

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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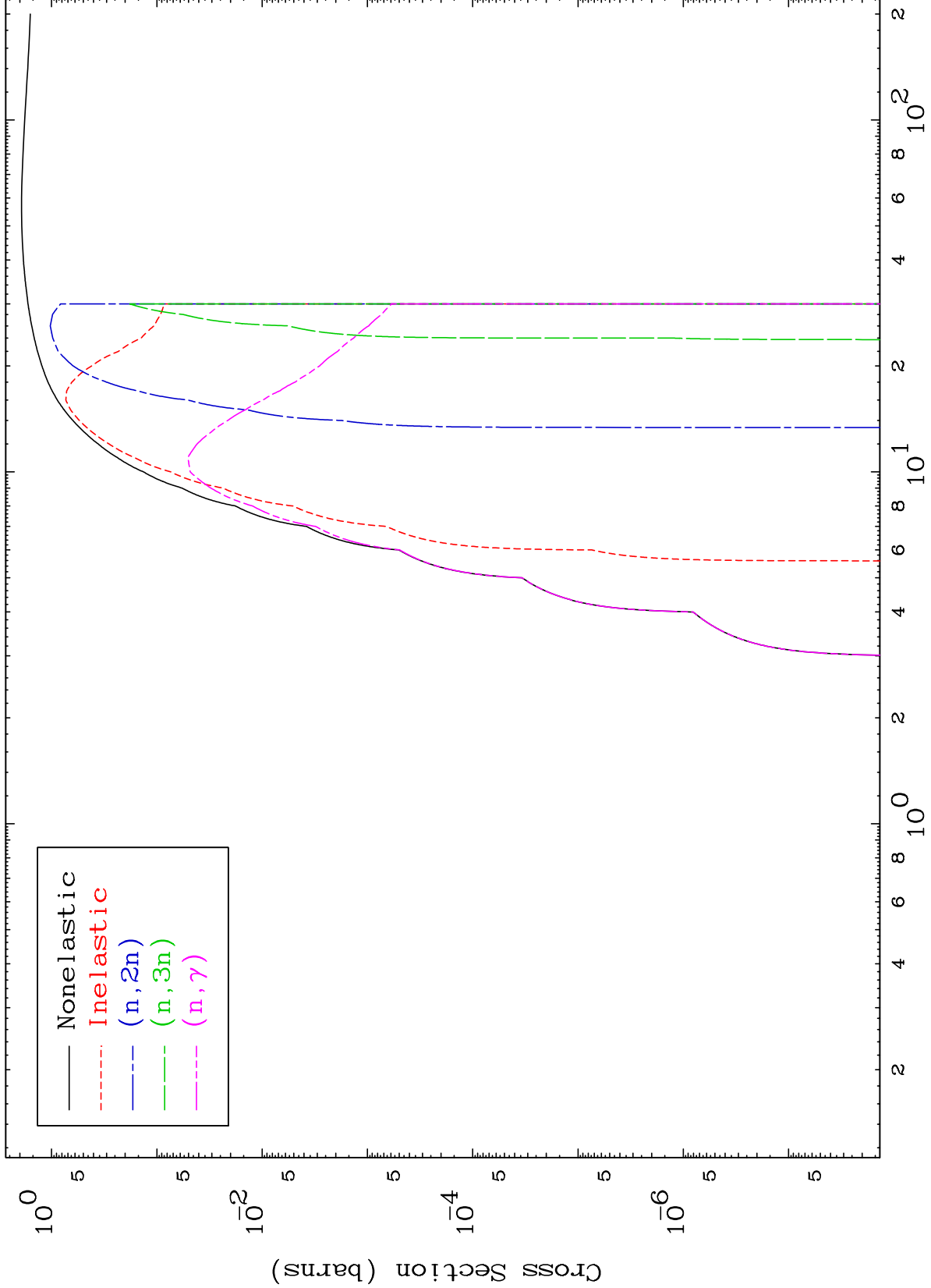
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

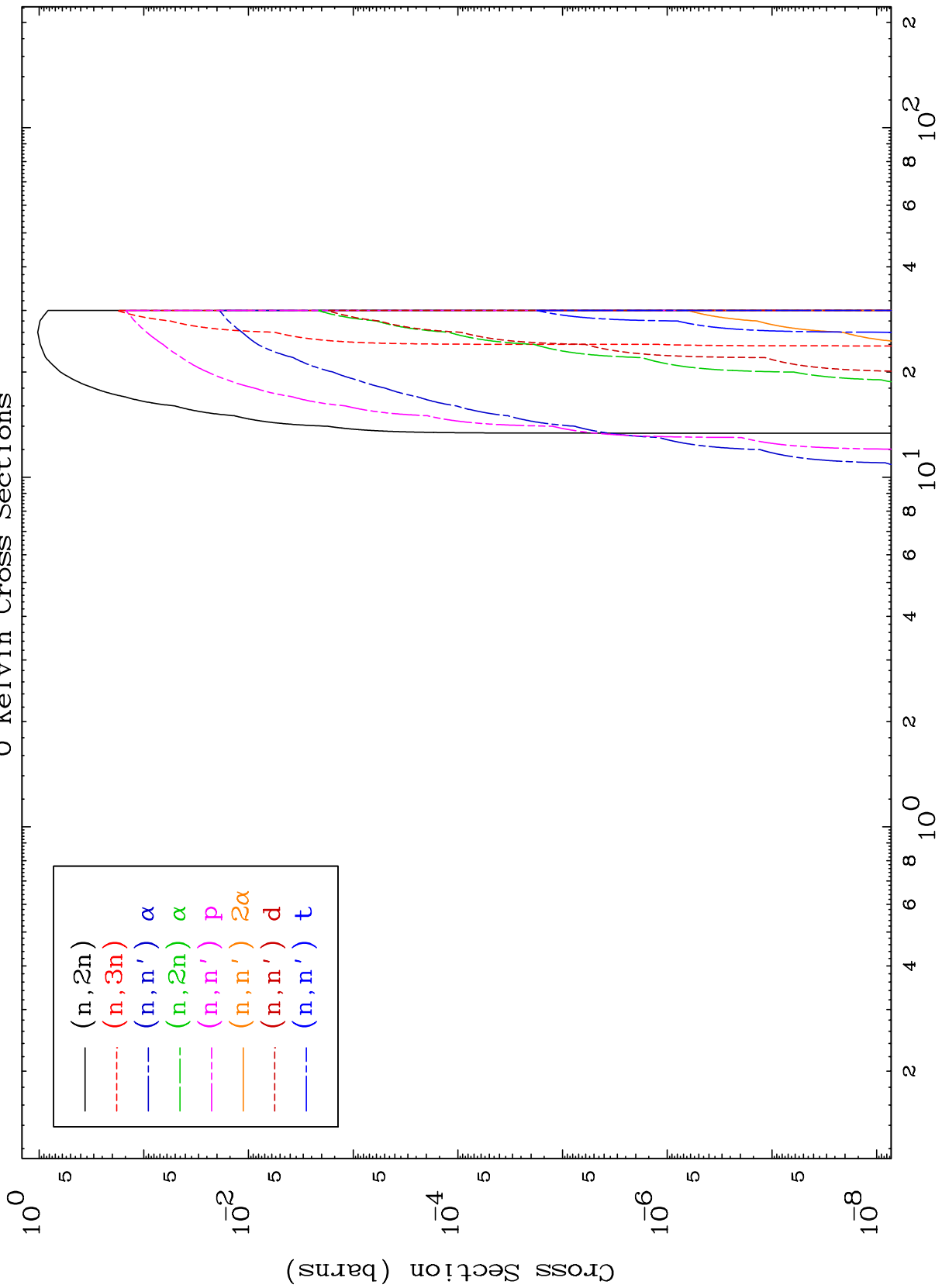
0 Kelvin Cross Sections

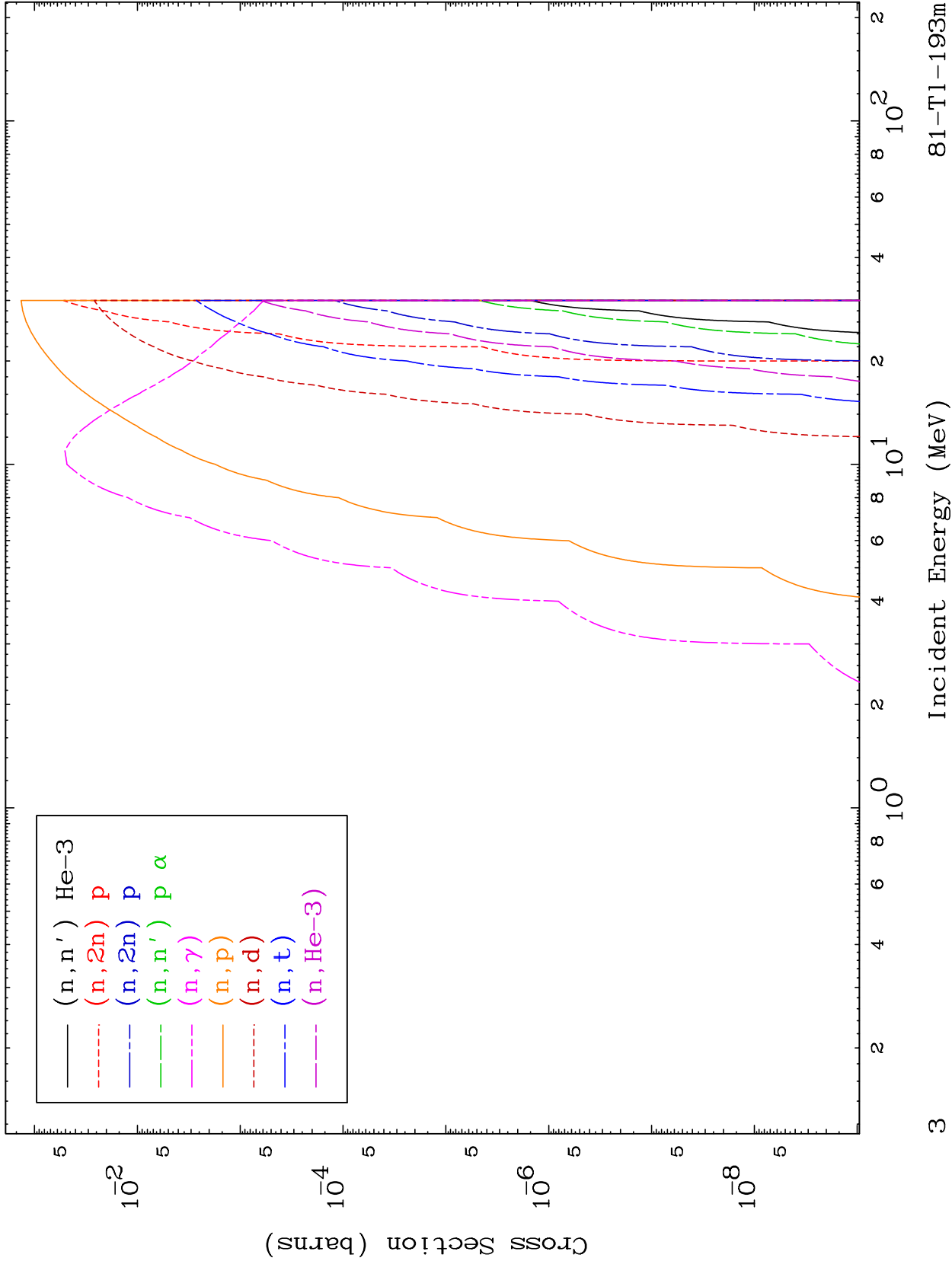


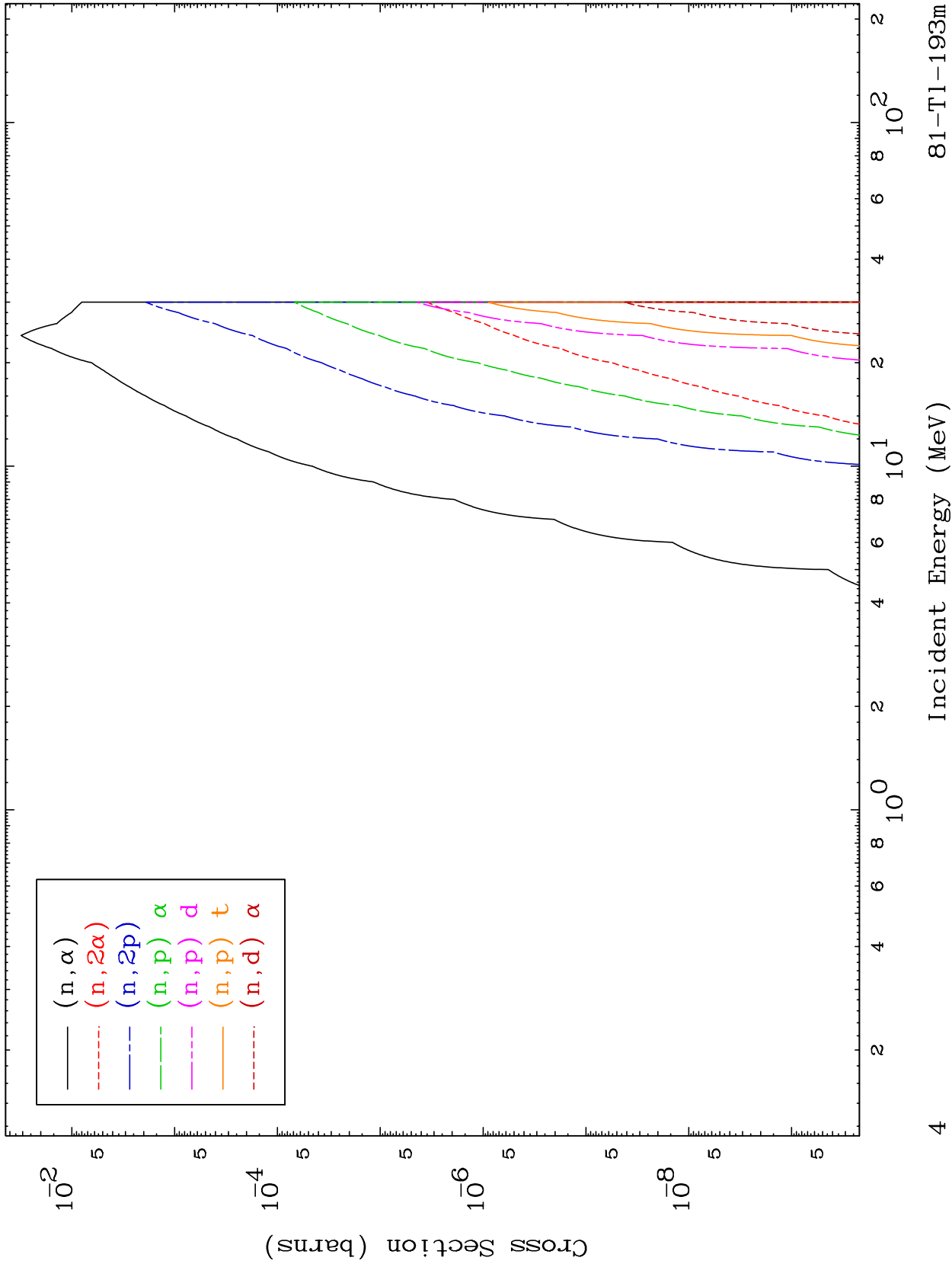
MAT 8096

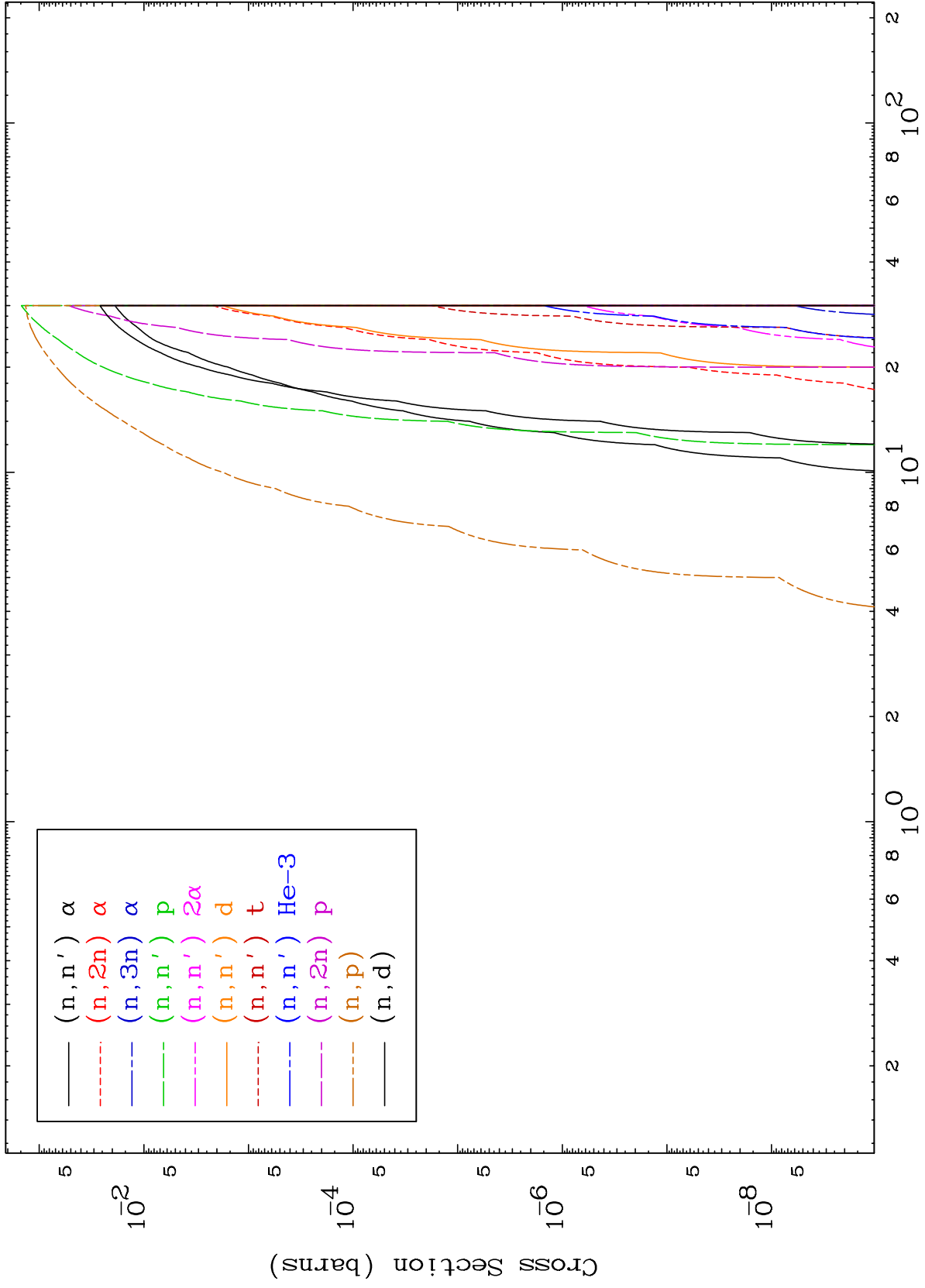
Proton Neutron Absorption
0 Kelvin Cross Sections

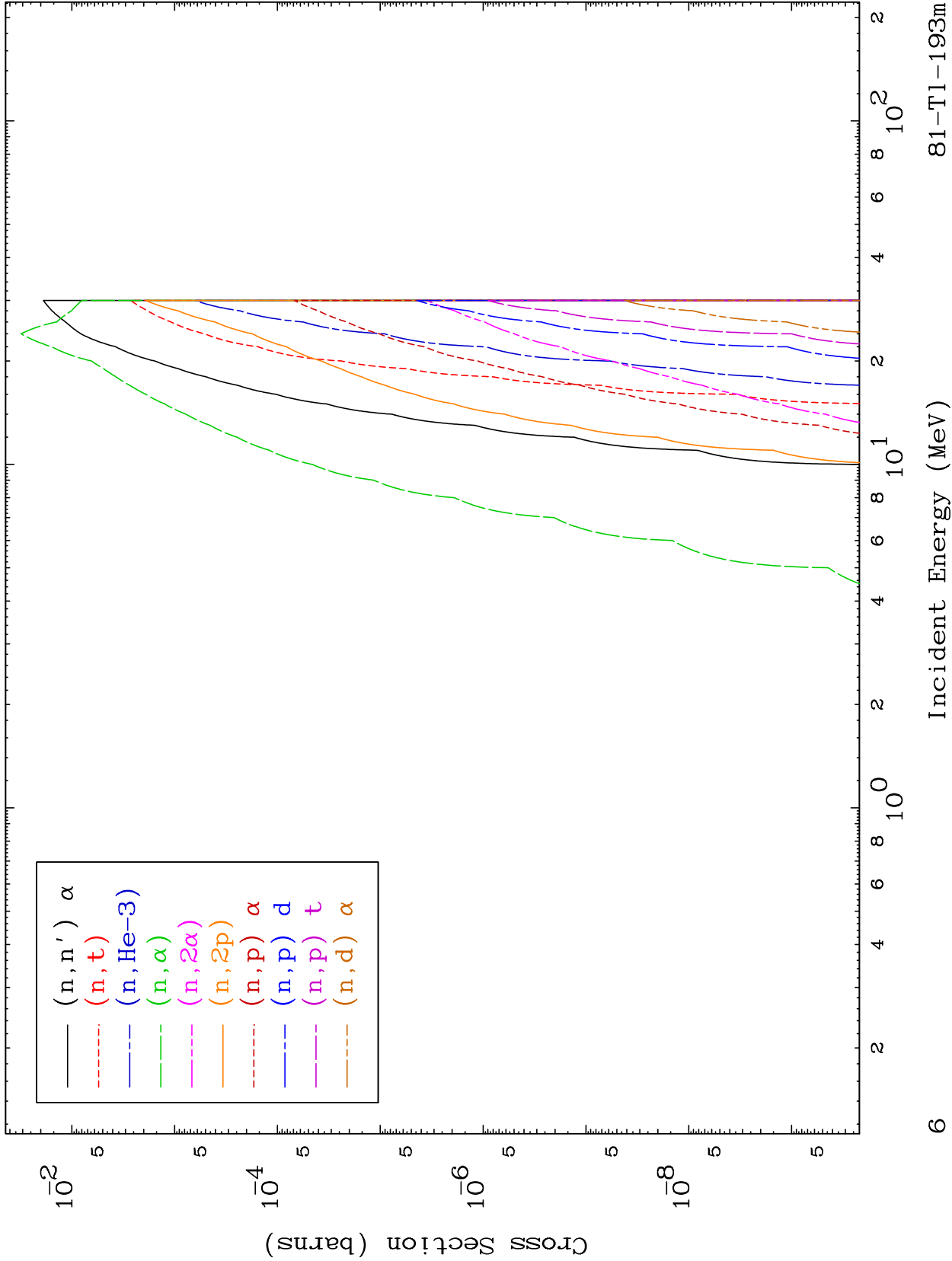
81-Tl-193m







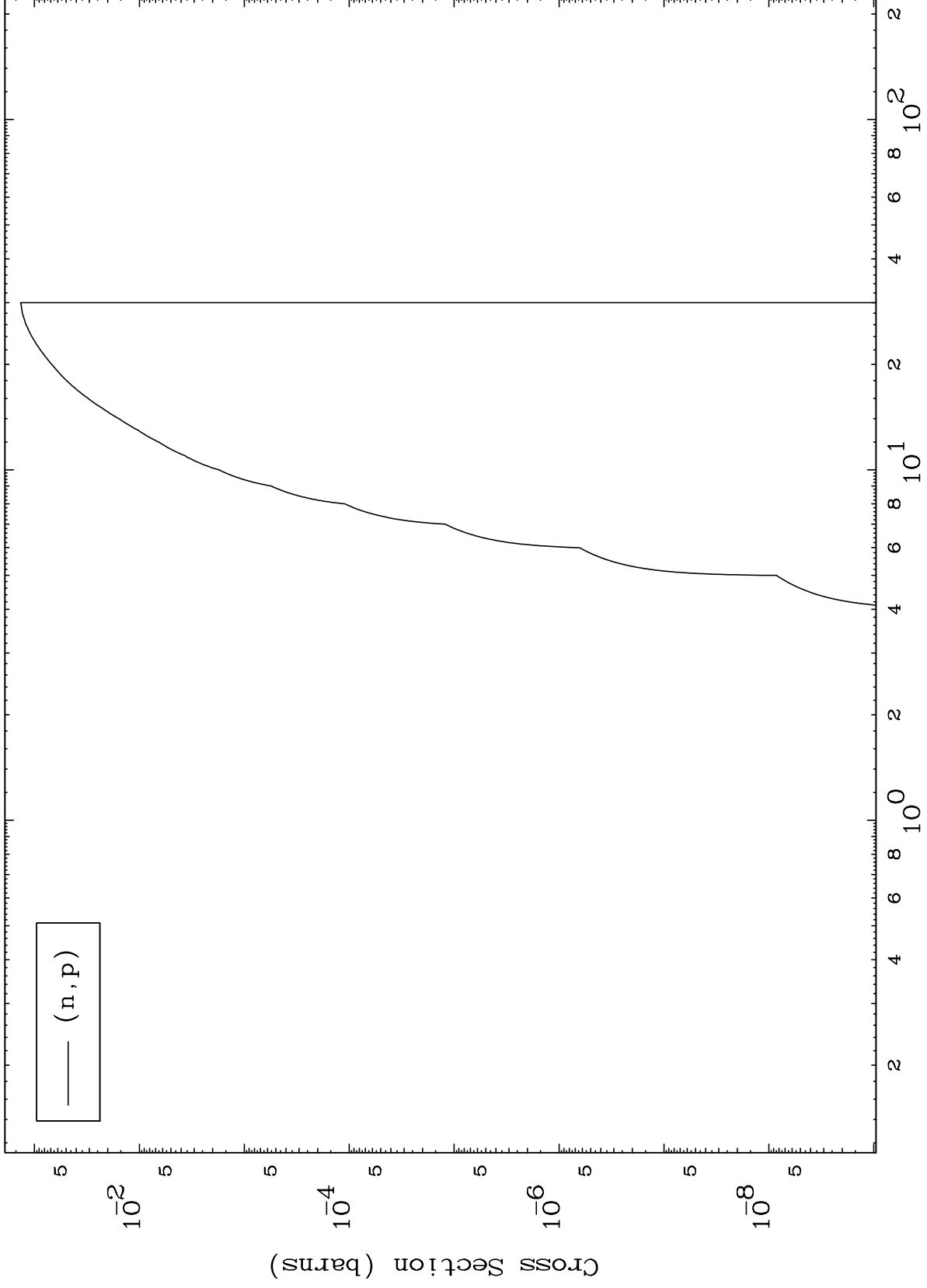




MAT 8096

(p,p) Levels
0 Kelvin Cross Sections

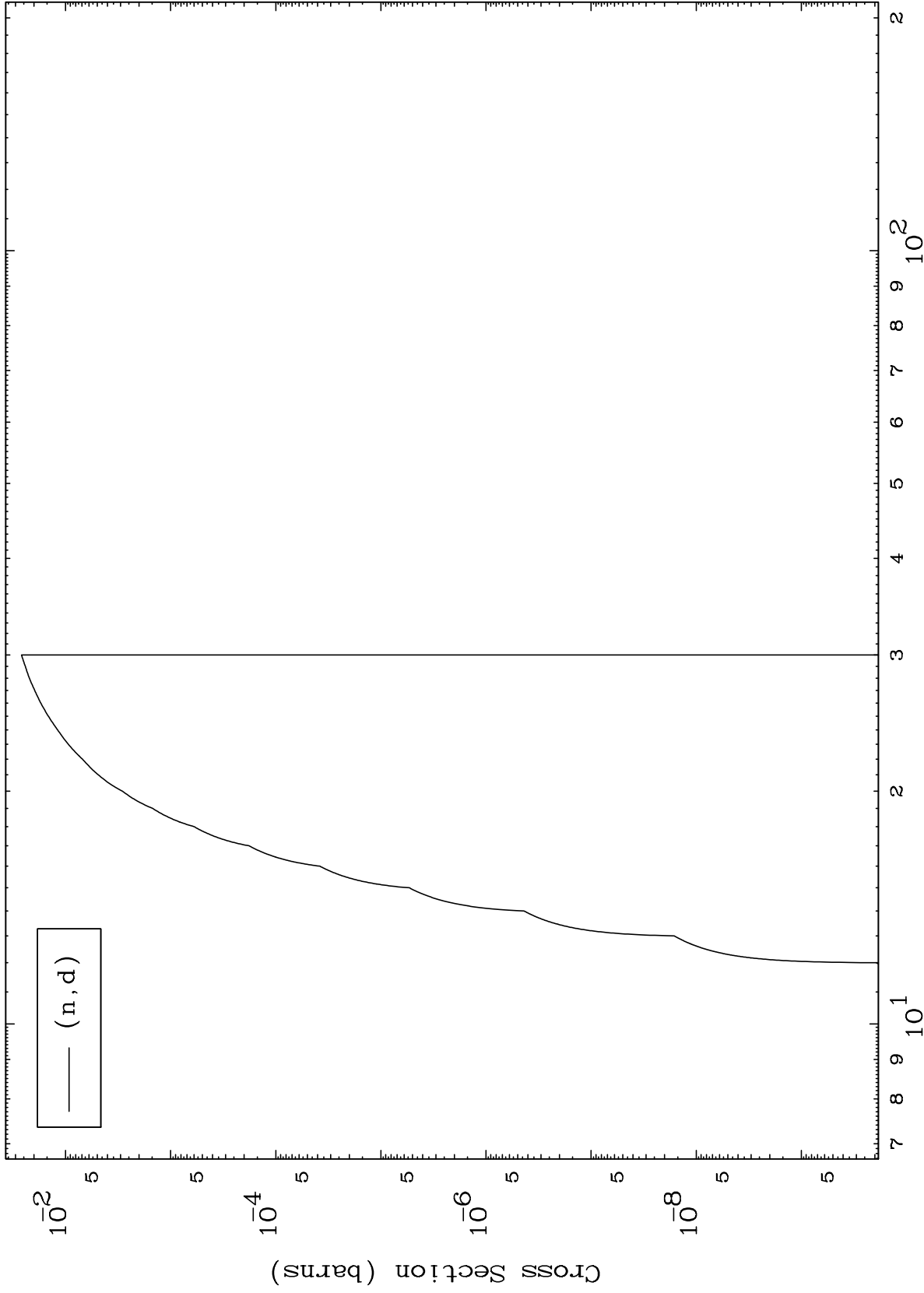
81-Tl-193m



MAT 8096

(p,d) Levels
0 Kelvin Cross Sections

81-Tl-193m



8

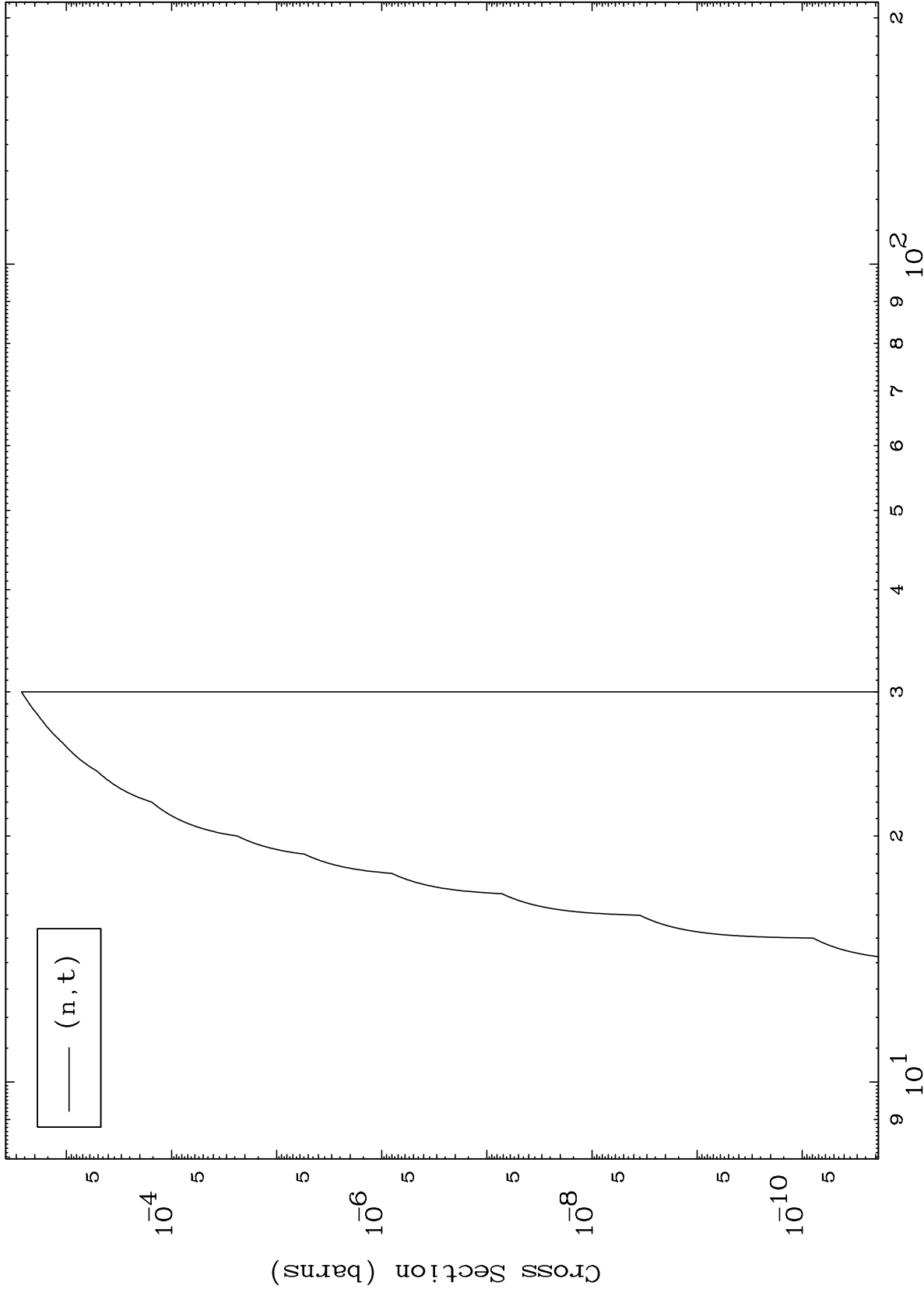
Incident Energy (MeV)

81-Tl-193m

MAT 8096

(p,t) Levels
0 Kelvin Cross Sections

81-Tl-193m



9

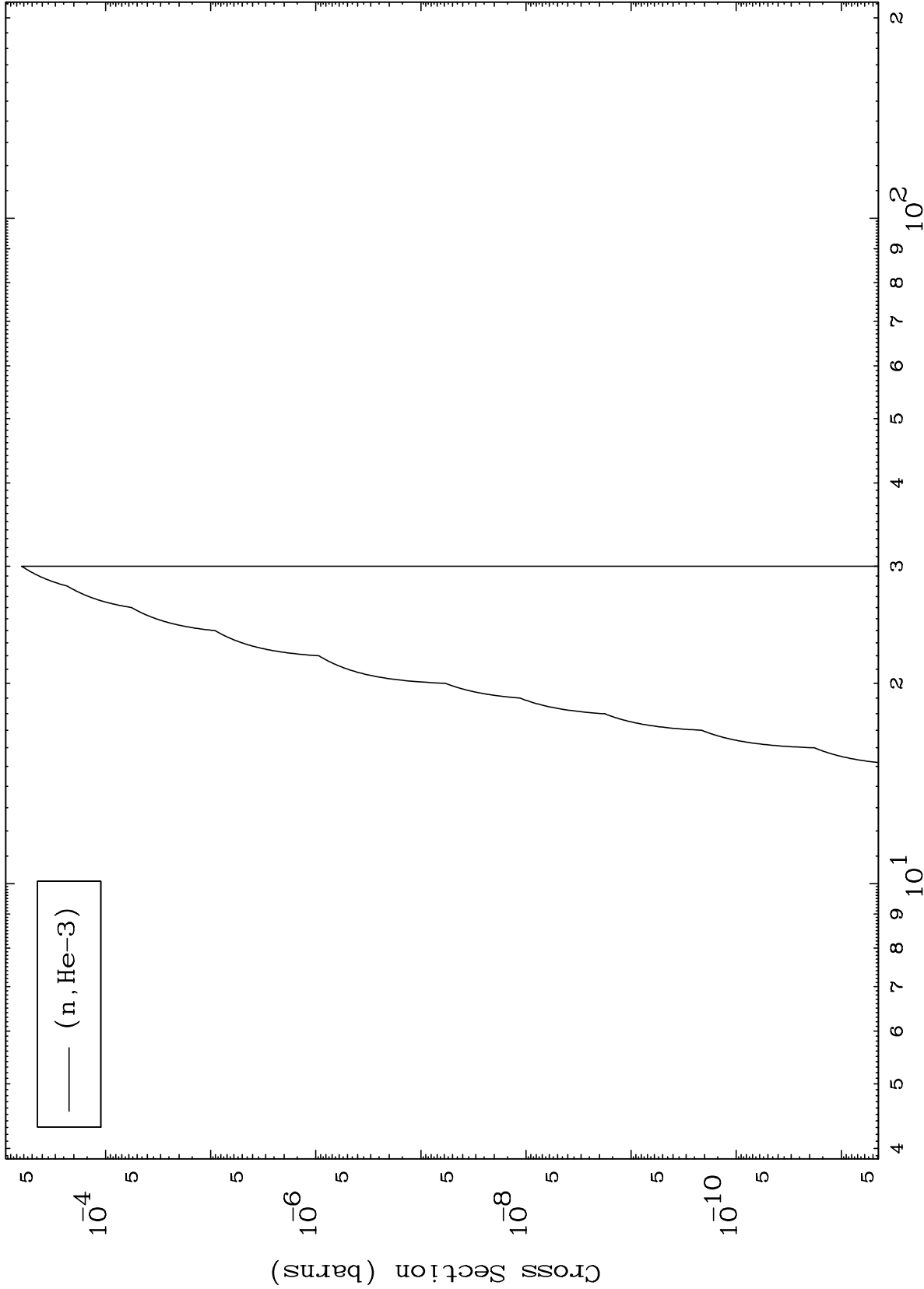
Incident Energy (MeV)

81-Tl-193m

MAT 8096

(p,He3) Levels
0 Kelvin Cross Sections

81-Tl-193m



10

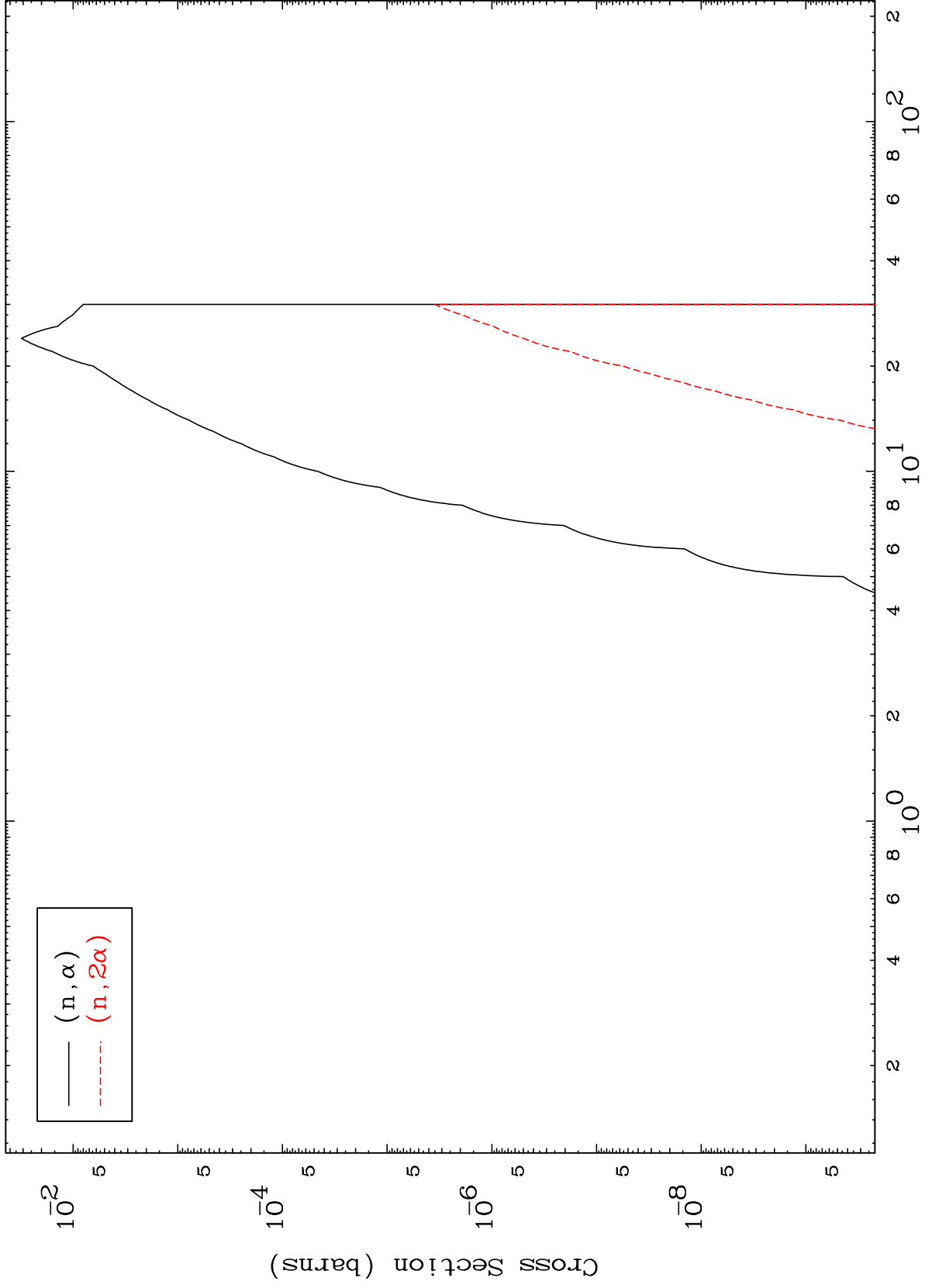
Incident Energy (MeV)

81-Tl-193m

MAT 8096

(p, α) Levels
0 Kelvin Cross Sections

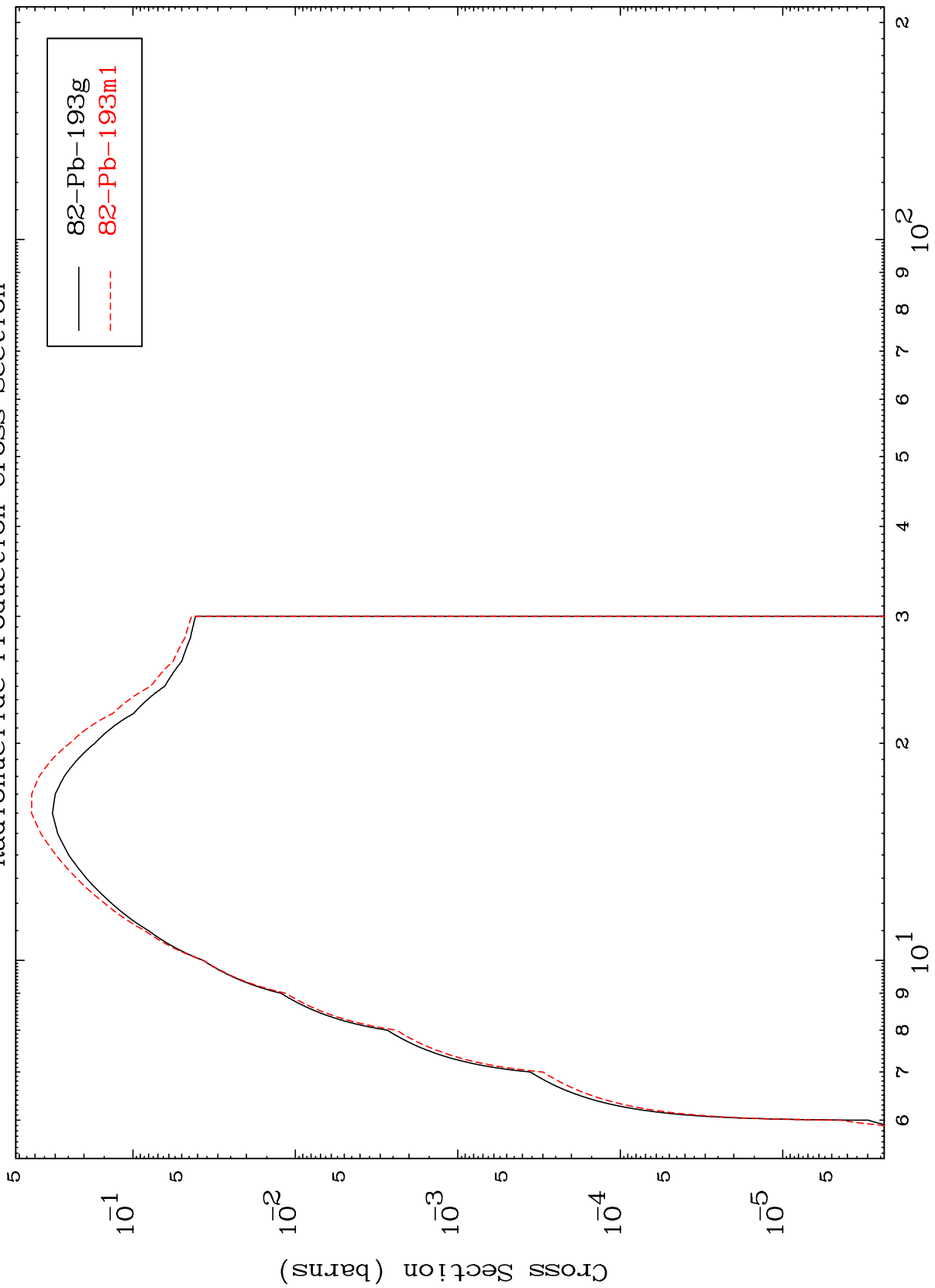
81-Tl-193m



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81-Tl-193m

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

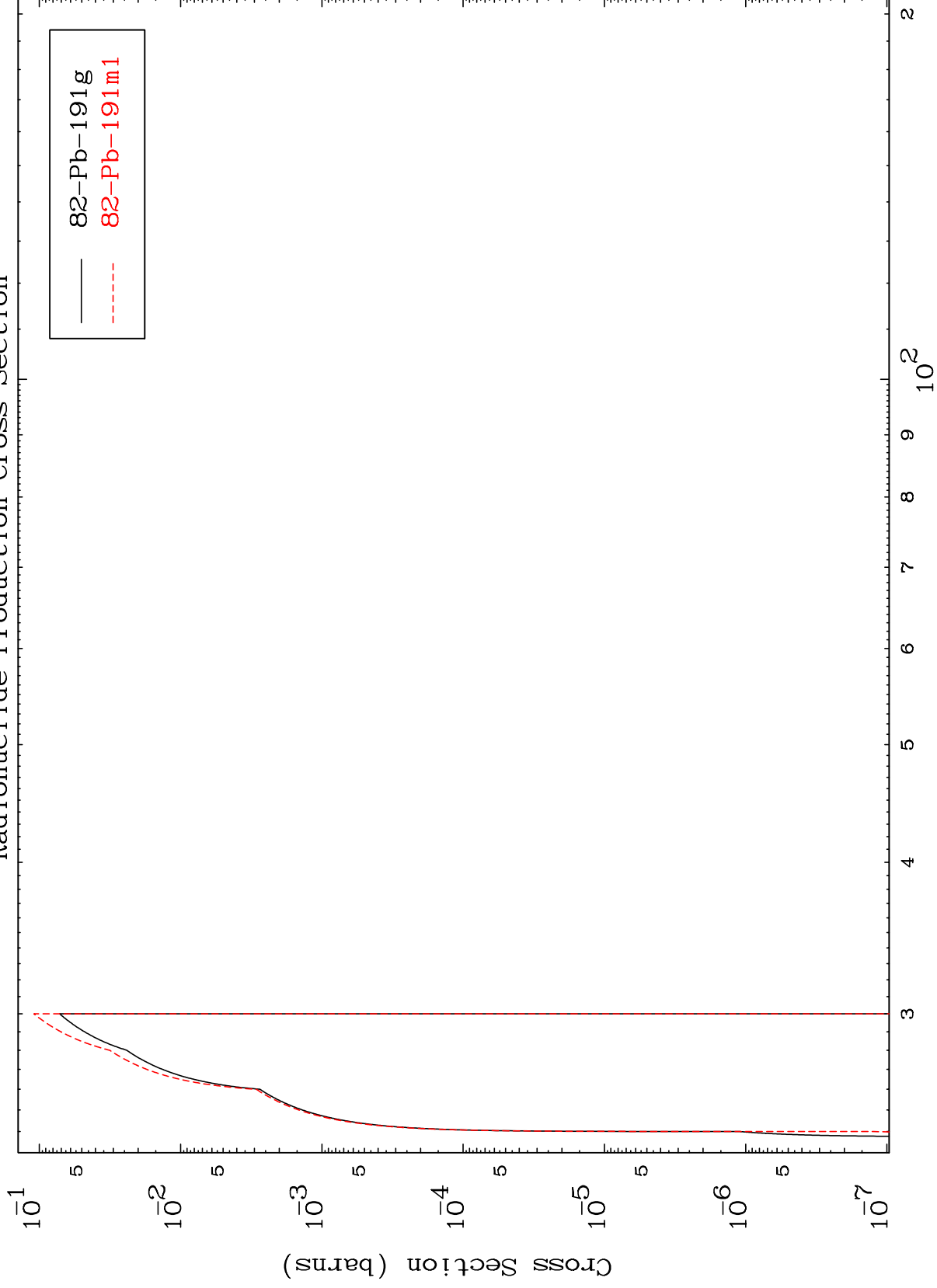
81-Tl-193m

MAT 8096

(n,3n)

81-TI-193m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

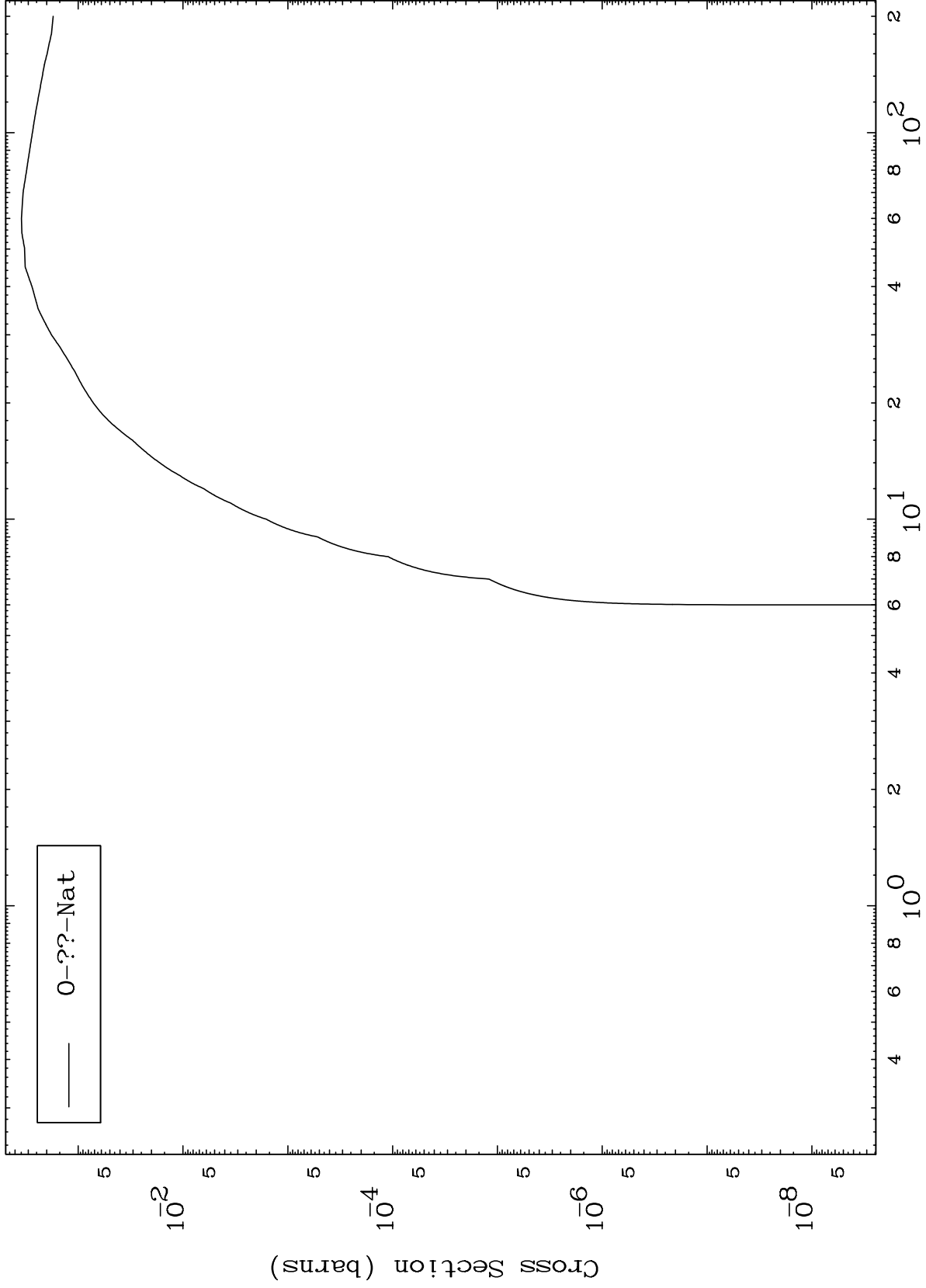
81-TI-193m

MAT 8096

Fission

81-Tl-193m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

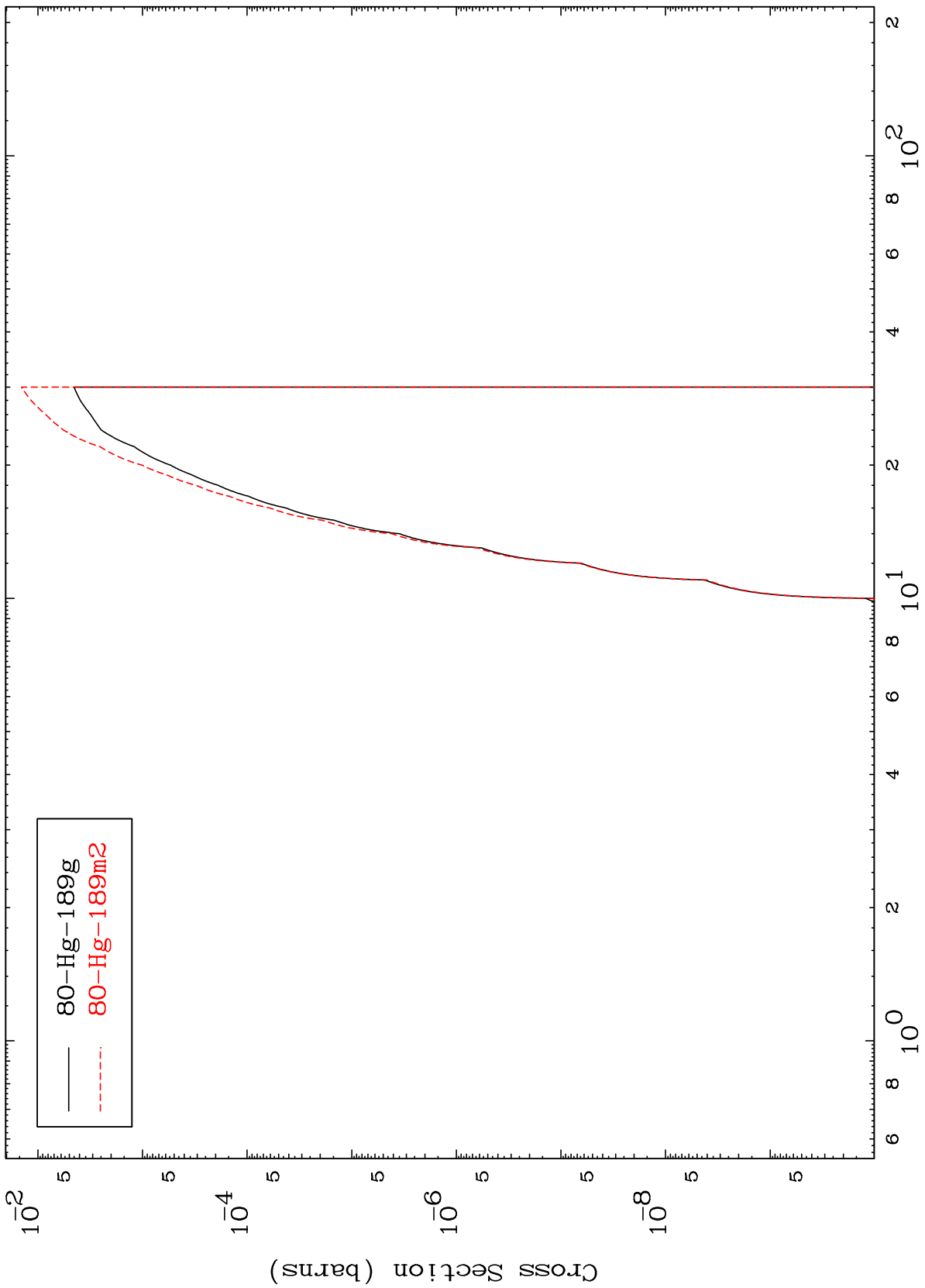
81-Tl-193m

MAT 8096

(n,n') α

81-Tl-193m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

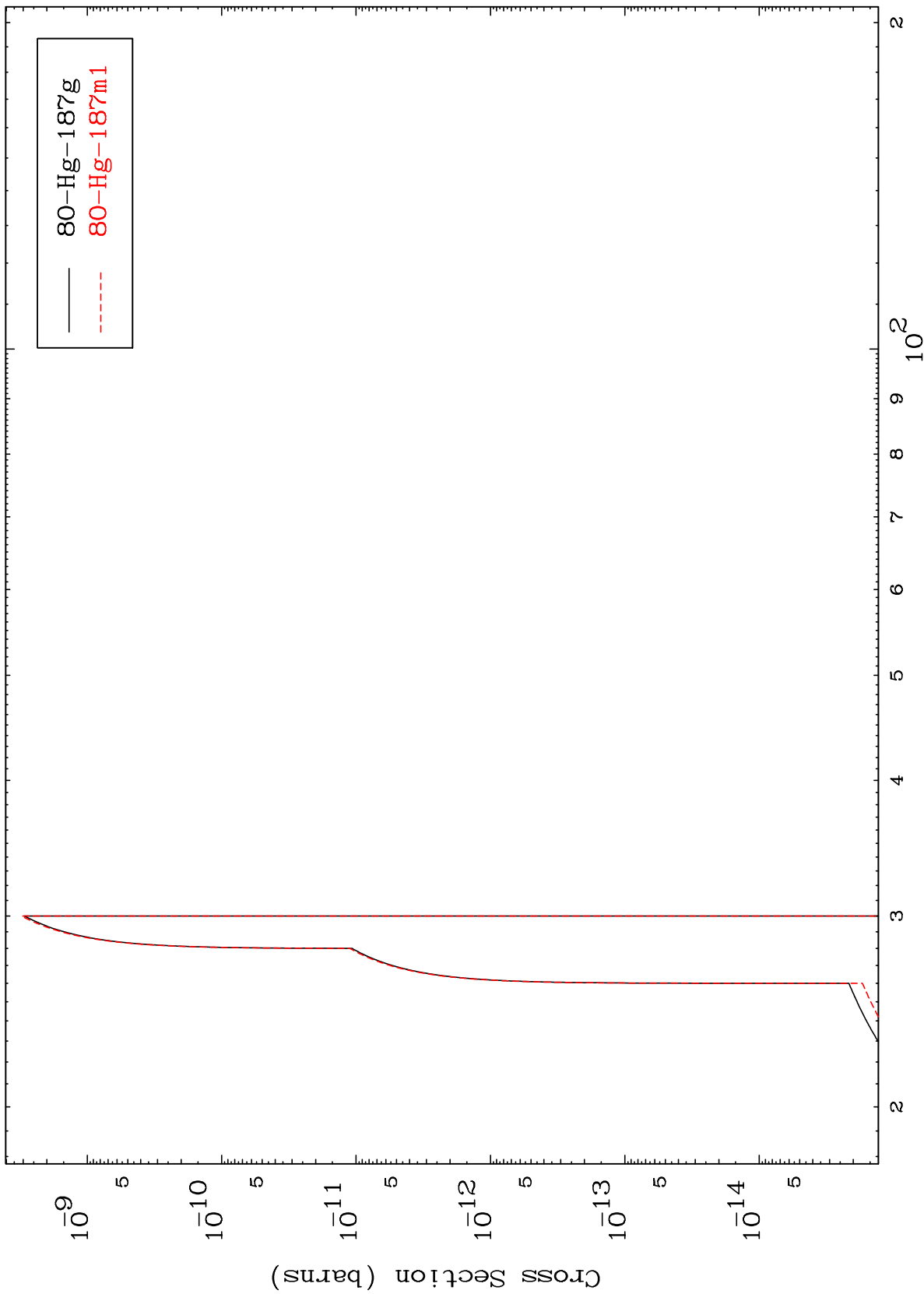
81-Tl-193m

MAT 8096

(n,3n) α

81-TI-193m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

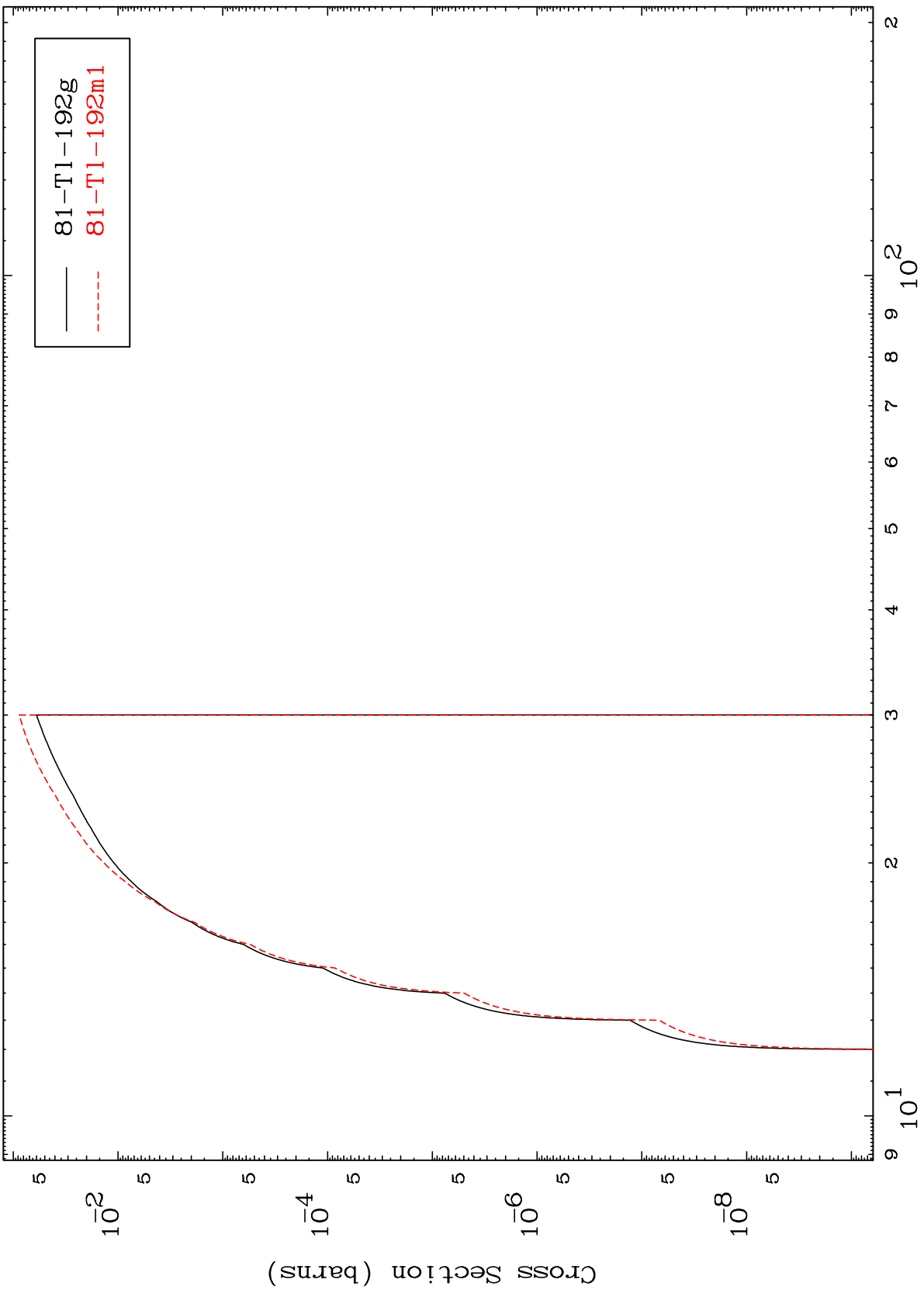
81-TI-193m

MAT 8096

(n,n') p

81-Tl-193m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

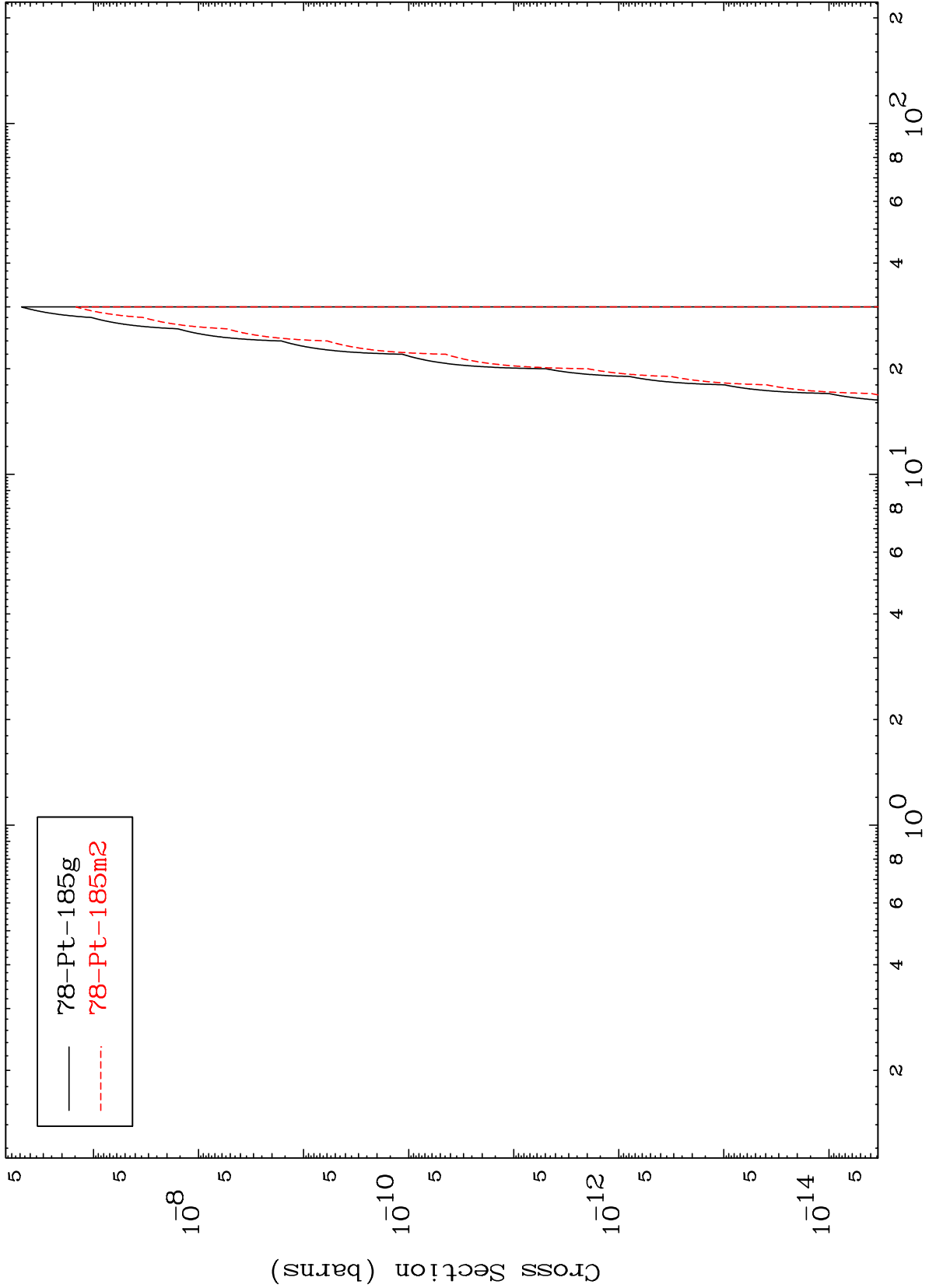
81-Tl-193m

MAT 8096

(n,n') 2 α

81-Tl-193m

Radionuclide Production Cross Section



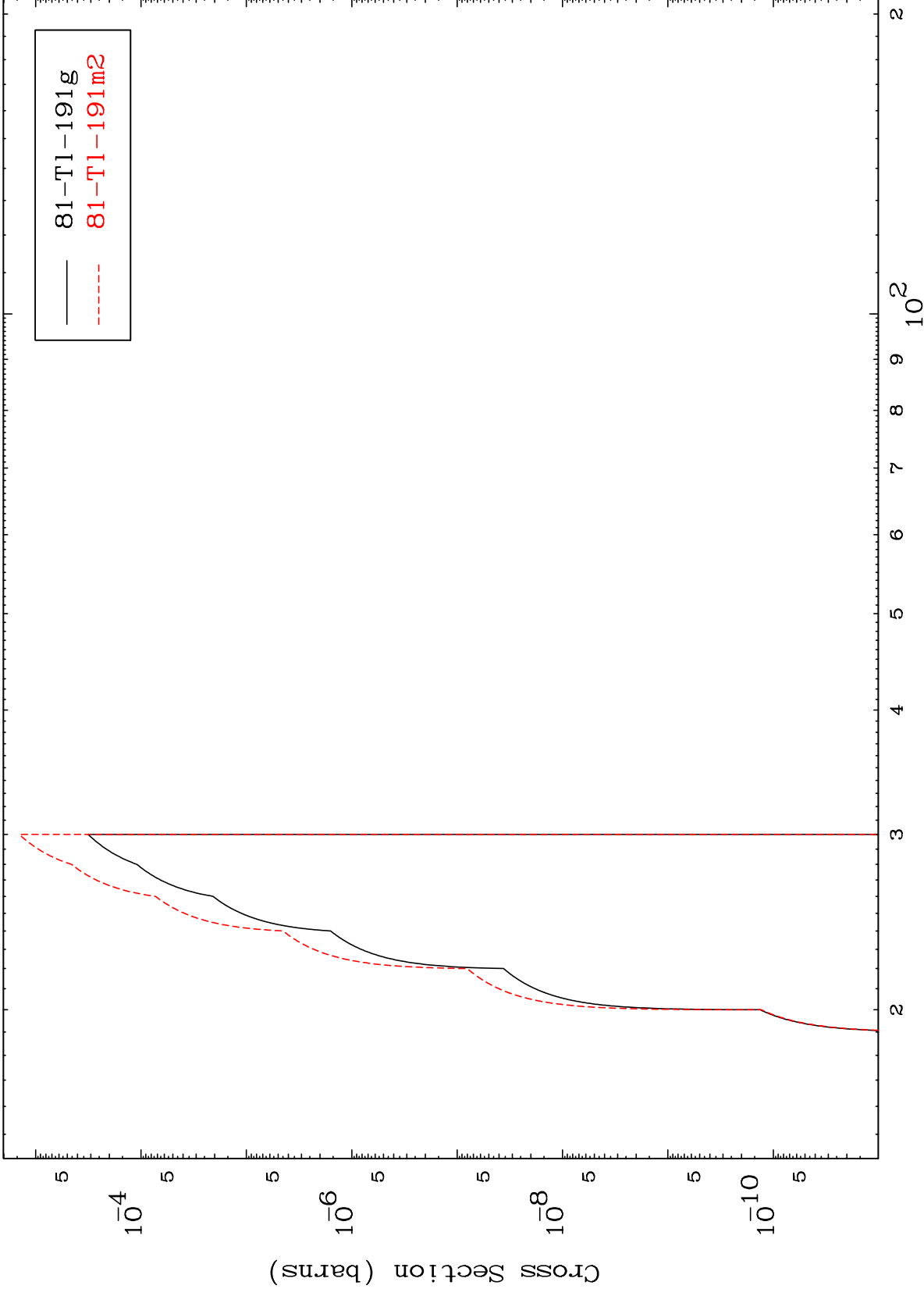
78-Pt-185g
78-Pt-185m2

MAT 8096

(n,n') d

81-Tl-193m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

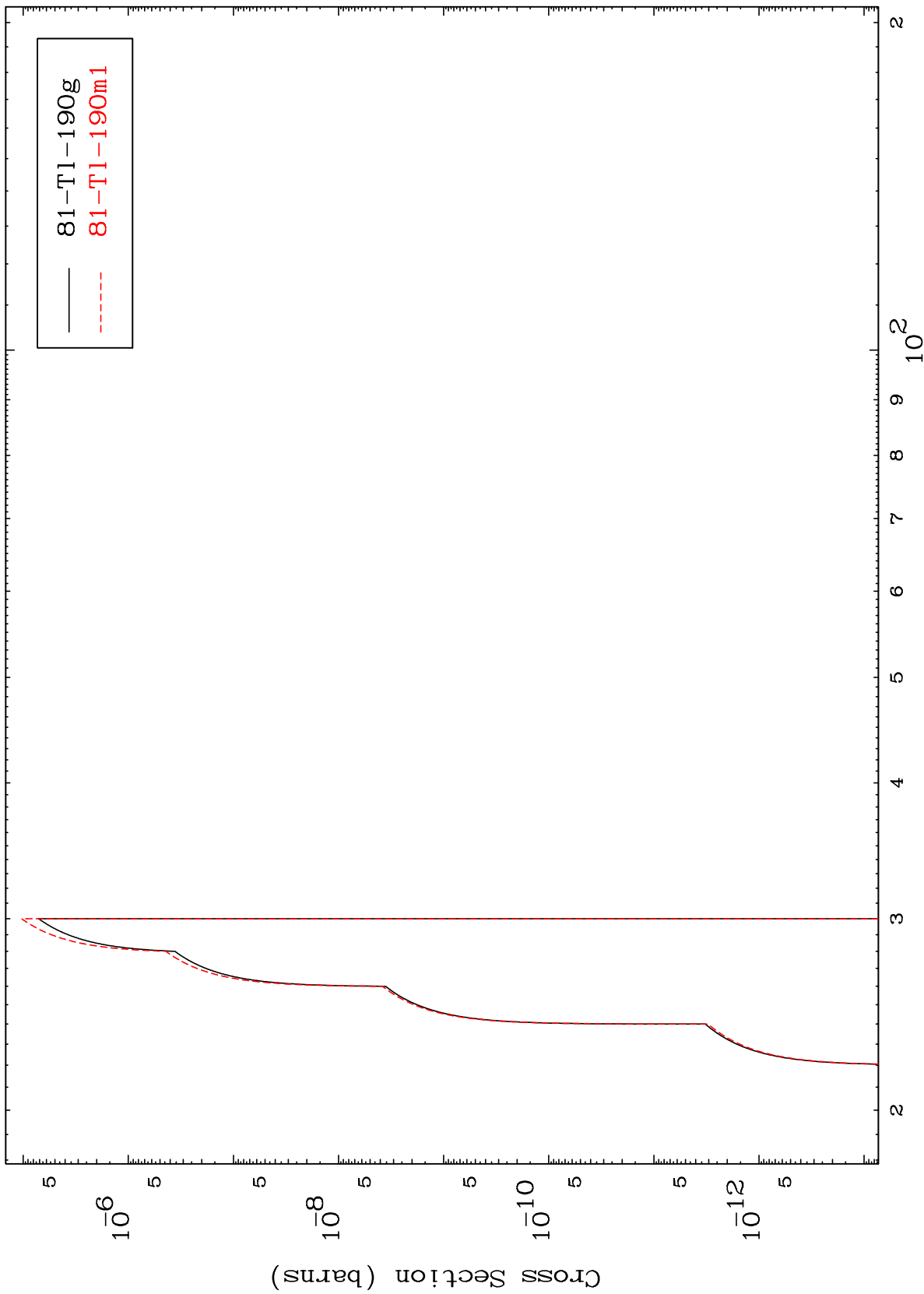
81-Tl-193m

MAT 8096

(n,n') t

81-Tl-193m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

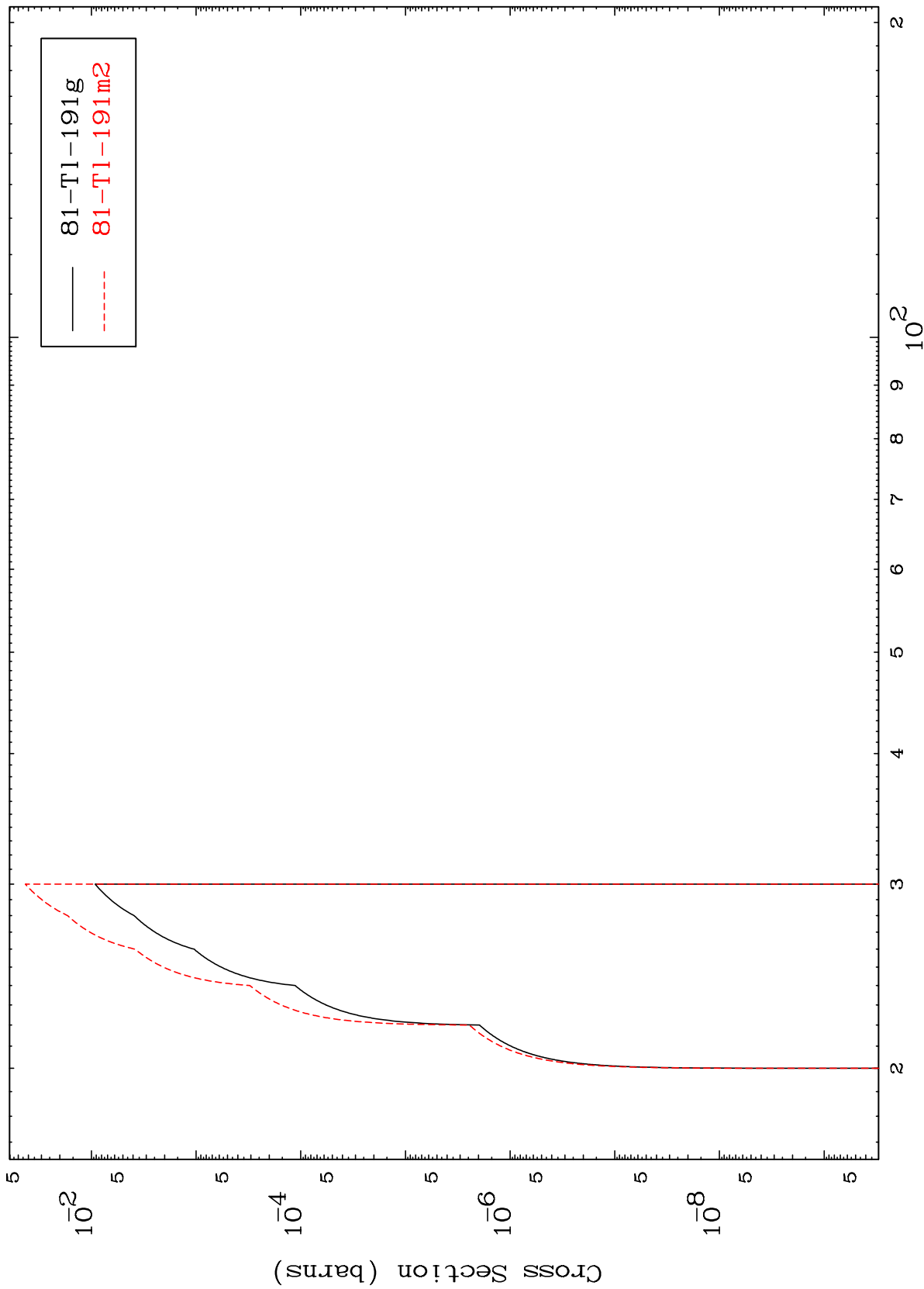
81-Tl-193m

MAT 8096

(n,2n) p

81-Tl-193m

Radionuclide Production Cross Section

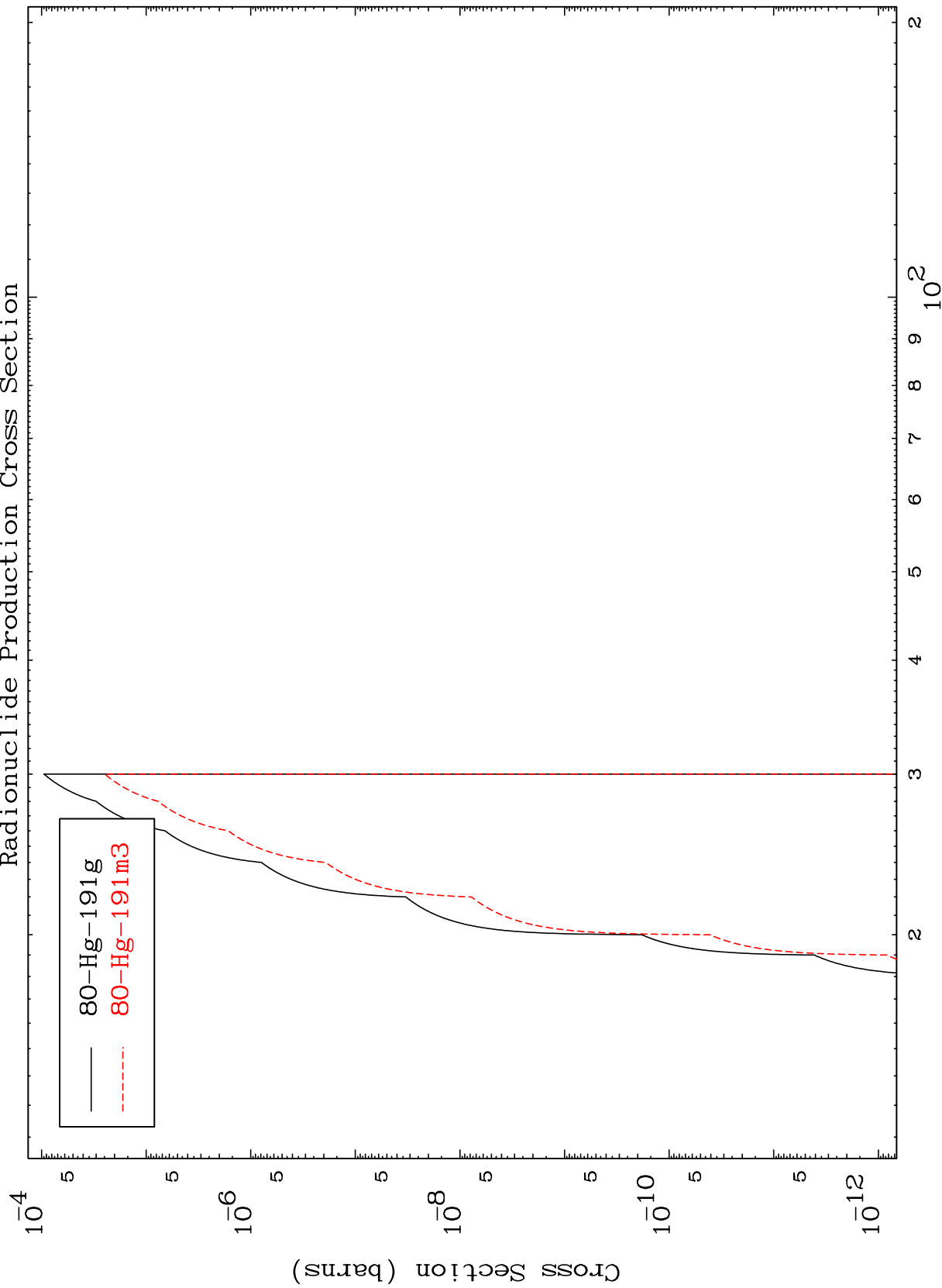


MAT 8096

(n,2n) p

81-Tl-193m

Radionuclide Production Cross Section



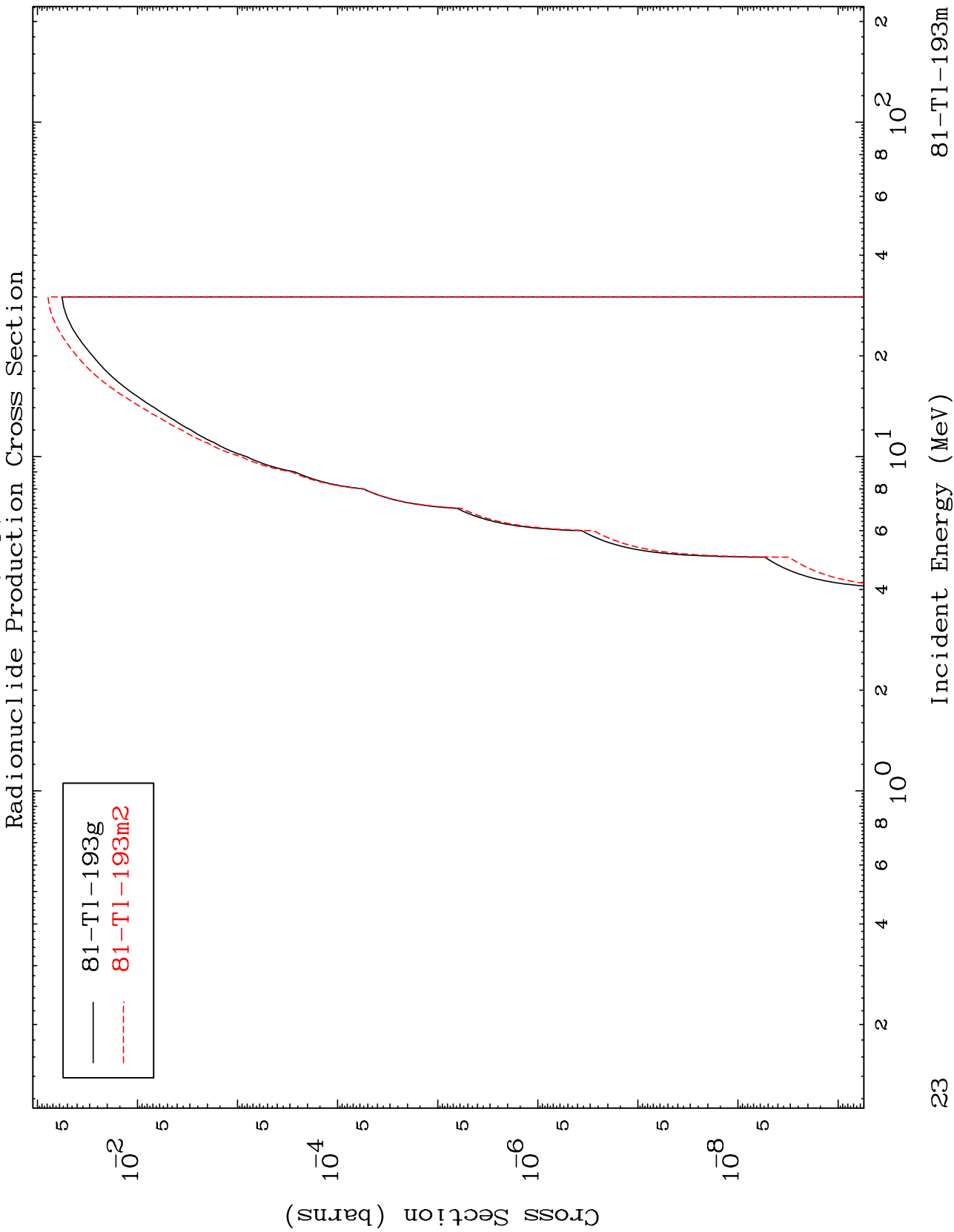
Incident Energy (MeV)

81-Tl-193m

22

MAT 8096

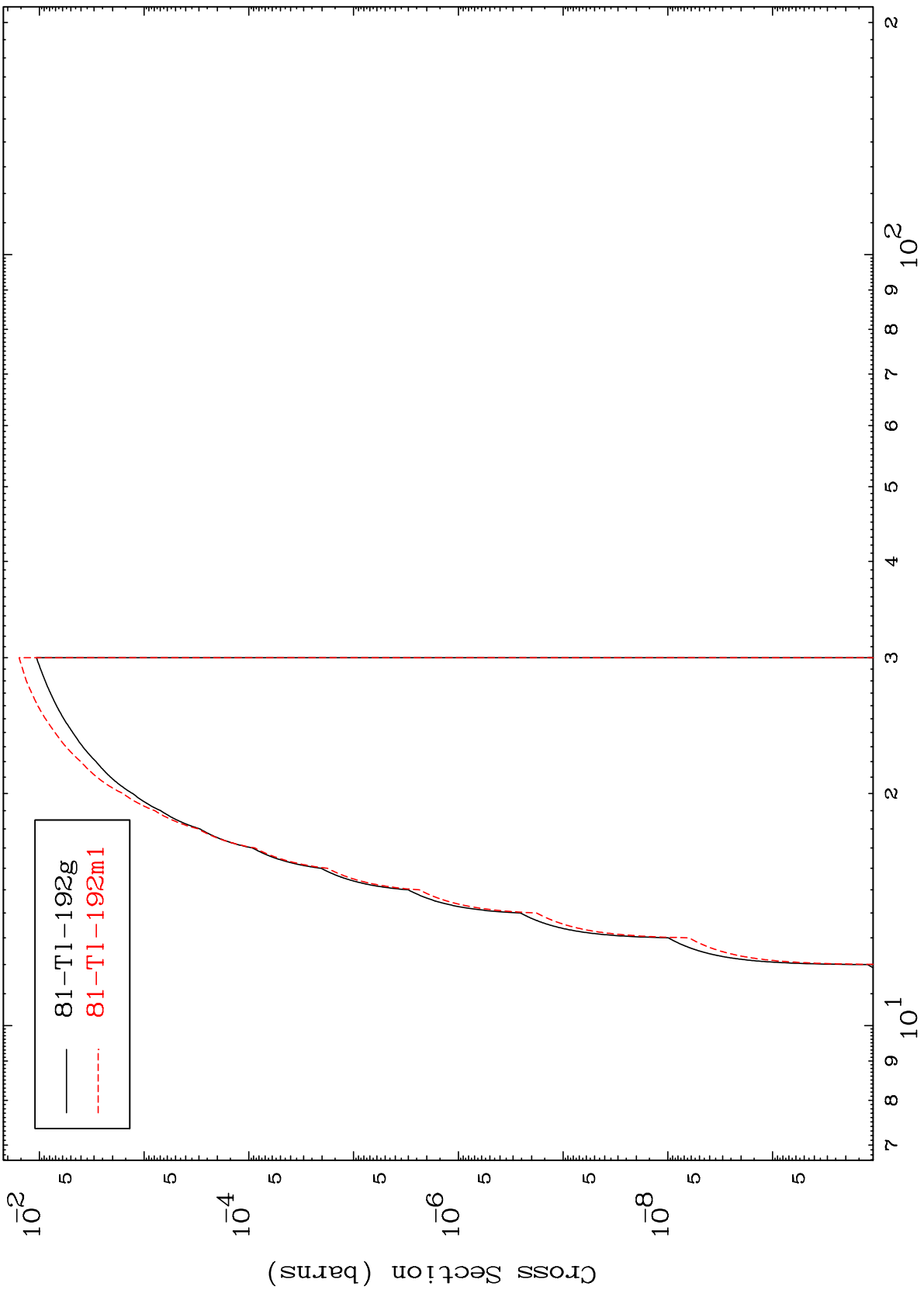
81-Tl-193m



MAT 8096

81-Tl-193m

(n,d)
Radionuclide Production Cross Section



24

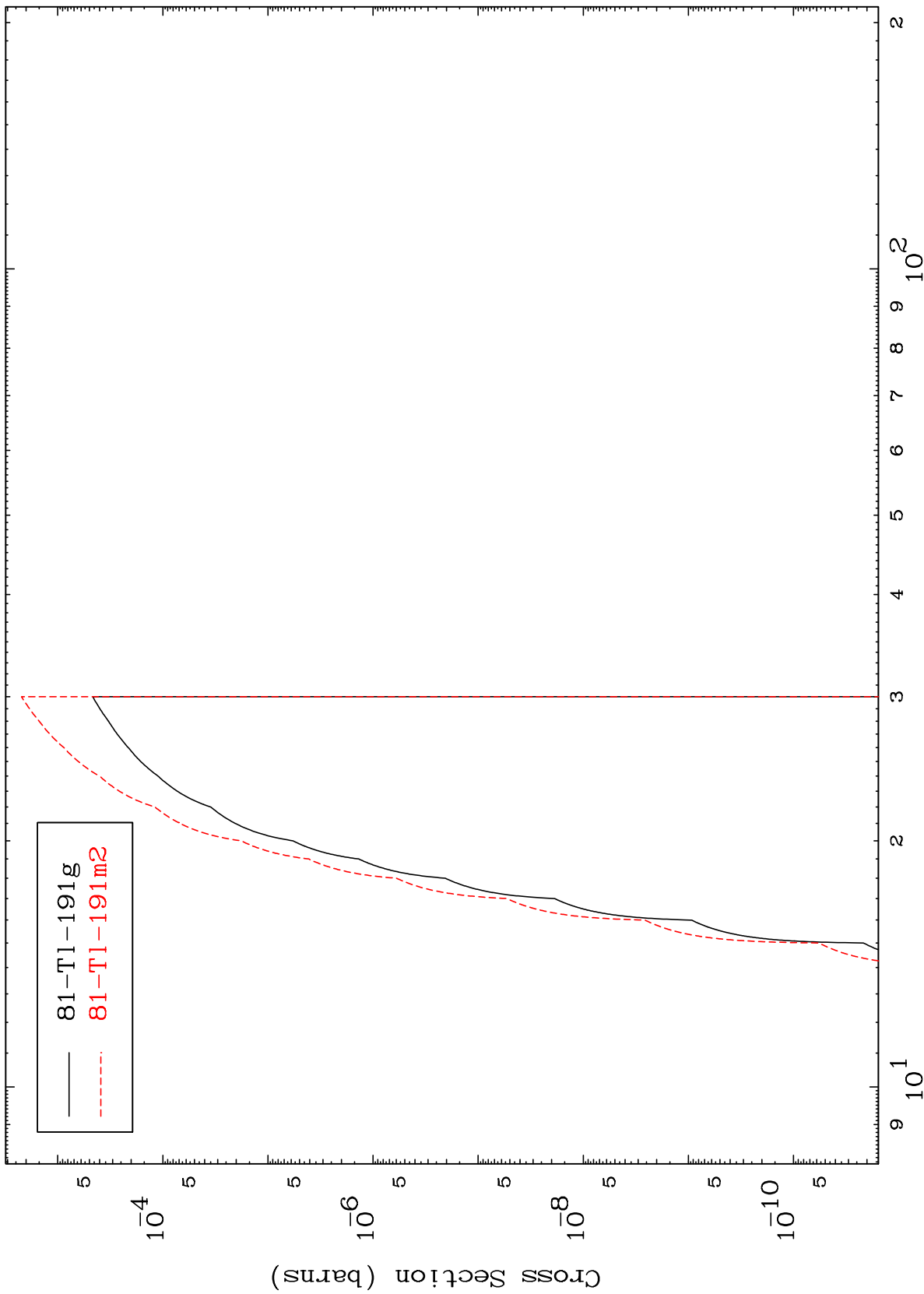
Incident Energy (MeV)

81-Tl-193m

MAT 8096

81-Tl-193m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

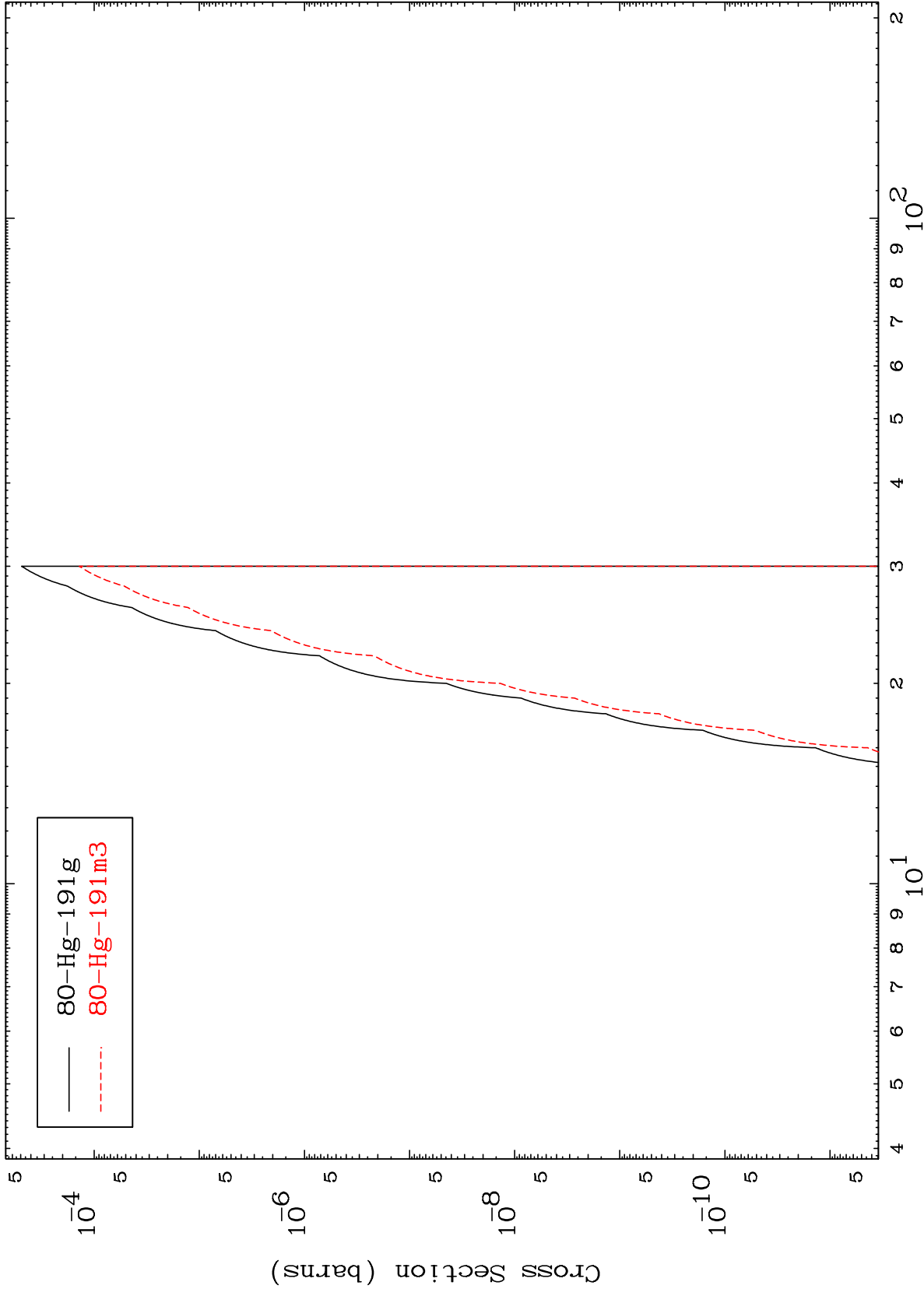
81-Tl-193m

MAT 8096

(n,He-3)

81-TI-193m

Radionuclide Production Cross Section



80-Hg-191g
80-Hg-191m3

Incident Energy (MeV)

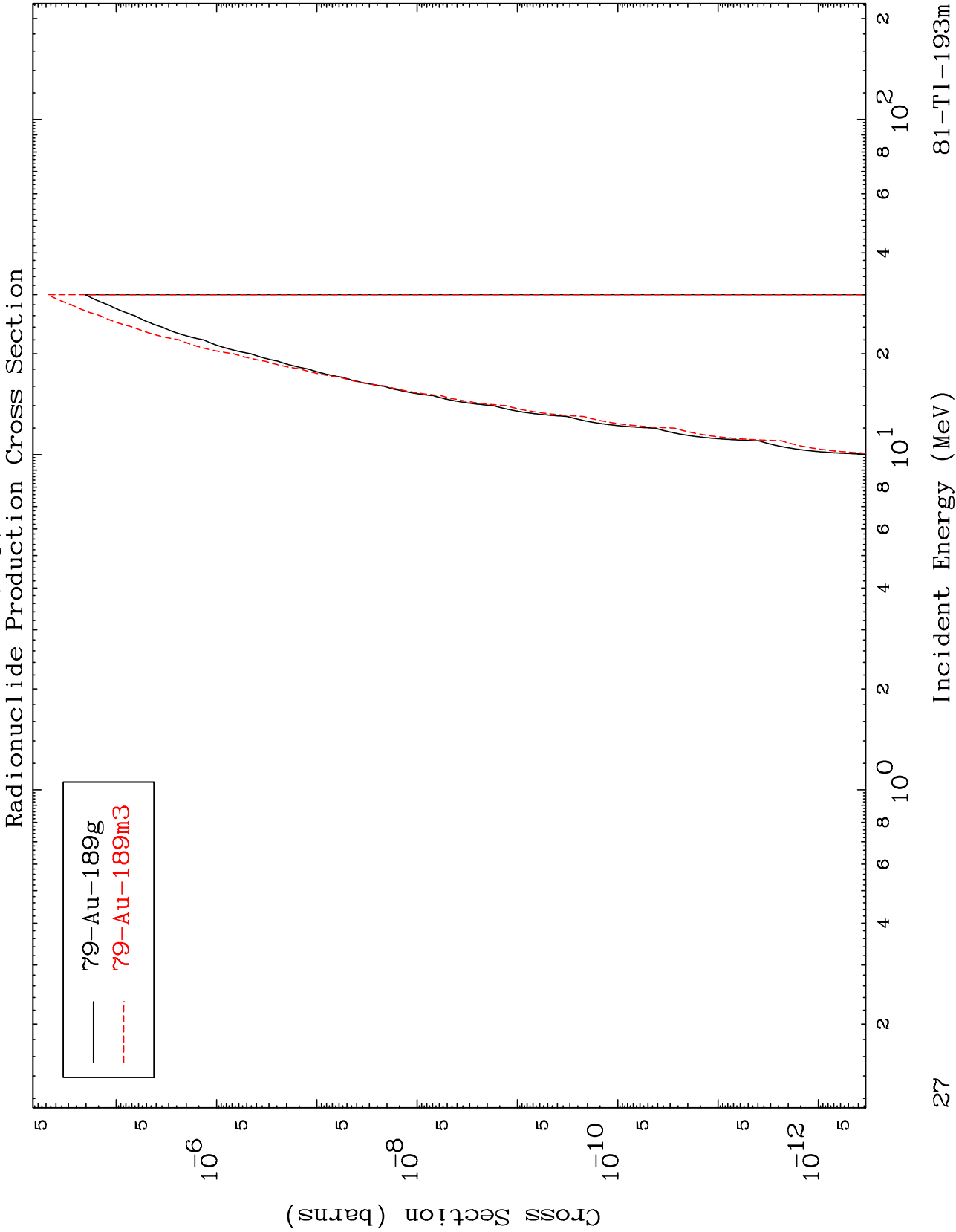
81-TI-193m

26

MAT 8096

(n,p) α

81-Tl-193m

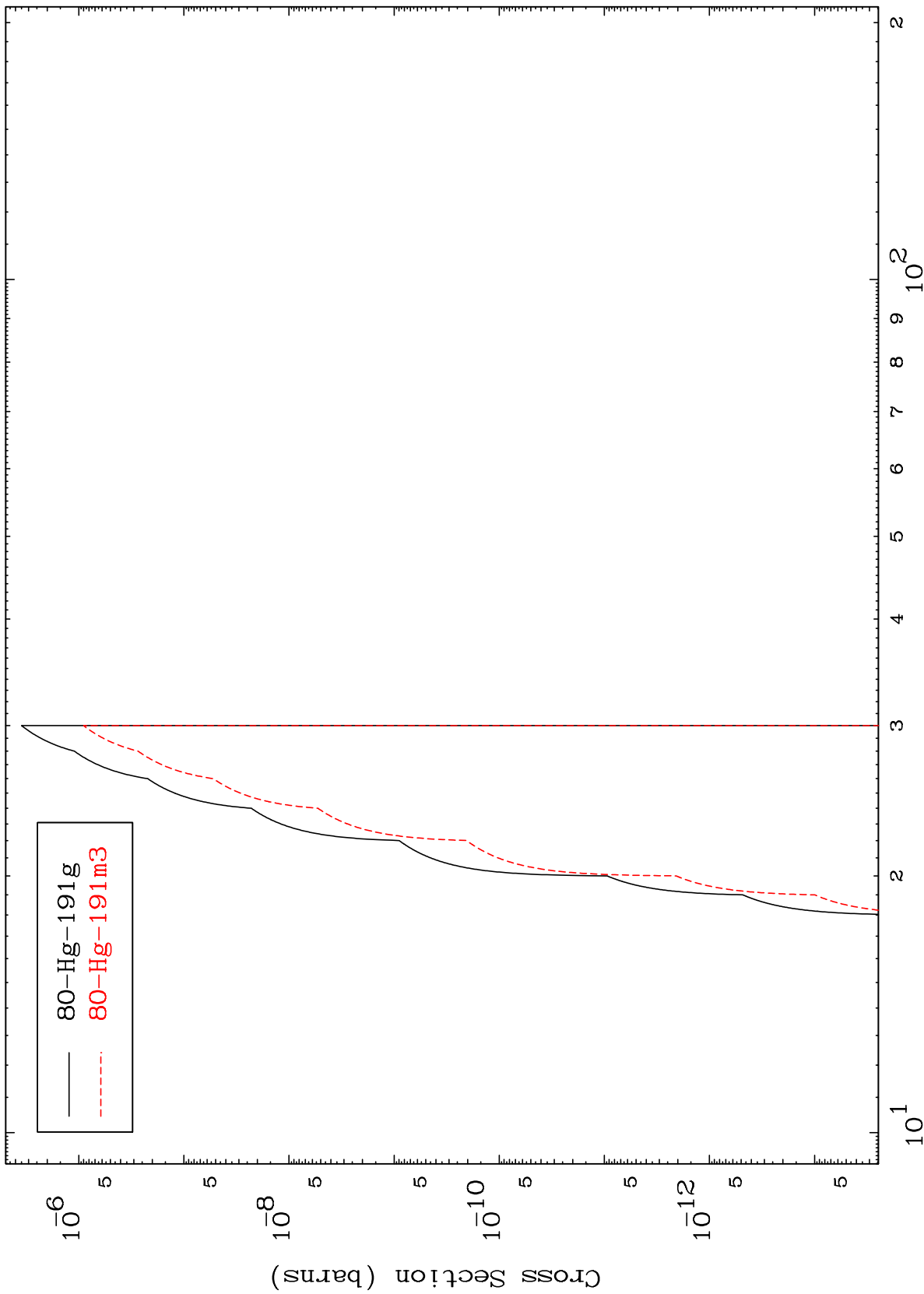


MAT 8096

(n,p) d

81-Tl-193m

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-193m

28