

Program EVALPLOT
(Version 2018-1)

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

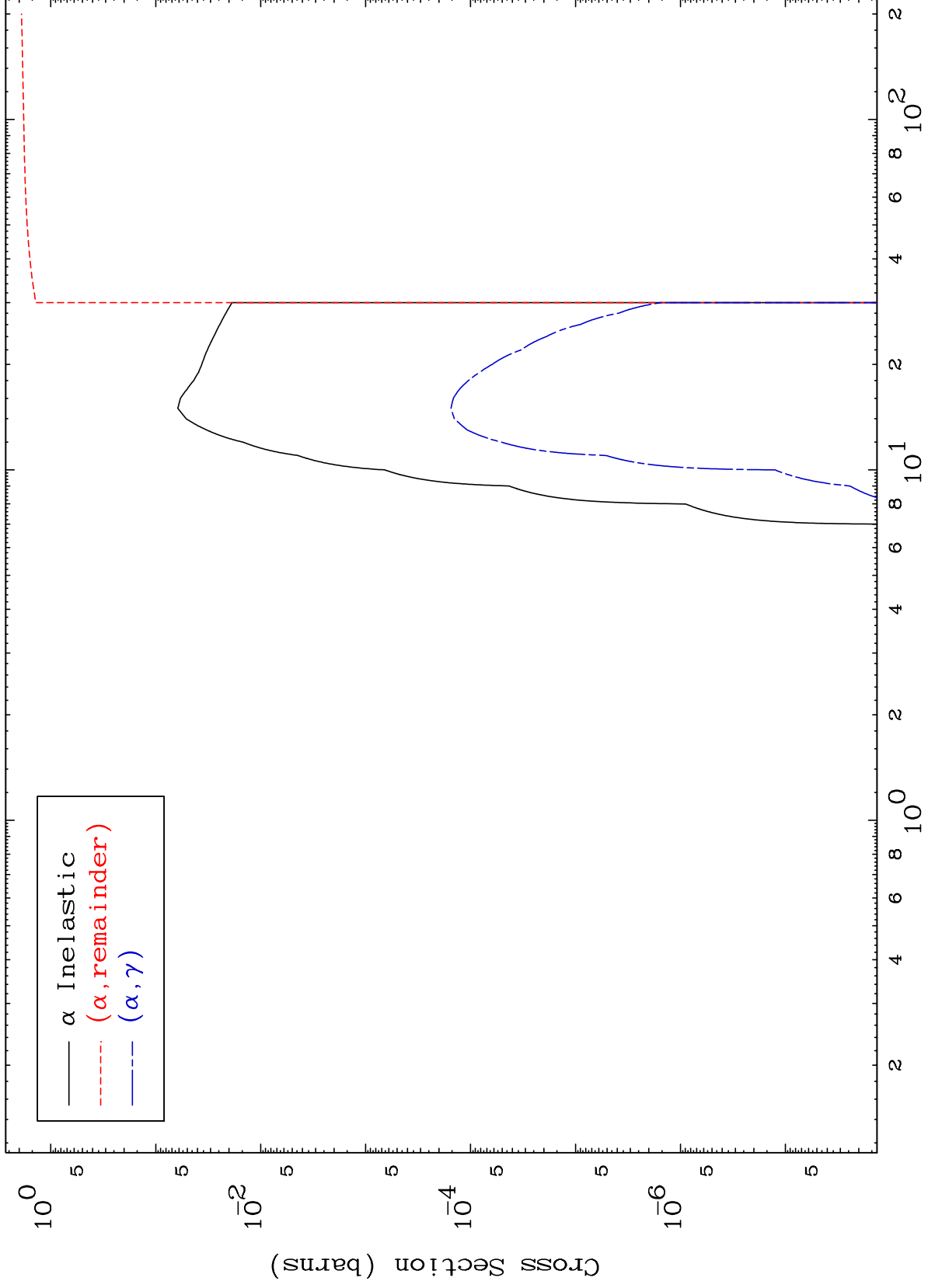
Press Mouse Button to Start

MAT 4111

α Major

41-Nb-88

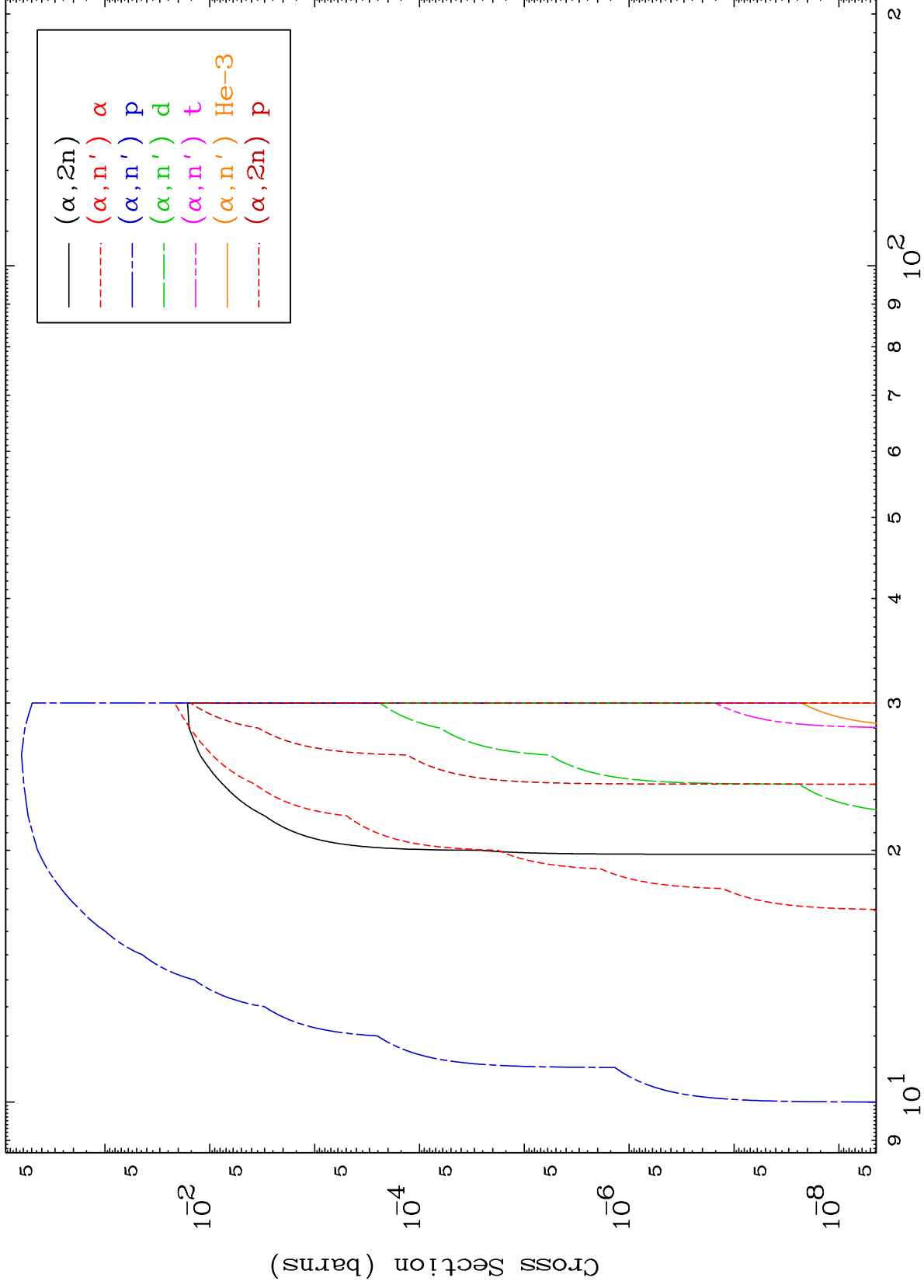
0 Kelvin Cross Sections



MAT 4111

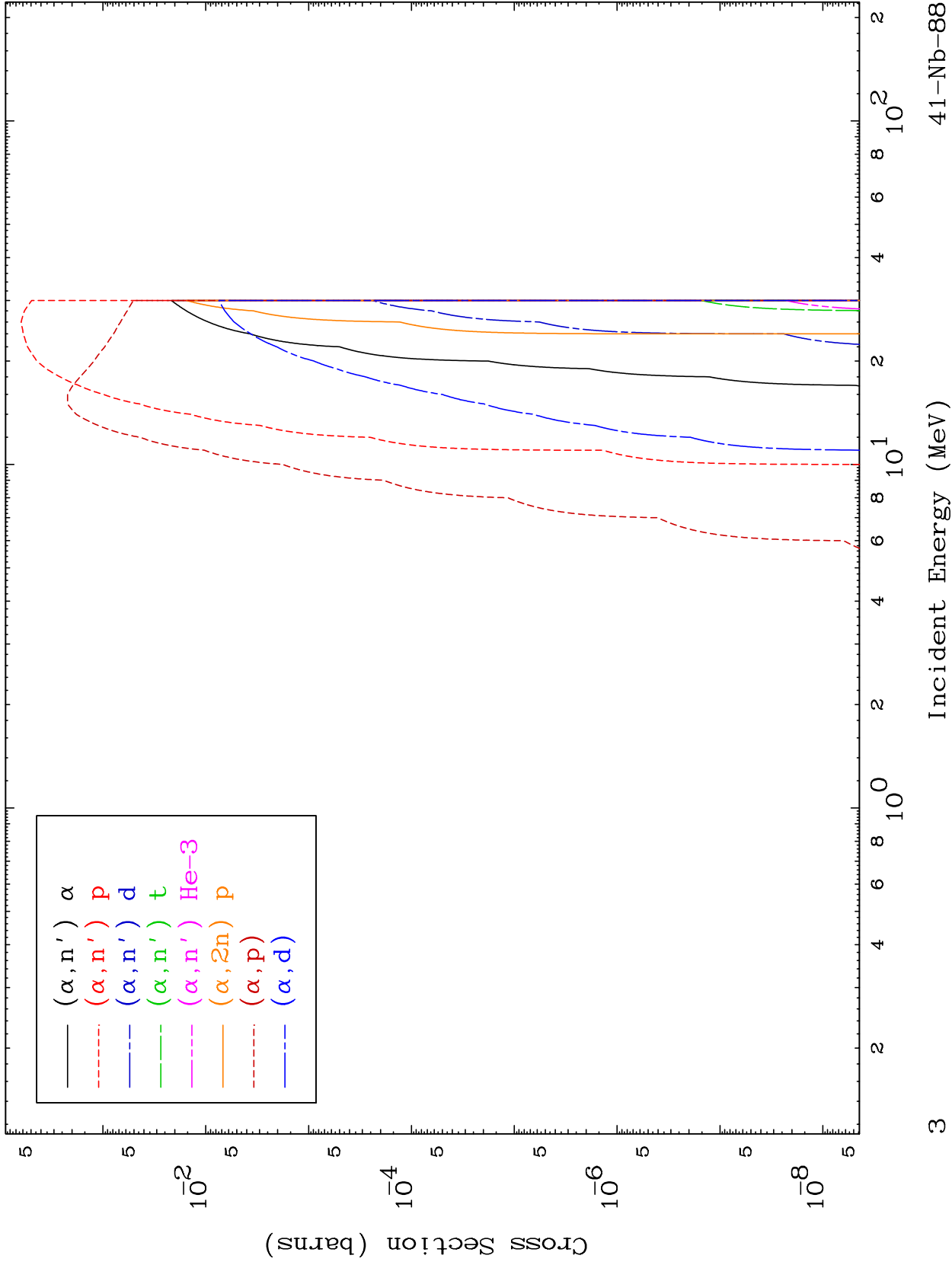
α Neutron Production
0 Kelvin Cross Sections

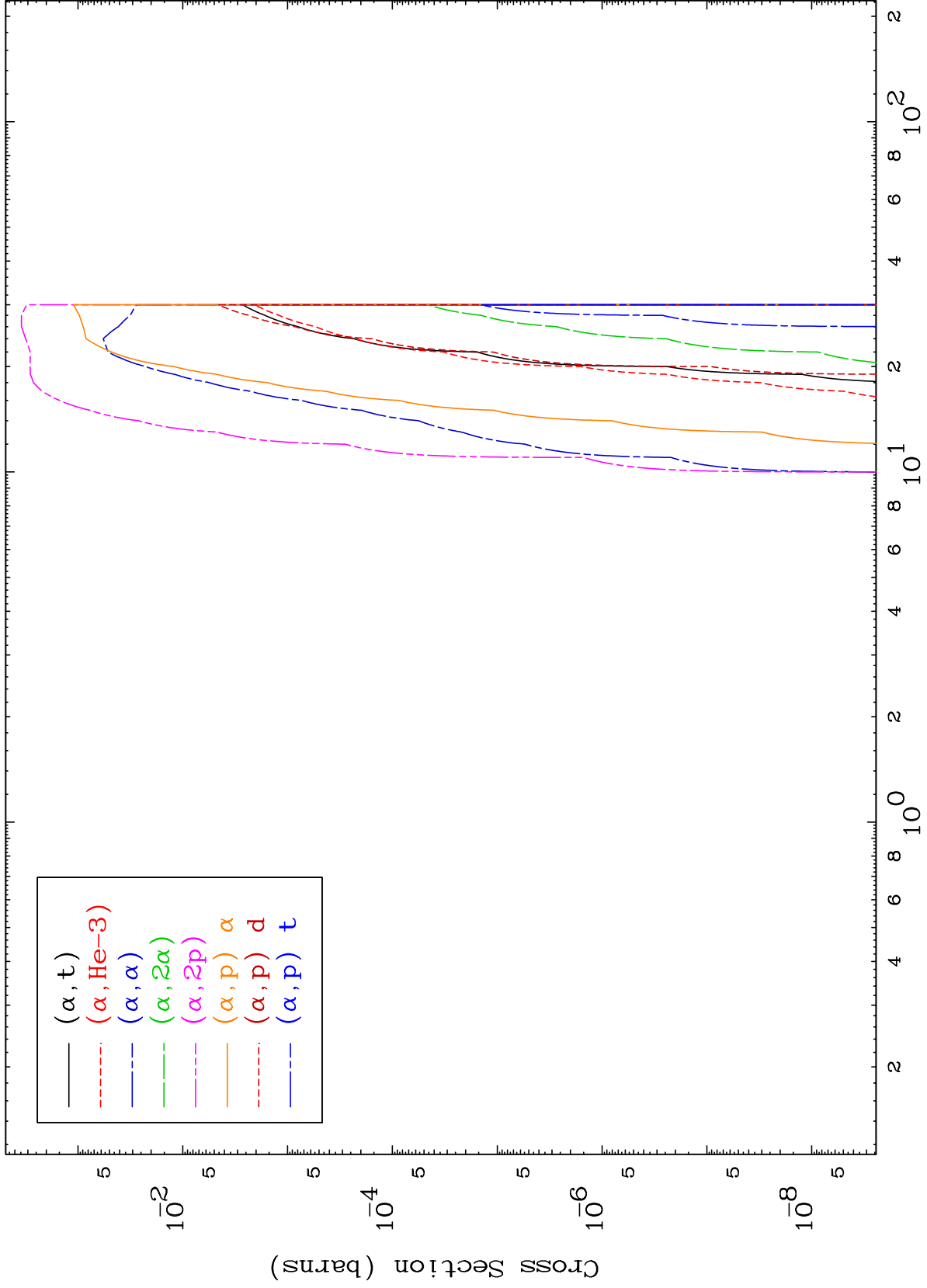
41-Nb-88



Incident Energy (MeV)

41-Nb-88

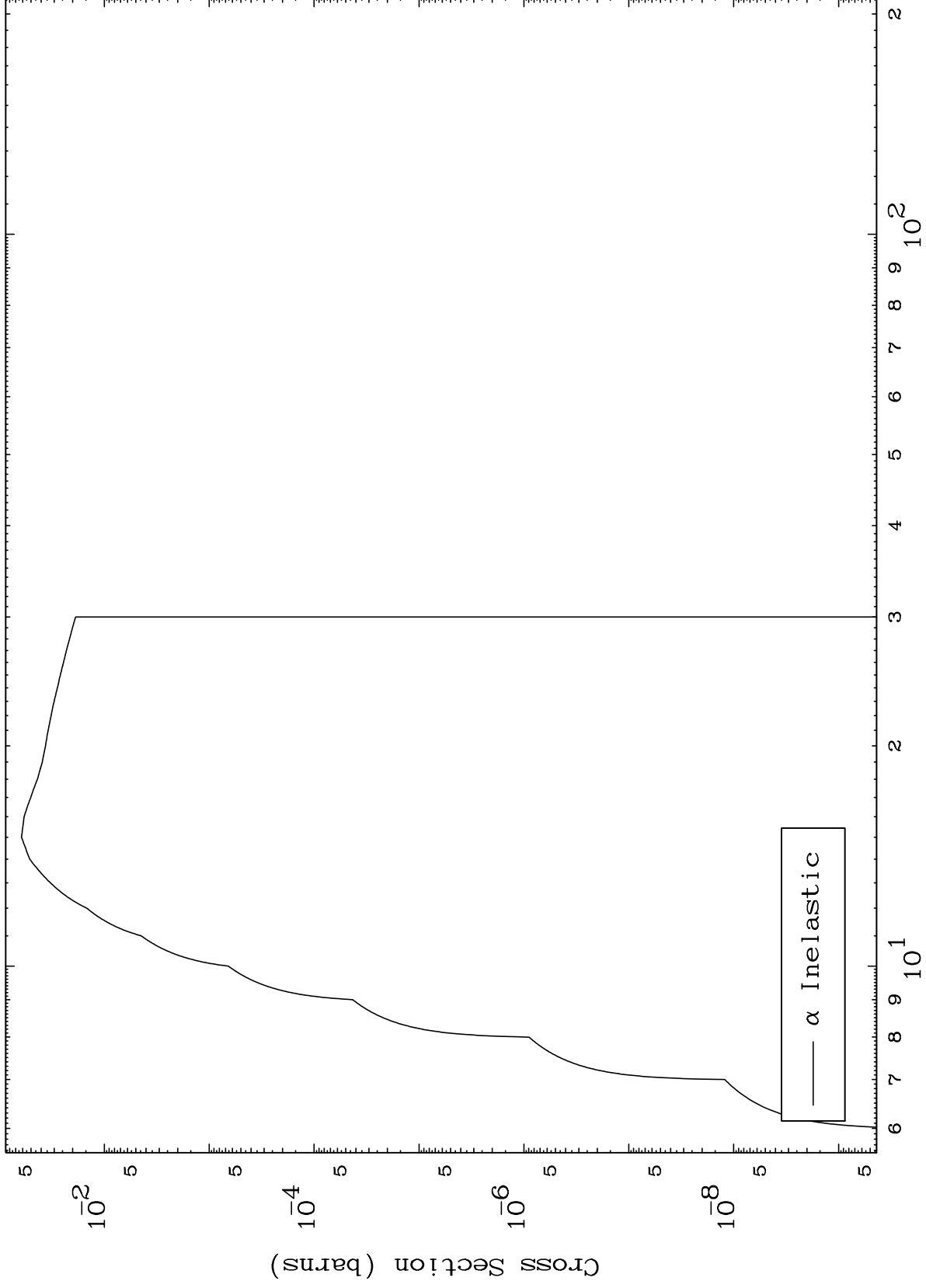




MAT 4111

(α, n') Level
0 Kelvin Cross Sections

41-Nb-88



5

Incident Energy (MeV)

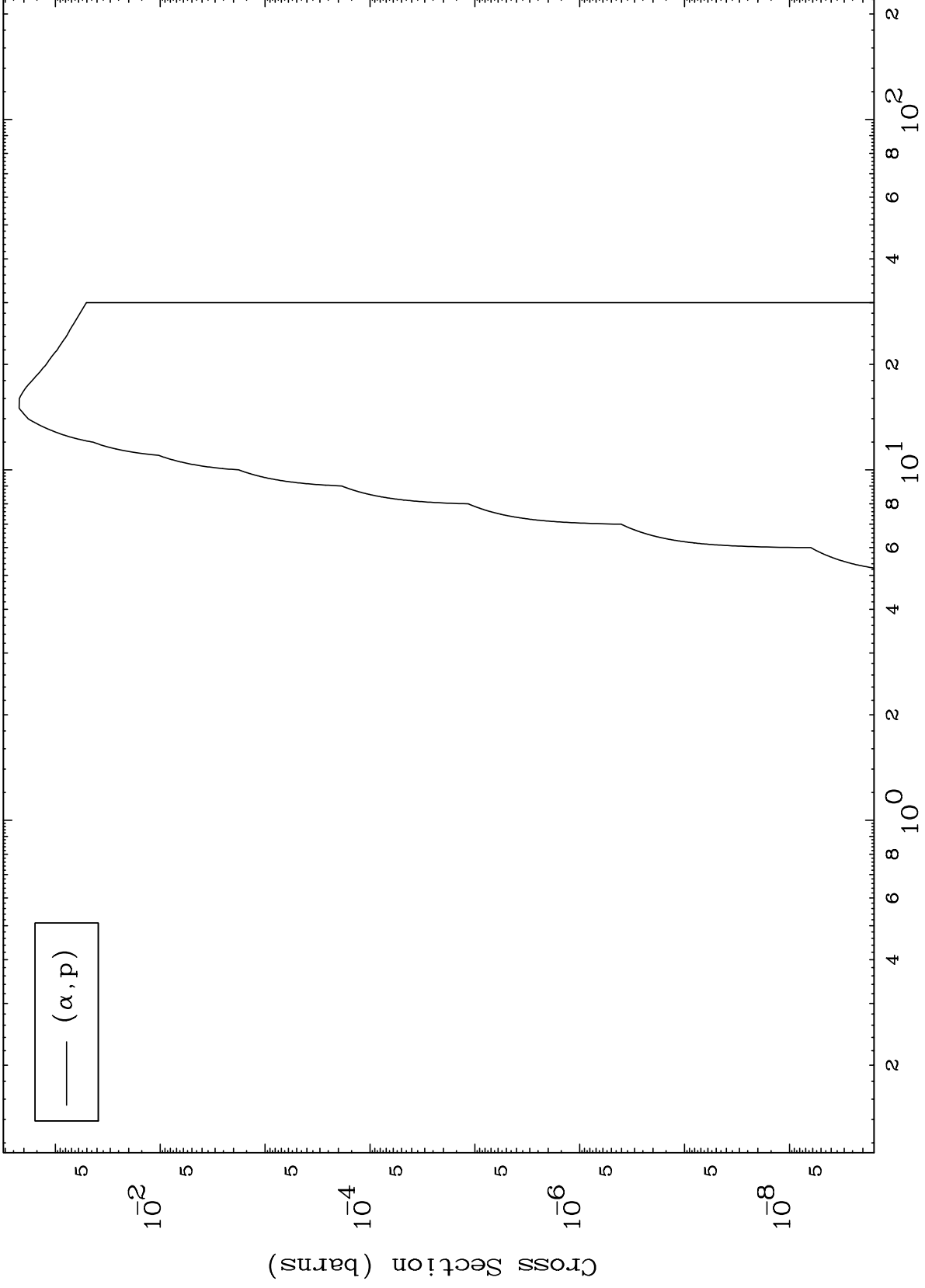
41-Nb-88

MAT 4111

(α, p) Levels

41-Nb-88

0 Kelvin Cross Sections



6

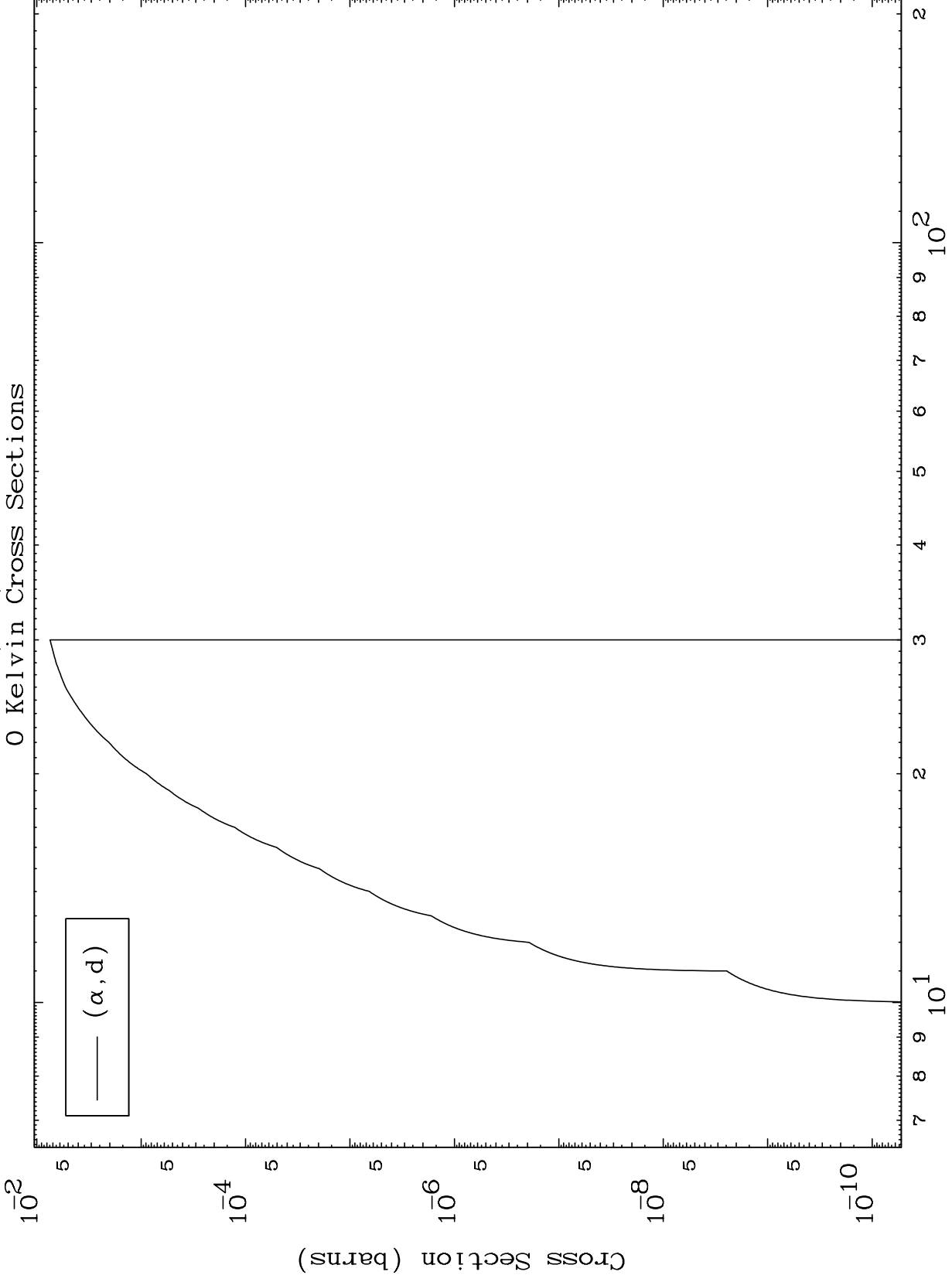
Incident Energy (MeV)

41-Nb-88

MAT 4111

(α, d) Levels

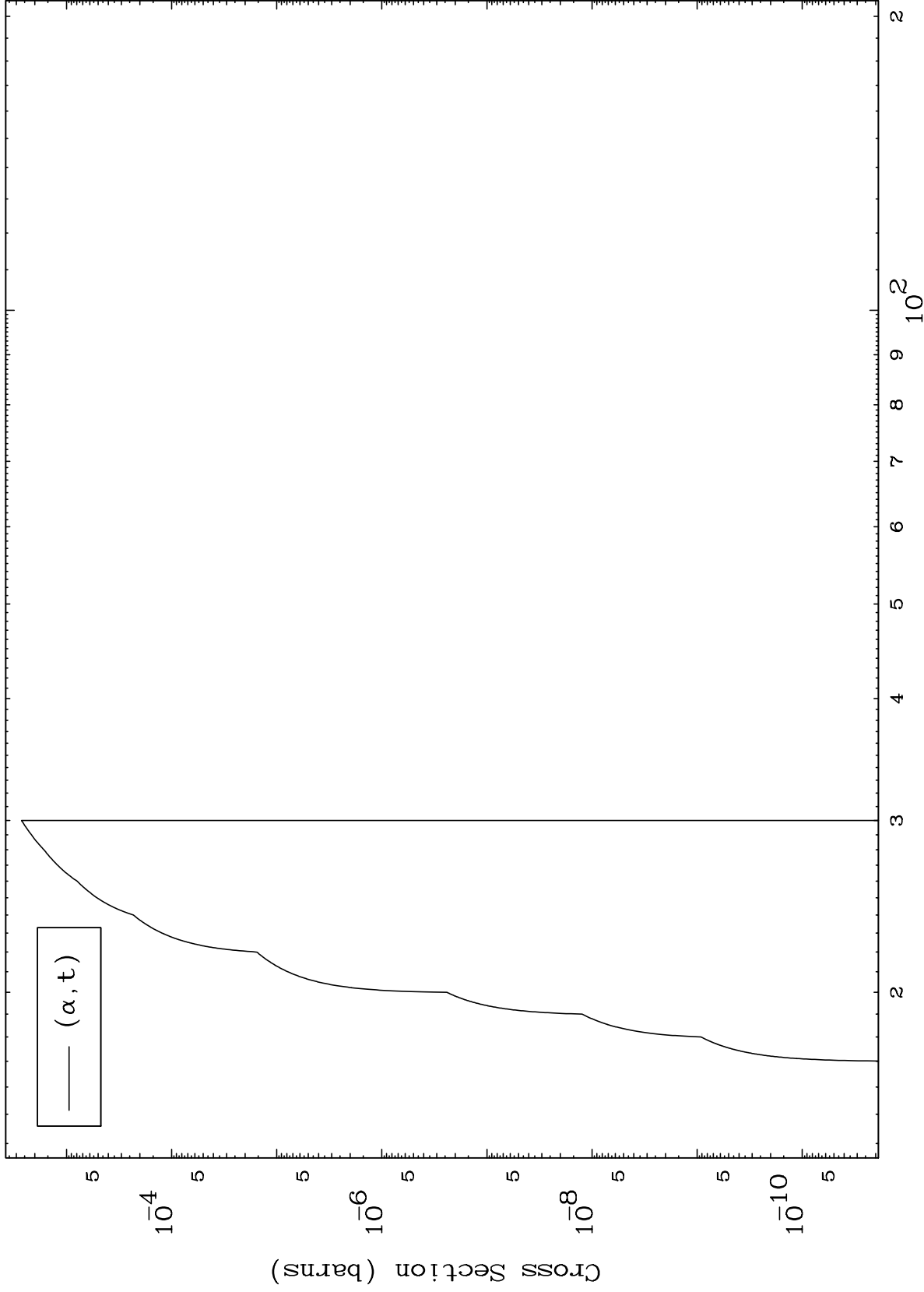
41-Nb-88



7

Incident Energy (MeV)

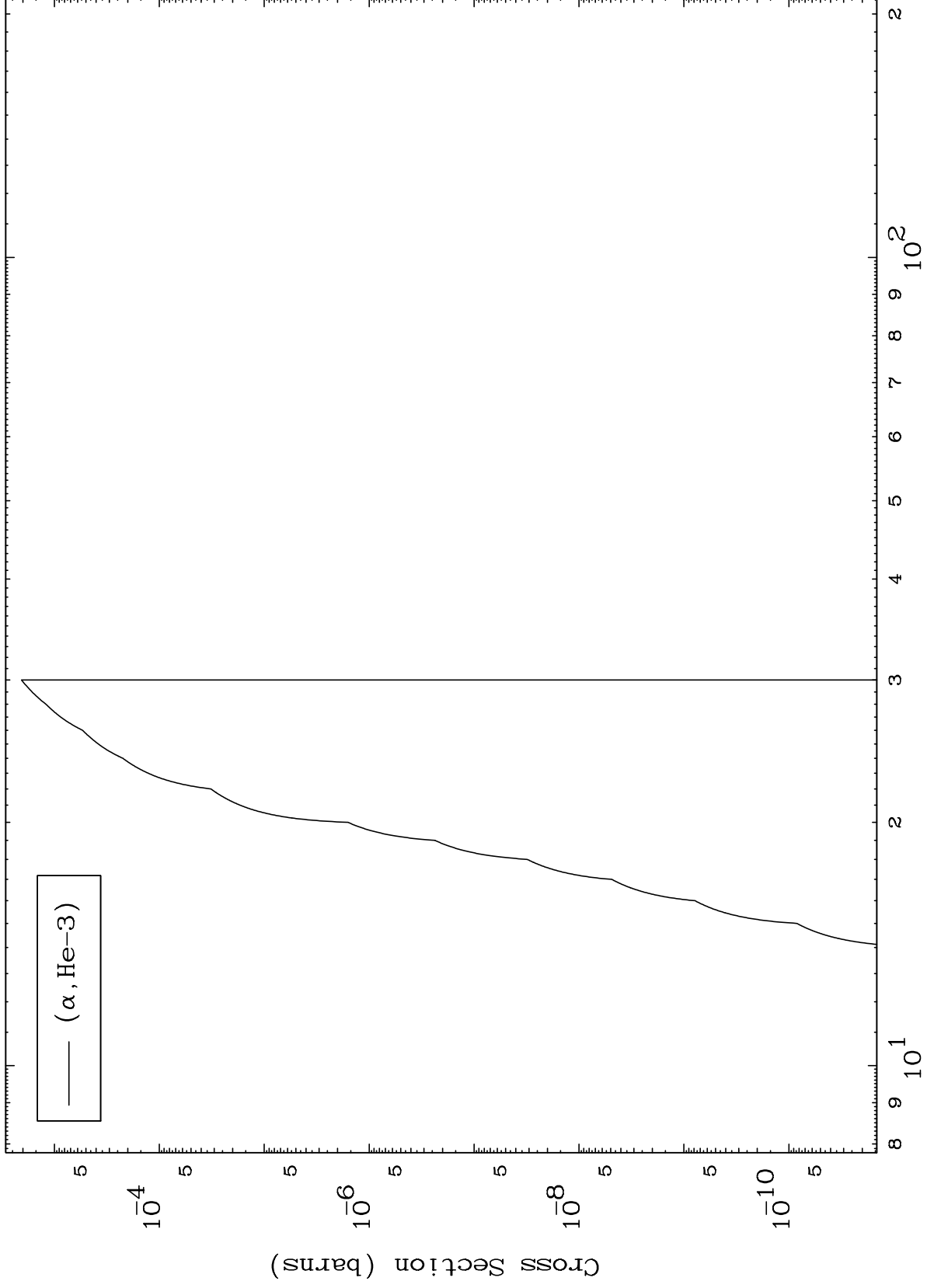
41-Nb-88



MAT 4111

(α , He3) Levels
0 Kelvin Cross Sections

41-Nb-88



9

Incident Energy (MeV)

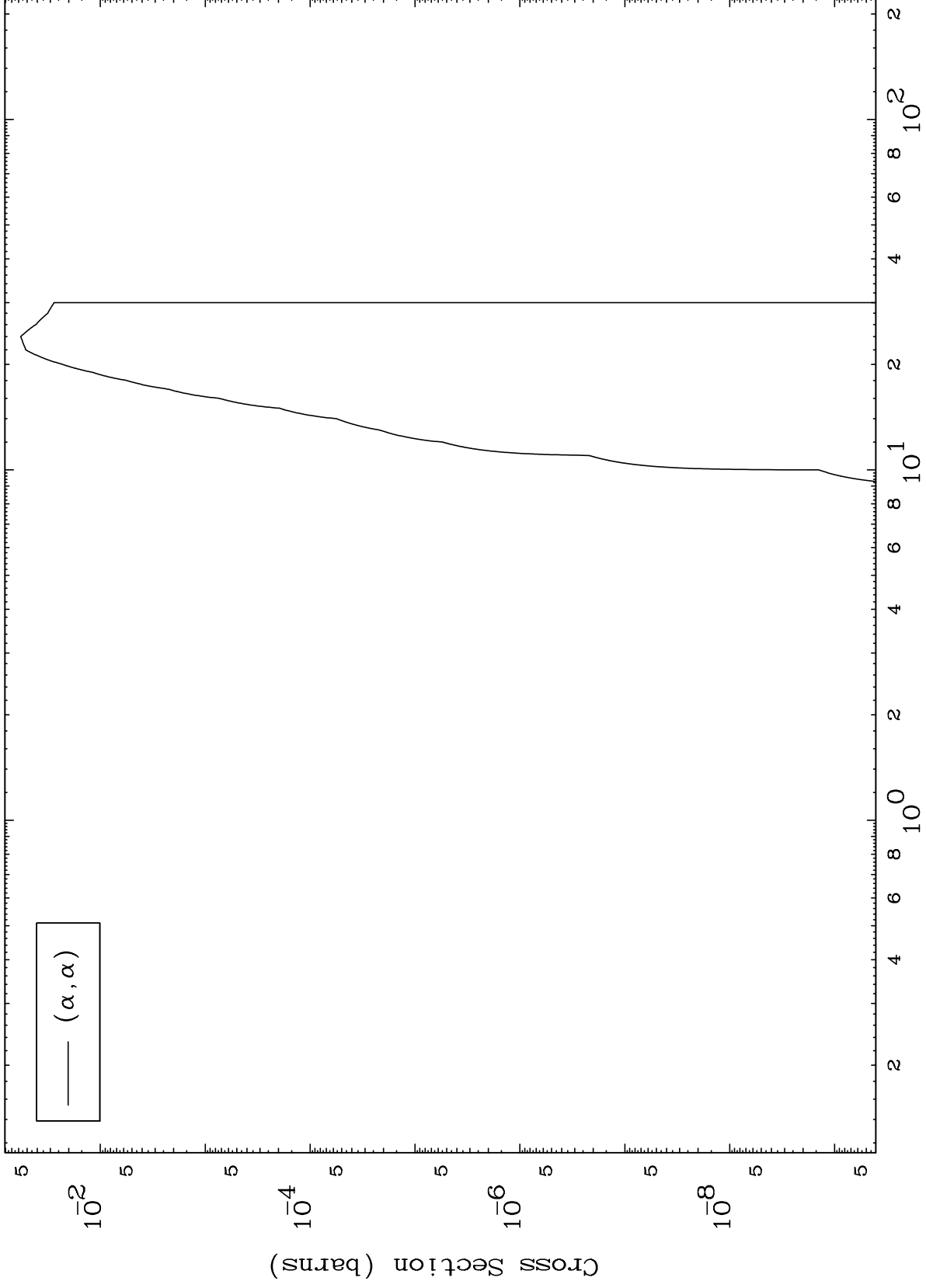
41-Nb-88

MAT 4111

(α, α) Levels

41-Nb-88

0 Kelvin Cross Sections



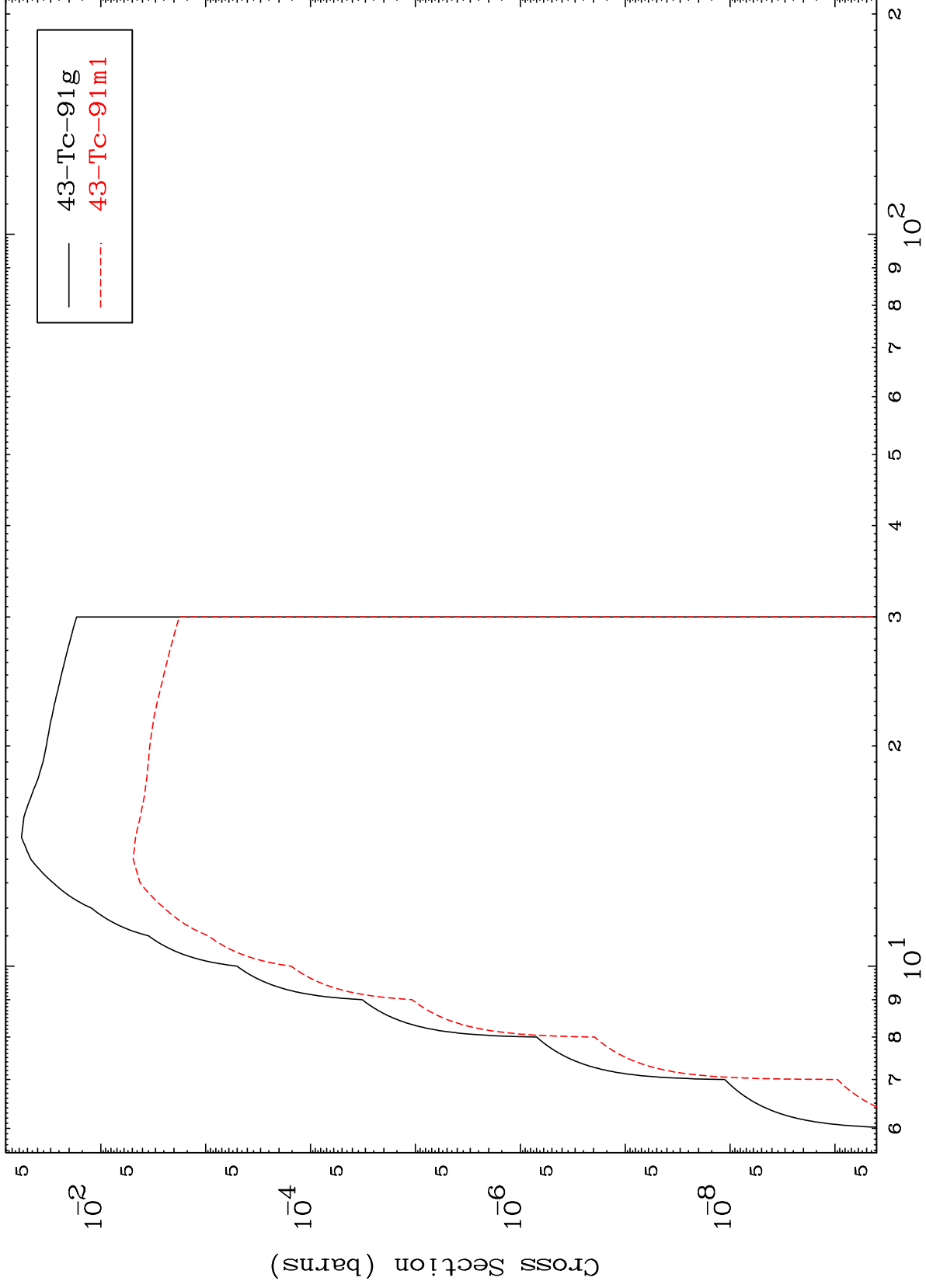
10

Incident Energy (MeV)

41-Nb-88

Radionuclide Production Cross Section

α Inelastic

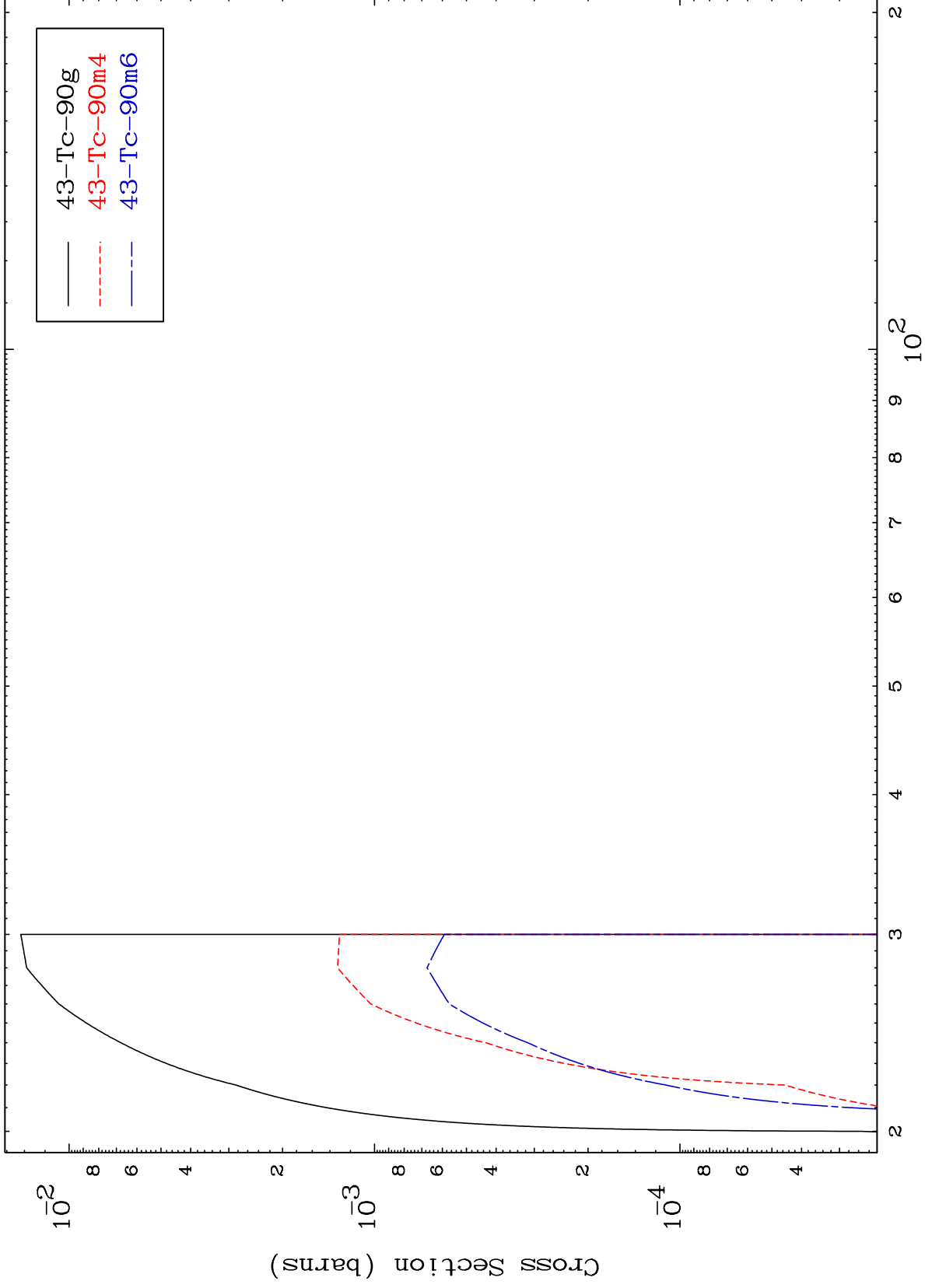


MAT 4111

($\alpha, 2n$)

41-Nb-88

Radionuclide Production Cross Section



12

Incident Energy (MeV)

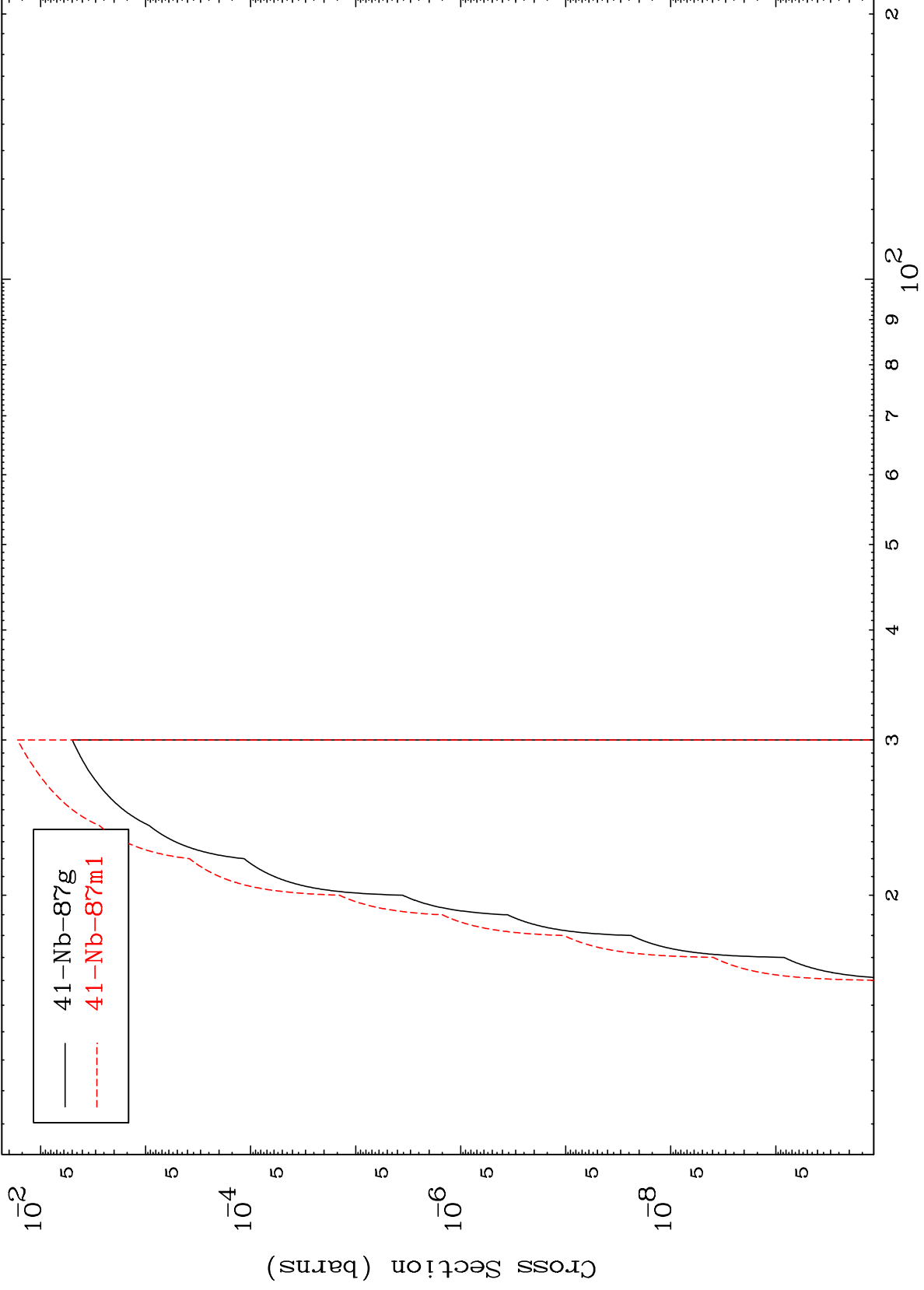
41-Nb-88

MAT 41111

(α, n') α

41-Nb-88

Radionuclide Production Cross Section



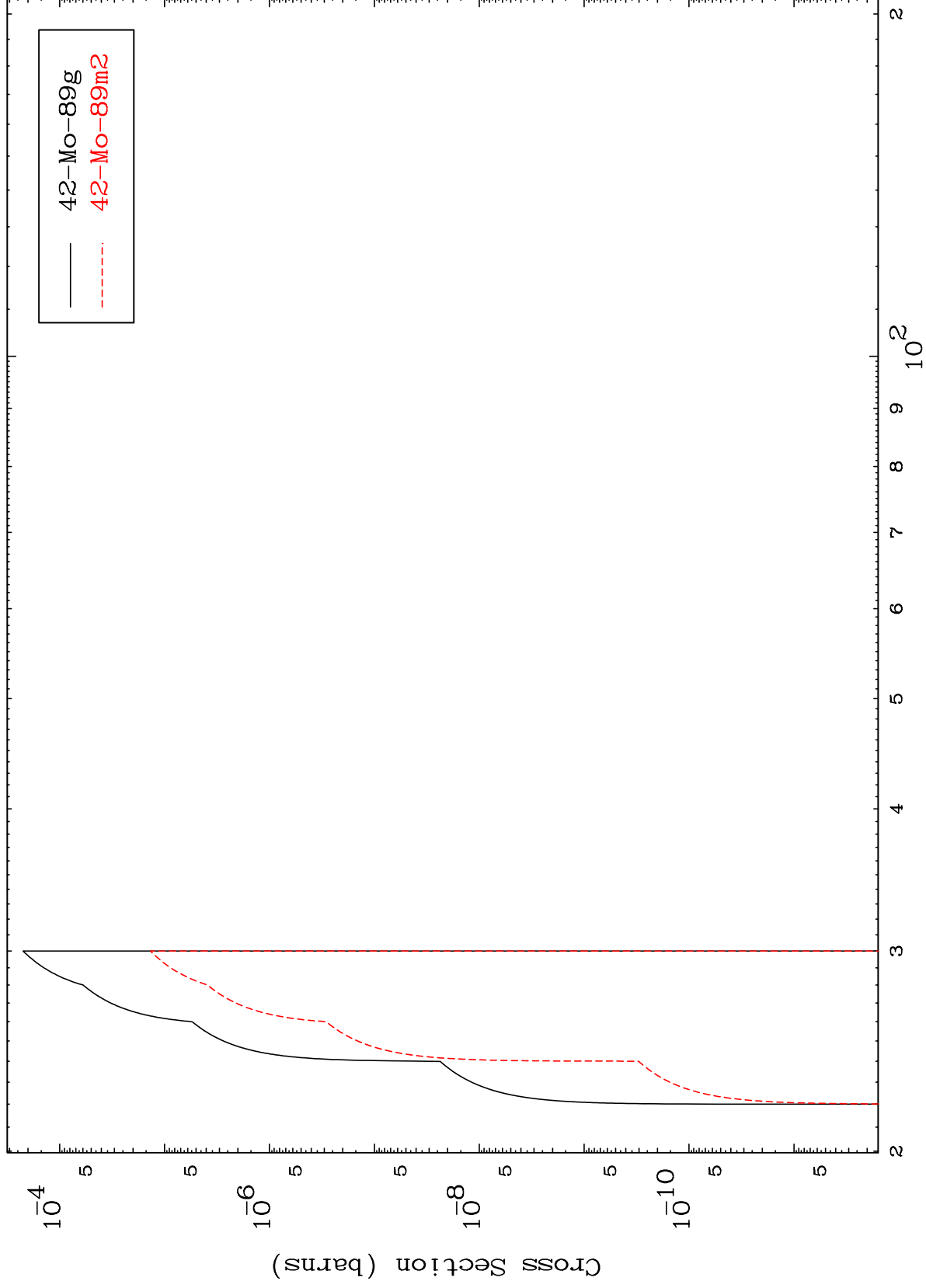
41-Nb-87g
41-Nb-87m1

MAT 4111

(α, n') d

41-Nb-88

Radionuclide Production Cross Section

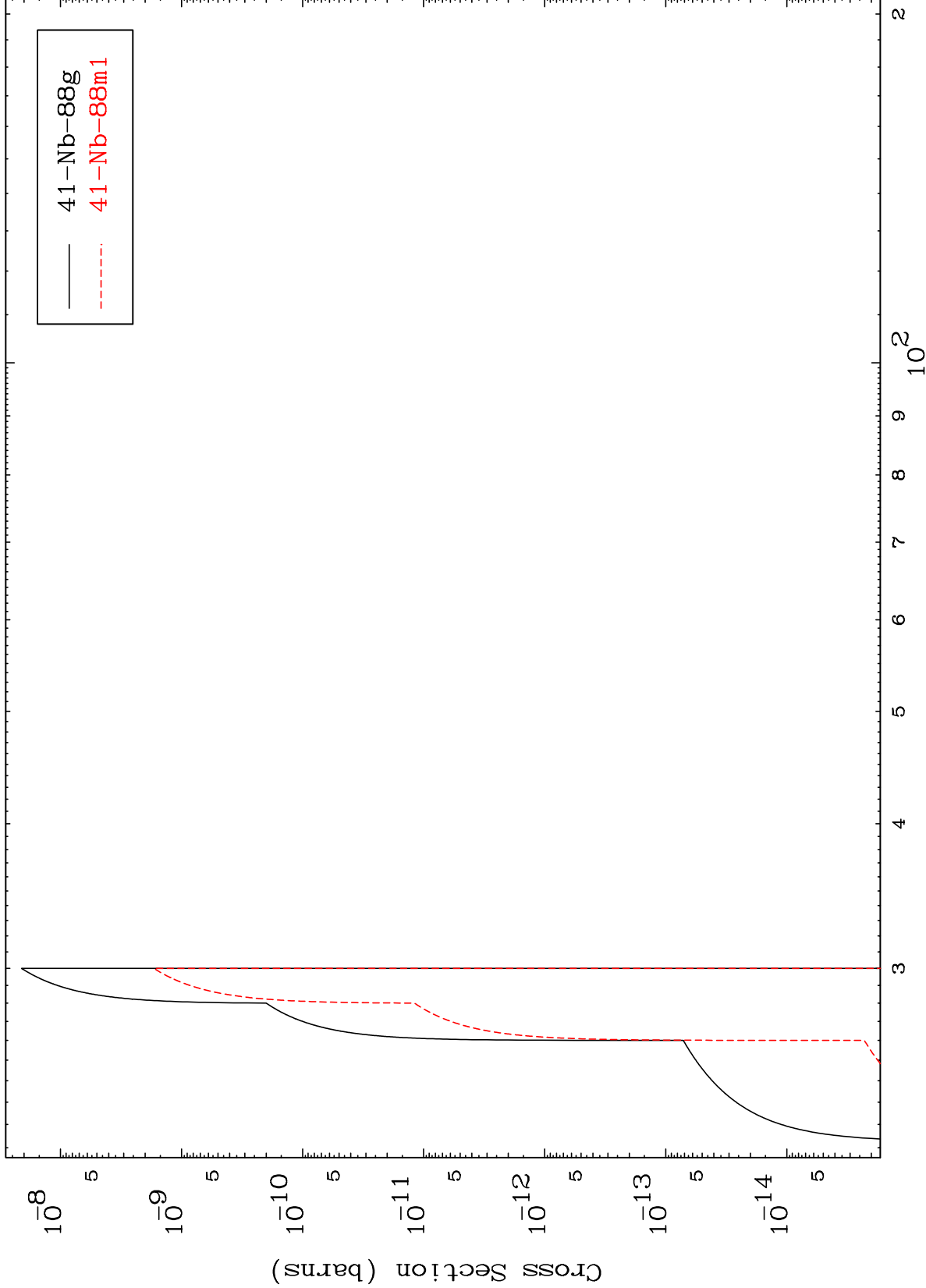


14

Incident Energy (MeV)

41-Nb-88

Radionuclide Production Cross Section

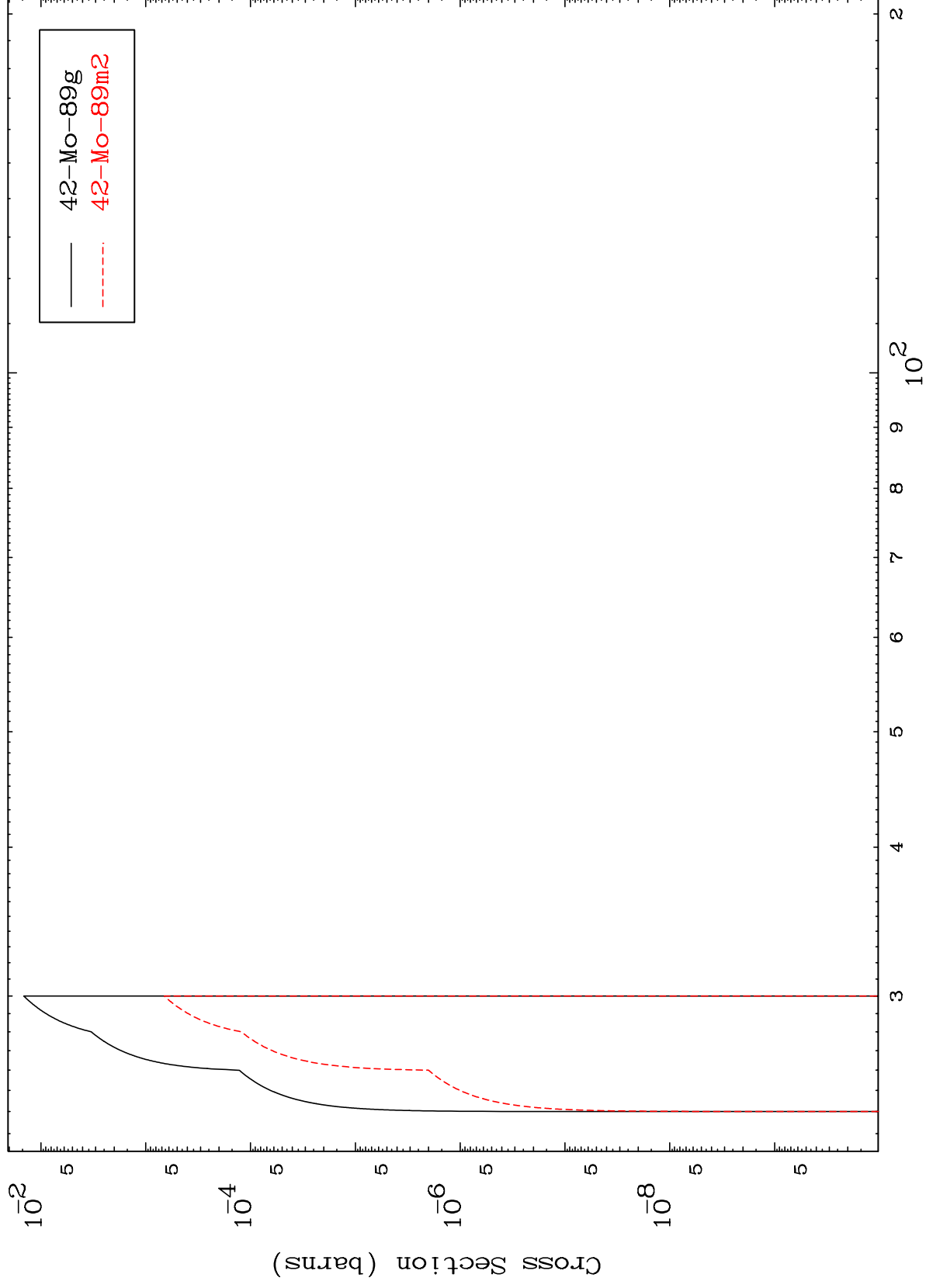


41-Nb-88g
41-Nb-88m1

MAT 4111

41-Nb-88

$(\alpha, 2n)$ p
Radionuclide Production Cross Section



16

Incident Energy (MeV)

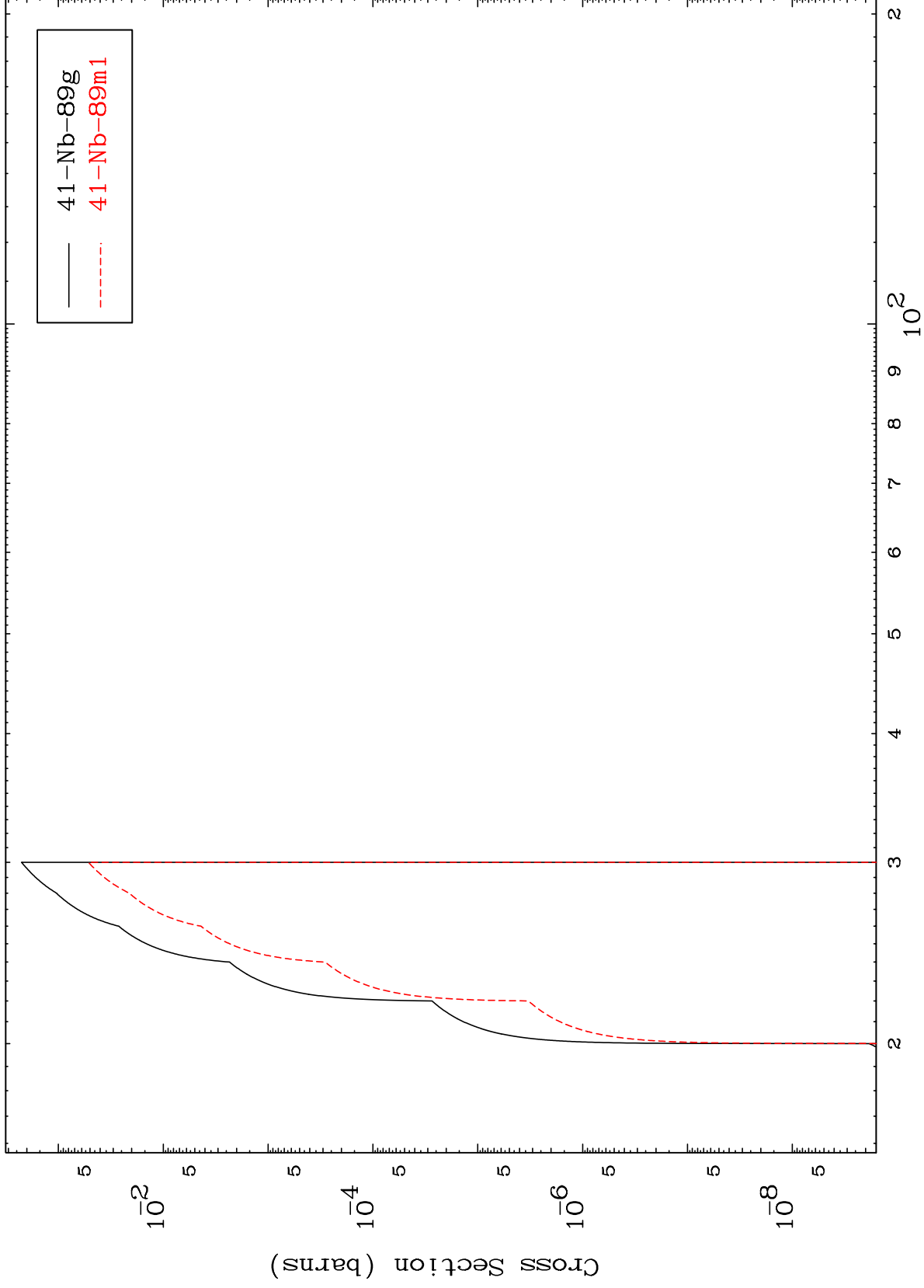
41-Nb-88

MAT 4111

$(\alpha, 2n)$ p

41-Nb-88

Radionuclide Production Cross Section



17

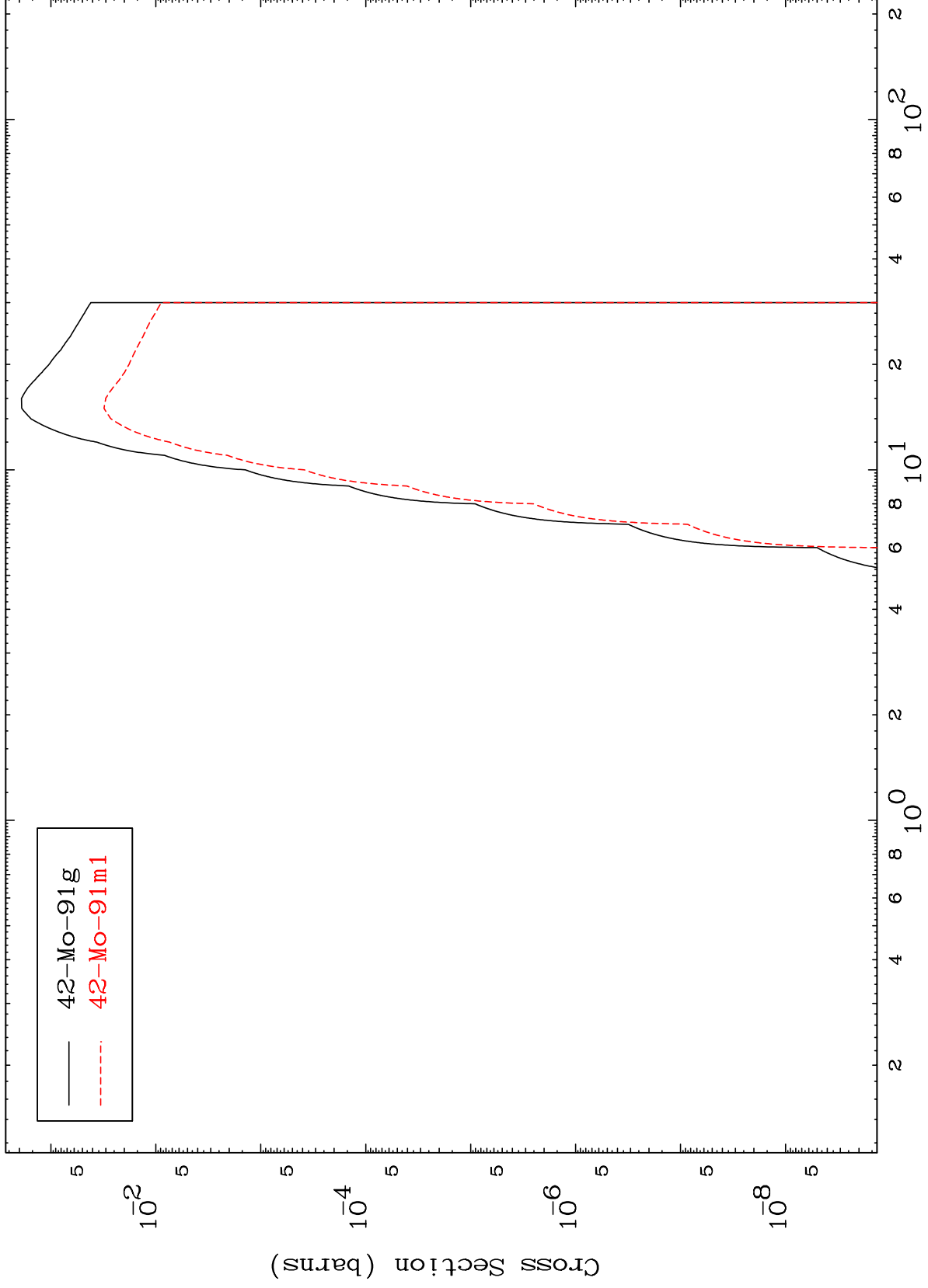
Incident Energy (MeV)

41-Nb-88

MAT 4111

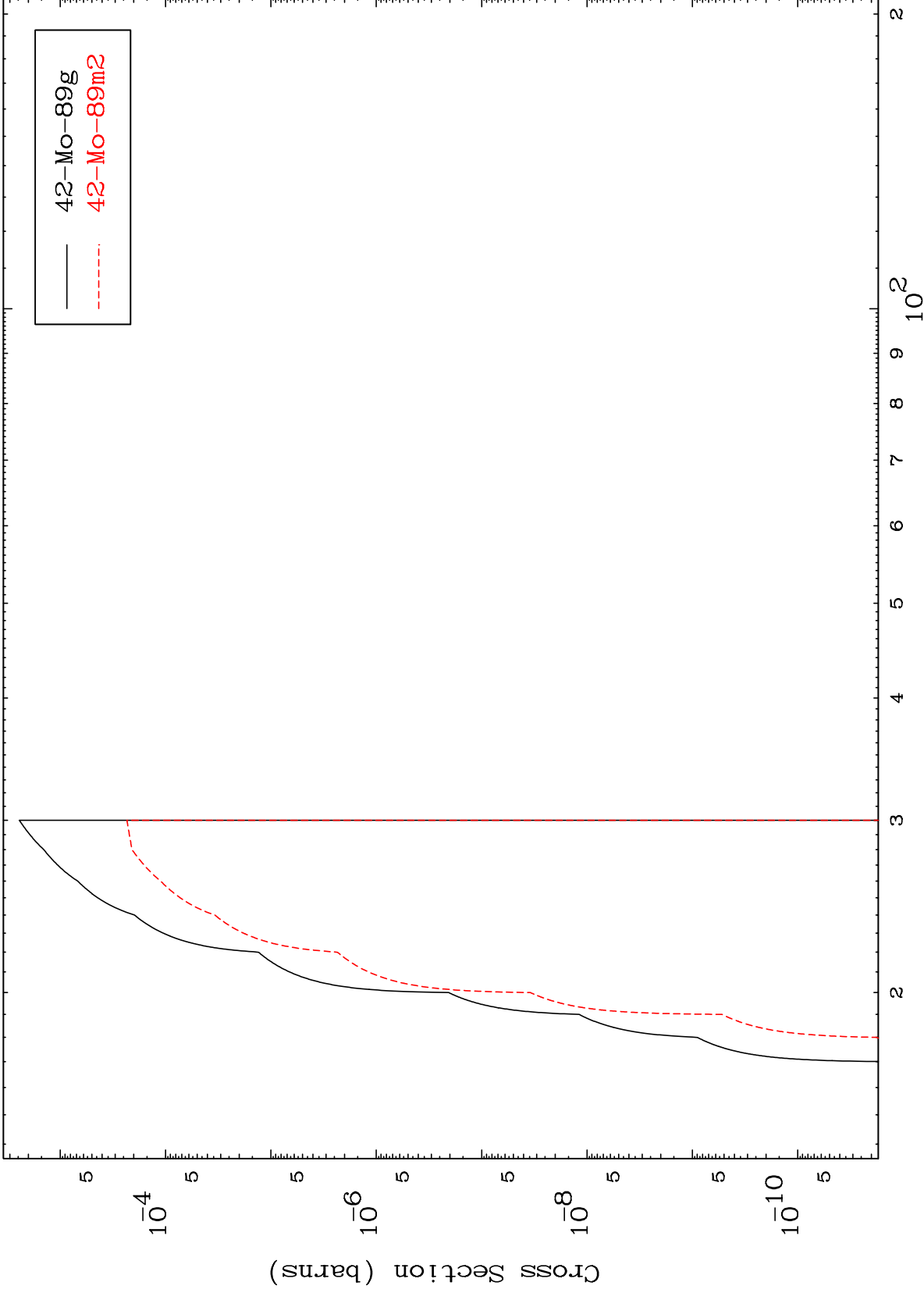
41-Nb-88

(α, p)
Radionuclide Production Cross Section



— 42-Mo-91g
- - - 42-Mo-91m1

Radionuclide Production Cross Section

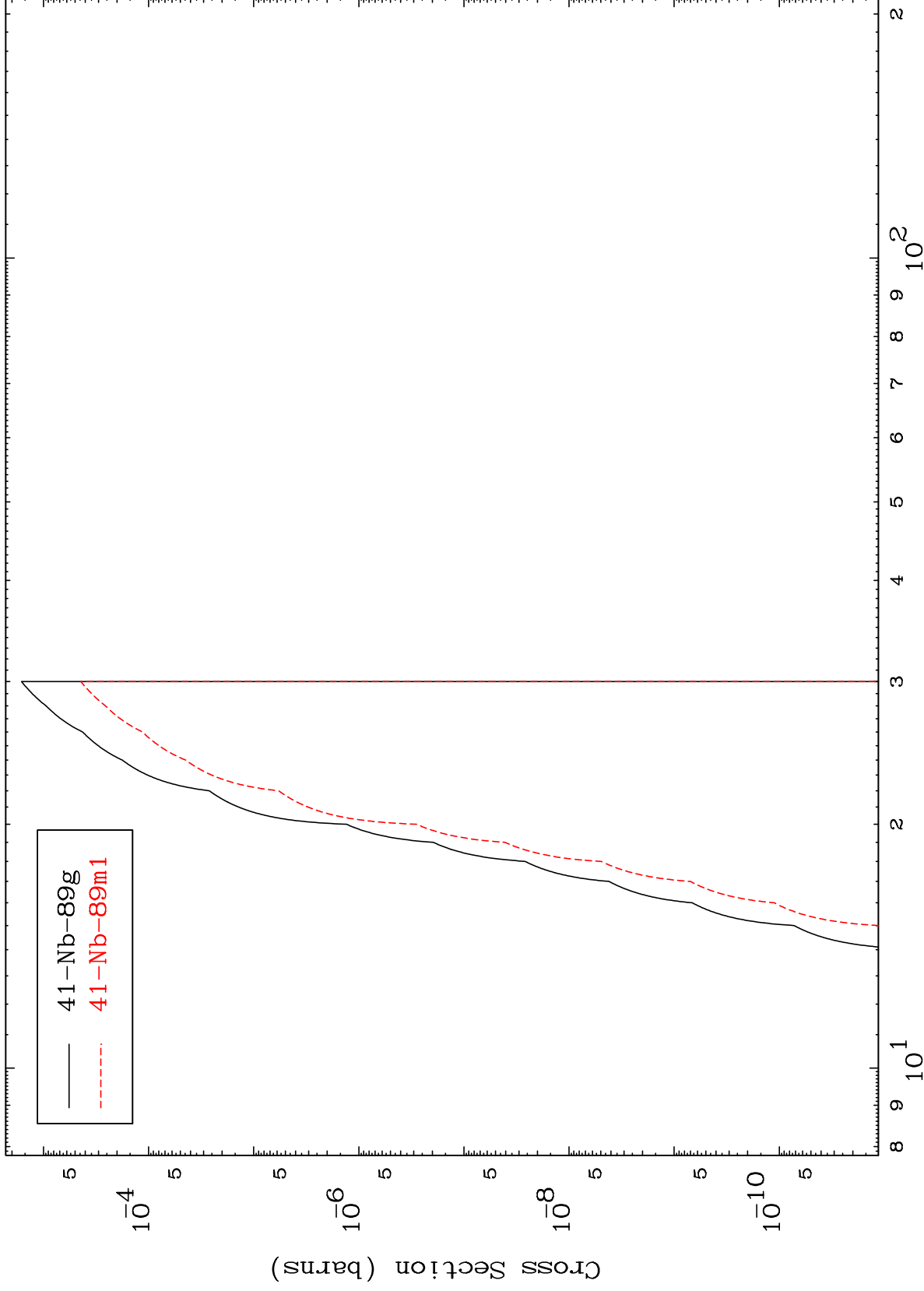


MAT 4111

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

41-Nb-88

Radionuclide Production Cross Section



20

Incident Energy (MeV)

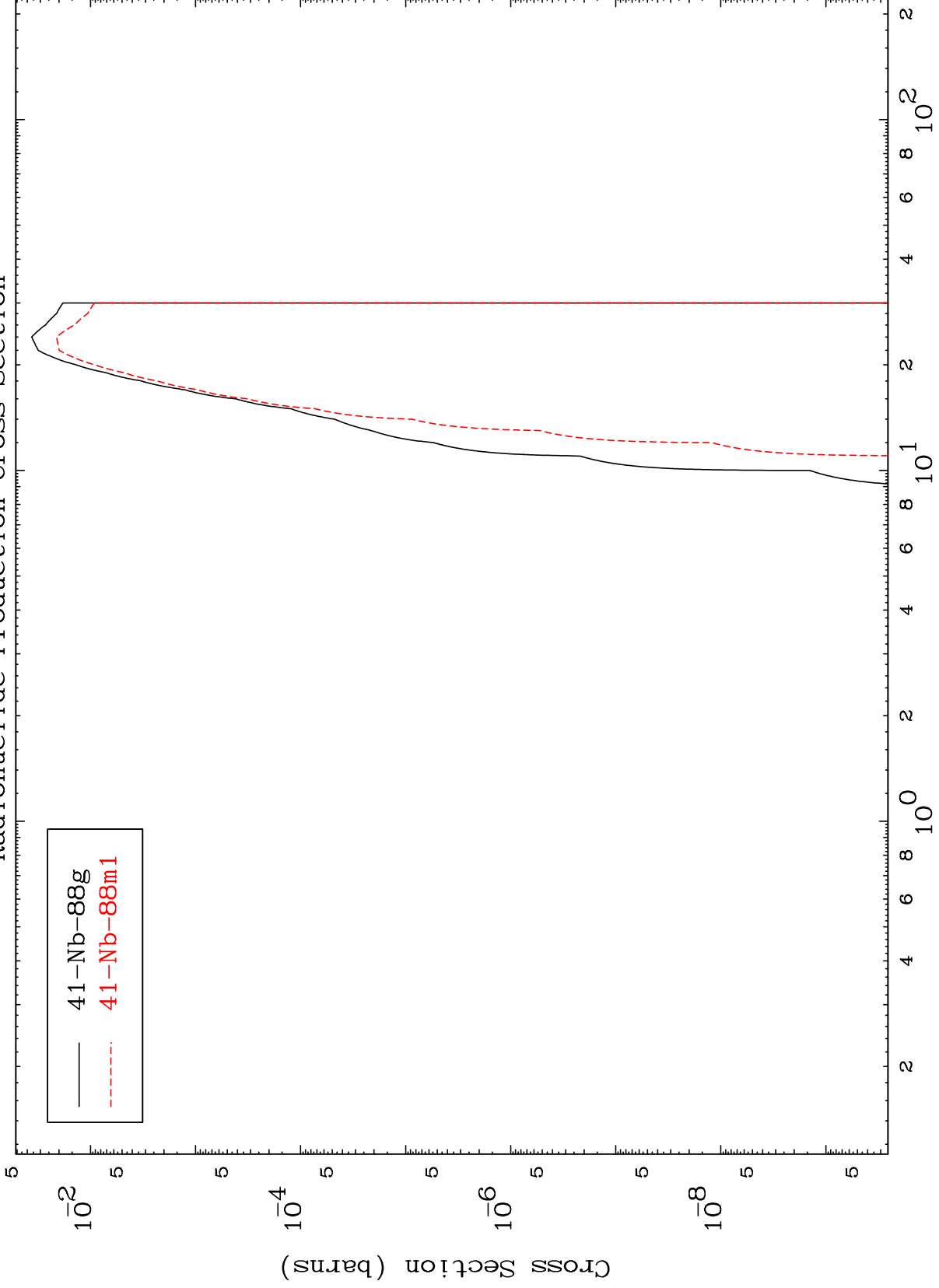
41-Nb-88

MAT 4111

(α, α)

41-Nb-88

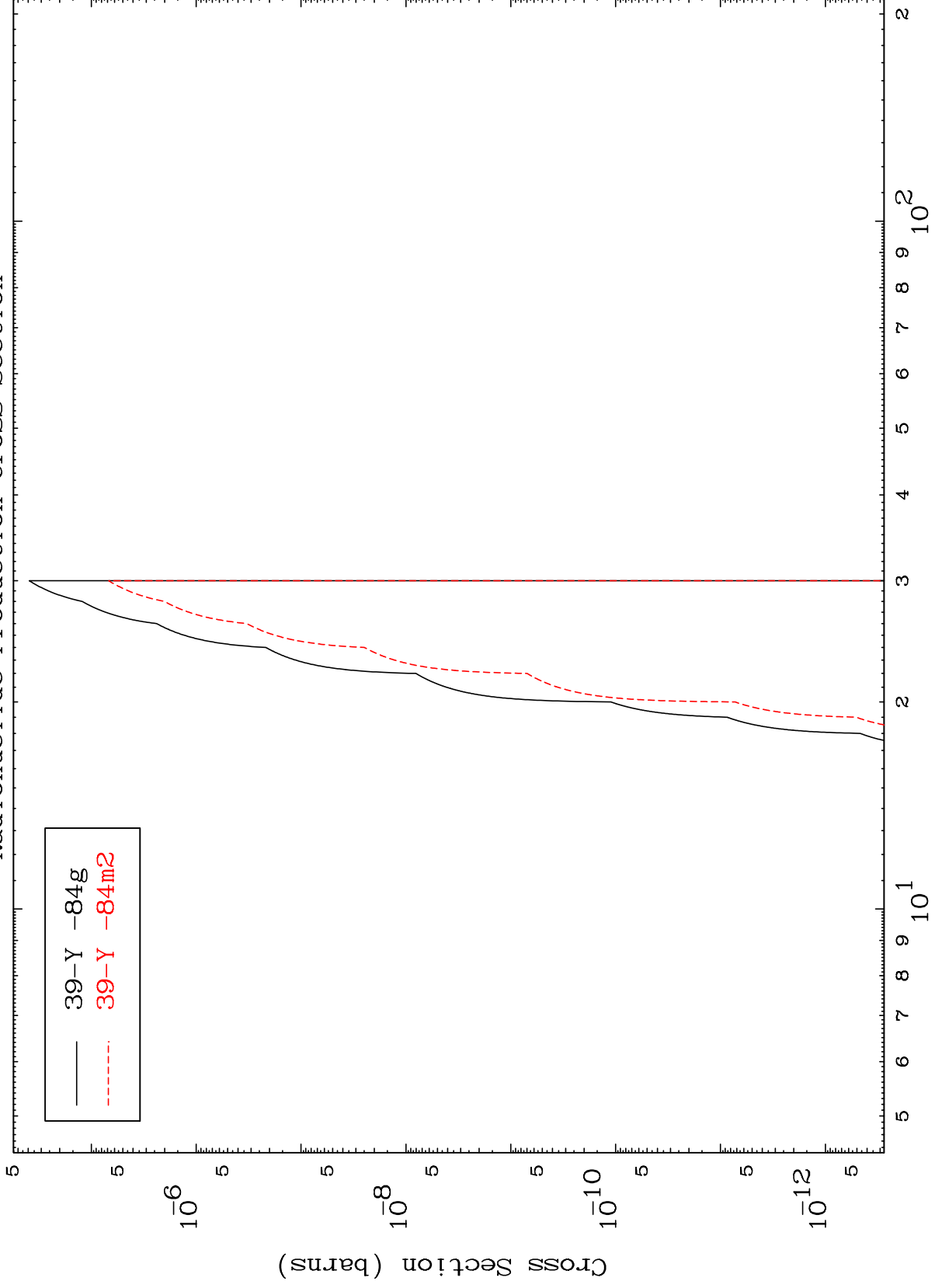
Radionuclide Production Cross Section



MAT 4111

41-Nb-88

$(\alpha, 2\alpha)$
Radionuclide Production Cross Section



22

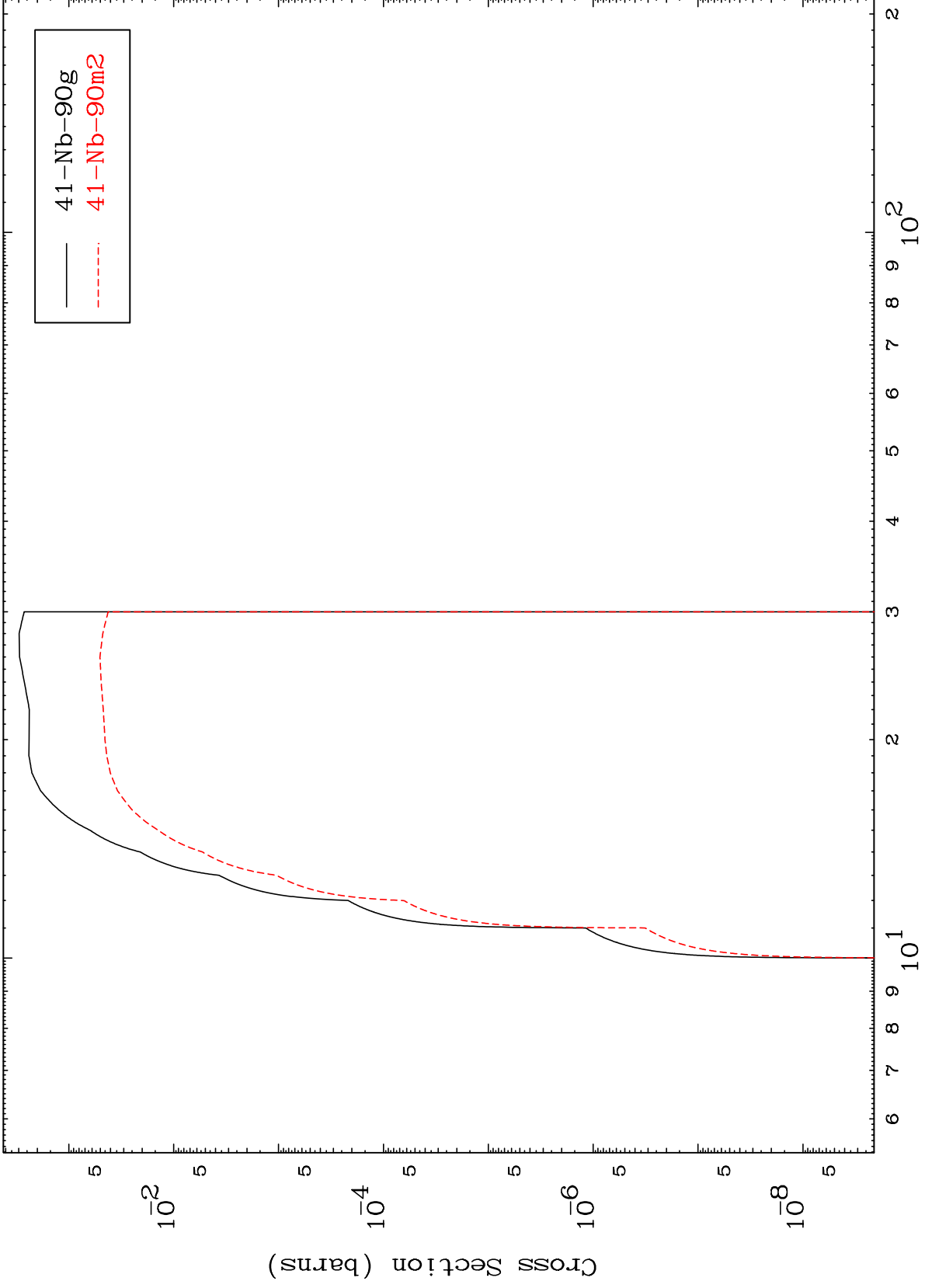
Incident Energy (MeV)

41-Nb-88

MAT 4111

41-Nb-88

($\alpha, 2p$)
Radionuclide Production Cross Section



23

Incident Energy (MeV)

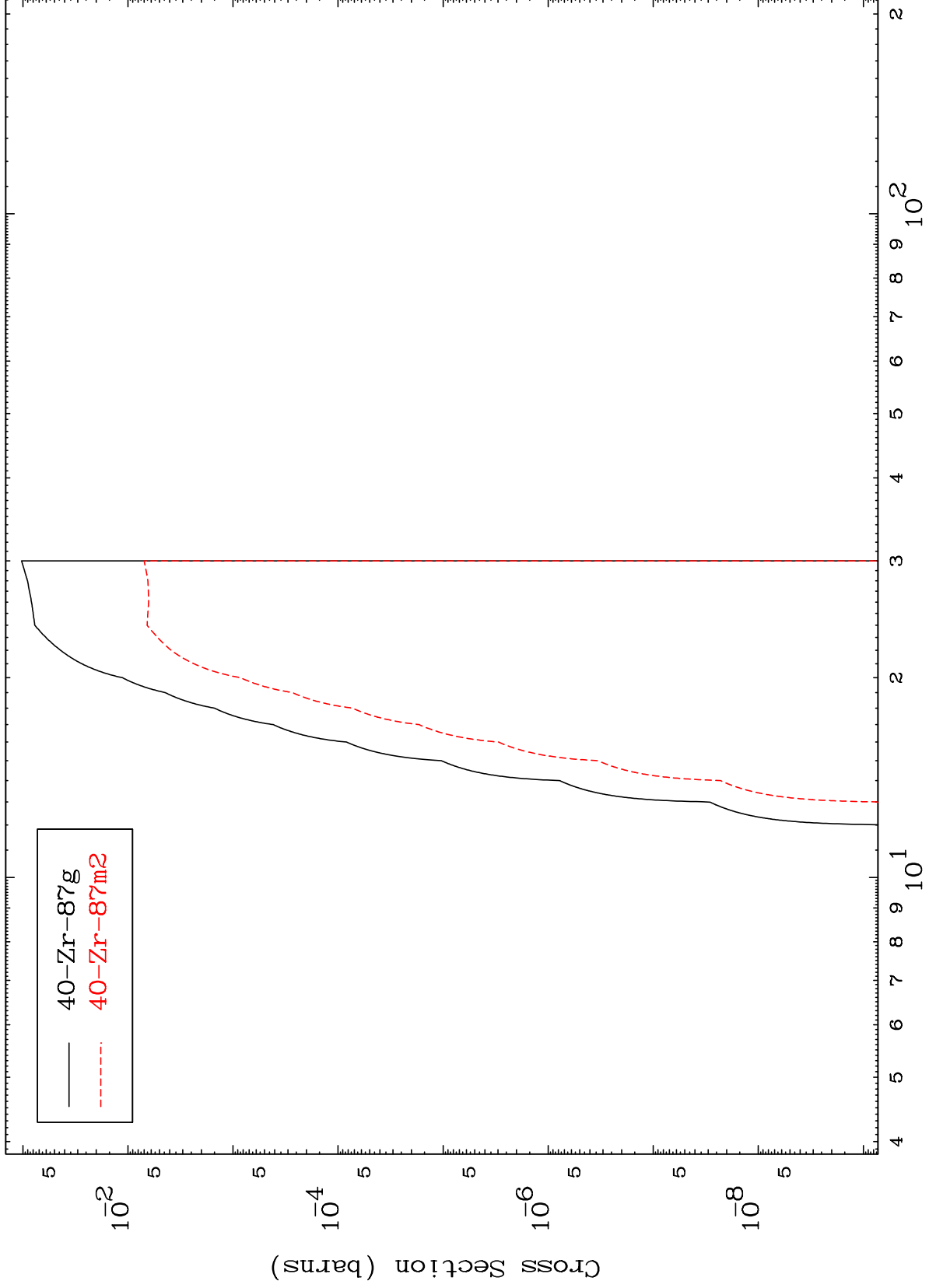
41-Nb-88

MAT 4111

(α, p) α

41-Nb-88

Radionuclide Production Cross Section



24

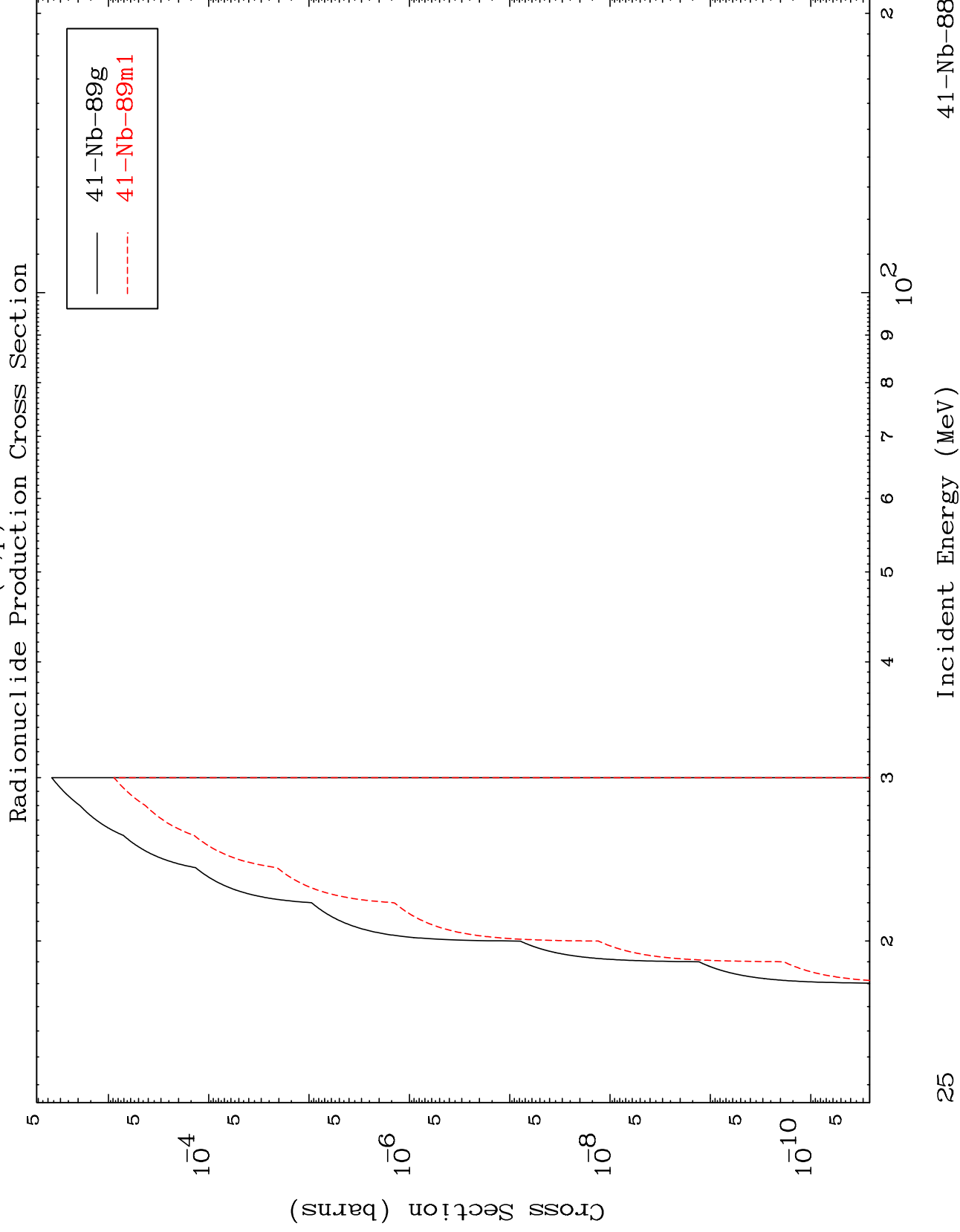
Incident Energy (MeV)

41-Nb-88

MAT 4111

(α, p) d

41-Nb-88



25

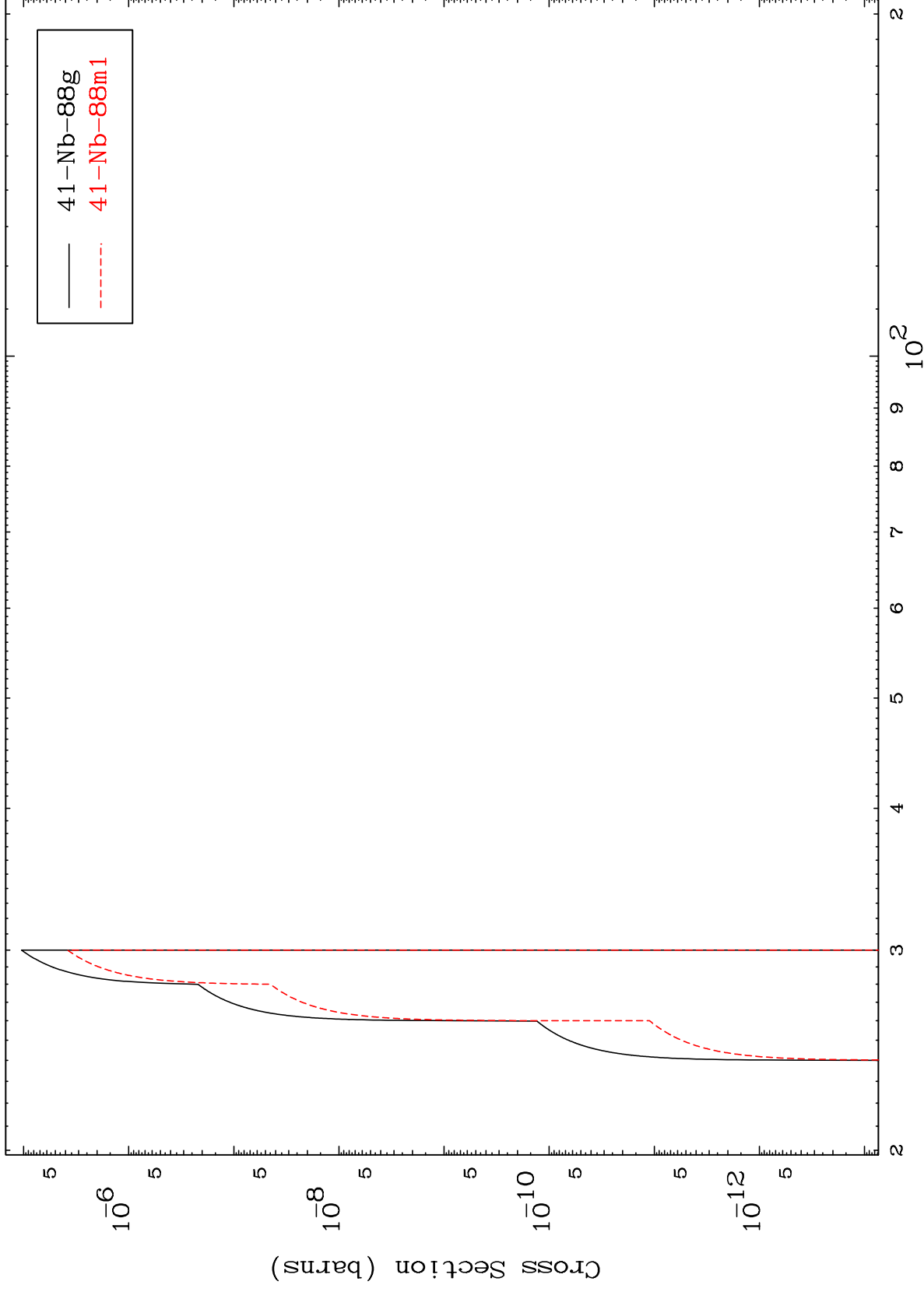
41-Nb-88

MAT 4111

(α, p) t

41-Nb-88

Radionuclide Production Cross Section



26

Incident Energy (MeV)

41-Nb-88