

Program EVALPLOT
(Version 2021-1)

by

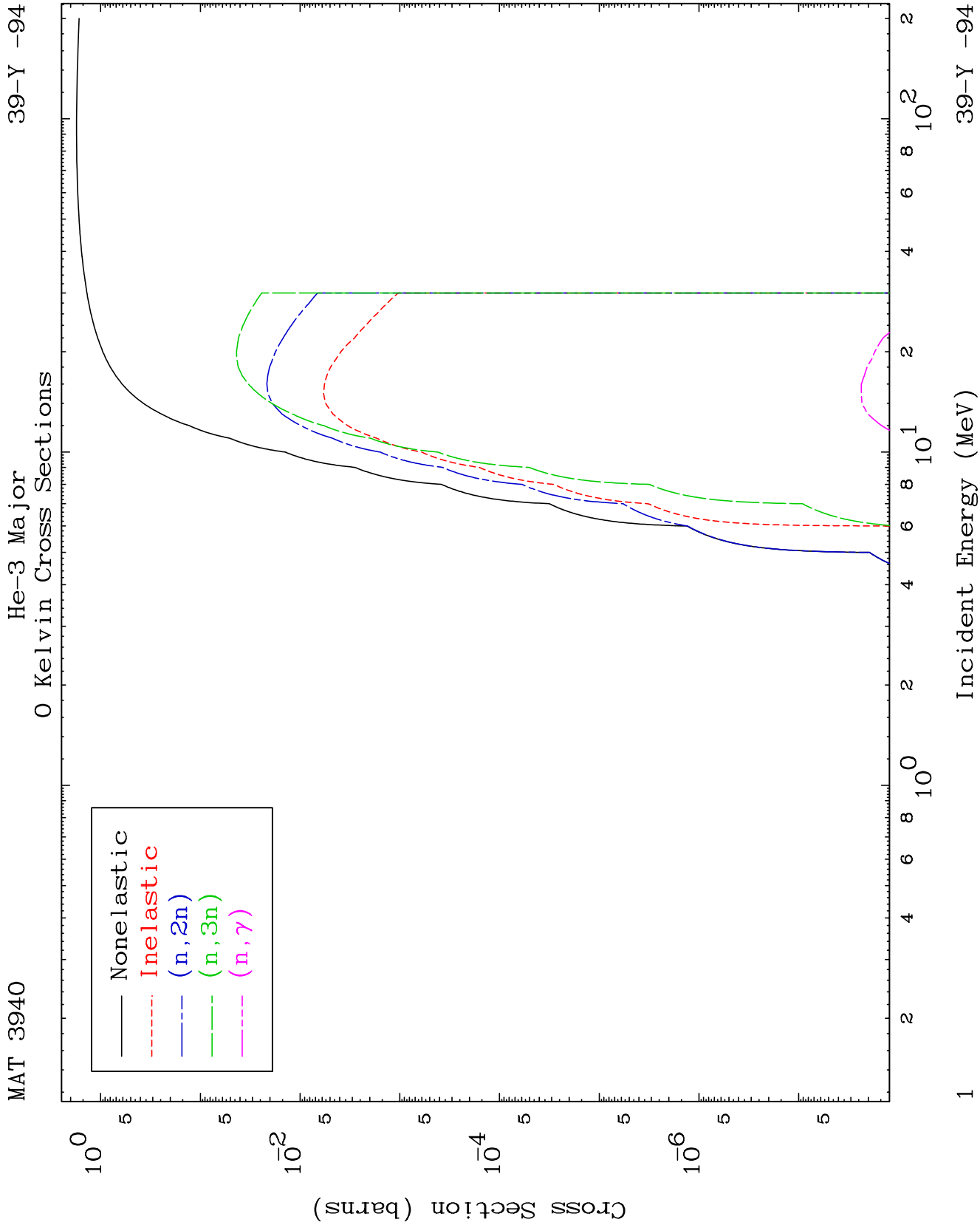
Dermott E. Cullen
(Present Contact Information)

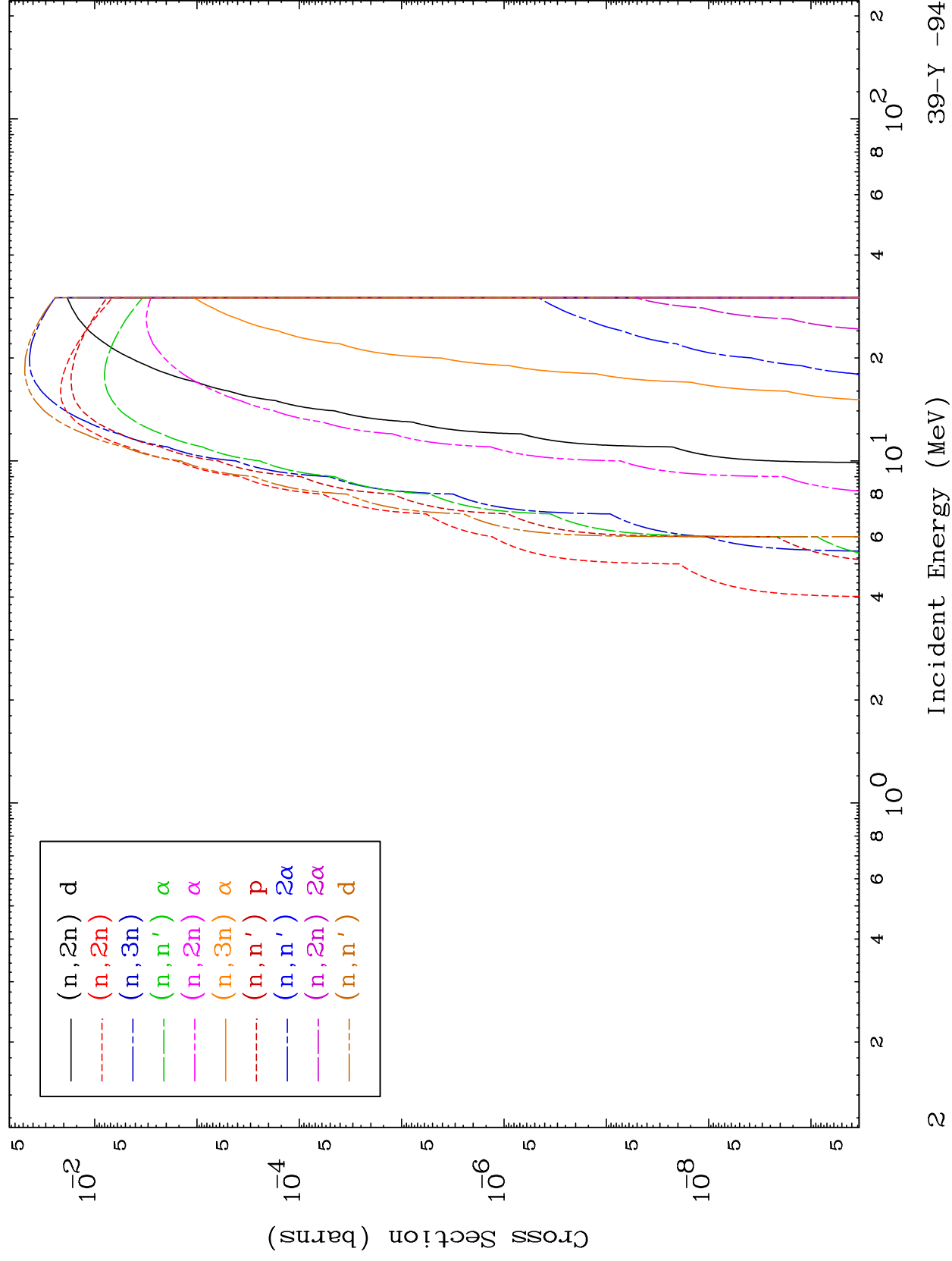
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

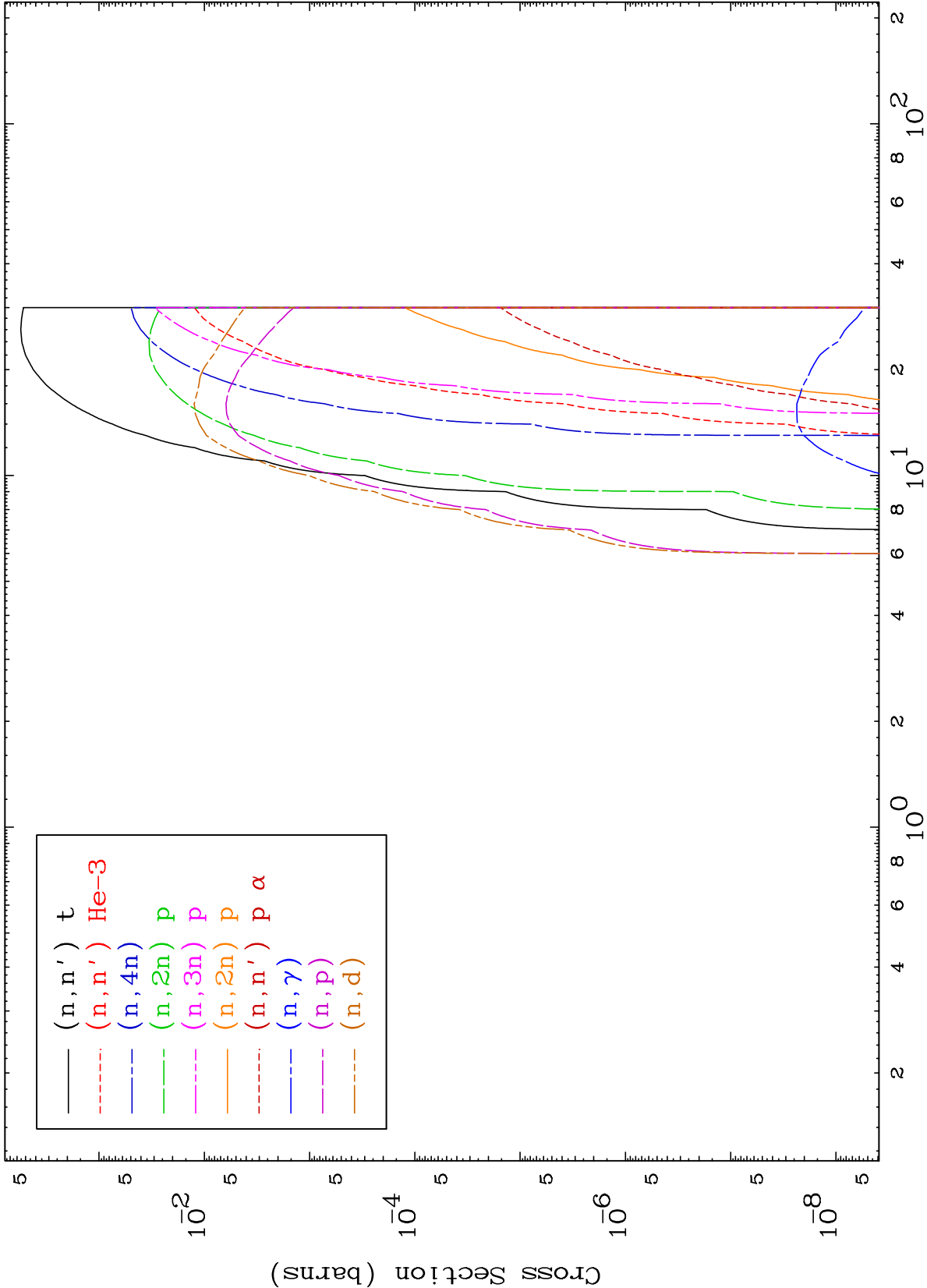
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



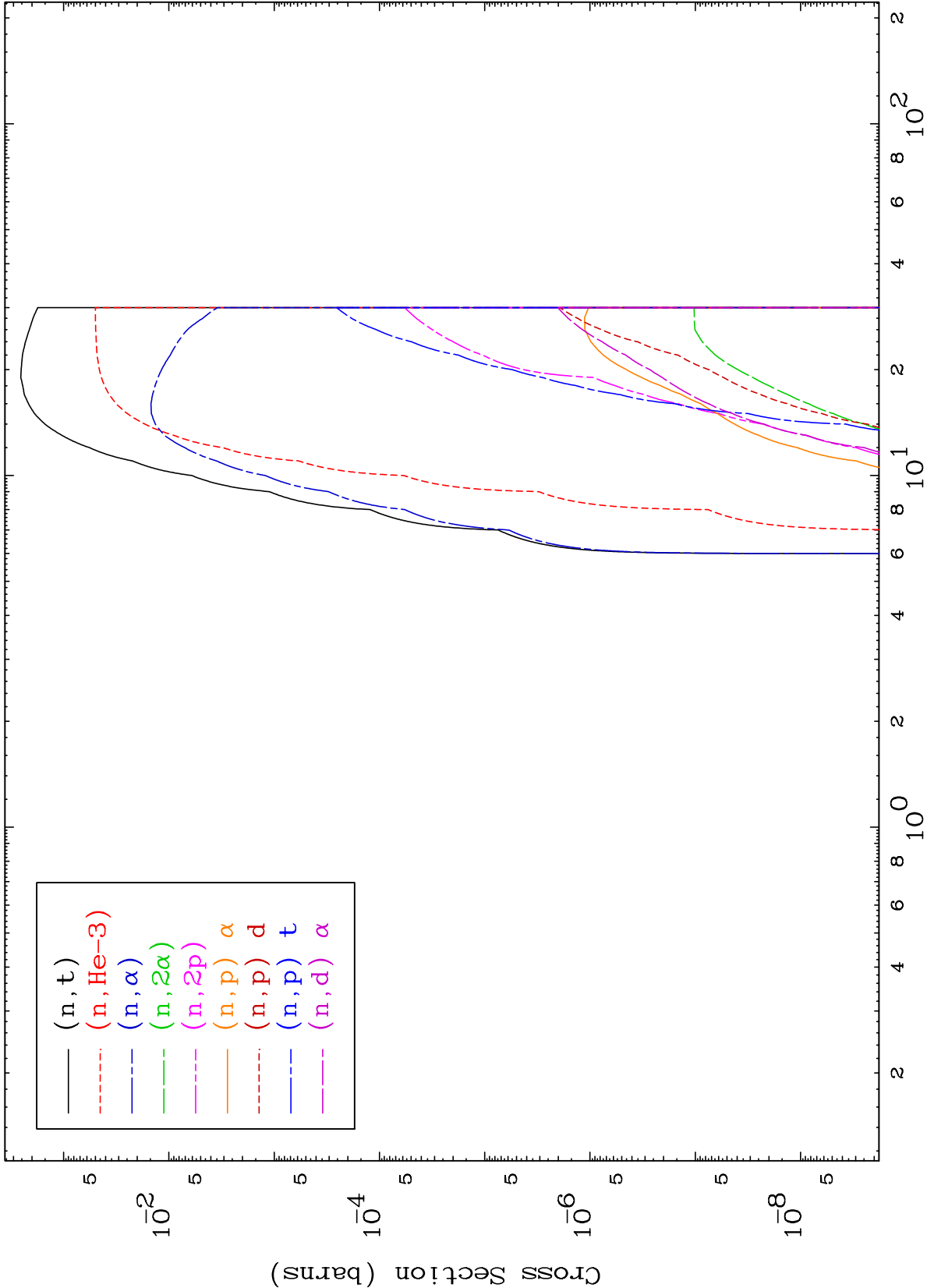




MAT 3940

He-3 Neutron Absorption
0 Kelvin Cross Sections

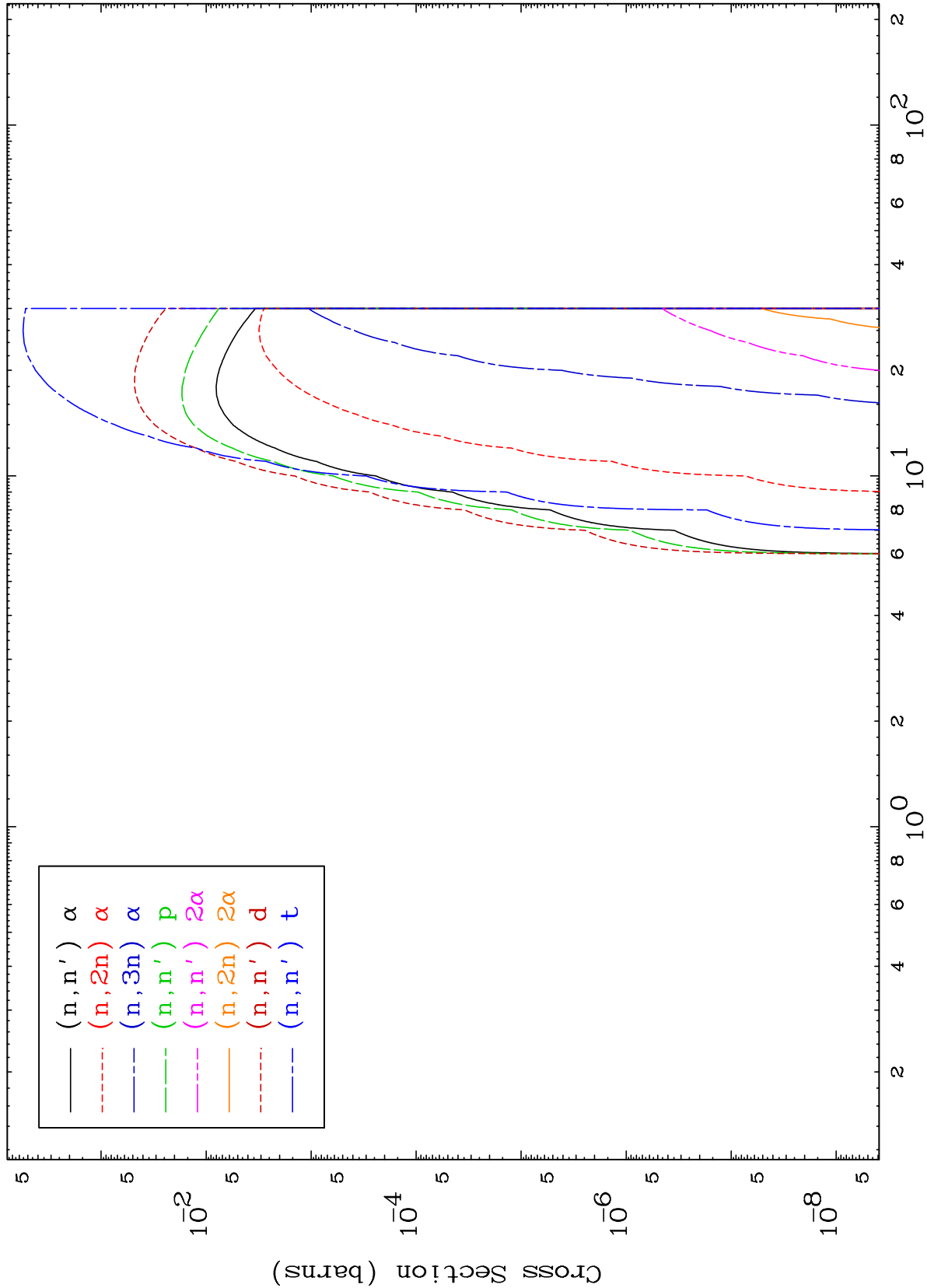
39-Y -94



MAT 3940

He-3 Charged Particle
0 Kelvin Cross Sections

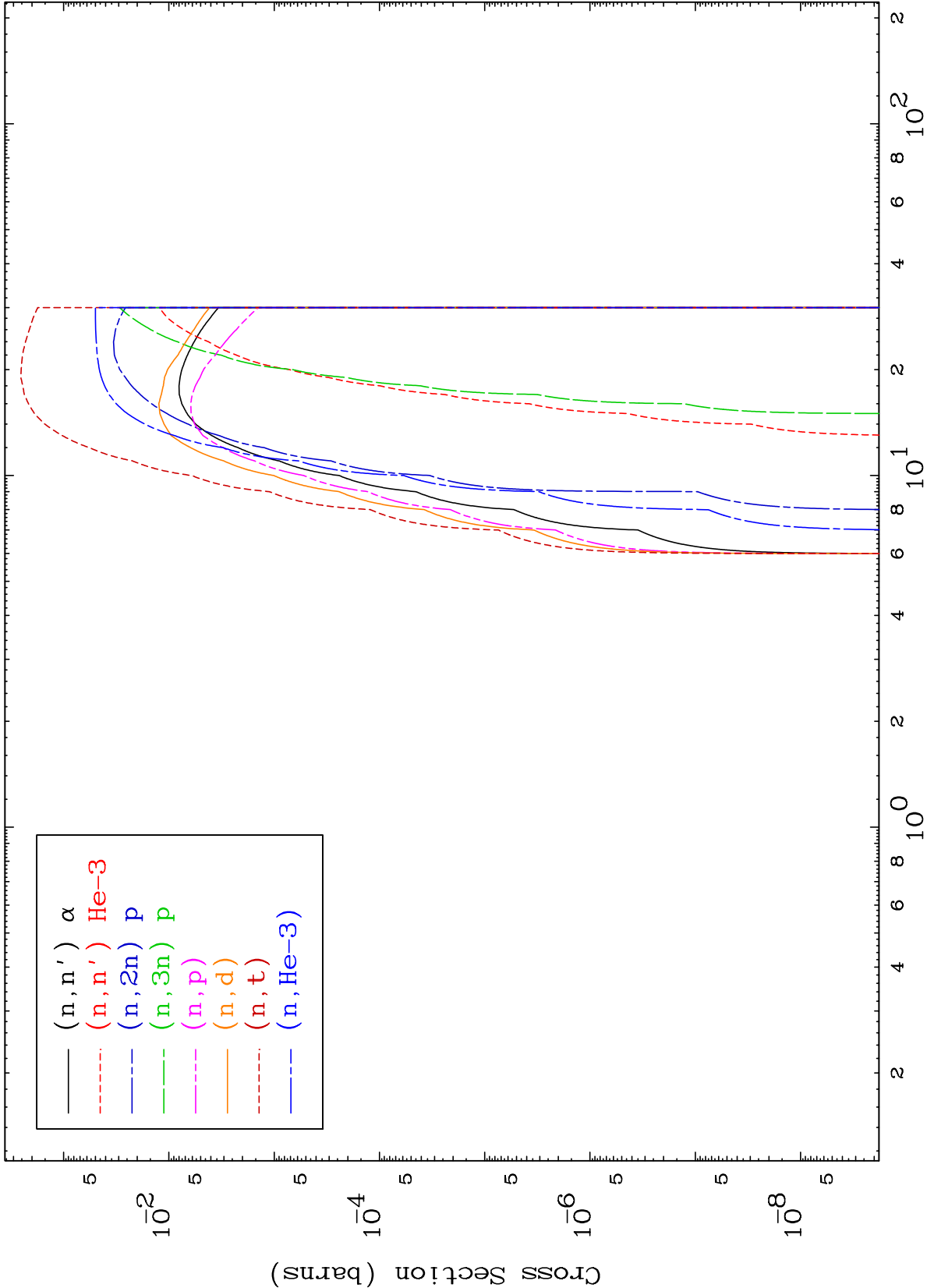
39-Y -94

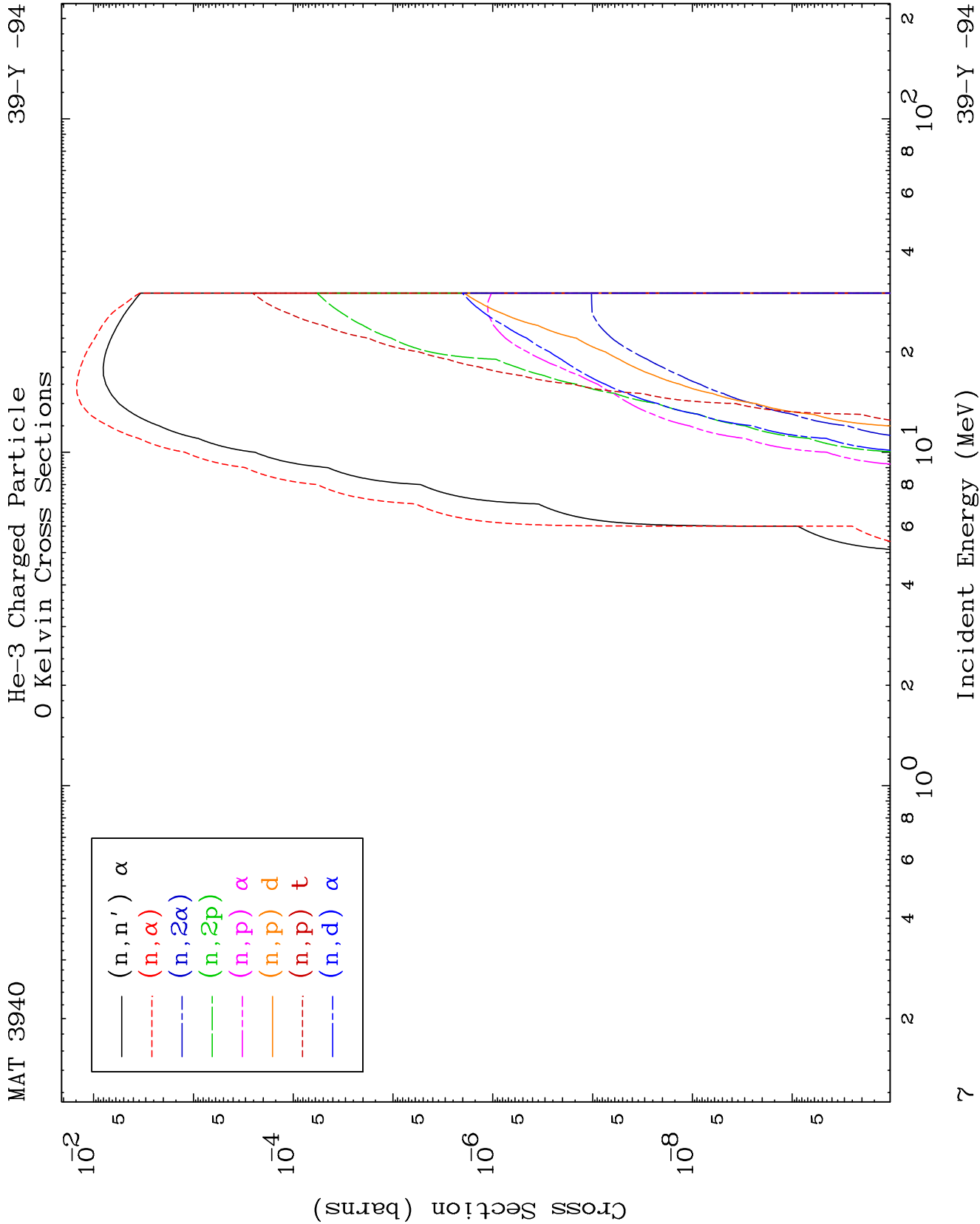


5

Incident Energy (MeV)

39-Y -94

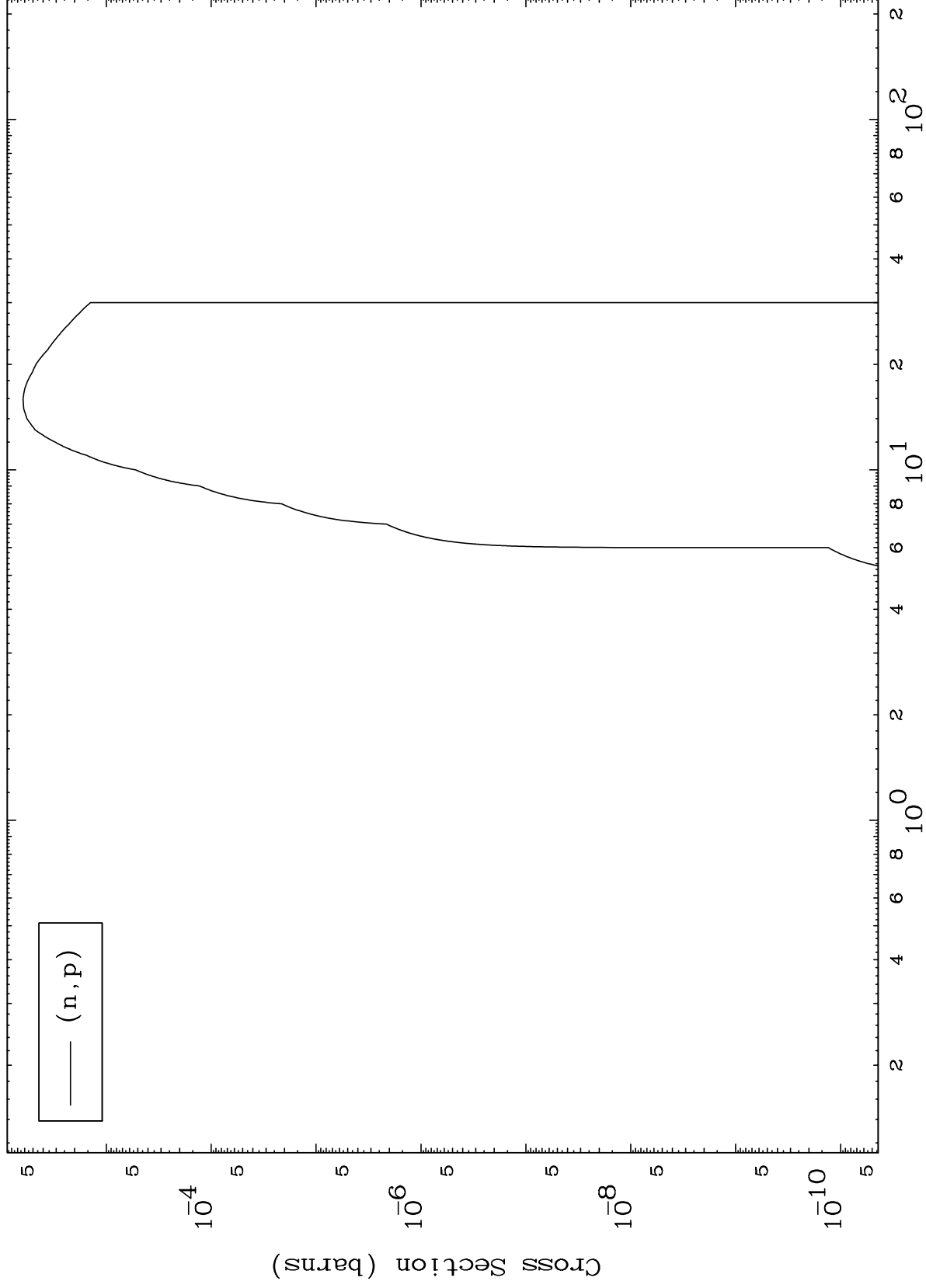




MAT 3940

39-Y -94

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



— (n,p)

8

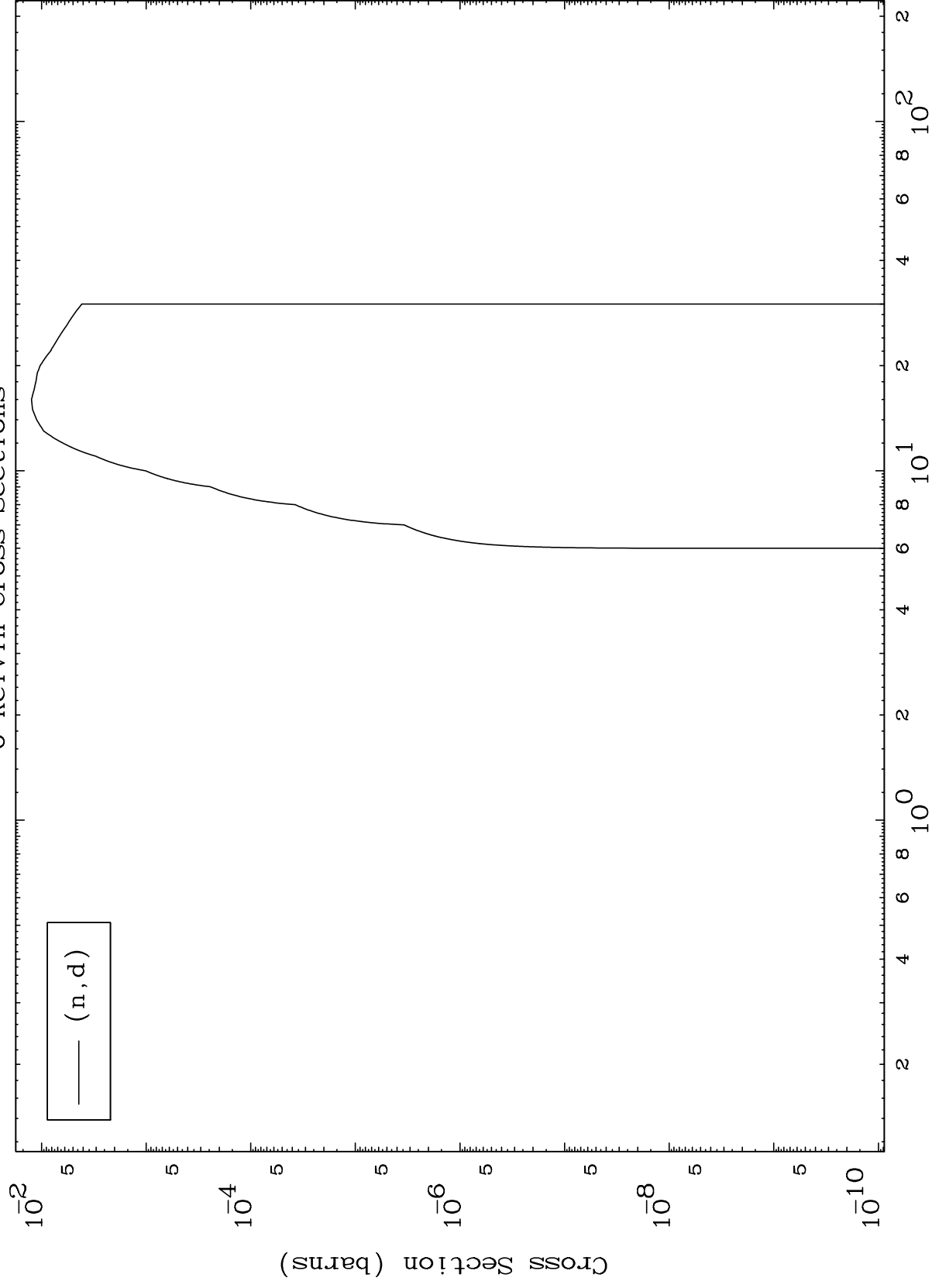
Incident Energy (MeV)

39-Y -94

MAT 3940

39-Y -94

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



9

Incident Energy (MeV)

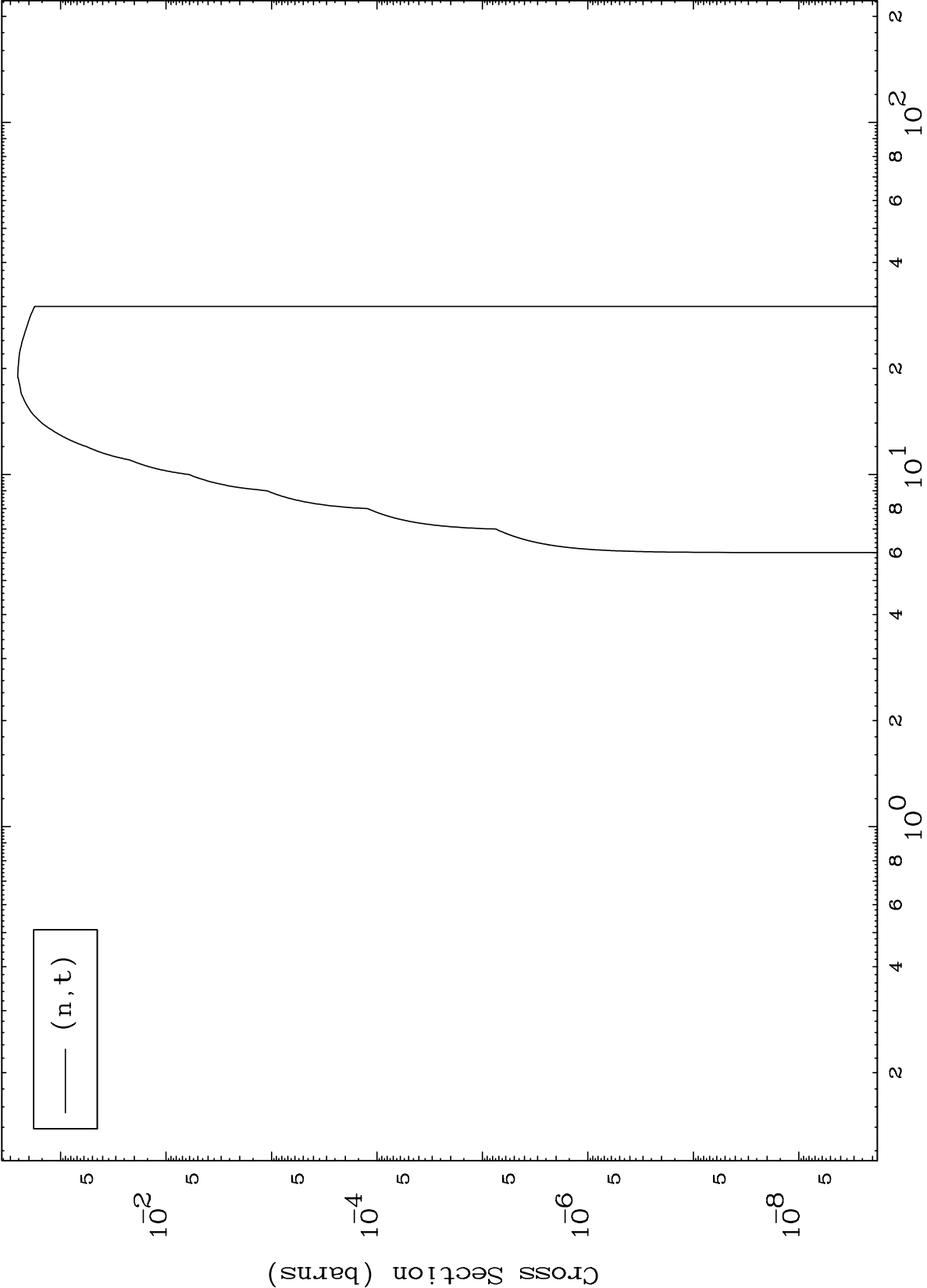
39-Y -94

MAT 3940

(He-3,t) Levels

39-Y -94

0 Kelvin Cross Sections



— (n,t)

10

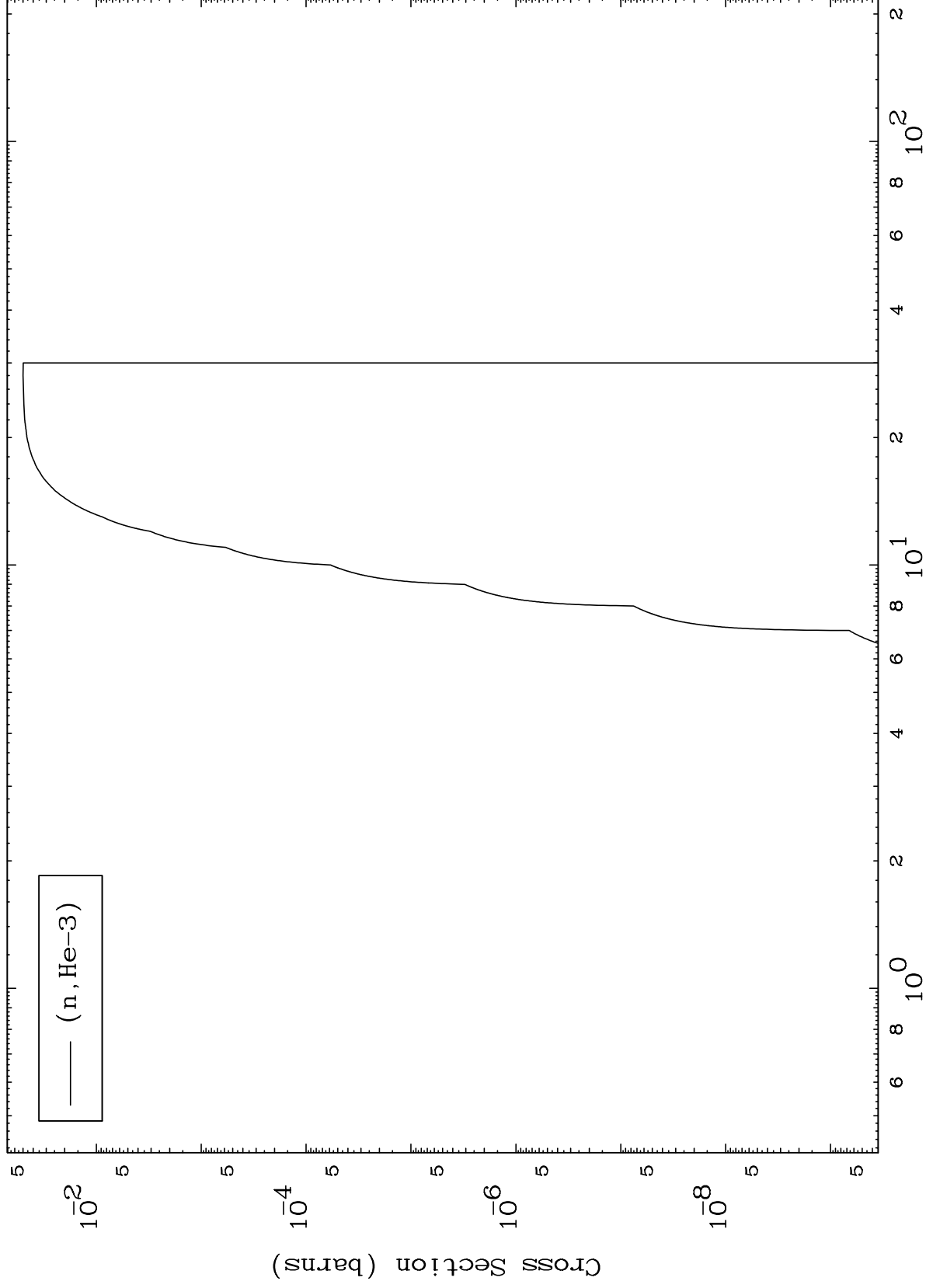
Incident Energy (MeV)

39-Y -94

MAT 3940

39-Y -94

(He-3,He3) Levels
0 Kelvin Cross Sections



— (n, He-3)

11

Incident Energy (MeV)

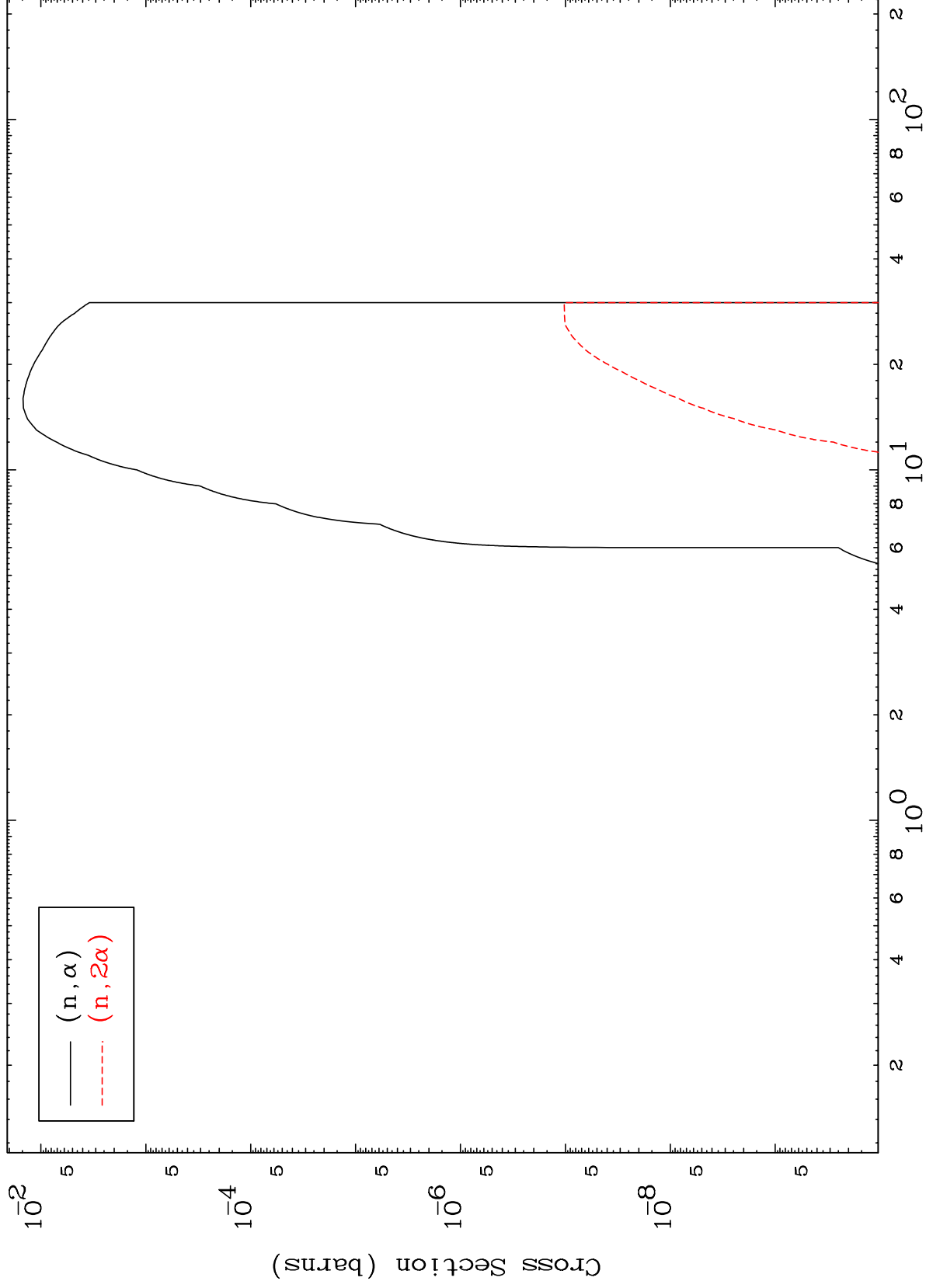
39-Y -94

MAT 3940

(He-3, α) Levels

39-Y -94

0 Kelvin Cross Sections



12

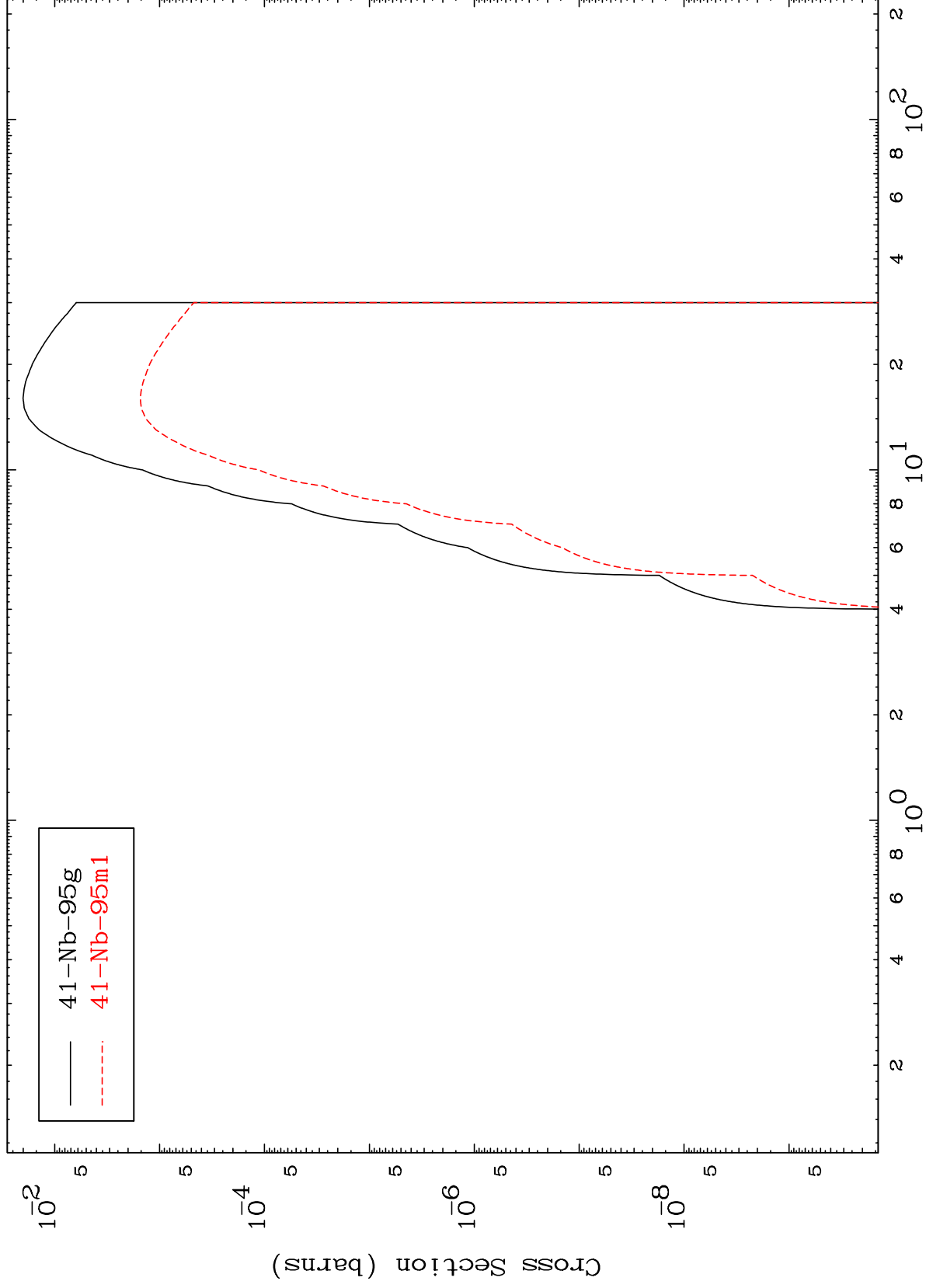
Incident Energy (MeV)

39-Y -94

MAT 3940

39-Y -94

Radionuclide Production Cross Section



13

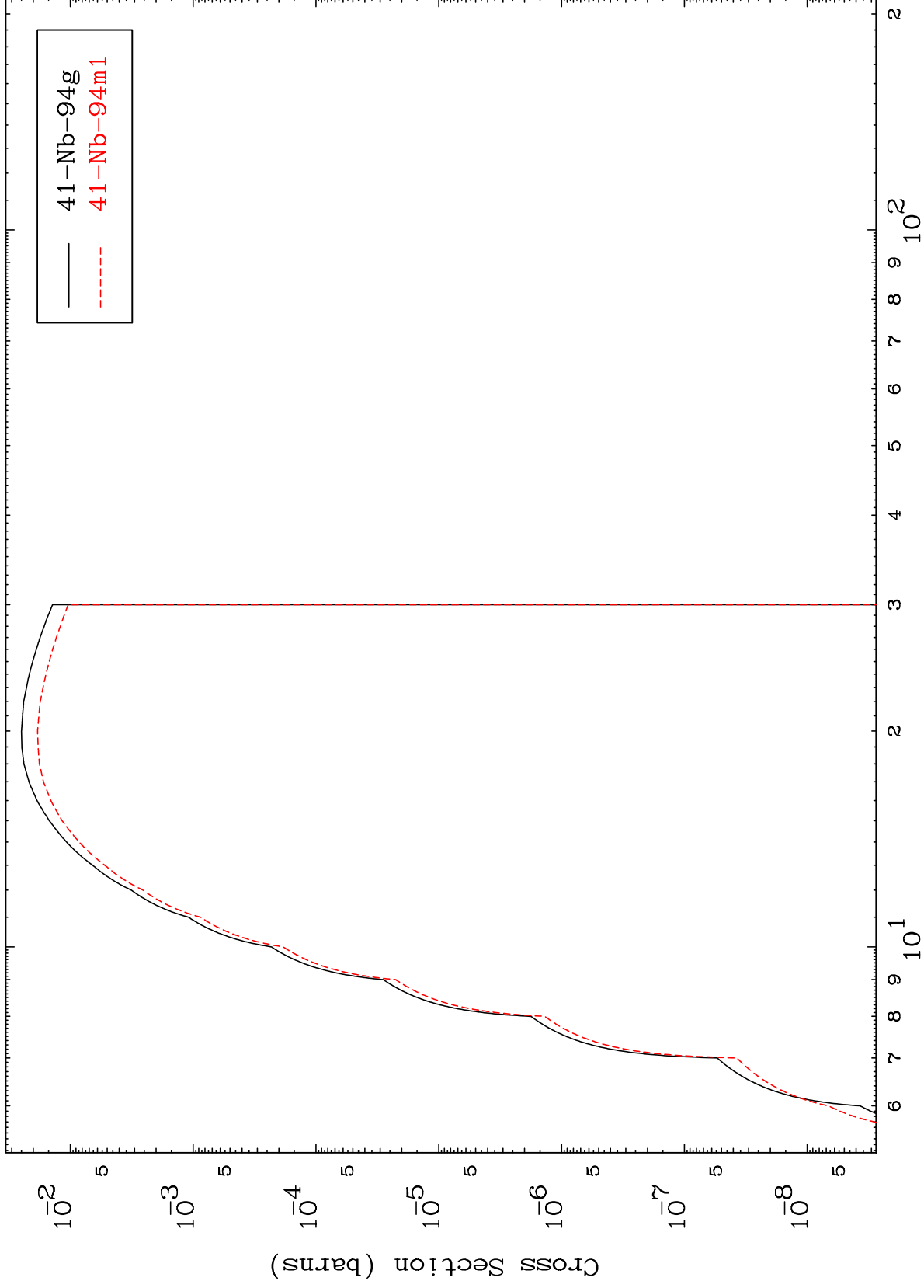
Incident Energy (MeV)

39-Y -94

MAT 3940

39-Y -94

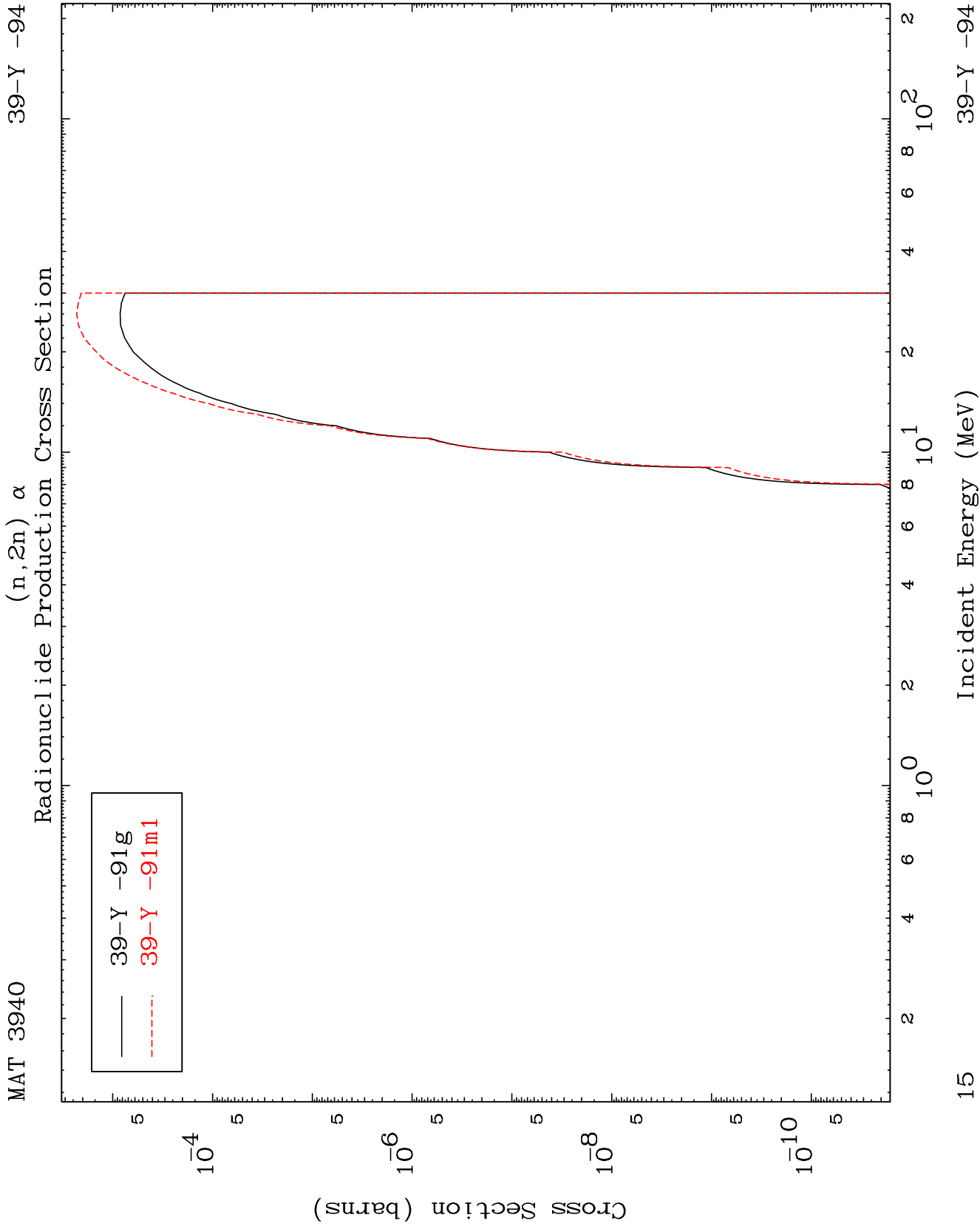
(n,3n)
Radionuclide Production Cross Section



39-Y -94

Incident Energy (MeV)

14

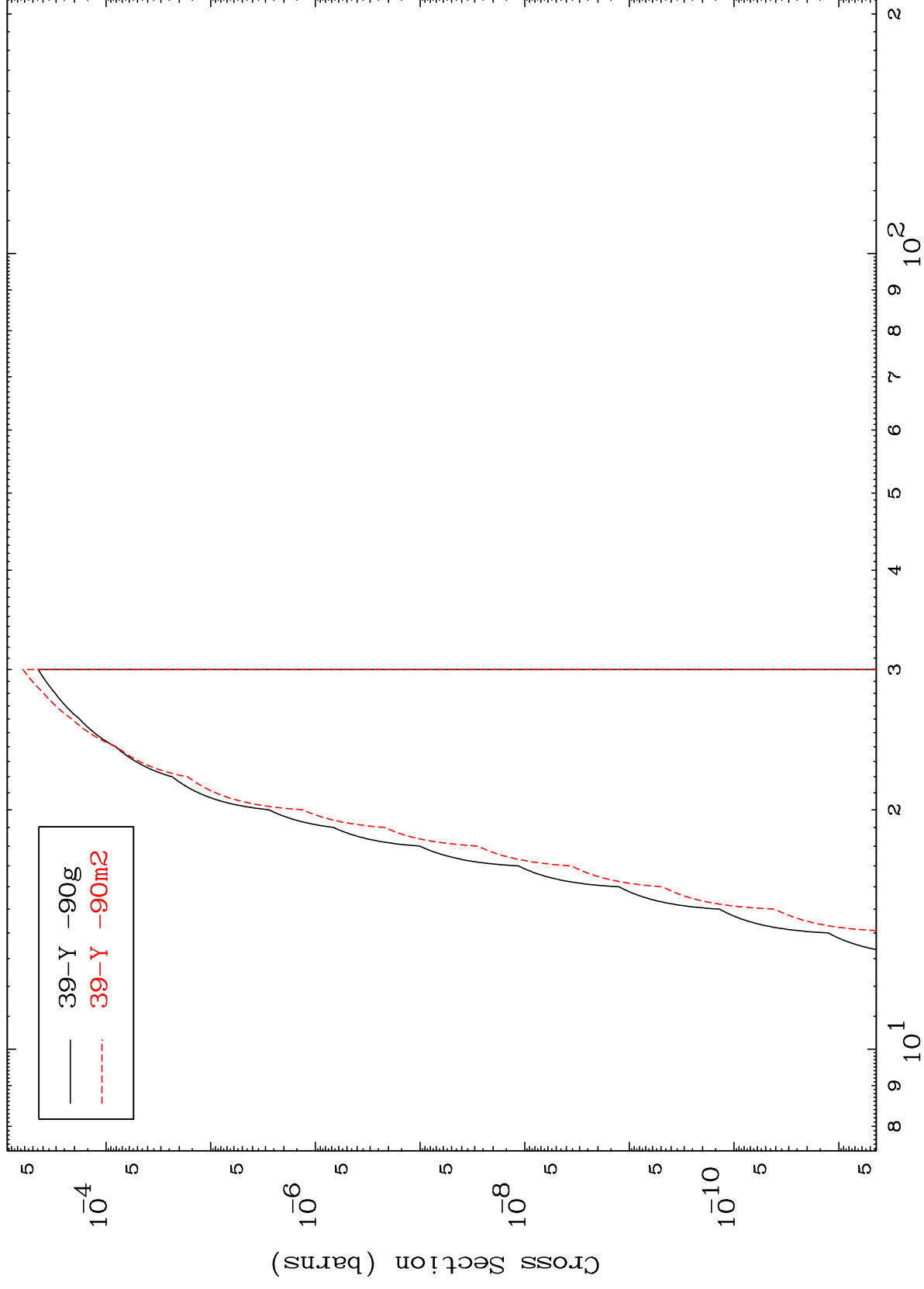


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$$(n, 3n) \propto$$

39-Y -94

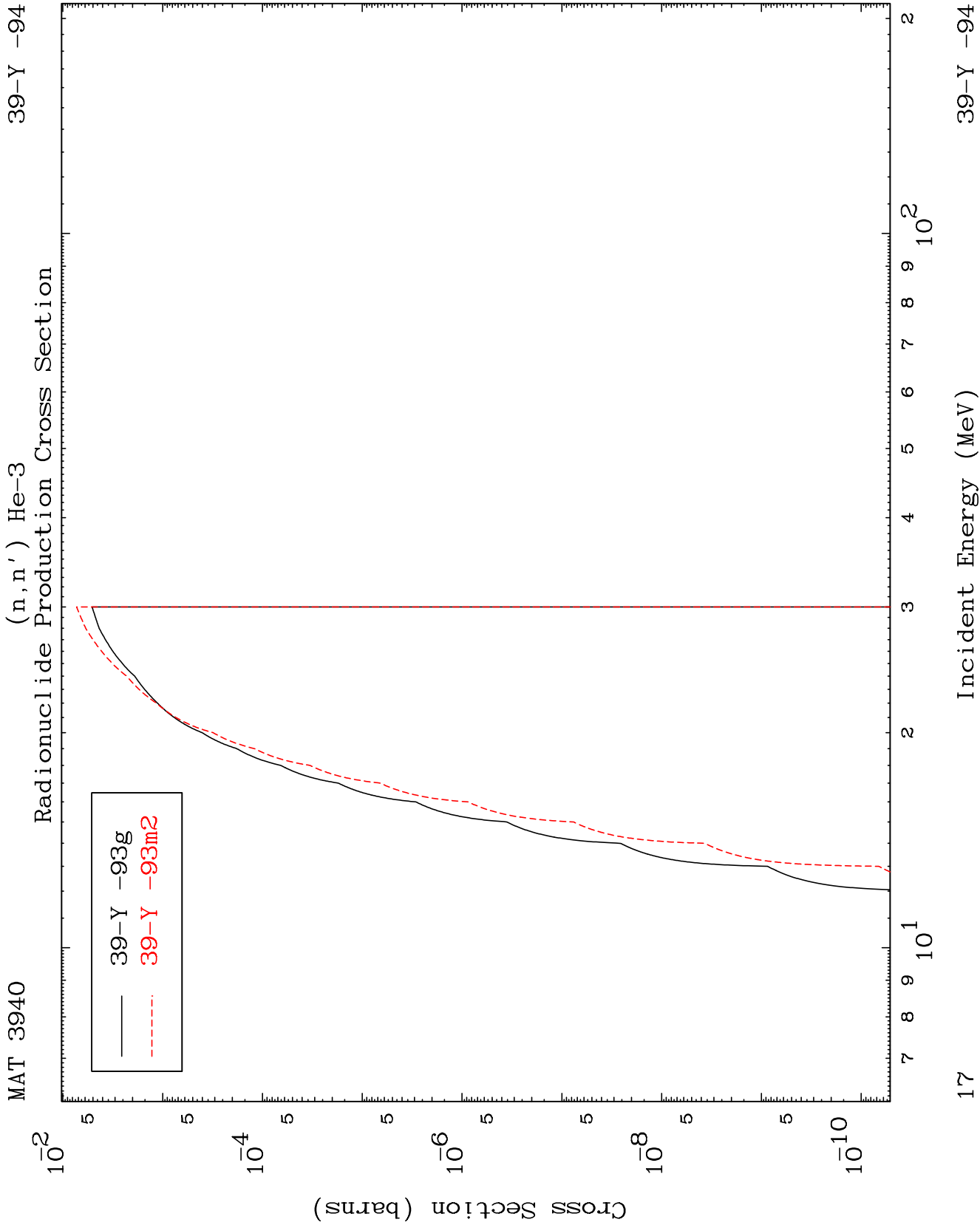
Radionuclide Production Cross Section



16

Incident Energy (MeV)

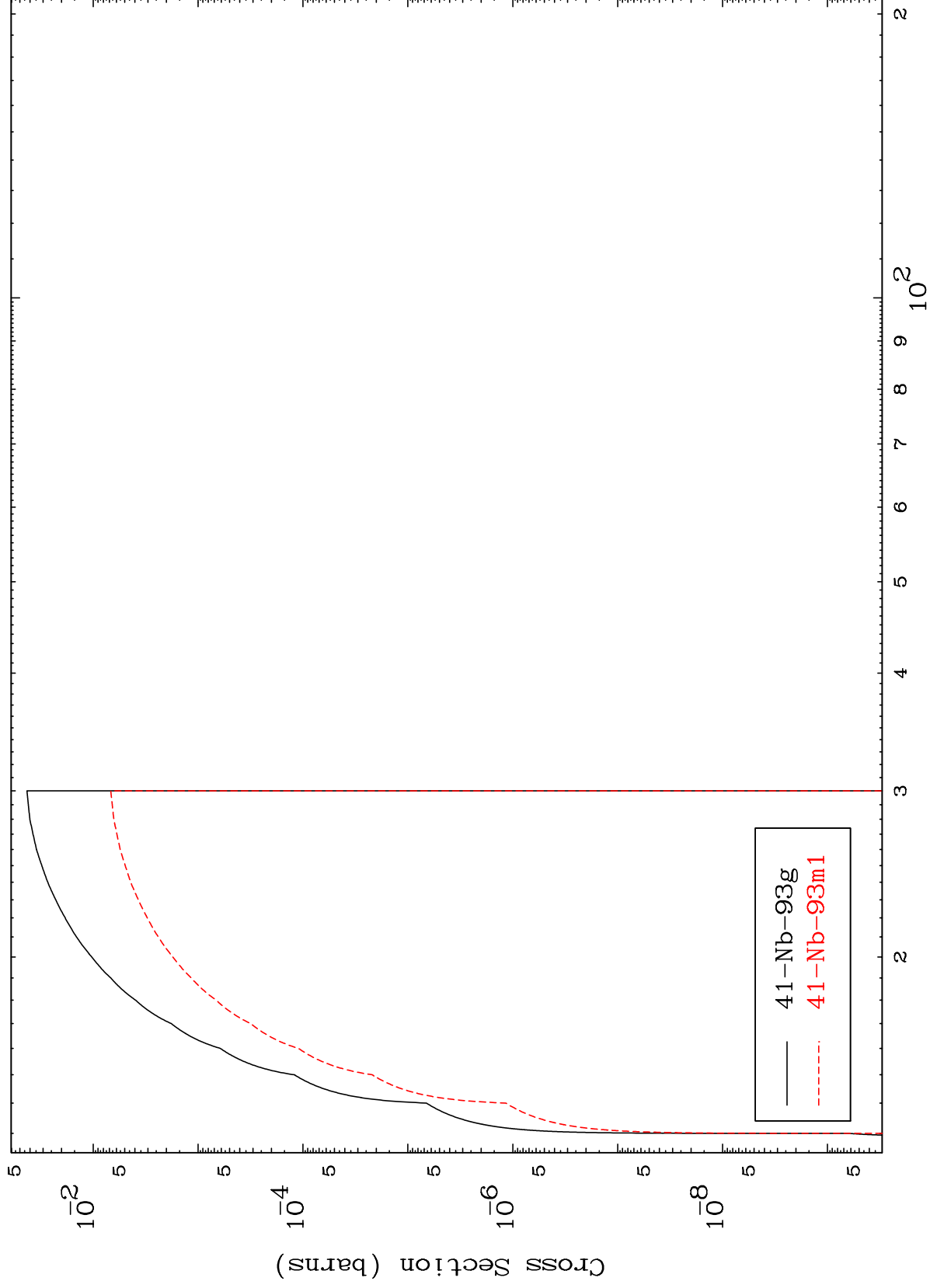
39-Y -94



MAT 3940

39-Y -94

Radionuclide Production Cross Section



39-Y -94

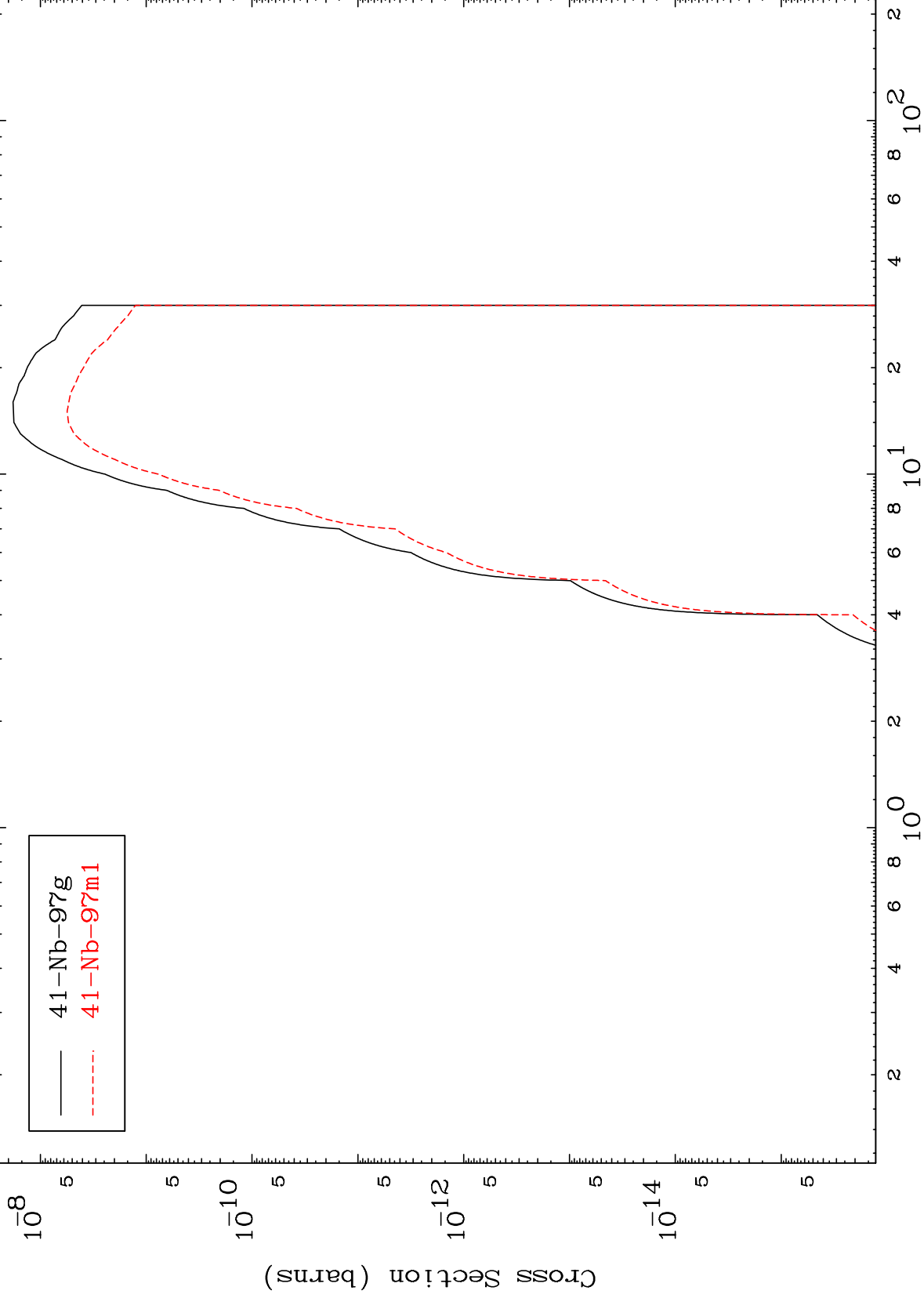
Incident Energy (MeV)

18

MAT 3940

39-Y -94

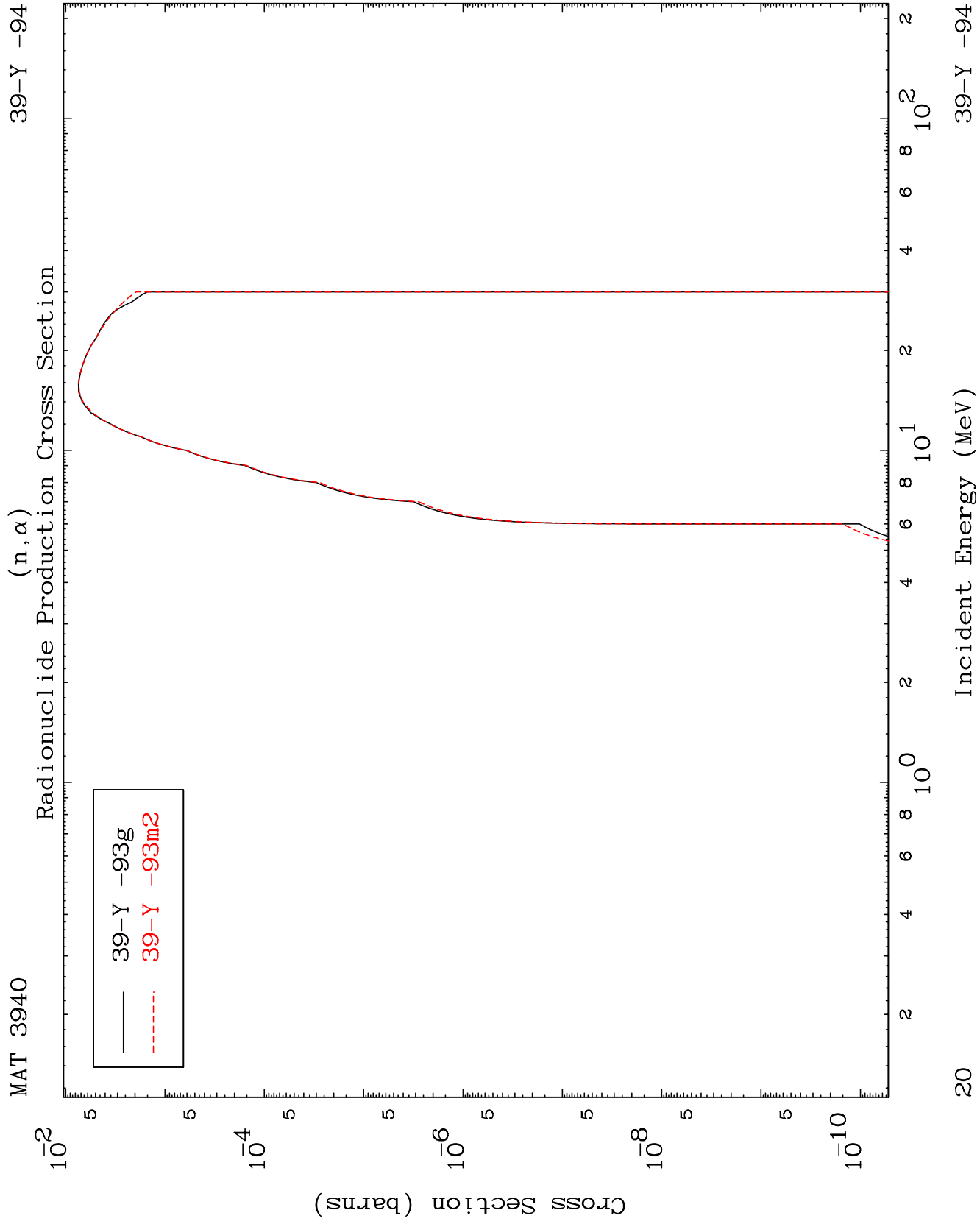
Radionuclide Production Cross Section



19

Incident Energy (MeV)

39-Y -94

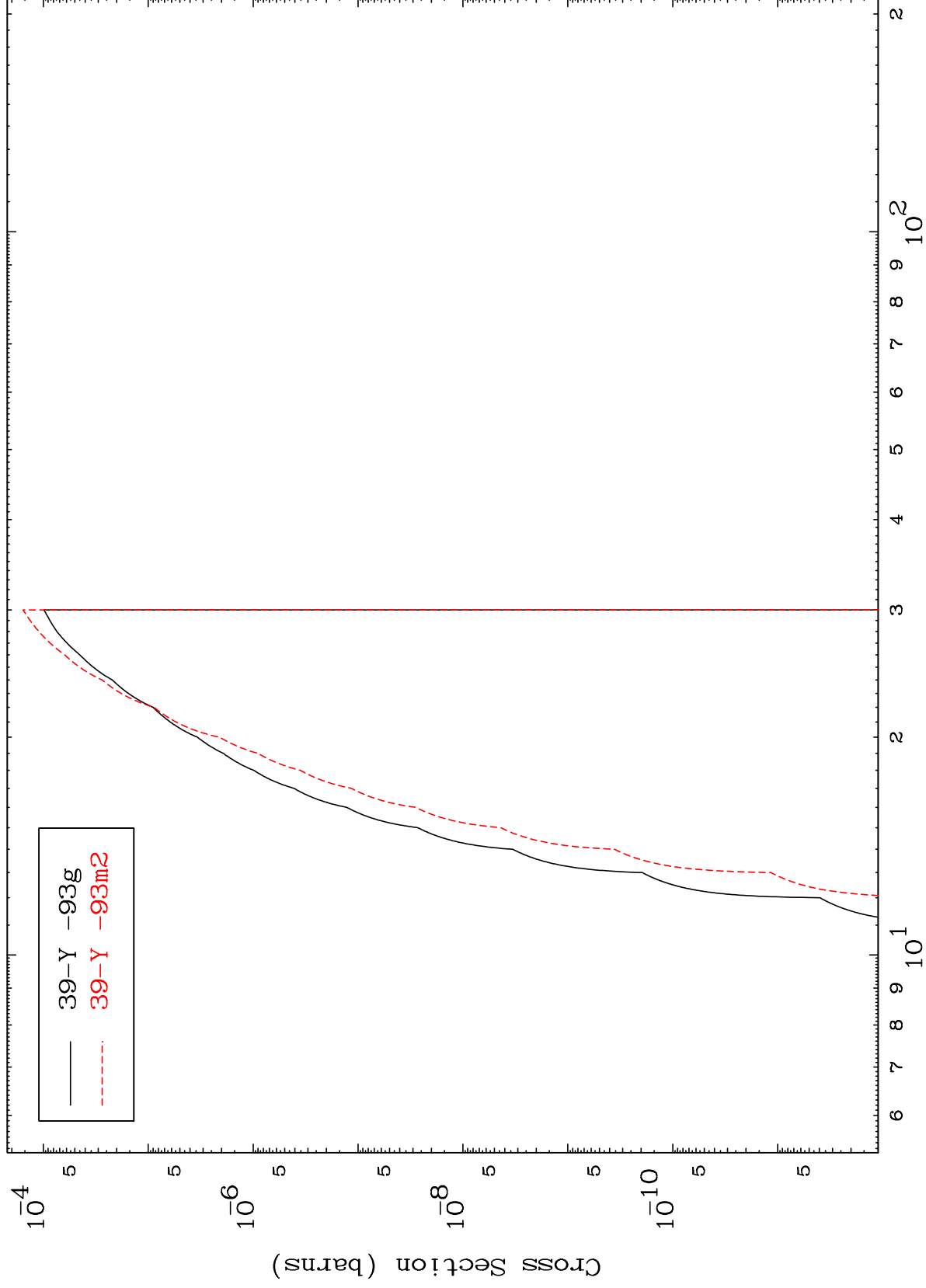


MAT 3940

(n,p) t

39-Y -94

Radionuclide Production Cross Section



21

Incident Energy (MeV)

39-Y -94