

Program EVALPLOT
(Version 2018-1)

by

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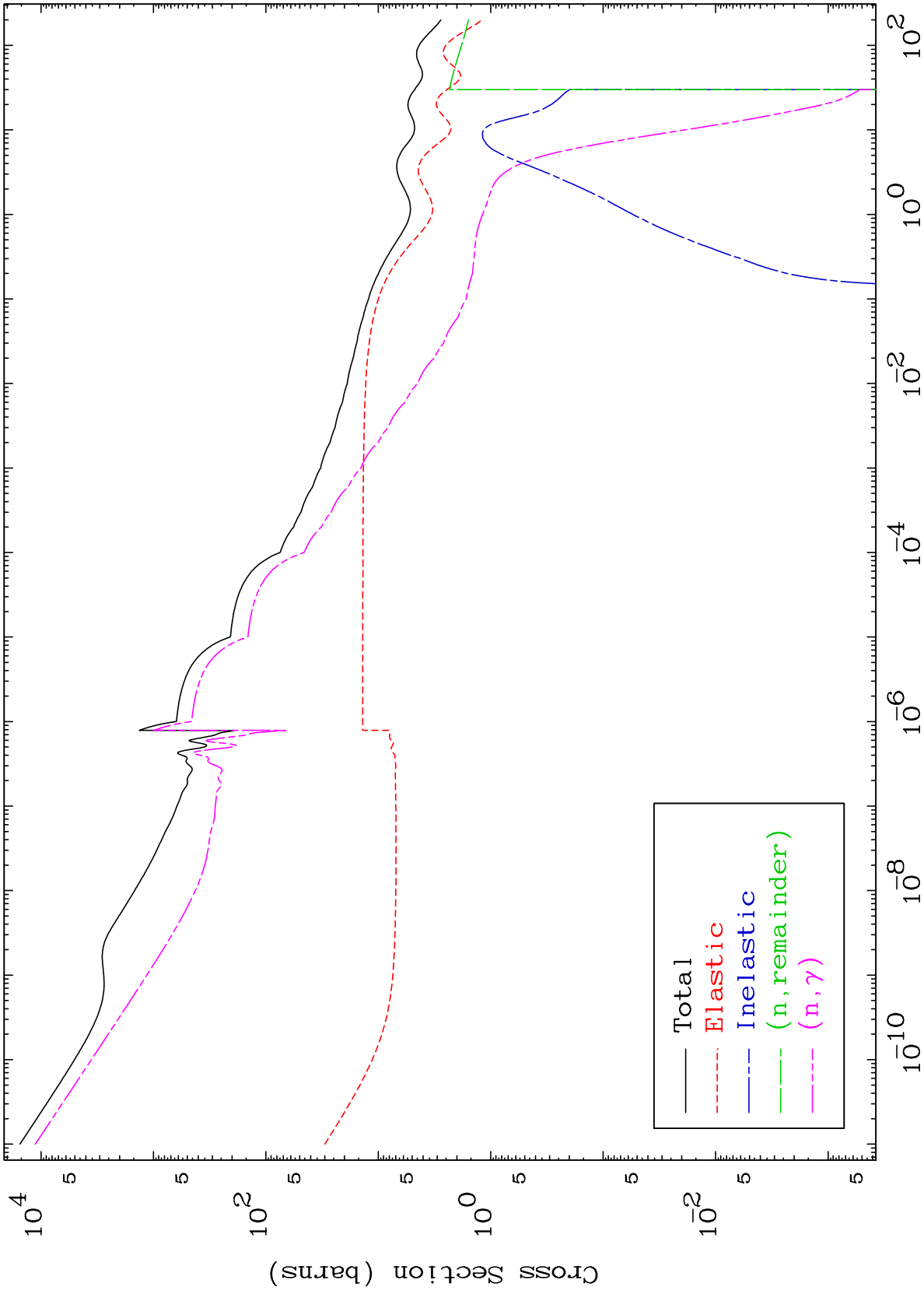
Press Mouse Button to Start

MAT 8068

Major

293 Kelvin Cross Sections

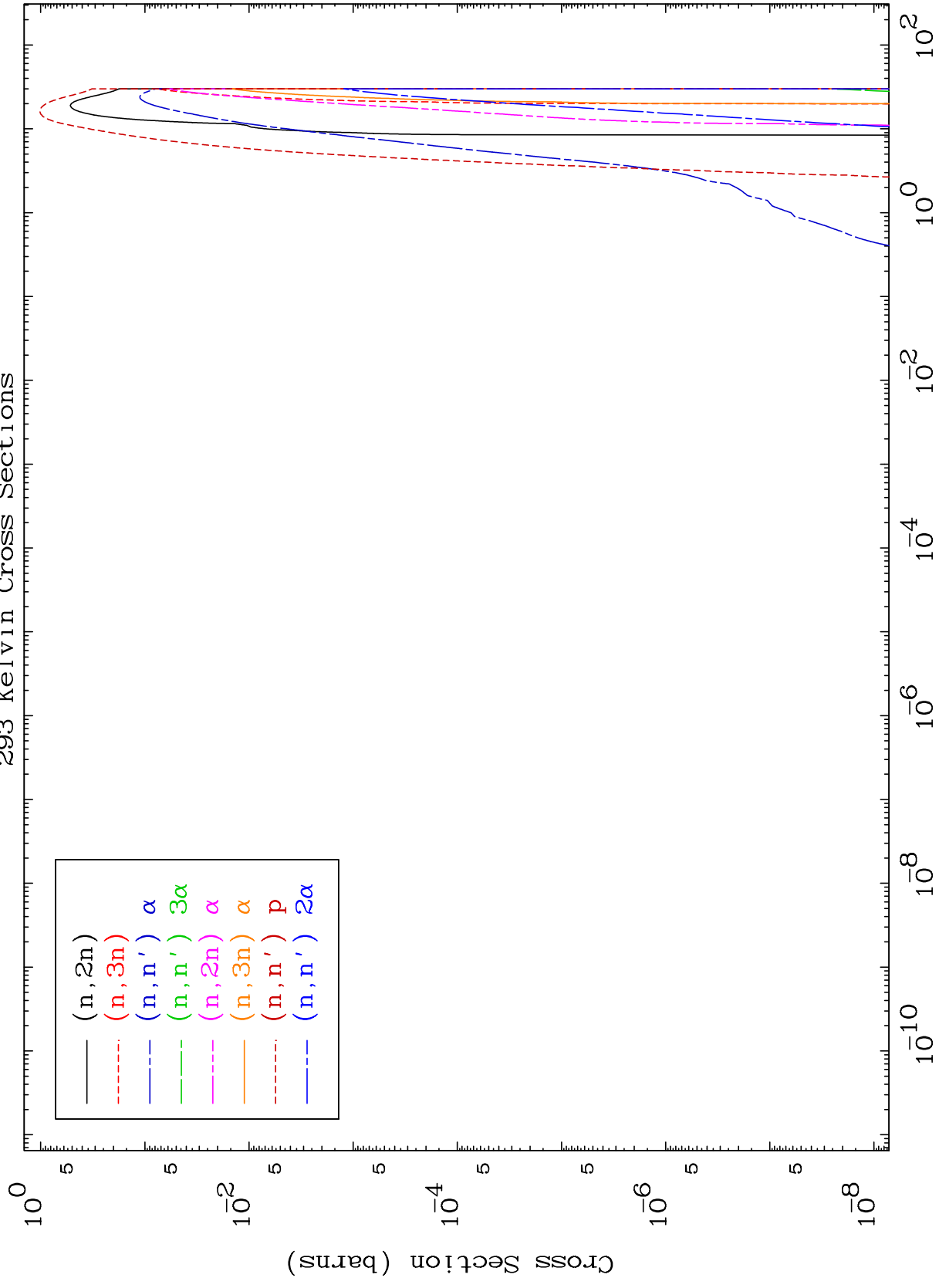
81-Tl-184



MAT 8068

Neutron Production
293 Kelvin Cross Sections

81-Tl-184

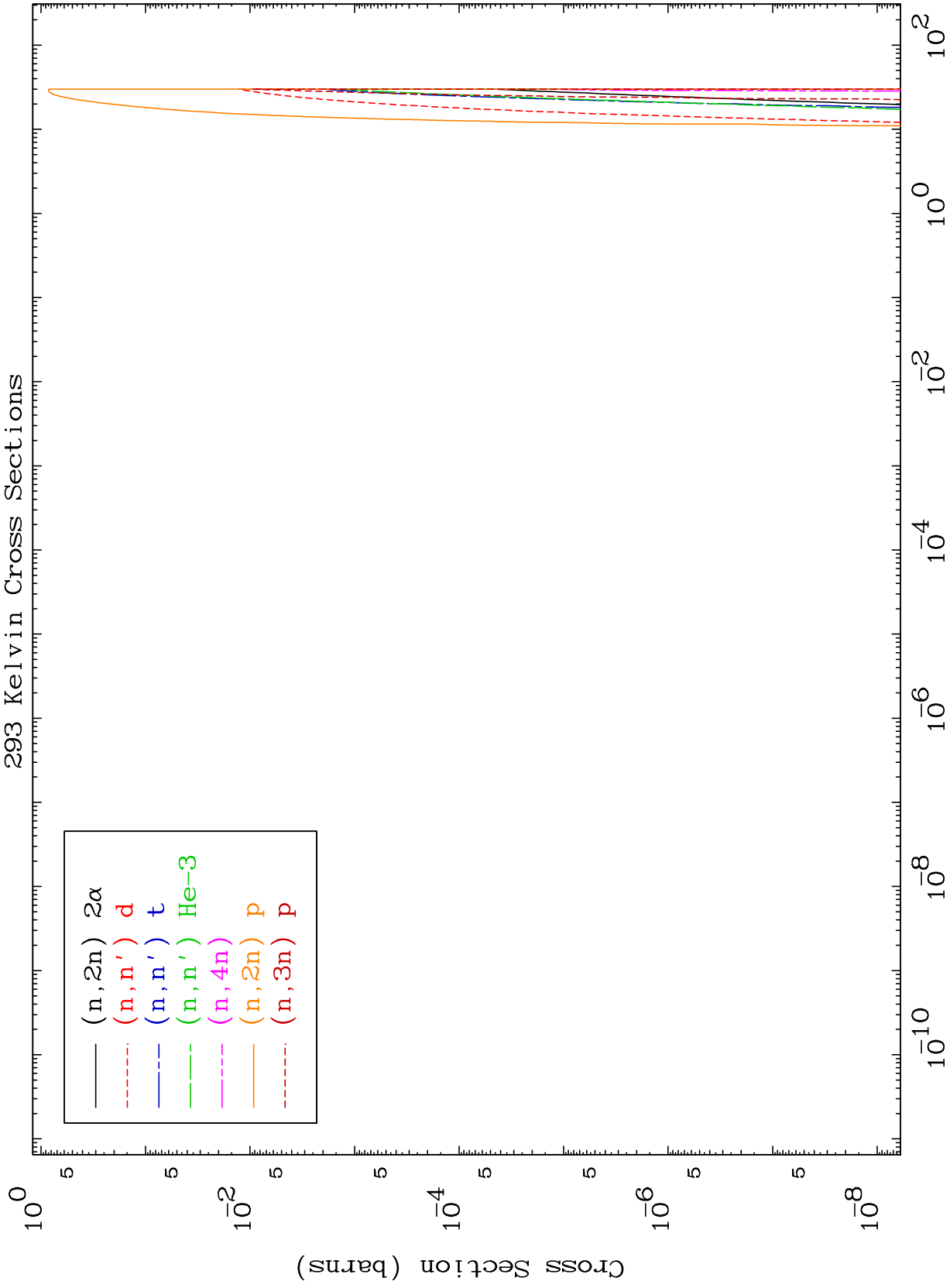


81-Tl-184

MAT 8068

Neutron Production
293 Kelvin Cross Sections

81-Tl-184



3

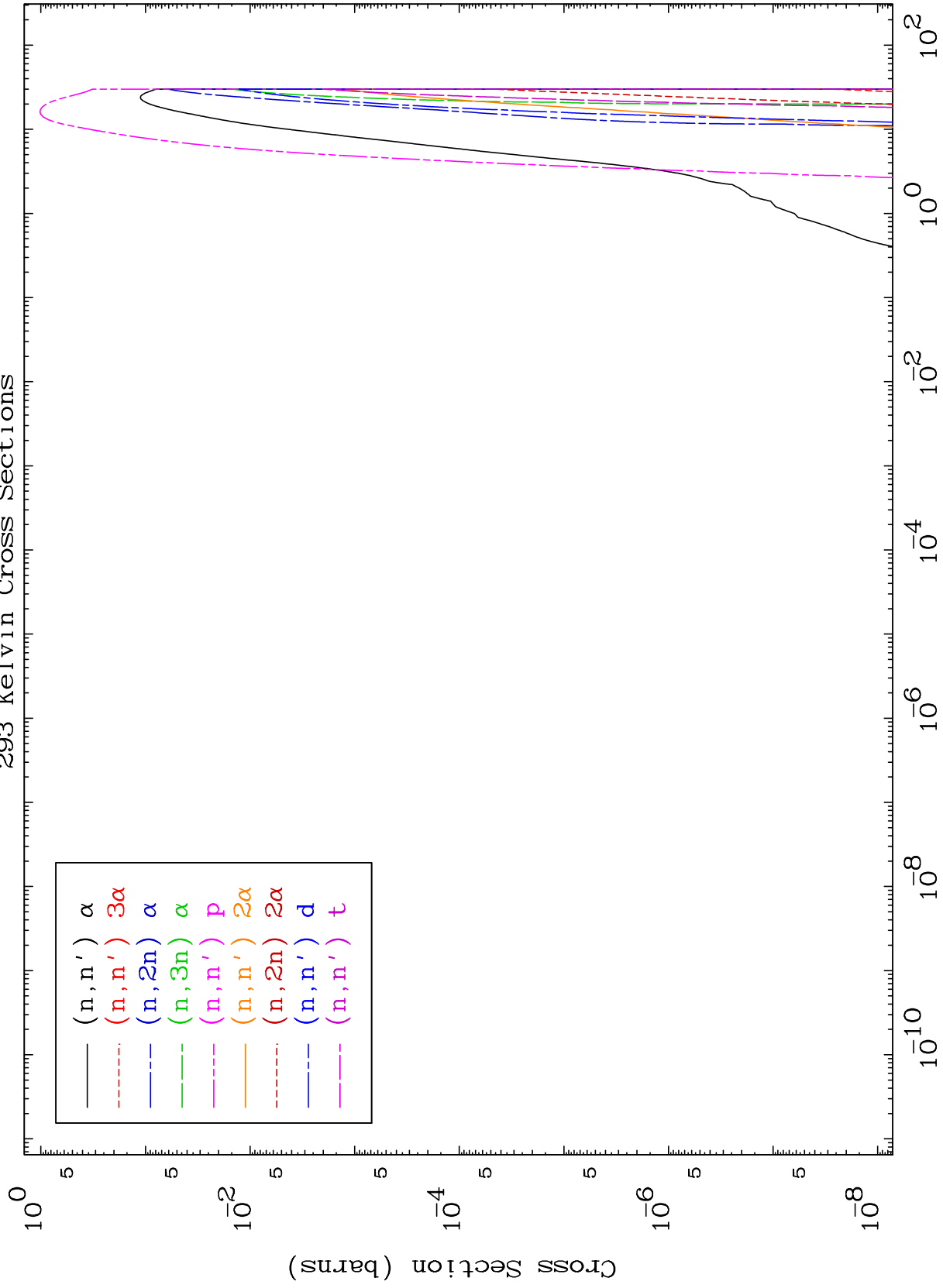
Incident Energy (MeV)

81-Tl-184

MAT 8068

293 Kelvin Cross Sections

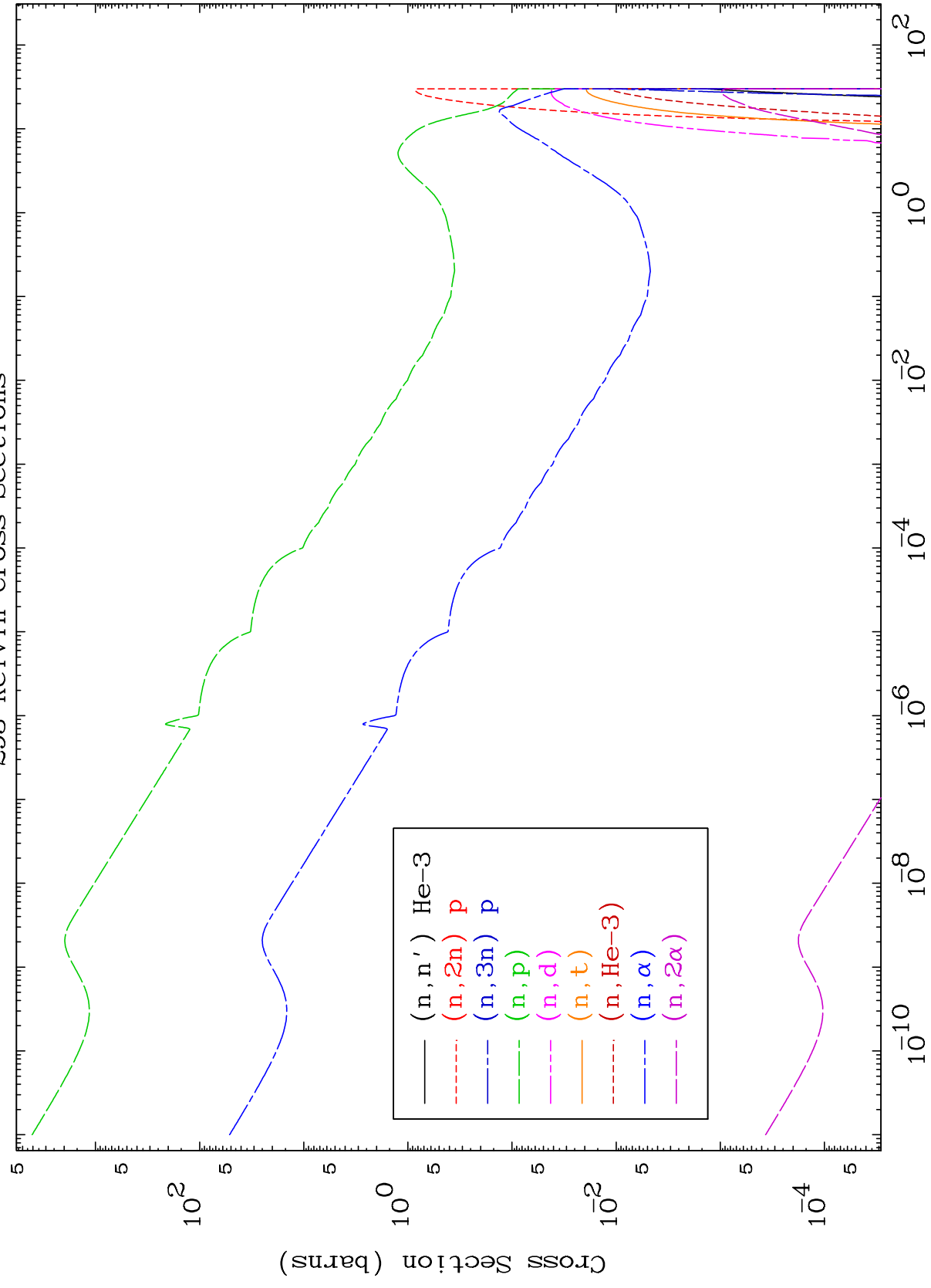
81-Tl-184



MAT 8068

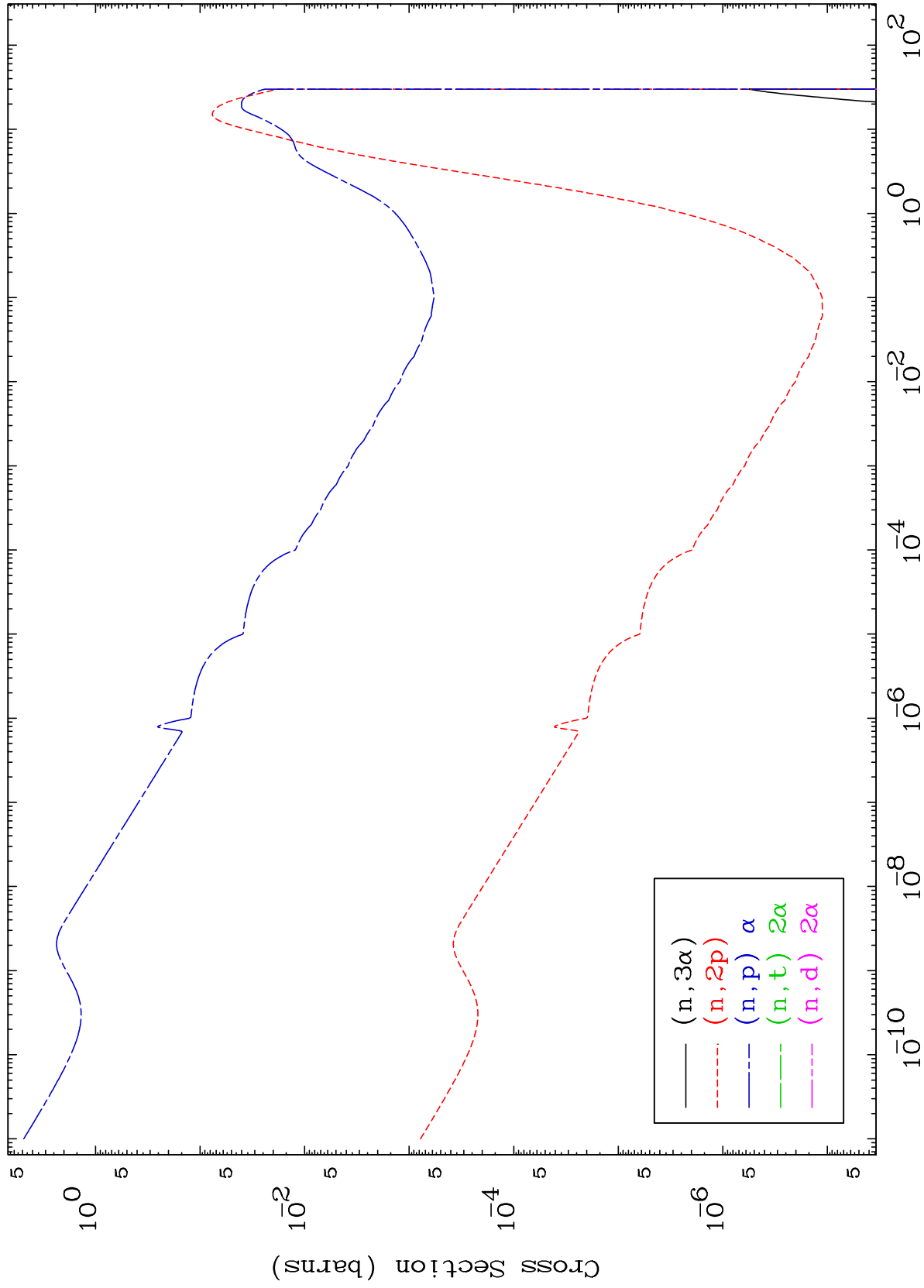
293 Kelvin Cross Sections

81-Tl-184



5

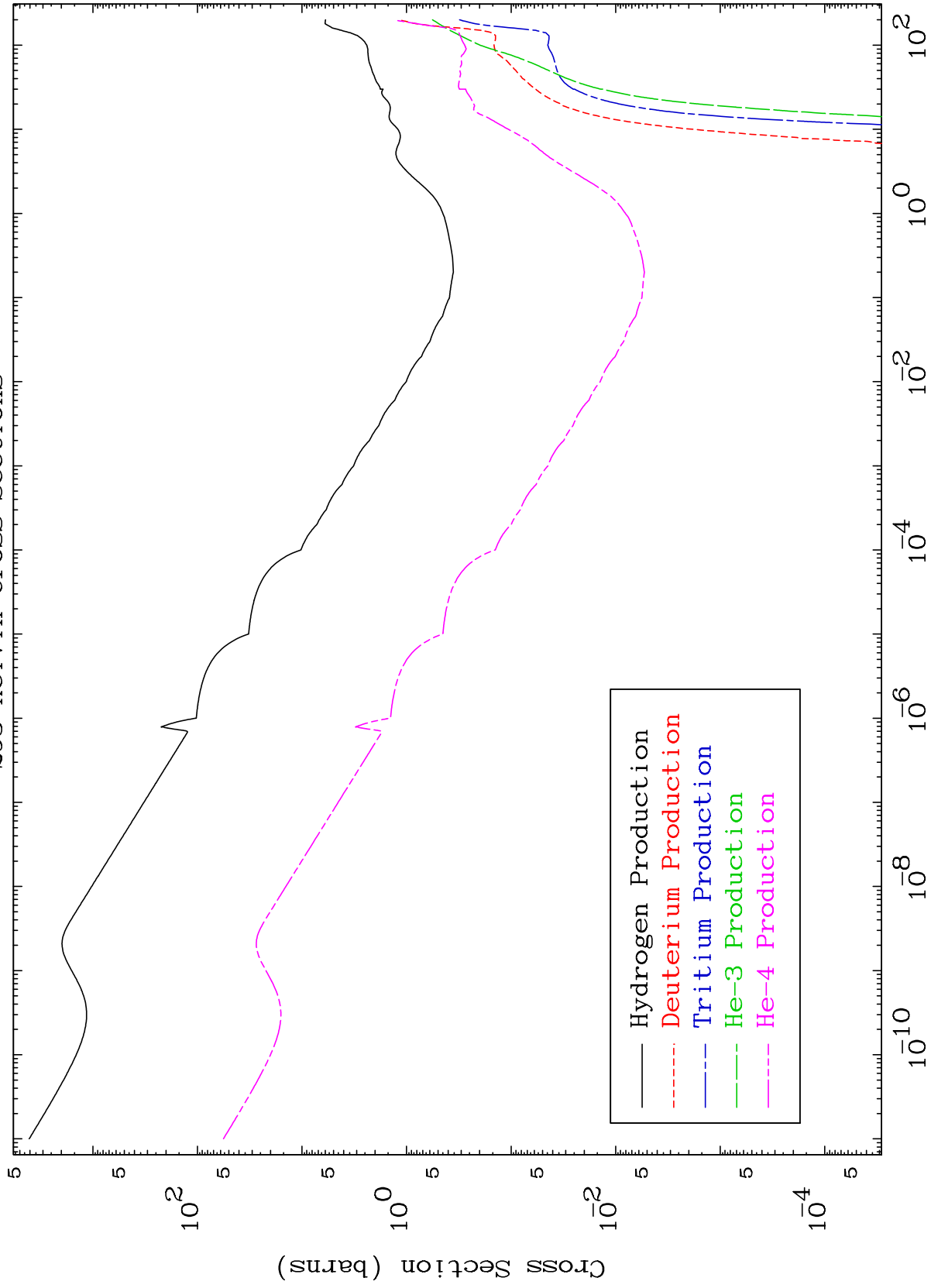
81-Tl-184



MAT 8068

Particle Production
293 Kelvin Cross Sections

81-Tl-184



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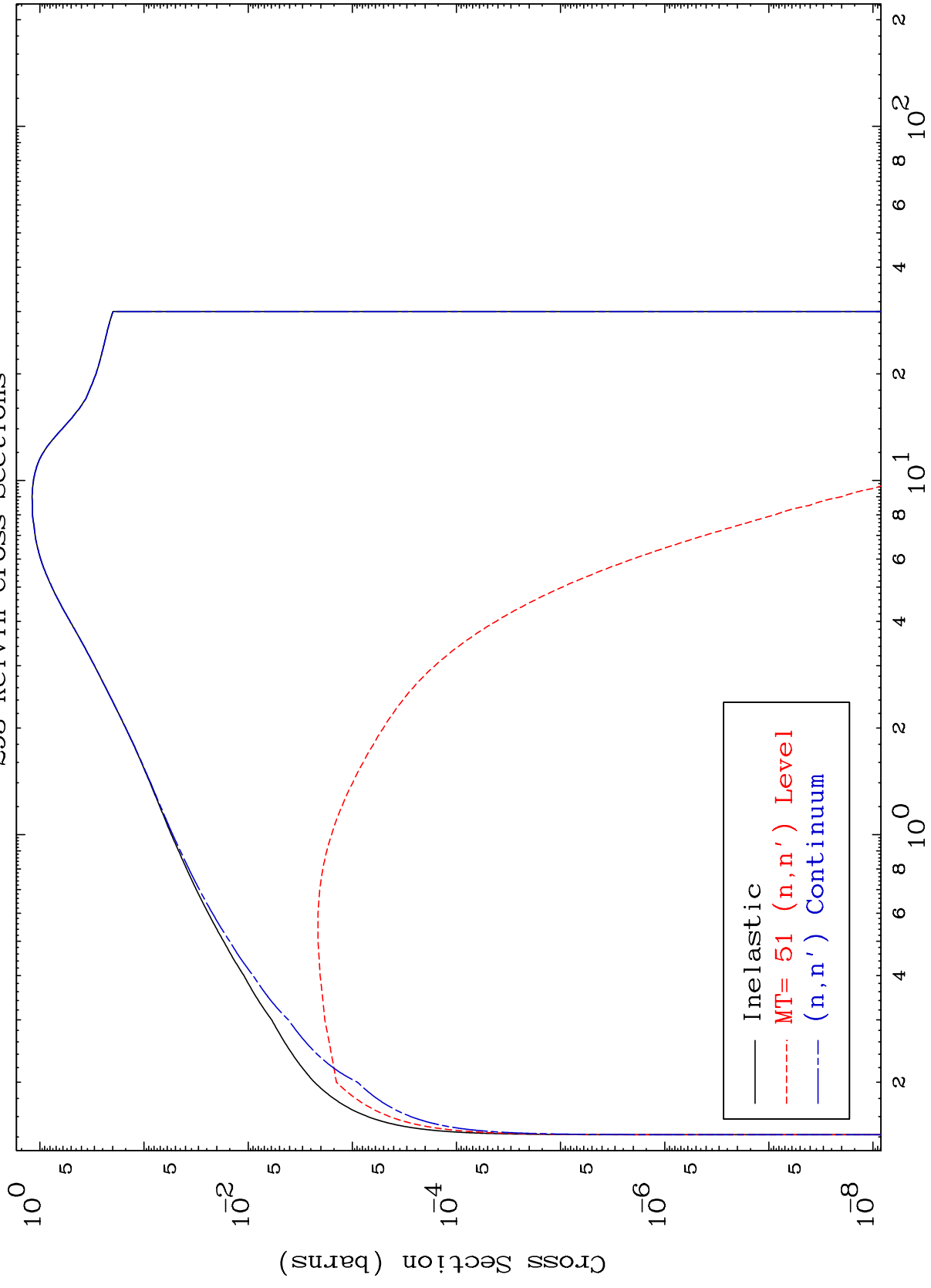
Incident Energy (MeV)

81-Tl-184

MAT 8068

(n,n') Level
293 Kelvin Cross Sections

81-T1-184



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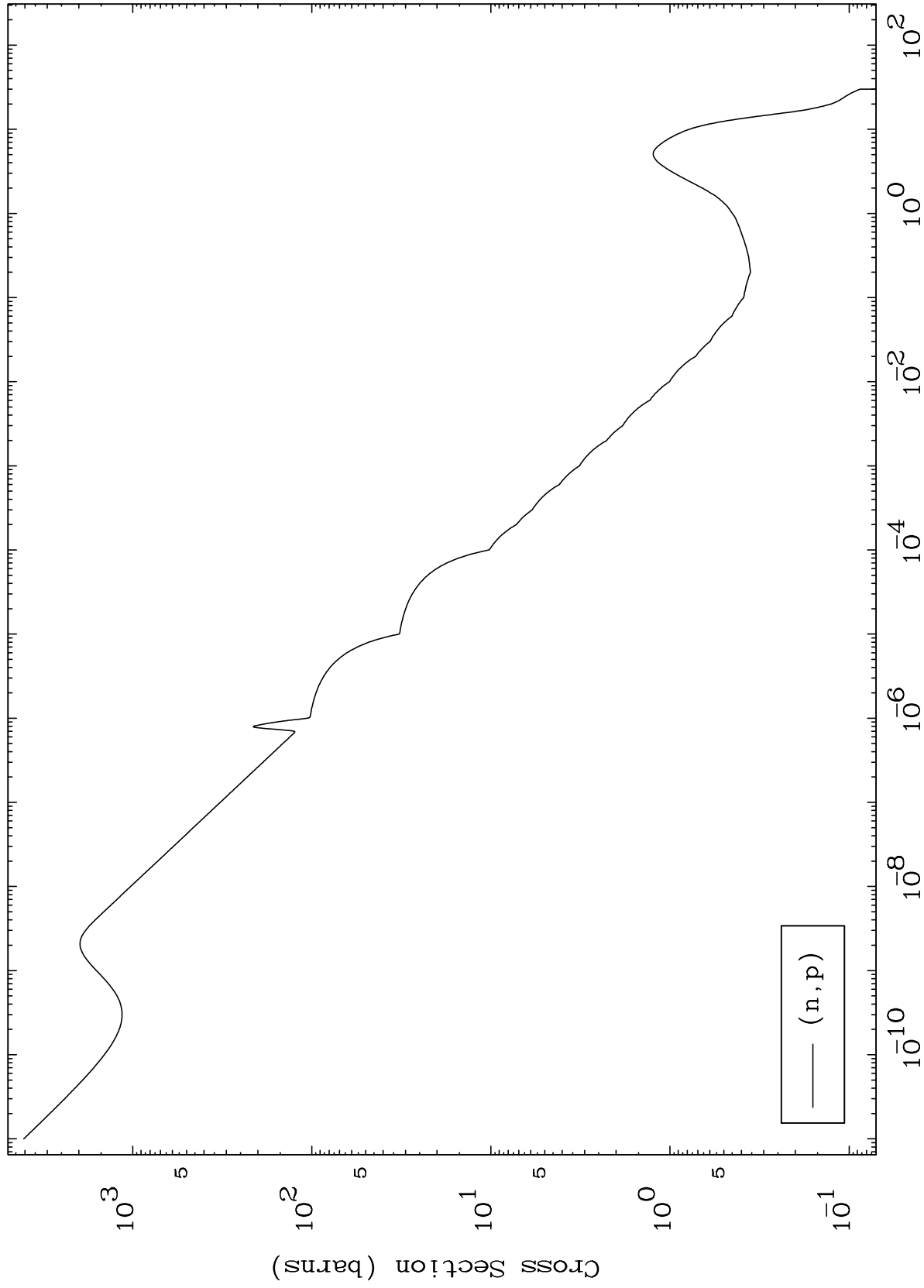
Incident Energy (MeV)

81-T1-184

MAT 8068

(n,p) Levels
293 Kelvin Cross Sections

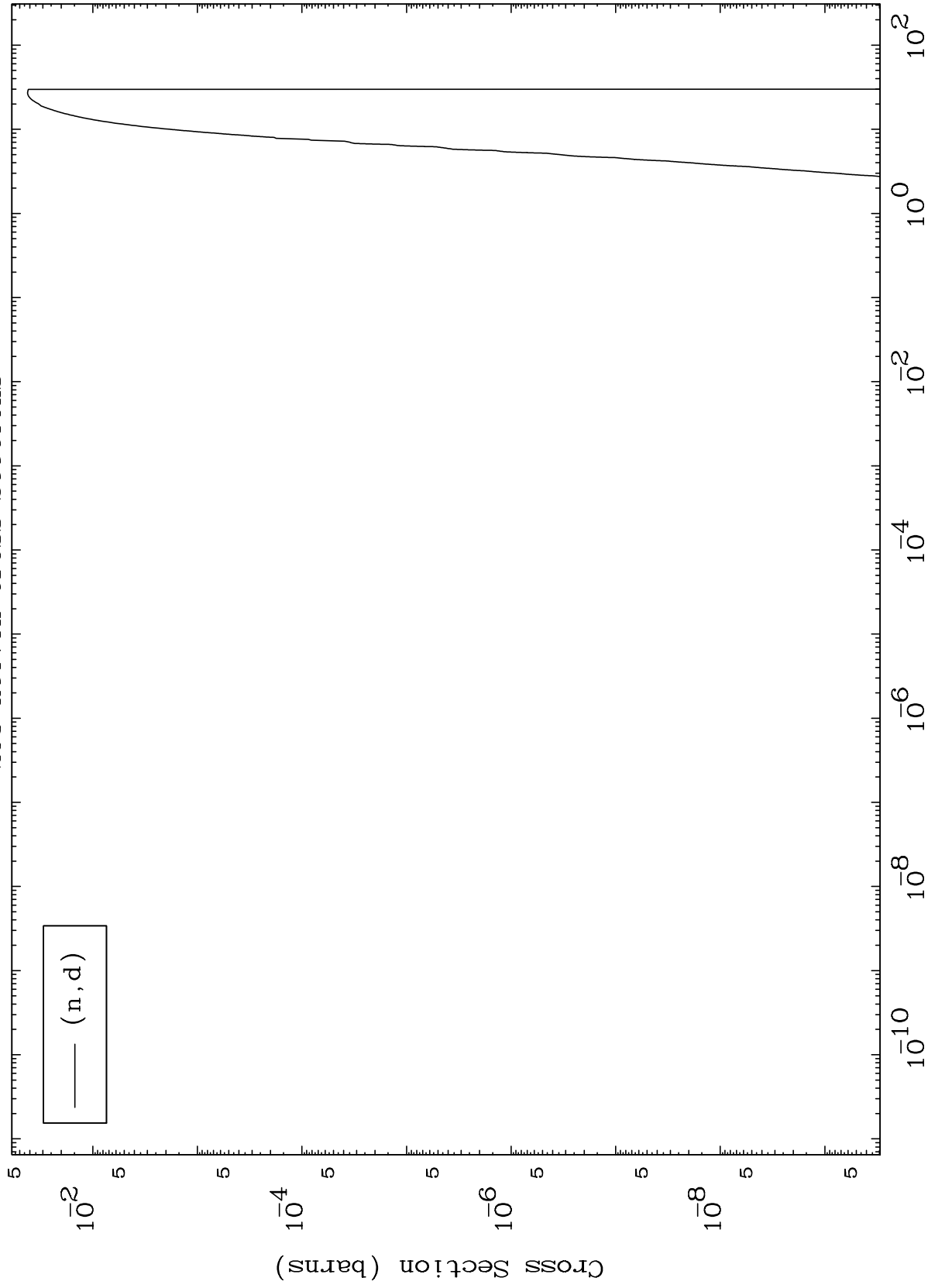
81-Tl-184



MAT 8068

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-184



10

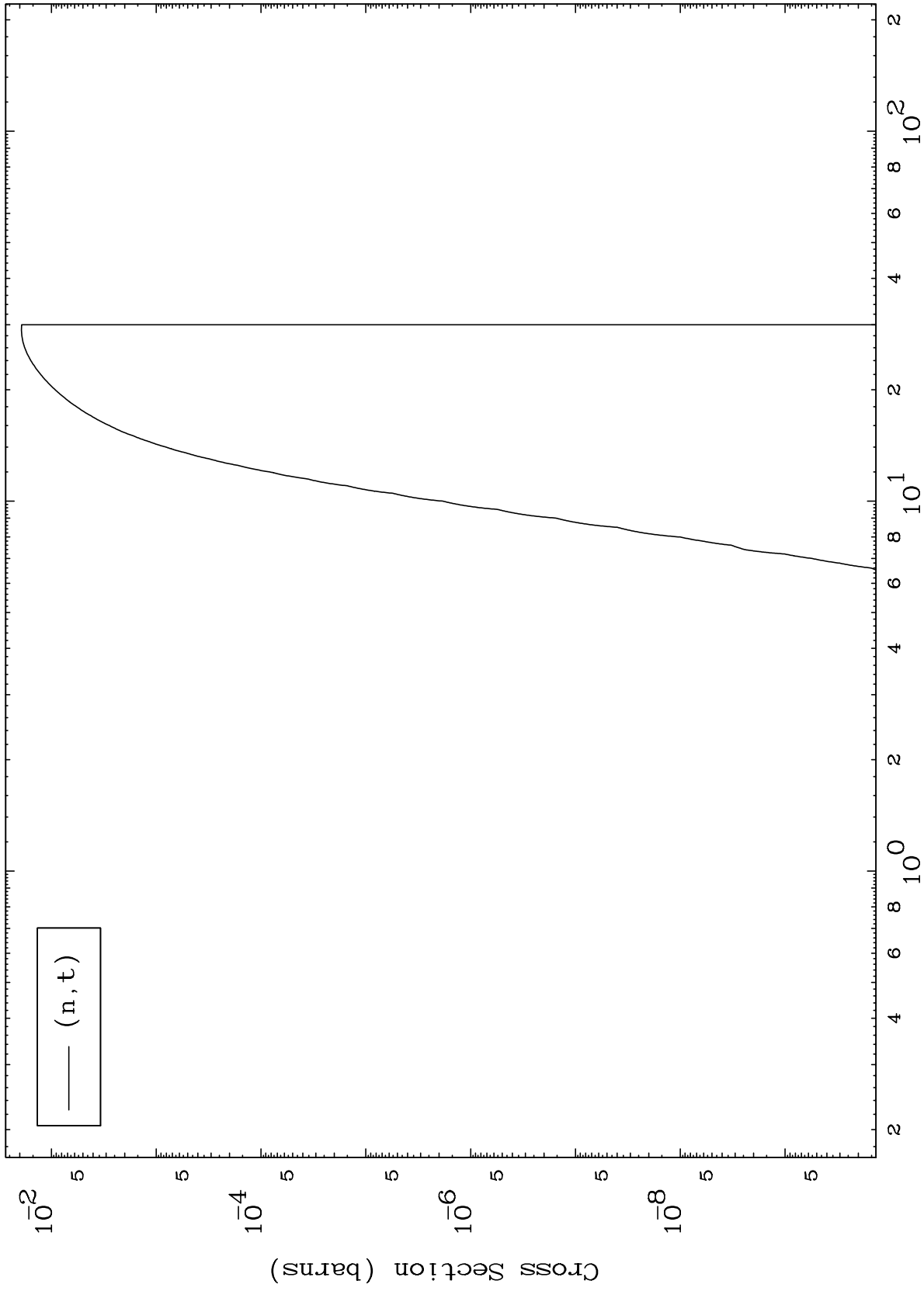
Incident Energy (MeV)

81-Tl-184

MAT 8068

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-184



11

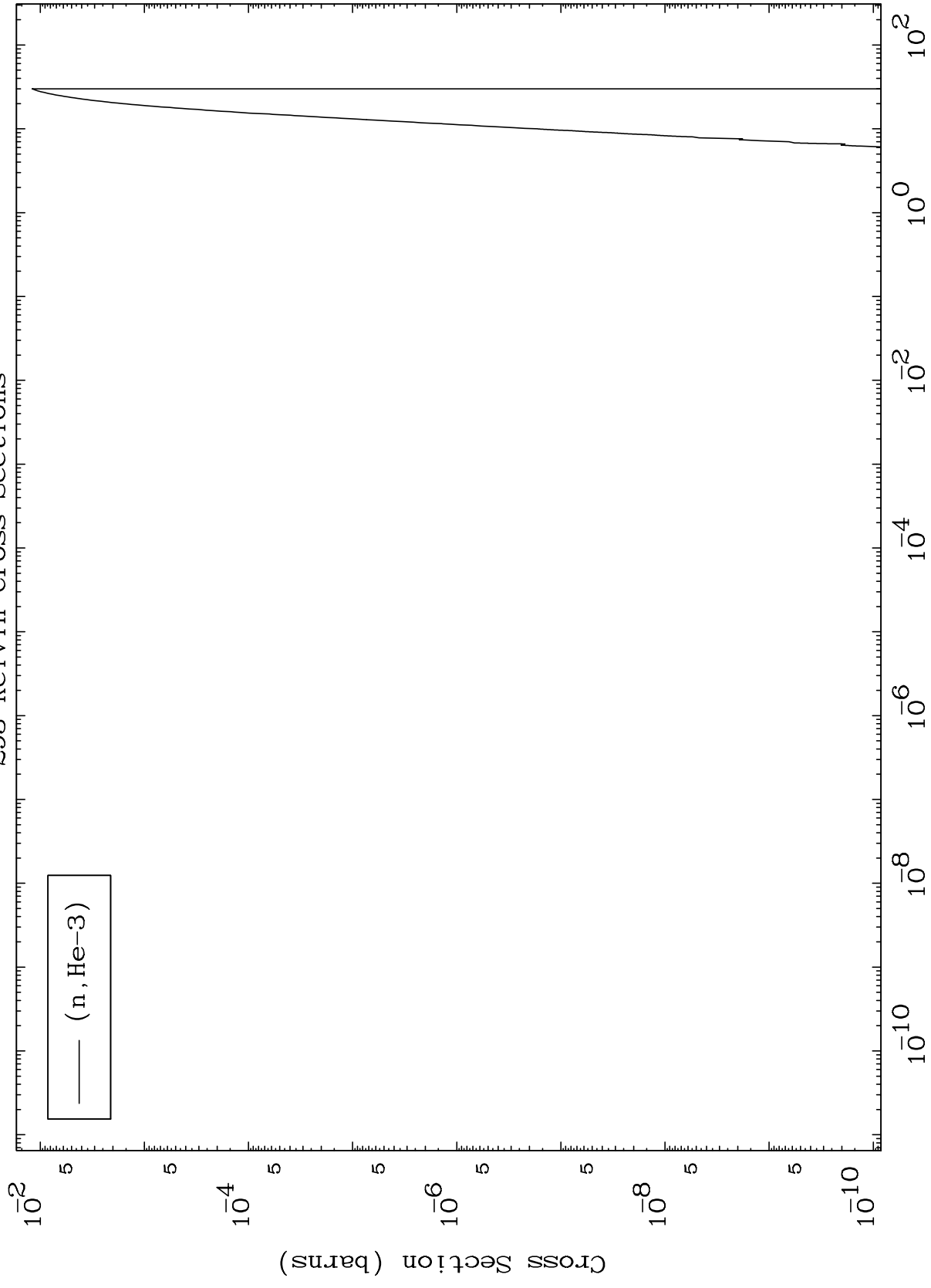
Incident Energy (MeV)

81-Tl-184

MAT 8068

(n,He3) Levels
293 Kelvin Cross Sections

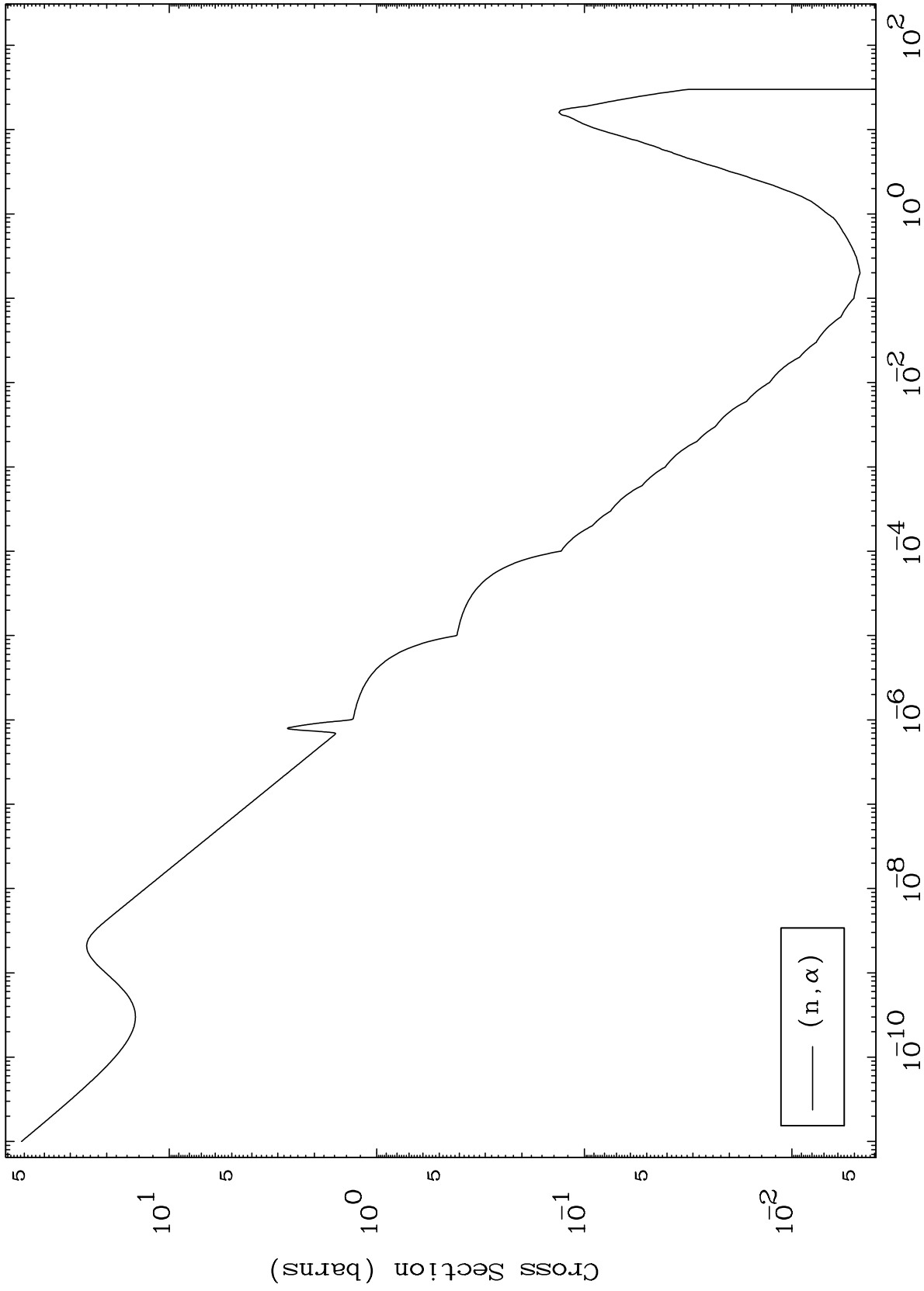
81-Tl-184



MAT 8068

(n,α) Levels
293 Kelvin Cross Sections

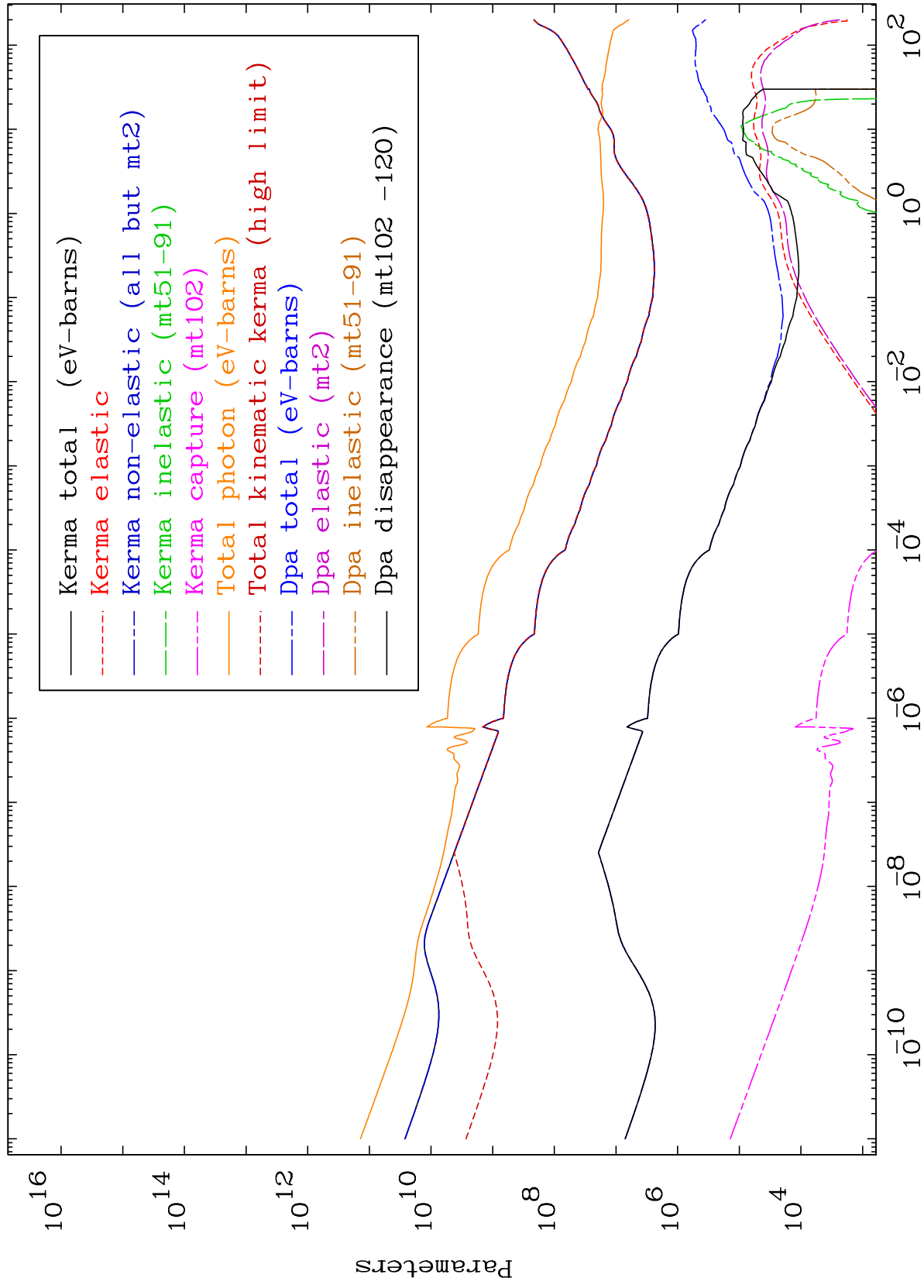
81-Tl-184



13

Incident Energy (MeV)

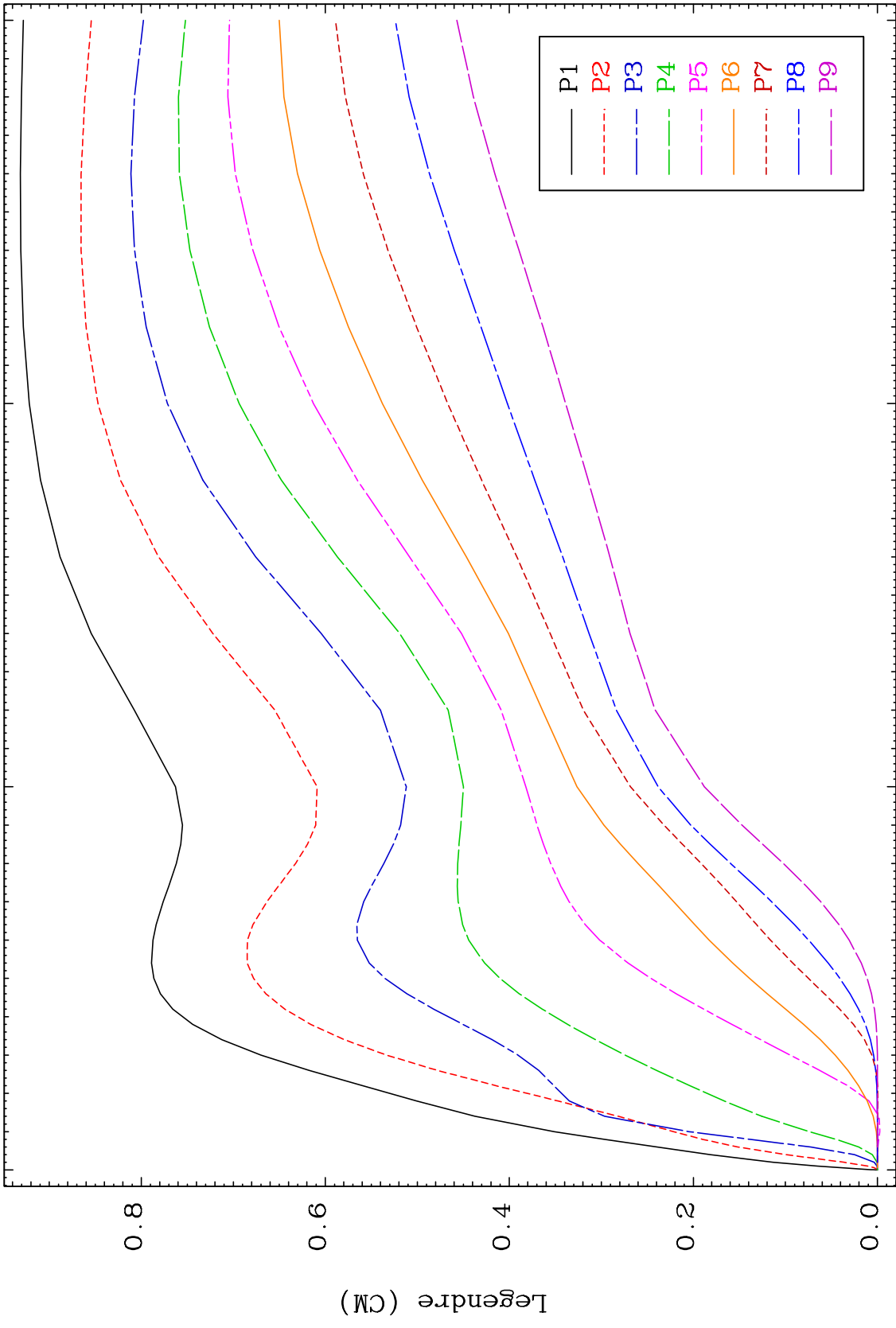
81-Tl-184



MAT 8068

Elastic Legendre Coefficients

81-T1-184



15

Incident Energy (MeV)

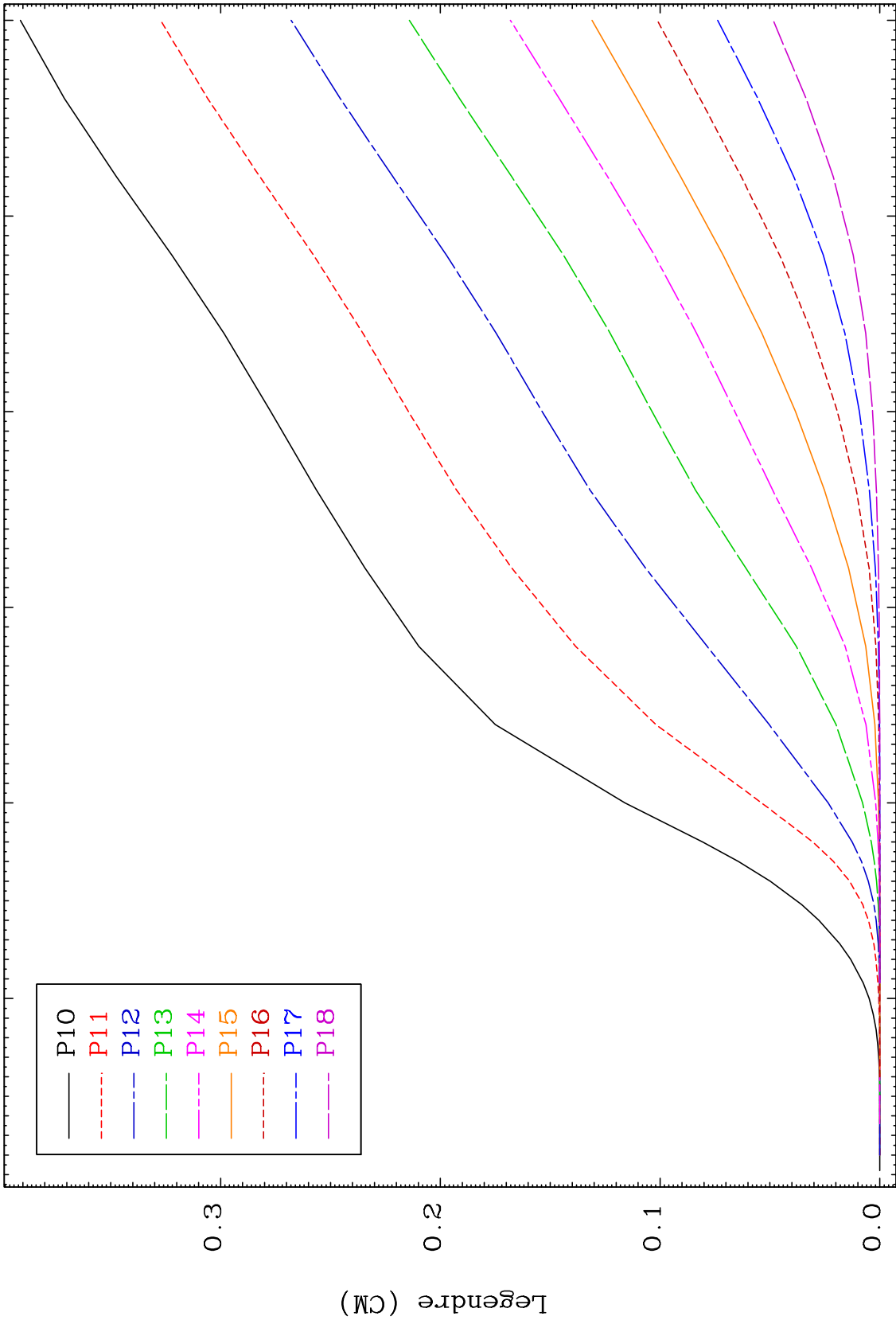
81-T1-184

30

MAT 8068

Elastic Legendre Coefficients

81-Tl-184



16

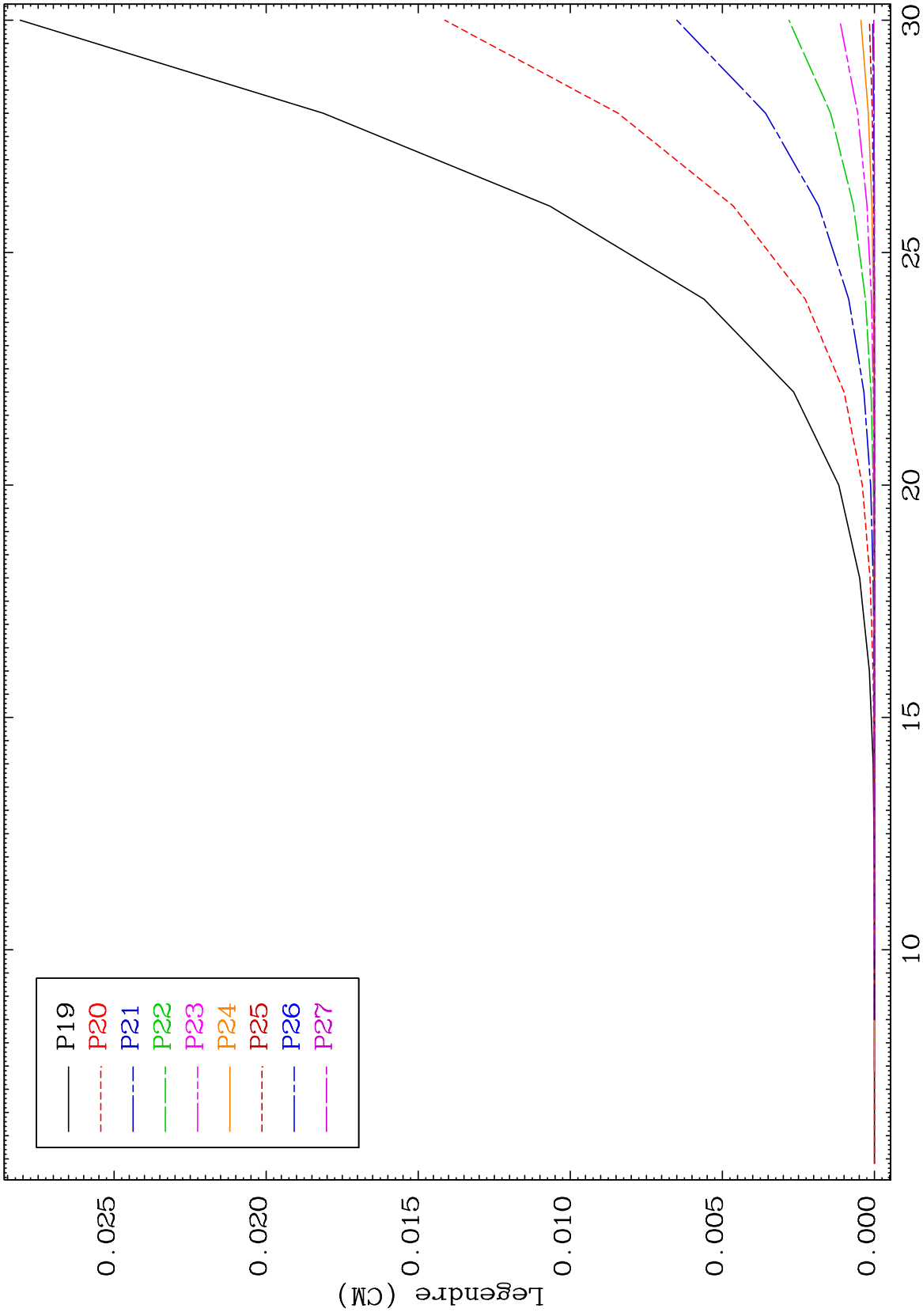
Incident Energy (MeV)

81-Tl-184

MAT 8068

Elastic Legendre Coefficients

81-Tl-184



17

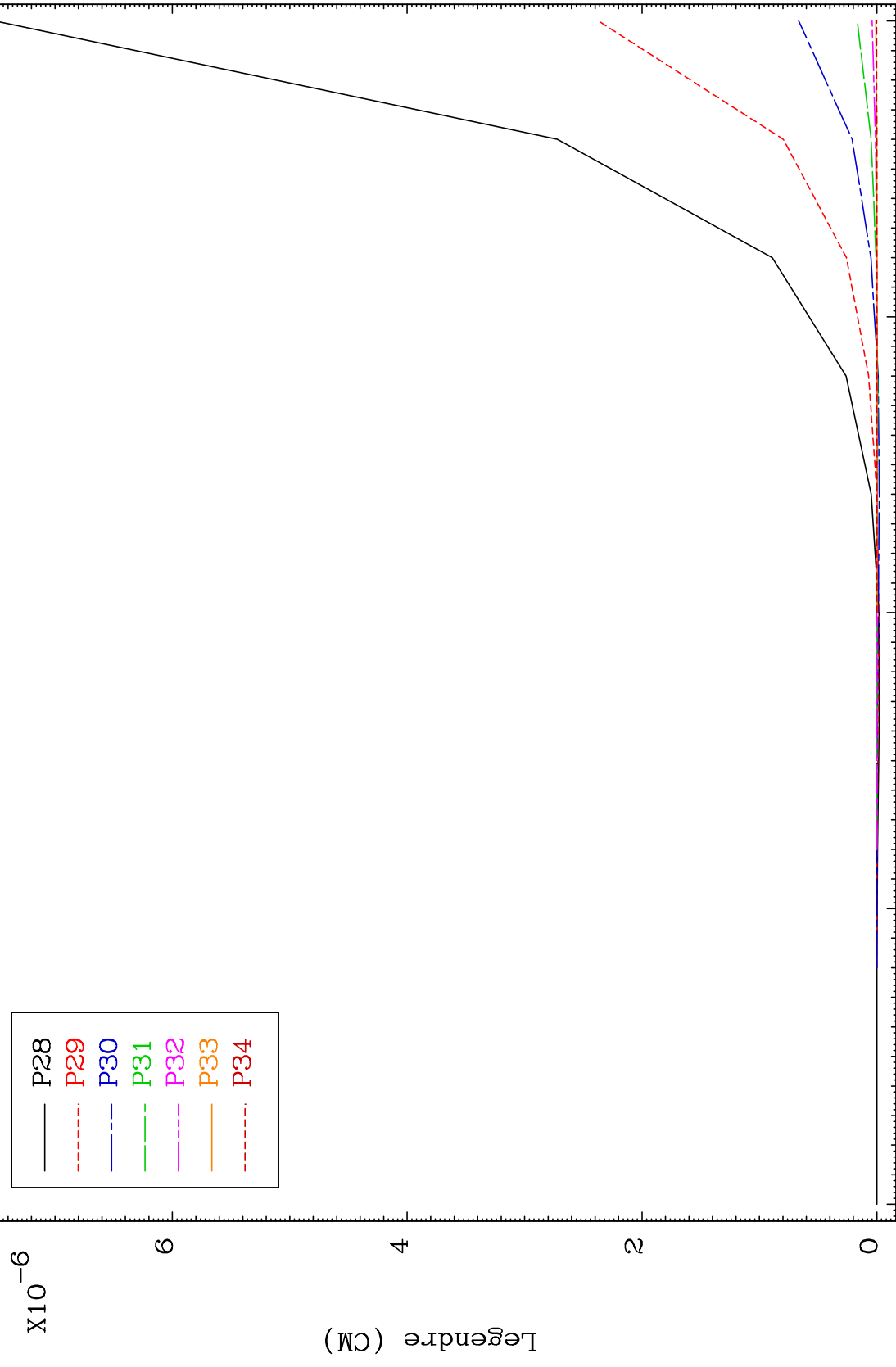
Incident Energy (MeV)

81-Tl-184

MAT 8068

Elastic Legendre Coefficients

81-T1-184



10

15

20

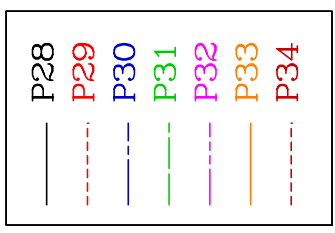
25

30

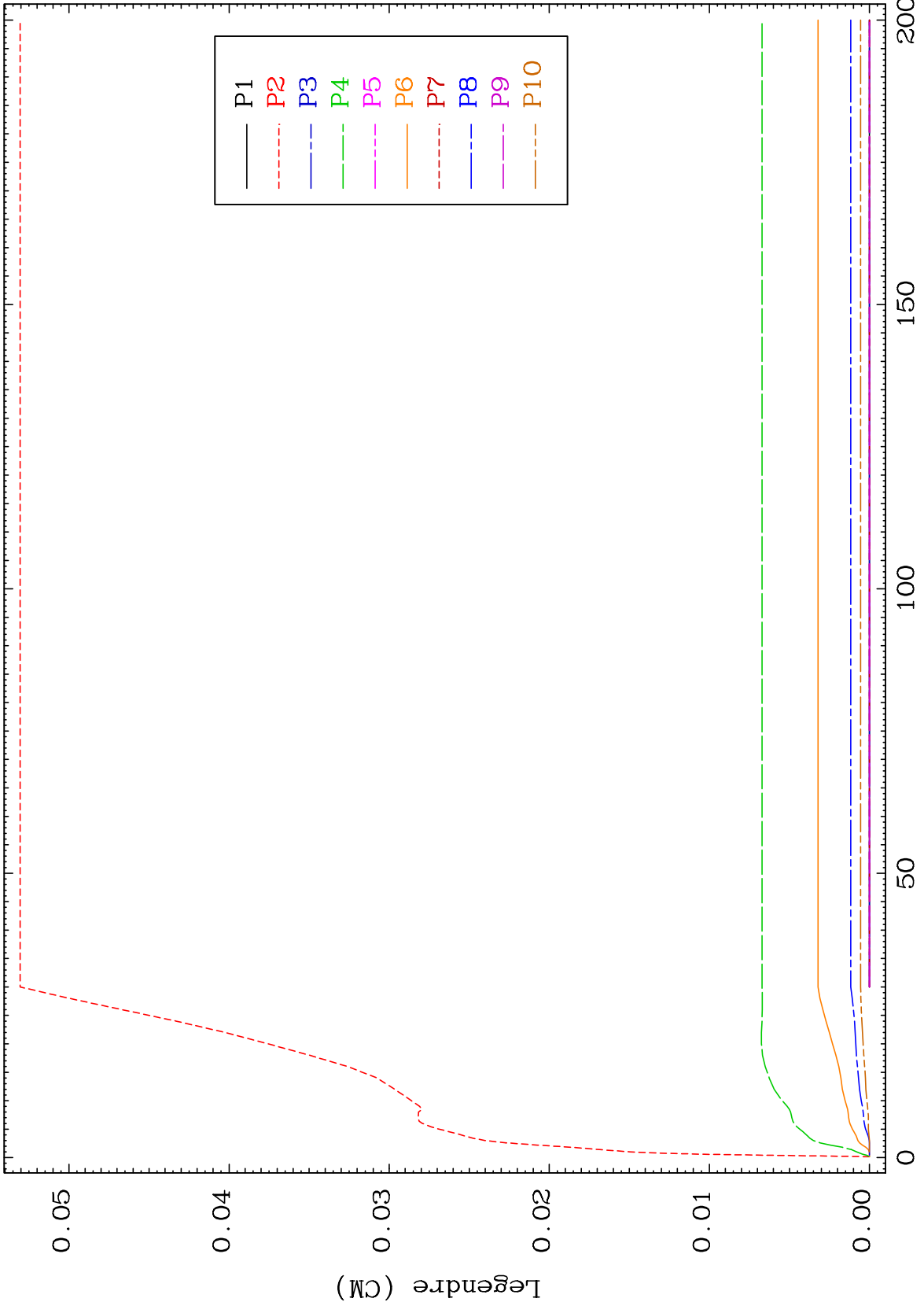
Incident Energy (MeV)

81-T1-184

Legendre (CM)
X10⁻⁶



MAT 8068 MT= 51 (n,n') Level Legendre Coefficients 81-T1-184

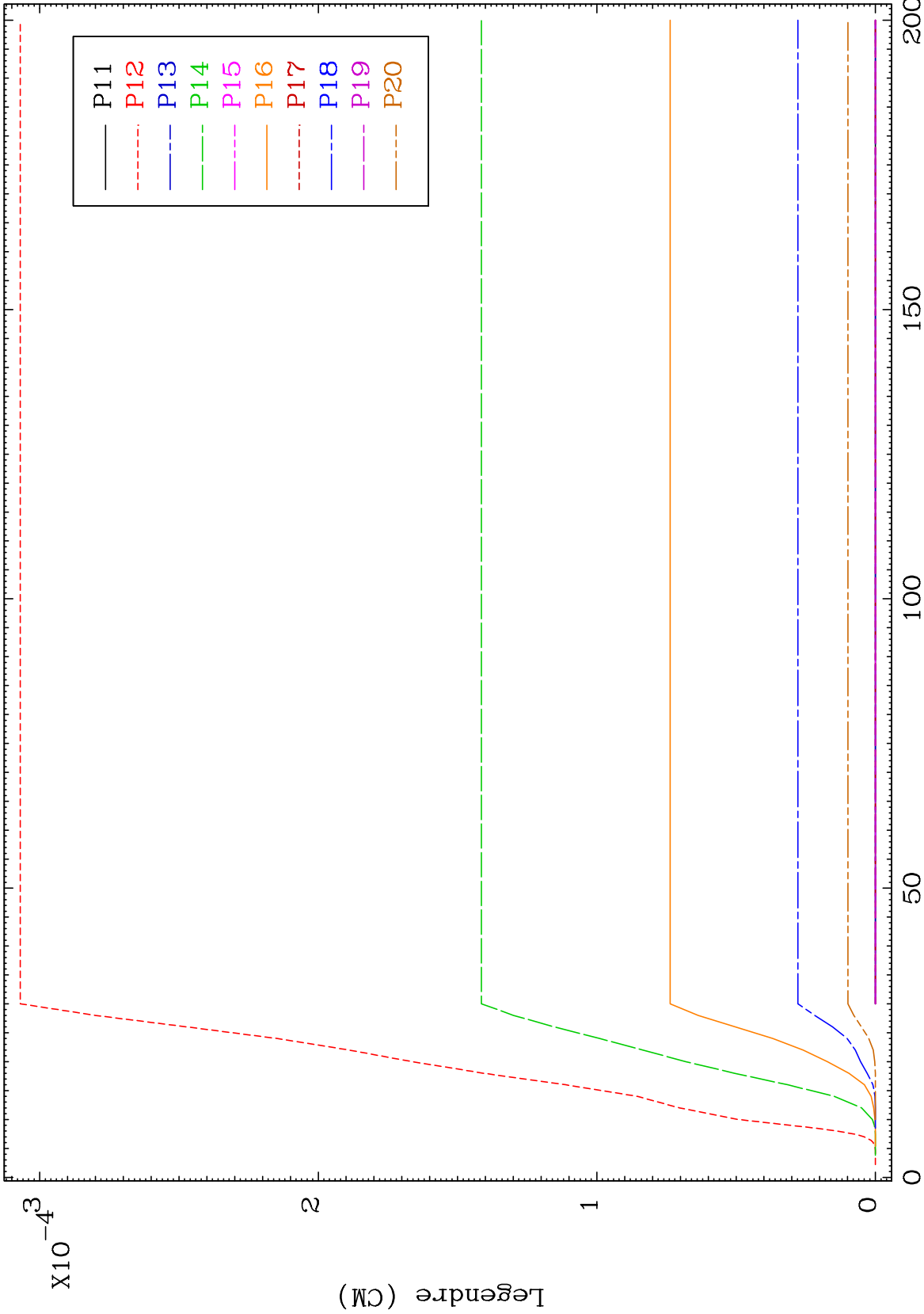


19 81-T1-184

MAT 8068

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

81-Tl-184



81-Tl-184

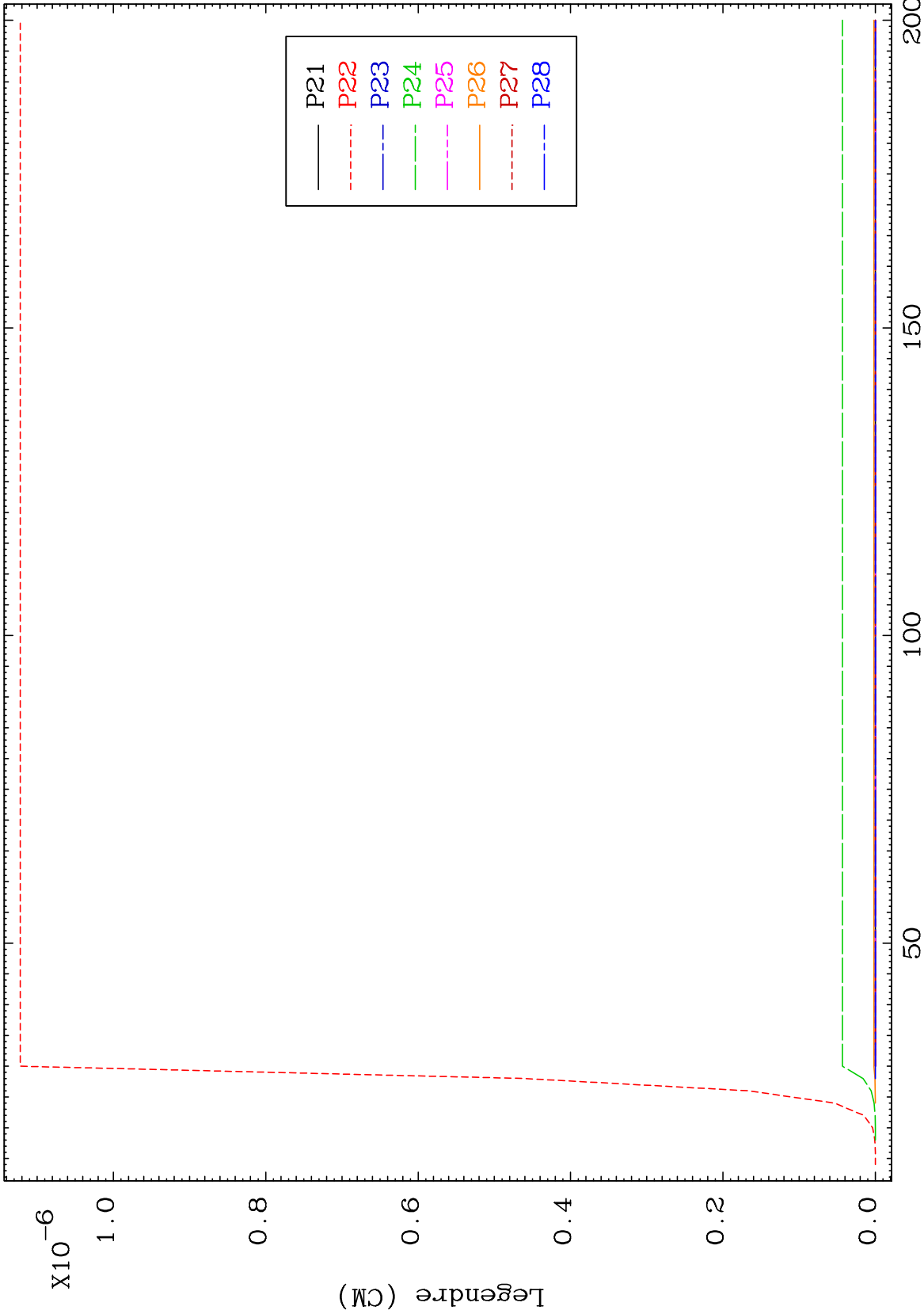
Incident Energy (MeV)

20

MAT 8068

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

81-Tl-184



21

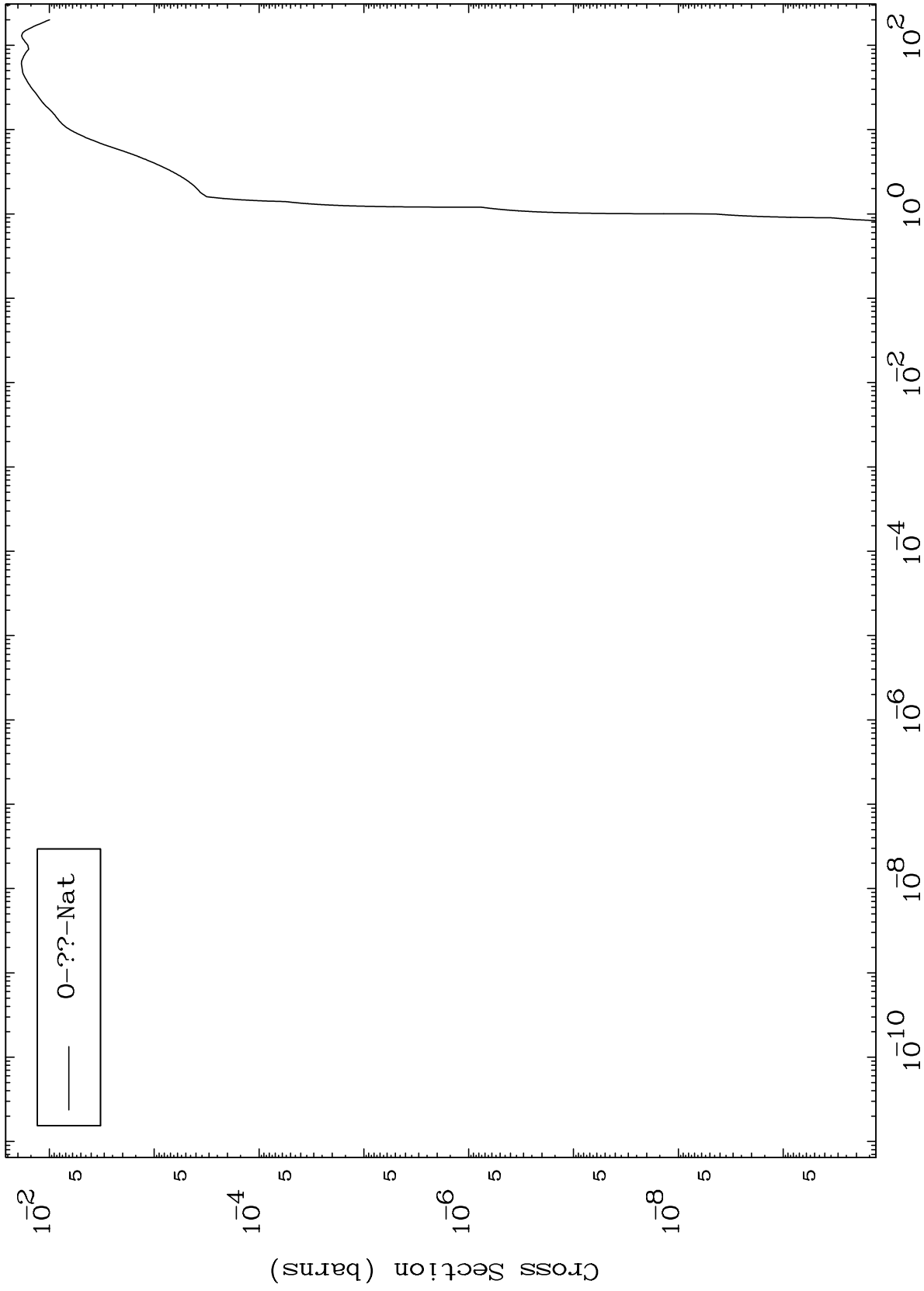
81-Tl-184

MAT 8068

Fission

81-Tl-184

Radionuclide Production Cross Section



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Incident Energy (MeV)

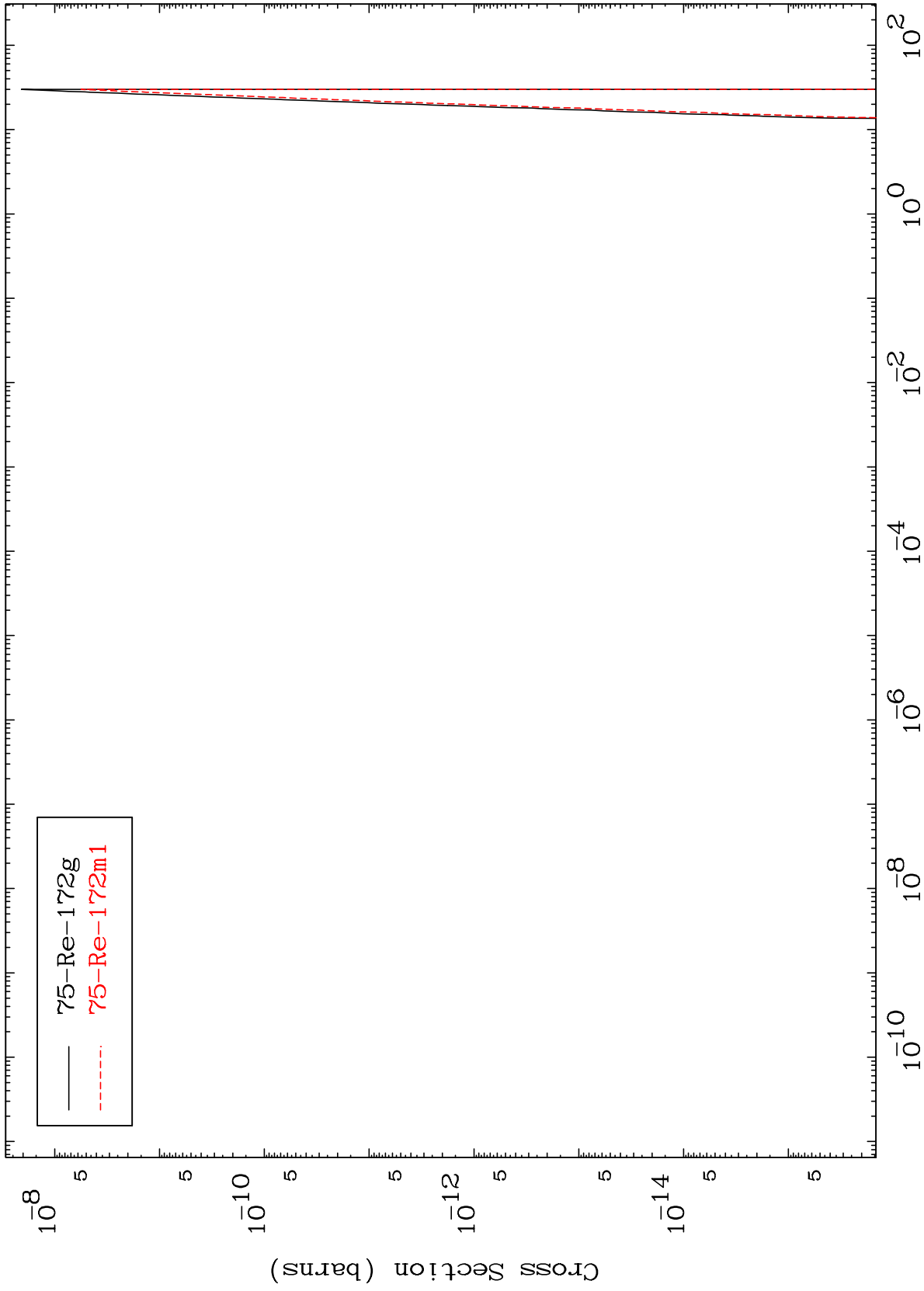
81-Tl-184

MAT 8068

(n,n') 3 α

81-Tl-184

Radionuclide Production Cross Section



23

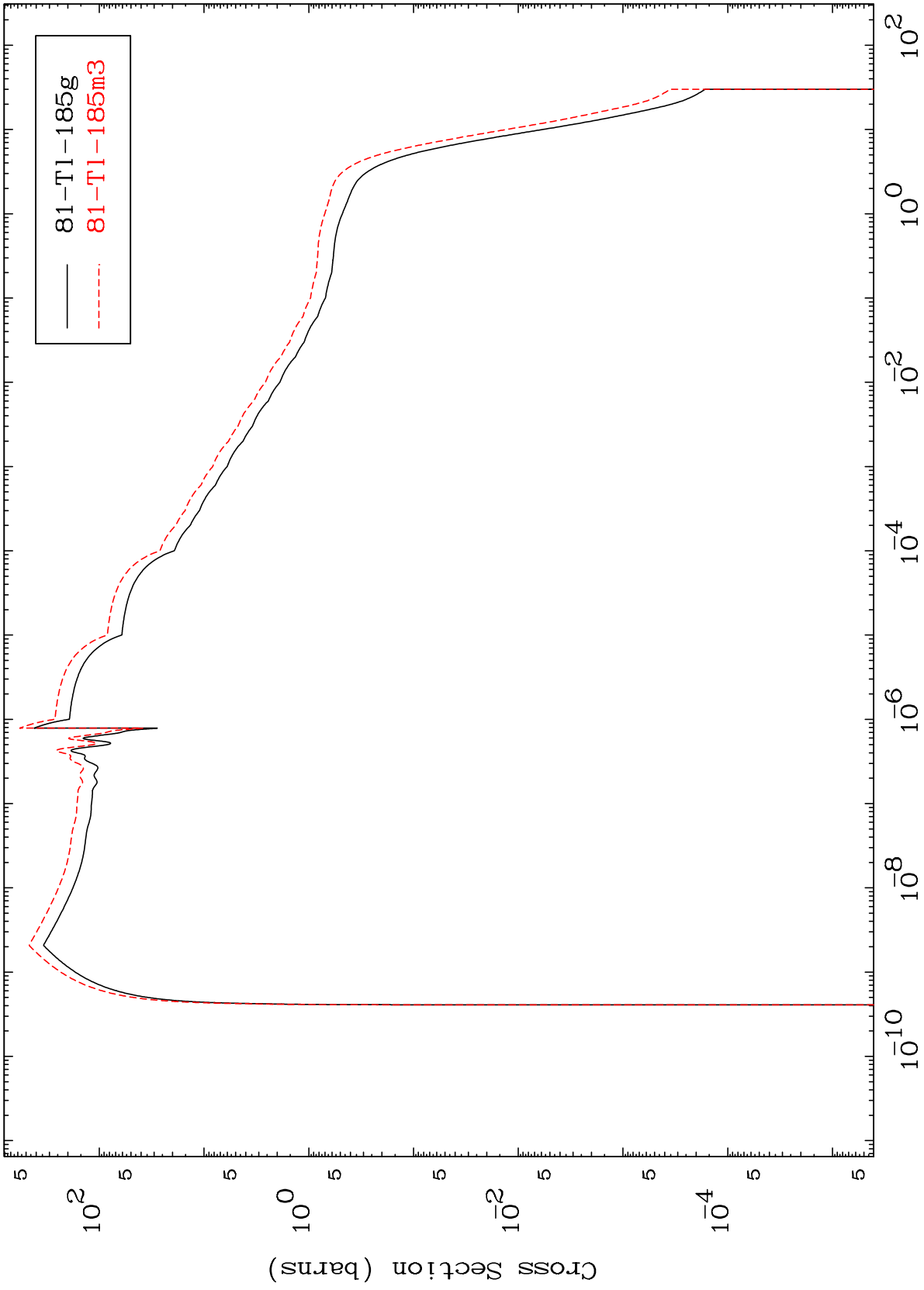
Incident Energy (MeV)

81-Tl-184

MAT 8068

81-Tl-184

(n,γ)
Radionuclide Production Cross Section



24

81-Tl-184