

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

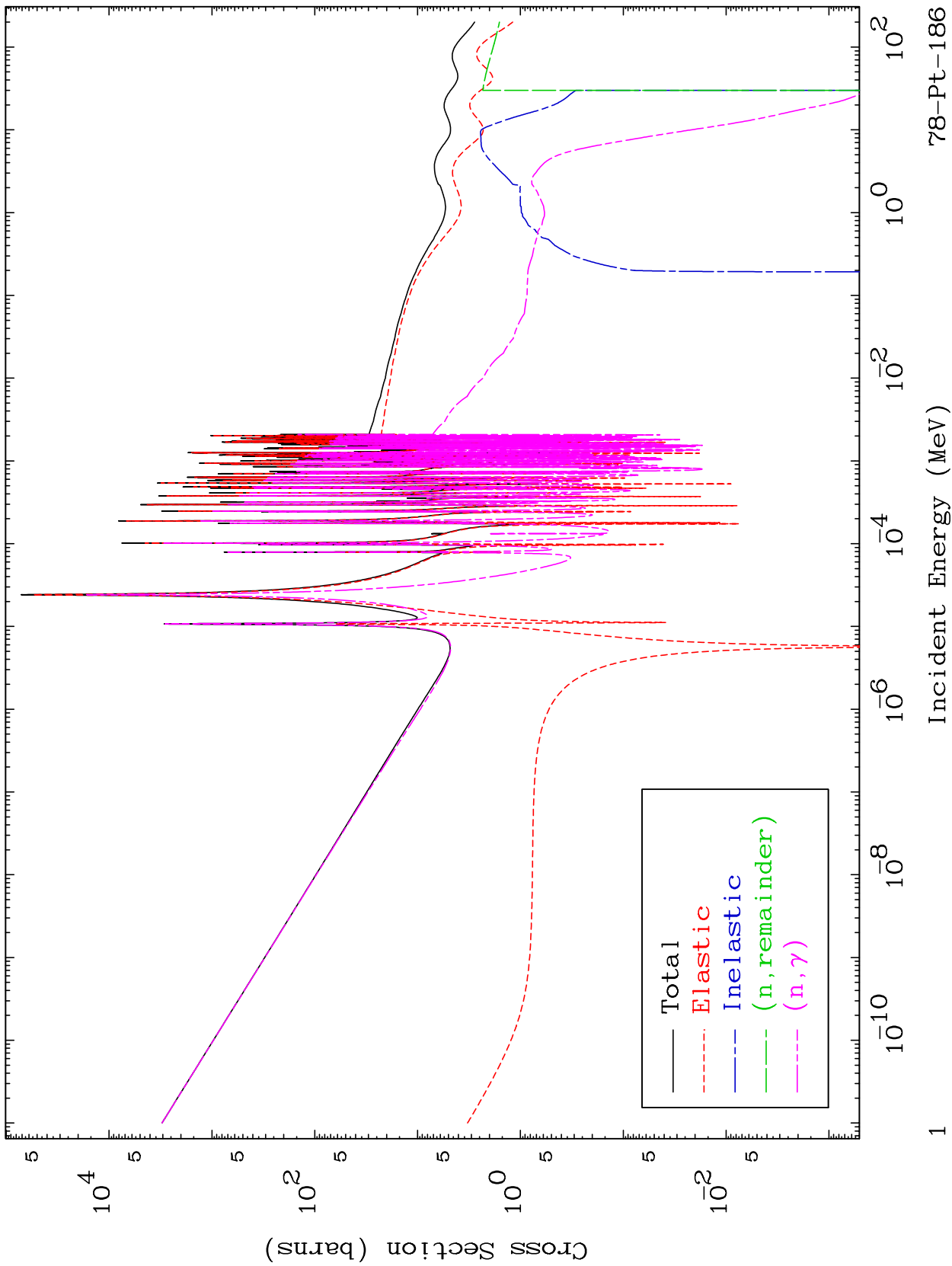
Press Mouse Button to Start

MAT 7813

Major

78-Pt-186

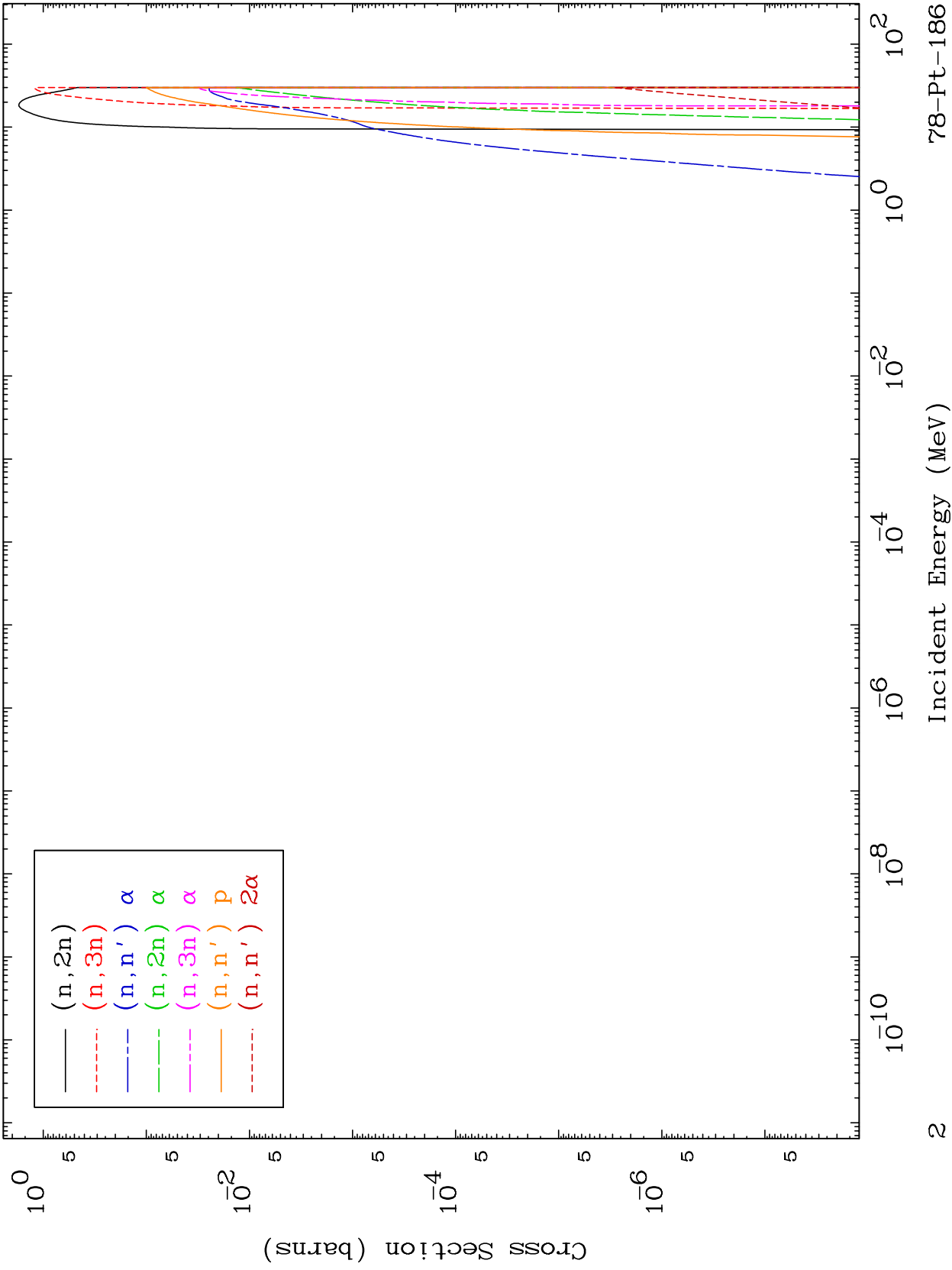
293 Kelvin Cross Sections

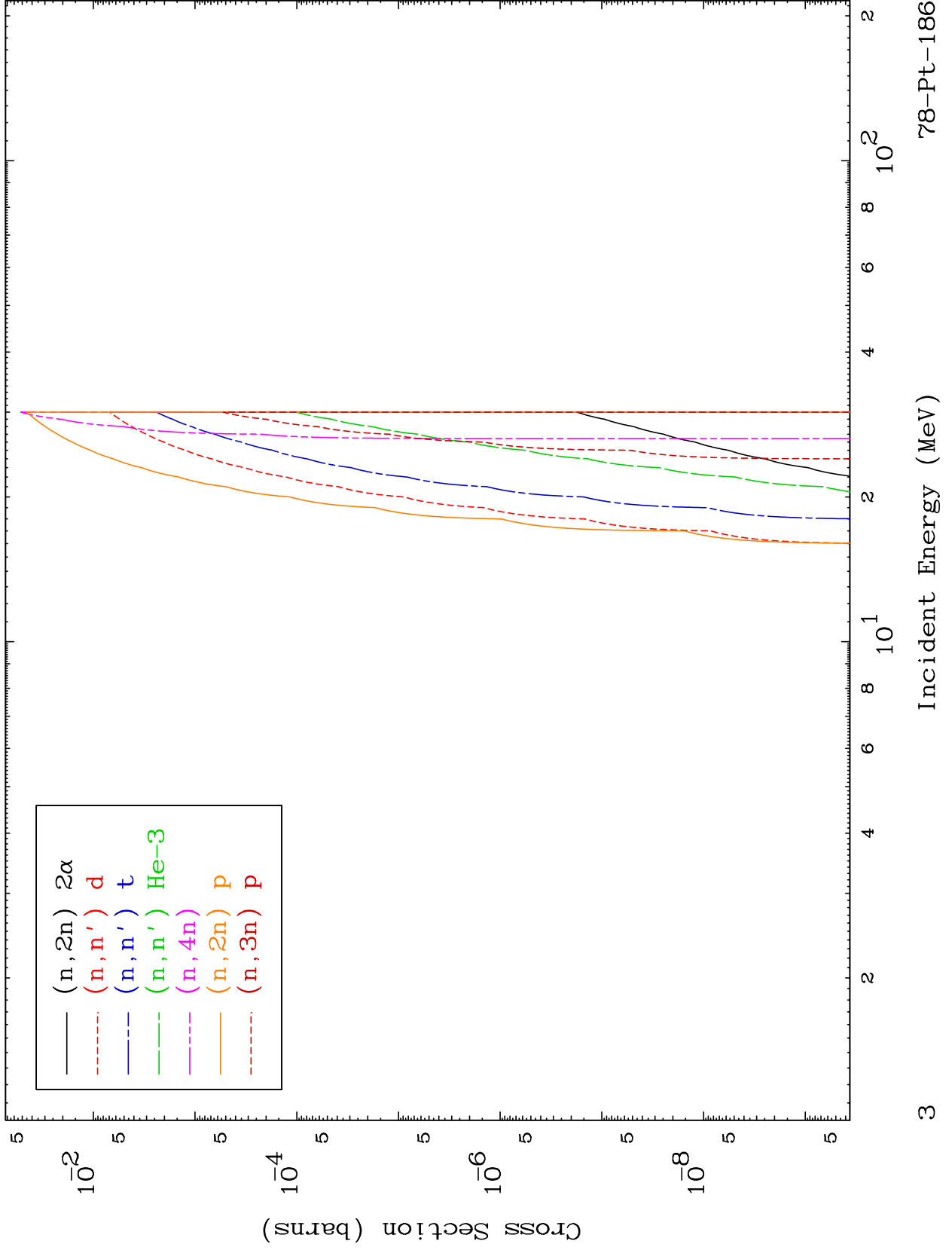


MAT 7813

Neutron Production
293 Kelvin Cross Sections

78-Pt-186

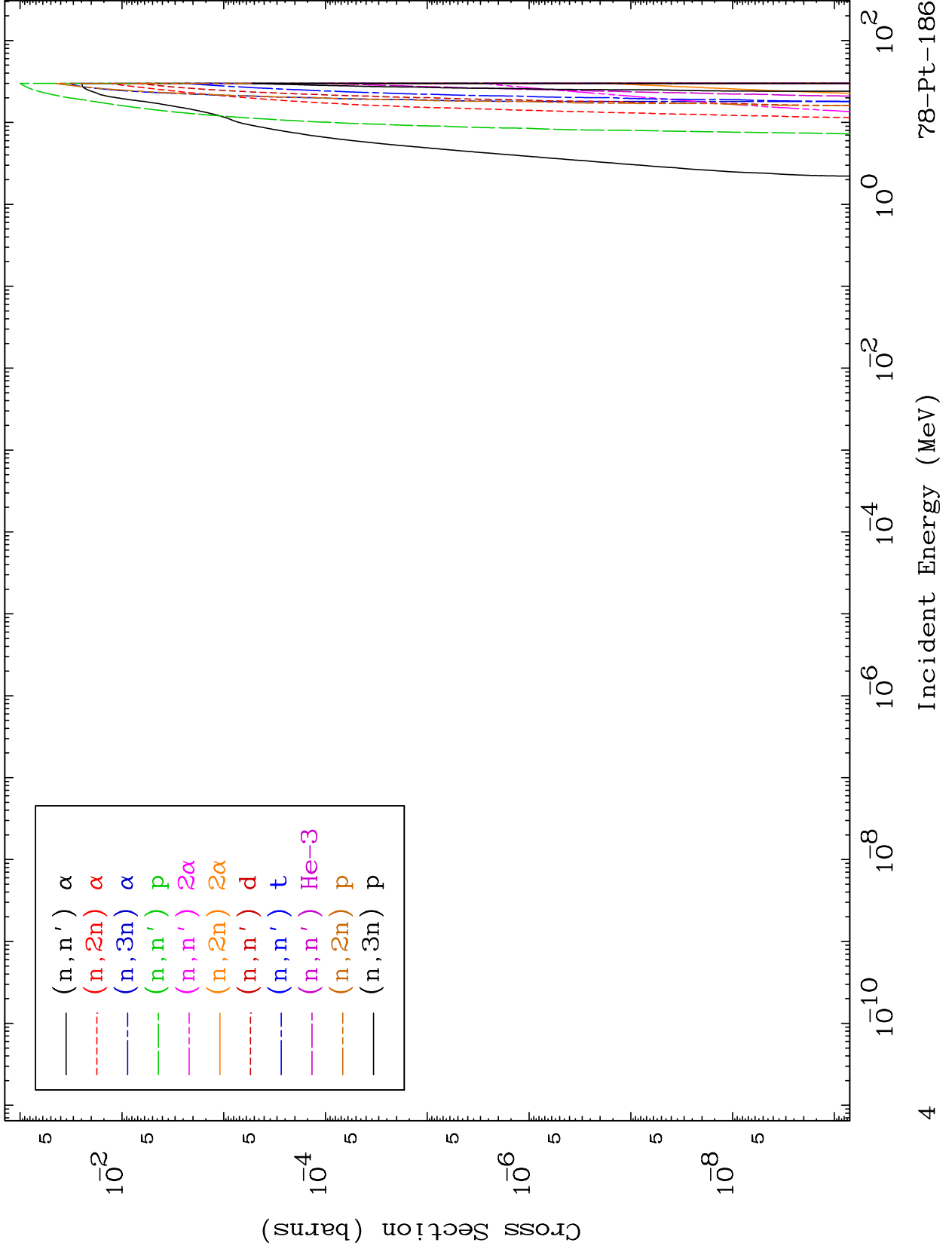




MAT 7813

Charged Particle
293 Kelvin Cross Sections

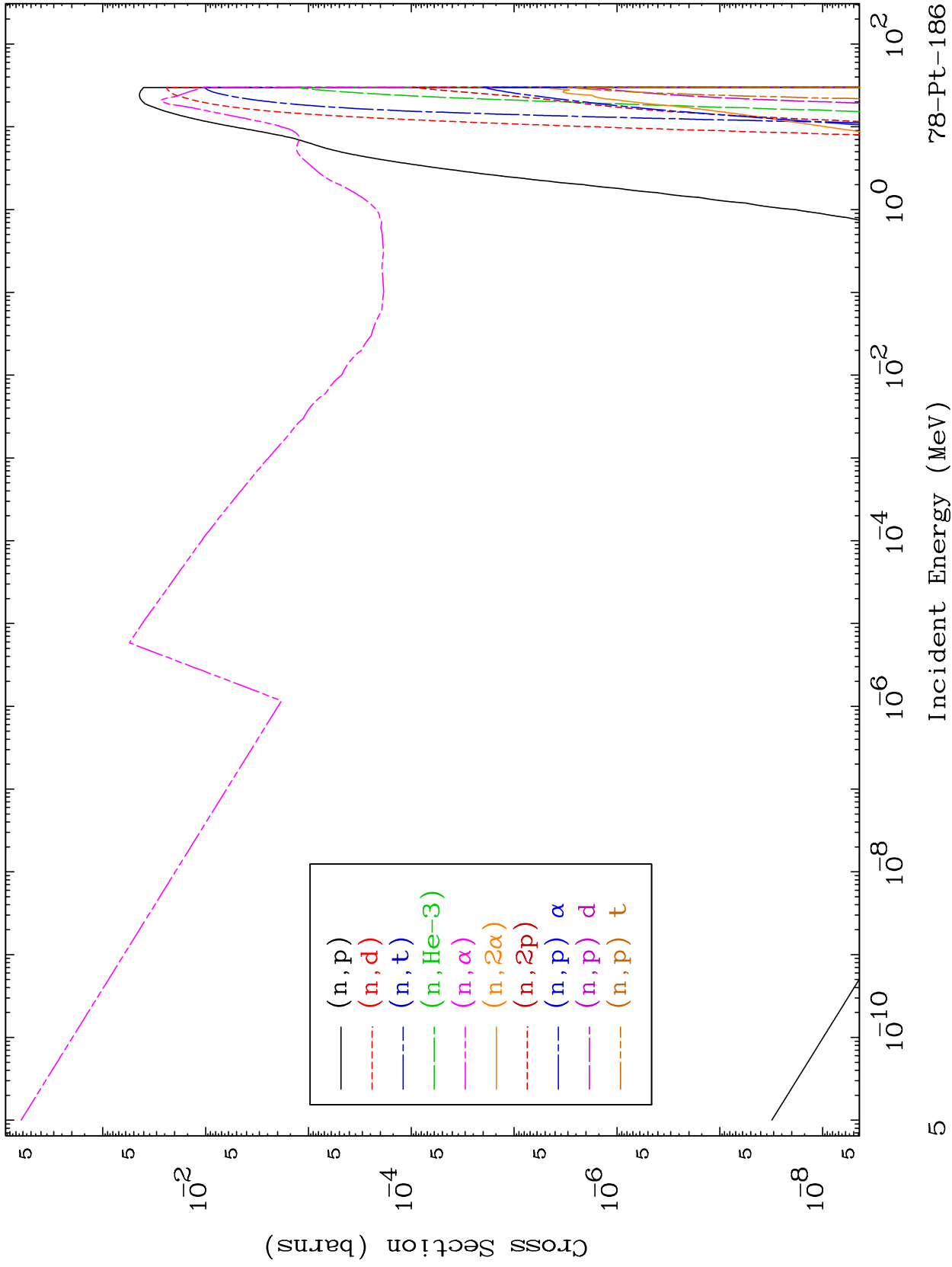
78-Pt-186



MAT 7813

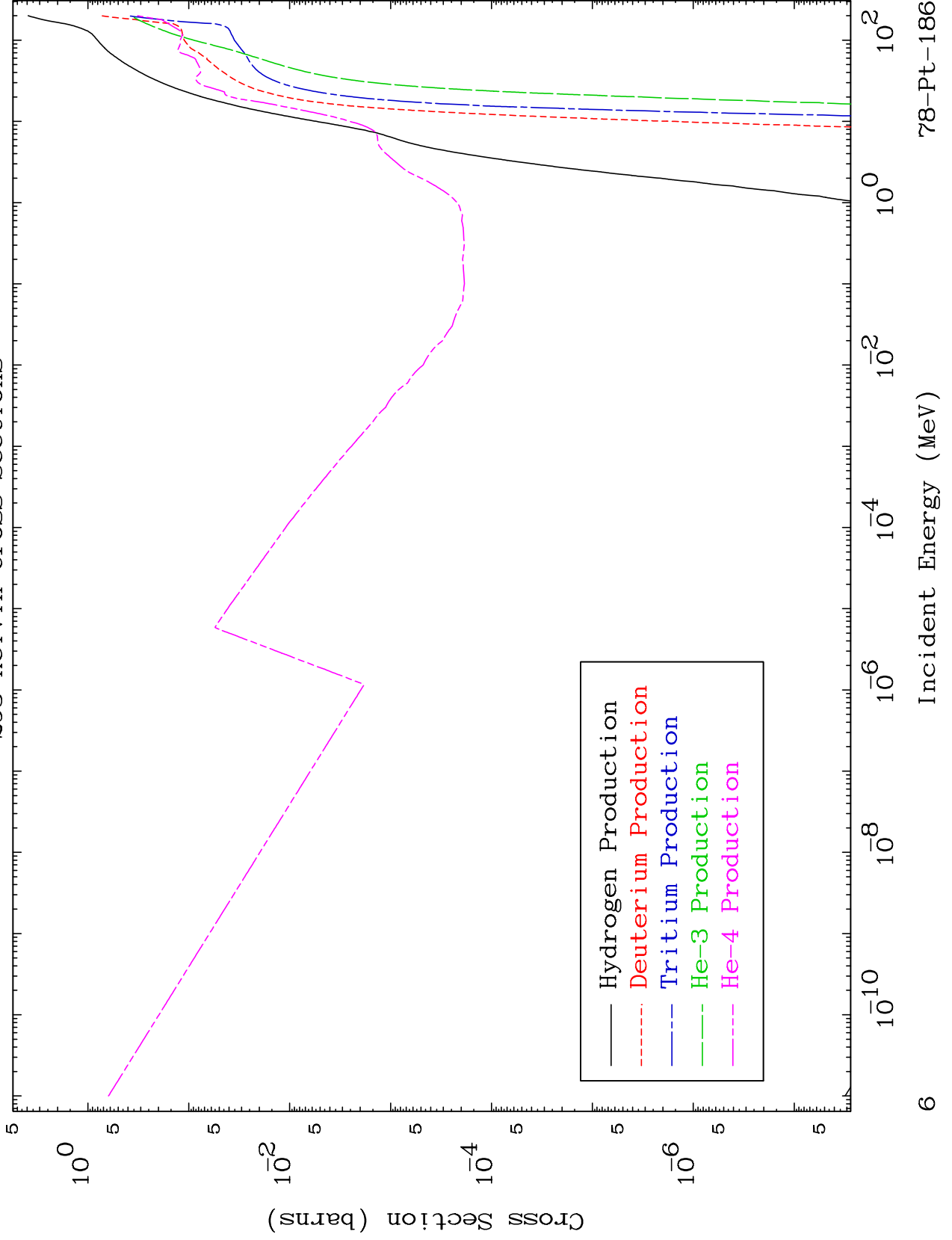
Charged Particle
293 Kelvin Cross Sections

78-Pt-186



5

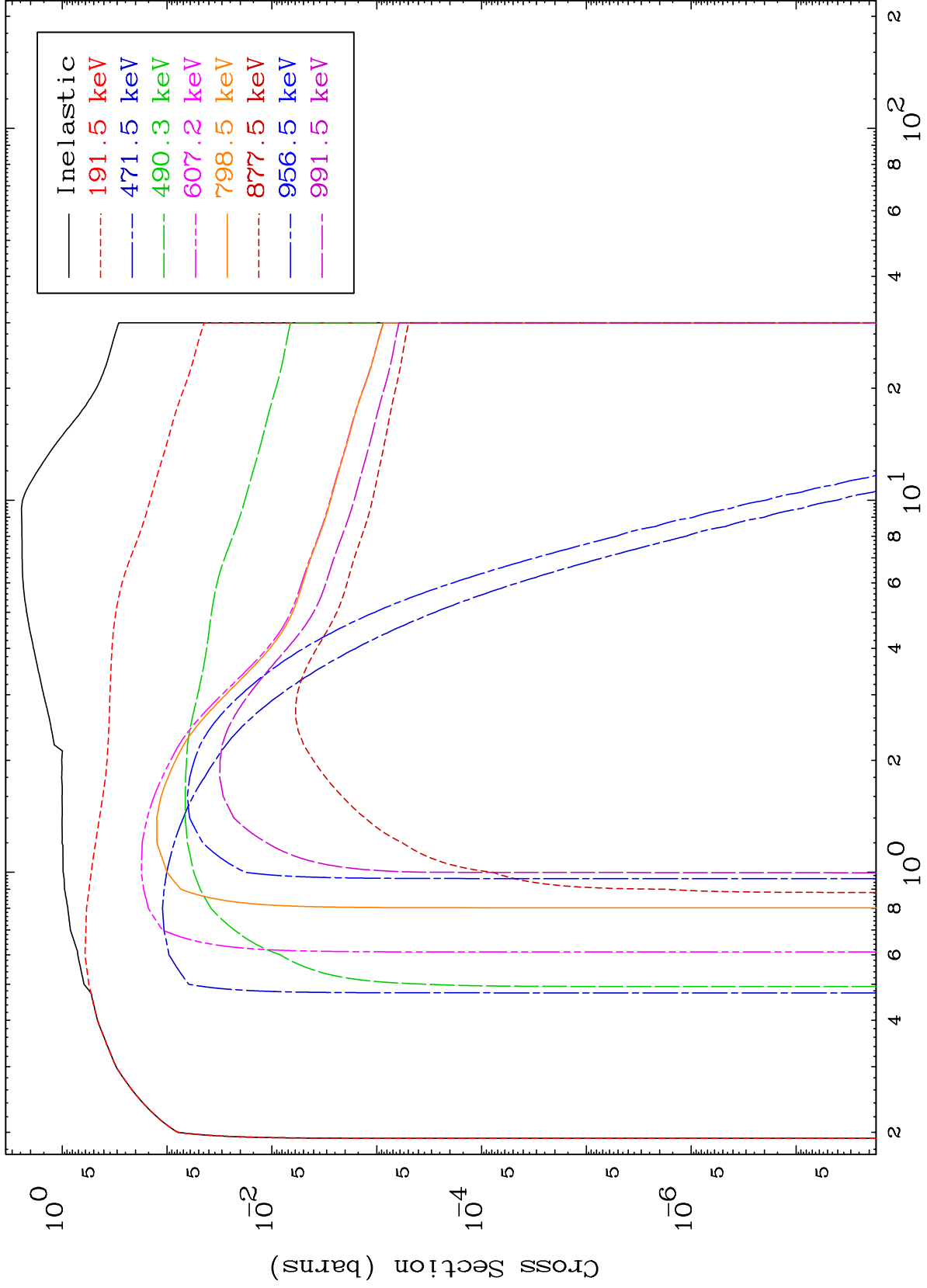
78-Pt-186



MAT 7813

(n,n') Level
293 Kelvin Cross Sections

78-Pt-186



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Incident Energy (MeV)

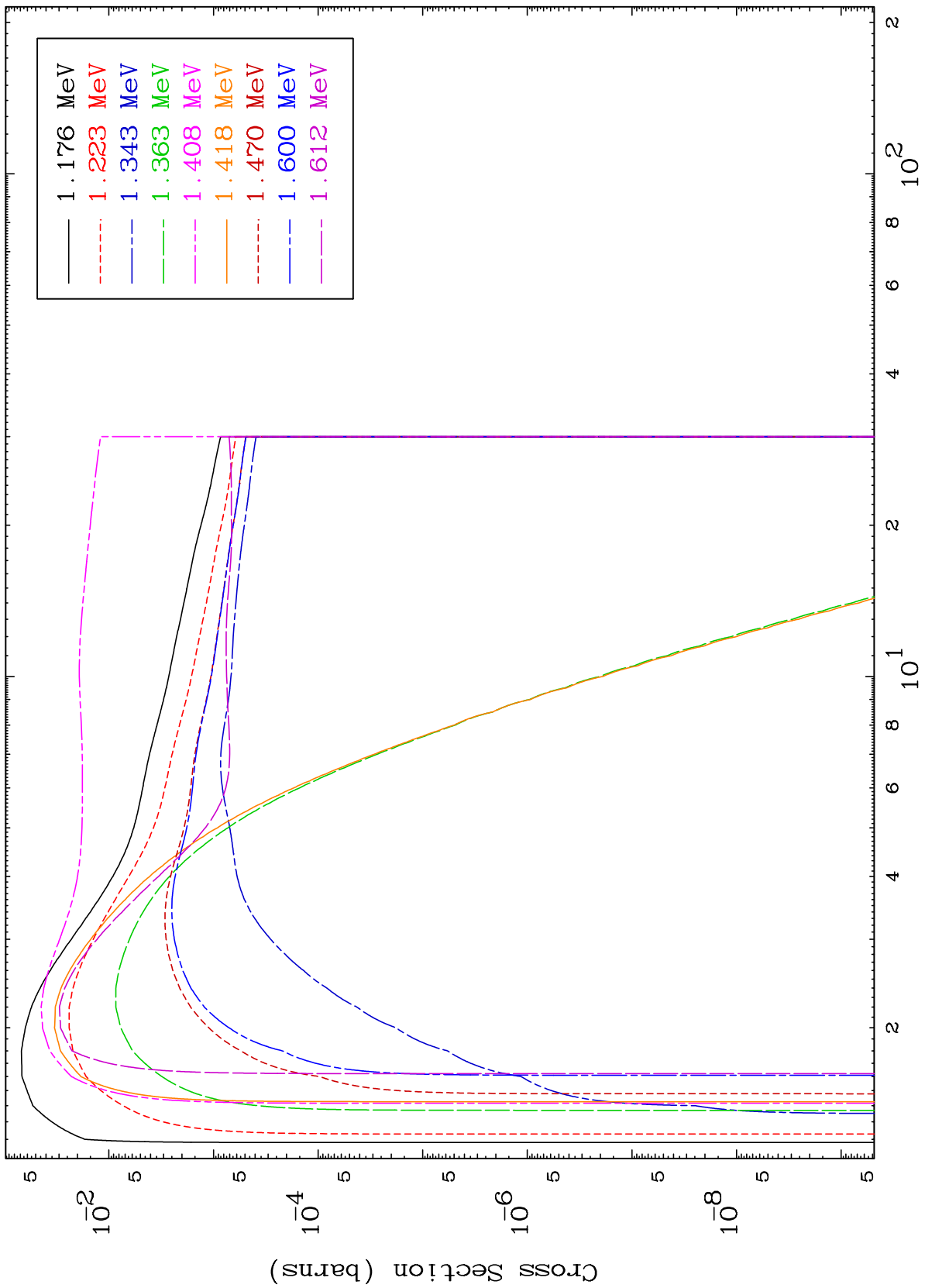
78-Pt-186

MAT 7813

(n,n') Level

78-Pt-186

293 Kelvin Cross Sections



8

Incident Energy (MeV)

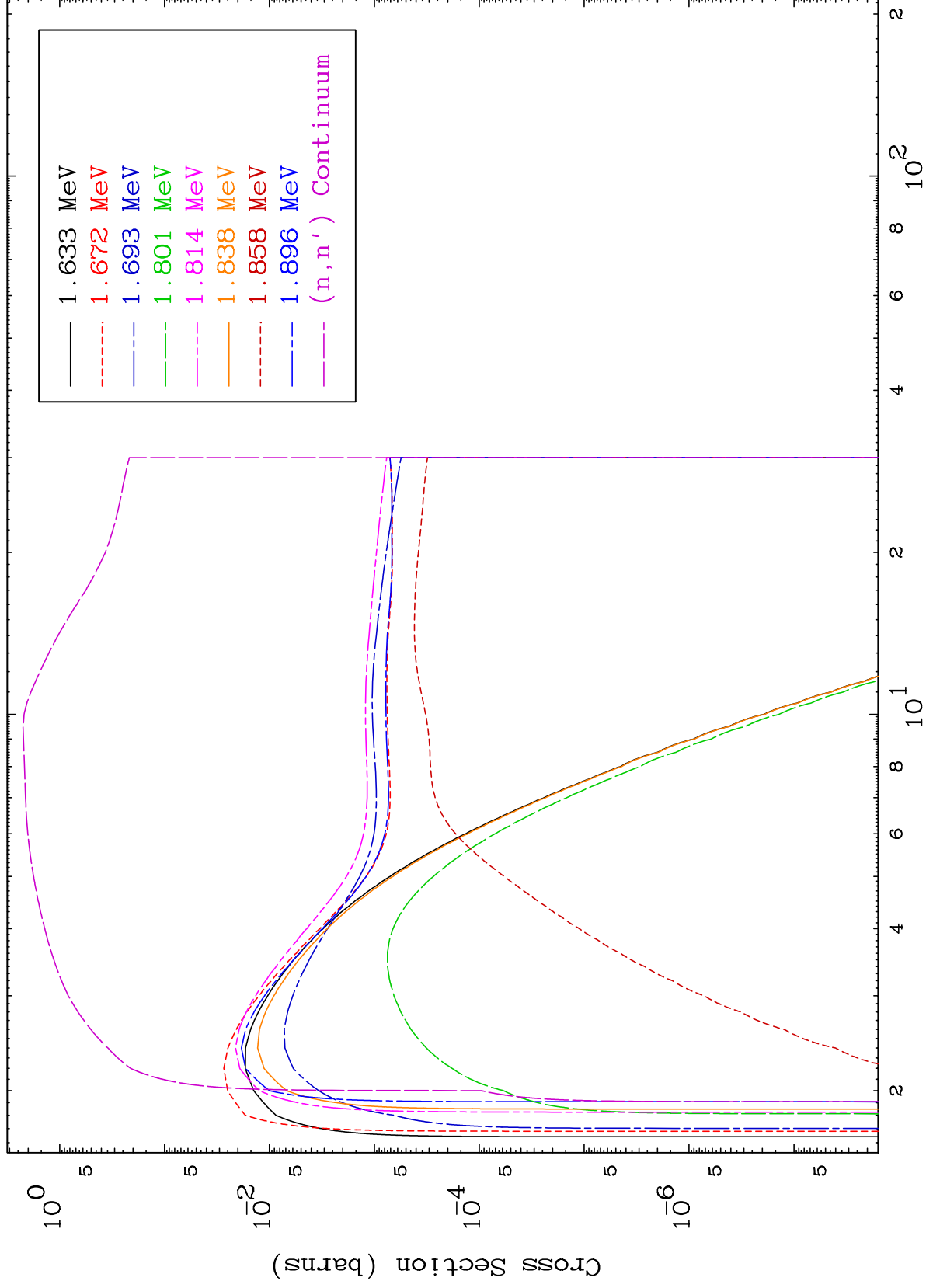
78-Pt-186

MAT 7813

(n,n') Level

78-Pt-186

293 Kelvin Cross Sections



9

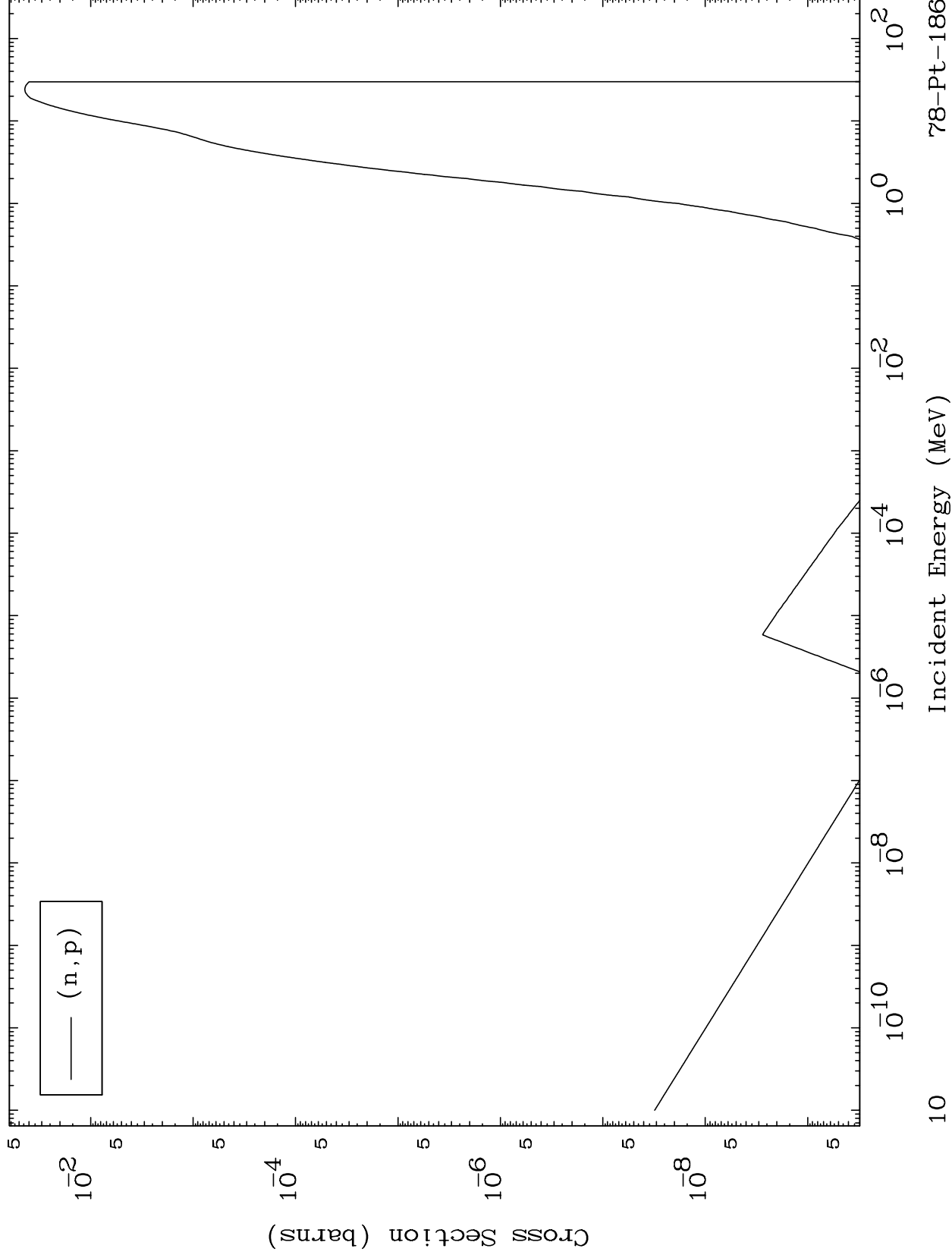
Incident Energy (MeV)

78-Pt-186

MAT 7813

(n,p) Levels
293 Kelvin Cross Sections

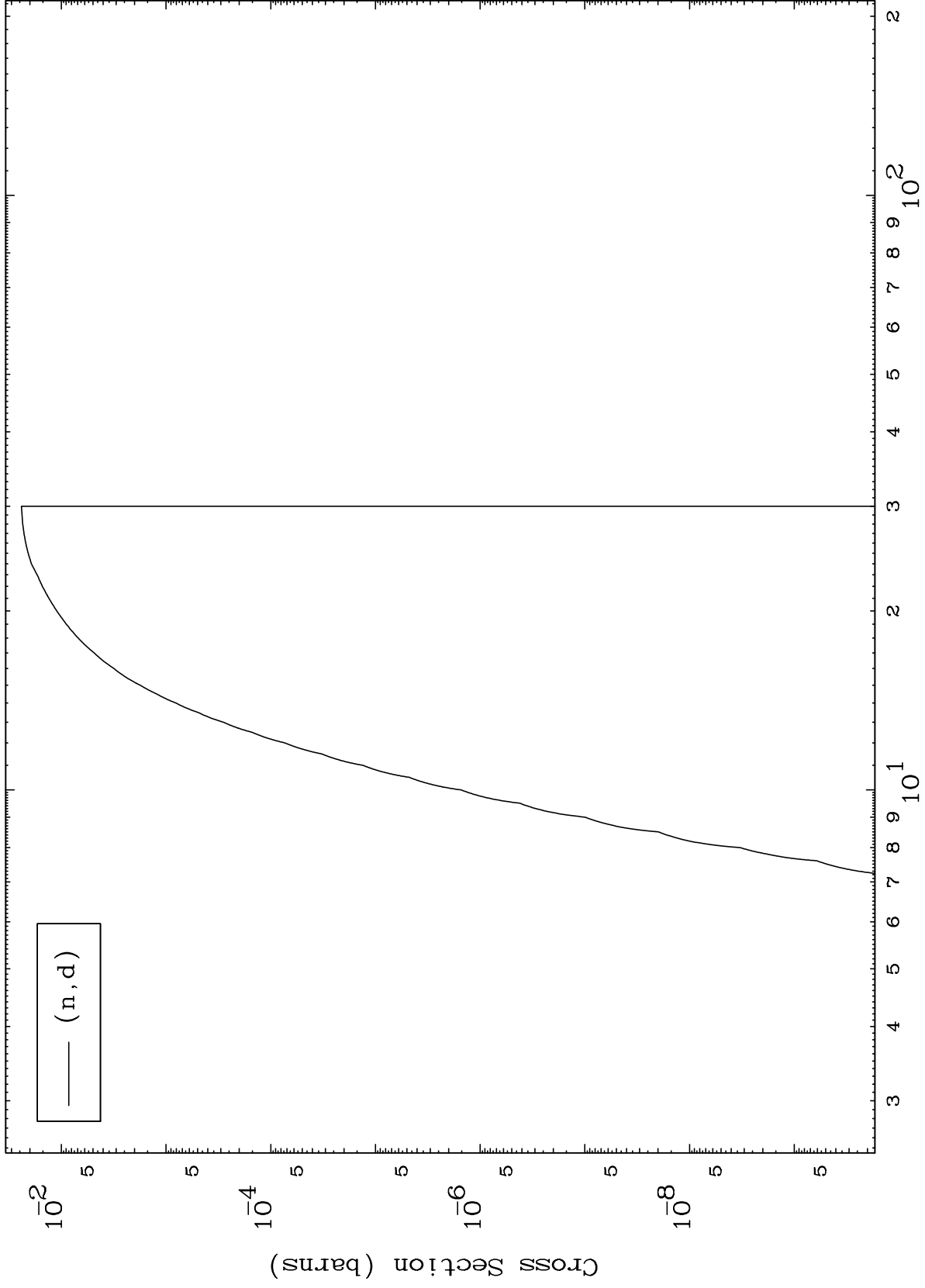
78-Pt-186



MAT 7813

(n,d) Levels
293 Kelvin Cross Sections

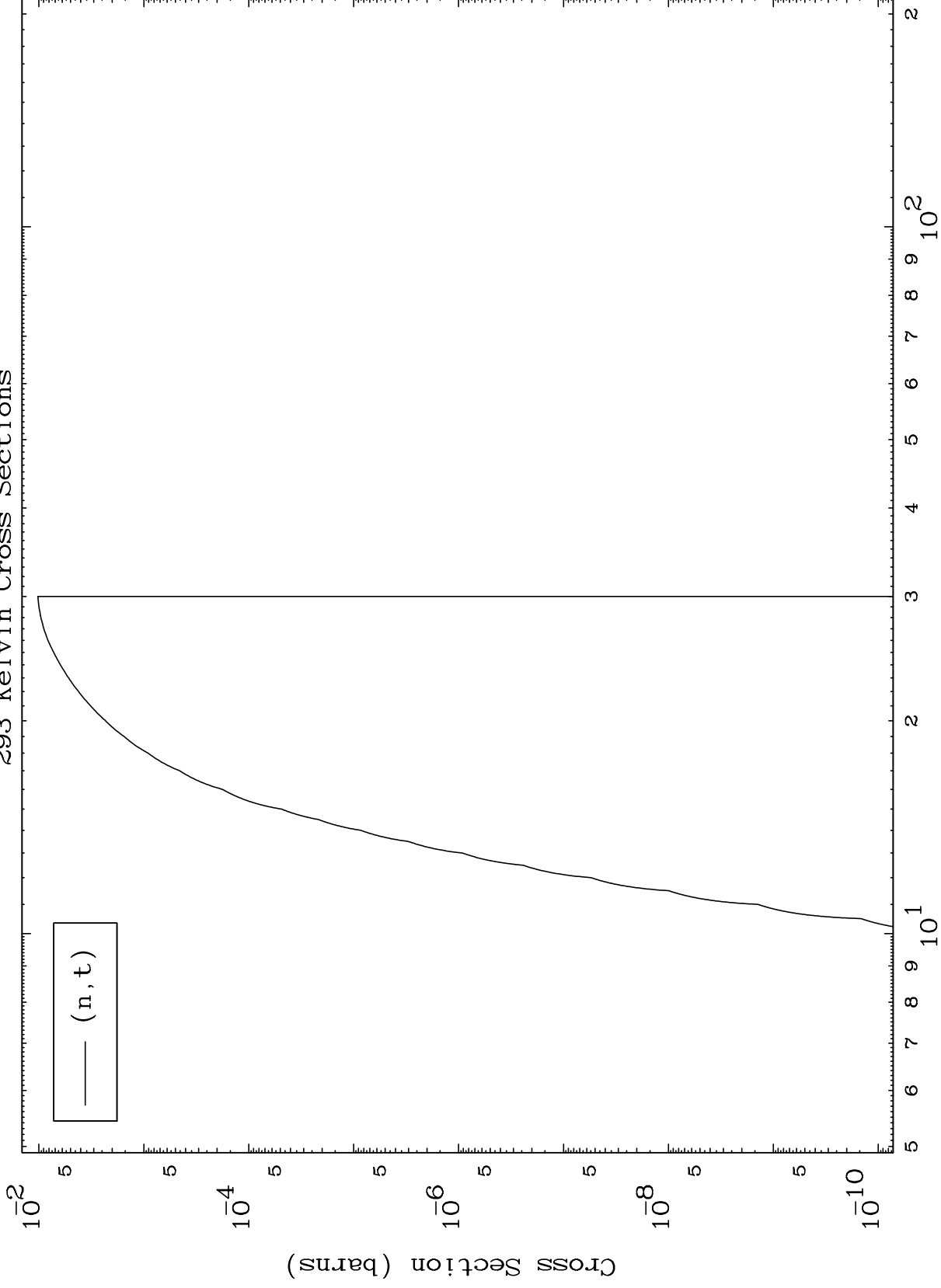
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MAT 7813

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-186



12

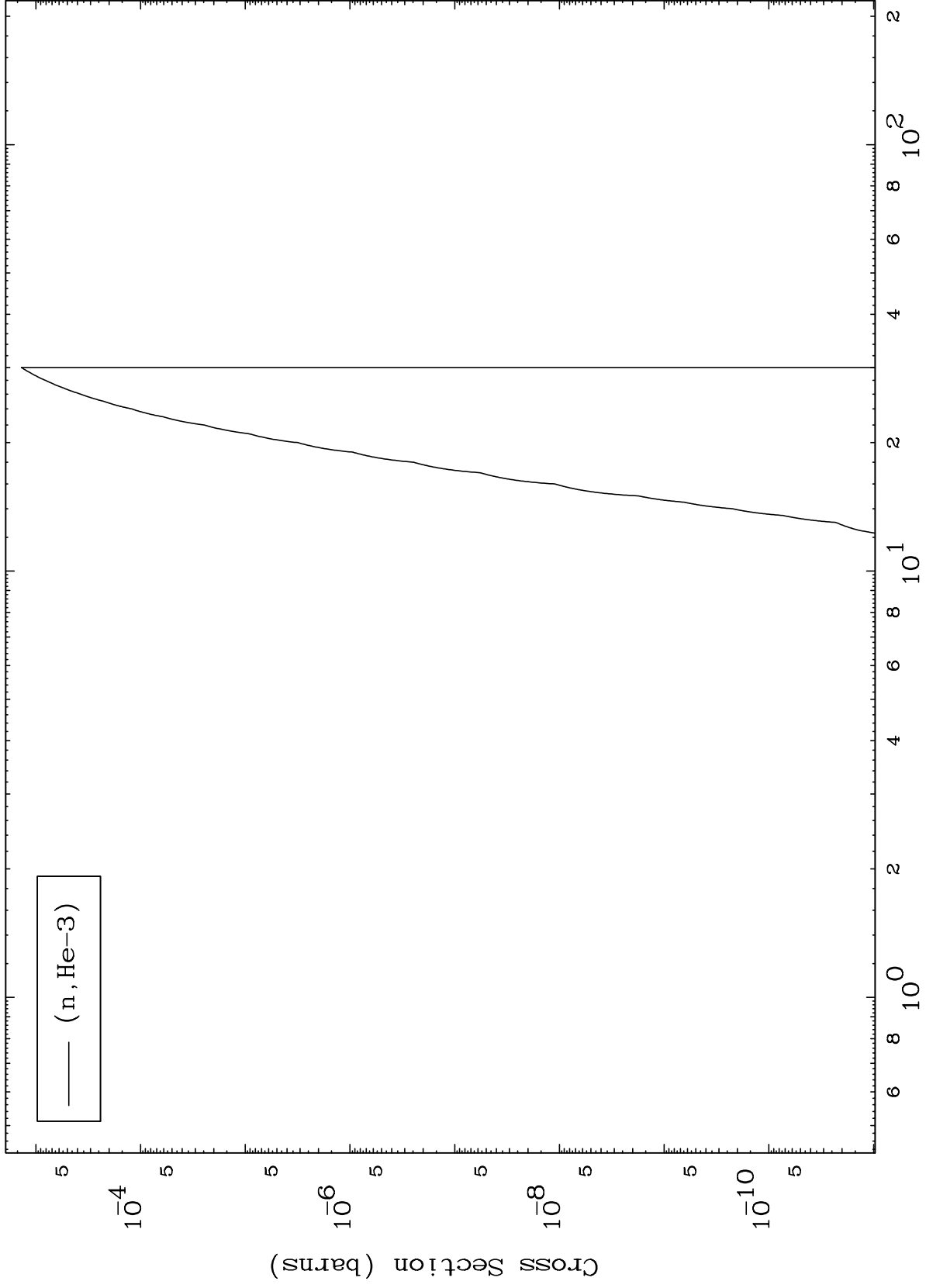
Incident Energy (MeV)

78-Pt-186

MAT 7813

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-186



13

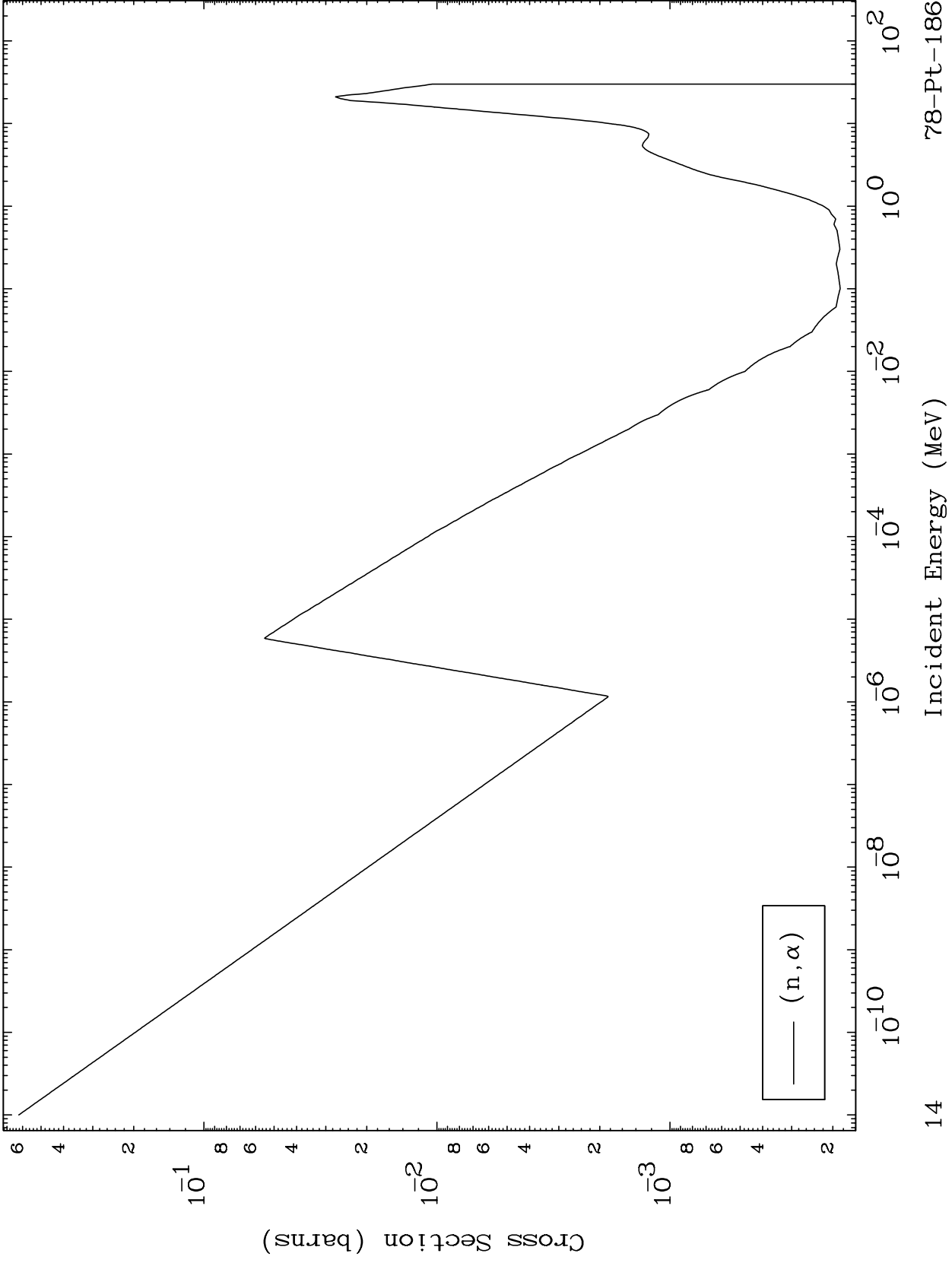
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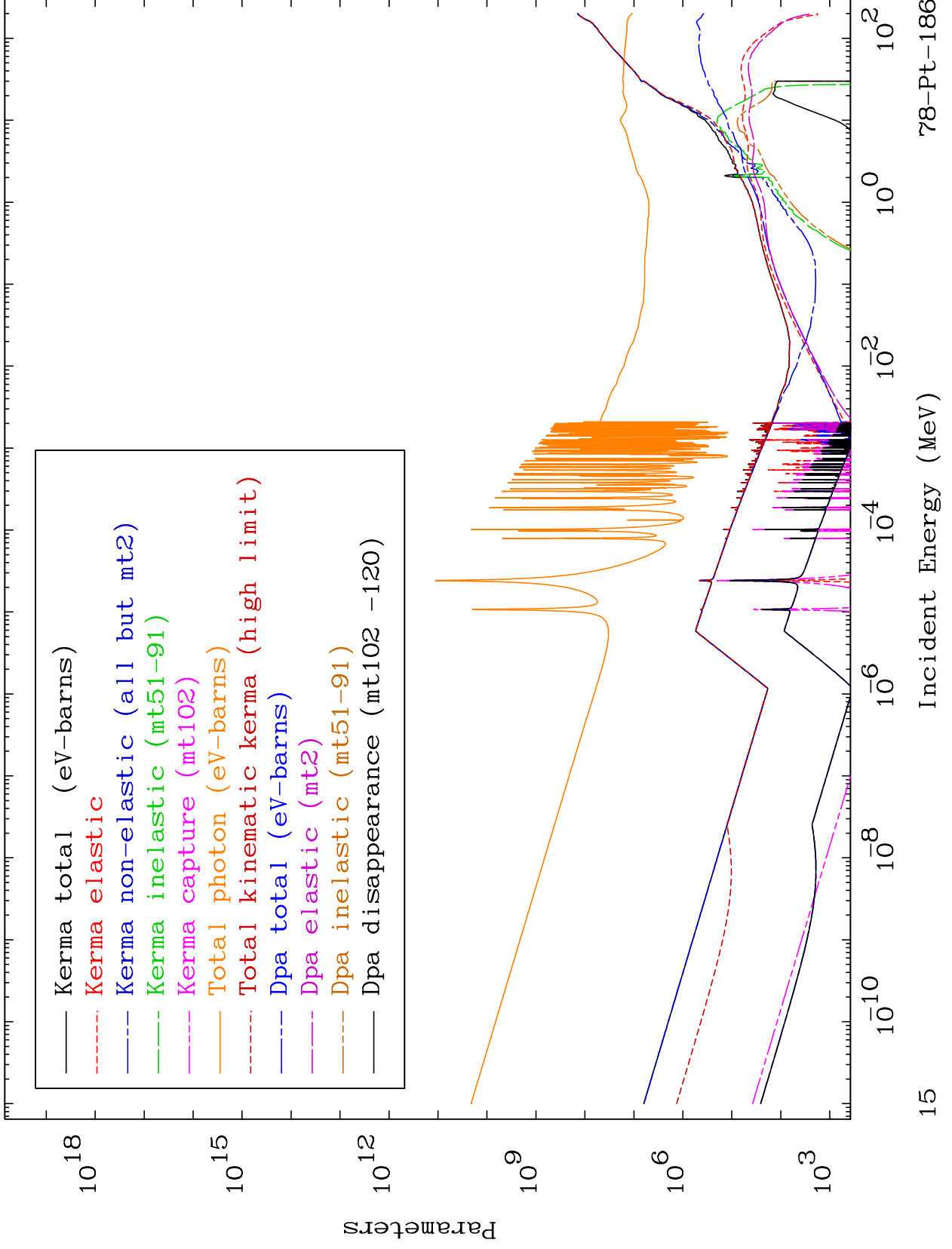
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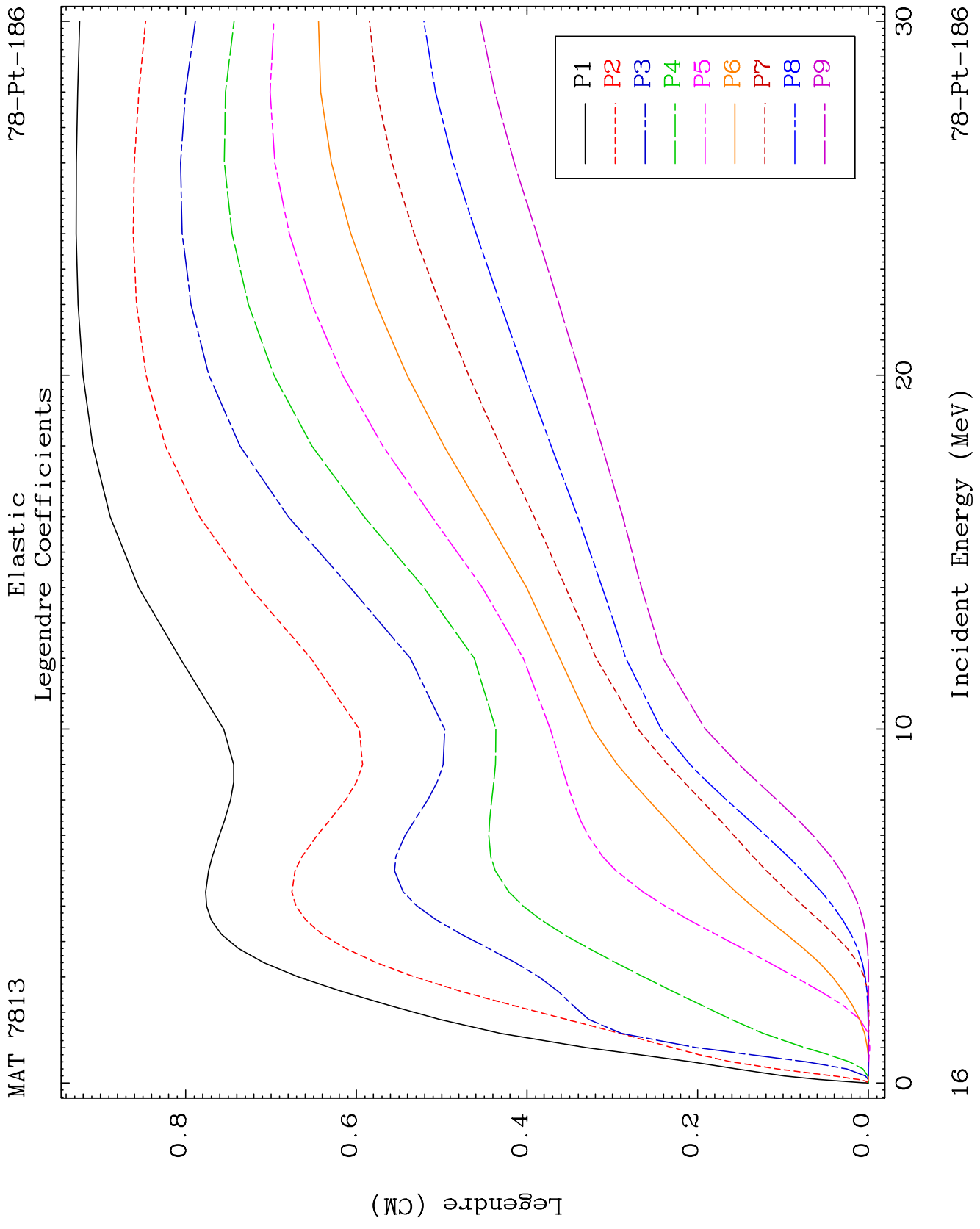
MAT 7813

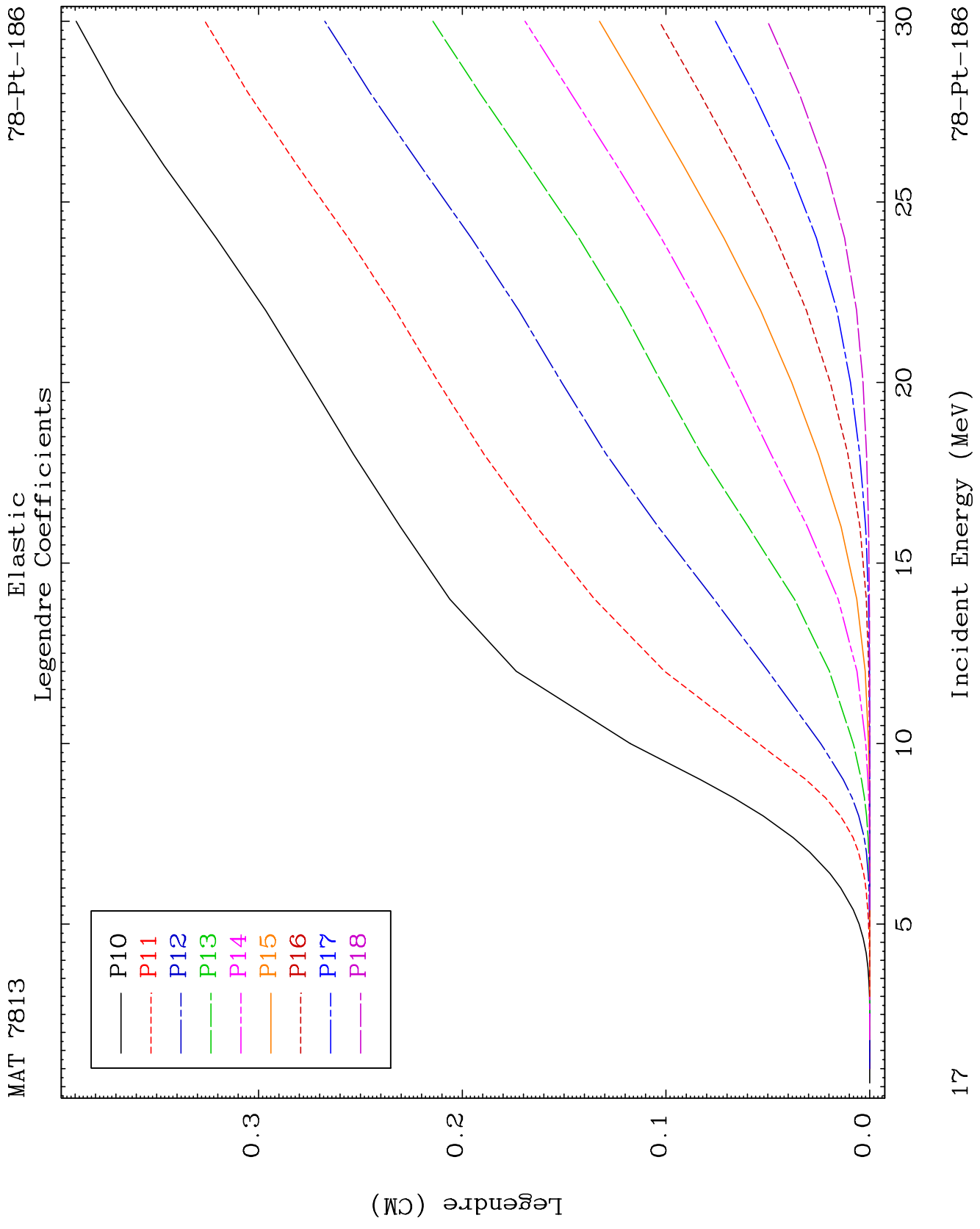
(n,α) Levels
293 Kelvin Cross Sections

78-Pt-186





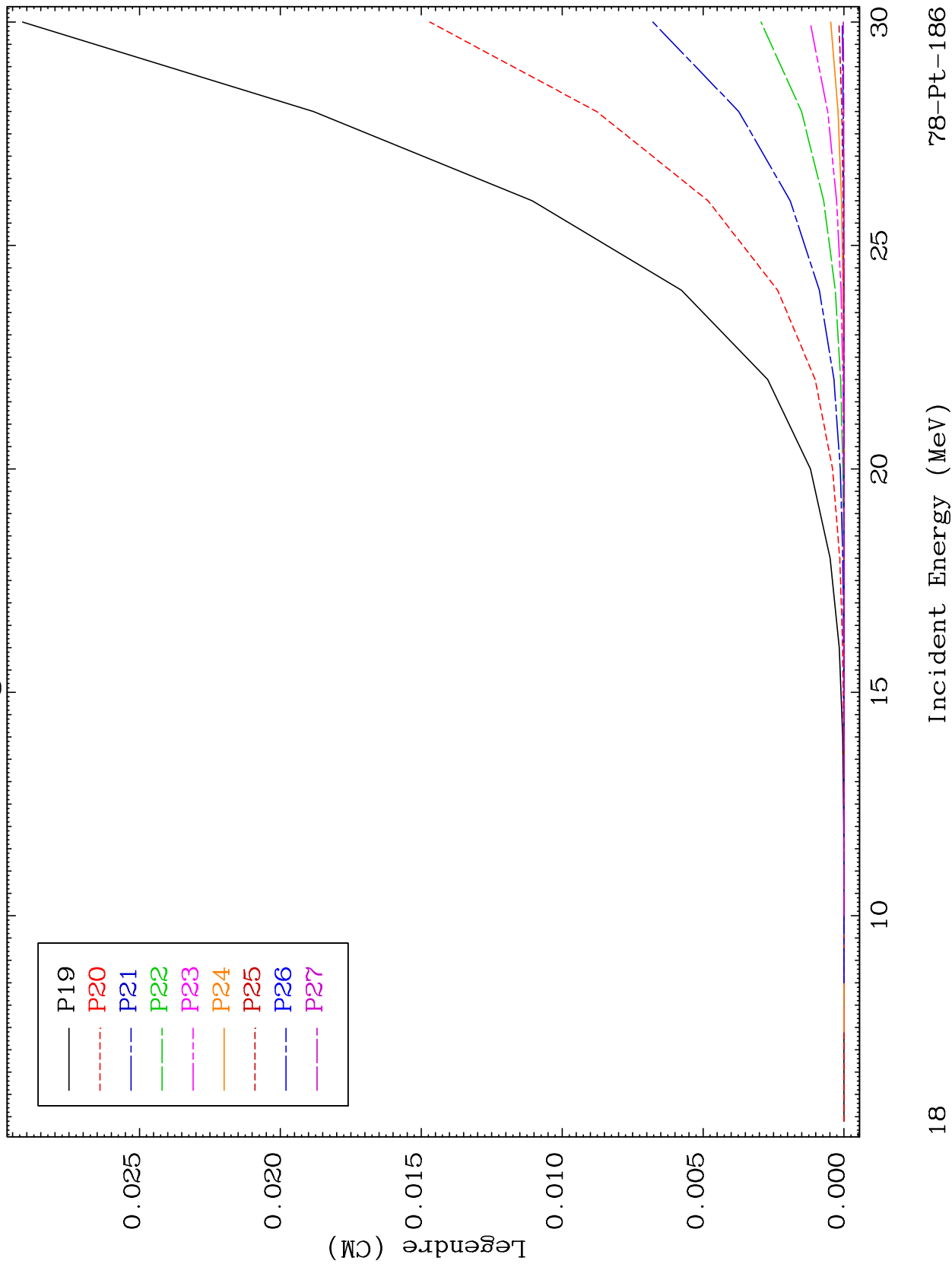




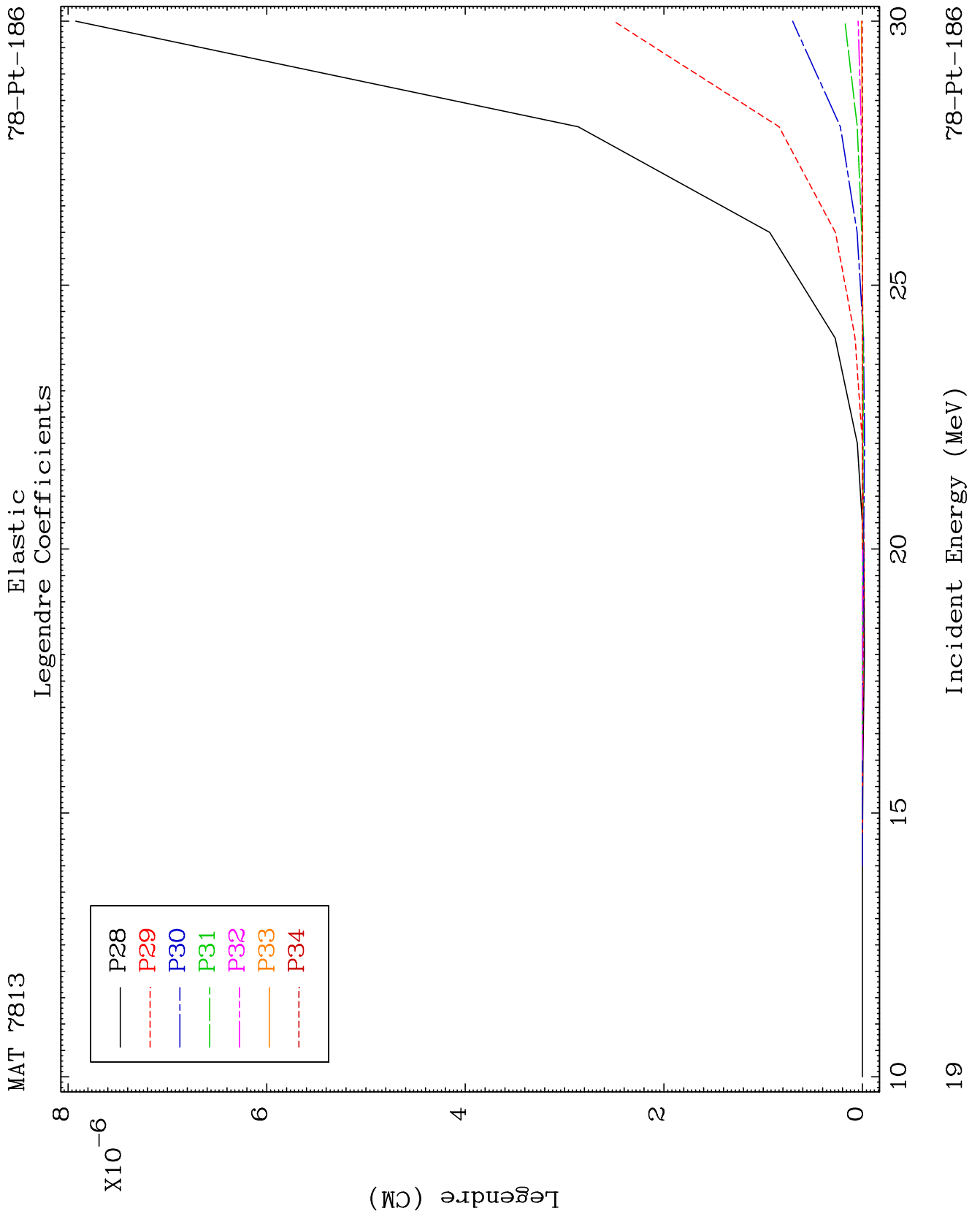
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Elastic Legendre Coefficients

78-Pt-186



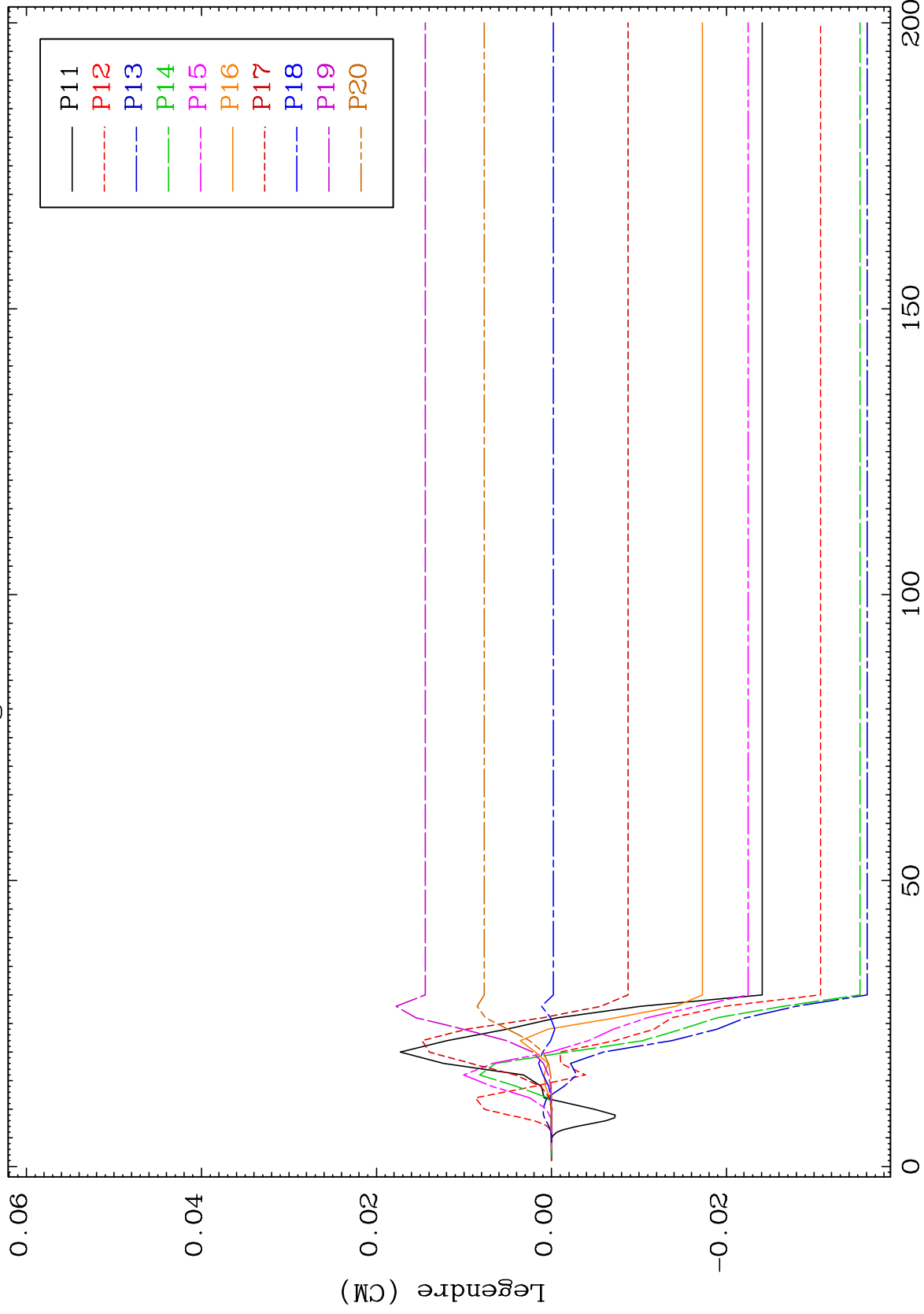
- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27



MAT 7813

191.5 keV (n,n') Level
Legendre Coefficients

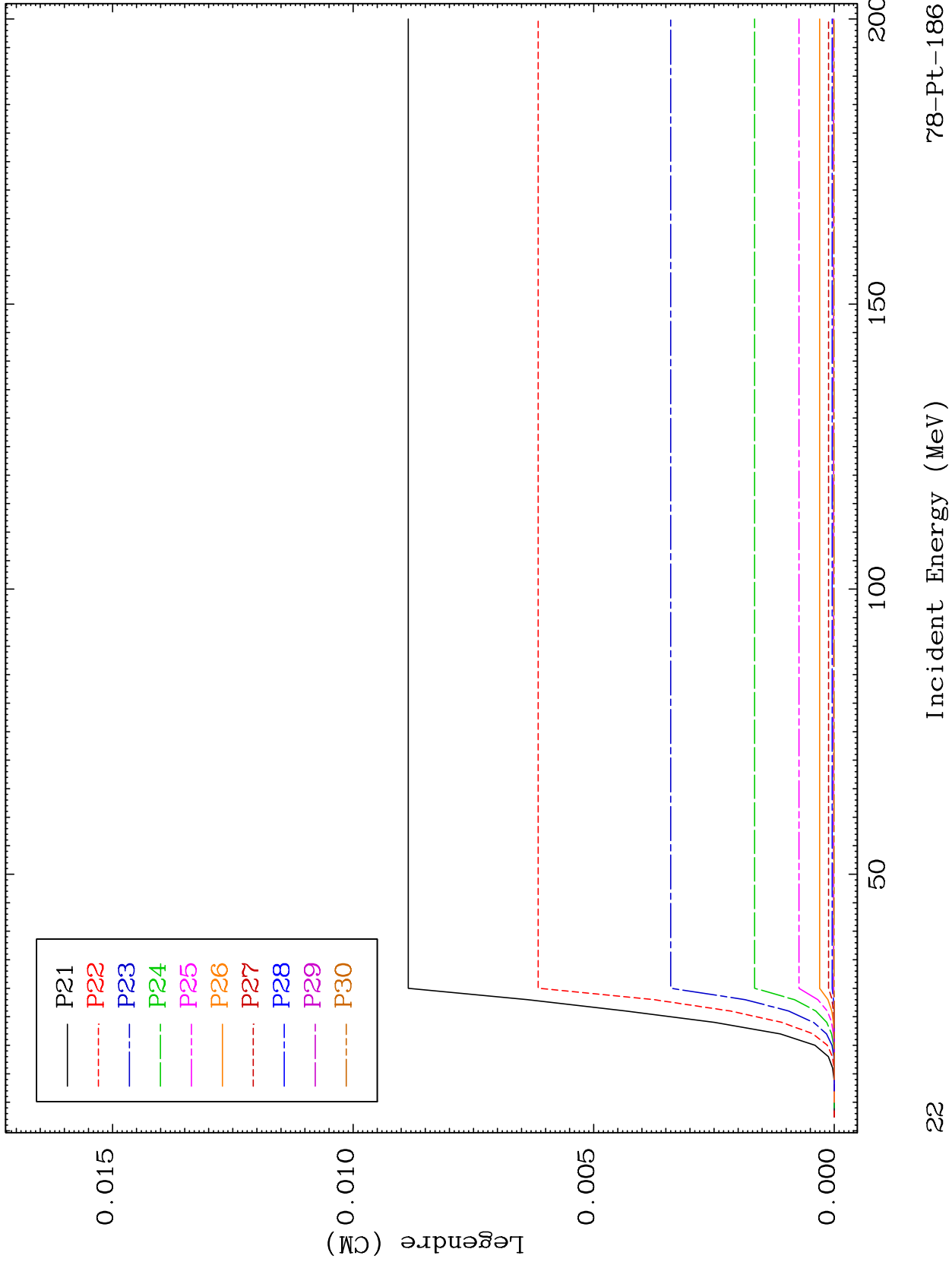
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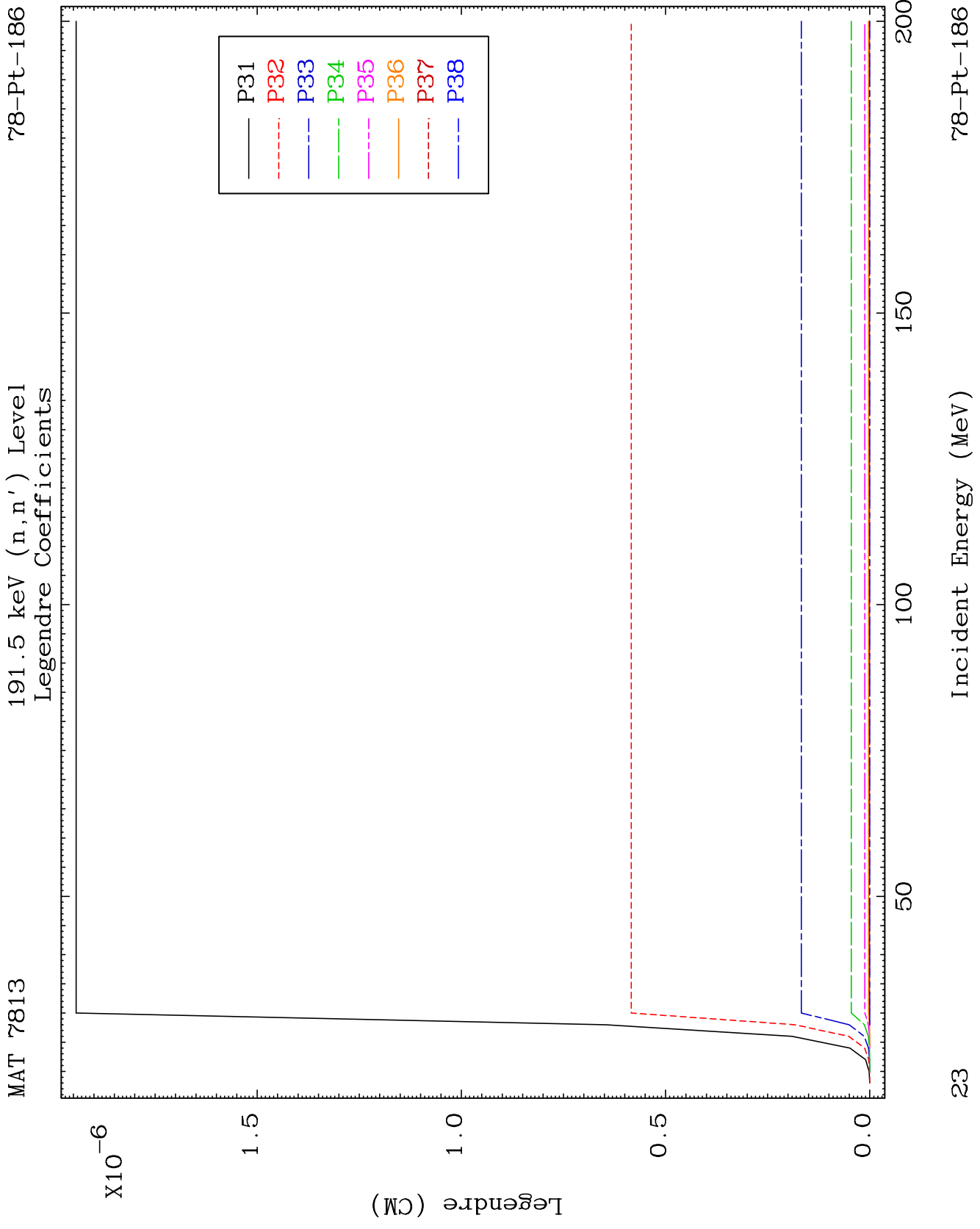


MAT 7813

191.5 keV (n,n') Level Legendre Coefficients

78-Pt-186

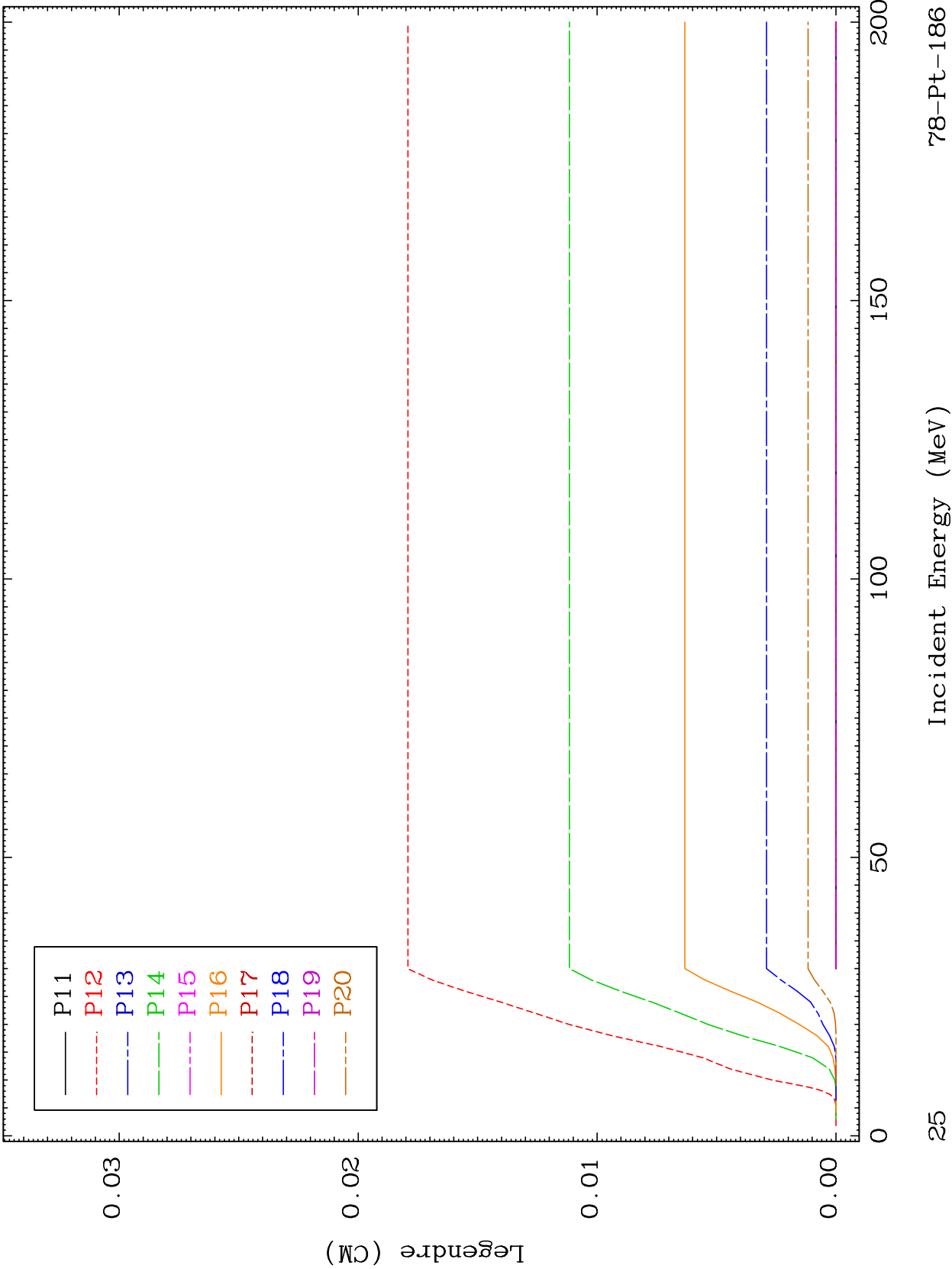


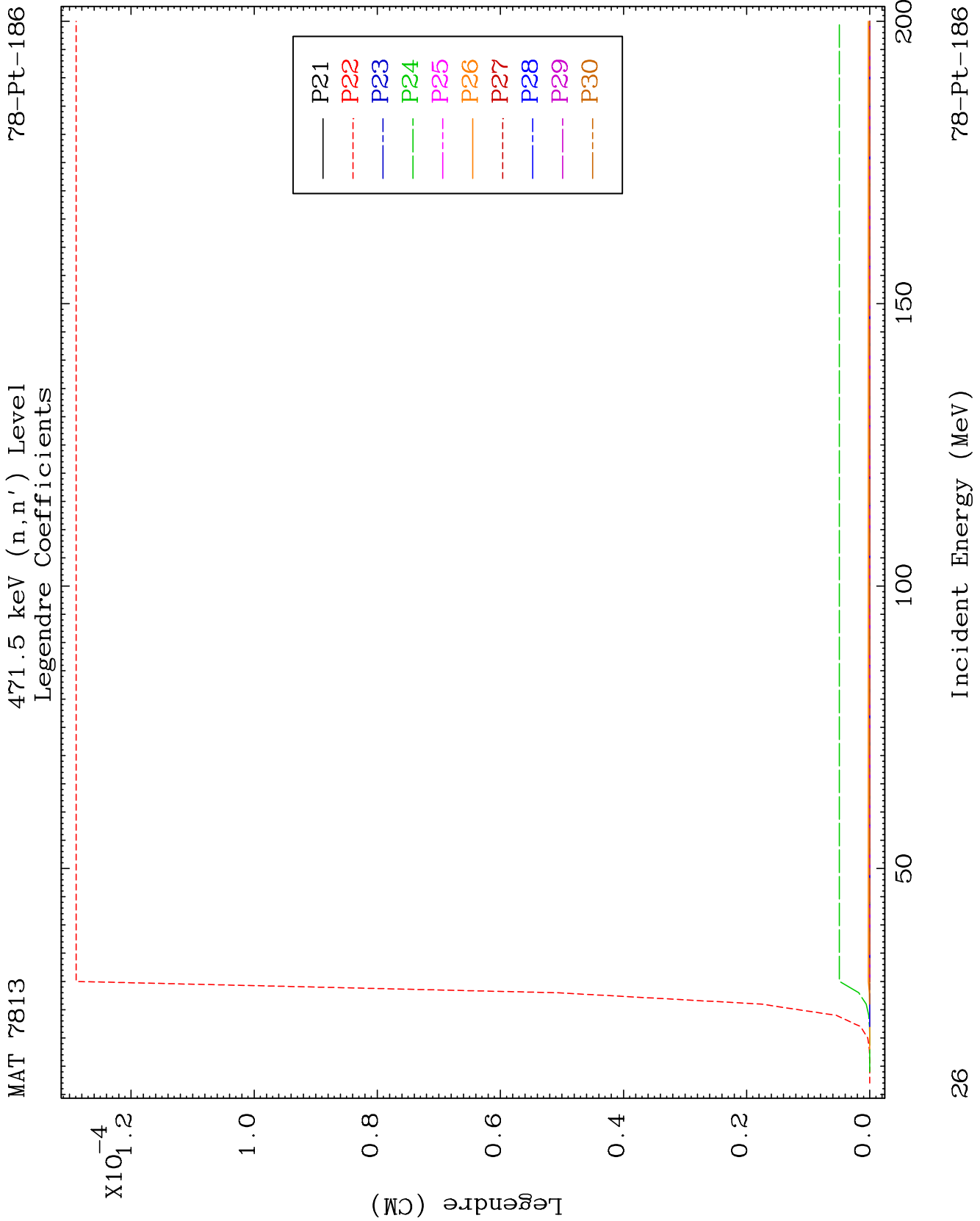


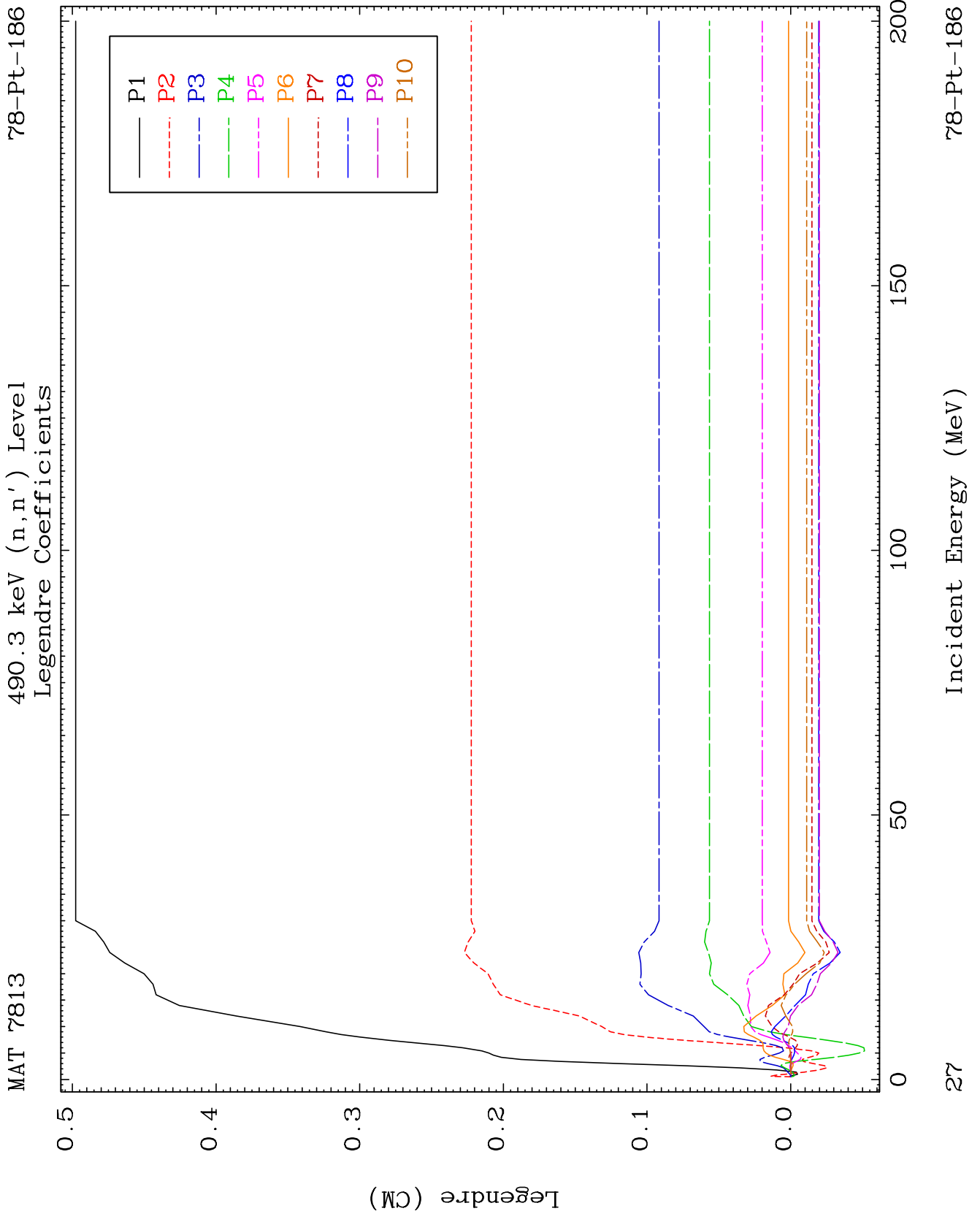
MAT 7813

471.5 keV (n,n') Level
Legendre Coefficients

78-Pt-186



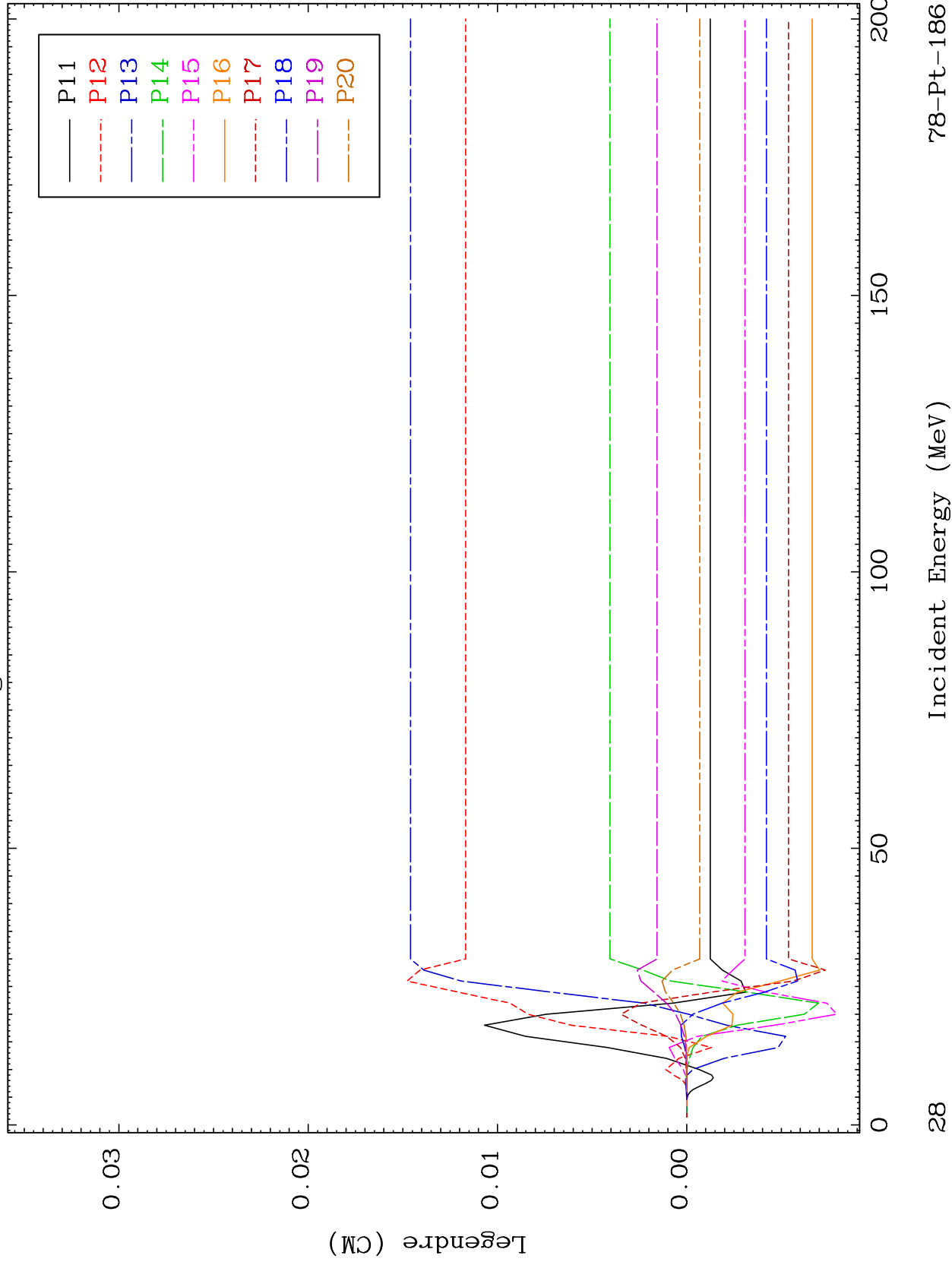




MAT 7813

490.3 keV (n,n') Level
Legendre Coefficients

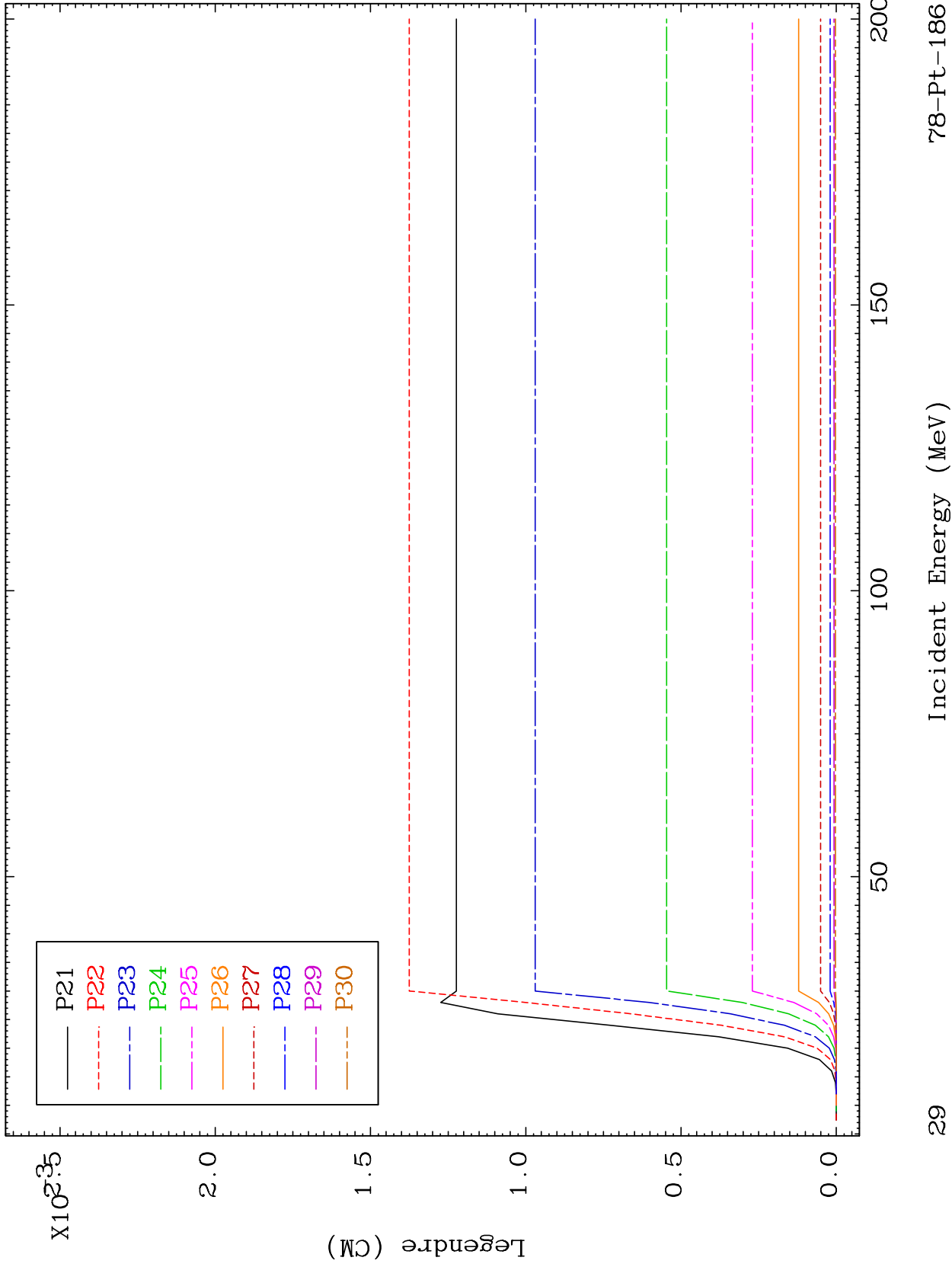
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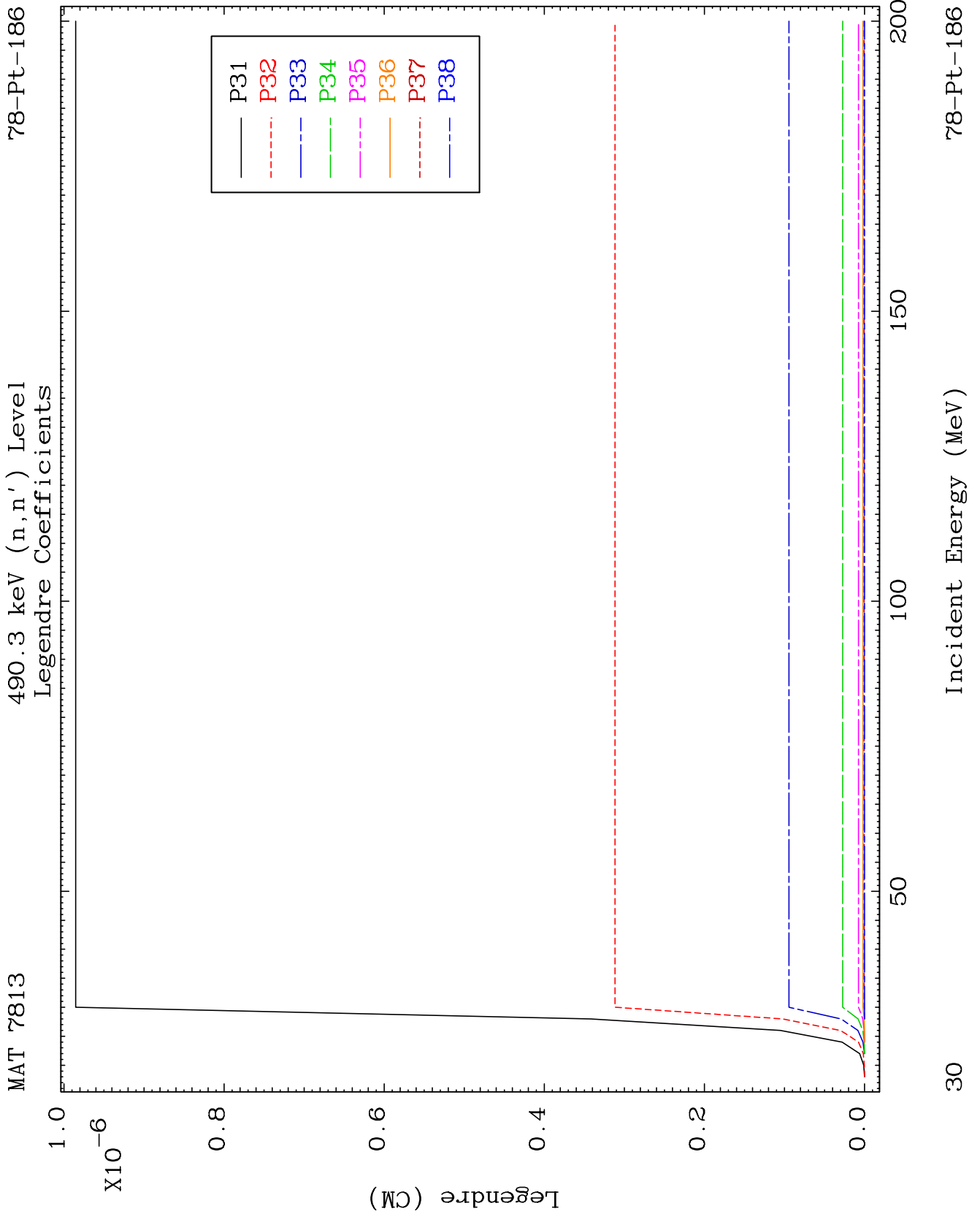


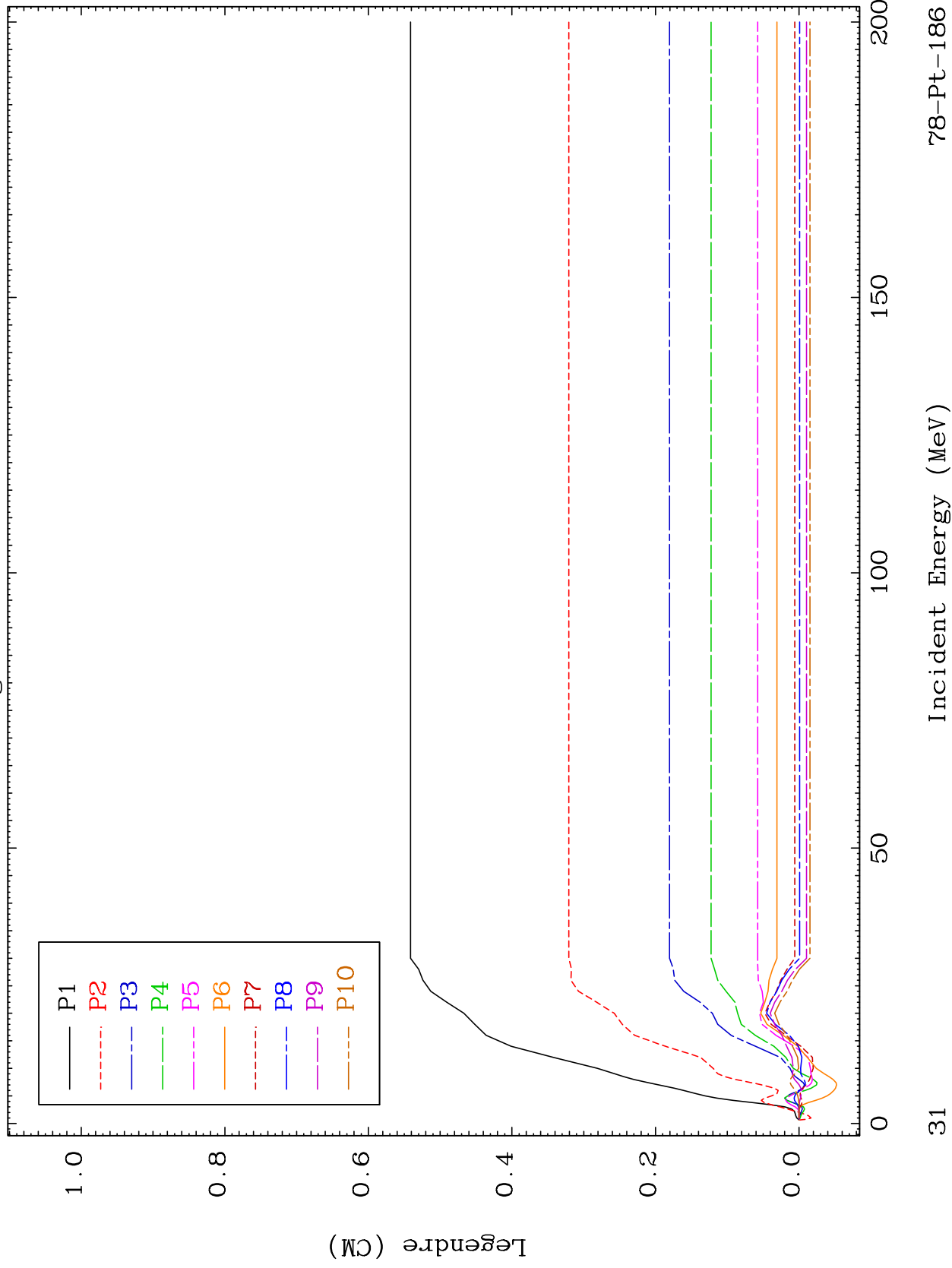
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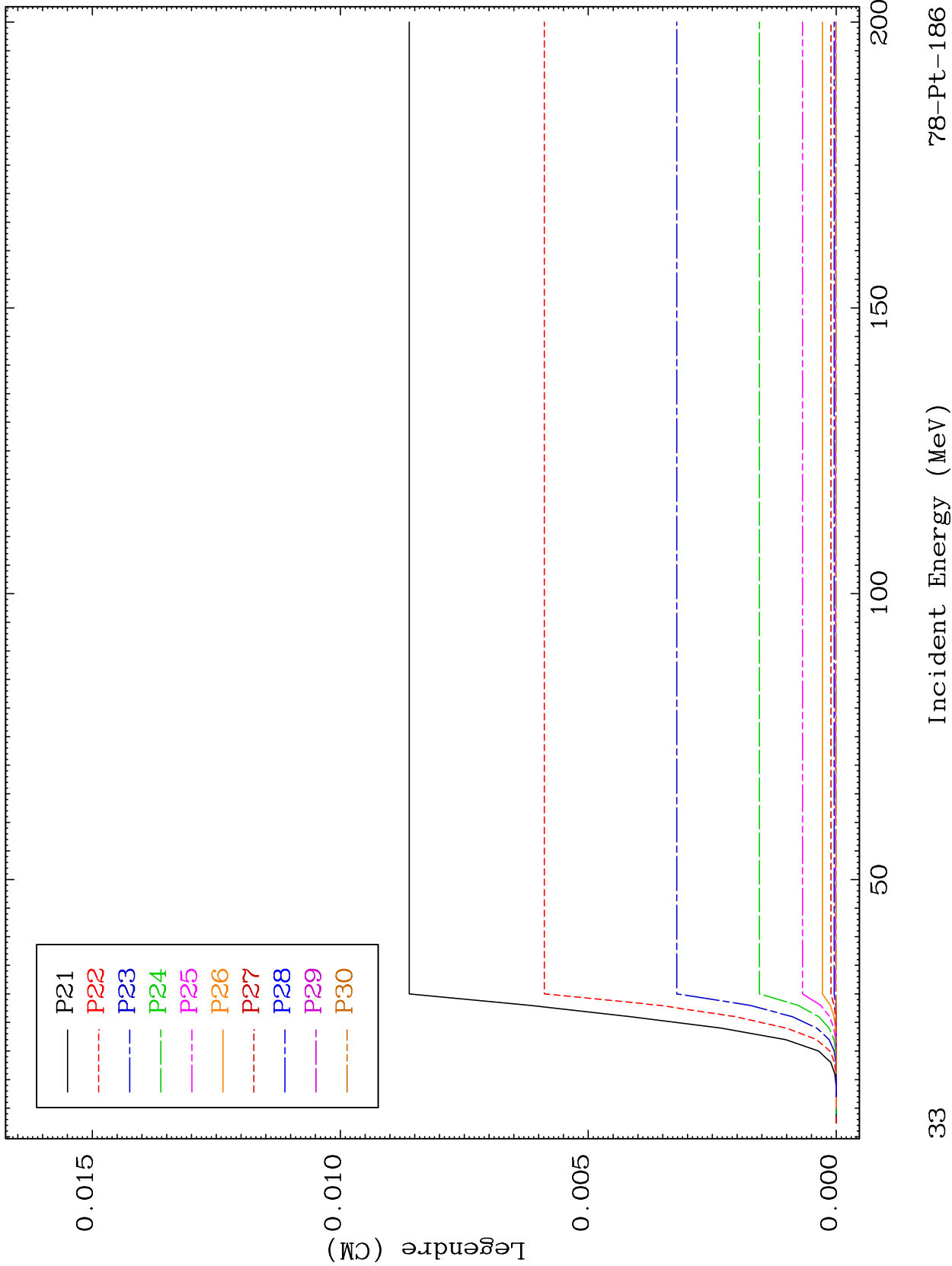
Incident Energy (MeV)

28





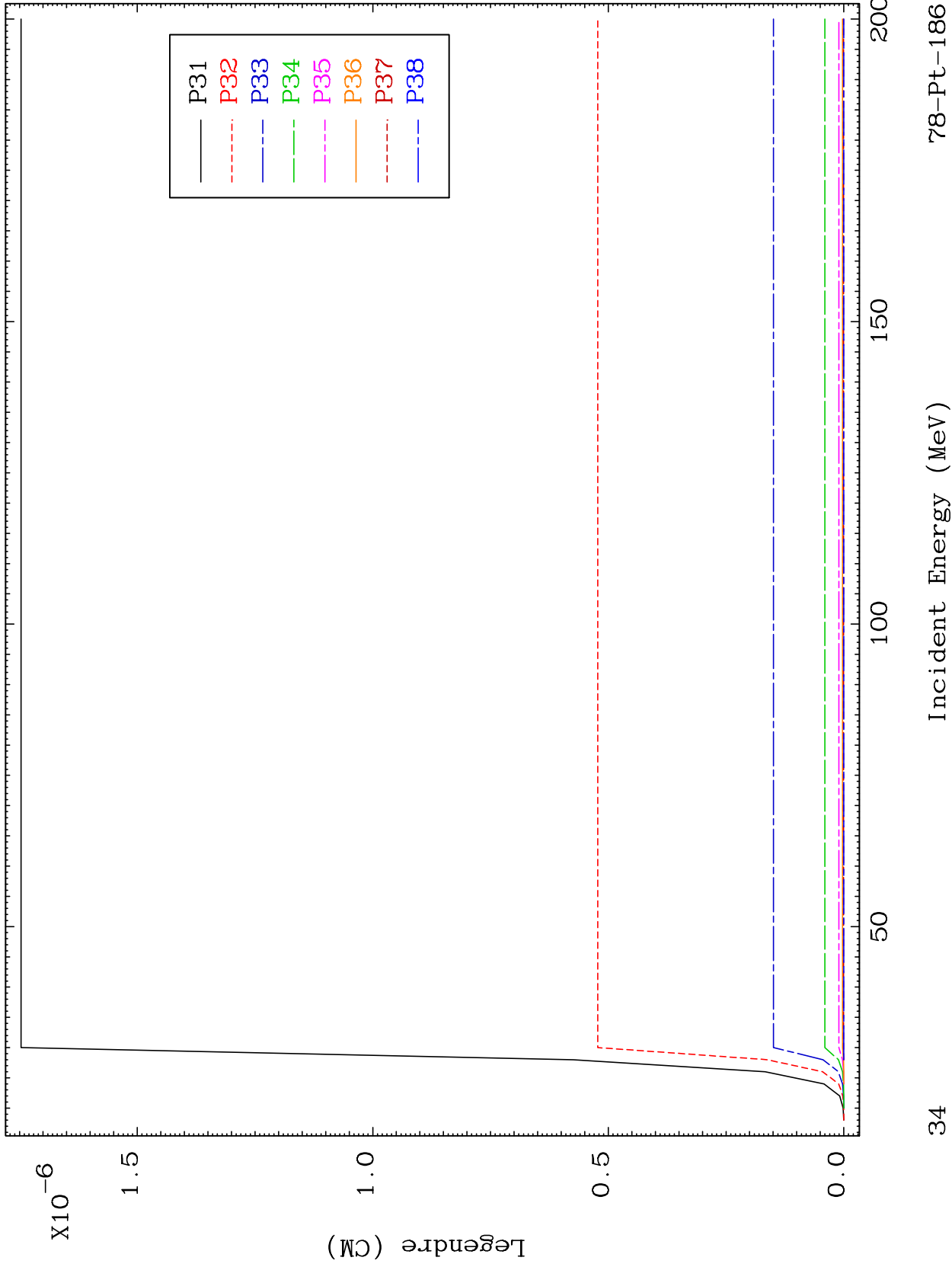




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607.2 keV (n,n') Level
Legendre Coefficients

78-Pt-186



34

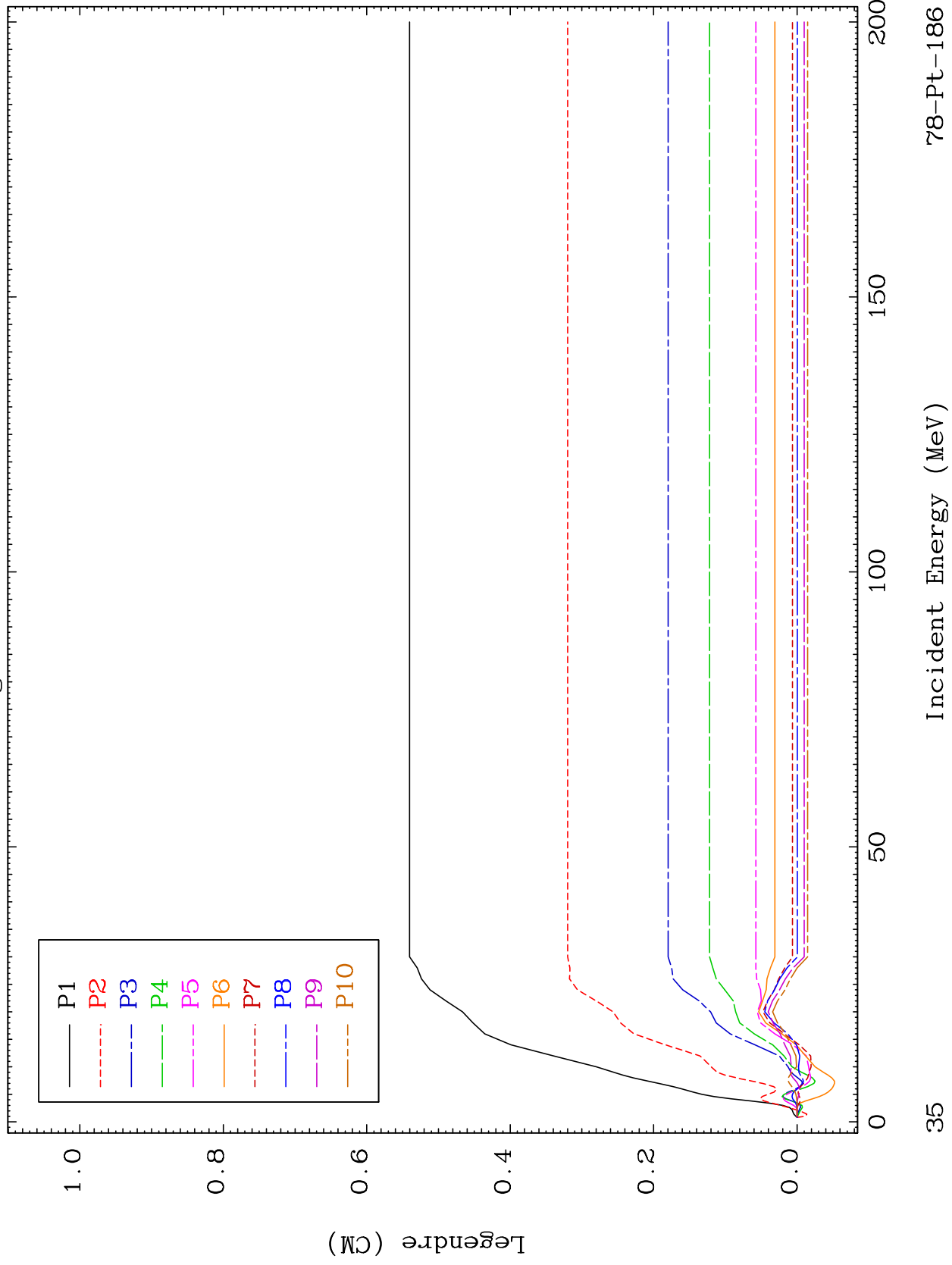
Incident Energy (MeV)

78-Pt-186

MAT 7813

798.5 keV (n,n') Level
Legendre Coefficients

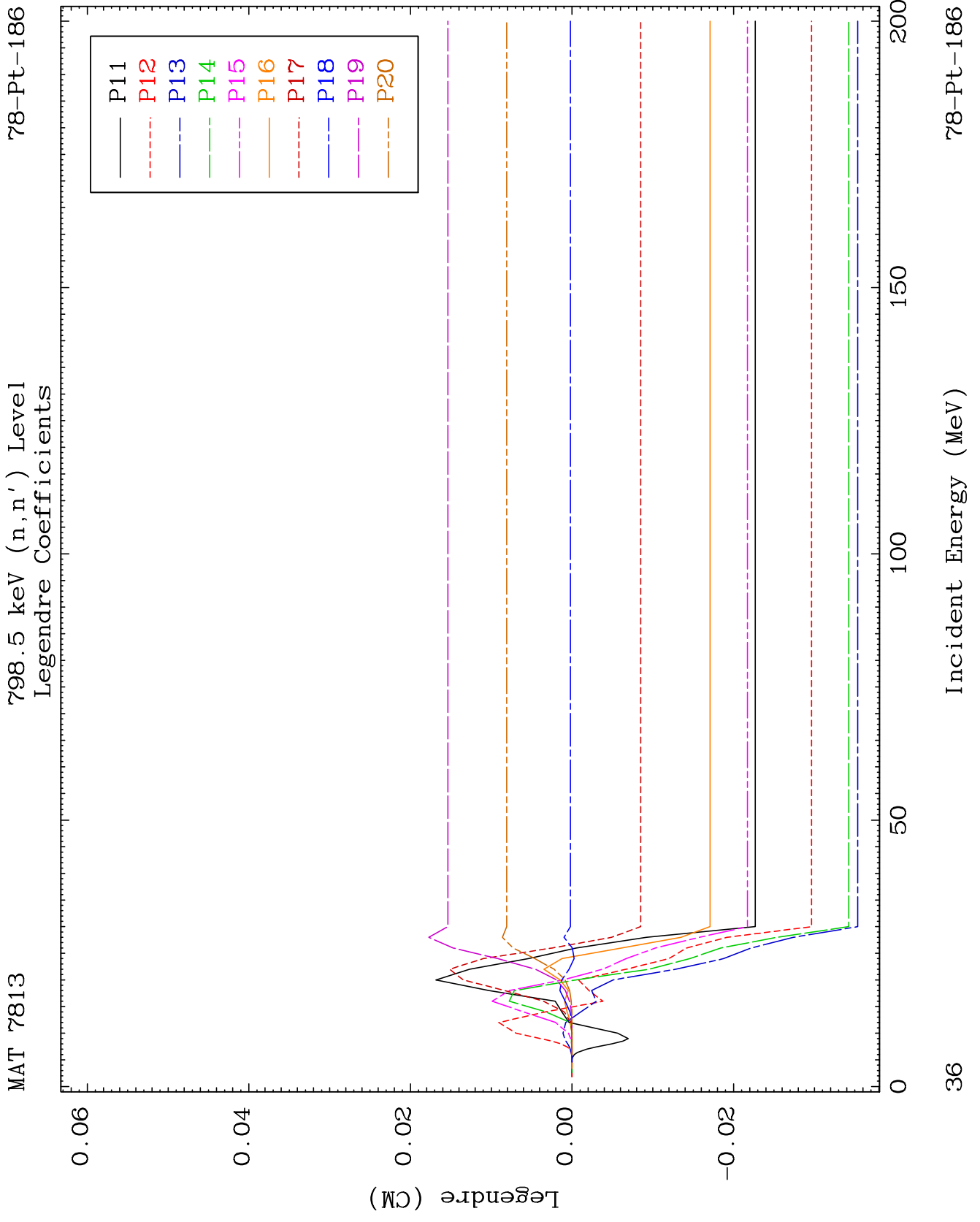
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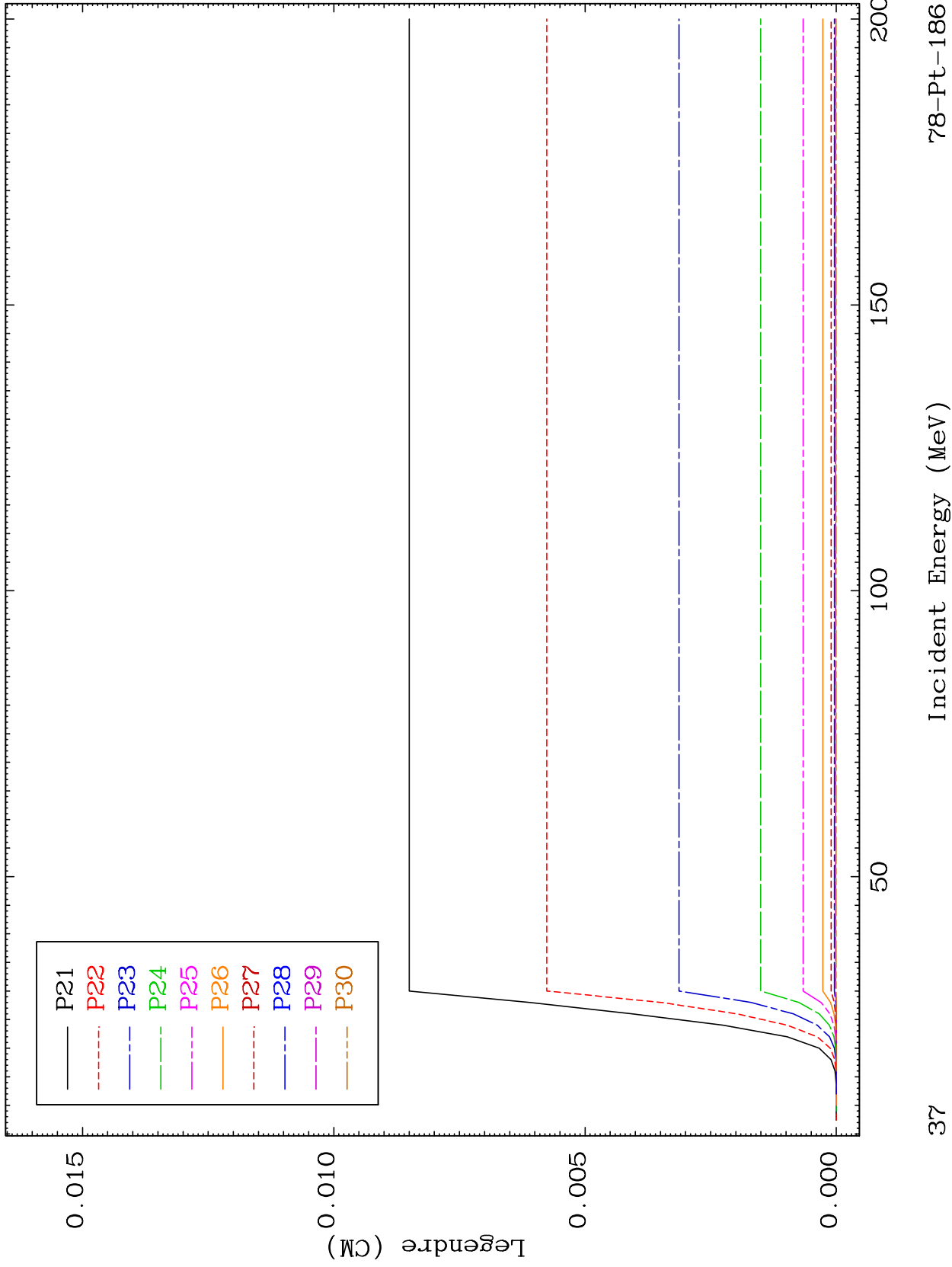


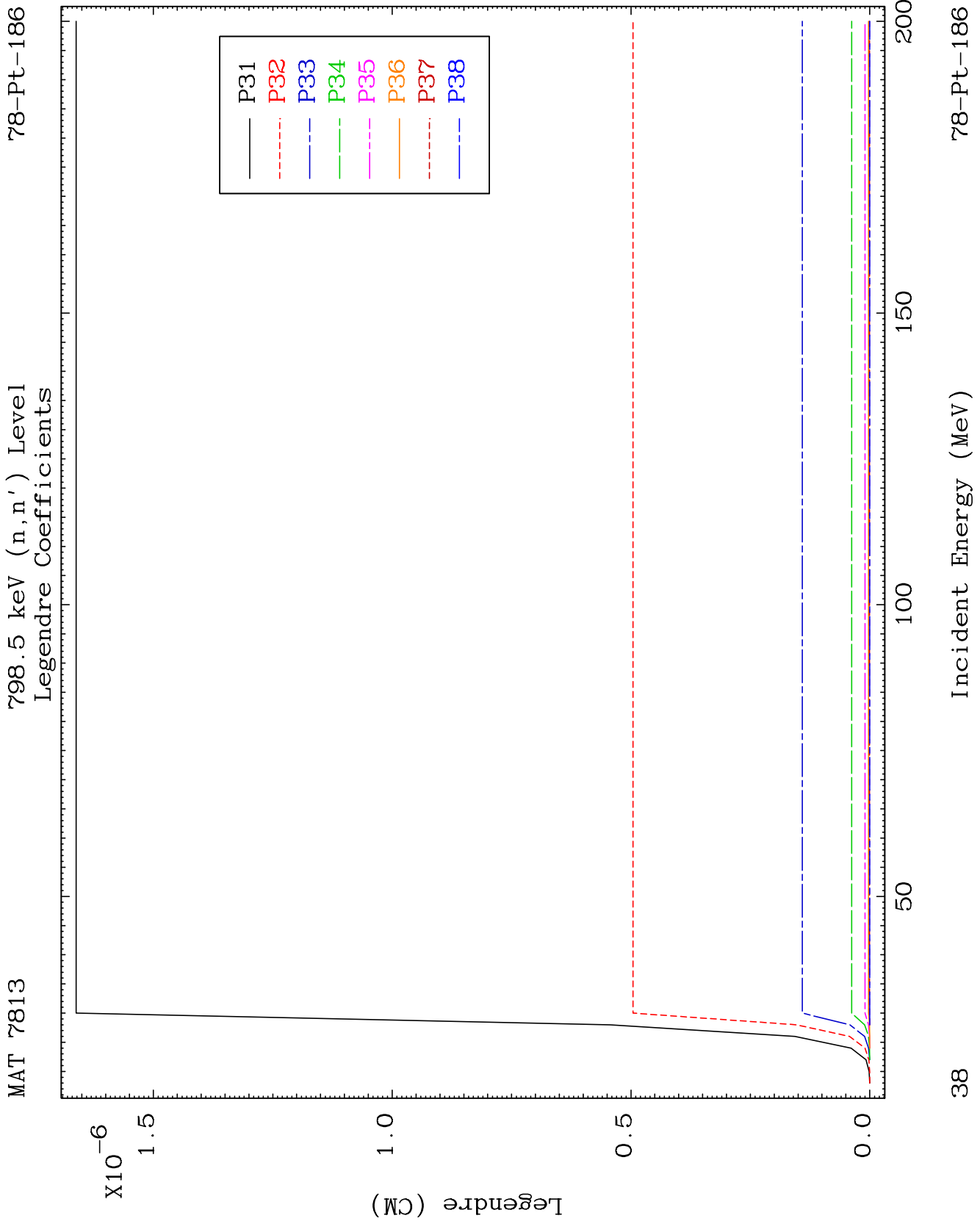
78-Pt-186

Incident Energy (MeV)

35



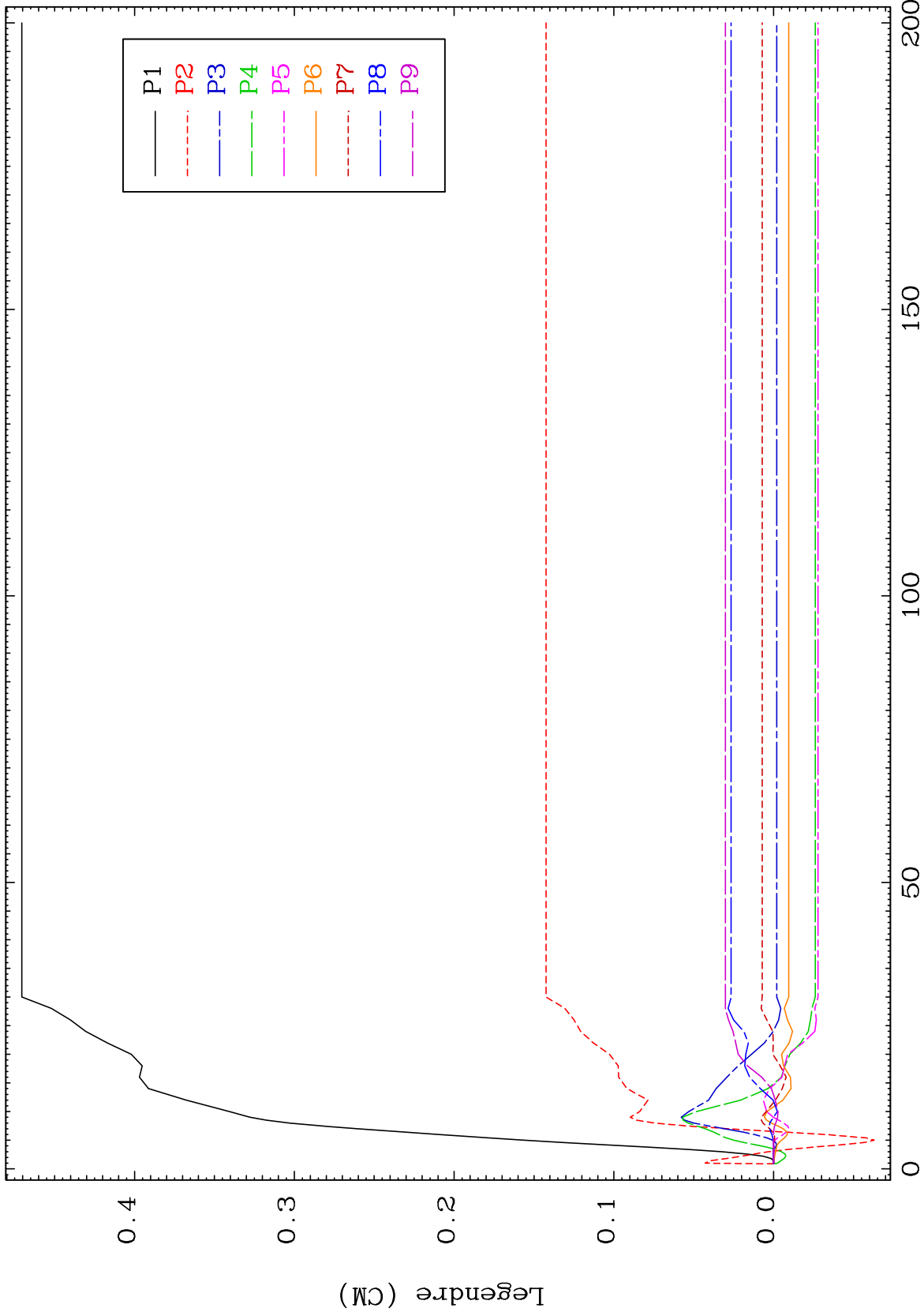




MAT 7813

877.5 keV (n,n') Level
Legendre Coefficients

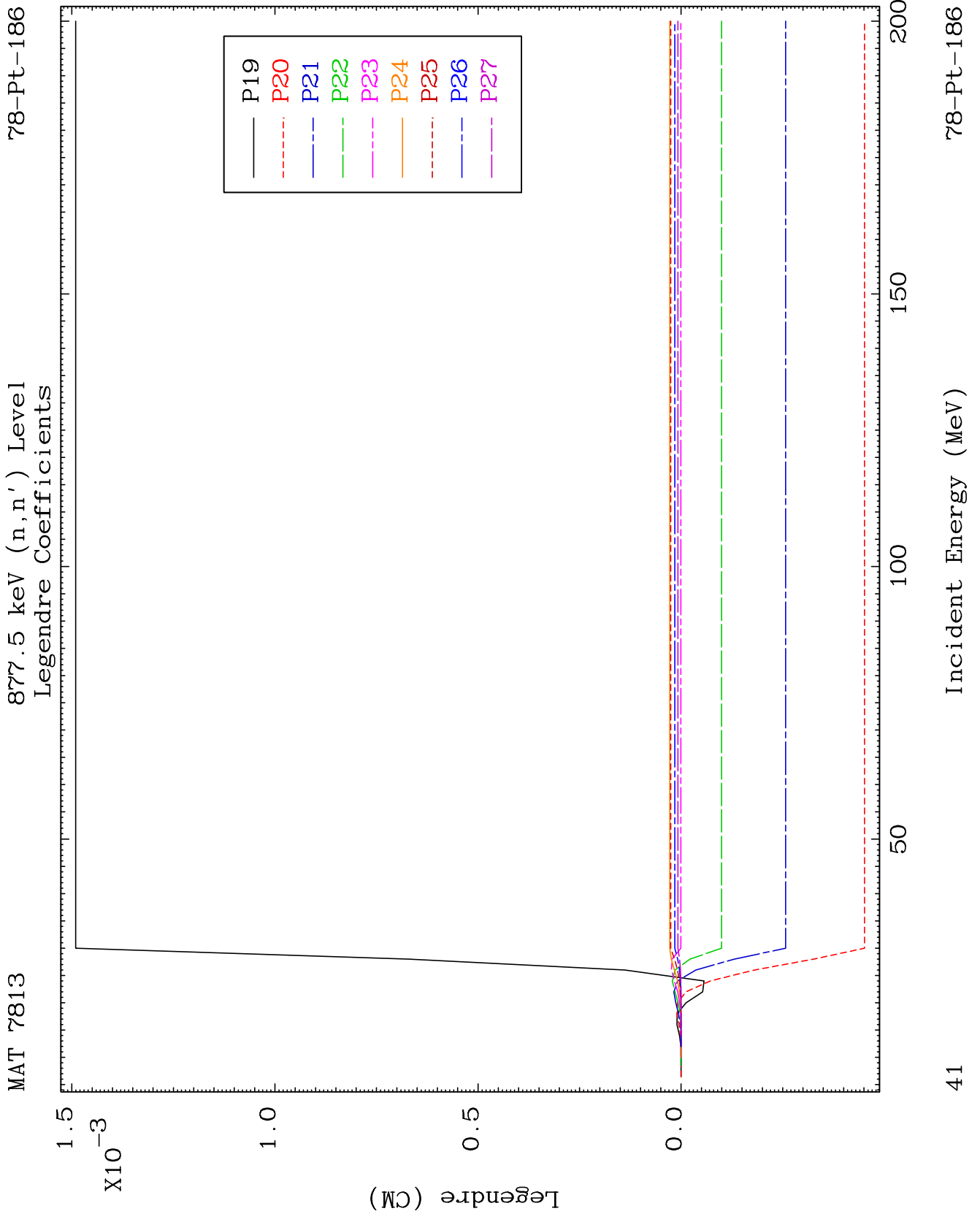
78-Pt-186



39

Incident Energy (MeV)

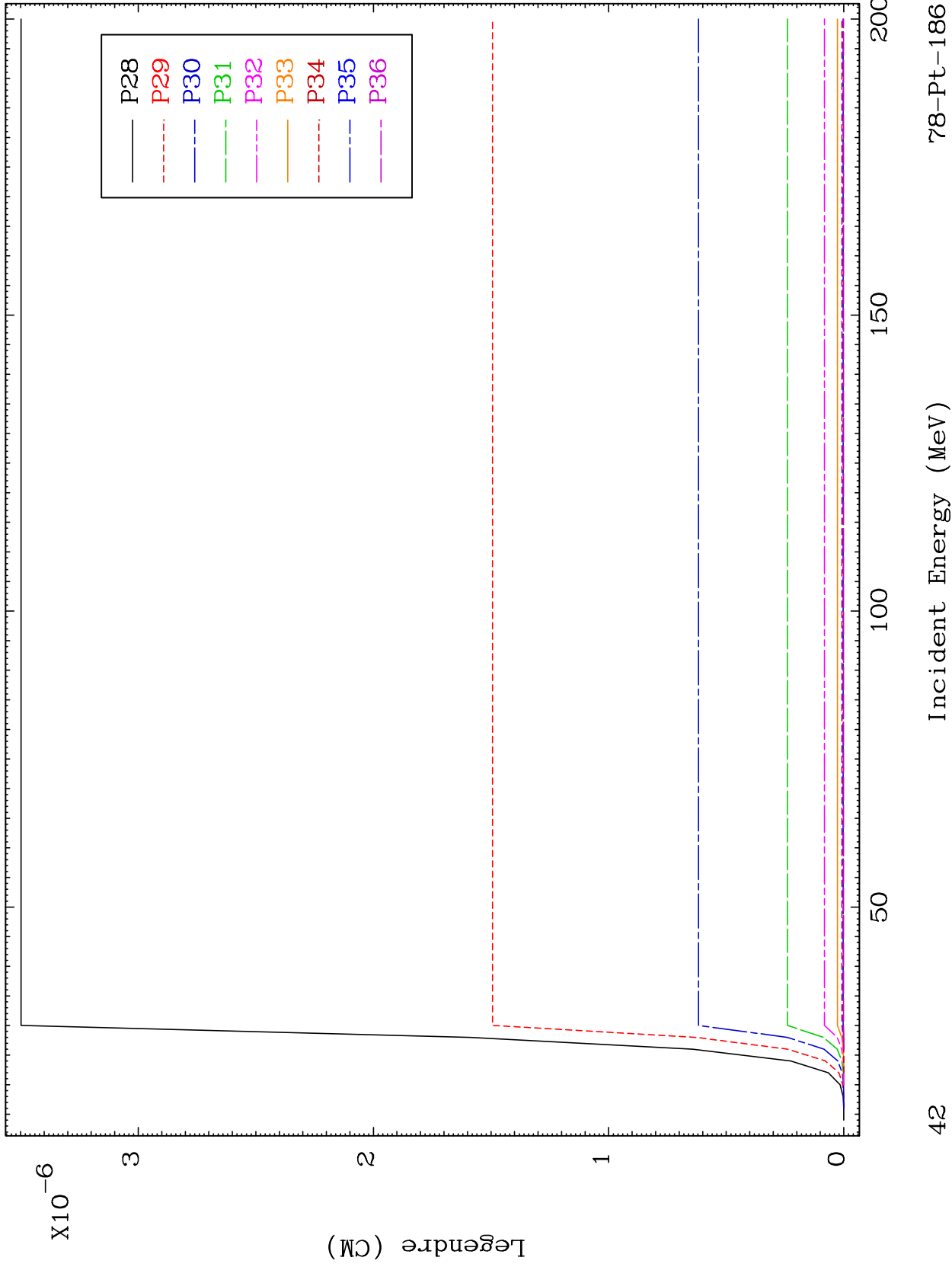
78-Pt-186



MAT 7813

877.5 keV (n,n') Level
Legendre Coefficients

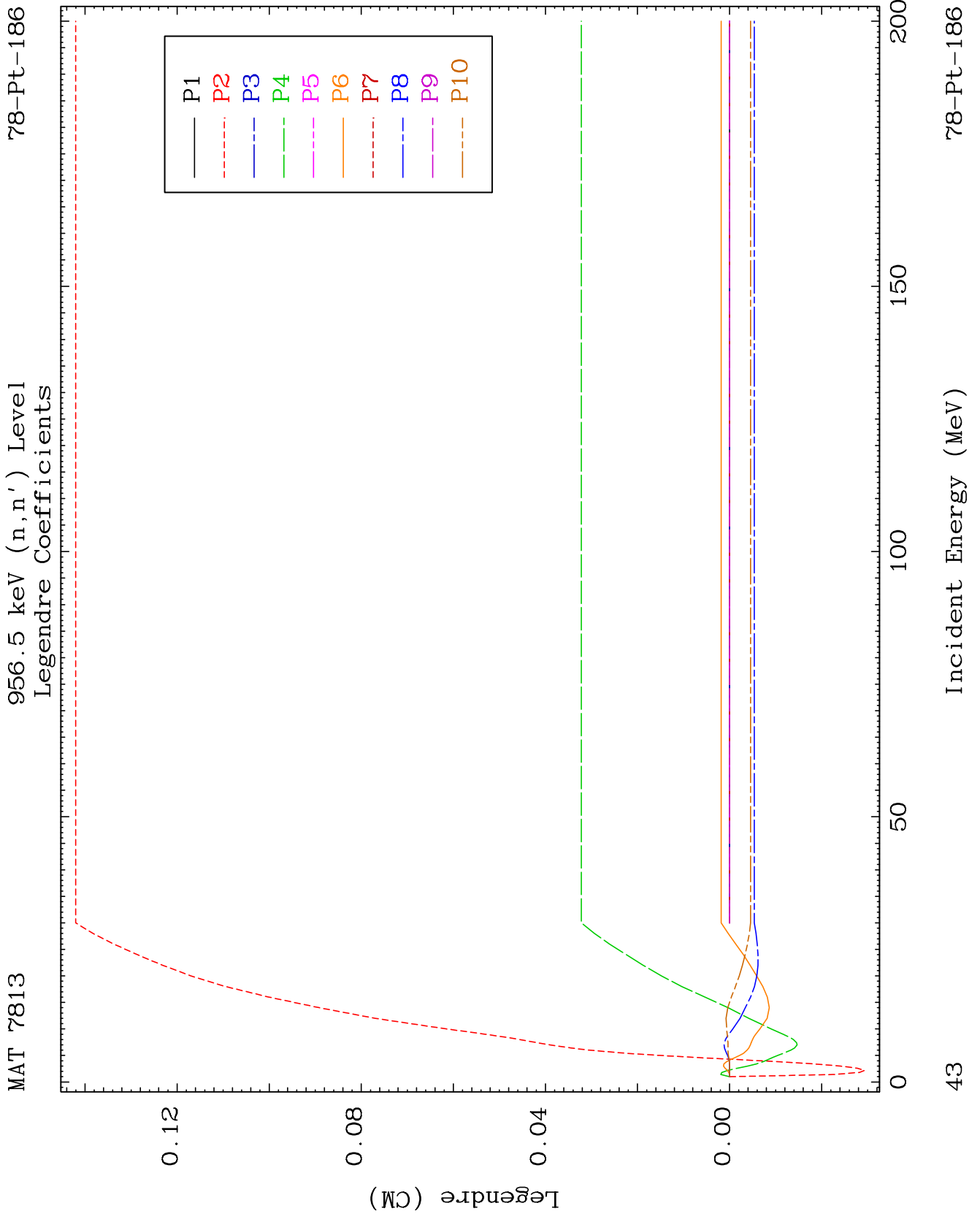
78-Pt-186



42

Incident Energy (MeV)

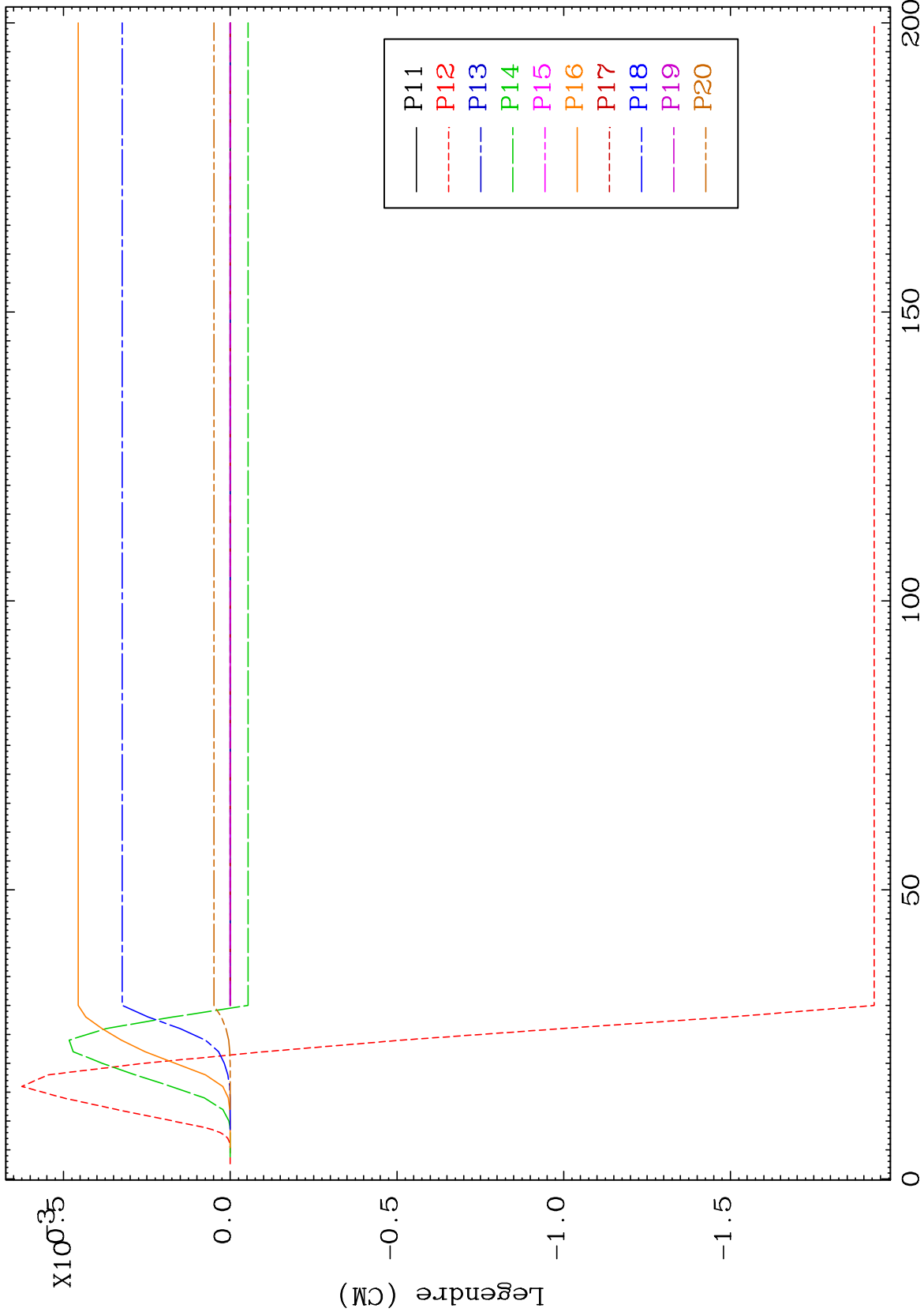
78-Pt-186



MAT 7813

956.5 keV (n,n') Level
Legendre Coefficients

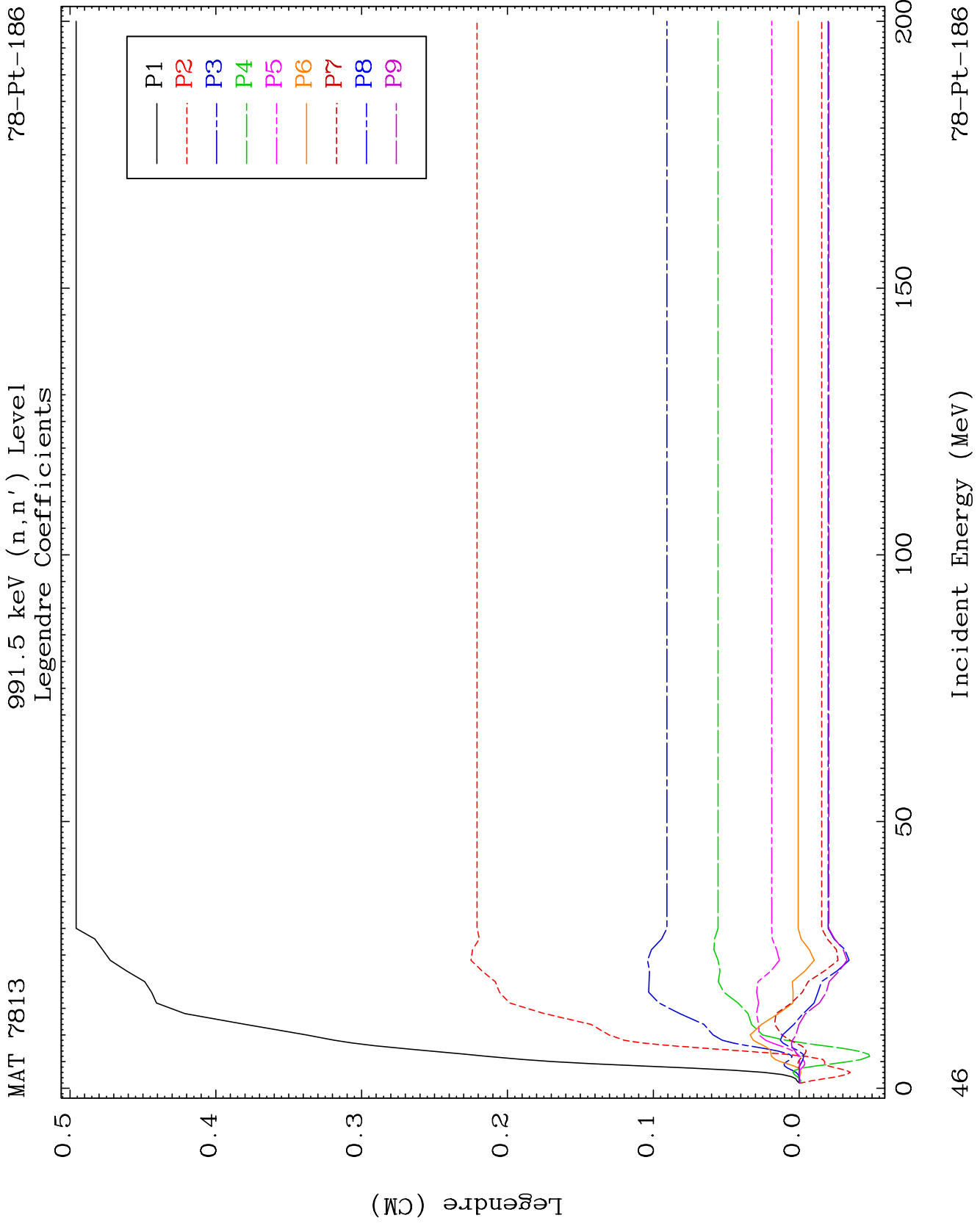
78-Pt-186



44

Incident Energy (MeV)

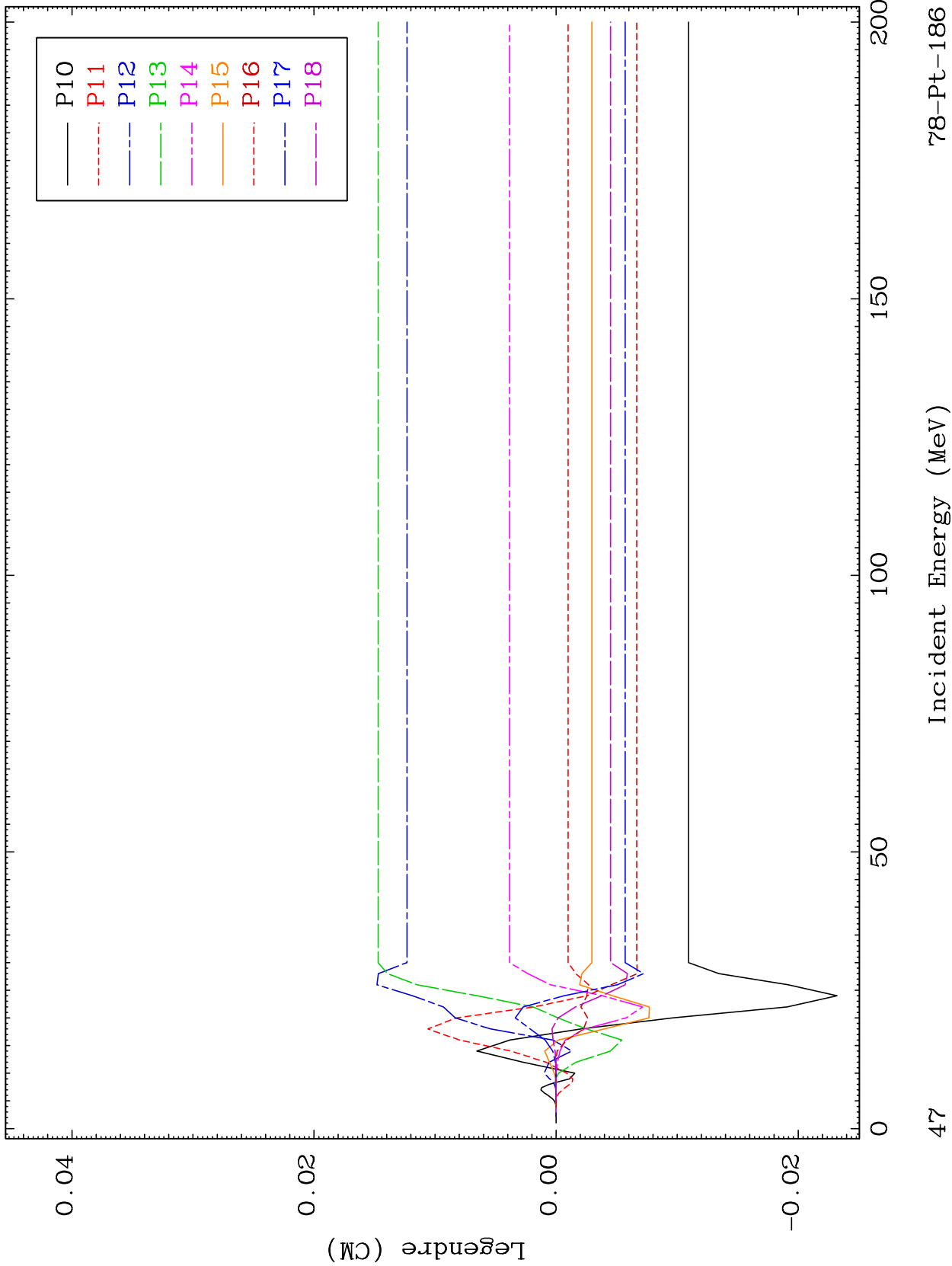
78-Pt-186



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991.5 keV (n,n') Level
Legendre Coefficients

78-Pt-186



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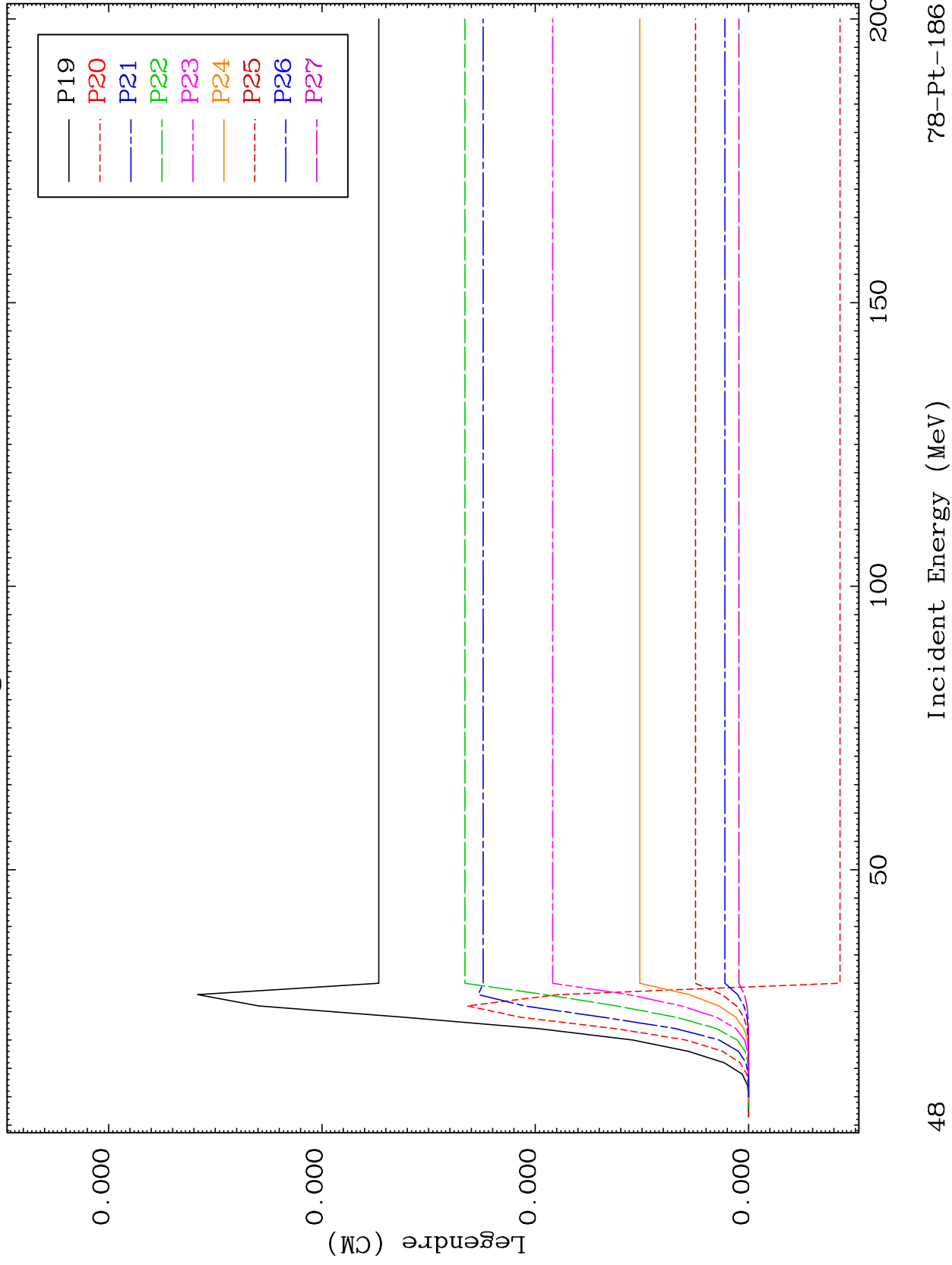
Incident Energy (MeV)

78-Pt-186

MAT 7813

991.5 keV (n,n') Level
Legendre Coefficients

78-Pt-186



48

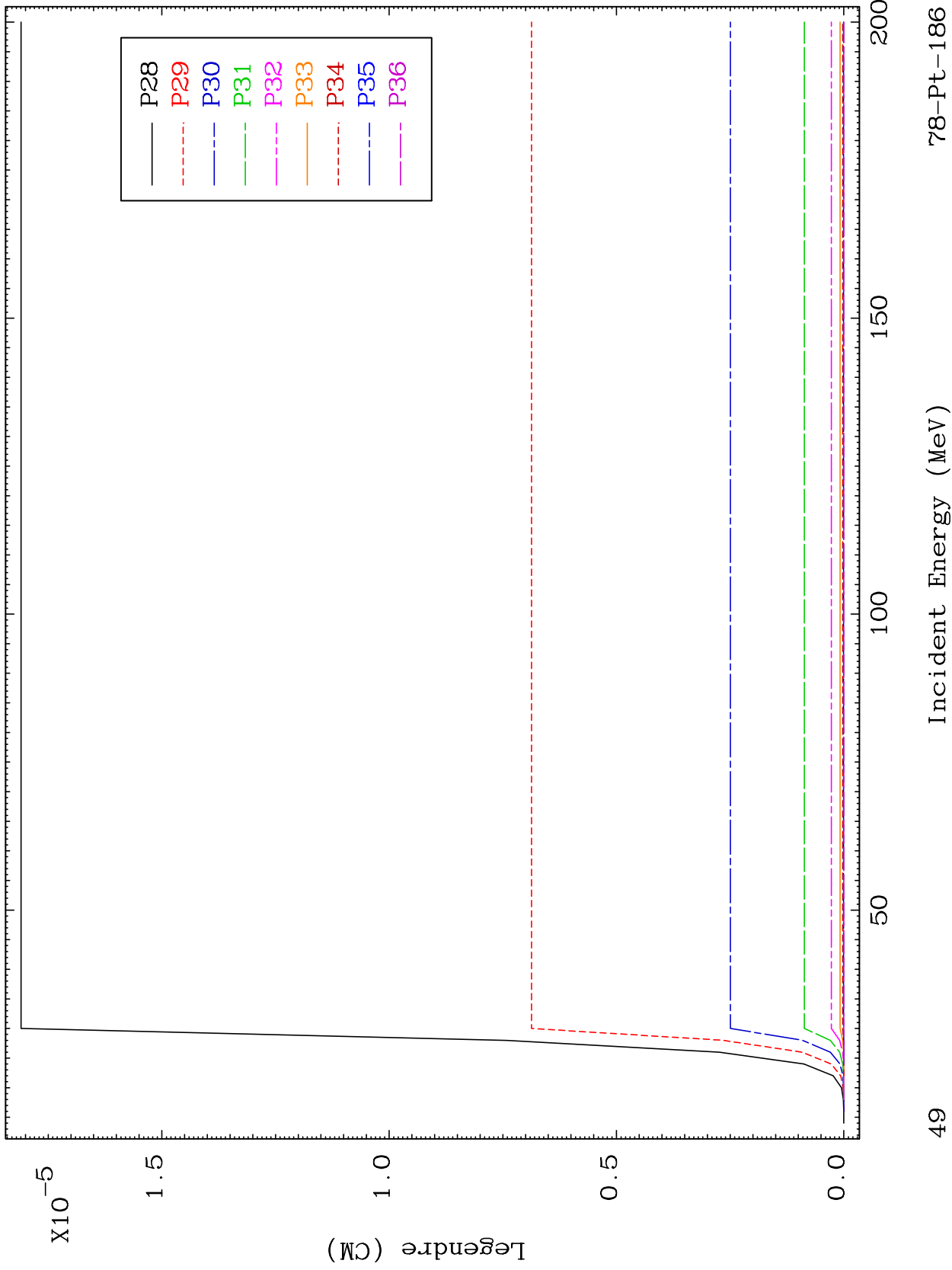
Incident Energy (MeV)

78-Pt-186

MAT 7813

991.5 keV (n,n') Level
Legendre Coefficients

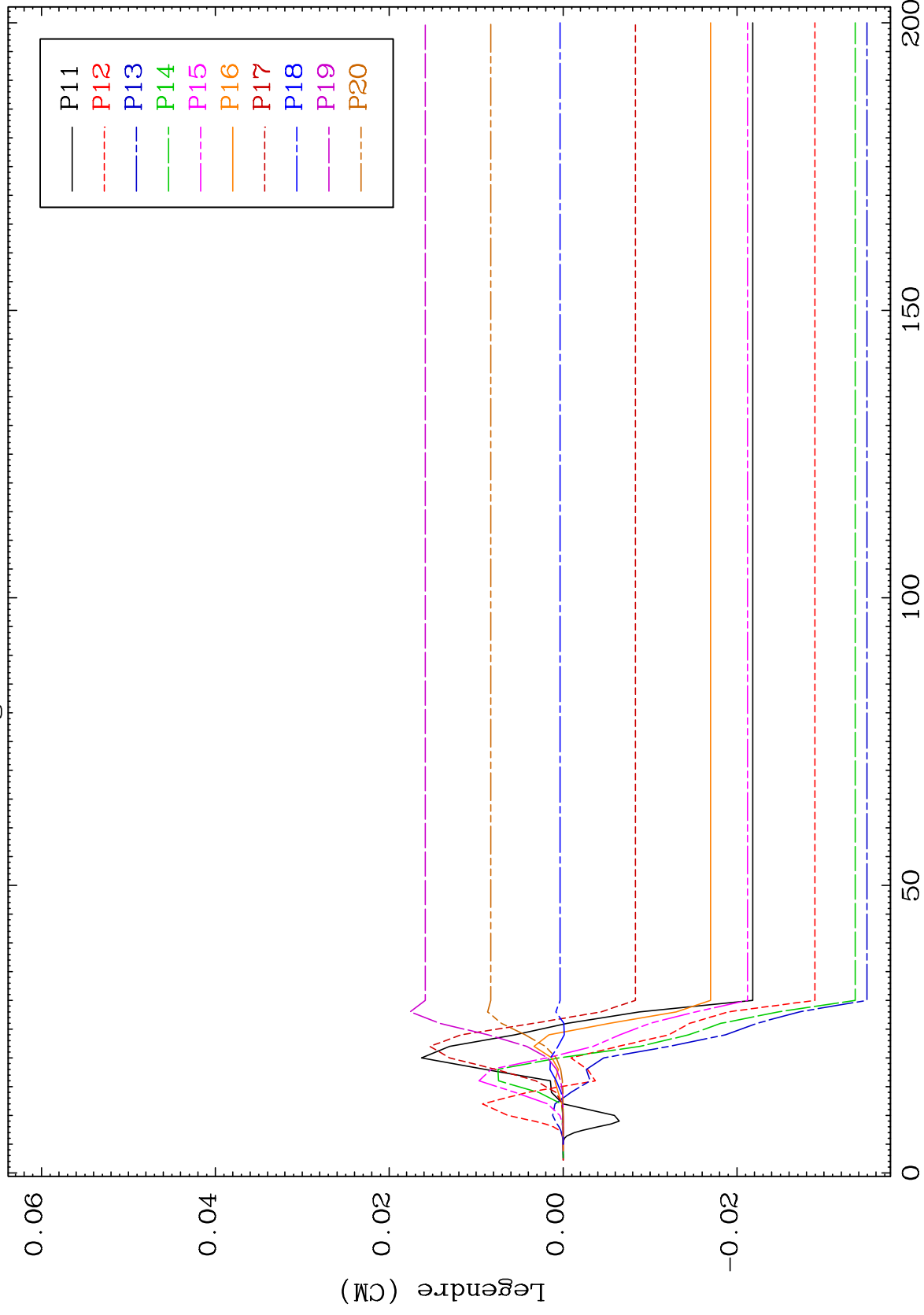
78-Pt-186



MAT 7813

1.176 MeV (n,n') Level
Legendre Coefficients

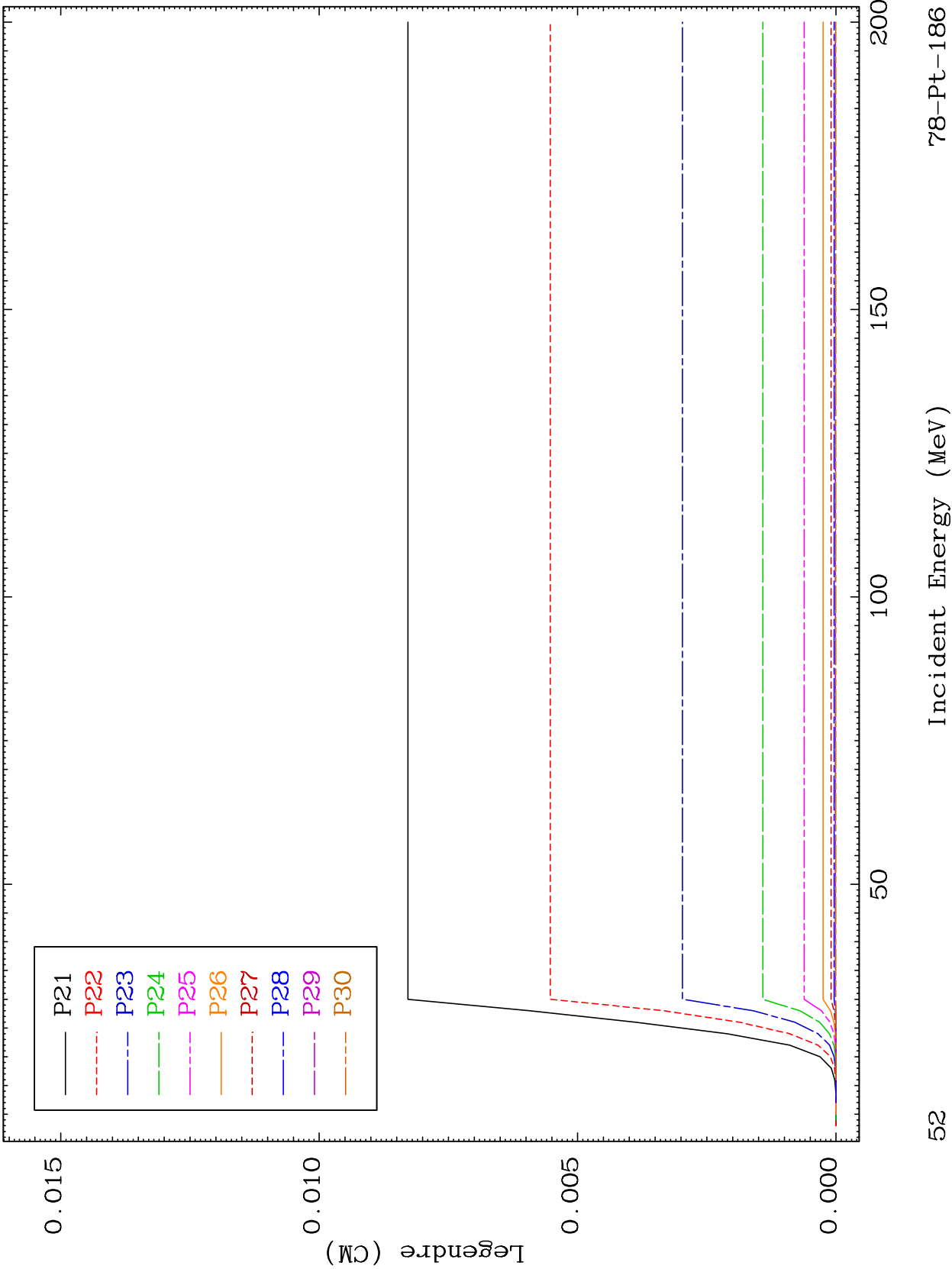
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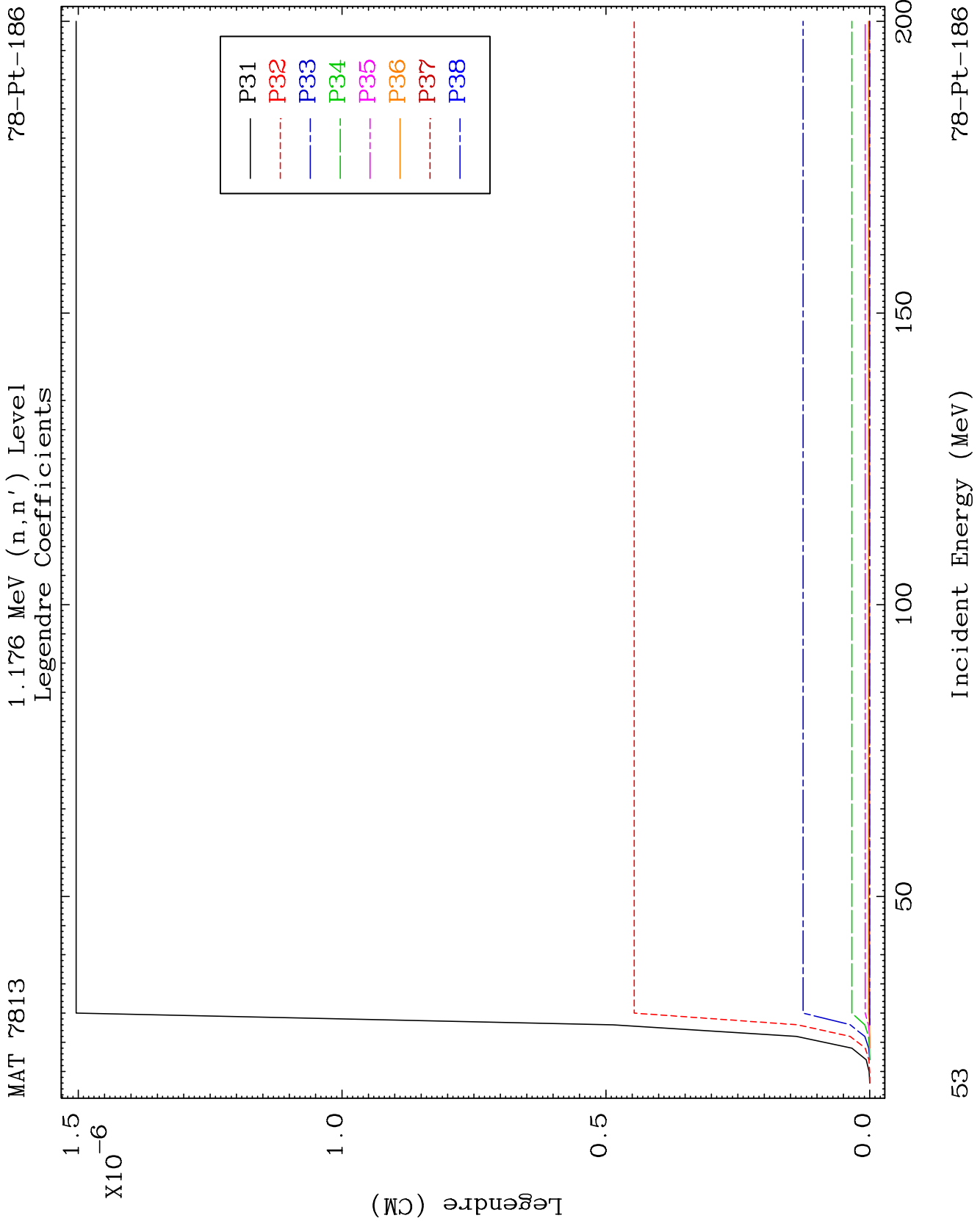


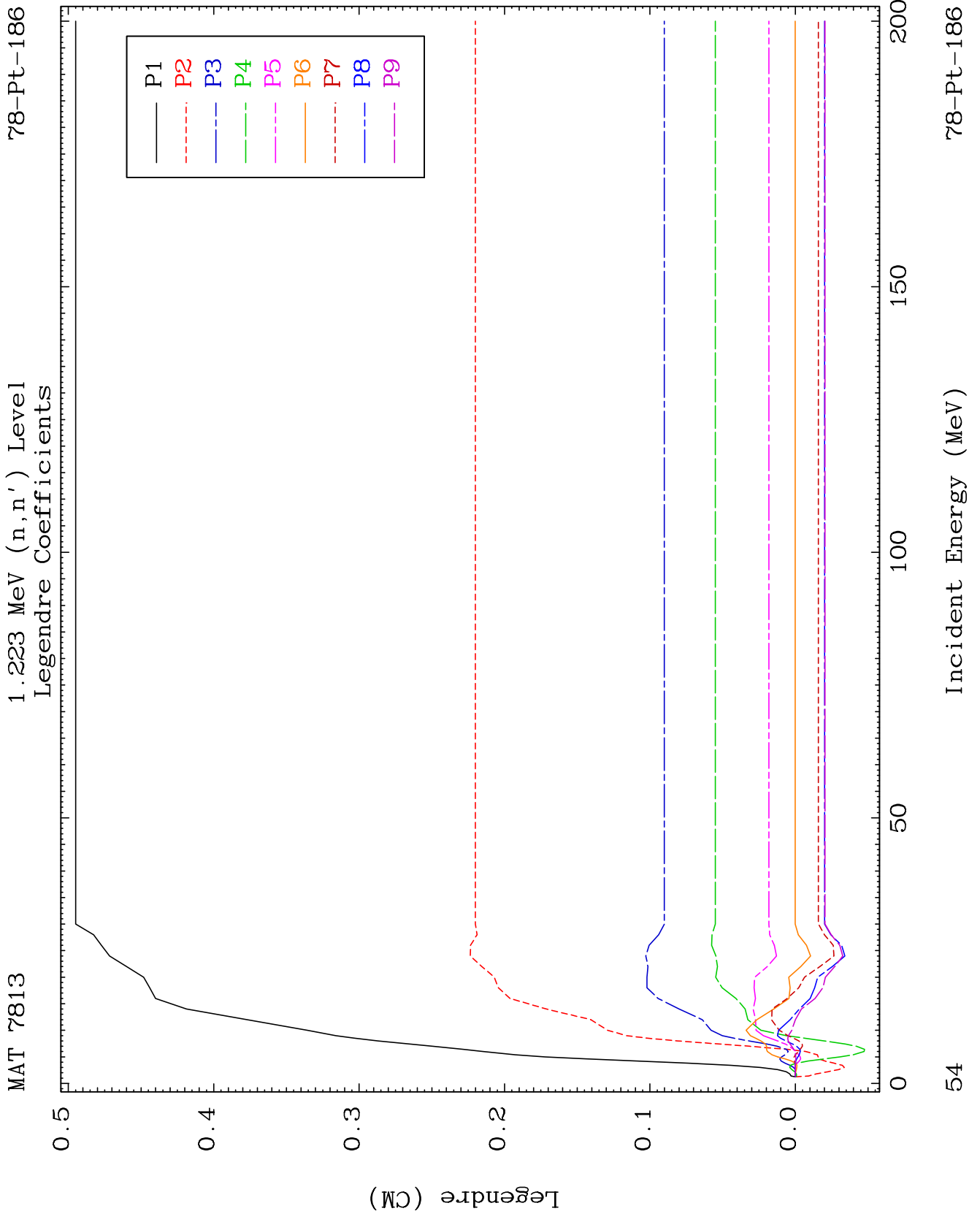
51

Incident Energy (MeV)

78-Pt-186



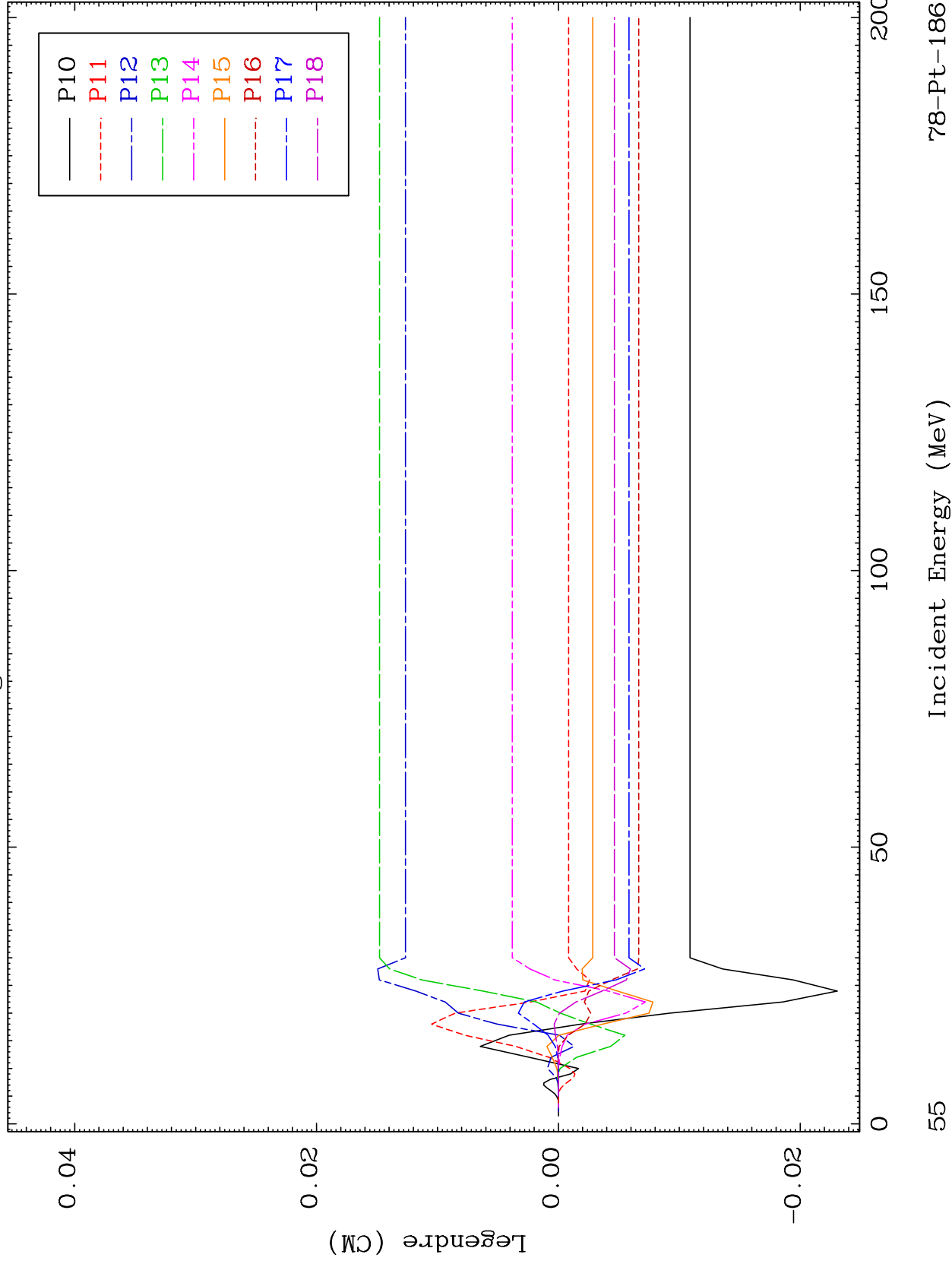




MAT 7813

1.223 MeV (n,n') Level
Legendre Coefficients

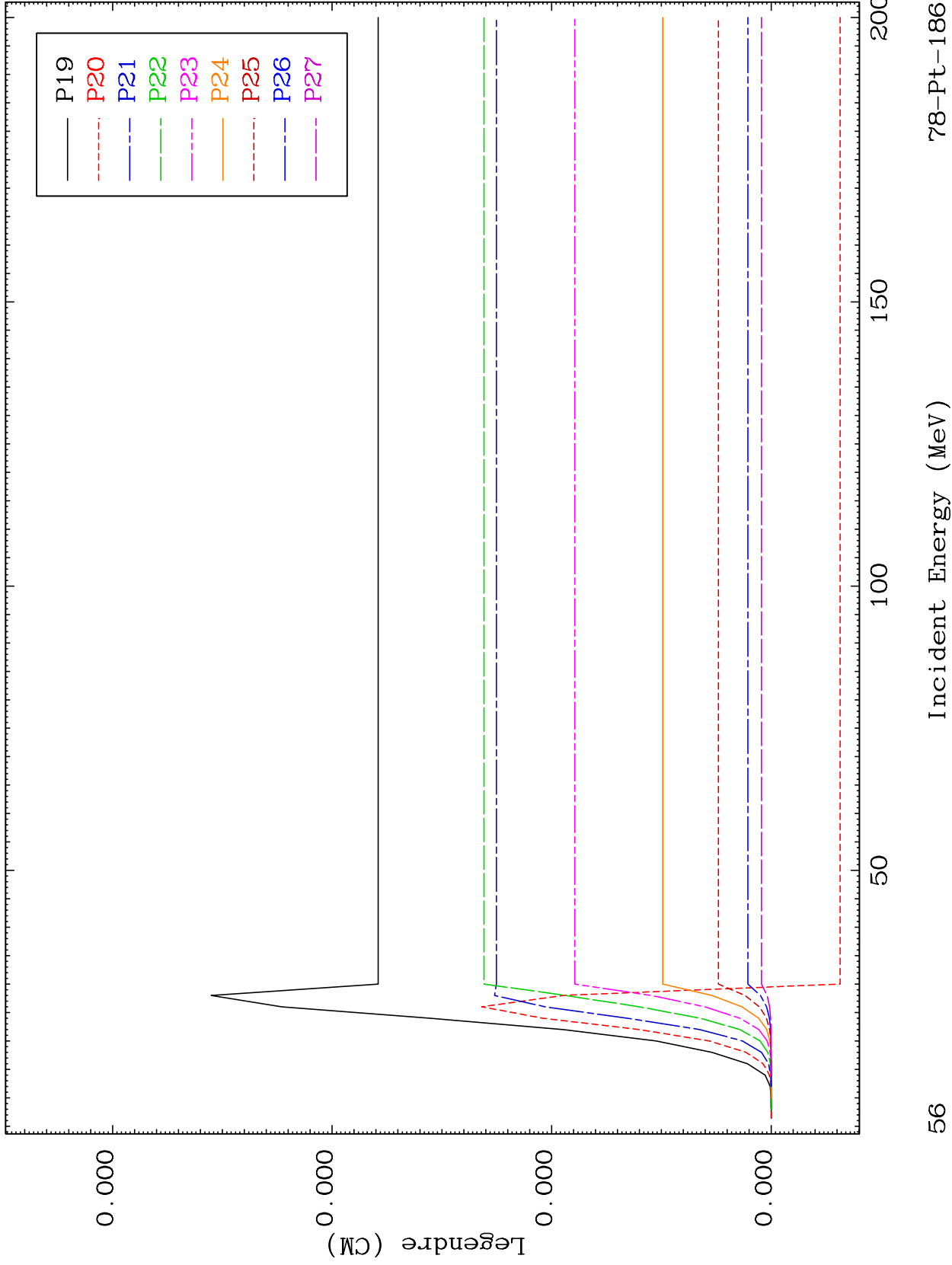
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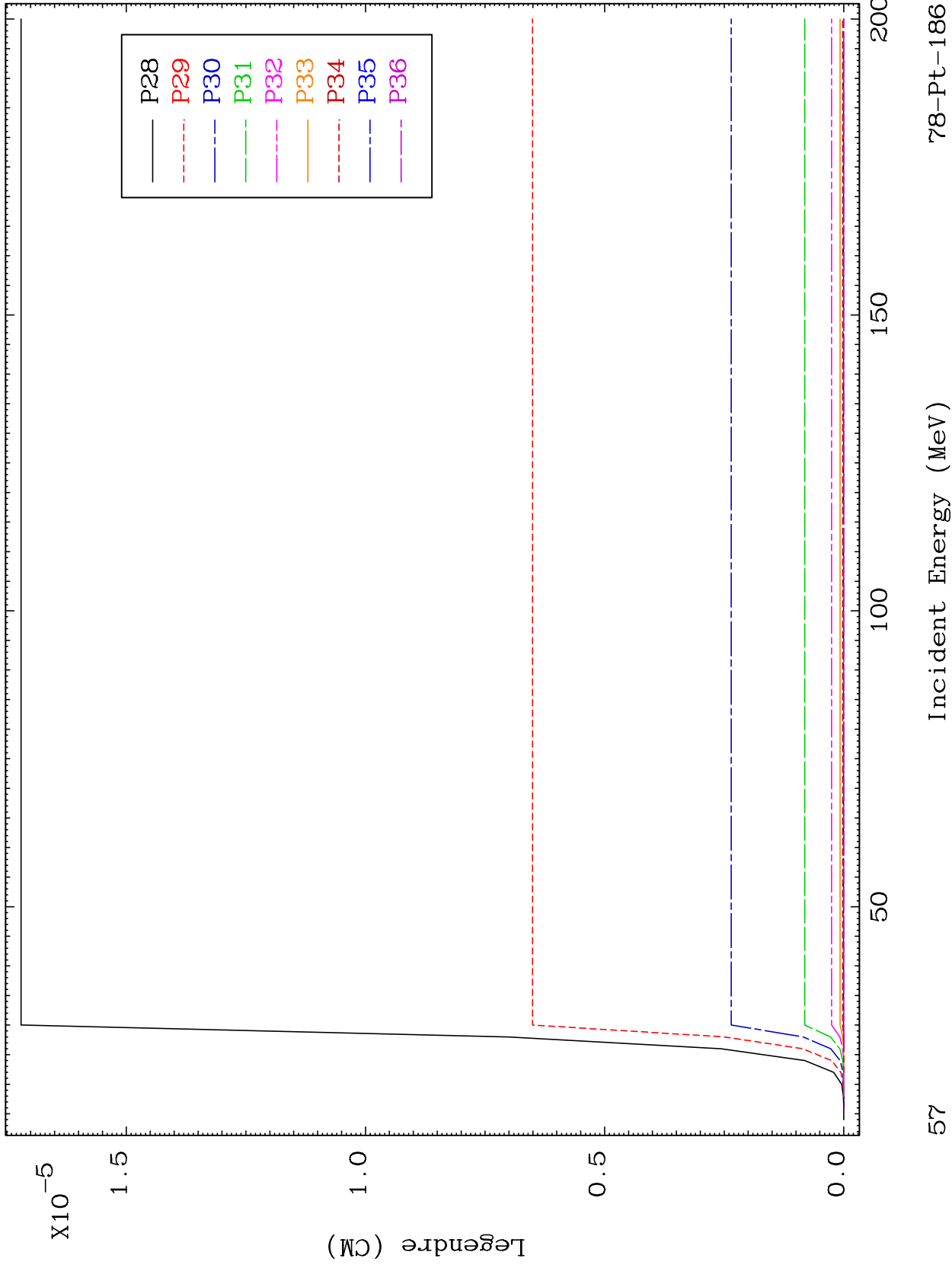


78-Pt-186

Incident Energy (MeV)

55

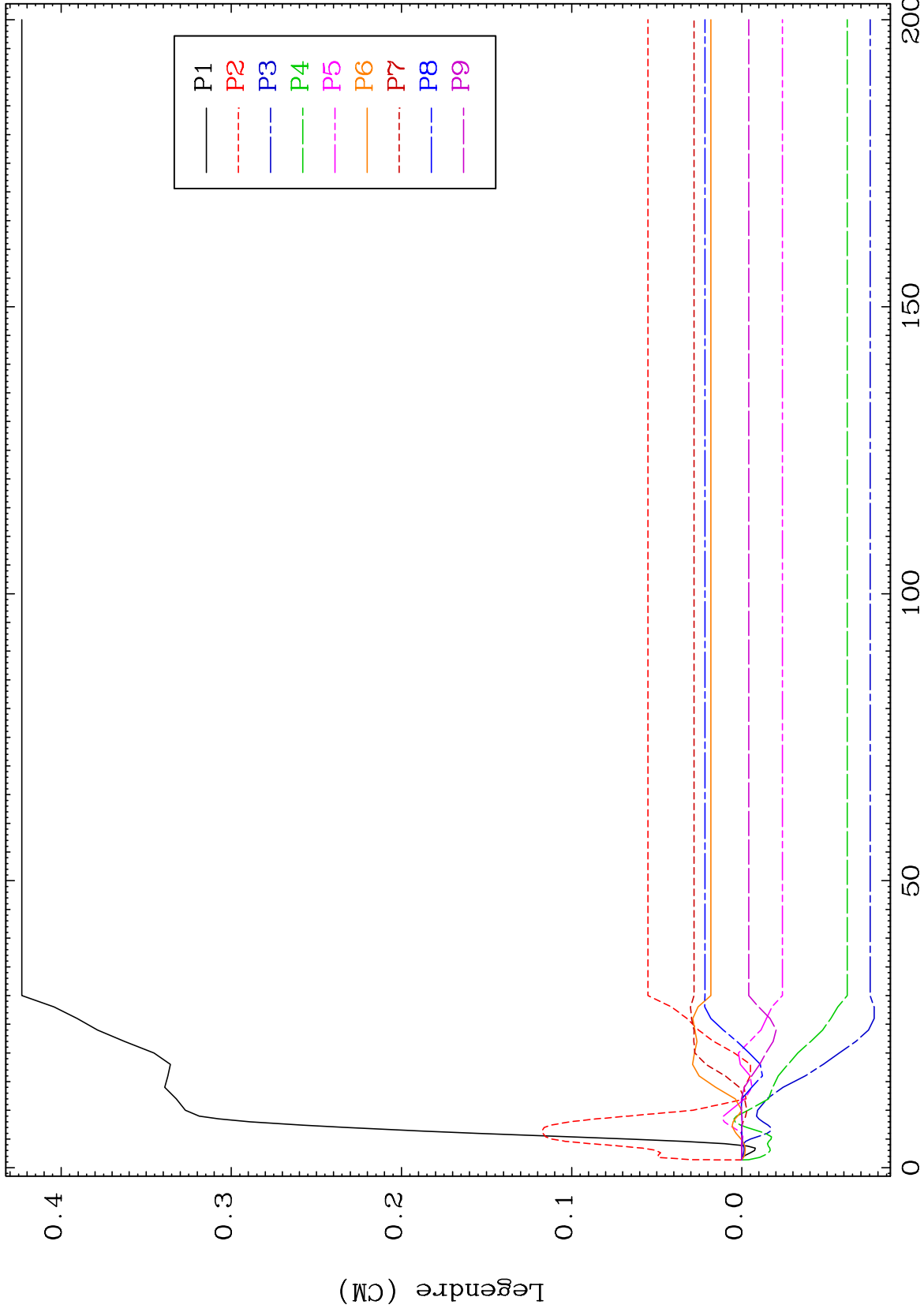




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1.343 MeV (n,n') Level
Legendre Coefficients

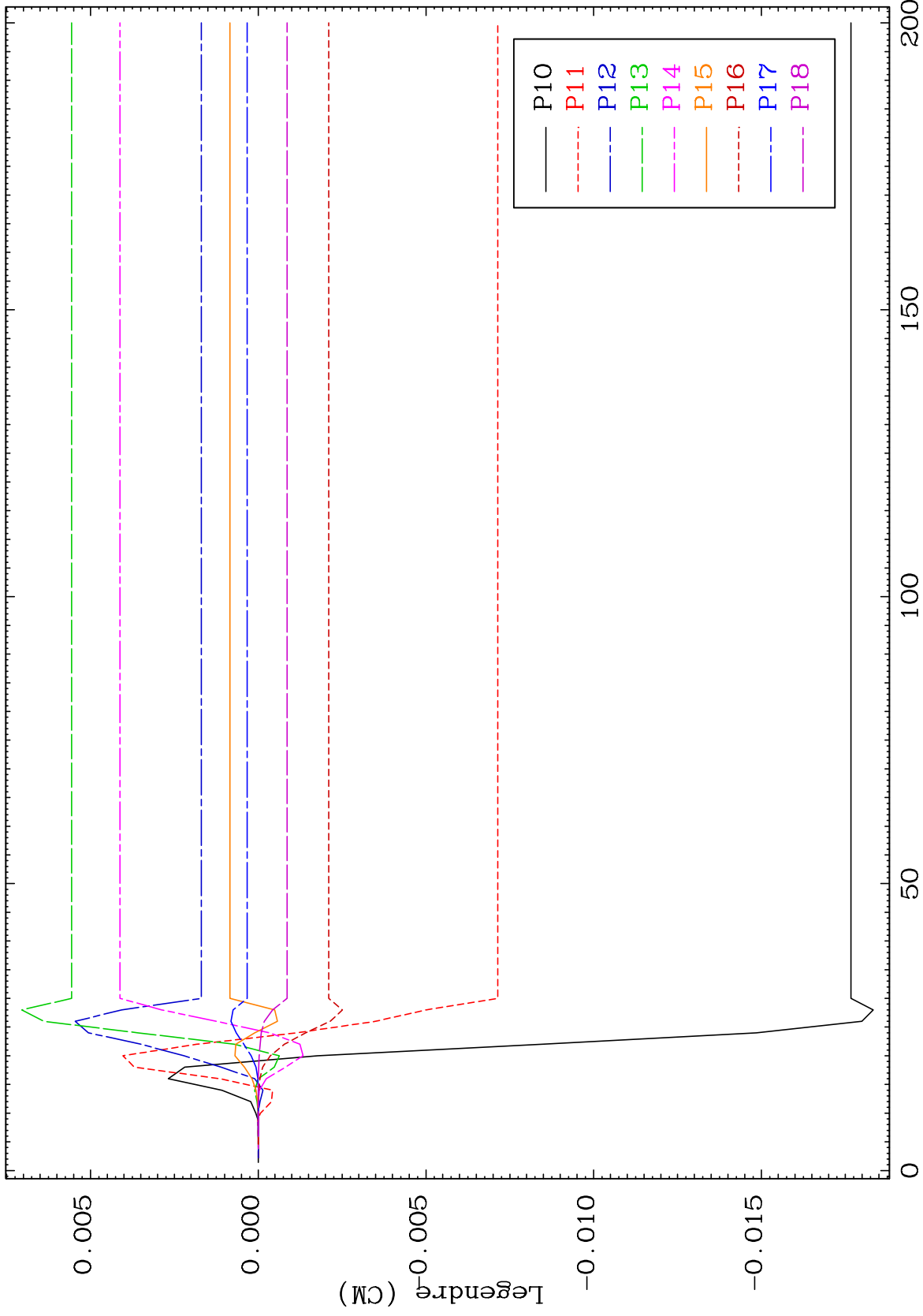
78-Pt-186



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Incident Energy (MeV)

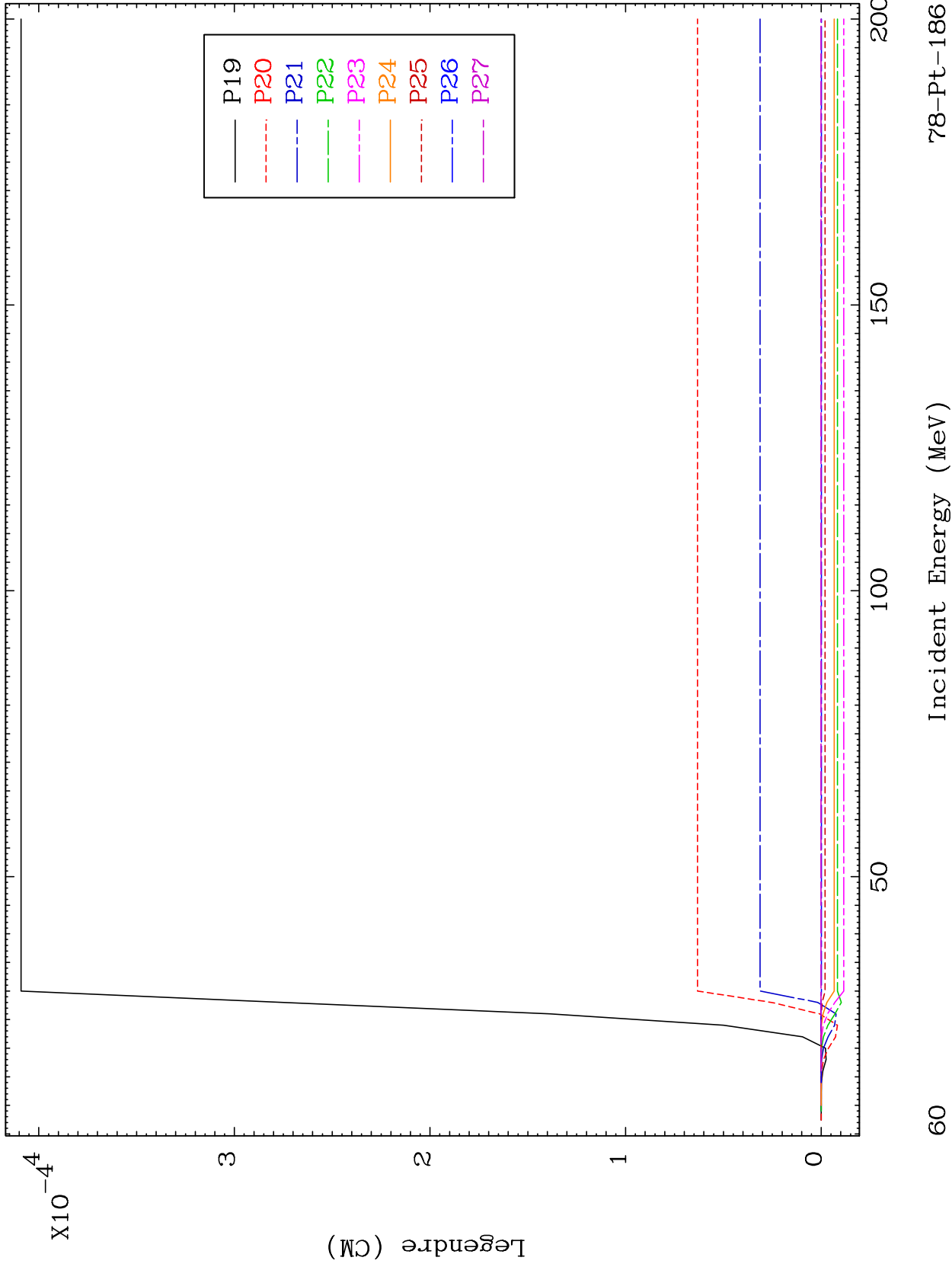
78-Pt-186



MAT 7813

1.343 MeV (n,n') Level
Legendre Coefficients

78-Pt-186



78-Pt-186

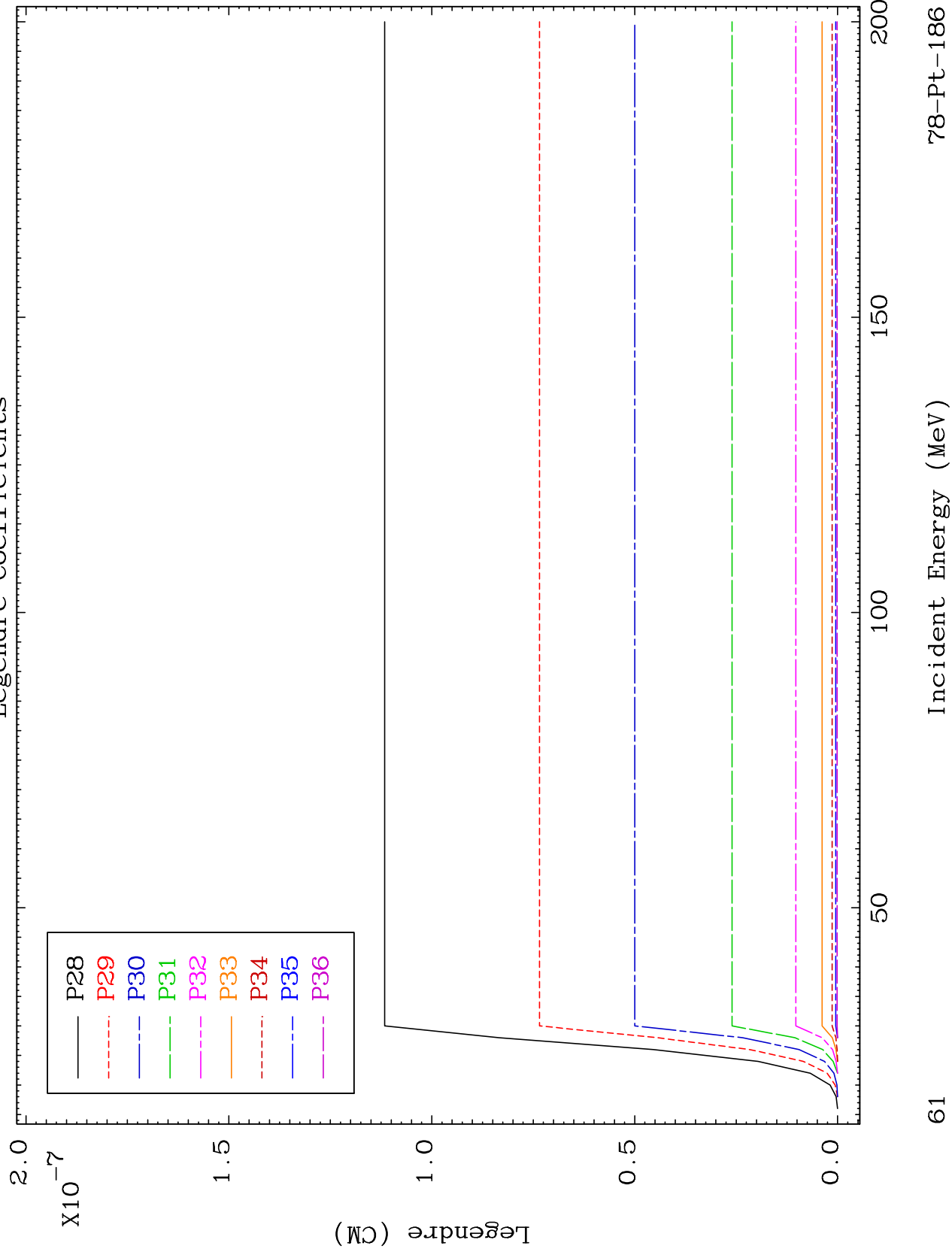
Incident Energy (MeV)

60

MAT 7813

1.343 MeV (n,n') Level
Legendre Coefficients

78-Pt-186



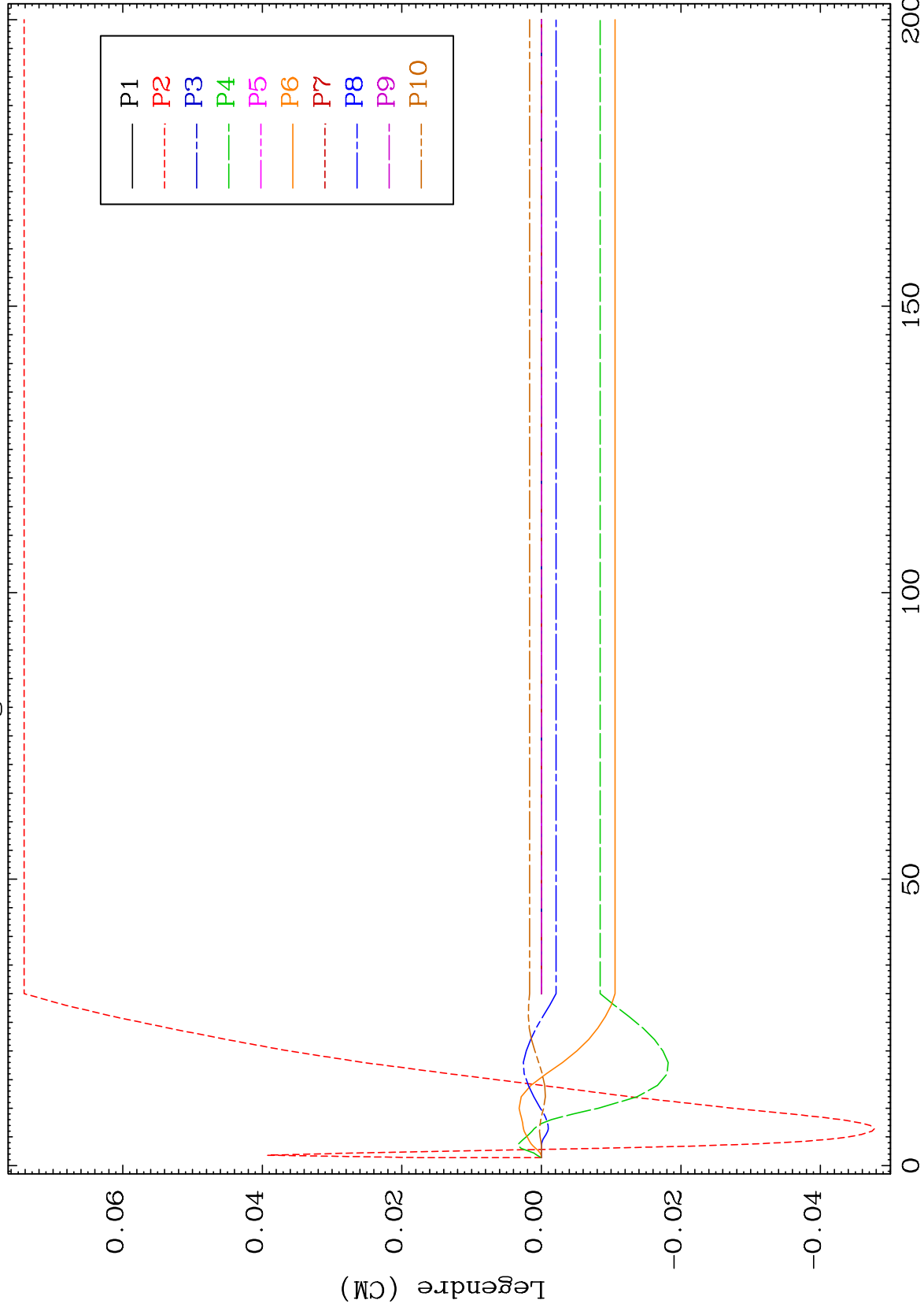
61

78-Pt-186

MAT 7813

1.363 MeV (n,n') Level
Legendre Coefficients

78-Pt-186



Incident Energy (MeV)

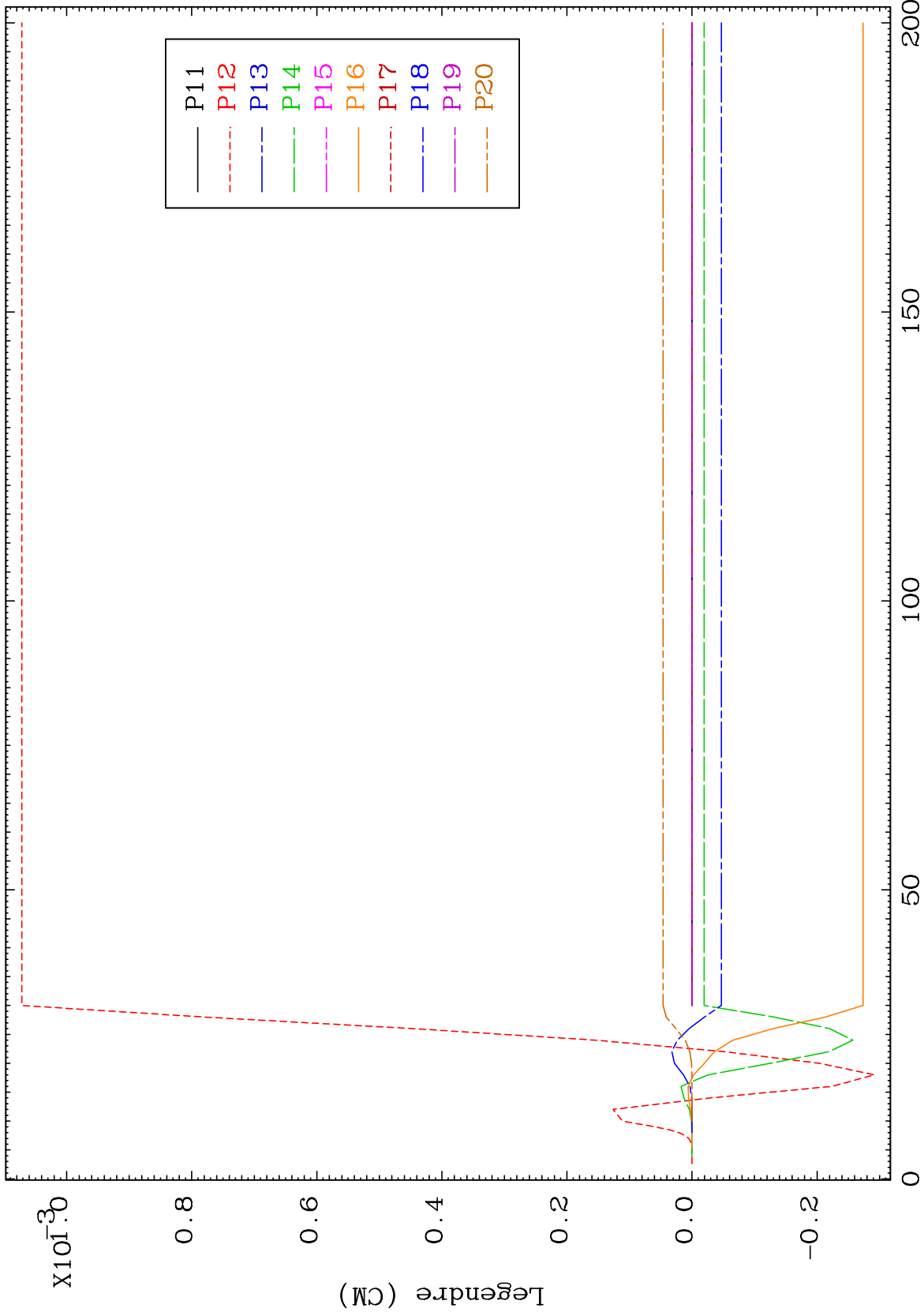
78-Pt-186

62

MAT 7813

1.363 MeV (n,n') Level
Legendre Coefficients

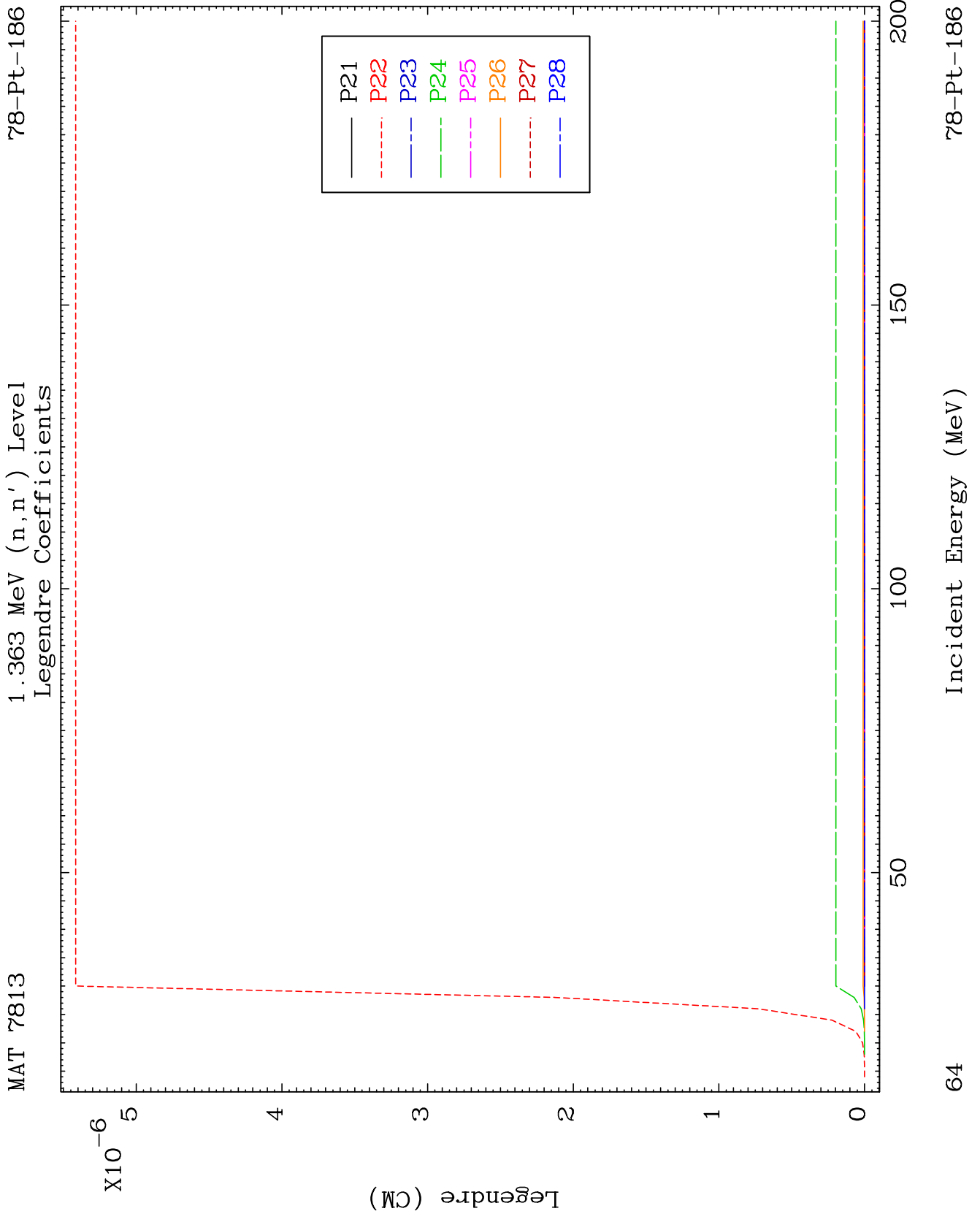
78-Pt-186



63

Incident Energy (MeV)

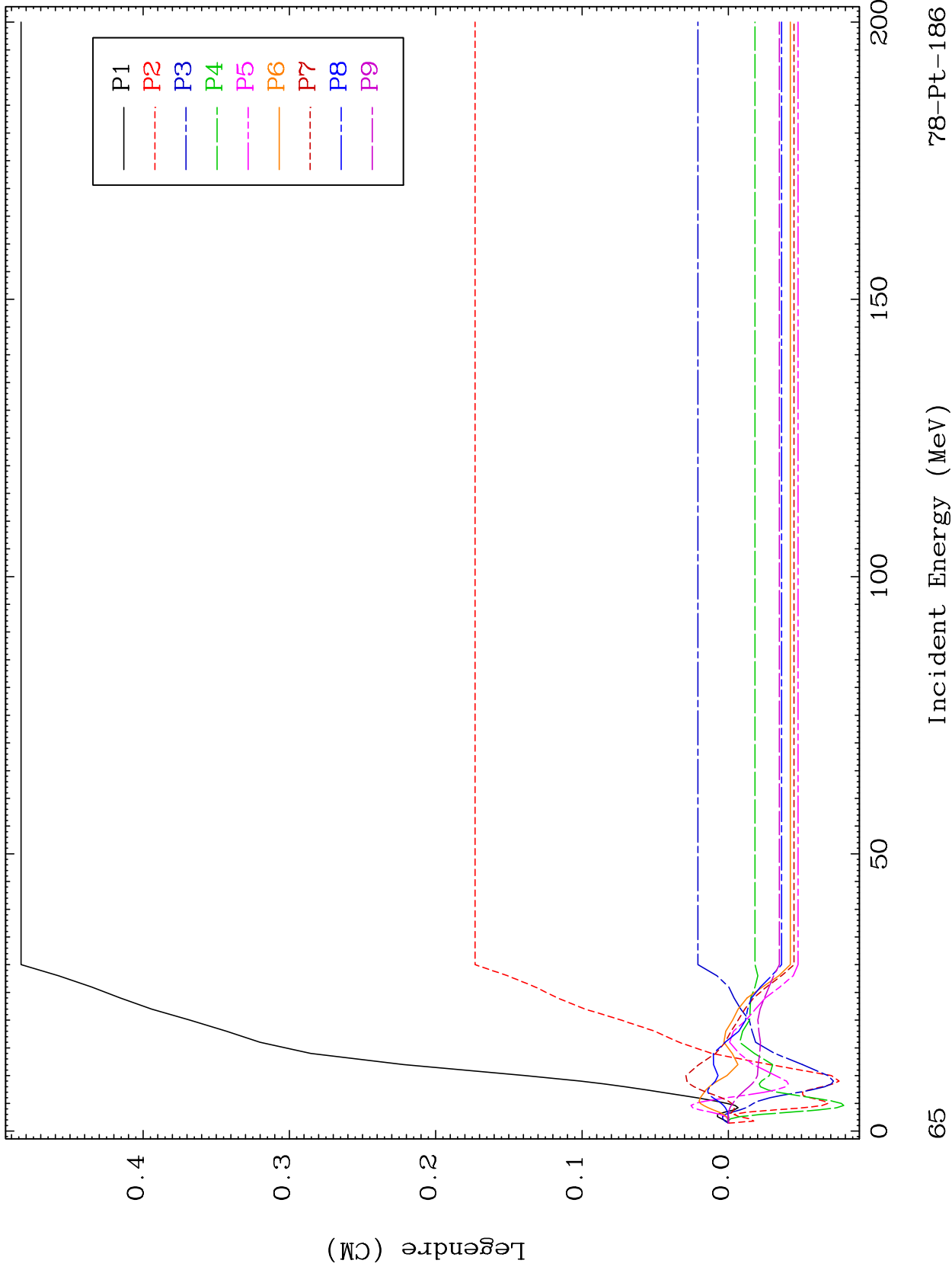
78-Pt-186



MAT 7813

1.408 MeV (n,n') Level
Legendre Coefficients

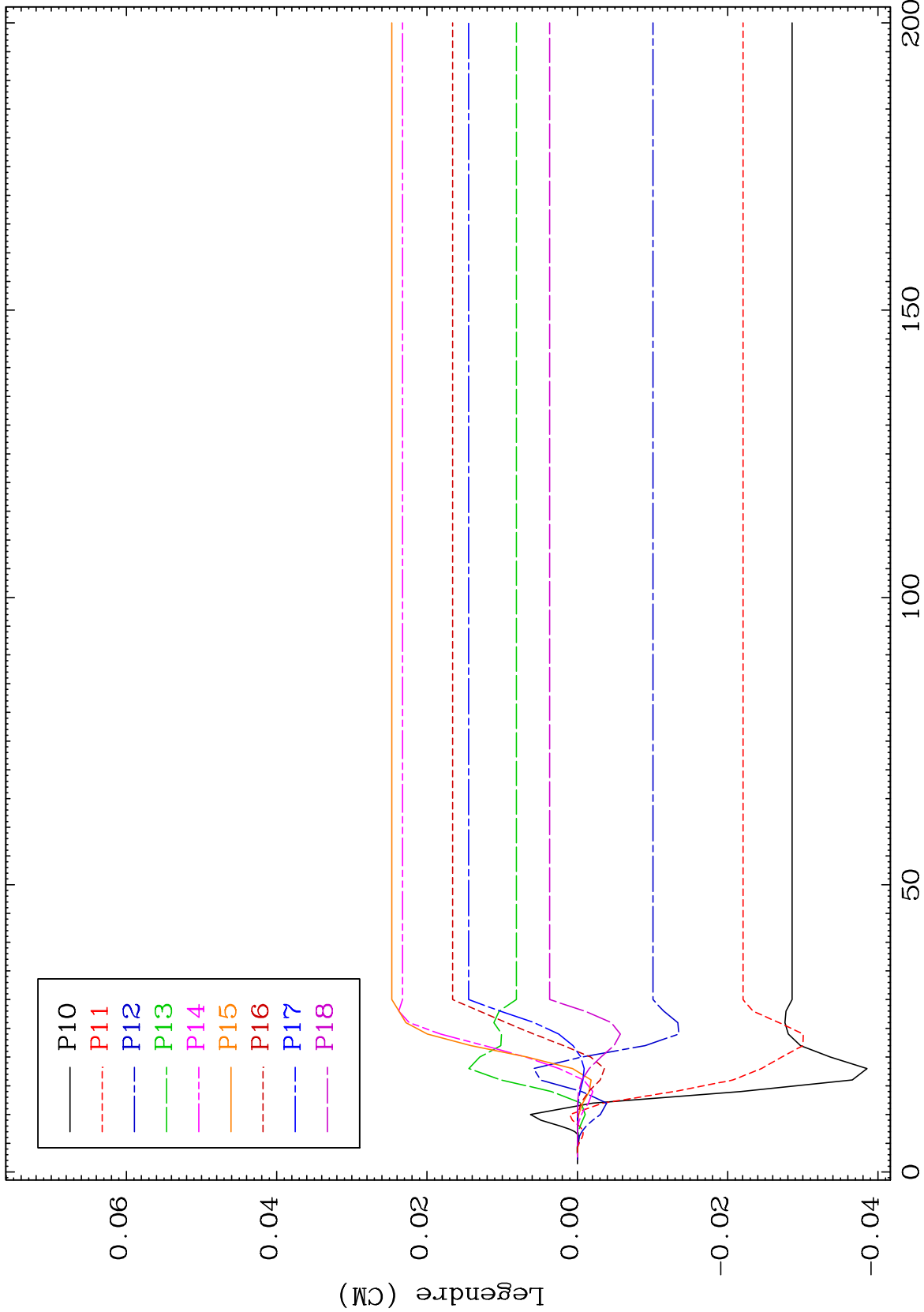
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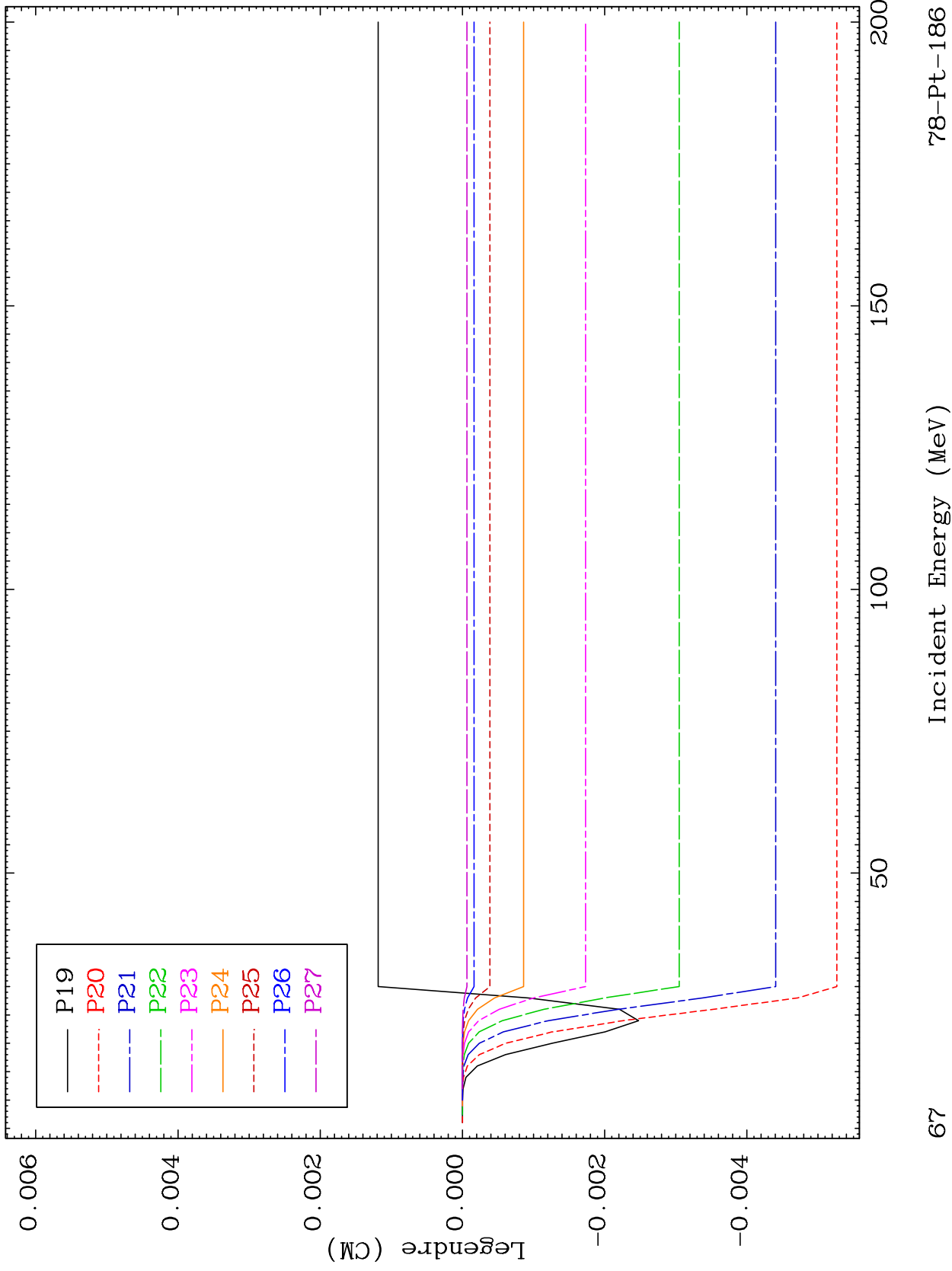


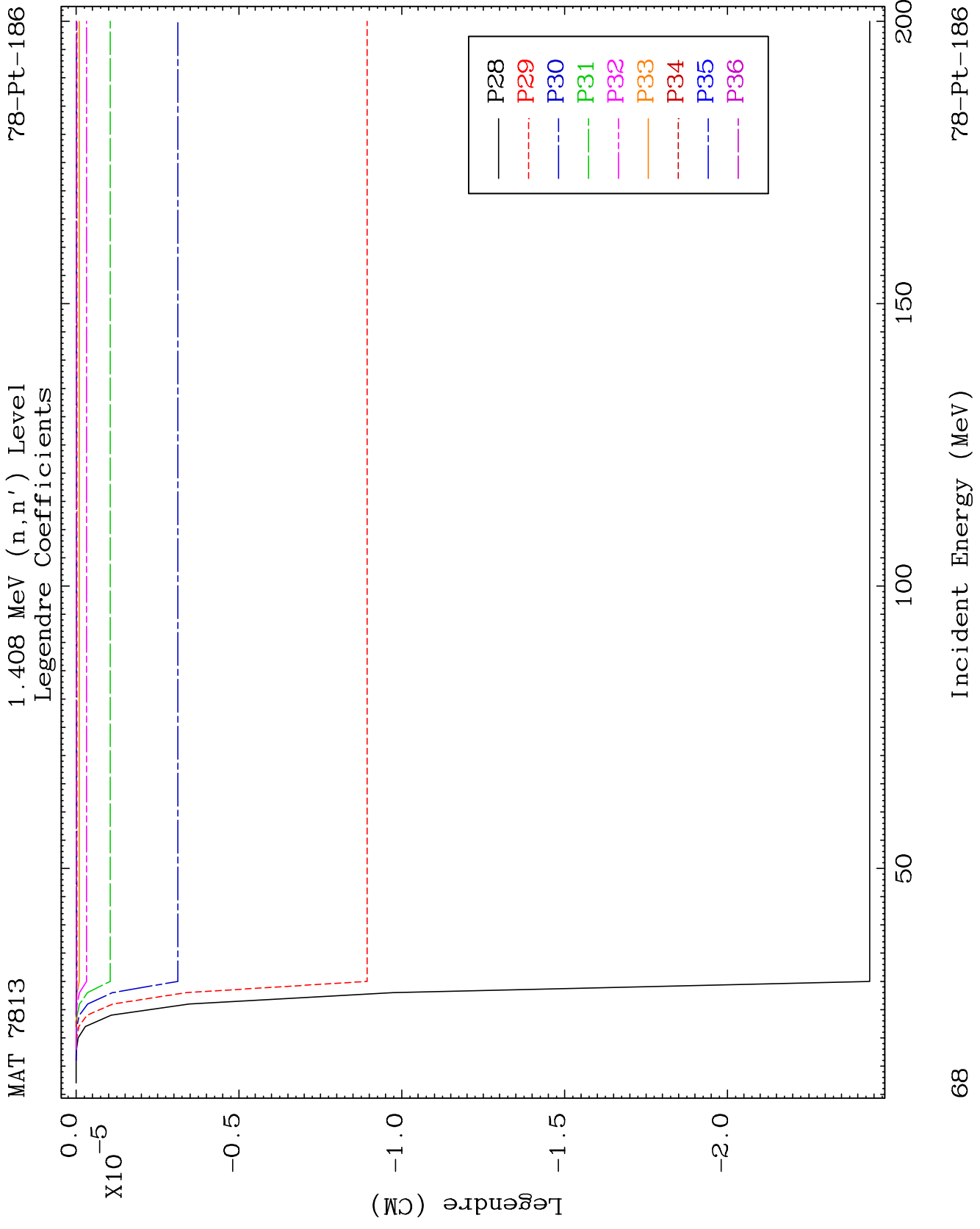
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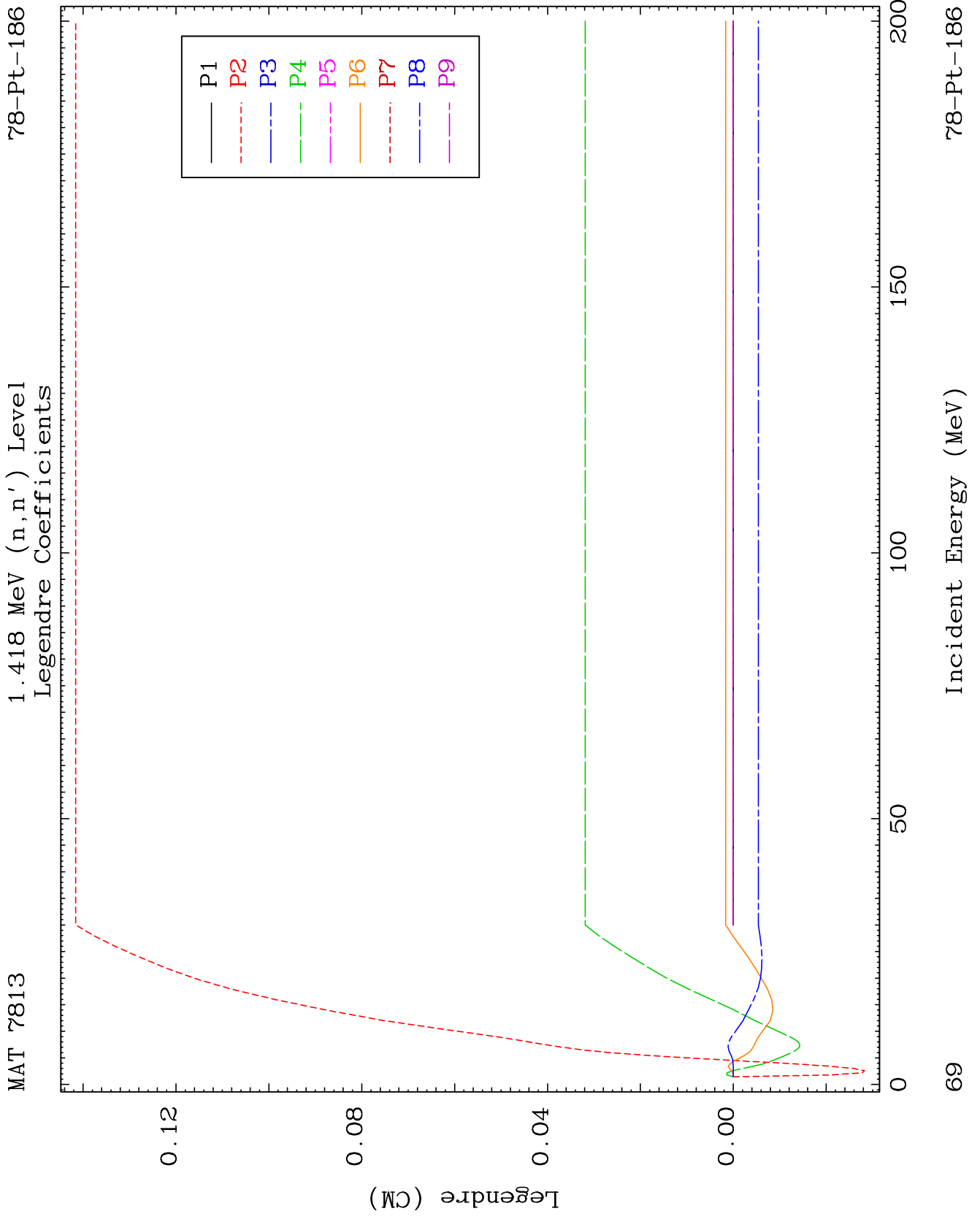
Incident Energy (MeV)

65





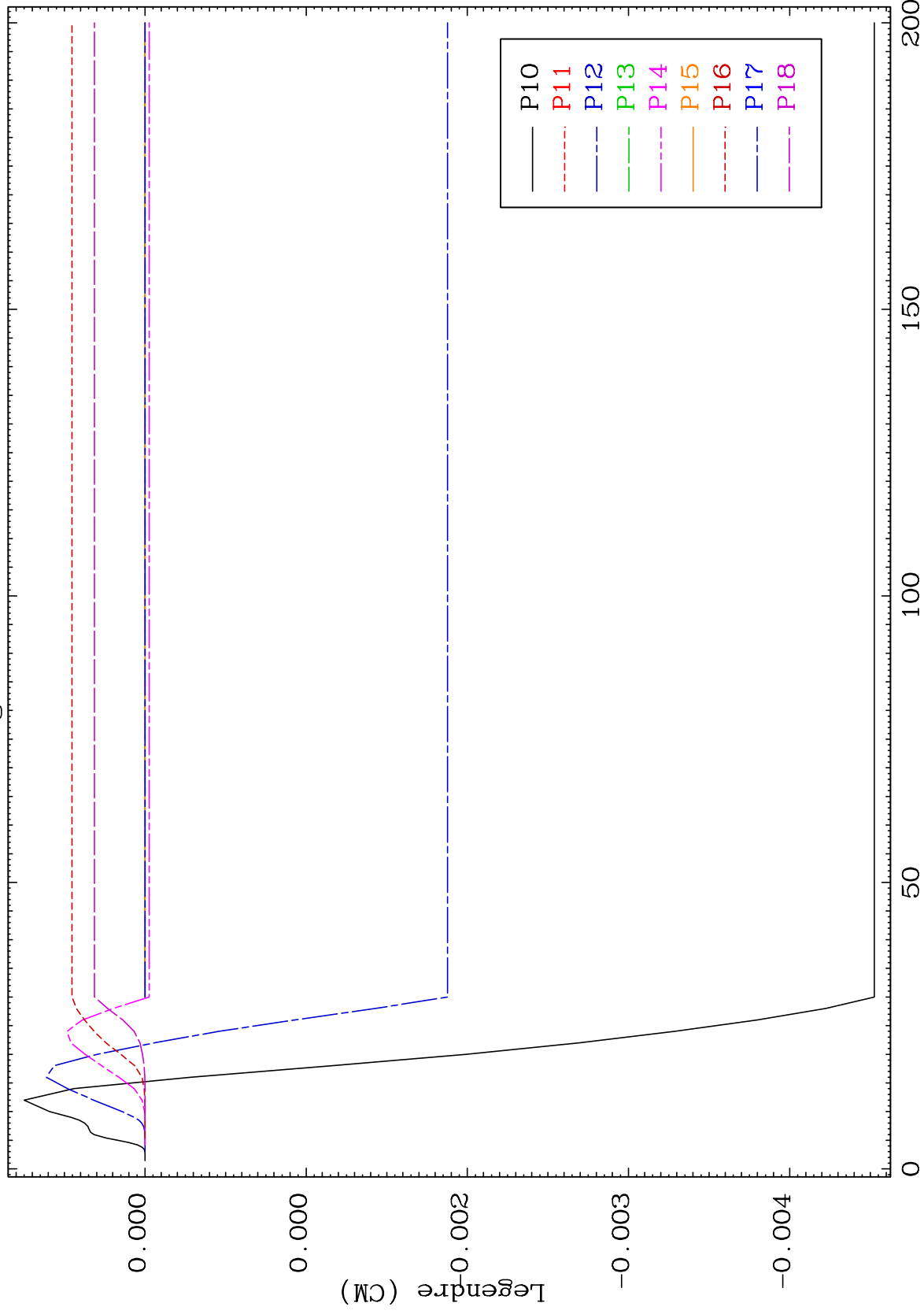




MAT 7813

1.418 MeV (n,n') Level
Legendre Coefficients

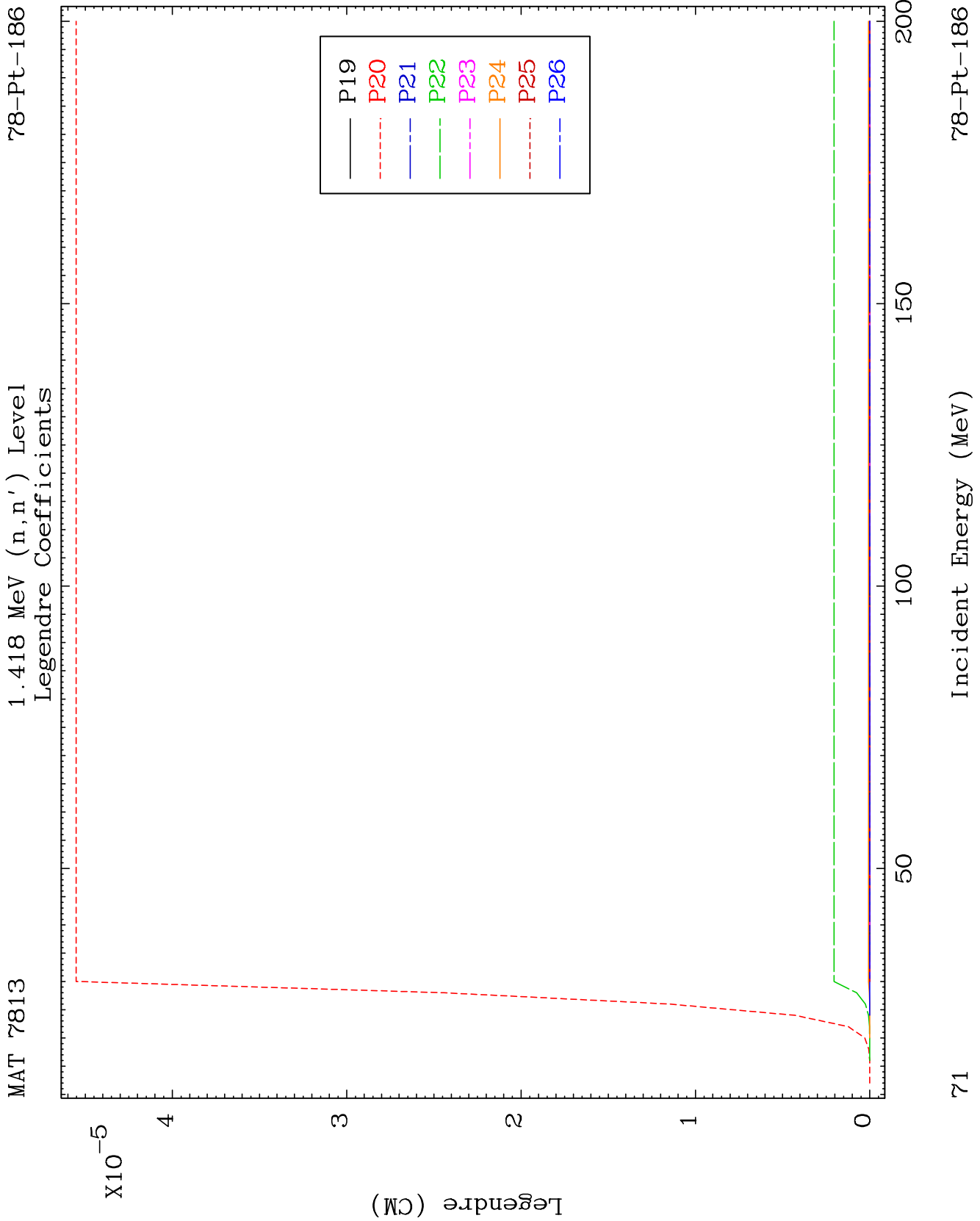
78-Pt-186



70

Incident Energy (MeV)

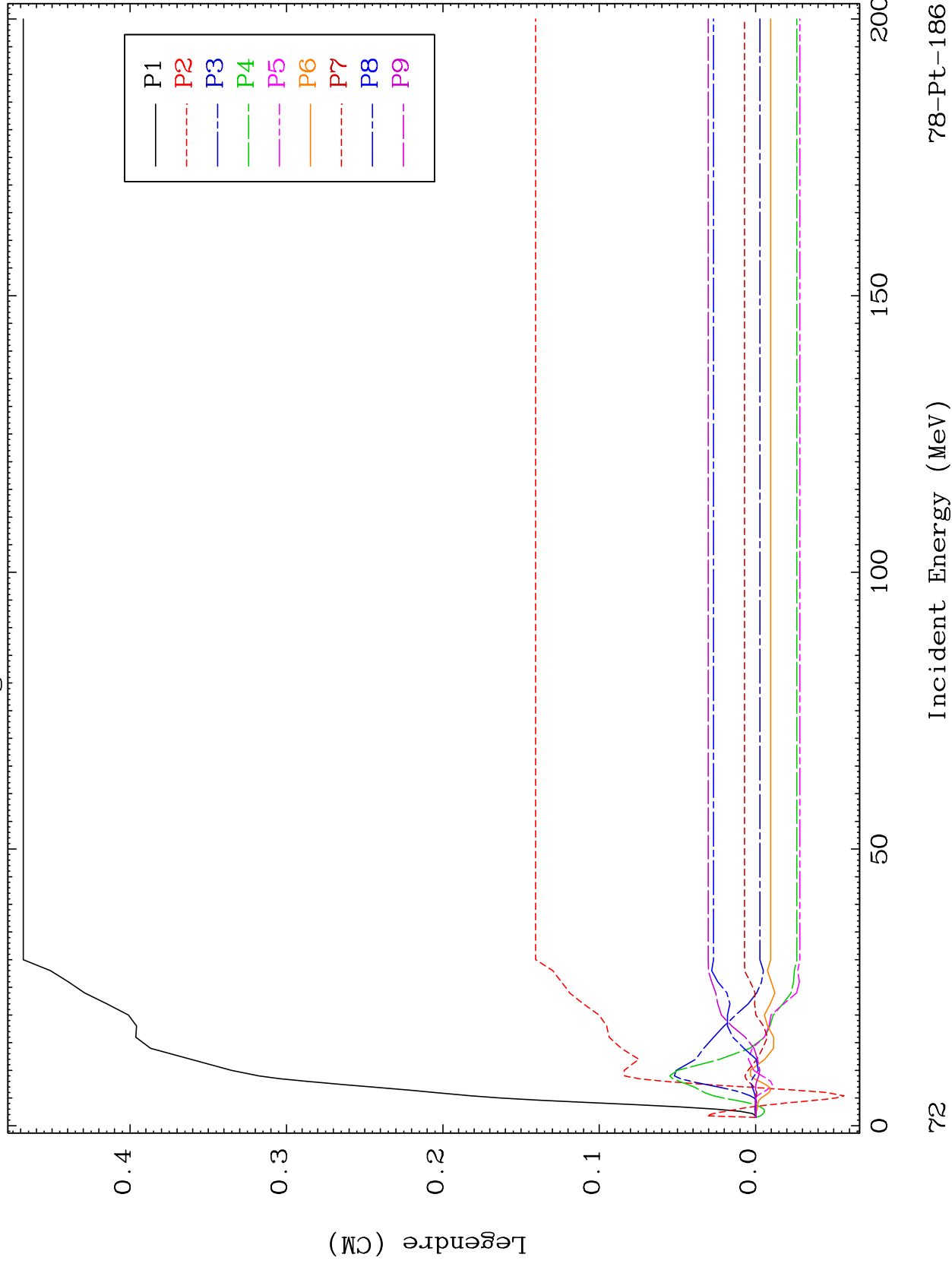
78-Pt-186



MAT 7813

1.470 MeV (n,n') Level
Legendre Coefficients

78-Pt-186



78-Pt-186

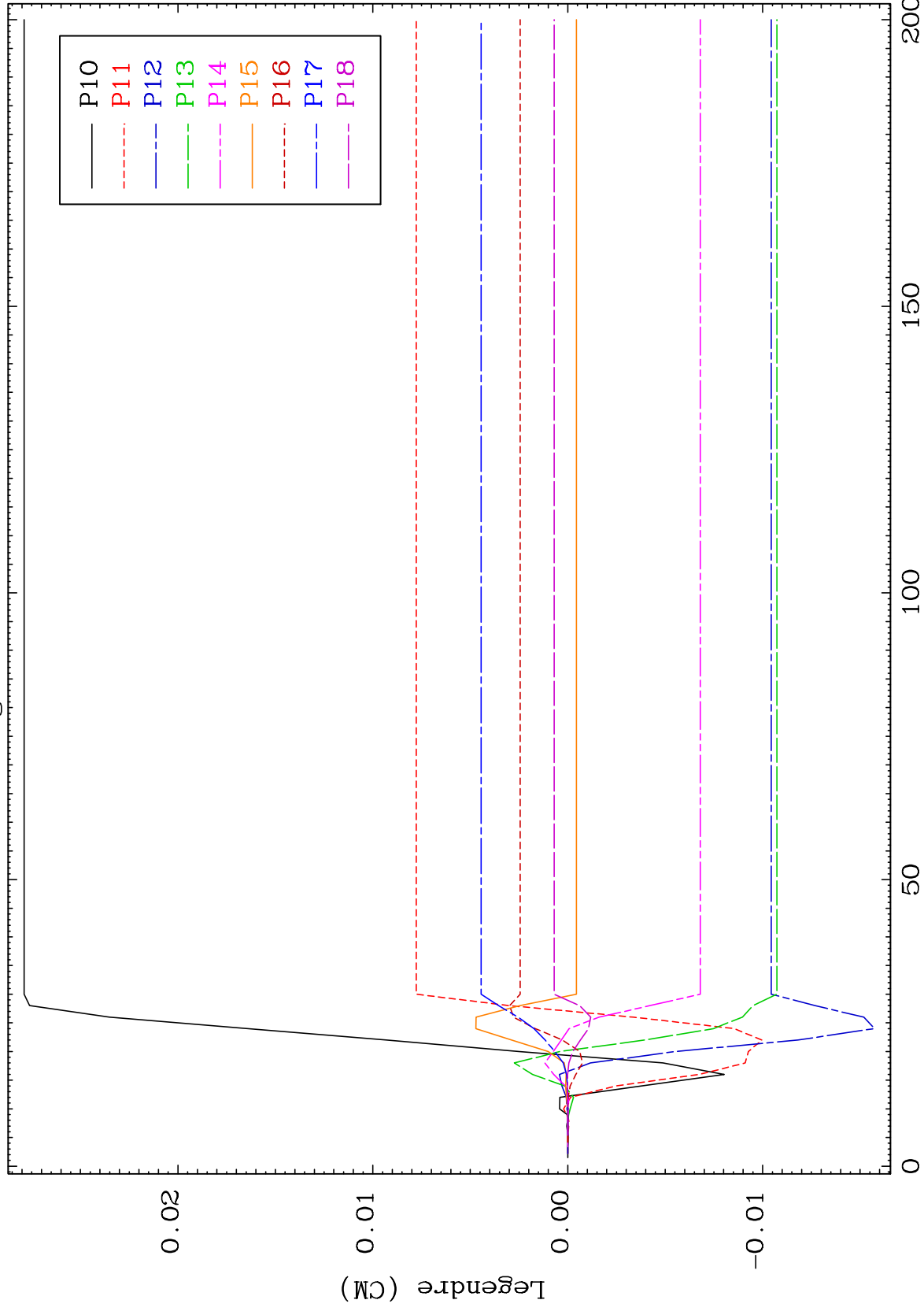
Incident Energy (MeV)

72

MAT 7813

1.470 MeV (n,n') Level
Legendre Coefficients

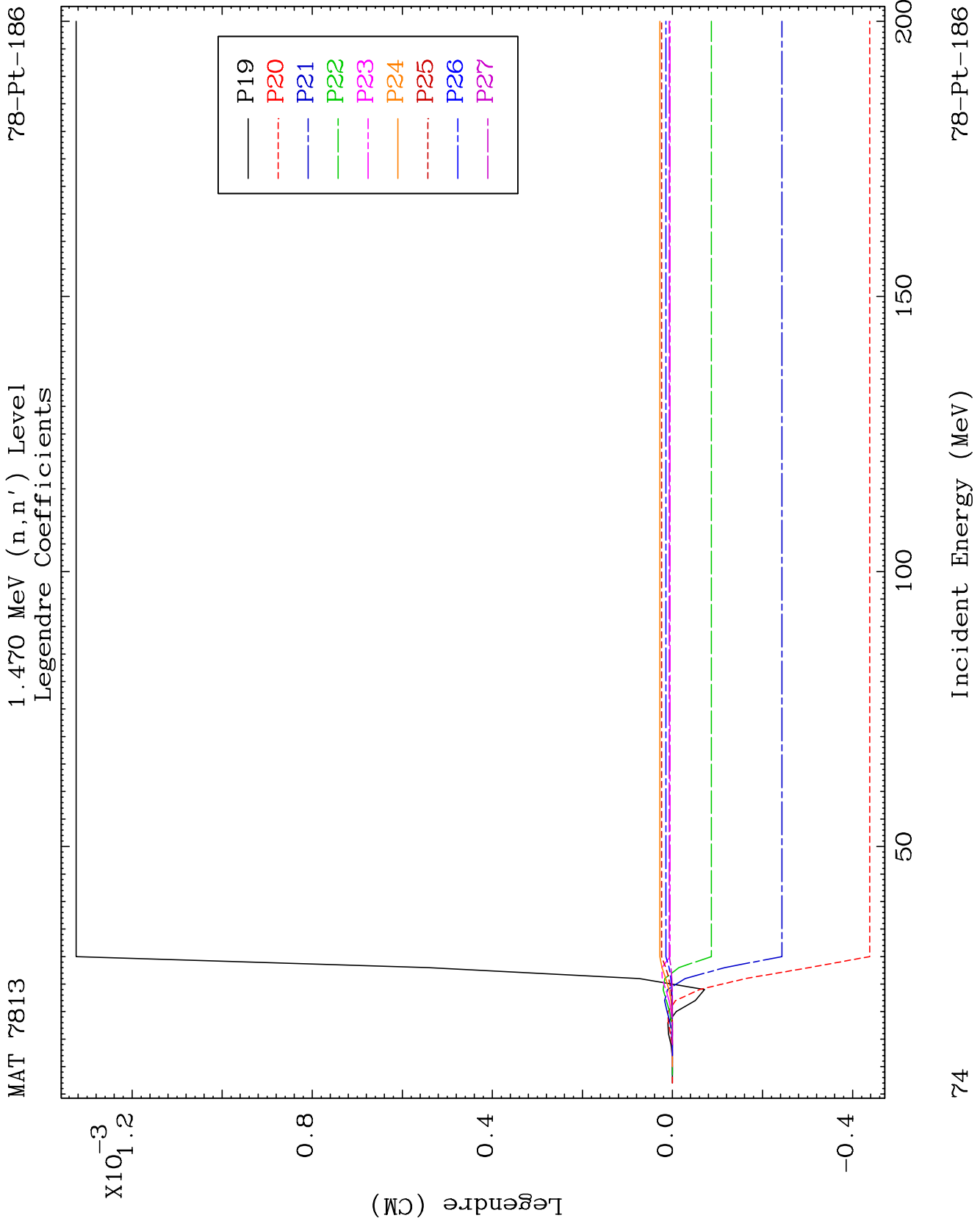
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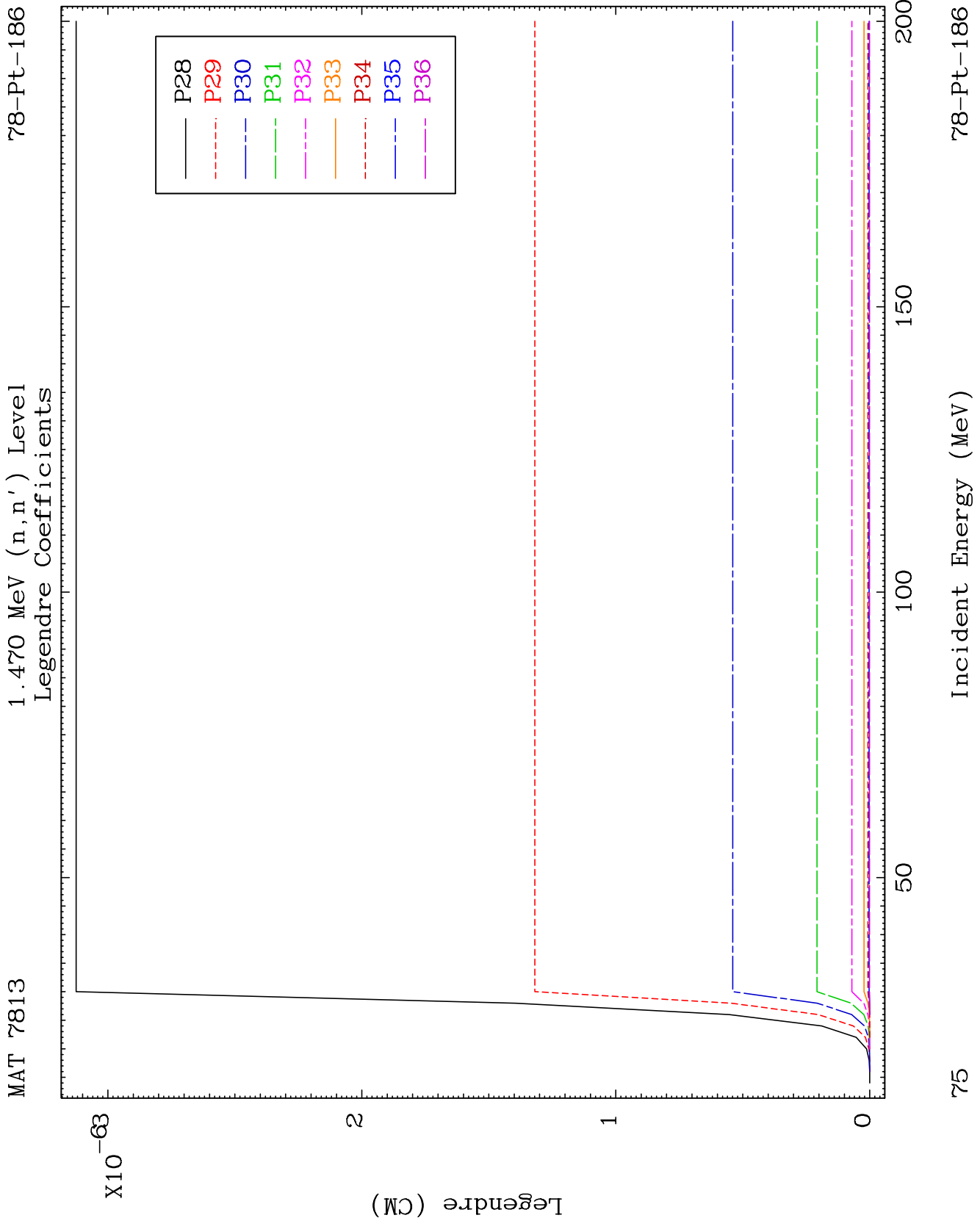


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Incident Energy (MeV)

78-Pt-186

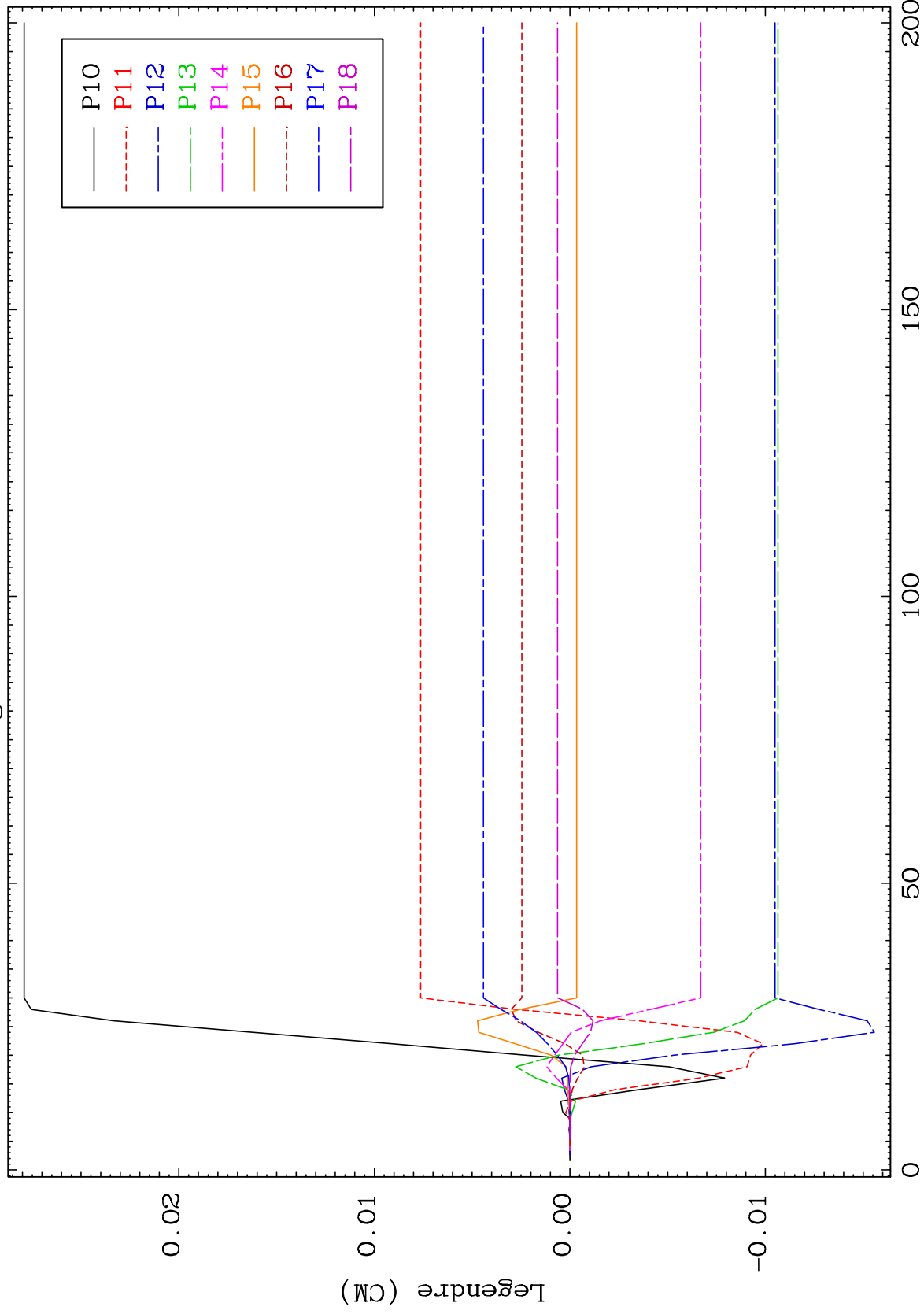




MAT 7813

1.600 MeV (n,n') Level
Legendre Coefficients

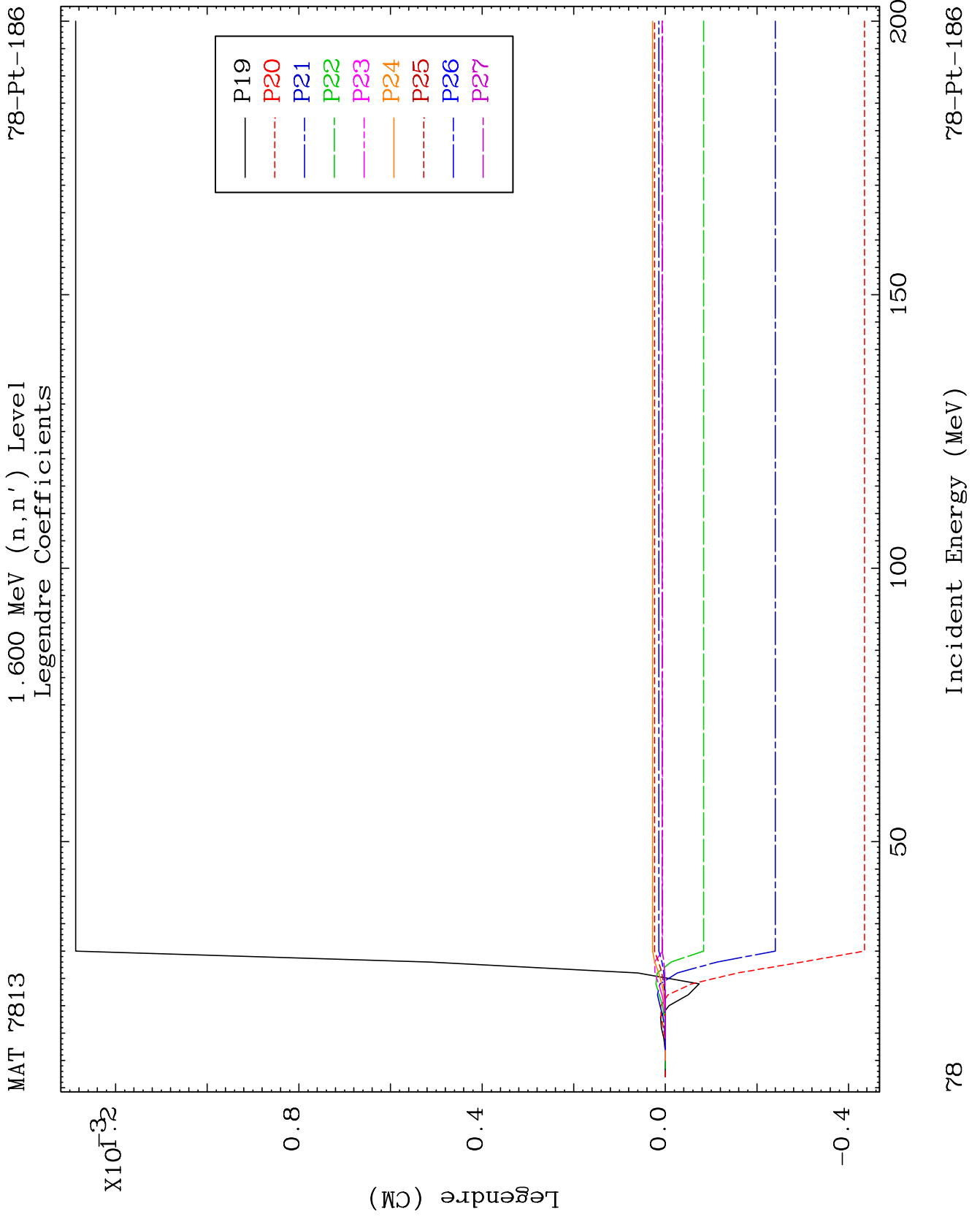
78-Pt-186

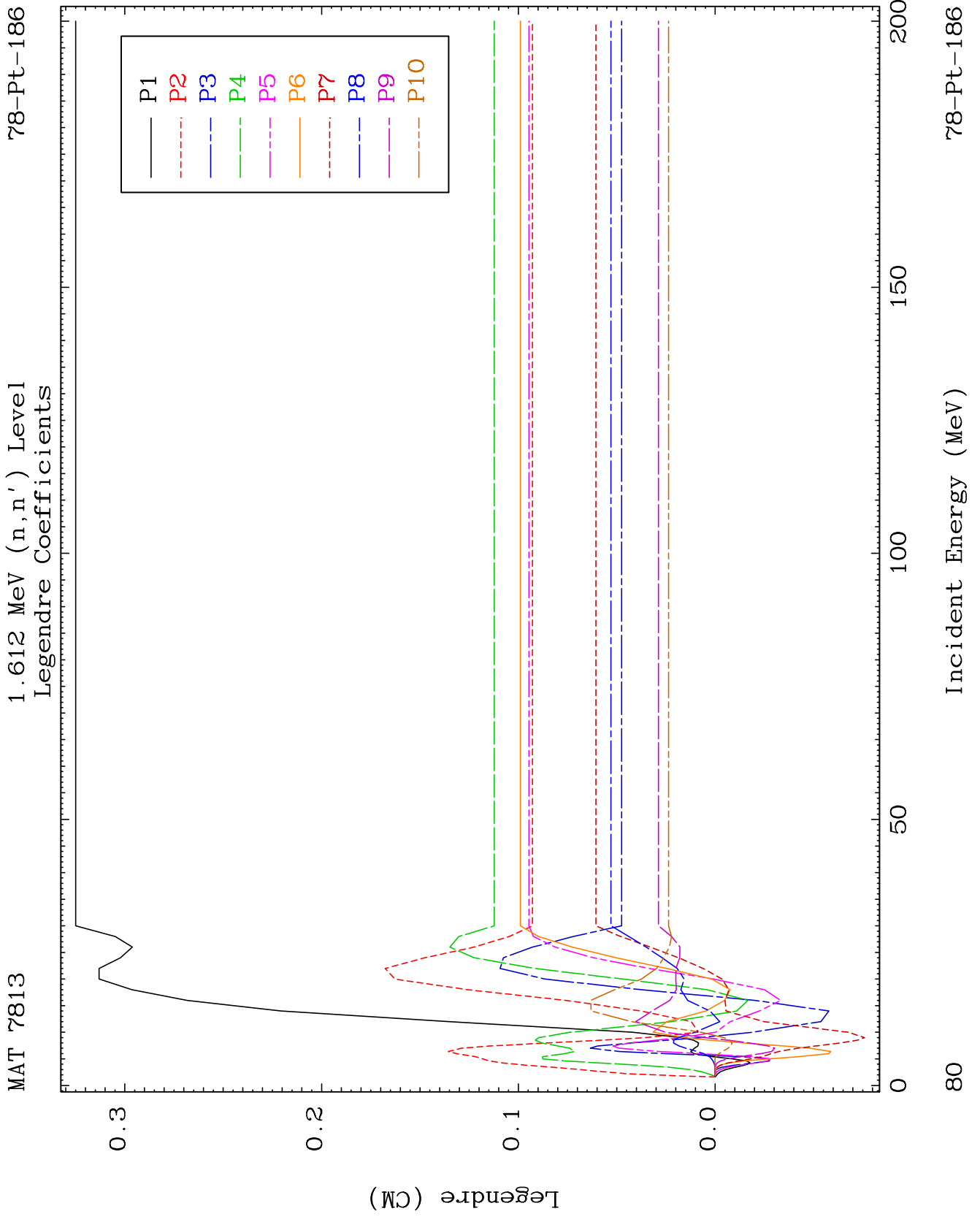


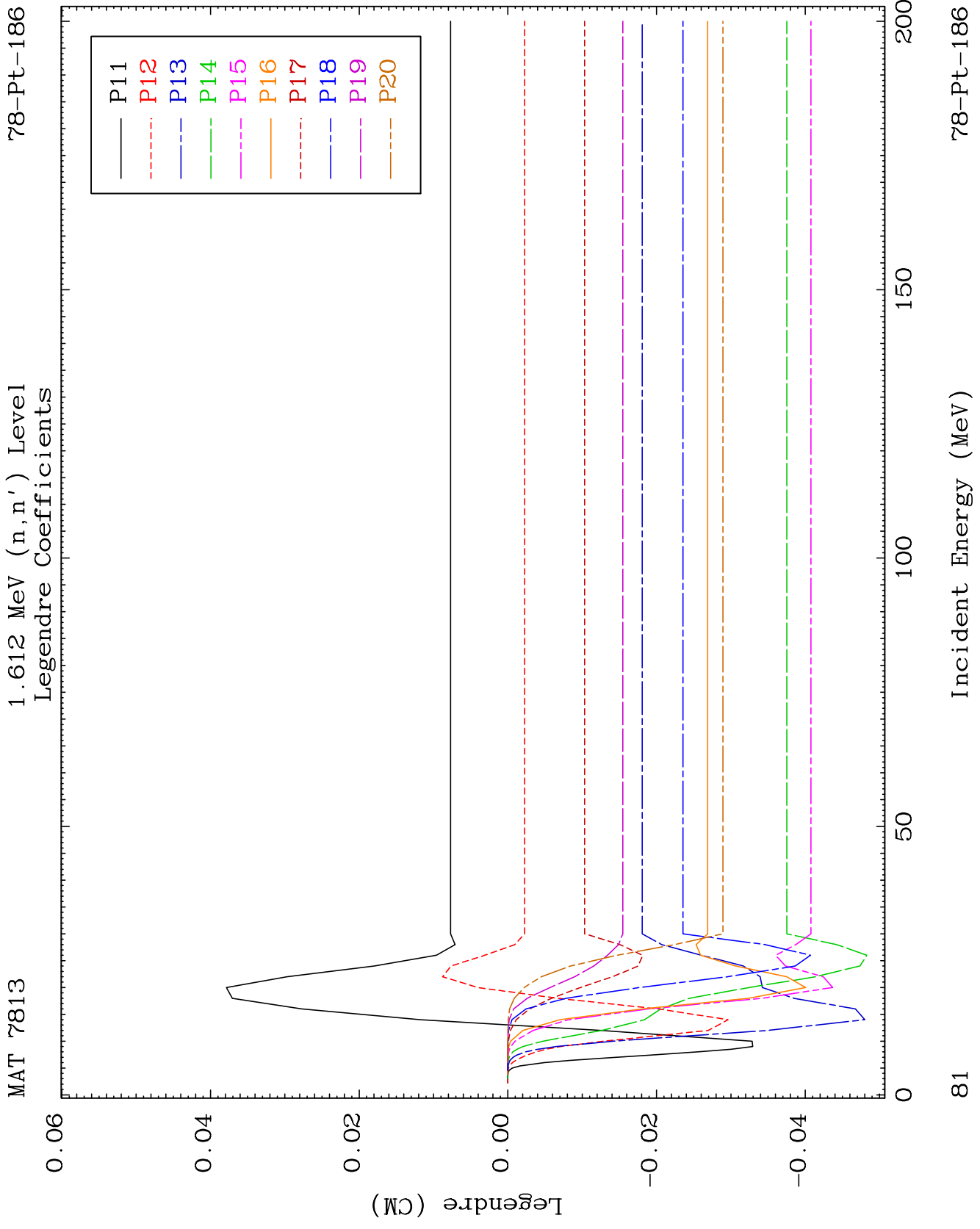
77

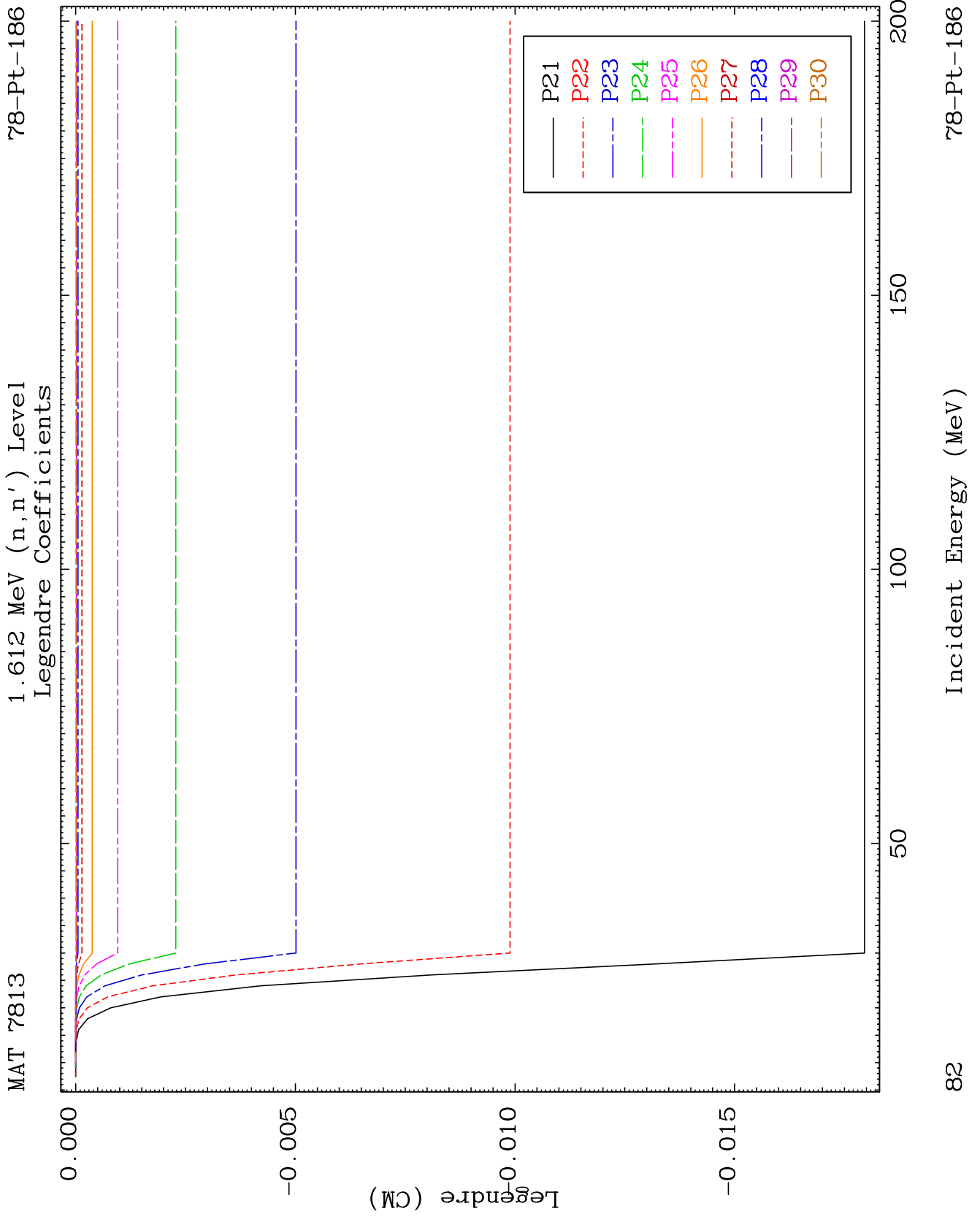
Incident Energy (MeV)

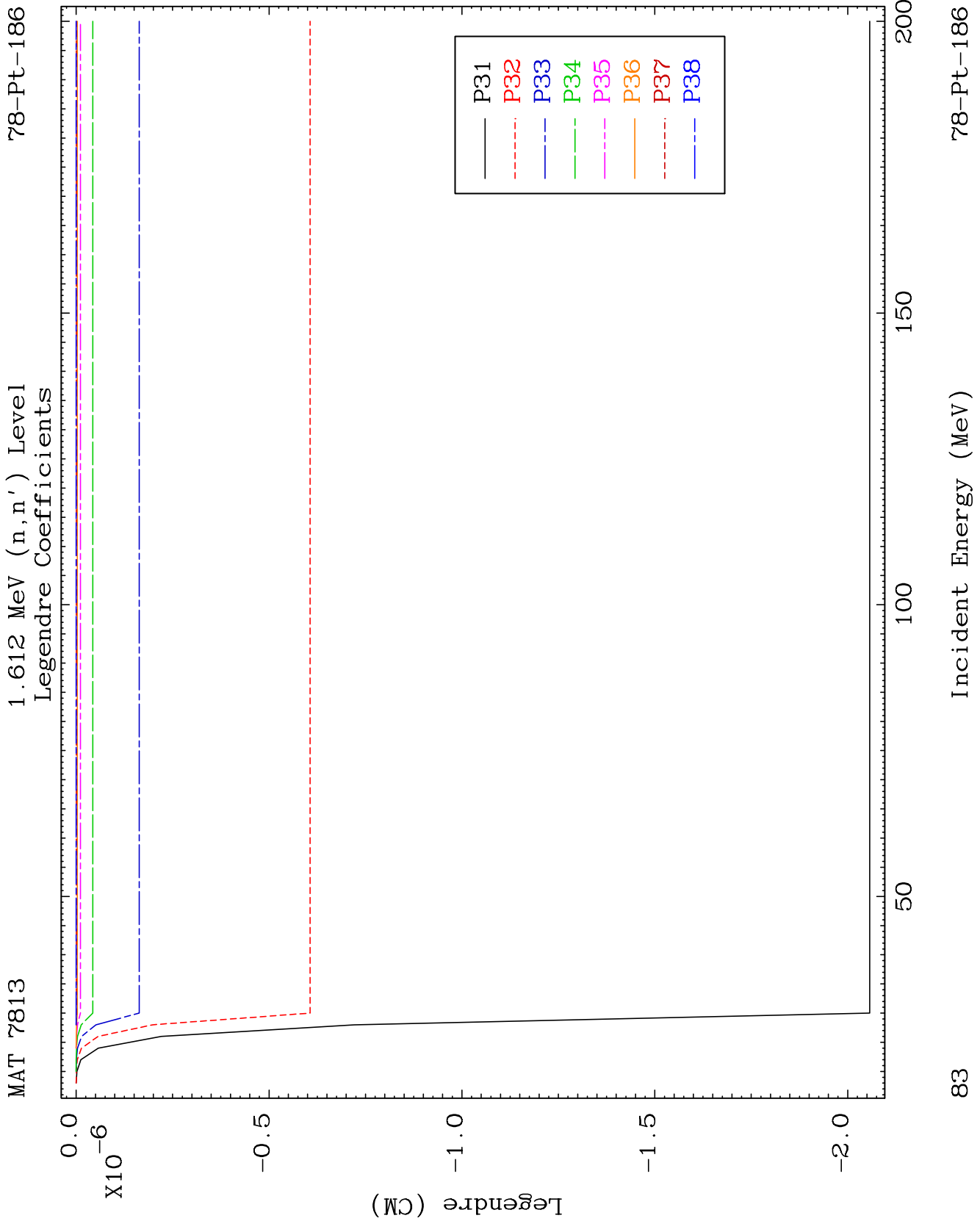
78-Pt-186







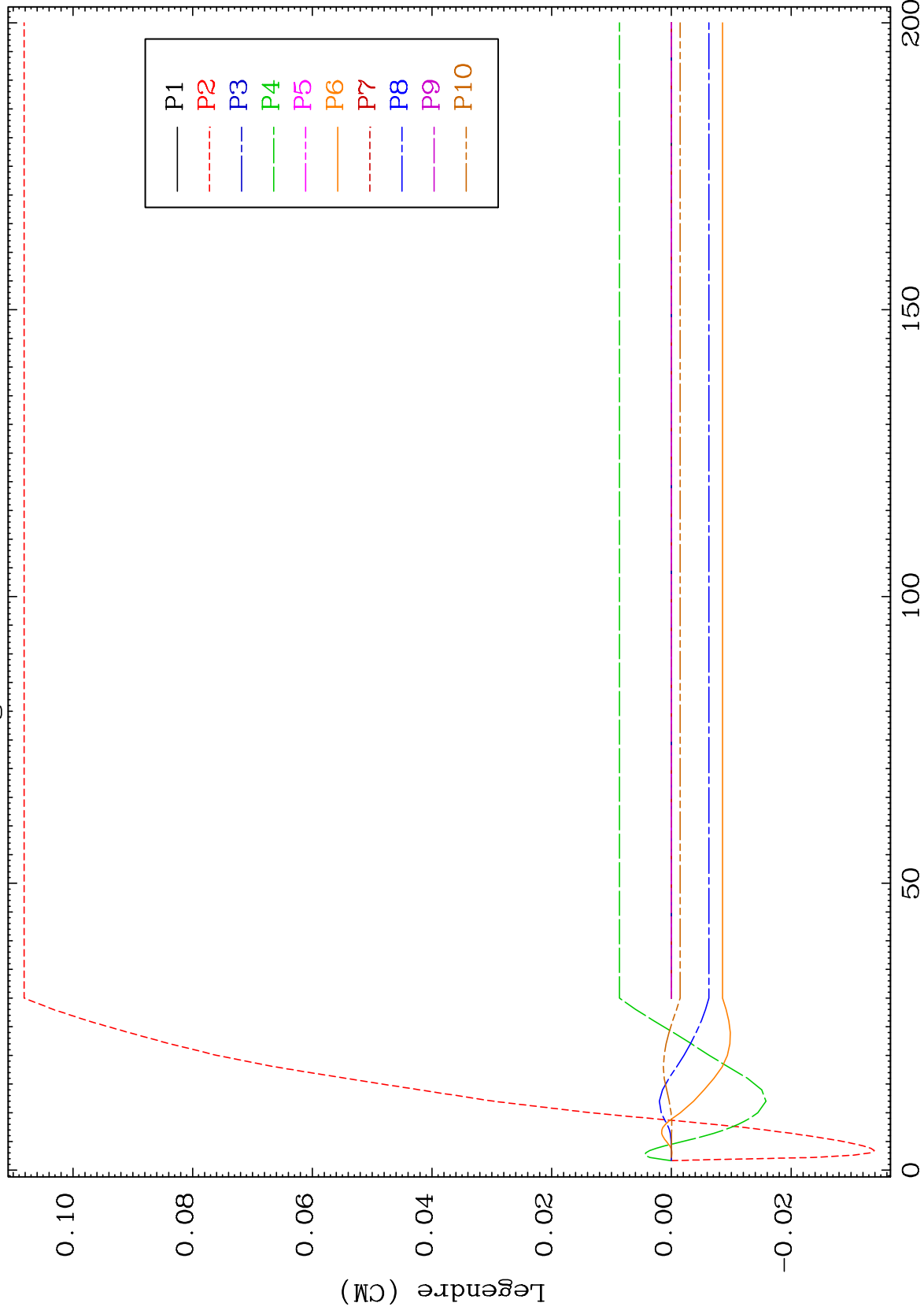




MAT 7813

1.633 MeV (n,n') Level
Legendre Coefficients

78-Pt-186



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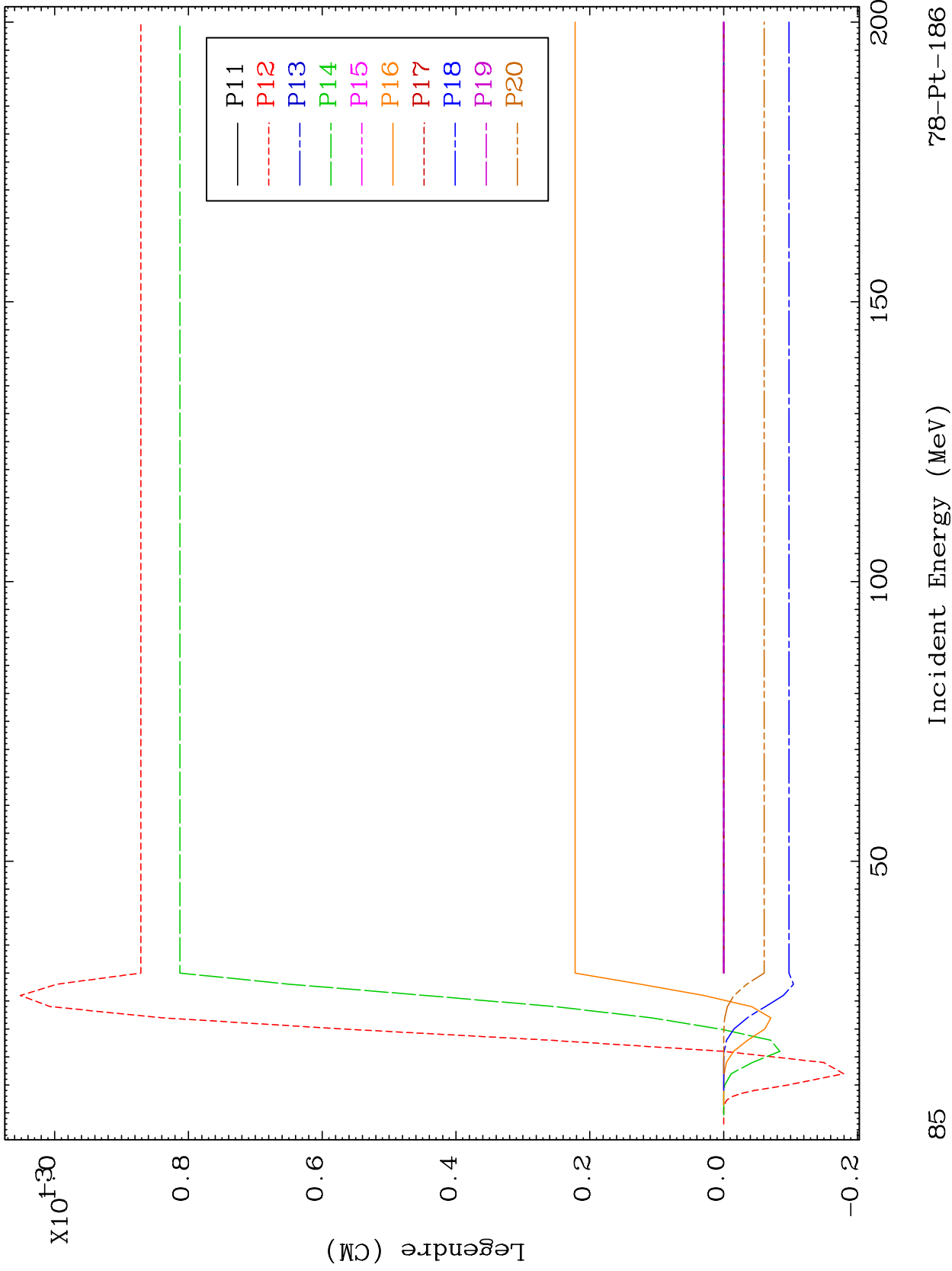
Incident Energy (MeV)

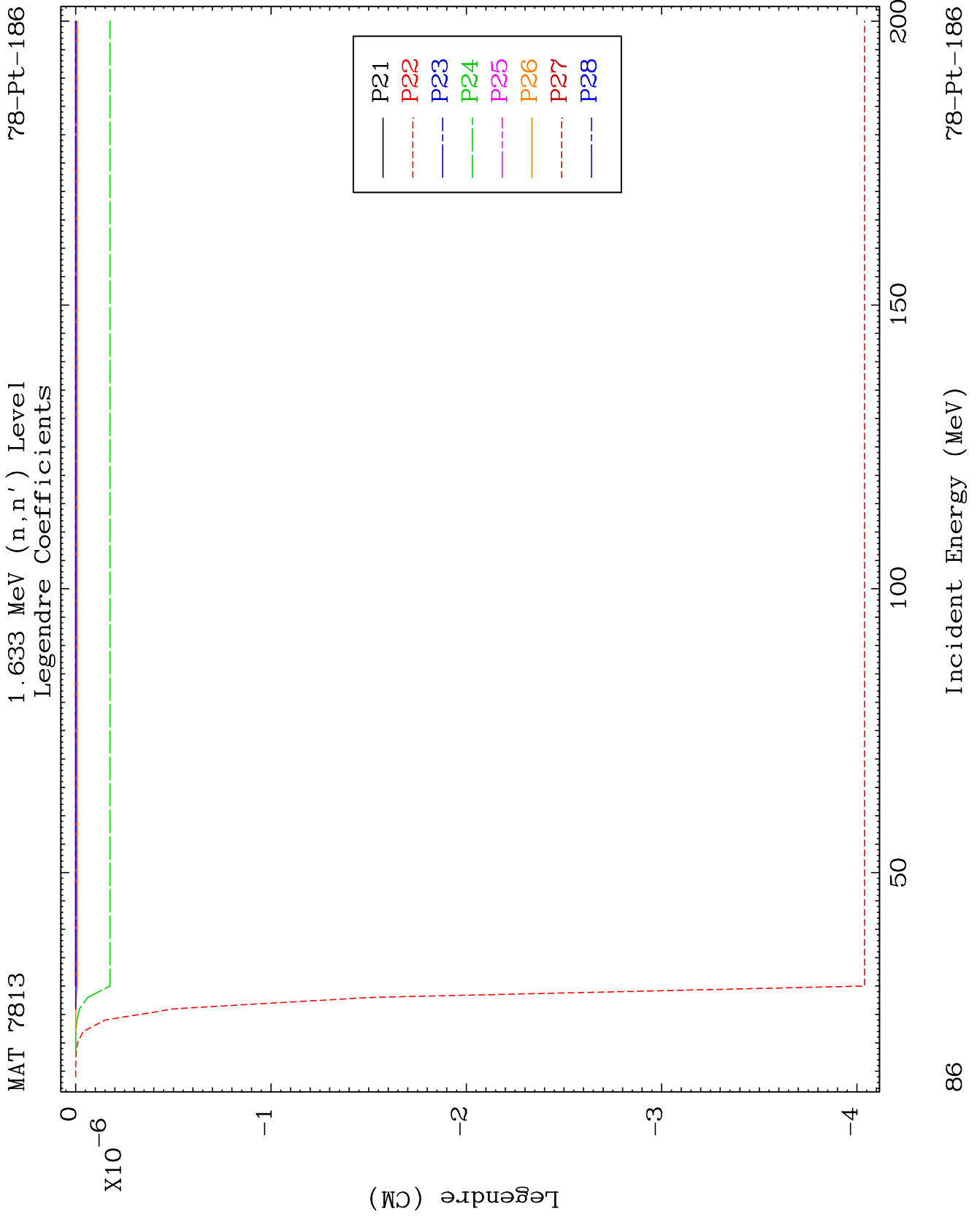
78-Pt-186

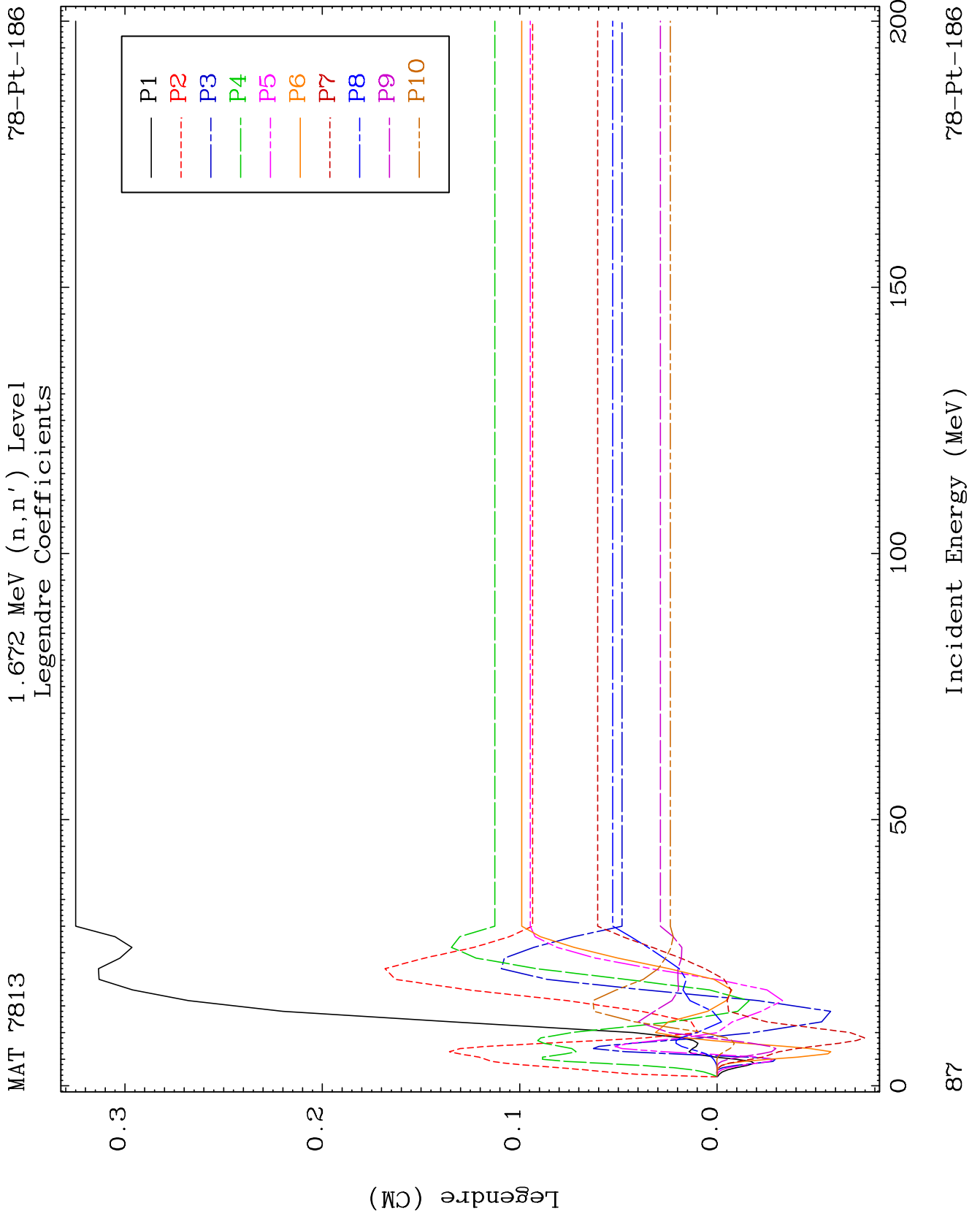
MAT 7813

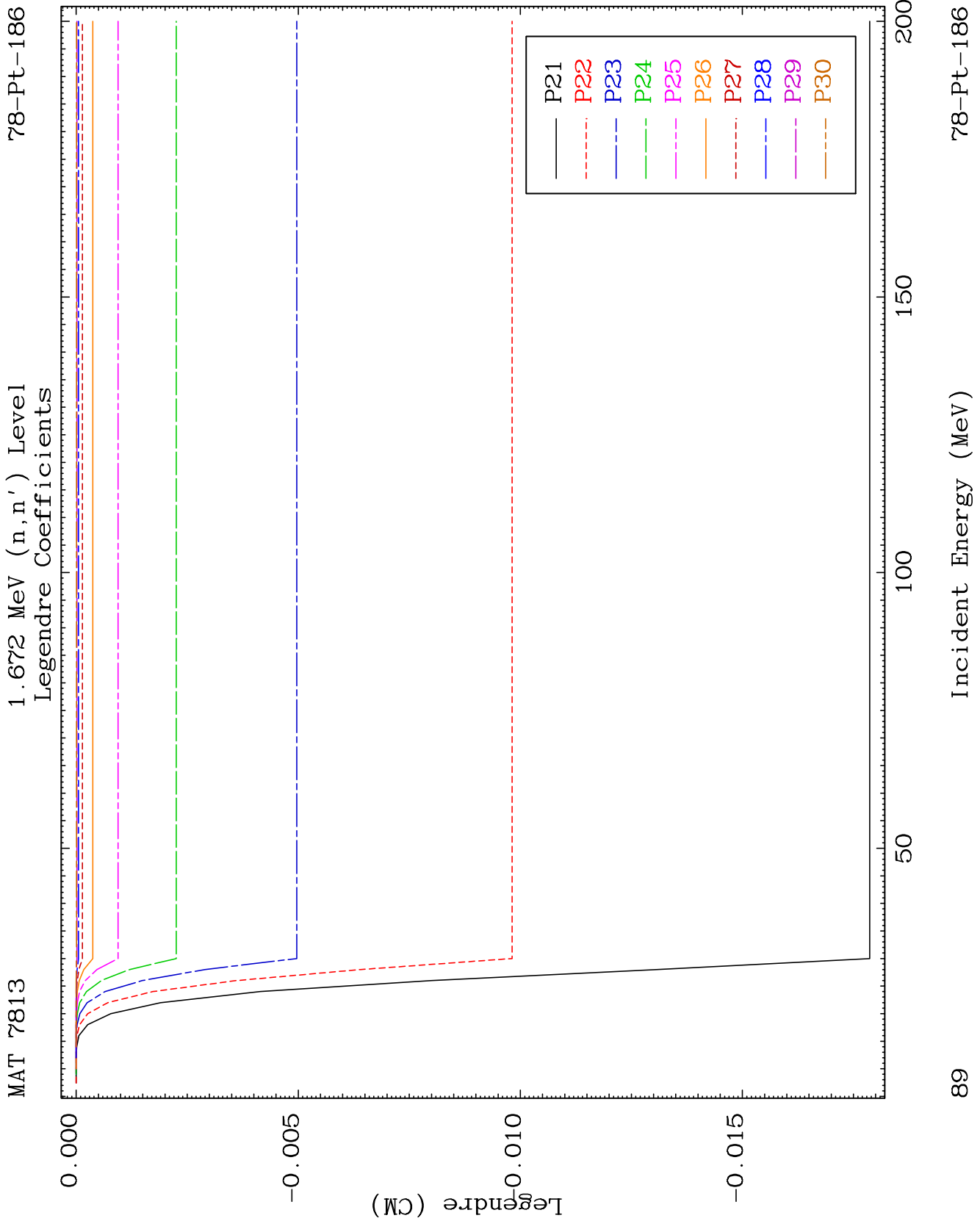
1.633 MeV (n,n') Level
Legendre Coefficients

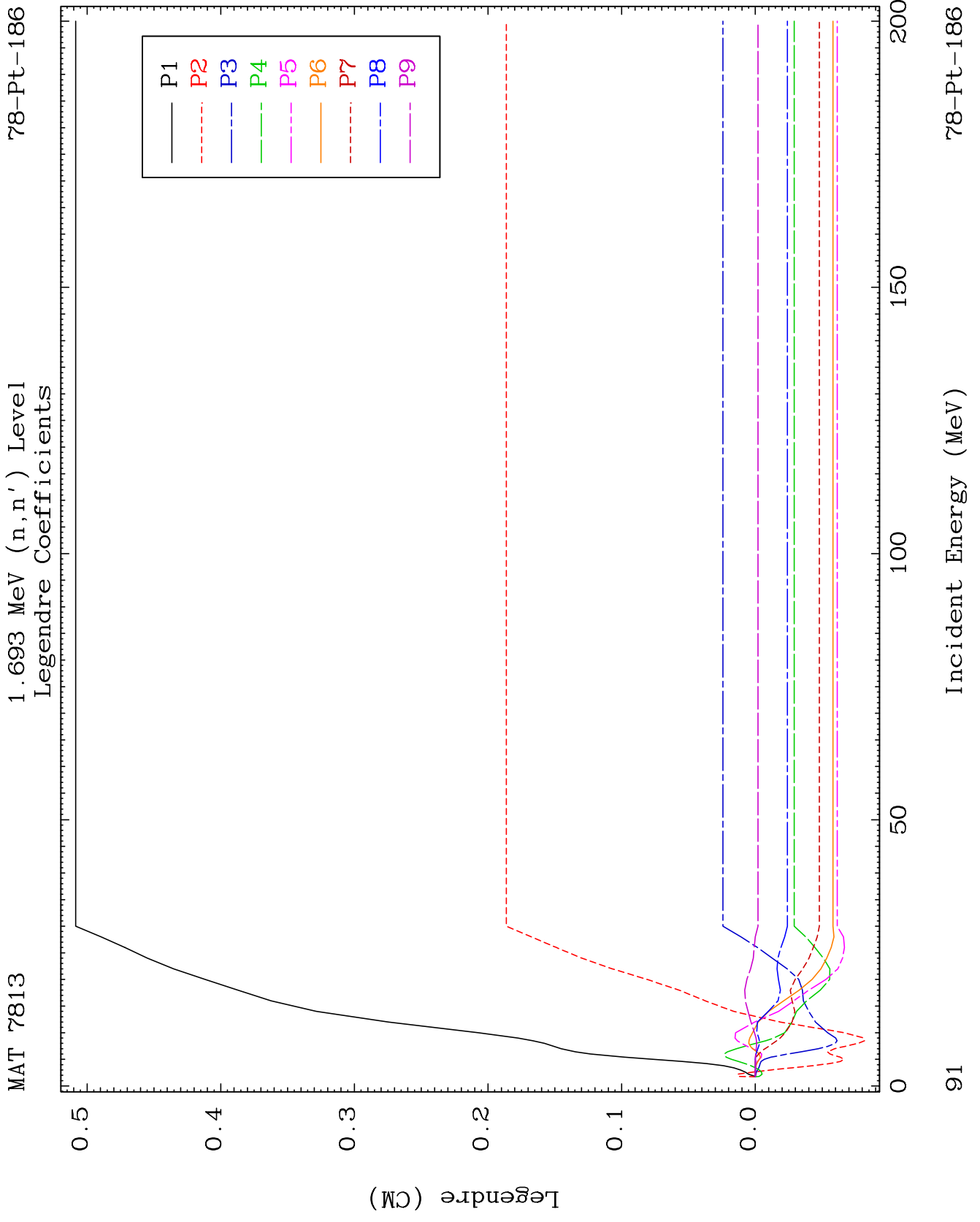
78-Pt-186







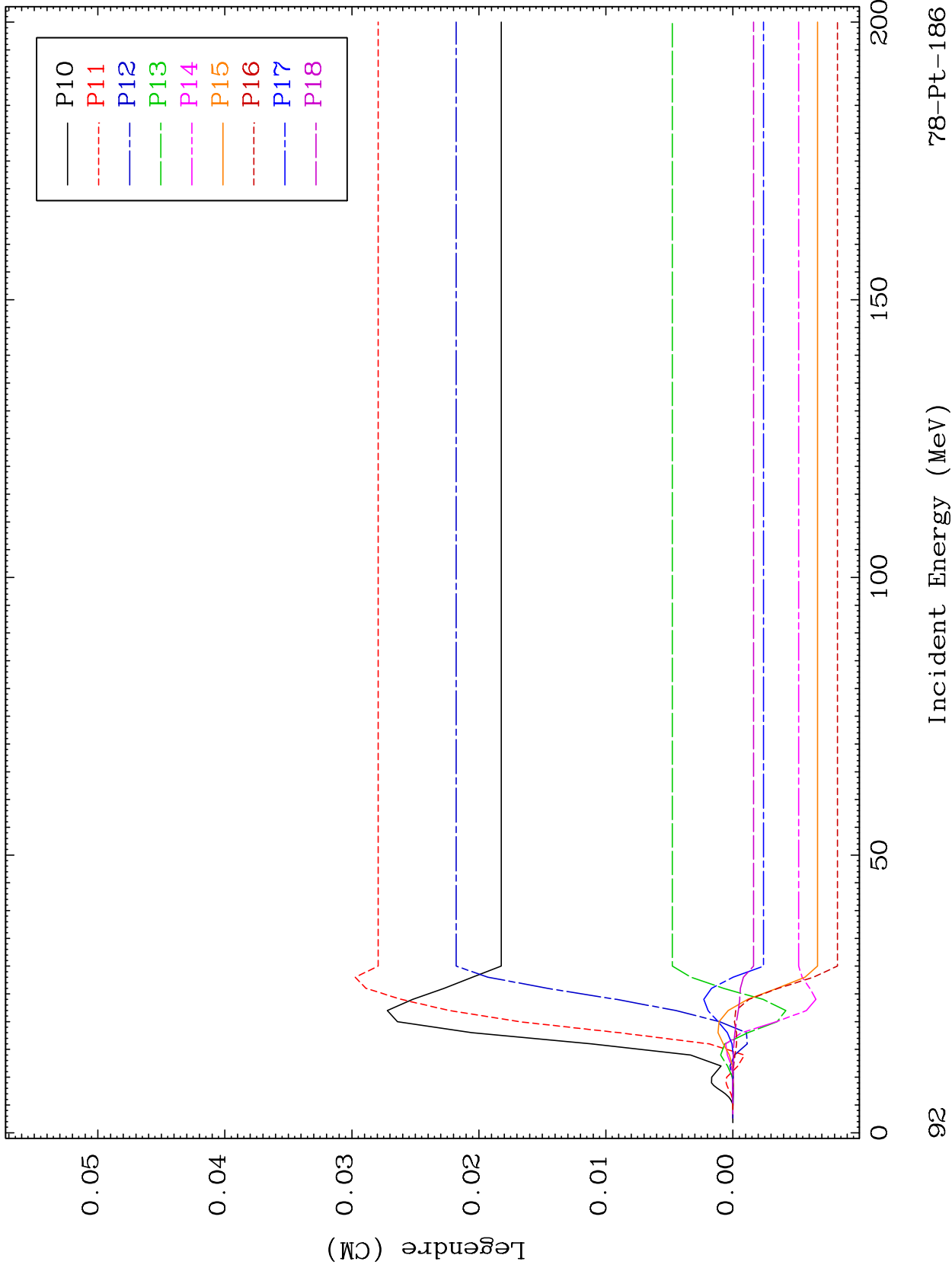




MAT 7813

1.693 MeV (n,n') Level
Legendre Coefficients

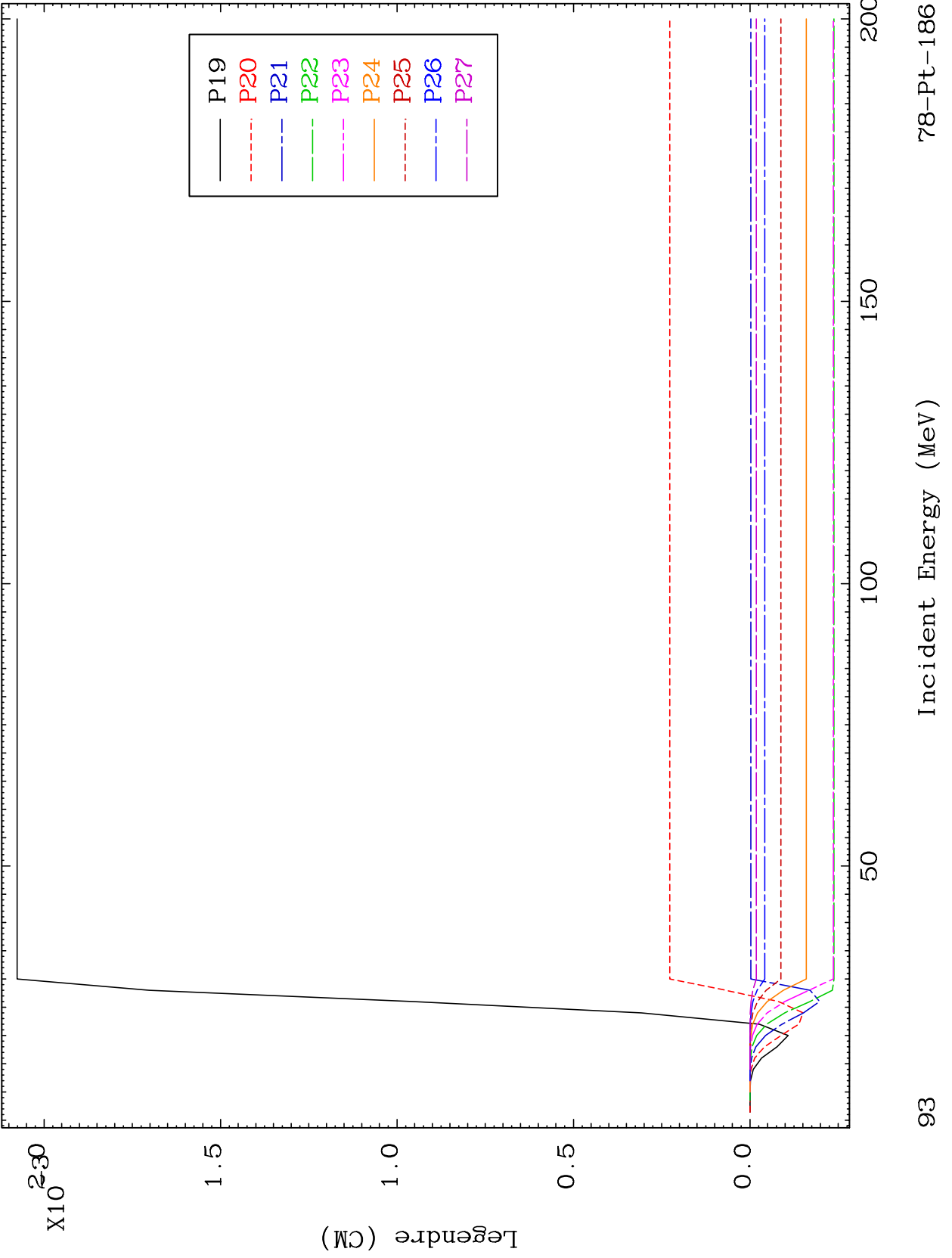
78-Pt-186

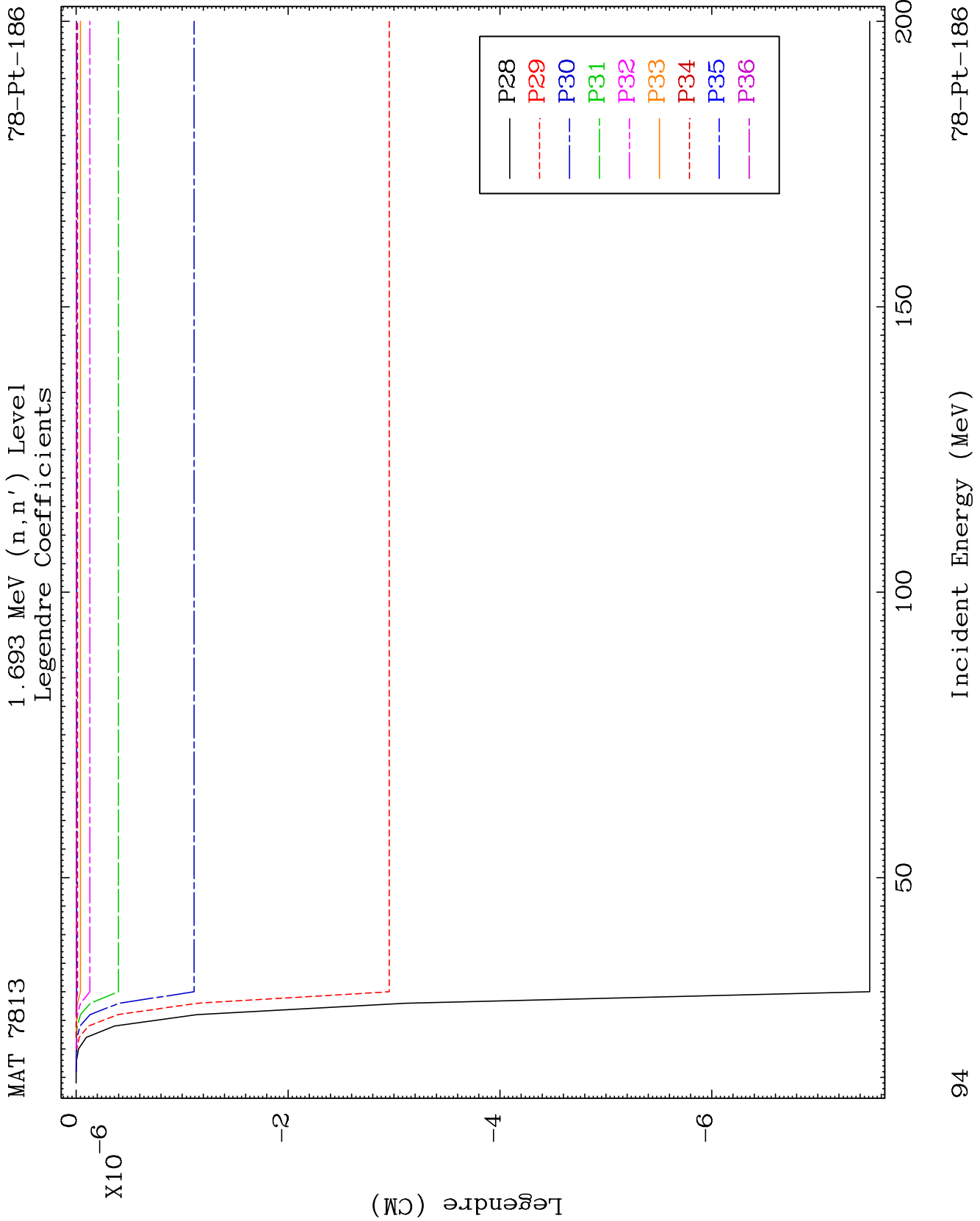


92

Incident Energy (MeV)

78-Pt-186

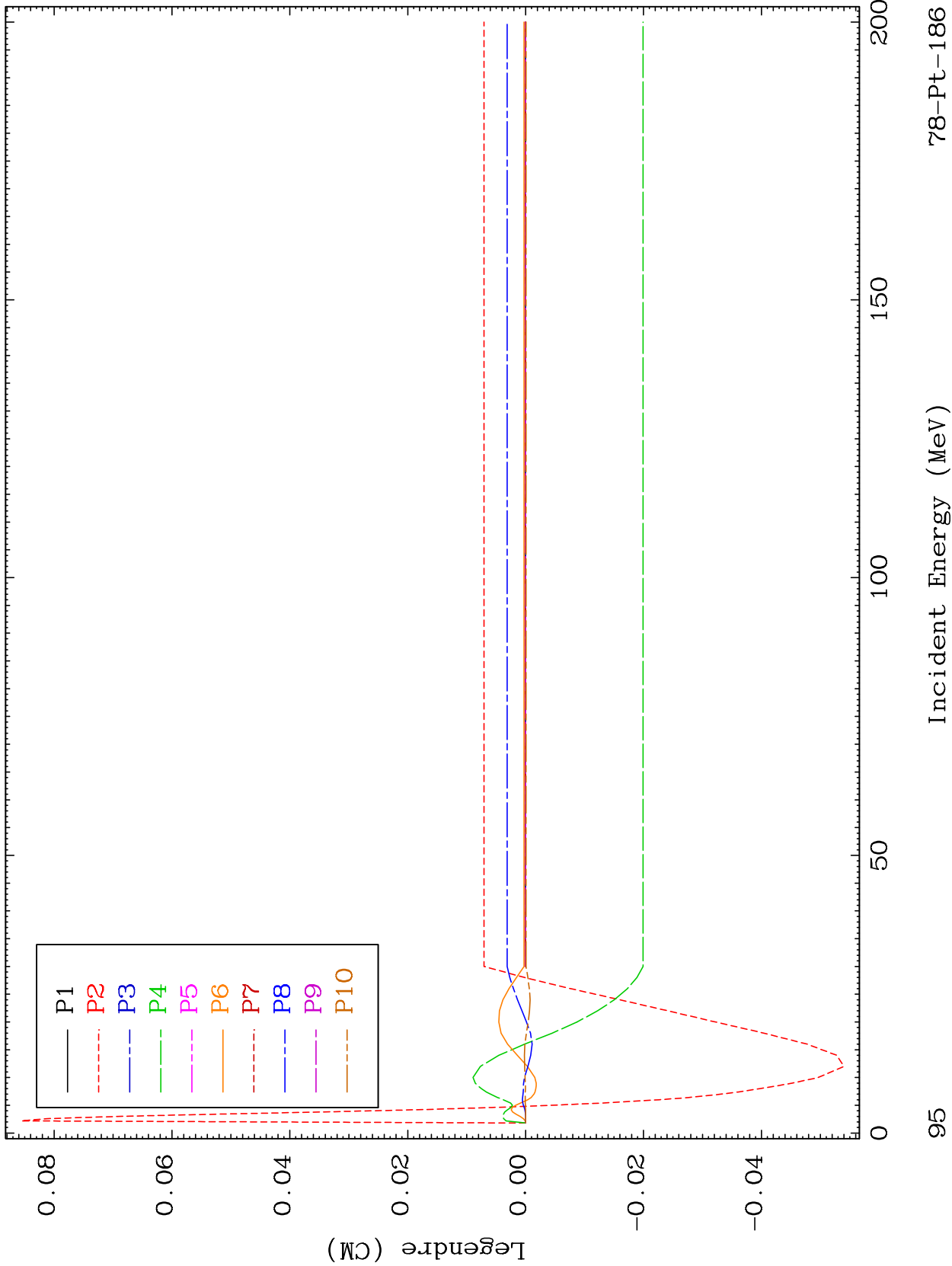




MAT 7813

1.801 MeV (n,n') Level
Legendre Coefficients

78-Pt-186



78-Pt-186

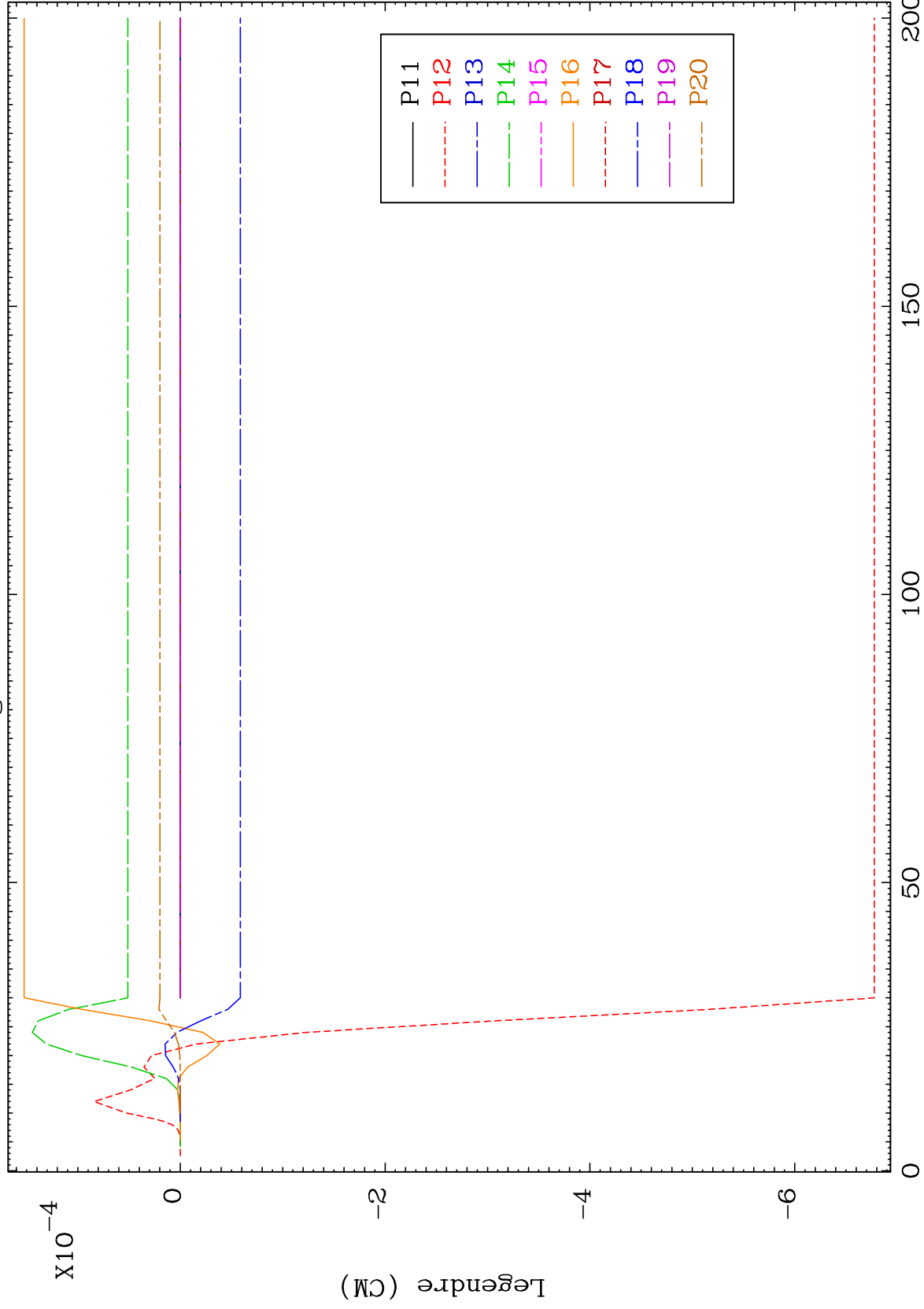
Incident Energy (MeV)

95

MAT 7813

1.801 MeV (n,n') Level
Legendre Coefficients

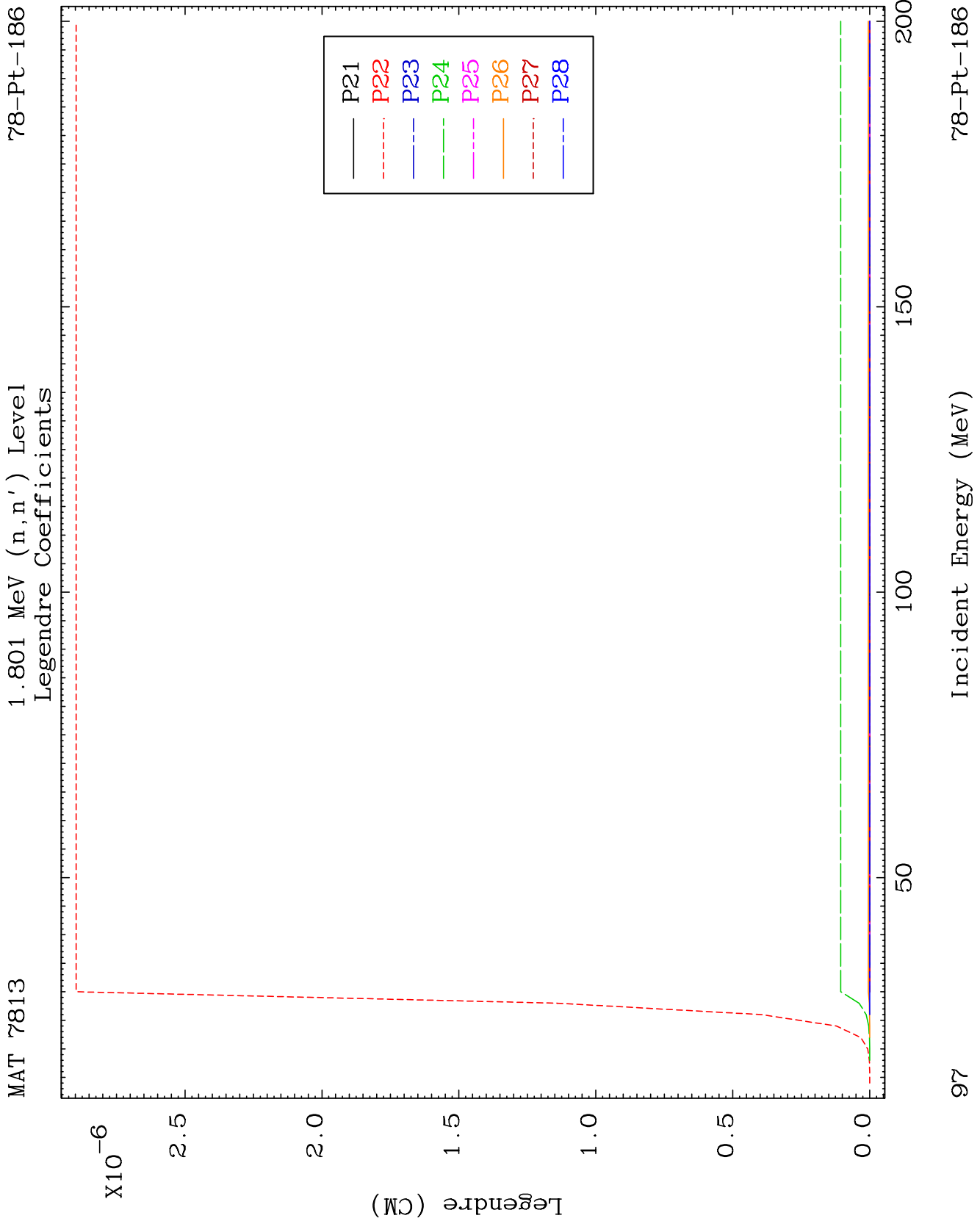
78-Pt-186

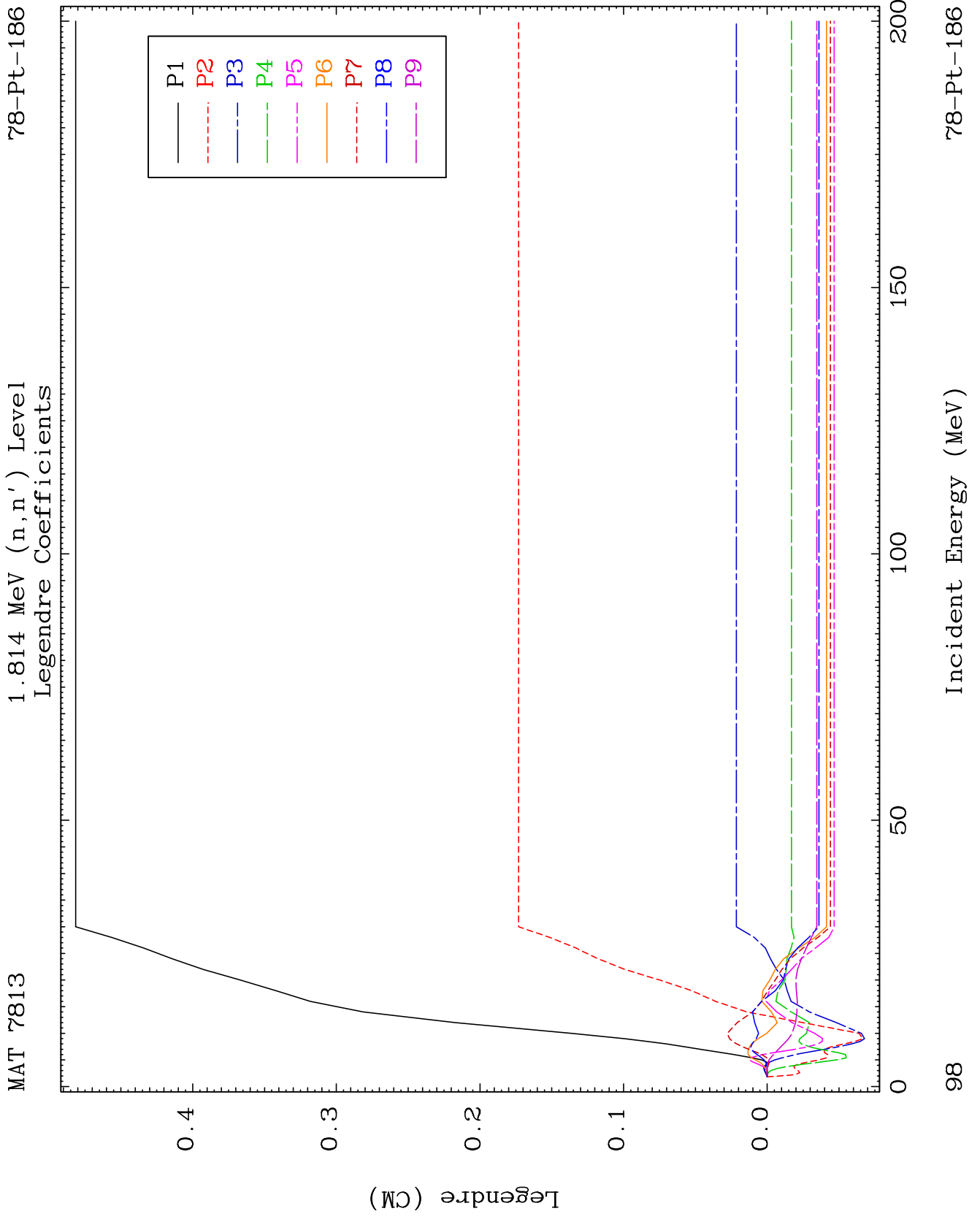


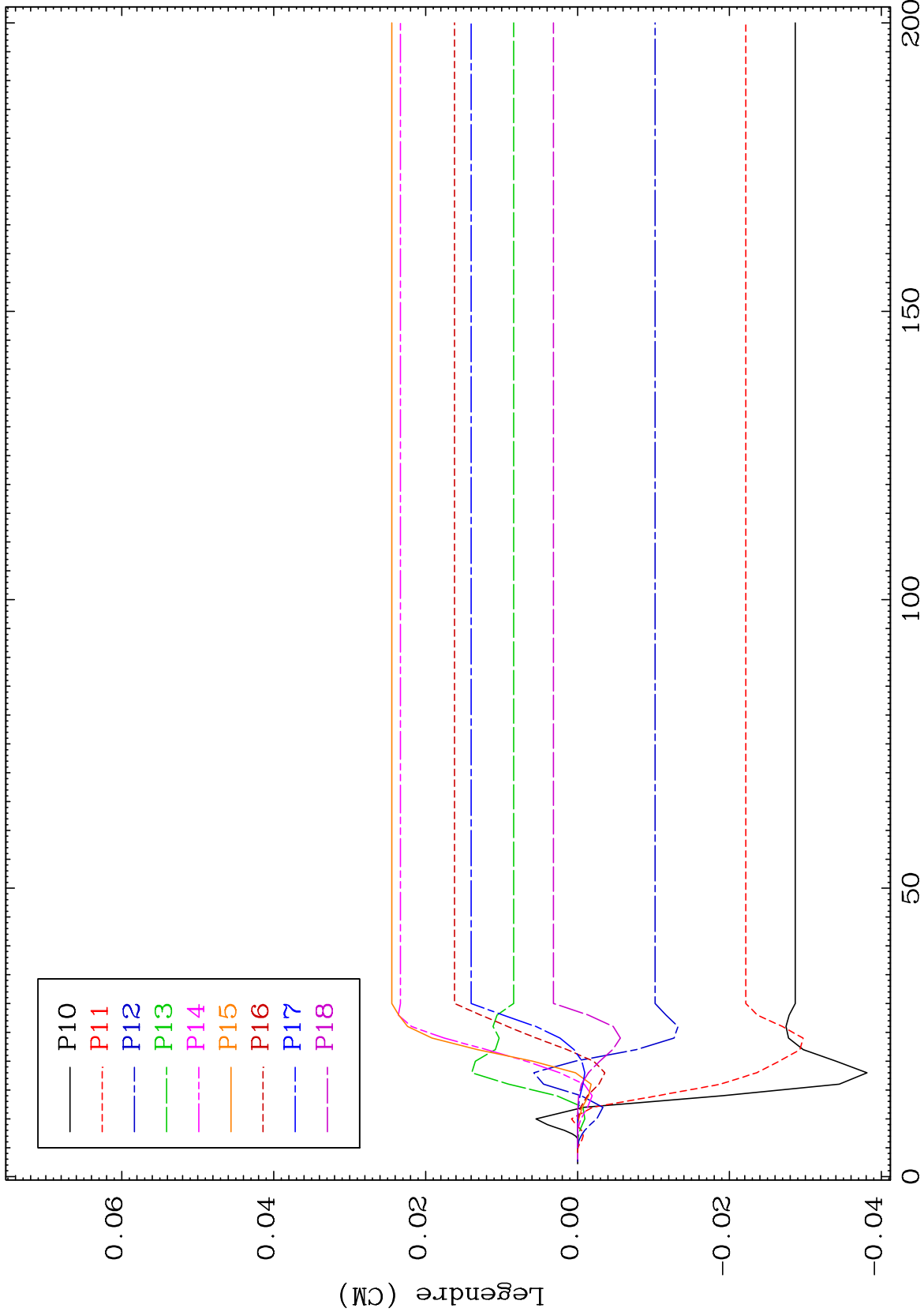
96

Incident Energy (MeV)

78-Pt-186



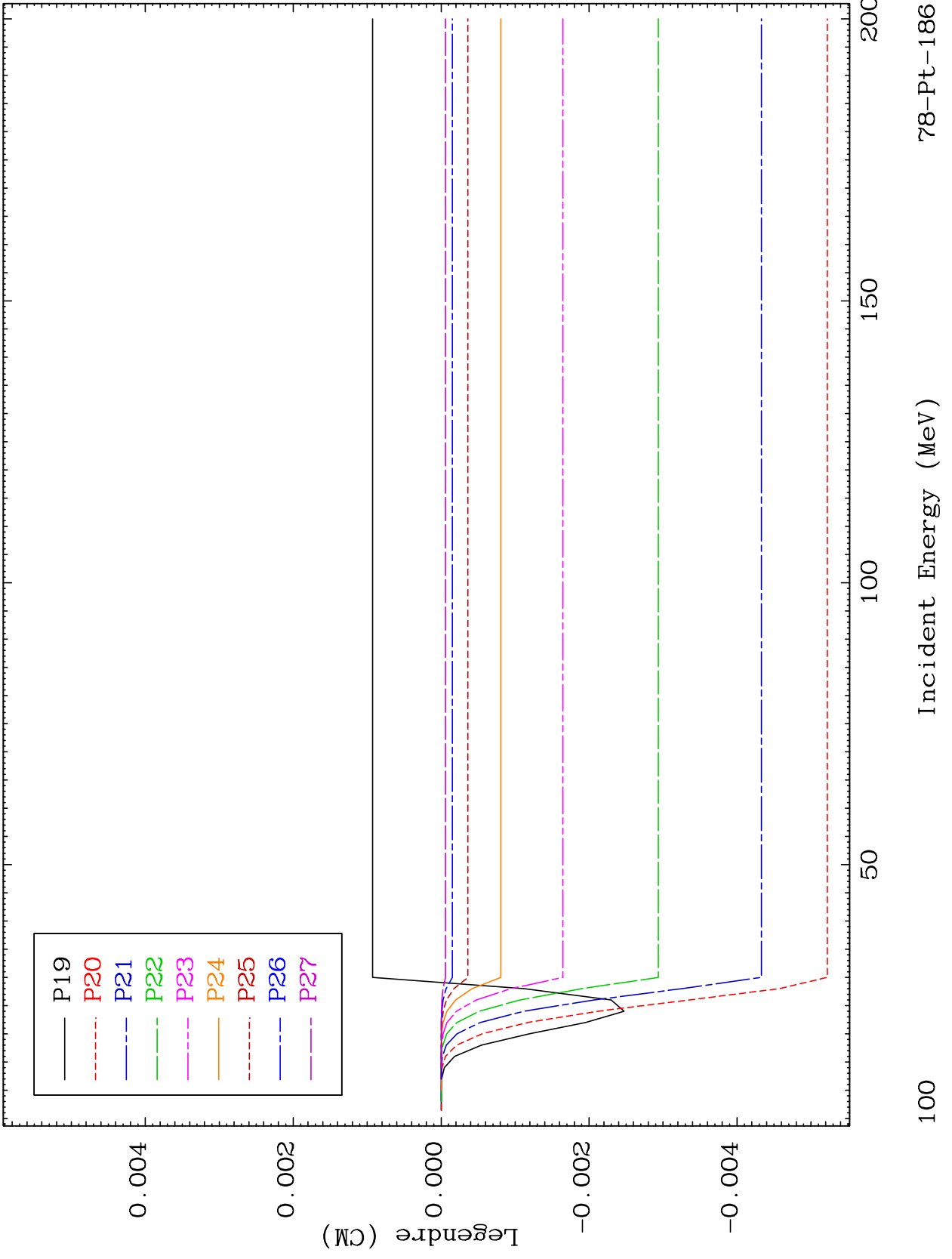




MAT 7813

1.814 MeV (n,n') Level
Legendre Coefficients

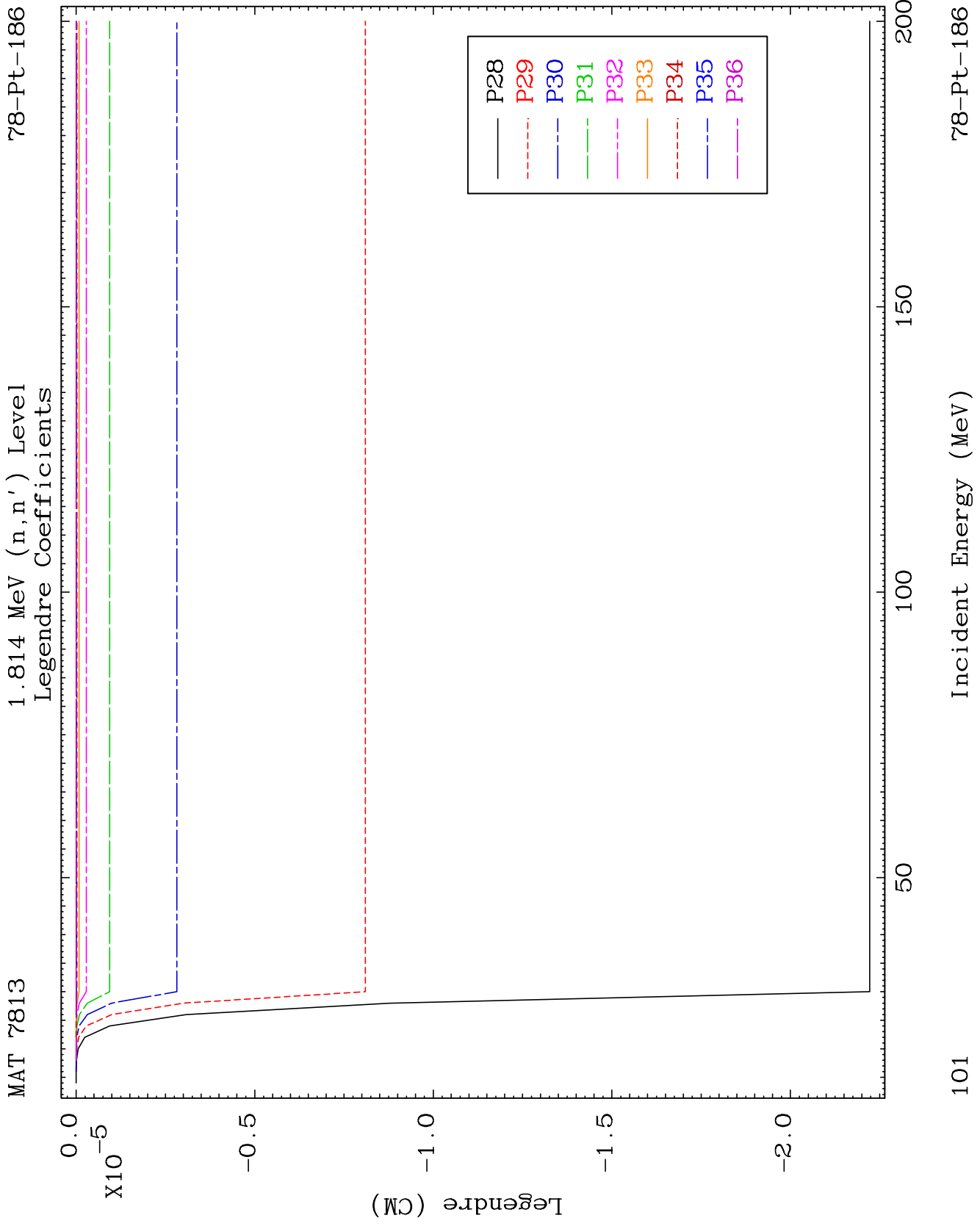
78-Pt-186

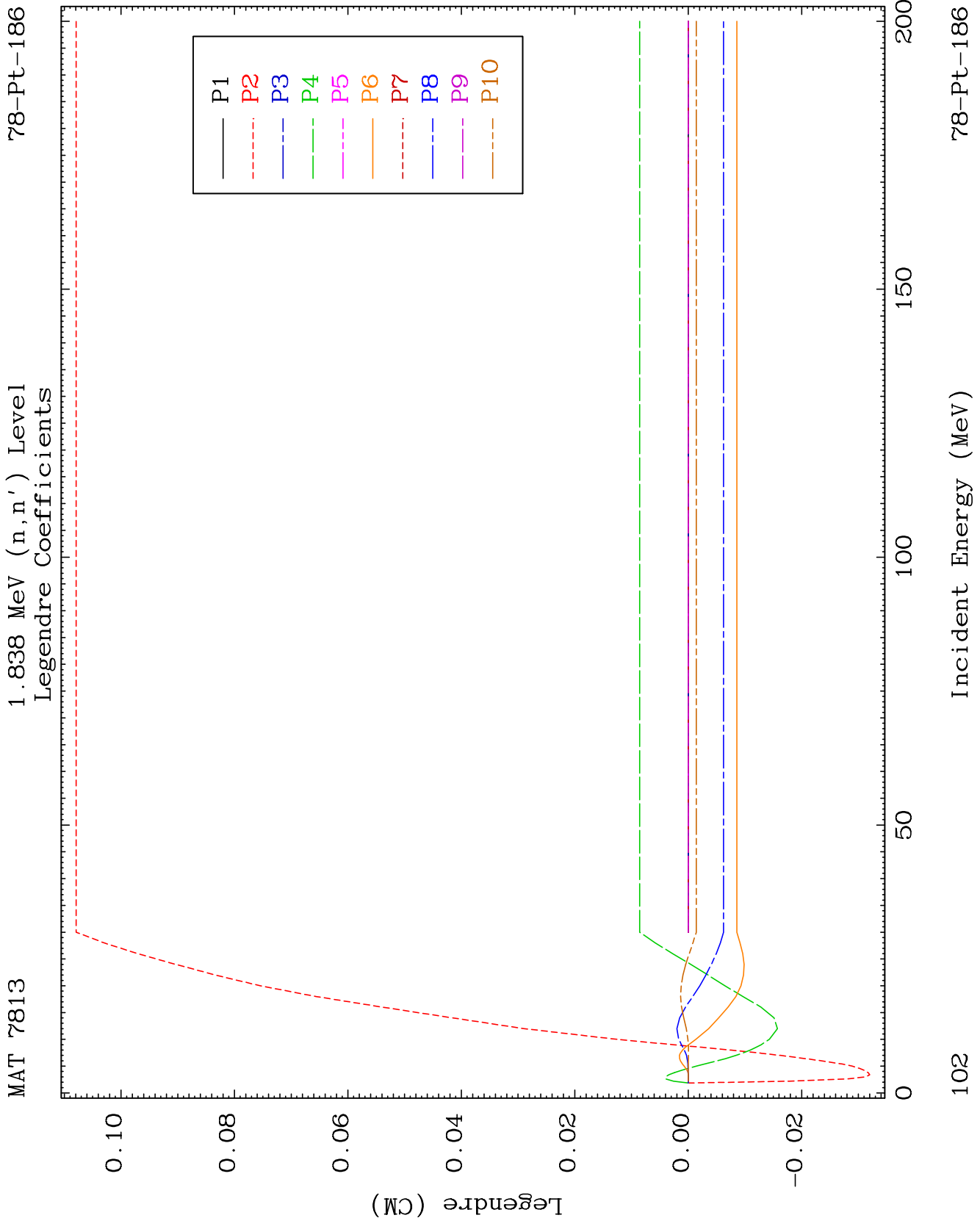


100

Incident Energy (MeV)

78-Pt-186

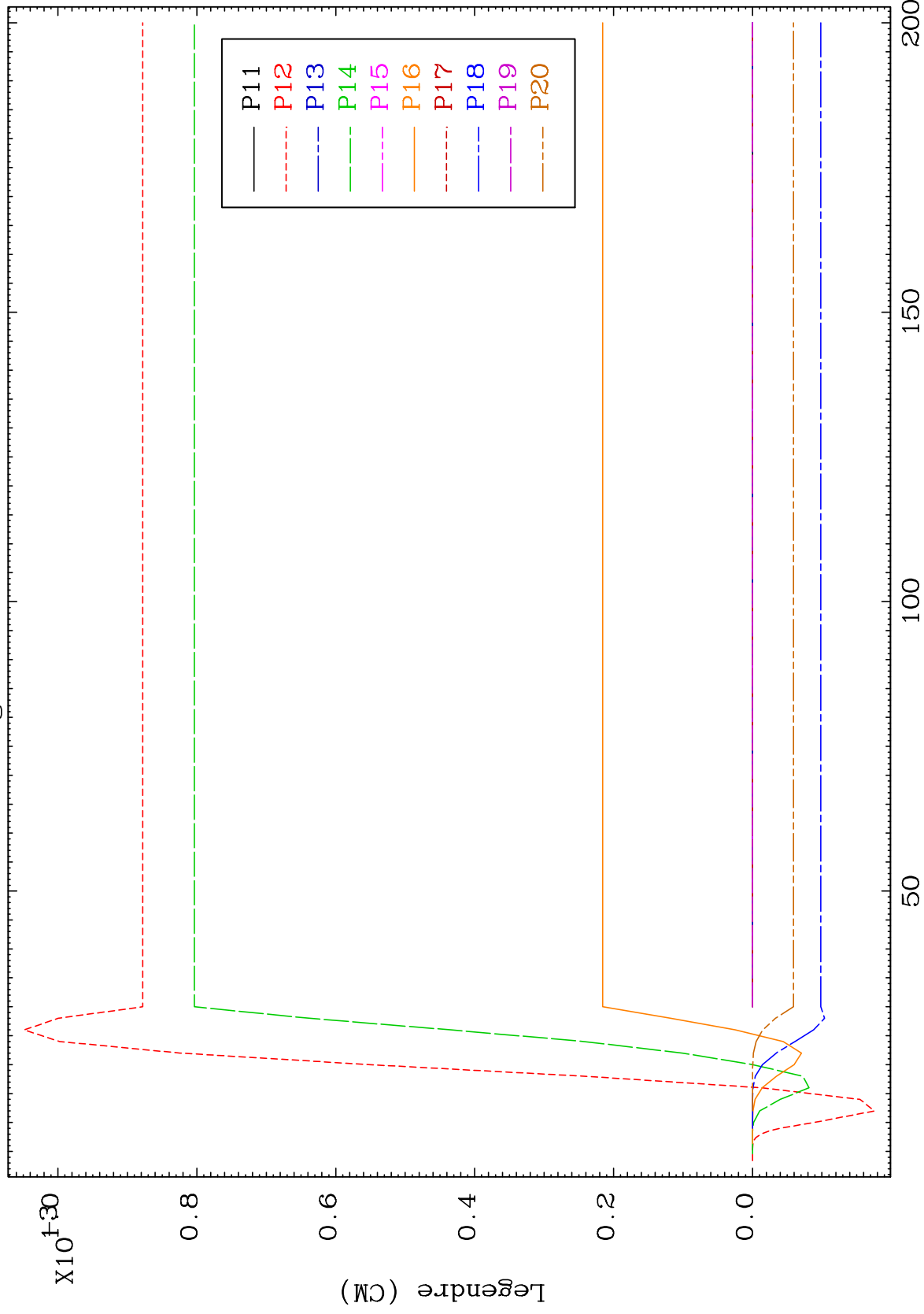




MAT 7813

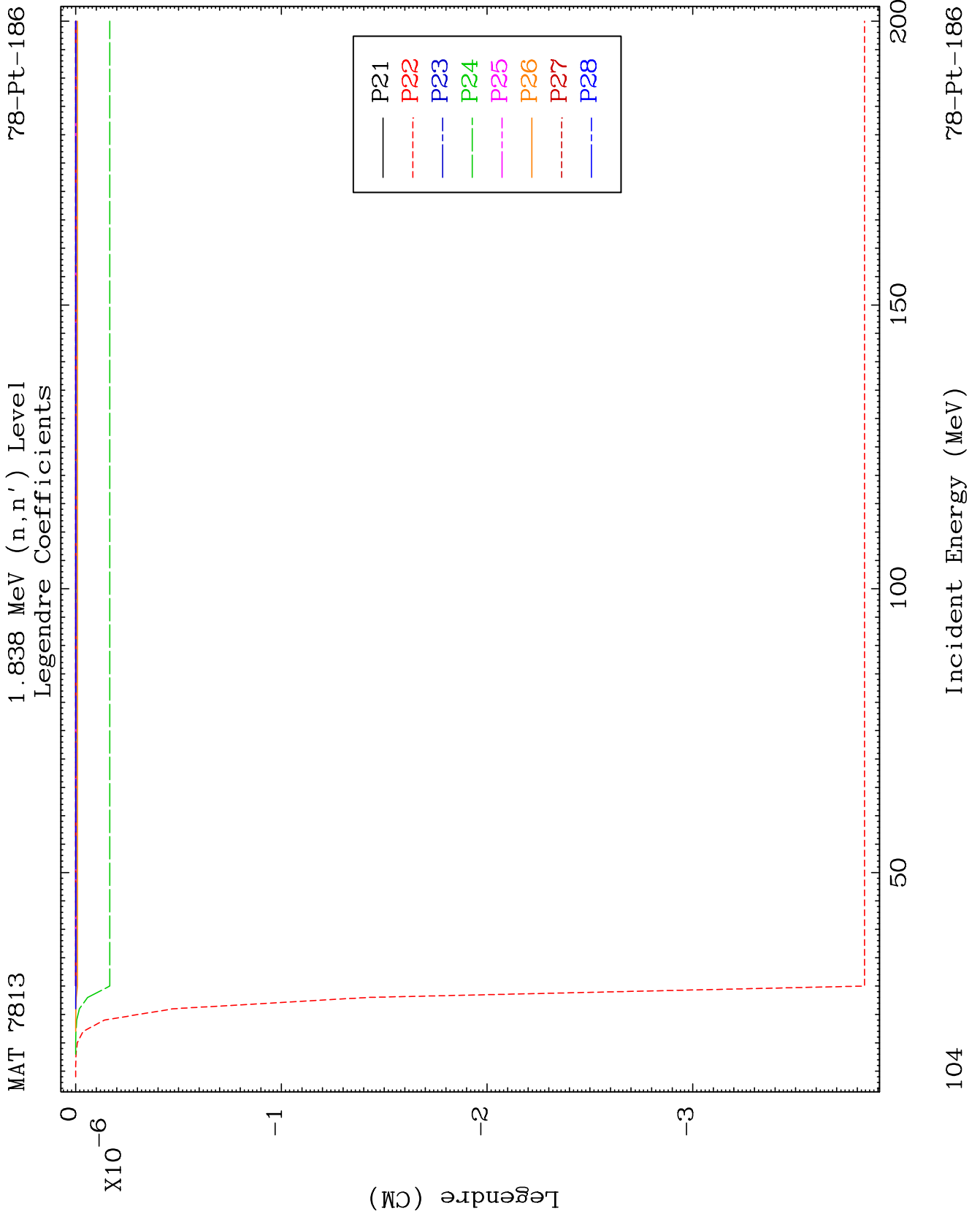
1.838 MeV (n,n') Level
Legendre Coefficients

78-Pt-186



103

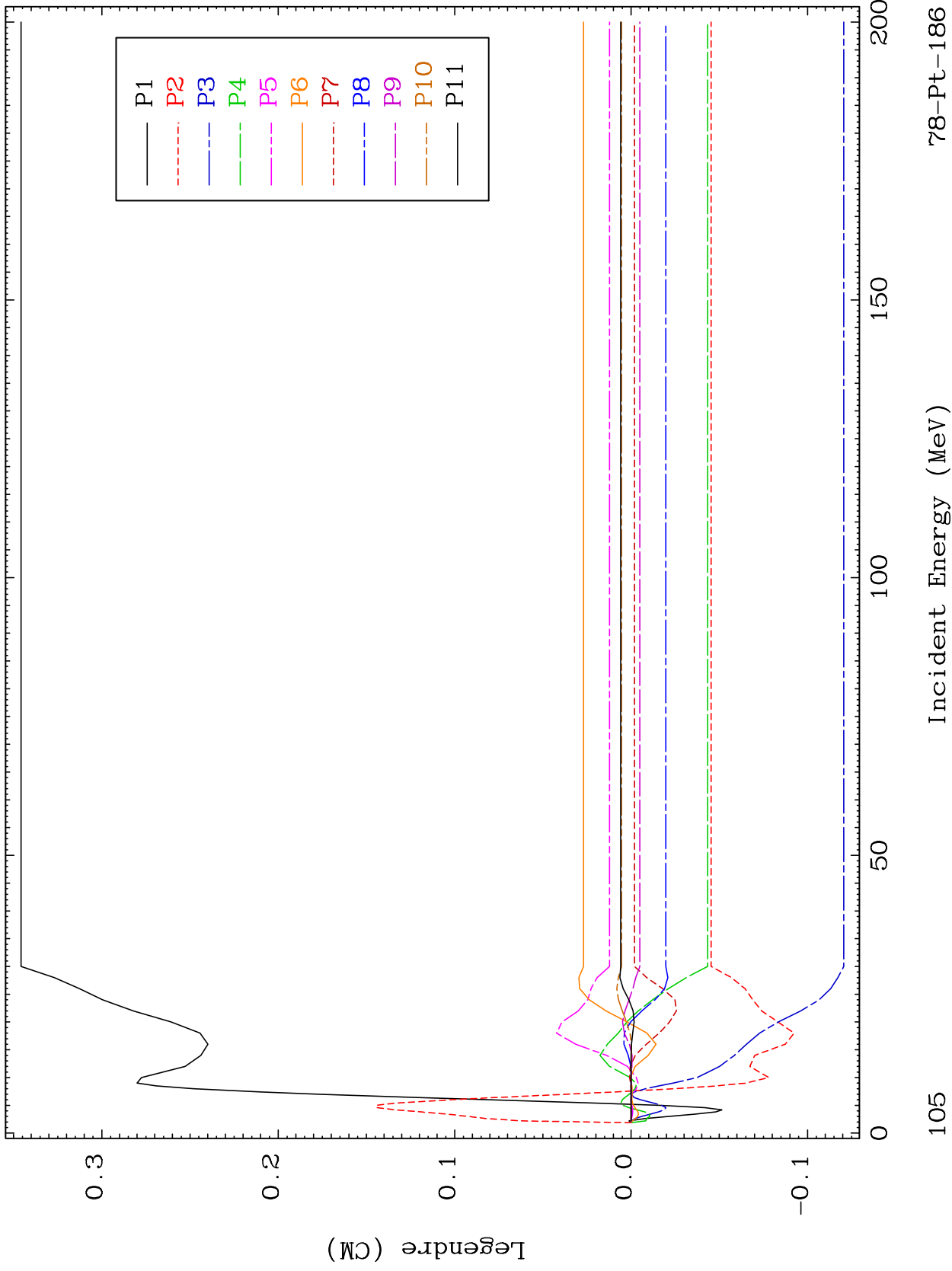
78-Pt-186



MAT 7813

1.858 MeV (n,n') Level
Legendre Coefficients

78-Pt-186



78-Pt-186

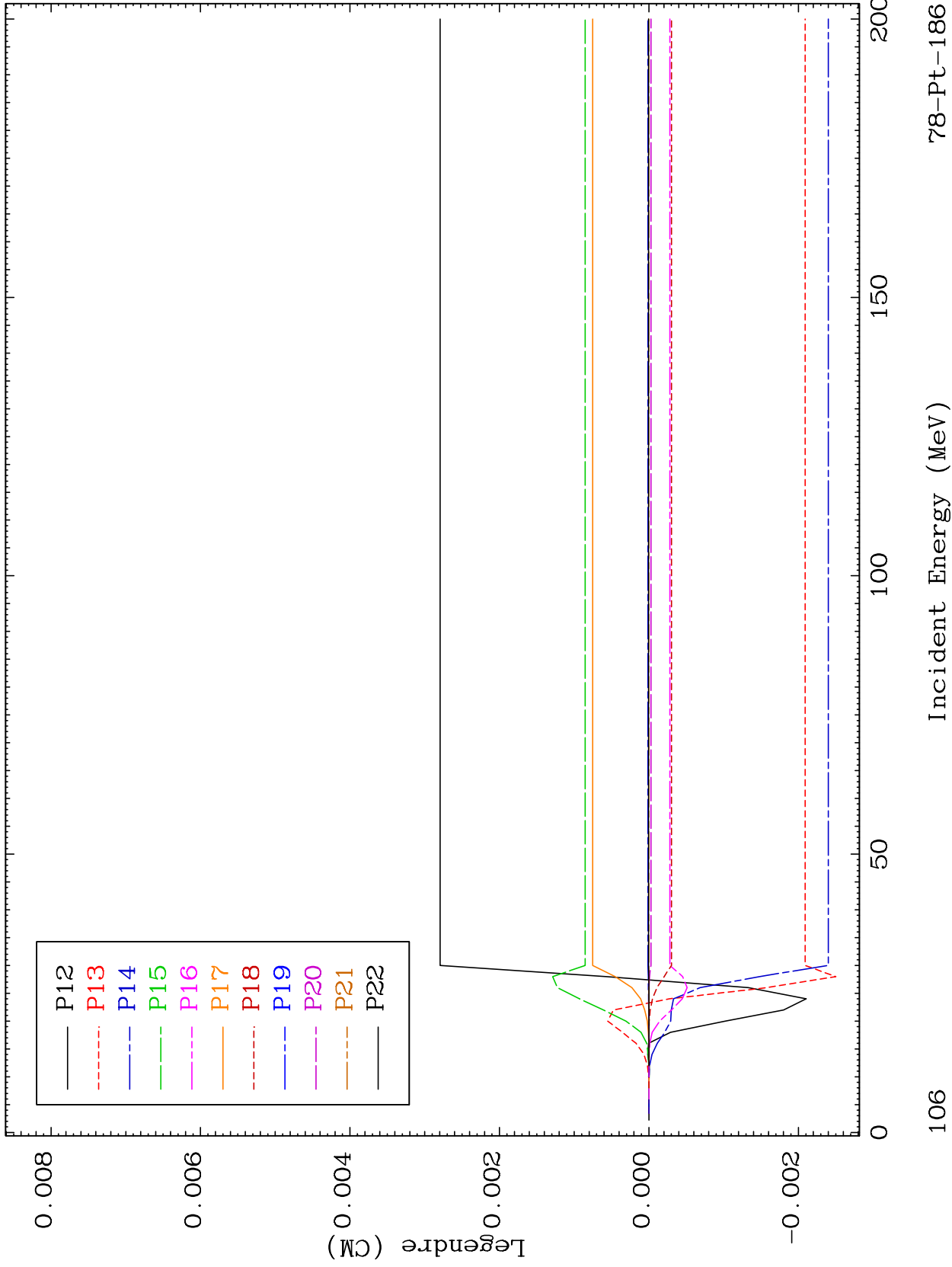
Incident Energy (MeV)

105

MAT 7813

1.858 MeV (n,n') Level
Legendre Coefficients

78-Pt-186



106

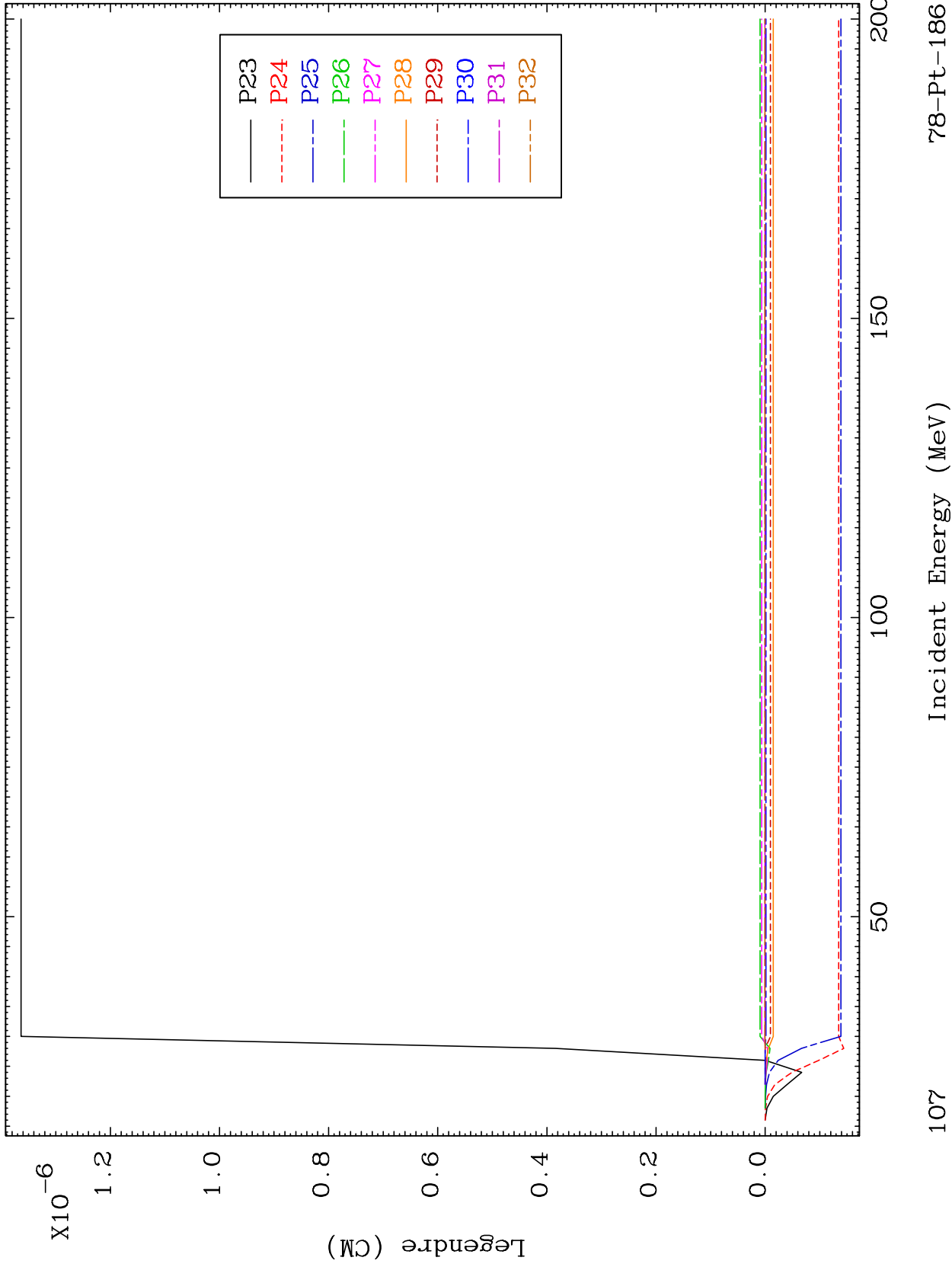
Incident Energy (MeV)

78-Pt-186

MAT 7813

1.858 MeV (n,n') Level
Legendre Coefficients

78-Pt-186

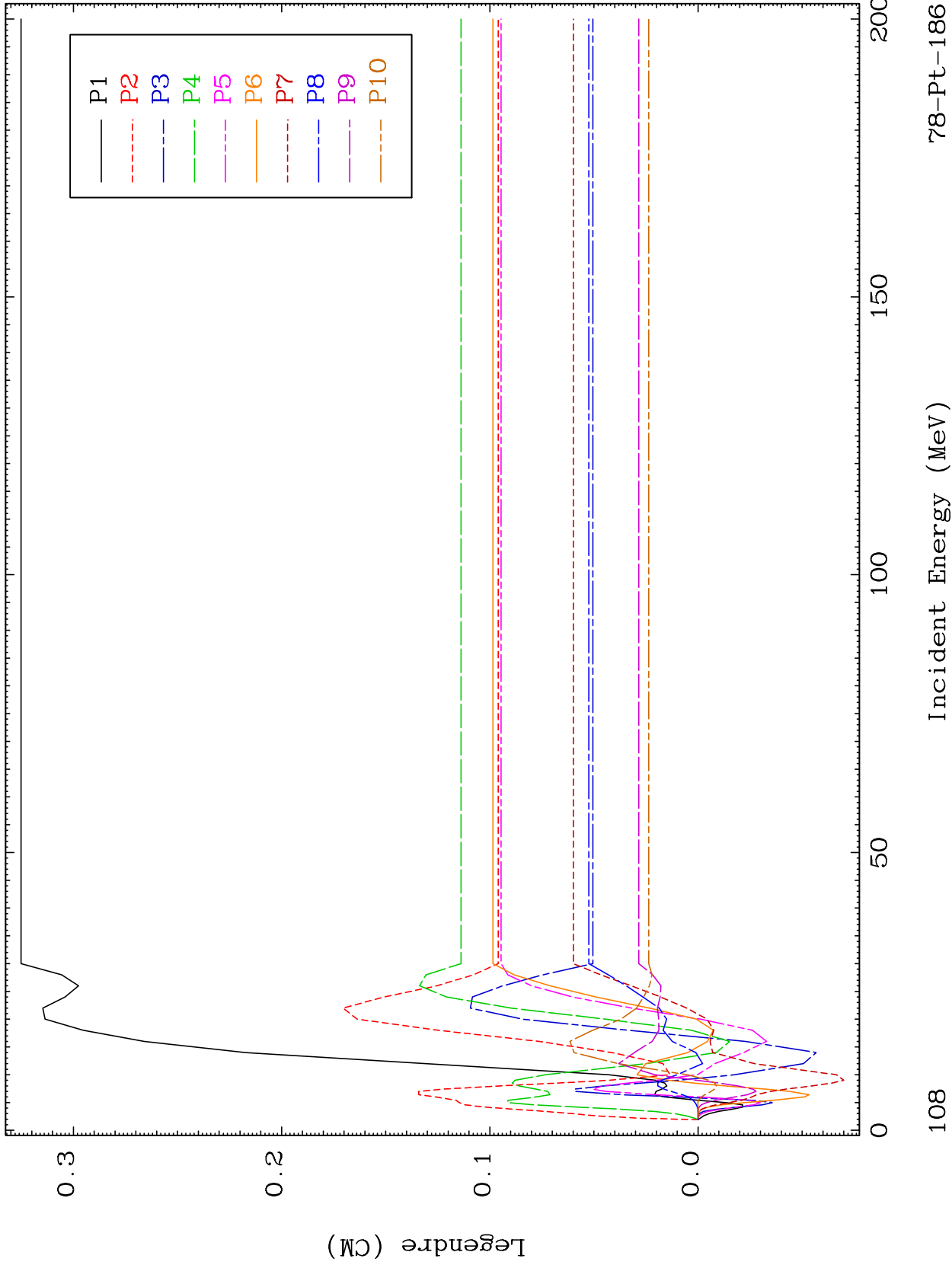


107

MAT 7813

1.896 MeV (n,n') Level
Legendre Coefficients

78-Pt-186



78-Pt-186

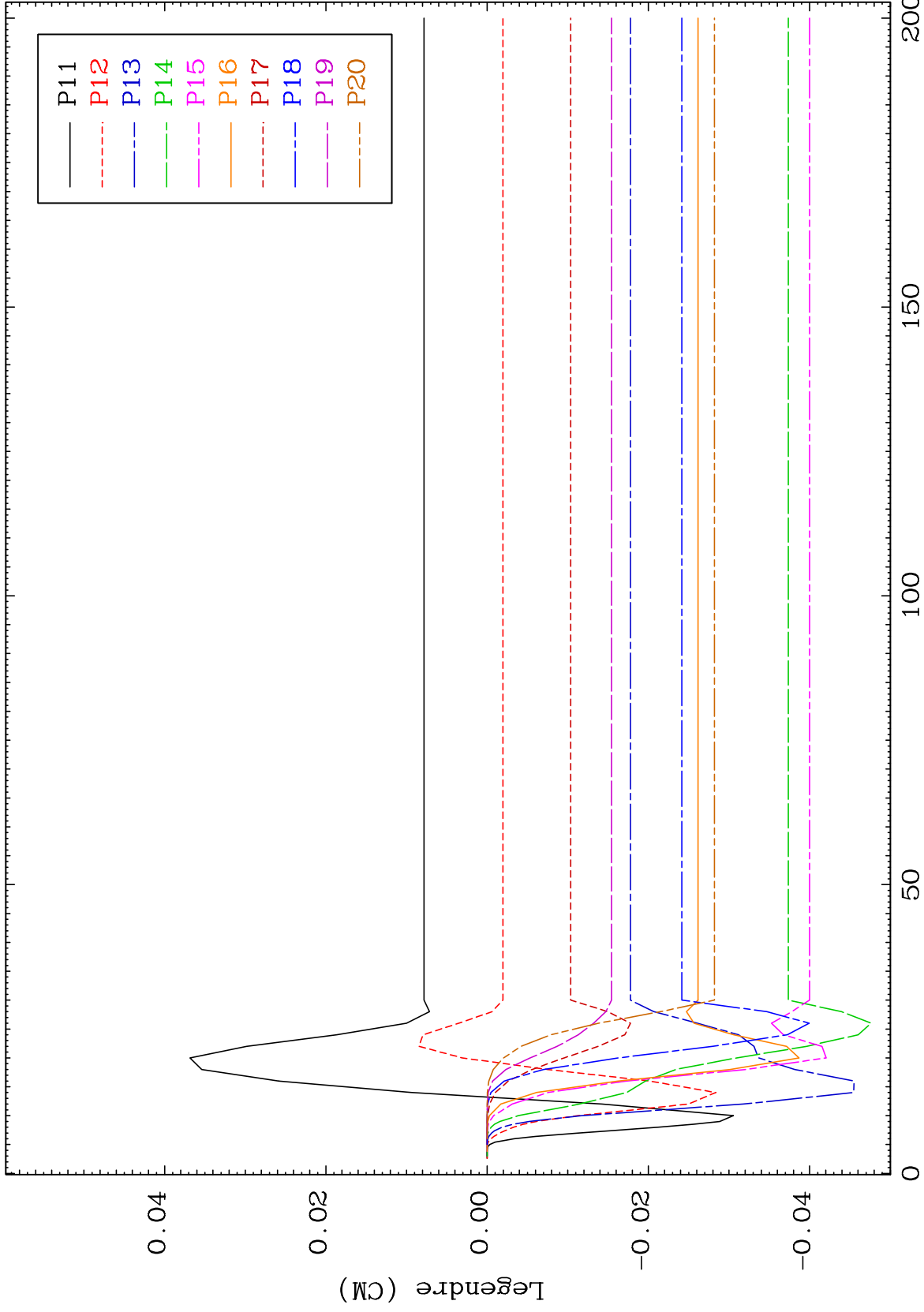
Incident Energy (MeV)

108

MAT 7813

1.896 MeV (n,n') Level
Legendre Coefficients

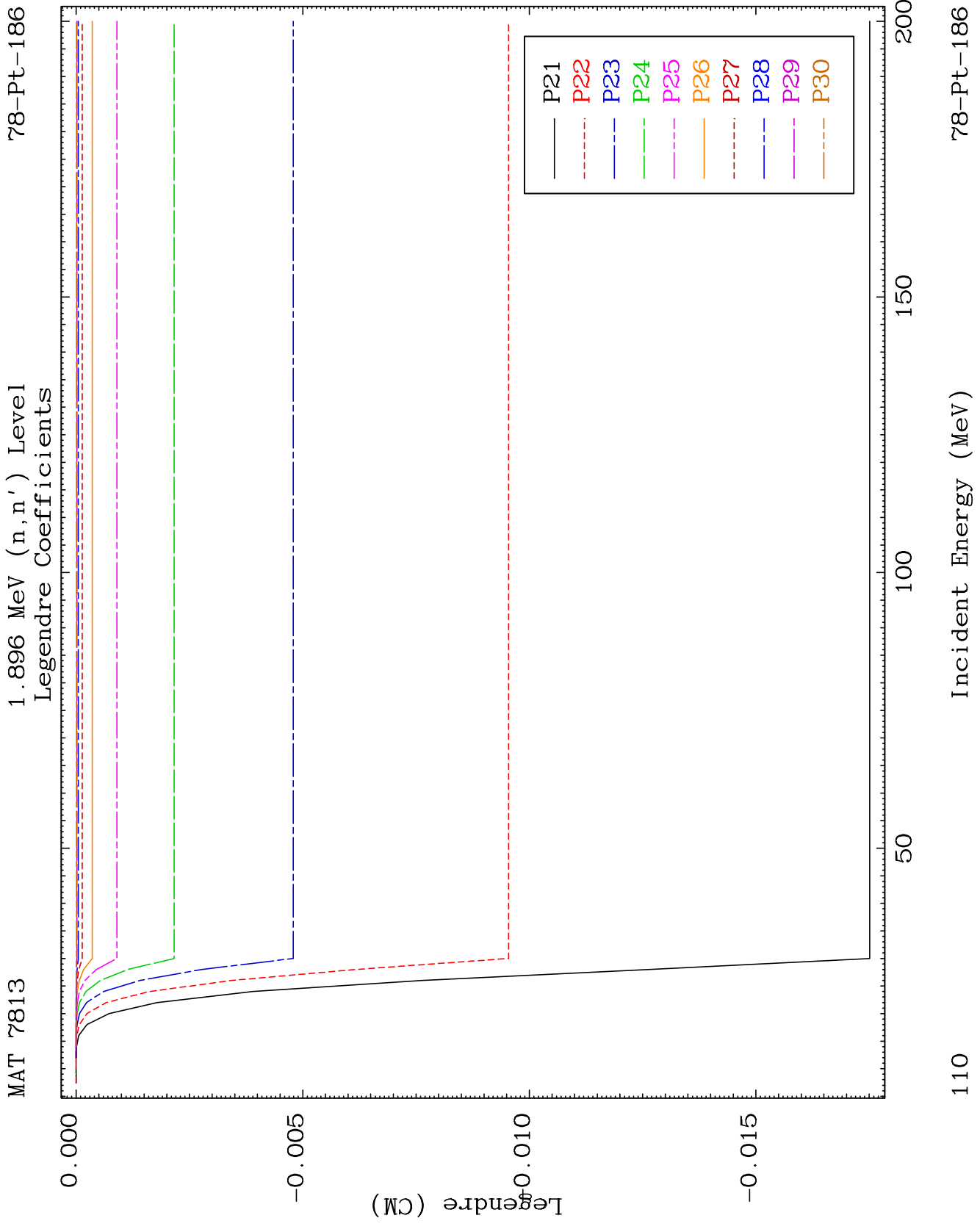
78-Pt-186

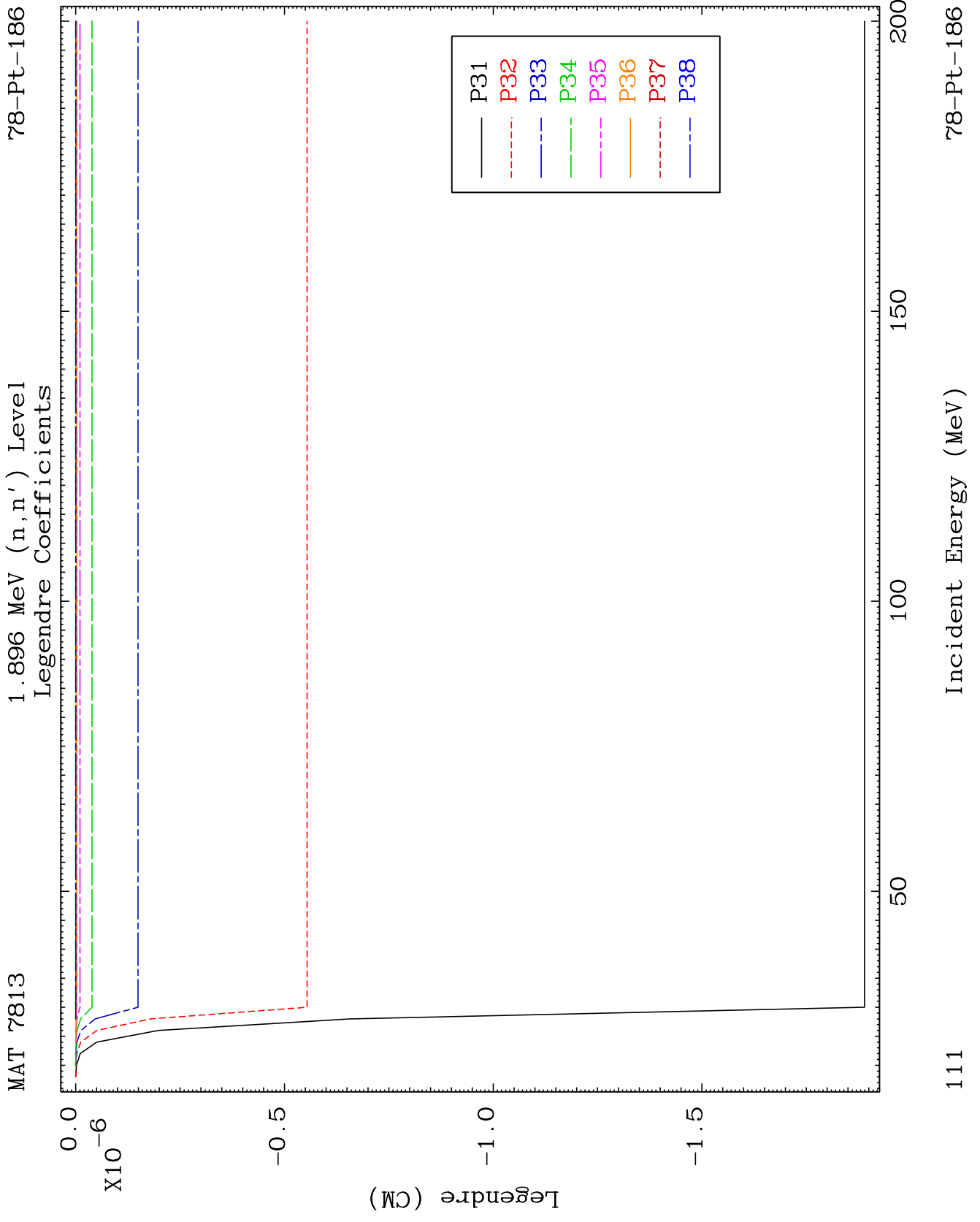


109

Incident Energy (MeV)

78-Pt-186

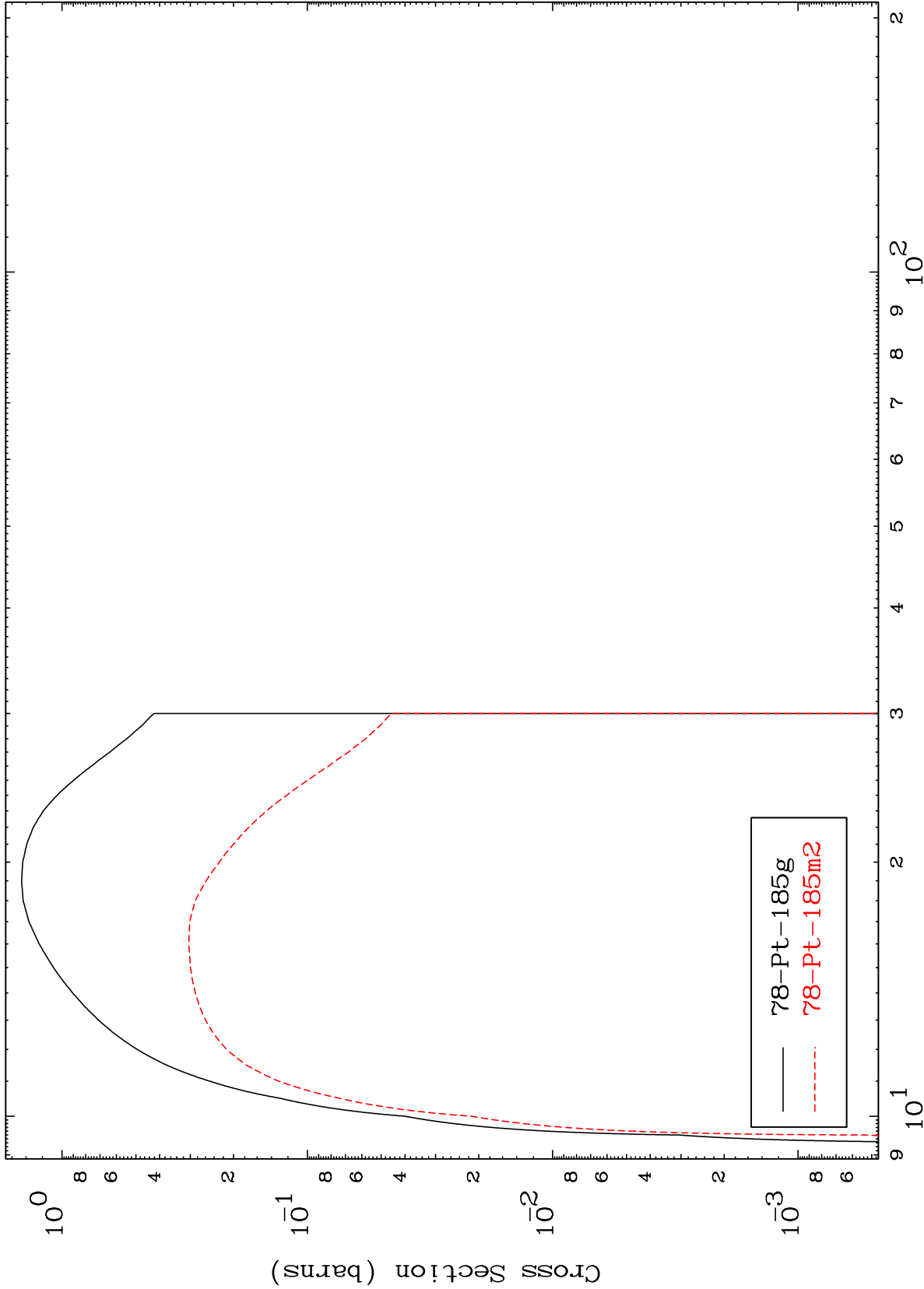




MAT 7813

78-Pt-186

(n,2n)
Radionuclide Production Cross Section



78-Pt-186

Incident Energy (MeV)

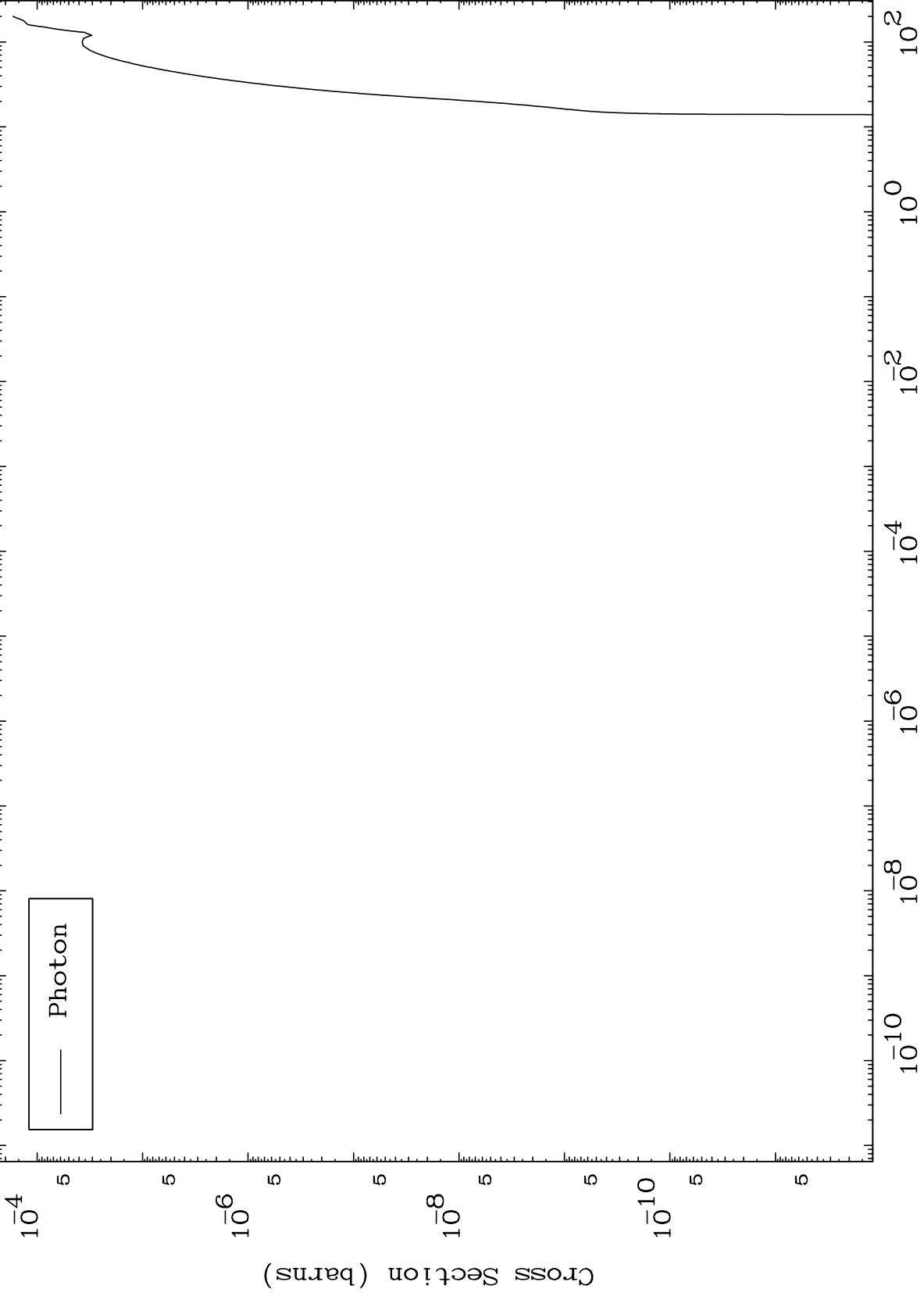
112

MAT 7813

Fission

78-Pt-186

Radionuclide Production Cross Section



113

Incident Energy (MeV)

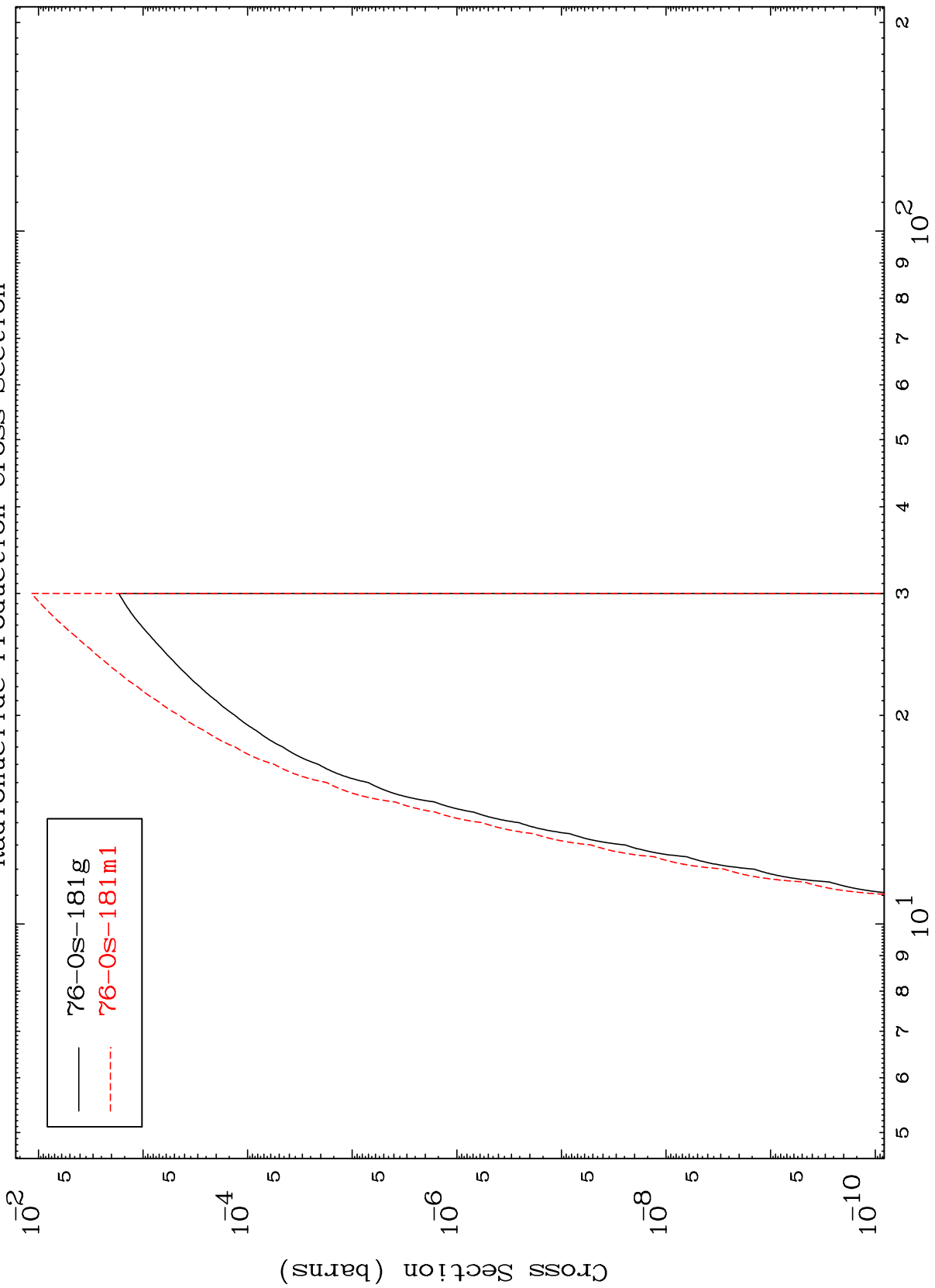
78-Pt-186

MAT 7813

$(n,2n) \alpha$

78-Pt-186

Radionuclide Production Cross Section



Legend:
— 76-Os-181g
- - - 76-Os-181m1

114

Incident Energy (MeV)

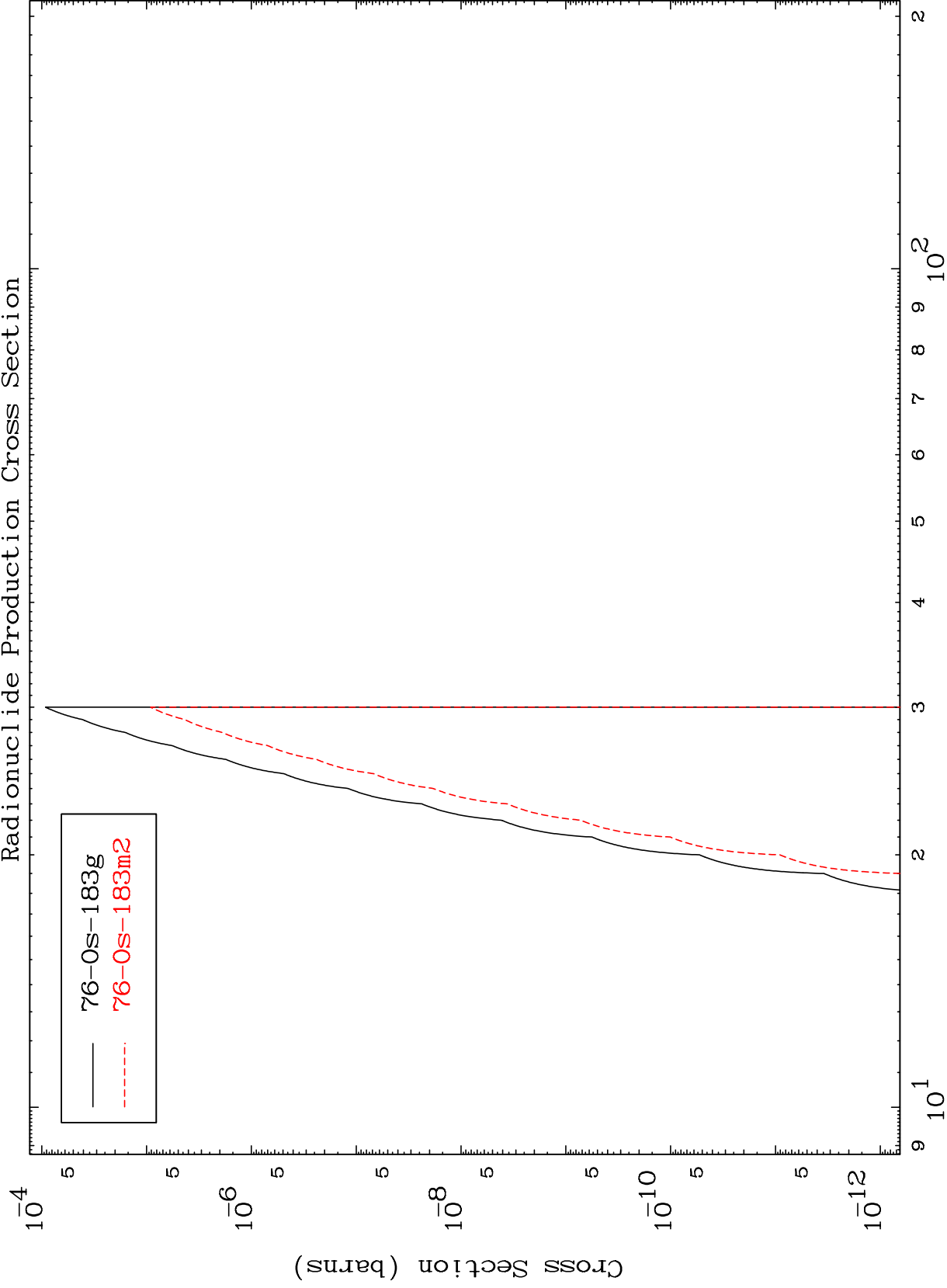
78-Pt-186

MAT 7813

(n,n') He-3

78-Pt-186

Radionuclide Production Cross Section



76-Os-183g
76-Os-183m2

Incident Energy (MeV)

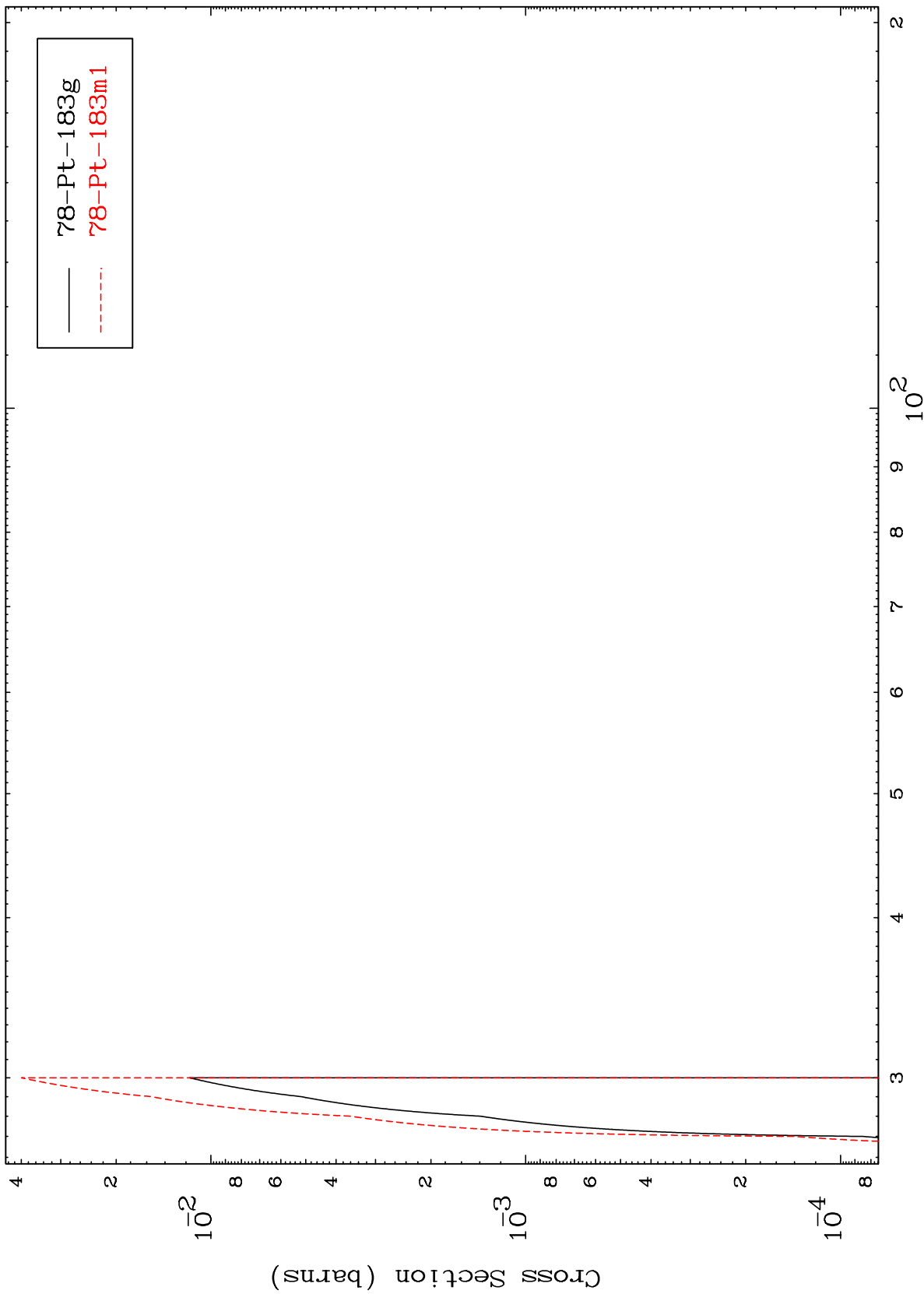
78-Pt-186

115

MAT 7813

78-Pt-186

(n,4n)
Radionuclide Production Cross Section



116

Incident Energy (MeV)

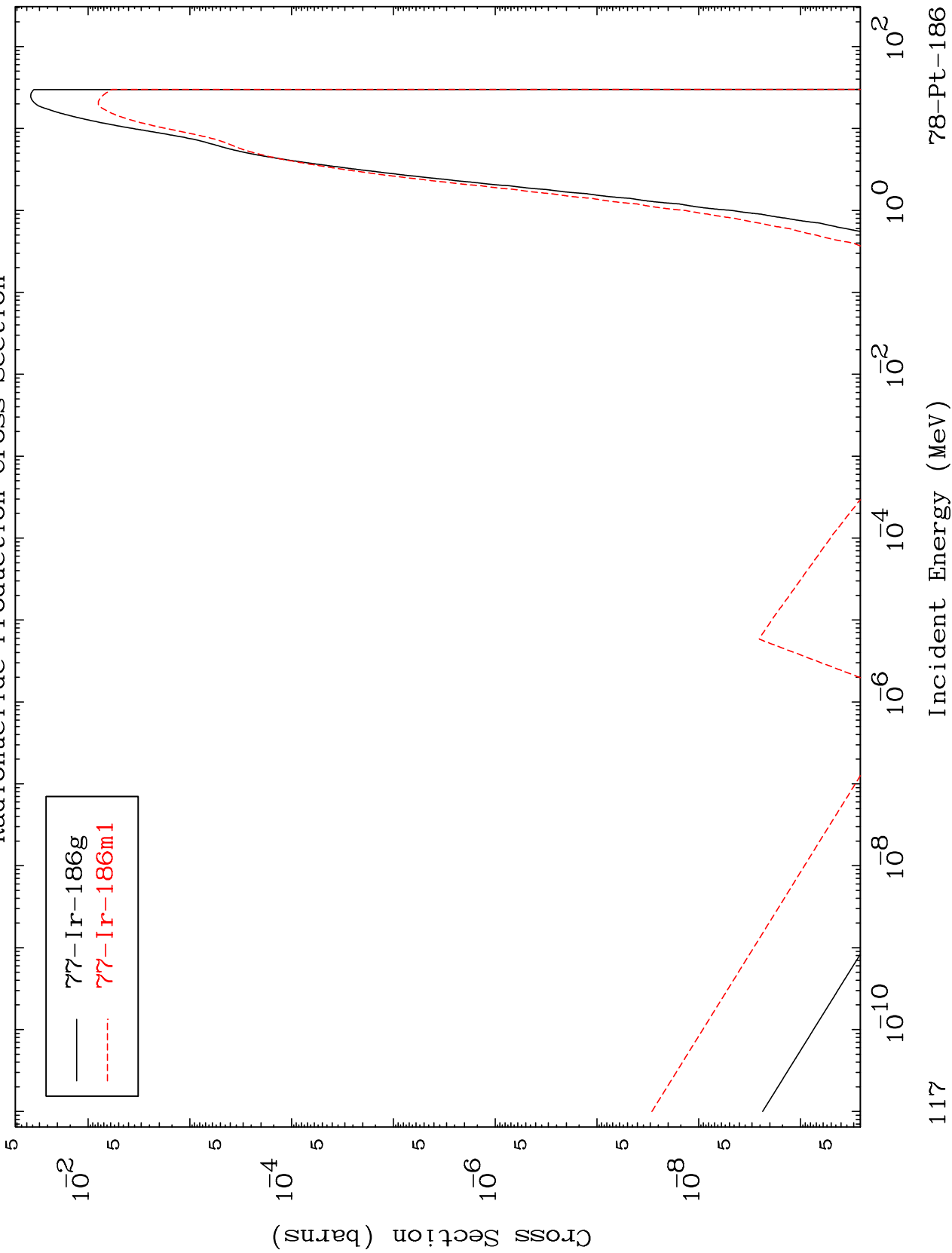
78-Pt-186

MAT 7813

(n,p)

78-Pt-186

Radionuclide Production Cross Section



117

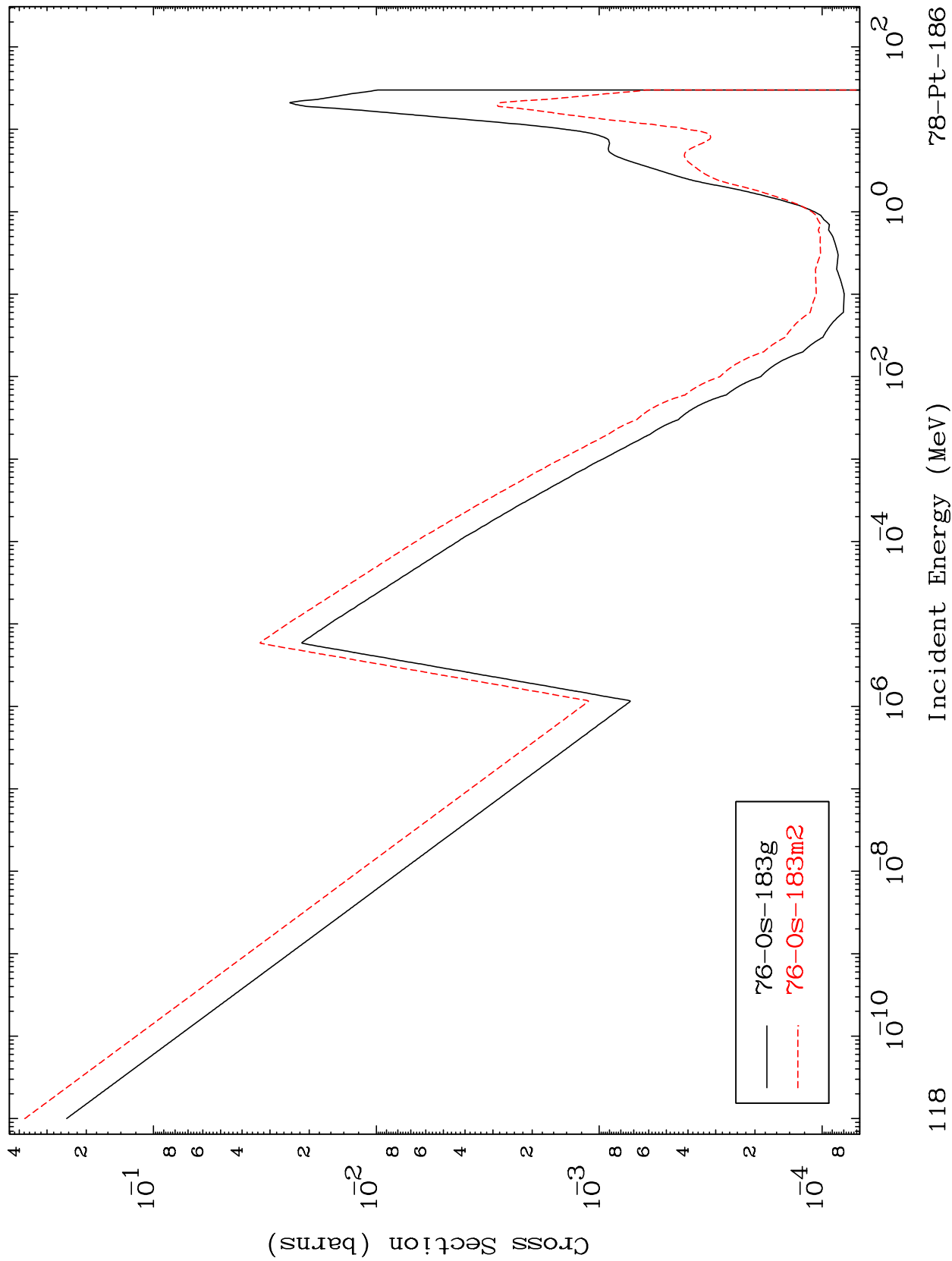
Incident Energy (MeV)

78-Pt-186

MAT 7813

78-Pt-186

(n, α)
Radionuclide Production Cross Section

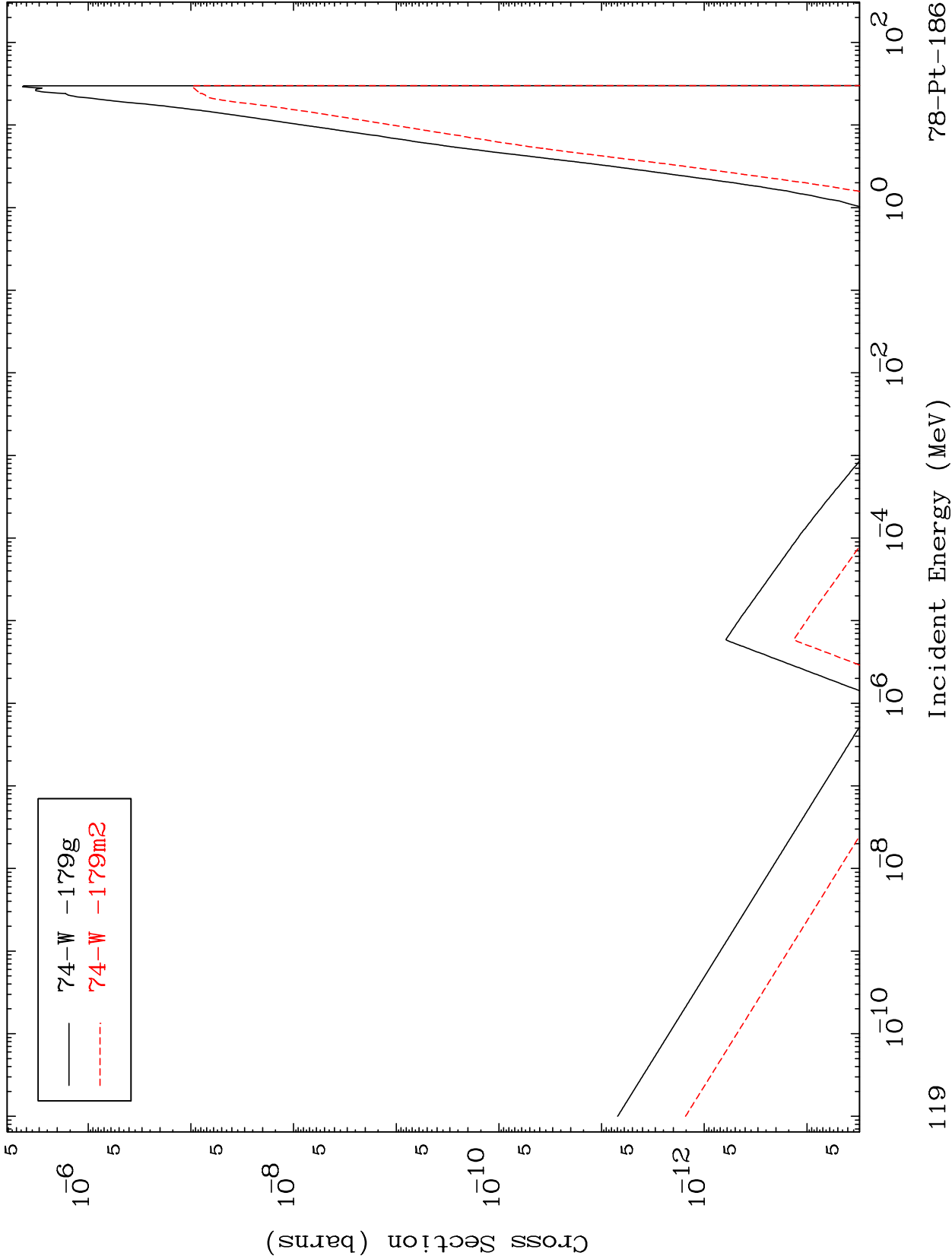


MAT 7813

(n,2α)

78-Pt-186

Radionuclide Production Cross Section



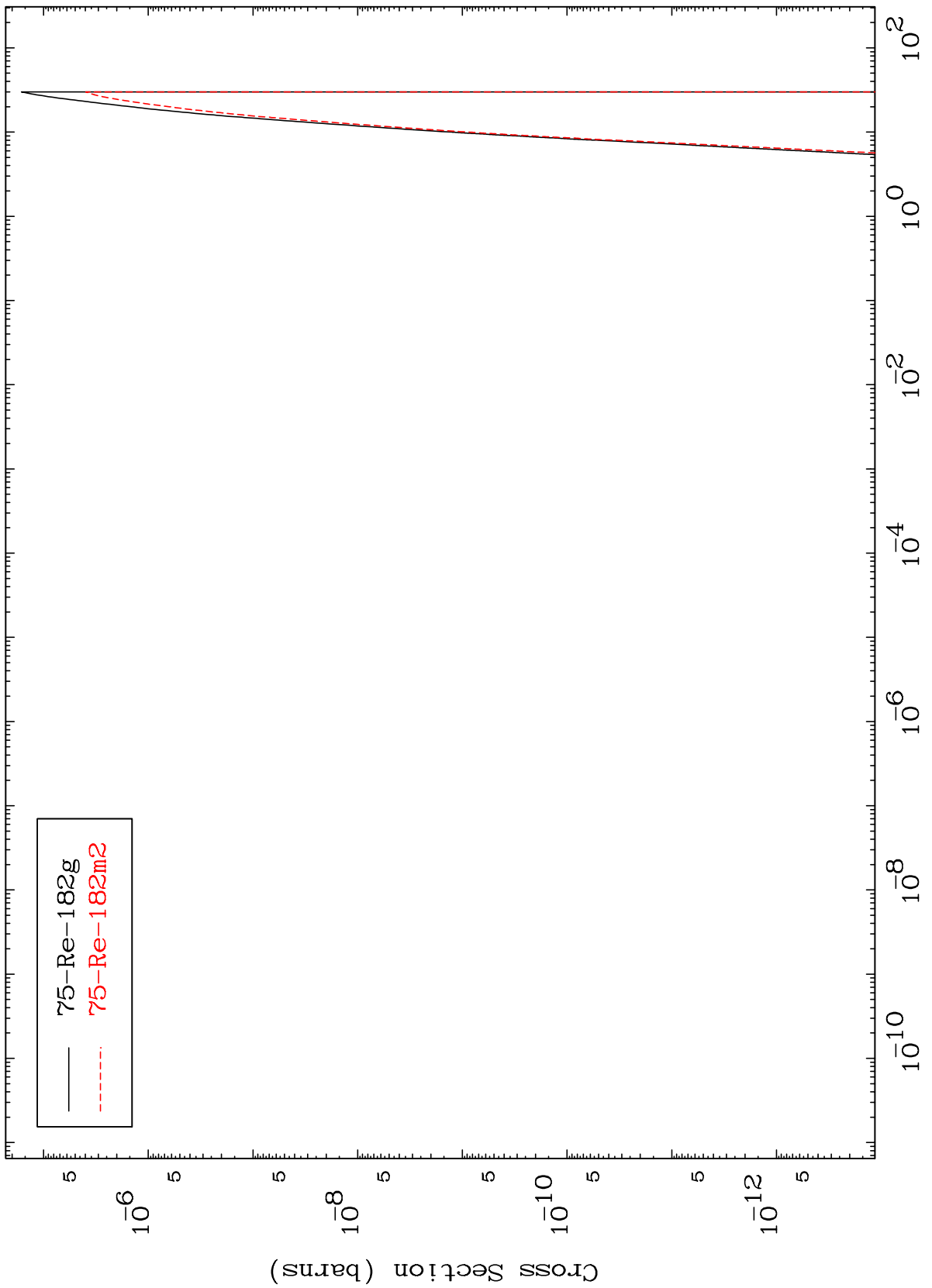
74-W -179g
74-W -179m2

MAT 7813

(n,p) α

78-Pt-186

Radionuclide Production Cross Section



120

Incident Energy (MeV)

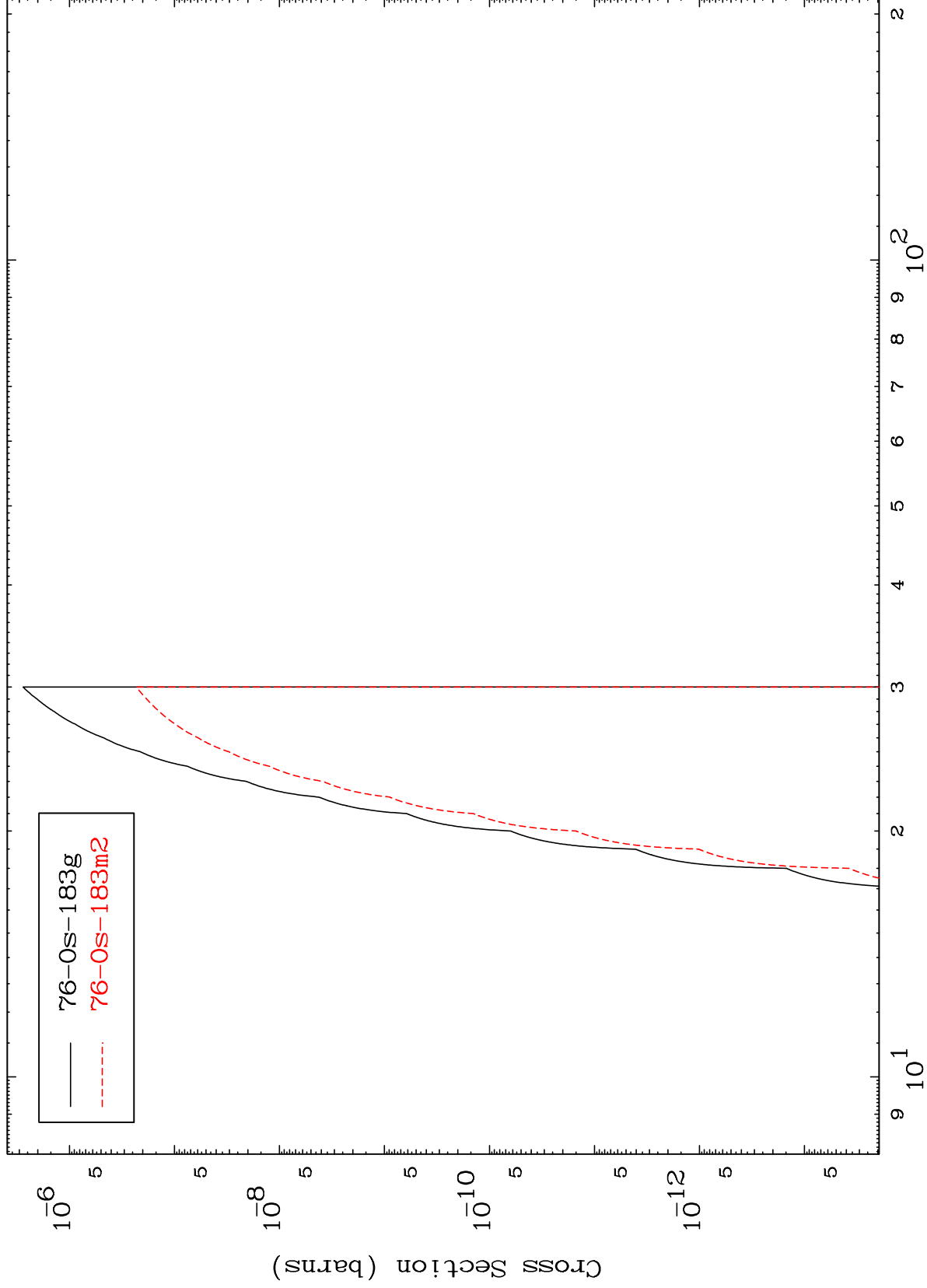
78-Pt-186

MAT 7813

(n,p) t

78-Pt-186

Radionuclide Production Cross Section



121

Incident Energy (MeV)

78-Pt-186