

Program EVALPLOT
(Version 2015-2)

by

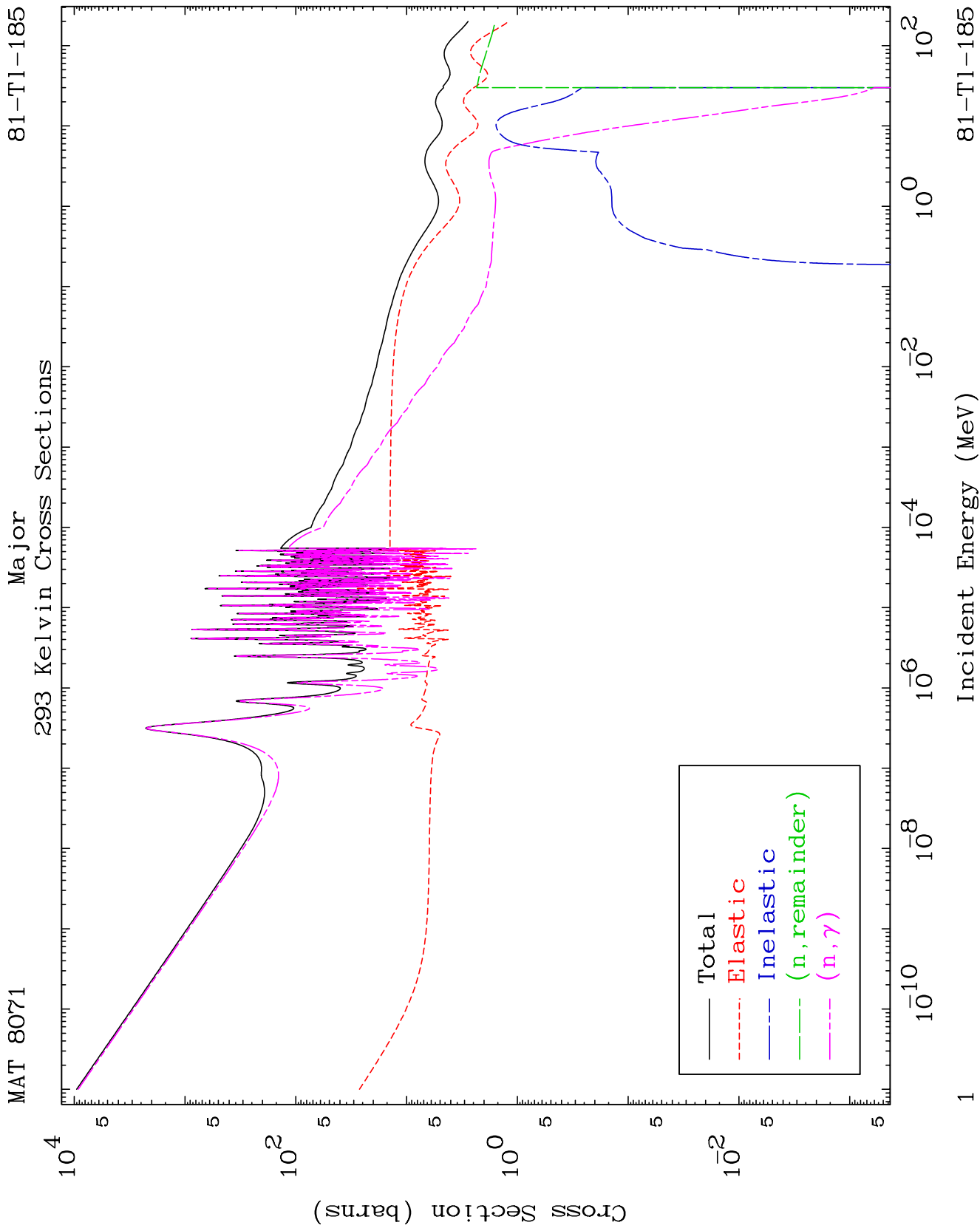
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Livermore, CA 94550
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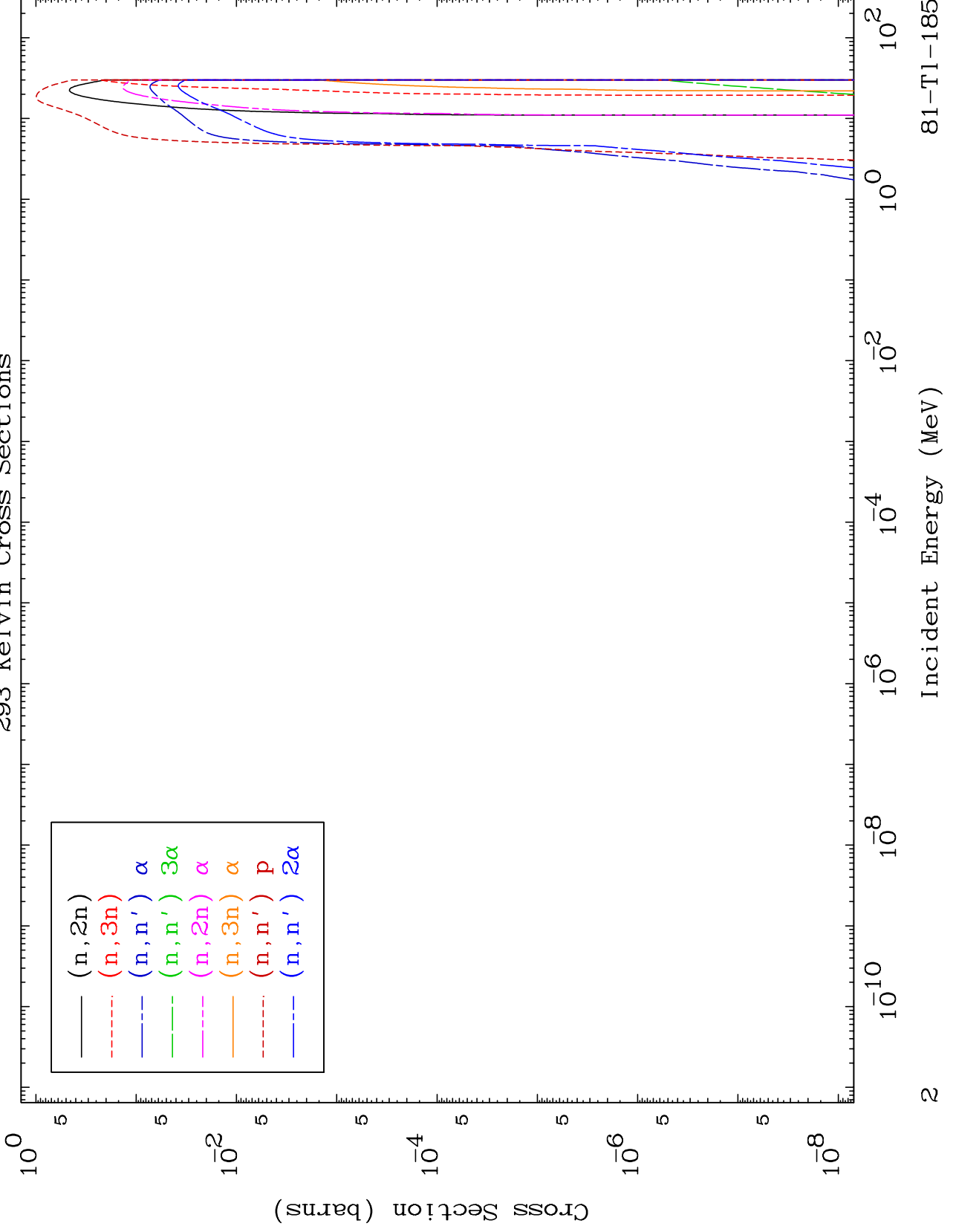
Press Mouse Button to Start



MAT 8071

Neutron Production
293 Kelvin Cross Sections

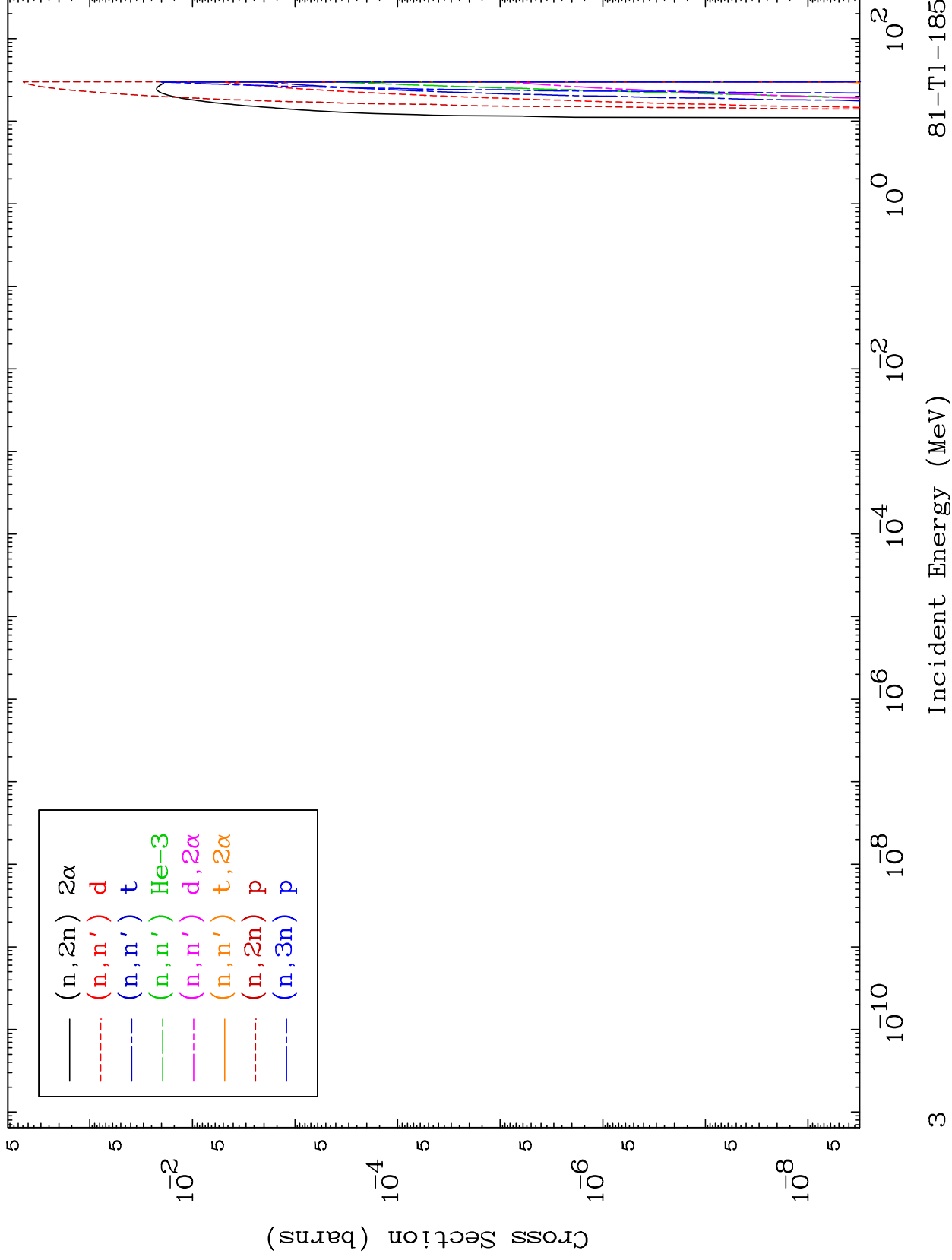
81-Tl-185



MAT 8071

Neutron Production
293 Kelvin Cross Sections

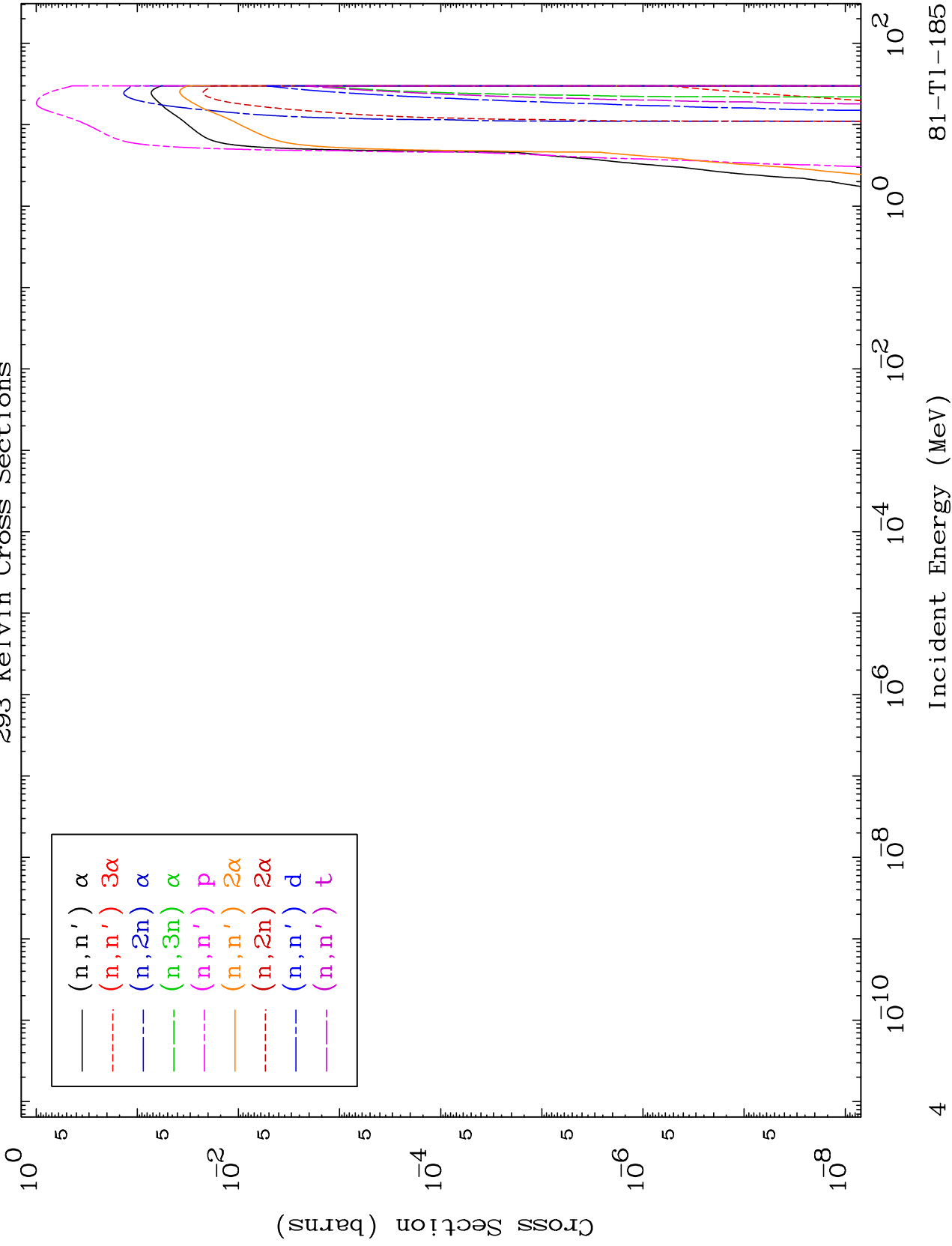
81-Tl-185



MAT 8071

Charged Particle
293 Kelvin Cross Sections

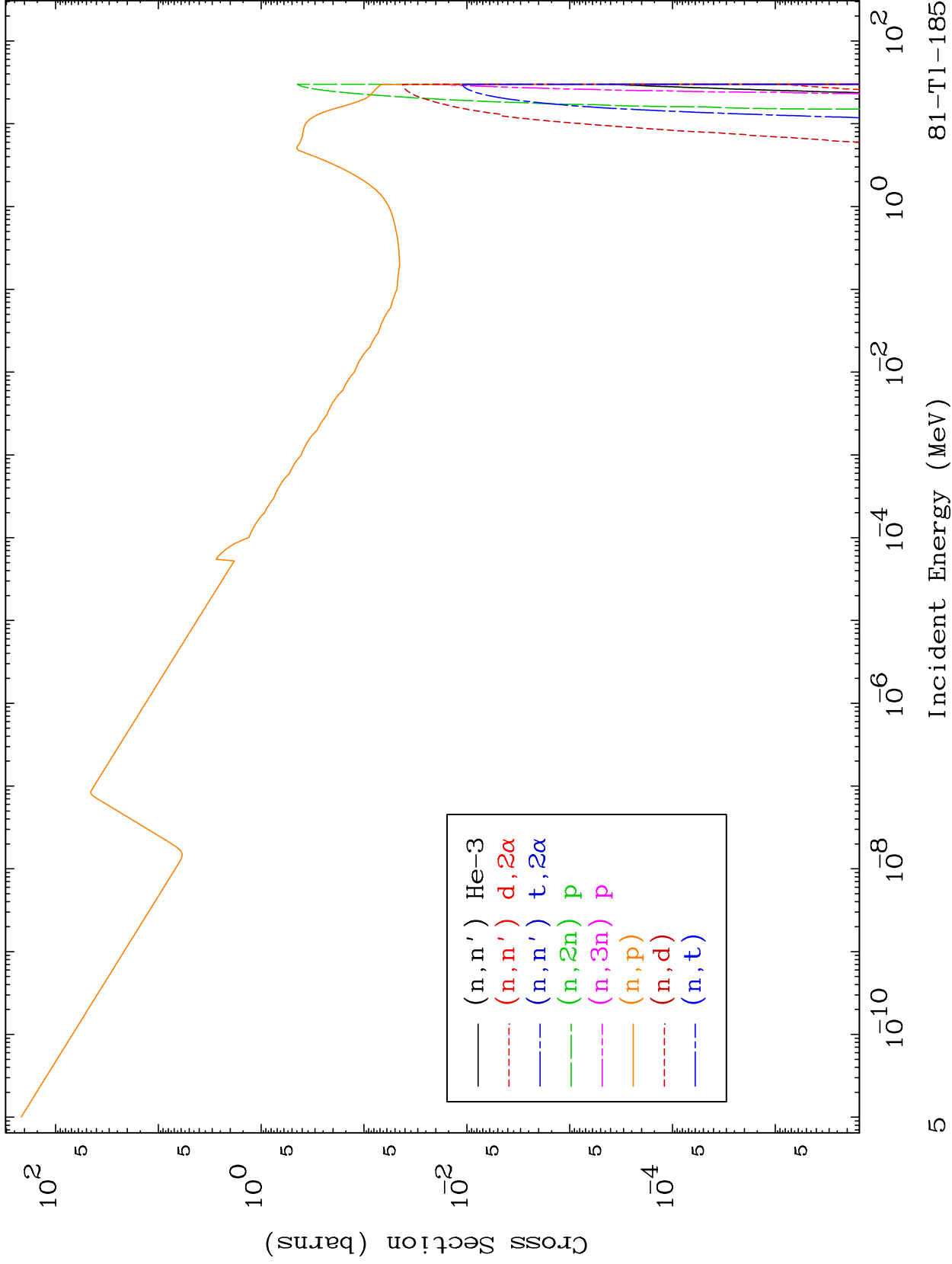
81-Tl-185



MAT 8071

Charged Particle
293 Kelvin Cross Sections

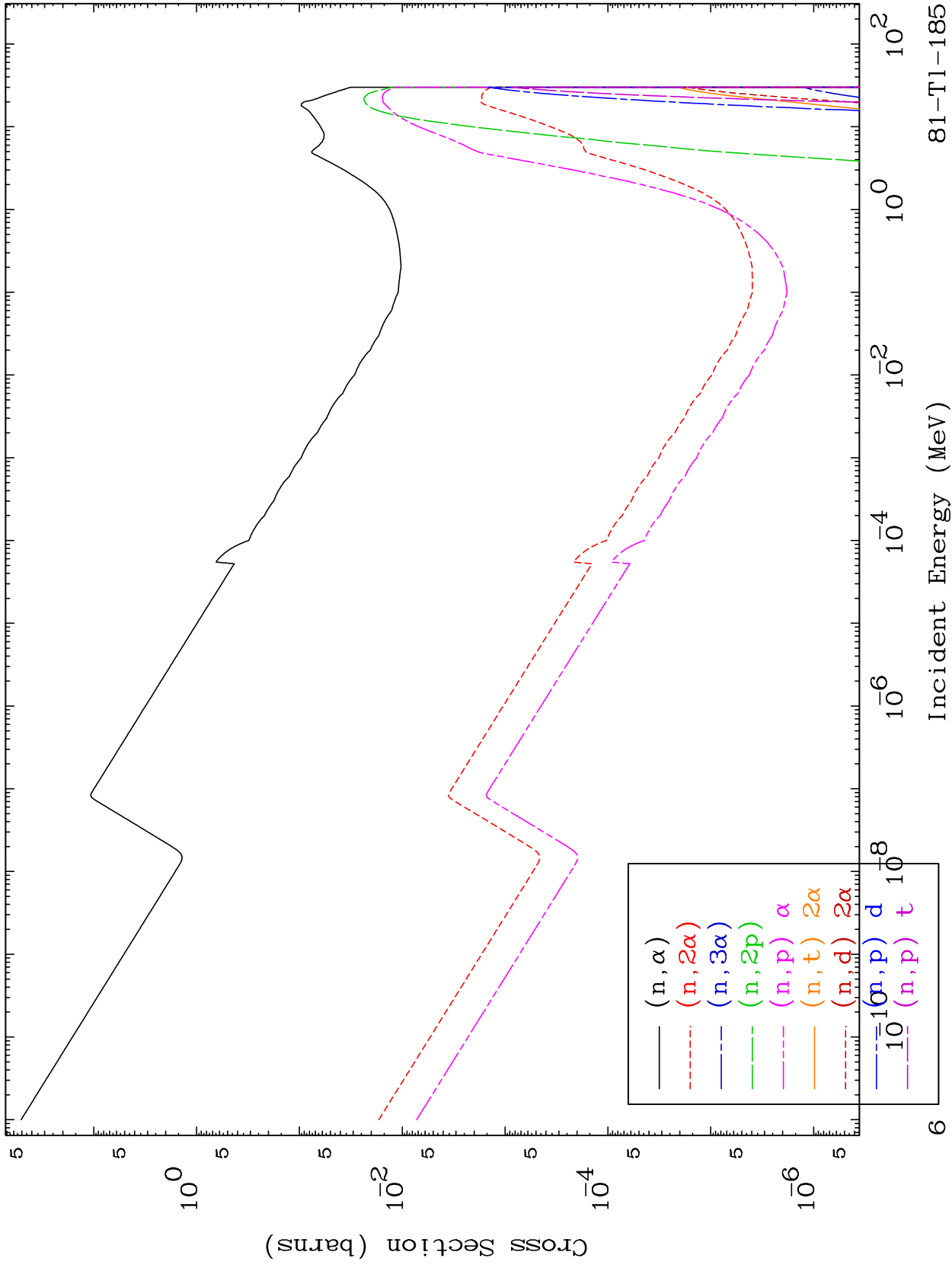
81-Tl-185



MAT 8071

Charged Particle
293 Kelvin Cross Sections

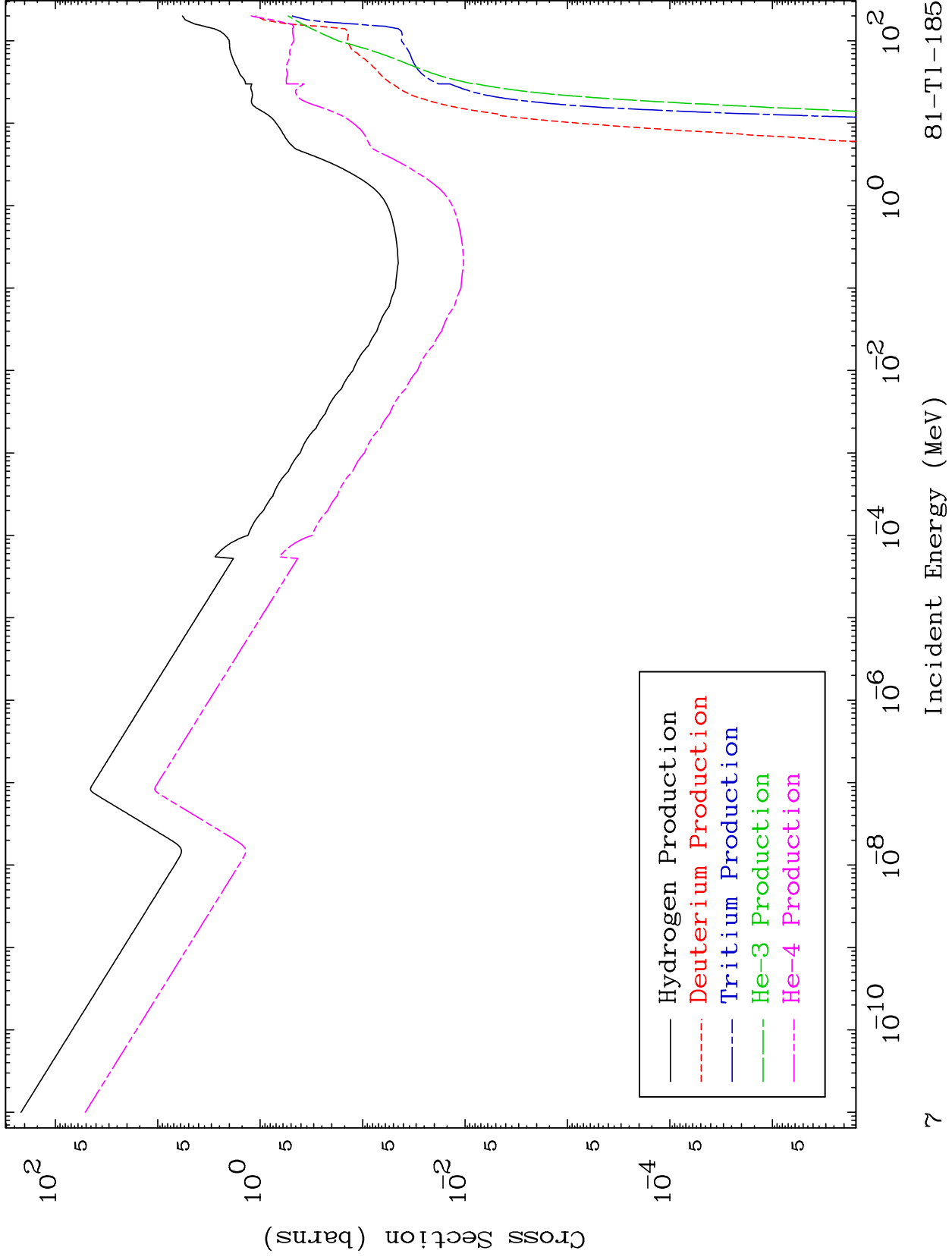
81-Tl-185



MAT 8071

Particle Production
293 Kelvin Cross Sections

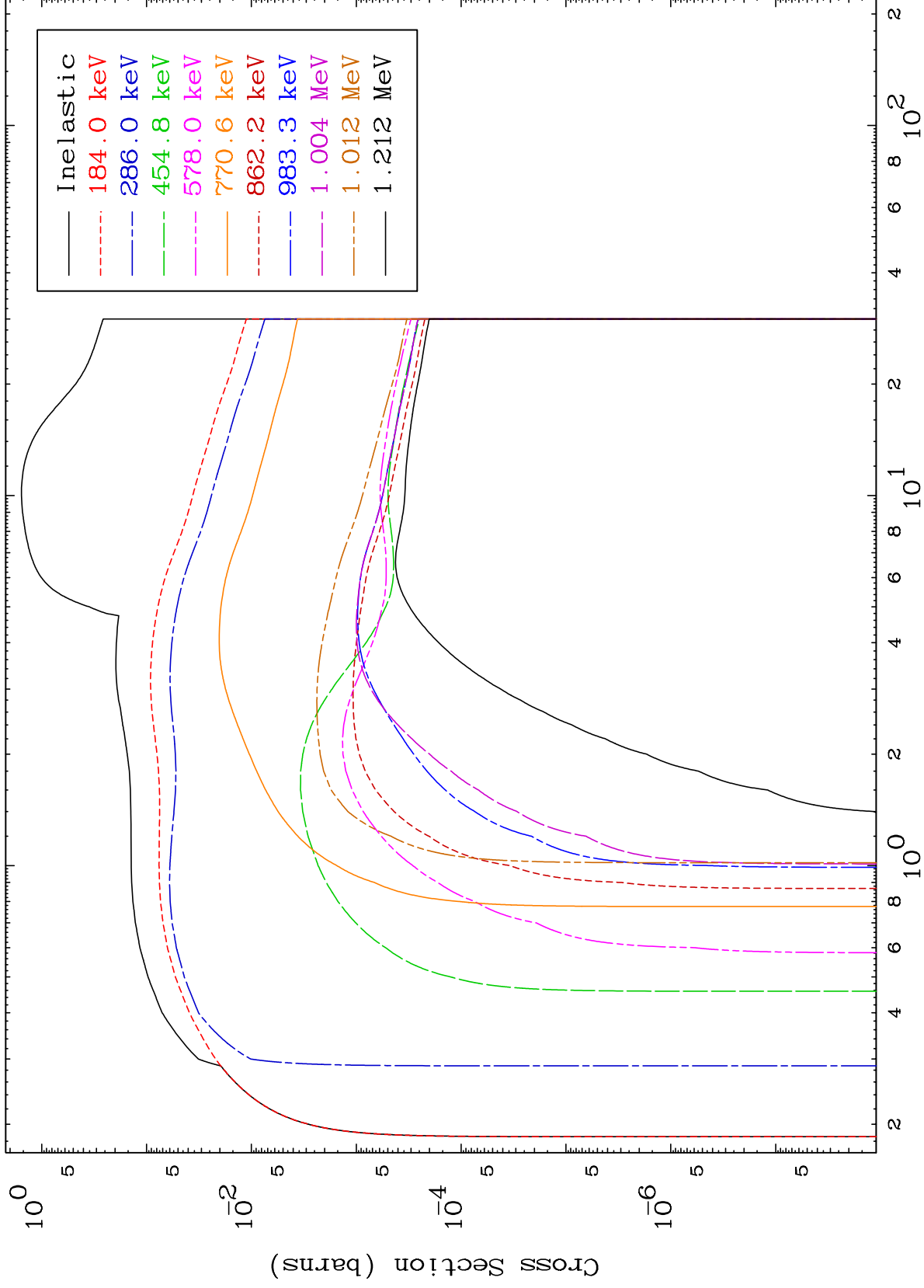
81-T1-185



MAT 8071

(n,n') Level
293 Kelvin Cross Sections

81-Tl-185



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Incident Energy (MeV)

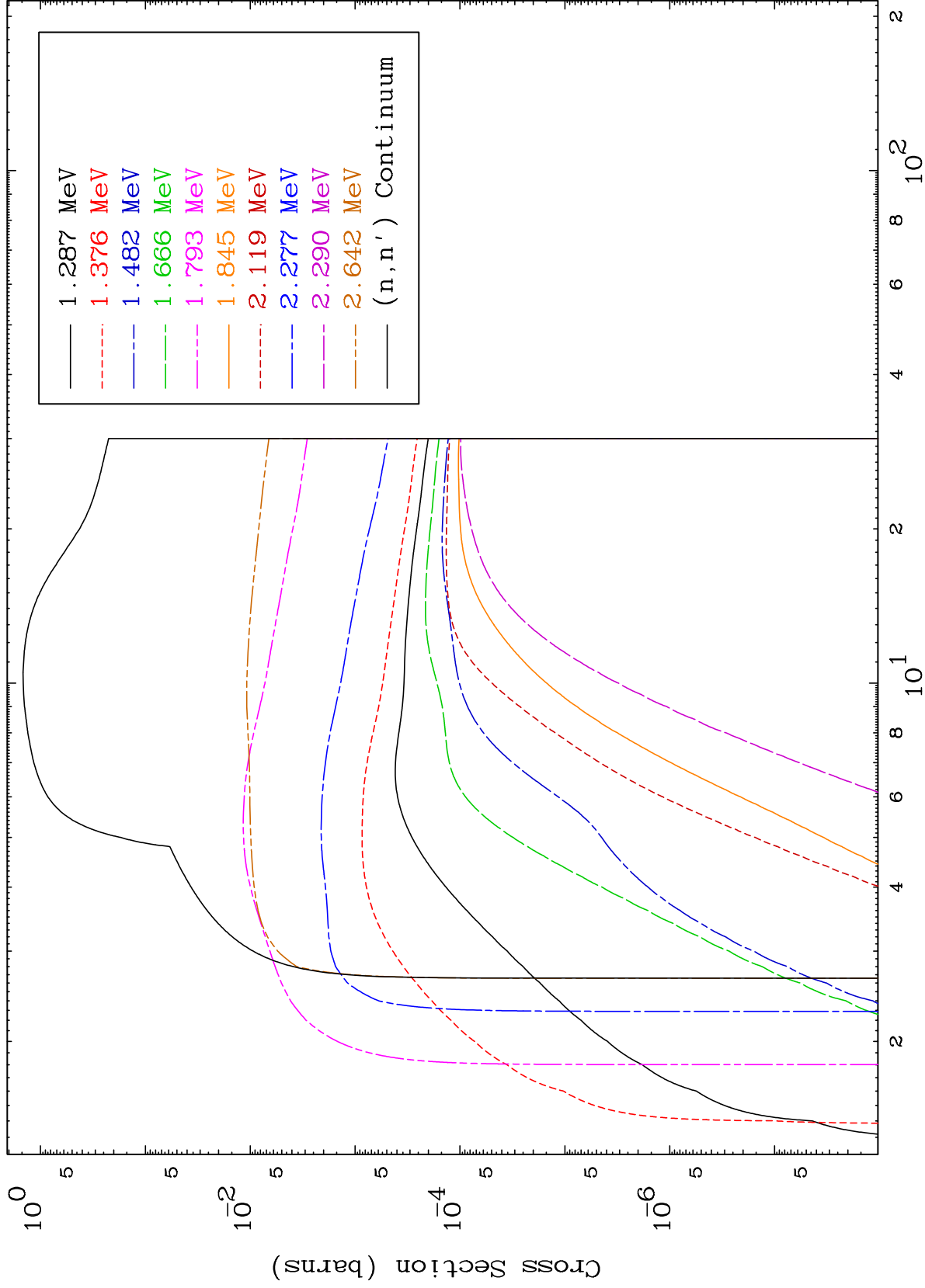
81-Tl-185

MAT 8071

(n,n') Level

81-Tl-185

293 Kelvin Cross Sections



9

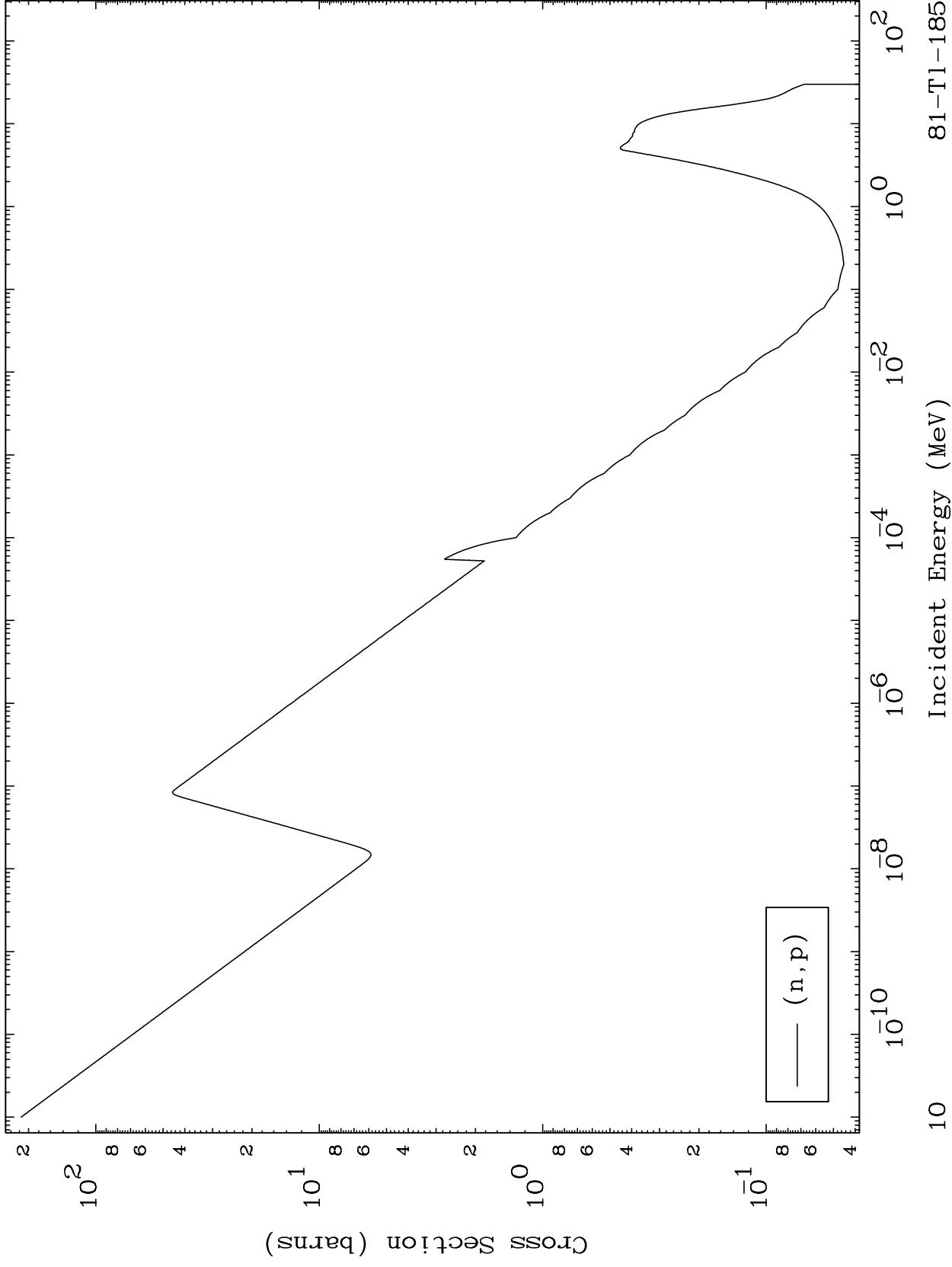
Incident Energy (MeV)

81-Tl-185

MAT 8071

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-185

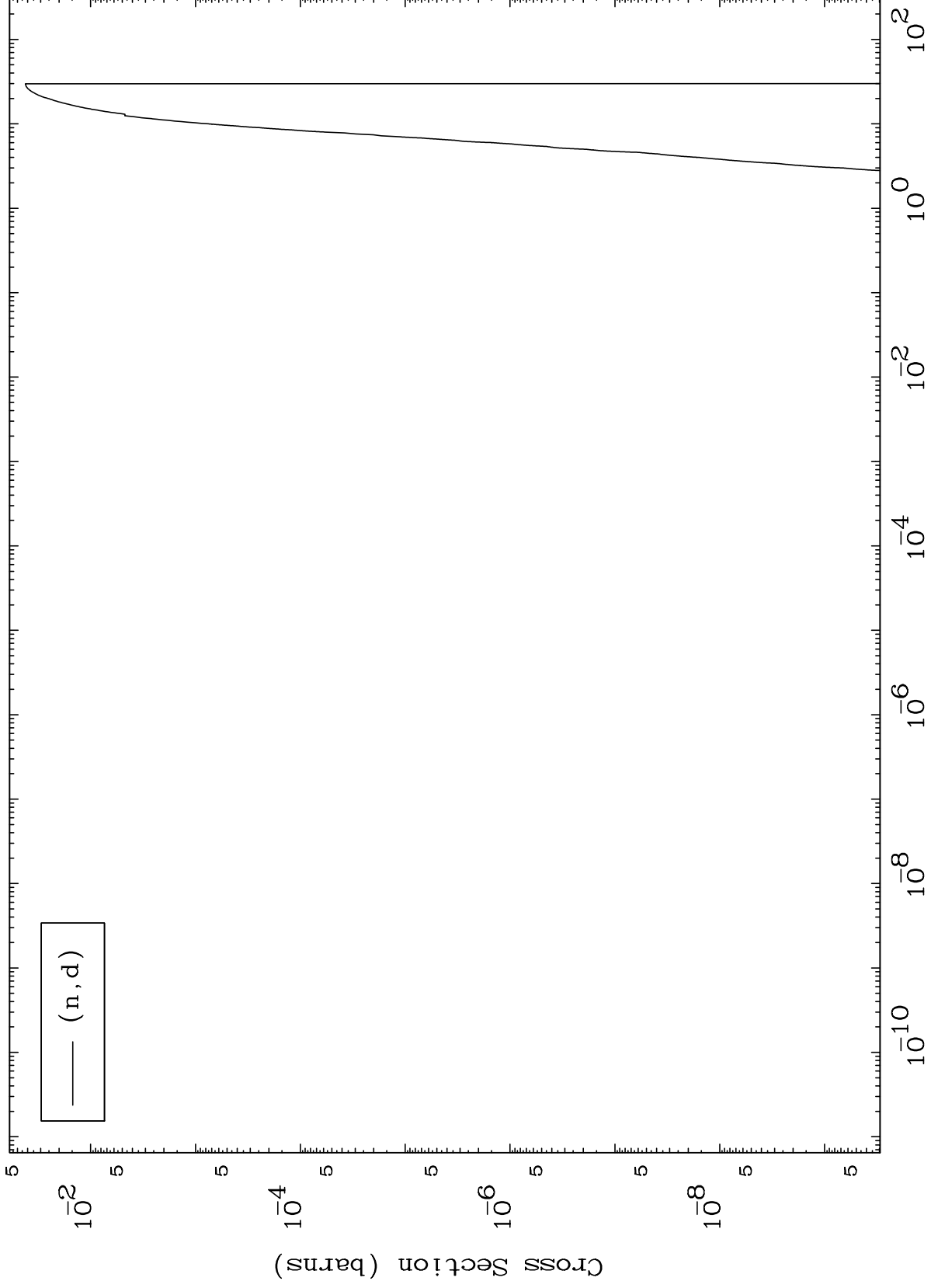


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MAT 8071

(n,d) Levels
293 Kelvin Cross Sections

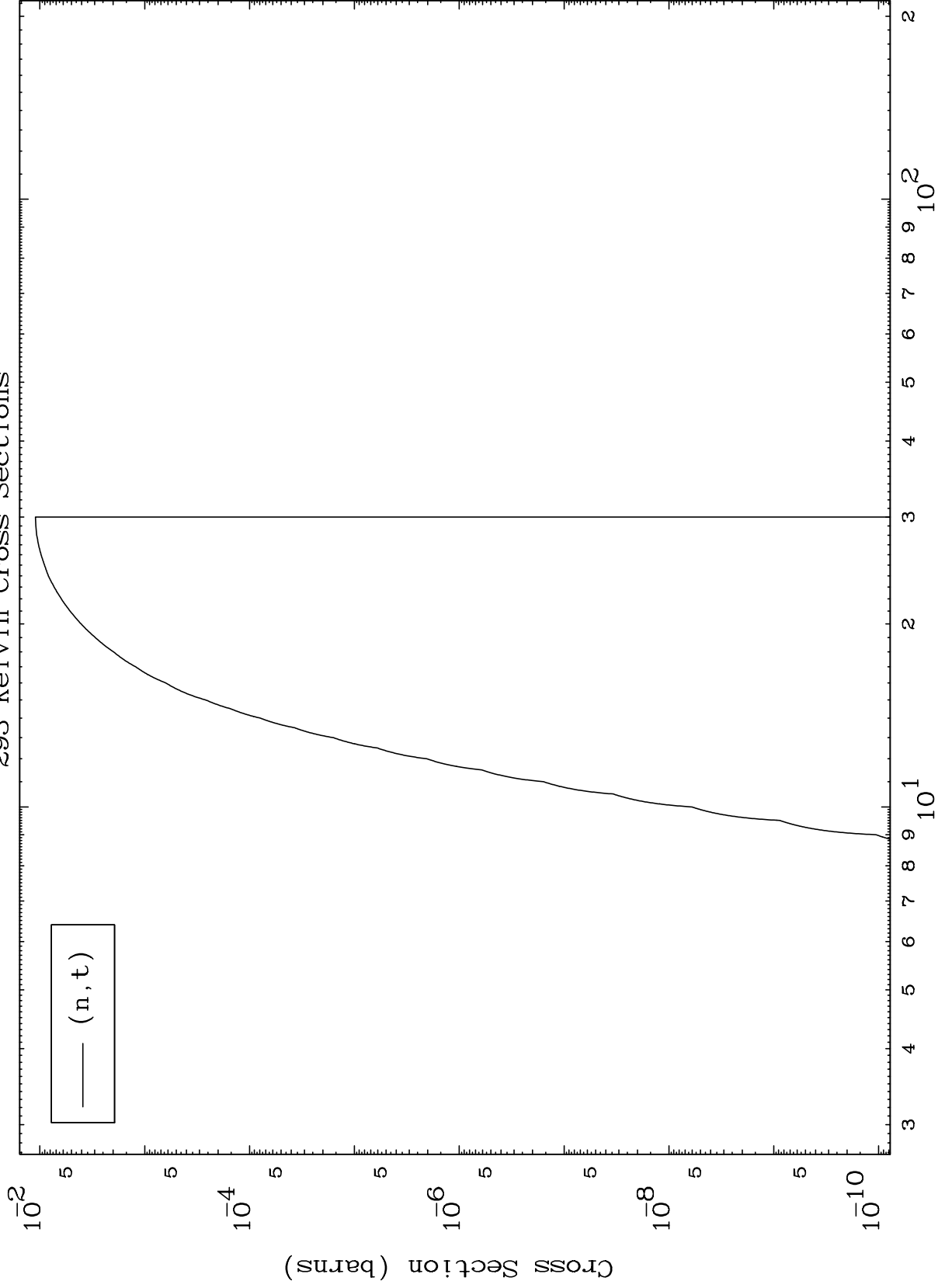
81-Tl-185



MAT 8071

(n,t) Levels
293 Kelvin Cross Sections

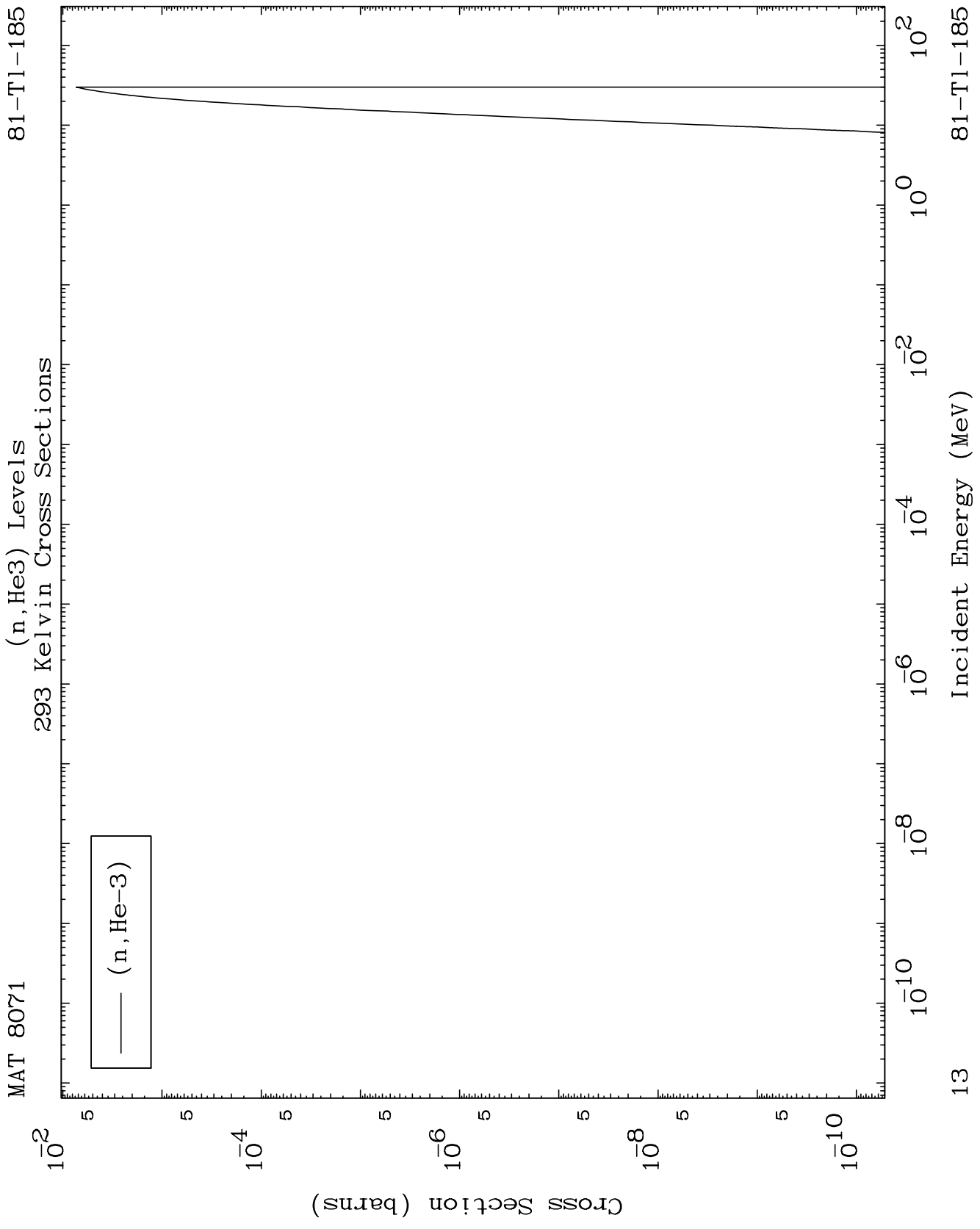
81-Tl-185



12

Incident Energy (MeV)

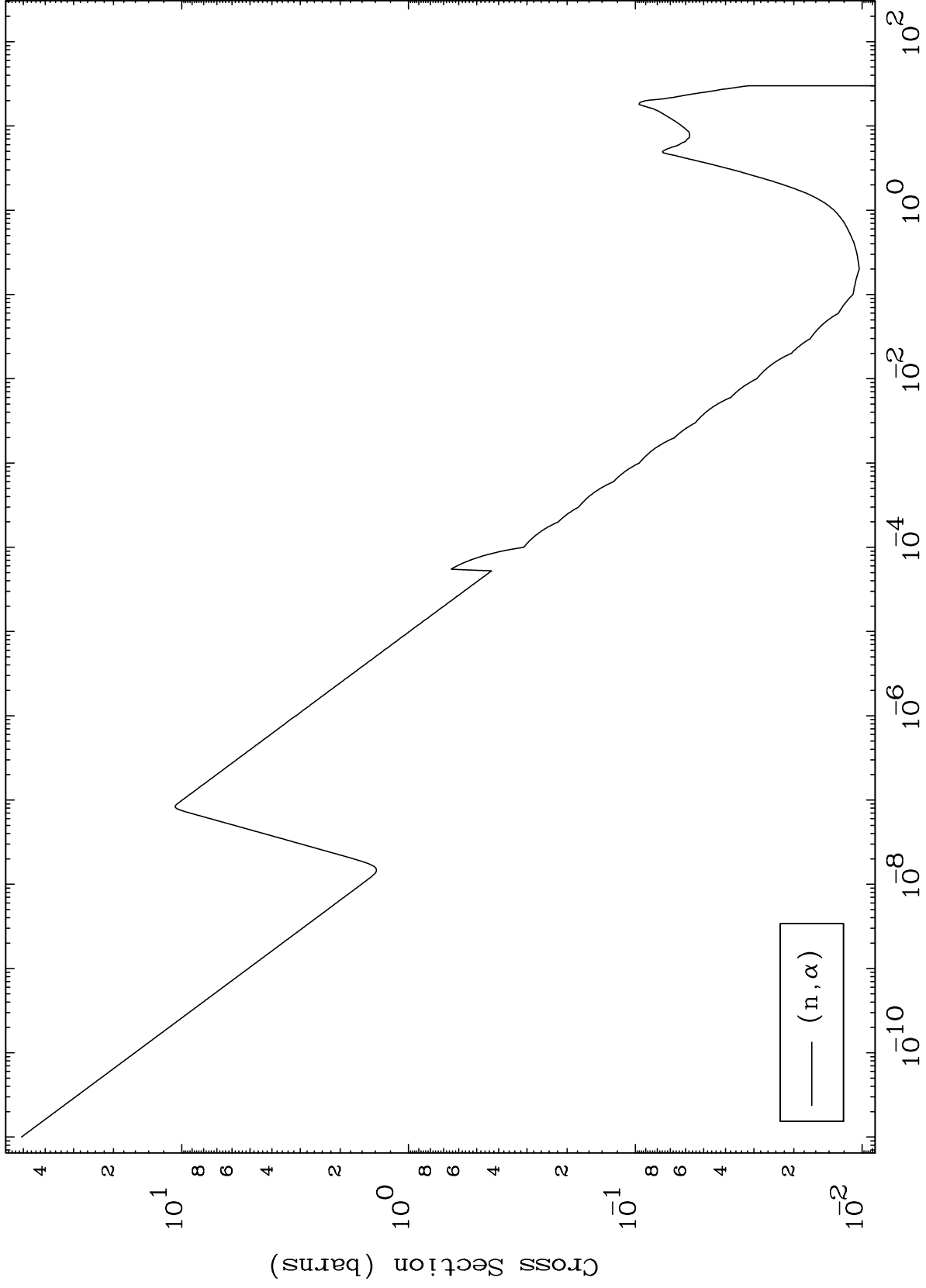
81-Tl-185



MAT 8071

(n,α) Levels
293 Kelvin Cross Sections

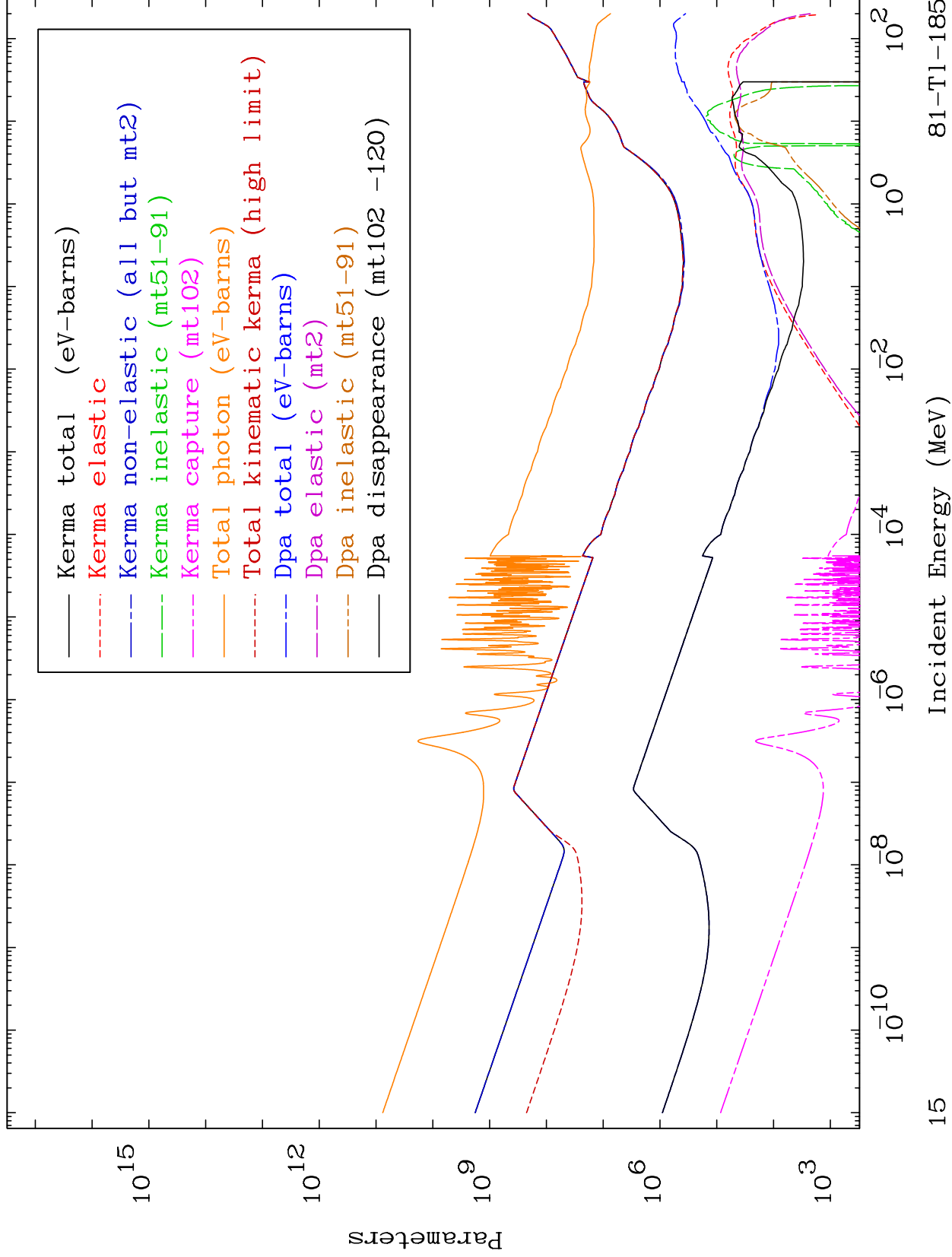
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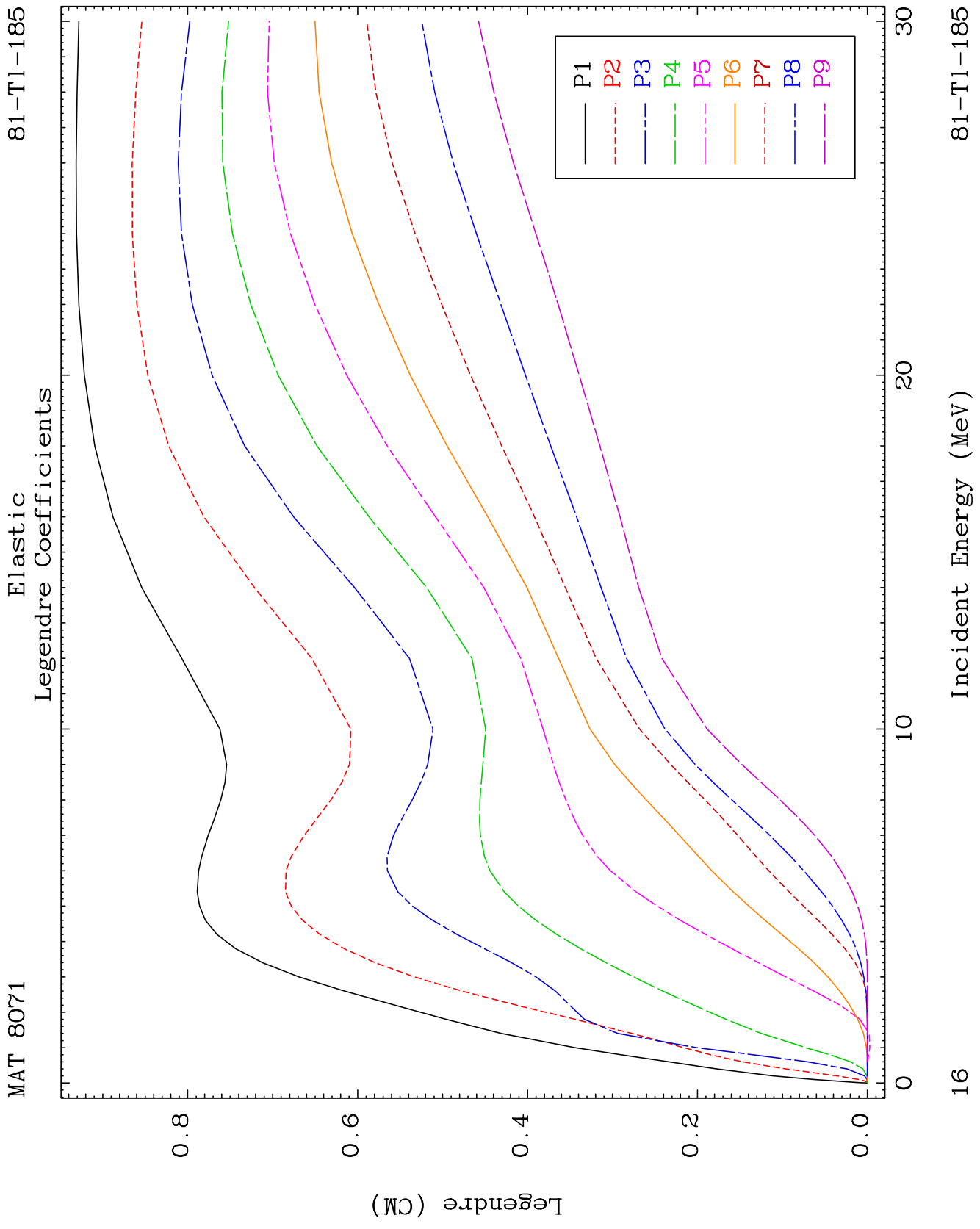


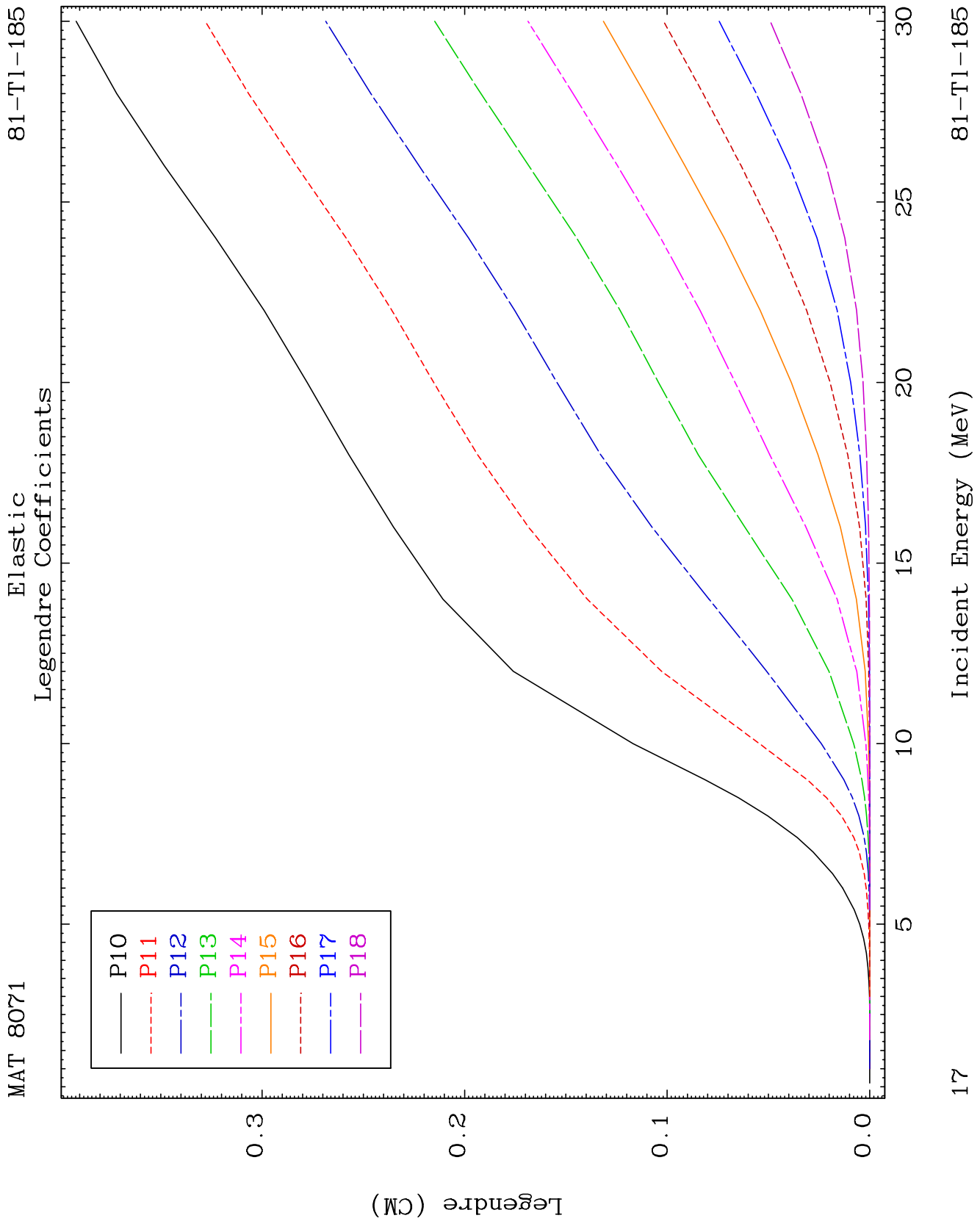
14

Incident Energy (MeV)

81-T1-185



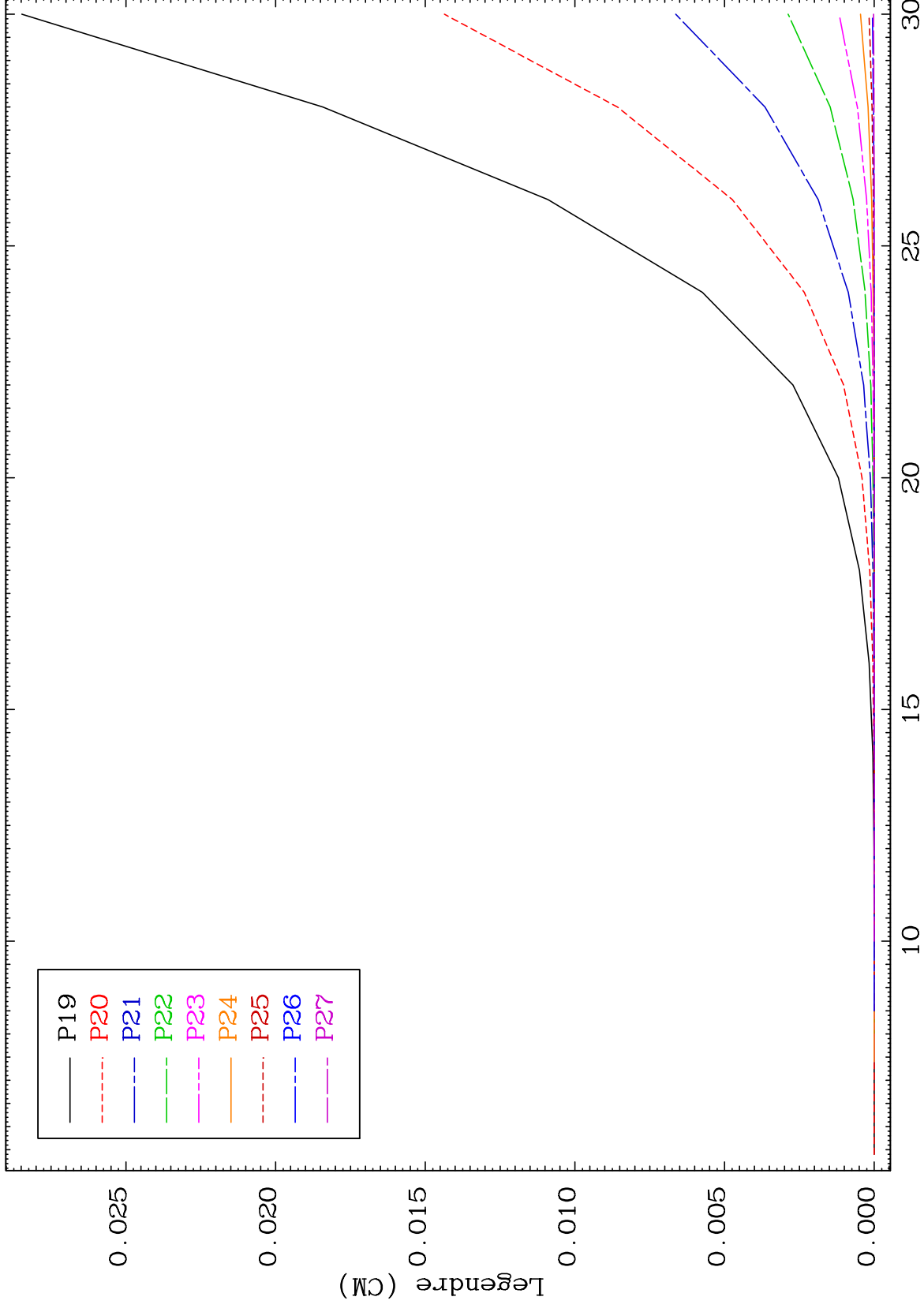




MAT 8071

Elastic Legendre Coefficients

81-T1-185



18

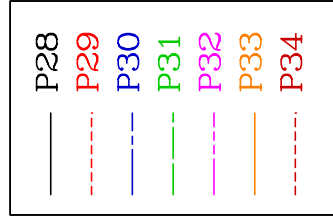
Incident Energy (MeV)

81-T1-185

MAT 8071

Elastic Legendre Coefficients

81-T1-185



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

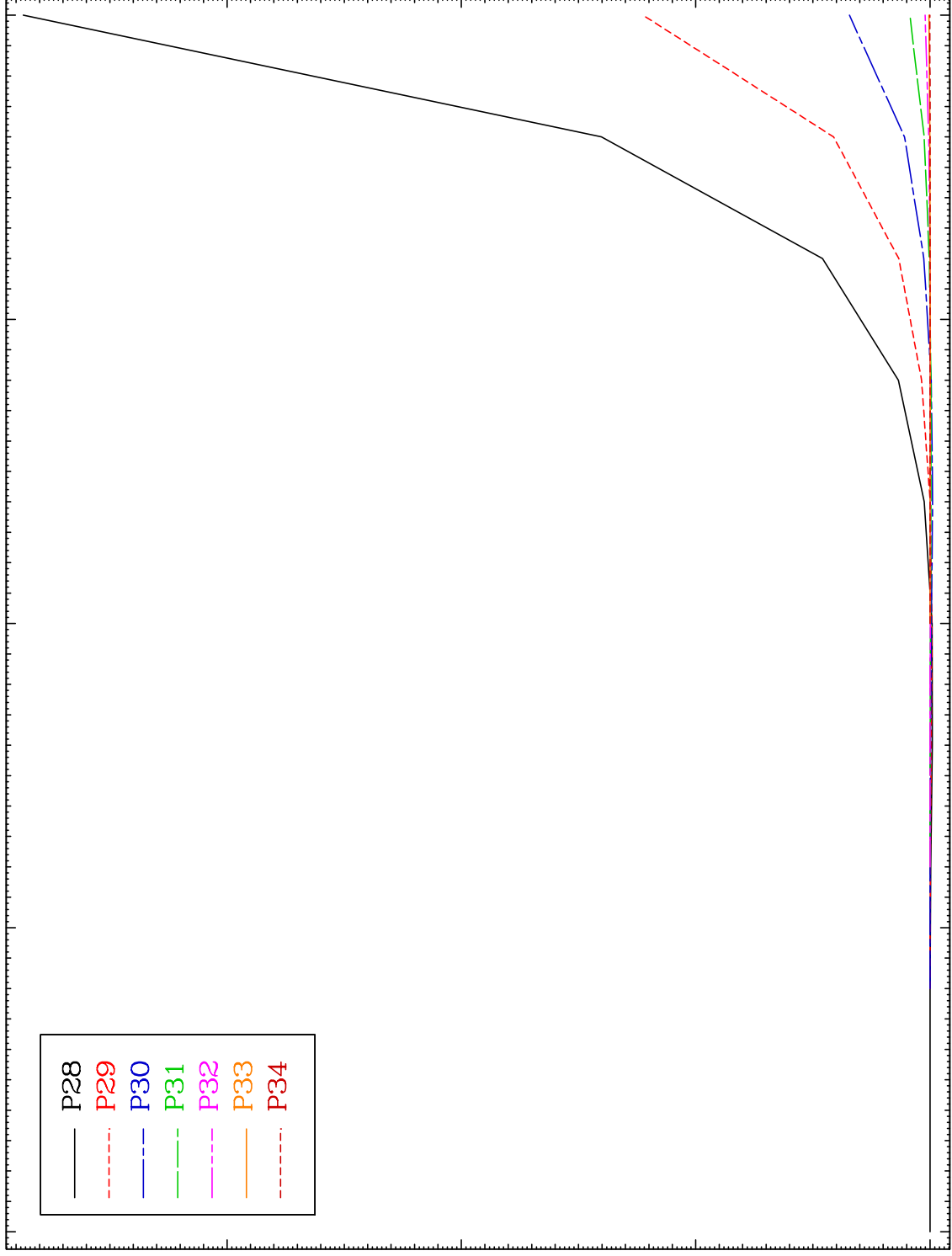
25

30

19

Incident Energy (MeV)

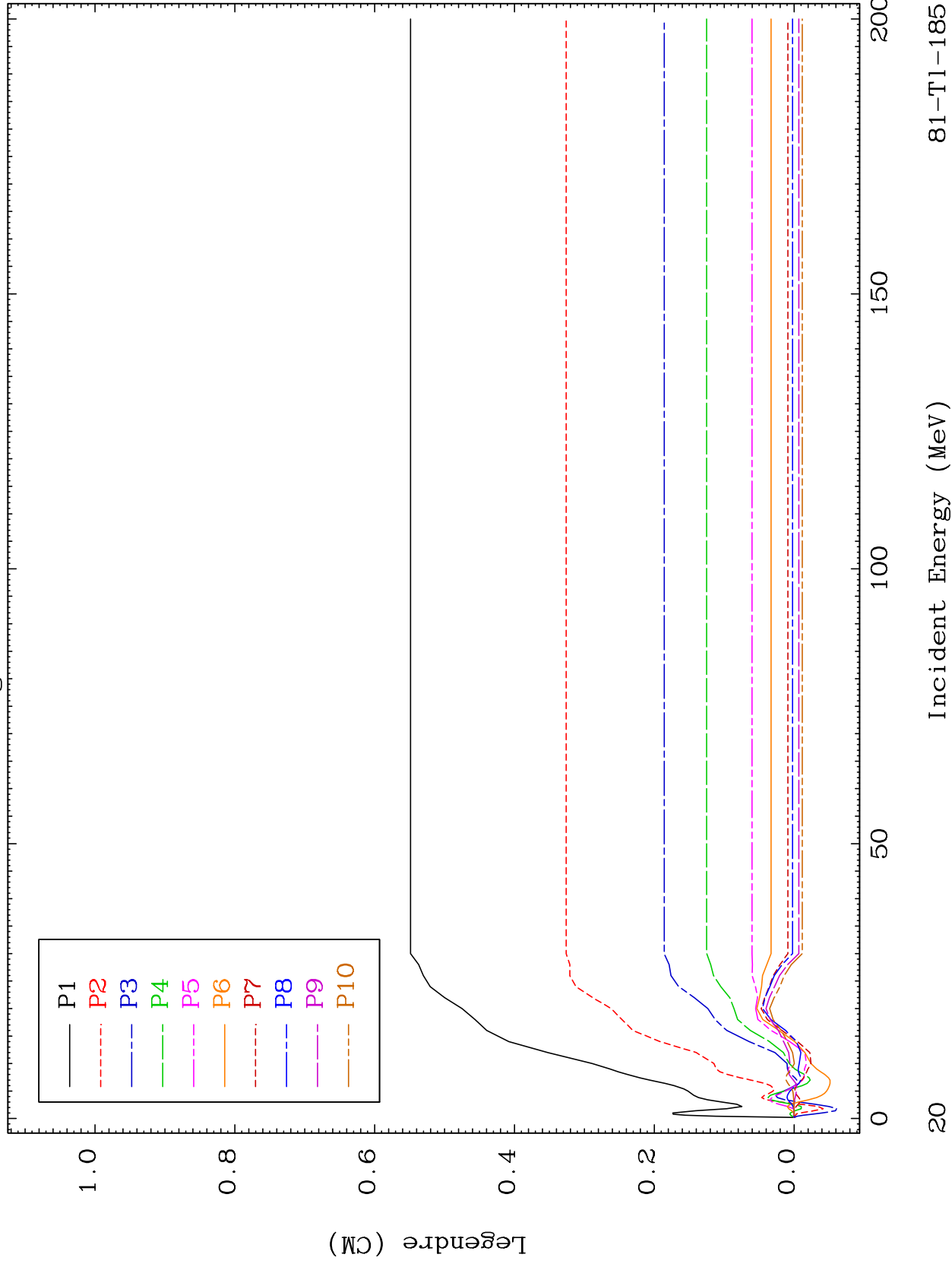
81-T1-185



MAT 8071

184.0 keV (n,n') Level
Legendre Coefficients

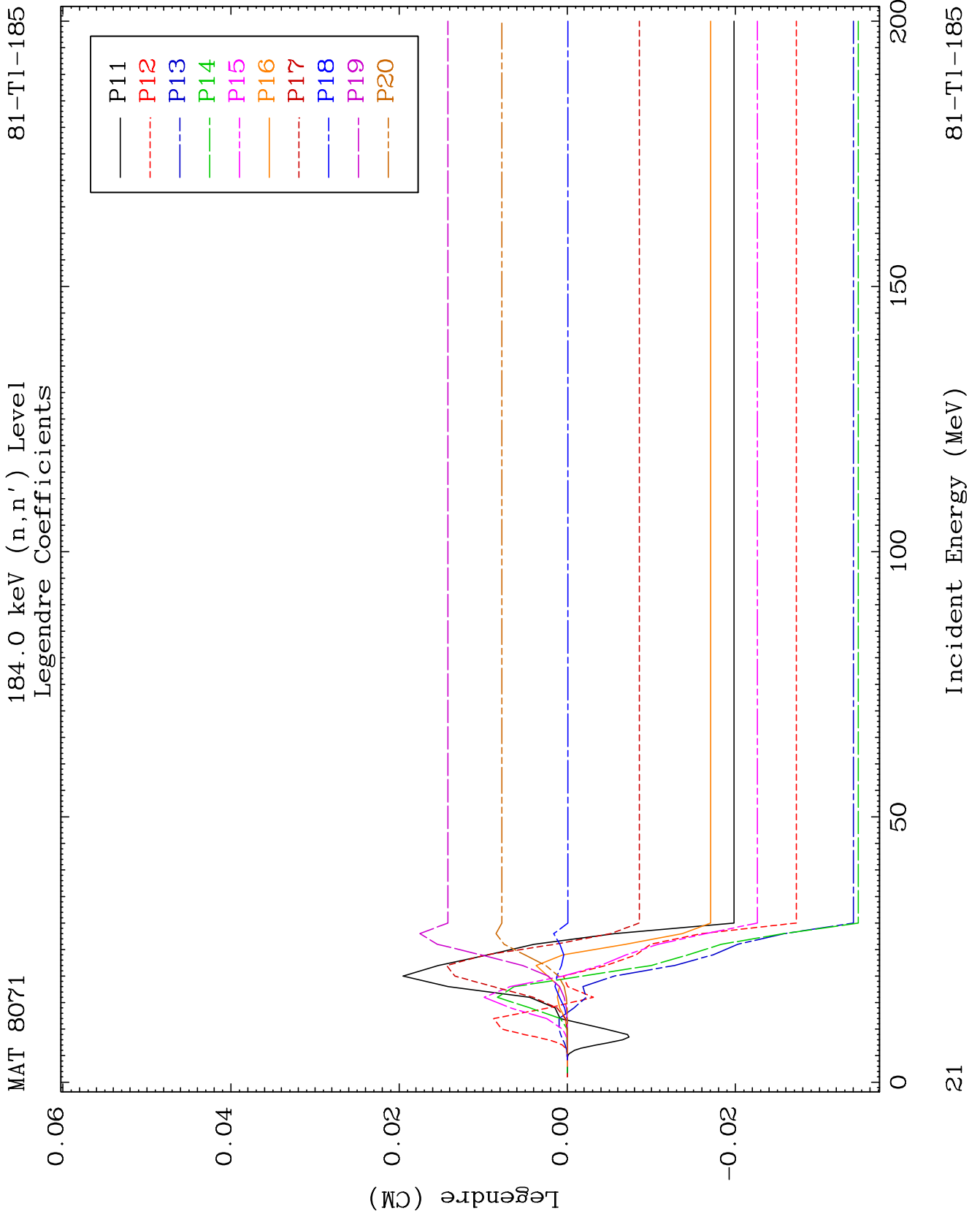
81-Tl-185



81-Tl-185

Incident Energy (MeV)

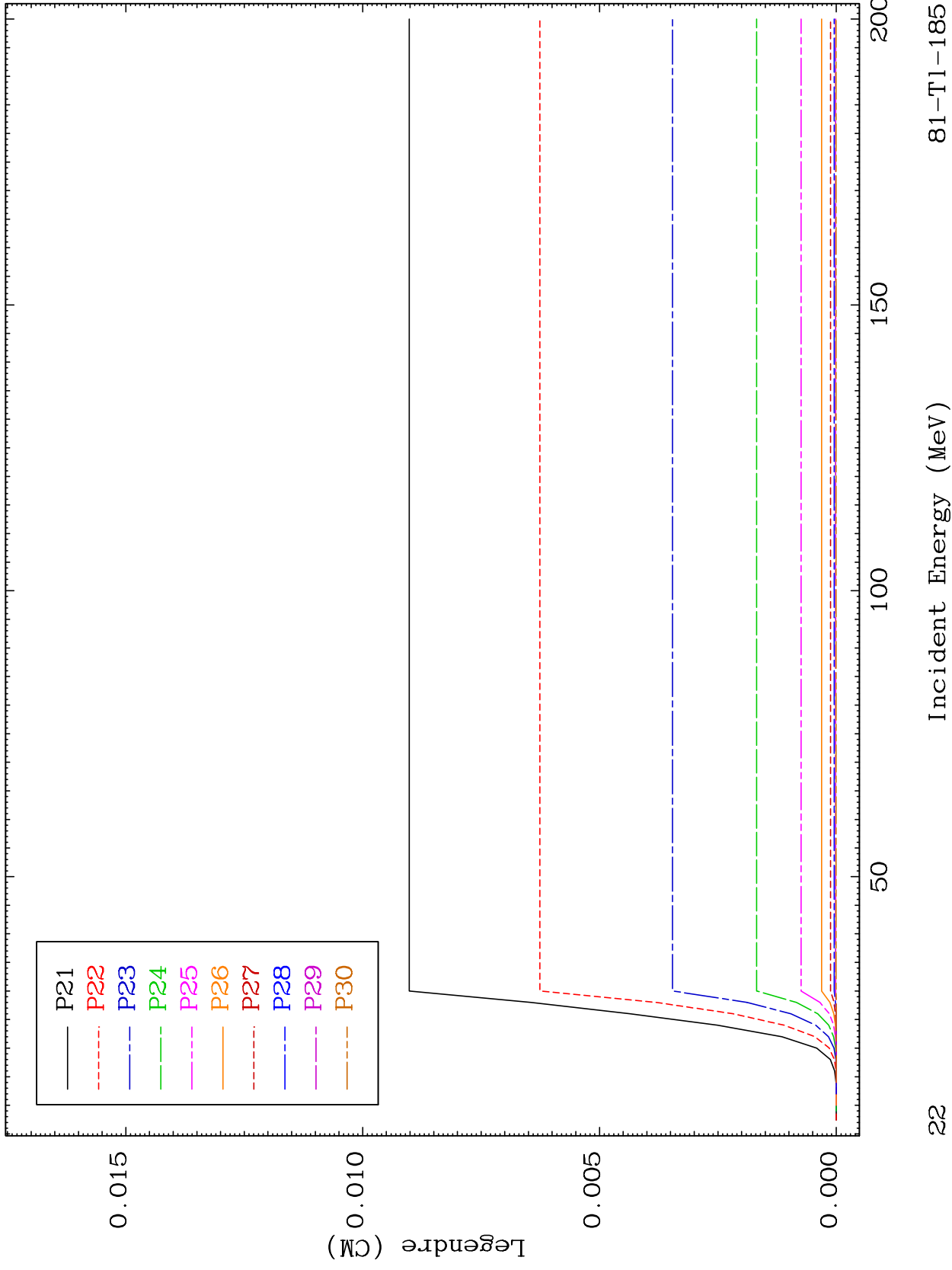
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MAT 8071

184.0 keV (n,n') Level
Legendre Coefficients

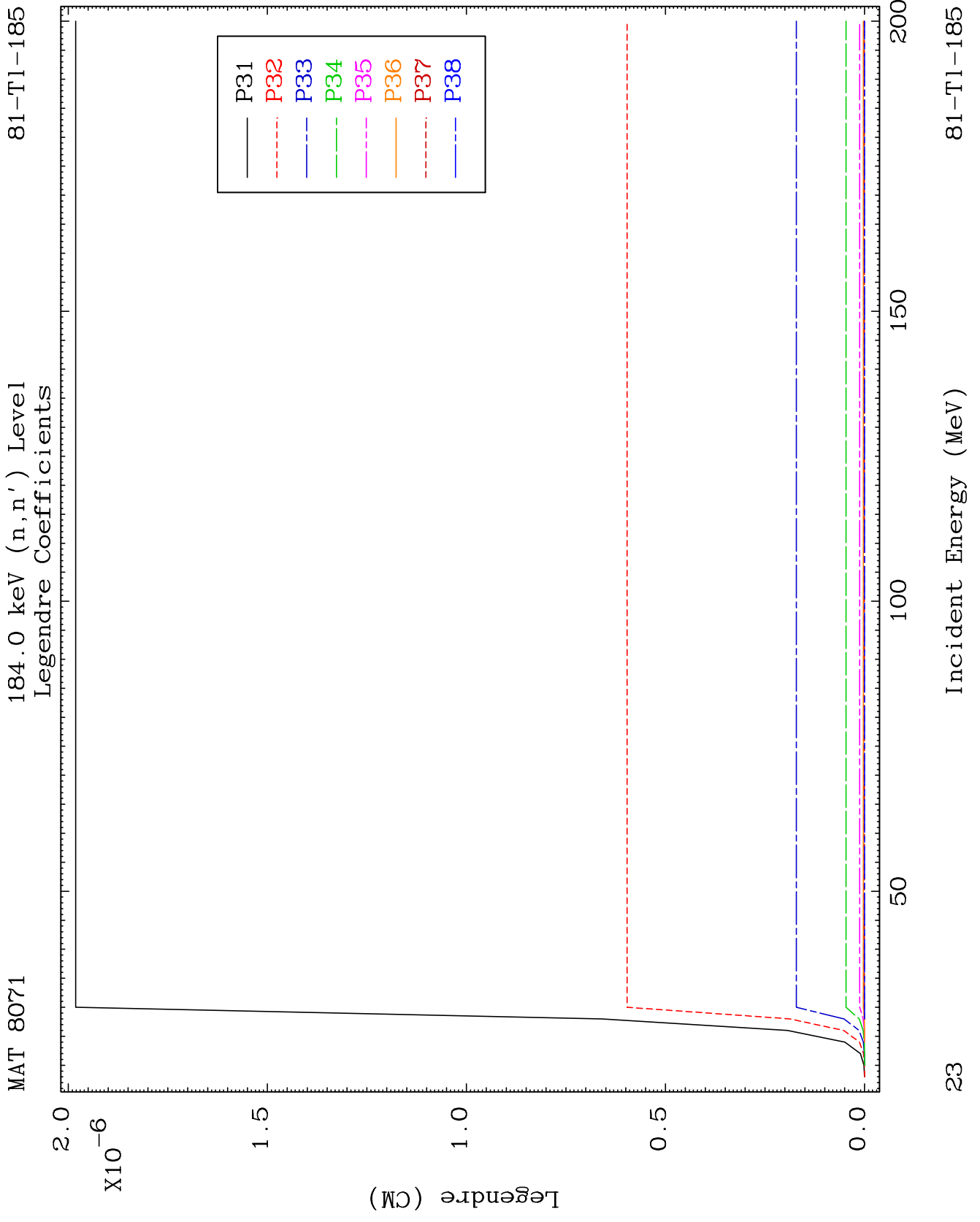
81-Tl-185



22

Incident Energy (MeV)

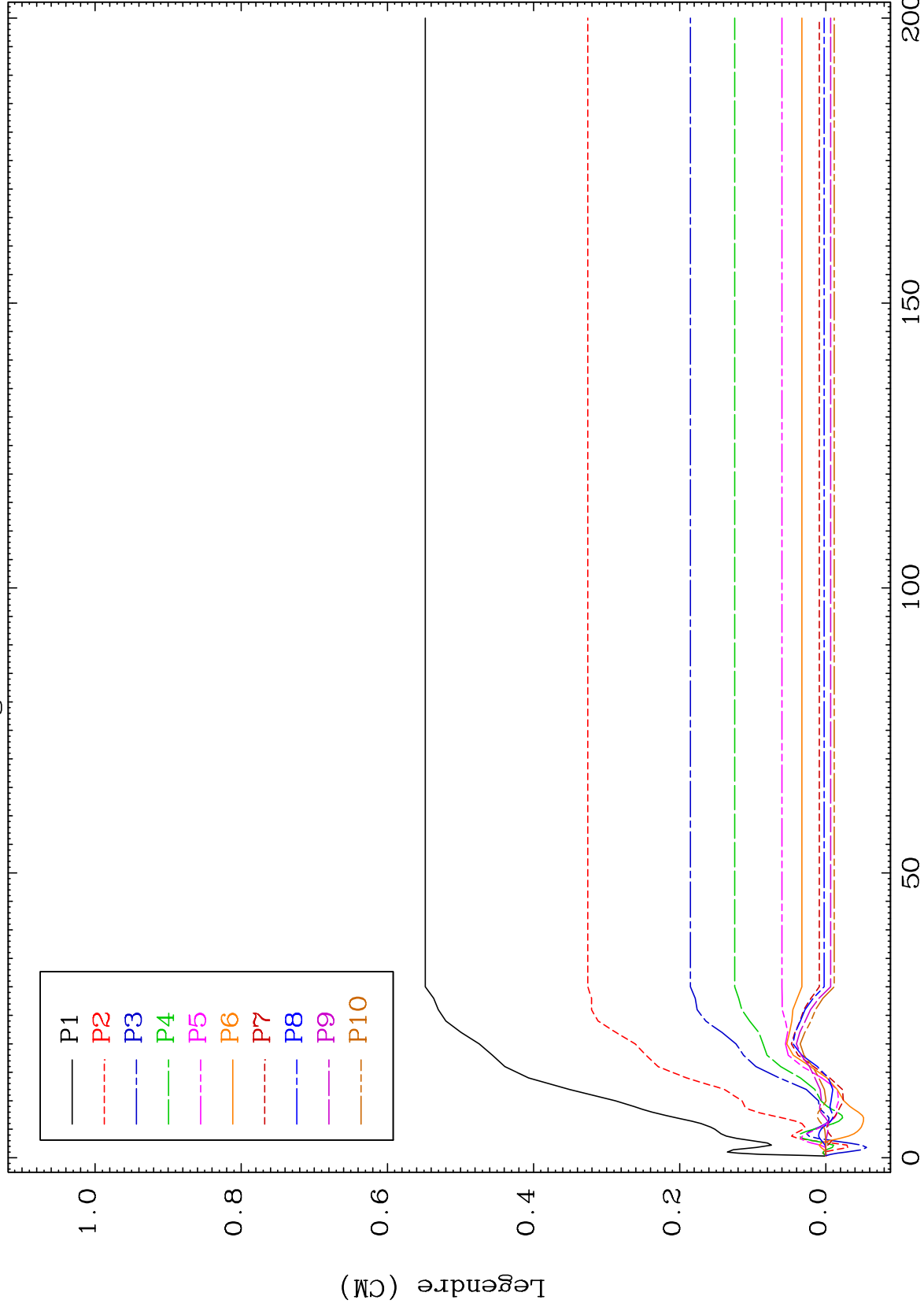
81-Tl-185



MAT 8071

286.0 keV (n,n') Level
Legendre Coefficients

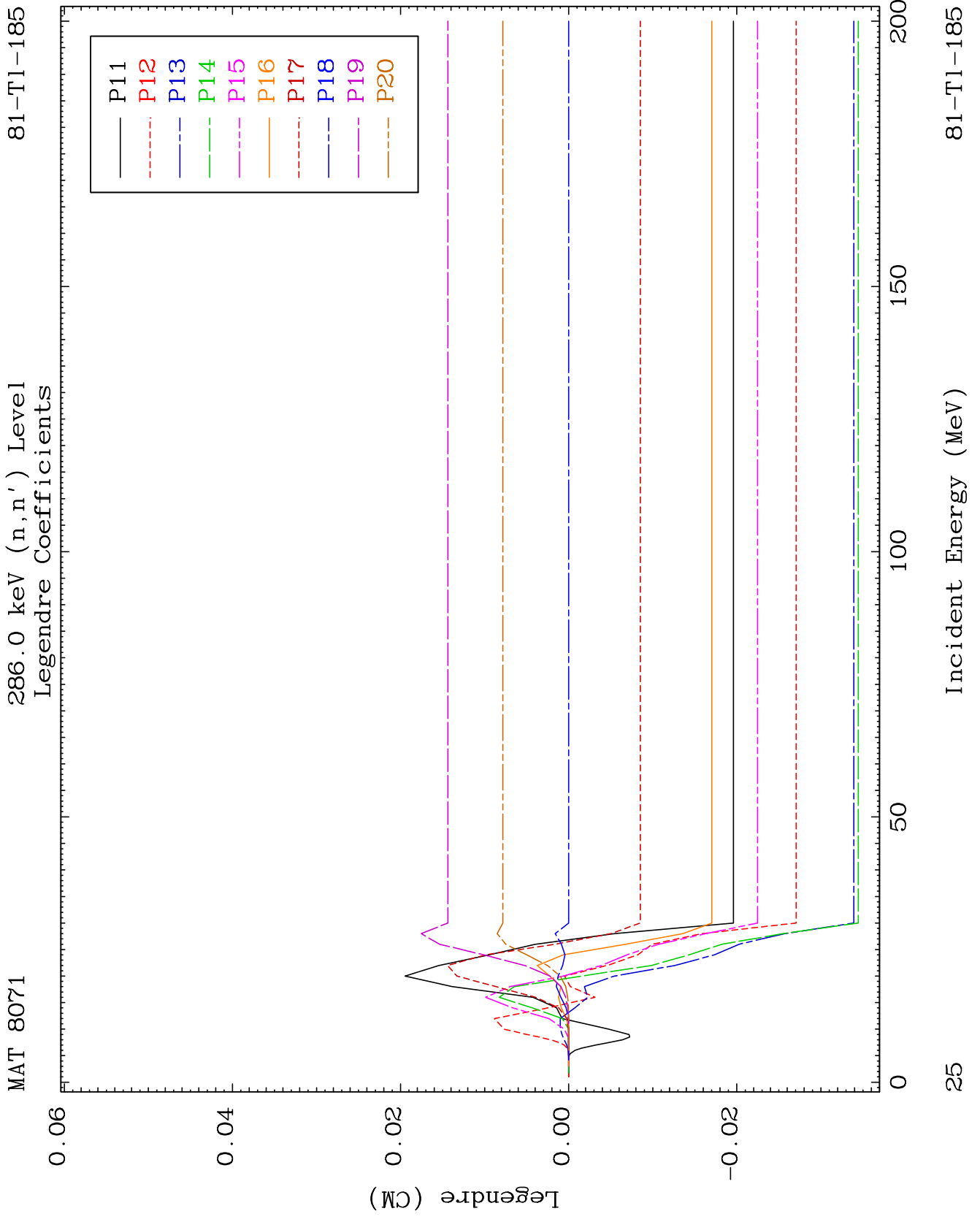
81-Tl-185



24

Incident Energy (MeV)

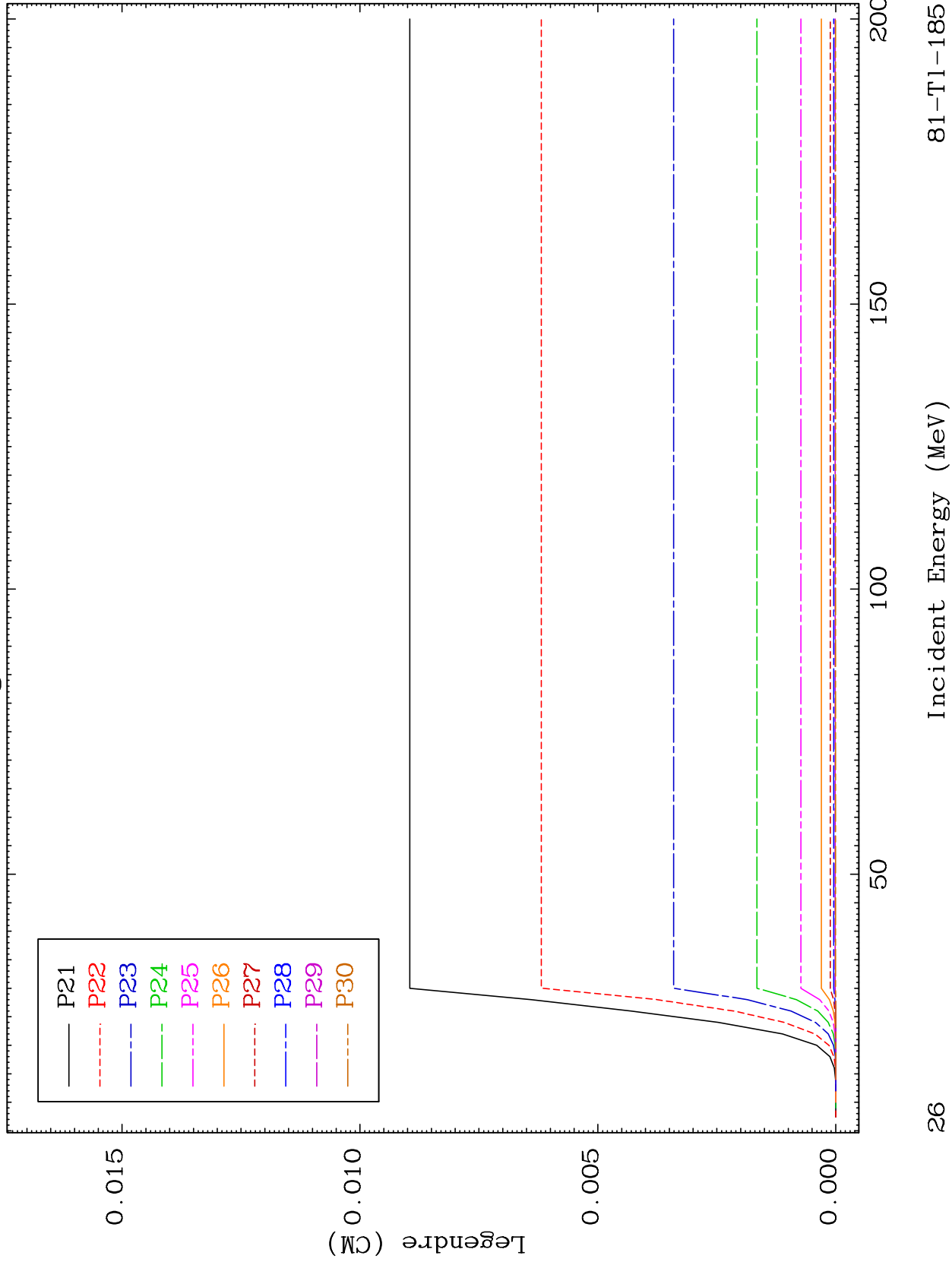
81-Tl-185



MAT 8071

286.0 keV (n,n') Level
Legendre Coefficients

81-Tl-185

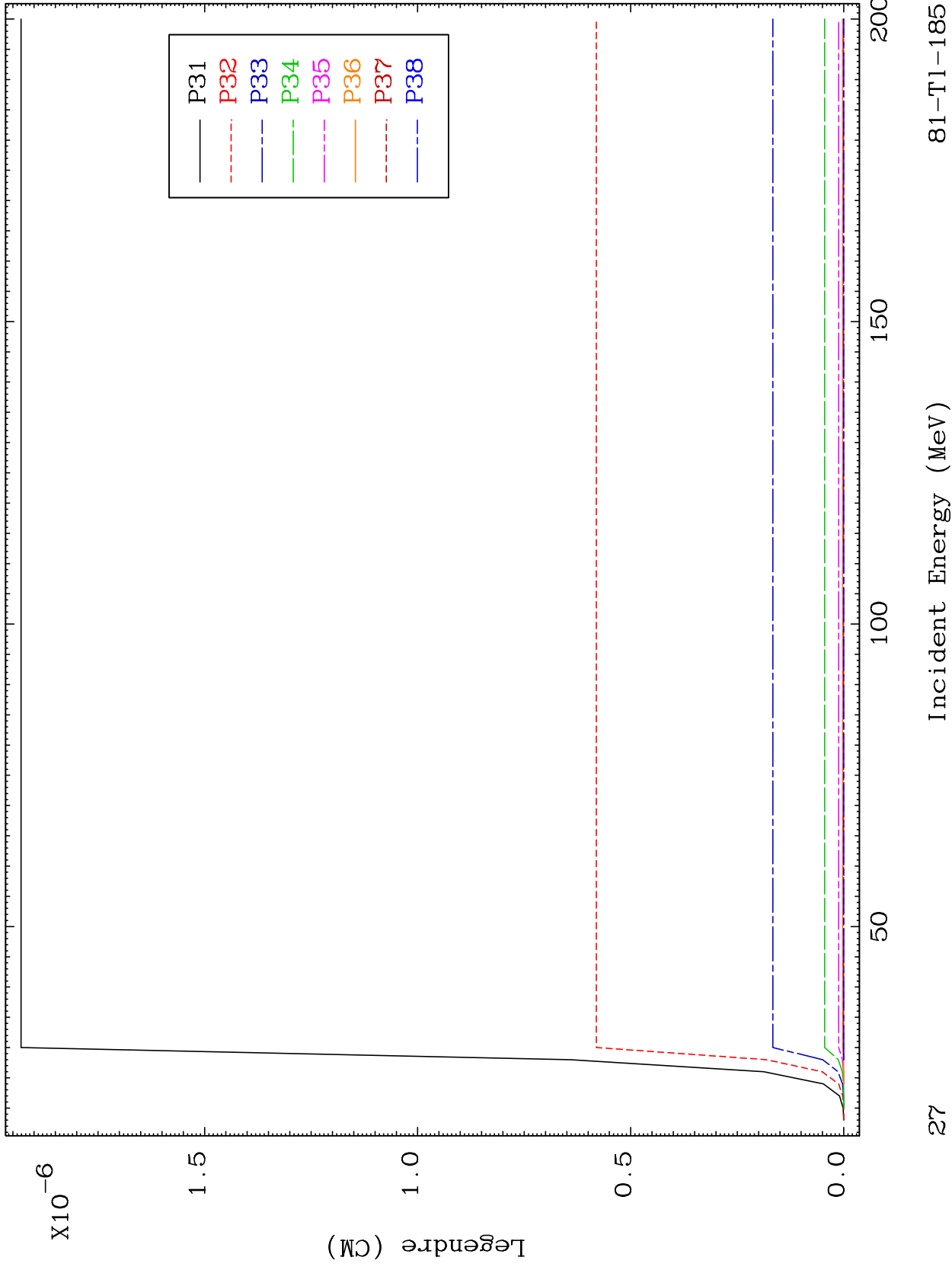


26

MAT 8071

286.0 keV (n,n') Level
Legendre Coefficients

81-Tl-185

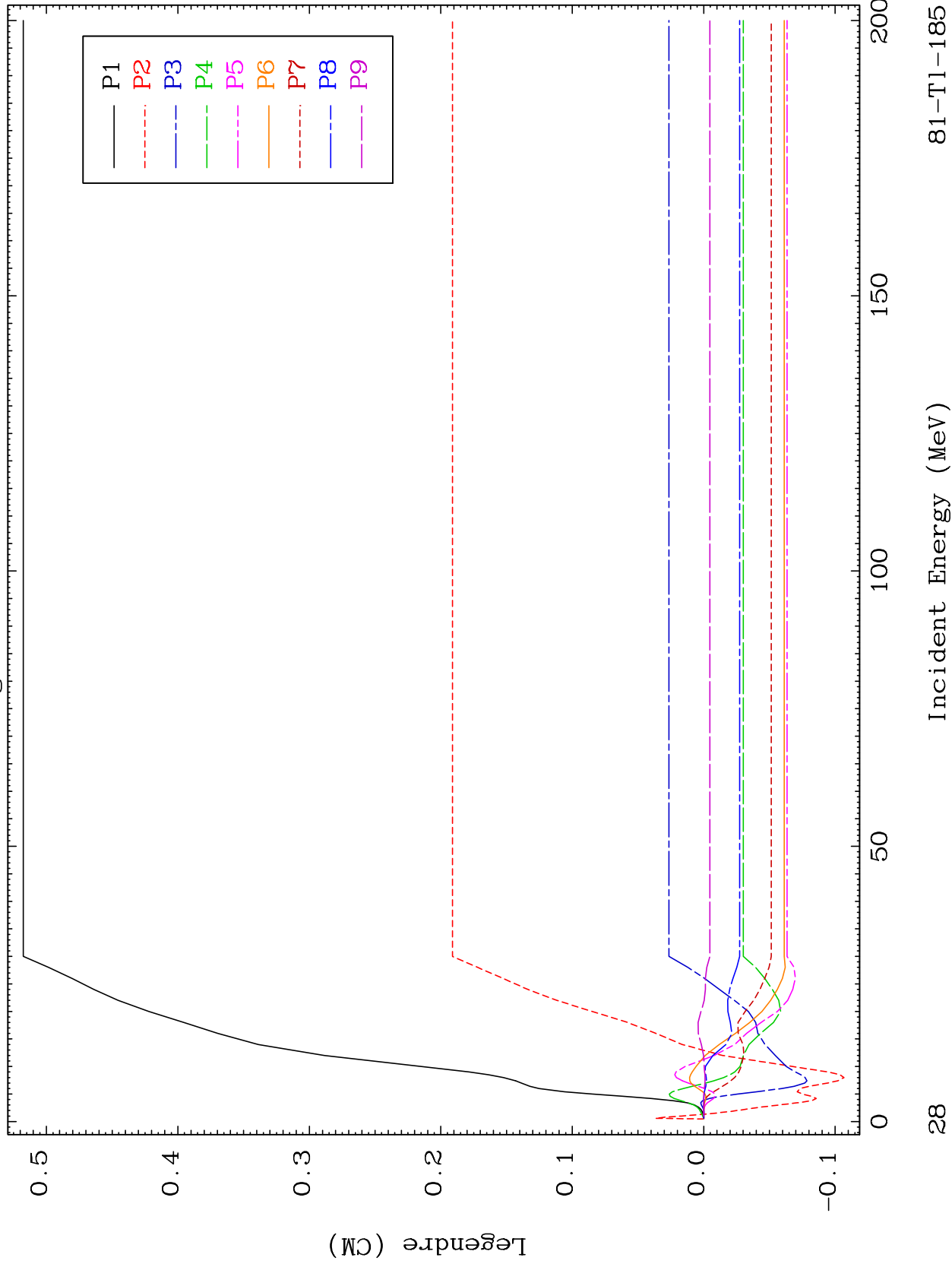


27

MAT 8071

454.8 keV (n,n') Level
Legendre Coefficients

81-Tl-185



81-Tl-185

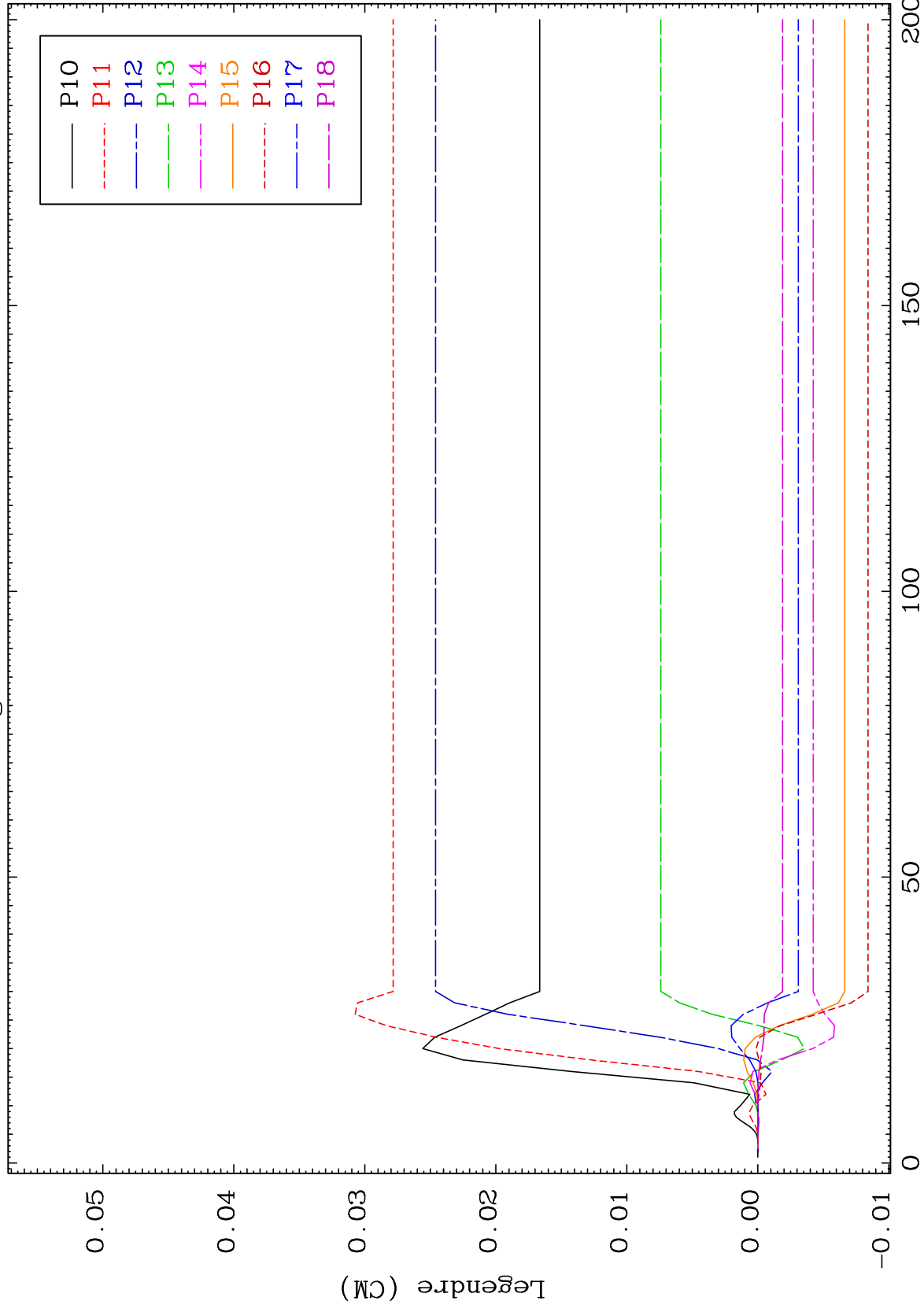
Incident Energy (MeV)

28

MAT 8071

454.8 keV (n,n') Level
Legendre Coefficients

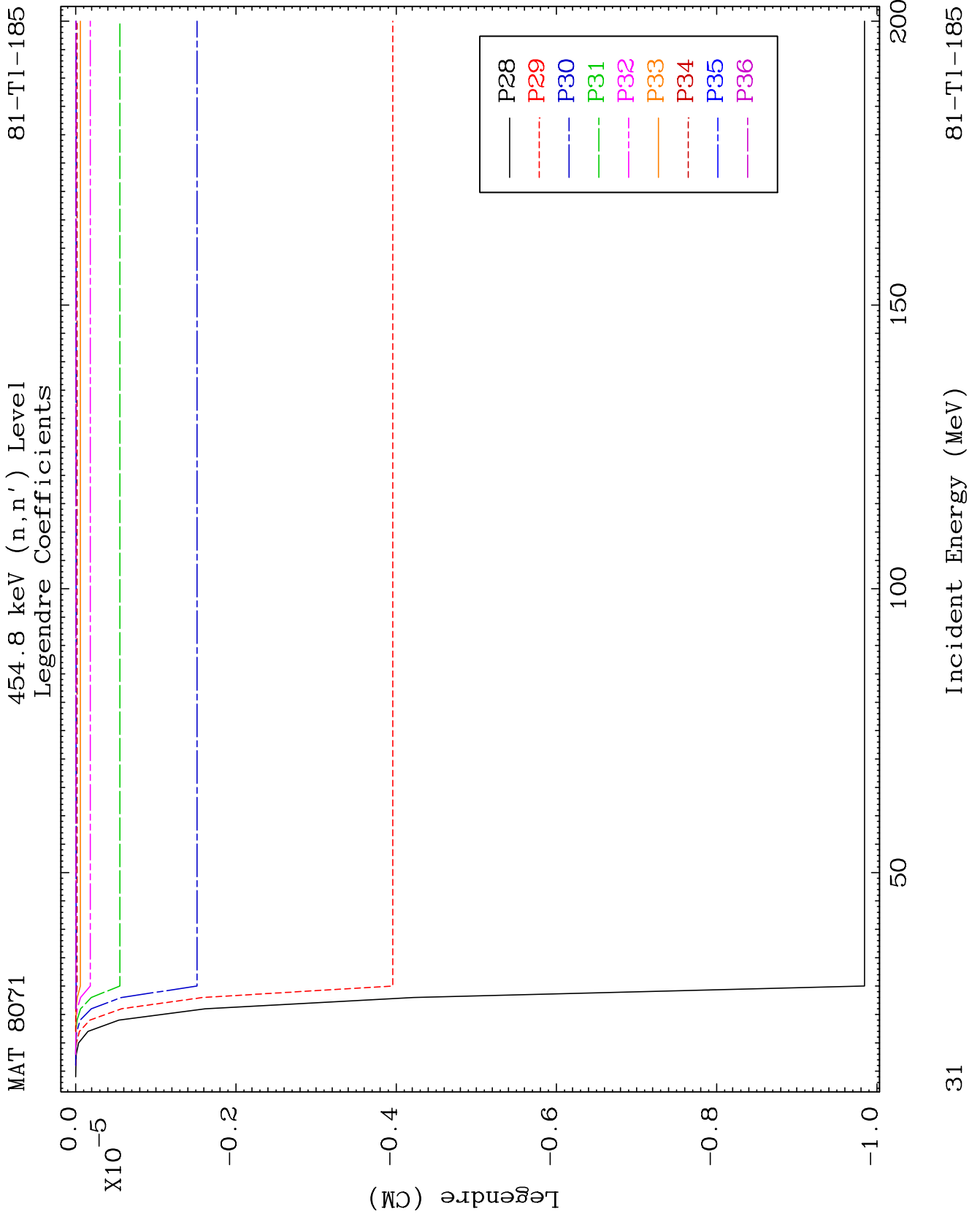
81-Tl-185



29

Incident Energy (MeV)

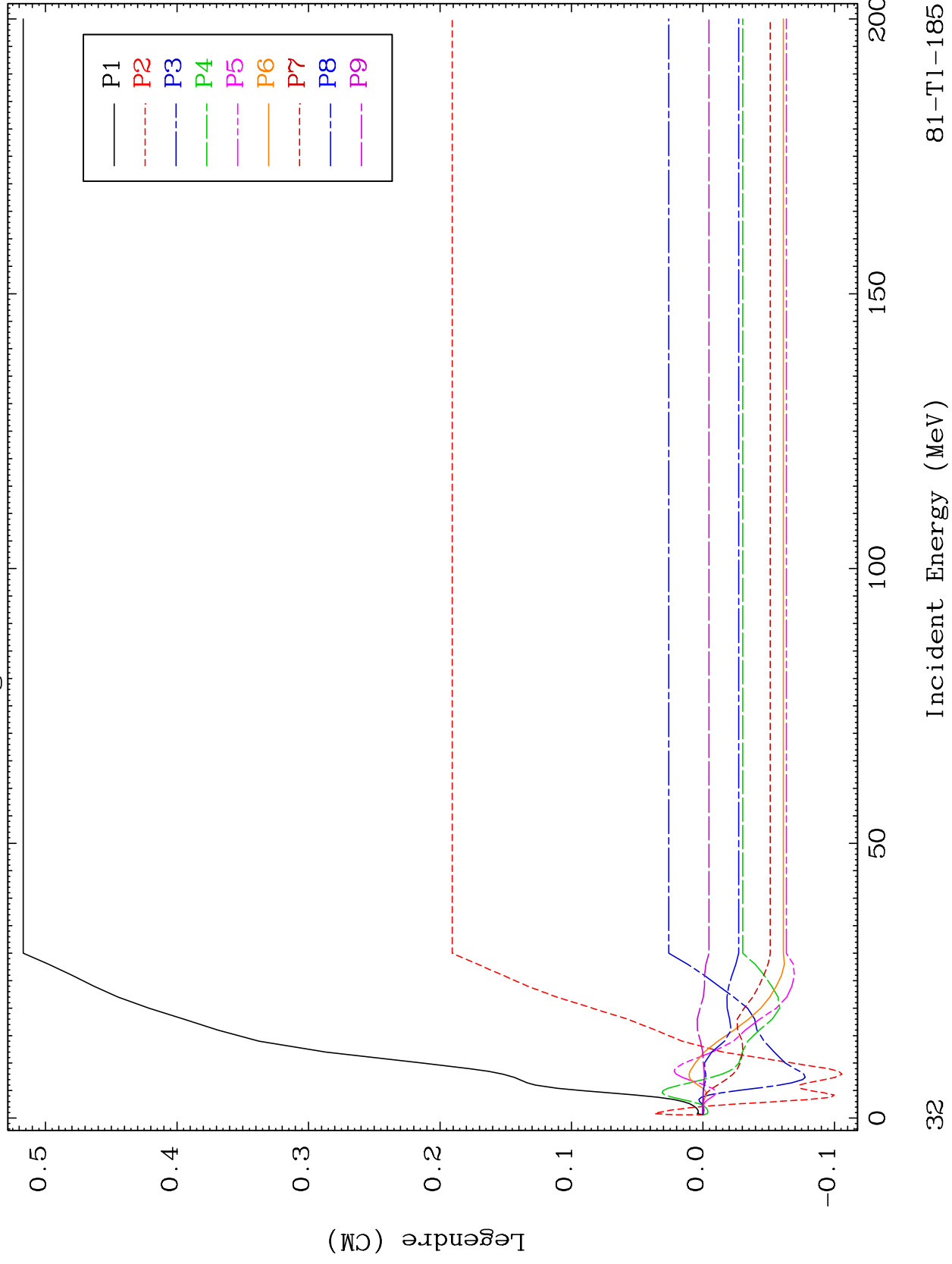
81-Tl-185



MAT 8071

578.0 keV (n,n') Level
Legendre Coefficients

81-Tl-185



81-Tl-185

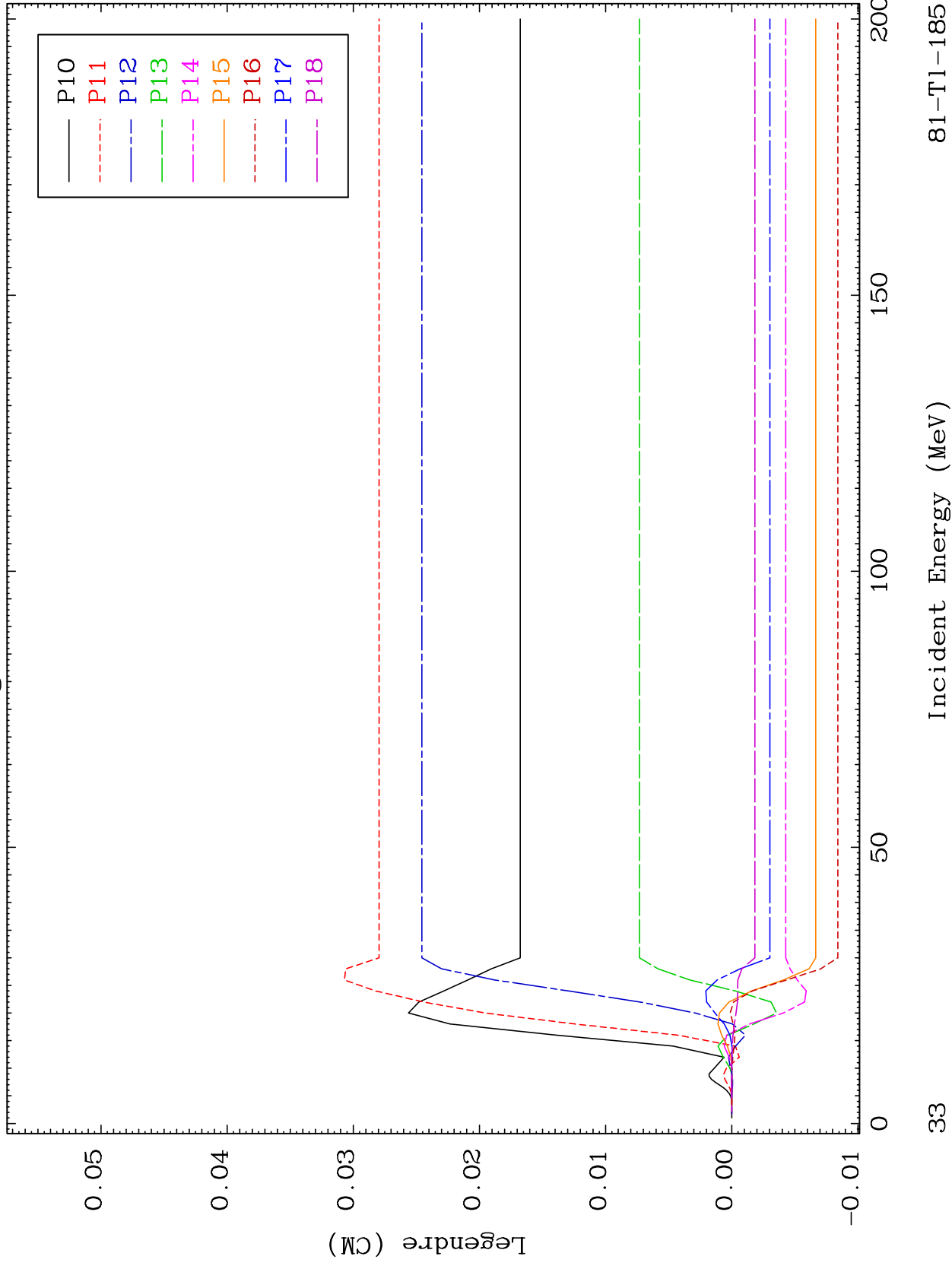
Incident Energy (MeV)

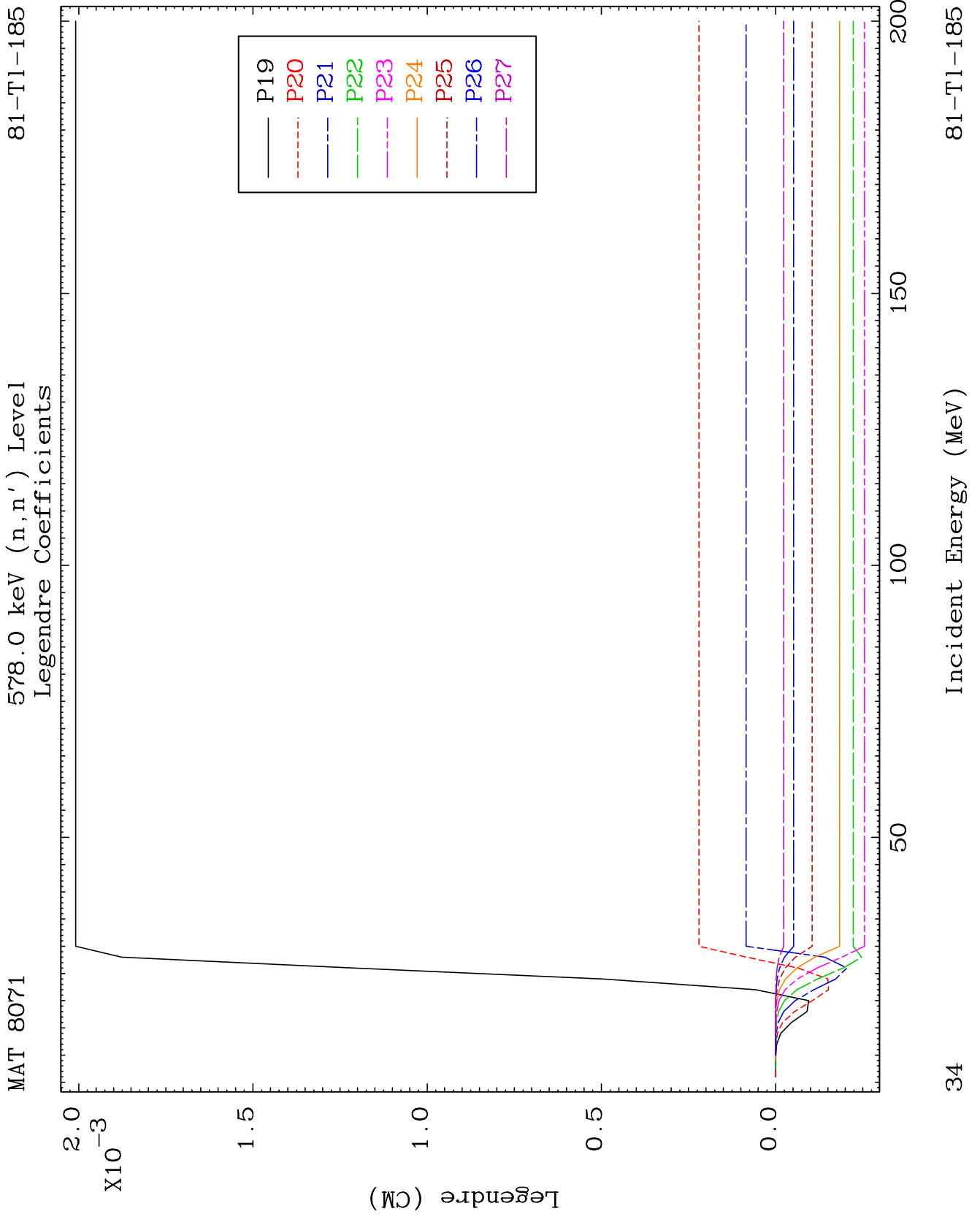
32

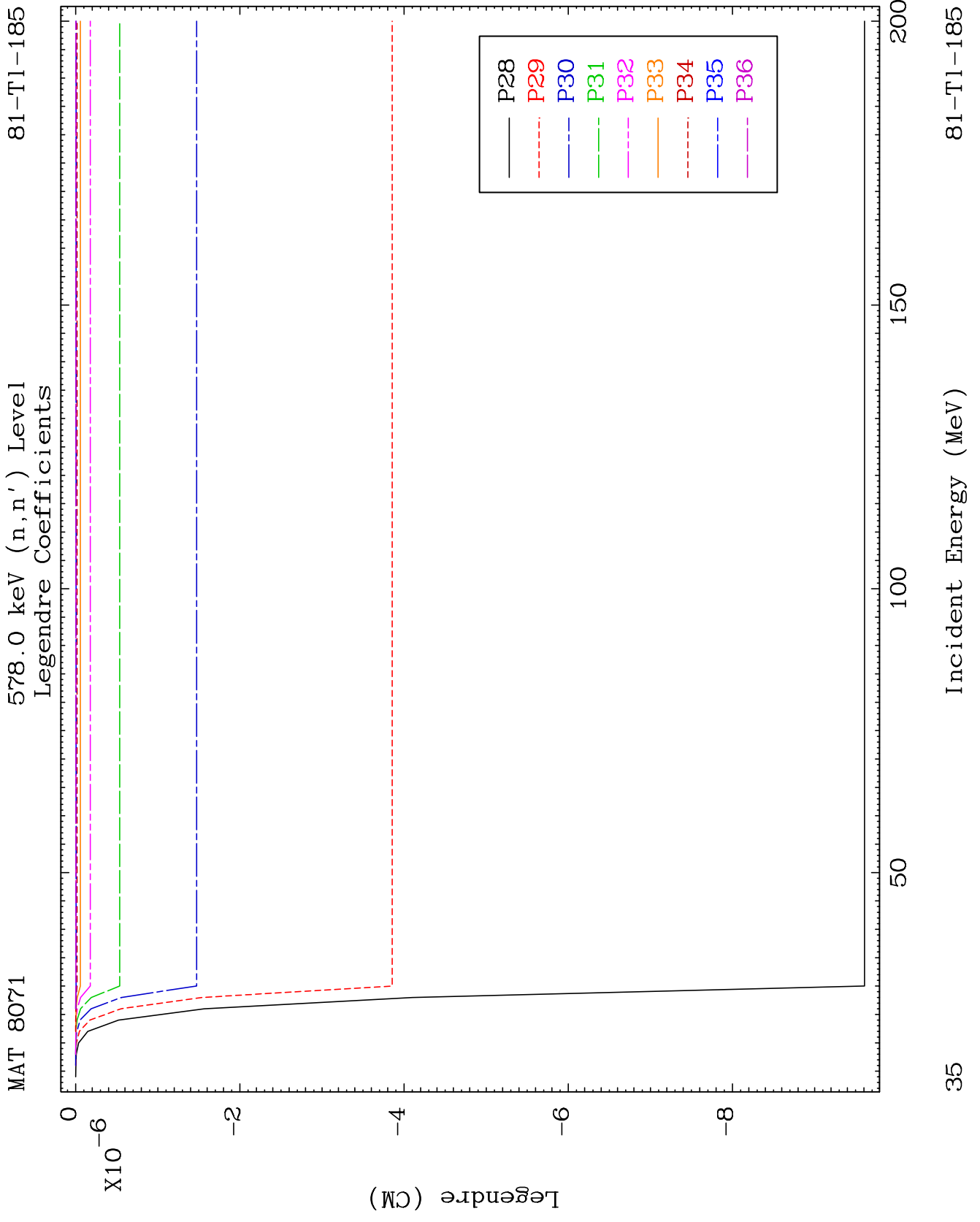
MAT 8071

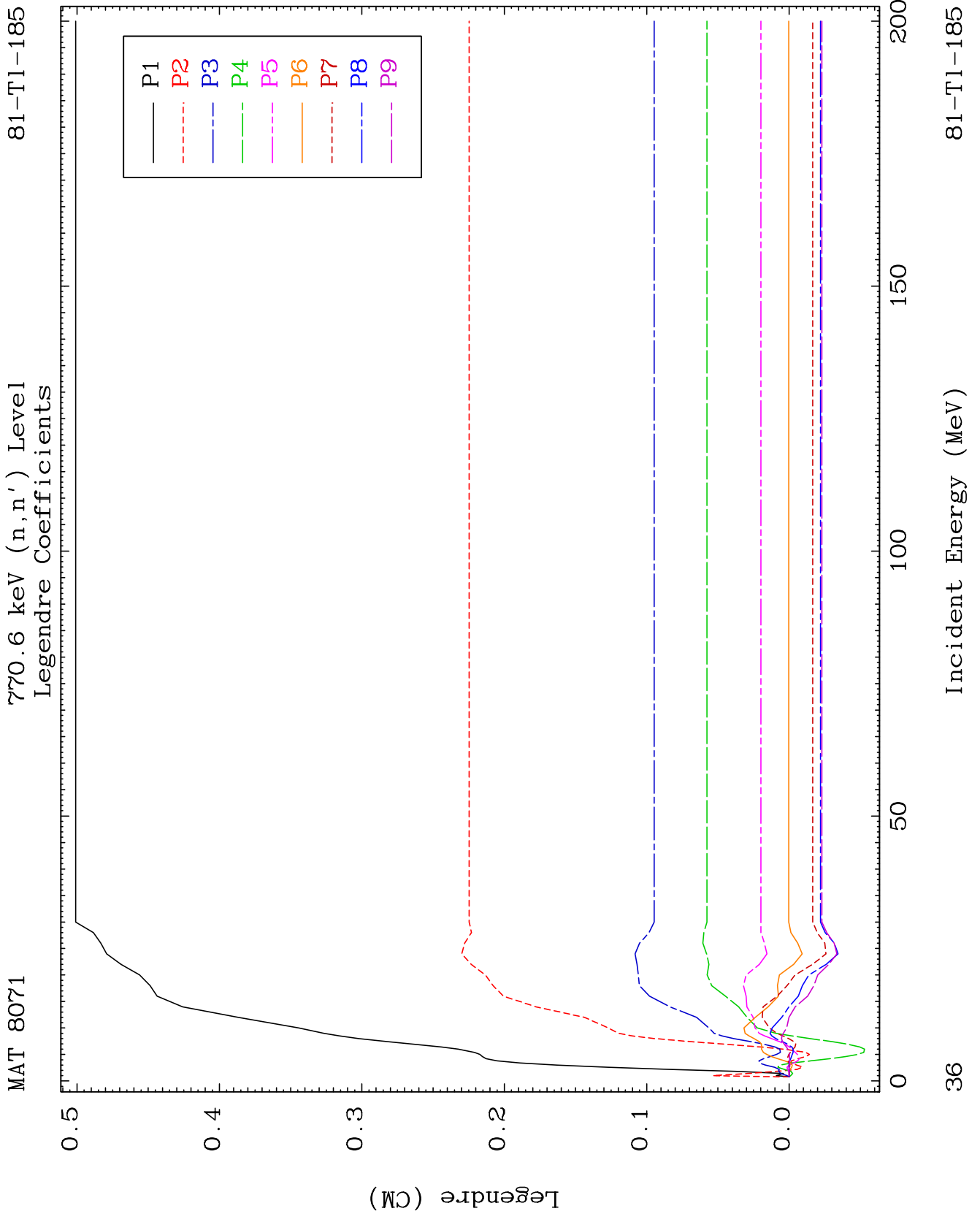
578.0 keV (n,n') Level
Legendre Coefficients

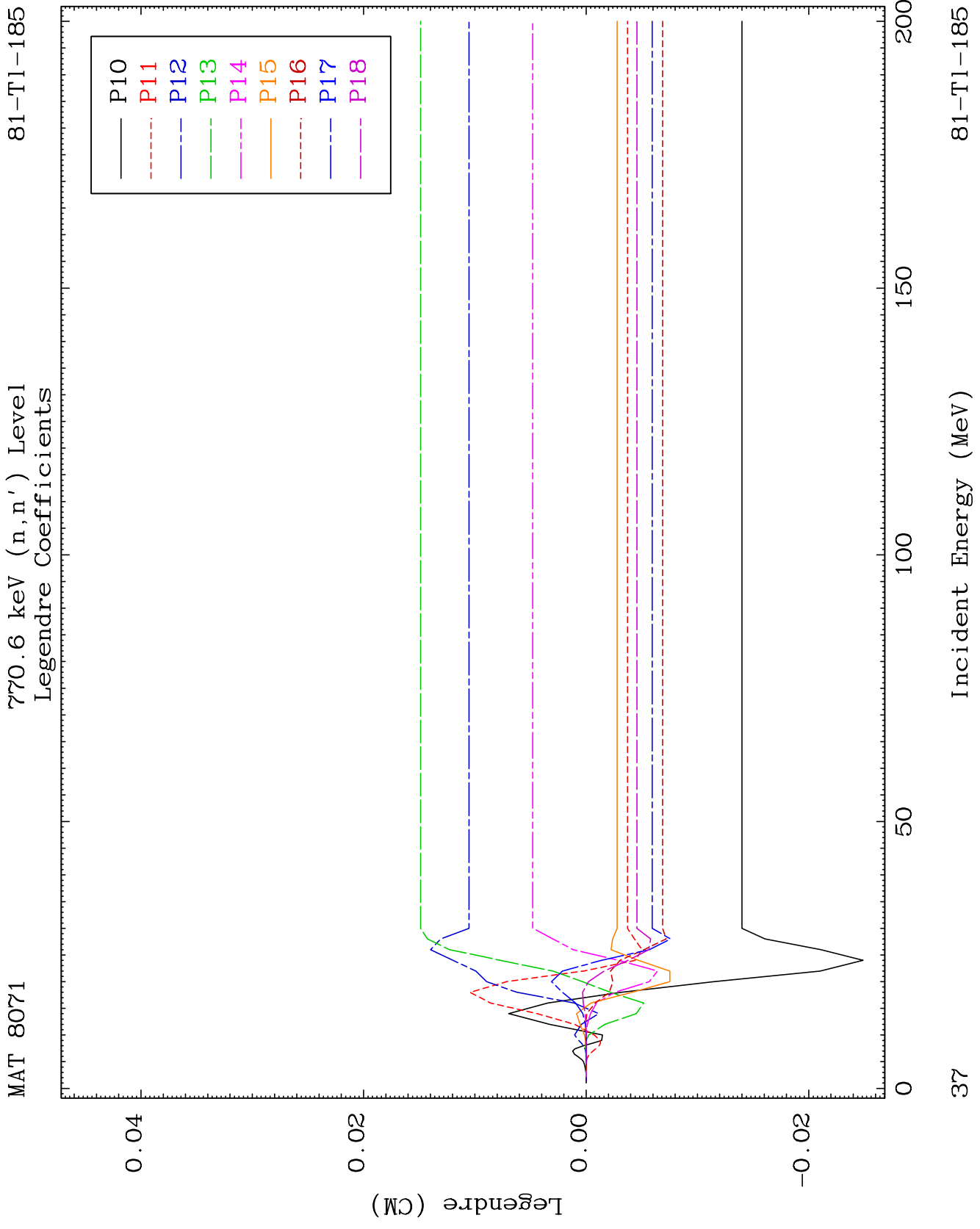
81-T1-185

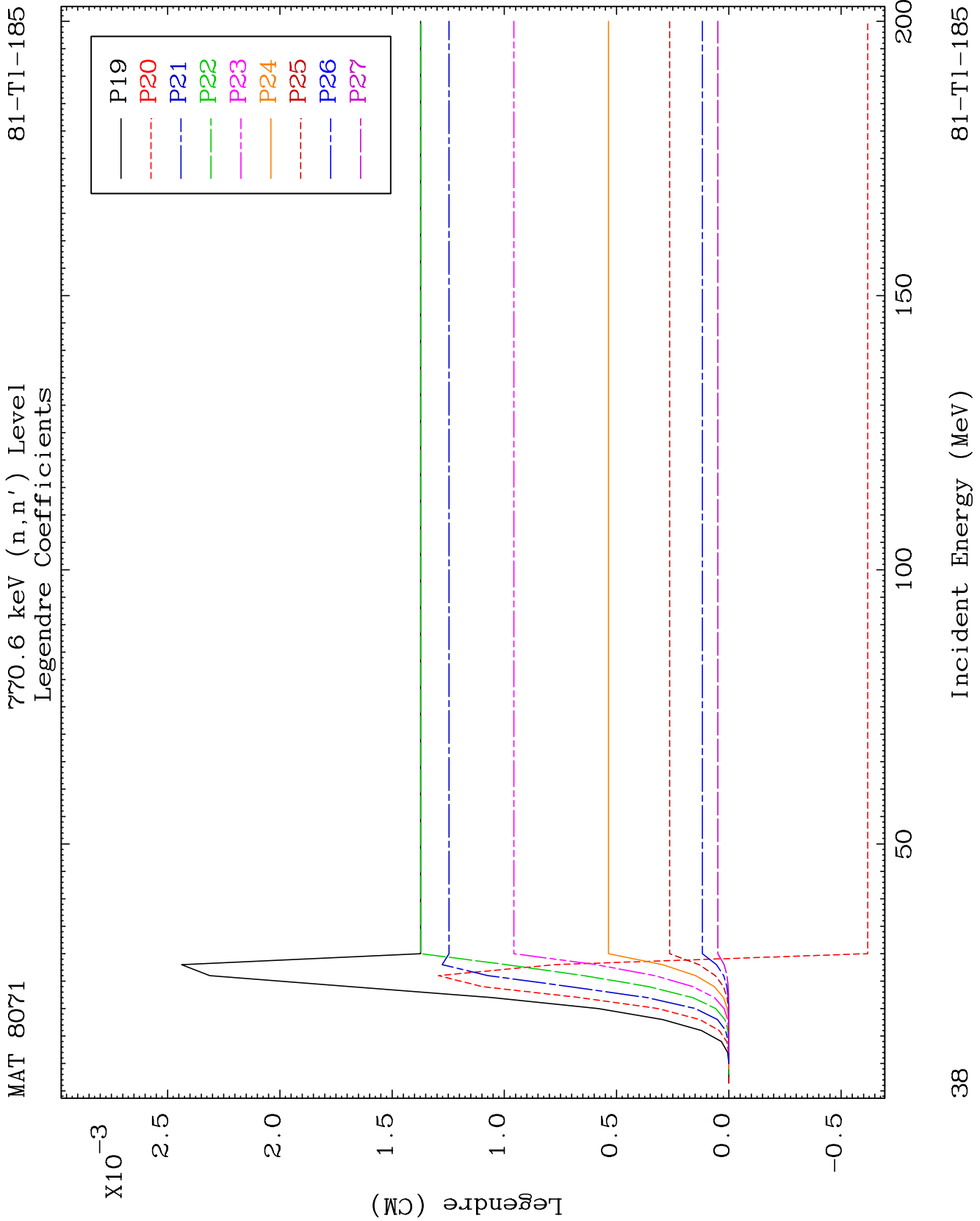








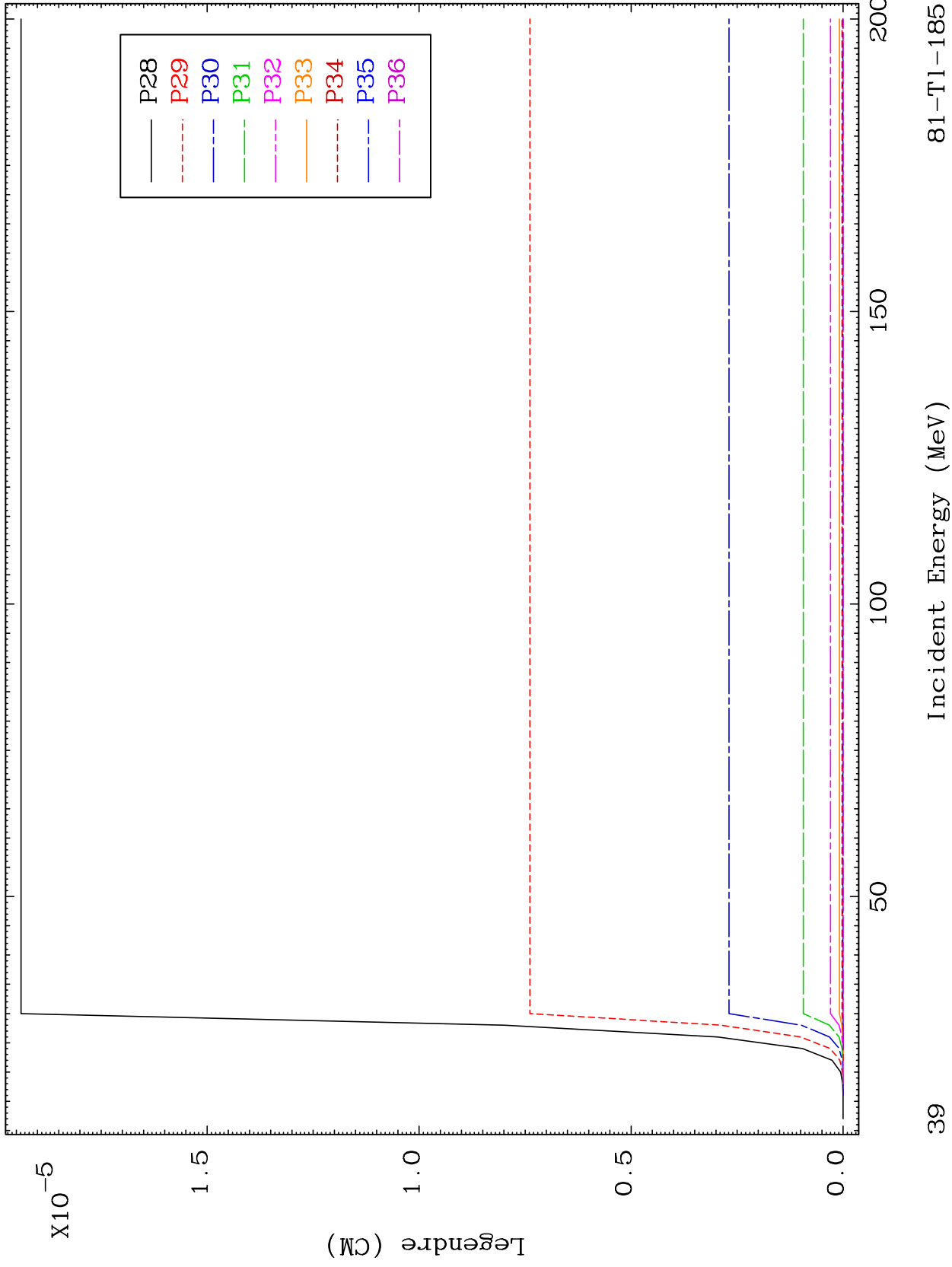


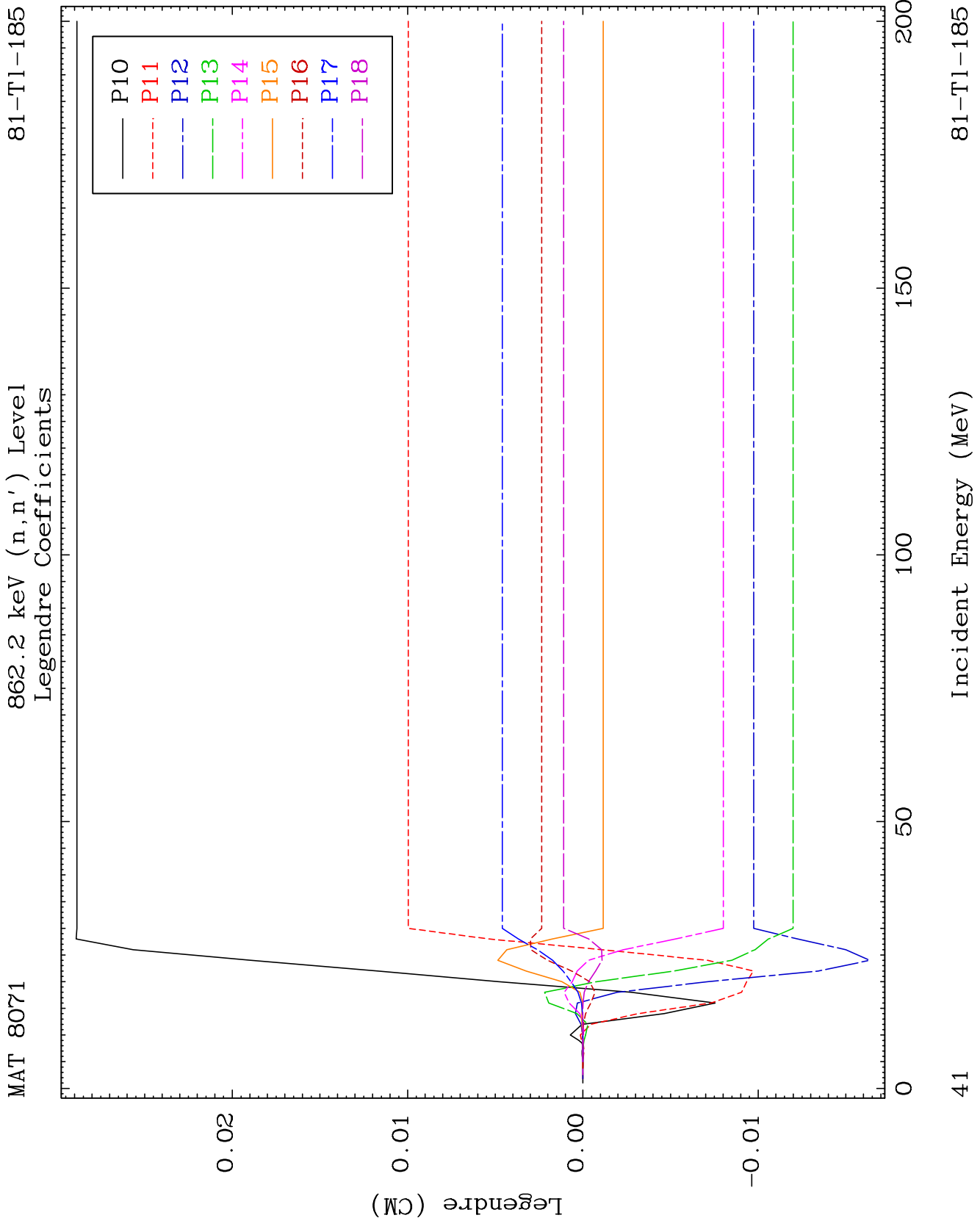


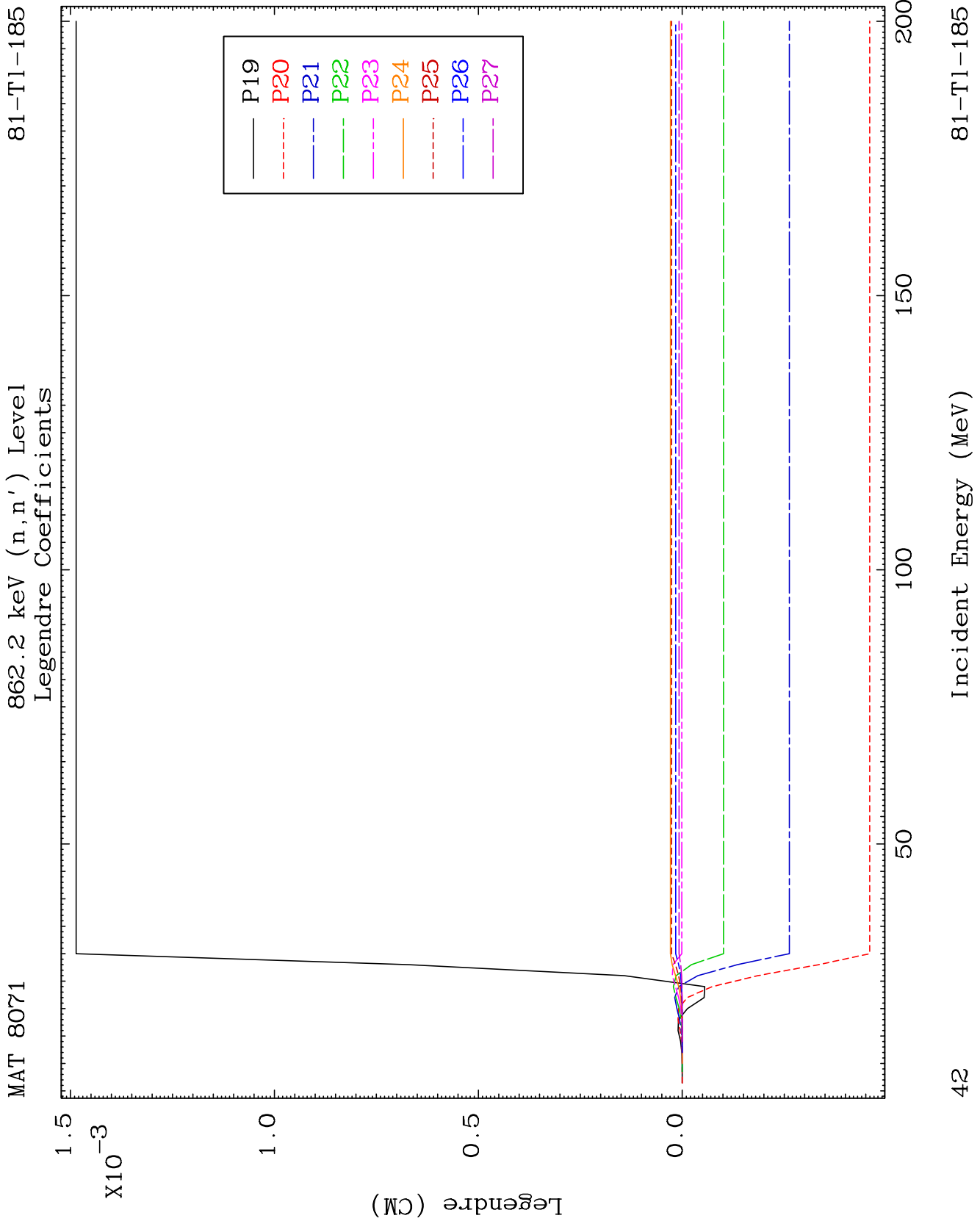
MAT 8071

770.6 keV (n,n') Level
Legendre Coefficients

81-T1-185



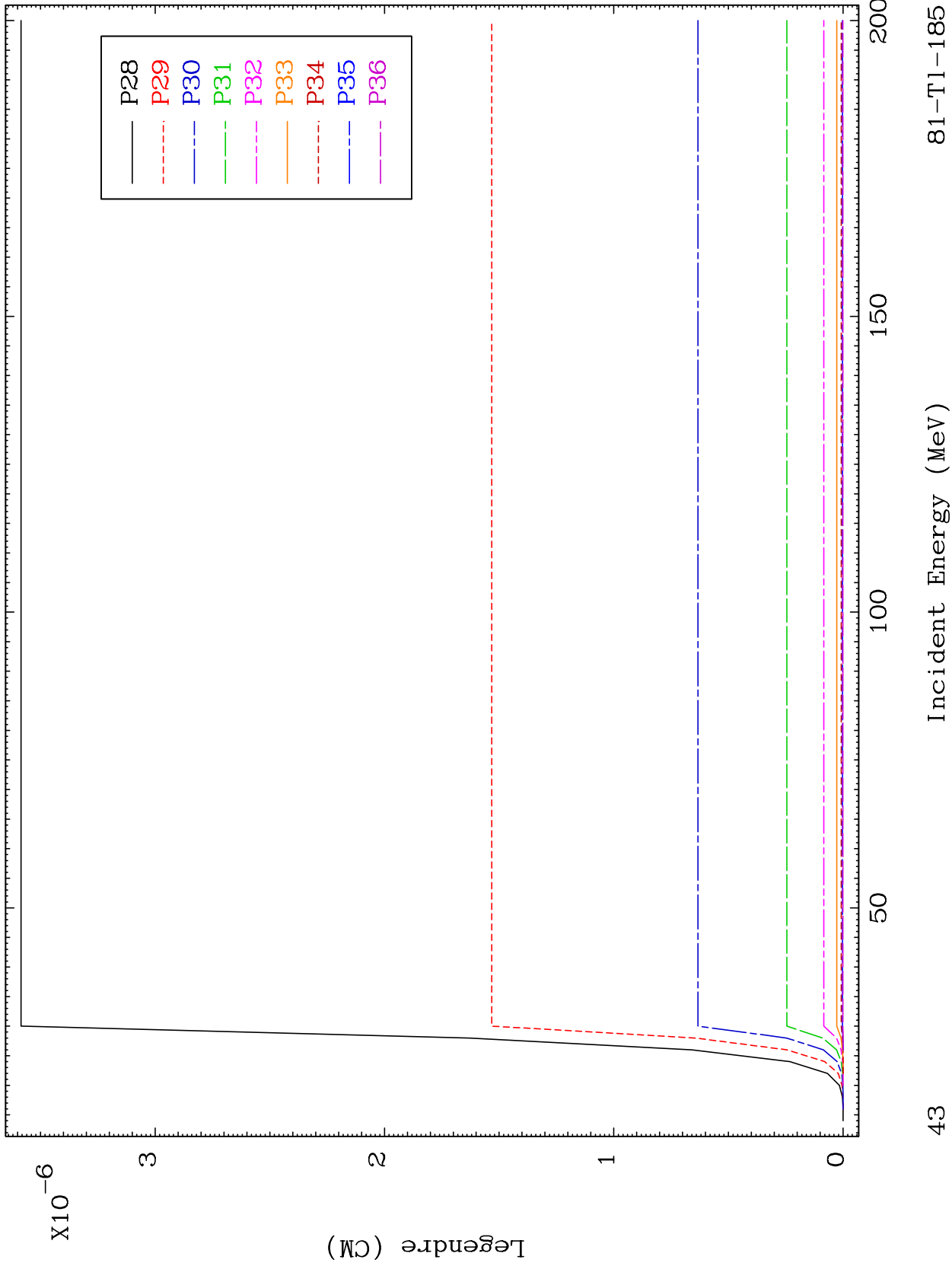




MAT 8071

862.2 keV (n,n') Level
Legendre Coefficients

81-T1-185



43

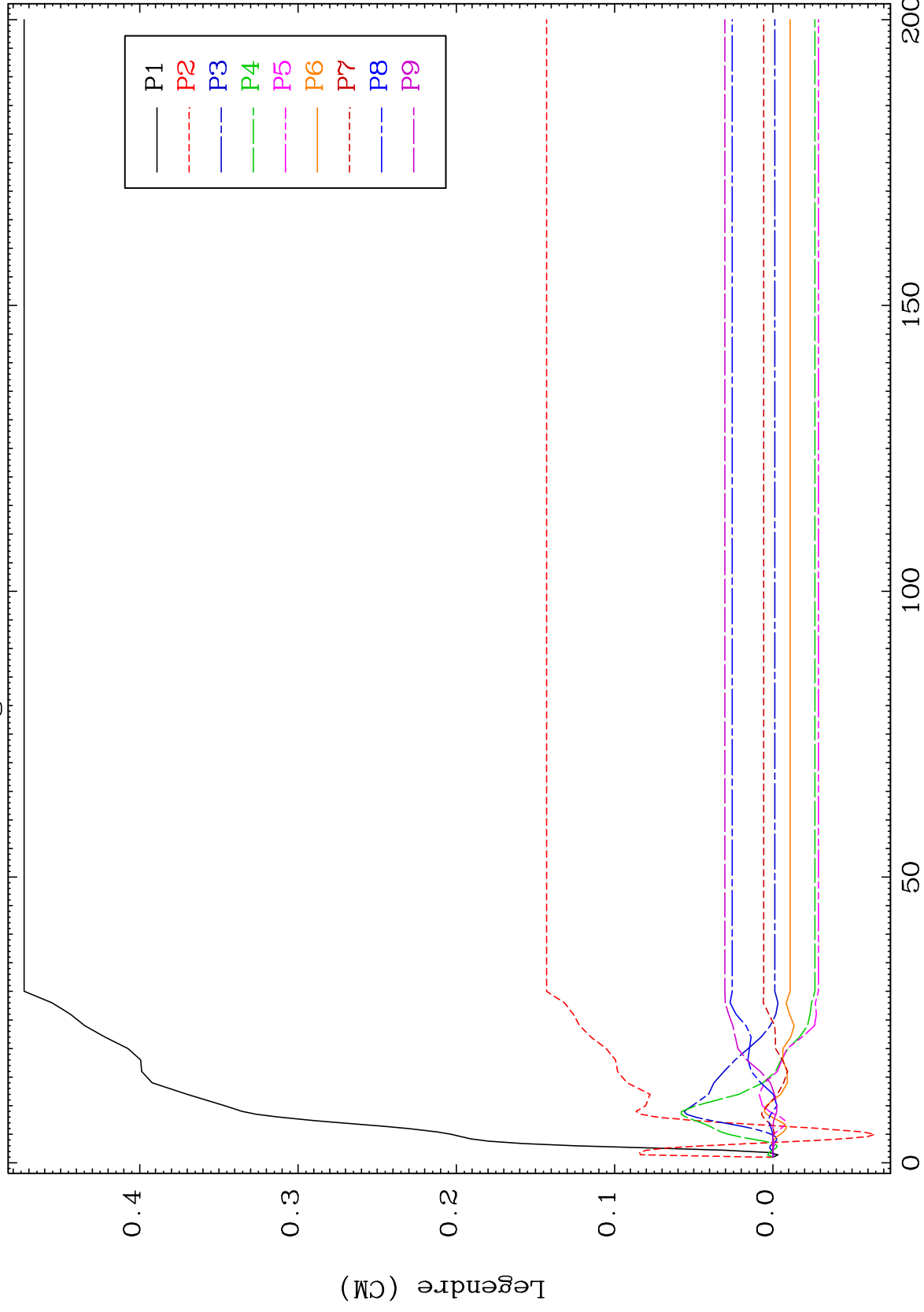
Incident Energy (MeV)

81-T1-185

MAT 8071

983.3 keV (n,n') Level
Legendre Coefficients

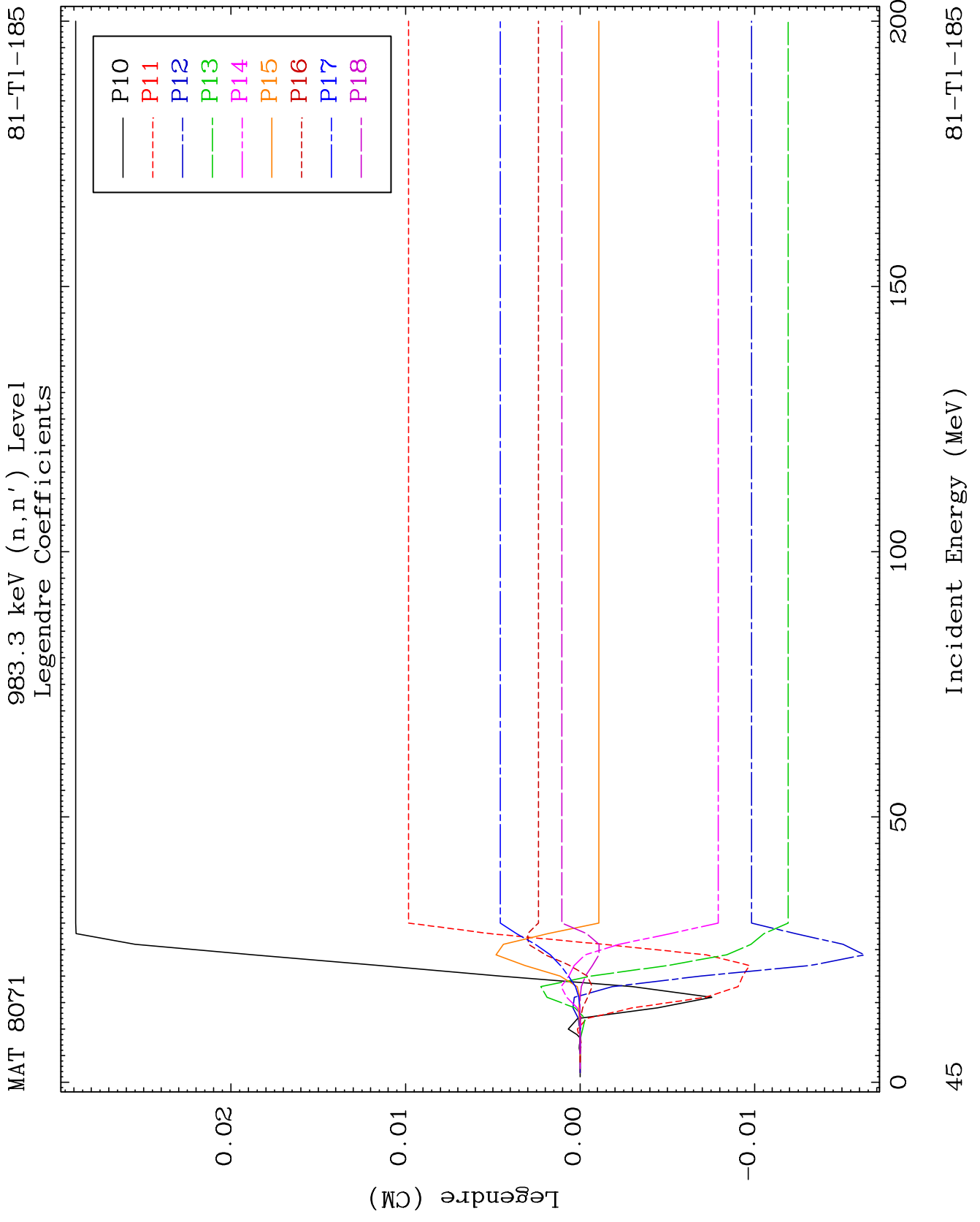
81-T1-185



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Incident Energy (MeV)

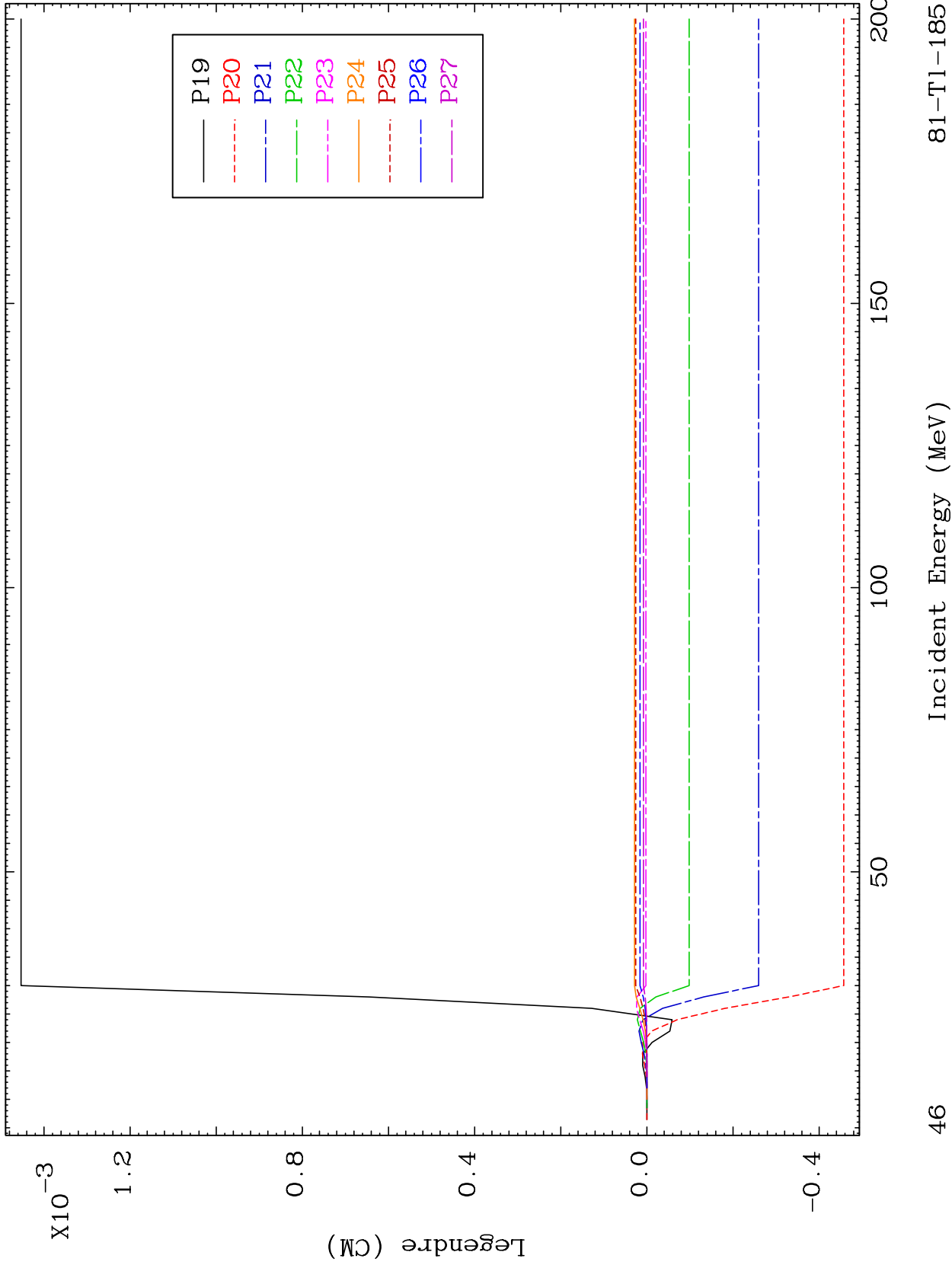
81-T1-185



MAT 8071

983.3 keV (n,n') Level
Legendre Coefficients

81-Tl-185



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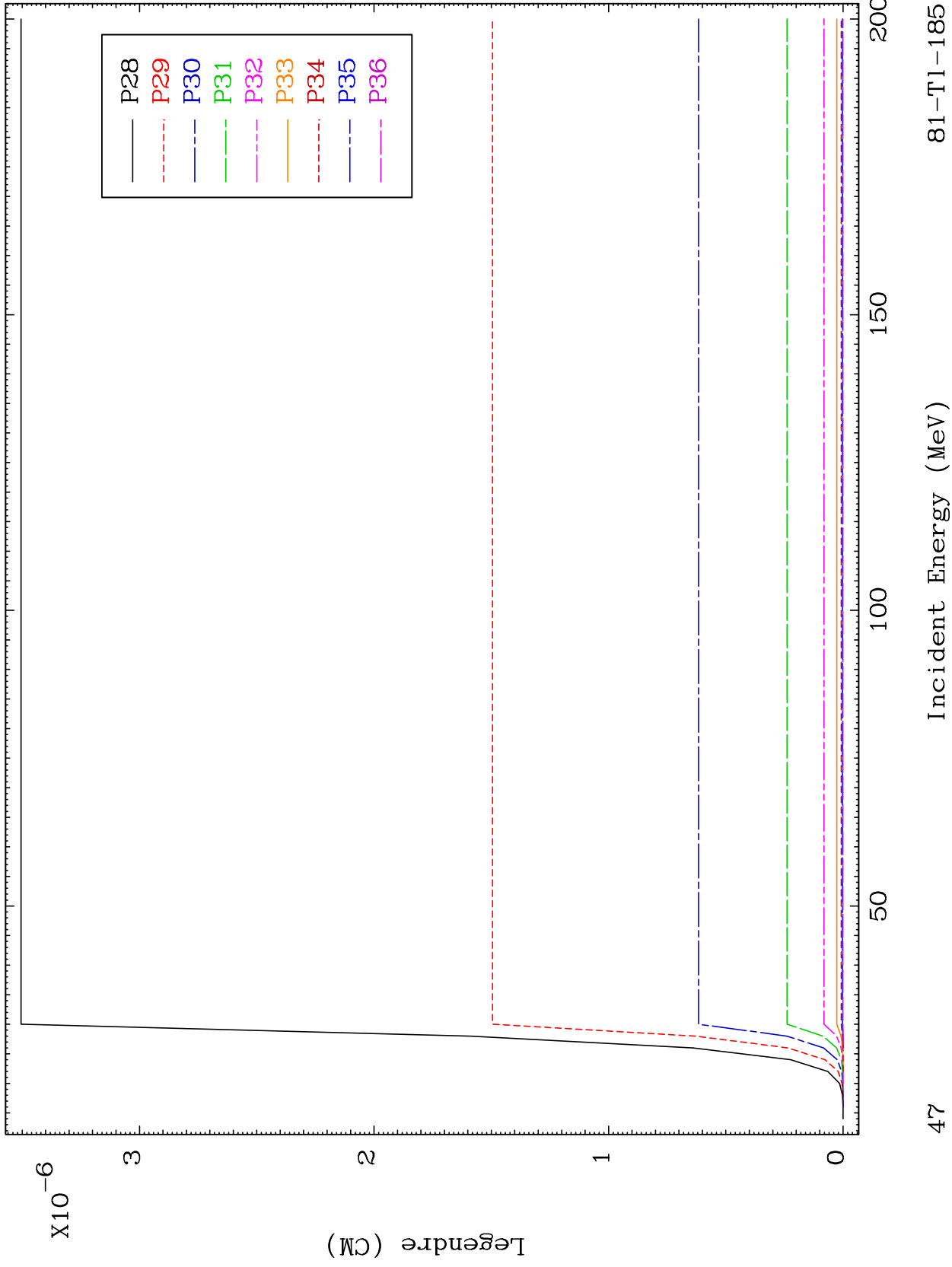
Incident Energy (MeV)

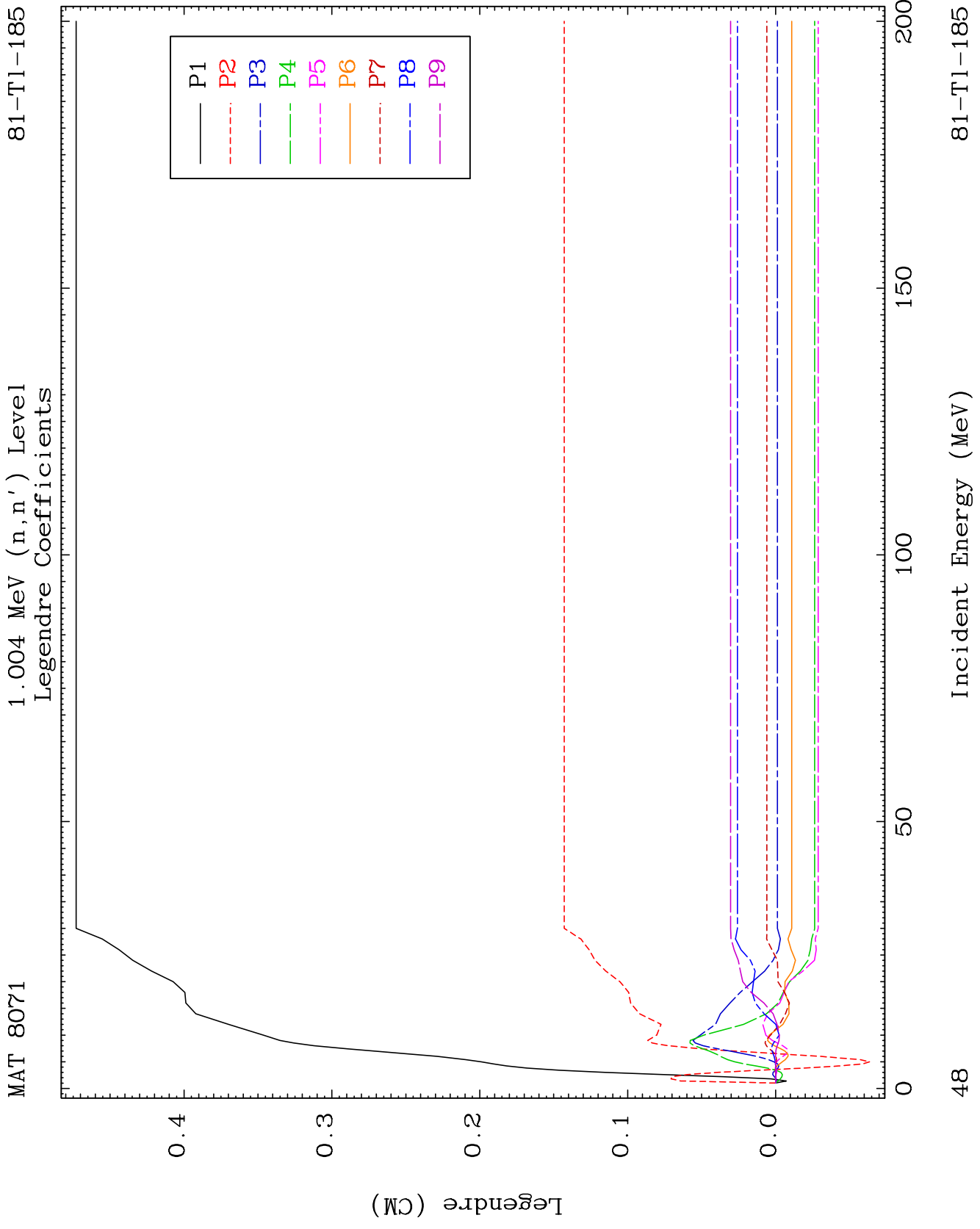
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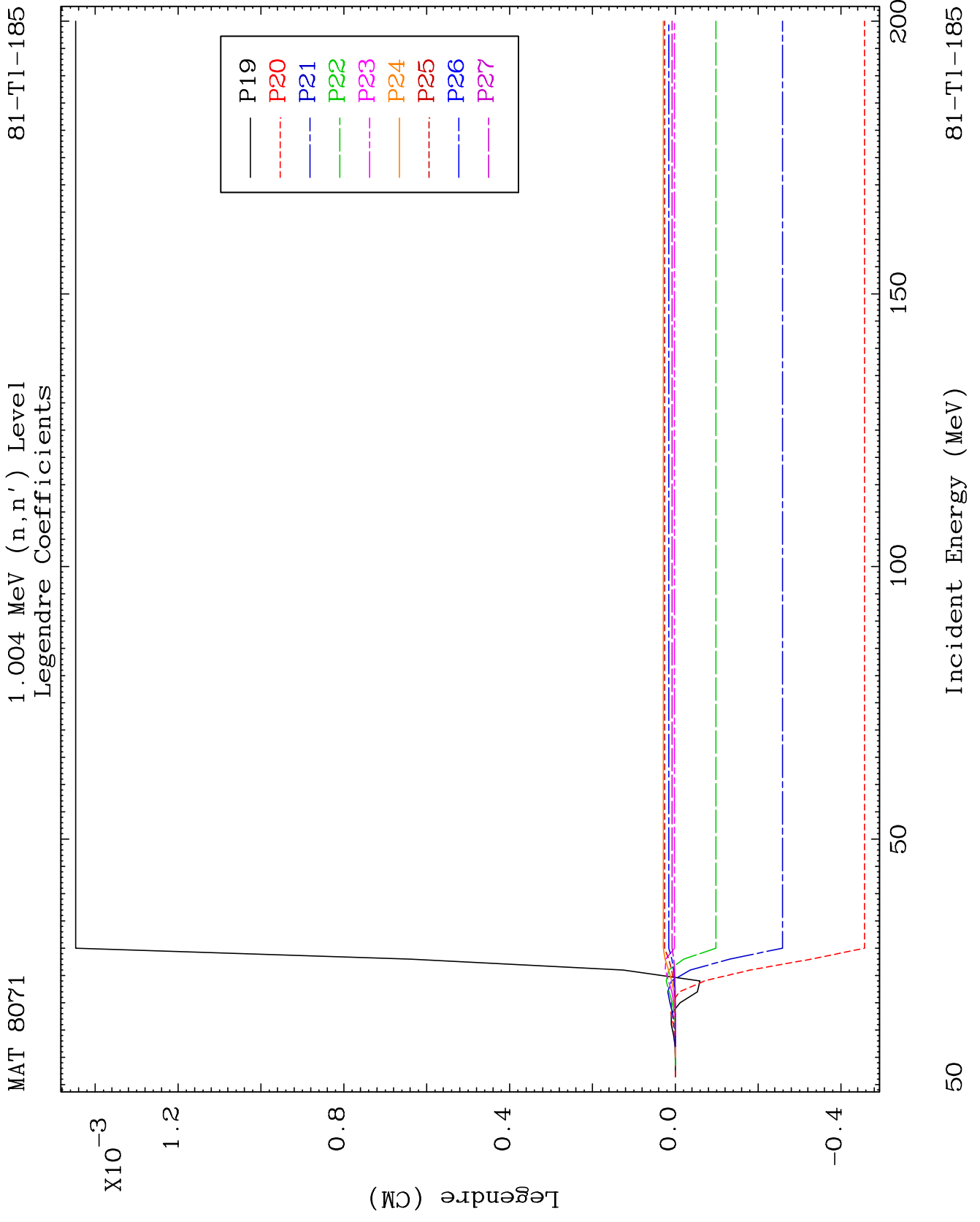
MAT 8071

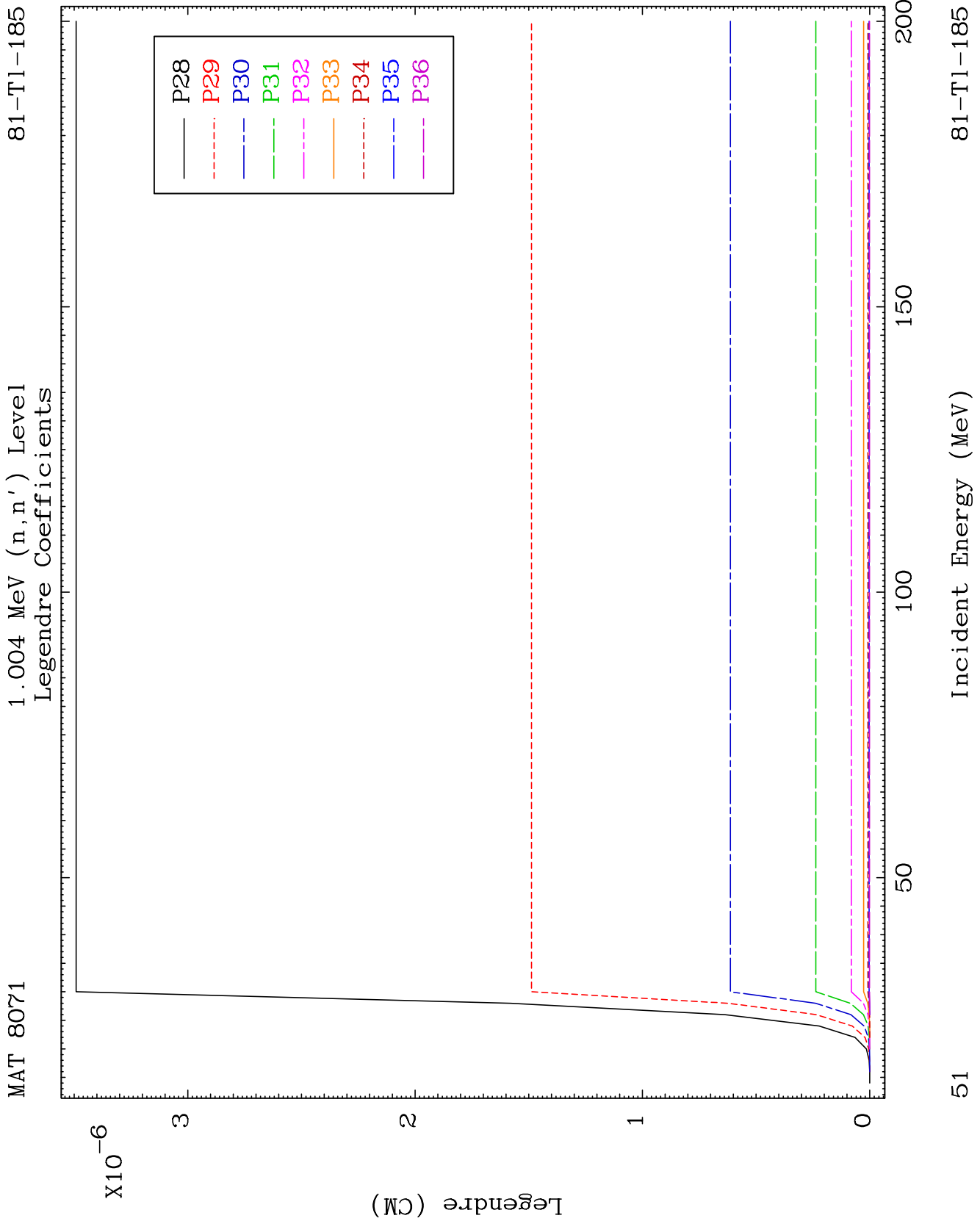
983.3 keV (n,n') Level
Legendre Coefficients

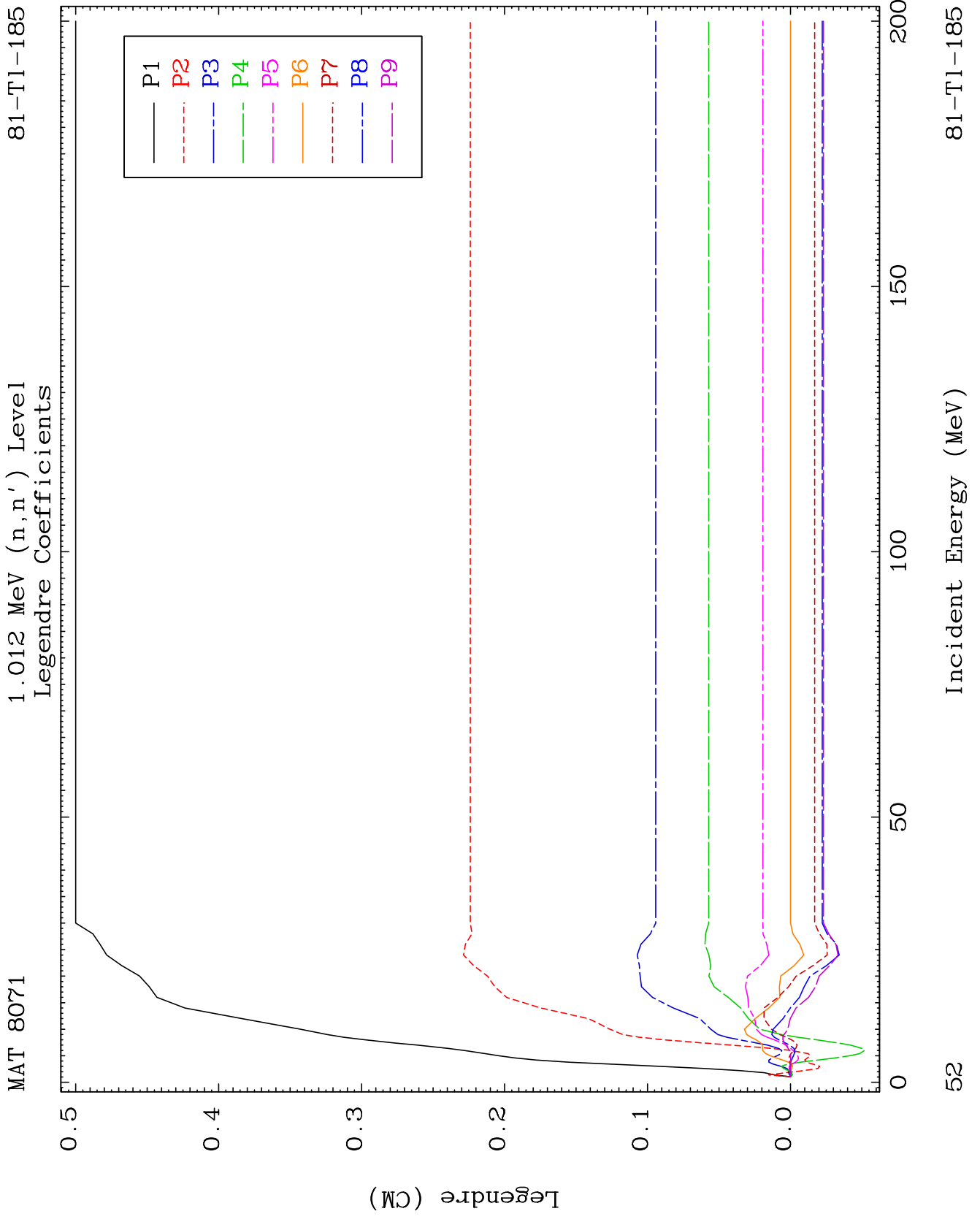
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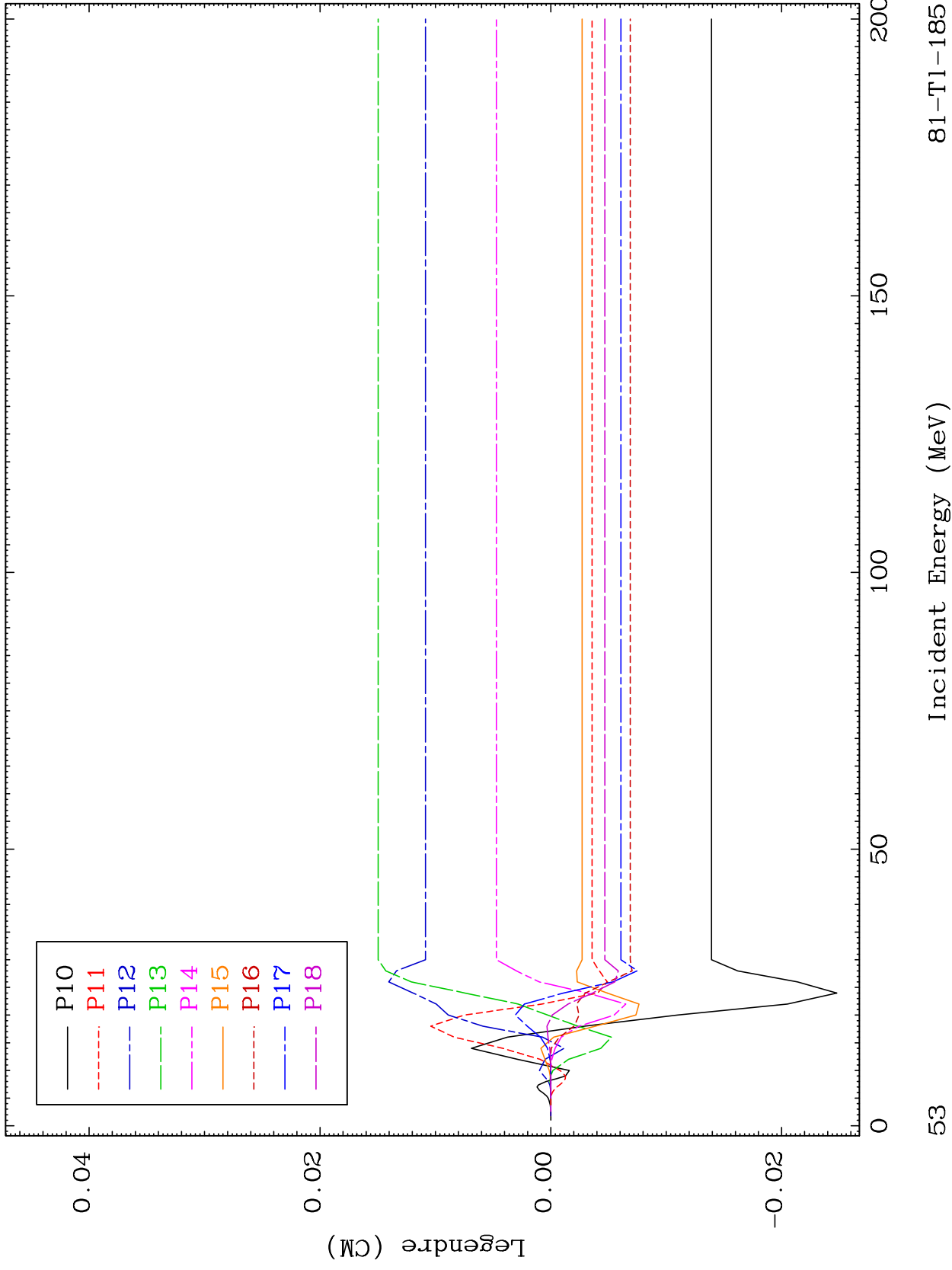




MAT 8071

1.012 MeV (n,n') Level
Legendre Coefficients

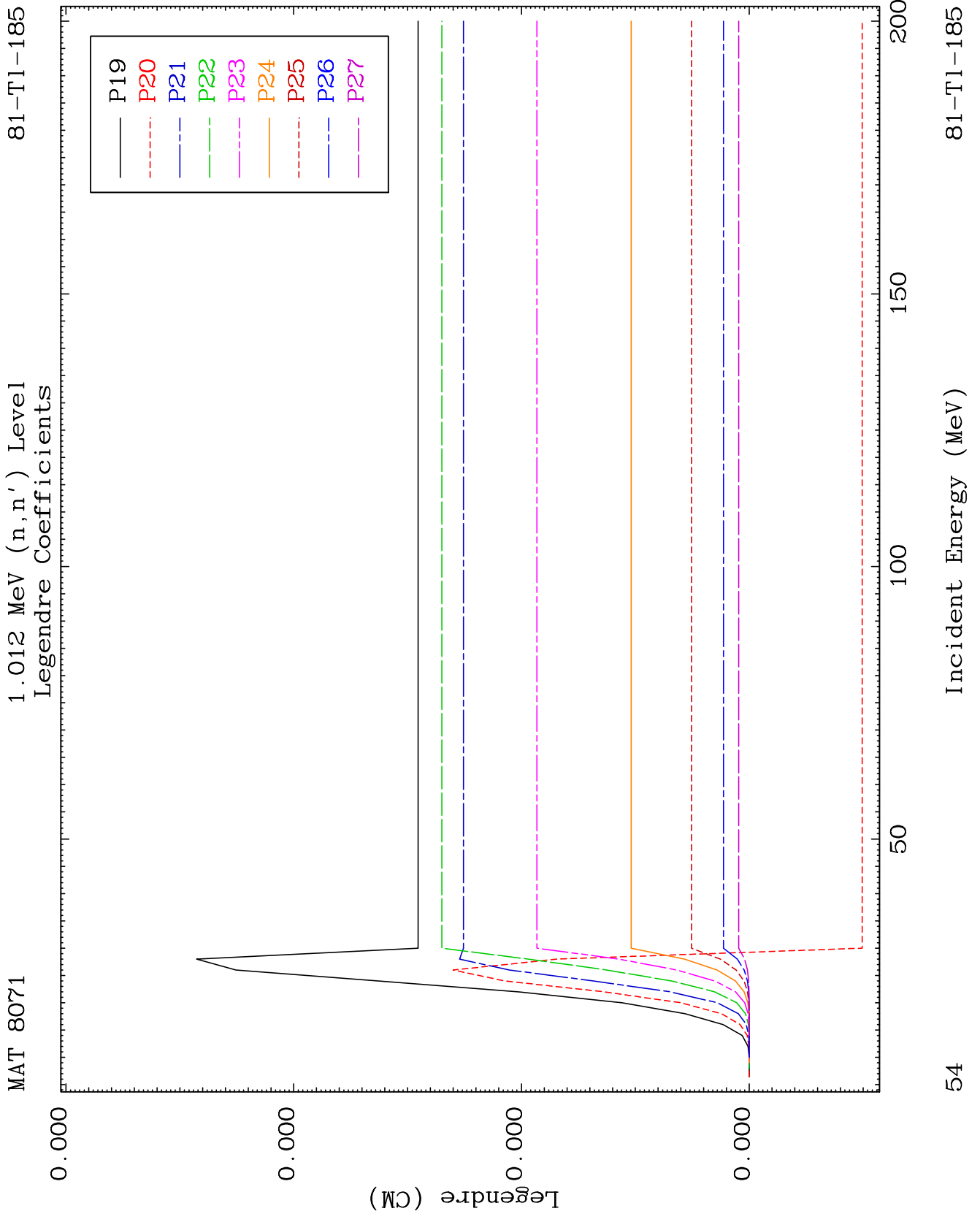
81-T1-185

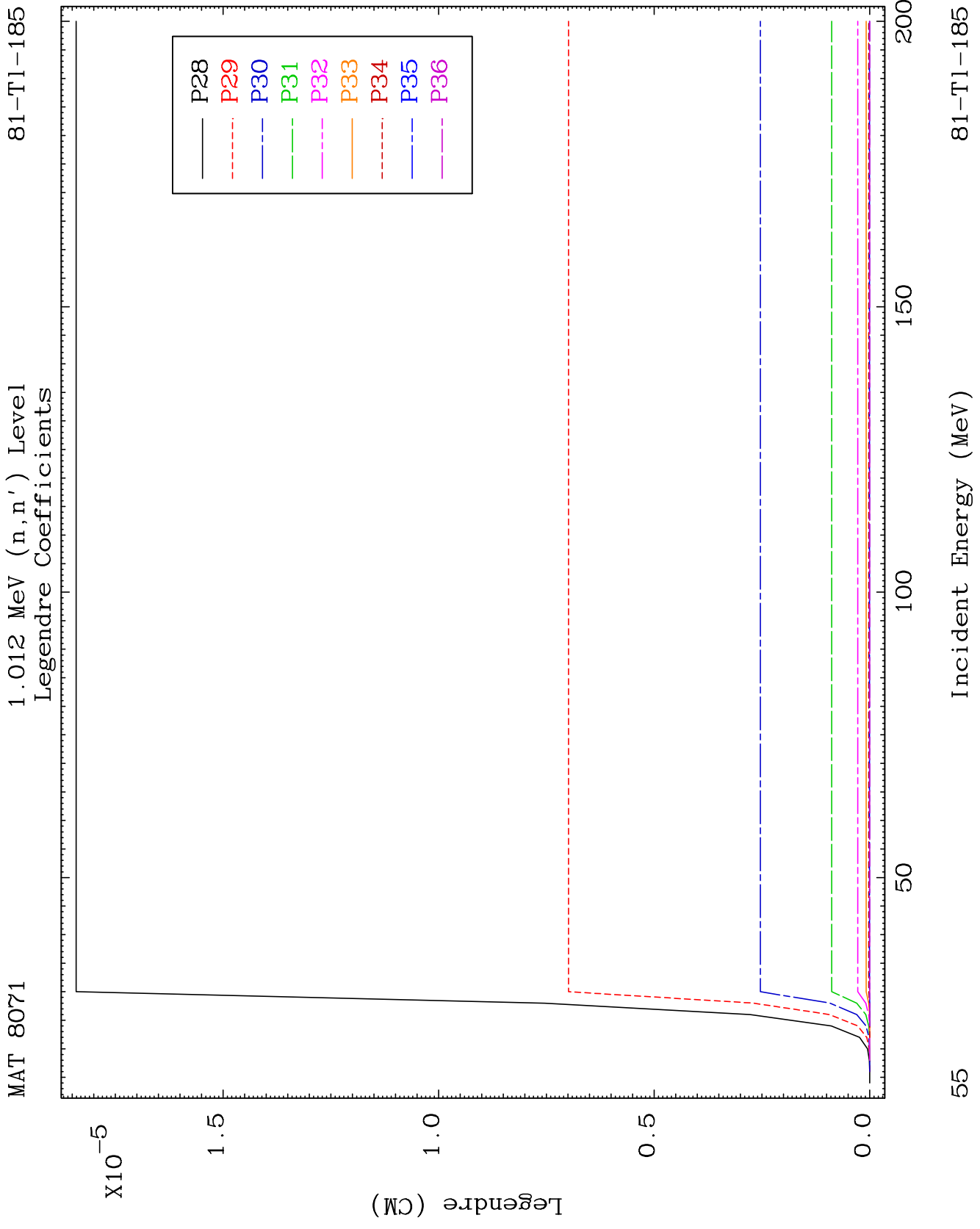


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Incident Energy (MeV)

81-T1-185

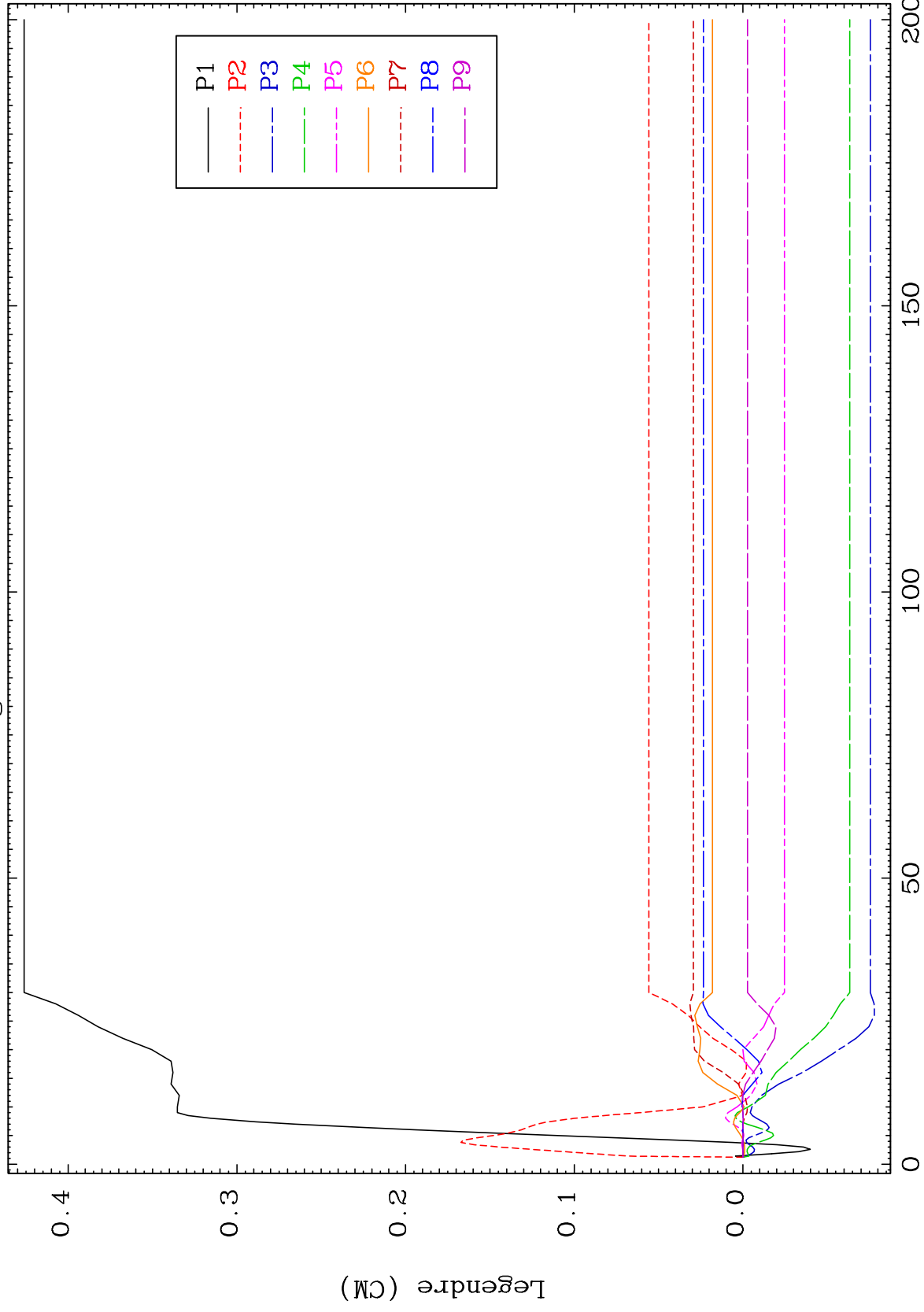




MAT 8071

1.212 MeV (n,n') Level
Legendre Coefficients

81-T1-185



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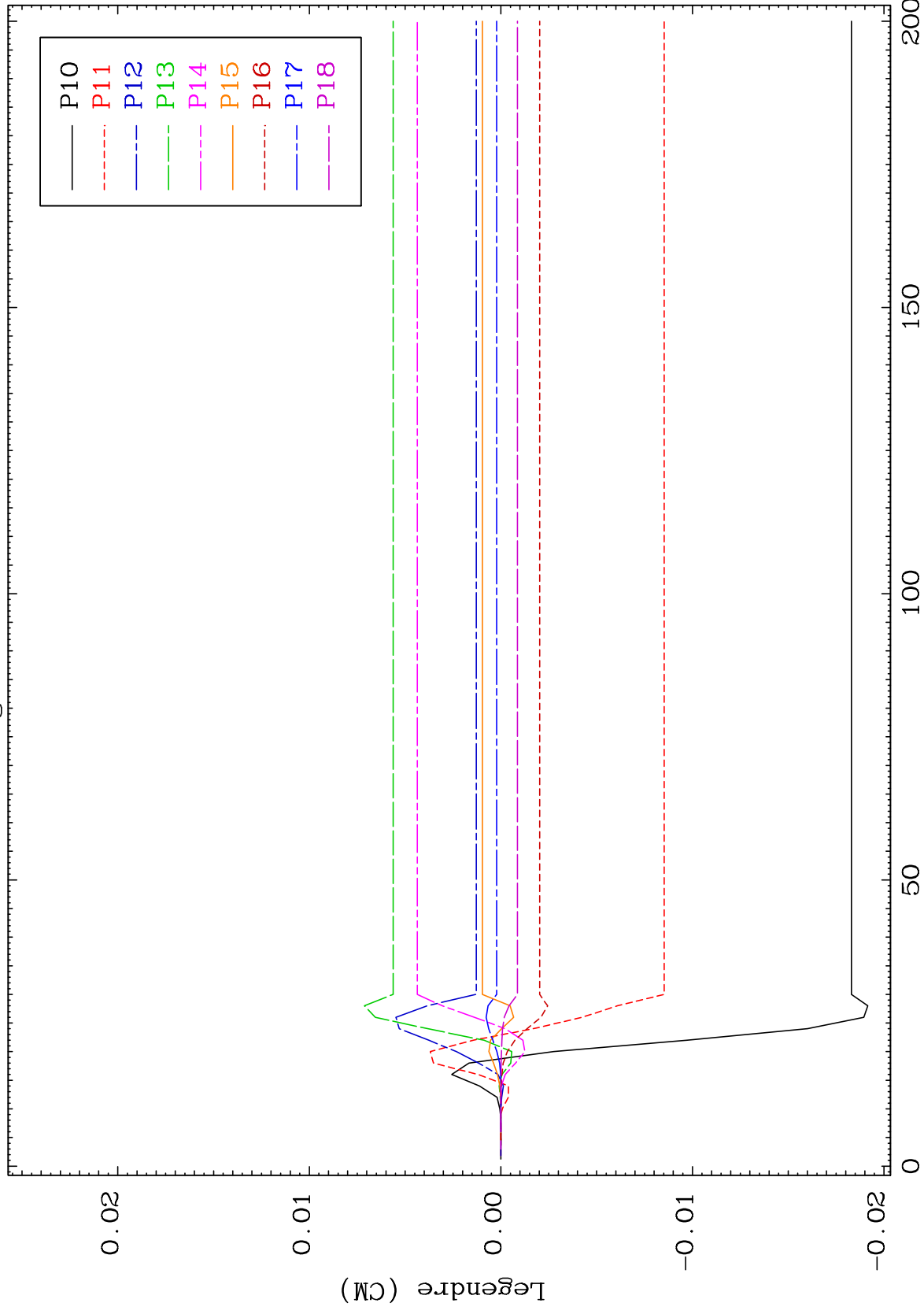
Incident Energy (MeV)

81-T1-185

MAT 8071

1.212 MeV (n,n') Level
Legendre Coefficients

81-Tl-185



57

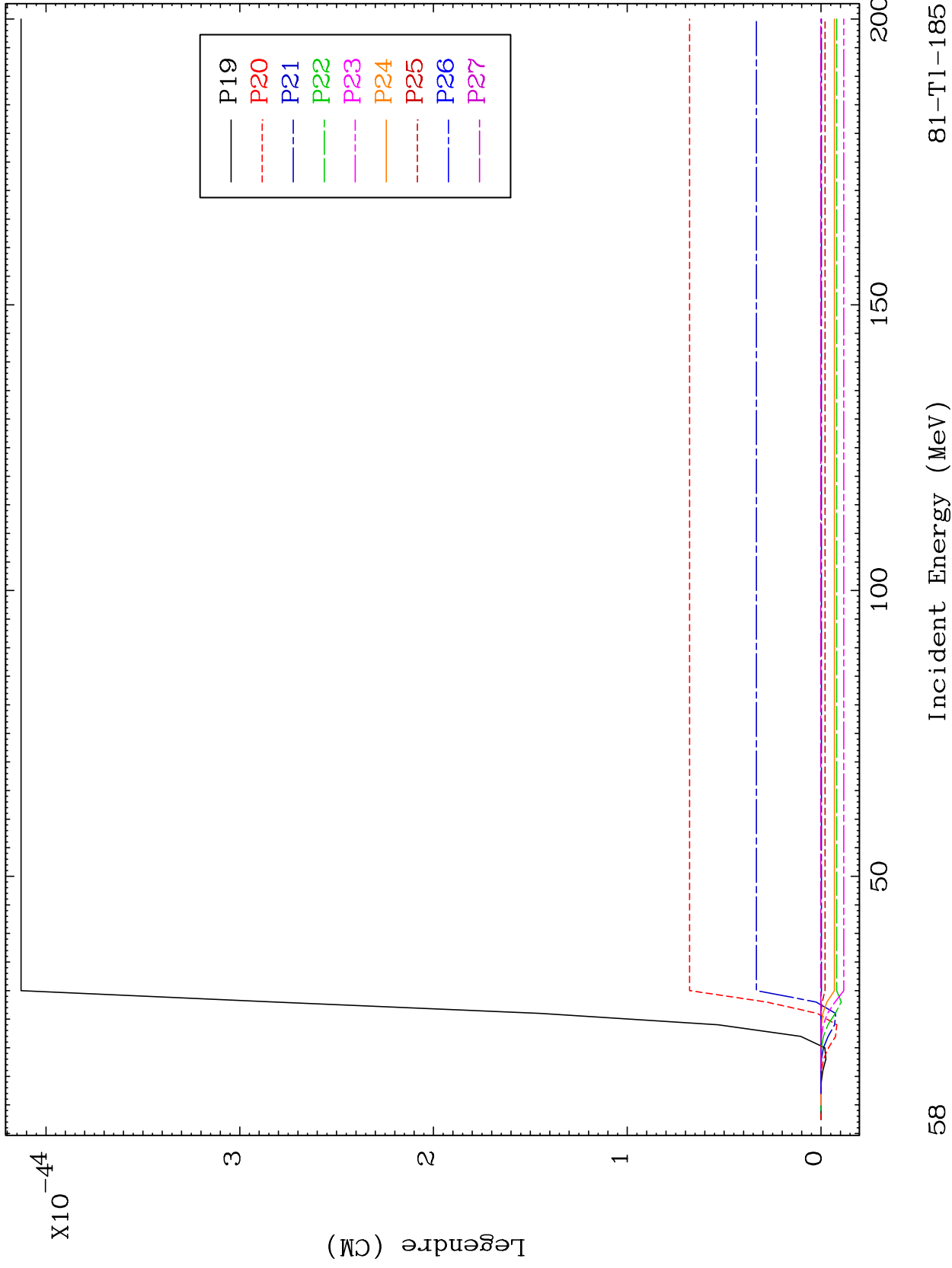
Incident Energy (MeV)

81-Tl-185

MAT 8071

1.212 MeV (n,n') Level
Legendre Coefficients

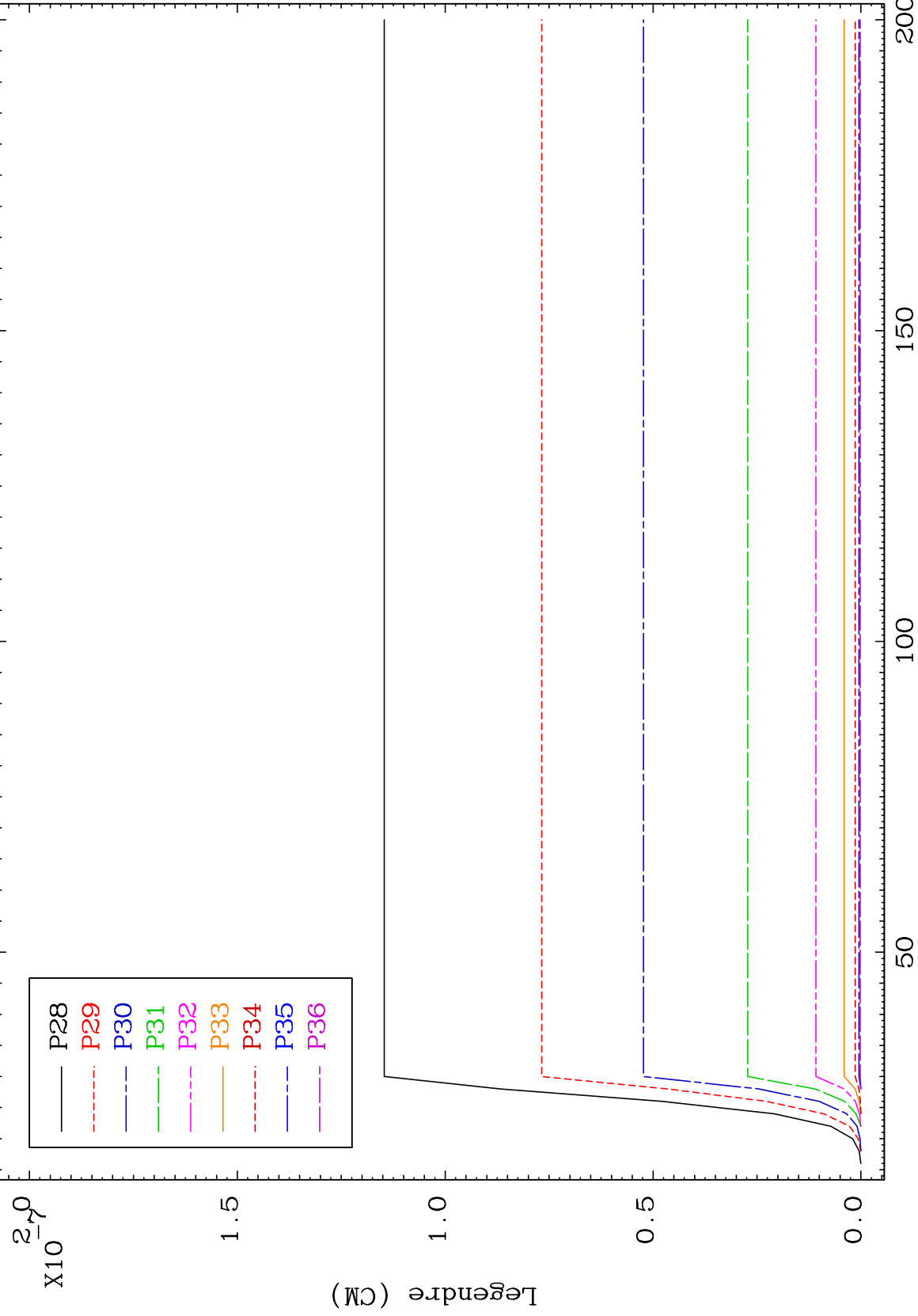
81-T1-185



MAT 8071

1.212 MeV (n,n') Level
Legendre Coefficients

81-T1-185



59

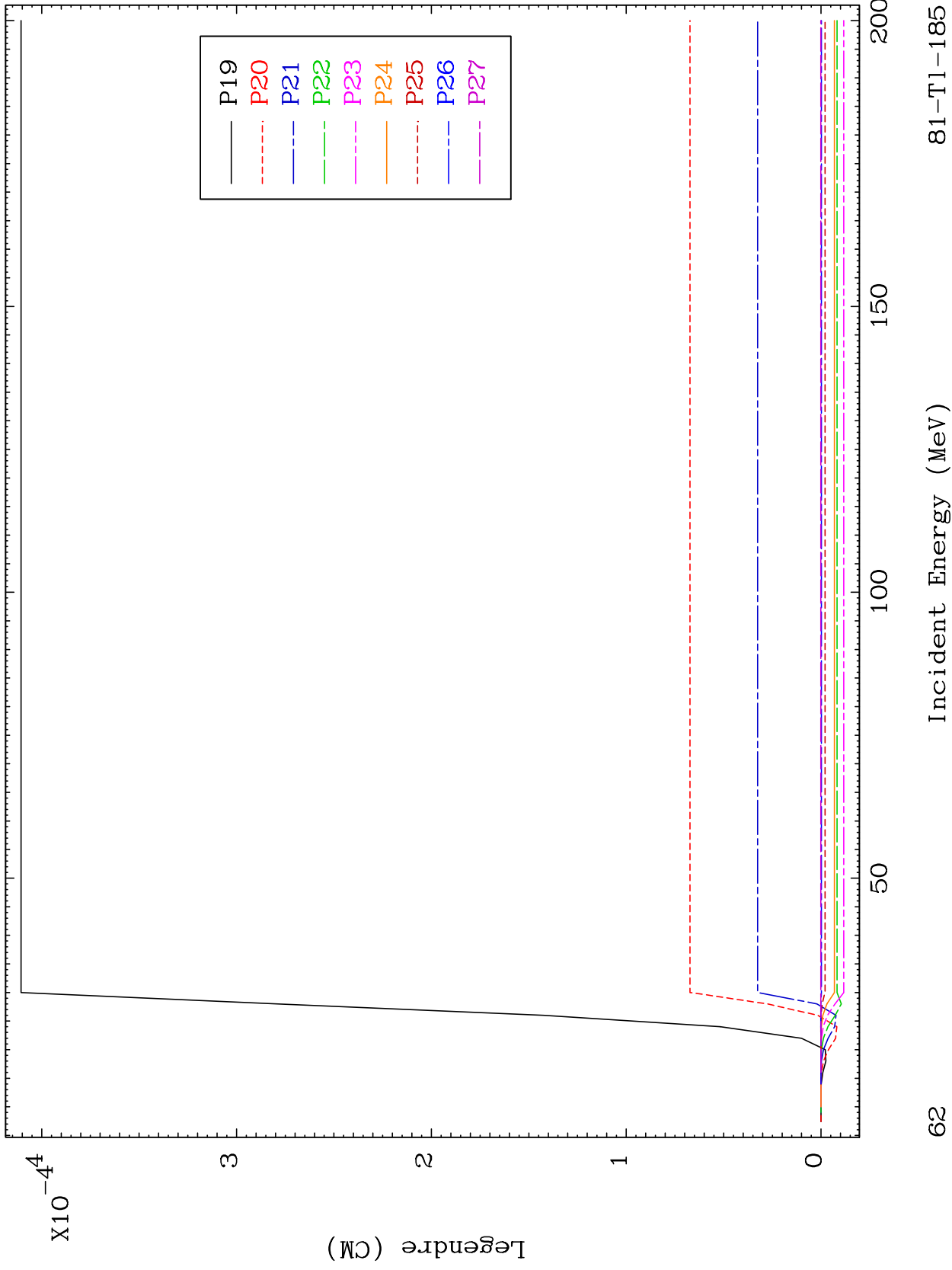
Incident Energy (MeV)

81-T1-185

MAT 8071

1.287 MeV (n,n') Level
Legendre Coefficients

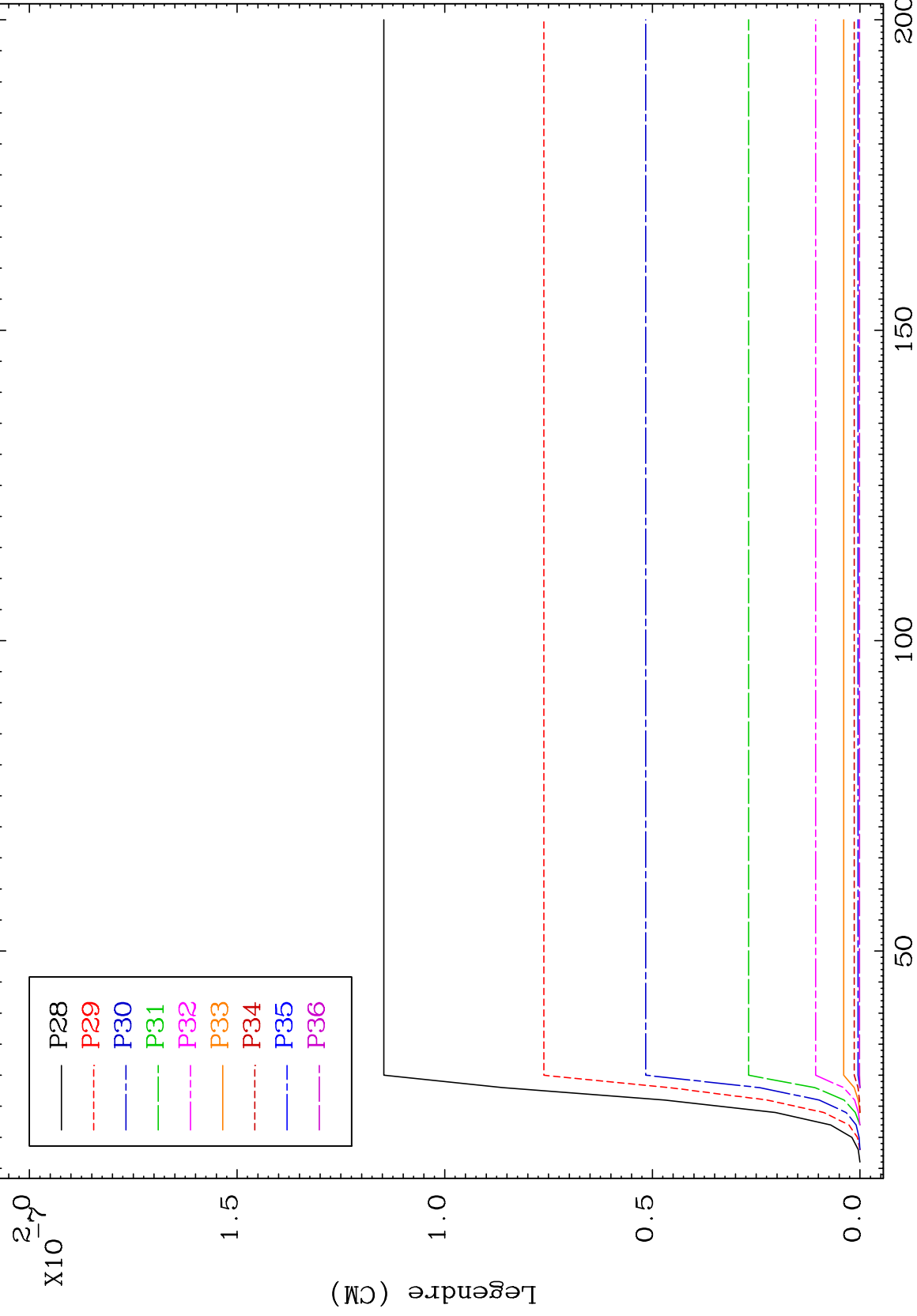
81-T1-185



MAT 8071

1.287 MeV (n,n') Level
Legendre Coefficients

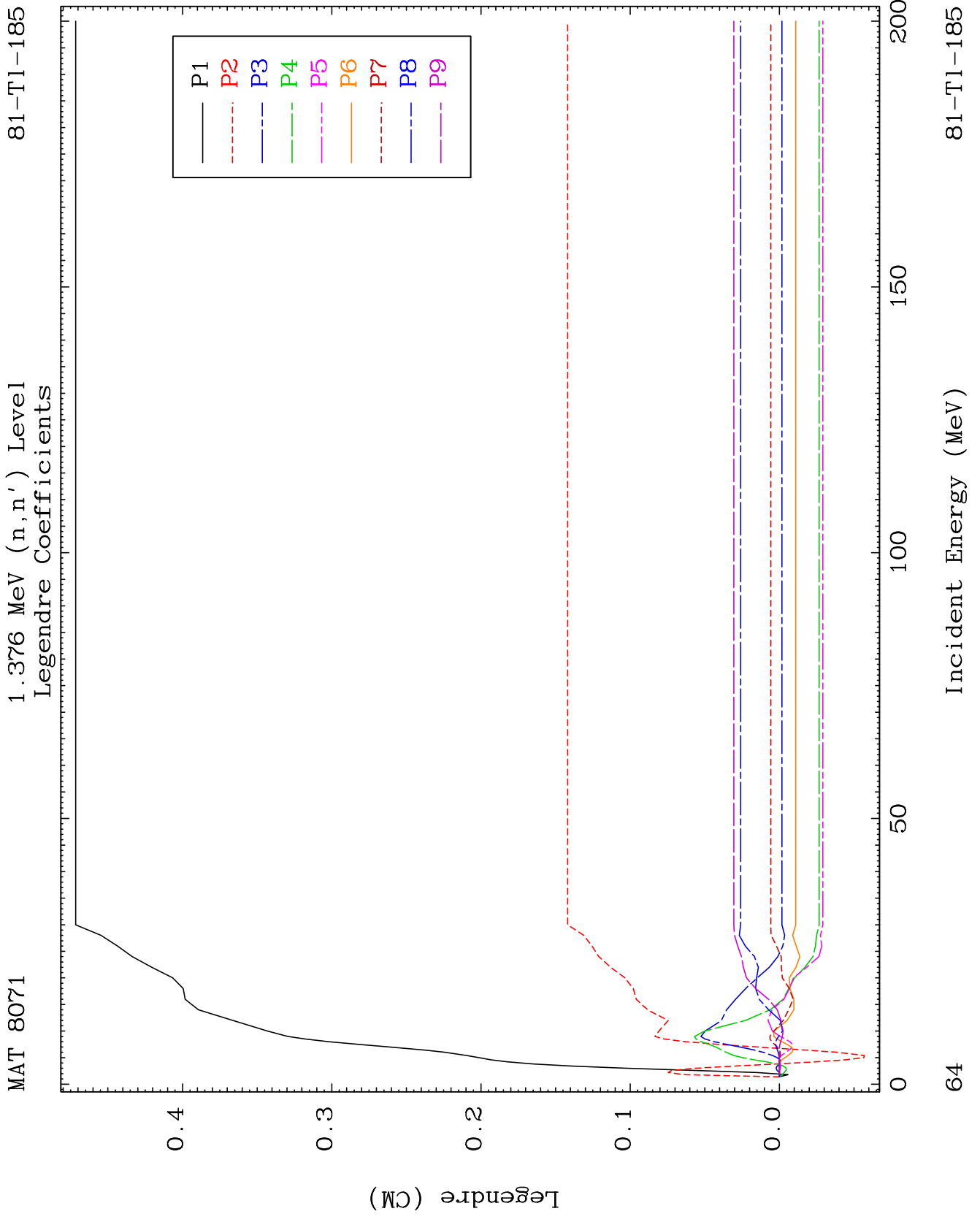
81-T1-185

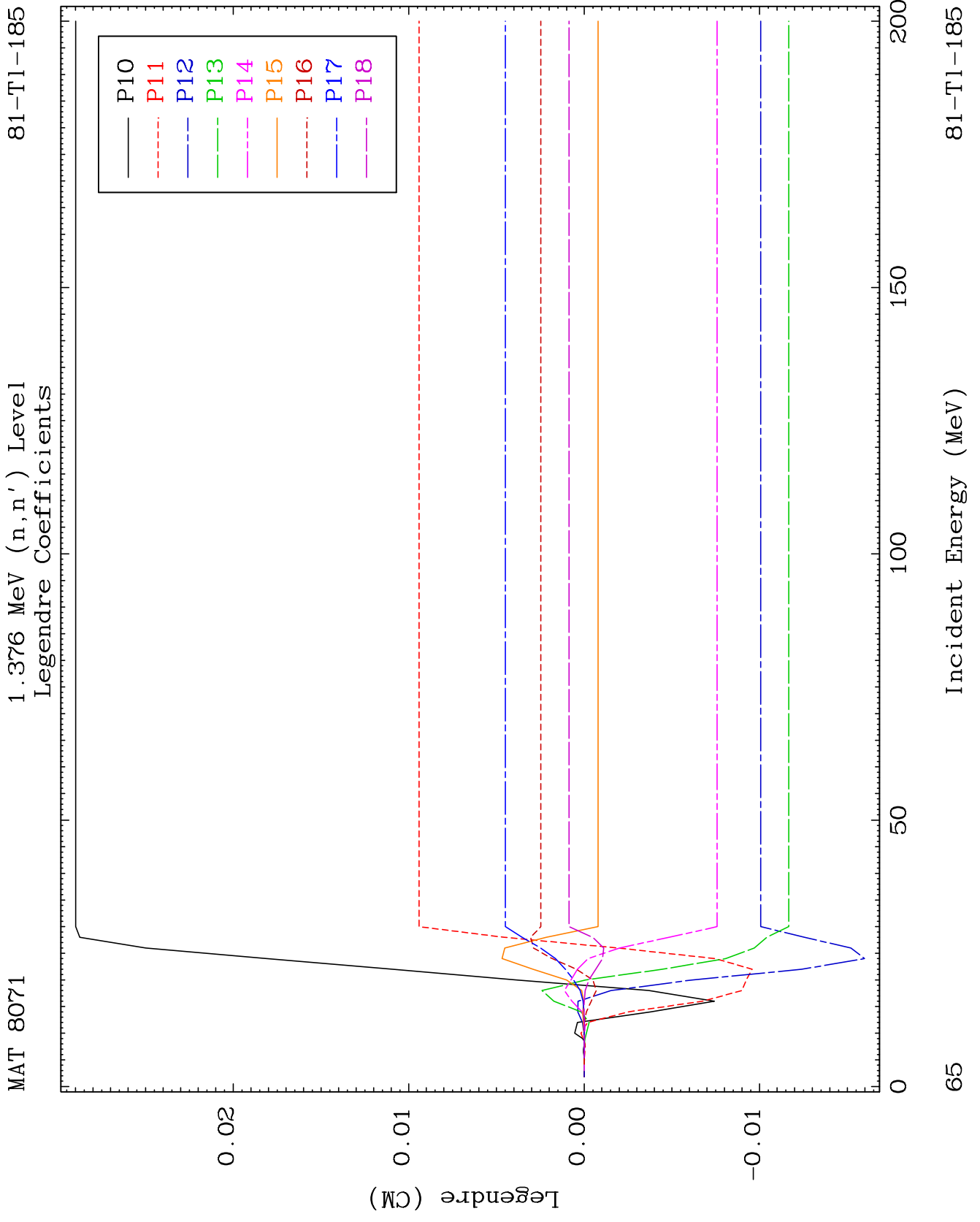


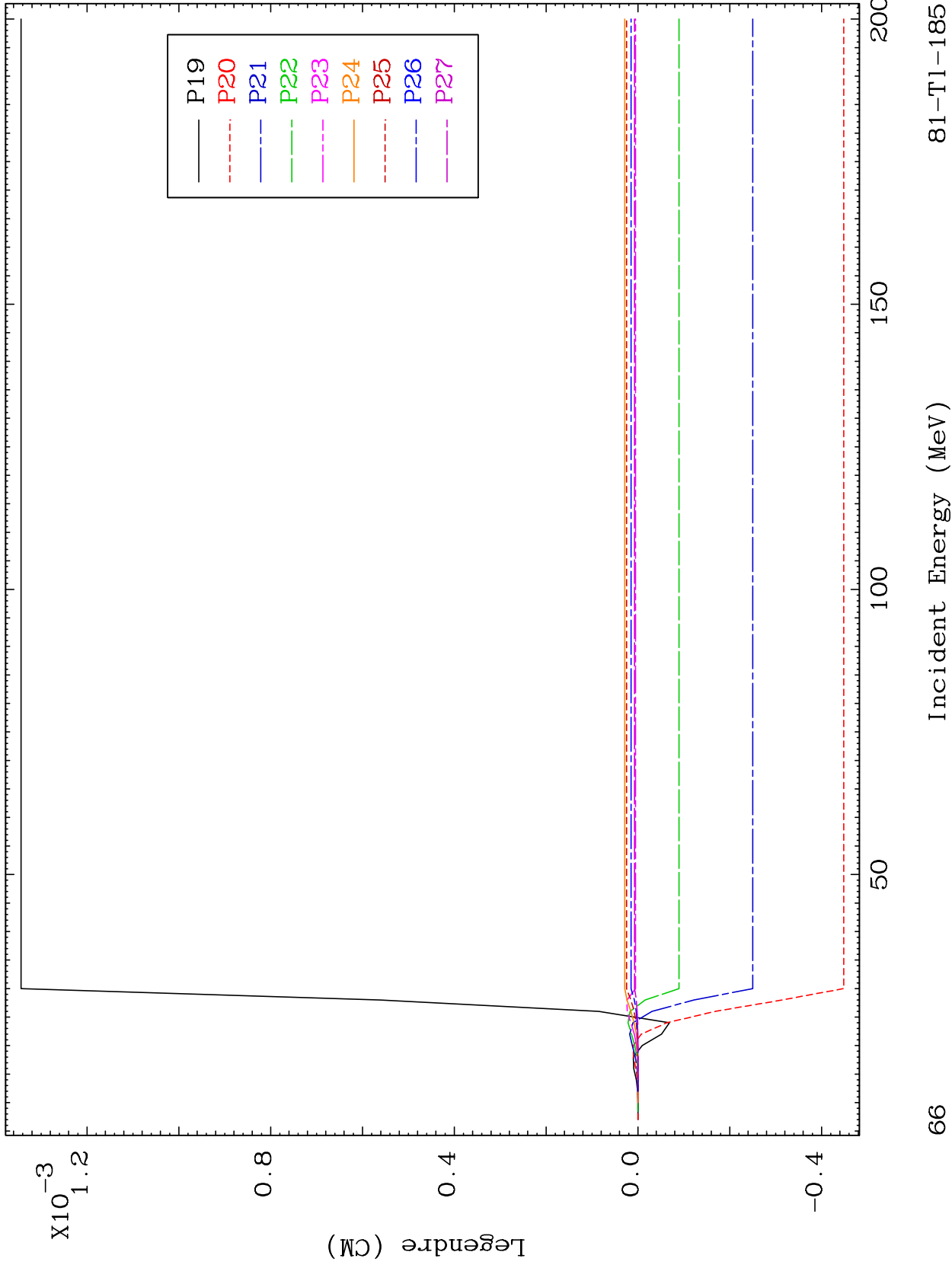
63

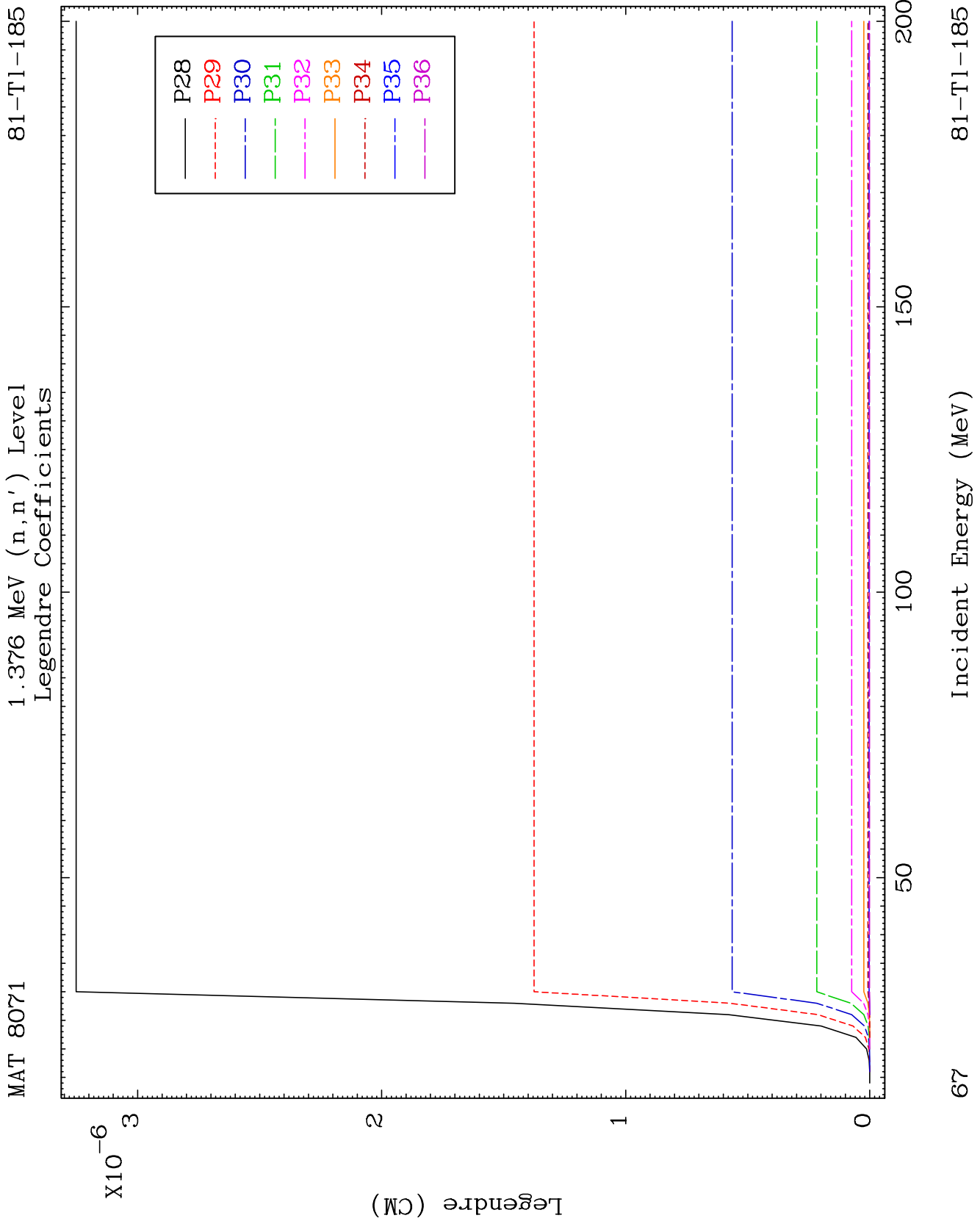
Incident Energy (MeV)

81-T1-185





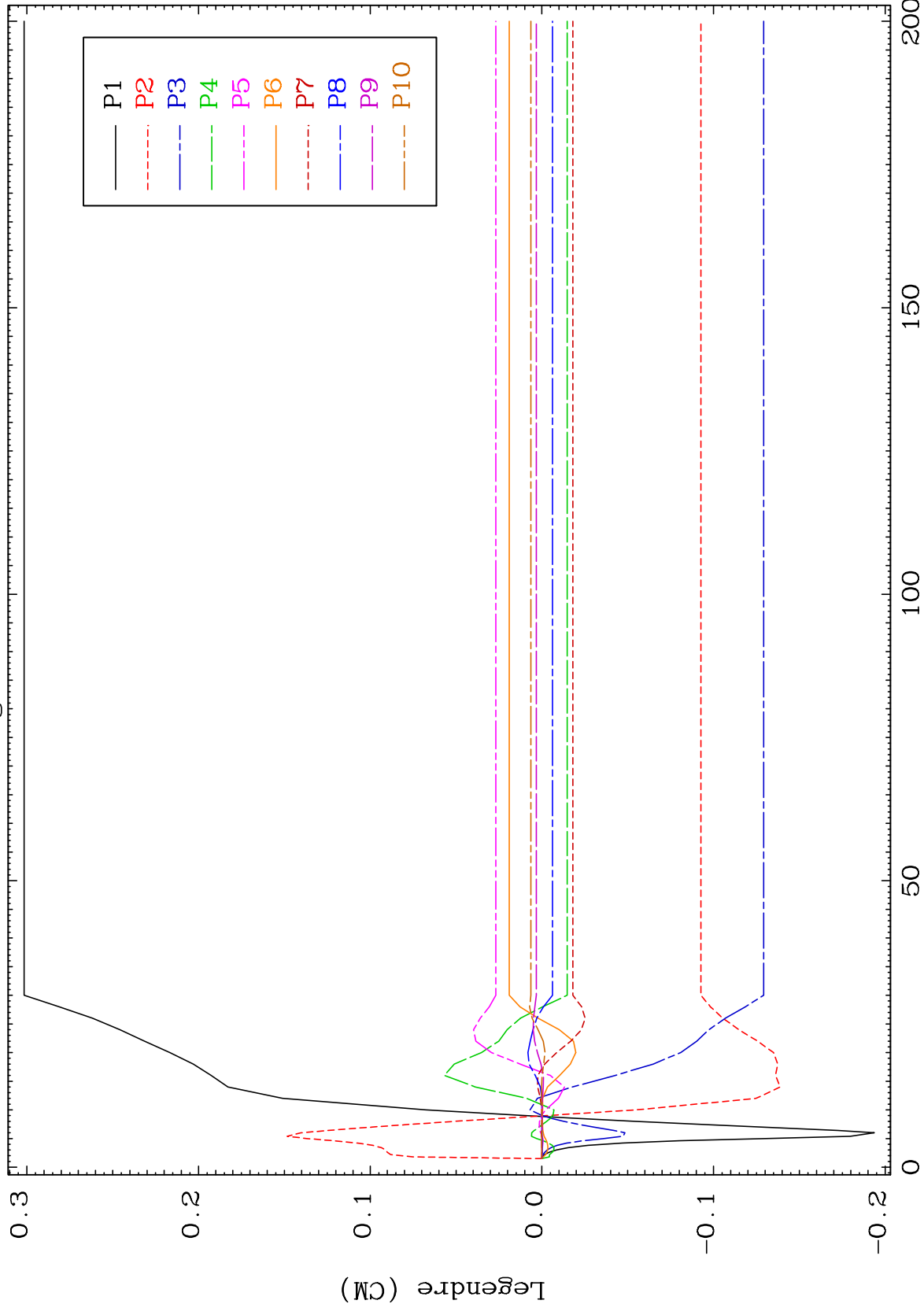




MAT 8071

1.482 MeV (n,n') Level
Legendre Coefficients

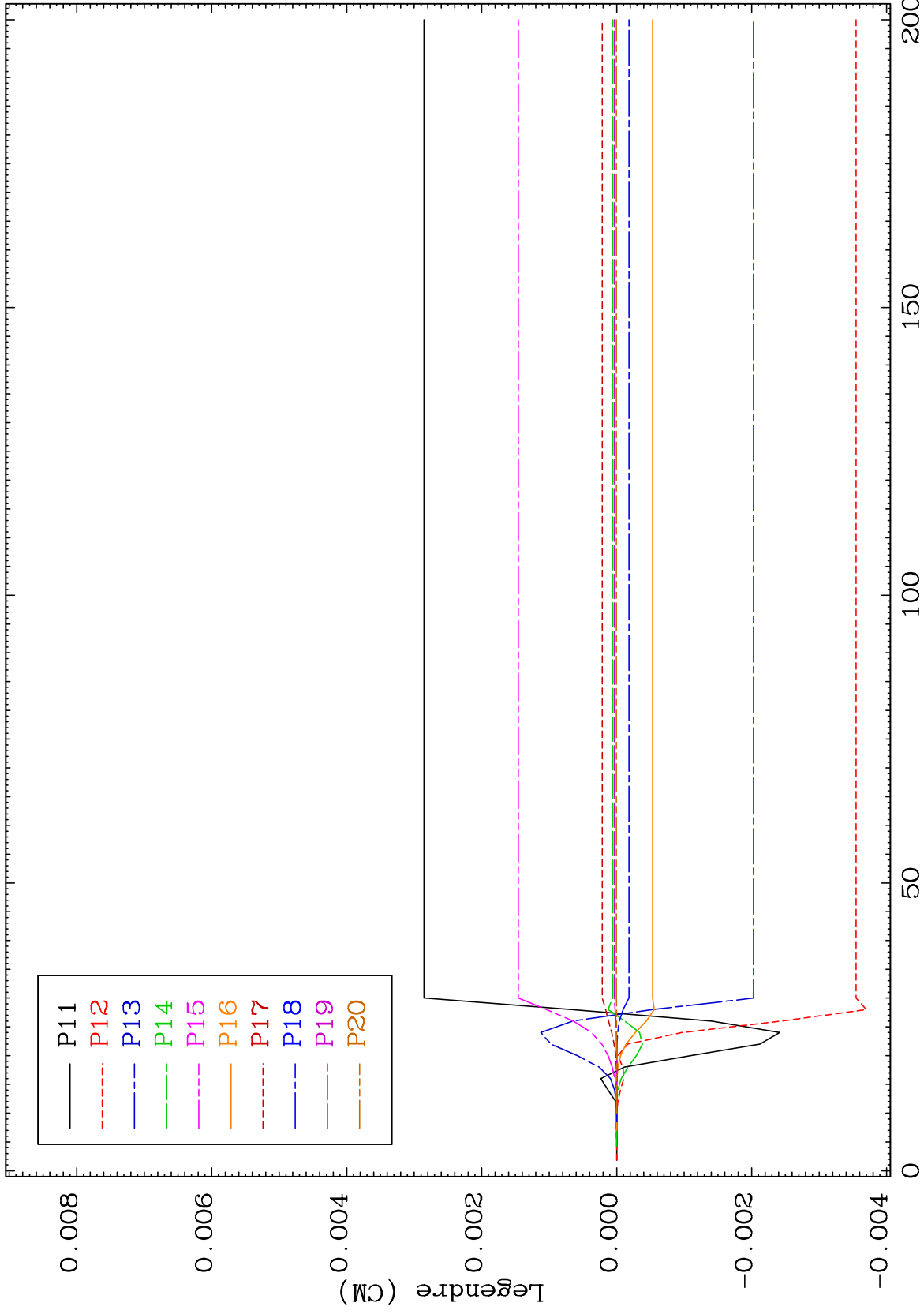
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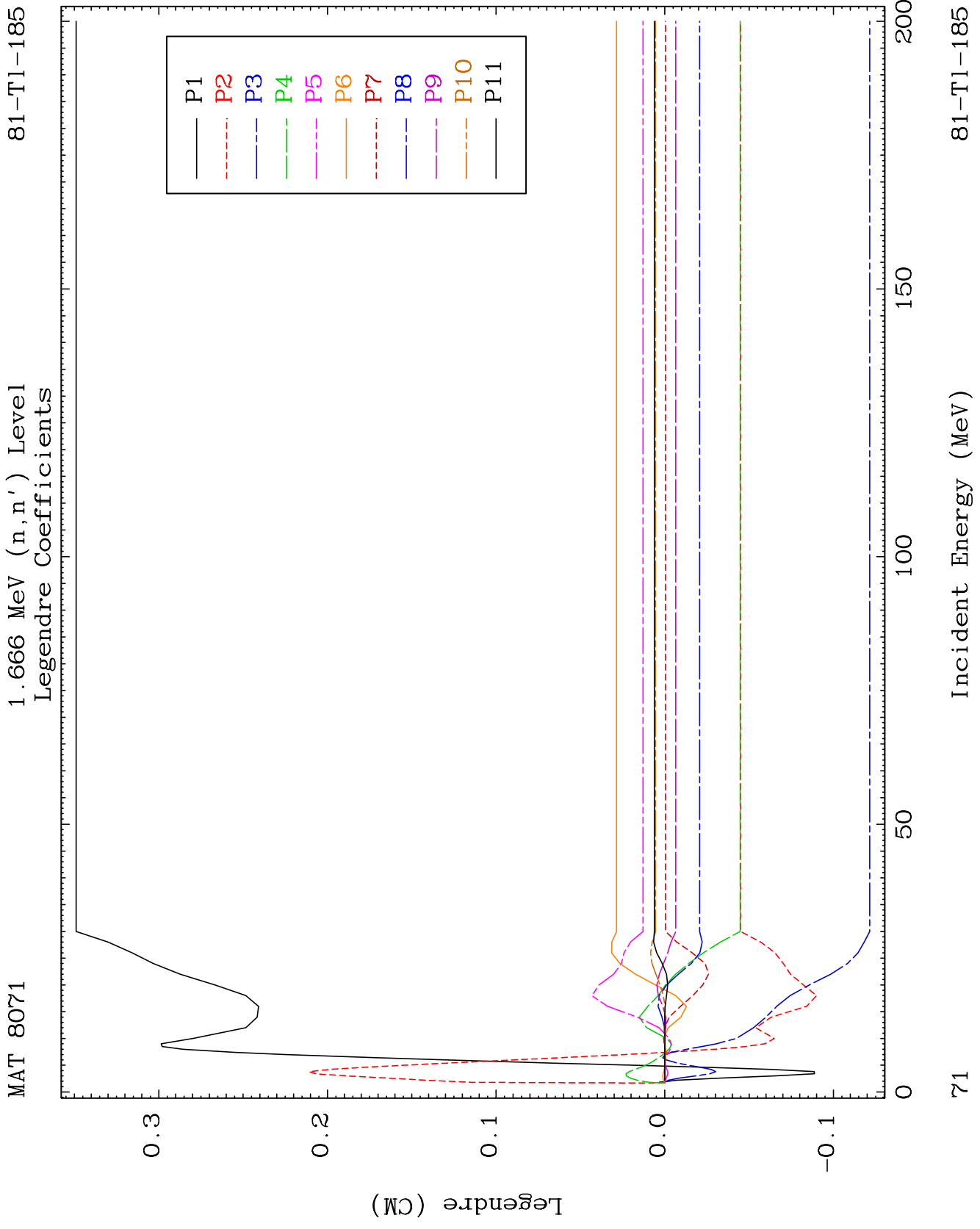


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Incident Energy (MeV)

81-Tl-185

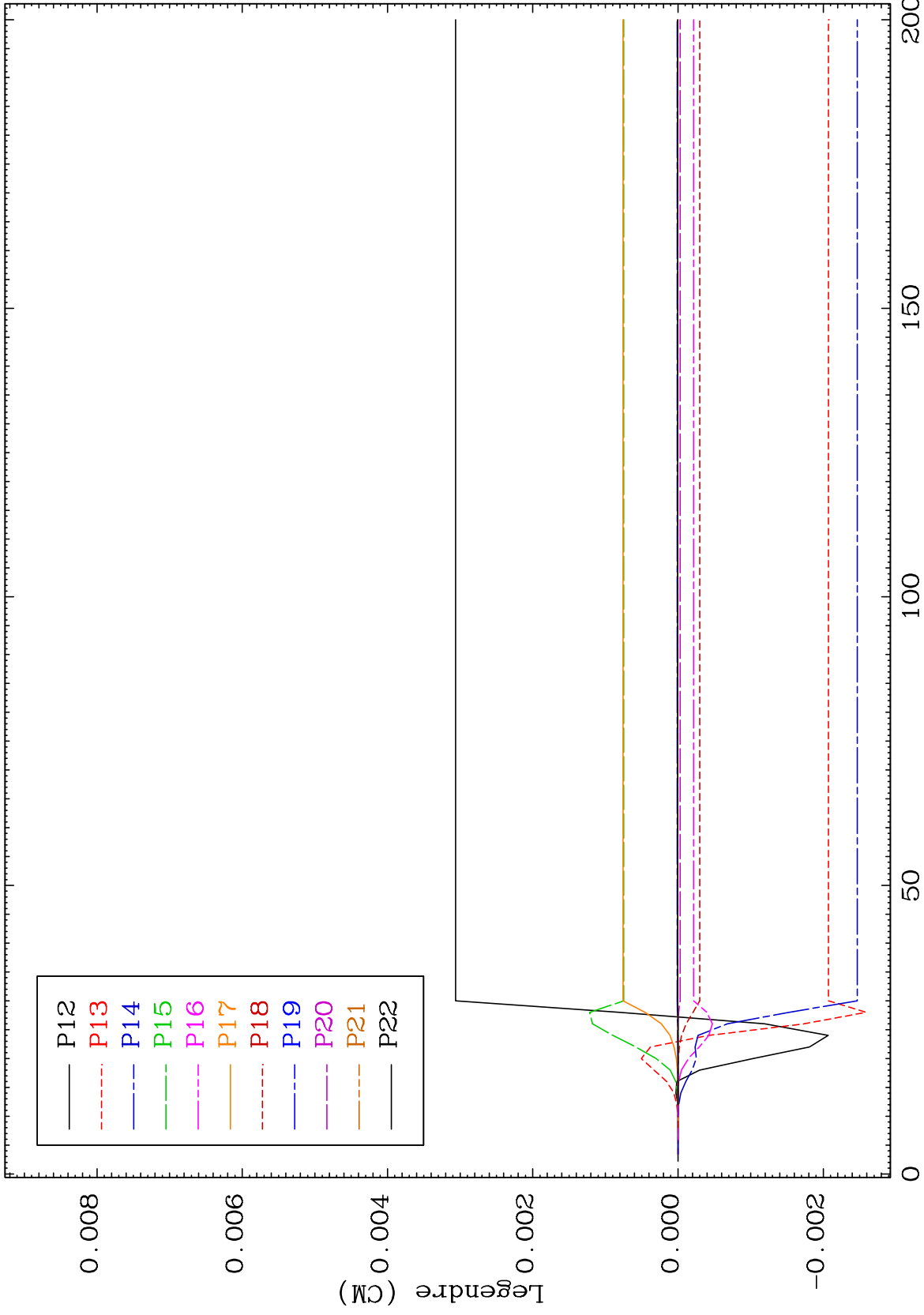




MAT 8071

1.666 MeV (n,n') Level
Legendre Coefficients

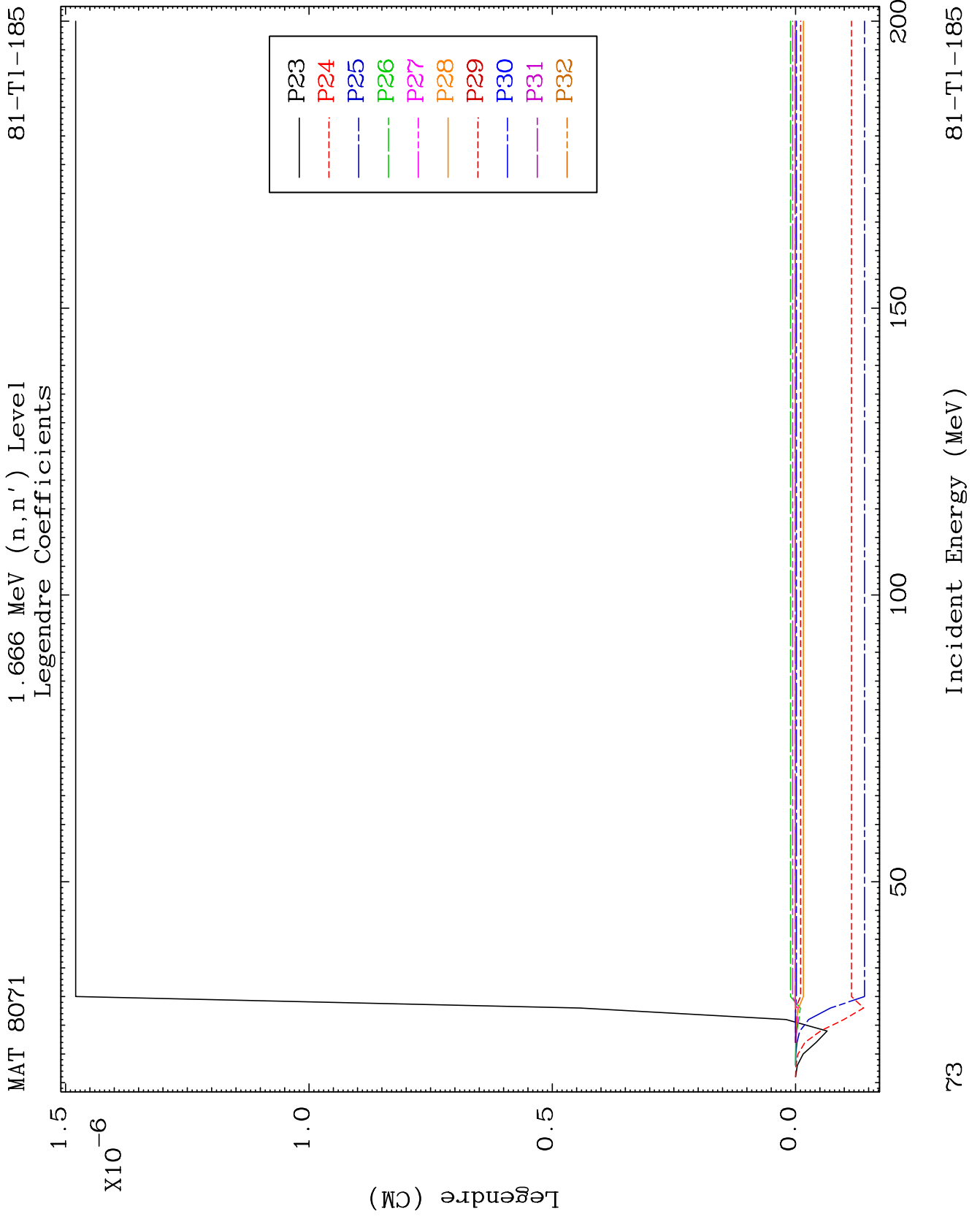
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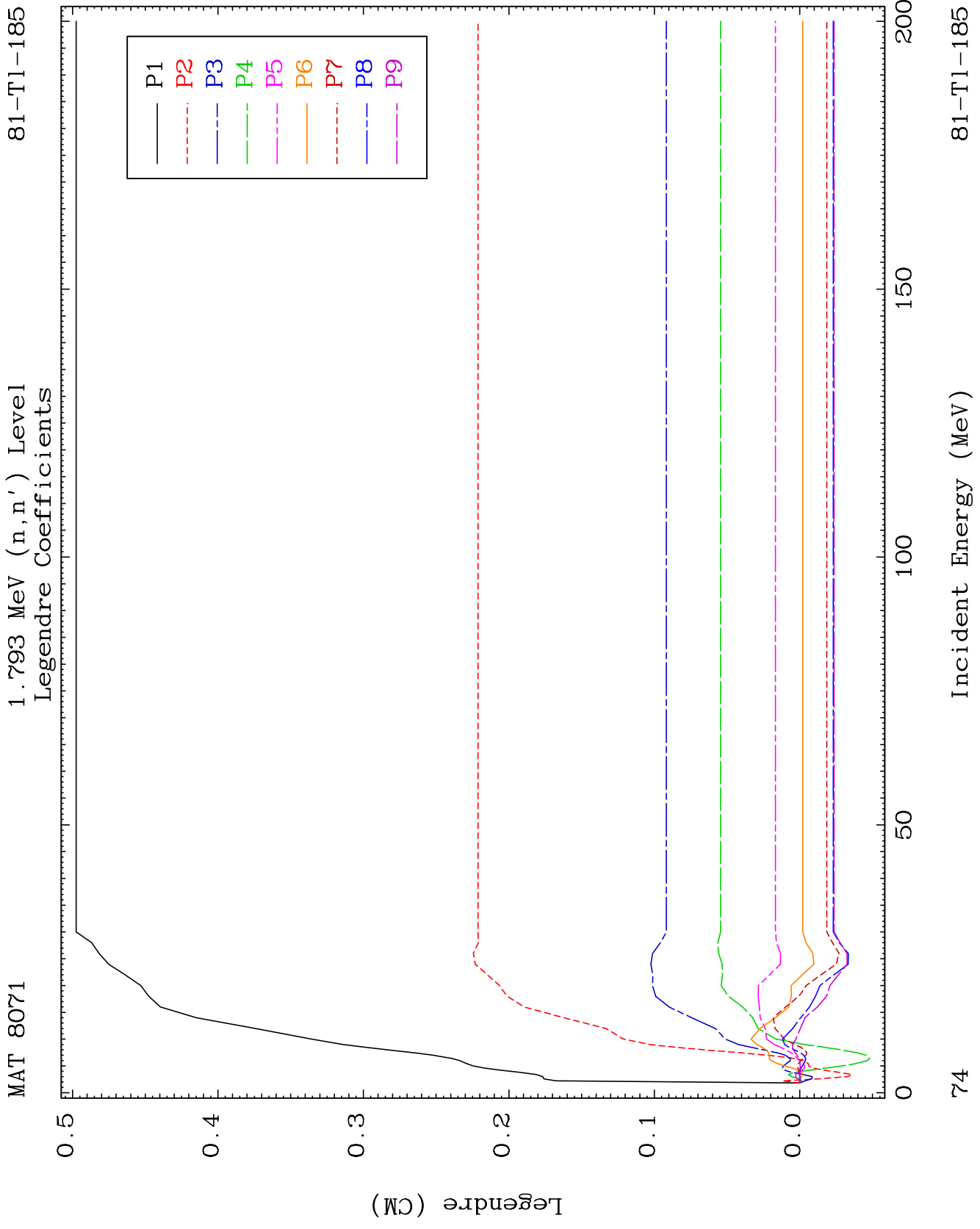


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Incident Energy (MeV)

81-T1-185

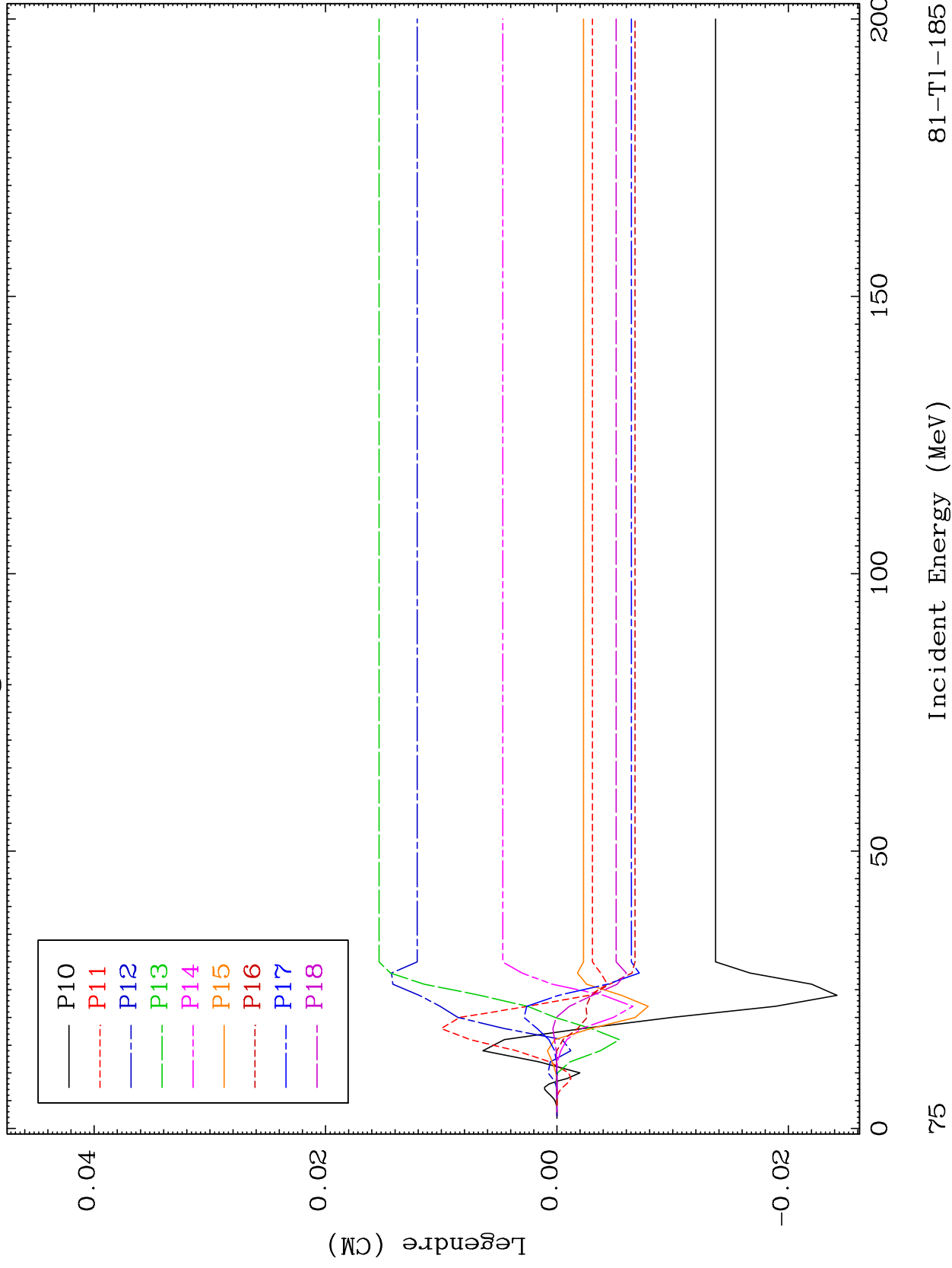




MAT 8071

1.793 MeV (n,n') Level
Legendre Coefficients

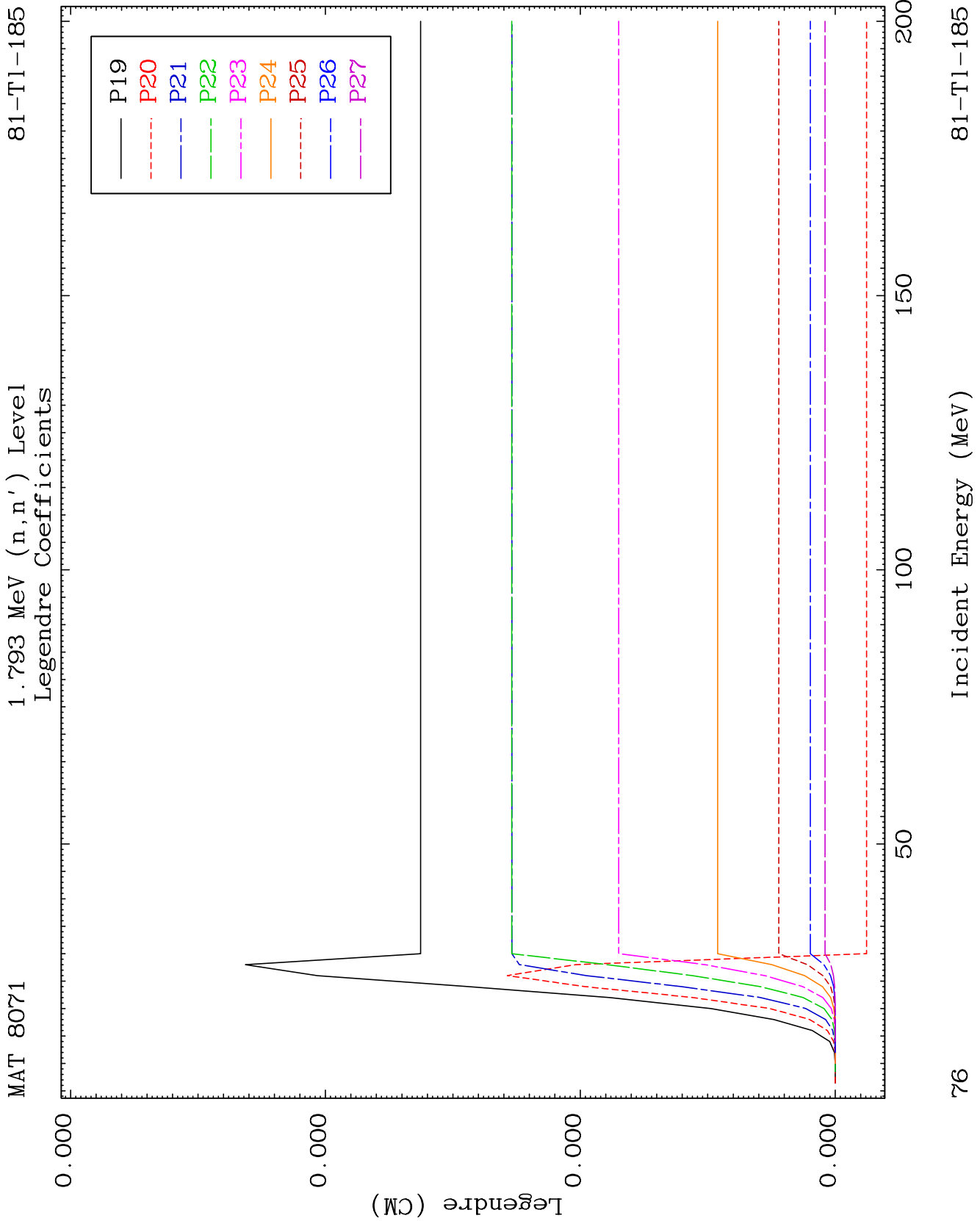
81-T1-185

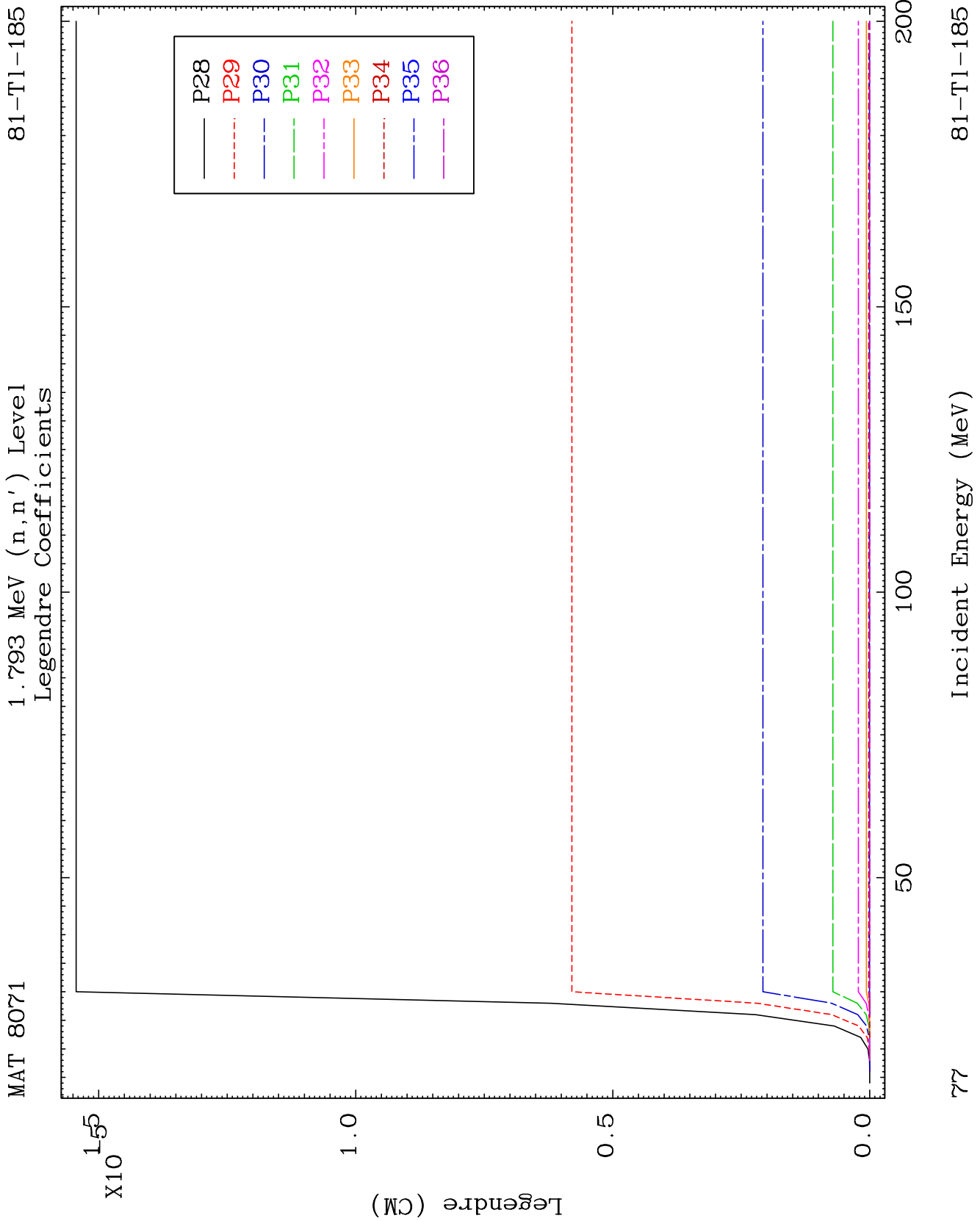


81-T1-185

Incident Energy (MeV)

75

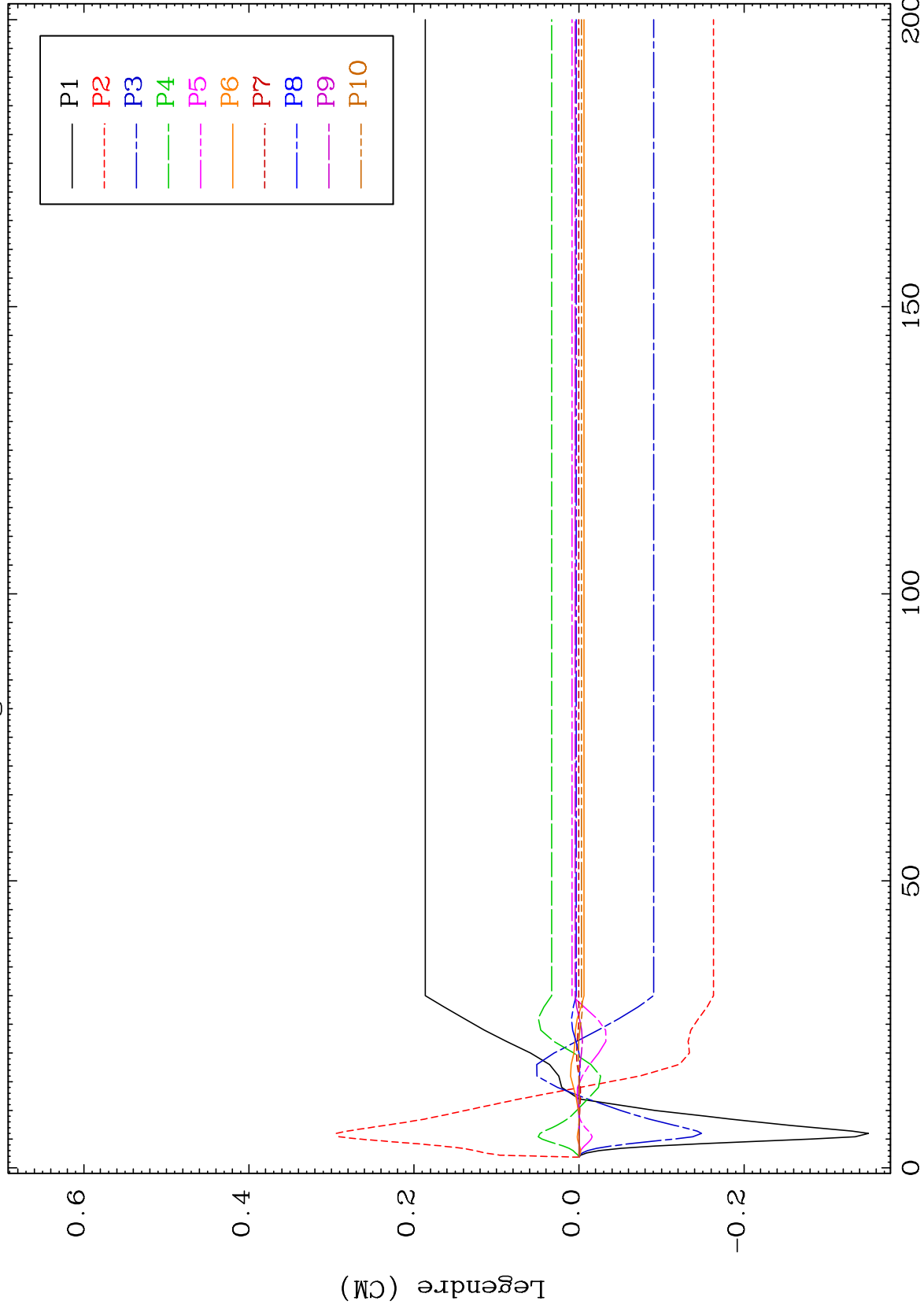




MAT 8071

1.845 MeV (n,n') Level
Legendre Coefficients

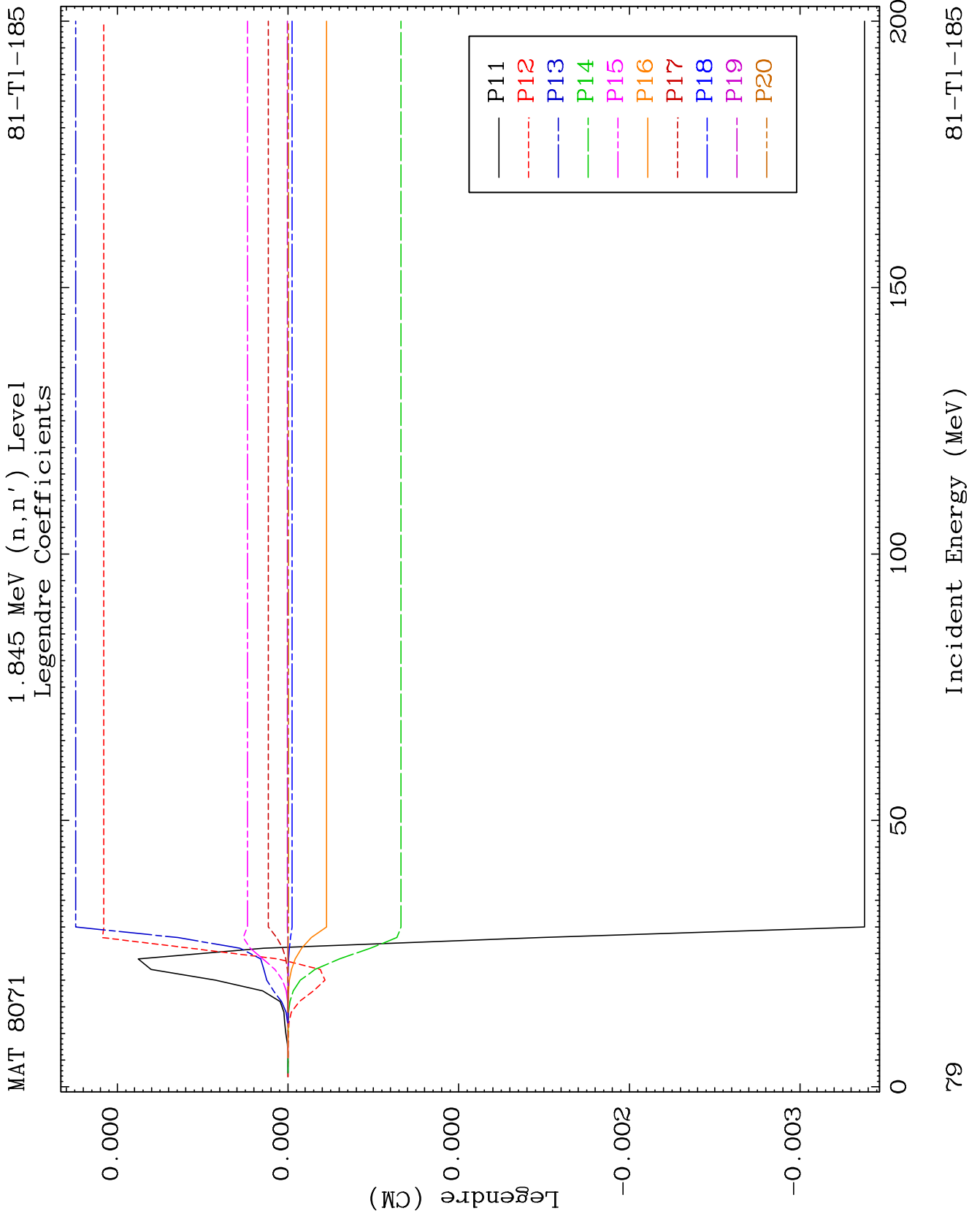
81-Tl-185

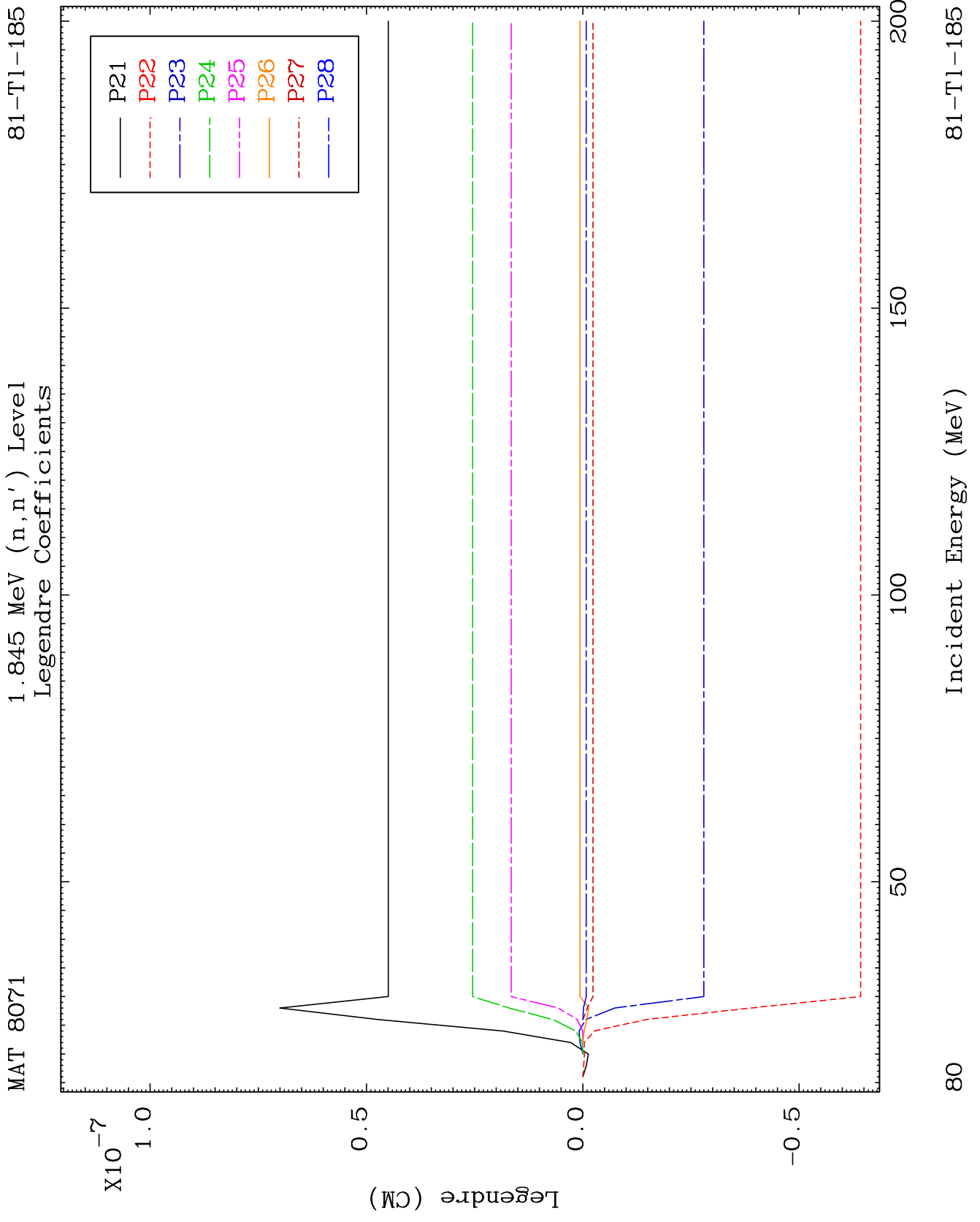


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Incident Energy (MeV)

81-Tl-185

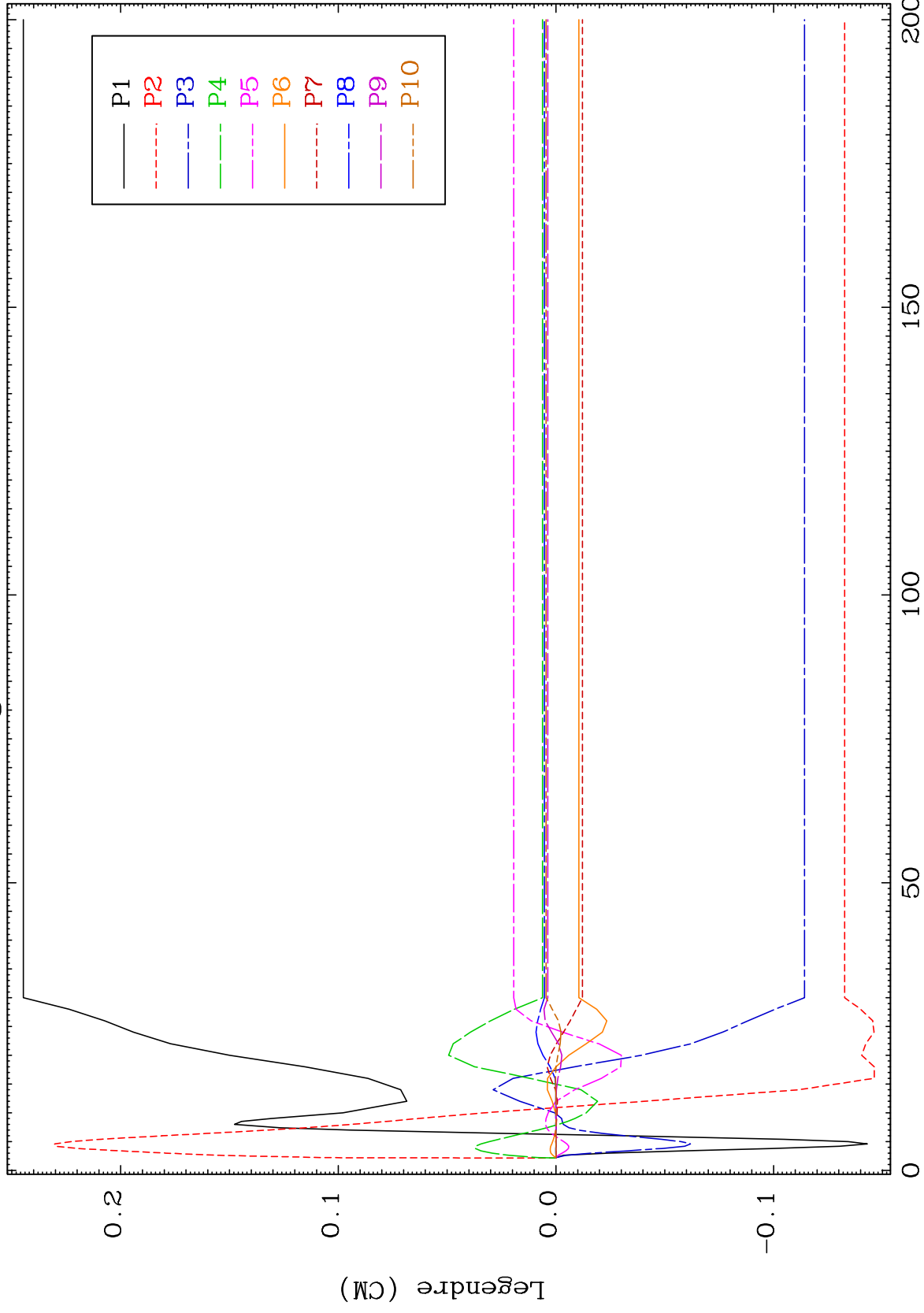




MAT 8071

2.119 MeV (n,n') Level
Legendre Coefficients

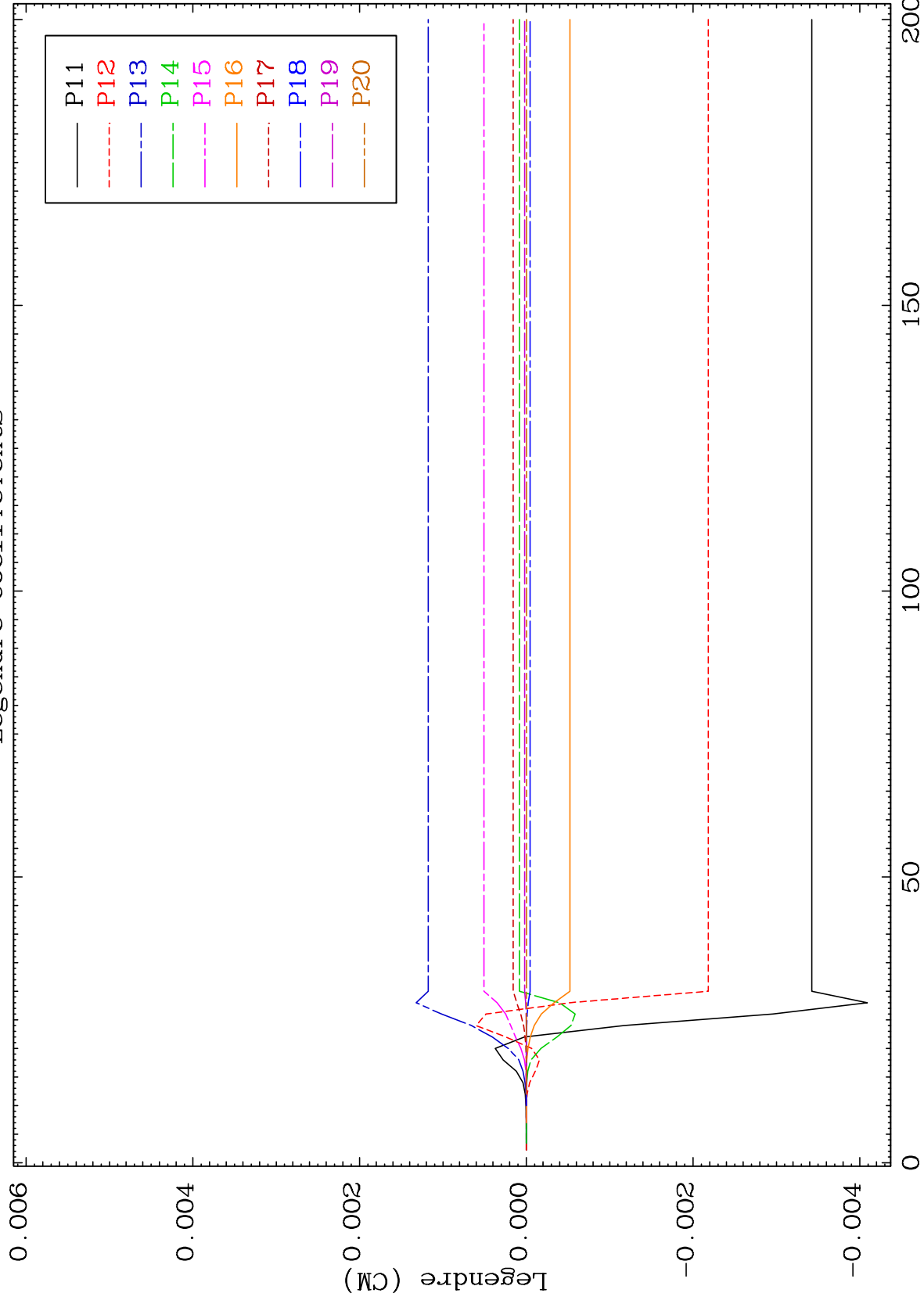
81-T1-185

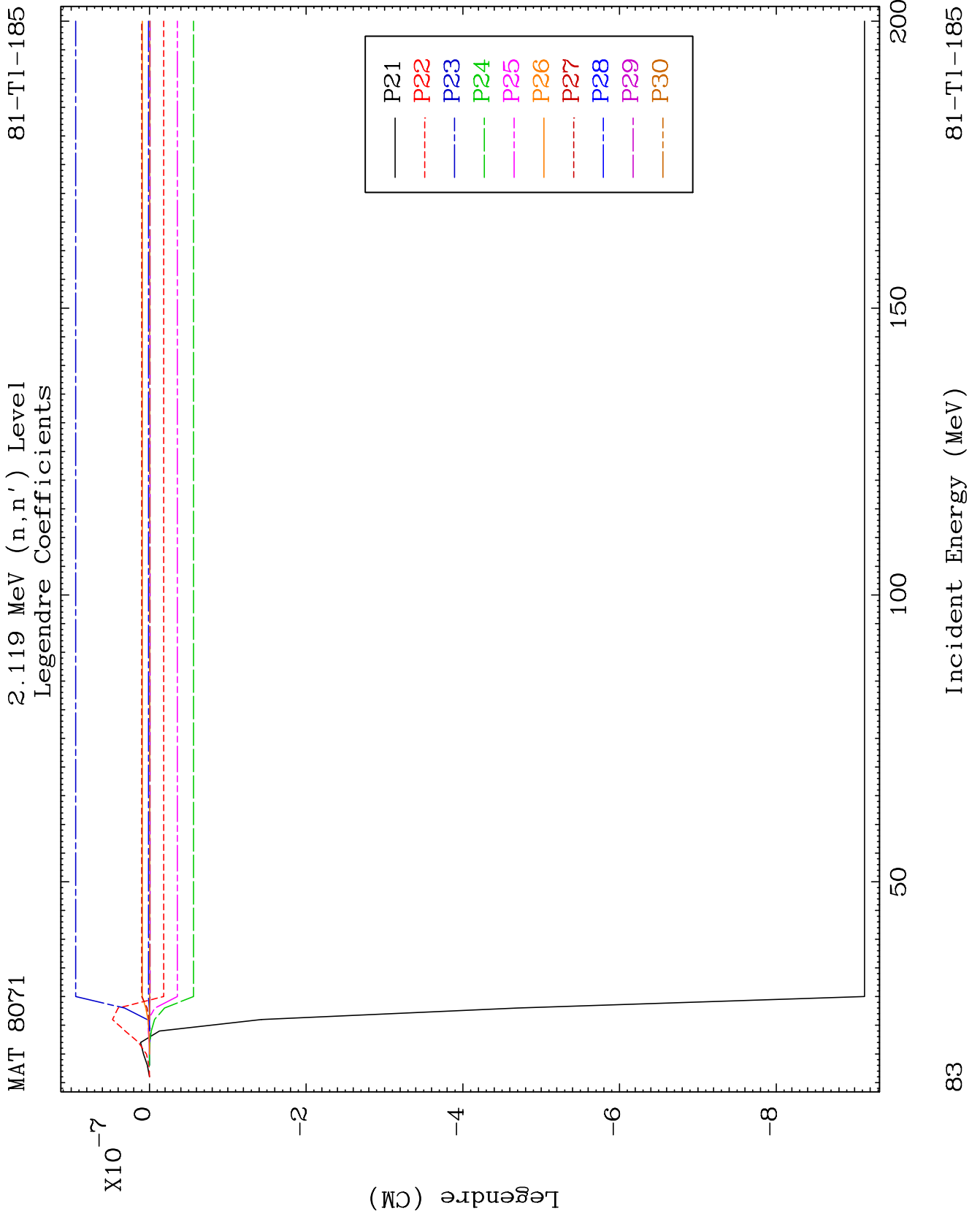


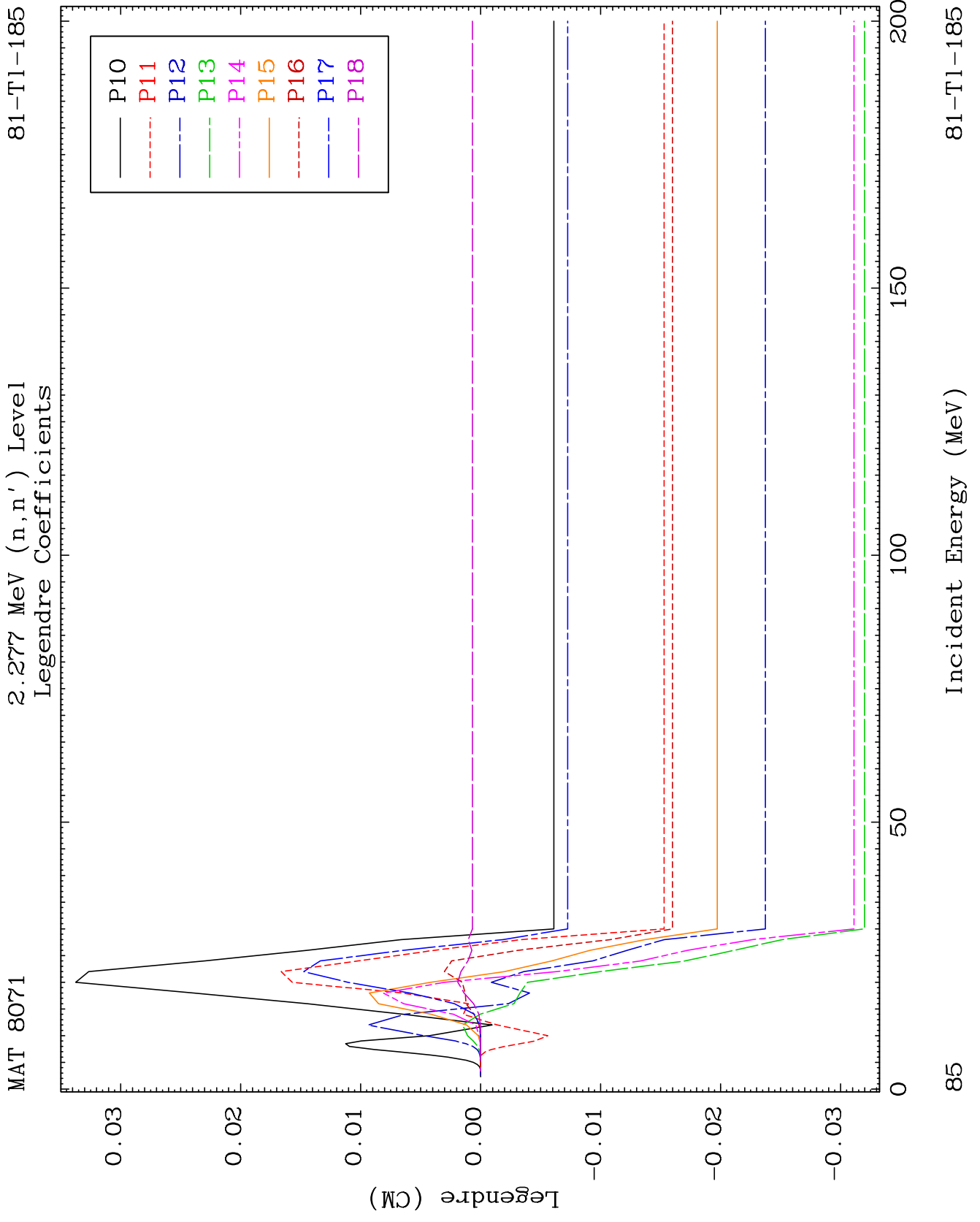
81

Incident Energy (MeV)

81-T1-185



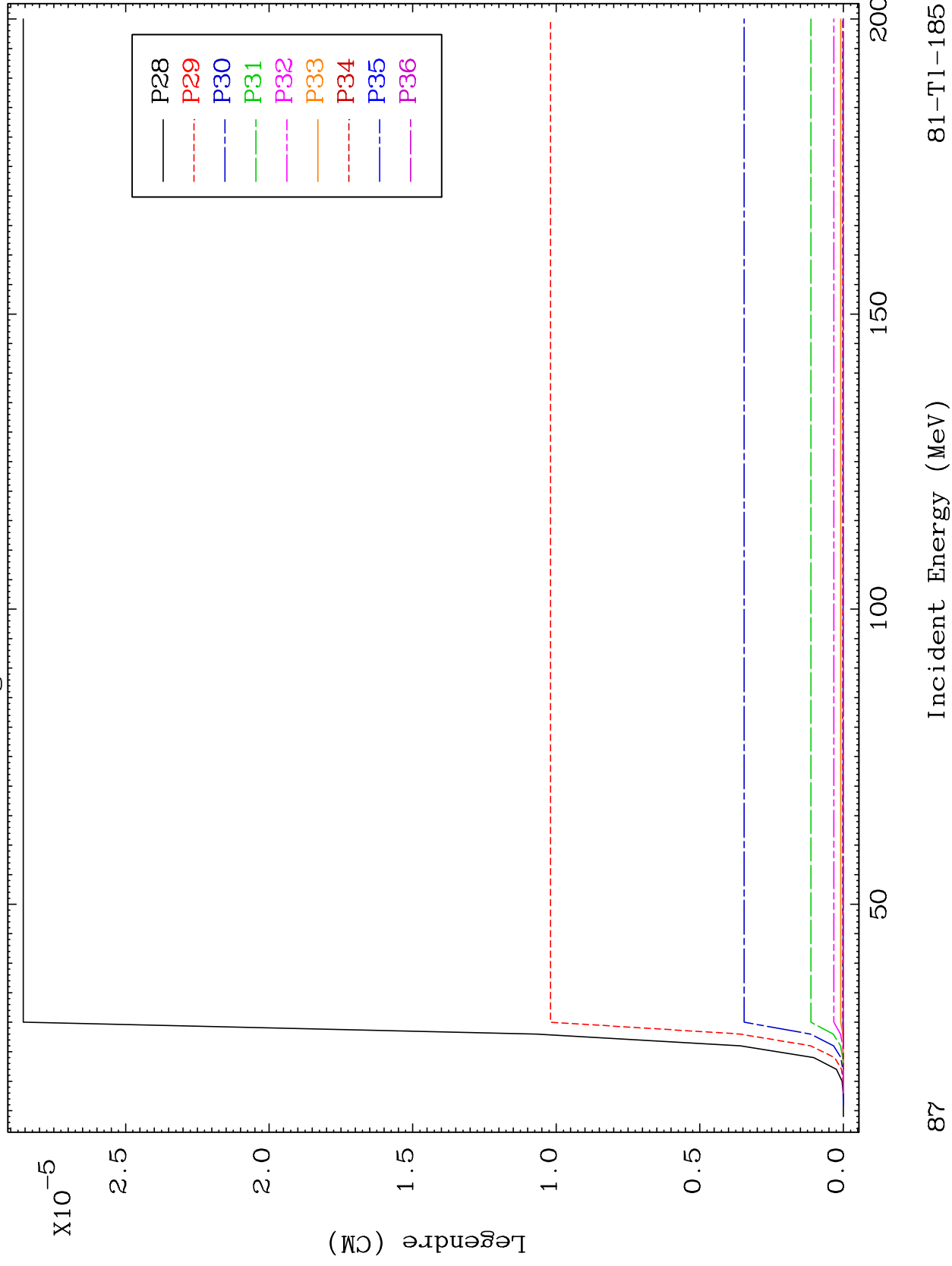




MAT 8071

2.277 MeV (n,n') Level
Legendre Coefficients

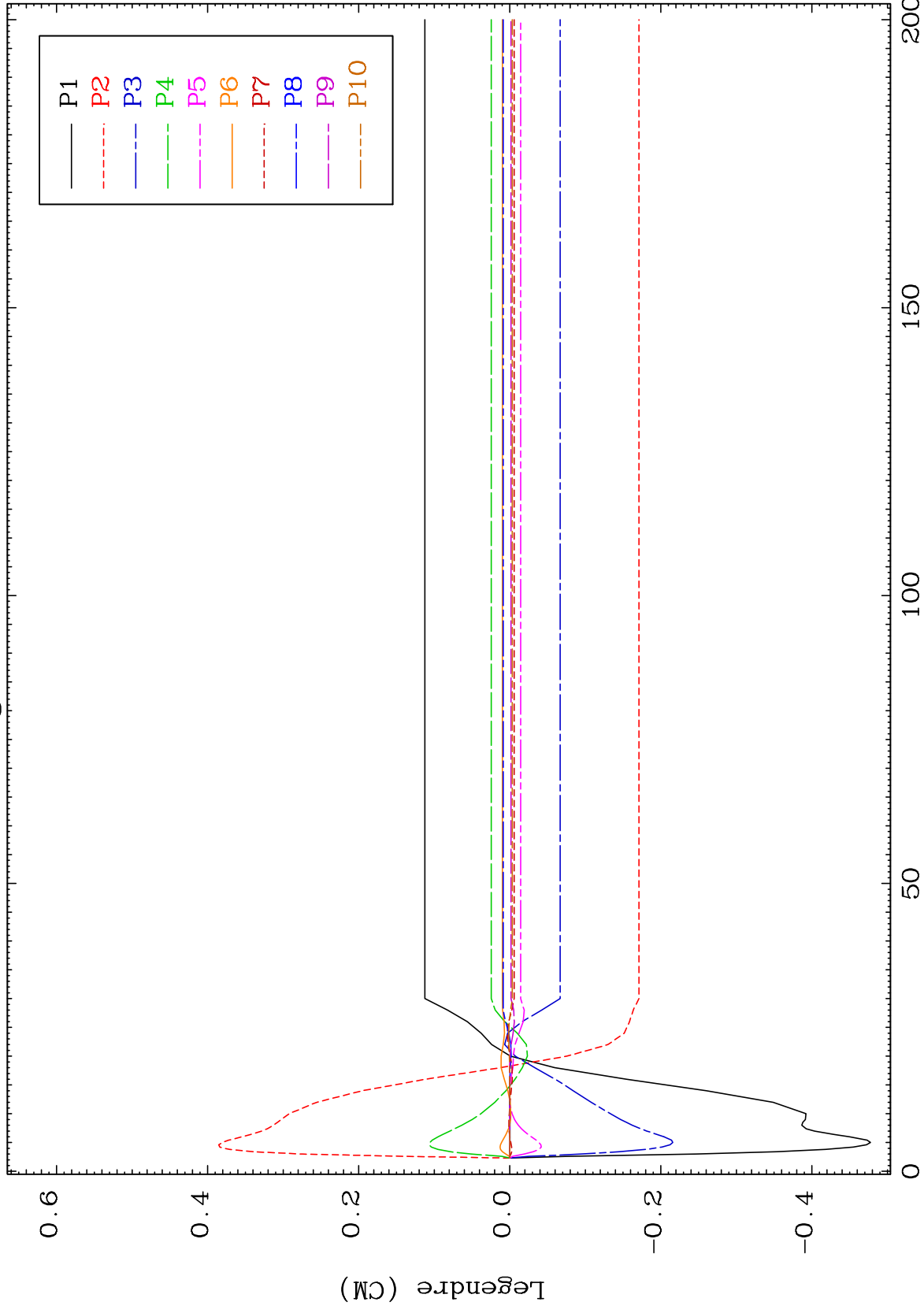
81-Tl-185



MAT 8071

2.290 MeV (n,n') Level
Legendre Coefficients

81-Tl-185



88

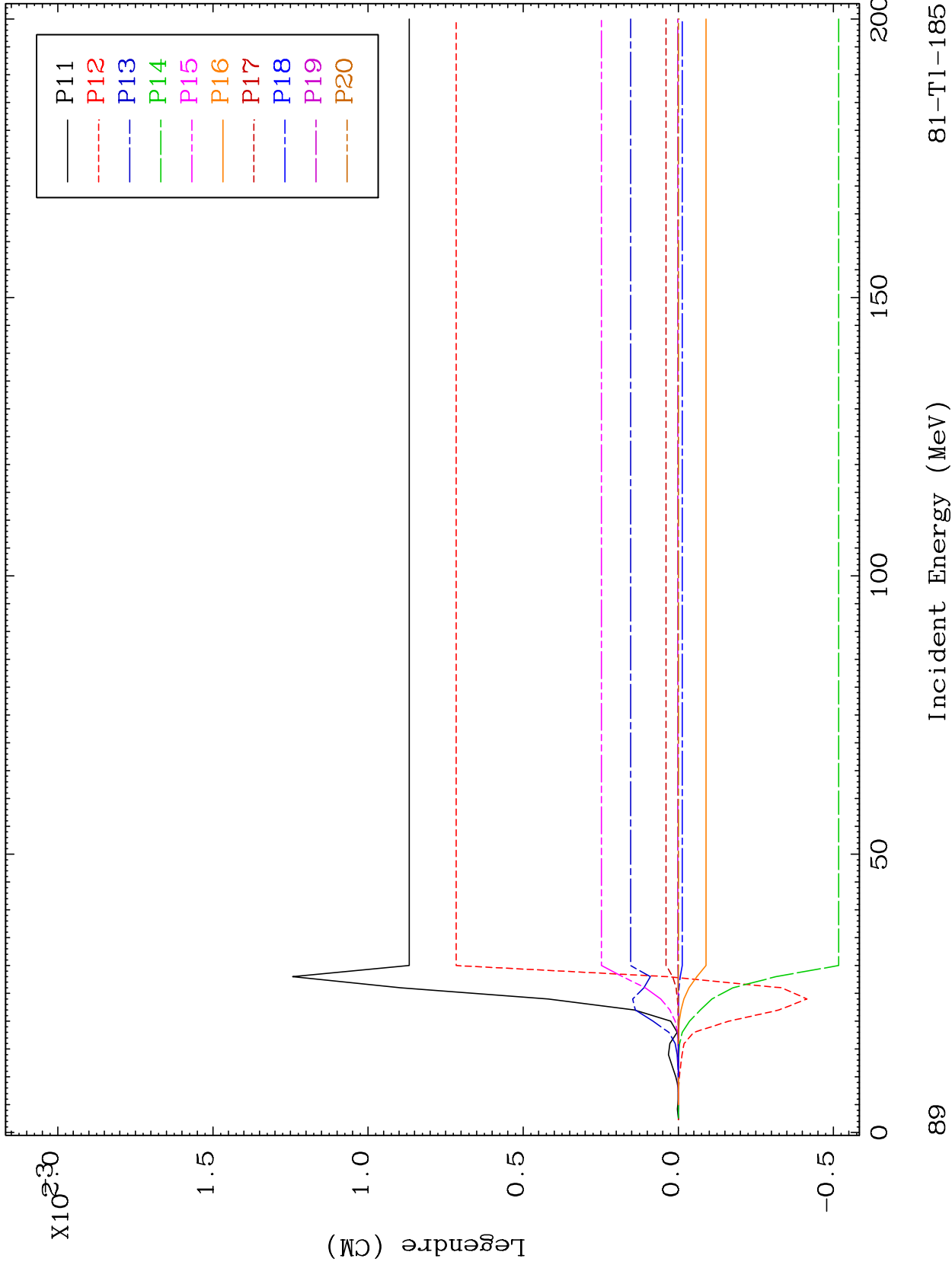
Incident Energy (MeV)

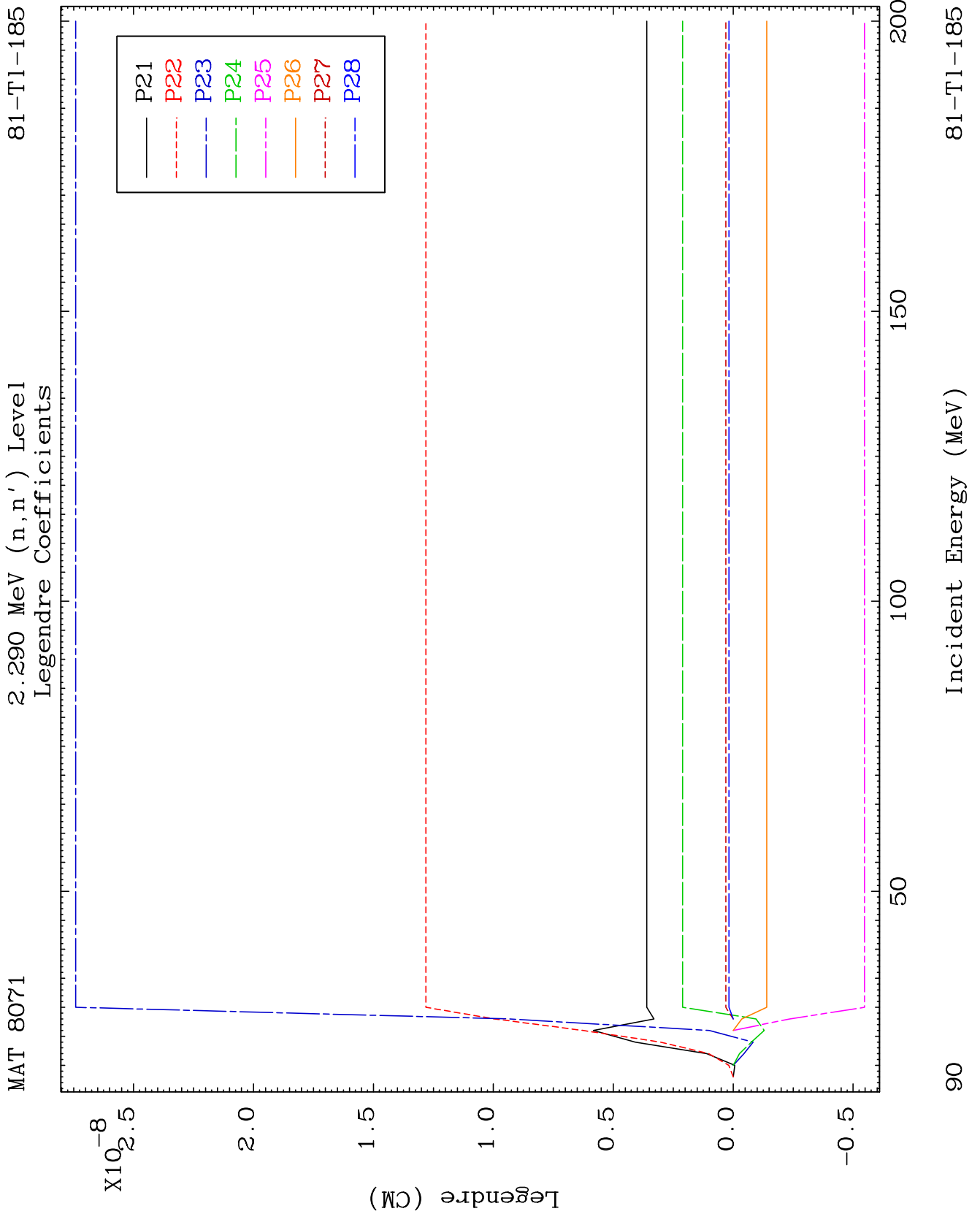
81-Tl-185

MAT 8071

2.290 MeV (n,n') Level
Legendre Coefficients

81-Tl-185

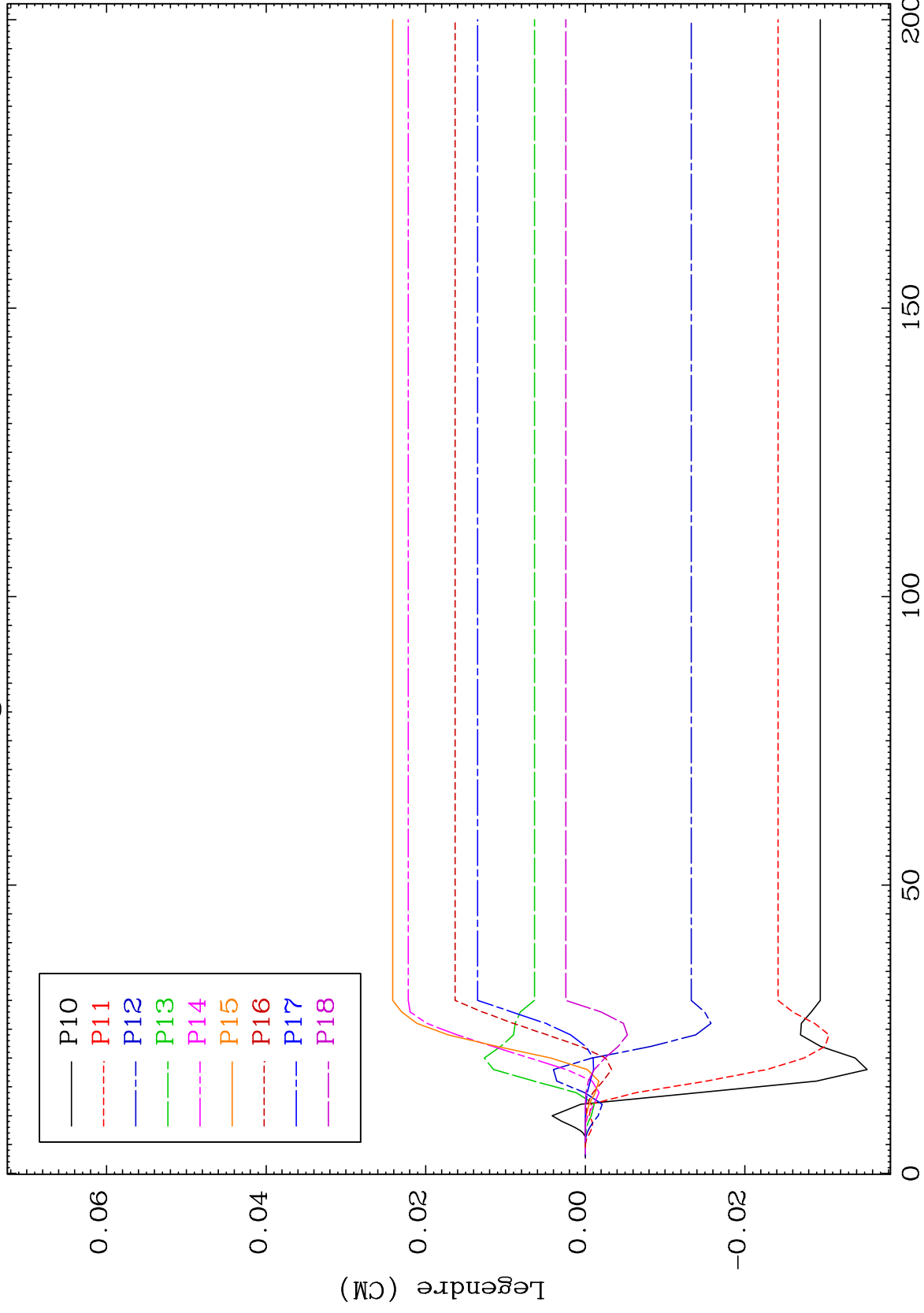




MAT 8071

2.642 MeV (n,n') Level
Legendre Coefficients

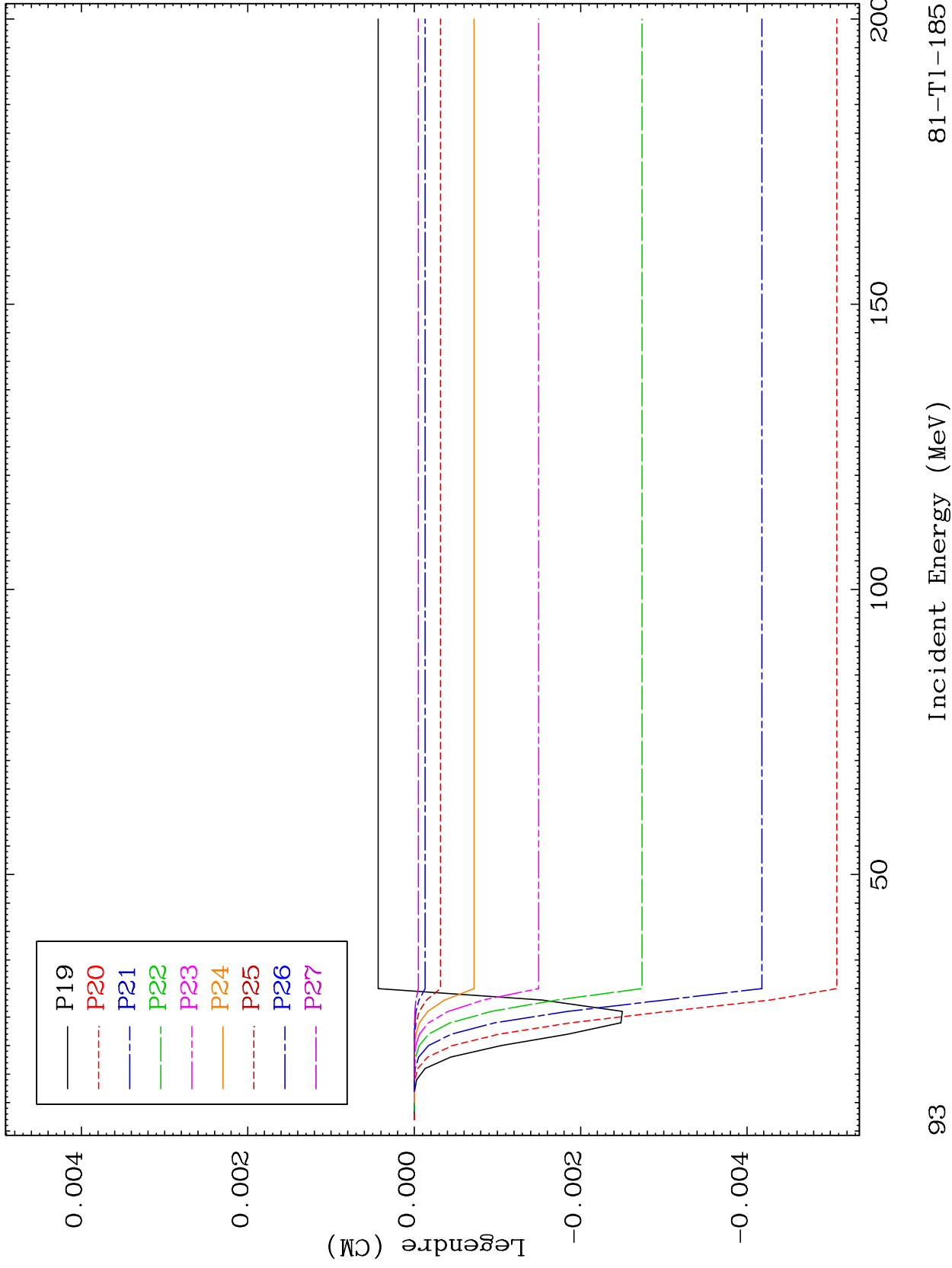
81-Tl-185

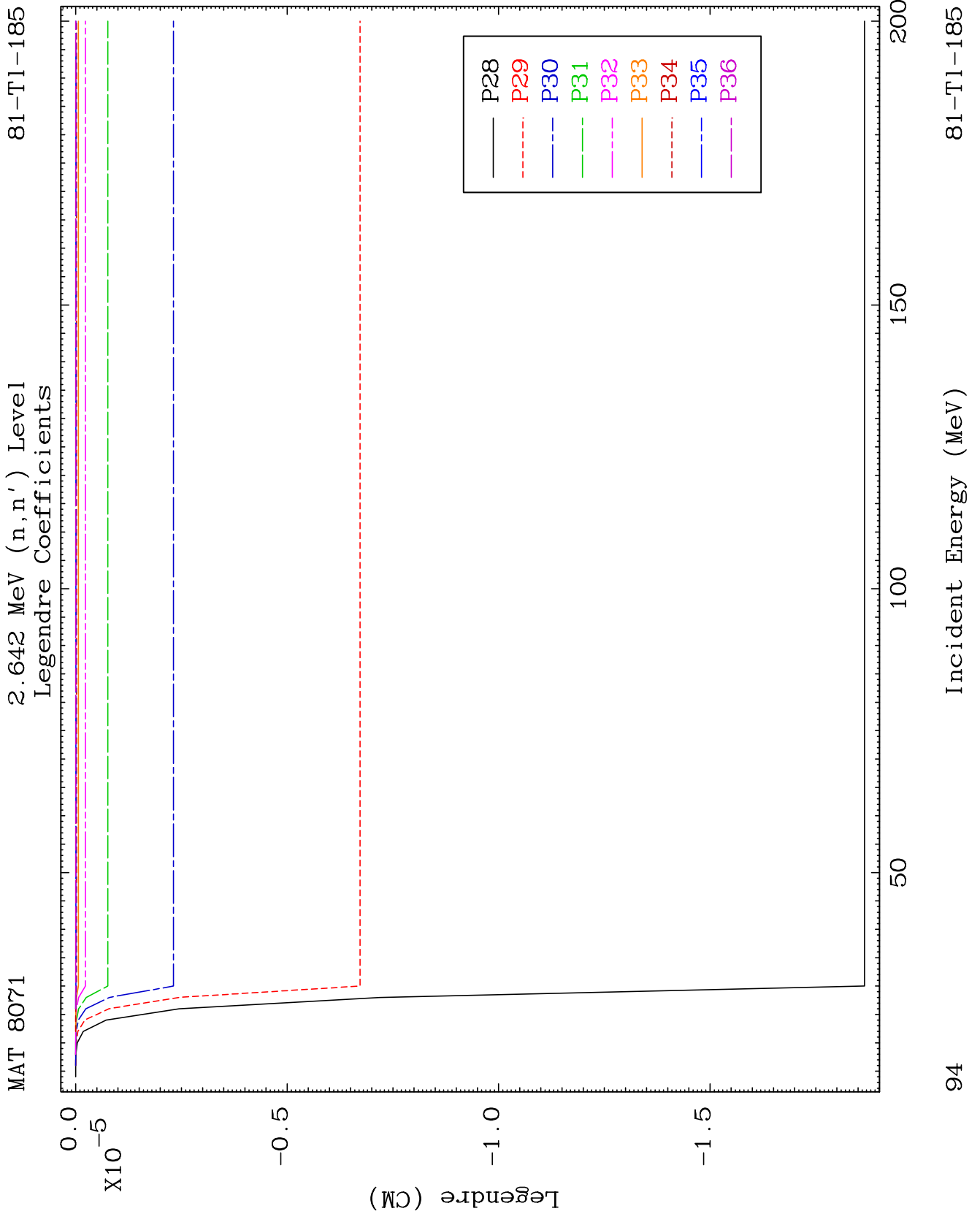


92

Incident Energy (MeV)

81-Tl-185

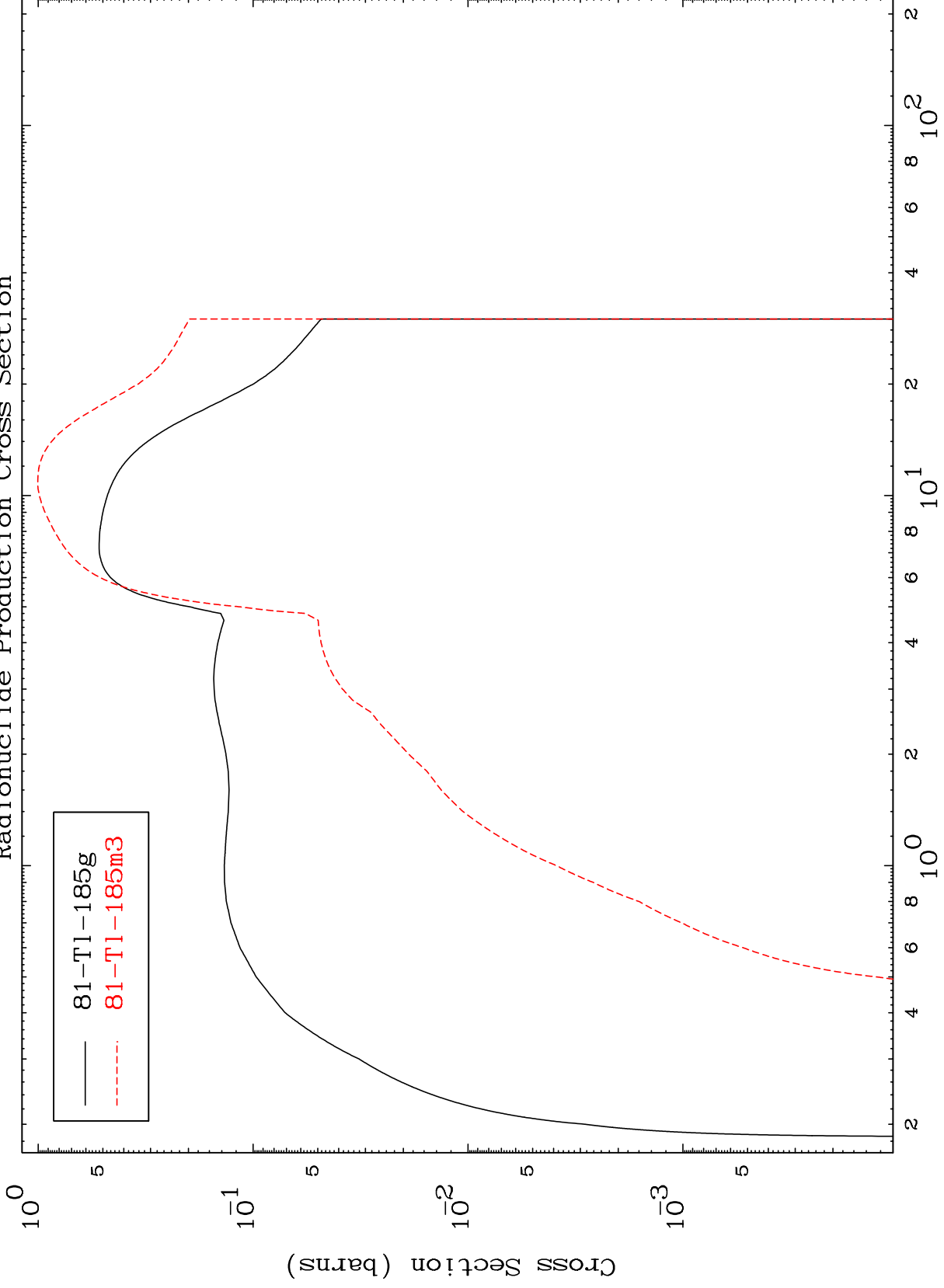




MAT 8071

81-Tl-185

Inelastic
Radionuclide Production Cross Section



81-Tl-185g
81-Tl-185m3

95

81-Tl-185

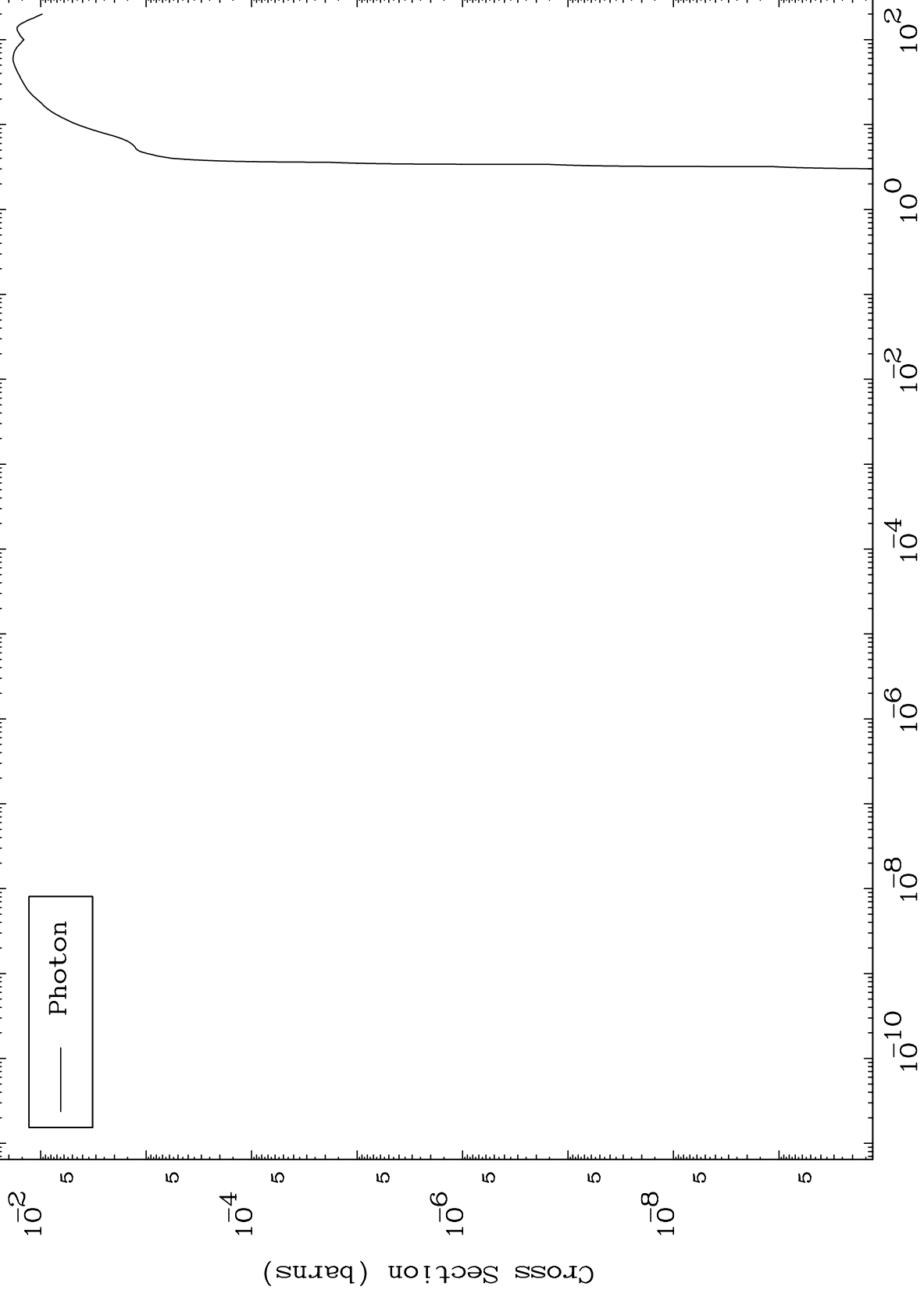
Incident Energy (MeV)

MAT 8071

Fission

81-Tl-185

Radionuclide Production Cross Section



96

Incident Energy (MeV)

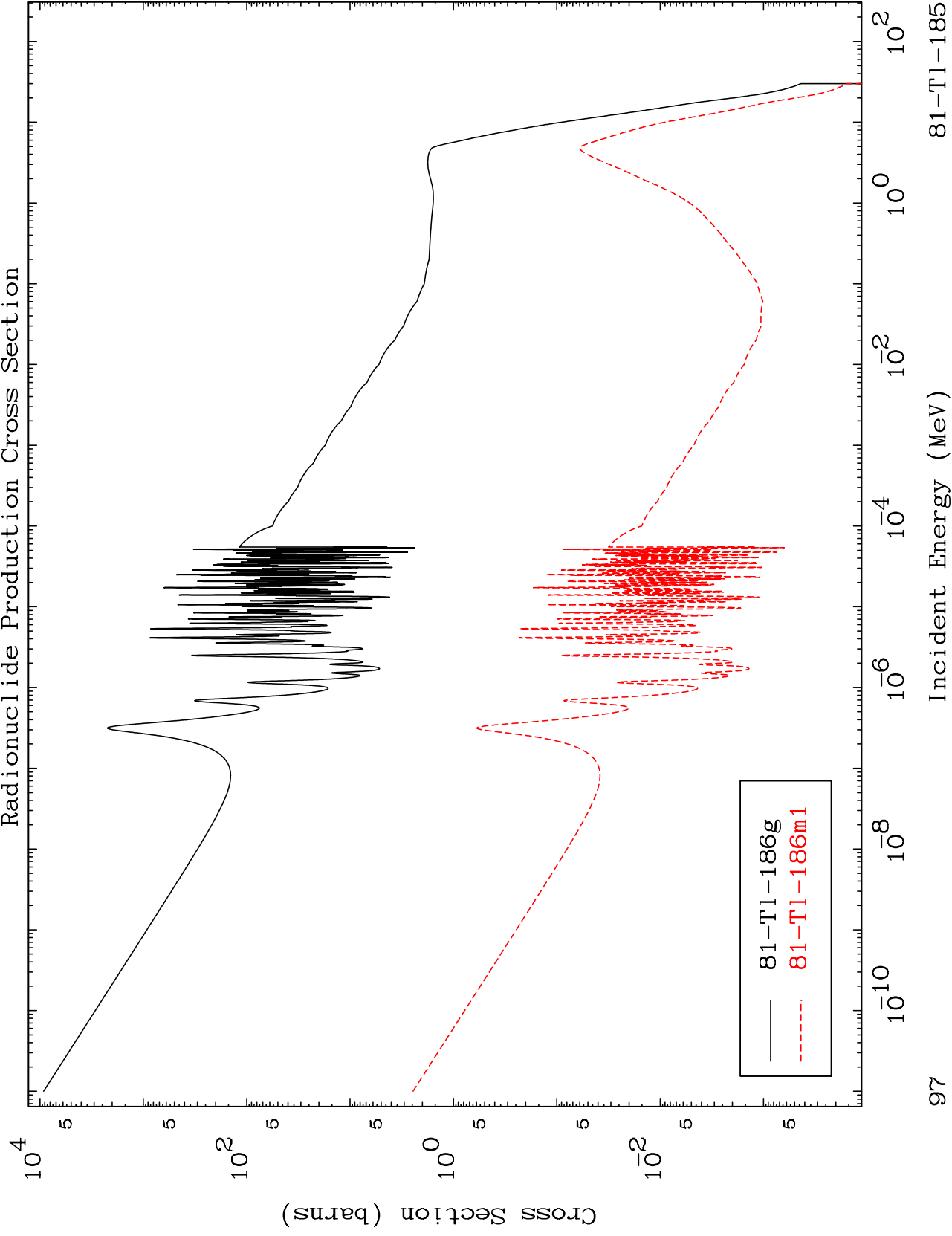
81-Tl-185

MAT 8071

81-Tl-185

Radionuclide Production Cross Section

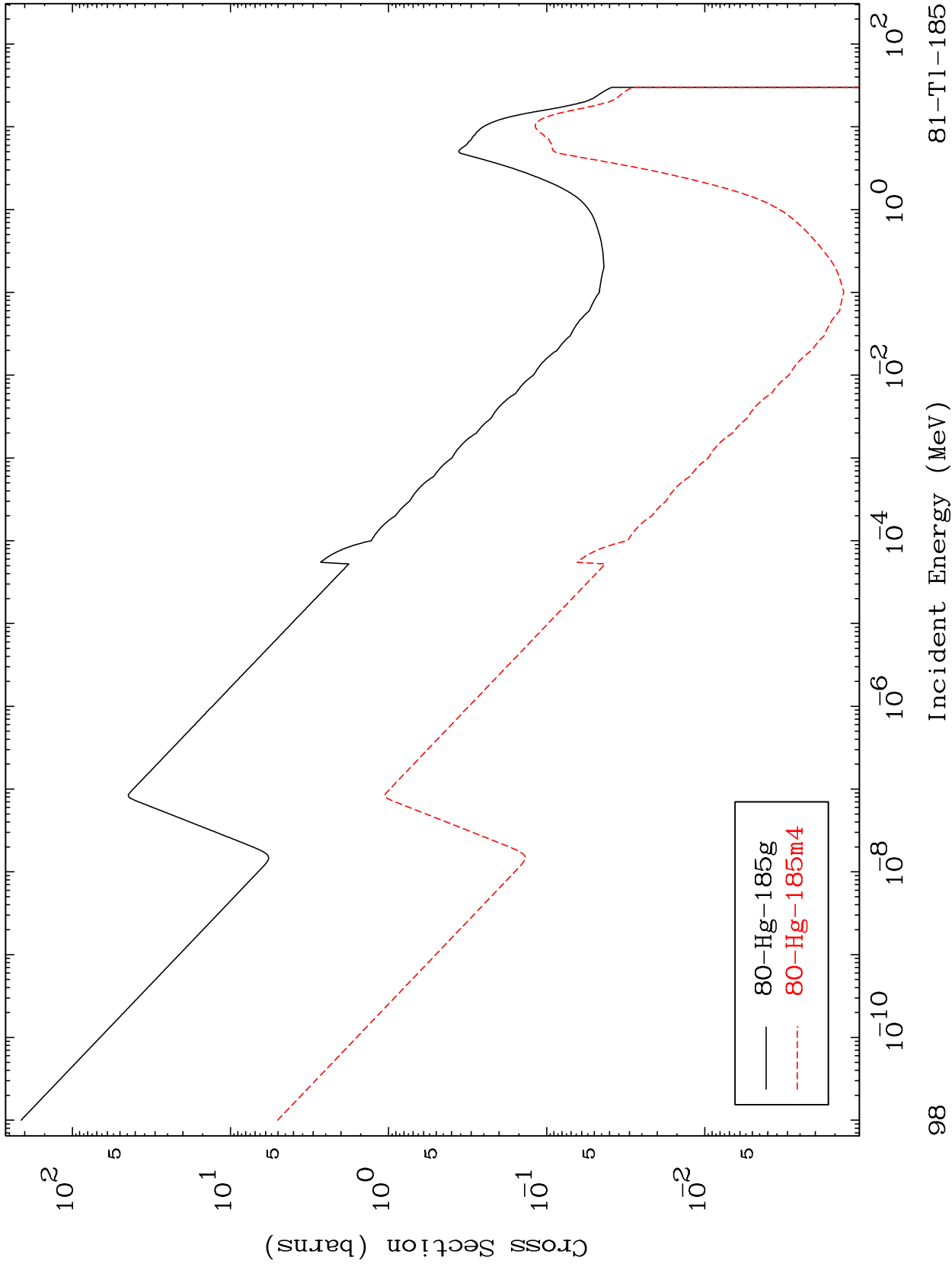
(n, γ)



MAT 8071

81-Tl-185

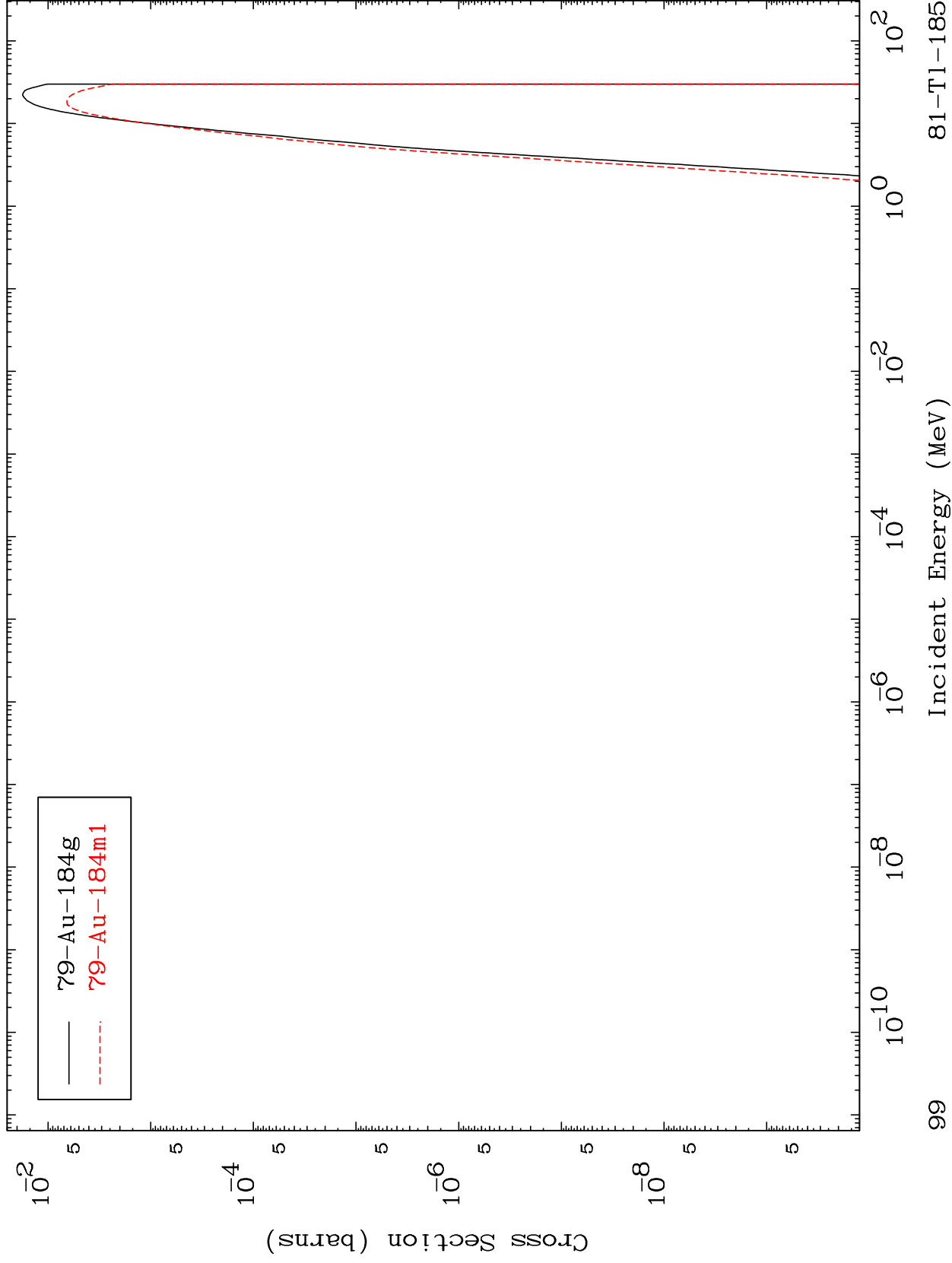
(n,p)
Radionuclide Production Cross Section



MAT 8071

81-Tl-185

(n,2p)
Radionuclide Production Cross Section



— $^{79}\text{Au-184g}$
- - - $^{79}\text{Au-184m1}$

99

81-Tl-185