

Program EVALPLOT
(Version 2021-1)

by

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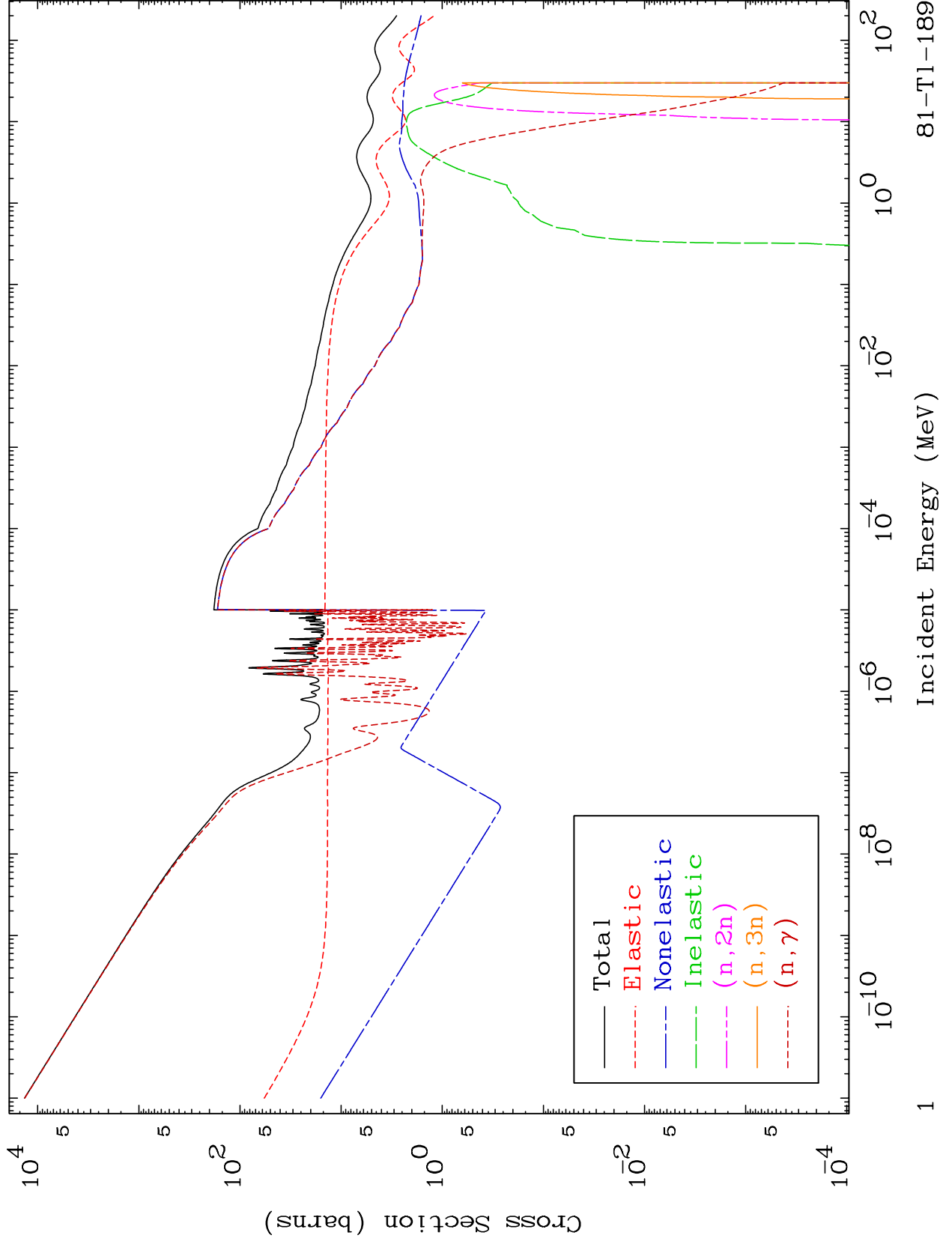
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8083

Neutron Major
293 Kelvin Cross Sections

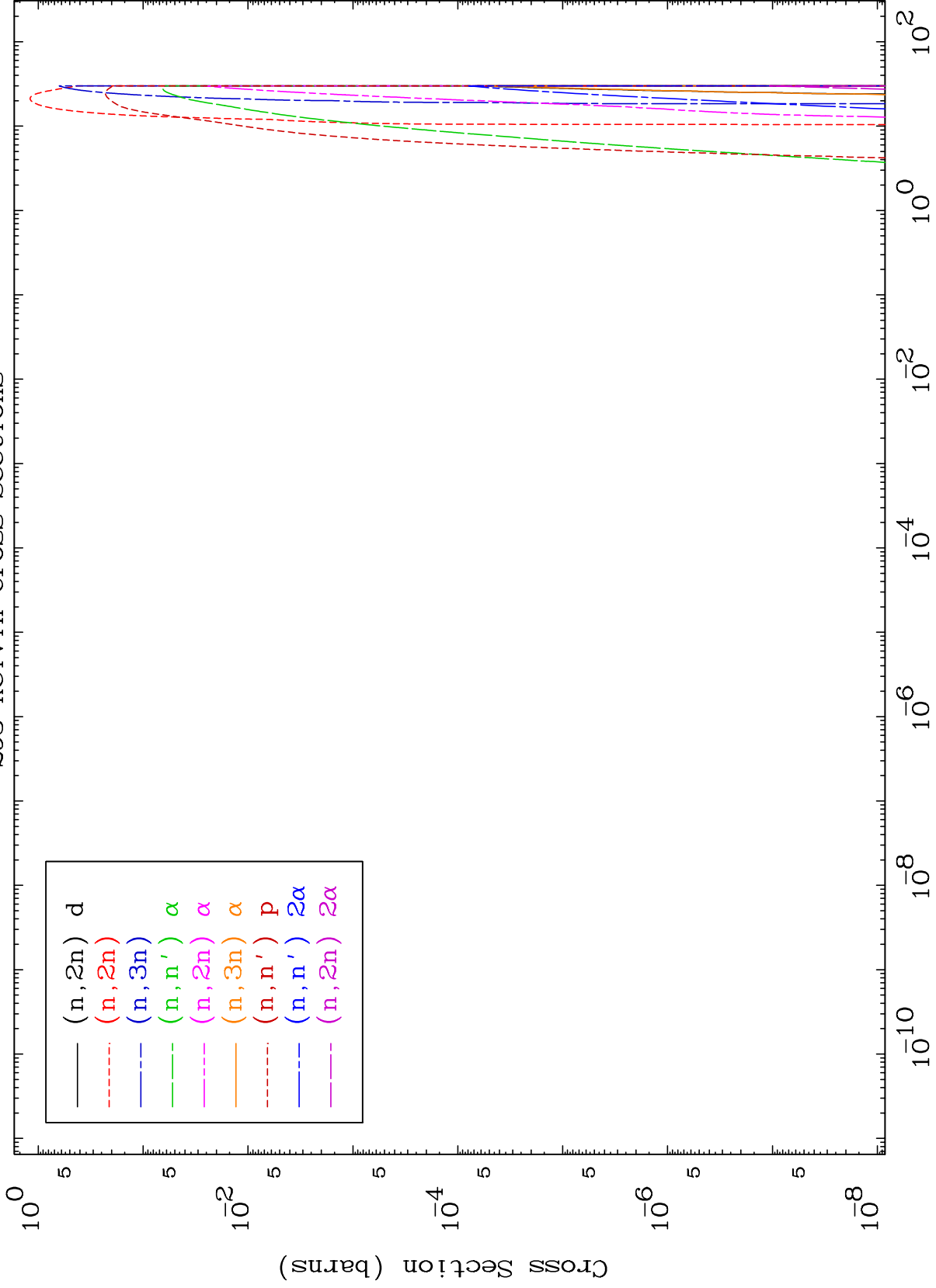
81-Tl-189

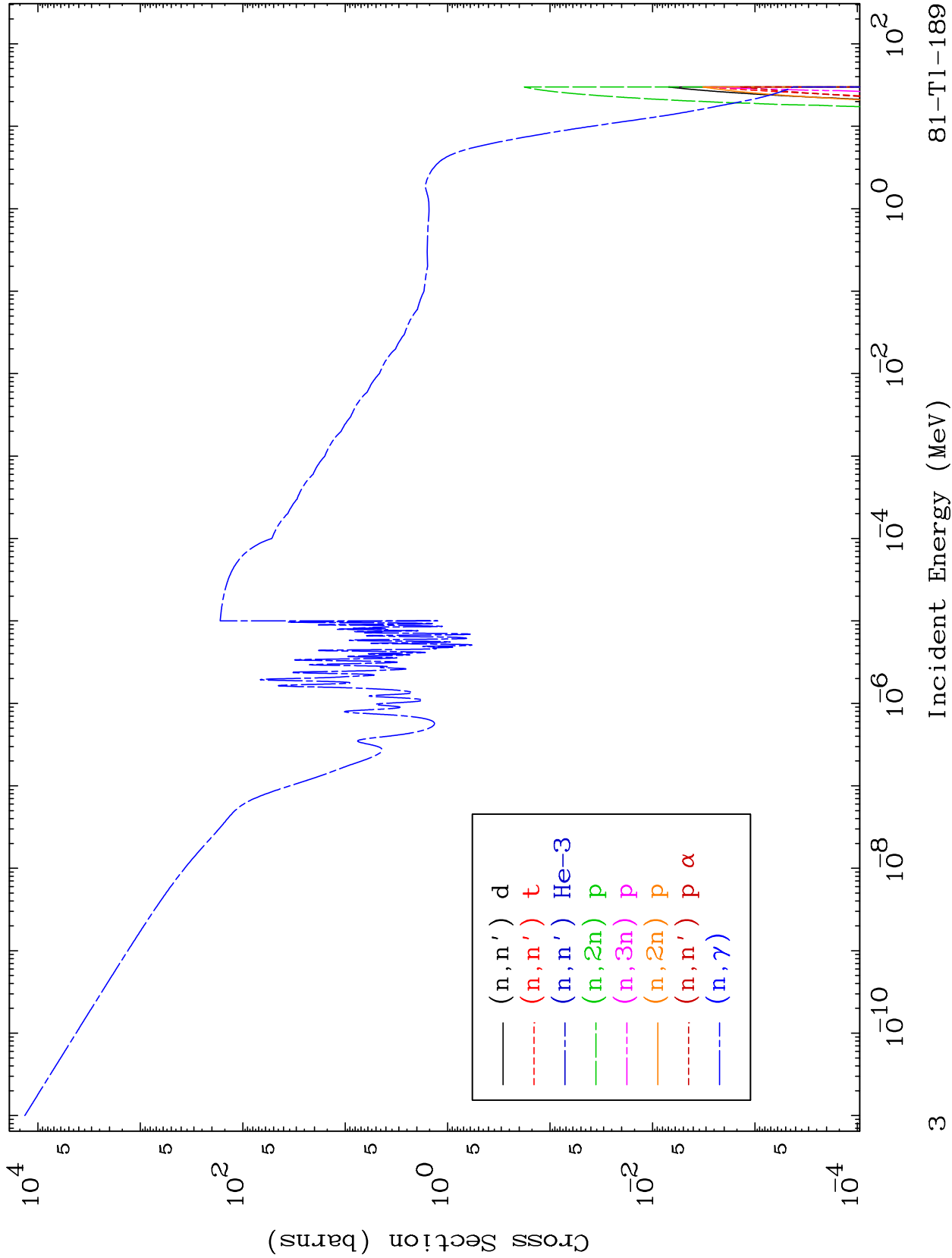


MAT 8083

Neutron Absorption
293 Kelvin Cross Sections

81-Tl-189

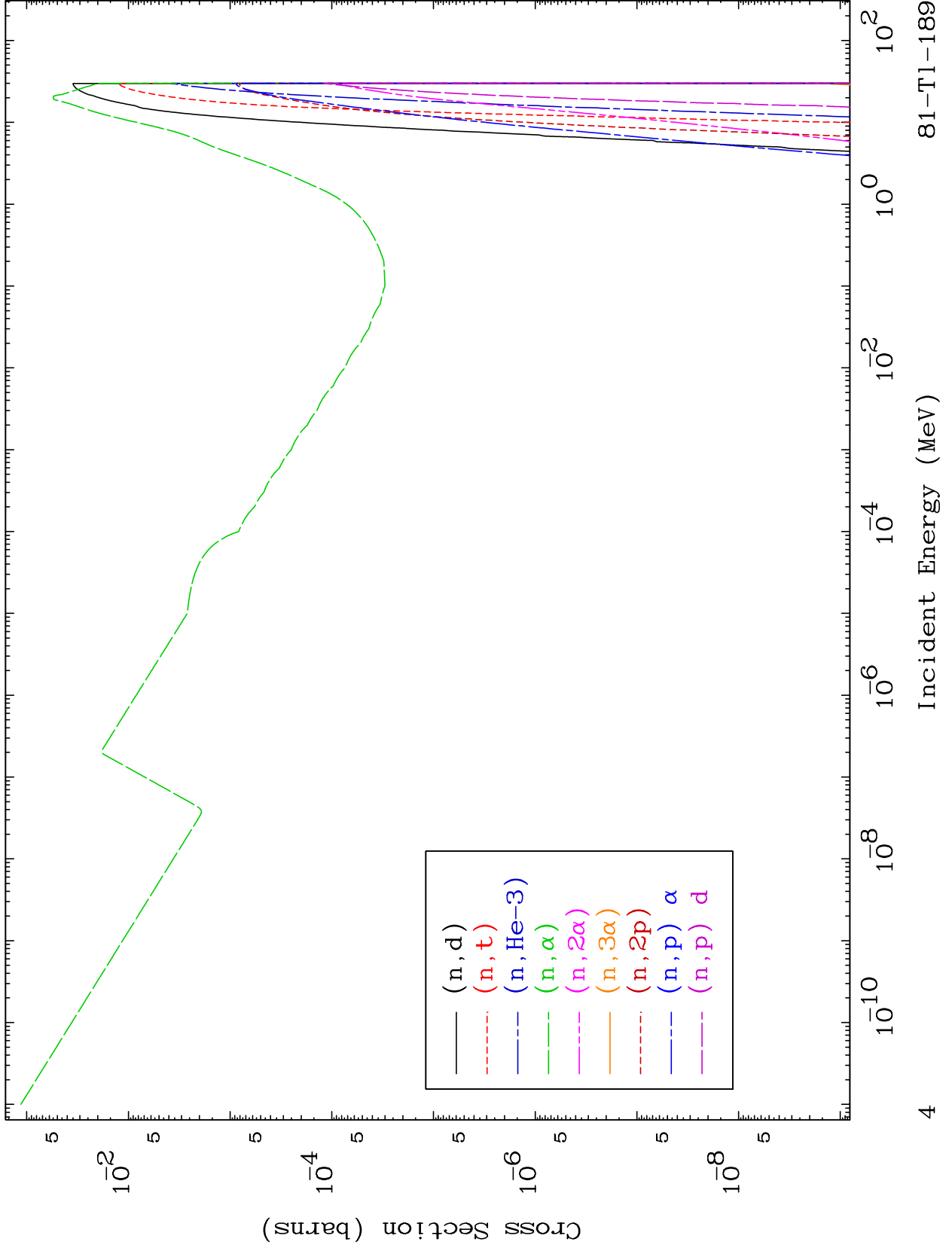


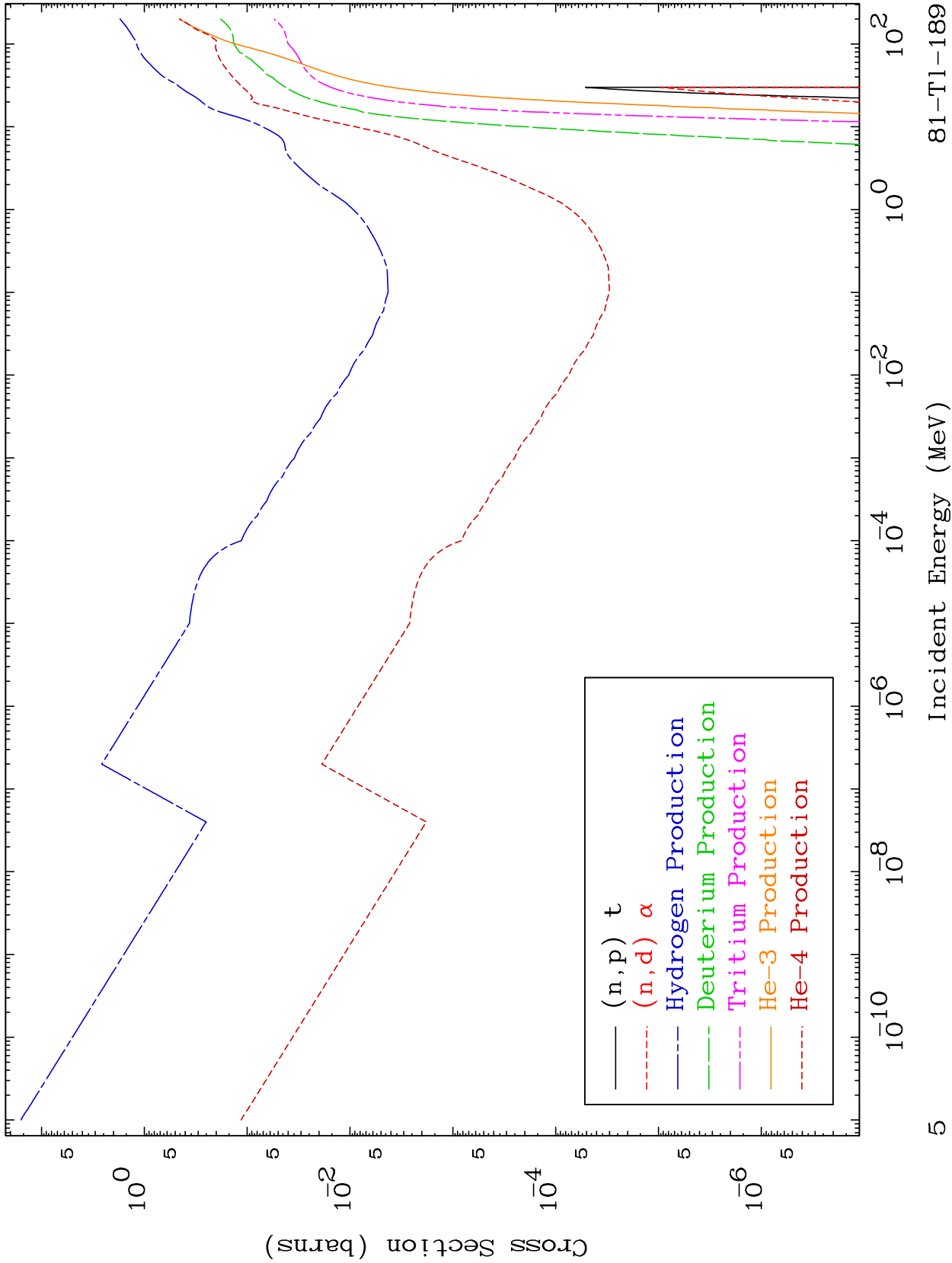


MAT 8083

Neutron Absorption
293 Kelvin Cross Sections

81-Tl-189

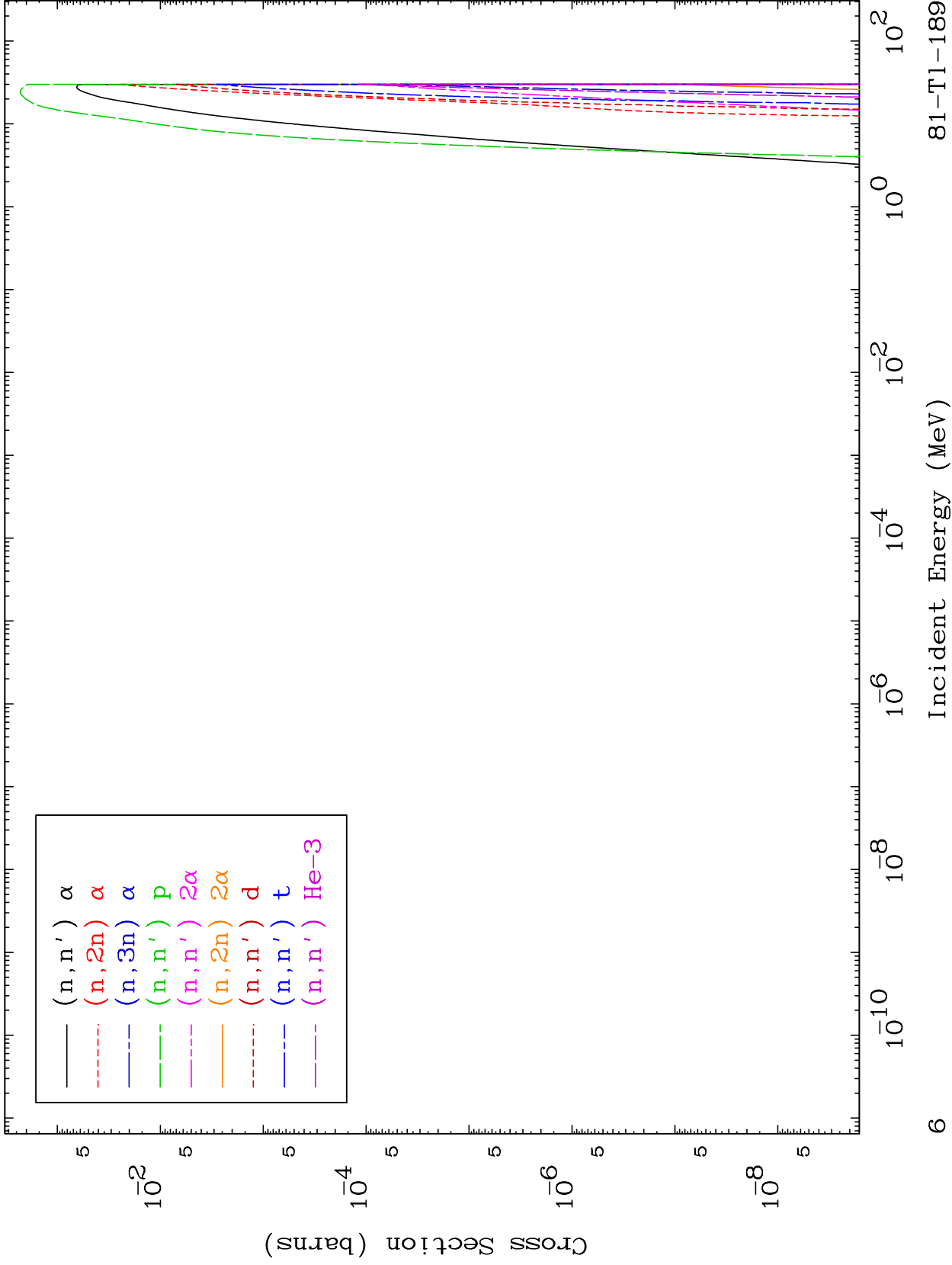




MAT 8083

Charged Particle
293 Kelvin Cross Sections

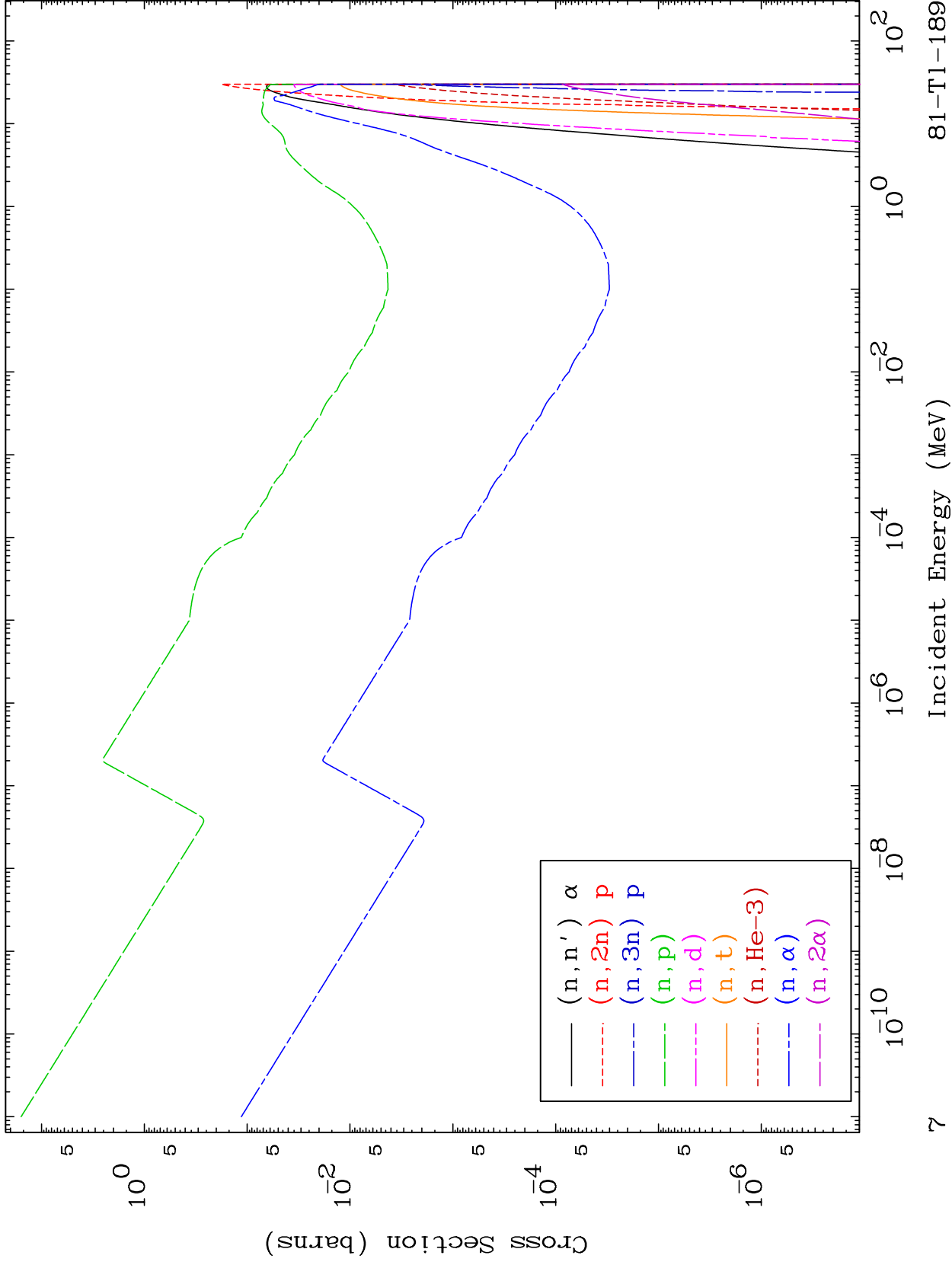
81-Tl-189



MAT 8083

Charged Particle
293 Kelvin Cross Sections

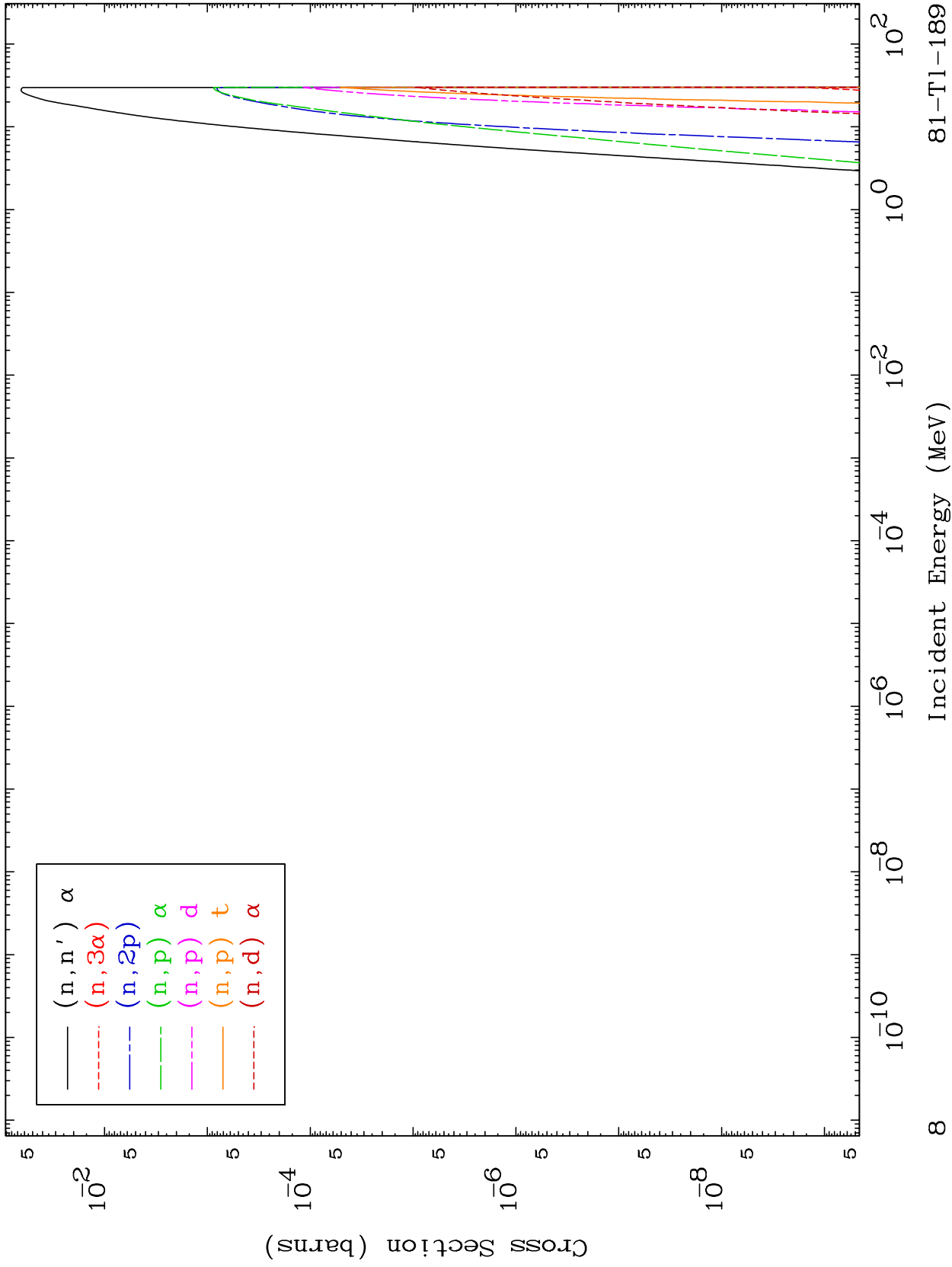
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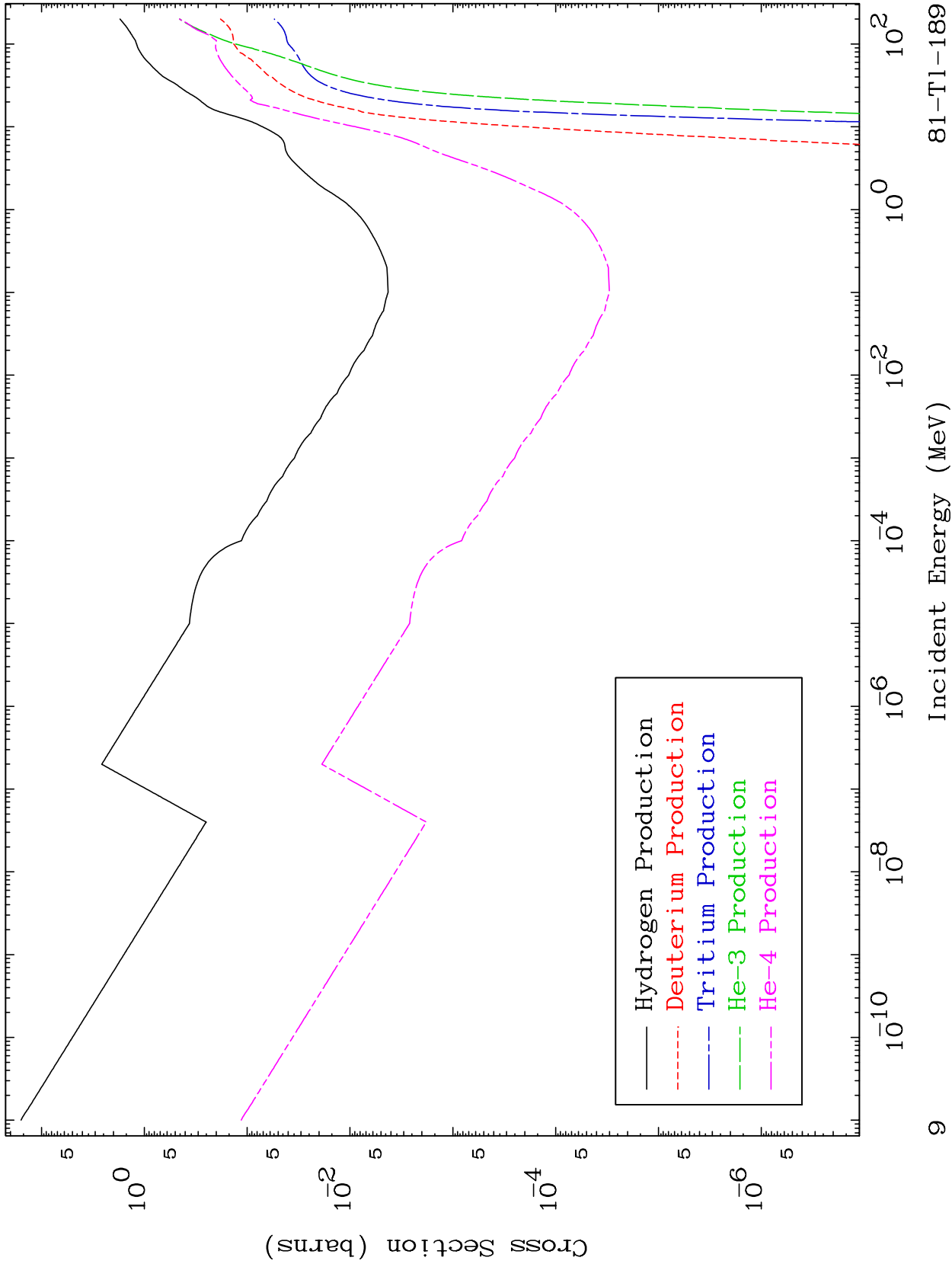


MAT 8083

Charged Particle
293 Kelvin Cross Sections

81-Tl-189

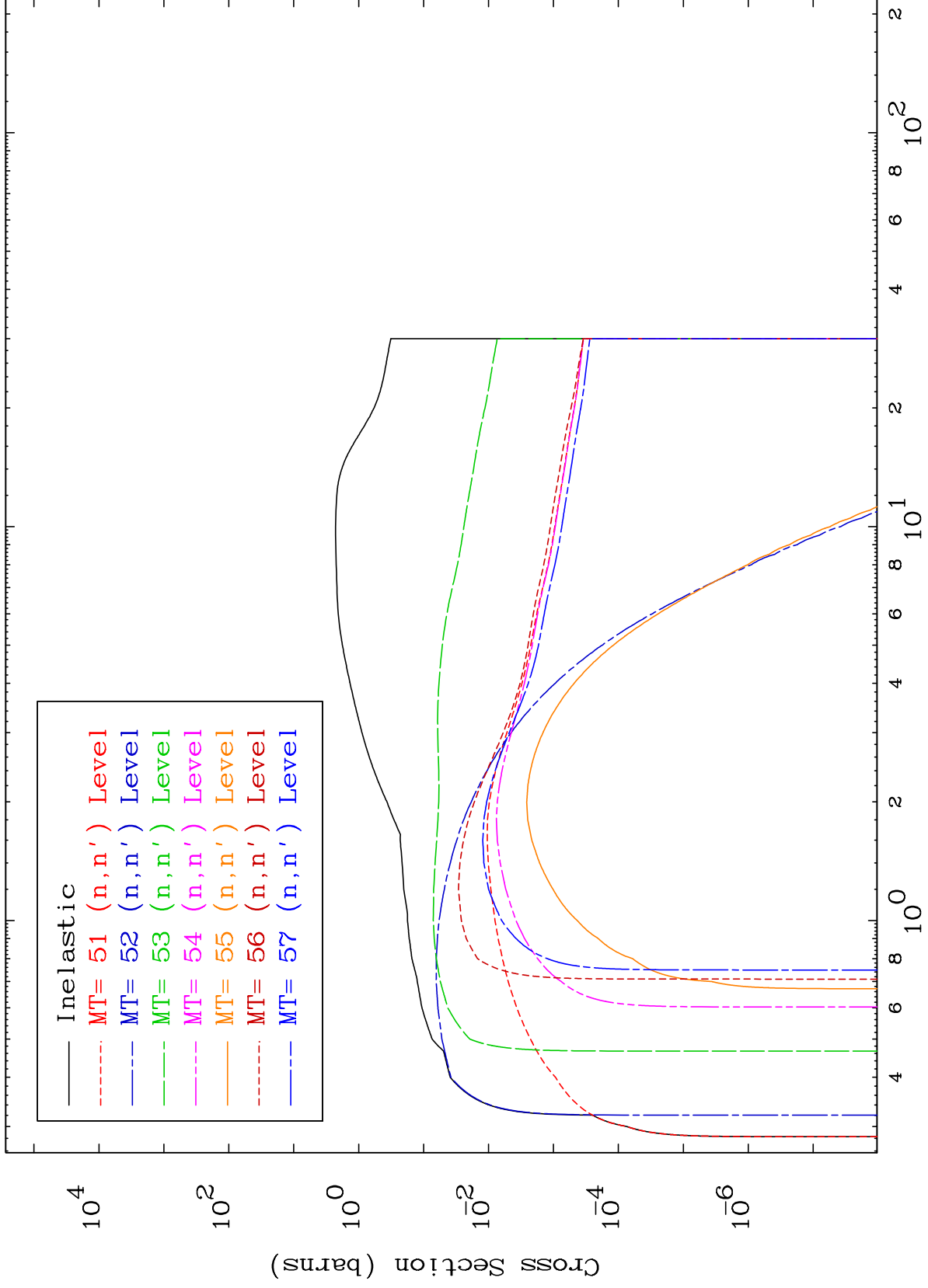




MAT 8083

(n,n') Levels
293 Kelvin Cross Sections

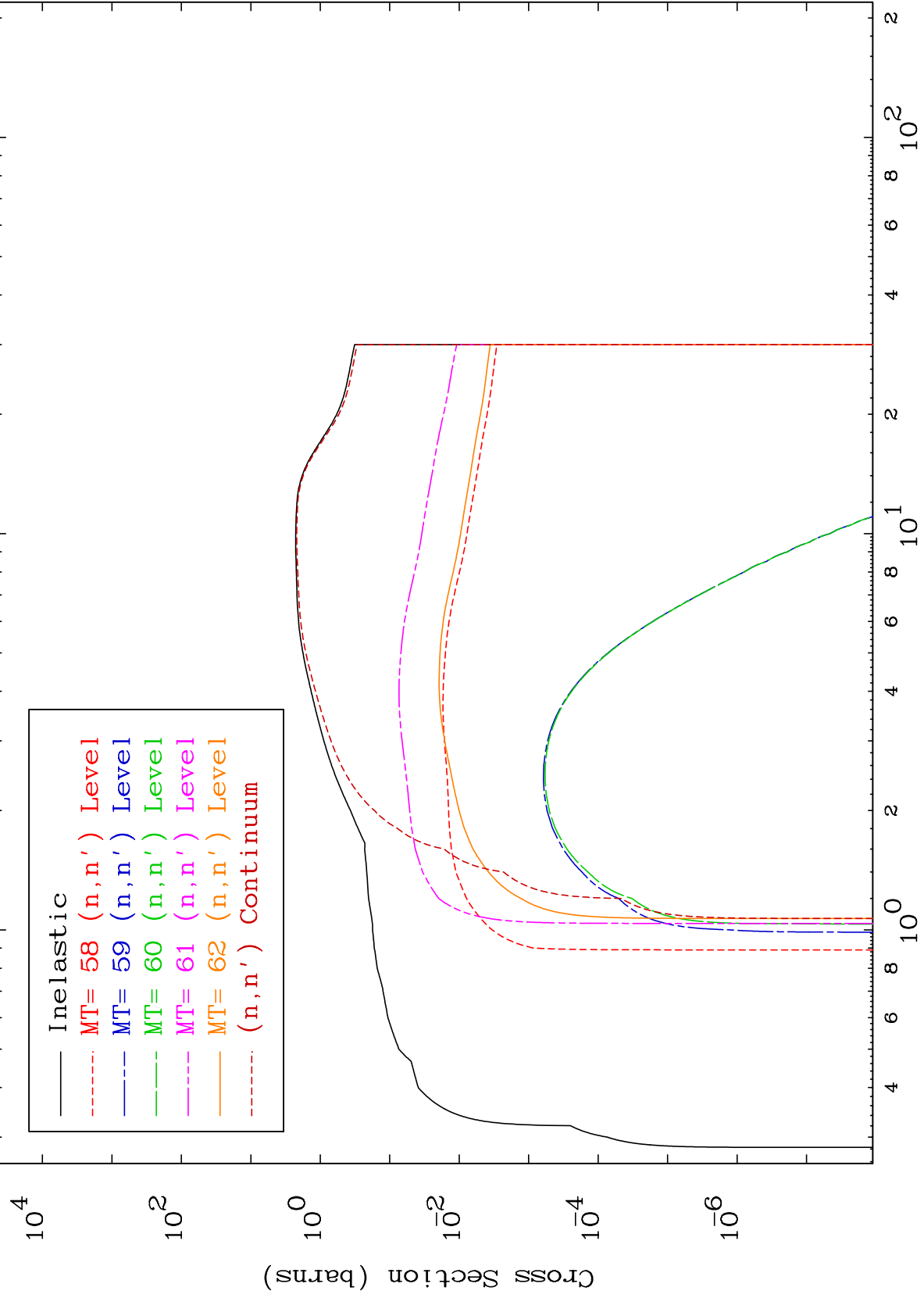
81-Tl-189



10

Incident Energy (MeV)

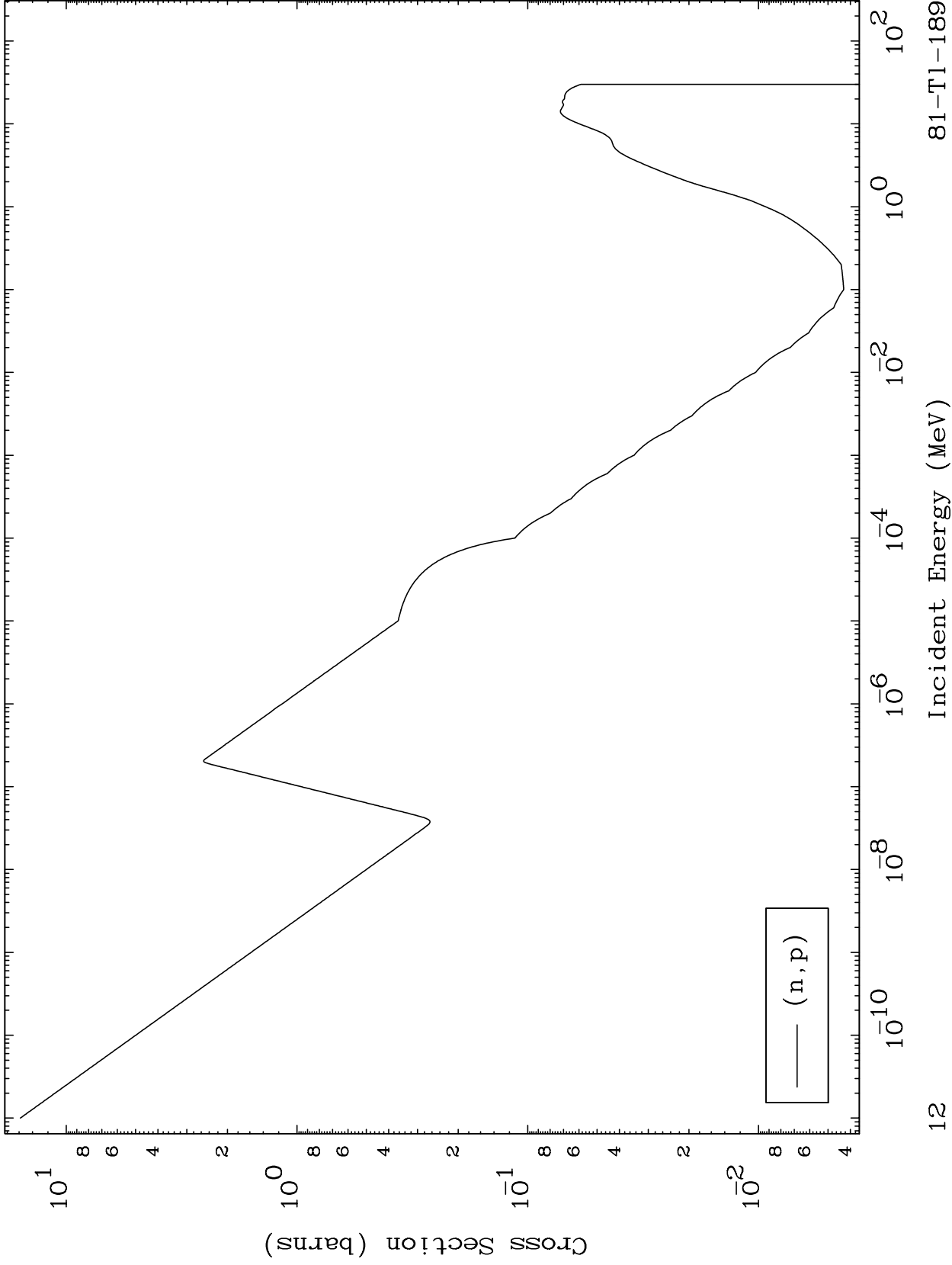
81-Tl-189



MAT 8083

(n,p) Levels
293 Kelvin Cross Sections

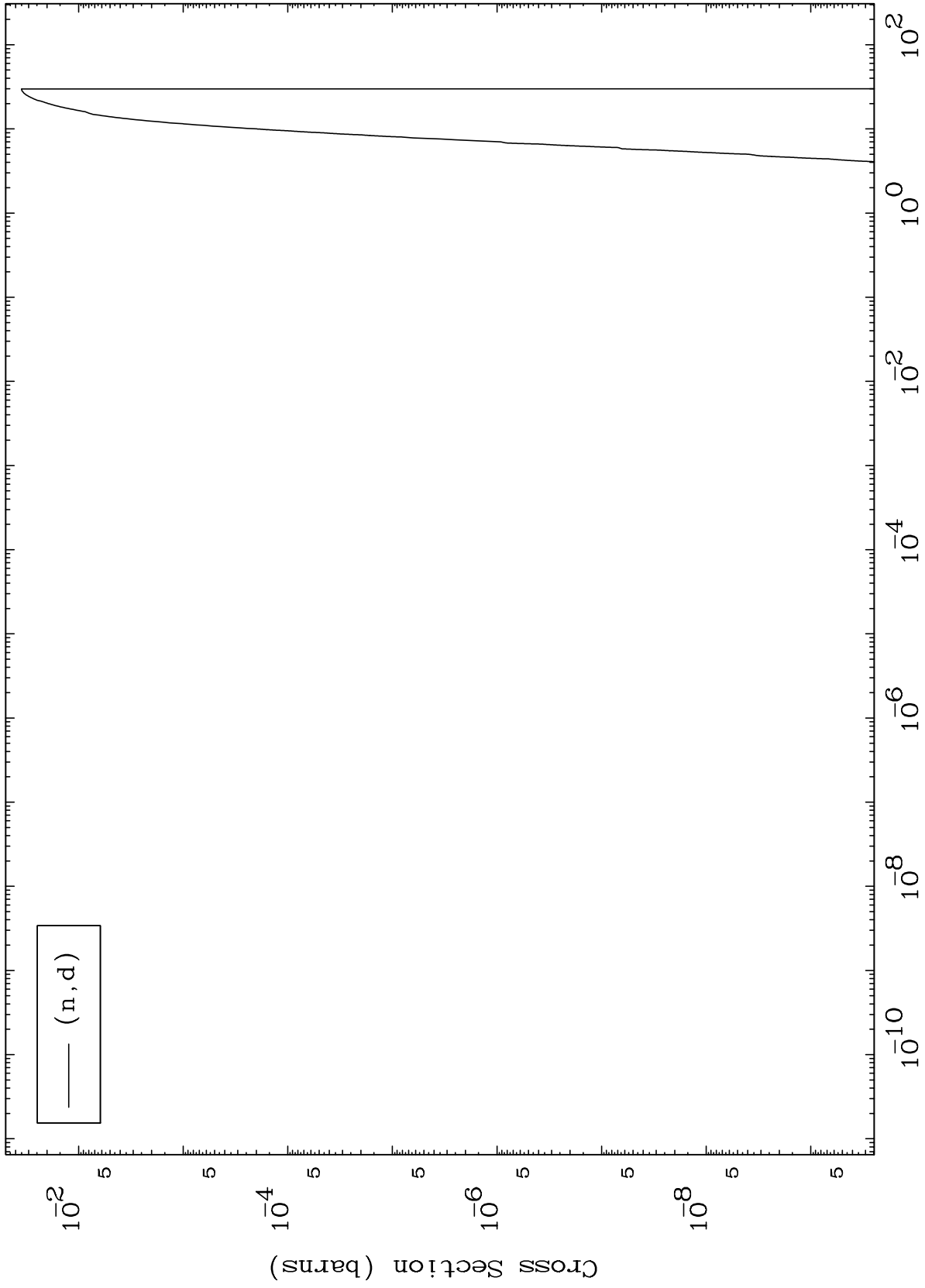
81-Tl-189



MAT 8083

(n,d) Levels
293 Kelvin Cross Sections

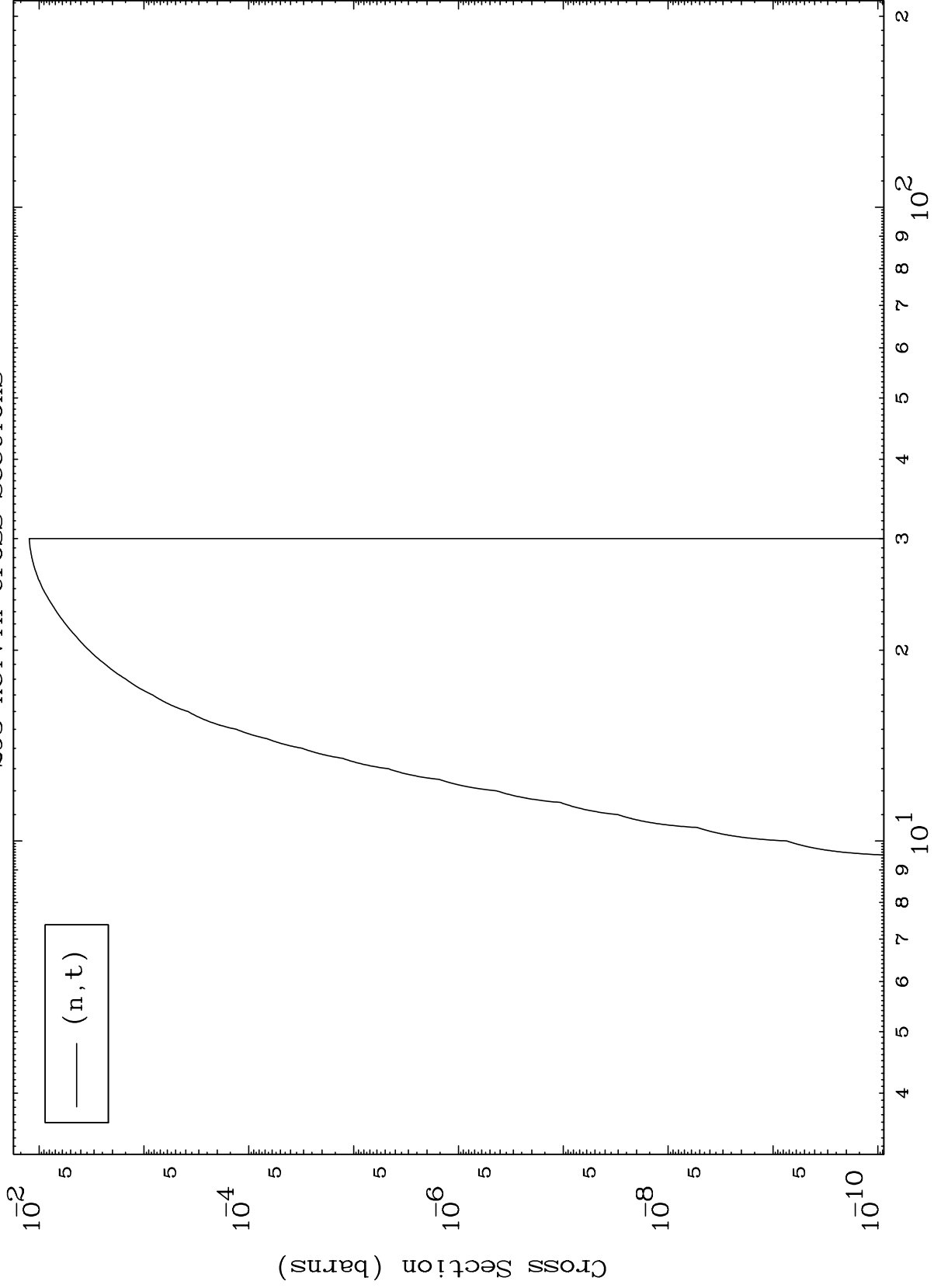
81-Tl-189



MAT 8083

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-189



14

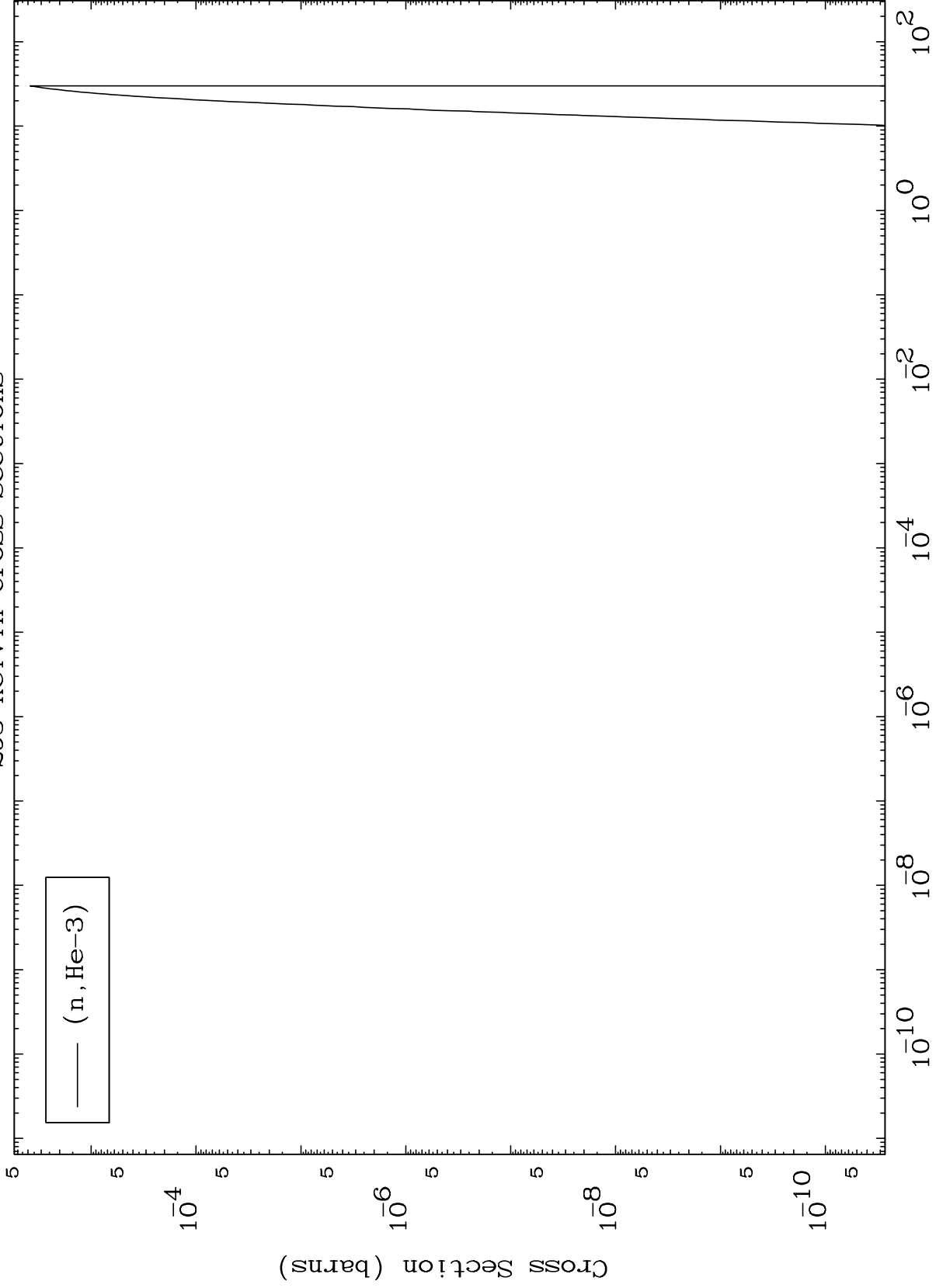
Incident Energy (MeV)

81-Tl-189

MAT 8083

(n,He3) Levels
293 Kelvin Cross Sections

81-Tl-189



15

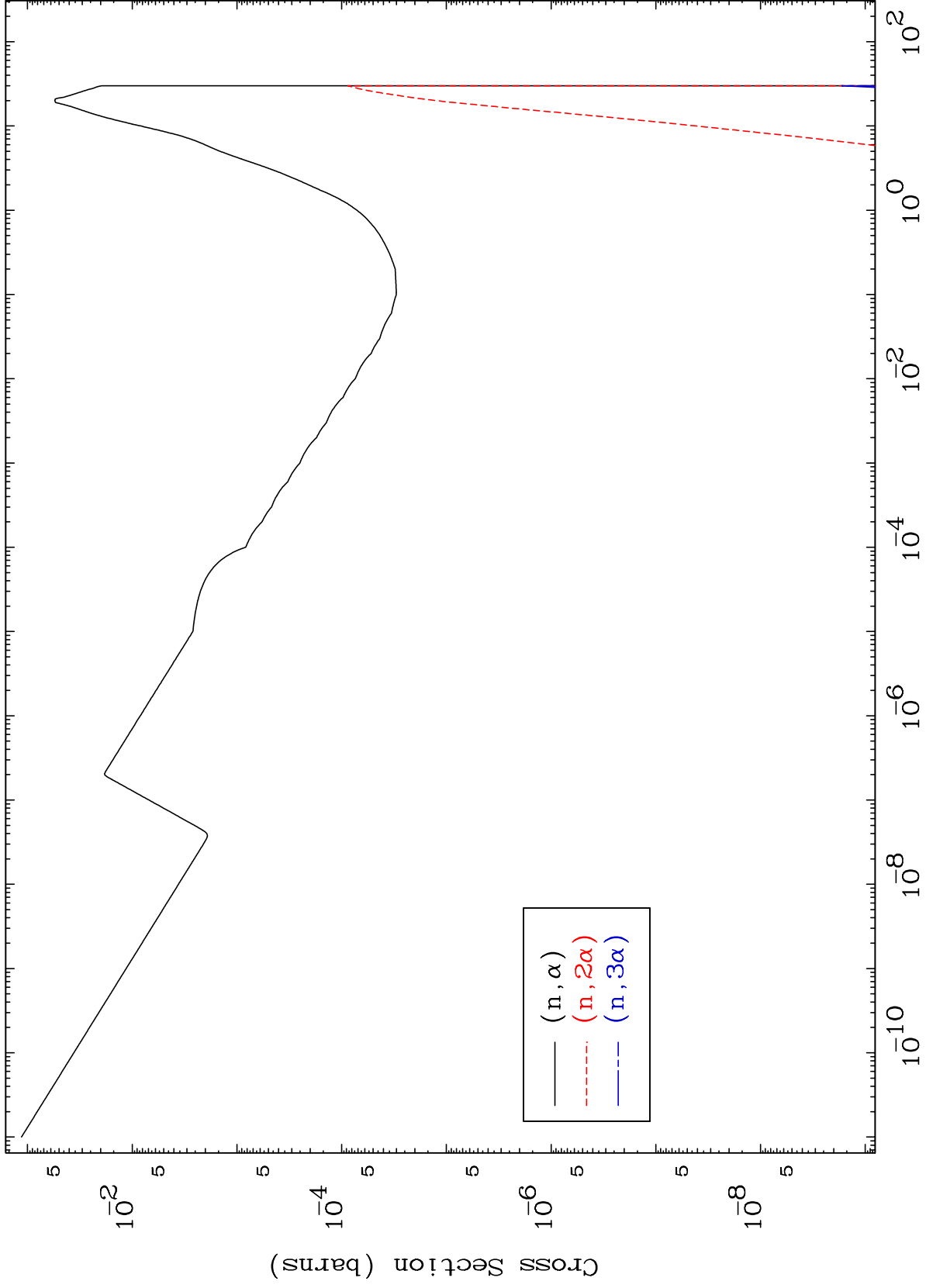
Incident Energy (MeV)

81-Tl-189

MAT 8083

(n, α) Levels
293 Kelvin Cross Sections

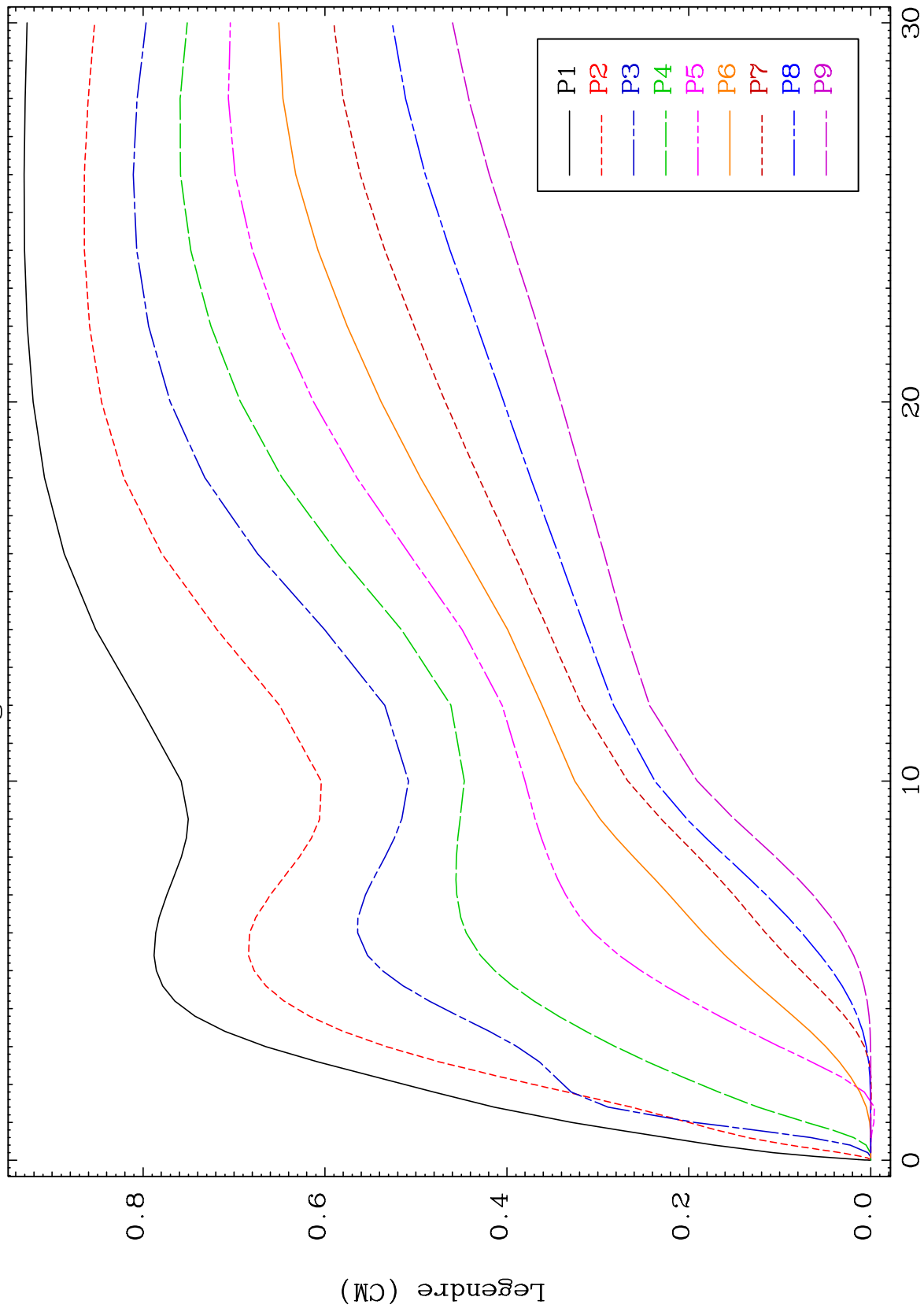
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MAT 8083

Elastic Legendre Coefficients

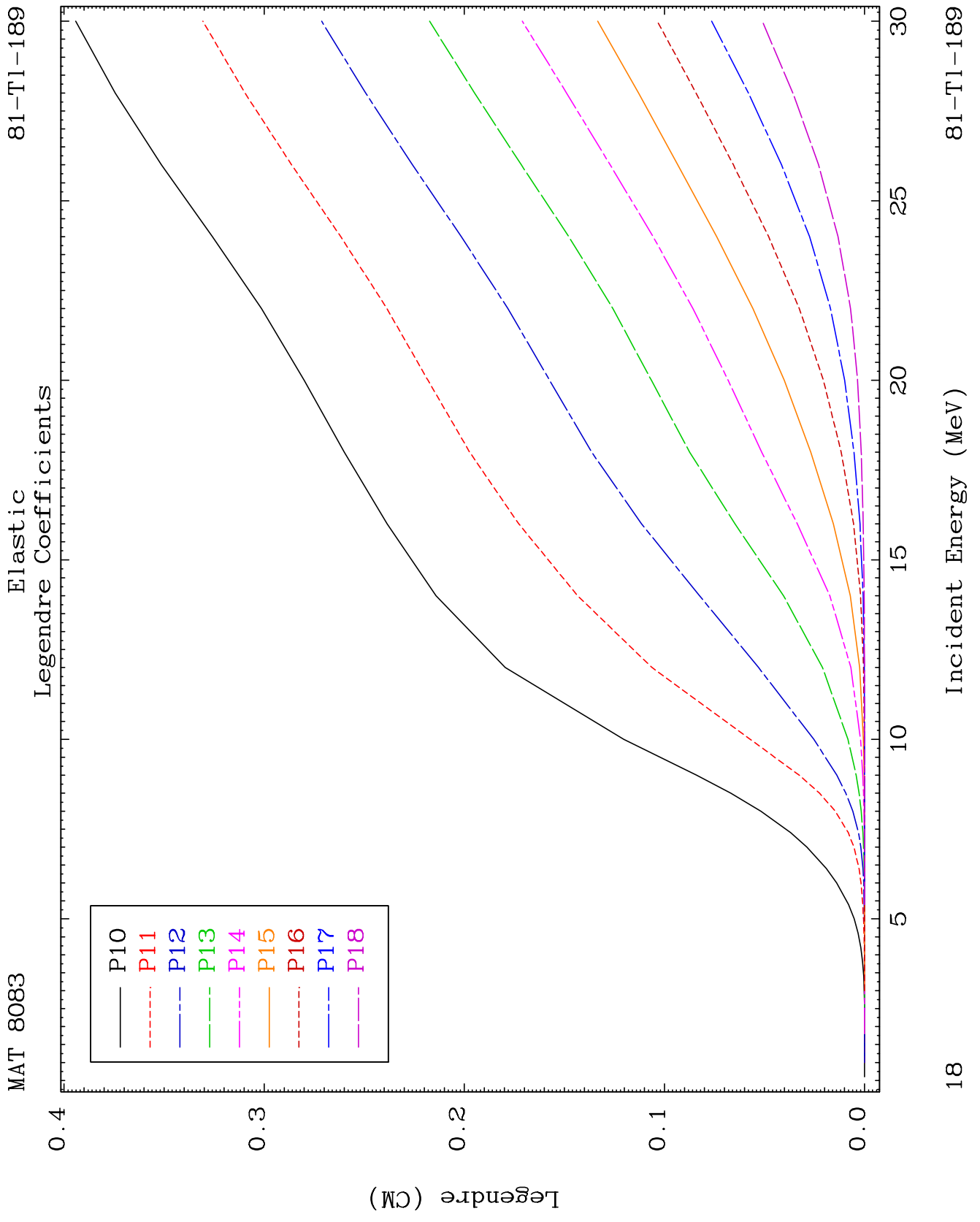
81-Tl-189



17

Incident Energy (MeV)

81-Tl-189



81-Tl-189

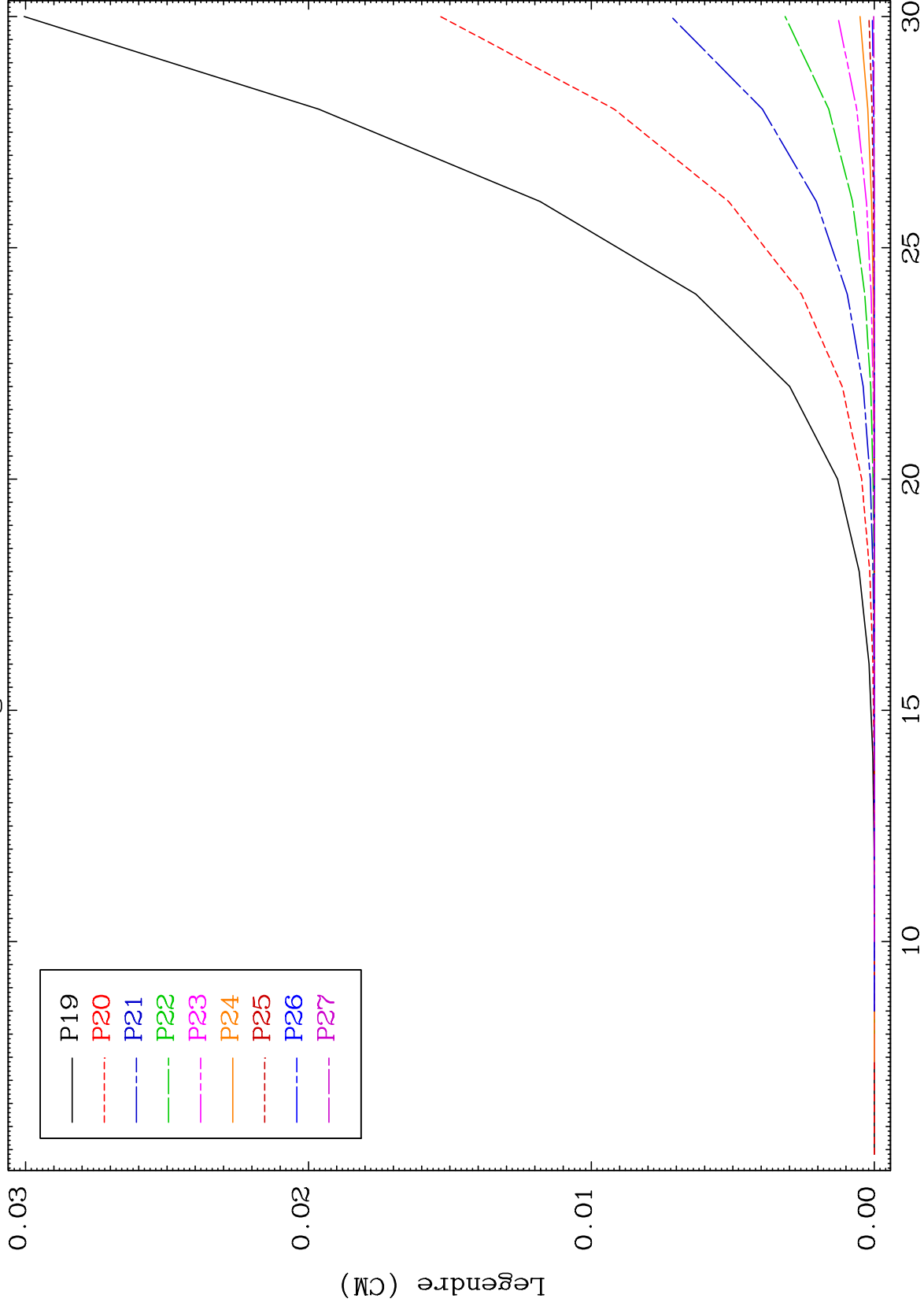
81-Tl-189

18

MAT 8083

Elastic
Legendre Coefficients

81-Tl-189



19

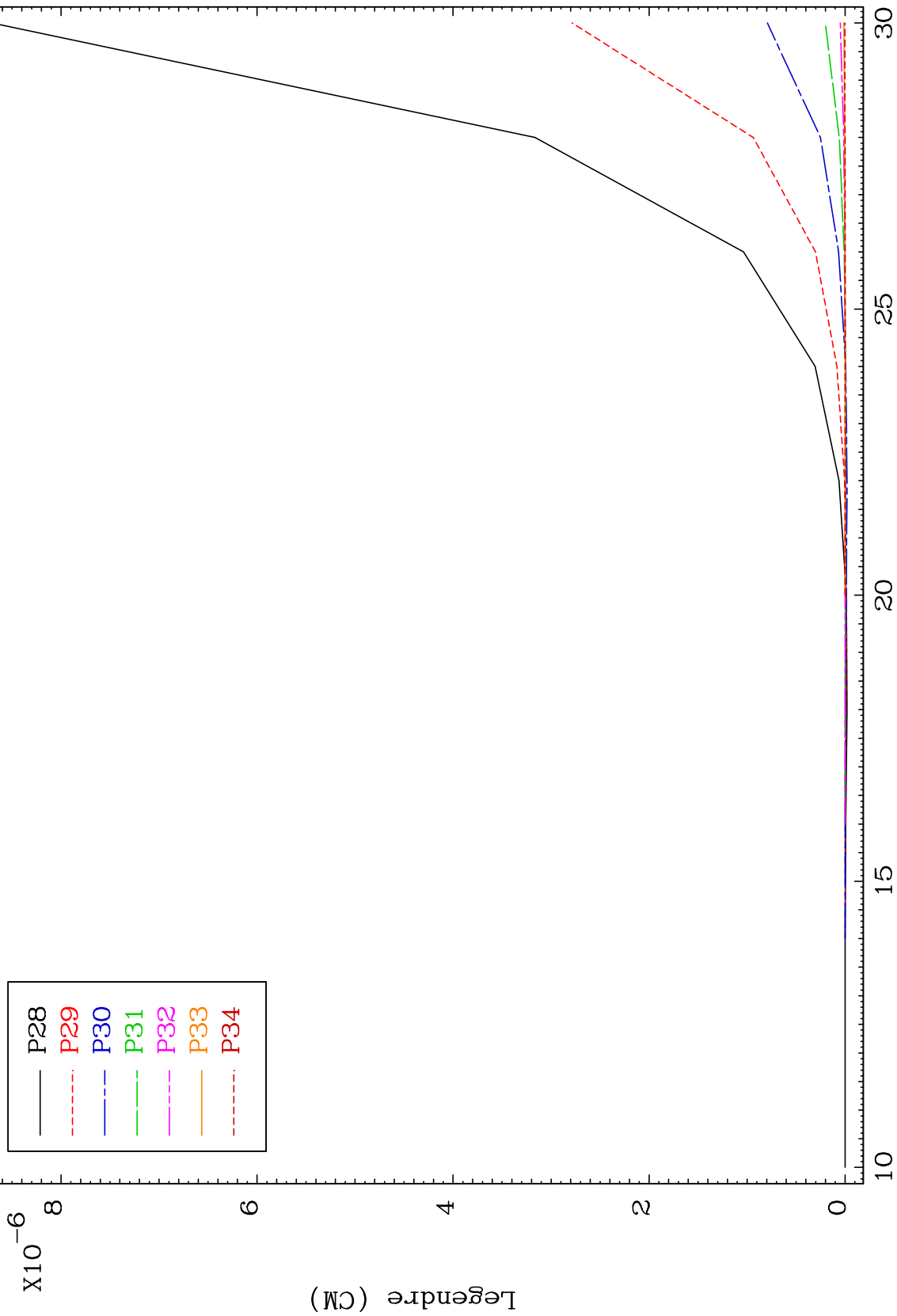
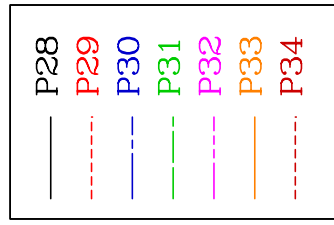
Incident Energy (MeV)

81-Tl-189

MAT 8083

Elastic
Legendre Coefficients

81-Tl-189



81-Tl-189

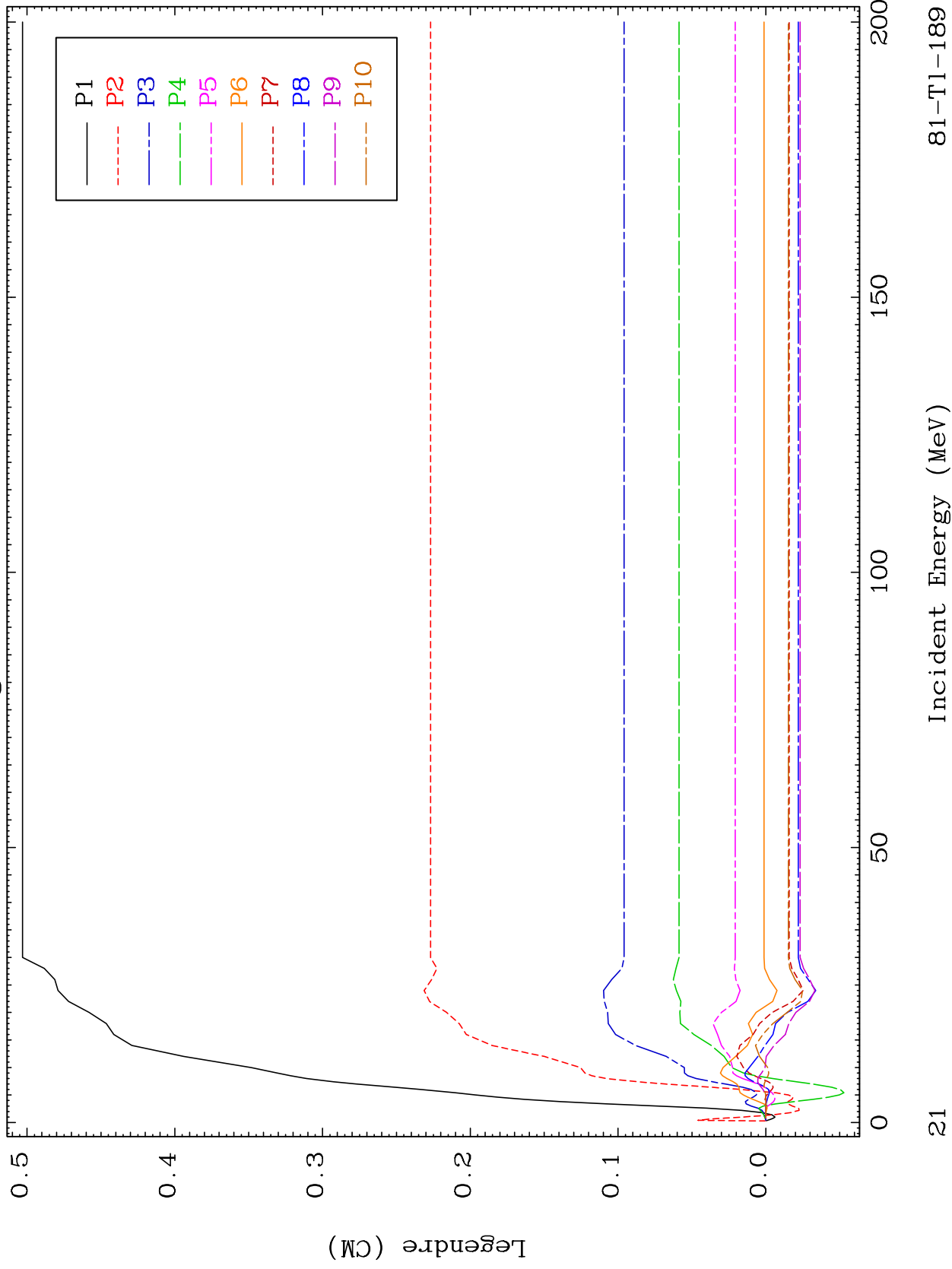
Incident Energy (MeV)

20

MAT 8083

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

81-Tl-189



81-Tl-189

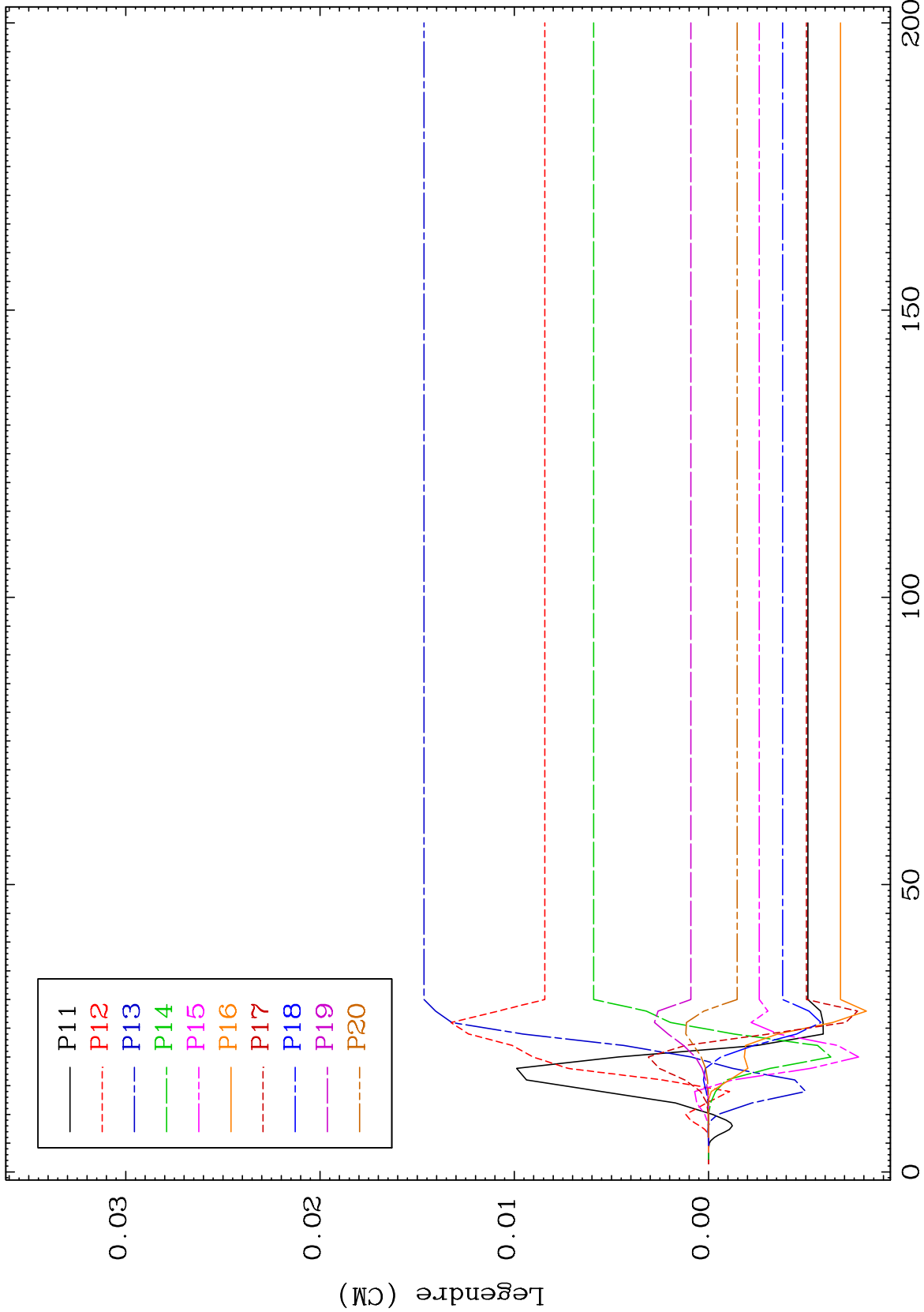
Incident Energy (MeV)

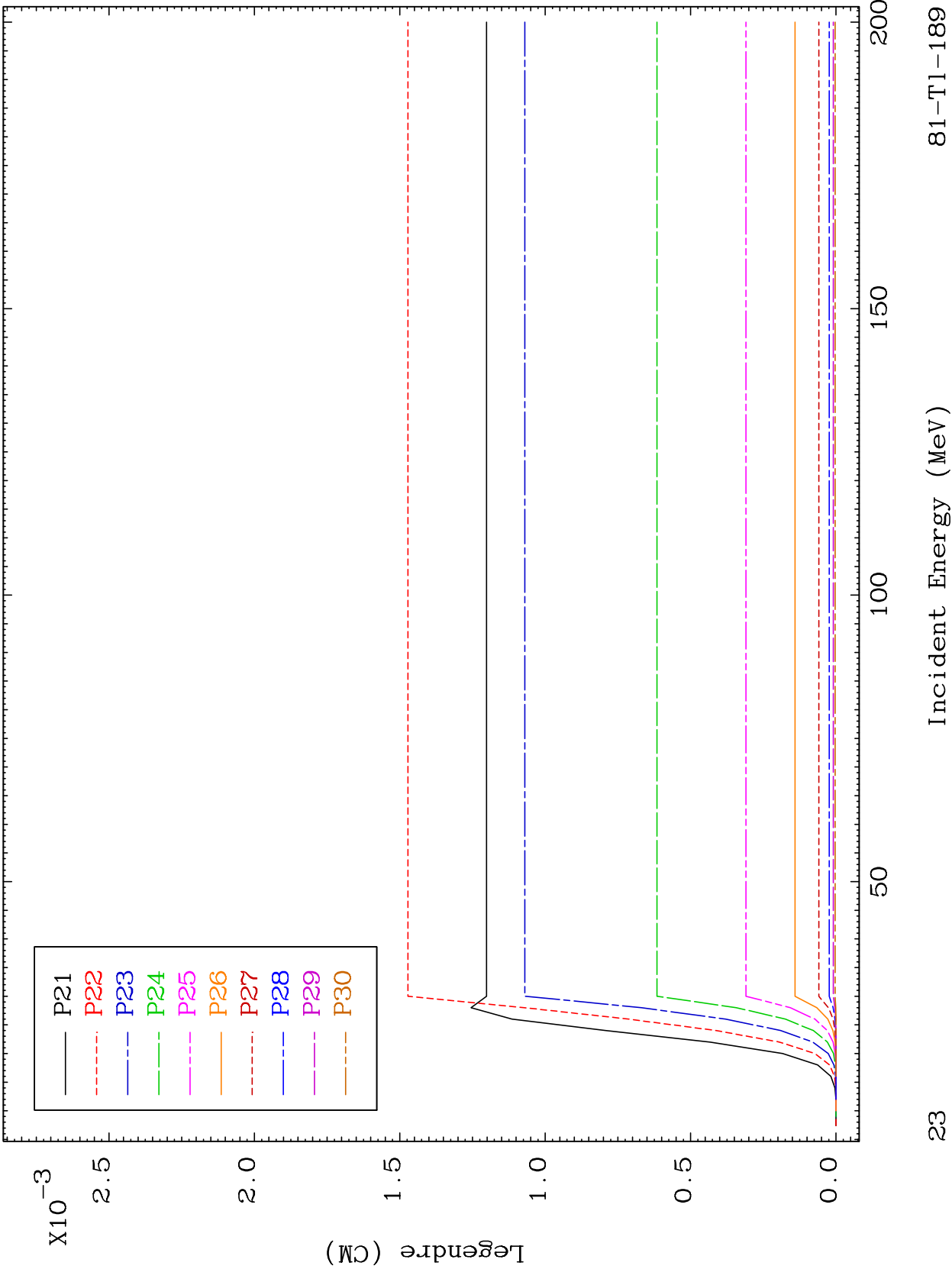
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MAT 8083

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

81-Tl-189

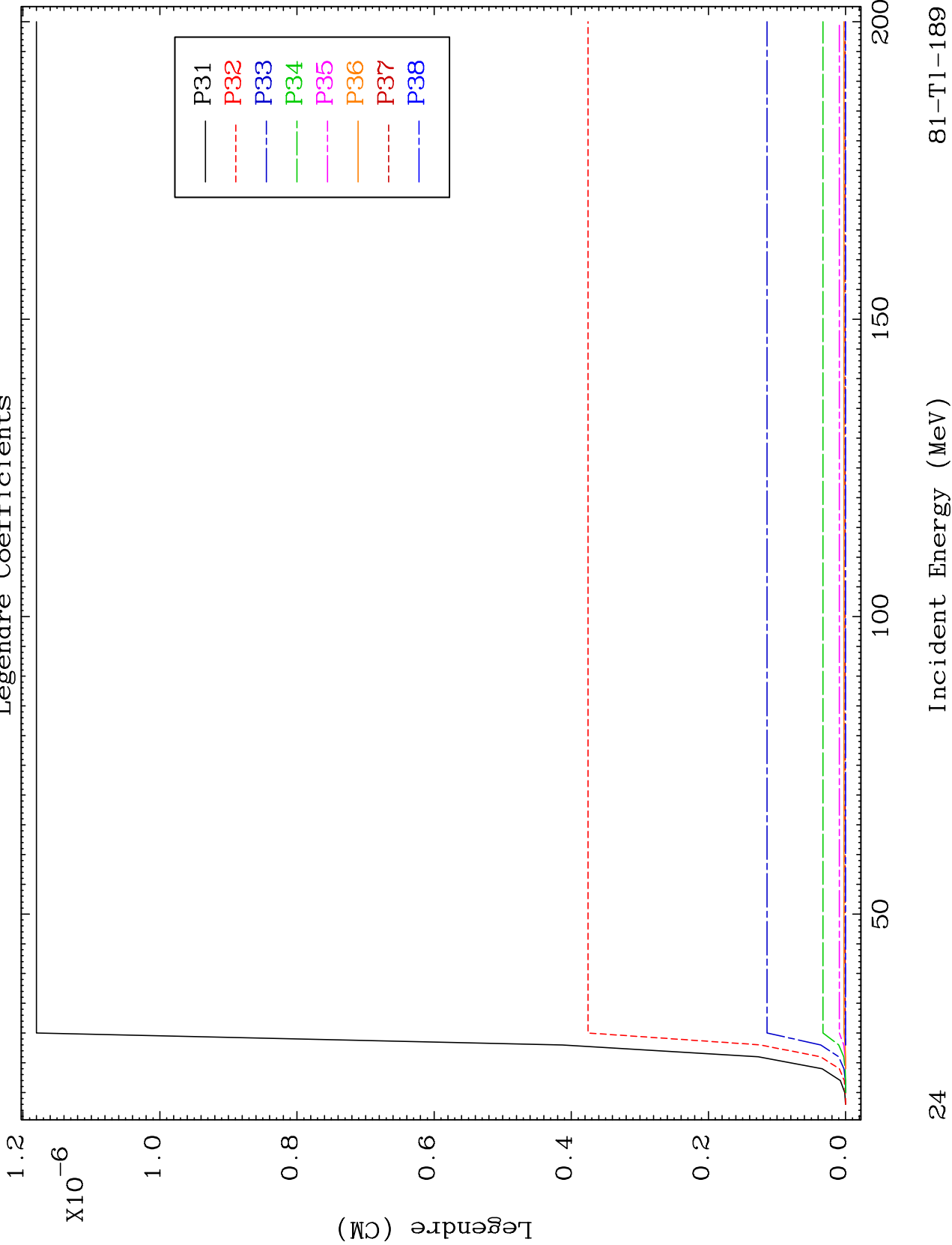




MAT 8083

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

81-Tl-189



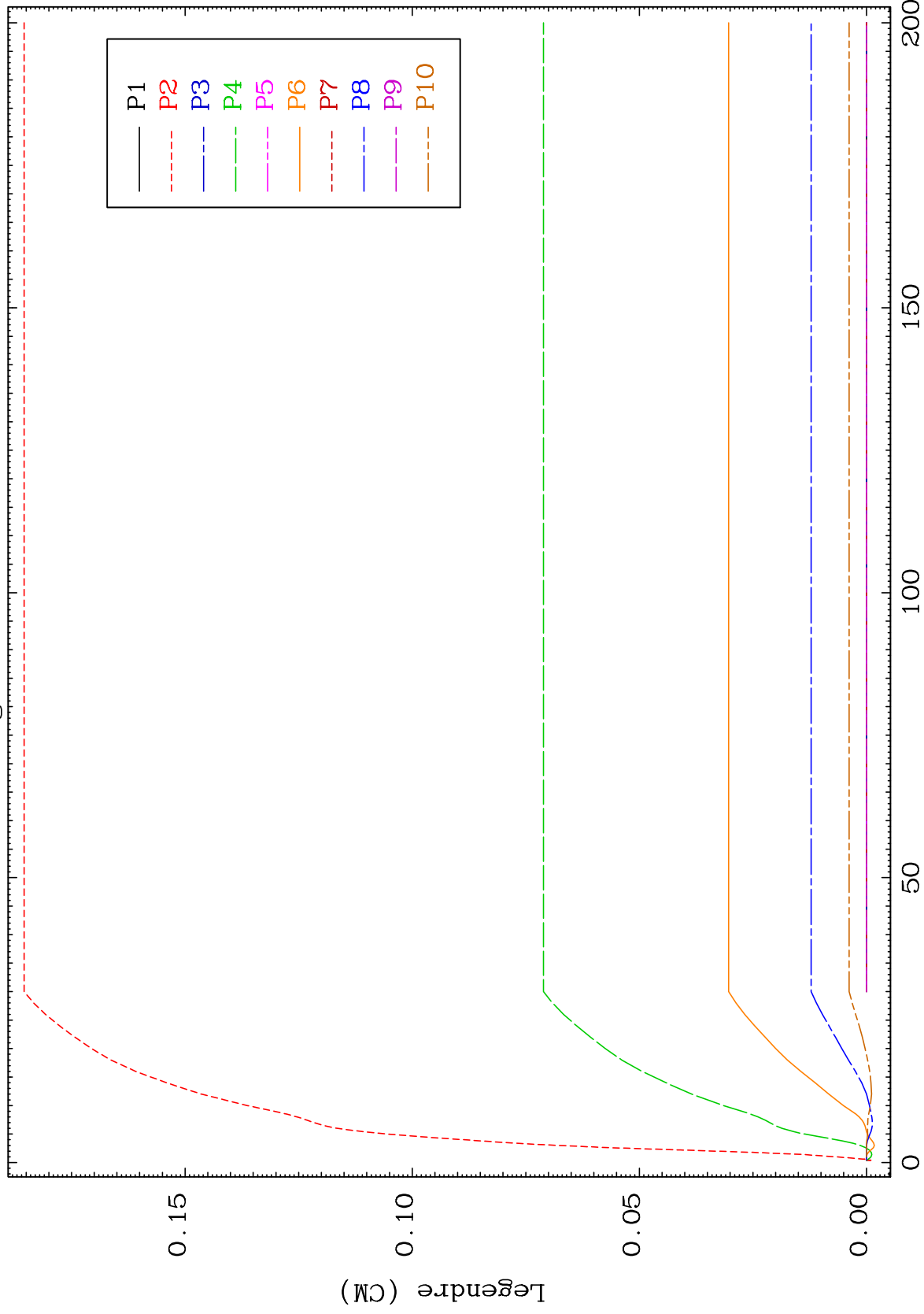
24

81-Tl-189

MAT 8083

MT= 52 (n,n') Level
Legendre Coefficients

81-Tl-189



81-Tl-189

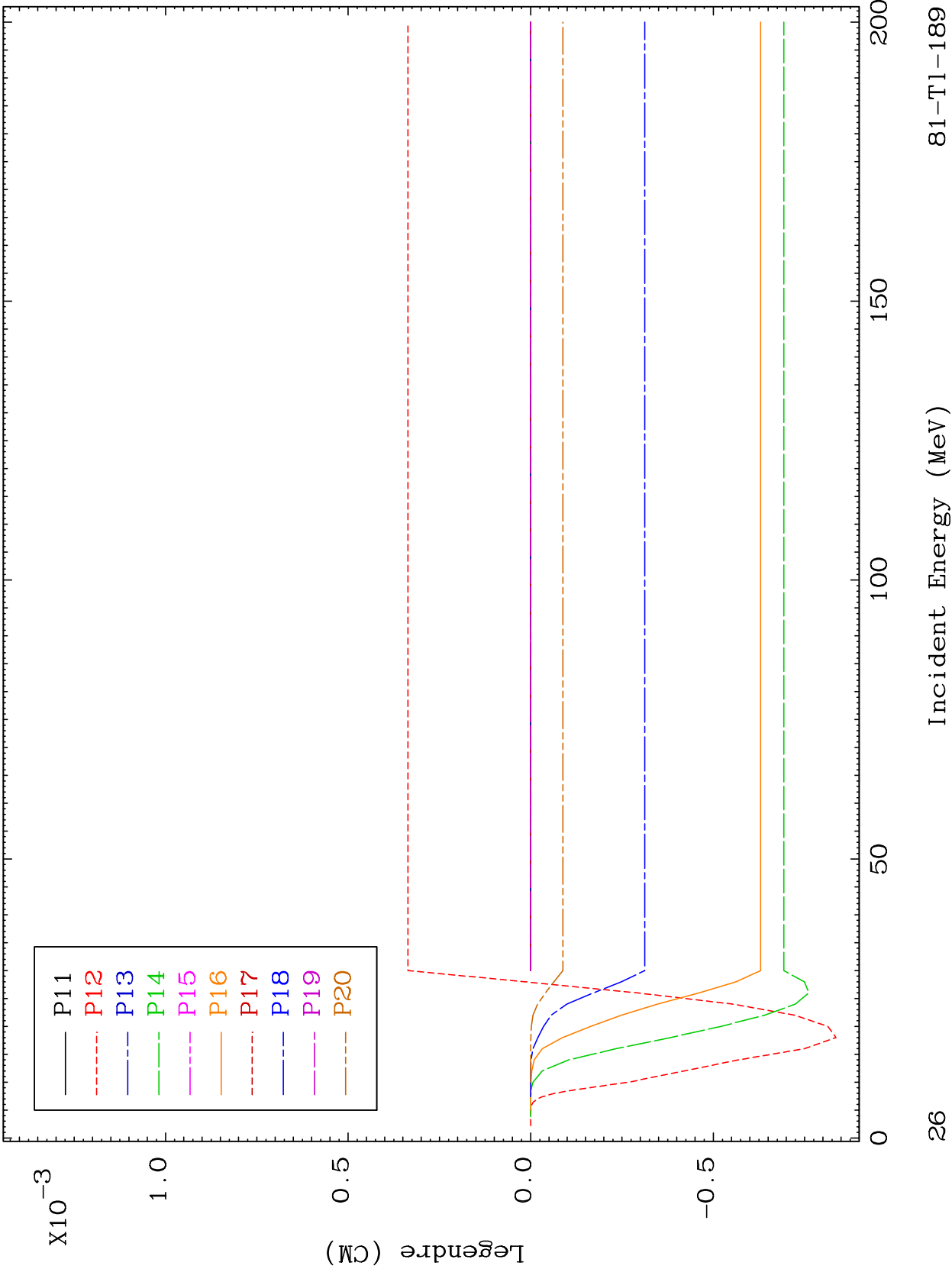
Incident Energy (MeV)

25

MAT 8083

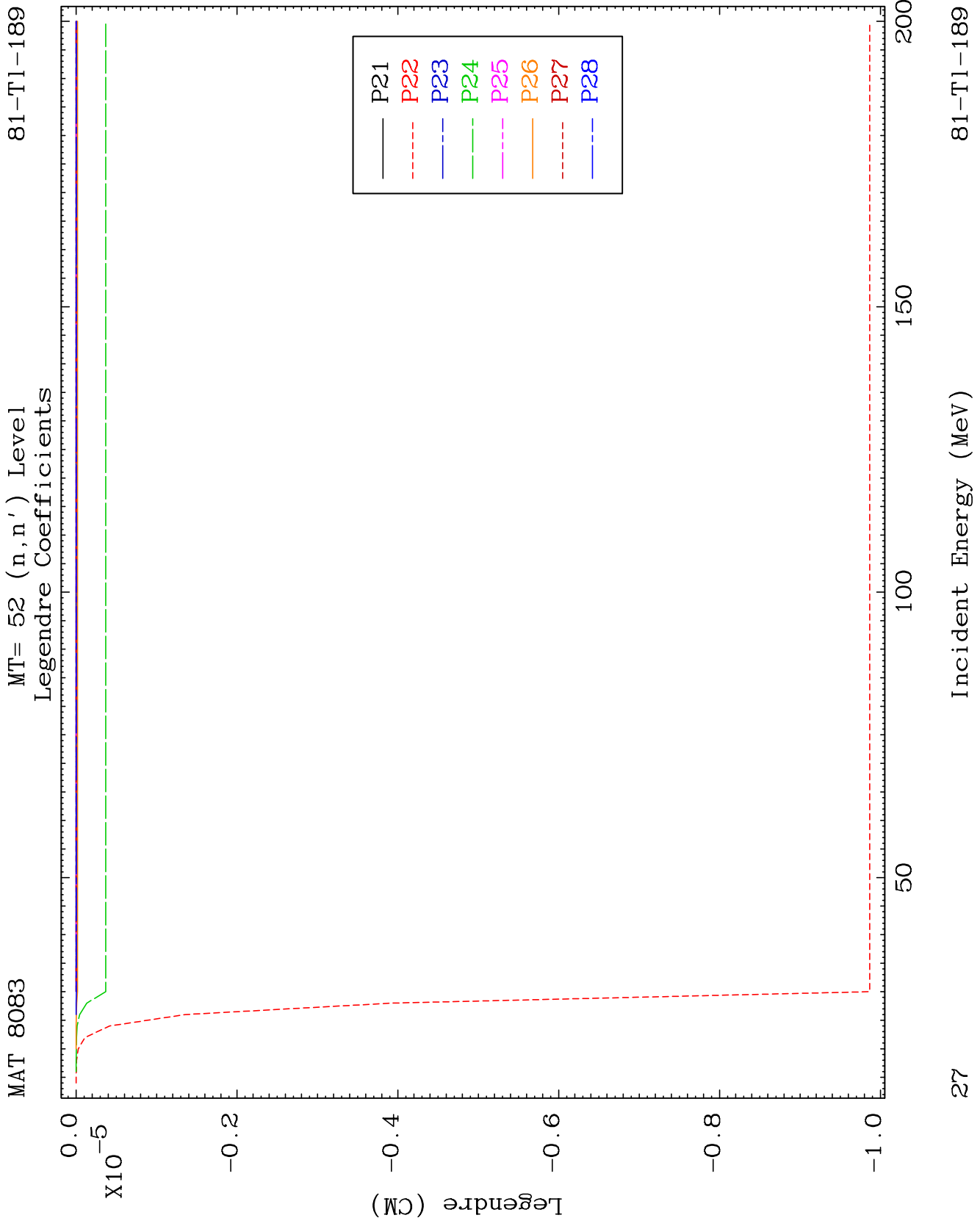
MT= 52 (n,n') Level
Legendre Coefficients

81-Tl-189



26

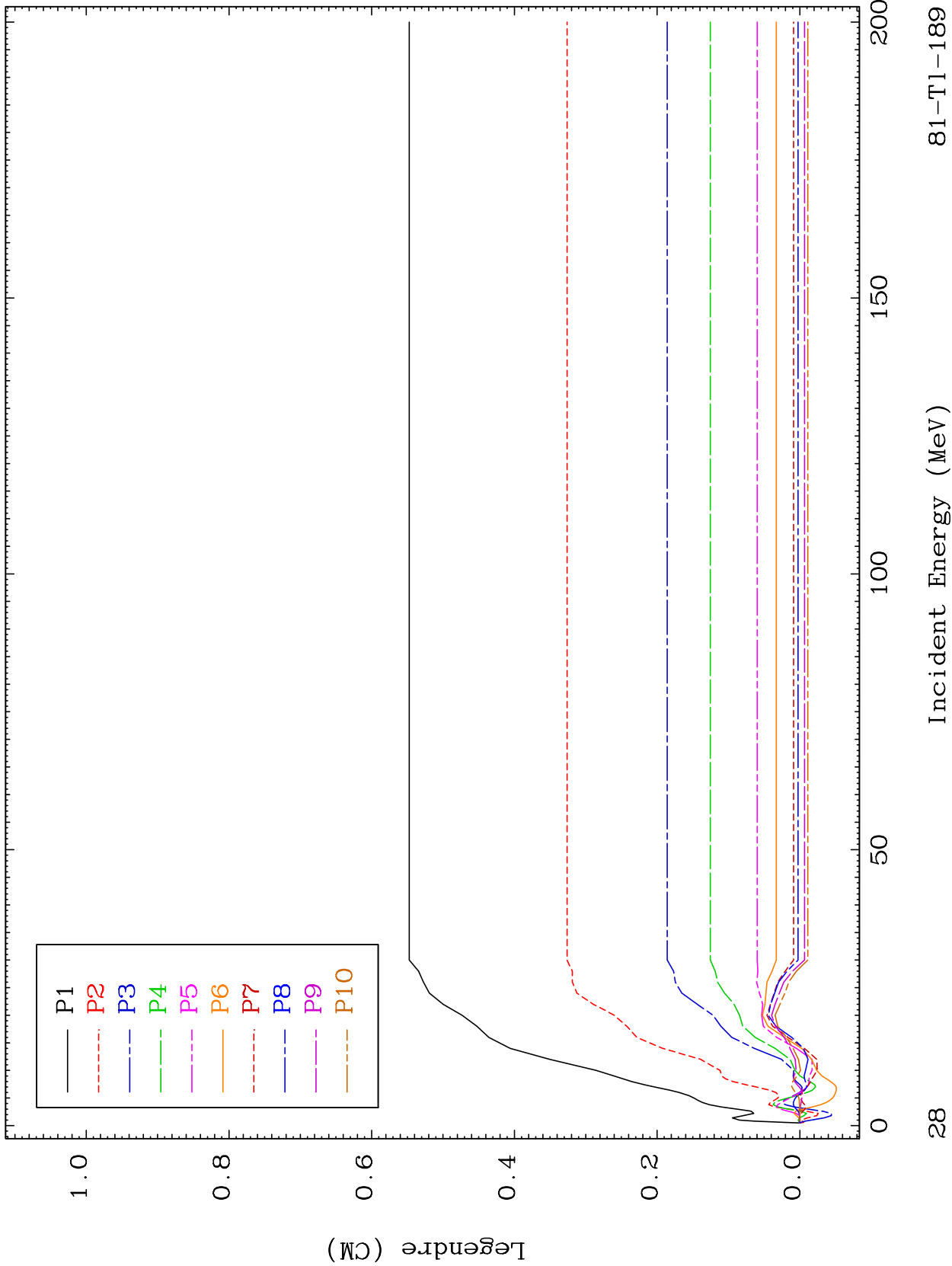
81-Tl-189



MAT 8083

MT= 53 (n,n') Level
Legendre Coefficients

81-Tl-189



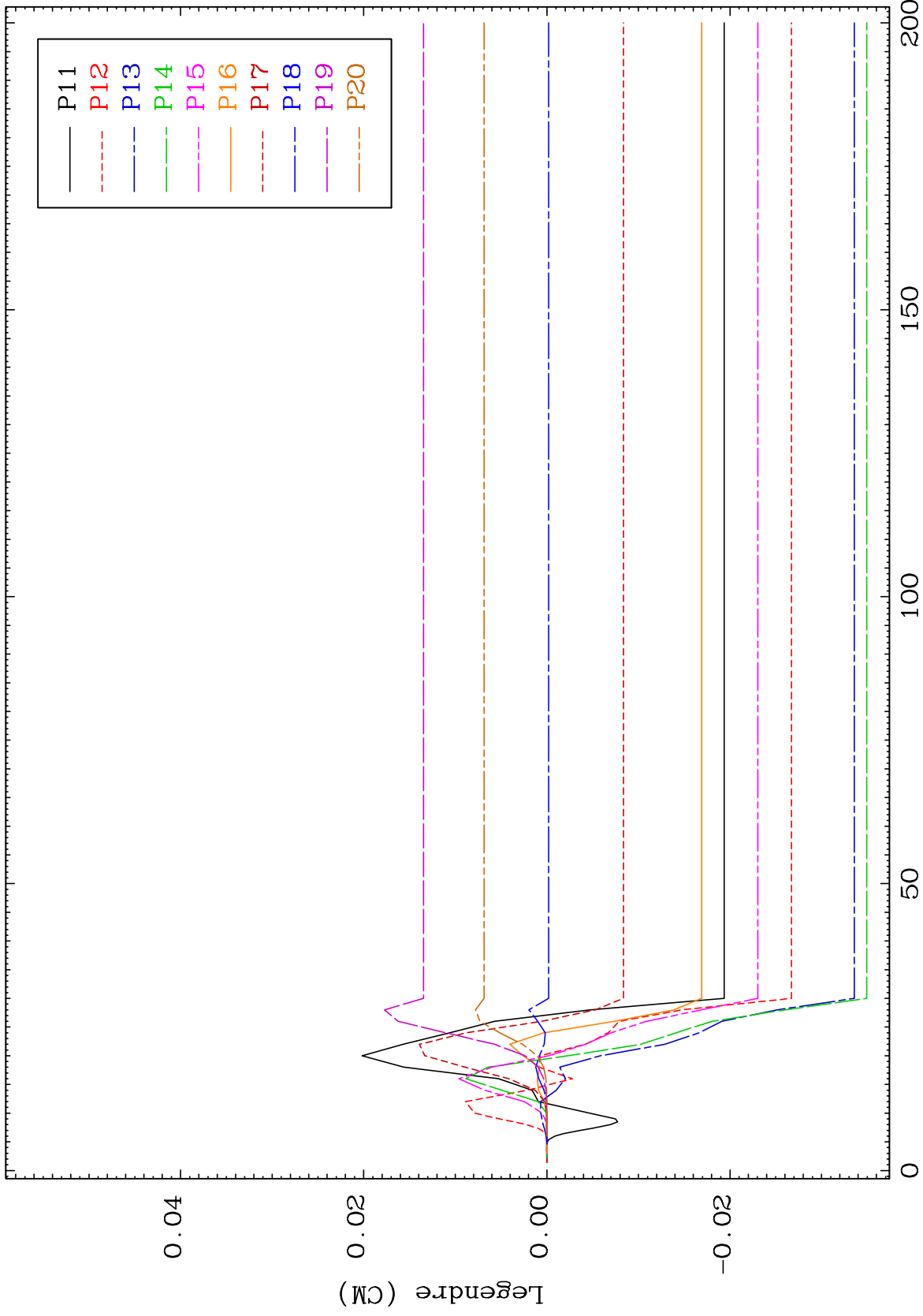
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81-Tl-189

MAT 8083

MT= 53 (n,n') Level
Legendre Coefficients

81-Tl-189



29

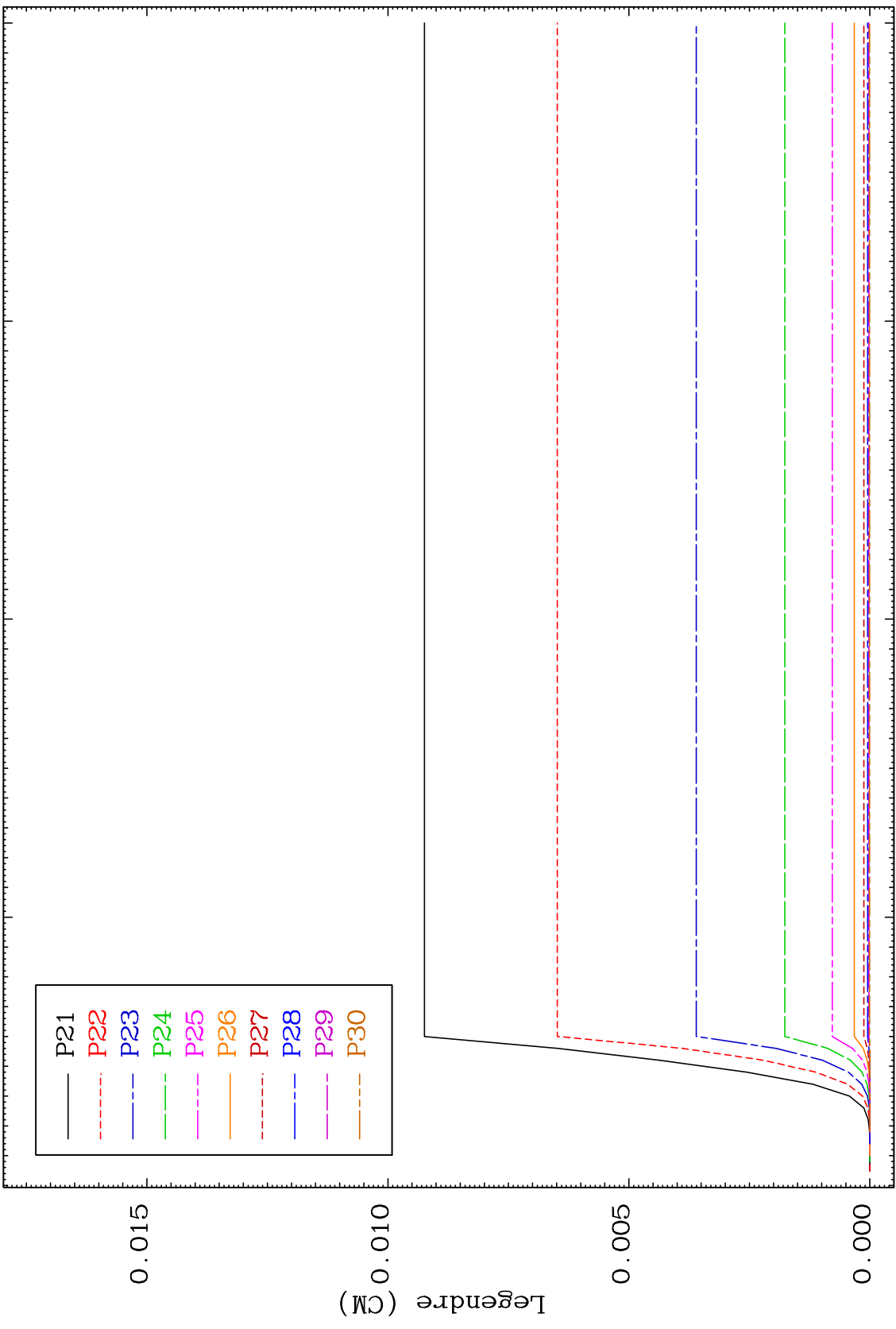
Incident Energy (MeV)

81-Tl-189

MAT 8083

MT= 53 (n,n') Level
Legendre Coefficients

81-Tl-189



30

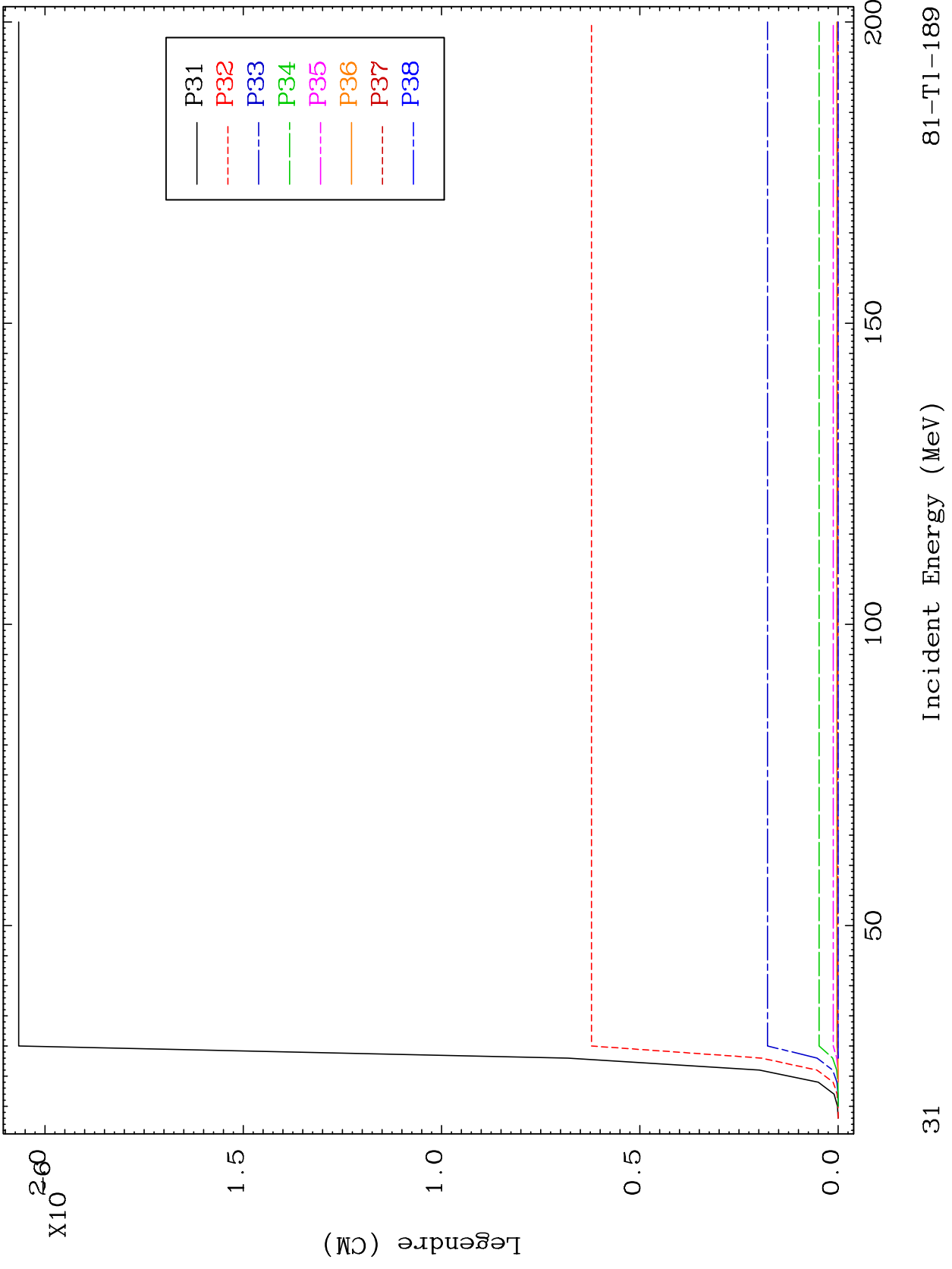
Incident Energy (MeV)

81-Tl-189

MAT 8083

MT= 53 (n,n') Level
Legendre Coefficients

81-Tl-189



31

Incident Energy (MeV)

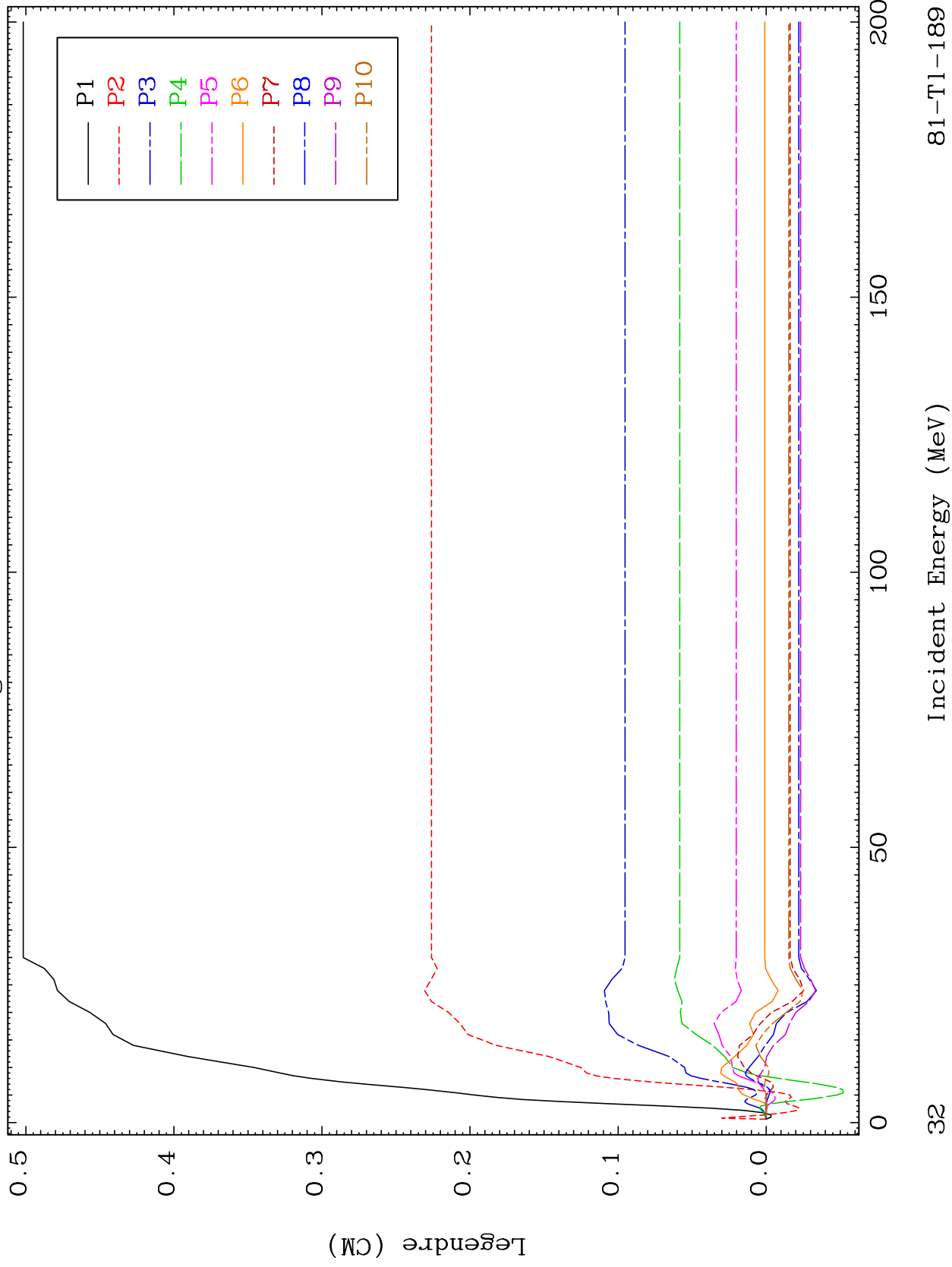
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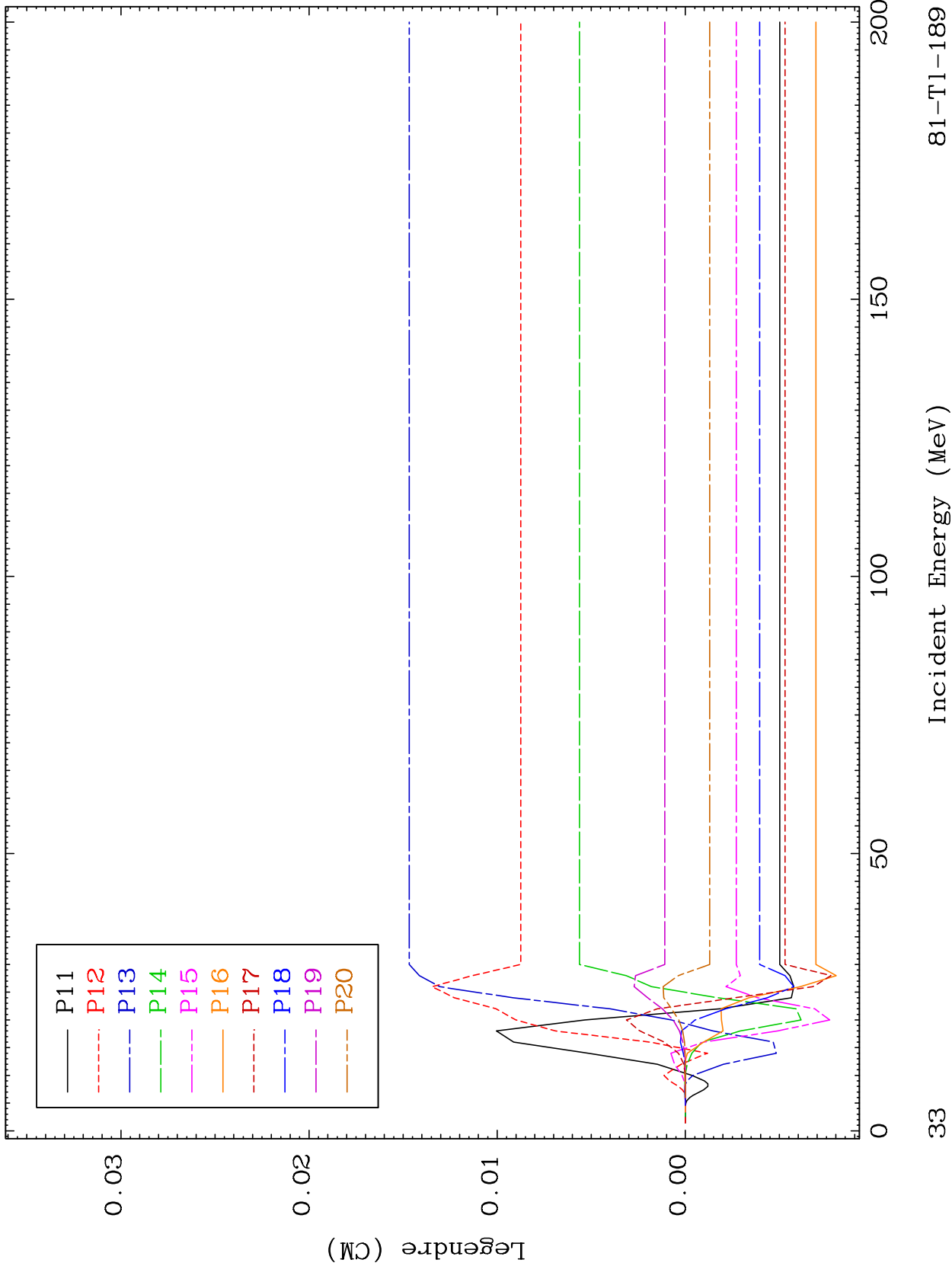
MAT 8083

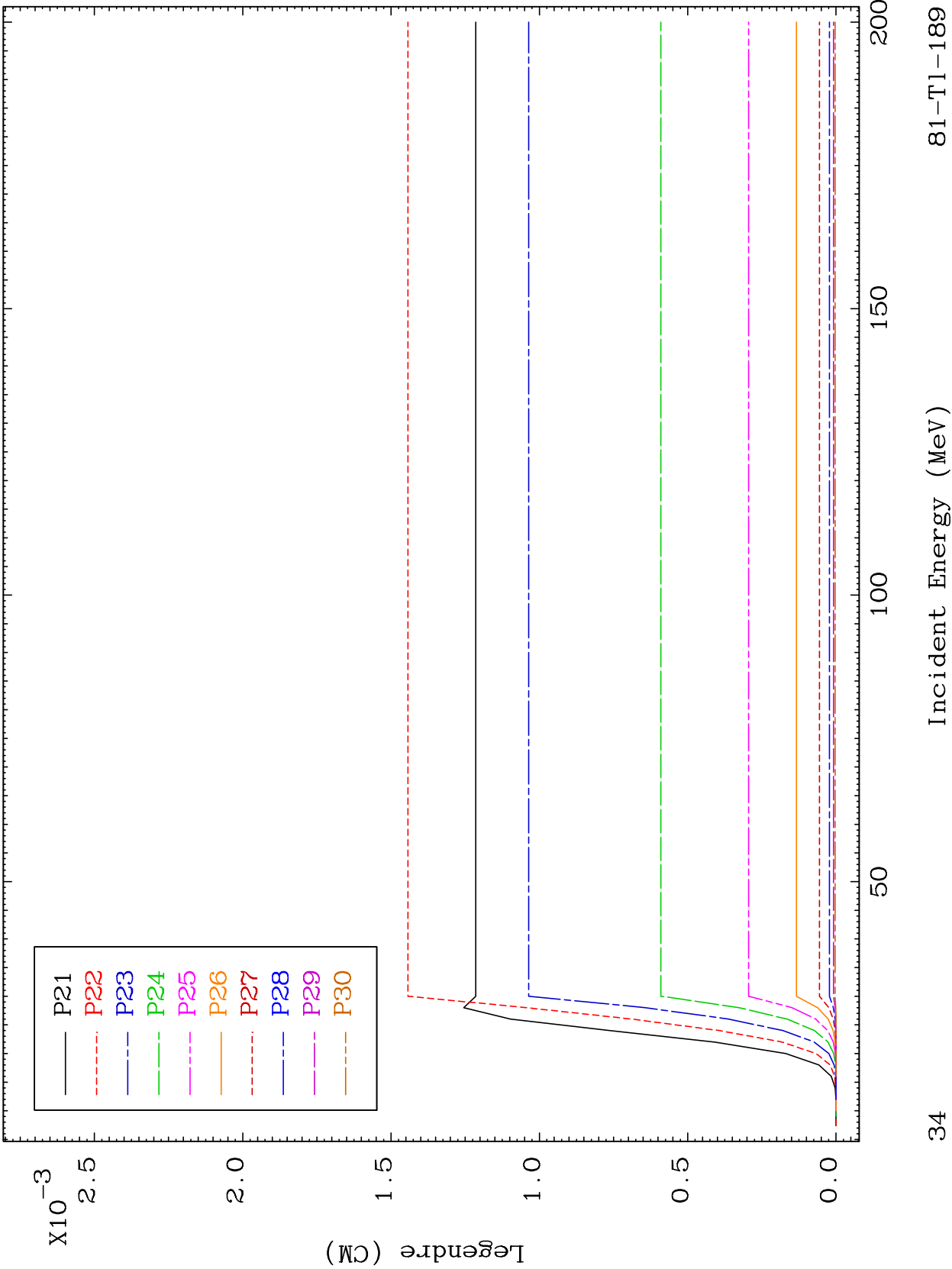
MT= 54 (n,n') Level

81-Tl-189

Legendre Coefficients



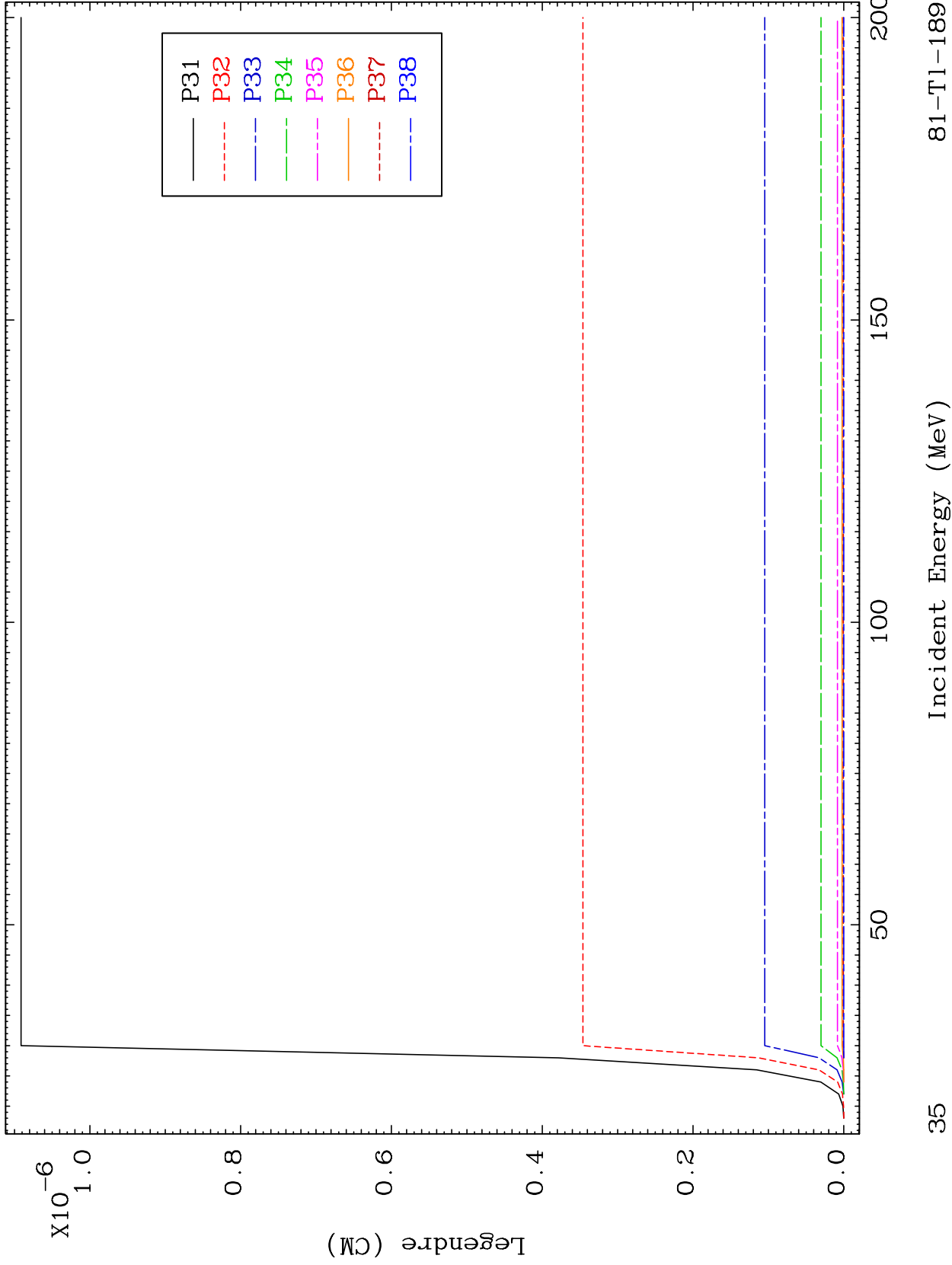




MAT 8083

MT= 54 (n,n') Level
Legendre Coefficients

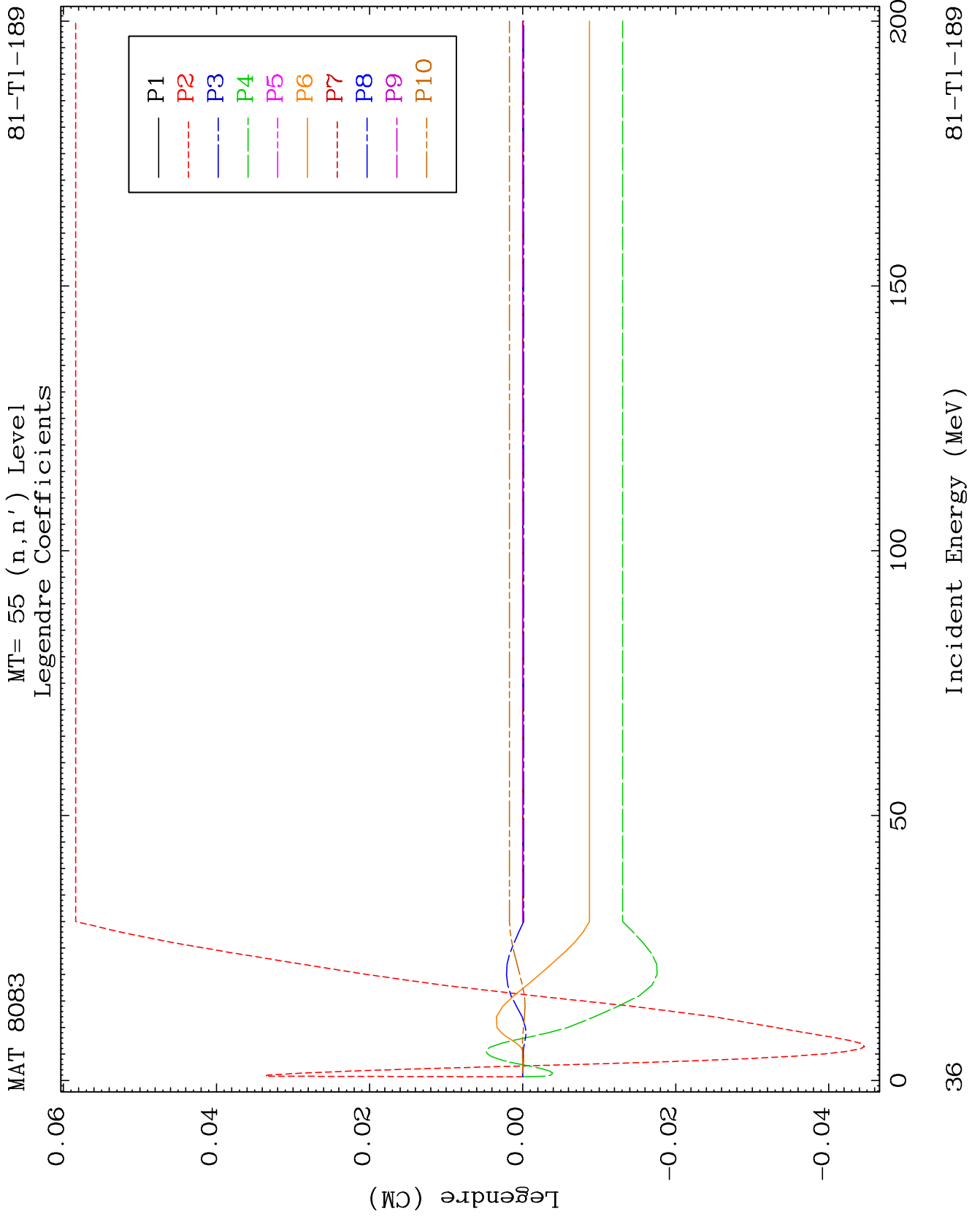
81-Tl-189



81-Tl-189

Incident Energy (MeV)

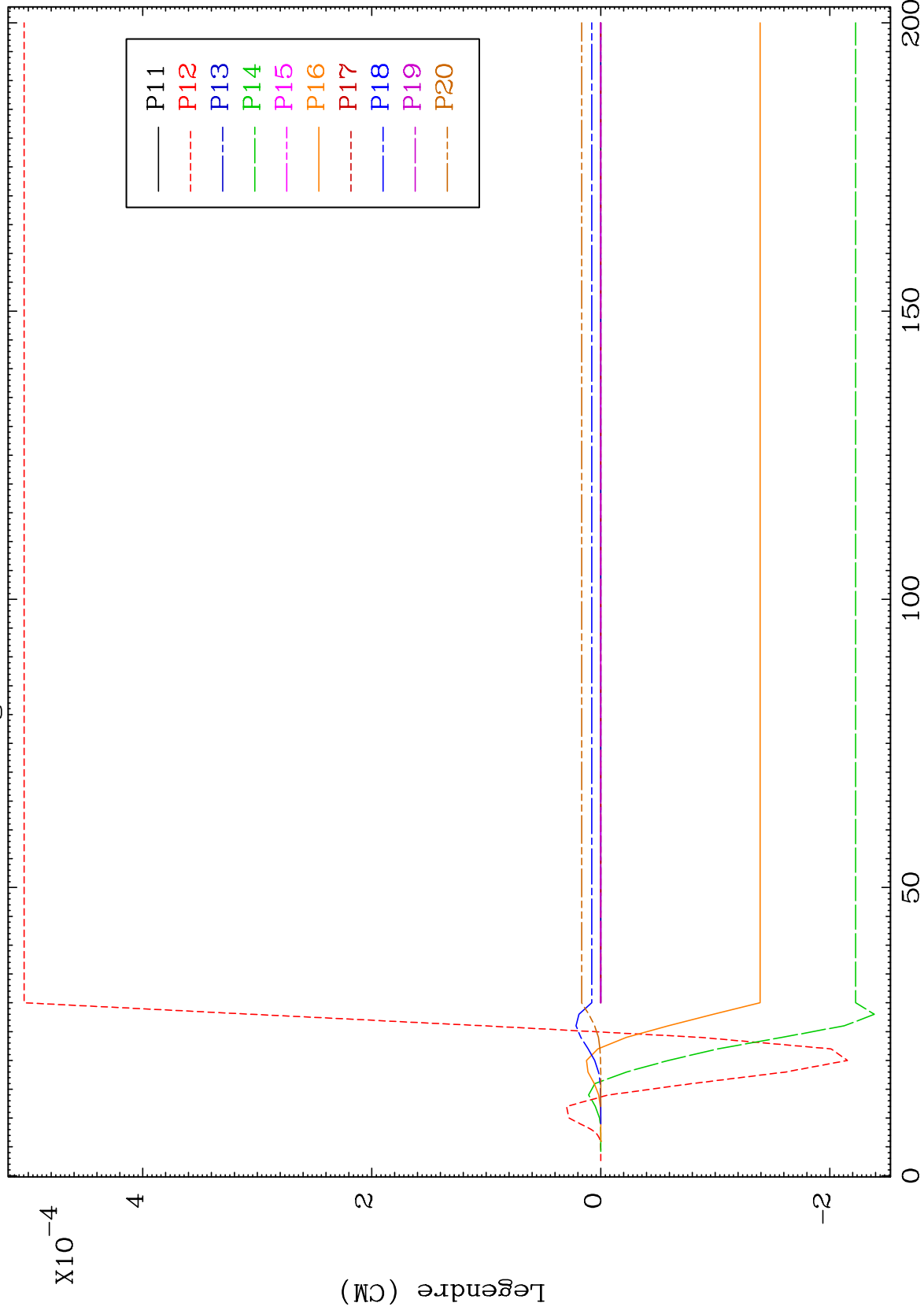
35



MAT 8083

MT= 55 (n,n') Level
Legendre Coefficients

81-Tl-189



37

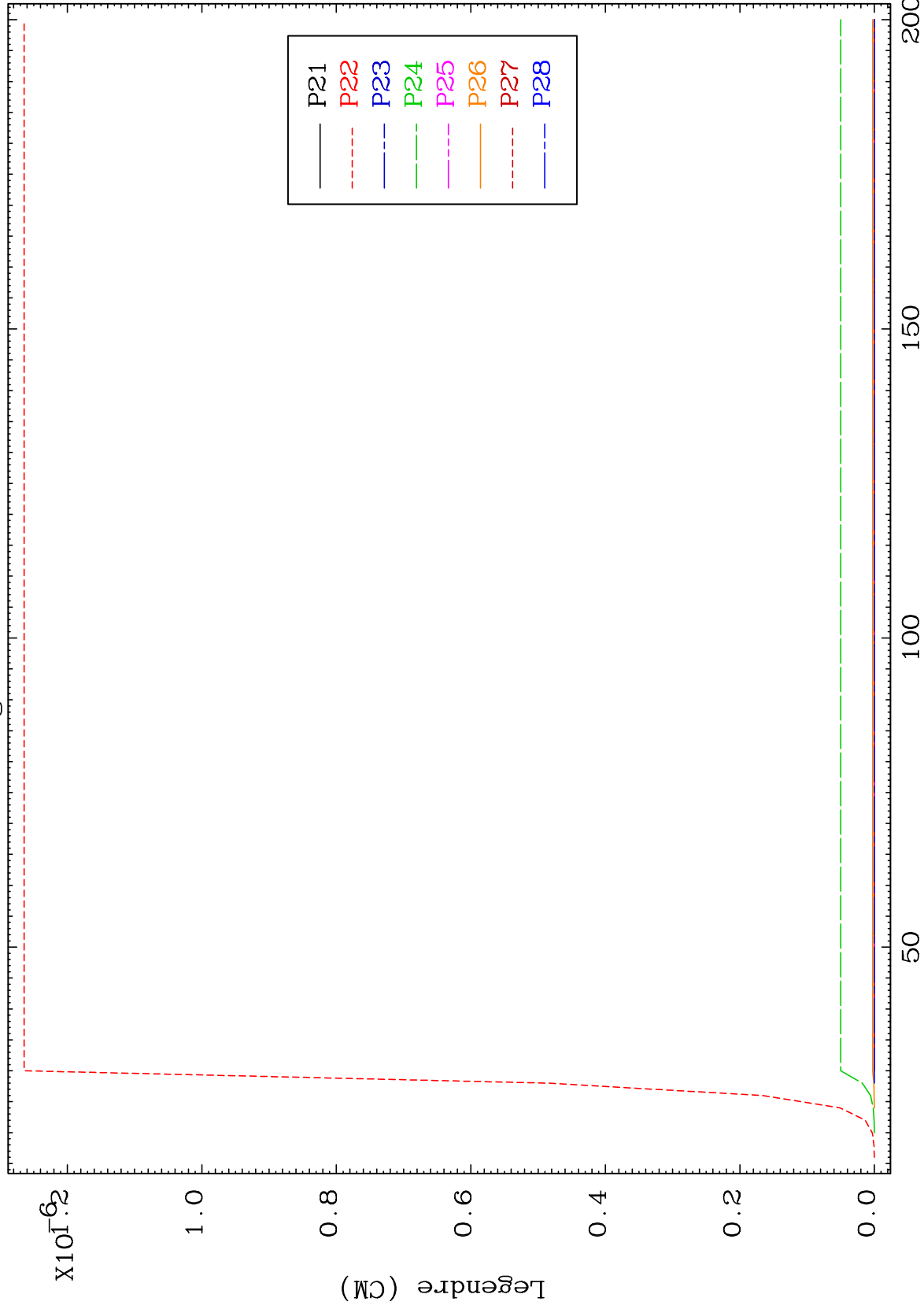
Incident Energy (MeV)

81-Tl-189

MAT 8083

MT= 55 (n,n') Level
Legendre Coefficients

81-Tl-189



38

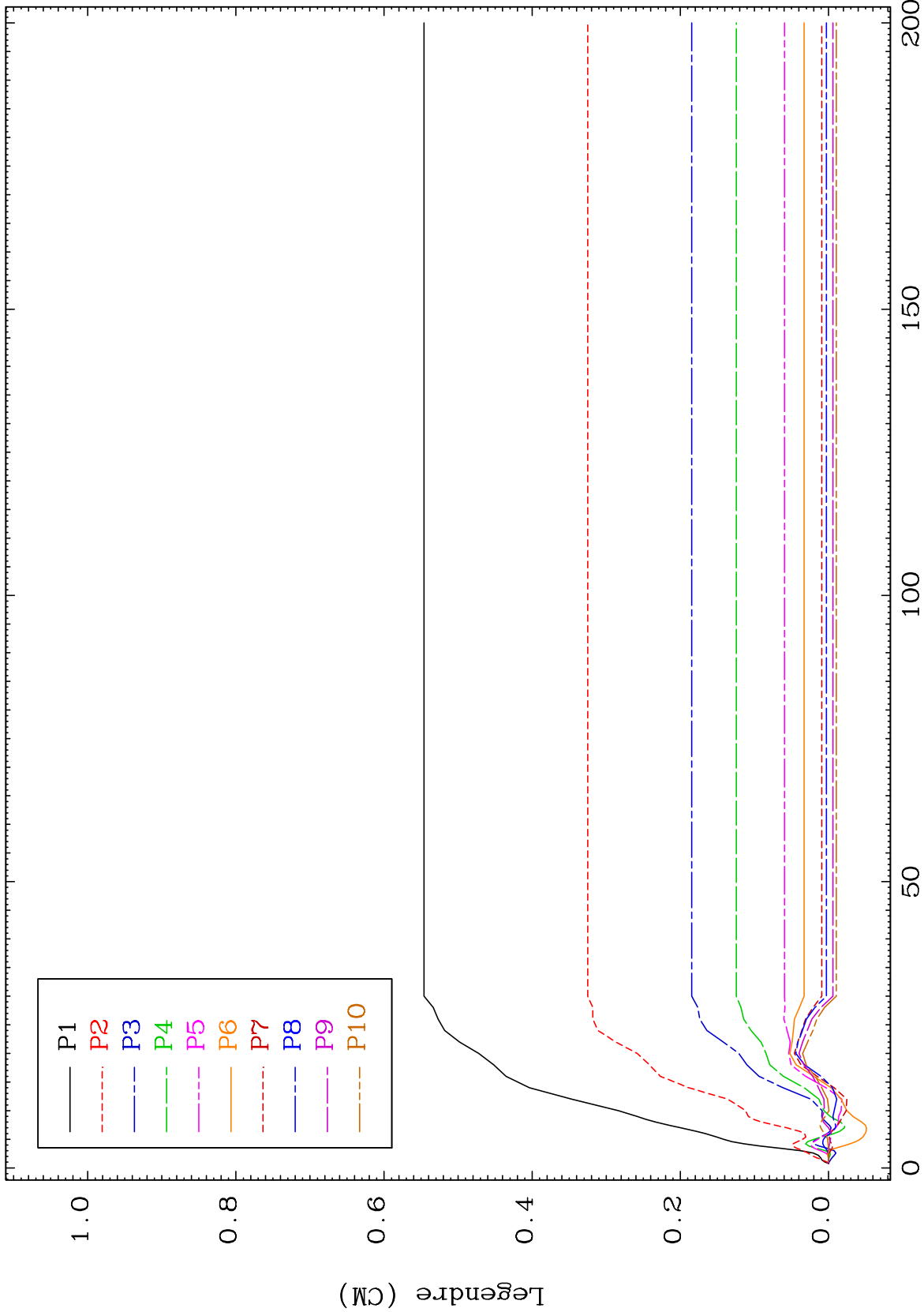
Incident Energy (MeV)

81-Tl-189

MAT 8083

MT= 56 (n,n') Level
Legendre Coefficients

81-Tl-189



39

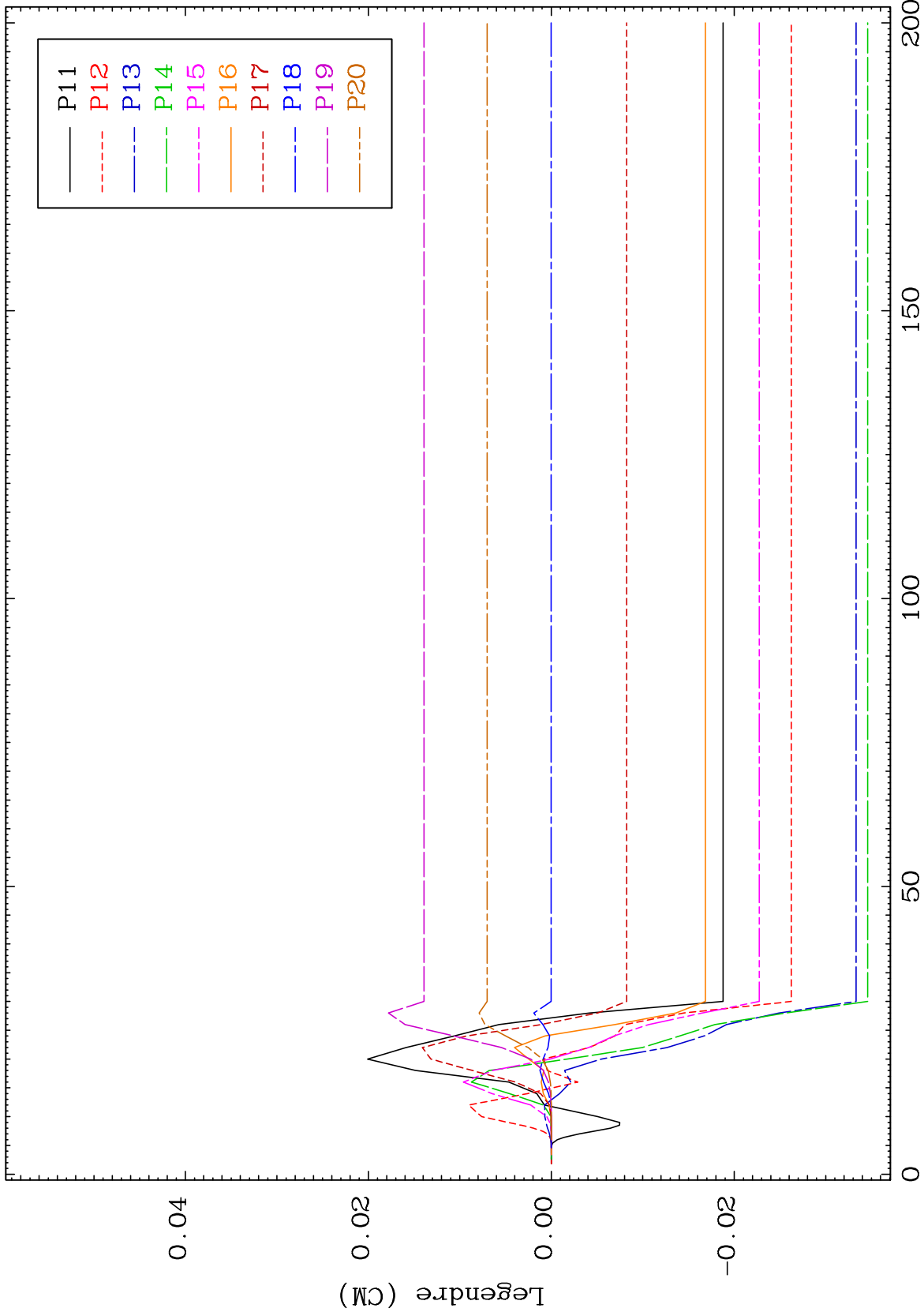
Incident Energy (MeV)

81-Tl-189

MAT 8083

MT= 56 (n,n') Level
Legendre Coefficients

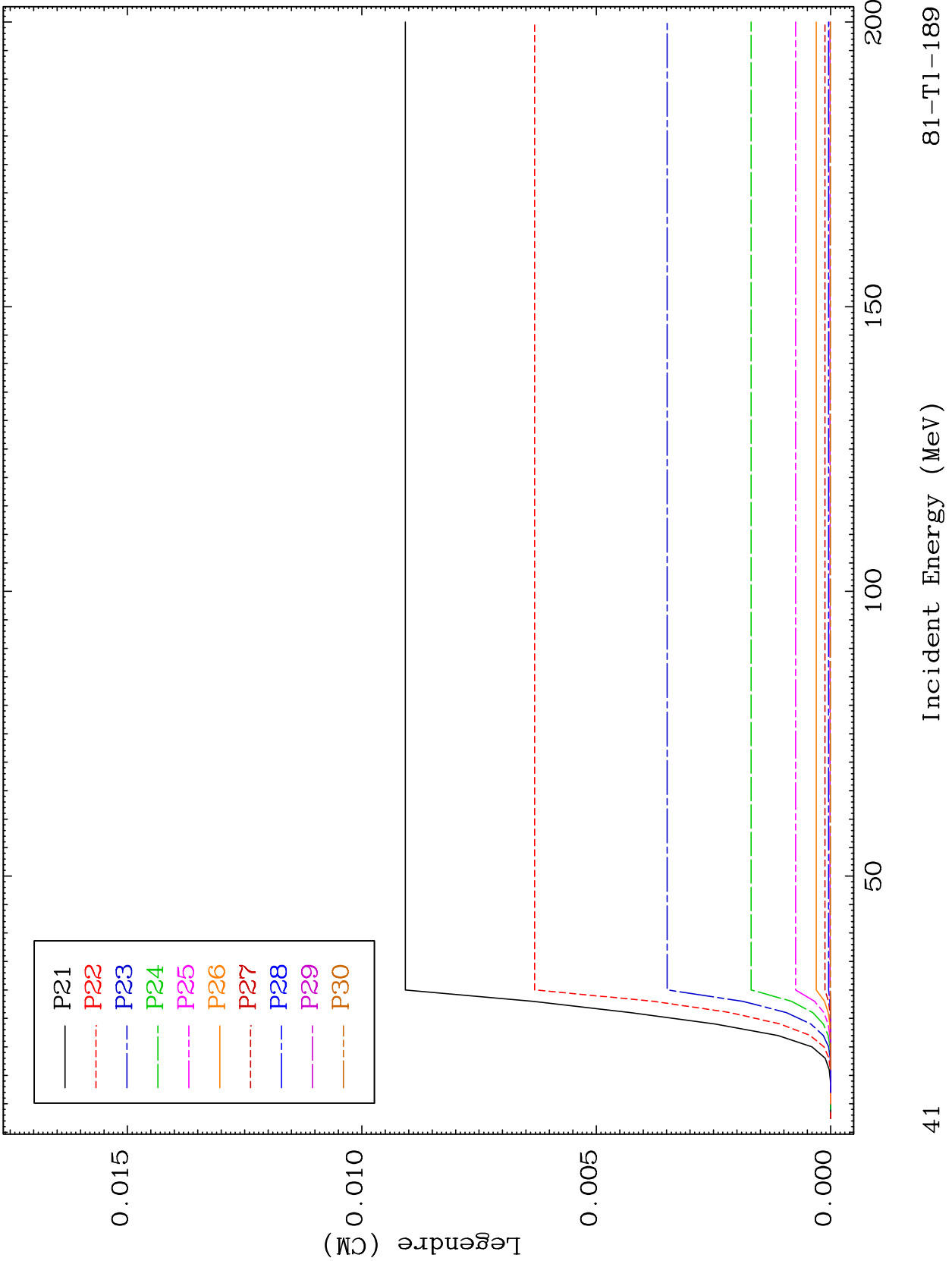
81-Tl-189



81-Tl-189

Incident Energy (MeV)

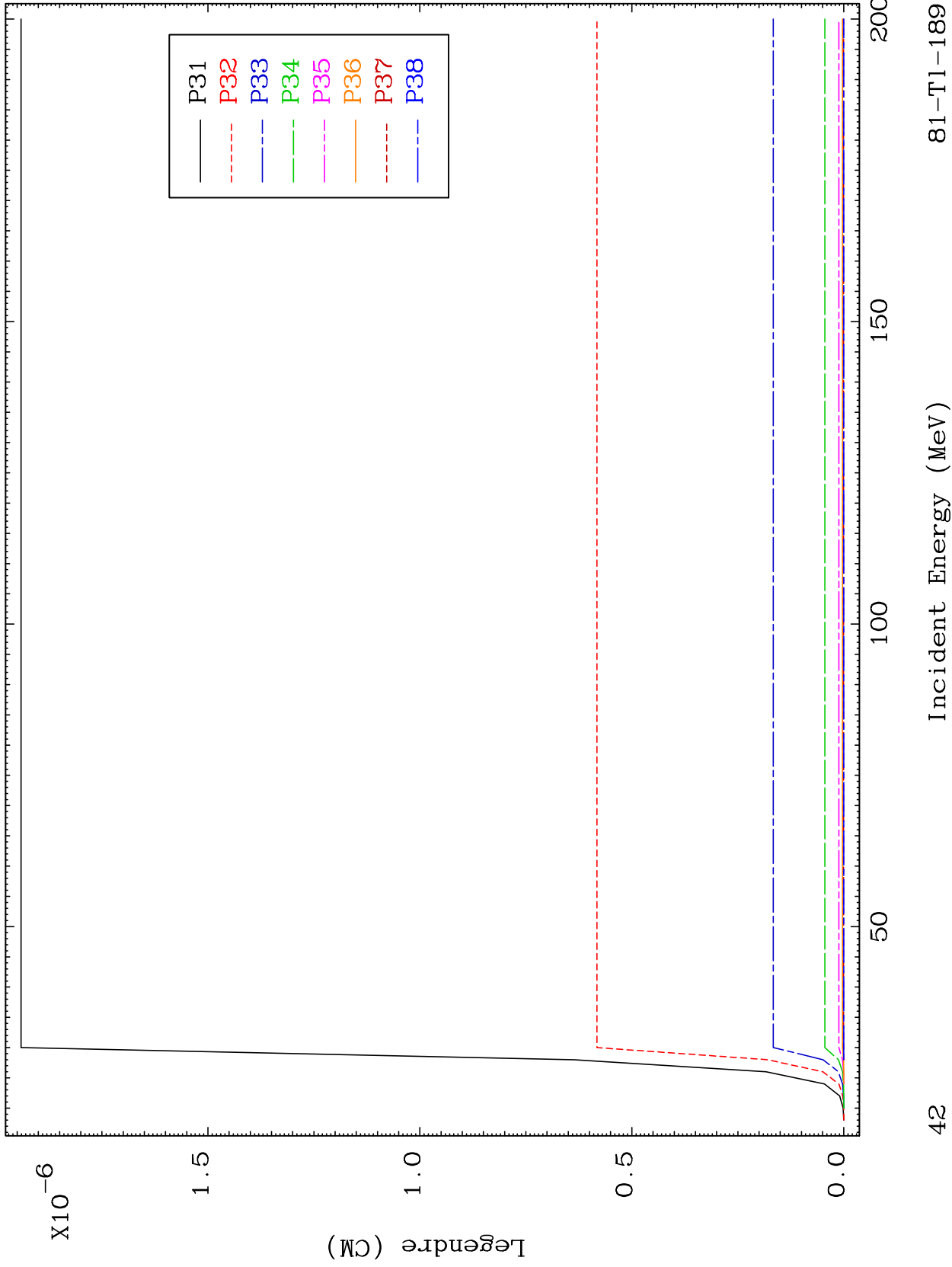
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MAT 8083

MT= 56 (n,n') Level
Legendre Coefficients

81-Tl-189



42

Incident Energy (MeV)

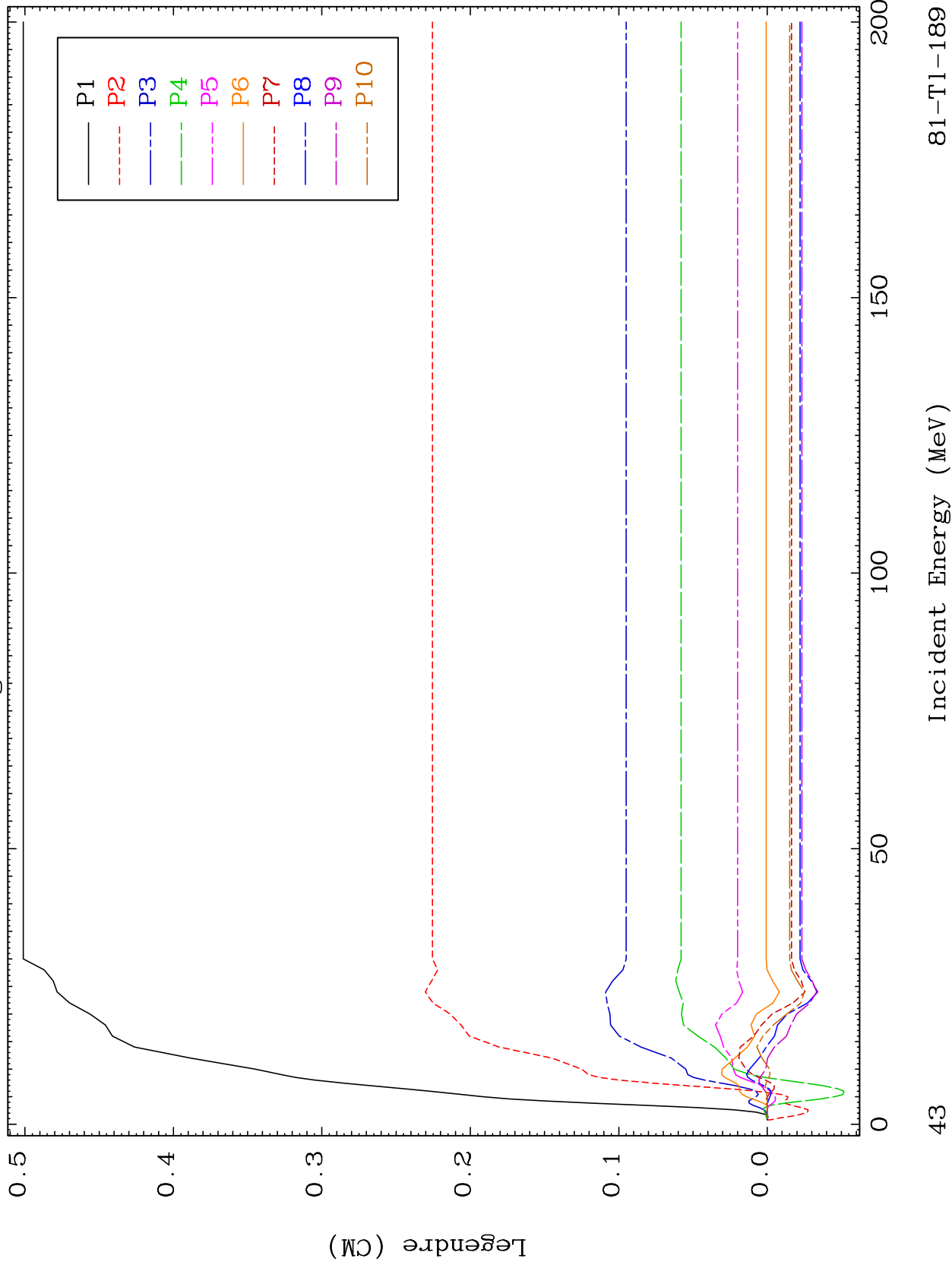
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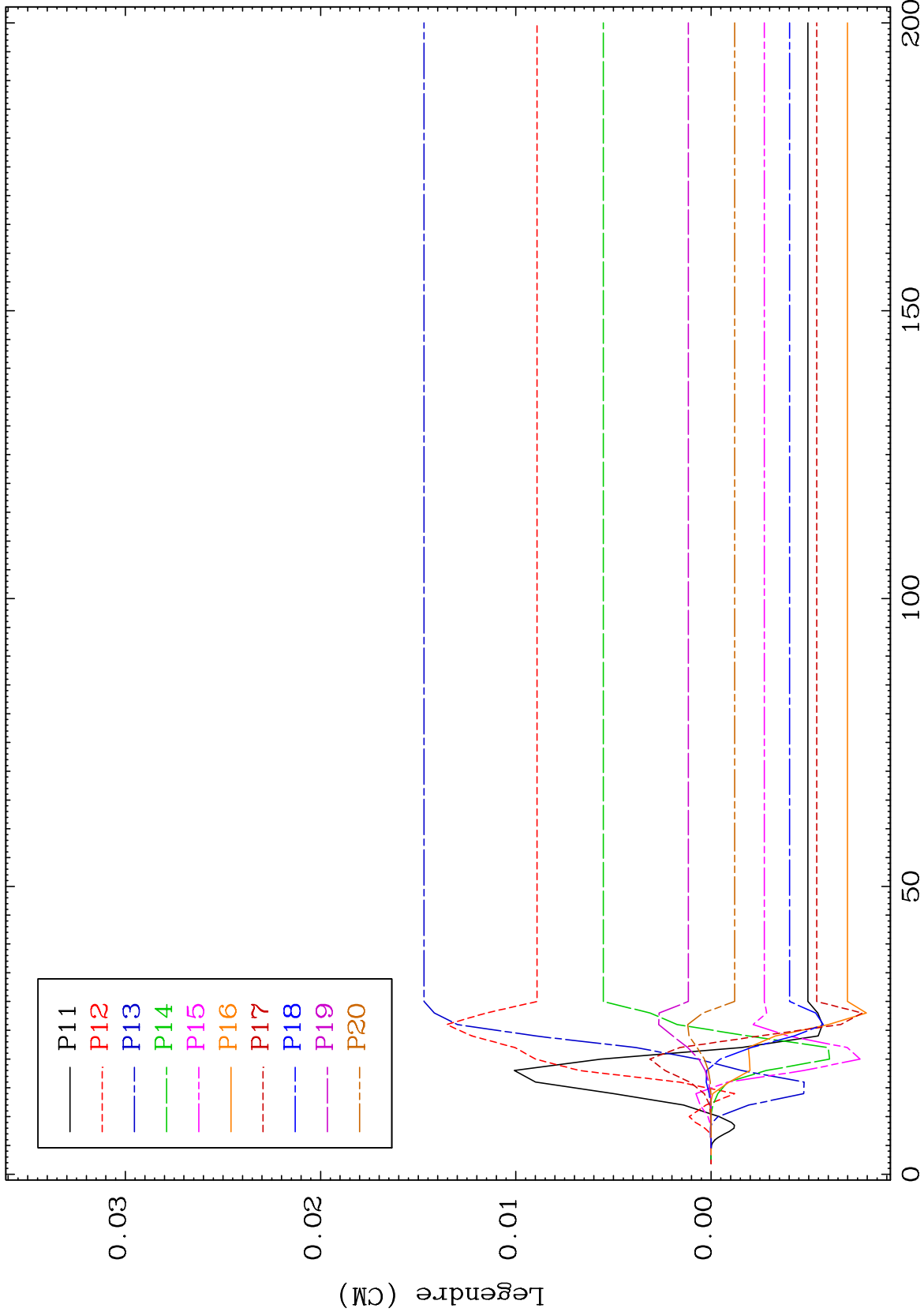
MAT 8083

MT= 57 (n,n') Level

81-Tl-189

Legendre Coefficients

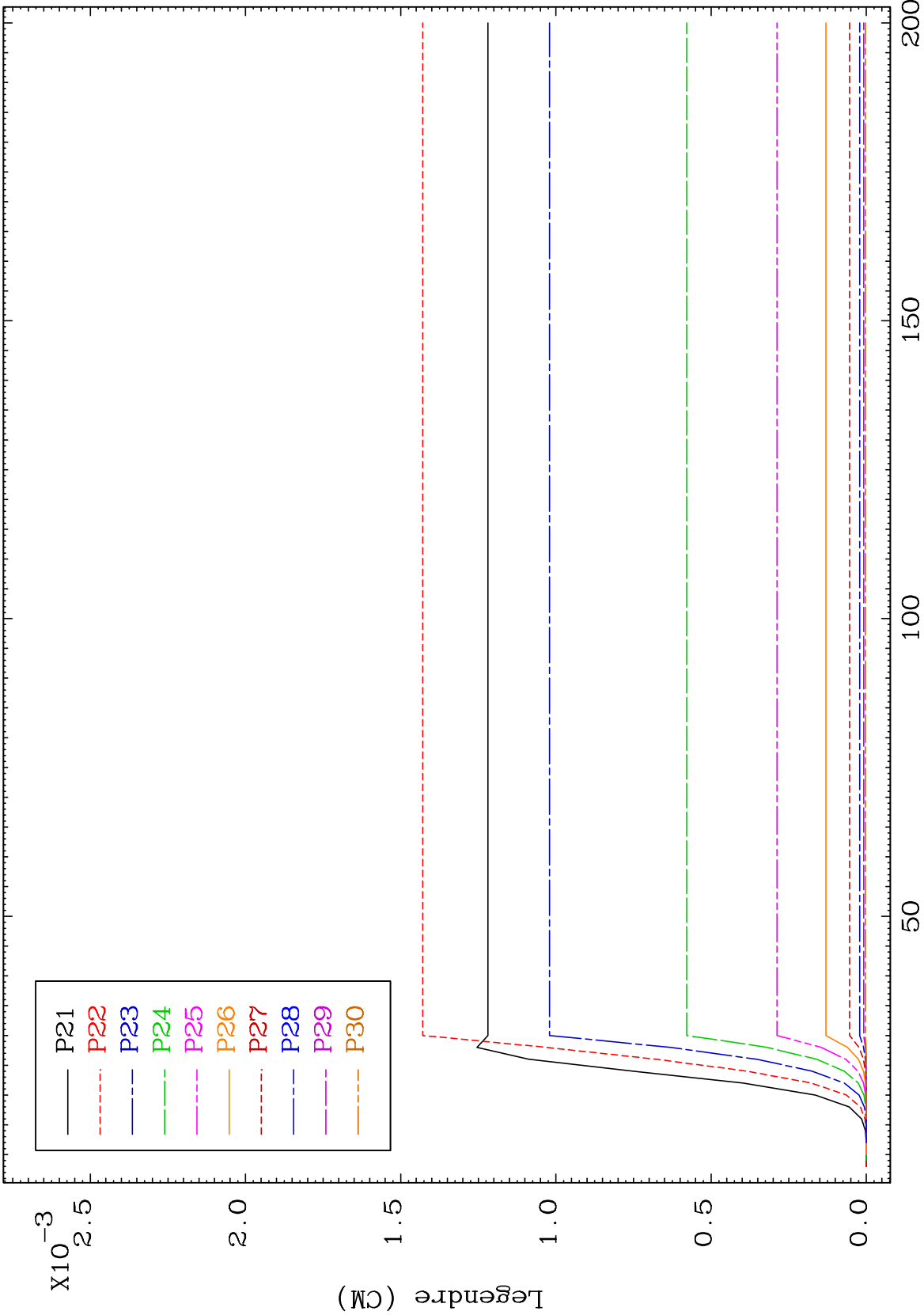




MAT 8083

MT= 57 (n,n') Level
Legendre Coefficients

81-Tl-189



45

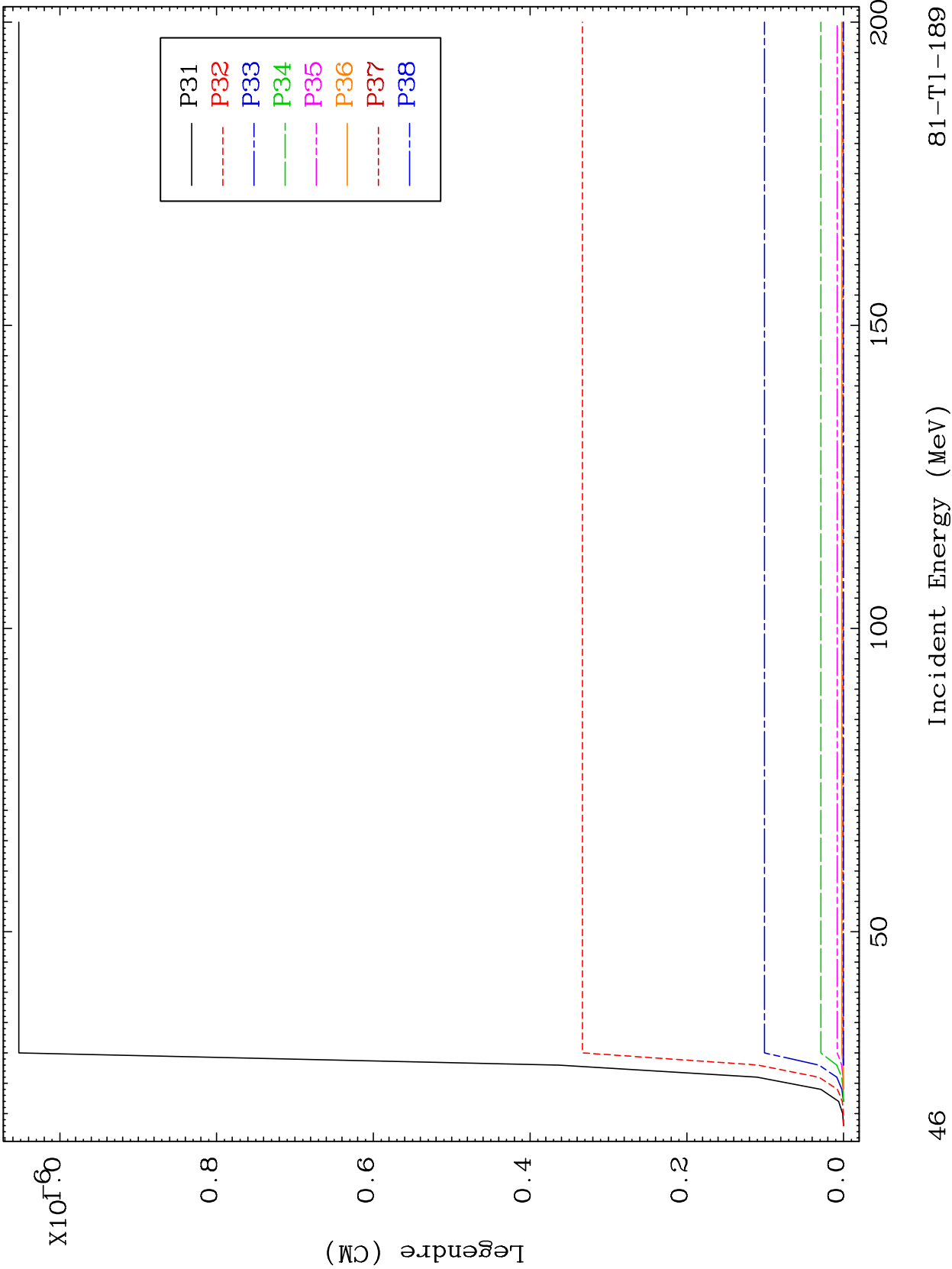
Incident Energy (MeV)

81-Tl-189

MAT 8083

MT= 57 (n,n') Level
Legendre Coefficients

81-Tl-189



46

Incident Energy (MeV)

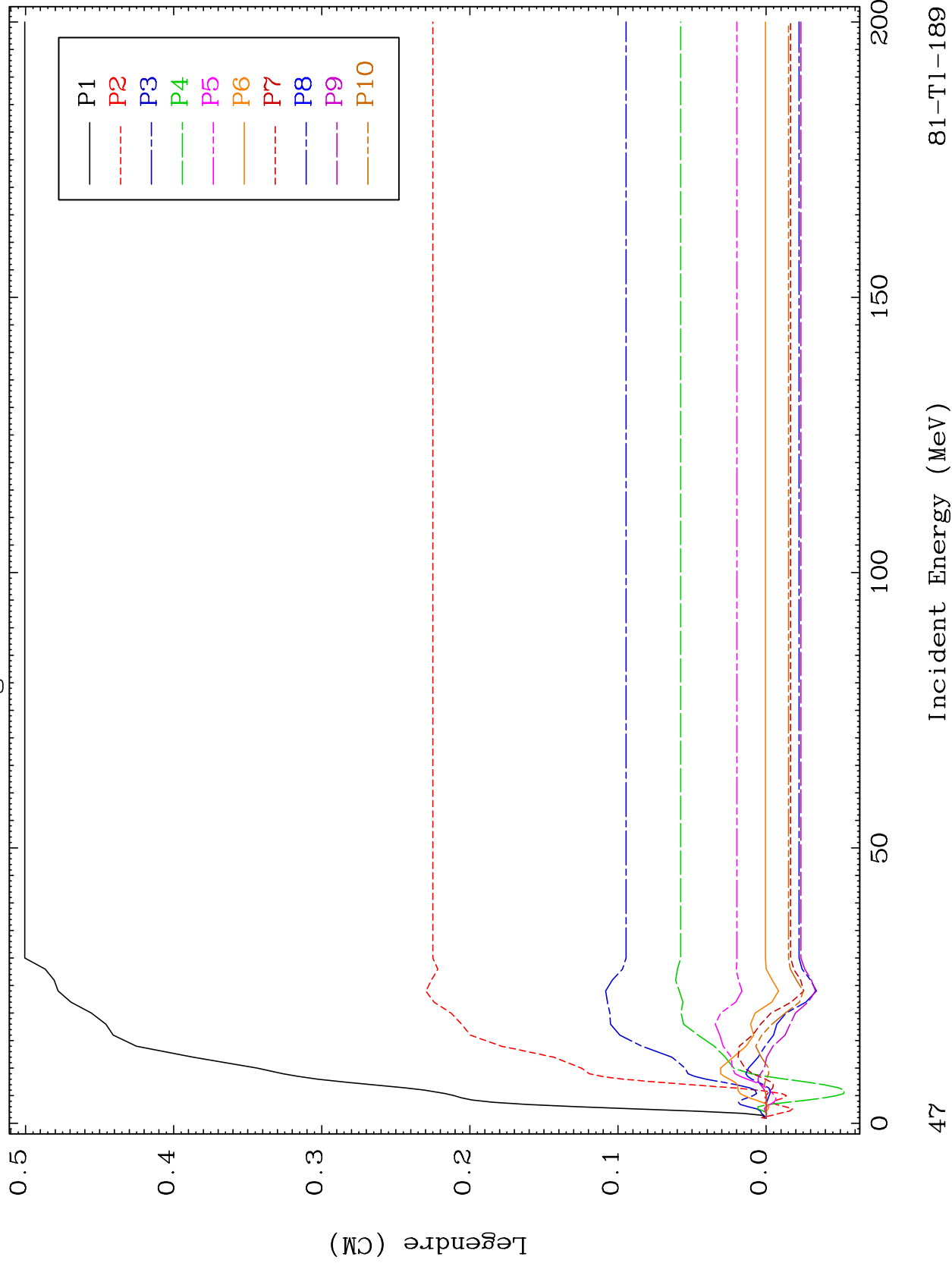
81-Tl-189

MAT 8083

MT= 58 (n,n') Level

81-Tl-189

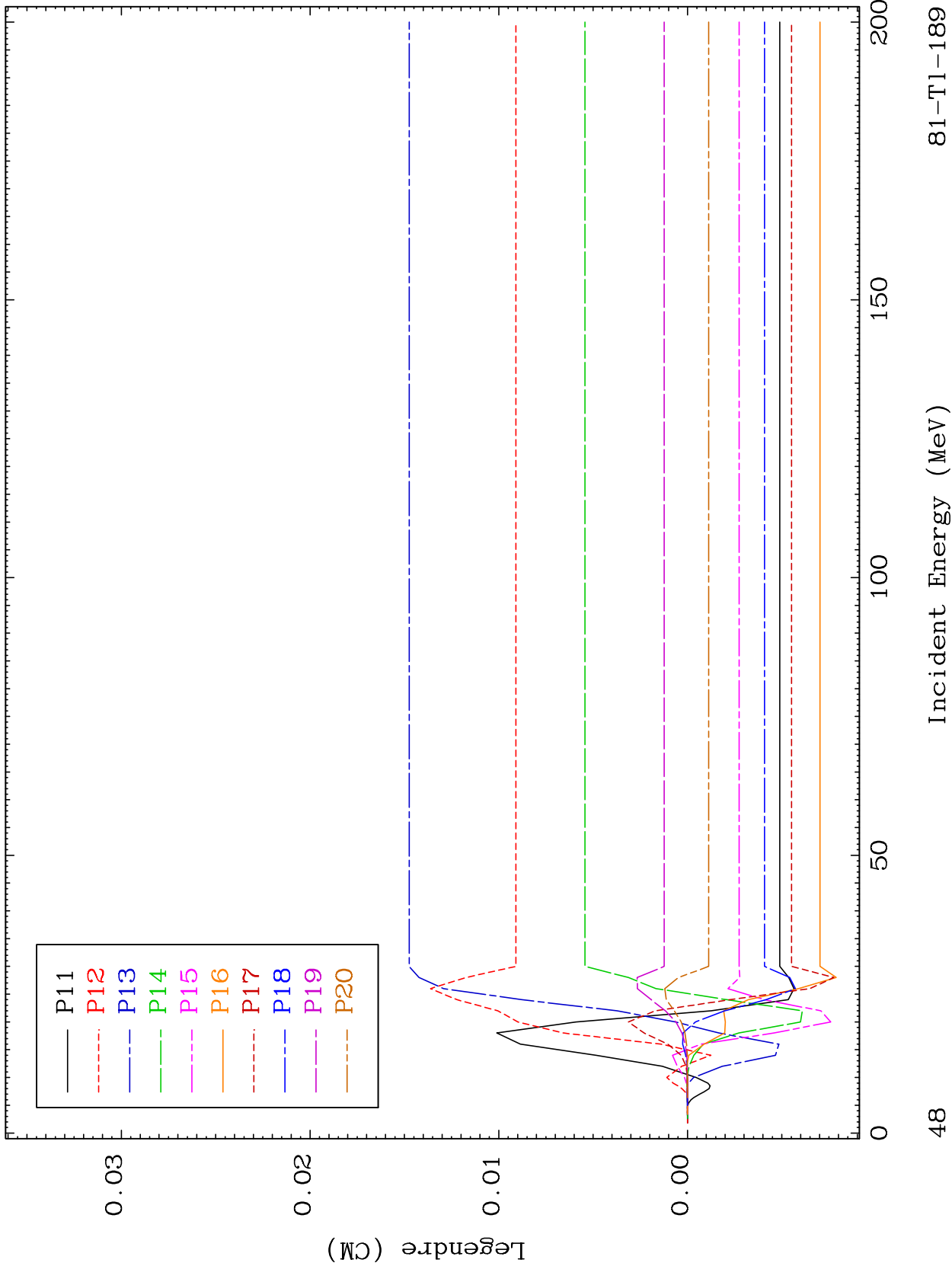
Legendre Coefficients



MAT 8083

MT= 58 (n,n') Level
Legendre Coefficients

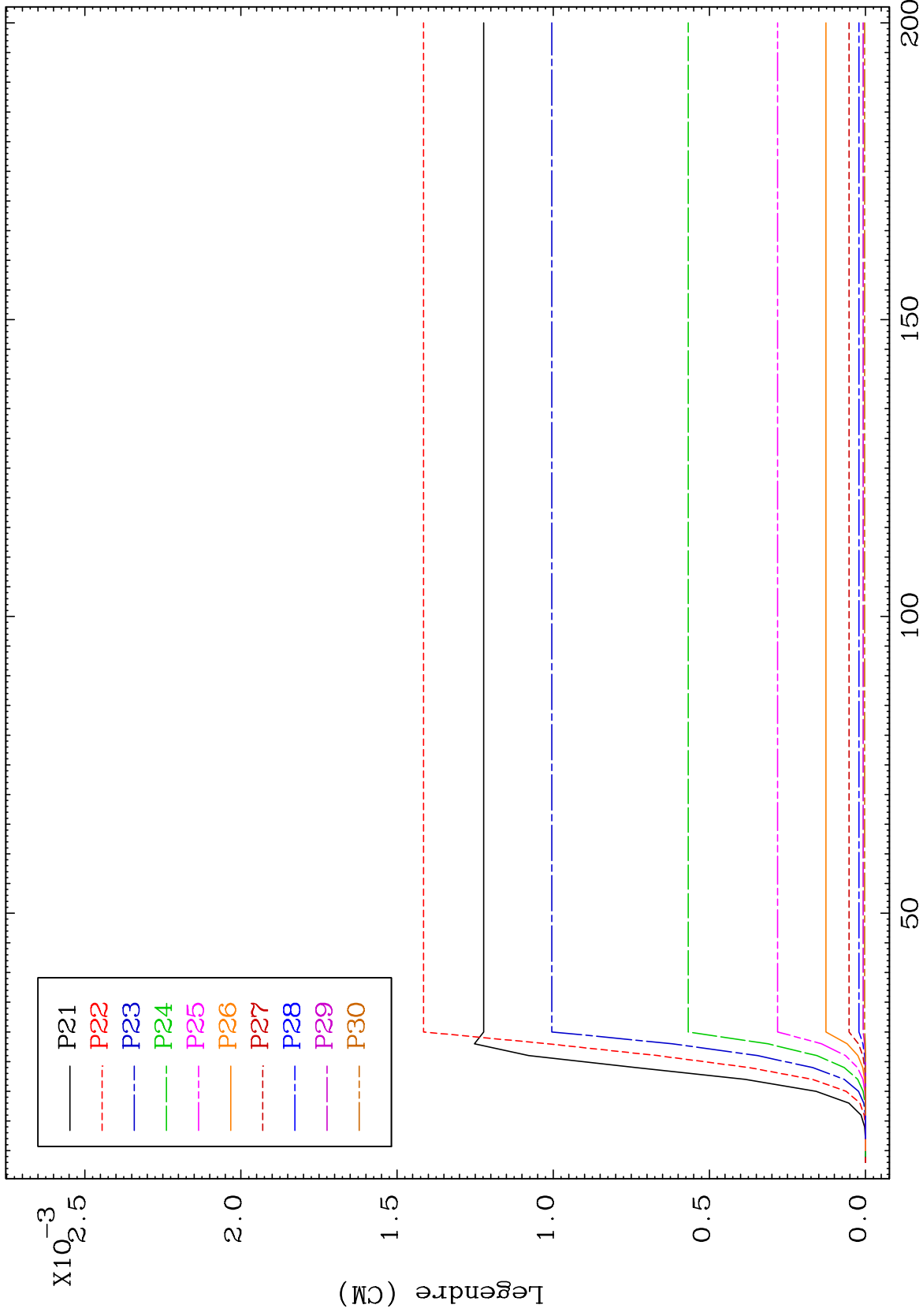
81-Tl-189



81-Tl-189

Incident Energy (MeV)

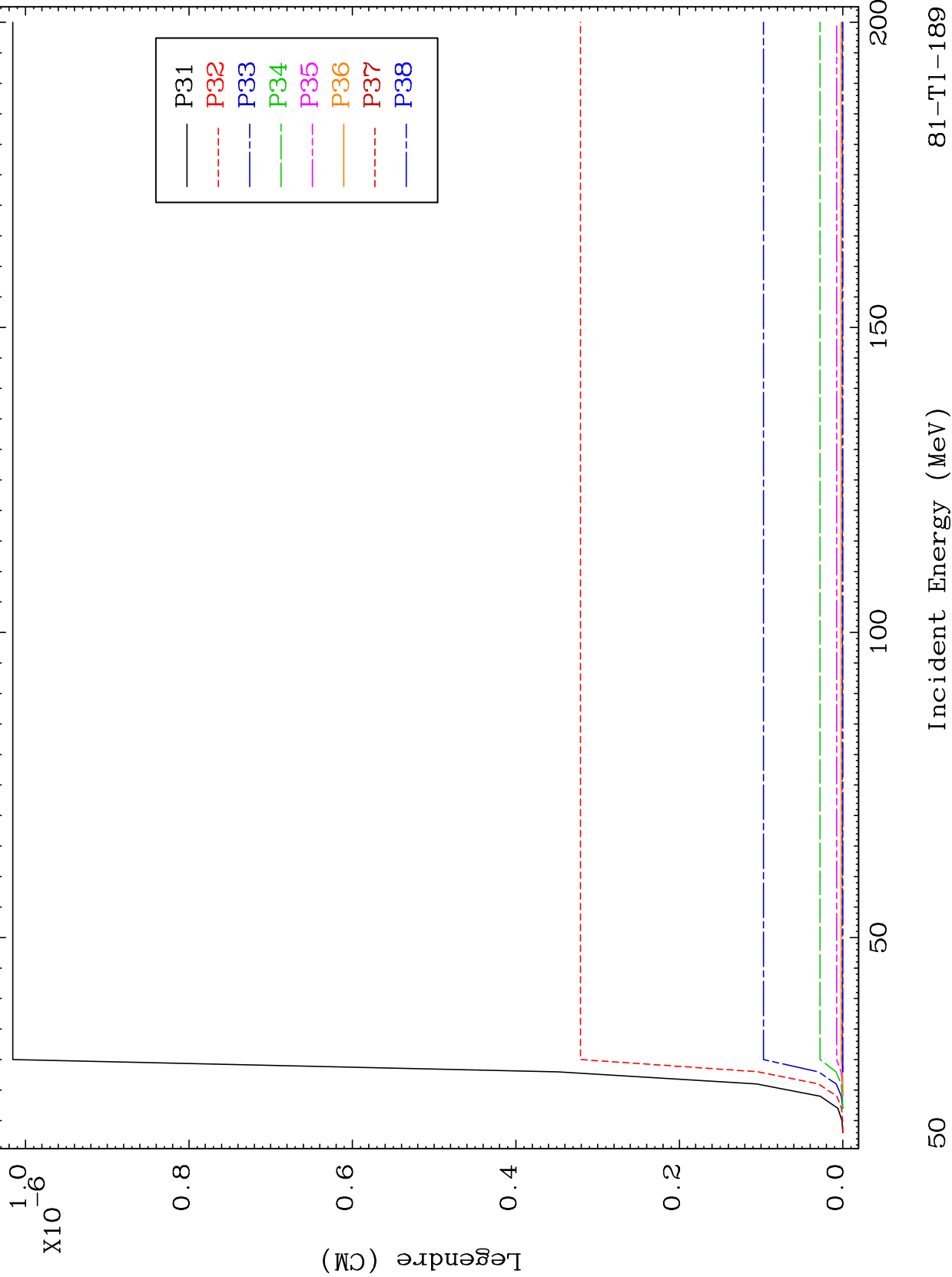
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MAT 8083

MT= 58 (n,n') Level
Legendre Coefficients

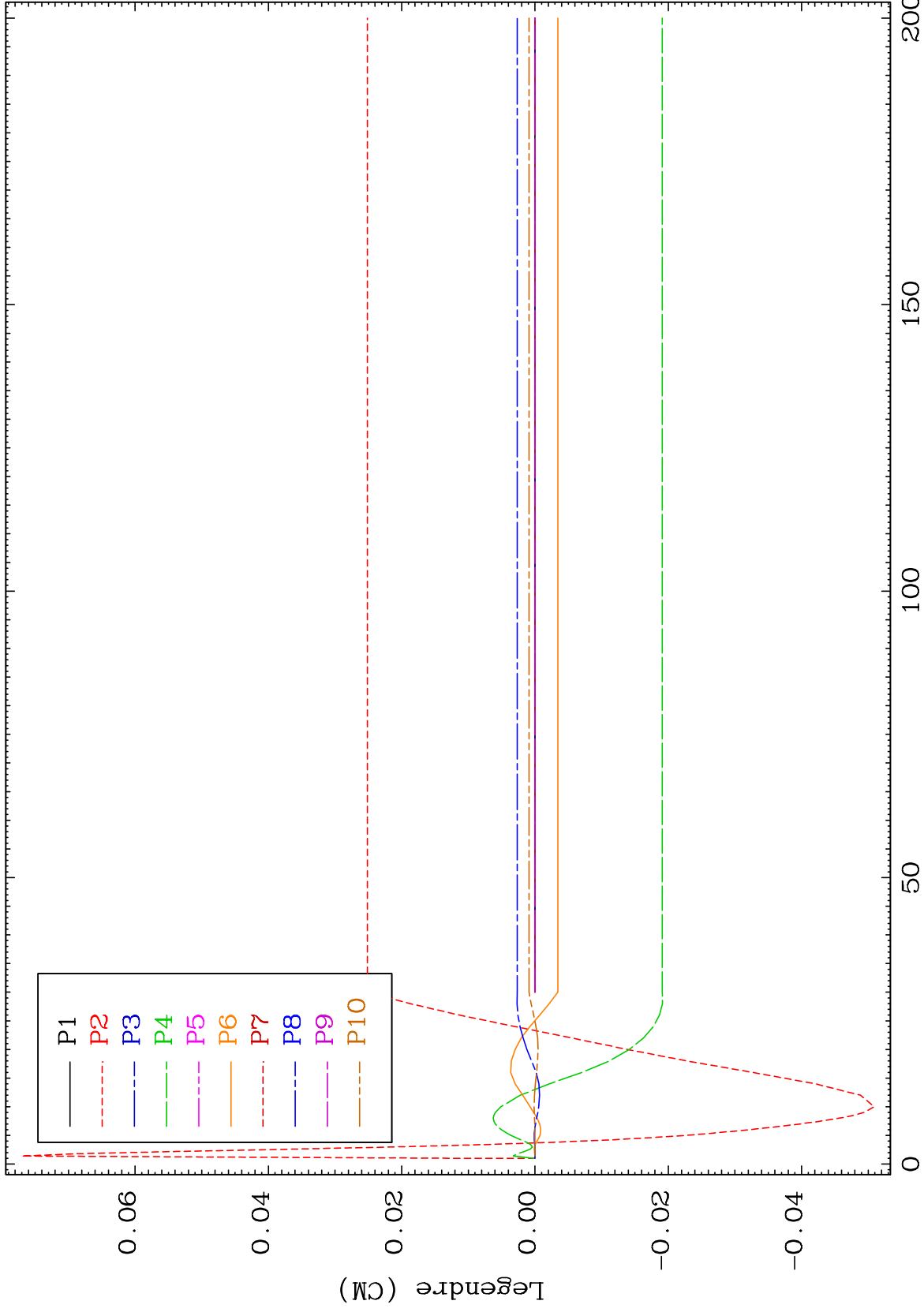
81-Tl-189



81-Tl-189

Incident Energy (MeV)

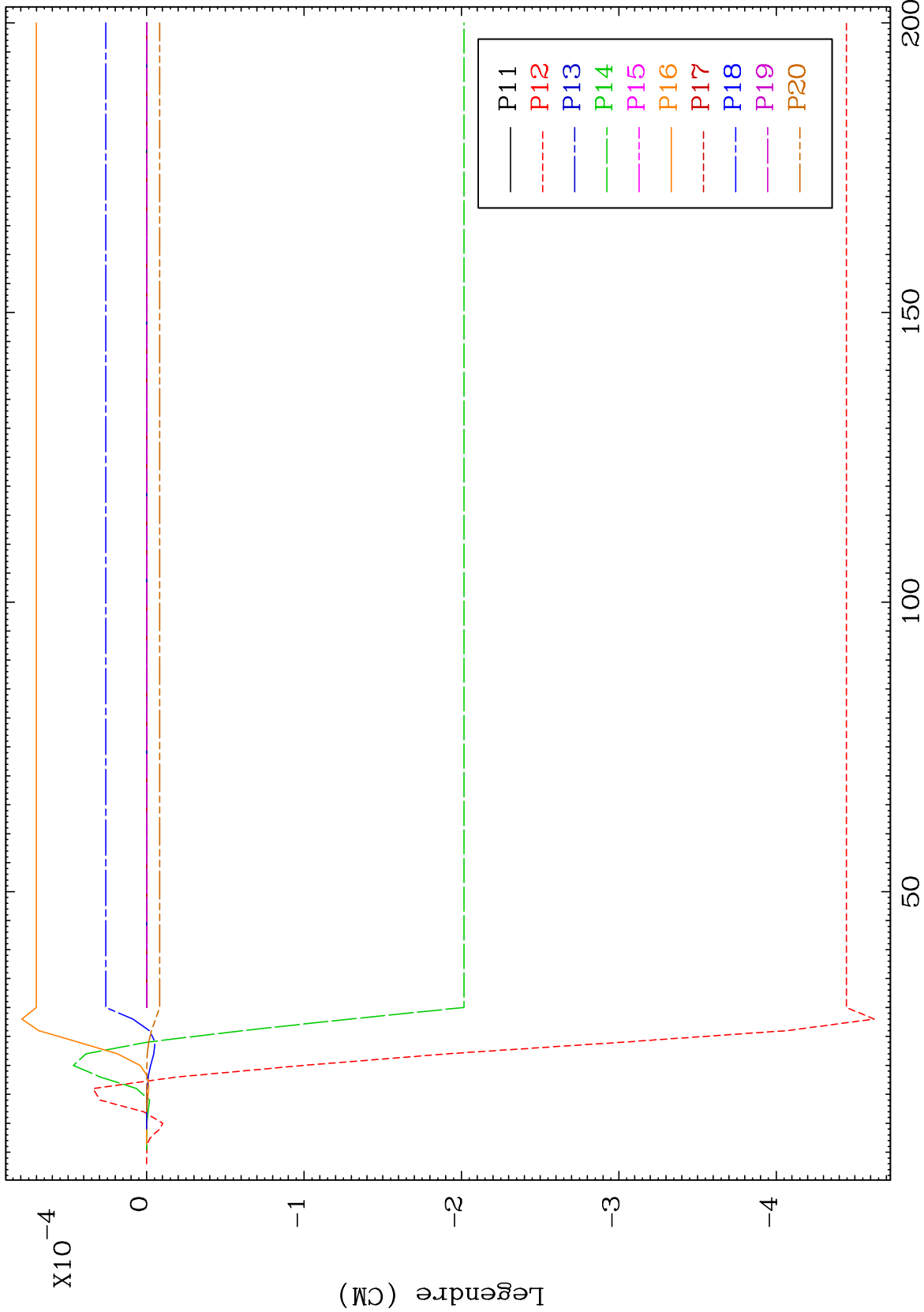
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MAT 8083

MT= 59 (n,n') Level
Legendre Coefficients

81-Tl-189



52

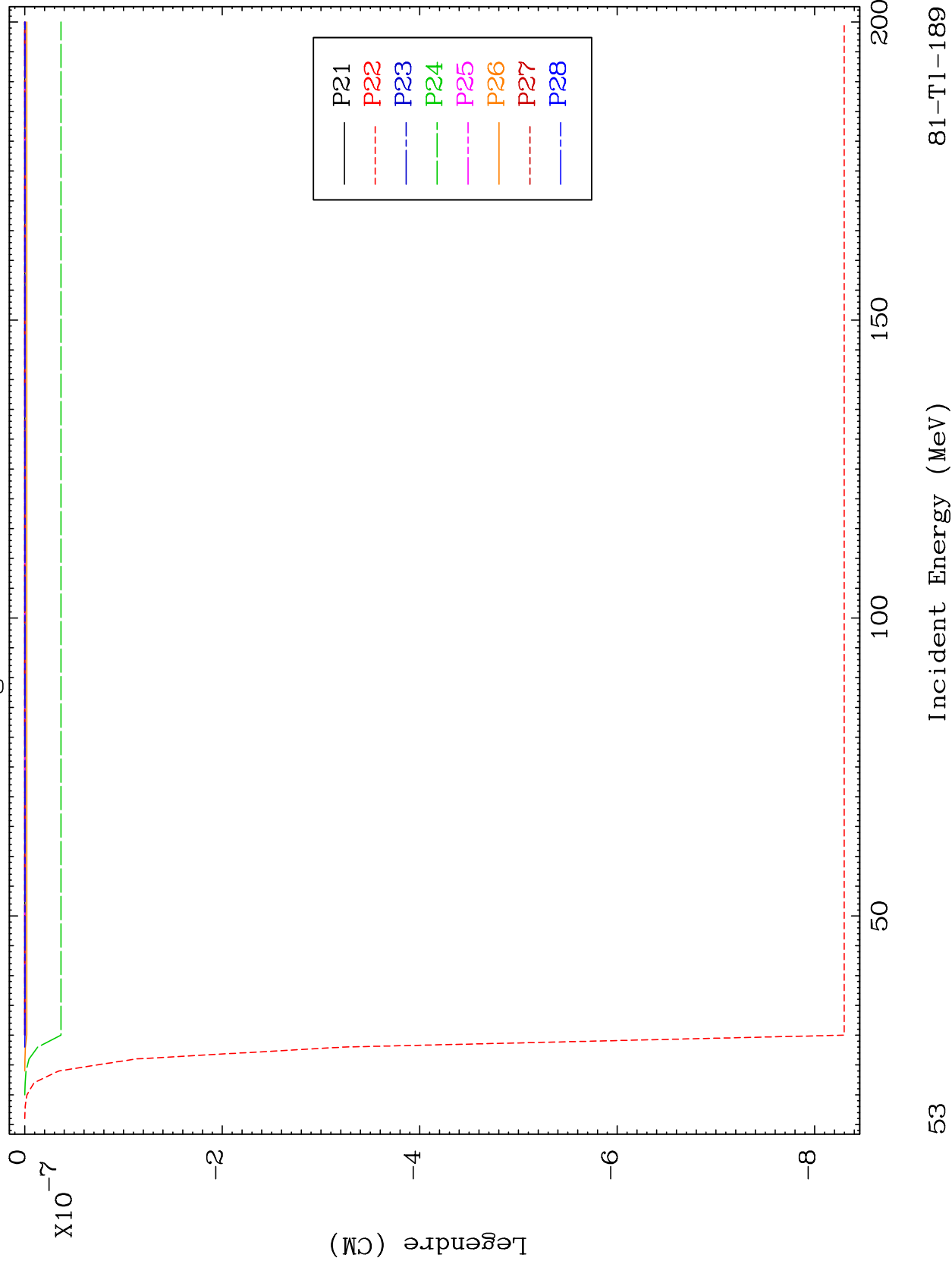
Incident Energy (MeV)

81-Tl-189

MAT 8083

MT= 59 (n,n') Level
Legendre Coefficients

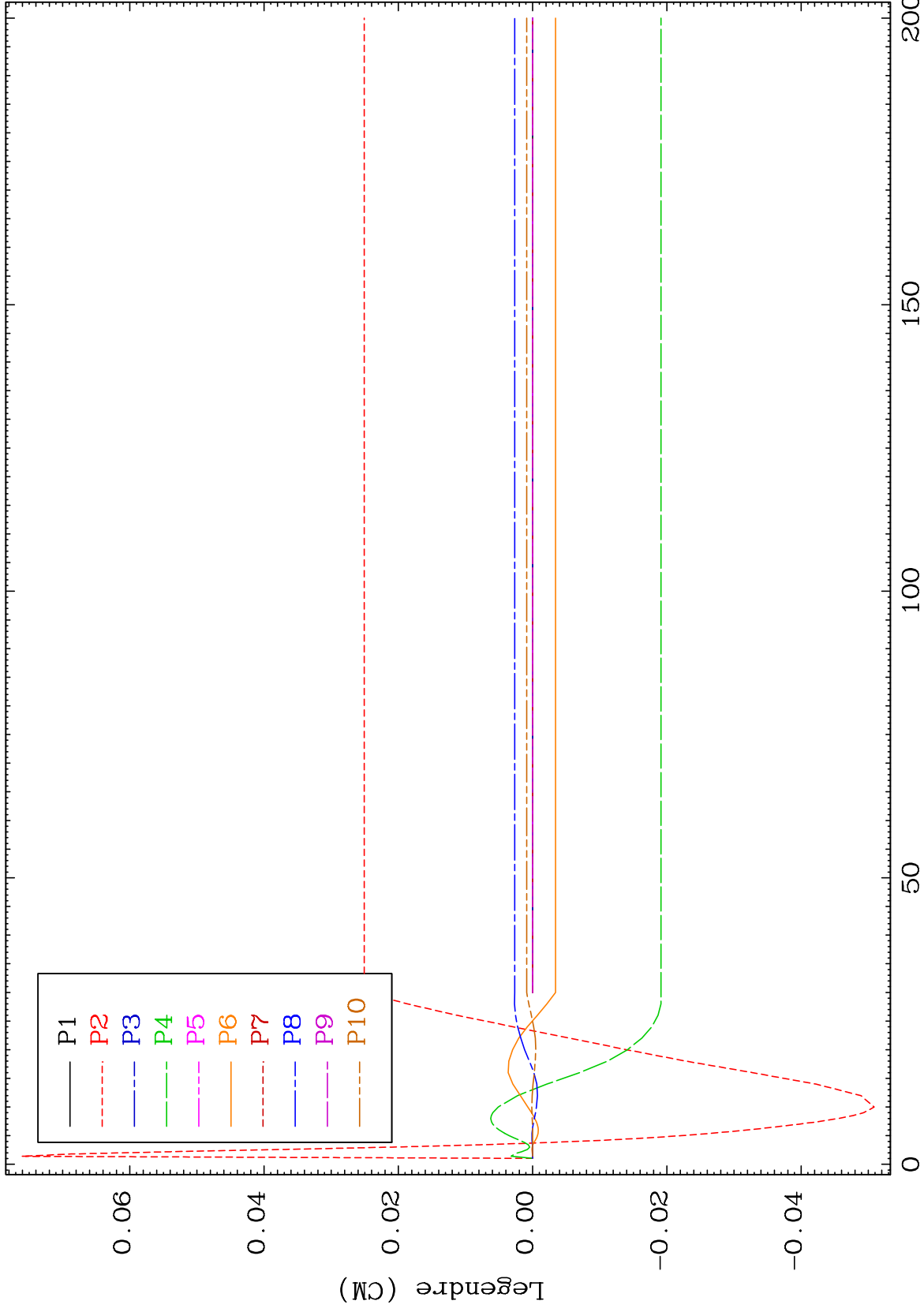
81-Tl-189



53

Incident Energy (MeV)

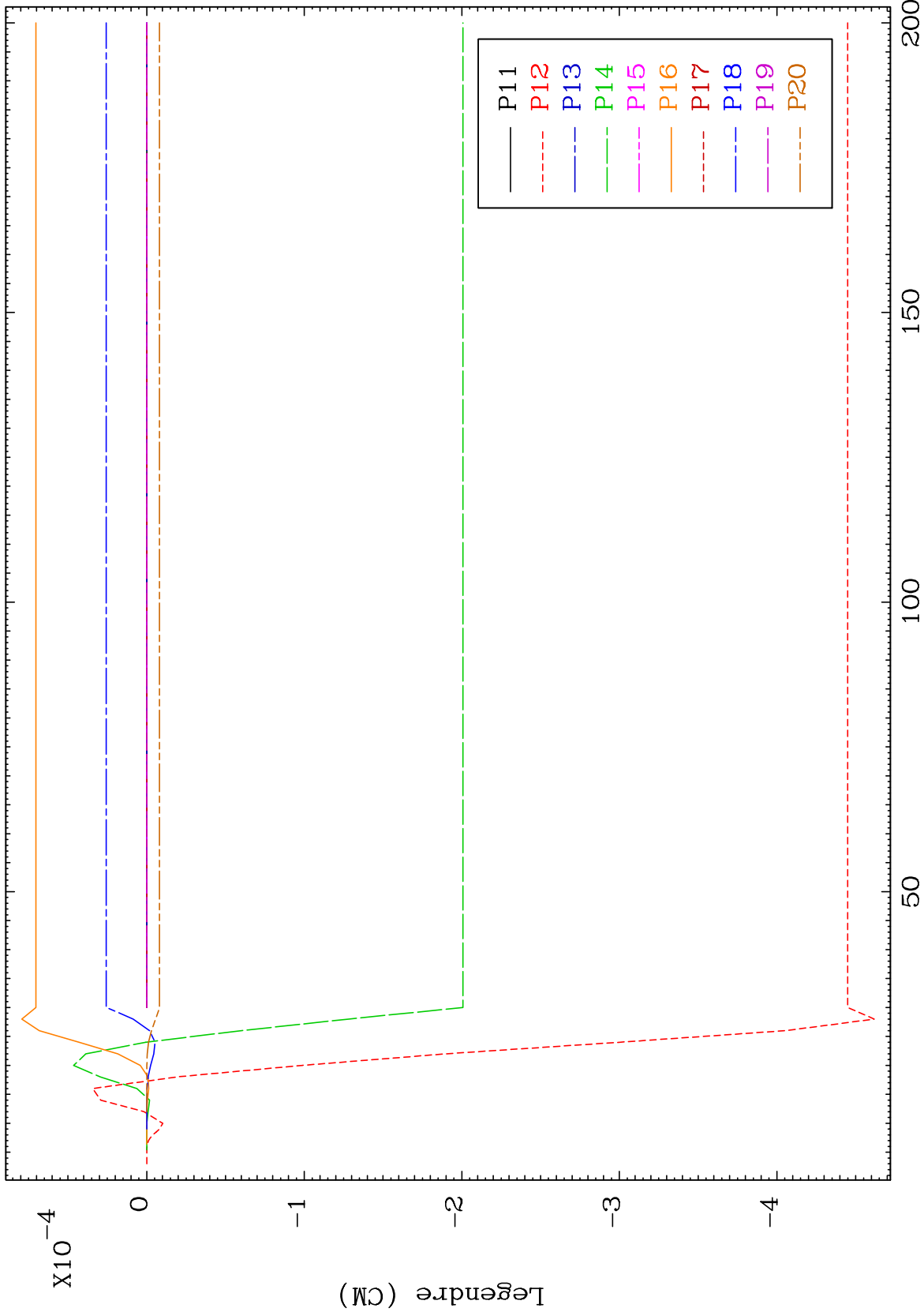
81-Tl-189



MAT 8083

MT= 60 (n,n') Level
Legendre Coefficients

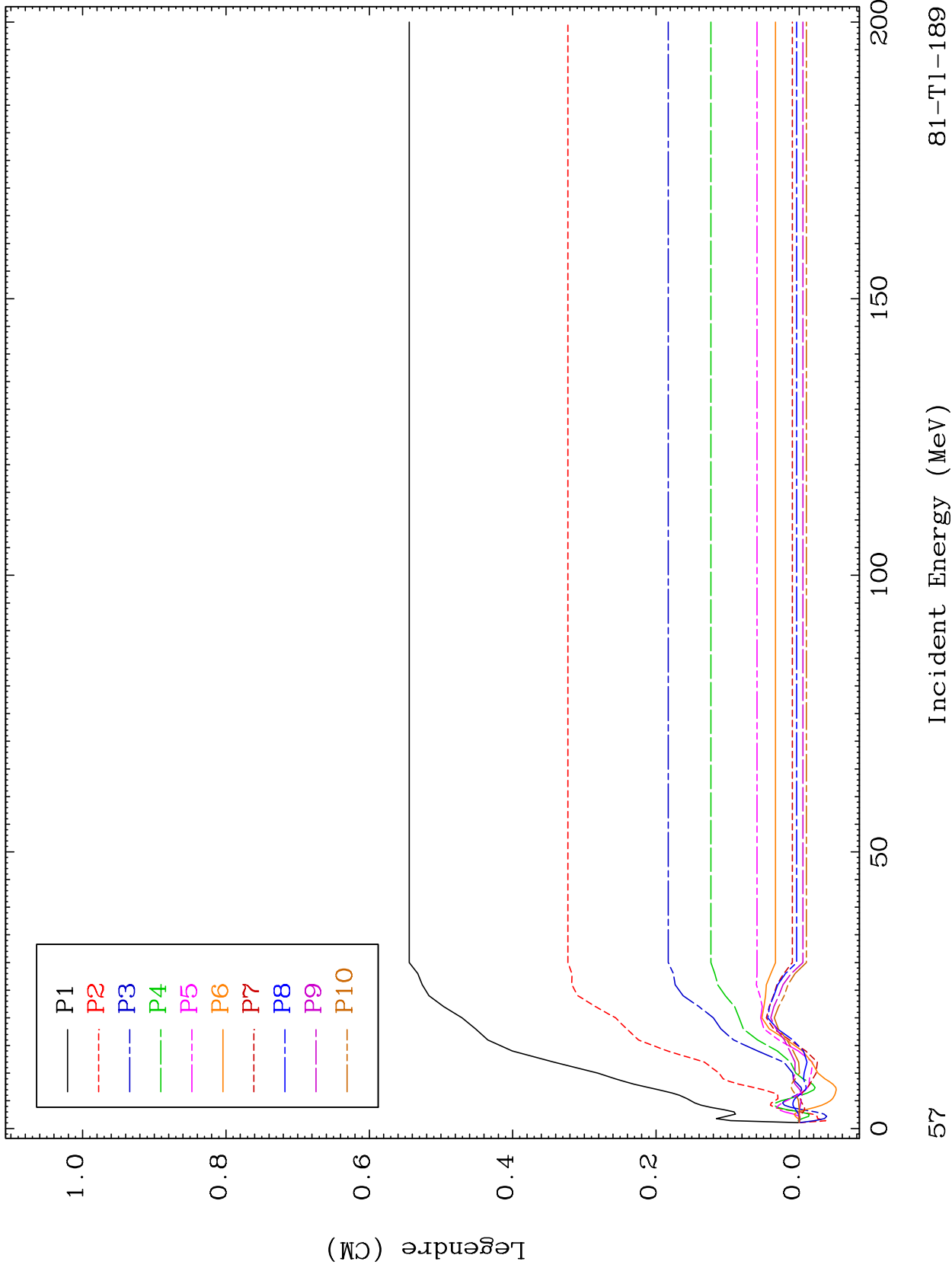
81-Tl-189



55

Incident Energy (MeV)

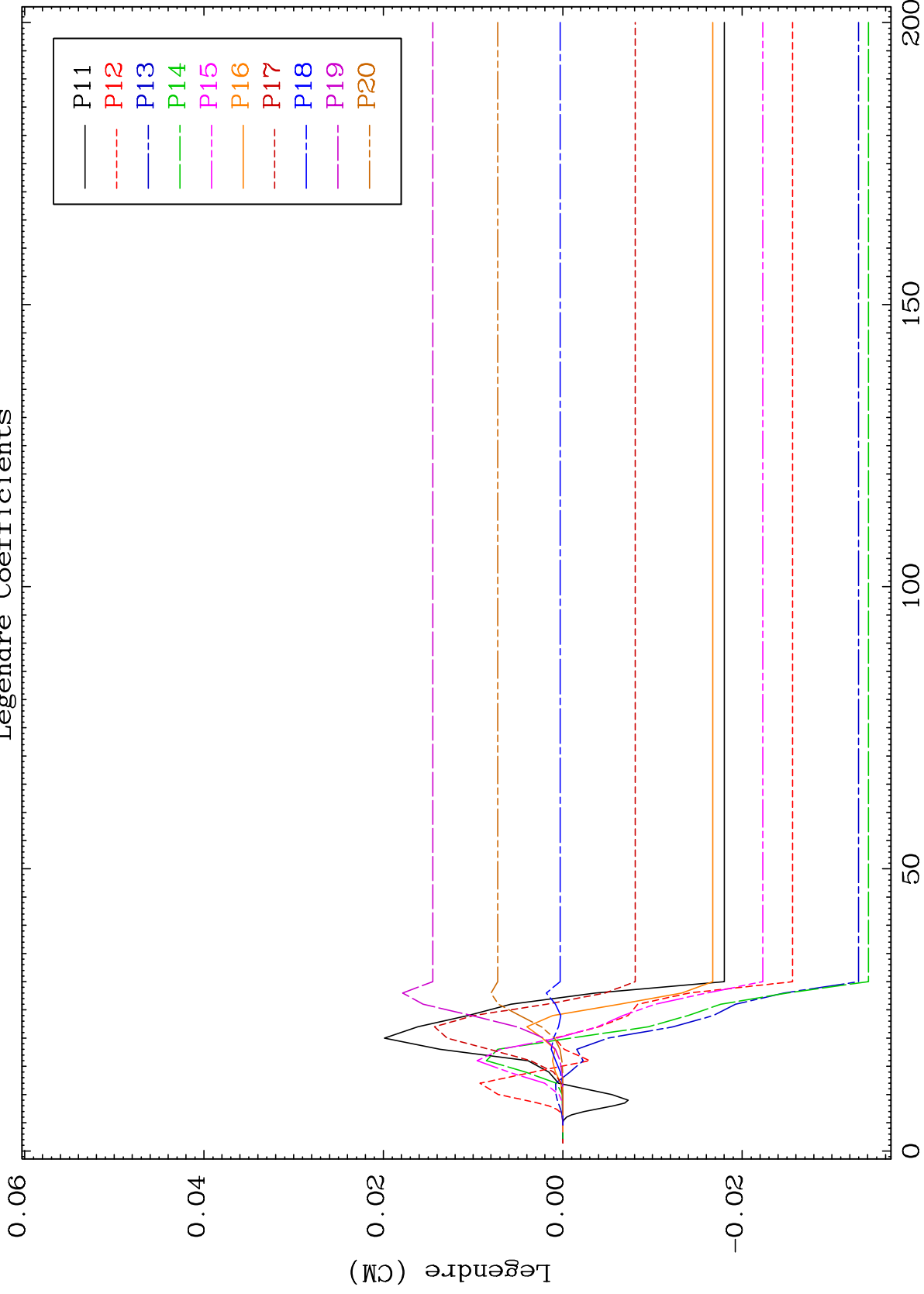
81-Tl-189



MAT 8083

MT= 61 (n,n') Level
Legendre Coefficients

81-Tl-189



58

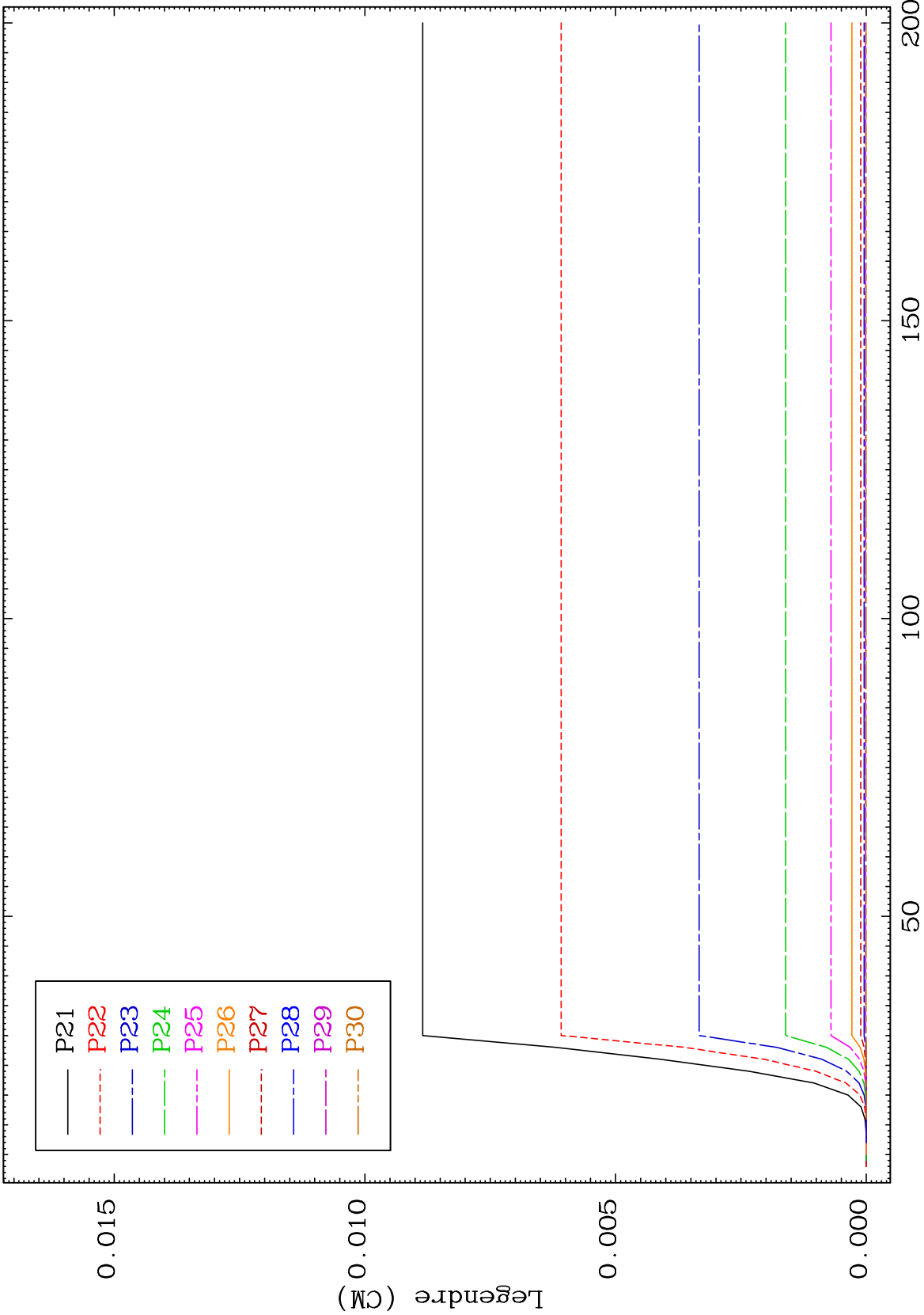
Incident Energy (MeV)

81-Tl-189

MAT 8083

MT= 61 (n,n') Level
Legendre Coefficients

81-Tl-189



59

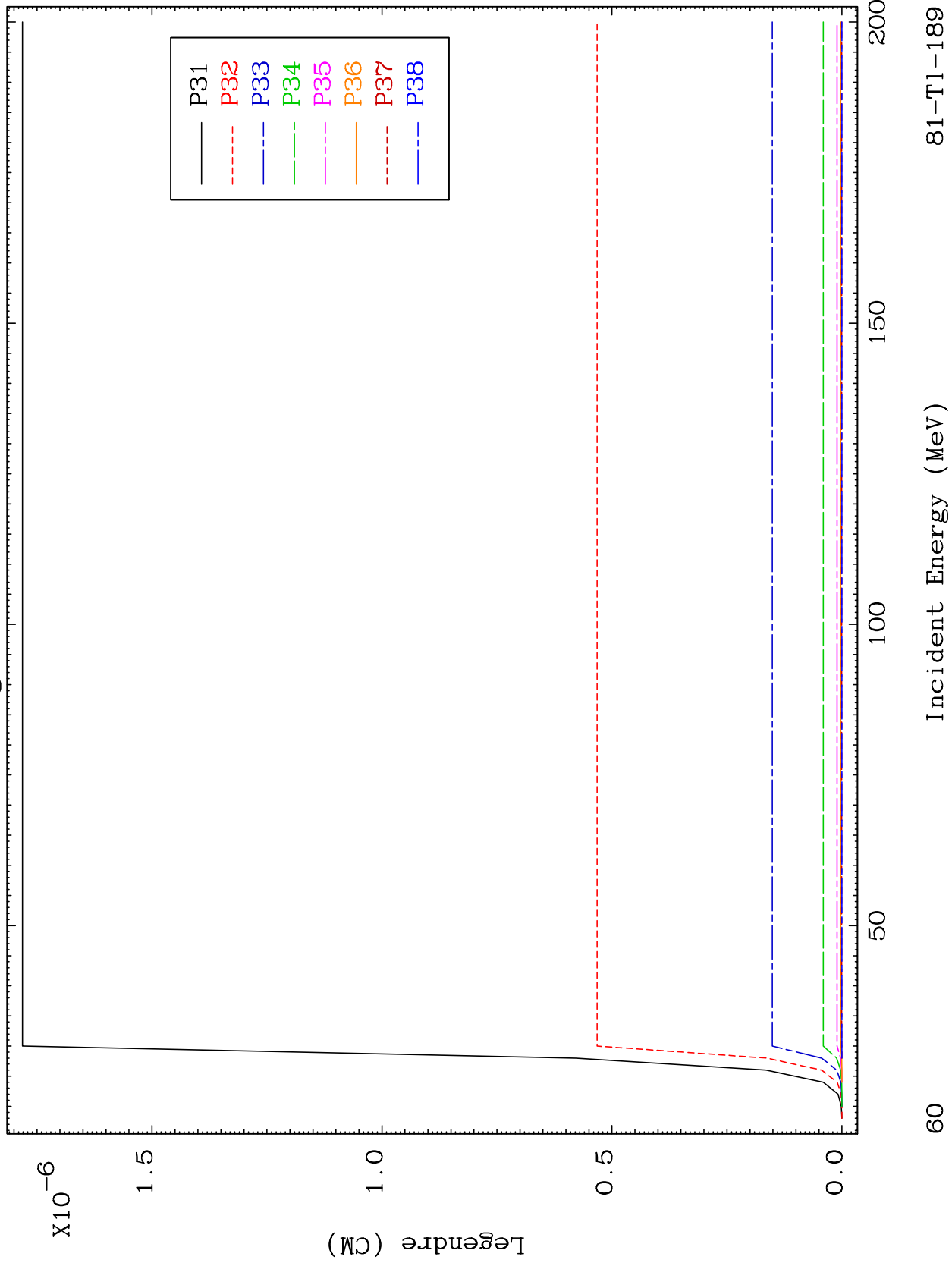
Incident Energy (MeV)

81-Tl-189

MAT 8083

MT= 61 (n,n') Level
Legendre Coefficients

81-Tl-189

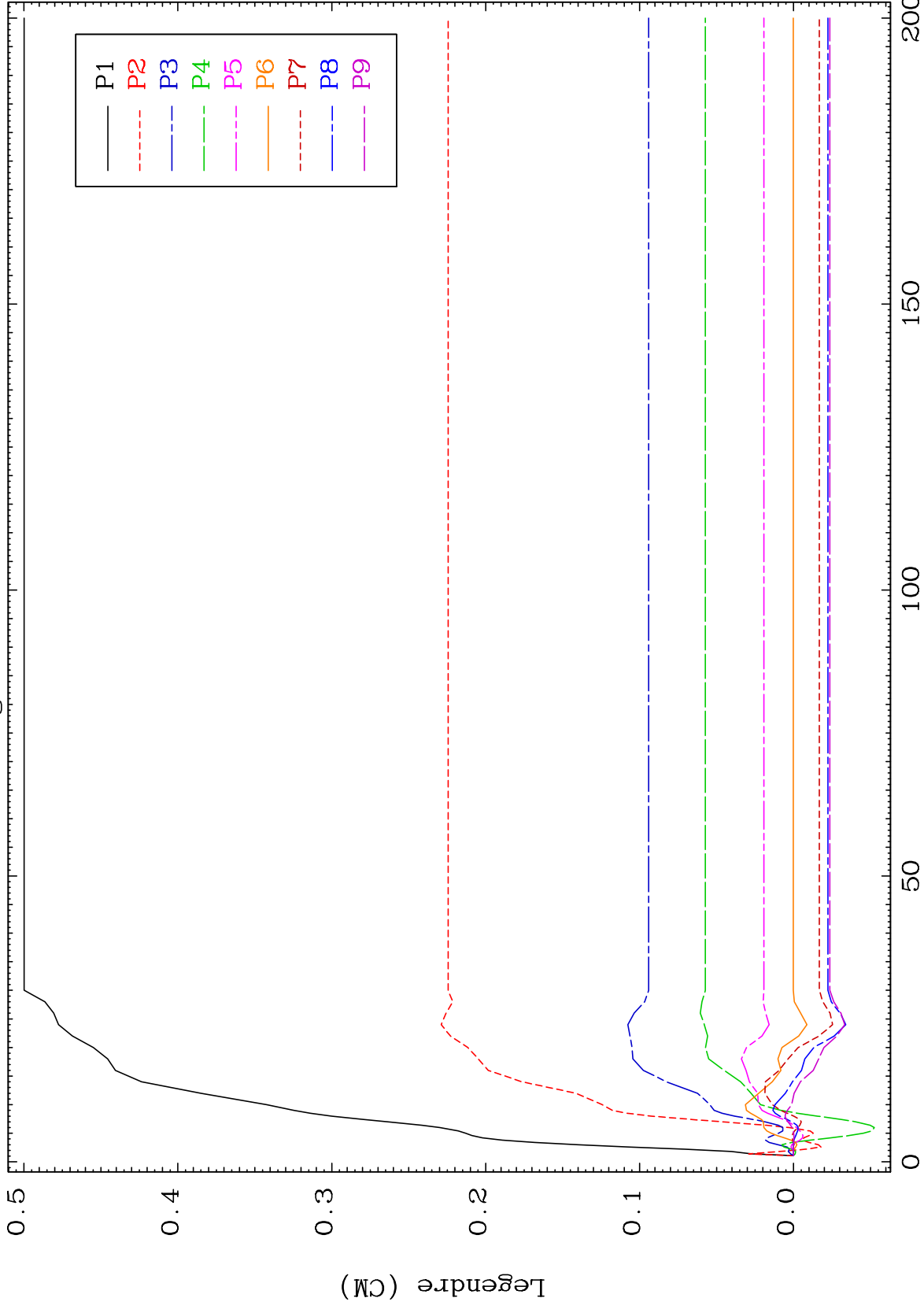


MAT 8083

MT= 62 (n,n') Level

81-Tl-189

Legendre Coefficients



61

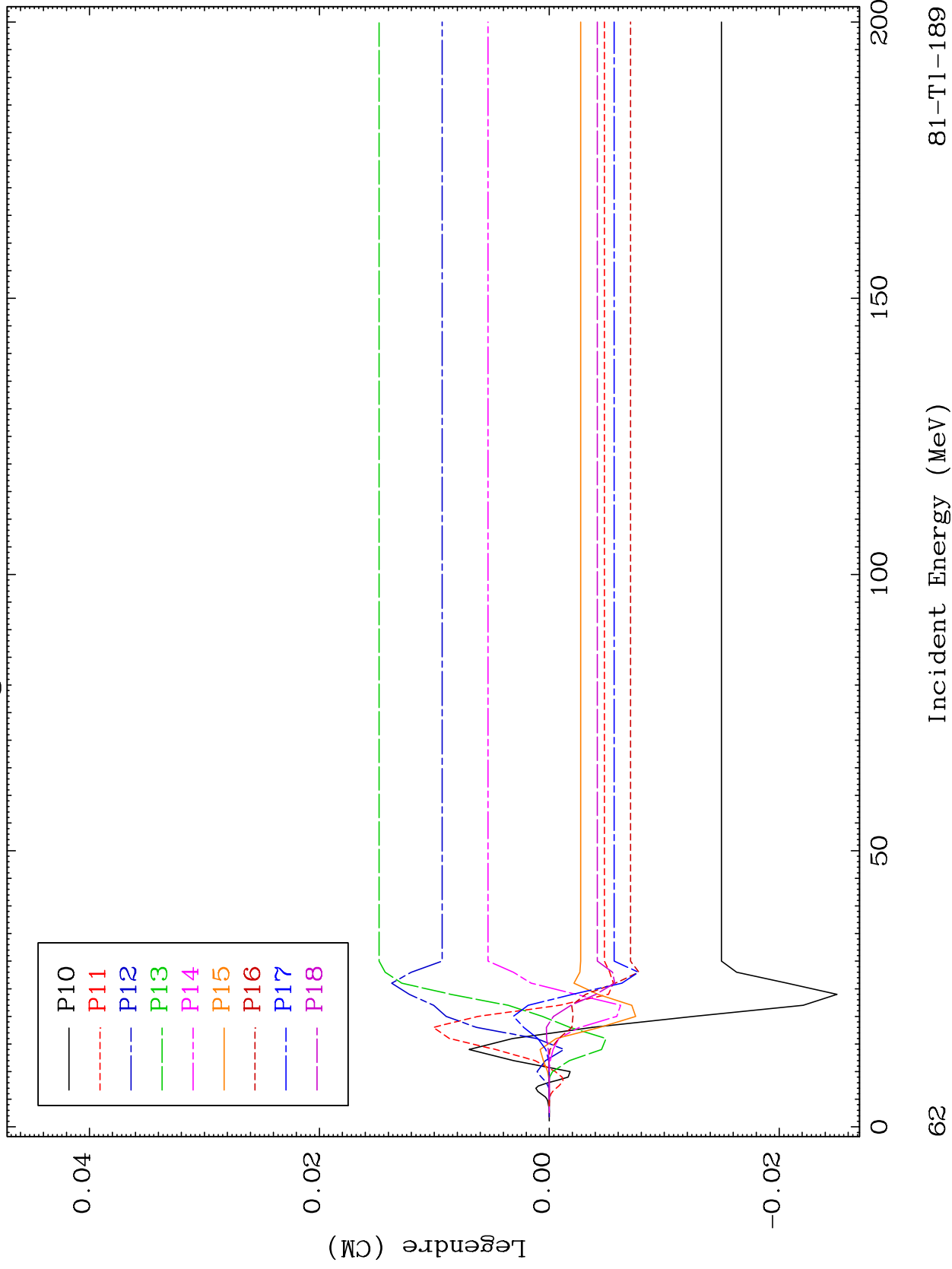
Incident Energy (MeV)

81-Tl-189

MAT 8083

MT= 62 (n,n') Level
Legendre Coefficients

81-Tl-189



81-Tl-189

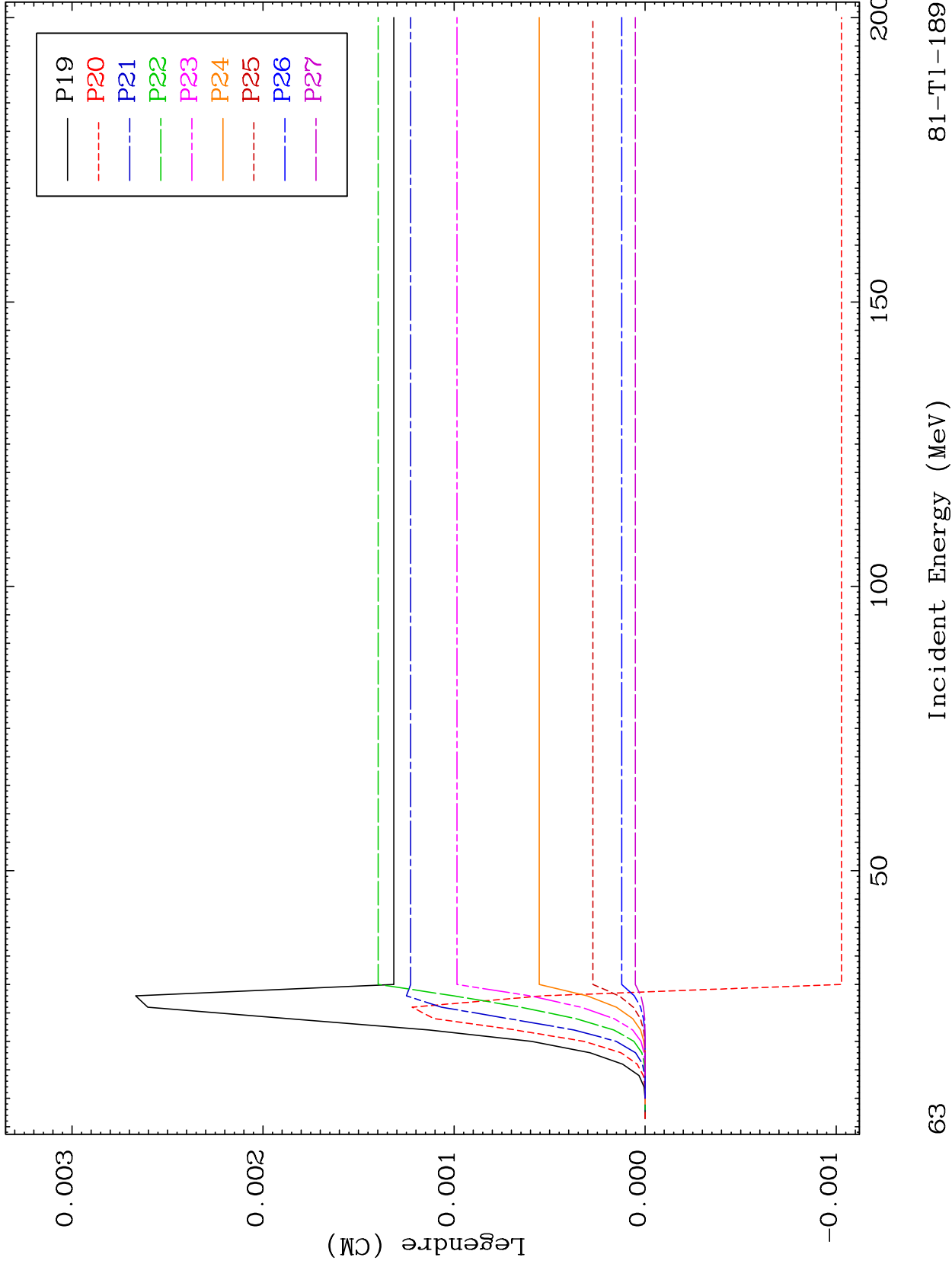
Incident Energy (MeV)

62

MAT 8083

MT= 62 (n,n') Level
Legendre Coefficients

81-Tl-189



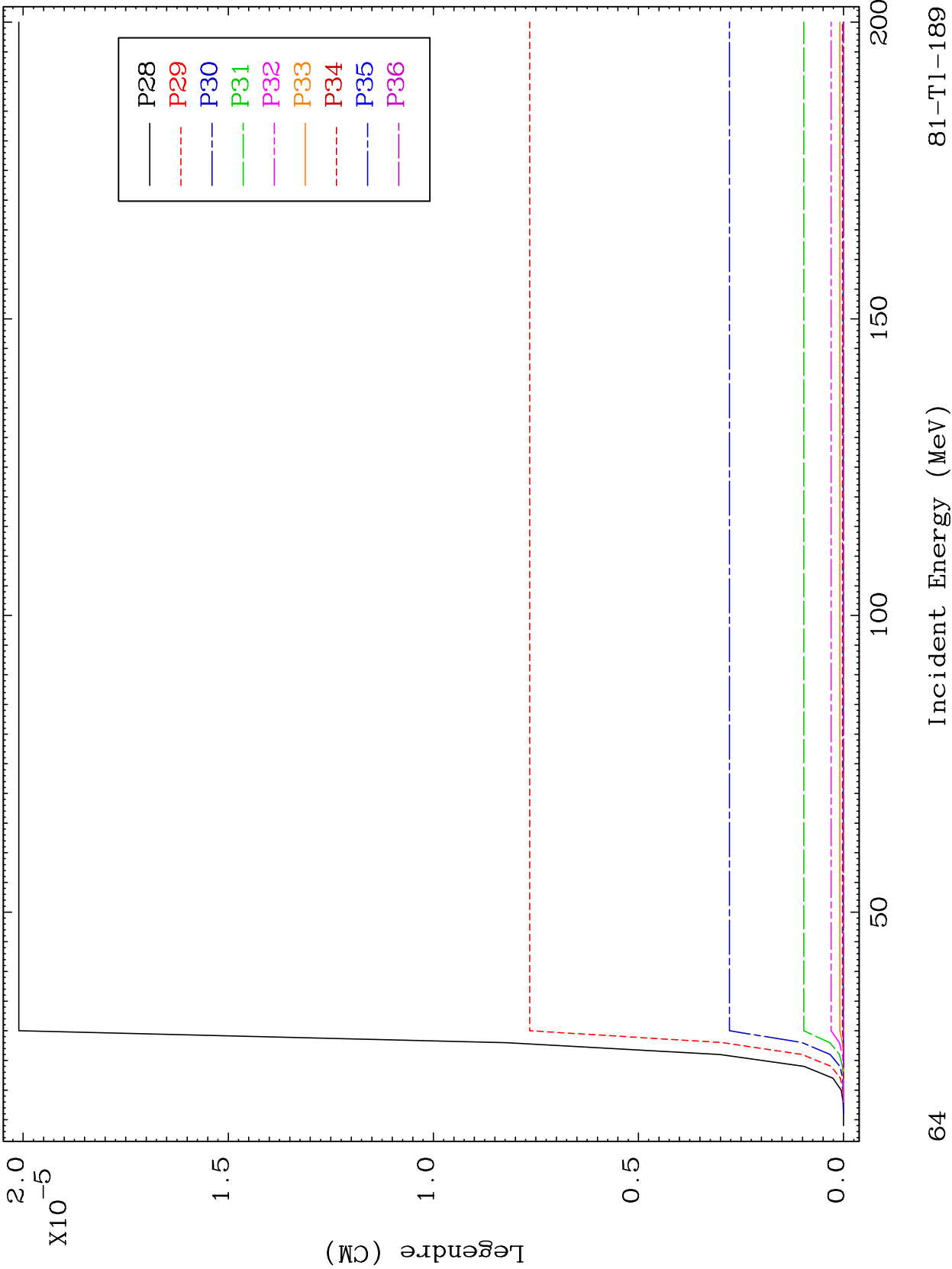
63

81-Tl-189

MAT 8083

MT= 62 (n,n') Level
Legendre Coefficients

81-Tl-189

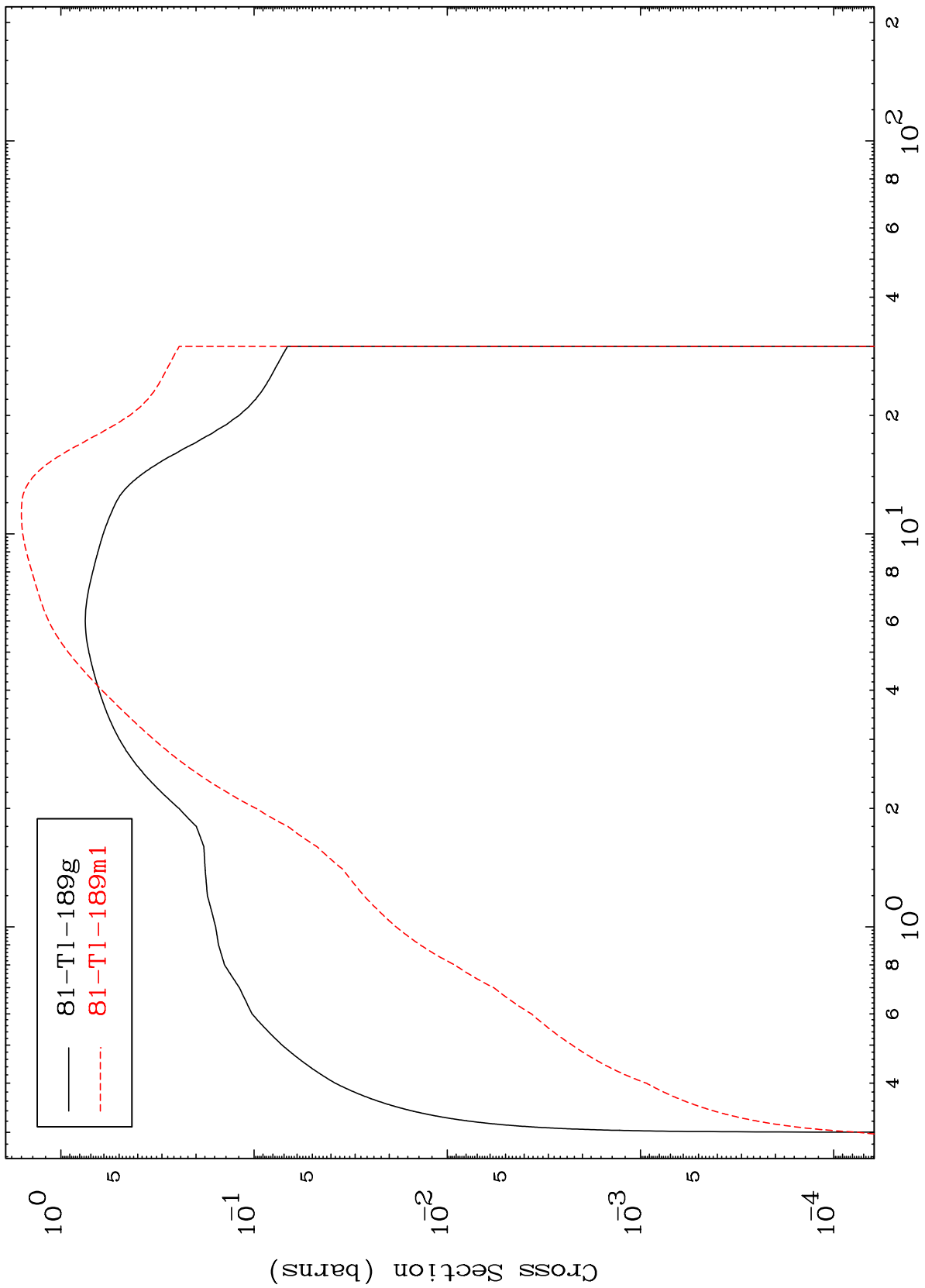


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MAT 8083

81-Tl-189

Inelastic
Radionuclide Production Cross Section



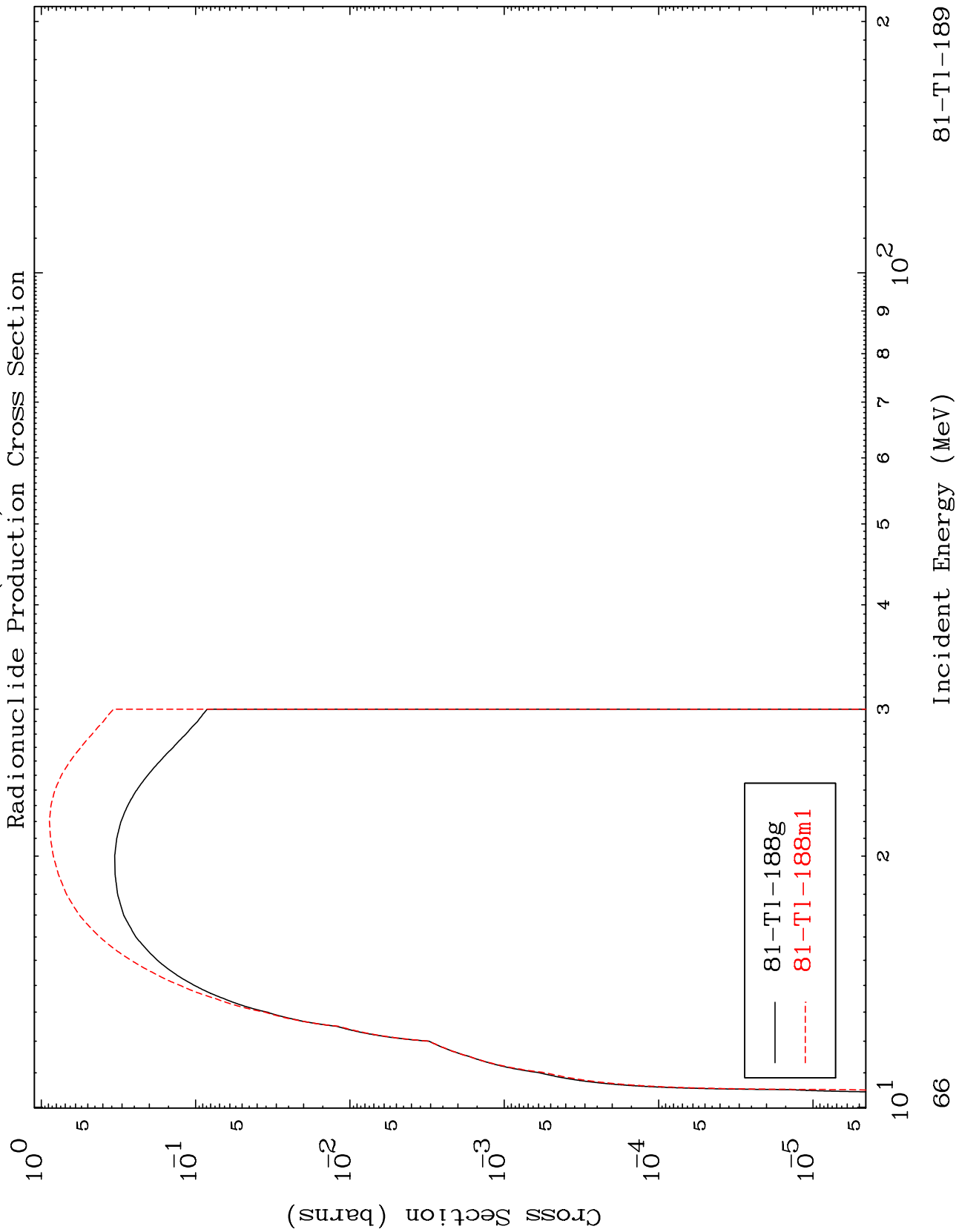
65

81-Tl-189

Incident Energy (MeV)

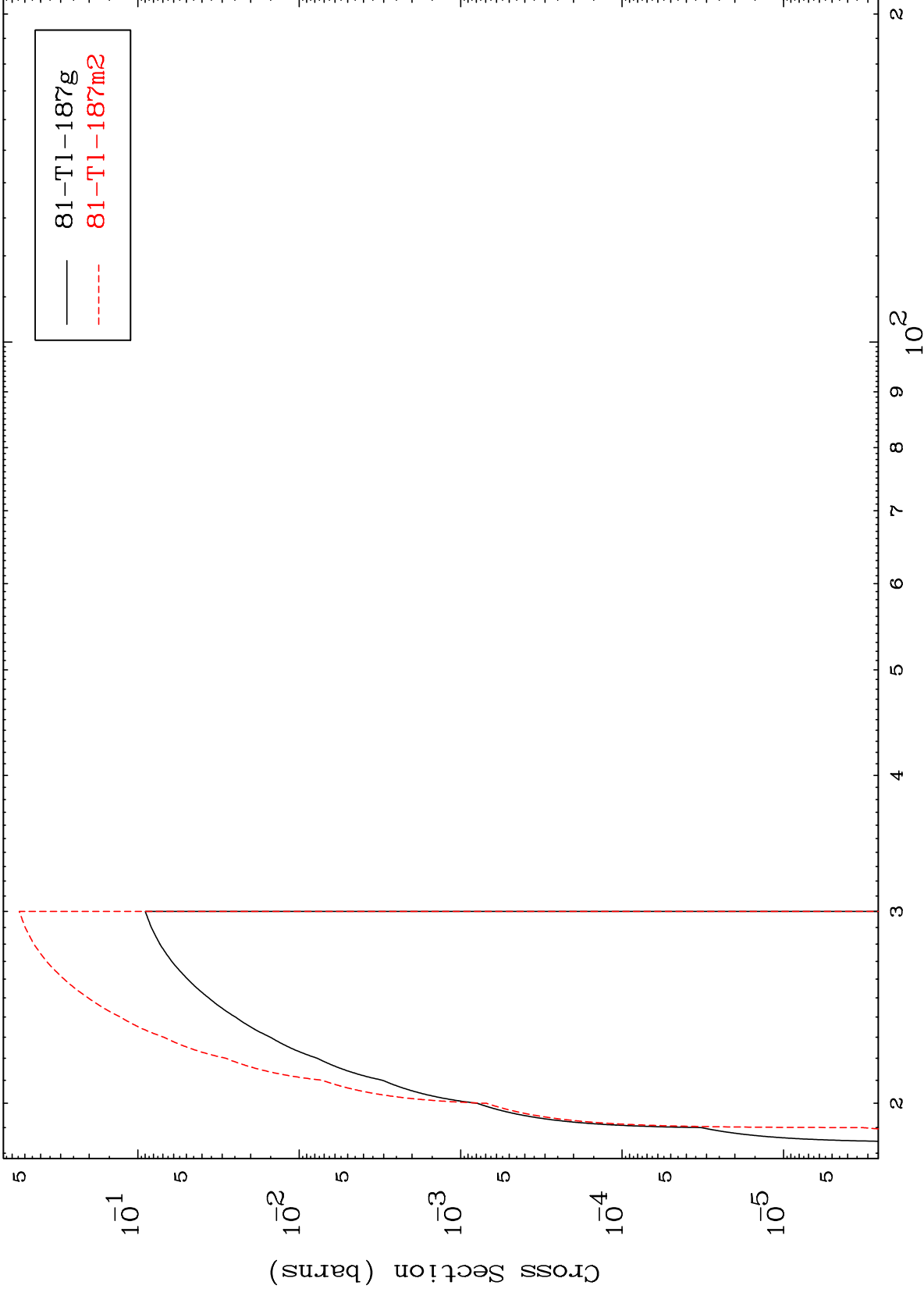
MAT 8083

81-Tl-189



66

Radionuclide Production Cross Section

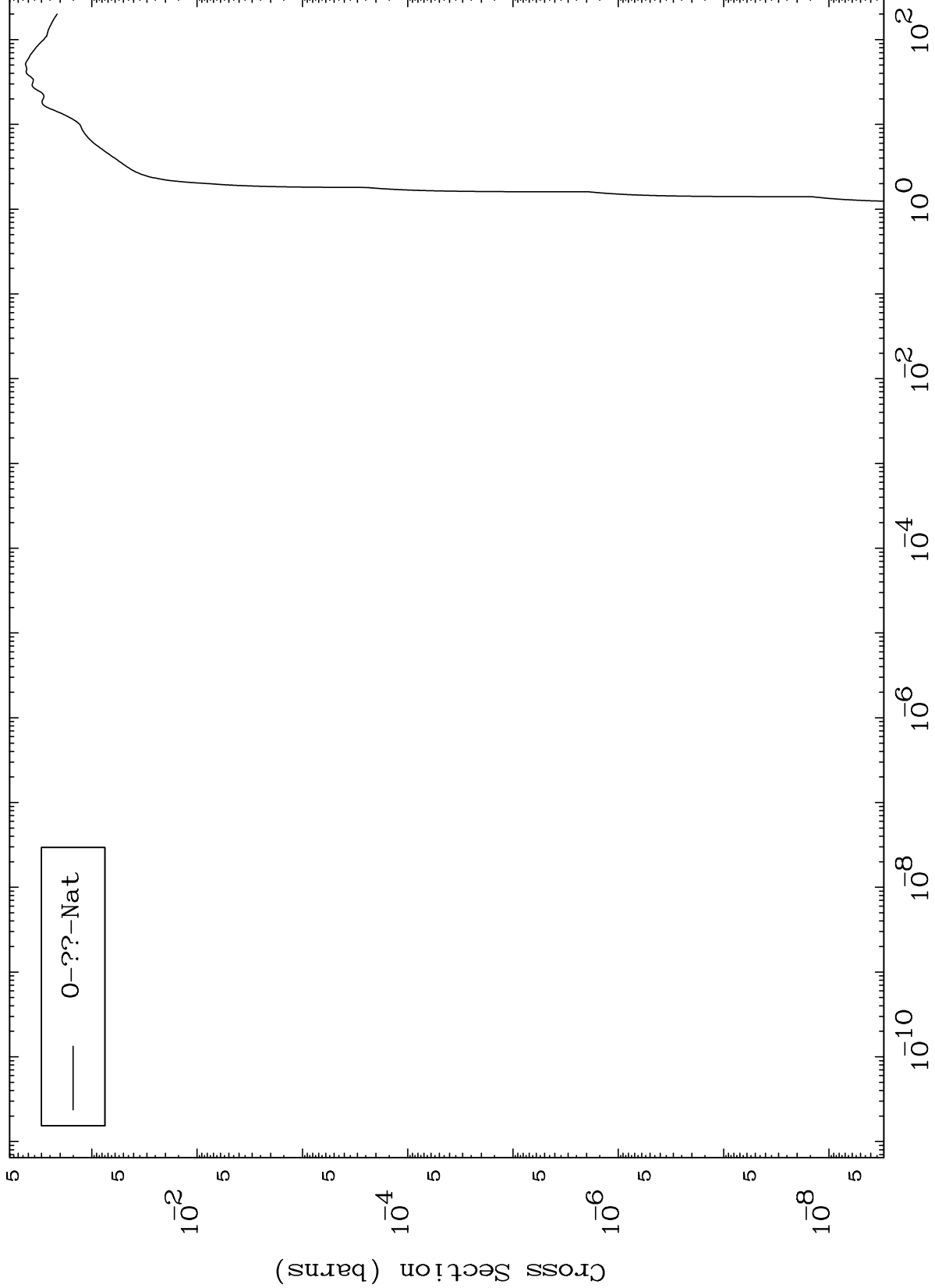


81-Tl-187g
81-Tl-187m2

MAT 8083

Fission
Radionuclide Production Cross Section

81-Tl-189



68

Incident Energy (MeV)

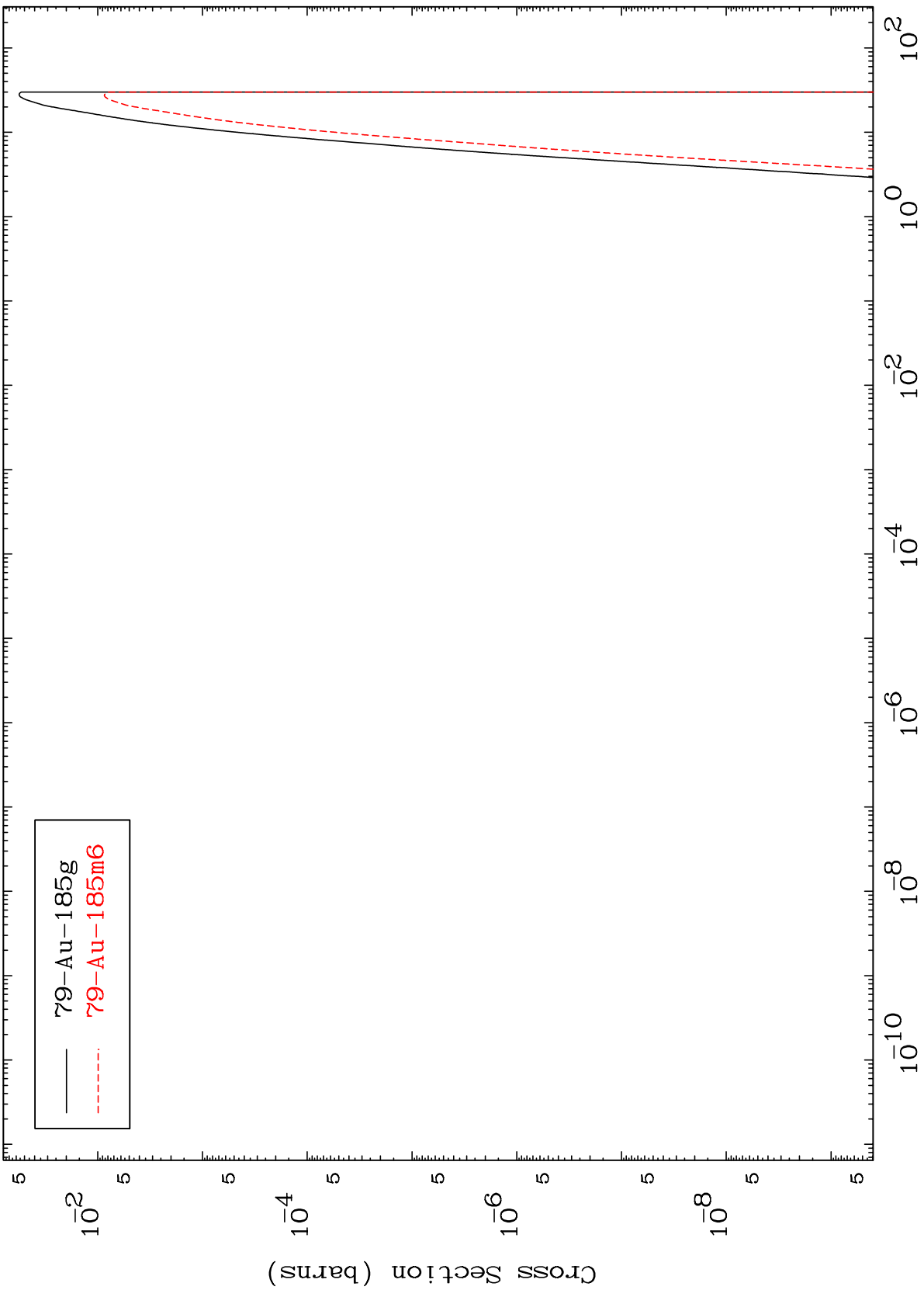
81-Tl-189

MAT 8083

(n, n') α

81-Tl-189

Radionuclide Production Cross Section



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

69

Incident Energy (MeV)

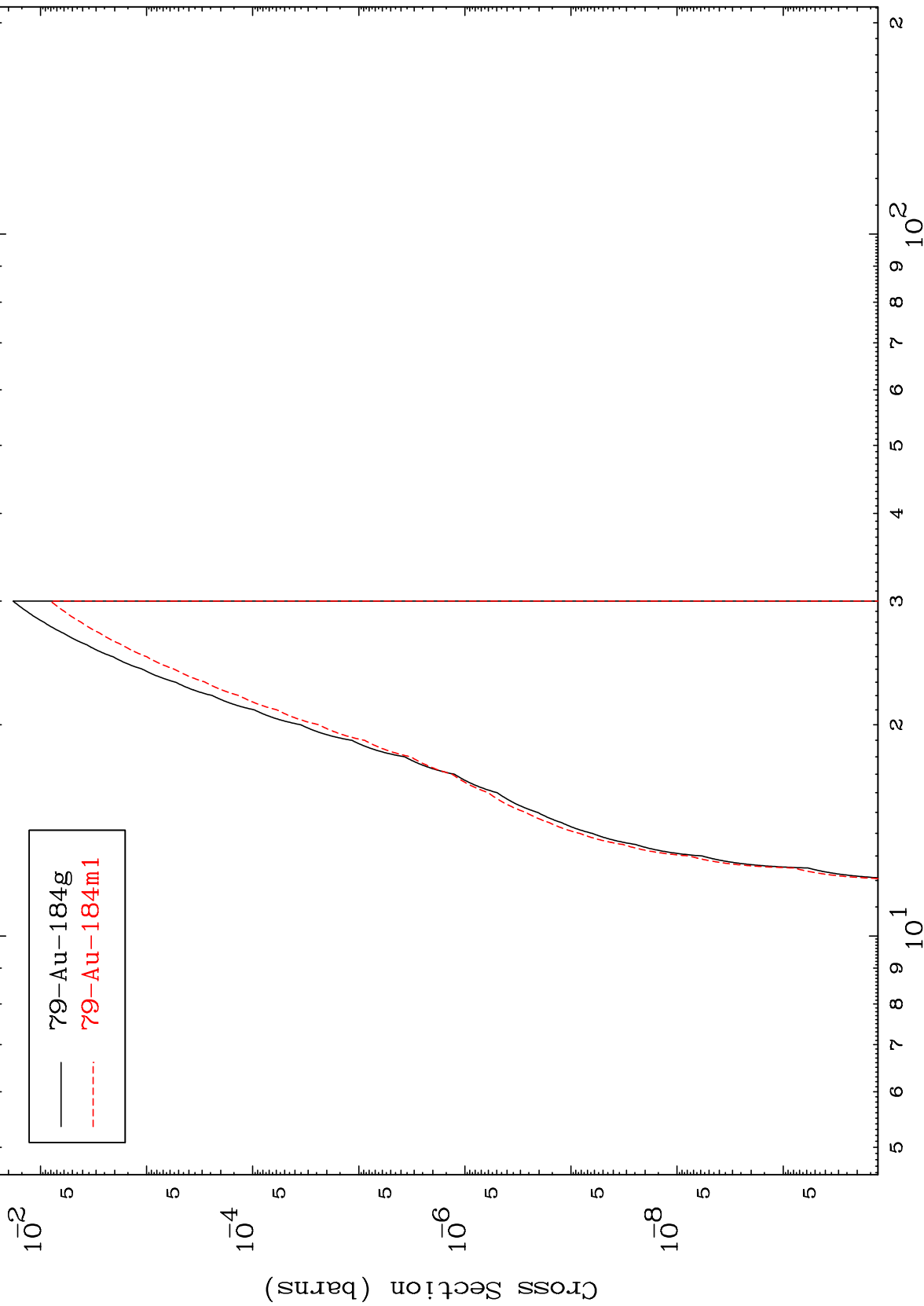
81-Tl-189

MAT 8083

(n,2n) α

81-Tl-189

Radionuclide Production Cross Section



70

Incident Energy (MeV)

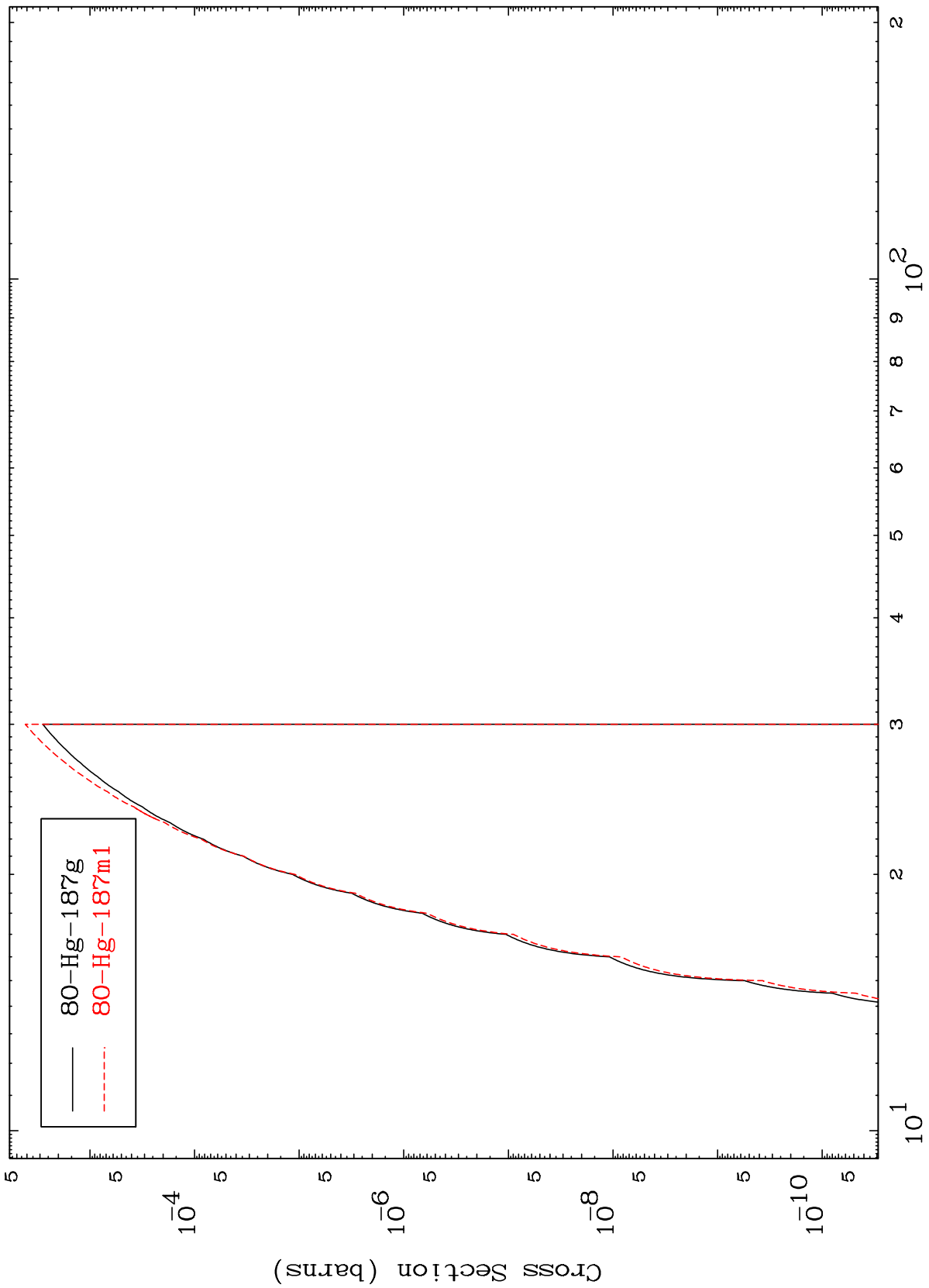
81-Tl-189

MAT 8083

(n,n') d

81-Tl-189

Radionuclide Production Cross Section

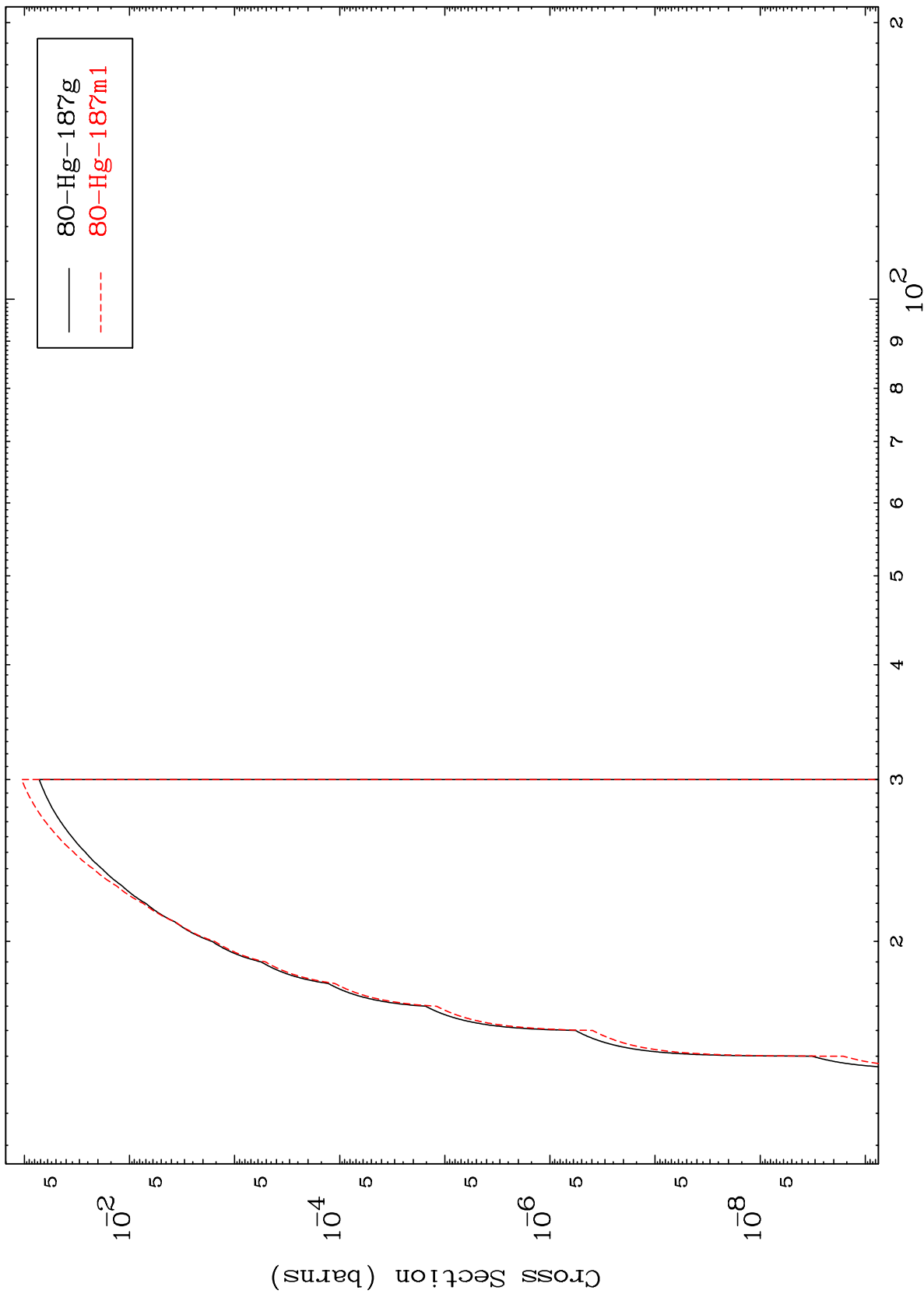


71

Incident Energy (MeV)

81-Tl-189

Radionuclide Production Cross Section

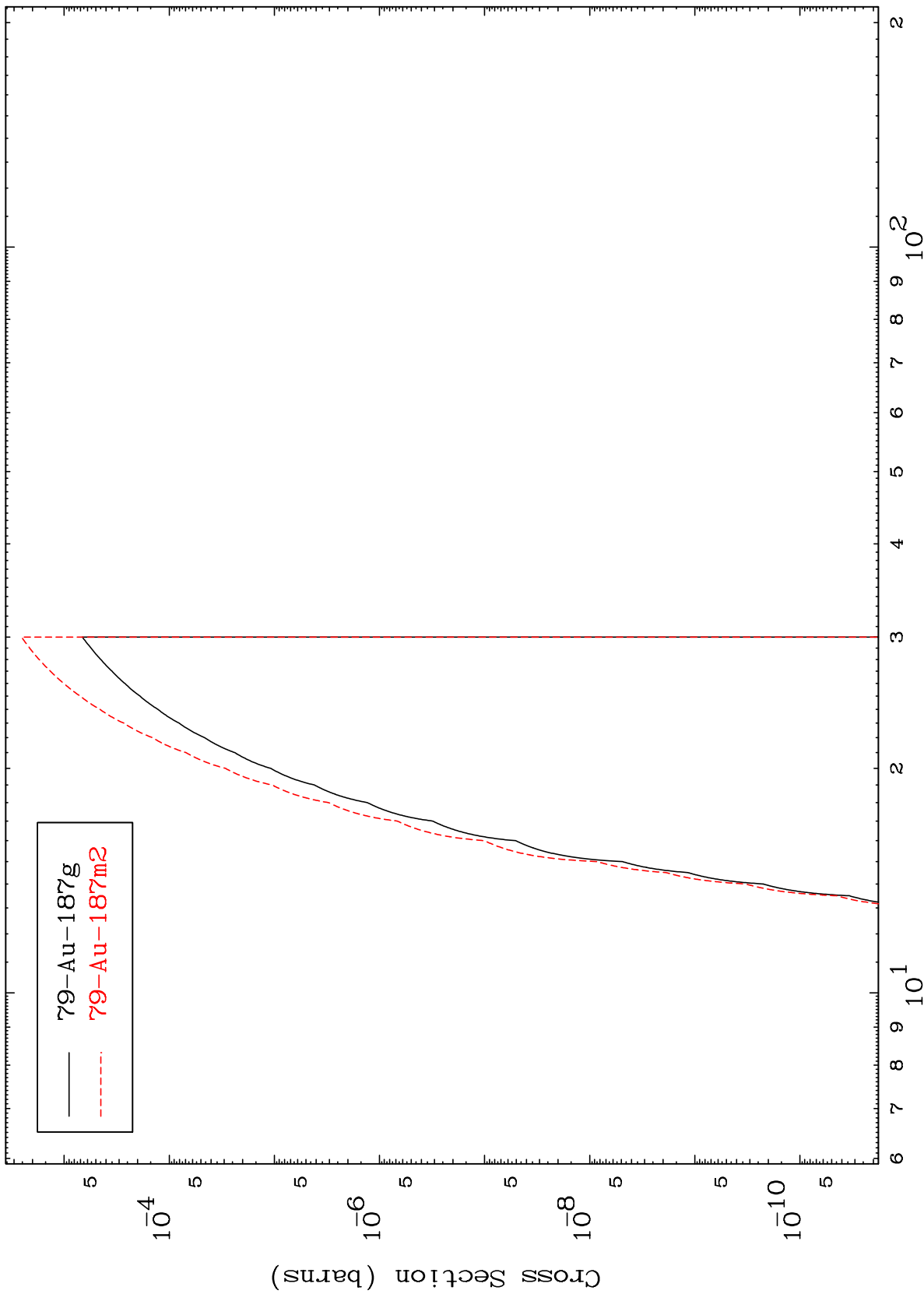


MAT 8083

(n,2n) p

81-Tl-189

Radionuclide Production Cross Section



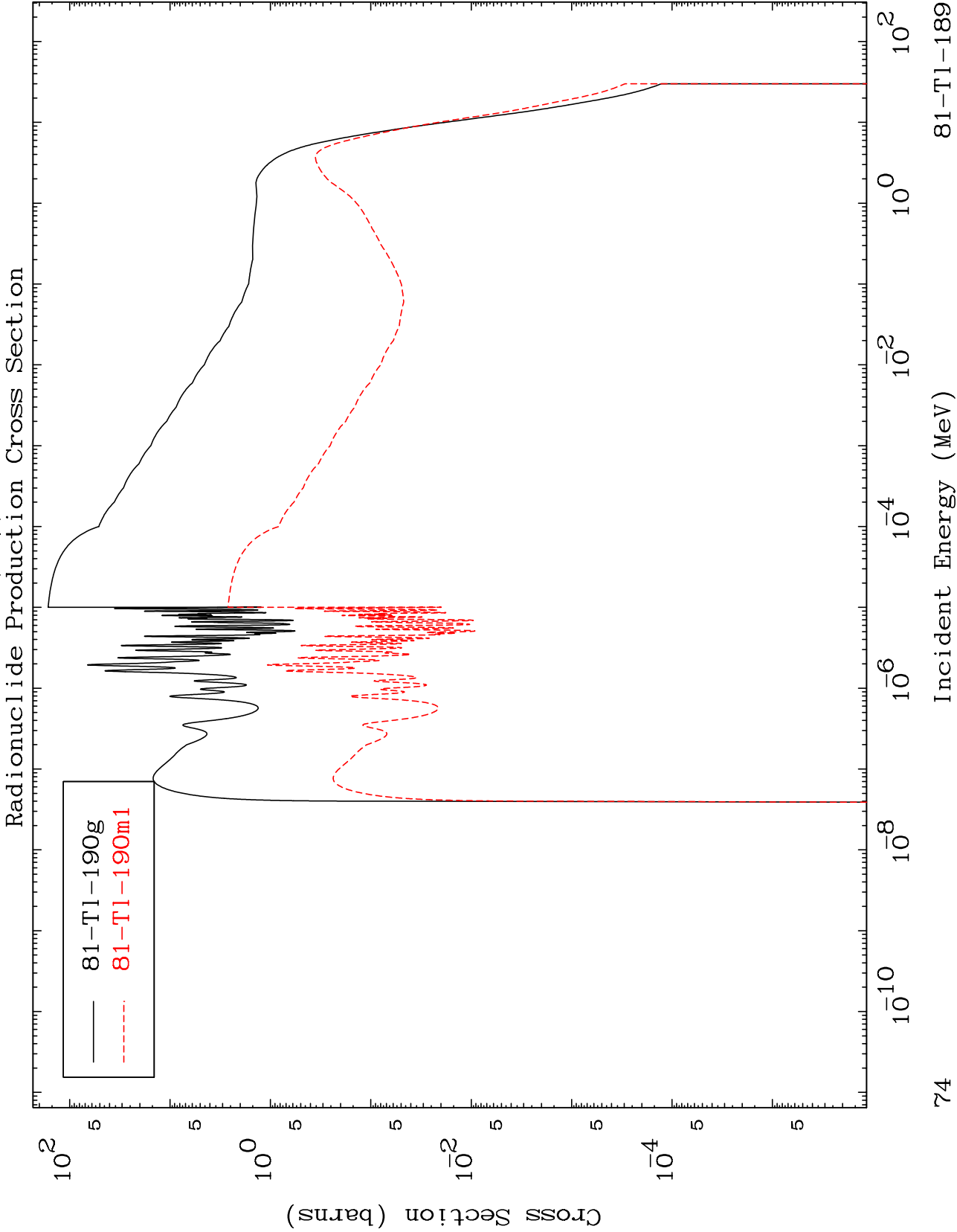
73

Incident Energy (MeV)

81-Tl-189

MAT 8083

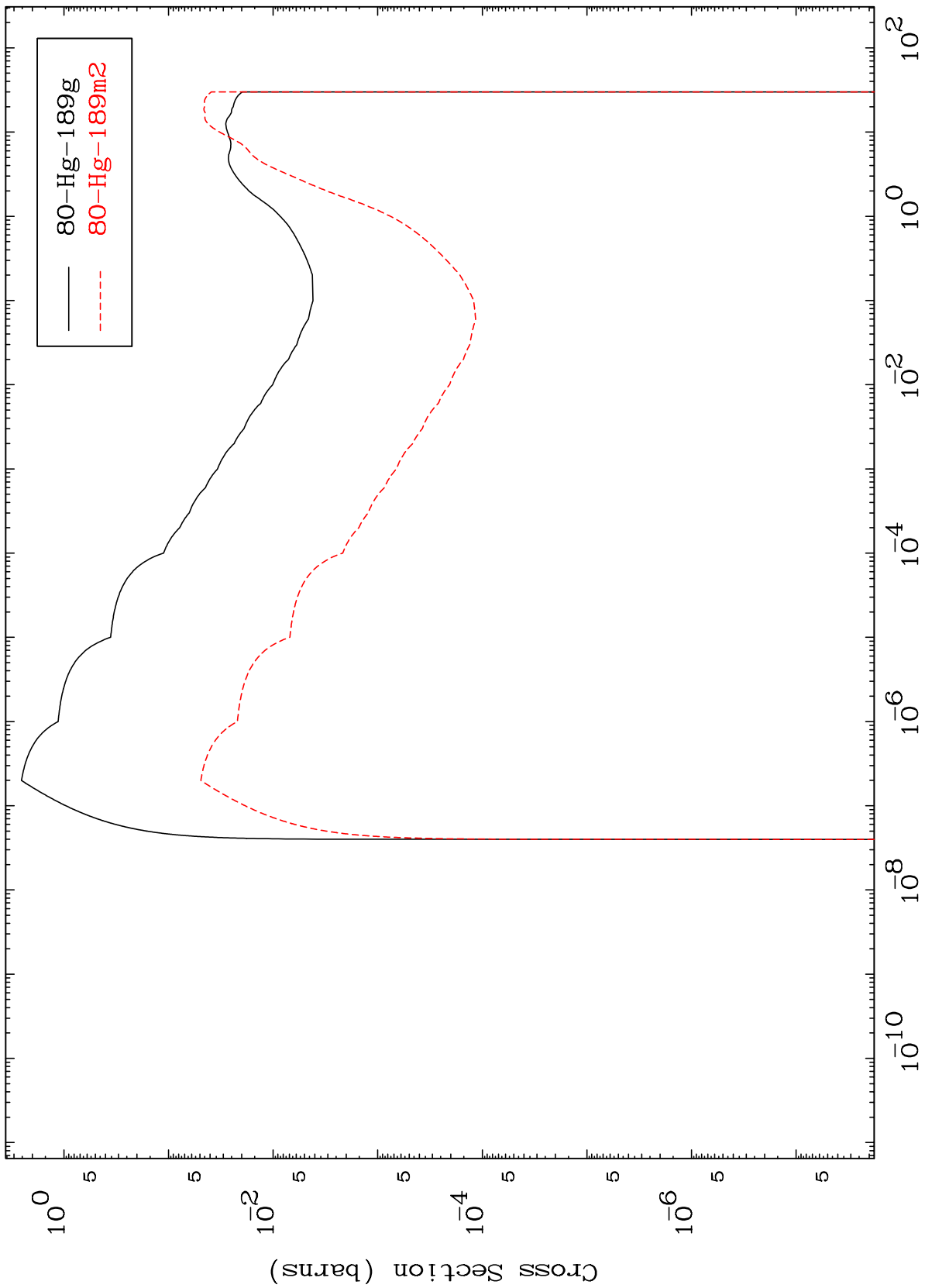
81-Tl-189



MAT 8083

81-Tl-189

(n,p)
Radionuclide Production Cross Section



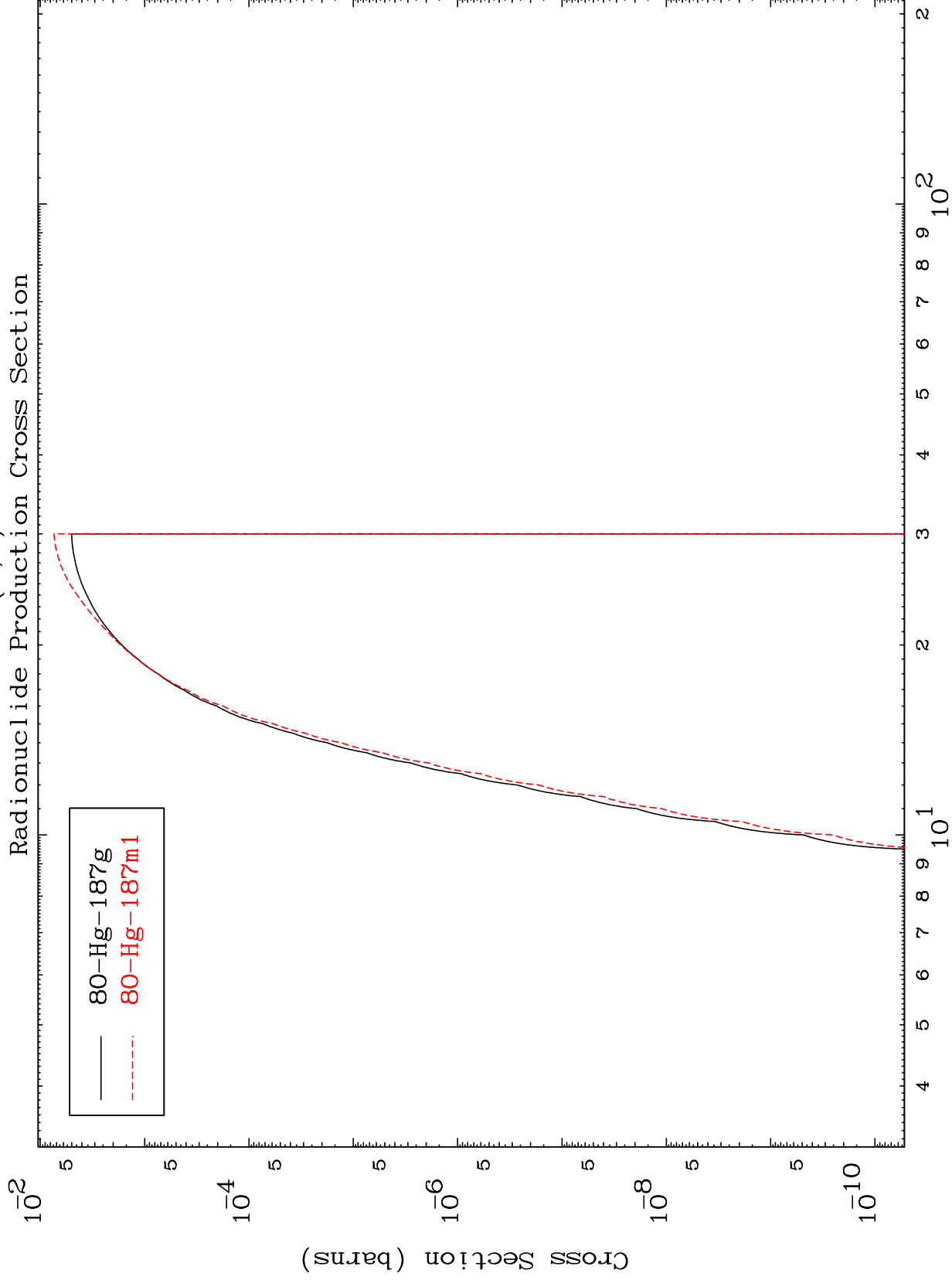
75

81-Tl-189

MAT 8083

81-Tl-189

(n, t)
Radionuclide Production Cross Section



76

Incident Energy (MeV)

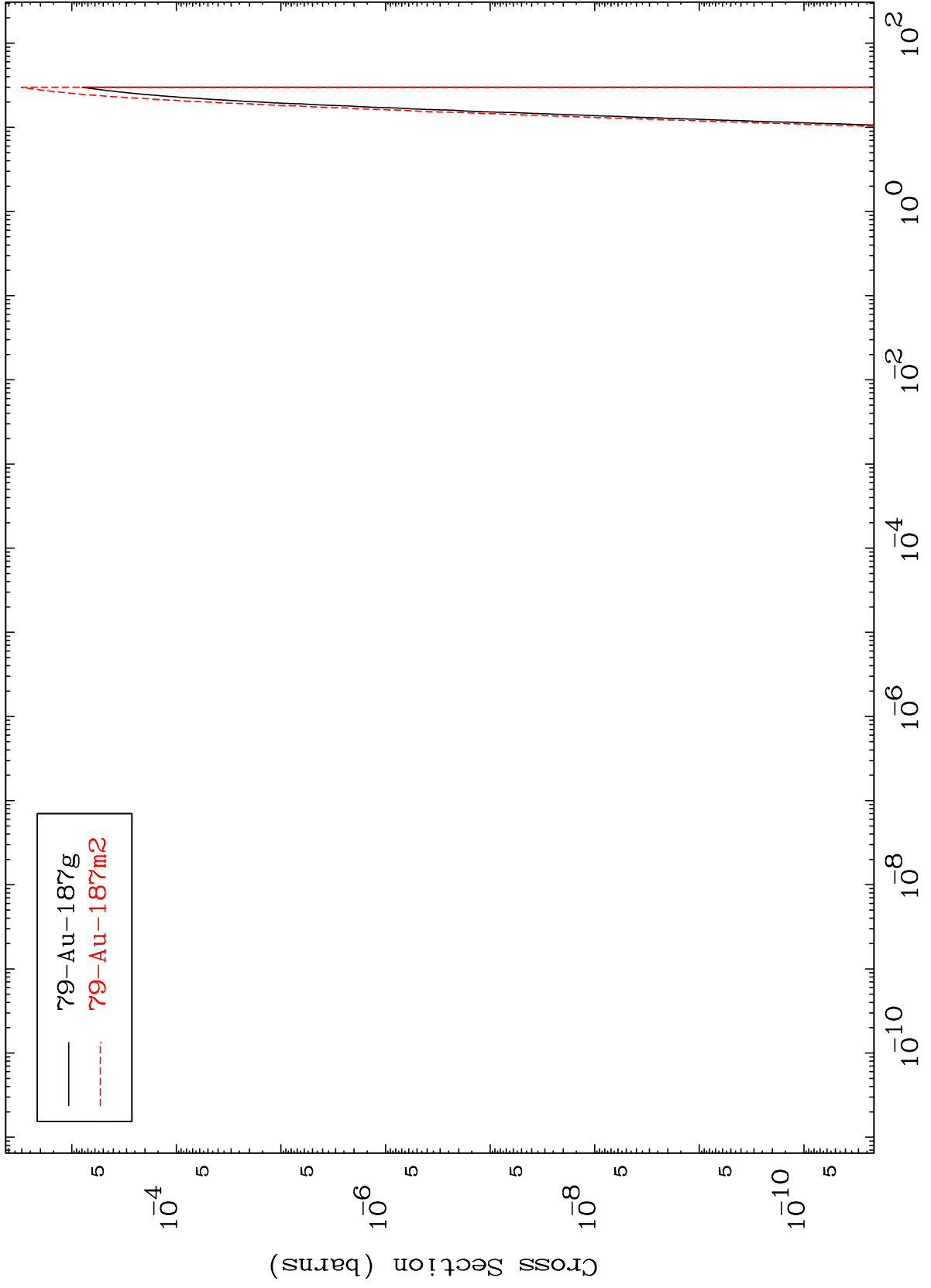
81-Tl-189

MAT 8083

(n,He-3)

81-Tl-189

Radionuclide Production Cross Section



77

Incident Energy (MeV)

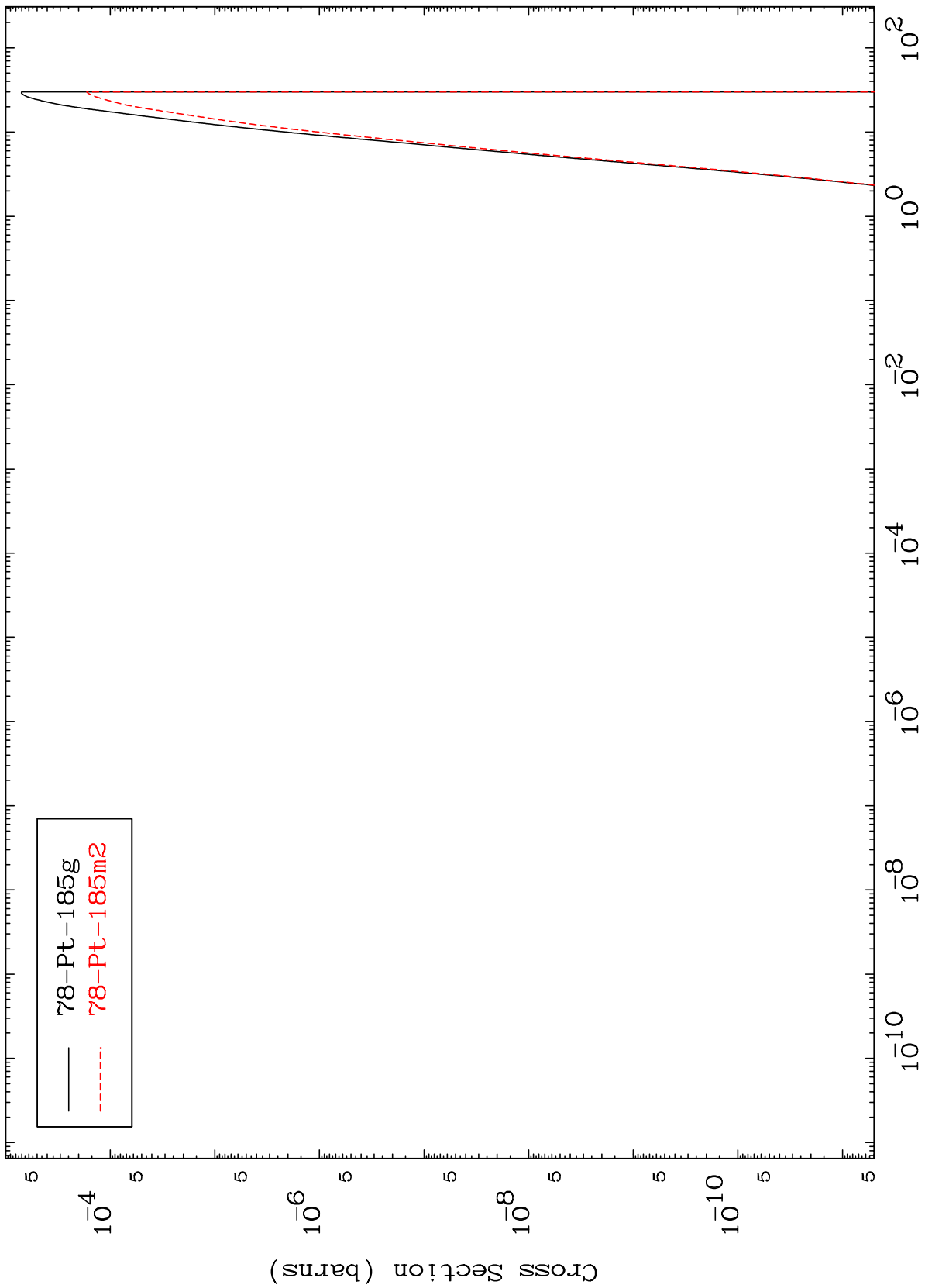
81-Tl-189

MAT 8083

(n,p) α

81-Tl-189

Radionuclide Production Cross Section



78

Incident Energy (MeV)

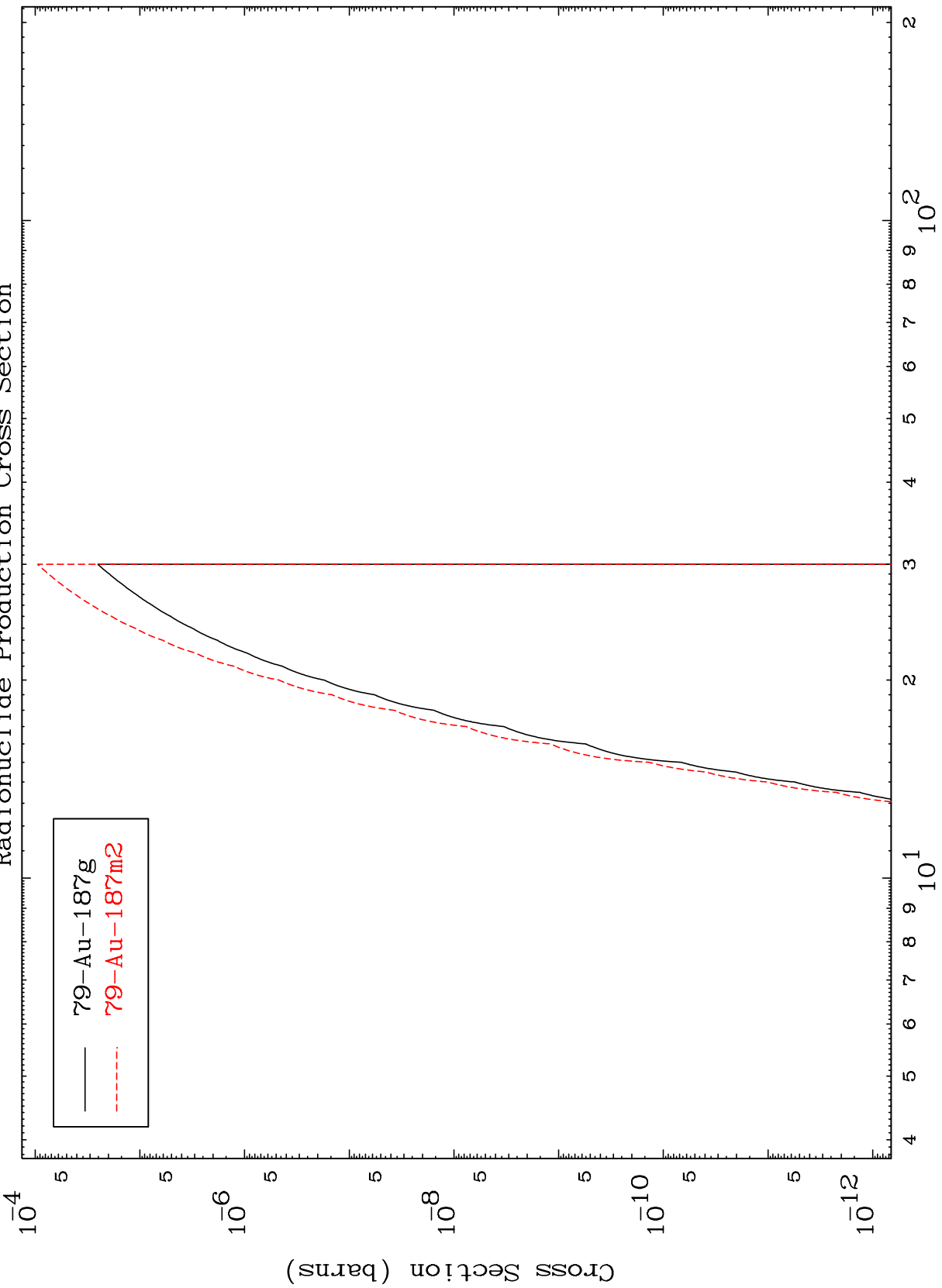
81-Tl-189

MAT 8083

(n,p) d

81-Tl-189

Radionuclide Production Cross Section



79

Incident Energy (MeV)

81-Tl-189