

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

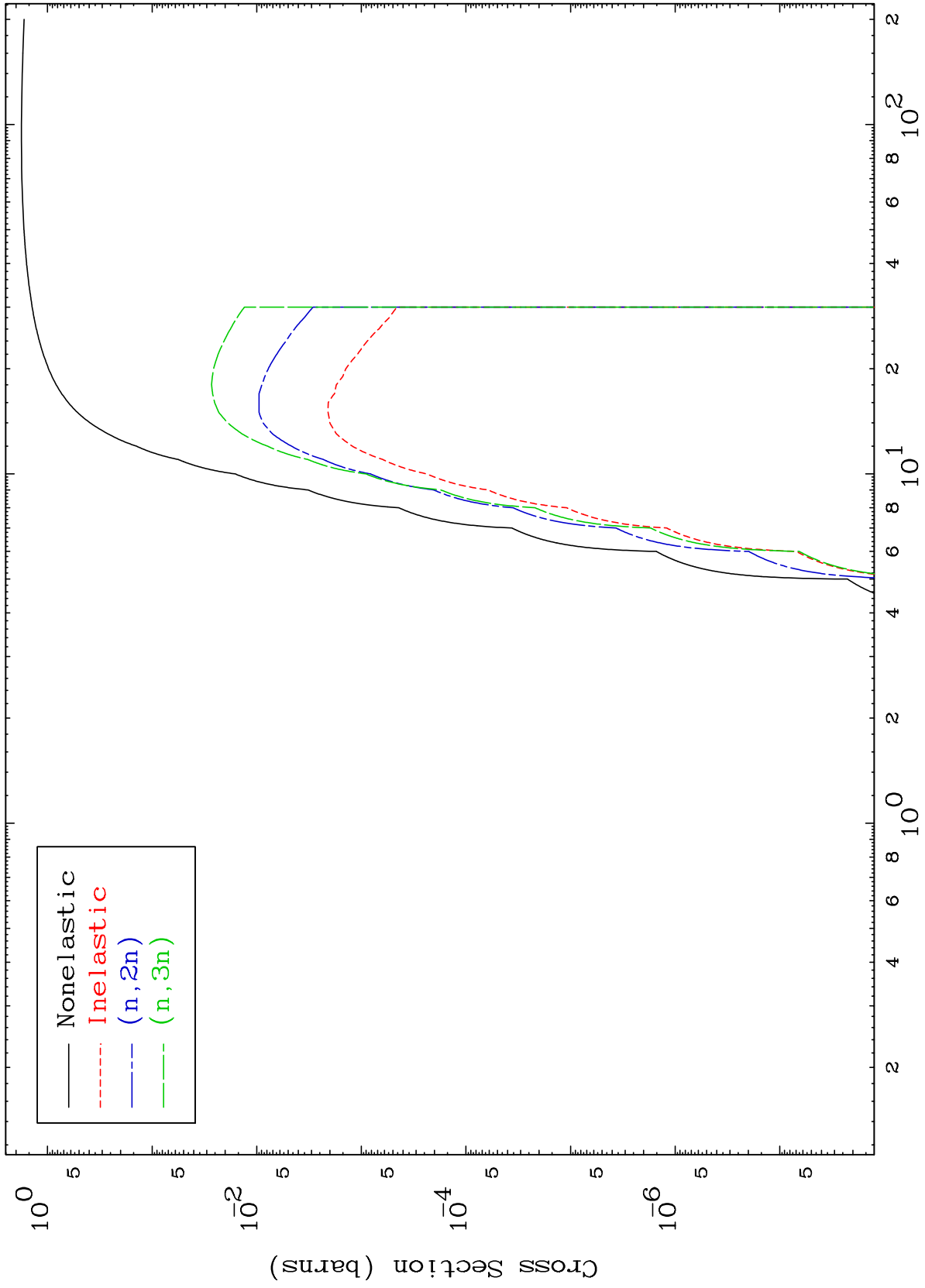
Press Mouse Button to Start

MAT 3949

He-3 Major

0 Kelvin Cross Sections

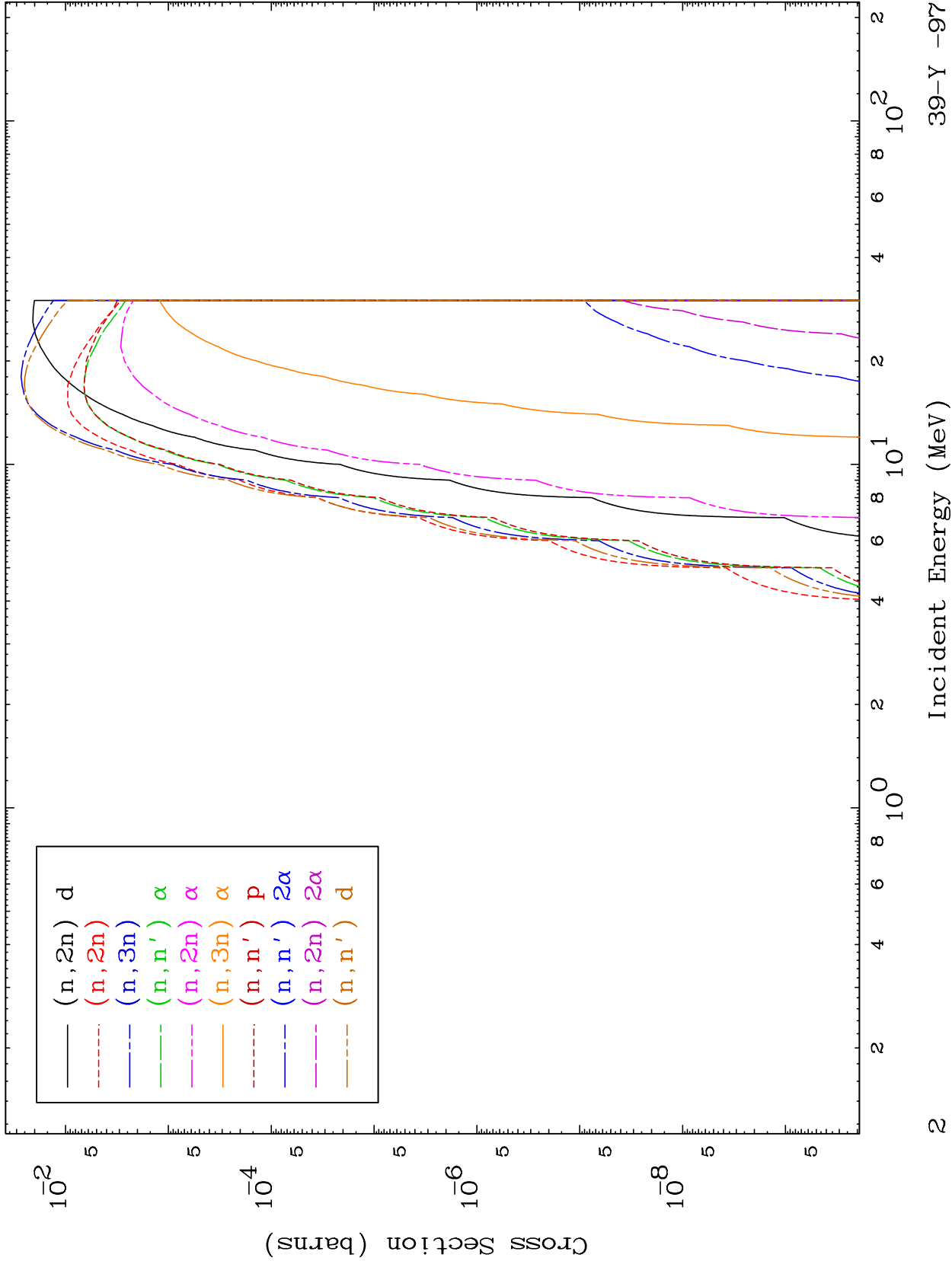
39-Y -97

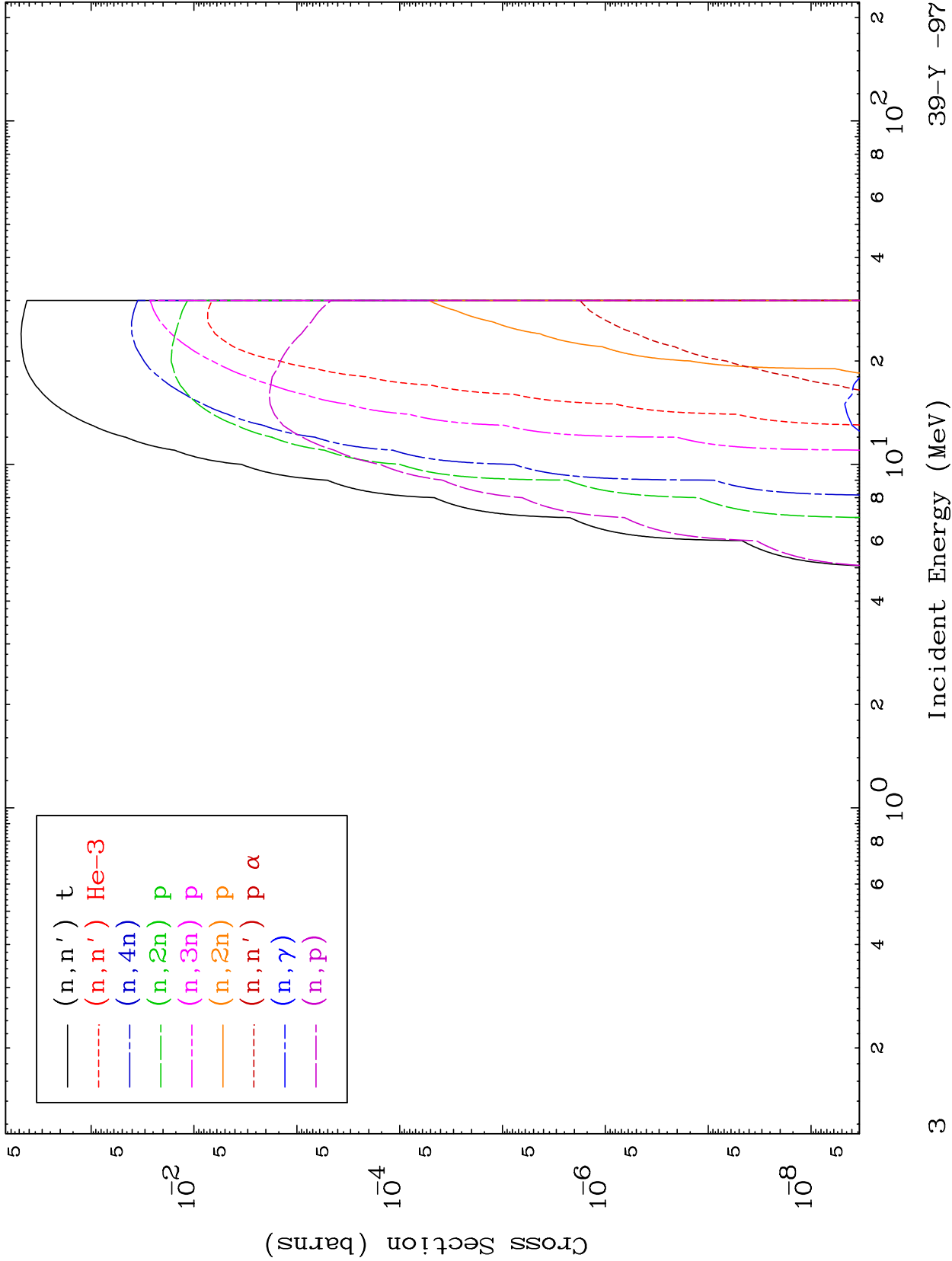


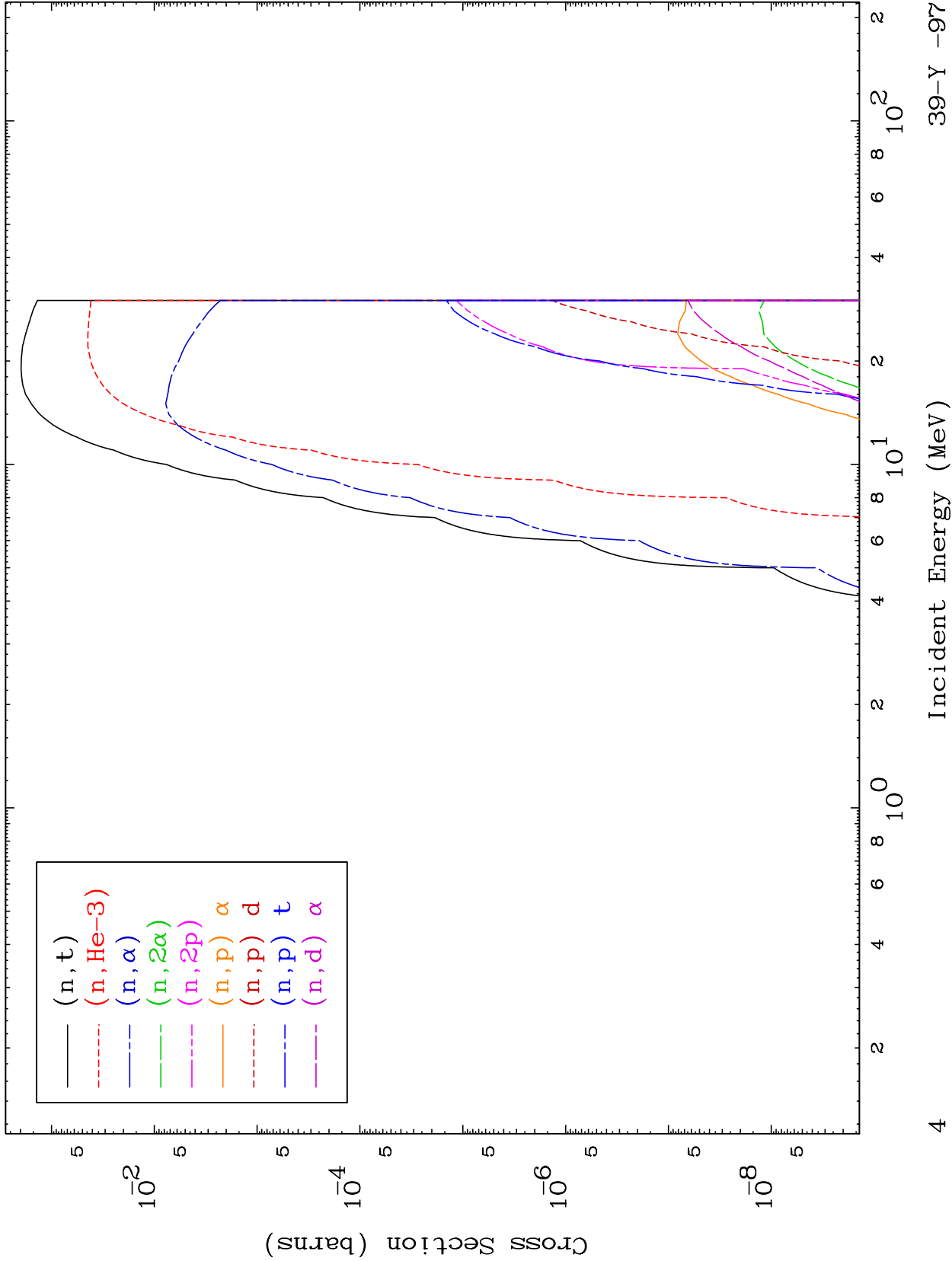
MAT 3949

He-3 Neutron Absorption
0 Kelvin Cross Sections

39-Y -97



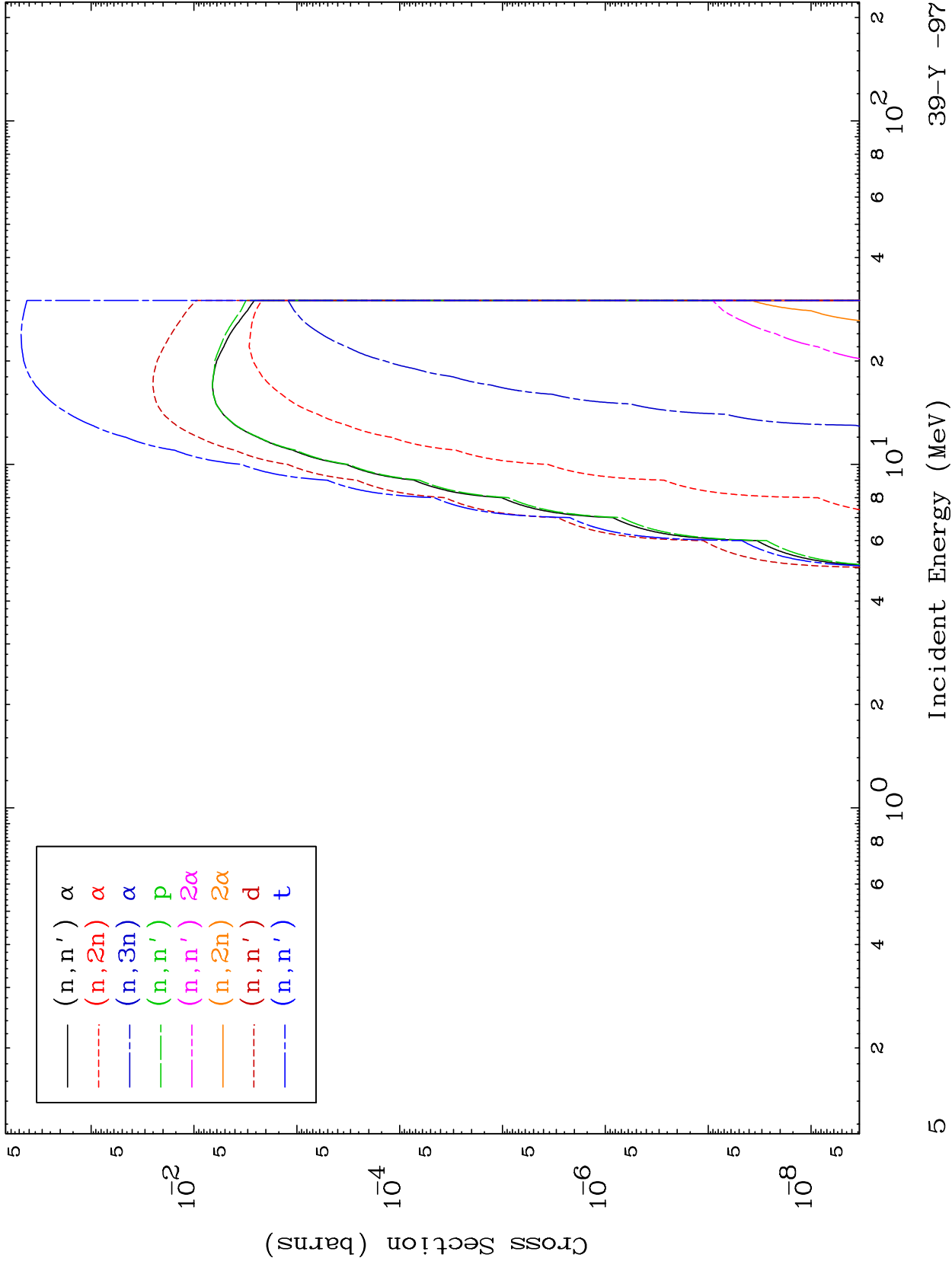




MAT 3949

He-3 Charged Particle
0 Kelvin Cross Sections

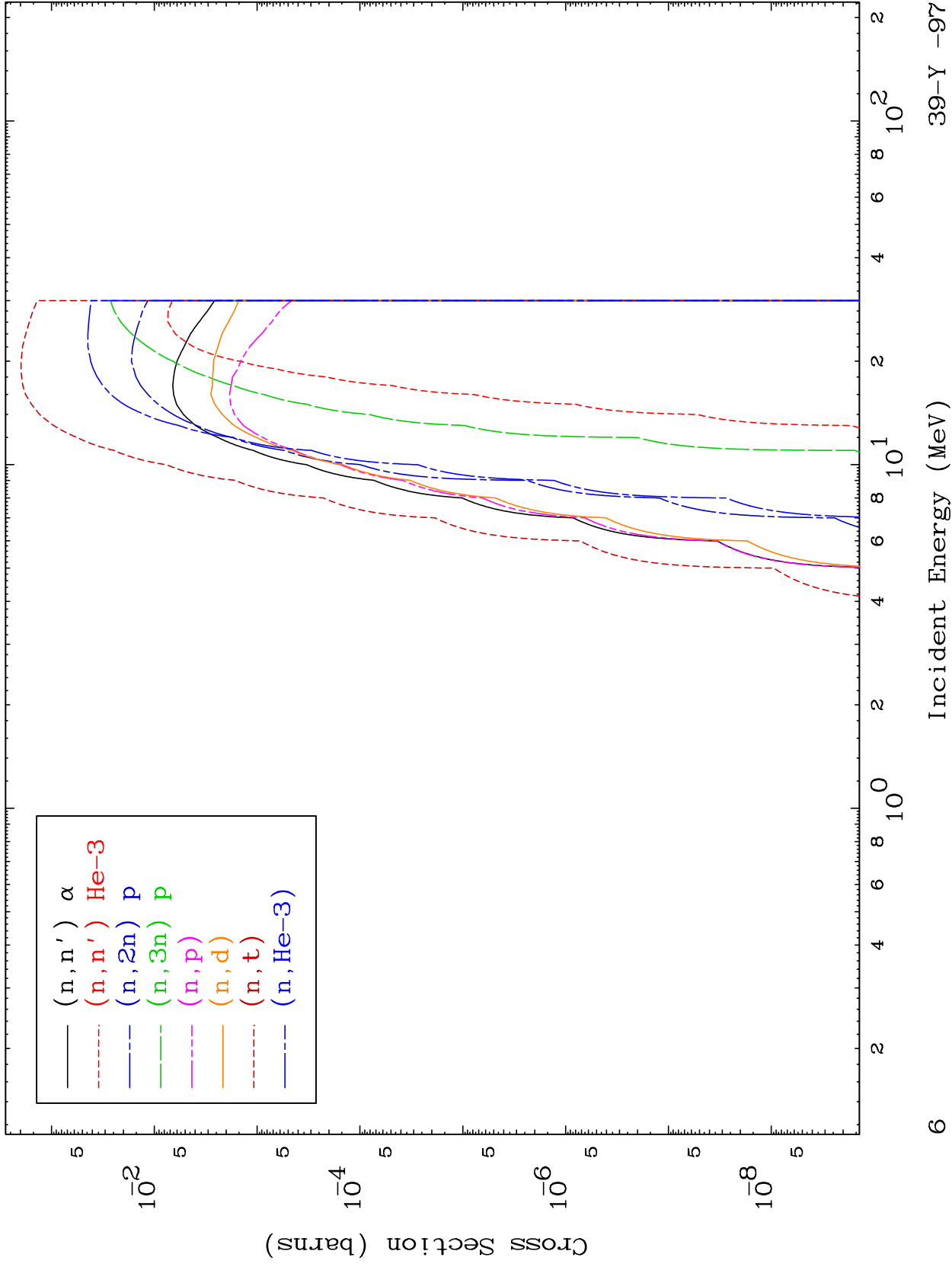
39-Y -97

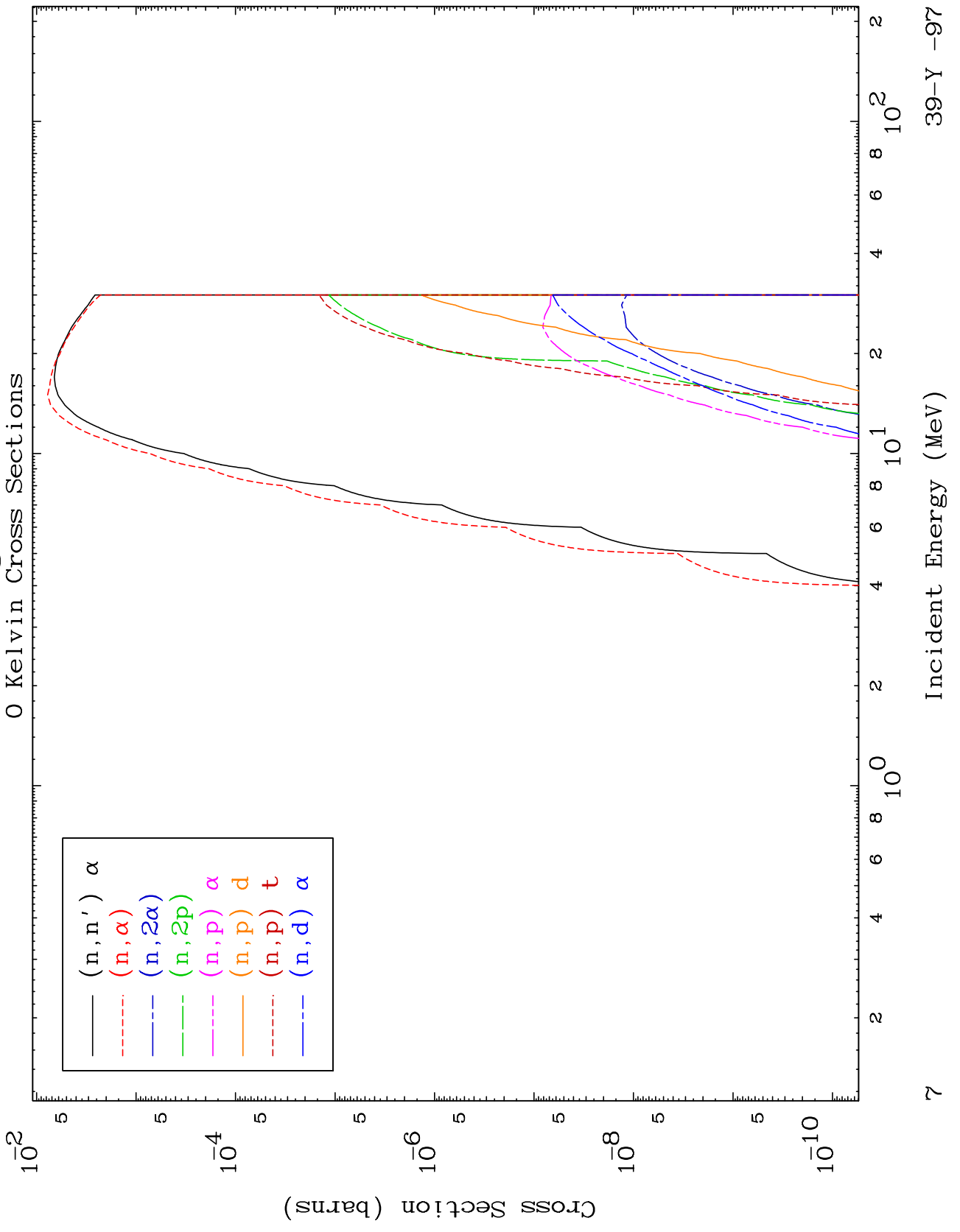


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Incident Energy (MeV)

39-Y -97

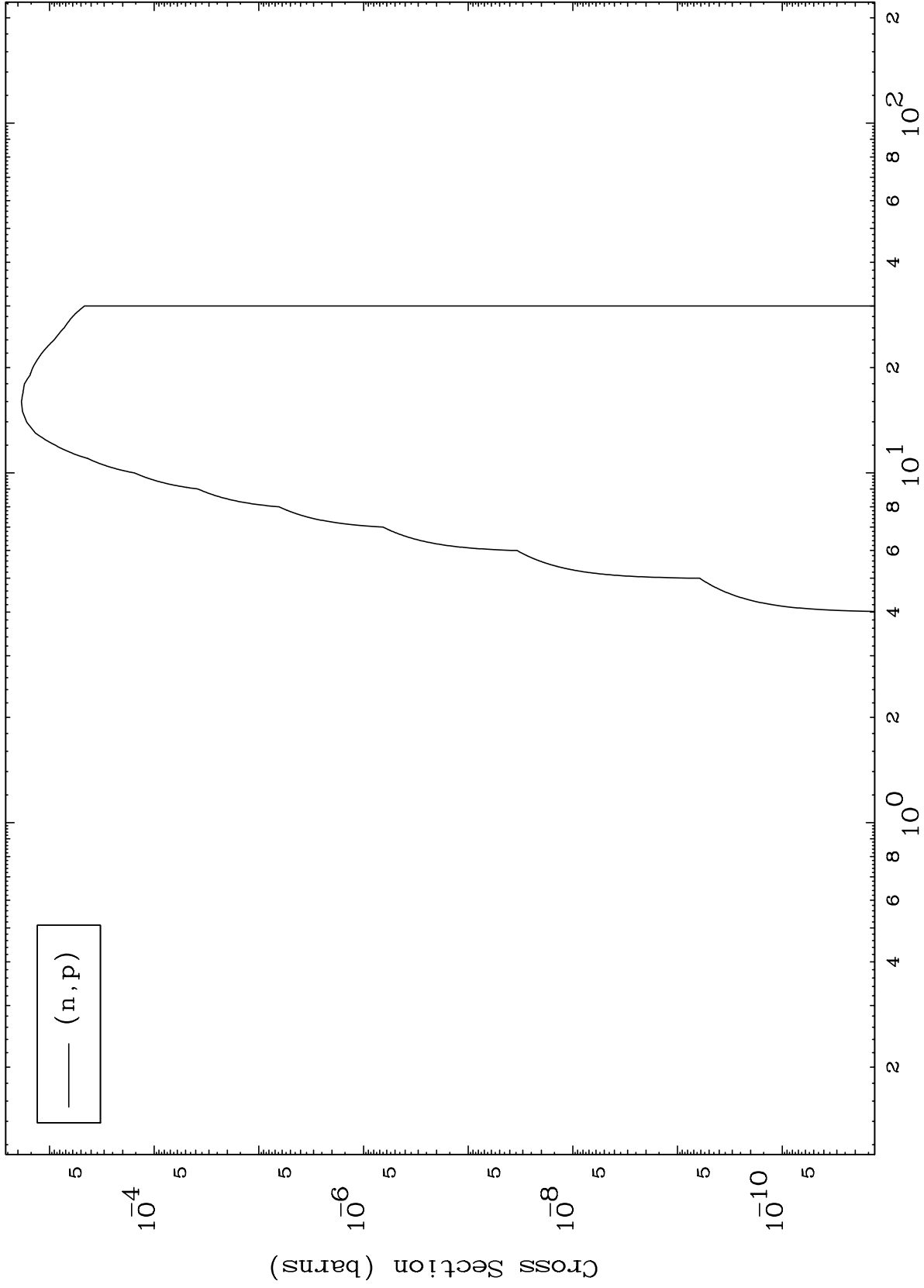




MAT 3949

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

39-Y -97



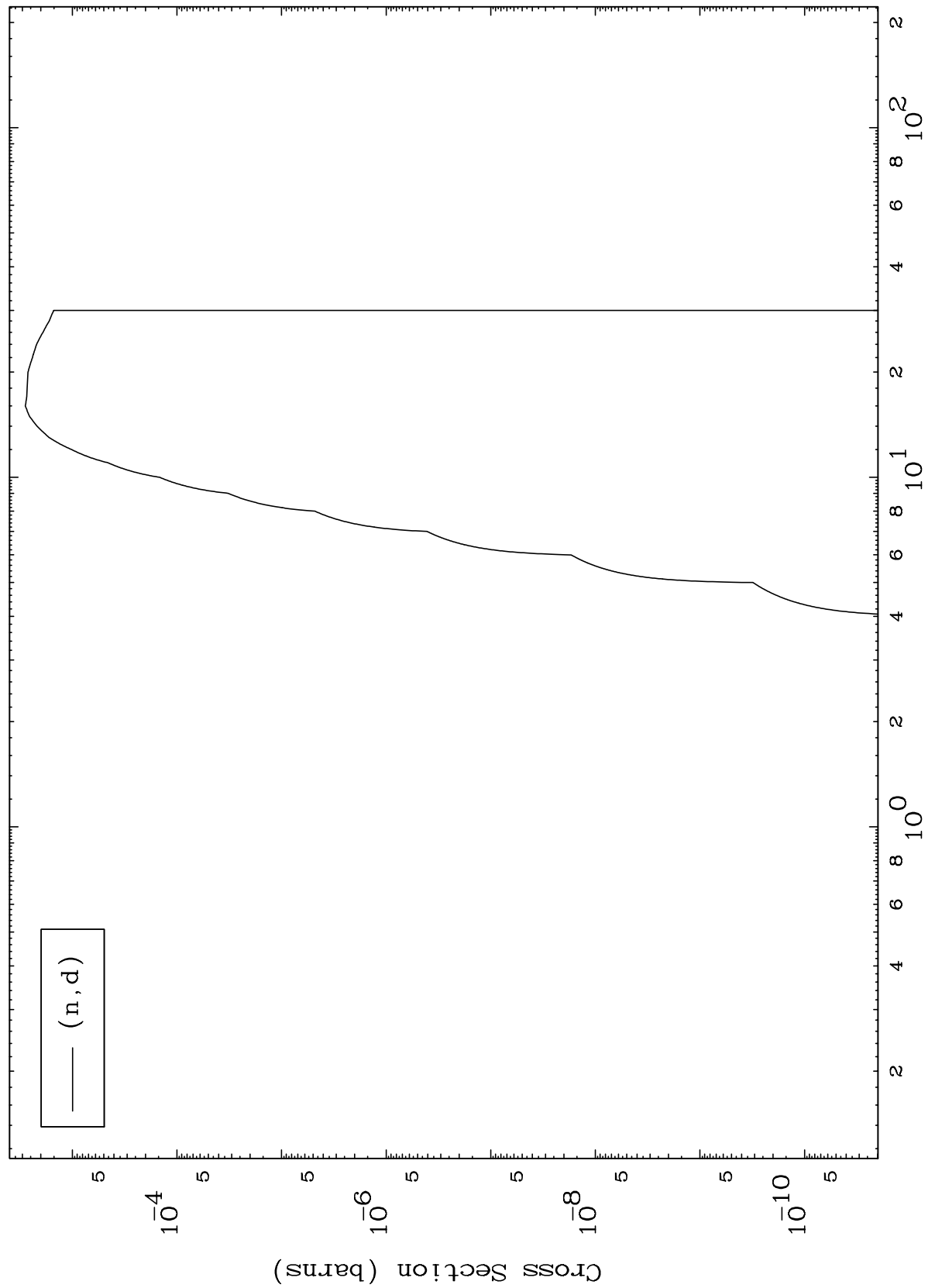
(n,p)

MAT 3949

(He-3,d) Levels

39-Y -97

0 Kelvin Cross Sections

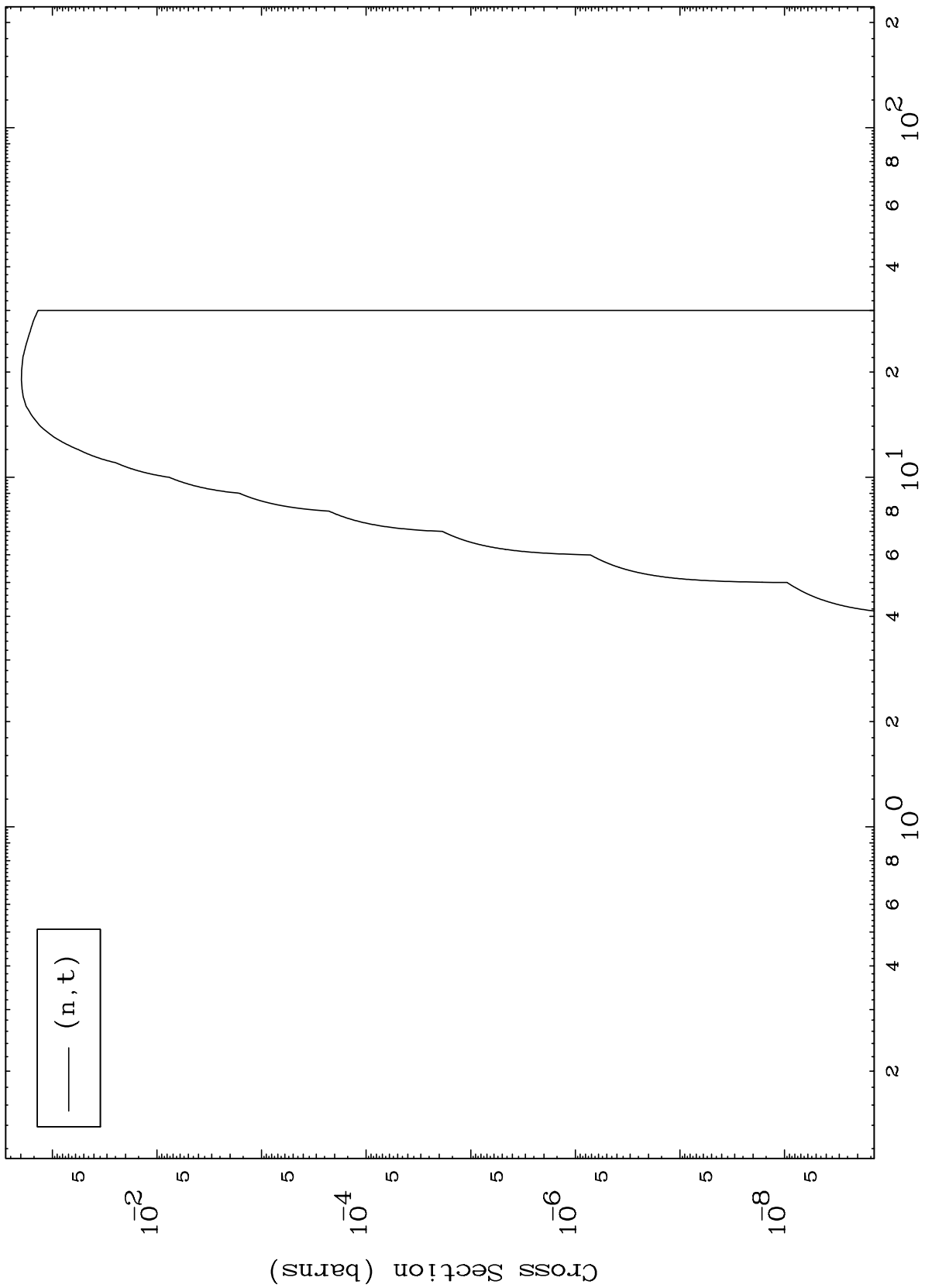


MAT 3949

(He-3,t) Levels

39-Y -97

0 Kelvin Cross Sections



10

Incident Energy (MeV)

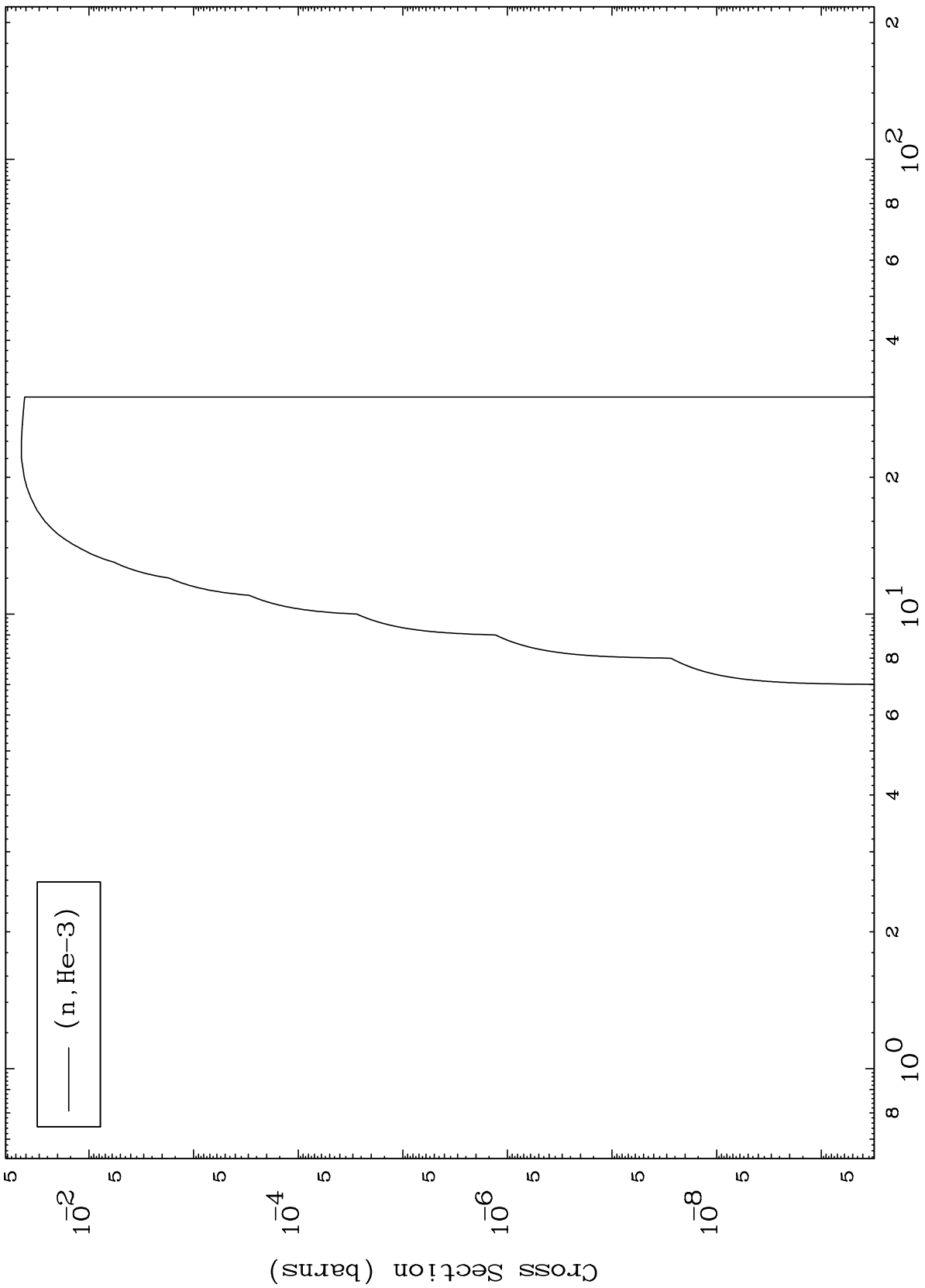
39-Y -97

MAT 3949

(He-3, He3) Levels

39-Y -97

0 Kelvin Cross Sections



(n, He-3)

11

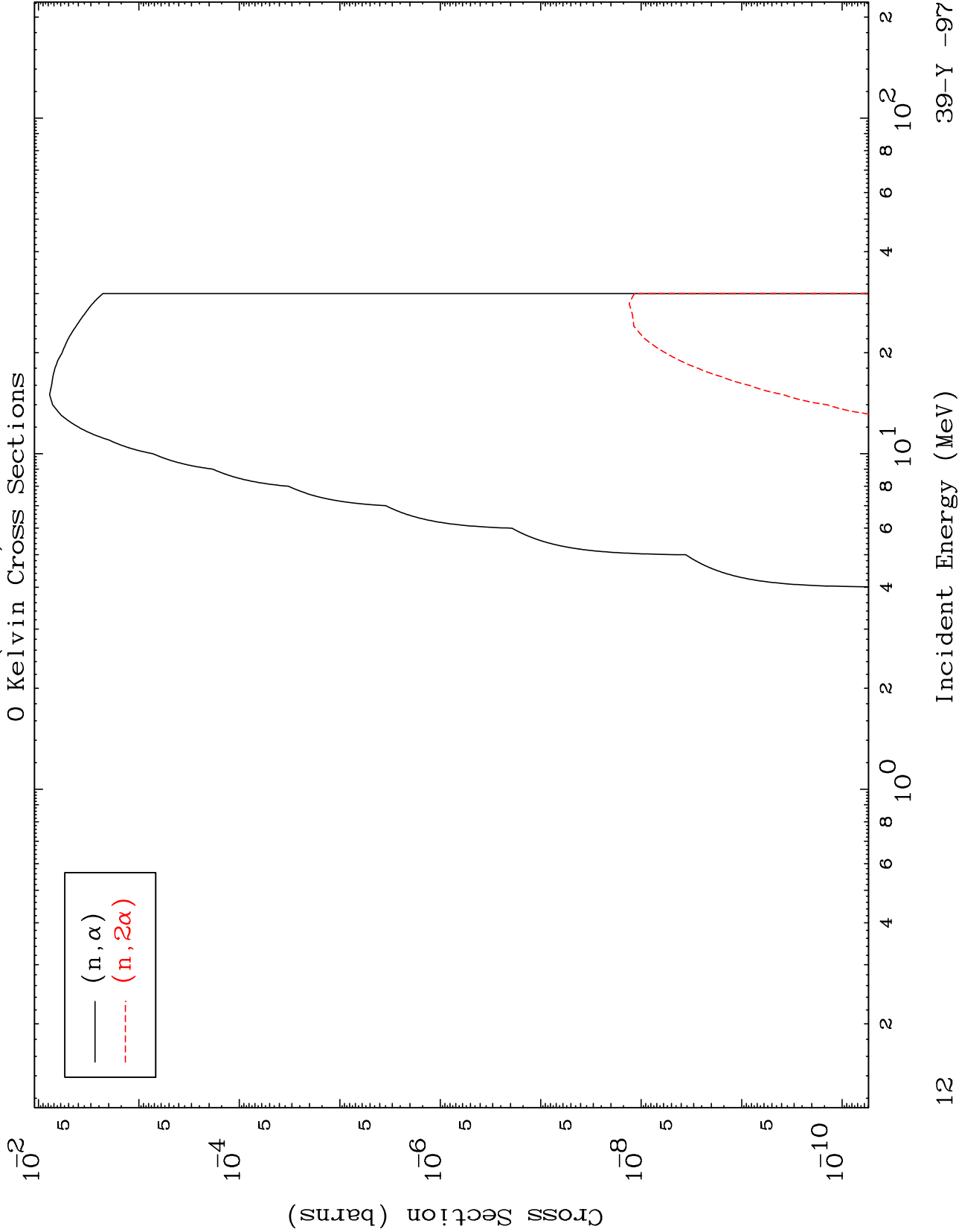
Incident Energy (MeV)

39-Y -97

MAT 3949

(He-3, α) Levels

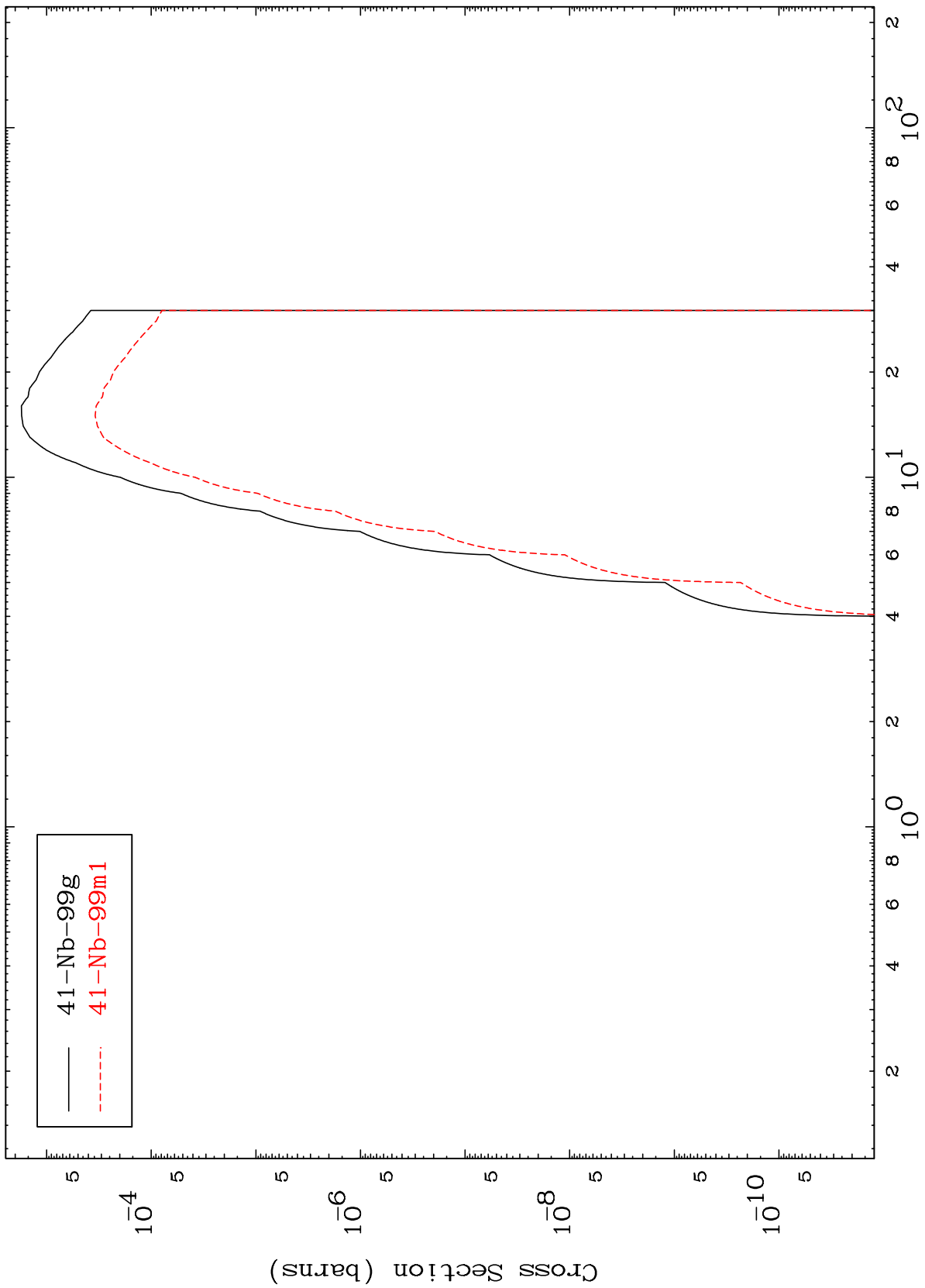
39-Y -97



MAT 3949

39-Y -97

Inelastic
Radionuclide Production Cross Section

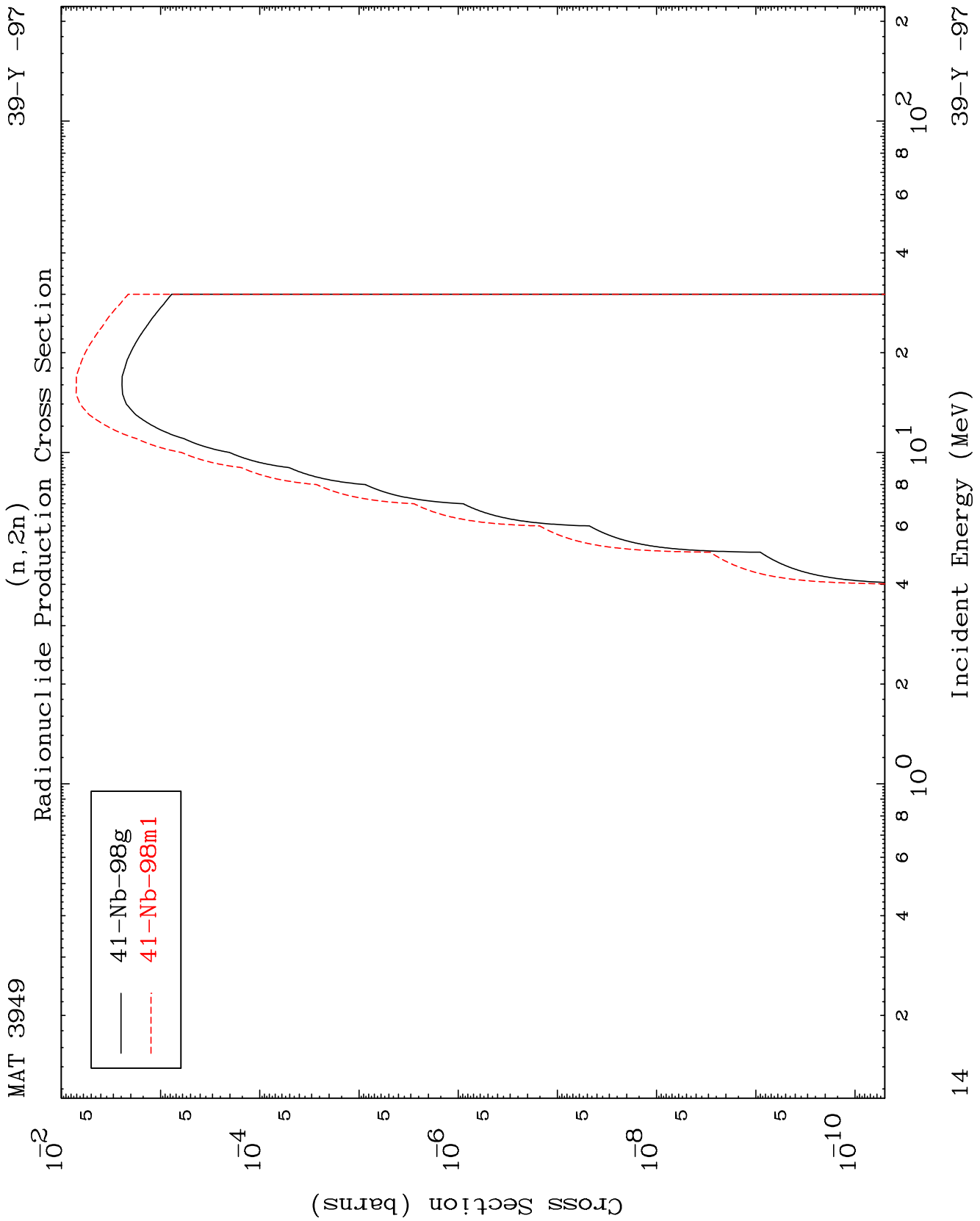


— 41-Nb-99g
- - - 41-Nb-99m1

39-Y -97

Incident Energy (MeV)

13

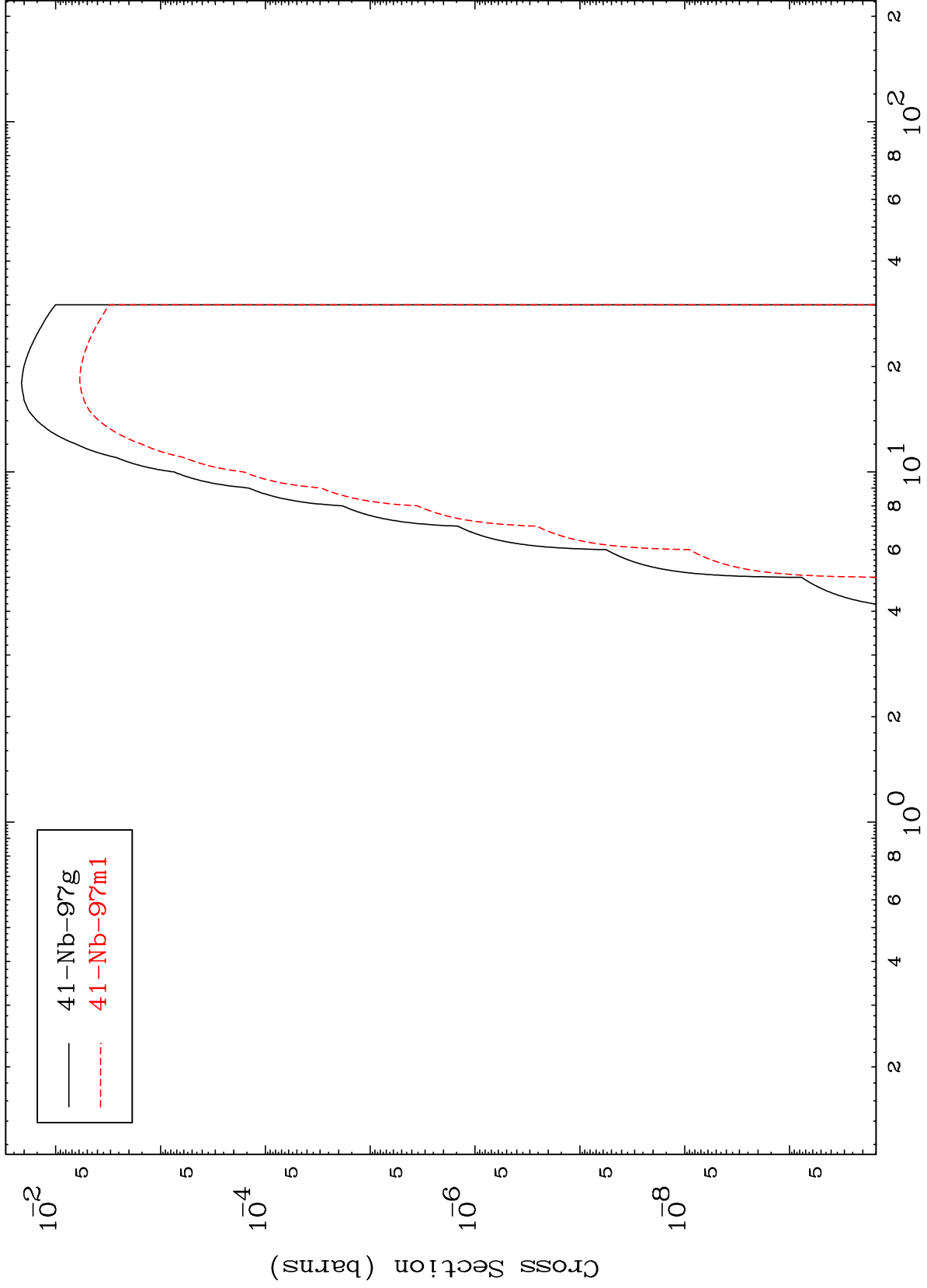


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(n,3n)

39-Y -97

Radionuclide Production Cross Section



15

Incident Energy (MeV)

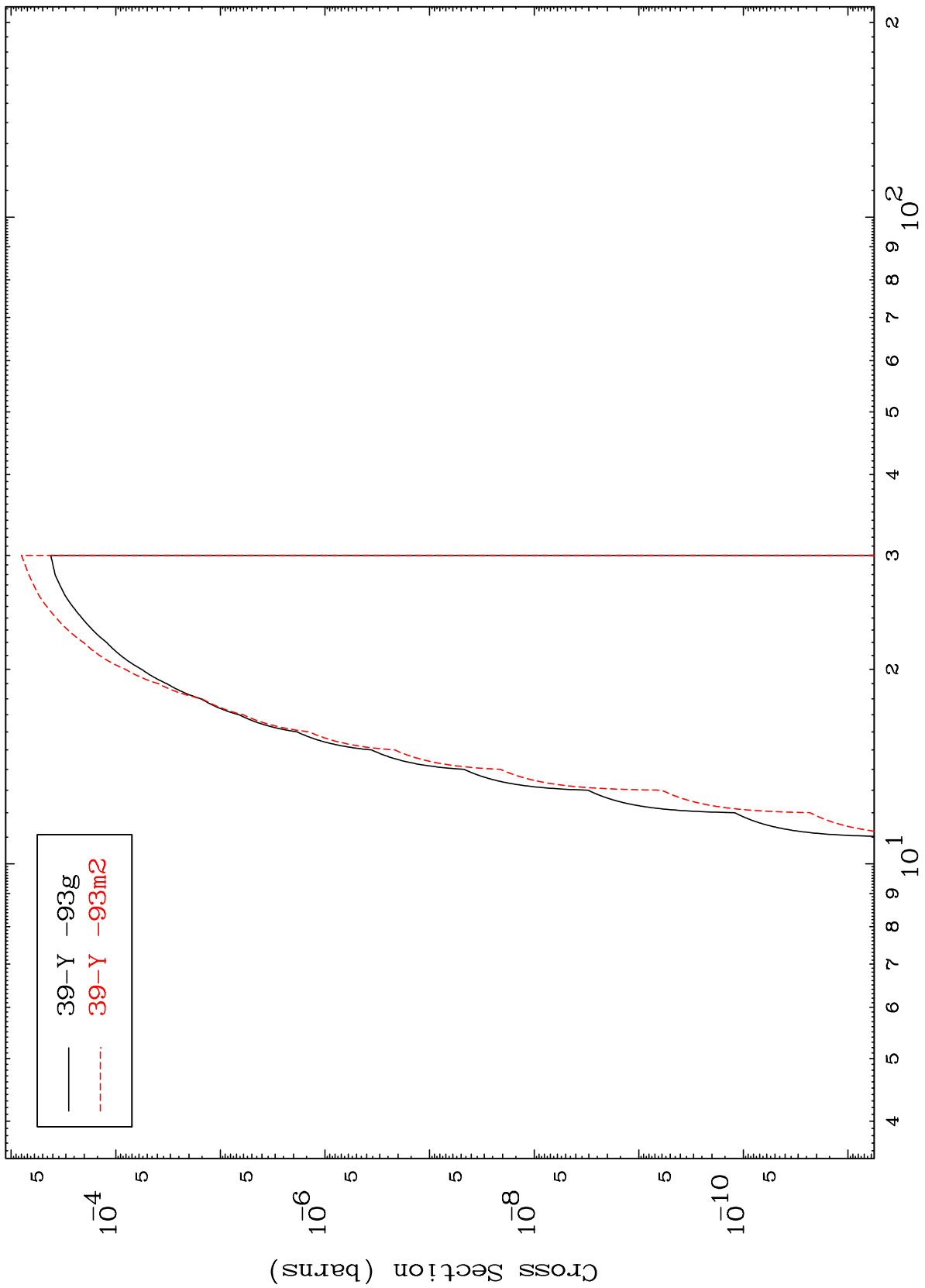
39-Y -97

MAT 3949

^{39}Y α

^{39}Y -97

Radionuclide Production Cross Section



Legend:
— 39-Y -93g
- - - 39-Y -93m2

16

Incident Energy (MeV)

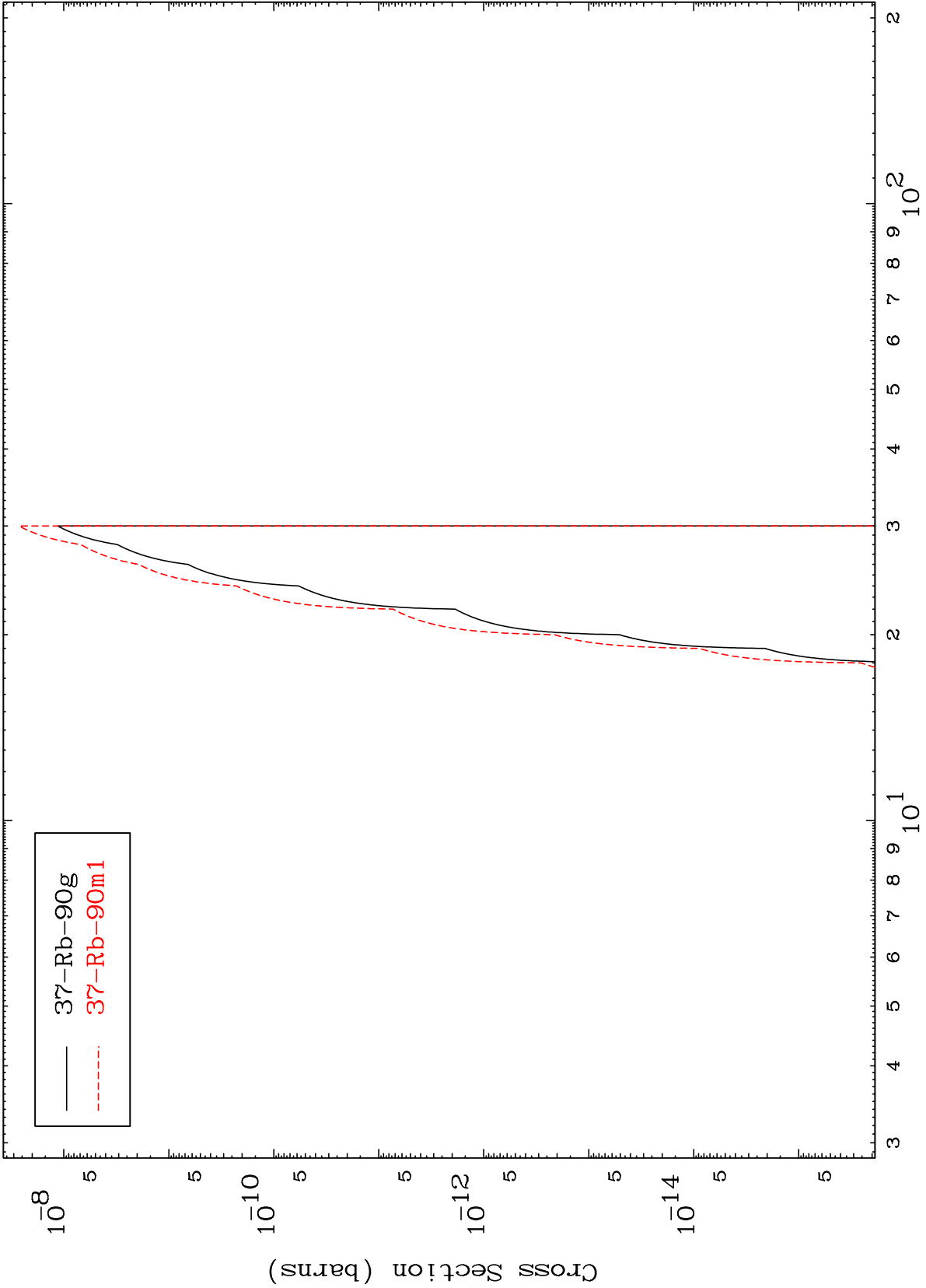
^{39}Y -97

MAT 3949

$(n,2n) 2\alpha$

39-Y -97

Radionuclide Production Cross Section



— 37-Rb-90g
- - - 37-Rb-90m1

17

Incident Energy (MeV)

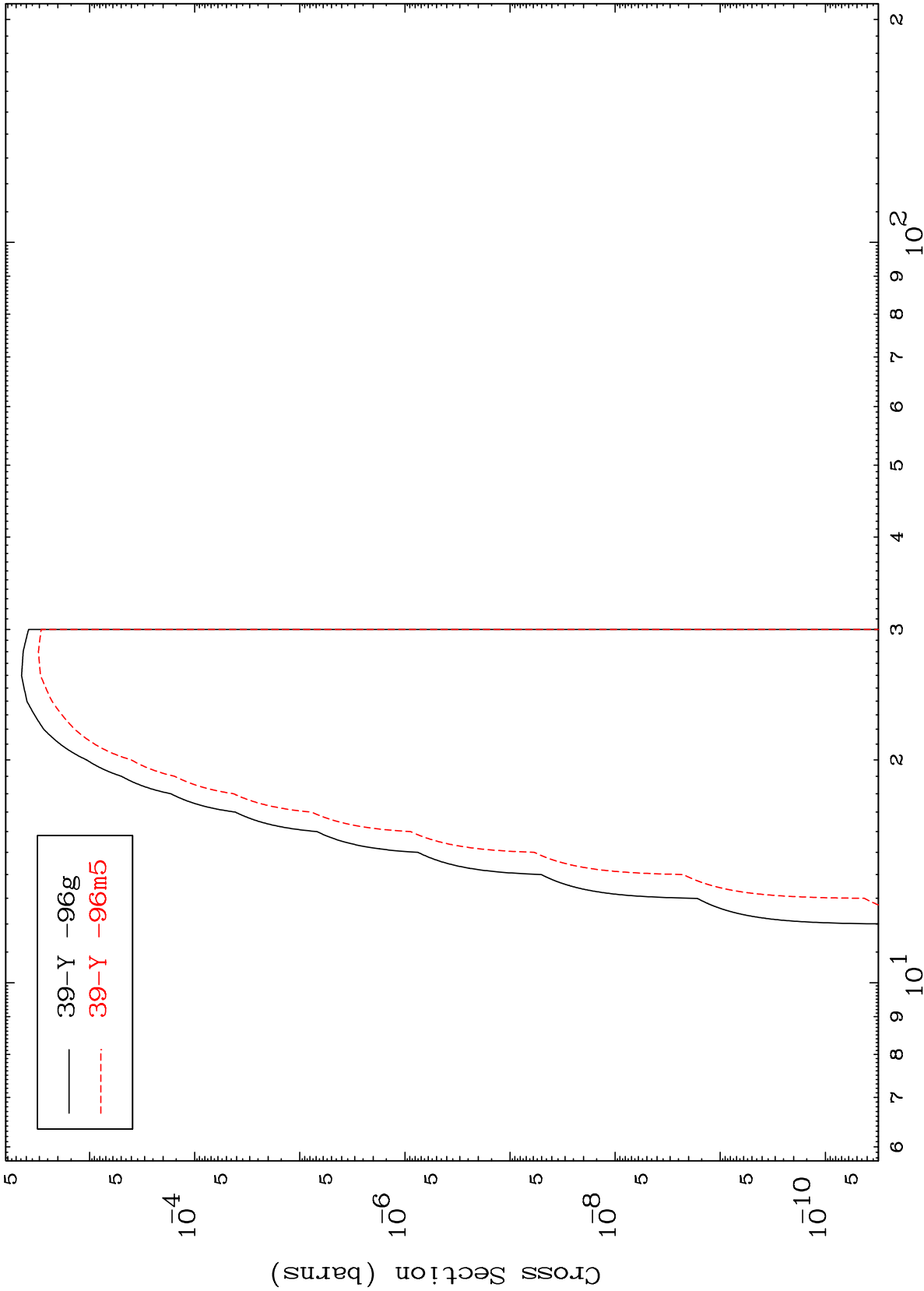
39-Y -97

MAT 3949

(n,n') He-3

39-Y -97

Radionuclide Production Cross Section



18

Incident Energy (MeV)

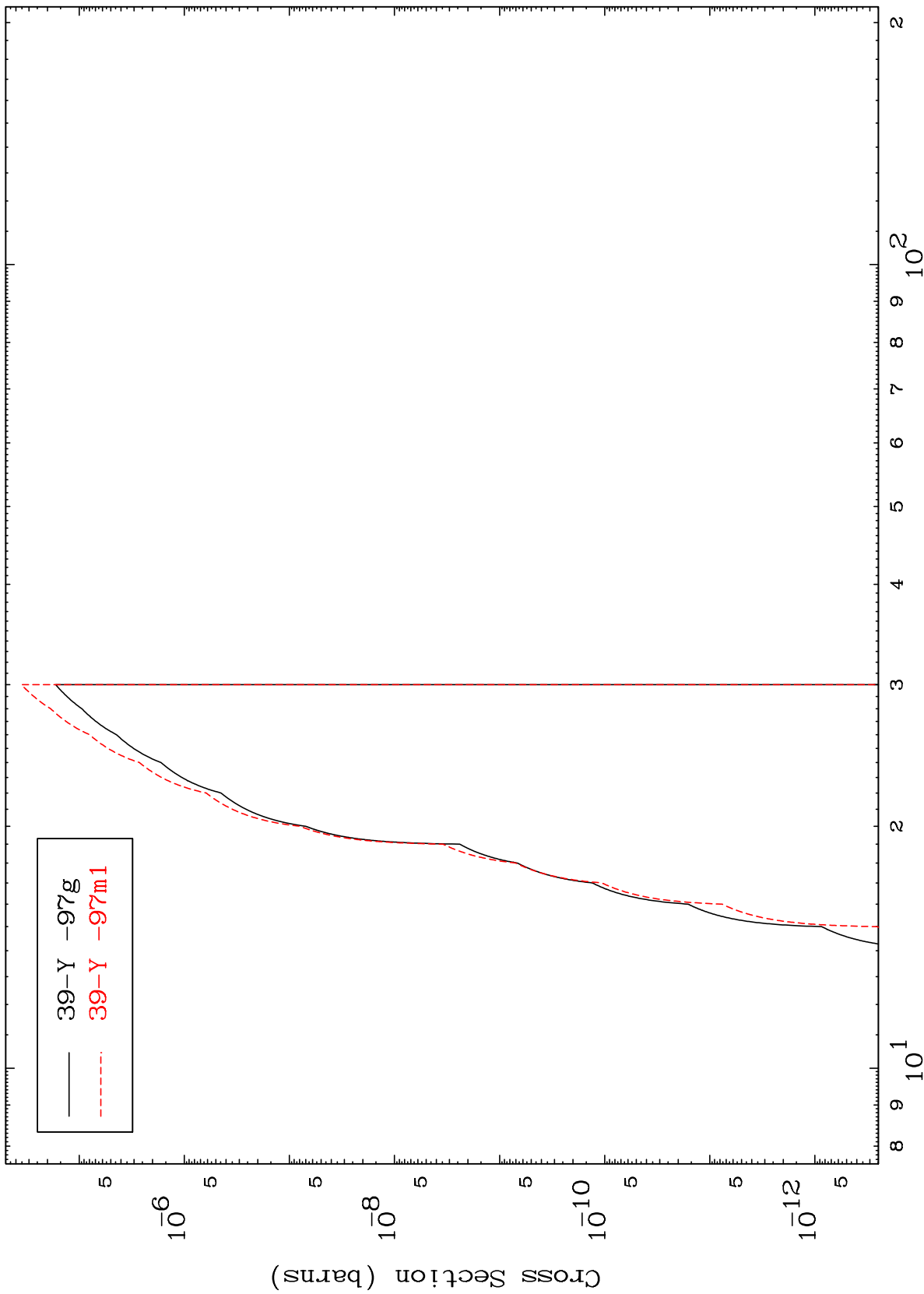
39-Y -97

MAT 3949

(n,2n) p

39-Y -97

Radionuclide Production Cross Section



39-Y -97g
39-Y -97m1

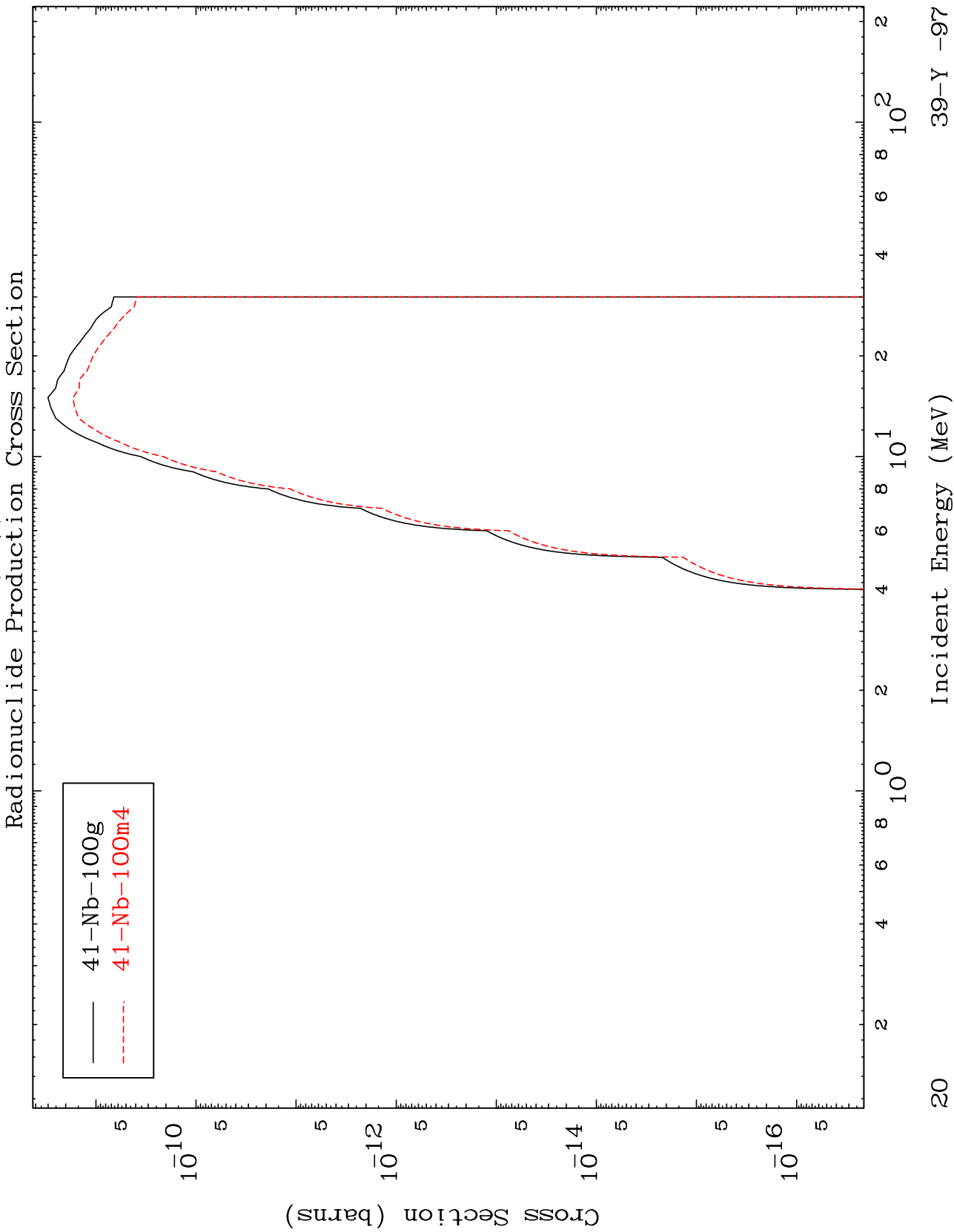
19

Incident Energy (MeV)

39-Y -97

MAT 3949

39-Y -97

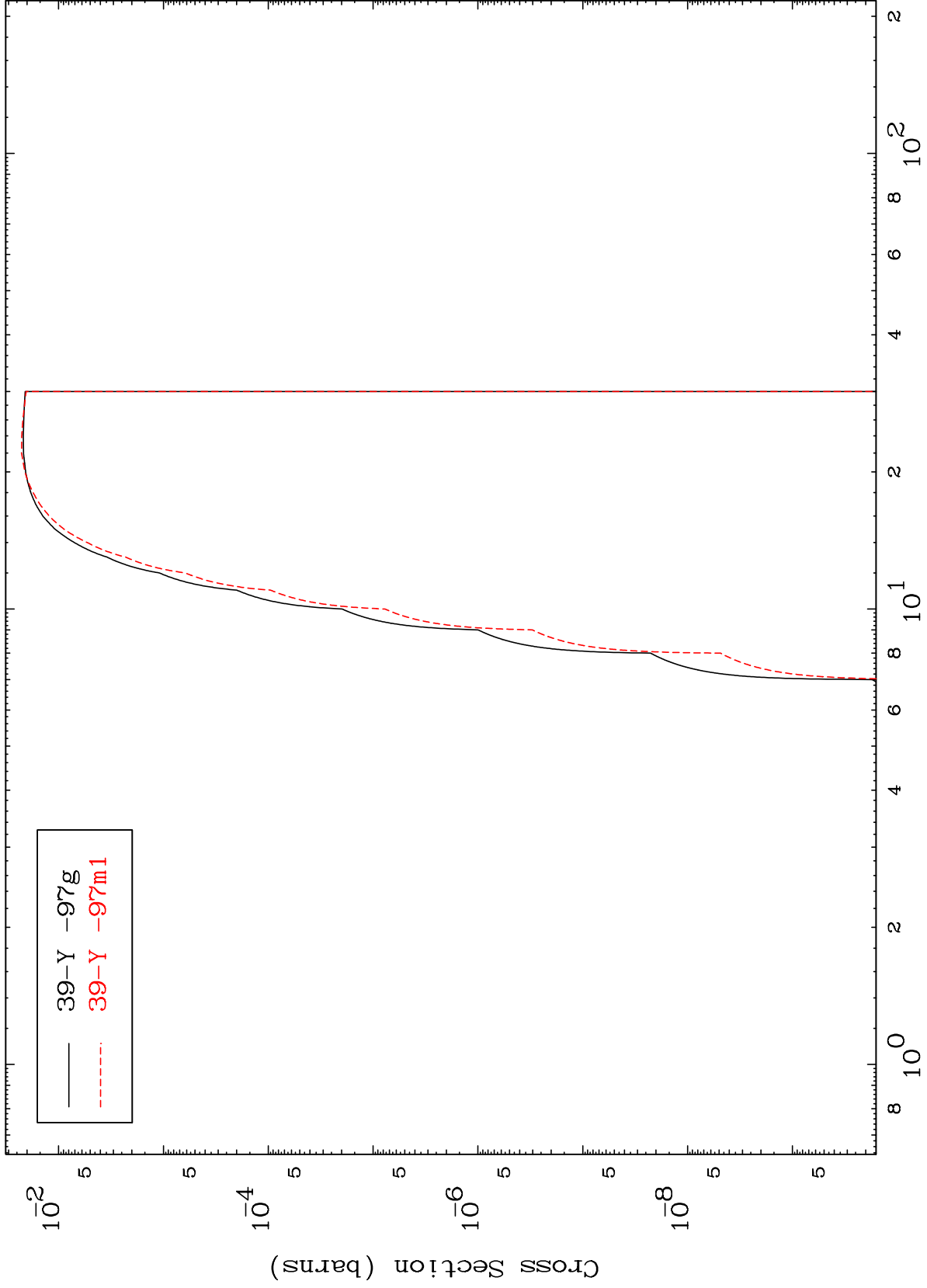


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(n,He-3)

39-Y -97

Radionuclide Production Cross Section



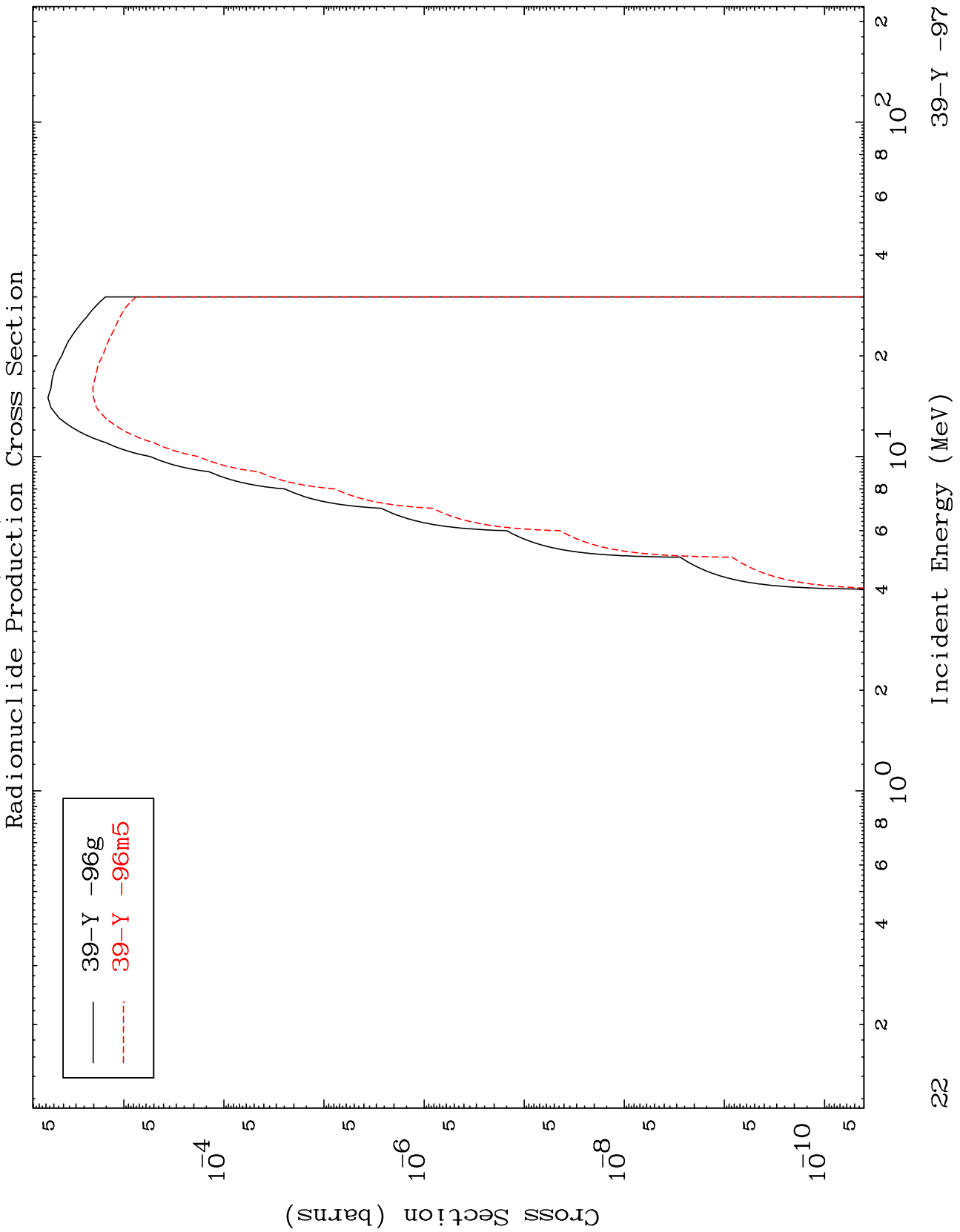
21

Incident Energy (MeV)

39-Y -97

MAT 3949

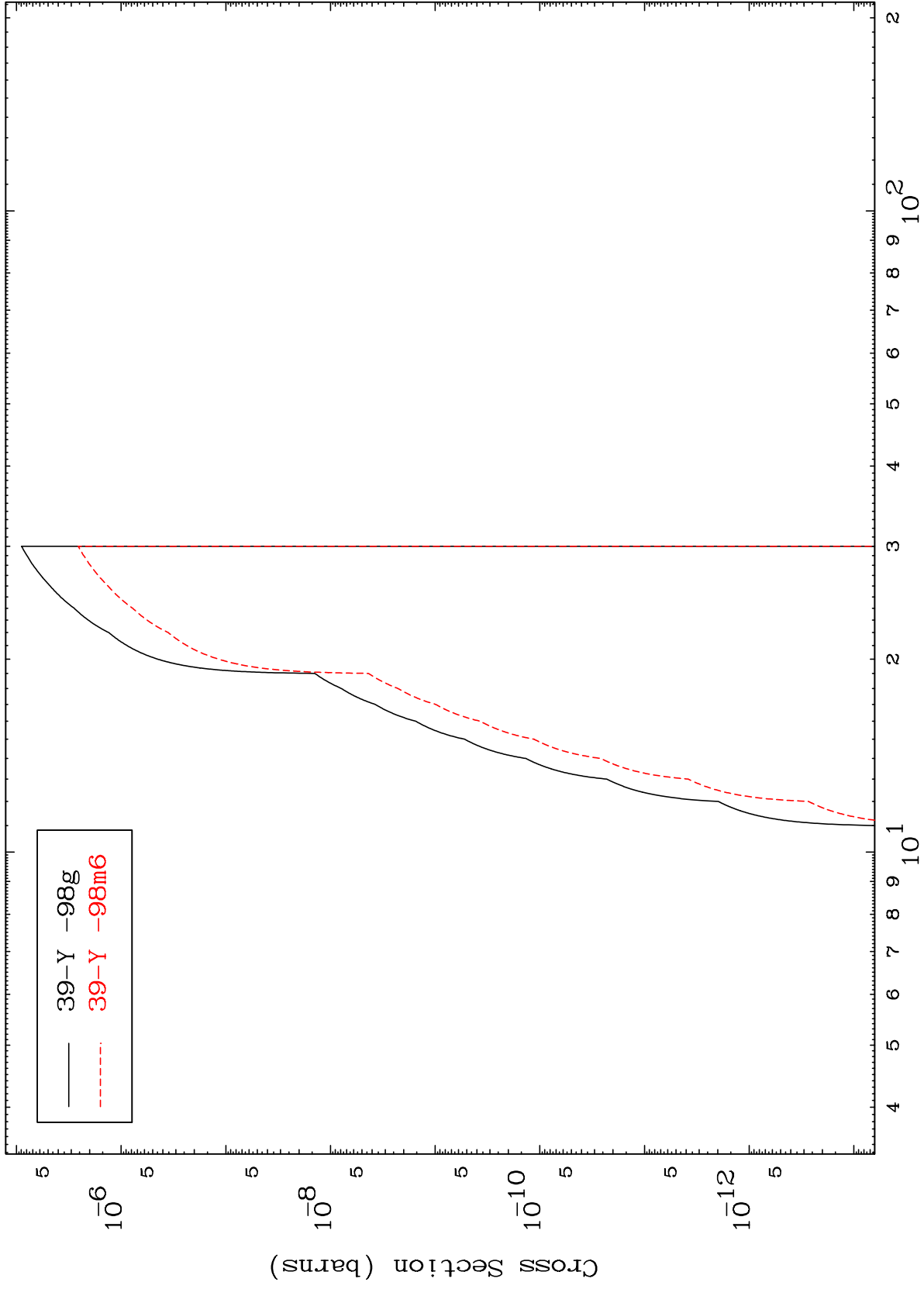
39-Y -97



MAT 3949

39-Y -97

Radionuclide Production Cross Section
(n,2p)



— 39-Y -98g
- - - 39-Y -98m6

39-Y -97

Incident Energy (MeV)

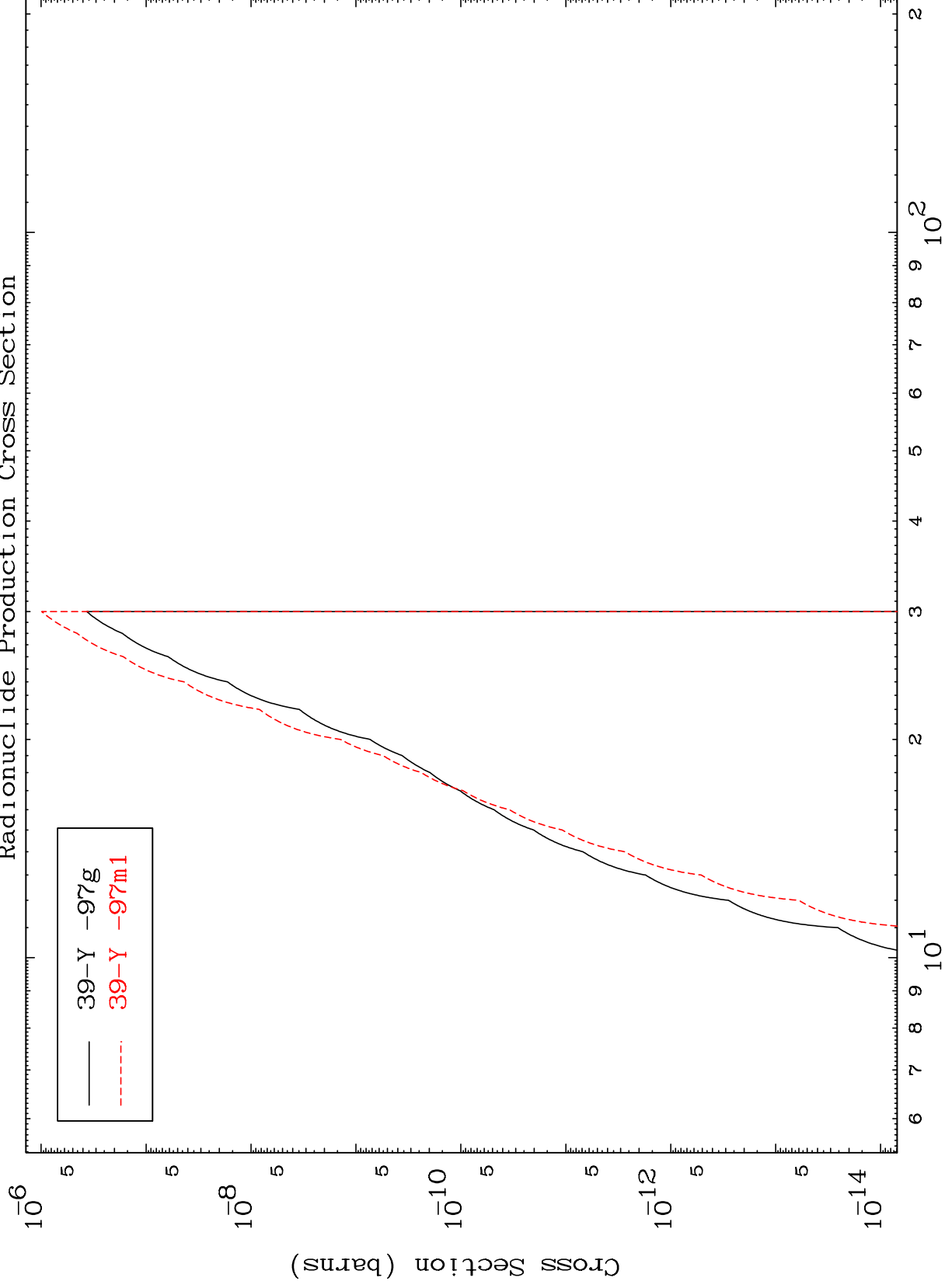
23

MAT 3949

(n,p) d

39-Y -97

Radionuclide Production Cross Section



24

Incident Energy (MeV)

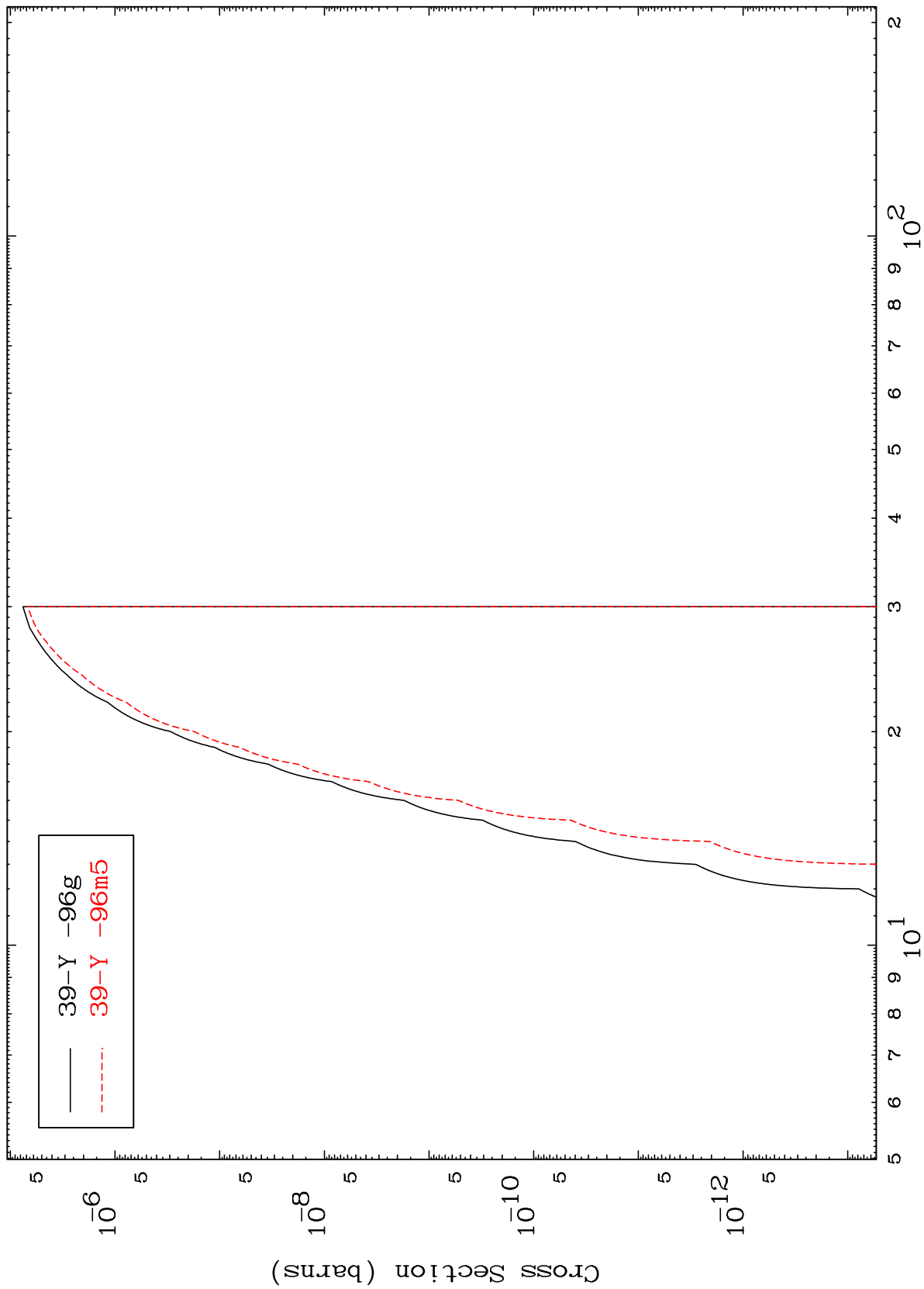
39-Y -97

MAT 3949

³⁹Y (n,p) t

39-Y -97

Radionuclide Production Cross Section



25

Incident Energy (MeV)

39-Y -97