

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

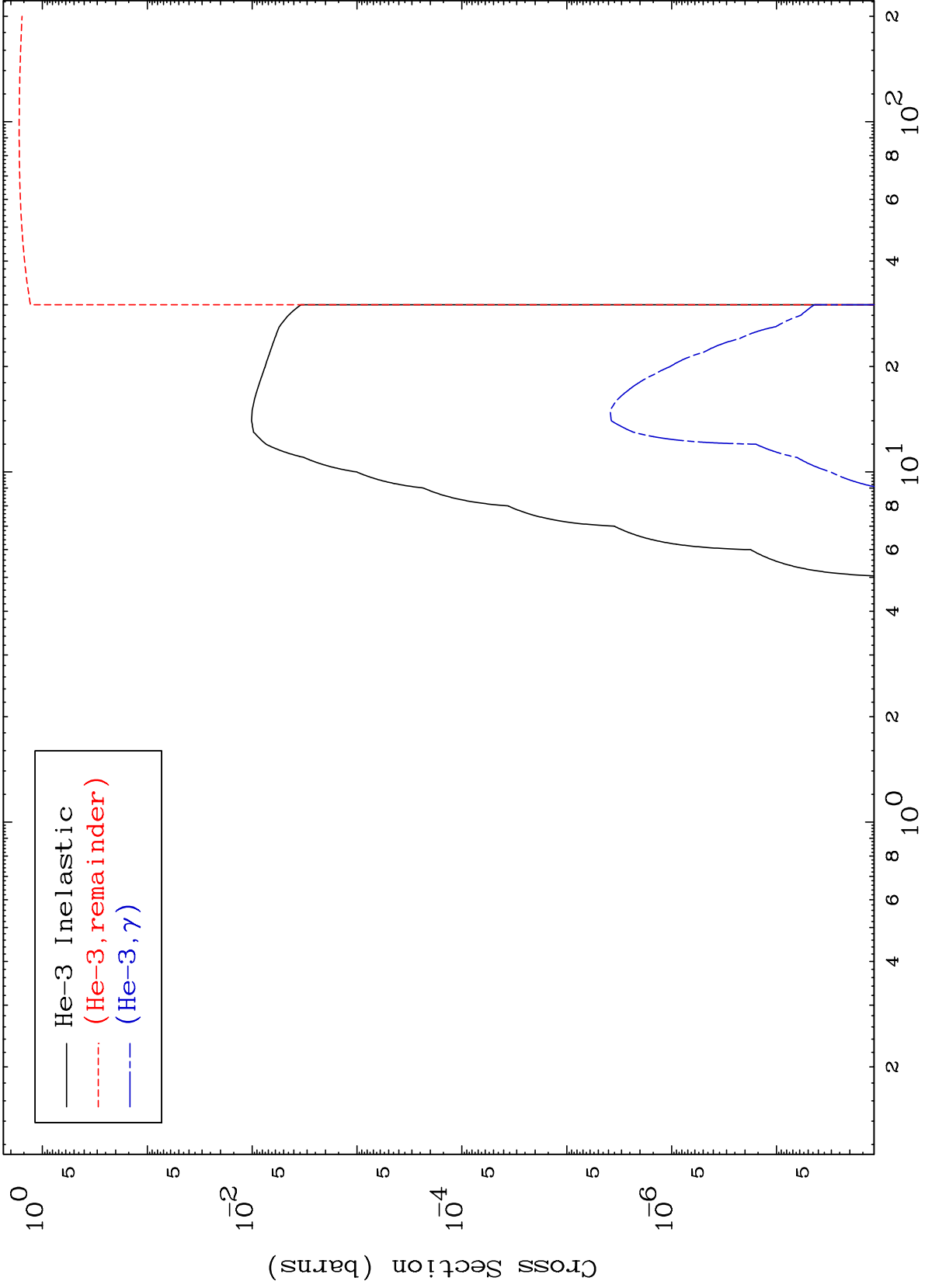
Press Mouse Button to Start

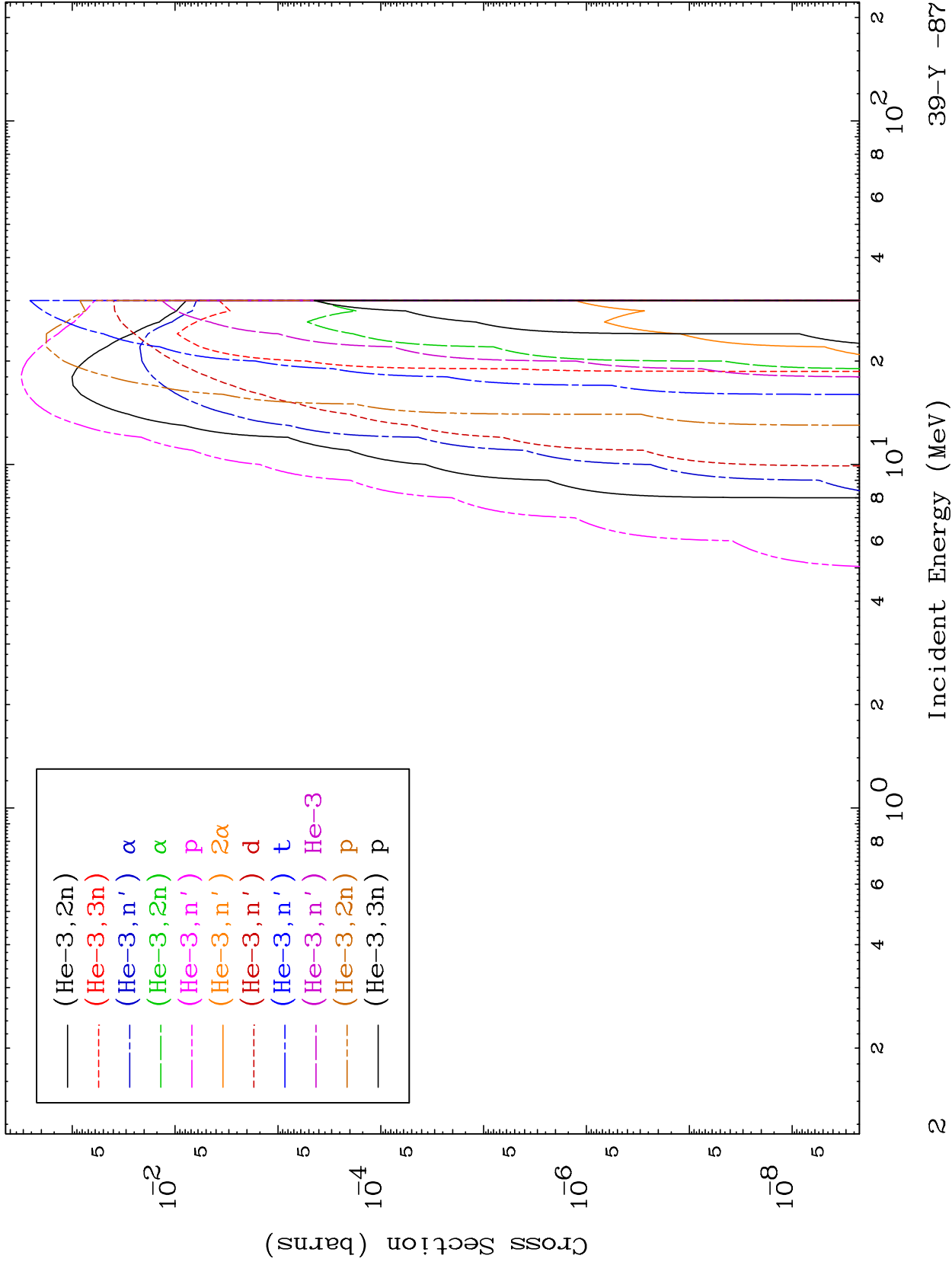
MAT 3920

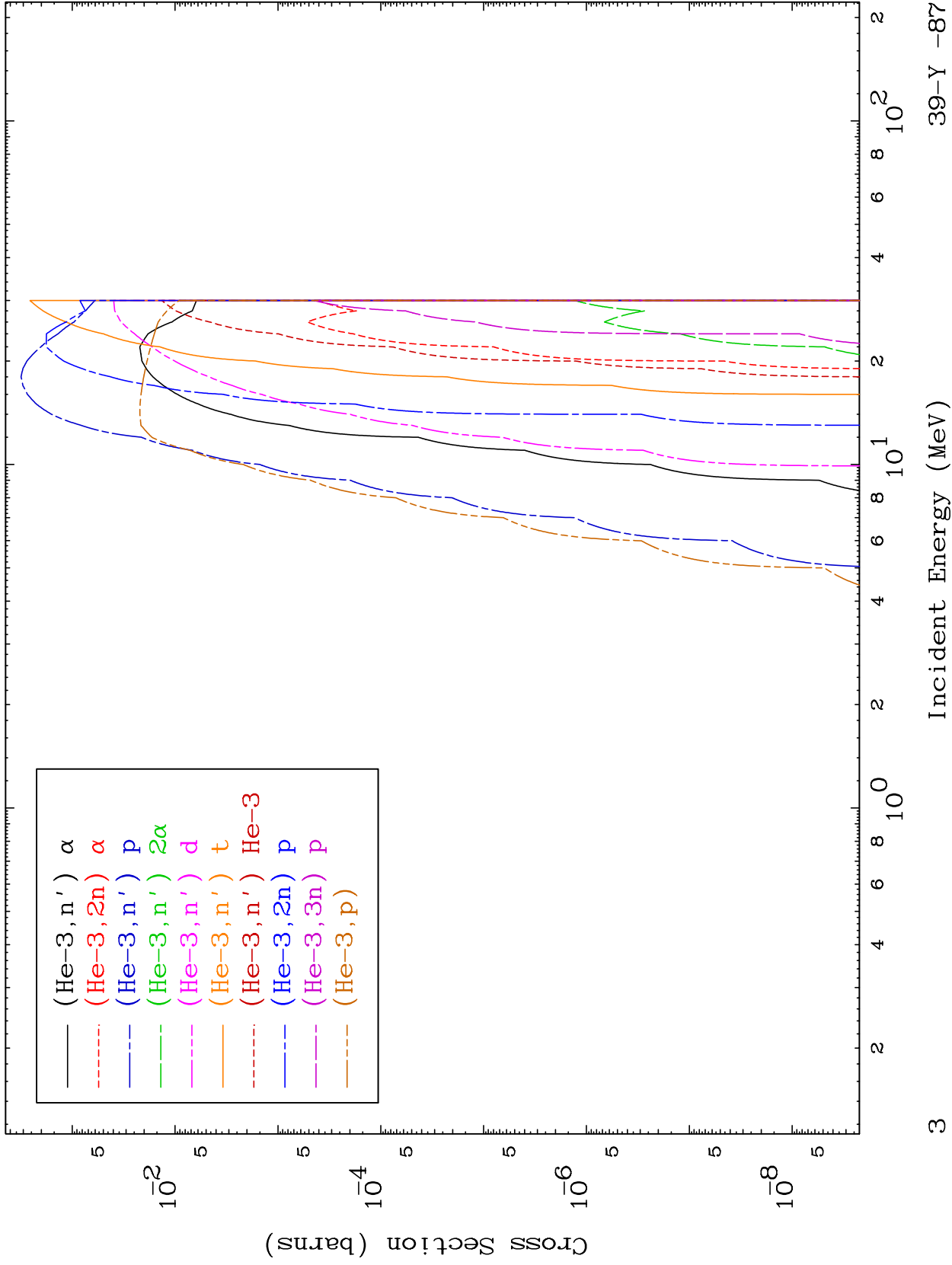
He-3 Major

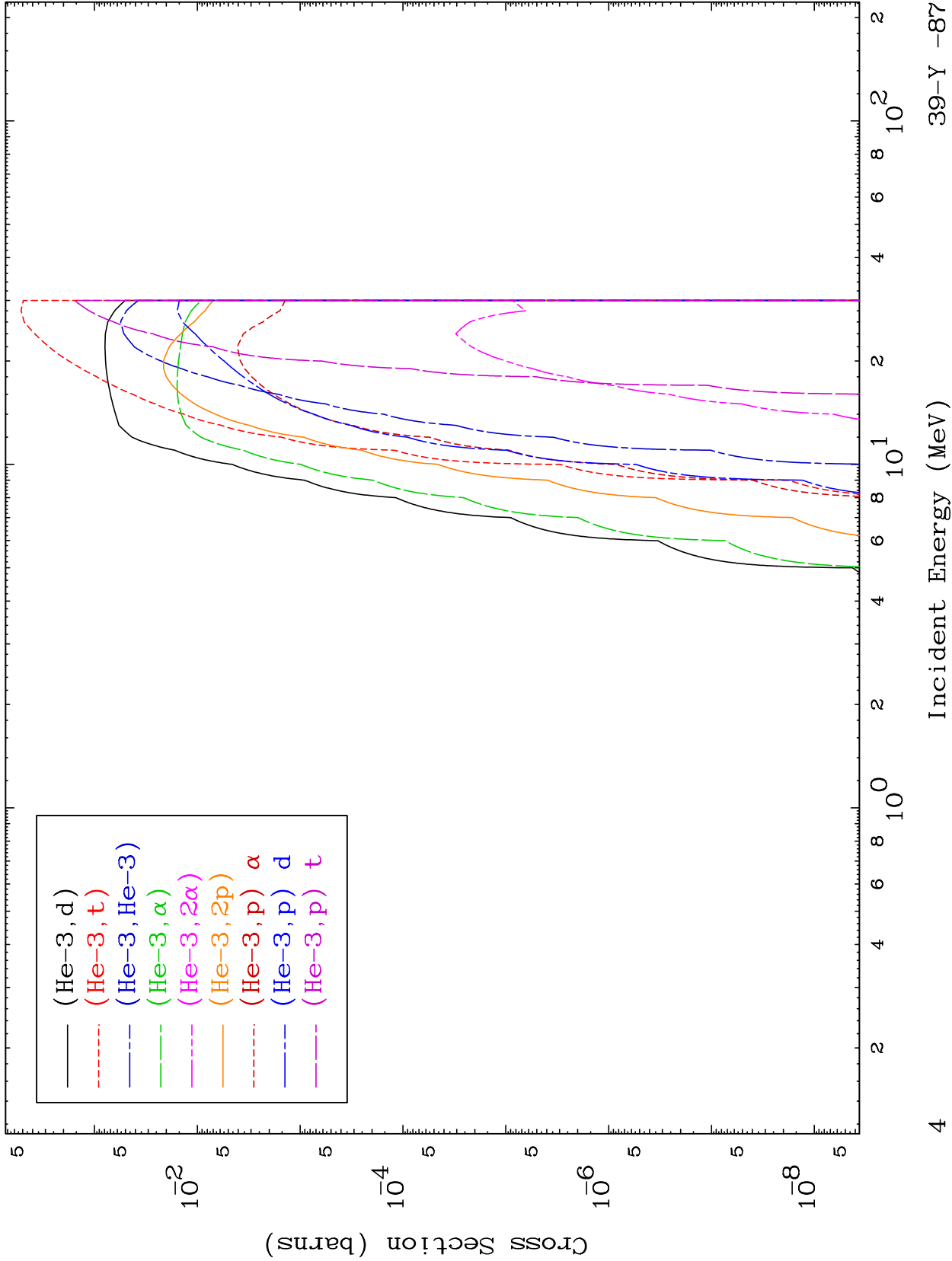
39-Y -87

0 Kelvin Cross Sections





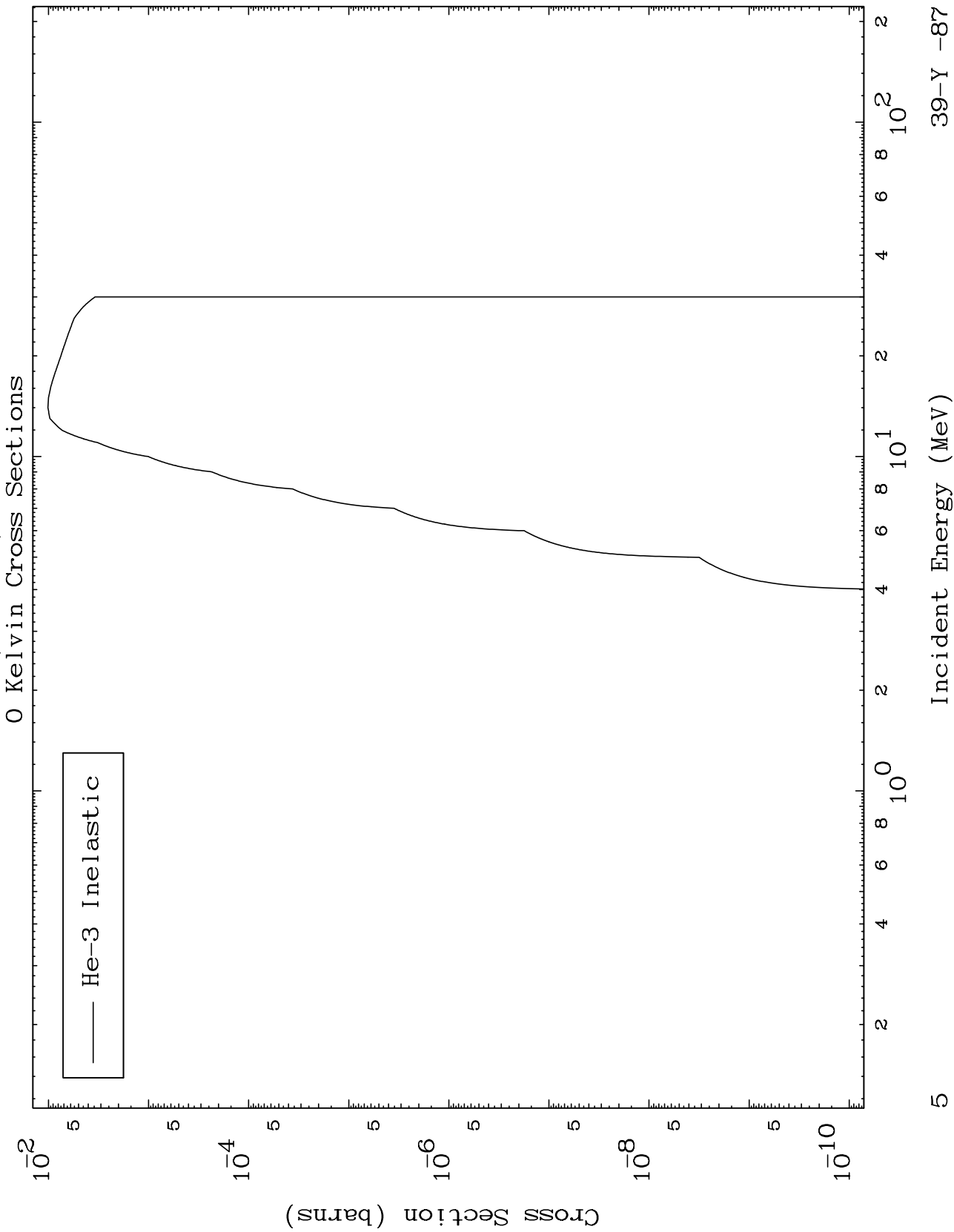


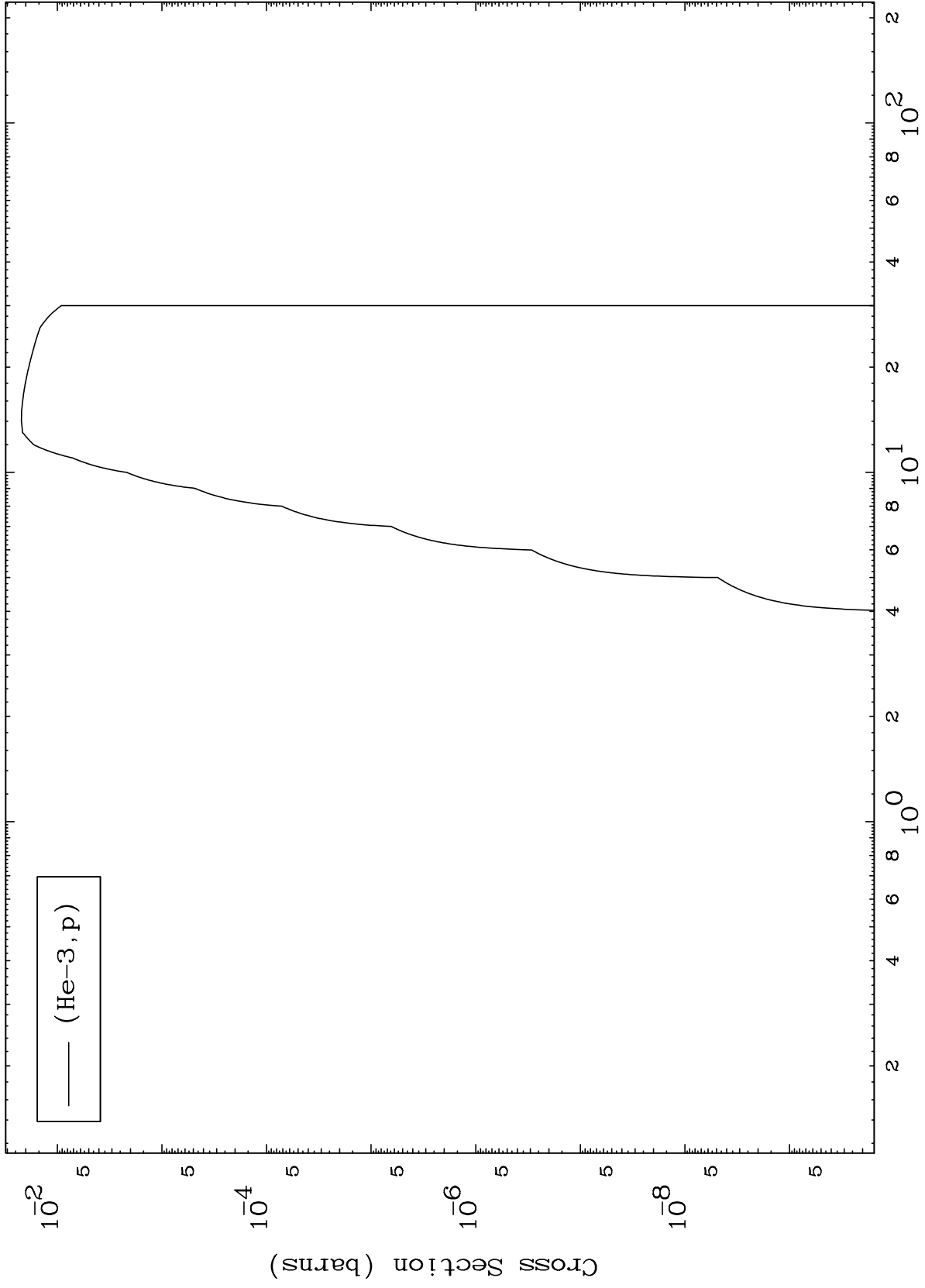


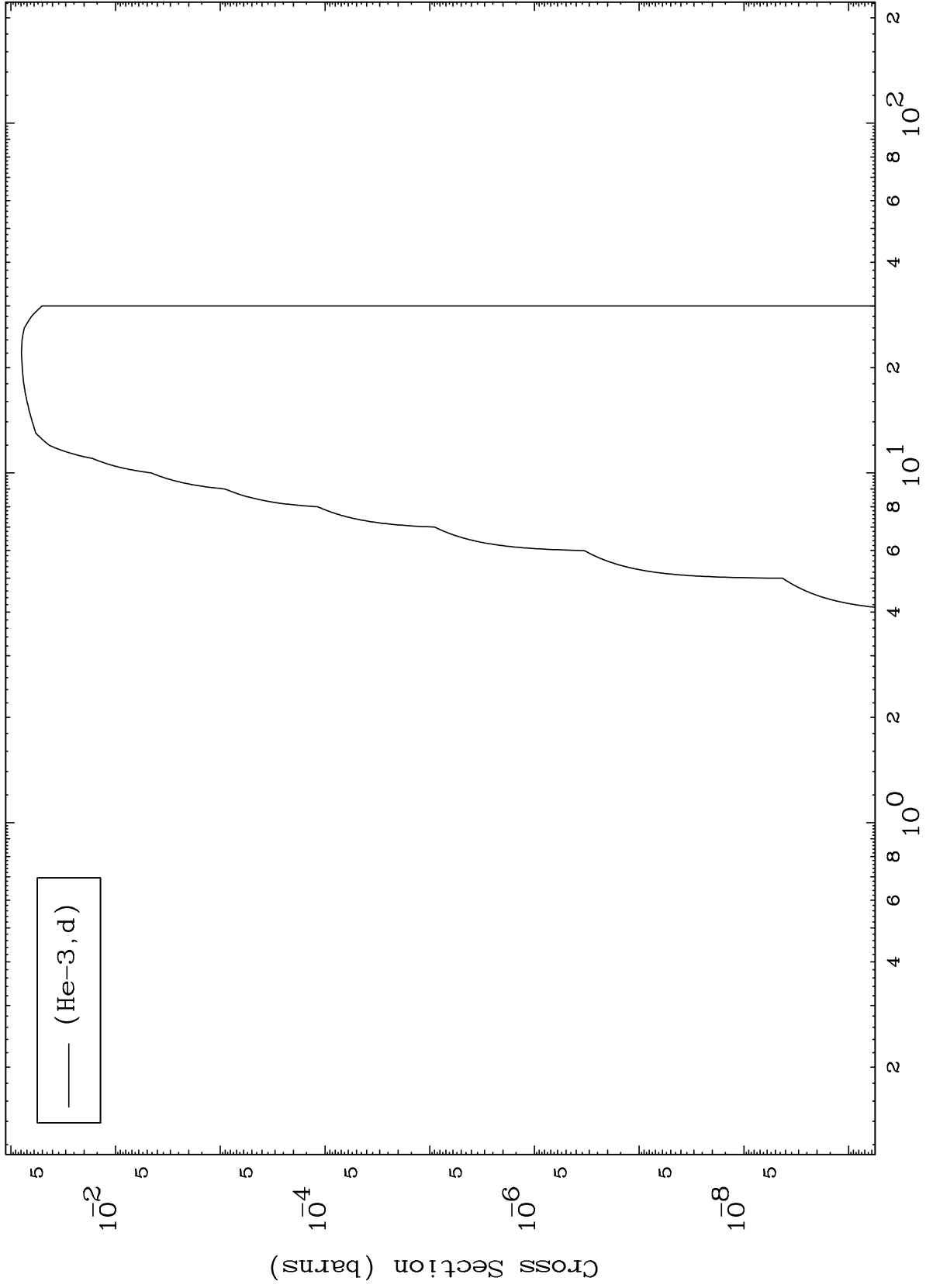
MAT 3920

(He-3, n') Level

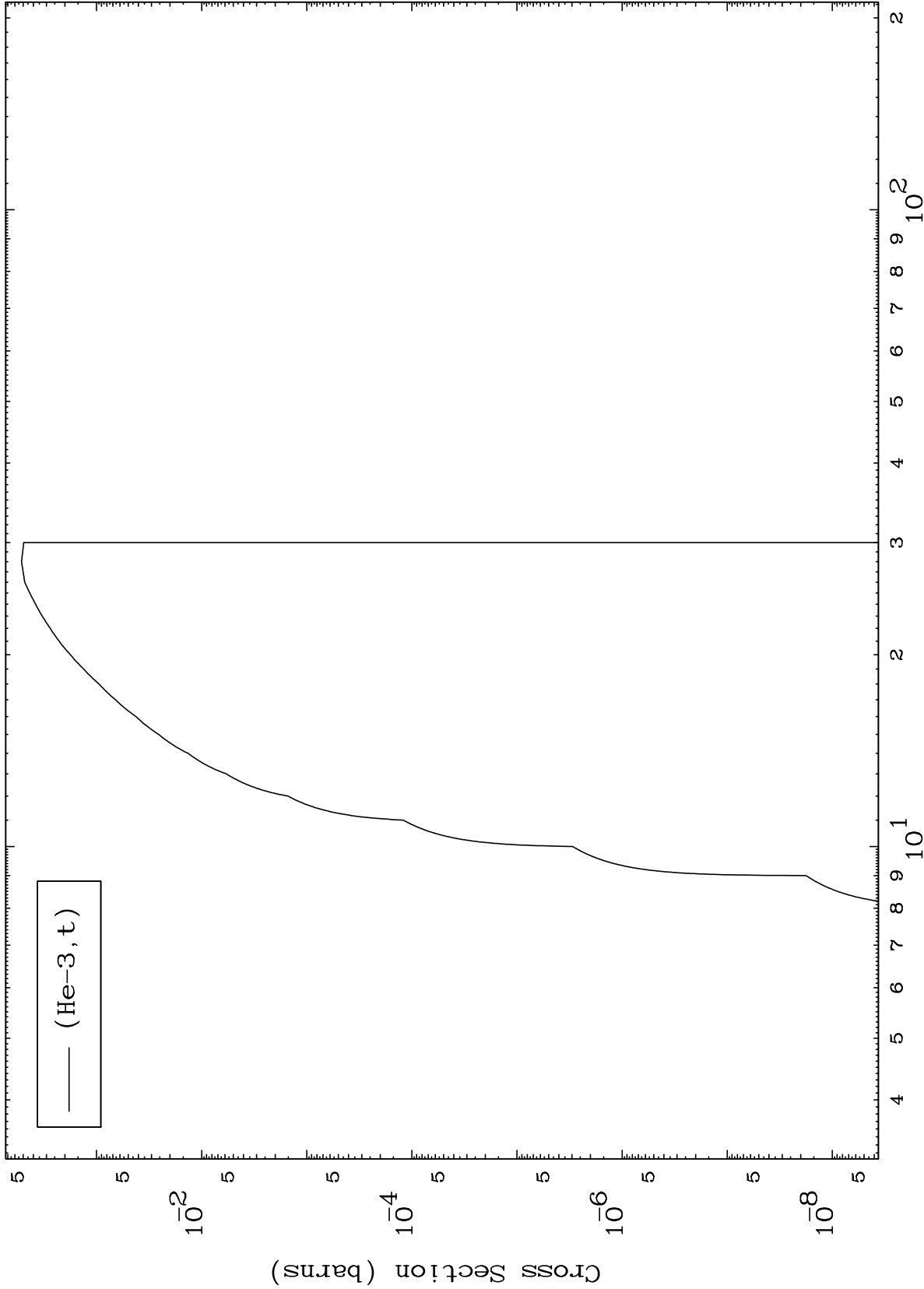
39-Y -87





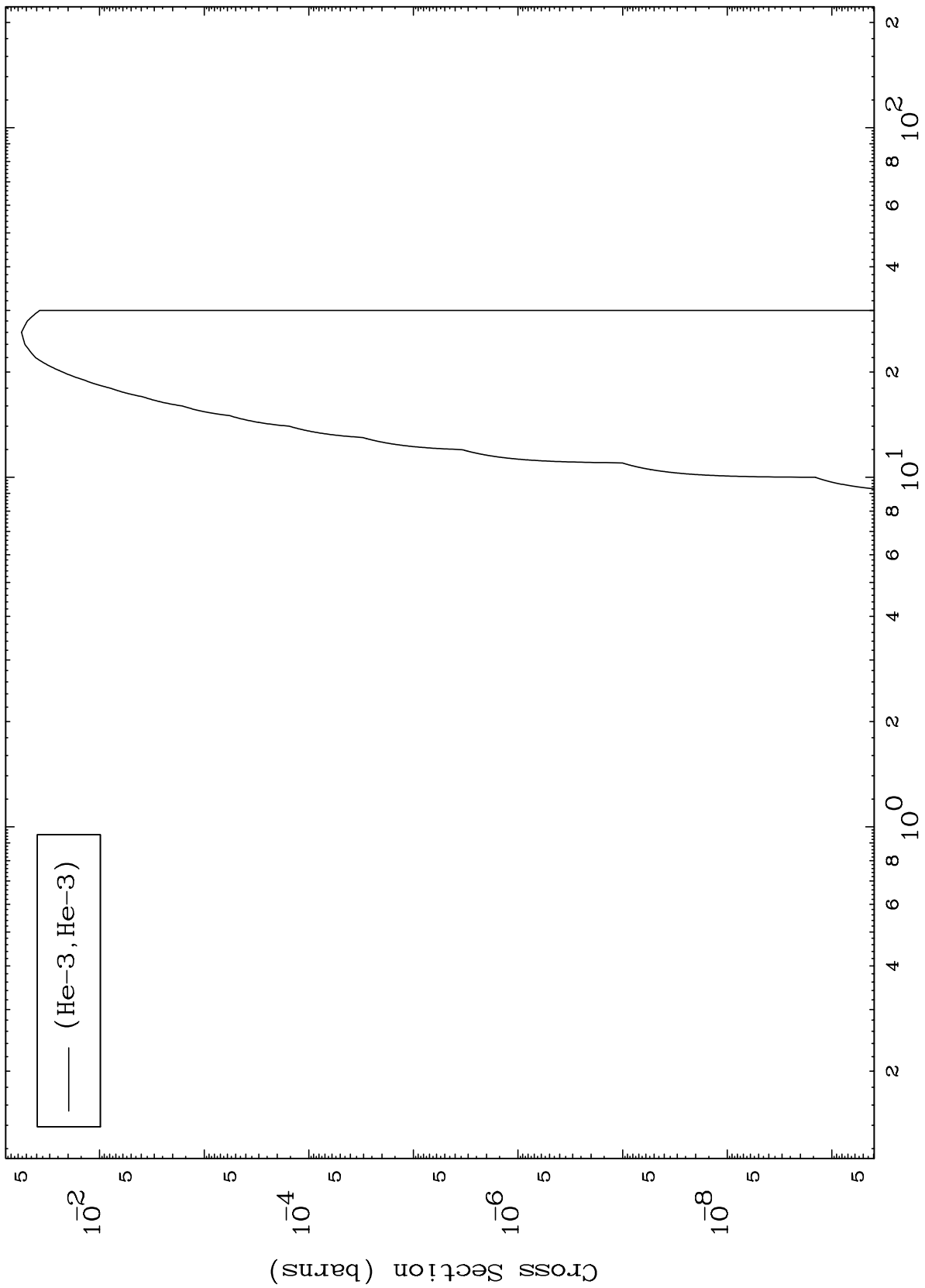


(He-3, d)



(He-3, t)

0 Kelvin Cross Sections

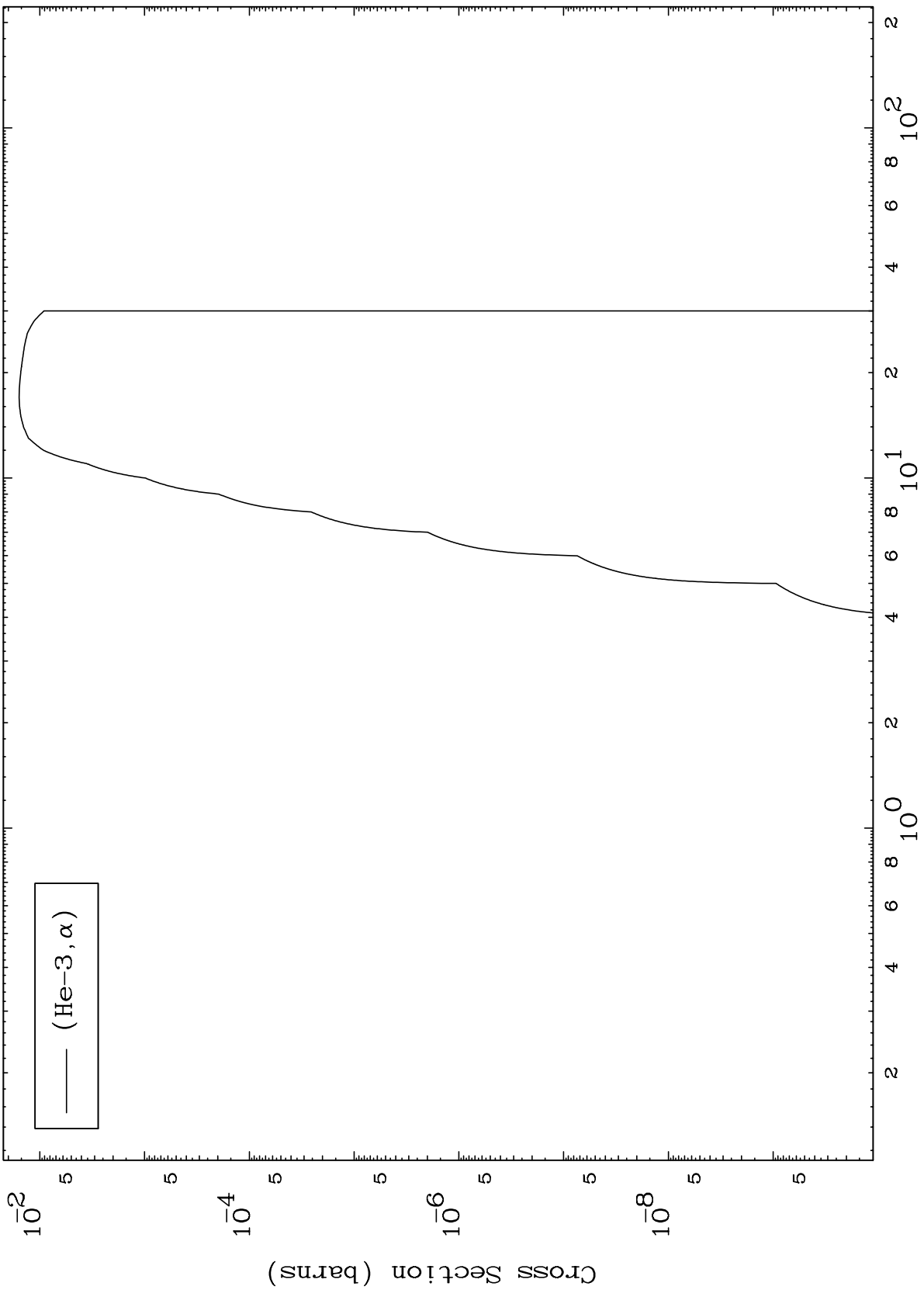


MAT 3920

(He-3, α) Levels

39-Y -87

0 Kelvin Cross Sections



10

Incident Energy (MeV)

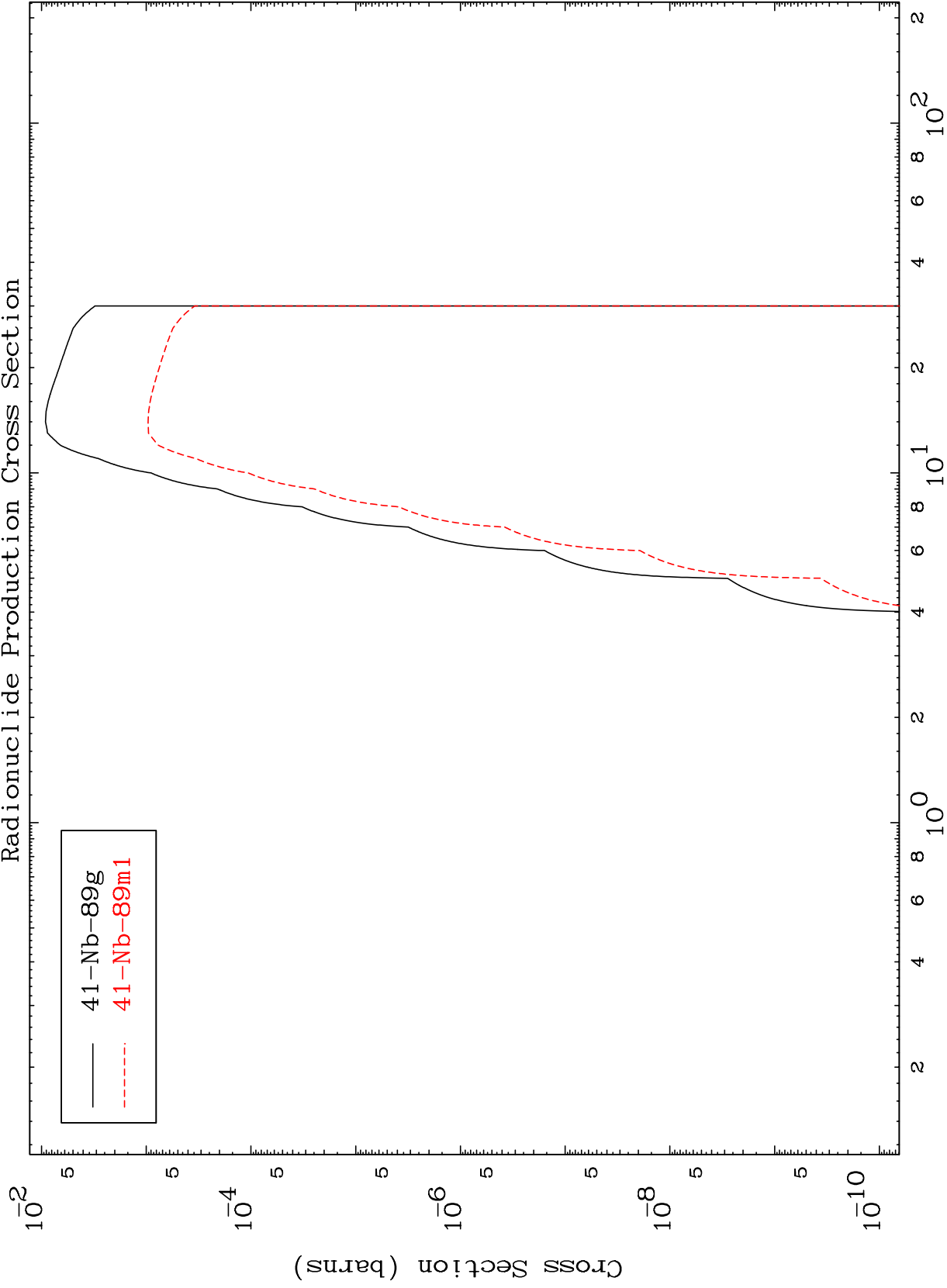
39-Y -87

MAT 3920

He-3 Inelastic

39-Y -87

Radionuclide Production Cross Section



11

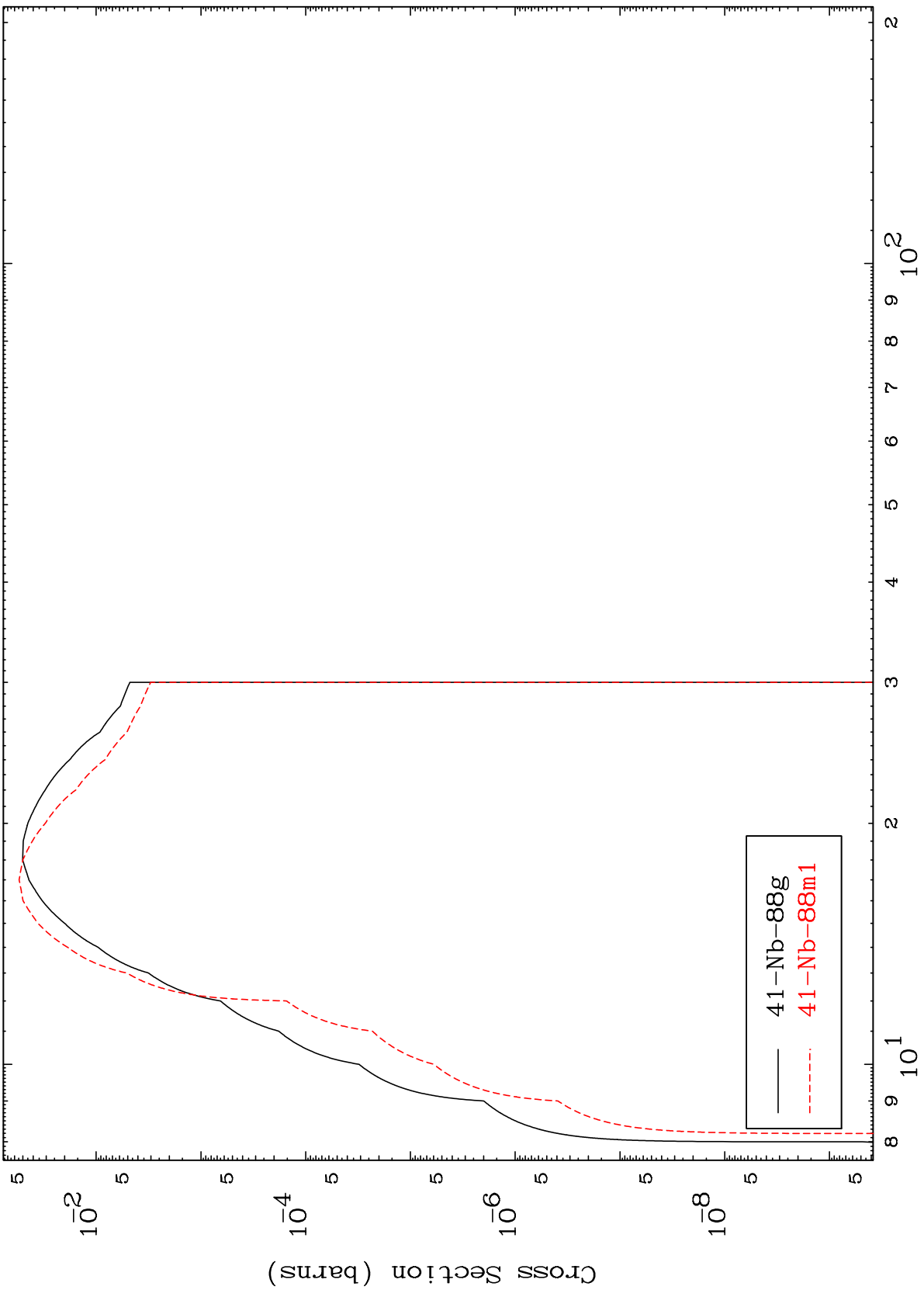
Incident Energy (MeV)

39-Y -87

MAT 3920

39-Y -87

Radionuclide Production Cross Section
(He-3,2n)



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

39-Y -87

Incident Energy (MeV)

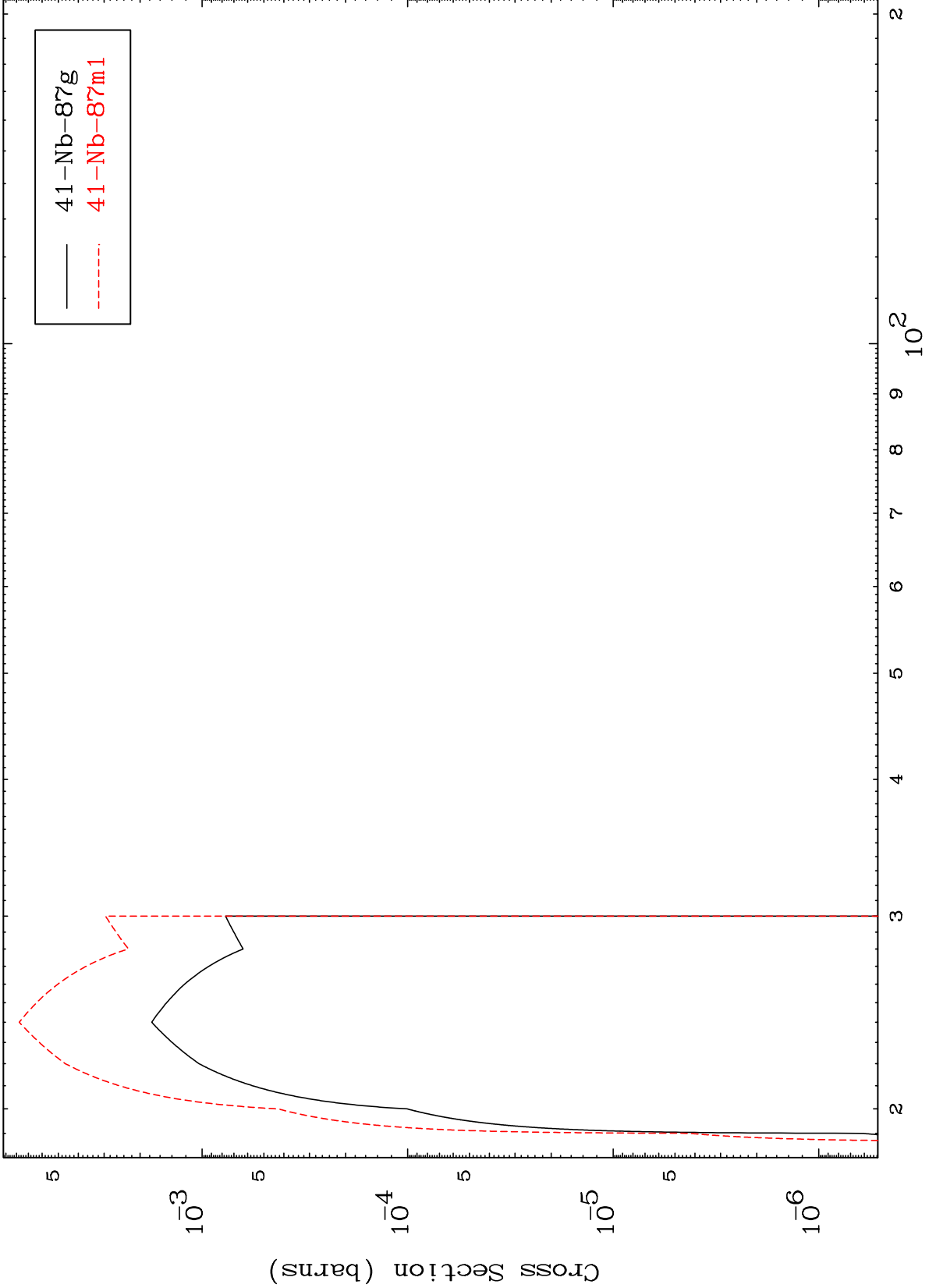
12

MAT 3920

(He-3,3n)

39-Y -87

Radionuclide Production Cross Section



13

Incident Energy (MeV)

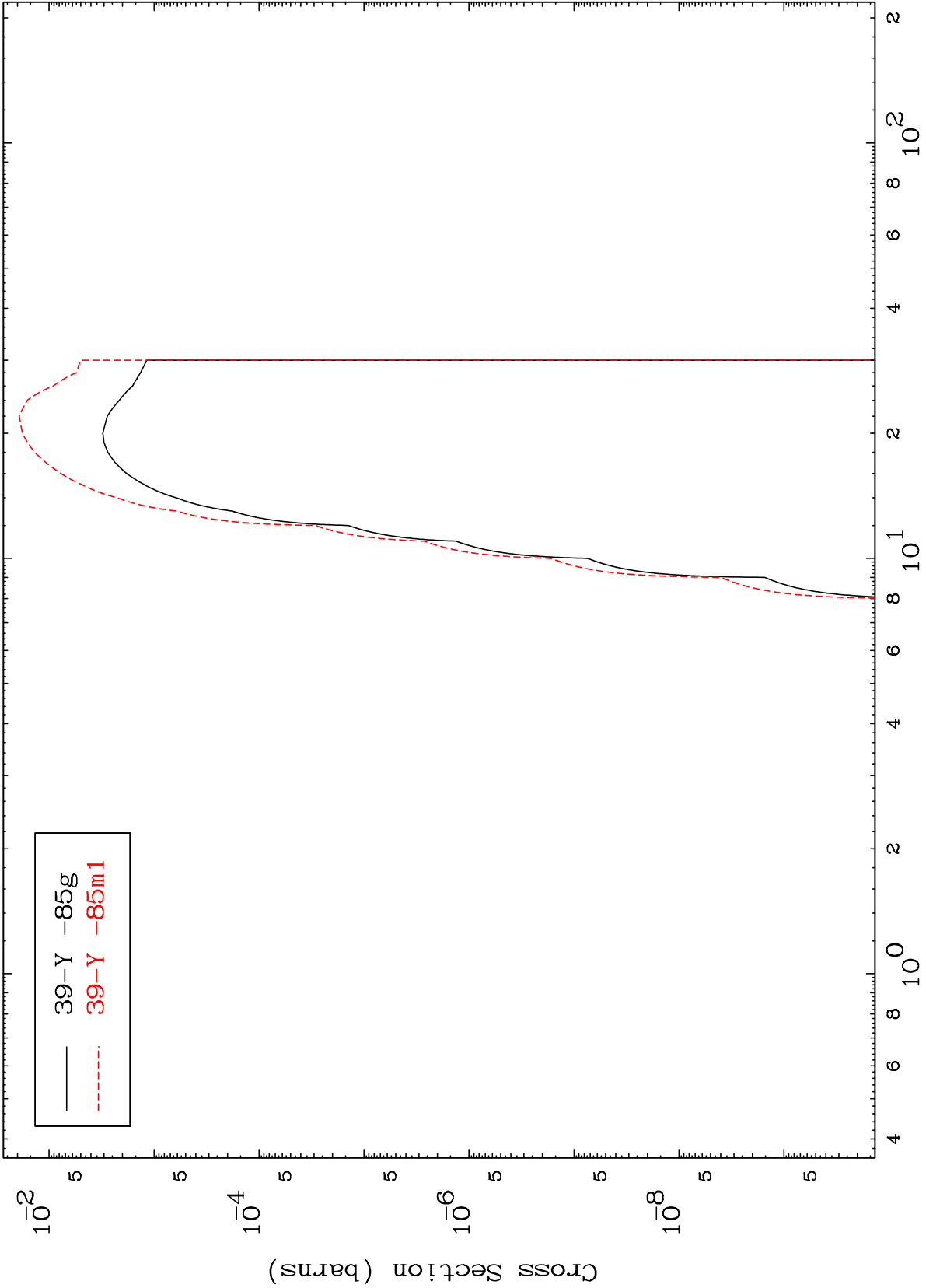
39-Y -87

MAT 3920

(He-3, n') α

39-Y -87

Radionuclide Production Cross Section



— 39-Y -85g
- - - 39-Y -85m1

14

Incident Energy (MeV)

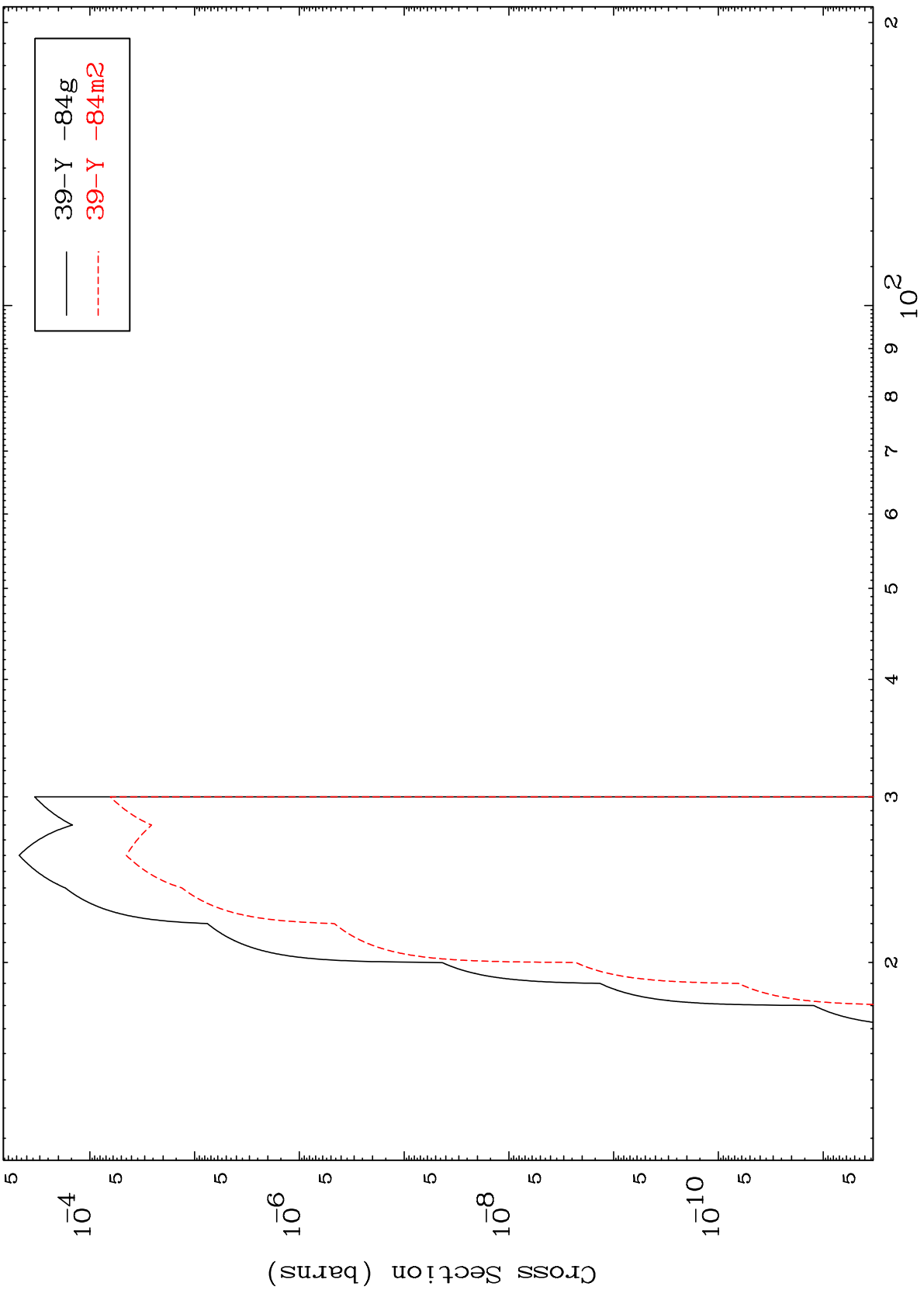
39-Y -87

MAT 3920

(He-3,2n) α

39-Y -87

Radionuclide Production Cross Section



15

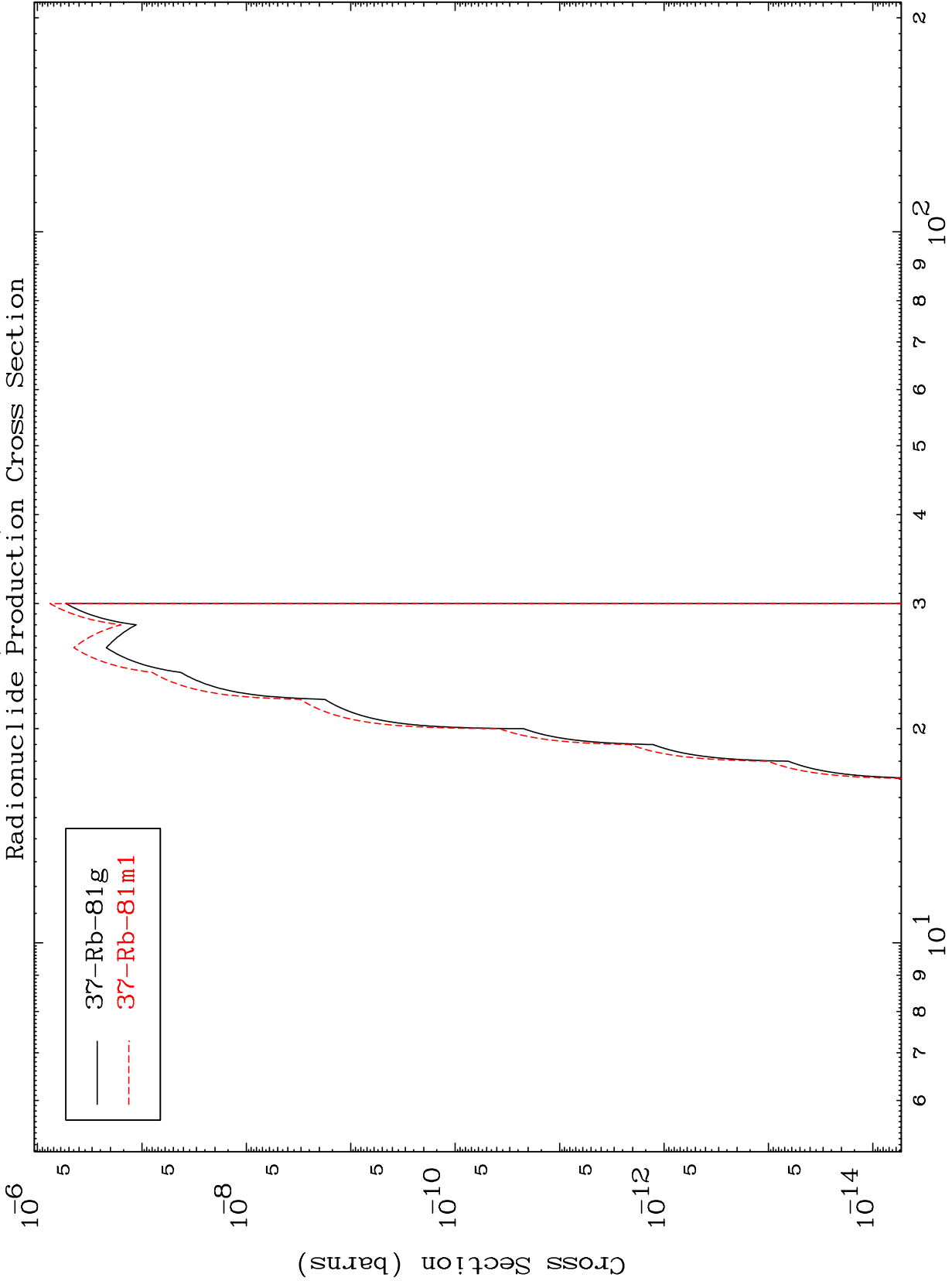
Incident Energy (MeV)

39-Y -87

MAT 3920

(He-3, n') 2 α

39-Y -87



16

Incident Energy (MeV)

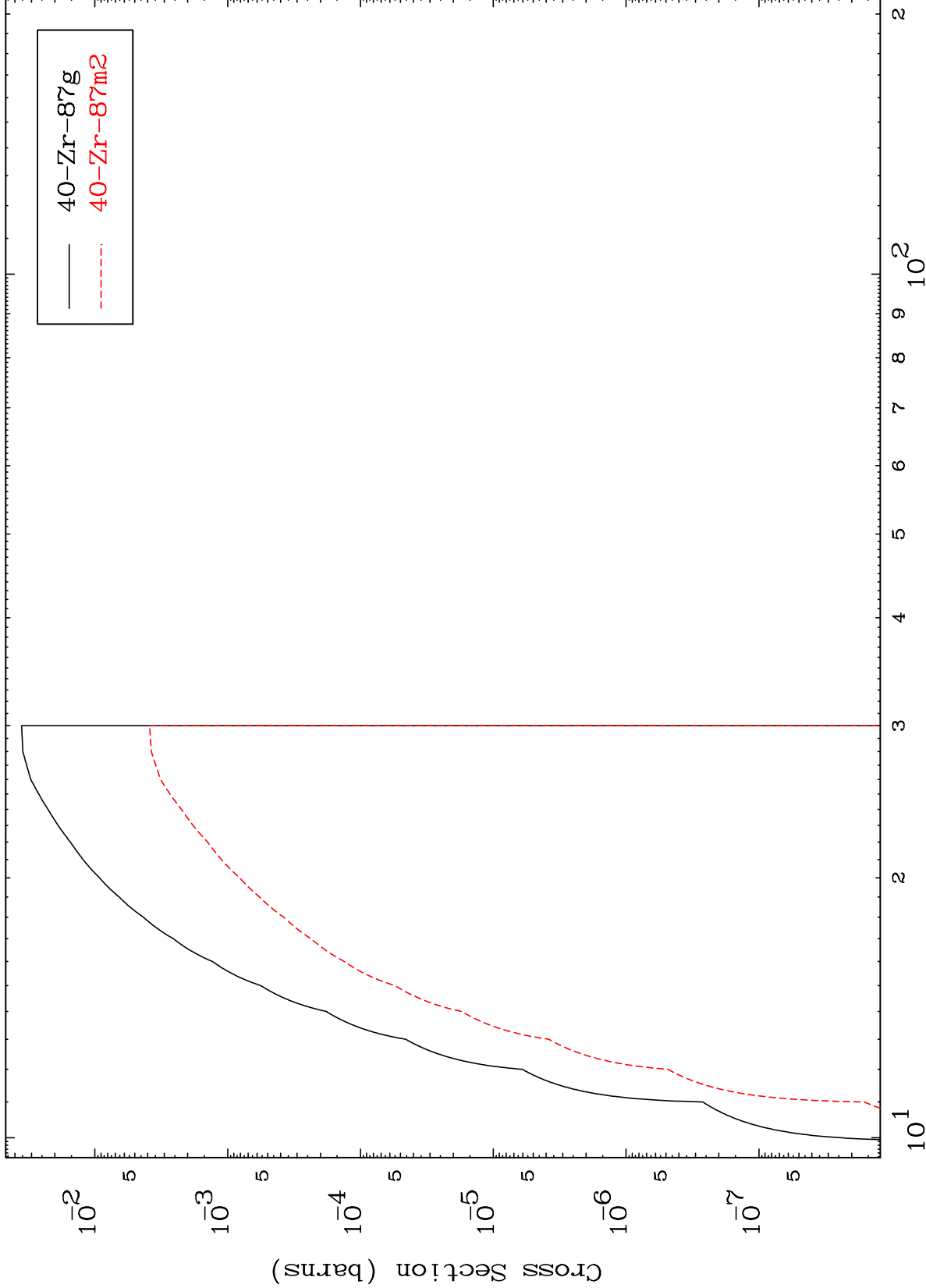
39-Y -87

MAT 3920

(He-3,n') d

39-Y -87

Radionuclide Production Cross Section



— 40-Zr-87g
- - - 40-Zr-87m2

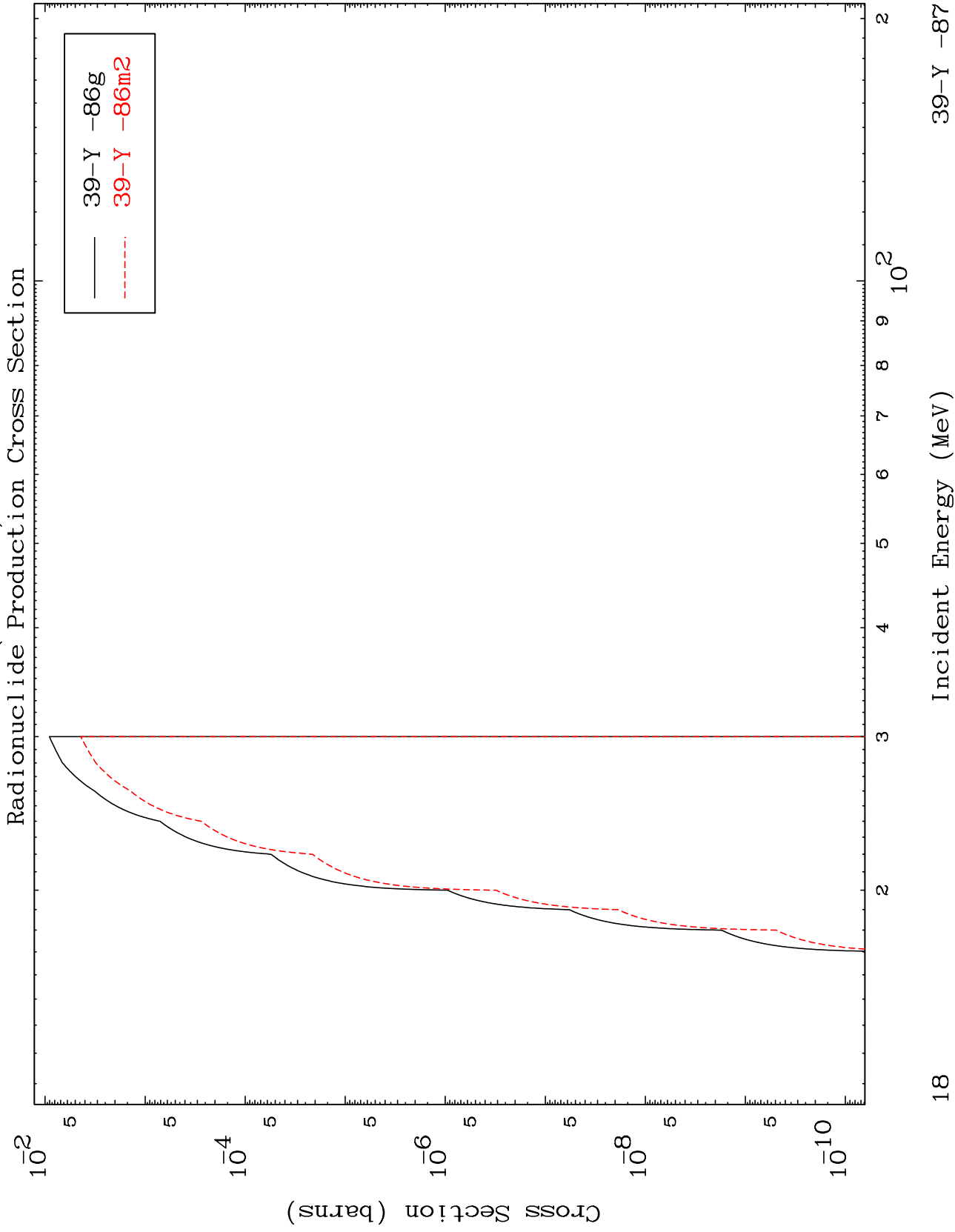
Incident Energy (MeV)

39-Y -87

MAT 3920

(He-3, n') He-3

39-Y -87

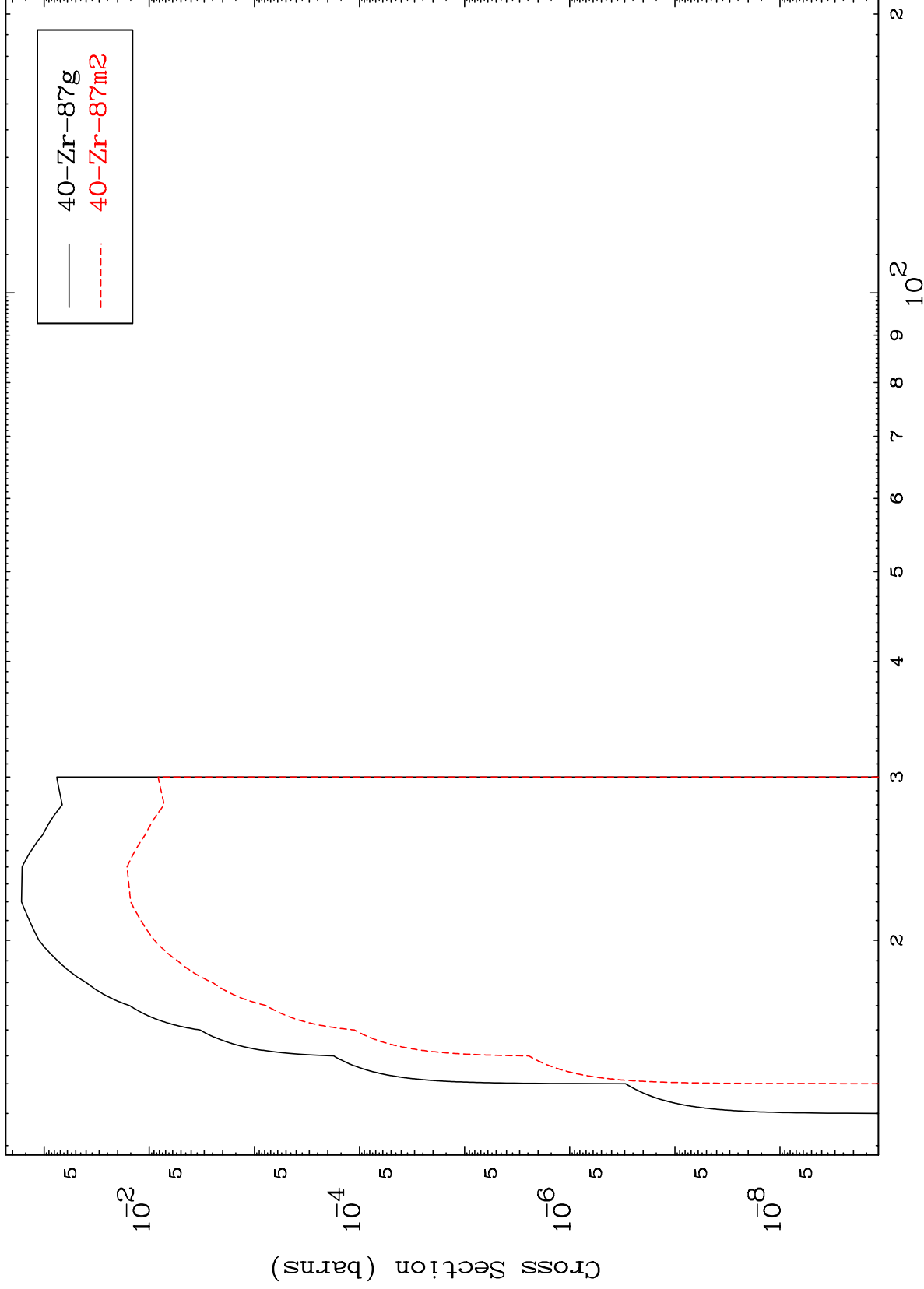


18

Incident Energy (MeV)

39-Y -87

Radionuclide Production Cross Section

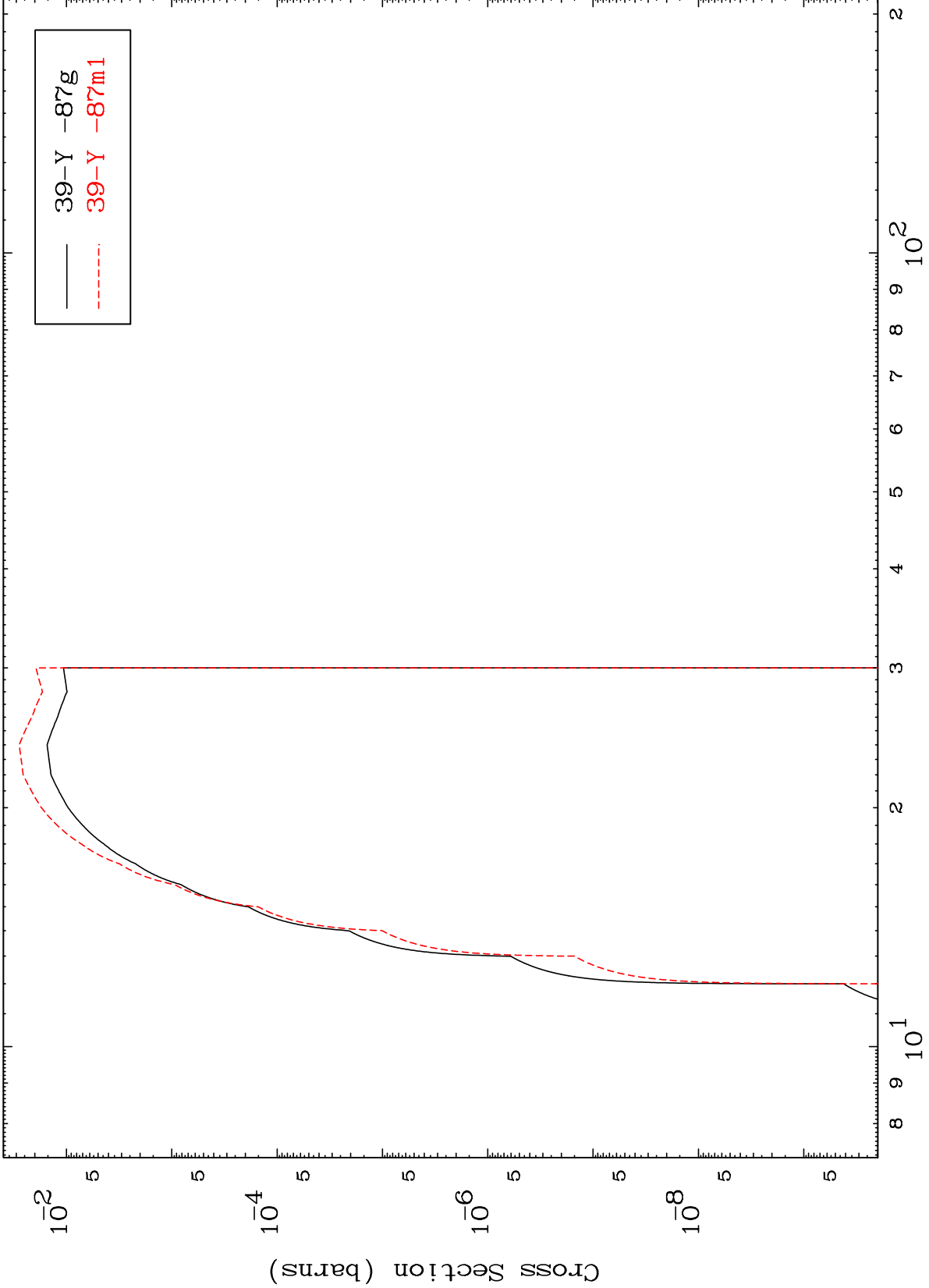


MAT 3920

(He-3,2n) p

39-Y -87

Radionuclide Production Cross Section

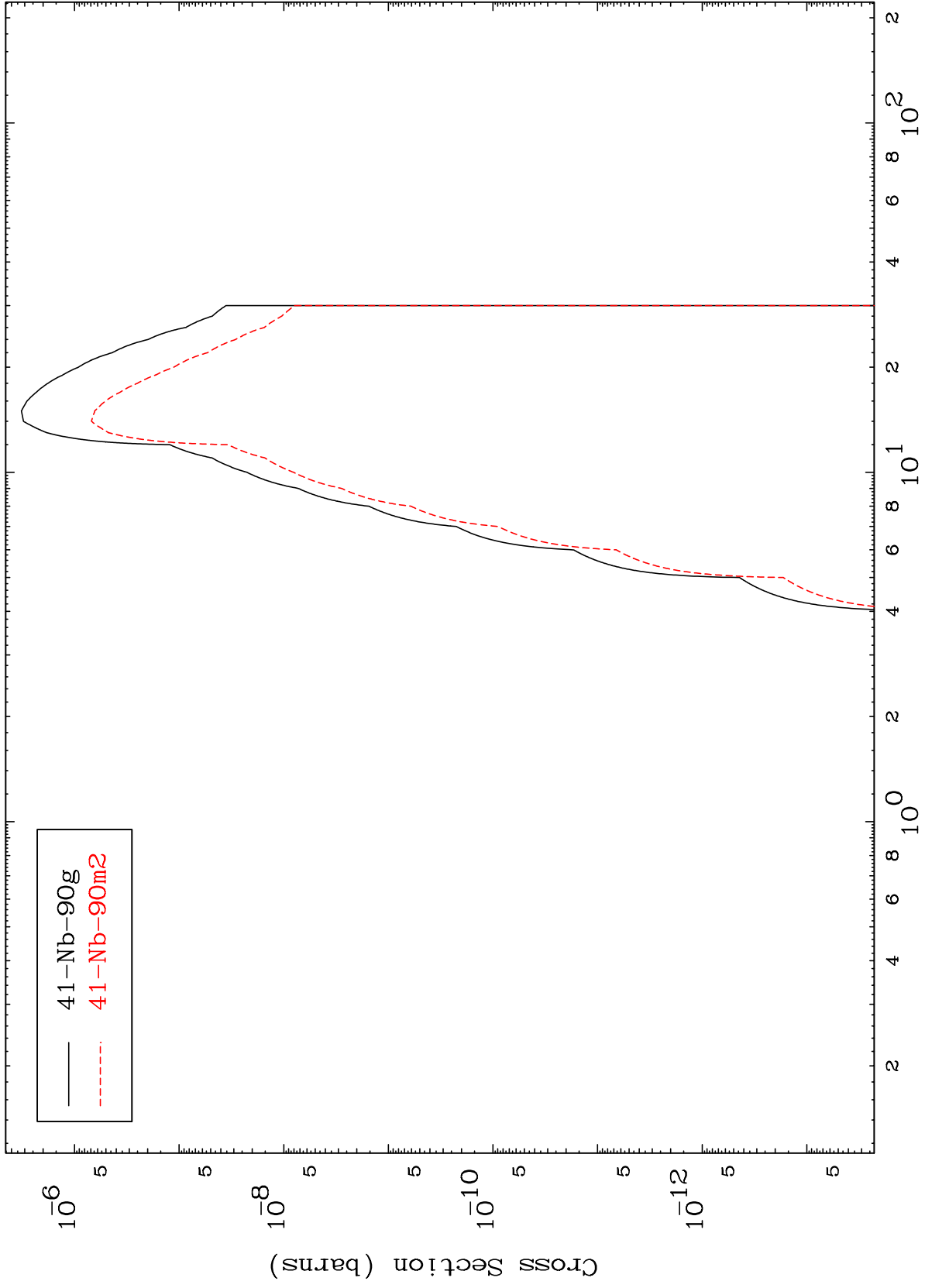


20

Incident Energy (MeV)

39-Y -87

Radionuclide Production Cross Section

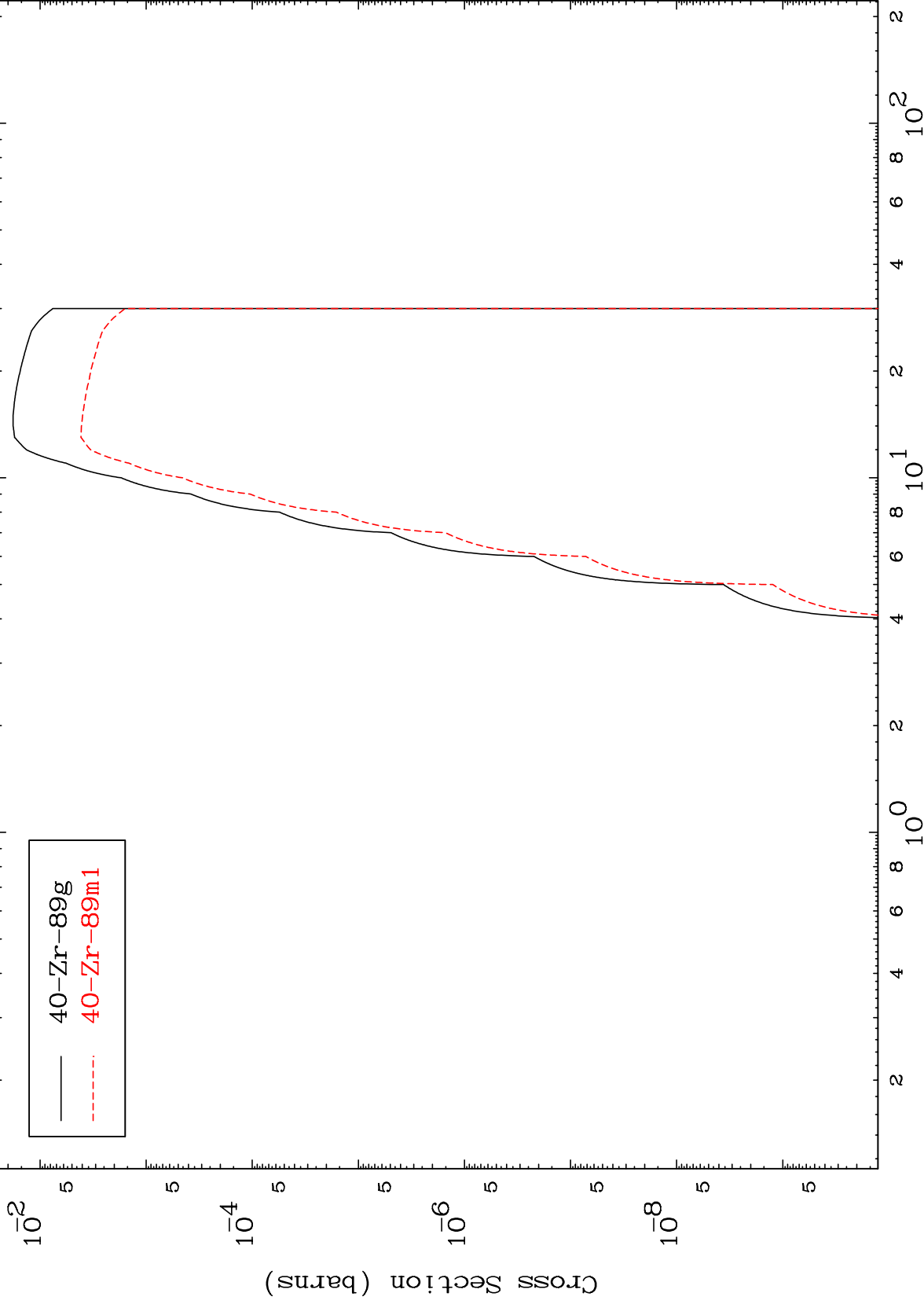


MAT 3920

(He-3,p)

39-Y -87

Radionuclide Production Cross Section



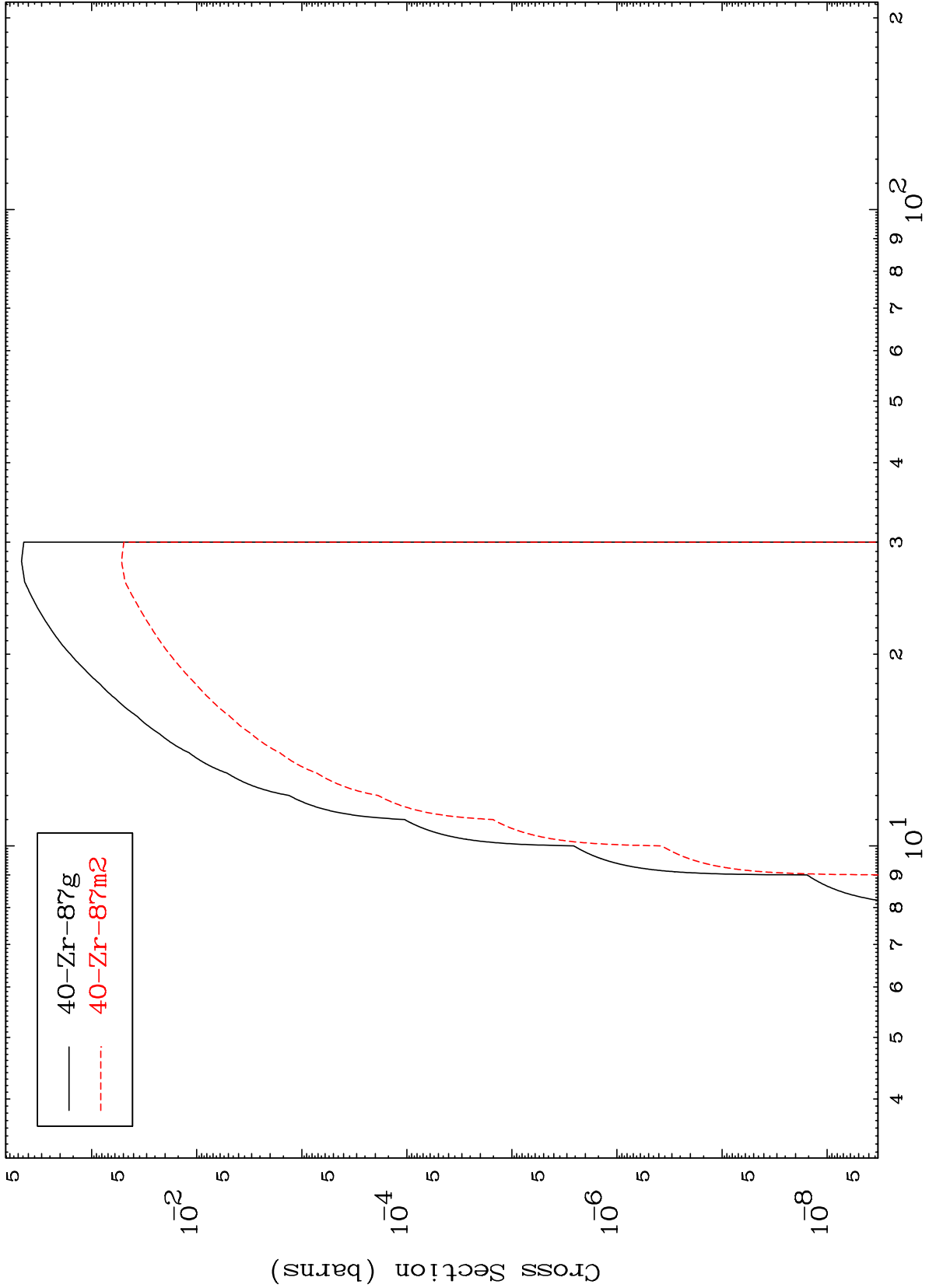
— 40-Zr-89g
- - - 40-Zr-89m1

MAT 3920

(He-3, t)

39-Y -87

Radionuclide Production Cross Section



23

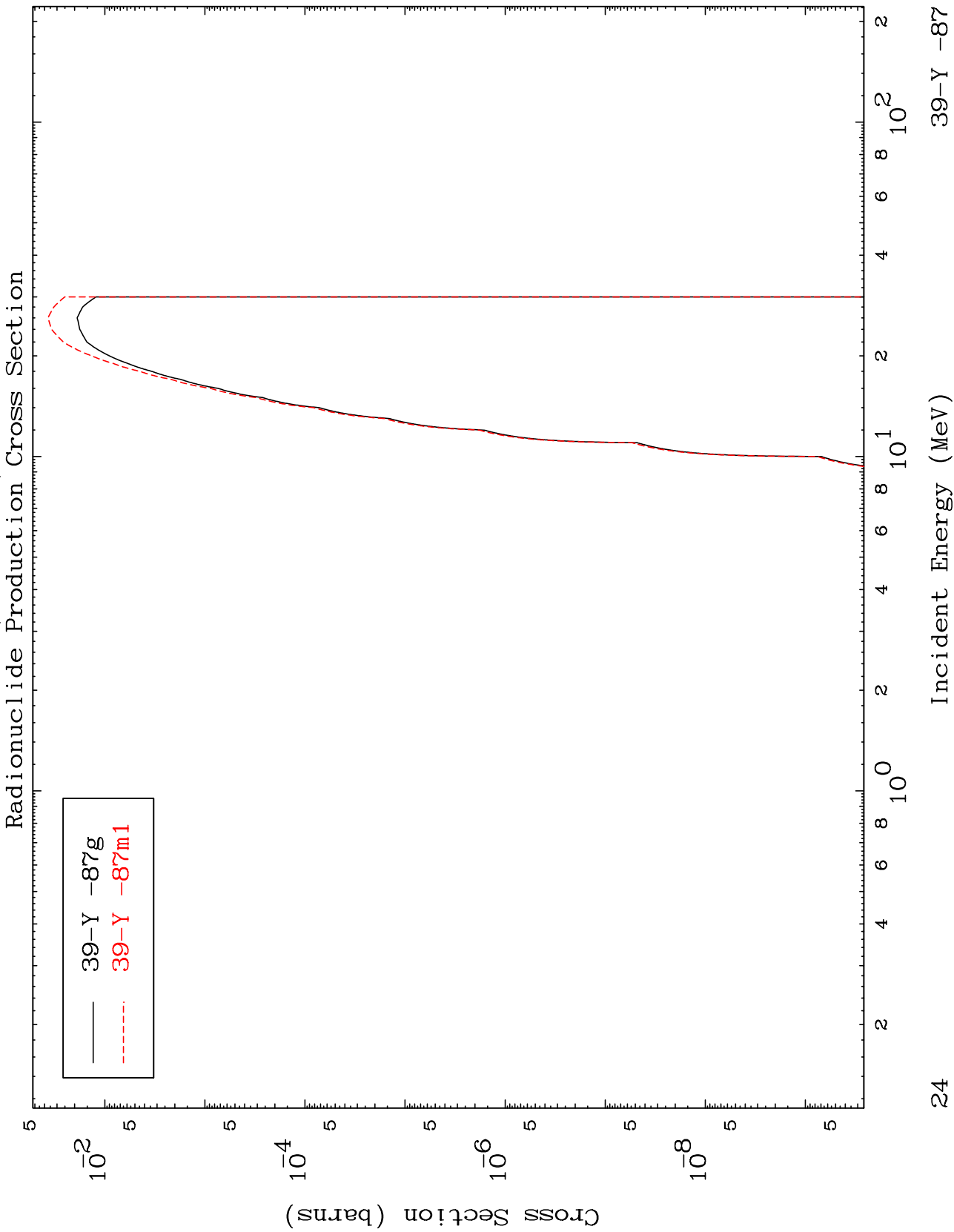
Incident Energy (MeV)

39-Y -87

MAT 3920

(He-3, He-3)

39-Y -87

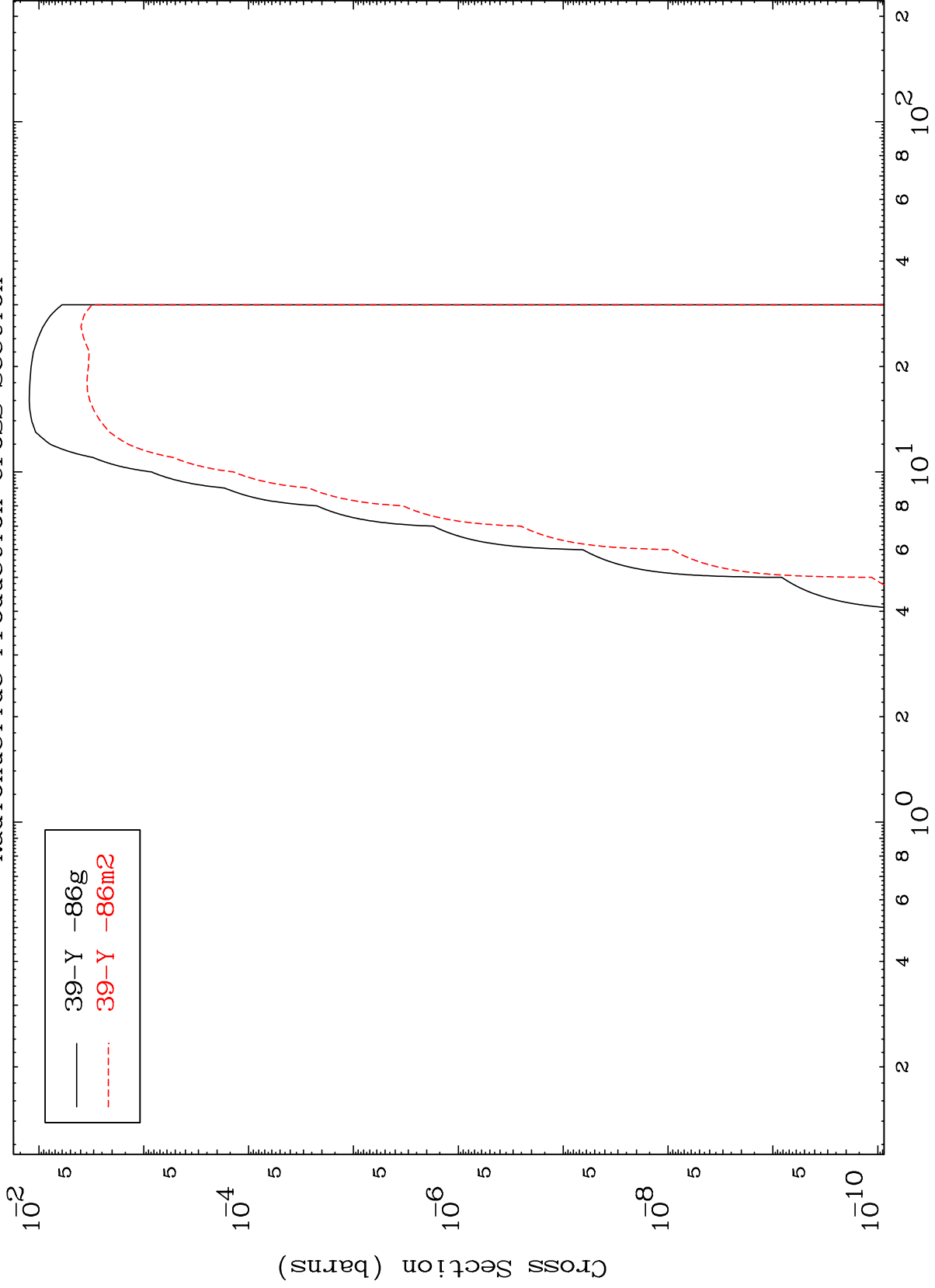


MAT 3920

(He-3, α)

39-Y -87

Radionuclide Production Cross Section



25

Incident Energy (MeV)

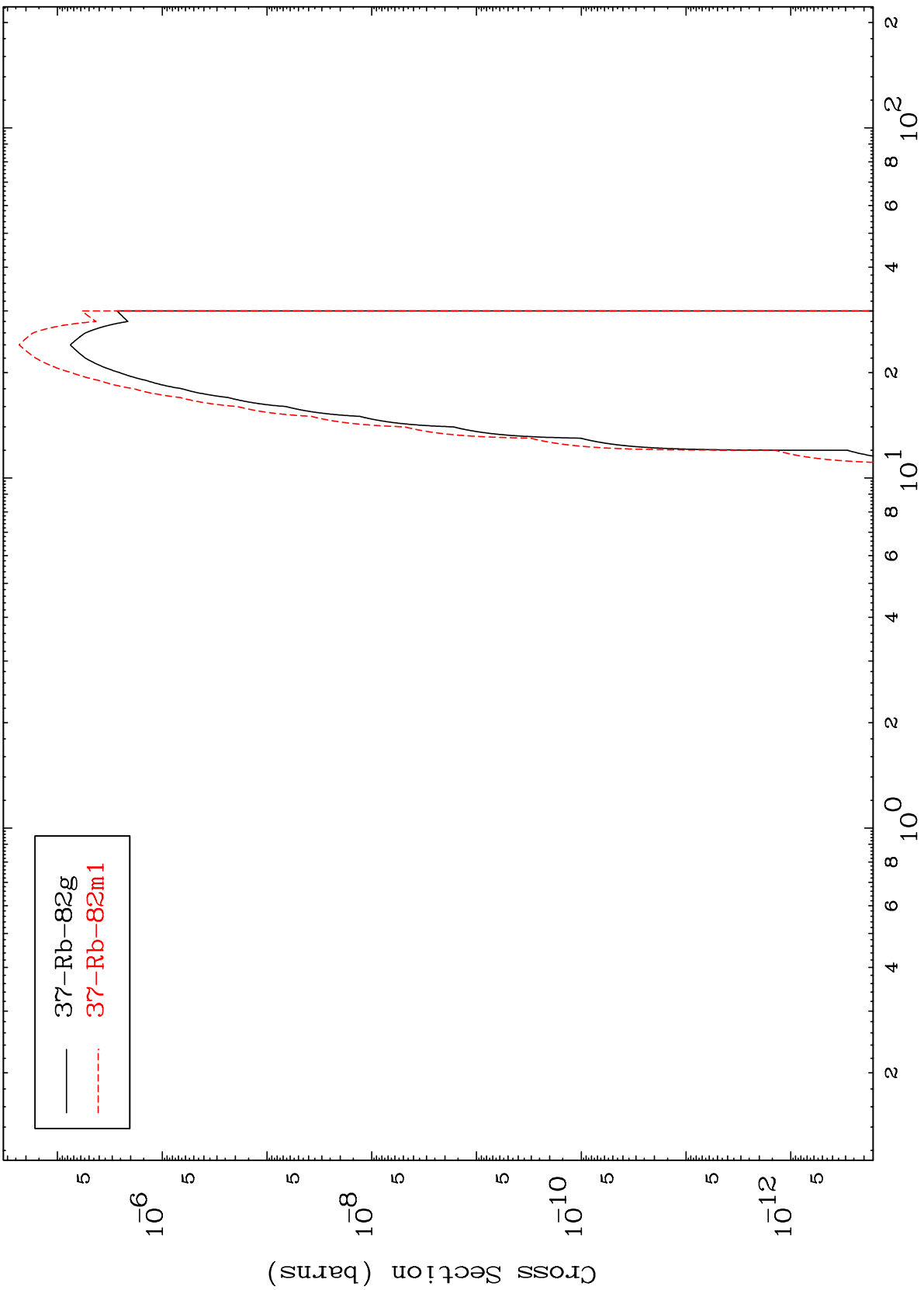
39-Y -87

MAT 3920

(He-3,2α)

39-Y -87

Radionuclide Production Cross Section

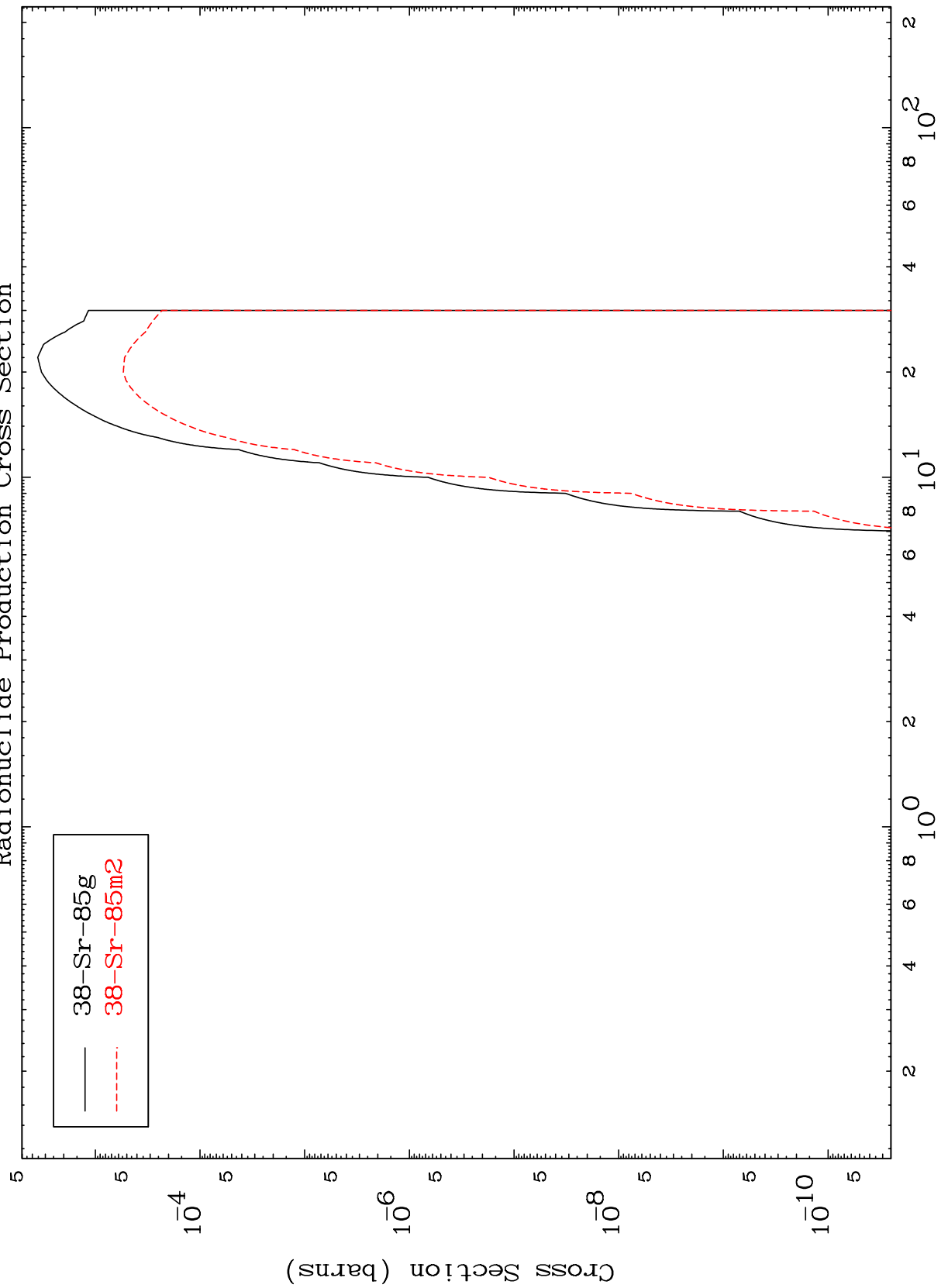


MAT 3920

(He-3, p) α

39-Y -87

Radionuclide Production Cross Section



27

Incident Energy (MeV)

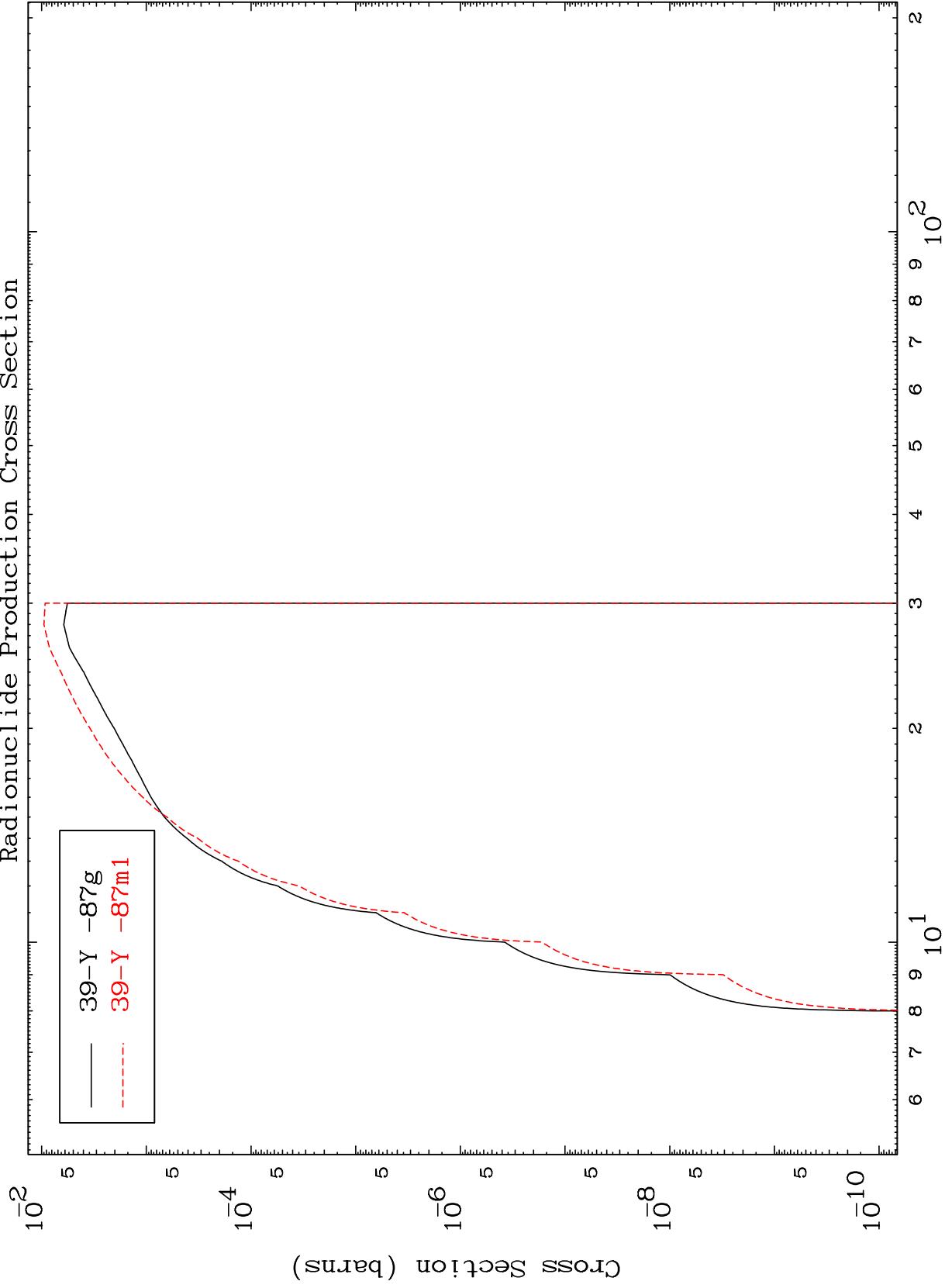
39-Y -87

MAT 3920

(He-3,p) d

39-Y -87

Radionuclide Production Cross Section



28

Incident Energy (MeV)

39-Y -87

Radionuclide Production Cross Section

