

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

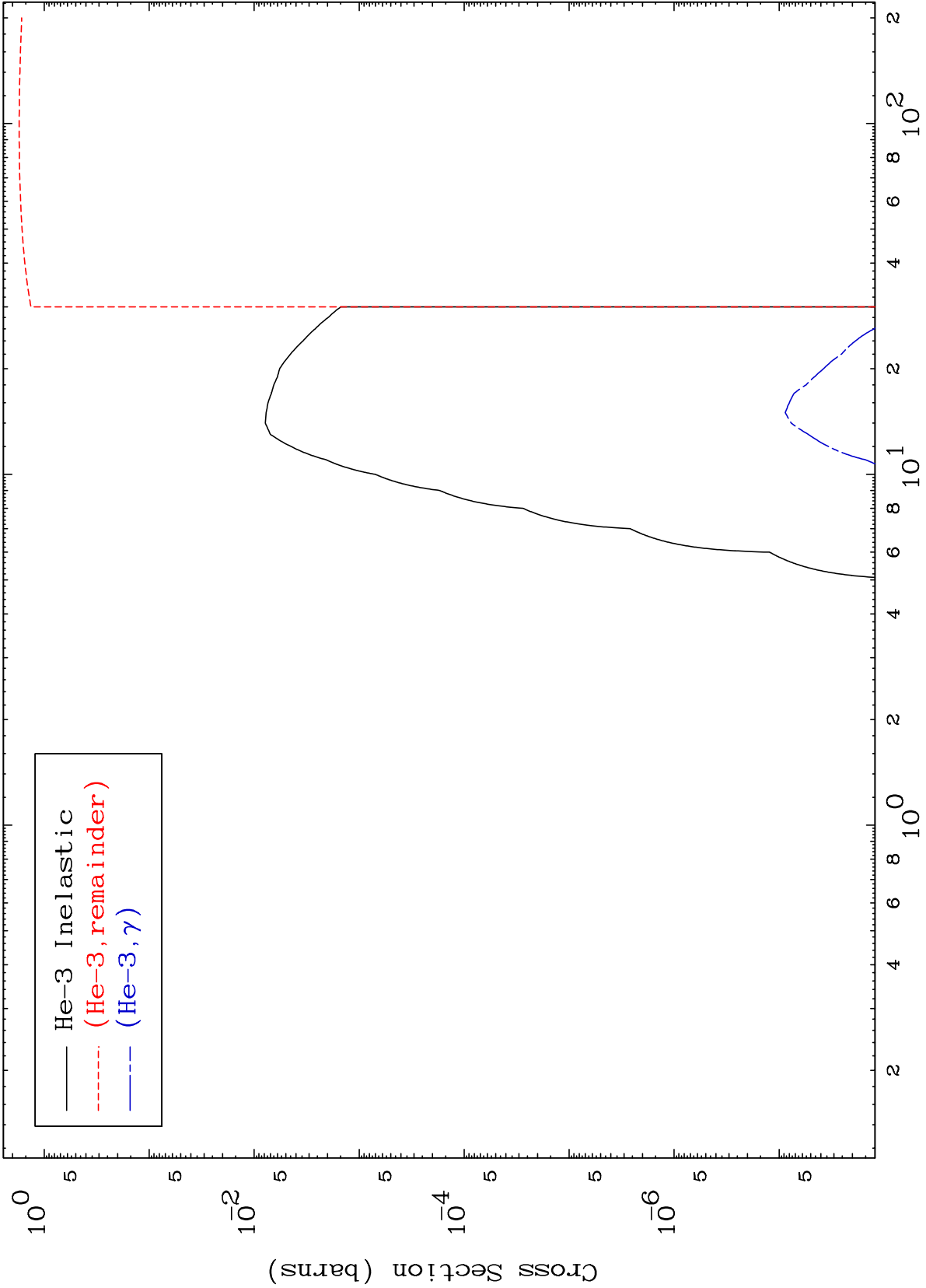
Press Mouse Button to Start

MAT 4037

He-3 Major

40-Zr-94

0 Kelvin Cross Sections



He-3 Inelastic
(He-3, remainder)
(He-3, γ)

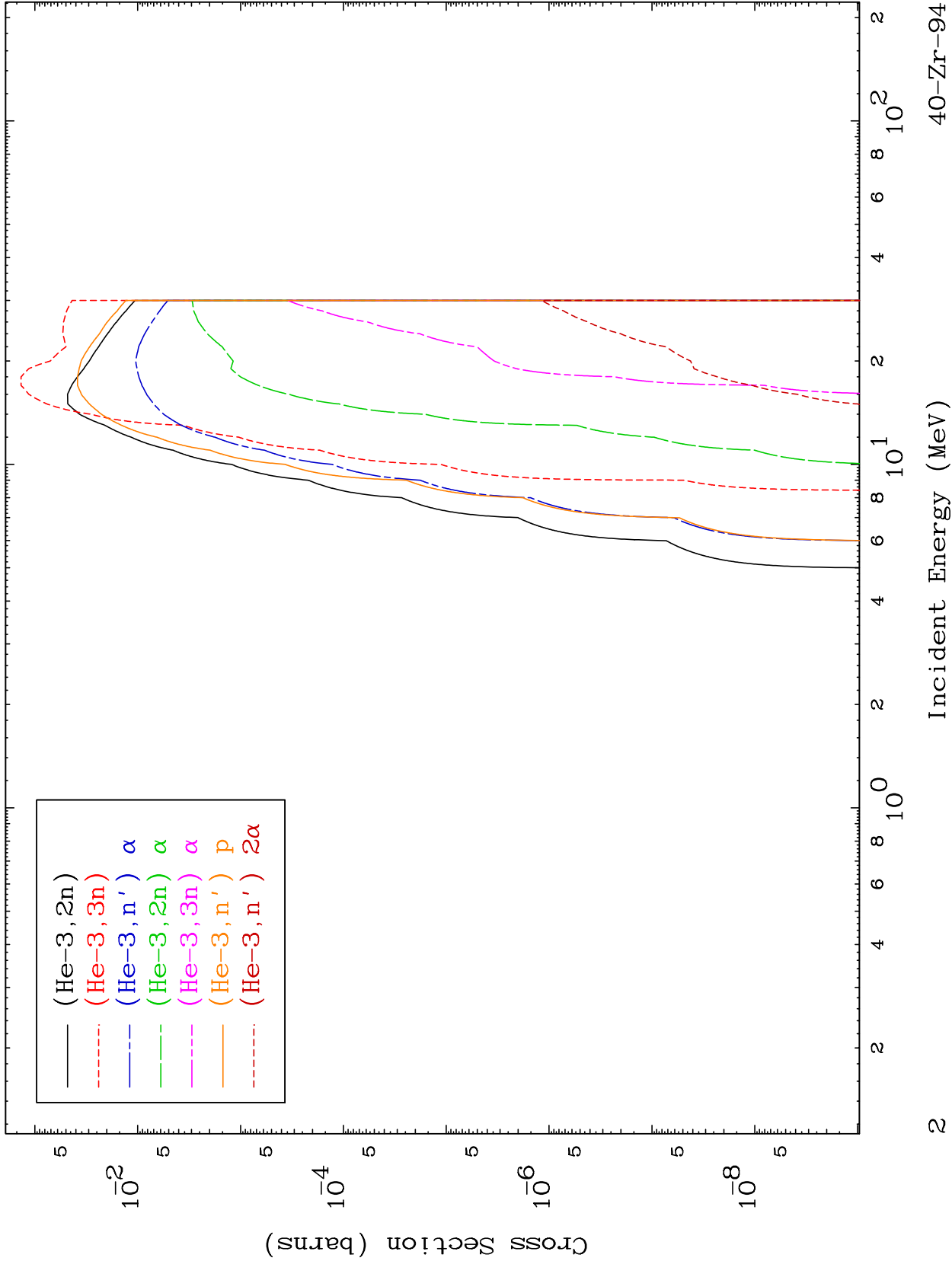
Incident Energy (MeV)

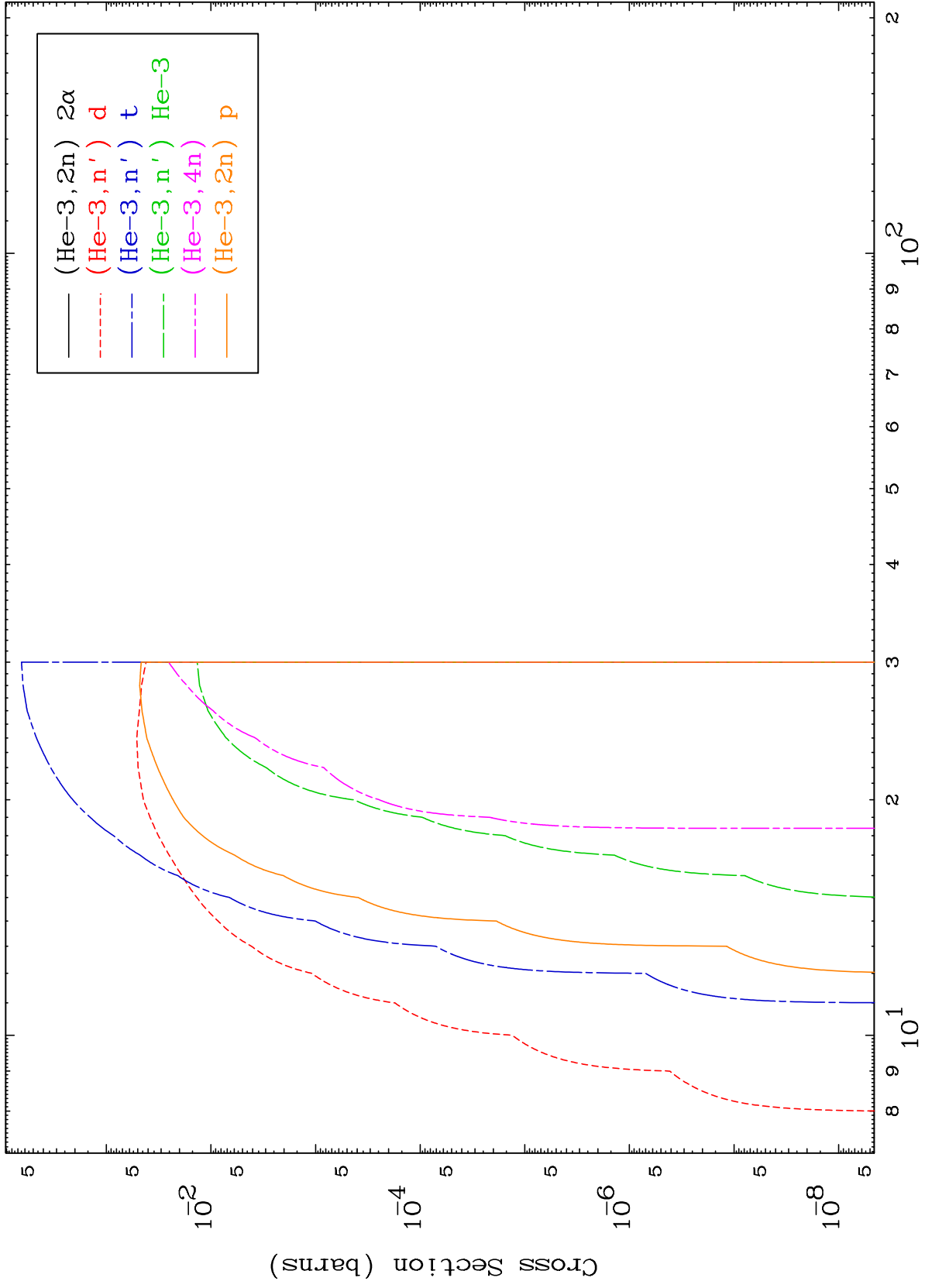
40-Zr-94

MAT 4037

He-3 Neutron Production
0 Kelvin Cross Sections

40-Zr-94

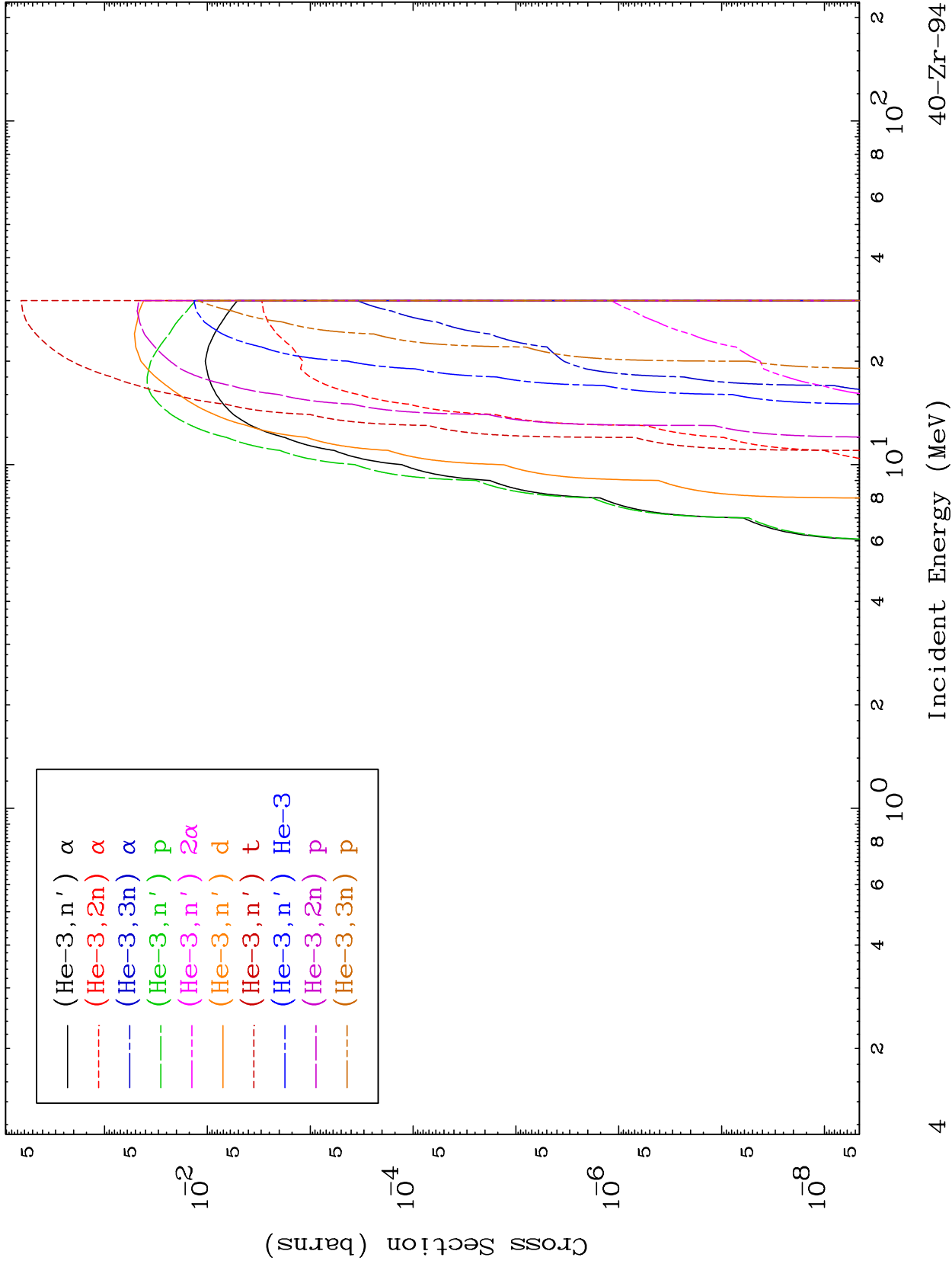


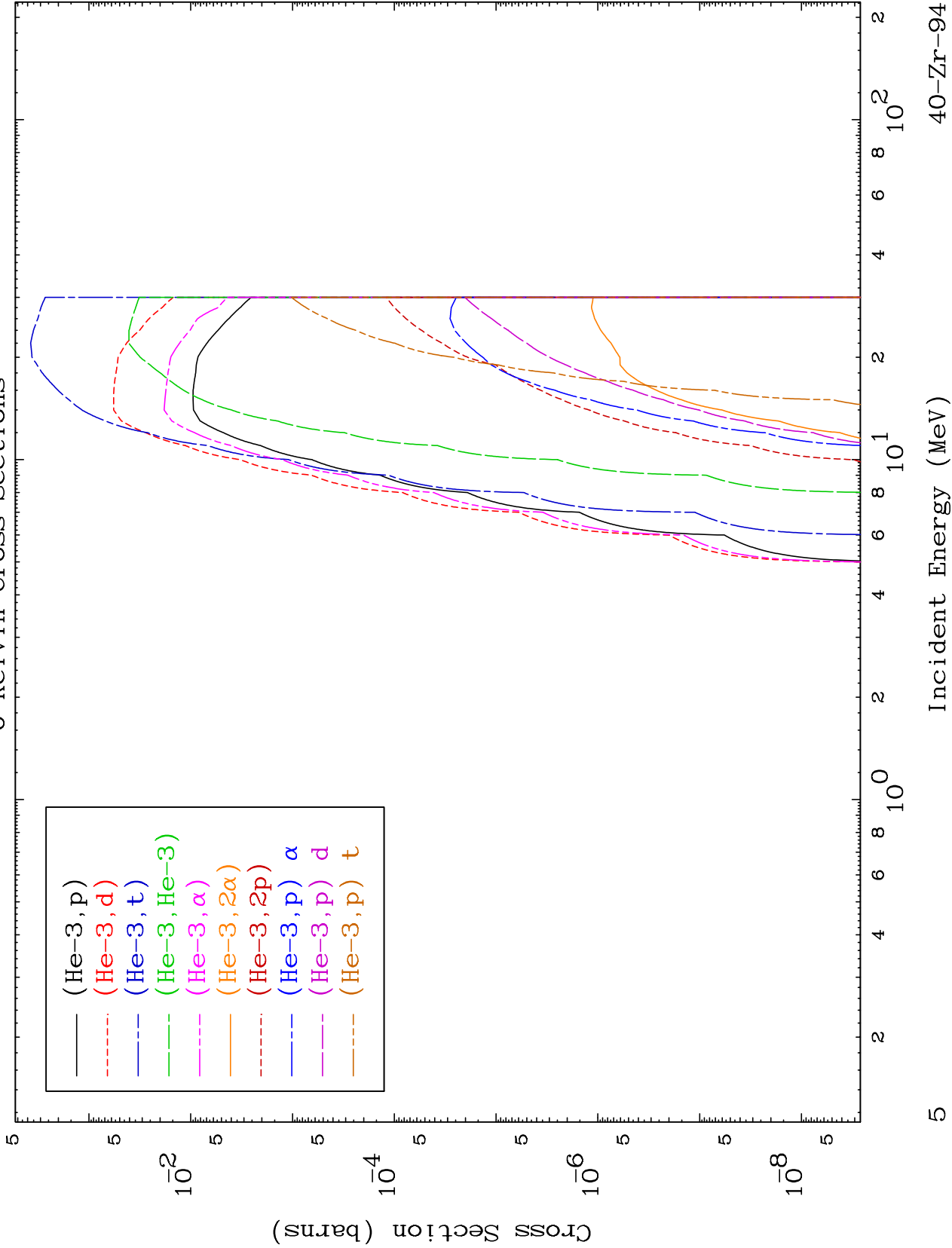


MAT 4037

He-3 Charged Particle
0 Kelvin Cross Sections

40-Zr-94

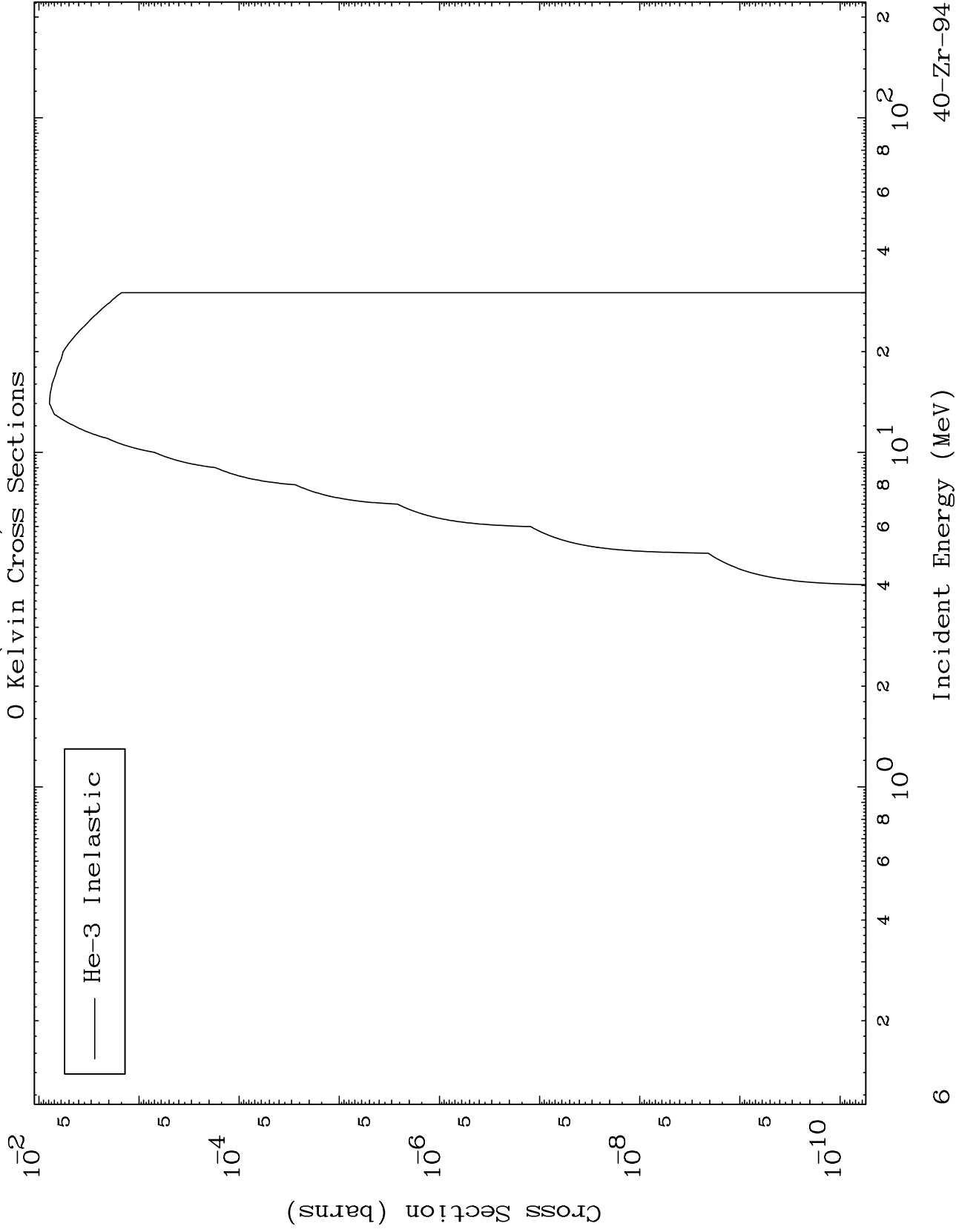




MAT 4037

40-Zr-94

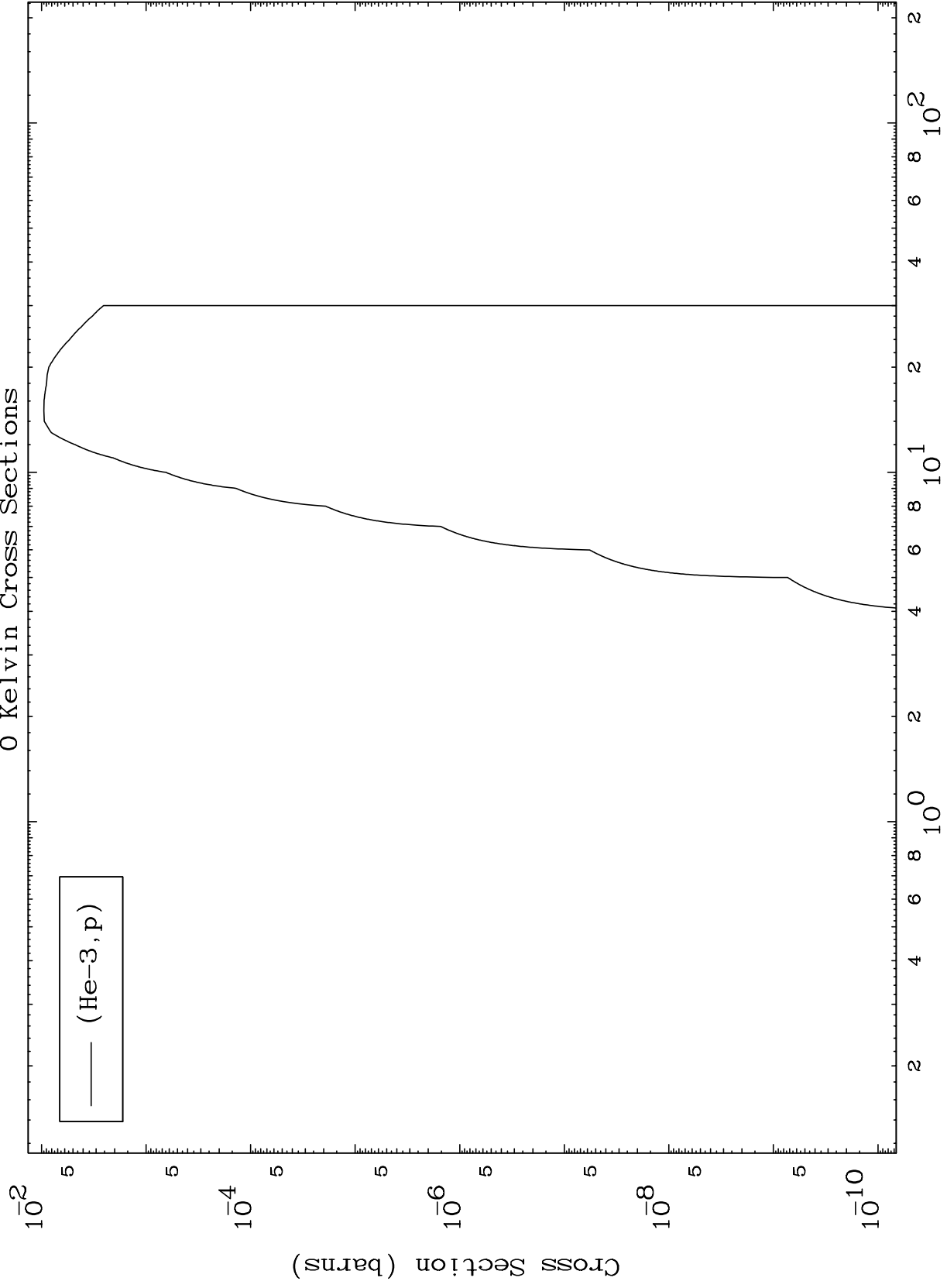
(He-3, n') Level
0 Kelvin Cross Sections



MAT 4037

40-Zr-94

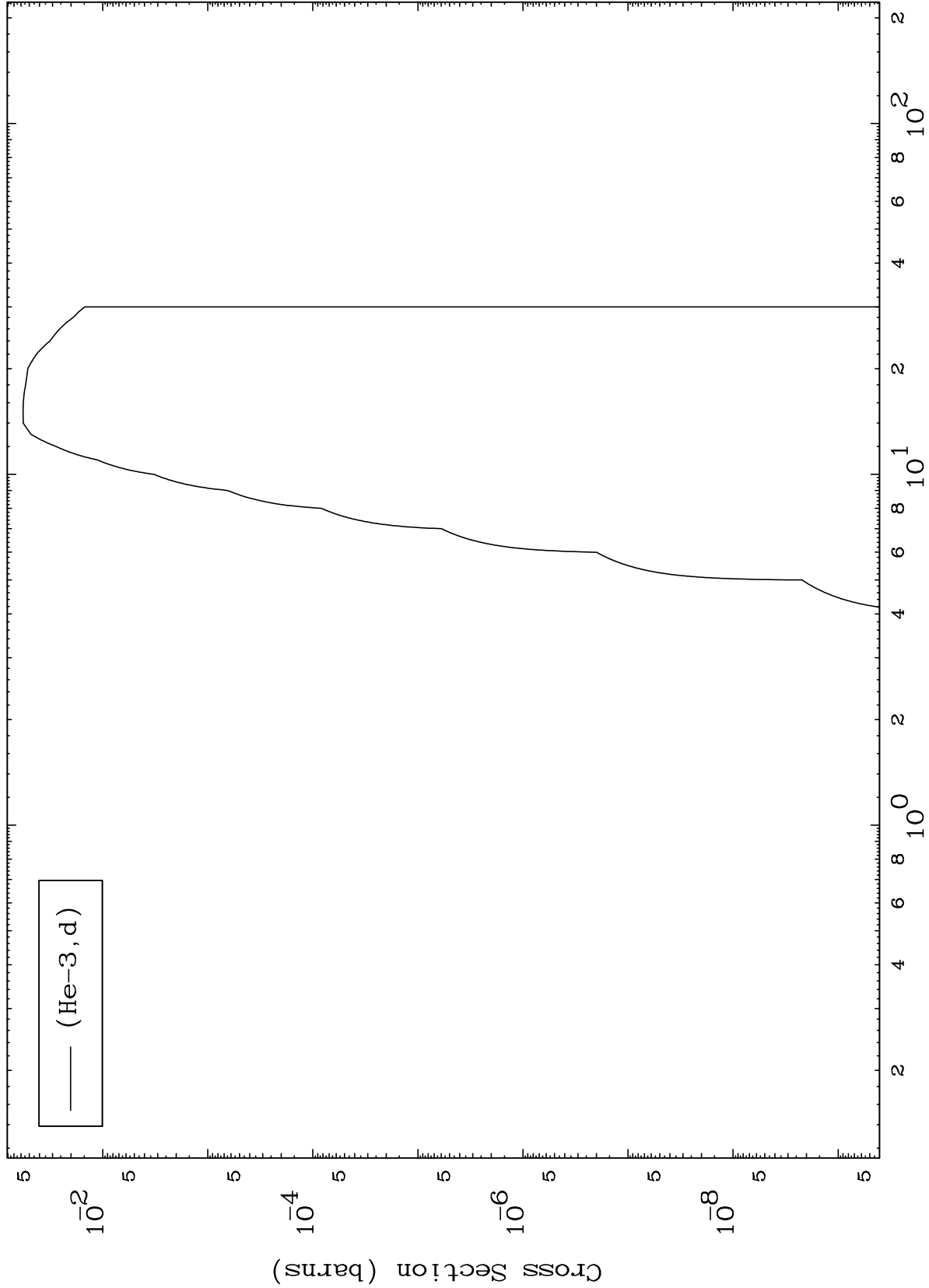
(He-3,p) Levels
0 Kelvin Cross Sections



40-Zr-94

Incident Energy (MeV)

0 Kelvin Cross Sections

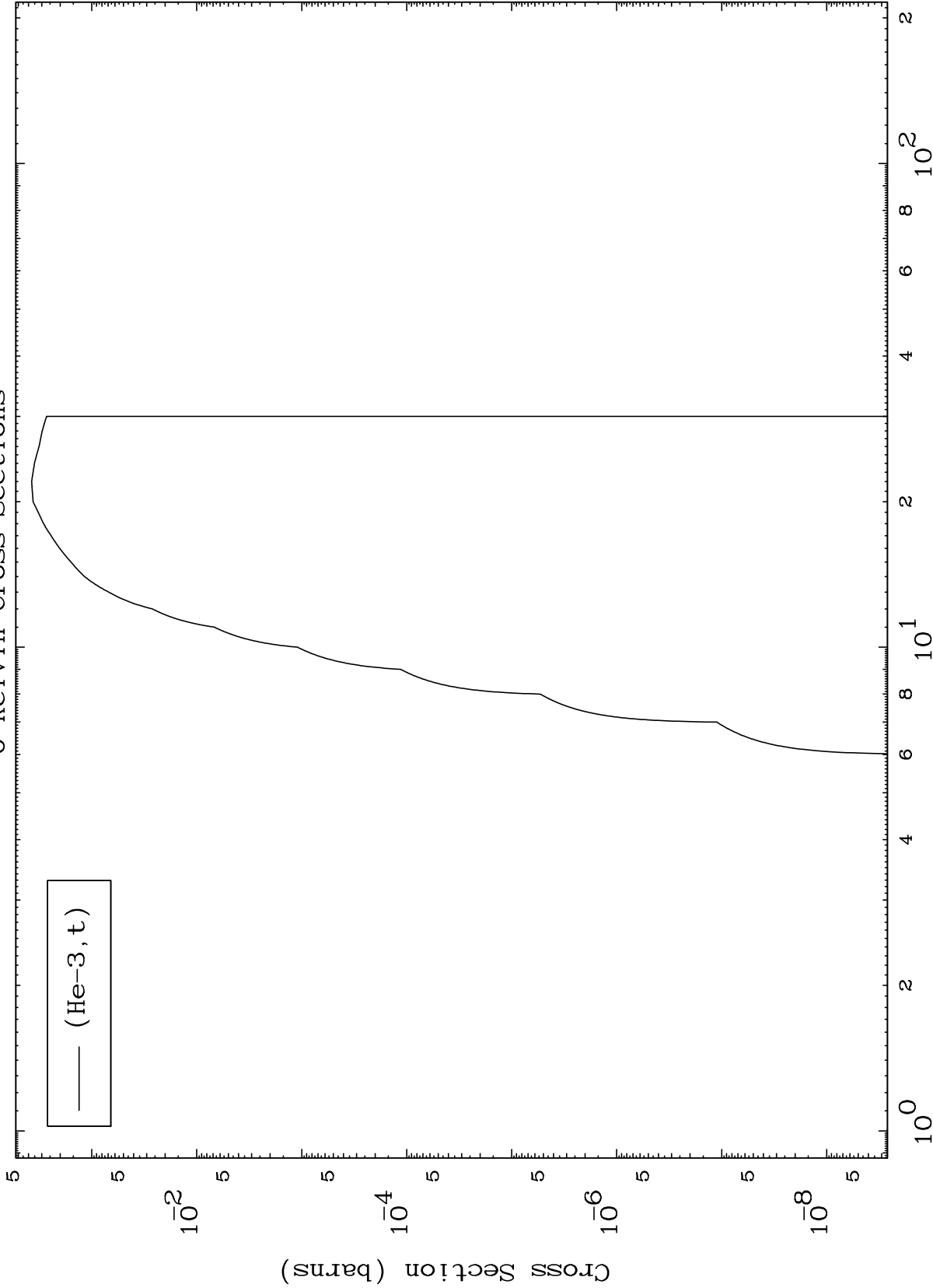


MAT 4037

(He-3, t) Levels

40-Zr-94

0 Kelvin Cross Sections



Incident Energy (MeV)

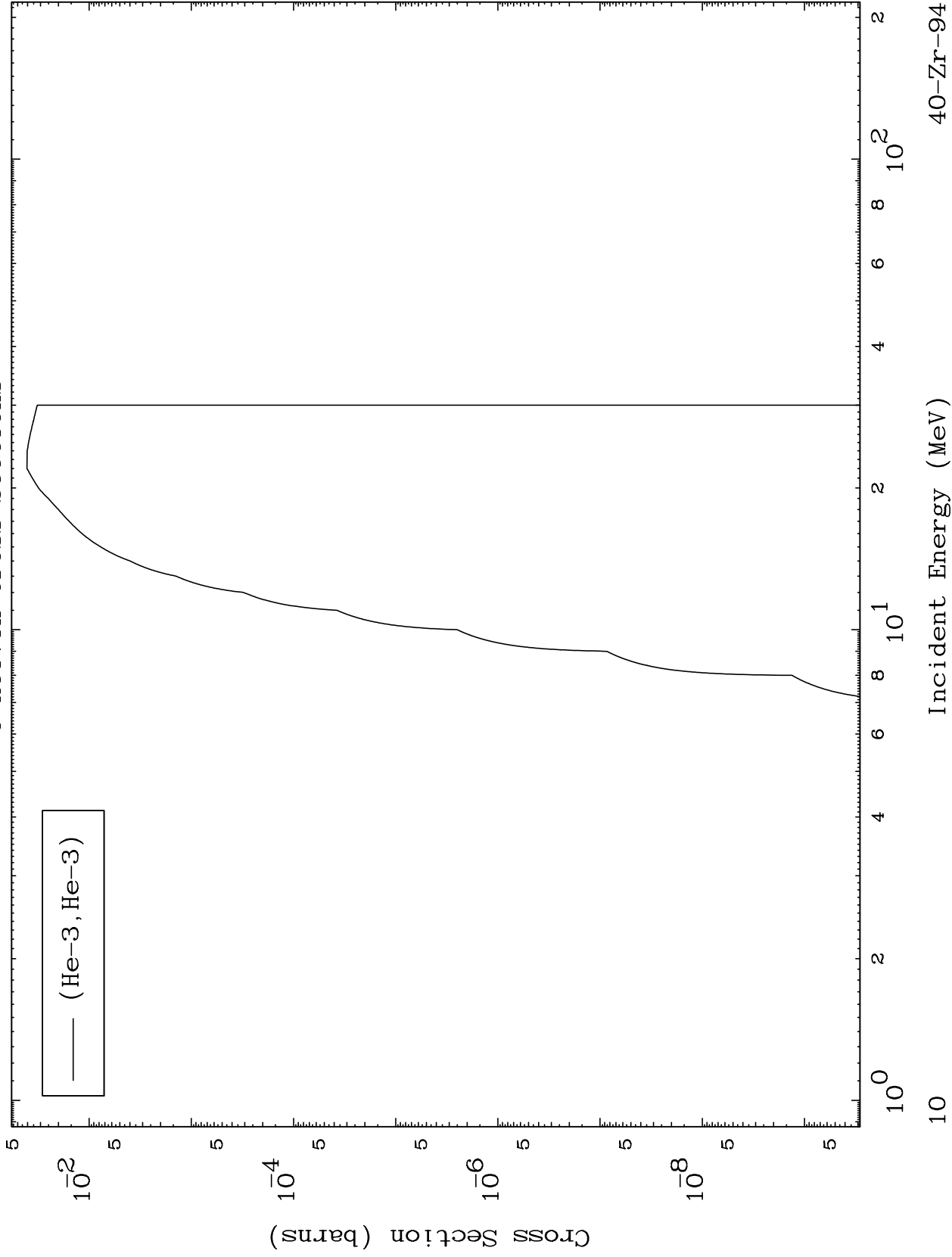
40-Zr-94

9

MAT 4037

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

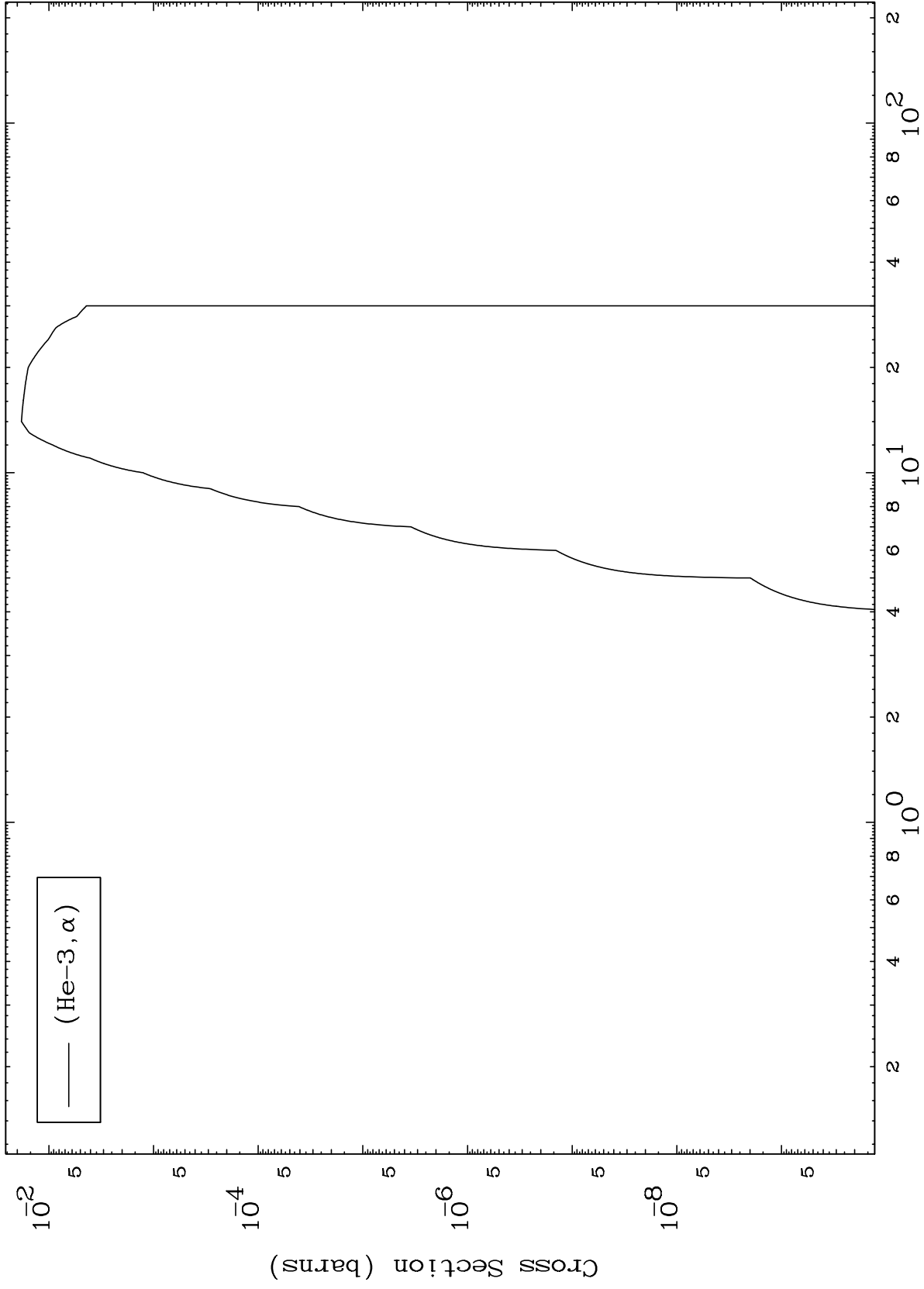
40-Zr-94



MAT 4037

40-Zr-94

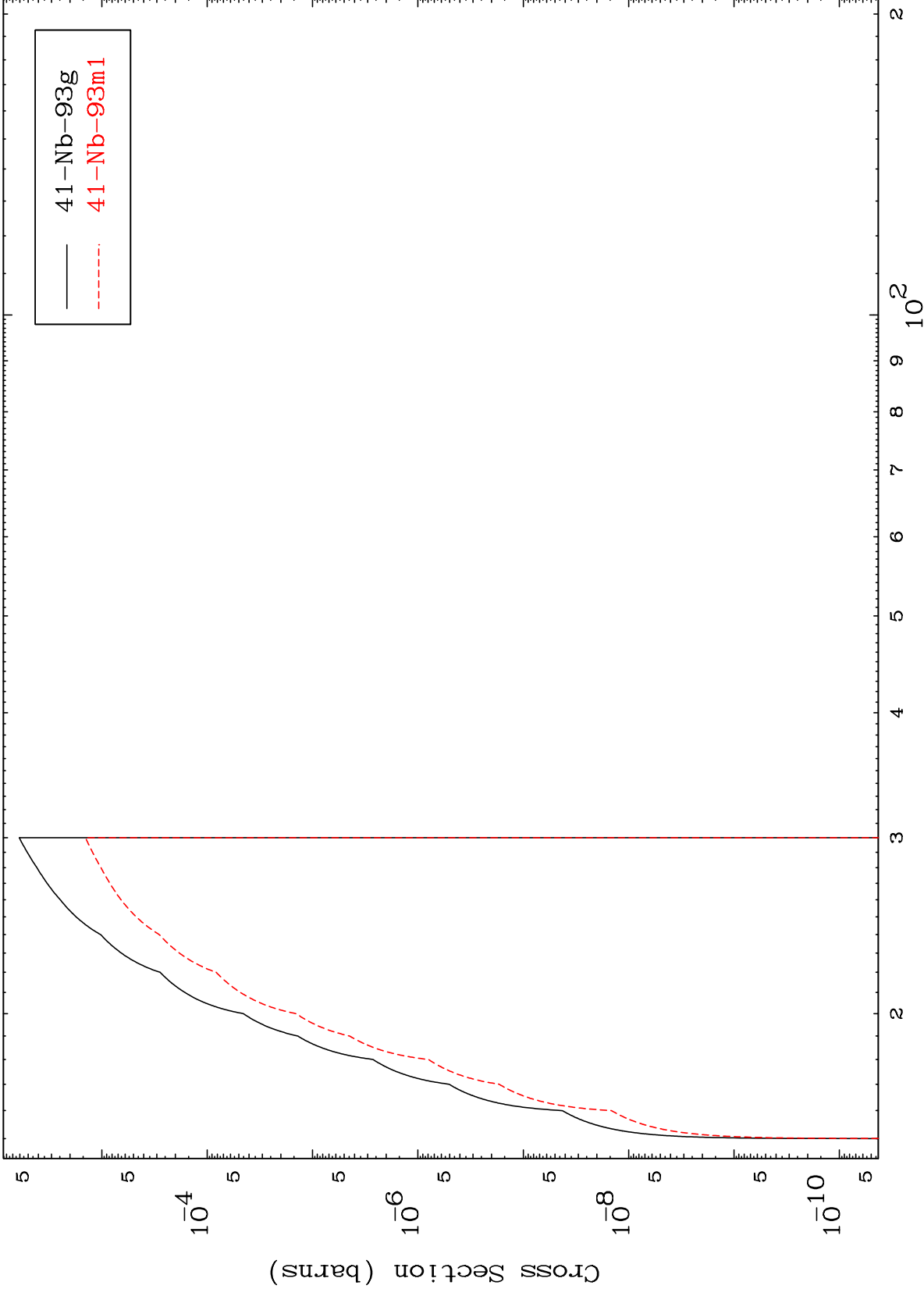
(He-3, α) Levels
0 Kelvin Cross Sections



40-Zr-94

Incident Energy (MeV)

Radionuclide Production Cross Section

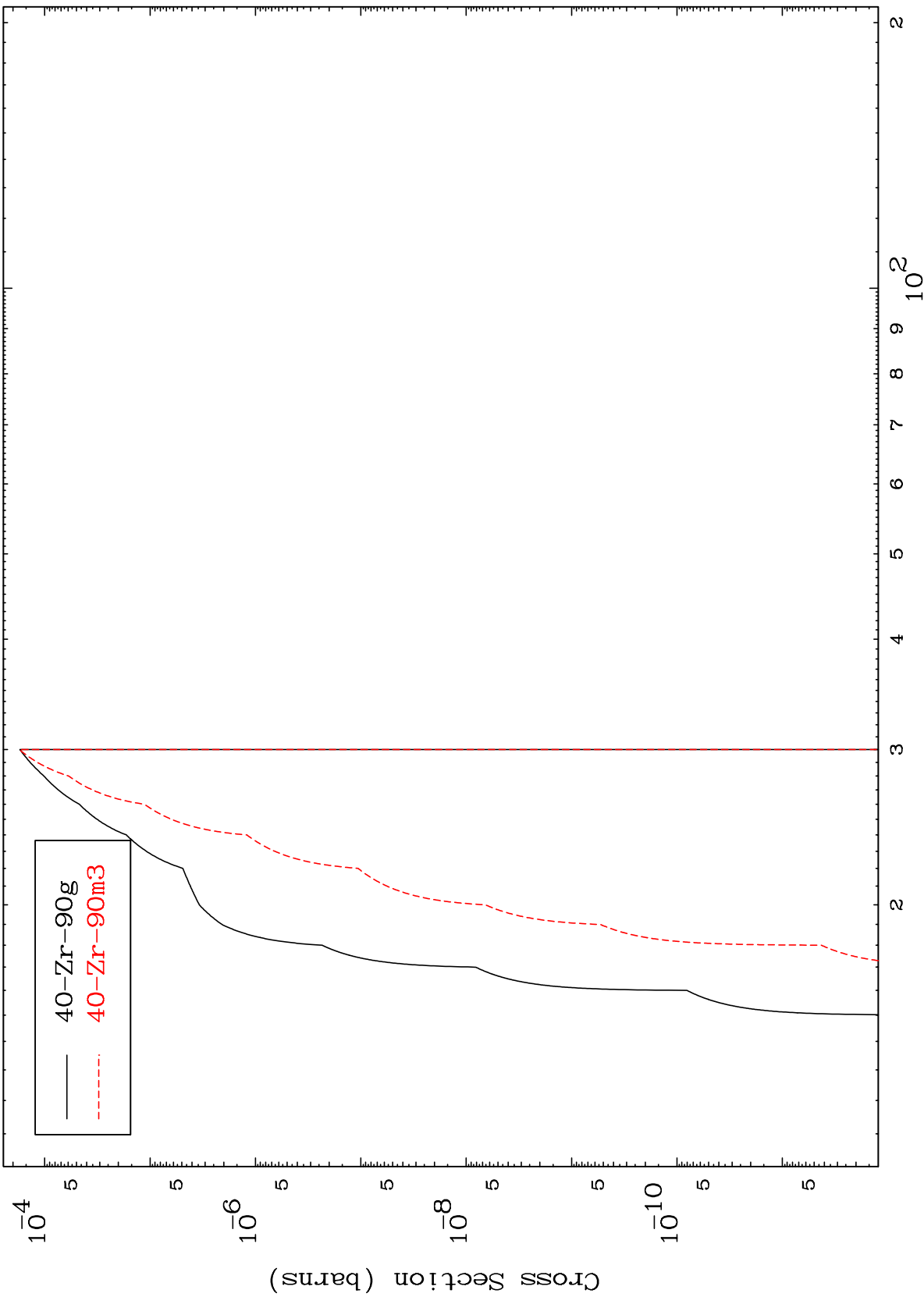


MAT 4037

(He-3,3n) α

40-Zr-94

Radionuclide Production Cross Section

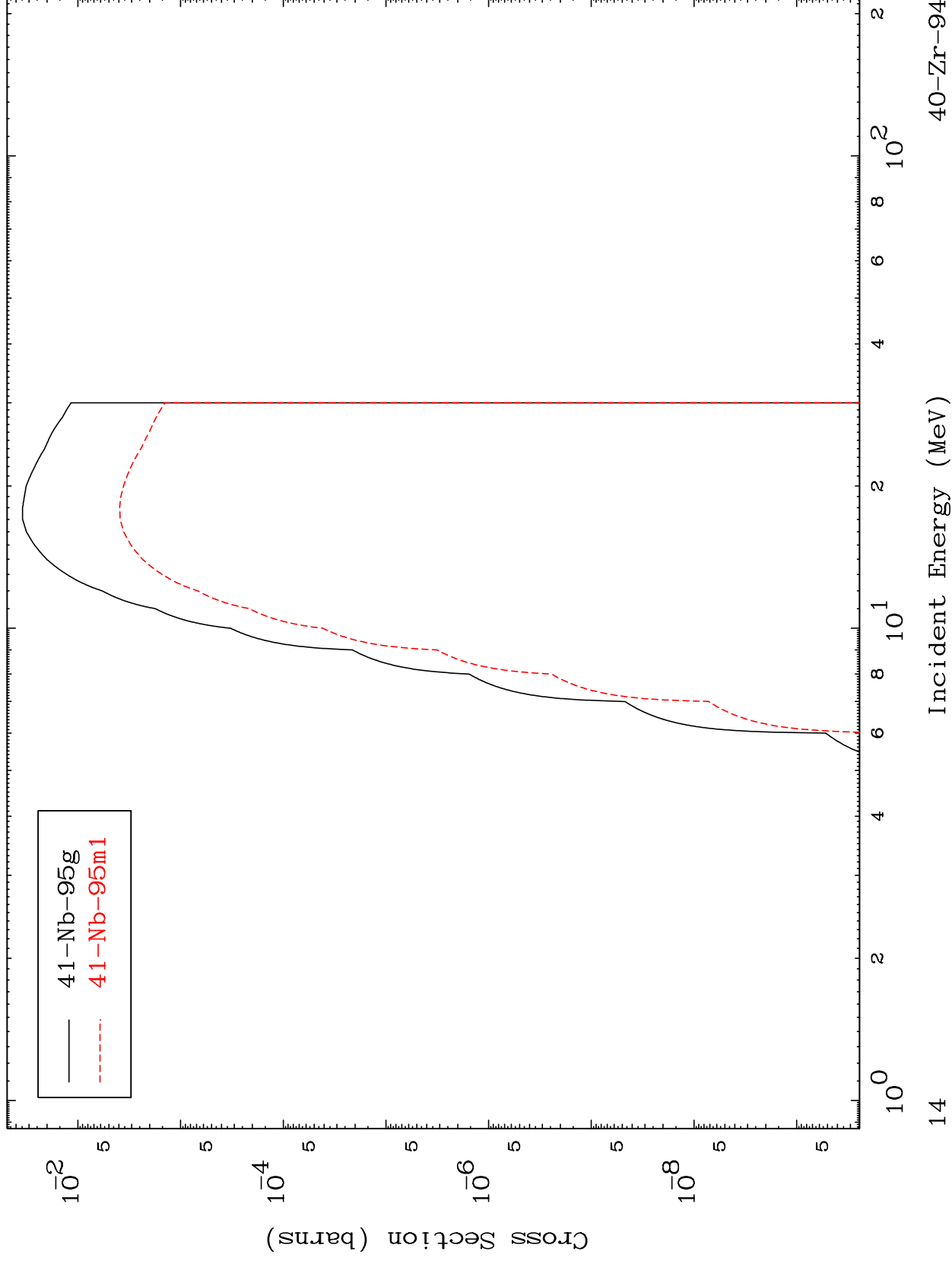


MAT 4037

(He-3, n') p

40-Zr-94

Radionuclide Production Cross Section

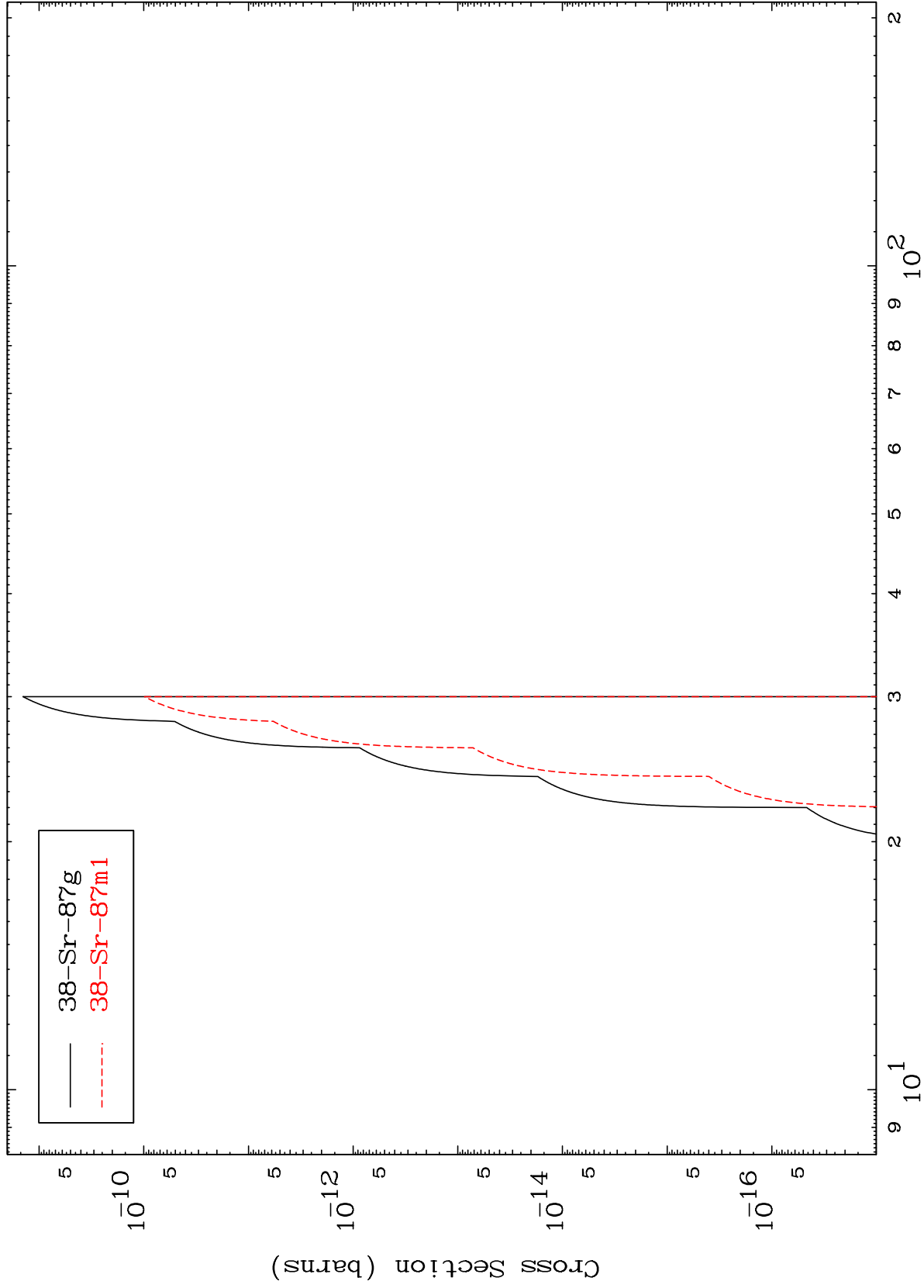


MAT 4037

(He-3,2n) 2α

40-Zr-94

Radionuclide Production Cross Section



15

Incident Energy (MeV)

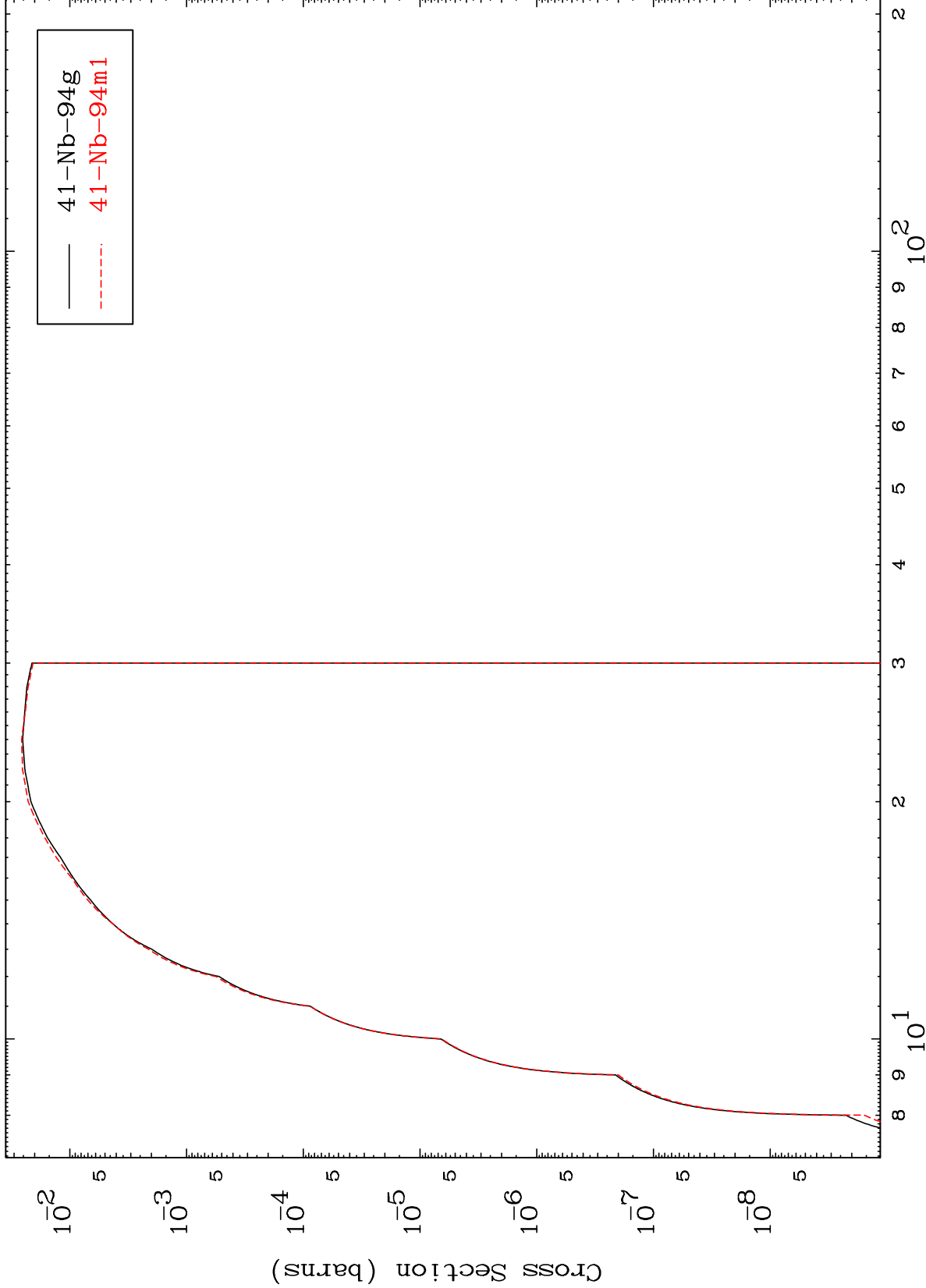
40-Zr-94

MAT 4037

(He-3, n') d

40-Zr-94

Radionuclide Production Cross Section



16

Incident Energy (MeV)

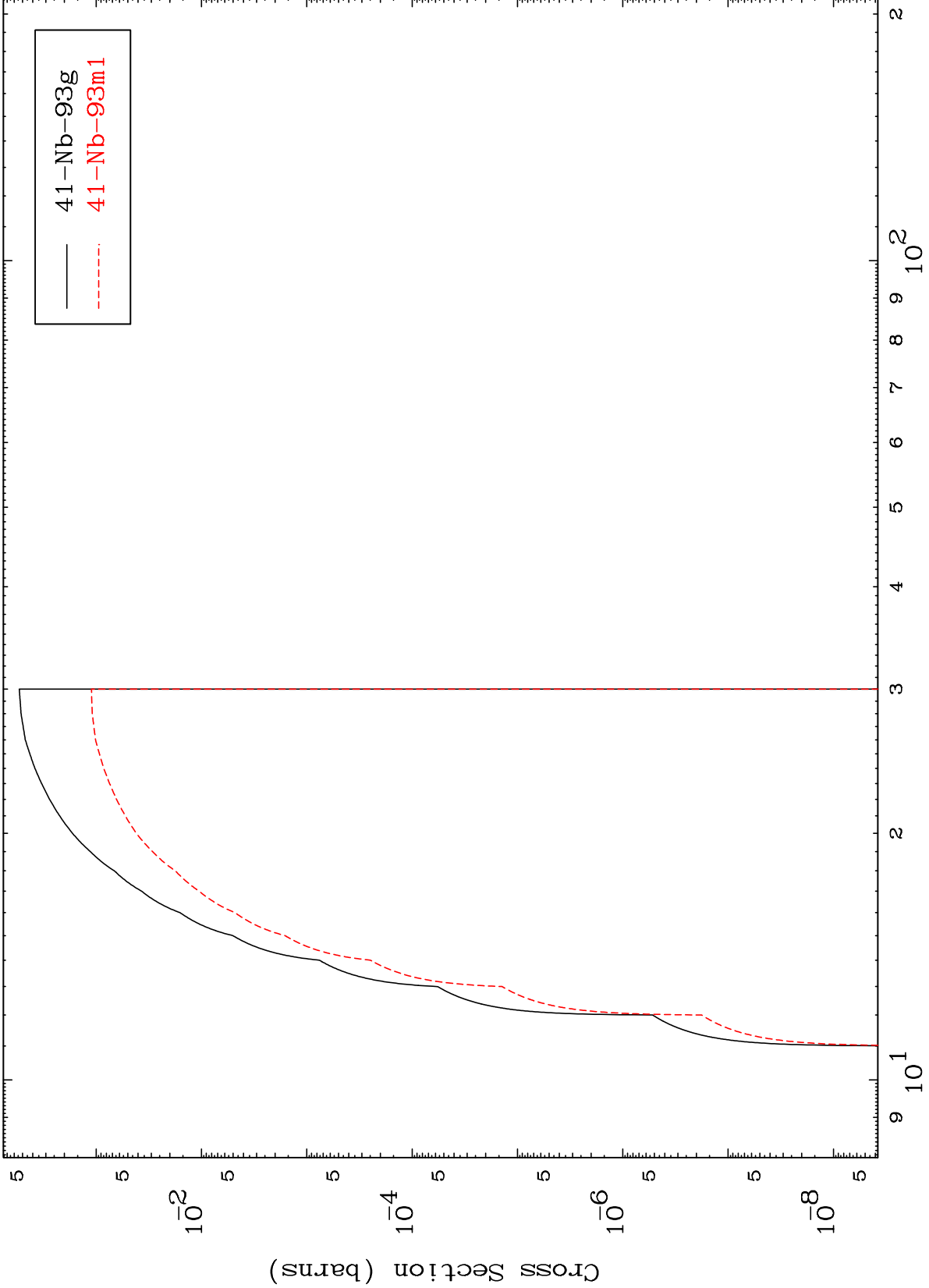
40-Zr-94

MAT 4037

(He-3, n') t

40-Zr-94

Radionuclide Production Cross Section



17

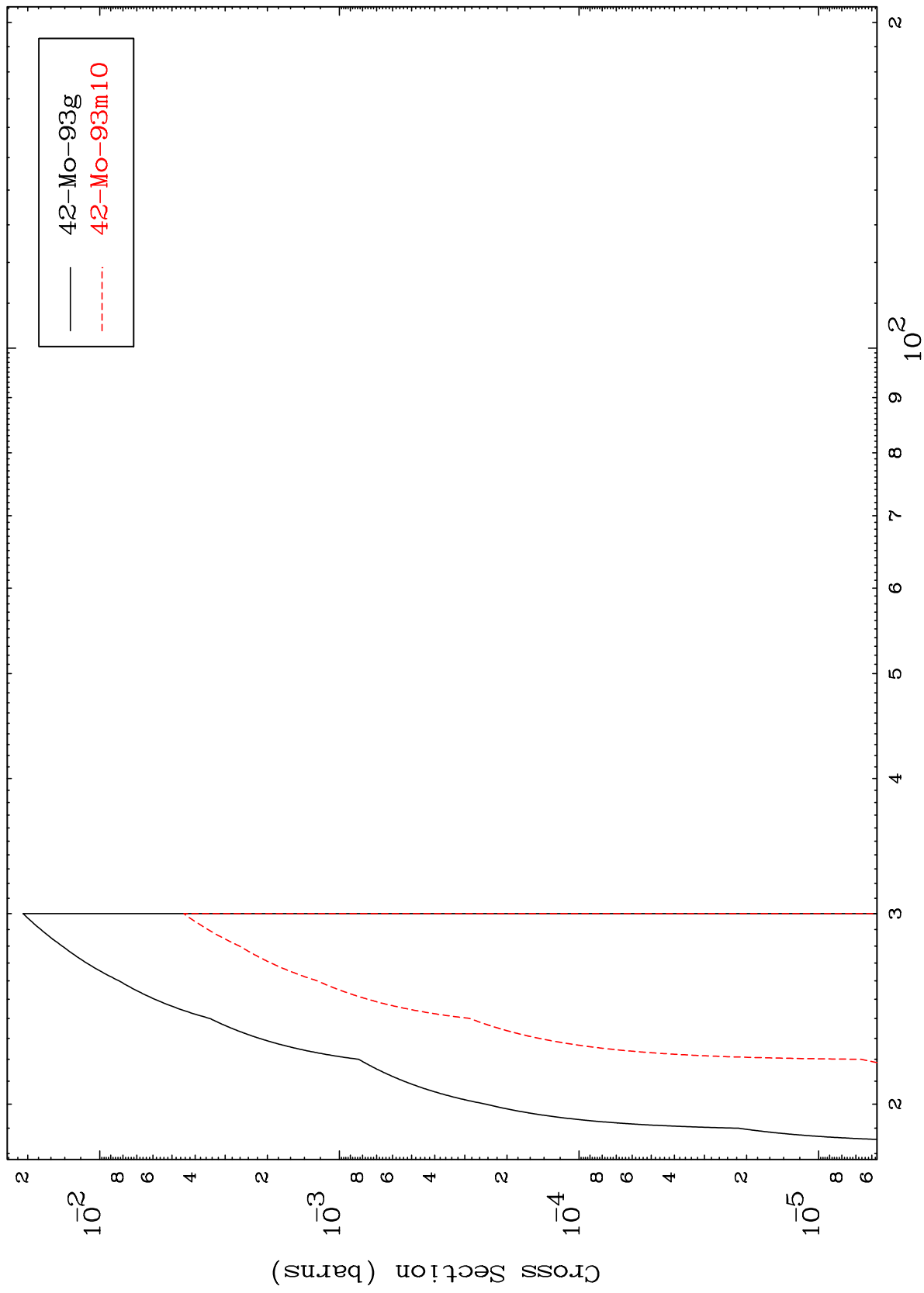
Incident Energy (MeV)

40-Zr-94

MAT 4037

40-Zr-94

(He-3, 4n)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

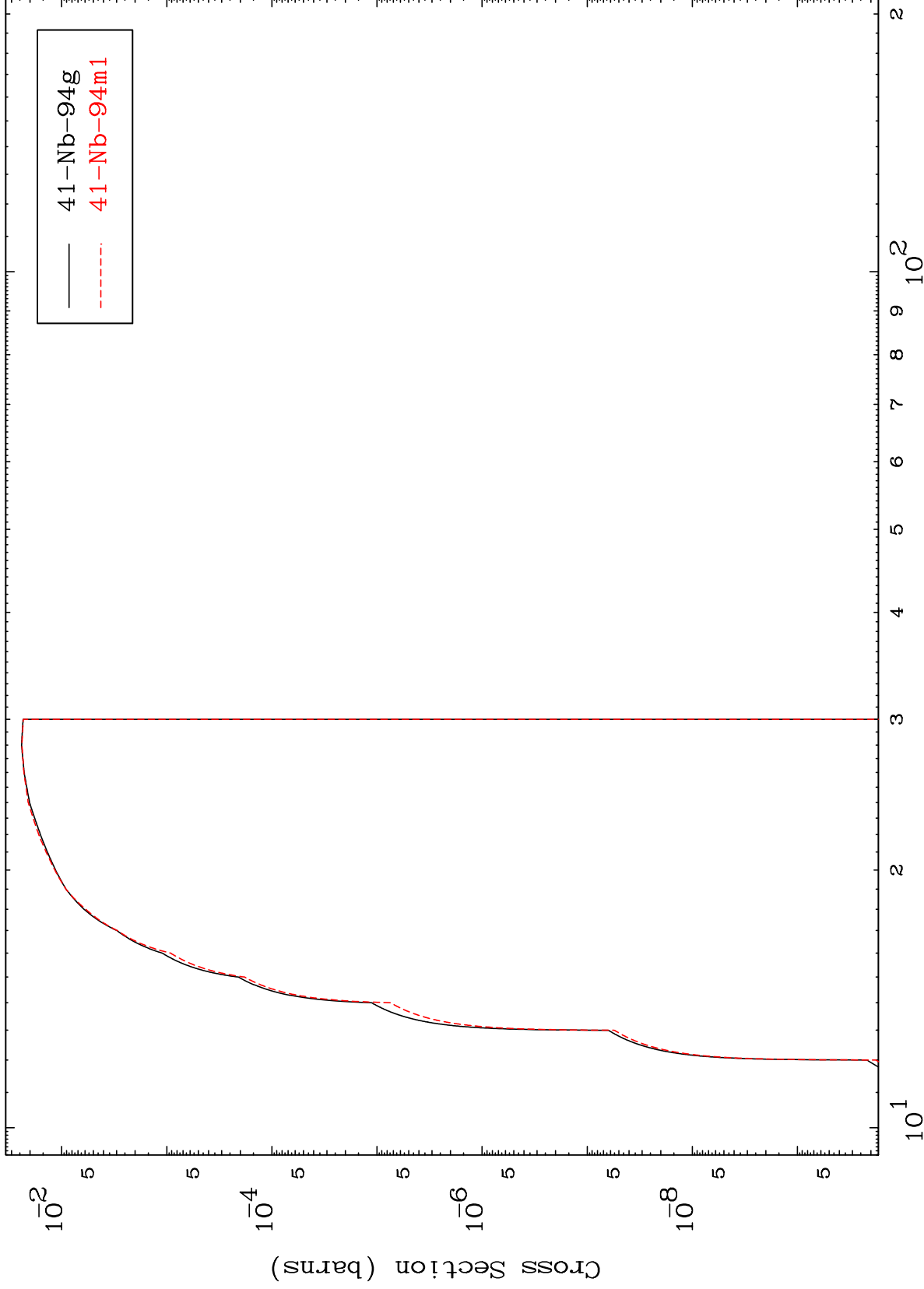
40-Zr-94

MAT 4037

(He-3,2n) p

40-Zr-94

Radionuclide Production Cross Section



19

Incident Energy (MeV)

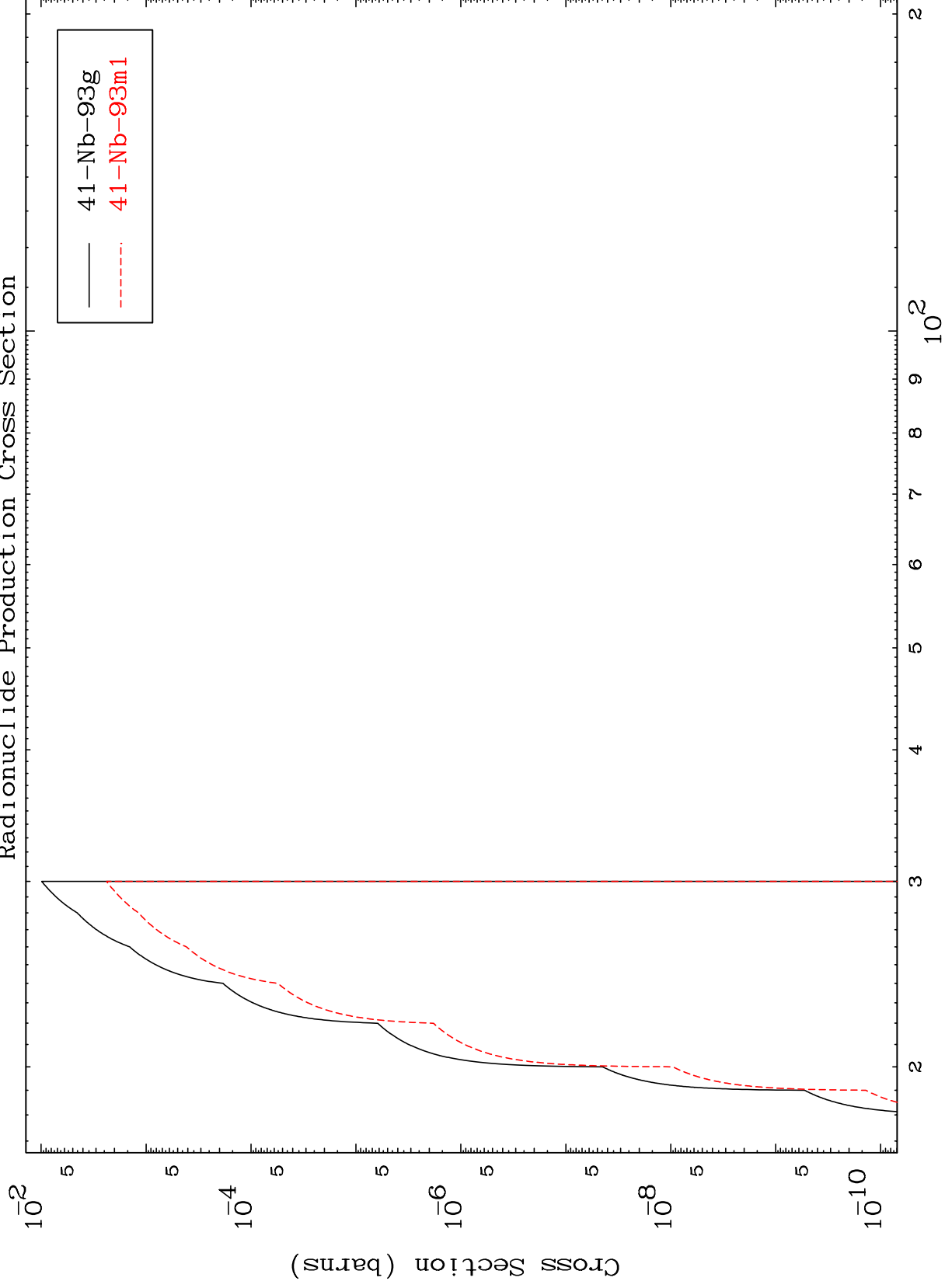
40-Zr-94

MAT 4037

(He-3,3n) p

40-Zr-94

Radionuclide Production Cross Section



20

Incident Energy (MeV)

10²

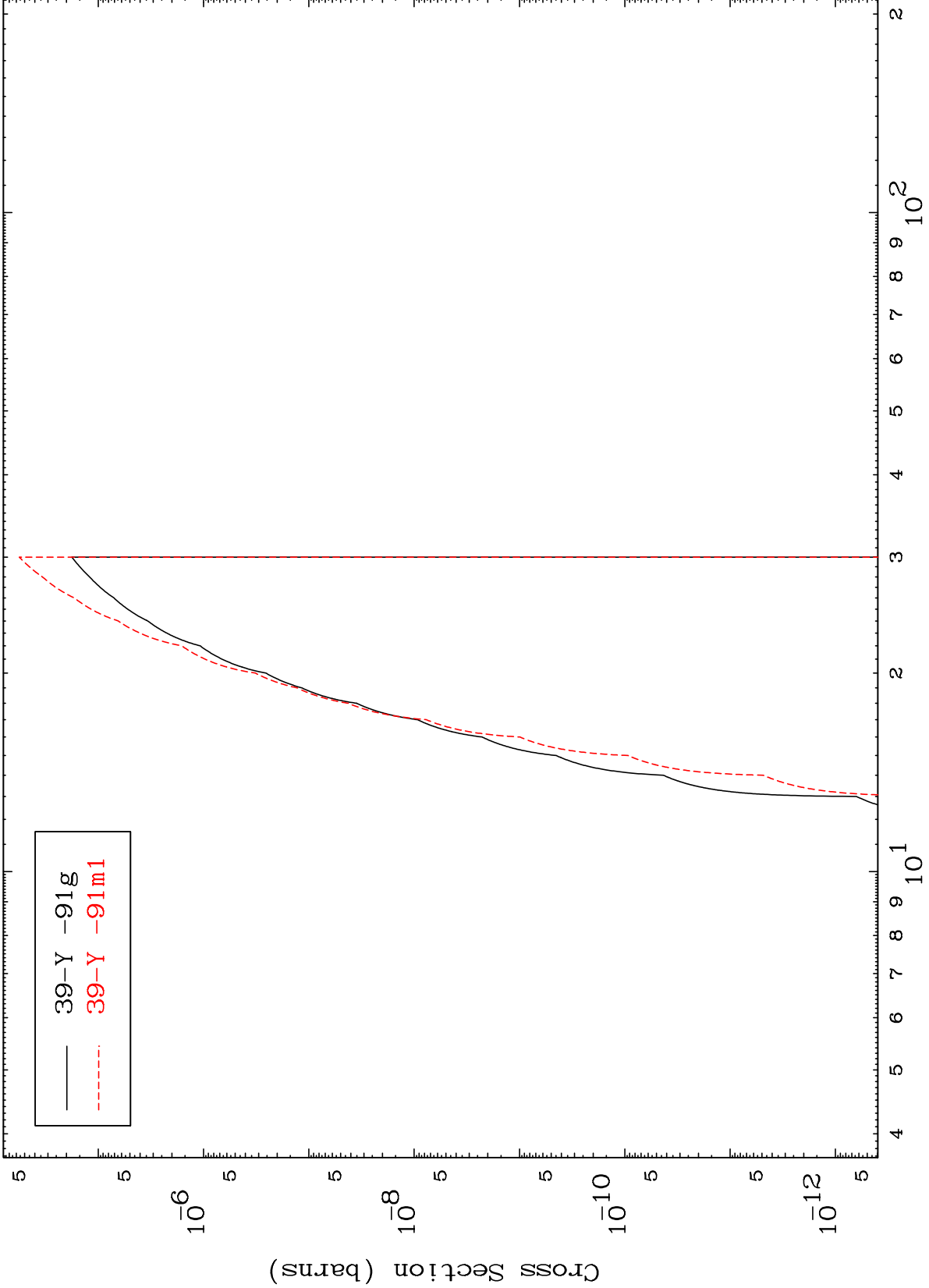
40-Zr-94

MAT 4037

(He-3, n') p α

40-Zr-94

Radionuclide Production Cross Section



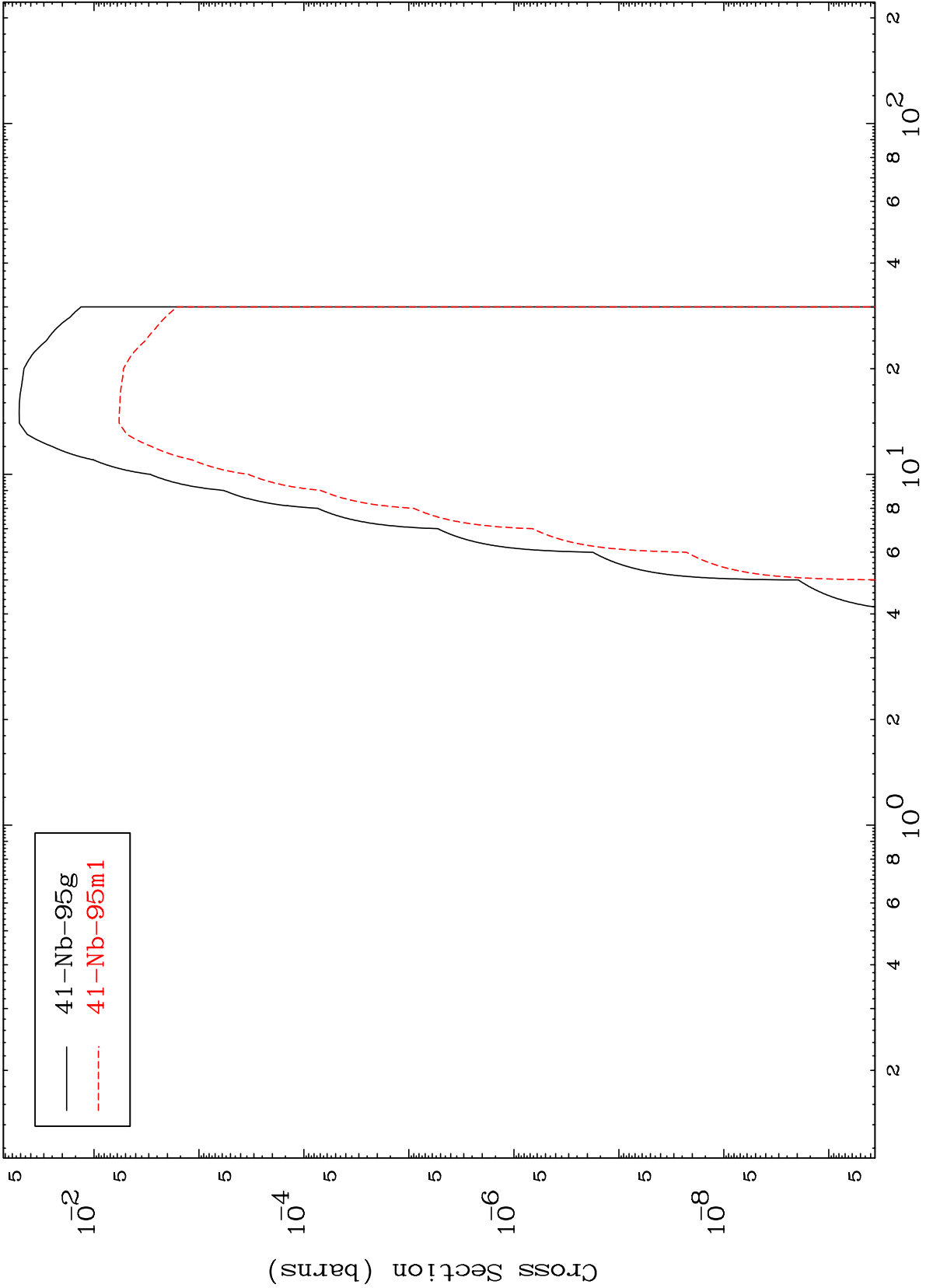
Legend:
— 39-Y -91g
- - - 39-Y -91m1

MAT 4037

(He-3, d)

40-Zr-94

Radionuclide Production Cross Section

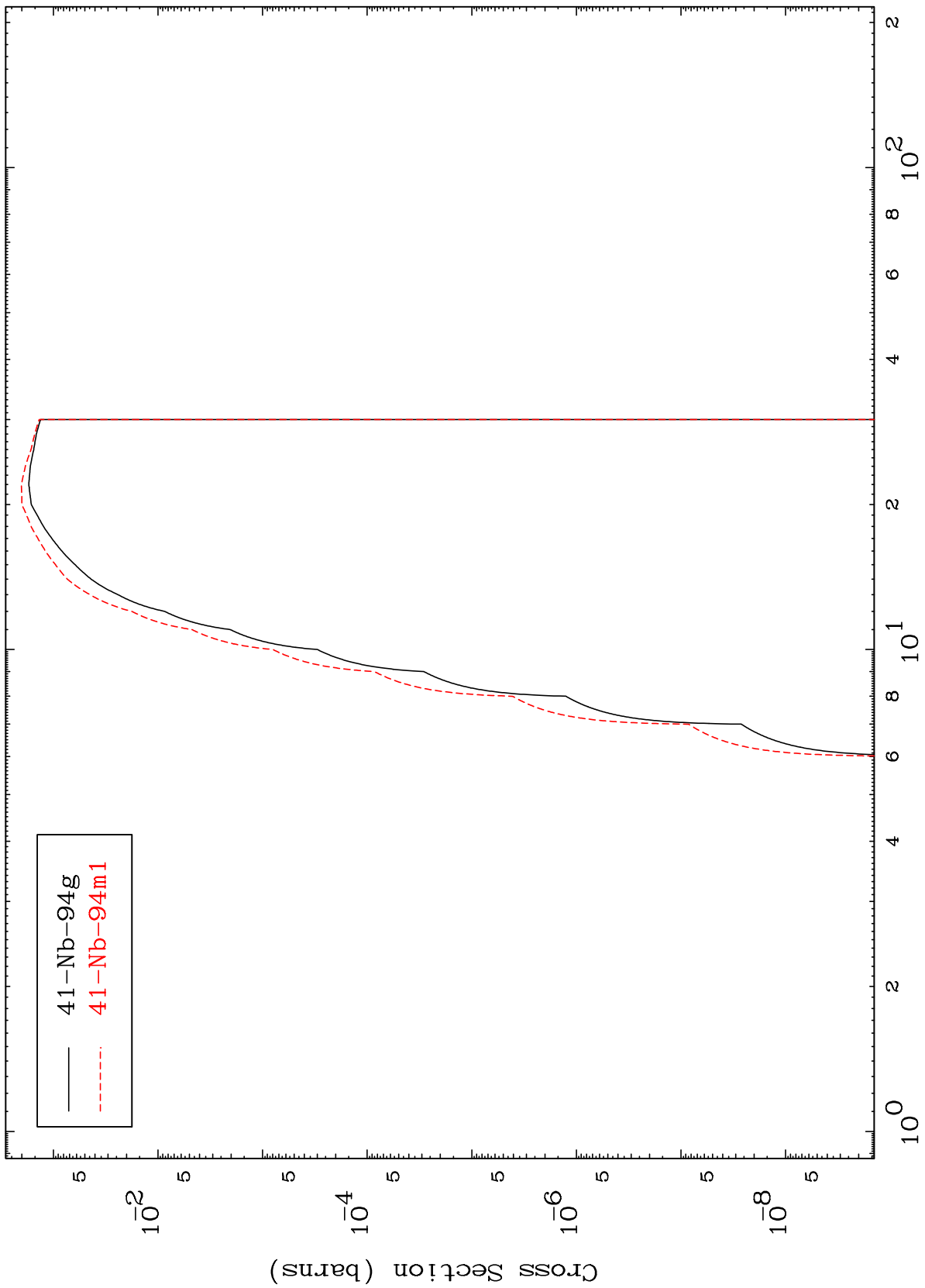


— 41-Nb-95g
- - - 41-Nb-95m1

MAT 4037

40-Zr-94

(He-3, t)
Radionuclide Production Cross Section



— 41-Nb-94g
- - - 41-Nb-94m1

23

Incident Energy (MeV)

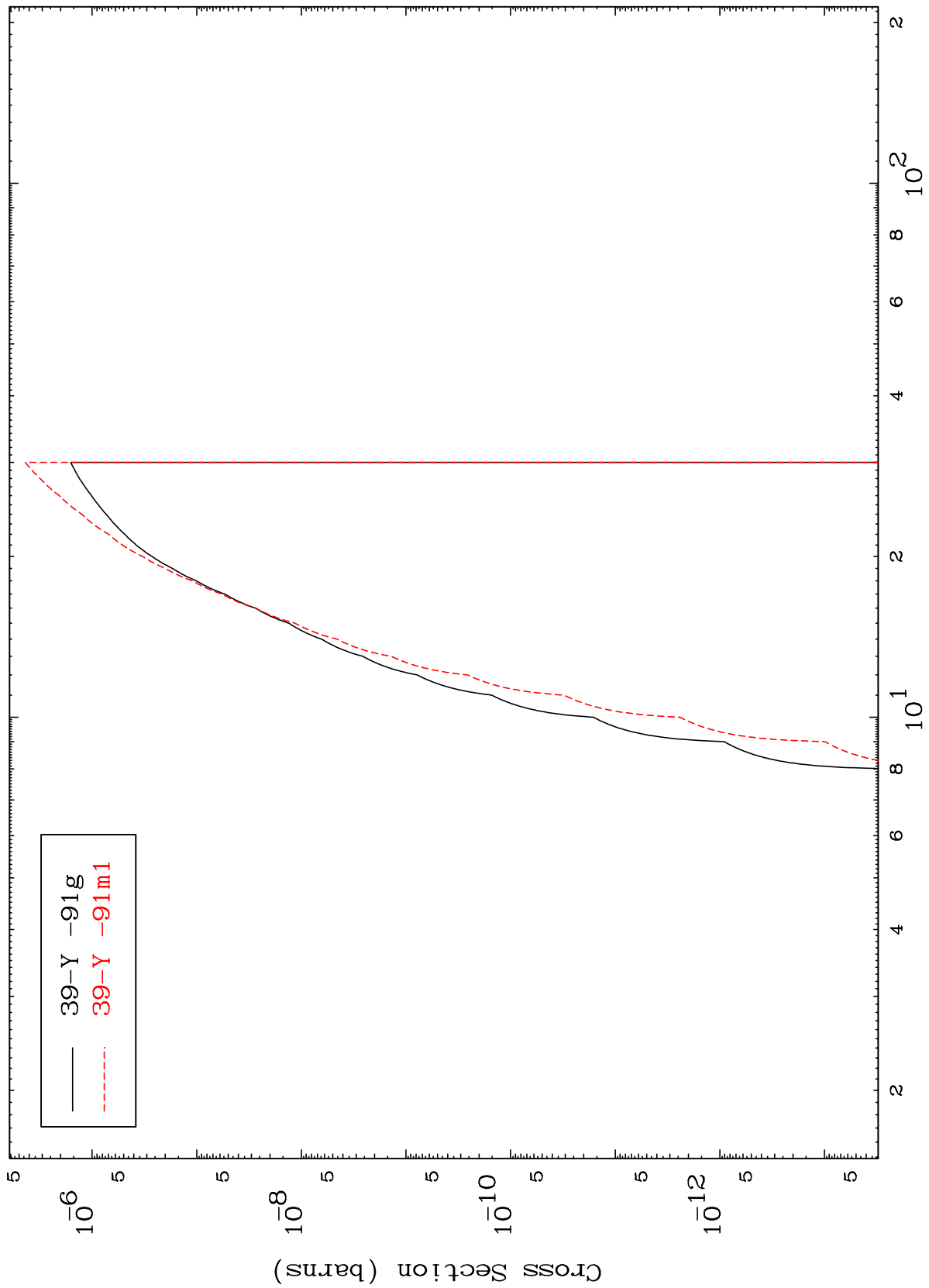
40-Zr-94

MAT 4037

(He-3, d) α

40-Zr-94

Radionuclide Production Cross Section



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

24

Incident Energy (MeV)

40-Zr-94