

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

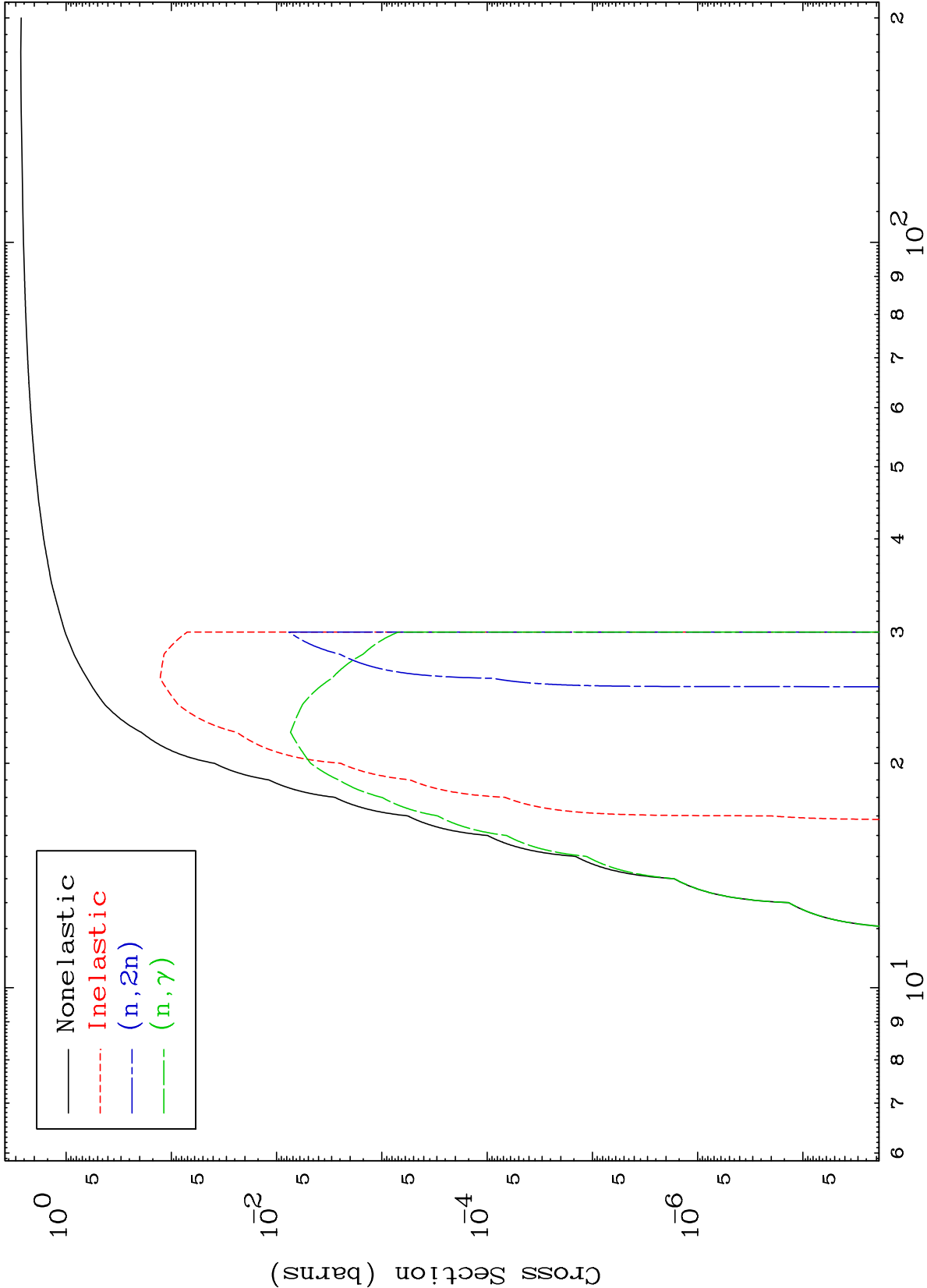
Press Mouse Button to Start

MAT 8084

α Major

81-Tl-189m

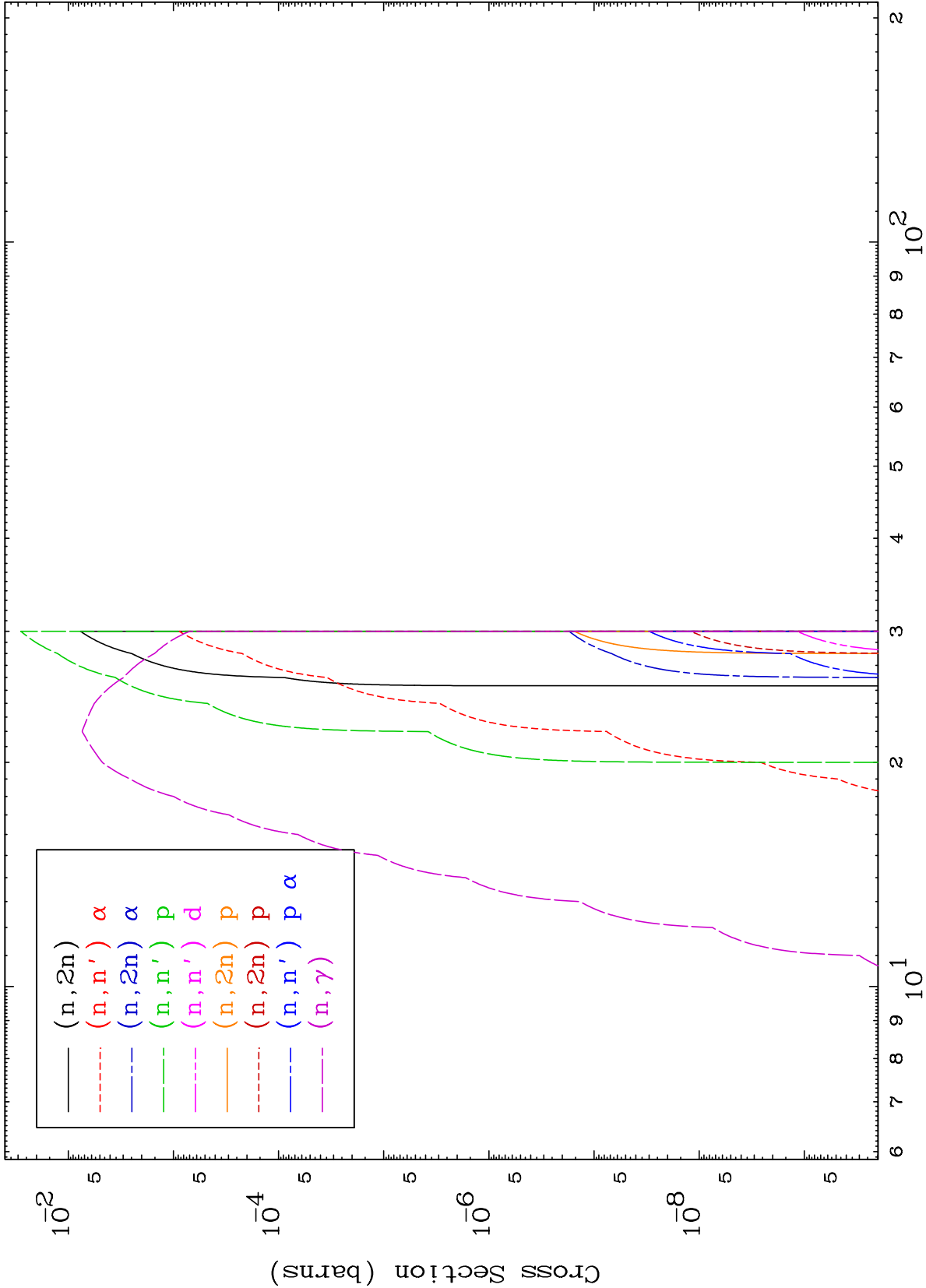
0 Kelvin Cross Sections



MAT 8084

α Neutron Absorption
0 Kelvin Cross Sections

81-Tl-189m



2

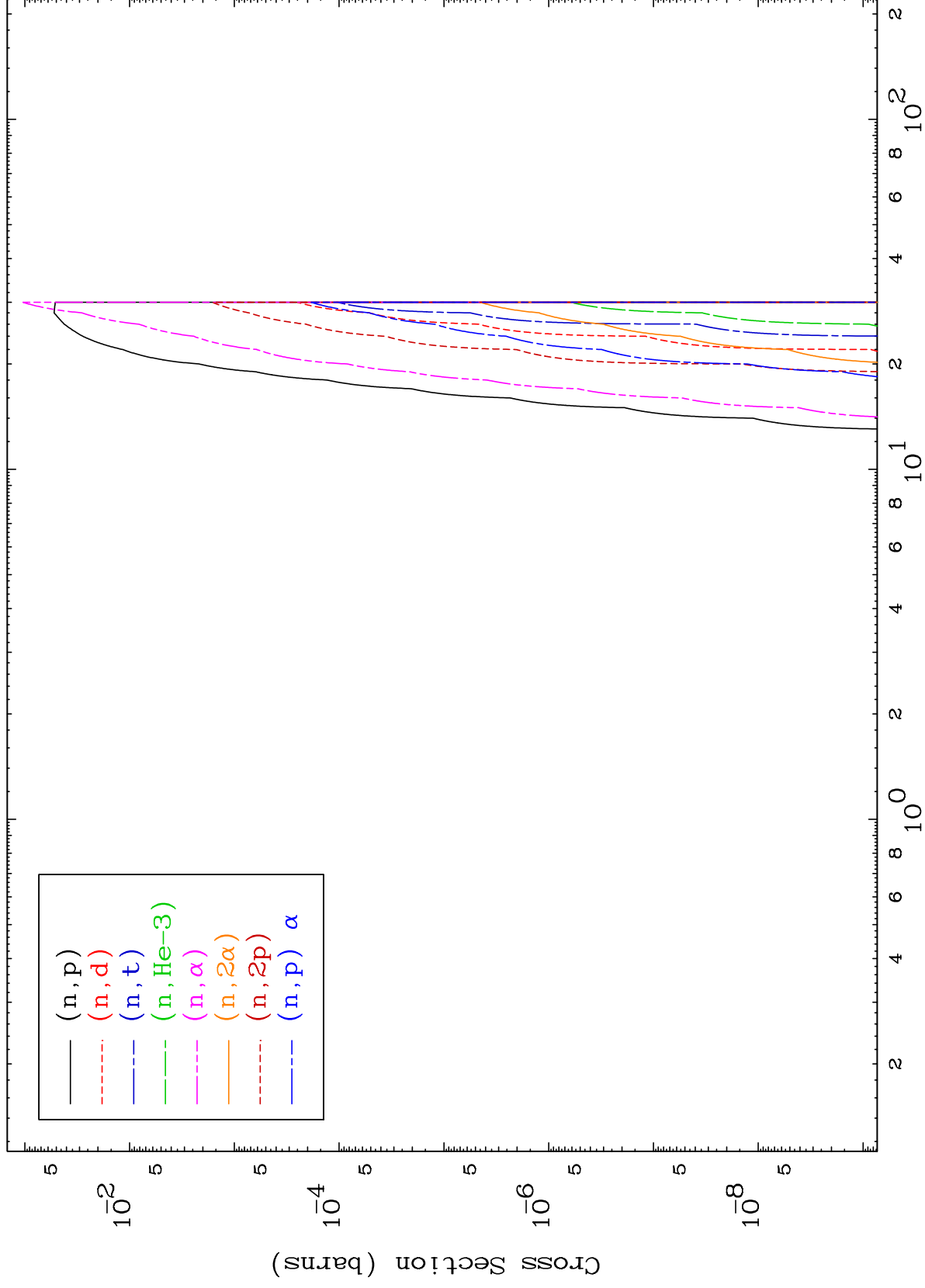
Incident Energy (MeV)

81-Tl-189m

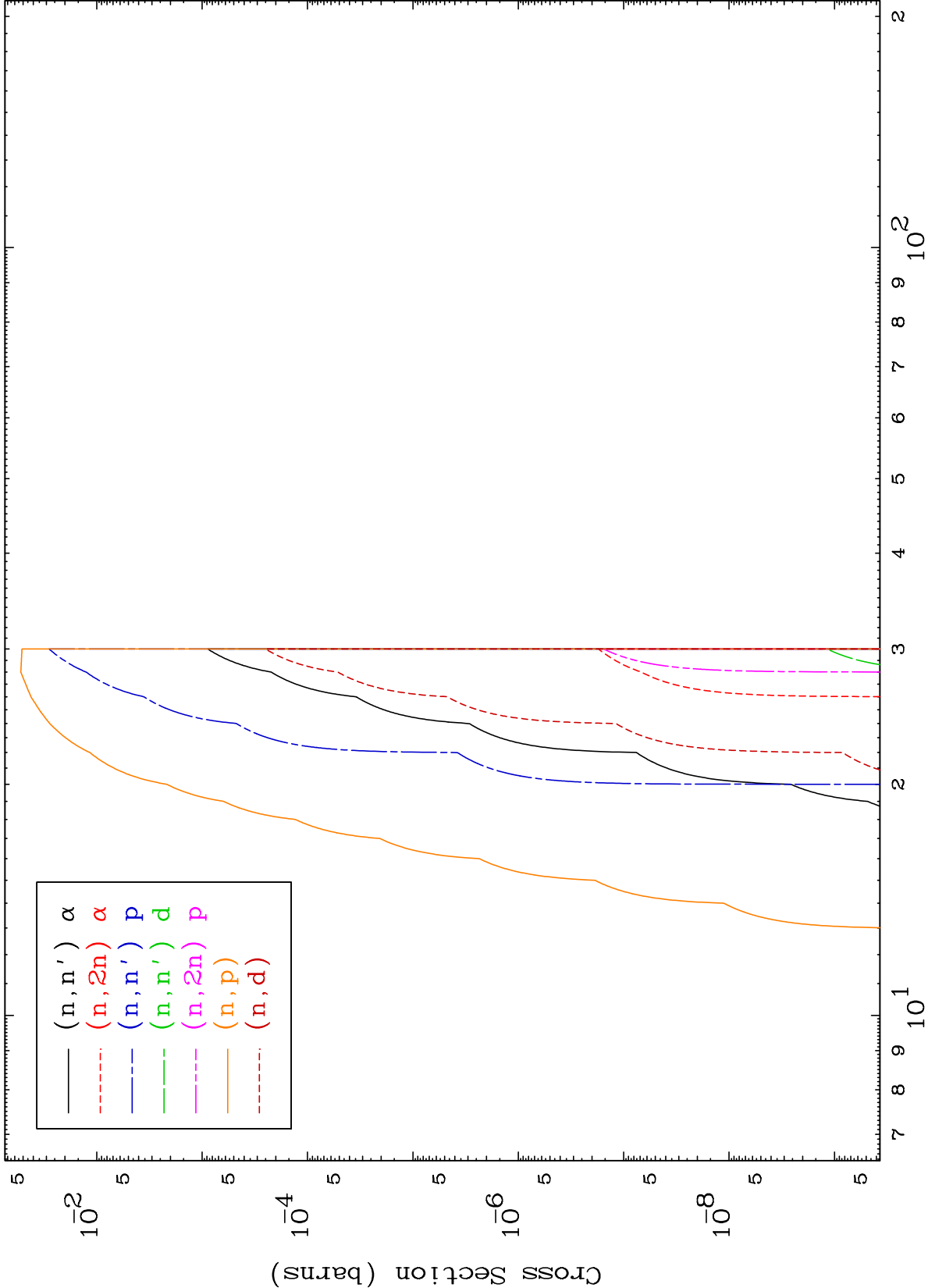
MAT 8084

α Neutron Absorption
0 Kelvin Cross Sections

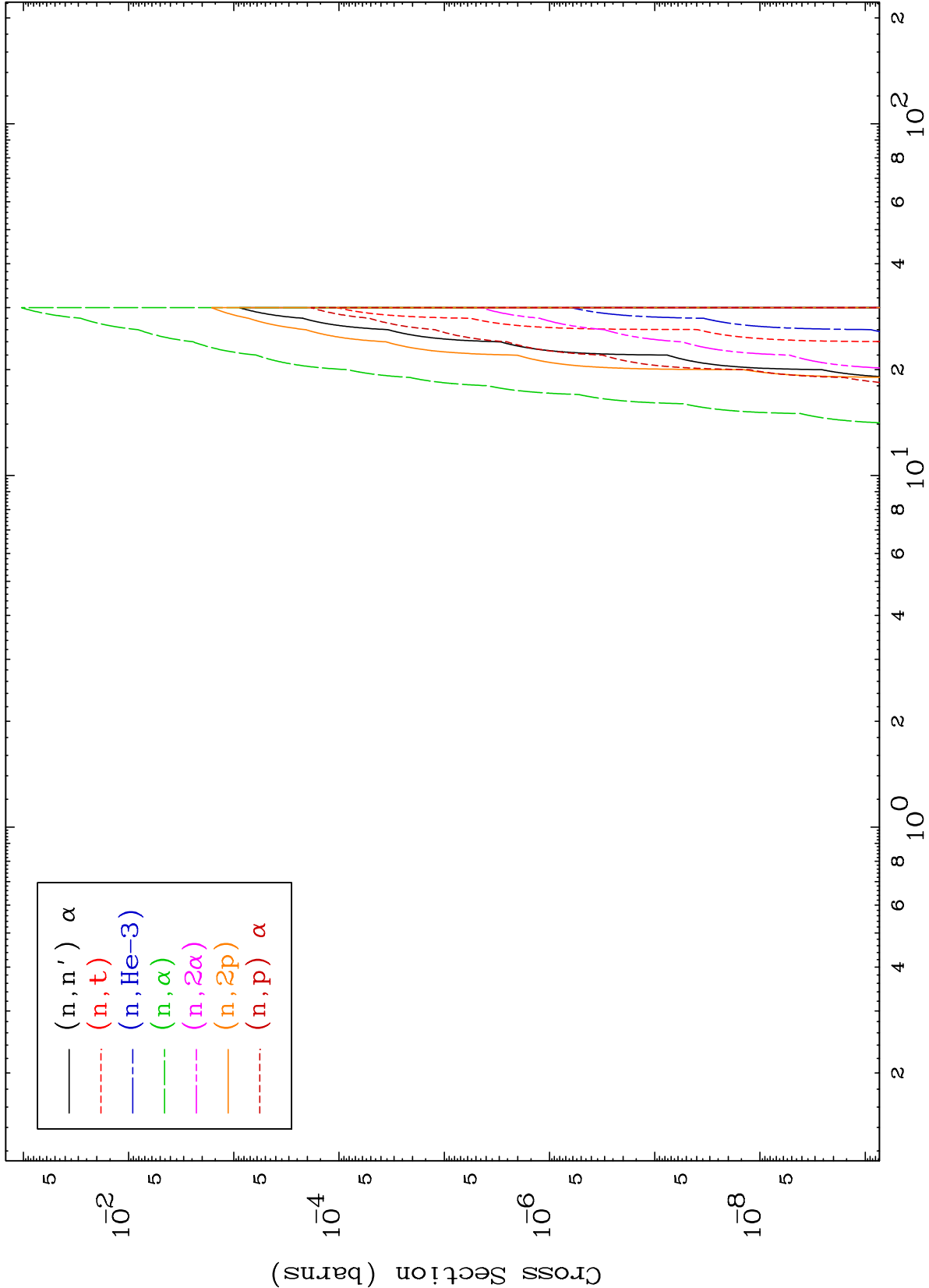
81-Tl-189m



0 Kelvin Cross Sections



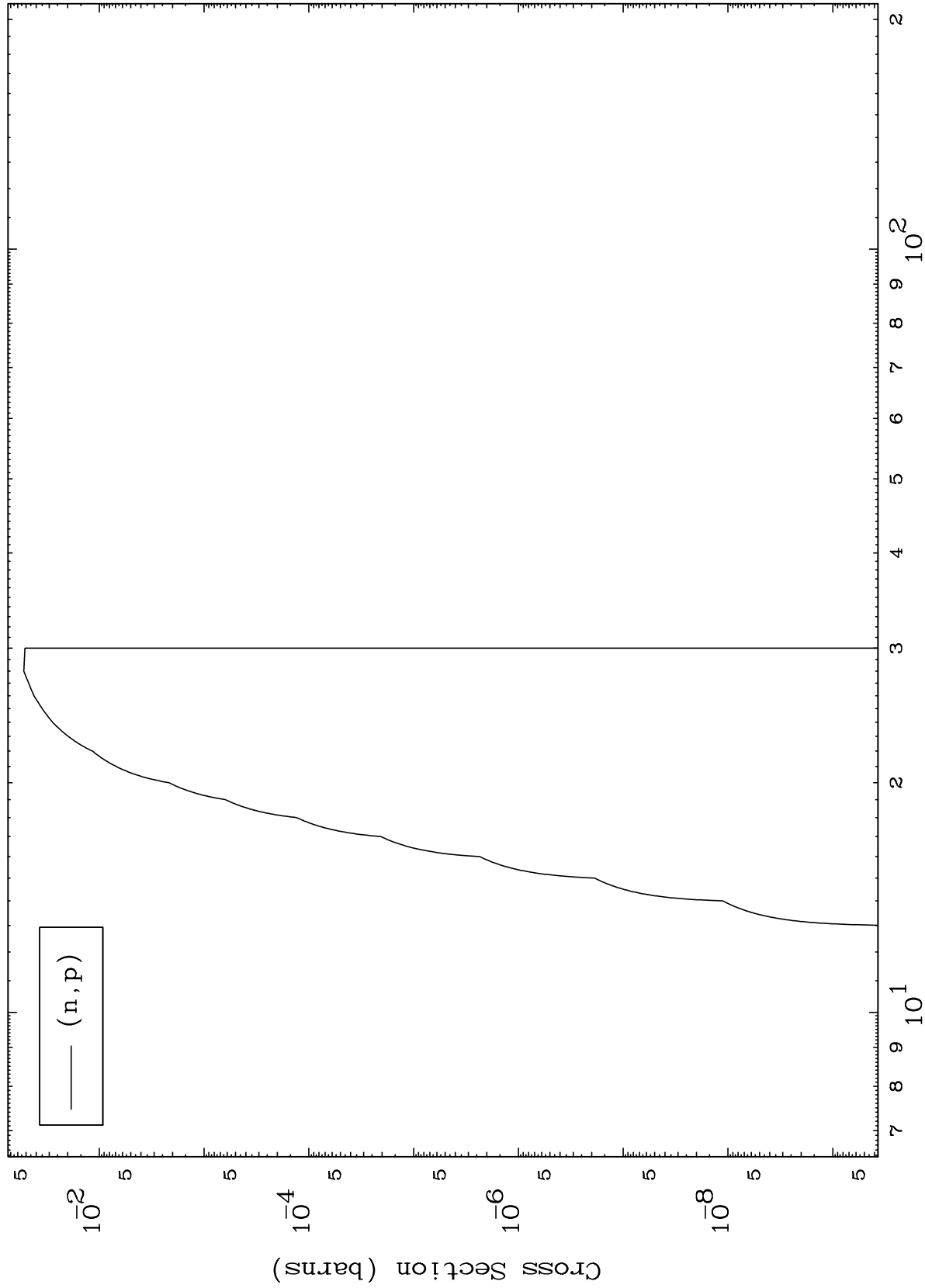
0 Kelvin Cross Sections



MAT 8084

81-Tl-189m

(α, p) Levels
0 Kelvin Cross Sections



81-Tl-189m

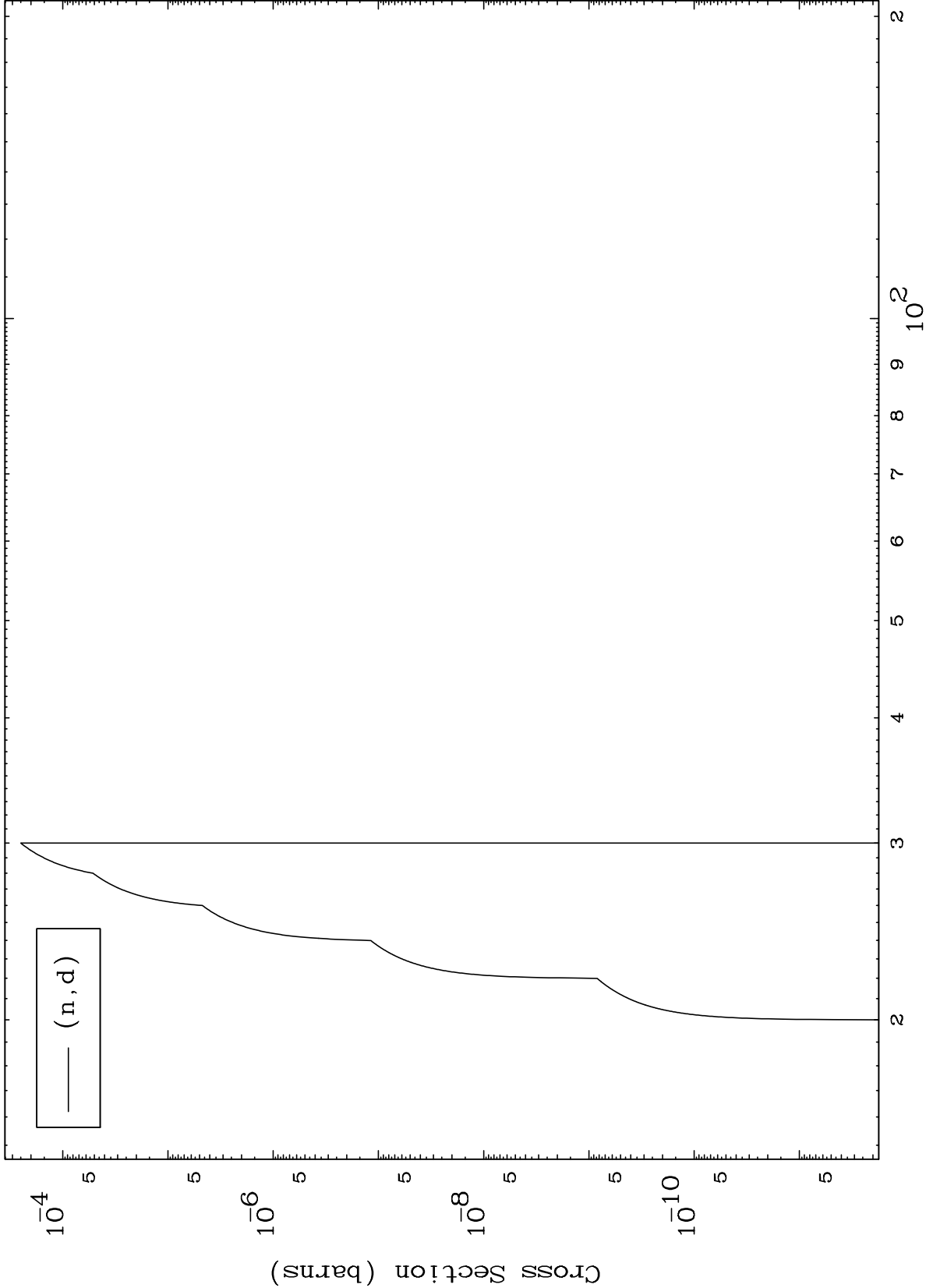
Incident Energy (MeV)

6

MAT 8084

(α, d) Levels
0 Kelvin Cross Sections

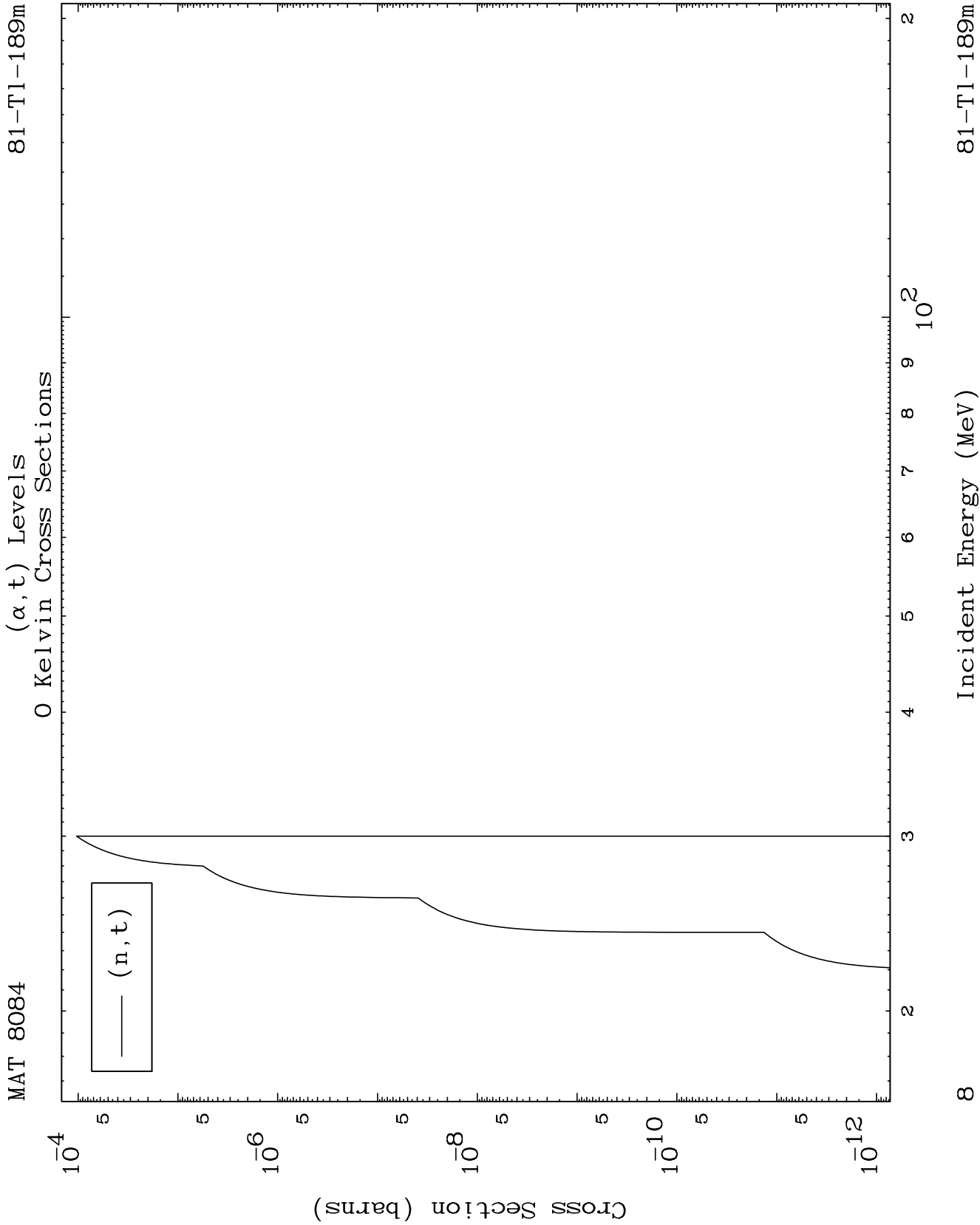
81-Tl-189m



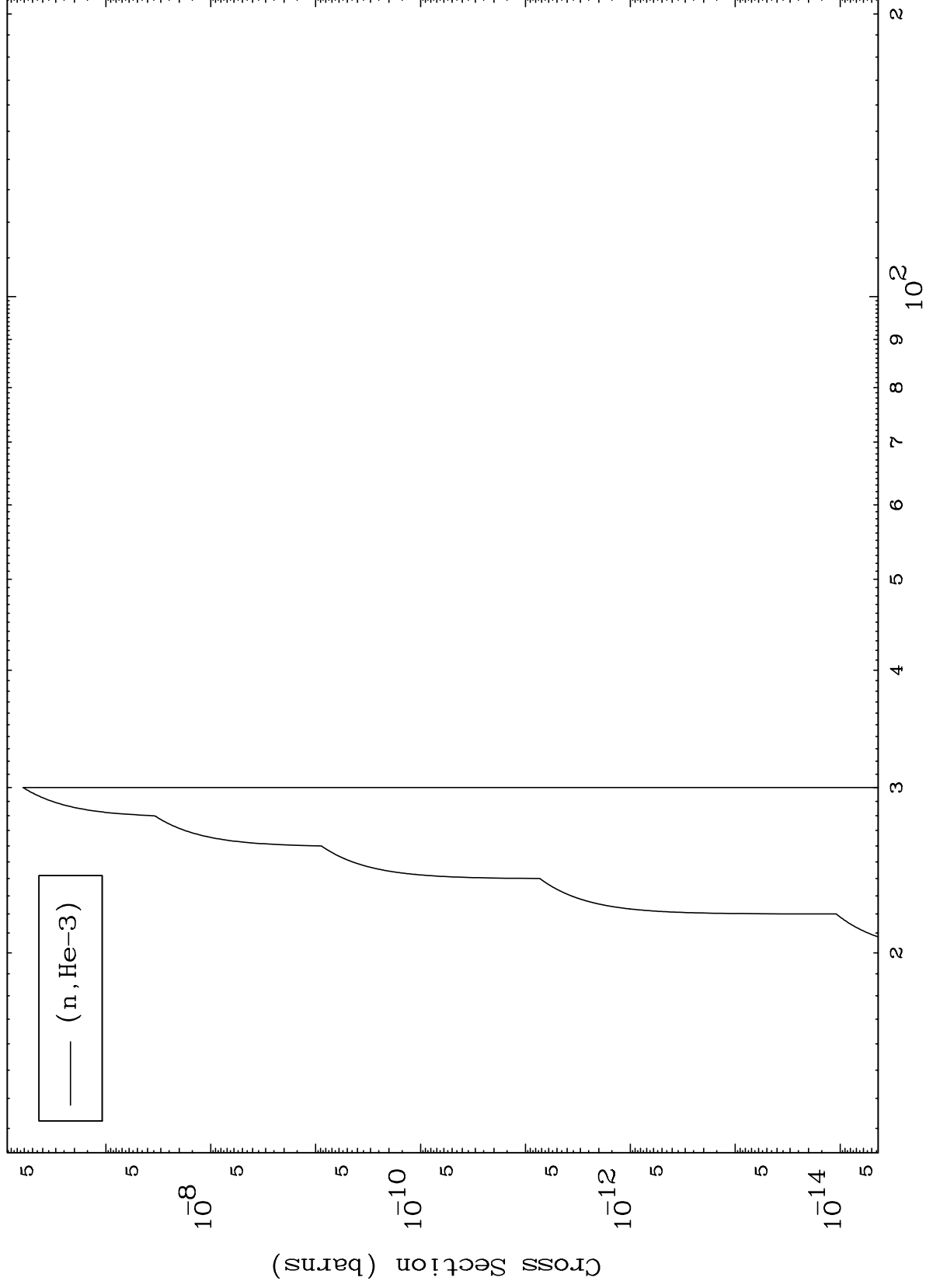
7

Incident Energy (MeV)

81-Tl-189m



(α ,He3) Levels
0 Kelvin Cross Sections

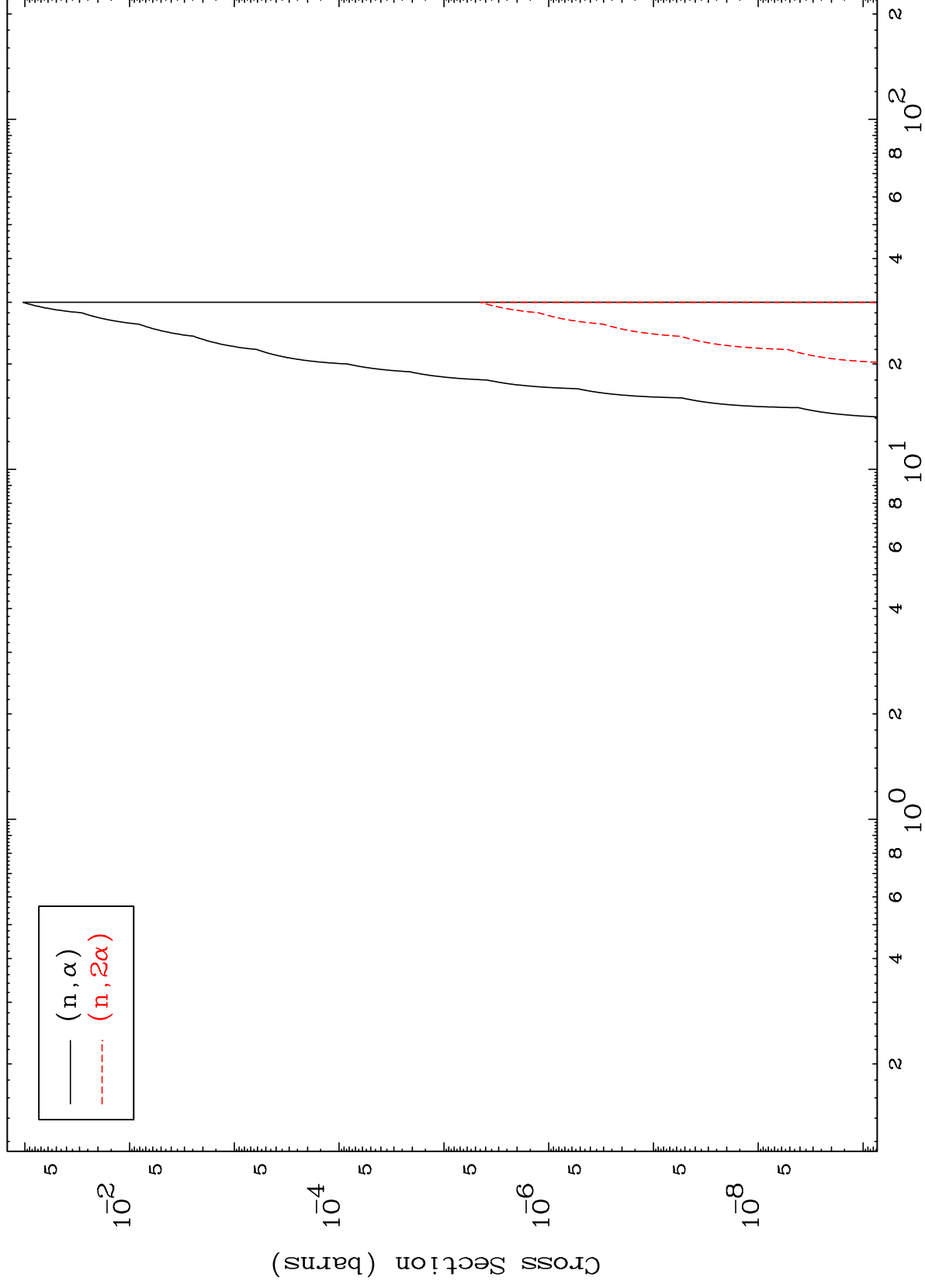


MAT 8084

(α, α) Levels

81-Tl-189m

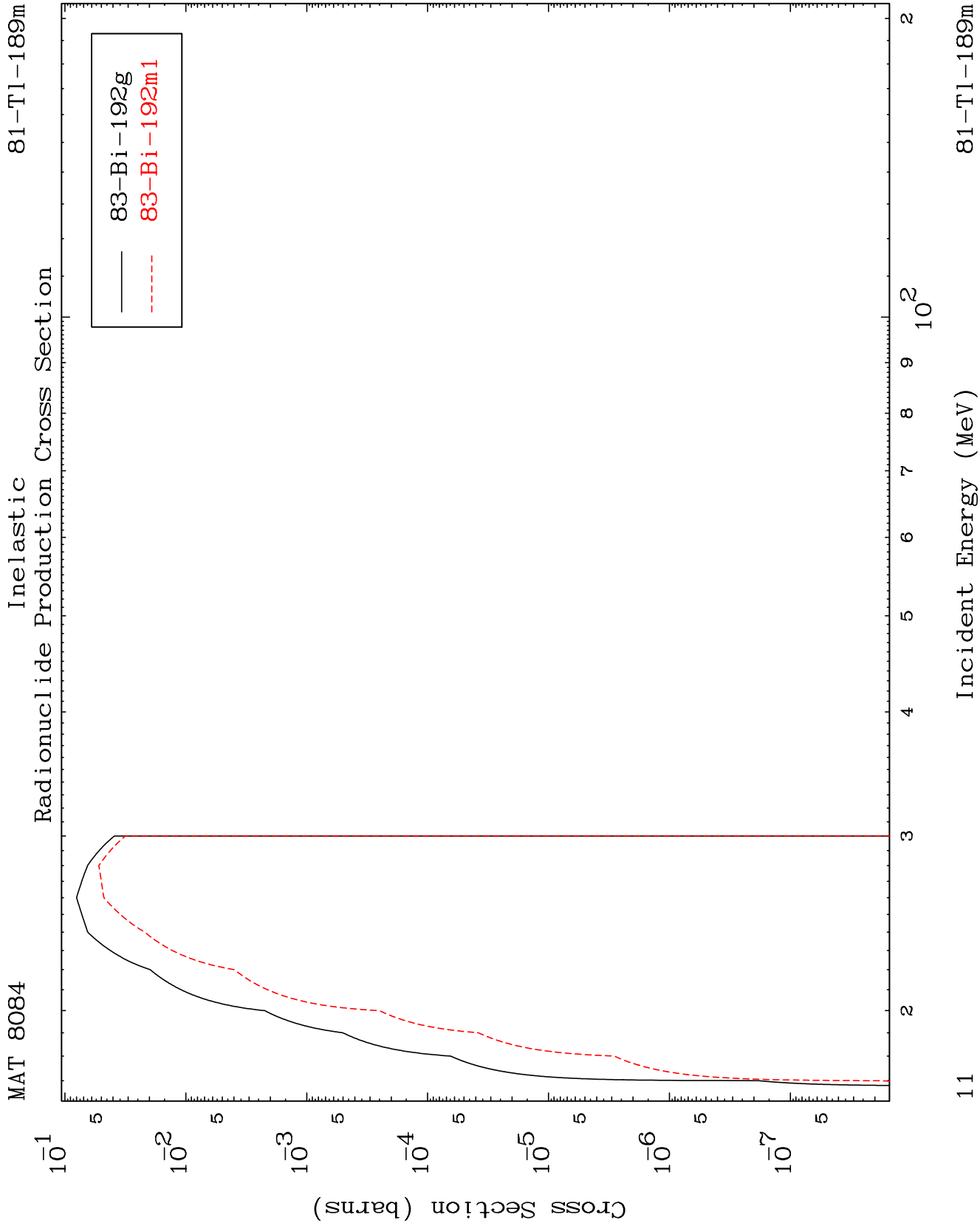
0 Kelvin Cross Sections

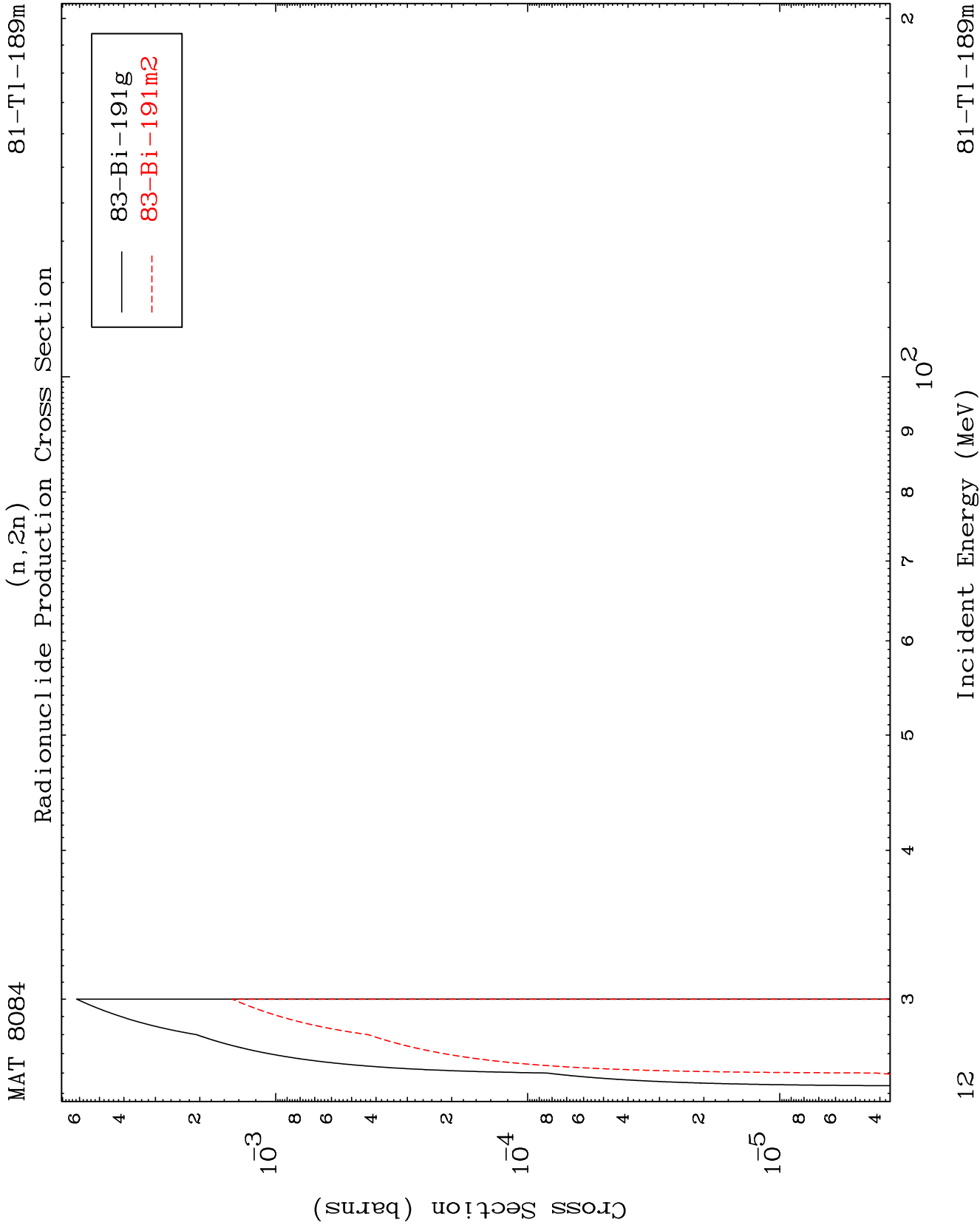


10

Incident Energy (MeV)

81-Tl-189m



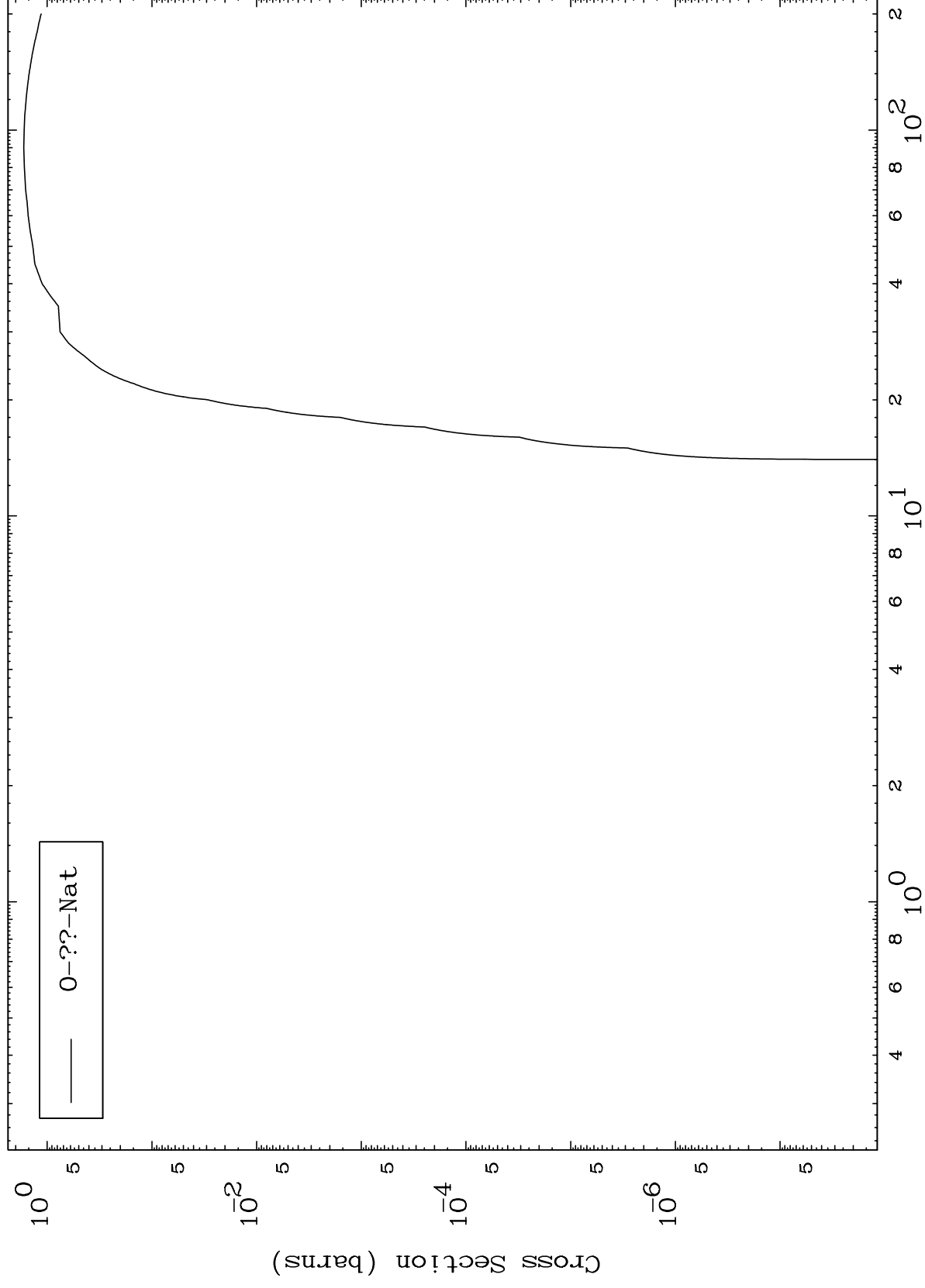


MAT 8084

Fission

81-T1-189m

Radionuclide Production Cross Section



13

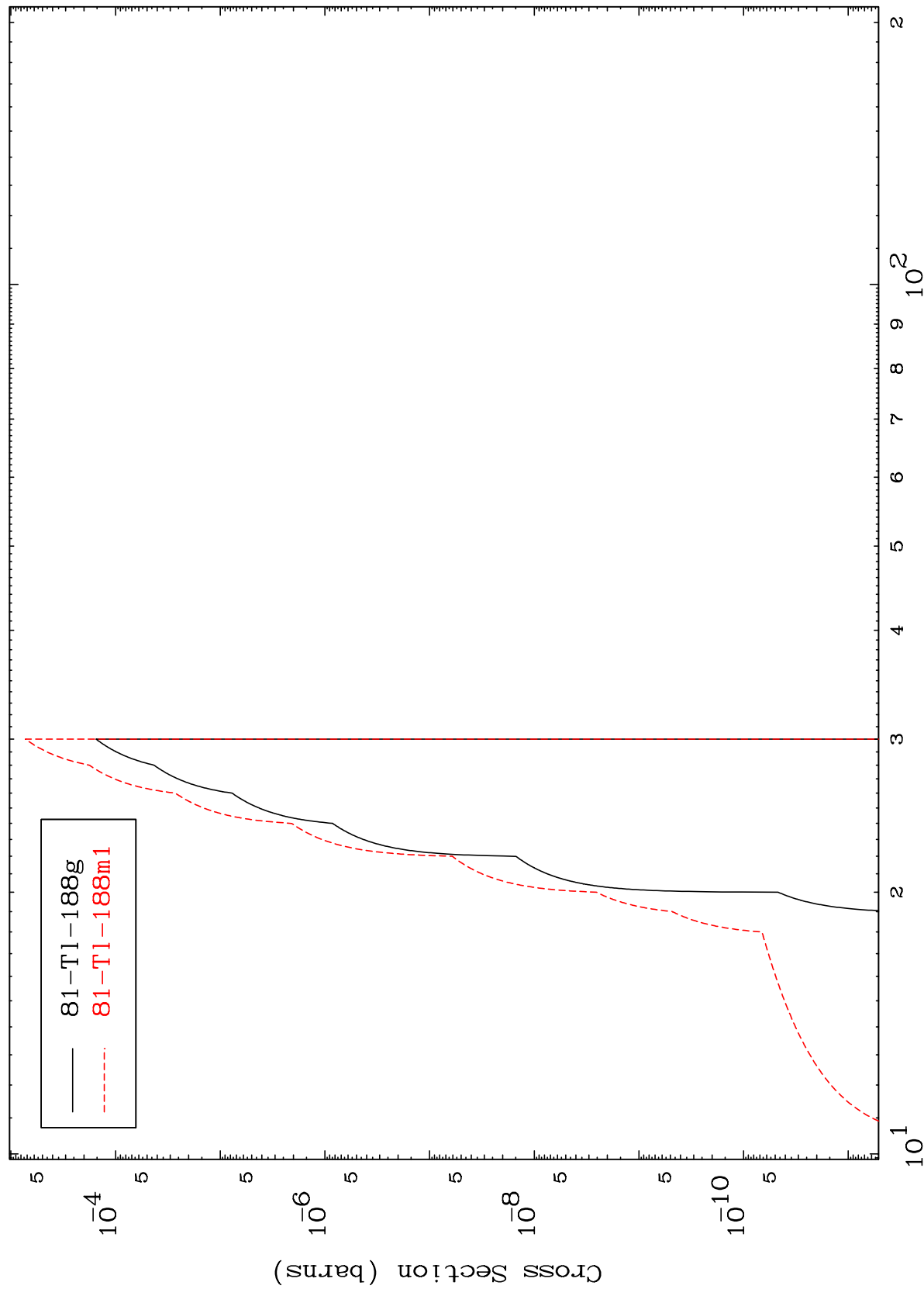
Incident Energy (MeV)

81-T1-189m

MAT 8084

81-Tl-189m

Radionuclide Production Cross Section
(n,n') α



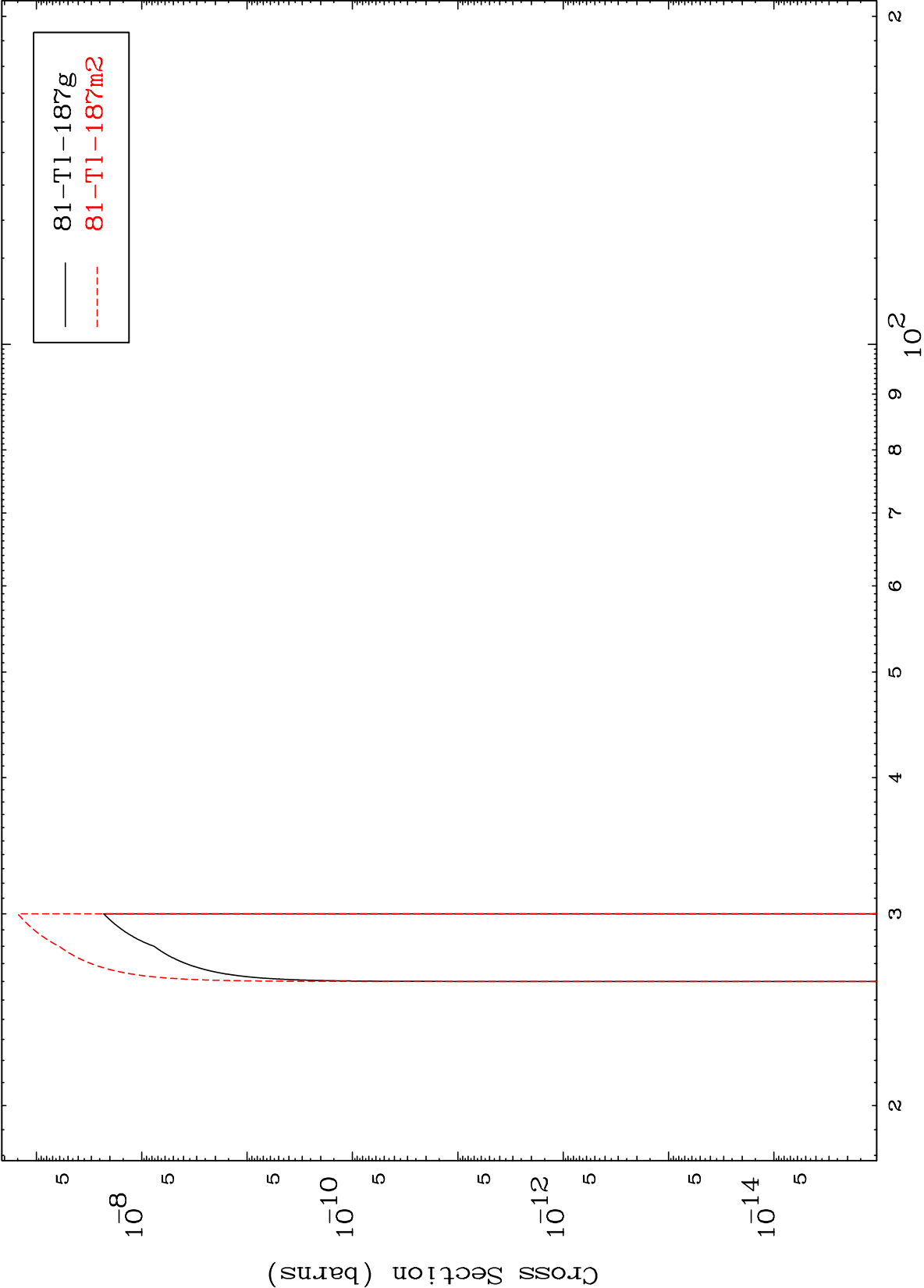
81-Tl-189m

Incident Energy (MeV)

MAT 8084

81-Tl-189m

$(n,2n) \alpha$
Radionuclide Production Cross Section



15

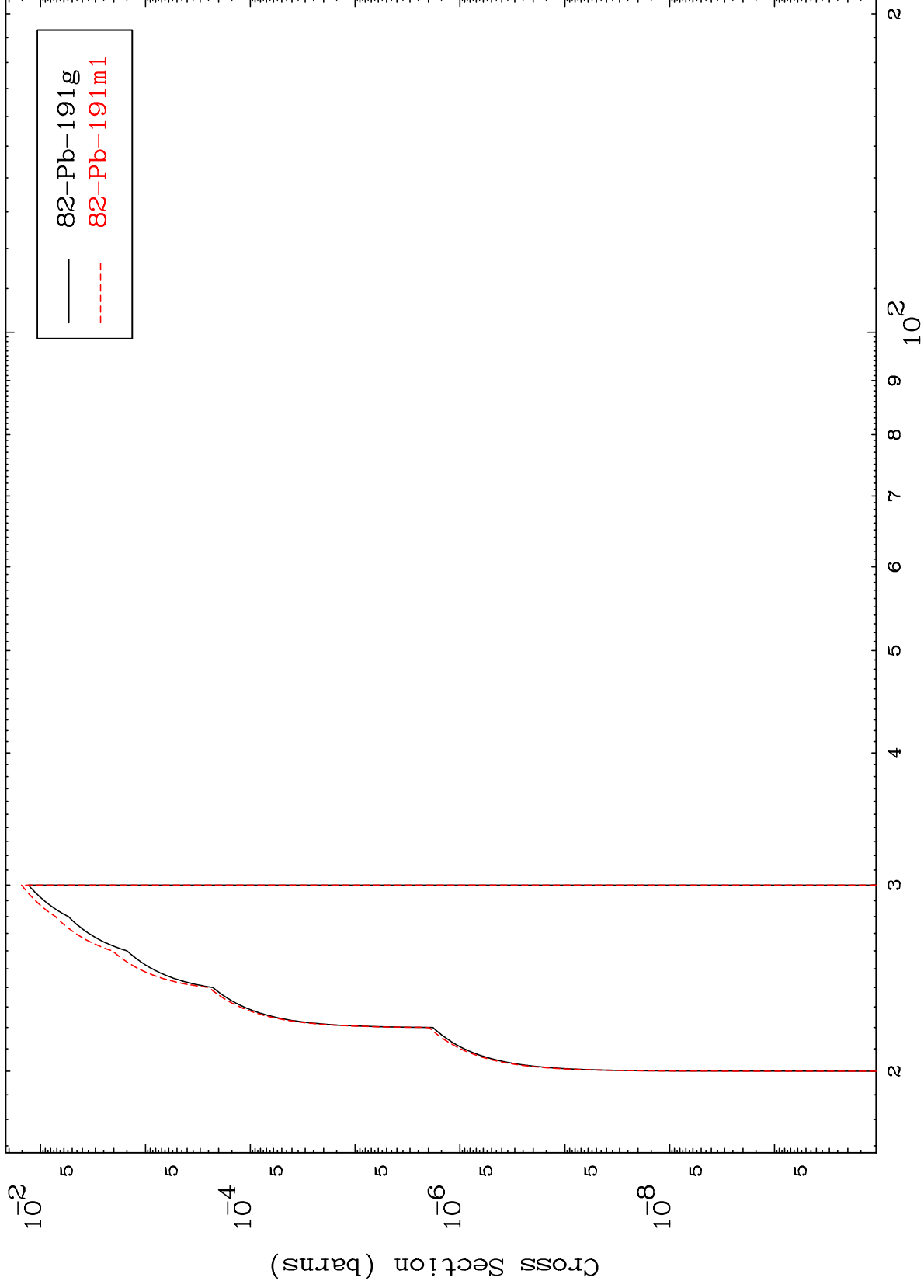
Incident Energy (MeV)

81-Tl-189m

MAT 8084

81-Tl-189m

(n,n') p
Radionuclide Production Cross Section



16

Incident Energy (MeV)

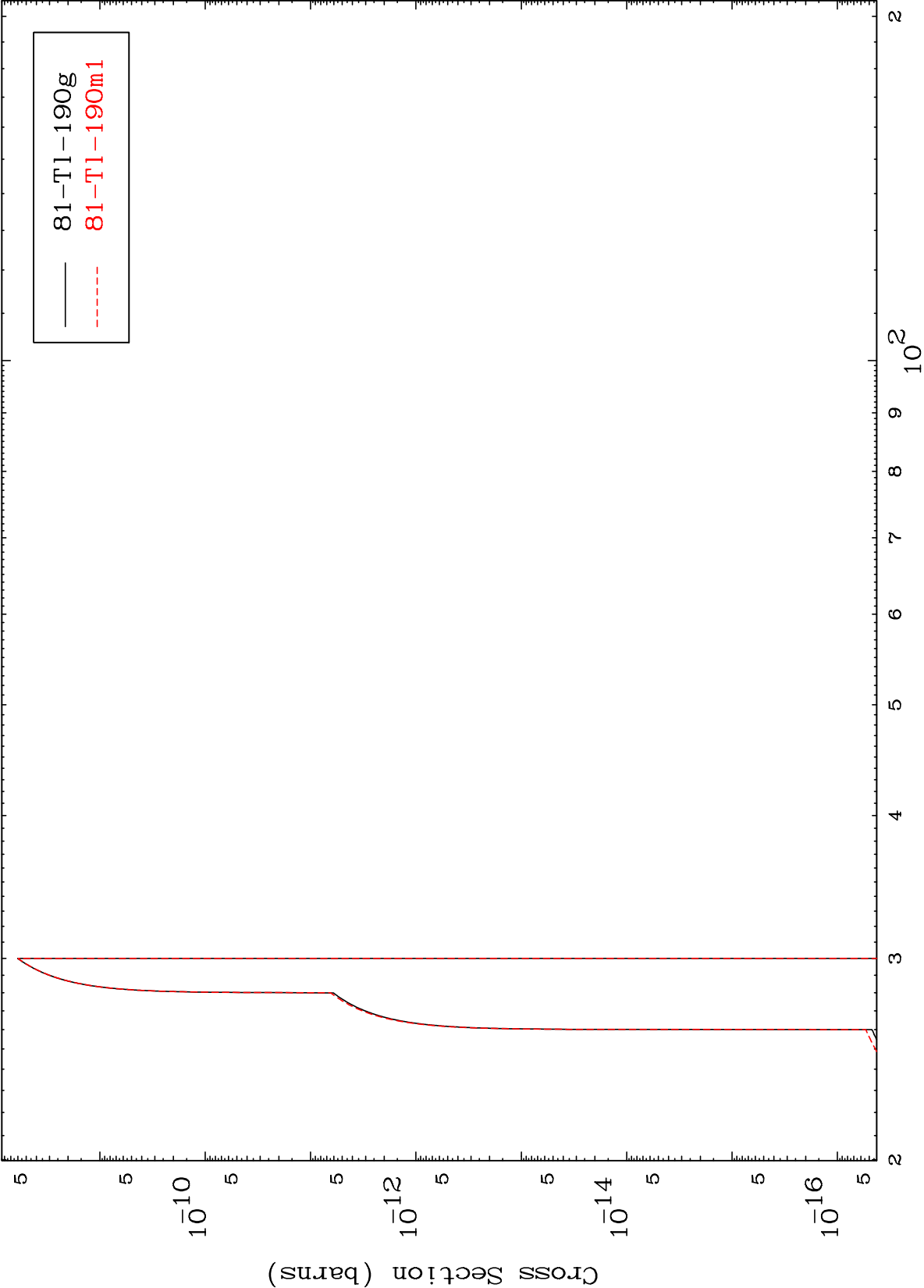
81-Tl-189m

MAT 8084

(n,2n) p

81-Tl-189m

Radionuclide Production Cross Section

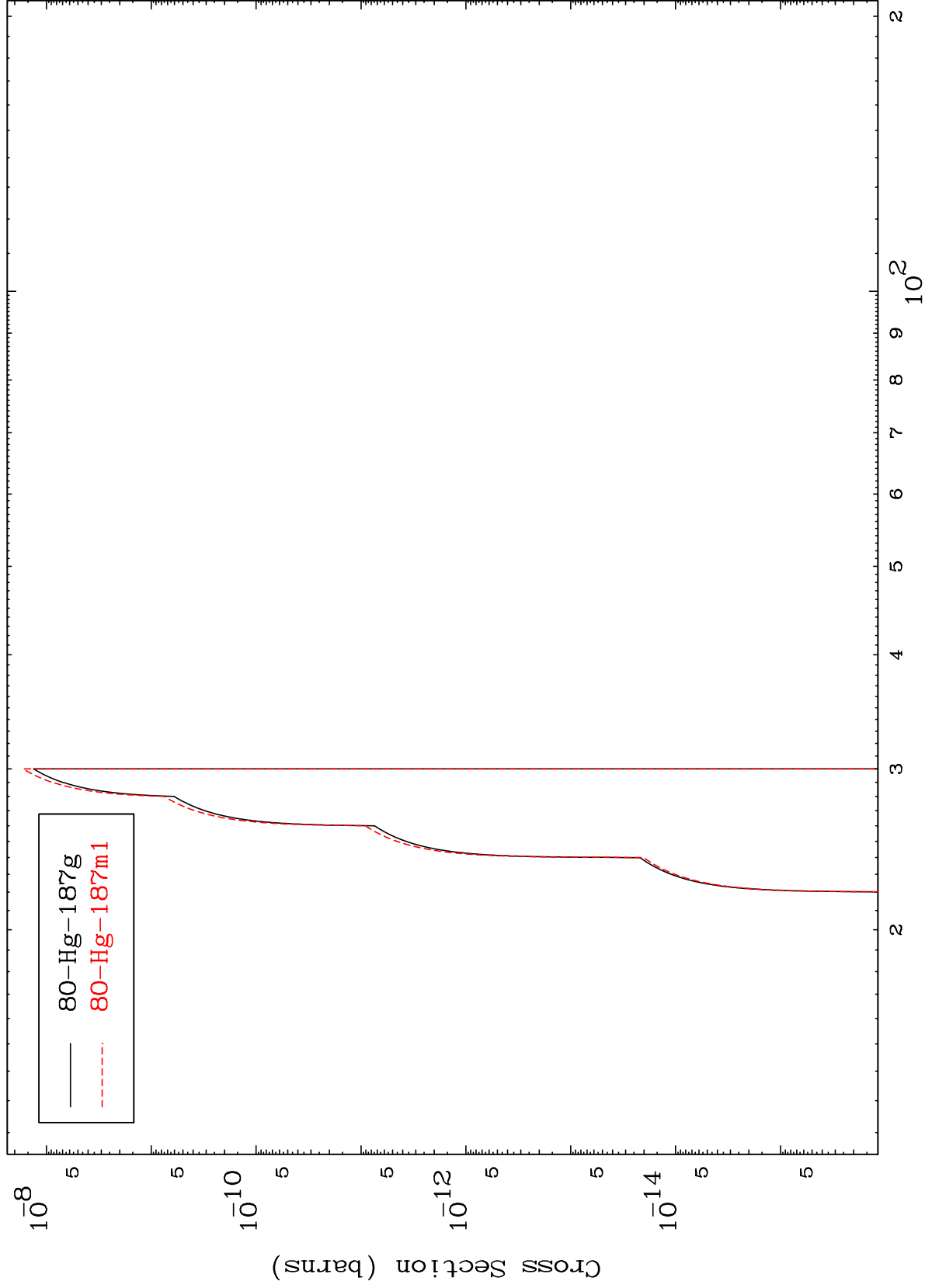


17

Incident Energy (MeV)

81-Tl-189m

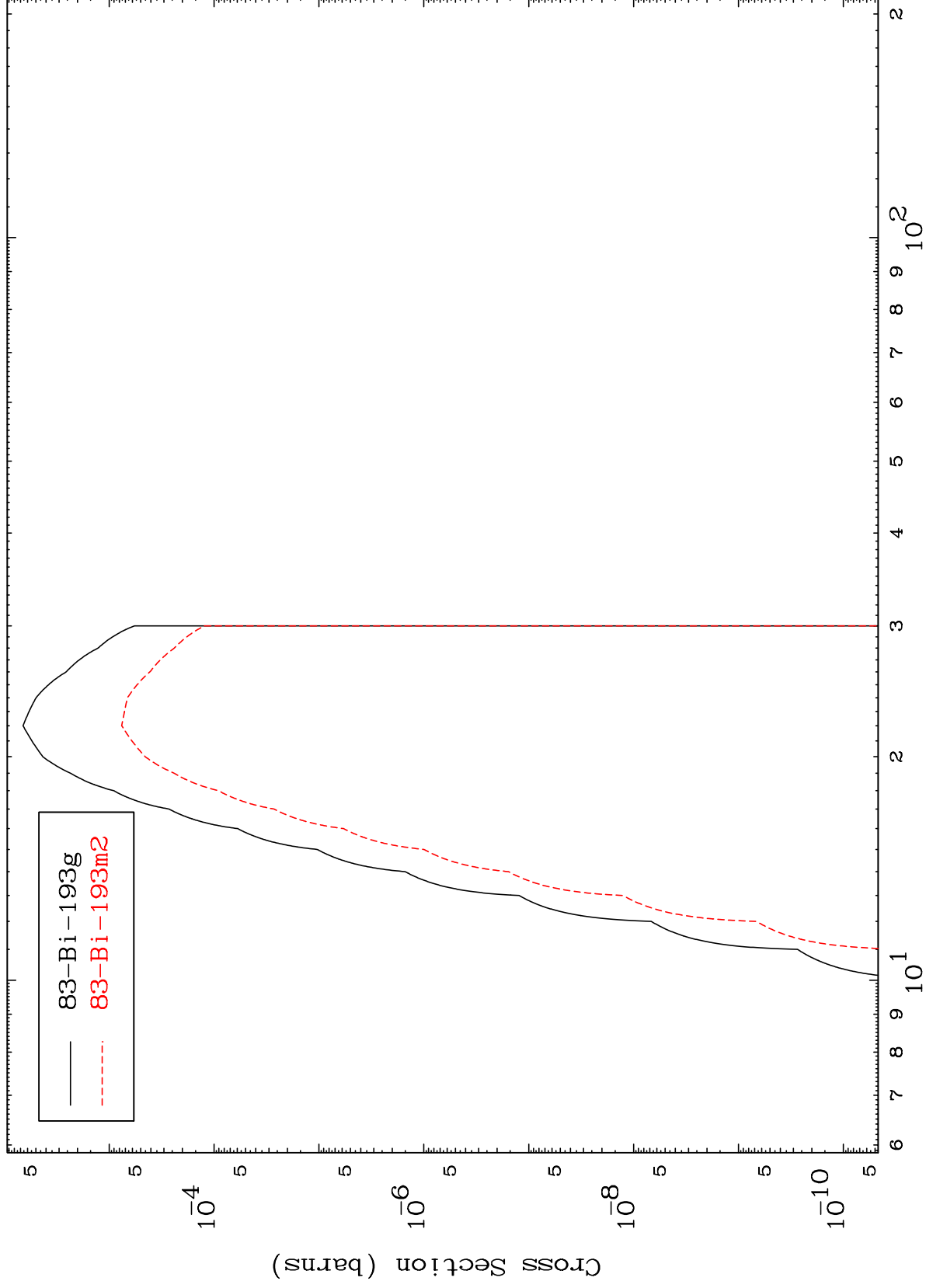
(n,n') p α
Radionuclide Production Cross Section



MAT 8084

81-Tl-189m

Radionuclide Production Cross Section



19

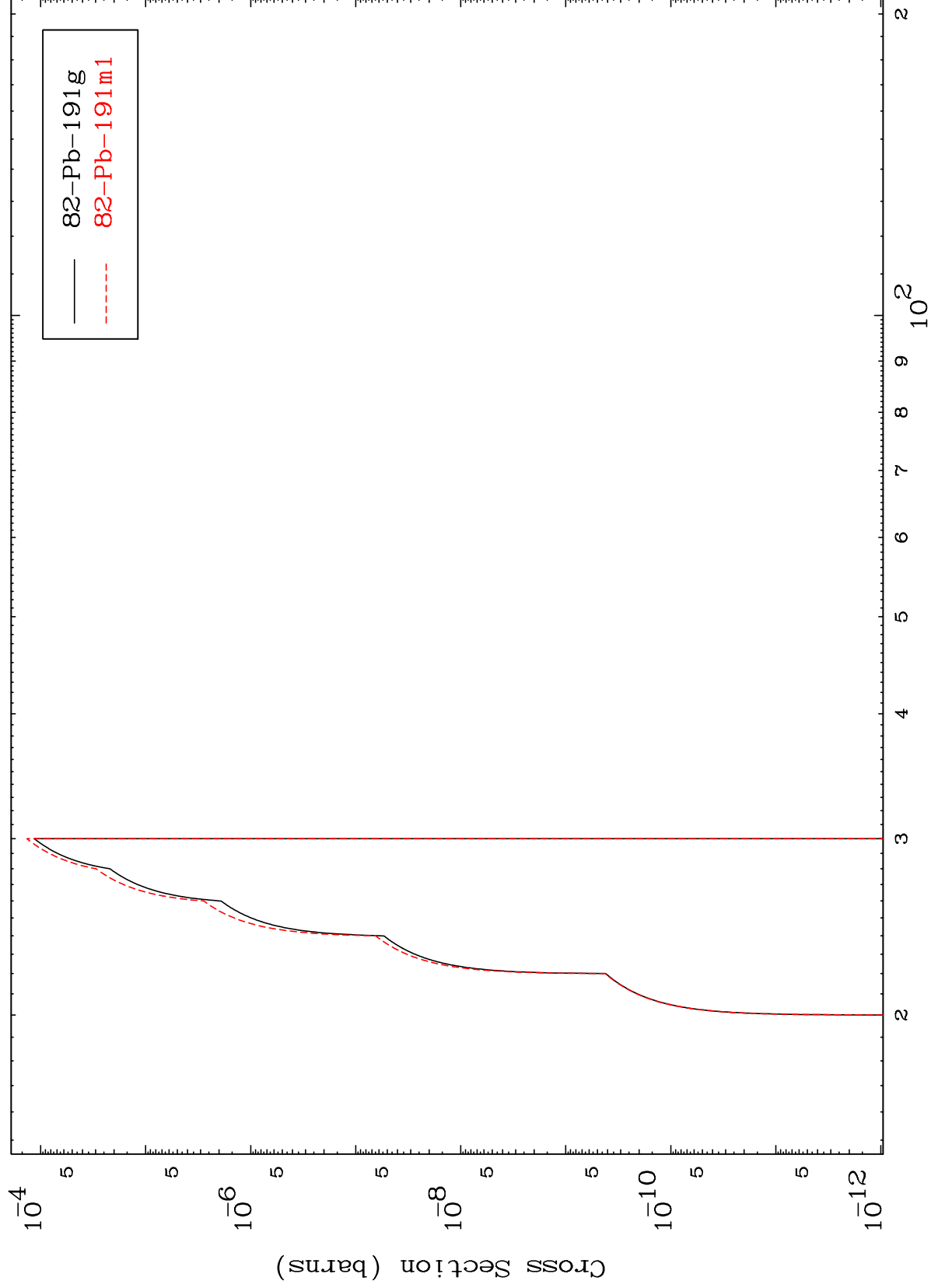
Incident Energy (MeV)

81-Tl-189m

MAT 8084

81-Tl-189m

(n,d)
Radionuclide Production Cross Section

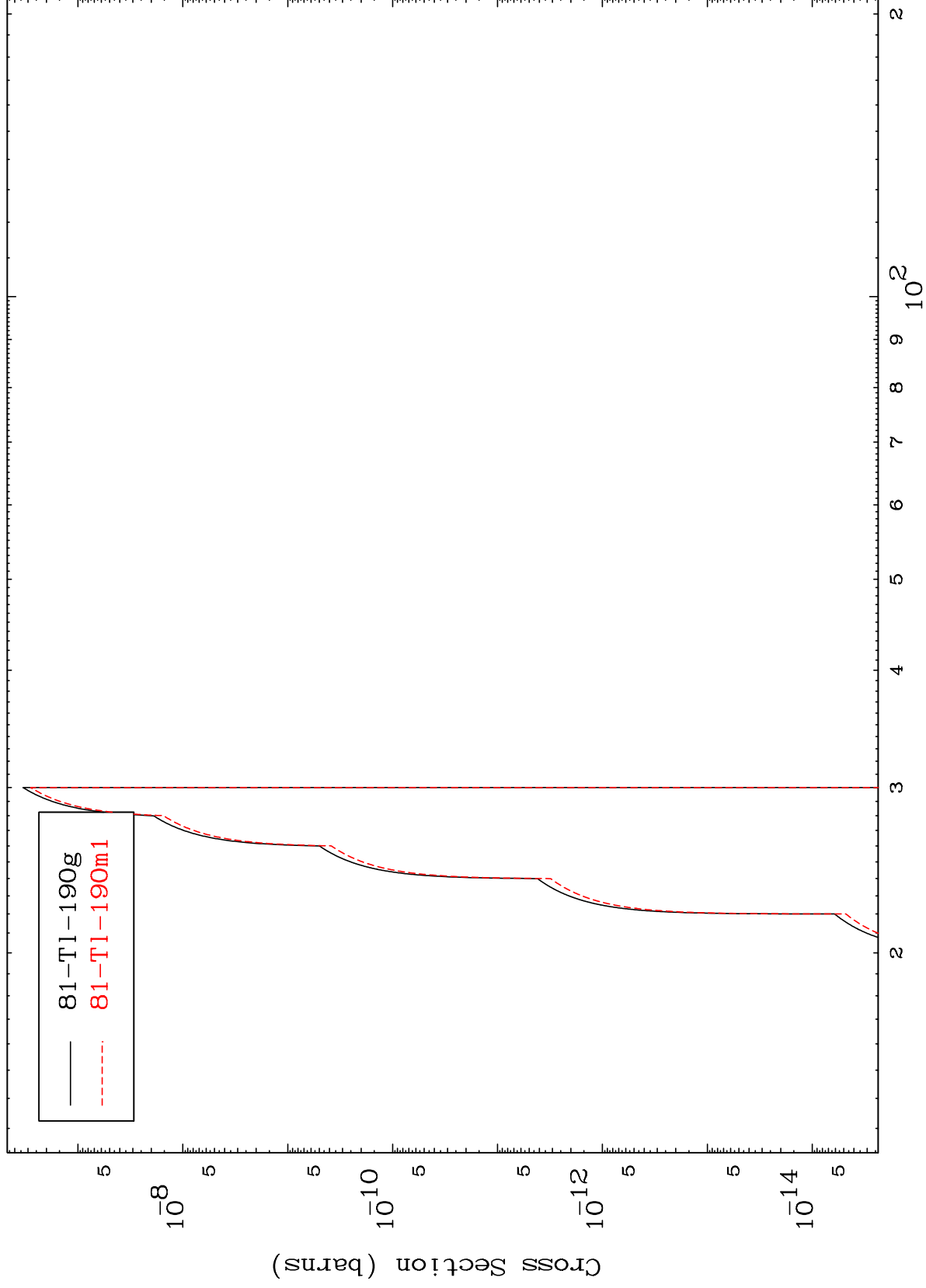


20

Incident Energy (MeV)

81-Tl-189m

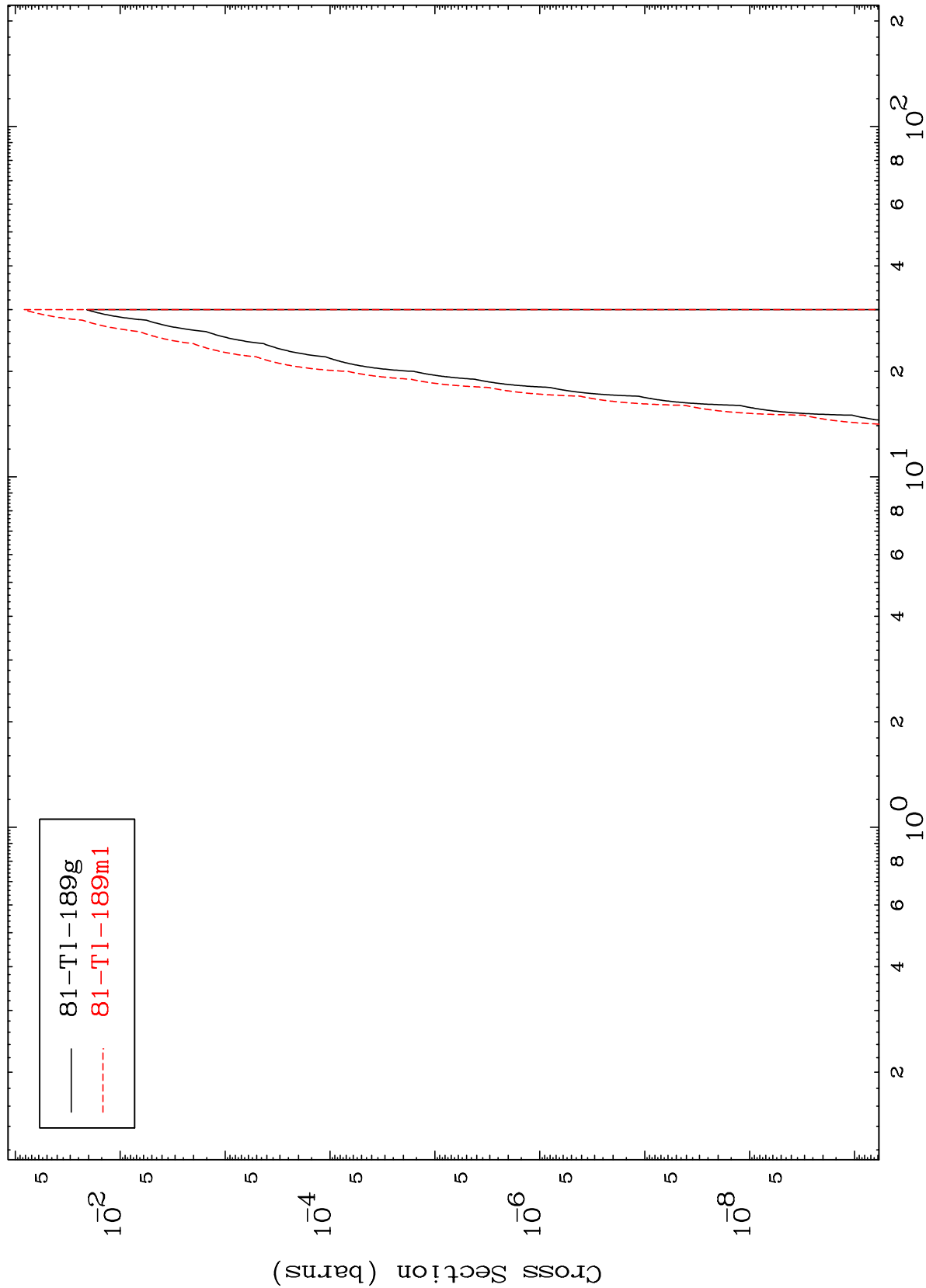
Radionuclide Production Cross Section



MAT 8084

81-Tl-189m

Radionuclide Production Cross Section



22

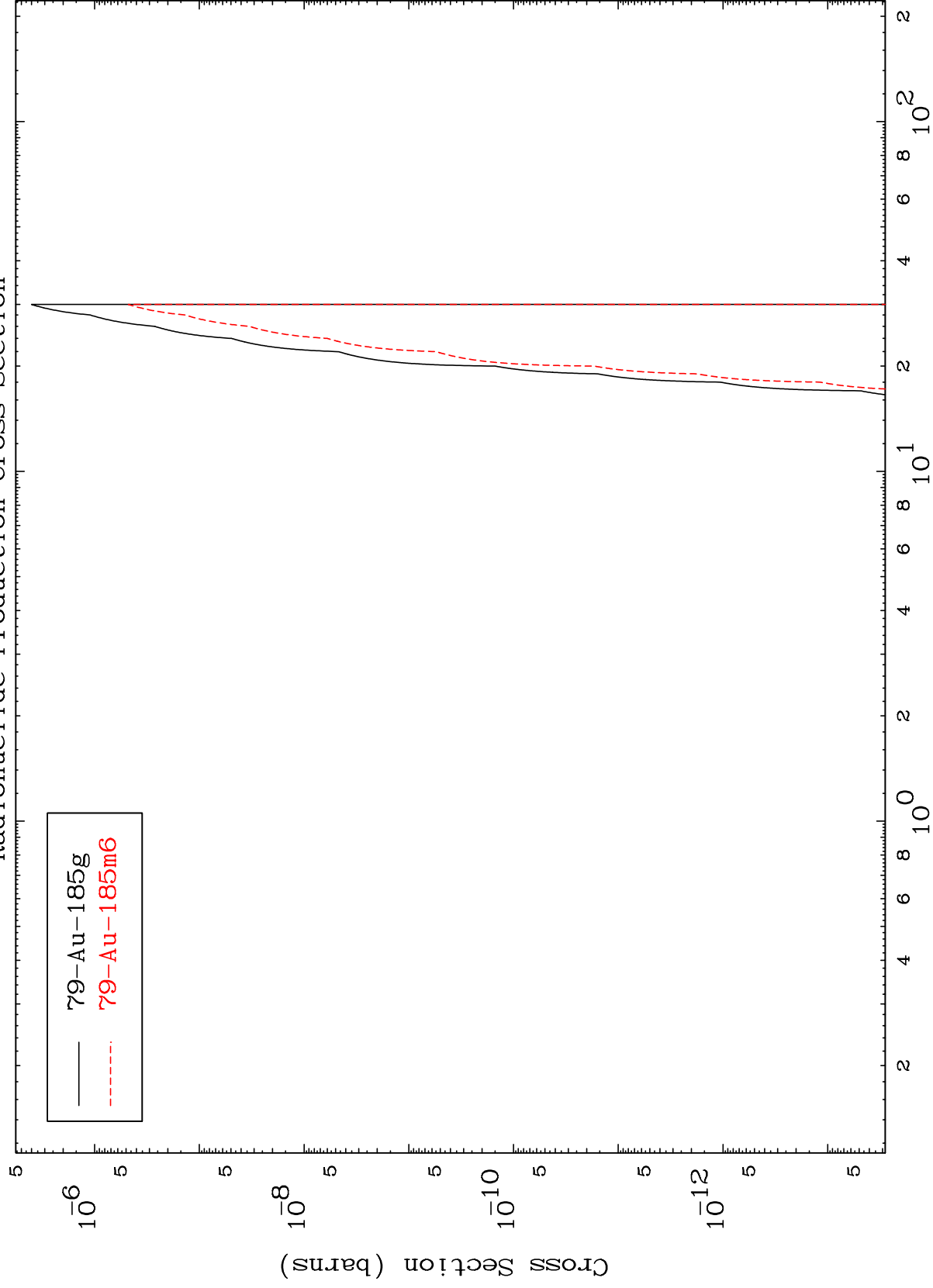
81-Tl-189m

MAT 8084

(n,2 α)

81-Tl-189m

Radionuclide Production Cross Section



23

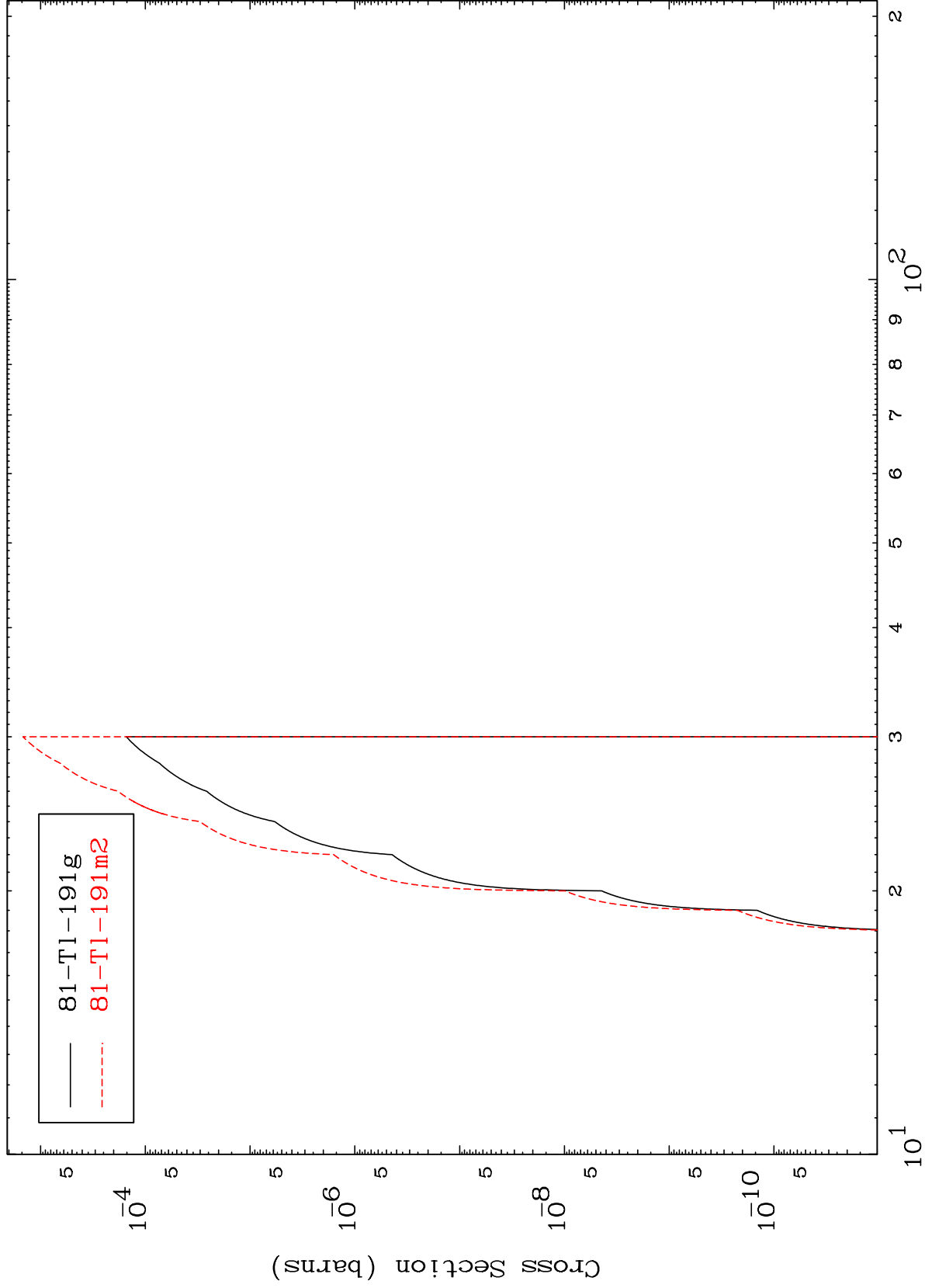
Incident Energy (MeV)

81-Tl-189m

MAT 8084

81-Tl-189m

(n,2p)
Radionuclide Production Cross Section



81-Tl-189m