

Program EVALPLOT
(Version 2017-1)

by

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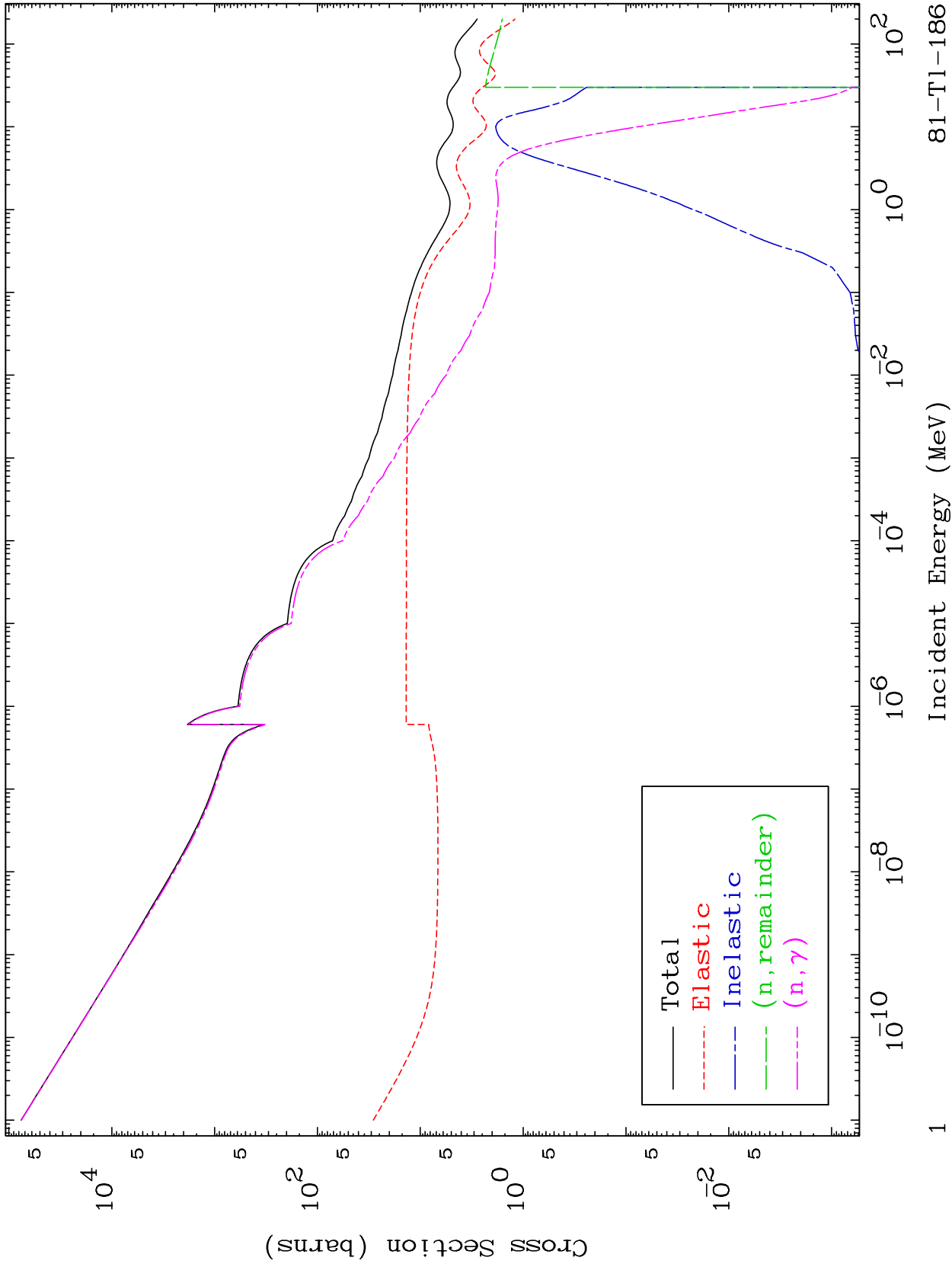
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8075

Major
293 Kelvin Cross Sections

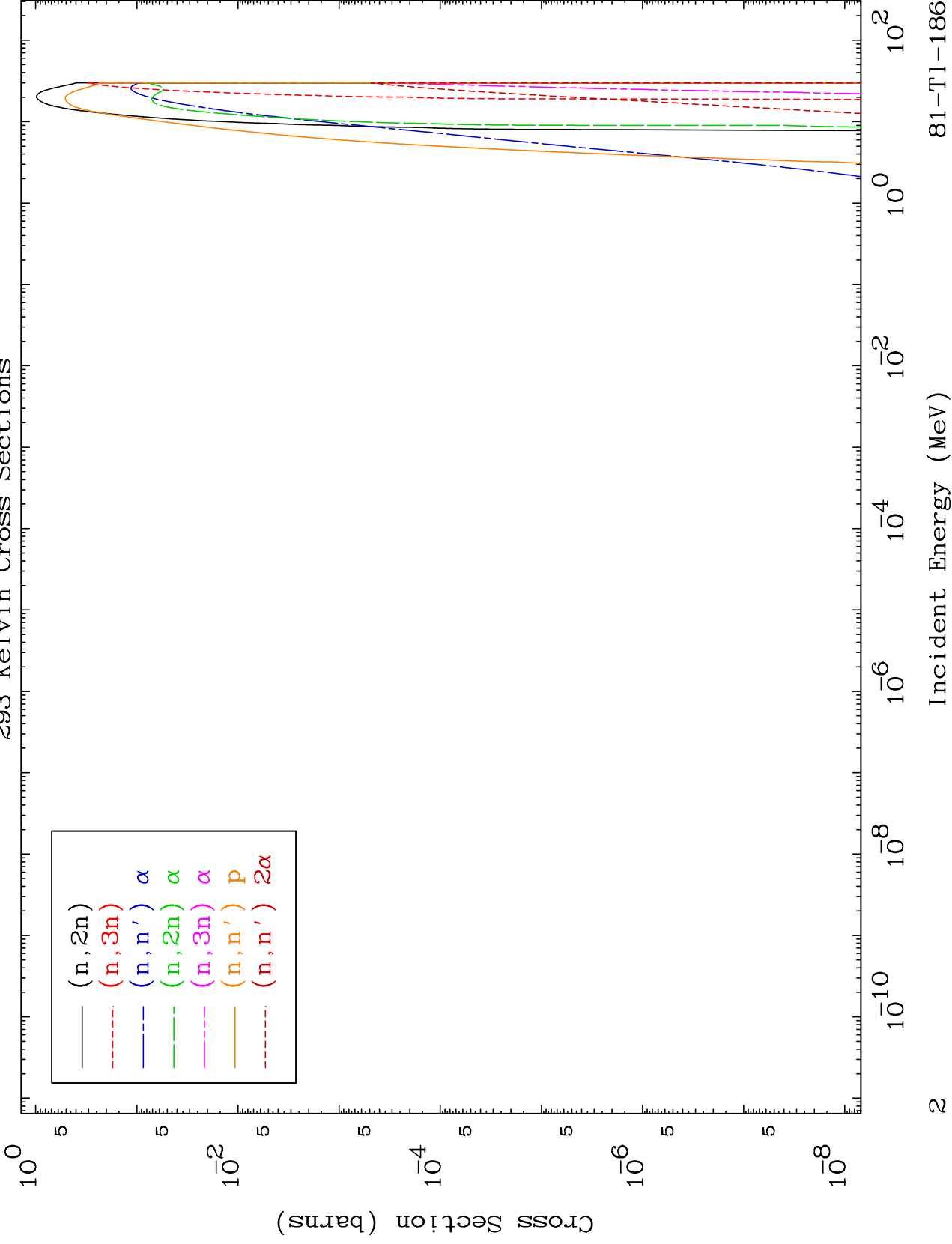
81-Tl-186



MAT 8075

Neutron Production
293 Kelvin Cross Sections

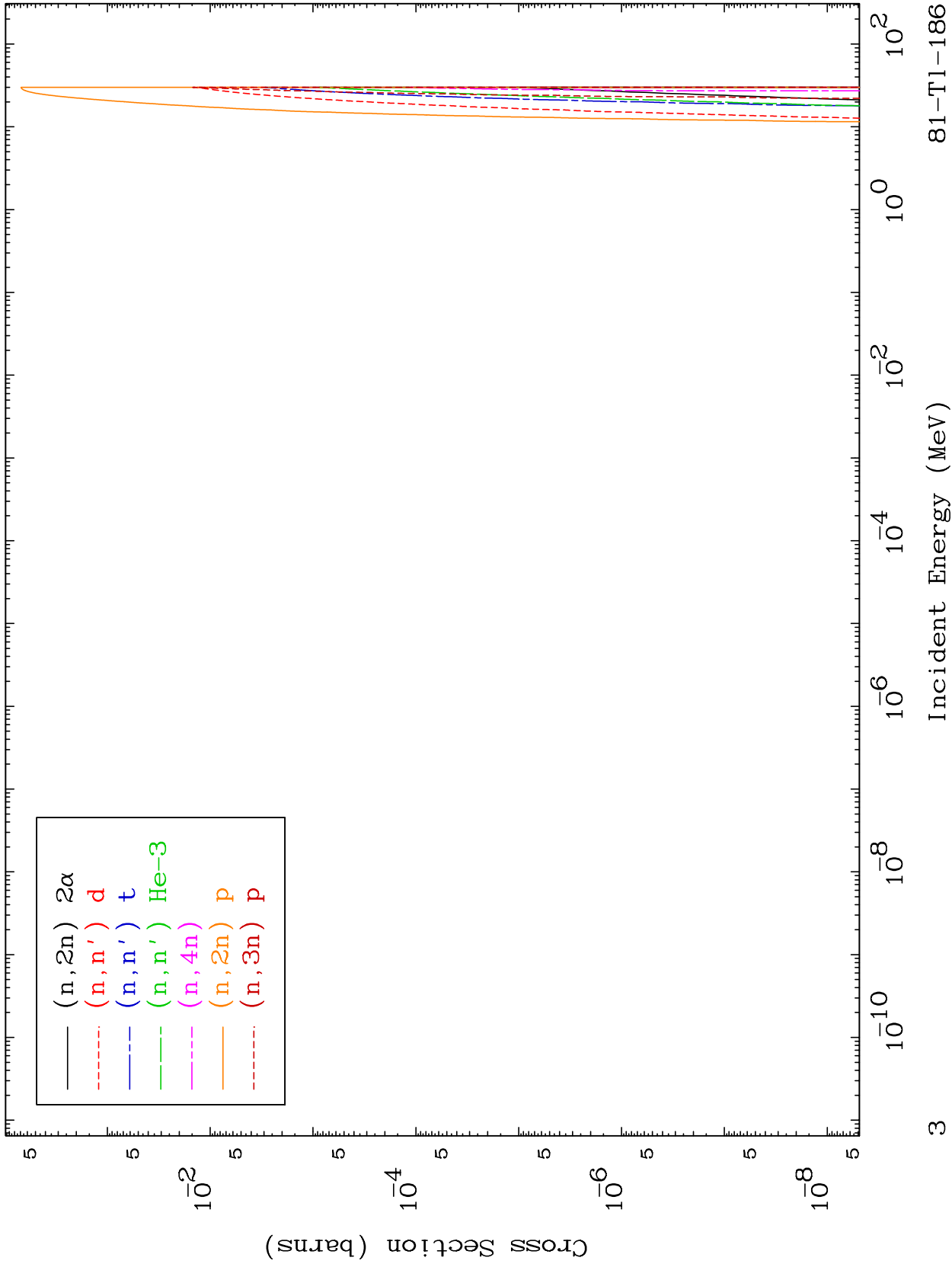
81-Tl-186



MAT 8075

Neutron Production
293 Kelvin Cross Sections

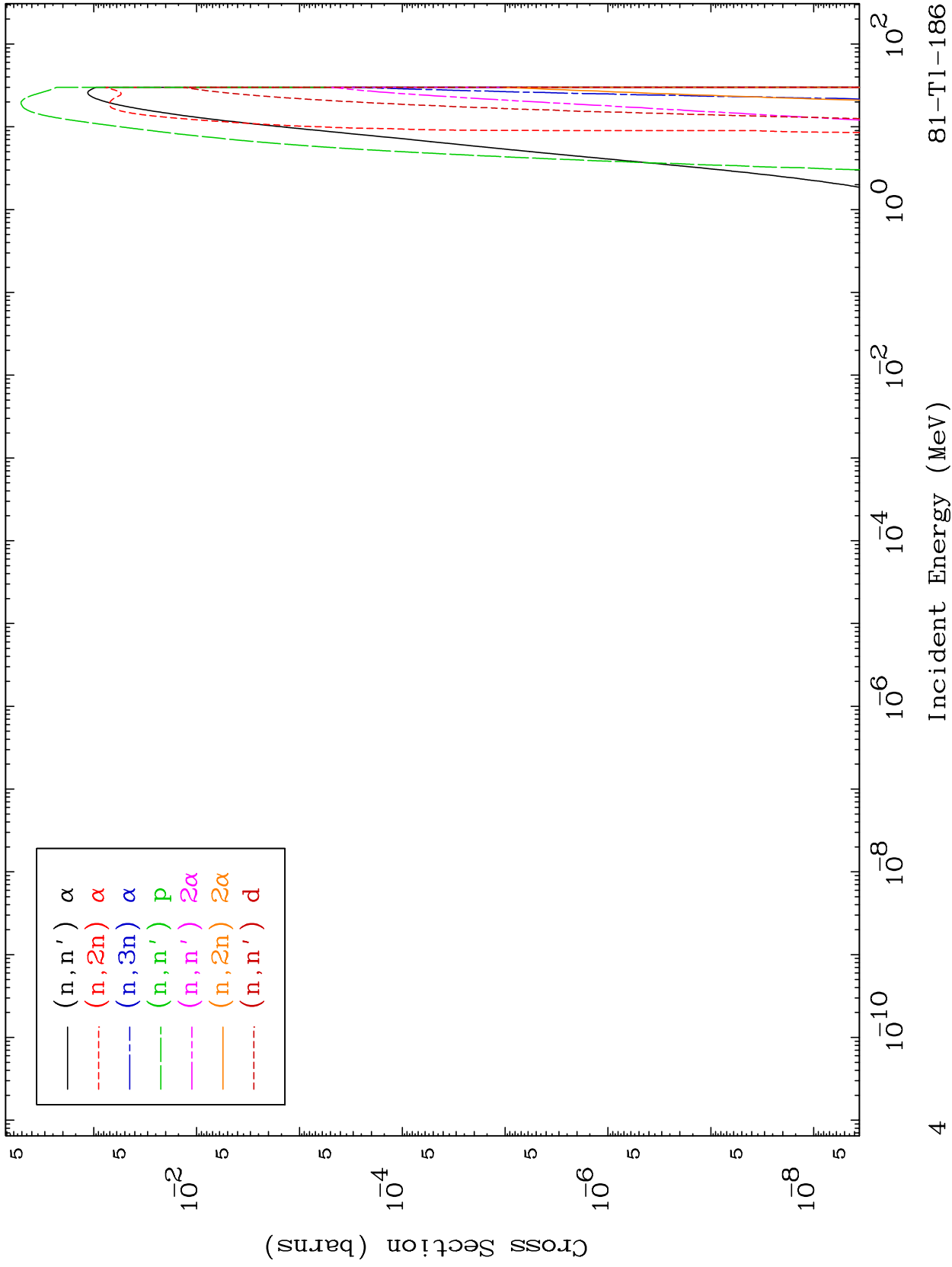
81-Tl-186



MAT 8075

Charged Particle
293 Kelvin Cross Sections

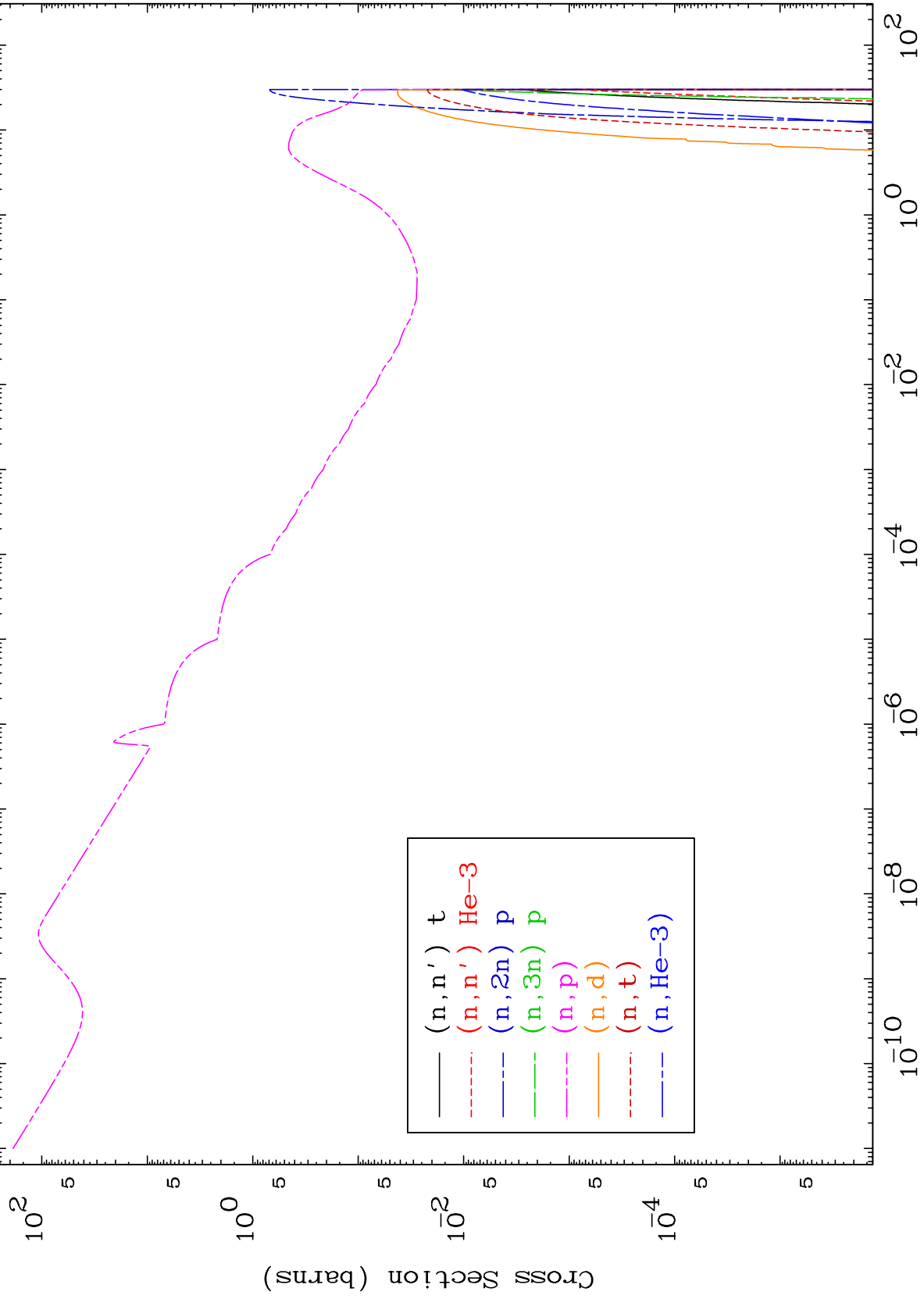
81-Tl-186



MAT 8075

Charged Particle
293 Kelvin Cross Sections

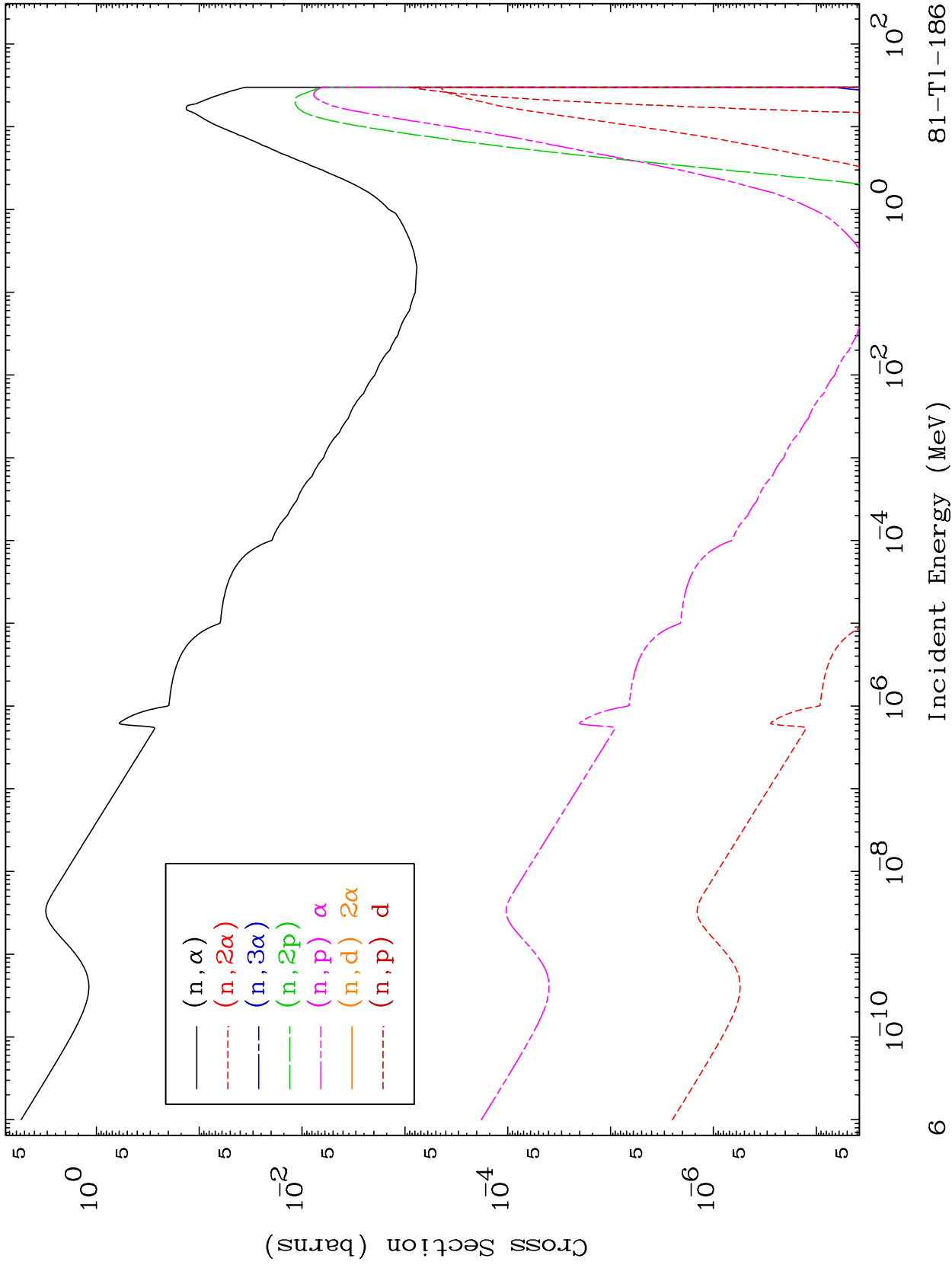
81-Tl-186



MAT 8075

Charged Particle
293 Kelvin Cross Sections

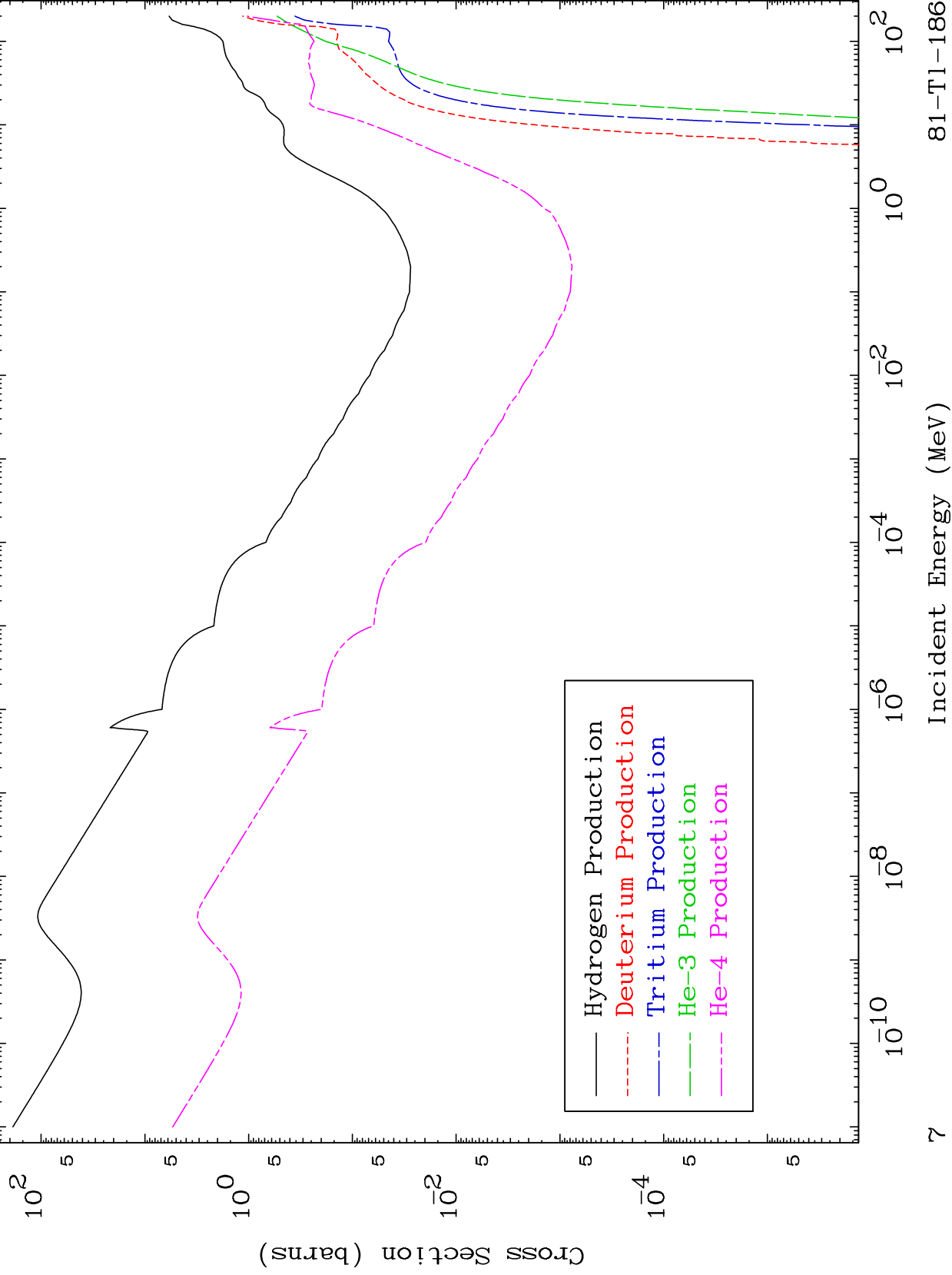
81-Tl-186



MAT 8075

Particle Production
293 Kelvin Cross Sections

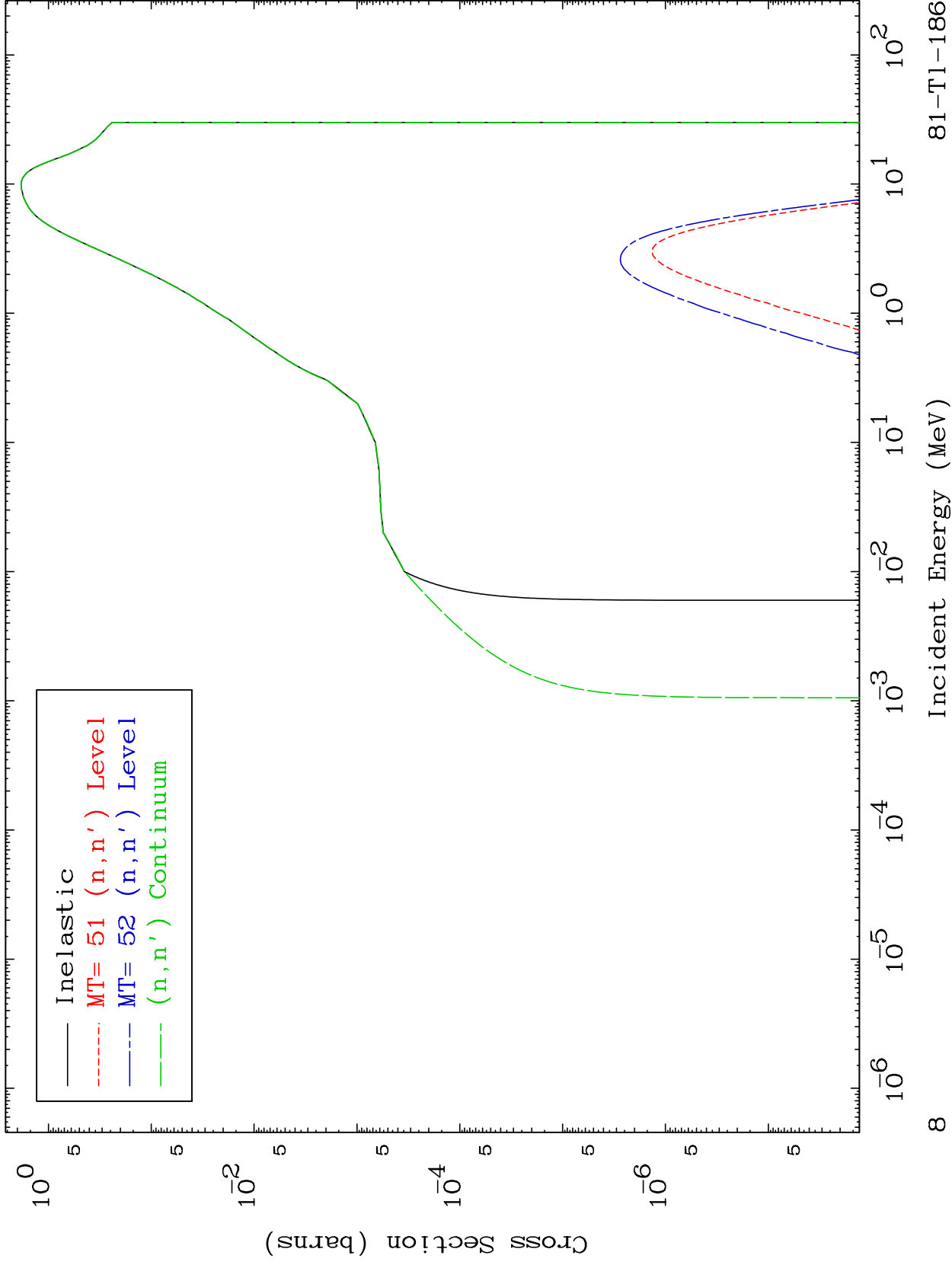
81-Tl-186



MAT 8075

(n,n') Level
293 Kelvin Cross Sections

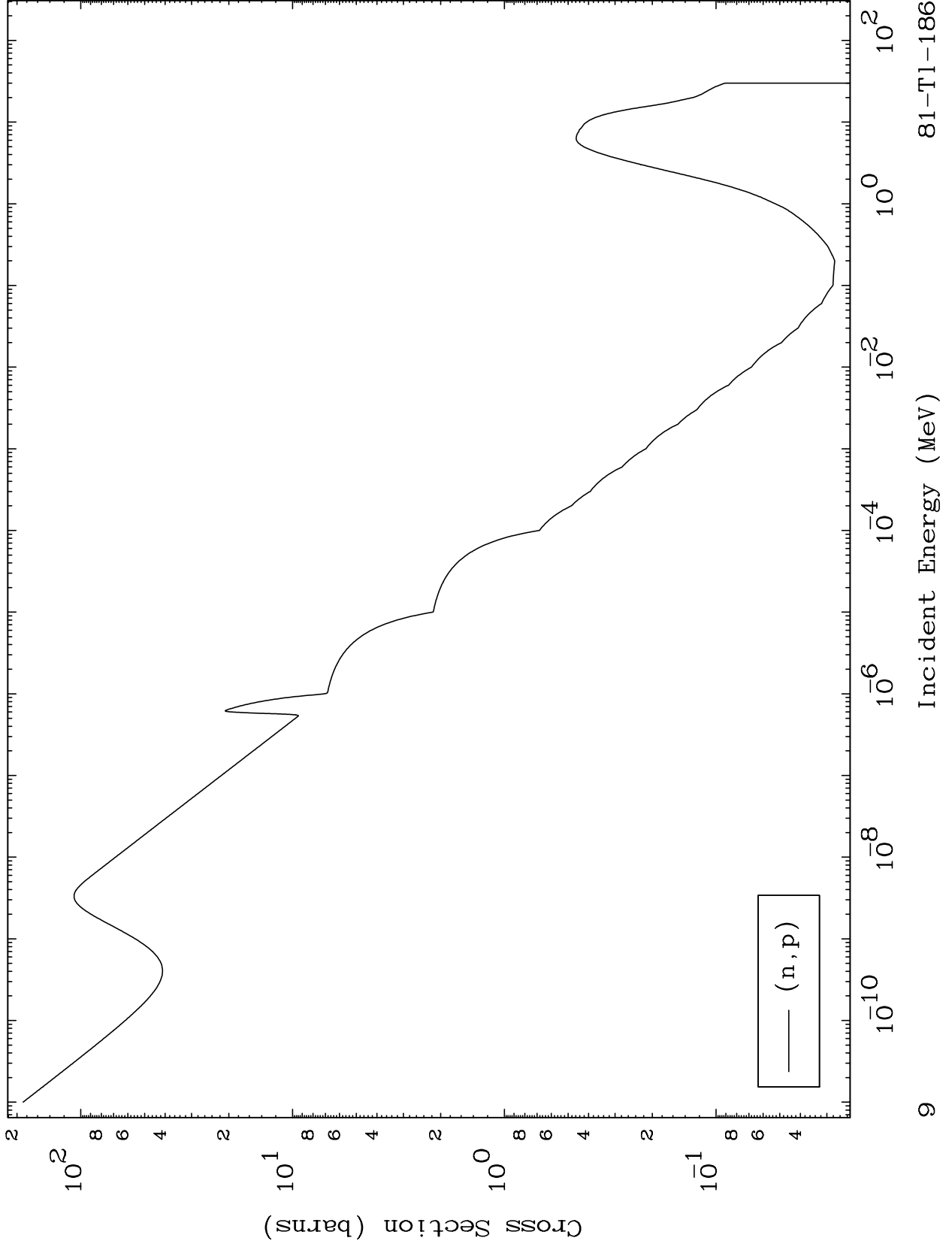
81-Tl-186



MAT 8075

(n,p) Levels
293 Kelvin Cross Sections

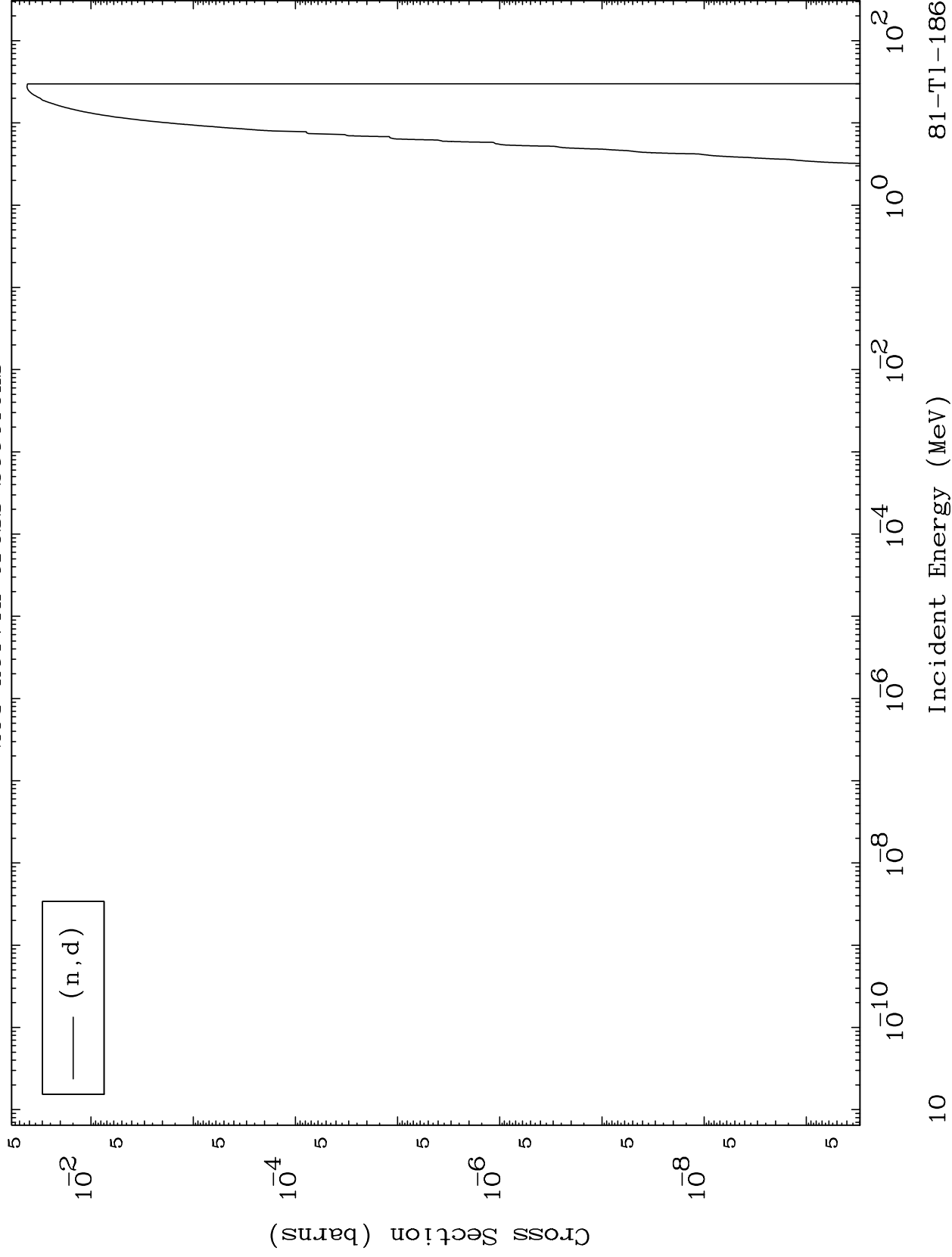
81-Tl-186



MAT 8075

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-186



10

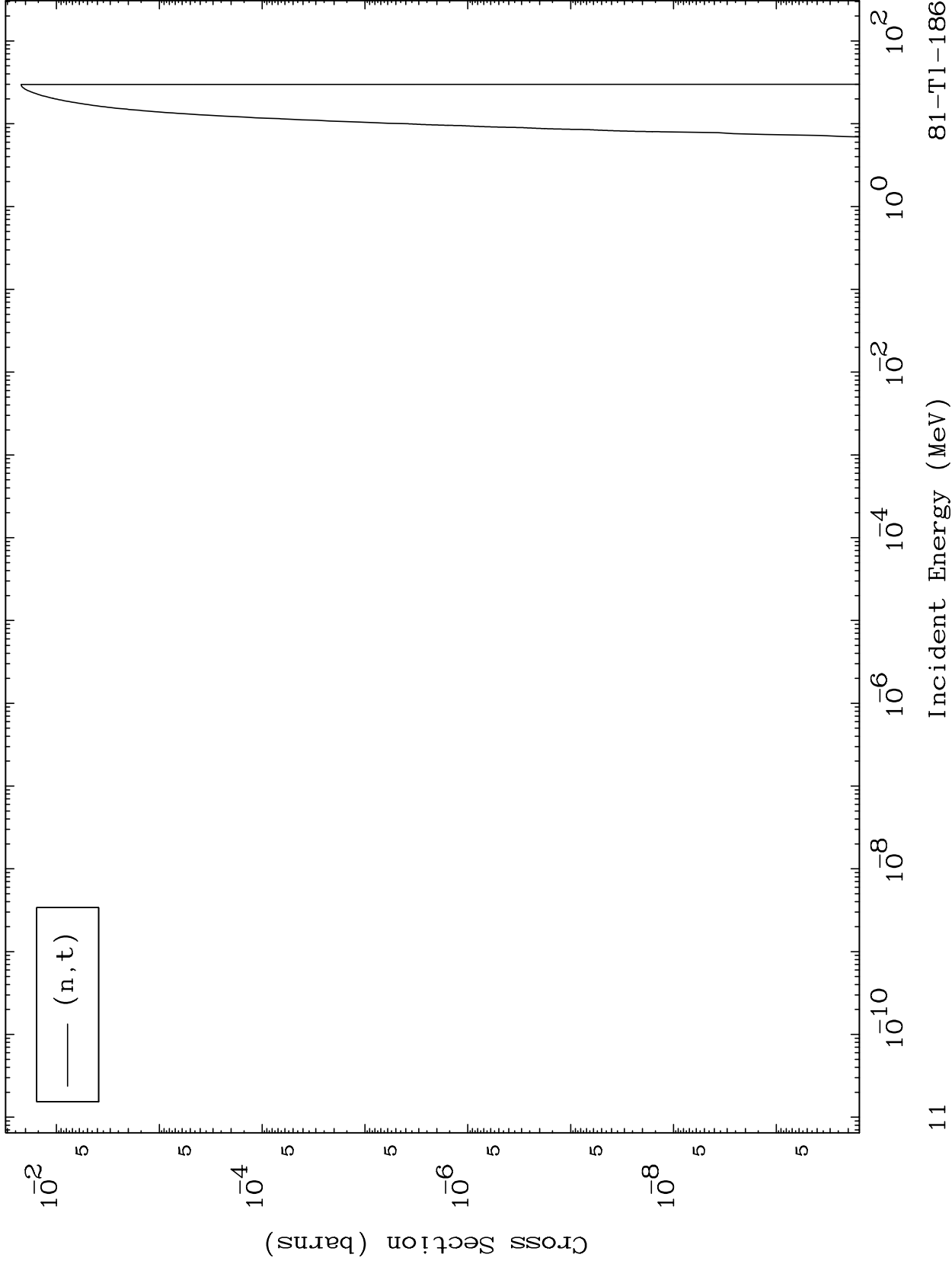
Incident Energy (MeV)

81-Tl-186

MAT 8075

(n,t) Levels
293 Kelvin Cross Sections

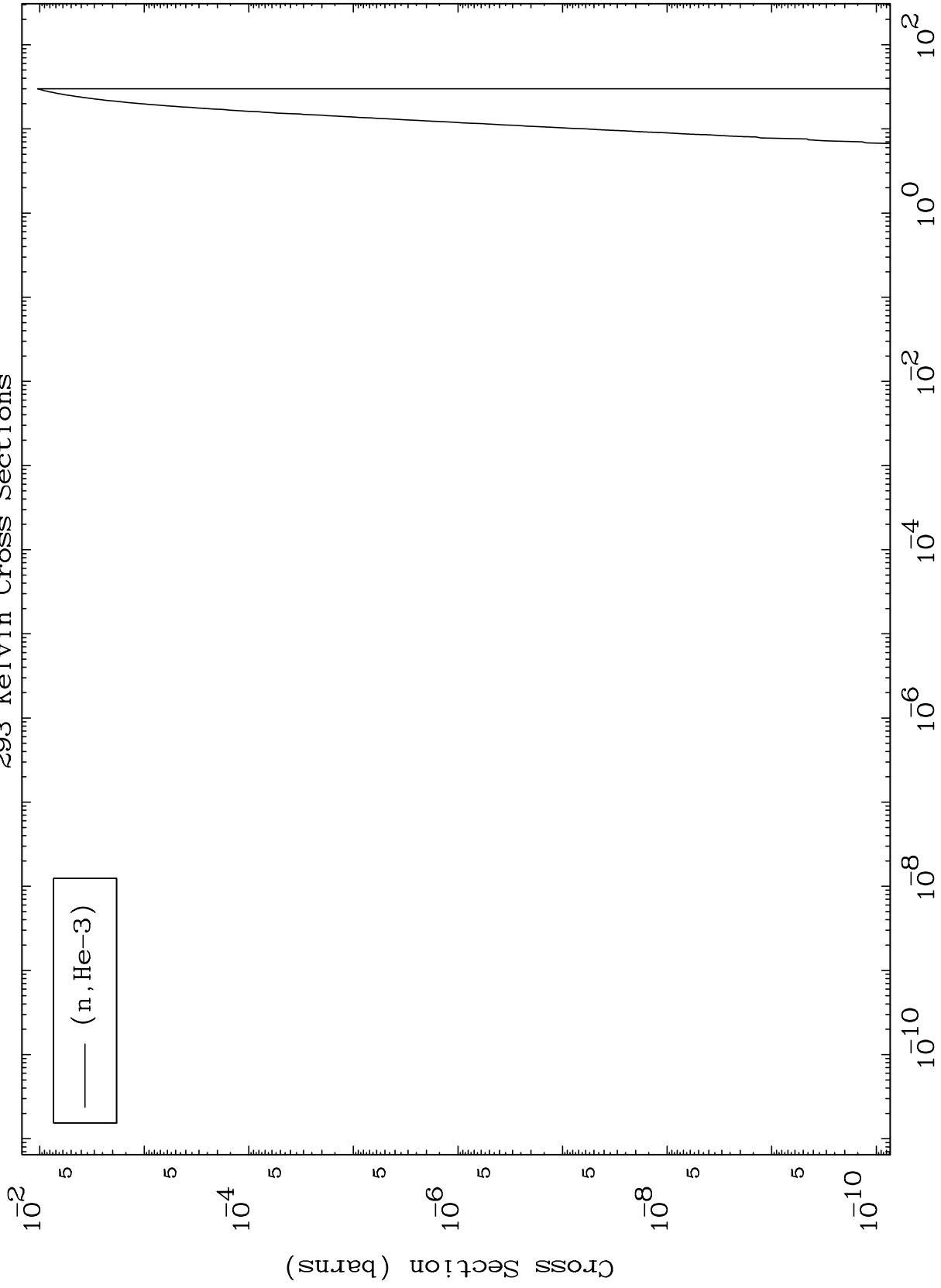
81-Tl-186



MAT 8075

(n,He3) Levels
293 Kelvin Cross Sections

81-Tl-186



12

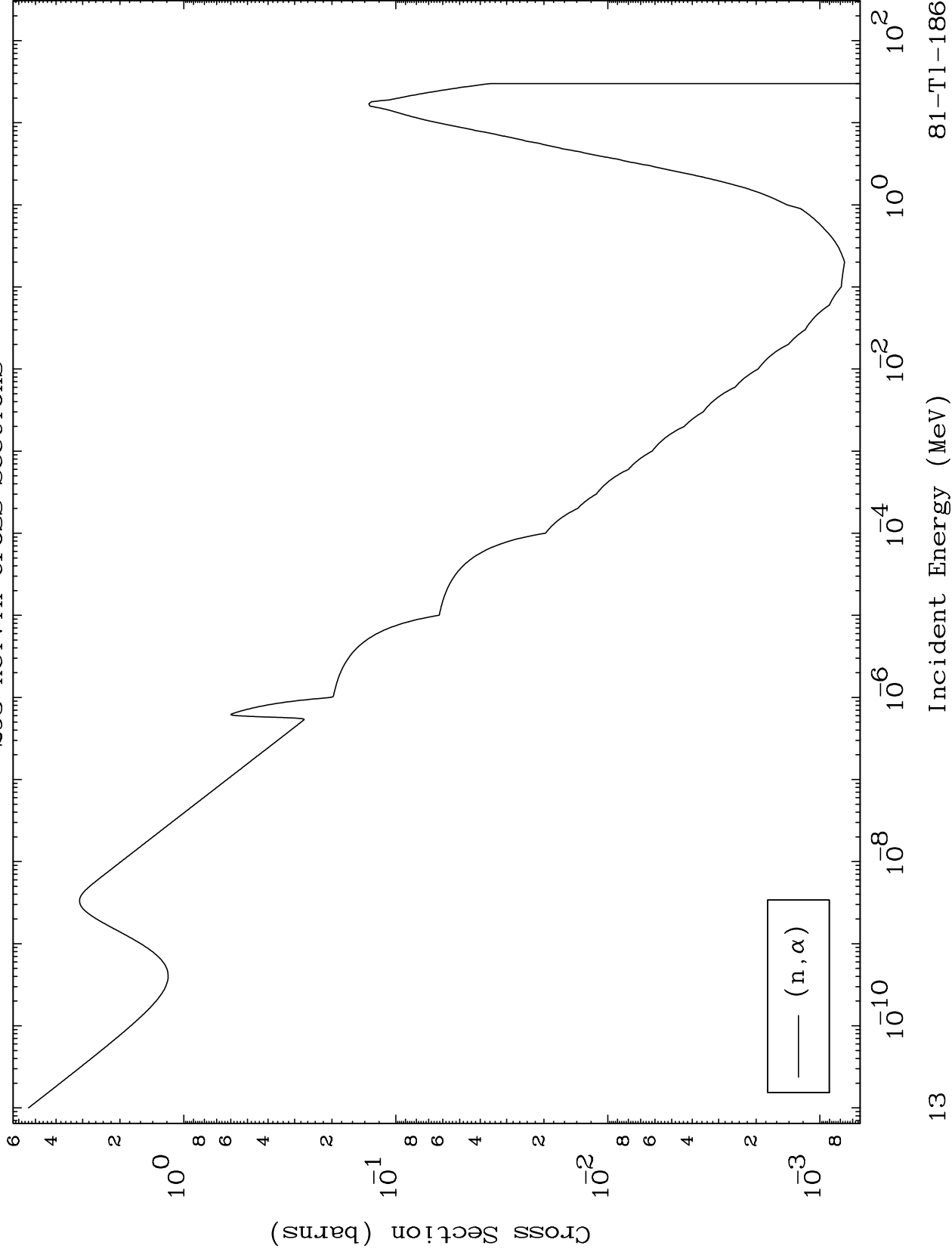
Incident Energy (MeV)

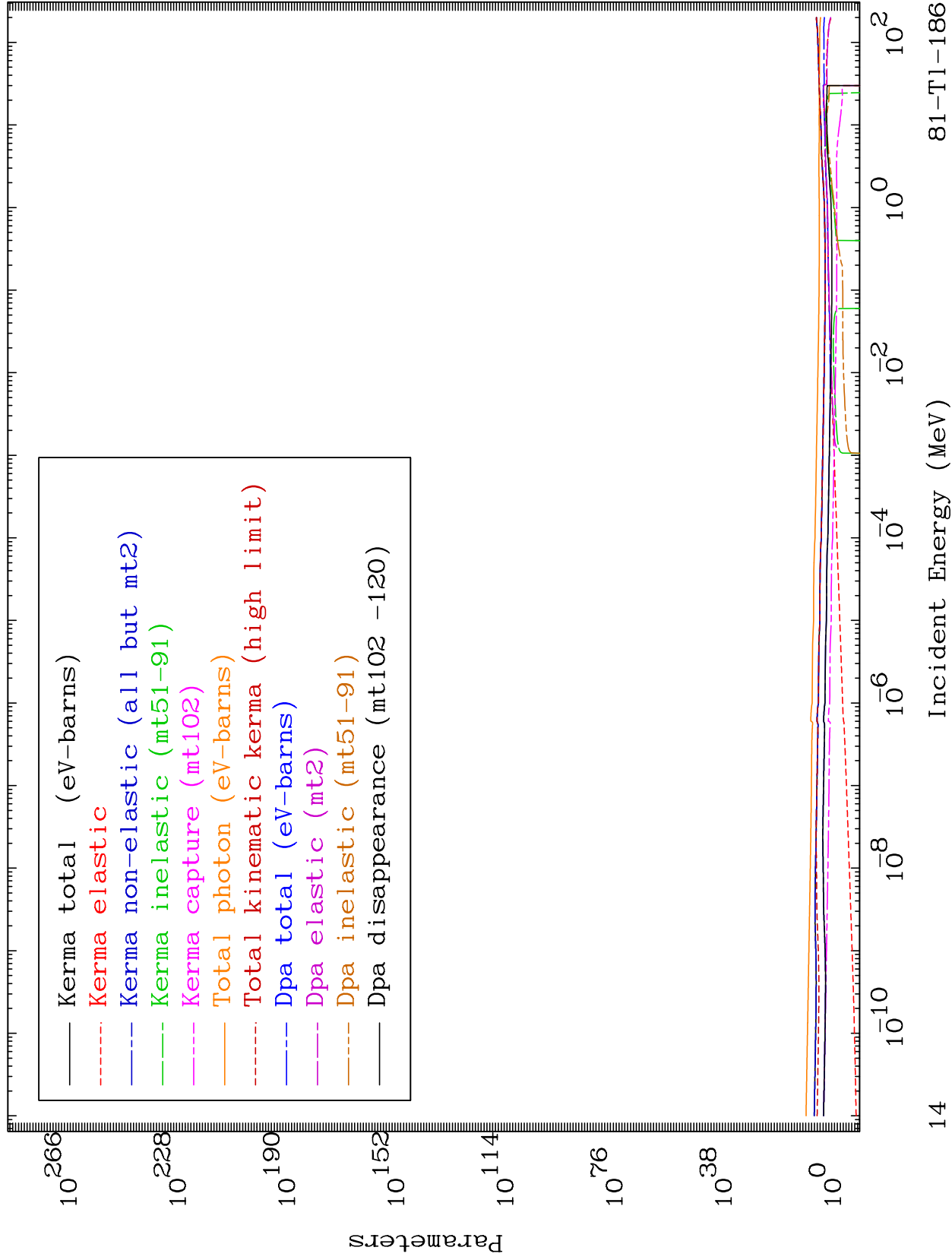
81-Tl-186

MAT 8075

(n, α) Levels
293 Kelvin Cross Sections

81-Tl-186

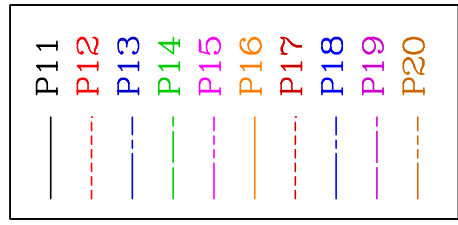




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Elastic Legendre Coefficients

81-Tl-186



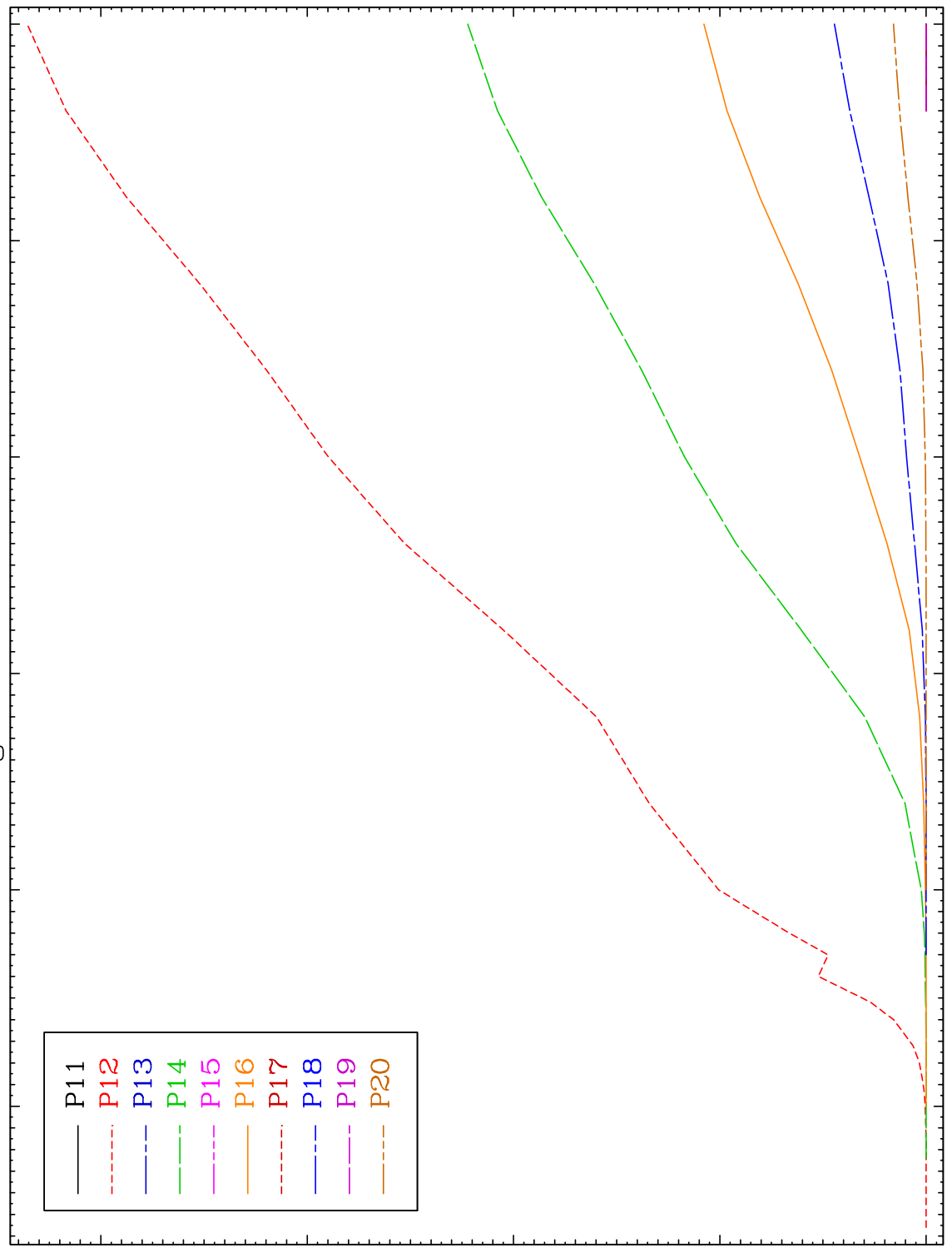
$\times 10^{-4}$
2.0
1.5
1.0
0.5
0.0

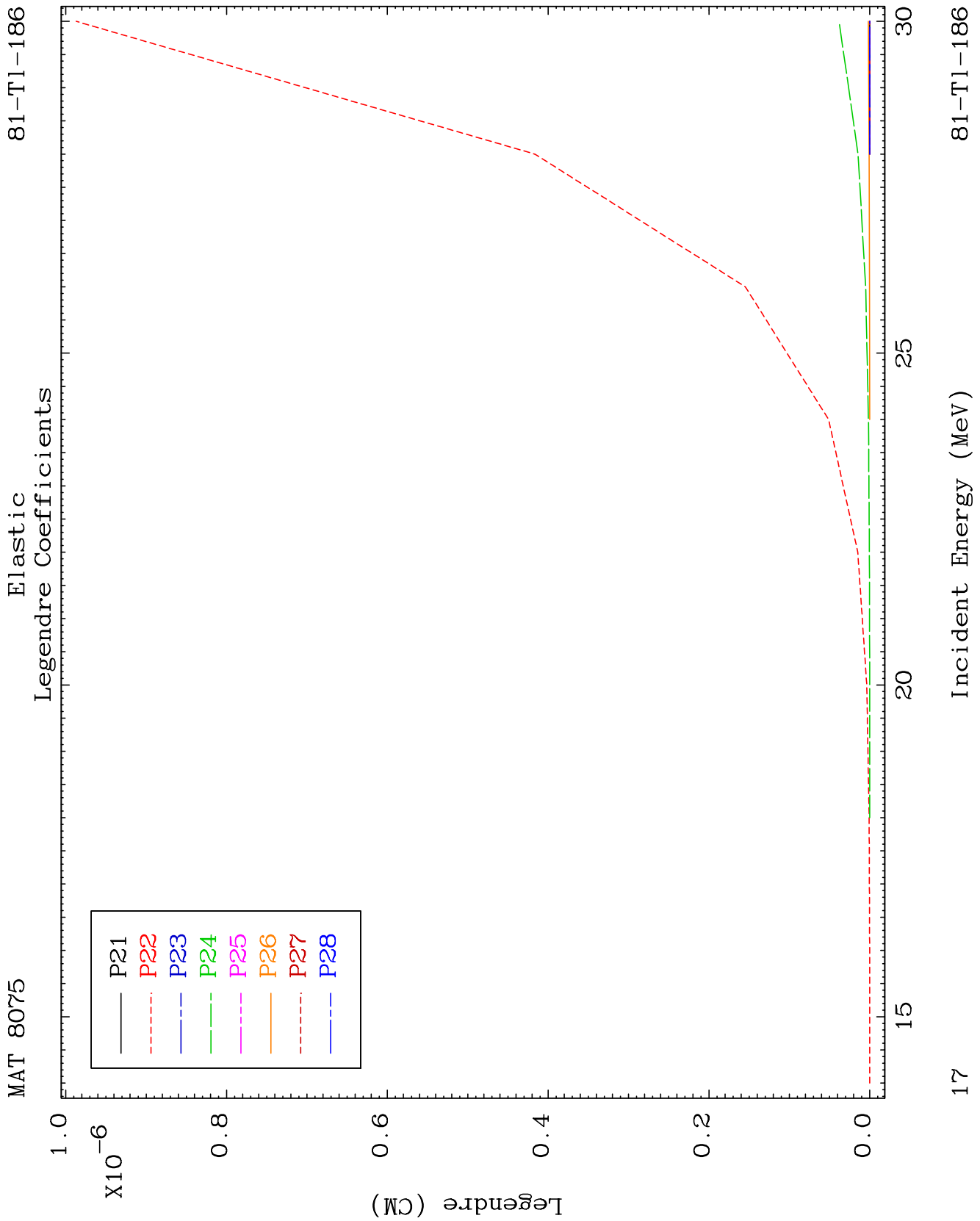
Legendre (CM)

16

Incident Energy (MeV)

81-Tl-186





MAT 8075

Elastic Legendre Coefficients

81-Tl-186

17

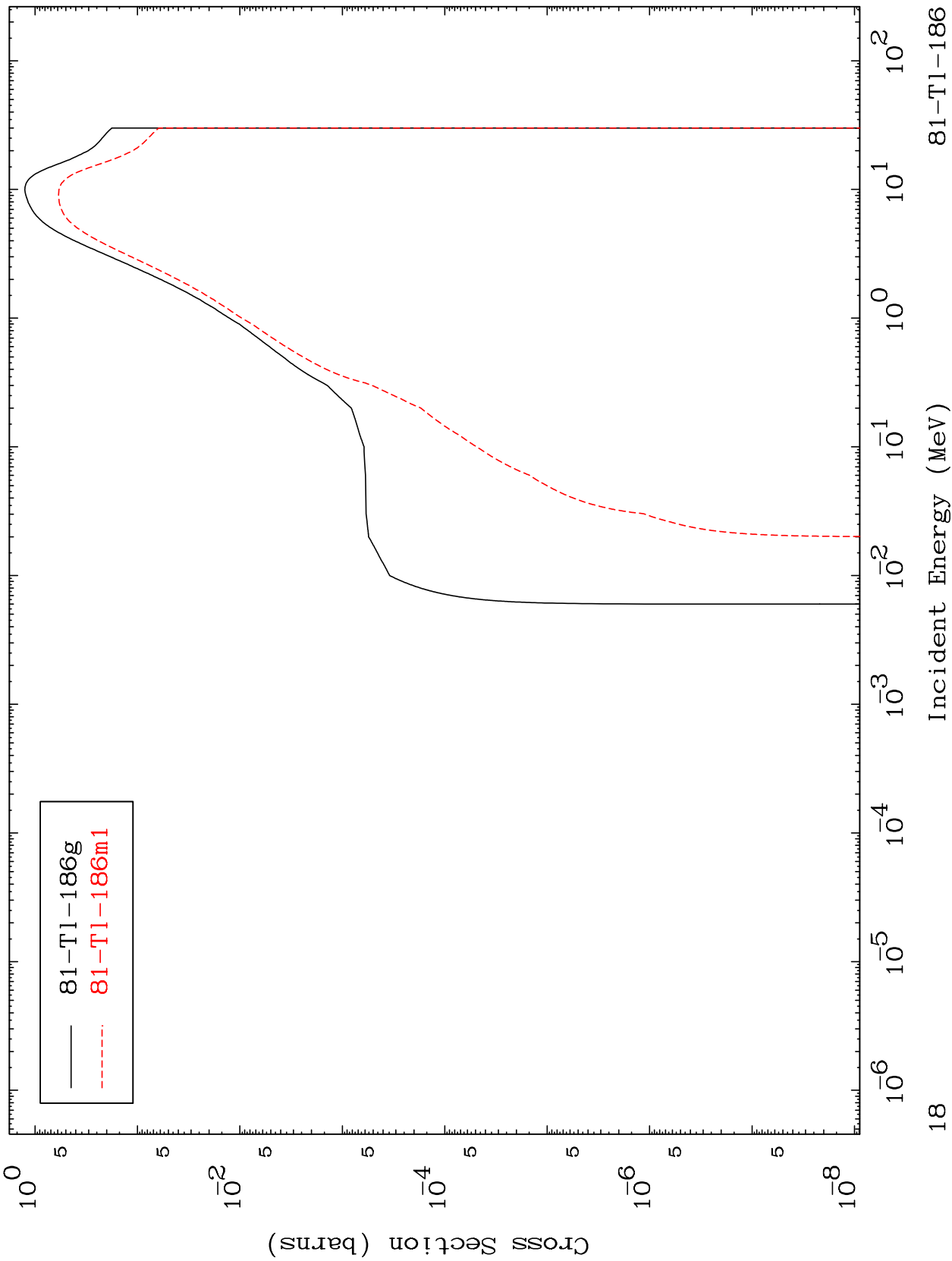
Incident Energy (MeV)

81-Tl-186

MAT 8075

Inelastic
Radionuclide Production Cross Section

81-Tl-186

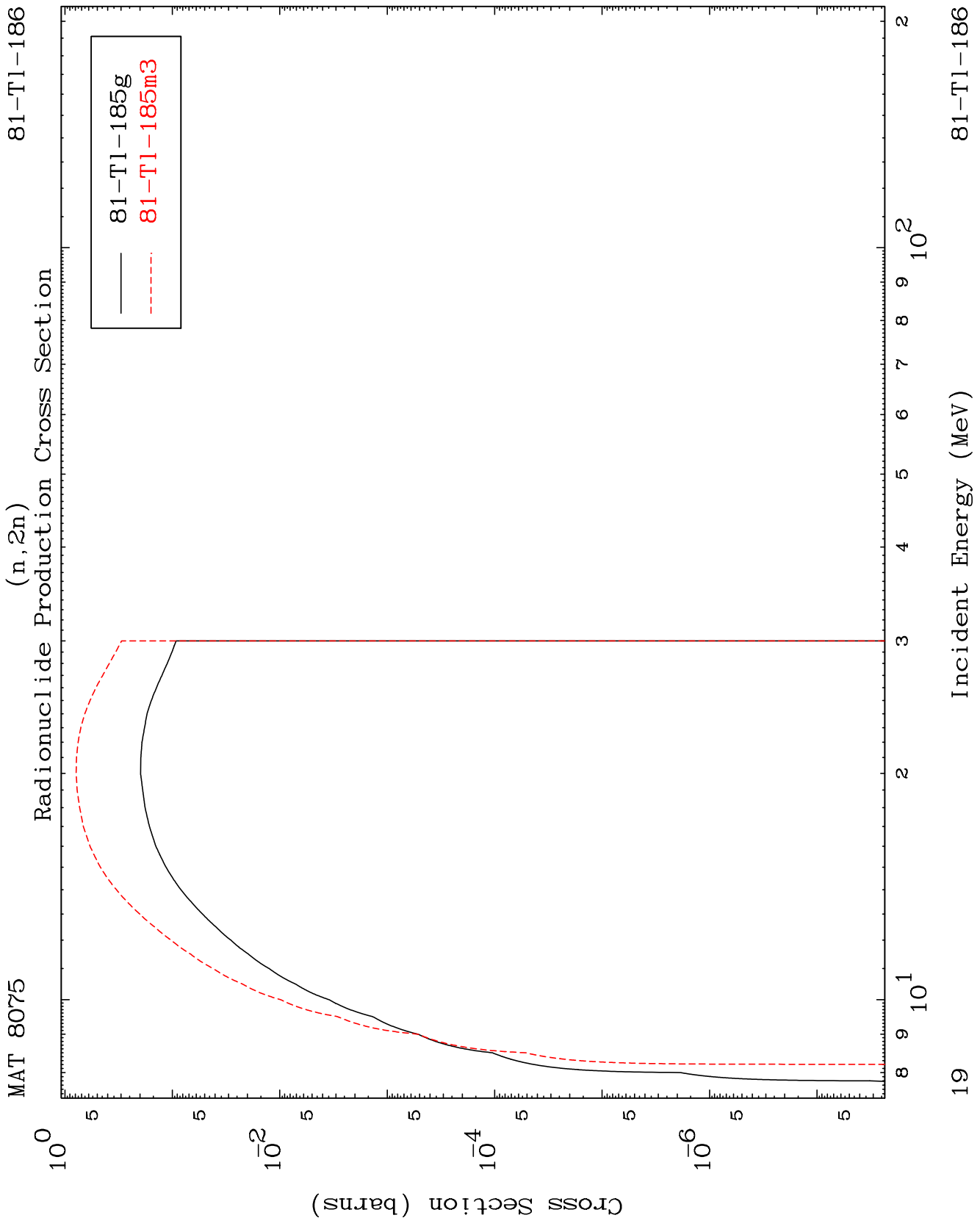


81-Tl-186g
81-Tl-186m1

18

Incident Energy (MeV)

81-Tl-186

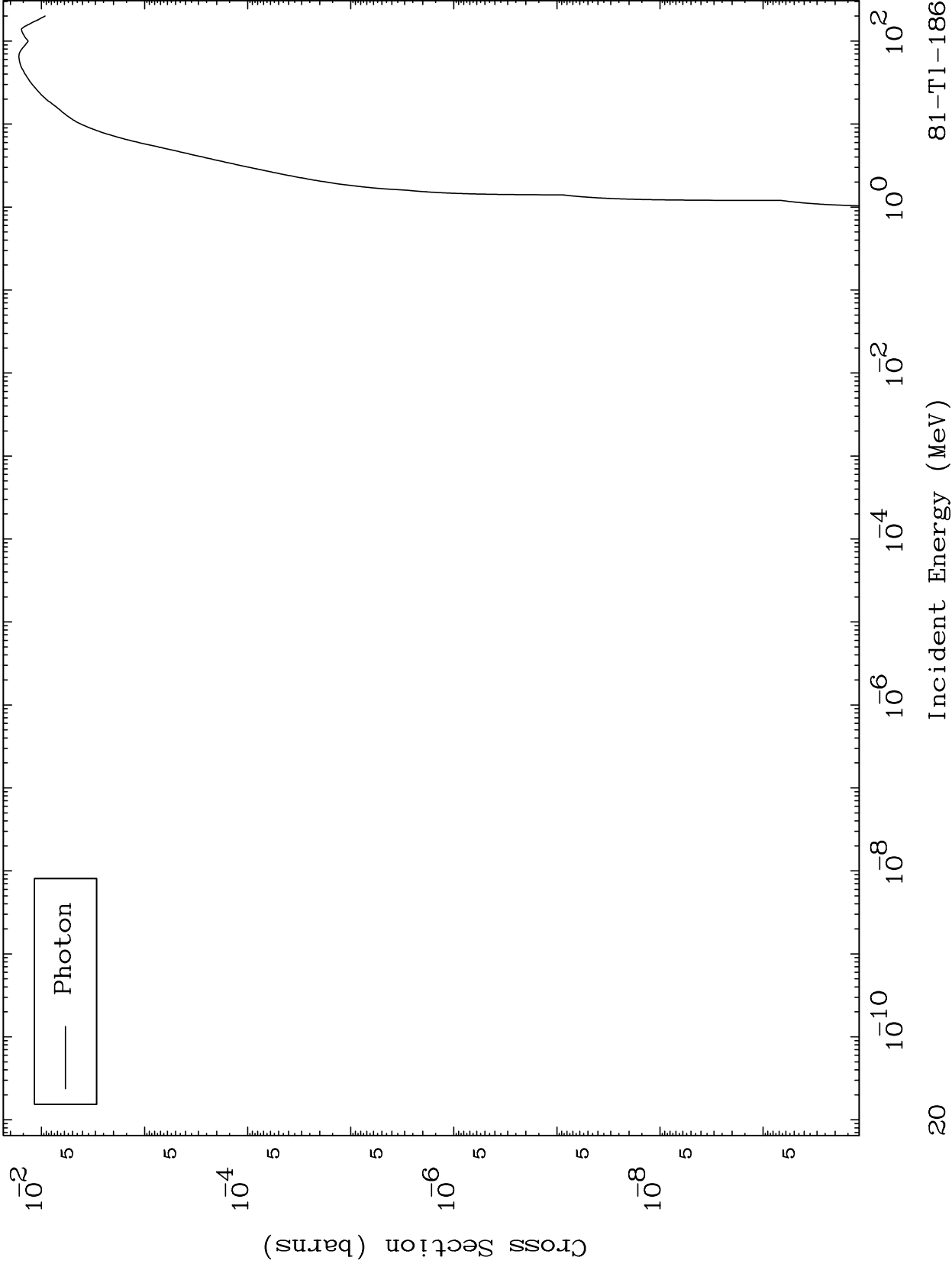


MAT 8075

Fission

81-Tl-186

Radionuclide Production Cross Section



20

Incident Energy (MeV)

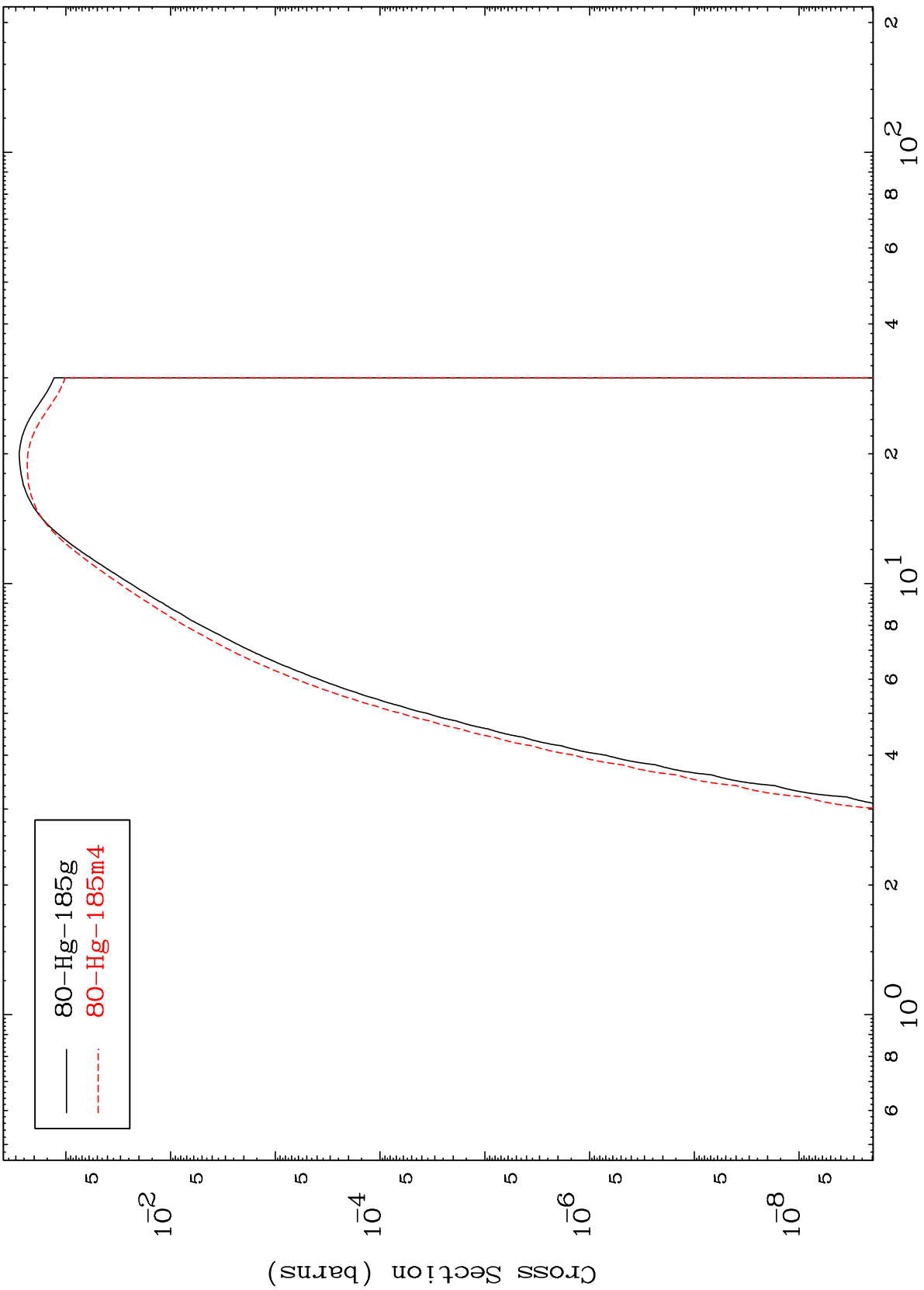
81-Tl-186

MAT 8075

(n,n') p

81-Tl-186

Radionuclide Production Cross Section



80-Hg-185g
80-Hg-185m4

21

Incident Energy (MeV)

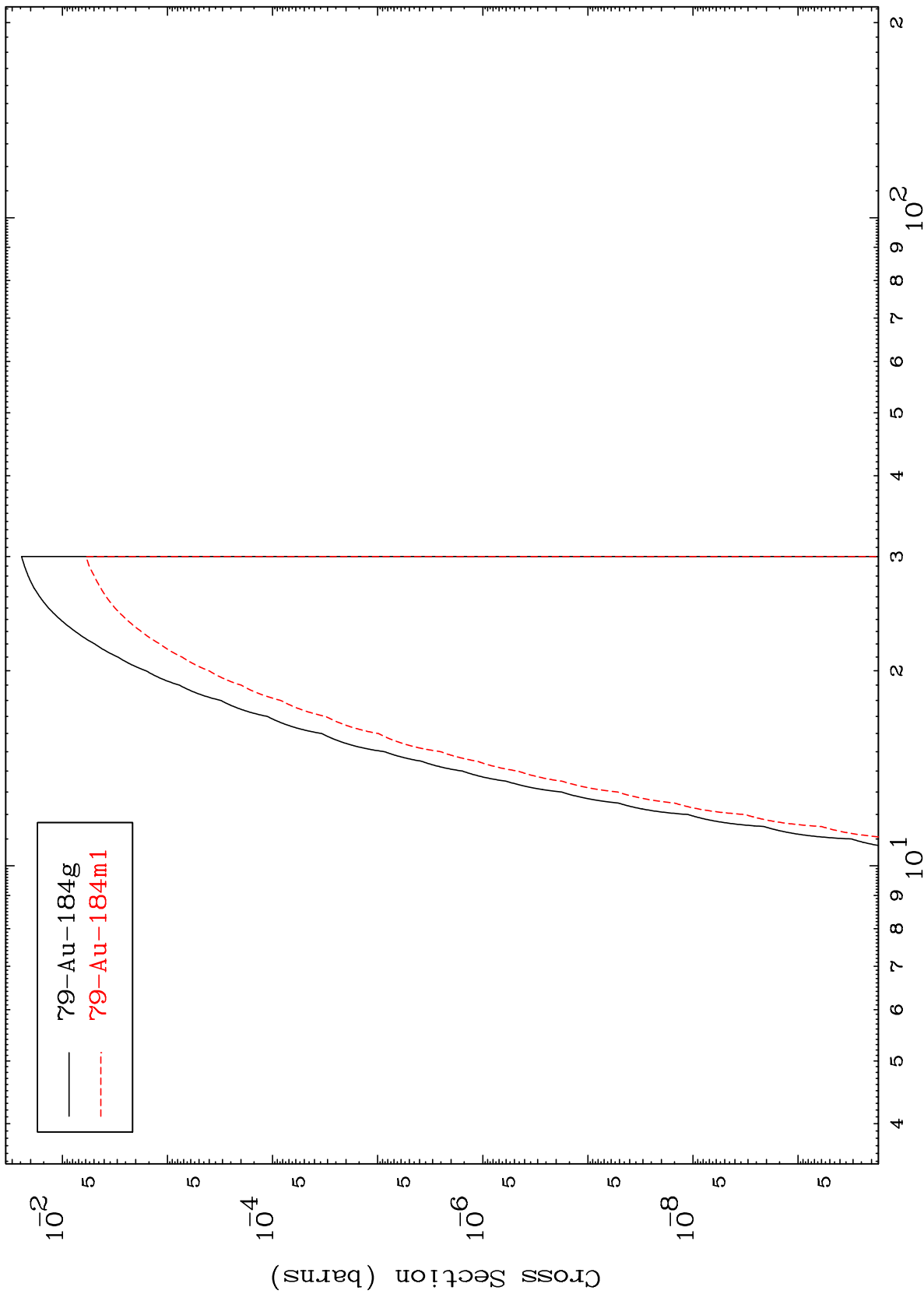
81-Tl-186

MAT 8075

(n,2n) p

81-Tl-186

Radionuclide Production Cross Section



22

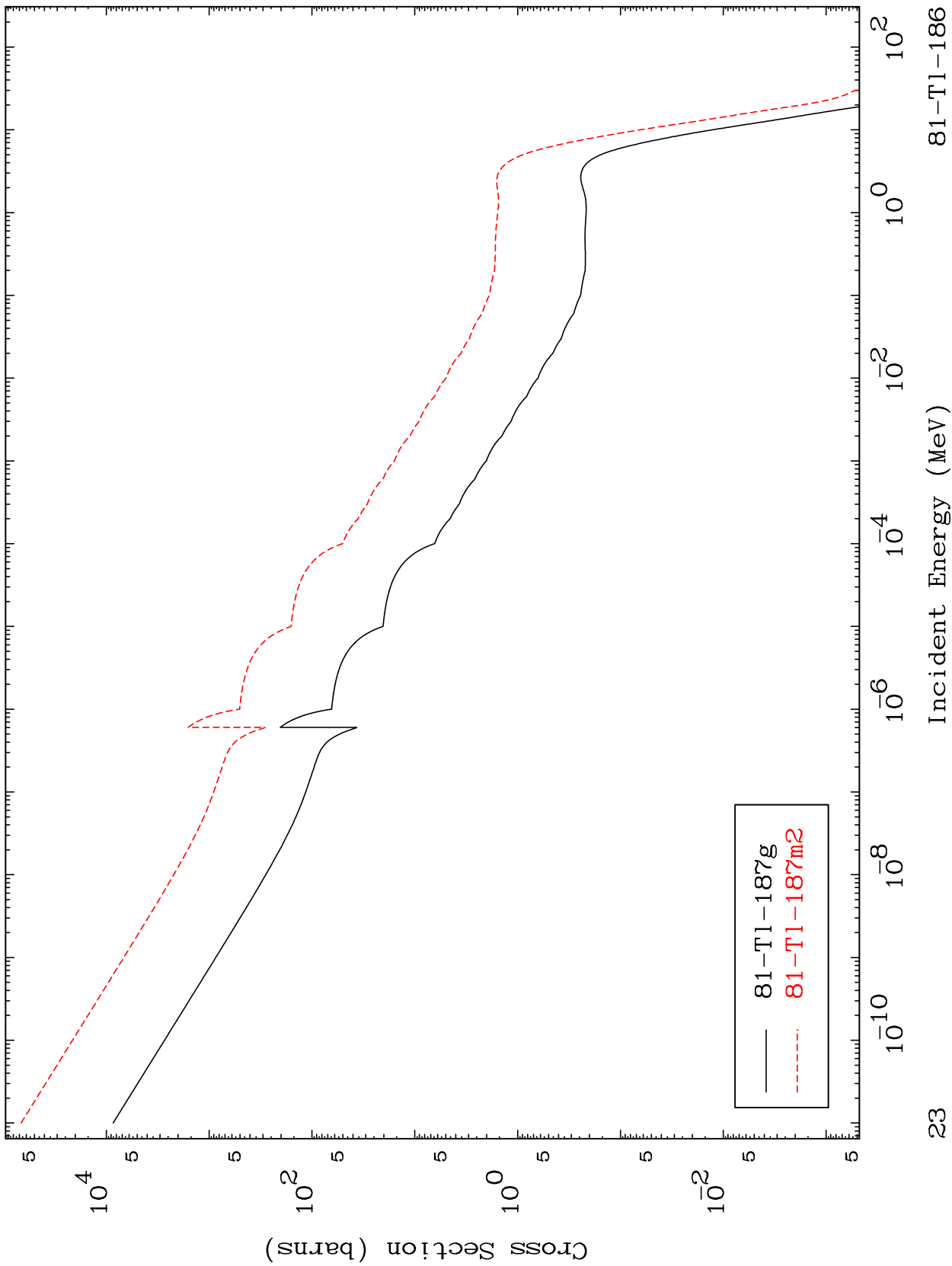
Incident Energy (MeV)

81-Tl-186

MAT 8075

81-Tl-186

(n,γ)
Radionuclide Production Cross Section

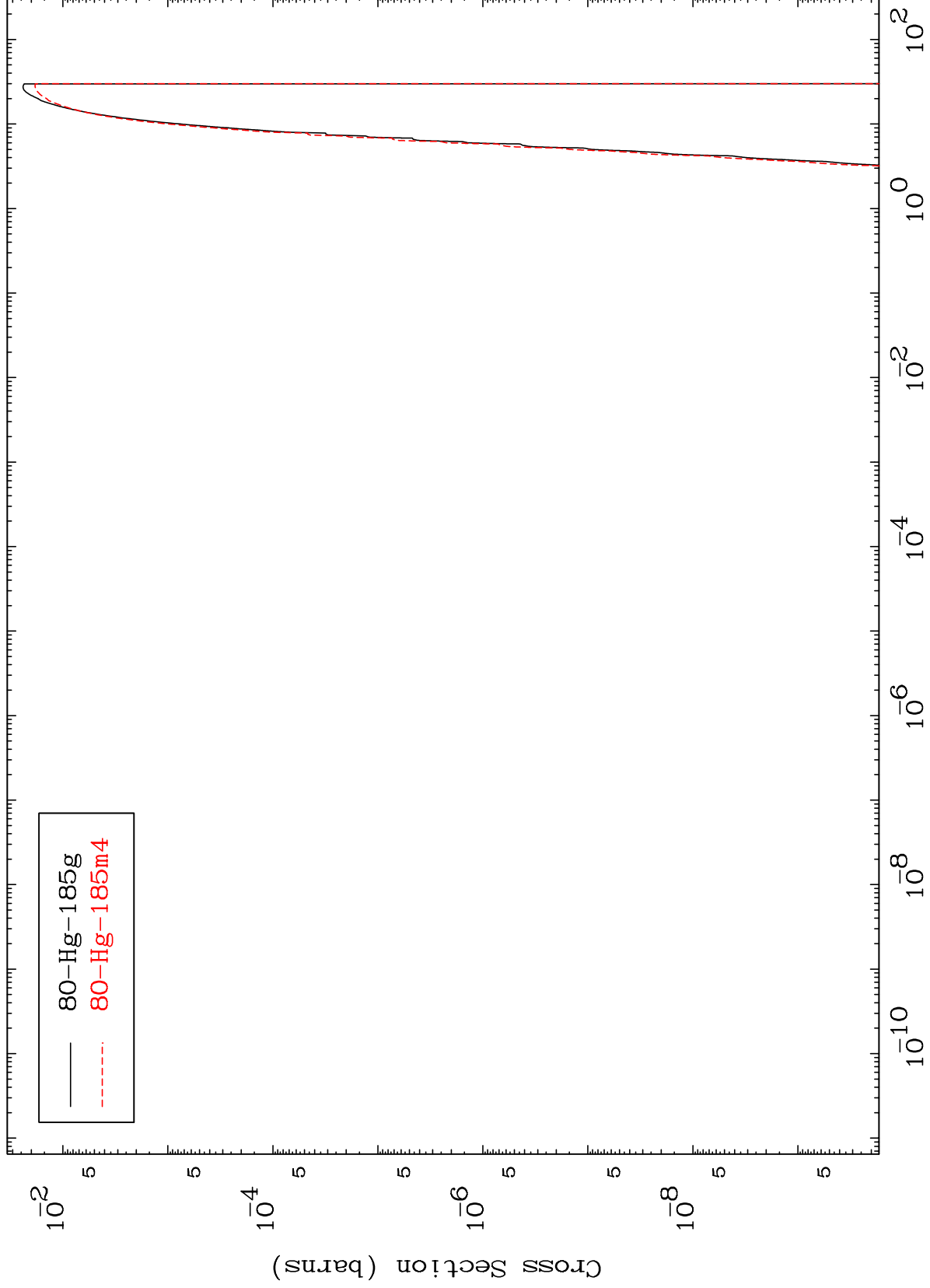


MAT 8075

(n,d)

81-Tl-186

Radionuclide Production Cross Section



24

Incident Energy (MeV)

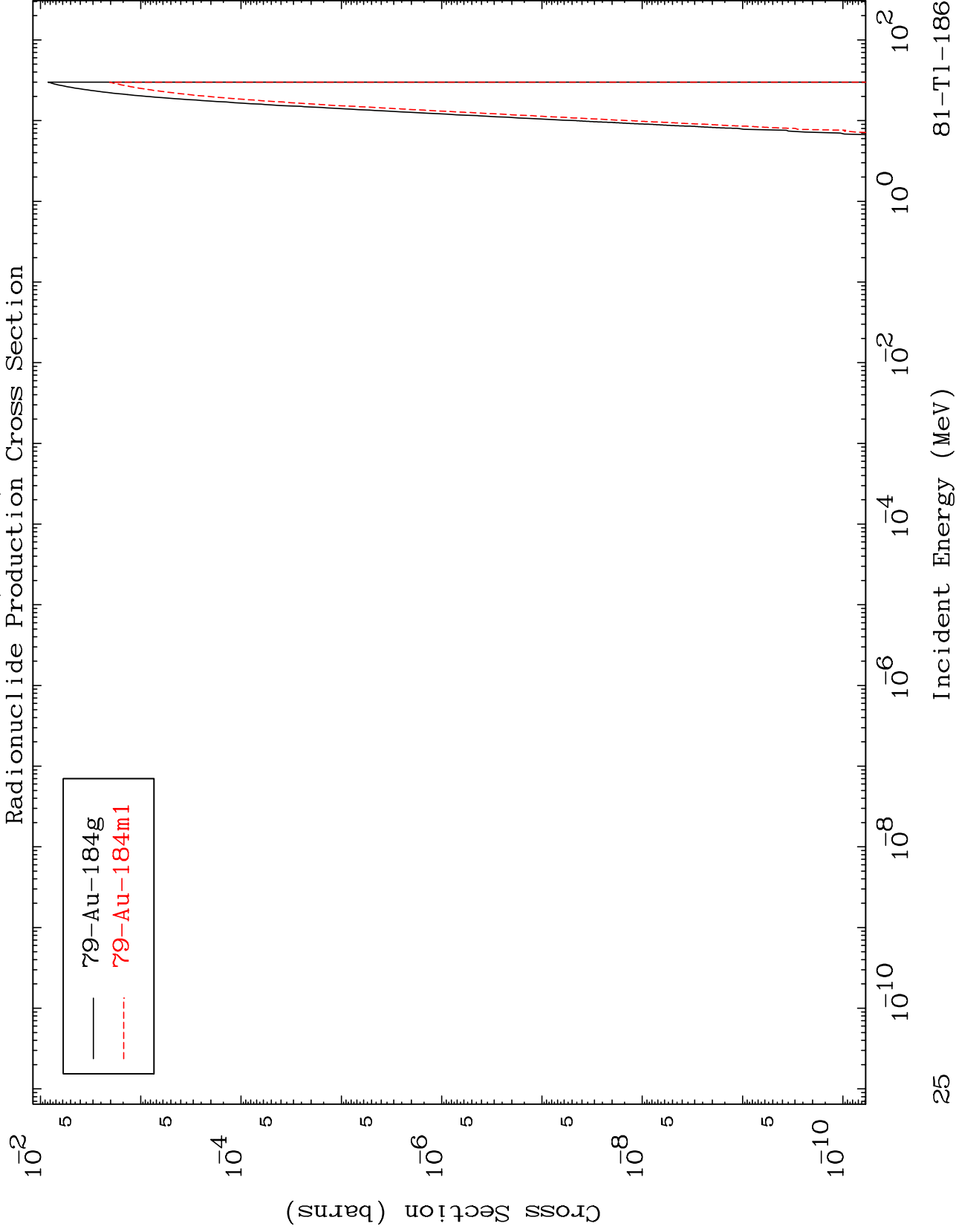
81-Tl-186

MAT 8075

(n,He-3)

81-Tl-186

Radionuclide Production Cross Section



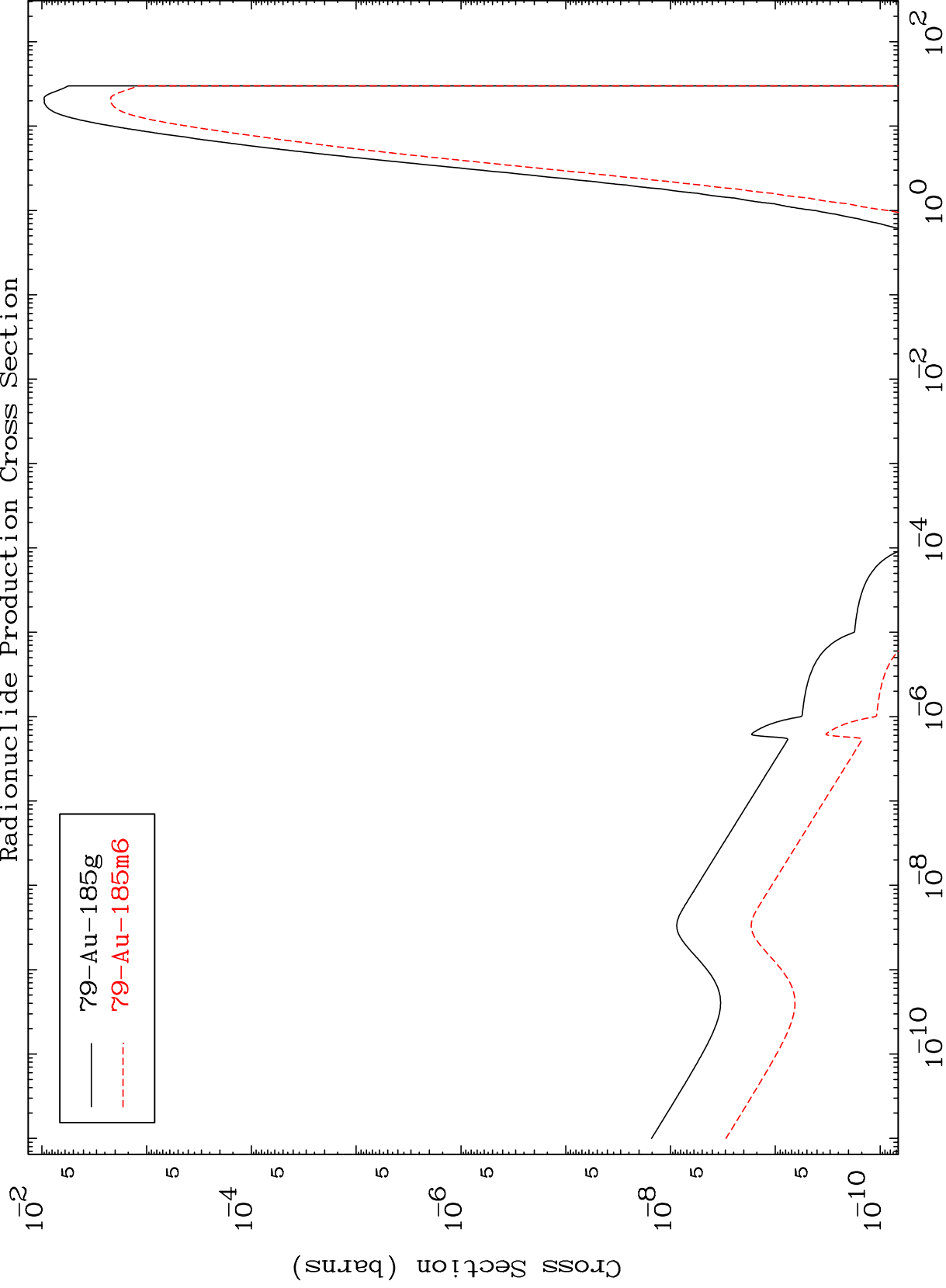
79-Au-184g
79-Au-184m1

MAT 8075

(n,2p)

81-Tl-186

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-186

26

MAT 8075

(n,p) d

81-Tl-186

Radionuclide Production Cross Section

