

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

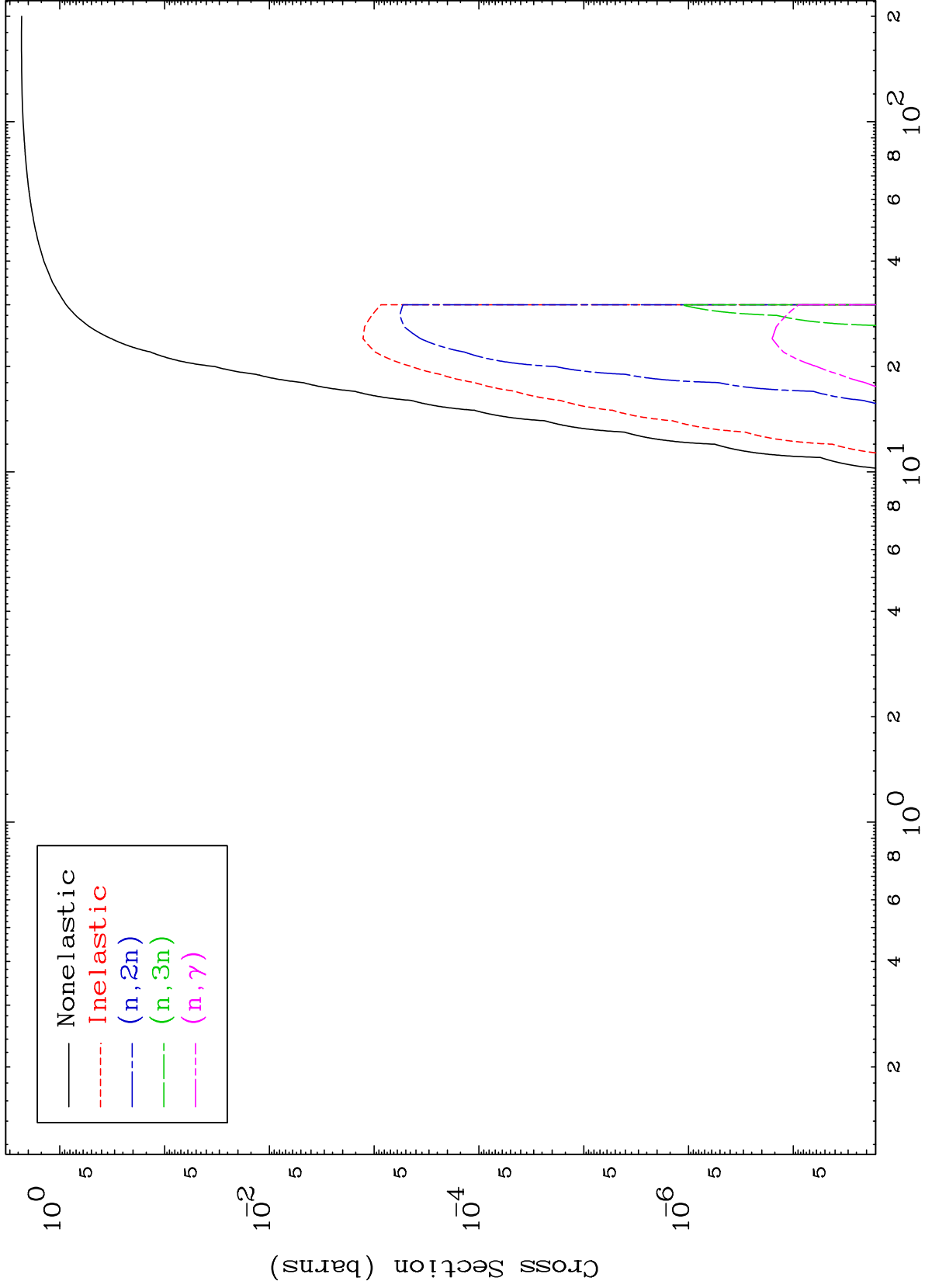
Press Mouse Button to Start

MAT 8081

He-3 Major

81-Tl-188m

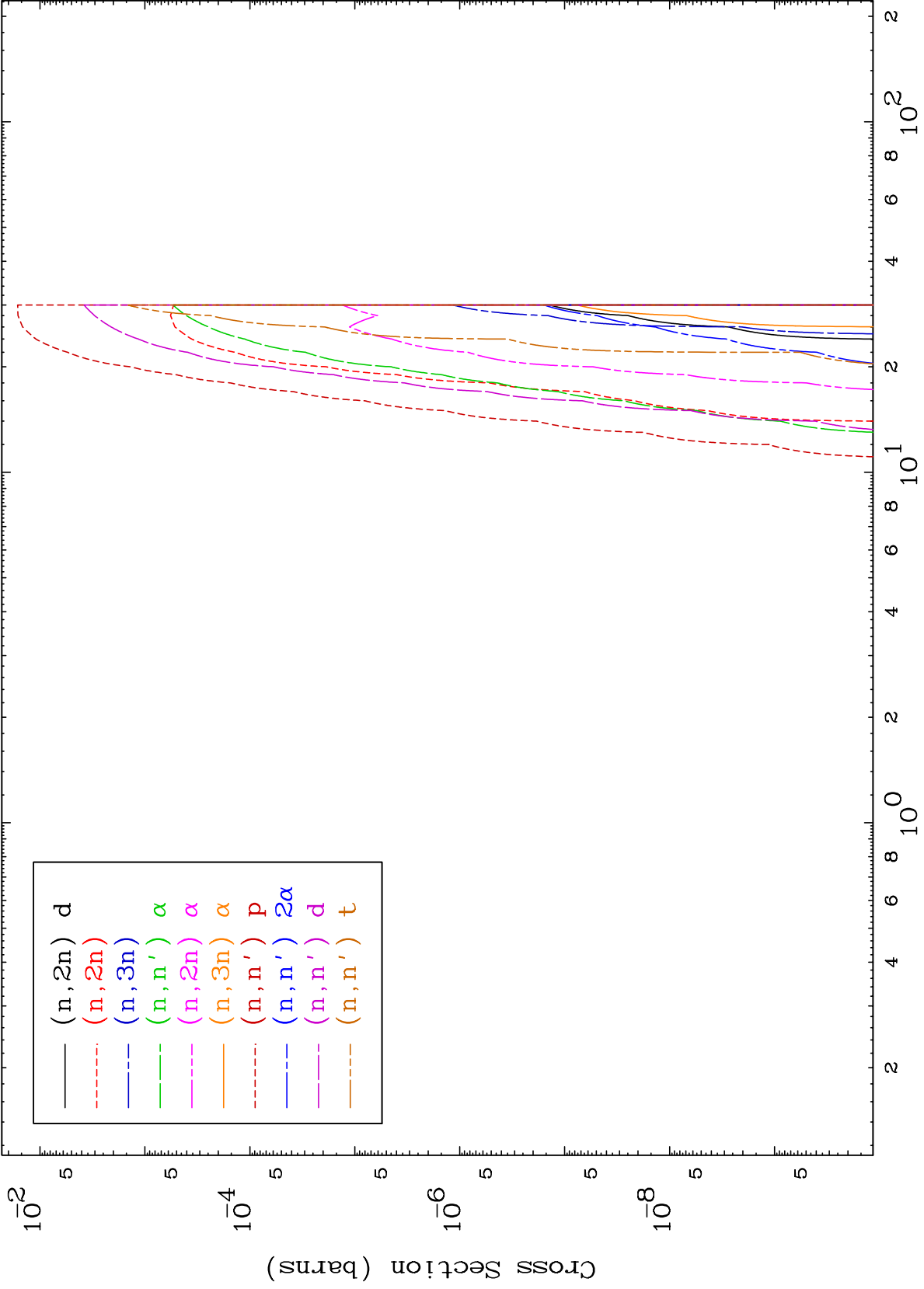
0 Kelvin Cross Sections



MAT 8081

He-3 Neutron Absorption
0 Kelvin Cross Sections

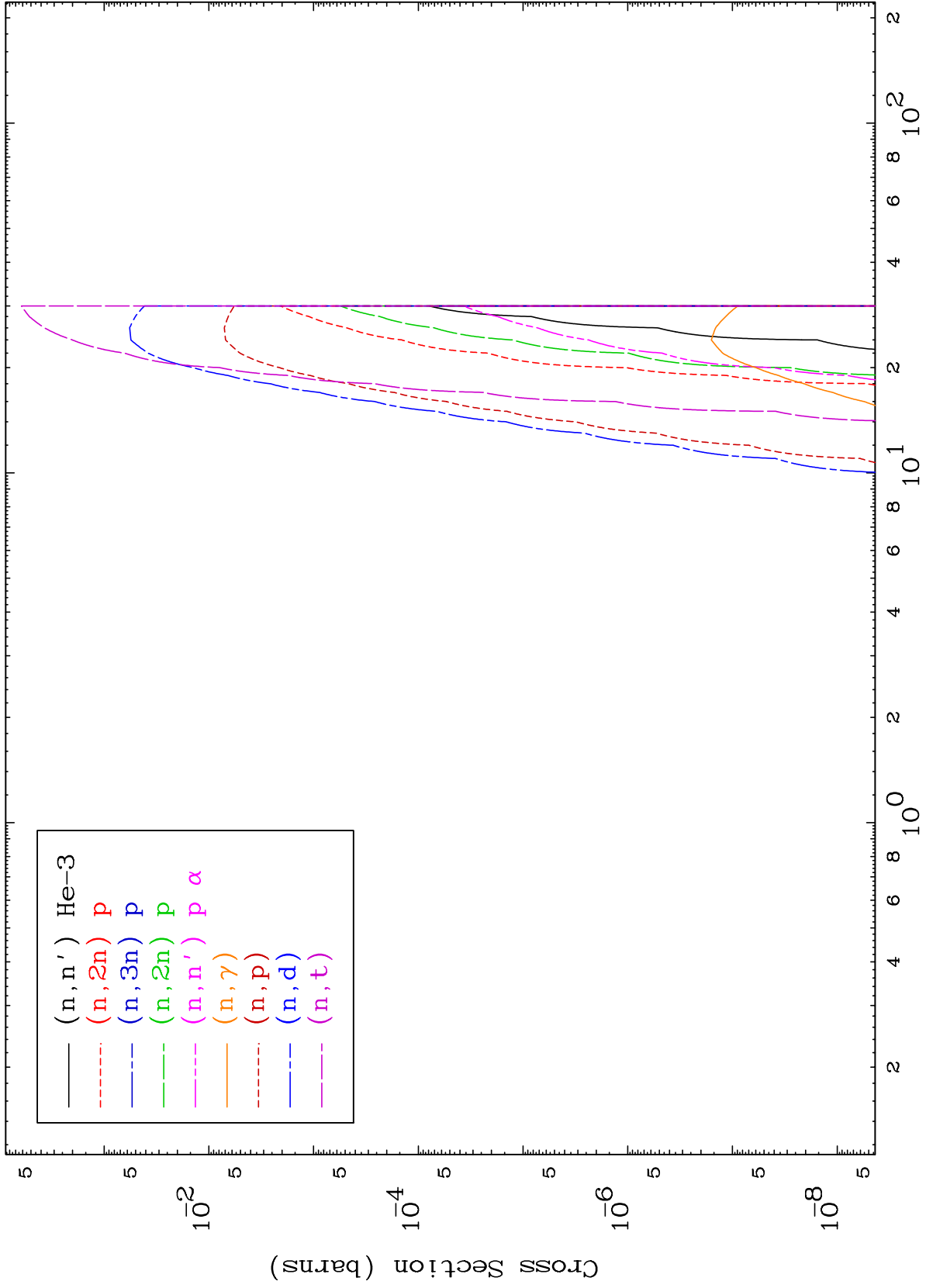
81-Tl-188m



MAT 8081

He-3 Neutron Absorption
0 Kelvin Cross Sections

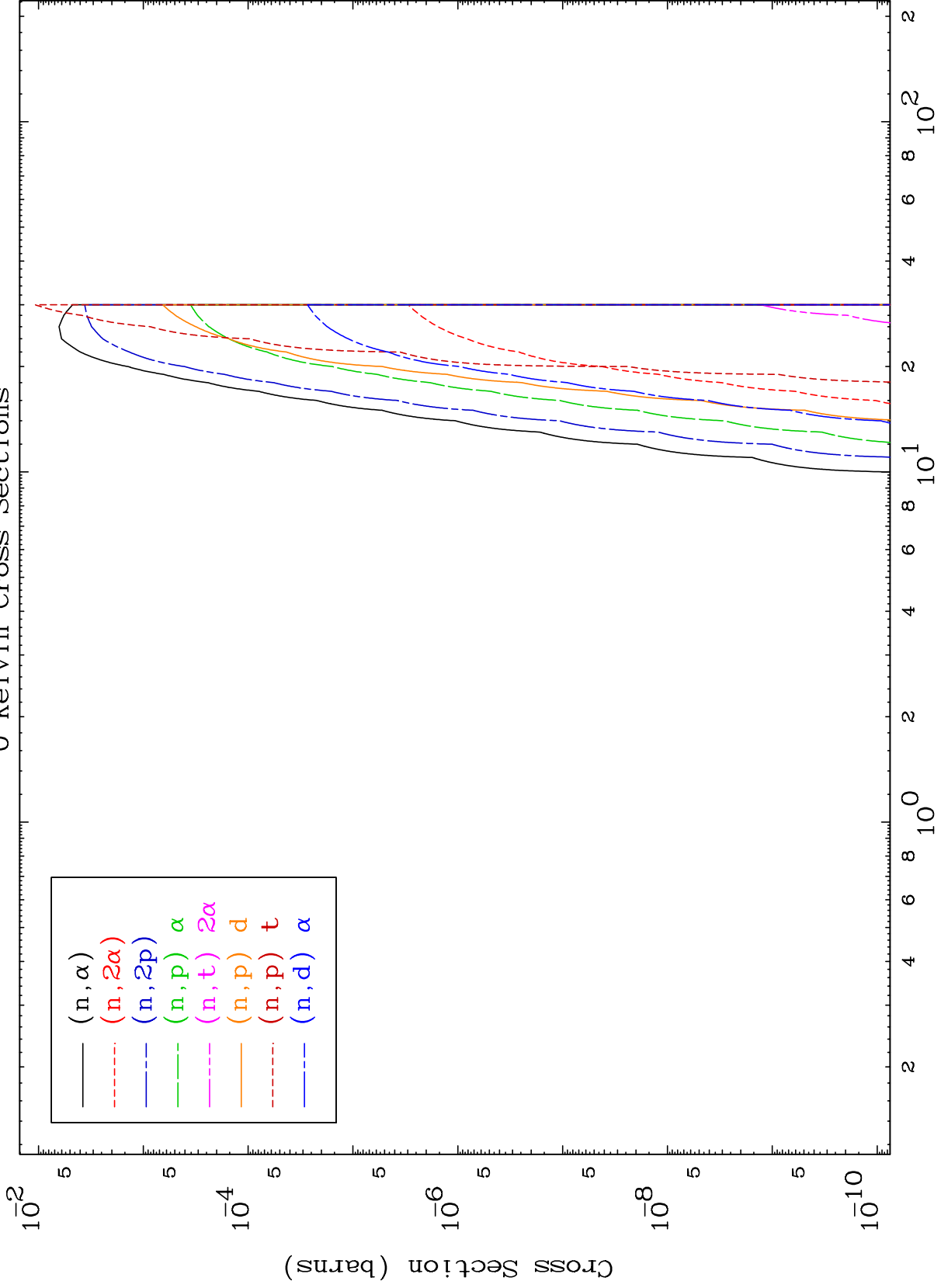
81-TI-188m



MAT 8081

He-3 Neutron Absorption
0 Kelvin Cross Sections

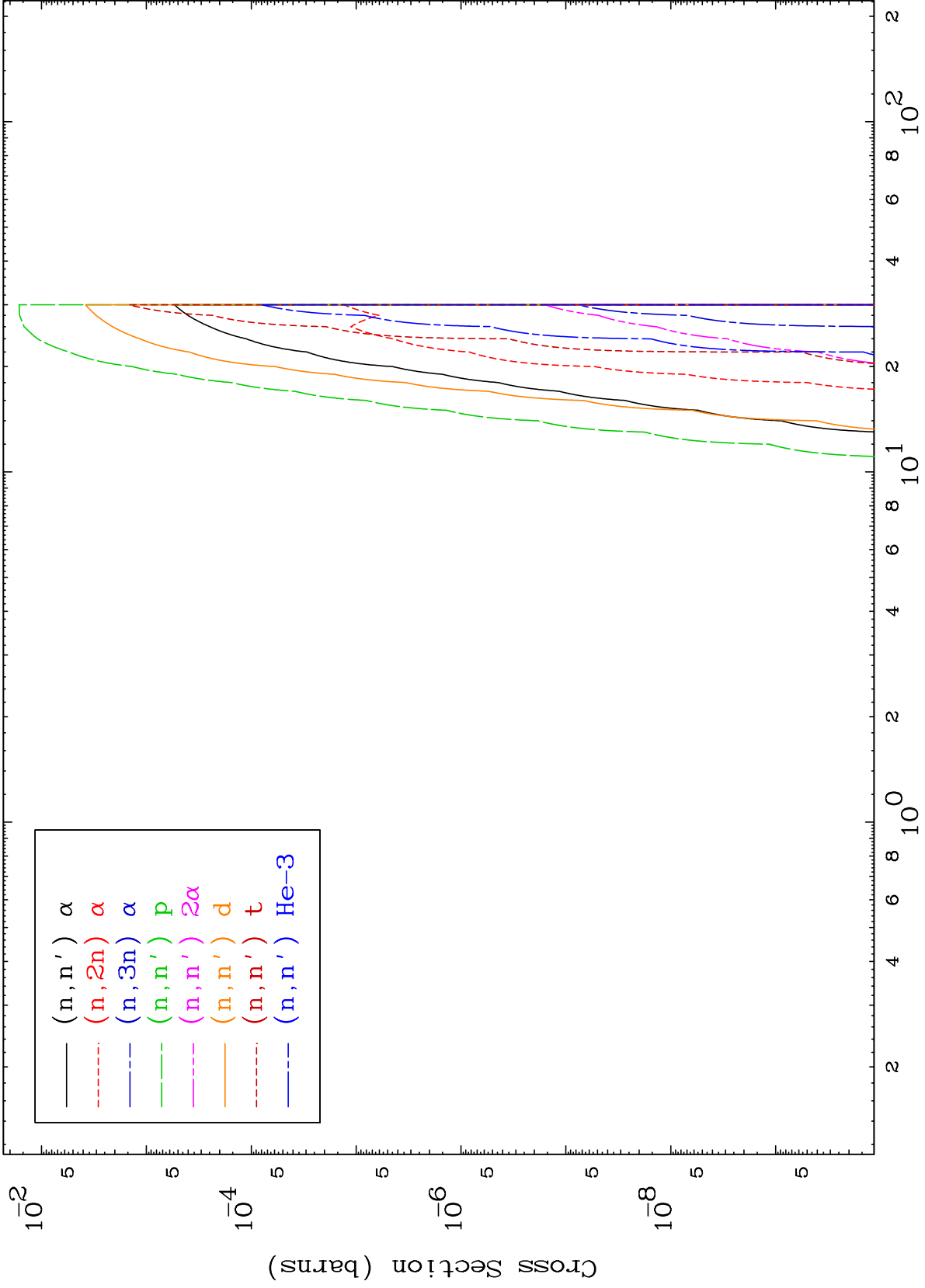
81-TI-188m



MAT 8081

He-3 Charged Particle
0 Kelvin Cross Sections

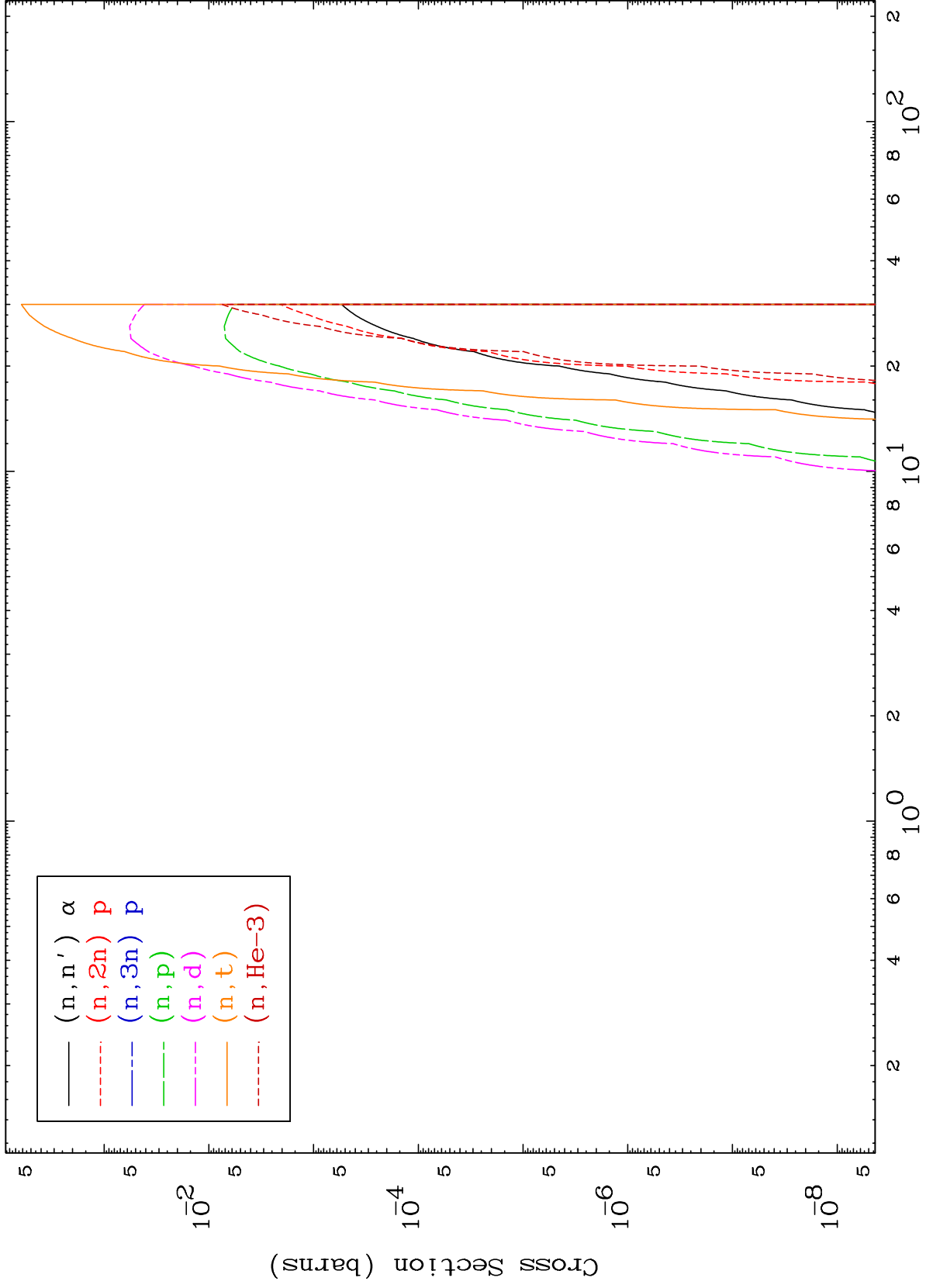
81-Tl-188m



MAT 8081

He-3 Charged Particle
0 Kelvin Cross Sections

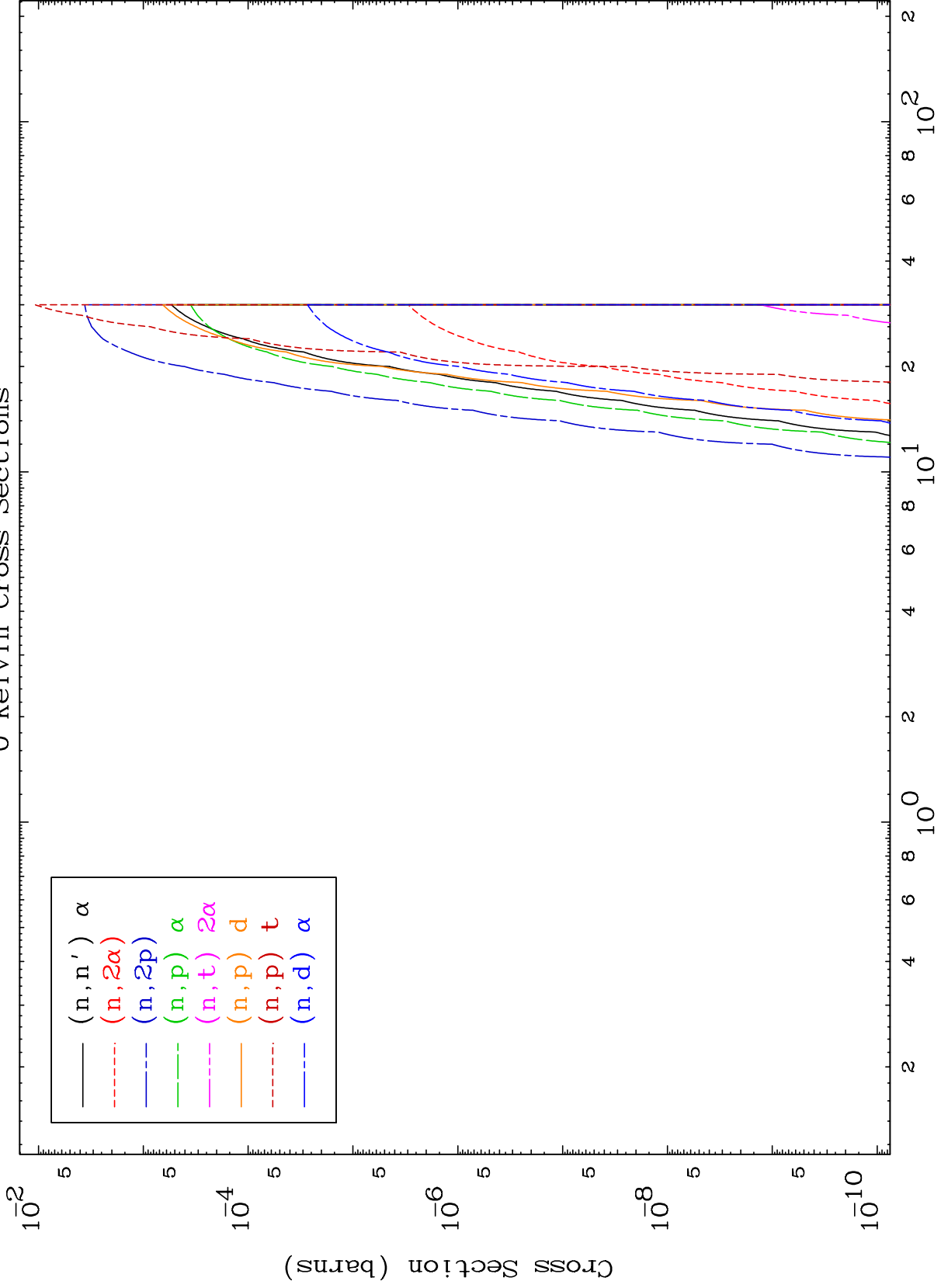
81-Tl-188m



MAT 8081

He-3 Charged Particle
0 Kelvin Cross Sections

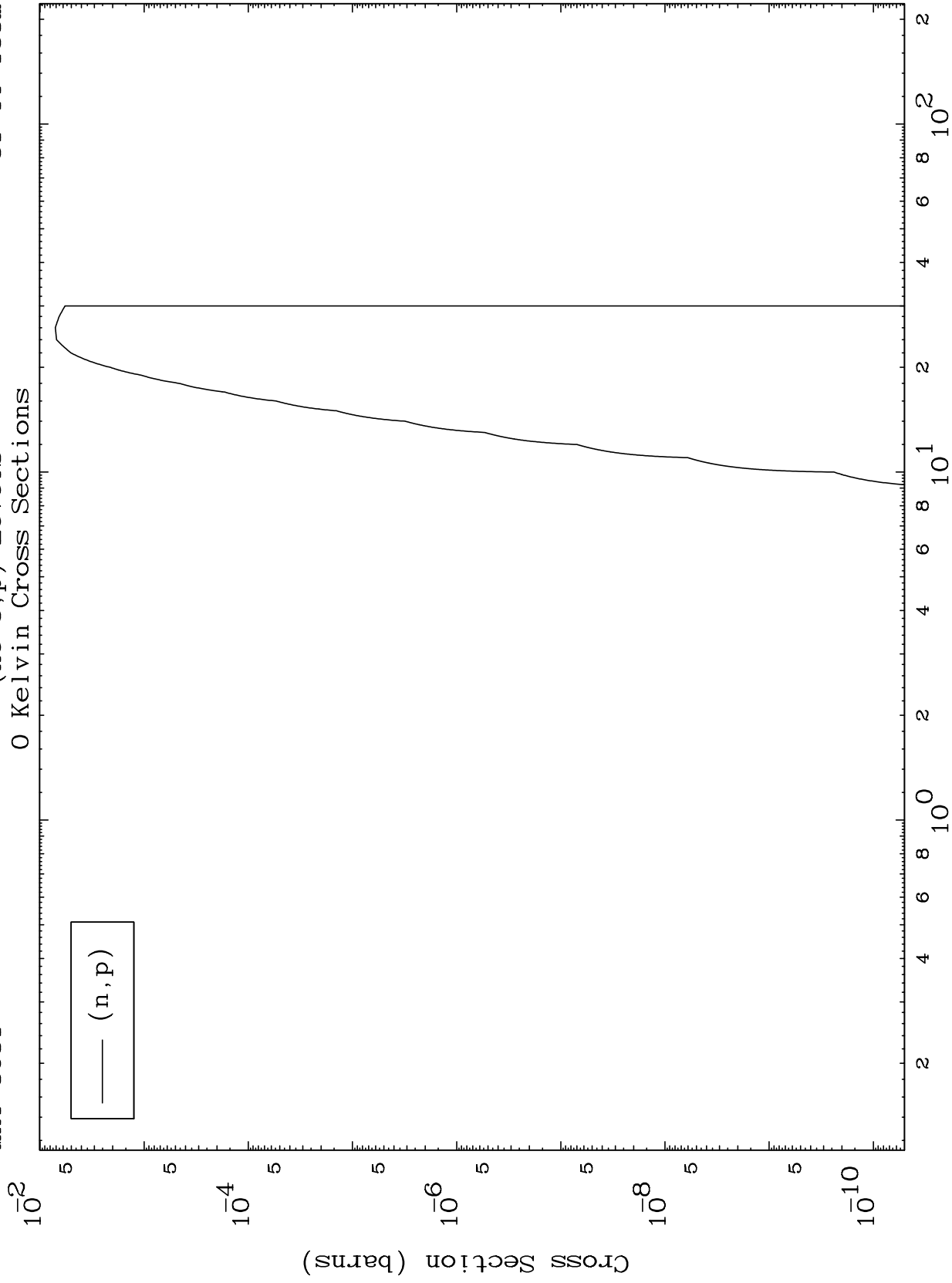
81-Tl-188m



MAT 8081

(He-3,p) Levels

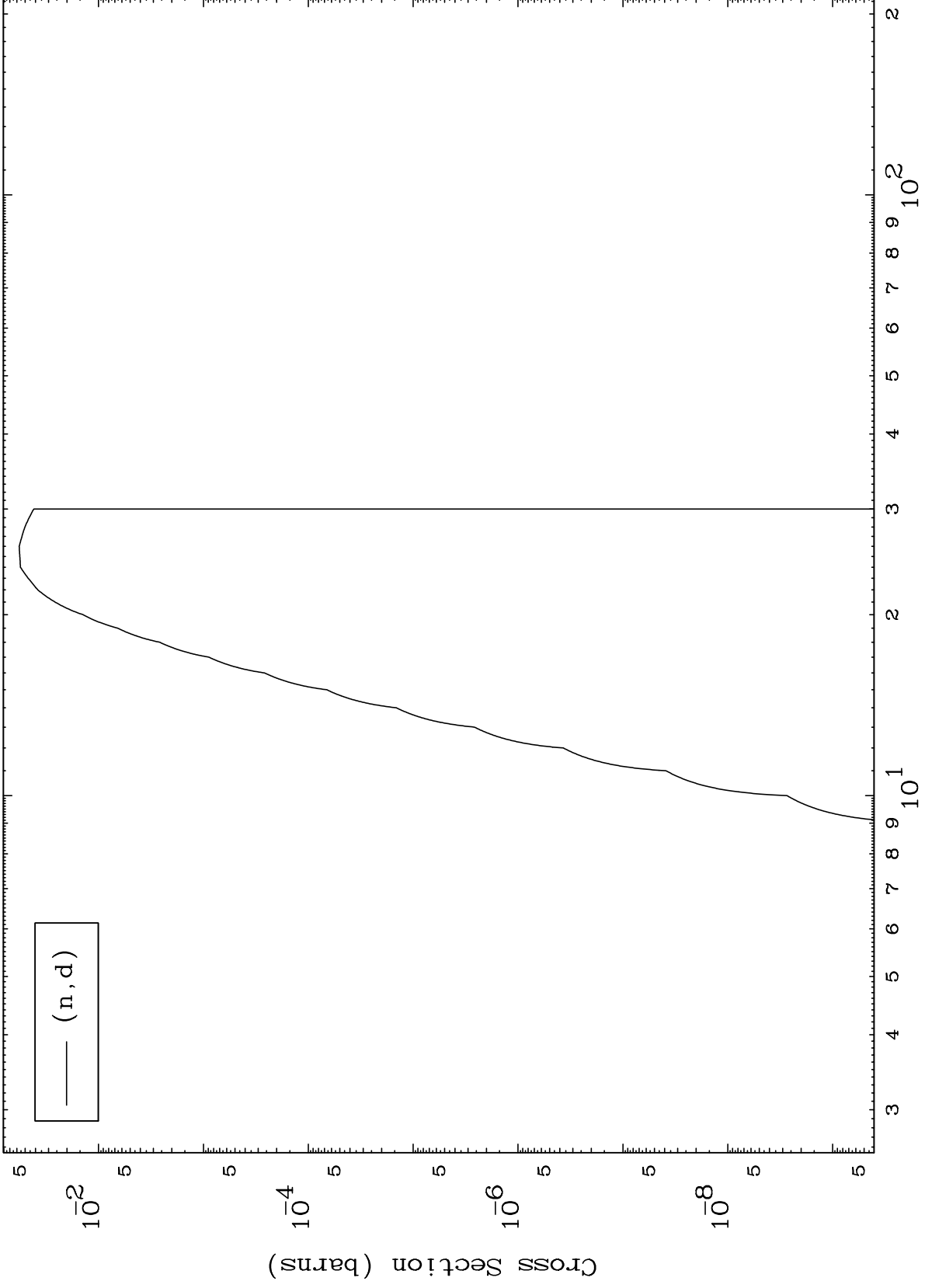
81-Tl-188m



MAT 8081

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

81-Tl-188m



9

Incident Energy (MeV)

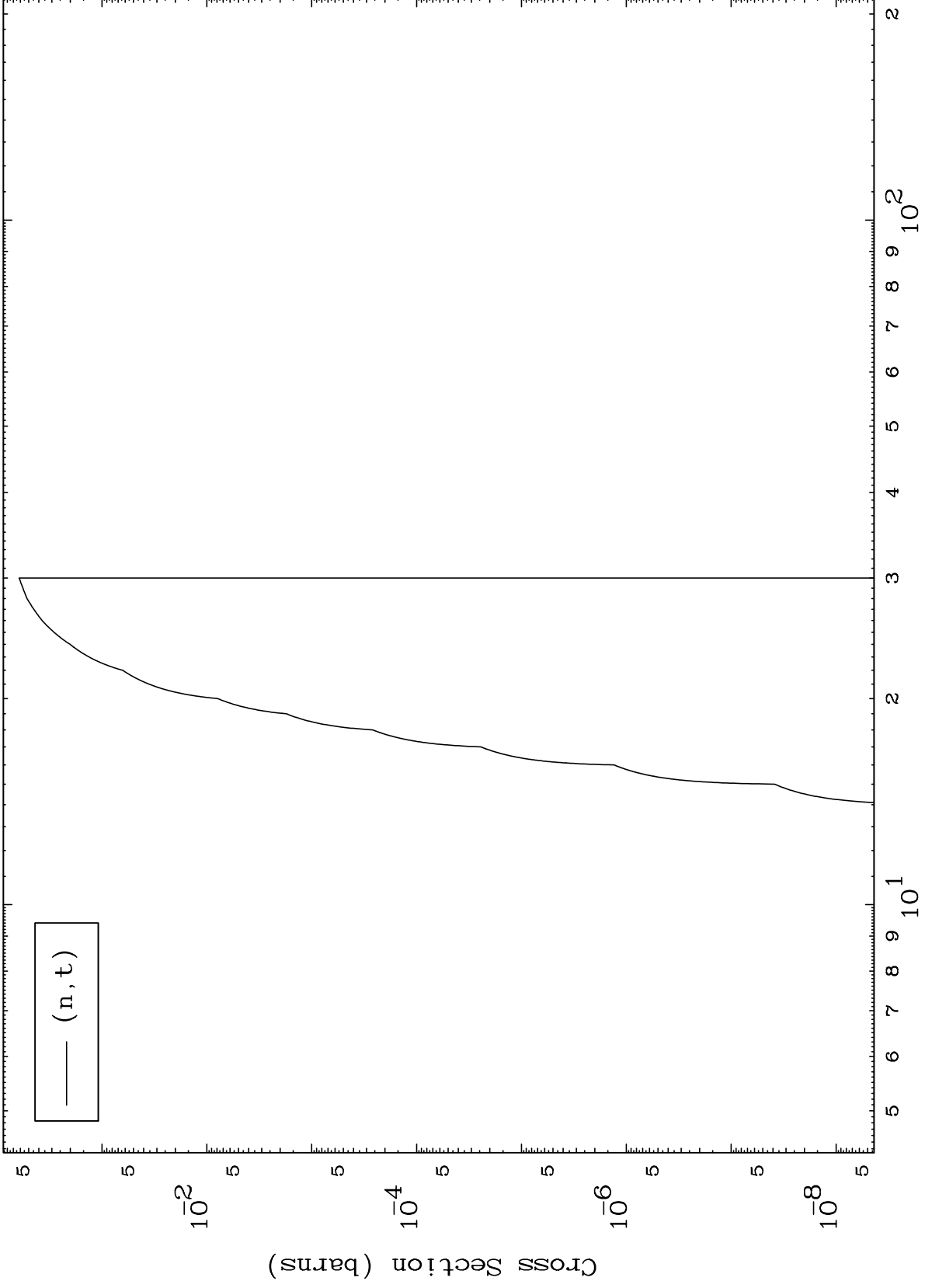
81-Tl-188m

MAT 8081

(He-3,t) Levels

81-Tl-188m

0 Kelvin Cross Sections



10

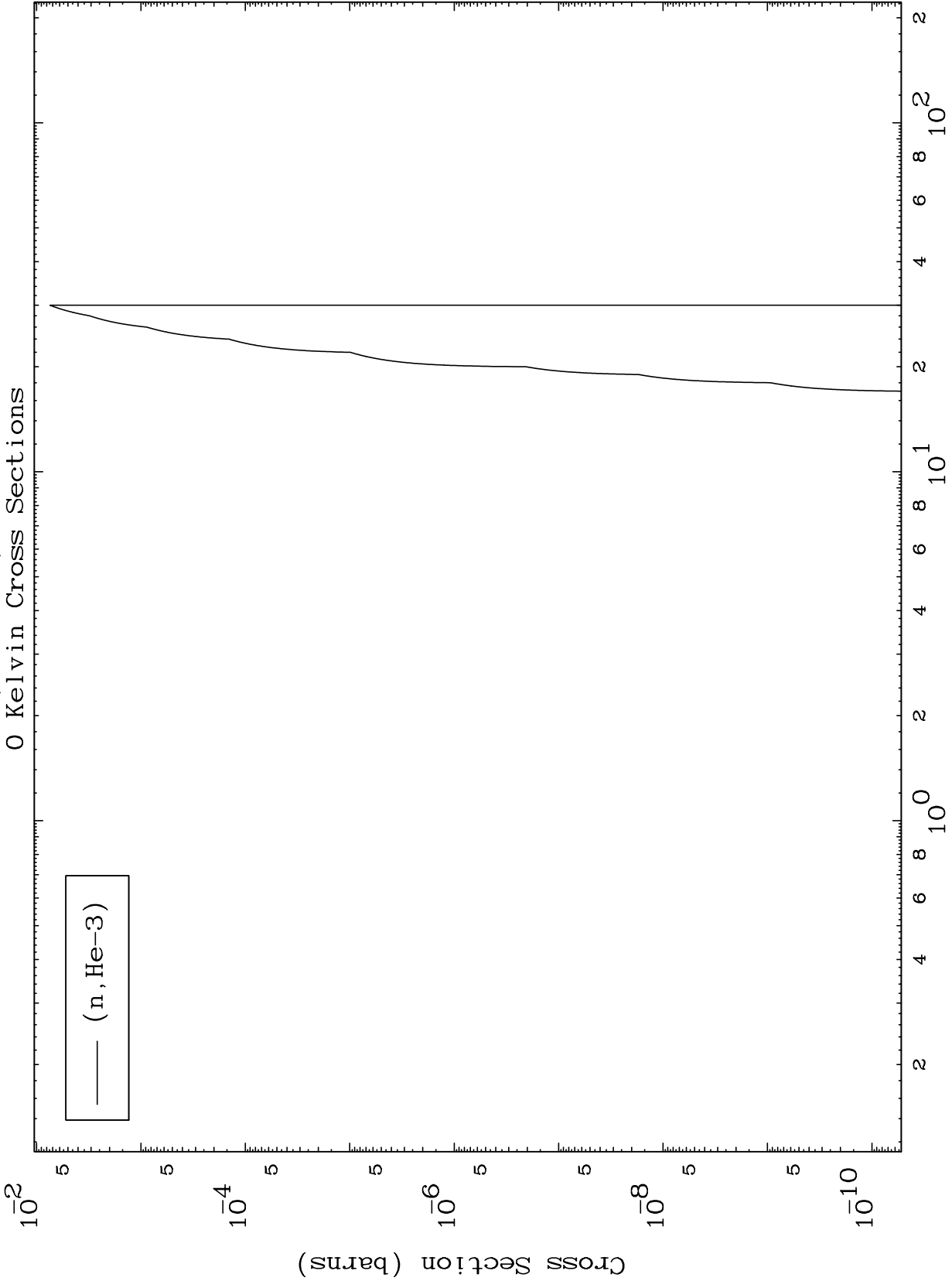
Incident Energy (MeV)

81-Tl-188m

MAT 8081

(He-3, He3) Levels

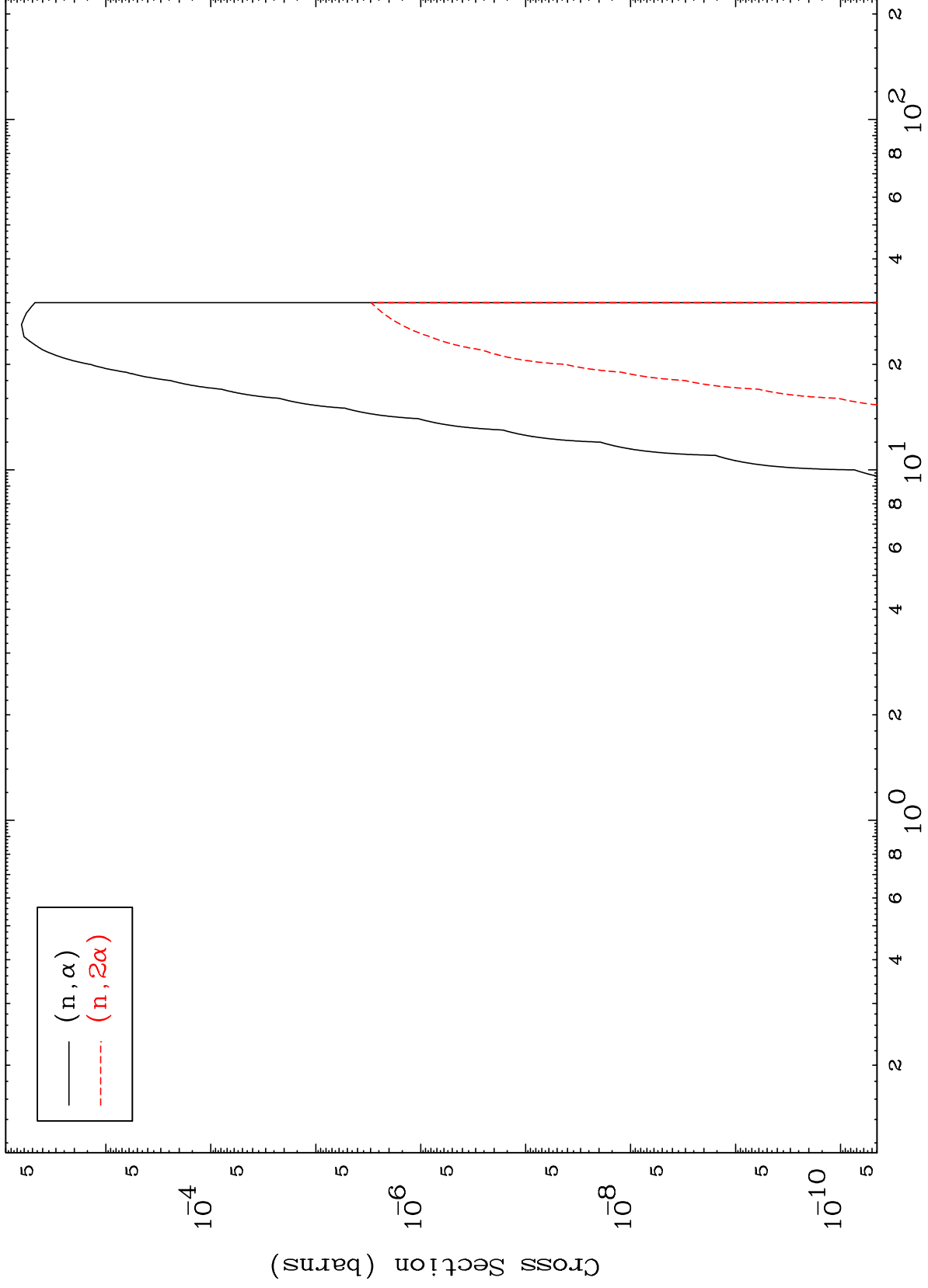
81-Tl-188m



MAT 8081

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

81-Tl-188m



12

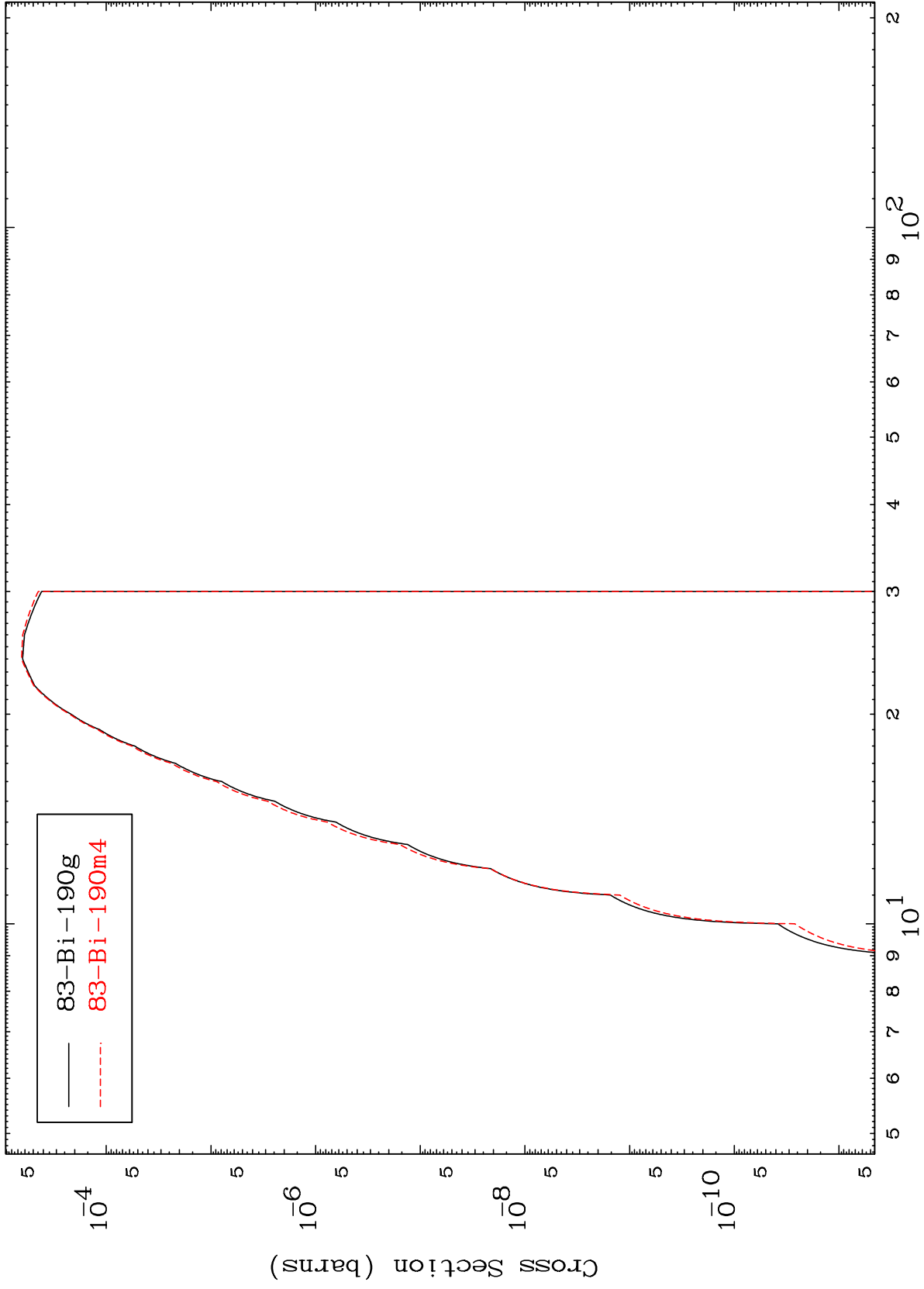
Incident Energy (MeV)

81-Tl-188m

MAT 8081

81-Tl-188m

Inelastic
Radionuclide Production Cross Section



81-Tl-188m

Incident Energy (MeV)

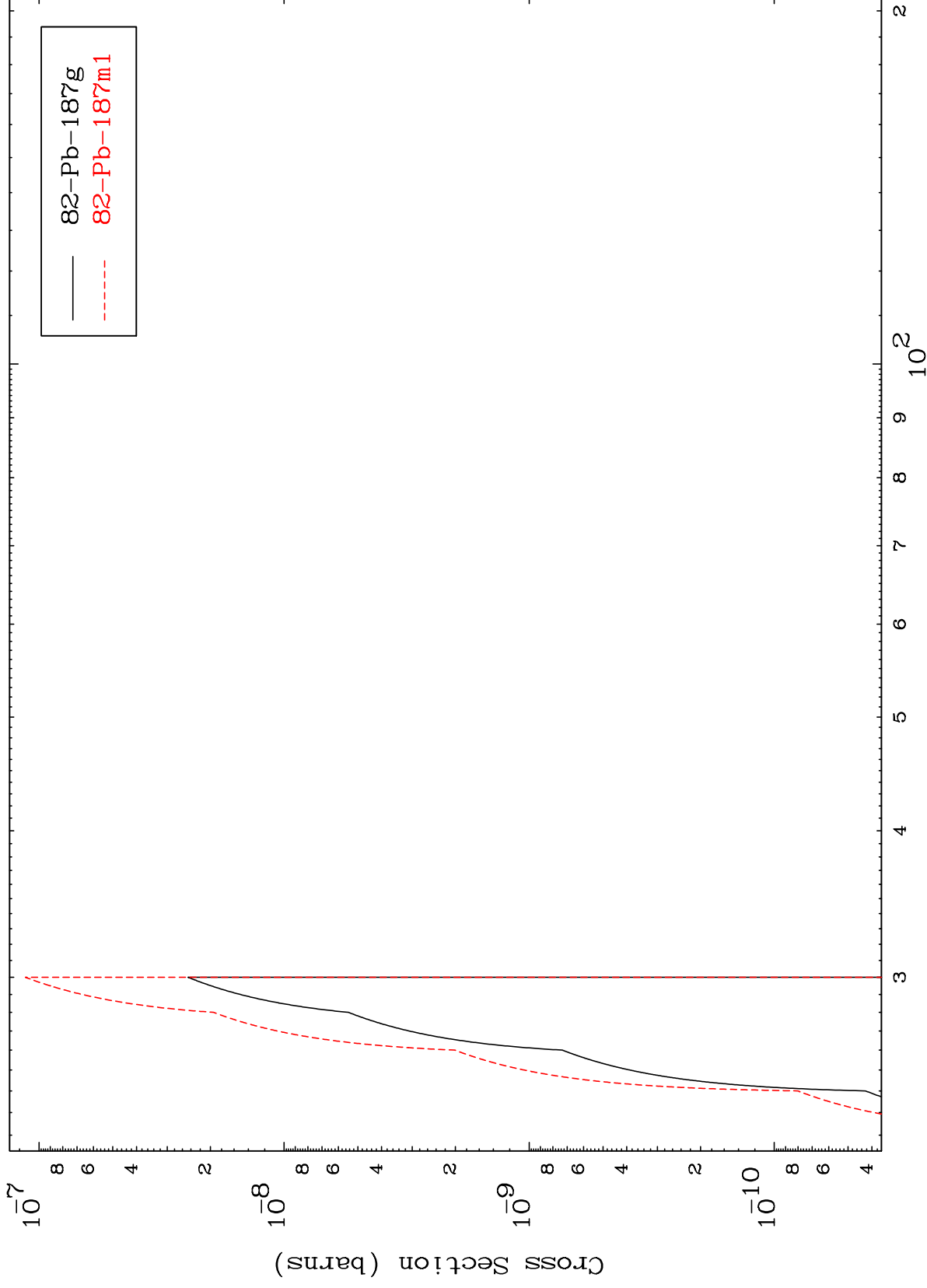
13

MAT 8081

(n,2n) d

81-Tl-188m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

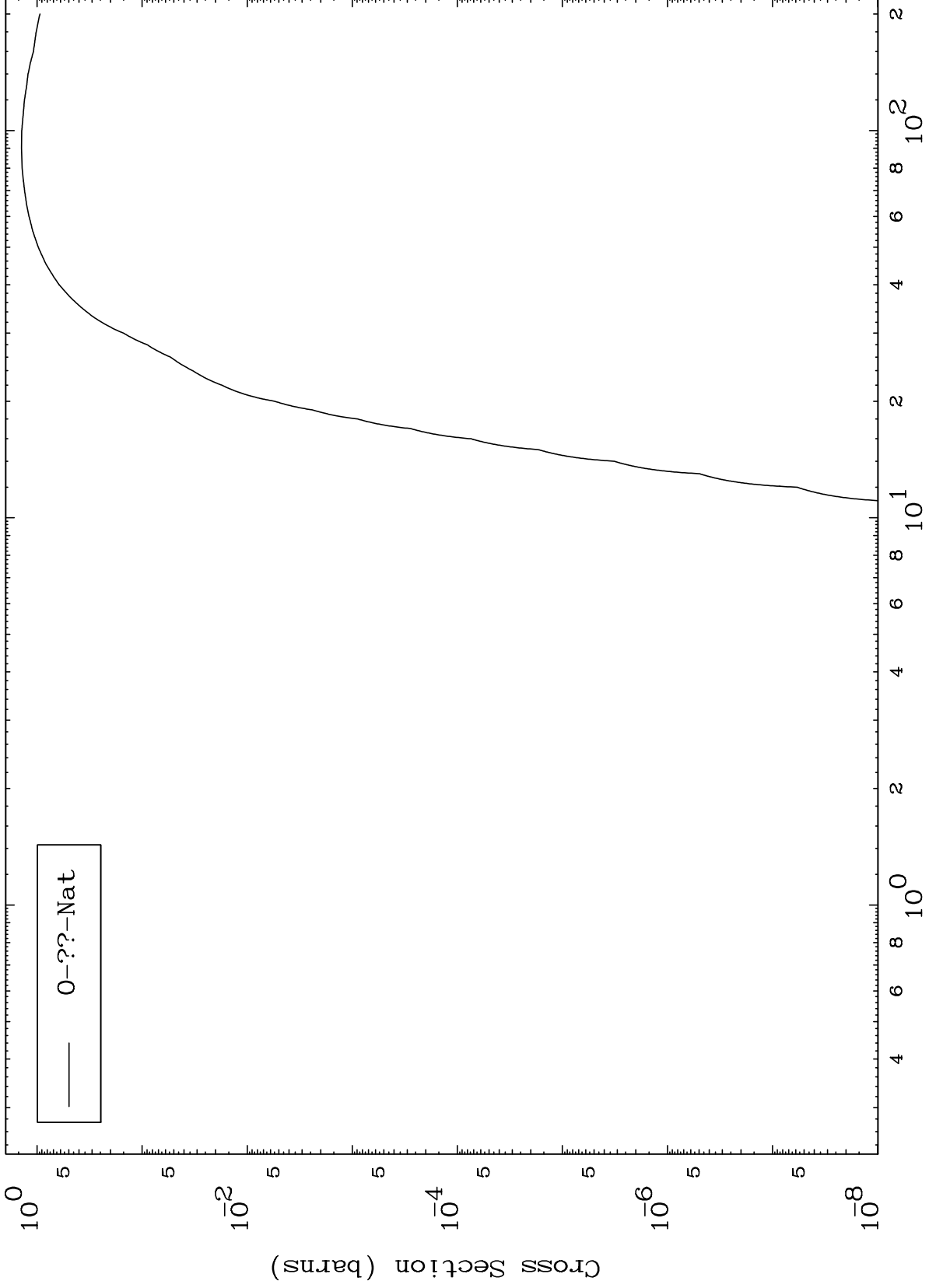
81-Tl-188m

MAT 8081

Fission

81-Tl-188m

Radionuclide Production Cross Section

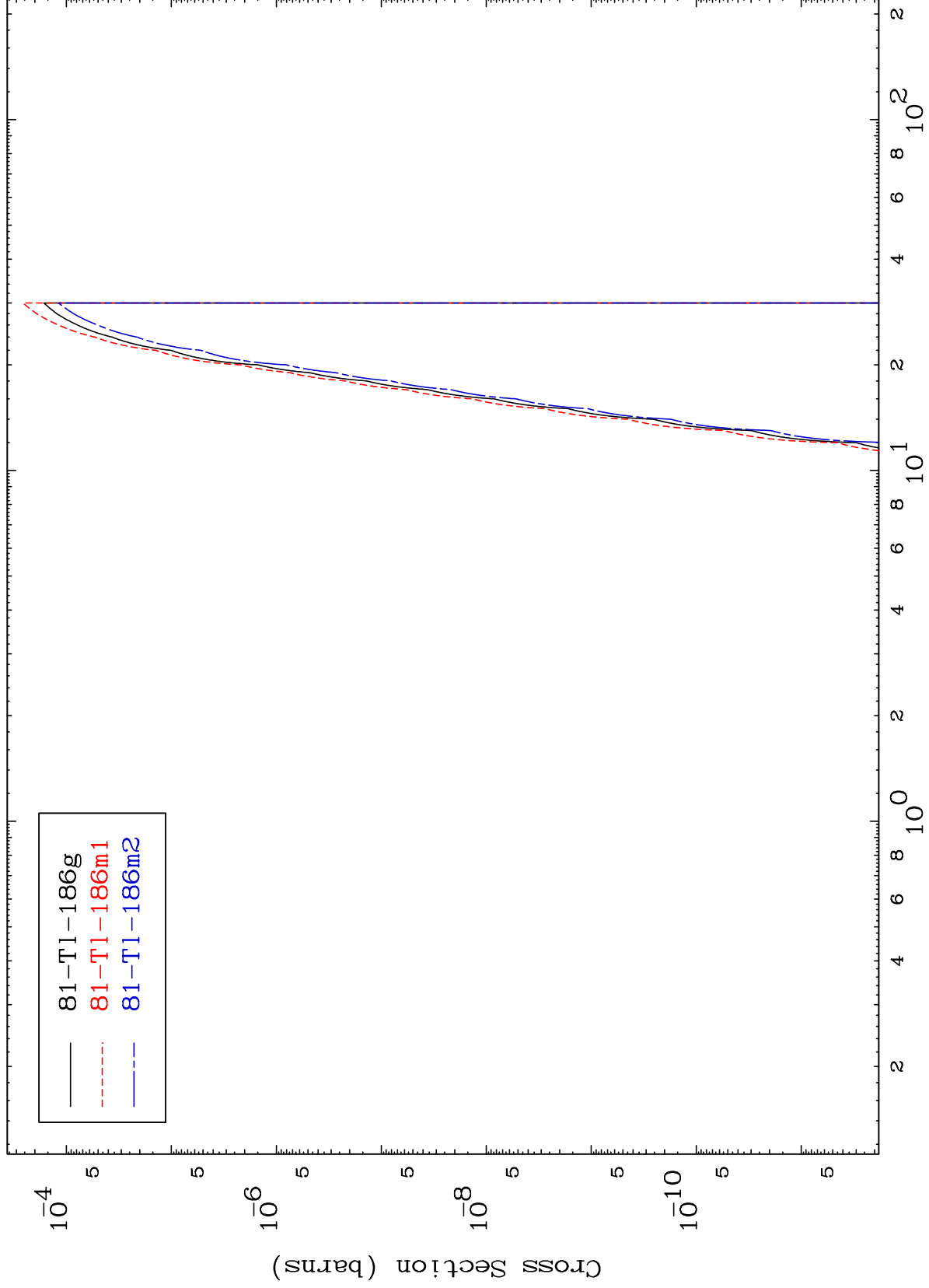


MAT 8081

$(n, n') \alpha$

81-Tl-188m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

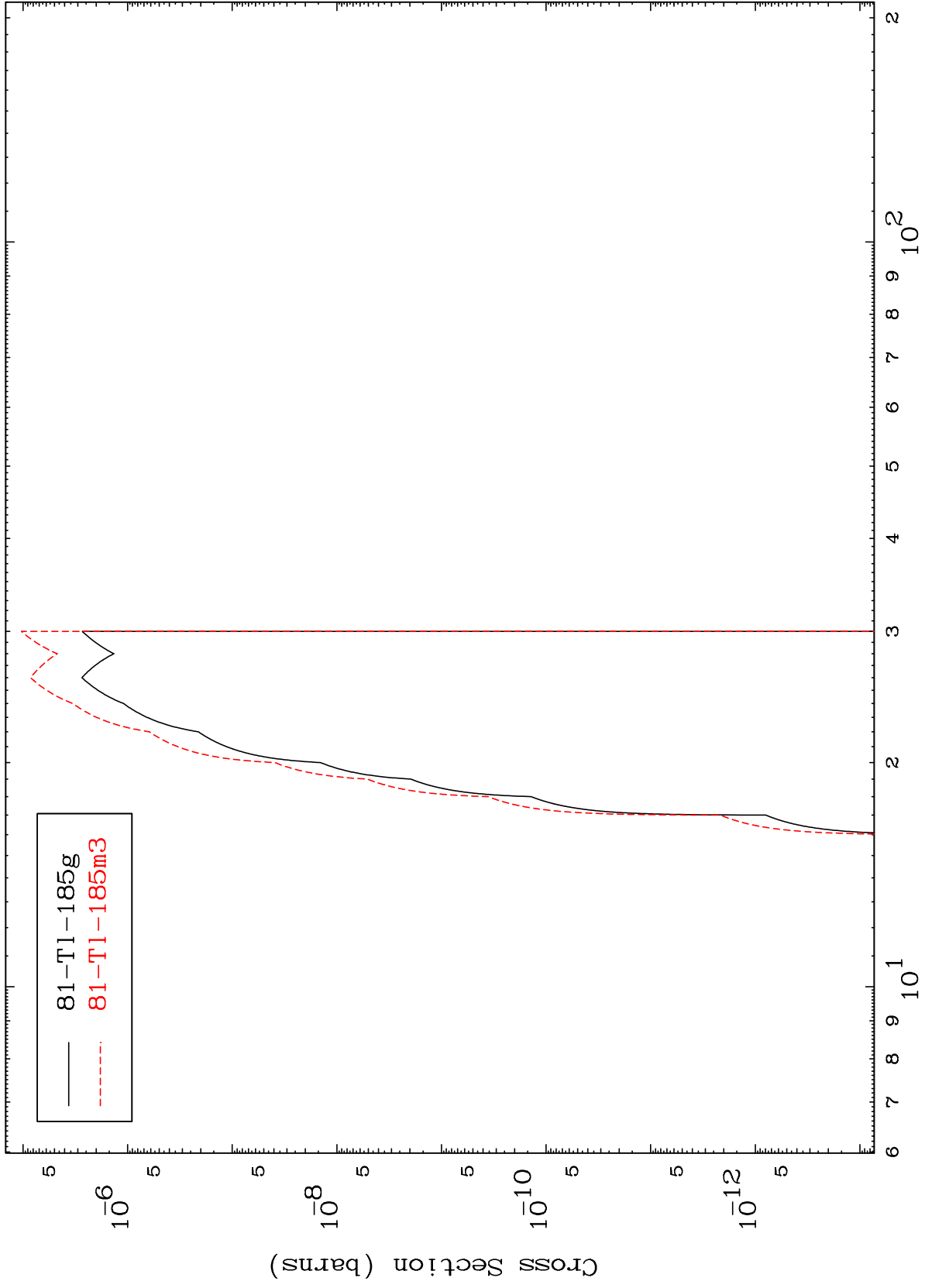
81-Tl-188m

MAT 8081

$(n,2n) \alpha$

81-Tl-188m

Radionuclide Production Cross Section

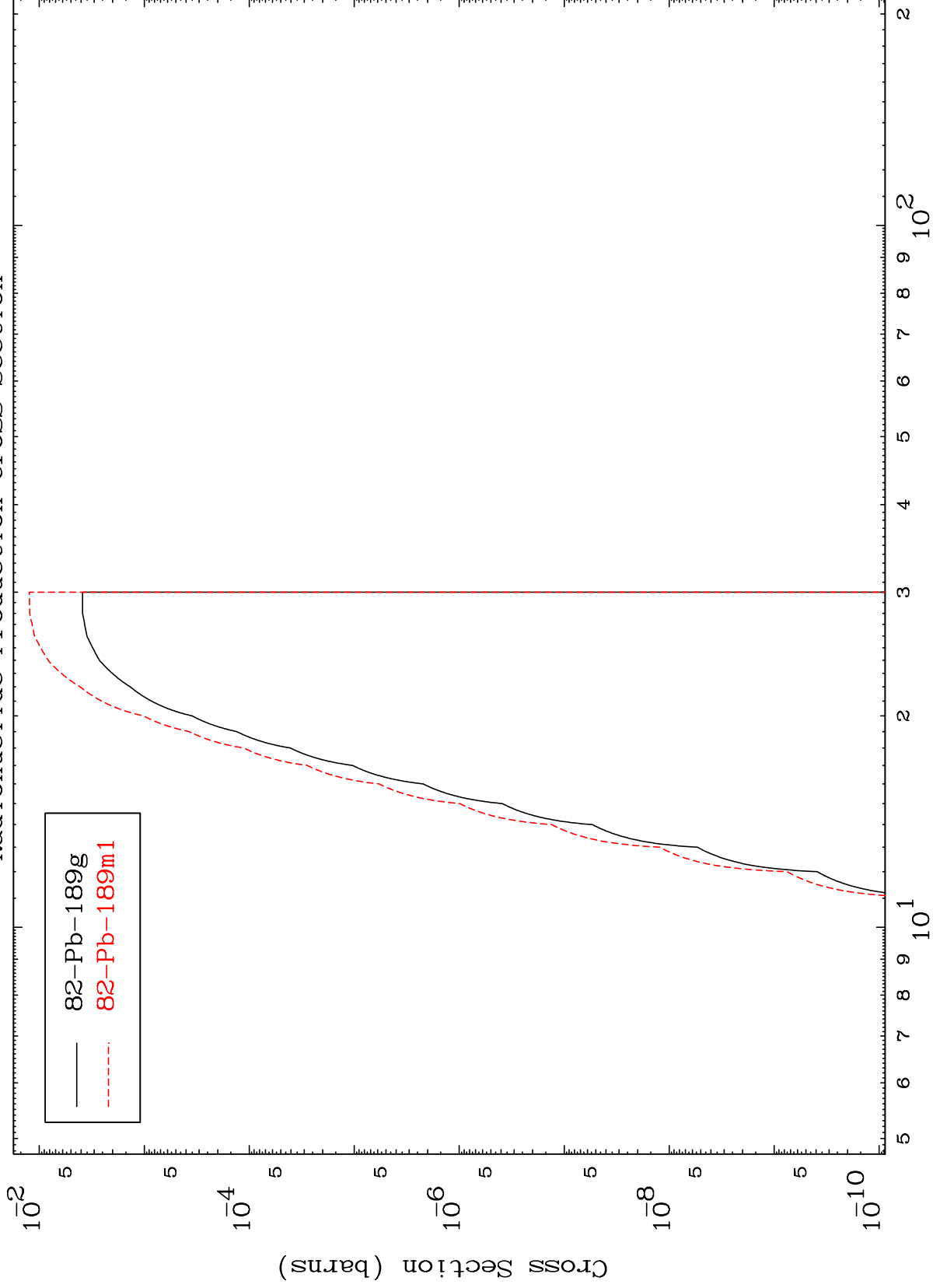


MAT 8081

(n,n') p

81-Tl-188m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

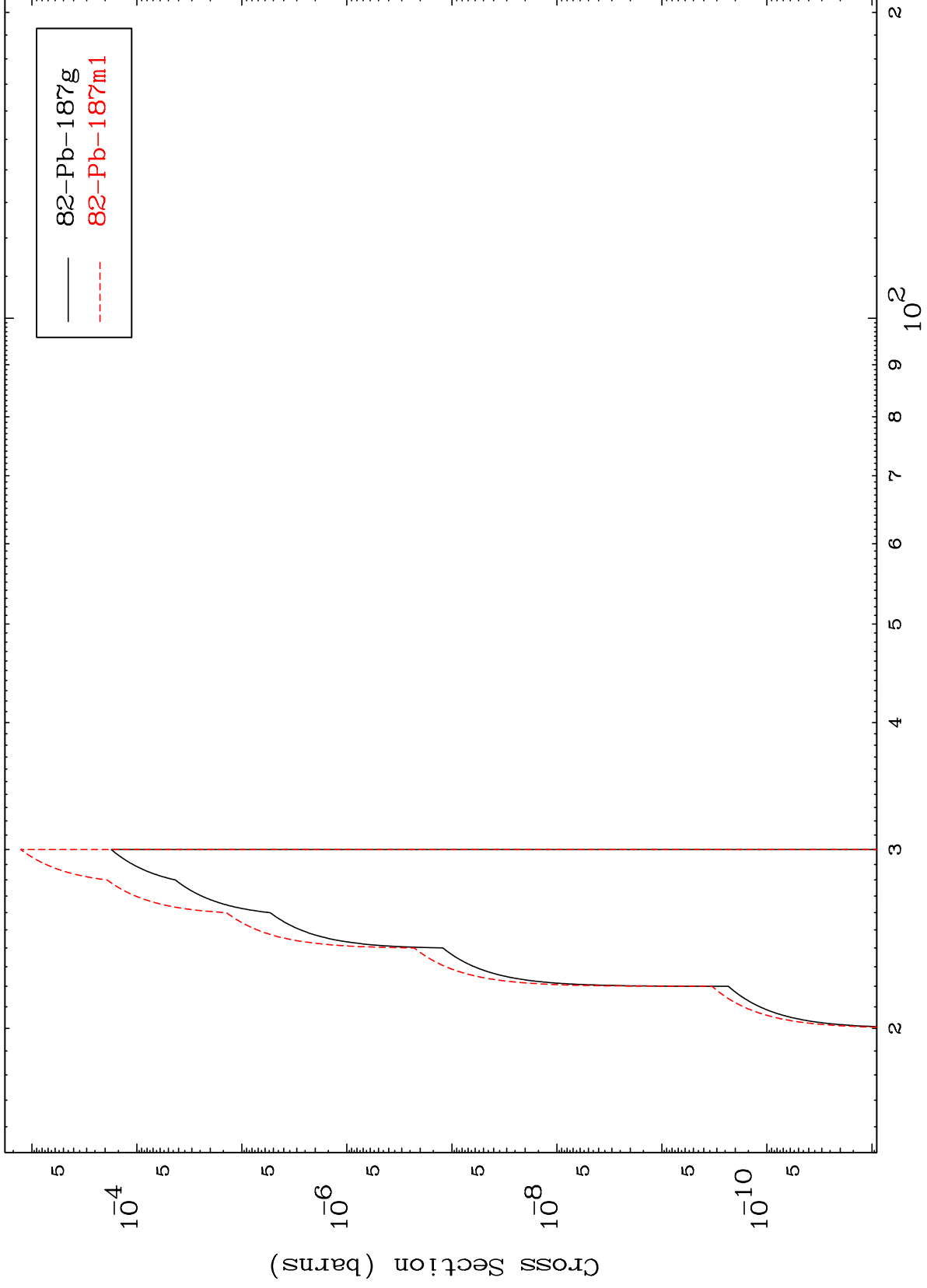
81-Tl-188m

MAT 8081

(n,n') t

81-Tl-188m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

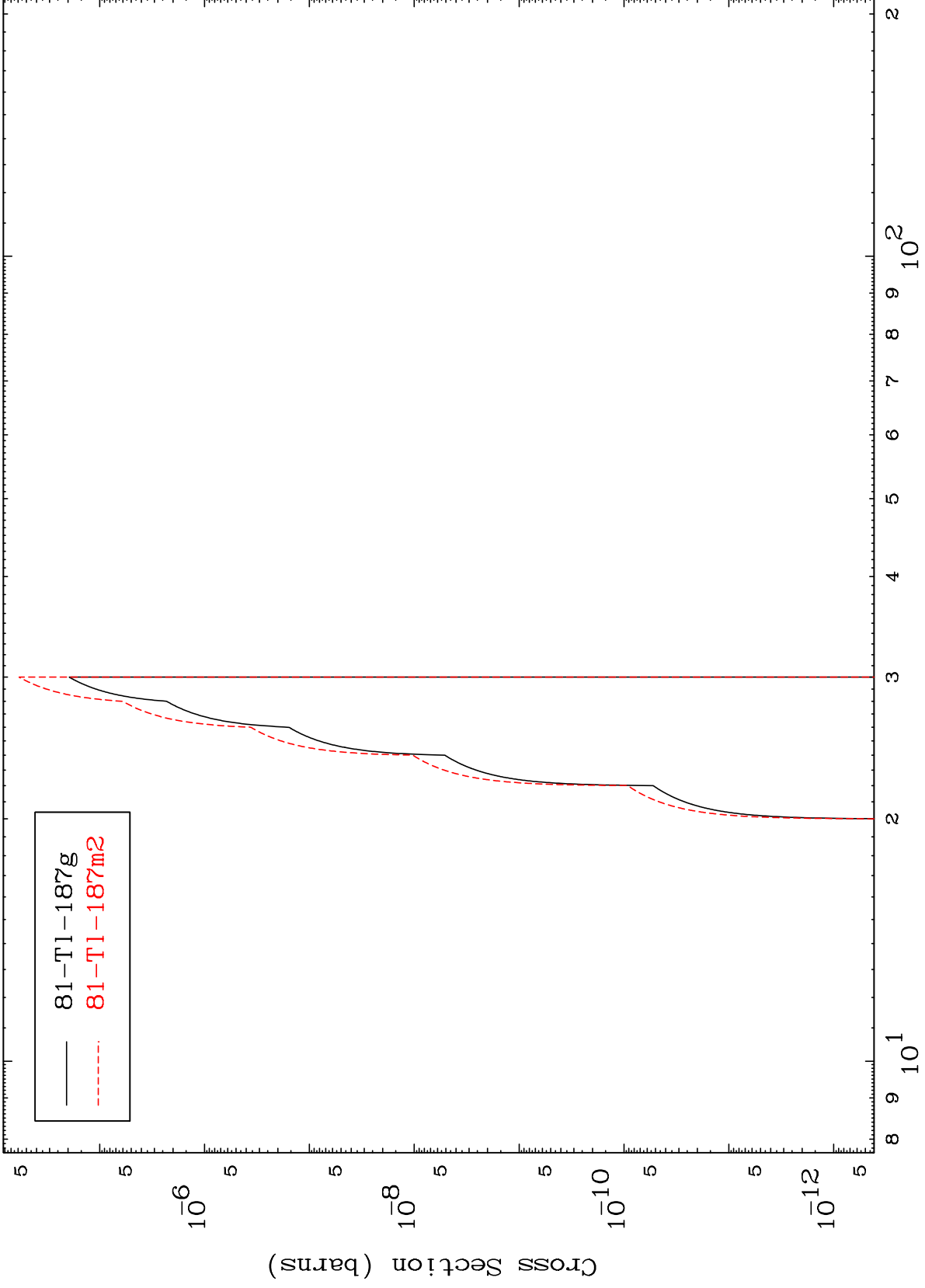
81-Tl-188m

MAT 8081

(n,n') He-3

81-Tl-188m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

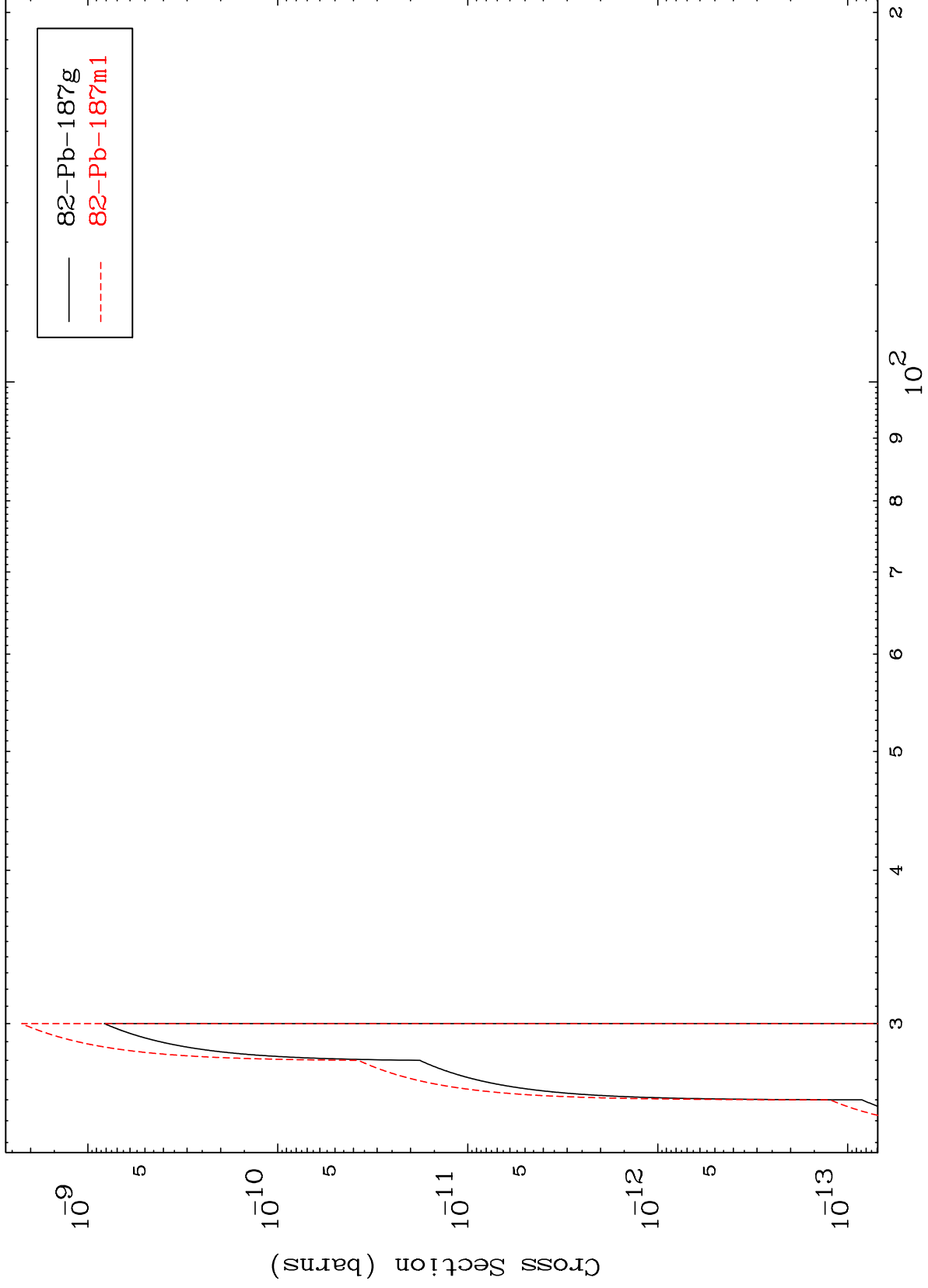
81-Tl-188m

MAT 8081

(n,3n) p

81-Tl-188m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

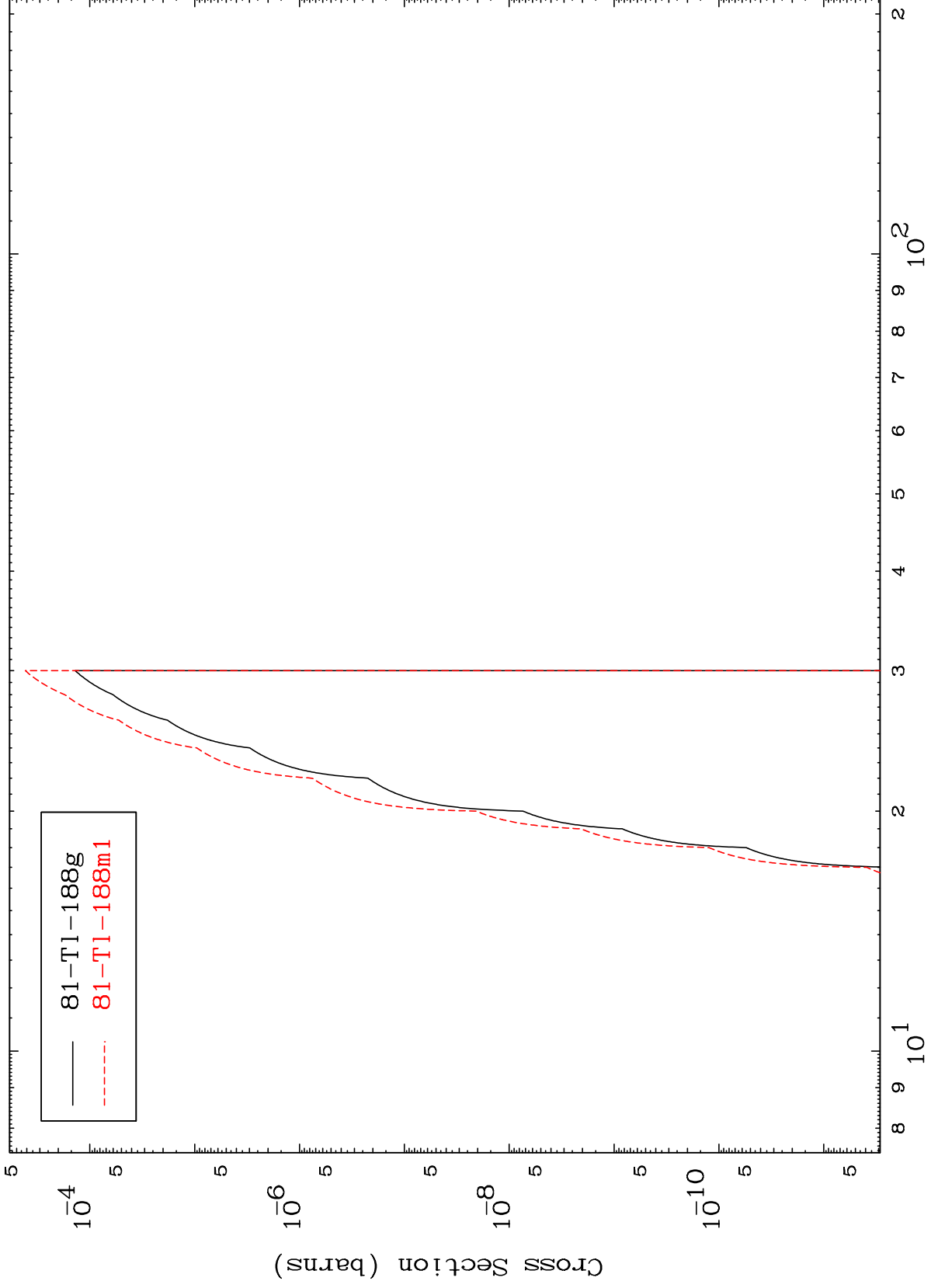
81-Tl-188m

MAT 8081

(n,2n) p

81-Tl-188m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

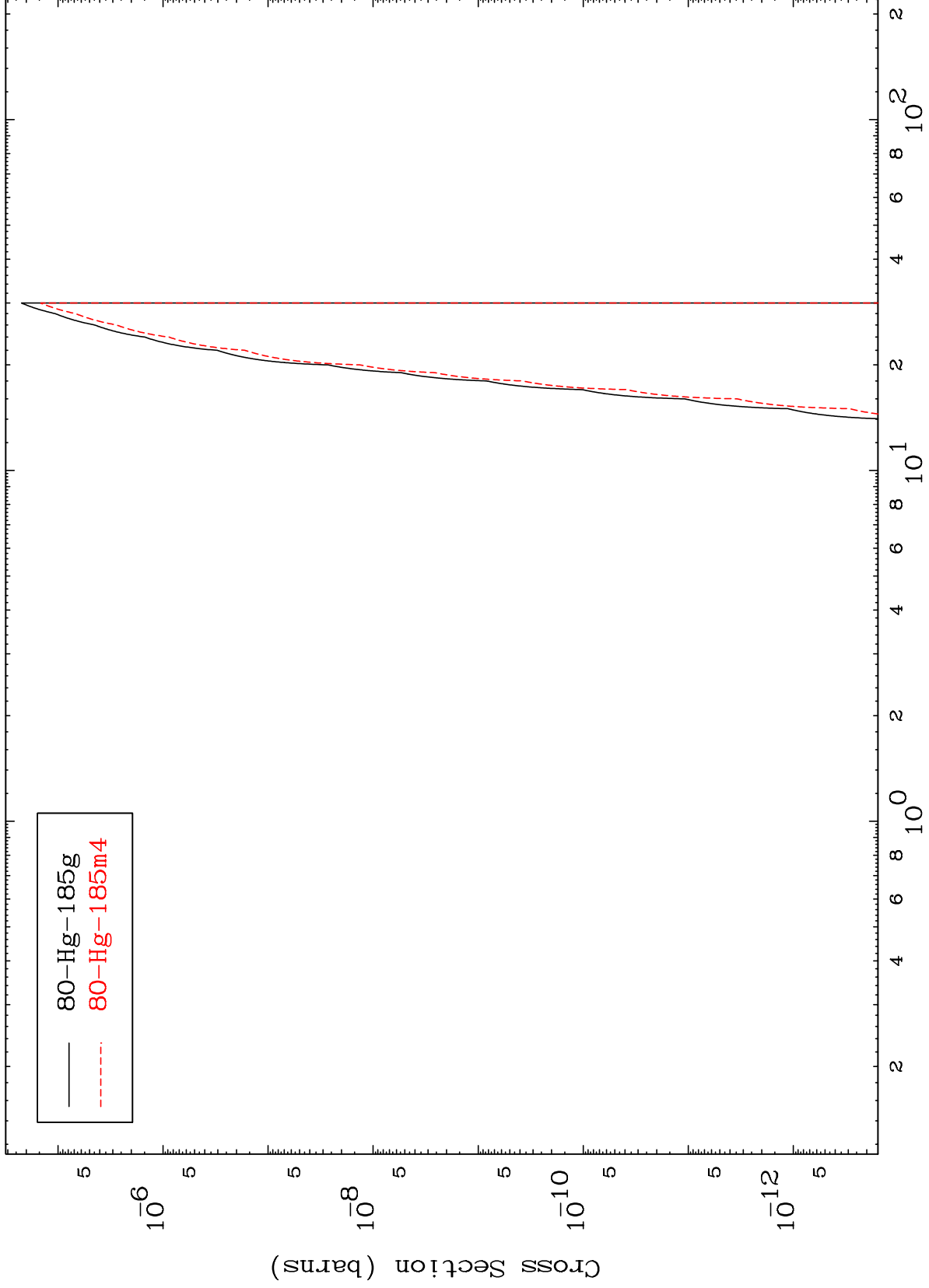
81-Tl-188m

MAT 8081

(n,n') p α

81-Tl-188m

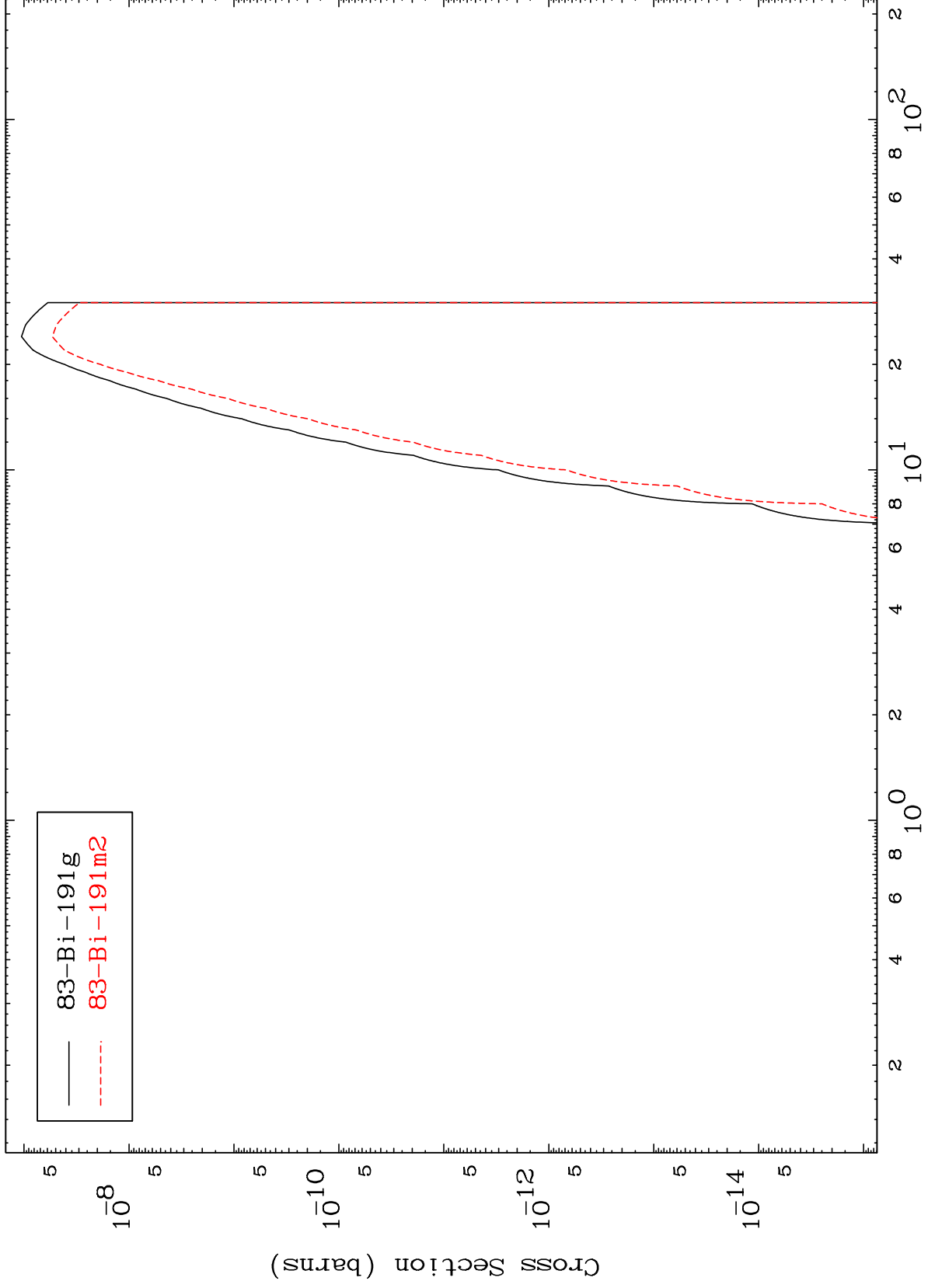
Radionuclide Production Cross Section



MAT 8081

81-Tl-188m

(n,γ)
Radionuclide Production Cross Section



24

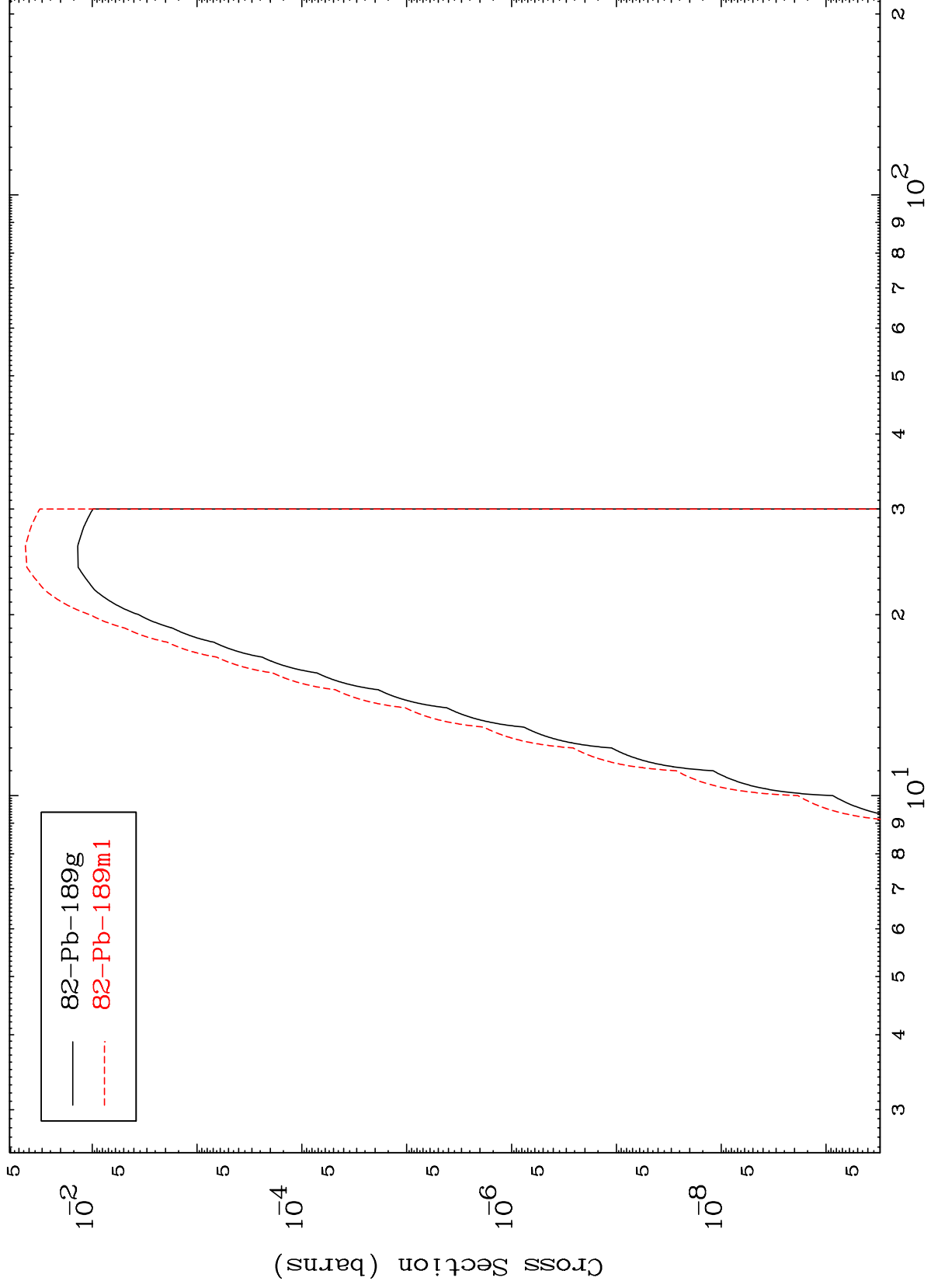
81-Tl-188m

Incident Energy (MeV)

MAT 8081

81-Tl-188m

(n,d)
Radionuclide Production Cross Section



— 82-Pb-189g
- - - 82-Pb-189m1

25

Incident Energy (MeV)

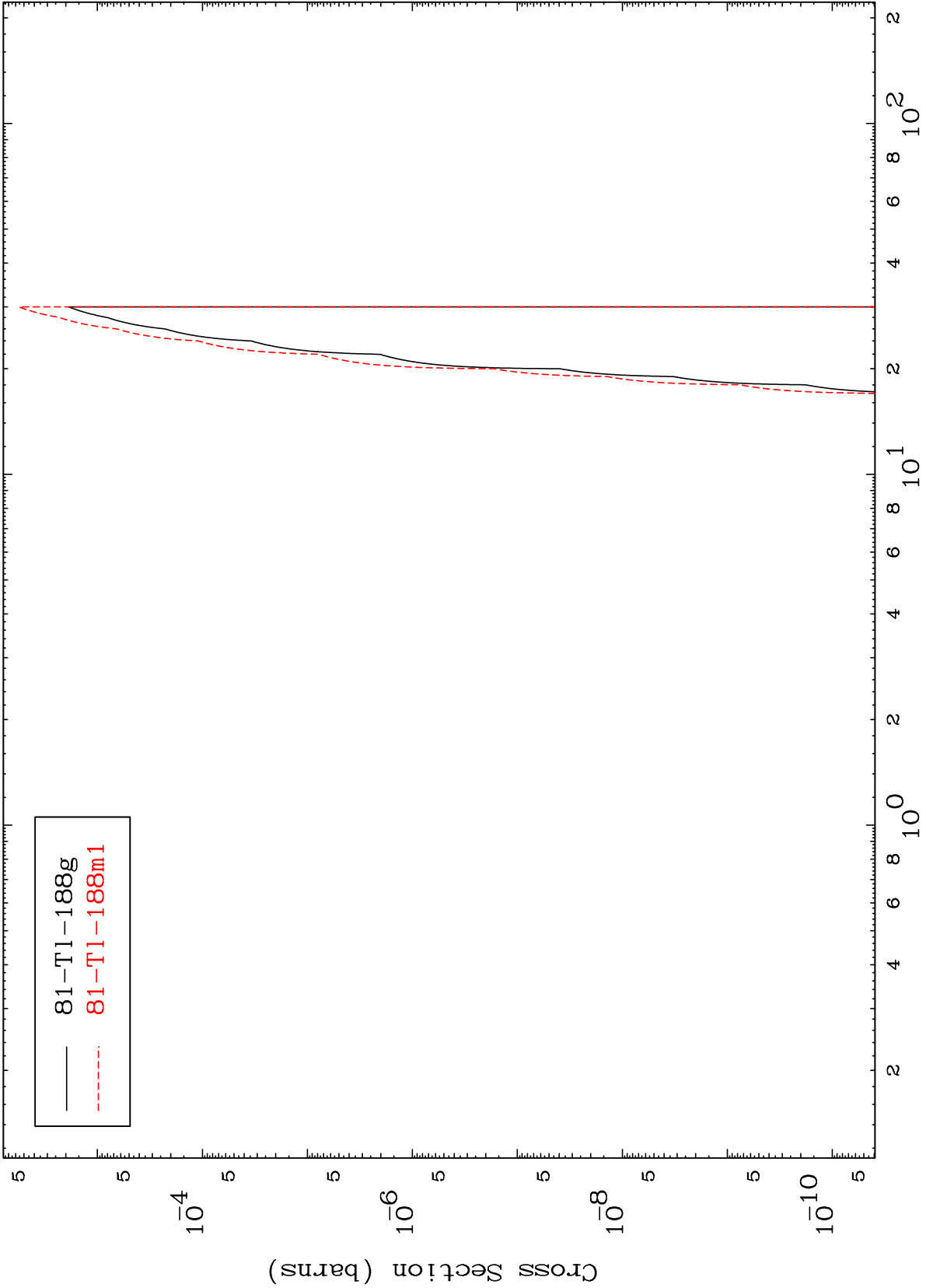
81-Tl-188m

MAT 8081

(n,He-3)

81-Tl-188m

Radionuclide Production Cross Section

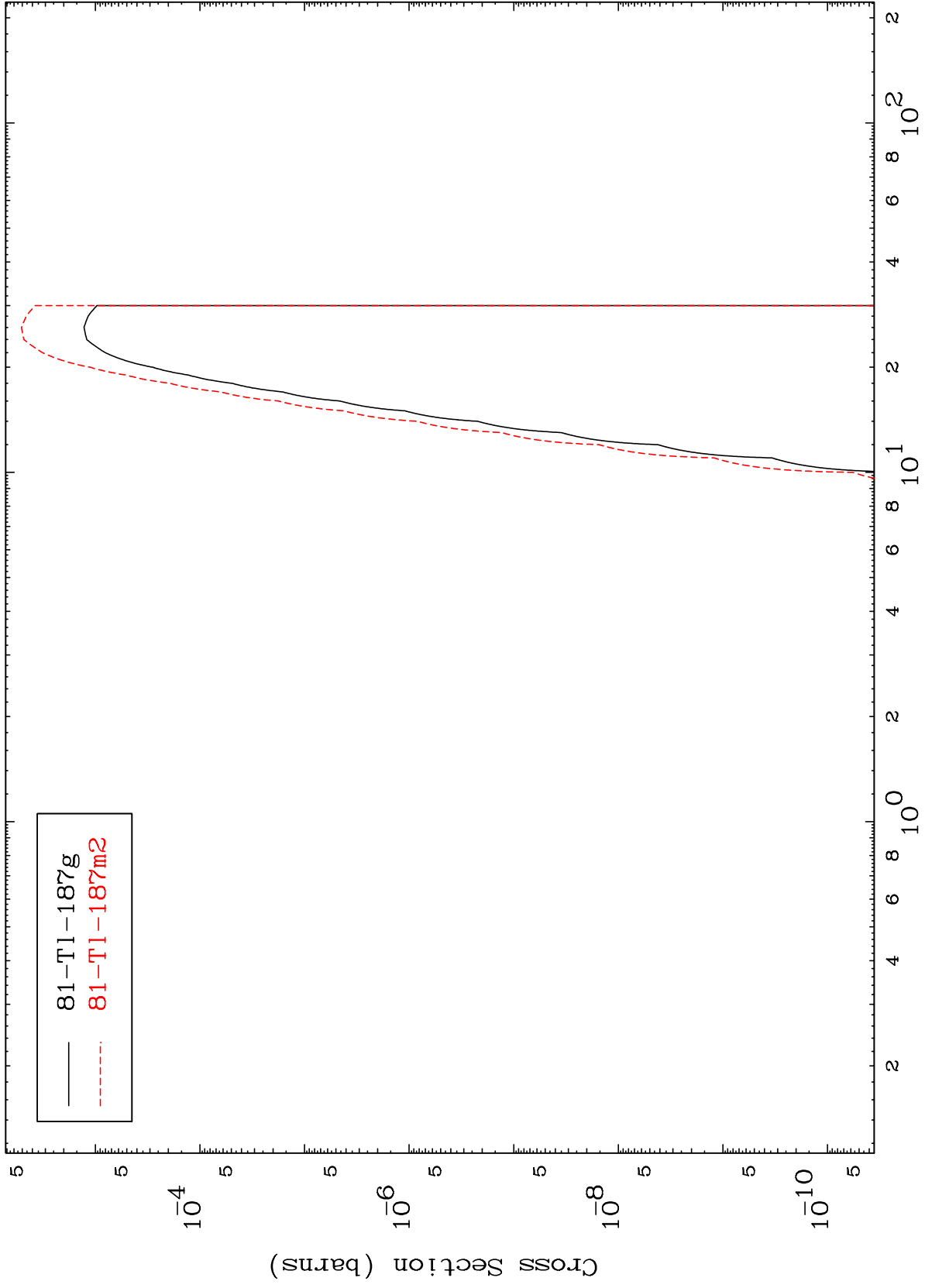


81-Tl-188g
81-Tl-188m1

MAT 8081

81-Tl-188m

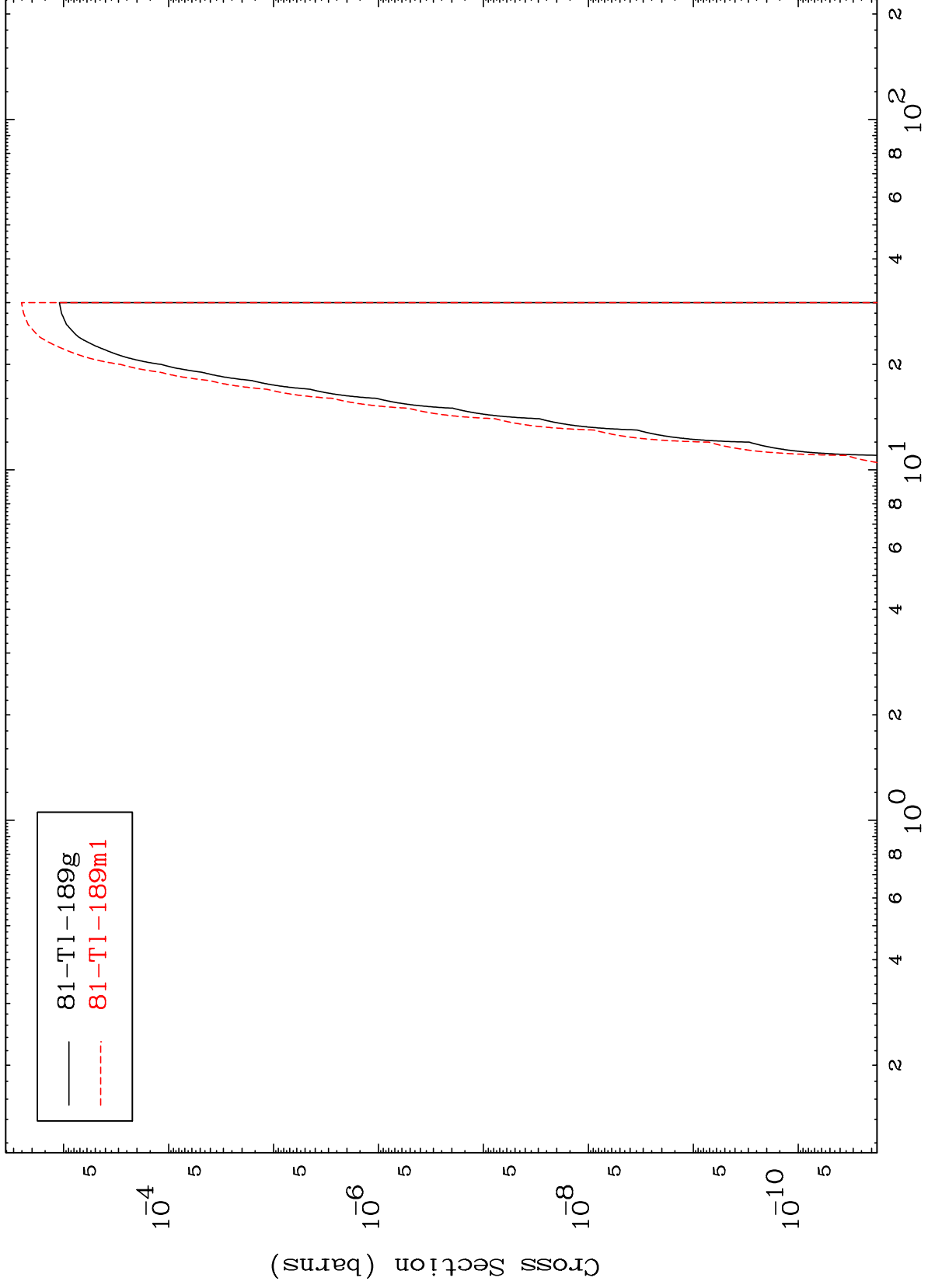
Radionuclide Production Cross Section



MAT 8081

81-Tl-188m

Radionuclide Production Cross Section
(n,2p)

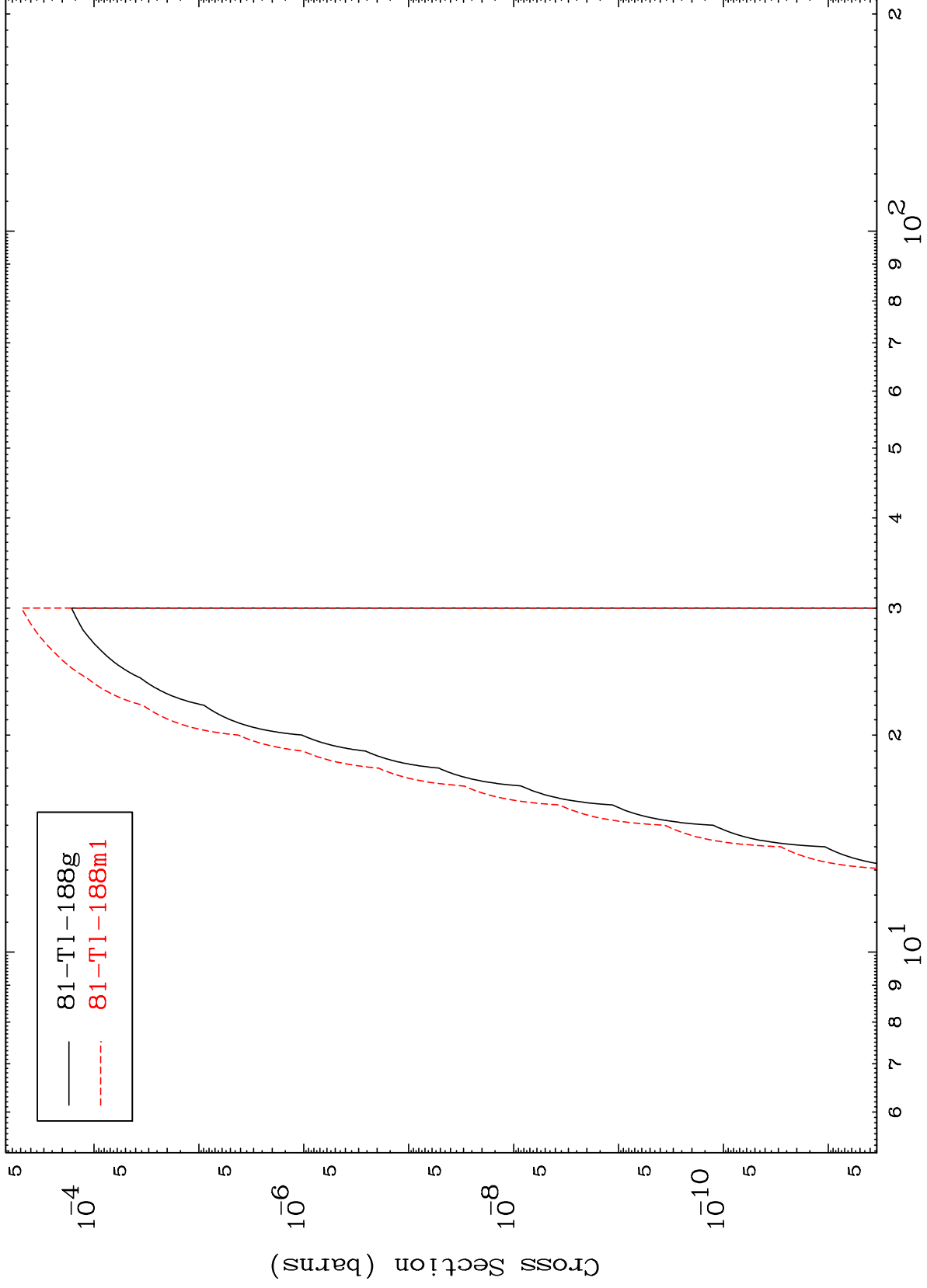


MAT 8081

(n,p) d

81-Tl-188m

Radionuclide Production Cross Section



29

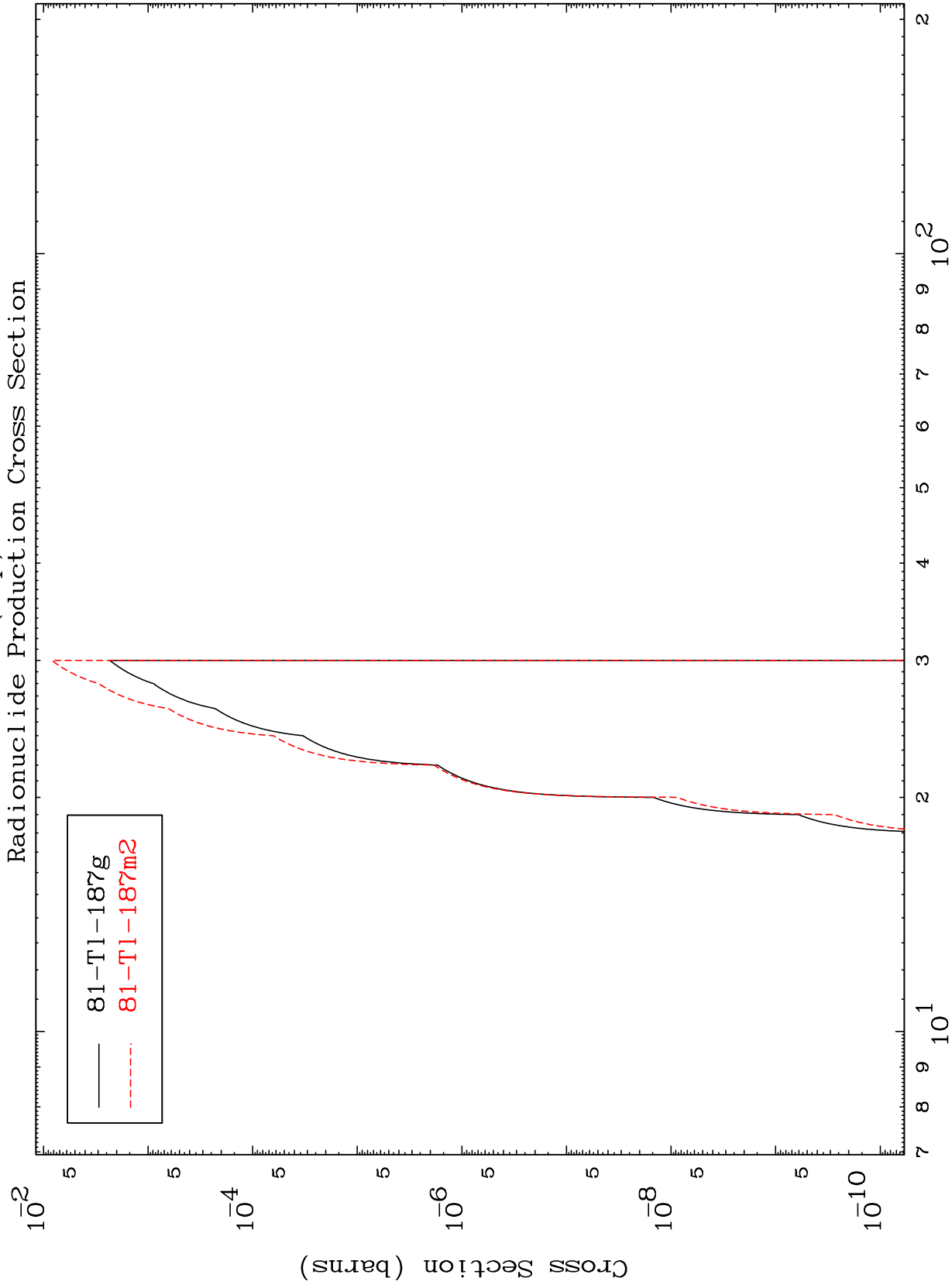
Incident Energy (MeV)

81-Tl-188m

MAT 8081

(n,p) t

81-Tl-188m



30

Incident Energy (MeV)

81-Tl-188m

MAT 8081

(n,d) α

81-Tl-188m

Radionuclide Production Cross Section

