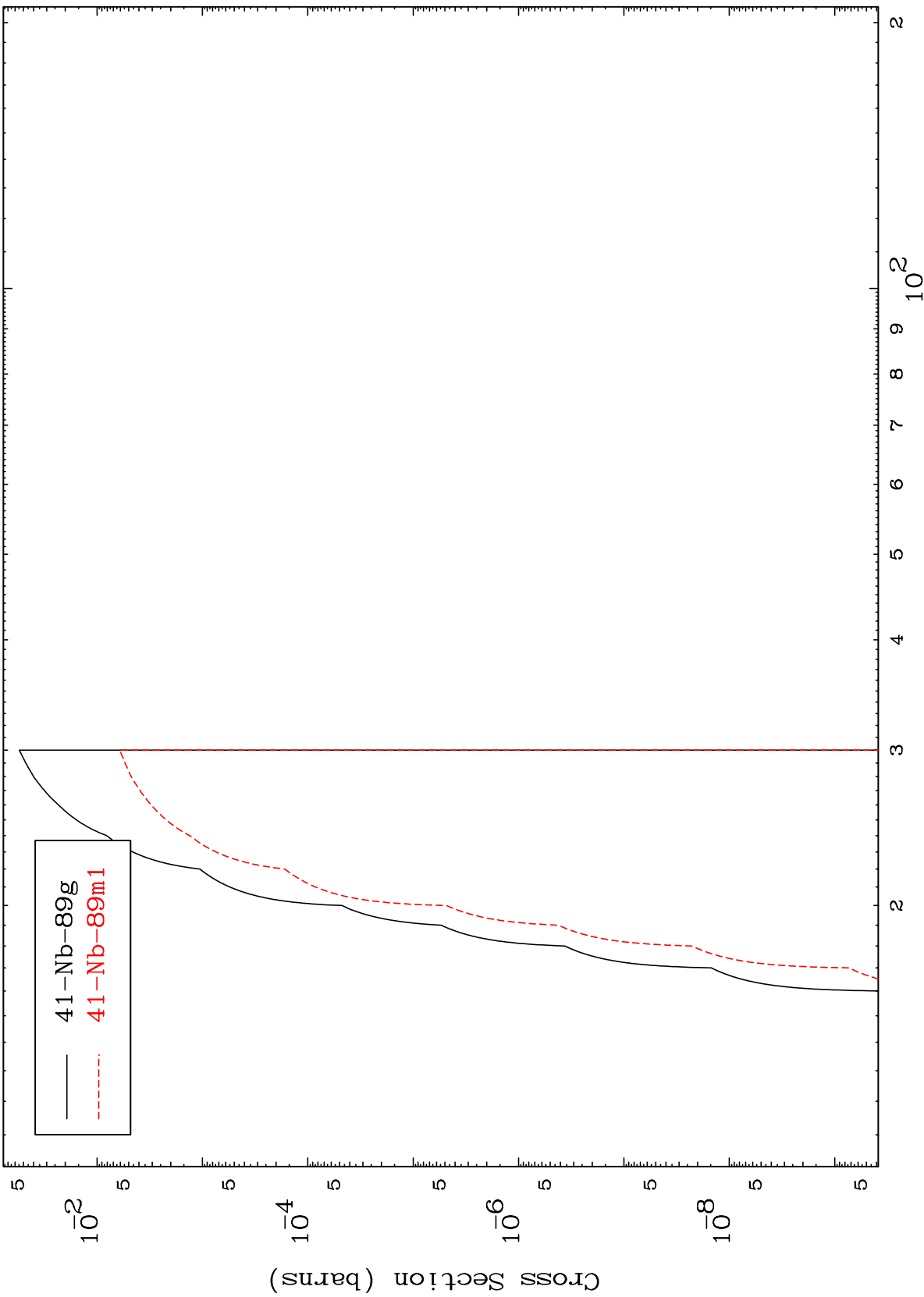
41-Nb-90

MAT 41116

(n,n') α

41-Nb-90

Radionuclide Production Cross Section



12

Incident Energy (MeV)

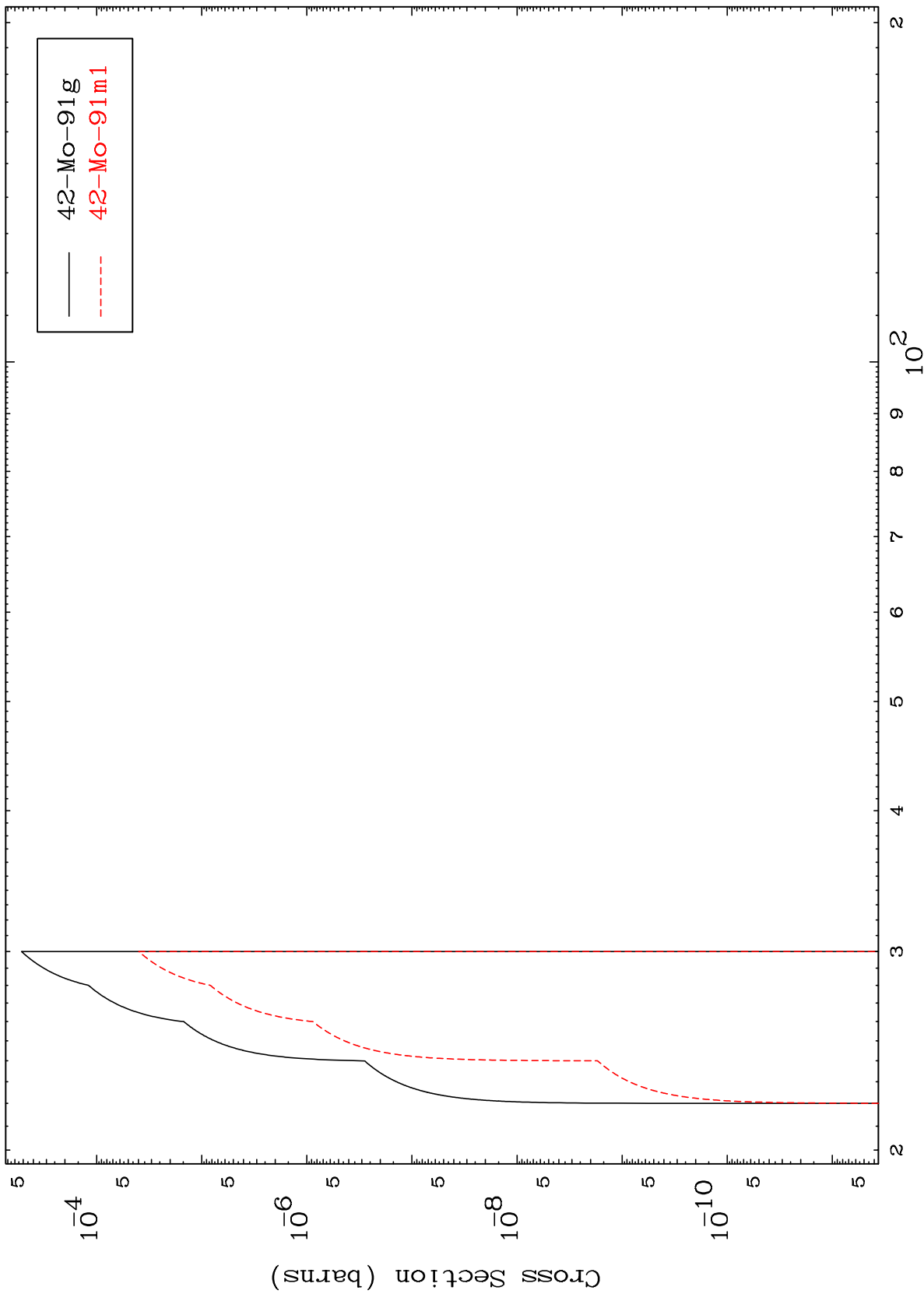
41-Nb-90

MAT 4116

(n,n') d

41-Nb-90

Radionuclide Production Cross Section



13

Incident Energy (MeV)

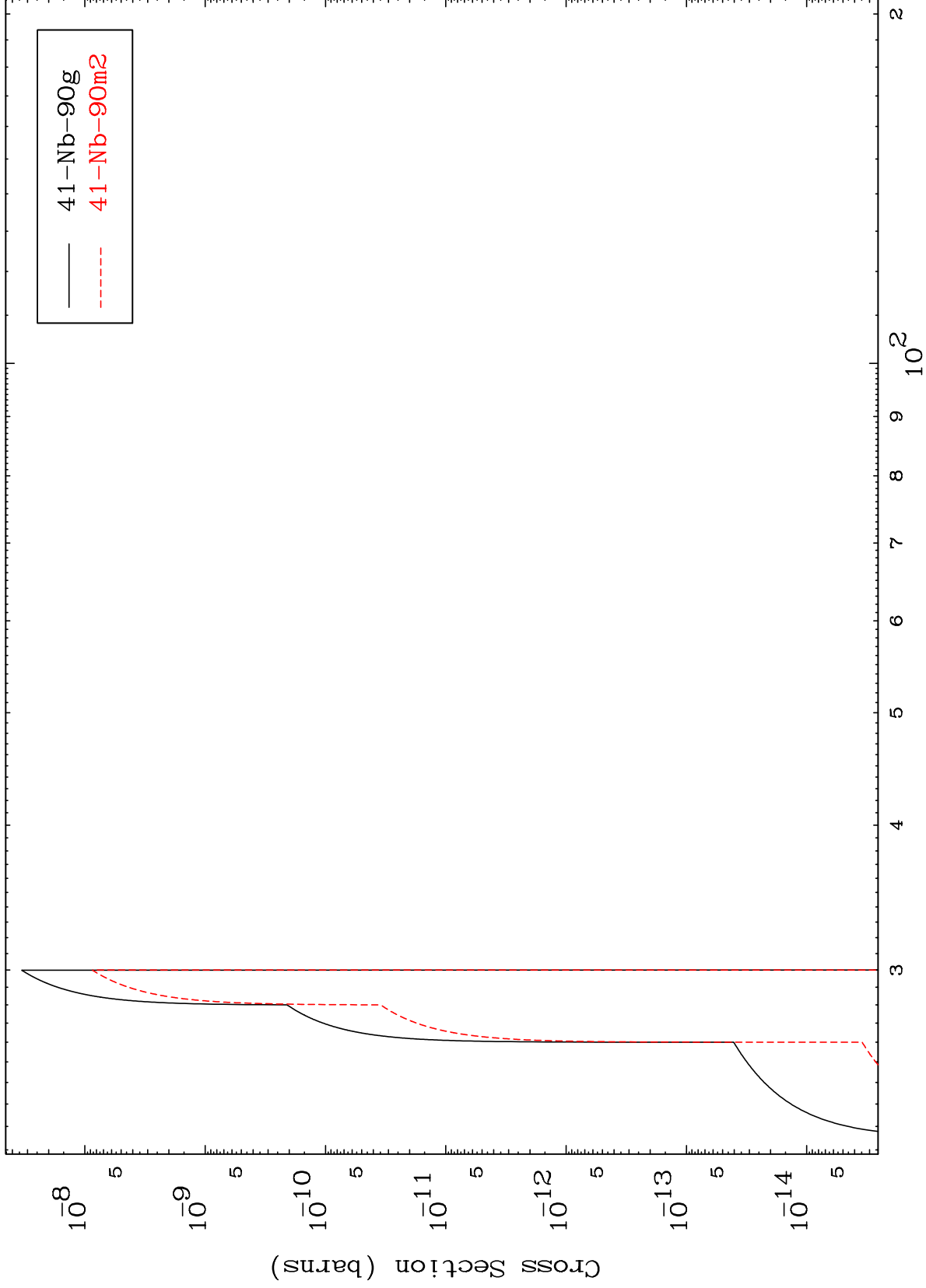
41-Nb-90

MAT 4116

(n,n') He-3

41-Nb-90

Radionuclide Production Cross Section



14

Incident Energy (MeV)

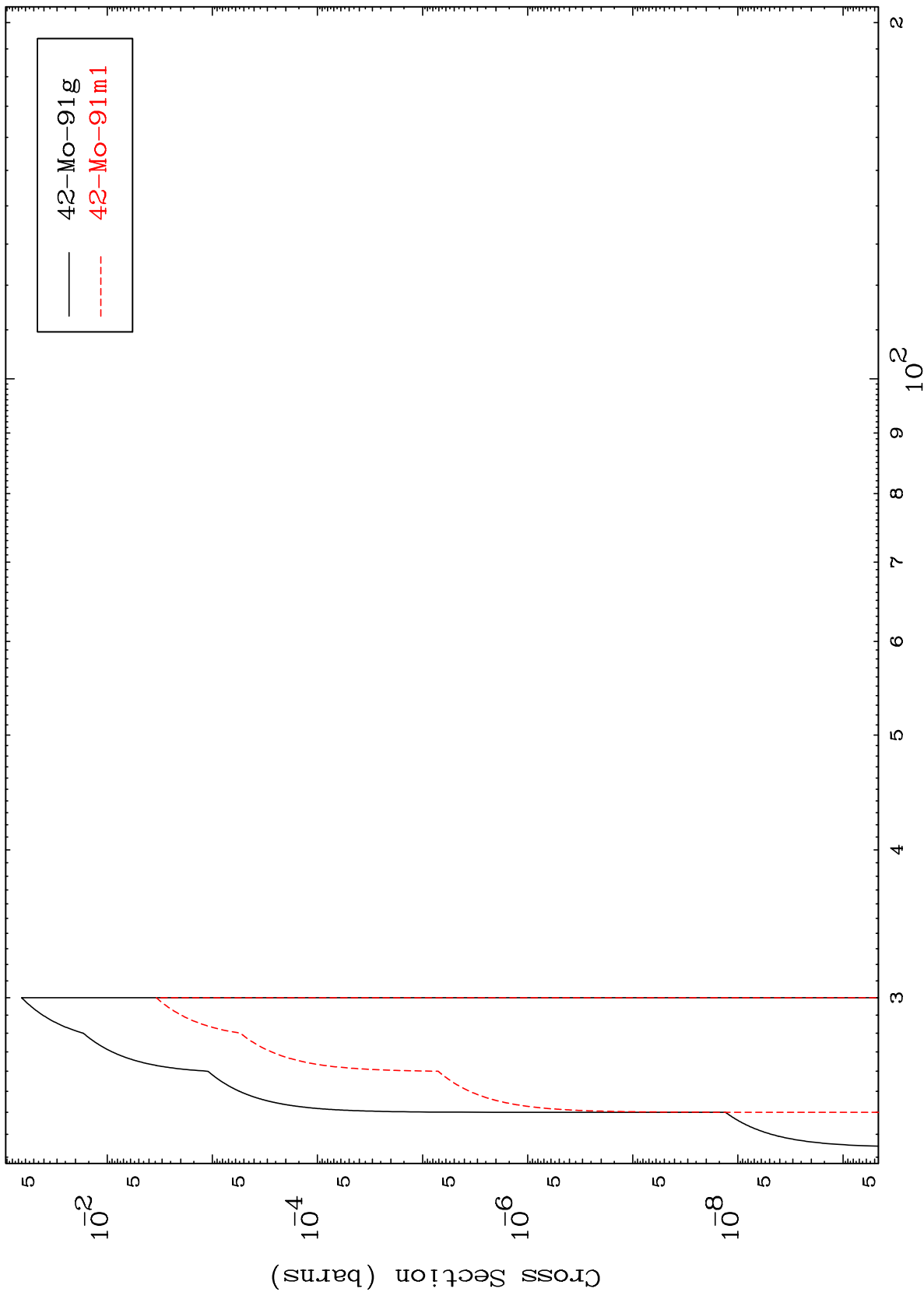
41-Nb-90

MAT 4116

(n,2n) p

41-Nb-90

Radionuclide Production Cross Section



15

Incident Energy (MeV)

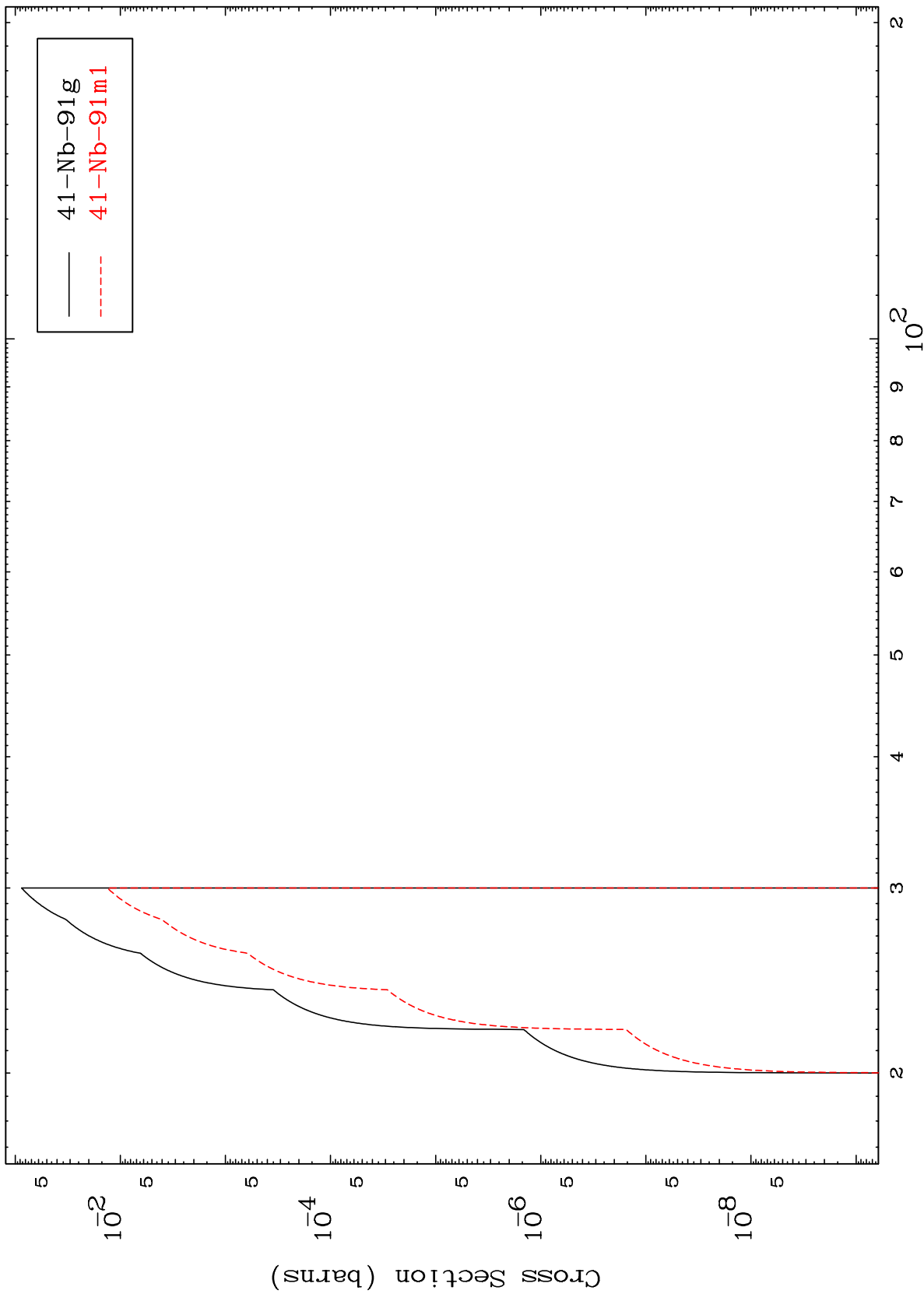
41-Nb-90

MAT 4116

(n,2n) p

41-Nb-90

Radionuclide Production Cross Section



16

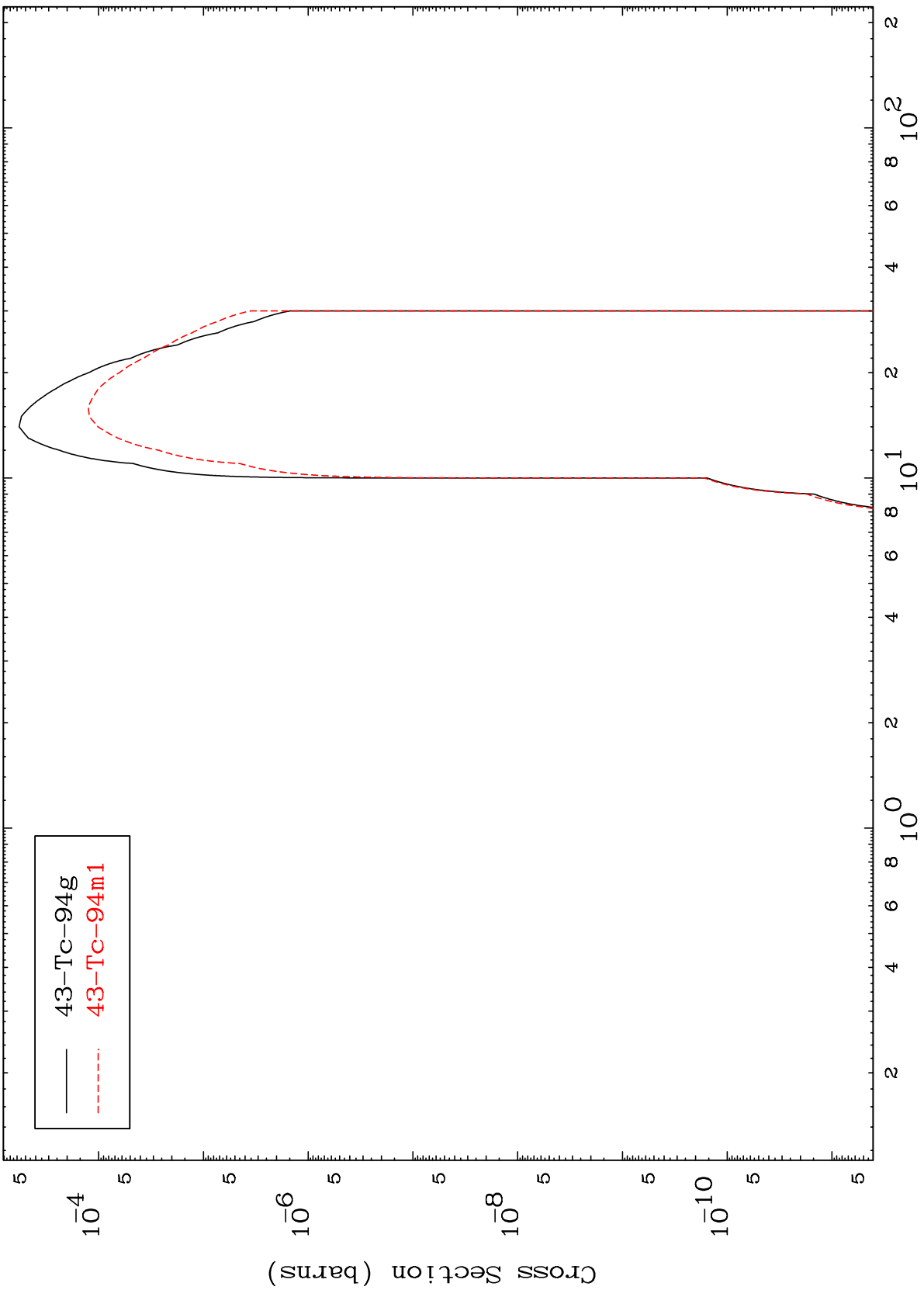
Incident Energy (MeV)

41-Nb-90

MAT 4116

41-Nb-90

(n, γ)
Radionuclide Production Cross Section

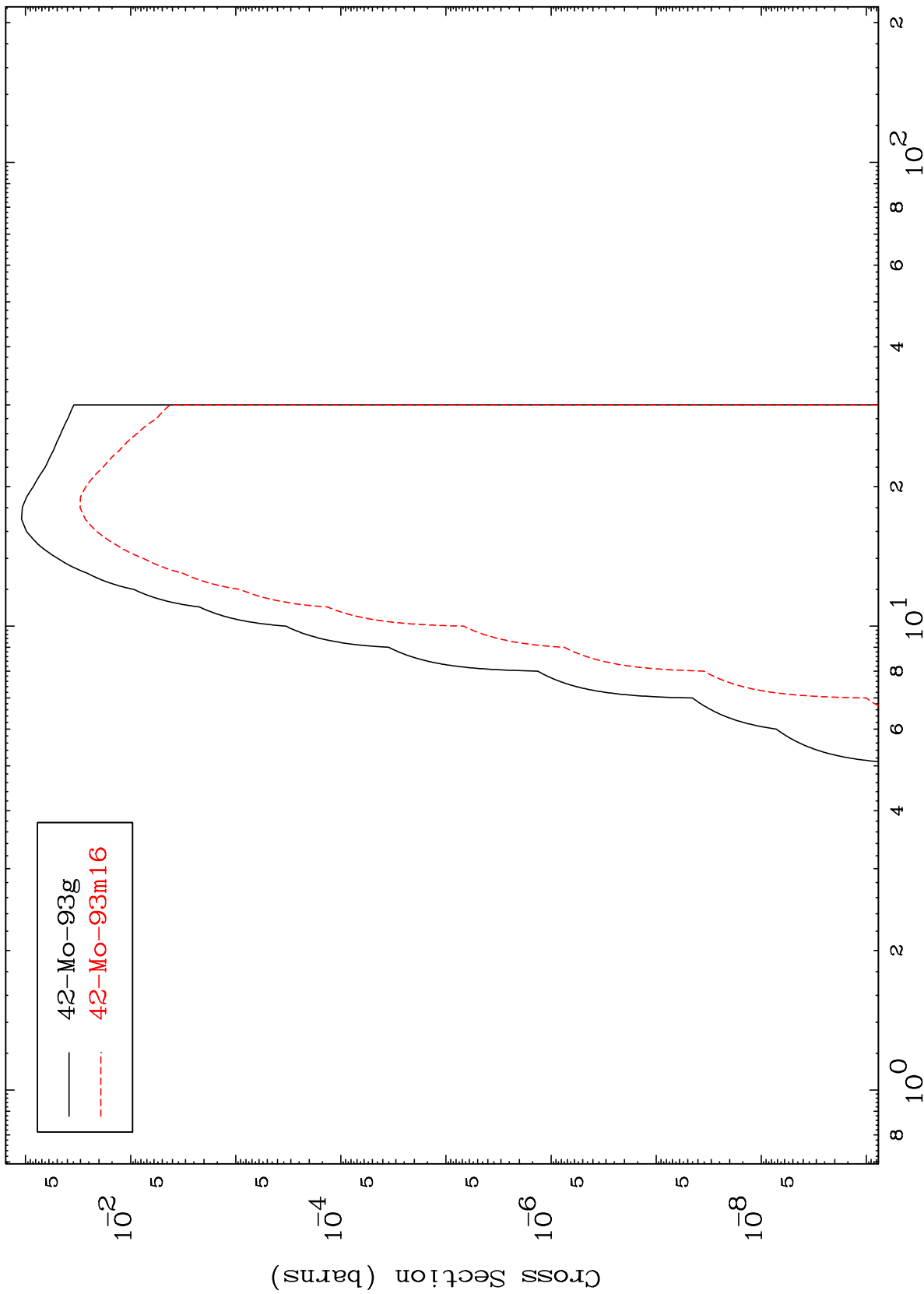


— 43-Tc-94g
- - - 43-Tc-94m1

MAT 4116

41-Nb-90

(n,p)
Radionuclide Production Cross Section



— 42-Mo-93g
- - - 42-Mo-93m16

18

Incident Energy (MeV)

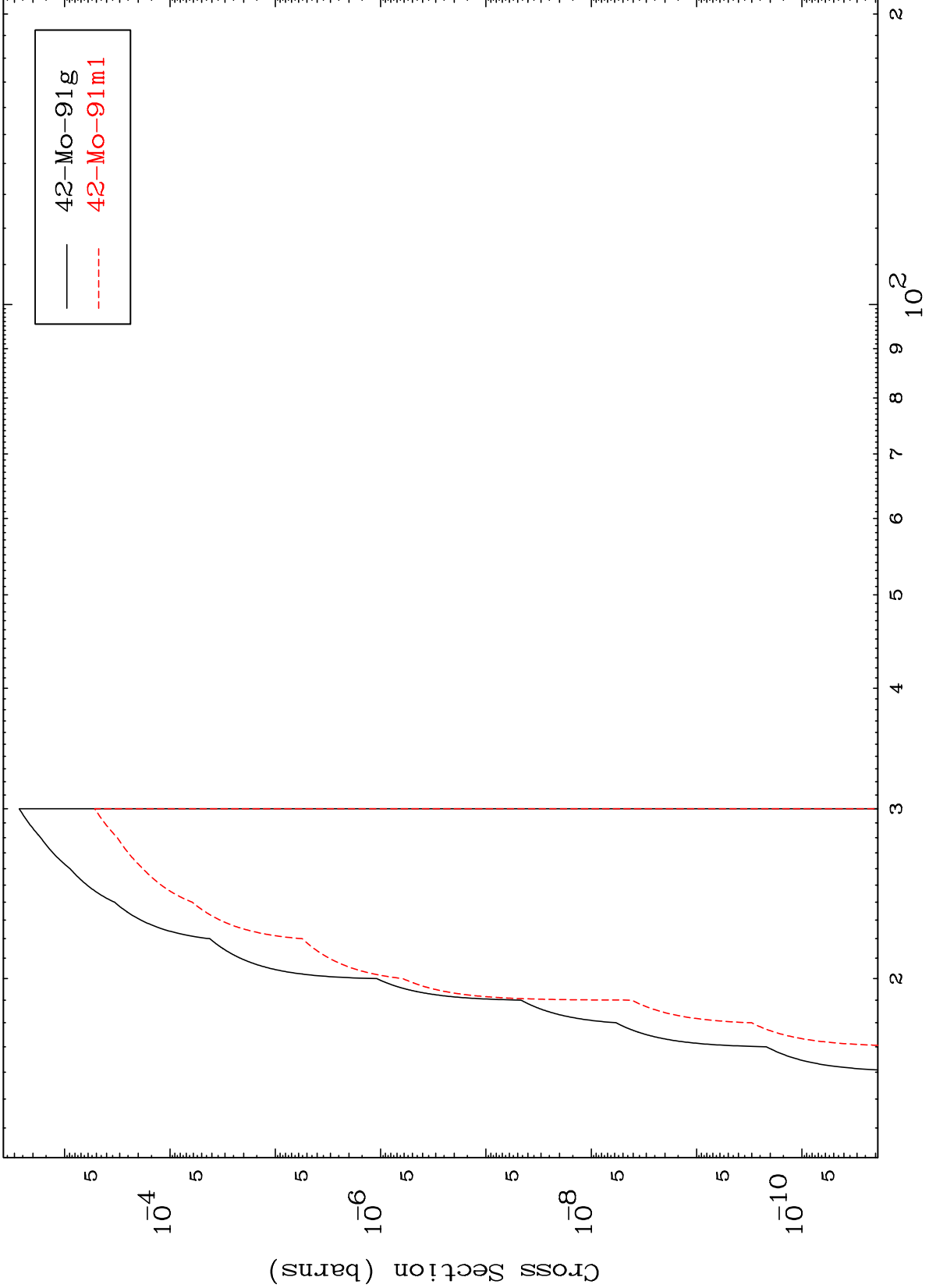
41-Nb-90

MAT 41116

(n, t)

41-Nb-90

Radionuclide Production Cross Section



19

Incident Energy (MeV)

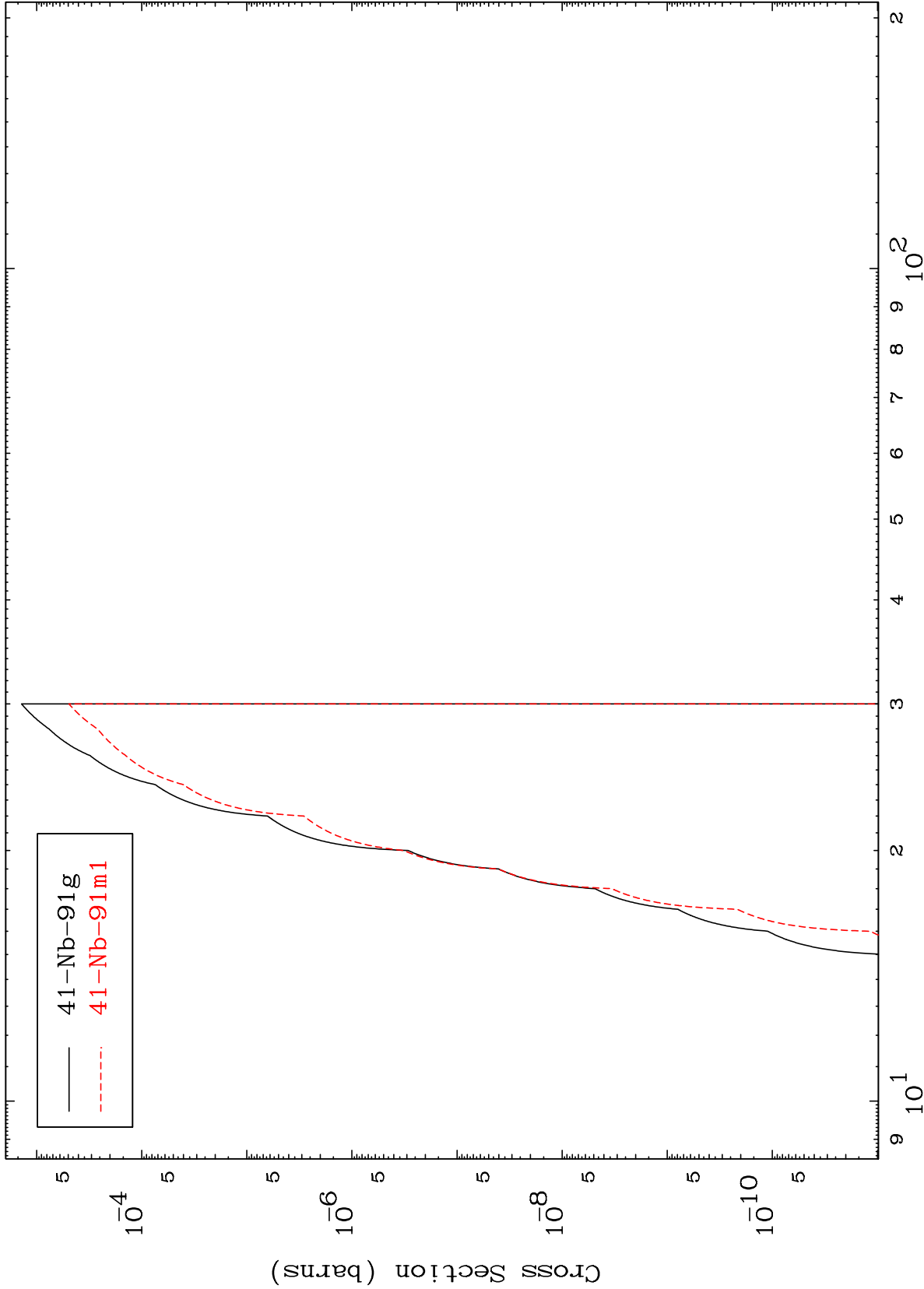
41-Nb-90

MAT 4116

(n,He-3)

41-Nb-90

Radionuclide Production Cross Section



Incident Energy (MeV)

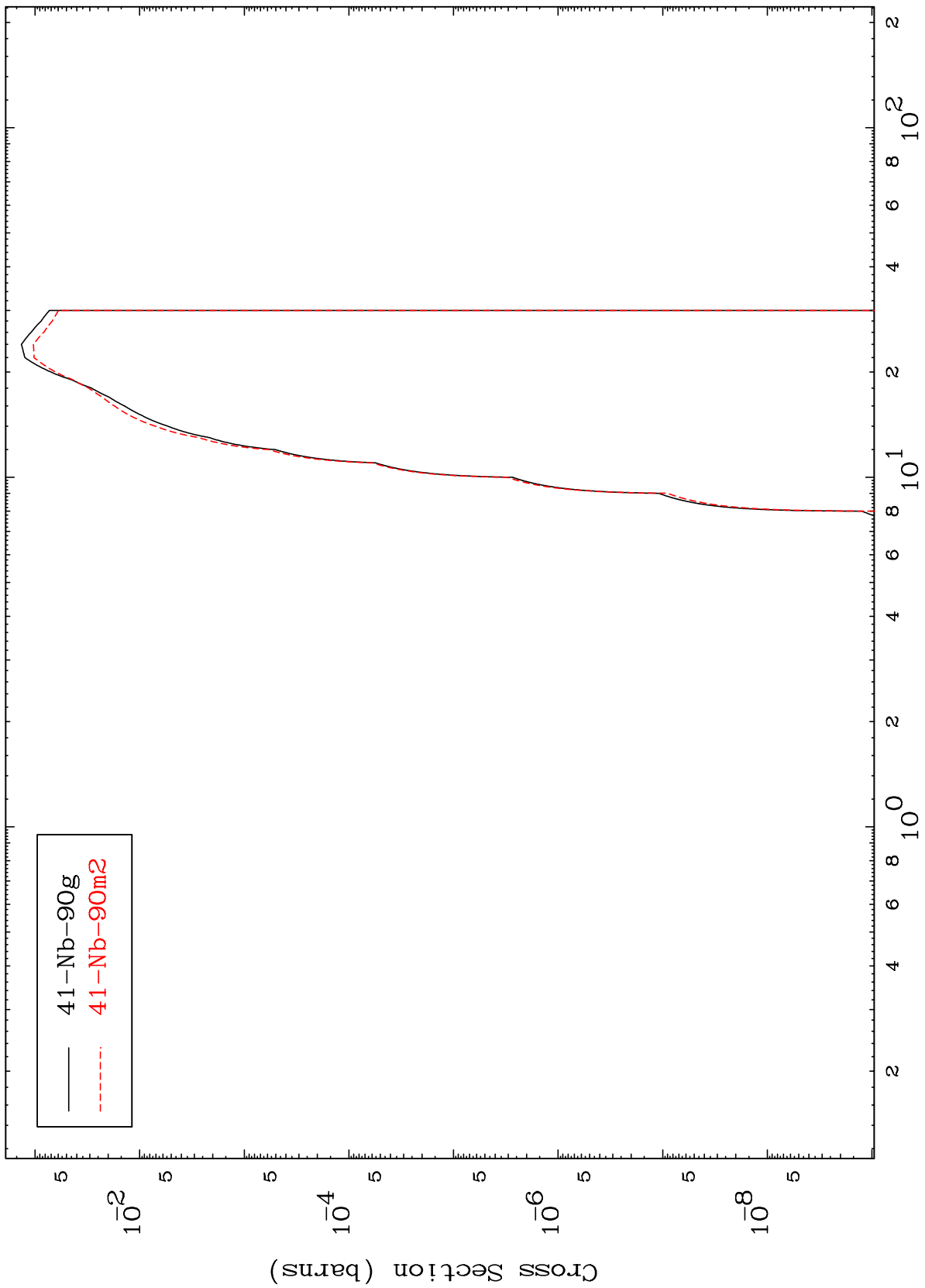
41-Nb-90

20

MAT 4116

41-Nb-90

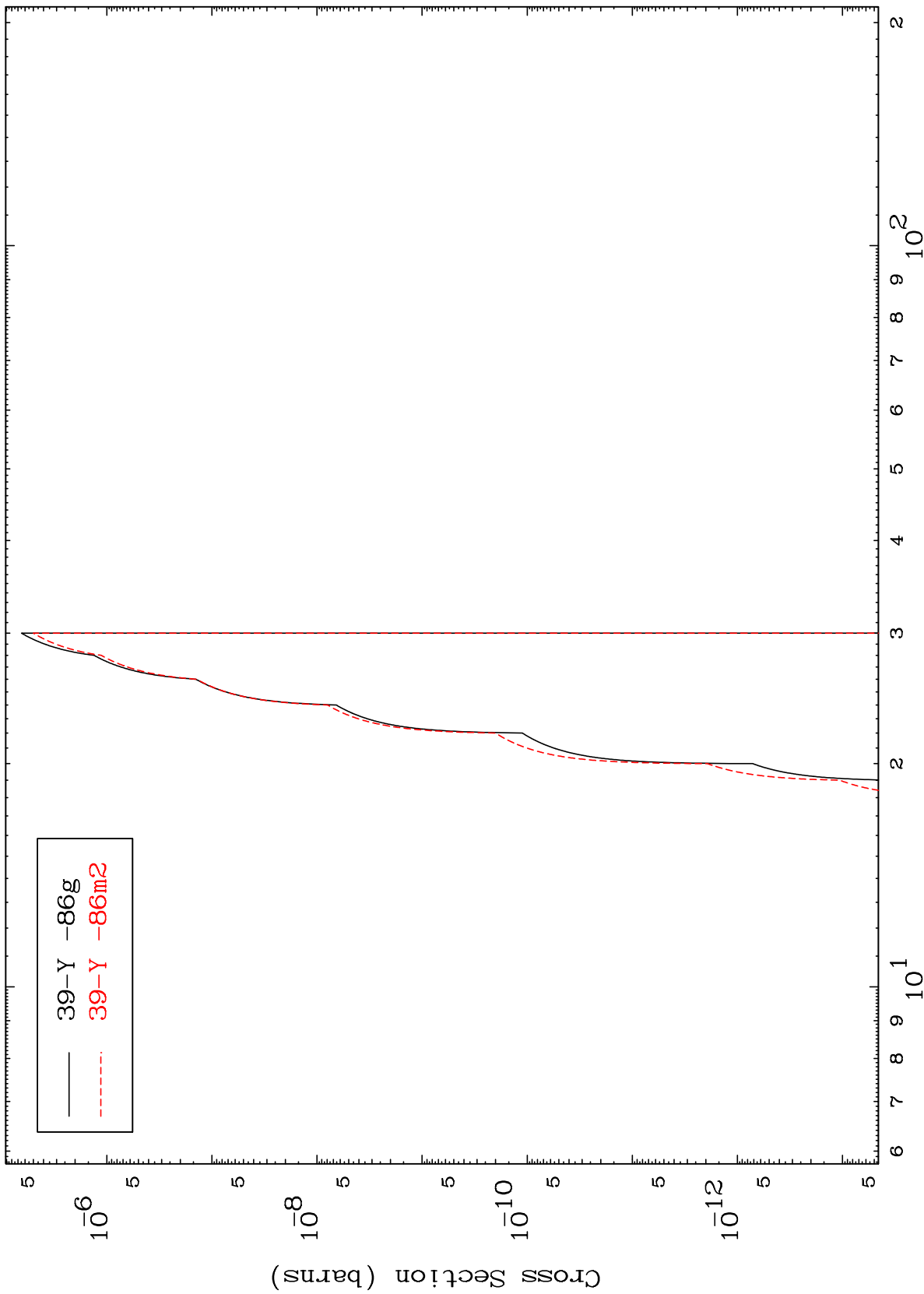
(n, α)
Radionuclide Production Cross Section



MAT 4116

41-Nb-90

(n,2α)
Radionuclide Production Cross Section



— 39-Y -86g
- - - 39-Y -86m2

41-Nb-90

Incident Energy (MeV)

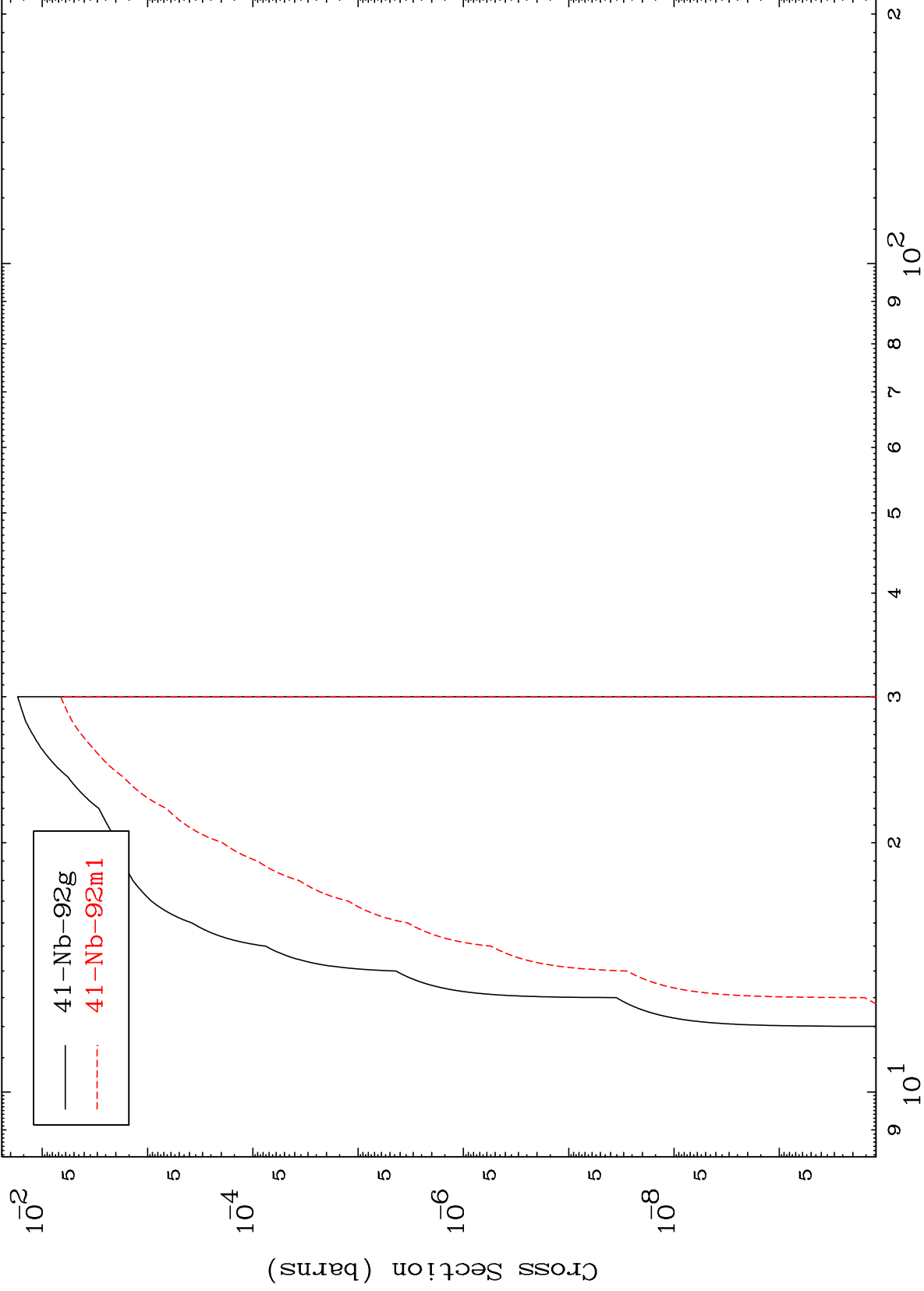
22

MAT 4116

(n,2p)

41-Nb-90

Radionuclide Production Cross Section



23

Incident Energy (MeV)

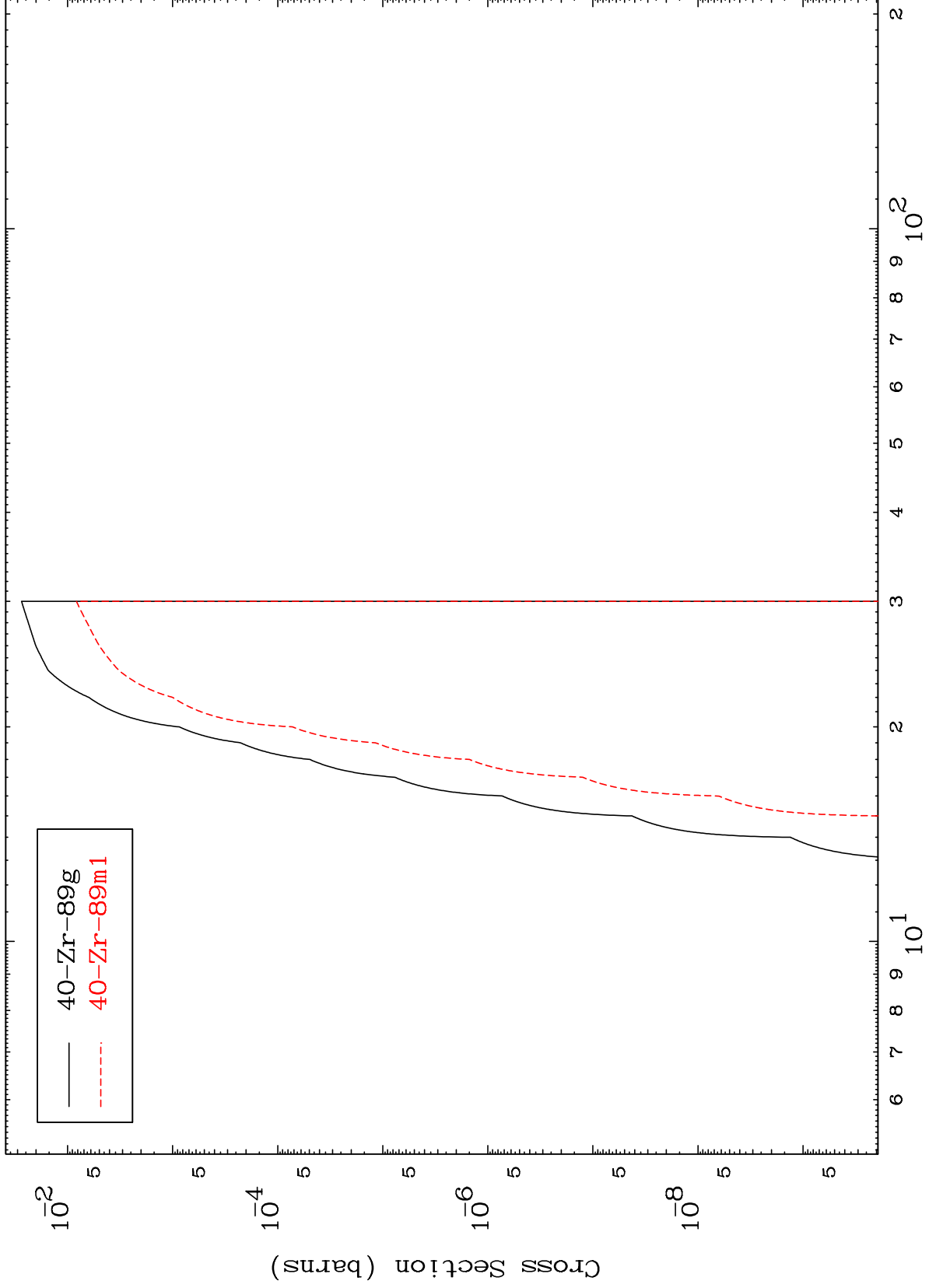
41-Nb-90

MAT 4116

(n,p) α

41-Nb-90

Radionuclide Production Cross Section



— 40-Zr-89g
- - - 40-Zr-89m1

24

Incident Energy (MeV)

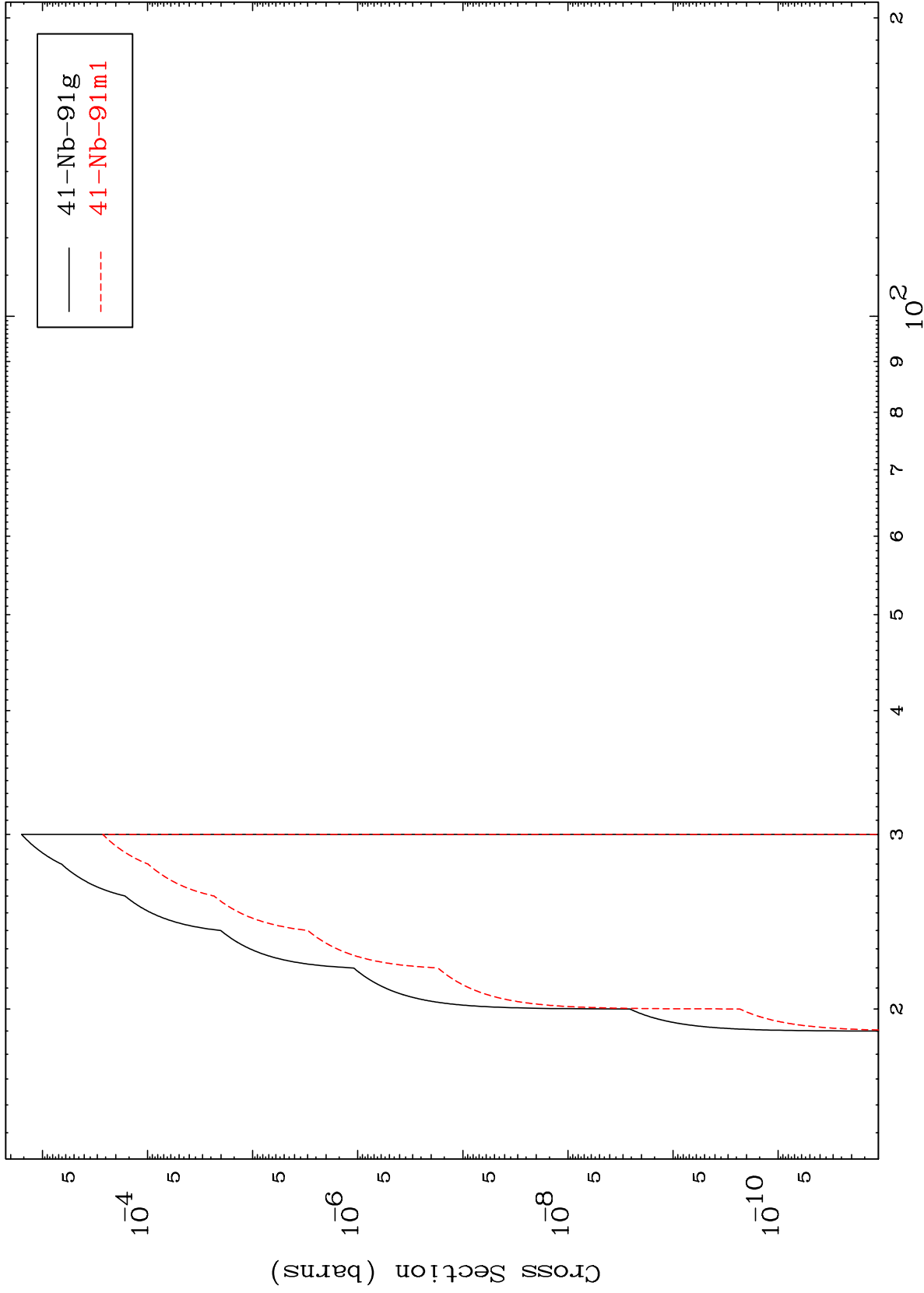
41-Nb-90

MAT 4116

(n,p) d

41-Nb-90

Radionuclide Production Cross Section



25

Incident Energy (MeV)

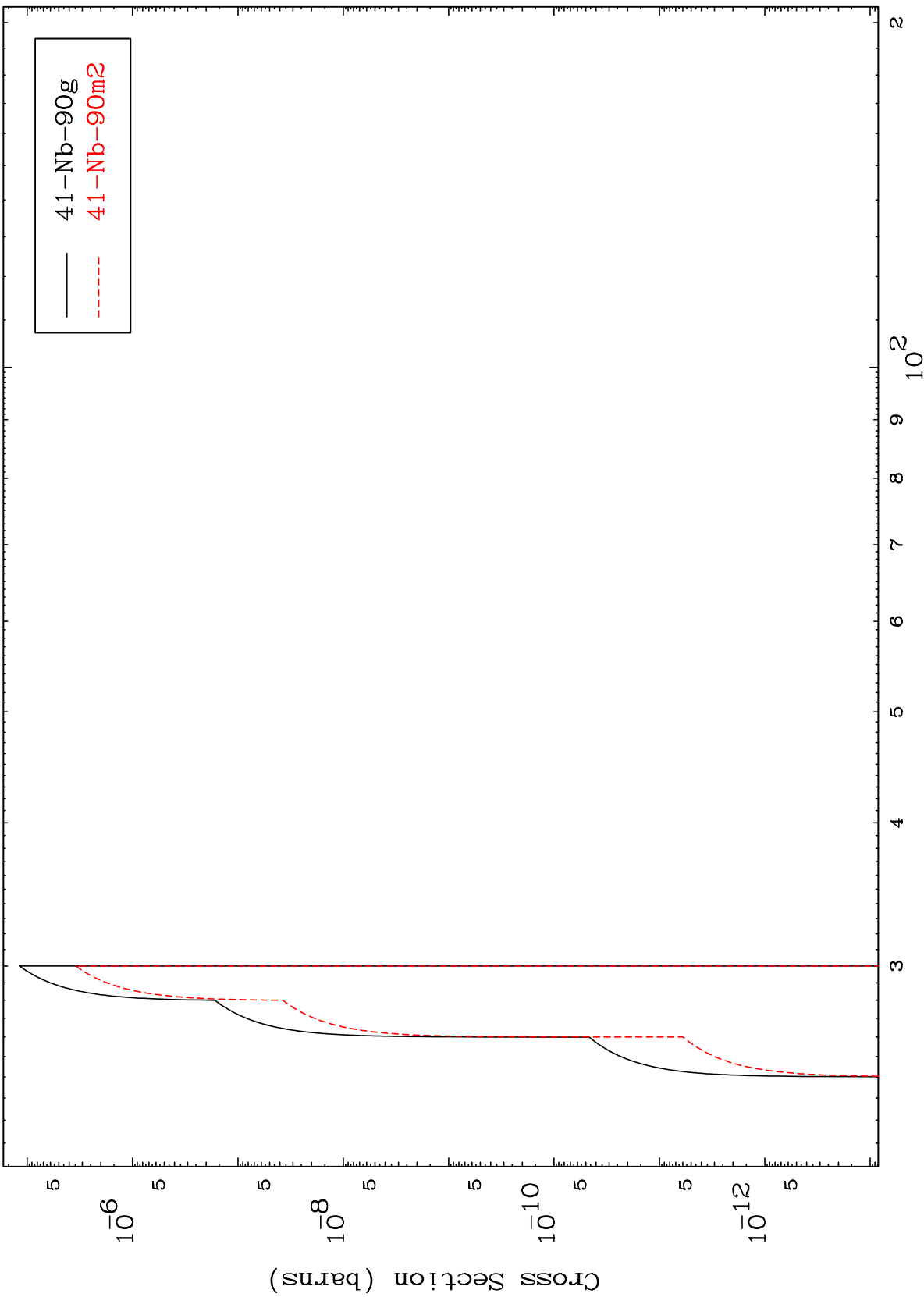
41-Nb-90

MAT 41116

(n,p) t

41-Nb-90

Radionuclide Production Cross Section



26

Incident Energy (MeV)

41-Nb-90