

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

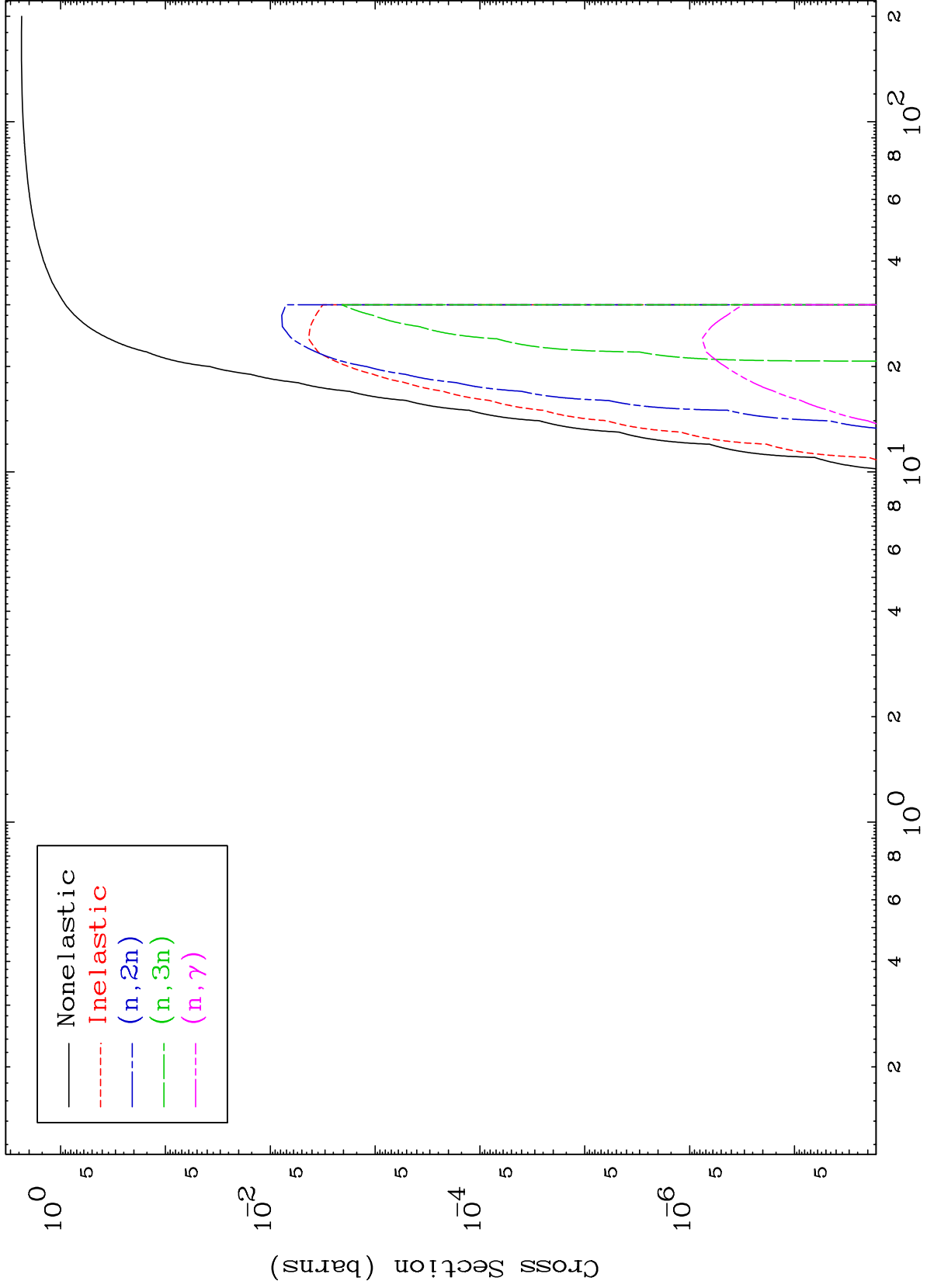
Press Mouse Button to Start

MAT 8096

He-3 Major

81-TI-193m

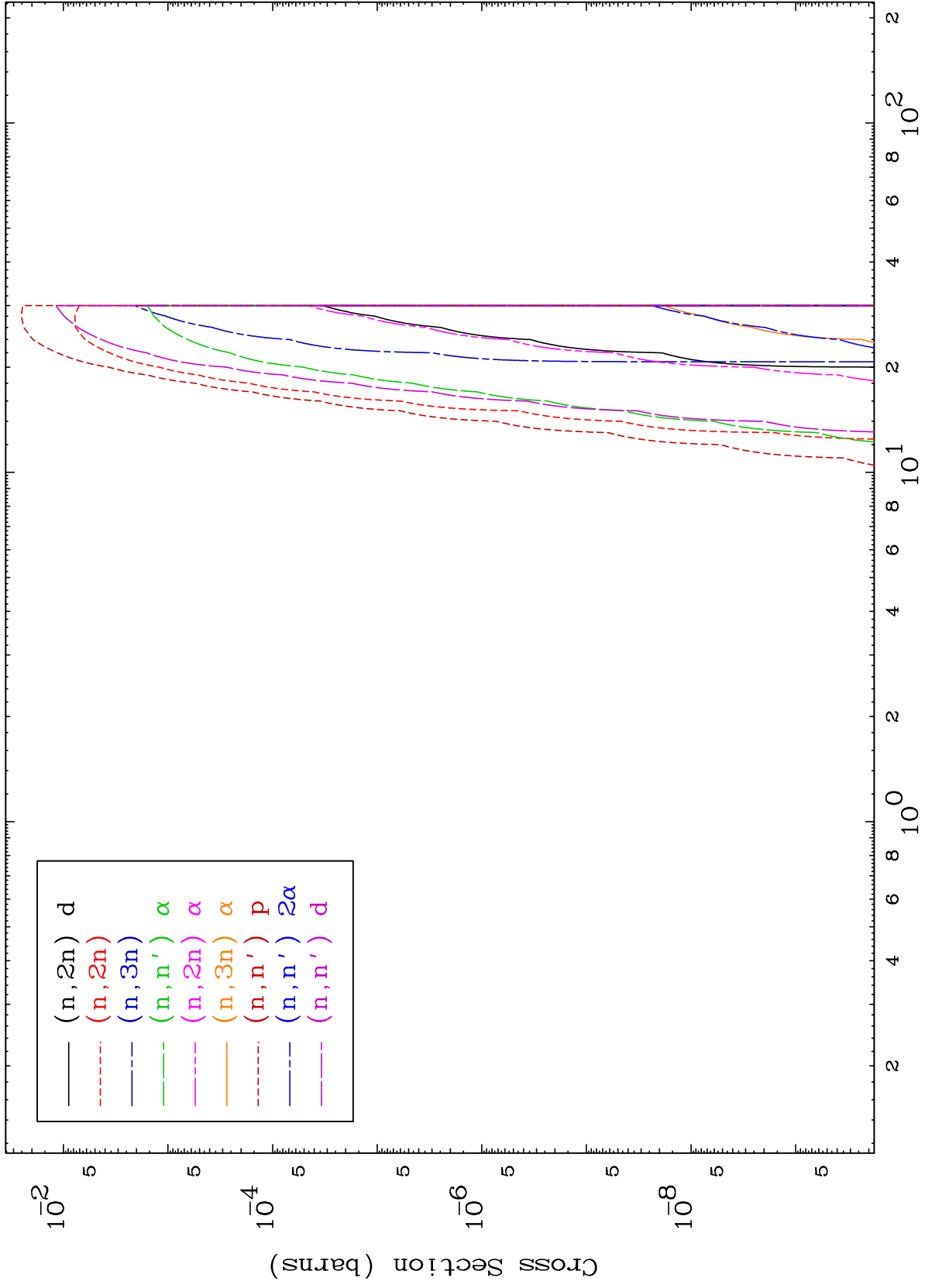
0 Kelvin Cross Sections

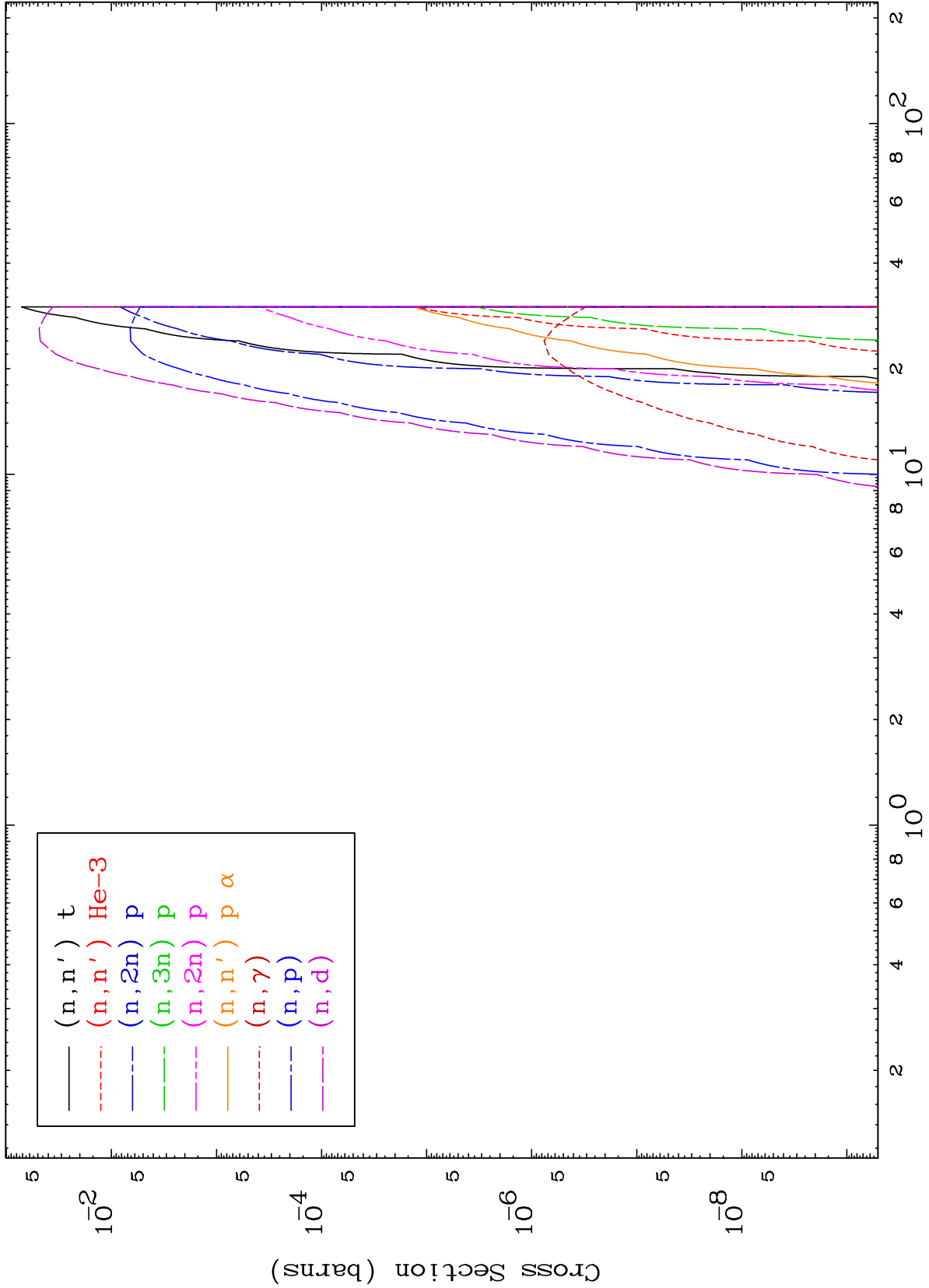


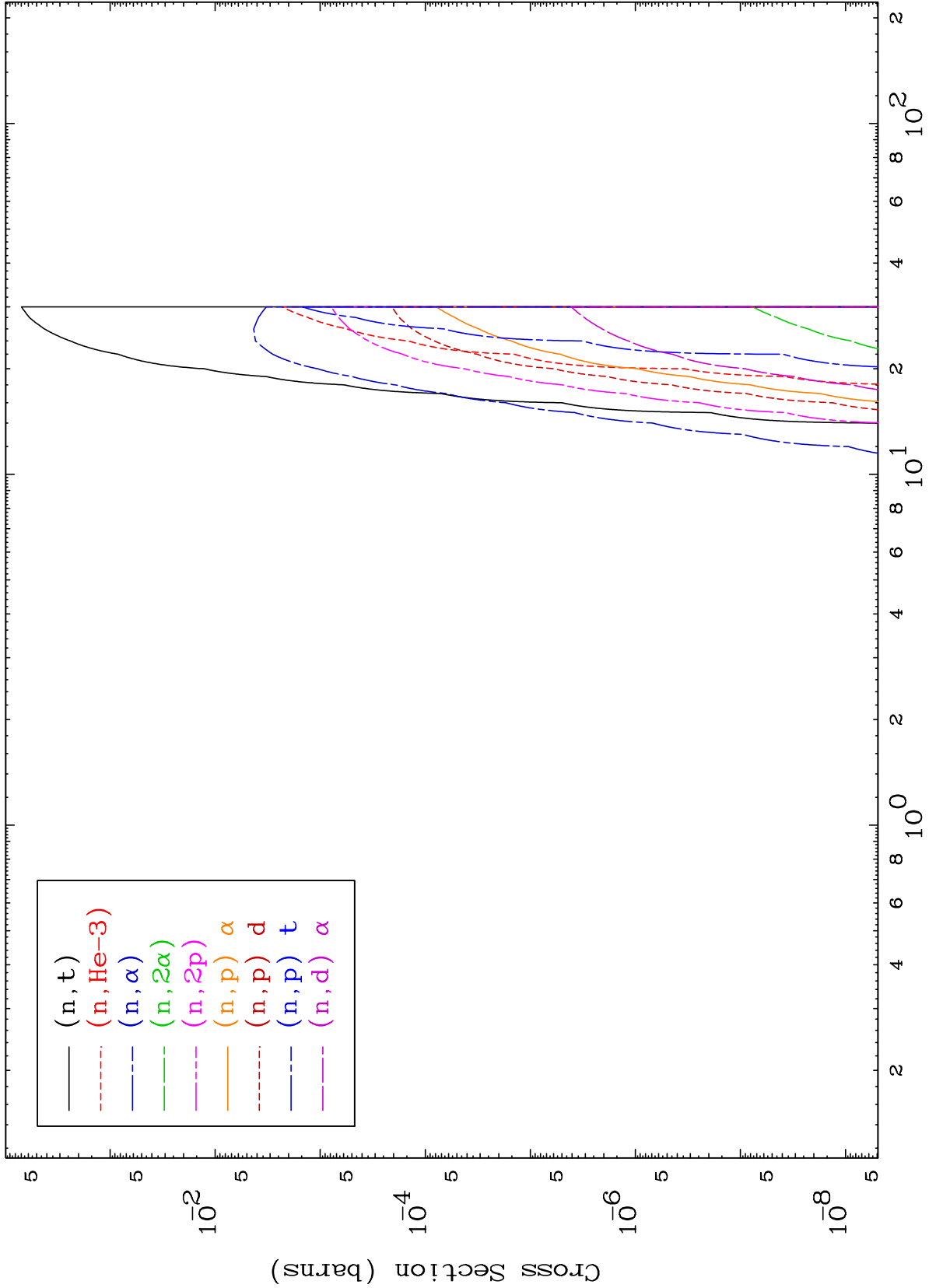
MAT 8096

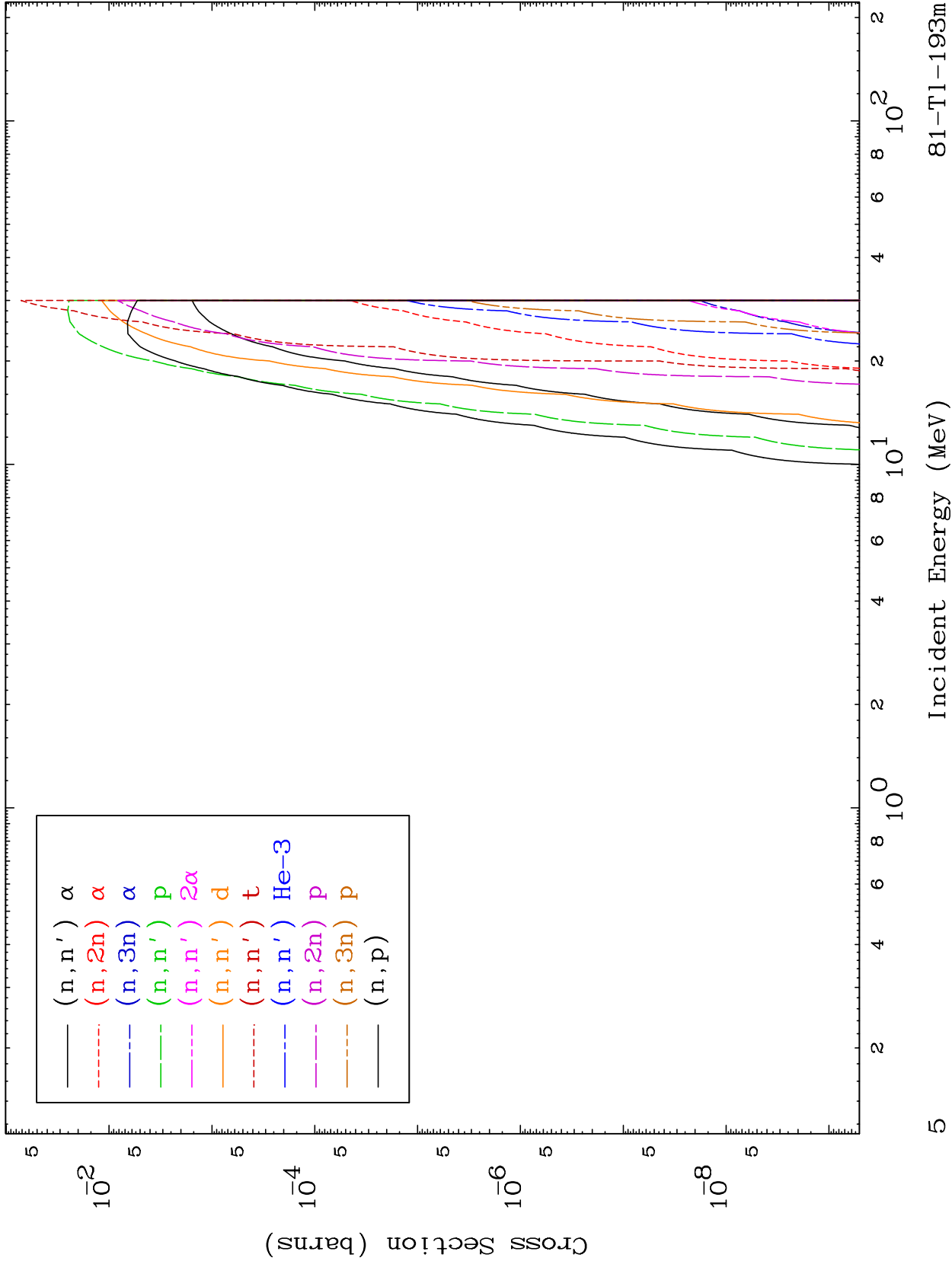
He-3 Neutron Absorption
0 Kelvin Cross Sections

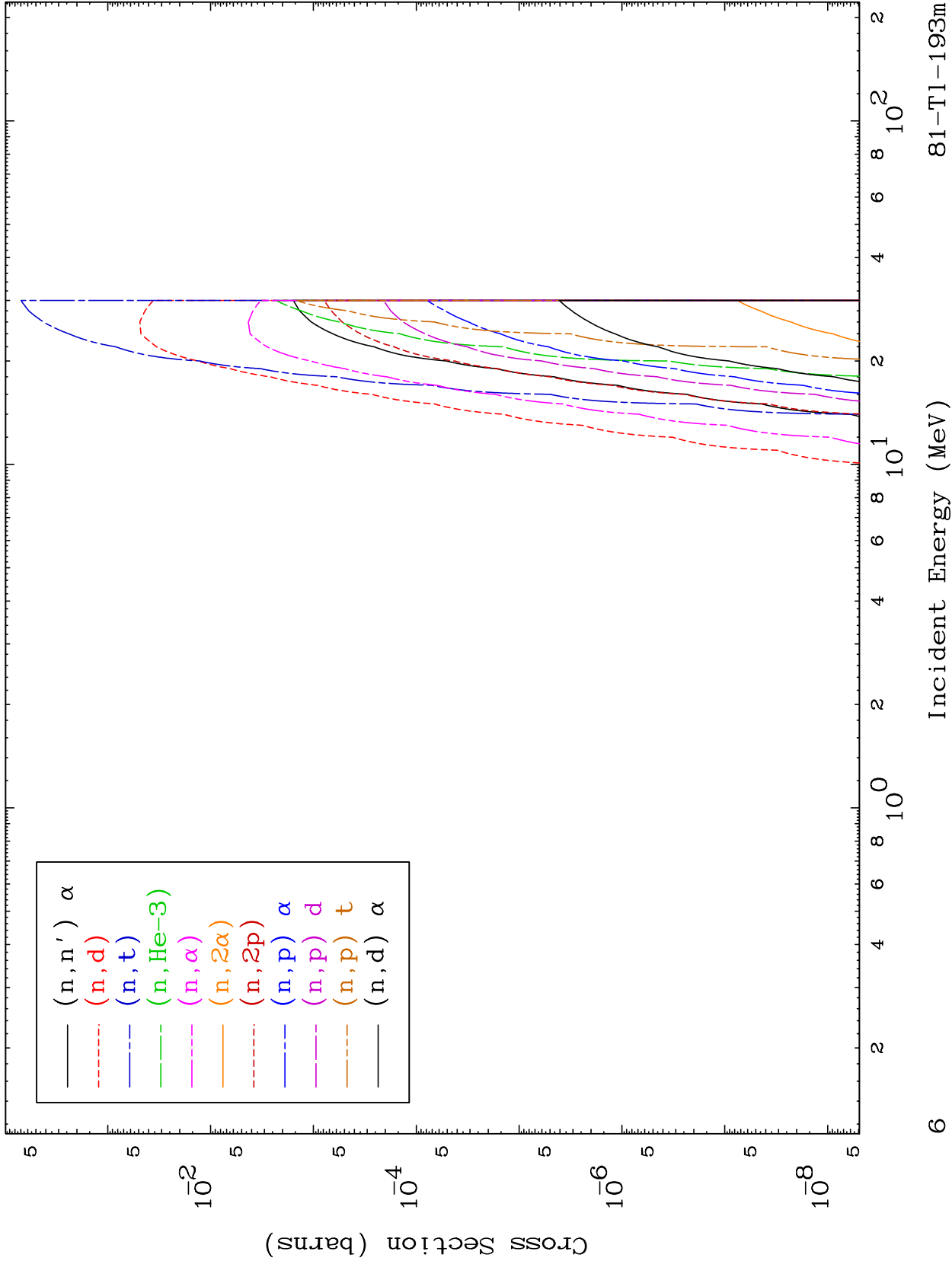
81-TI-193m







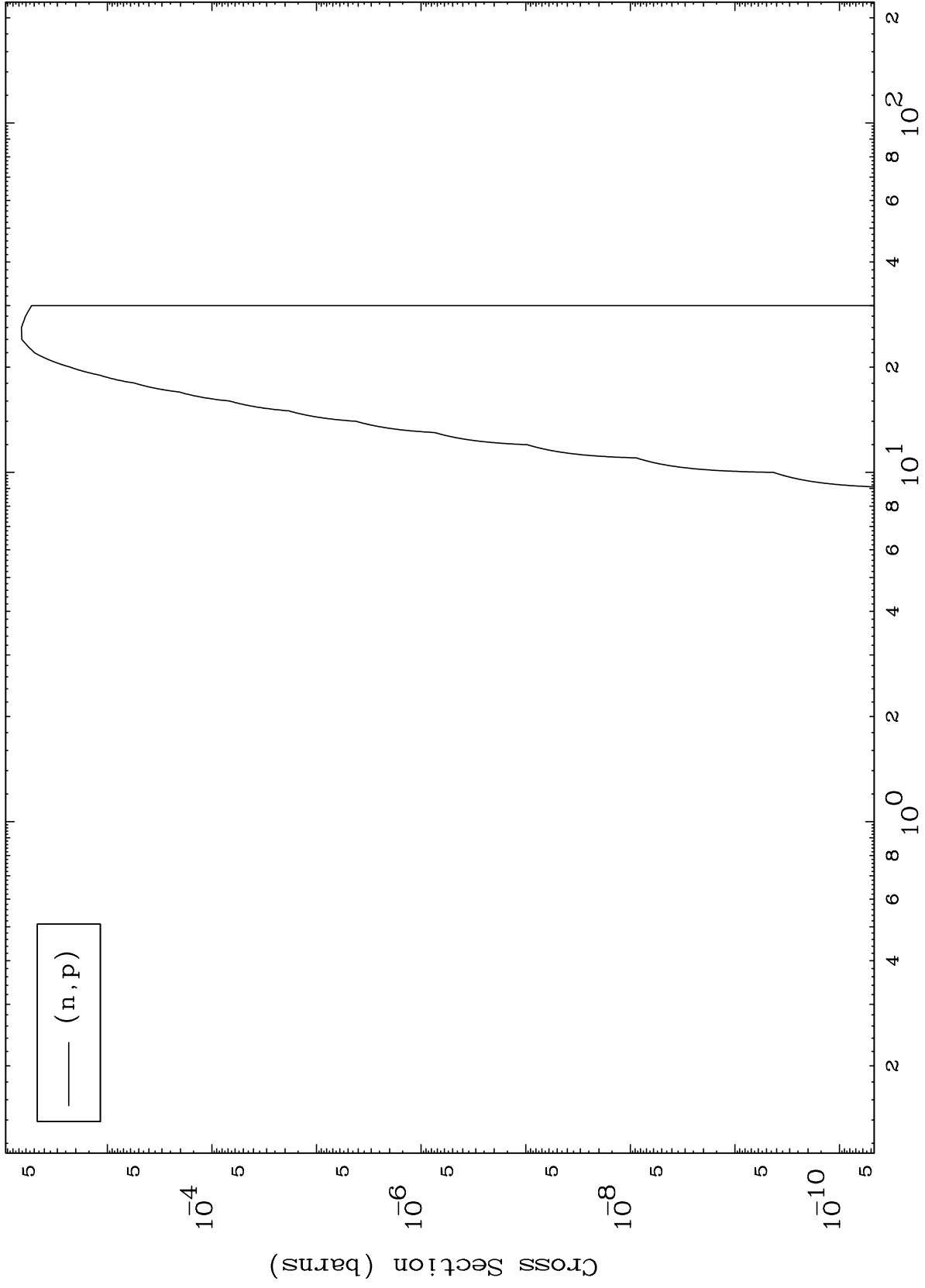




MAT 8096

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

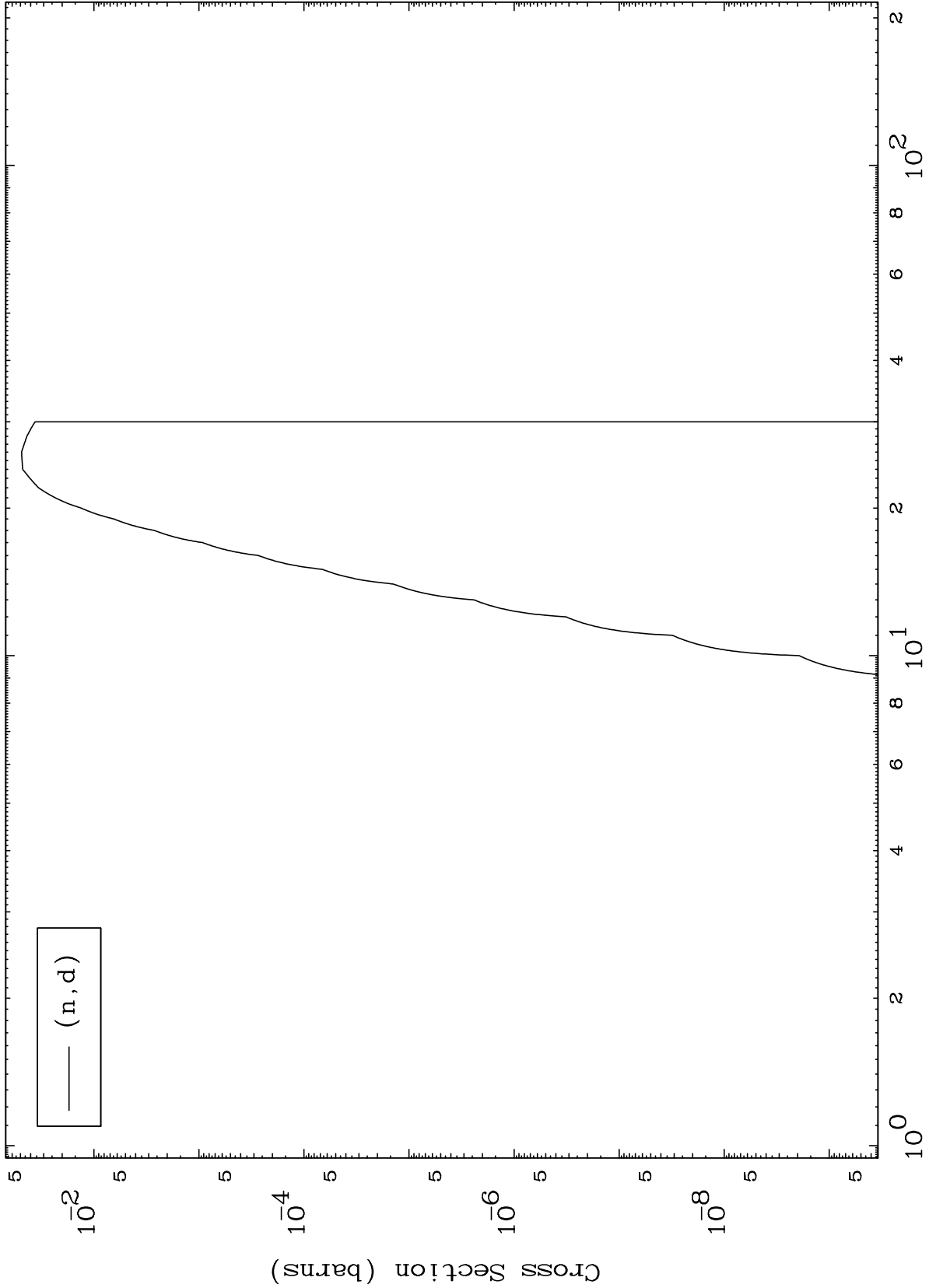
81-Tl-193m



MAT 8096

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

81-Tl-193m



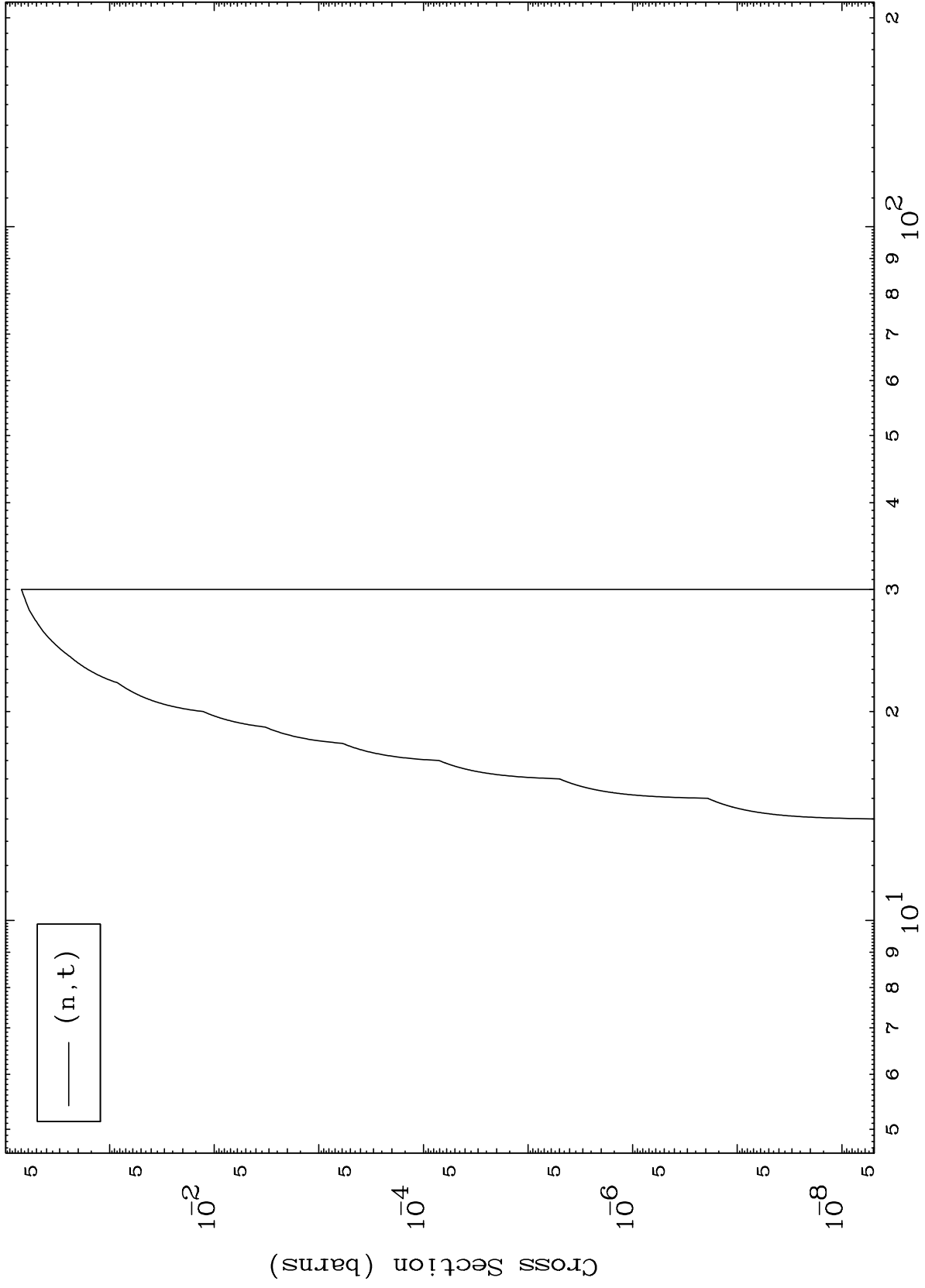
Incident Energy (MeV)

81-Tl-193m

MAT 8096

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

81-Tl-193m



9

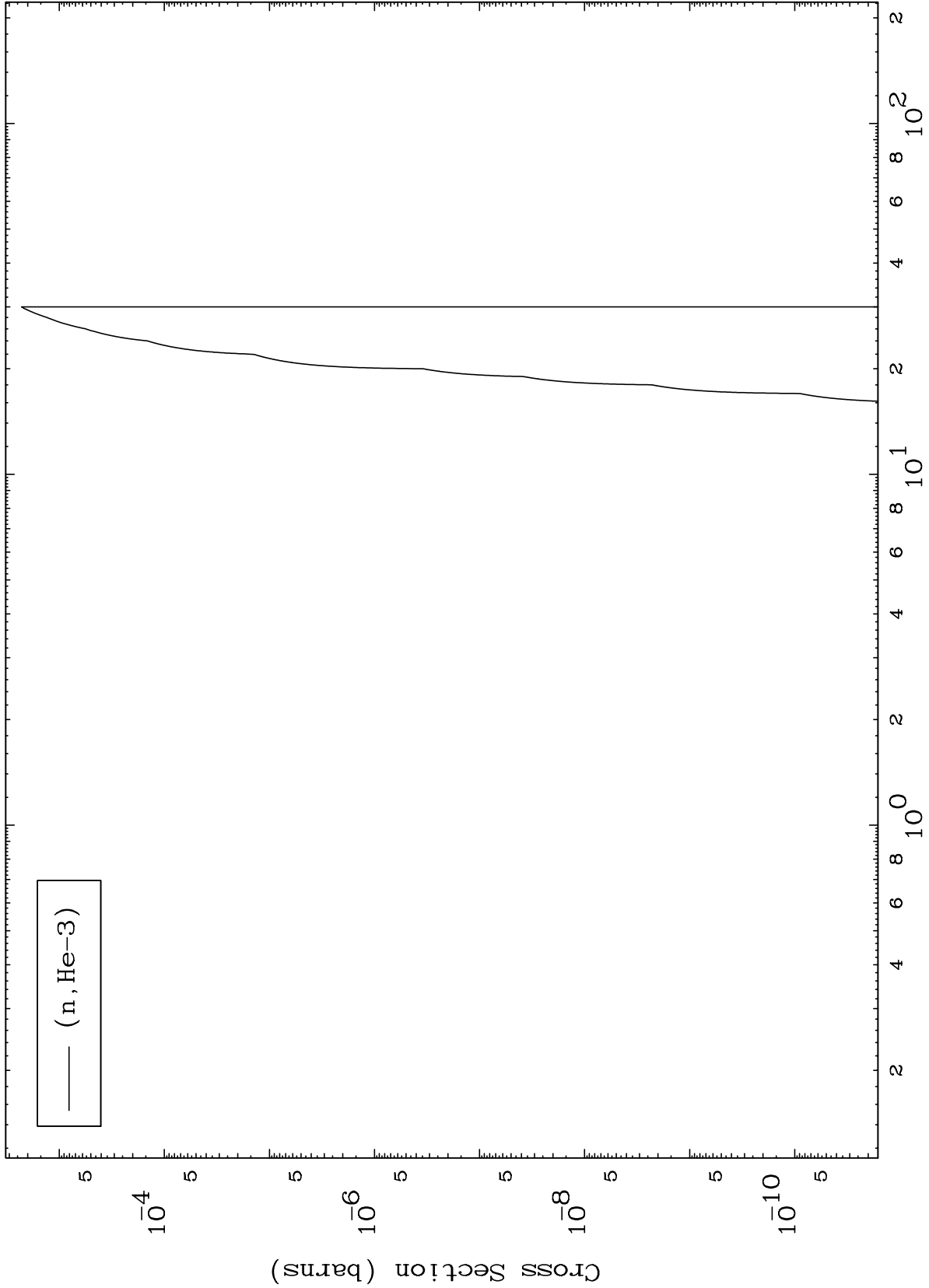
Incident Energy (MeV)

81-Tl-193m

MAT 8096

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

81-TI-193m



10

Incident Energy (MeV)

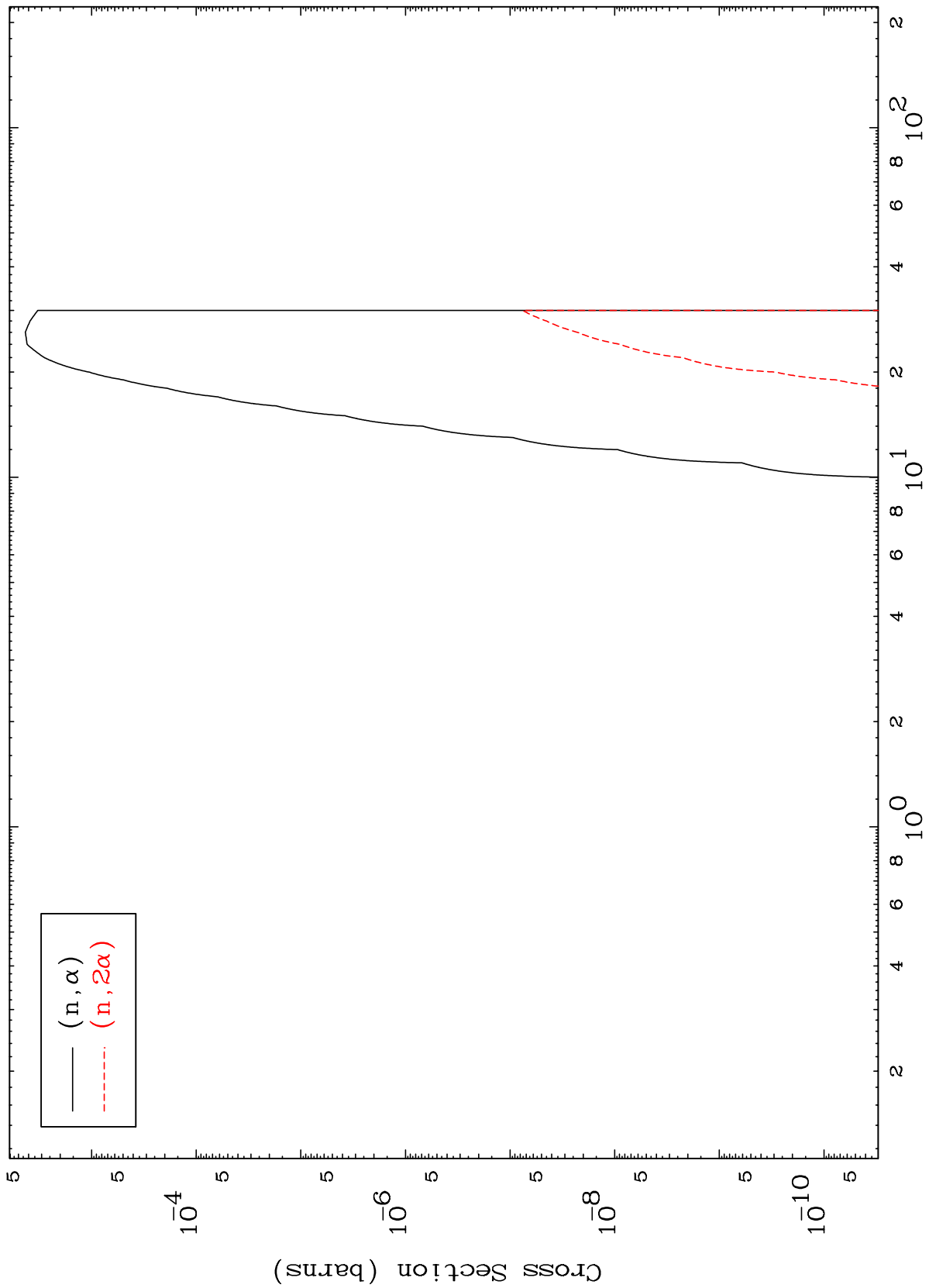
81-TI-193m

MAT 8096

(He-3, α) Levels

81-Tl-193m

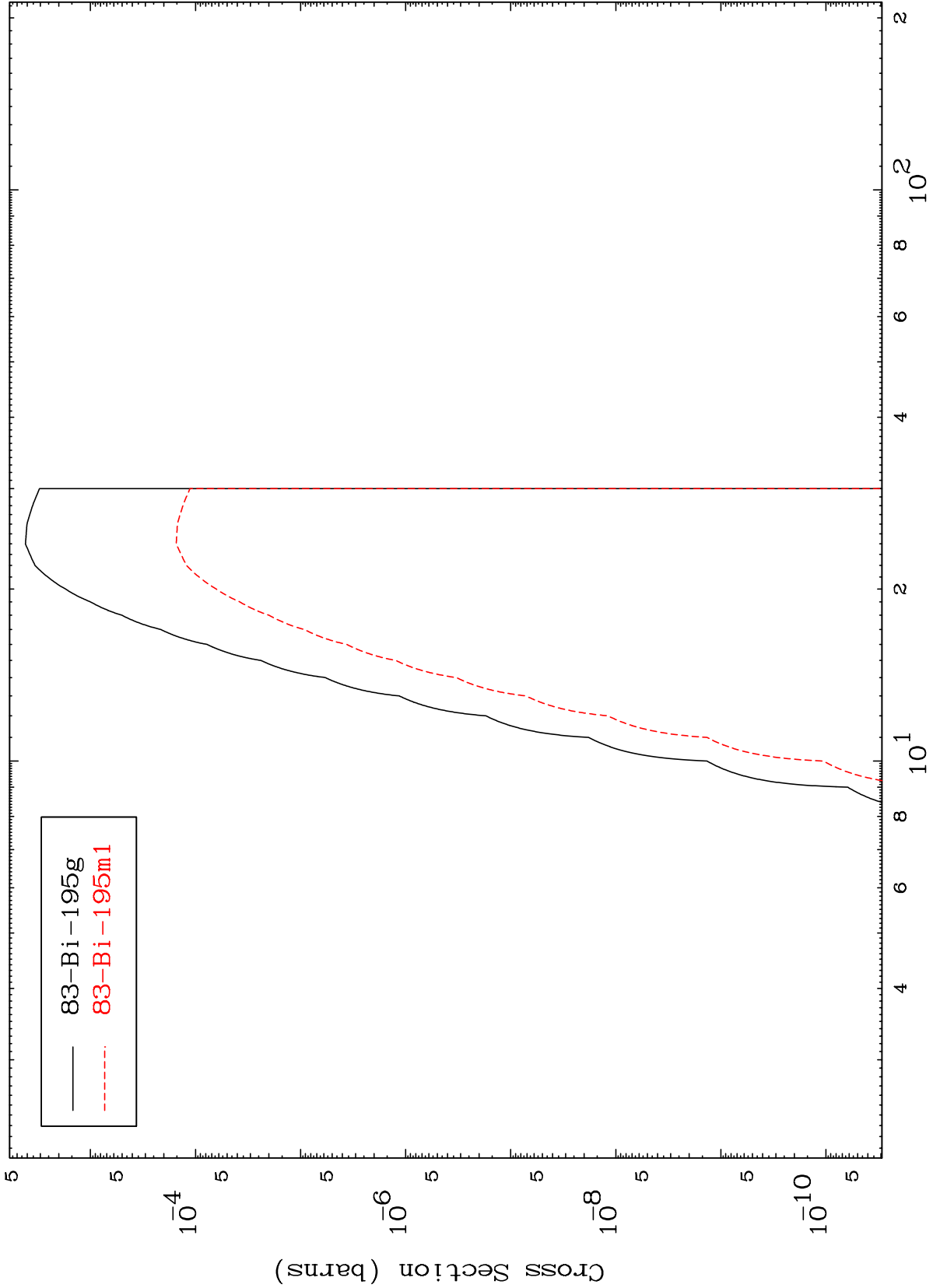
0 Kelvin Cross Sections



MAT 8096

Inelastic
Radionuclide Production Cross Section

81-Tl-193m

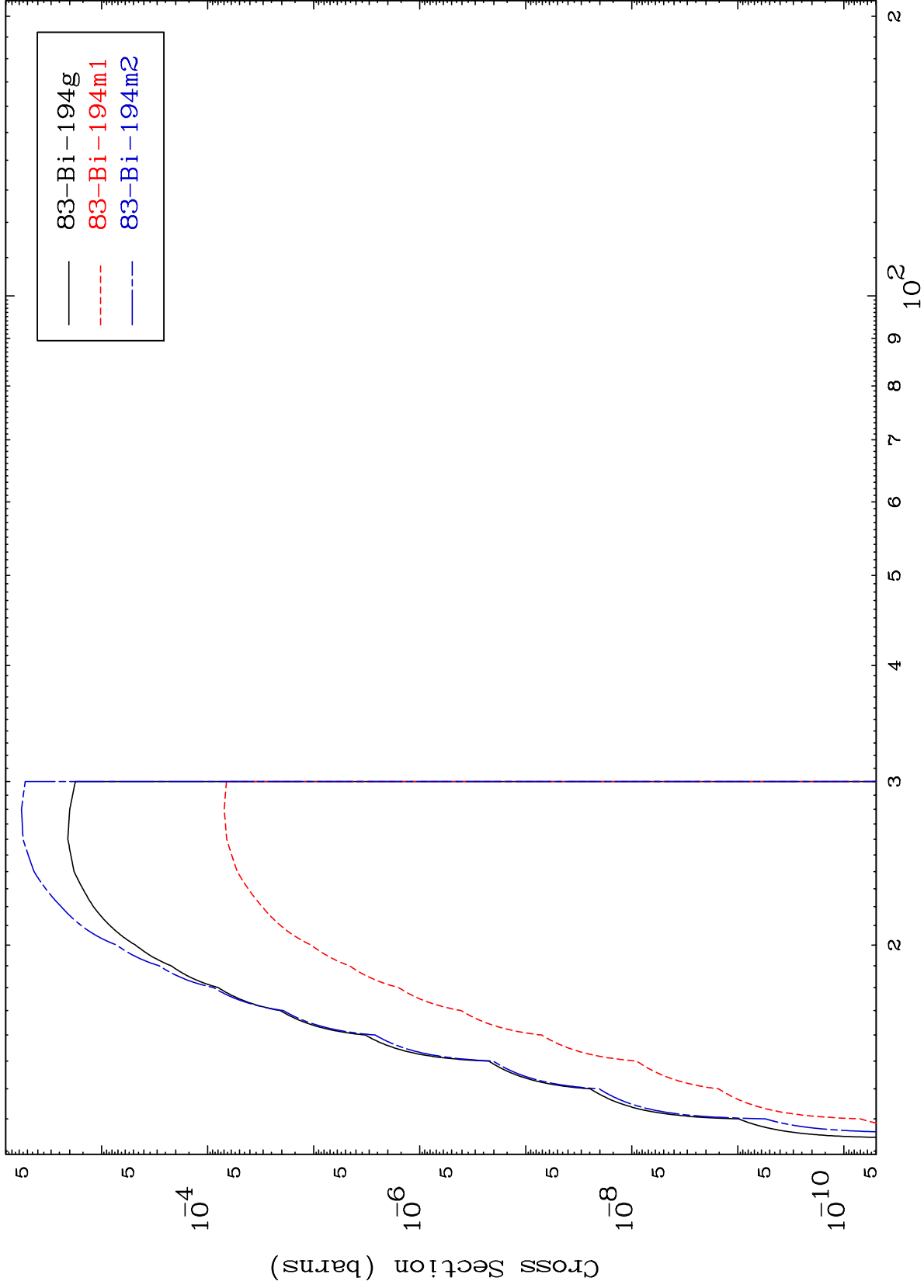


— 83-Bi-195g
- - - 83-Bi-195m1

81-Tl-193m

Incident Energy (MeV)

Radionuclide Production Cross Section

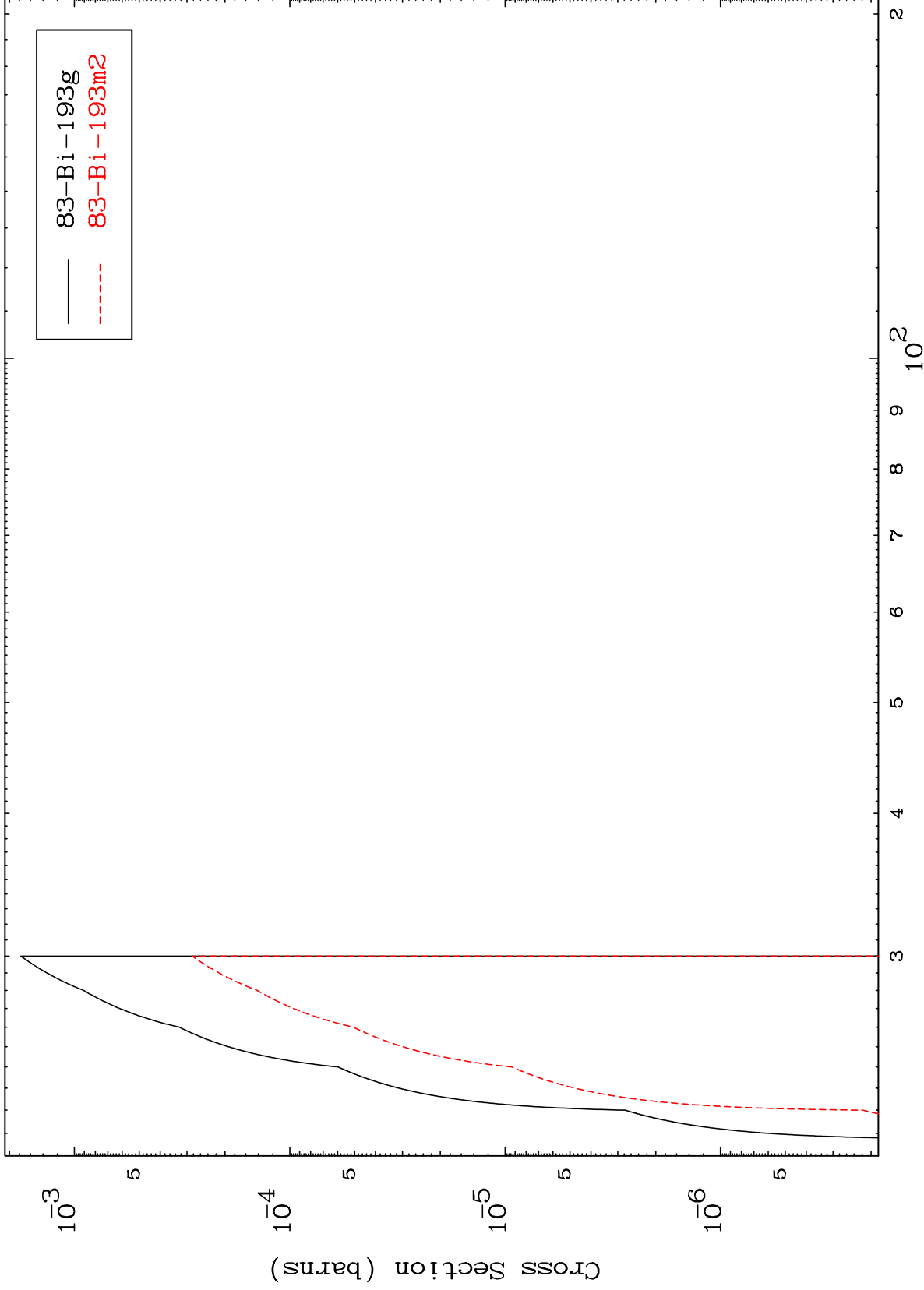


MAT 8096

(n,3n)

81-Tl-193m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

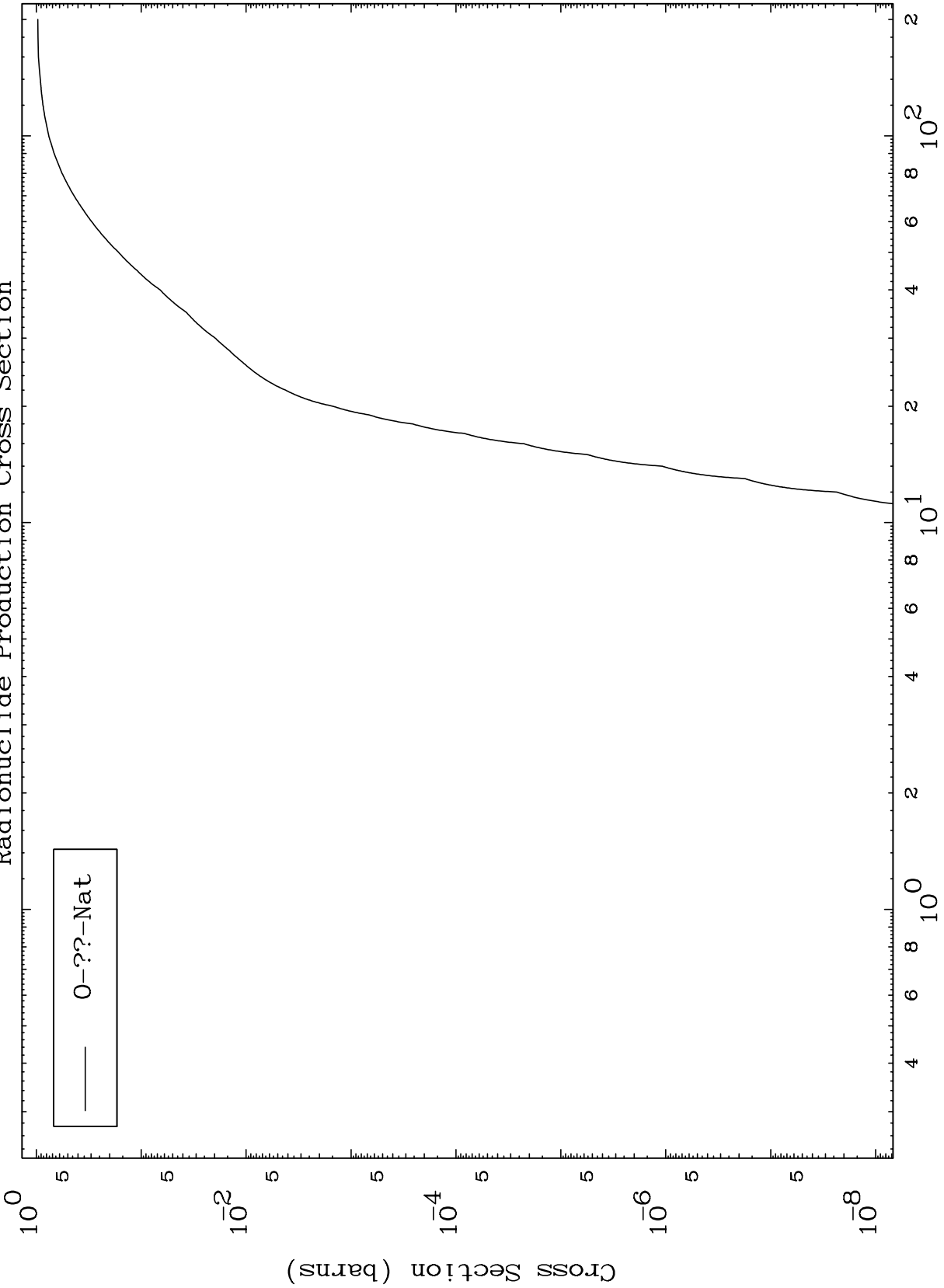
81-Tl-193m

MAT 8096

Fission

81-Tl-193m

Radionuclide Production Cross Section

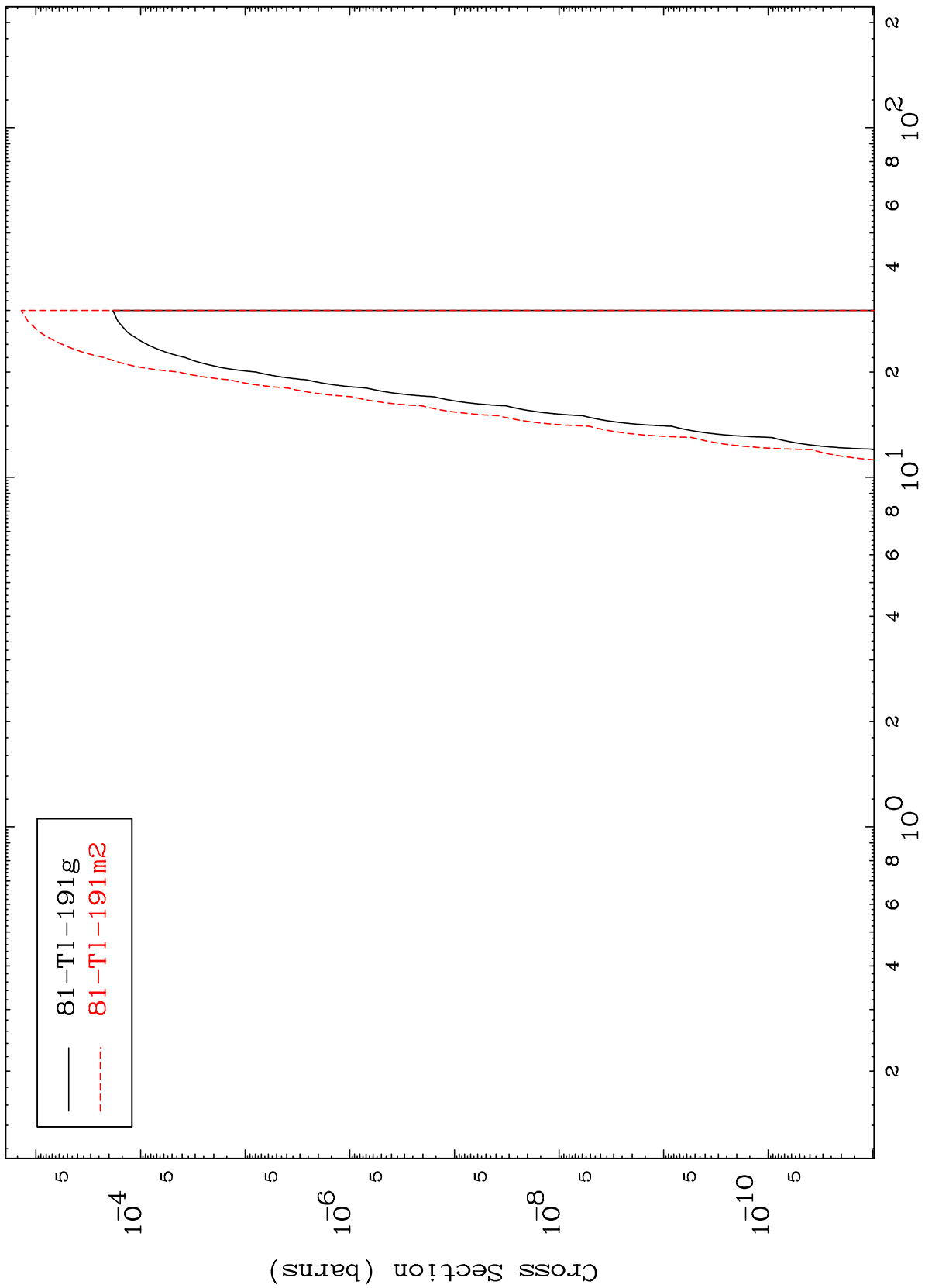


MAT 8096

$(n, n') \alpha$

81-Tl-193m

Radionuclide Production Cross Section

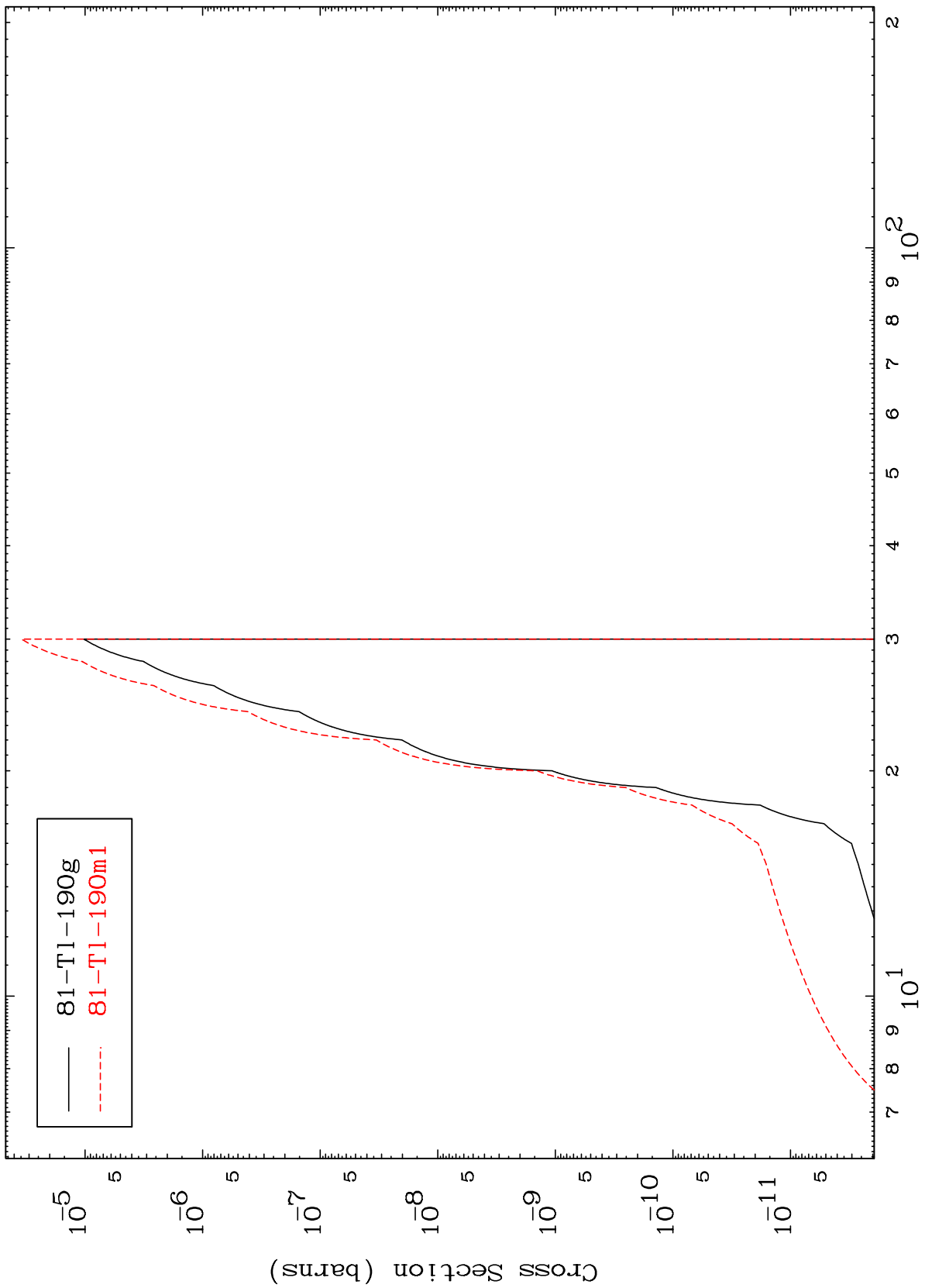


MAT 8096

(n,2n) α

81-Tl-193m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

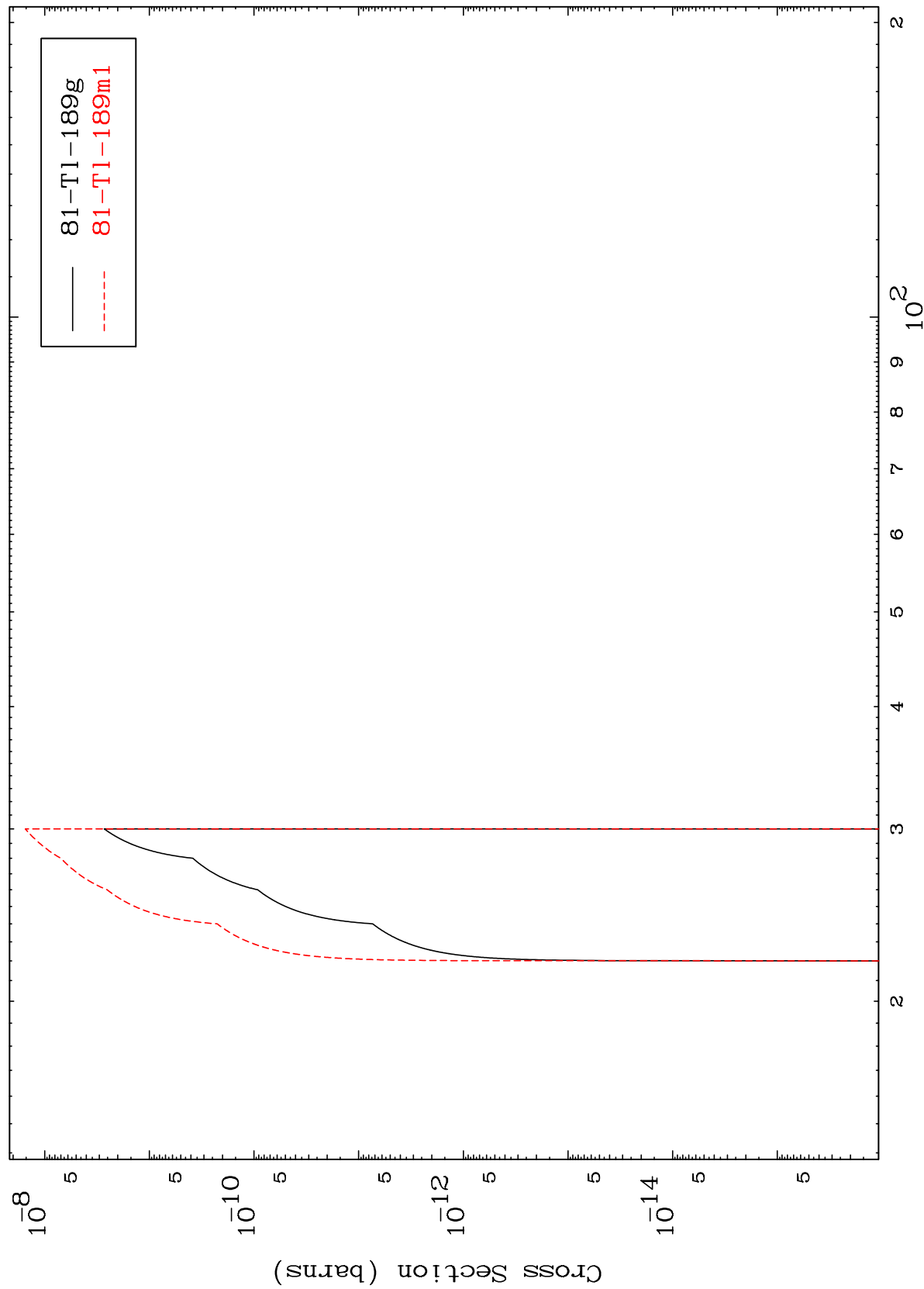
81-Tl-193m

MAT 8096

$(n,3n) \alpha$

81-Tl-193m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

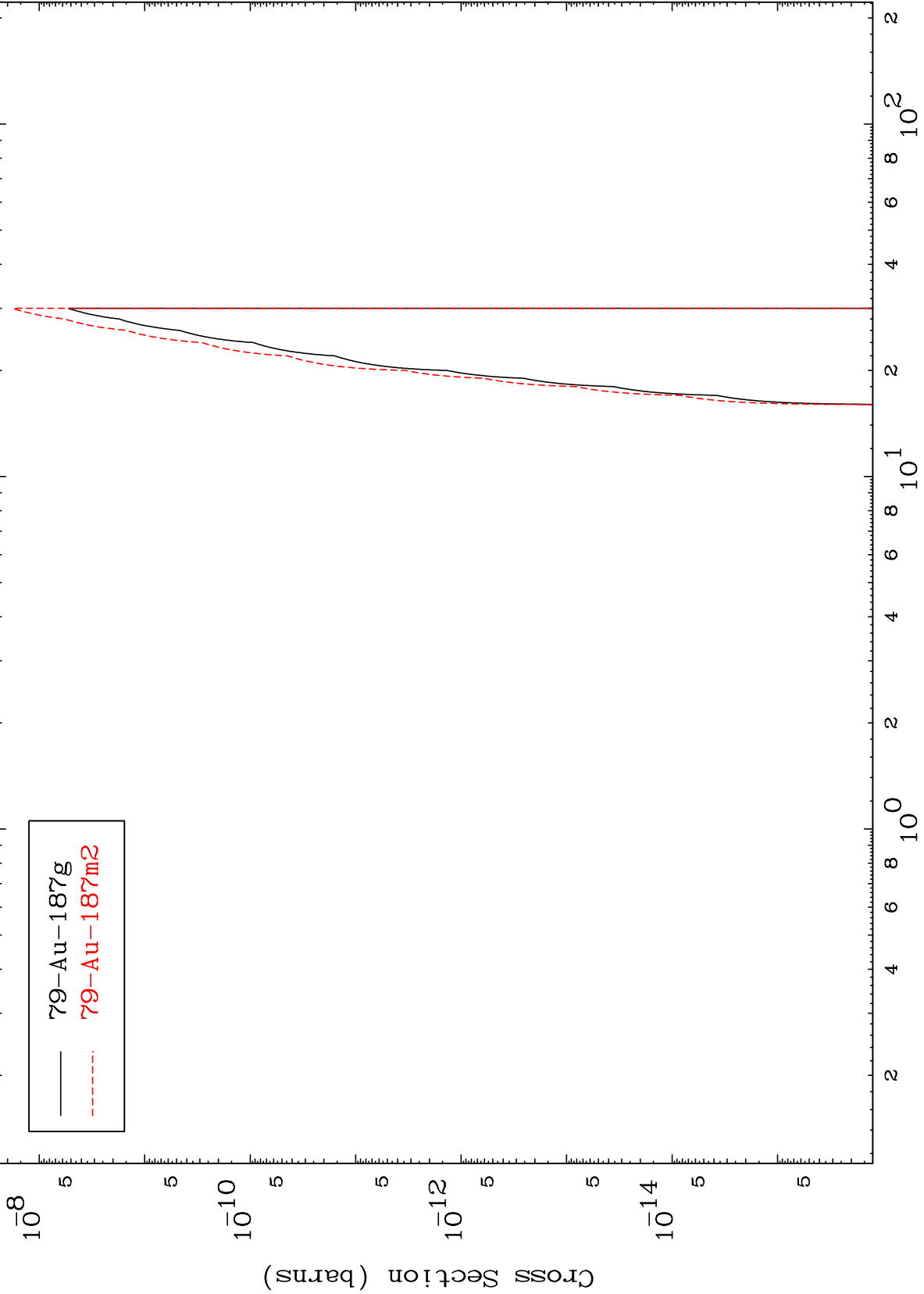
81-Tl-193m

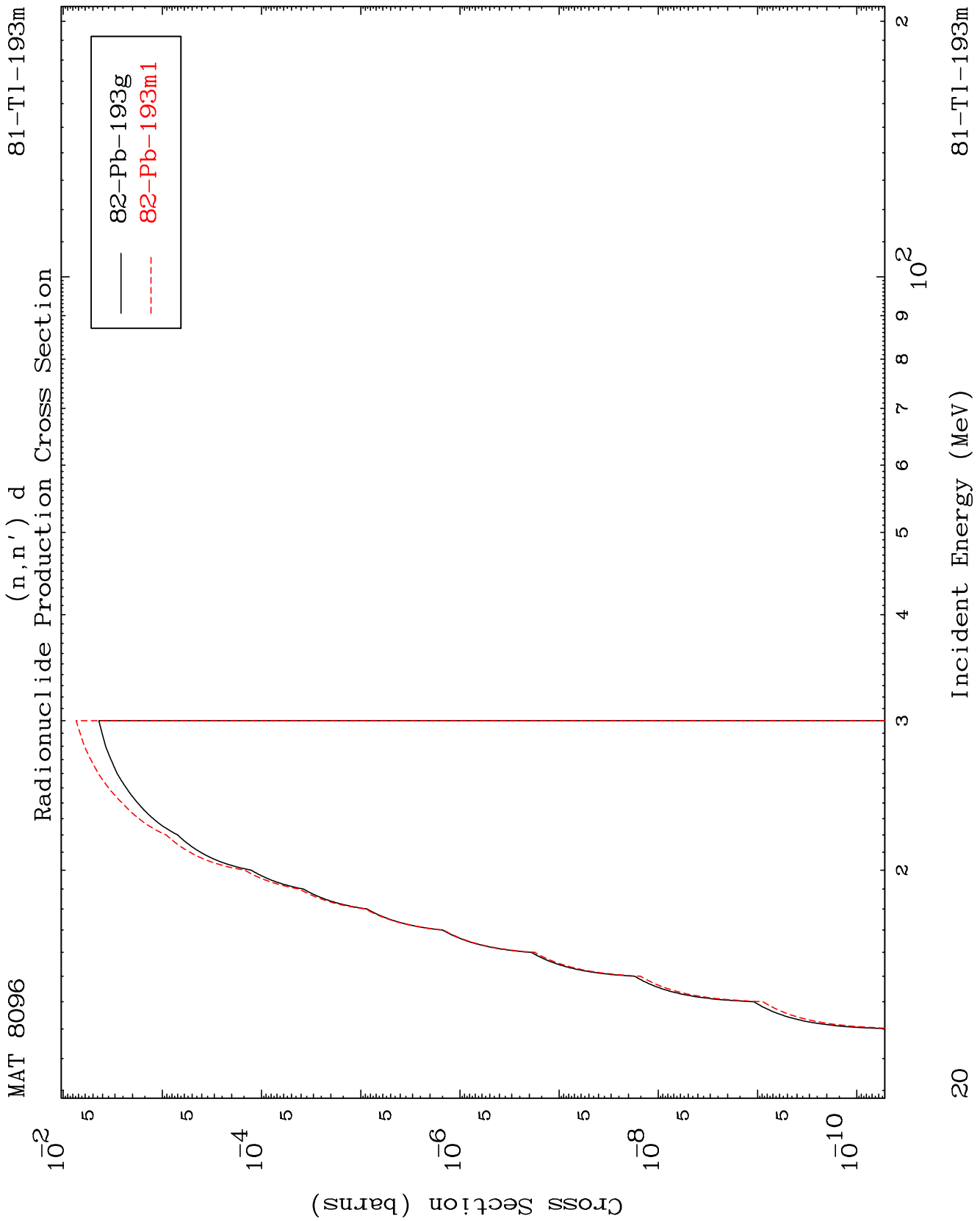
MAT 8096

(n,n') 2α

81-Tl-193m

Radionuclide Production Cross Section



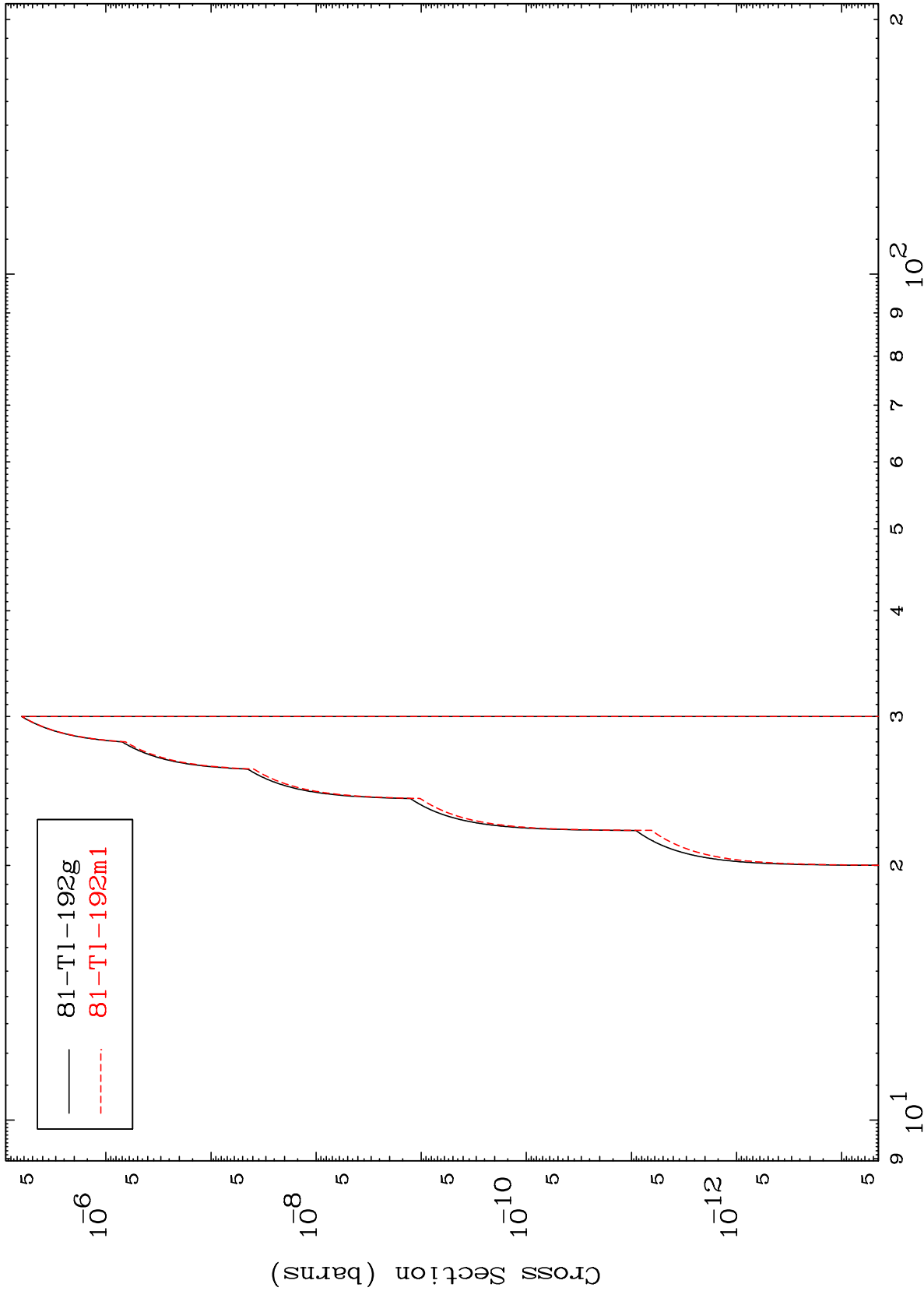


MAT 8096

(n,n') He-3

81-Tl-193m

Radionuclide Production Cross Section

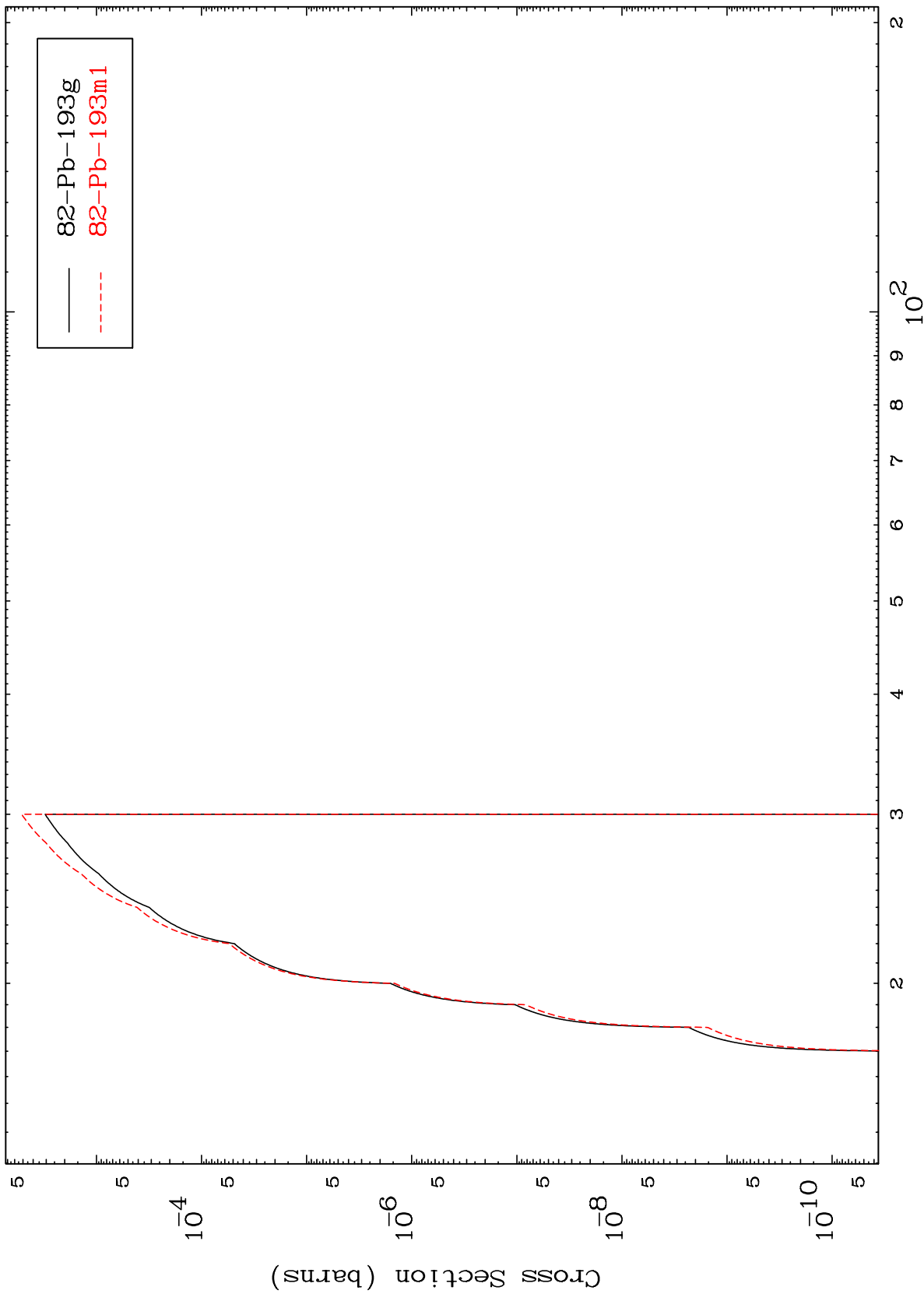


21

Incident Energy (MeV)

81-Tl-193m

Radionuclide Production Cross Section

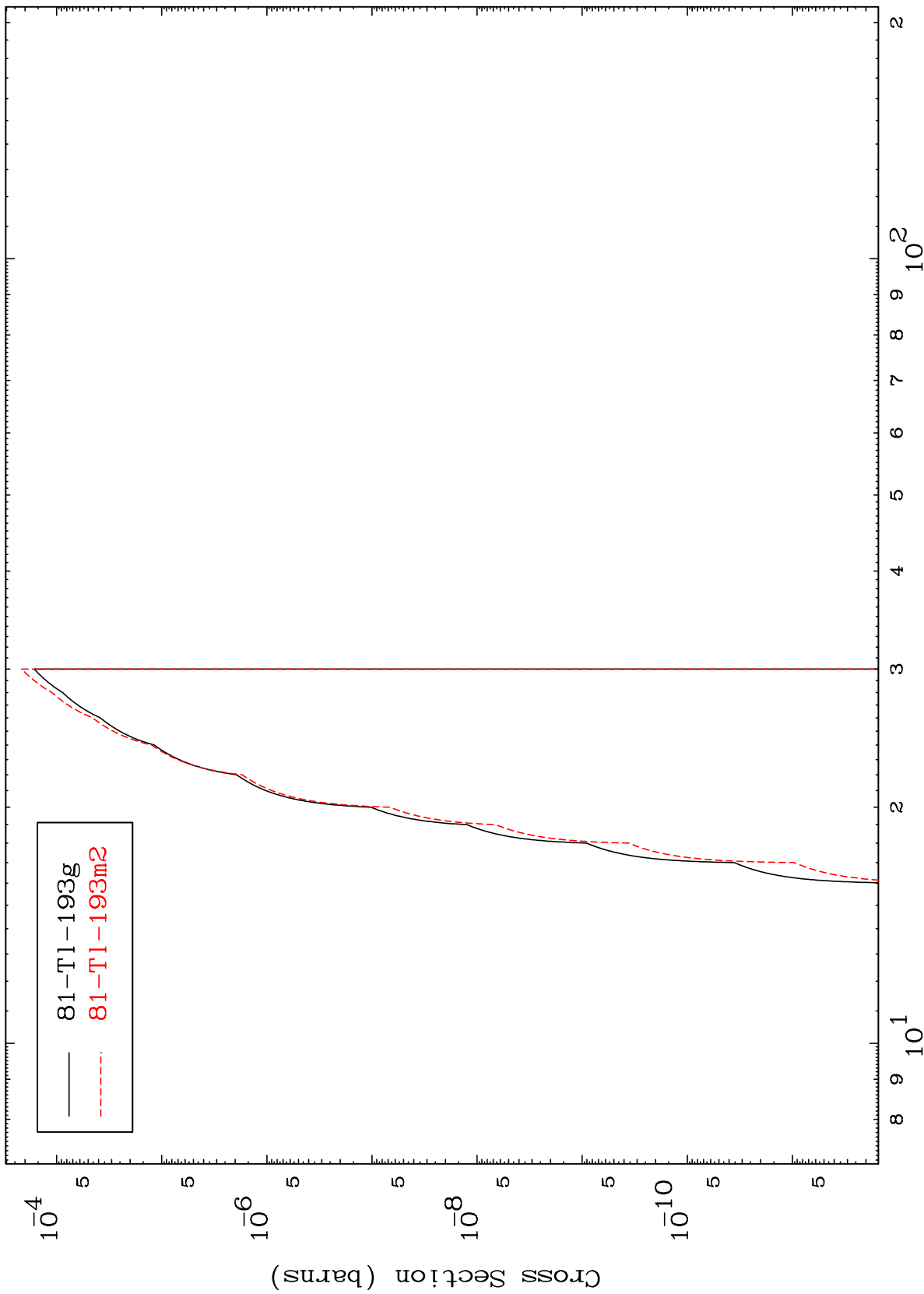


MAT 8096

(n,2n) p

81-Tl-193m

Radionuclide Production Cross Section



81-Tl-193g
81-Tl-193m2

Incident Energy (MeV)

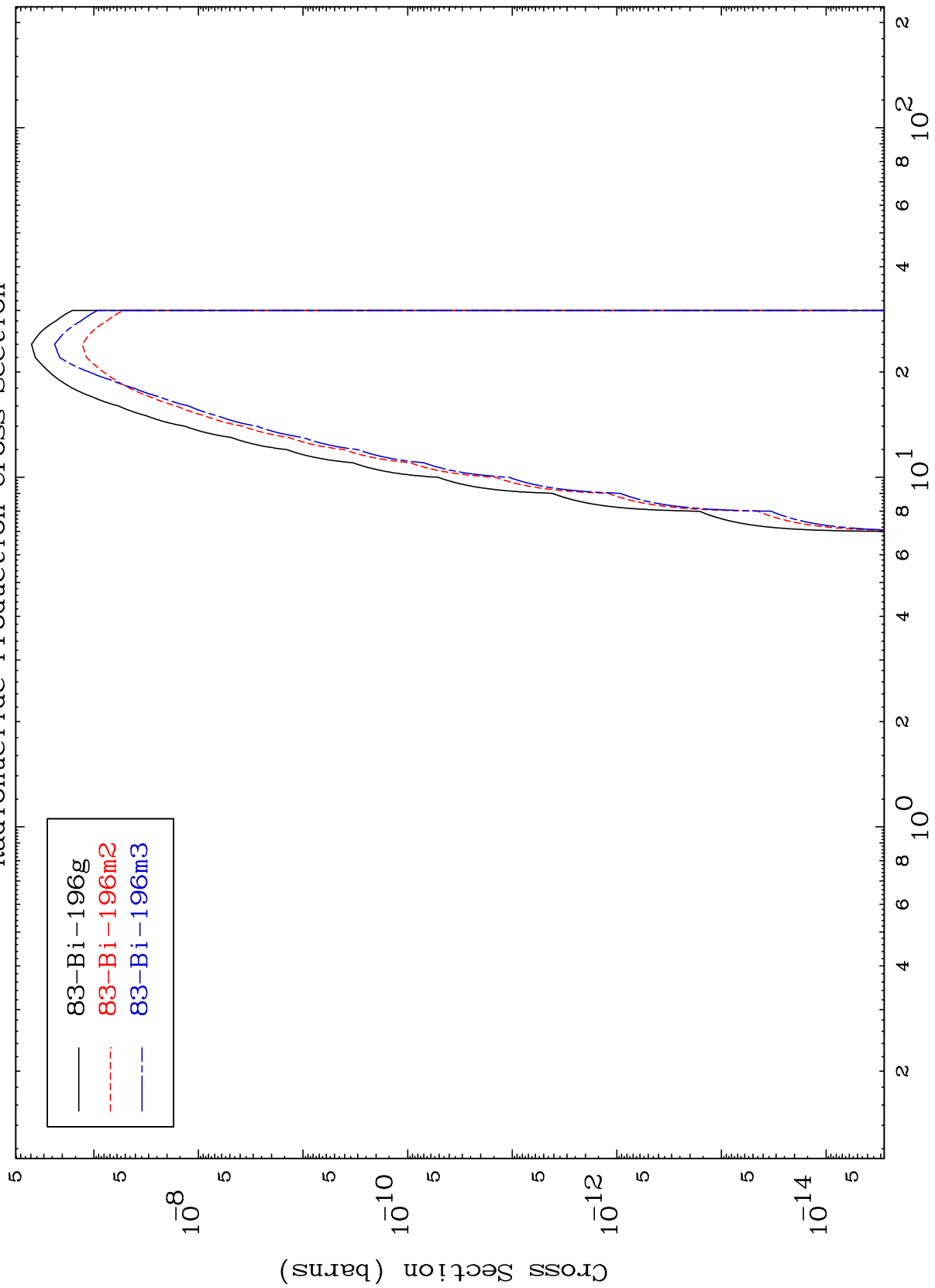
81-Tl-193m

23

MAT 8096

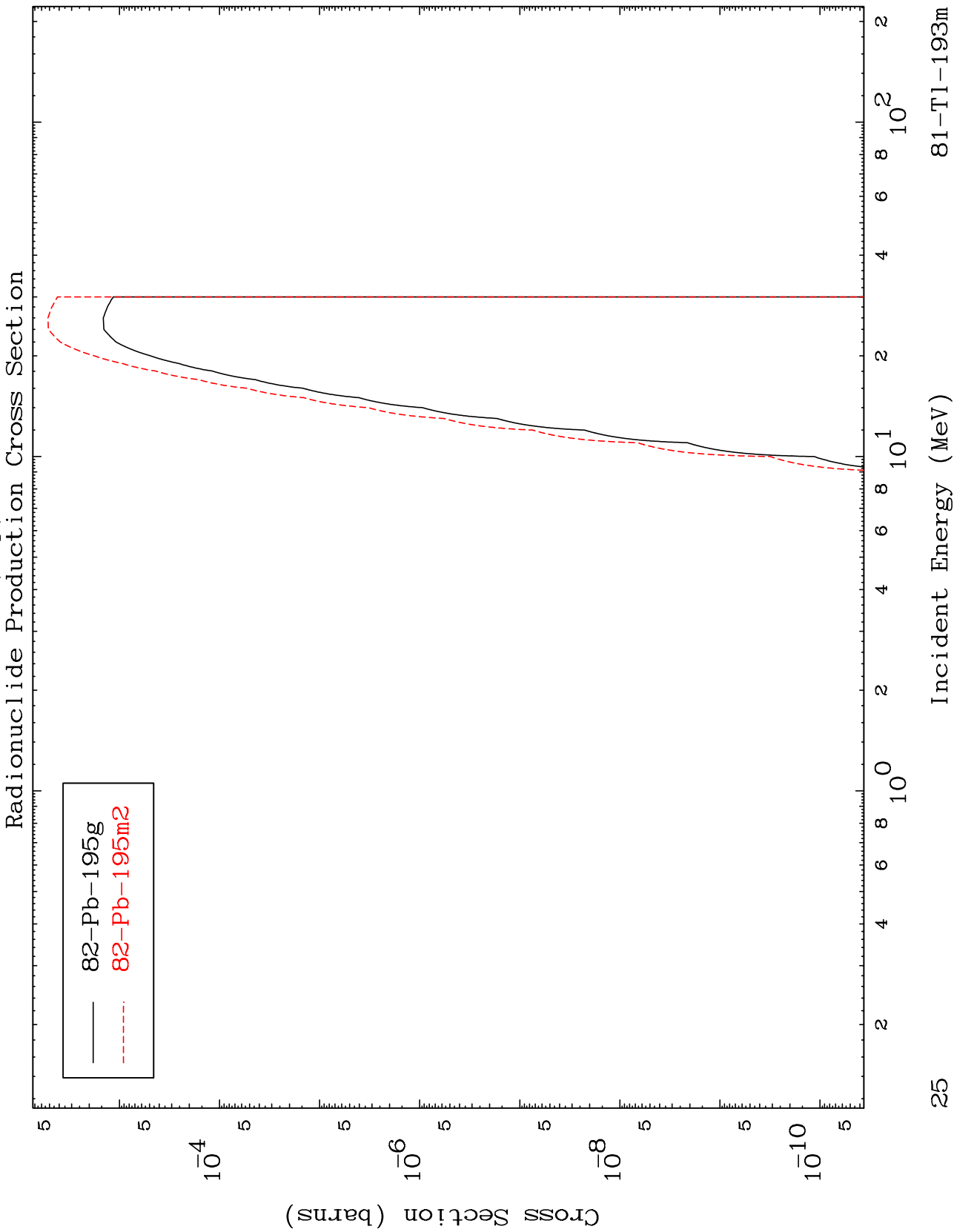
81-Tl-193m

Radionuclide Production Cross Section



MAT 8096

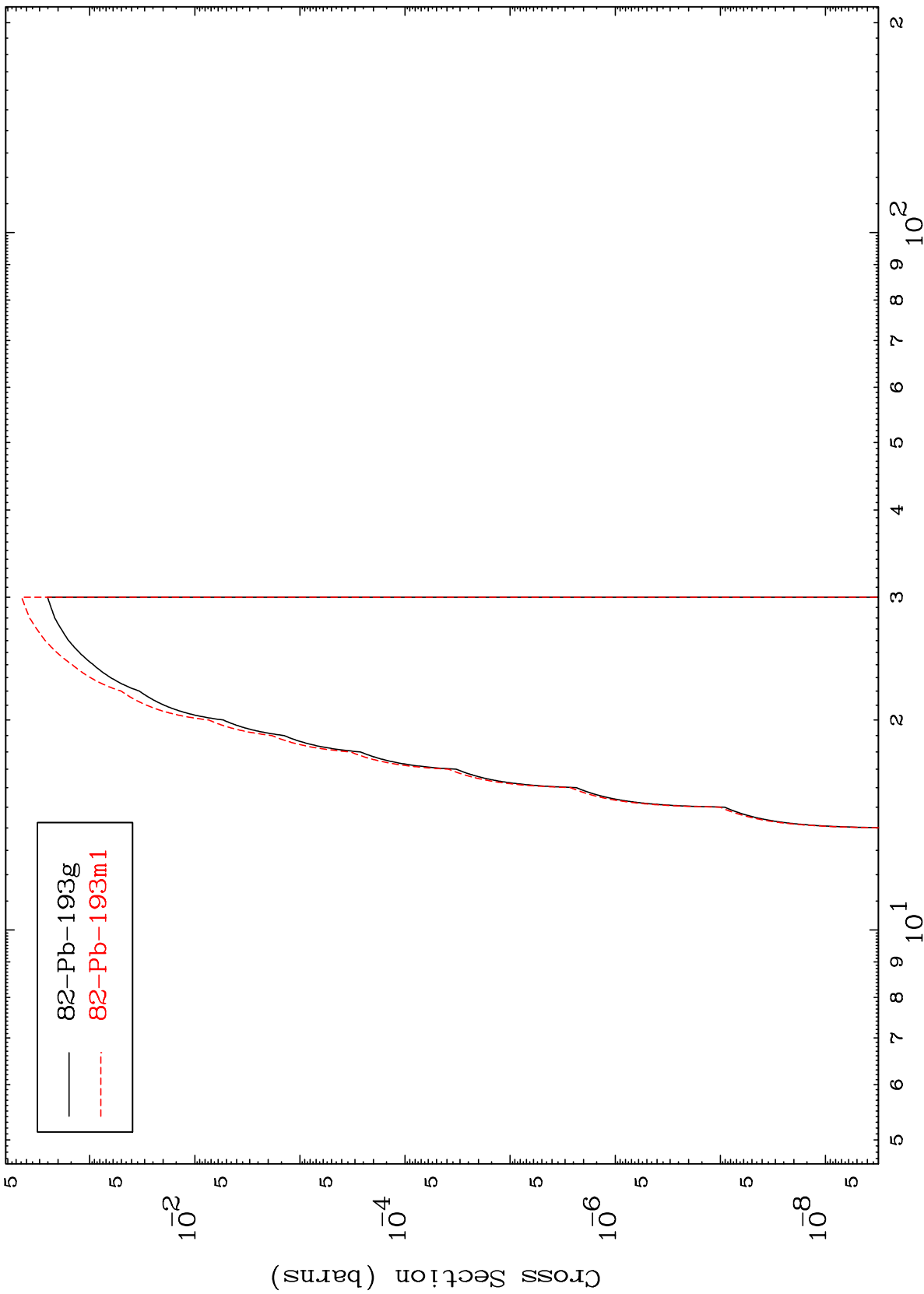
81-Tl-193m



MAT 8096

81-Tl-193m

(n, t)
Radionuclide Production Cross Section



26

Incident Energy (MeV)

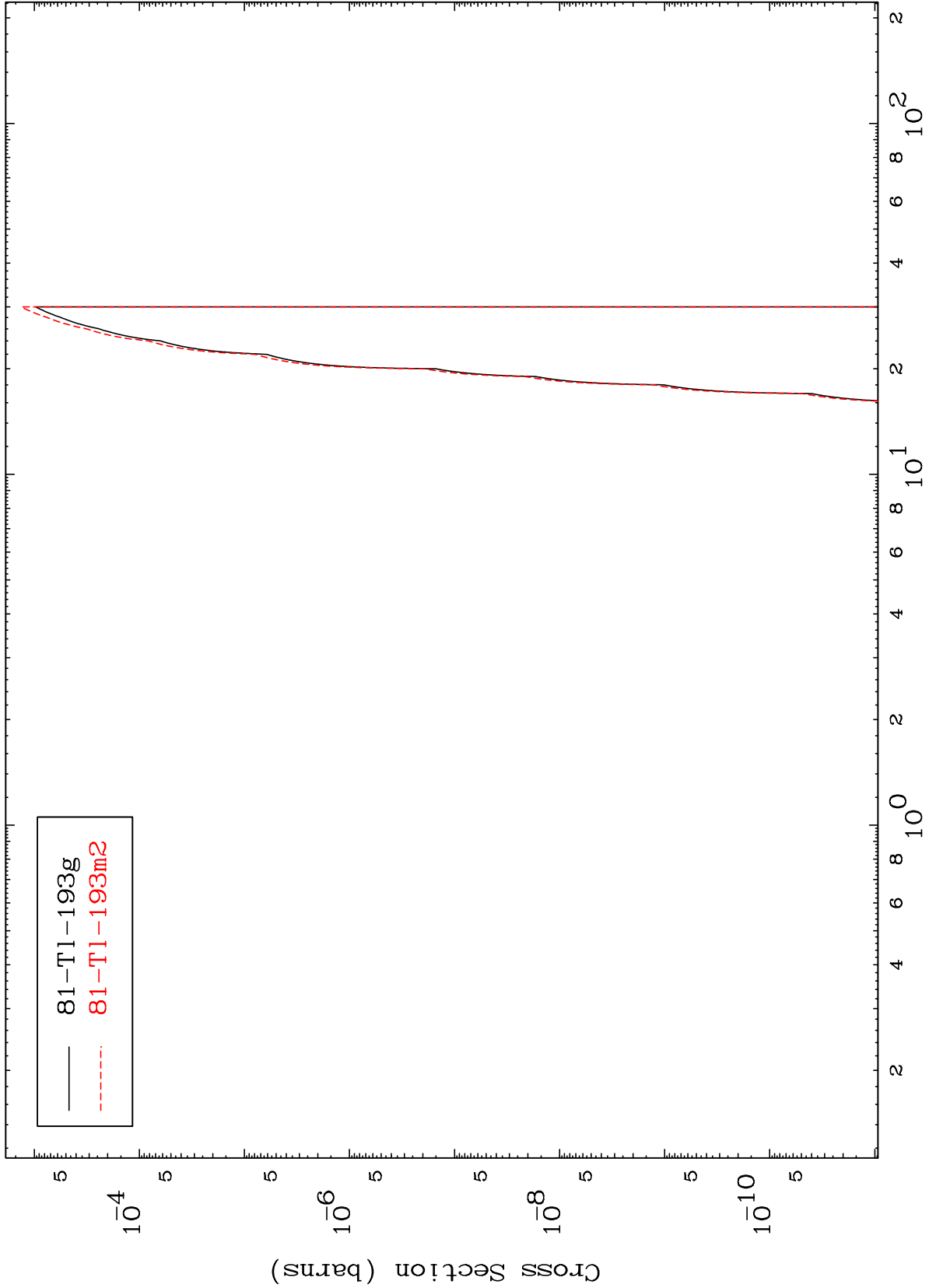
81-Tl-193m

MAT 8096

(n,He-3)

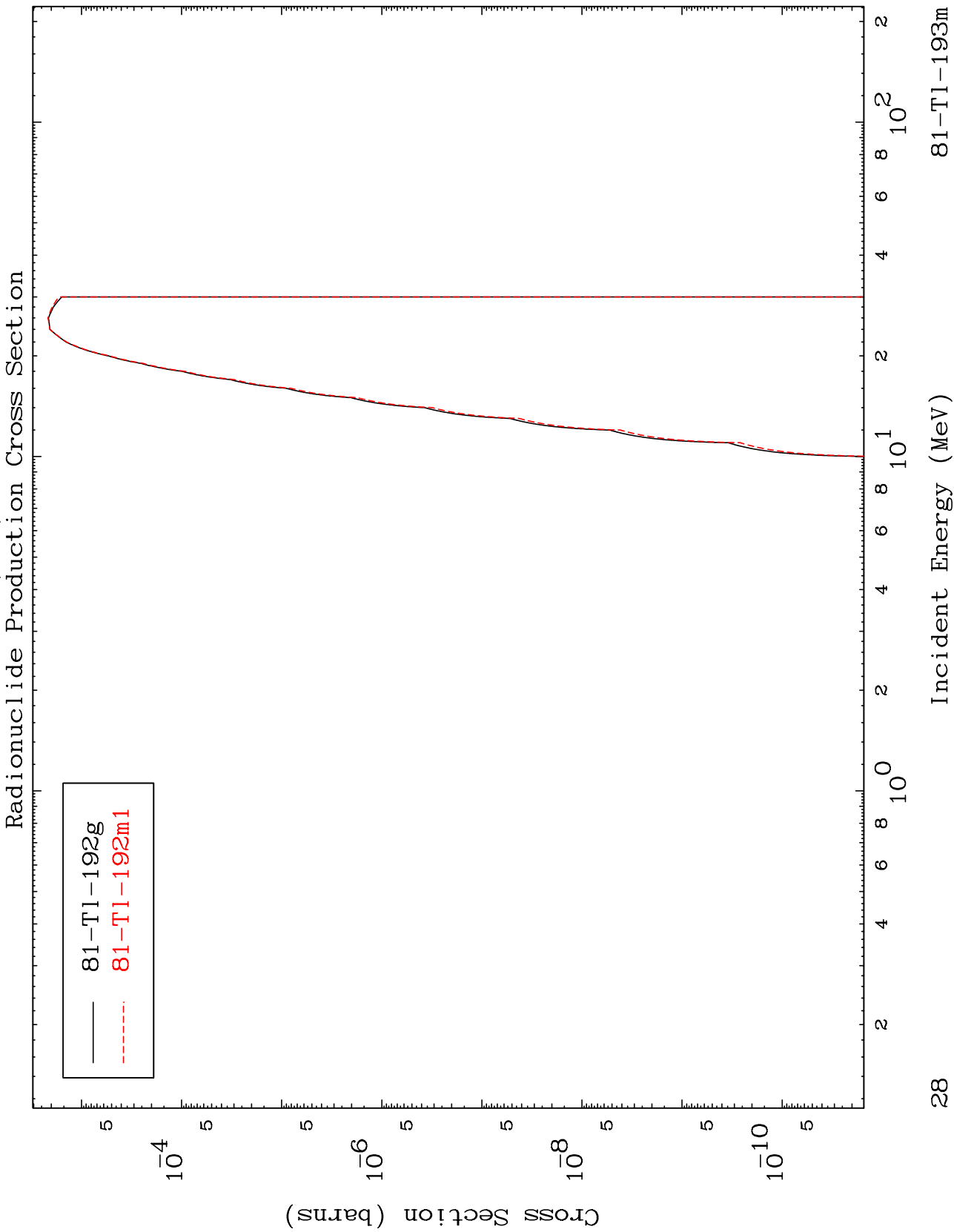
81-Tl-193m

Radionuclide Production Cross Section



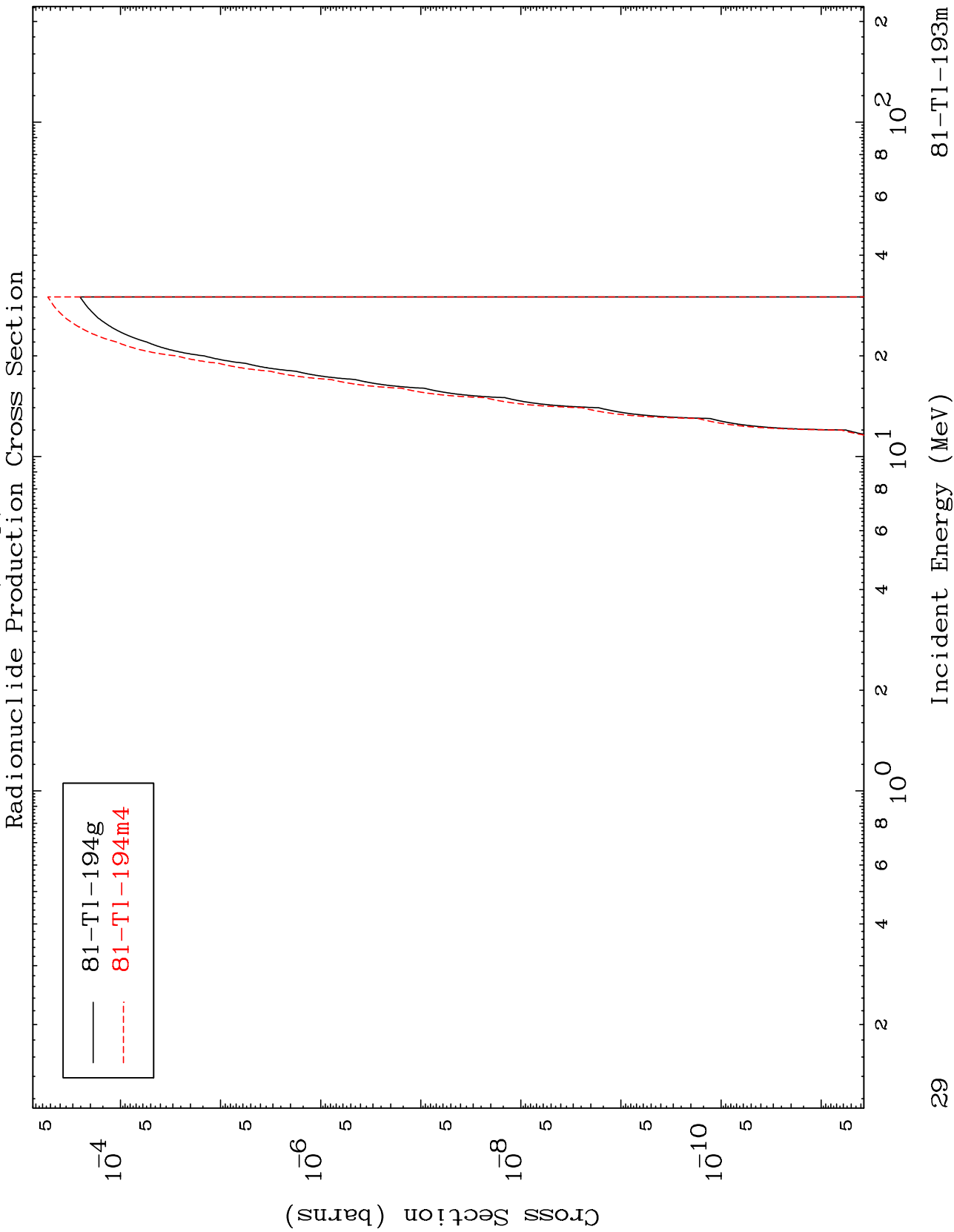
MAT 8096

81-Tl-193m



MAT 8096

81-Tl-193m

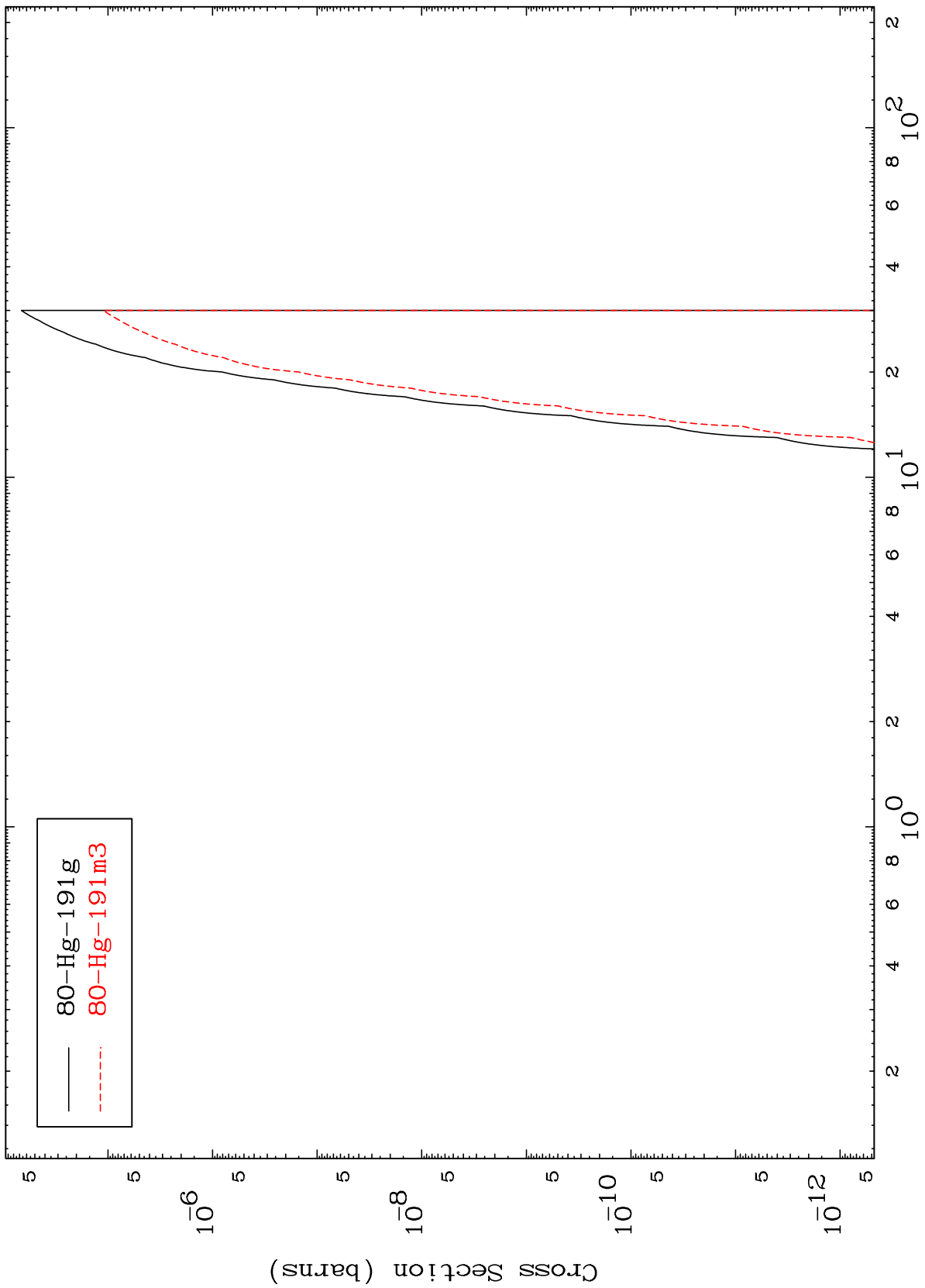


MAT 8096

(n,p) α

81-Tl-193m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

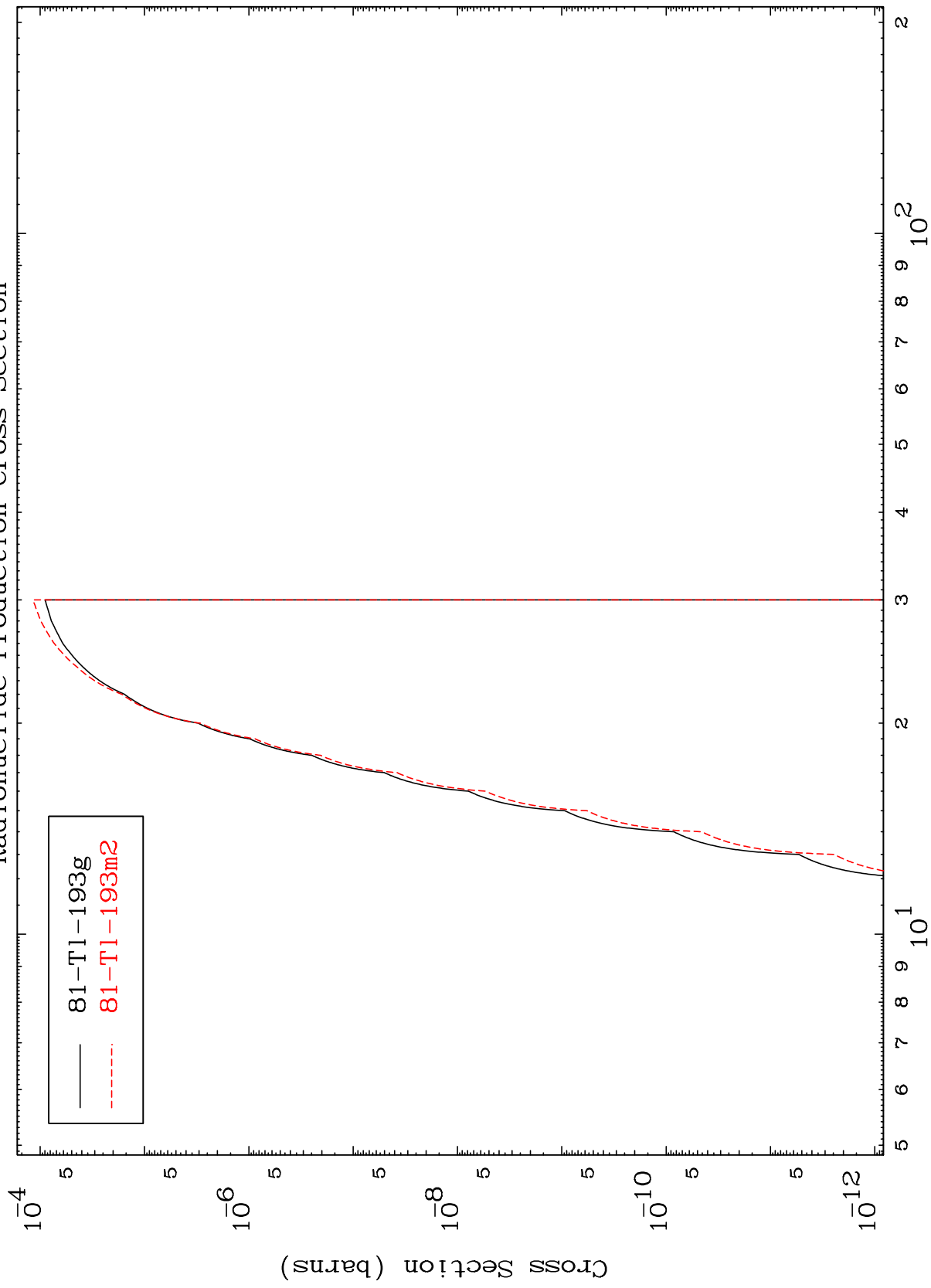
81-Tl-193m

MAT 8096

(n,p) d

81-Tl-193m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

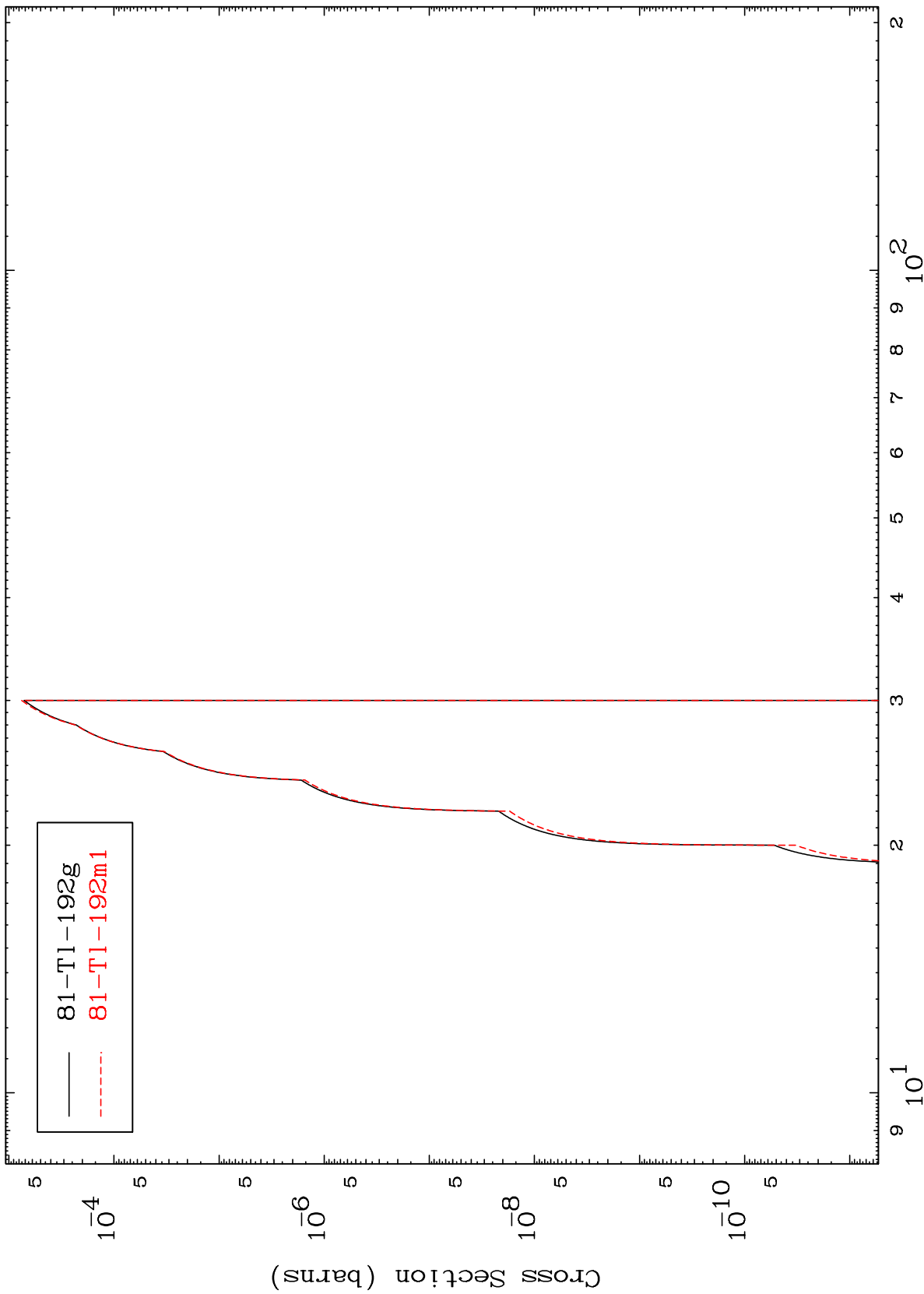
81-Tl-193m

MAT 8096

(n,p) t

81-Tl-193m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

81-Tl-193m