

Program EVALPLOT
(Version 2018-1)

by

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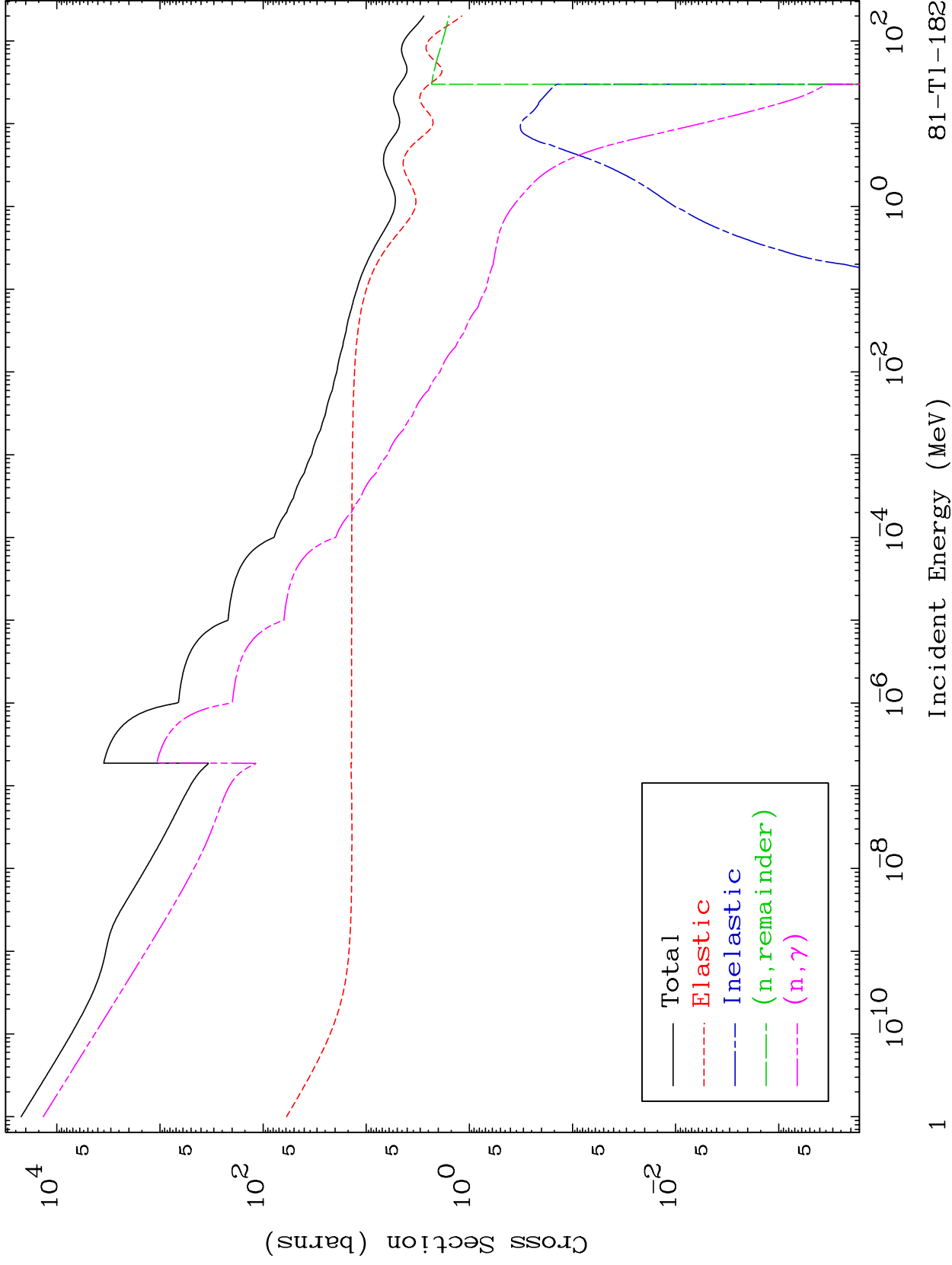
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8062

Major
293 Kelvin Cross Sections

81-T1-182

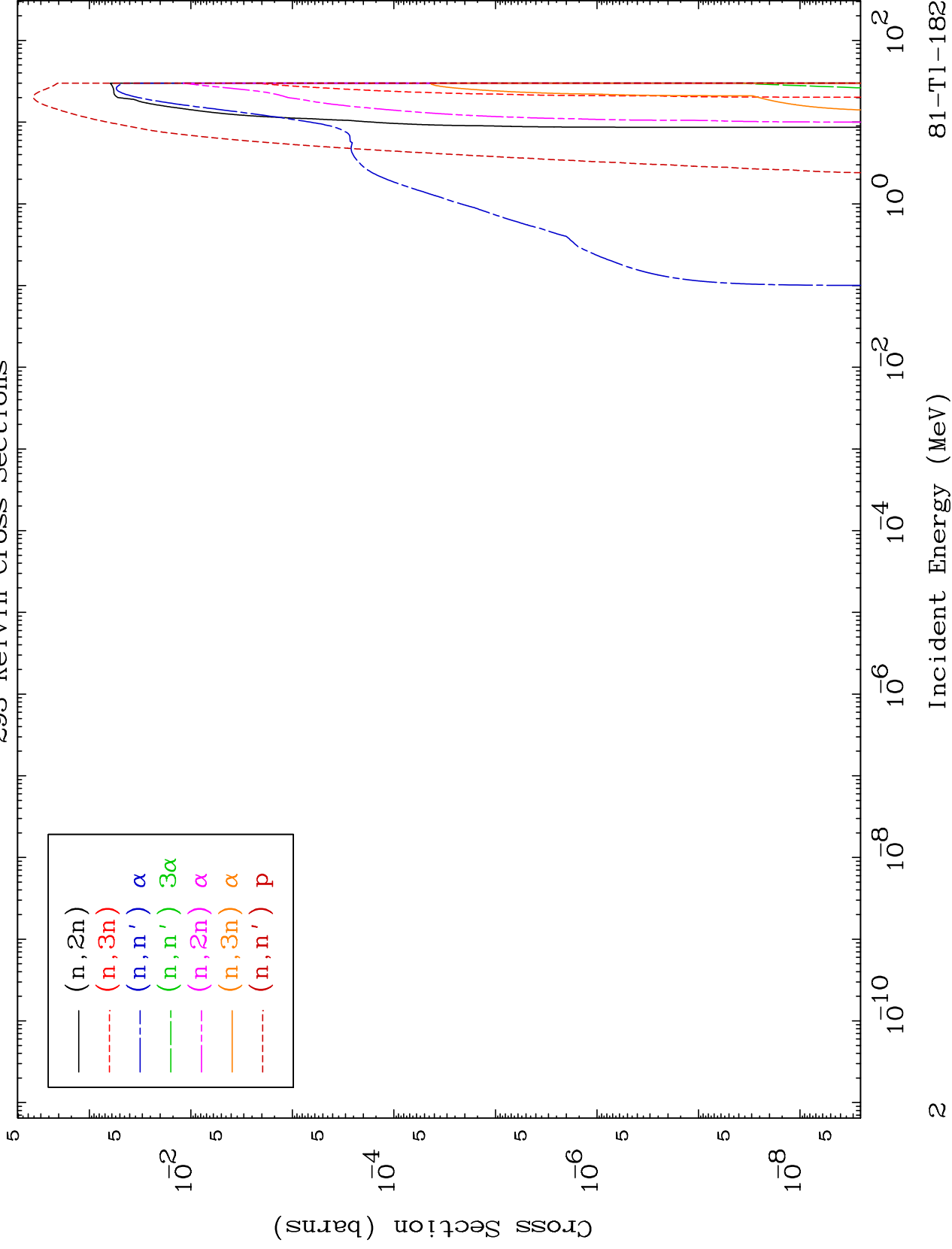


1

MAT 8062

Neutron Production
293 Kelvin Cross Sections

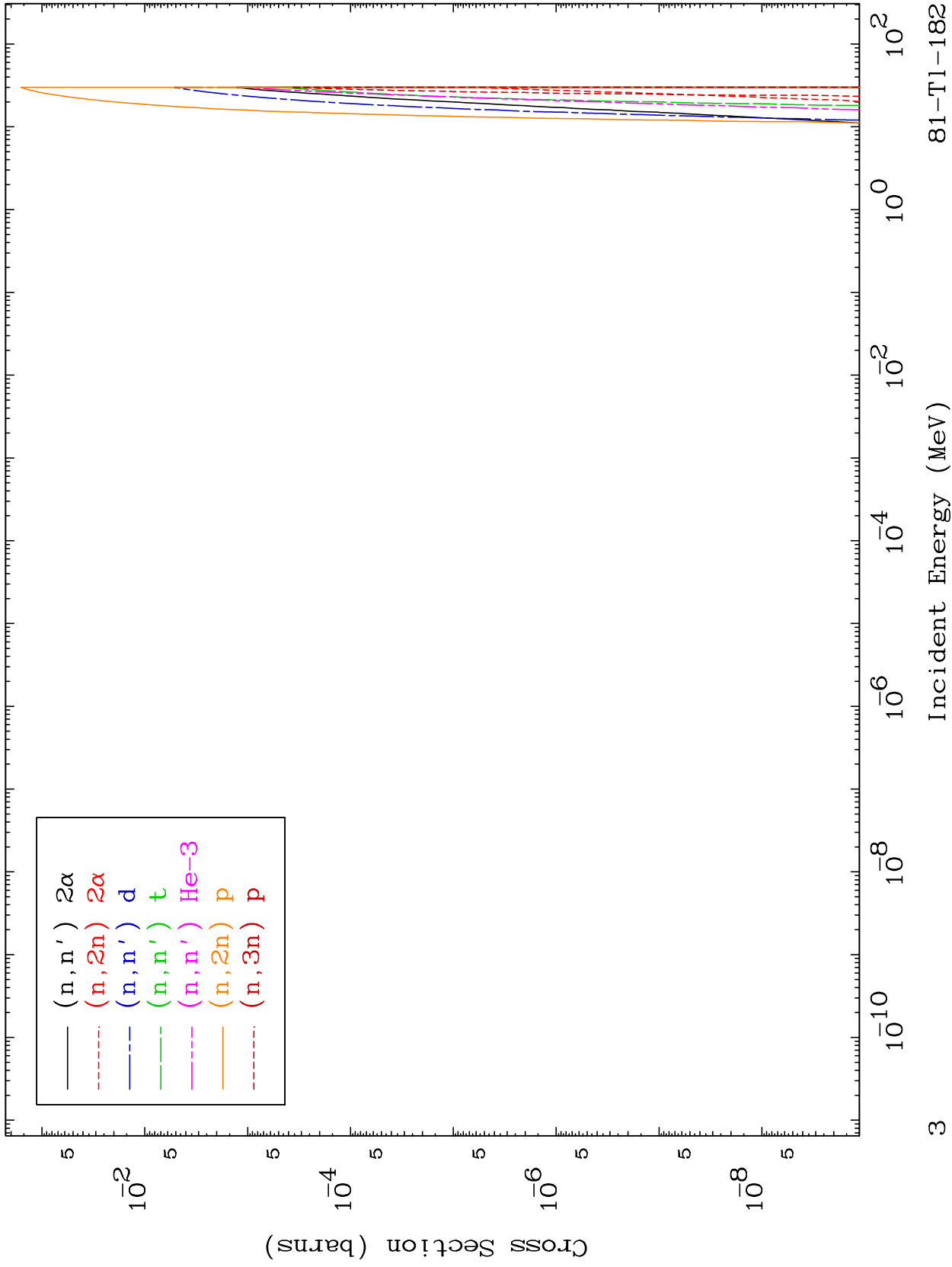
81-Tl-182



MAT 8062

Neutron Production
293 Kelvin Cross Sections

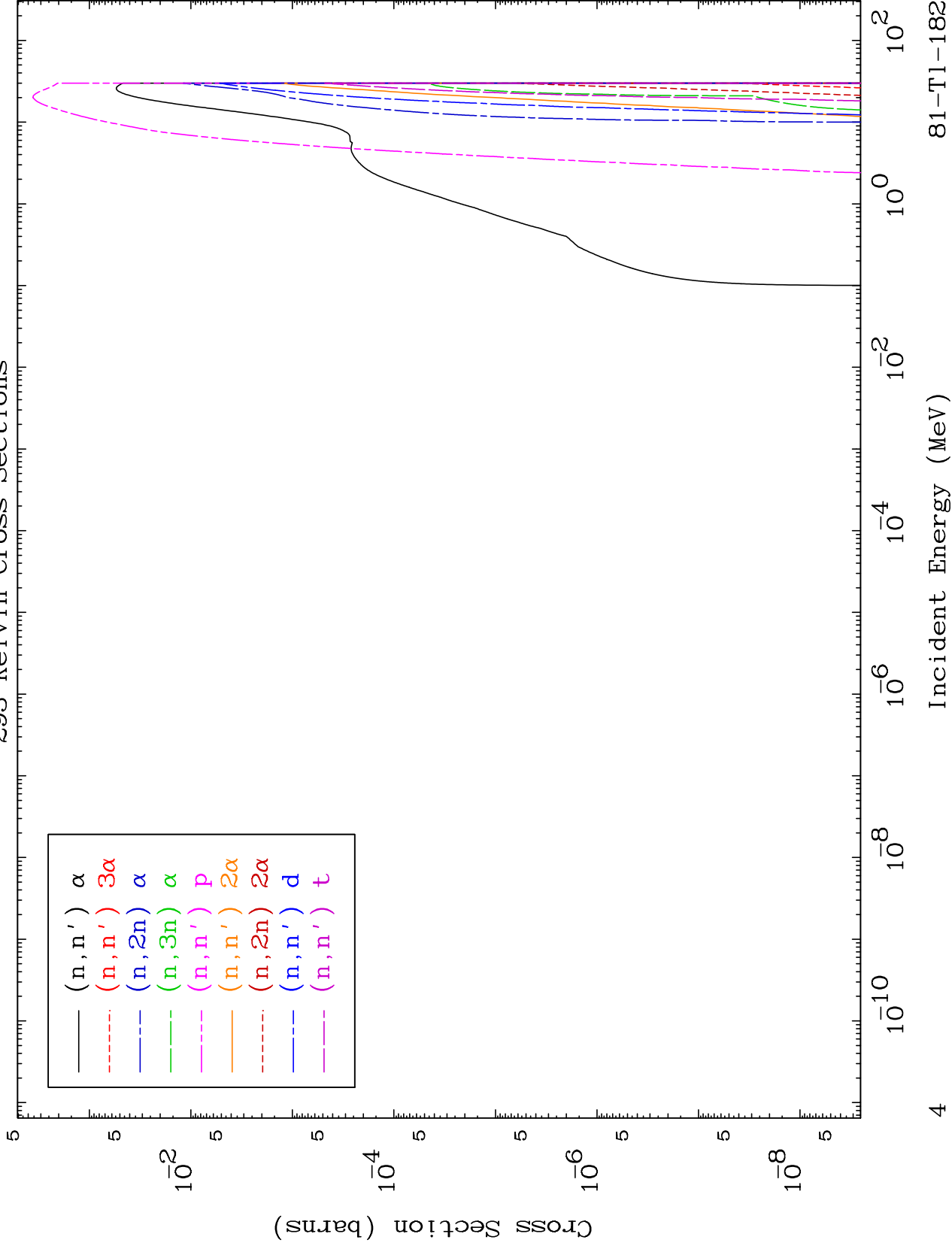
81-Tl-182



MAT 8062

293 Kelvin Cross Sections
Charged Particle

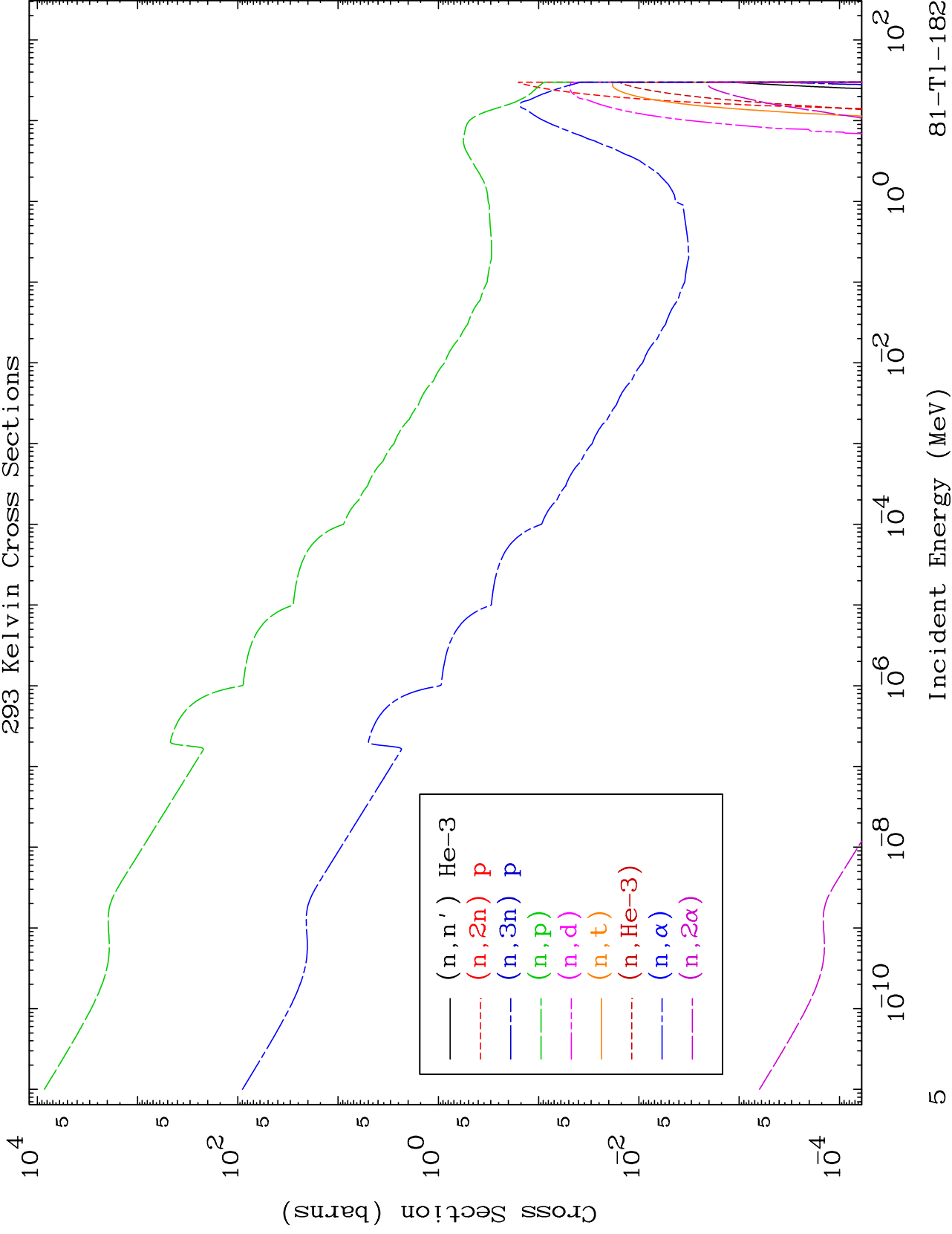
81-Tl-182



MAT 8062

Charged Particle
293 Kelvin Cross Sections

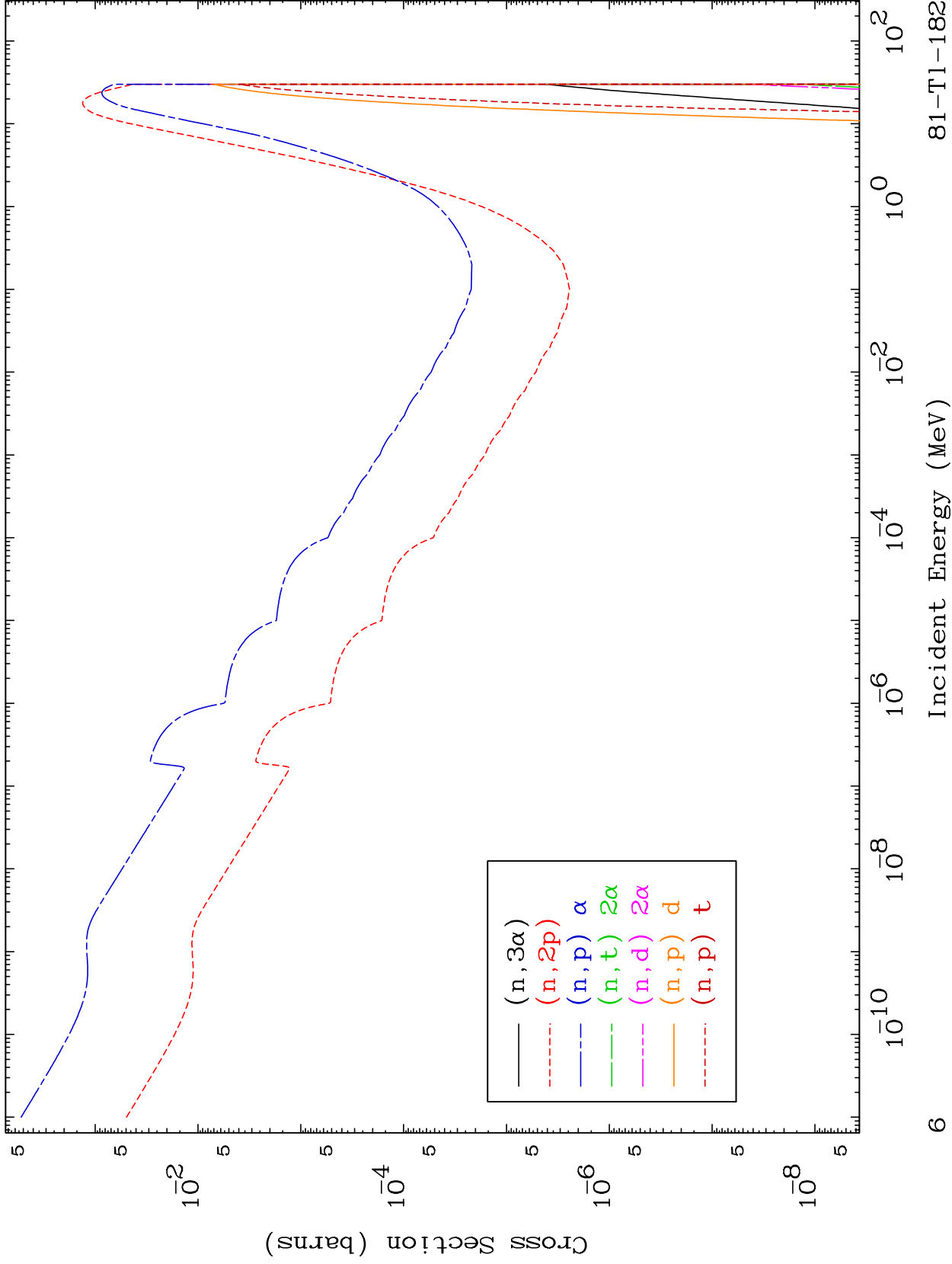
81-Tl-182



MAT 8062

Charged Particle
293 Kelvin Cross Sections

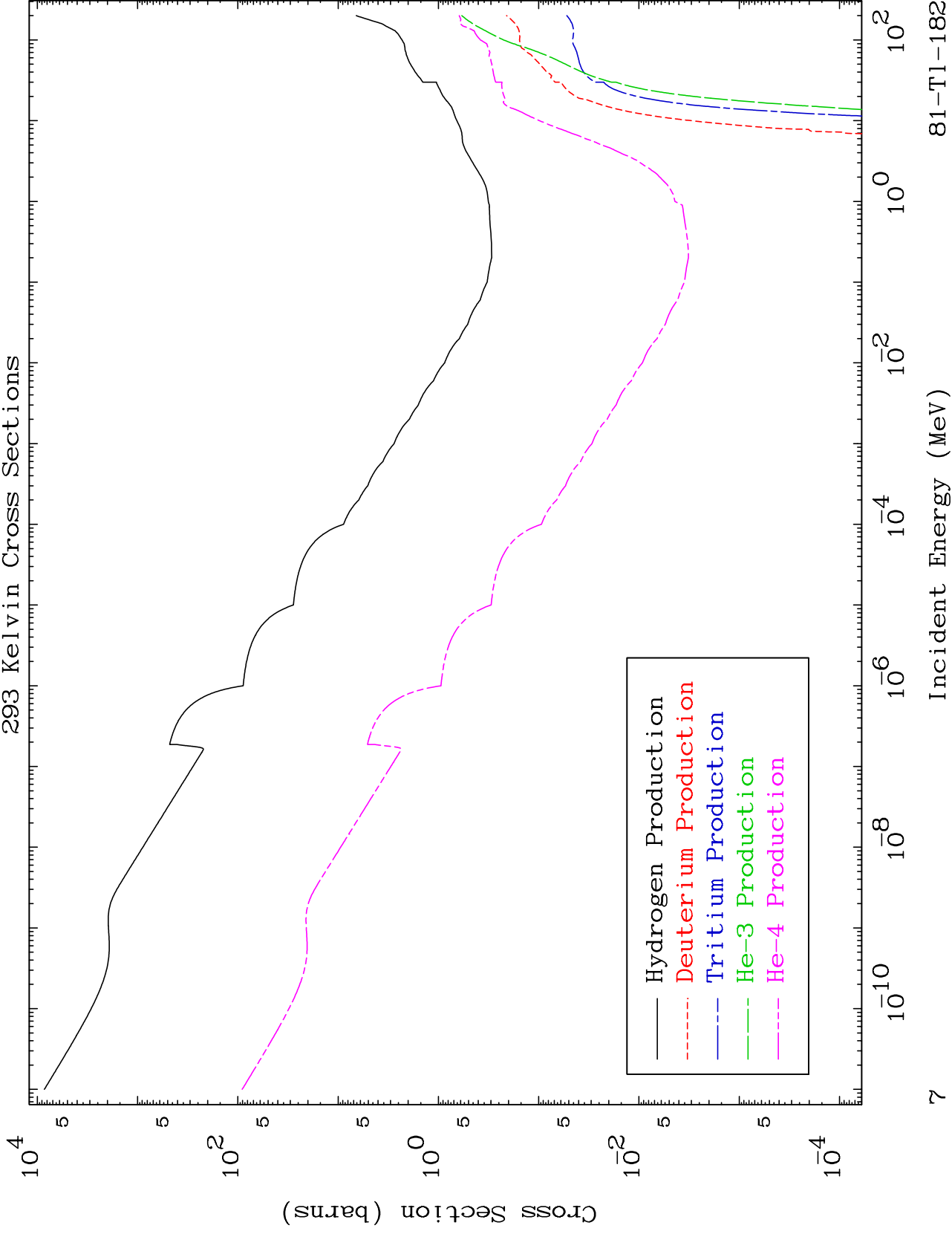
81-Tl-182

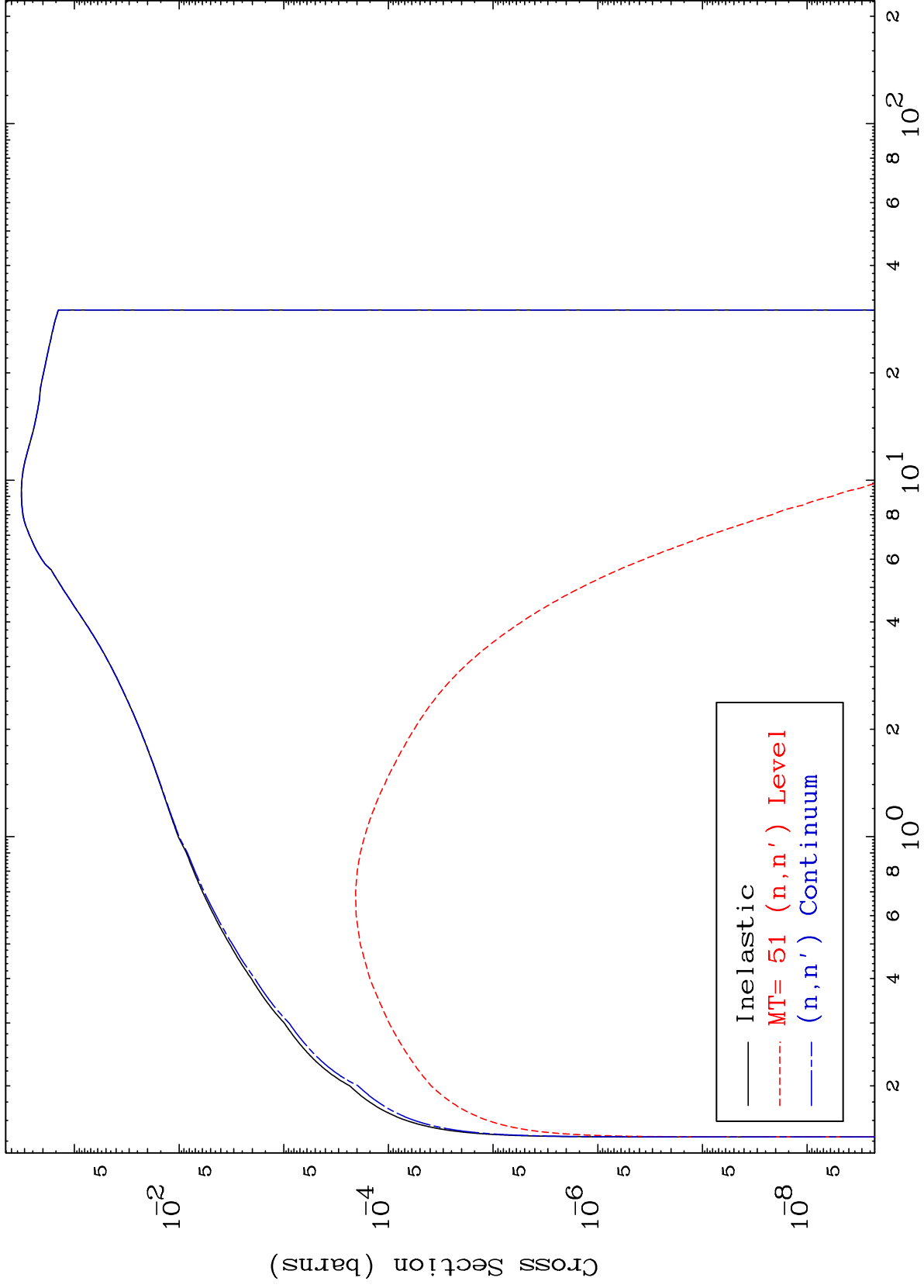


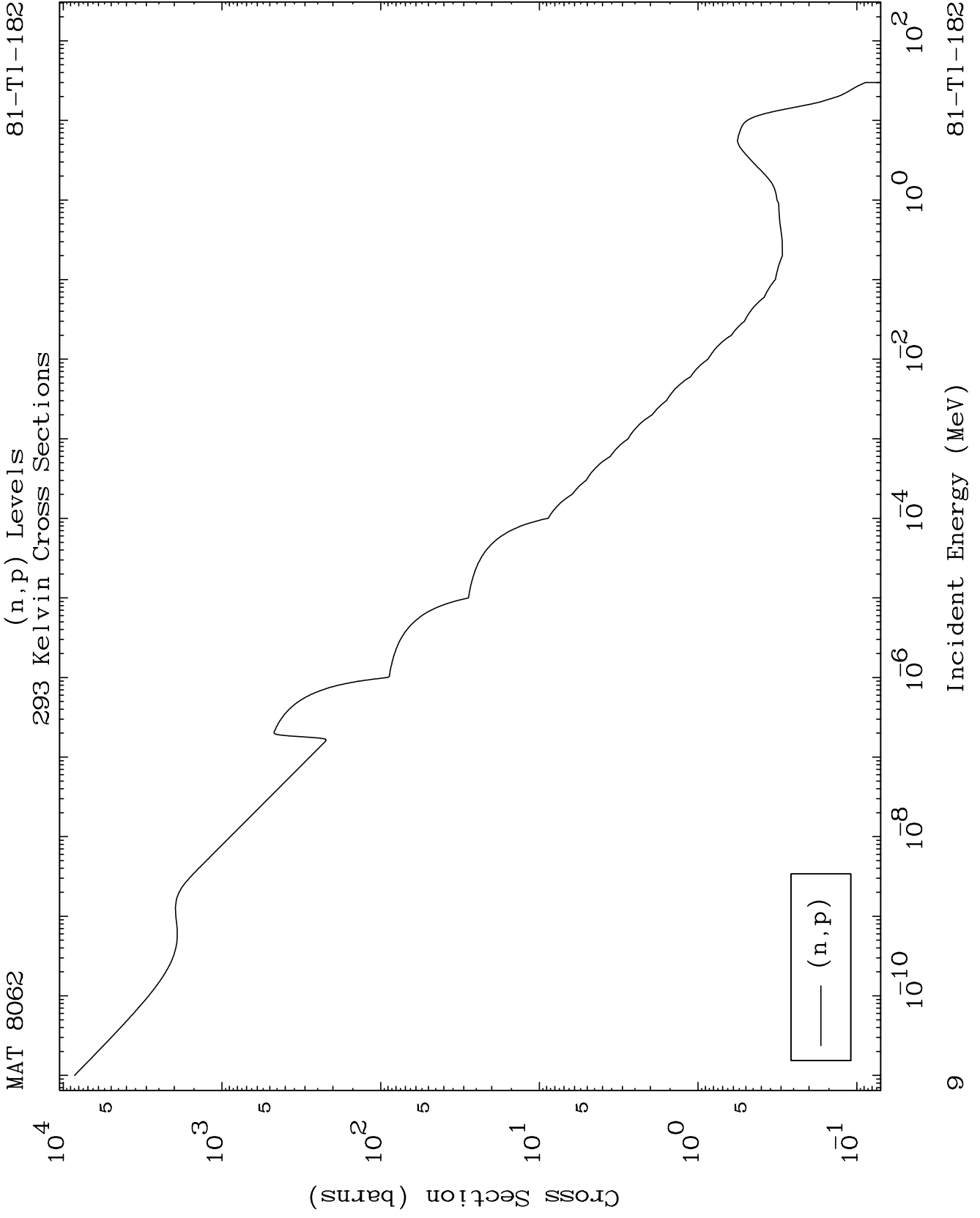
MAT 8062

Particle Production
293 Kelvin Cross Sections

81-T1-182



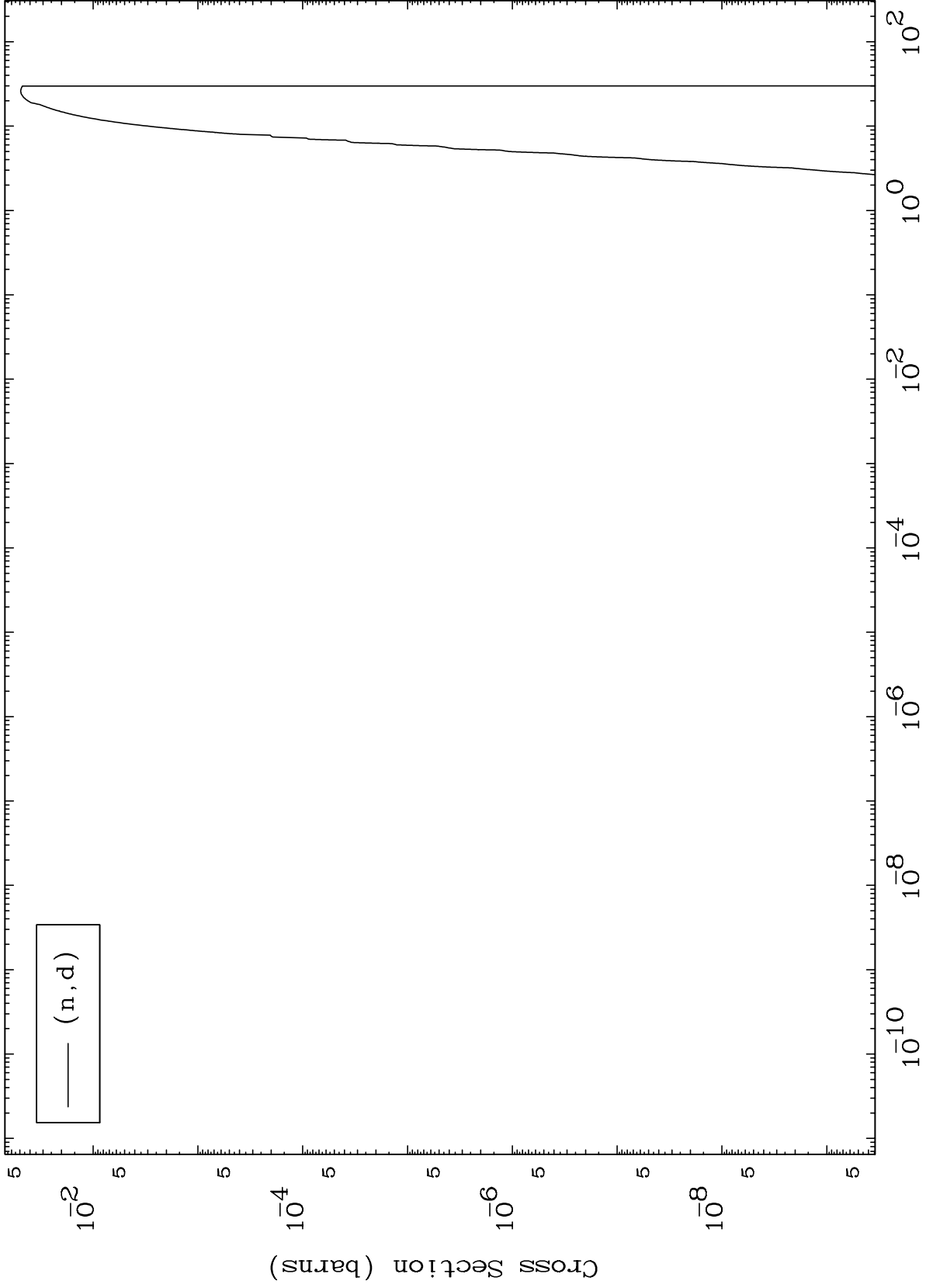




MAT 8062

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-182



10

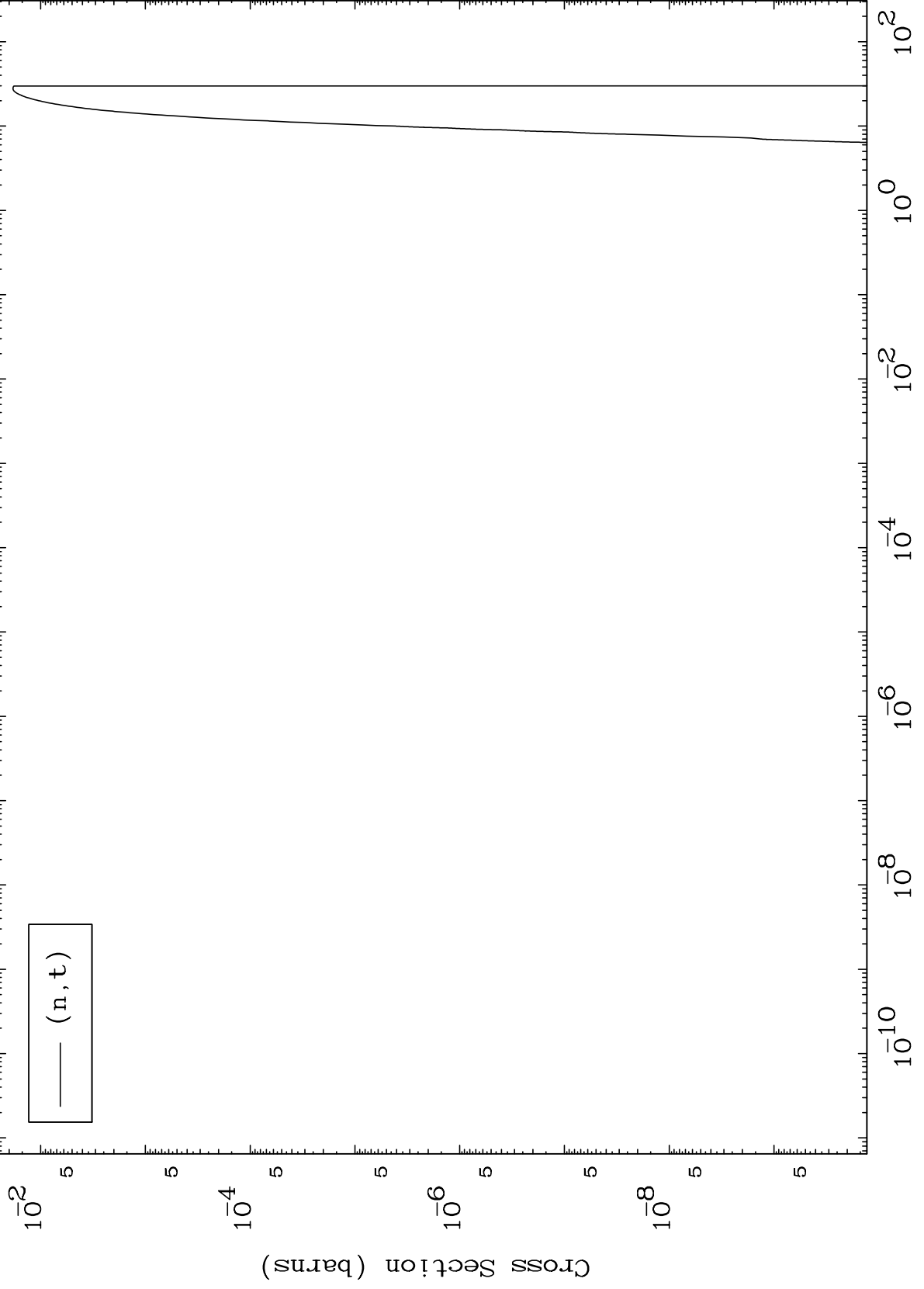
Incident Energy (MeV)

81-Tl-182

MAT 8062

(n,t) Levels
293 Kelvin Cross Sections

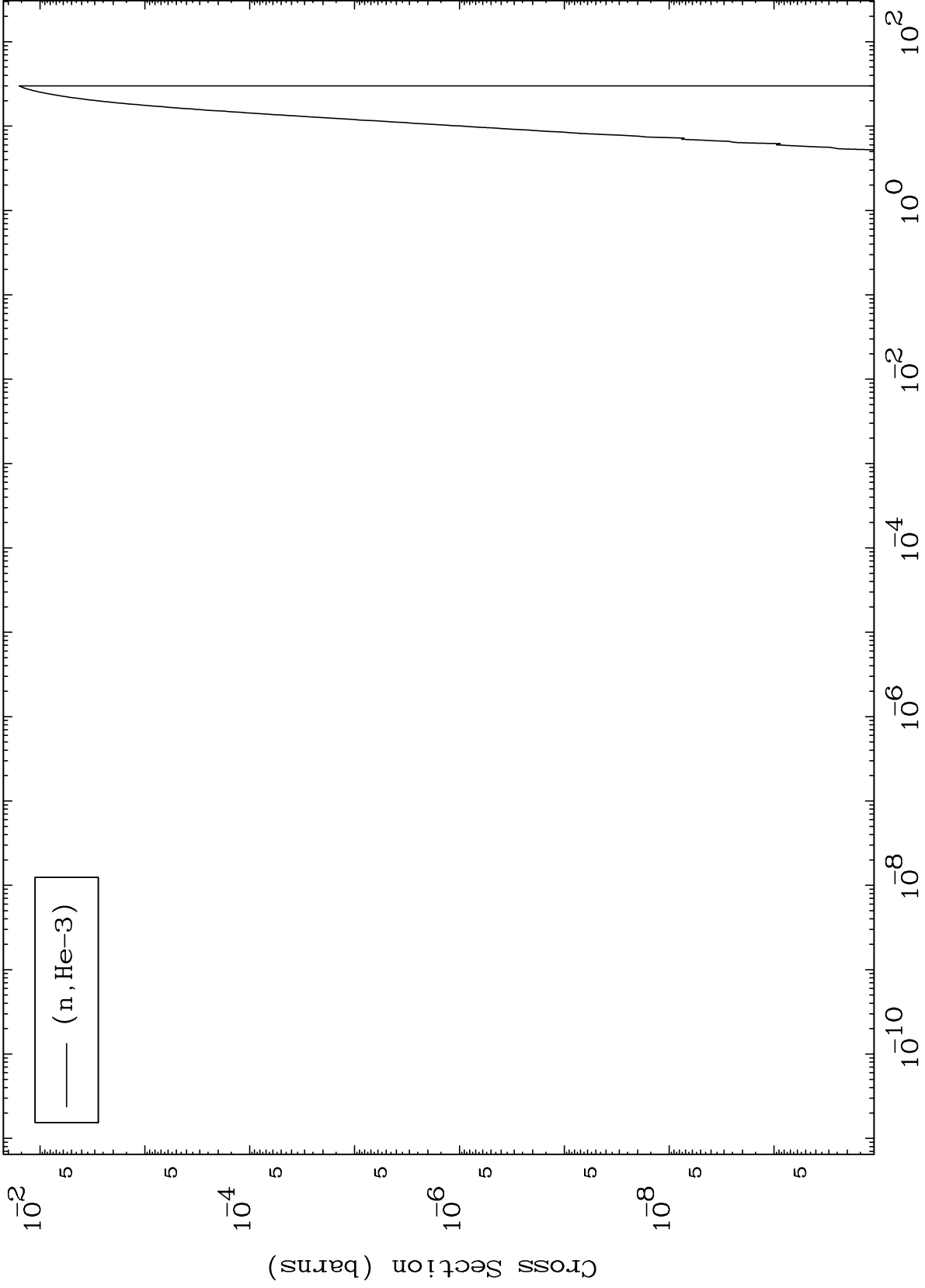
81-Tl-182



MAT 8062

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-182



12

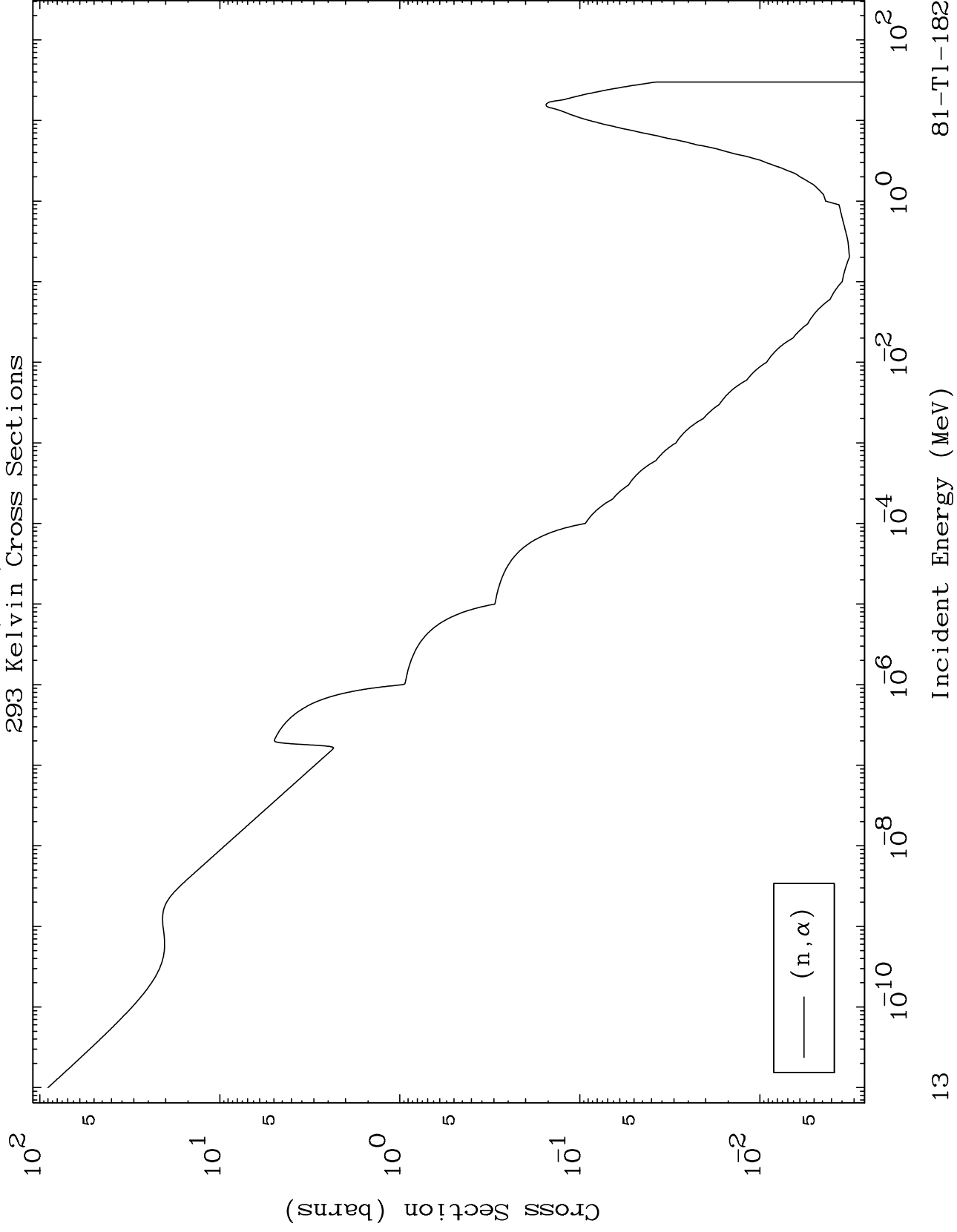
Incident Energy (MeV)

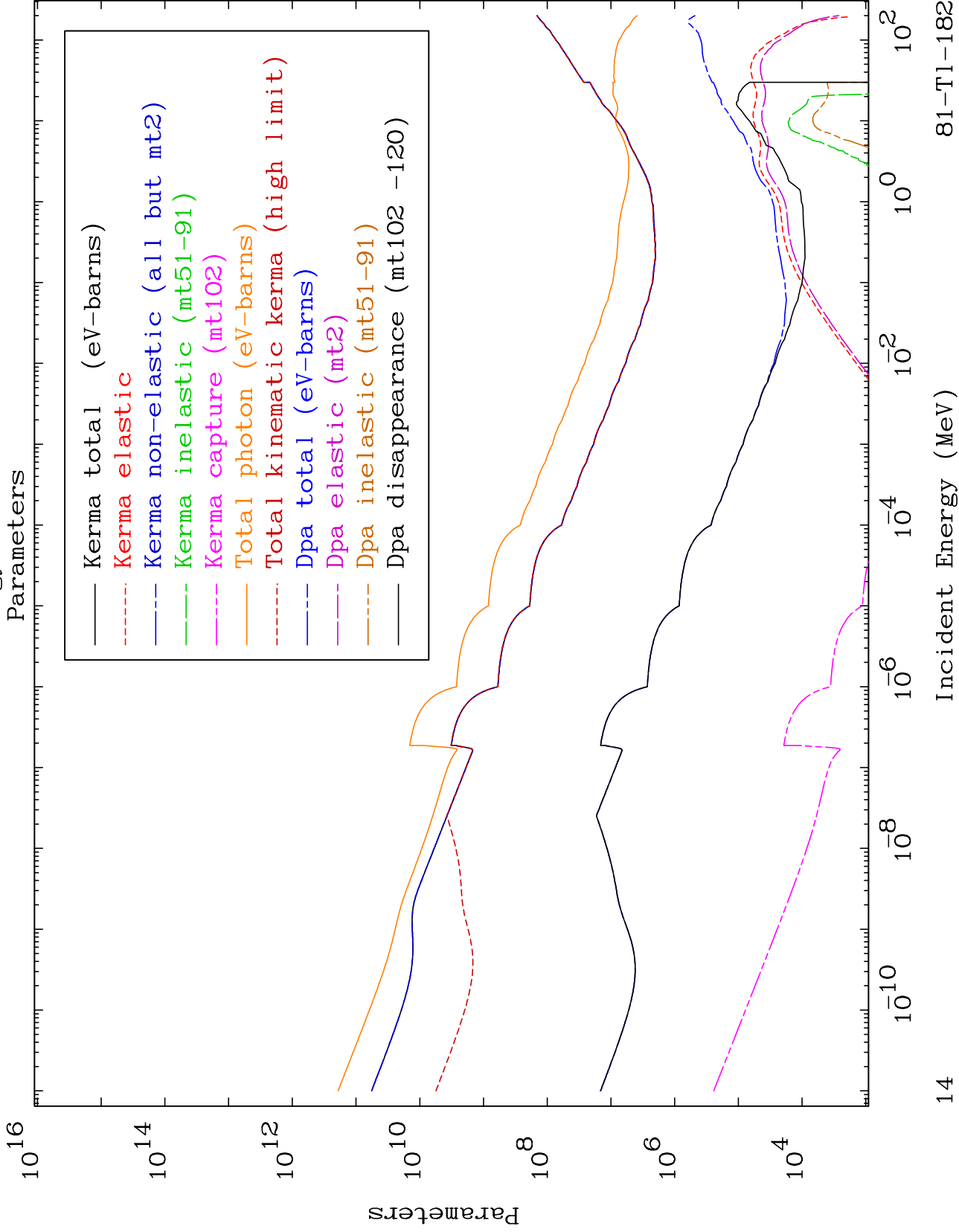
81-T1-182

MAT 8062

(n, α) Levels
293 Kelvin Cross Sections

81-Tl-182

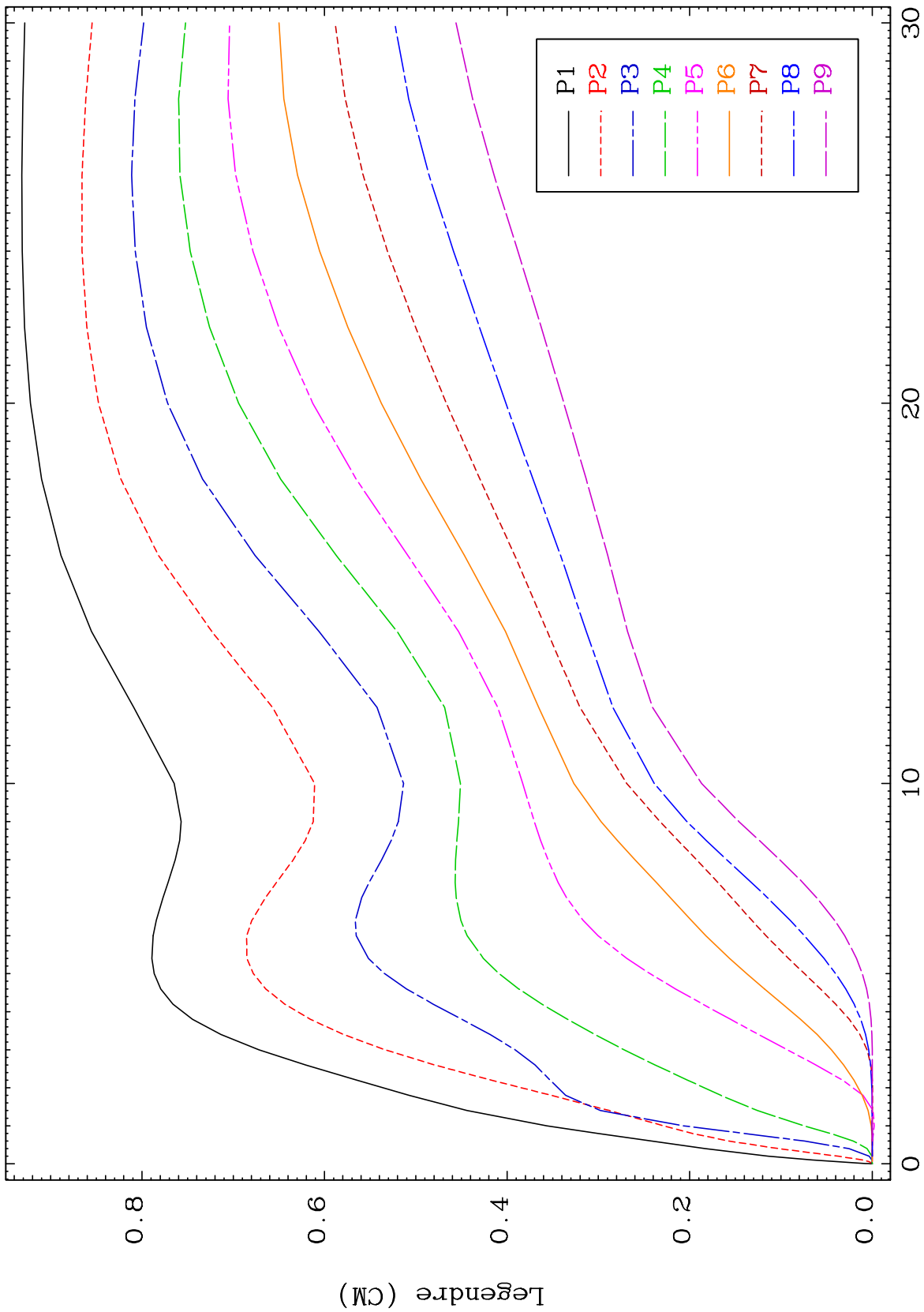




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Elastic Legendre Coefficients

81-Tl-182



15

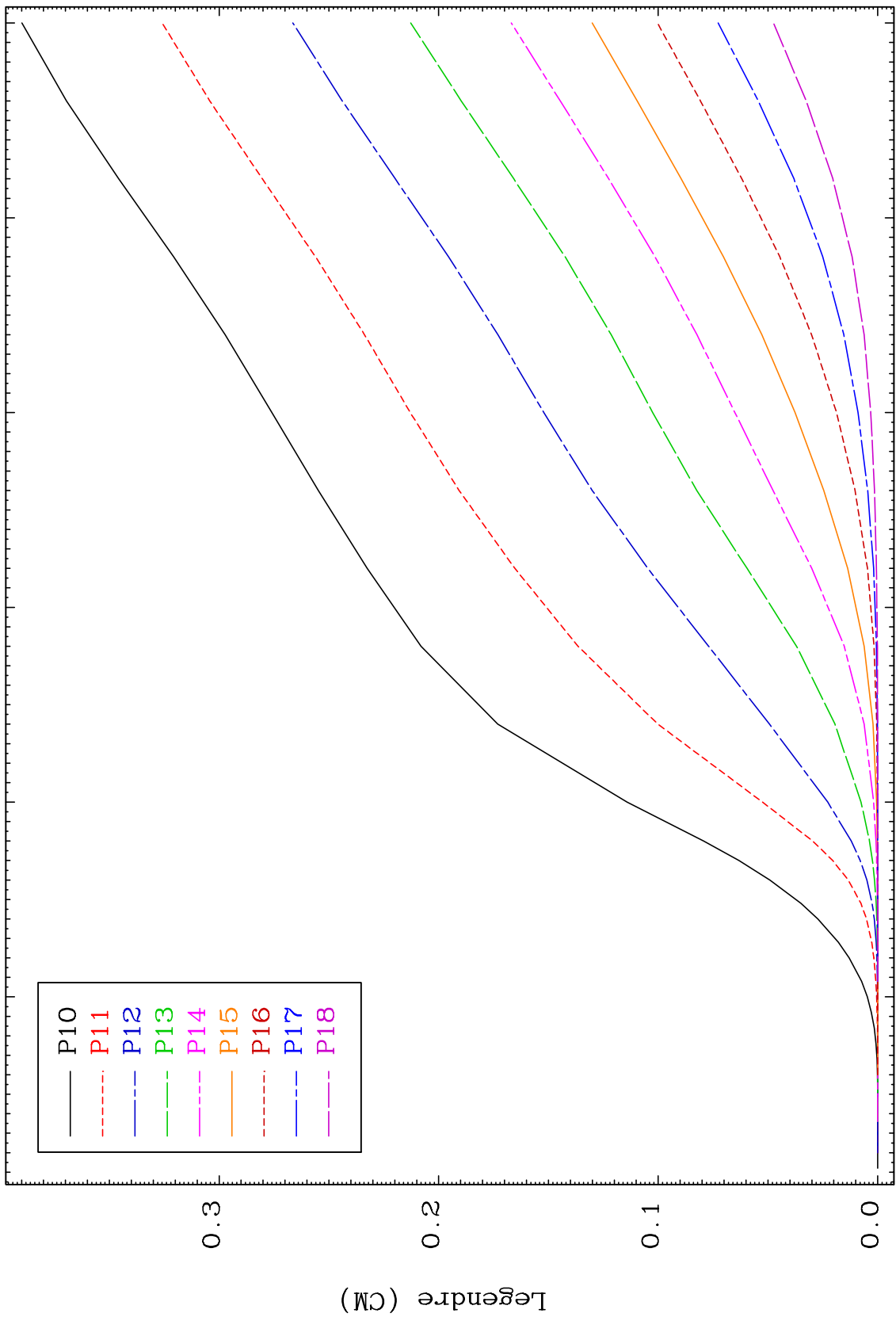
Incident Energy (MeV)

81-Tl-182

MAT 8062

Elastic Legendre Coefficients

81-T1-182



16

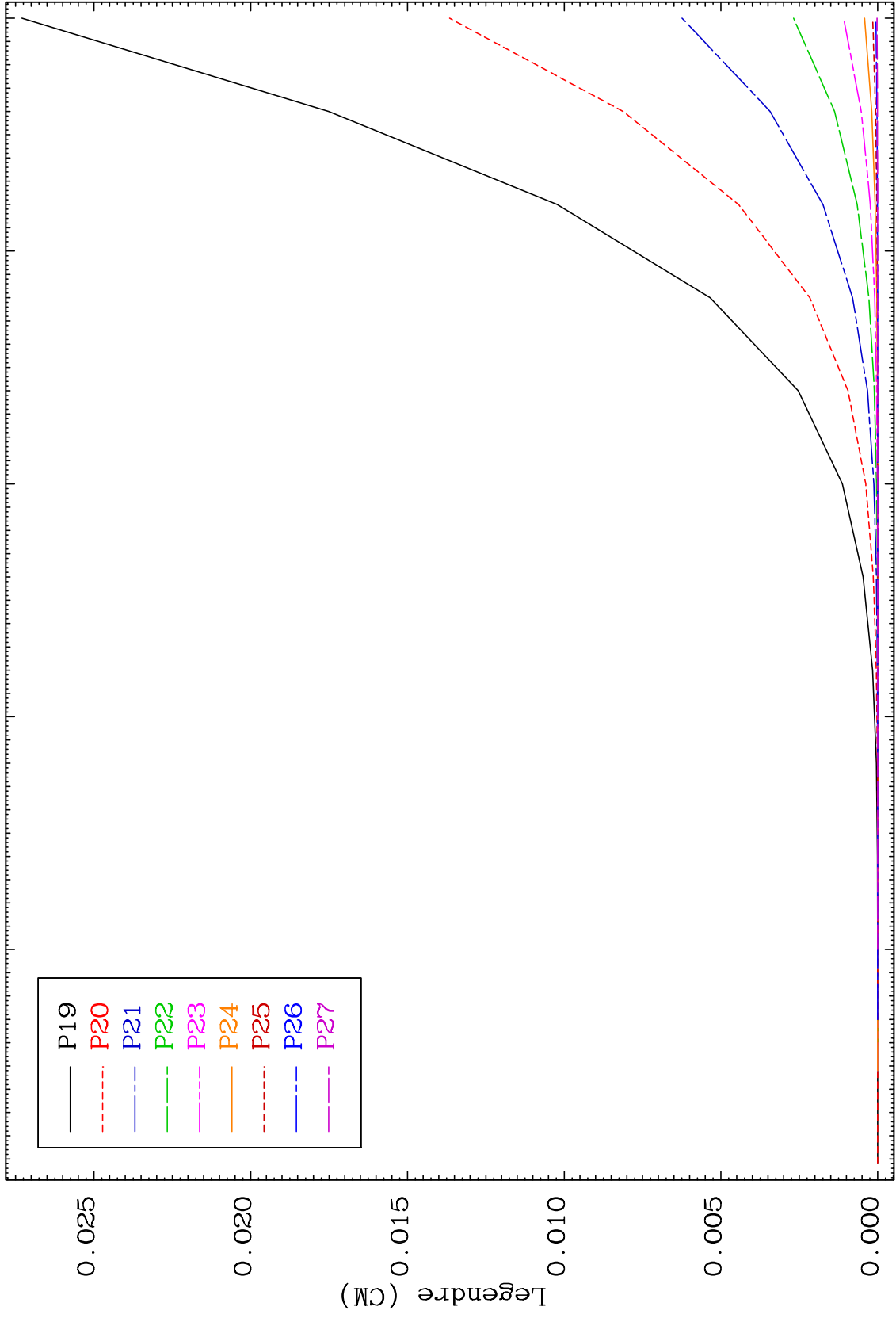
Incident Energy (MeV)

81-T1-182

MAT 8062

Elastic Legendre Coefficients

81-T1-182



17

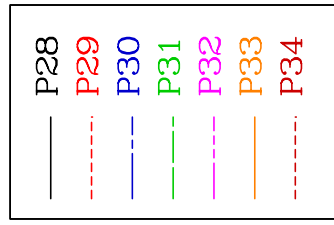
Incident Energy (MeV)

81-T1-182

MAT 8062

Elastic Legendre Coefficients

81-T1-182



$\times 10^{-6}$

6

4

2

0

Legendre (CM)

15

20

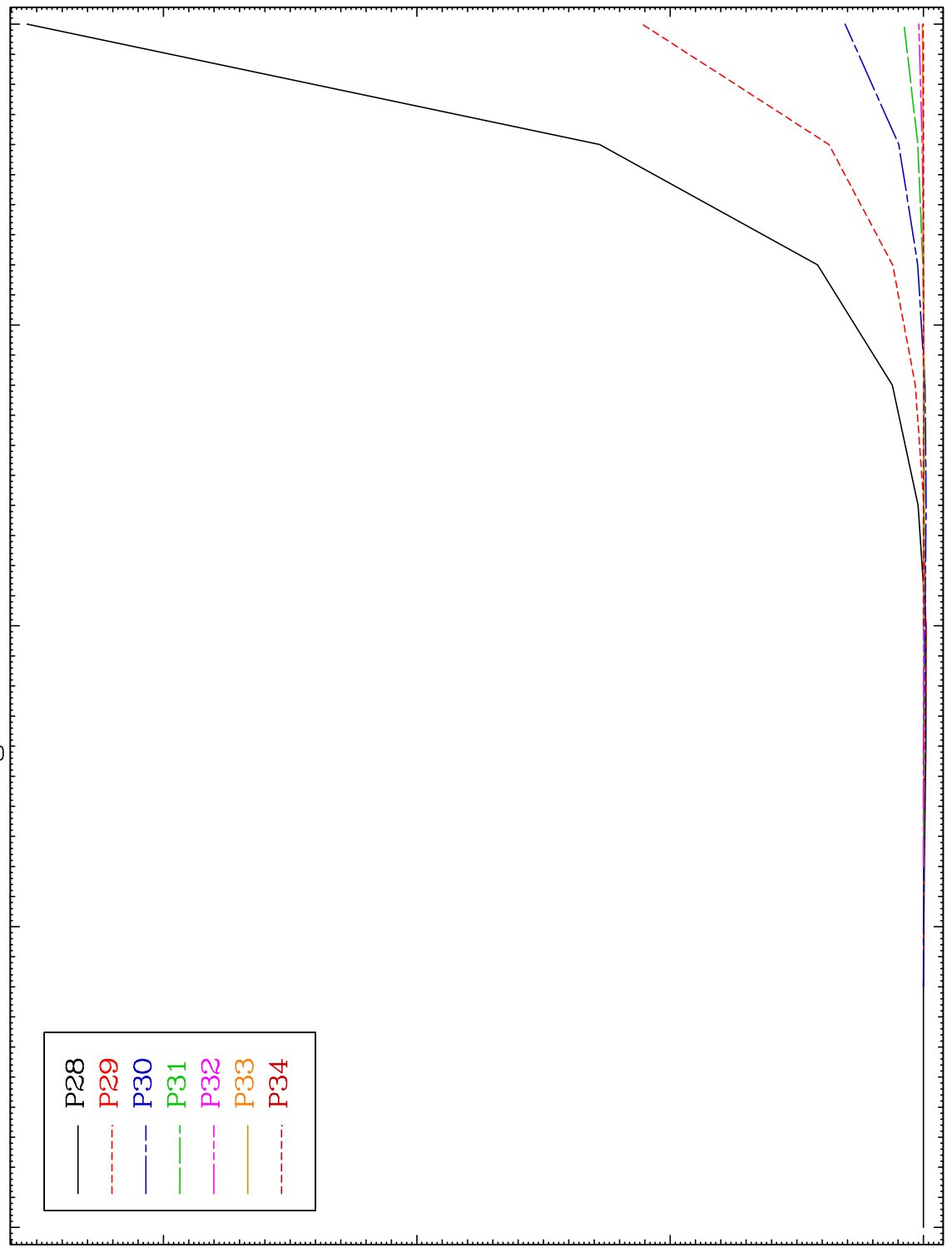
25

30

18

Incident Energy (MeV)

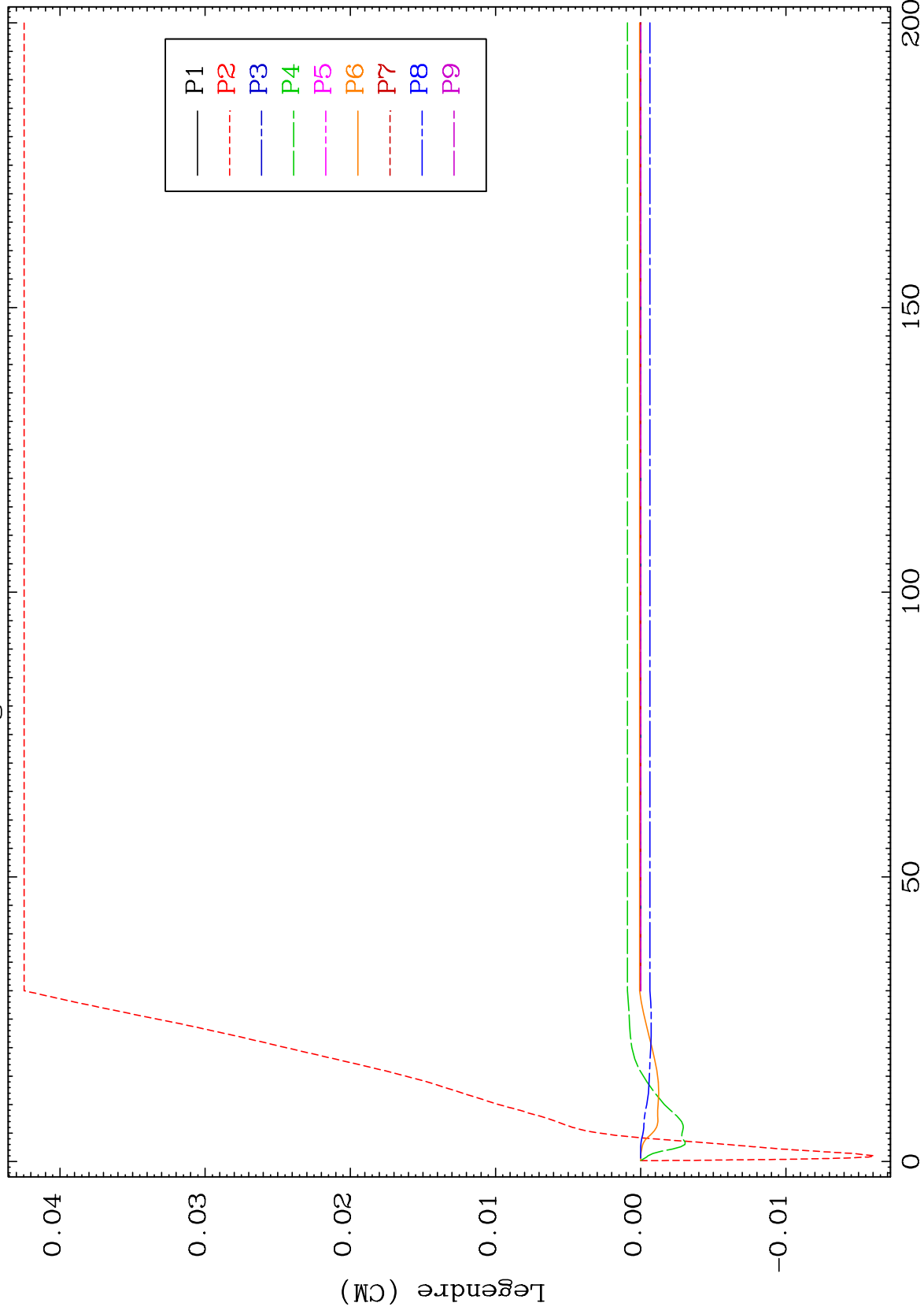
81-T1-182



MAT 8062

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

81-T1-182



19

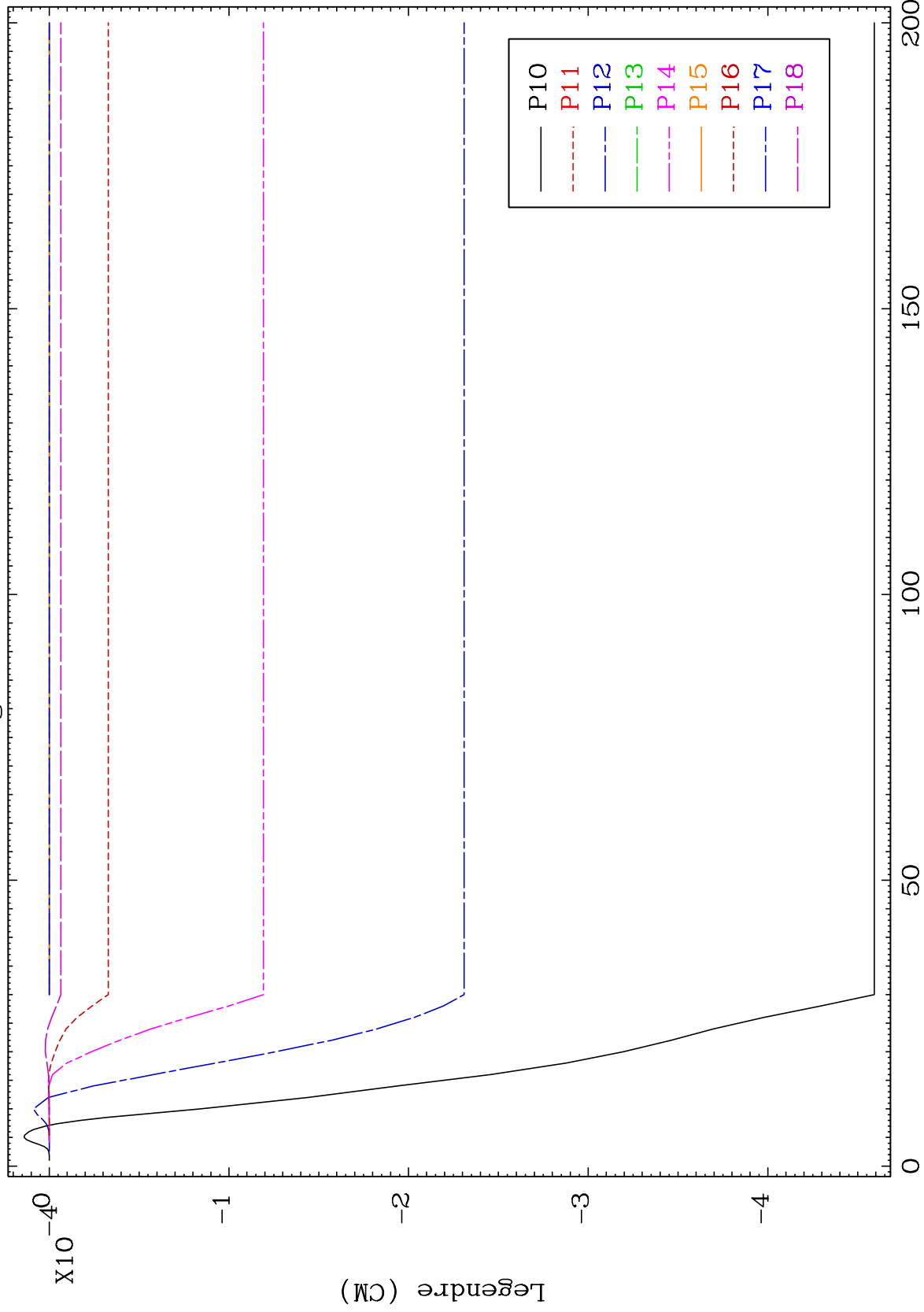
Incident Energy (MeV)

81-T1-182

MAT 8062

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

81-Tl-182



0

50

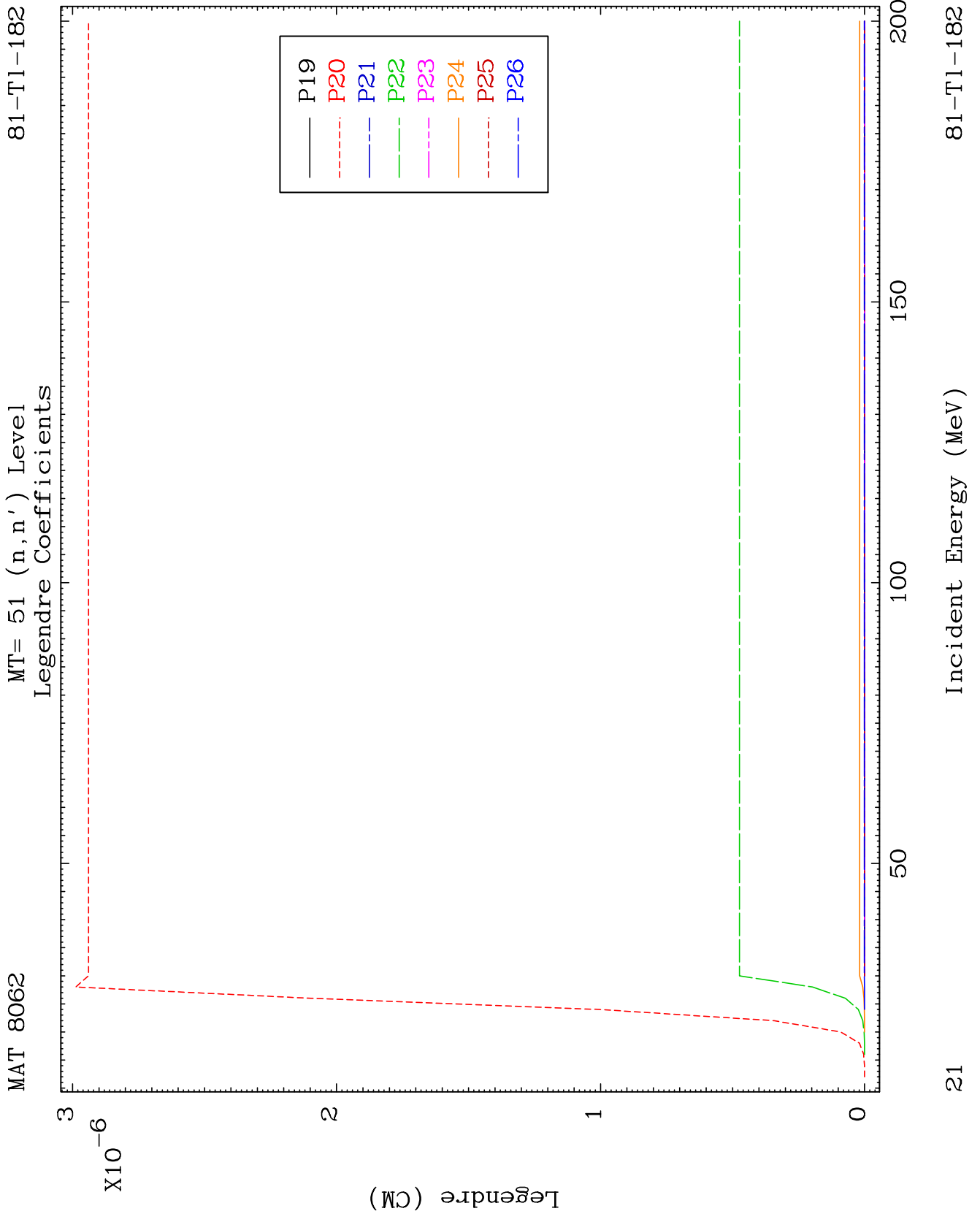
100

150

200

Incident Energy (MeV)

81-Tl-182

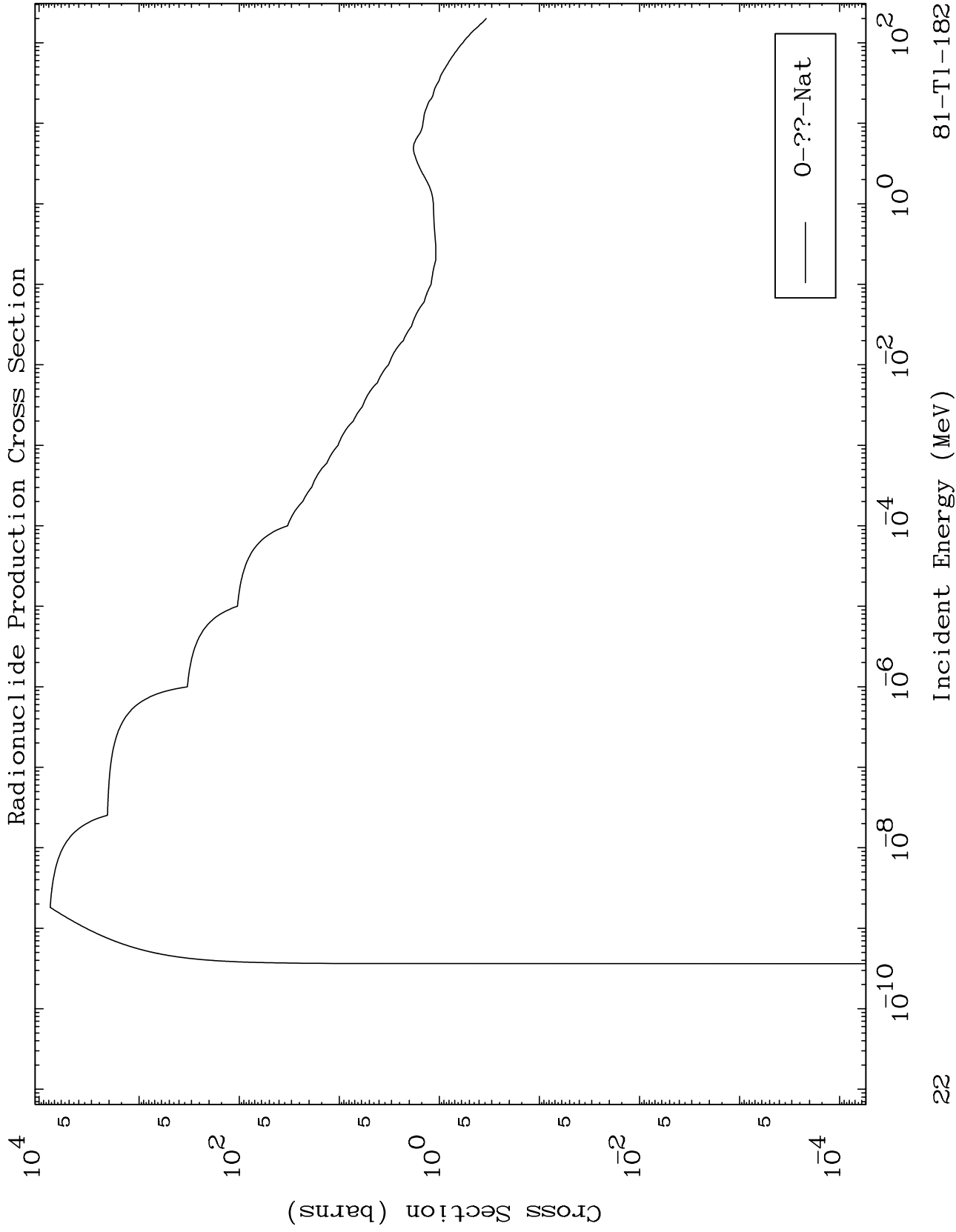


MAT 8062

Fission

81-Tl-182

Radionuclide Production Cross Section



22

Incident Energy (MeV)

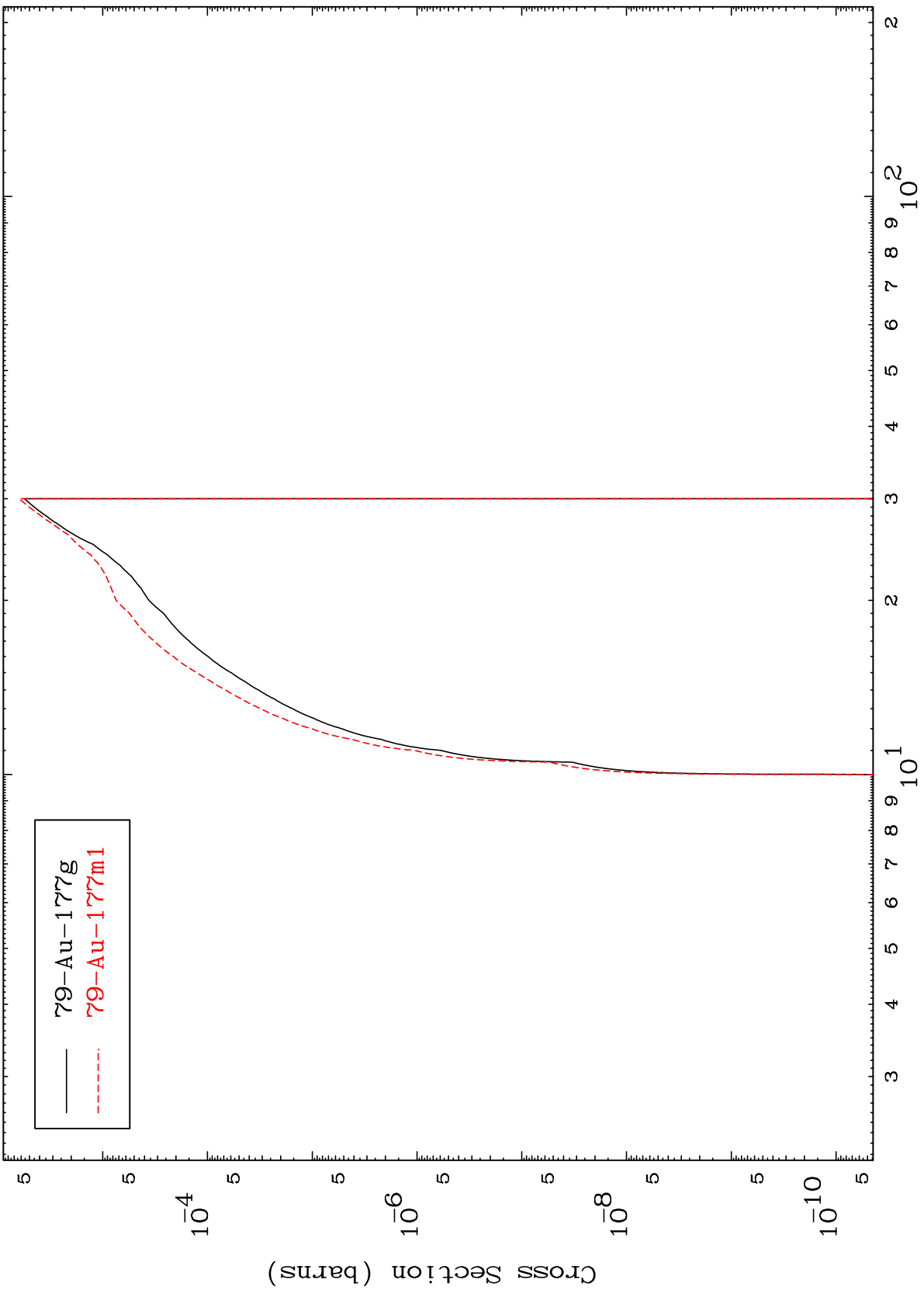
81-Tl-182

MAT 8062

(n,2n) α

81-Tl-182

Radionuclide Production Cross Section



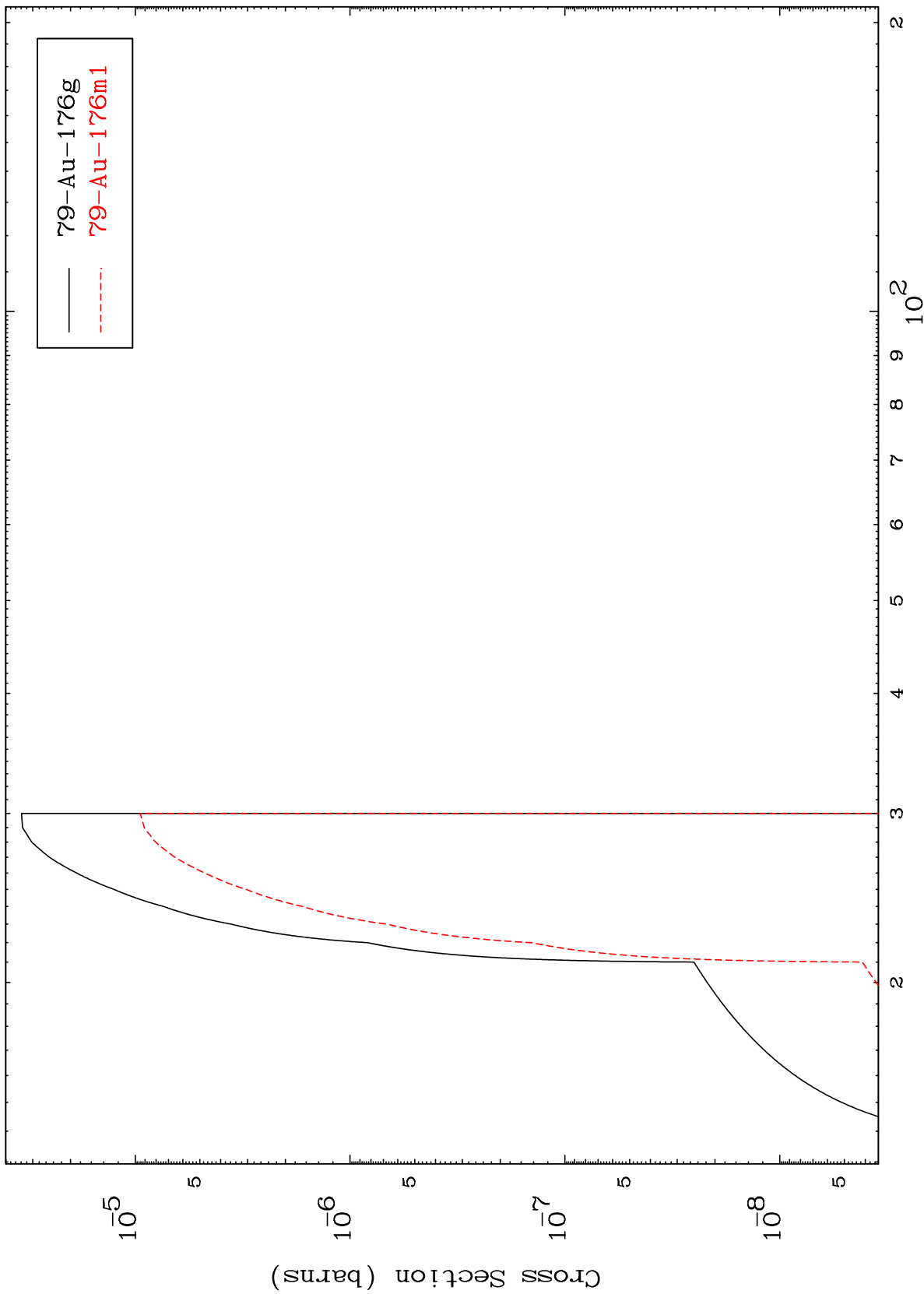
— 79-Au-177g
- - - 79-Au-177m1

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(n,3n) α

81-Tl-182

Radionuclide Production Cross Section



24

Incident Energy (MeV)

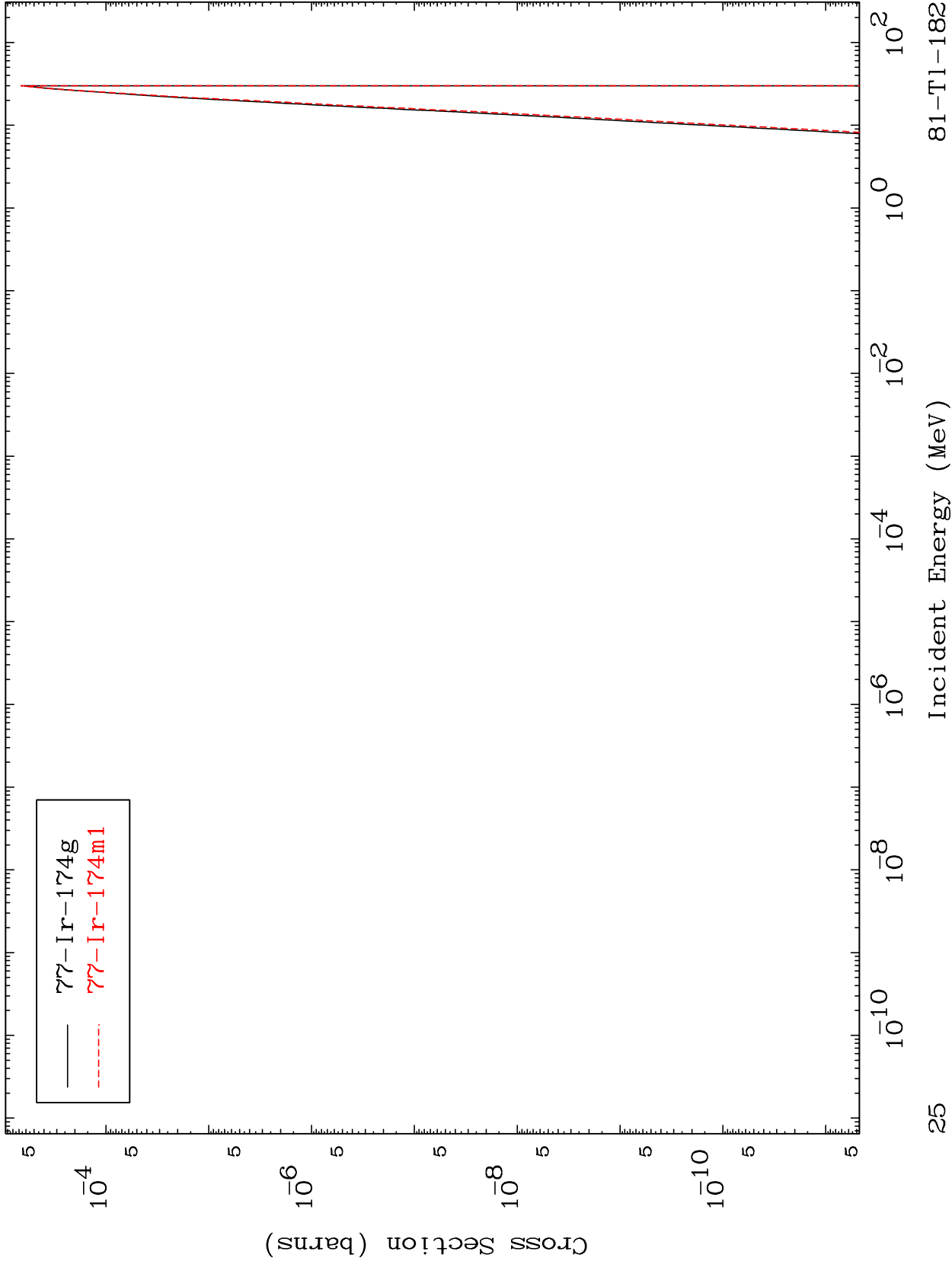
81-Tl-182

MAT 8062

(n,n') 2α

81-Tl-182

Radionuclide Production Cross Section



MAT 8062

(n,2n) 2 α

81-Tl-182

Radionuclide Production Cross Section

