

Program EVALPLOT
(Version 2018-1)

by

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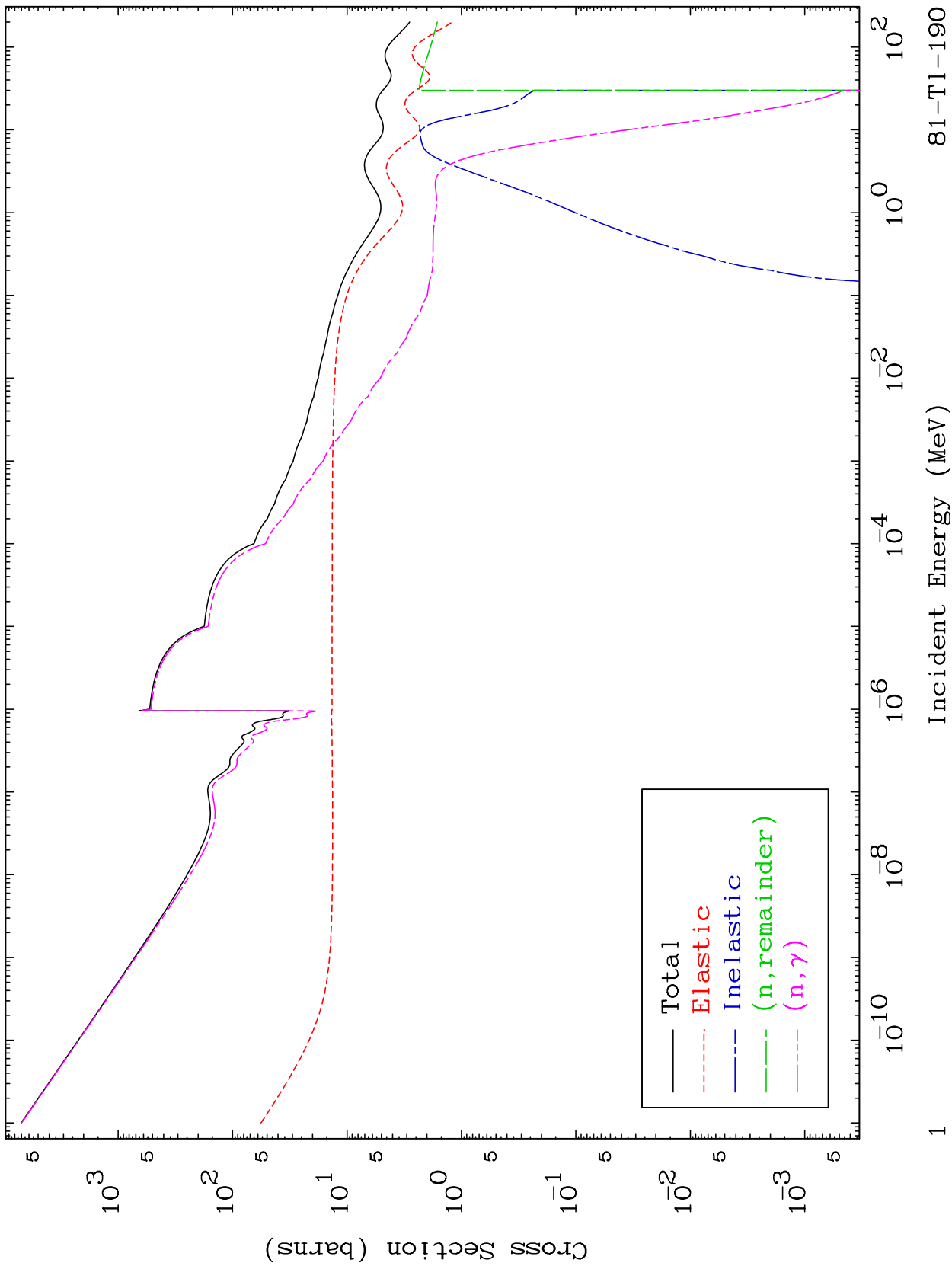
Press Mouse Button to Start

MAT 8086

Major

293 Kelvin Cross Sections

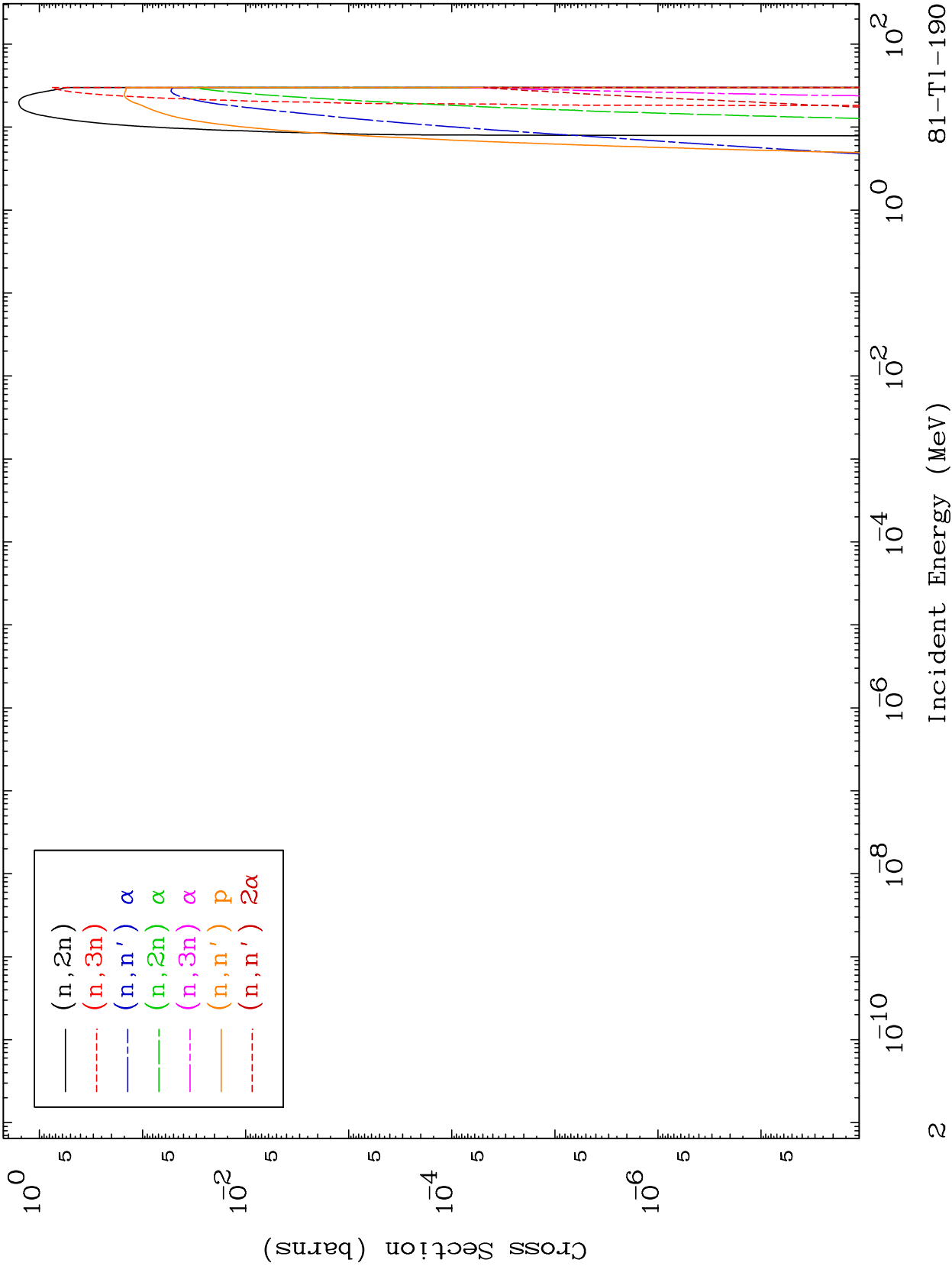
81-Tl-190



MAT 8086

Neutron Production
293 Kelvin Cross Sections

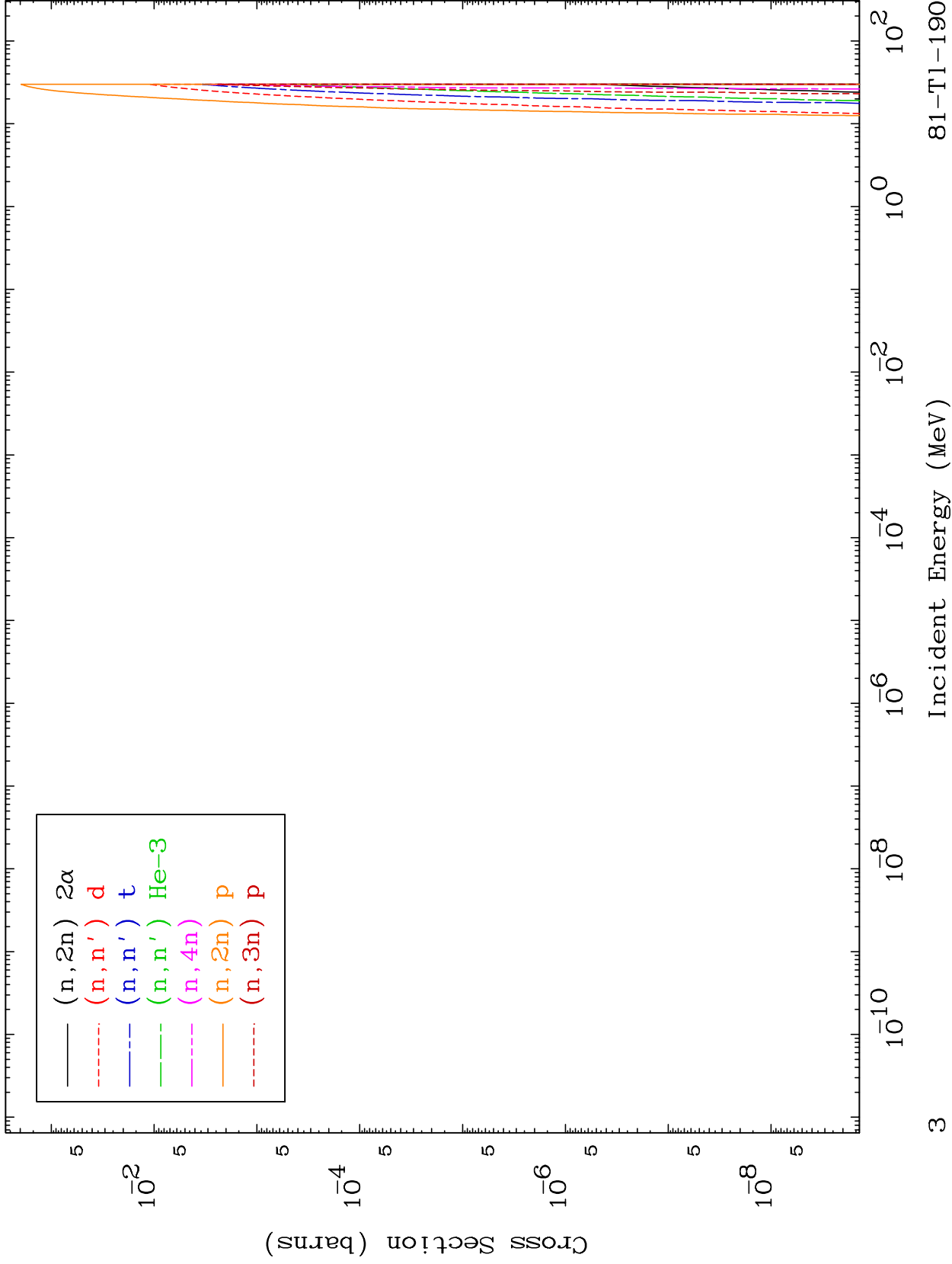
81-Tl-190



MAT 8086

Neutron Production
293 Kelvin Cross Sections

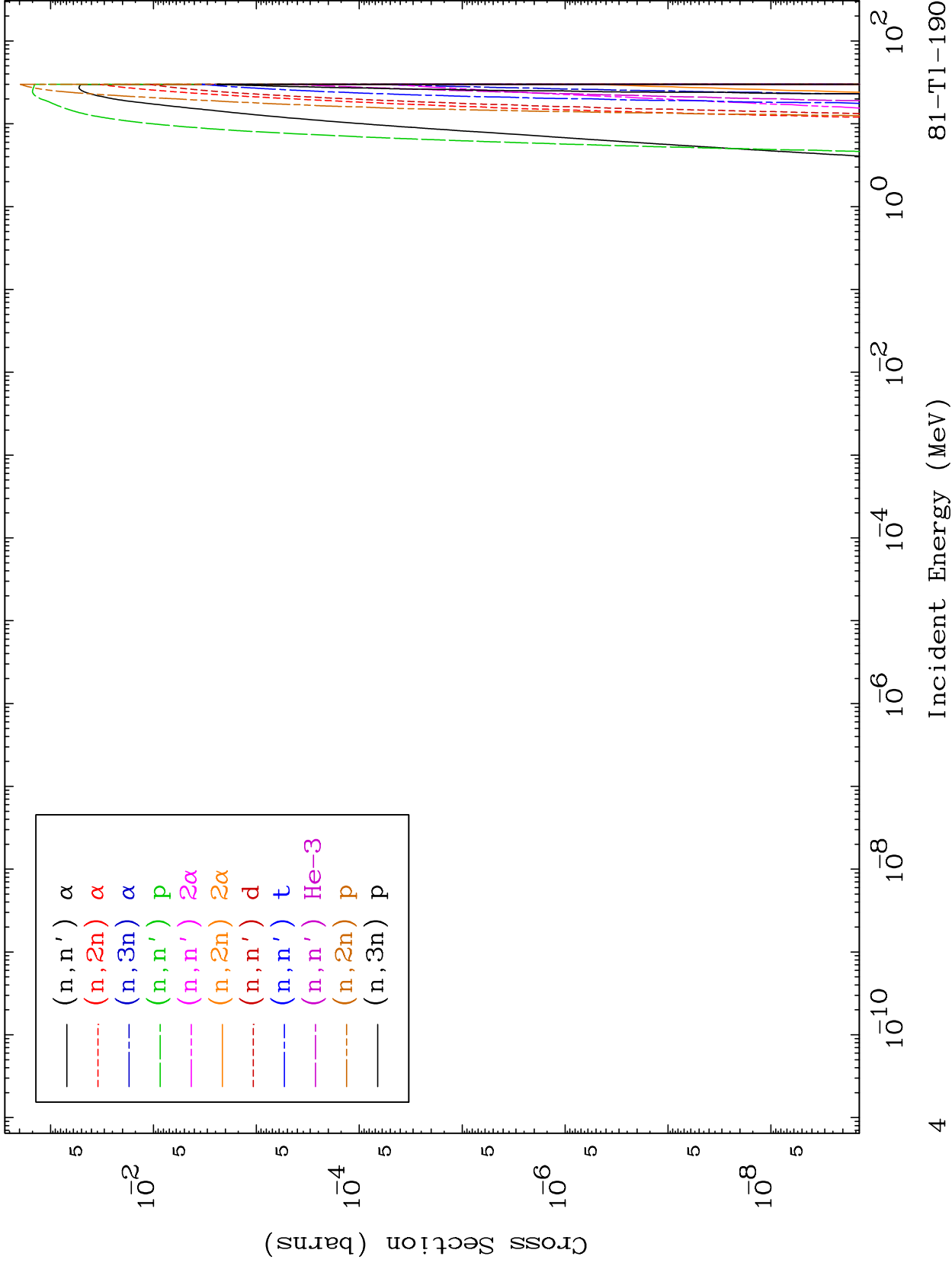
81-Tl-190



MAT 8086

Charged Particle
293 Kelvin Cross Sections

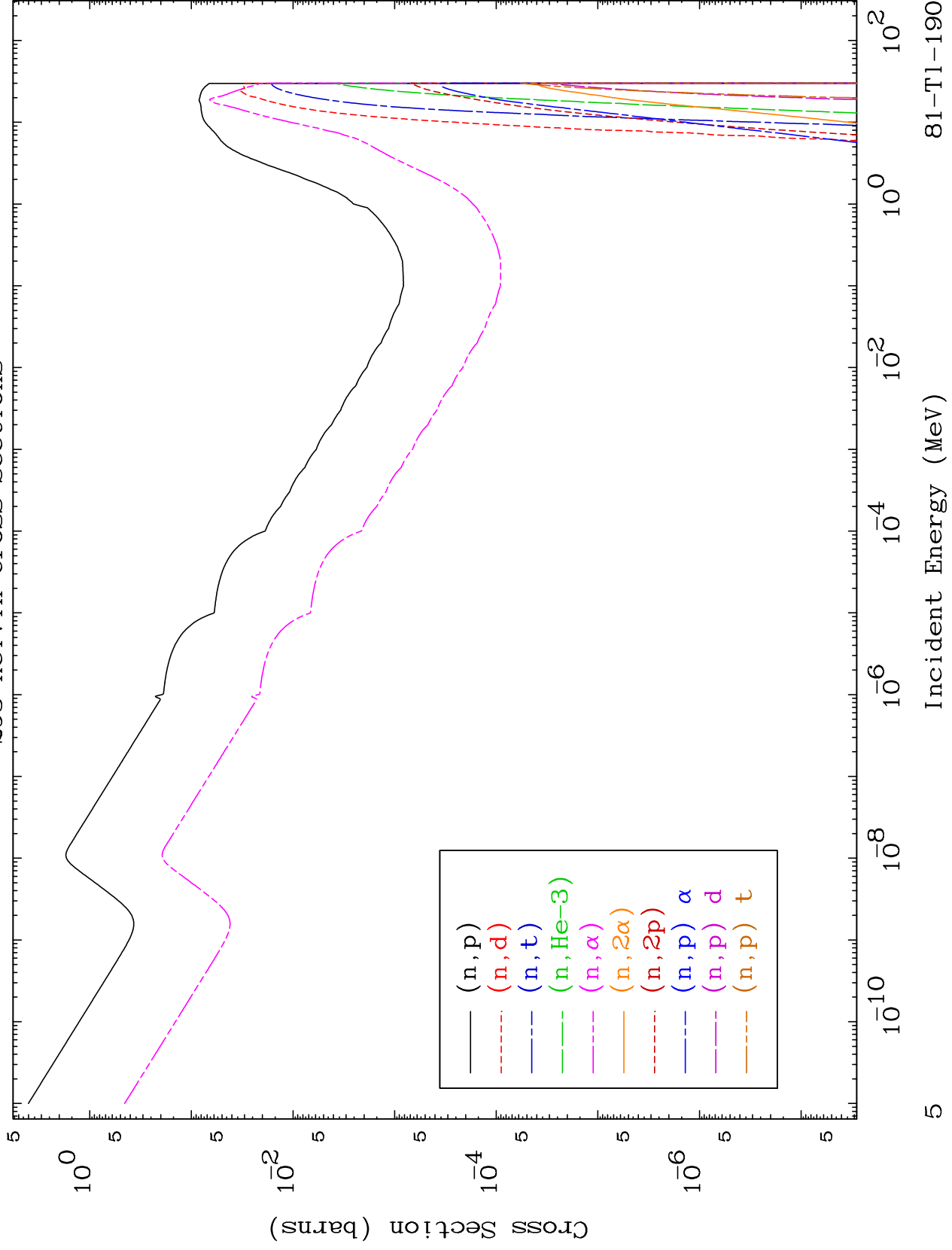
81-Tl-190

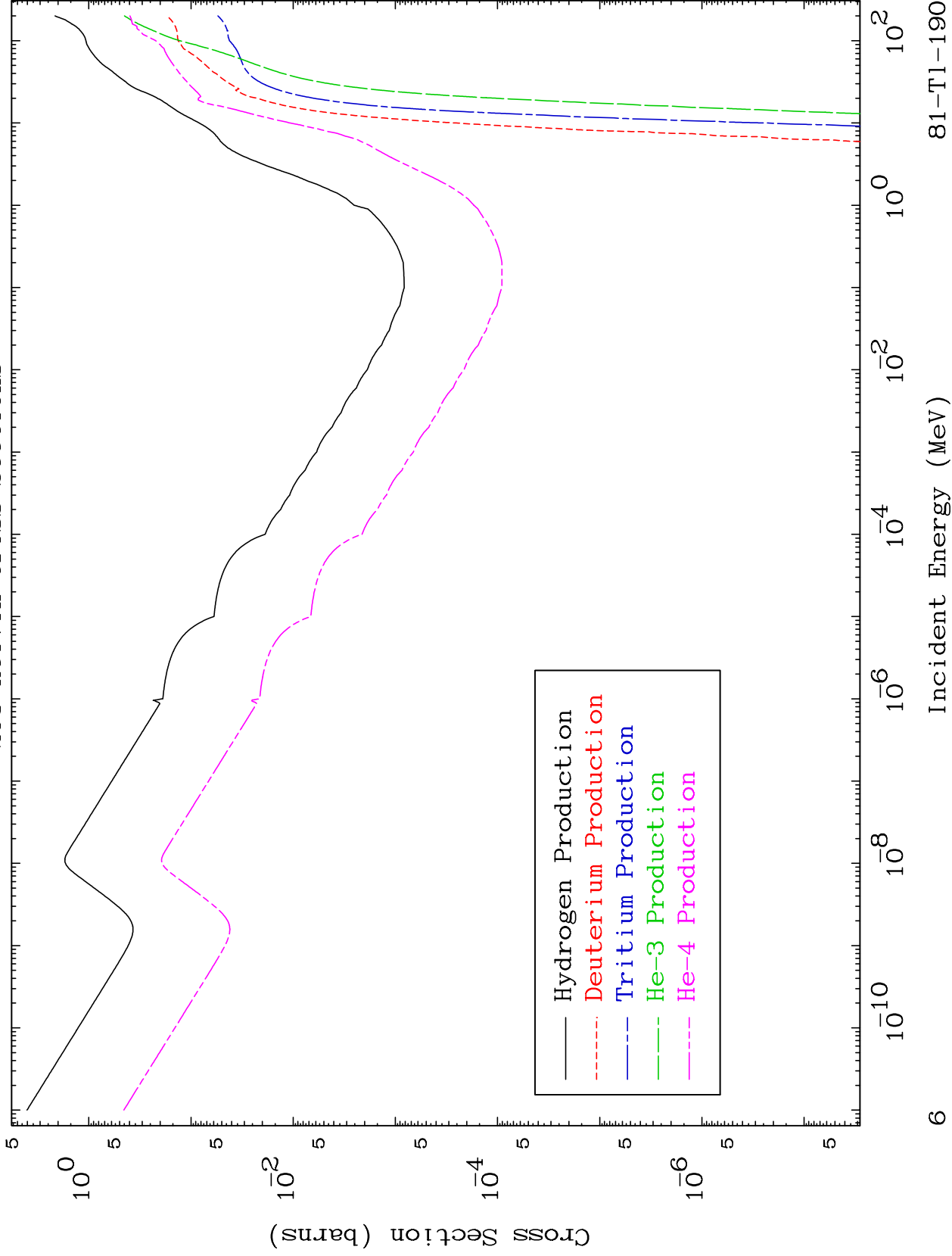


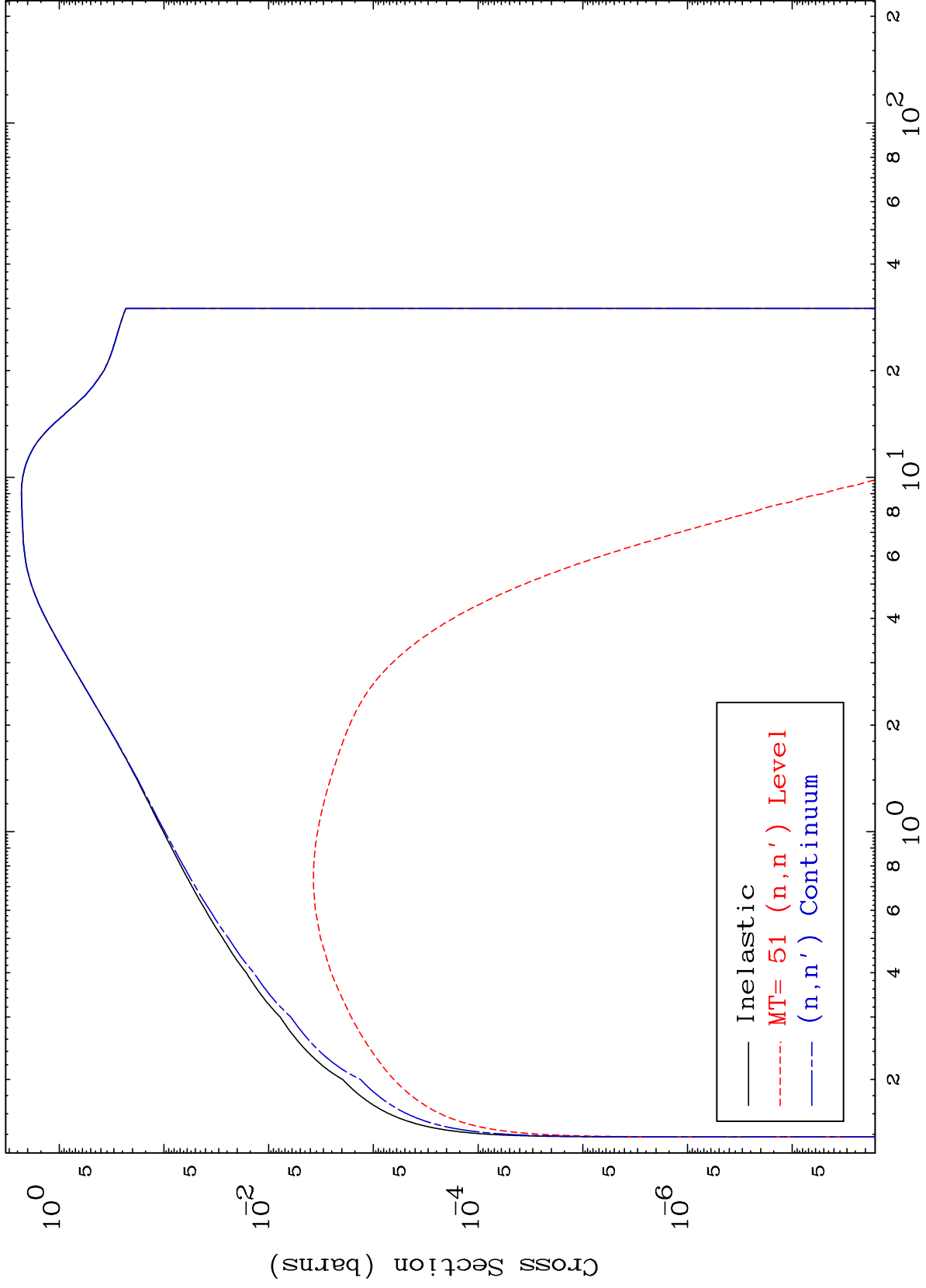
MAT 8086

Charged Particle
293 Kelvin Cross Sections

81-Tl-190



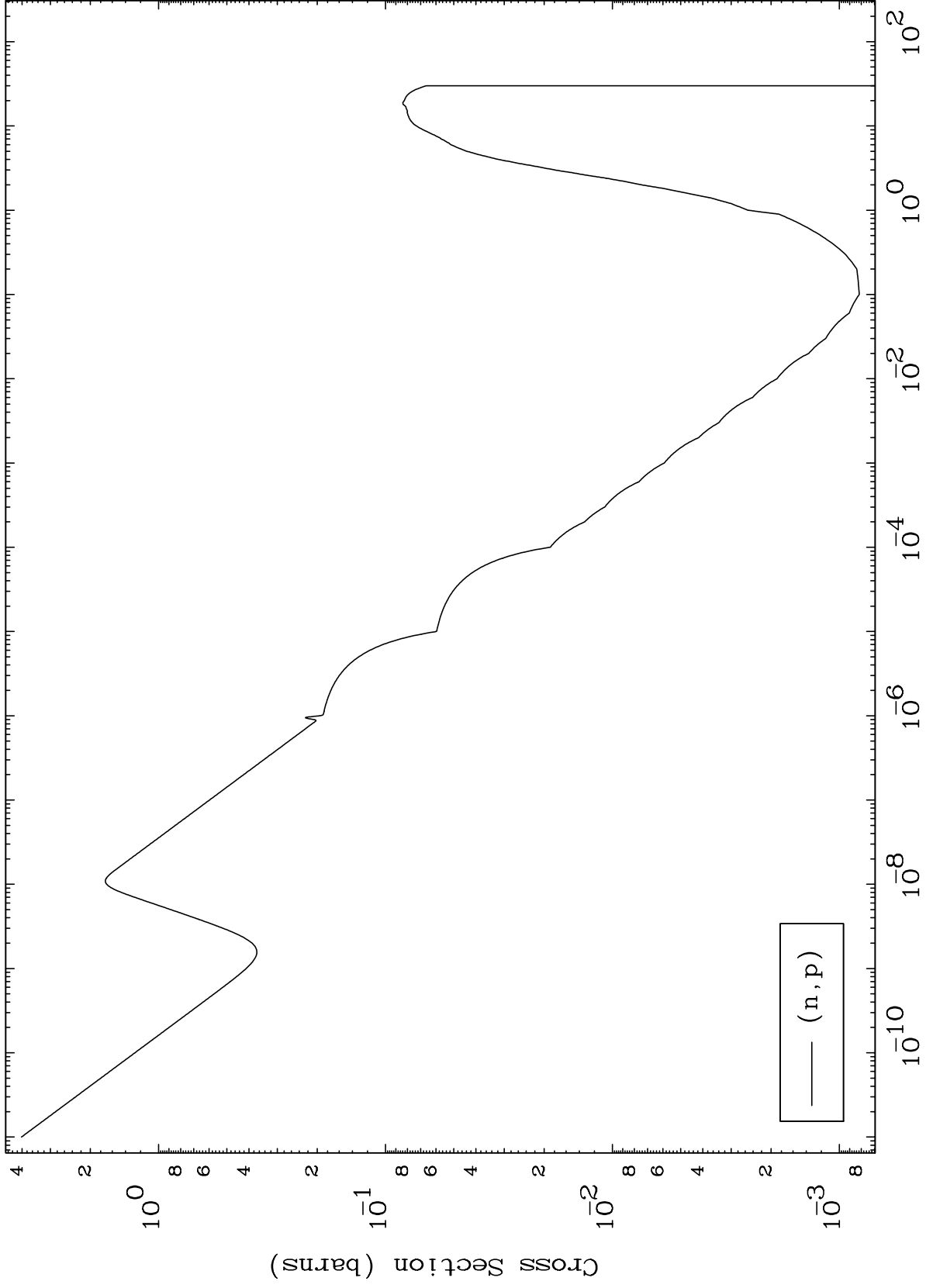




MAT 8086

(n,p) Levels
293 Kelvin Cross Sections

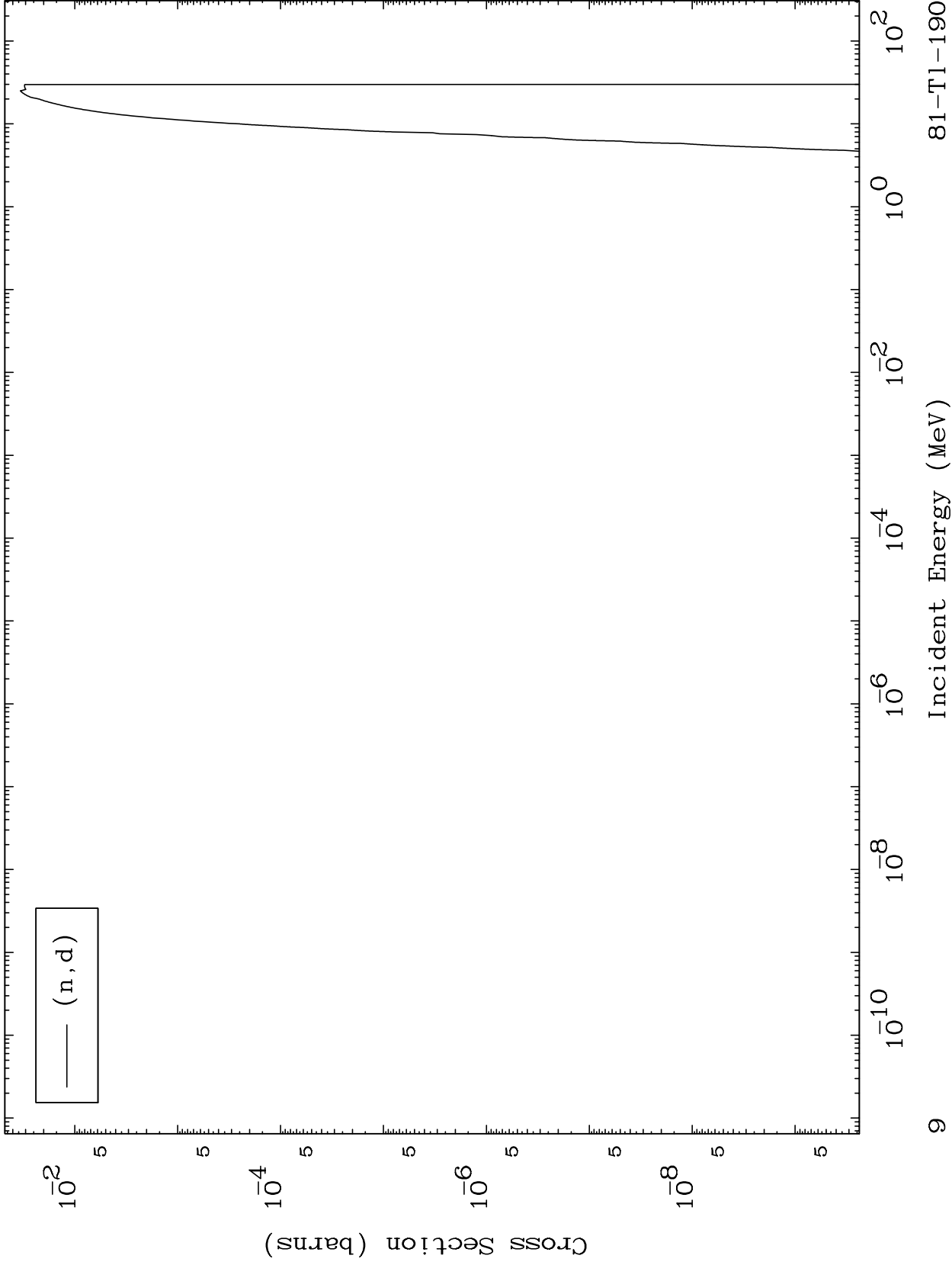
81-Tl-190



MAT 8086

(n,d) Levels
293 Kelvin Cross Sections

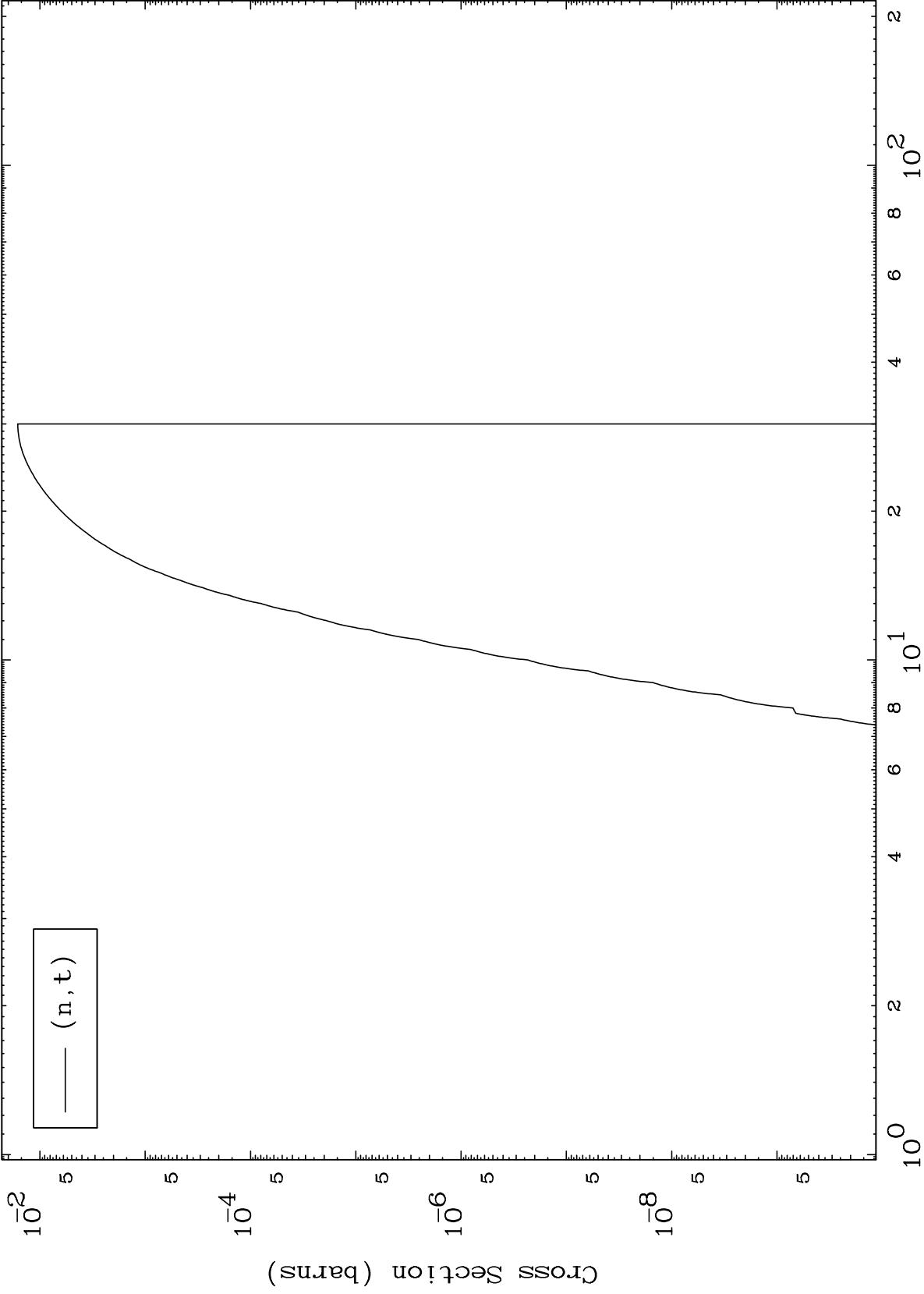
81-Tl-190



MAT 8086

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-190



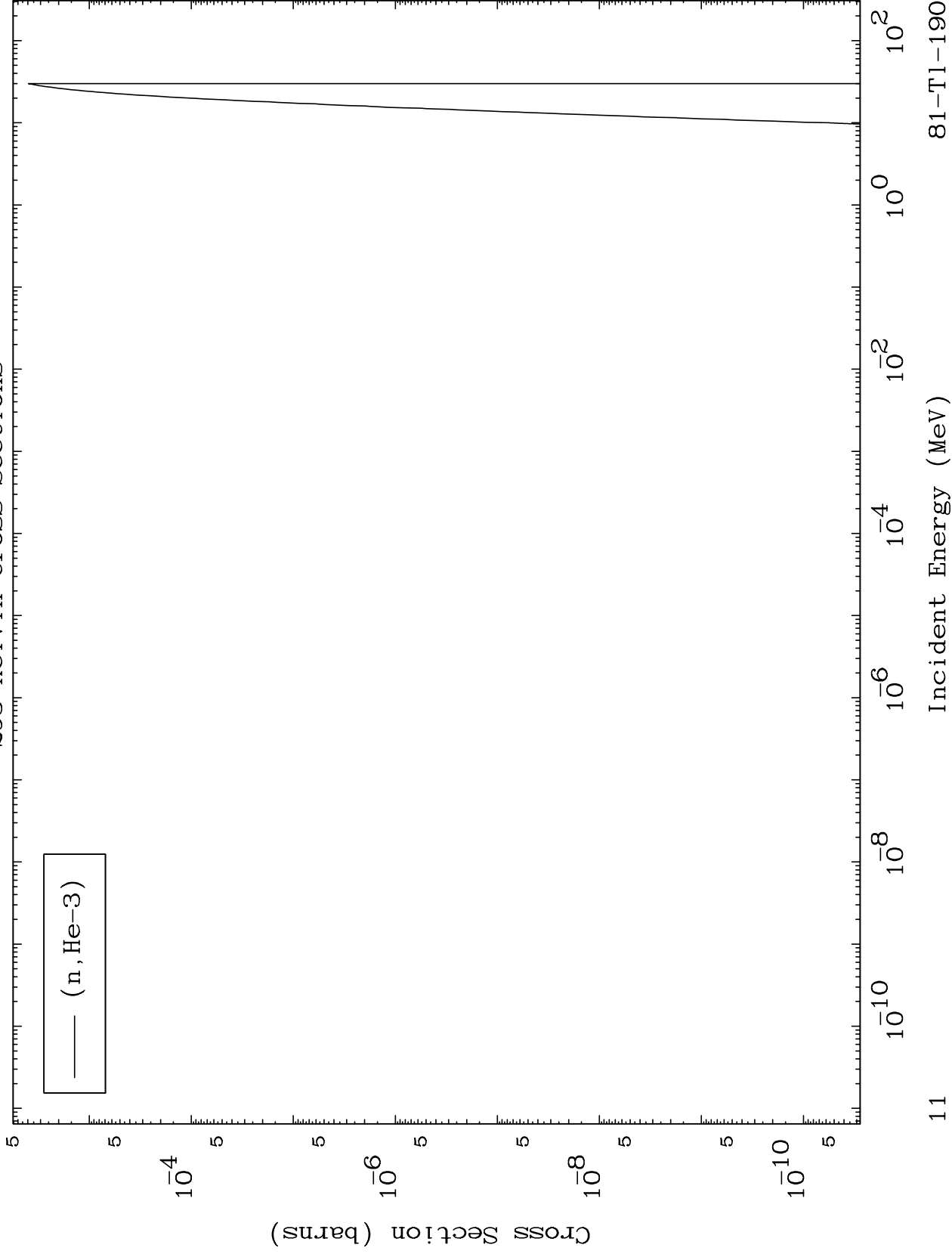
Incident Energy (MeV)

81-Tl-190

MAT 8086

(n,He3) Levels
293 Kelvin Cross Sections

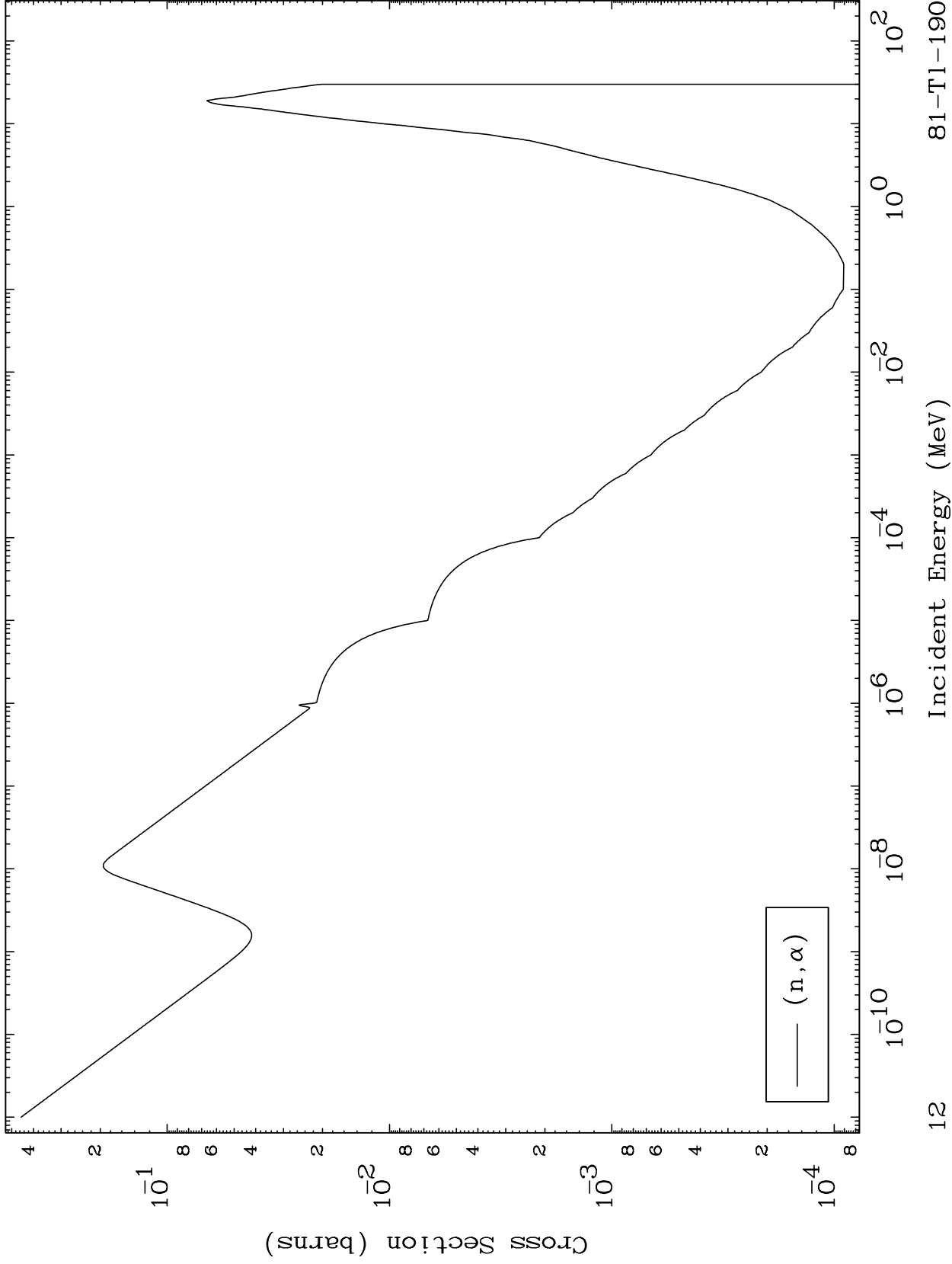
81-Tl-190

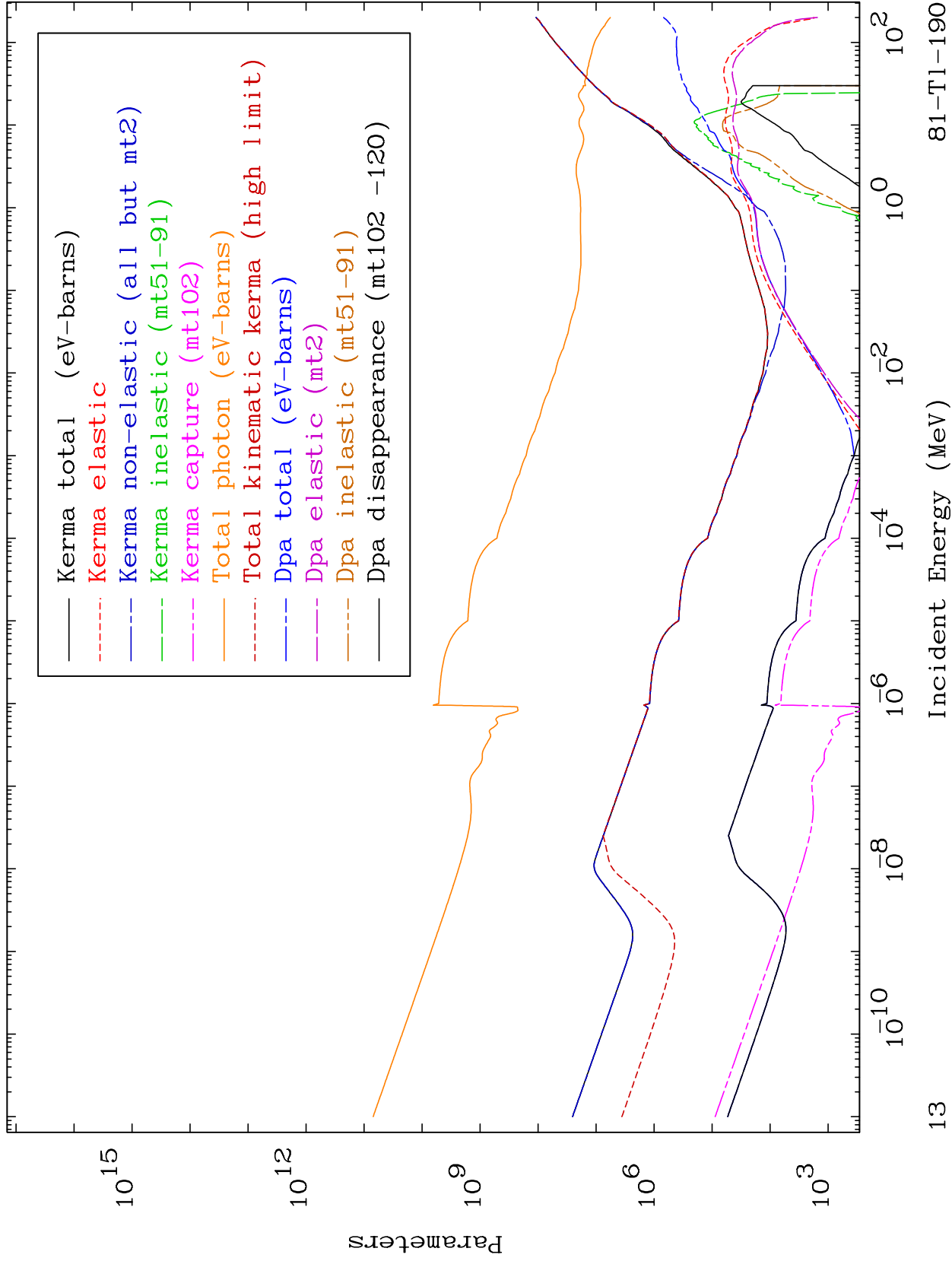


MAT 8086

(n,α) Levels
293 Kelvin Cross Sections

81-Tl-190

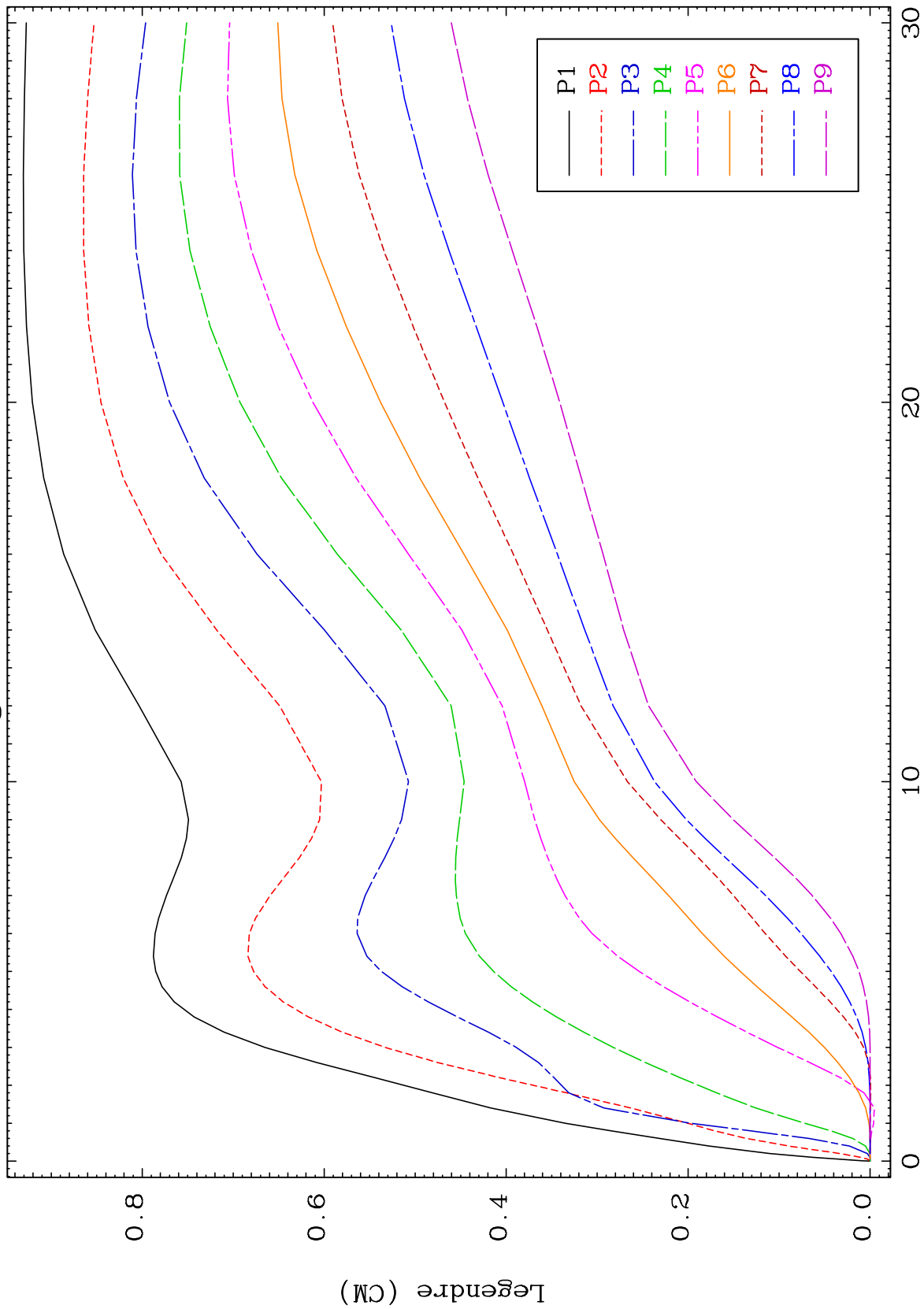




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Elastic Legendre Coefficients

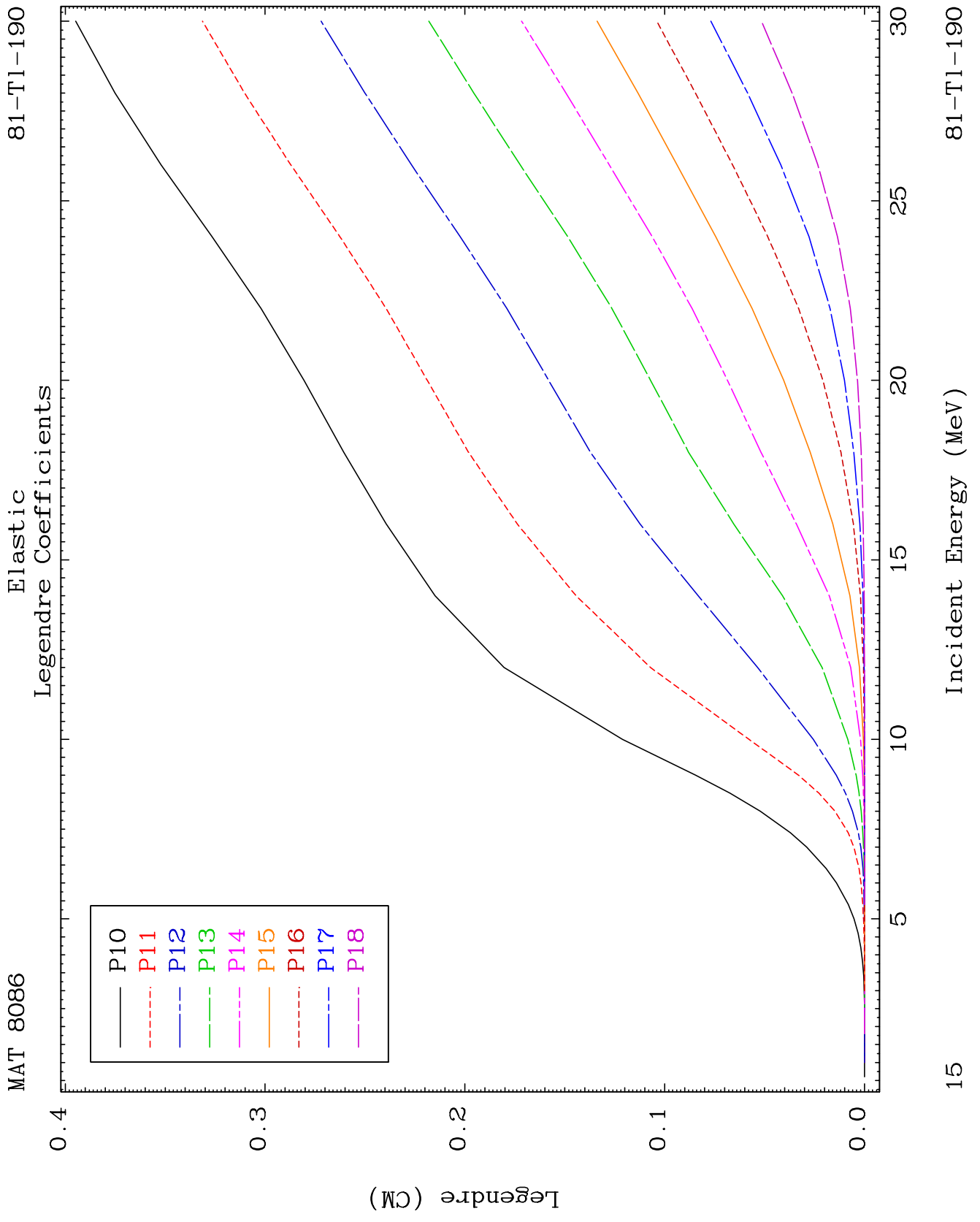
81-T1-190



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Incident Energy (MeV)

81-T1-190



81-Tl-190

81-Tl-190

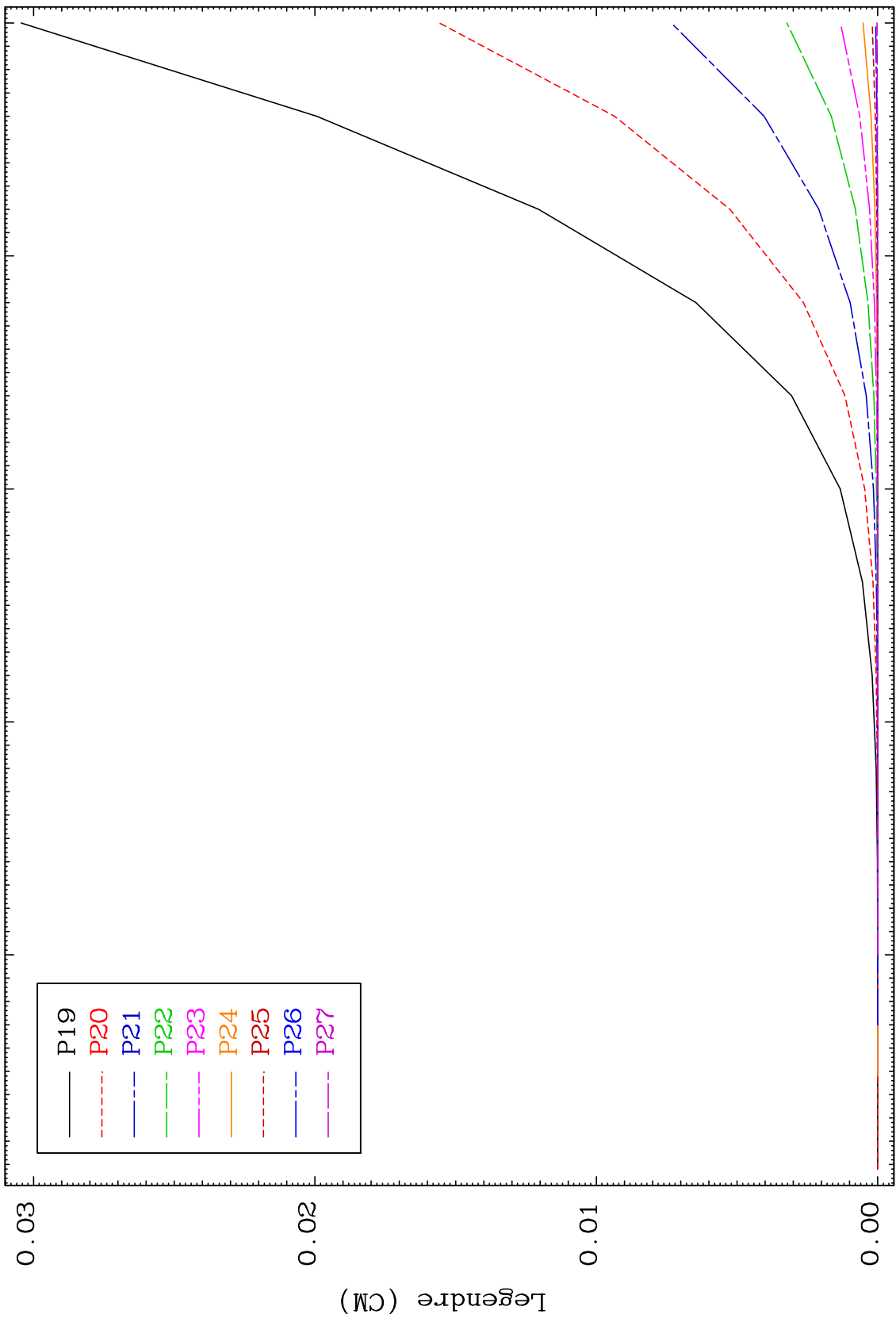
MAT 8086

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MAT 8086

Elastic Legendre Coefficients

81-Tl-190



16

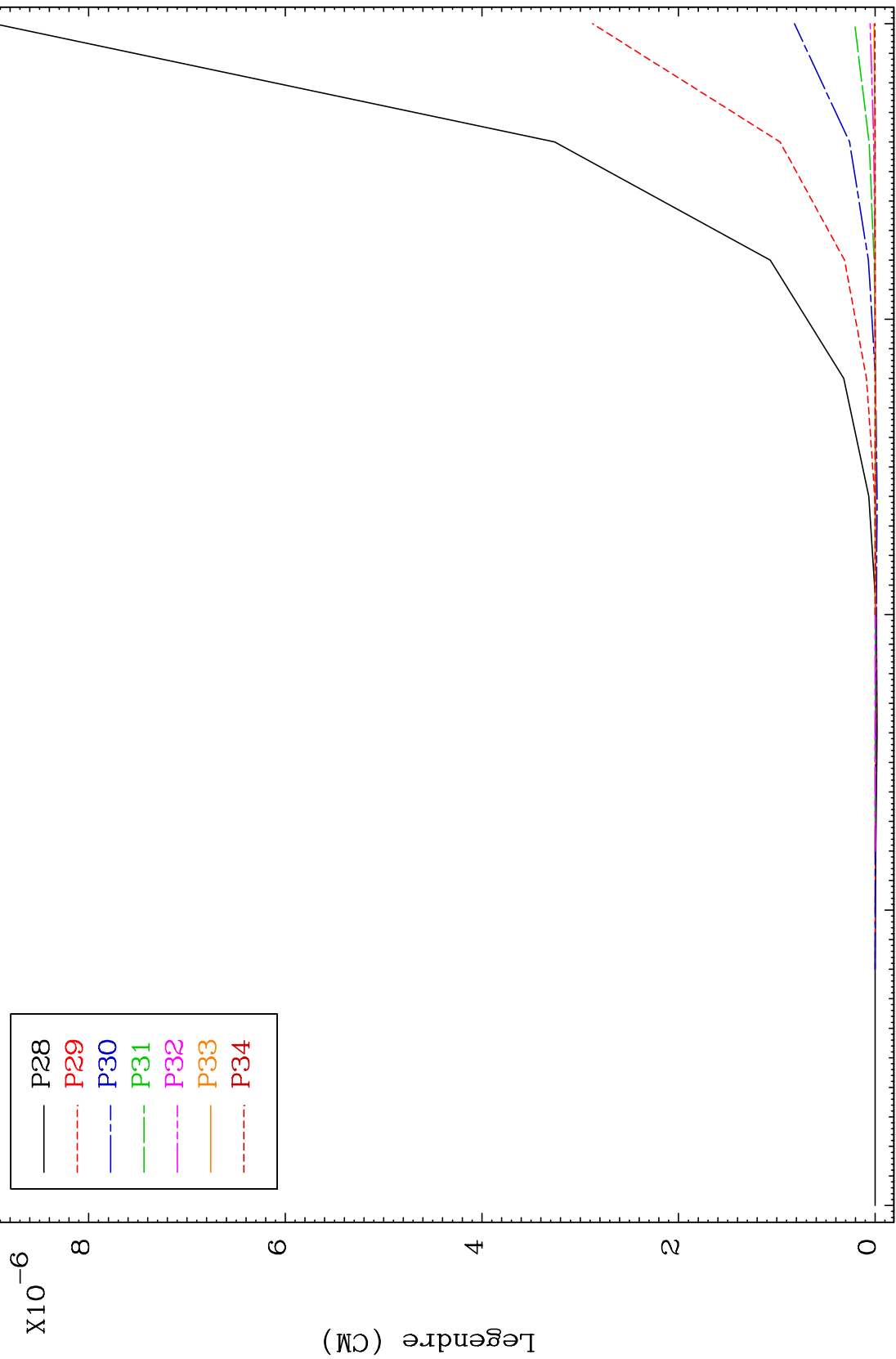
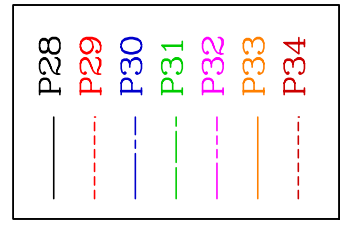
Incident Energy (MeV)

81-Tl-190

MAT 8086

Elastic Legendre Coefficients

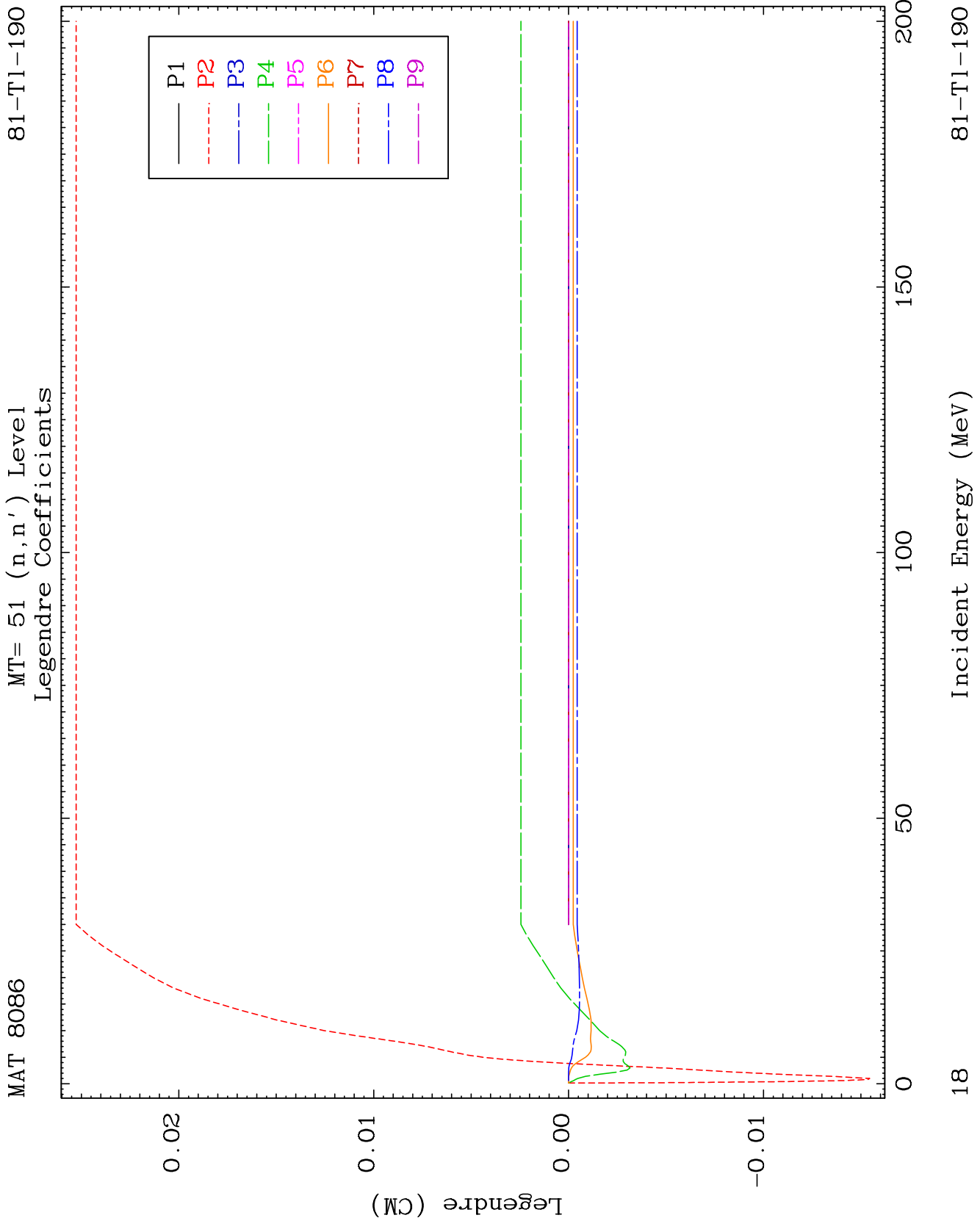
81-T1-190



17

Incident Energy (MeV)

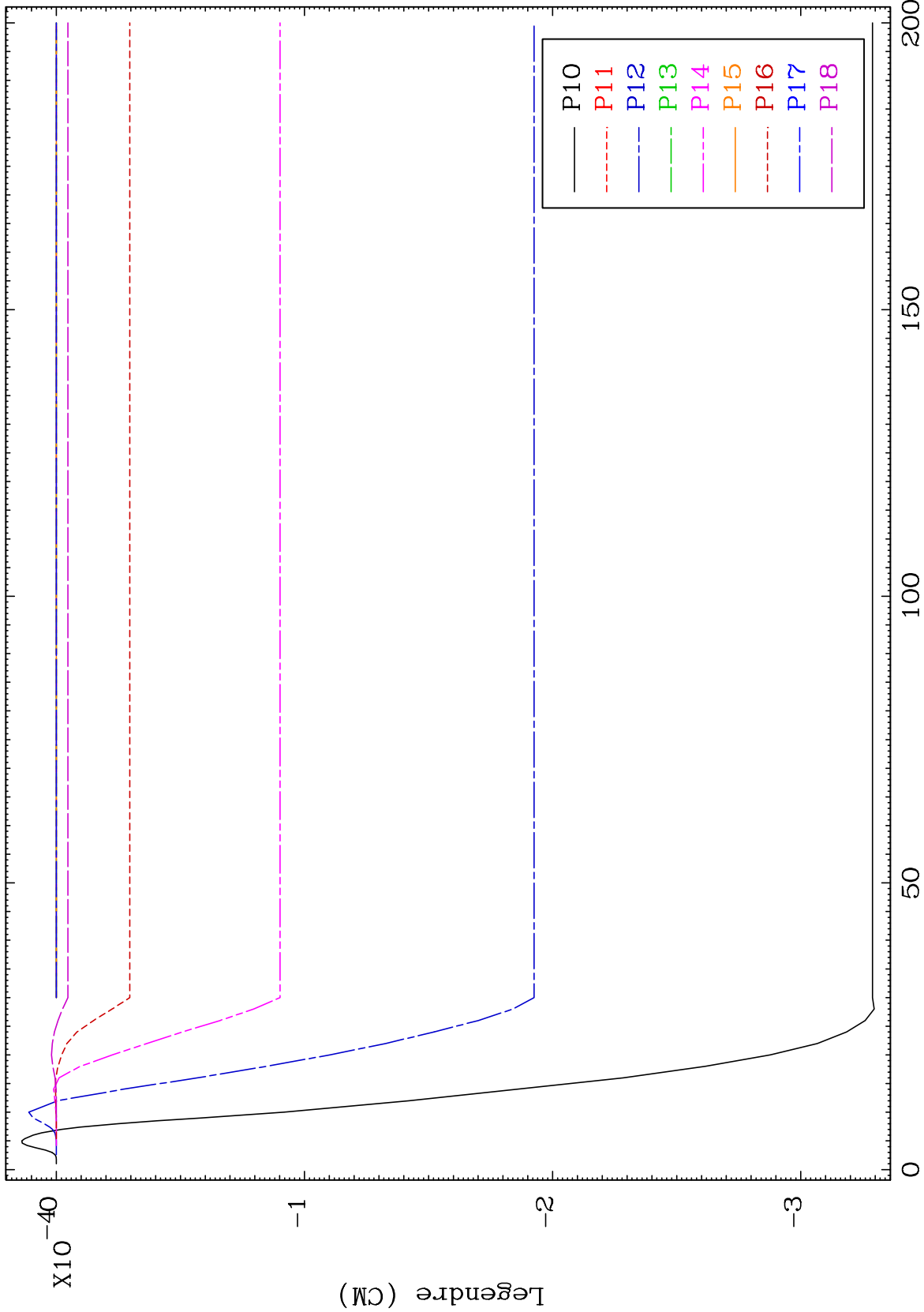
81-T1-190



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MT= 51 (n,n') Level
Legendre Coefficients

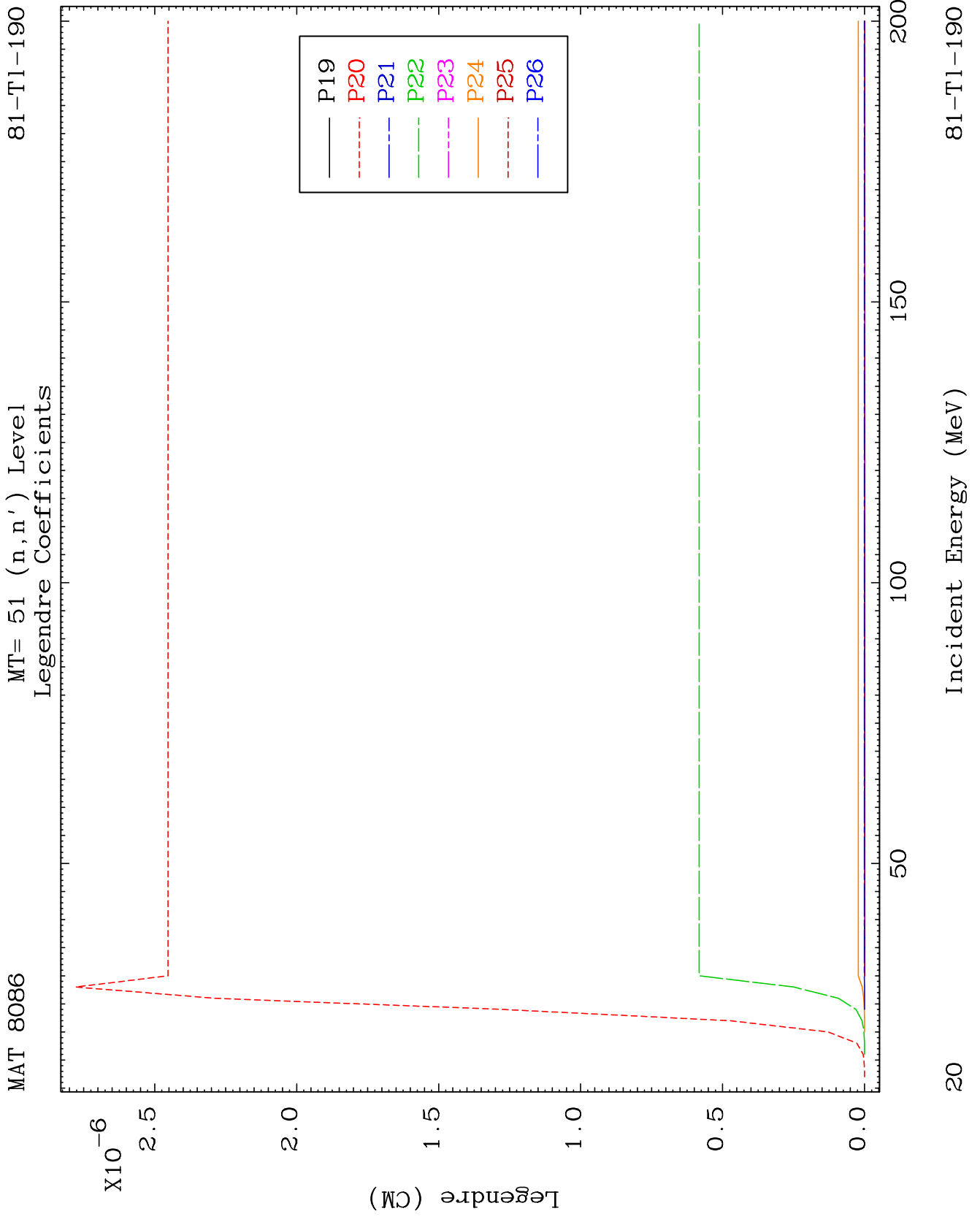
81-Tl-190



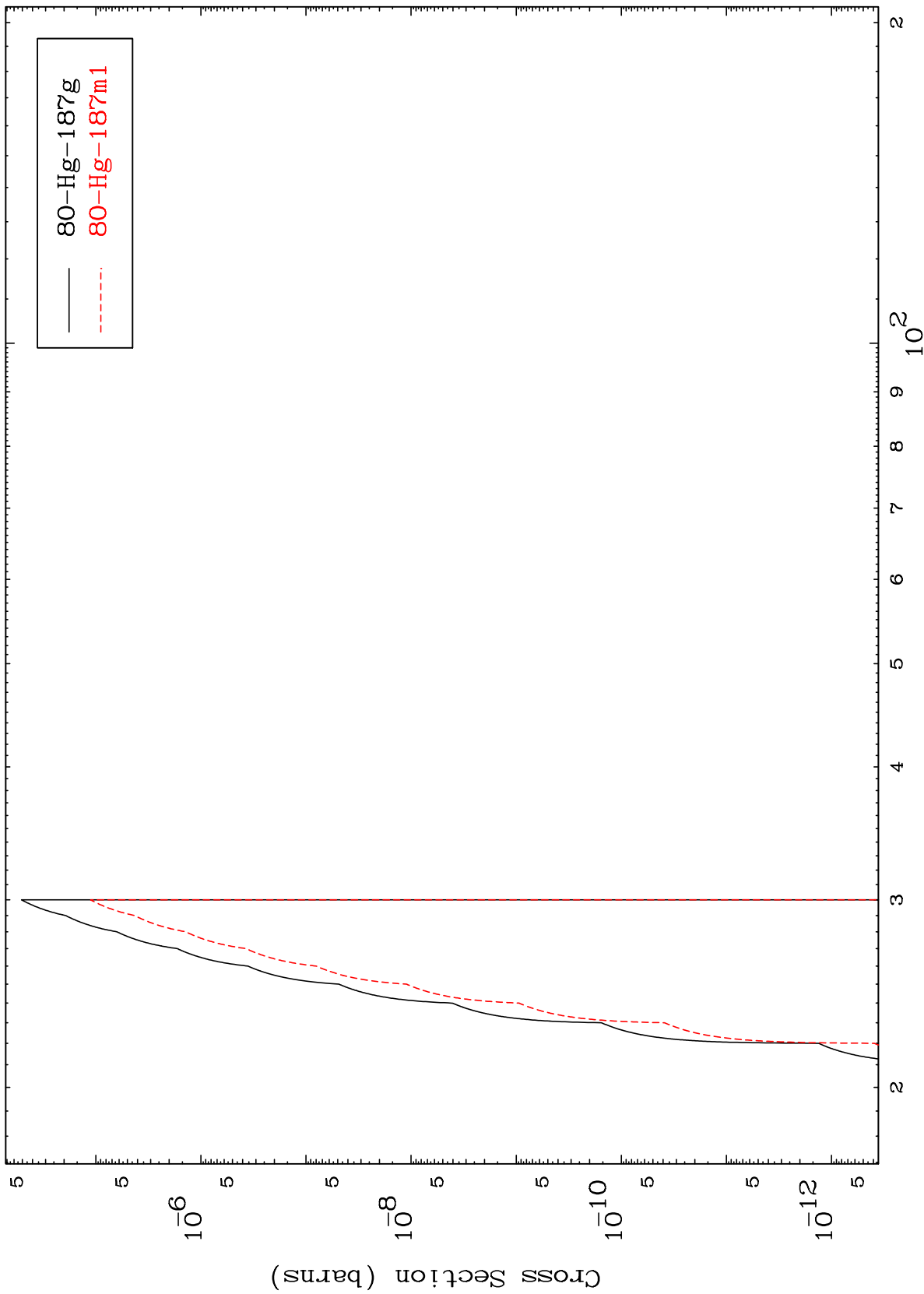
19

Incident Energy (MeV)

81-Tl-190



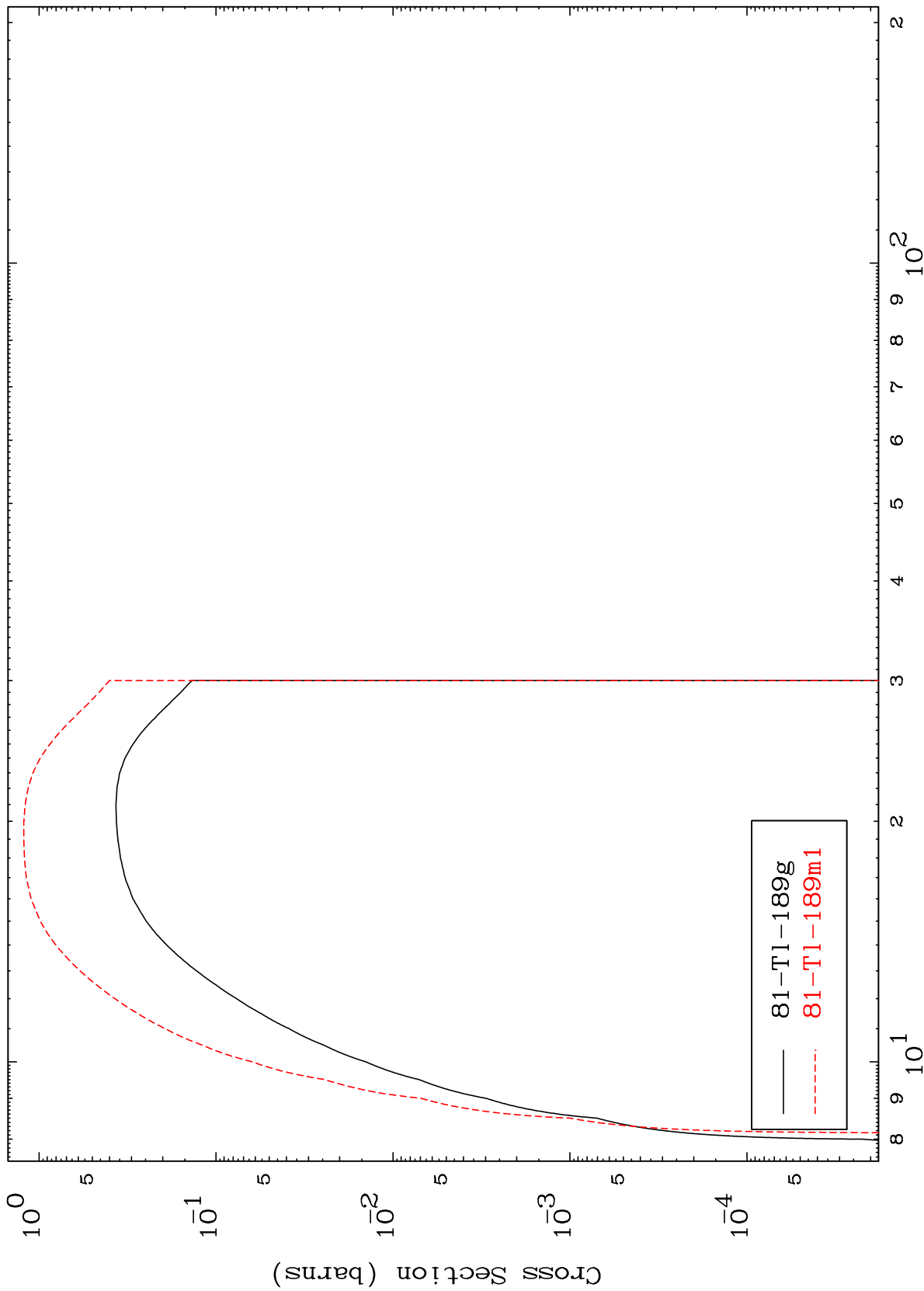
Radionuclide Production Cross Section



MAT 8086

81-Tl-190

Radionuclide Production Cross Section
(n,2n)

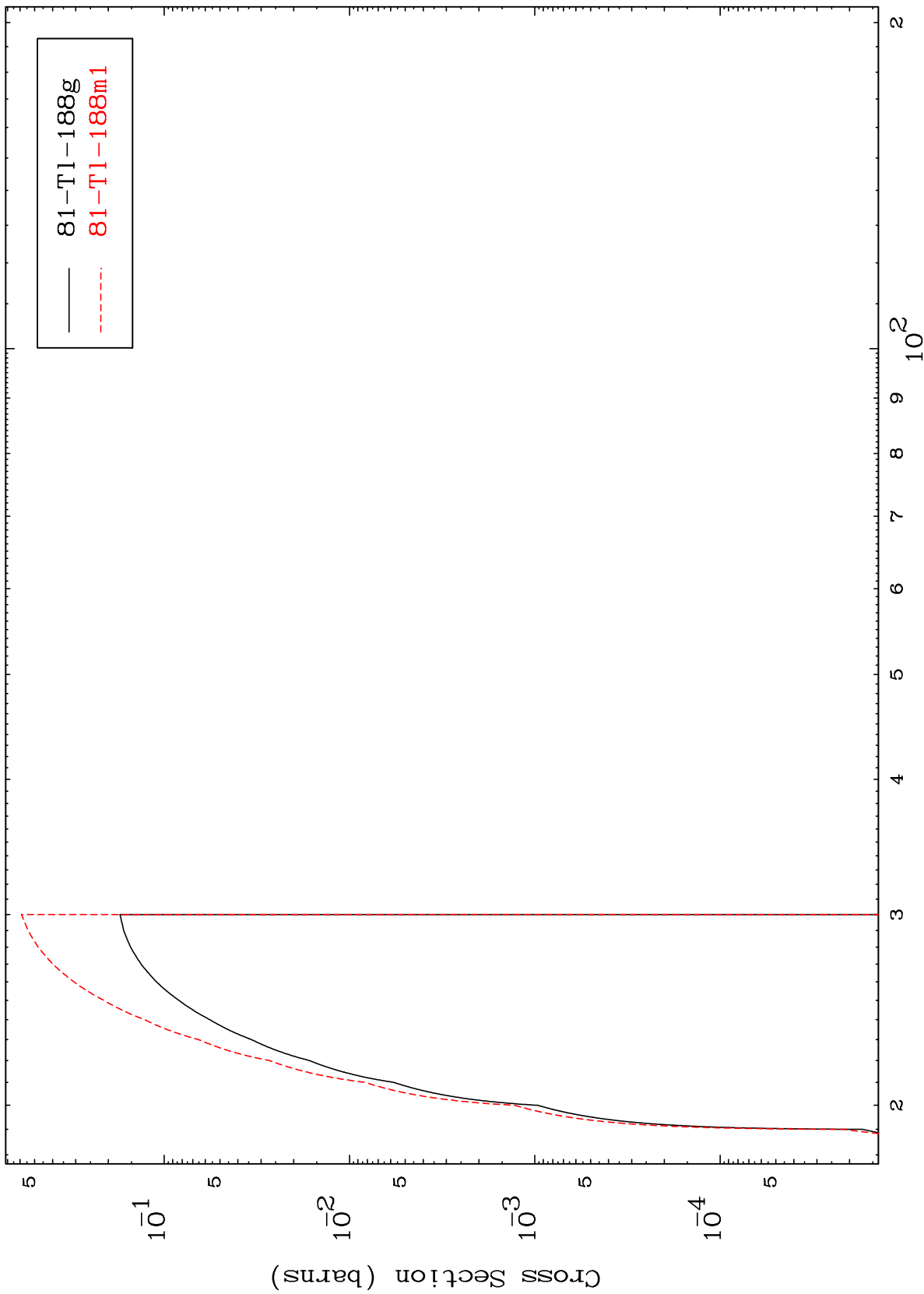


81-Tl-190

Incident Energy (MeV)

22

(n,3n)
Radionuclide Production Cross Section



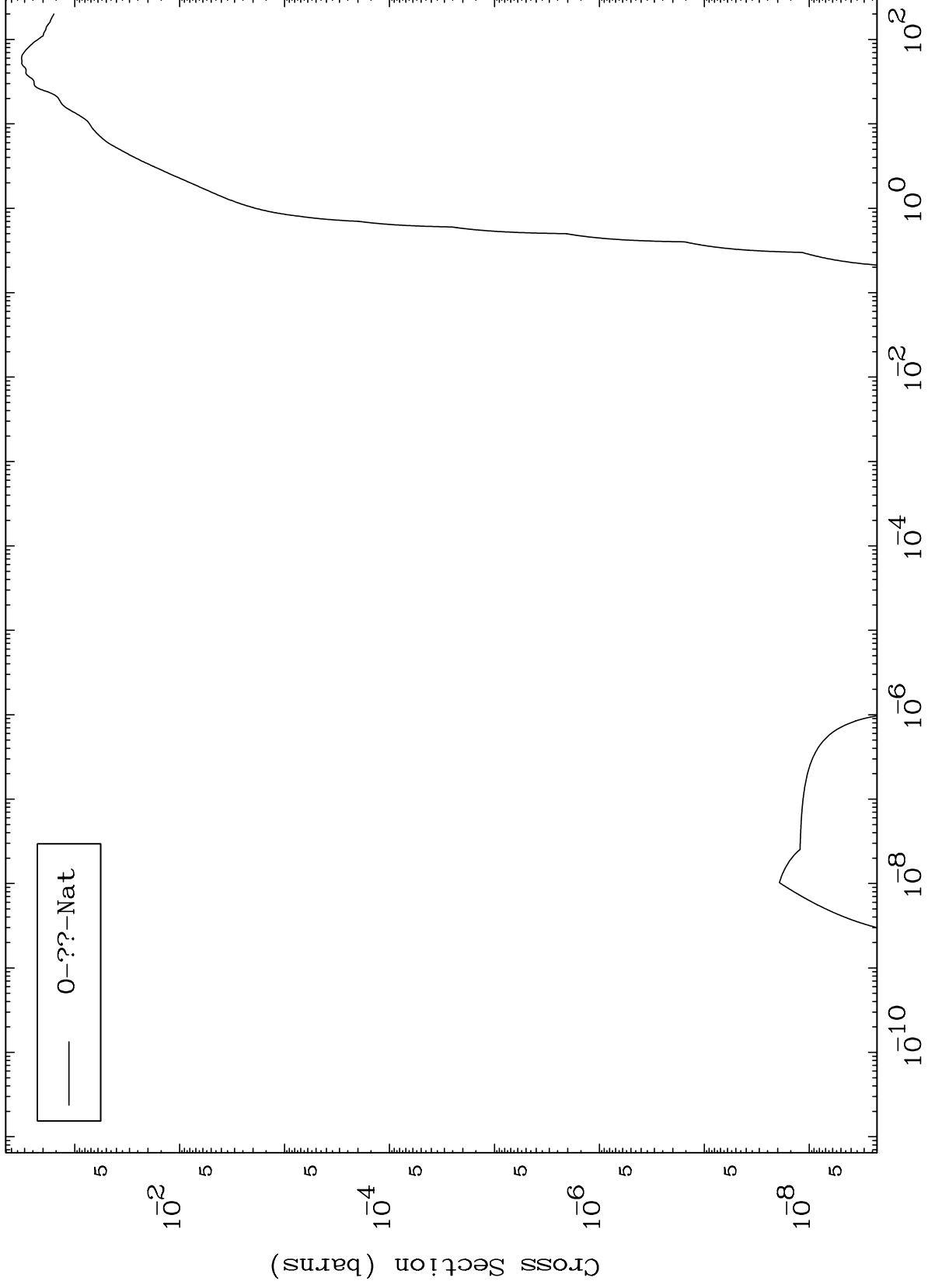
81-Tl-188g
81-Tl-188m1

MAT 8086

Fission

81-Tl-190

Radionuclide Production Cross Section

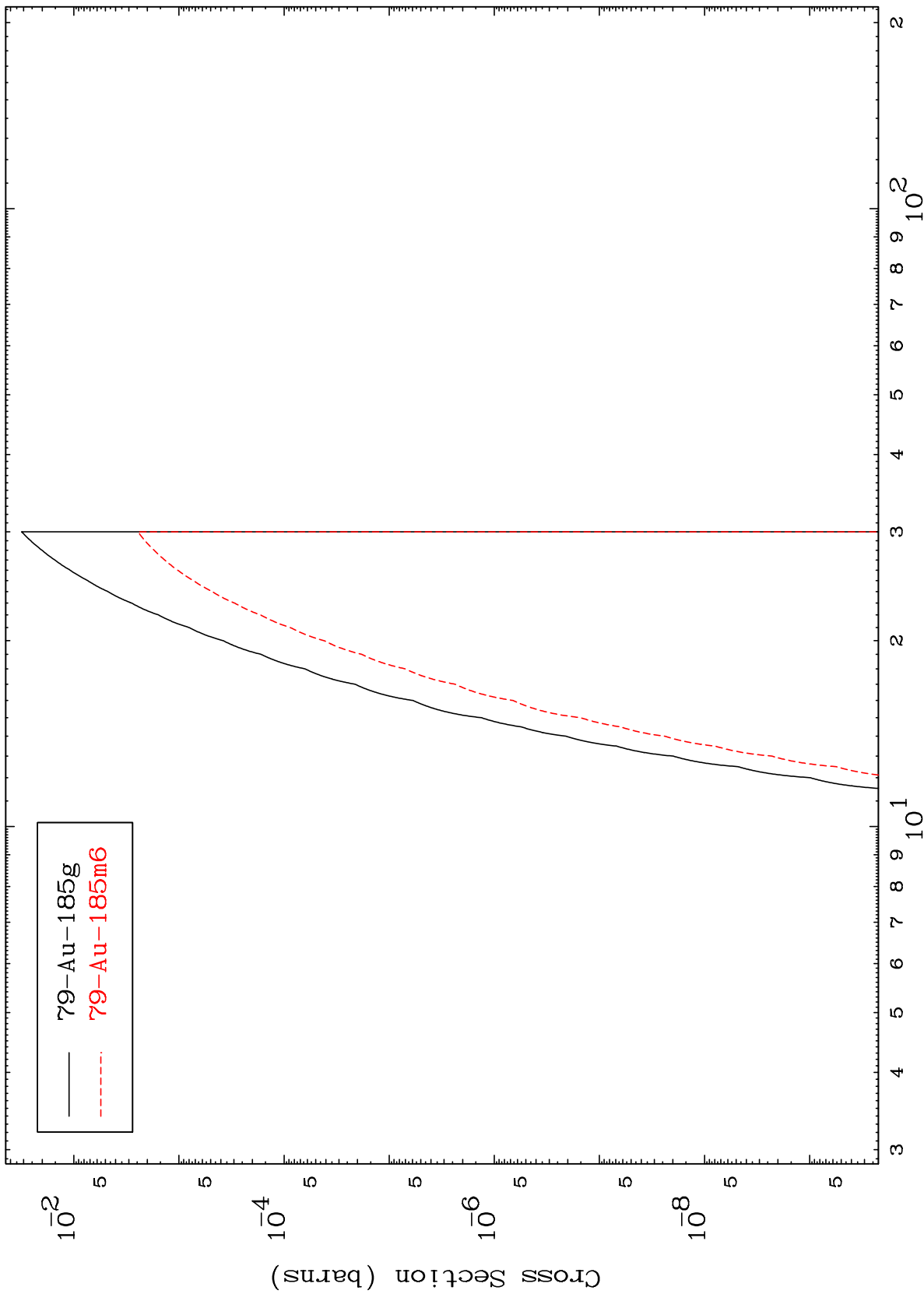


MAT 8086

(n,2n) α

81-Tl-190

Radionuclide Production Cross Section



25

Incident Energy (MeV)

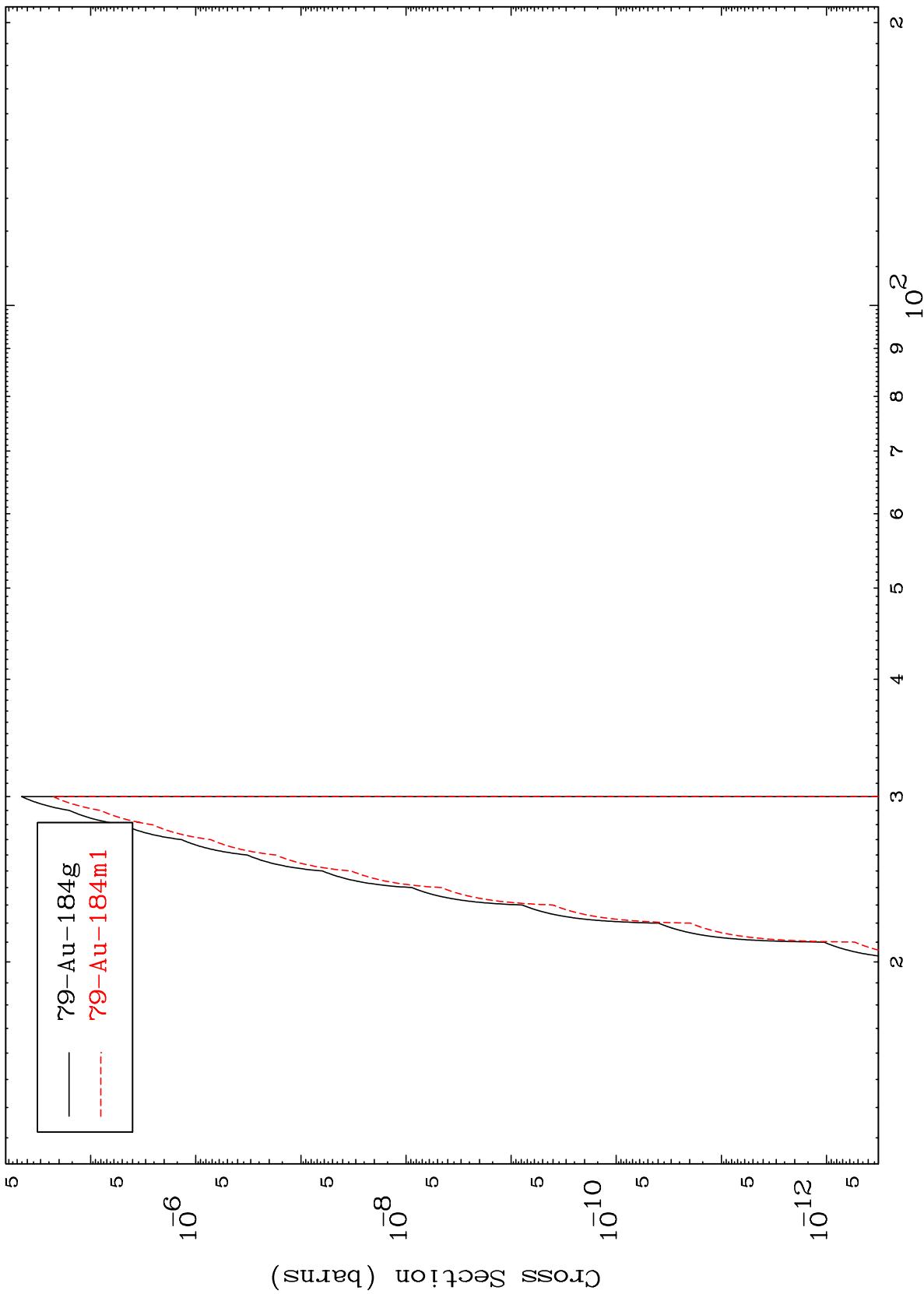
81-Tl-190

MAT 8086

(n,3n) α

81-Tl-190

Radionuclide Production Cross Section

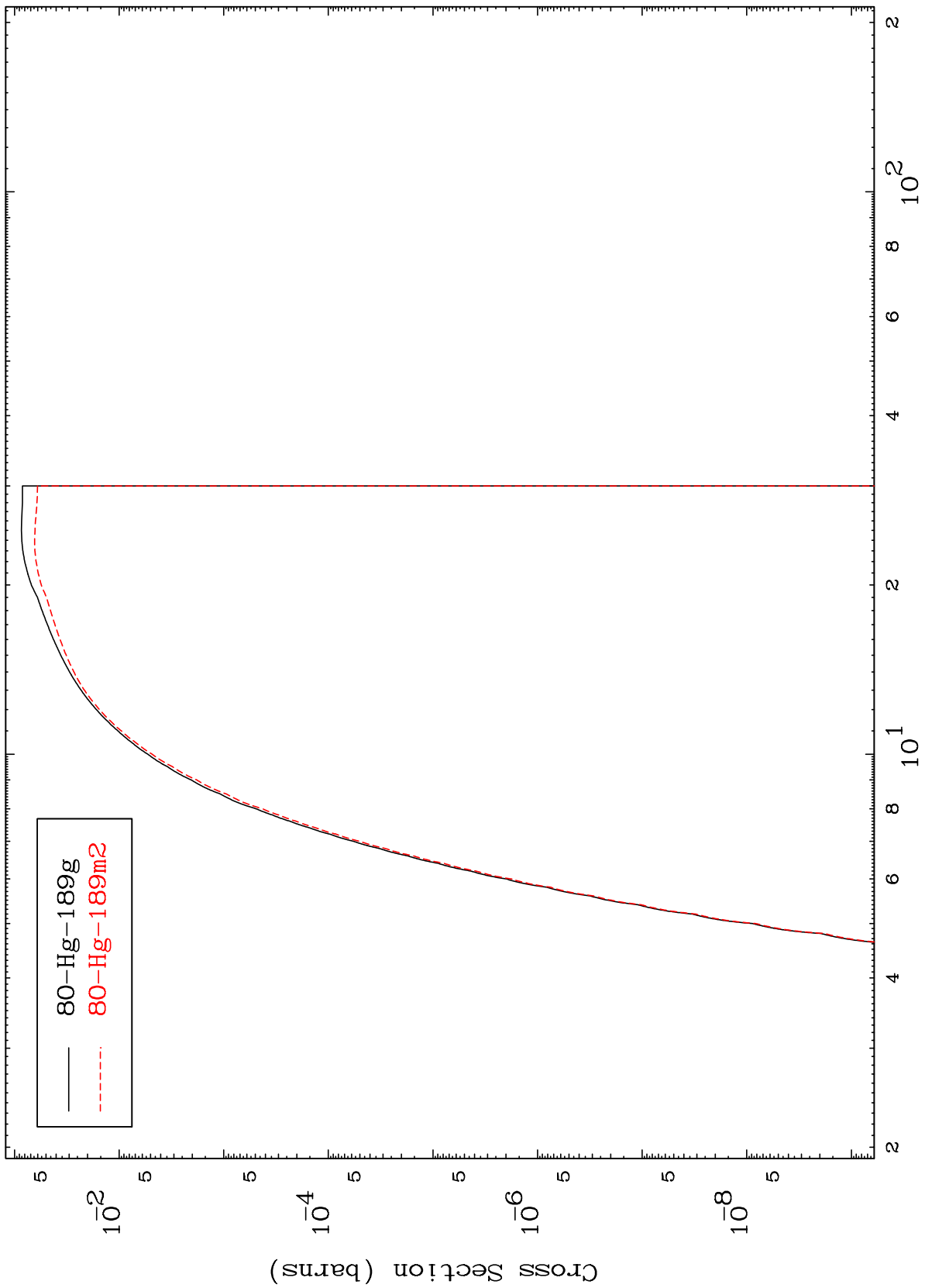


MAT 8086

(n,n') p

81-Tl-190

Radionuclide Production Cross Section



27

Incident Energy (MeV)

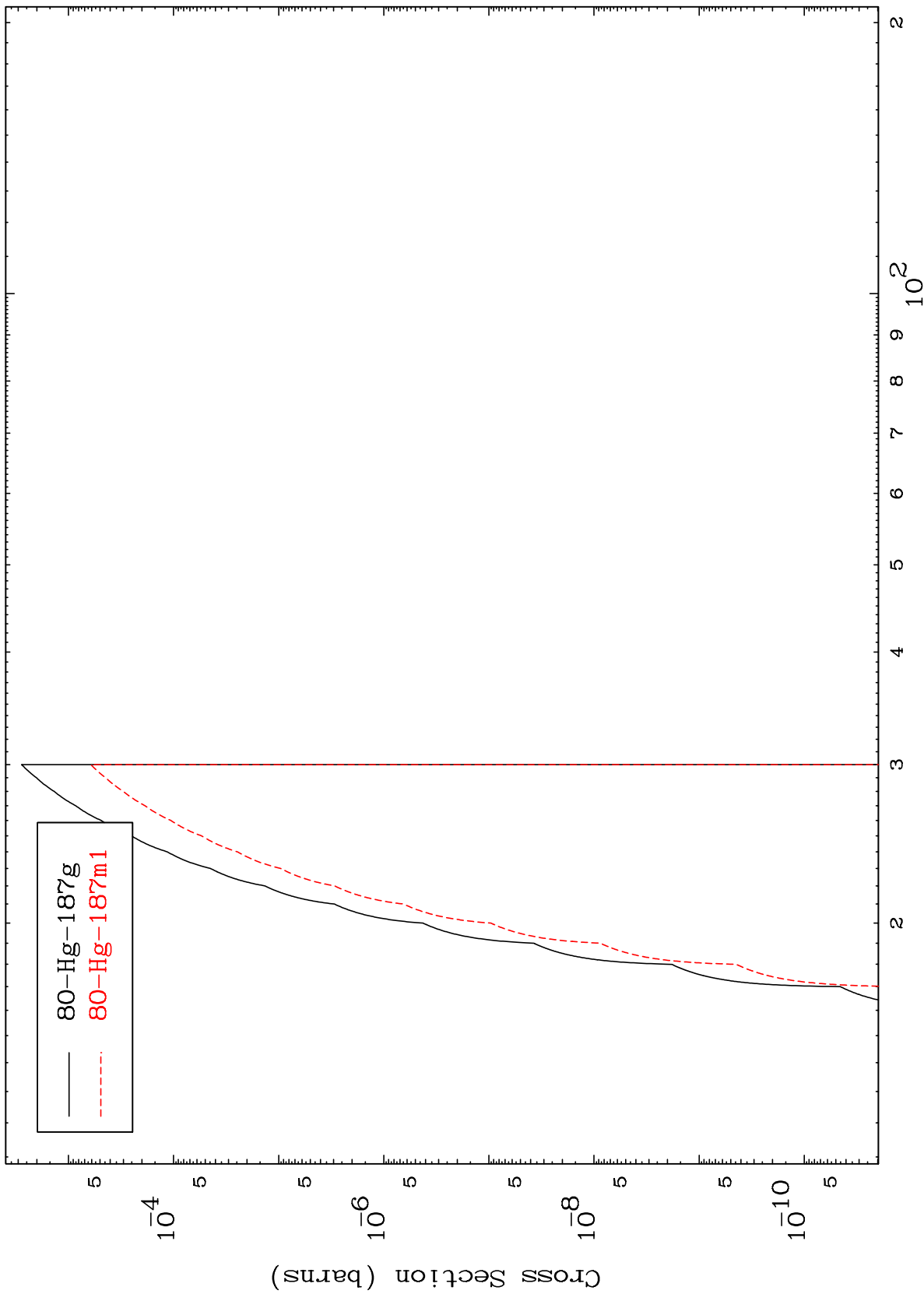
81-Tl-190

MAT 8086

(n,n') t

81-Tl-190

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-190

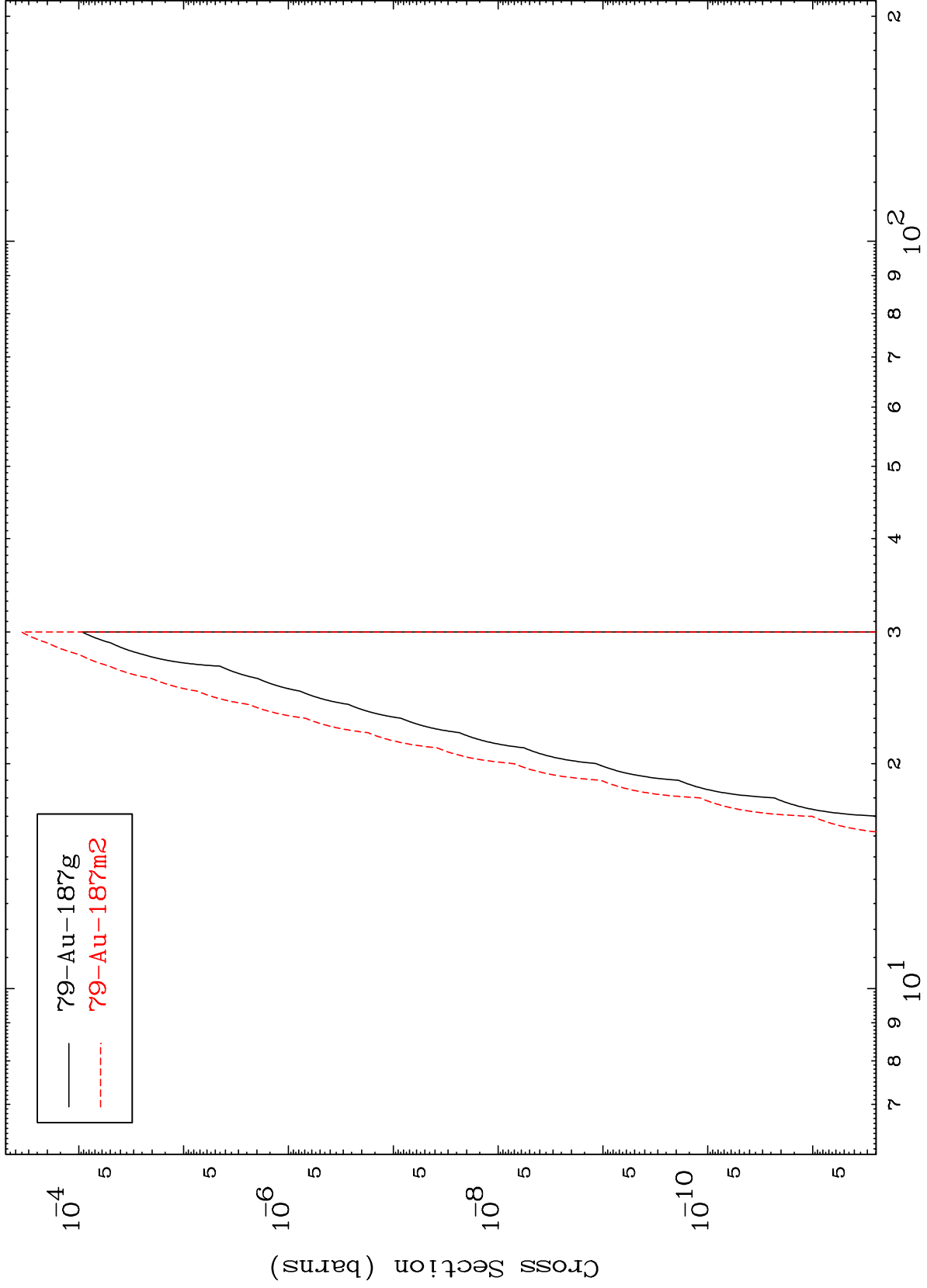
28

MAT 8086

(n,n') He-3

81-Tl-190

Radionuclide Production Cross Section



29

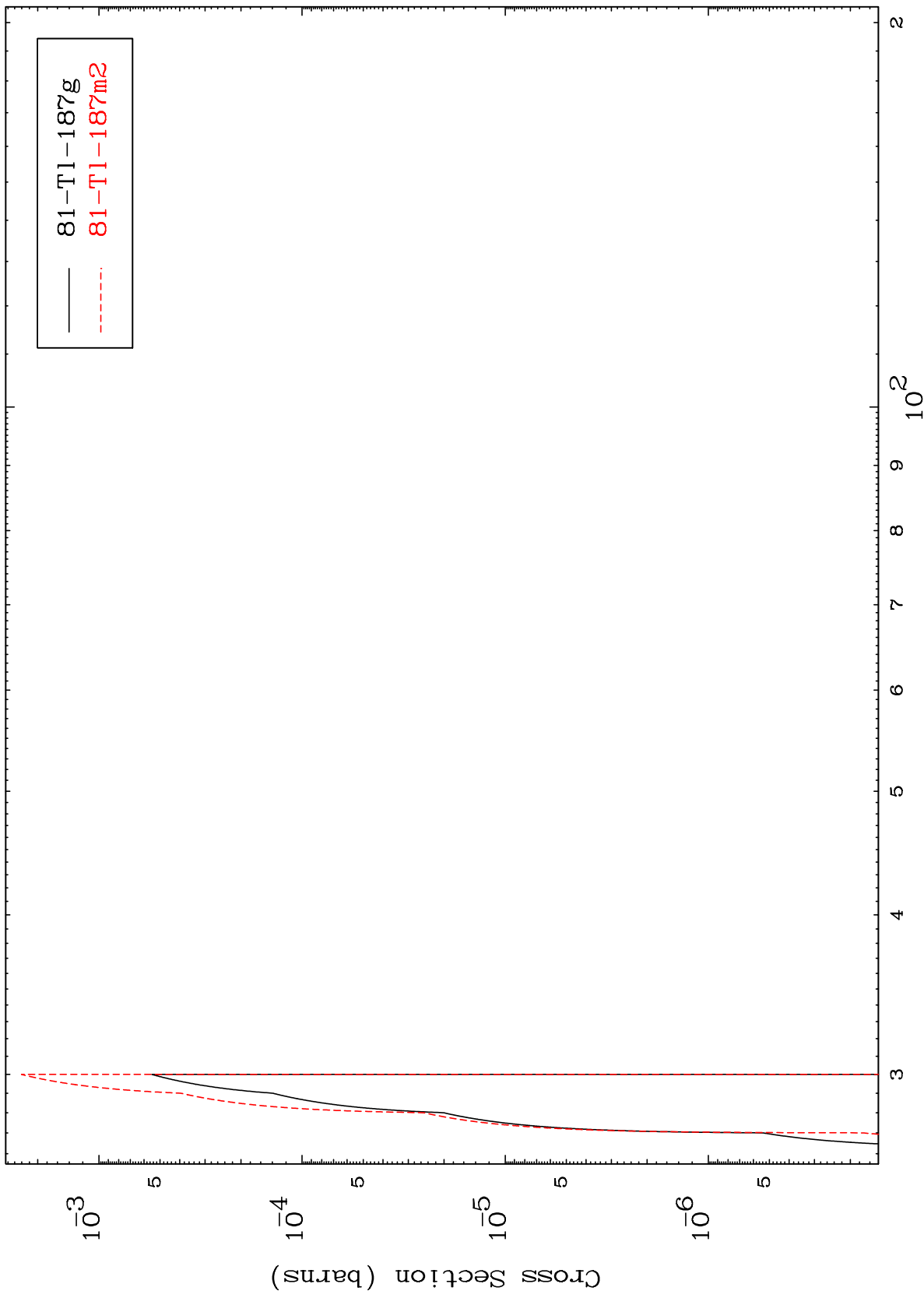
Incident Energy (MeV)

81-Tl-190

MAT 8086

81-Tl-190

(n,4n)
Radionuclide Production Cross Section

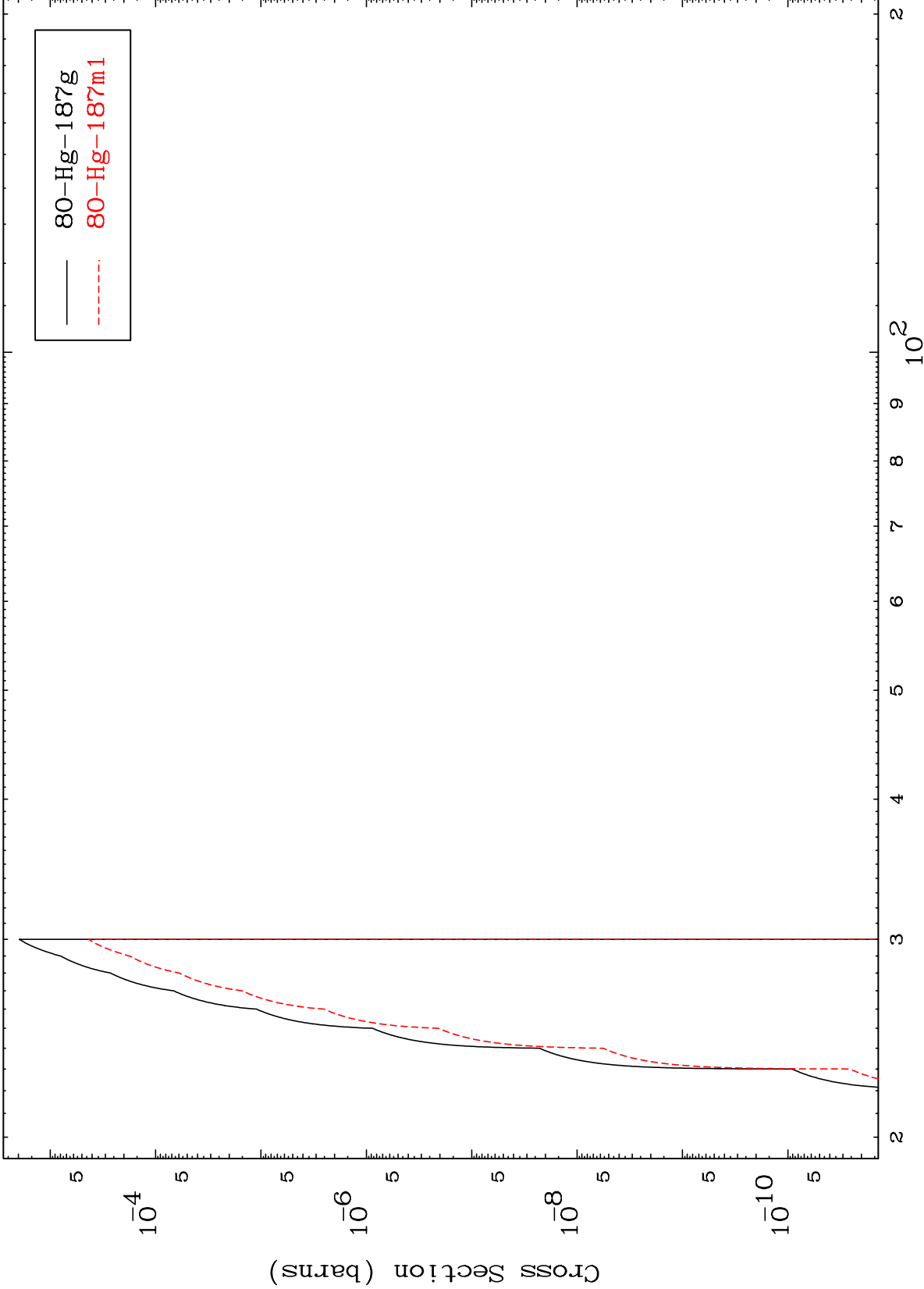


81-Tl-190

Incident Energy (MeV)

30

Radionuclide Production Cross Section



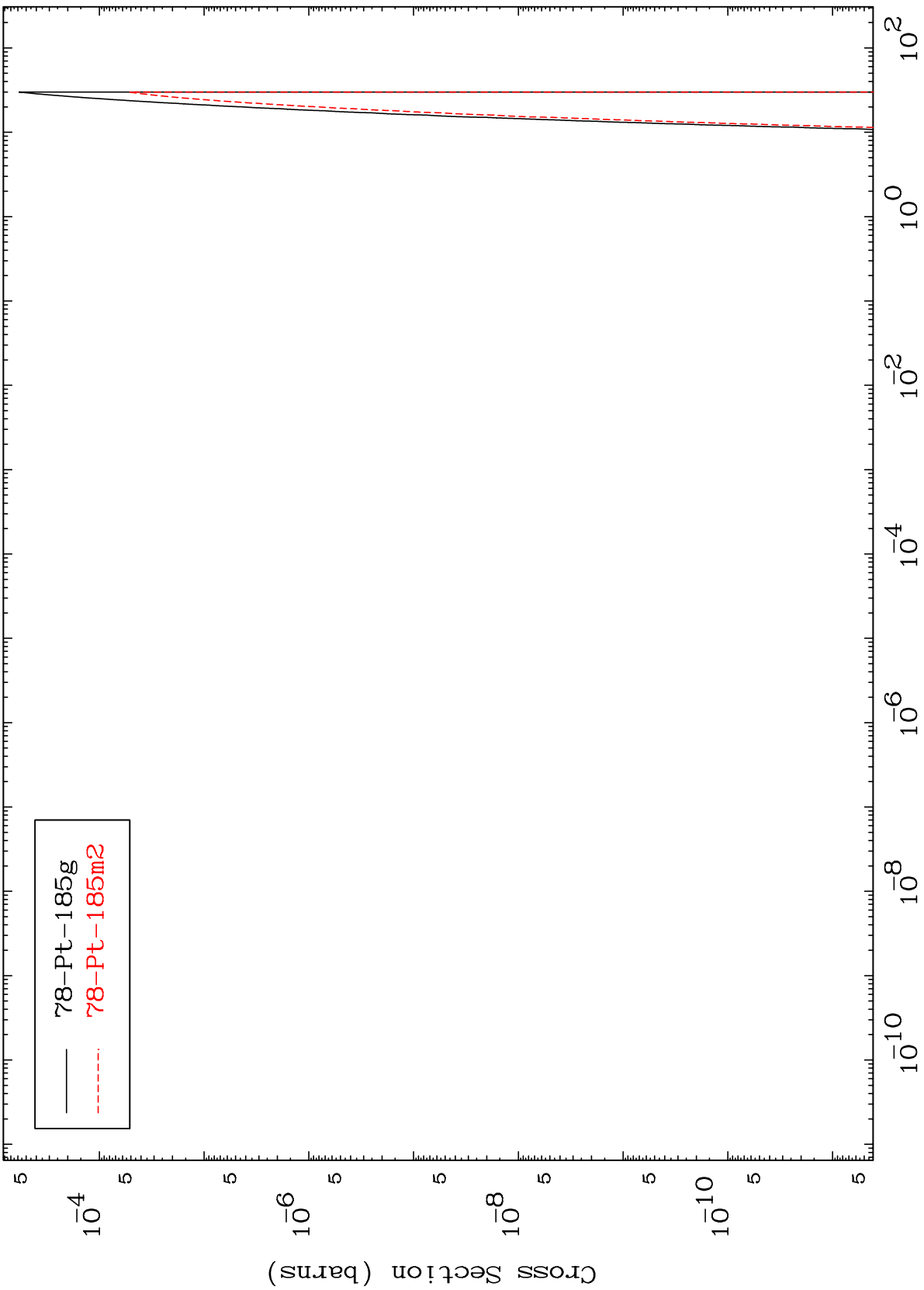
80-Hg-187g
80-Hg-187m1

MAT 8086

(n,n') p α

81-Tl-190

Radionuclide Production Cross Section



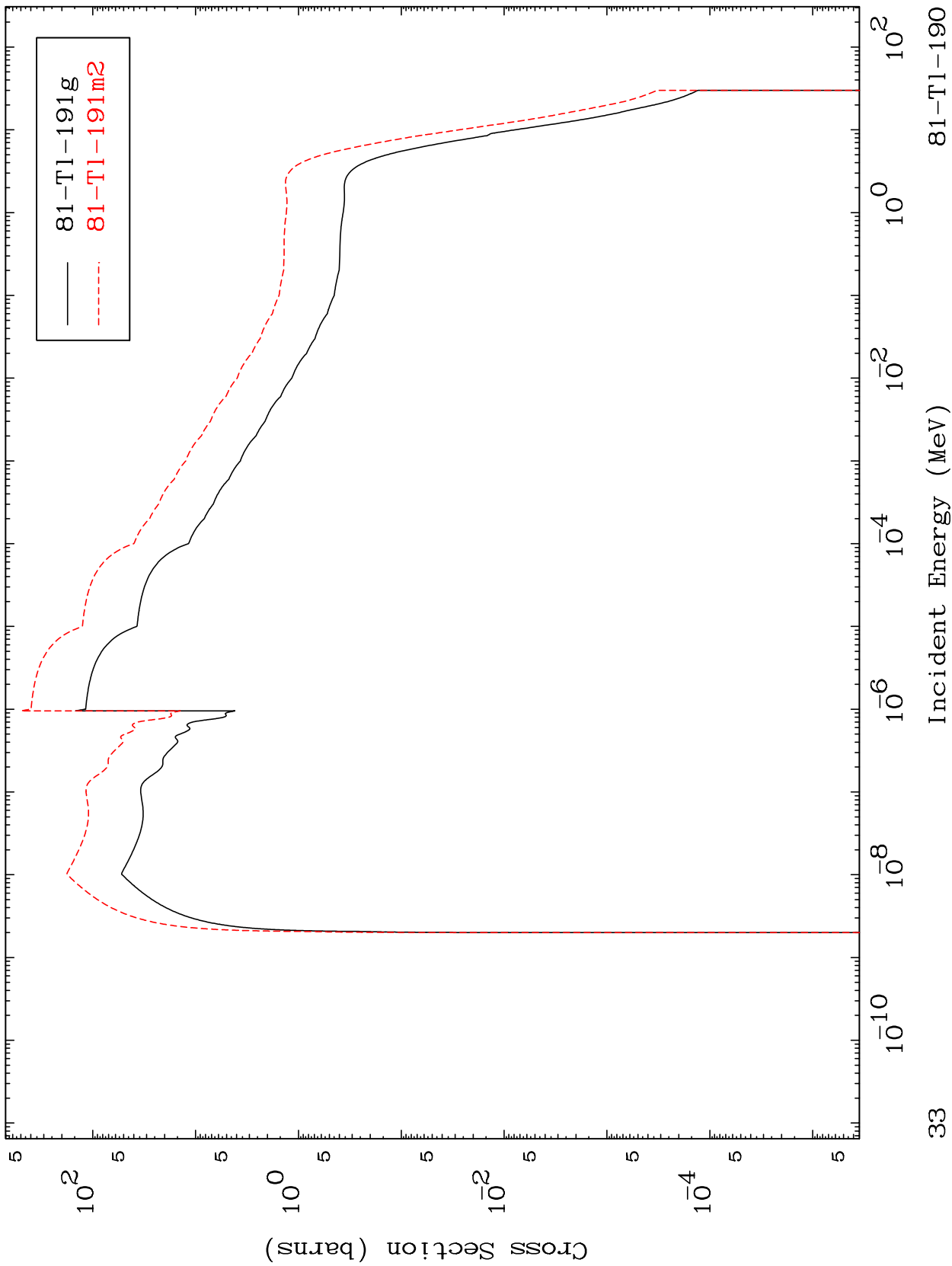
78-Pt-185g
78-Pt-185m2

Incident Energy (MeV)

81-Tl-190

32

(n,γ)
Radionuclide Production Cross Section

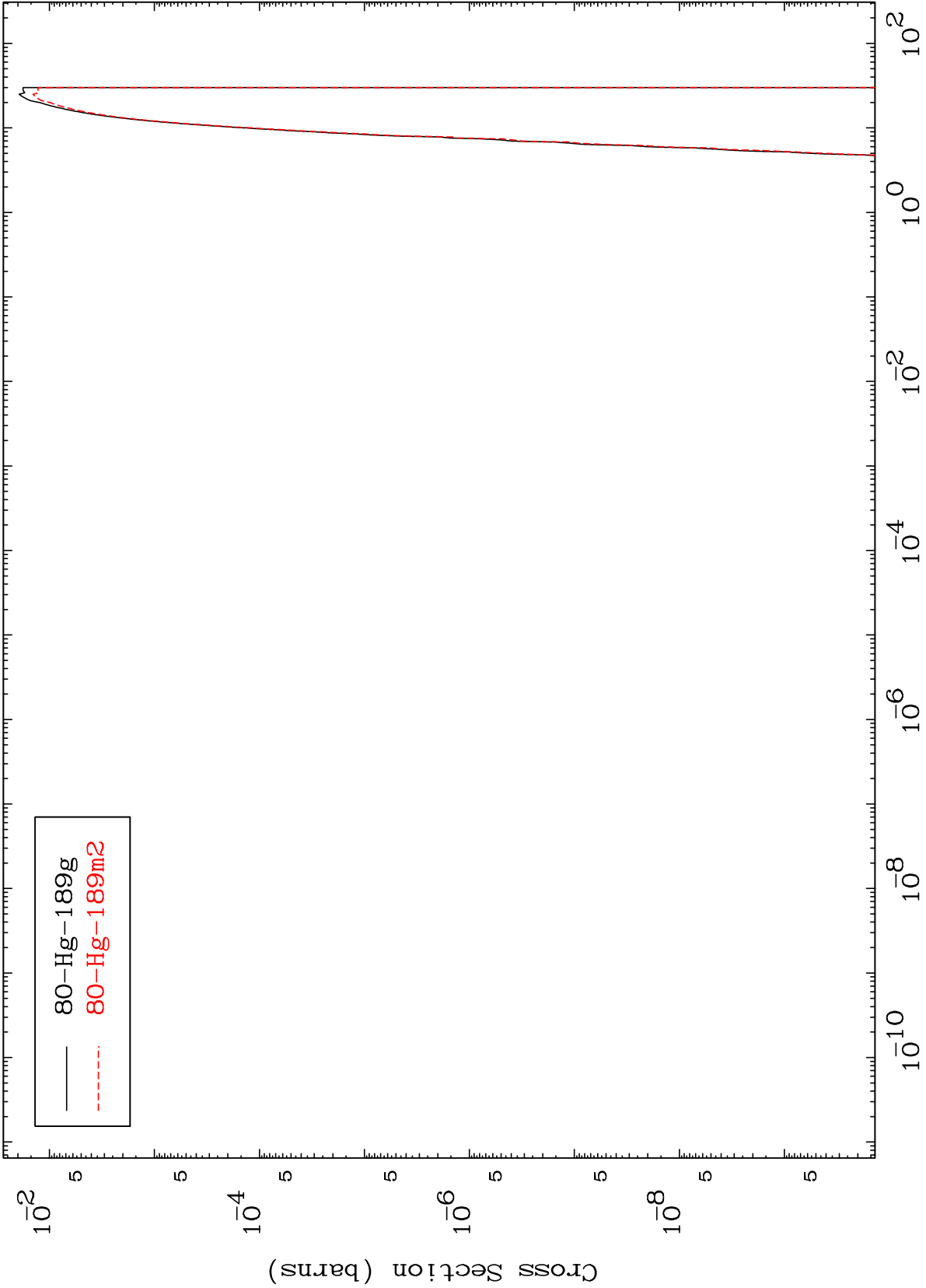


MAT 8086

(n,d)

81-Tl-190

Radionuclide Production Cross Section

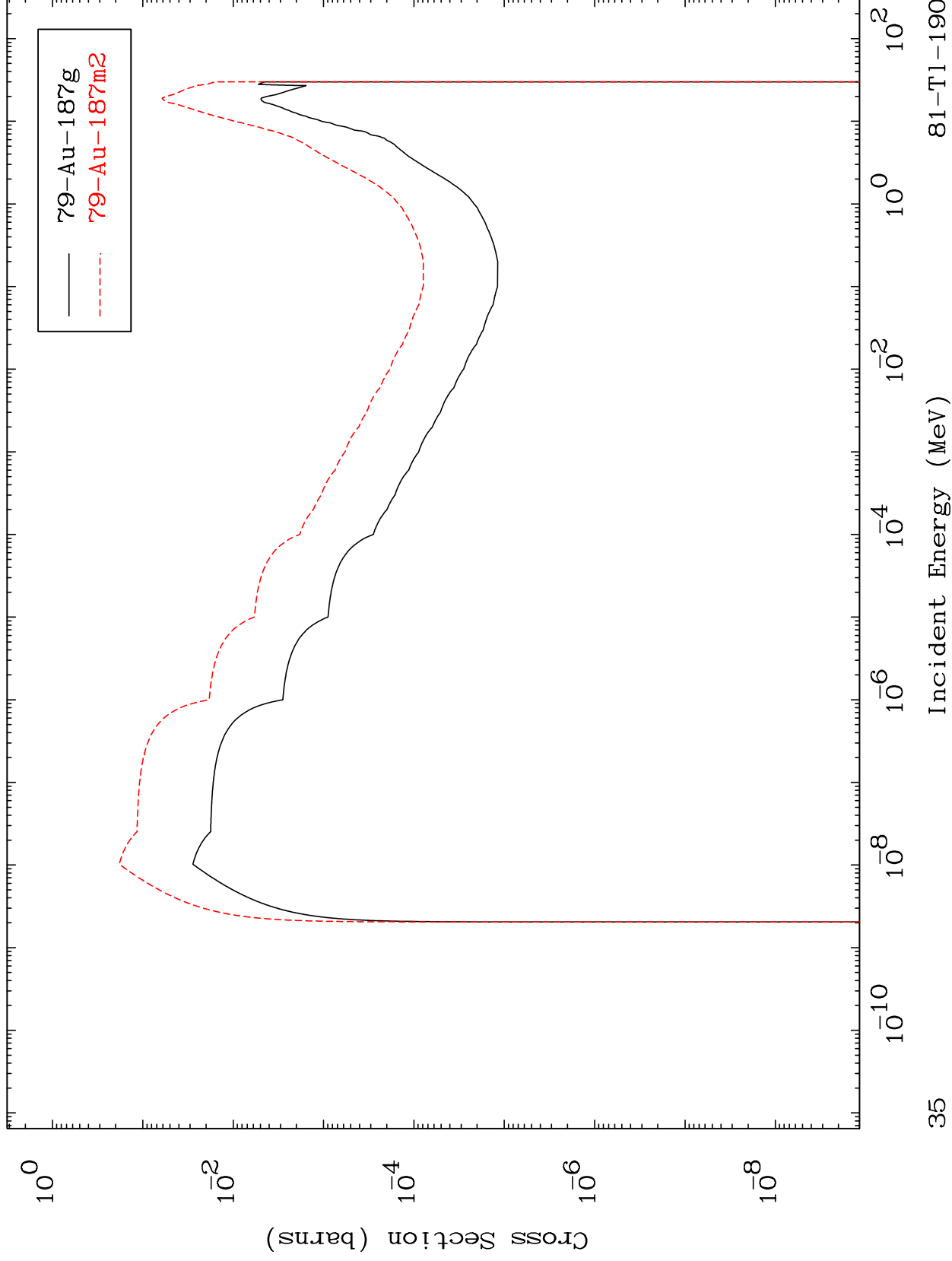


MAT 8086

(n, α)

81-Tl-190

Radionuclide Production Cross Section



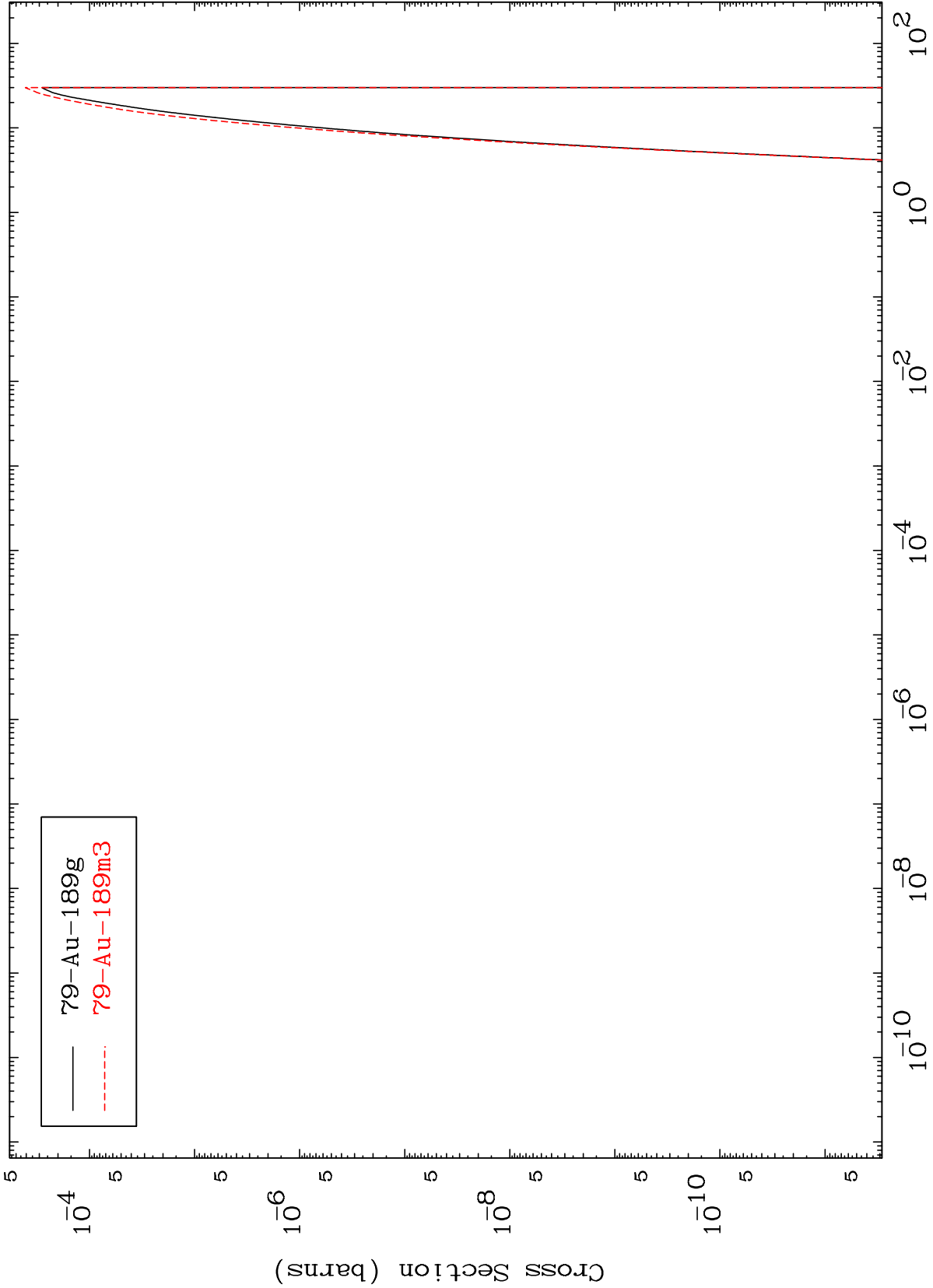
35

MAT 8086

(n,2p)

81-Tl-190

Radionuclide Production Cross Section



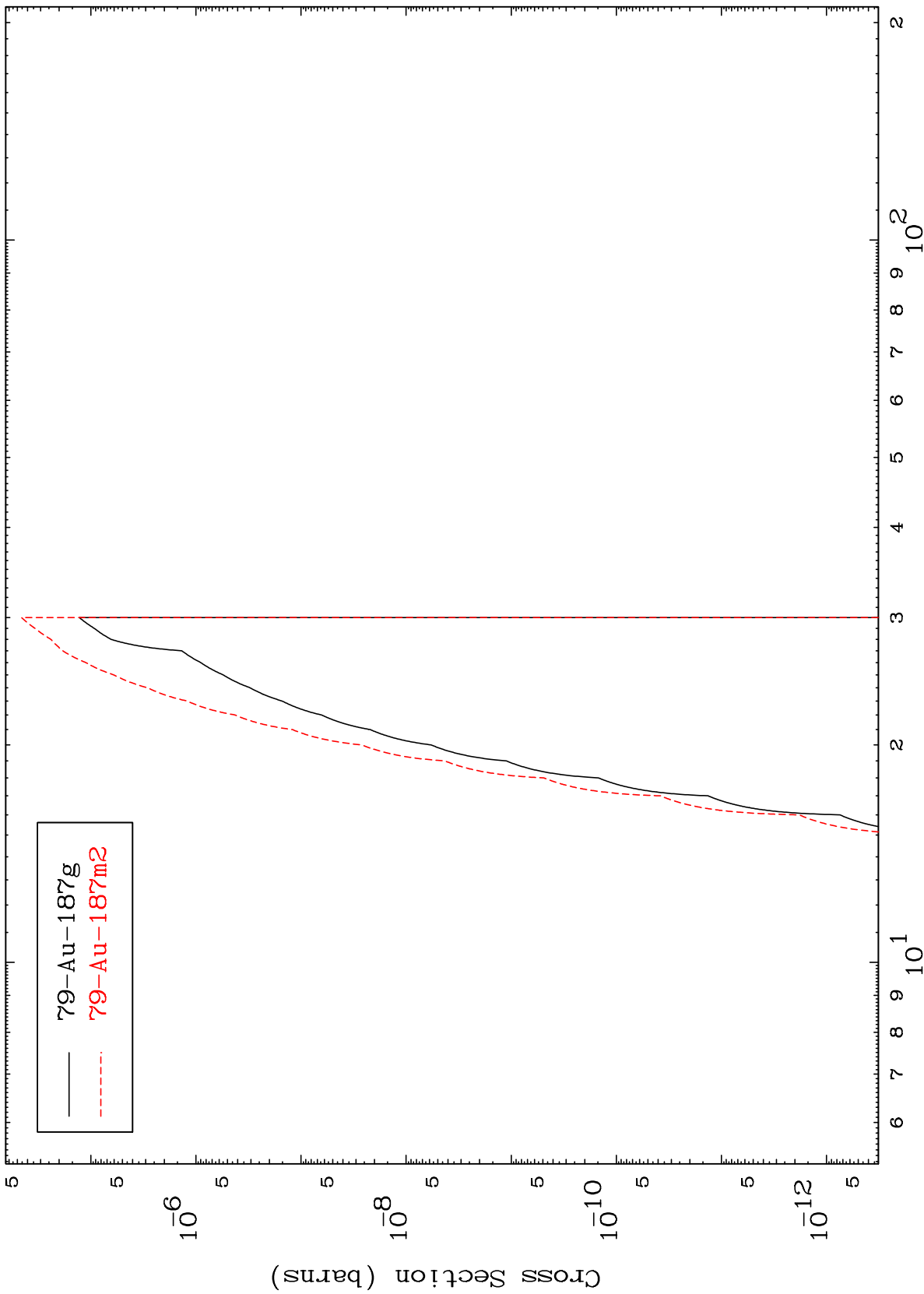
— $^{79}\text{Au-189g}$
- - - $^{79}\text{Au-189m3}$

MAT 8086

(n,p) t

81-Tl-190

Radionuclide Production Cross Section



37

Incident Energy (MeV)

81-Tl-190

MAT 8086

(n,d) α

81-Tl-190

Radionuclide Production Cross Section

