

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

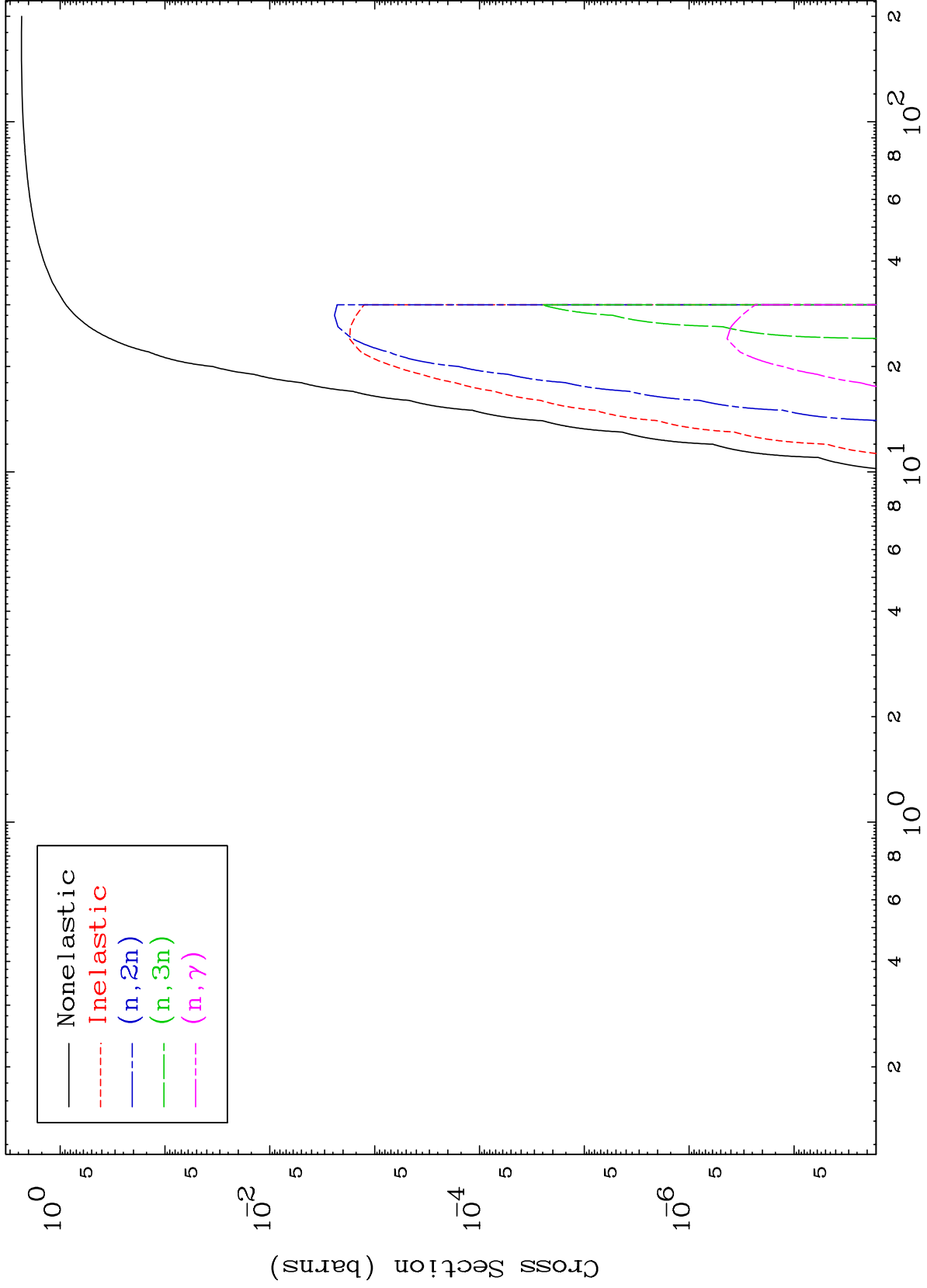
Press Mouse Button to Start

MAT 8086

He-3 Major

81-T1-190

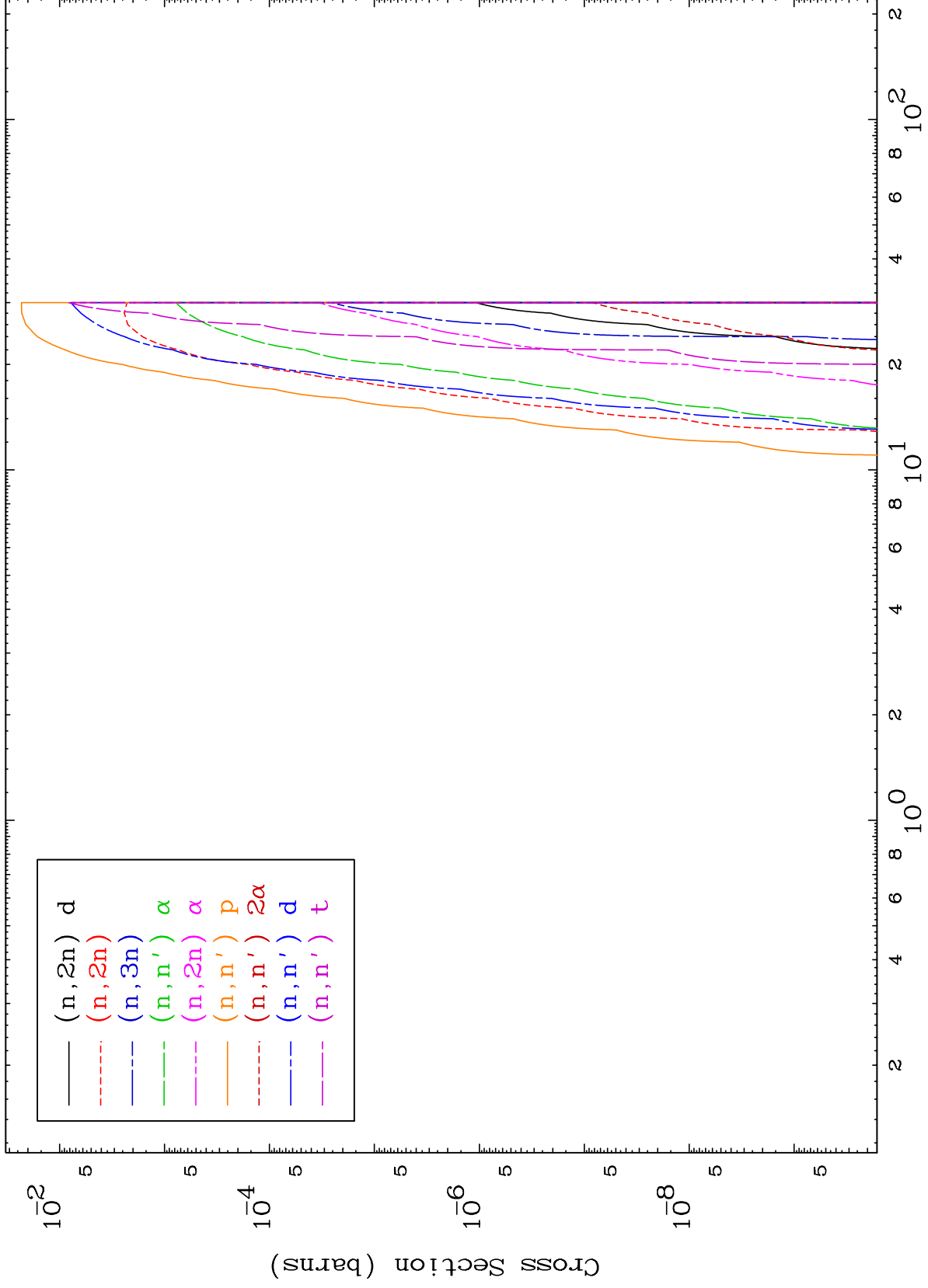
0 Kelvin Cross Sections

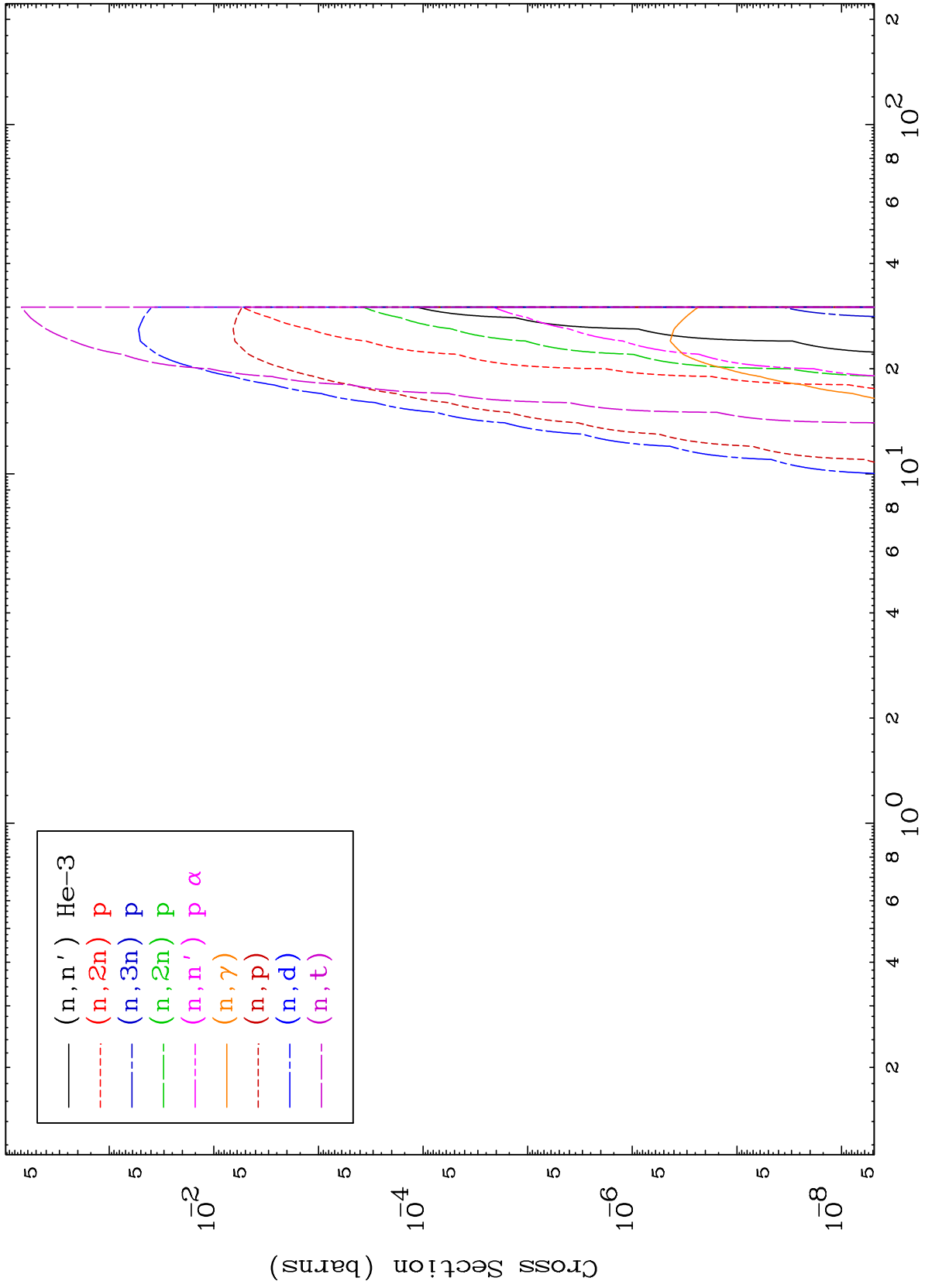


MAT 8086

He-3 Neutron Absorption
0 Kelvin Cross Sections

81-Tl-190

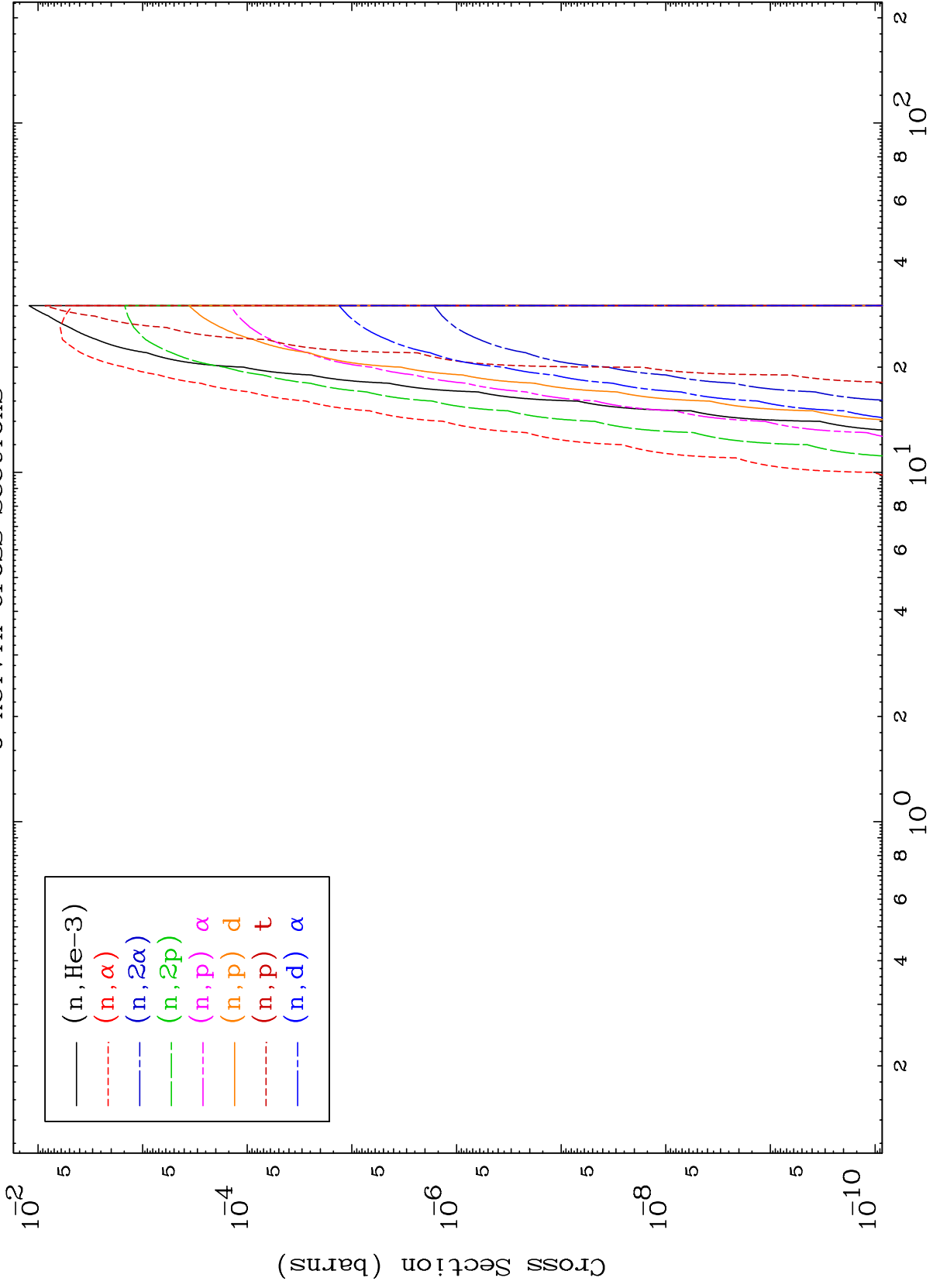


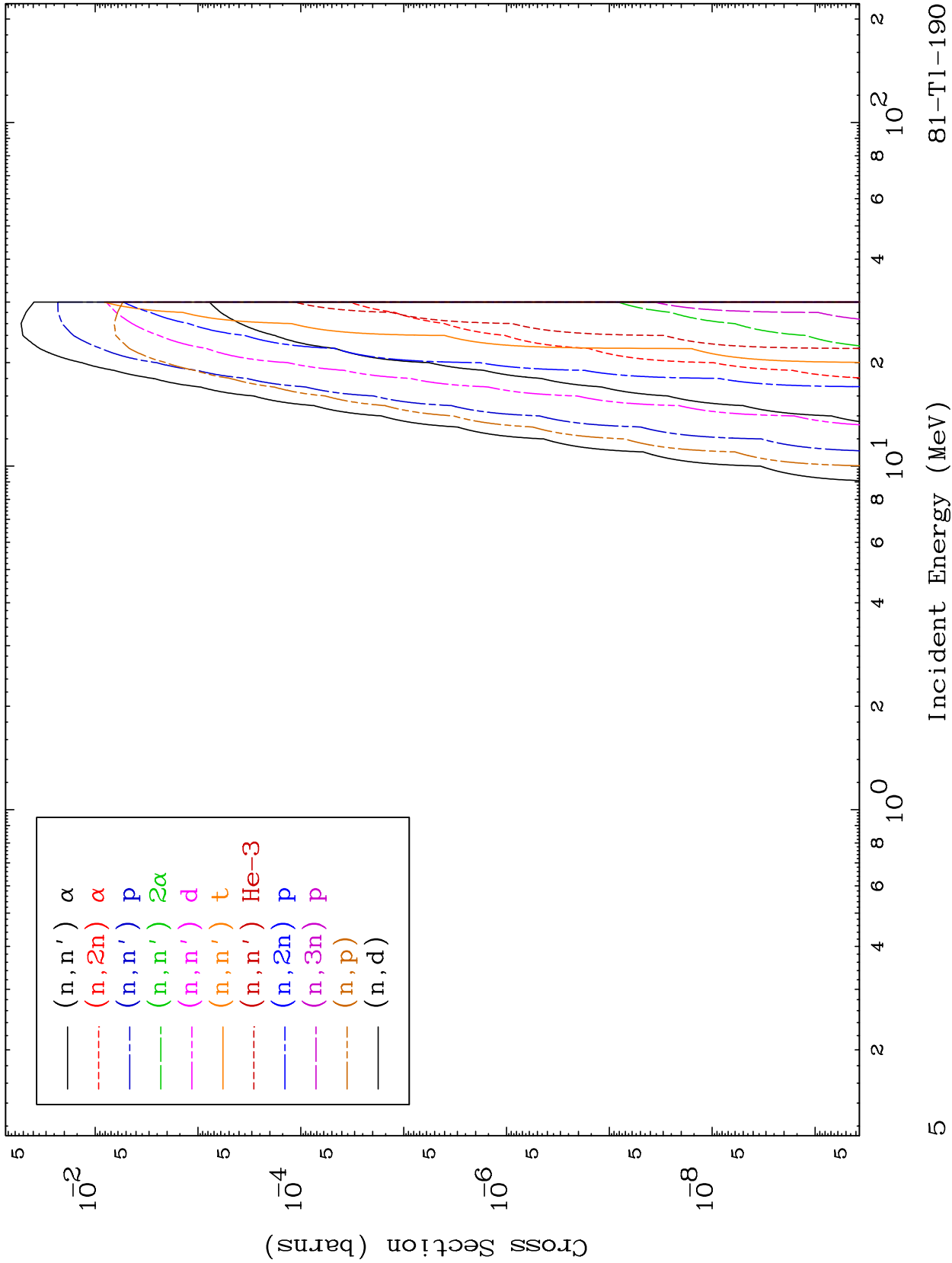


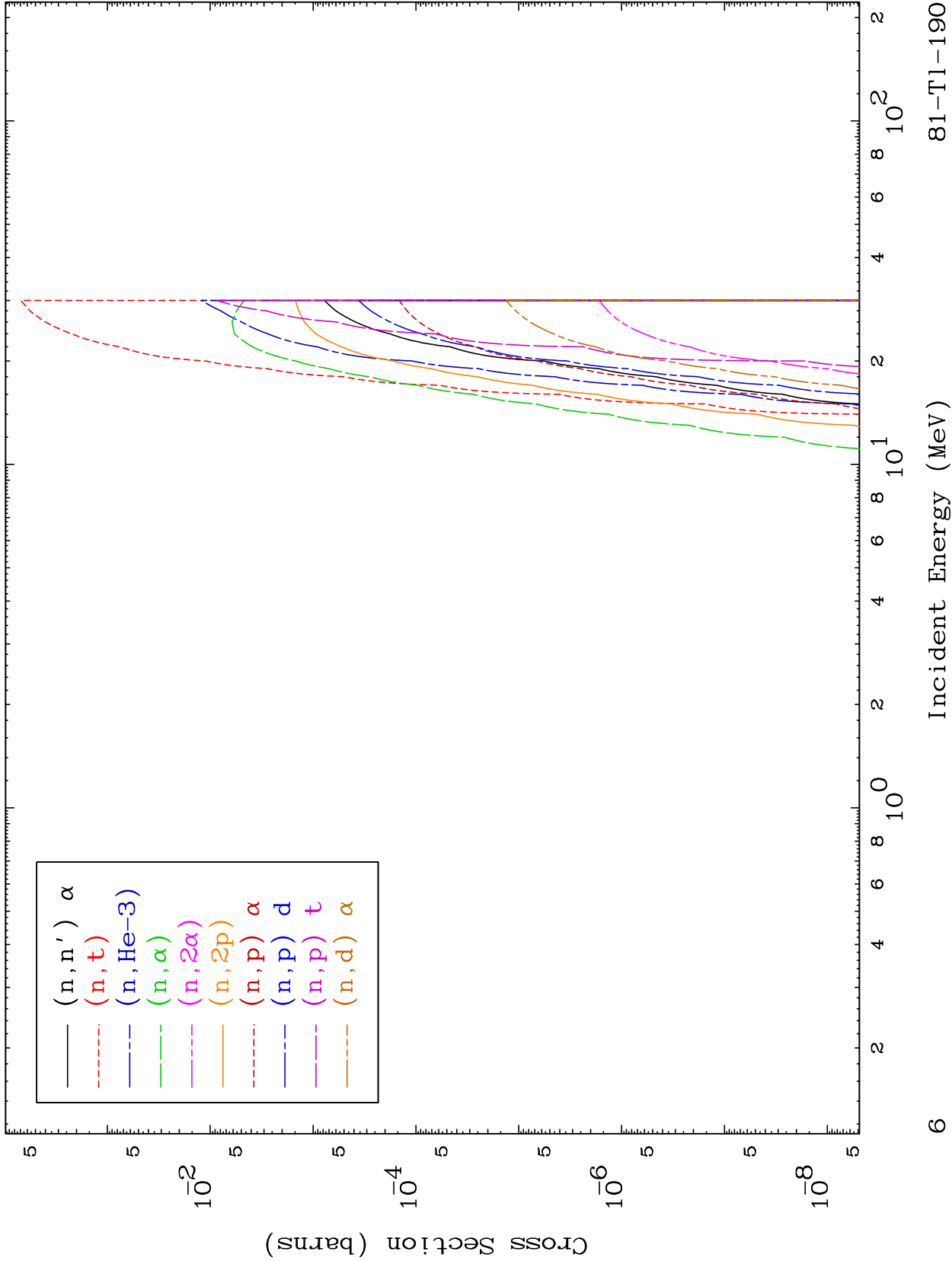
MAT 8086

He-3 Neutron Absorption
0 Kelvin Cross Sections

81-Tl-190





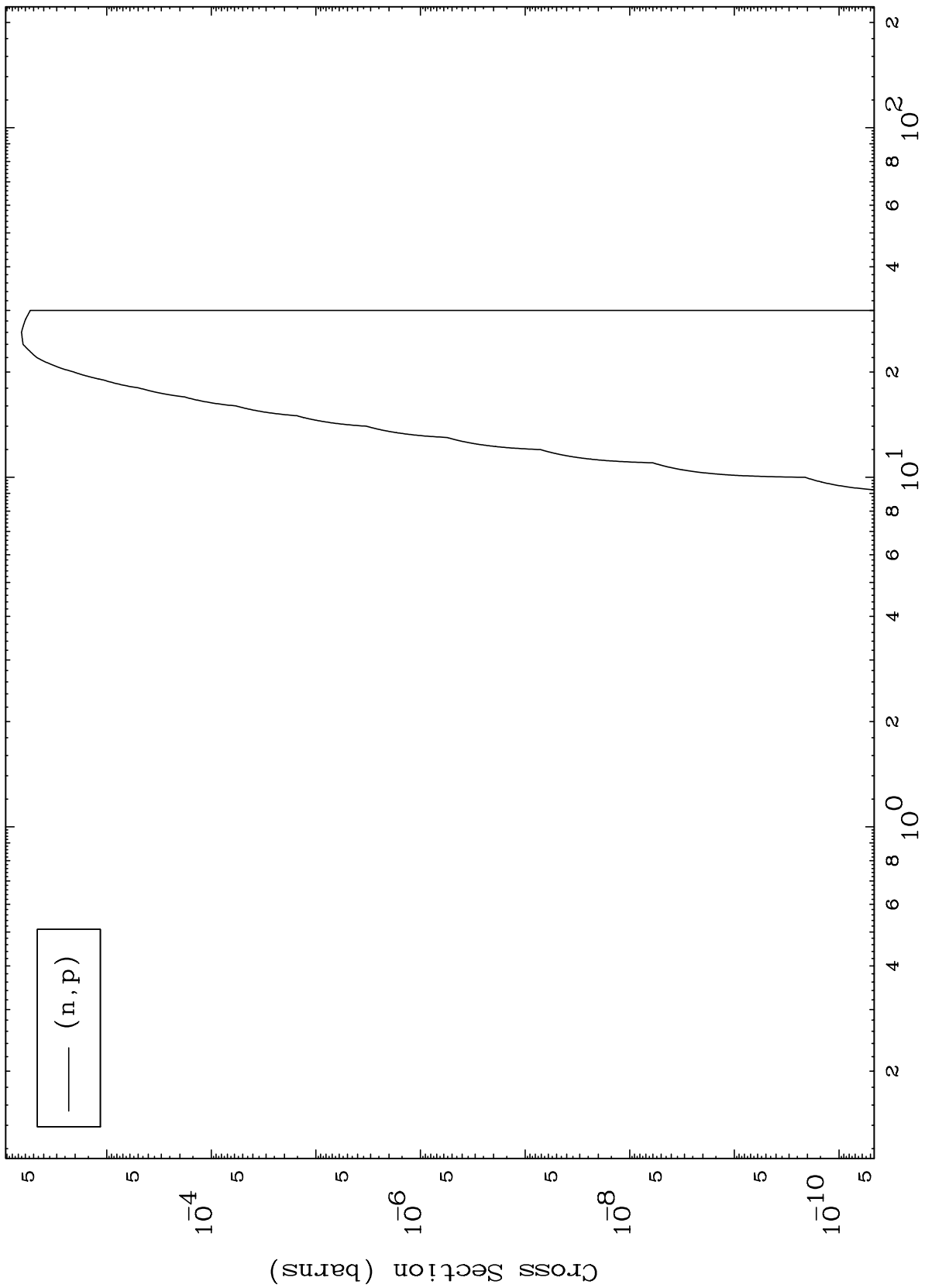


MAT 8086

(He-3,p) Levels

81-T1-190

0 Kelvin Cross Sections

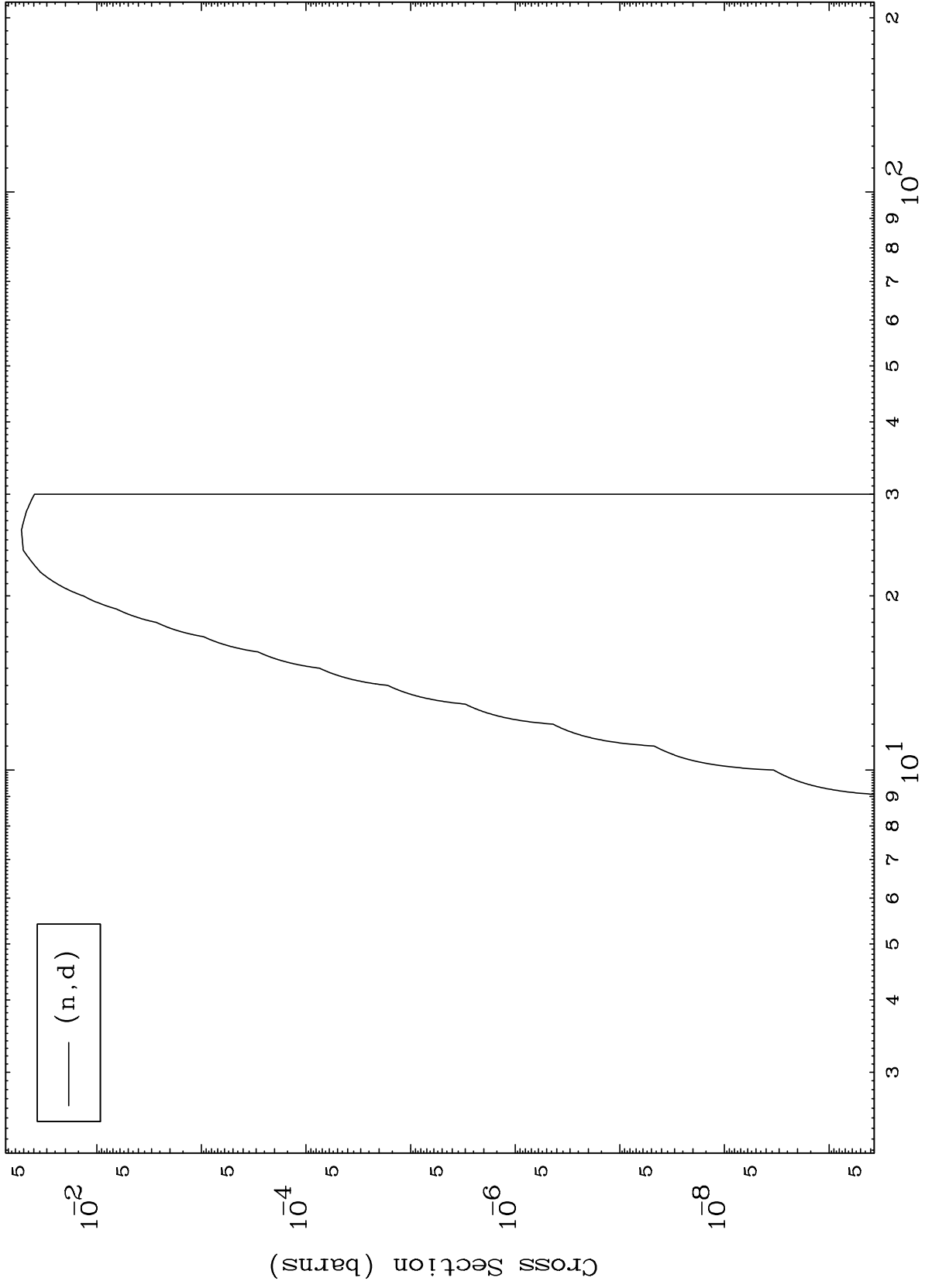


(n,p)

MAT 8086

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

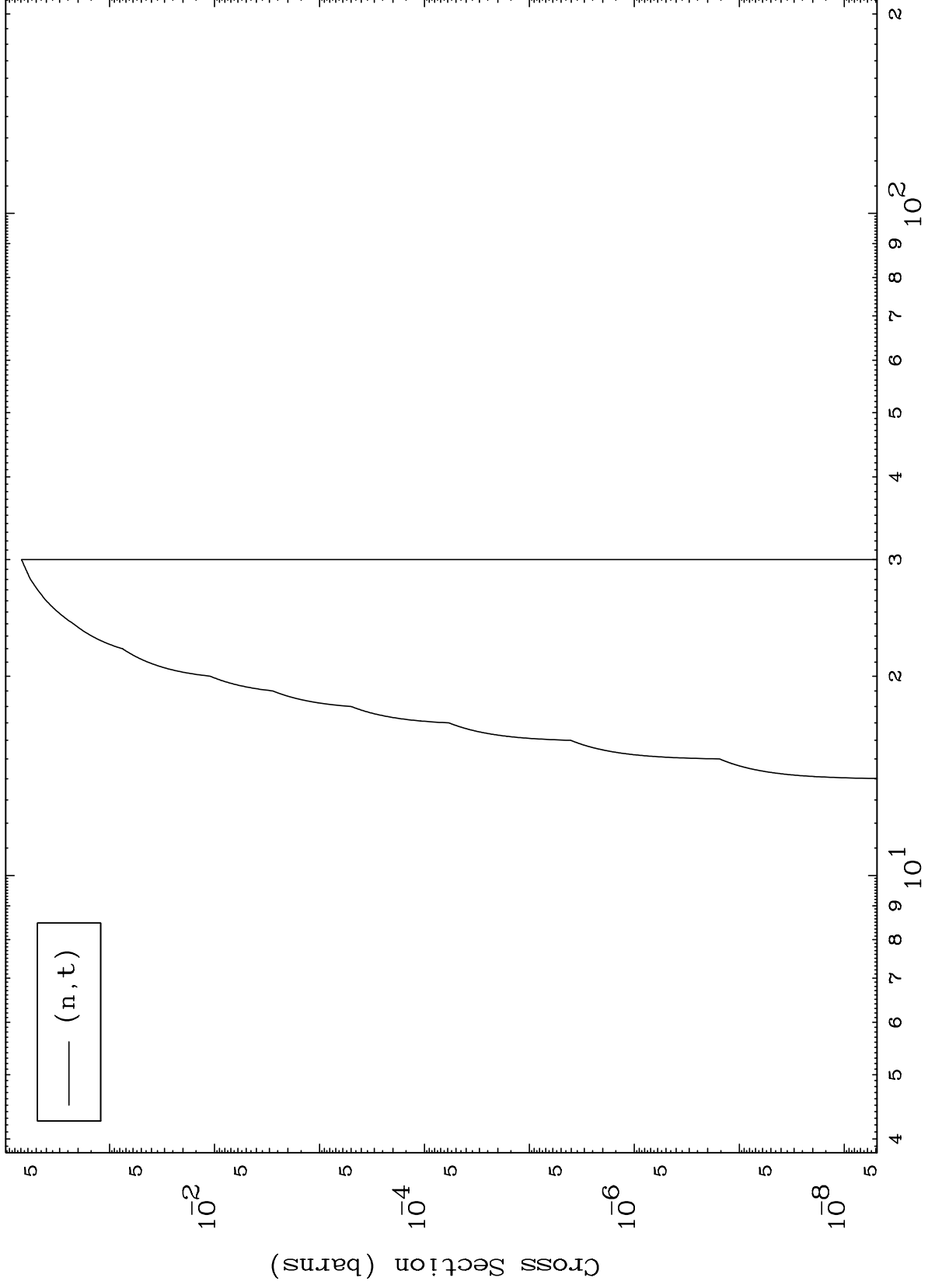
81-T1-190



MAT 8086

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

81-T1-190



9

Incident Energy (MeV)

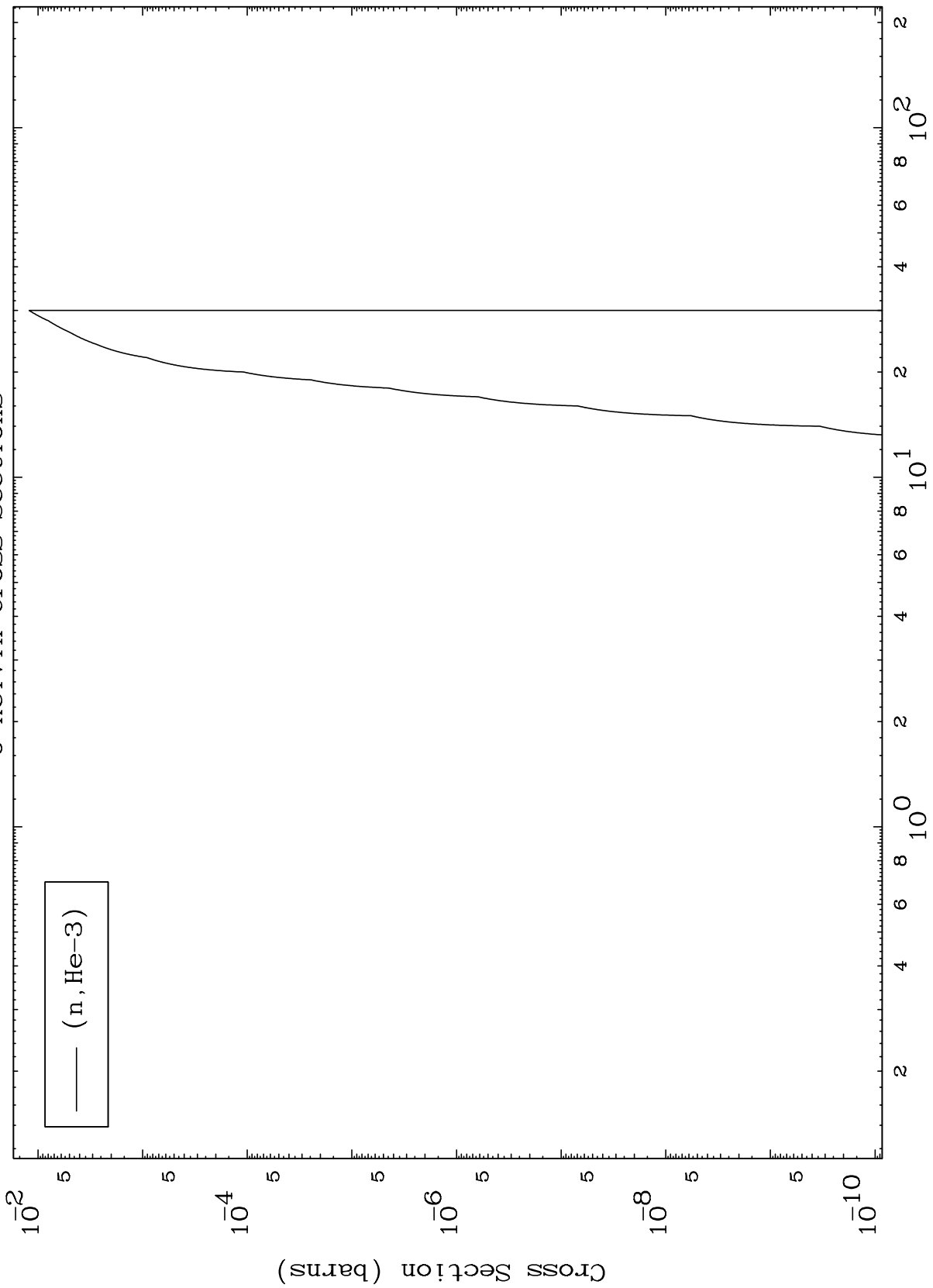
81-T1-190

MAT 8086

(He-3, He3) Levels

81-T1-190

0 Kelvin Cross Sections



10

Incident Energy (MeV)

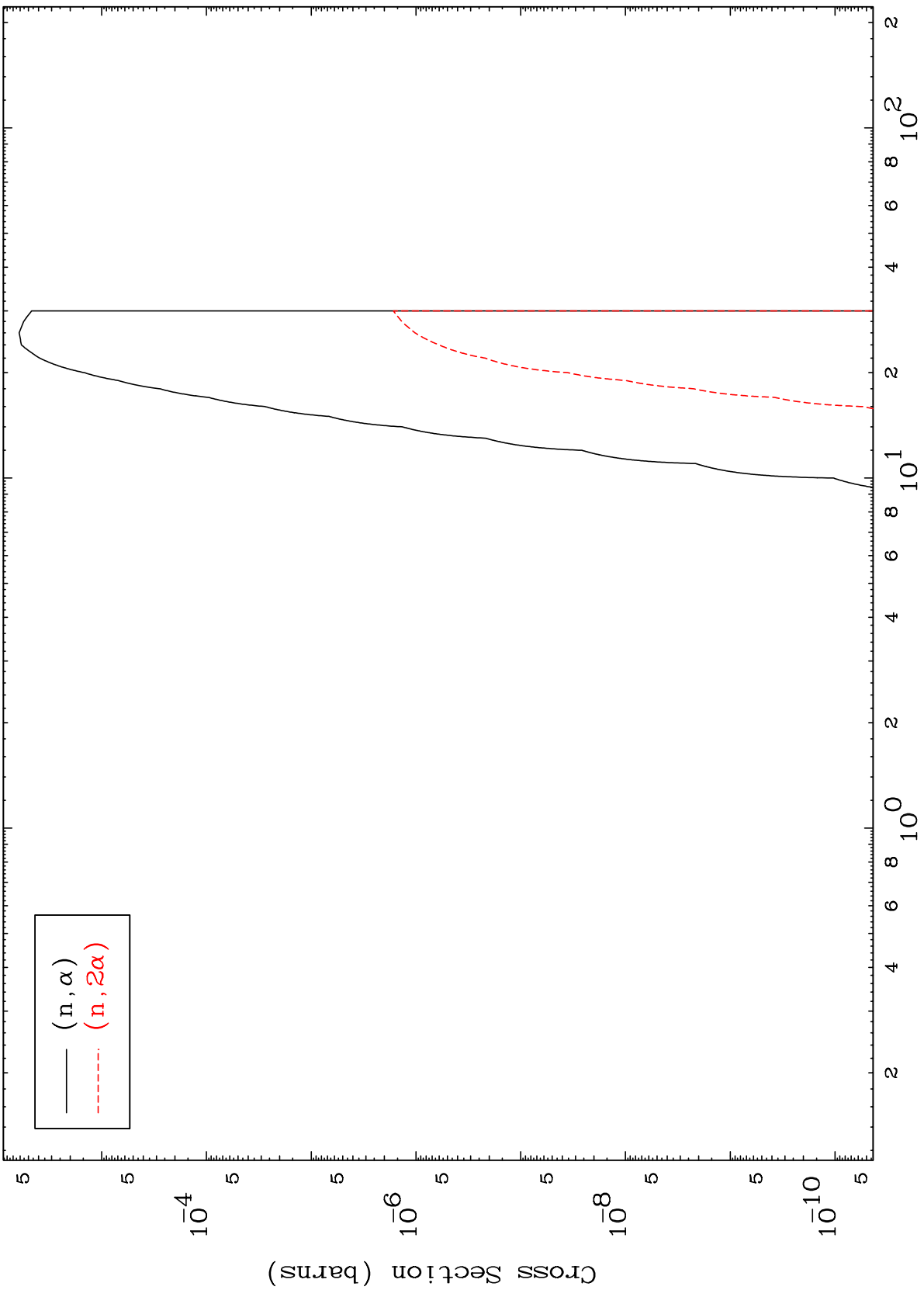
81-T1-190

MAT 8086

(He-3, α) Levels

81-T1-190

0 Kelvin Cross Sections

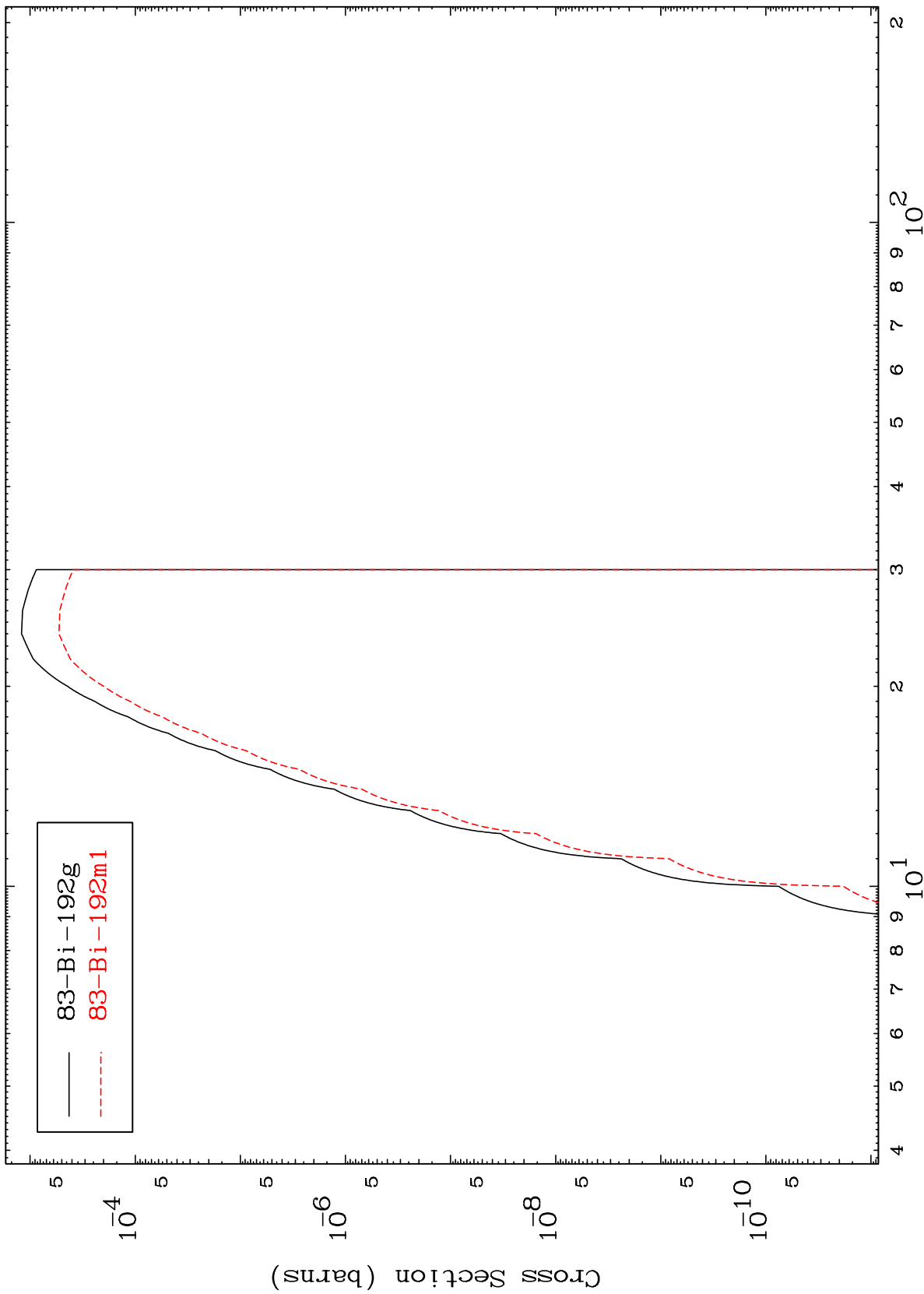


— (n, α)
- - - (n, 2α)

MAT 8086

81-Tl-190

Inelastic
Radionuclide Production Cross Section



— 83-Bi-192g
- - - 83-Bi-192m1

81-Tl-190

Incident Energy (MeV)

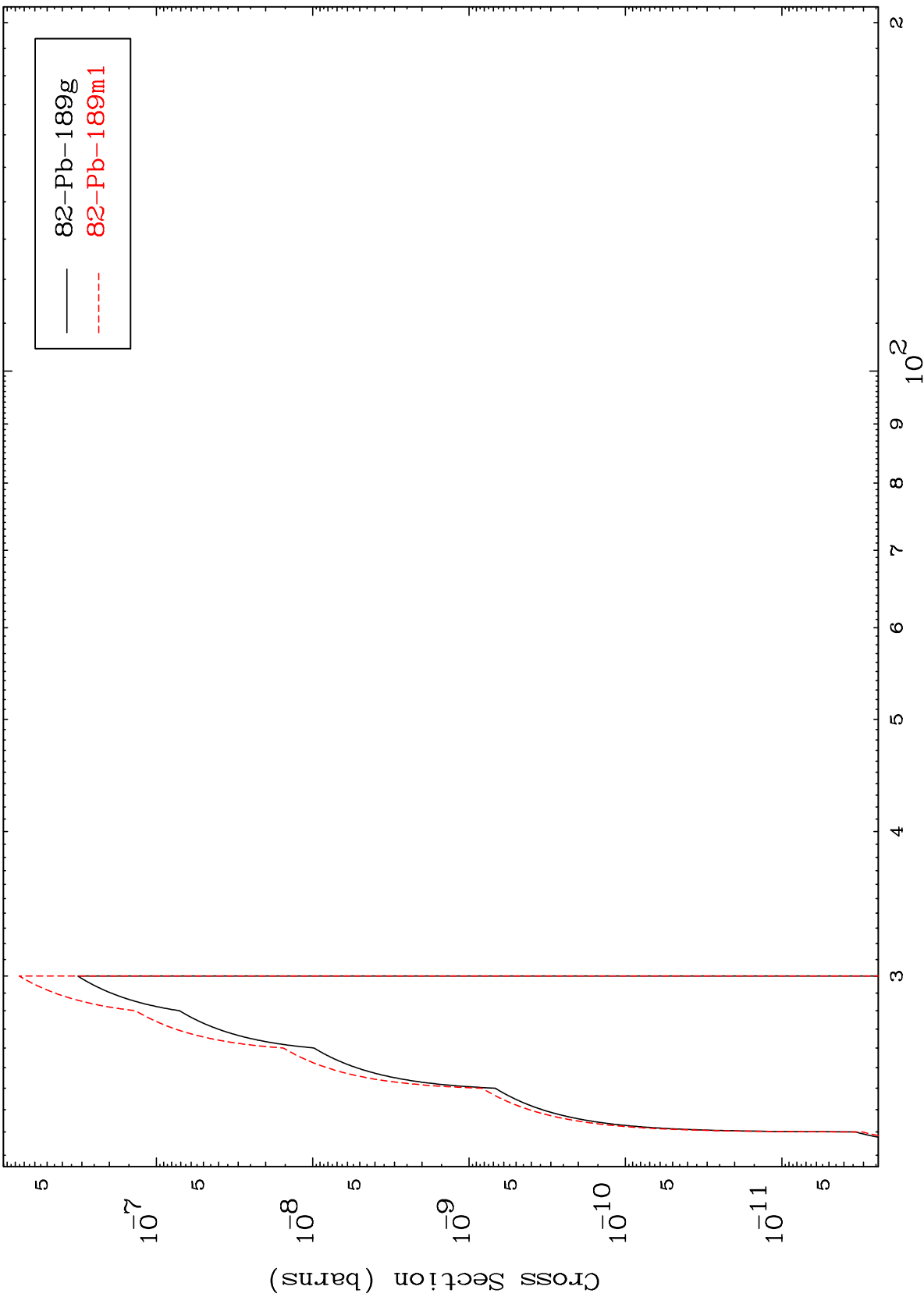
12

MAT 8086

(n,2n) d

81-Tl-190

Radionuclide Production Cross Section



82-Pb-189g
82-Pb-189m1

13

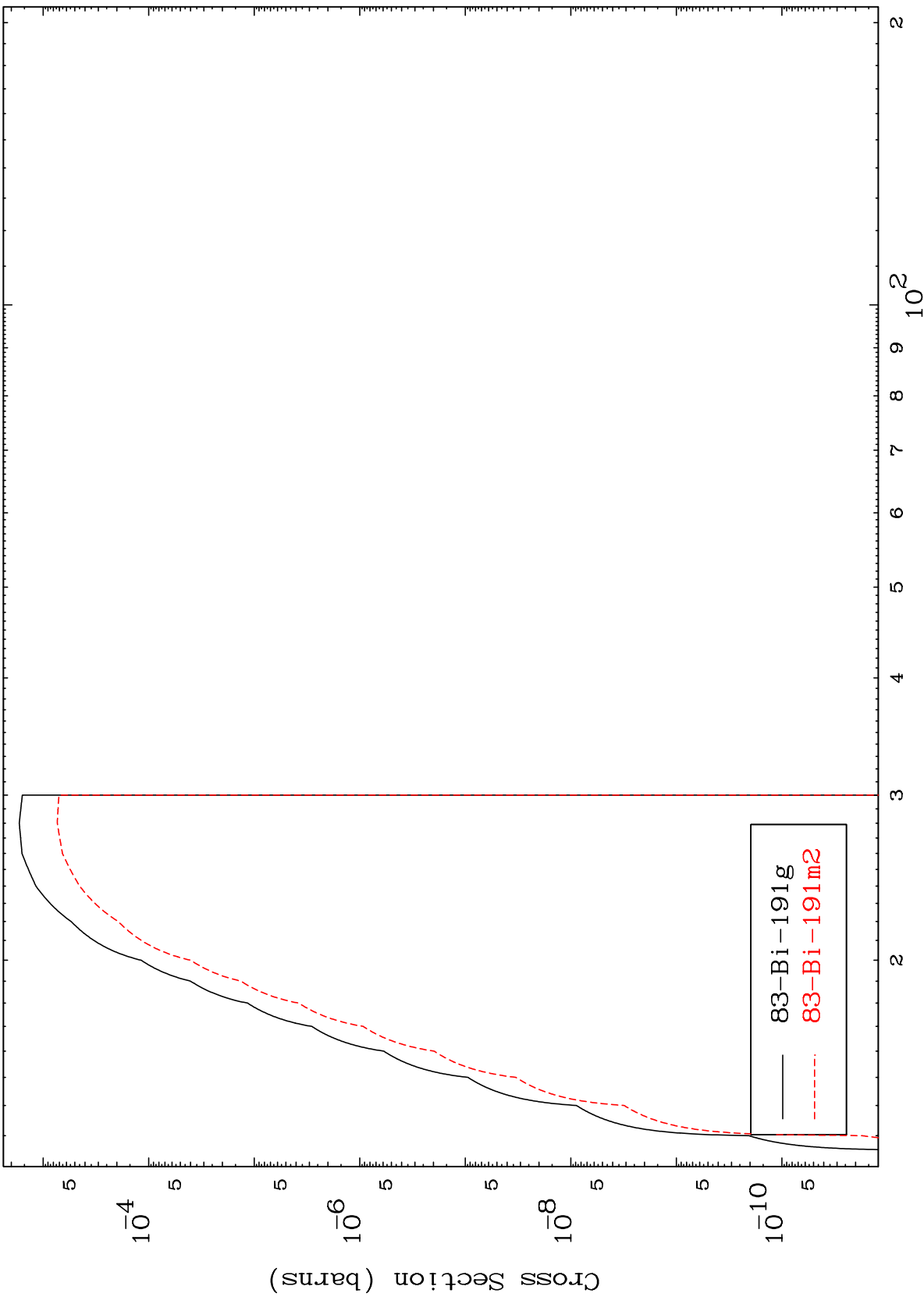
Incident Energy (MeV)

81-Tl-190

MAT 8086

81-T1-190

Radionuclide Production Cross Section
(n,2n)



81-T1-190

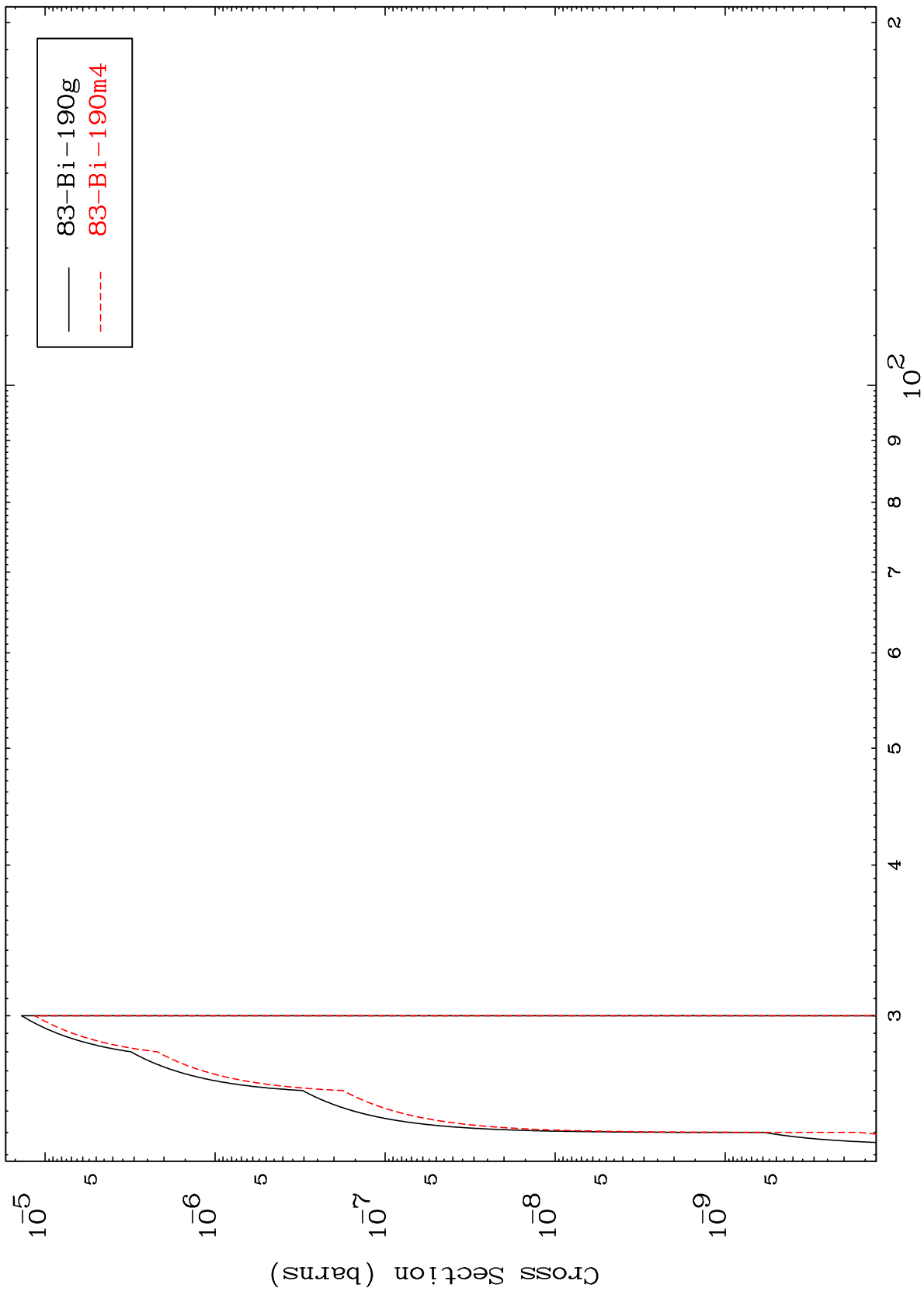
Incident Energy (MeV)

14

MAT 8086

81-Tl-190

(n,3n)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

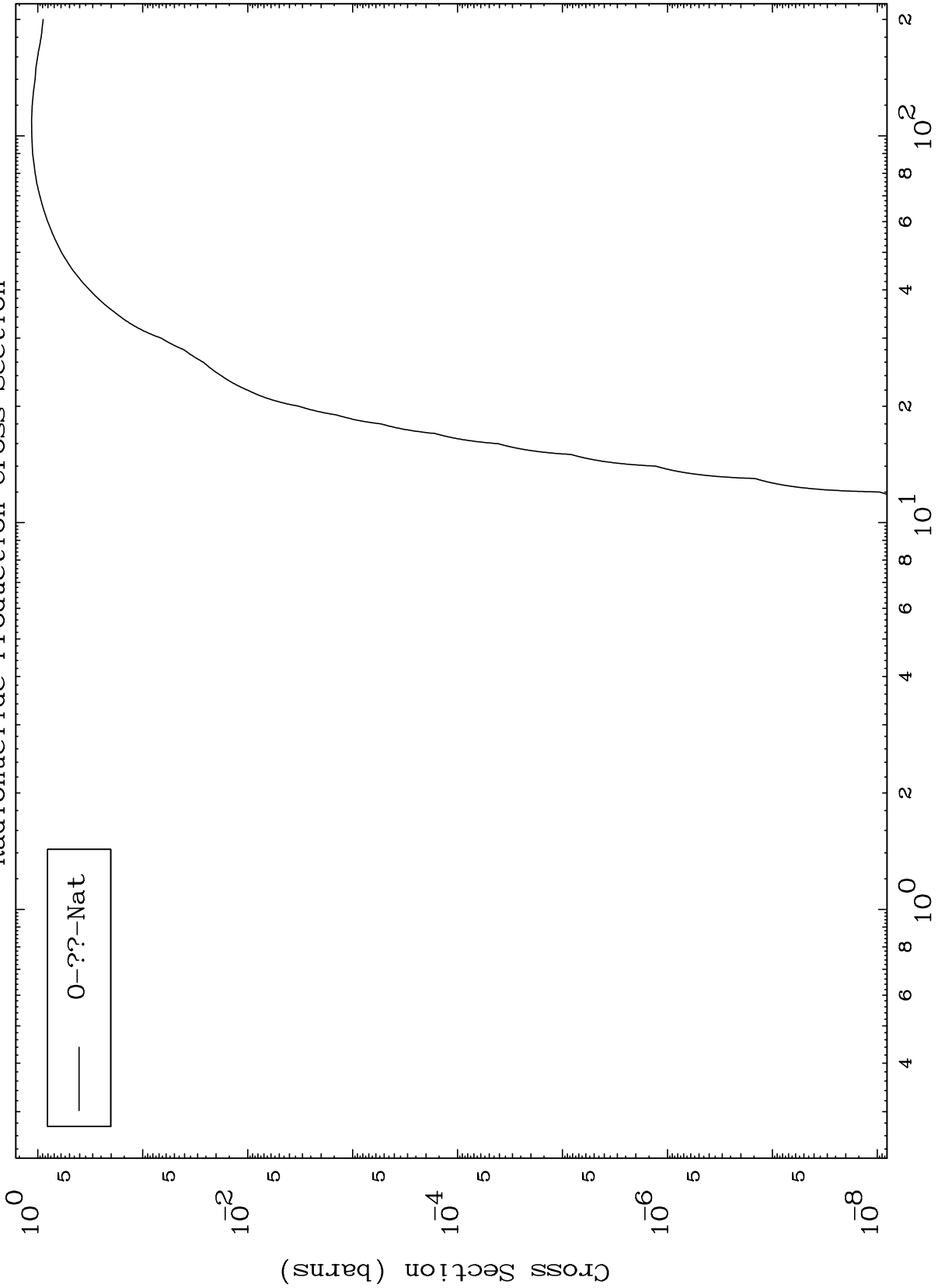
81-Tl-190

MAT 8086

Fission

81-Tl-190

Radionuclide Production Cross Section



16

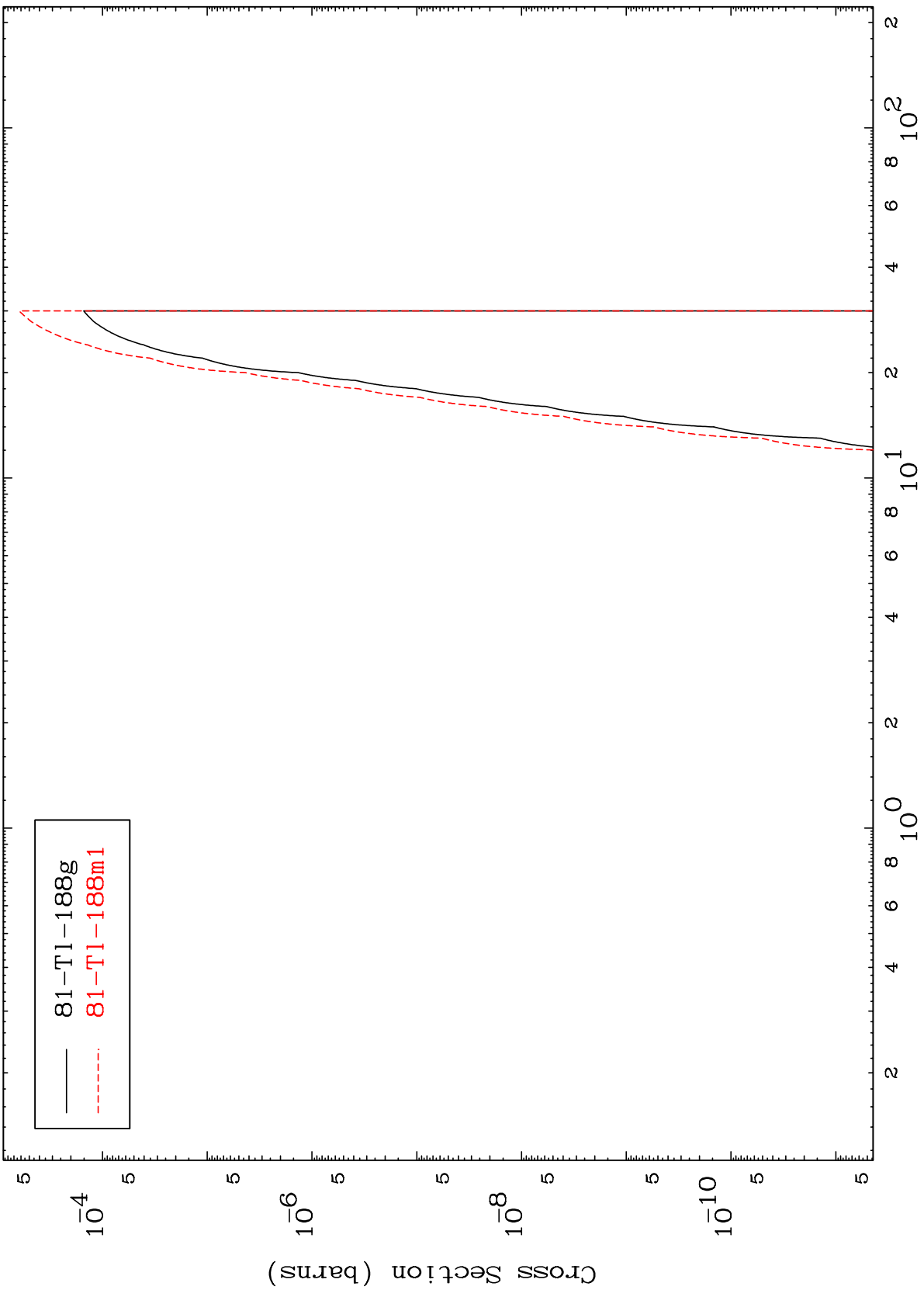
81-Tl-190

MAT 8086

$(n, n') \alpha$

81-Tl-190

Radionuclide Production Cross Section

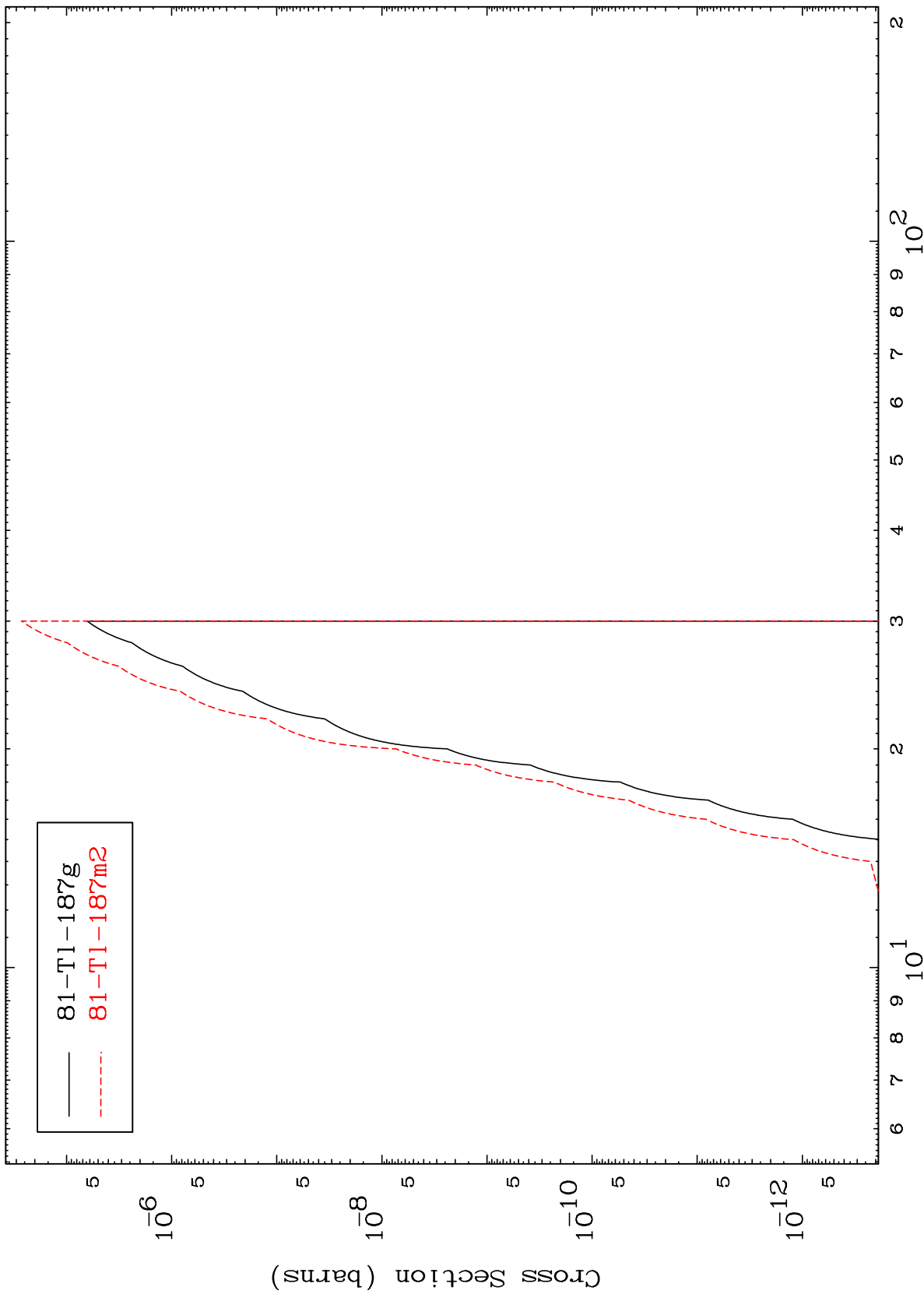


MAT 8086

(n,2n) α

81-Tl-190

Radionuclide Production Cross Section



18

Incident Energy (MeV)

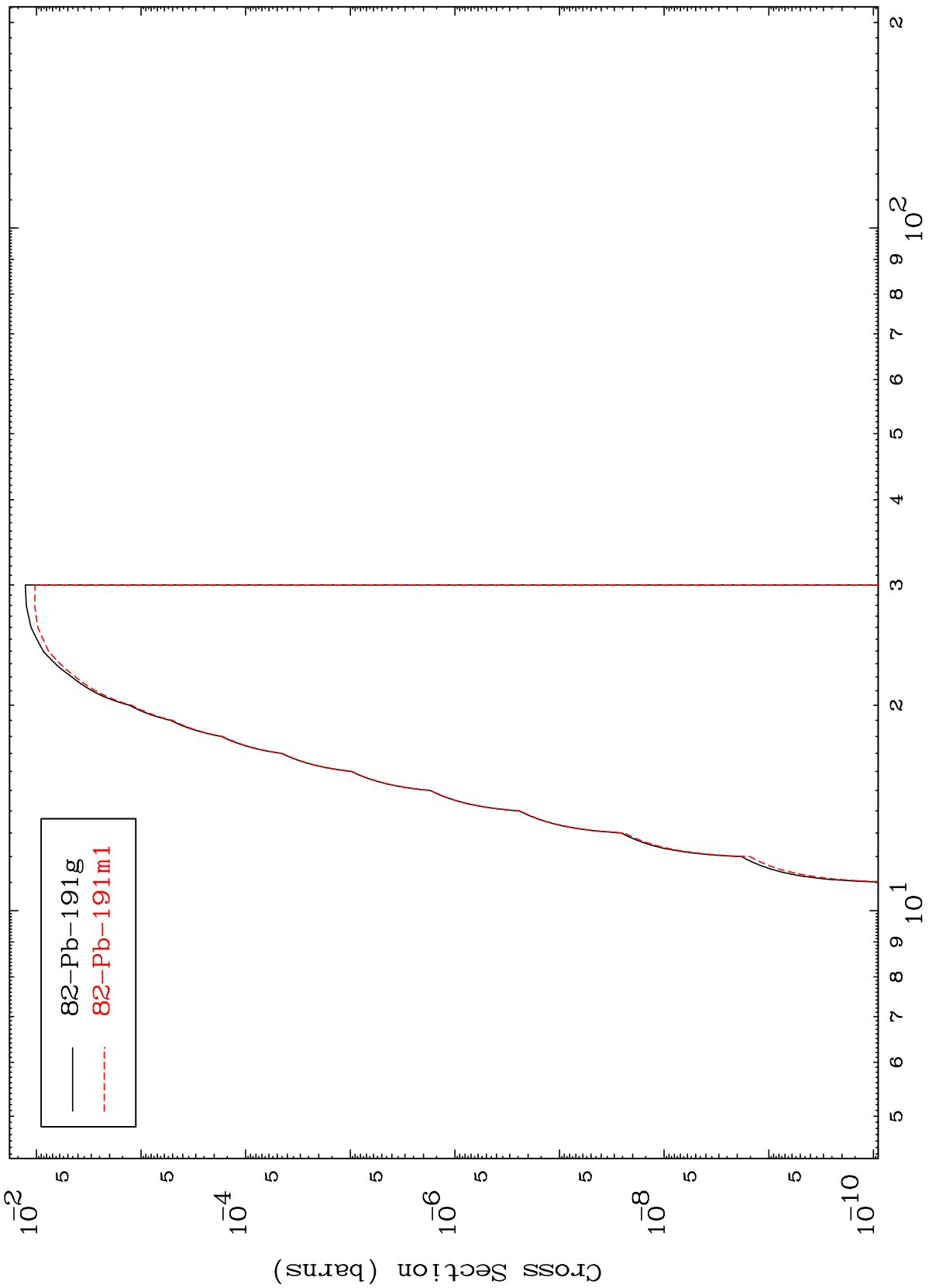
81-Tl-190

MAT 8086

(n,n') p

81-Tl-190

Radionuclide Production Cross Section



19

Incident Energy (MeV)

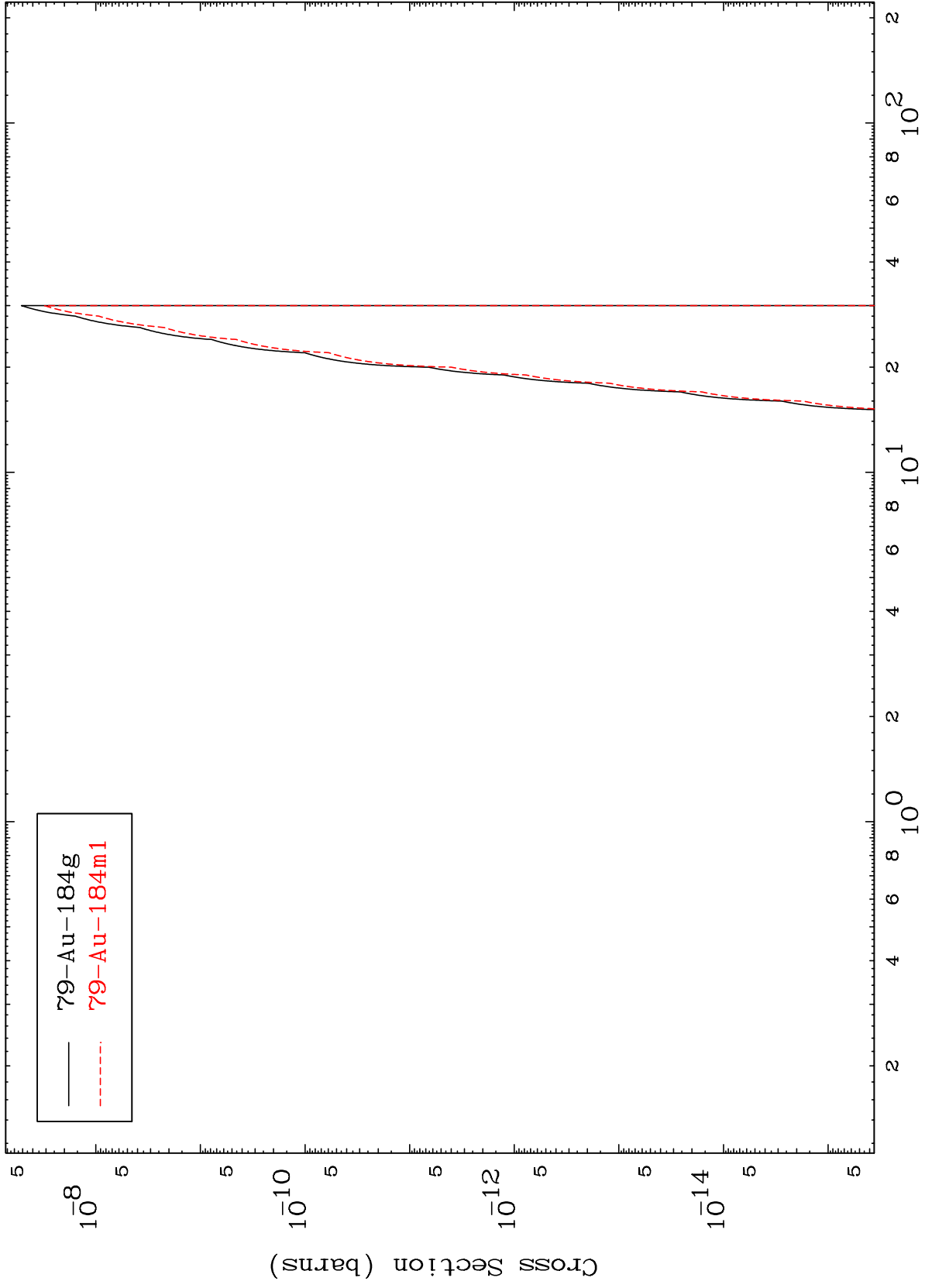
81-Tl-190

MAT 8086

(n,n') 2α

81-Tl-190

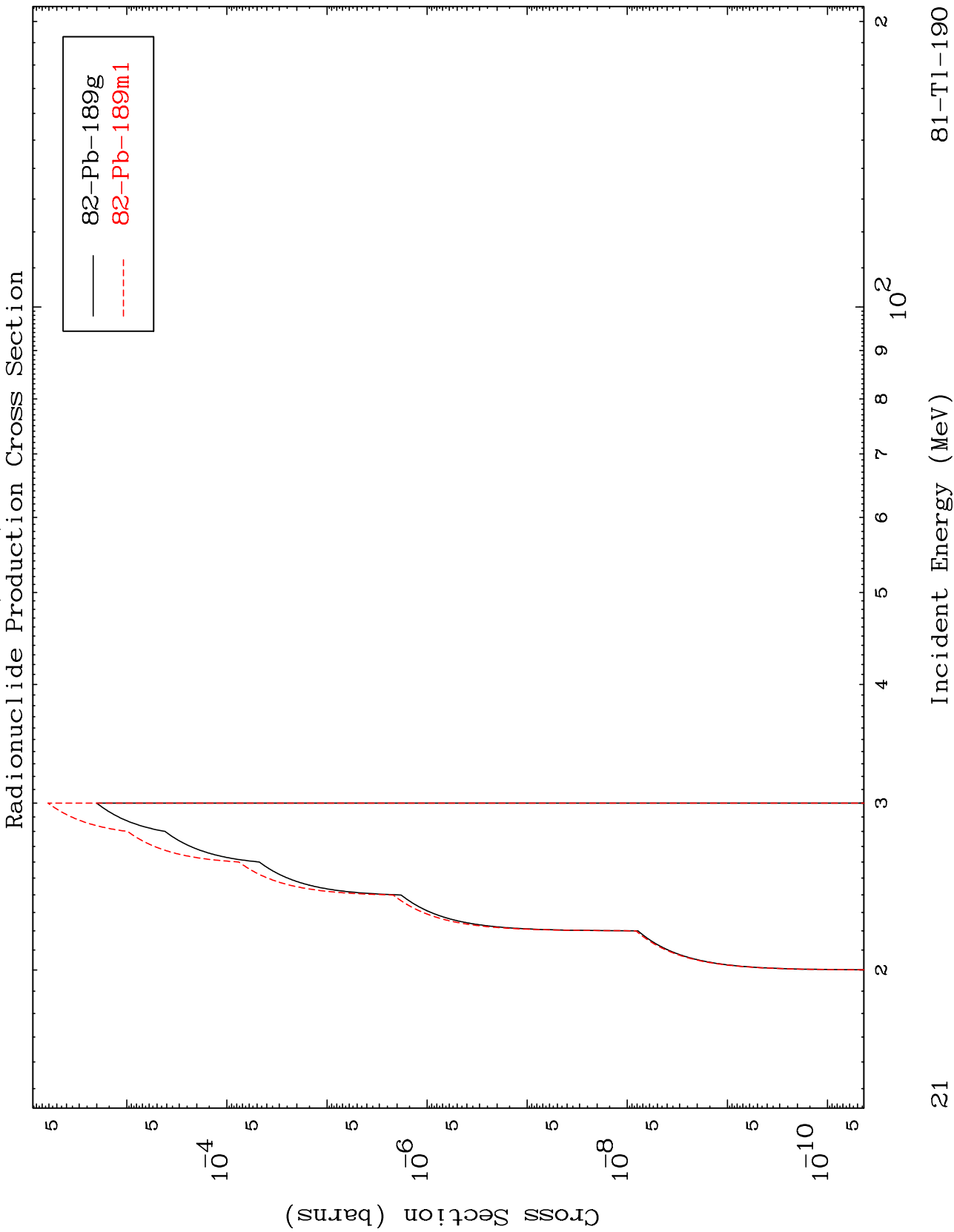
Radionuclide Production Cross Section



20

Incident Energy (MeV)

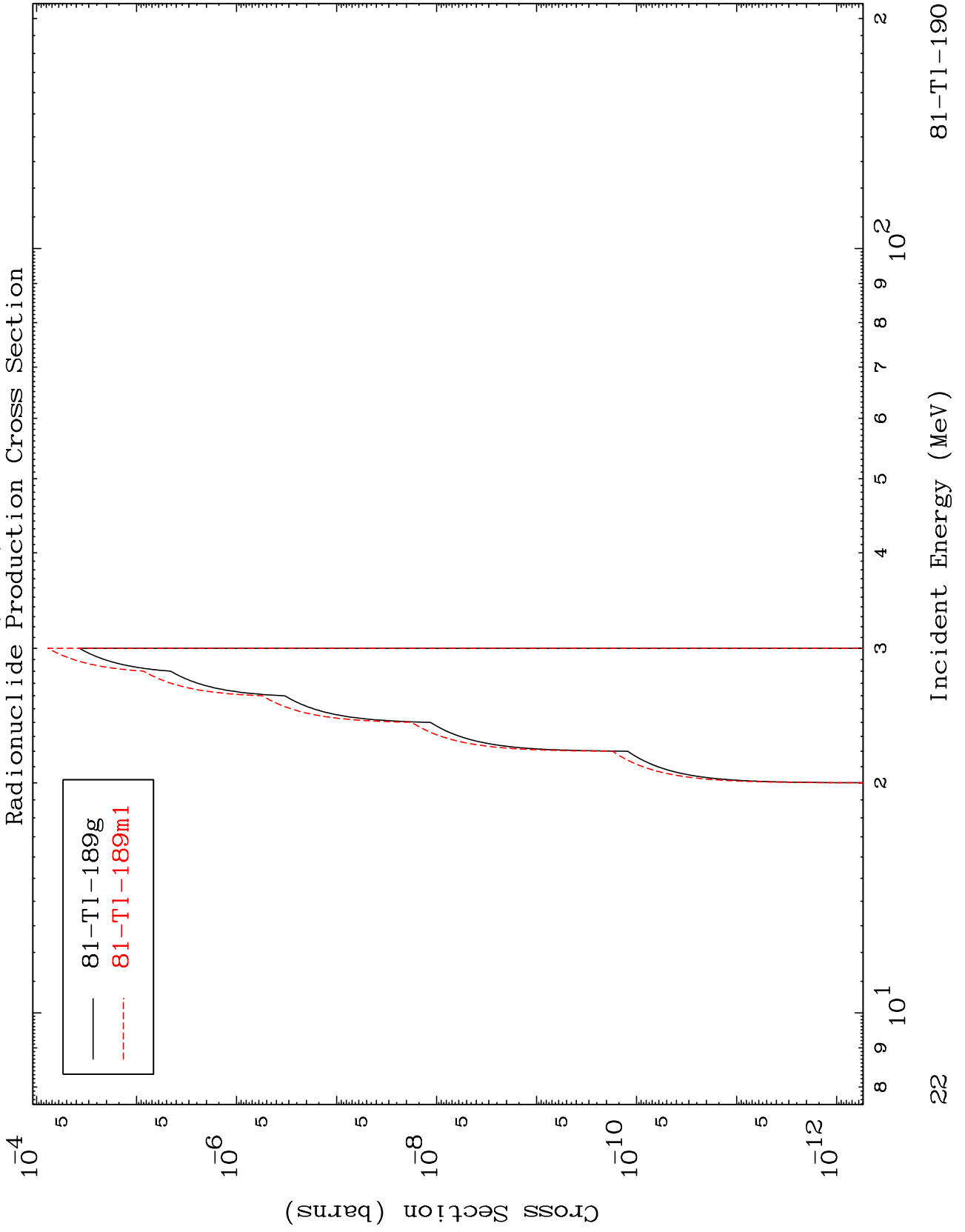
81-Tl-190



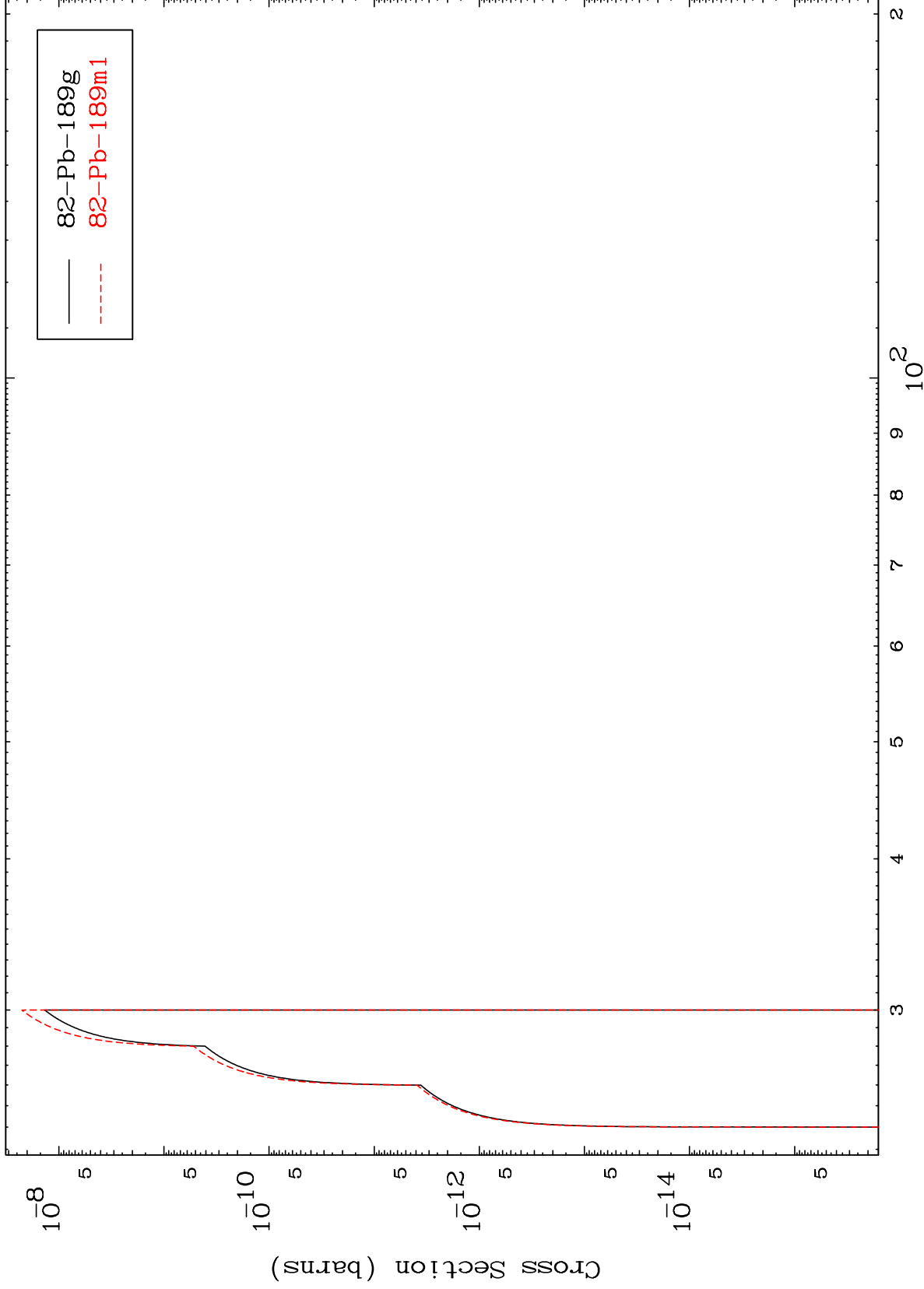
MAT 8086

(n,n') He-3

81-Tl-190



Radionuclide Production Cross Section

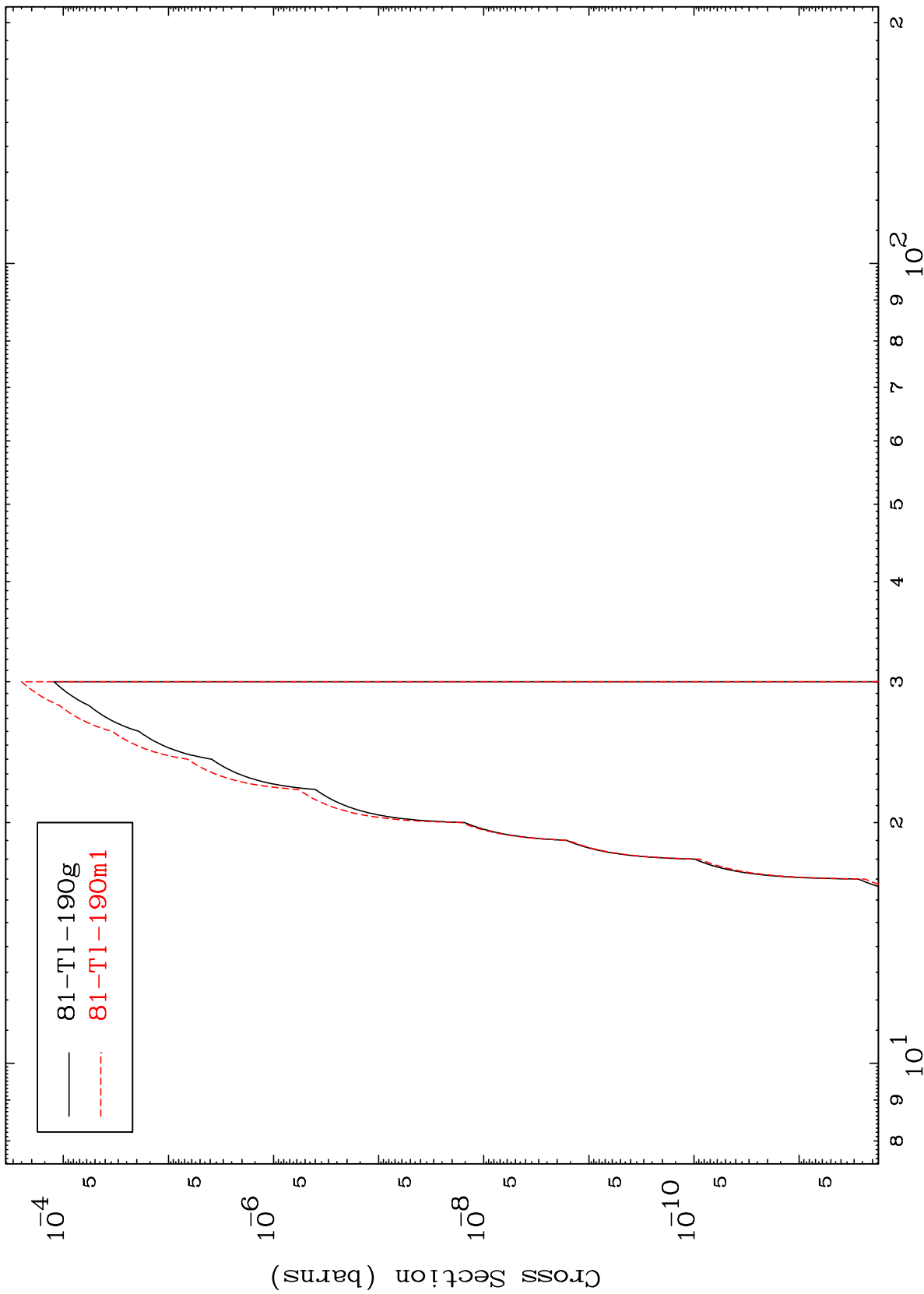


MAT 8086

(n,2n) p

81-Tl-190

Radionuclide Production Cross Section



24

Incident Energy (MeV)

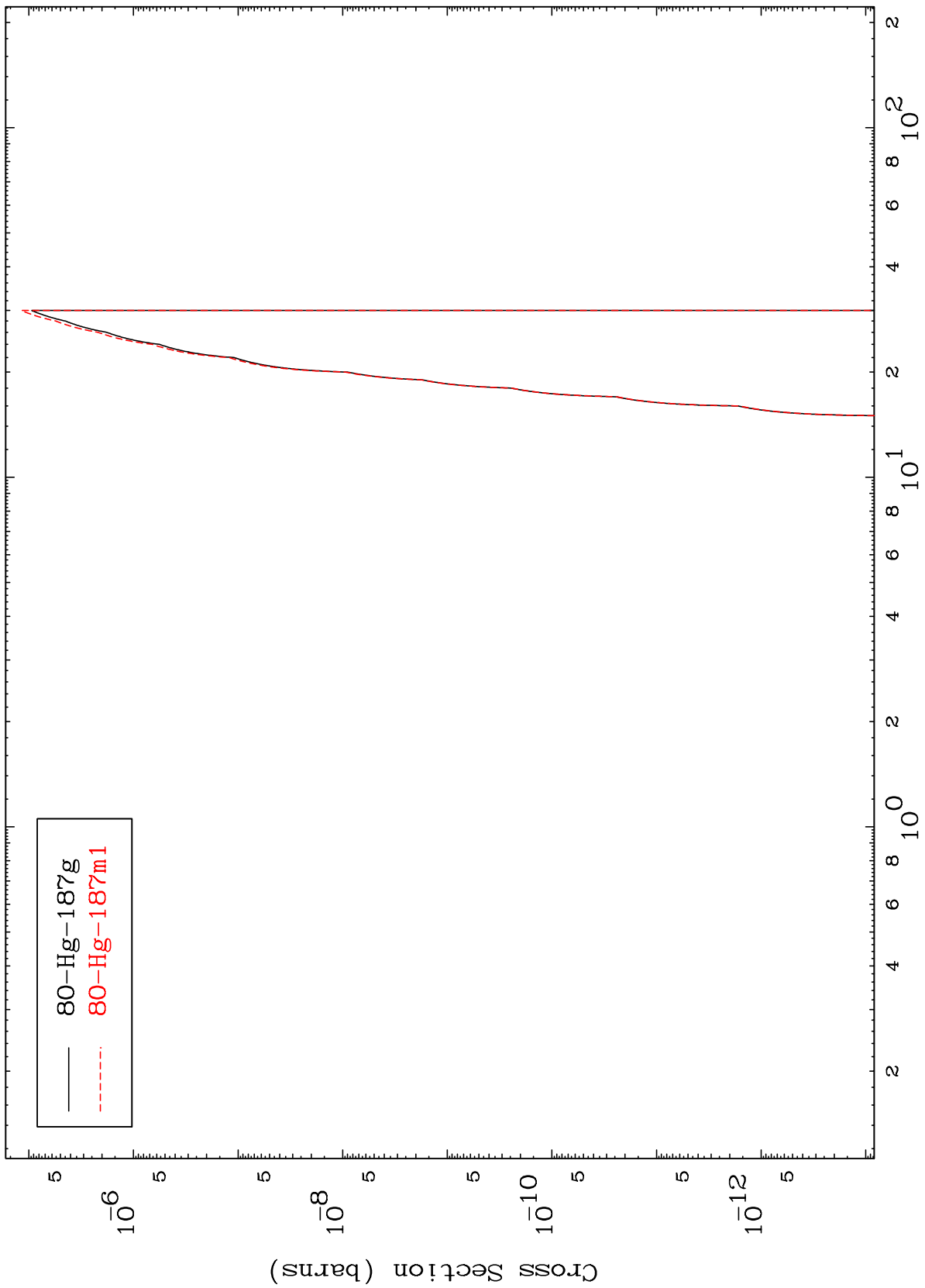
81-Tl-190

MAT 8086

(n,n') p α

81-Tl-190

Radionuclide Production Cross Section

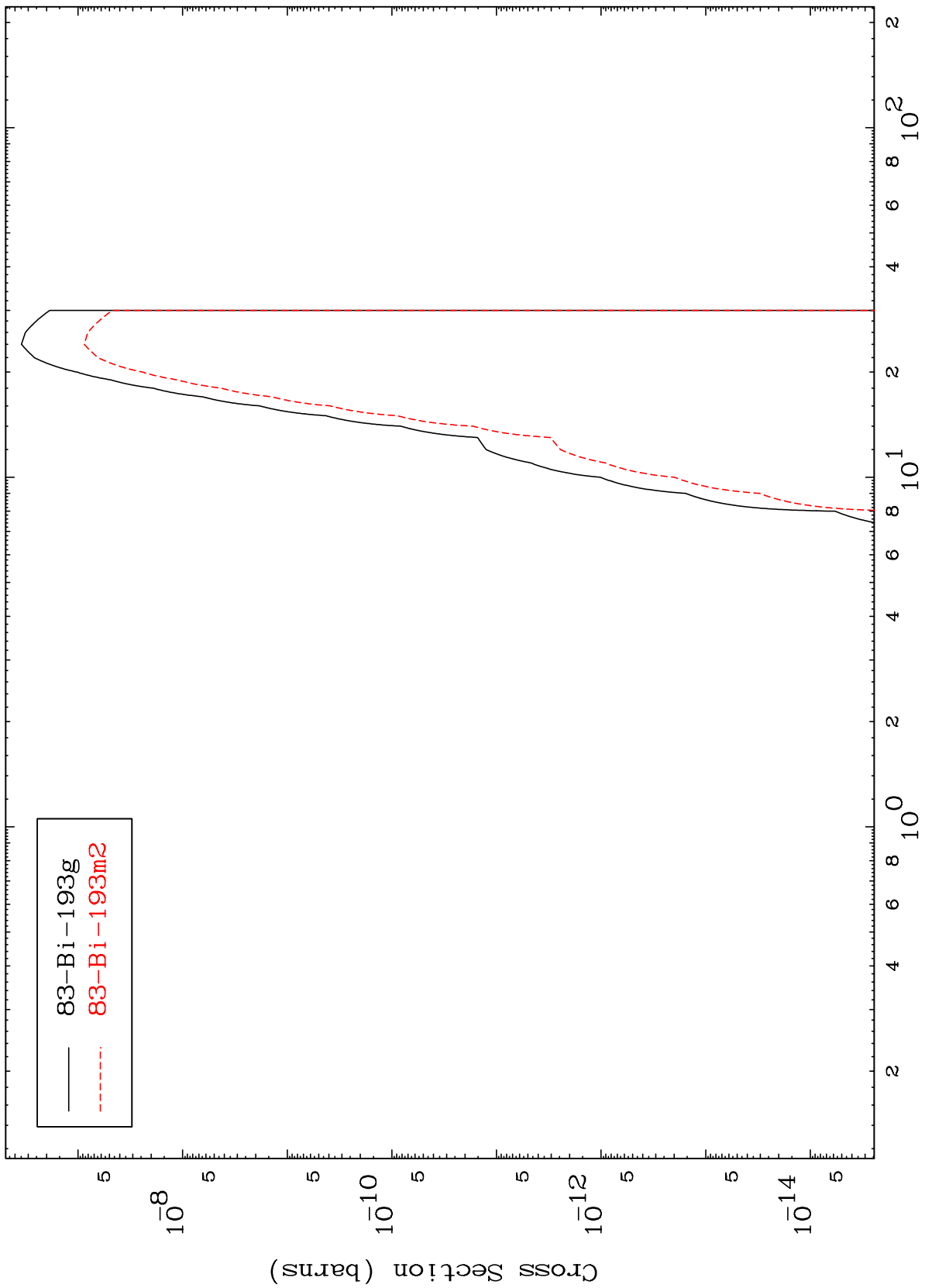


80-Hg-187g
80-Hg-187m1

MAT 8086

81-Tl-190

(n,γ)
Radionuclide Production Cross Section

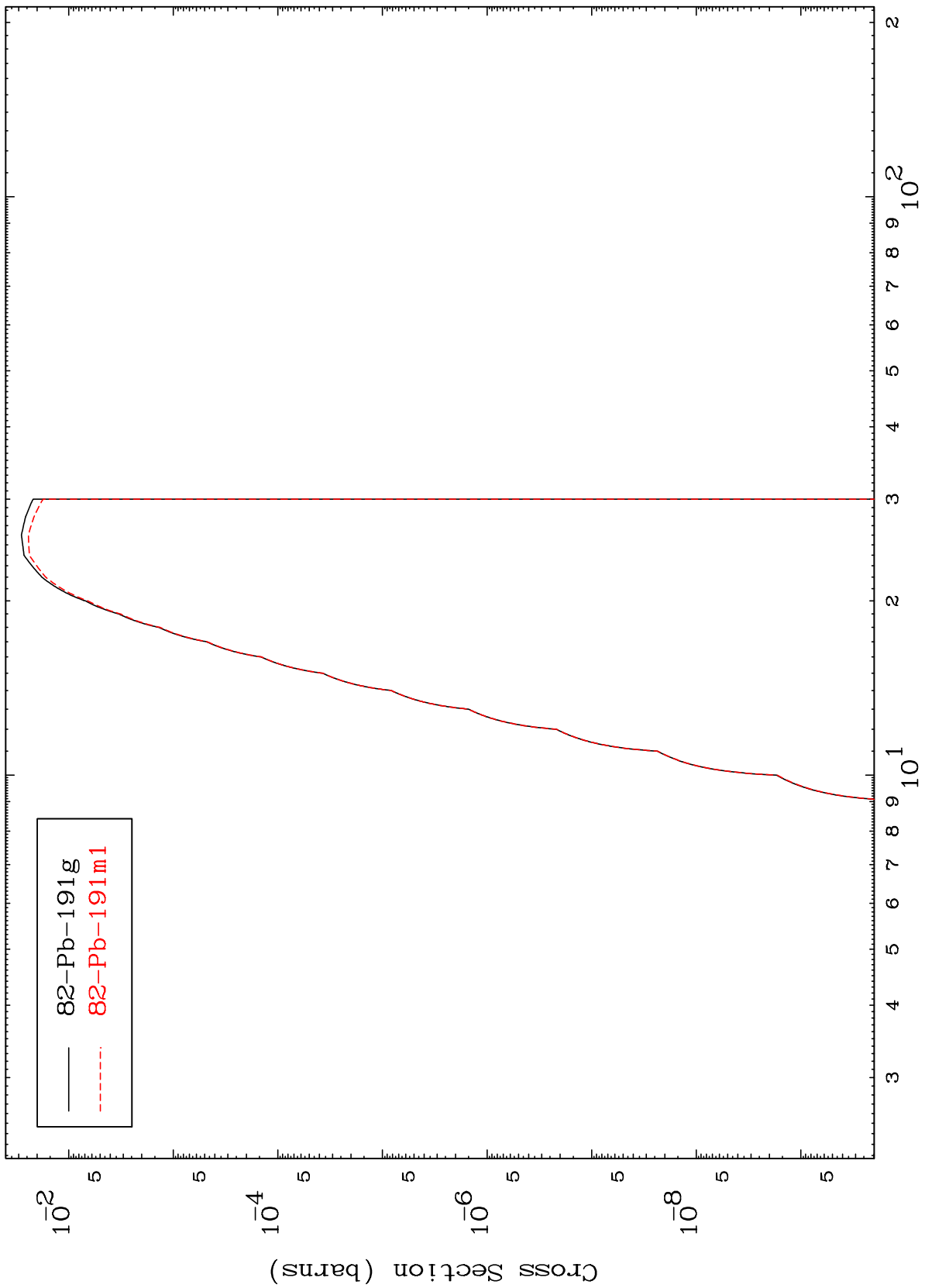


— 83-Bi-193g
- - - 83-Bi-193m2

MAT 8086

81-Tl-190

(n,d)
Radionuclide Production Cross Section

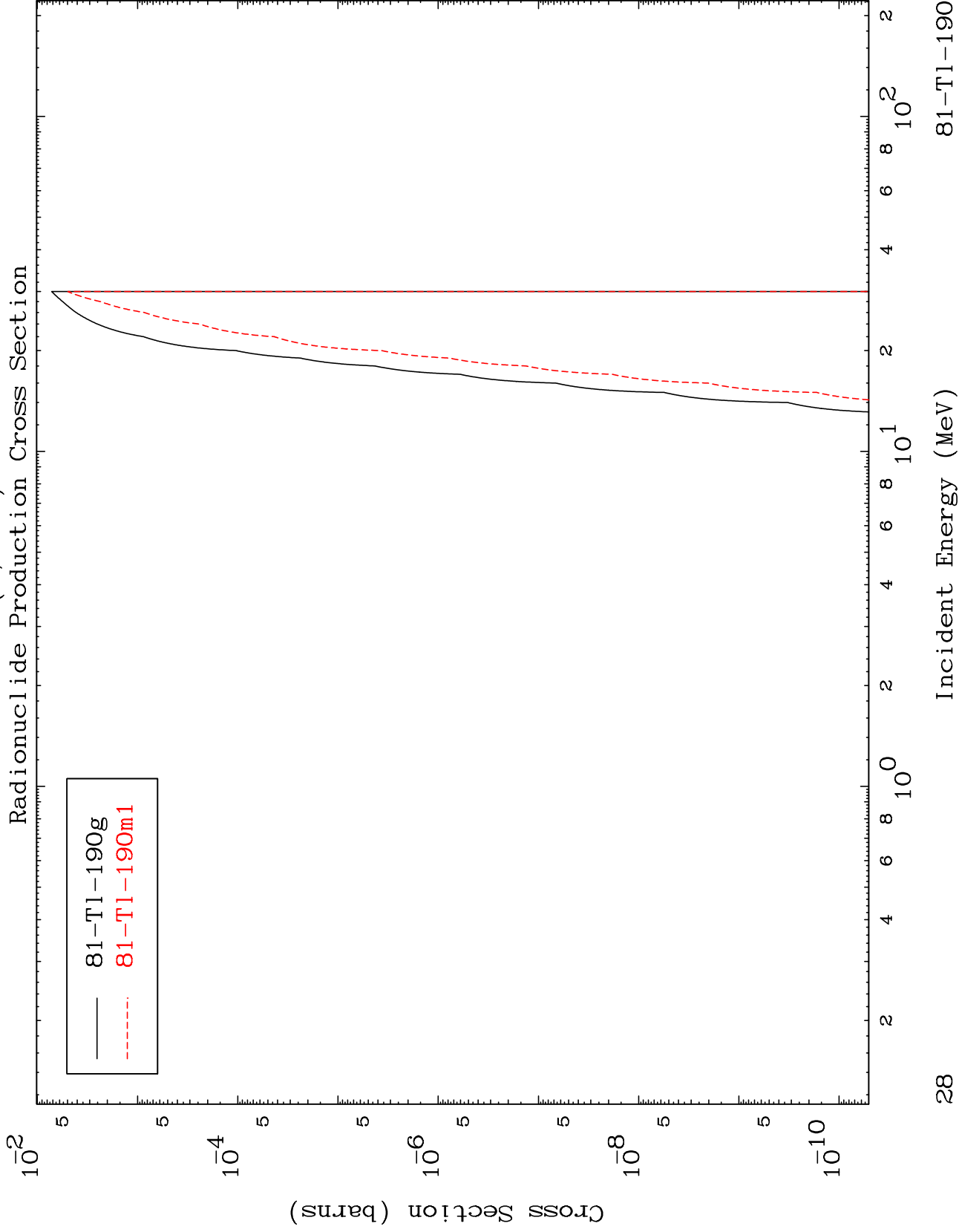


— 82-Pb-191g
- - - 82-Pb-191m1

MAT 8086

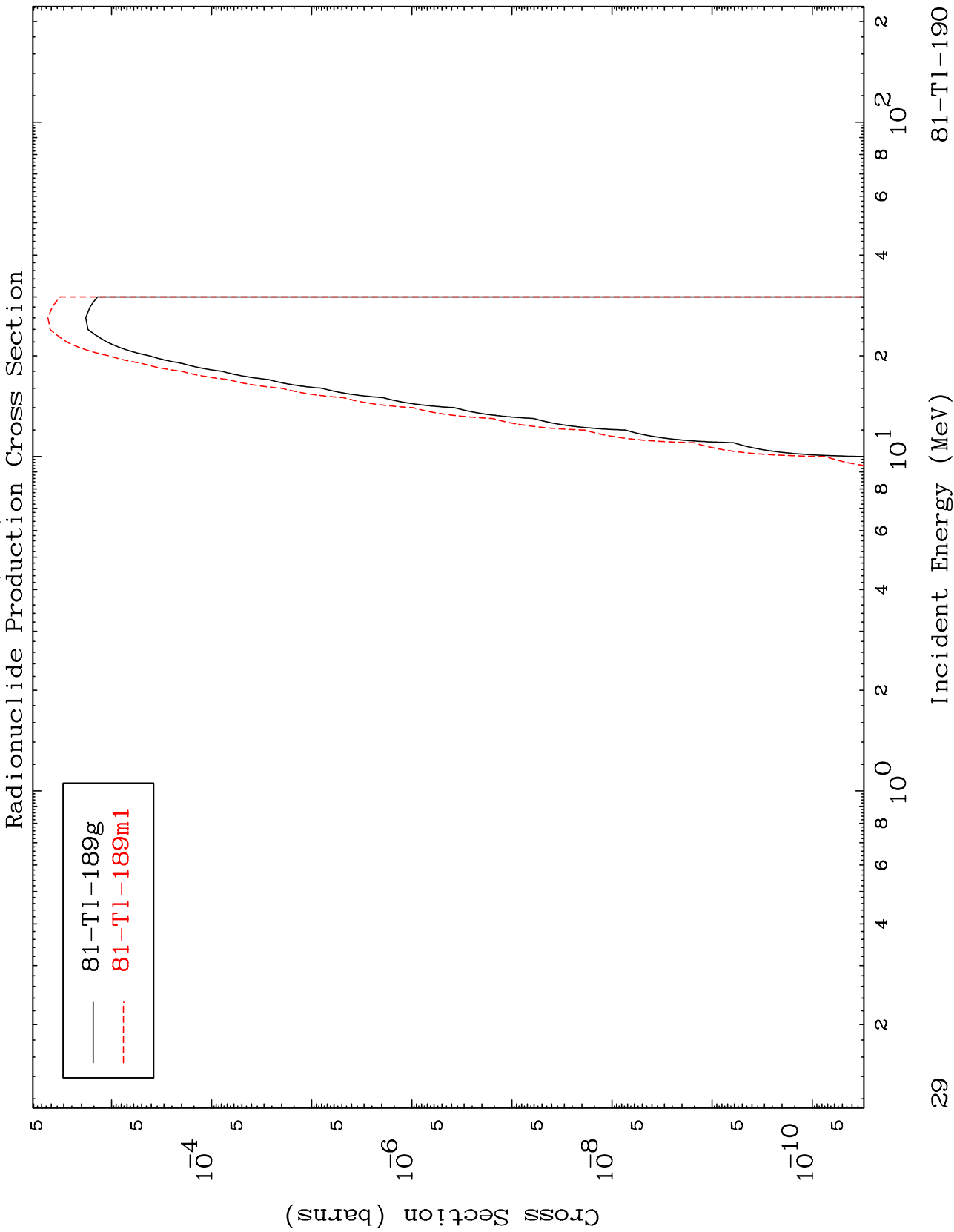
(n,He-3)

81-Tl-190



MAT 8086

81-Tl-190



81-Tl-190

Incident Energy (MeV)

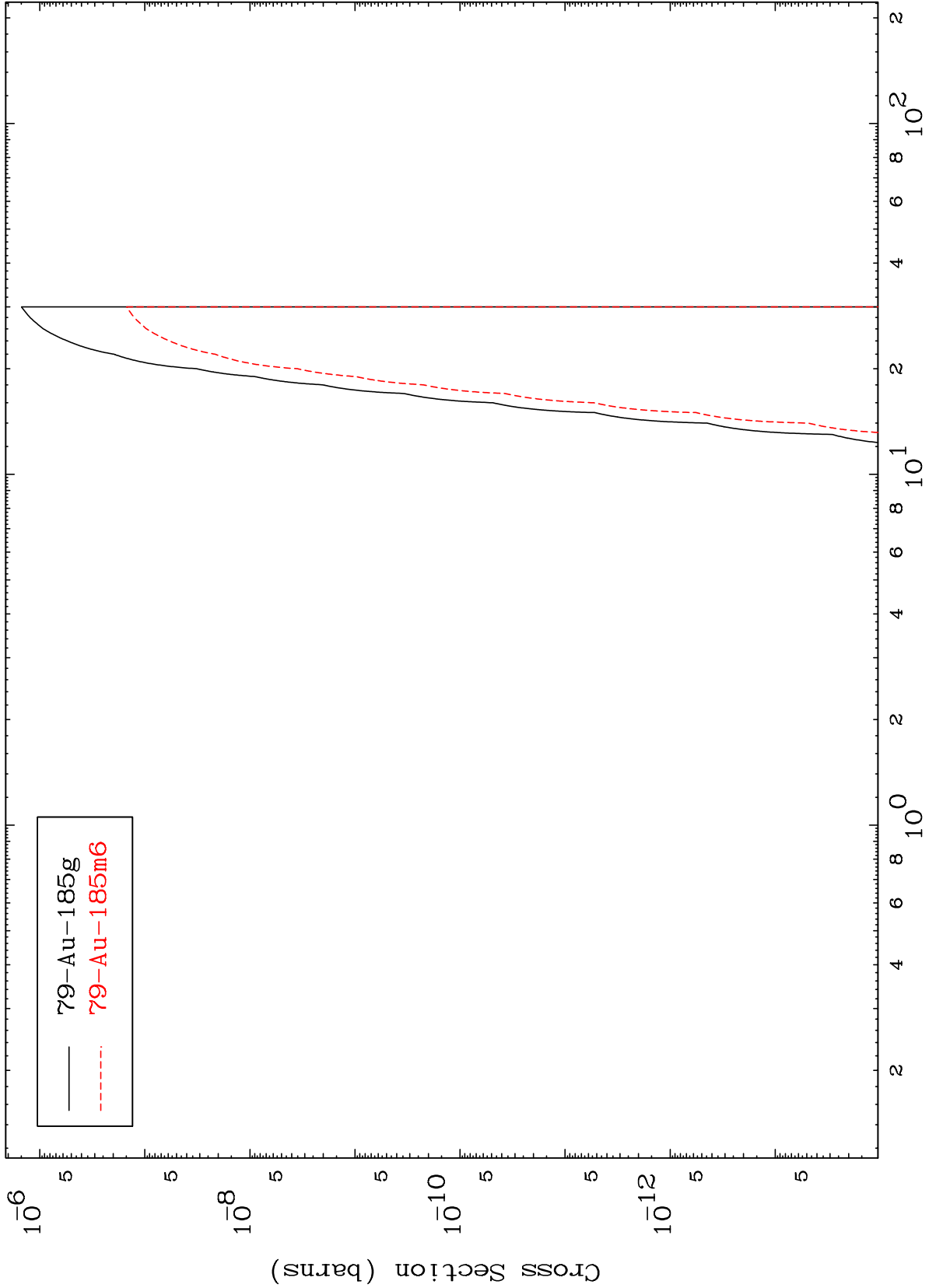
29

MAT 8086

(n,2α)

81-Tl-190

Radionuclide Production Cross Section



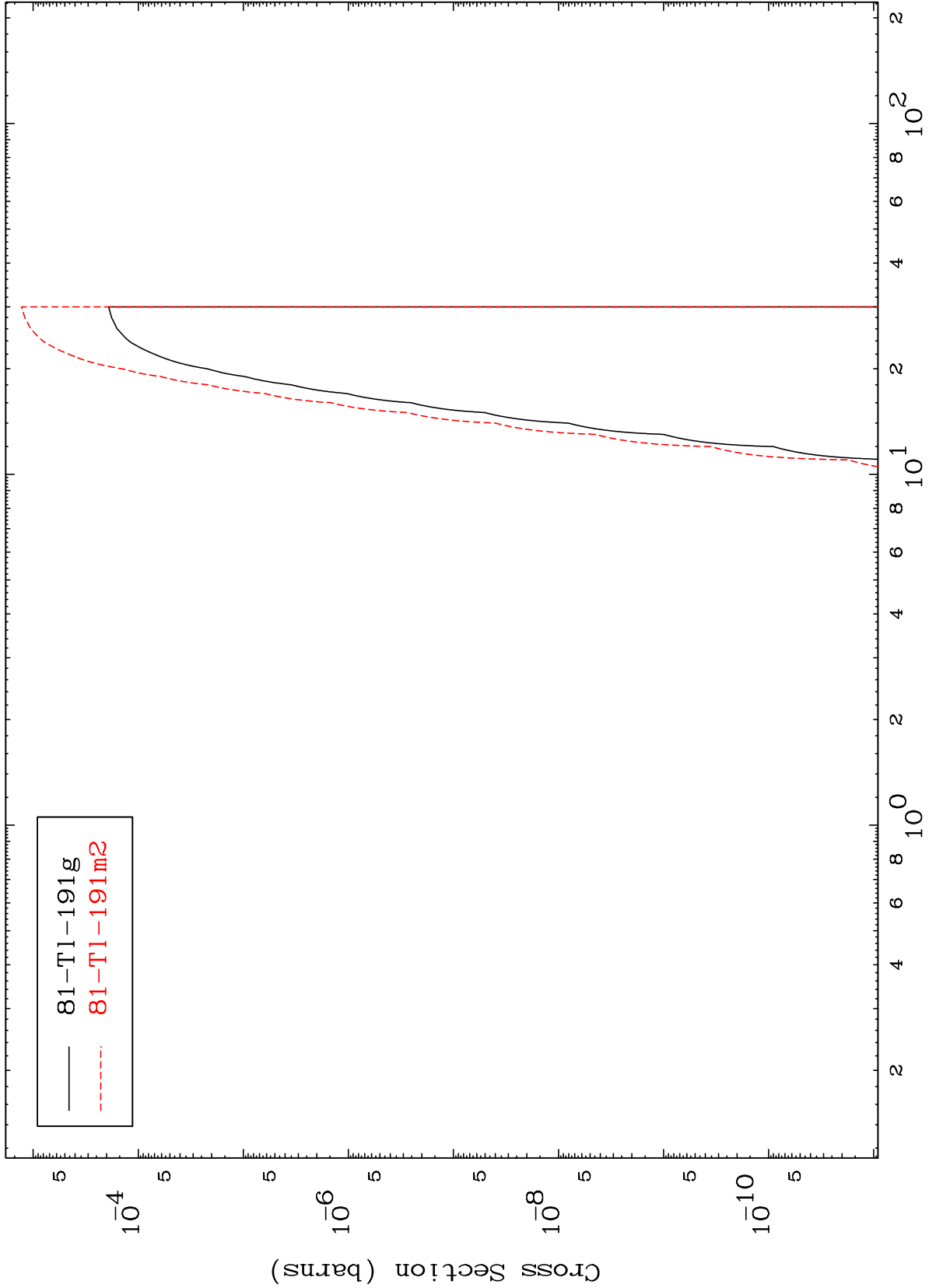
— 79-Au-185g
- - - 79-Au-185m6

MAT 8086

(n,2p)

81-Tl-190

Radionuclide Production Cross Section

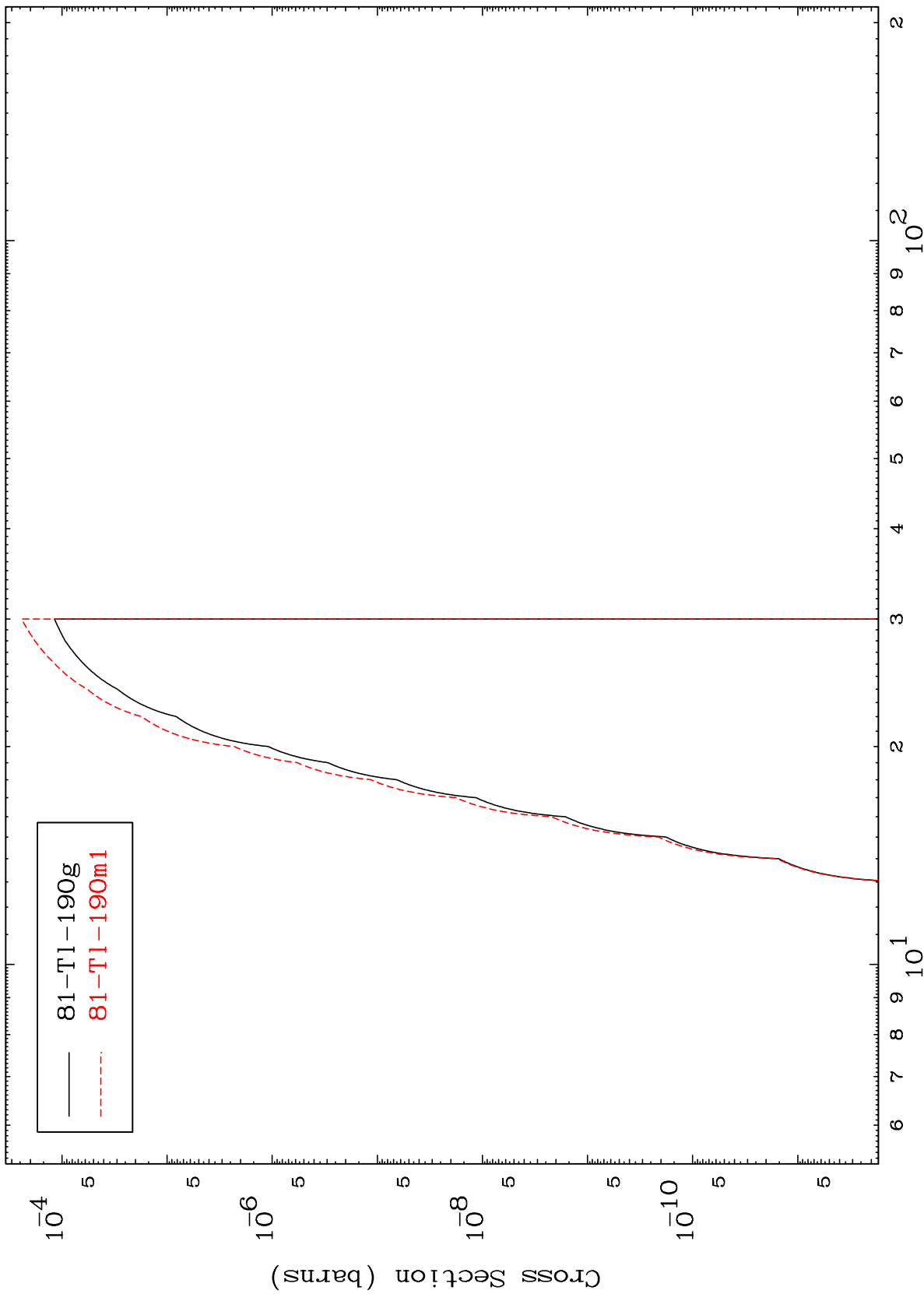


MAT 8086

(n,p) d

81-Tl-190

Radionuclide Production Cross Section

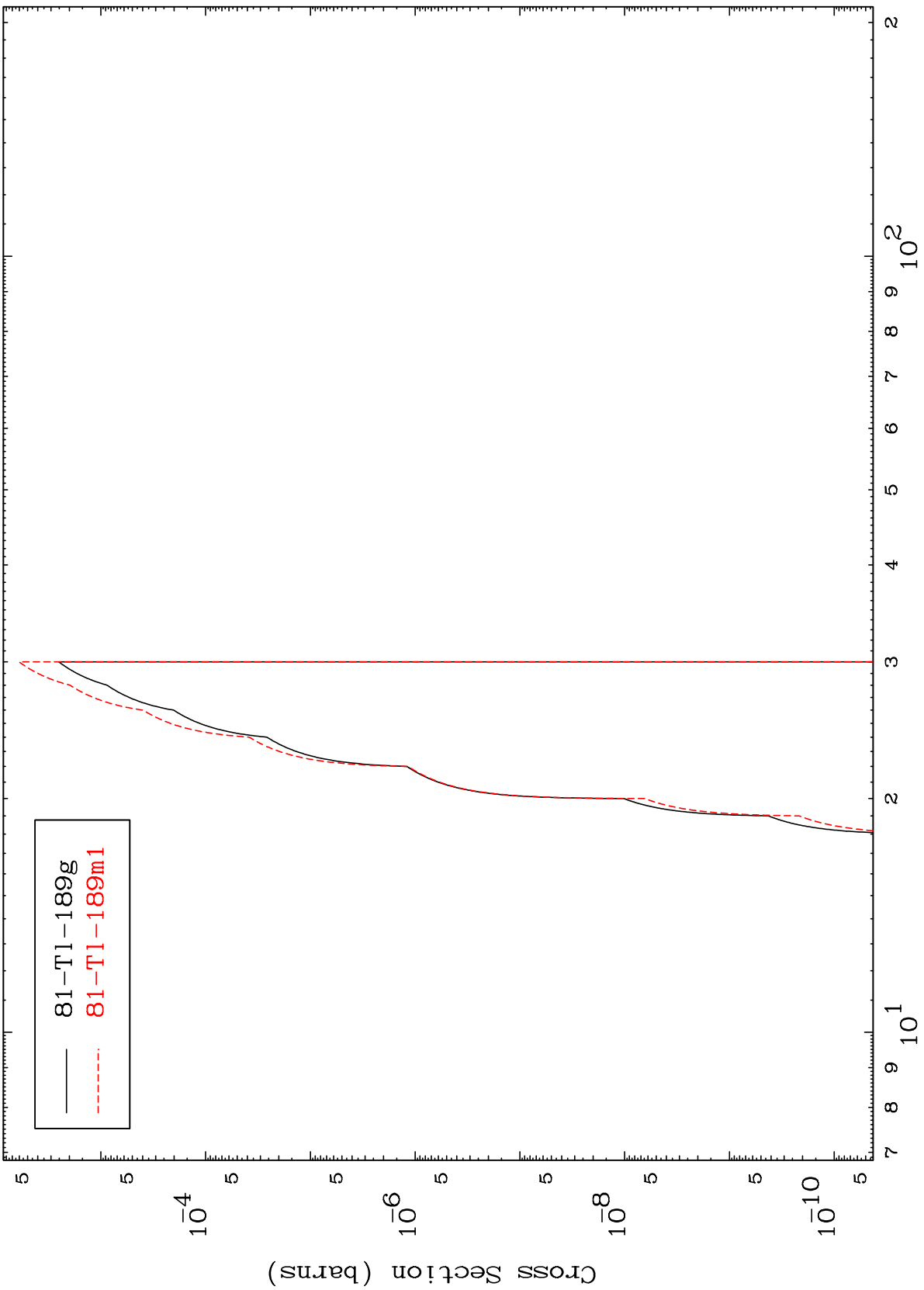


MAT 8086

(n,p) t

81-Tl-190

Radionuclide Production Cross Section



33

Incident Energy (MeV)

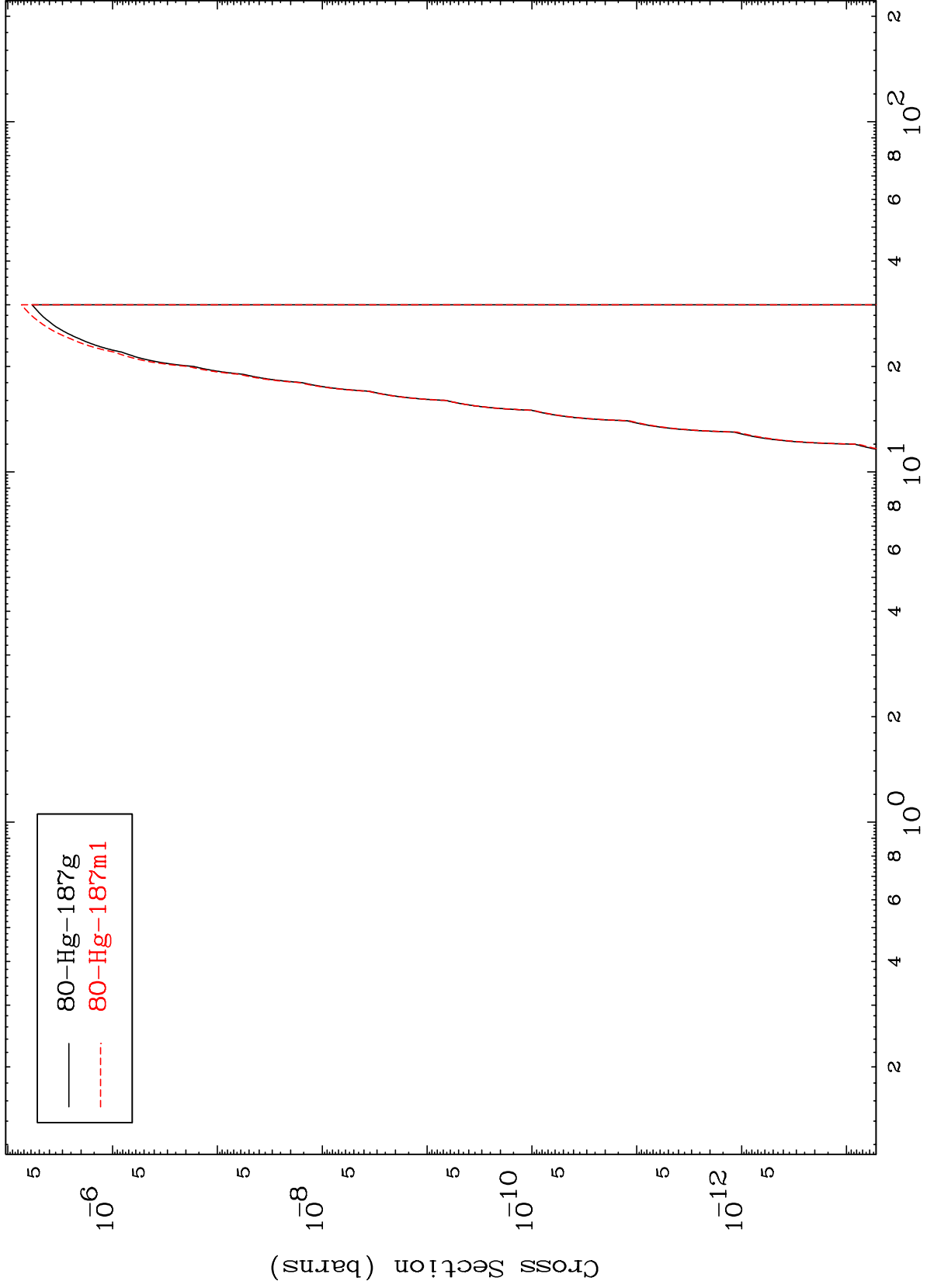
81-Tl-190

MAT 8086

(n,d) α

81-Tl-190

Radionuclide Production Cross Section



34

Incident Energy (MeV)

81-Tl-190