

Program EVALPLOT
(Version 2021-1)

by

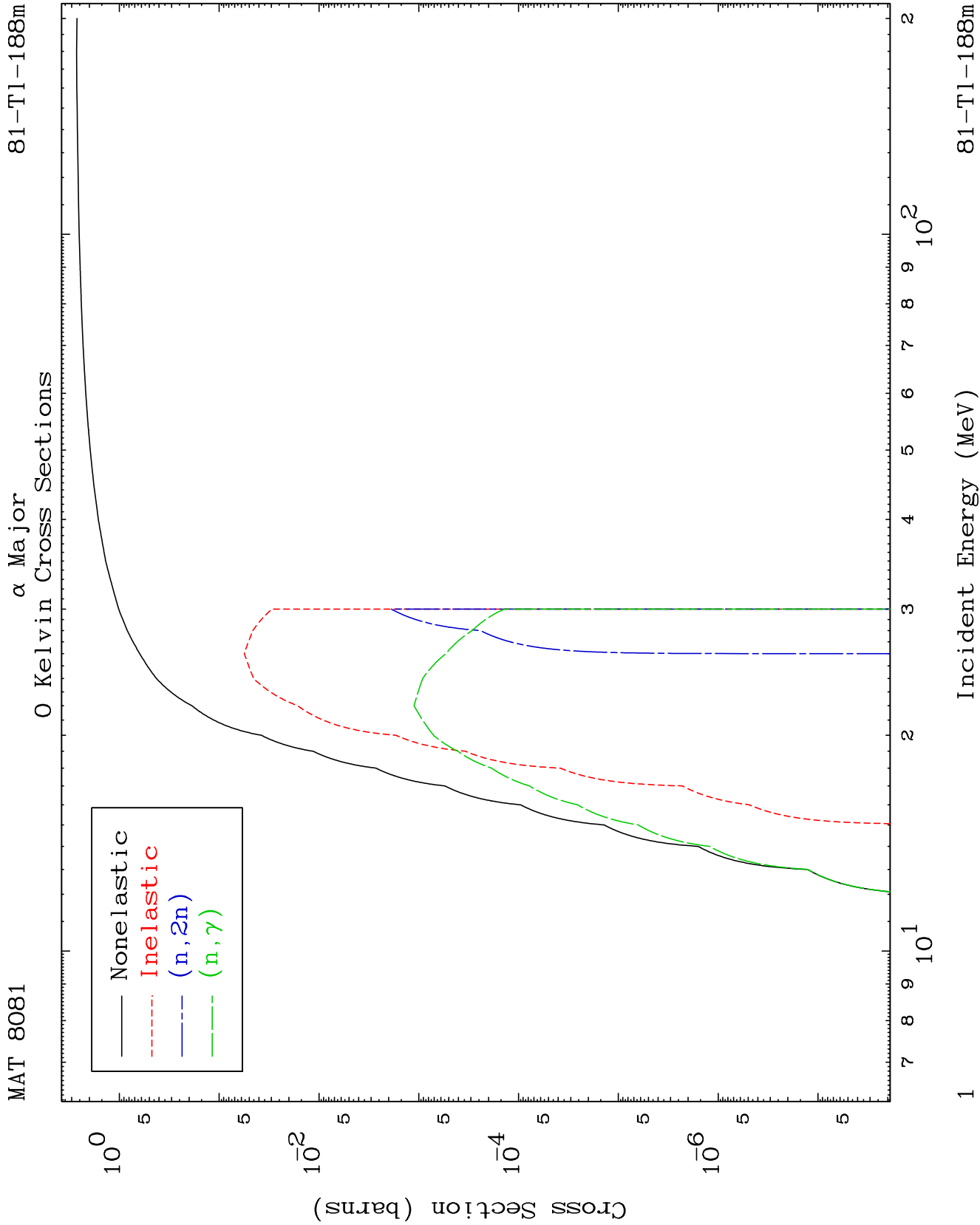
Dermott E. Cullen
(Present Contact Information)

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

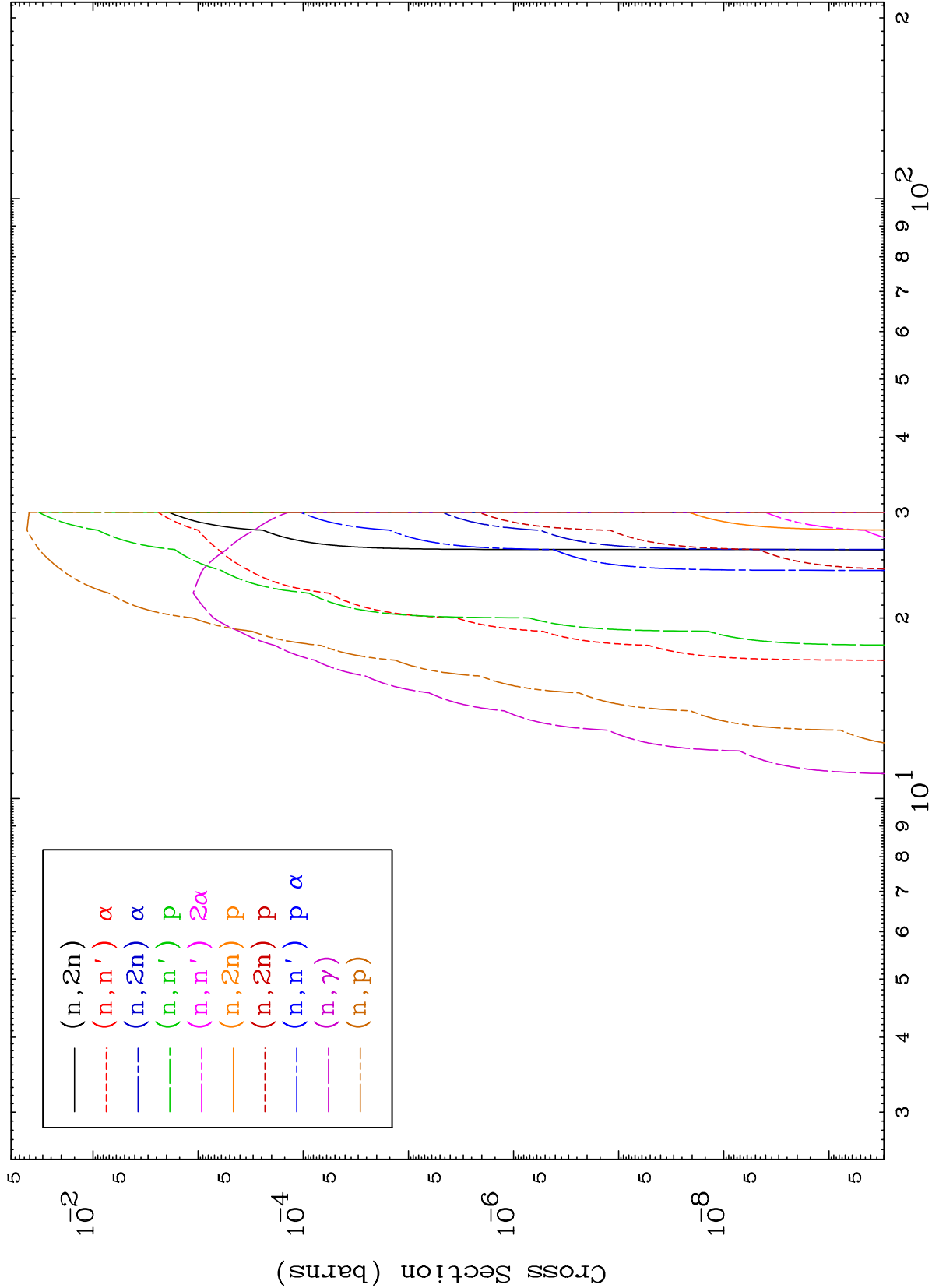
Press Mouse Button to Start



MAT 8081

α Neutron Absorption
0 Kelvin Cross Sections

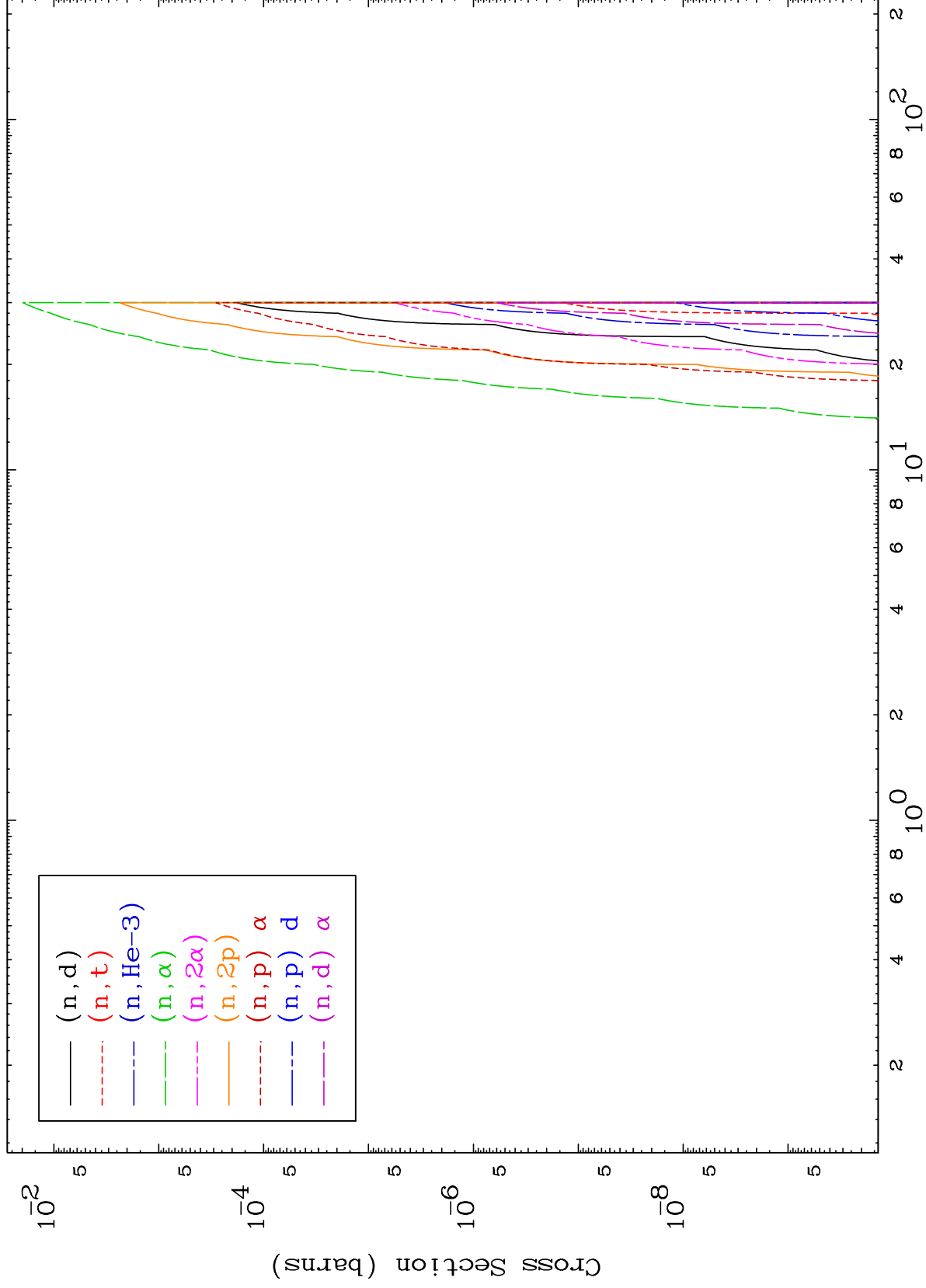
81-Tl-188m

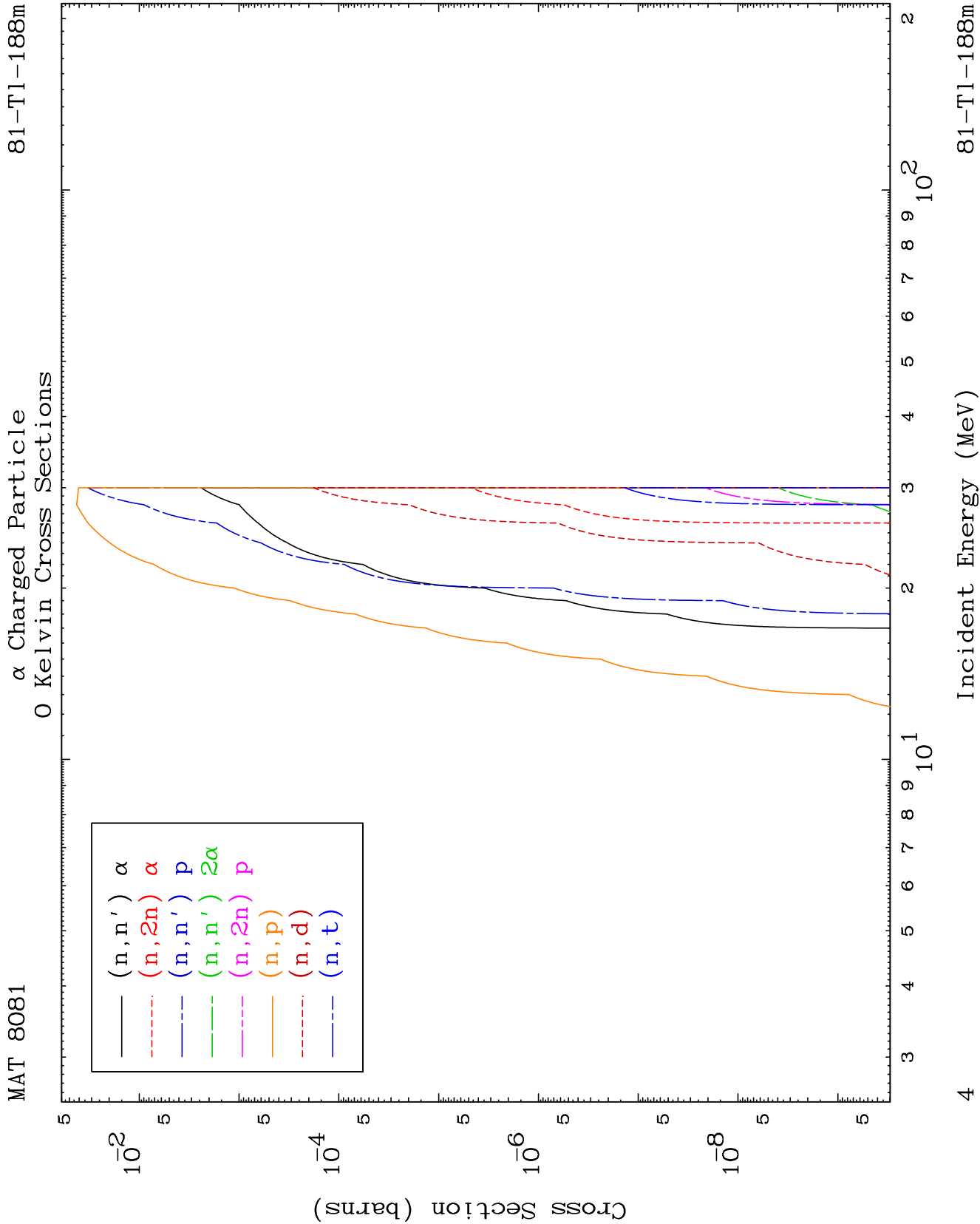


MAT 8081

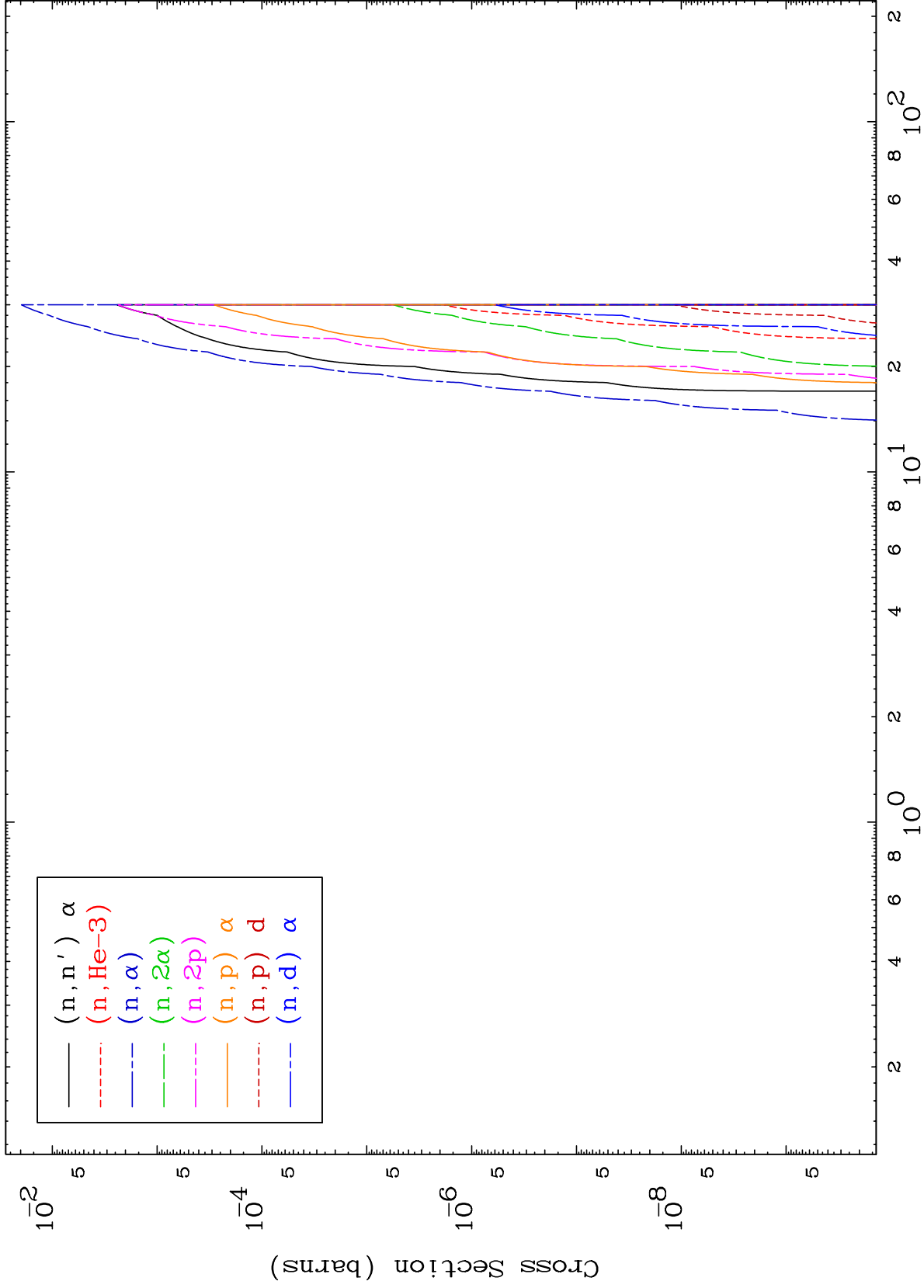
α Neutron Absorption
0 Kelvin Cross Sections

81-Tl-188m





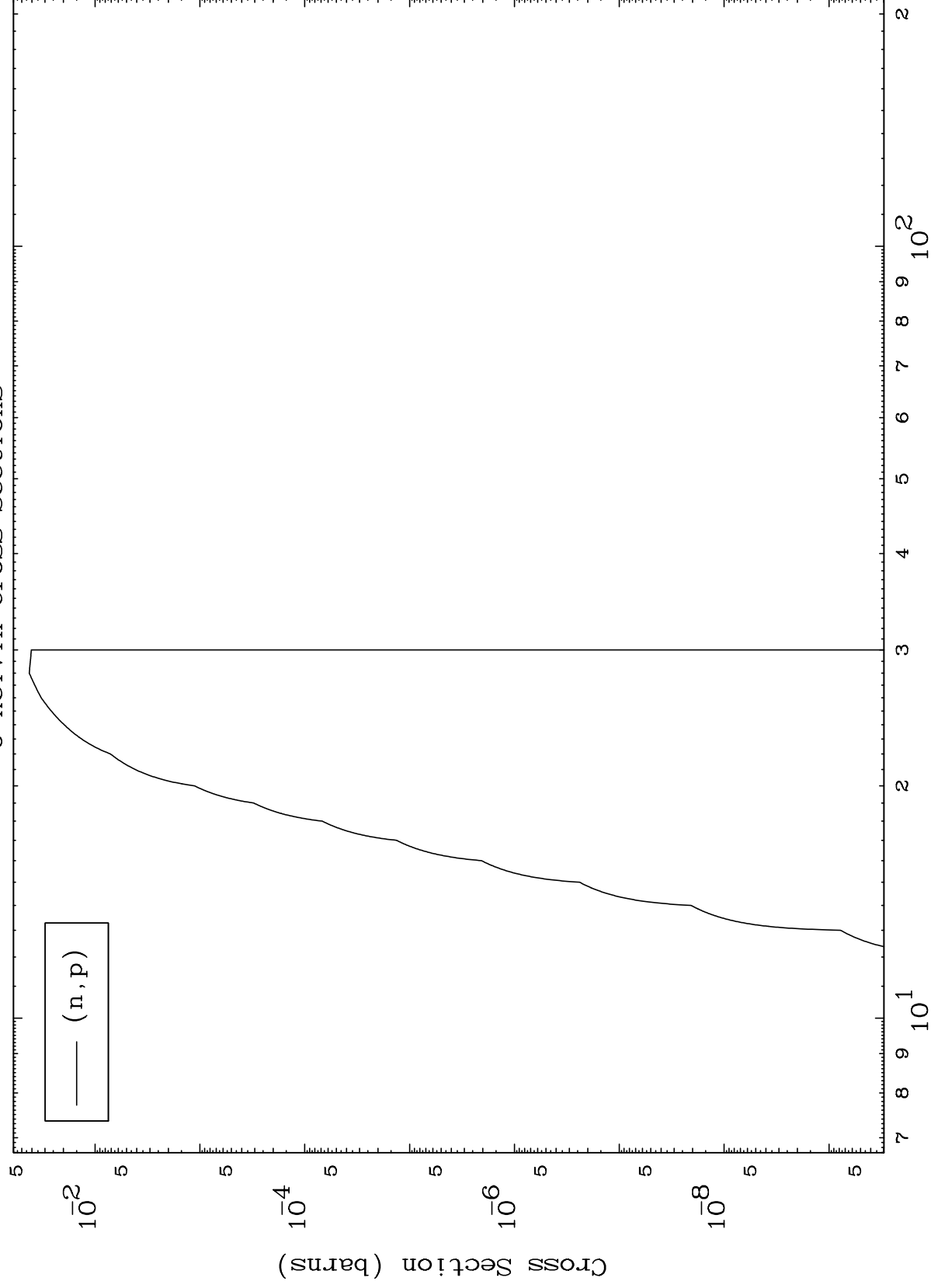
0 Kelvin Cross Sections



MAT 8081

81-Tl-188m

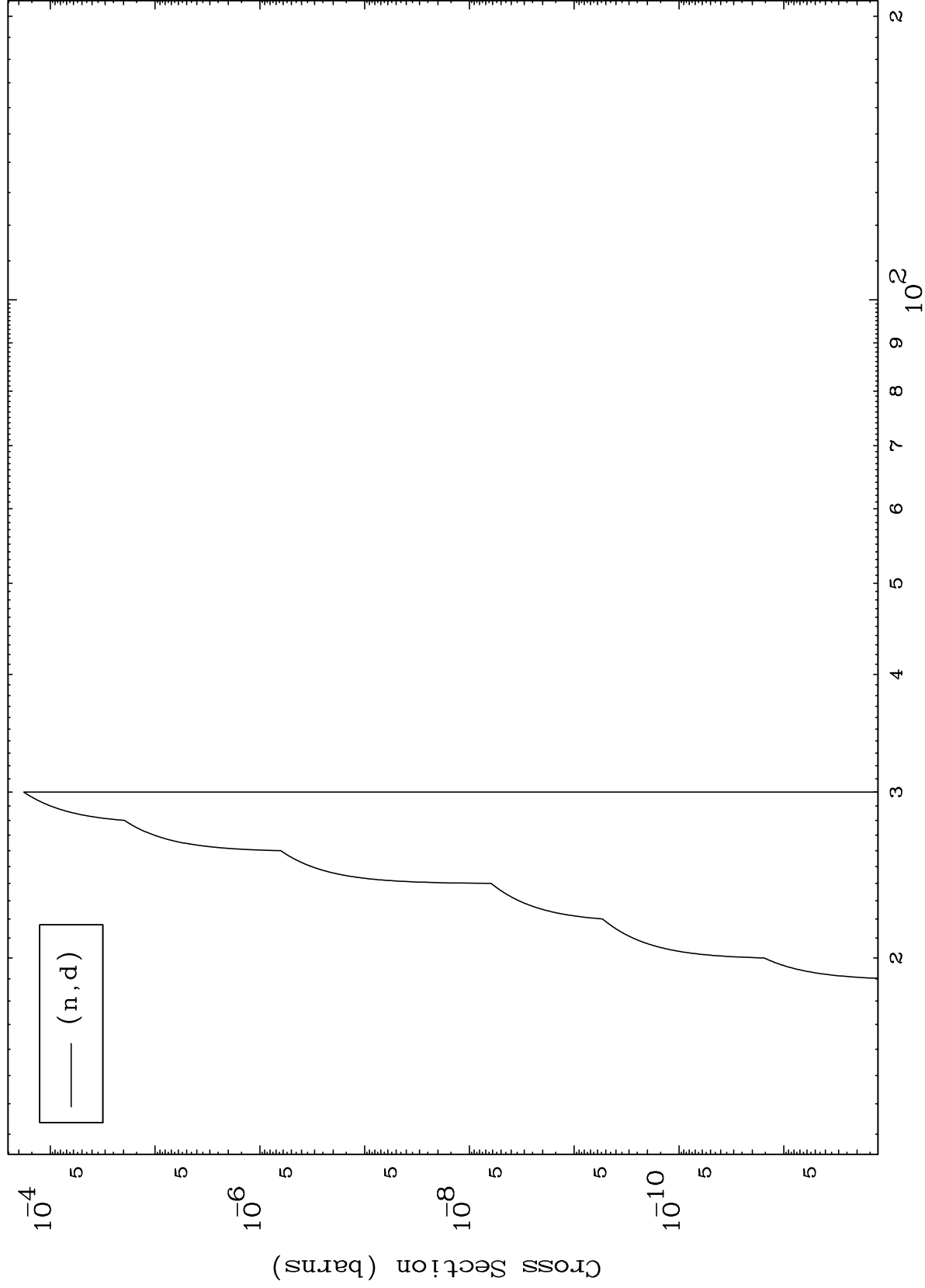
(α, p) Levels
0 Kelvin Cross Sections



MAT 8081

81-Tl-188m

(α, d) Levels
0 Kelvin Cross Sections



81-Tl-188m

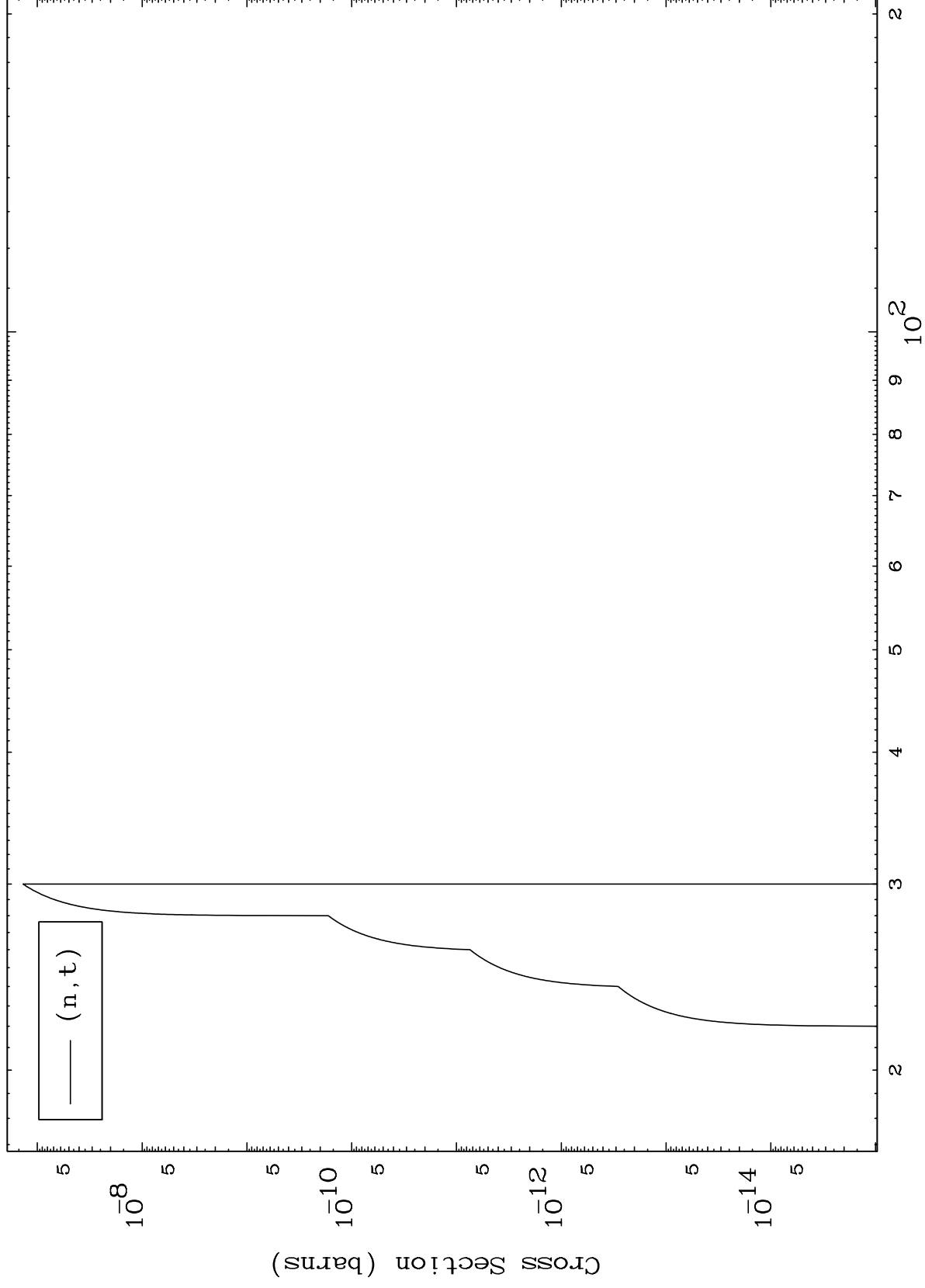
Incident Energy (MeV)

7

MAT 8081

81-Tl-188m

(α, t) Levels
0 Kelvin Cross Sections



8

Incident Energy (MeV)

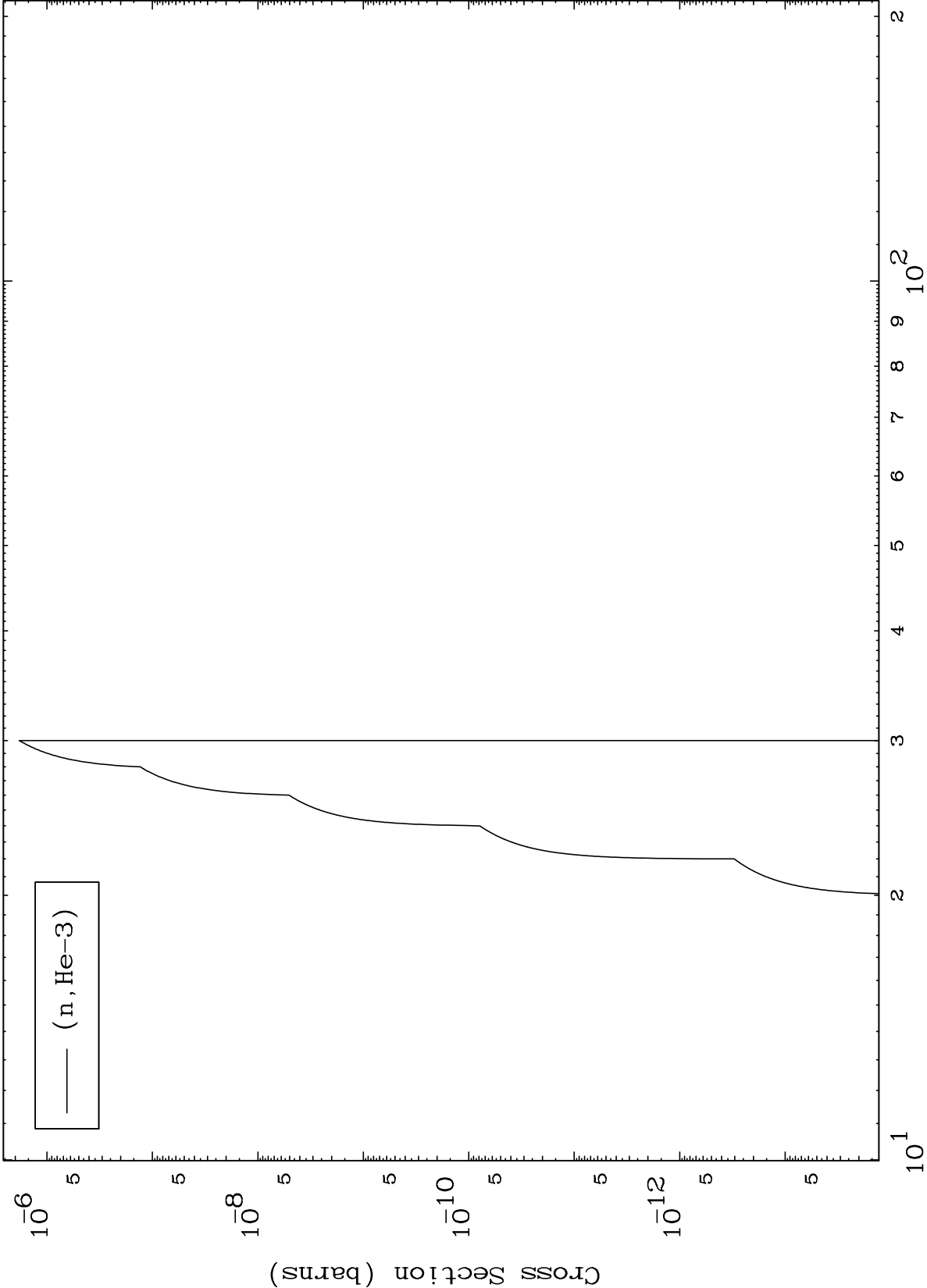
81-Tl-188m

MAT 8081

(α ,He3) Levels

81-Tl-188m

0 Kelvin Cross Sections



Incident Energy (MeV)

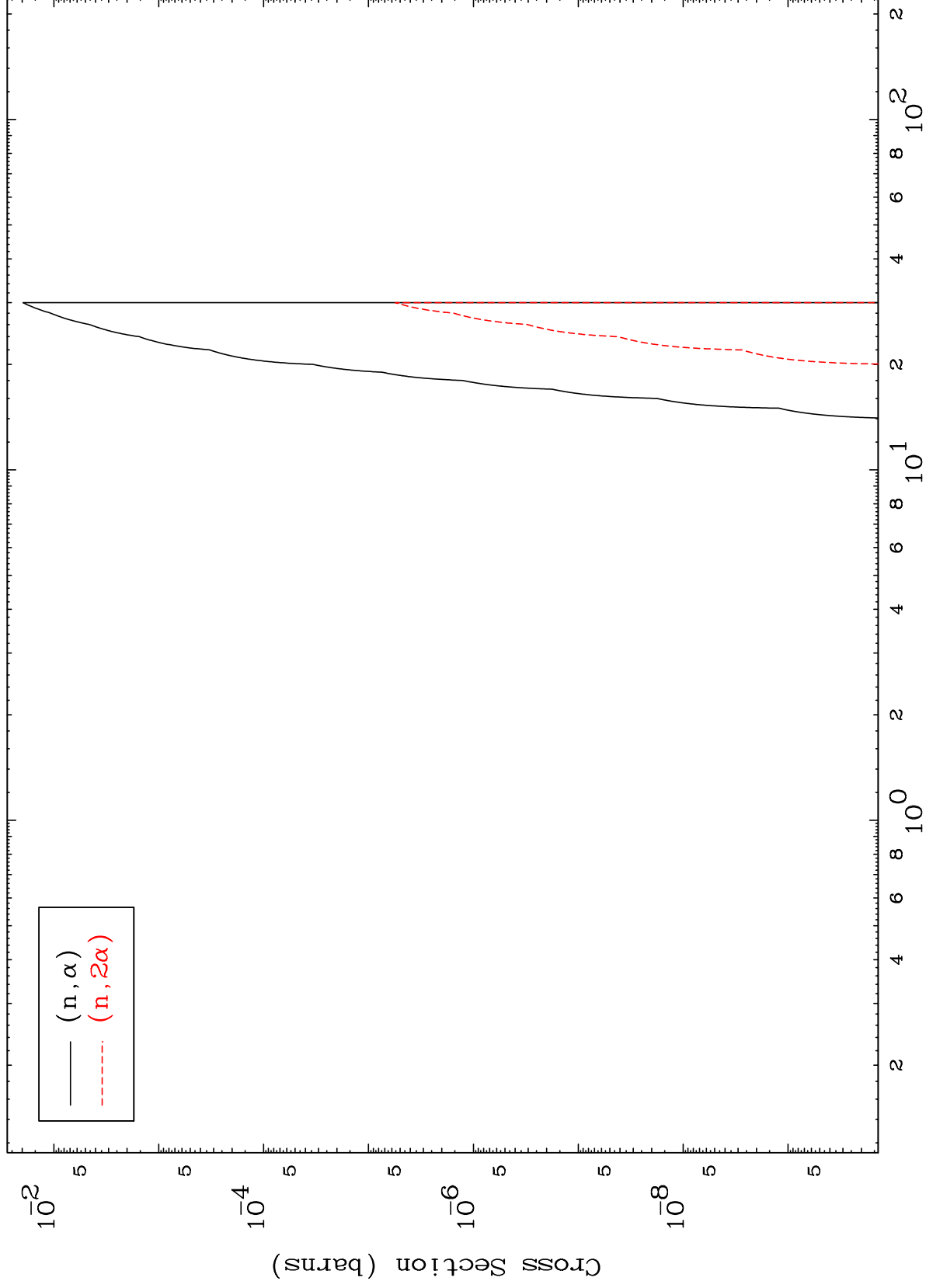
81-Tl-188m

MAT 8081

(α, α) Levels

81-Tl-188m

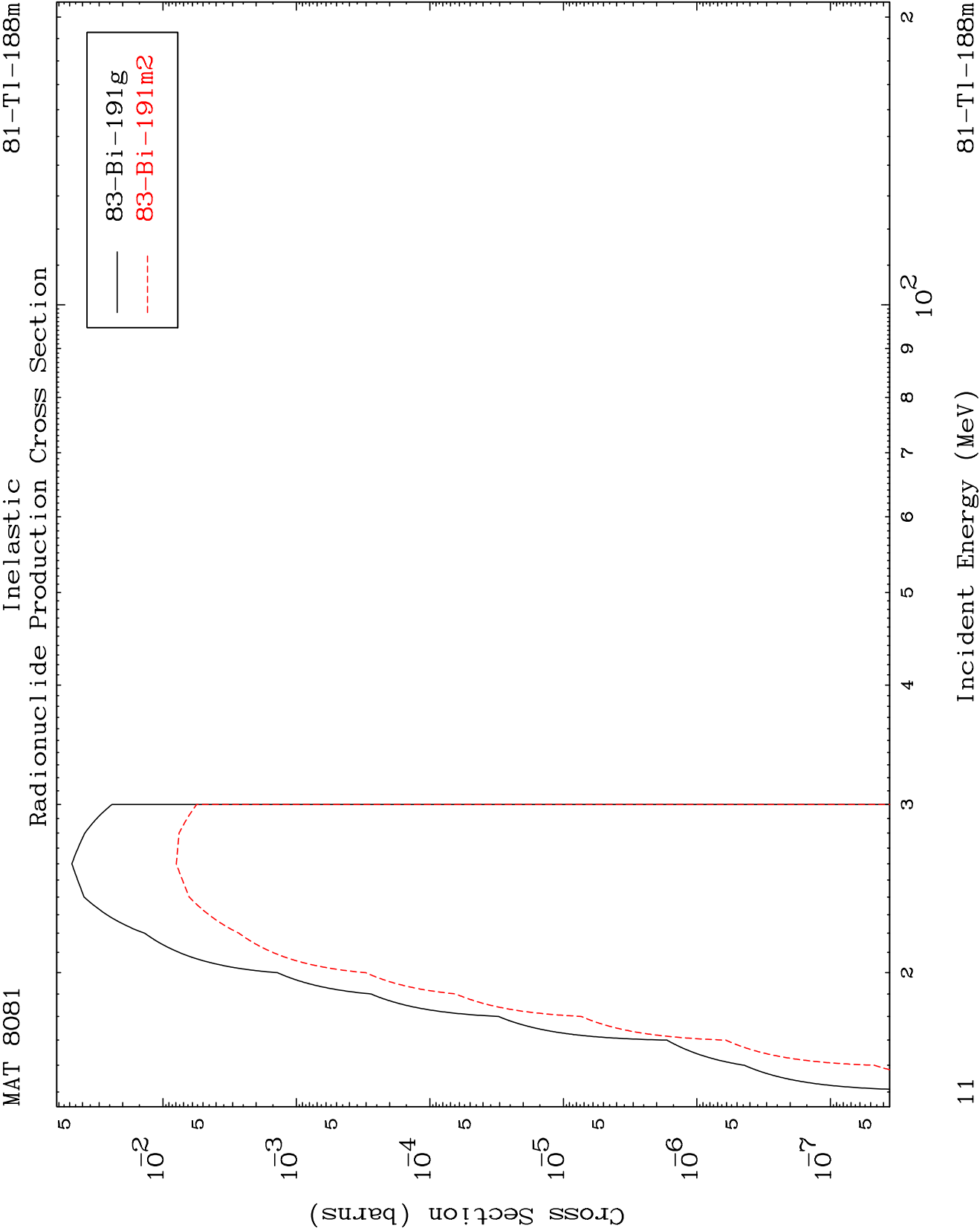
0 Kelvin Cross Sections

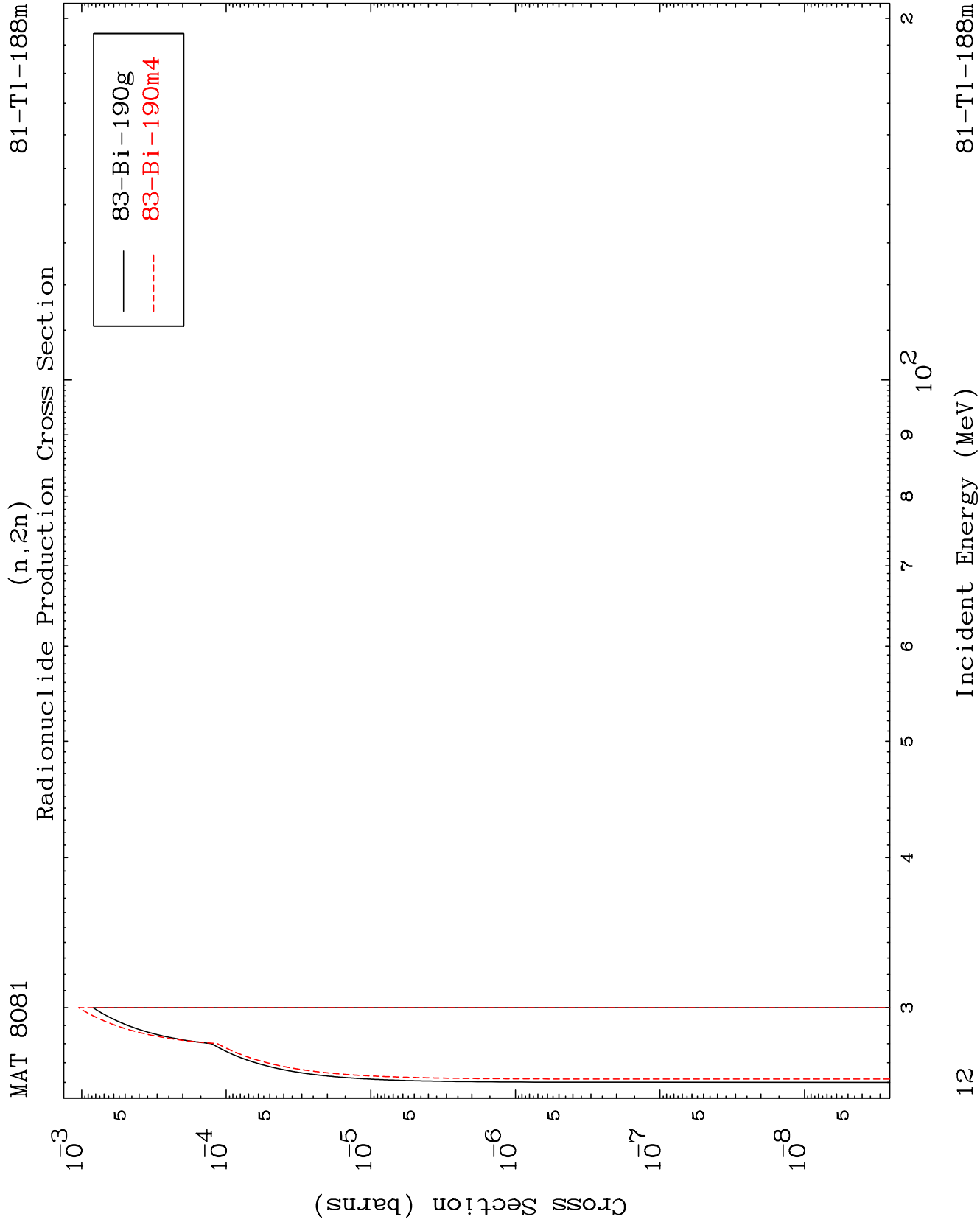


10

Incident Energy (MeV)

81-Tl-188m



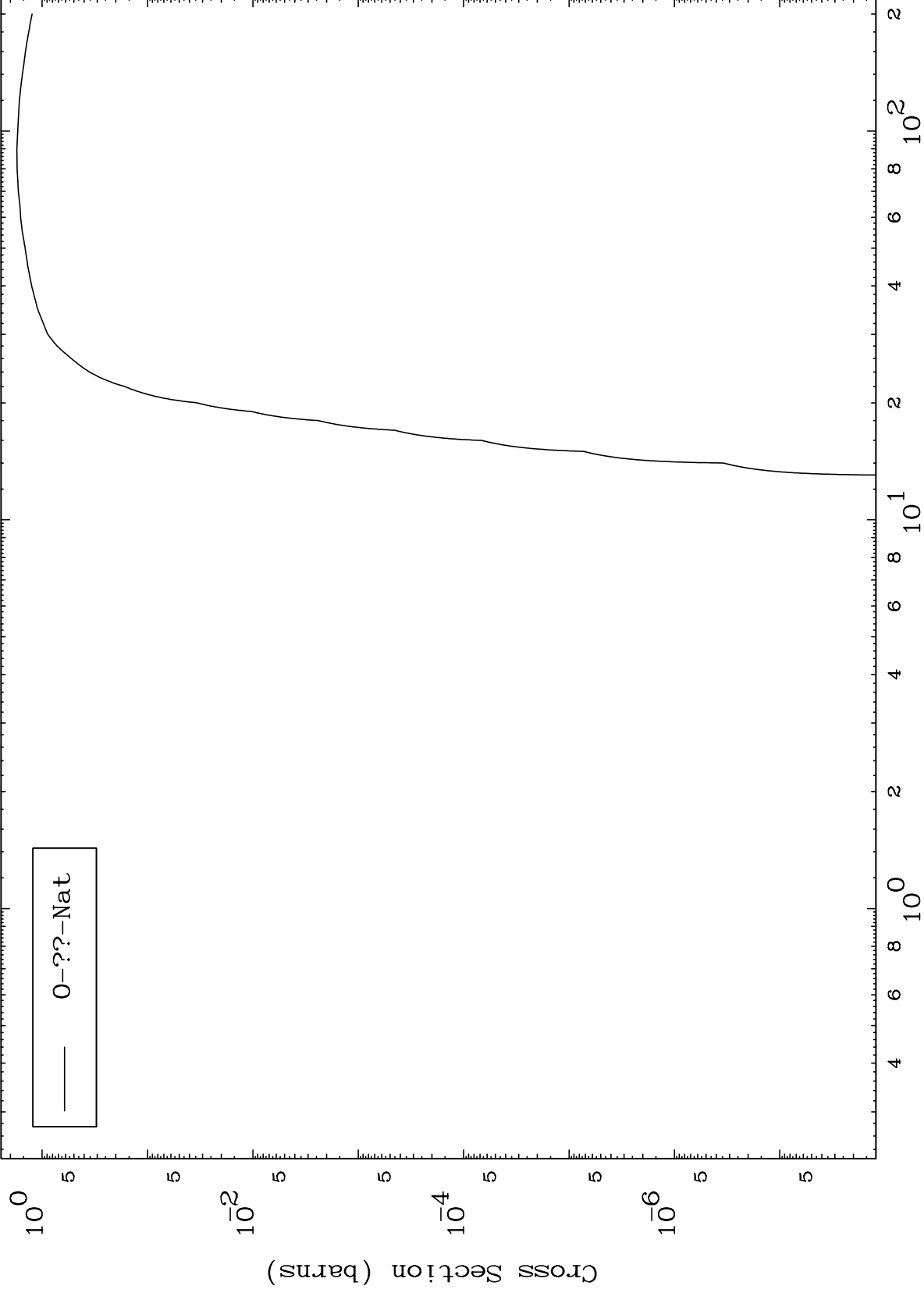


MAT 8081

Fission

81-Tl-188m

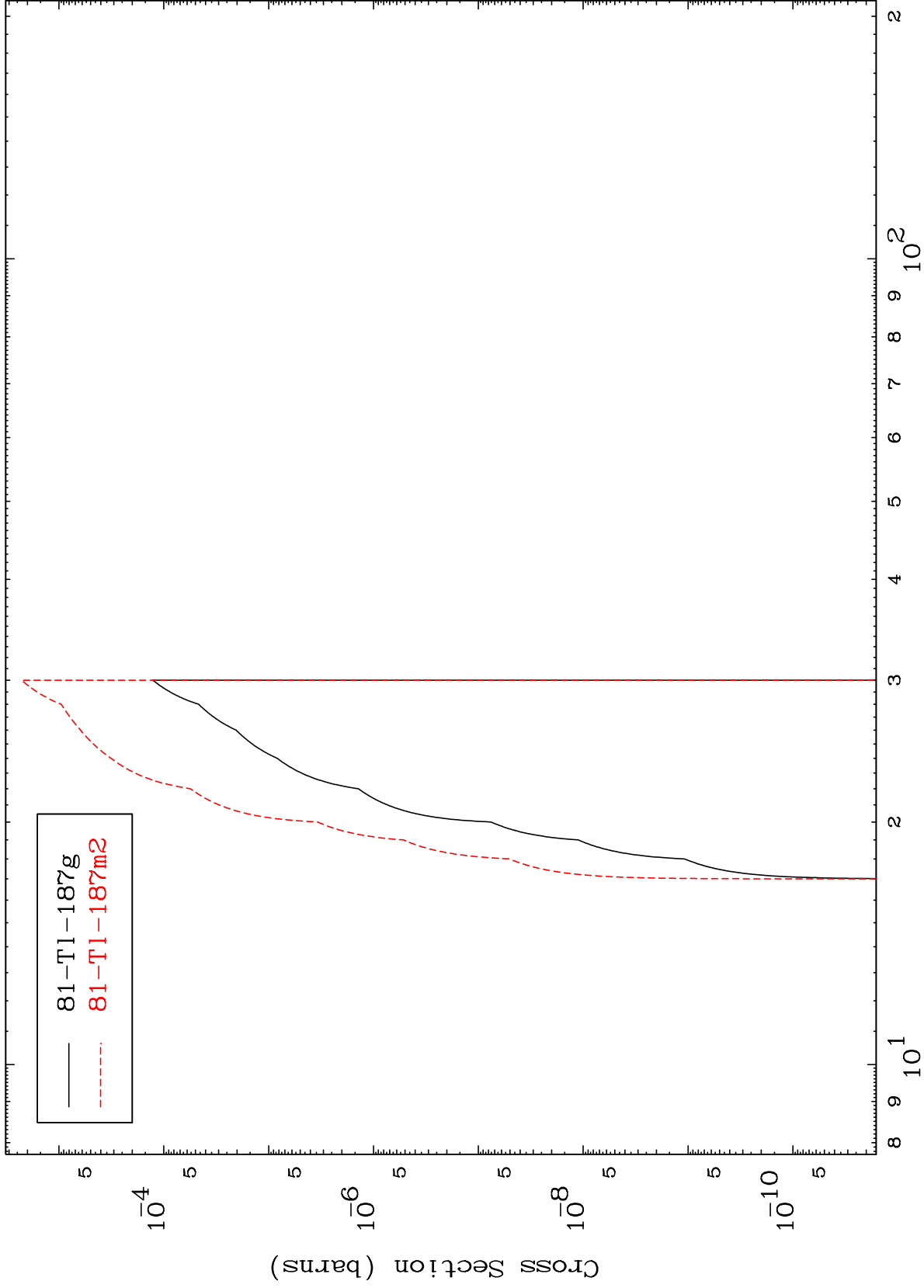
Radionuclide Production Cross Section



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81-Tl-188m

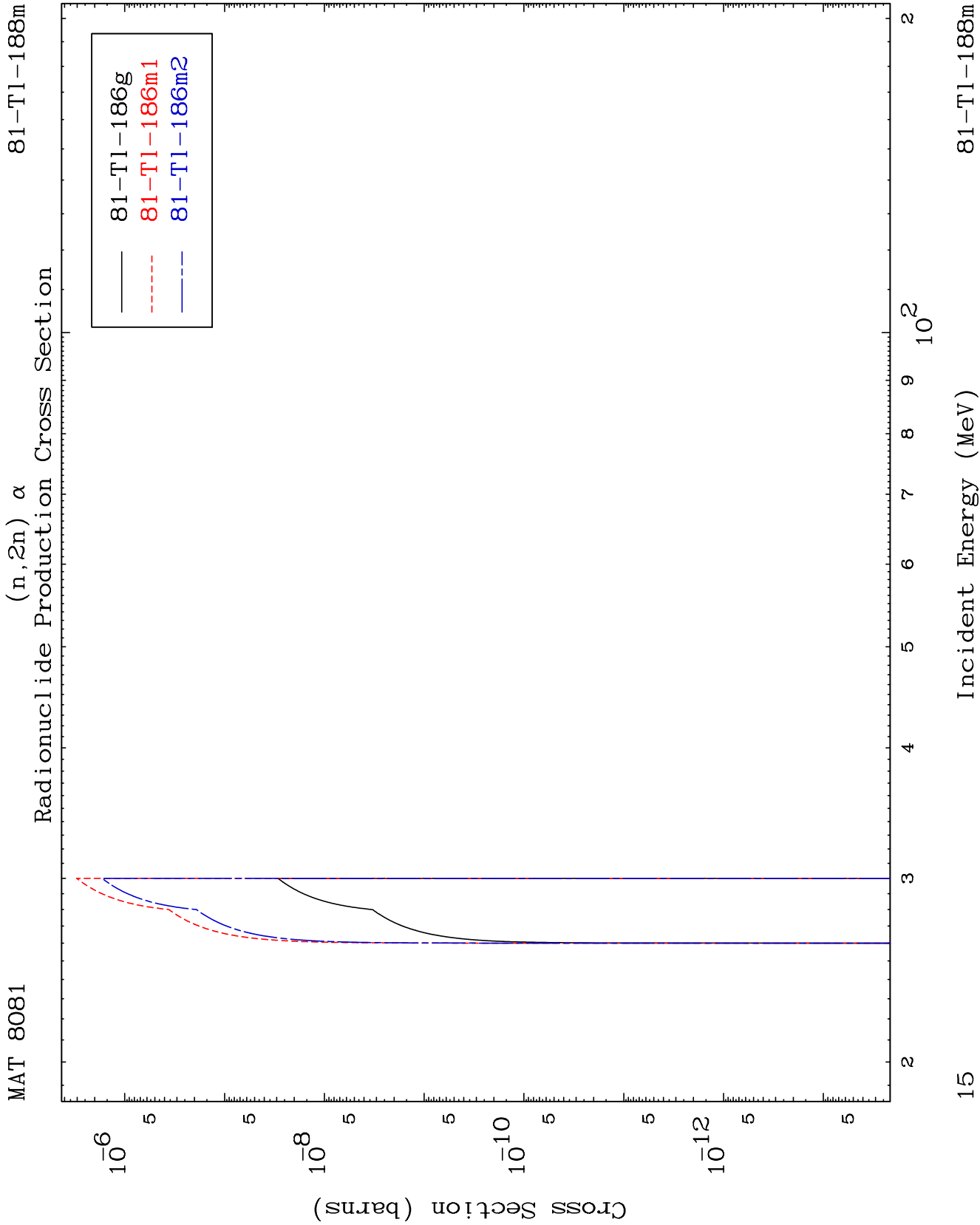
(n,n') α
Radionuclide Production Cross Section

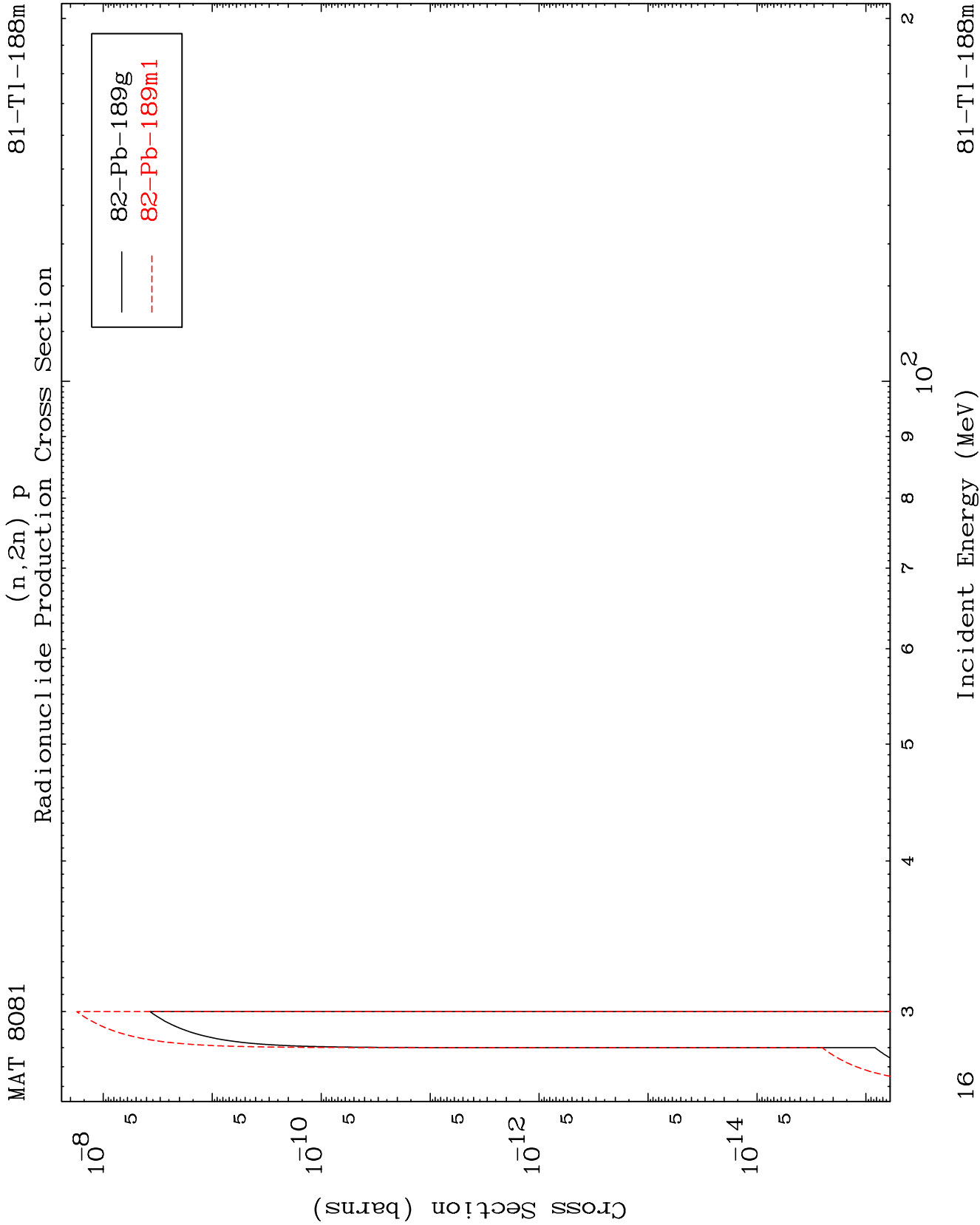


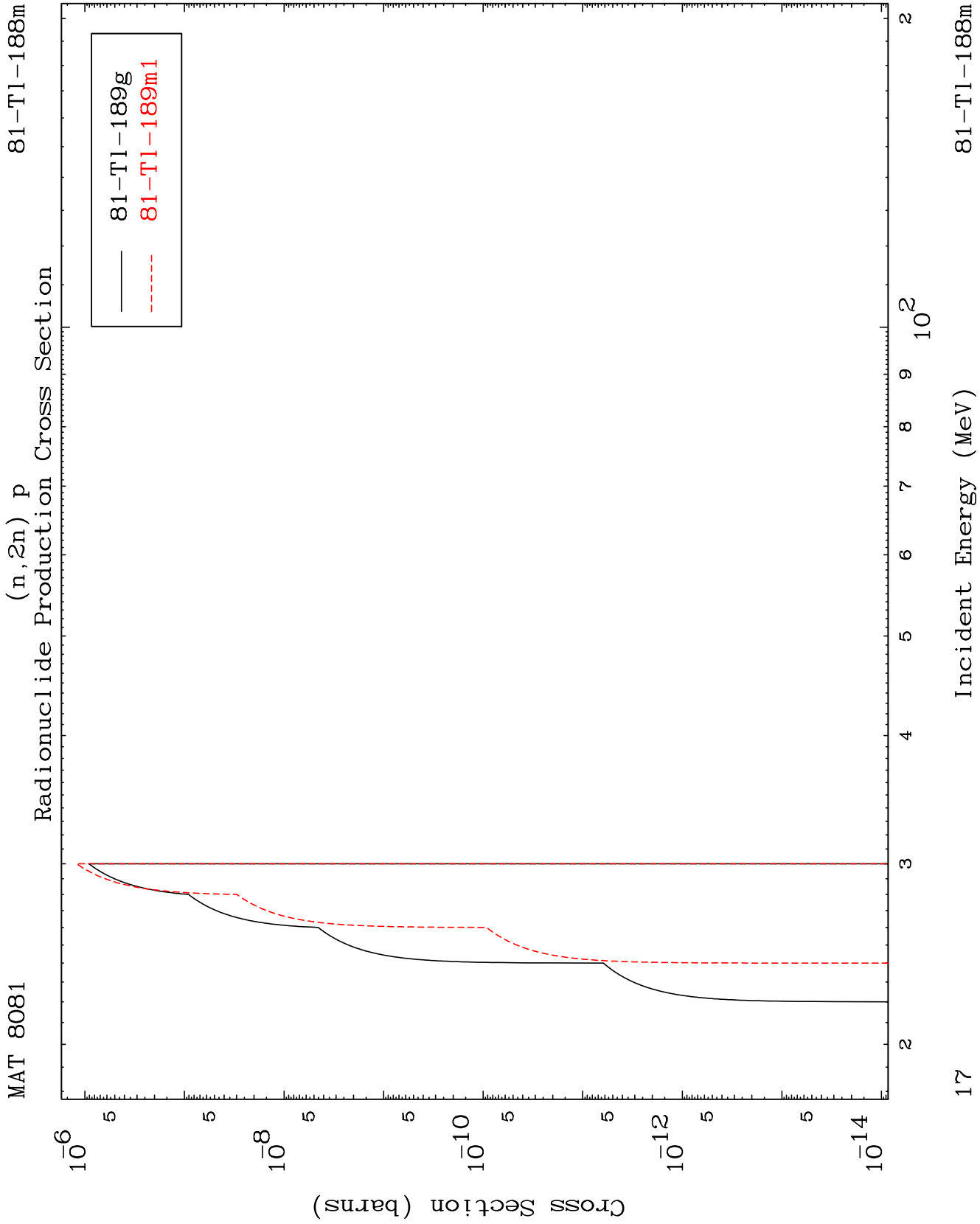
81-Tl-188m

Incident Energy (MeV)

14



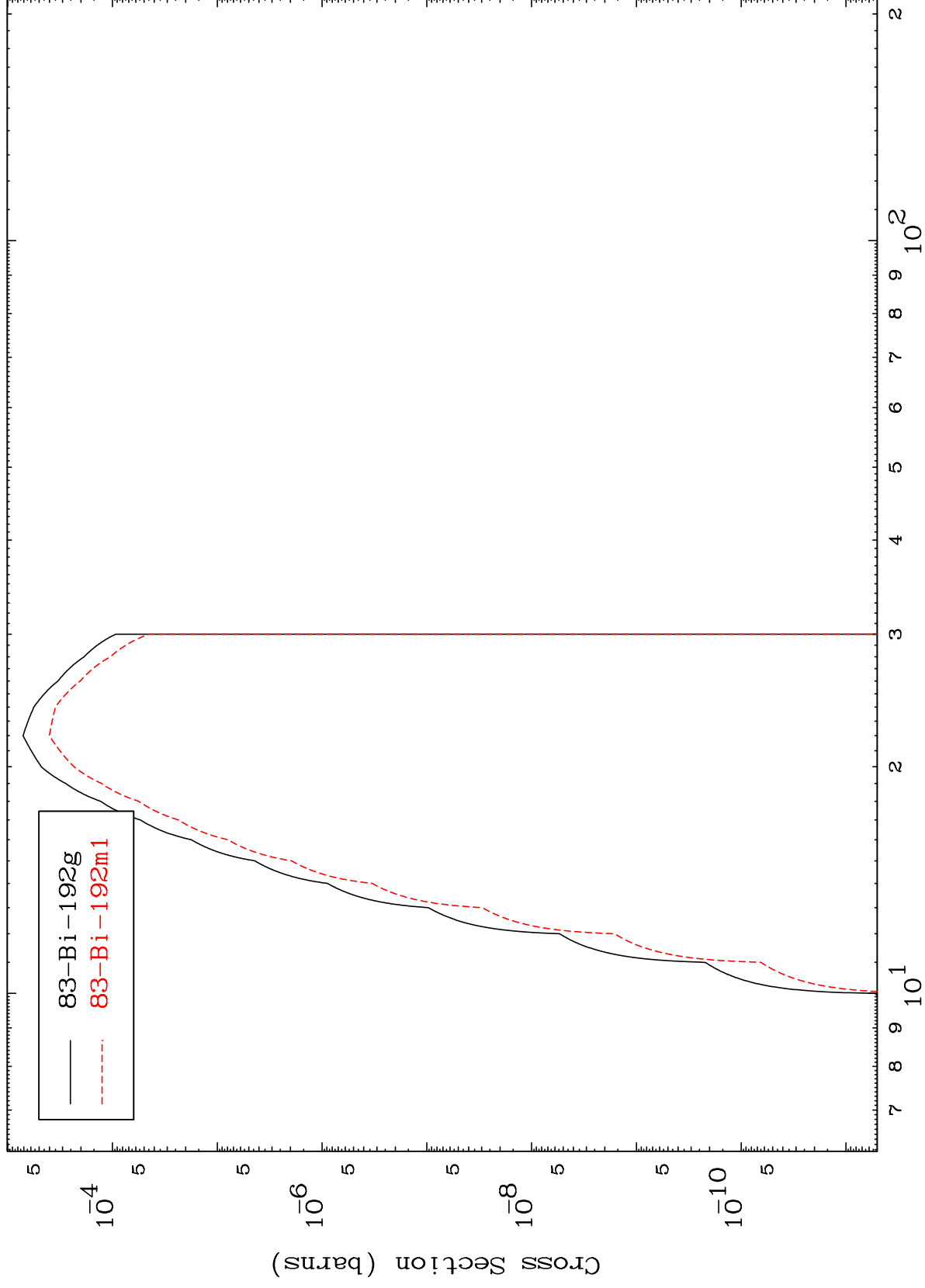




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81-Tl-188m

Radionuclide Production Cross Section



18

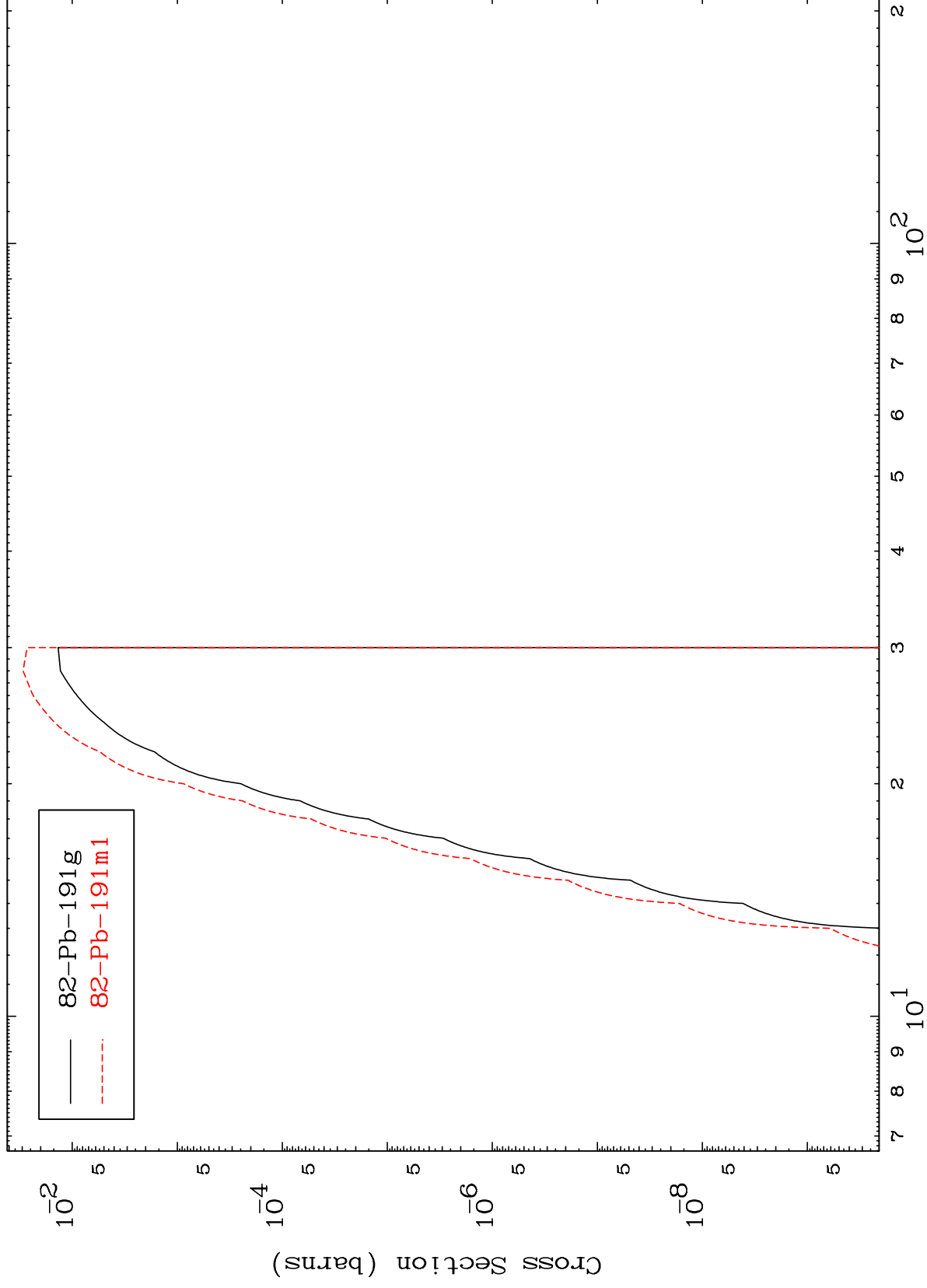
Incident Energy (MeV)

81-Tl-188m

MAT 8081

81-Tl-188m

Radionuclide Production Cross Section



19

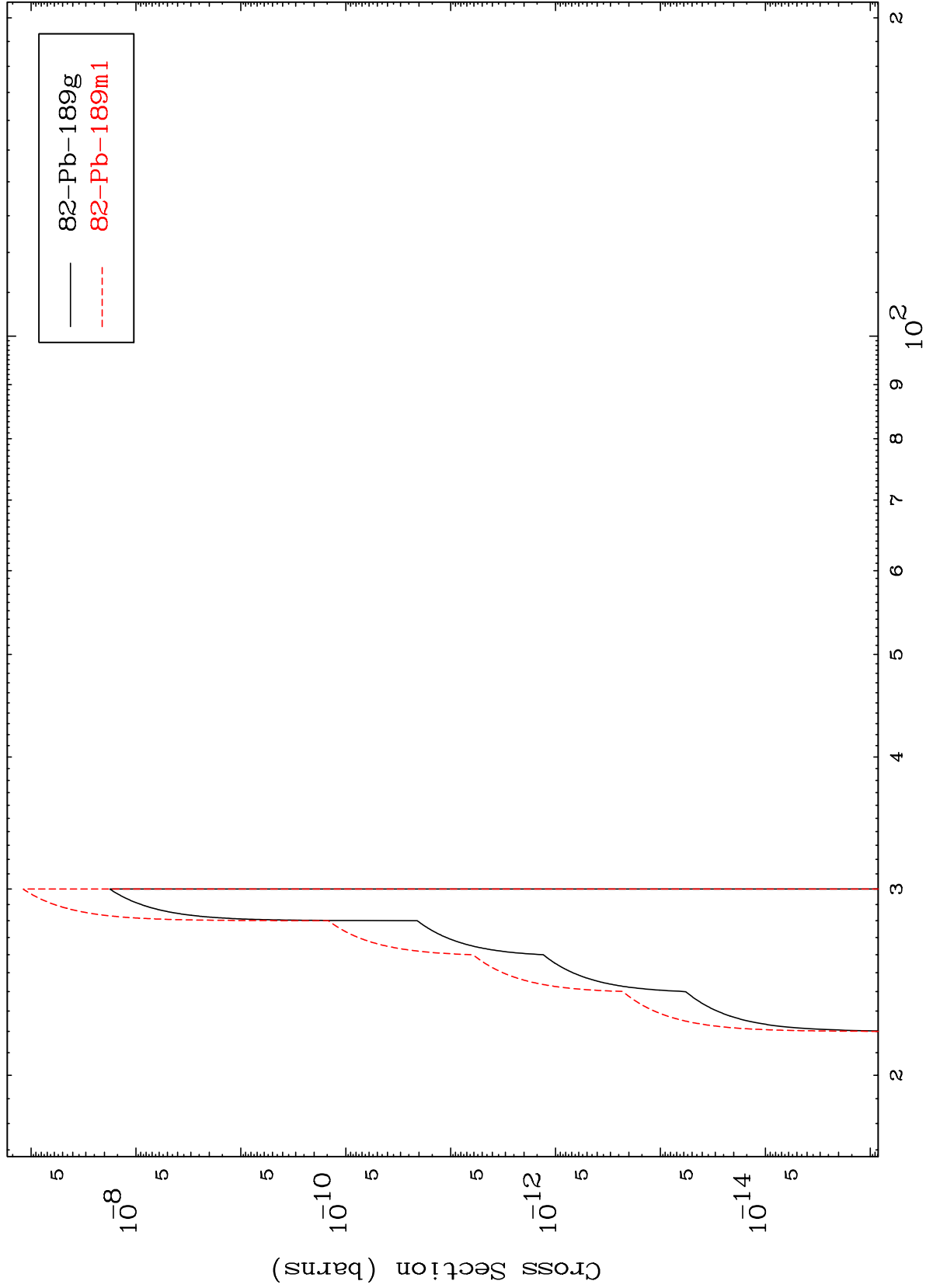
Incident Energy (MeV)

81-Tl-188m

MAT 8081

81-Tl-188m

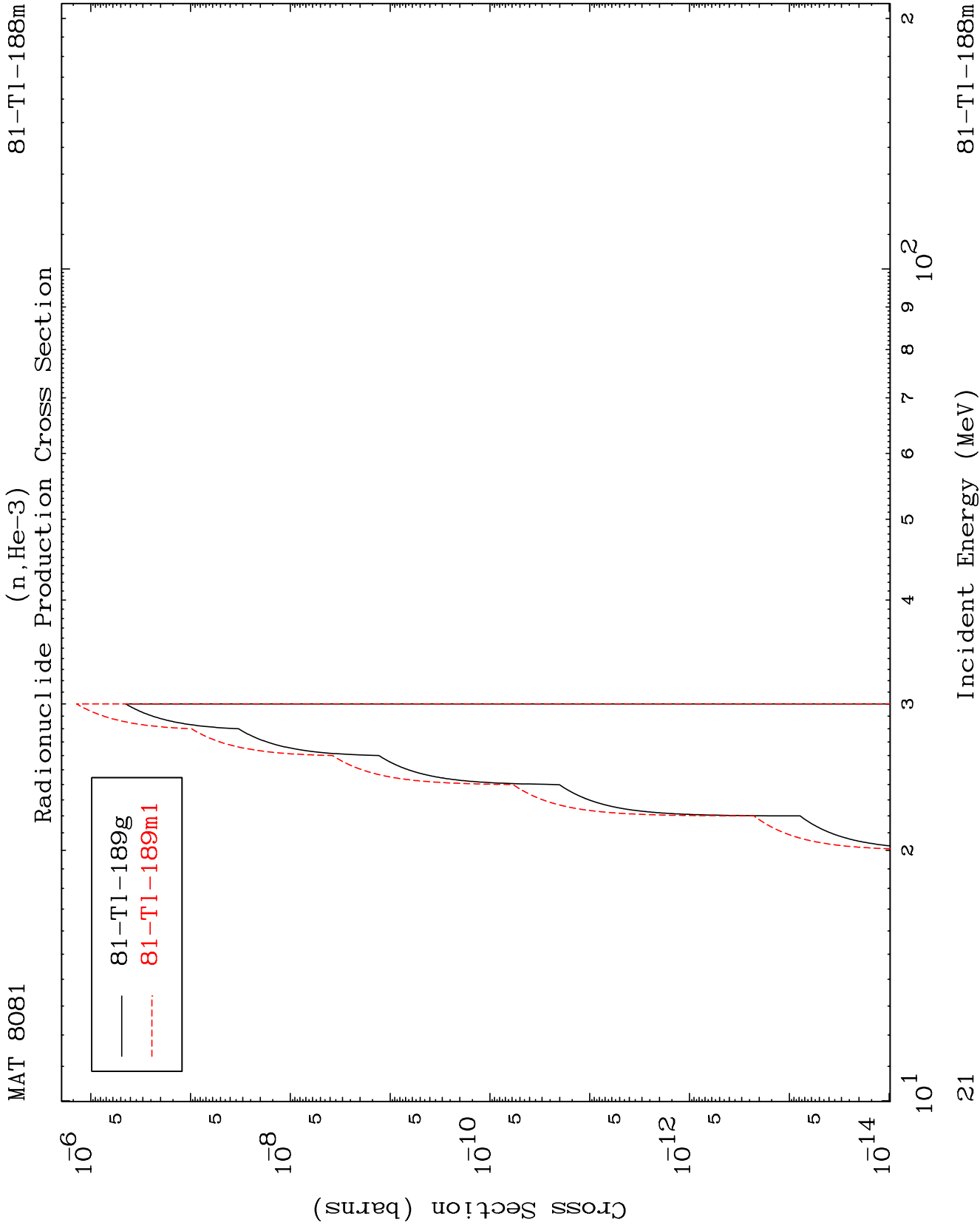
(n,t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

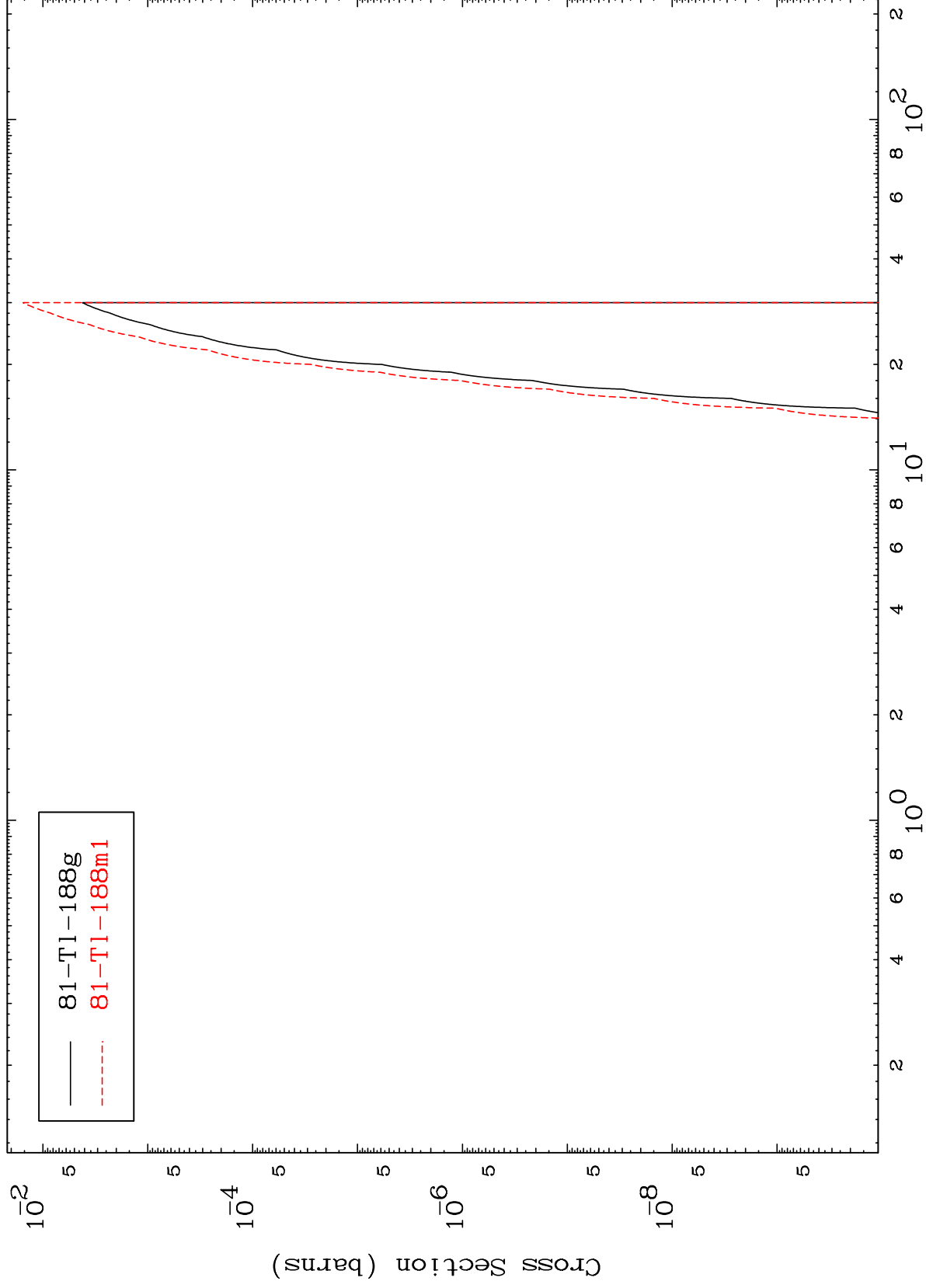
81-Tl-188m



MAT 8081

81-Tl-188m

Radionuclide Production Cross Section



22

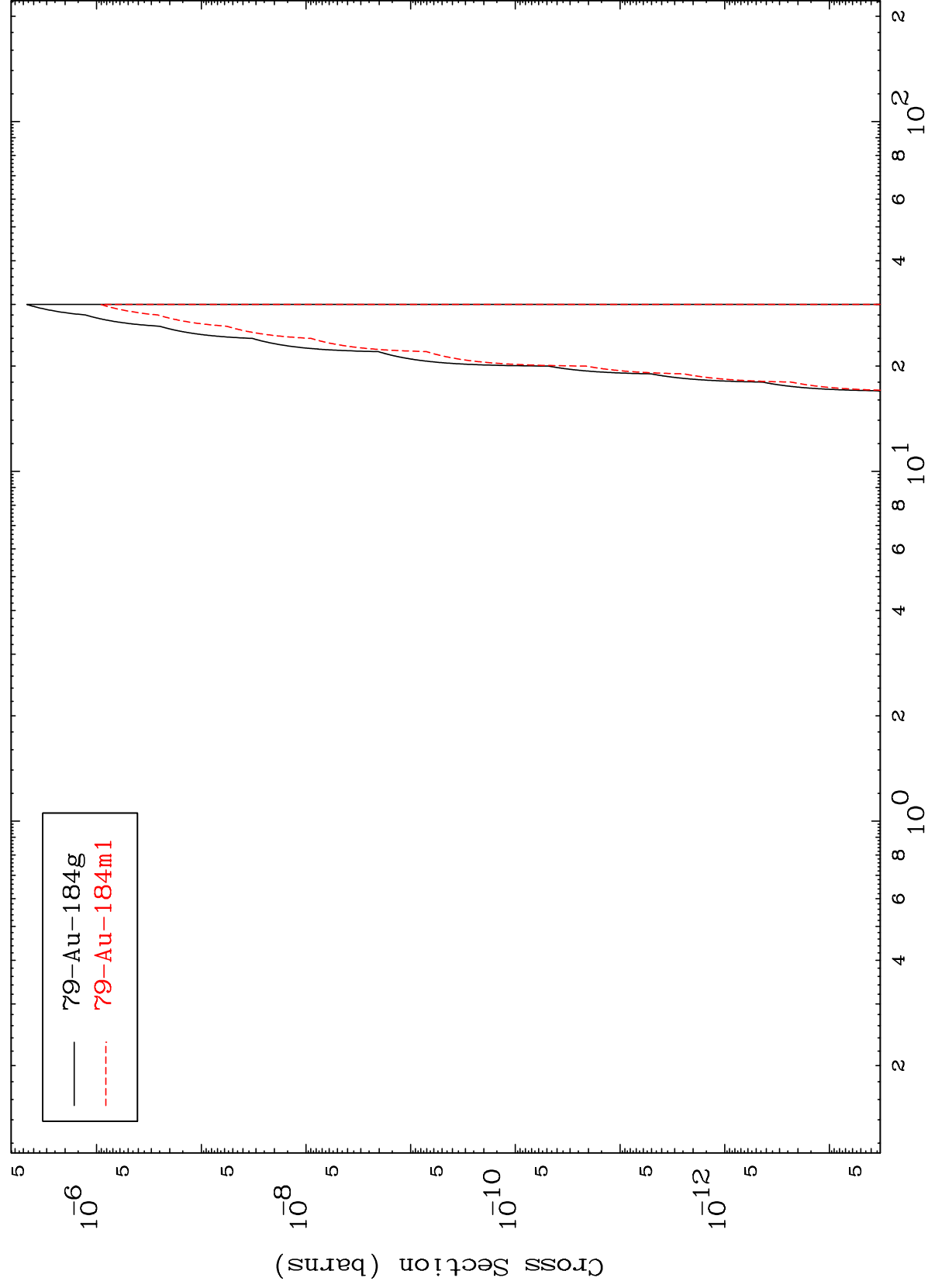
Incident Energy (MeV)

81-Tl-188m

MAT 8081

81-Tl-188m

Radionuclide Production Cross Section
(n,2 α)



23

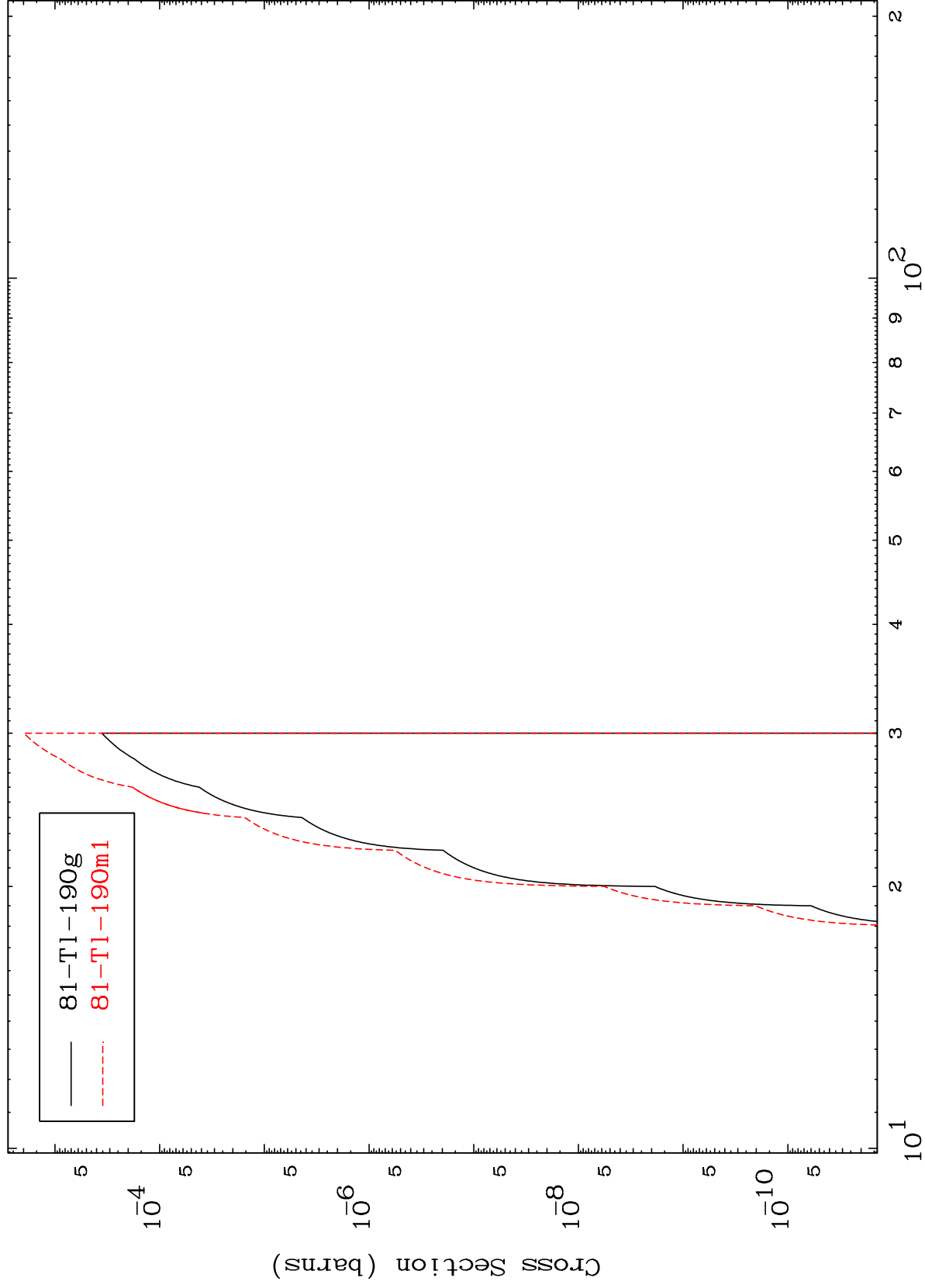
Incident Energy (MeV)

81-Tl-188m

MAT 8081

81-Tl-188m

(n,2p)
Radionuclide Production Cross Section



81-Tl-188m

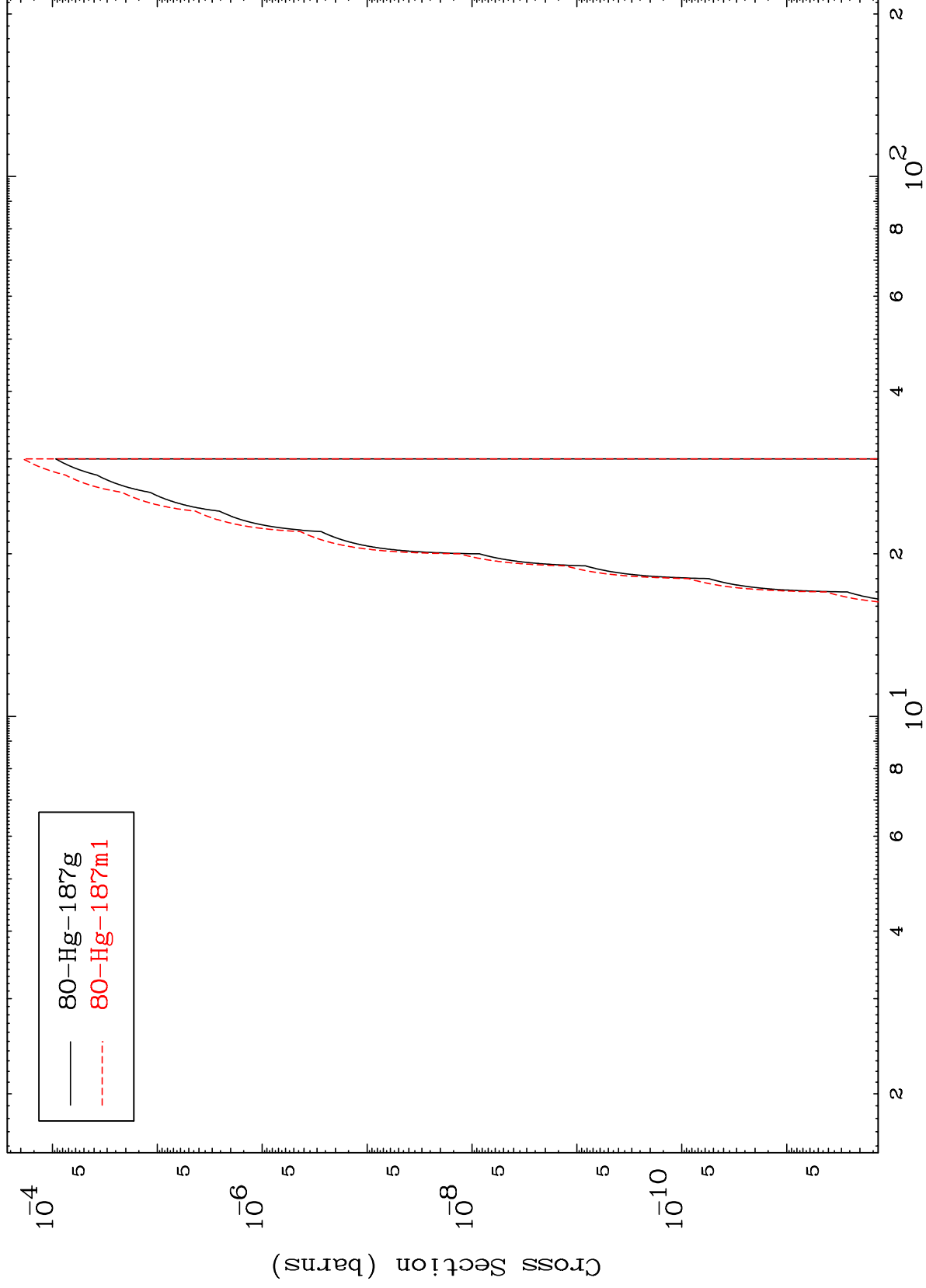
Incident Energy (MeV)

24

MAT 8081

81-Tl-188m

(n,p) α
Radionuclide Production Cross Section



25

Incident Energy (MeV)

81-Tl-188m

(n,p) d
Radionuclide Production Cross Section