

Program EVALPLOT
(Version 2018-1)

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

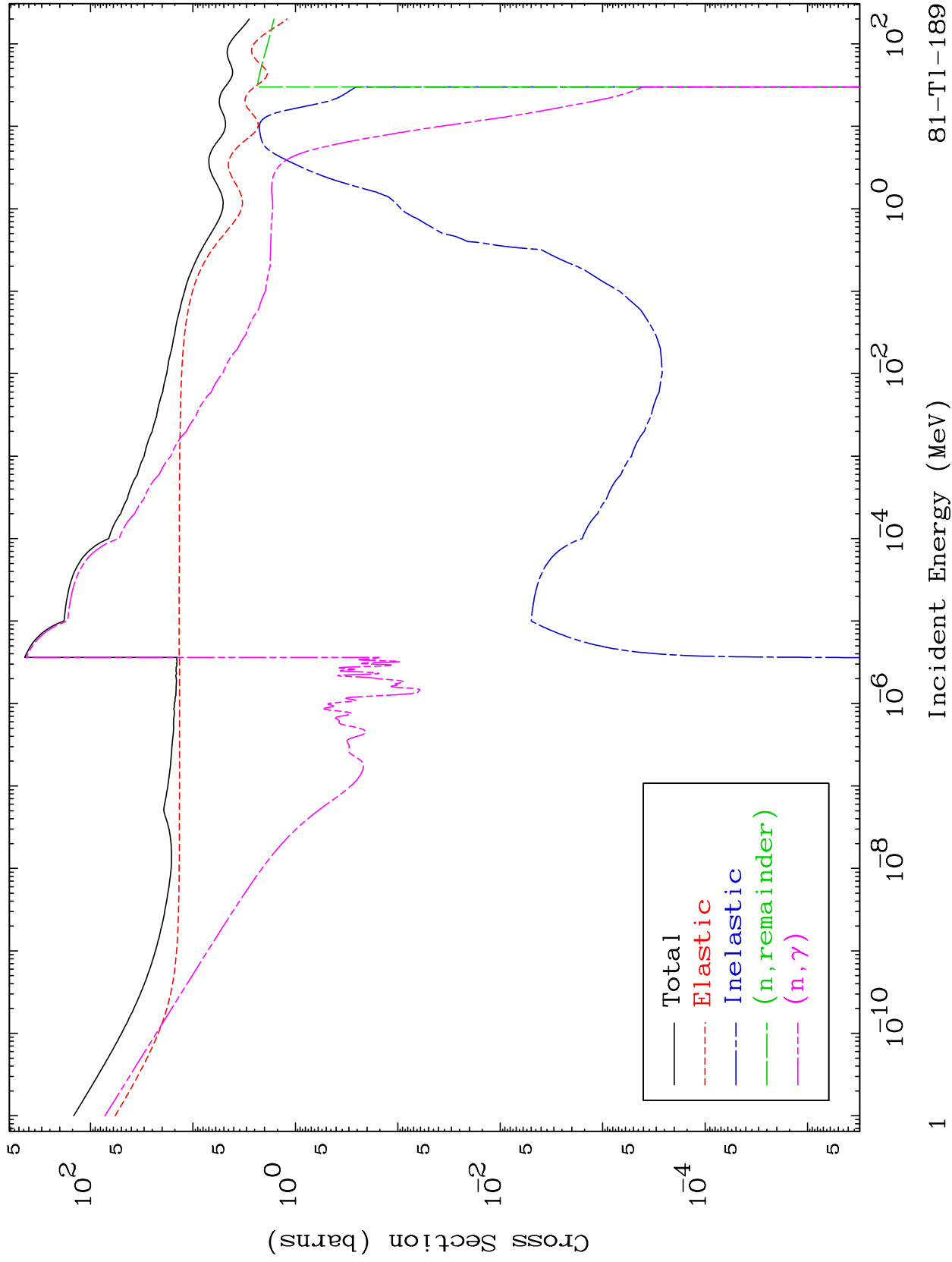
Press Mouse Button to Start

MAT 8084

Major

293 Kelvin Cross Sections

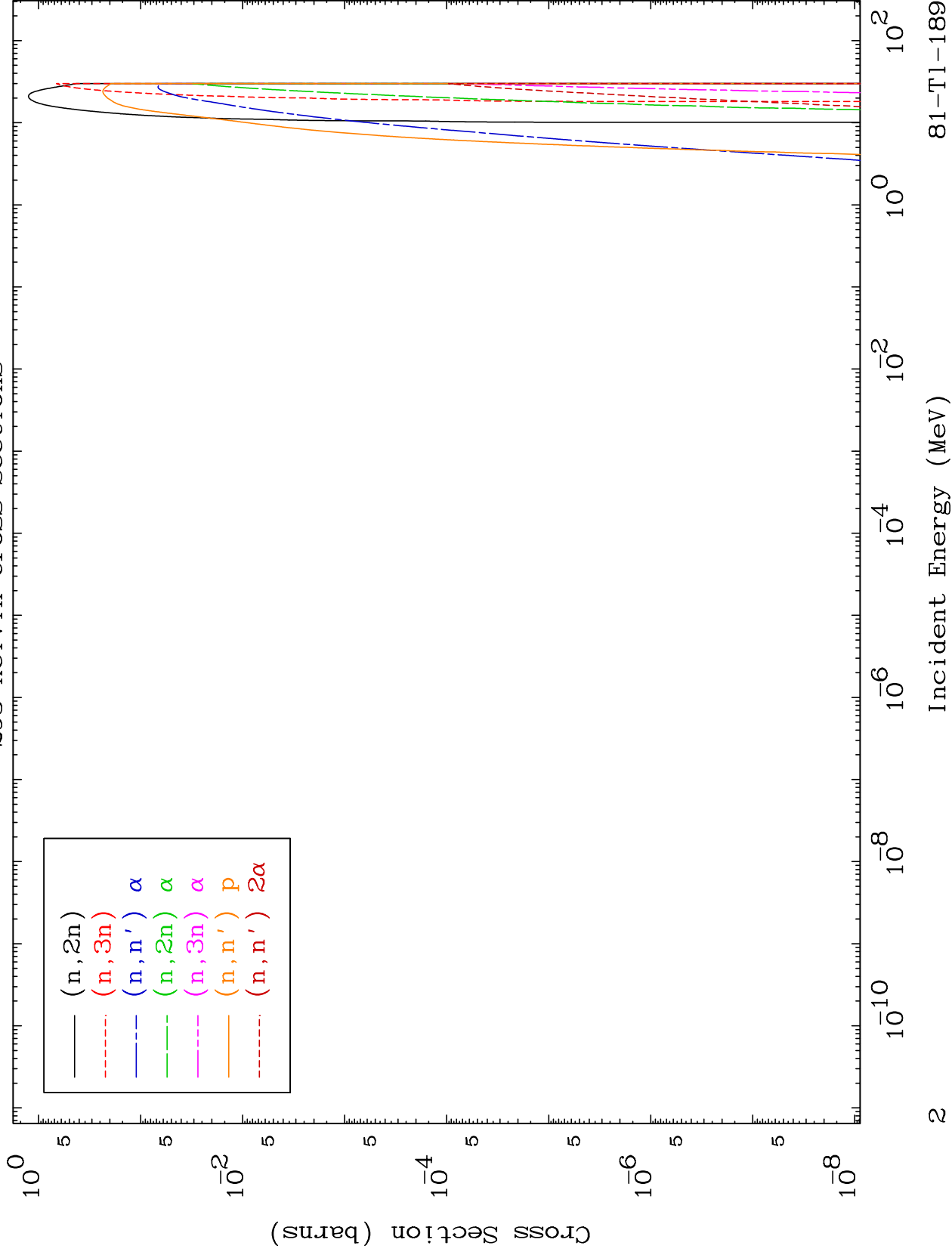
81-Tl-189



MAT 8084

Neutron Production
293 Kelvin Cross Sections

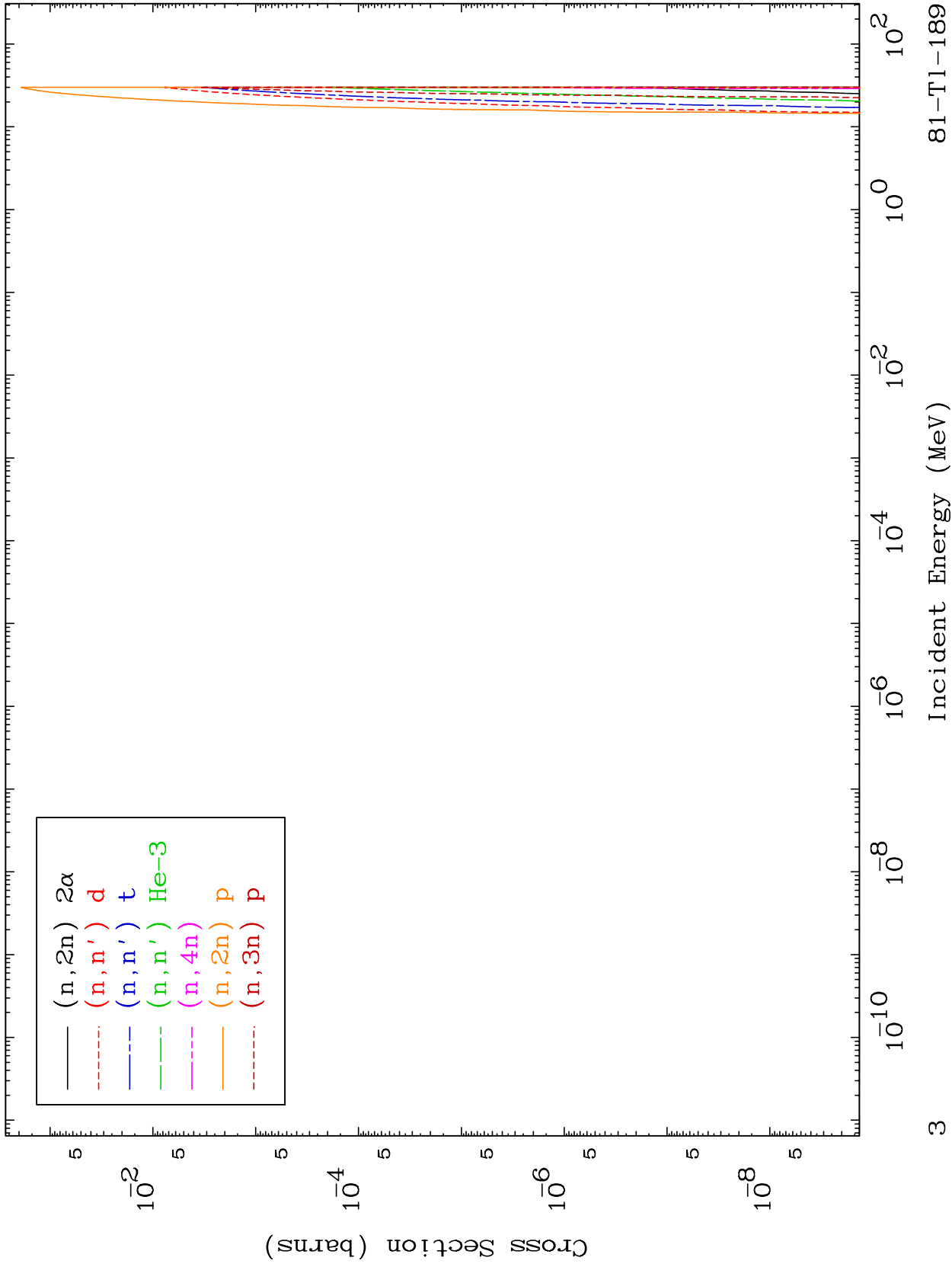
81-Tl-189



MAT 8084

Neutron Production
293 Kelvin Cross Sections

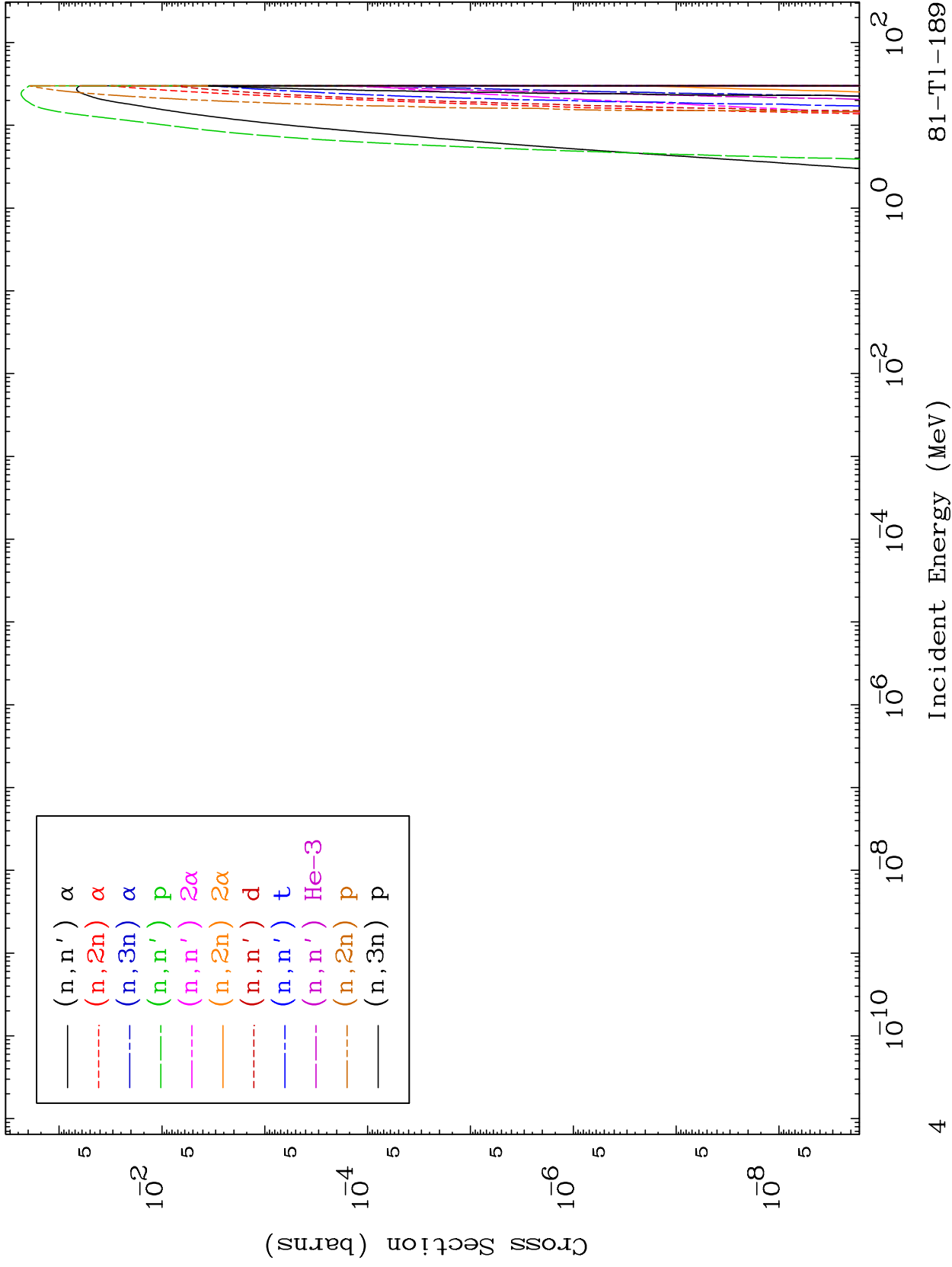
81-Tl-189



MAT 8084

Charged Particle
293 Kelvin Cross Sections

81-Tl-189

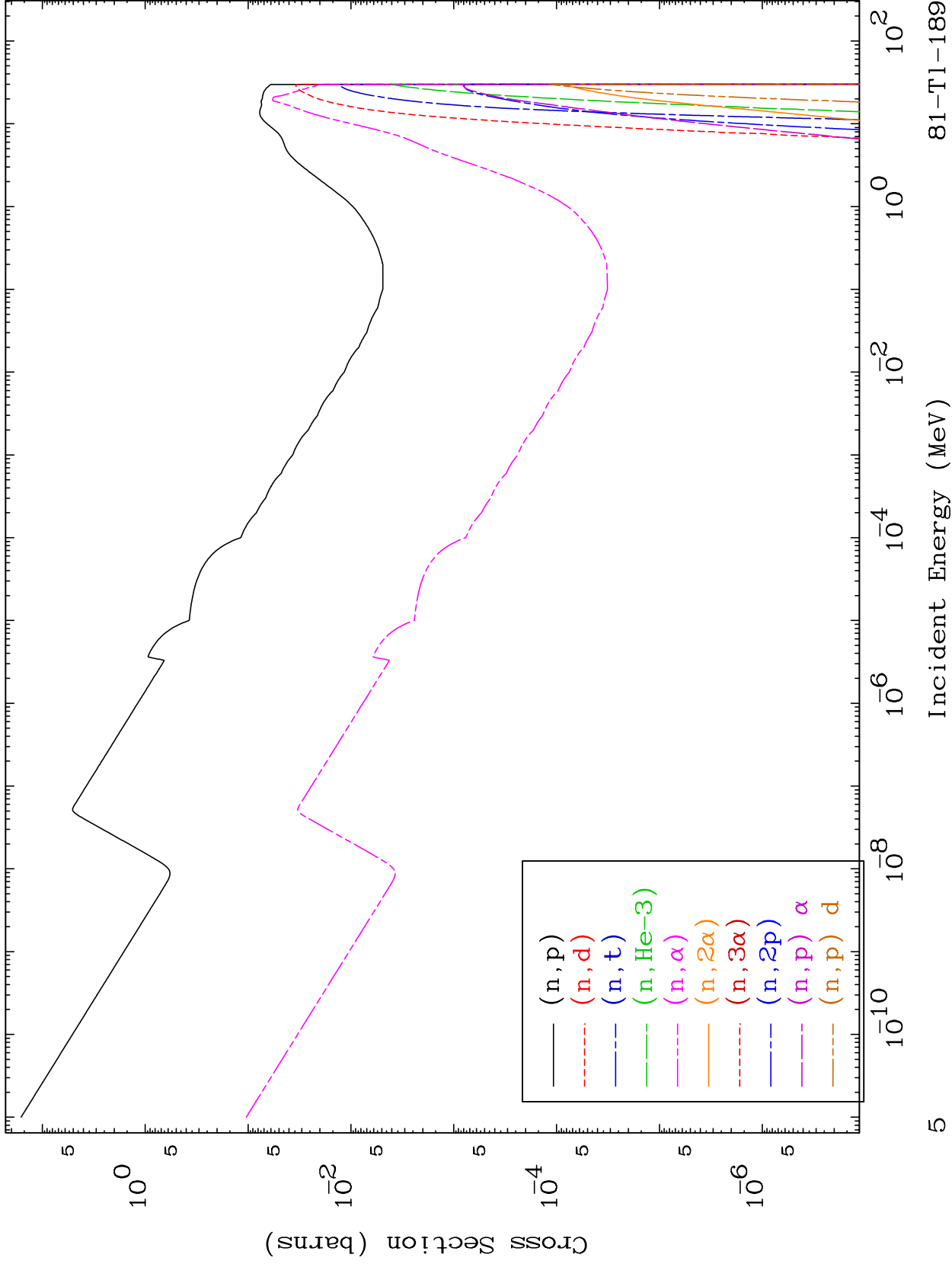


81-Tl-189

MAT 8084

Charged Particle
293 Kelvin Cross Sections

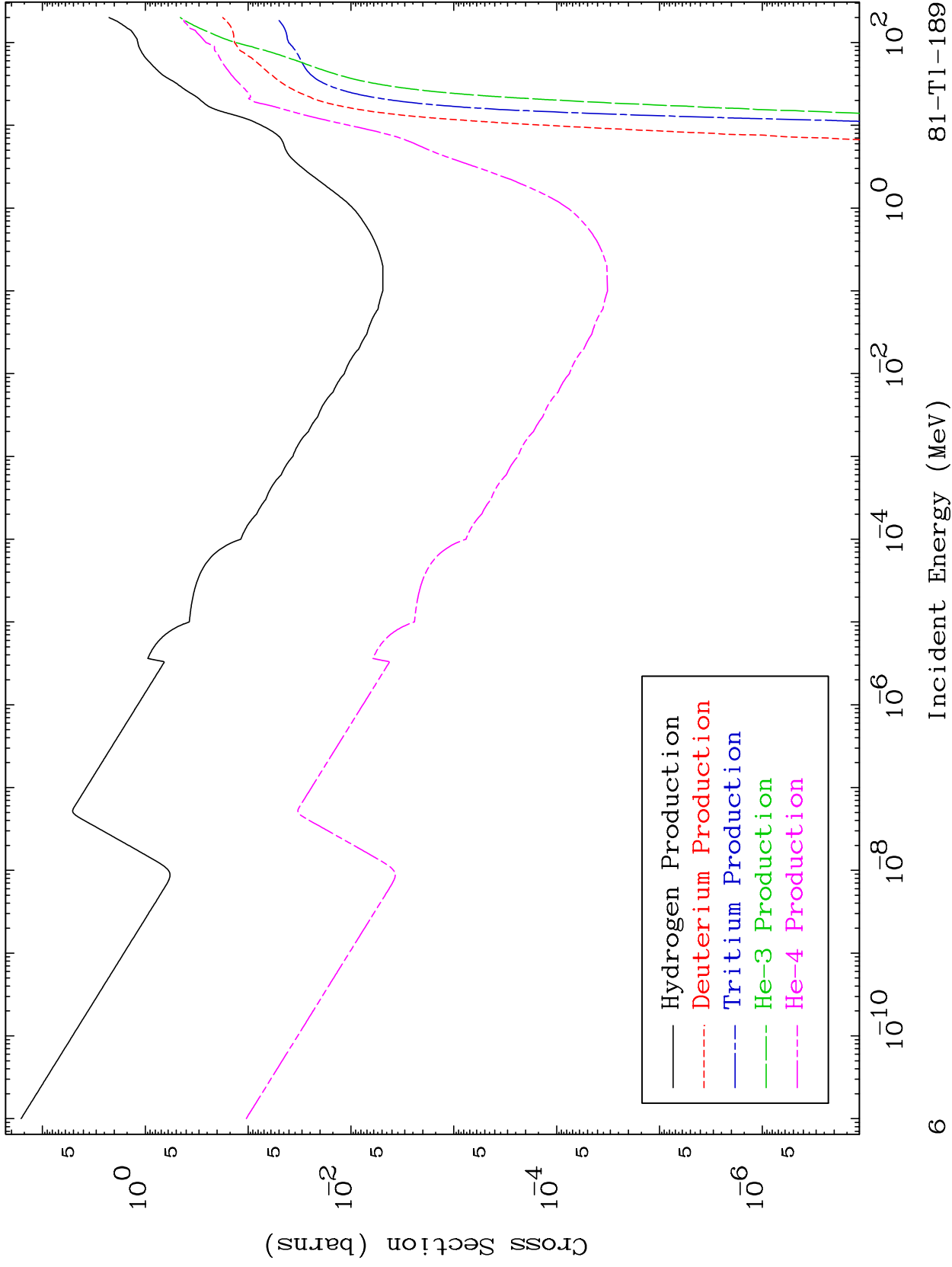
81-Tl-189



MAT 8084

Particle Production
293 Kelvin Cross Sections

81-Tl-189

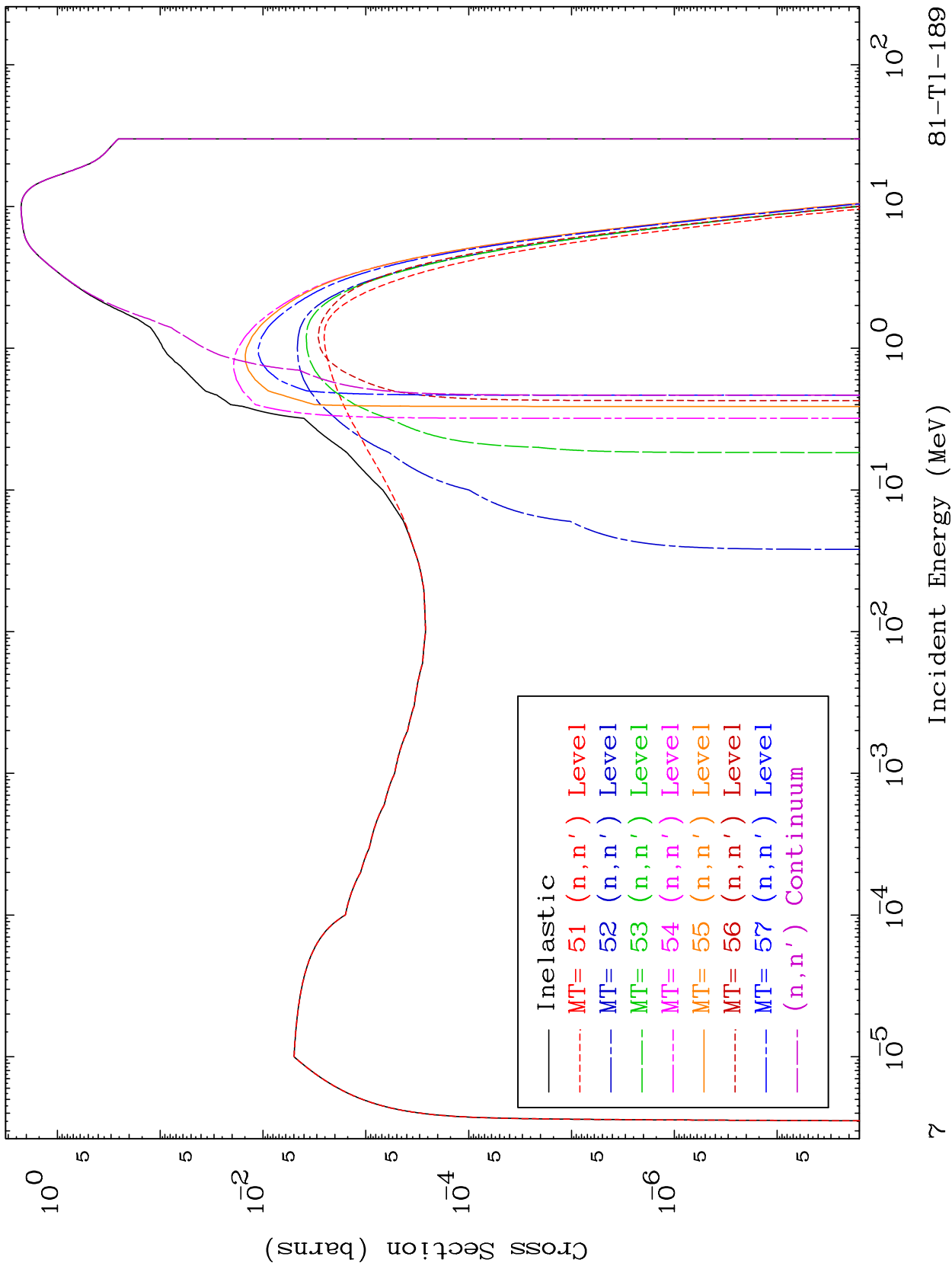


MAT 8084

(n,n') Level

81-Tl-189

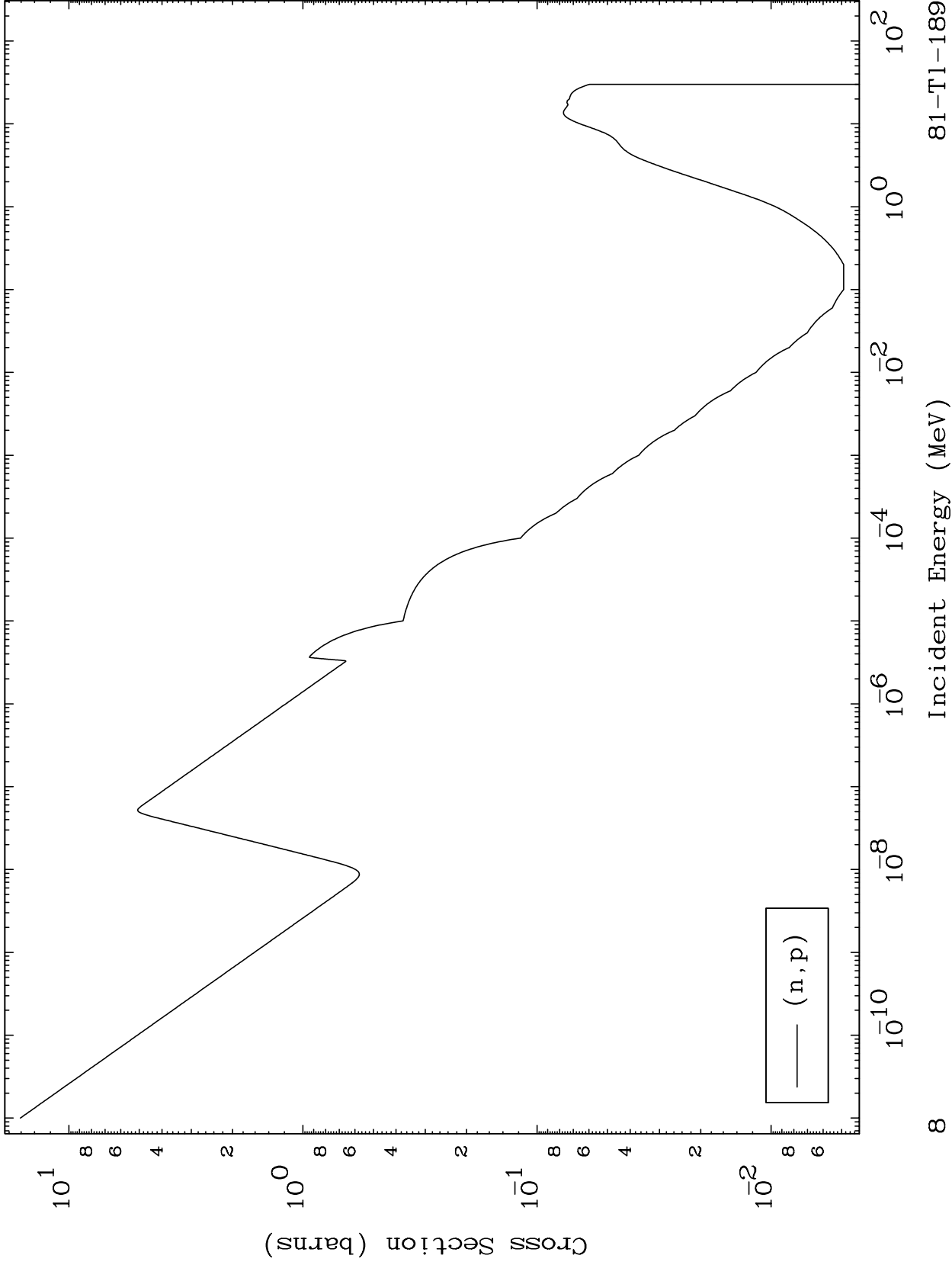
293 Kelvin Cross Sections



MAT 8084

(n,p) Levels
293 Kelvin Cross Sections

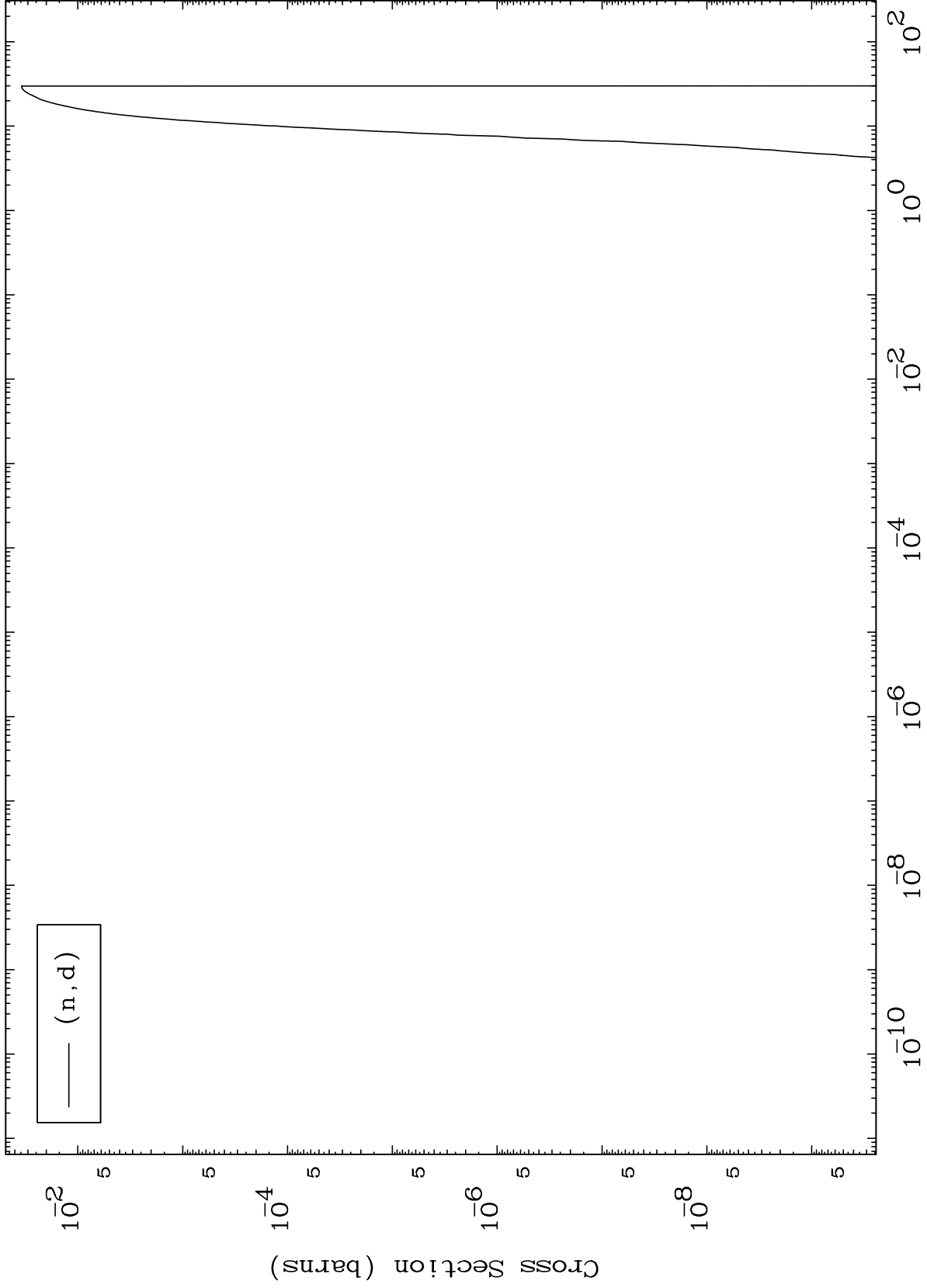
81-Tl-189



MAT 8084

(n,d) Levels
293 Kelvin Cross Sections

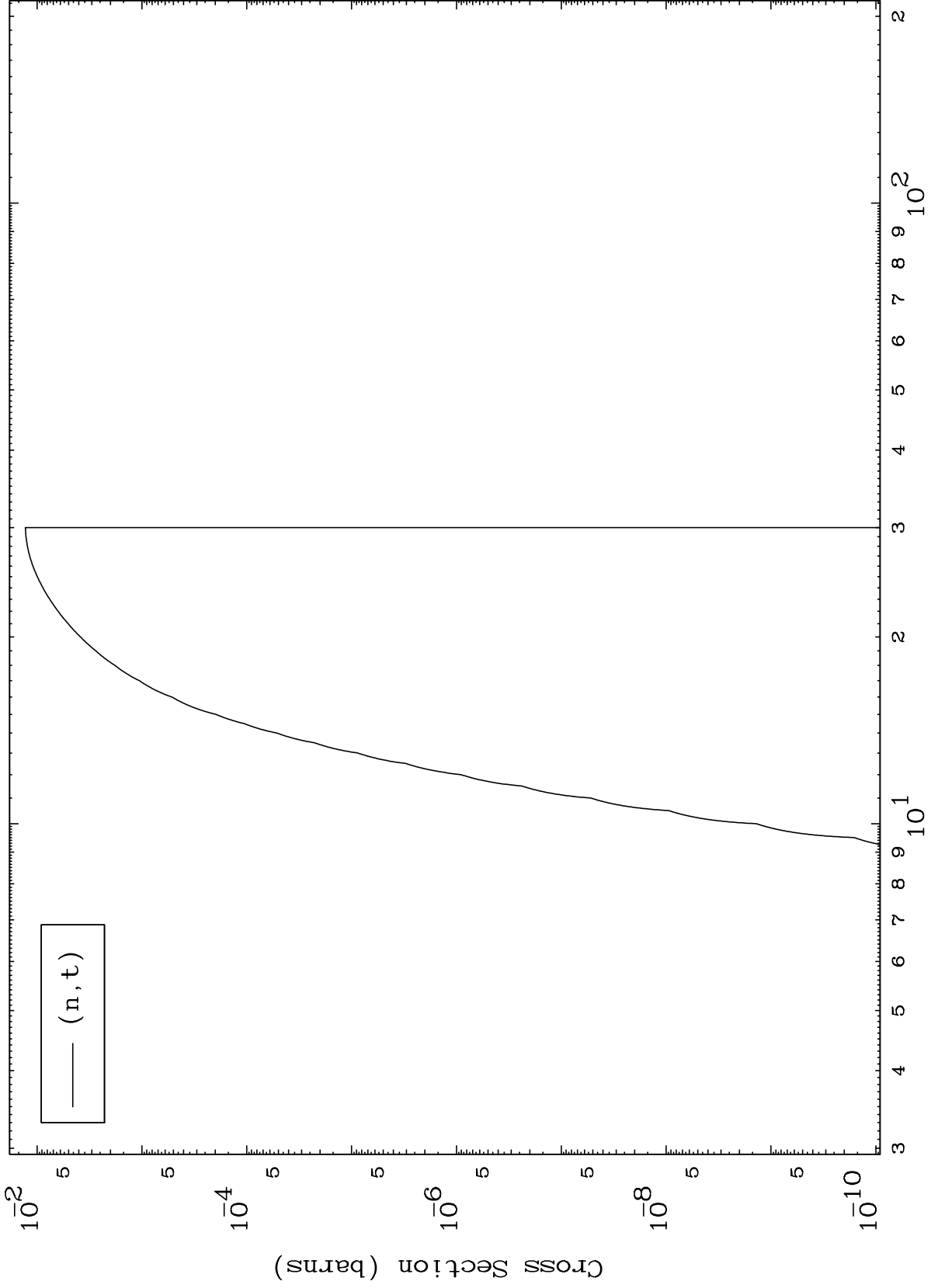
81-Tl-189



MAT 8084

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-189



10

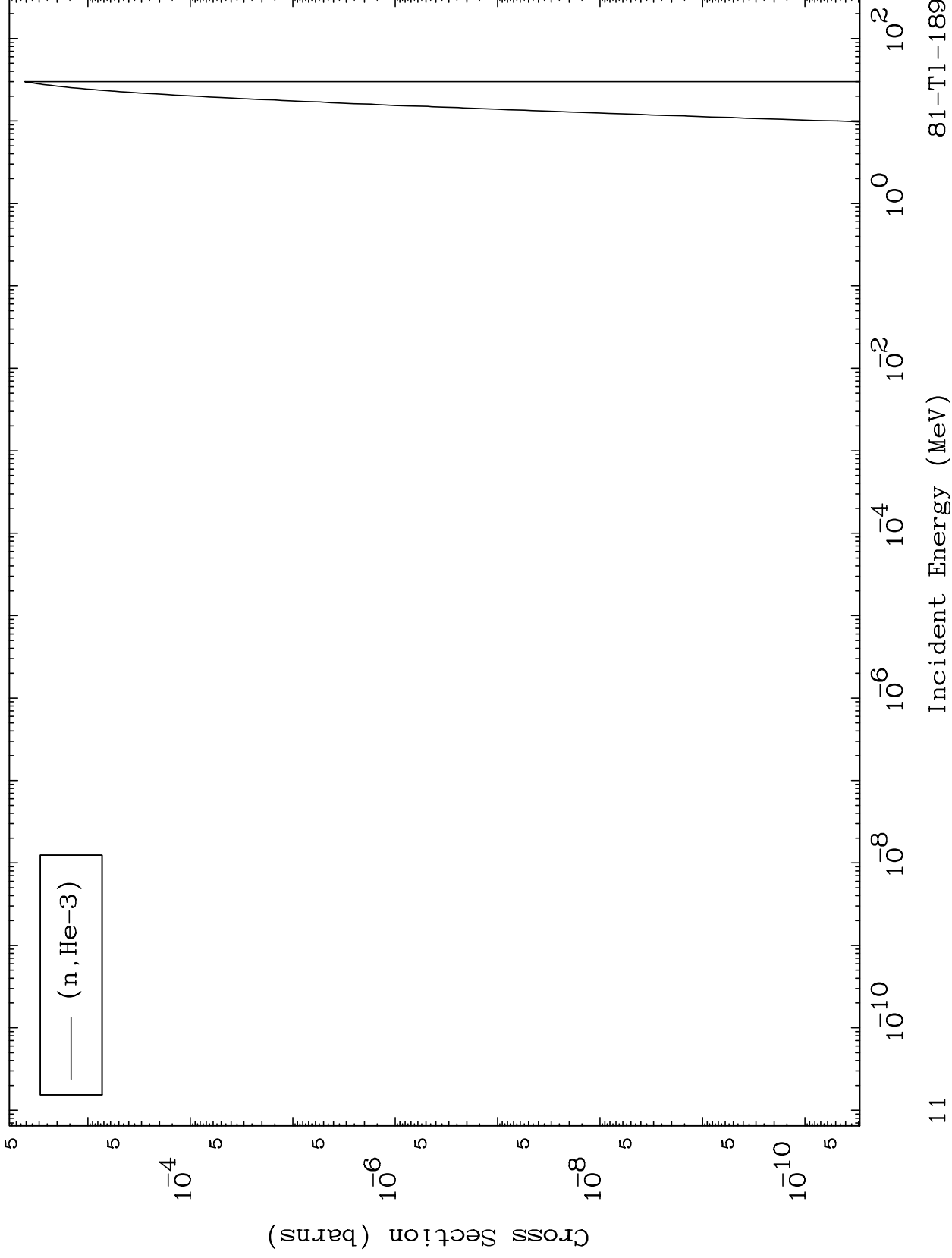
Incident Energy (MeV)

81-Tl-189

MAT 8084

(n,He3) Levels
293 Kelvin Cross Sections

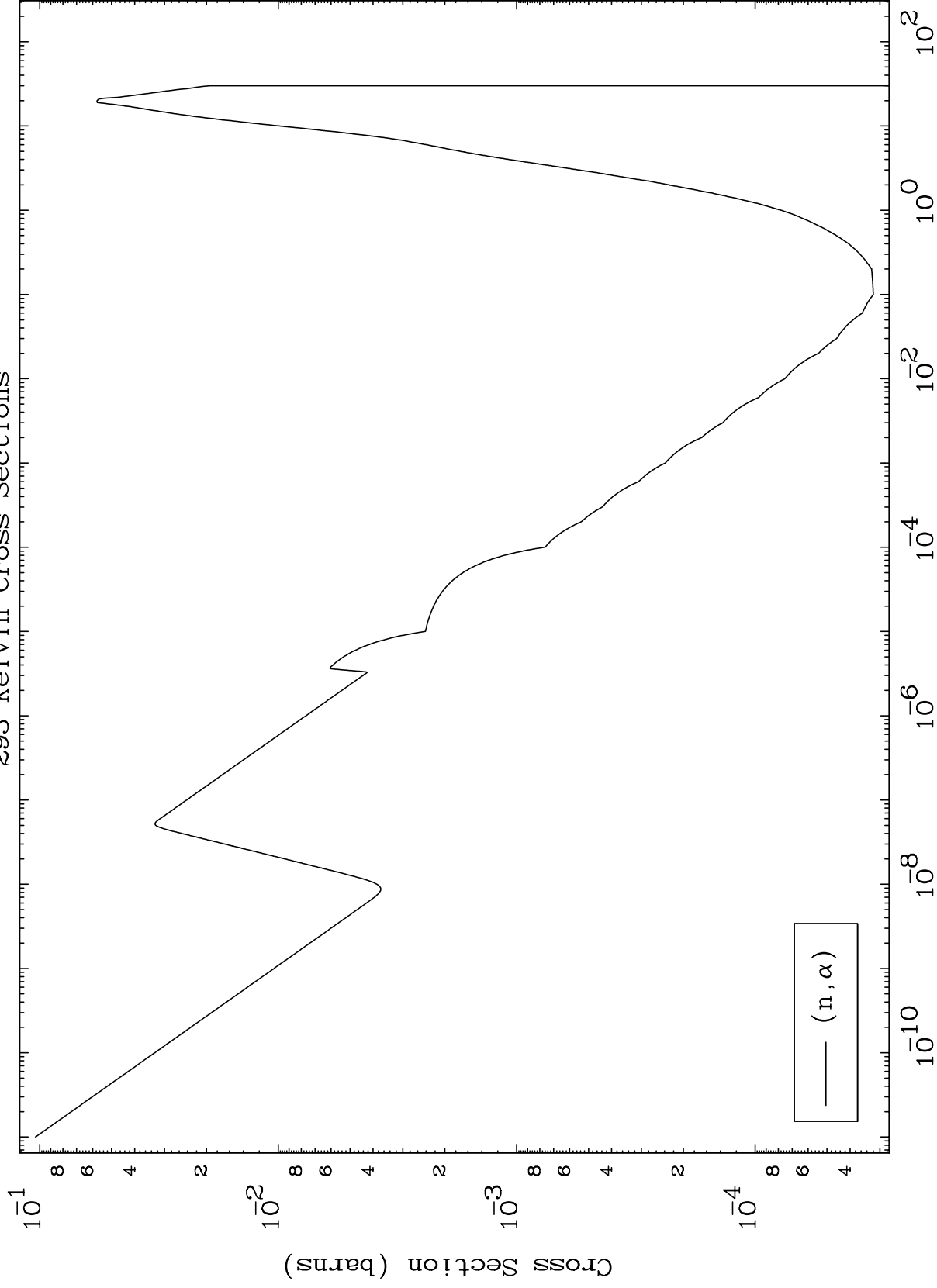
81-Tl-189



MAT 8084

(n, α) Levels
293 Kelvin Cross Sections

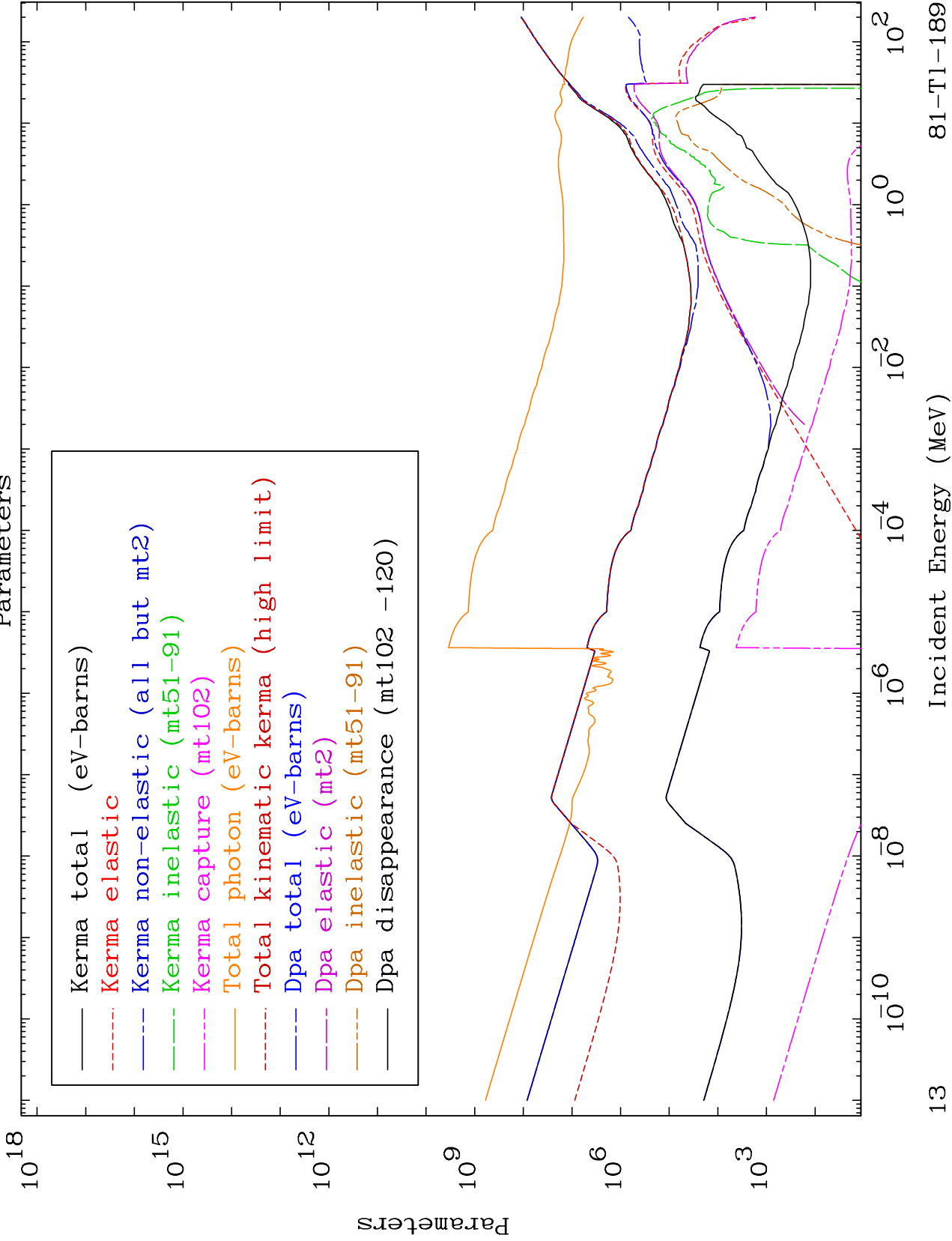
81-Tl-189



12

Incident Energy (MeV)

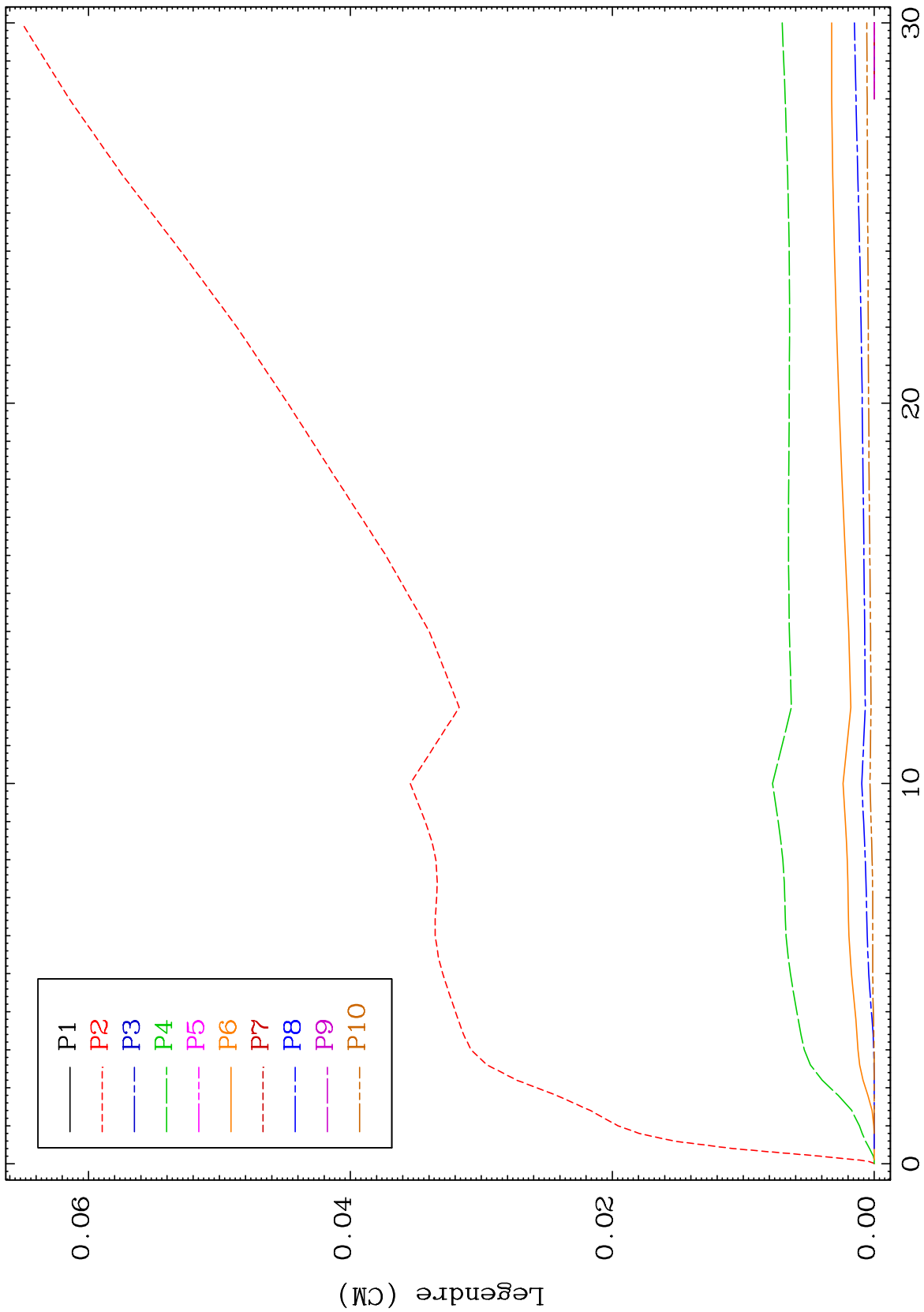
81-Tl-189



MAT 8084

Elastic Legendre Coefficients

81-T1-189



14

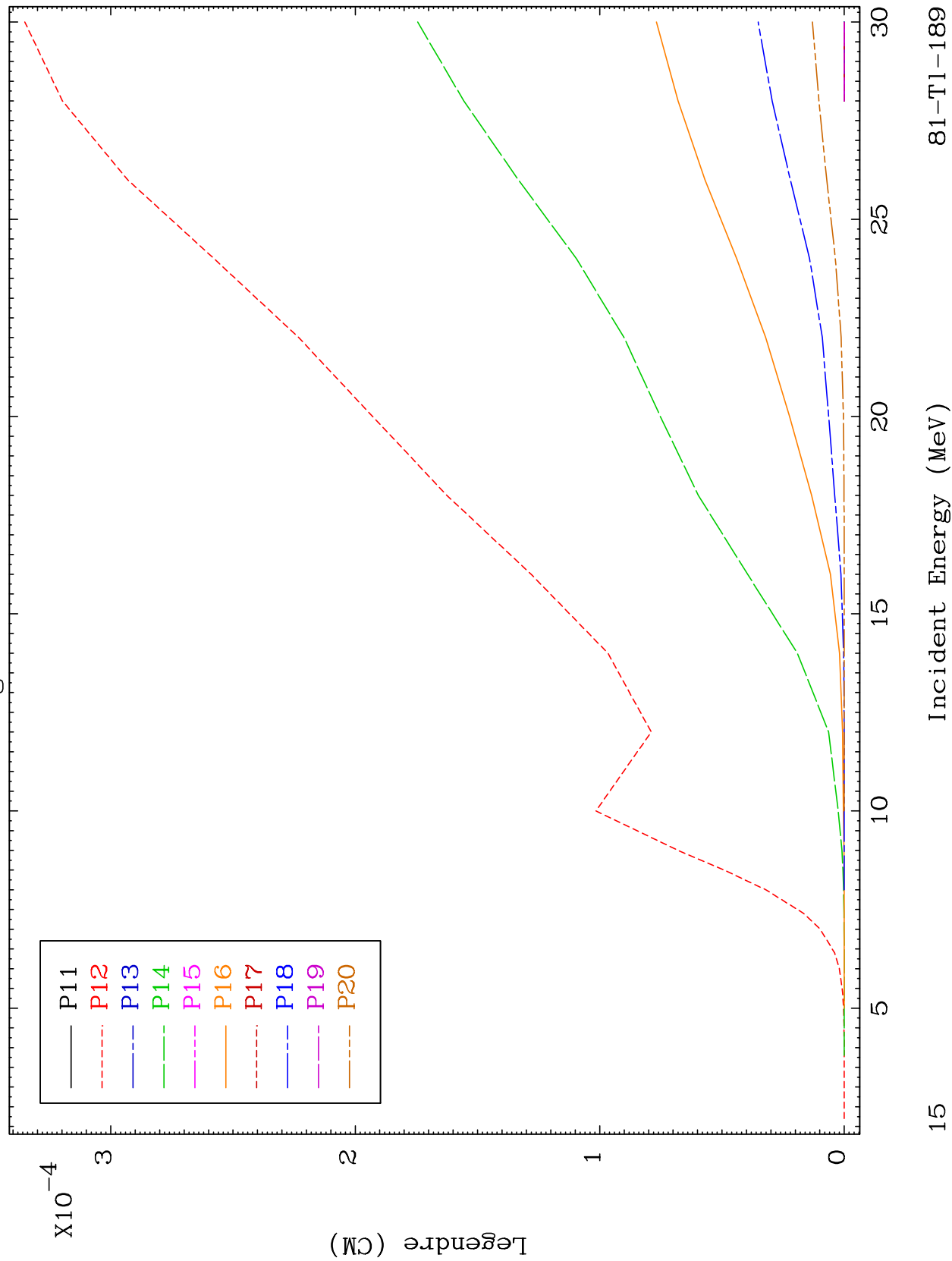
Incident Energy (MeV)

81-T1-189

MAT 8084

Elastic Legendre Coefficients

81-Tl-189



15

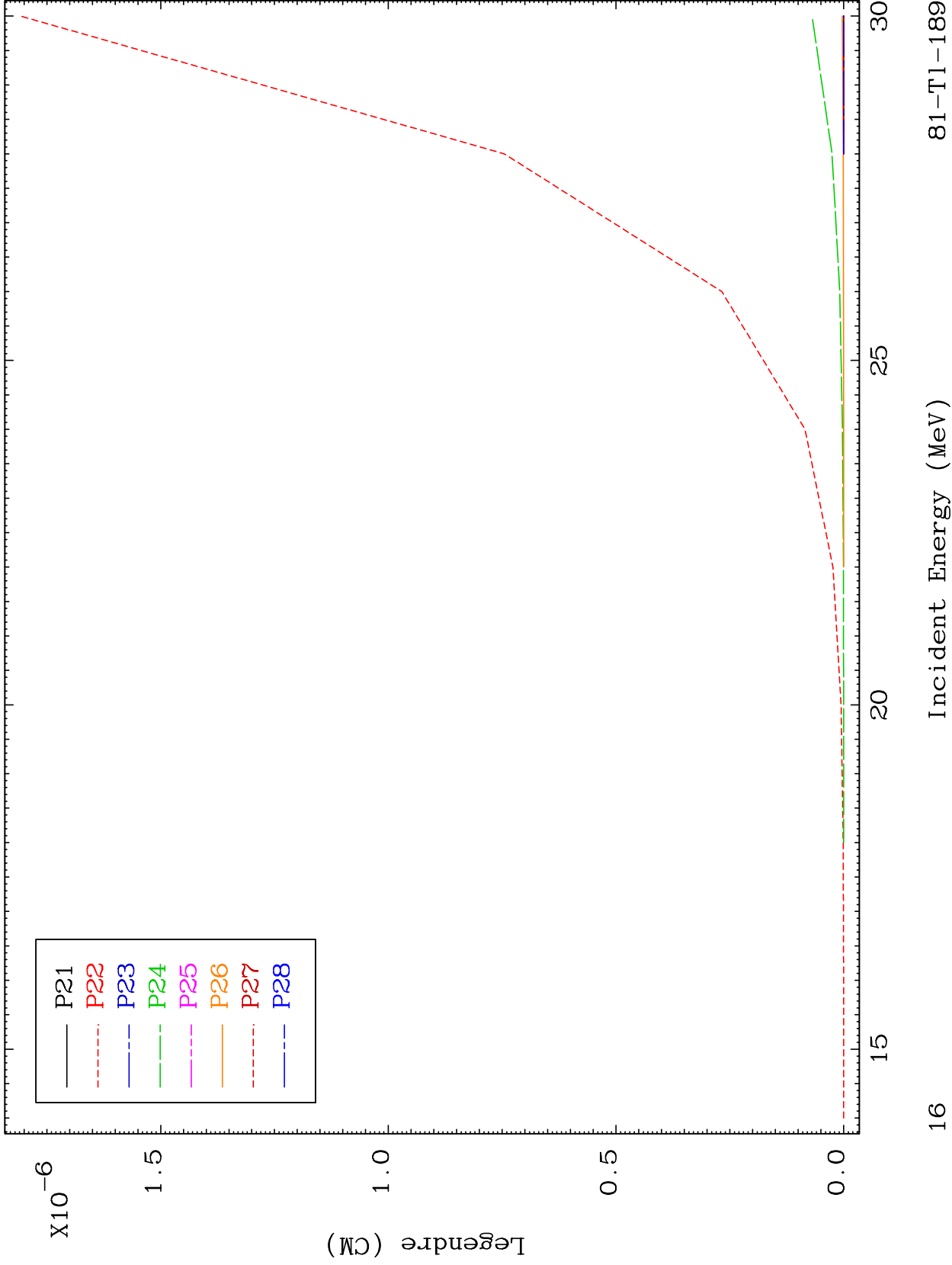
Incident Energy (MeV)

81-Tl-189

MAT 8084

Elastic
Legendre Coefficients

81-T1-189



16

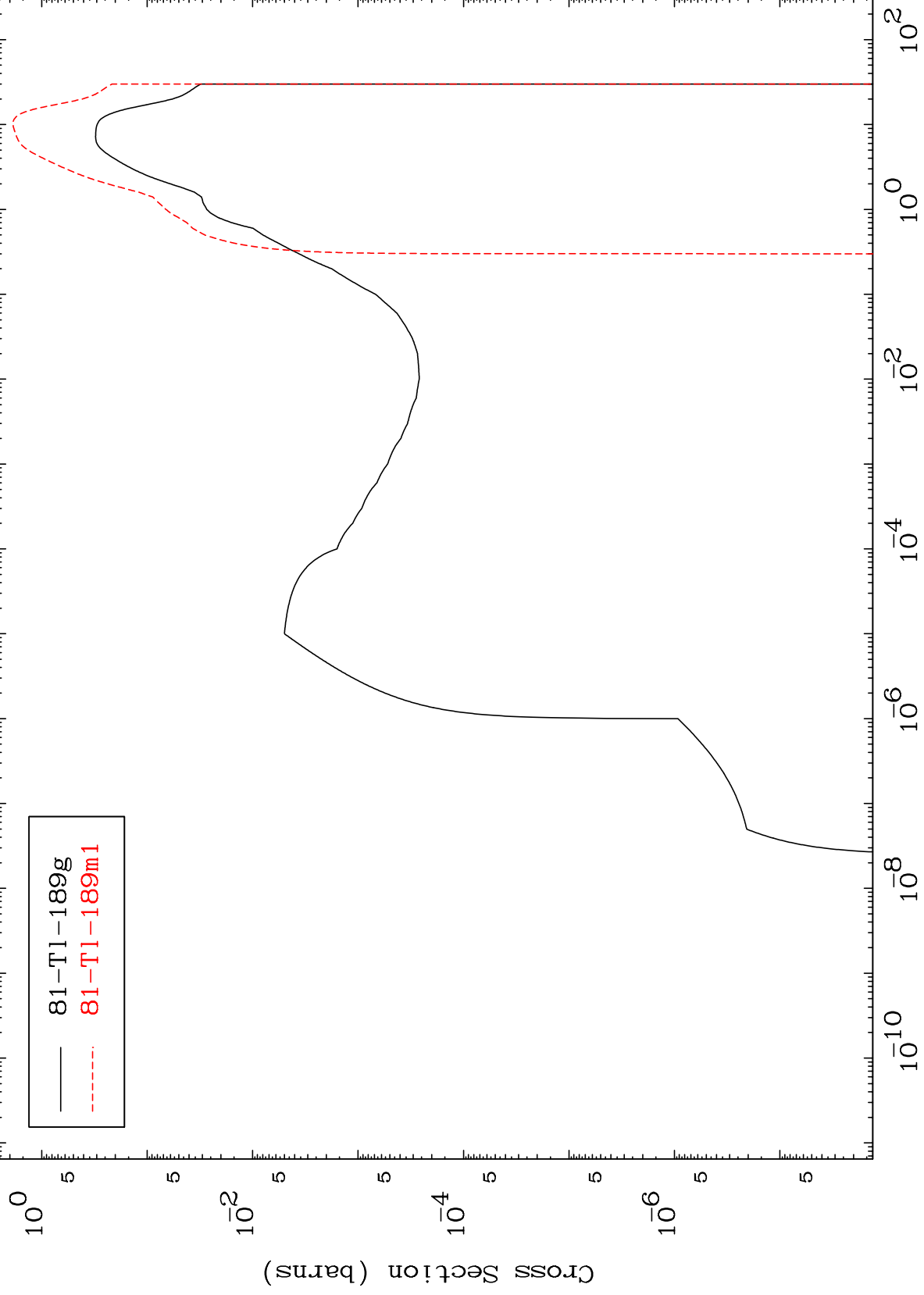
Incident Energy (MeV)

81-T1-189

MAT 8084

Inelastic
Radionuclide Production Cross Section

81-Tl-189

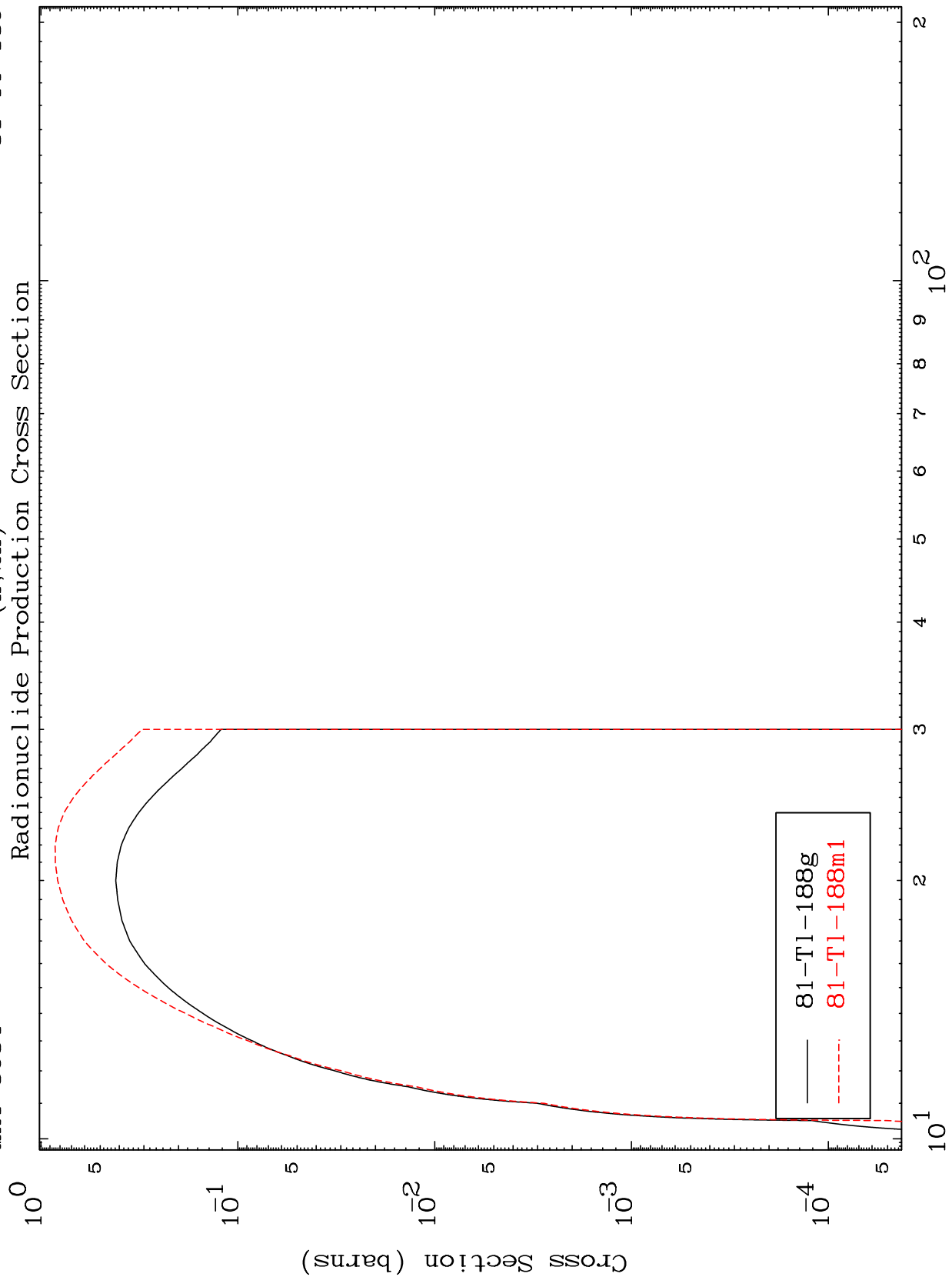


81-Tl-189

MAT 8084

81-Tl-189

(n,2n)
Radionuclide Production Cross Section

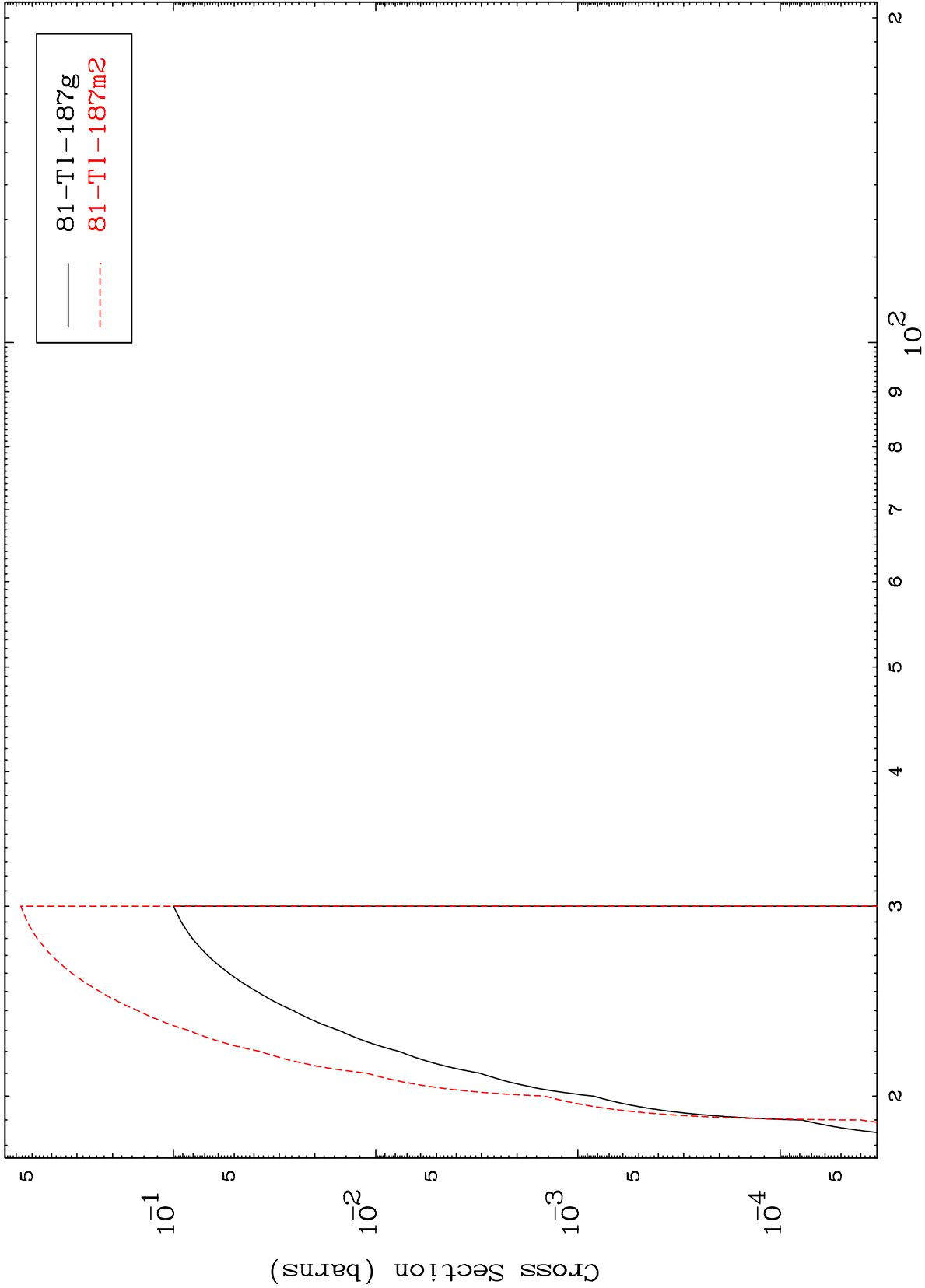


81-Tl-189

Incident Energy (MeV)

18

Radionuclide Production Cross Section

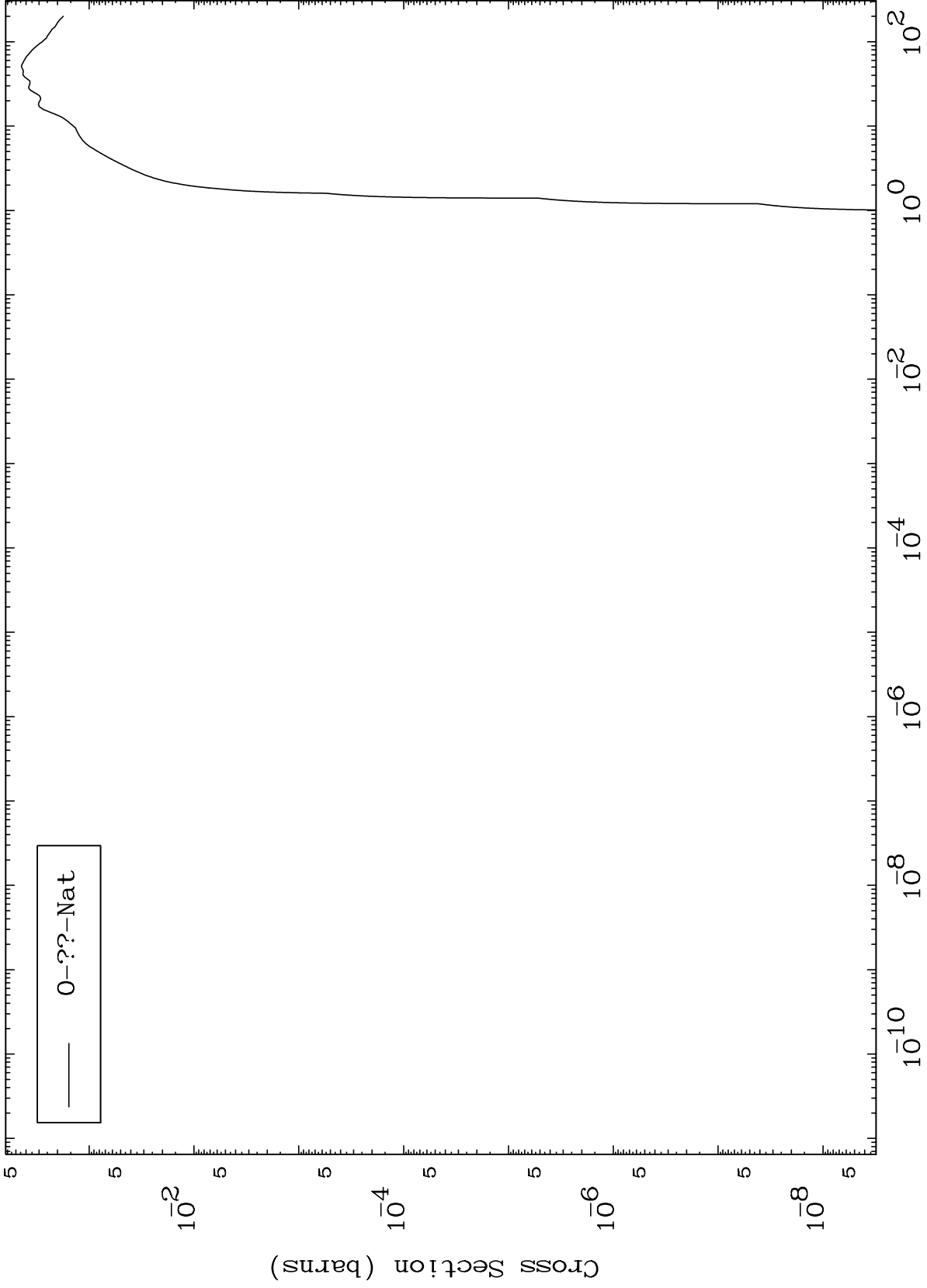


MAT 8084

Fission

81-Tl-189

Radionuclide Production Cross Section

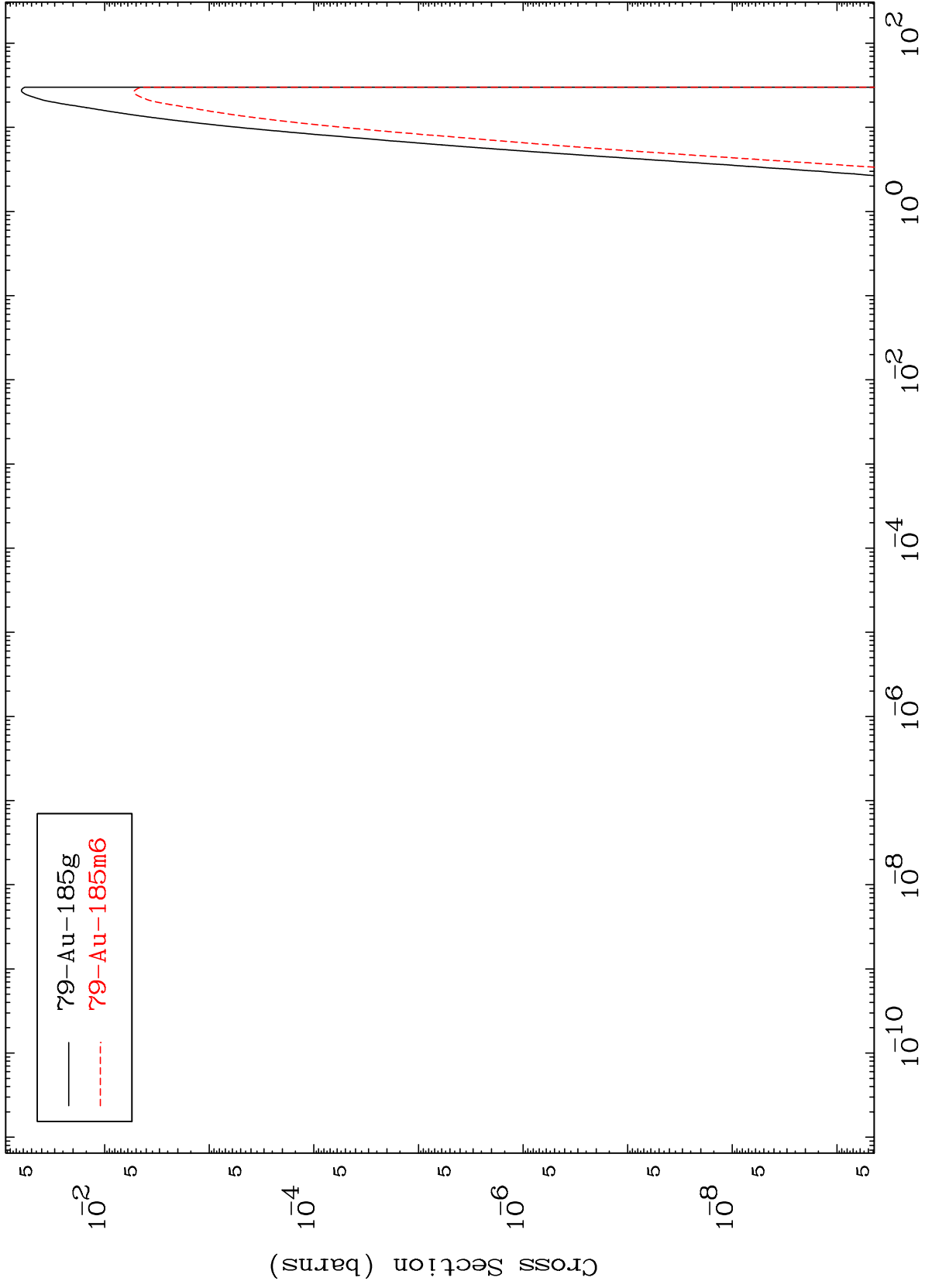


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$(n, n') \alpha$

81-Tl-189

Radionuclide Production Cross Section



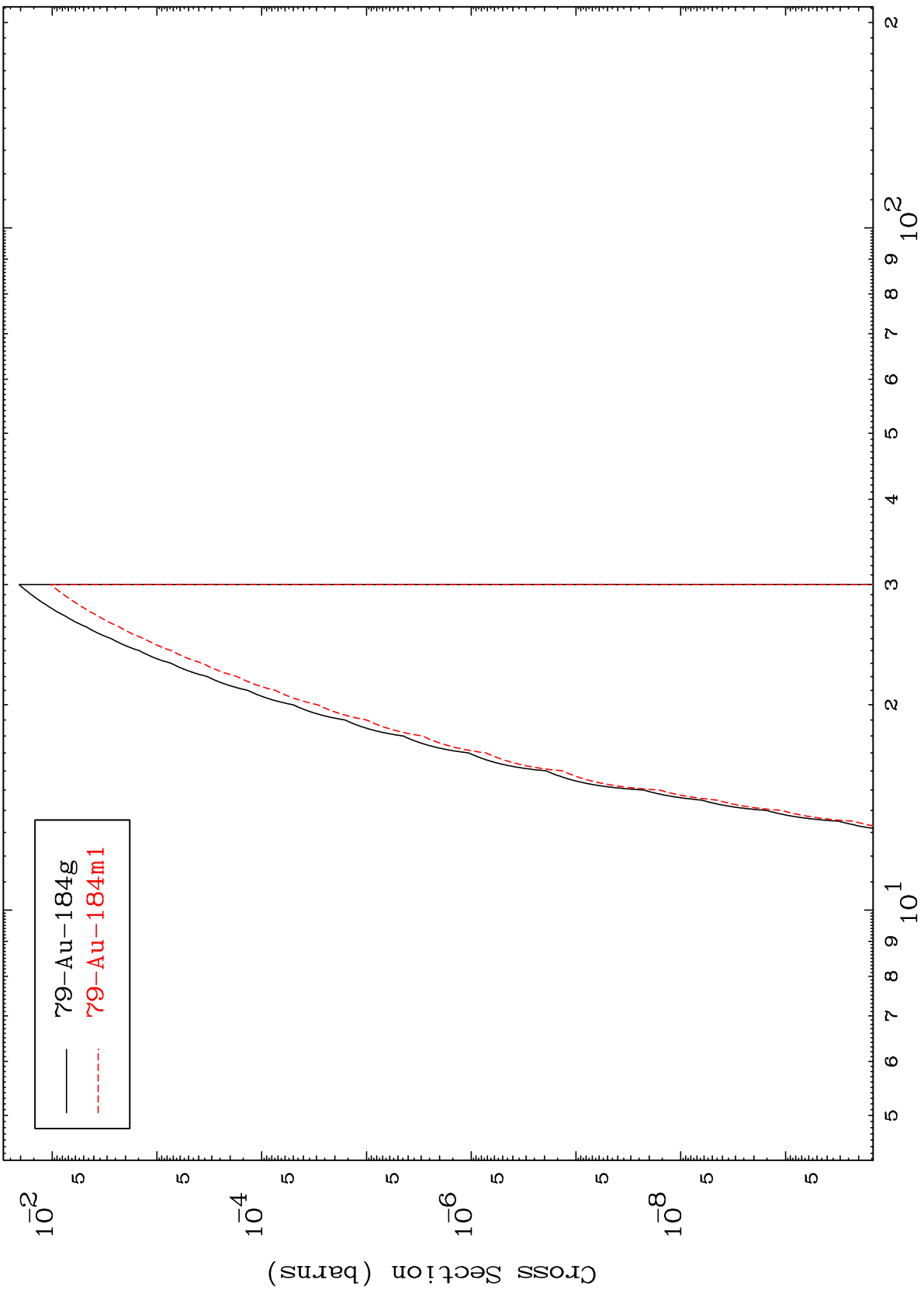
— $^{79}\text{Au-185g}$
- - - $^{79}\text{Au-185m6}$

MAT 8084

(n,2n) α

81-Tl-189

Radionuclide Production Cross Section



22

Incident Energy (MeV)

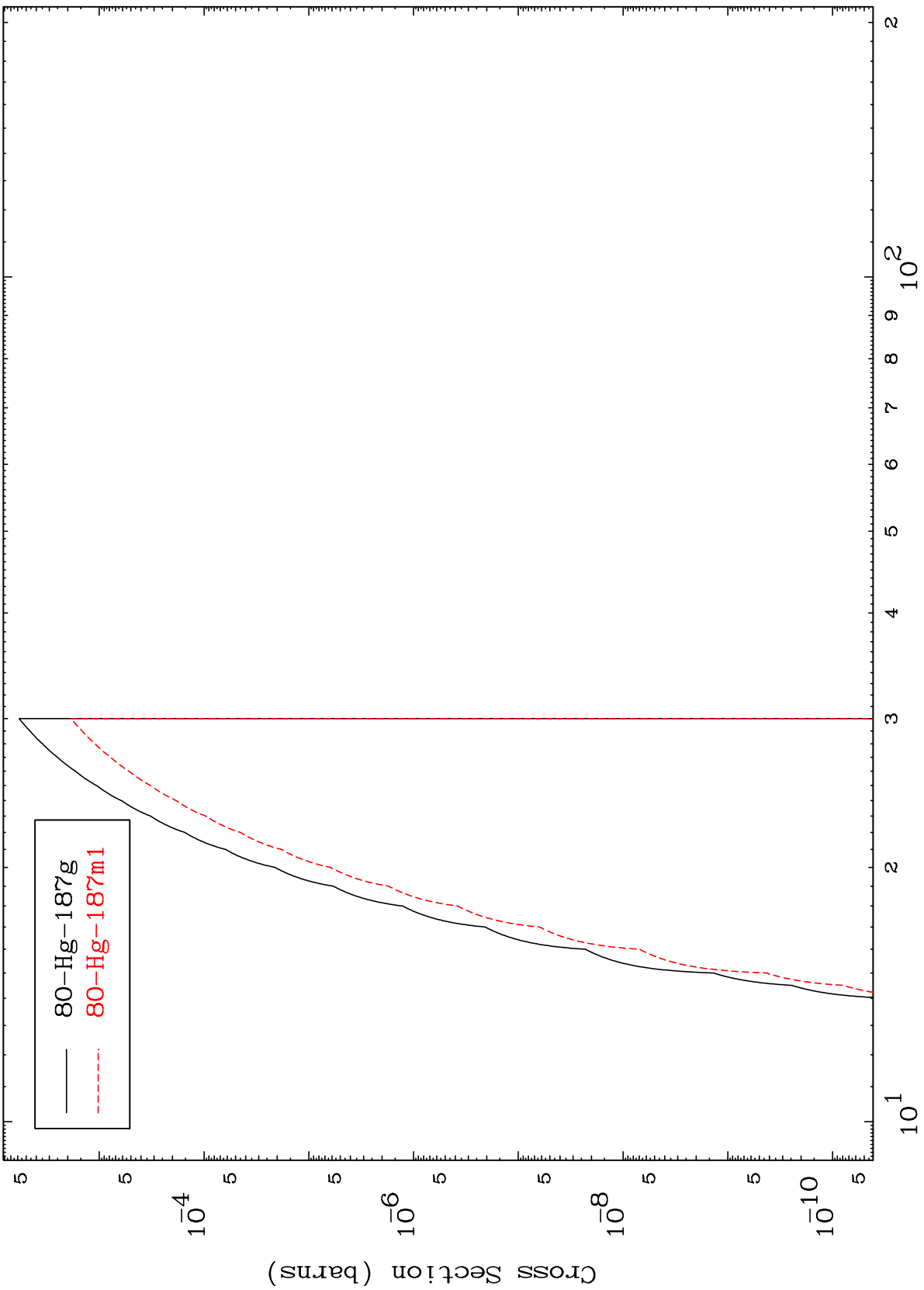
81-Tl-189

MAT 8084

(n,n') d

81-Tl-189

Radionuclide Production Cross Section



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

23

Incident Energy (MeV)

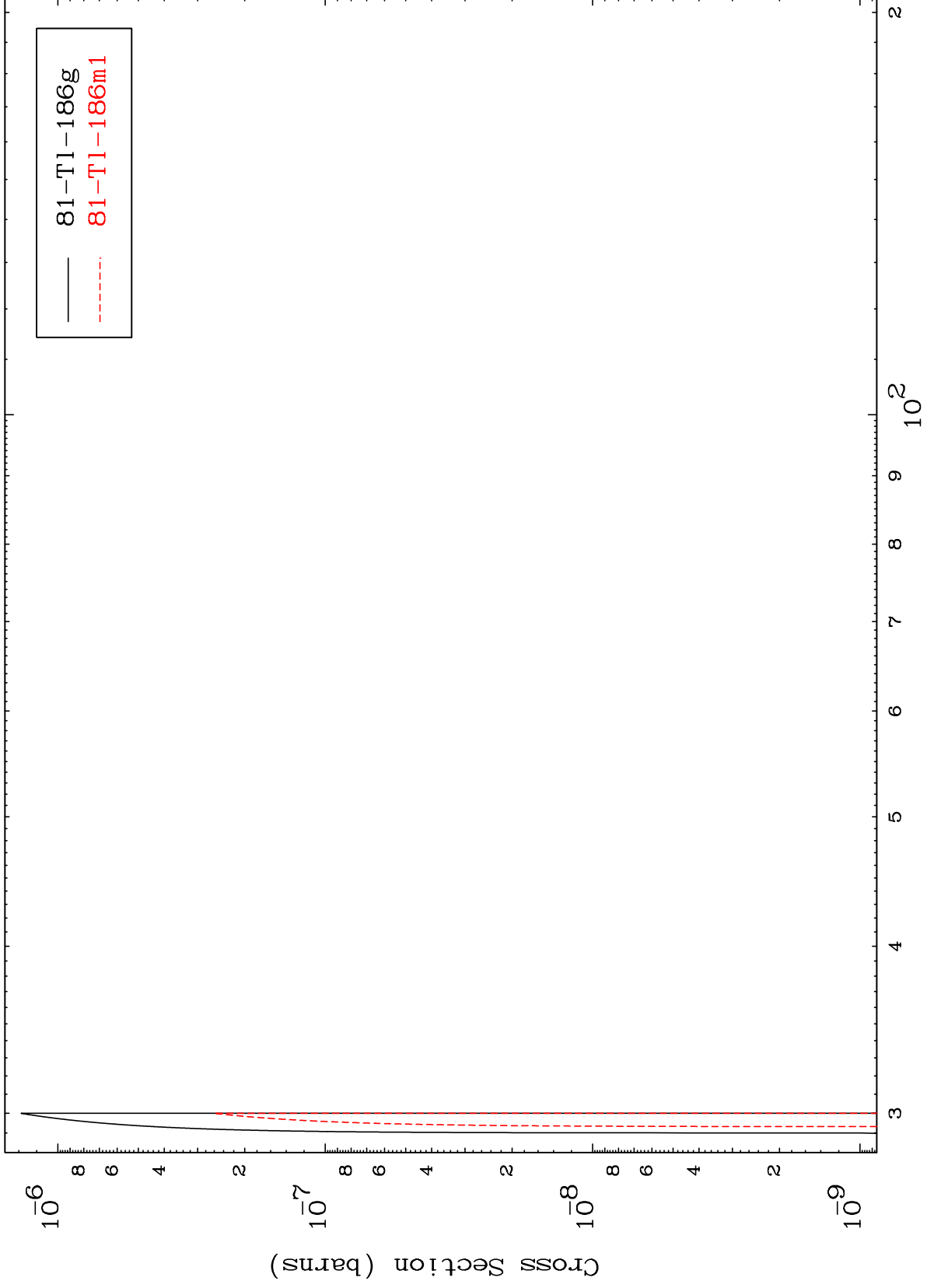
81-Tl-189

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(n,4n)

81-Tl-189

Radionuclide Production Cross Section

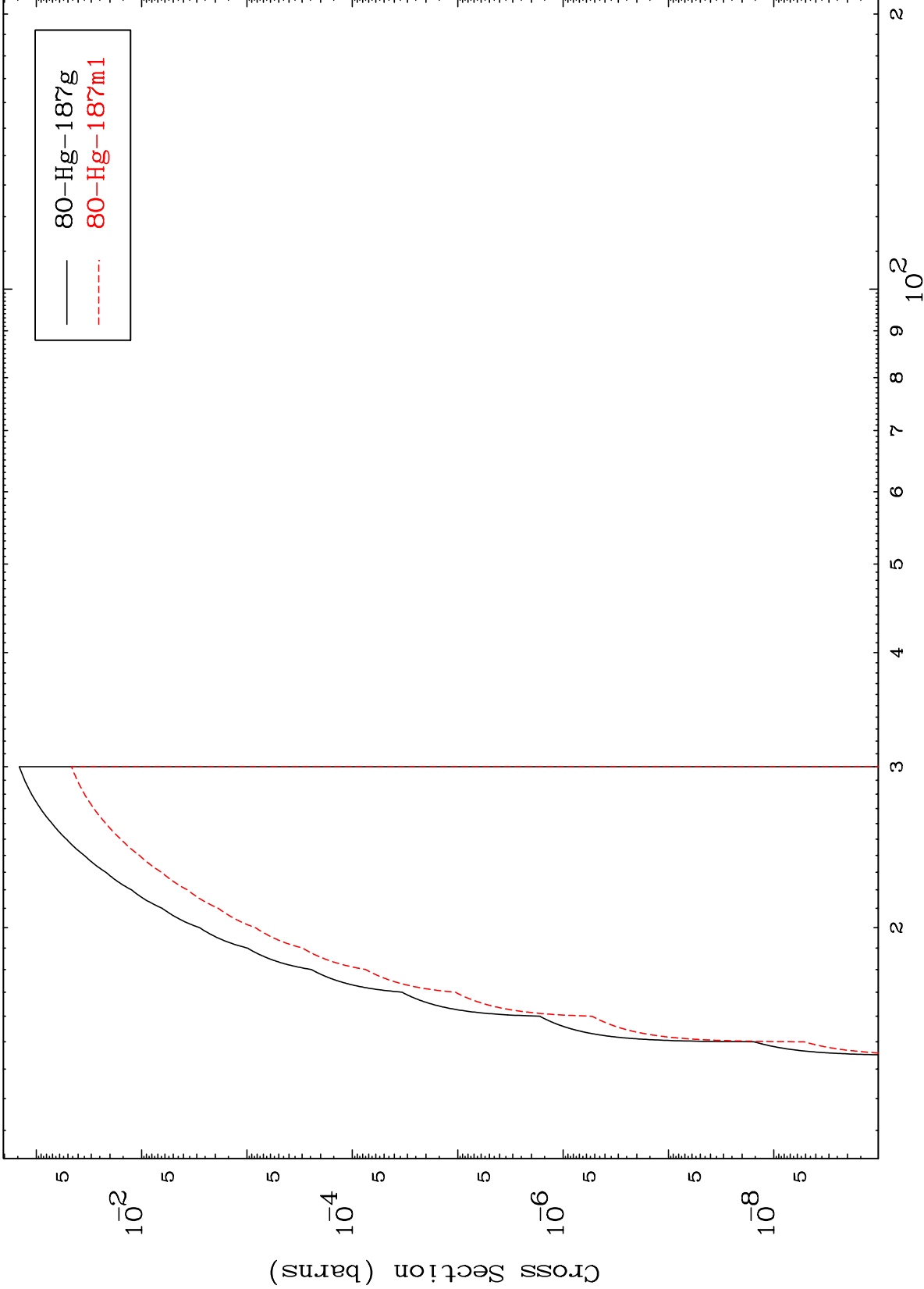


24

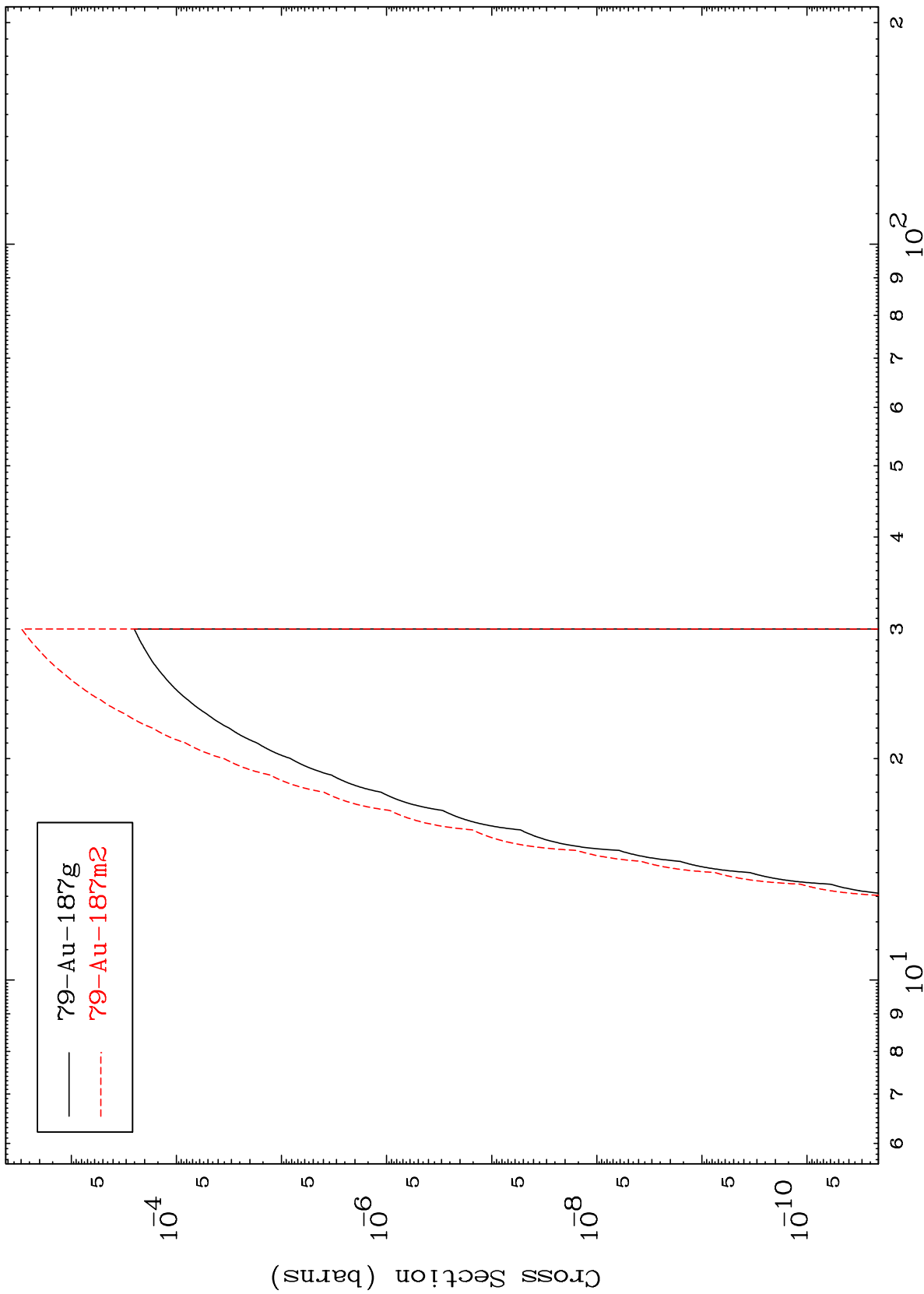
Incident Energy (MeV)

81-Tl-189

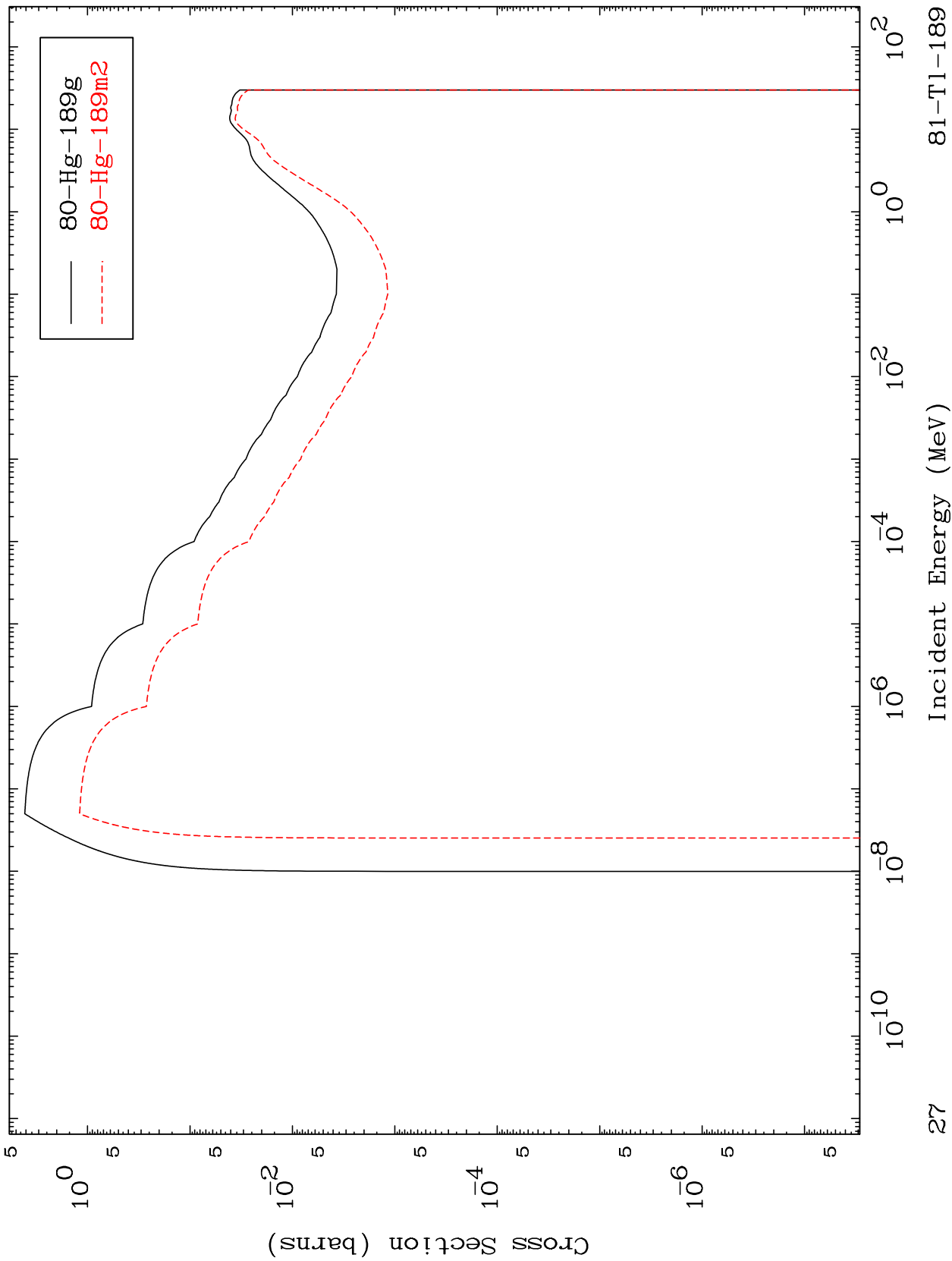
Radionuclide Production Cross Section



(n,2n) p
Radionuclide Production Cross Section



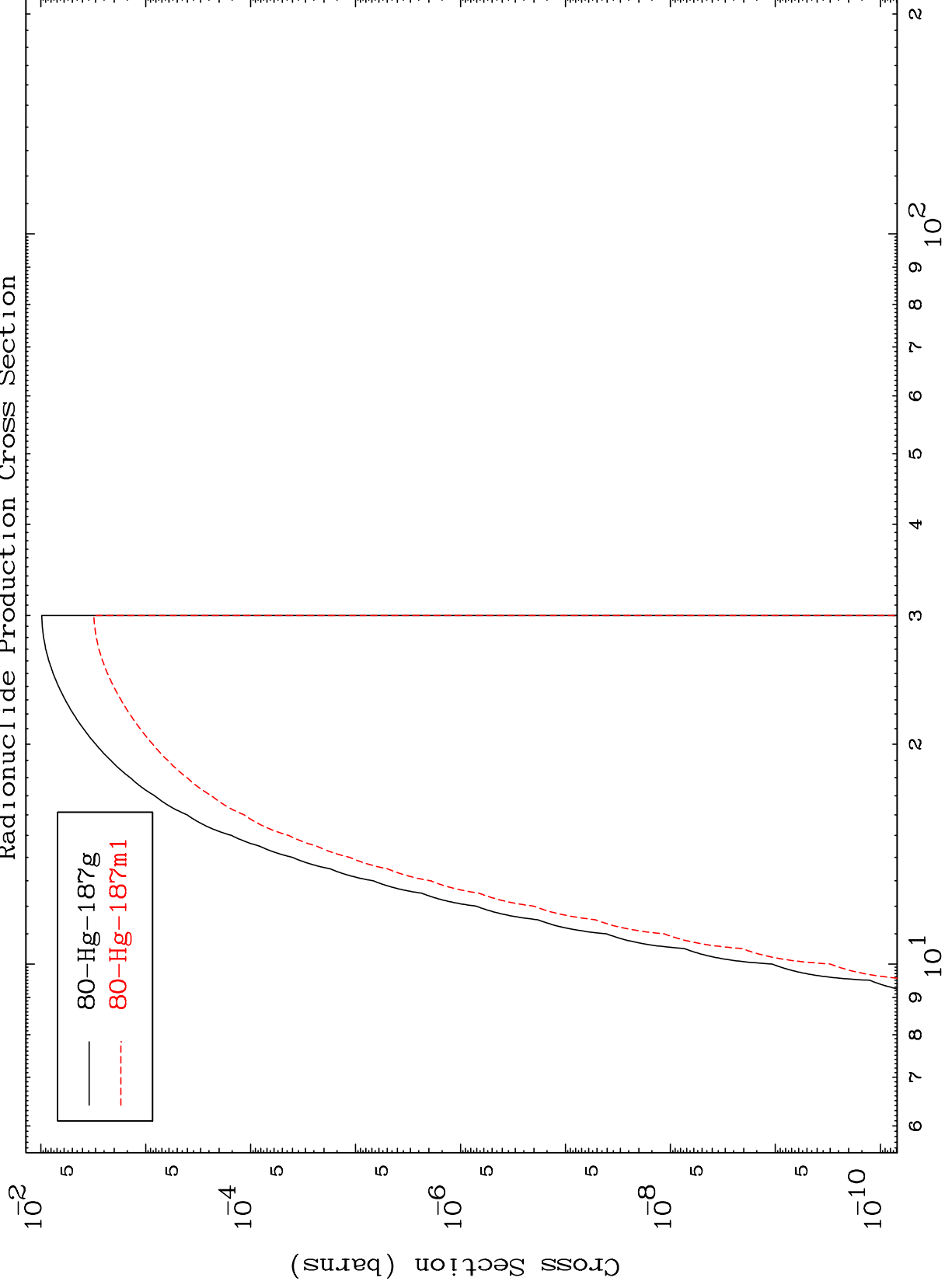
(n,p)
Radionuclide Production Cross Section



MAT 8084

81-Tl-189

Radionuclide Production Cross Section (n,t)



Incident Energy (MeV)

81-Tl-189

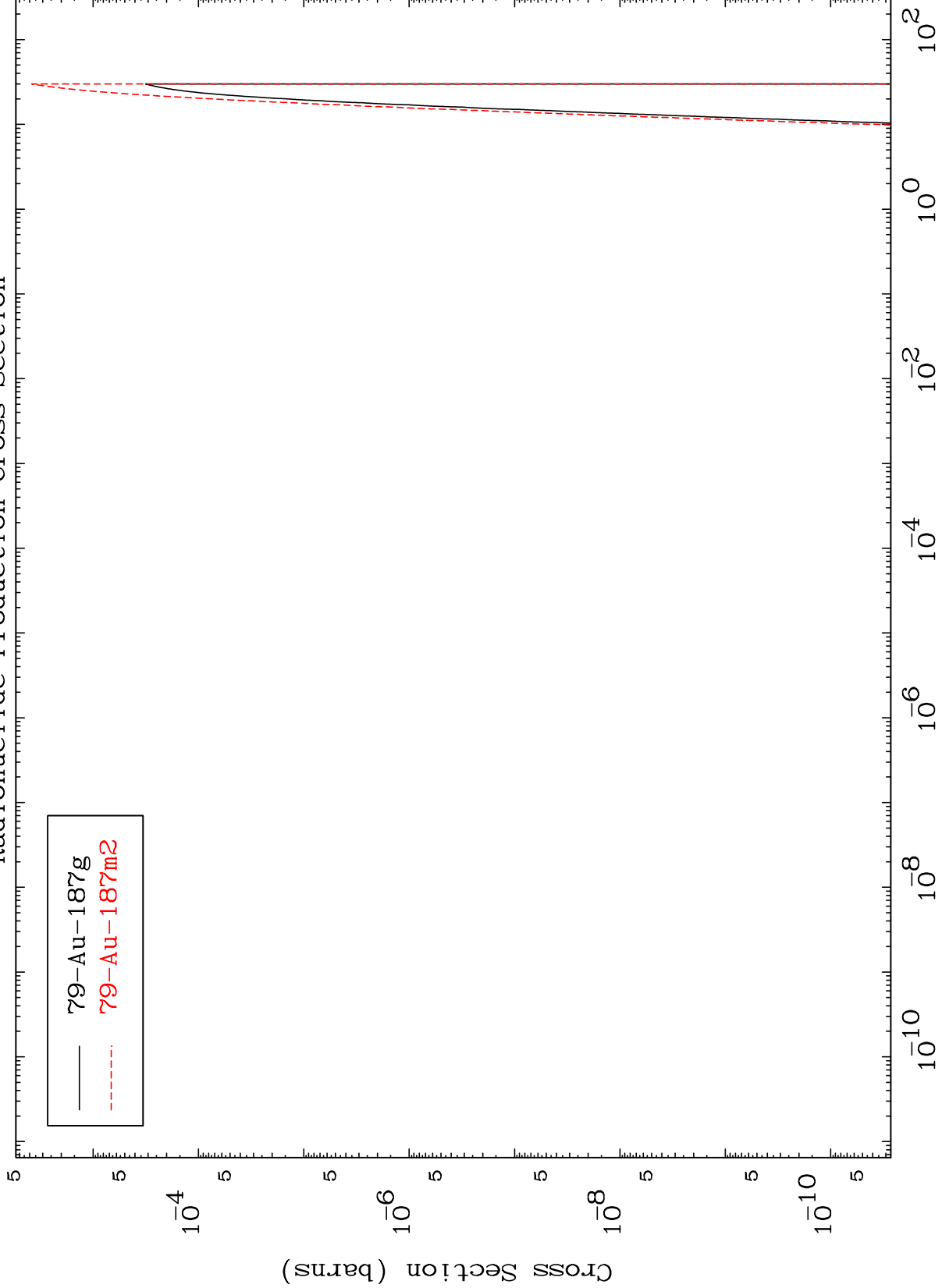
28

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(n,He-3)

81-Tl-189

Radionuclide Production Cross Section



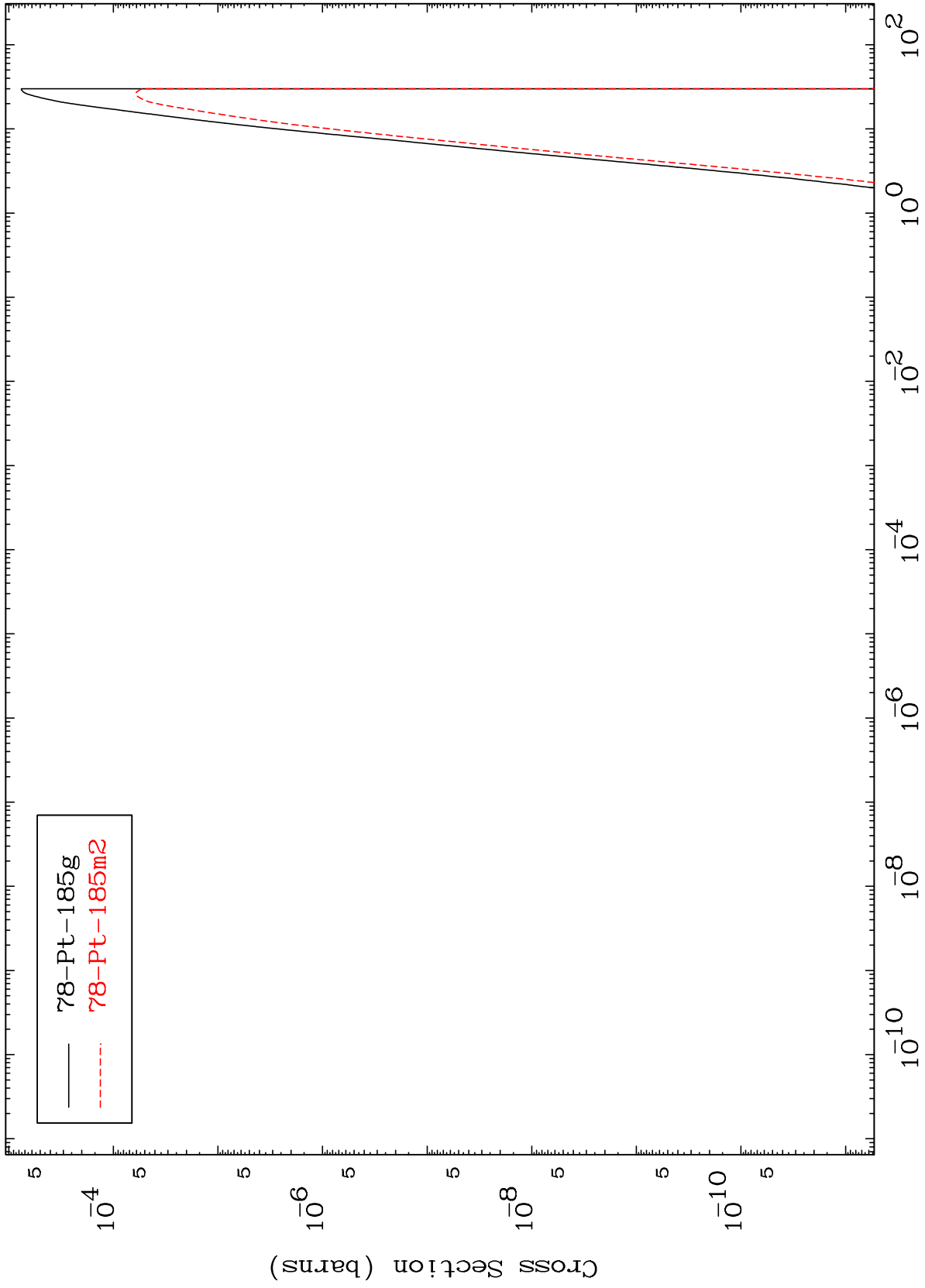
— $^{79}\text{Au-187g}$
- - - $^{79}\text{Au-187m2}$

MAT 8084

(n,p) α

81-Tl-189

Radionuclide Production Cross Section



30

Incident Energy (MeV)

81-Tl-189

