

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

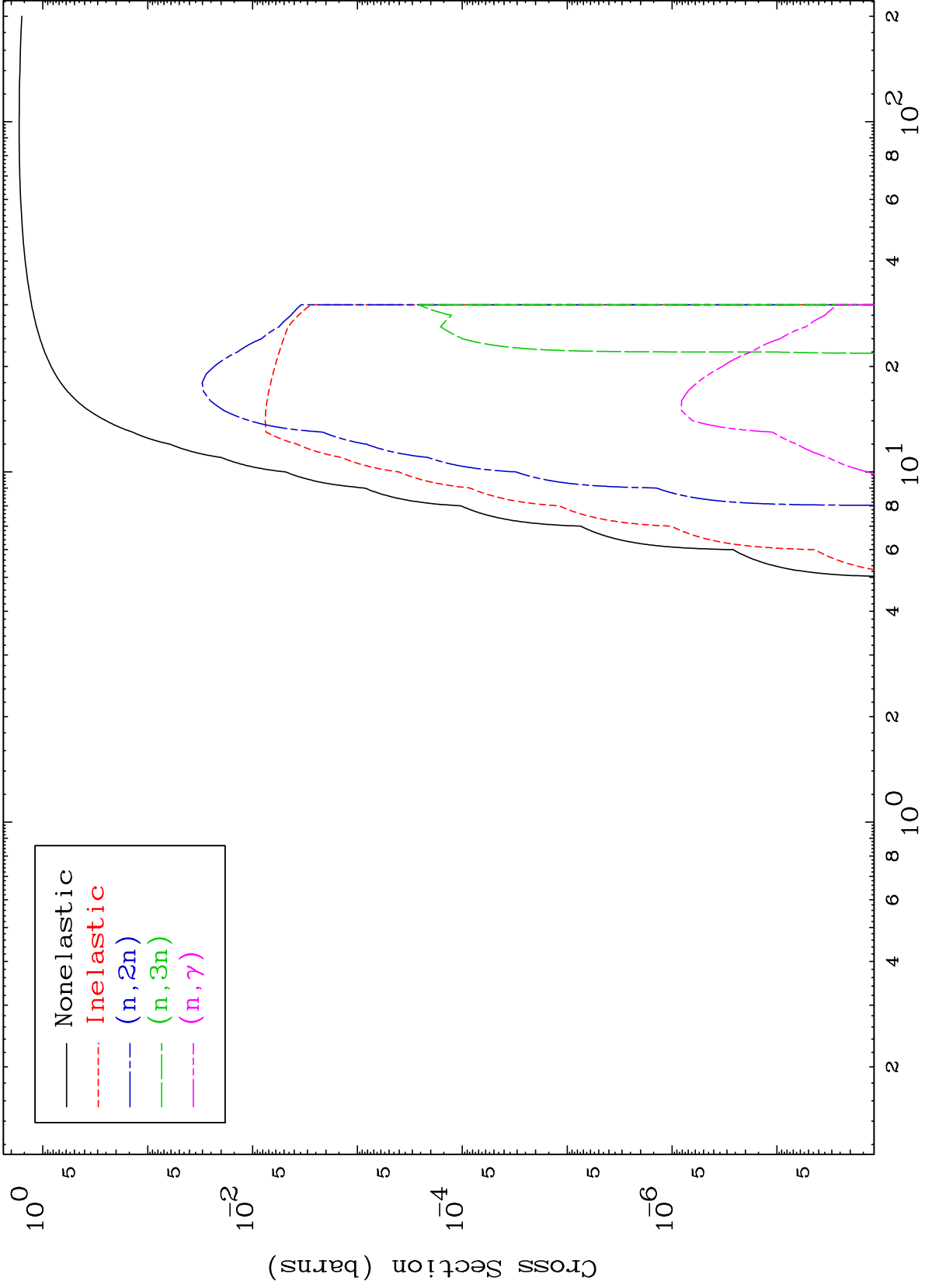
Press Mouse Button to Start

MAT 4117

He-3 Major

41-Nb-90m

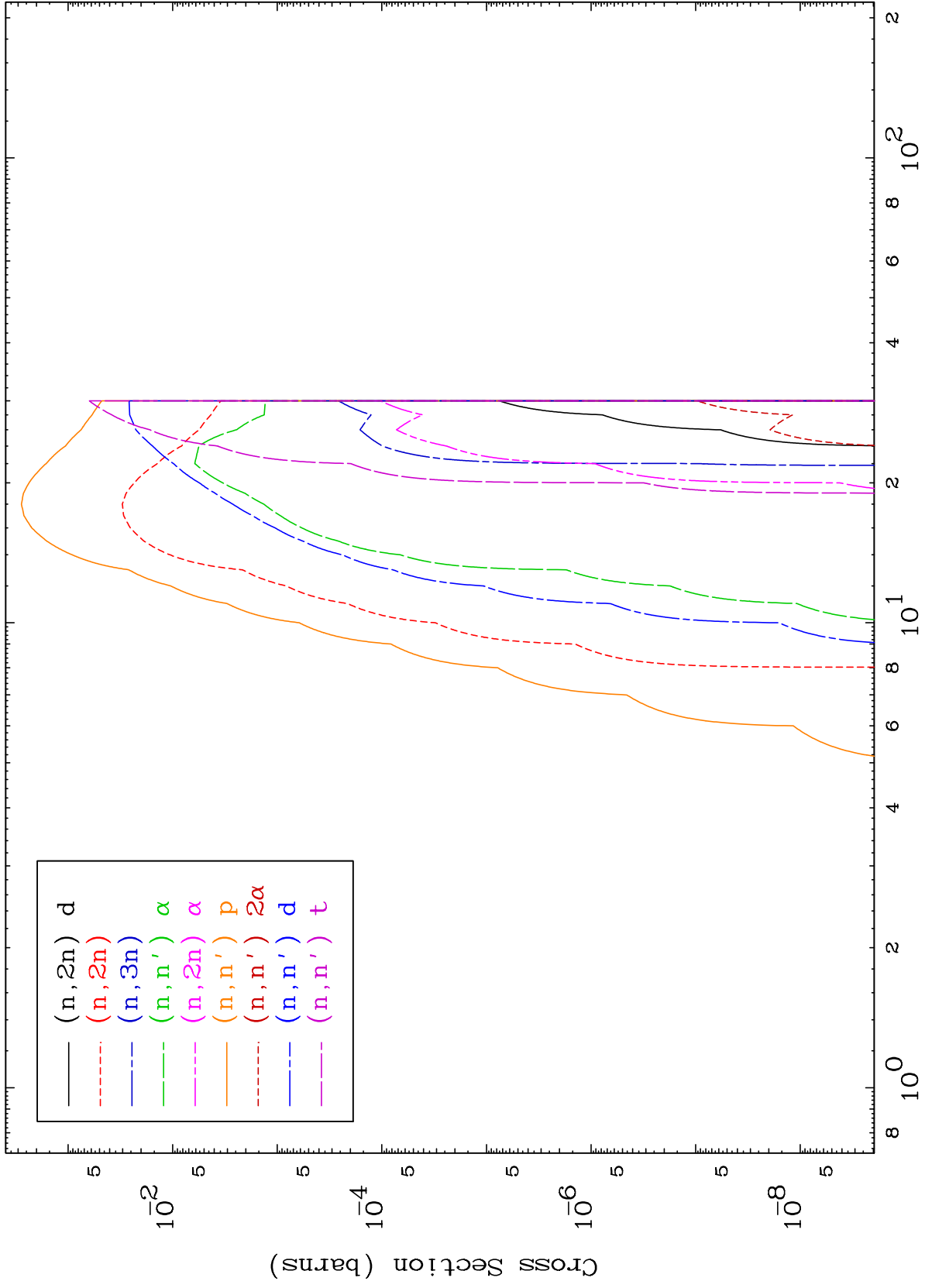
0 Kelvin Cross Sections



MAT 4117

He-3 Neutron Absorption
0 Kelvin Cross Sections

41-Nb-90m



41-Nb-90m

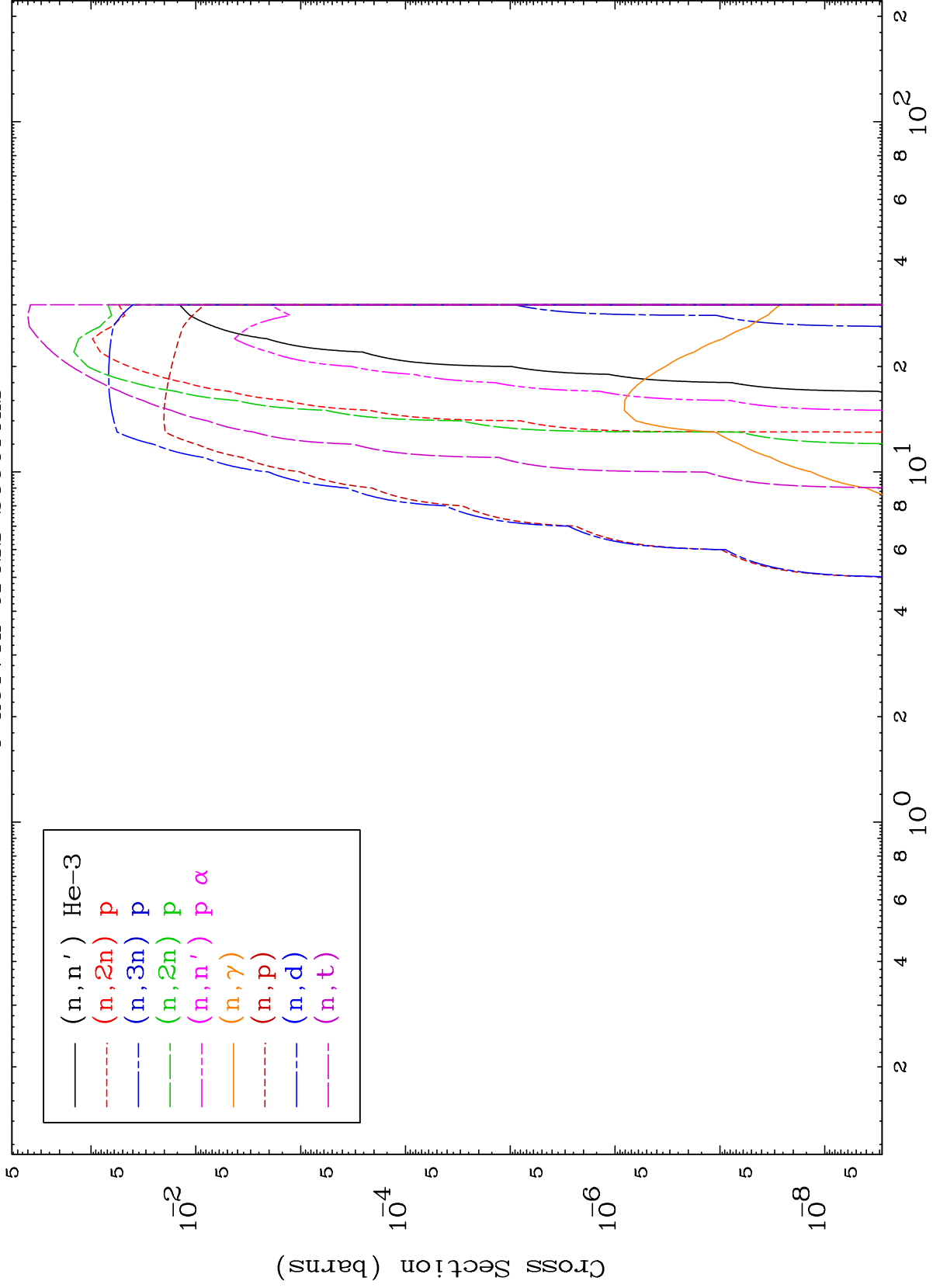
Incident Energy (MeV)

2

MAT 4117

He-3 Neutron Absorption
0 Kelvin Cross Sections

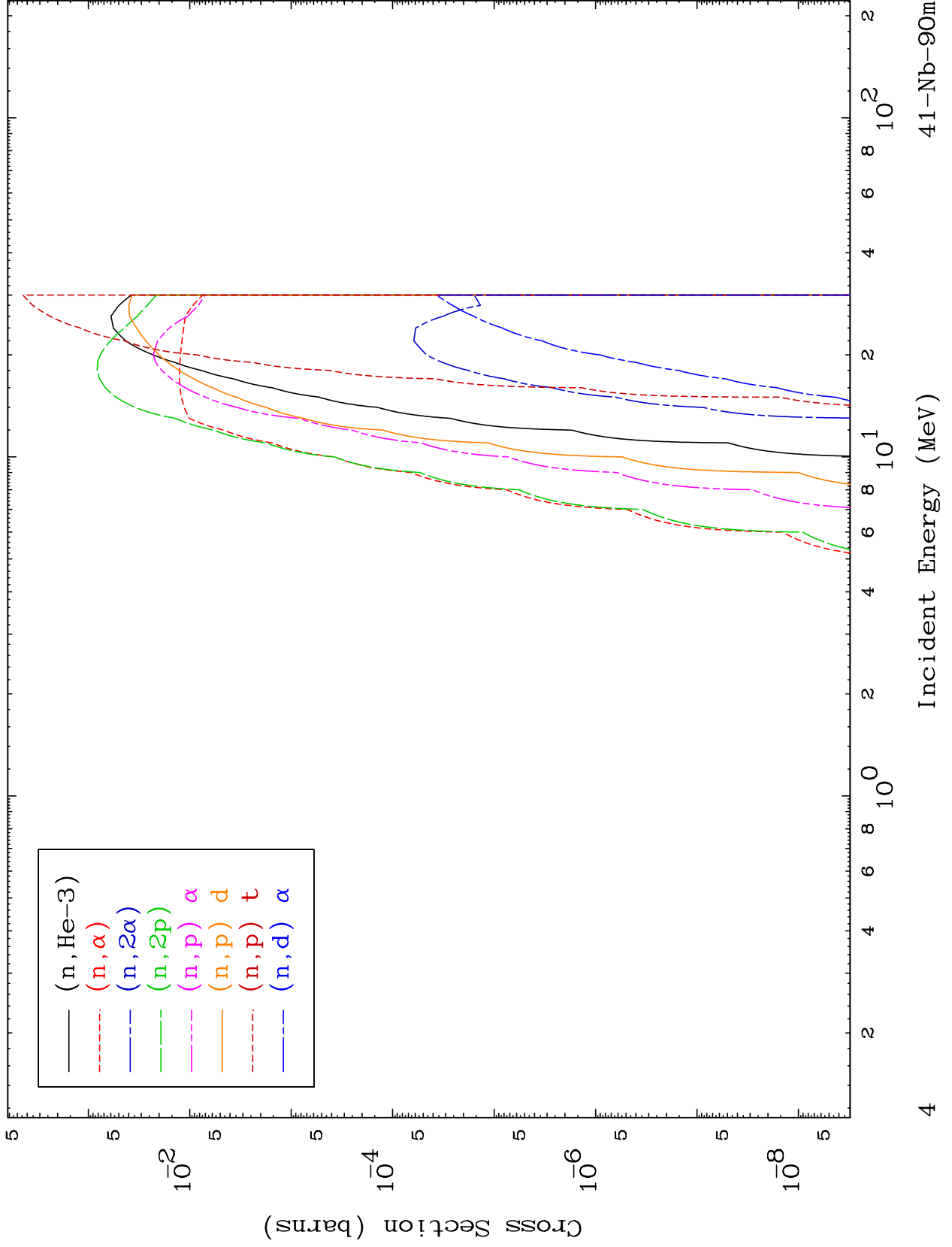
41-Nb-90m



MAT 4117

He-3 Neutron Absorption
0 Kelvin Cross Sections

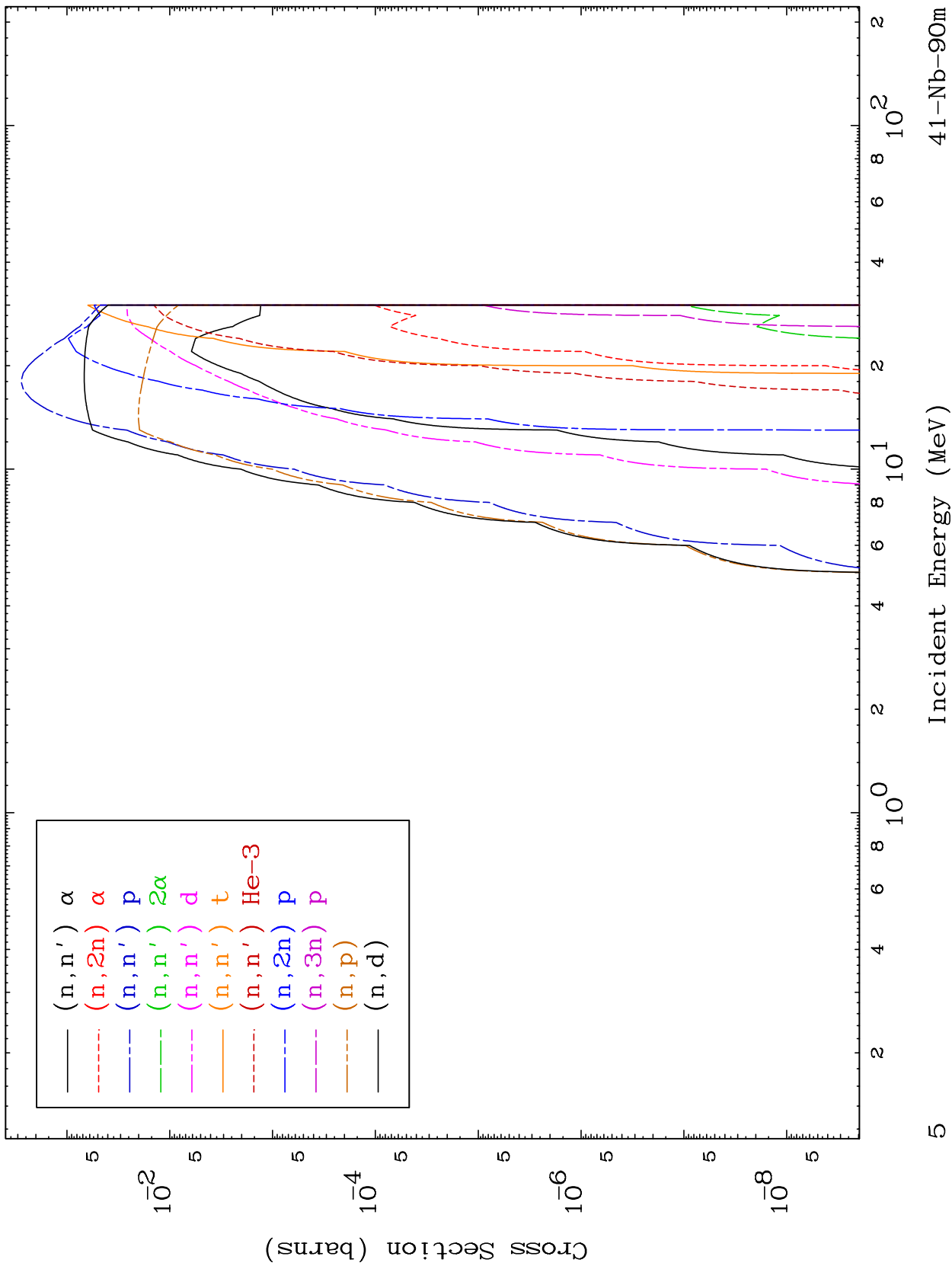
41-Nb-90m



MAT 4117

He-3 Charged Particle
0 Kelvin Cross Sections

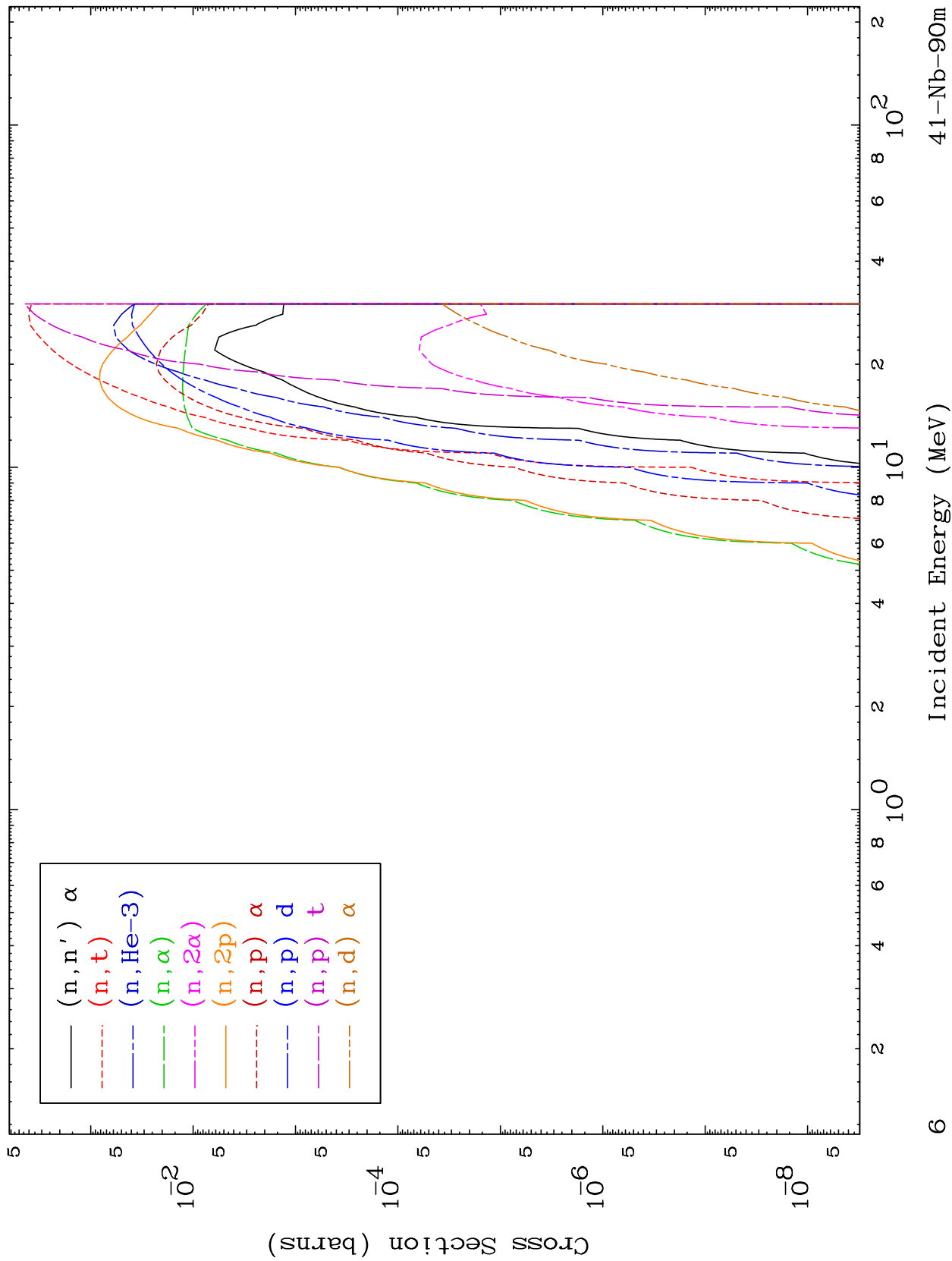
41-Nb-90m



MAT 4117

He-3 Charged Particle
0 Kelvin Cross Sections

41-Nb-90m

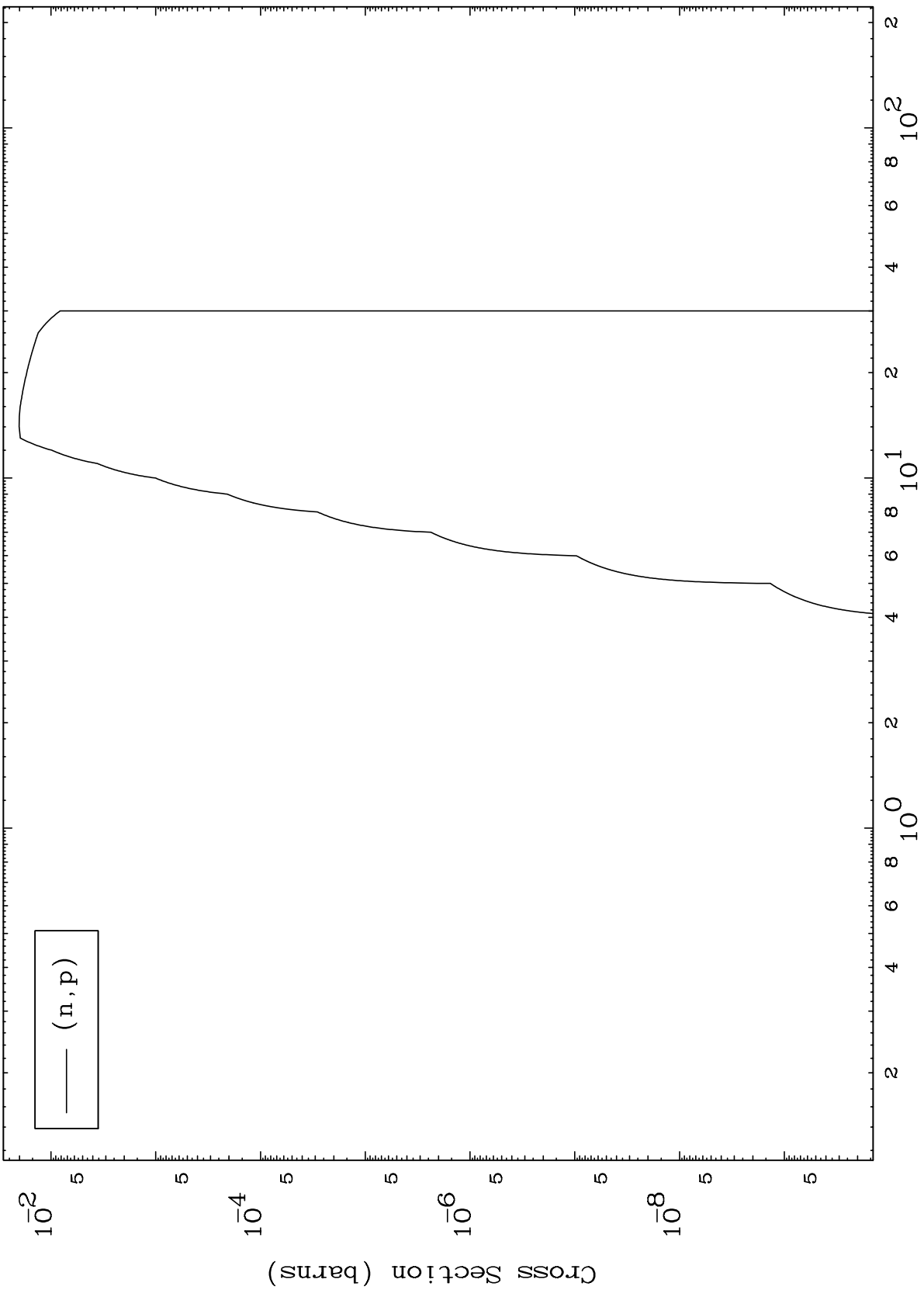


MAT 4117

(He-3,p) Levels

41-Nb-90m

0 Kelvin Cross Sections



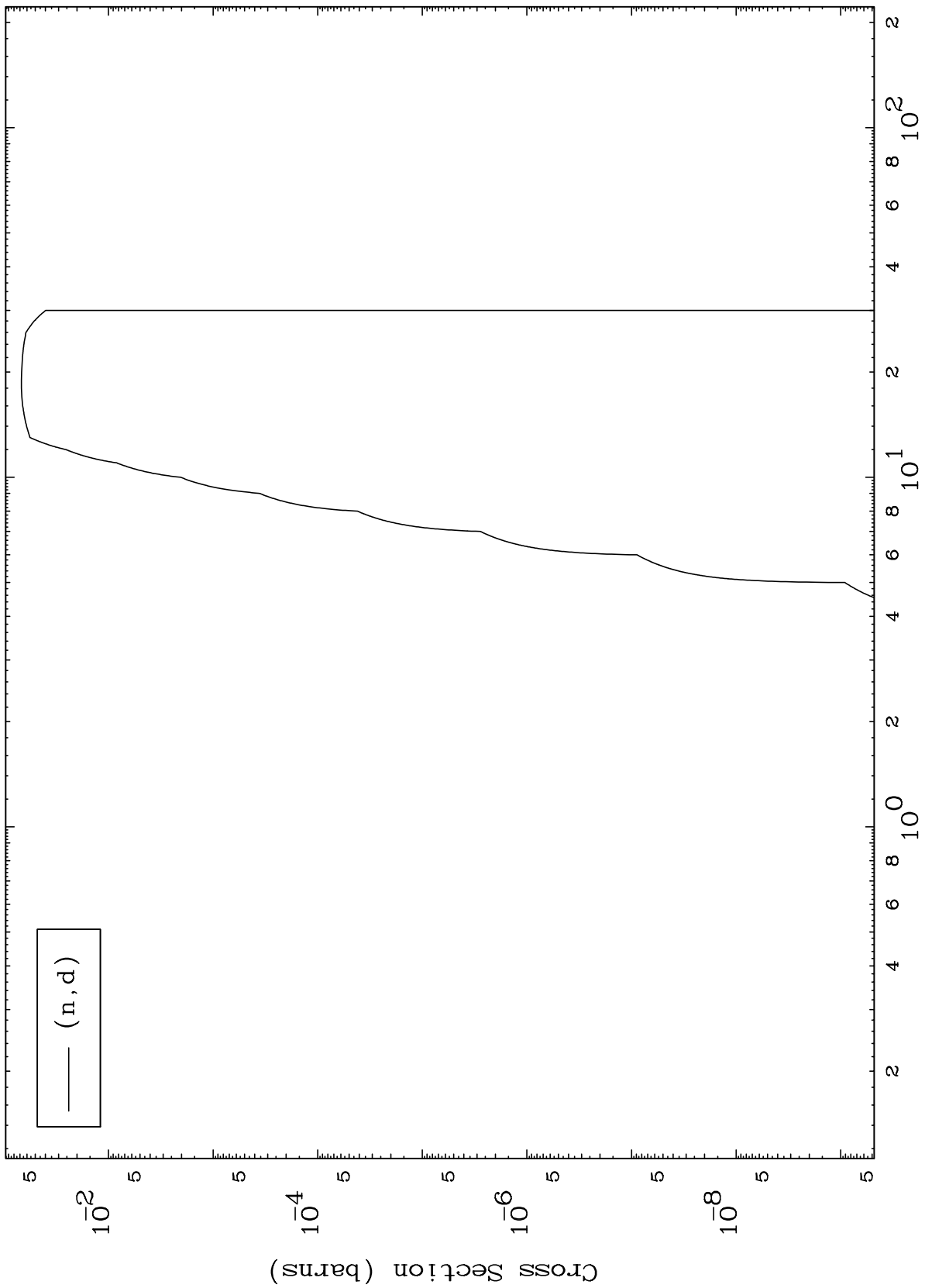
(n,p)

MAT 4117

(He-3,d) Levels

41-Nb-90m

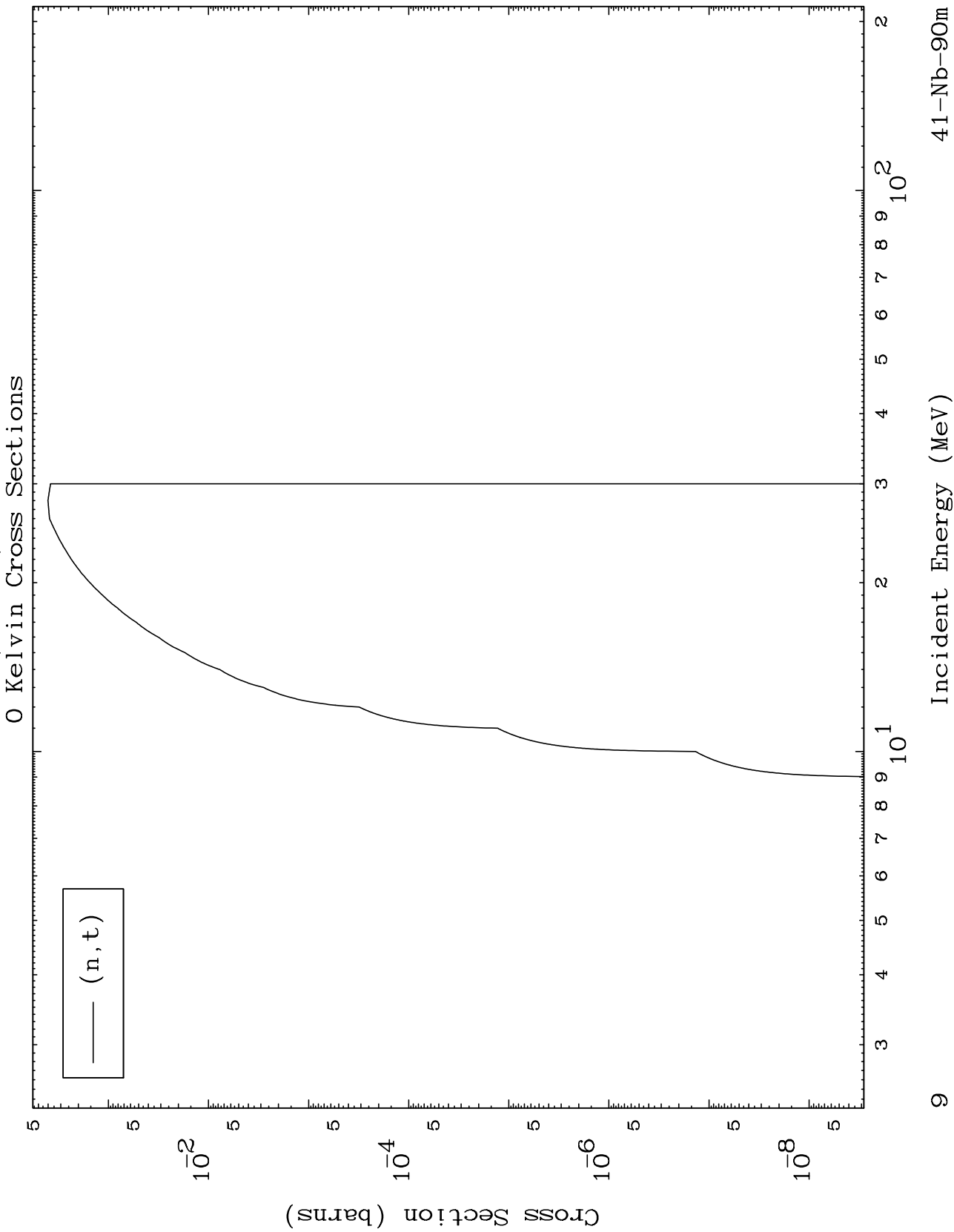
0 Kelvin Cross Sections



MAT 4117

(He-3,t) Levels

41-Nb-90m

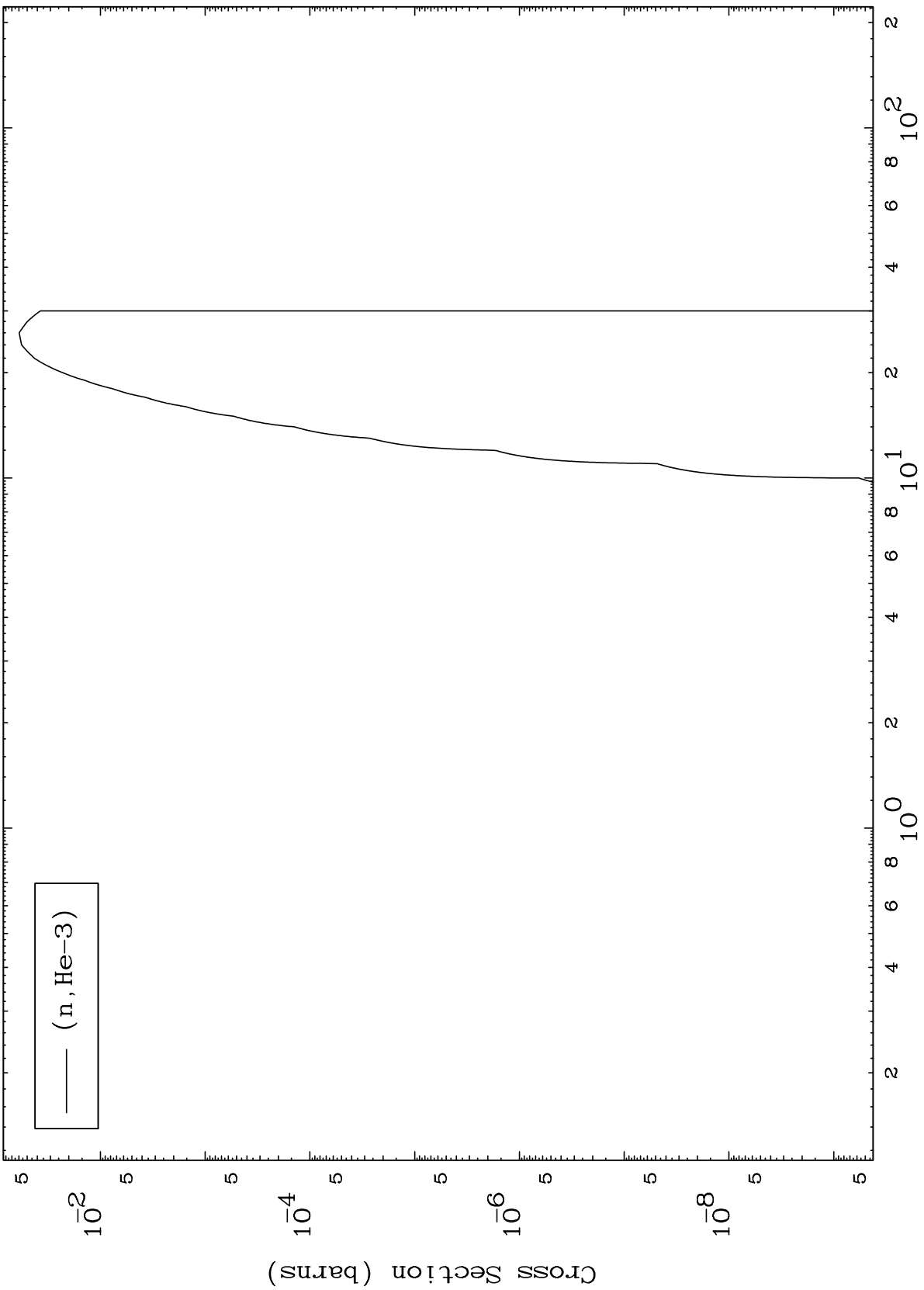


MAT 4117

(He-3, He3) Levels

41-Nb-90m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

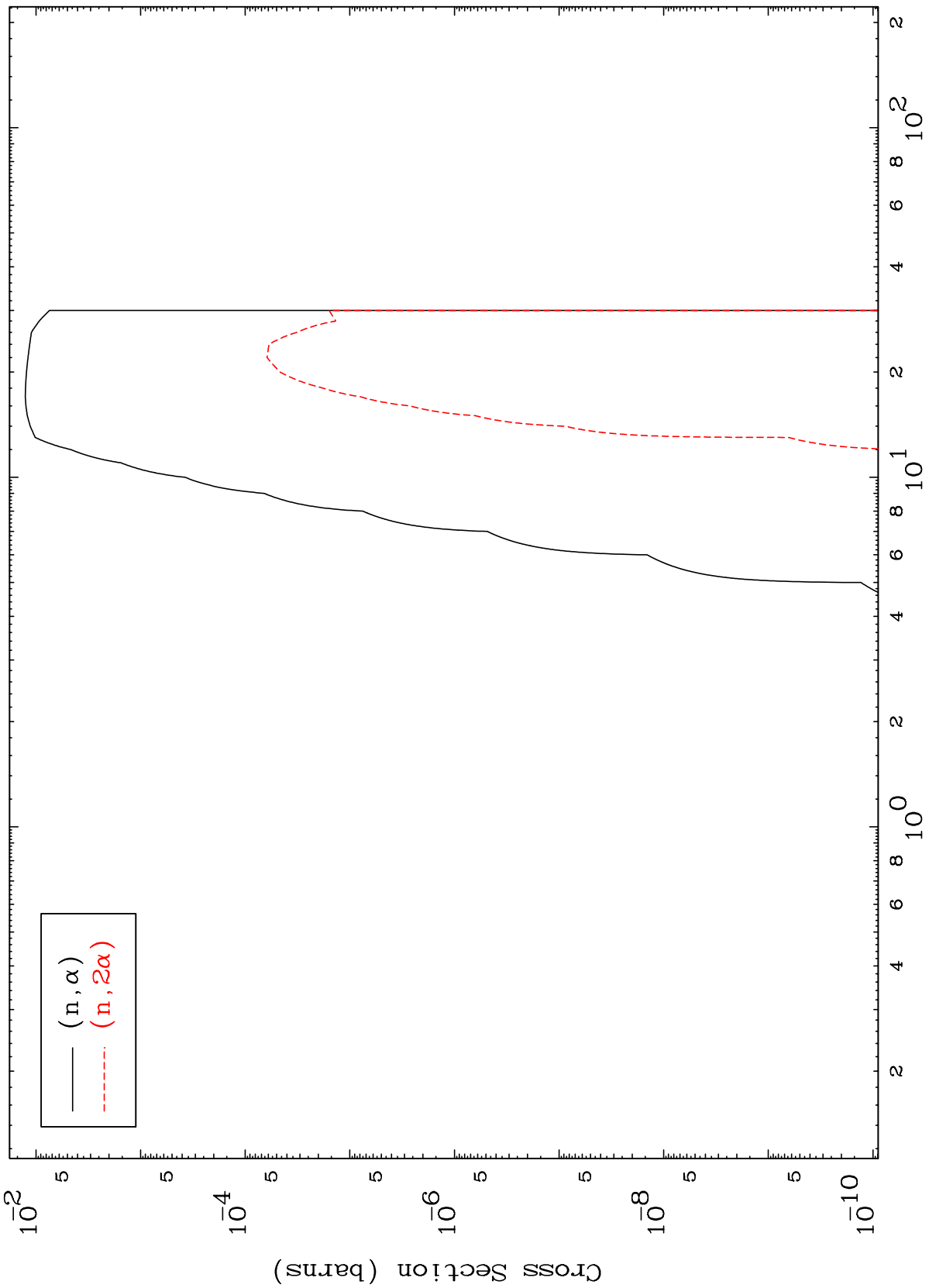
41-Nb-90m

MAT 4117

(He-3, α) Levels

41-Nb-90m

0 Kelvin Cross Sections

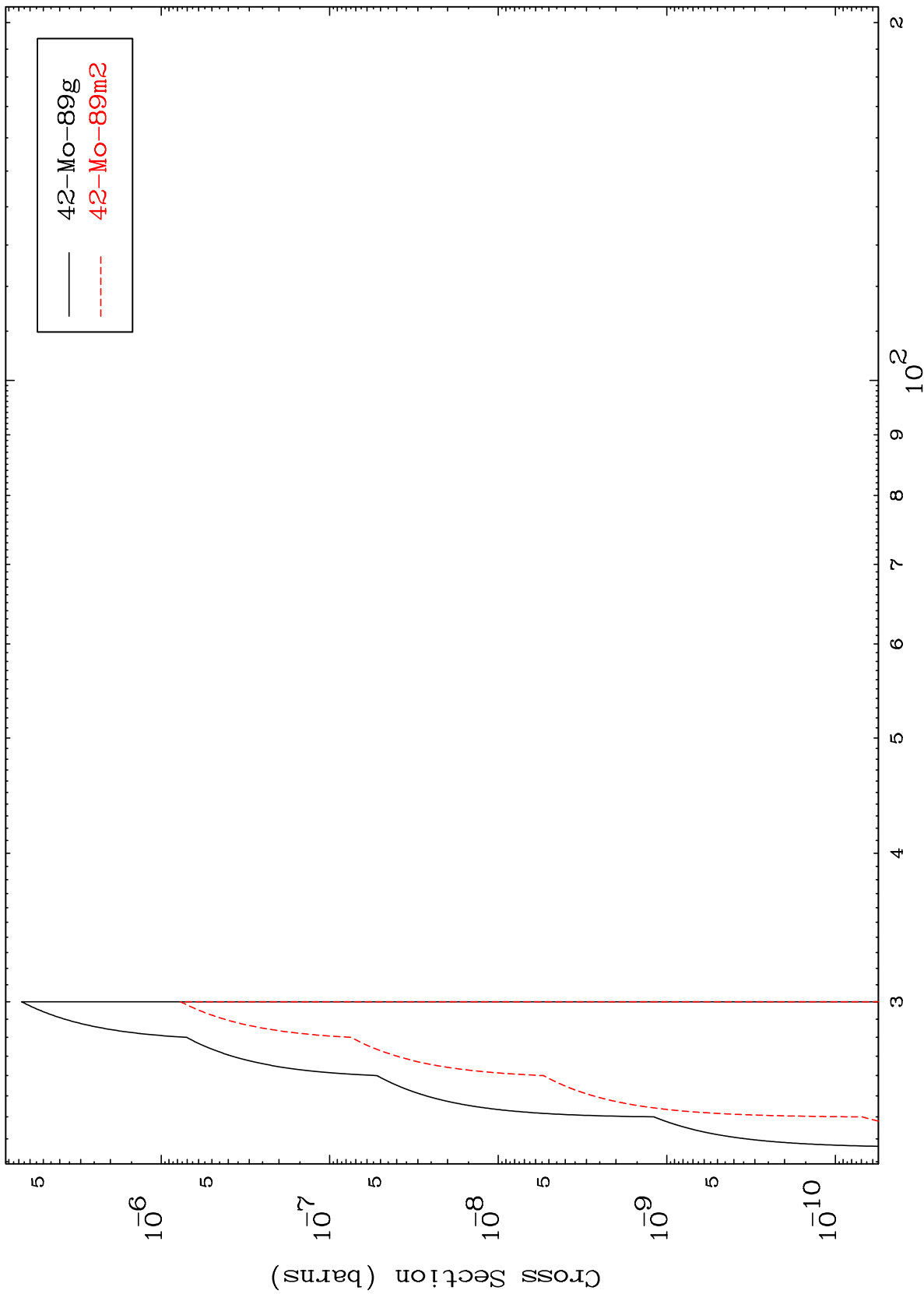


MAT 4117

(n,2n) d

41-Nb-90m

Radionuclide Production Cross Section



12

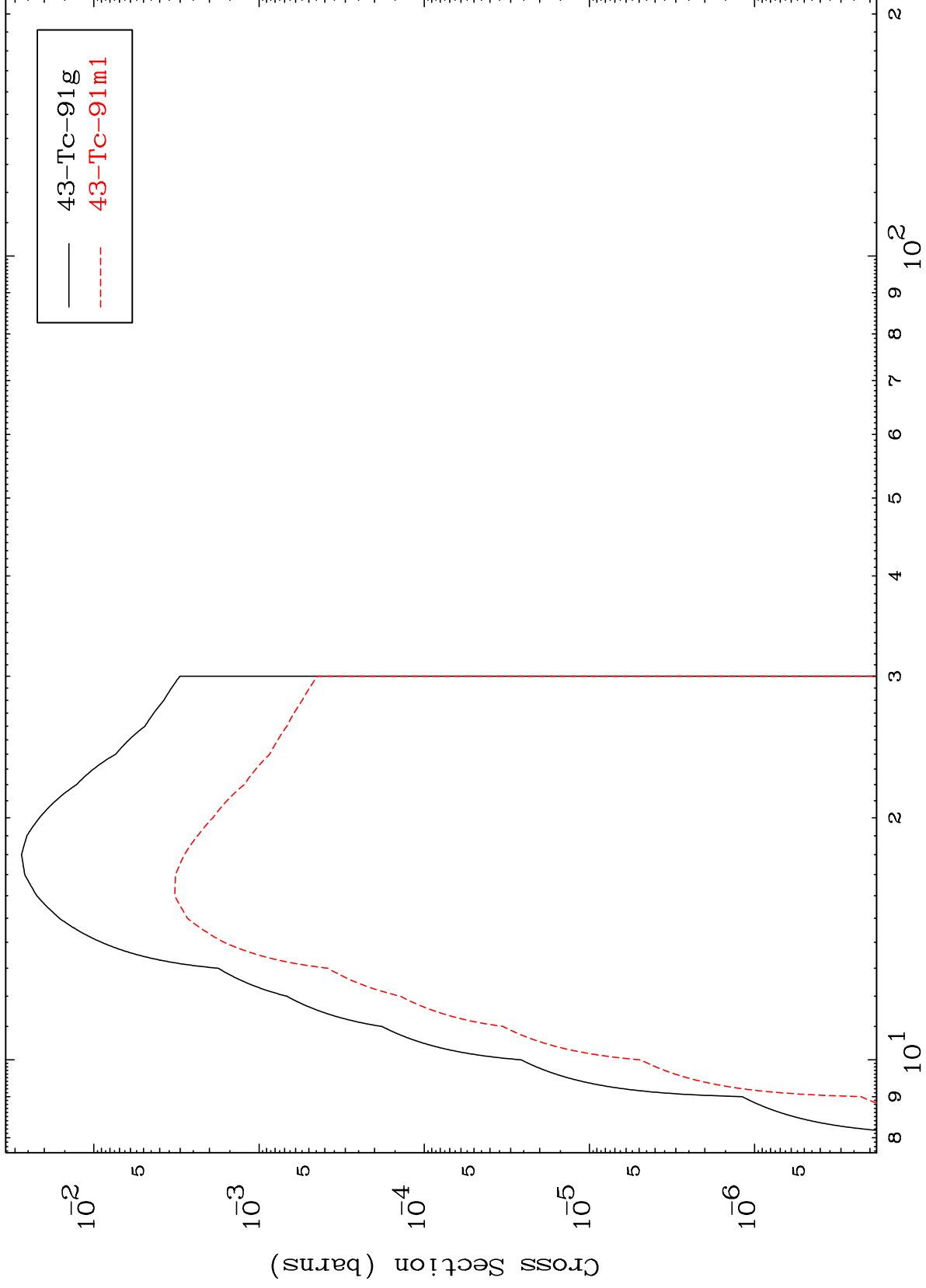
Incident Energy (MeV)

41-Nb-90m

MAT 4117

41-Nb-90m

(n,2n)
Radionuclide Production Cross Section



13

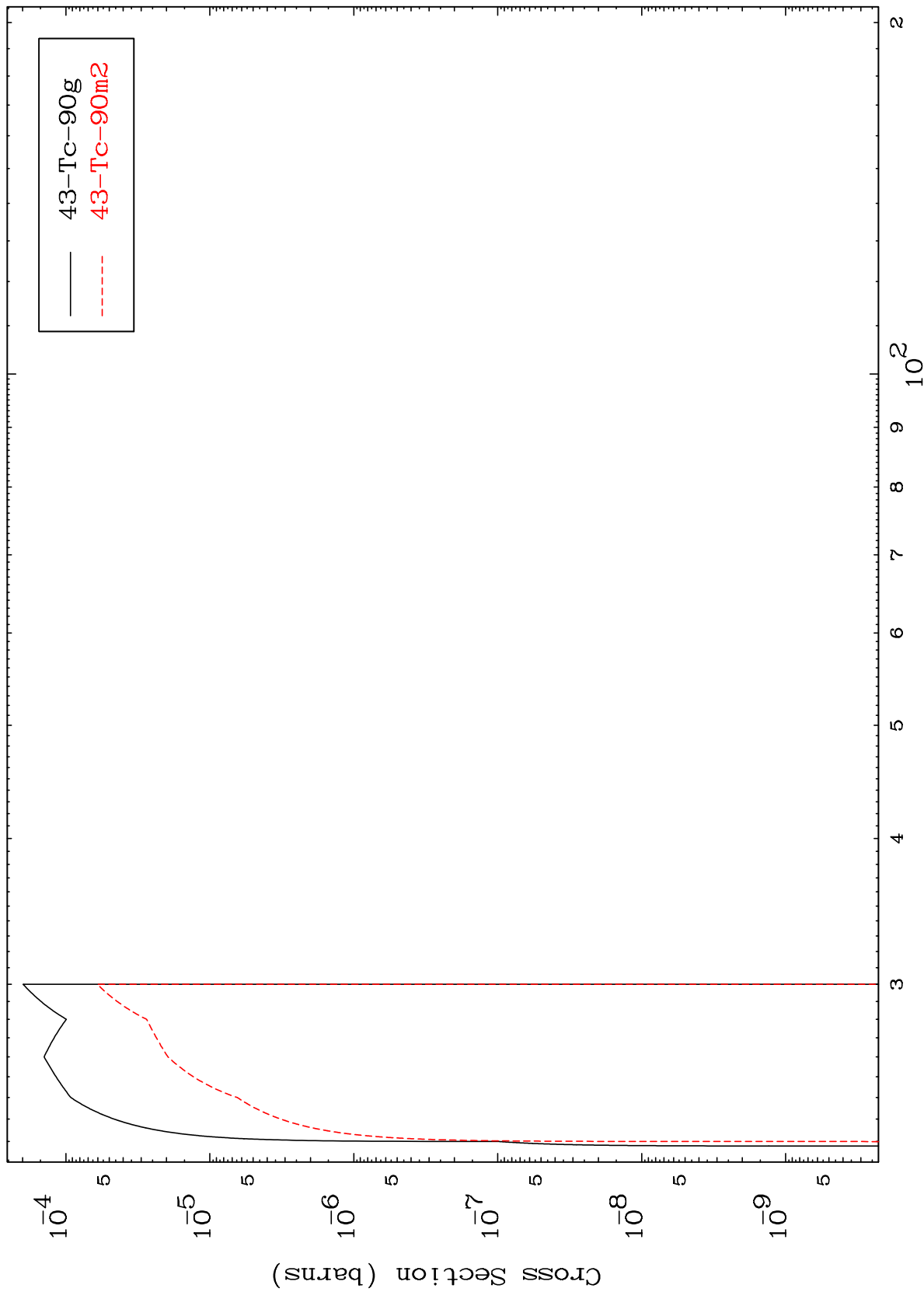
Incident Energy (MeV)

41-Nb-90m

MAT 4117

41-Nb-90m

(n,3n)
Radionuclide Production Cross Section



14

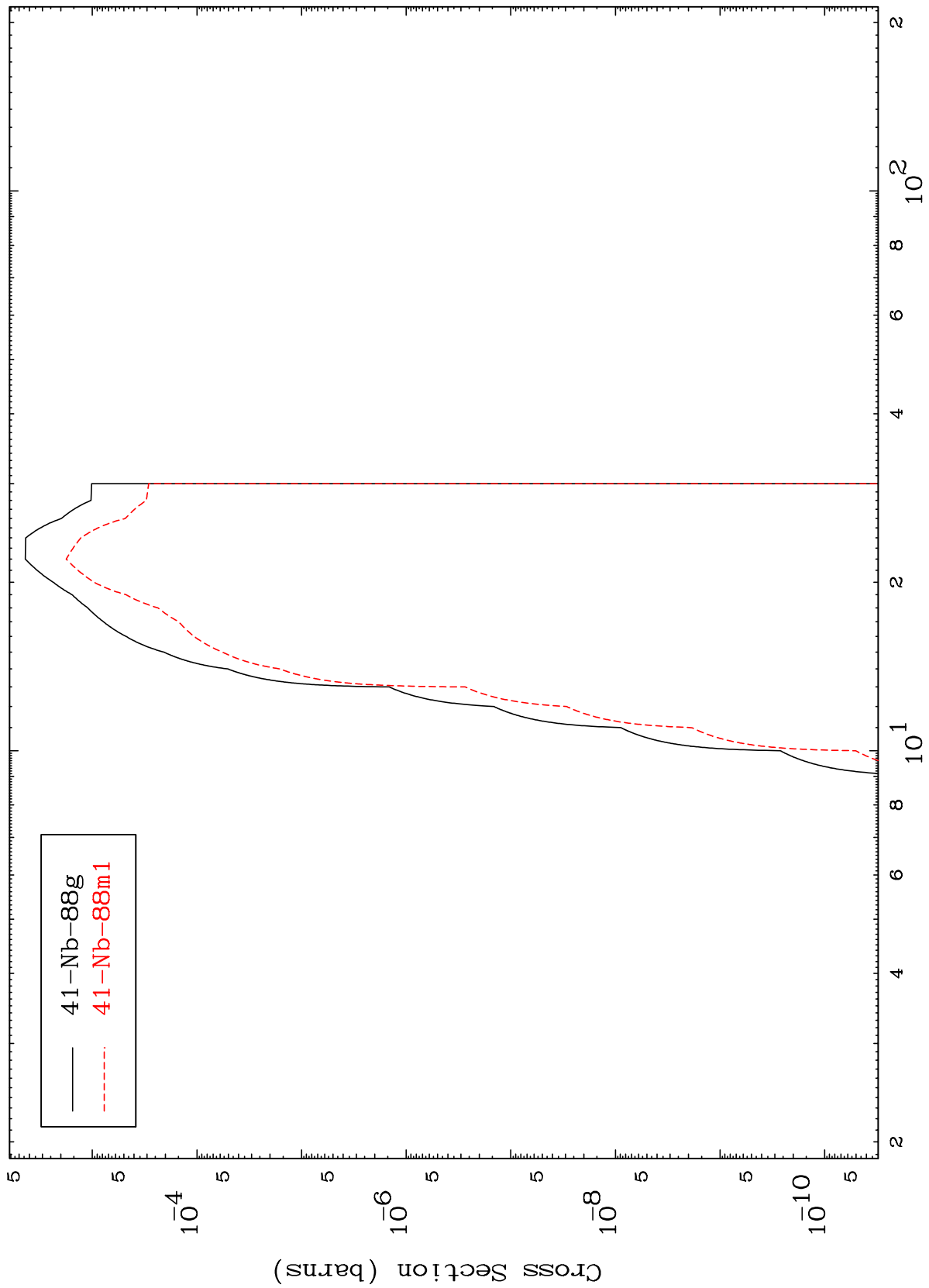
Incident Energy (MeV)

41-Nb-90m

MAT 4117

41-Nb-90m

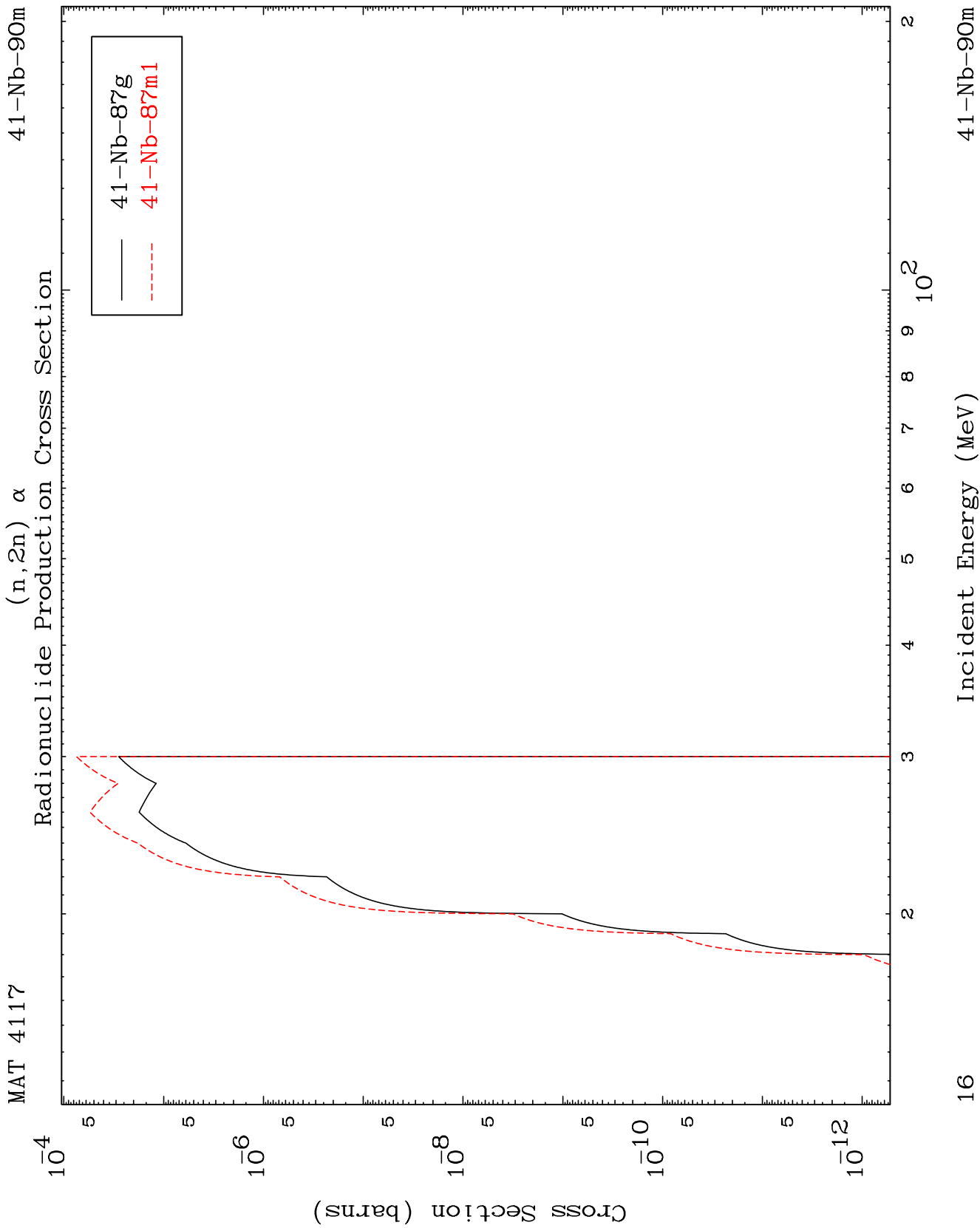
$(n, n') \alpha$
Radionuclide Production Cross Section



41-Nb-90m

Incident Energy (MeV)

15

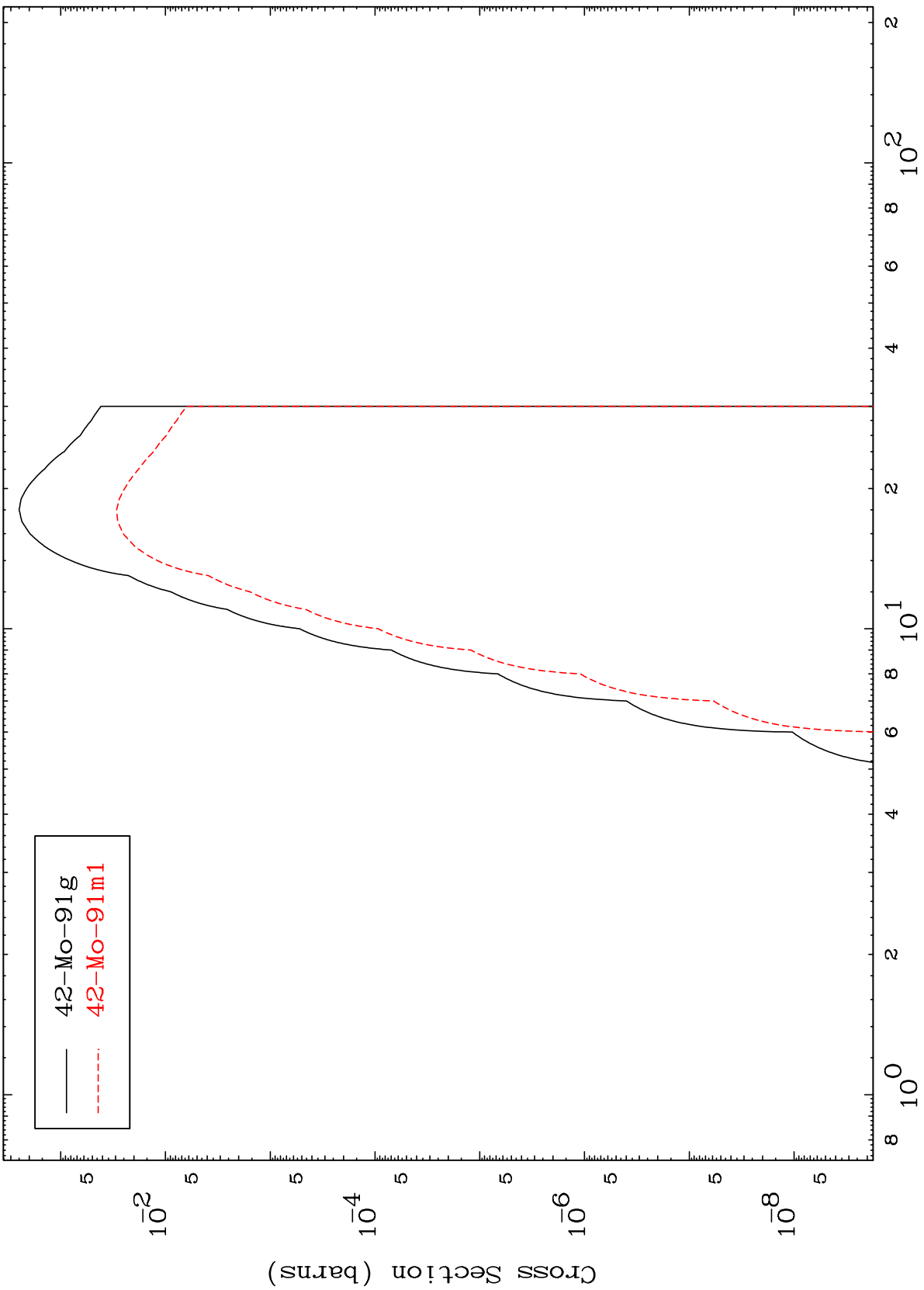


MAT 4117

(n,n') p

41-Nb-90m

Radionuclide Production Cross Section



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

17

Incident Energy (MeV)

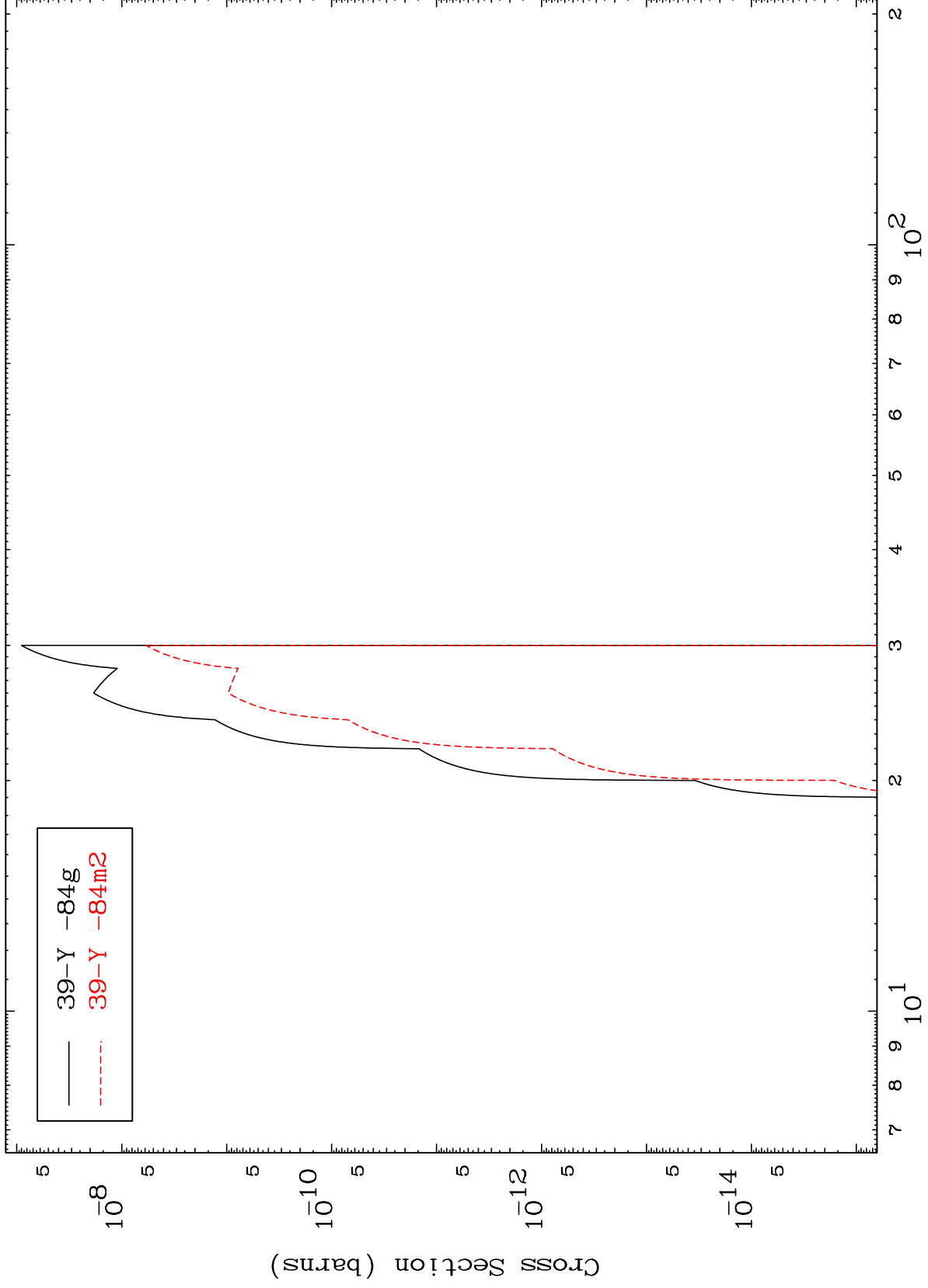
41-Nb-90m

MAT 4117

(n,n') 2α

41-Nb-90m

Radionuclide Production Cross Section



— 39-Y -84g
- - - 39-Y -84m2

18

Incident Energy (MeV)

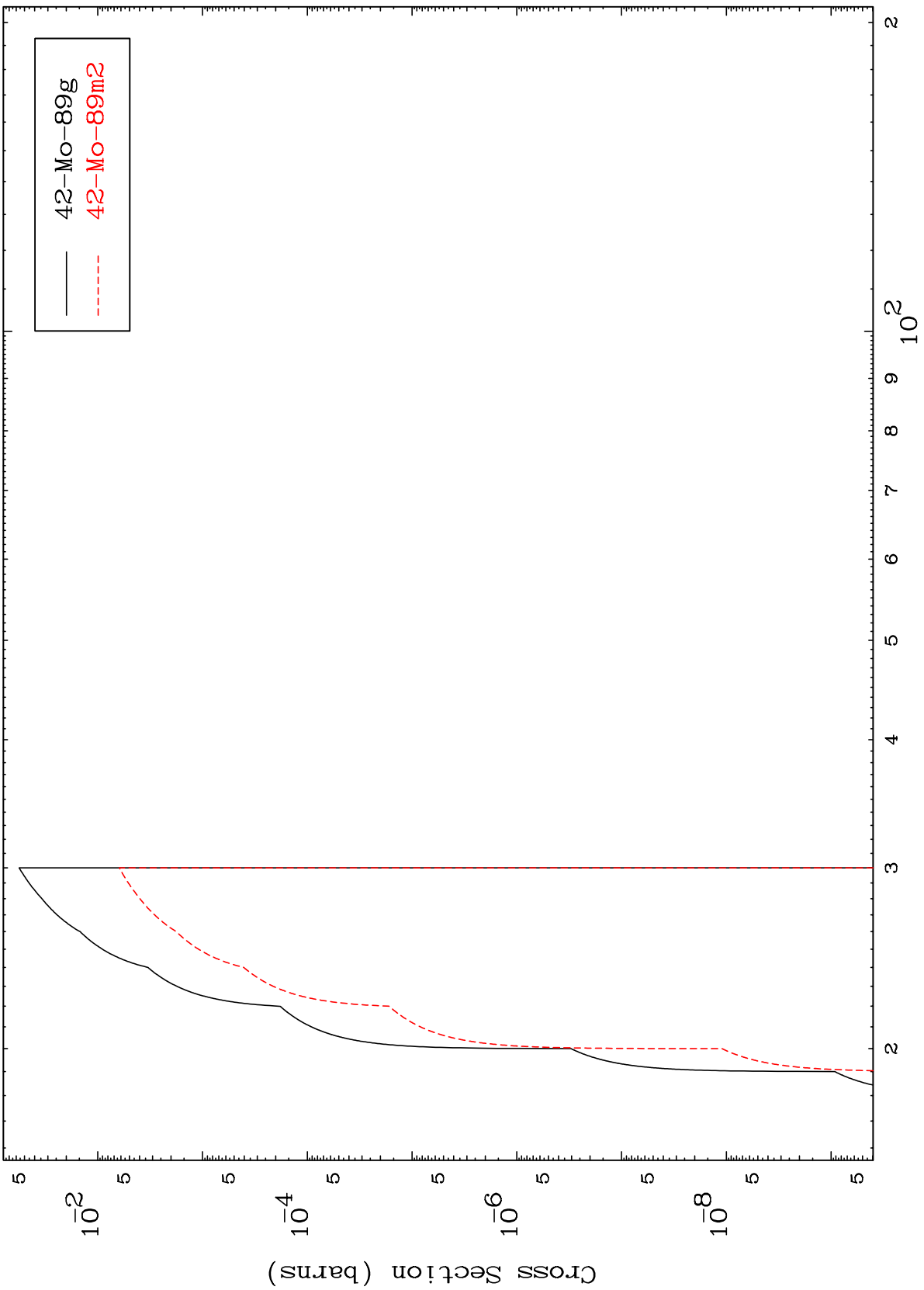
41-Nb-90m

MAT 4117

(n,n') t

41-Nb-90m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

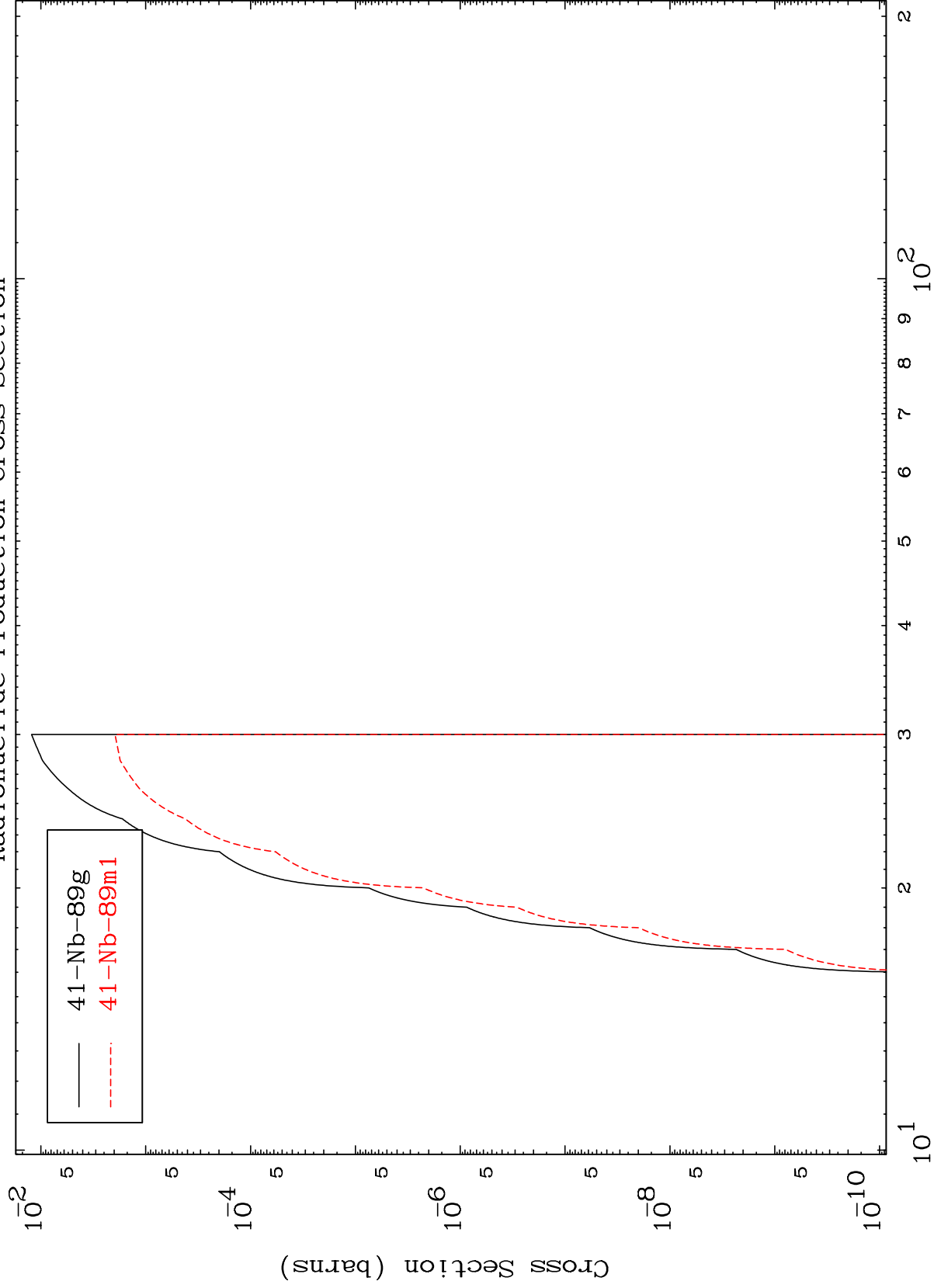
41-Nb-90m

MAT 4117

(n,n') He-3

41-Nb-90m

Radionuclide Production Cross Section



Incident Energy (MeV)

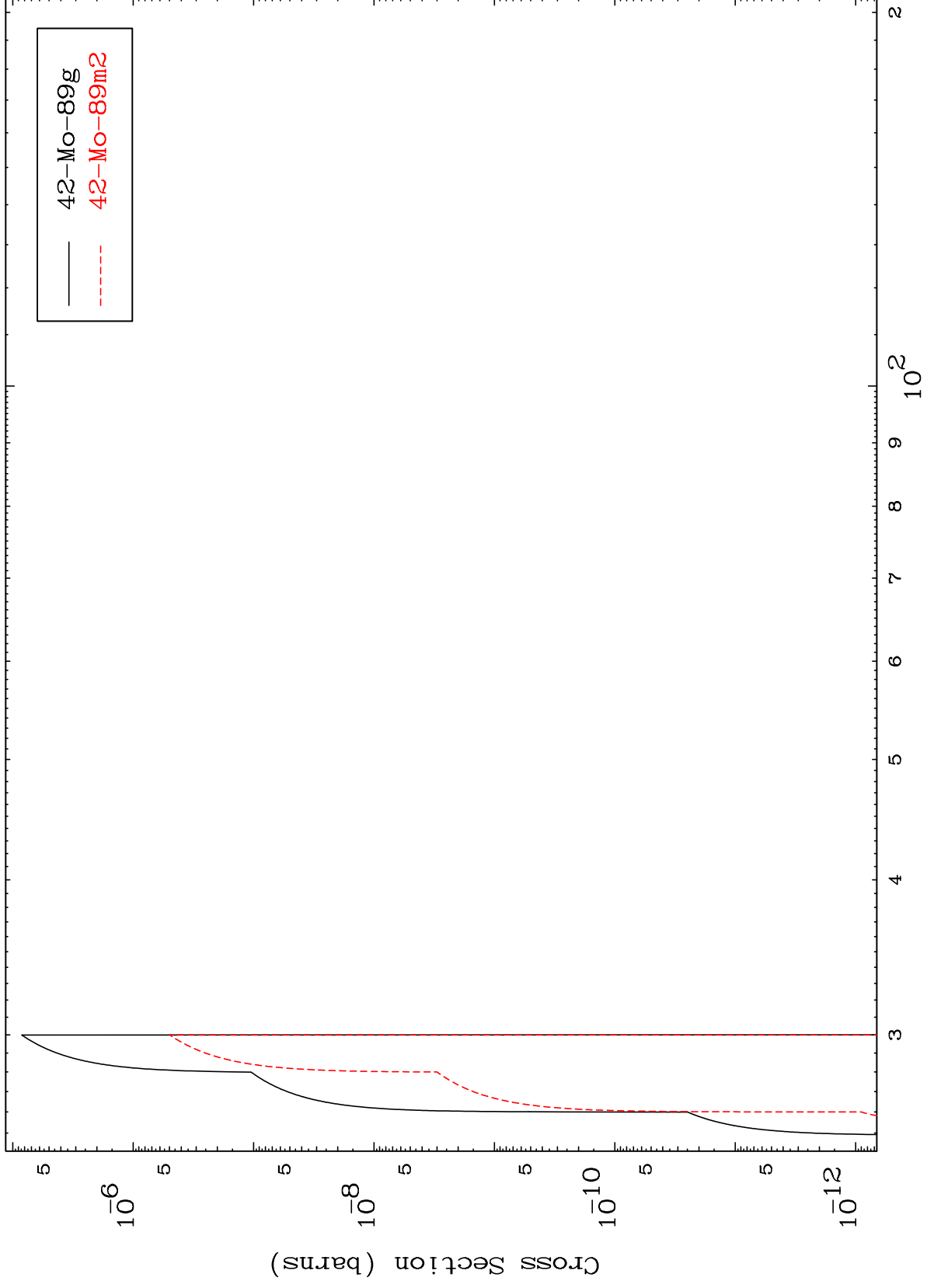
41-Nb-90m

MAT 4117

(n,3n) p

41-Nb-90m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

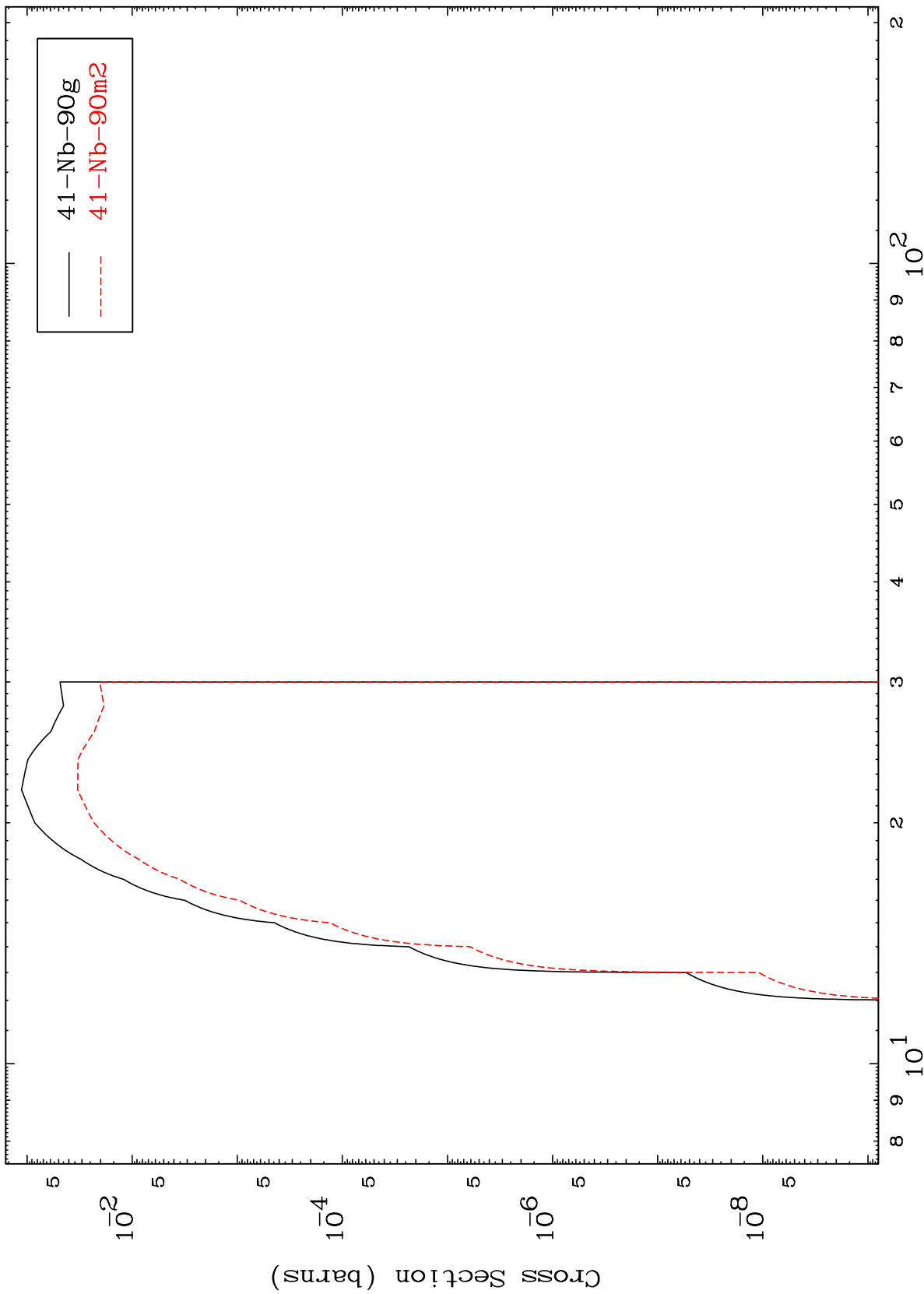
41-Nb-90m

MAT 4117

(n,2n) p

41-Nb-90m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

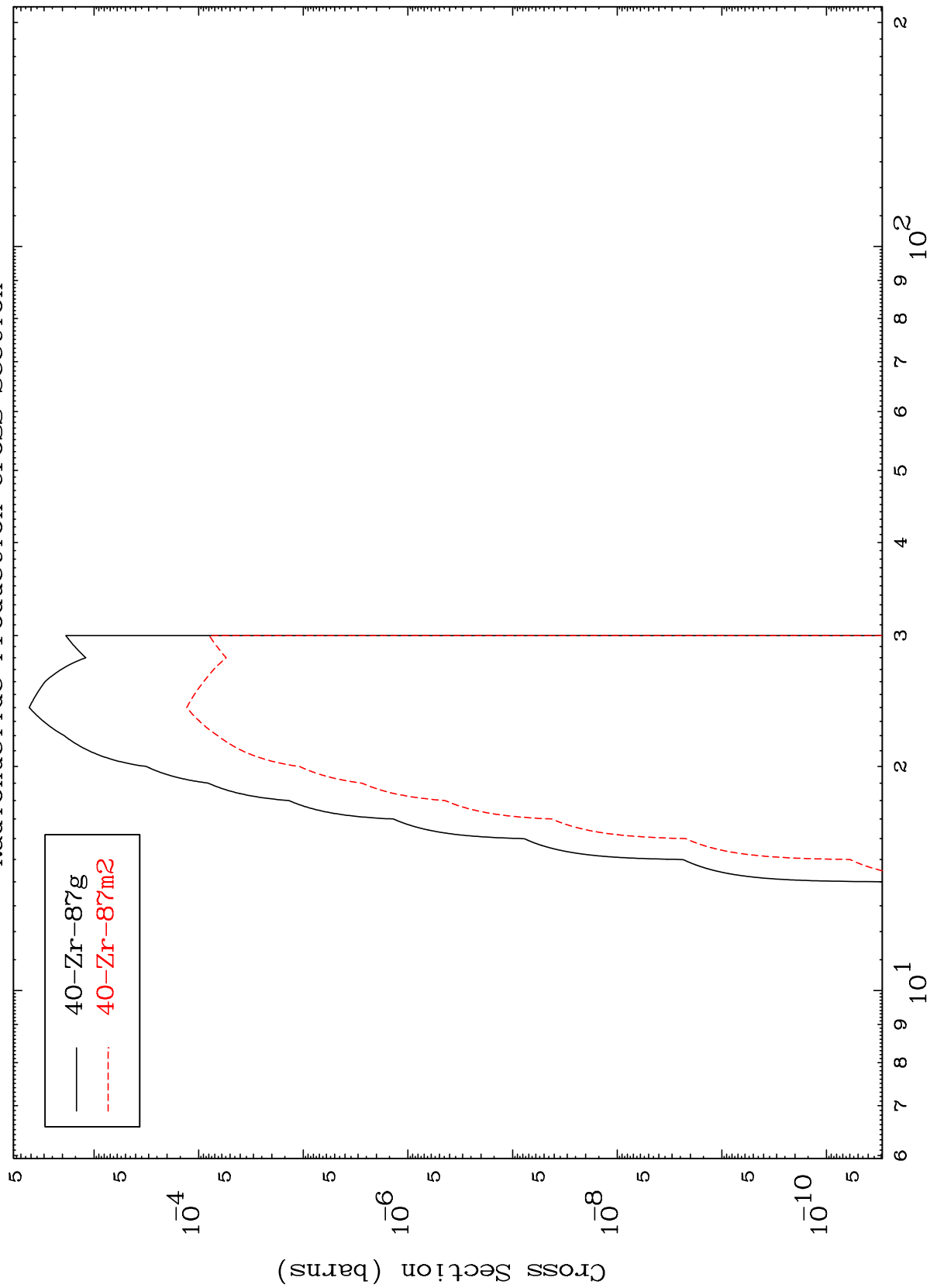
41-Nb-90m

MAT 4117

(n,n') p α

41-Nb-90m

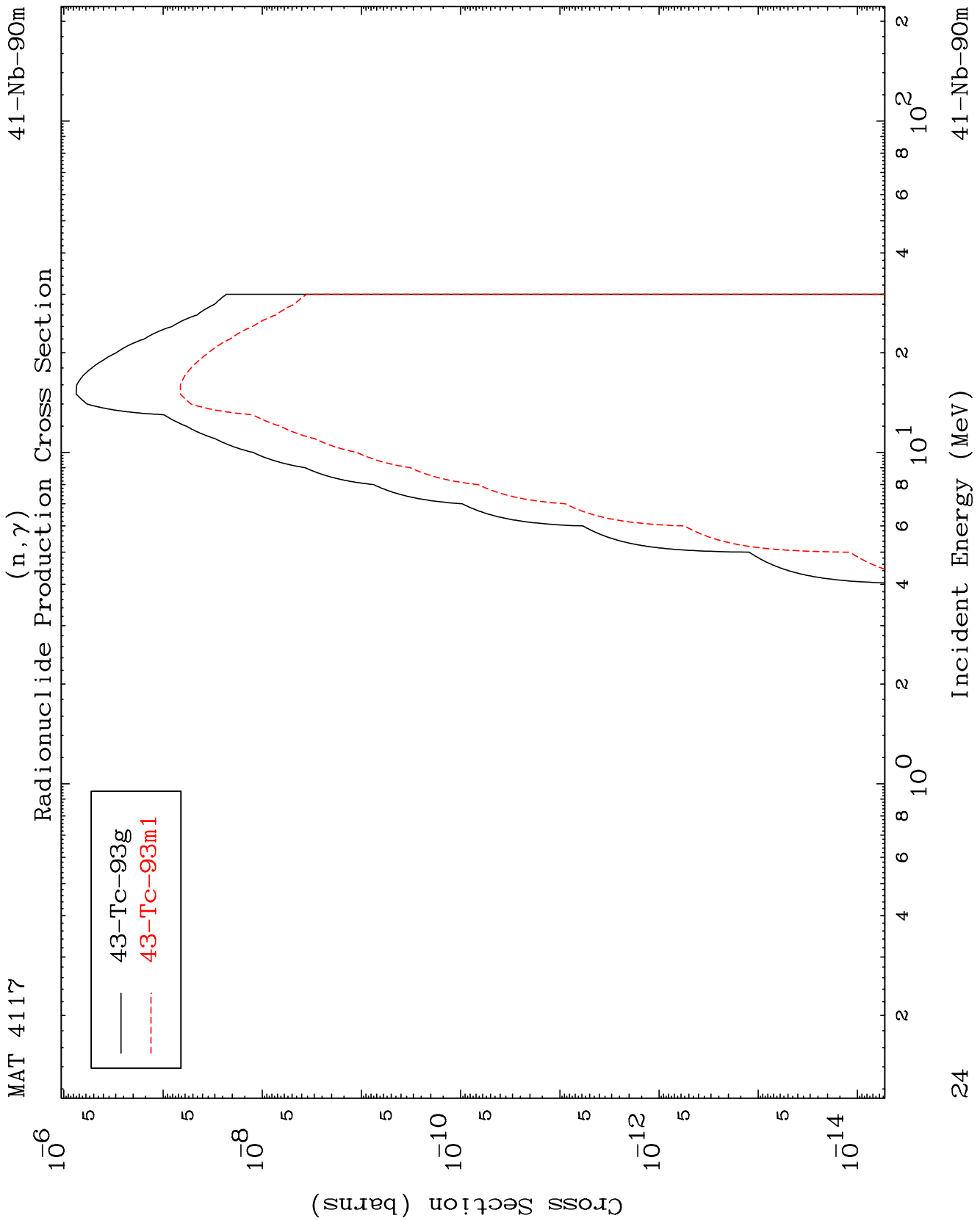
Radionuclide Production Cross Section



23

Incident Energy (MeV)

41-Nb-90m

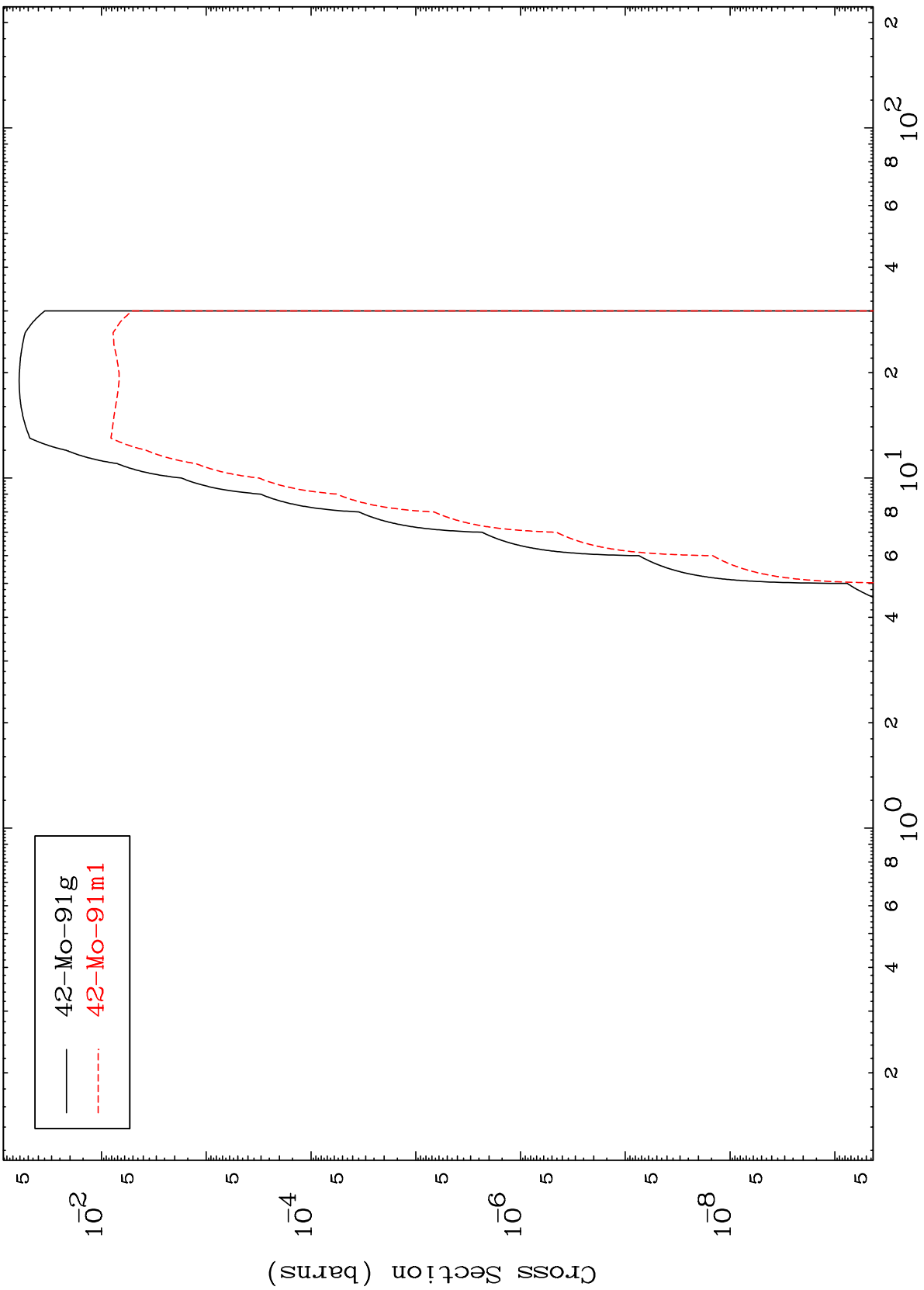


MAT 4117

(n,d)

41-Nb-90m

Radionuclide Production Cross Section

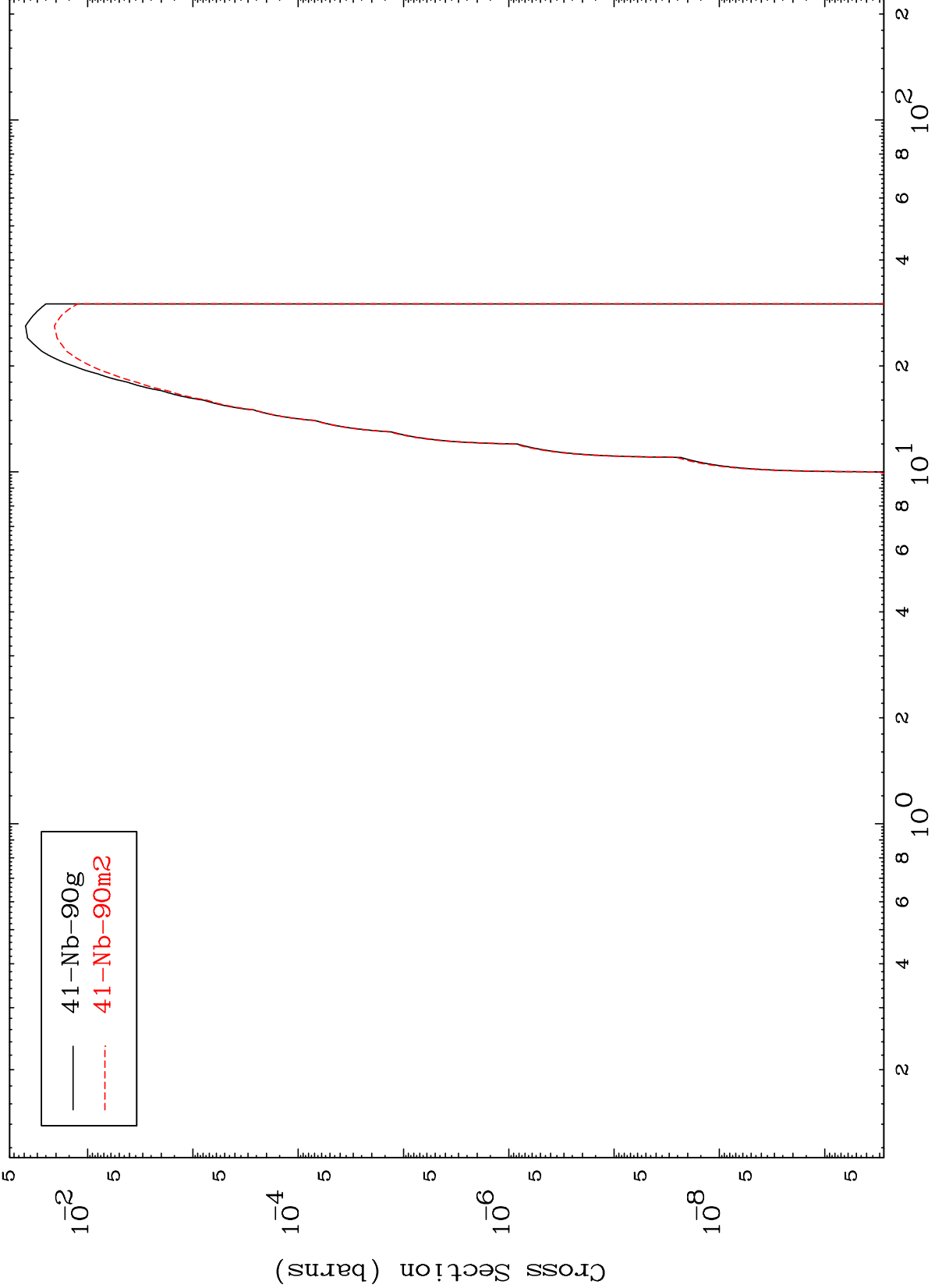


MAT 4117

(n,He-3)

41-Nb-90m

Radionuclide Production Cross Section

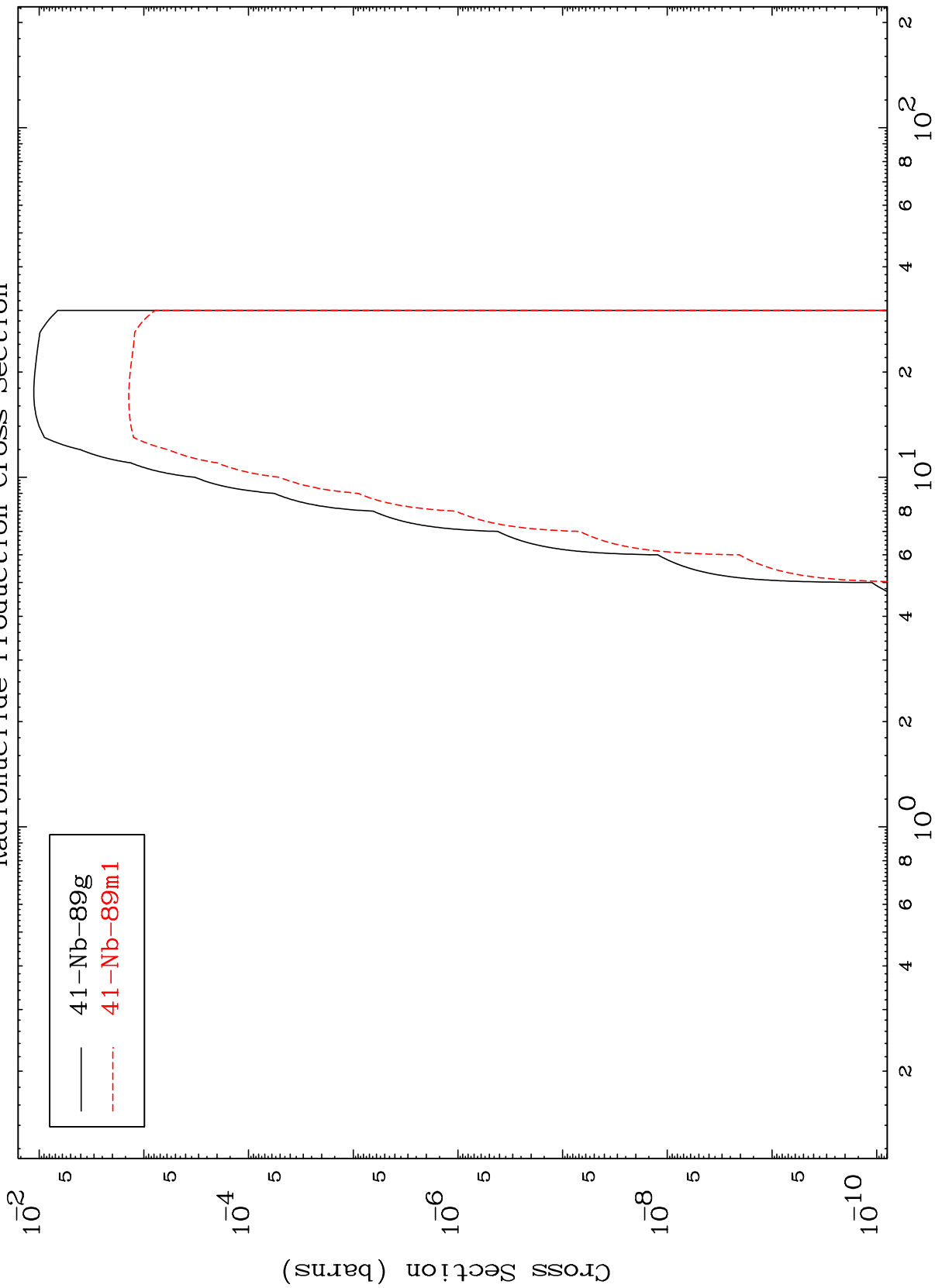


MAT 4117

(n, α)

41-Nb-90m

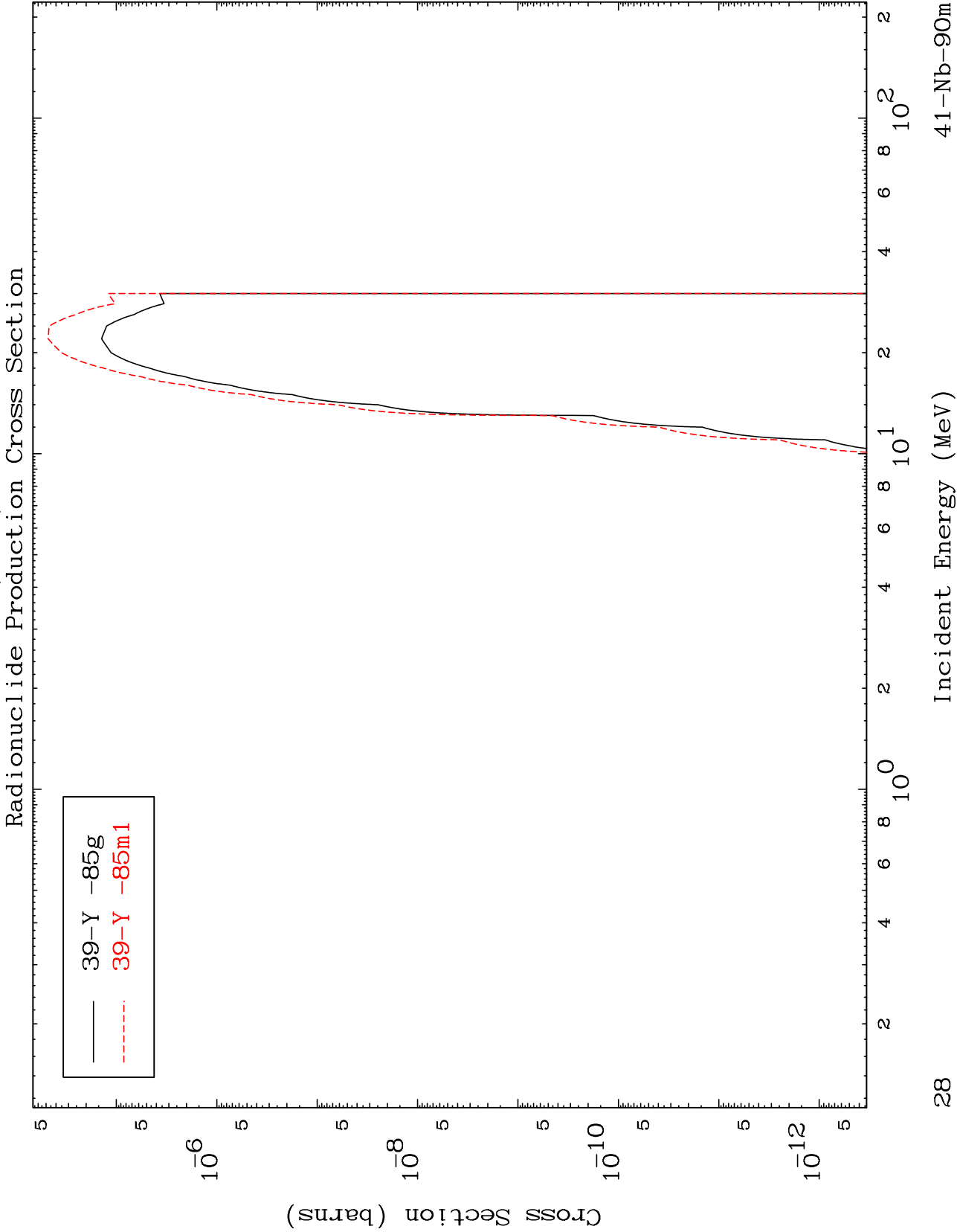
Radionuclide Production Cross Section



MAT 4117

(n,2α)

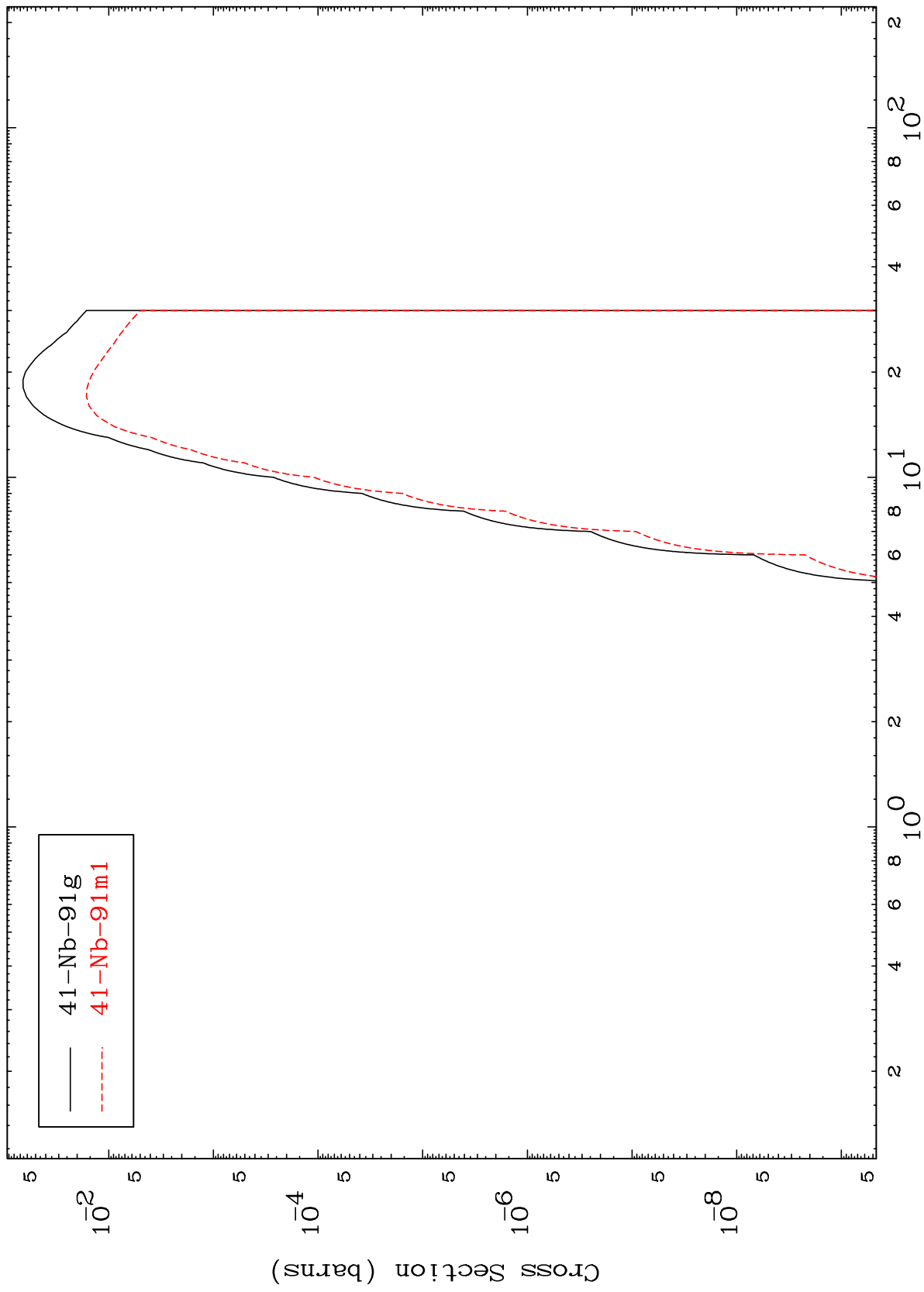
41-Nb-90m



MAT 4117

41-Nb-90m

Radionuclide Production Cross Section
(n,2p)



29

41-Nb-90m

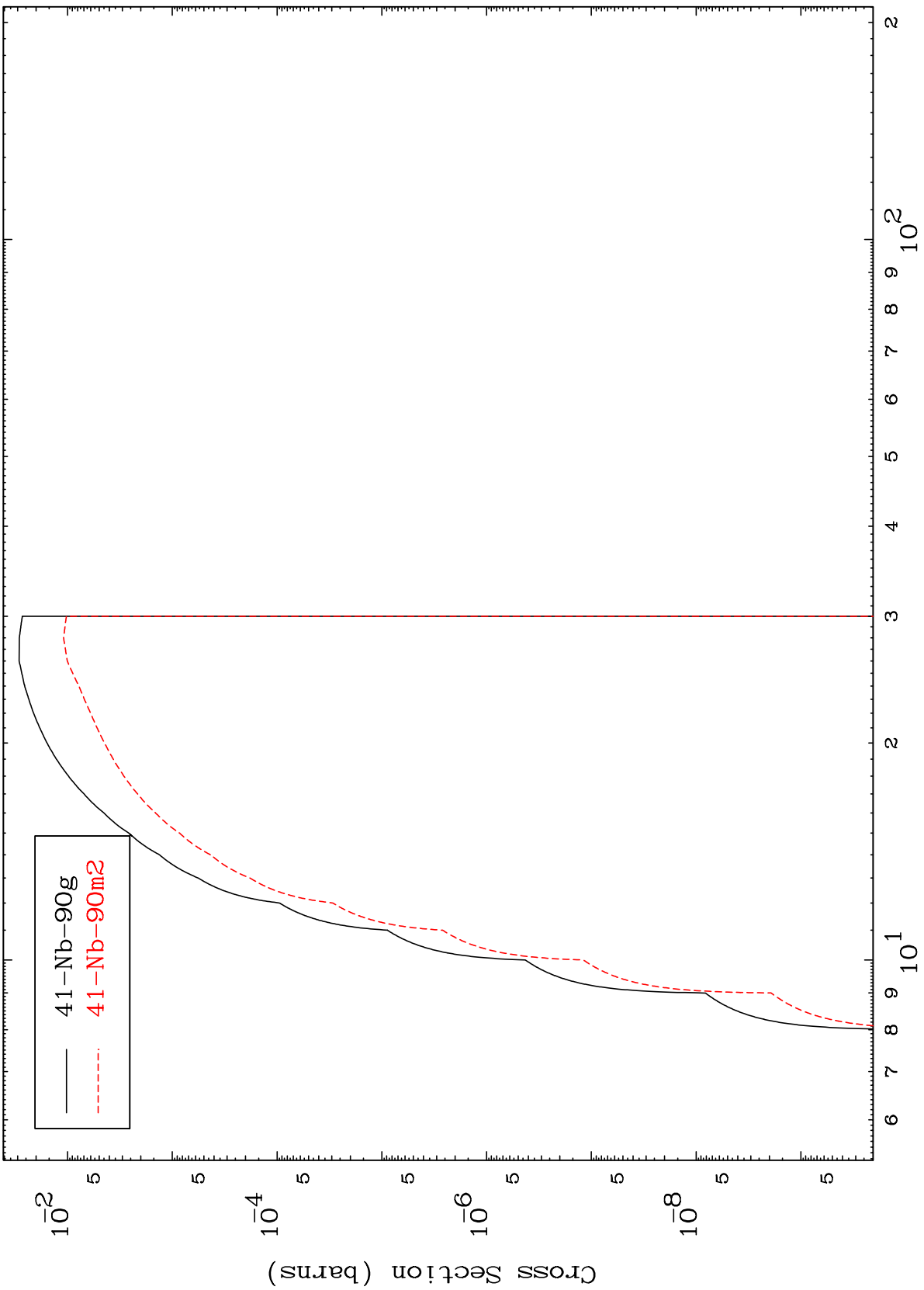
Incident Energy (MeV)

MAT 4117

(n,p) d

41-Nb-90m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

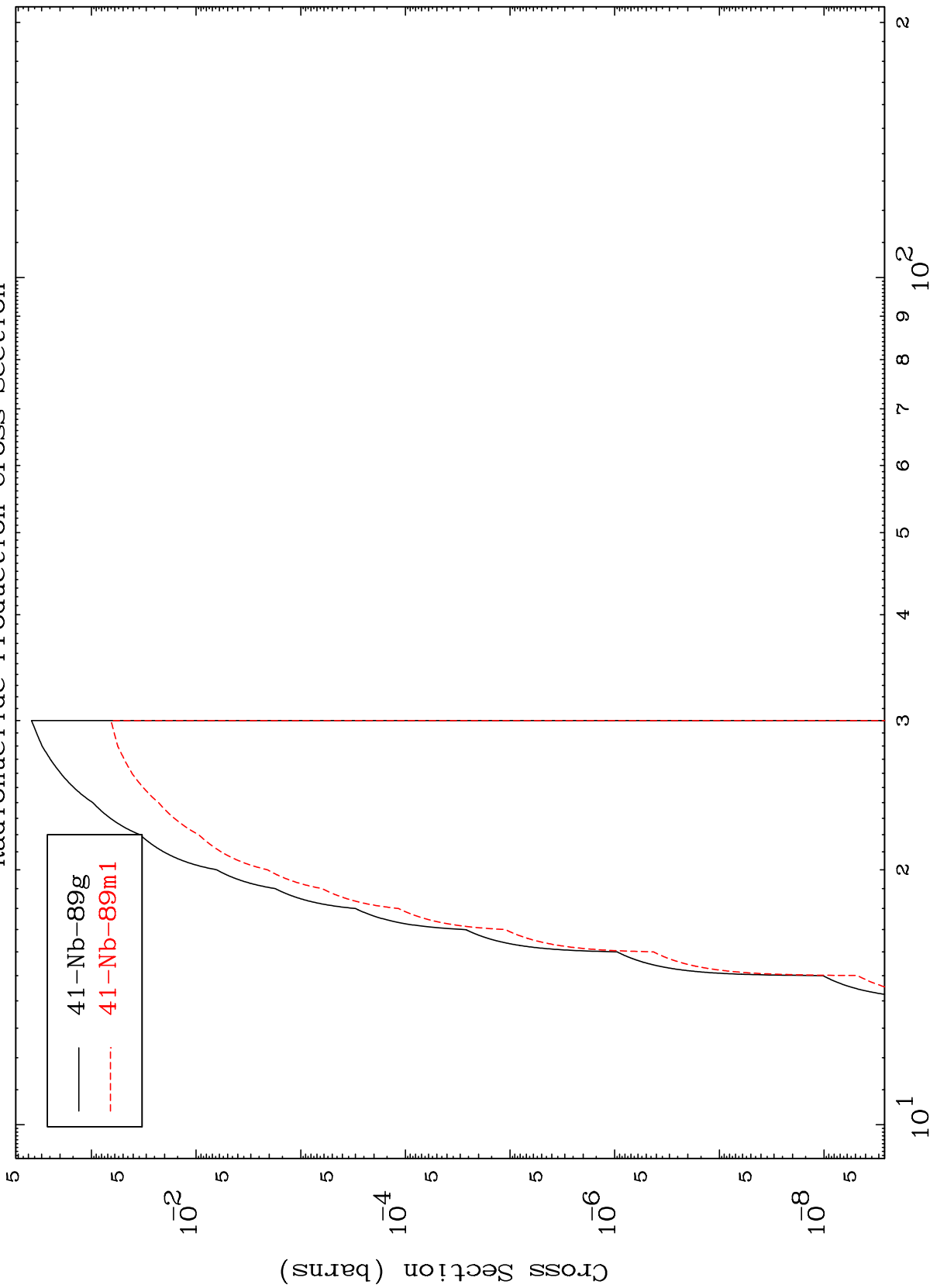
41-Nb-90m

MAT 4117

(n,p) t

41-Nb-90m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

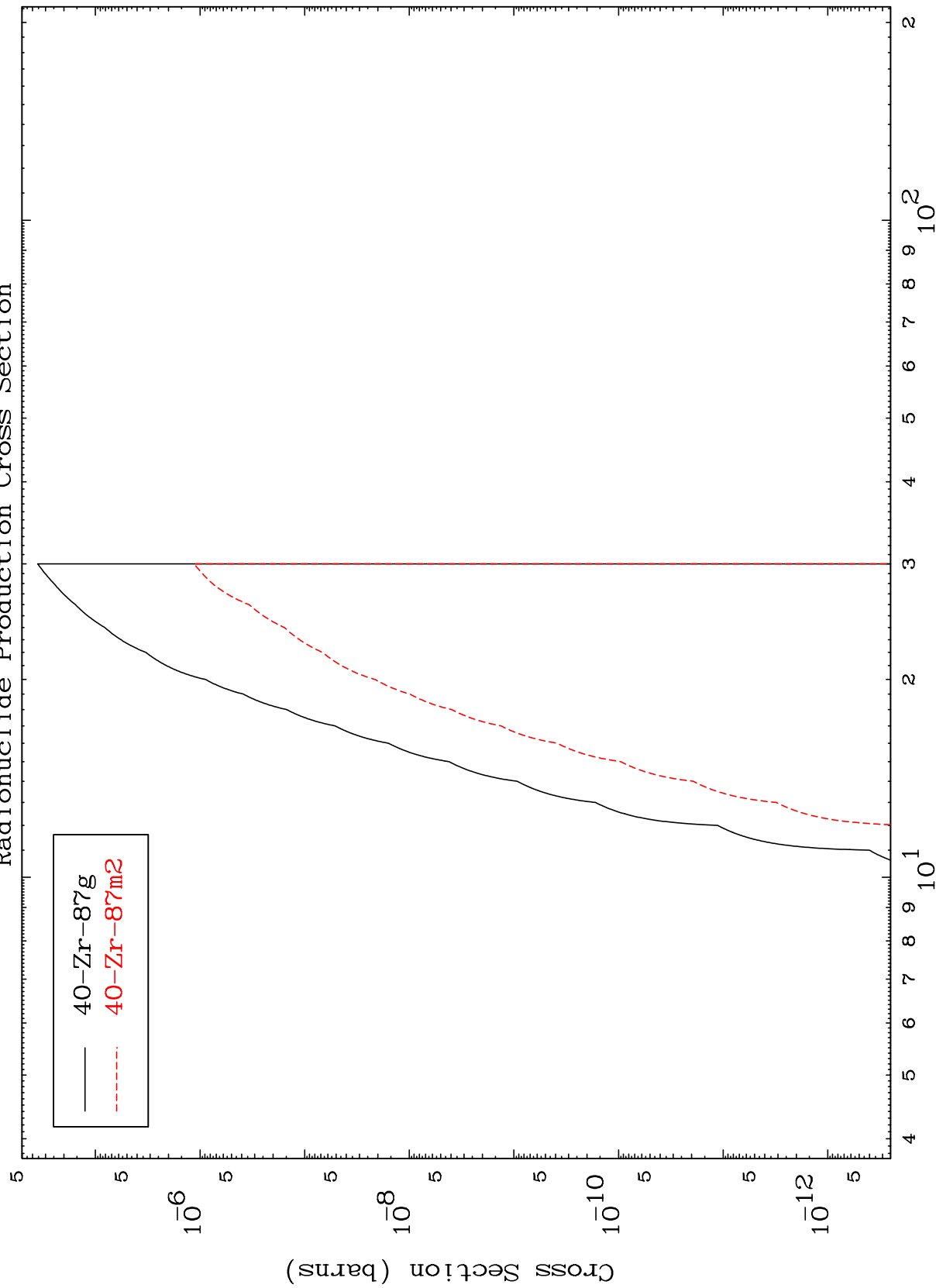
41-Nb-90m

MAT 4117

(n,d) α

41-Nb-90m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

41-Nb-90m