

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

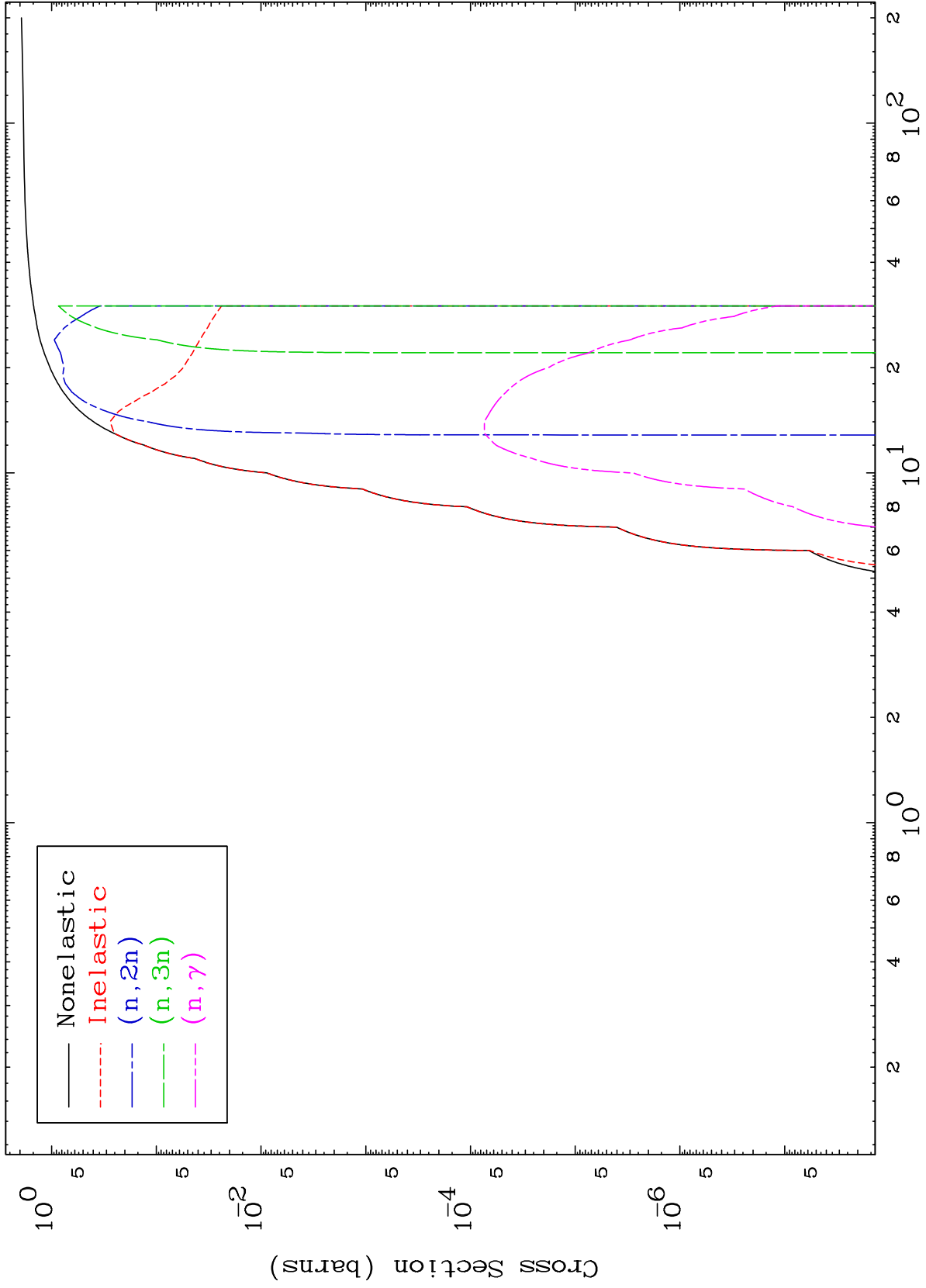
Press Mouse Button to Start

MAT 3932

α Major

39-Y -91m

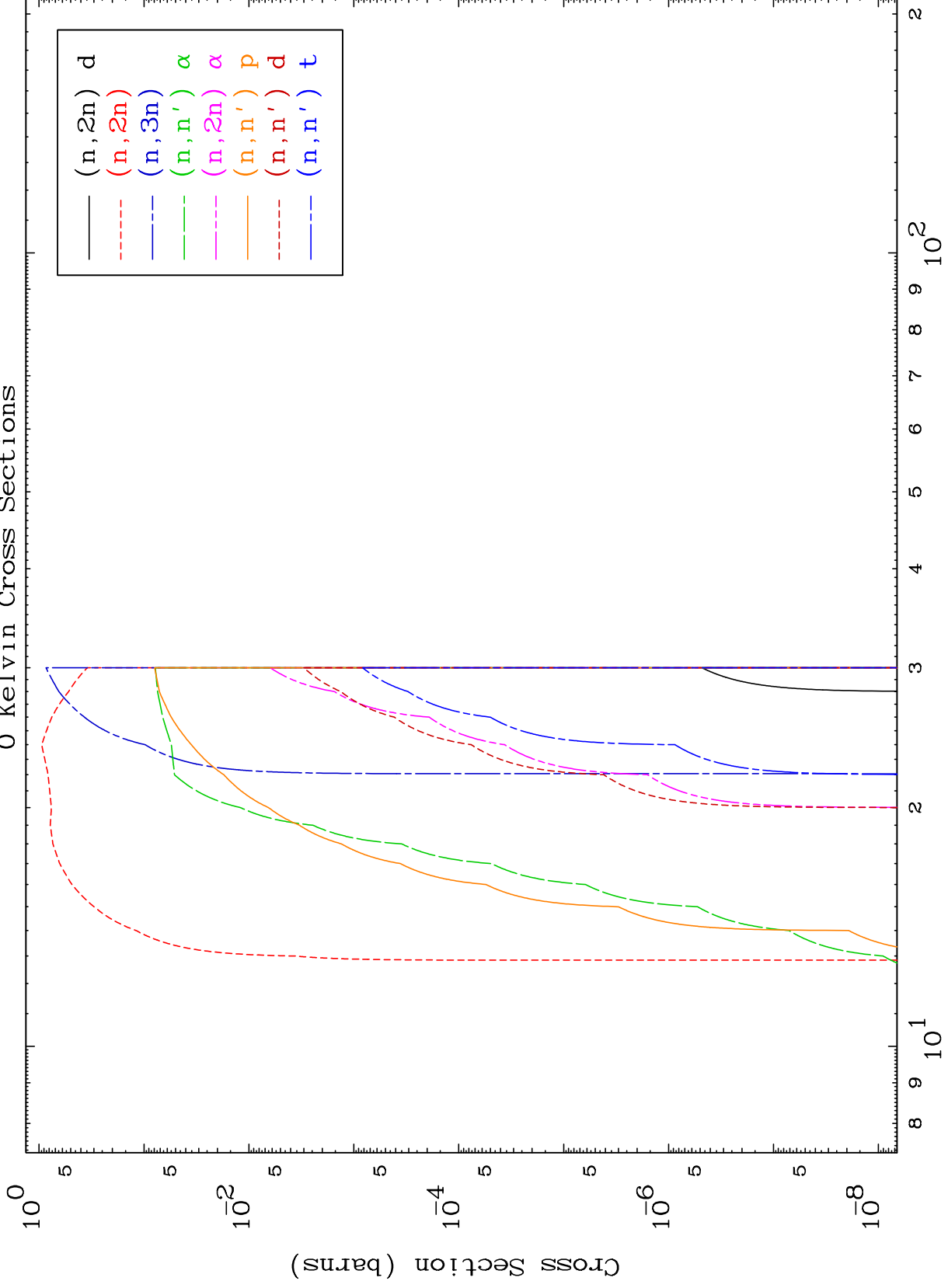
0 Kelvin Cross Sections



MAT 3932

α Neutron Absorption
0 Kelvin Cross Sections

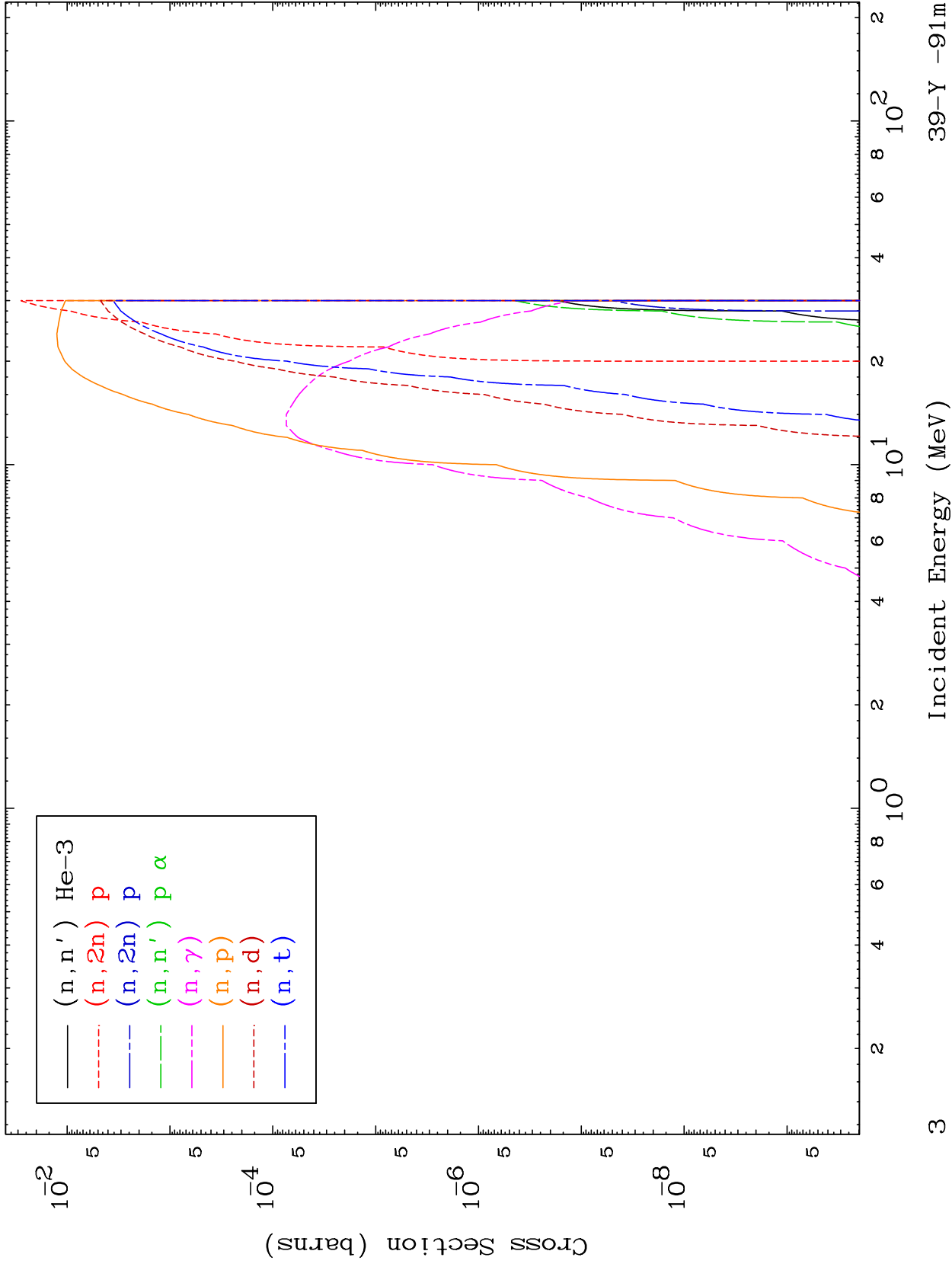
39-Y -91m



39-Y -91m

Incident Energy (MeV)

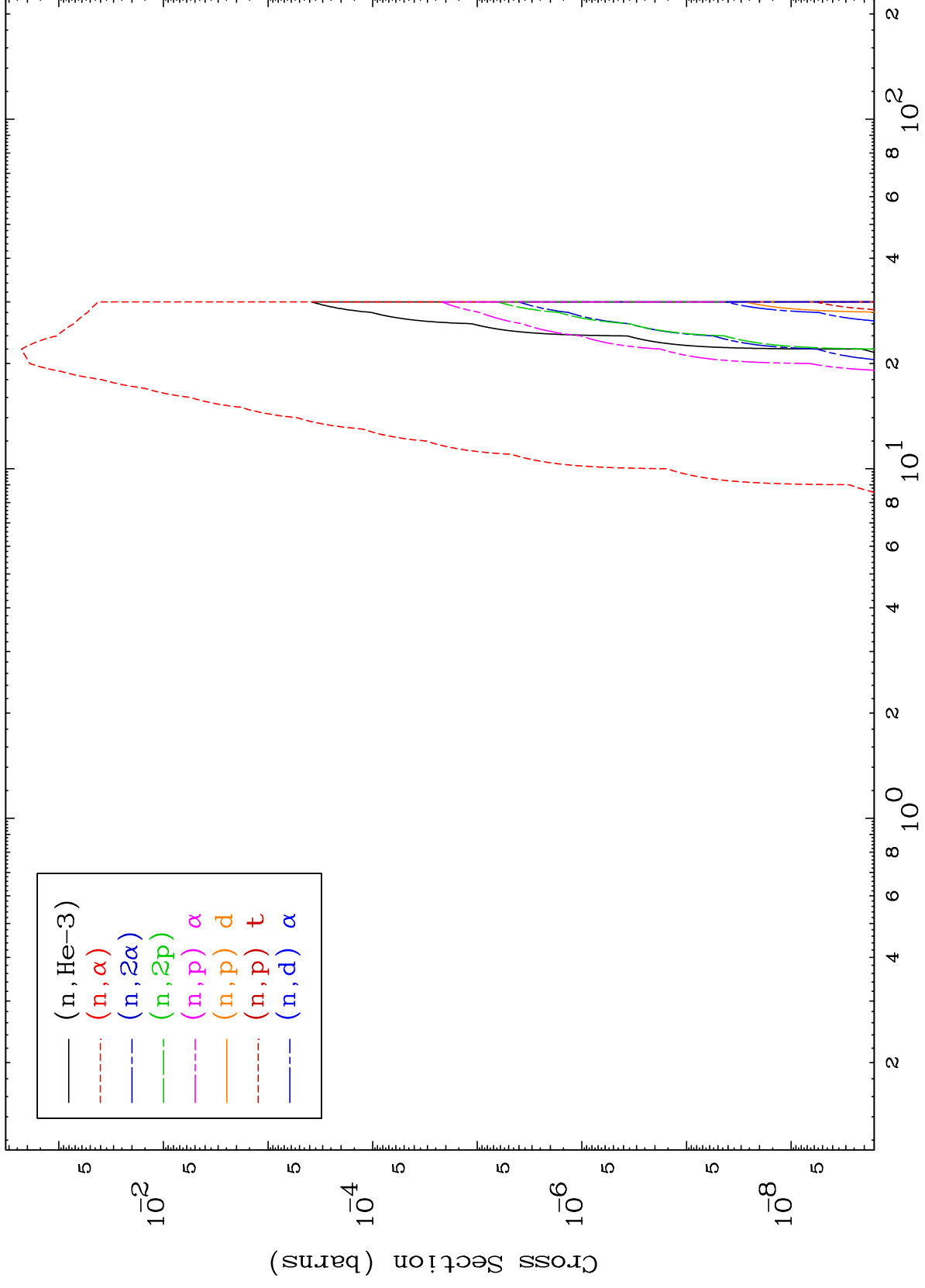
2



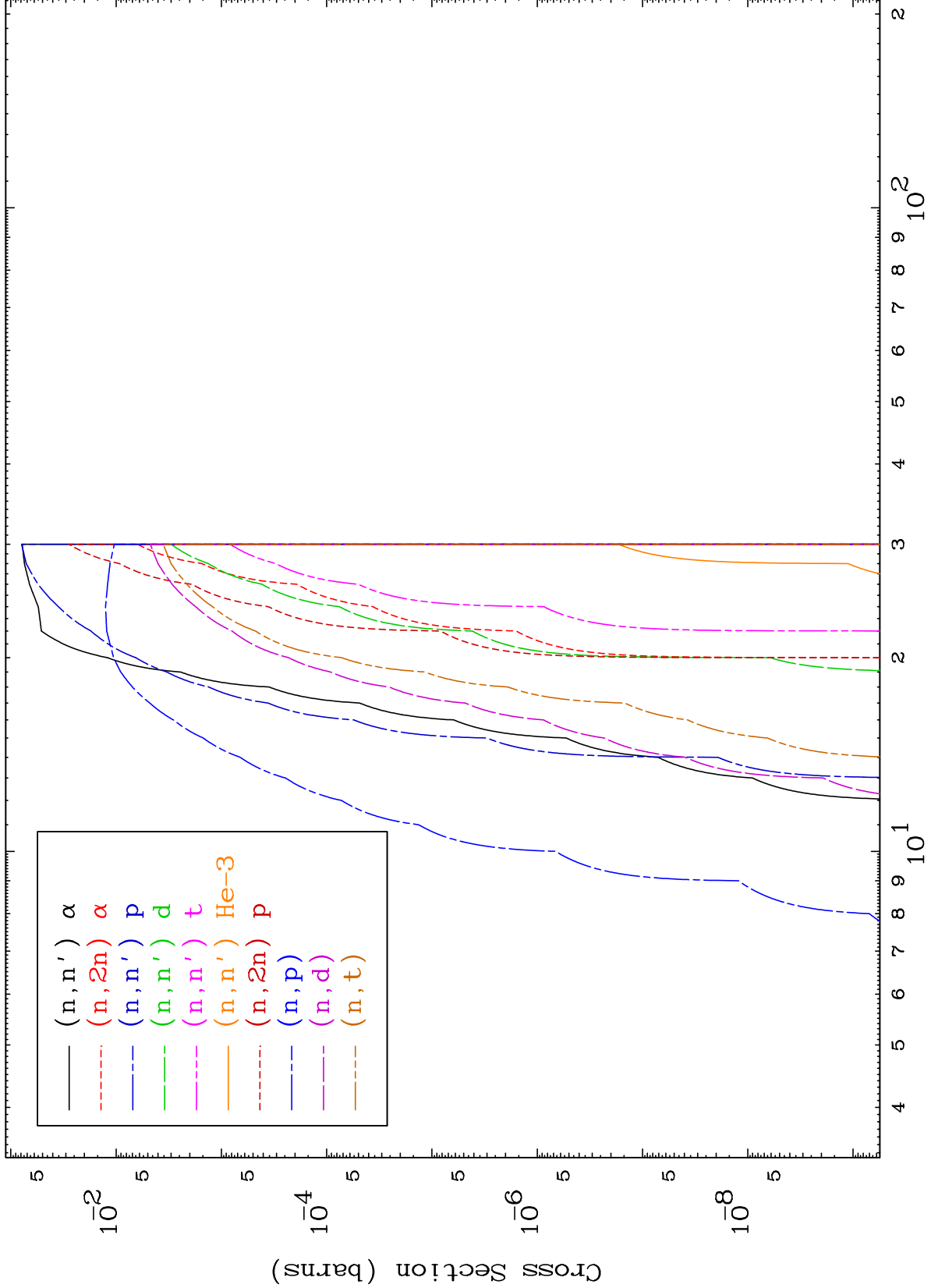
MAT 3932

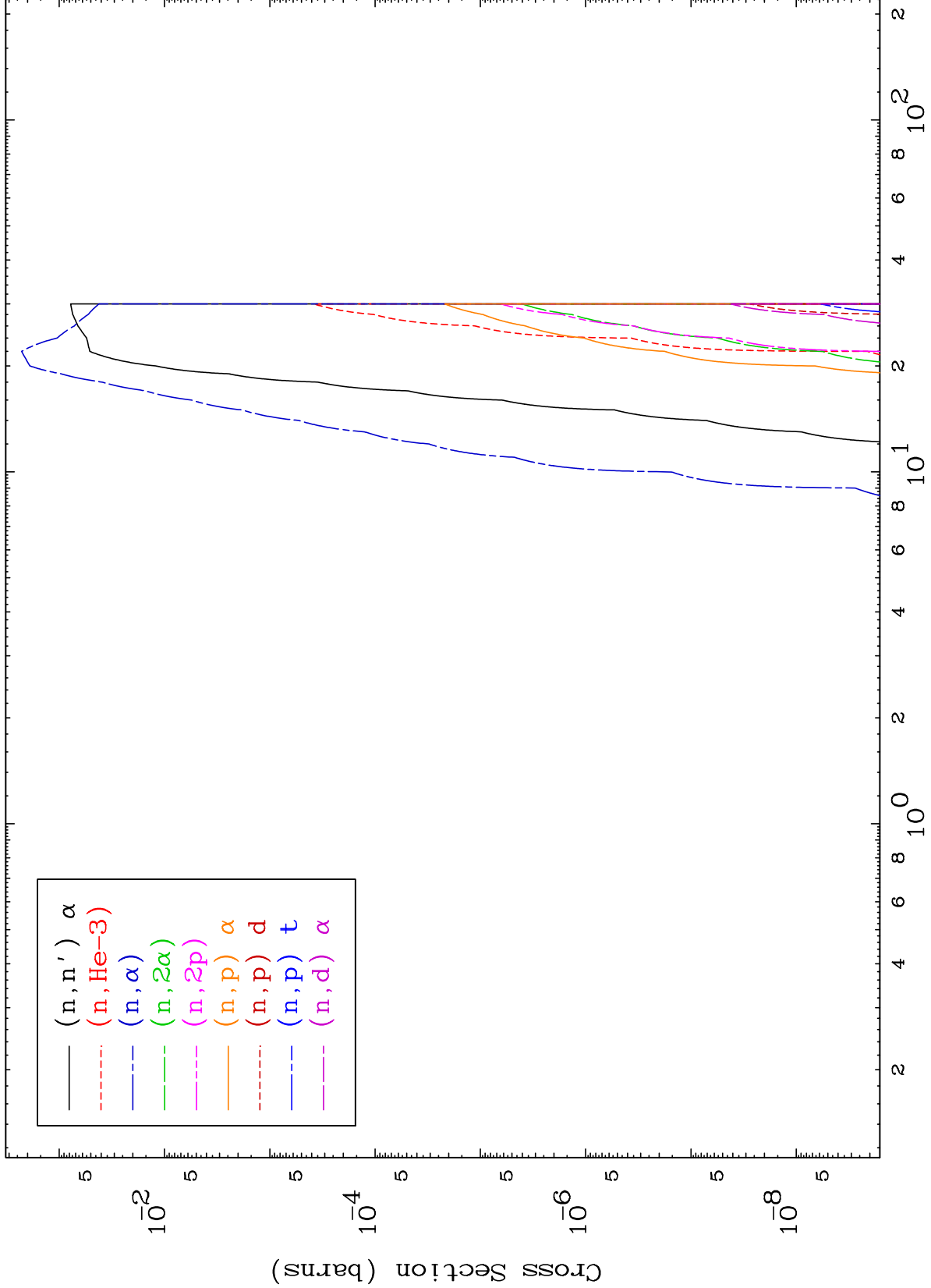
α Neutron Absorption
0 Kelvin Cross Sections

39-Y -91m



39-Y -91m



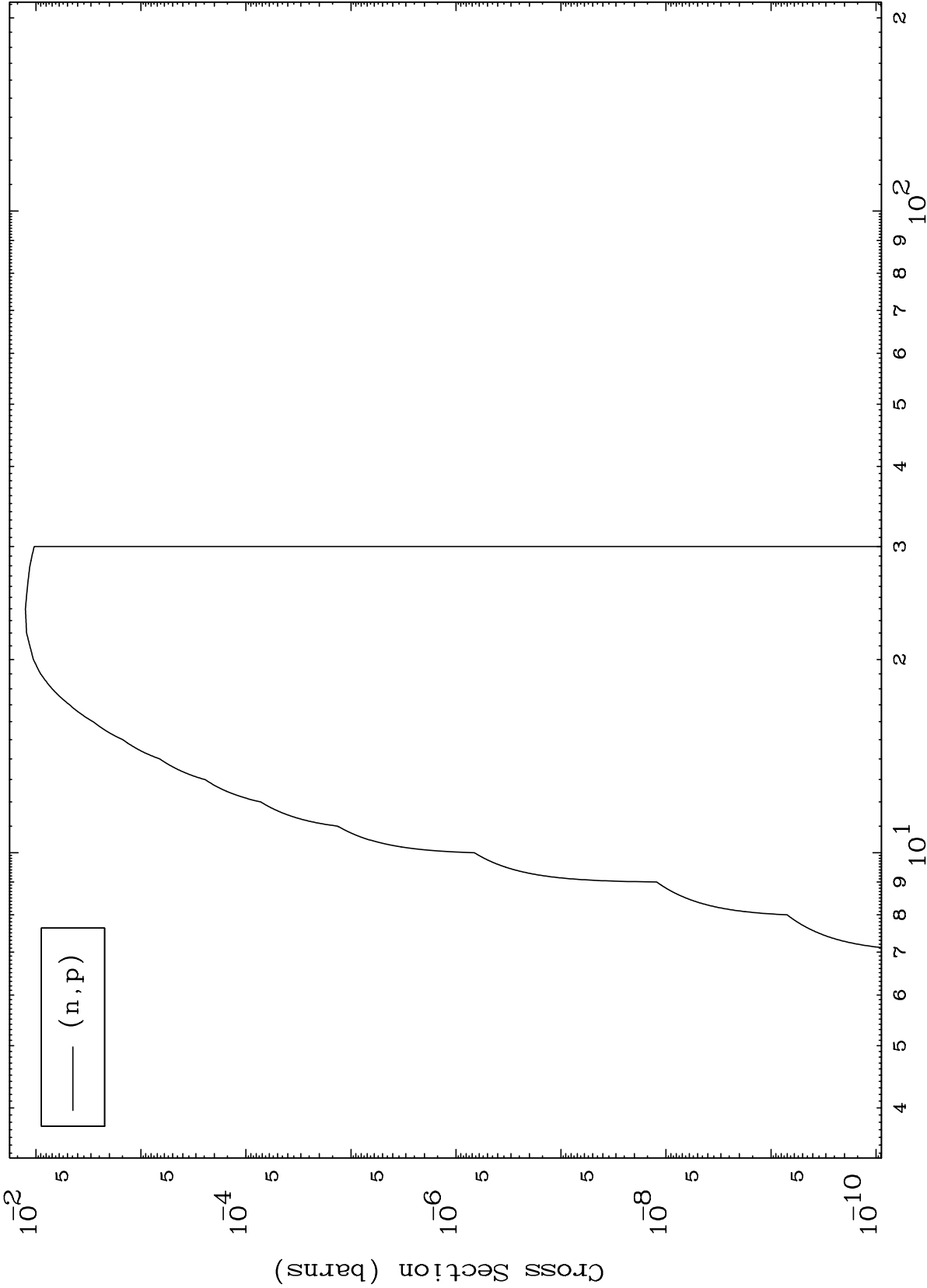


MAT 3932

(α, p) Levels

39-Y -91m

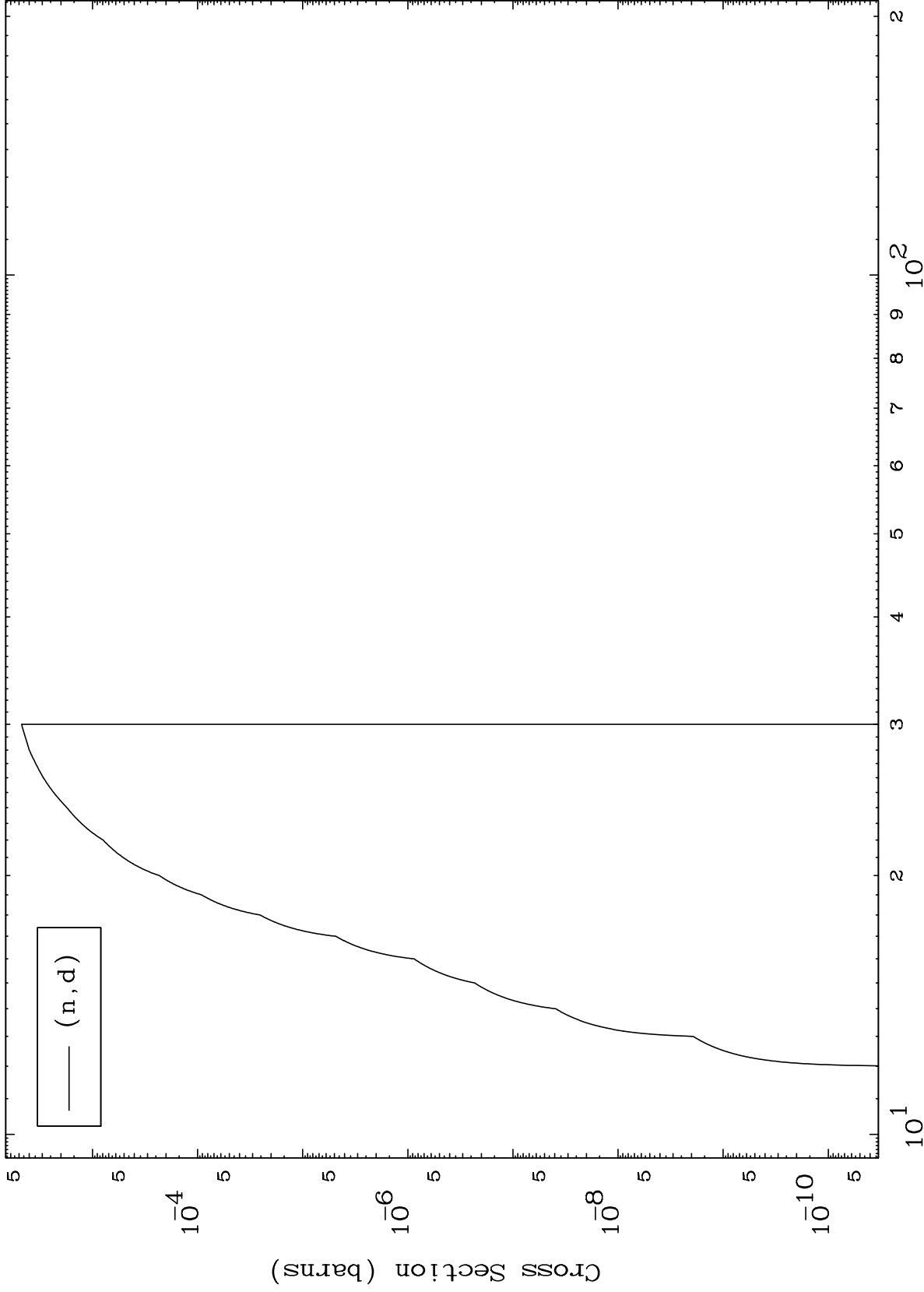
0 Kelvin Cross Sections



MAT 3932

(α, d) Levels
0 Kelvin Cross Sections

39-Y -91m



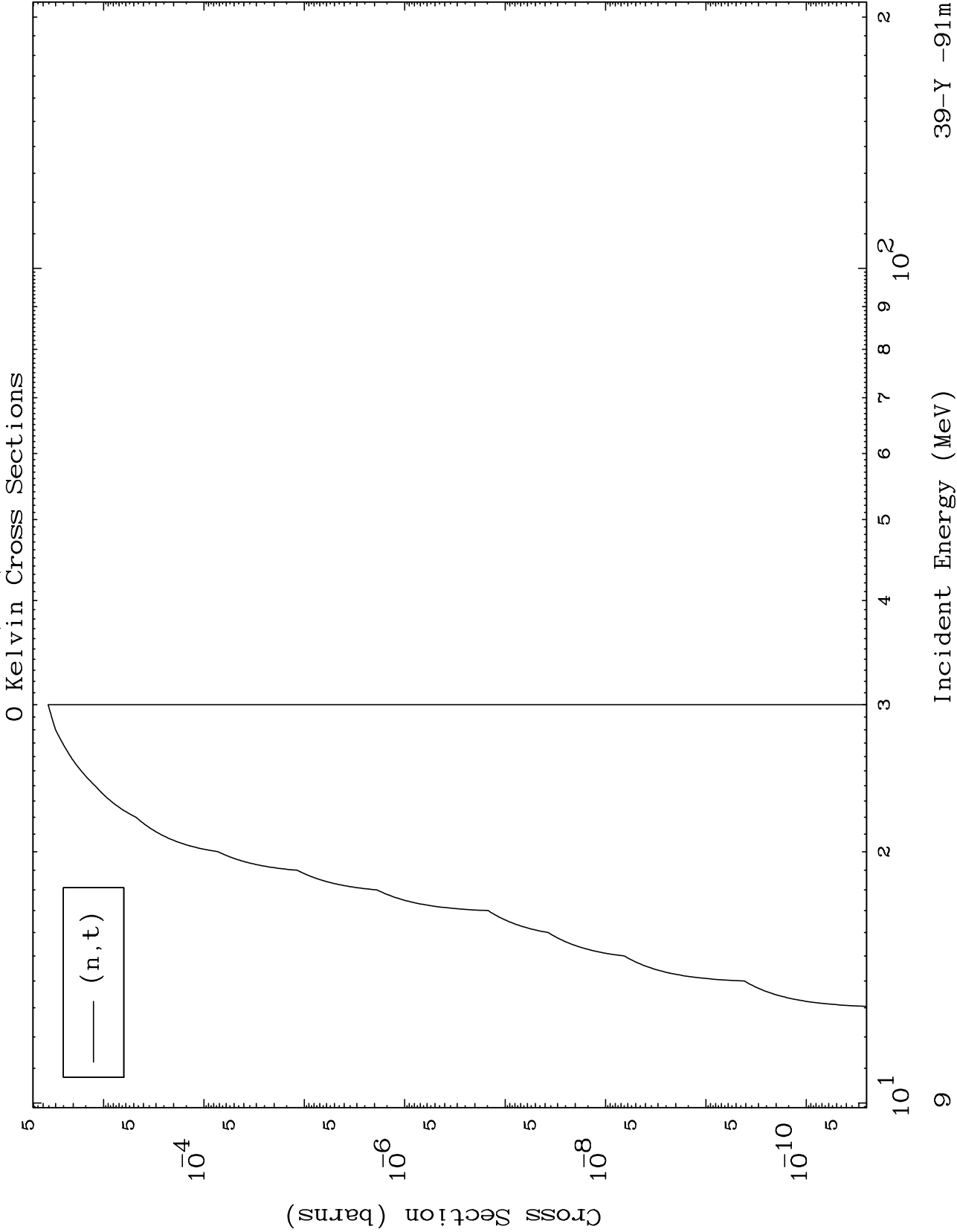
Incident Energy (MeV)

39-Y -91m

MAT 3932

(α, t) Levels

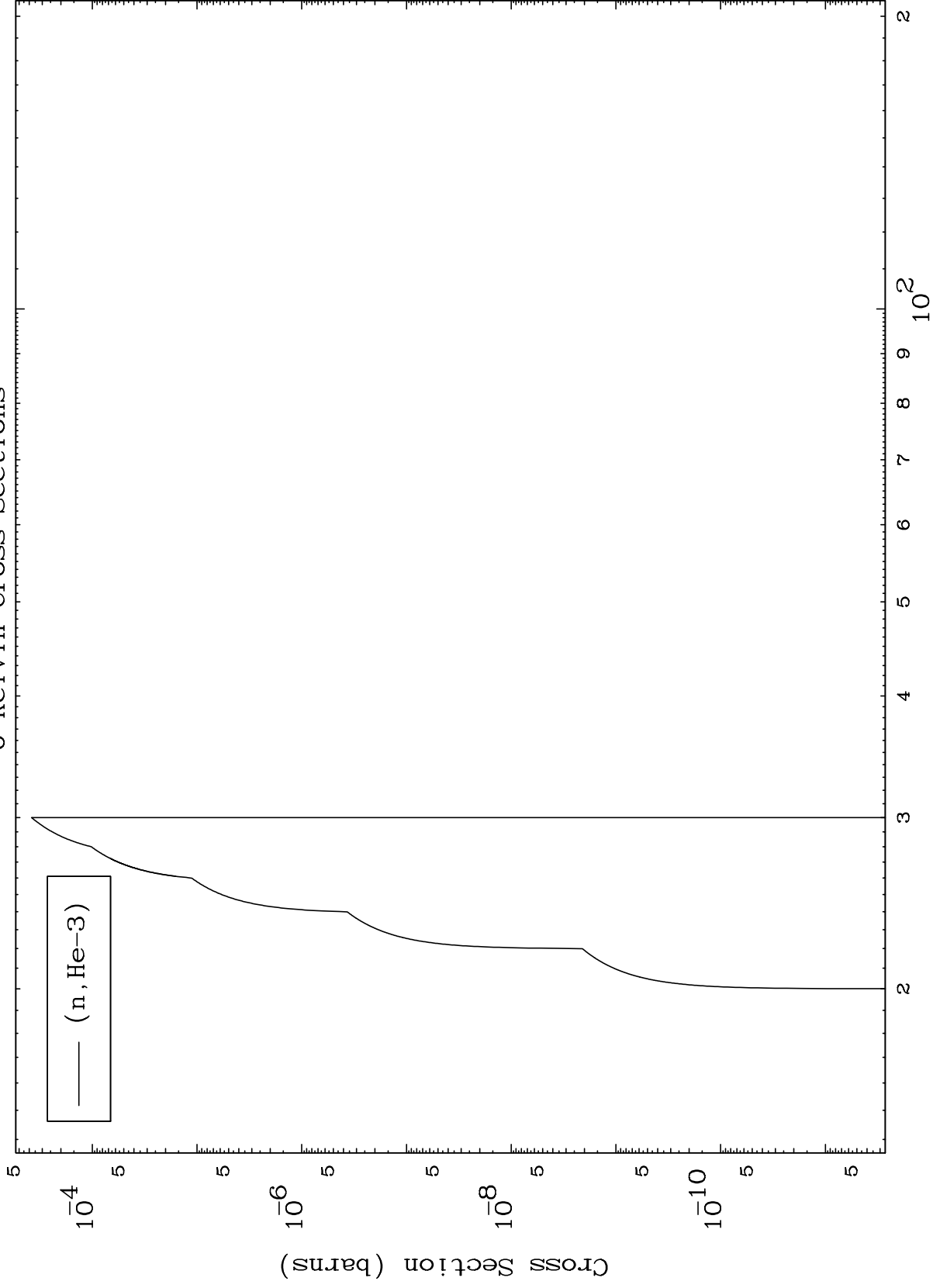
39-Y -91m



MAT 3932

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

39-Y -91m



10

Incident Energy (MeV)

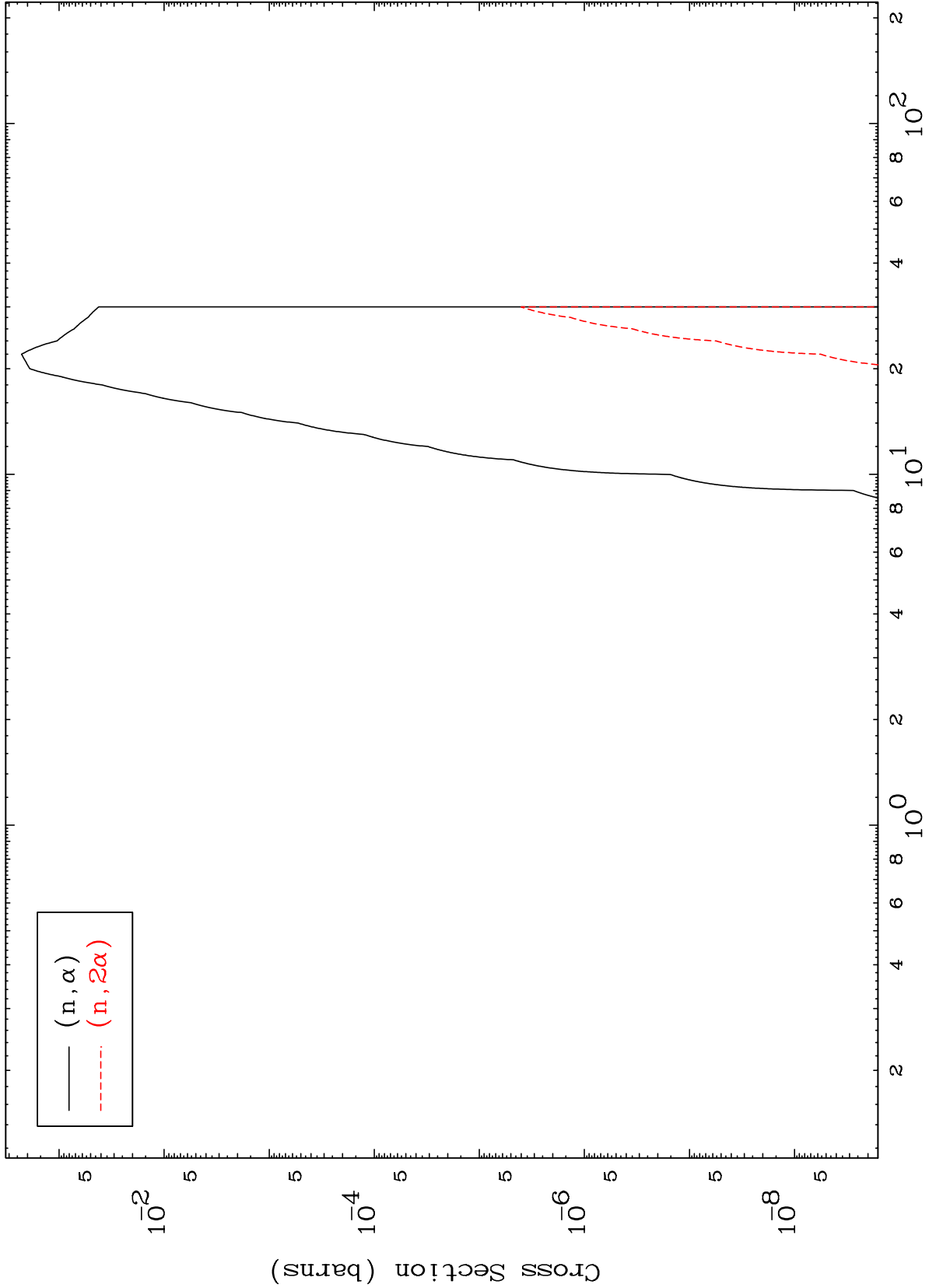
39-Y -91m

MAT 3932

(α, α) Levels

39-Y -91m

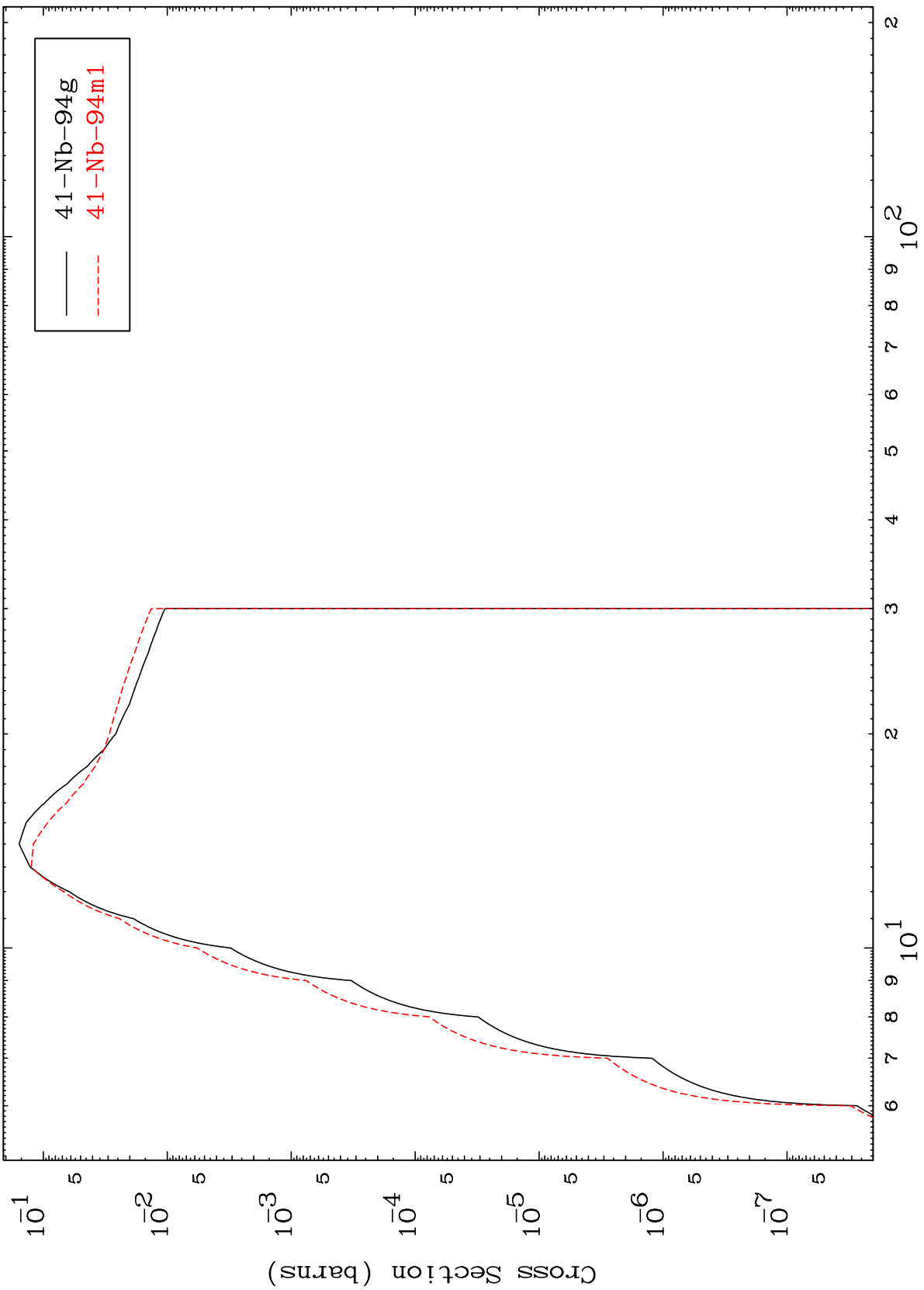
0 Kelvin Cross Sections



MAT 3932

39-Y -91m

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

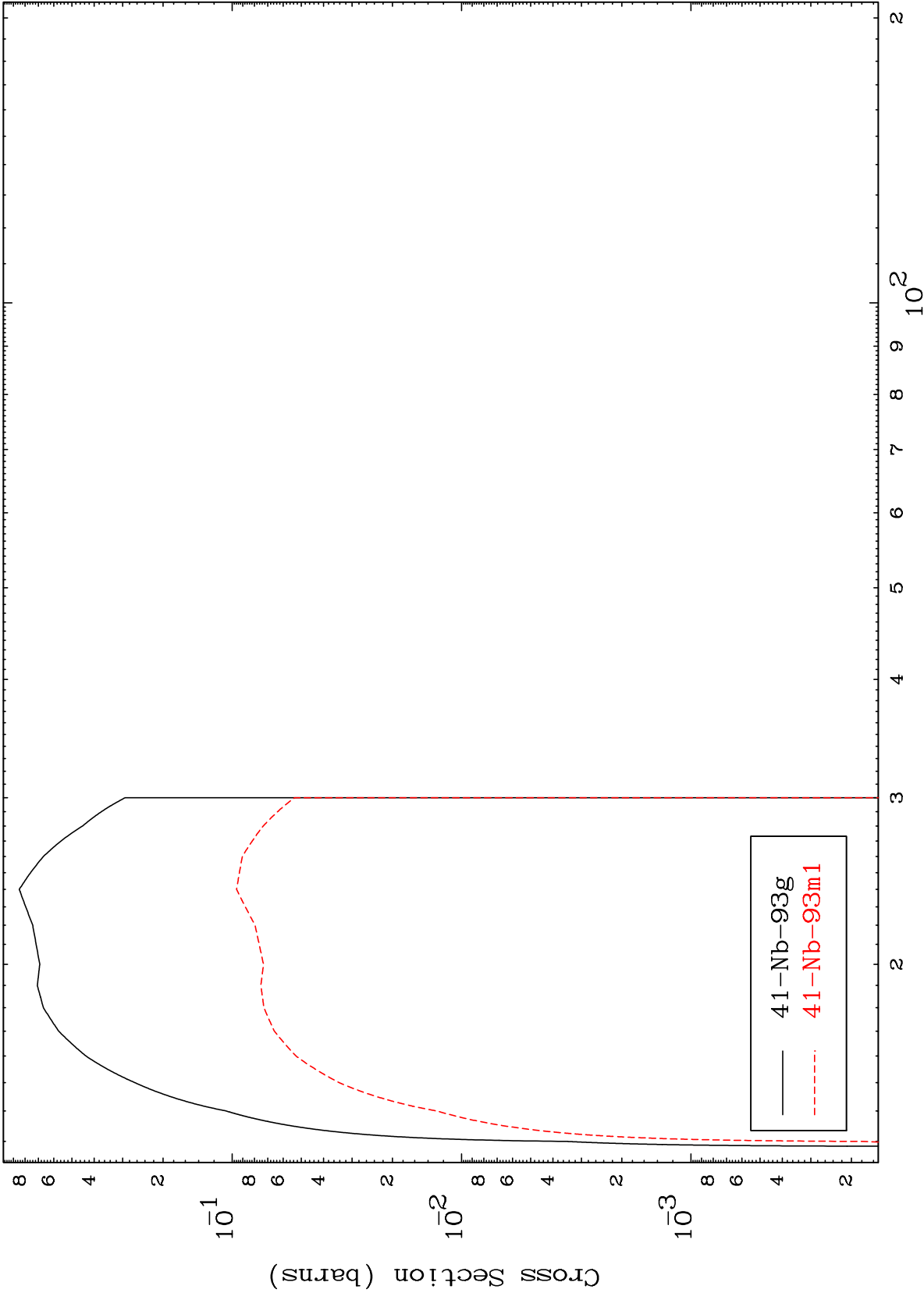
39-Y -91m

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(n,2n)

39-Y -91m

Radionuclide Production Cross Section



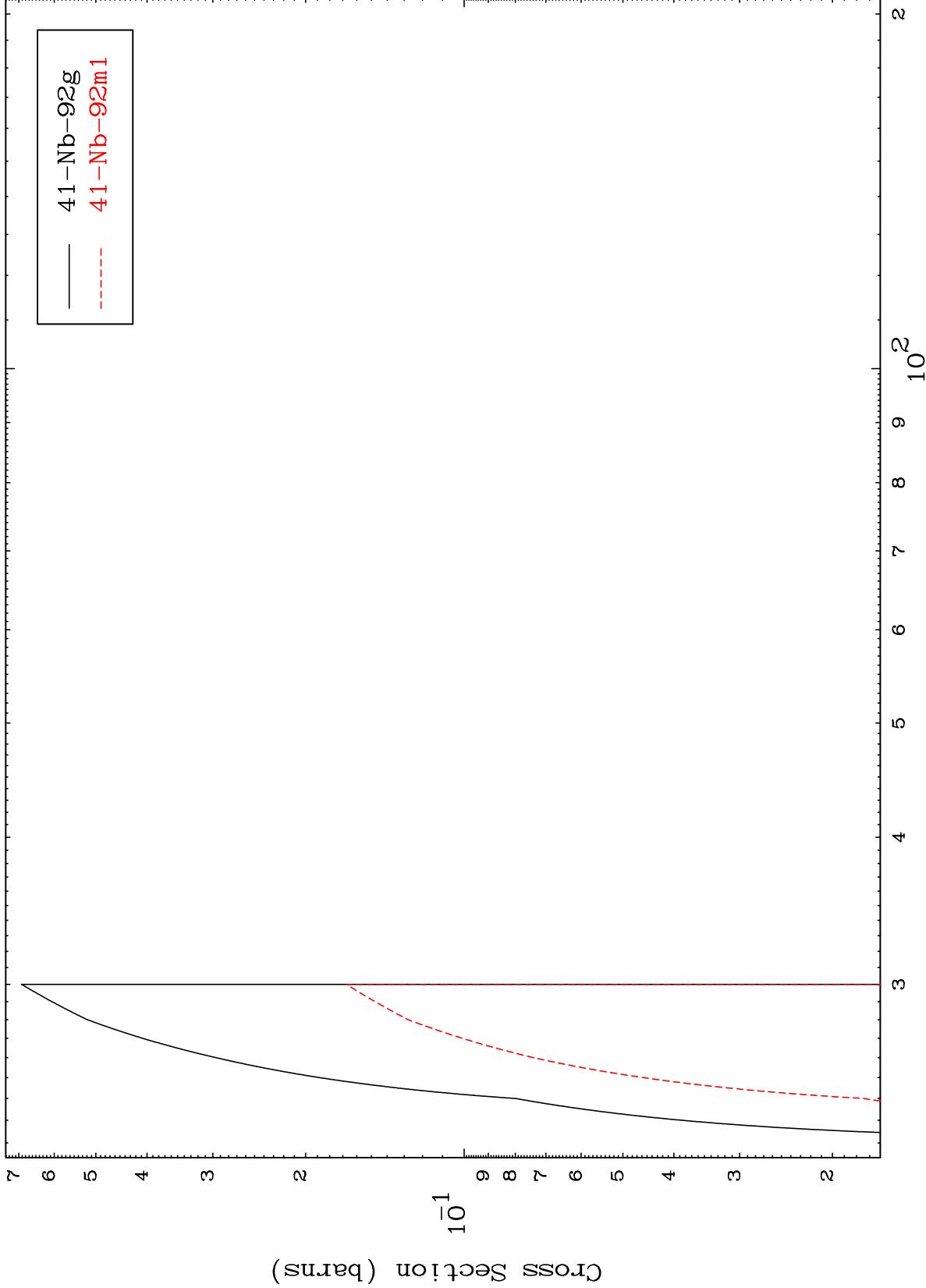
41-Nb-93g
41-Nb-93m1

MAT 3932

(n,3n)

39-Y -91m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

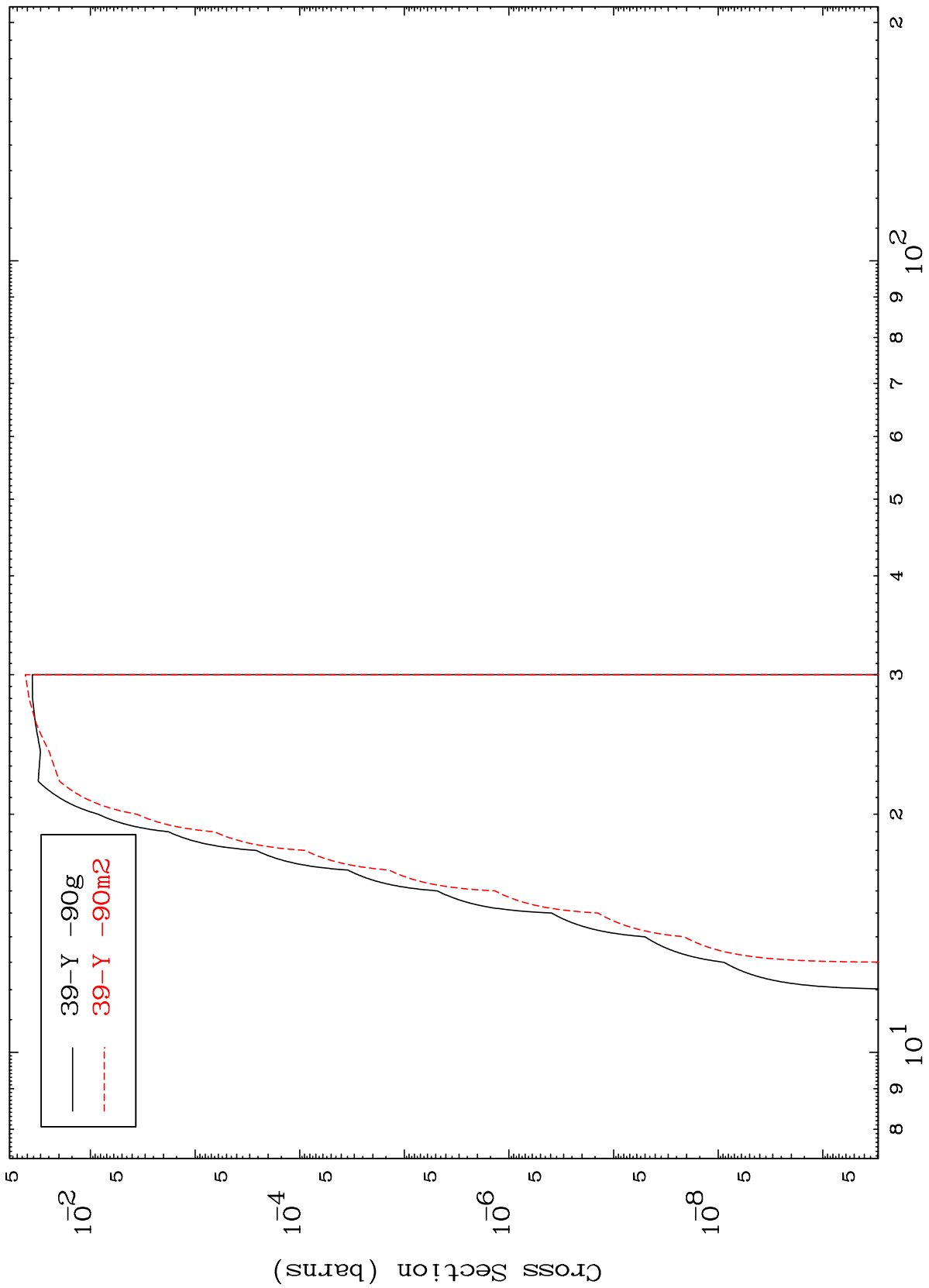
39-Y -91m

MAT 3932

39-Y -91m

(n,n') α

Radionuclide Production Cross Section



39-Y -90g
39-Y -90m2

39-Y -91m

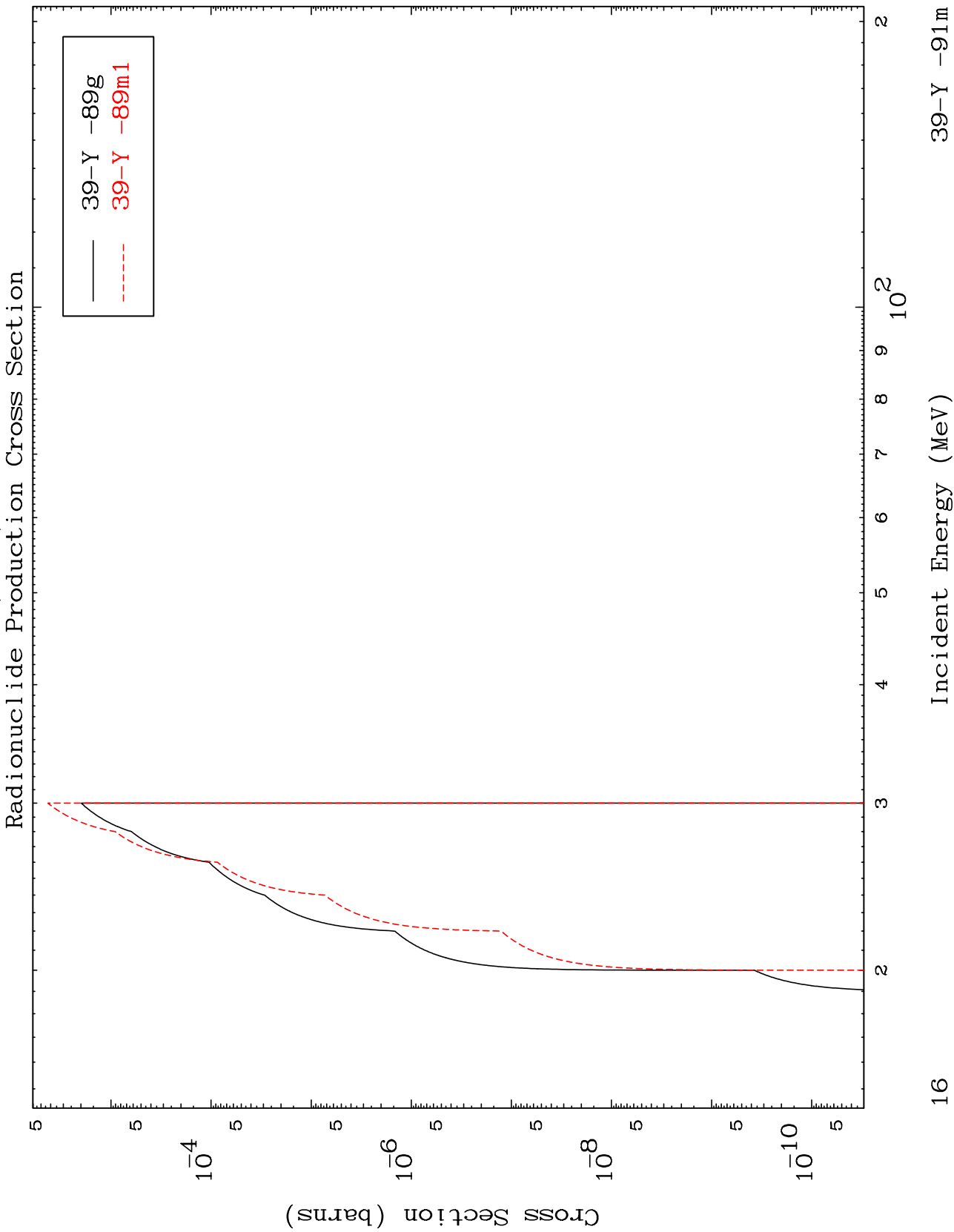
Incident Energy (MeV)

15

MAT 3932

$(n,2n) \alpha$

39-Y -91m



16

Incident Energy (MeV)

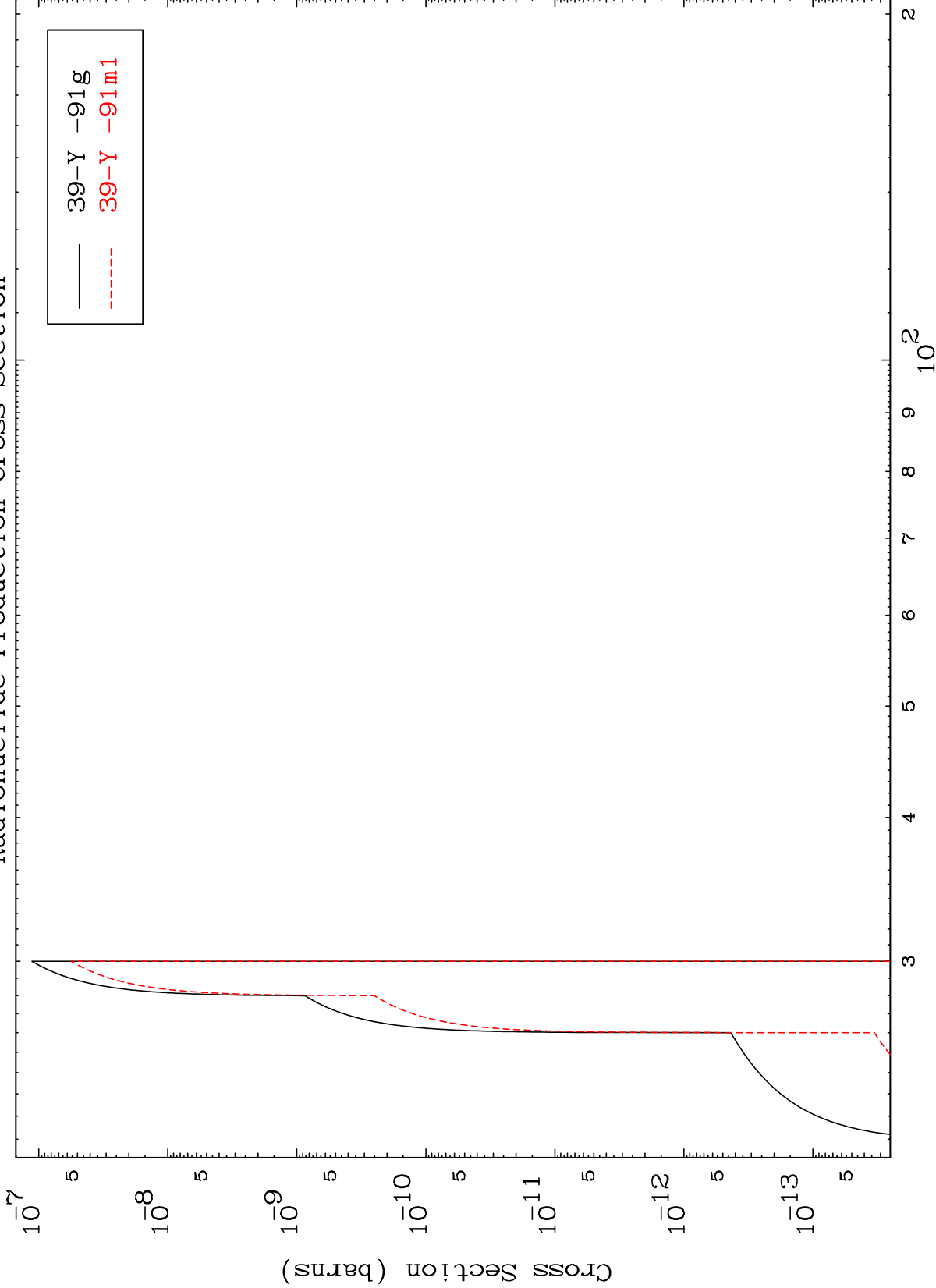
39-Y -91m

MAT 3932

(n,n') He-3

39-Y -91m

Radionuclide Production Cross Section



39-Y -91g
39-Y -91m1

17

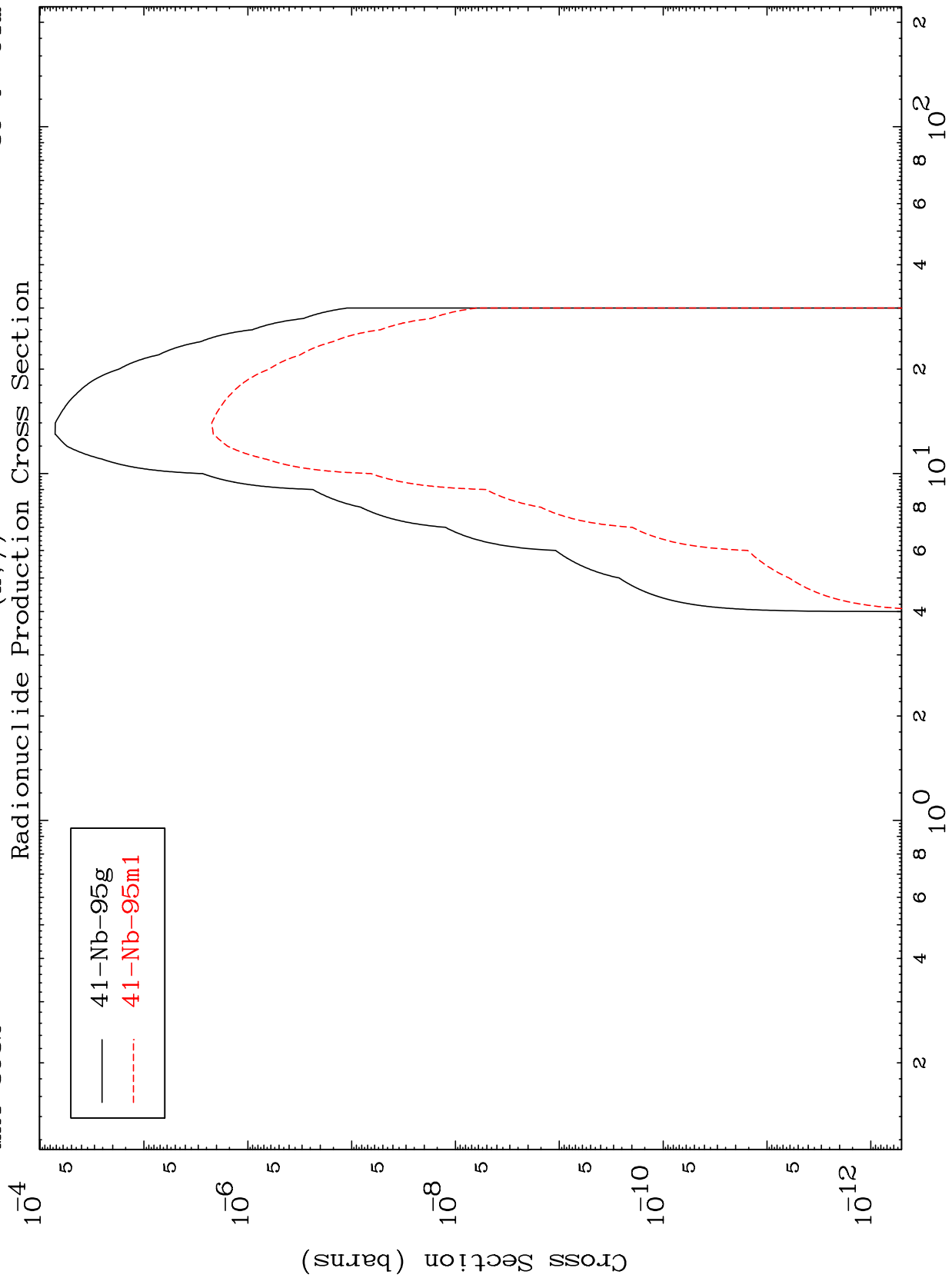
Incident Energy (MeV)

39-Y -91m

MAT 3932

39-Y -91m

(n, γ)
Radionuclide Production Cross Section



— 41-Nb-95g
- - - 41-Nb-95m1

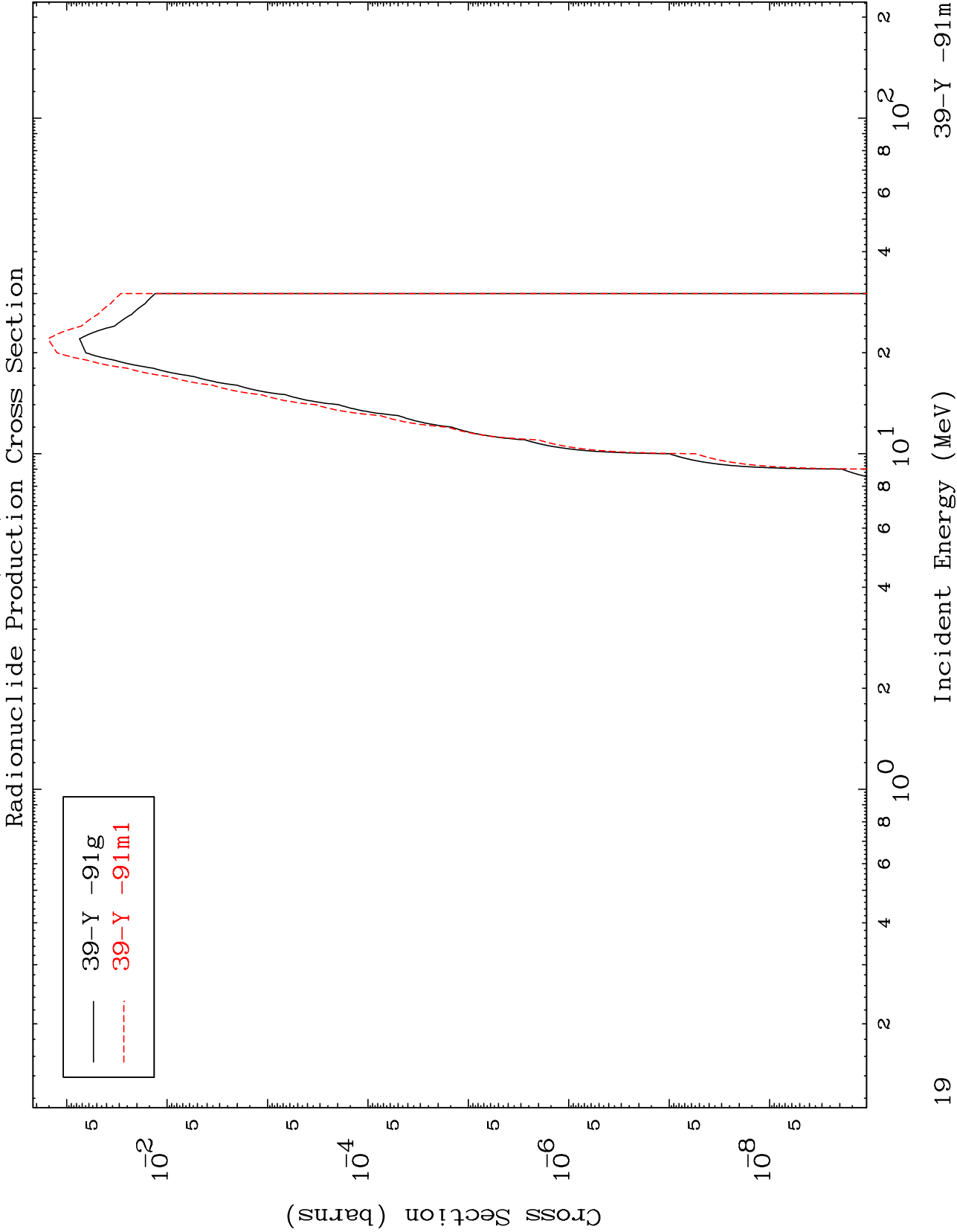
39-Y -91m

Incident Energy (MeV)

18

MAT 3932

39-Y -91m

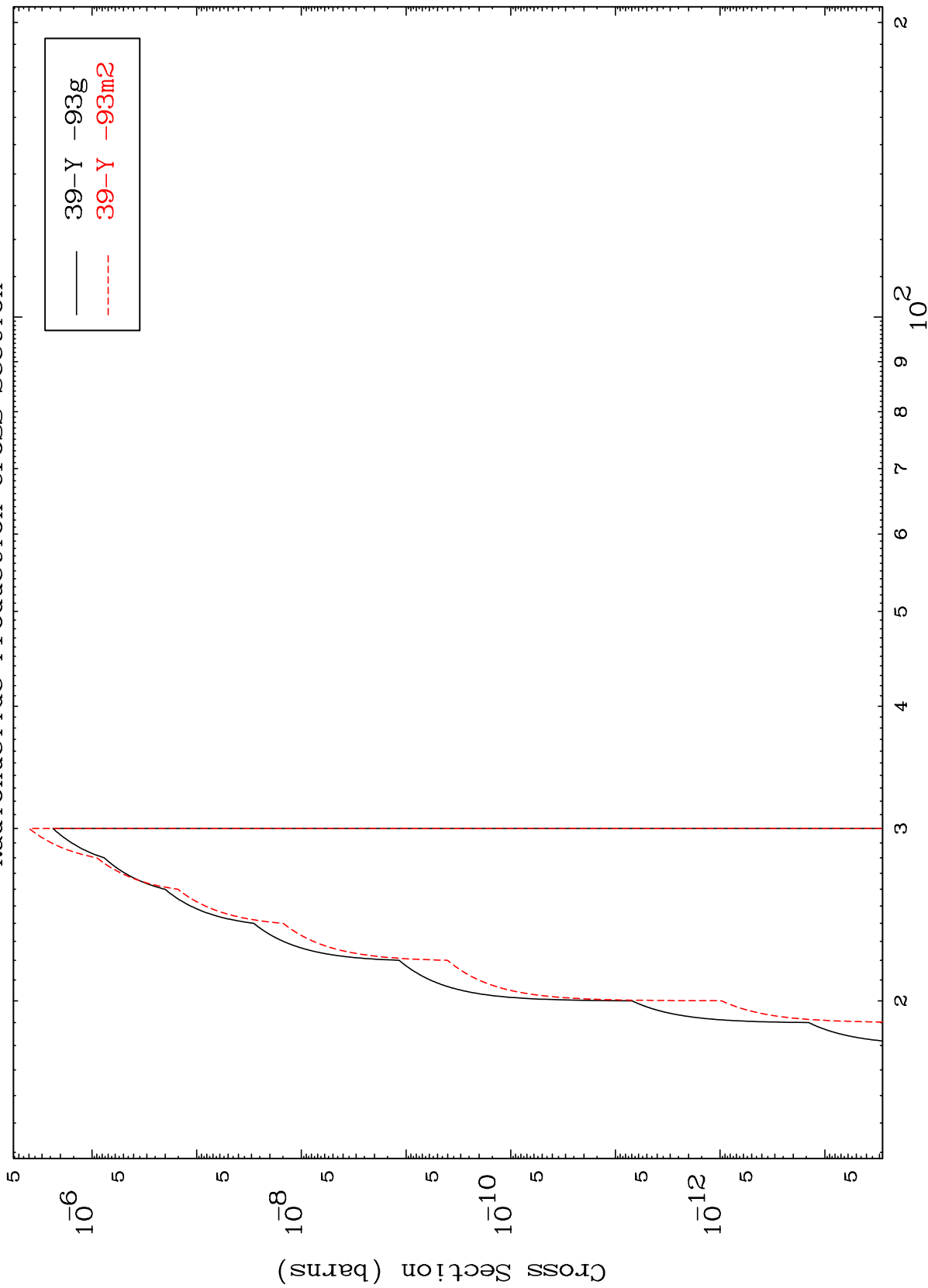


— 39-Y -91g
- - - 39-Y -91m1

MAT 3932

39-Y -91m

(n,2p)
Radionuclide Production Cross Section



39-Y -91m

Incident Energy (MeV)

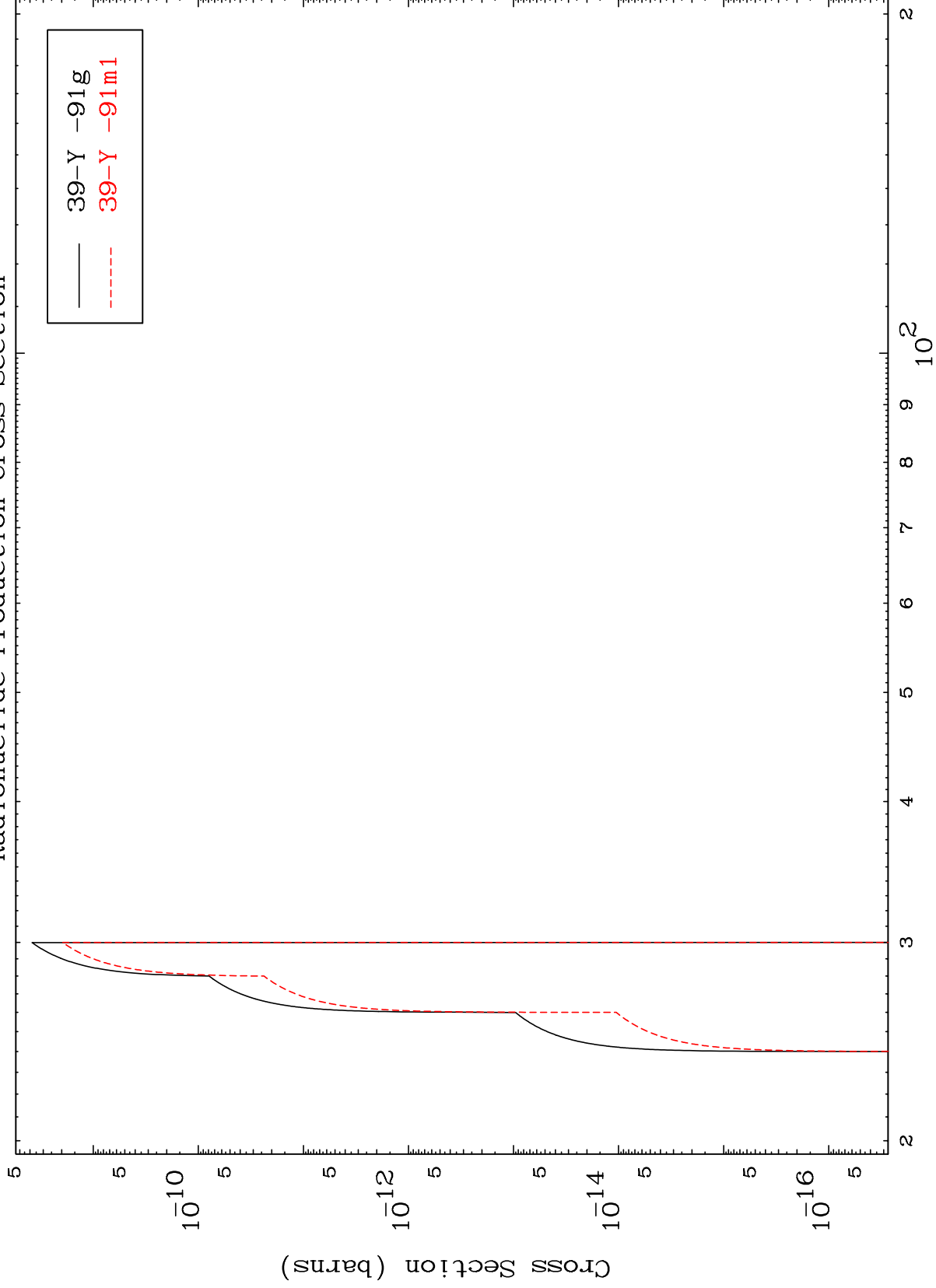
20

MAT 3932

(n,p) t

39-Y -91m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

39-Y -91m