

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

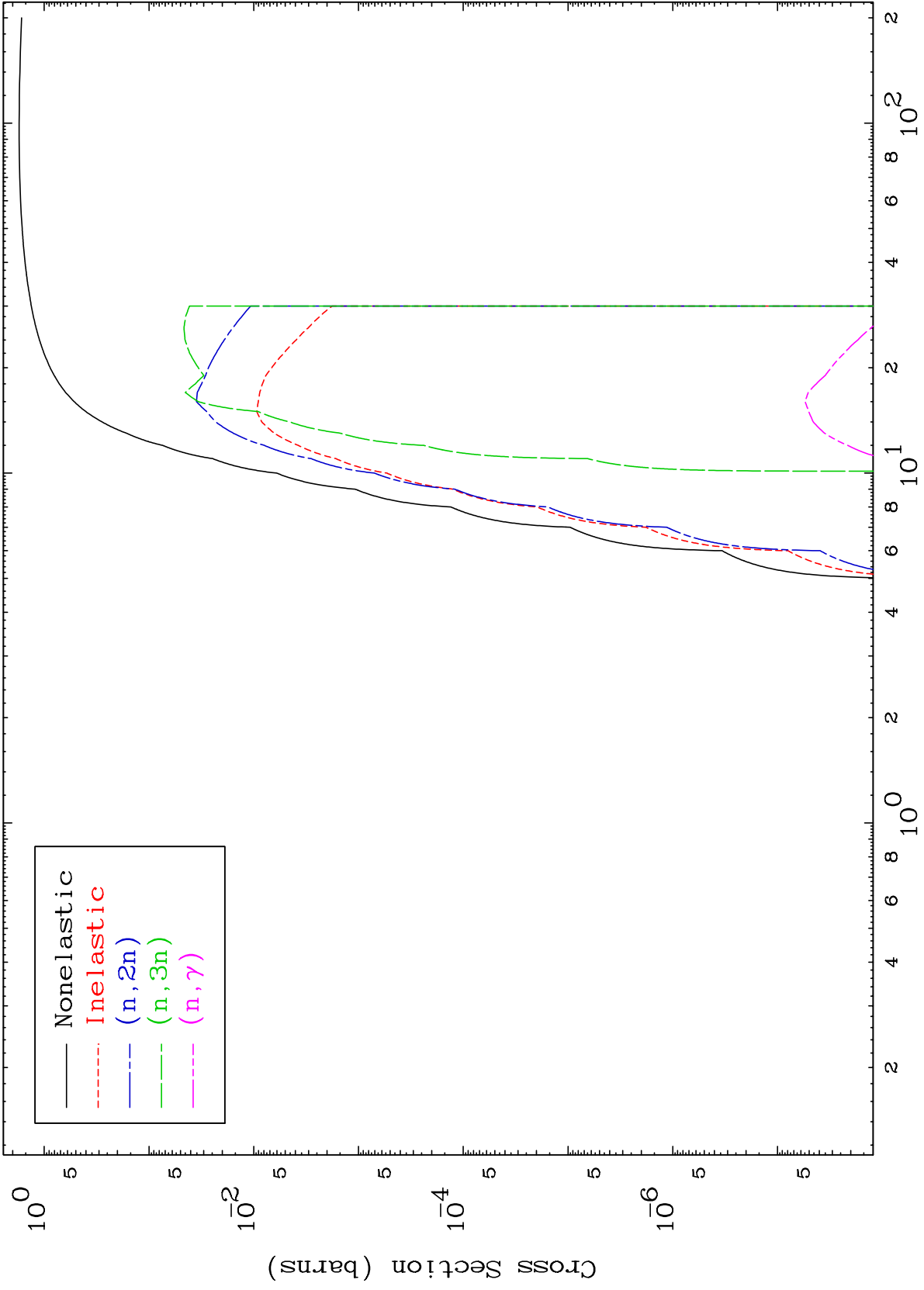
Press Mouse Button to Start

MAT 4132

He-3 Major

0 Kelvin Cross Sections

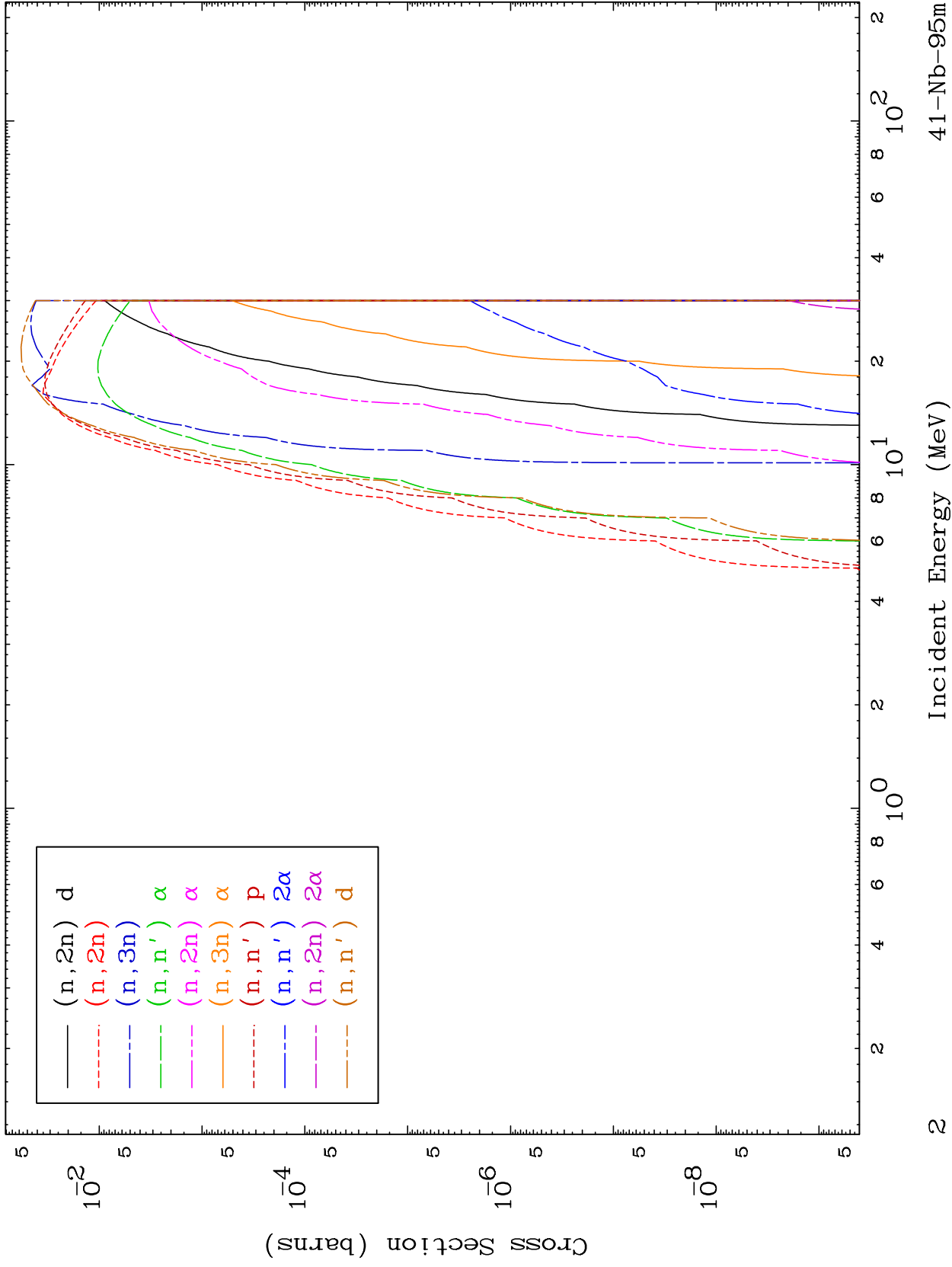
41-Nb-95m



MAT 4132

He-3 Neutron Absorption
0 Kelvin Cross Sections

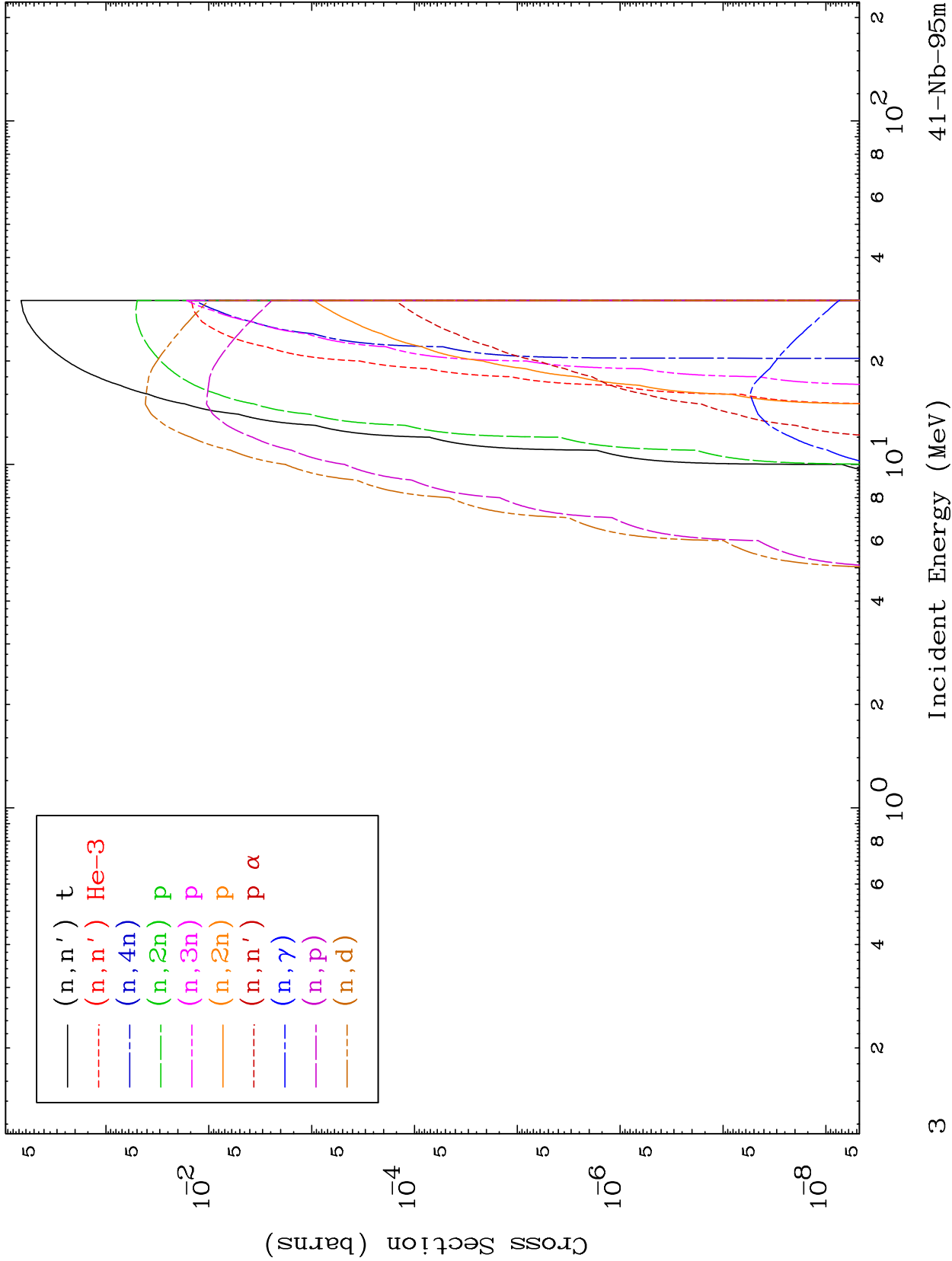
41-Nb-95m



MAT 4132

He-3 Neutron Absorption
0 Kelvin Cross Sections

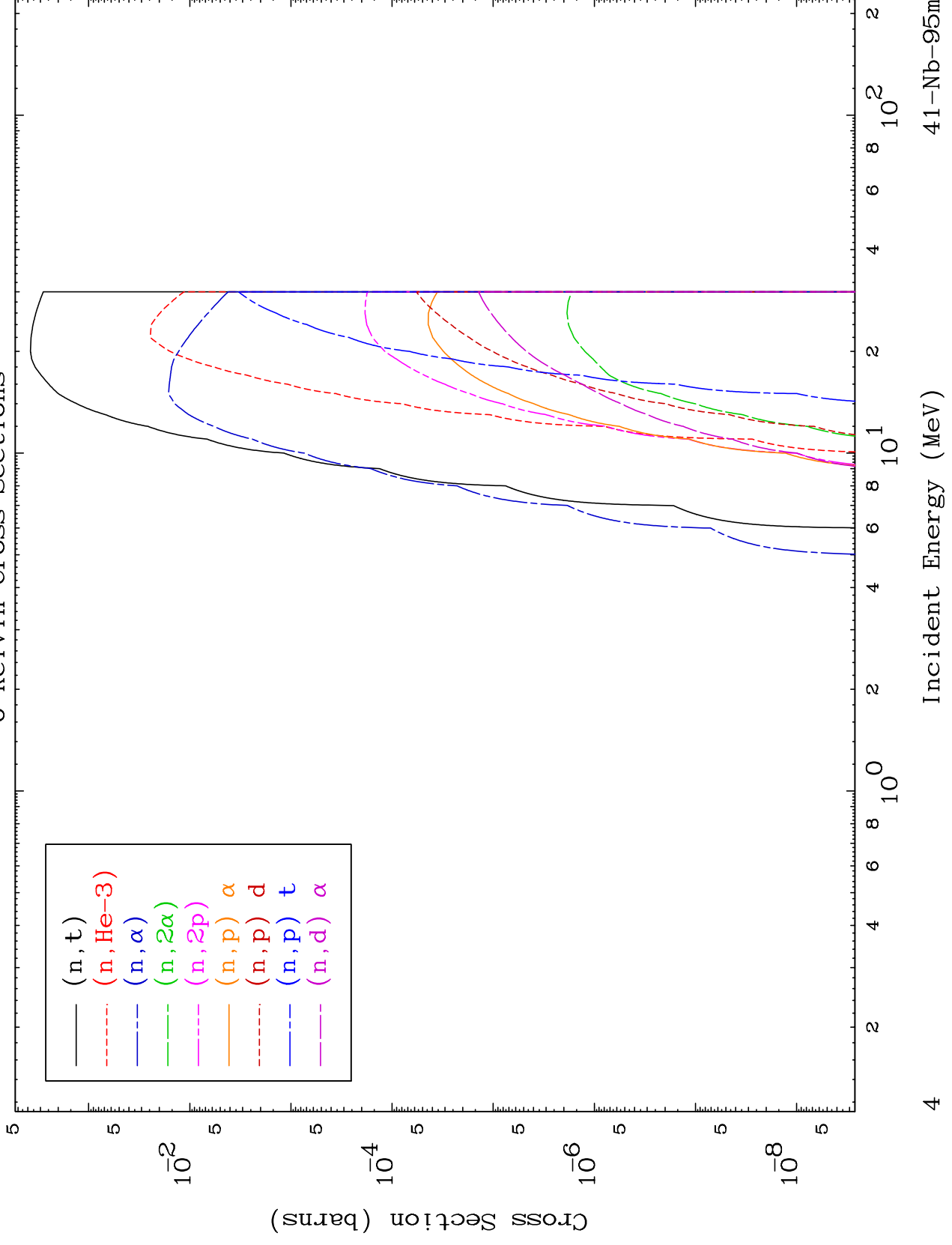
41-Nb-95m



MAT 4132

He-3 Neutron Absorption
0 Kelvin Cross Sections

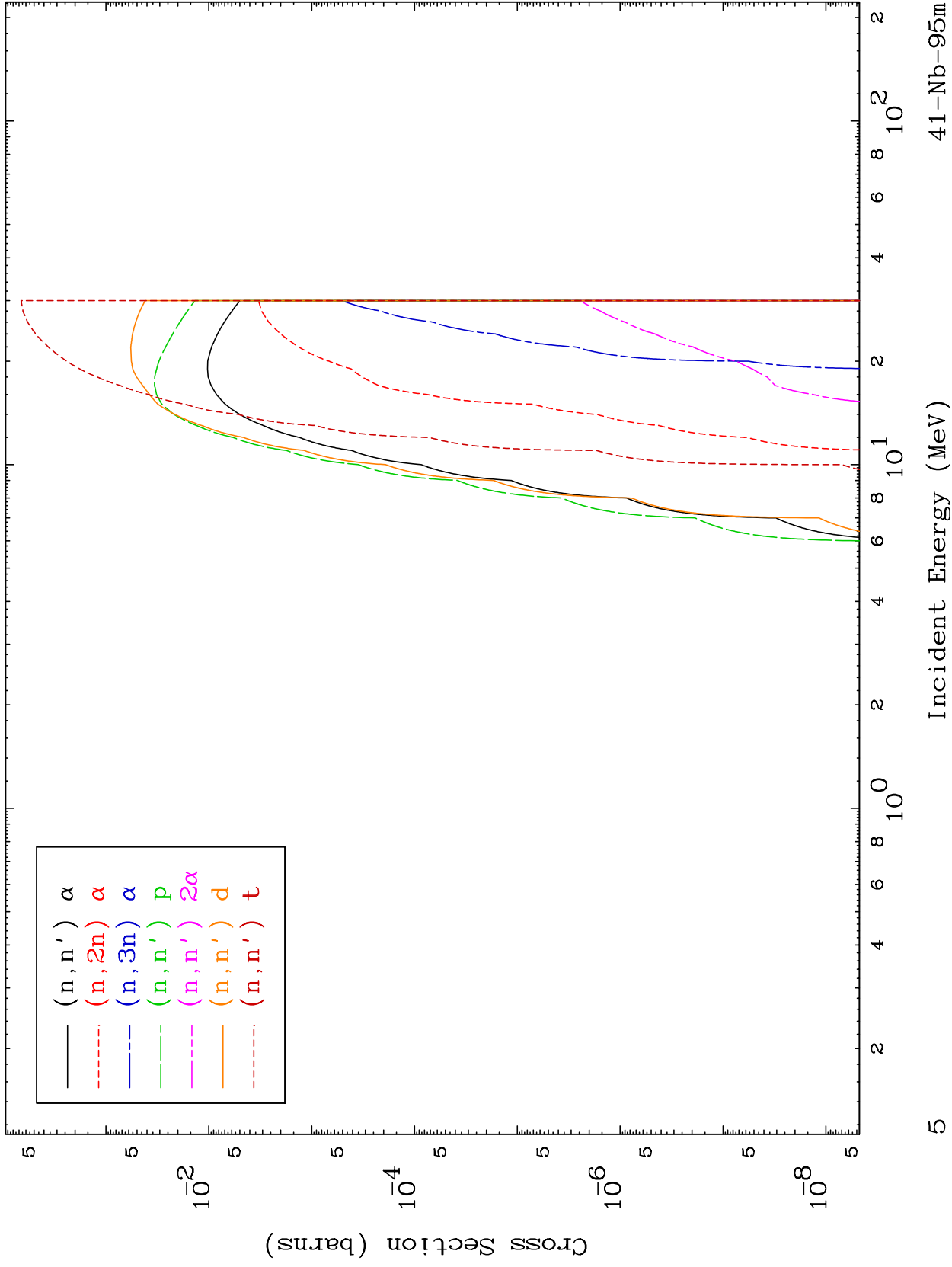
41-Nb-95m



MAT 4132

He-3 Charged Particle
0 Kelvin Cross Sections

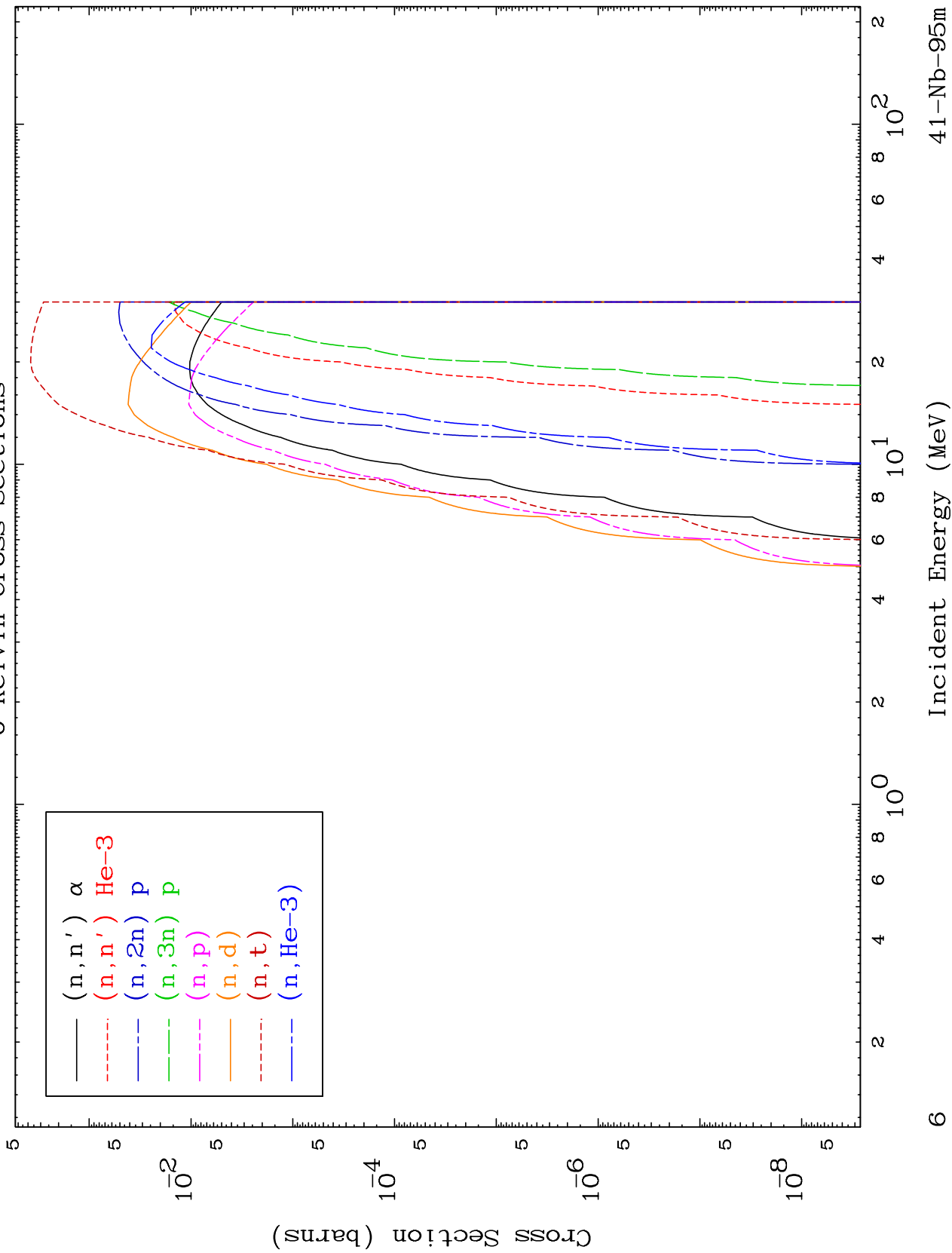
41-Nb-95m

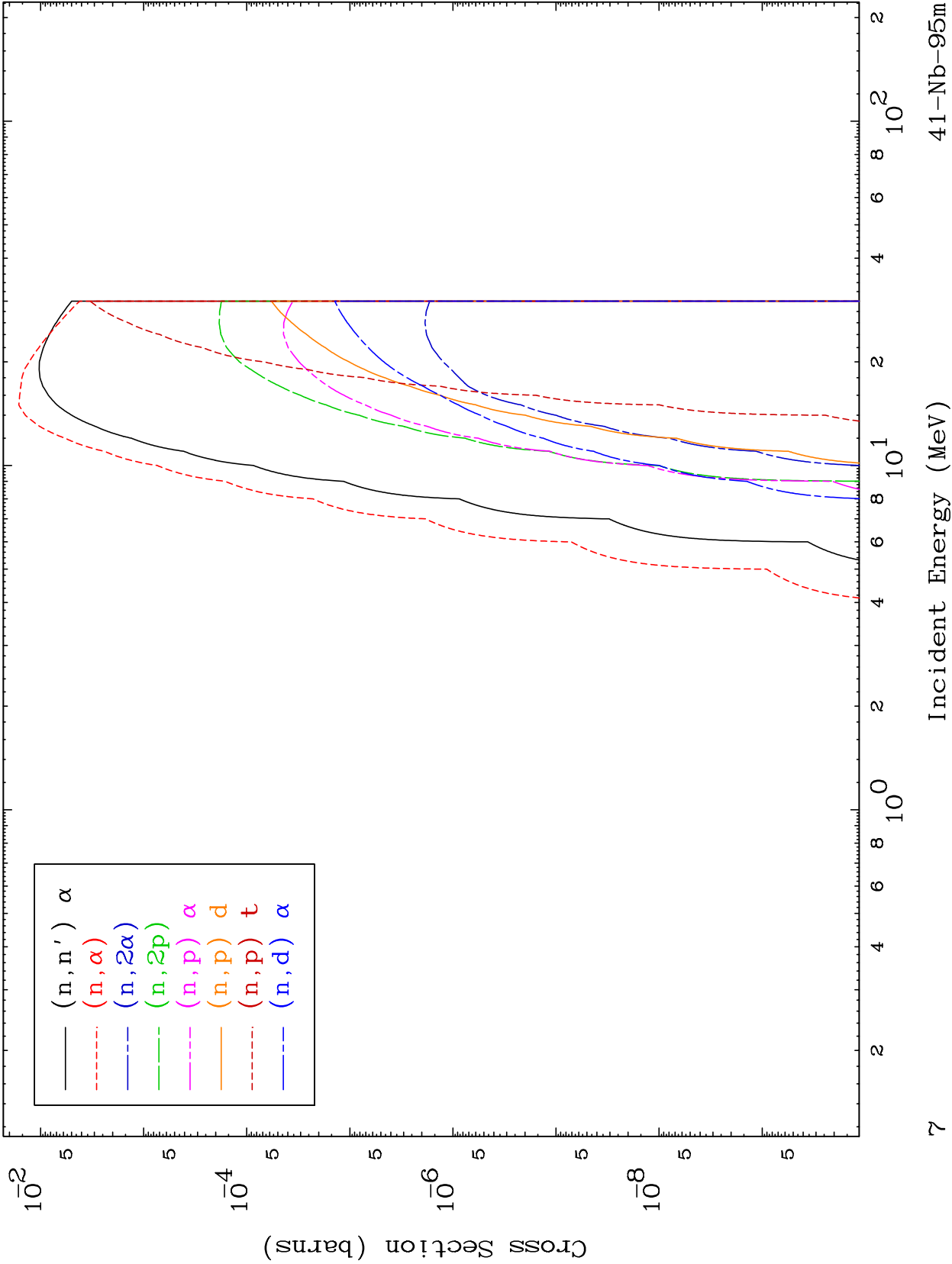


MAT 4132

He-3 Charged Particle
0 Kelvin Cross Sections

41-Nb-95m

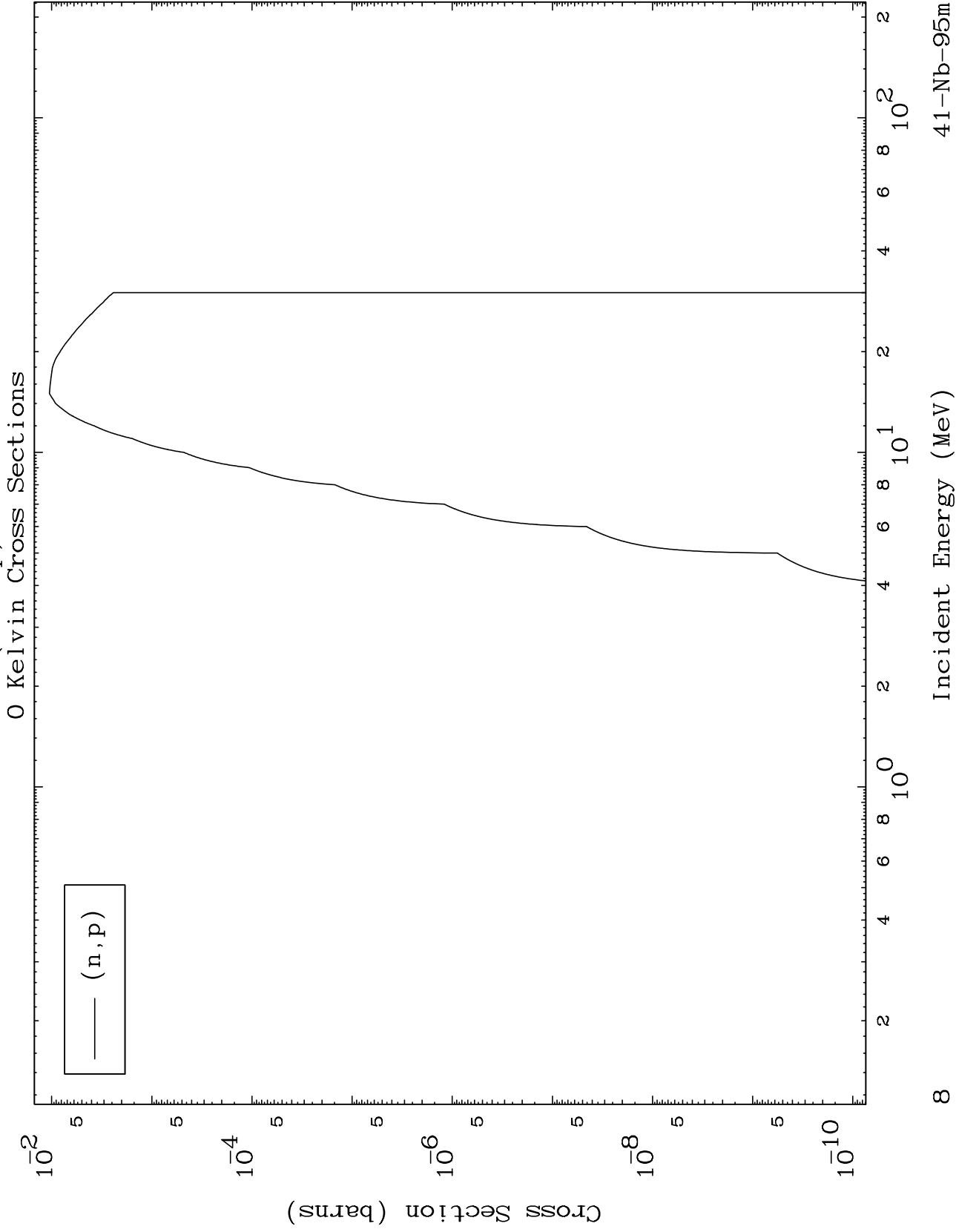




MAT 4132

(He-3,p) Levels

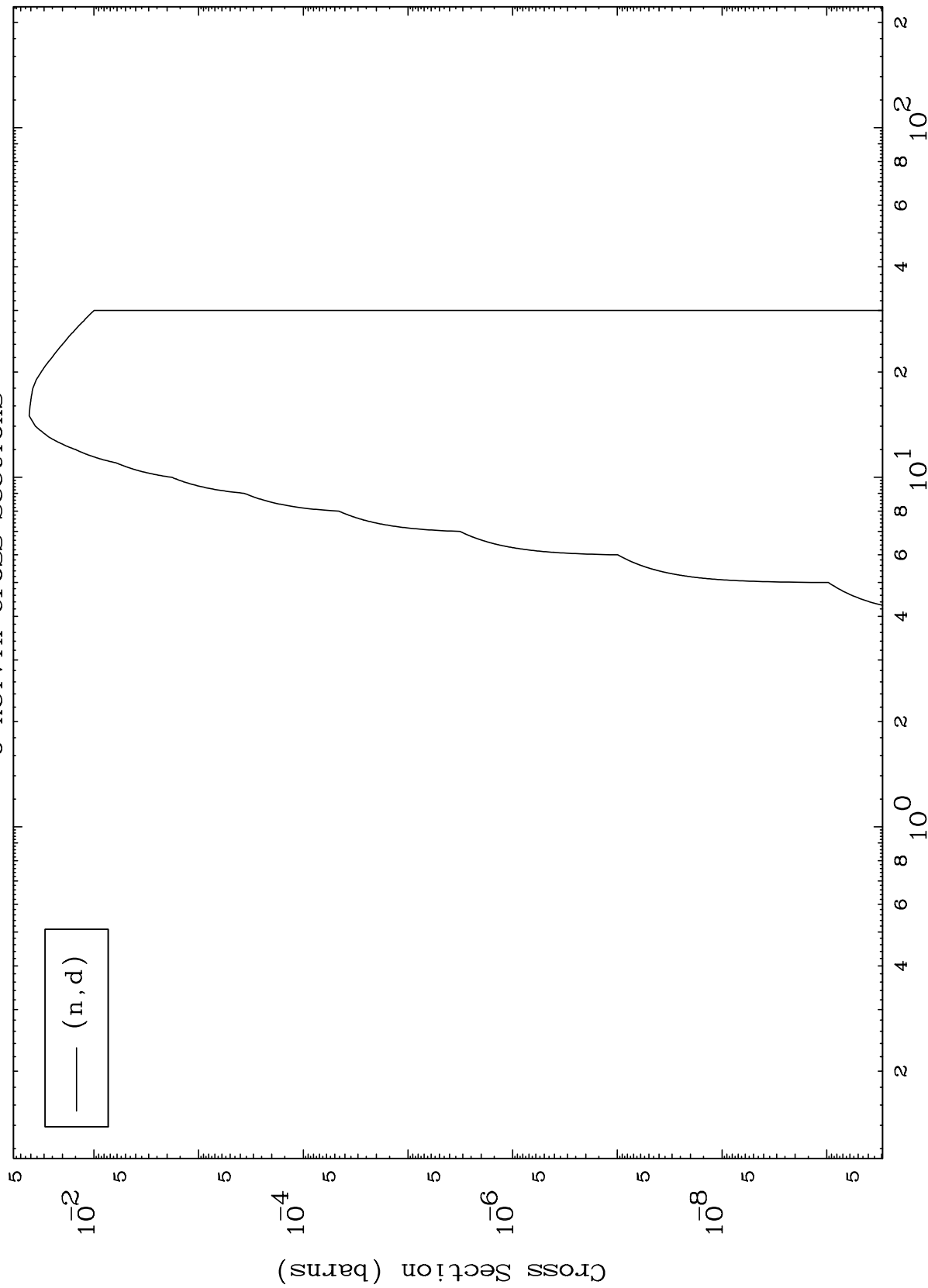
41-Nb-95m



MAT 4132

41-Nb-95m

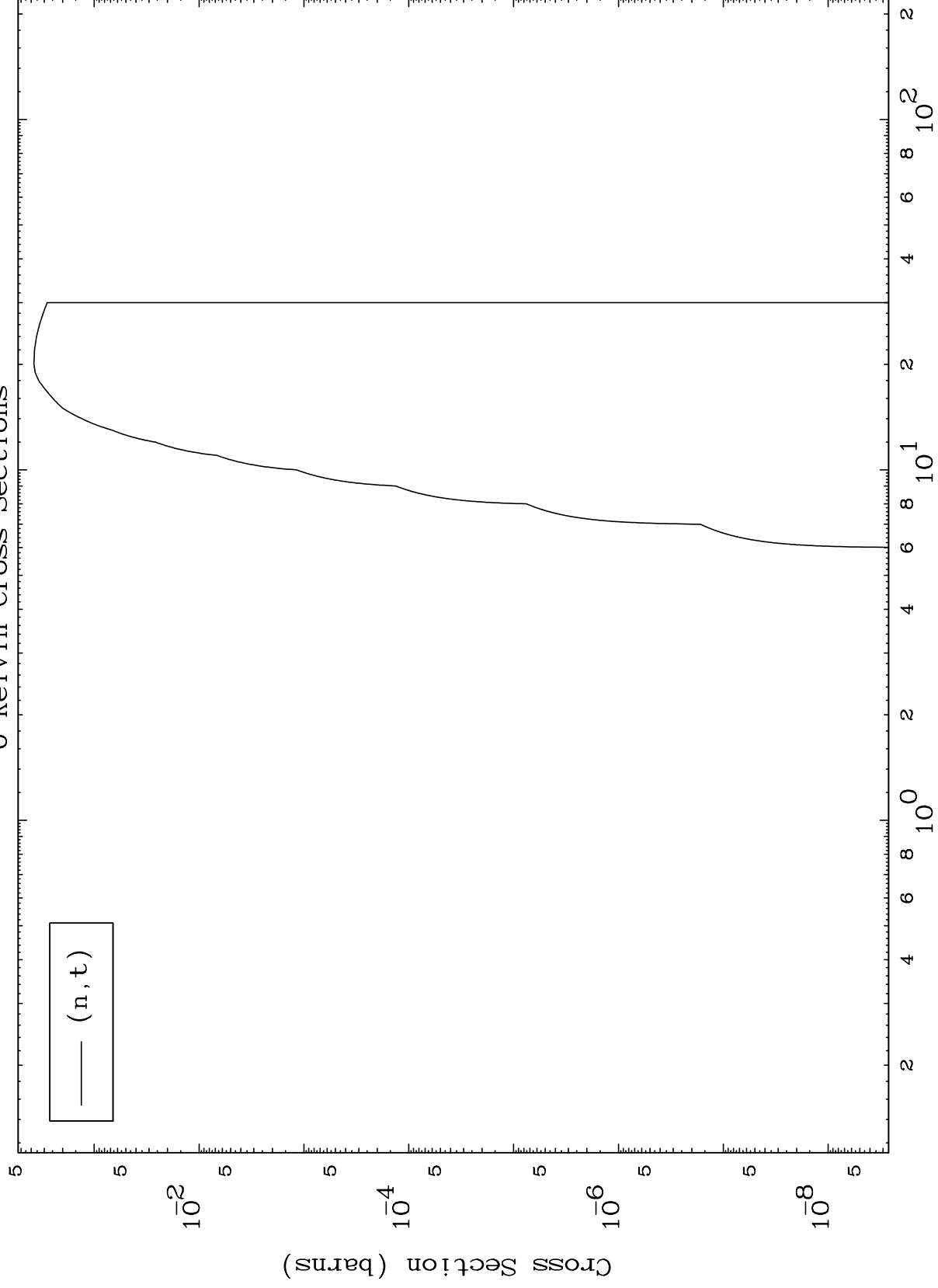
(He-3,d) Levels
0 Kelvin Cross Sections



MAT 4132

(He-3,t) Levels
0 Kelvin Cross Sections

41-Nb-95m



10

Incident Energy (MeV)

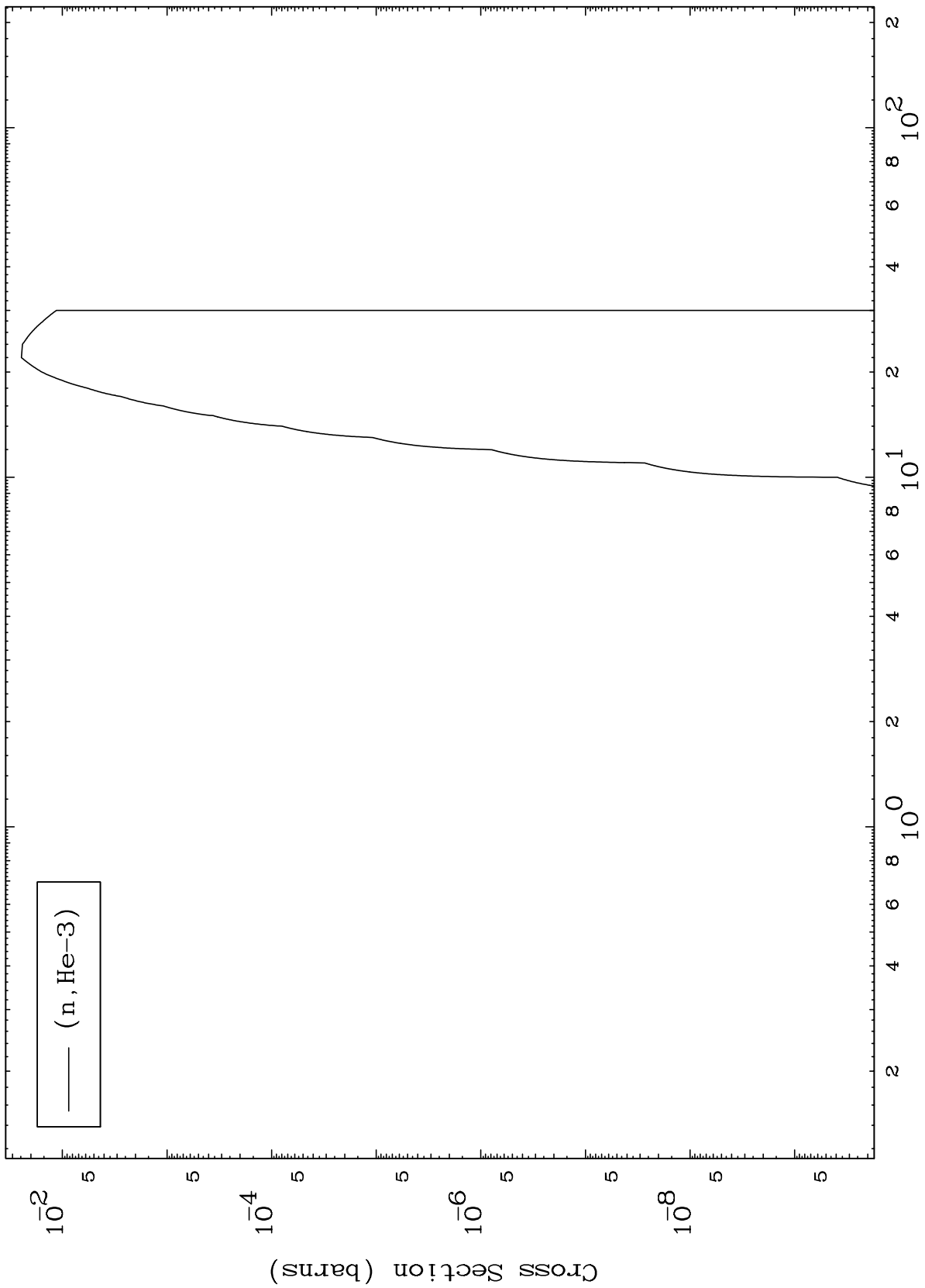
41-Nb-95m

MAT 4132

(He-3, He3) Levels

41-Nb-95m

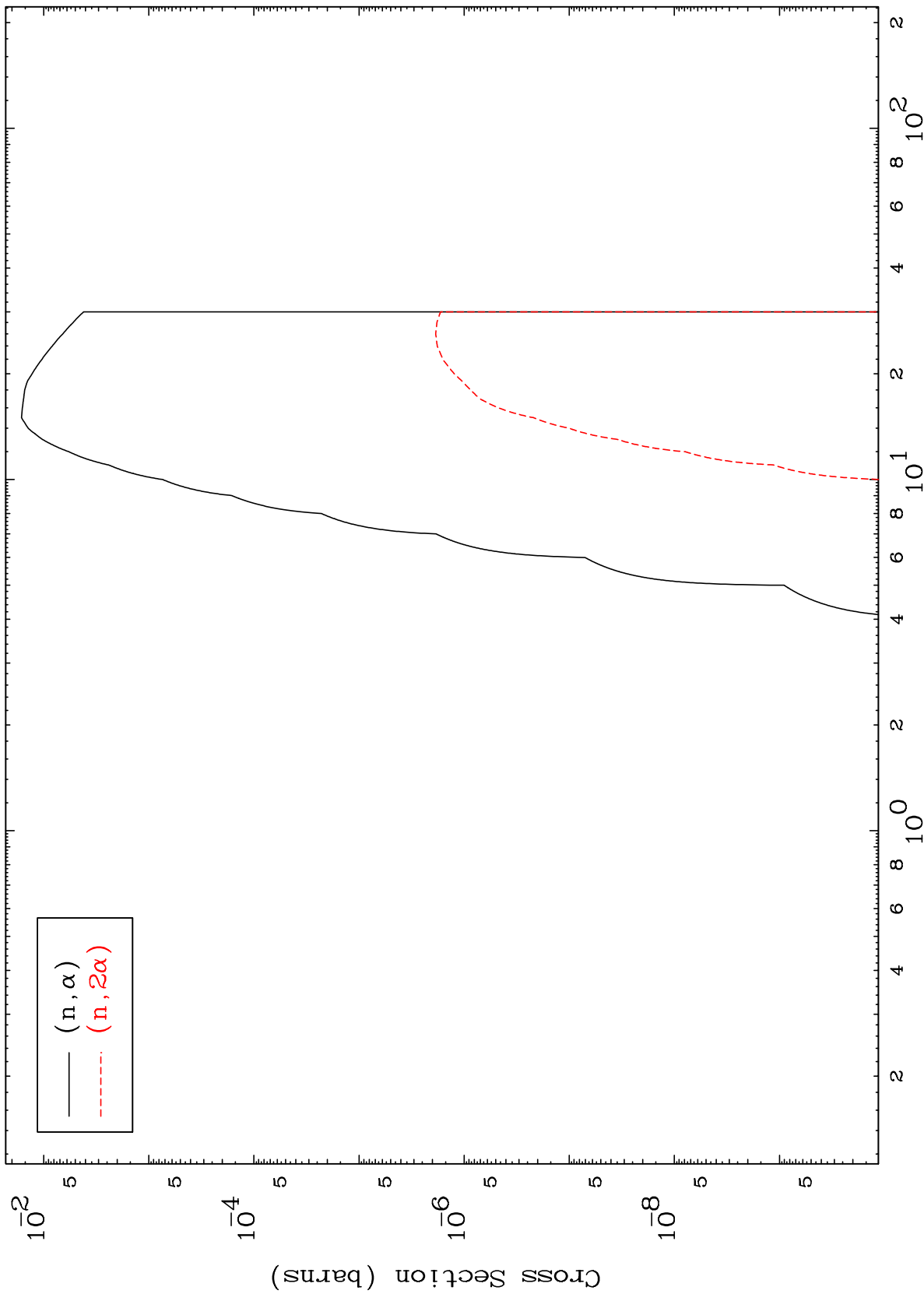
0 Kelvin Cross Sections



MAT 4132

41-Nb-95m

(He-3, α) Levels
0 Kelvin Cross Sections



12

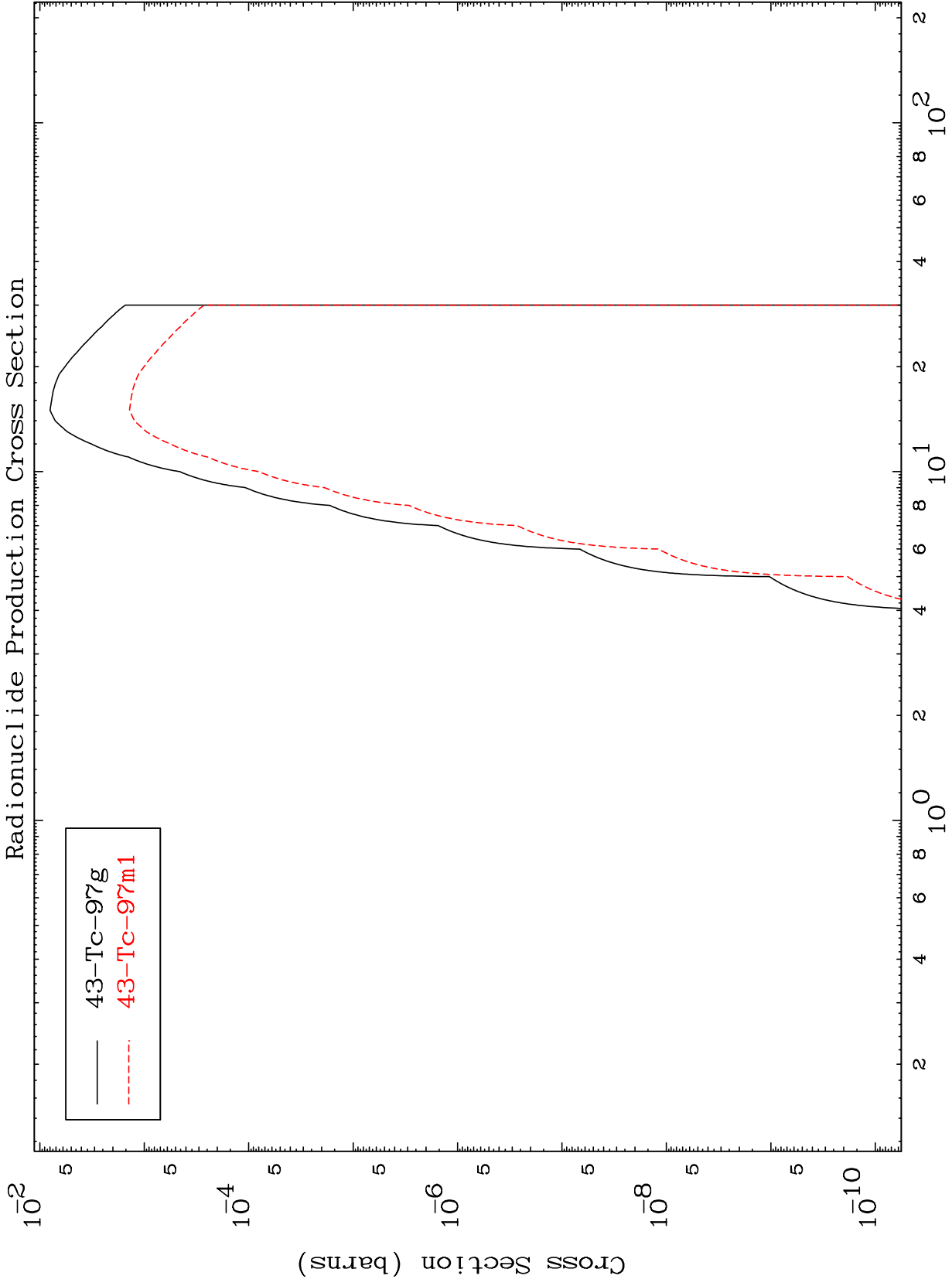
41-Nb-95m

Incident Energy (MeV)

MAT 4132

Inelastic
Radionuclide Production Cross Section

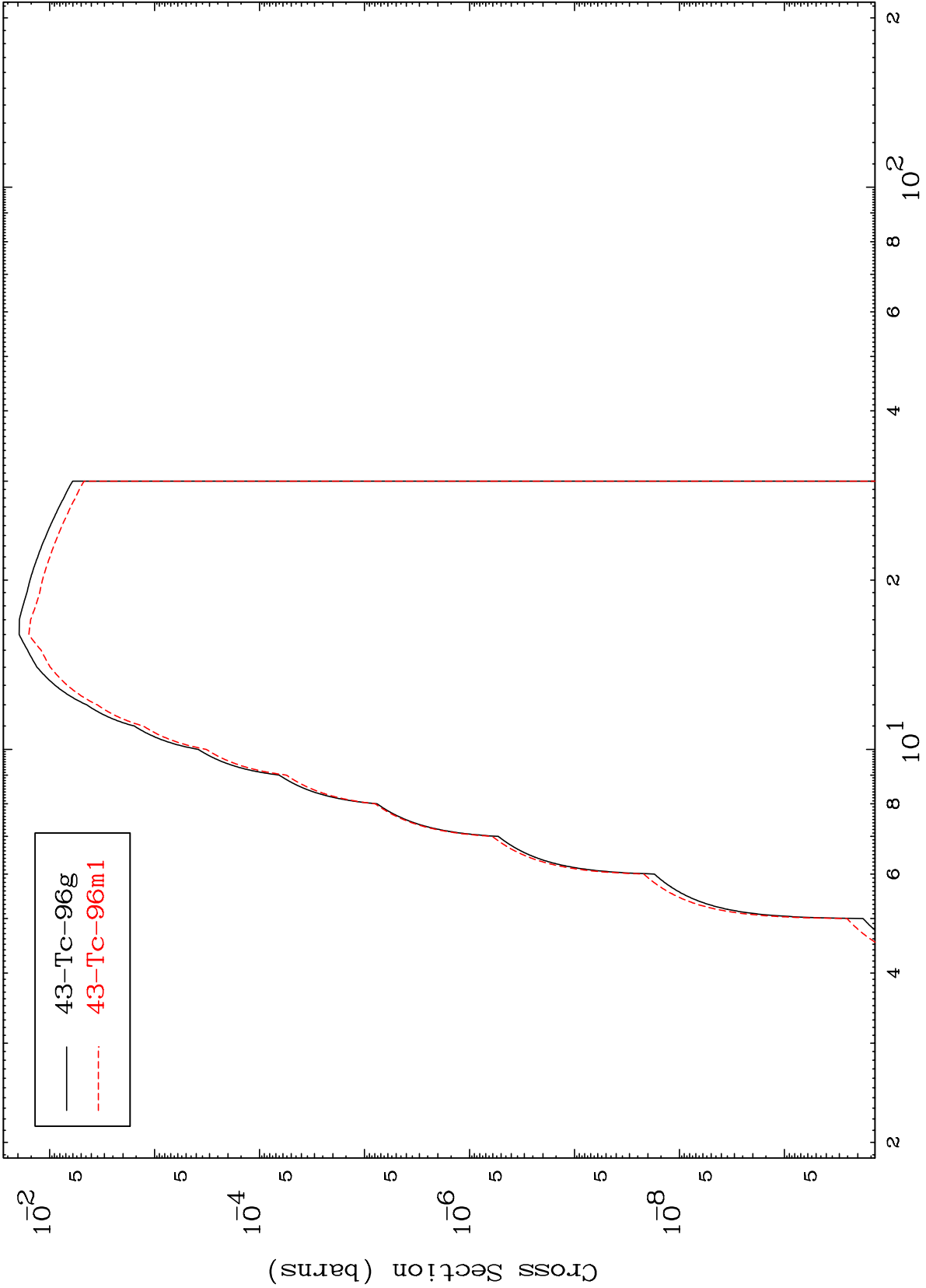
41-Nb-95m



MAT 4132

41-Nb-95m

Radionuclide Production Cross Section
(n,2n)



14

Incident Energy (MeV)

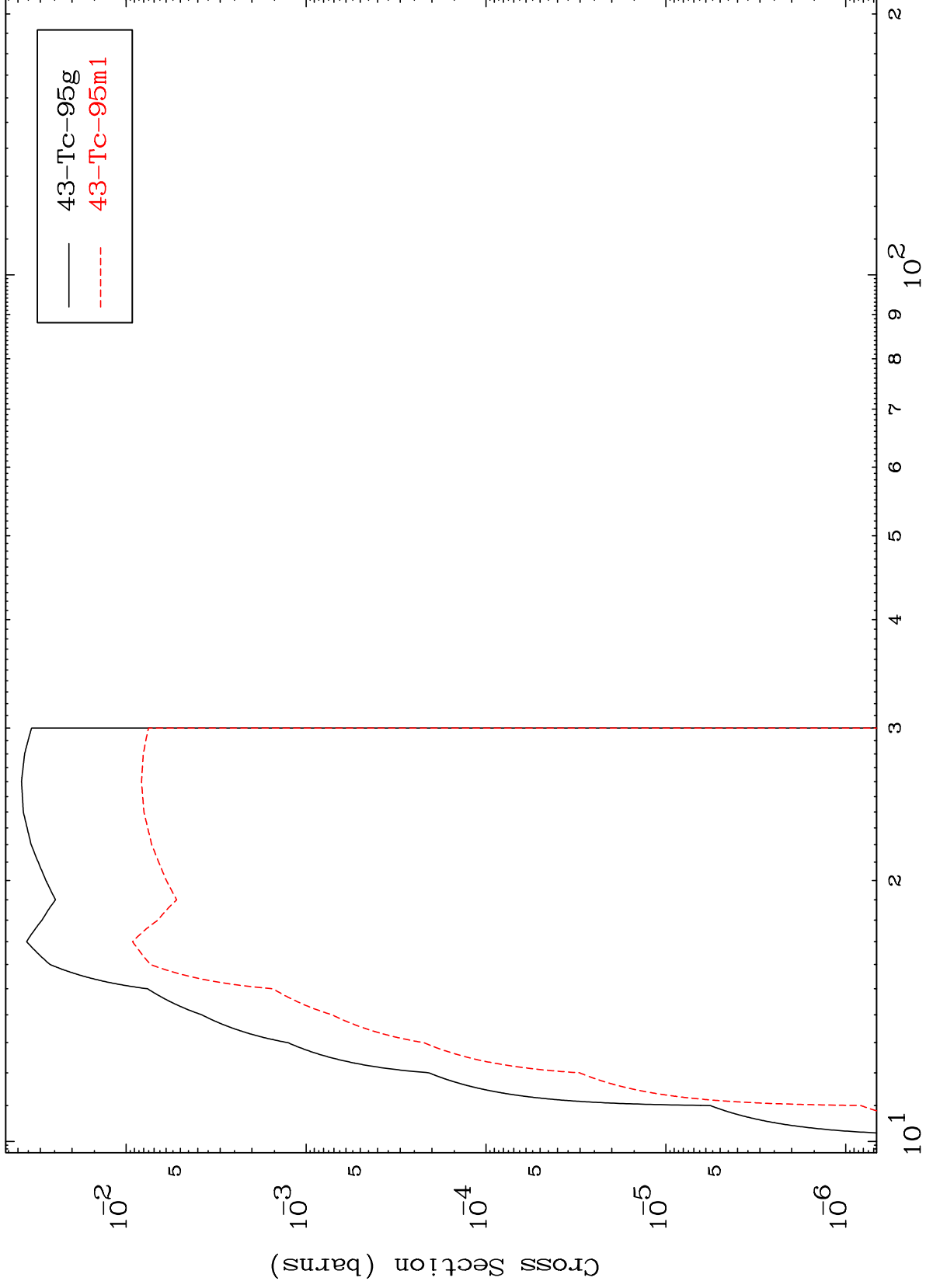
41-Nb-95m

MAT 4132

(n,3n)

41-Nb-95m

Radionuclide Production Cross Section



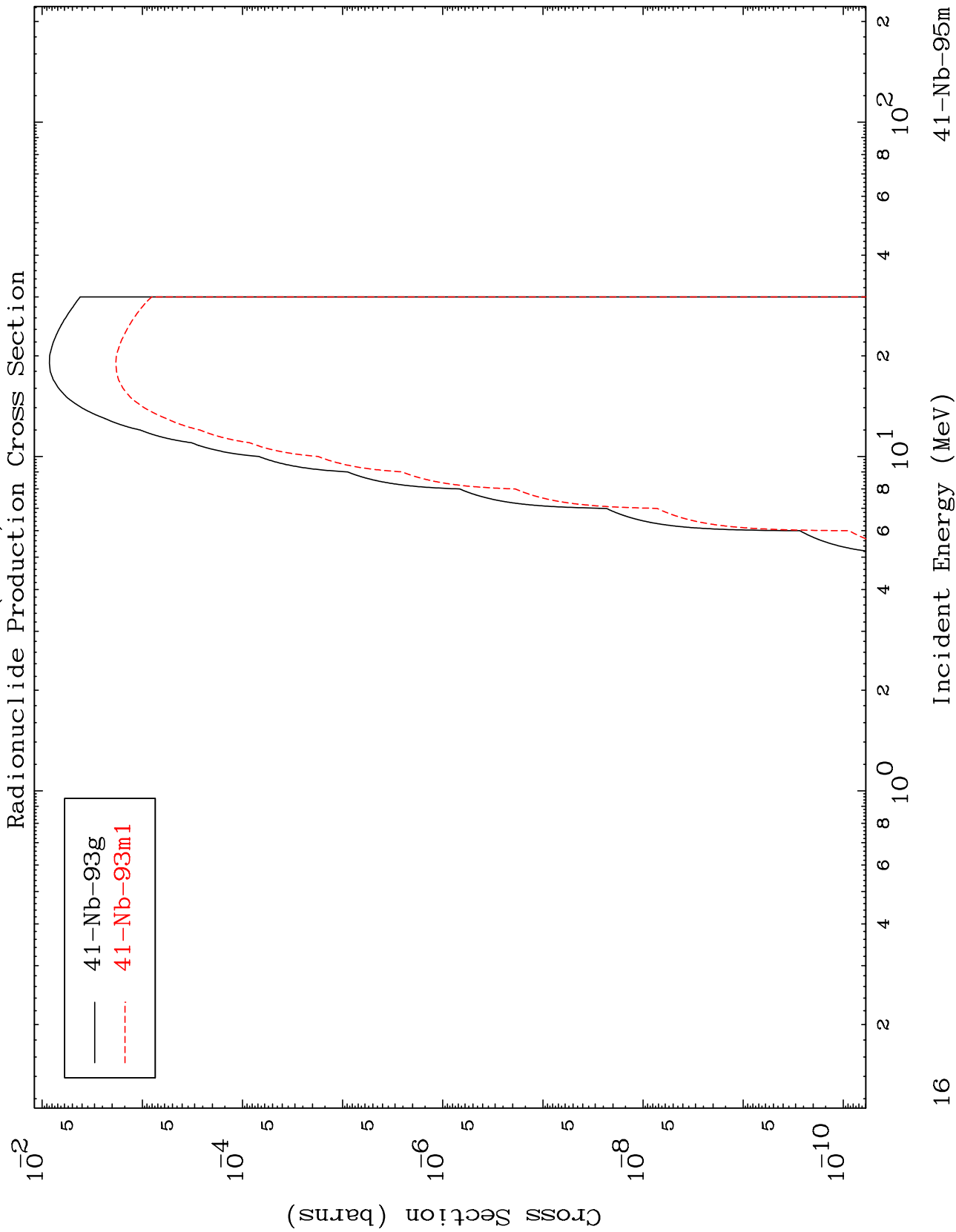
41-Nb-95m

Incident Energy (MeV)

MAT 4132

$(n, n') \alpha$

41-Nb-95m

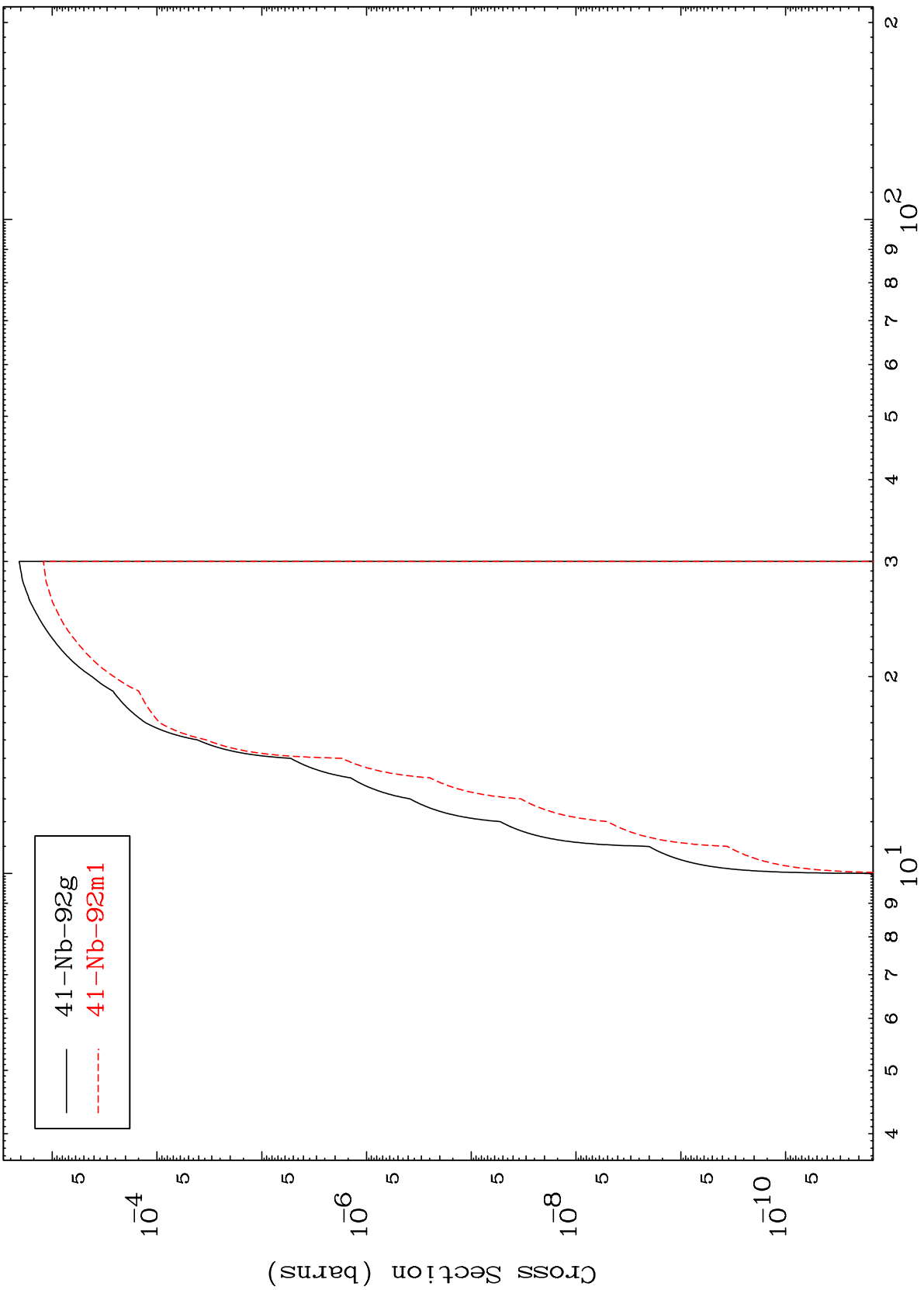


MAT 4132

$(n,2n) \alpha$

41-Nb-95m

Radionuclide Production Cross Section



41-Nb-92g
41-Nb-92m1

17

Incident Energy (MeV)

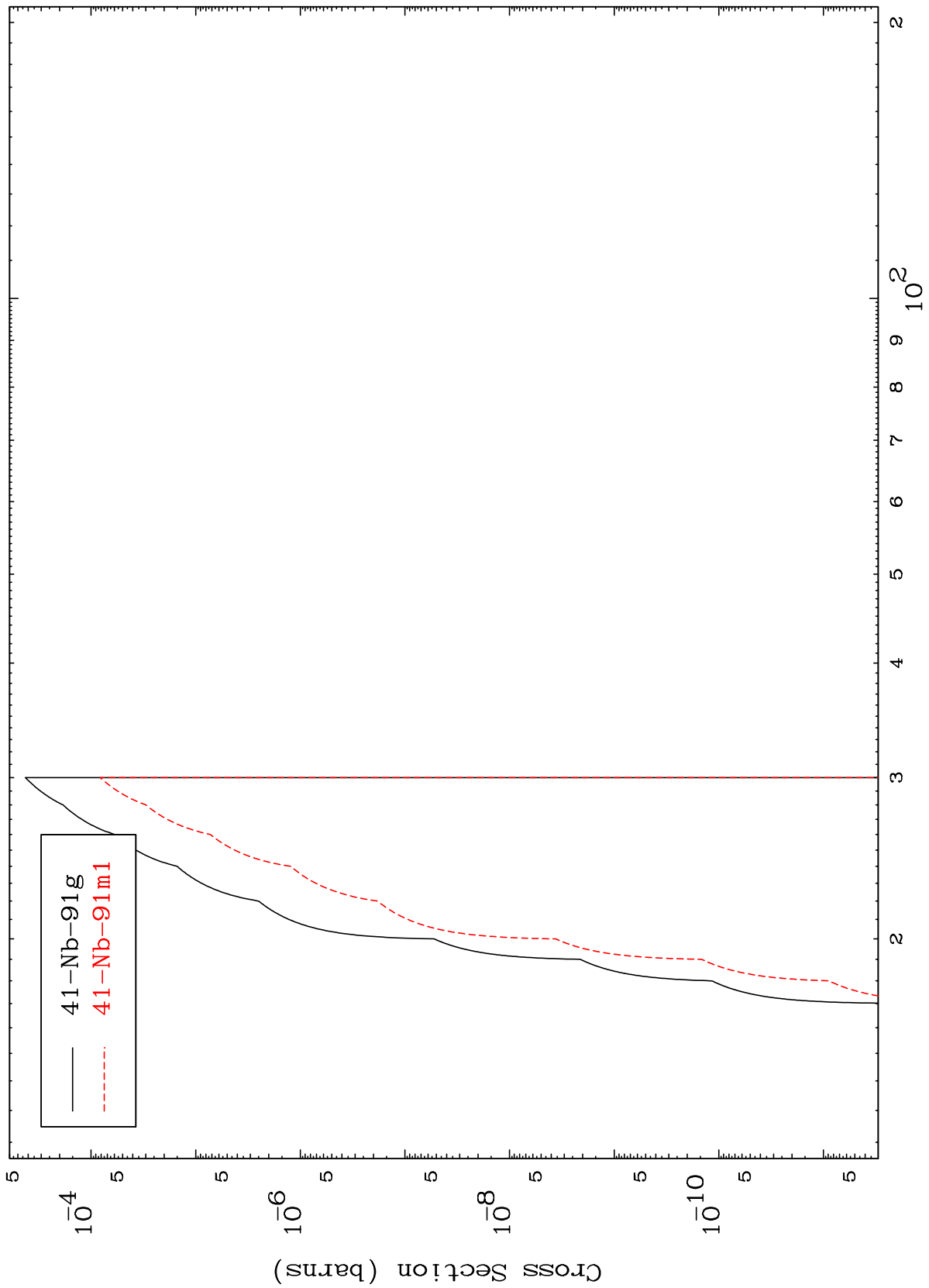
41-Nb-95m

MAT 4132

(n,3n) α

41-Nb-95m

Radionuclide Production Cross Section

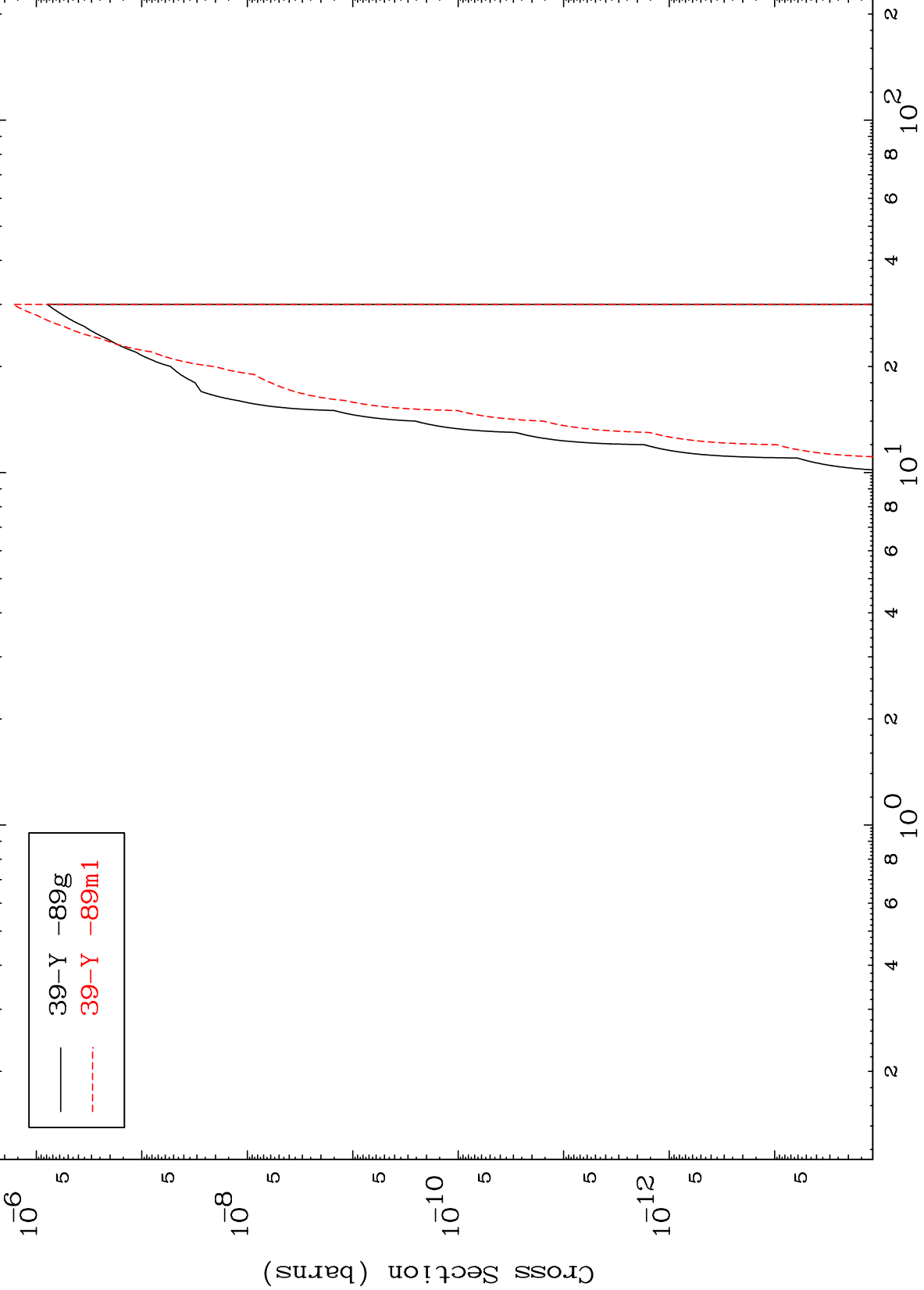


MAT 4132

(n,n') 2α

41-Nb-95m

Radionuclide Production Cross Section

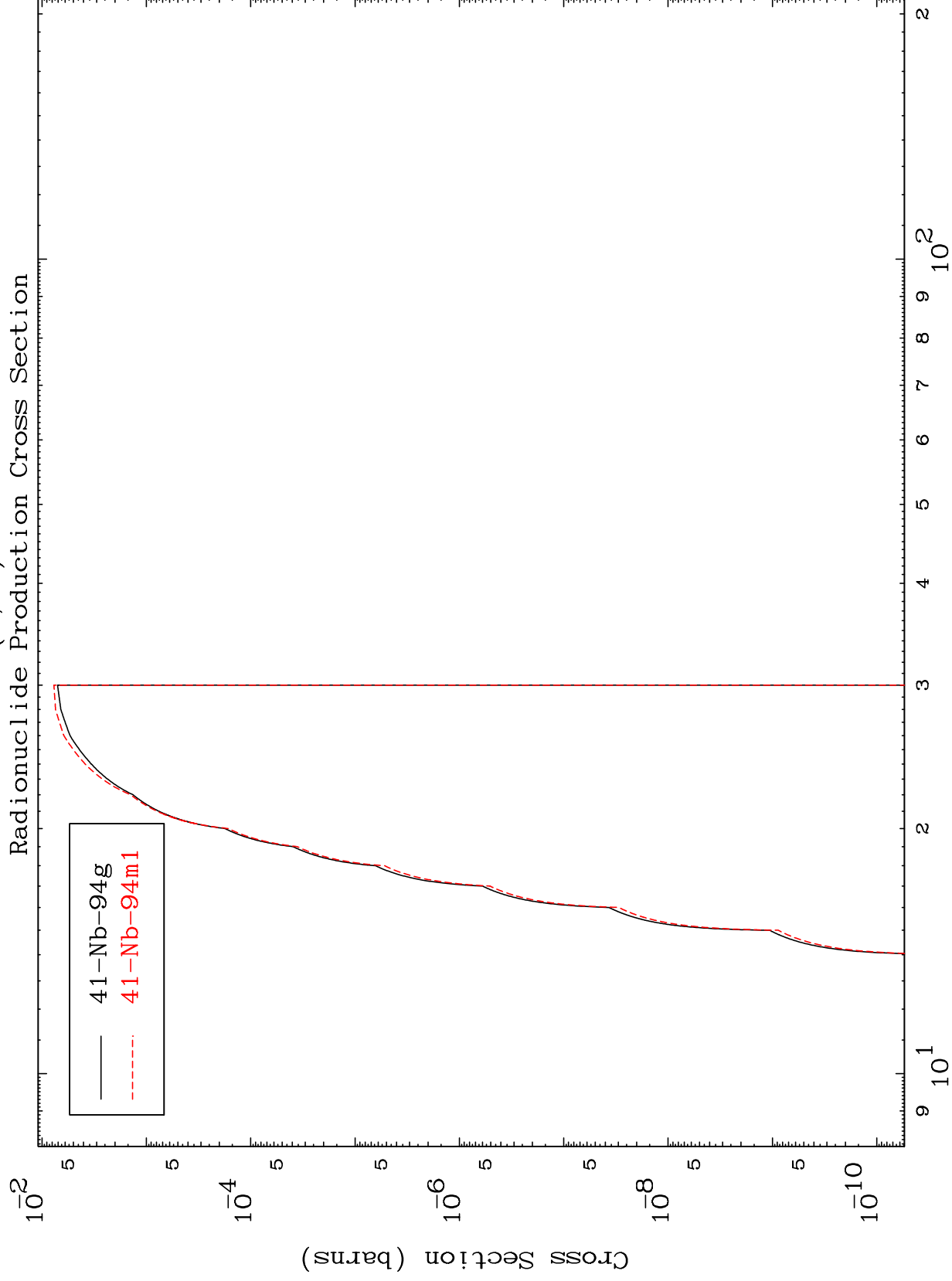


— 39-Y -89g
- - - 39-Y -89m1

MAT 4132

(n,n') He-3

41-Nb-95m



20

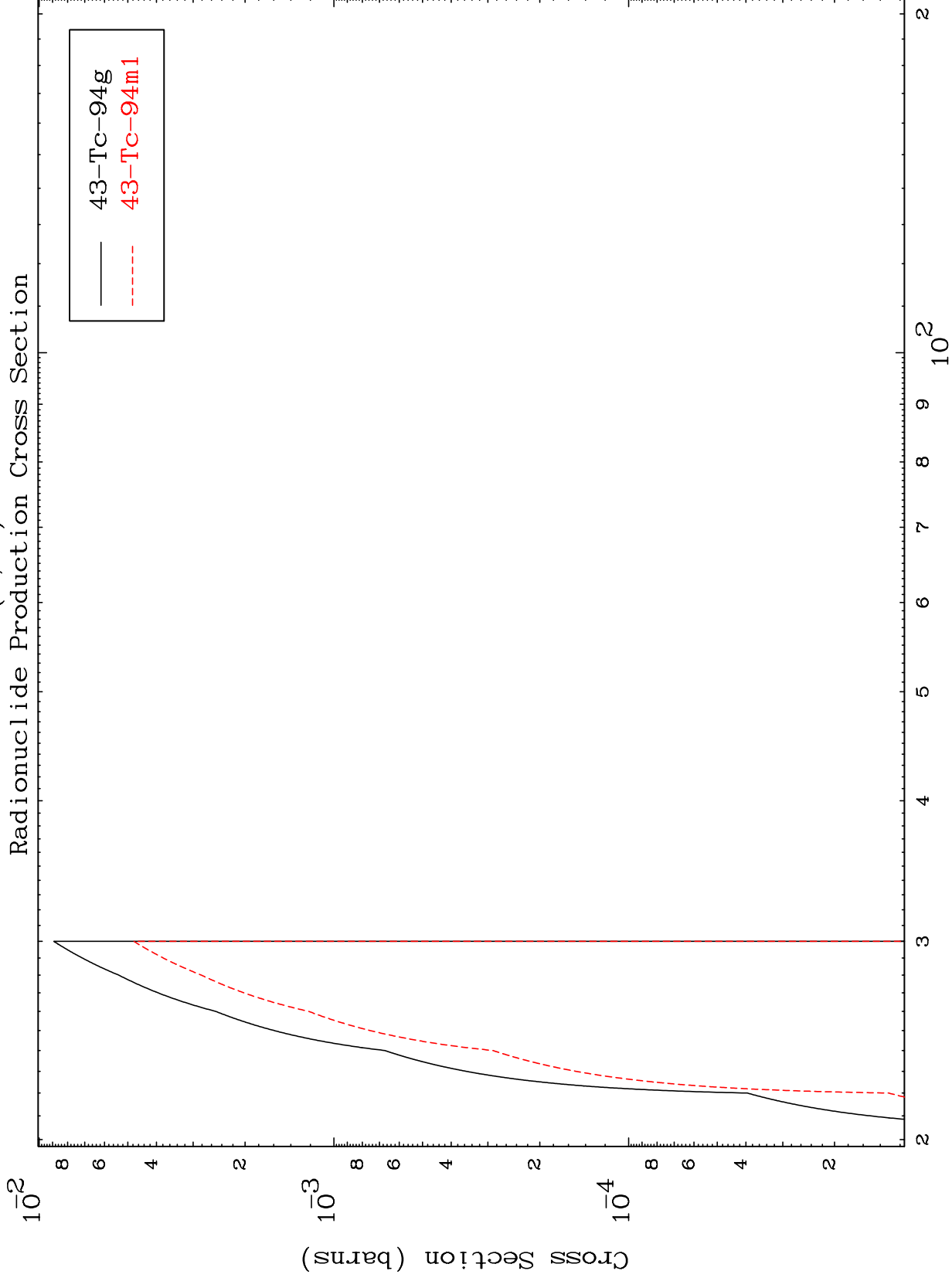
Incident Energy (MeV)

41-Nb-95m

MAT 4132

(n,4n)

41-Nb-95m



21

Incident Energy (MeV)

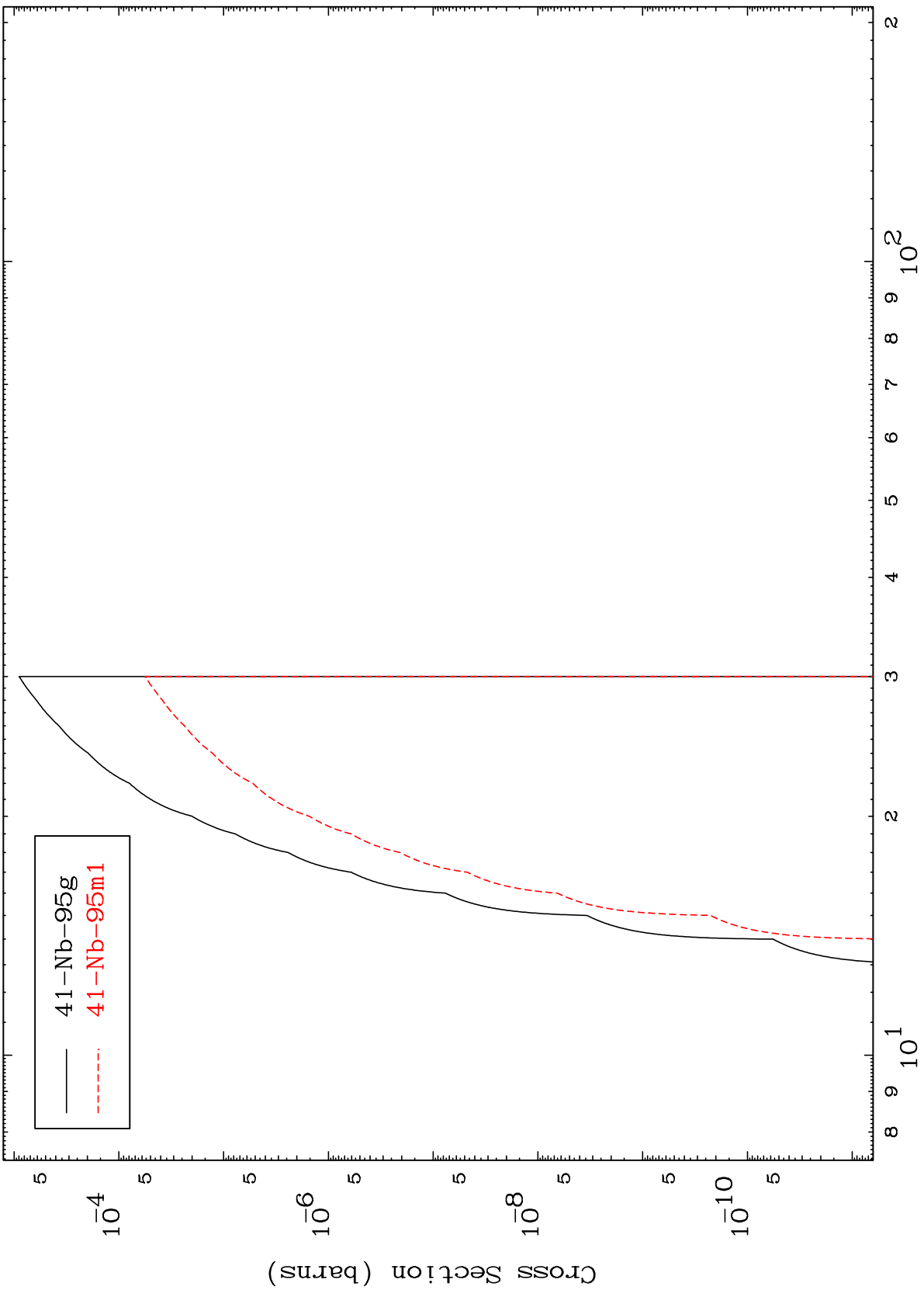
41-Nb-95m

MAT 4132

(n,2n) p

41-Nb-95m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

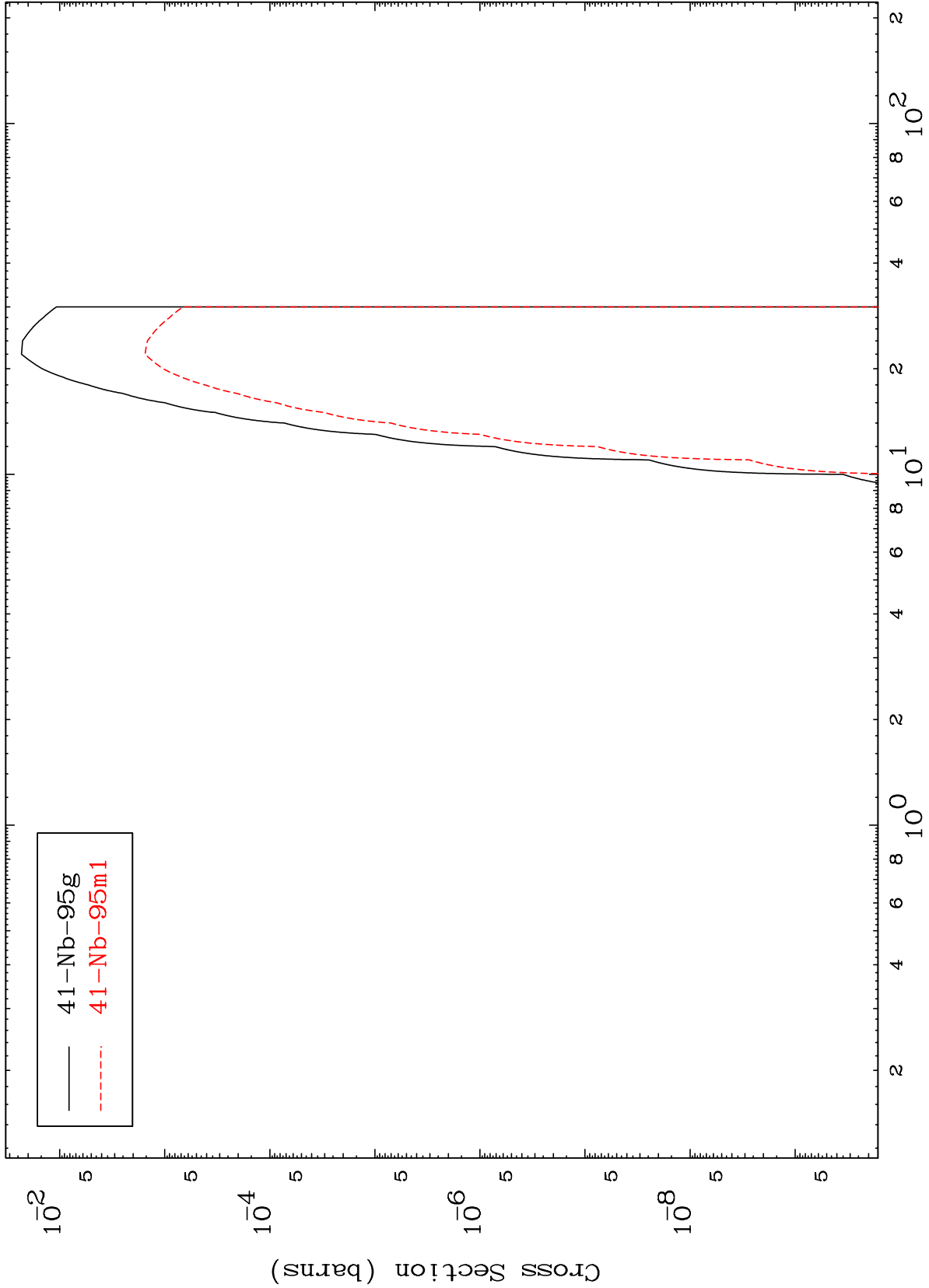
41-Nb-95m

MAT 4132

(n,He-3)

41-Nb-95m

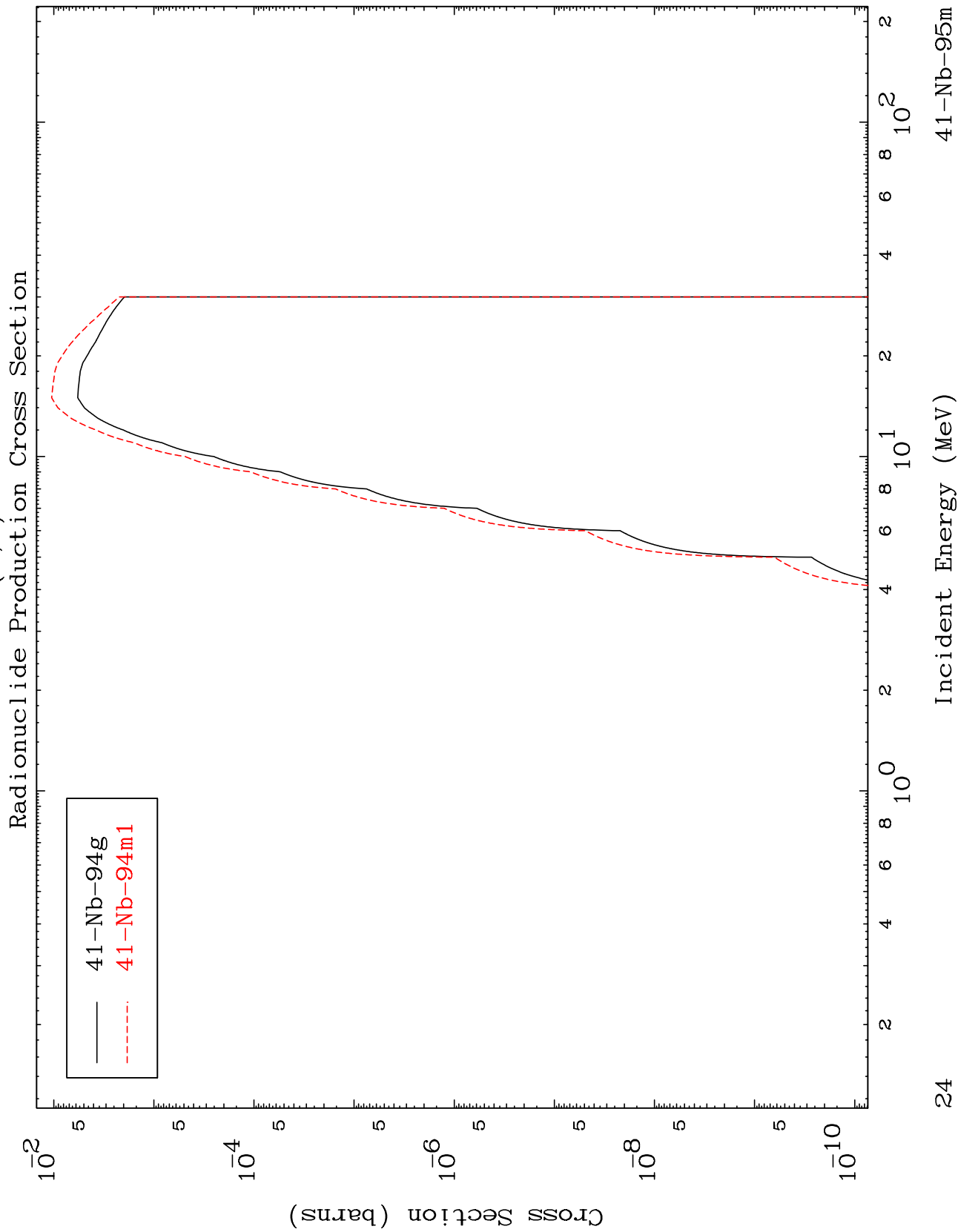
Radionuclide Production Cross Section



MAT 4132

(n, α)

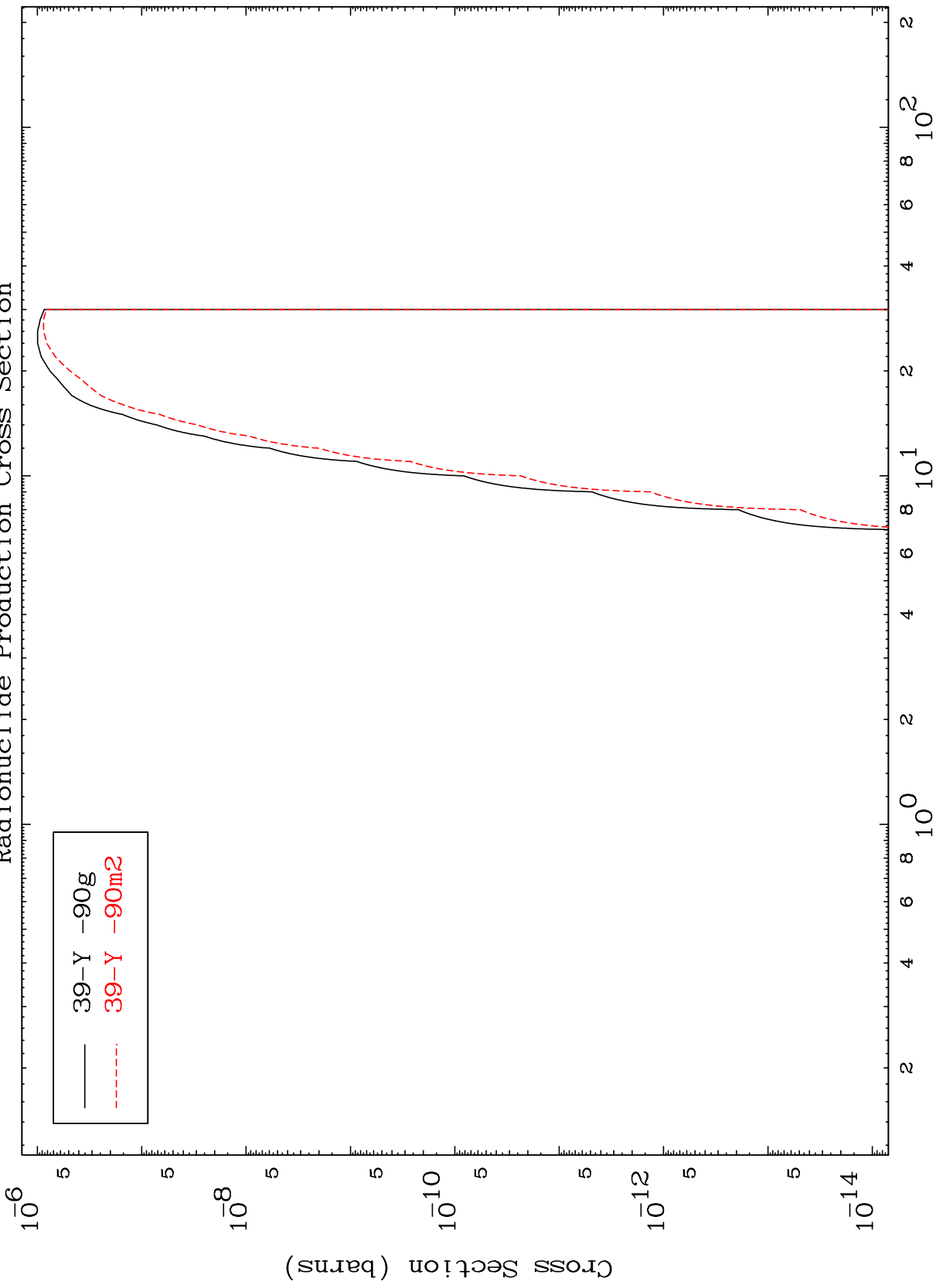
41-Nb-95m



MAT 4132

41-Nb-95m

Radionuclide Production Cross Section
(n,2α)



25

Incident Energy (MeV)

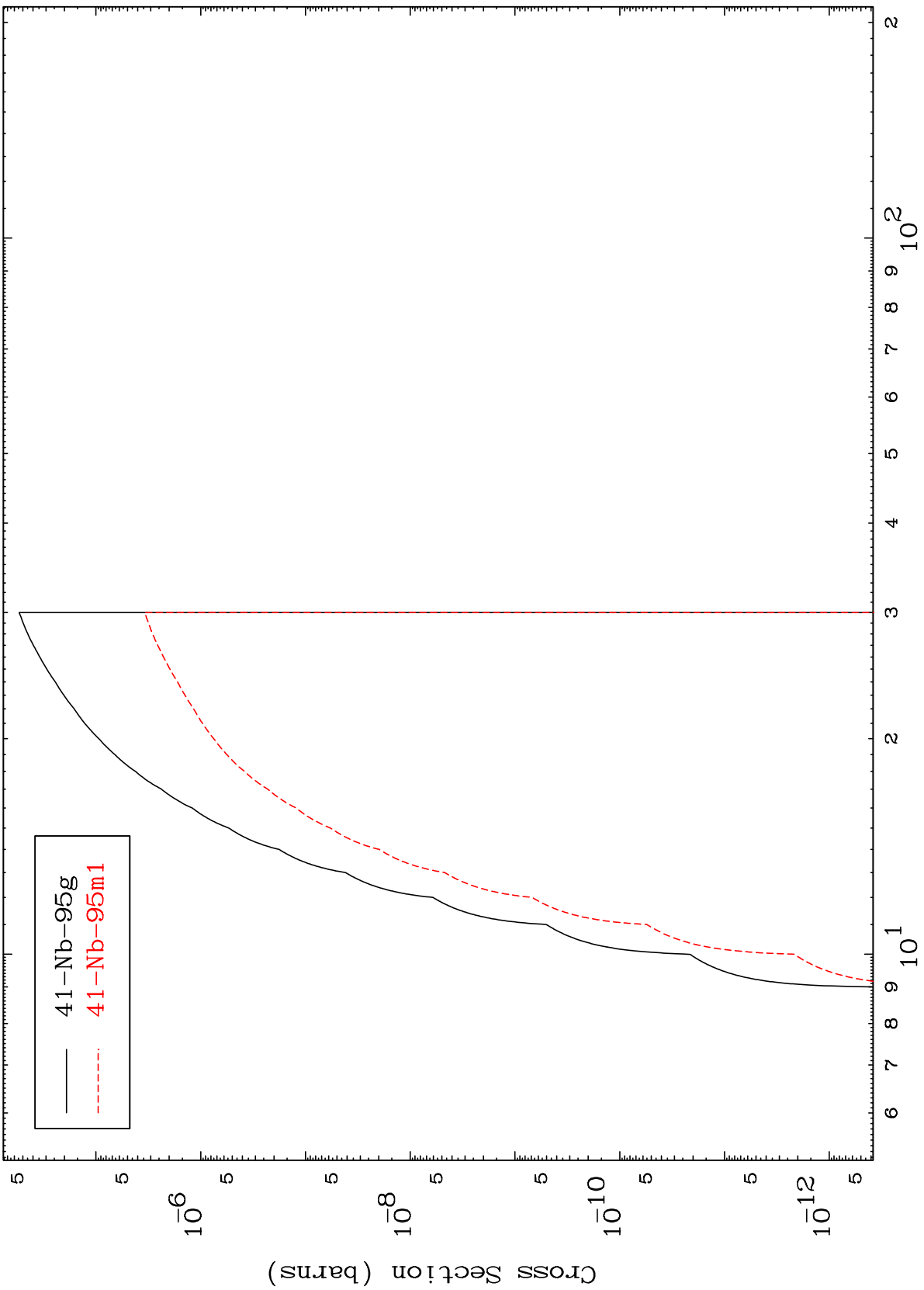
41-Nb-95m

MAT 4132

(n,p) d

41-Nb-95m

Radionuclide Production Cross Section



Legend:
— 41-Nb-95g
- - - 41-Nb-95m1

26

Incident Energy (MeV)

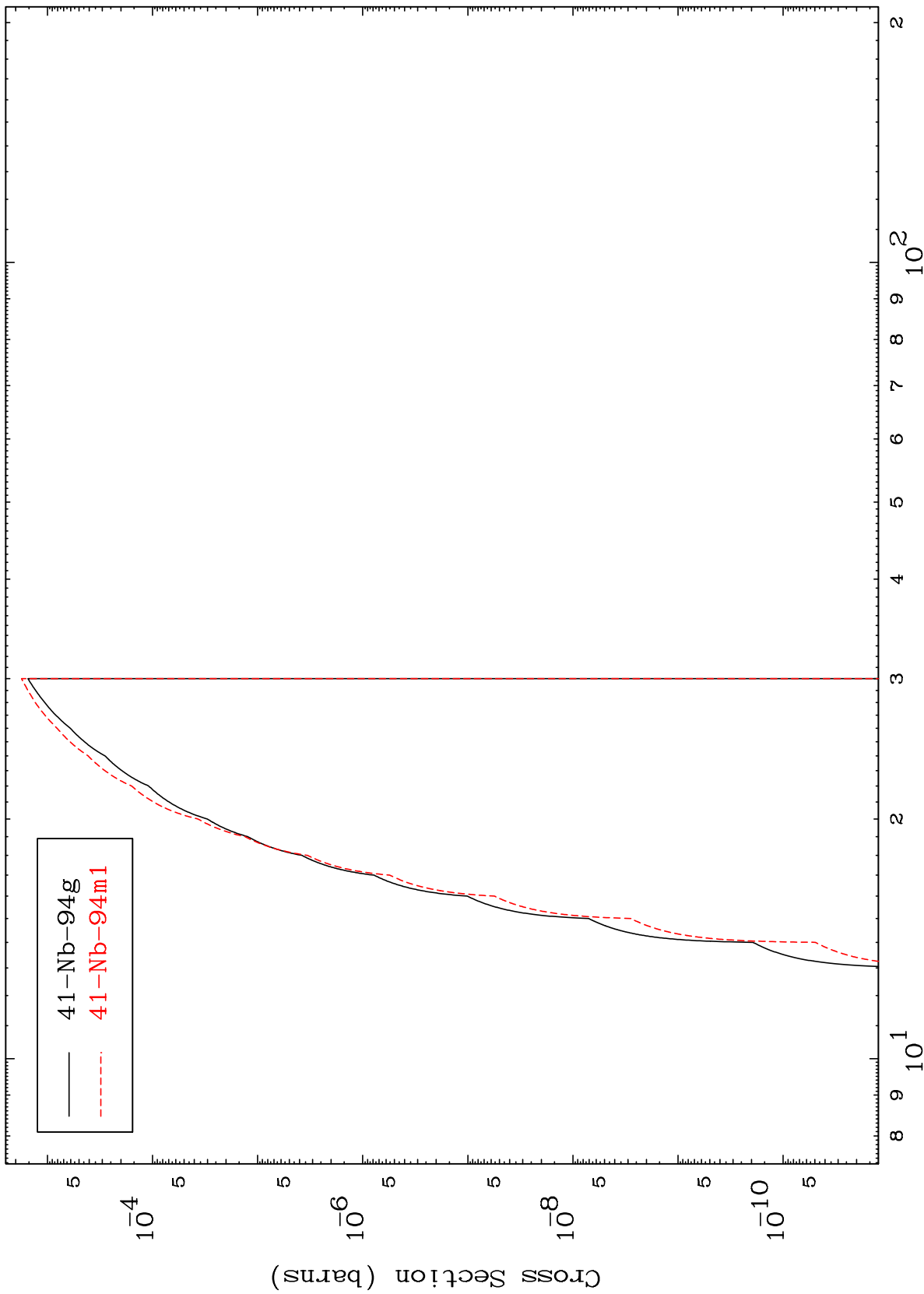
41-Nb-95m

MAT 4132

(n,p) t

41-Nb-95m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

41-Nb-95m