

Program EVALPLOT
(Version 2015-2)

by

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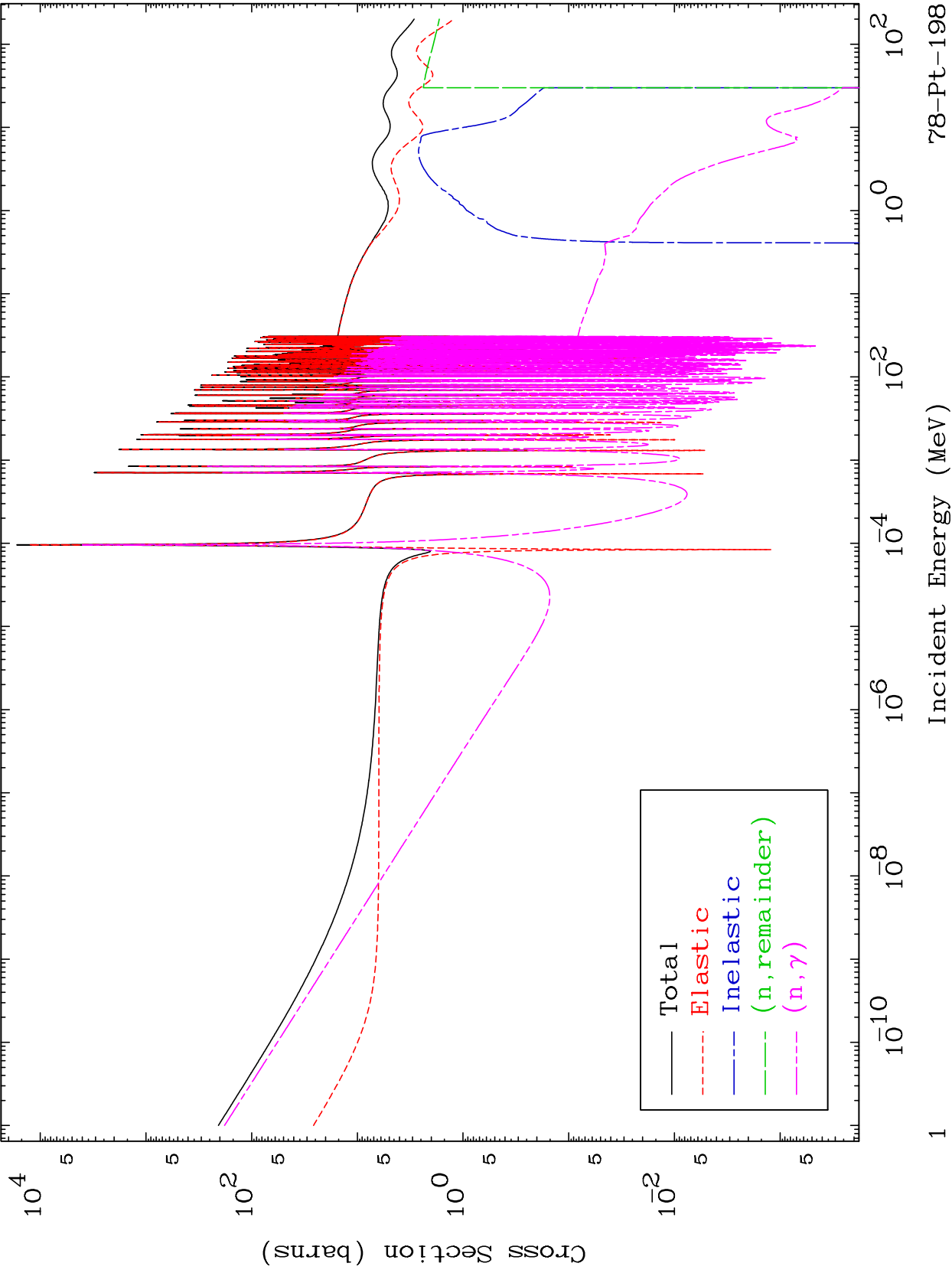
Press Mouse Button to Start

MAT 7849

Major

293 Kelvin Cross Sections

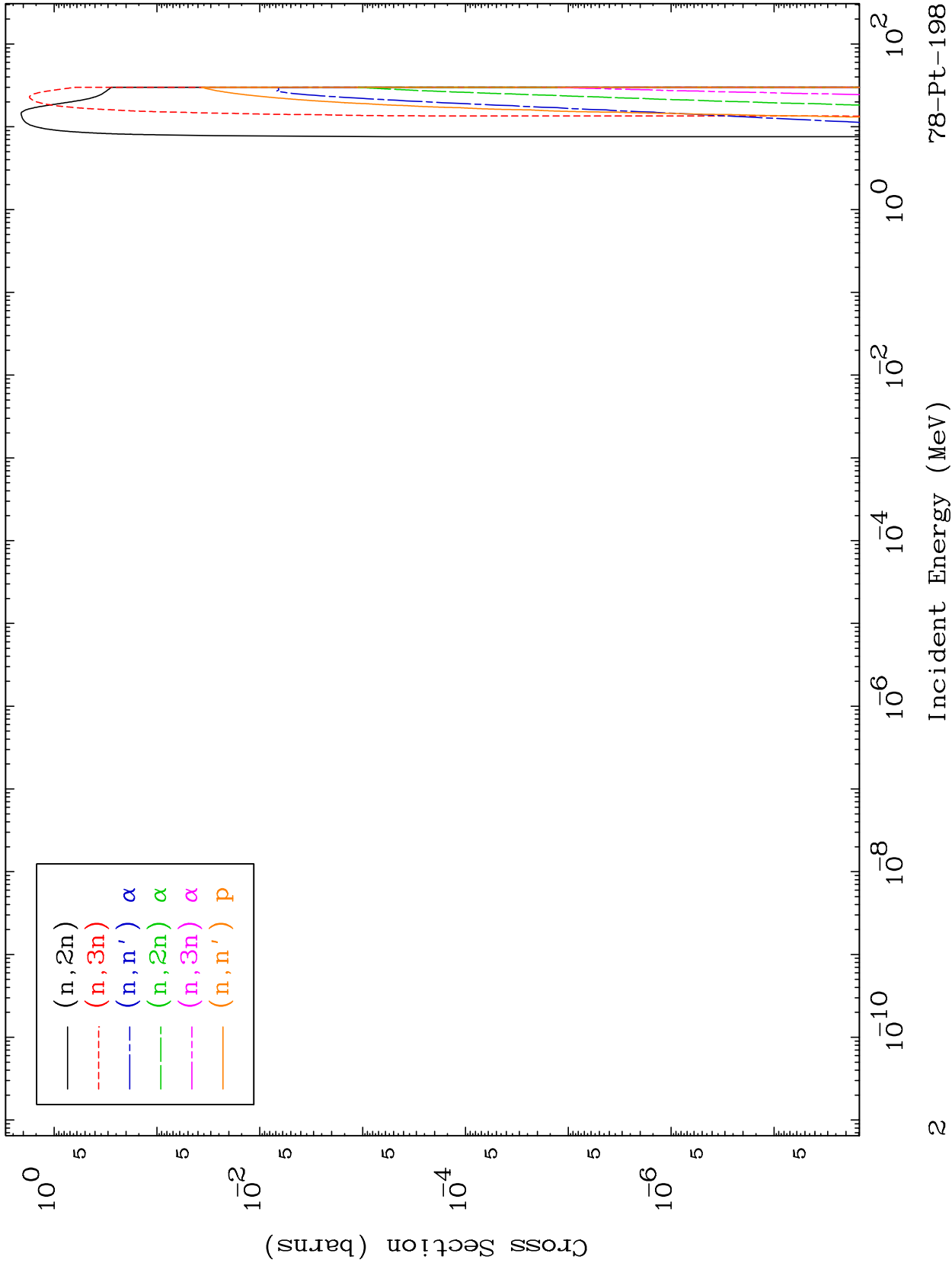
78-Pt-198

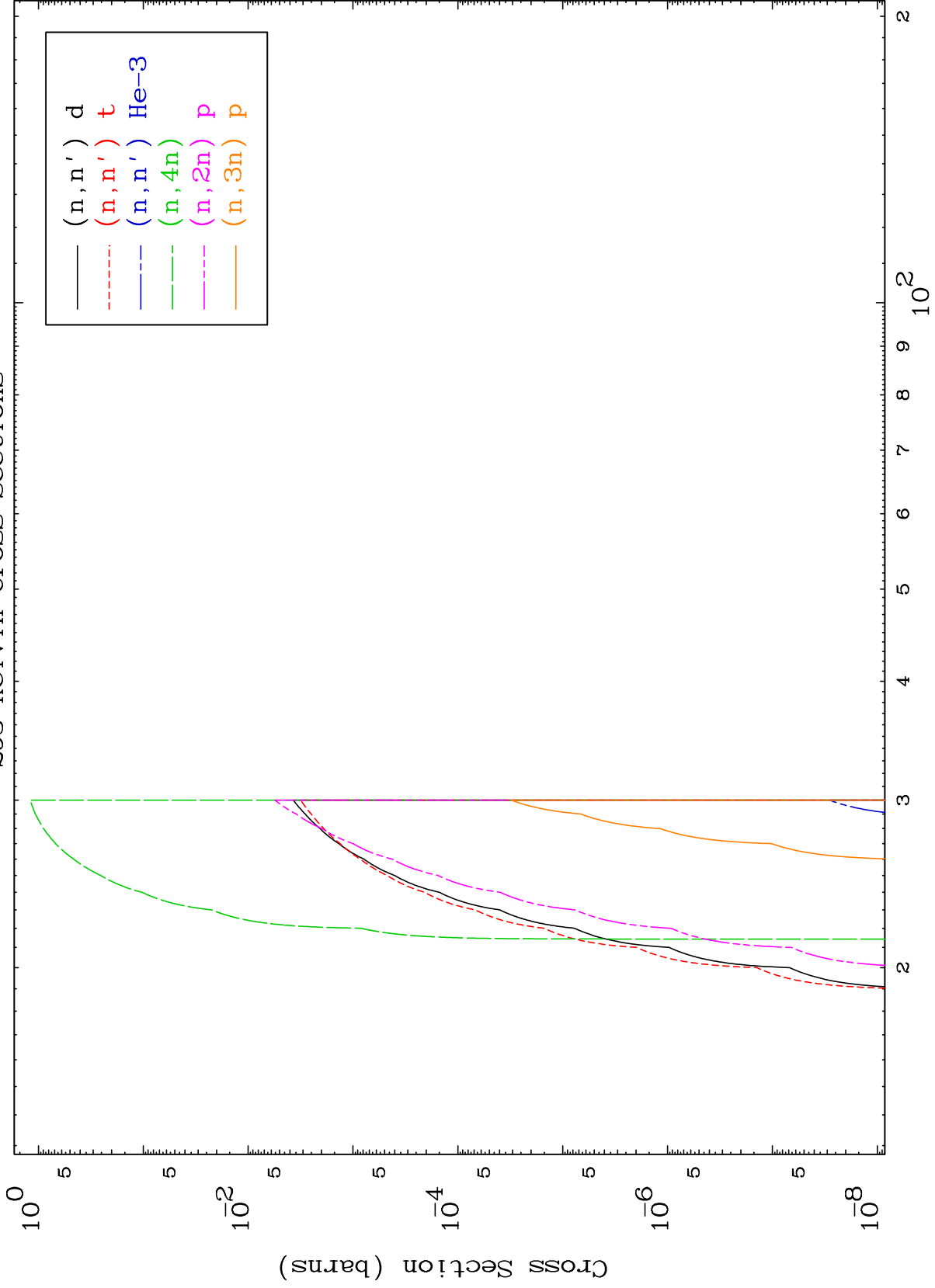


MAT 7849

Neutron Production
293 Kelvin Cross Sections

78-Pt-198

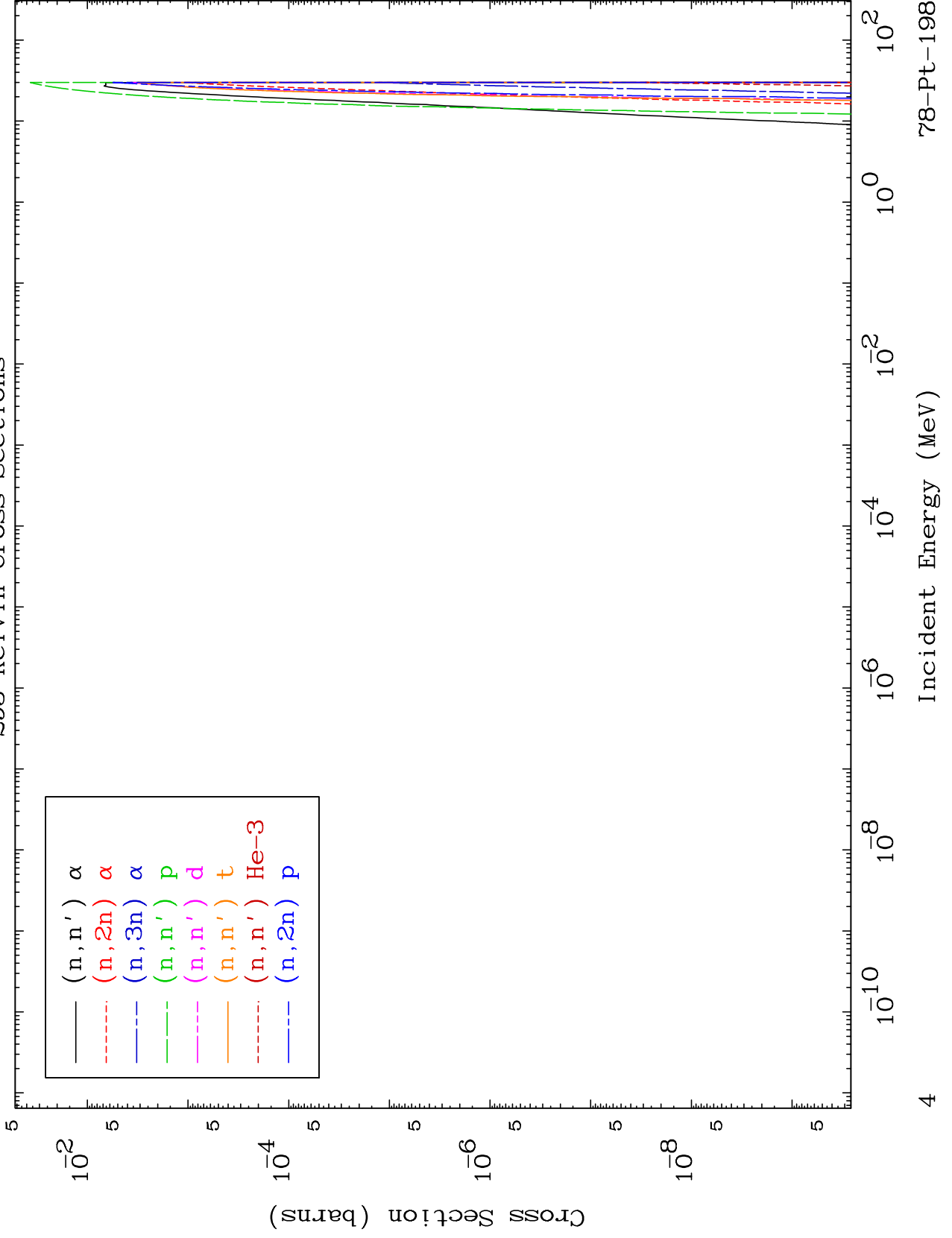




MAT 7849

Charged Particle
293 Kelvin Cross Sections

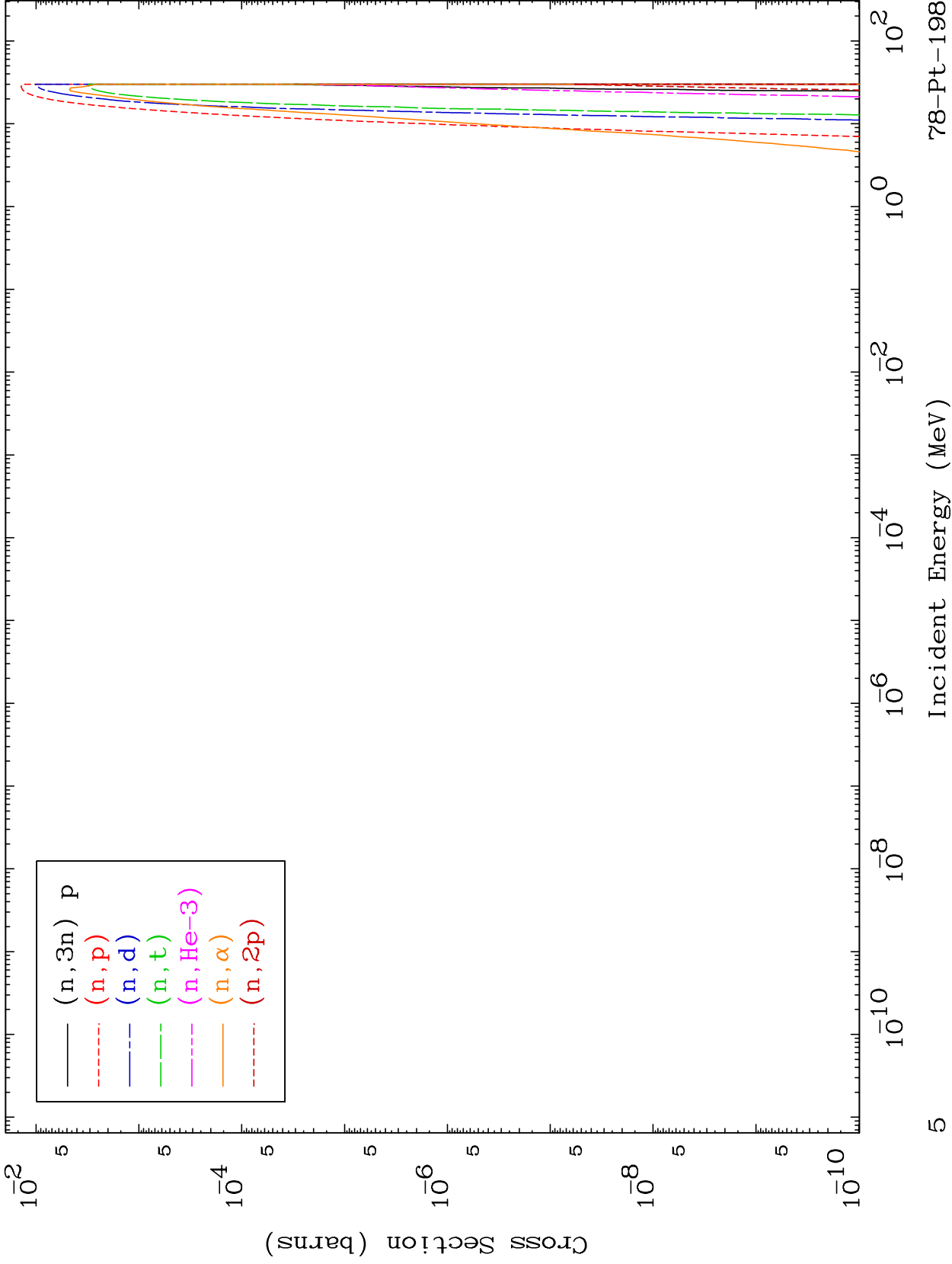
78-Pt-198



MAT 7849

Charged Particle
293 Kelvin Cross Sections

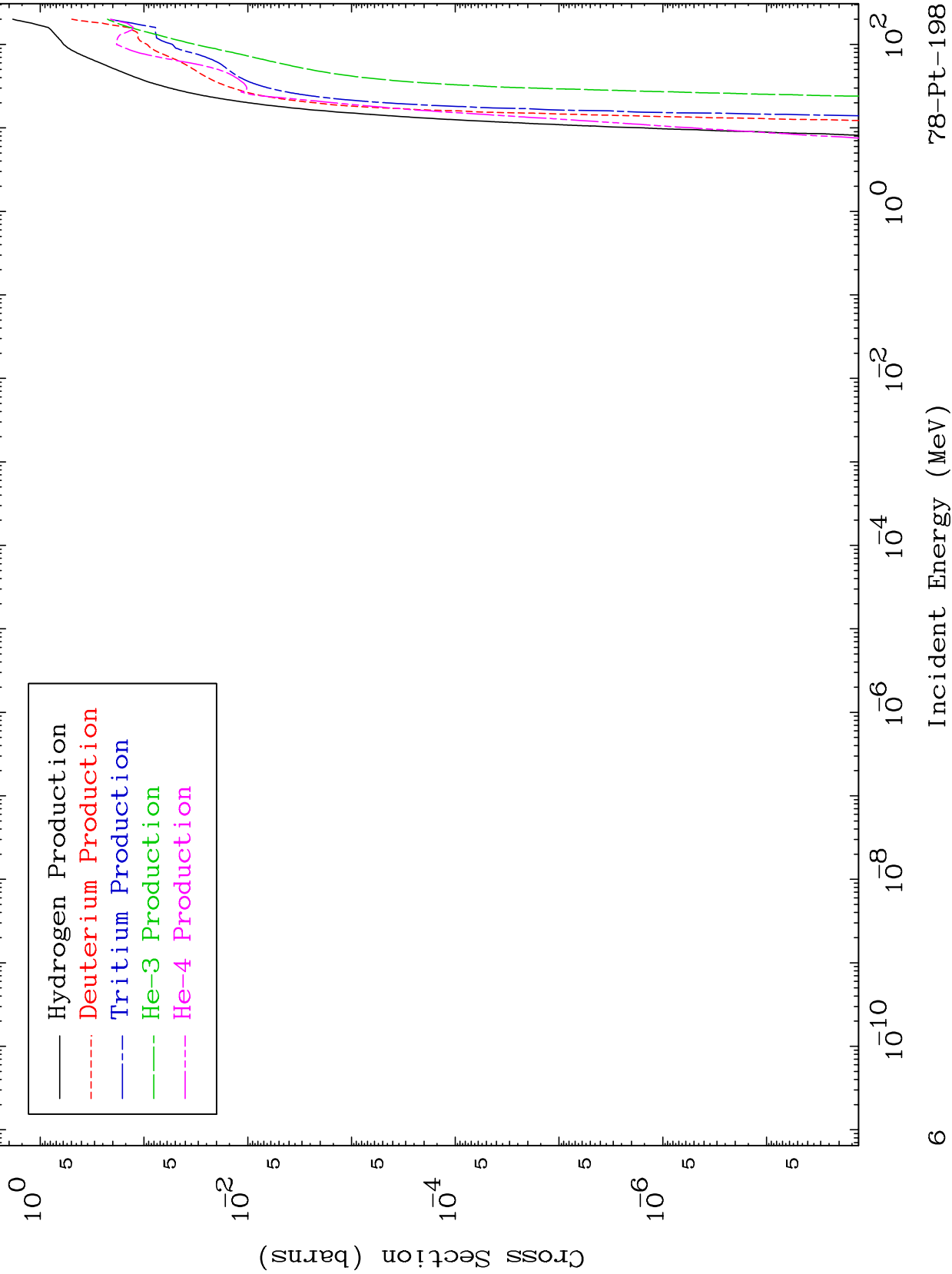
78-Pt-198



MAT 7849

Particle Production
293 Kelvin Cross Sections

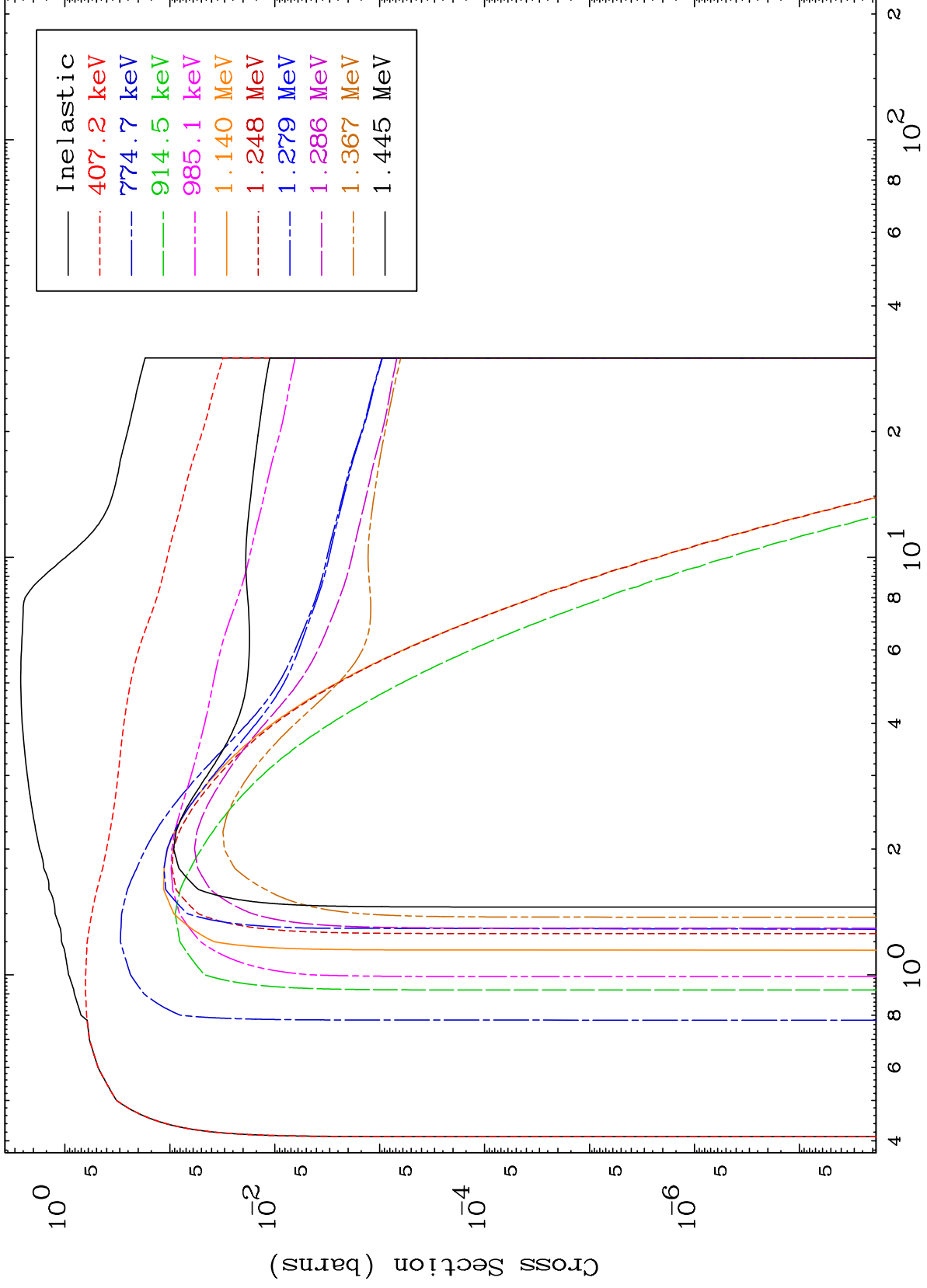
78-Pt-198



MAT 7849

(n,n') Level
293 Kelvin Cross Sections

78-Pt-198



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Incident Energy (MeV)

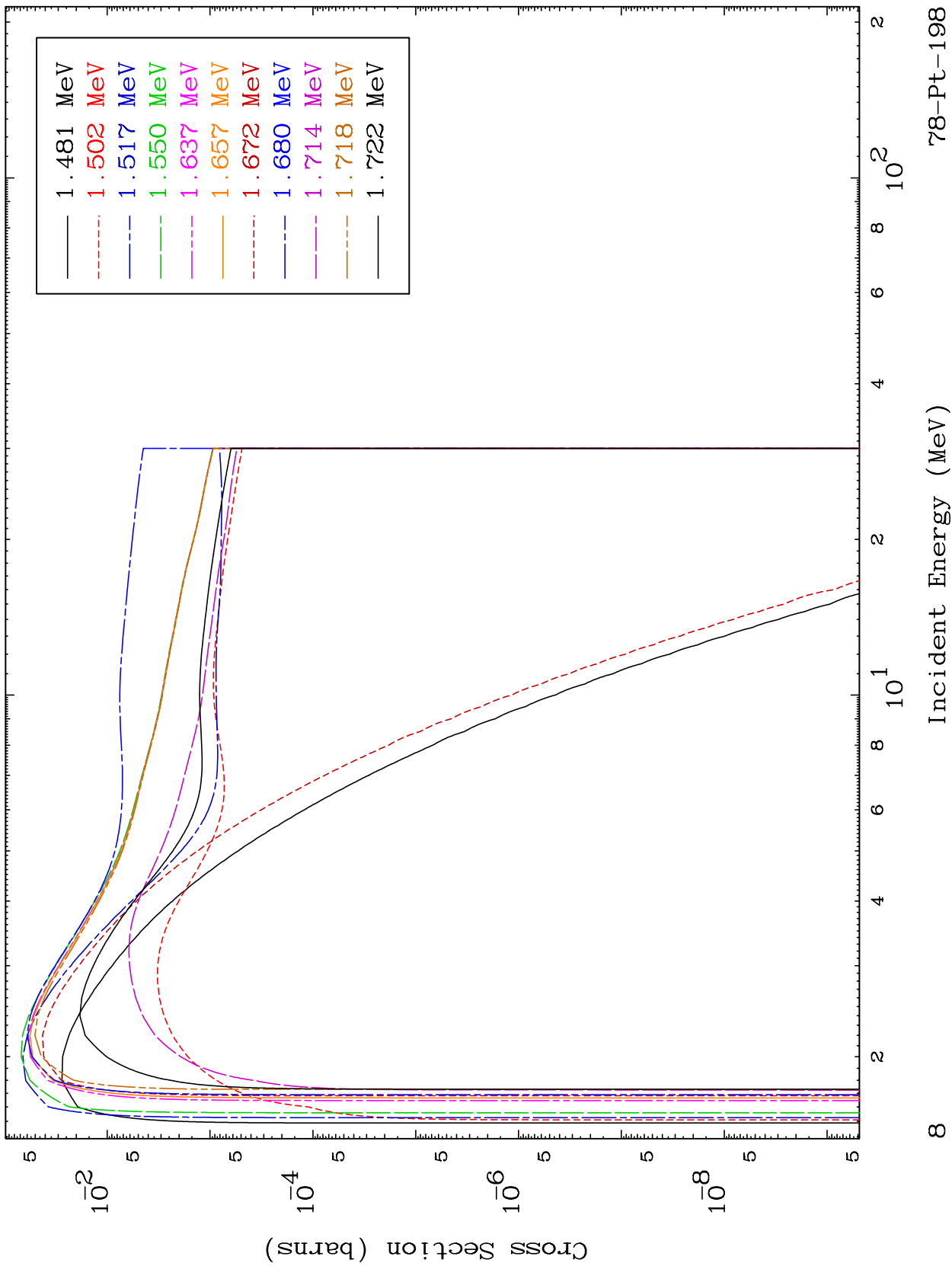
78-Pt-198

MAT 7849

(n,n') Level

78-Pt-198

293 Kelvin Cross Sections



8

Incident Energy (MeV)

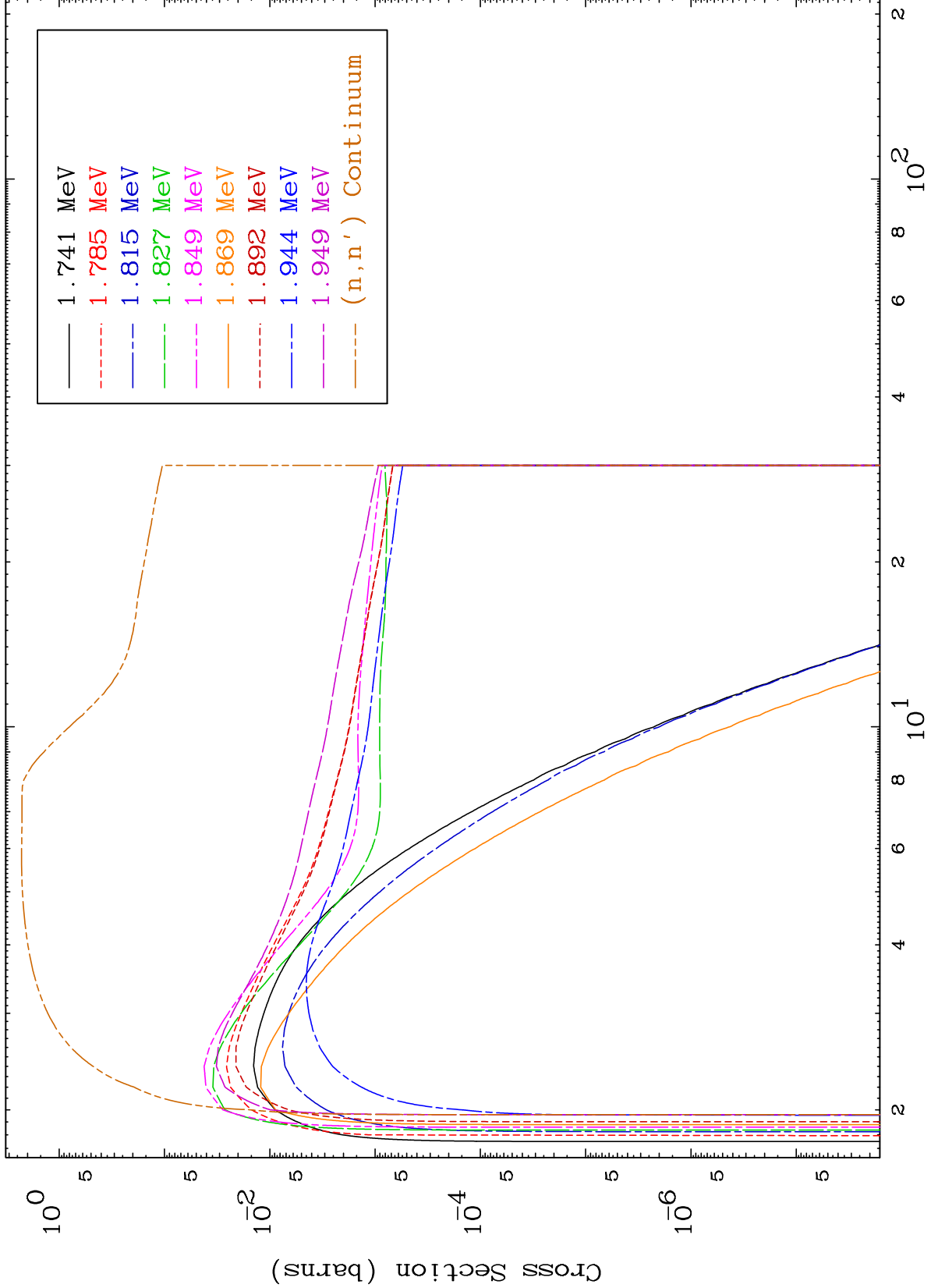
78-Pt-198

MAT 7849

(n,n') Level

78-Pt-198

293 Kelvin Cross Sections



9

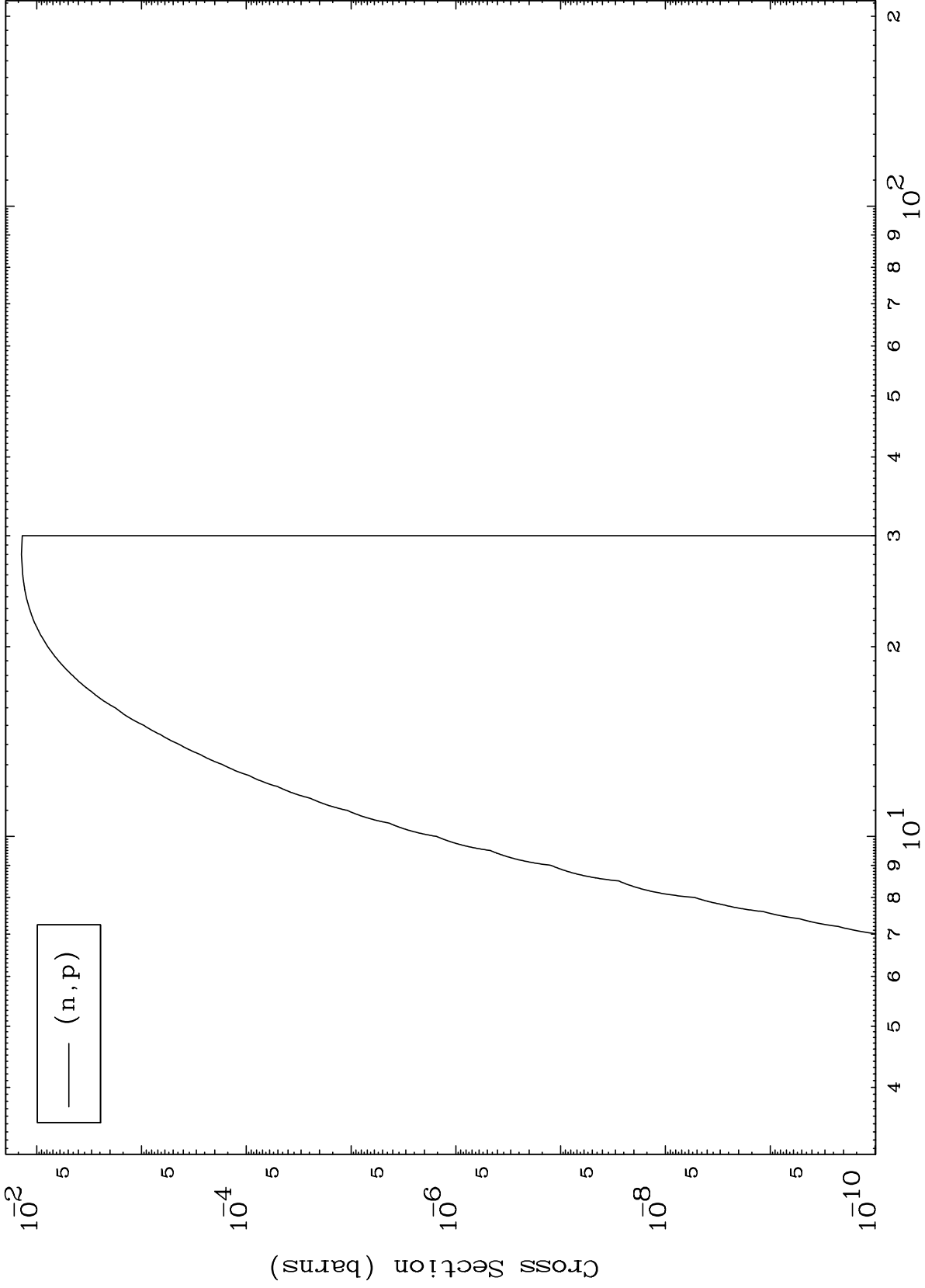
Incident Energy (MeV)

78-Pt-198

MAT 7849

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-198



10

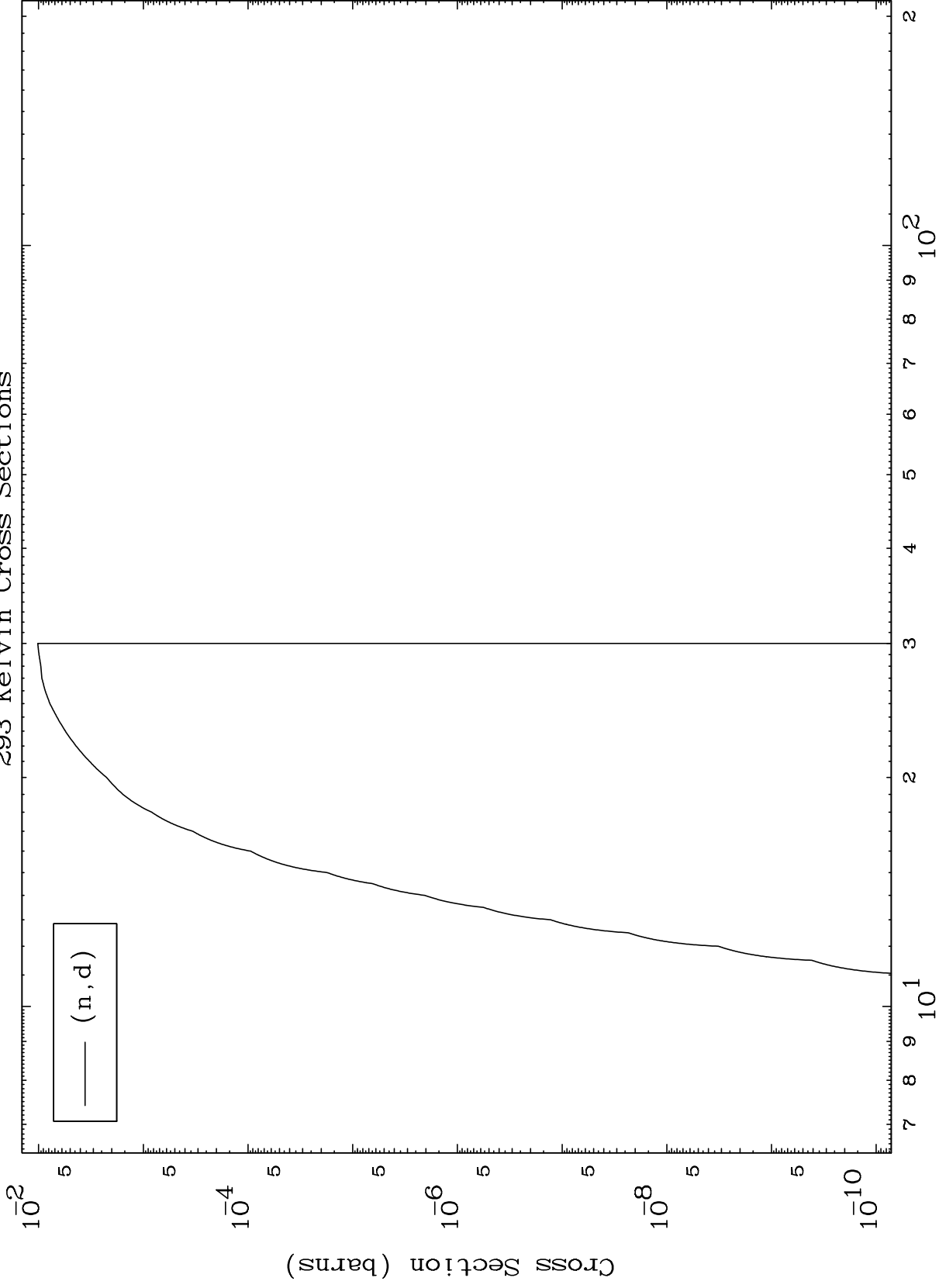
Incident Energy (MeV)

78-Pt-198

MAT 7849

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-198



11

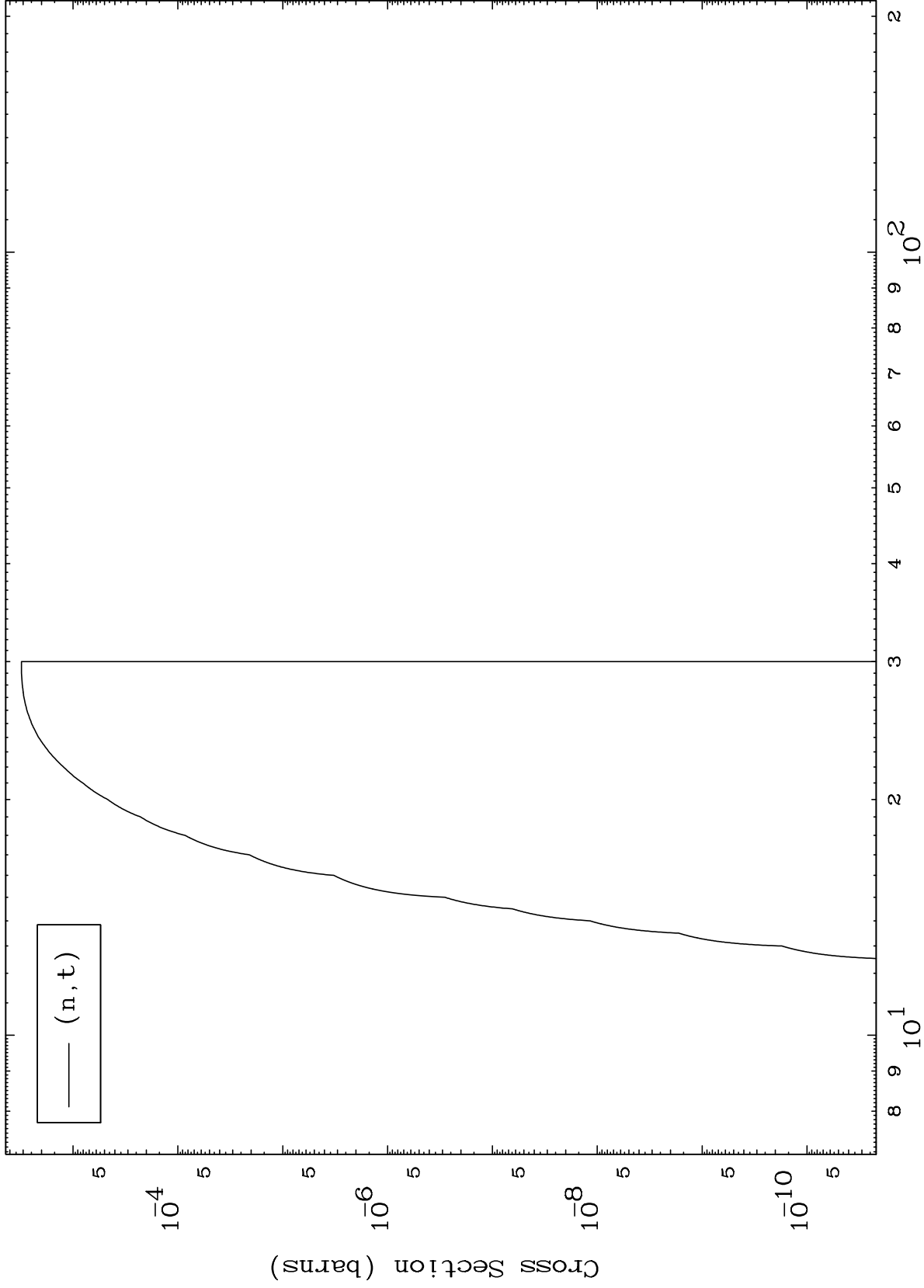
Incident Energy (MeV)

78-Pt-198

MAT 7849

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-198



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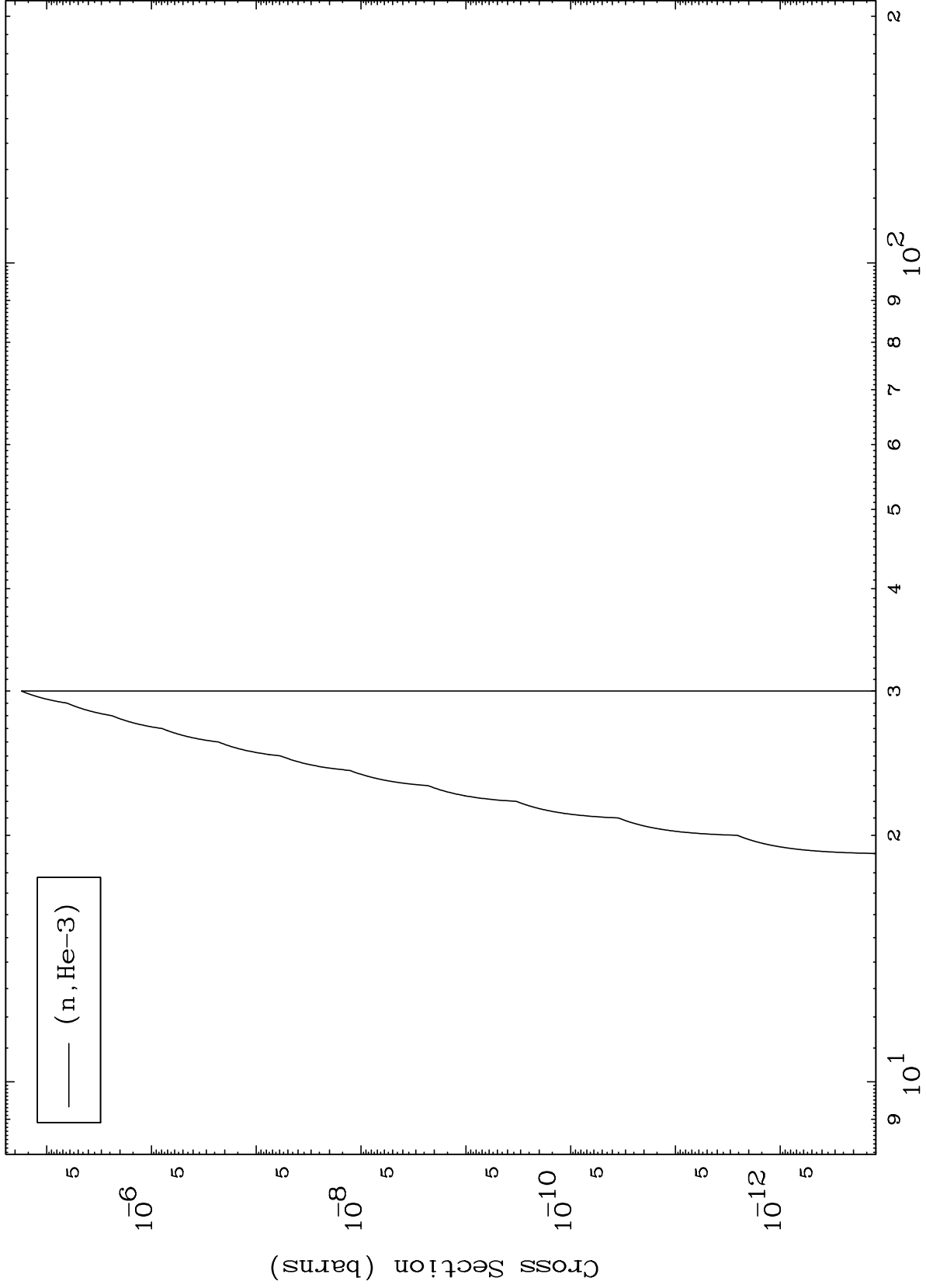
Incident Energy (MeV)

78-Pt-198

MAT 7849

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-198



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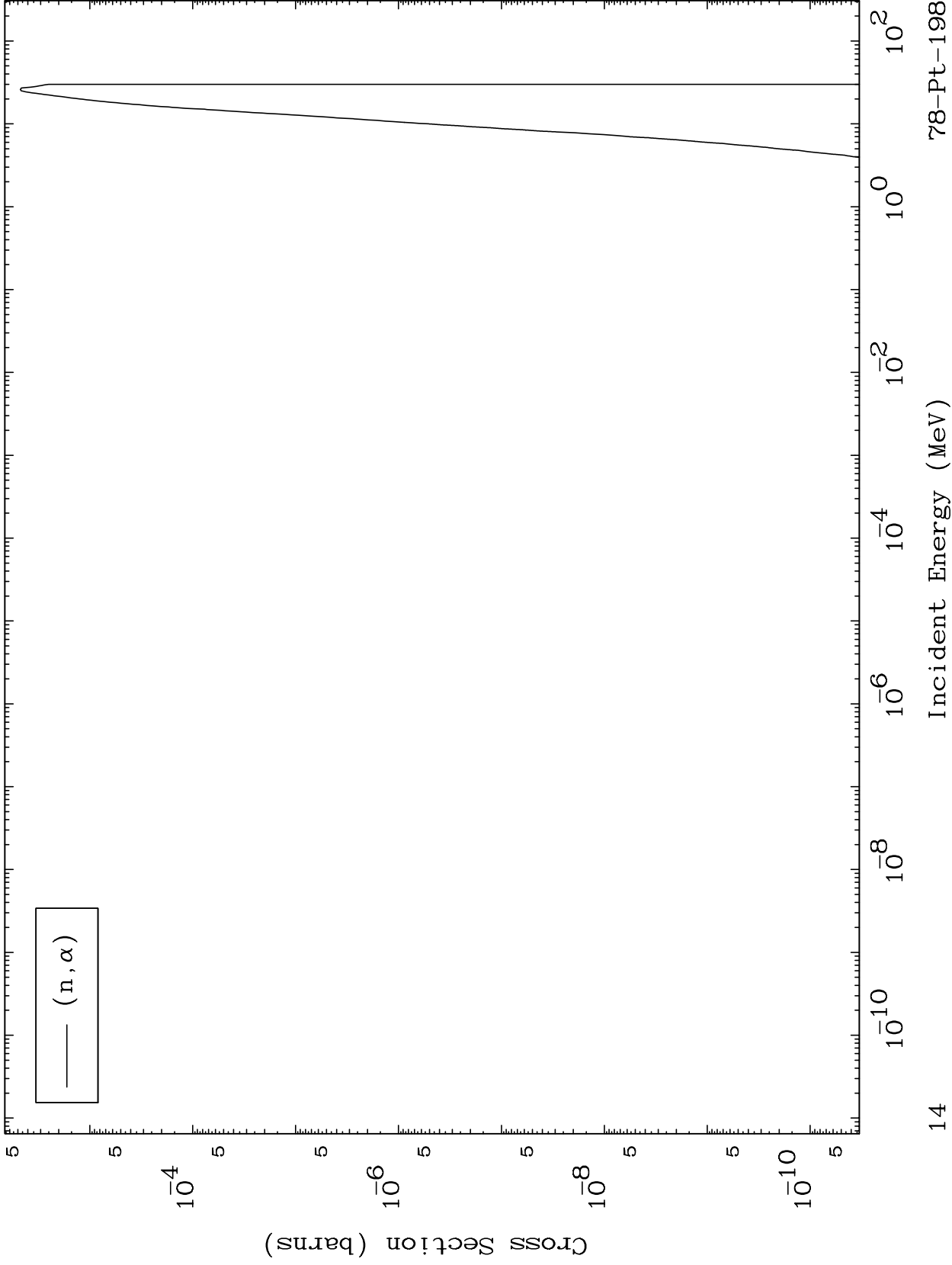
Incident Energy (MeV)

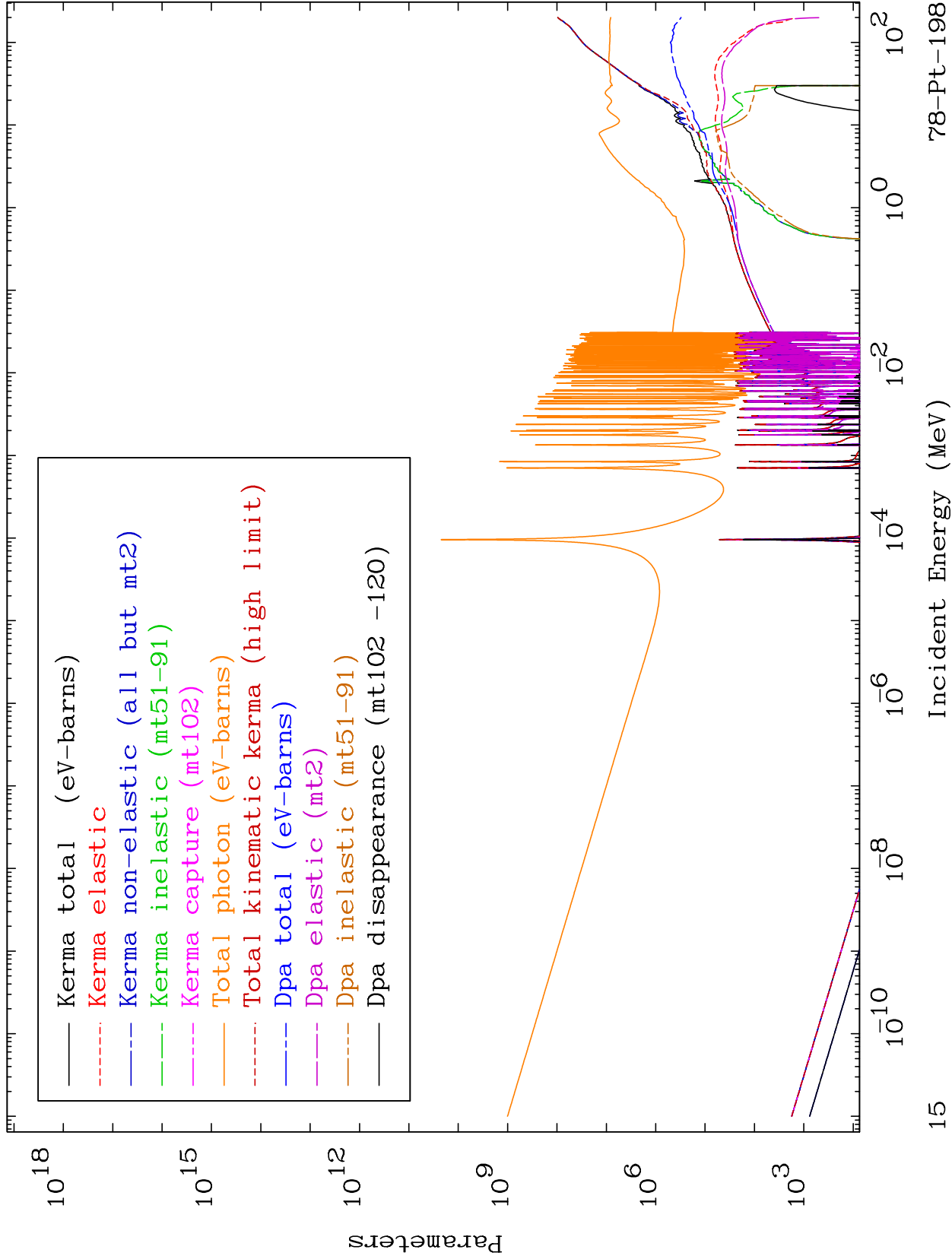
78-Pt-198

MAT 7849

(n, α) Levels
293 Kelvin Cross Sections

78-Pt-198

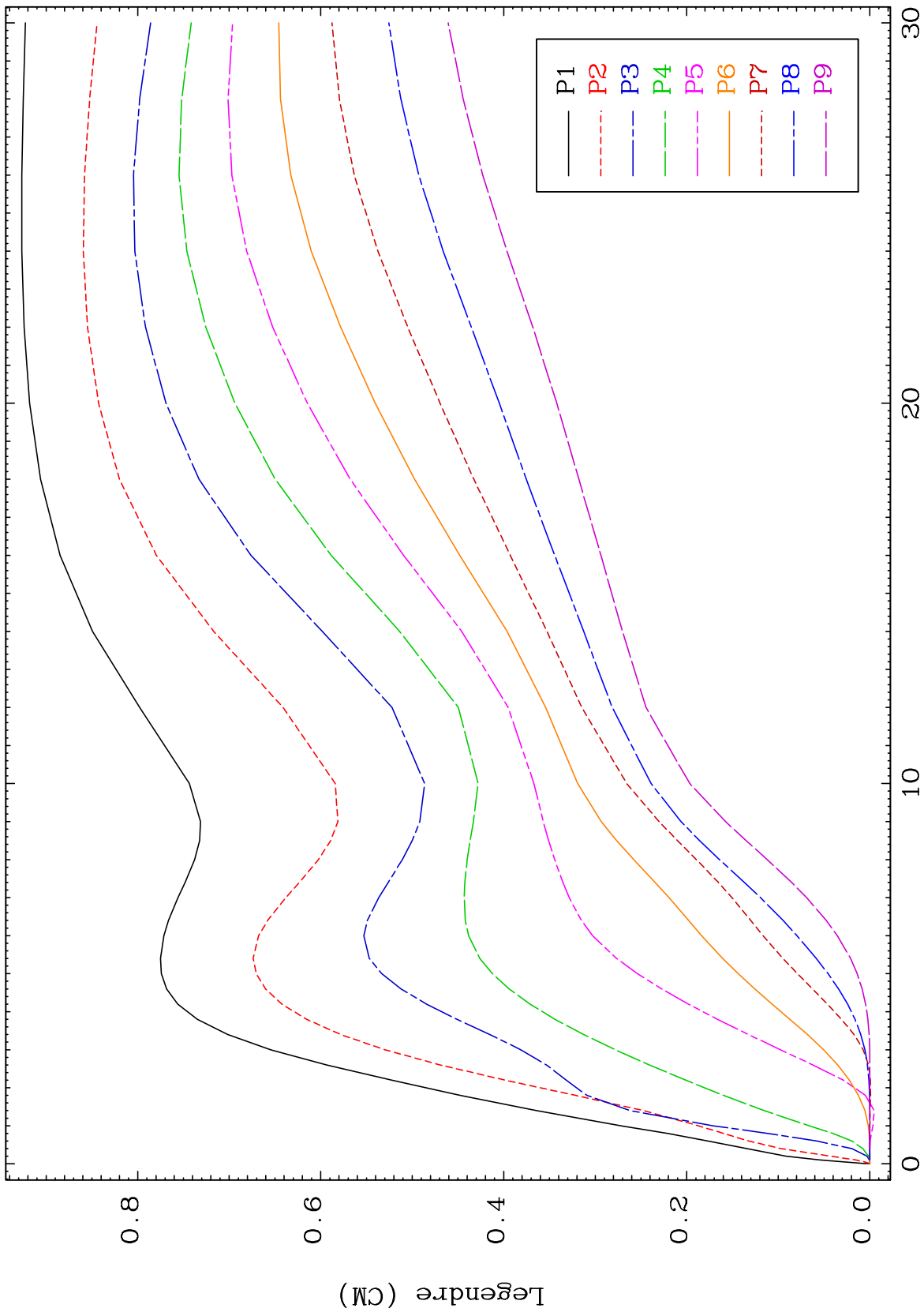




MAT 7849

78-Pt-198

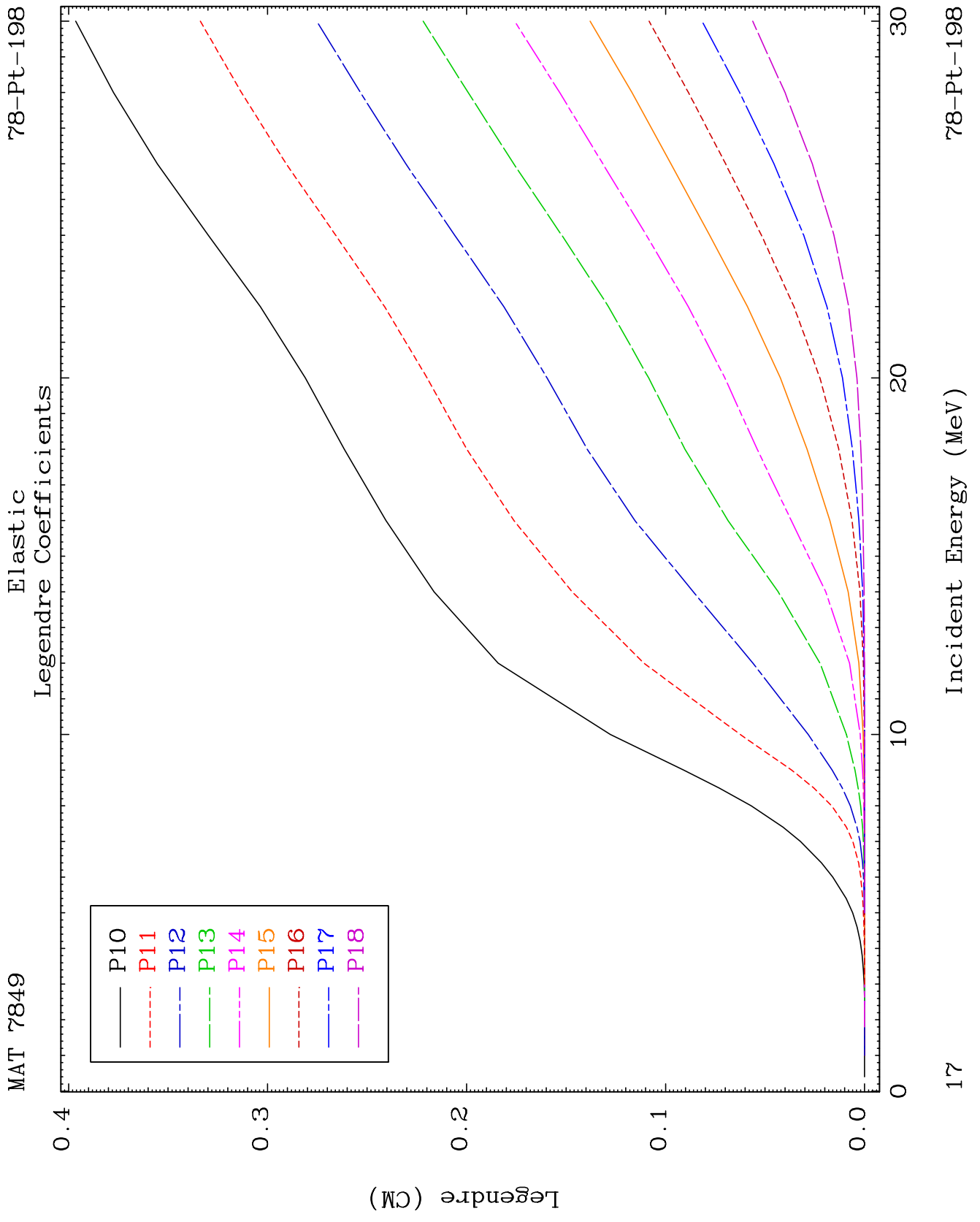
Elastic Legendre Coefficients



78-Pt-198

Incident Energy (MeV)

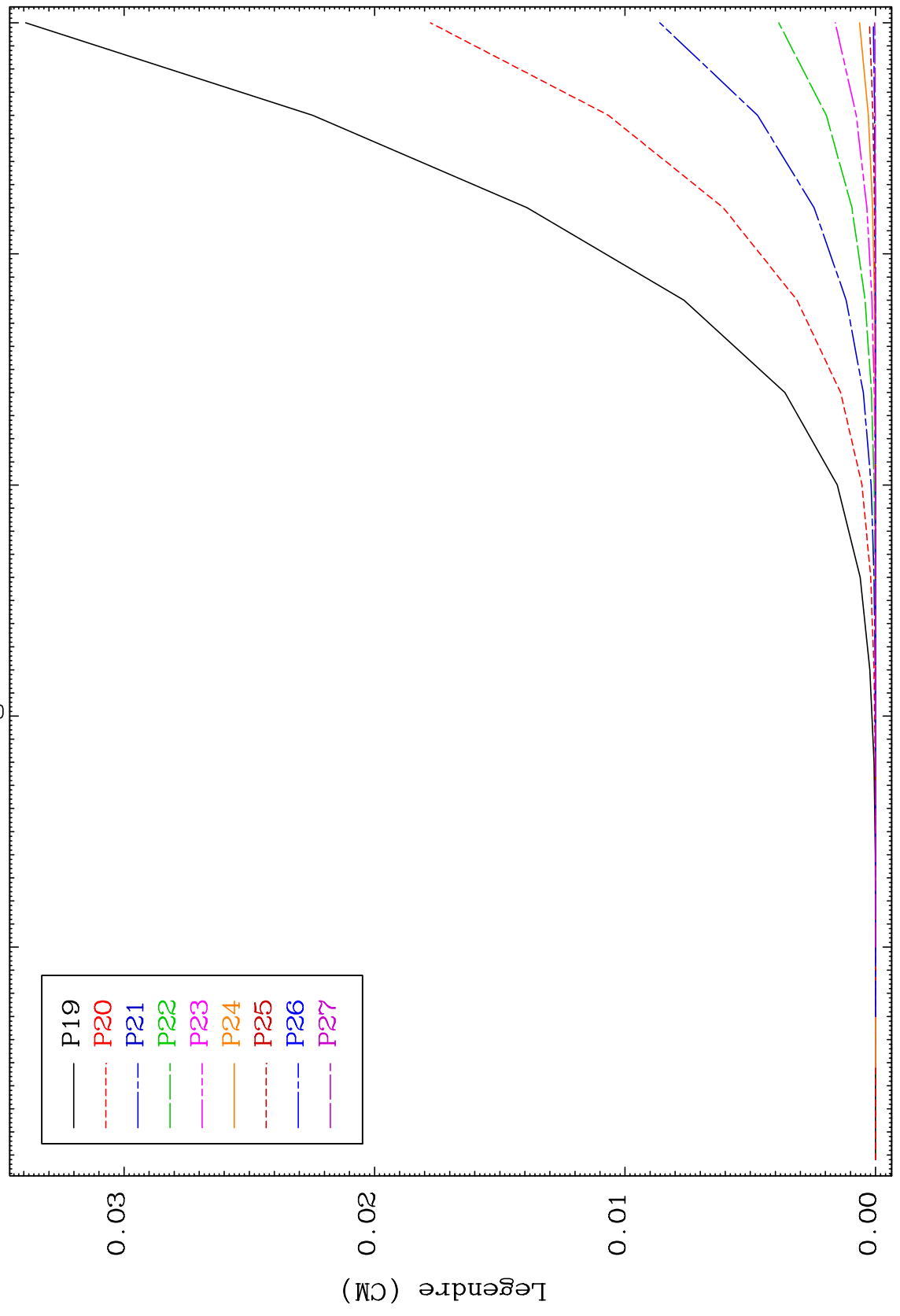
16



MAT 7849

Elastic Legendre Coefficients

78-Pt-198



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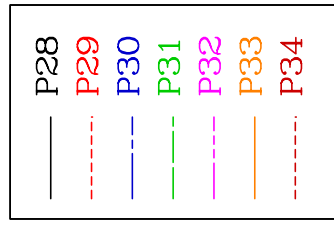
Incident Energy (MeV)

78-Pt-198

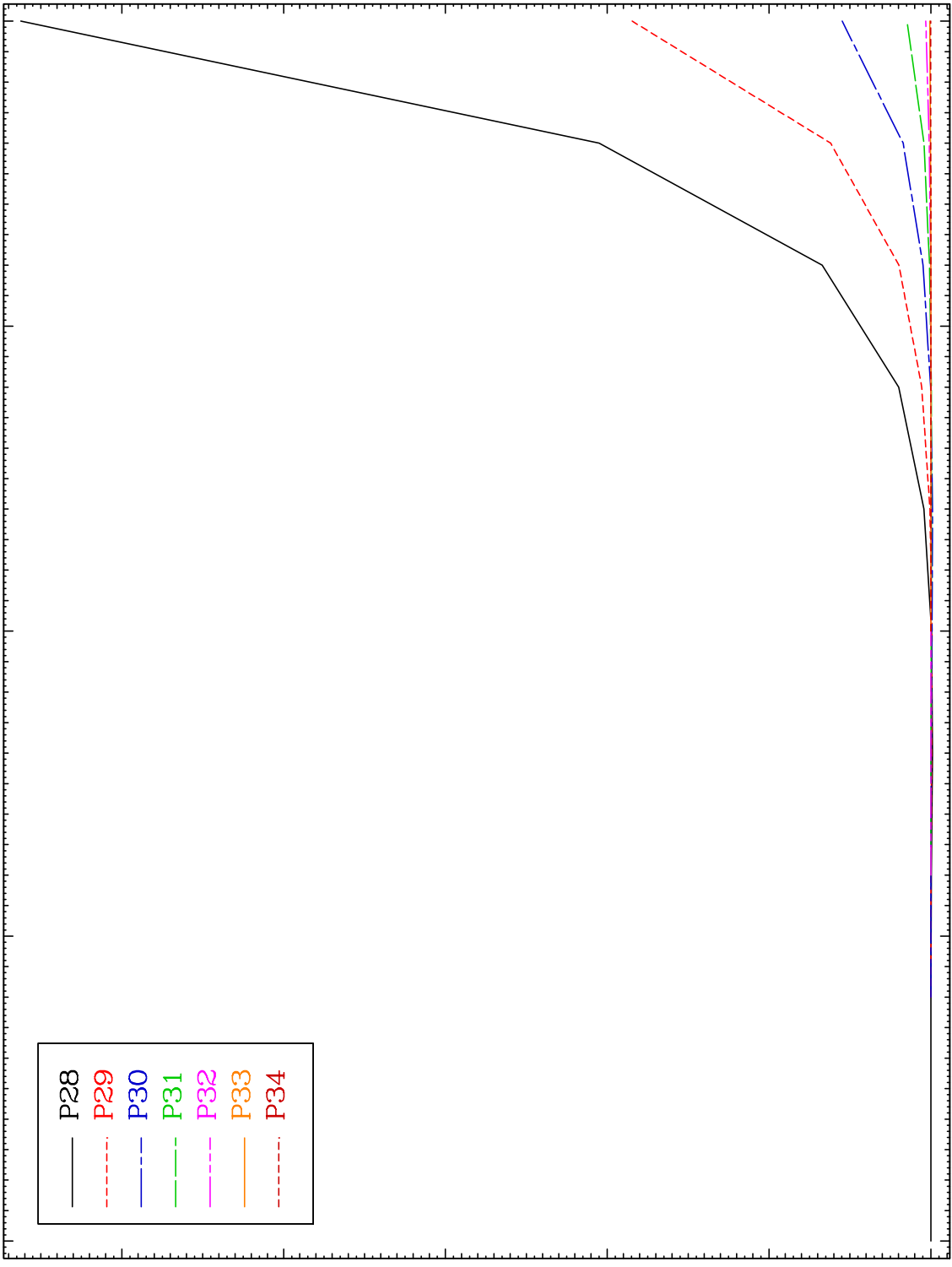
MAT 7849

Elastic Legendre Coefficients

78-Pt-198



$\times 10^{-5}$
1.0
0.8
0.6
0.4
0.2
0.0



19

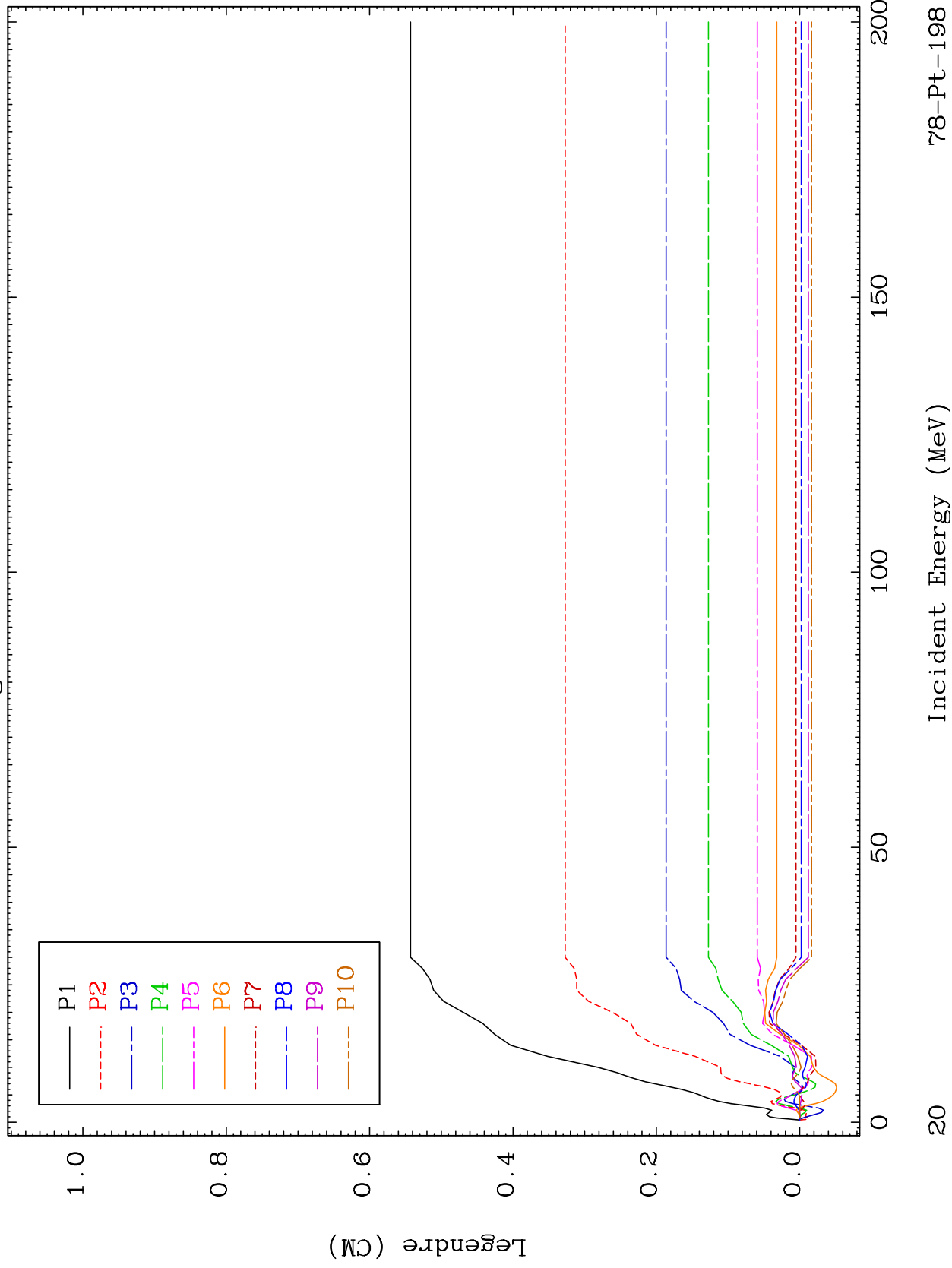
Incident Energy (MeV)

78-Pt-198

MAT 7849

407.2 keV (n,n') Level
Legendre Coefficients

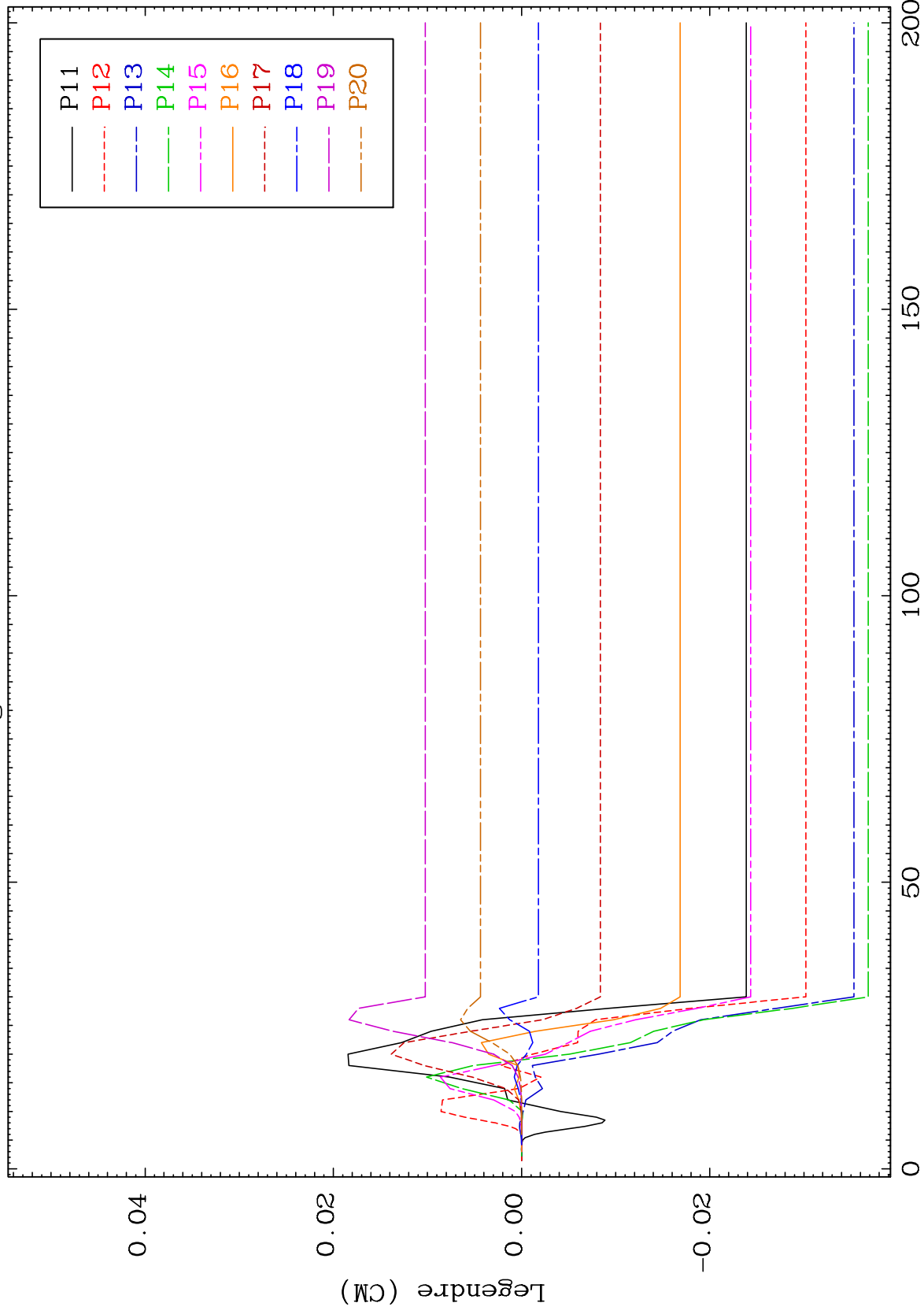
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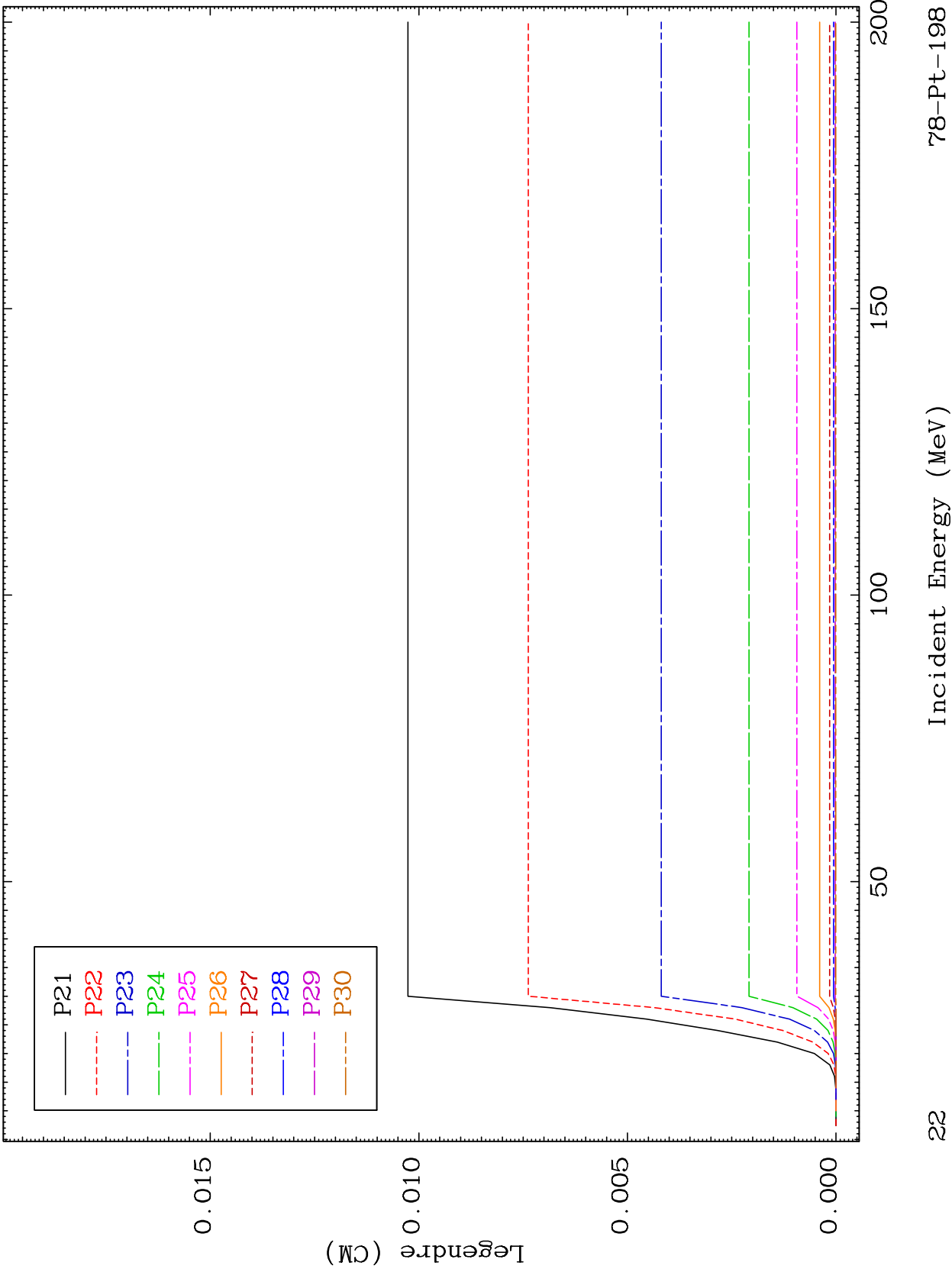


MAT 7849

407.2 keV (n,n') Level
Legendre Coefficients

78-Pt-198

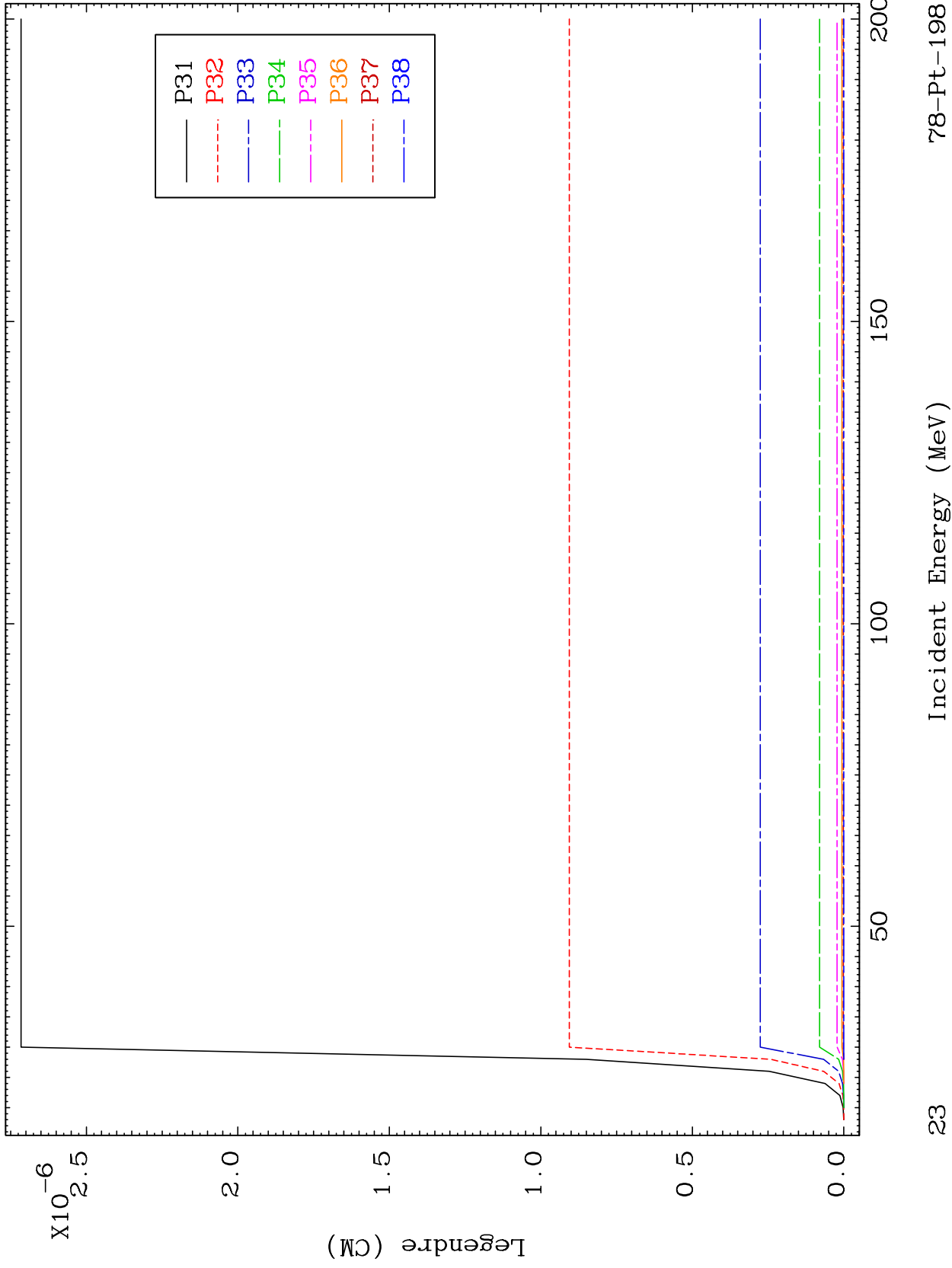




MAT 7849

407.2 keV (n,n') Level
Legendre Coefficients

78-Pt-198

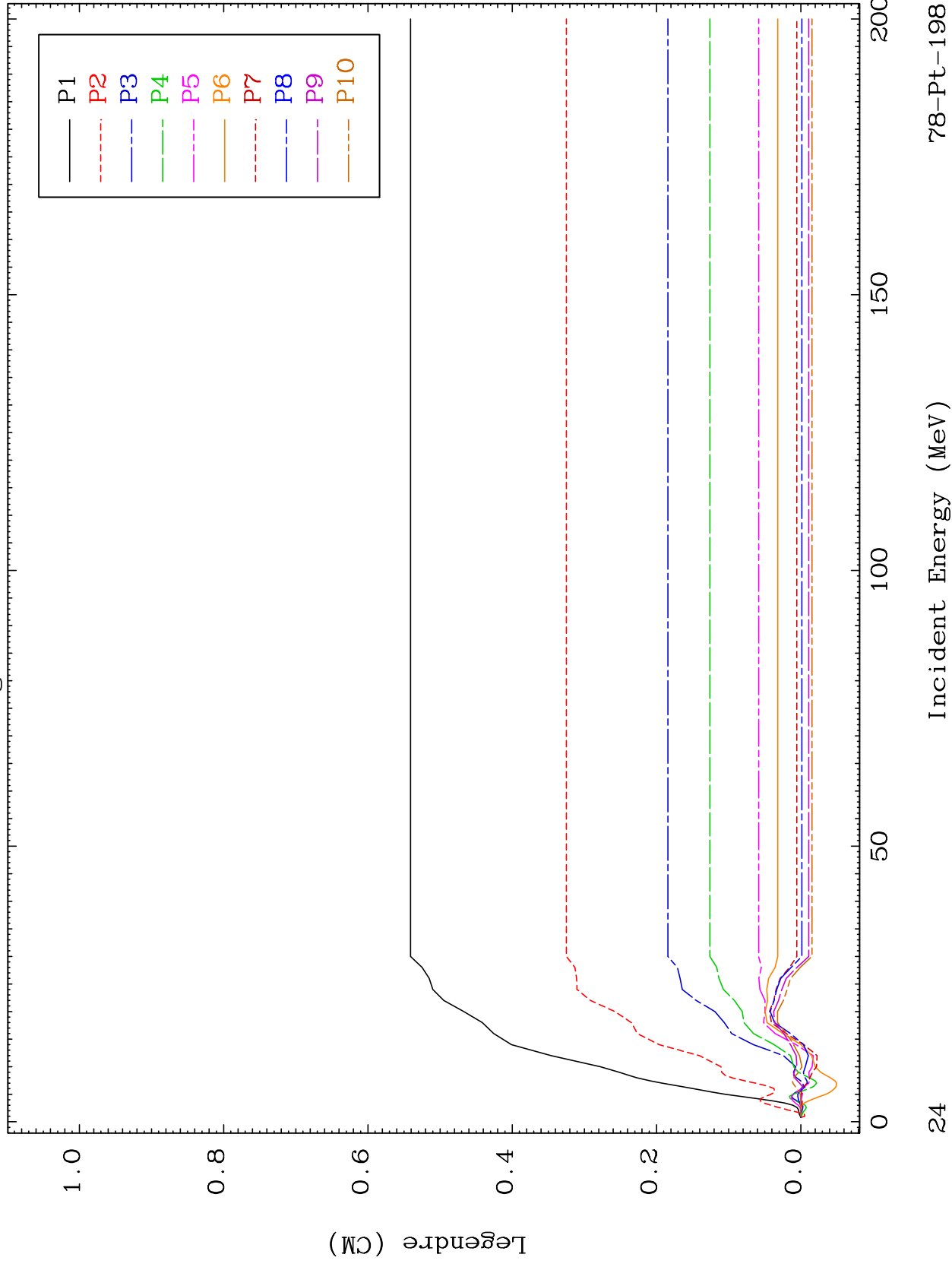


23

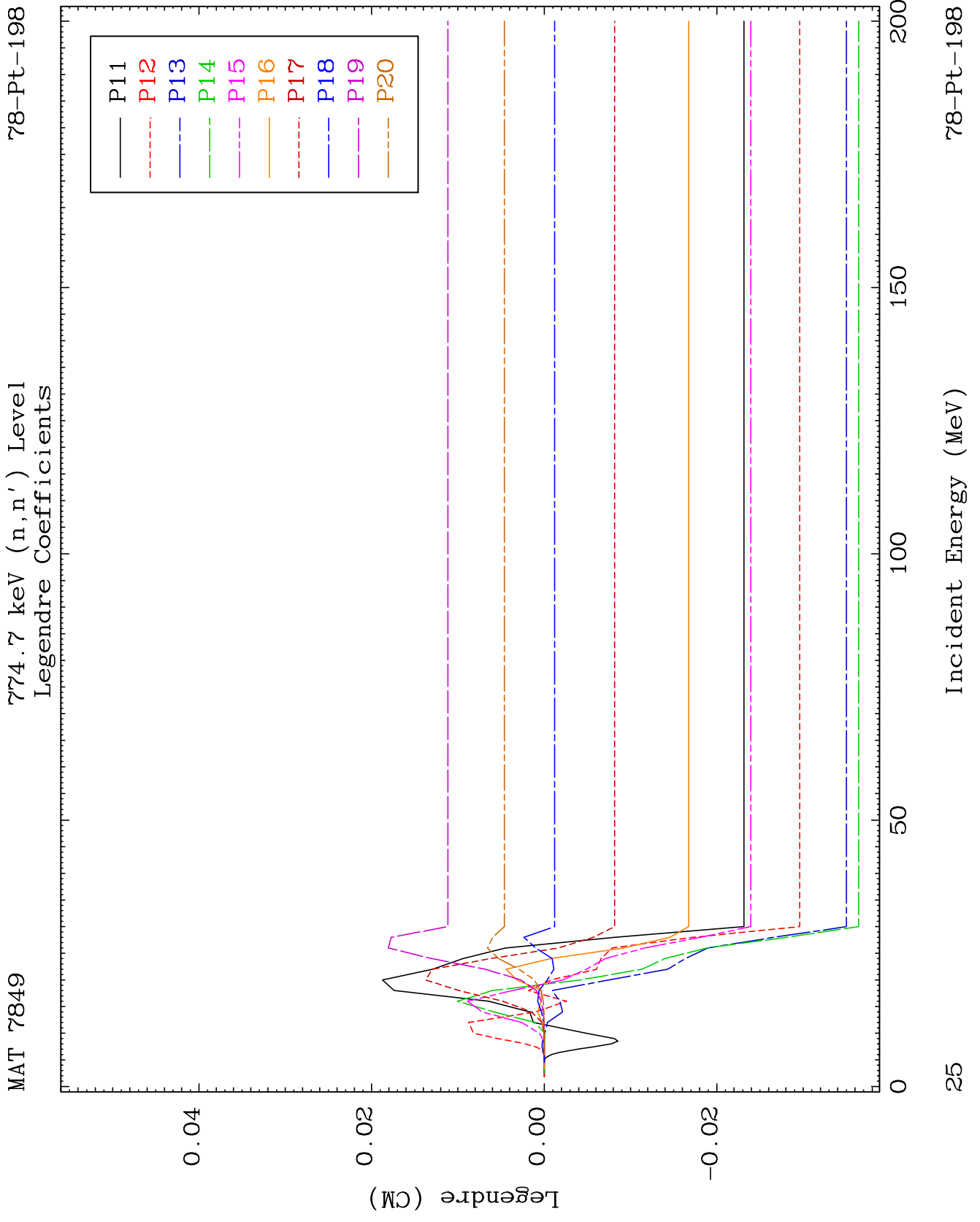
MAT 7849

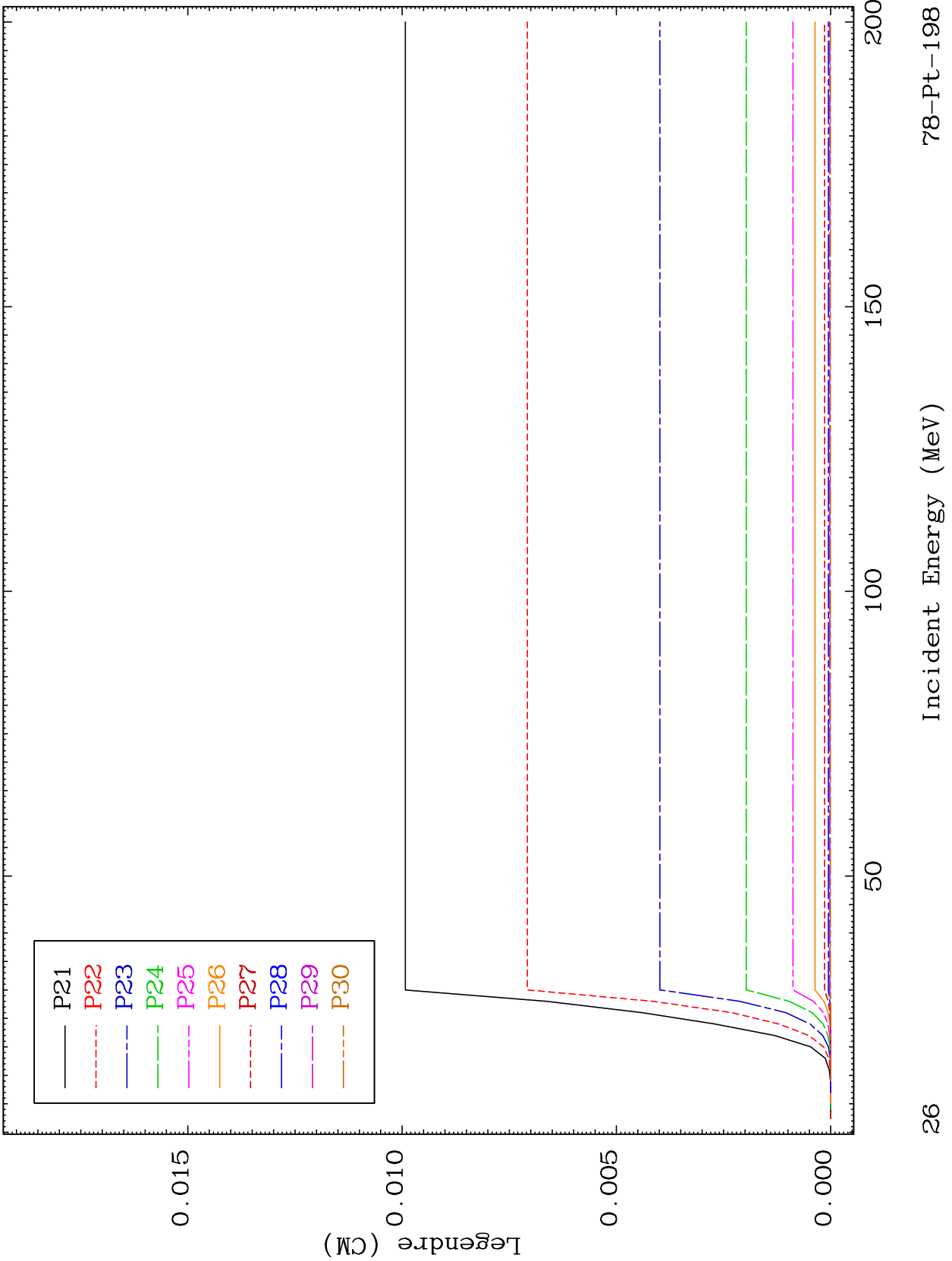
774.7 keV (n,n') Level
Legendre Coefficients

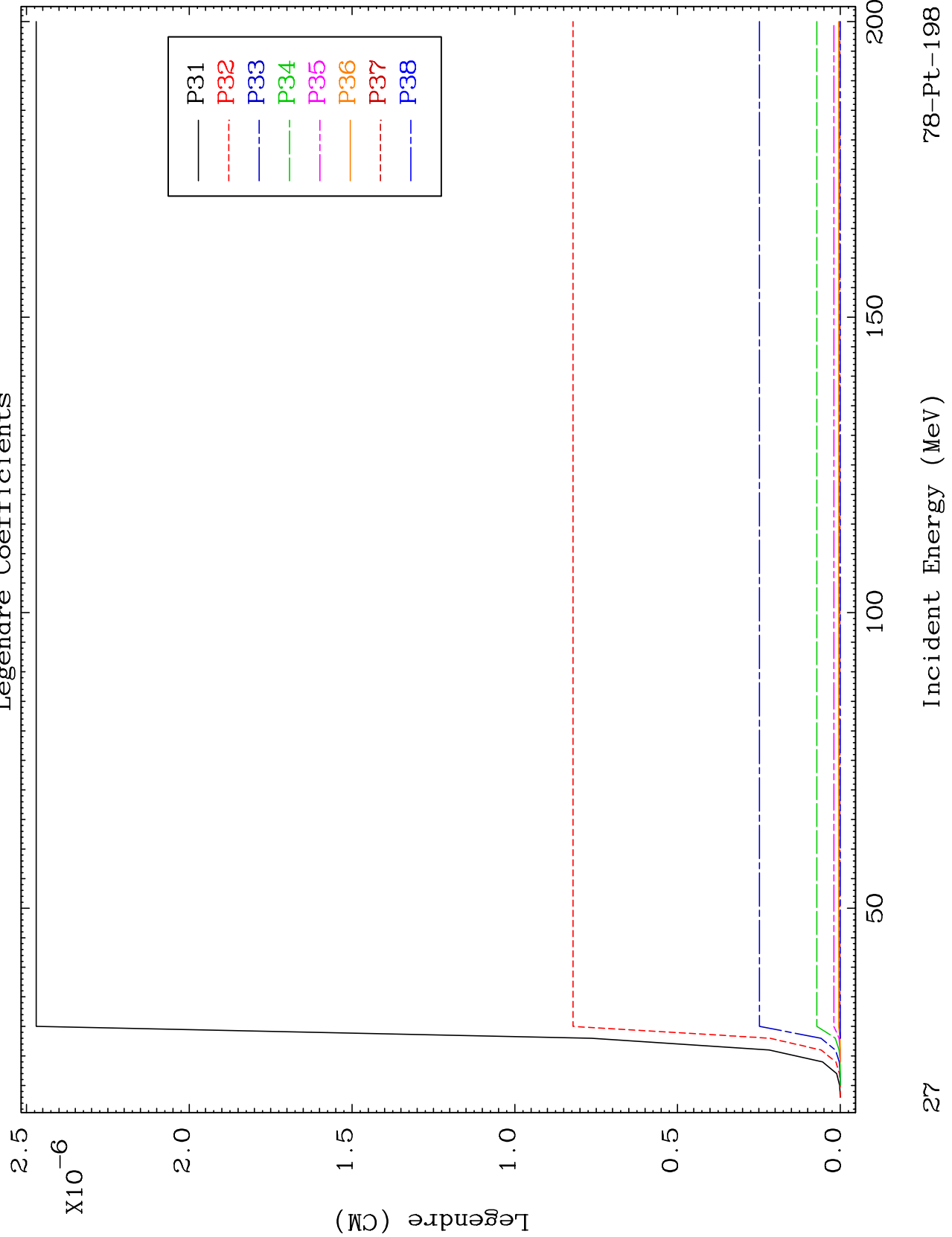
78-Pt-198



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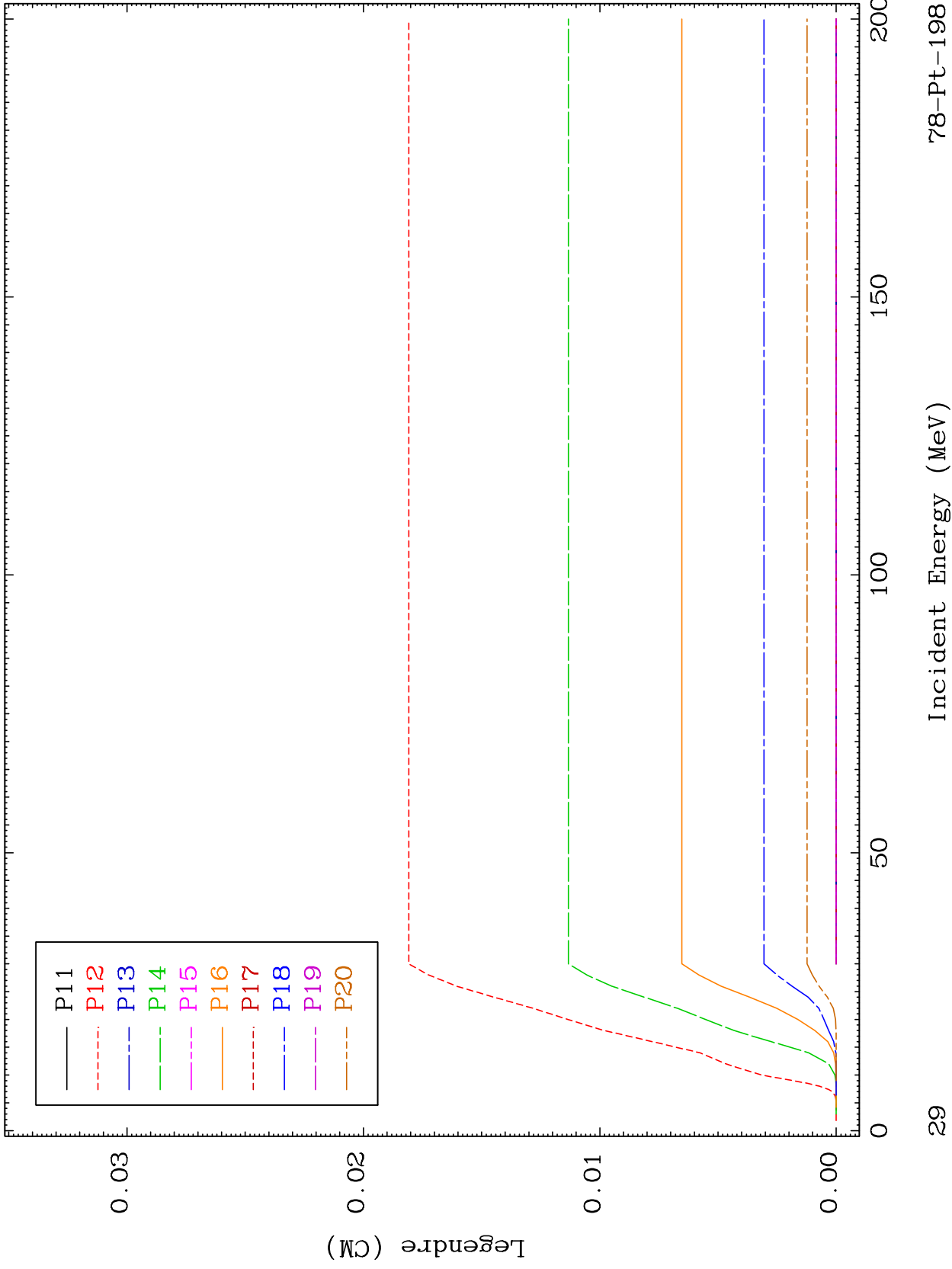


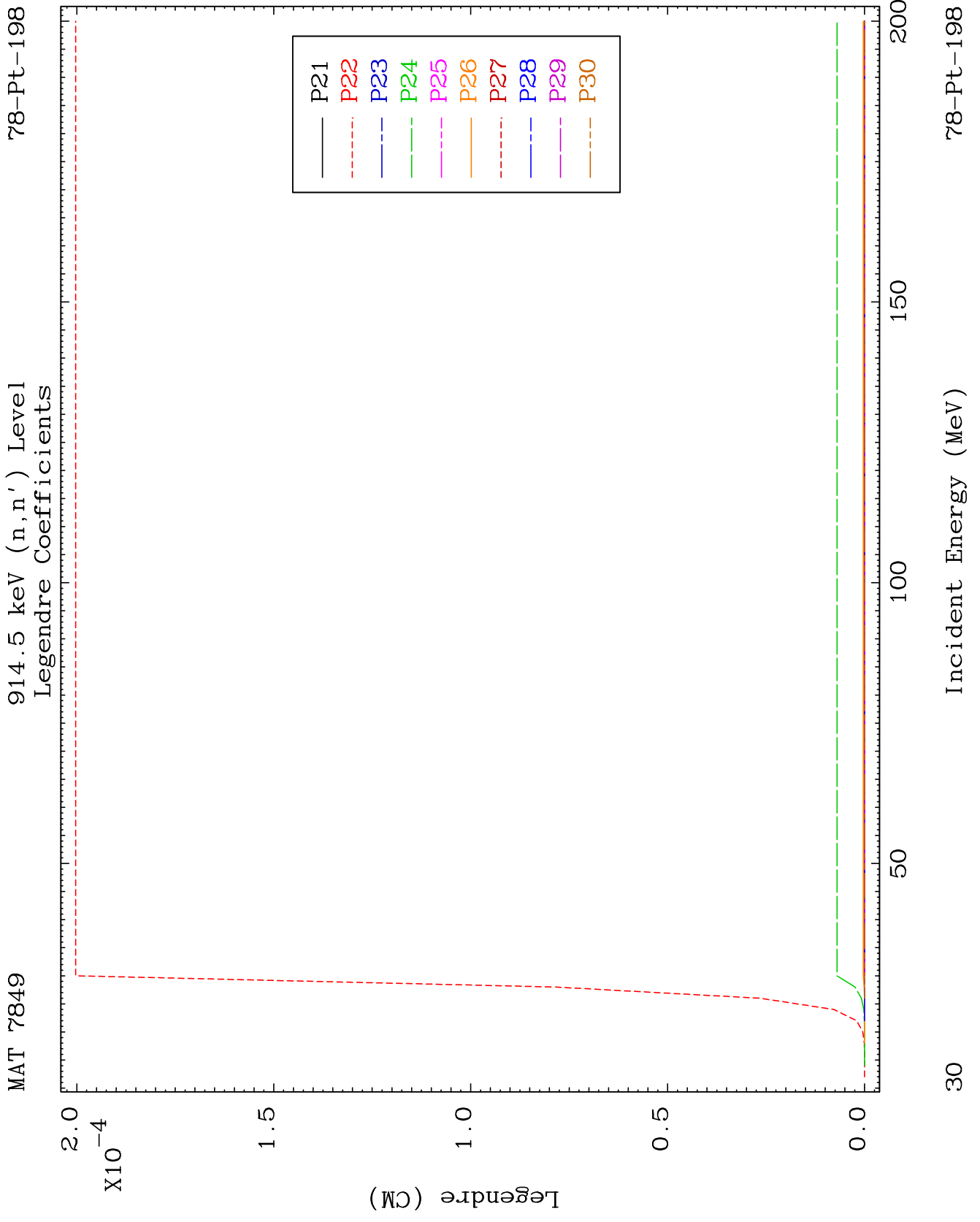


MAT 7849

914.5 keV (n,n') Level
Legendre Coefficients

78-Pt-198

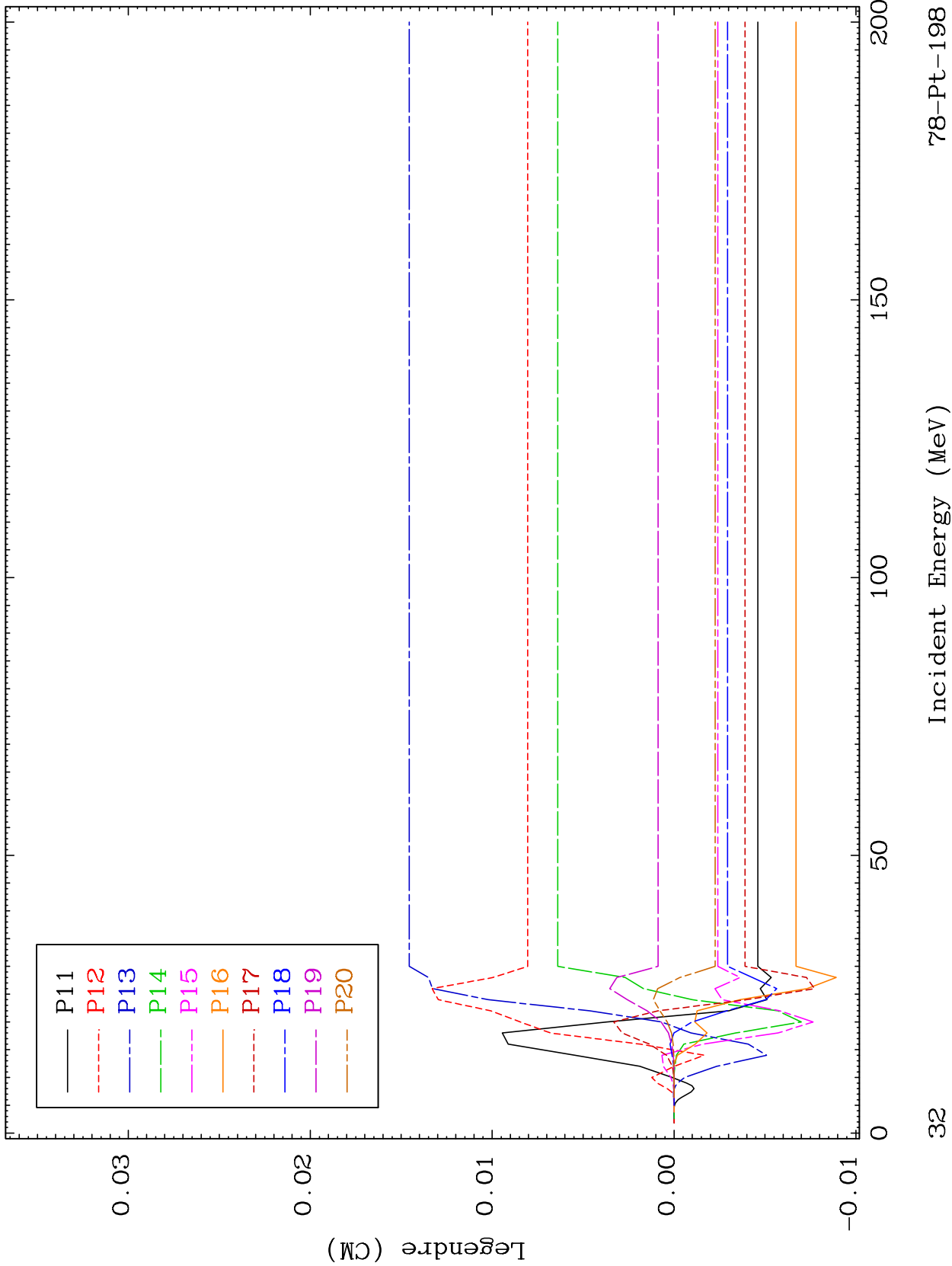




MAT 7849

985.1 keV (n,n') Level
Legendre Coefficients

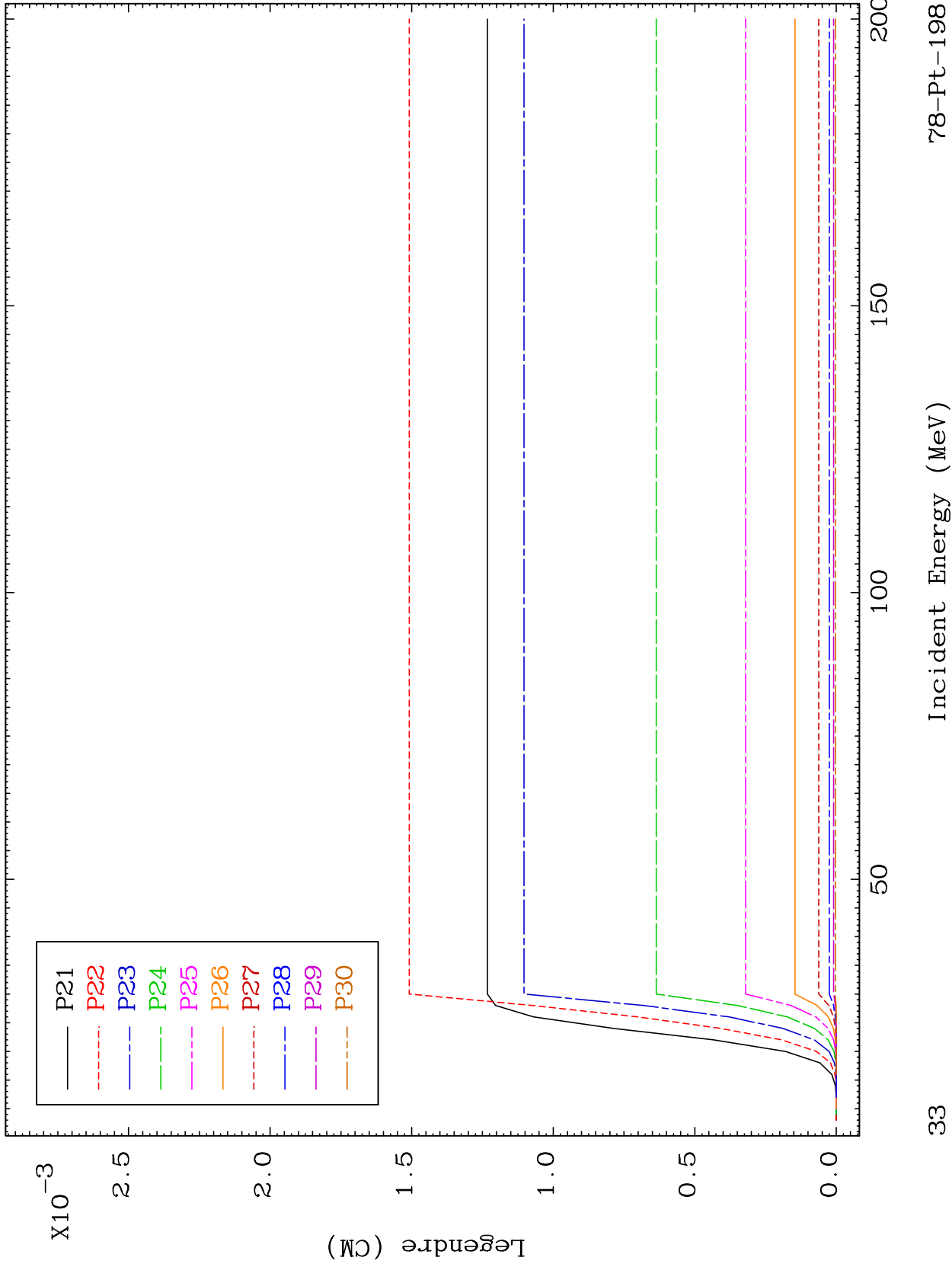
78-Pt-198



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Incident Energy (MeV)

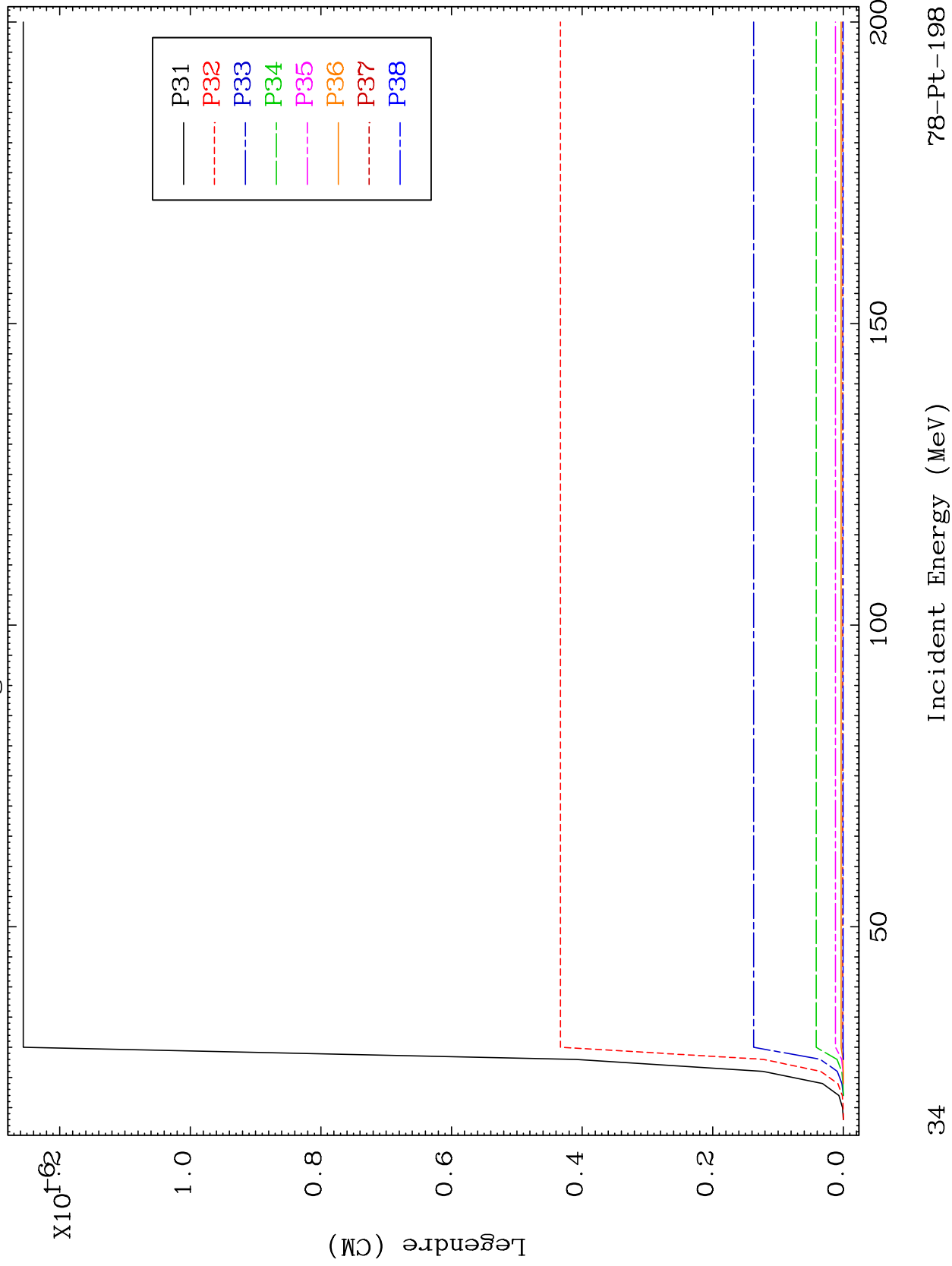
78-Pt-198



MAT 7849

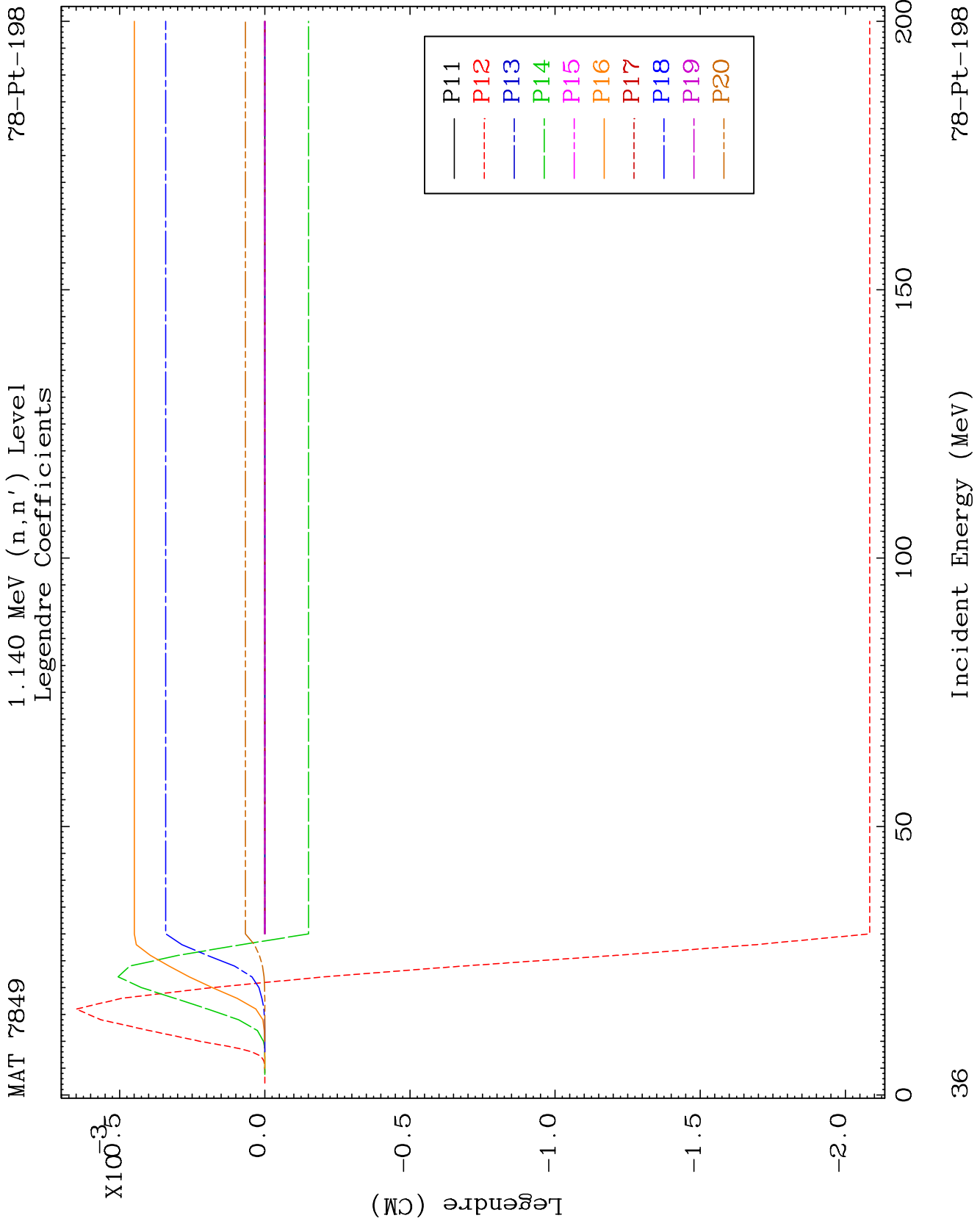
985.1 keV (n,n') Level
Legendre Coefficients

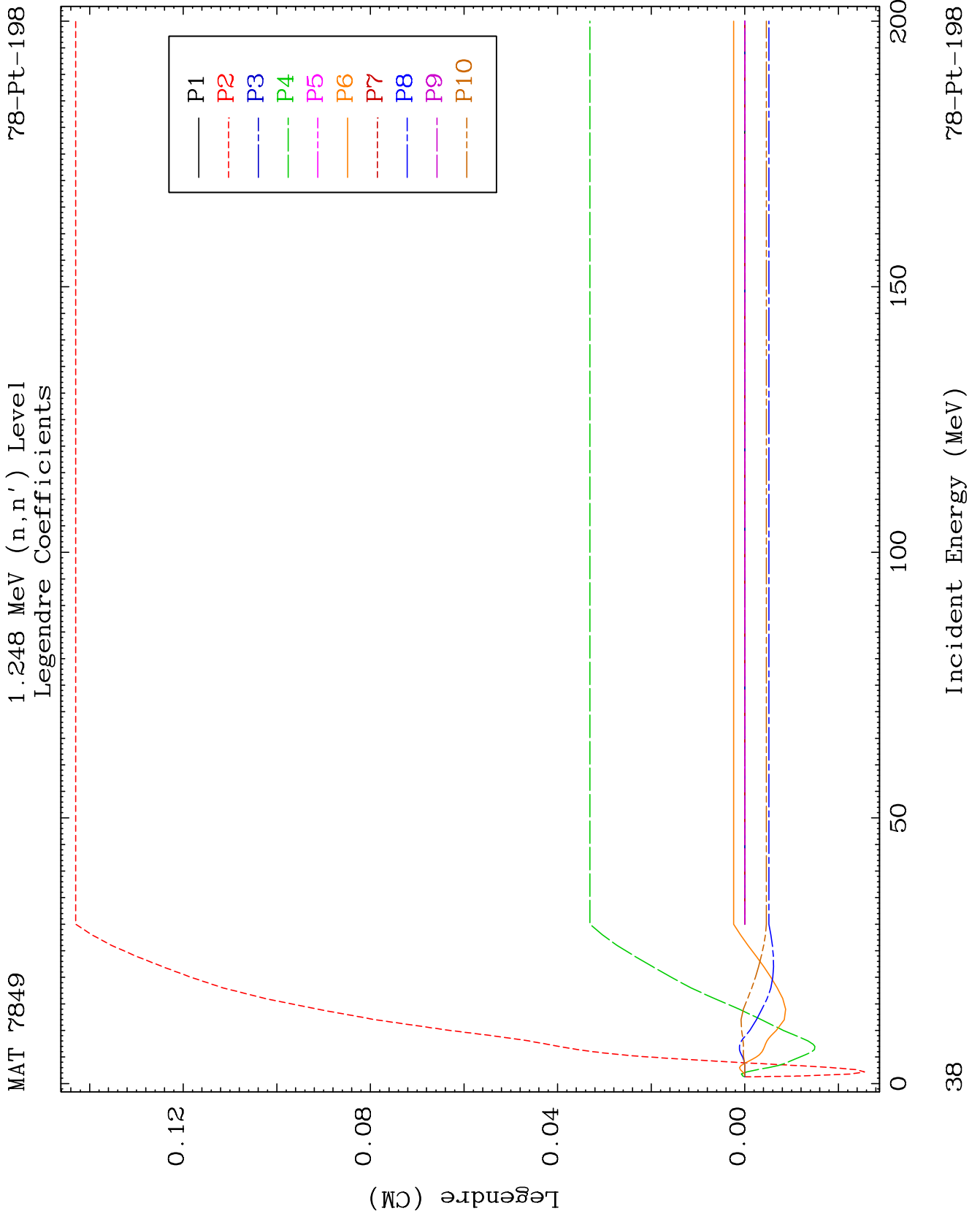
78-Pt-198



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78-Pt-198

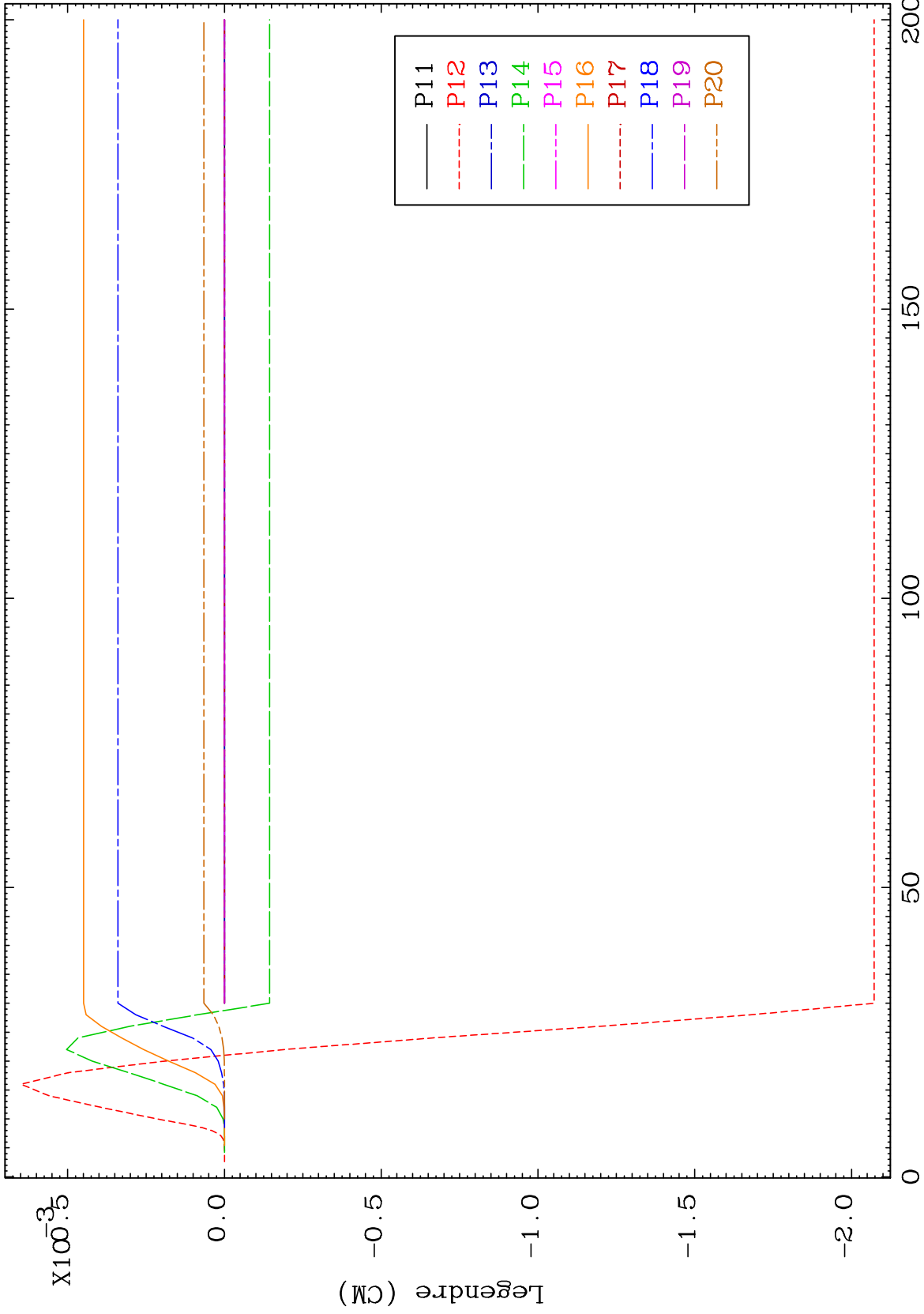




MAT 7849

1.248 MeV (n,n') Level
Legendre Coefficients

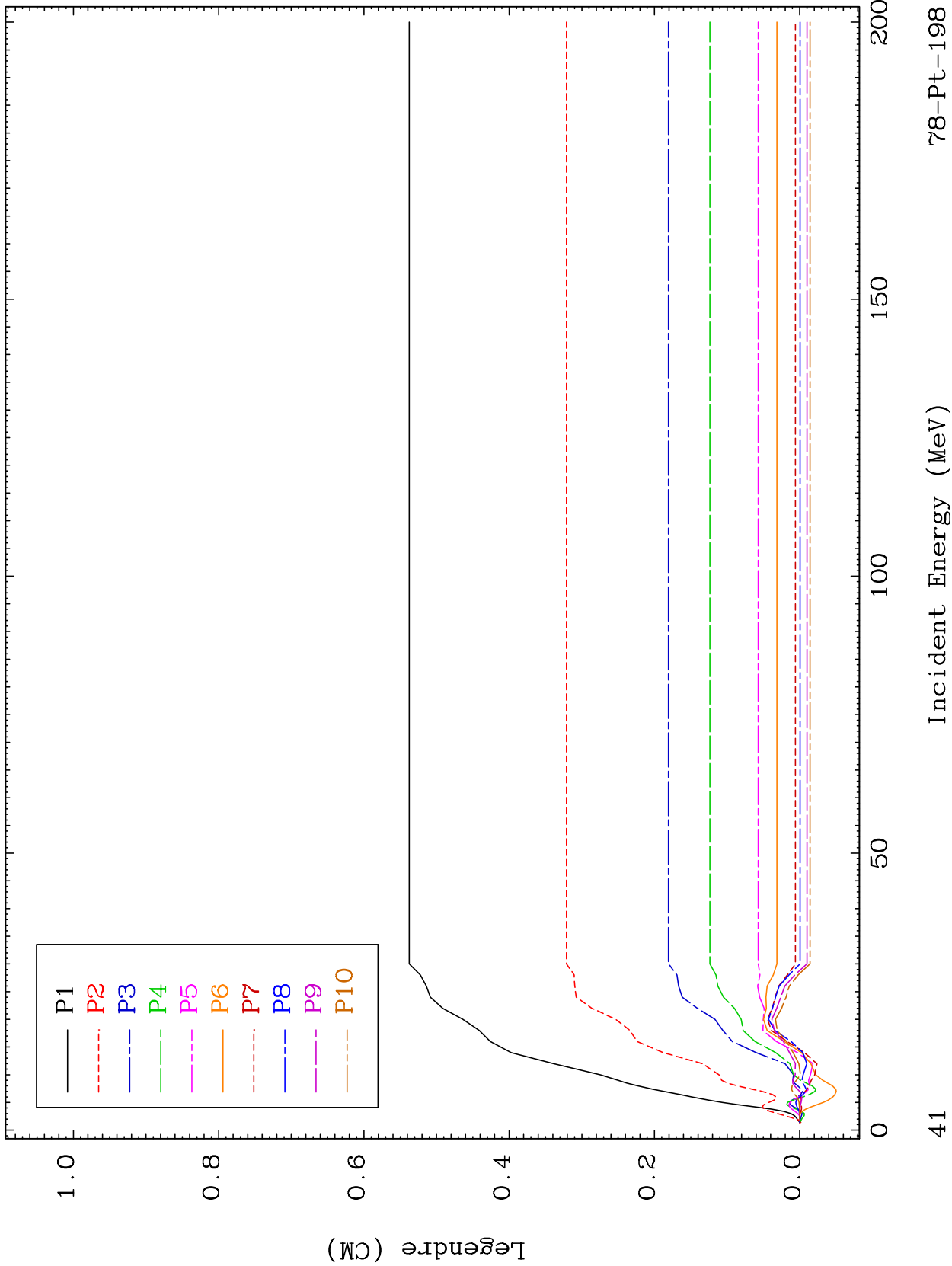
78-Pt-198



39

Incident Energy (MeV)

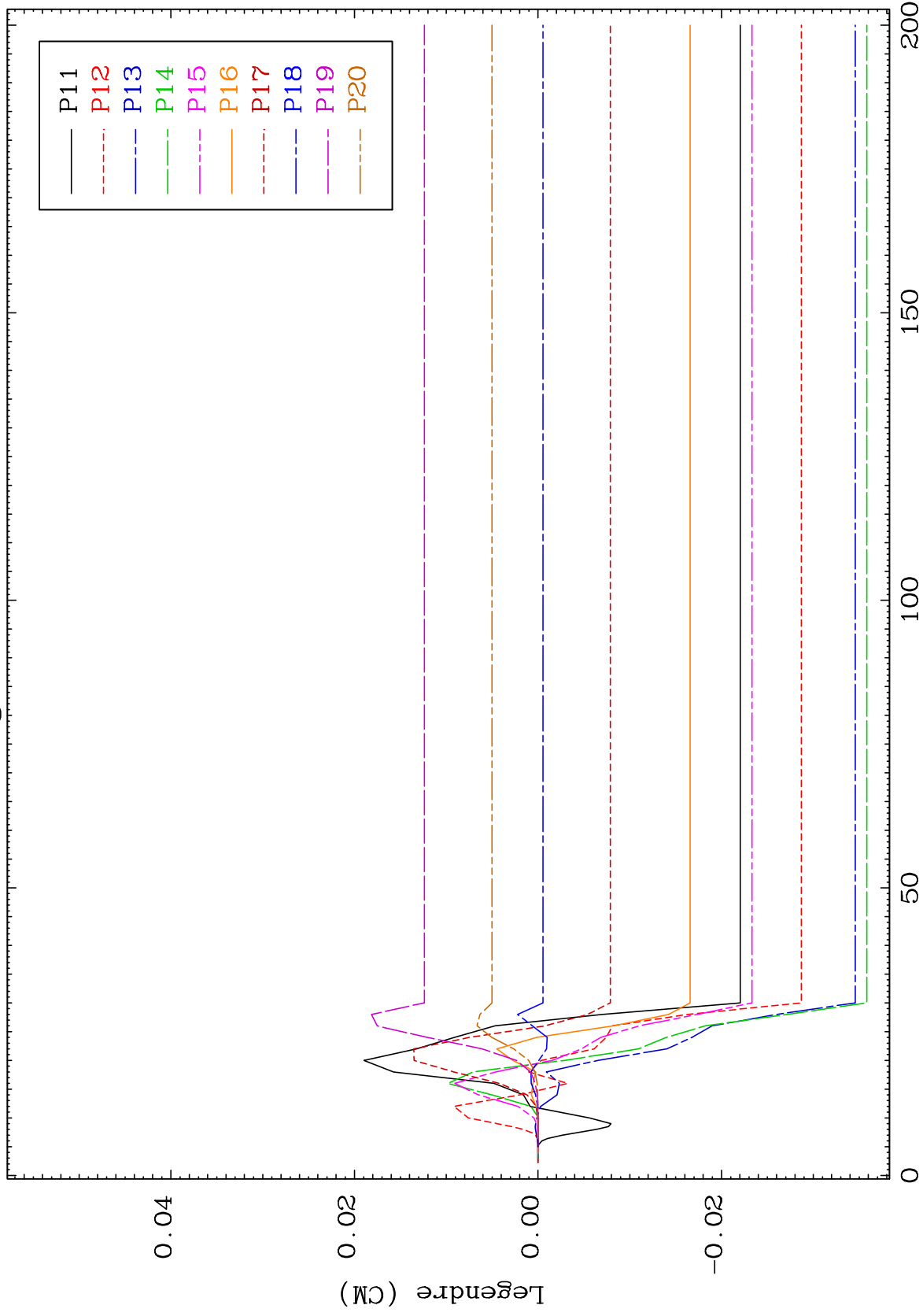
78-Pt-198



MAT 7849

1.279 MeV (n,n') Level
Legendre Coefficients

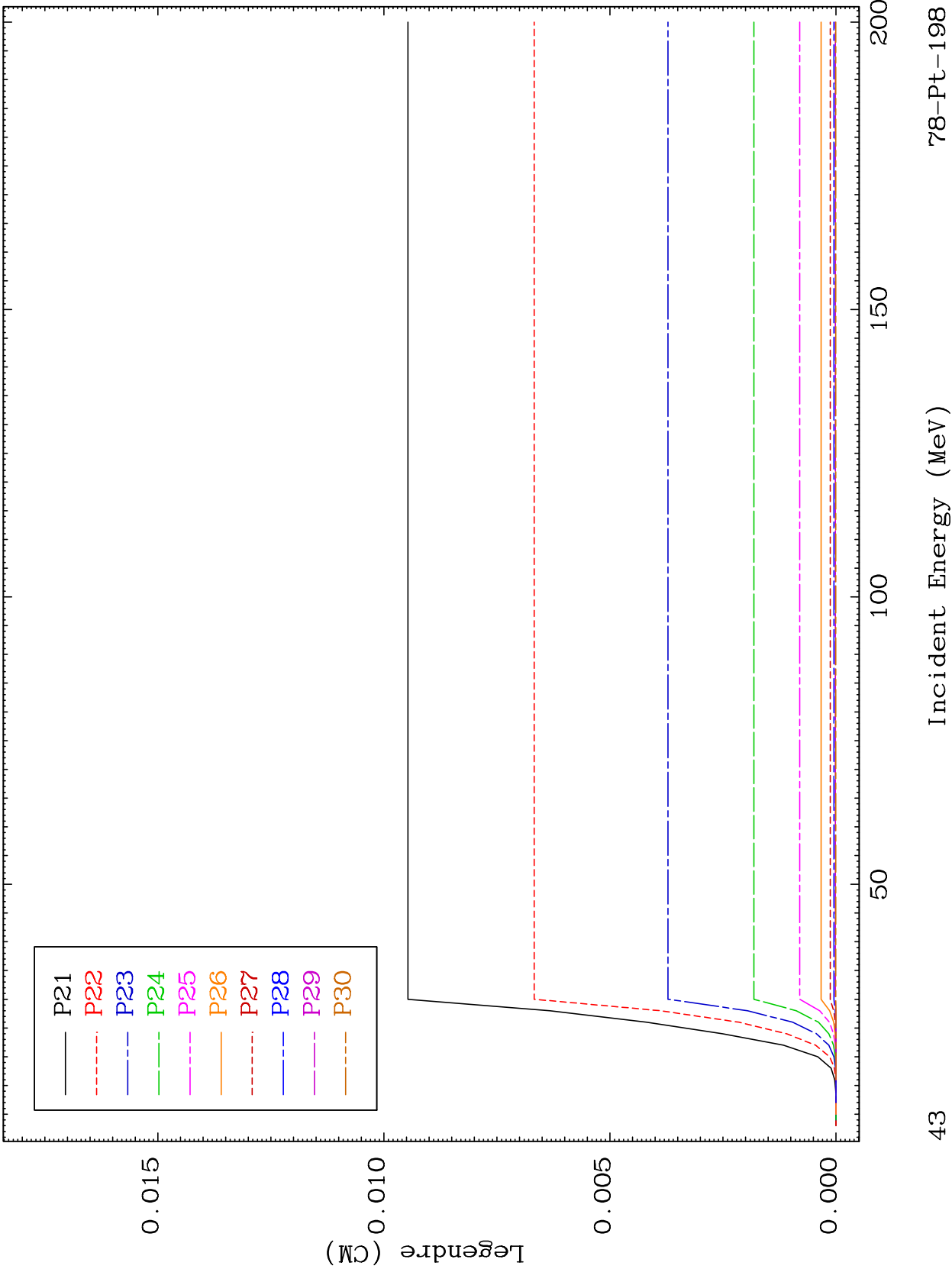
78-Pt-198



42

Incident Energy (MeV)

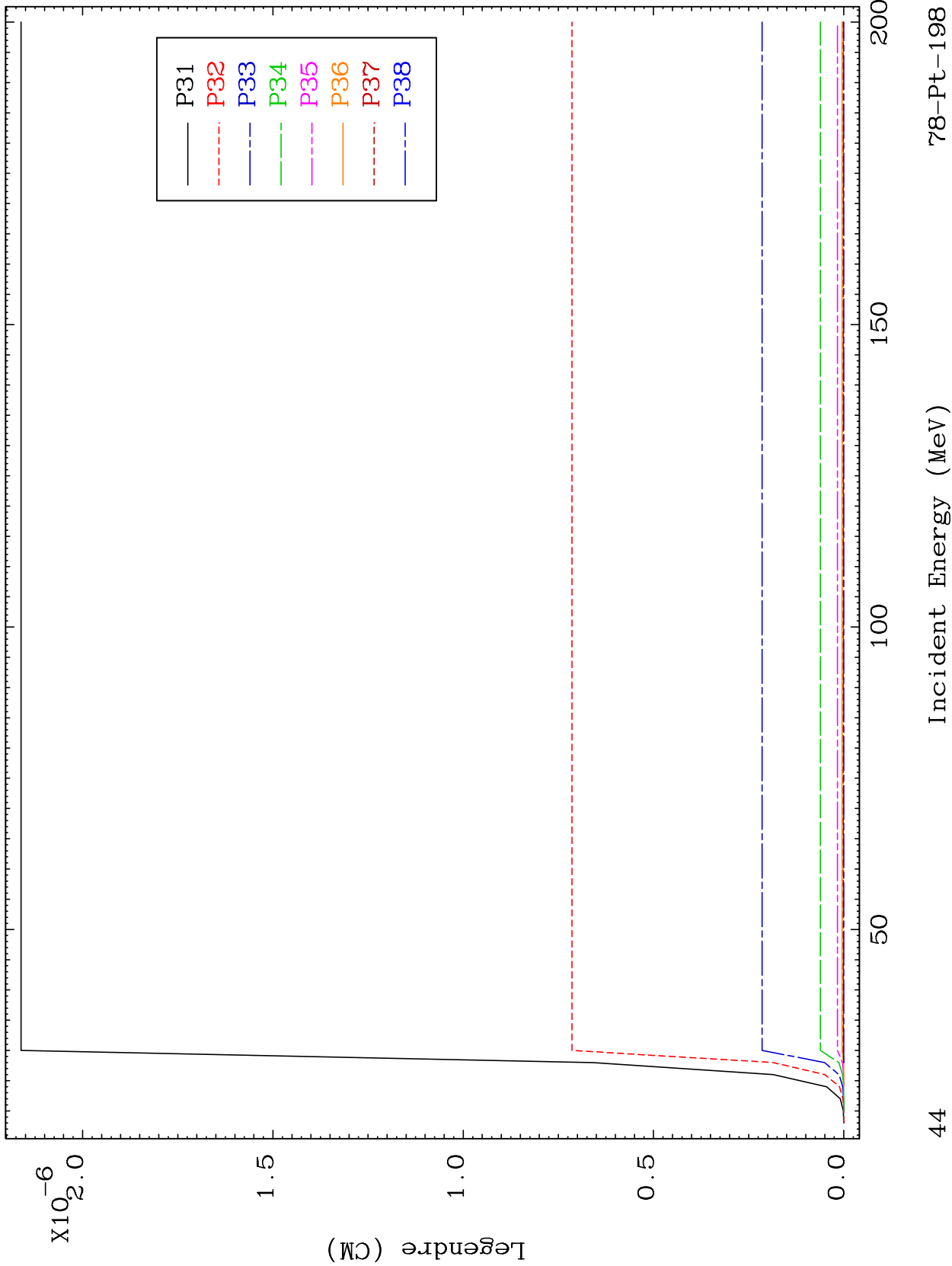
78-Pt-198



MAT 7849

1.279 MeV (n, n') Level
Legendre Coefficients

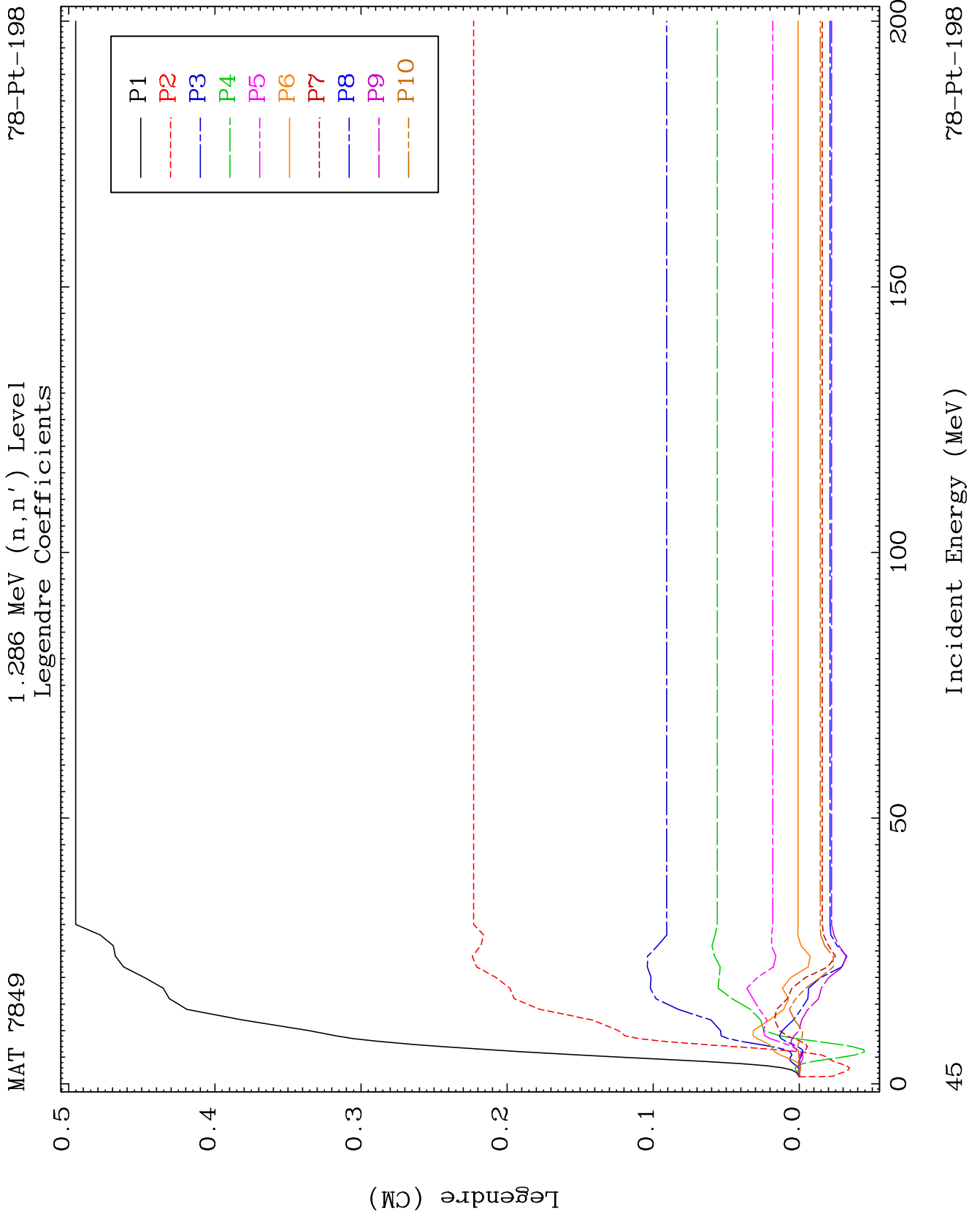
78-Pt-198



44

Incident Energy (MeV)

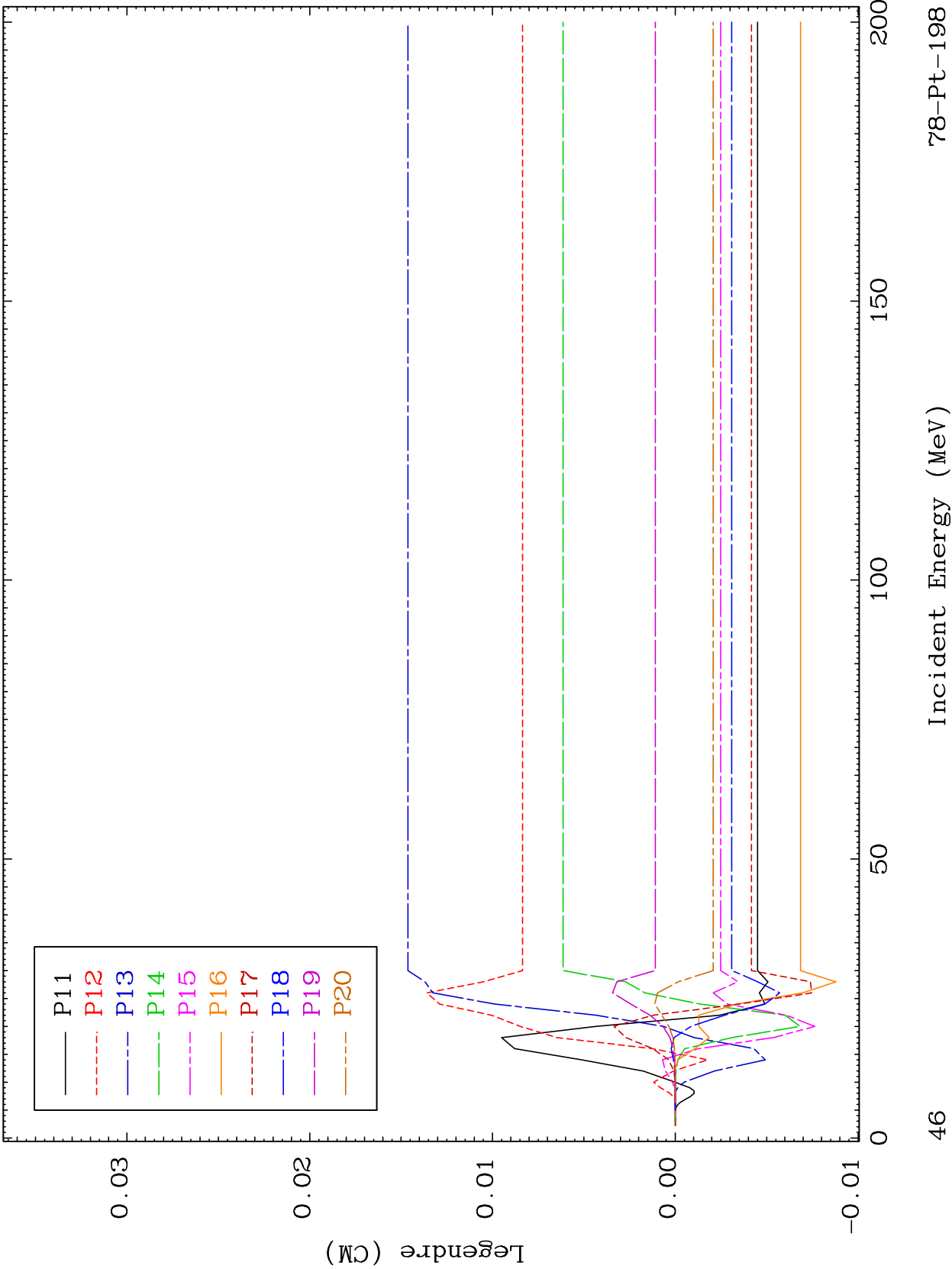
78-Pt-198



MAT 7849

1.286 MeV (n,n') Level
Legendre Coefficients

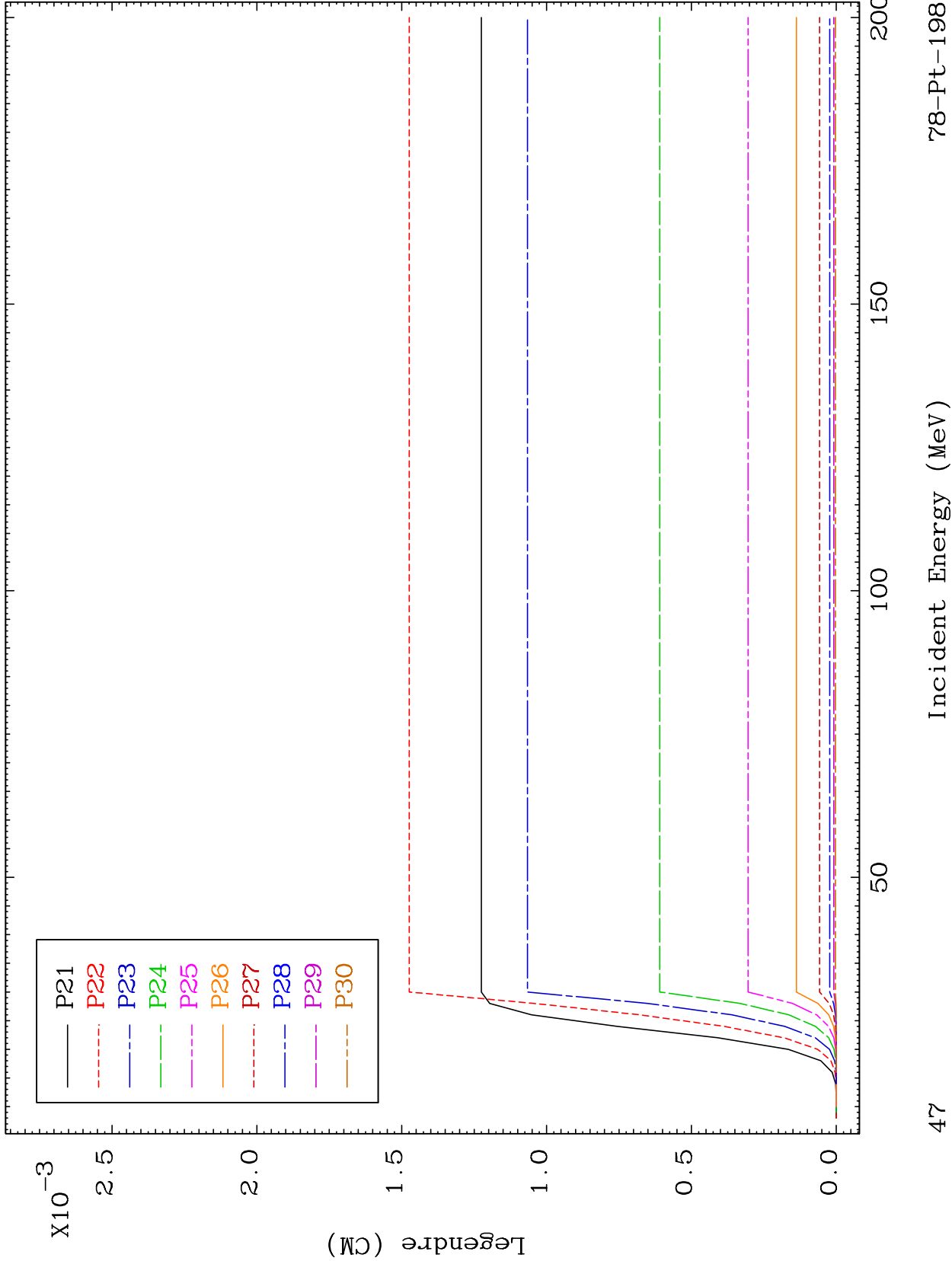
78-Pt-198



46

Incident Energy (MeV)

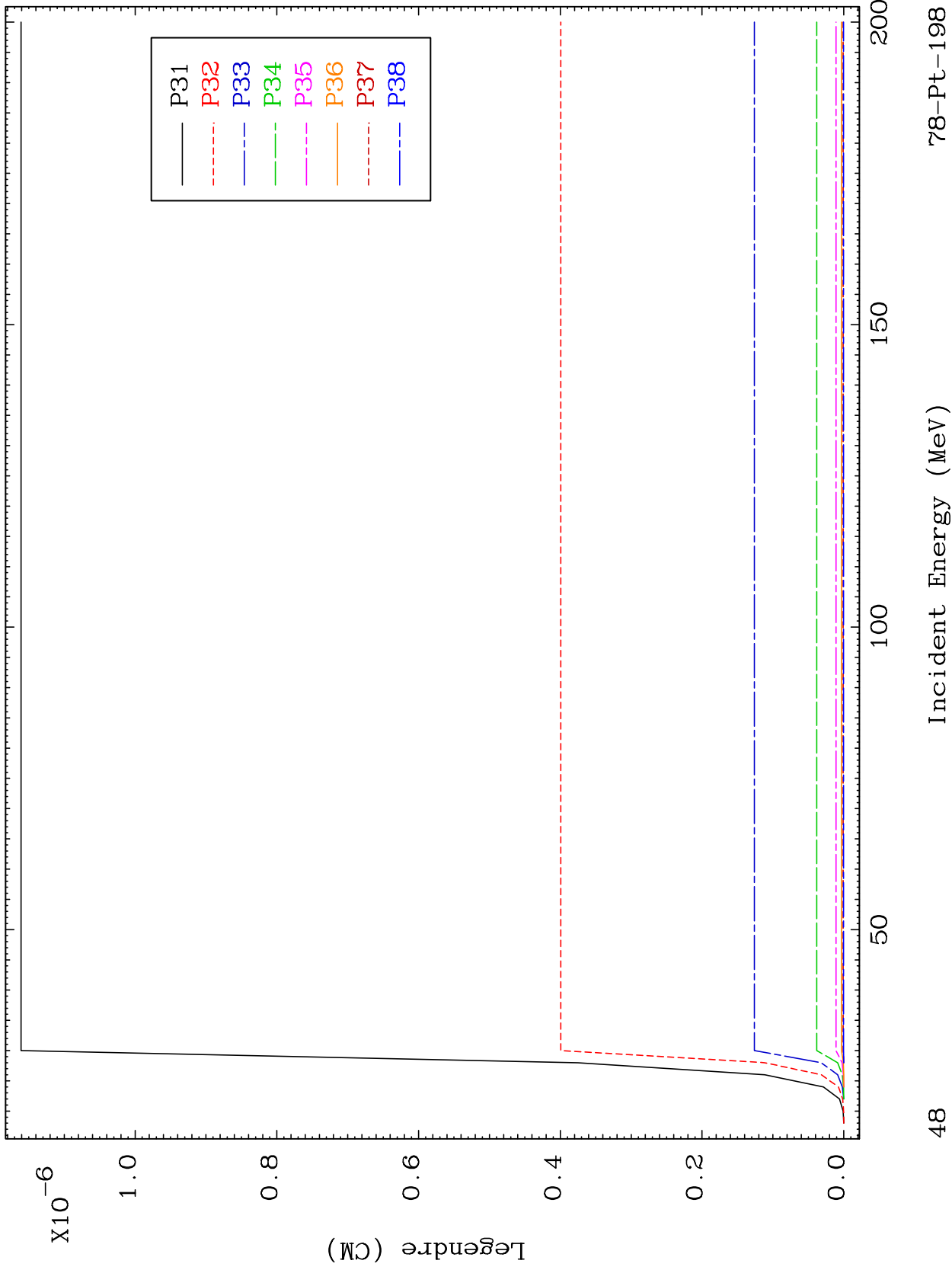
78-Pt-198



MAT 7849

1.286 MeV (n,n') Level
Legendre Coefficients

78-Pt-198



48

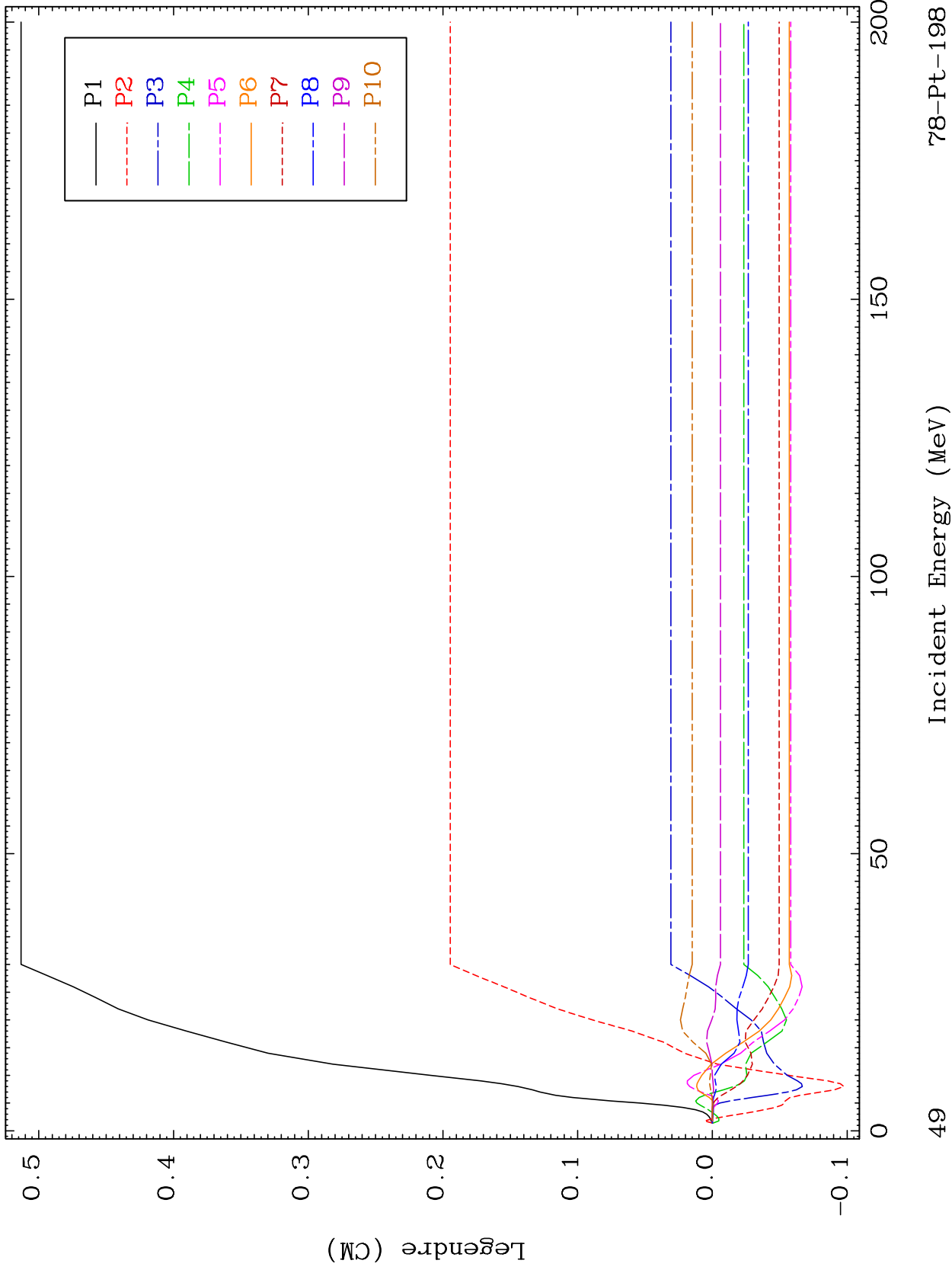
Incident Energy (MeV)

78-Pt-198

MAT 7849

1.367 MeV (n,n') Level
Legendre Coefficients

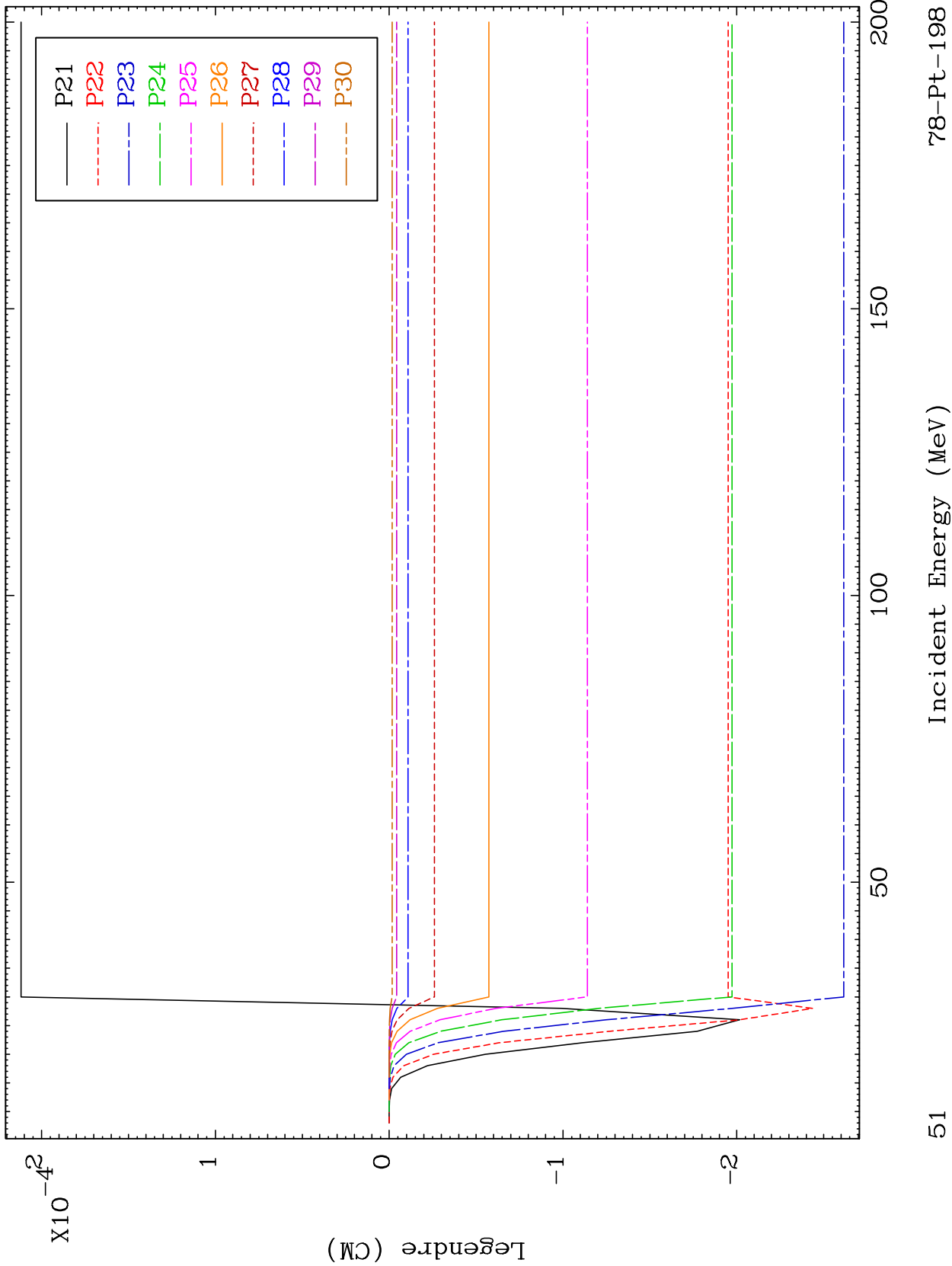
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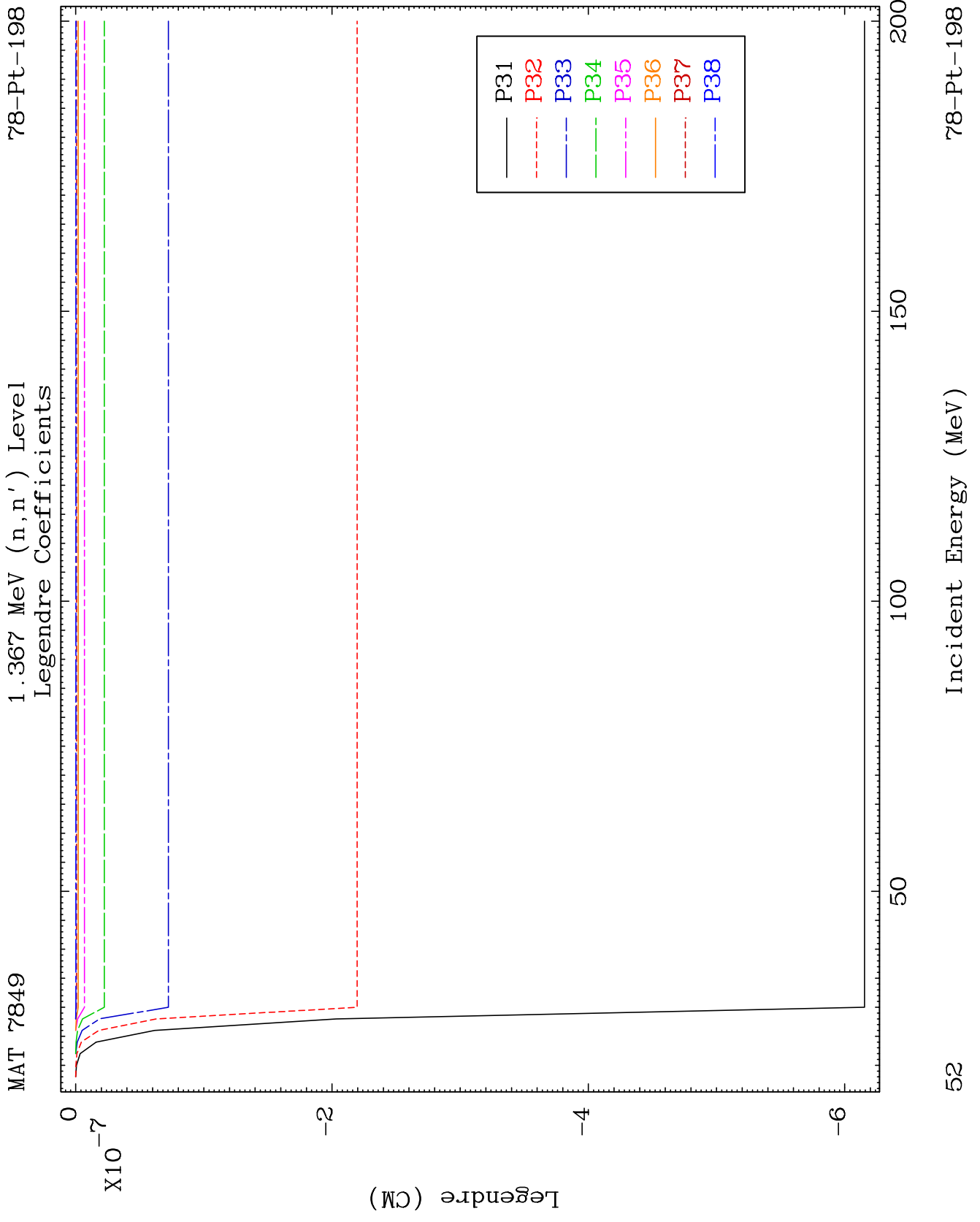


78-Pt-198

Incident Energy (MeV)

49

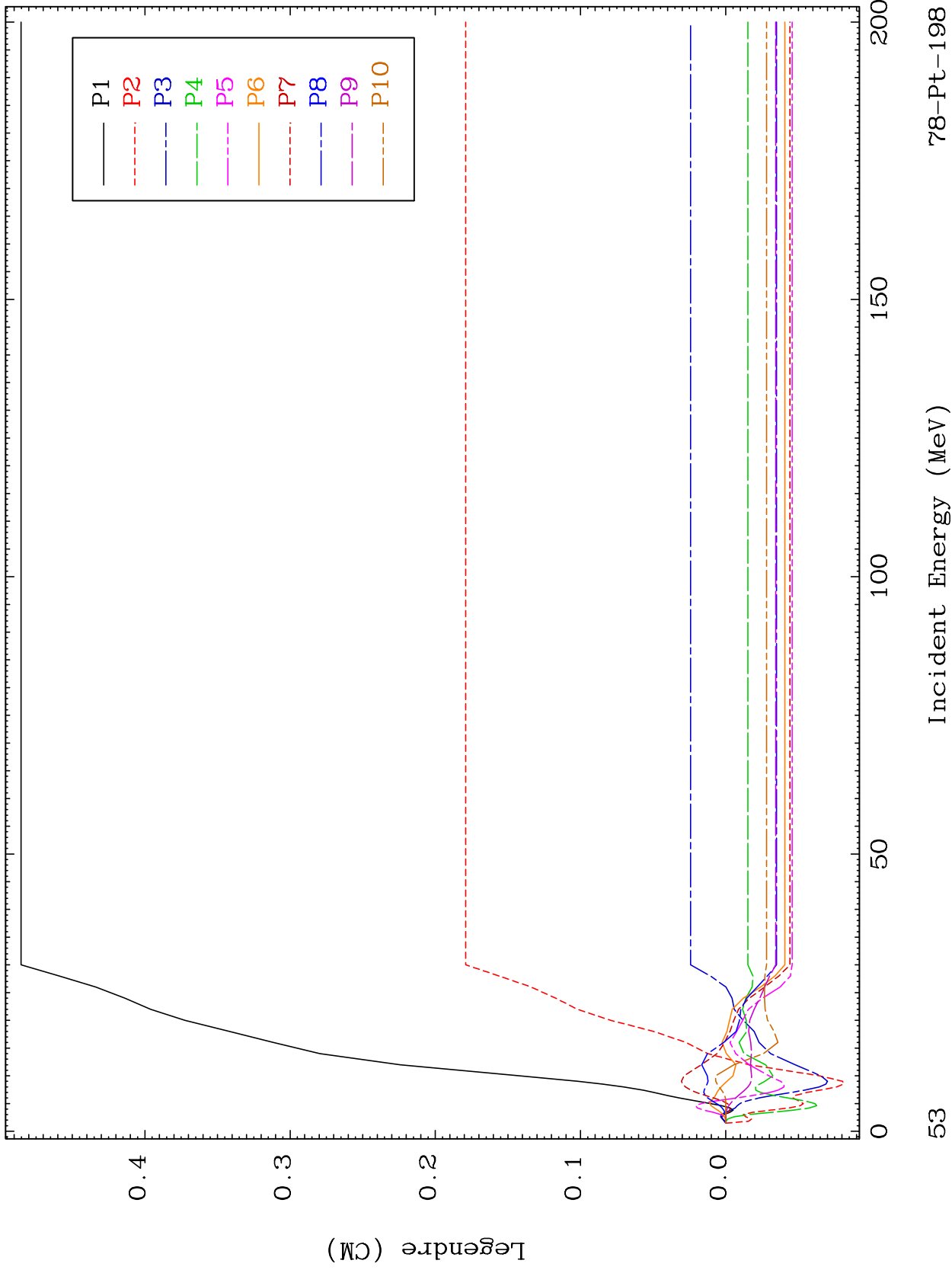




MAT 7849

1.445 MeV (n,n') Level
Legendre Coefficients

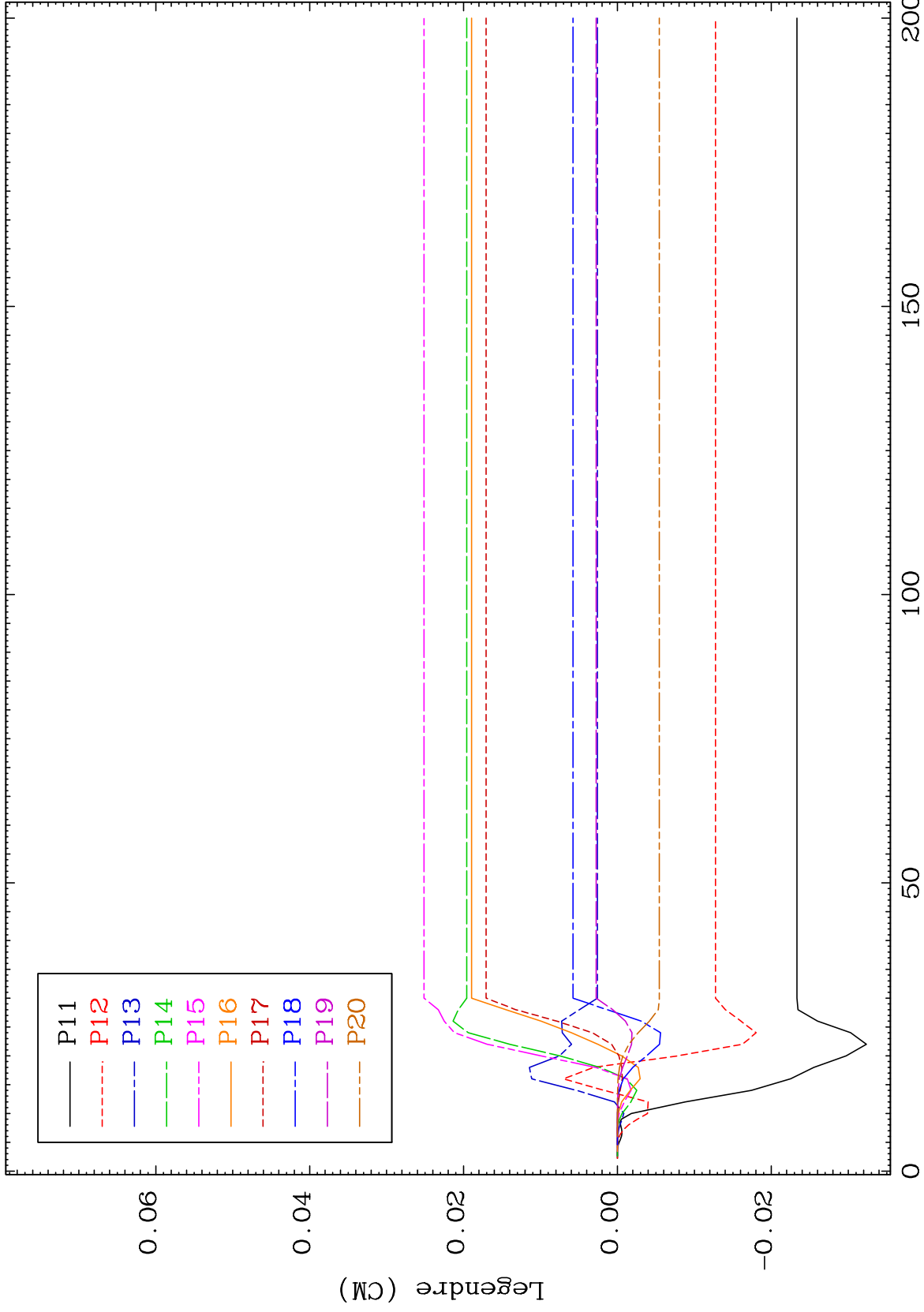
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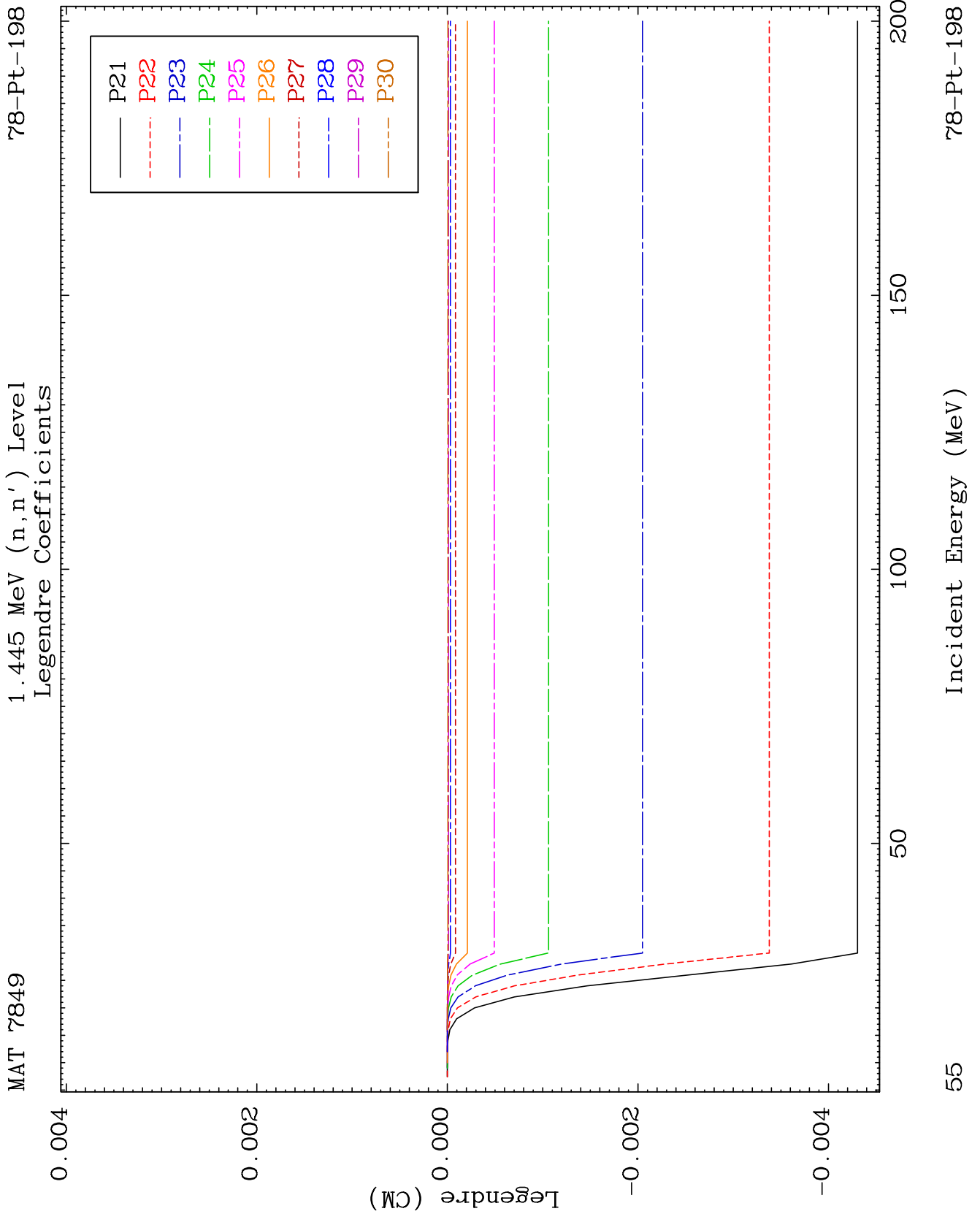


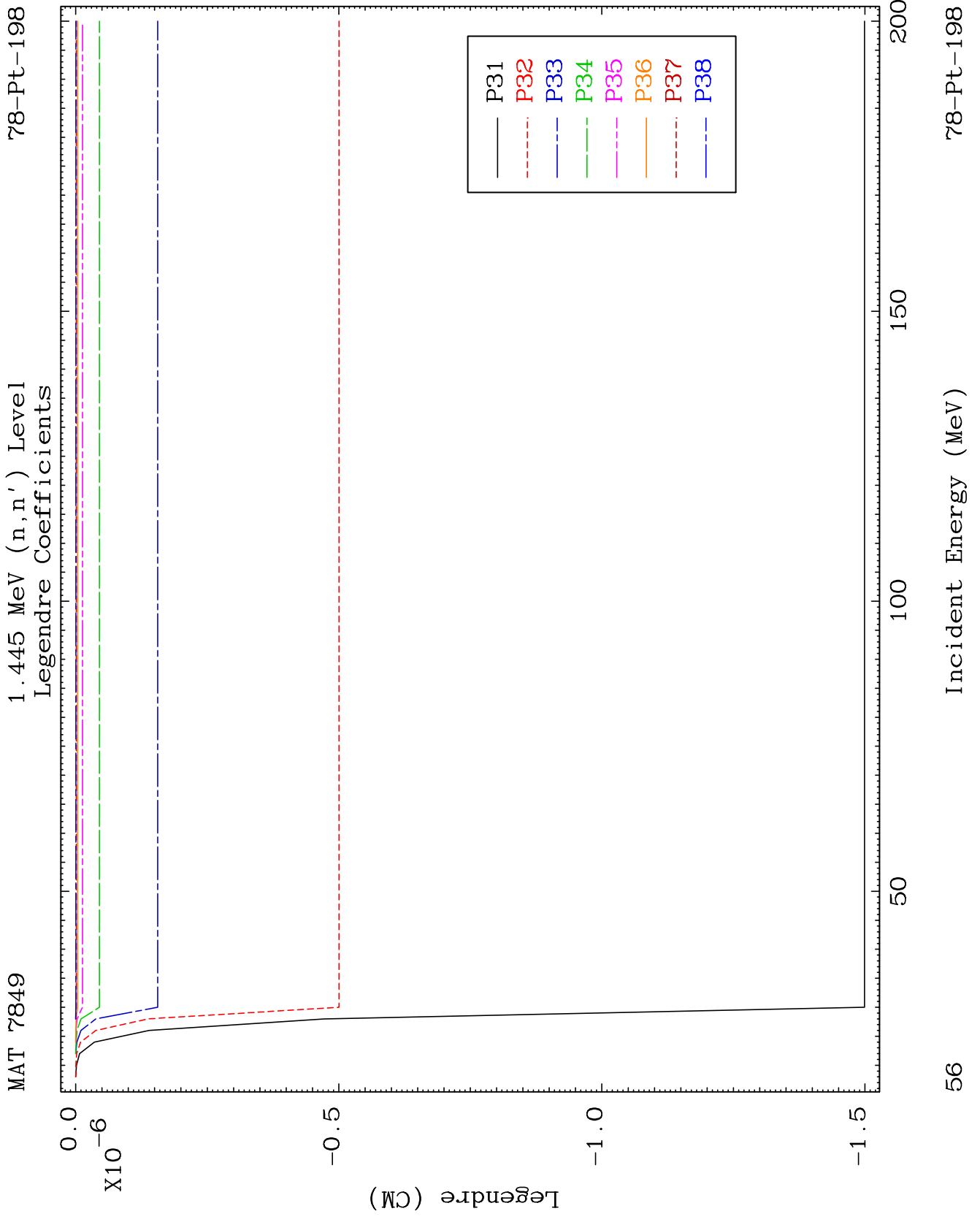
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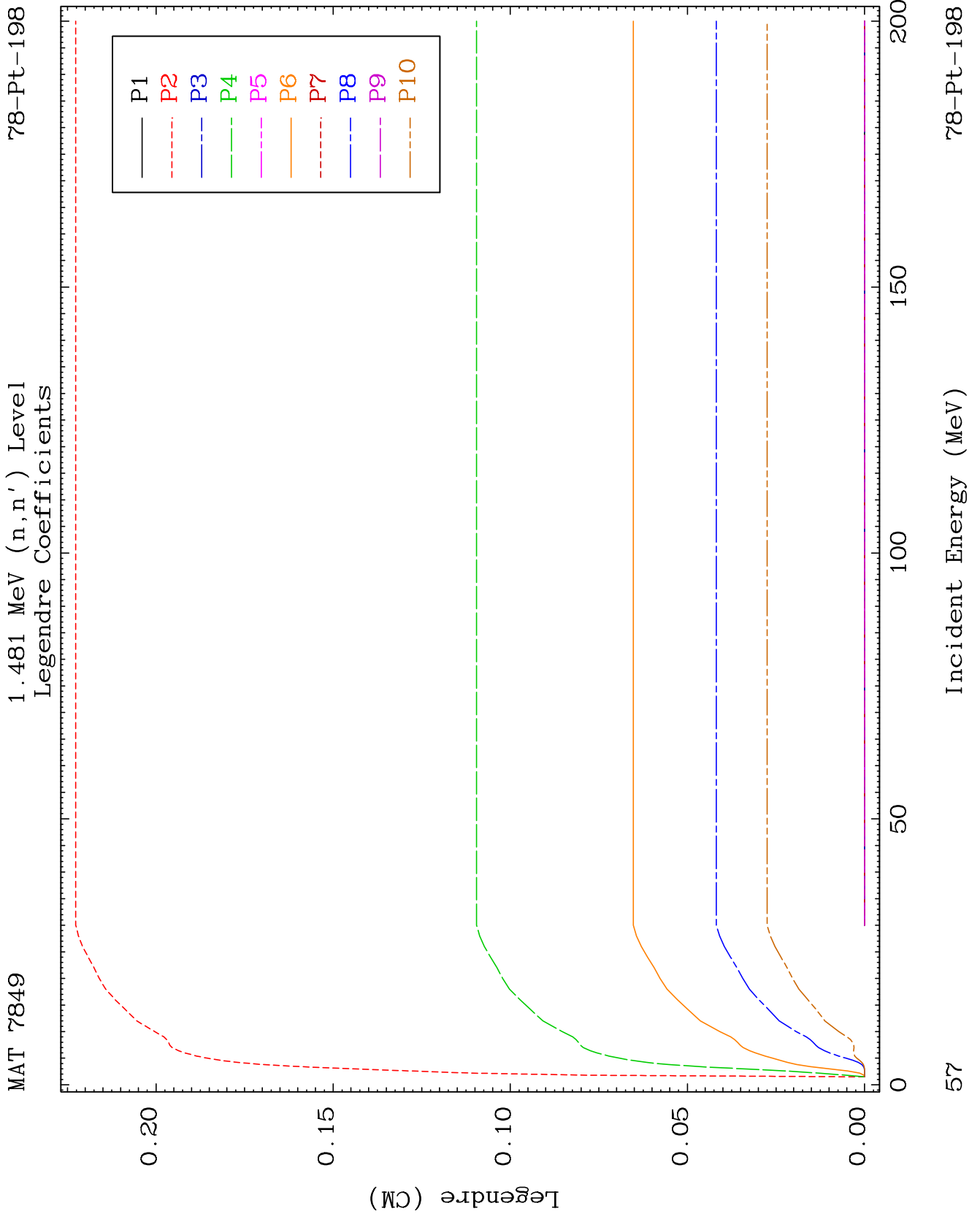
Incident Energy (MeV)

78-Pt-198





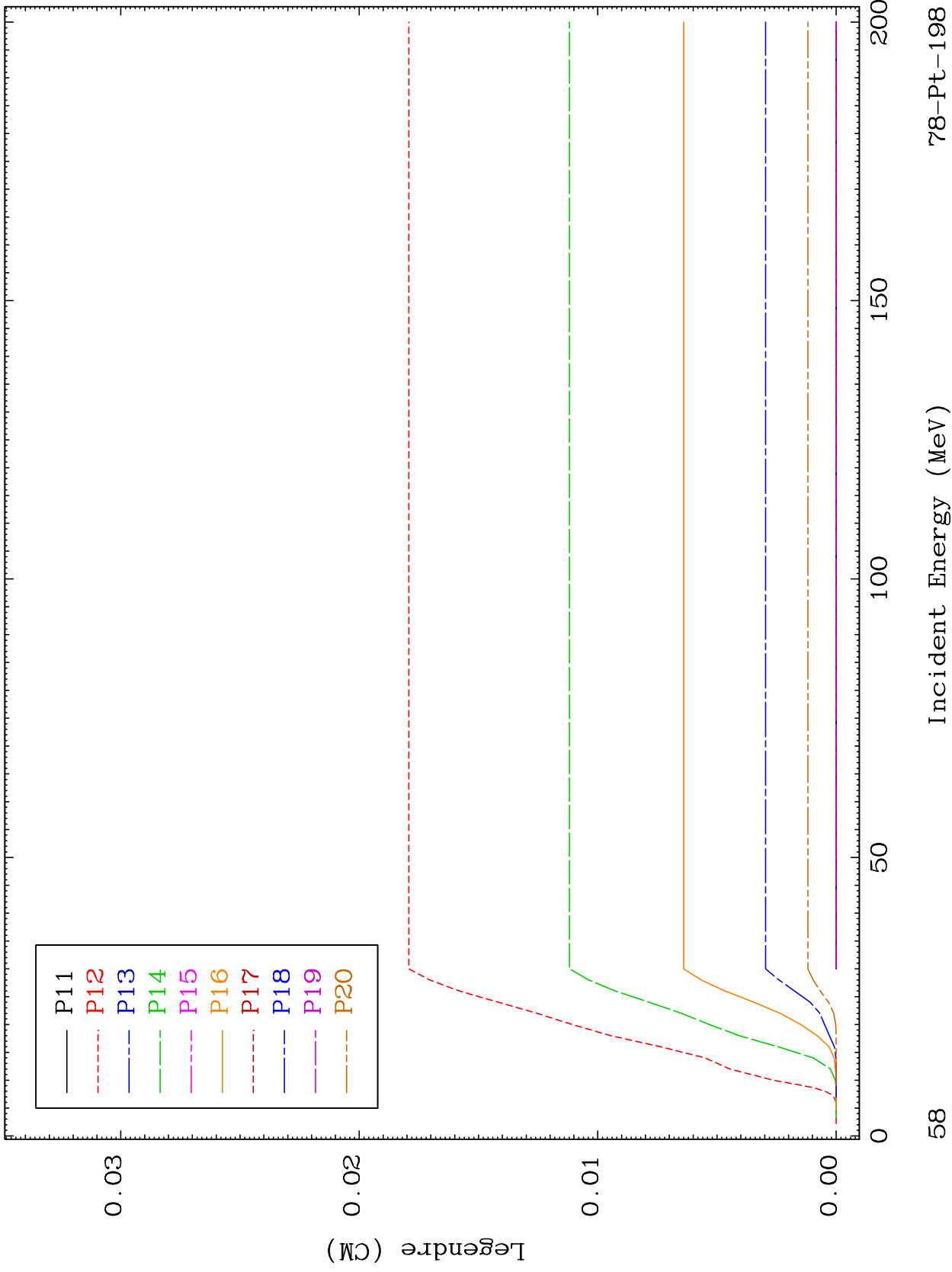




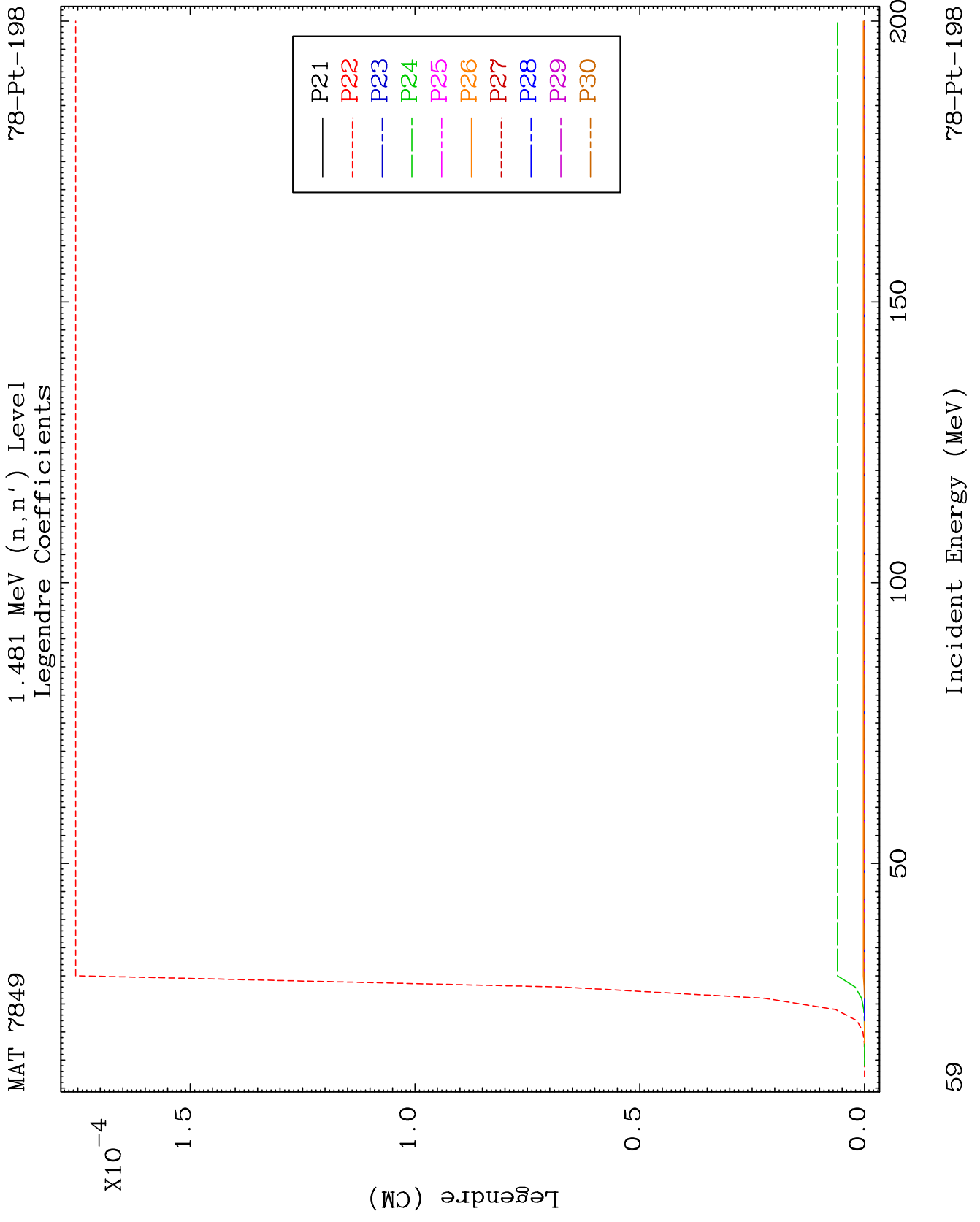
MAT 7849

1.481 MeV (n, n') Level
Legendre Coefficients

78-Pt-198



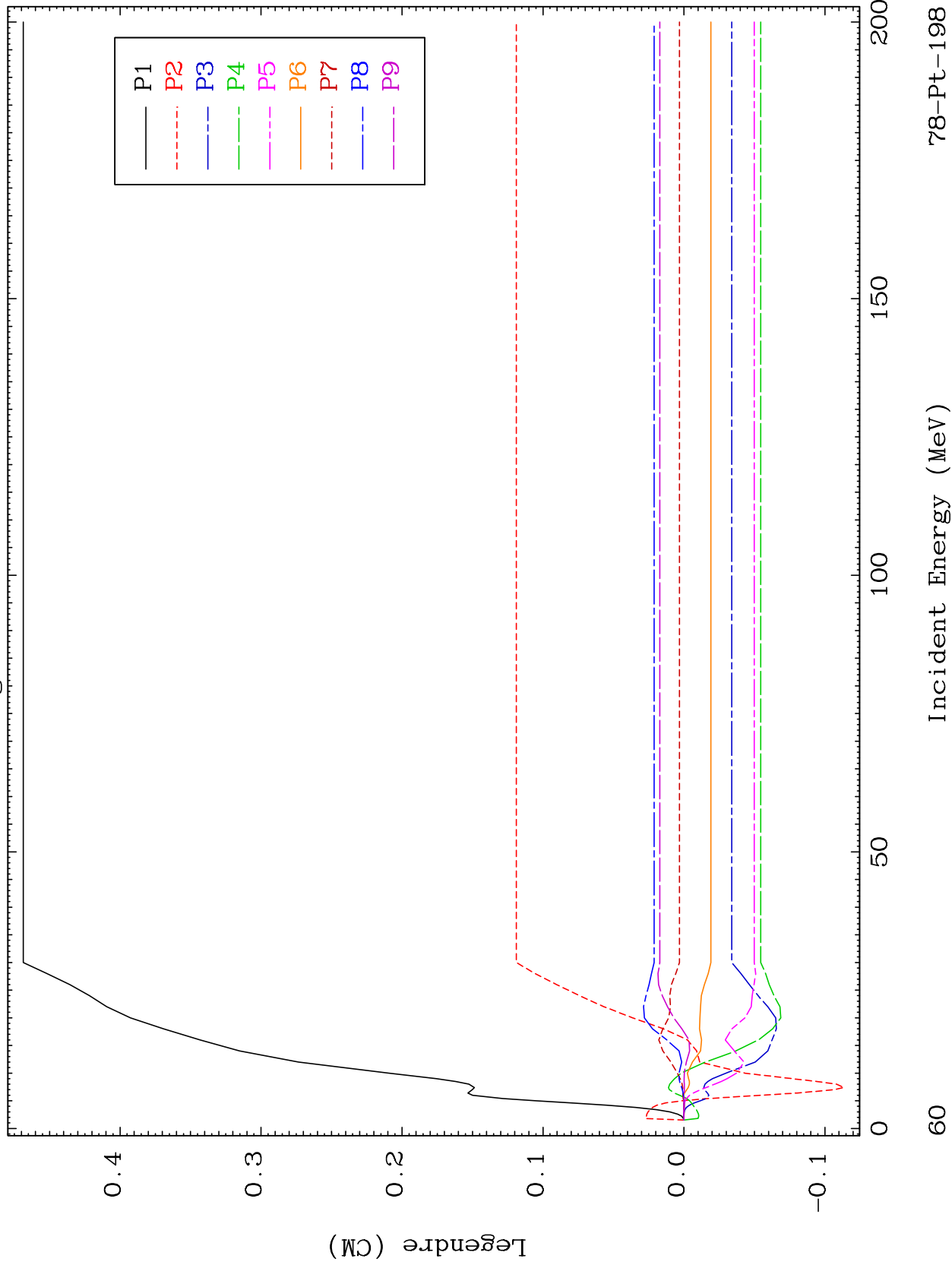
58



MAT 7849

1.502 MeV (n,n') Level
Legendre Coefficients

78-Pt-198

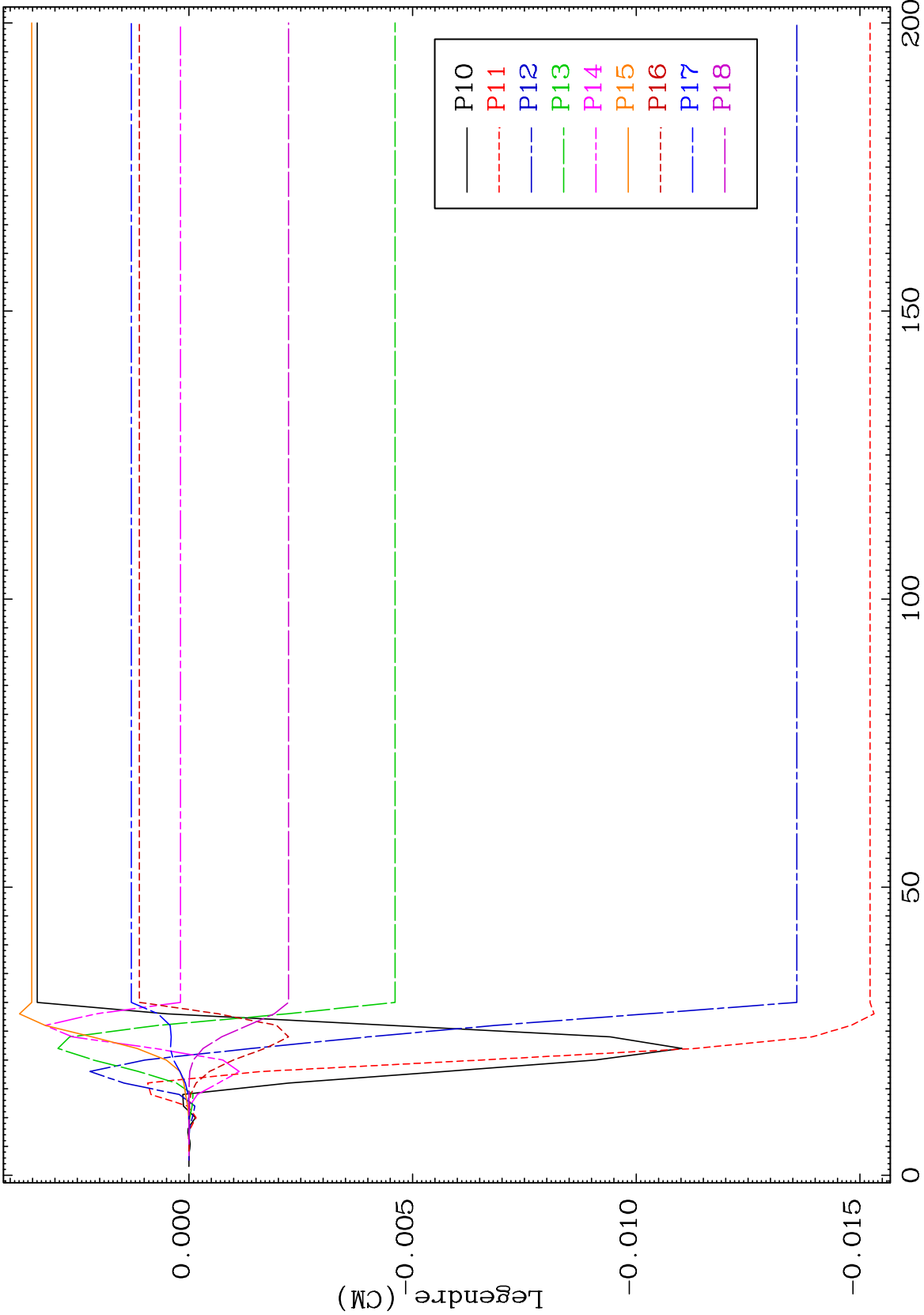


78-Pt-198

MAT 7849

1.502 MeV (n,n') Level
Legendre Coefficients

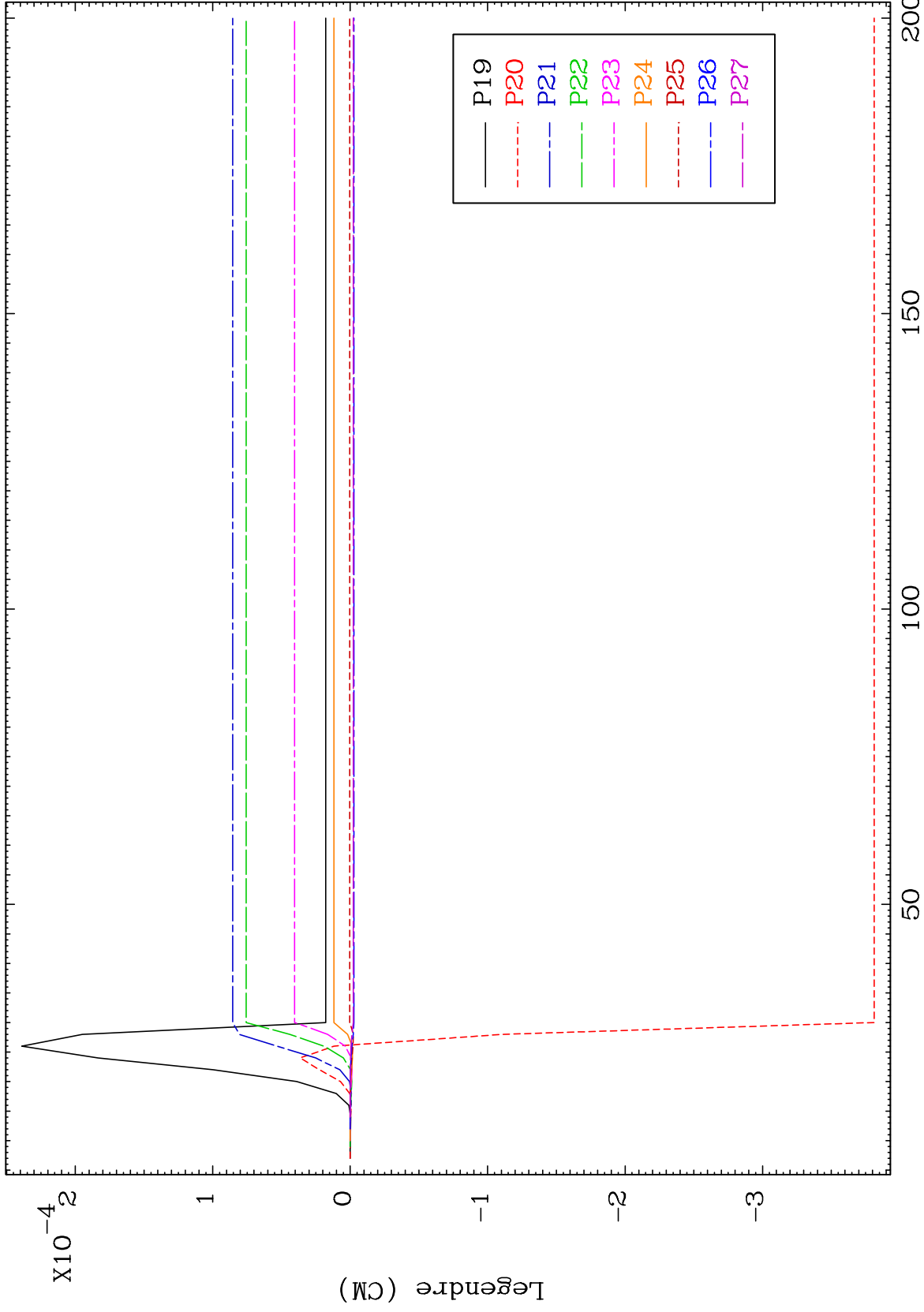
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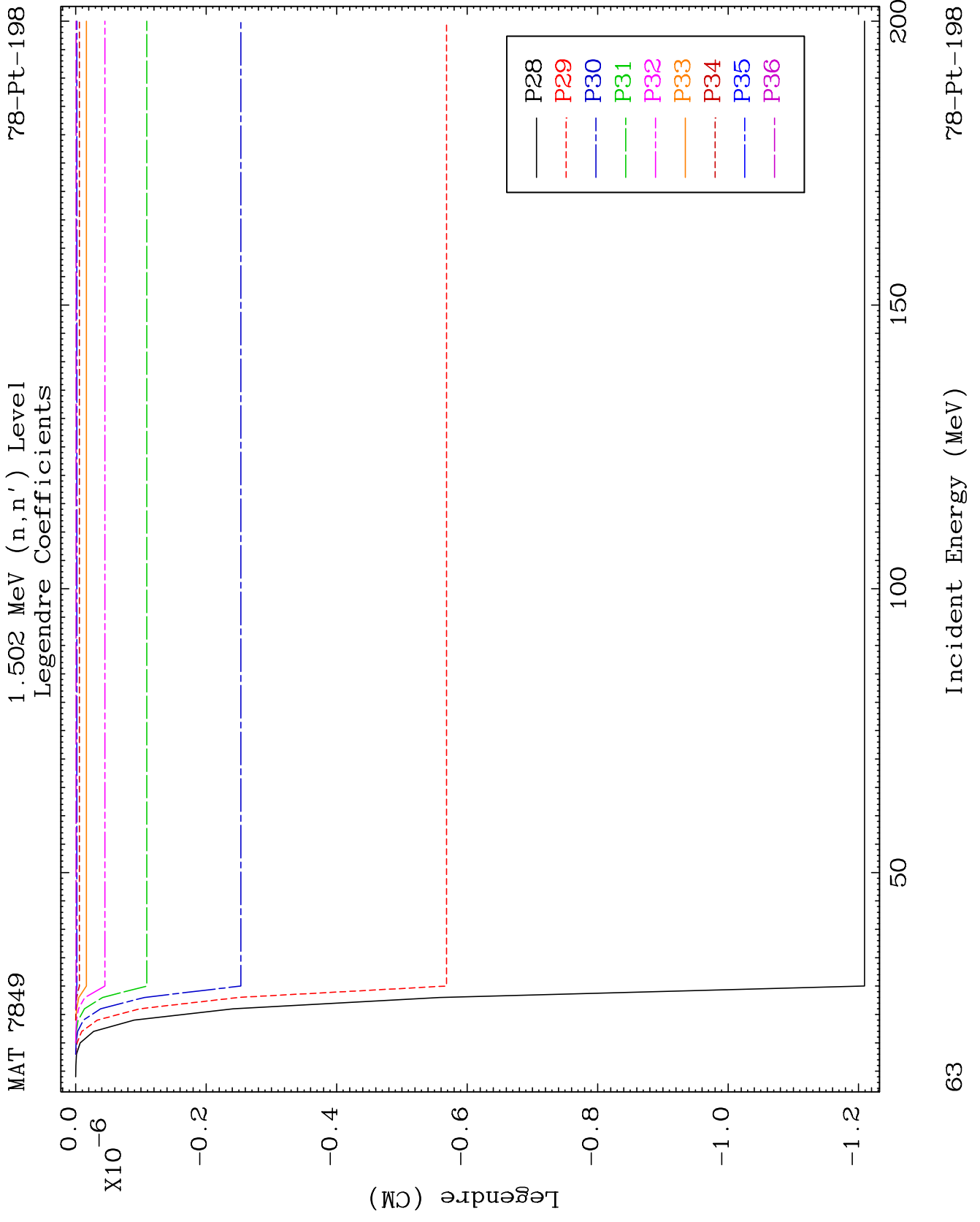


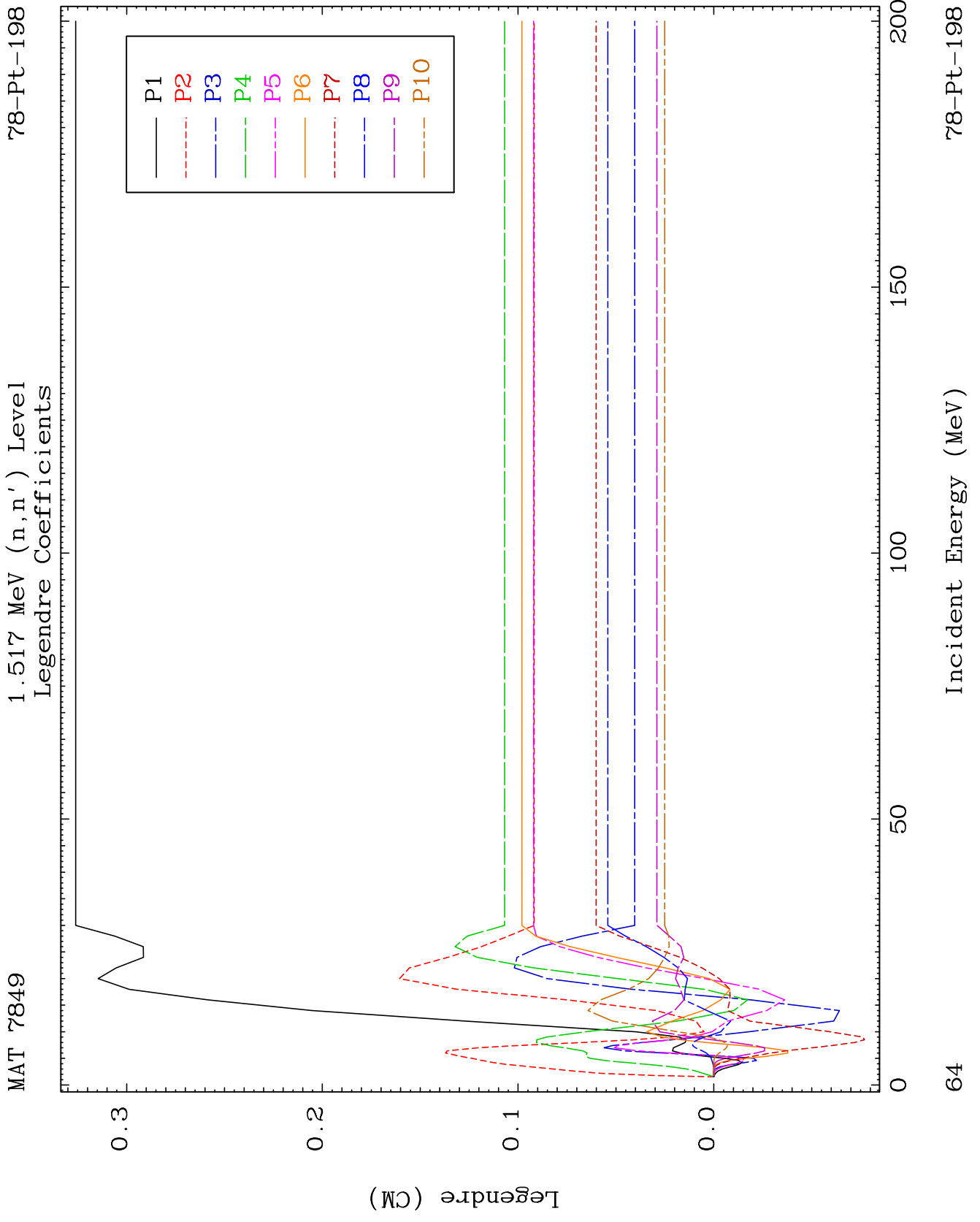
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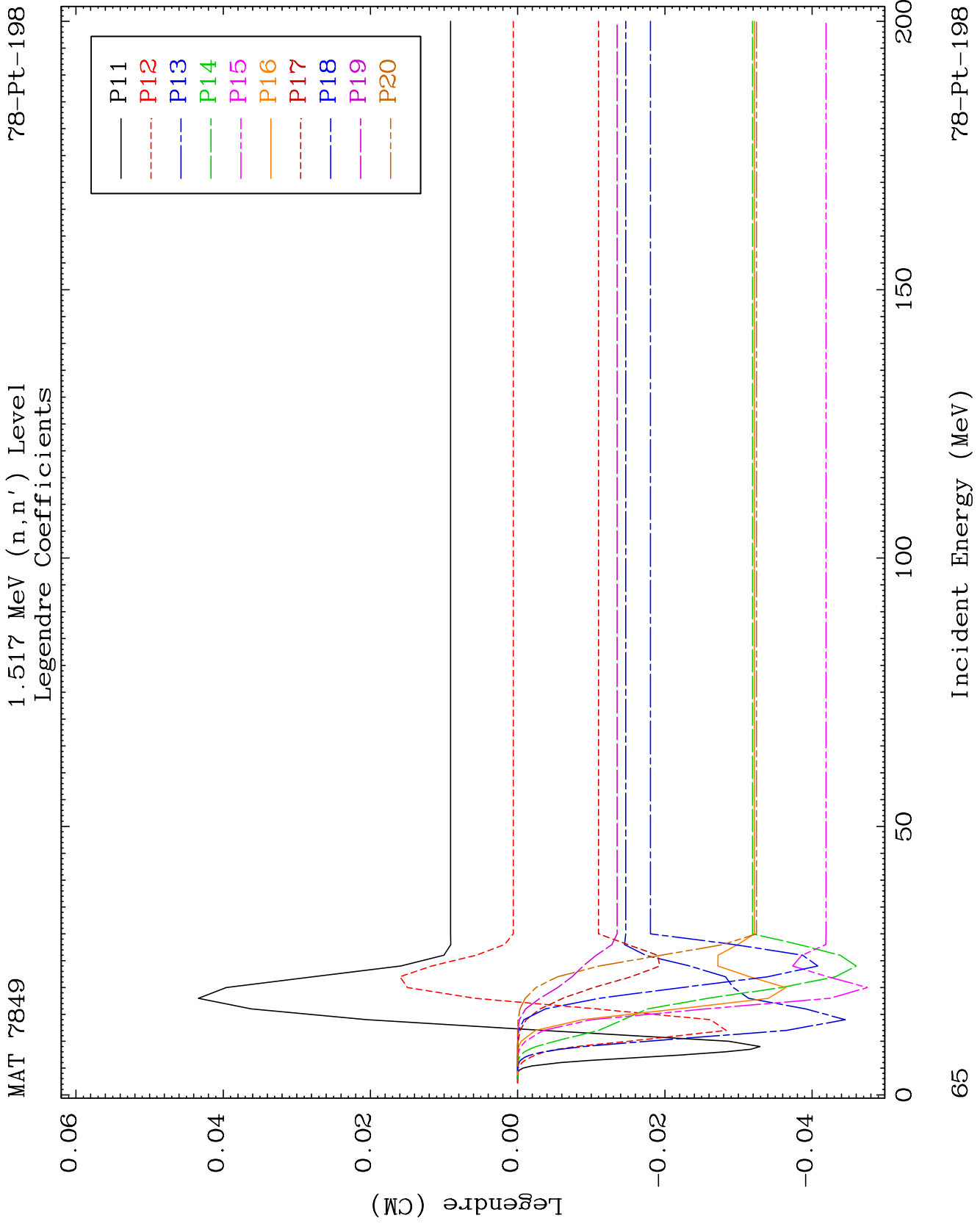
Incident Energy (MeV)

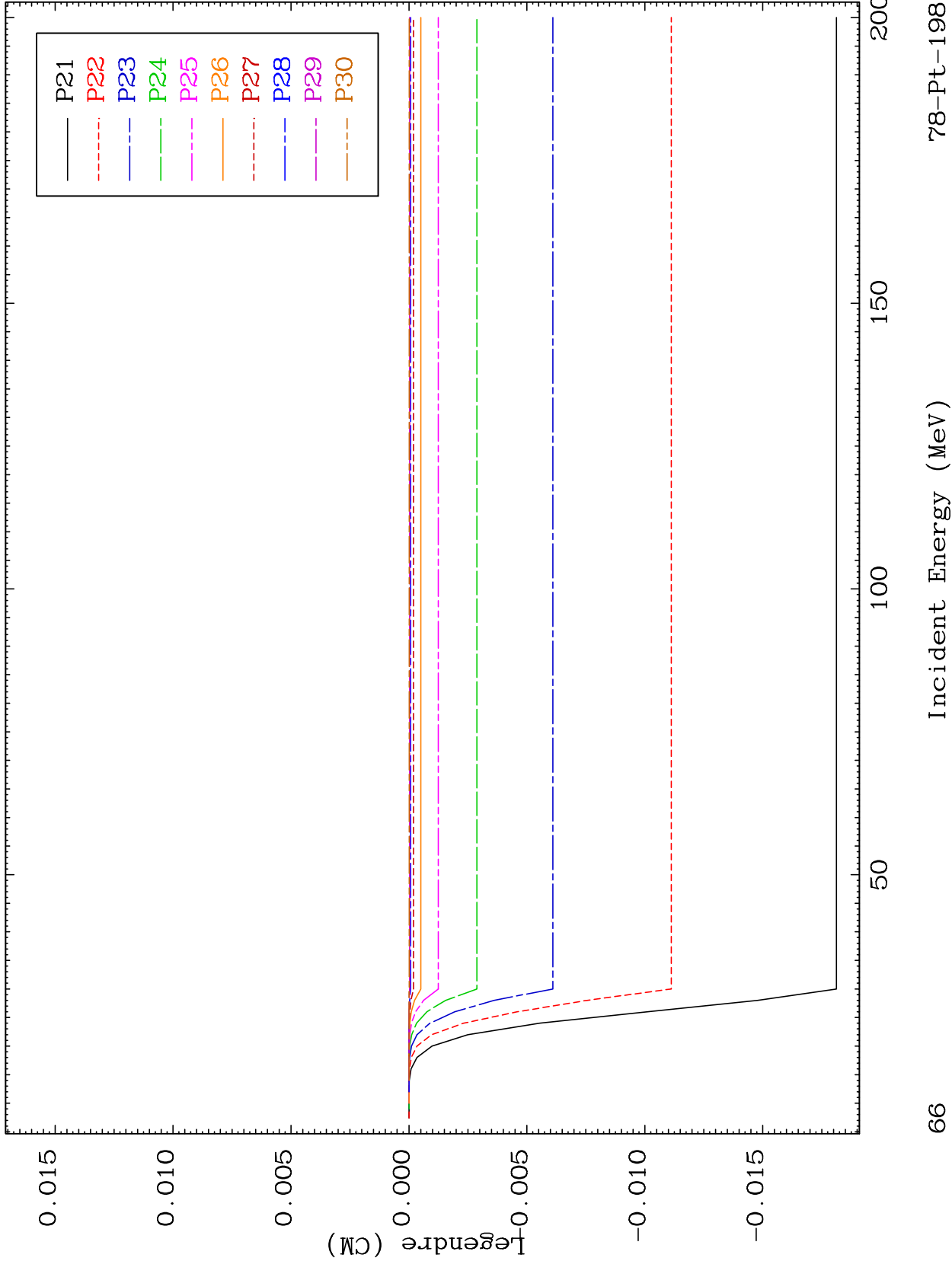
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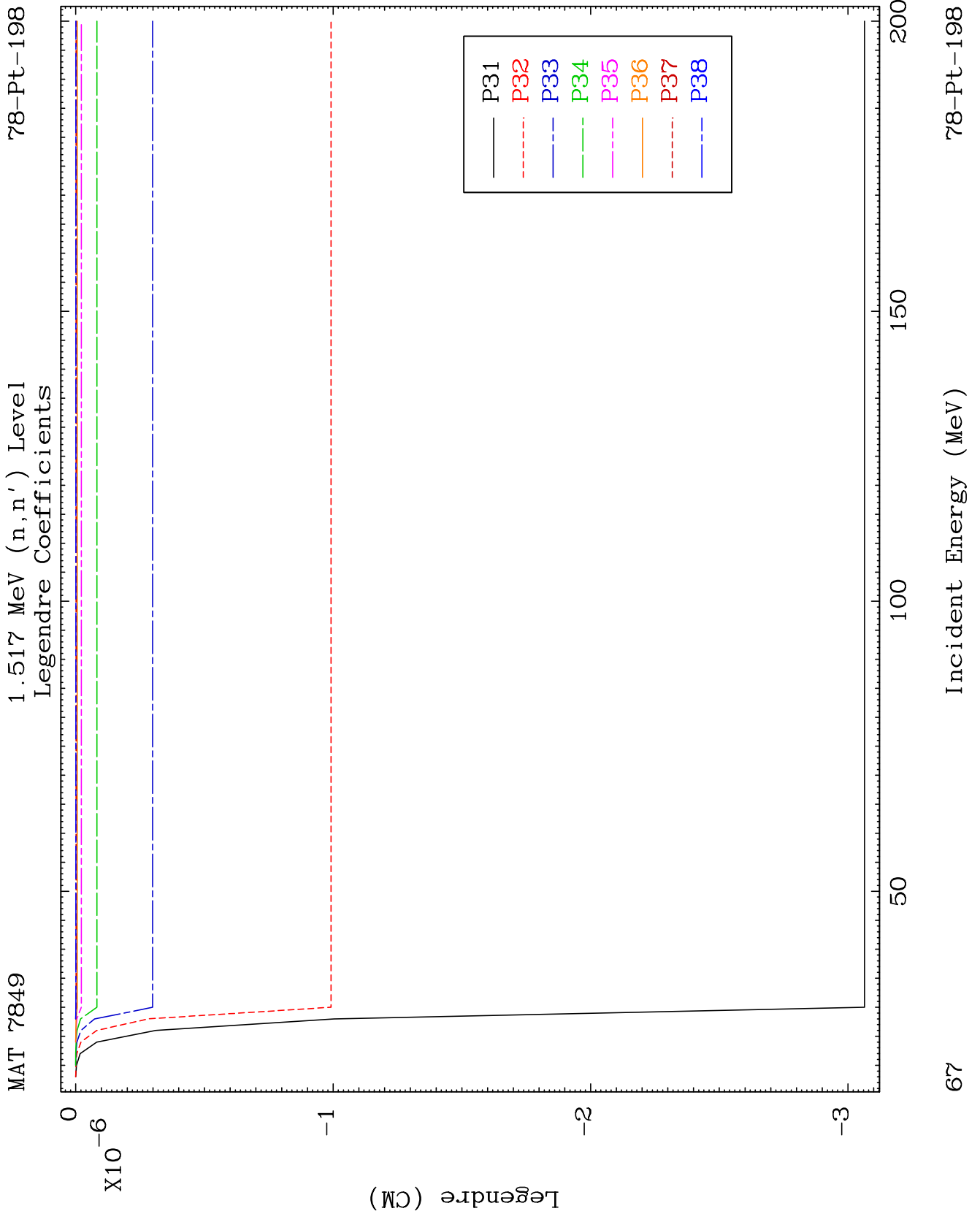








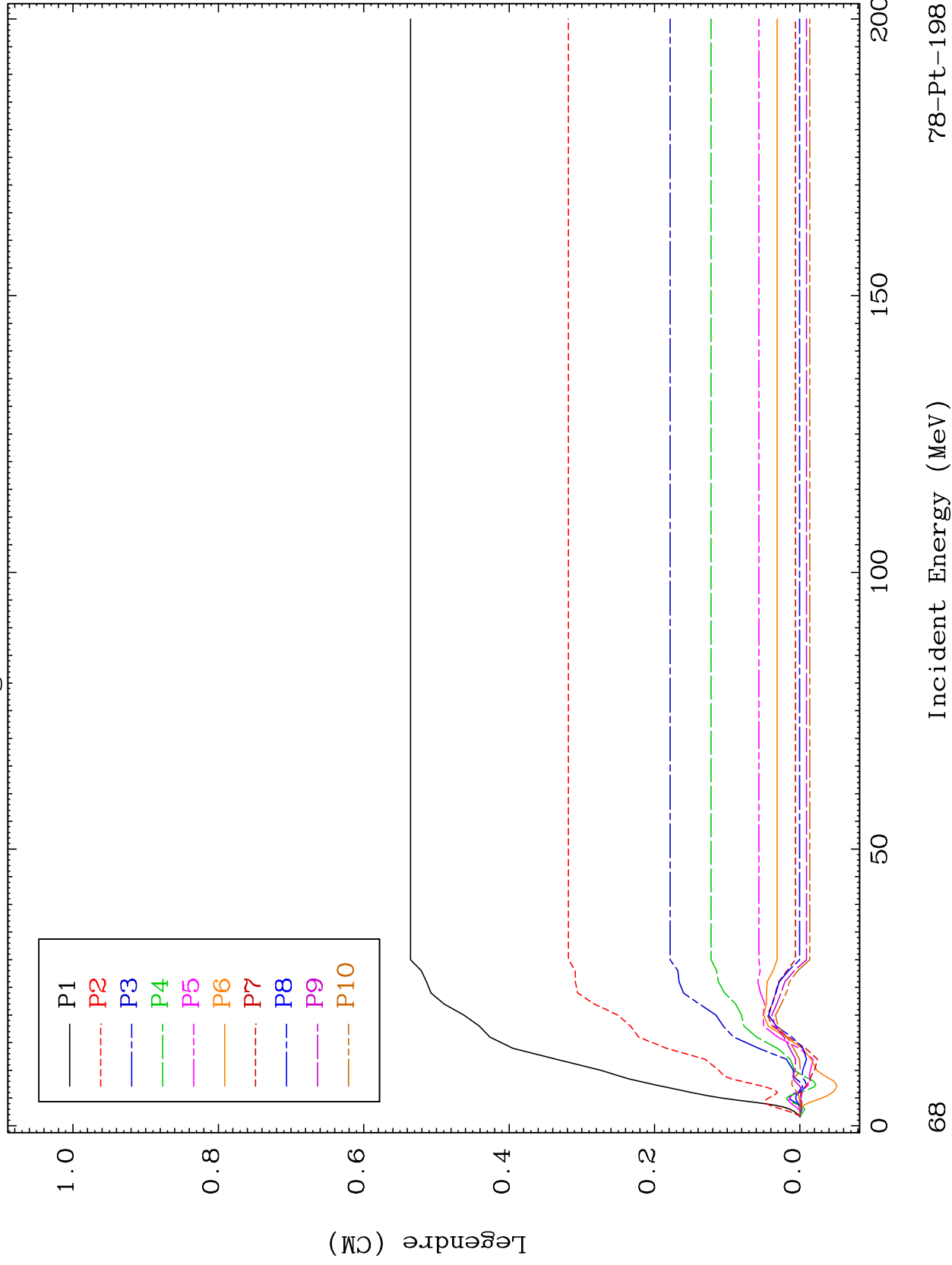




MAT 7849

1.550 MeV (n,n') Level
Legendre Coefficients

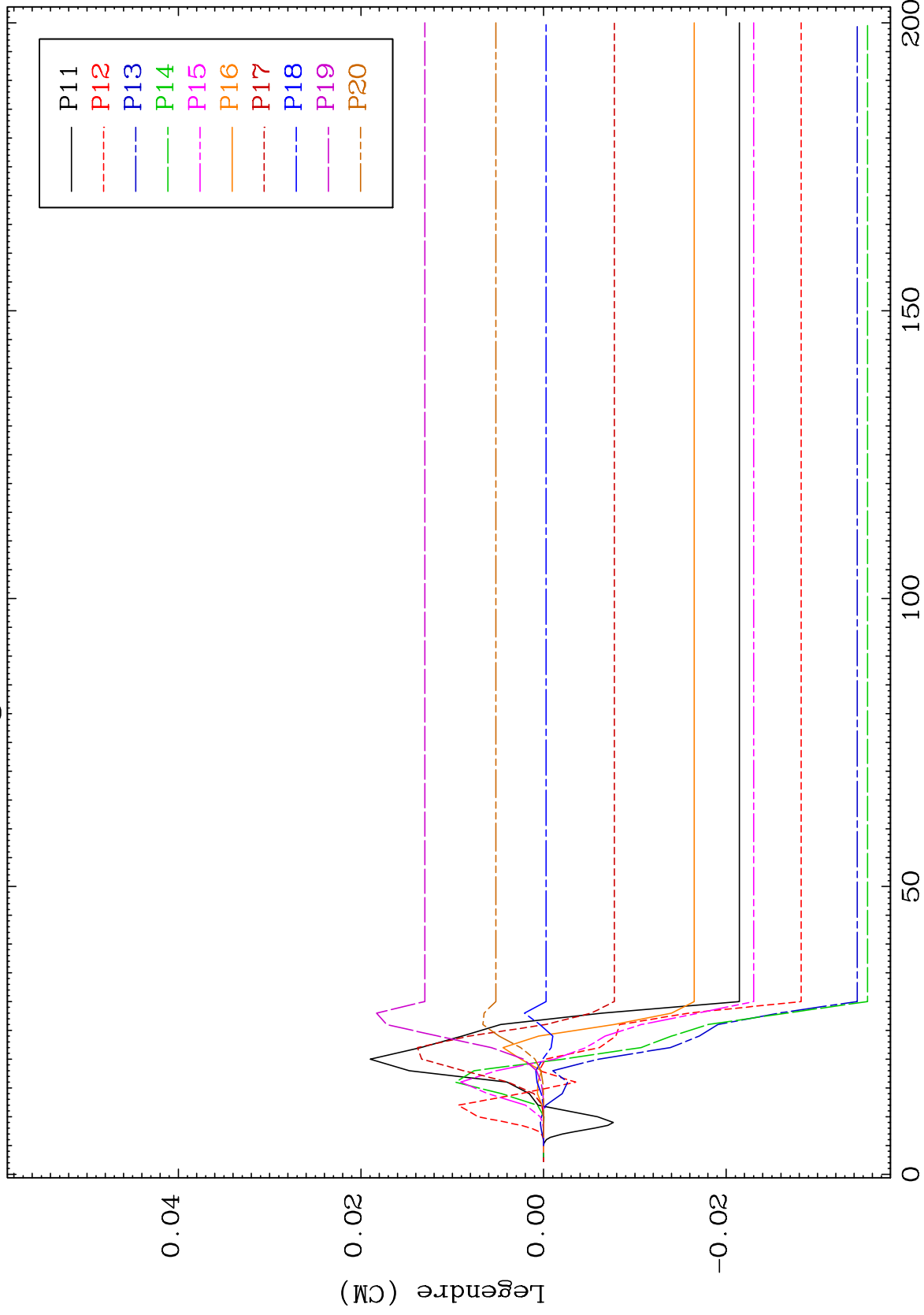
78-Pt-198



78-Pt-198

Incident Energy (MeV)

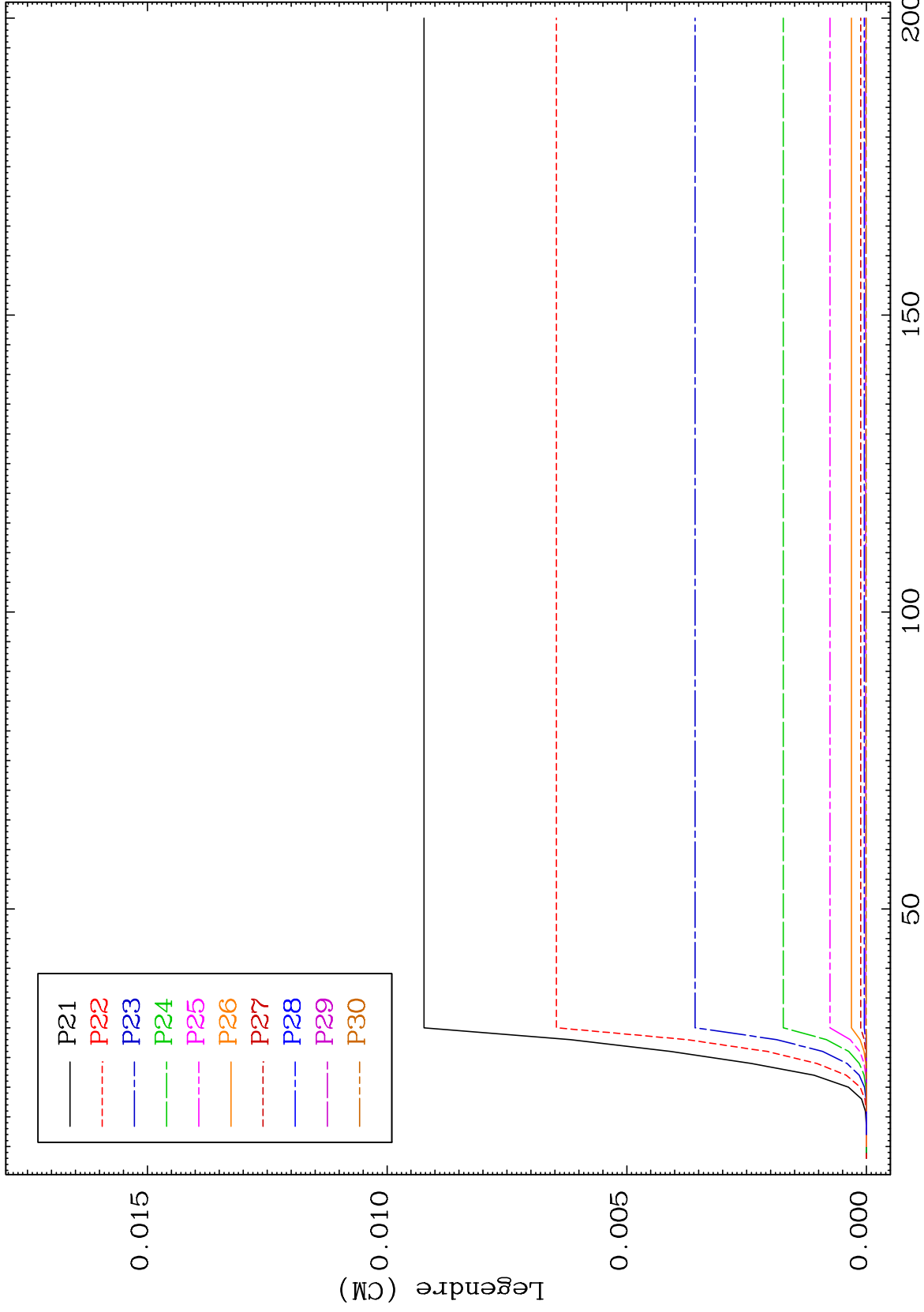
68



MAT 7849

1.550 MeV (n,n') Level
Legendre Coefficients

78-Pt-198



78-Pt-198

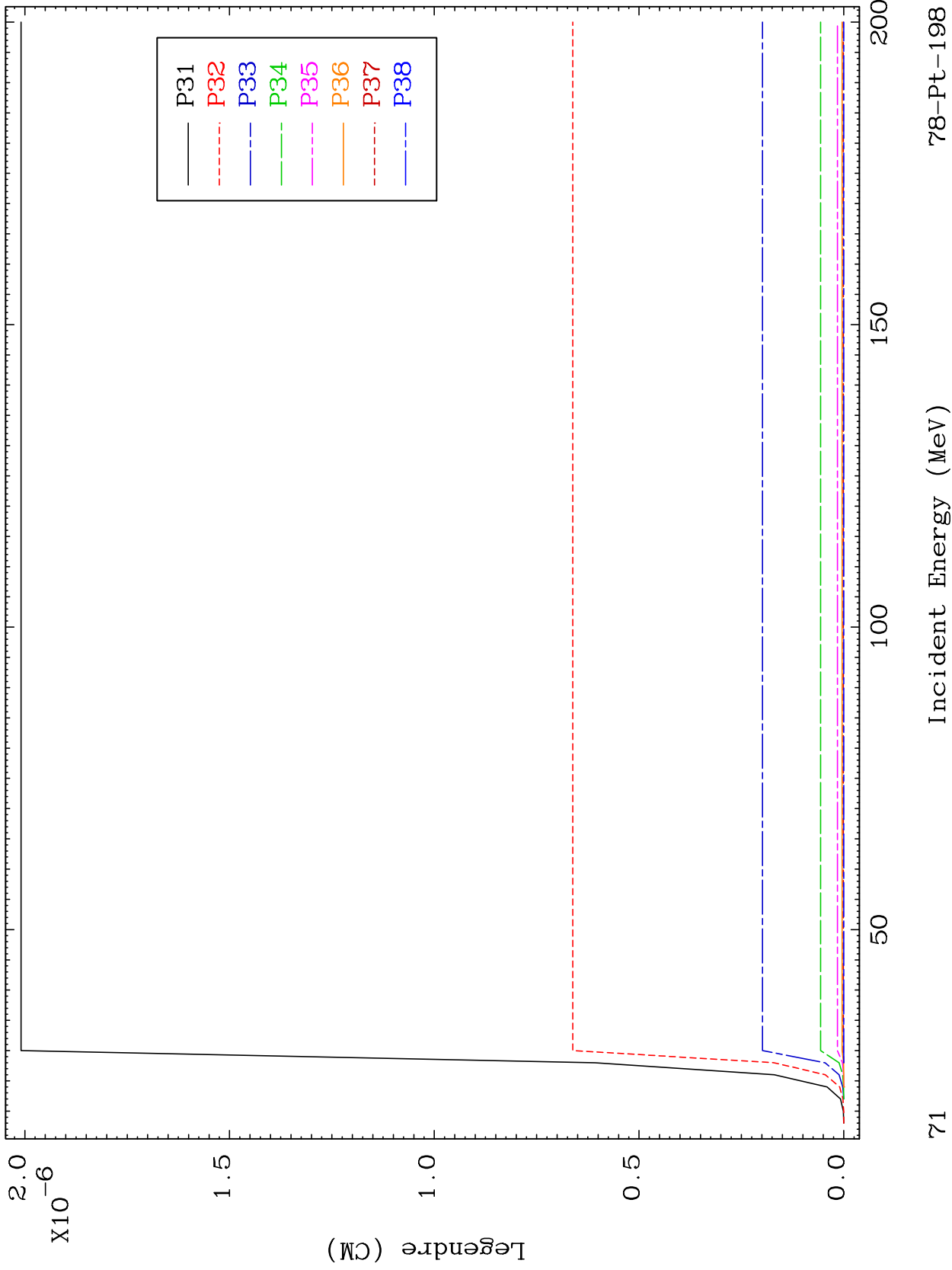
Incident Energy (MeV)

70

MAT 7849

1.550 MeV (n, n') Level
Legendre Coefficients

78-Pt-198

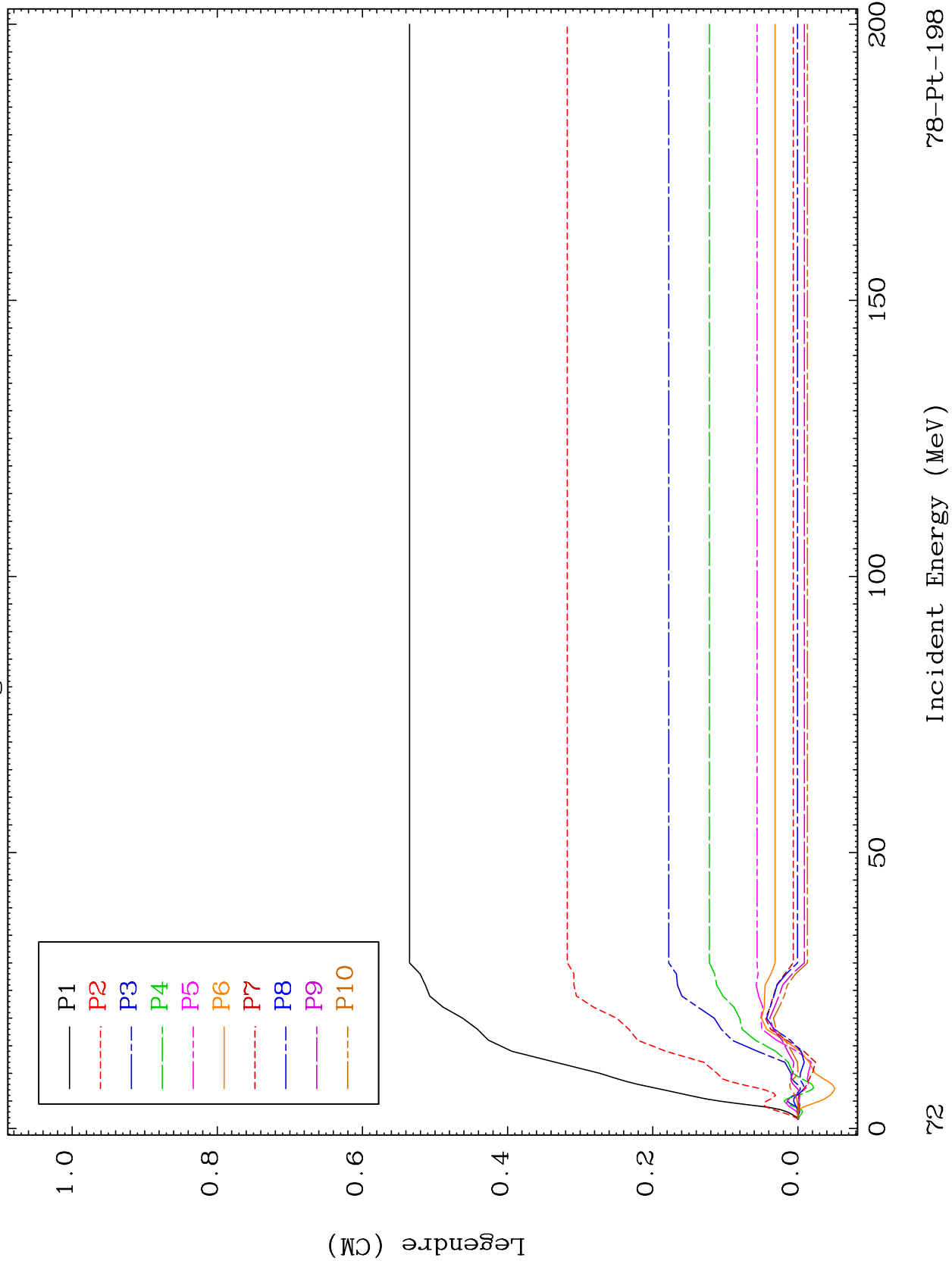


71

MAT 7849

1.637 MeV (n,n') Level
Legendre Coefficients

78-Pt-198



78-Pt-198

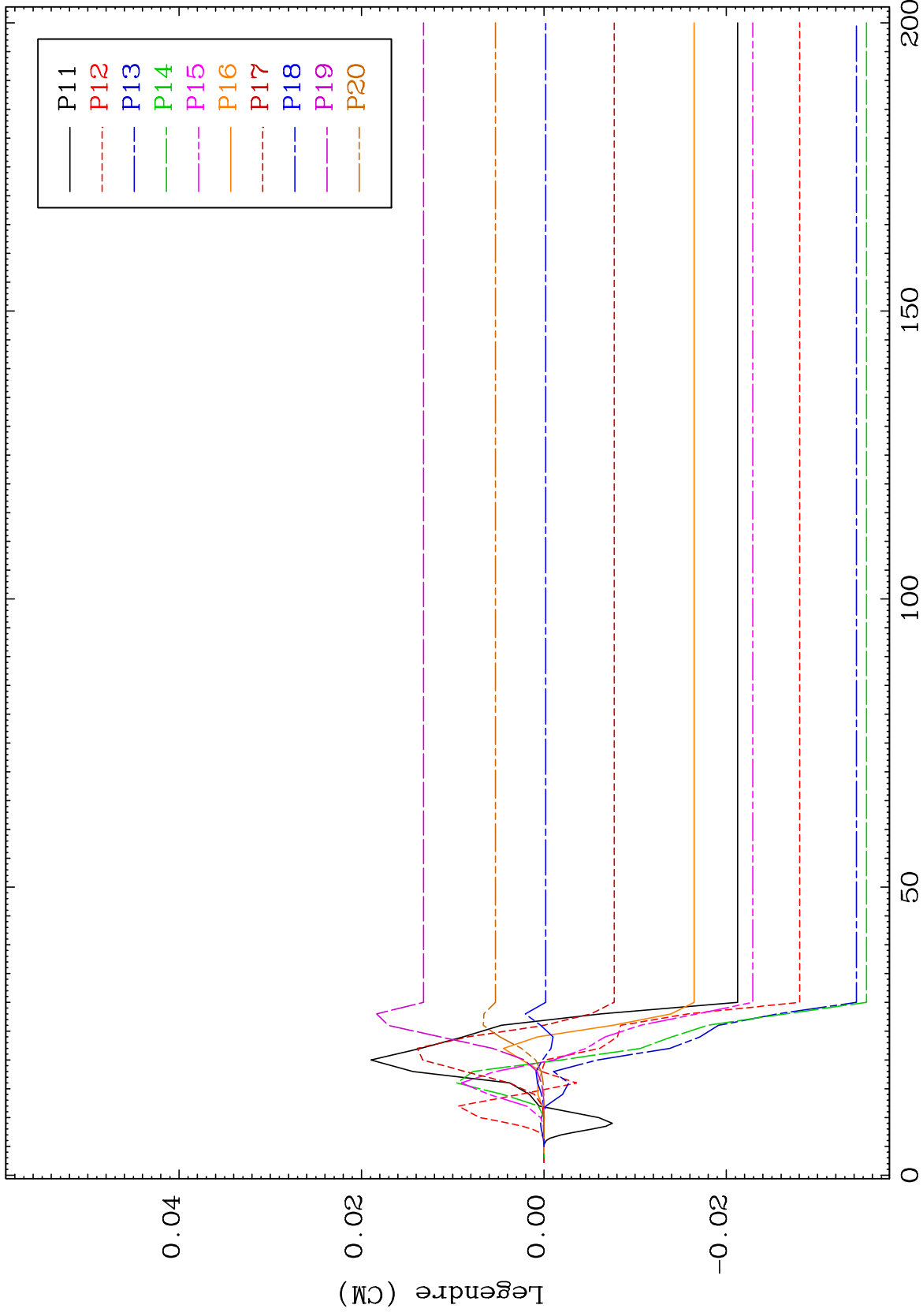
Incident Energy (MeV)

72

MAT 7849

1.637 MeV (n,n') Level
Legendre Coefficients

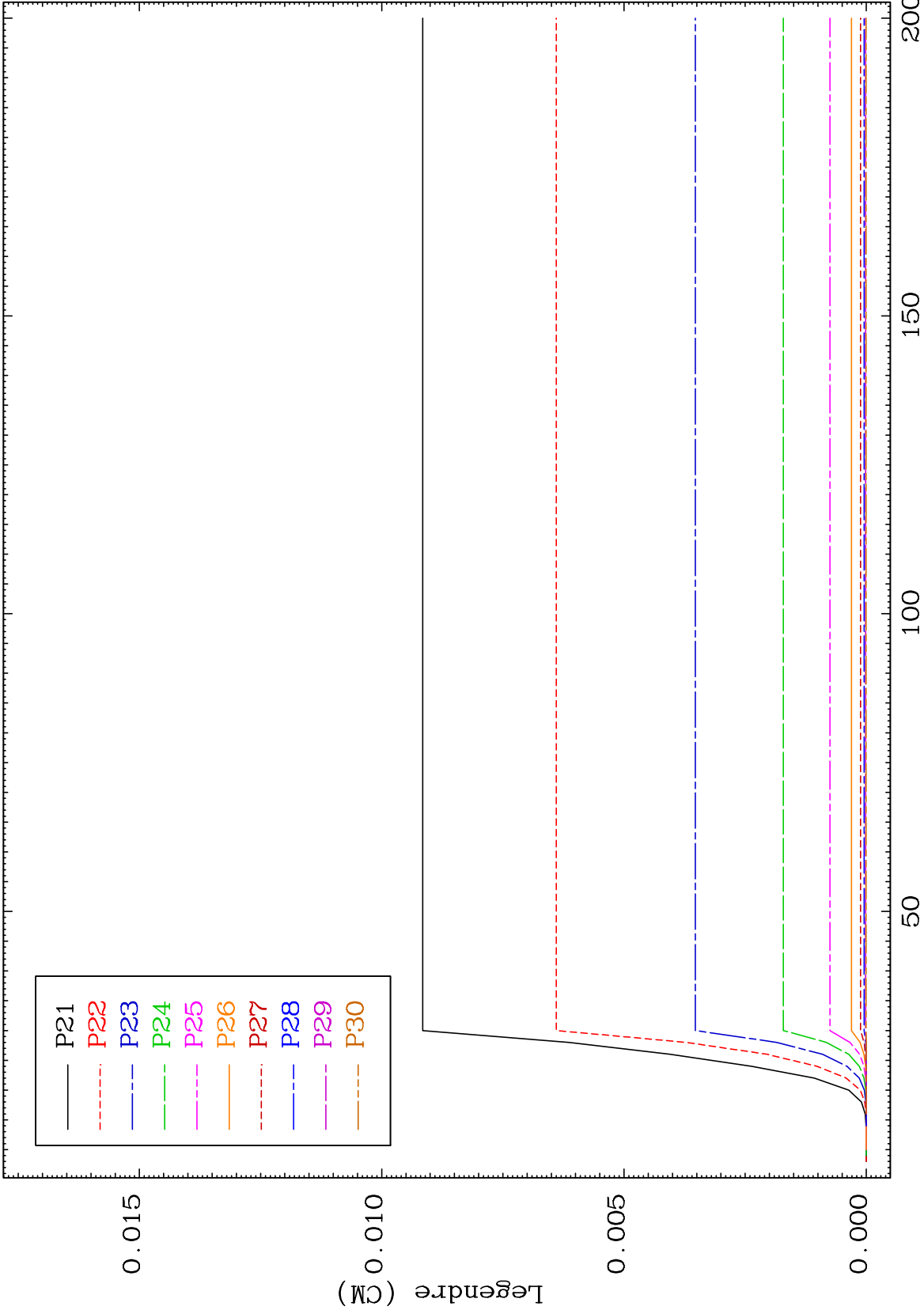
78-Pt-198



78

Incident Energy (MeV)

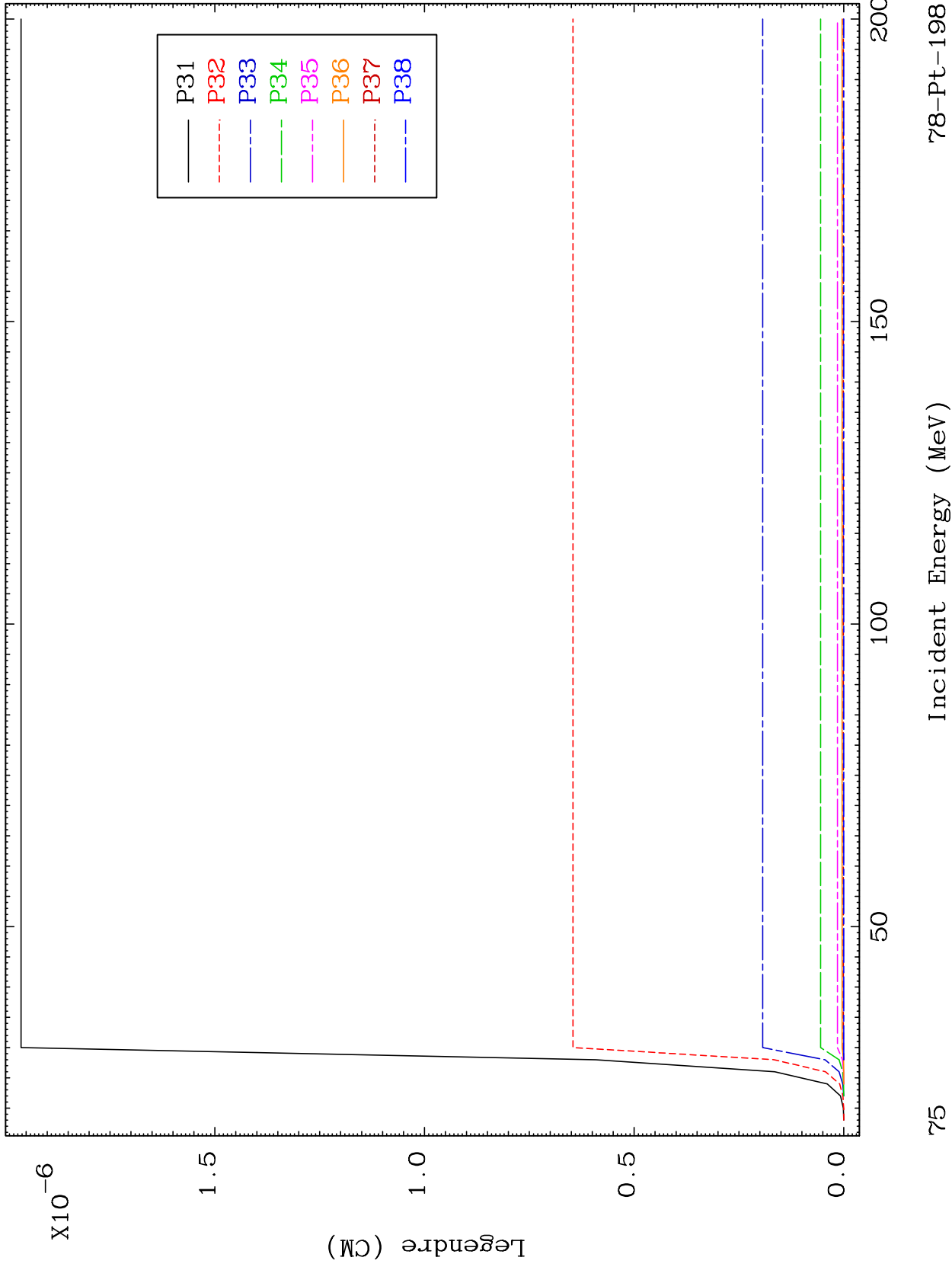
78-Pt-198



MAT 7849

1.637 MeV (n,n') Level
Legendre Coefficients

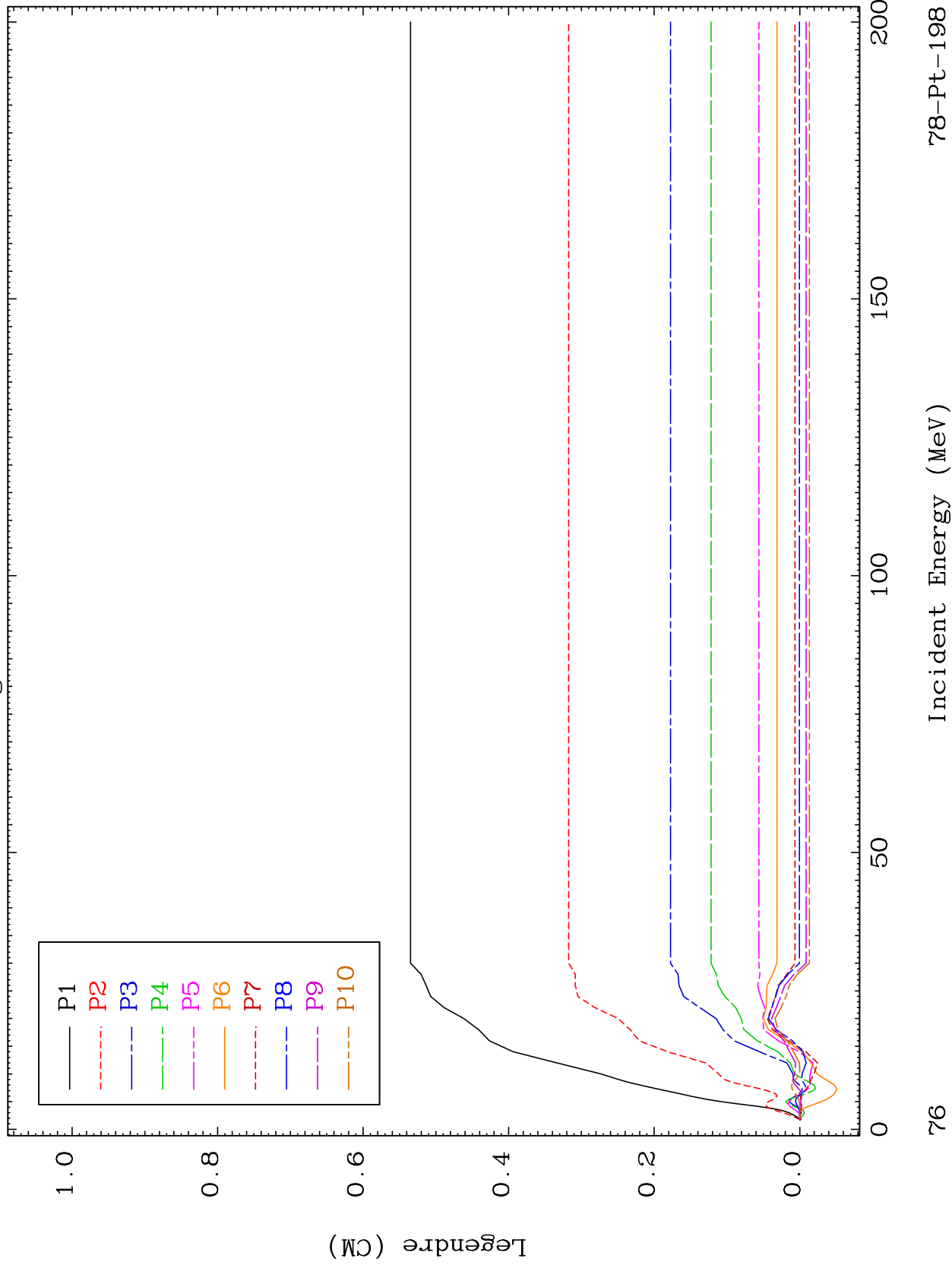
78-Pt-198



MAT 7849

1.657 MeV (n,n') Level
Legendre Coefficients

78-Pt-198



76

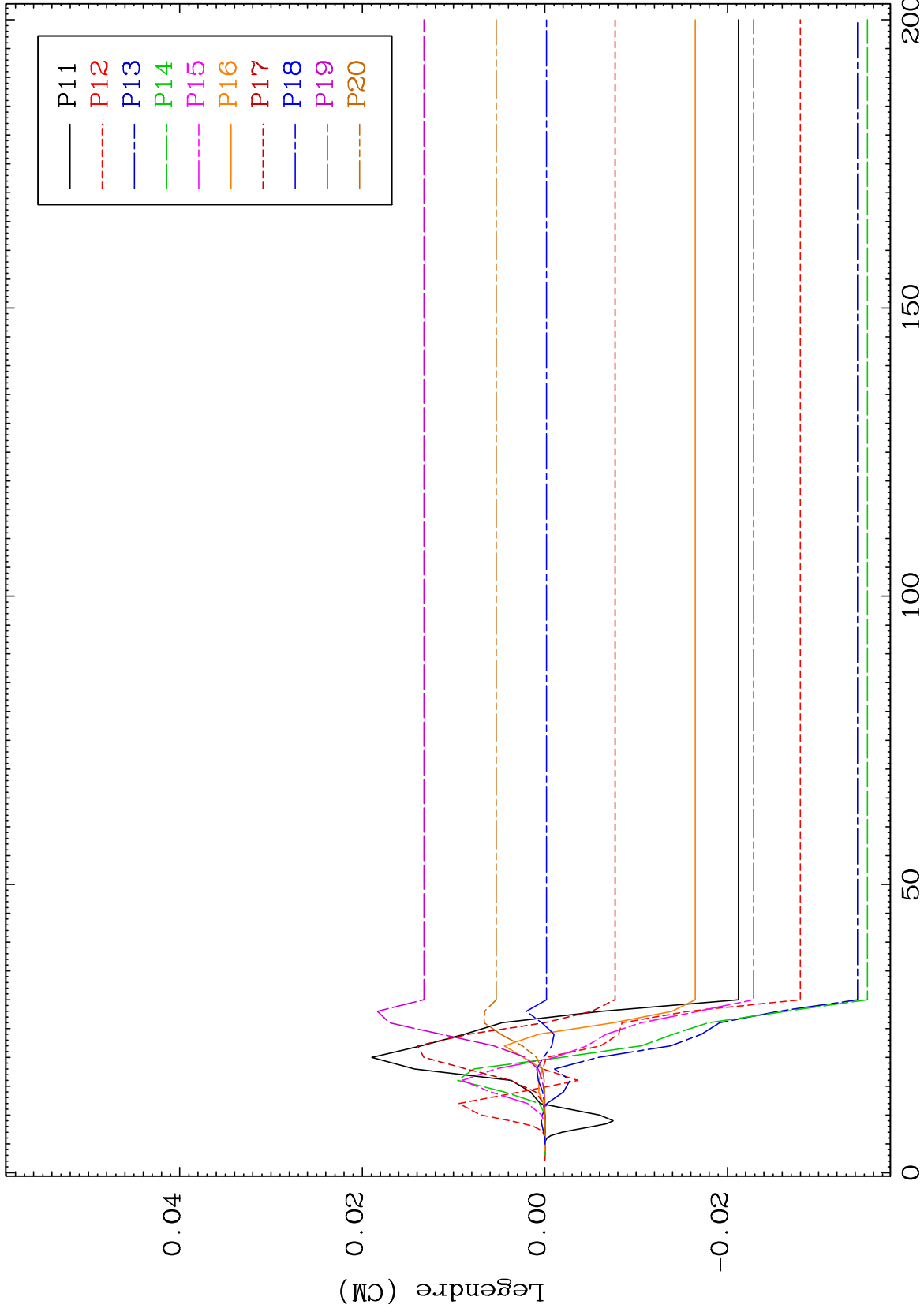
Incident Energy (MeV)

78-Pt-198

MAT 7849

1.657 MeV (n,n') Level
Legendre Coefficients

78-Pt-198



77

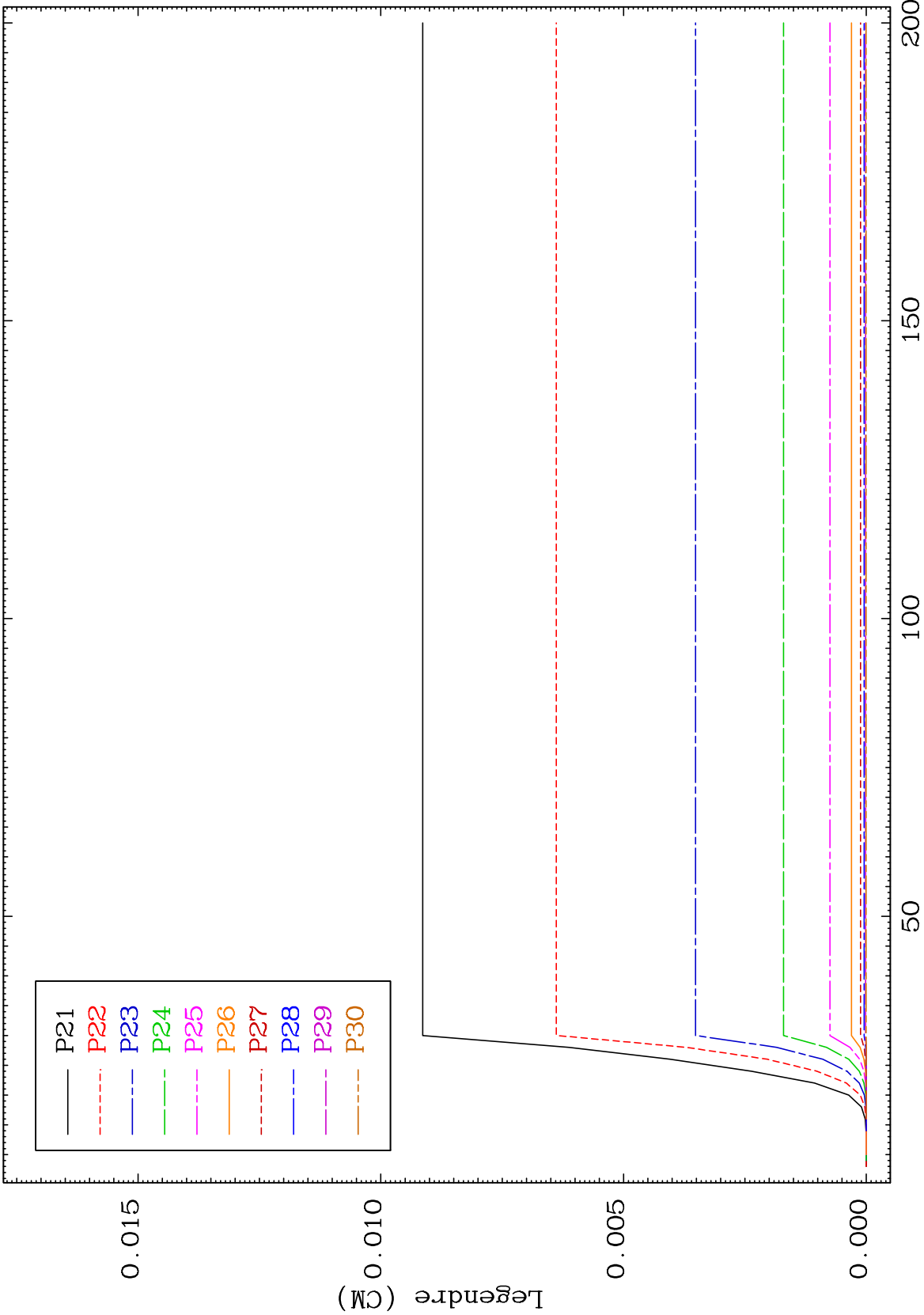
Incident Energy (MeV)

78-Pt-198

MAT 7849

1.657 MeV (n,n') Level
Legendre Coefficients

78-Pt-198



78

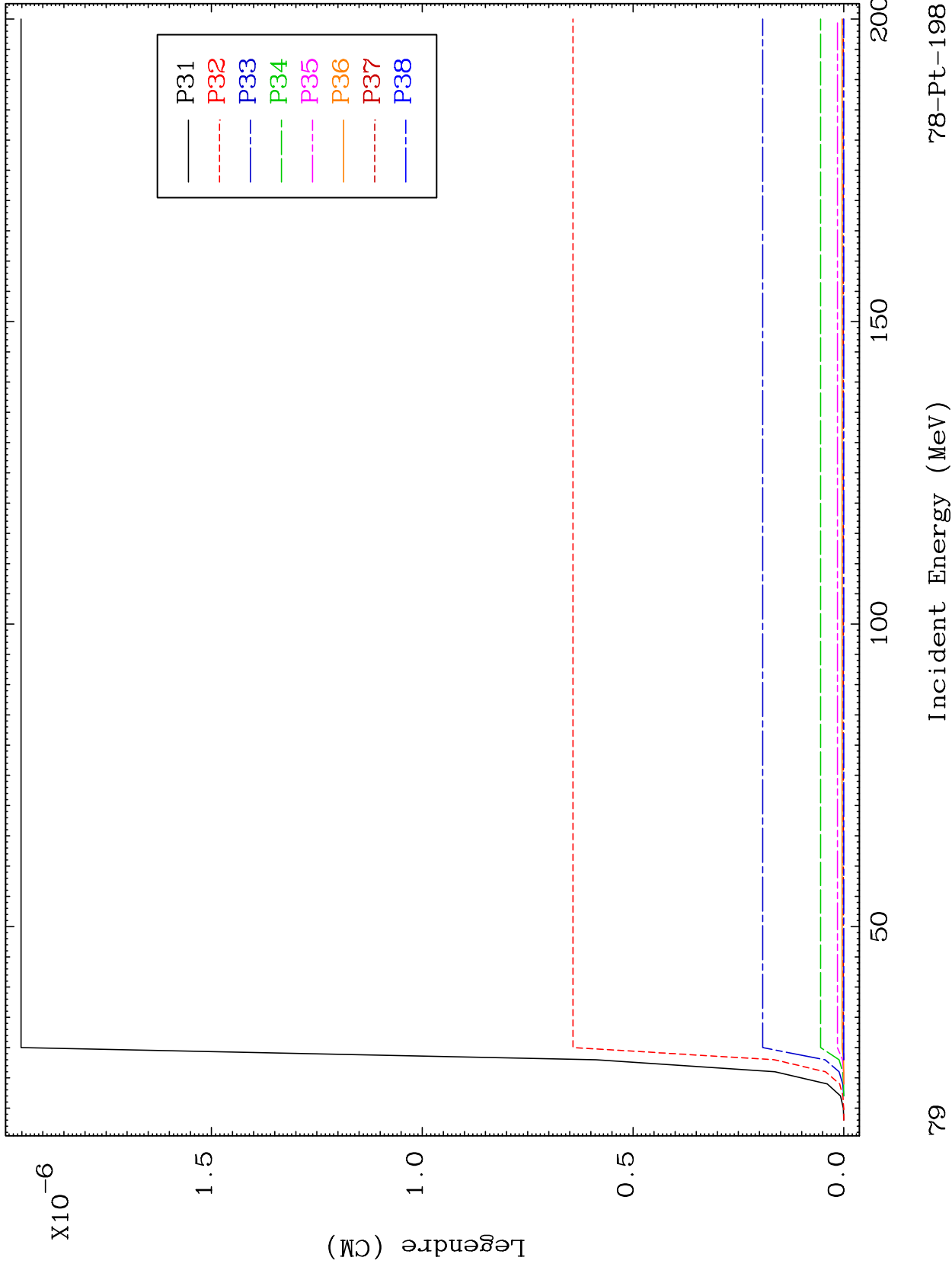
Incident Energy (MeV)

78-Pt-198

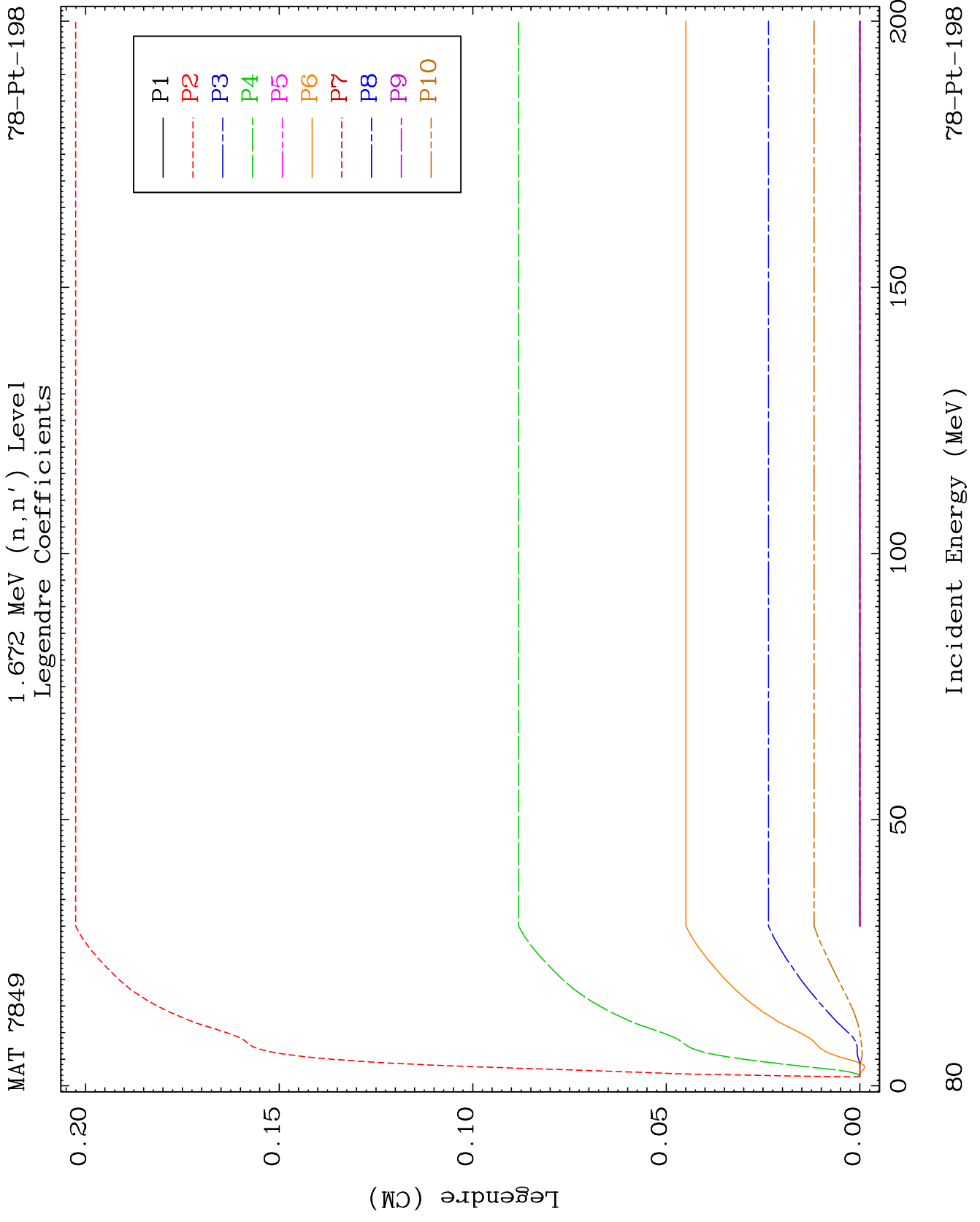
MAT 7849

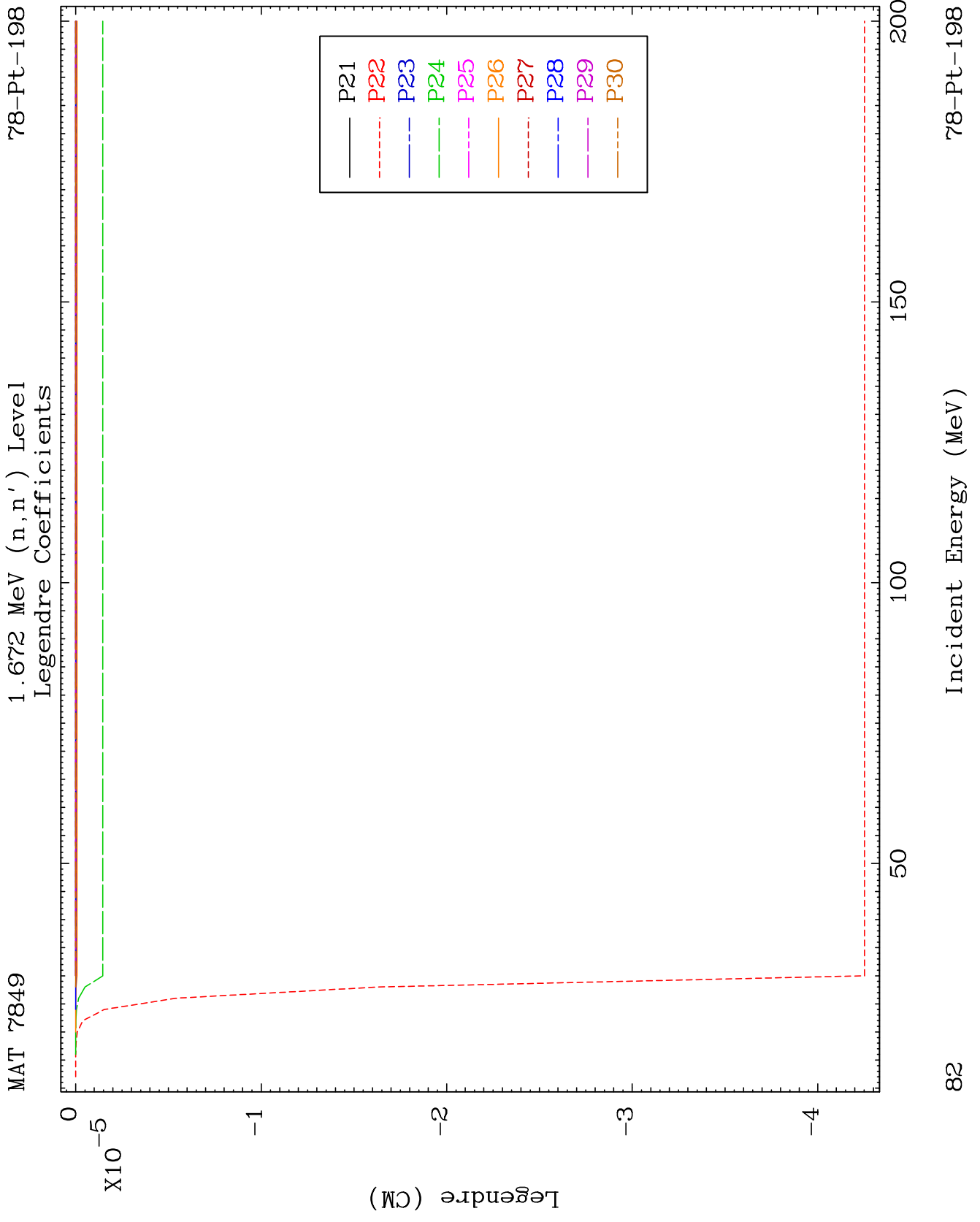
1.657 MeV (n,n') Level
Legendre Coefficients

78-Pt-198



79

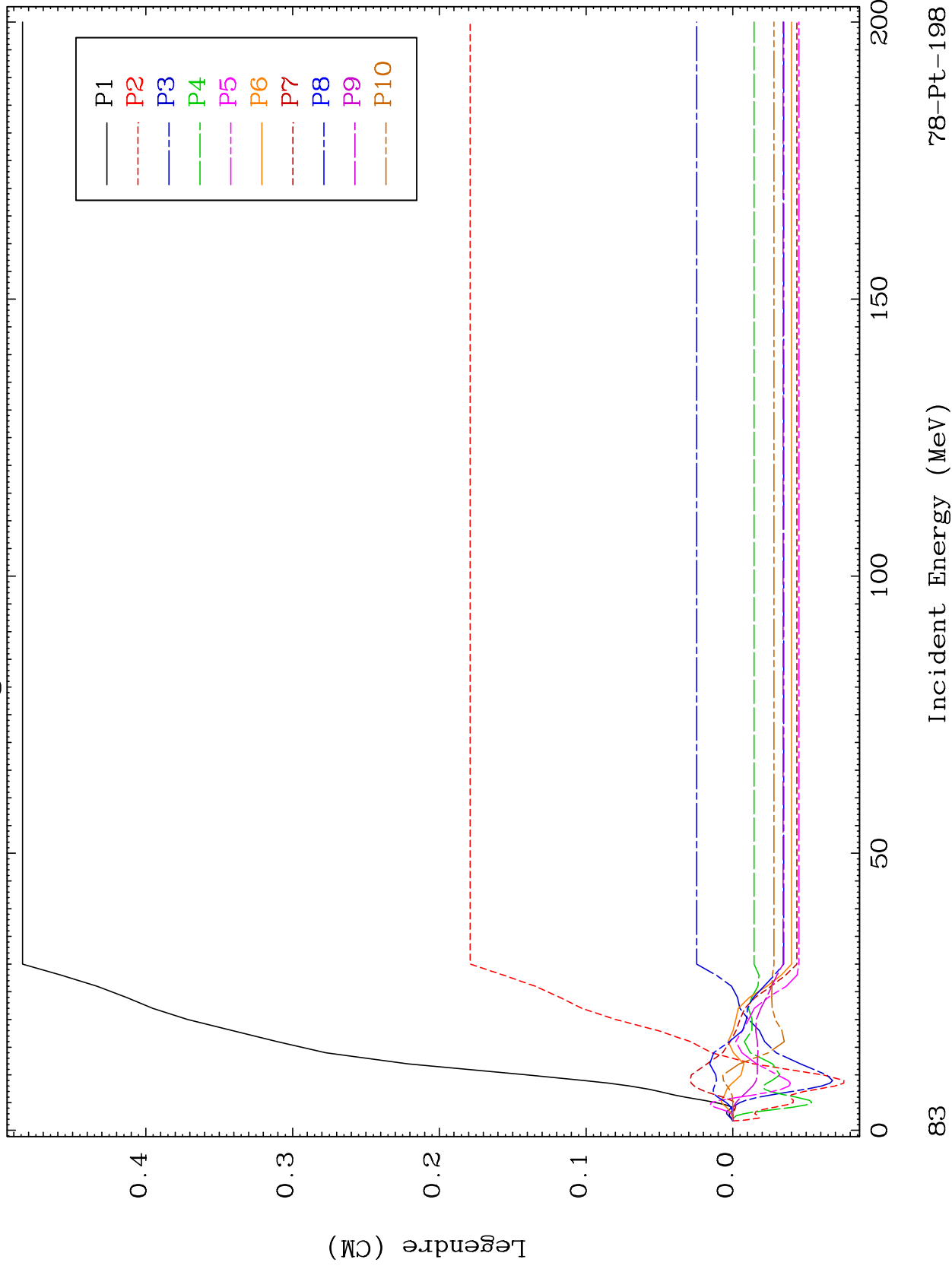




MAT 7849

1.680 MeV (n,n') Level
Legendre Coefficients

78-Pt-198



78-Pt-198

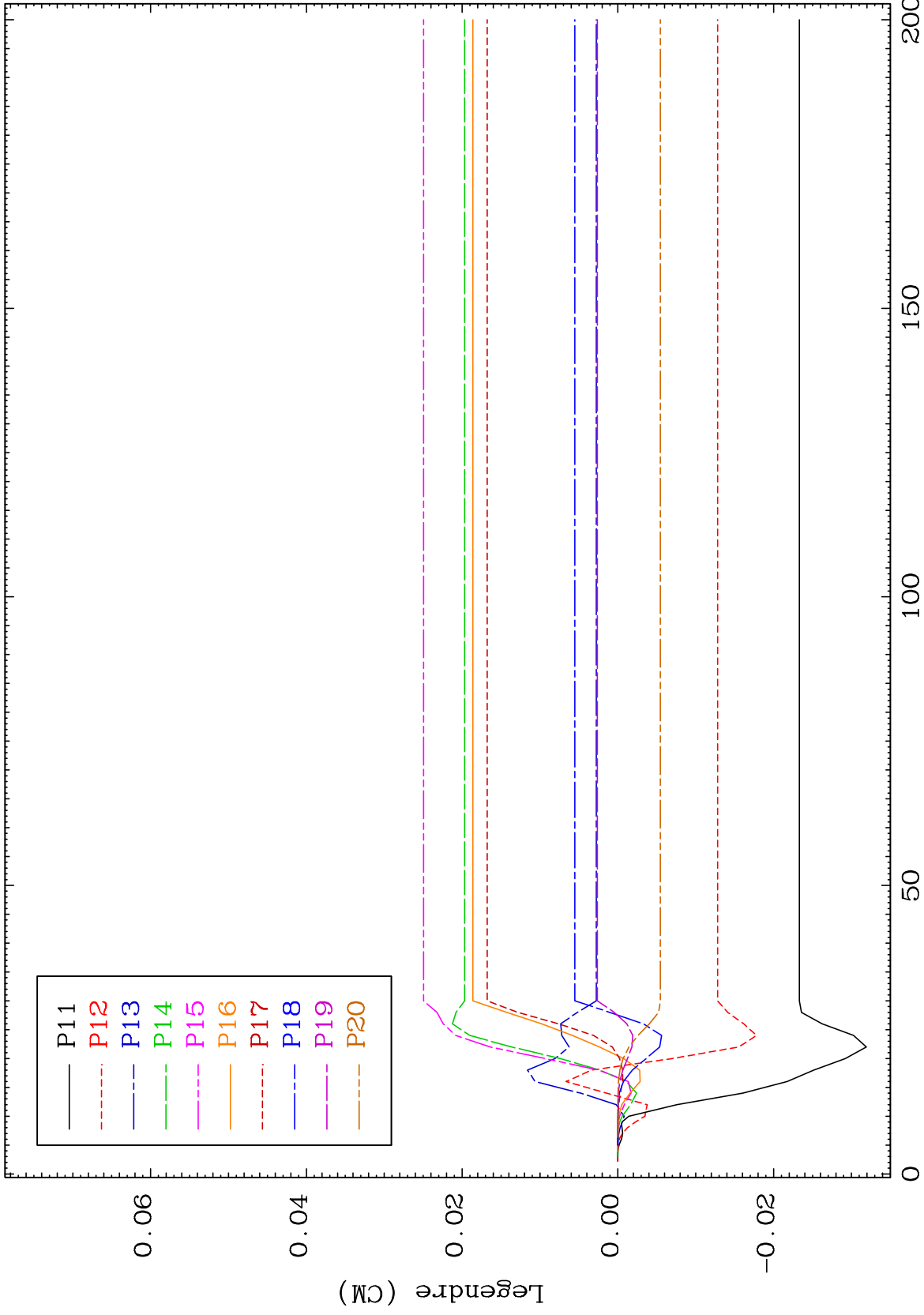
Incident Energy (MeV)

83

MAT 7849

1.680 MeV (n,n') Level
Legendre Coefficients

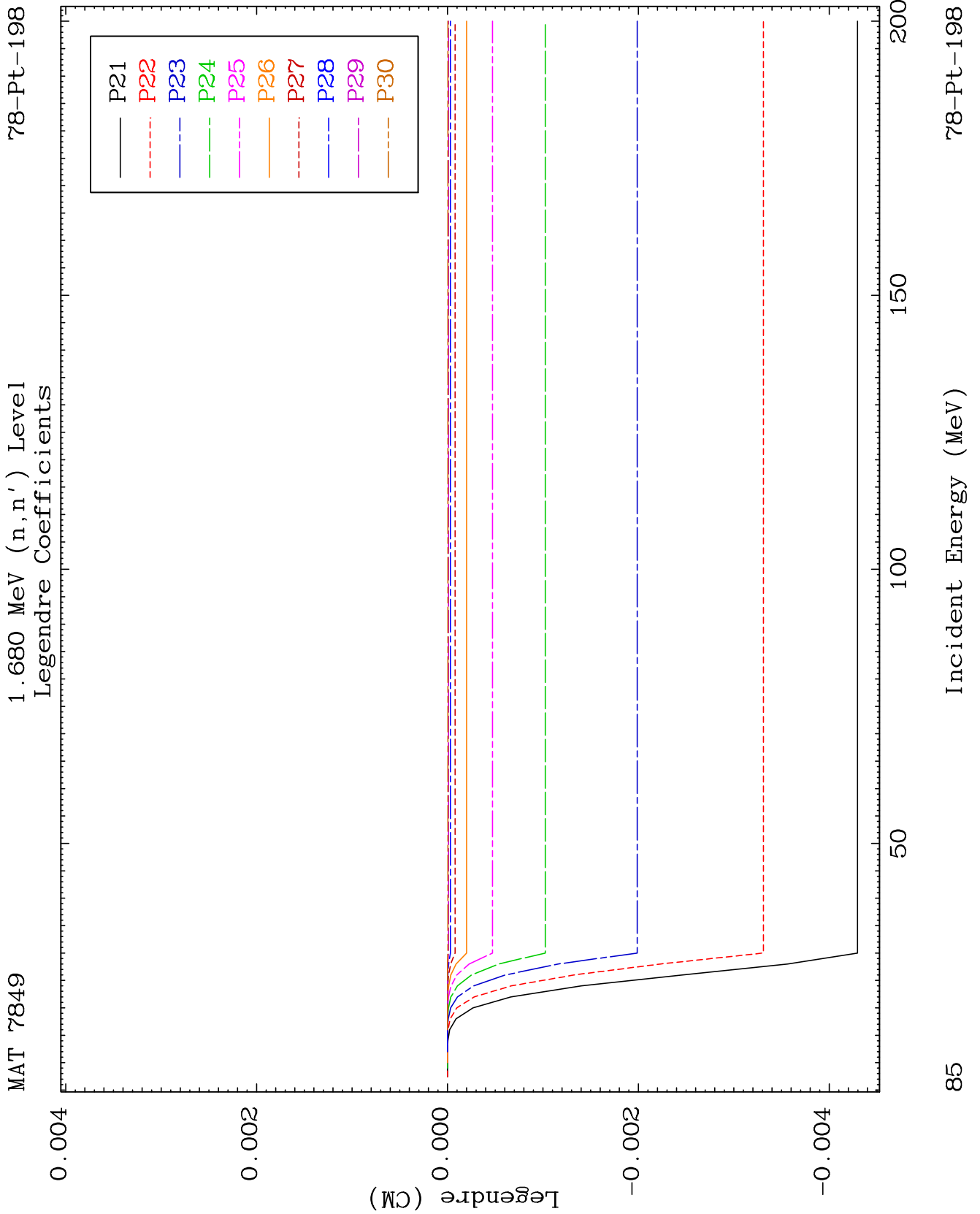
78-Pt-198

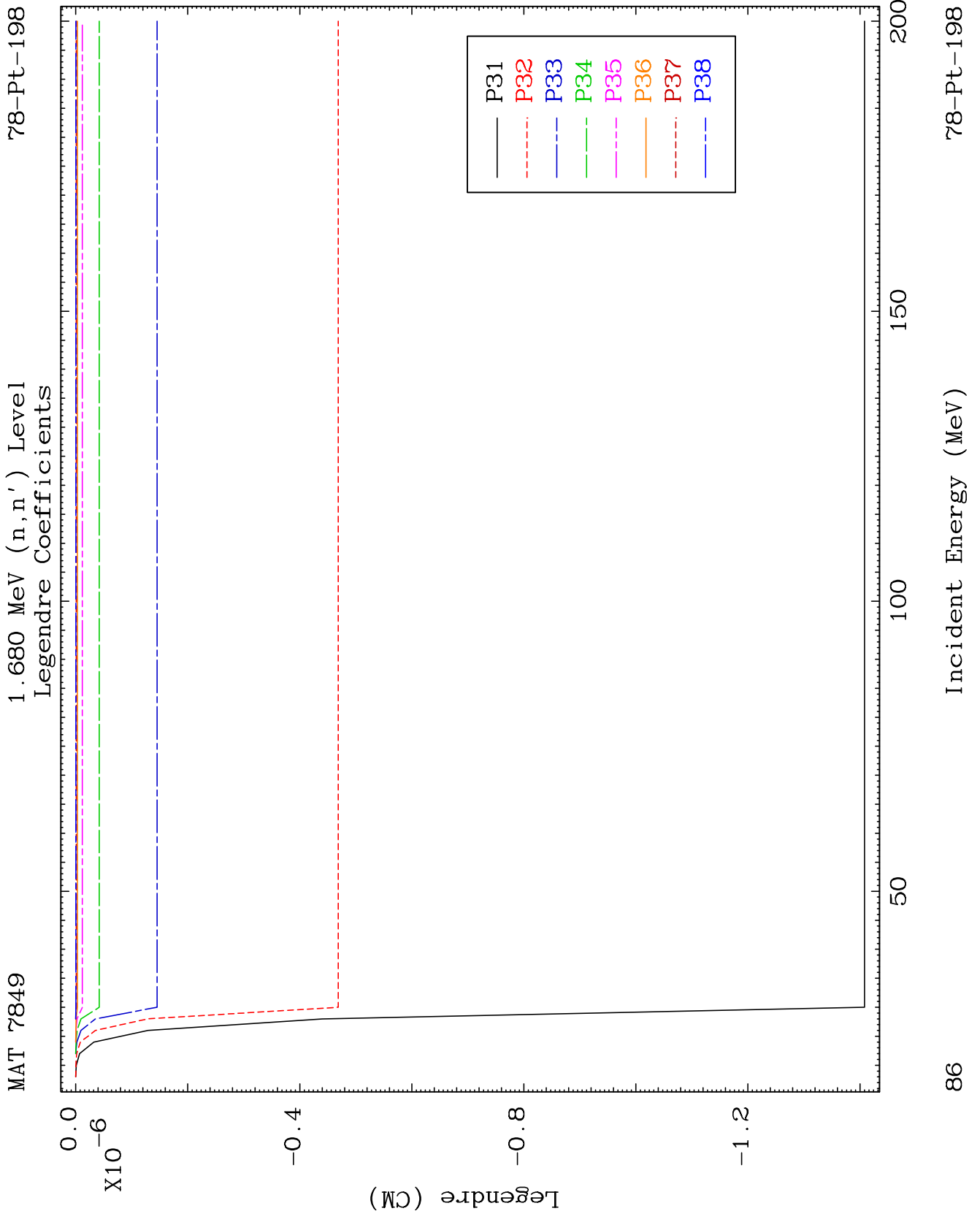


84

Incident Energy (MeV)

78-Pt-198

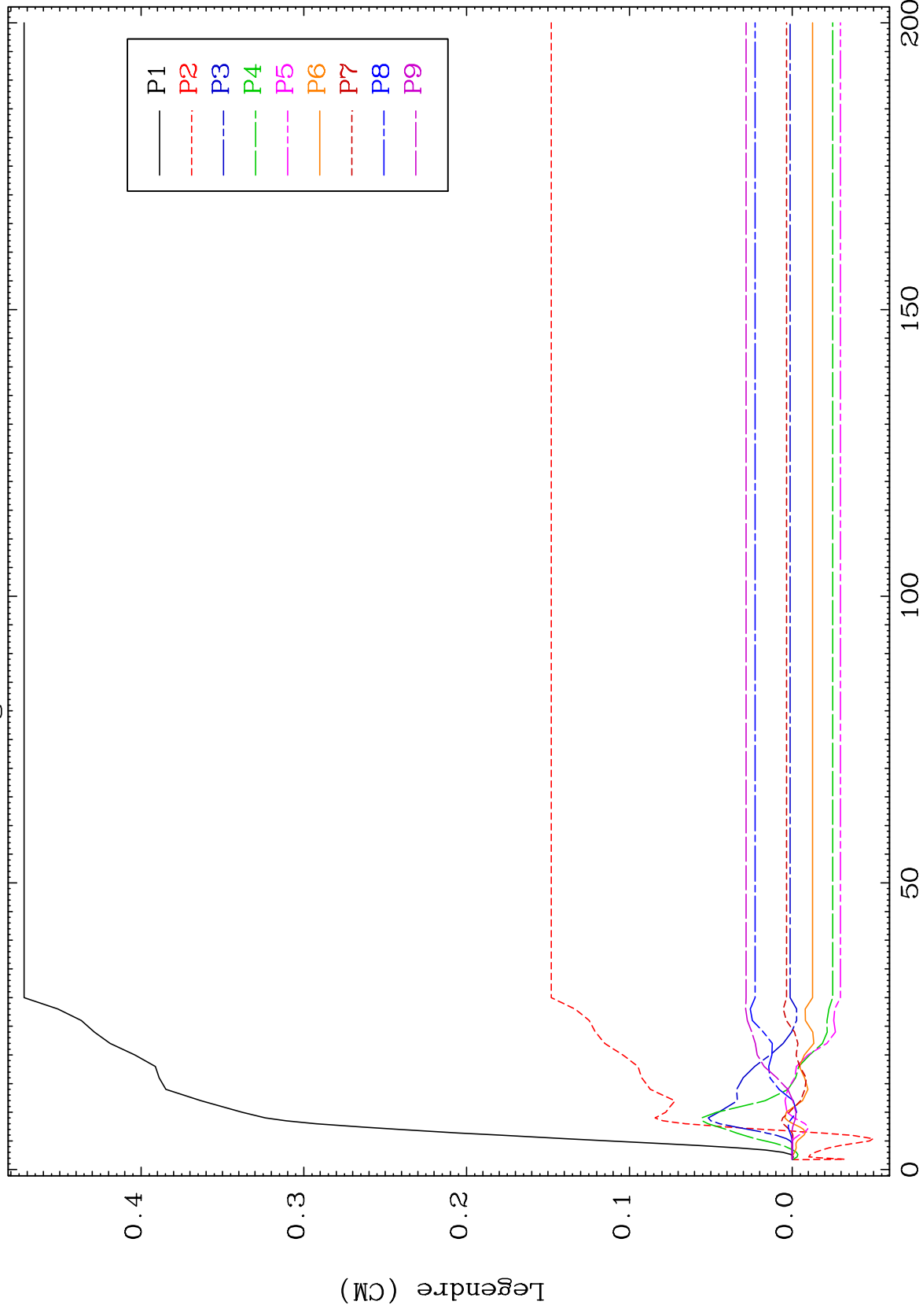




MAT 7849

1.714 MeV (n,n') Level
Legendre Coefficients

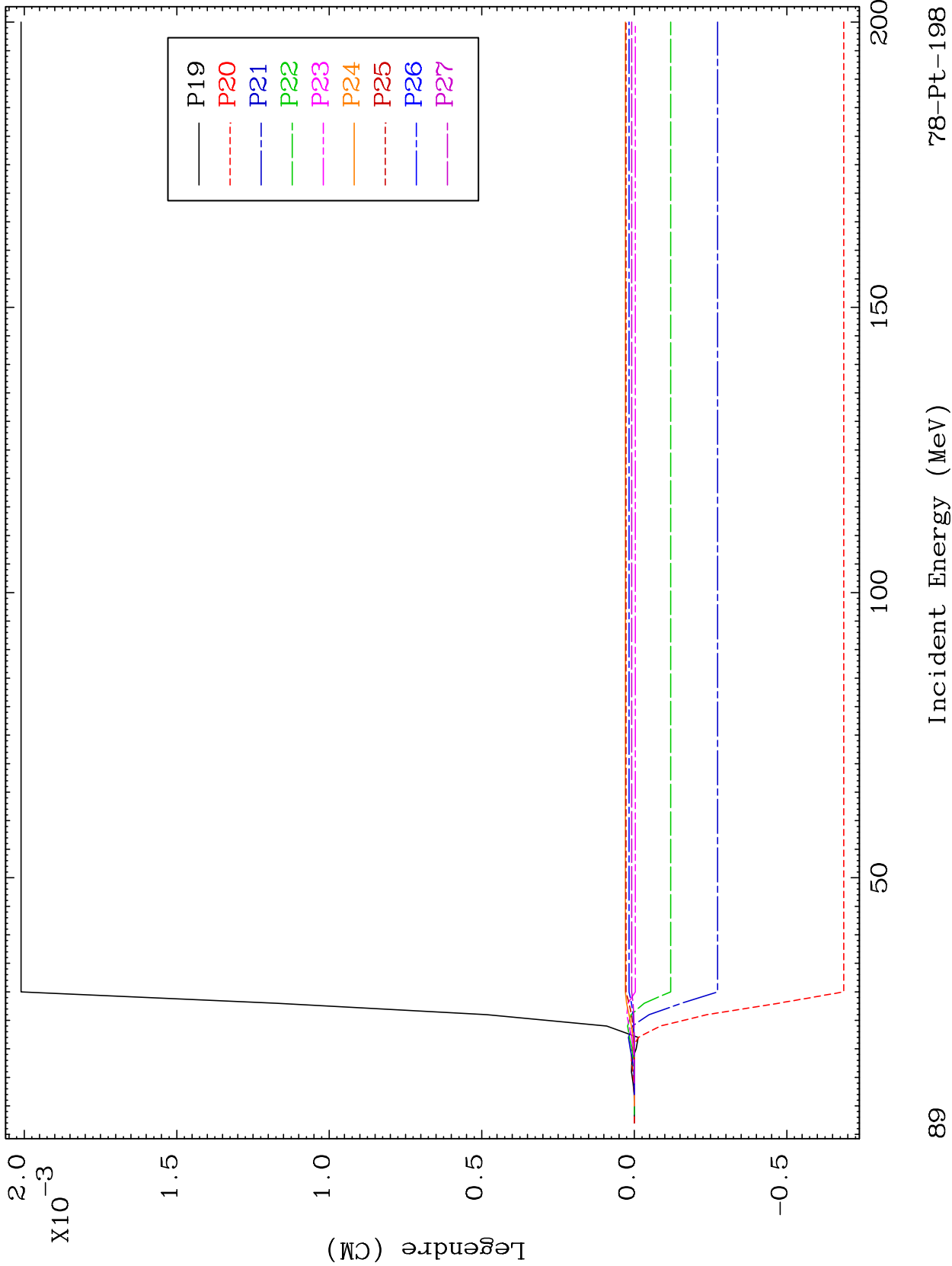
78-Pt-198

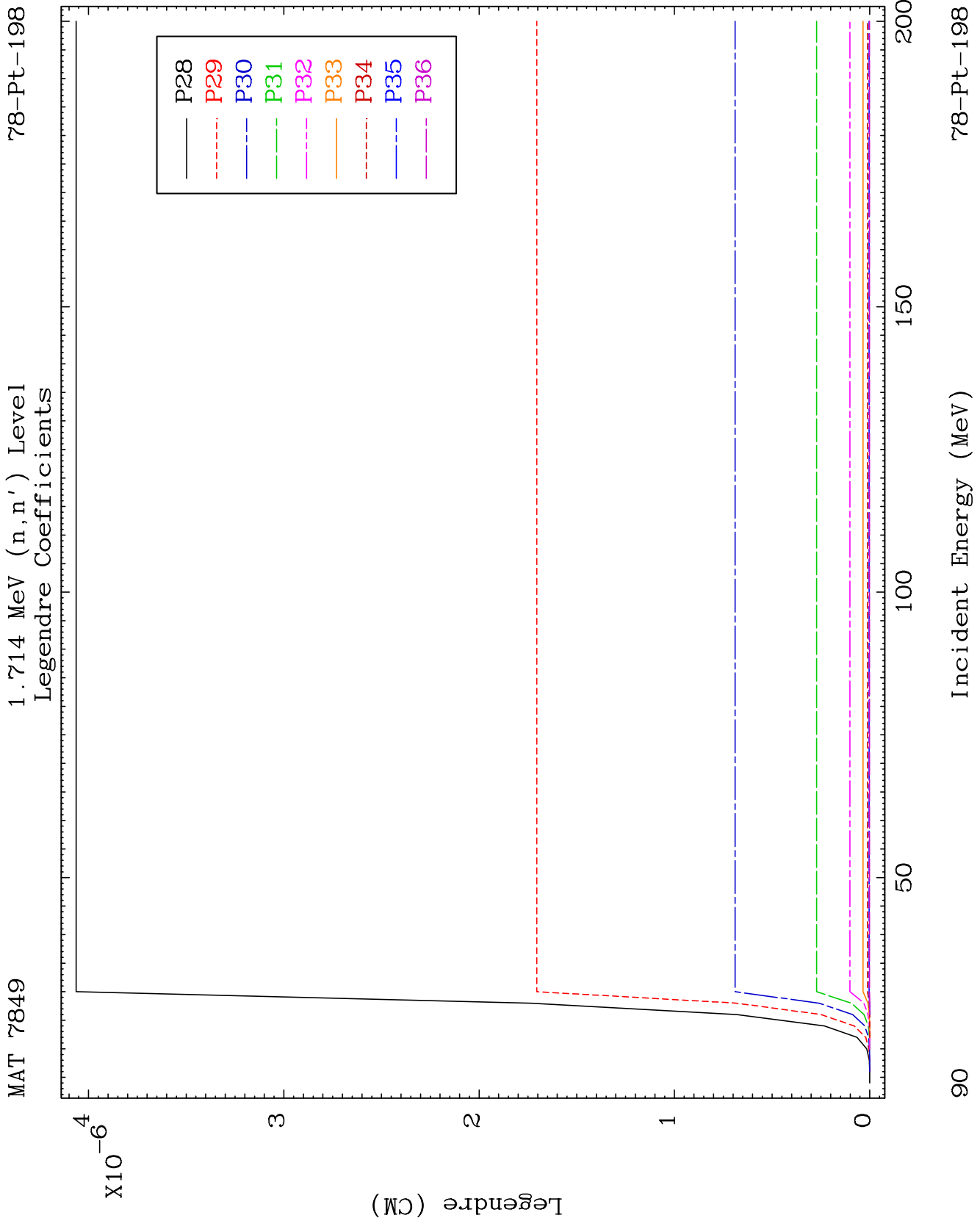


87

Incident Energy (MeV)

78-Pt-198

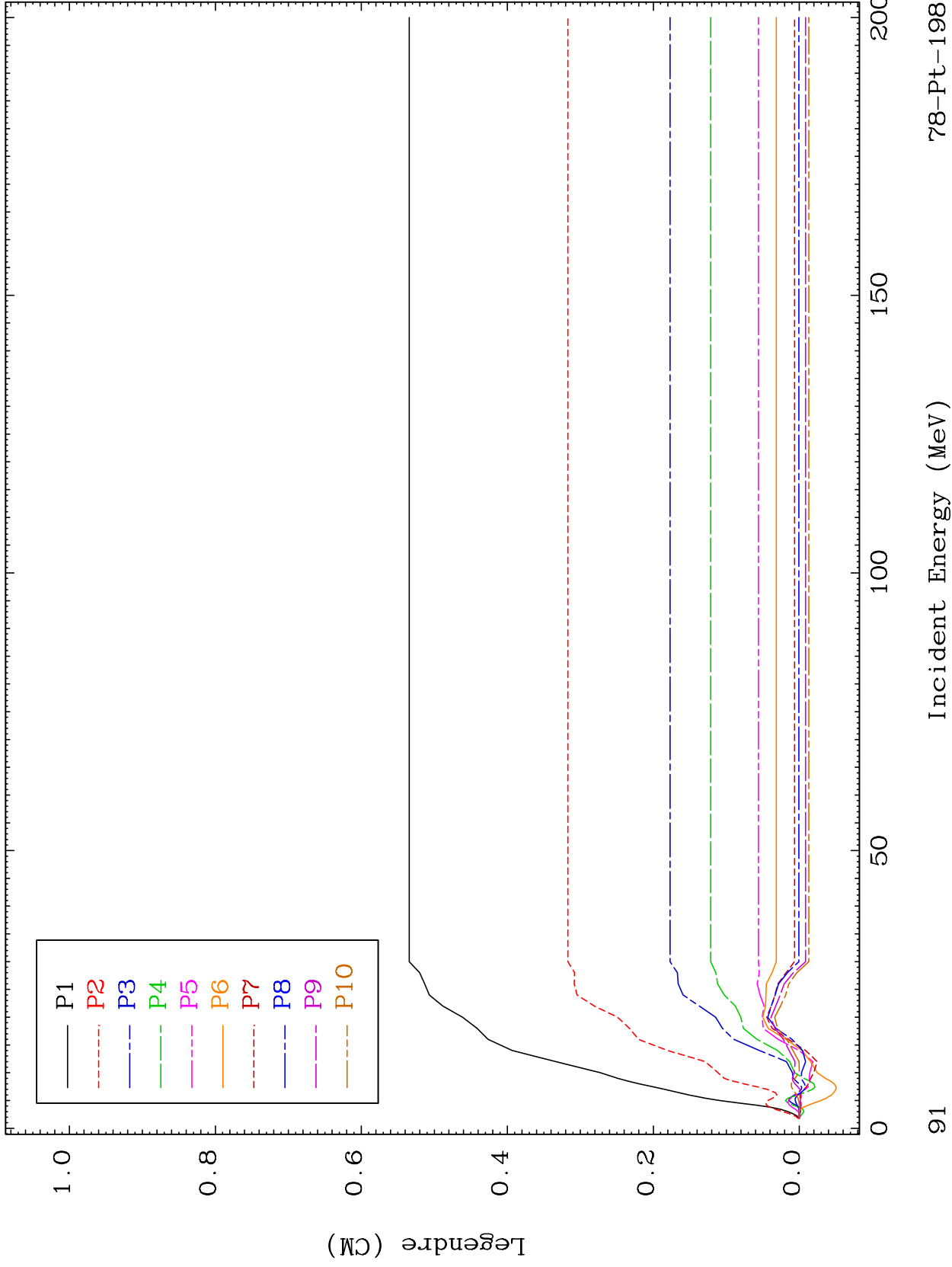




MAT 7849

1.718 MeV (n, n') Level
Legendre Coefficients

78-Pt-198



91

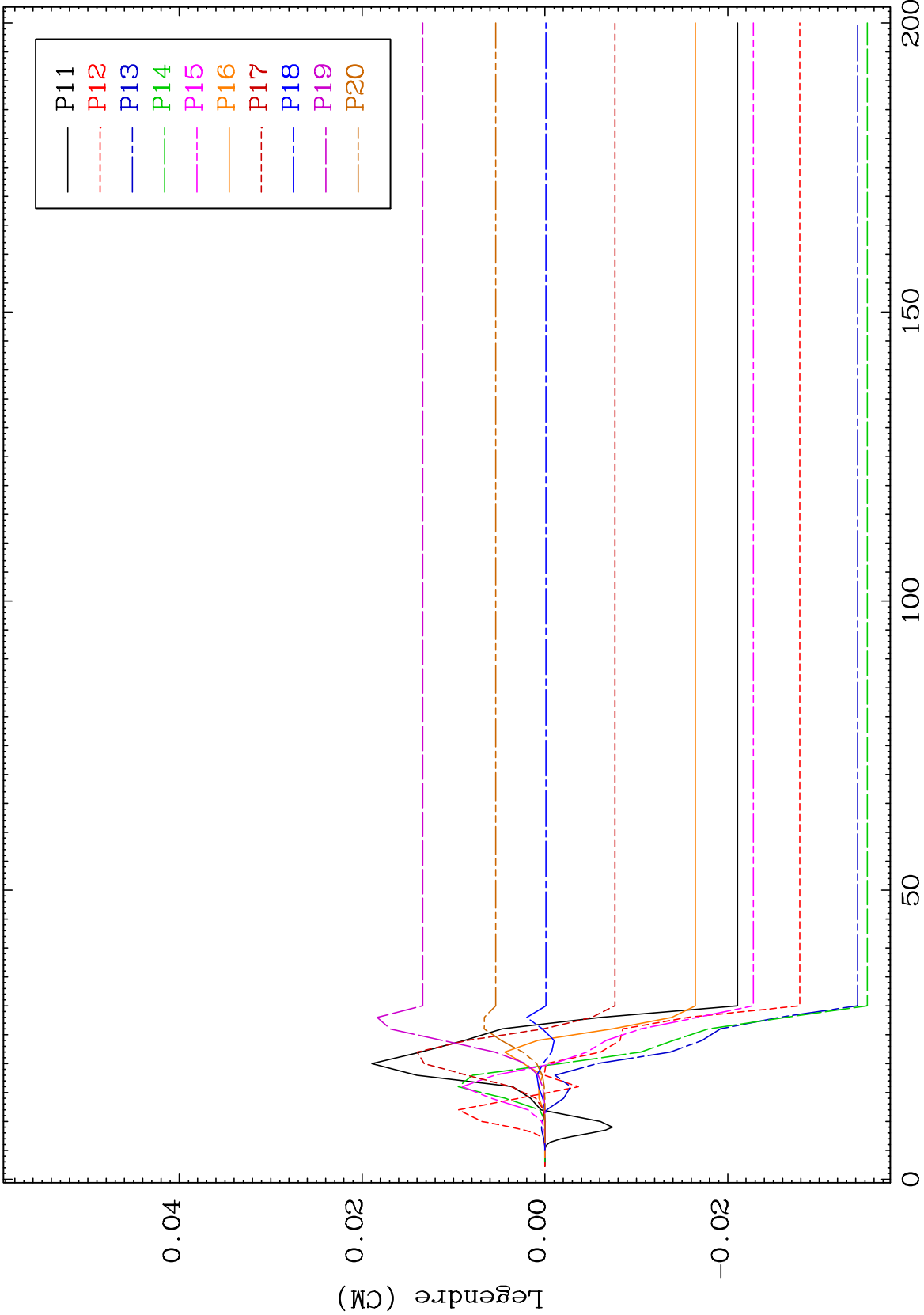
Incident Energy (MeV)

78-Pt-198

MAT 7849

1.718 MeV (n,n') Level
Legendre Coefficients

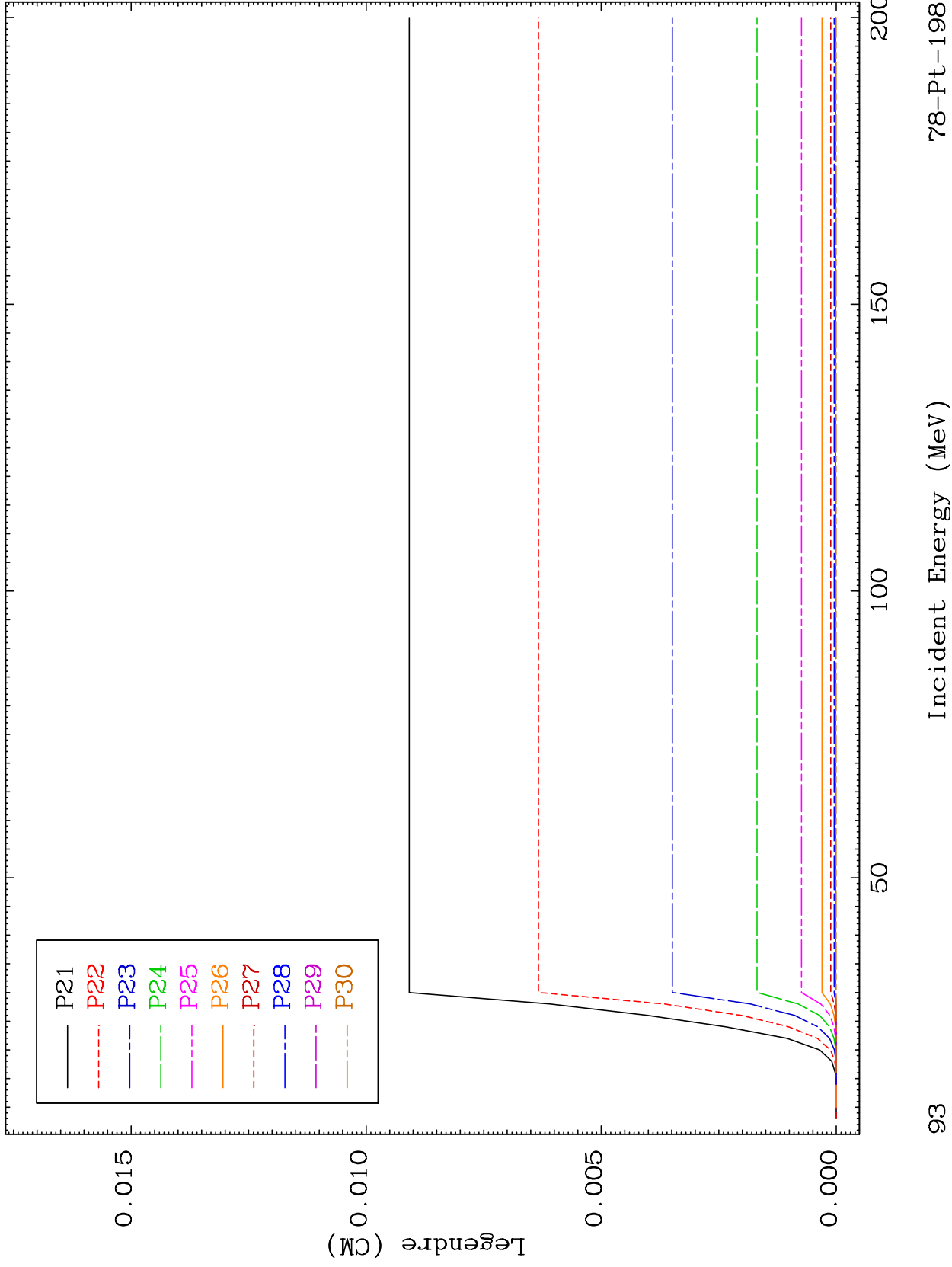
78-Pt-198



92

Incident Energy (MeV)

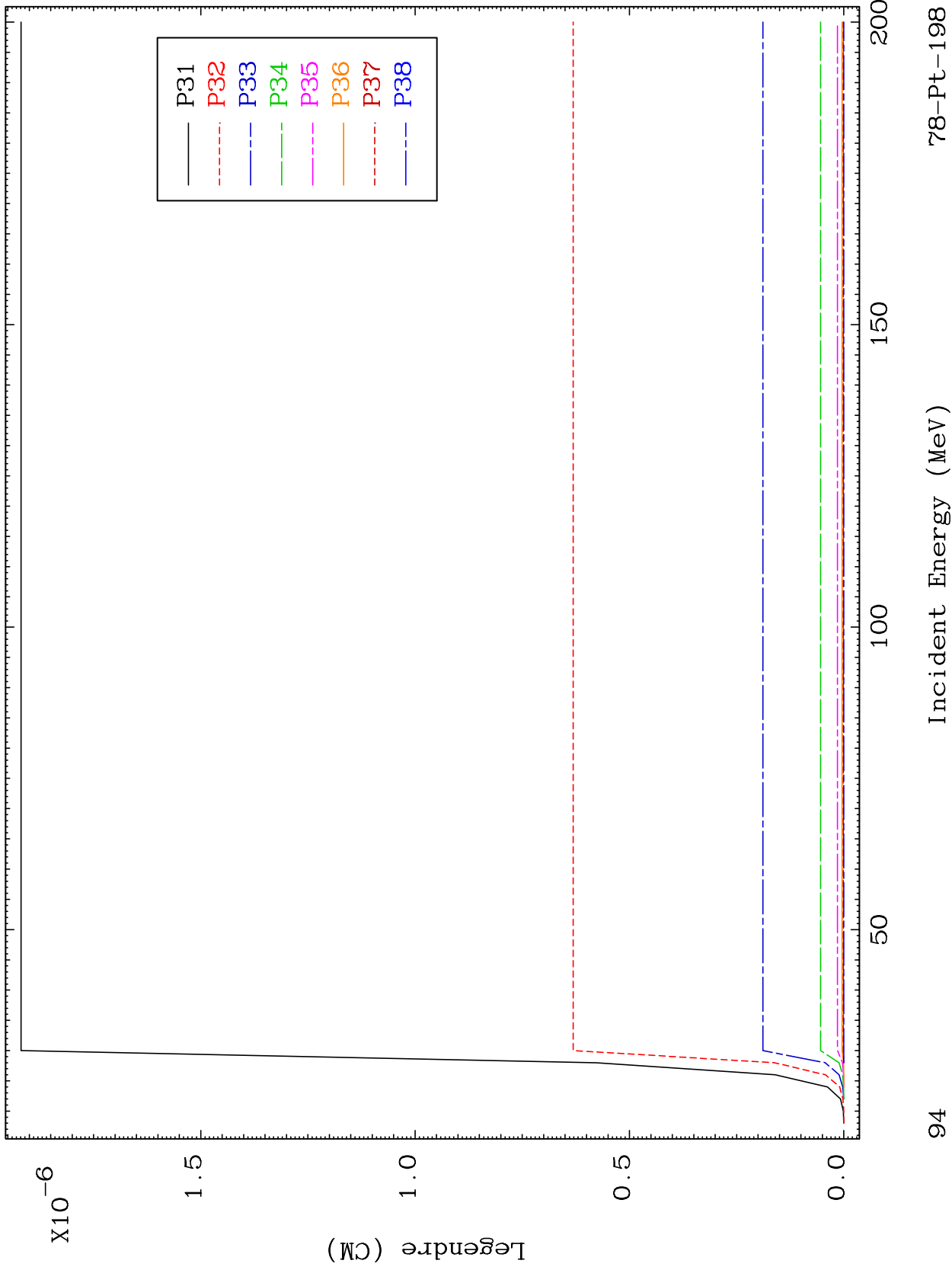
78-Pt-198

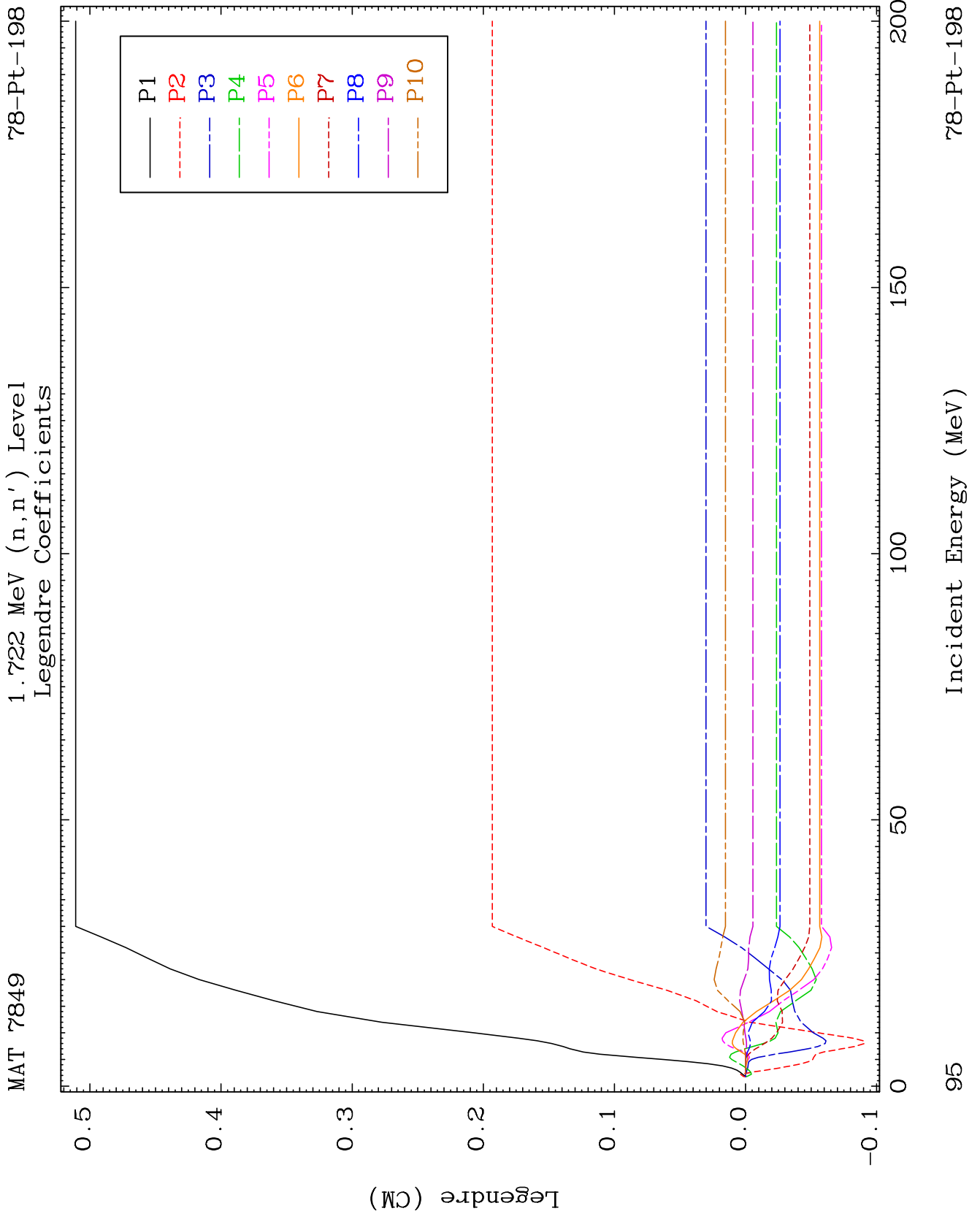


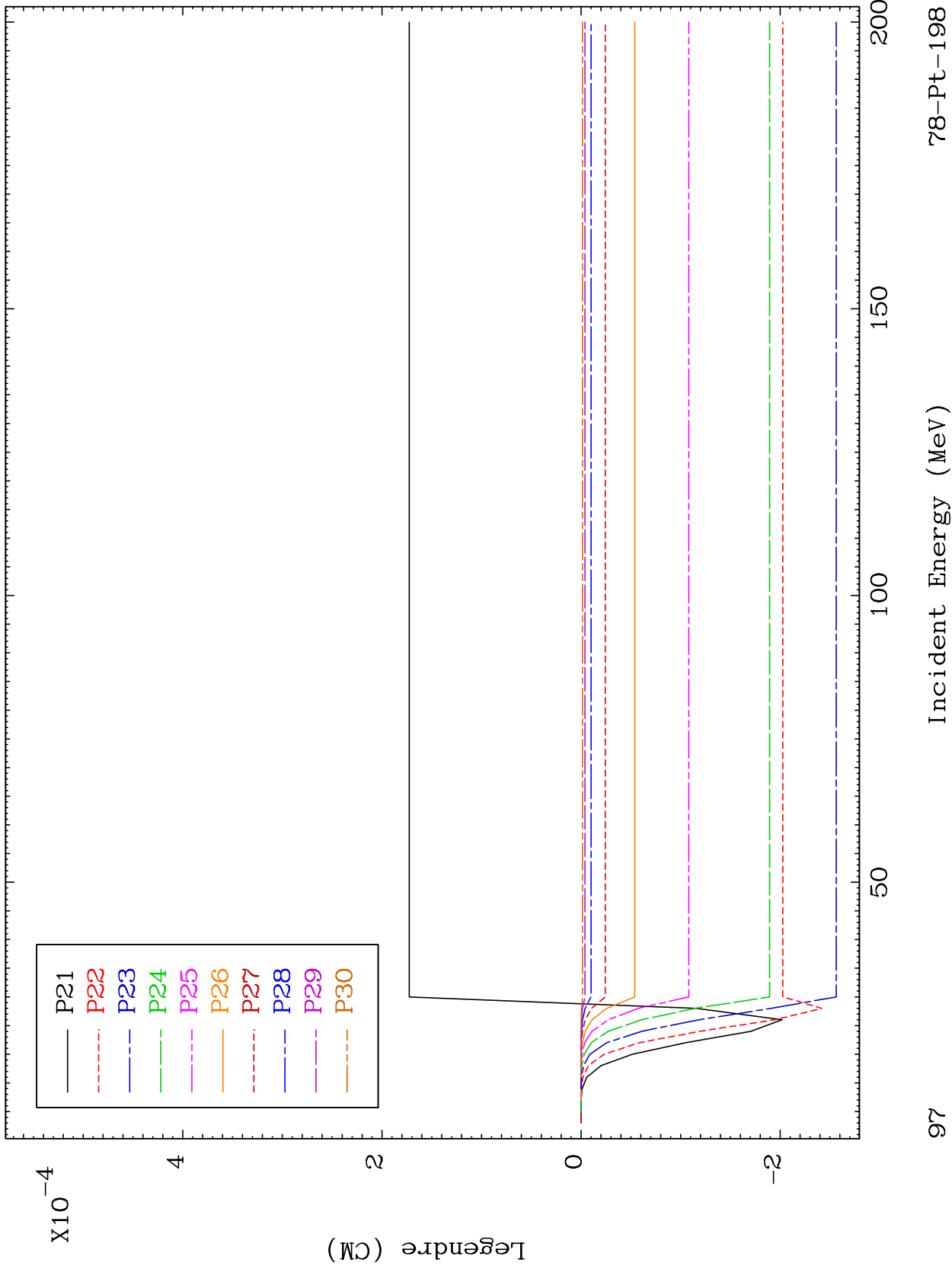
MAT 7849

1.718 MeV (n, n') Level
Legendre Coefficients

78-Pt-198



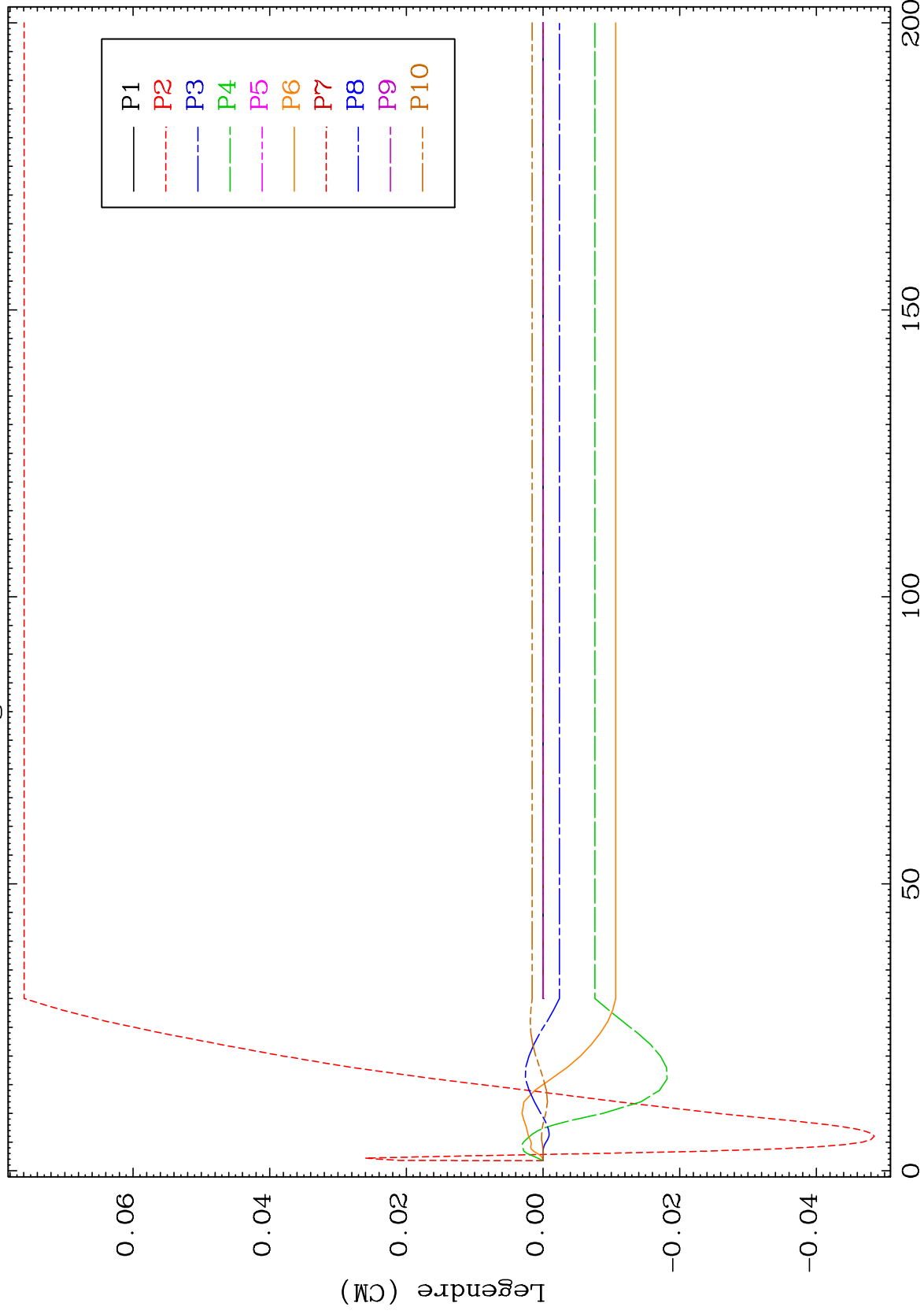




MAT 7849

1.741 MeV (n,n') Level
Legendre Coefficients

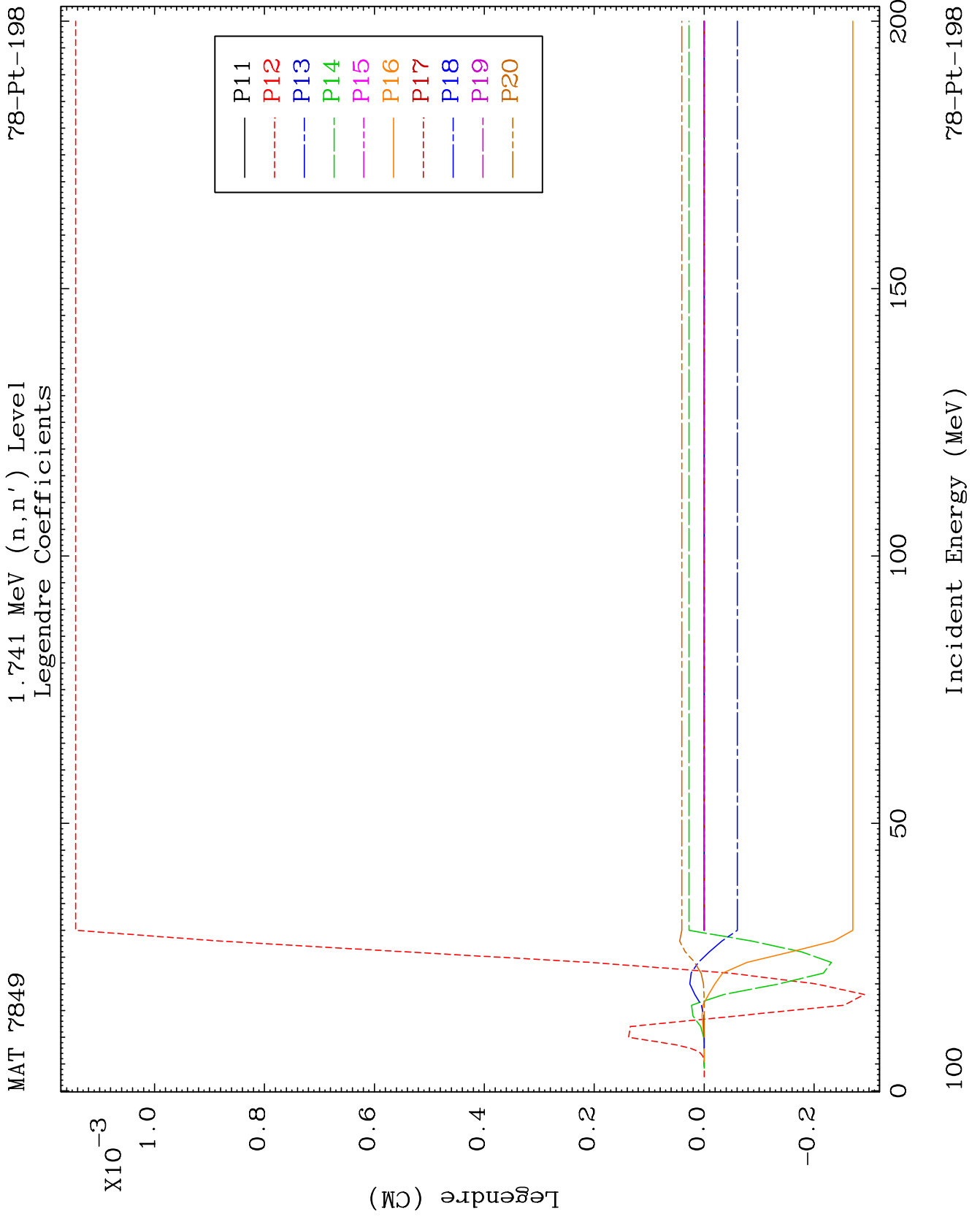
78-Pt-198

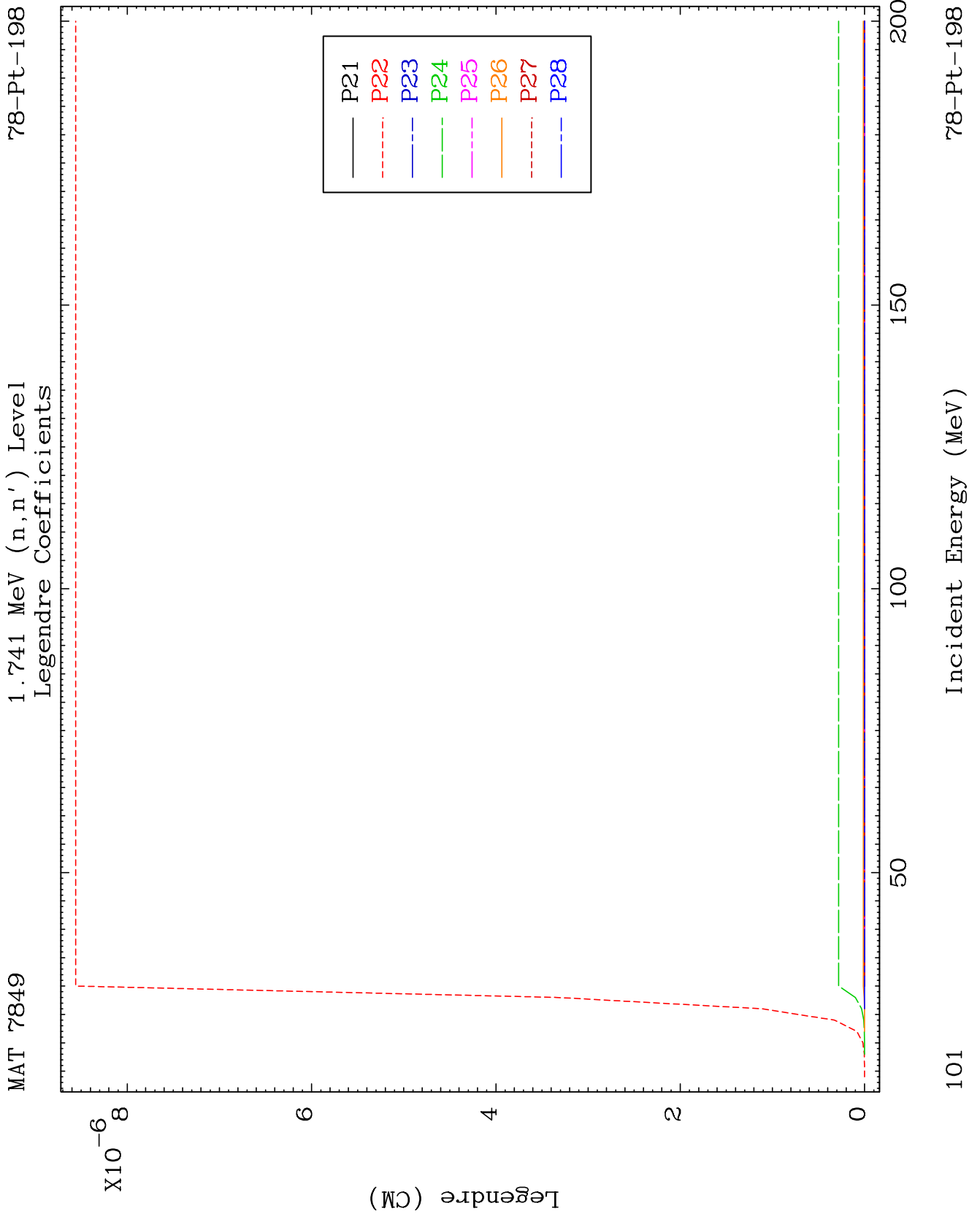


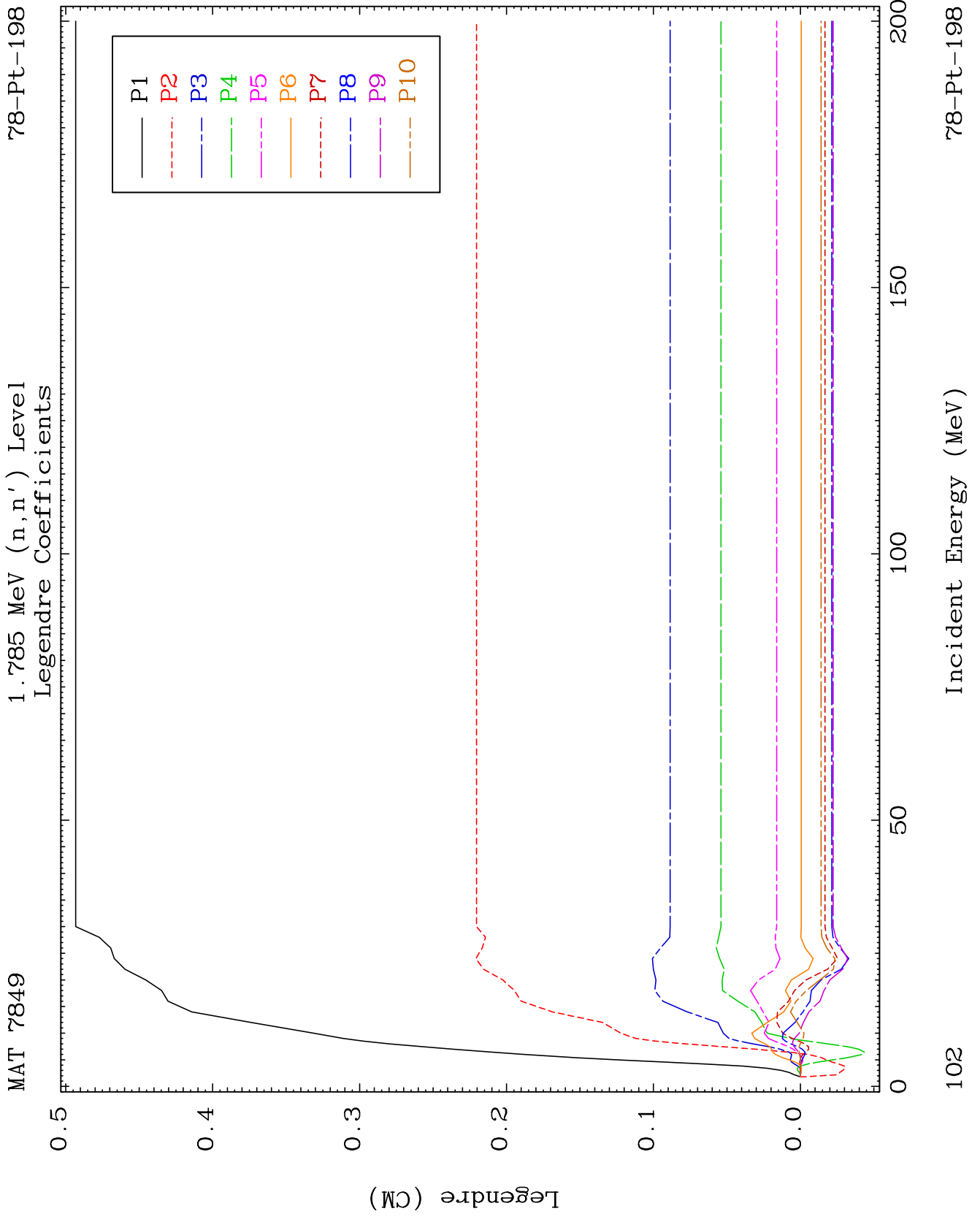
Incident Energy (MeV)

78-Pt-198

99



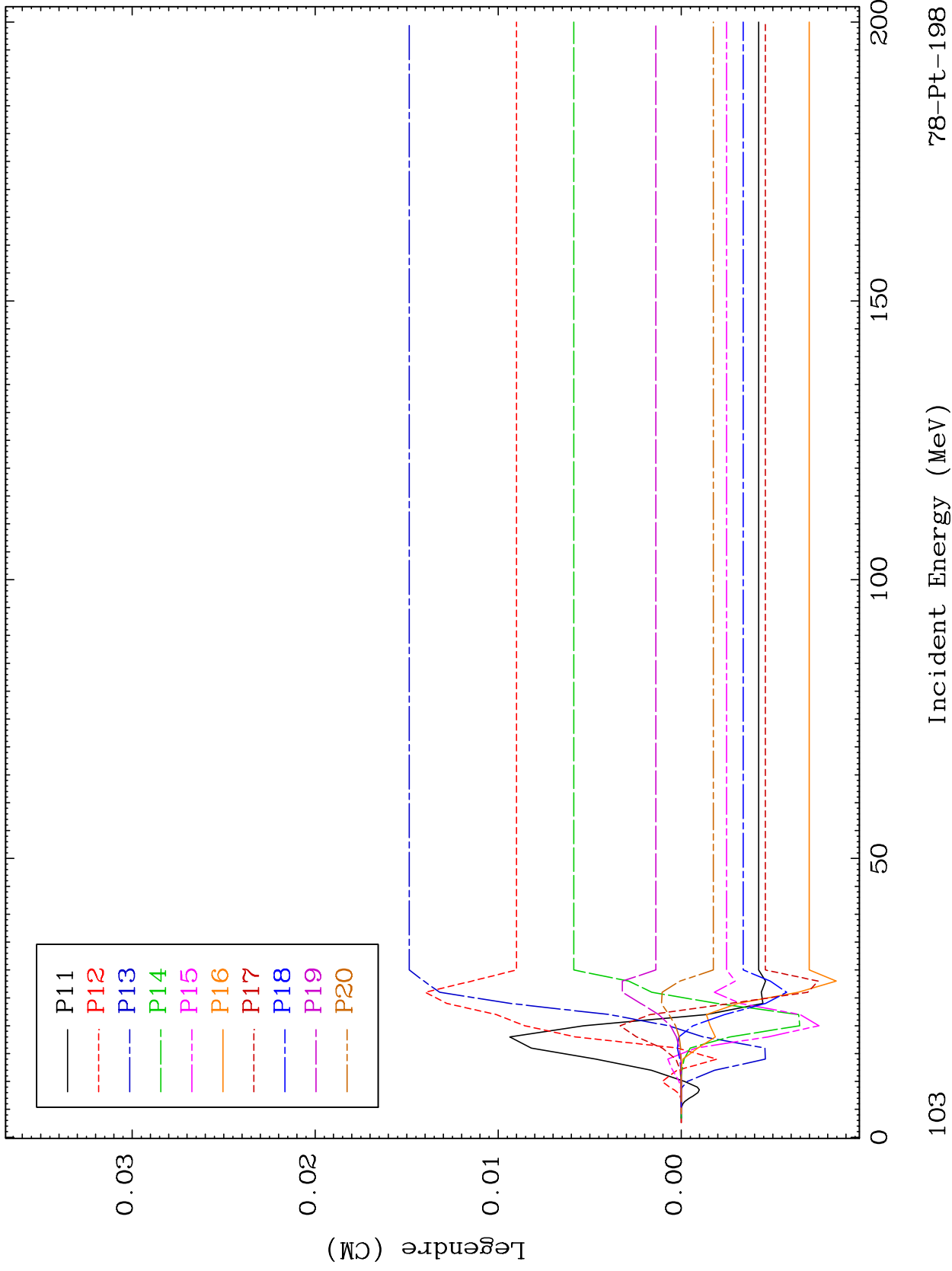




MAT 7849

1.785 MeV (n,n') Level
Legendre Coefficients

78-Pt-198



103

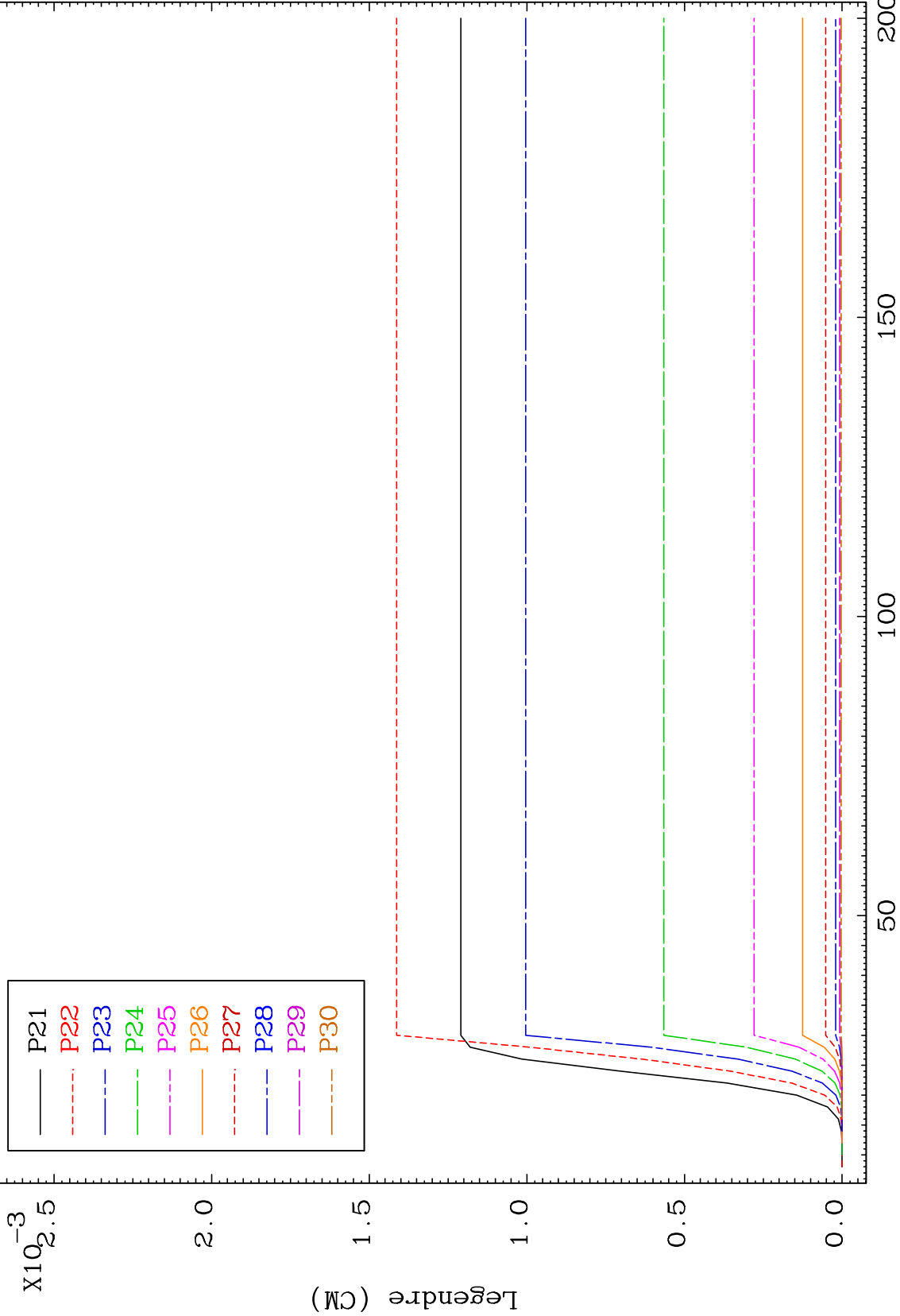
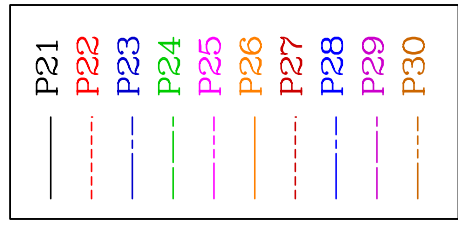
Incident Energy (MeV)

78-Pt-198

MAT 7849

1.785 MeV (n,n') Level
Legendre Coefficients

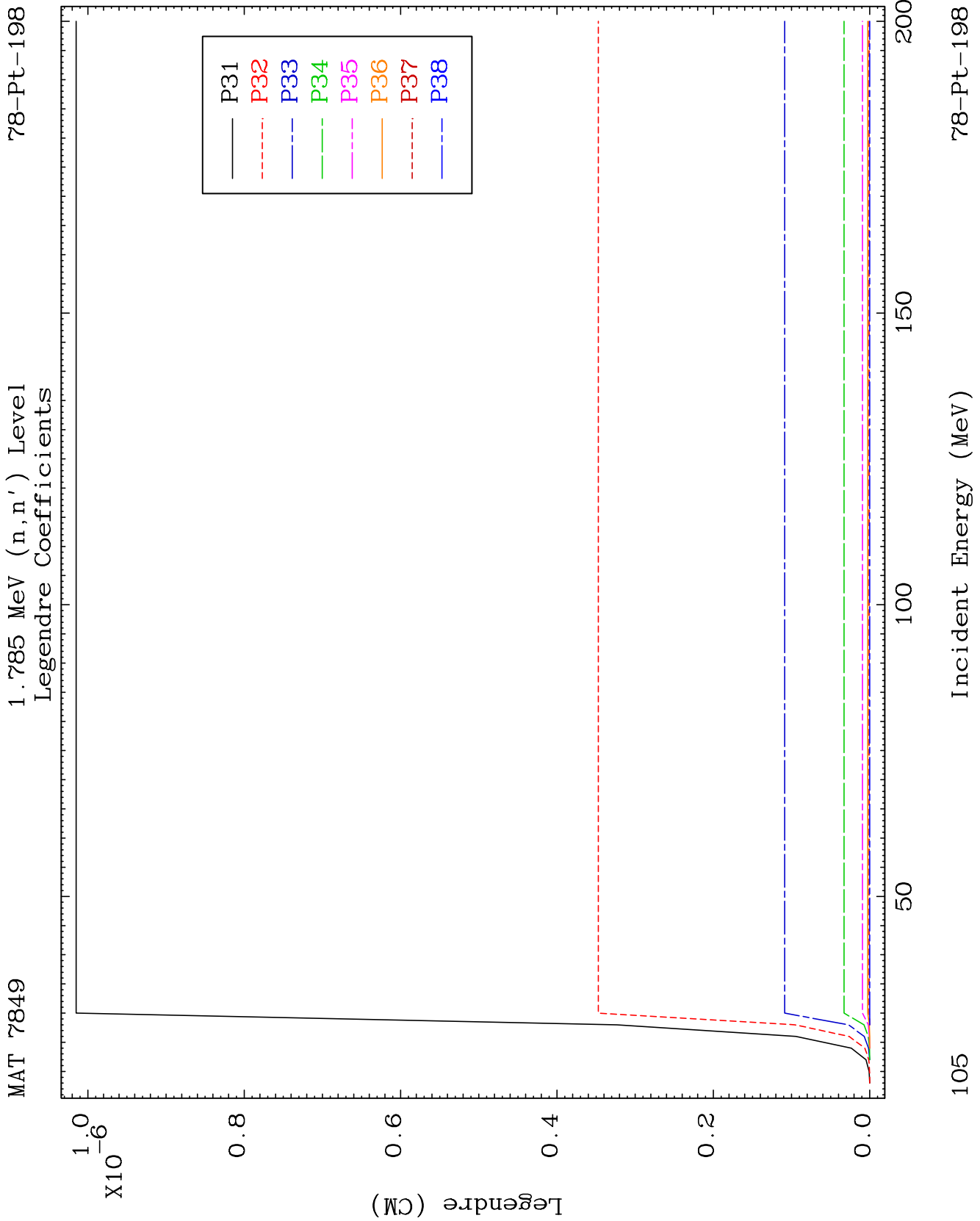
78-Pt-198

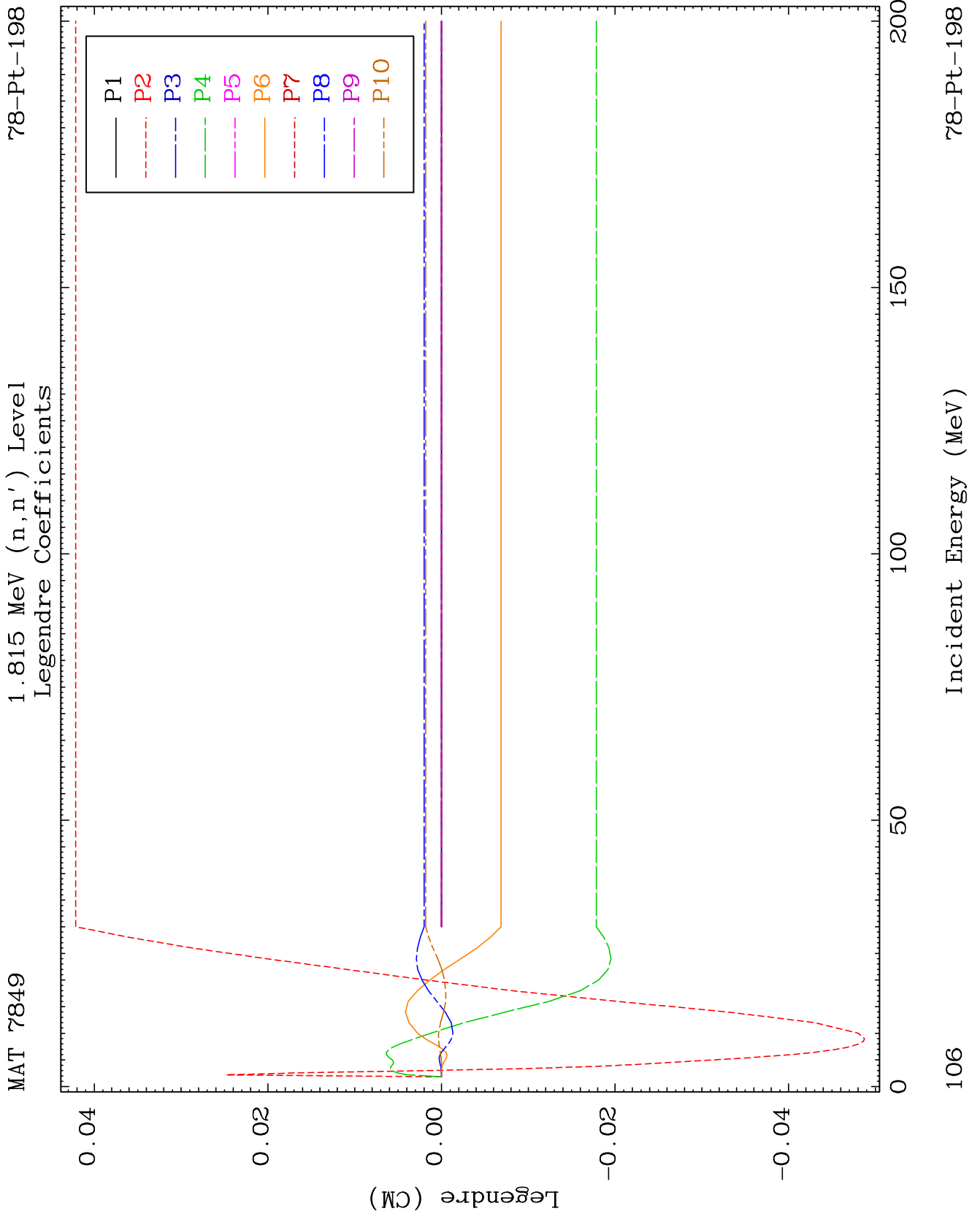


104

Incident Energy (MeV)

78-Pt-198

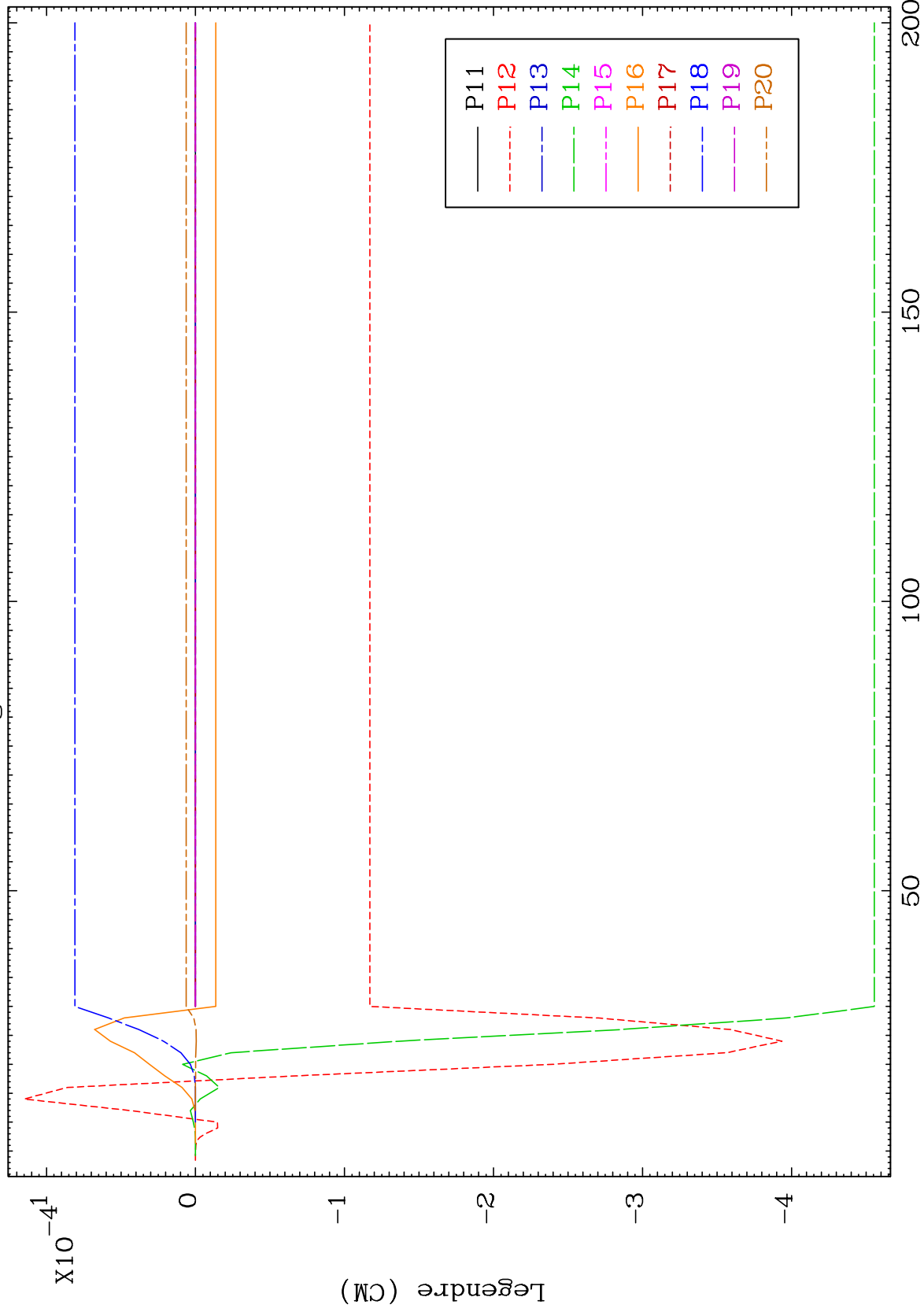




MAT 7849

1.815 MeV (n,n') Level
Legendre Coefficients

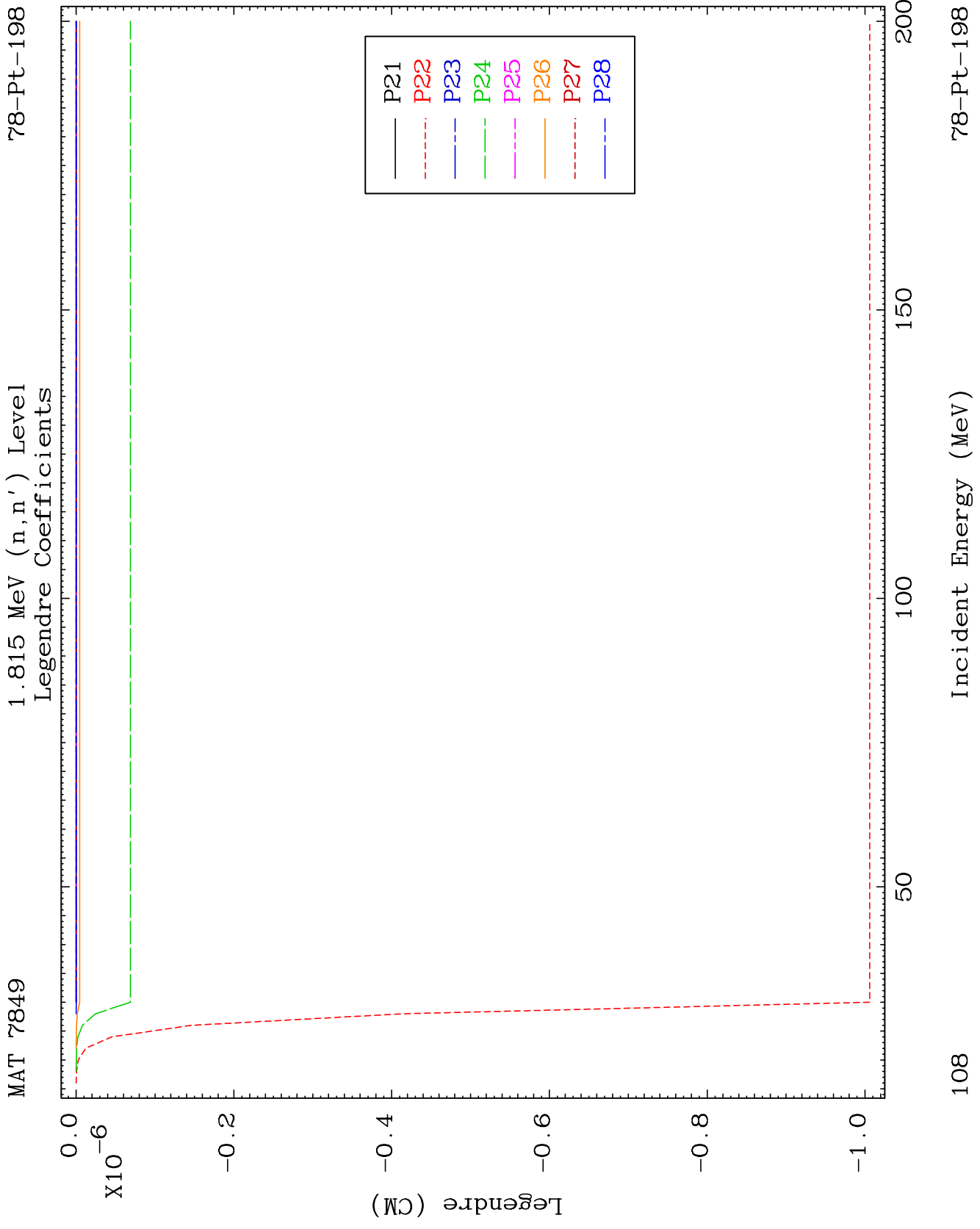
78-Pt-198

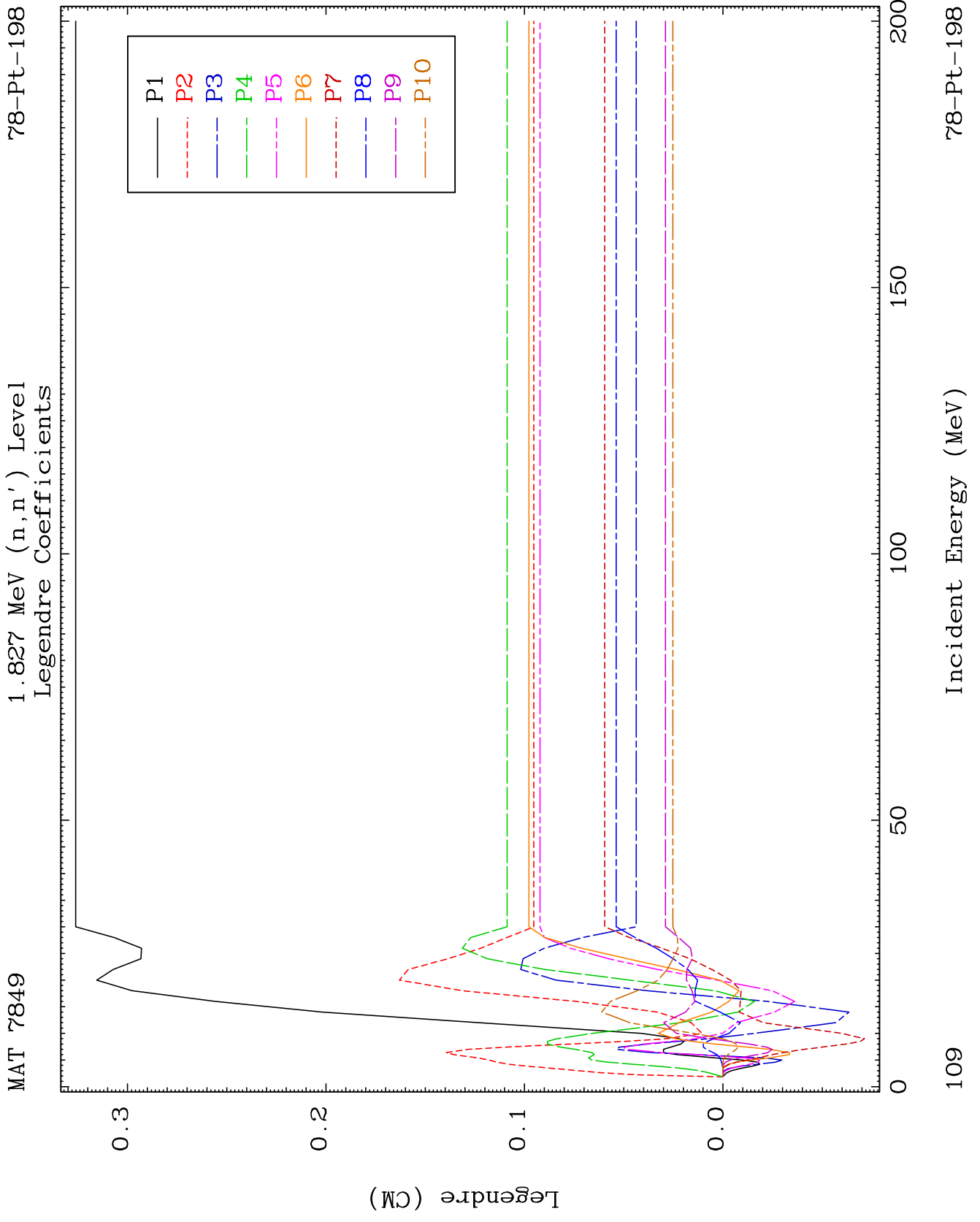


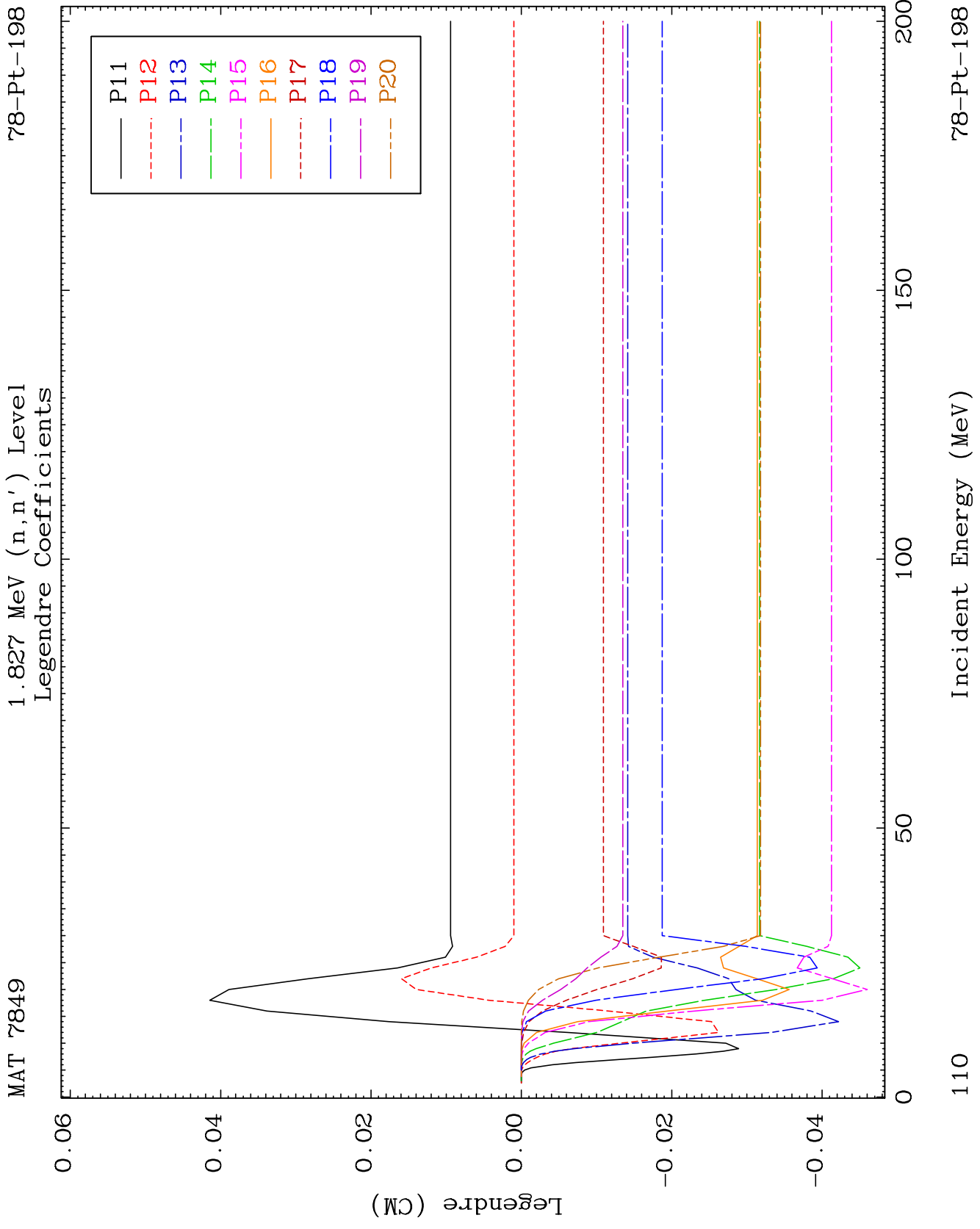
107

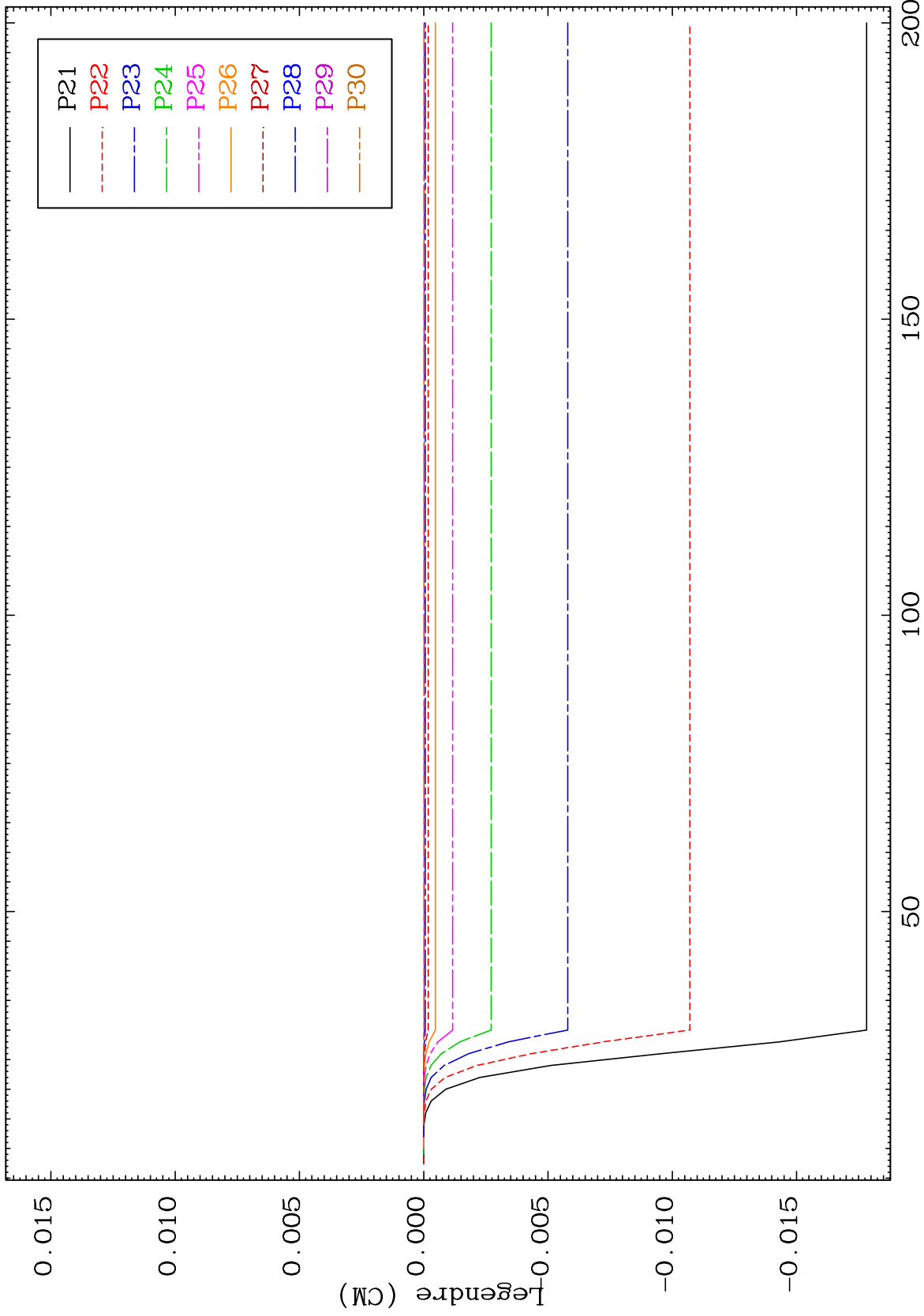
Incident Energy (MeV)

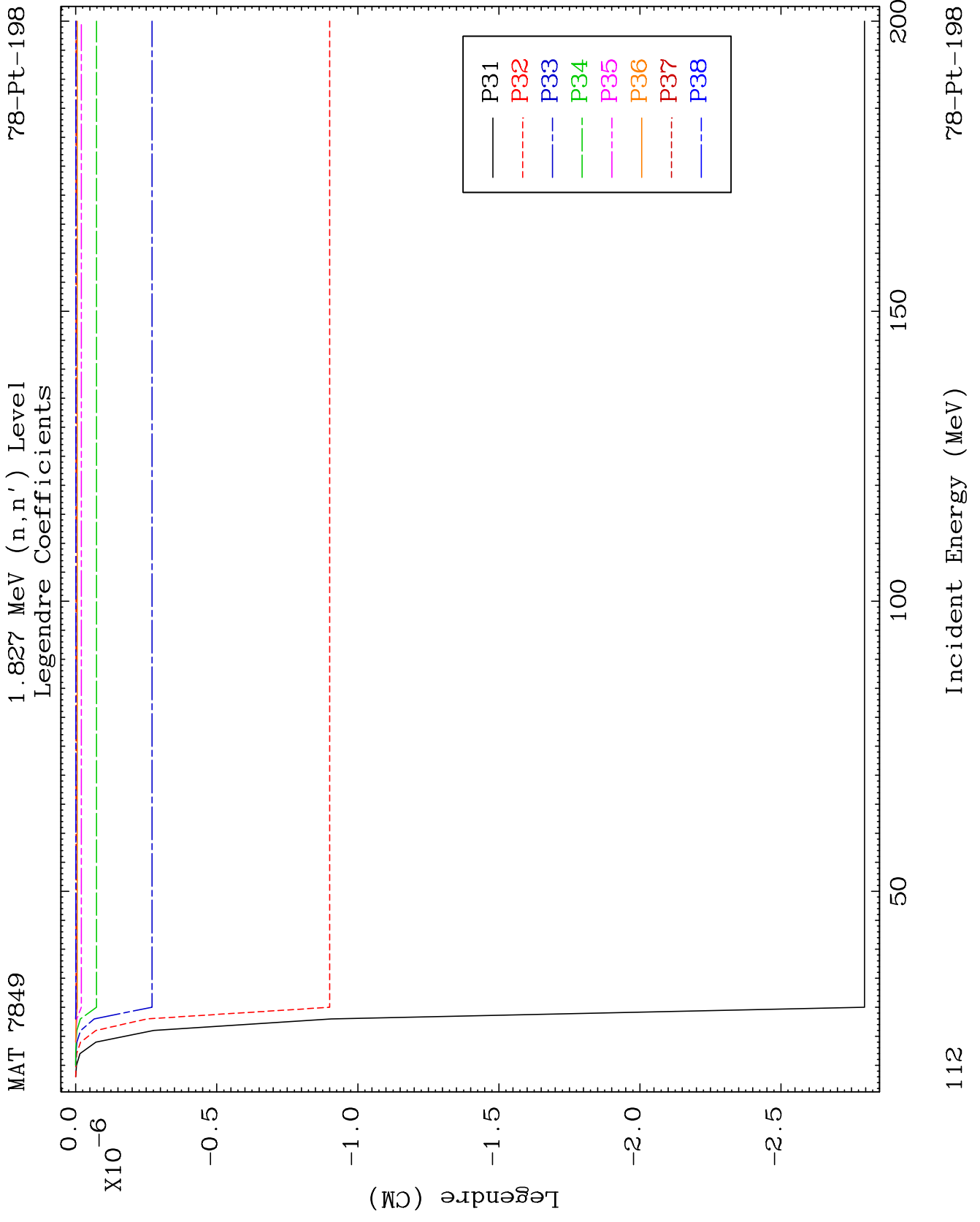
78-Pt-198







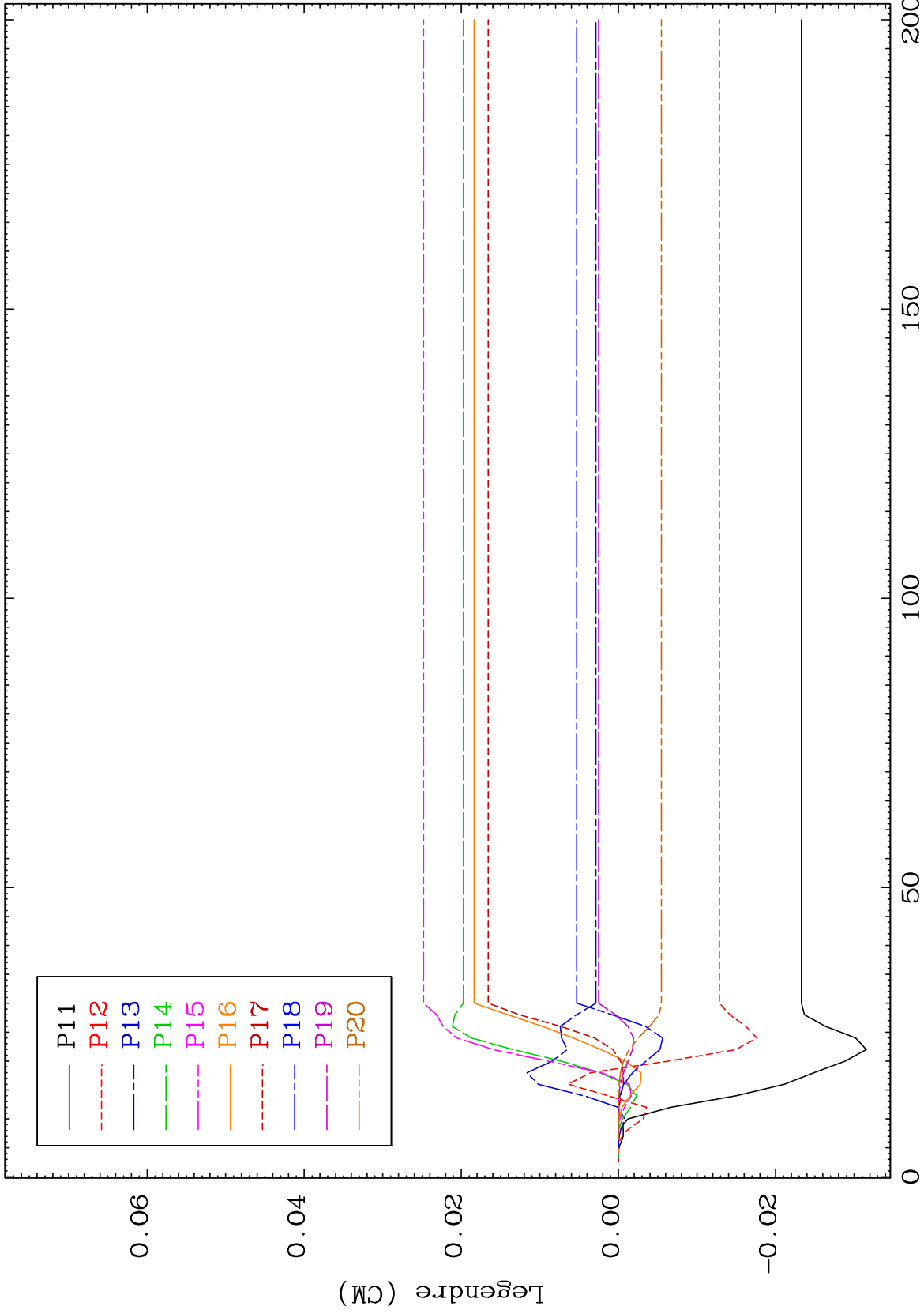




MAT 7849

1.849 MeV (n,n') Level
Legendre Coefficients

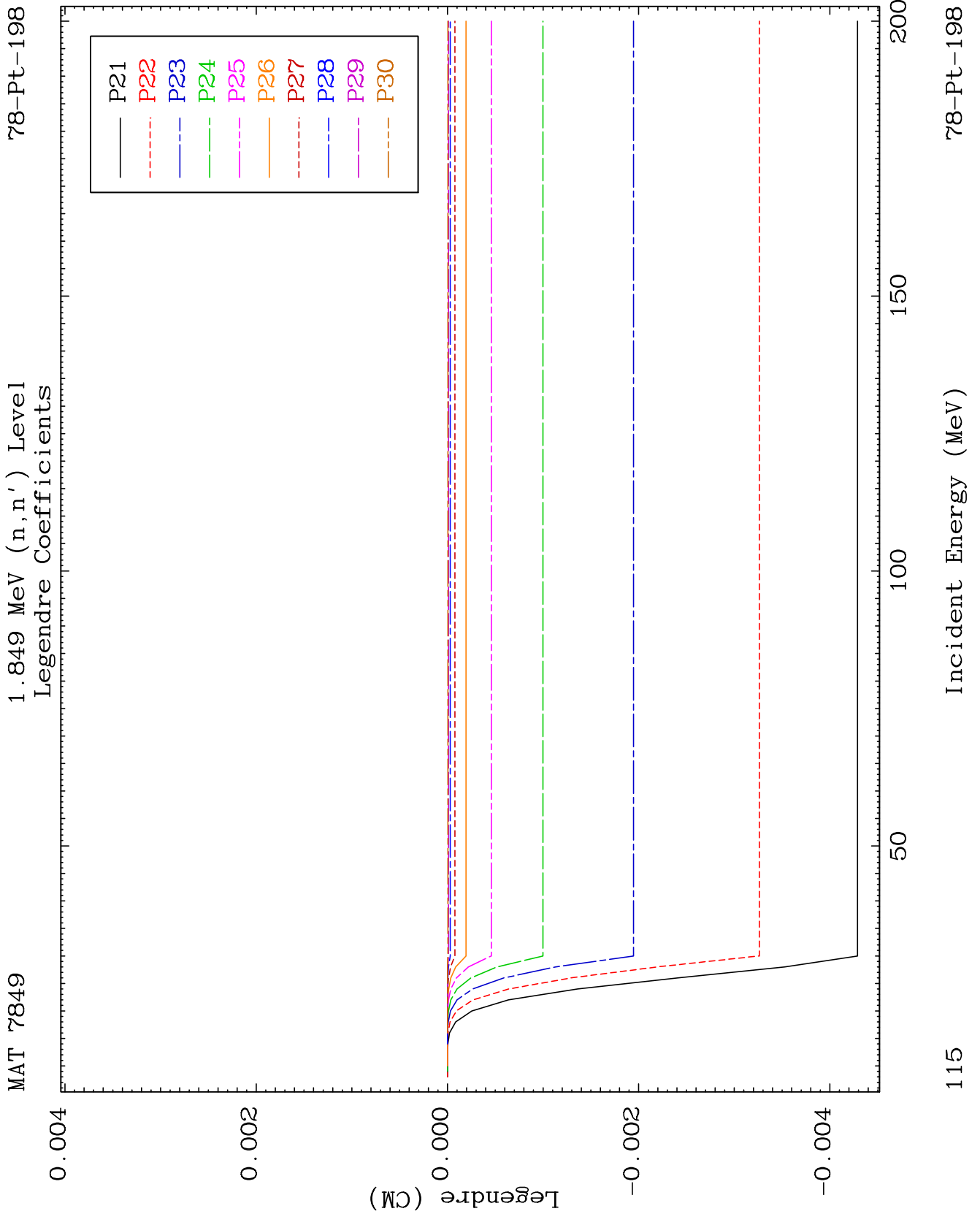
78-Pt-198

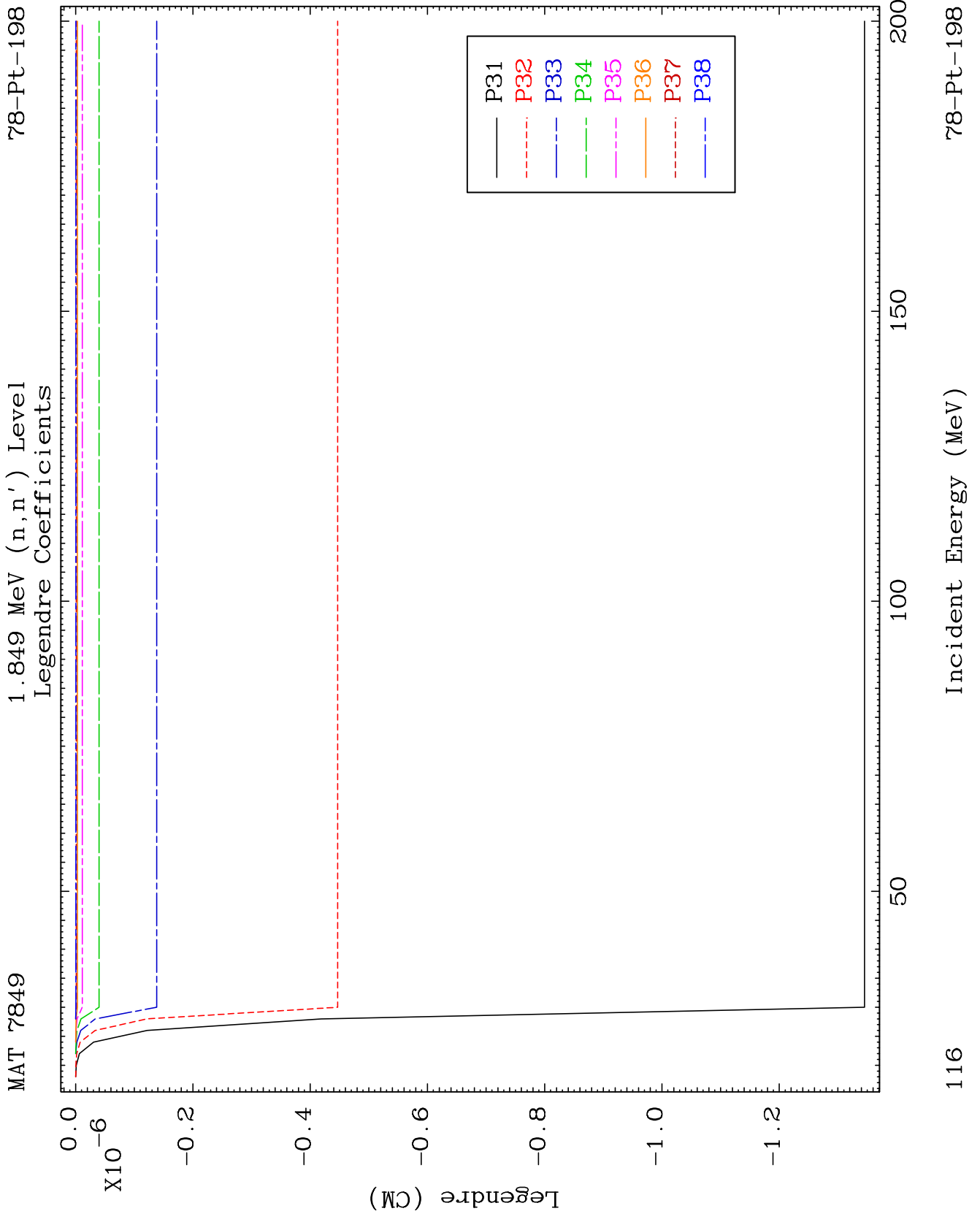


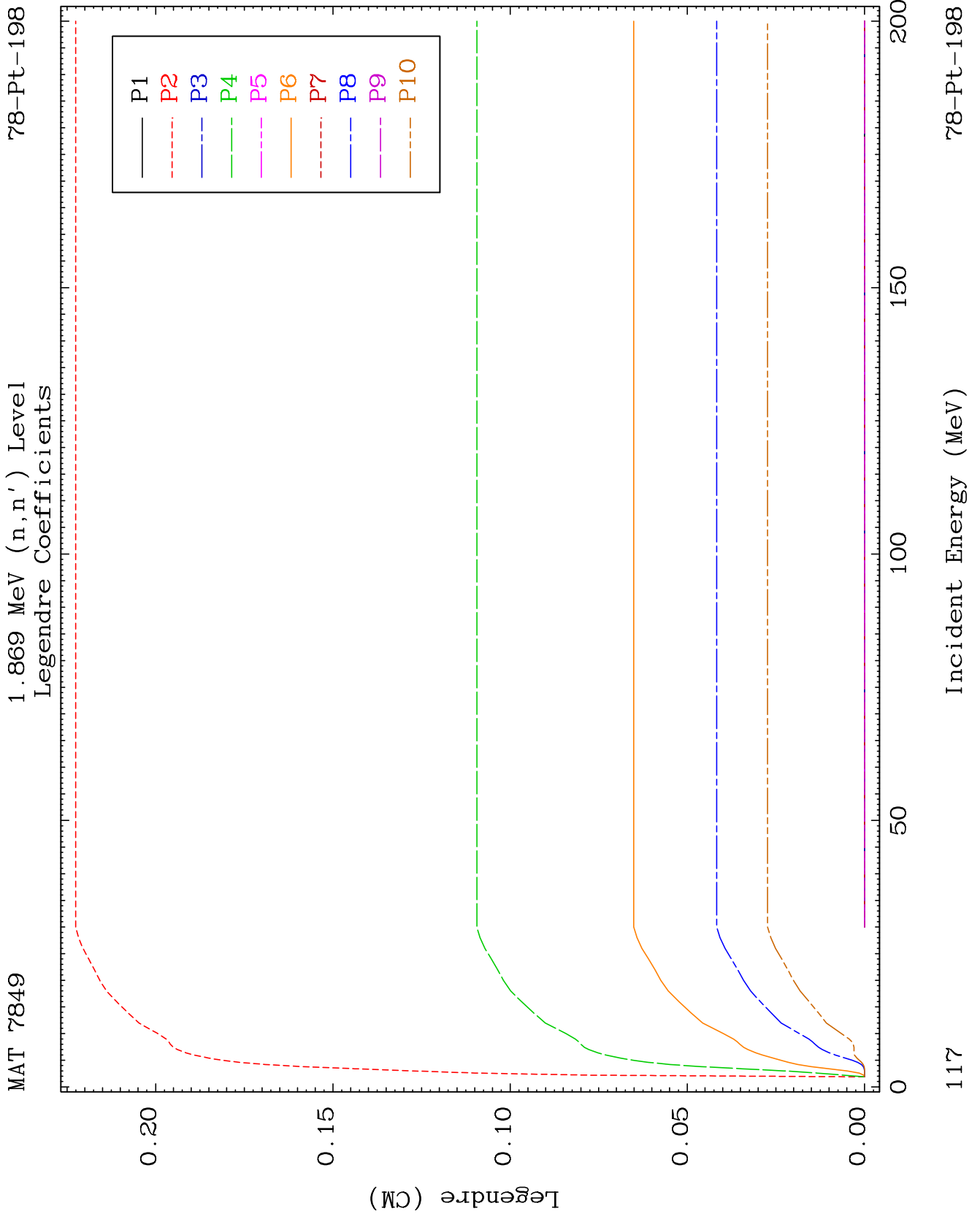
114

Incident Energy (MeV)

78-Pt-198



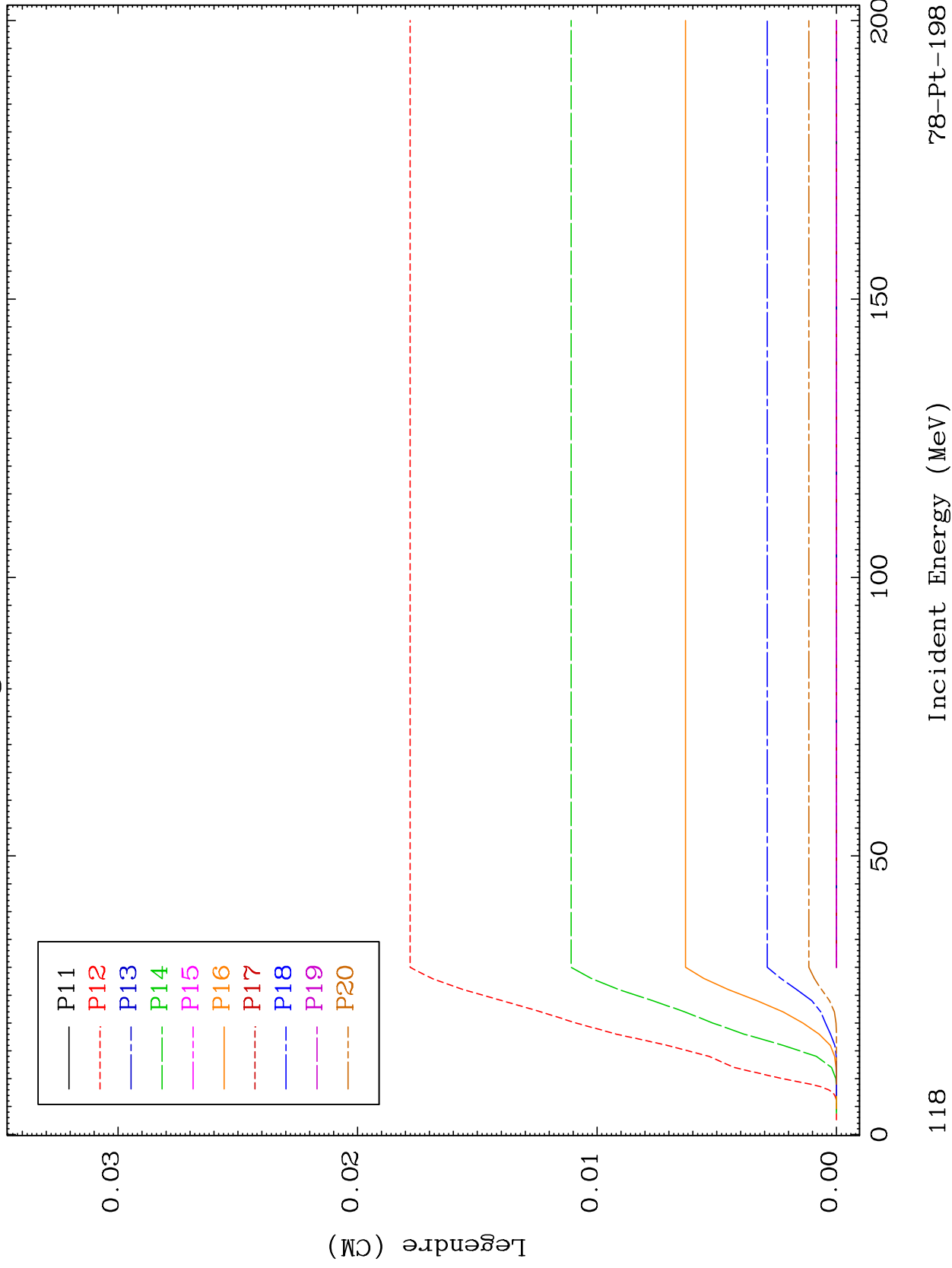




MAT 7849

1.869 MeV (n,n') Level
Legendre Coefficients

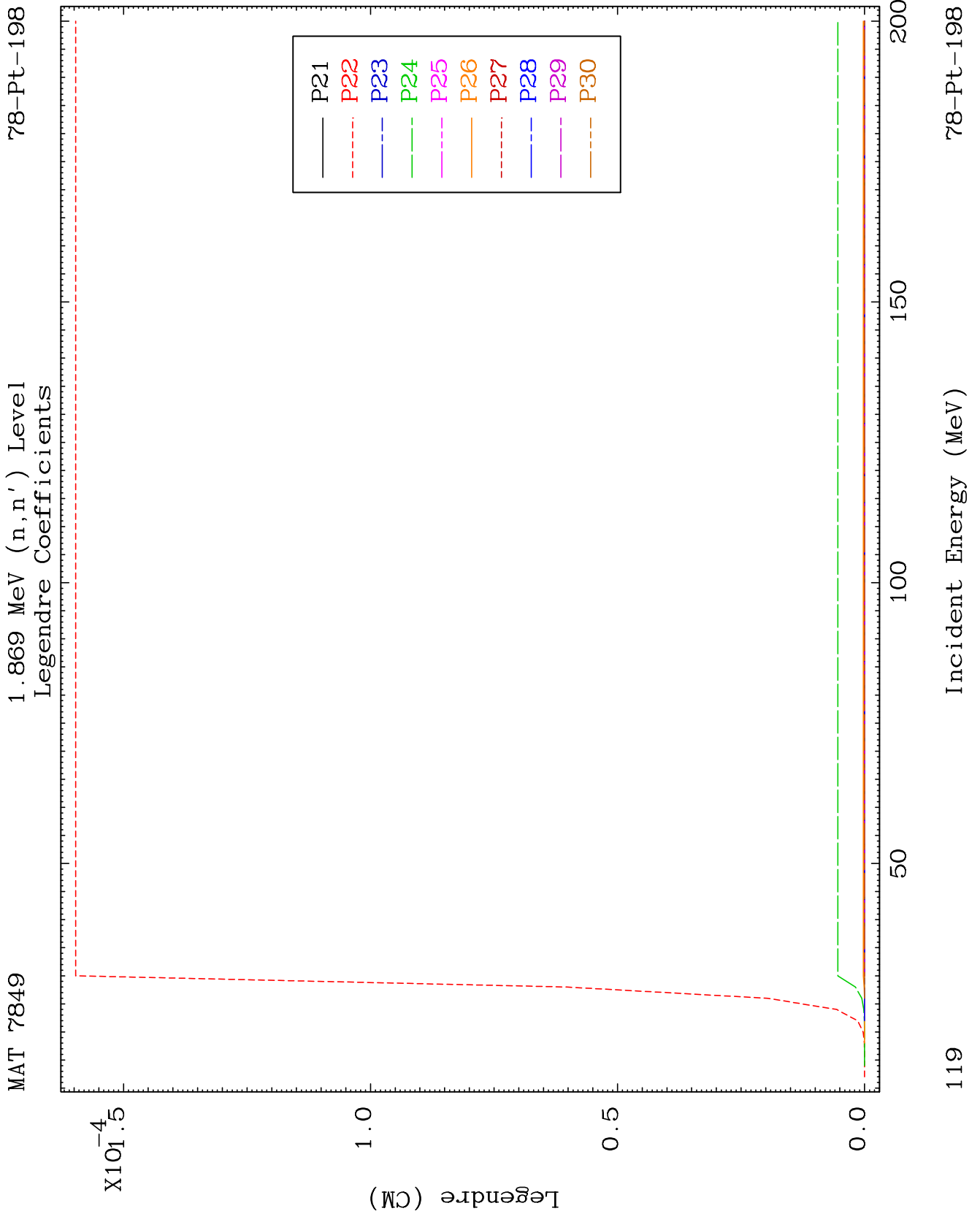
78-Pt-198

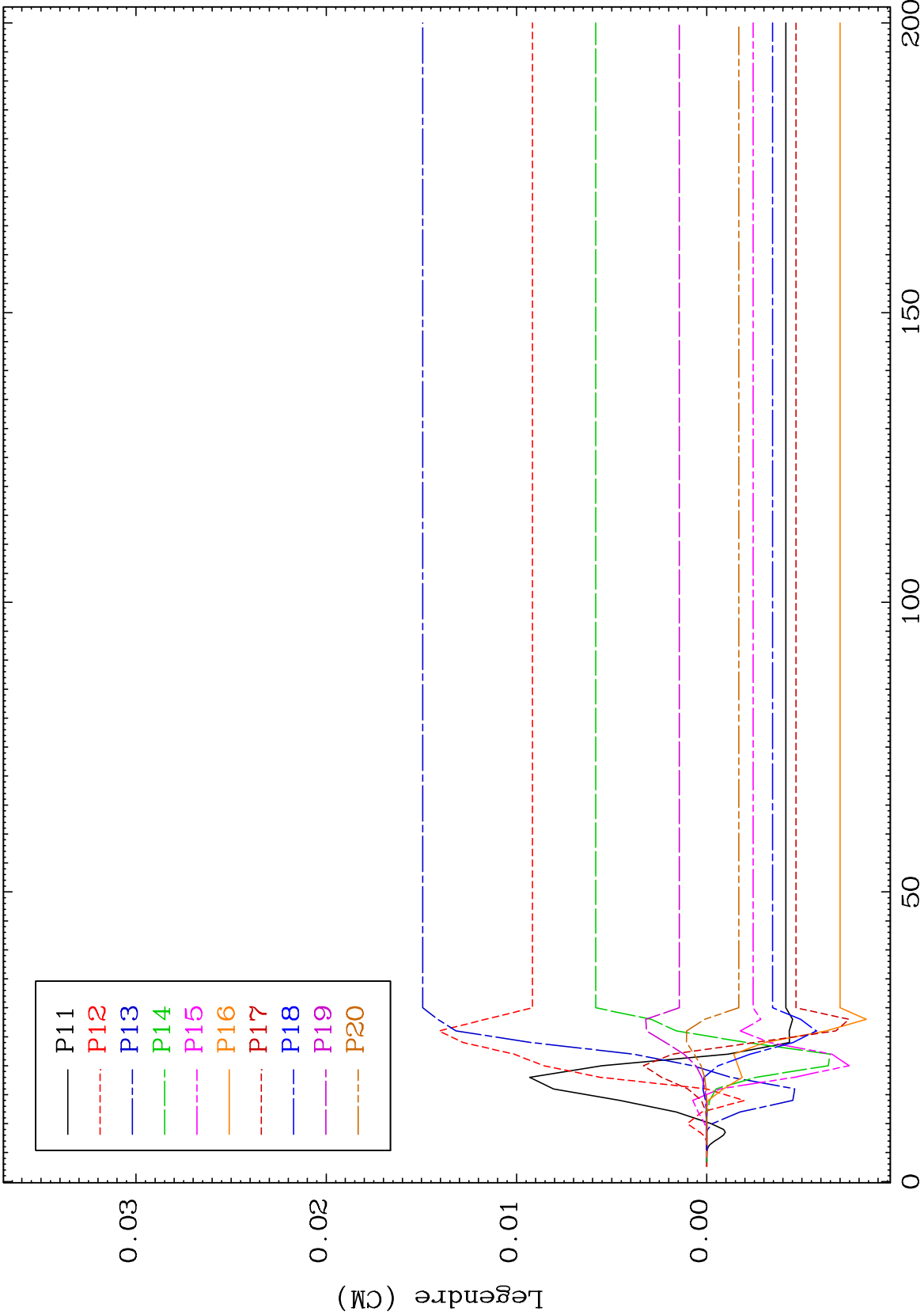


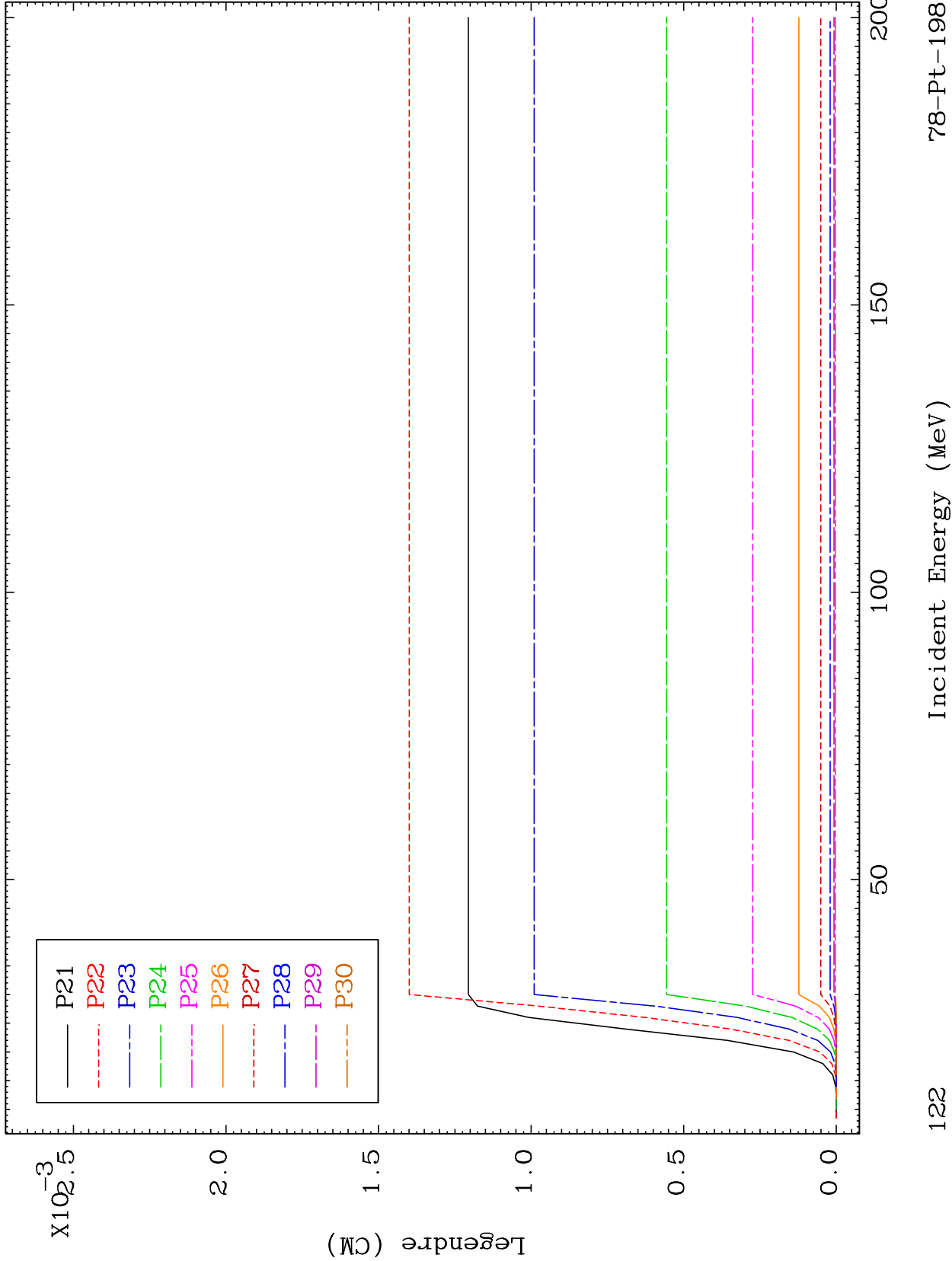
78-Pt-198

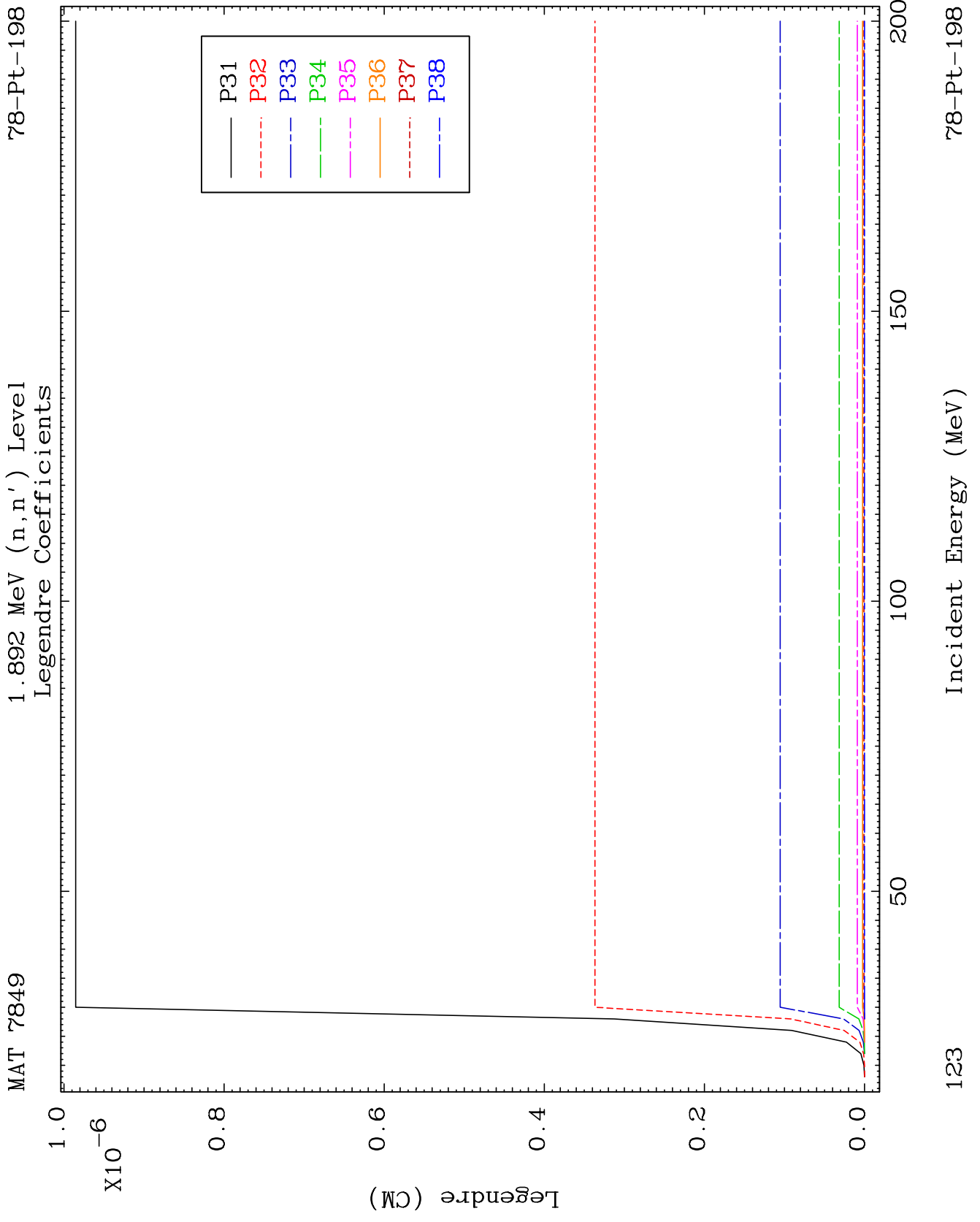
Incident Energy (MeV)

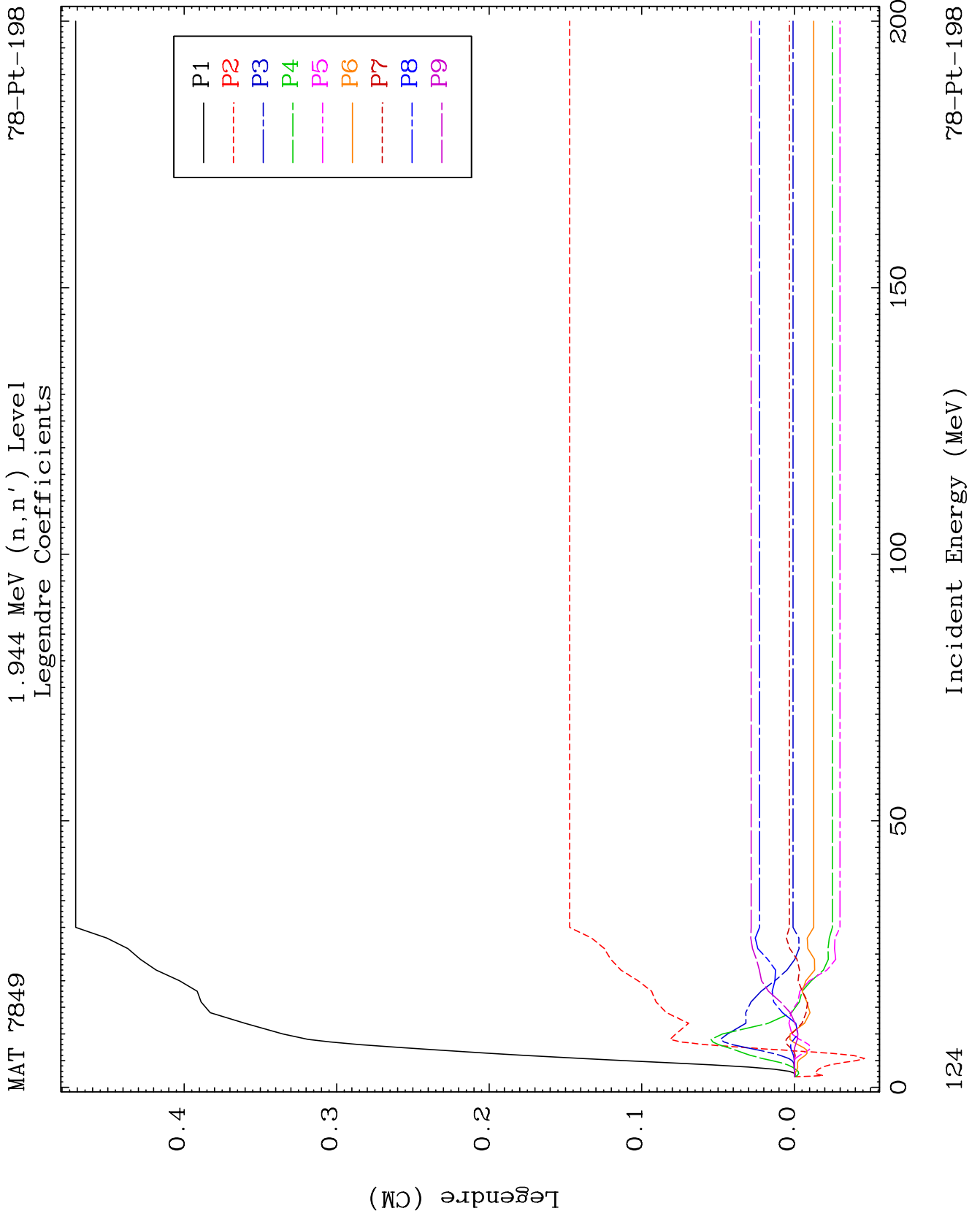
118







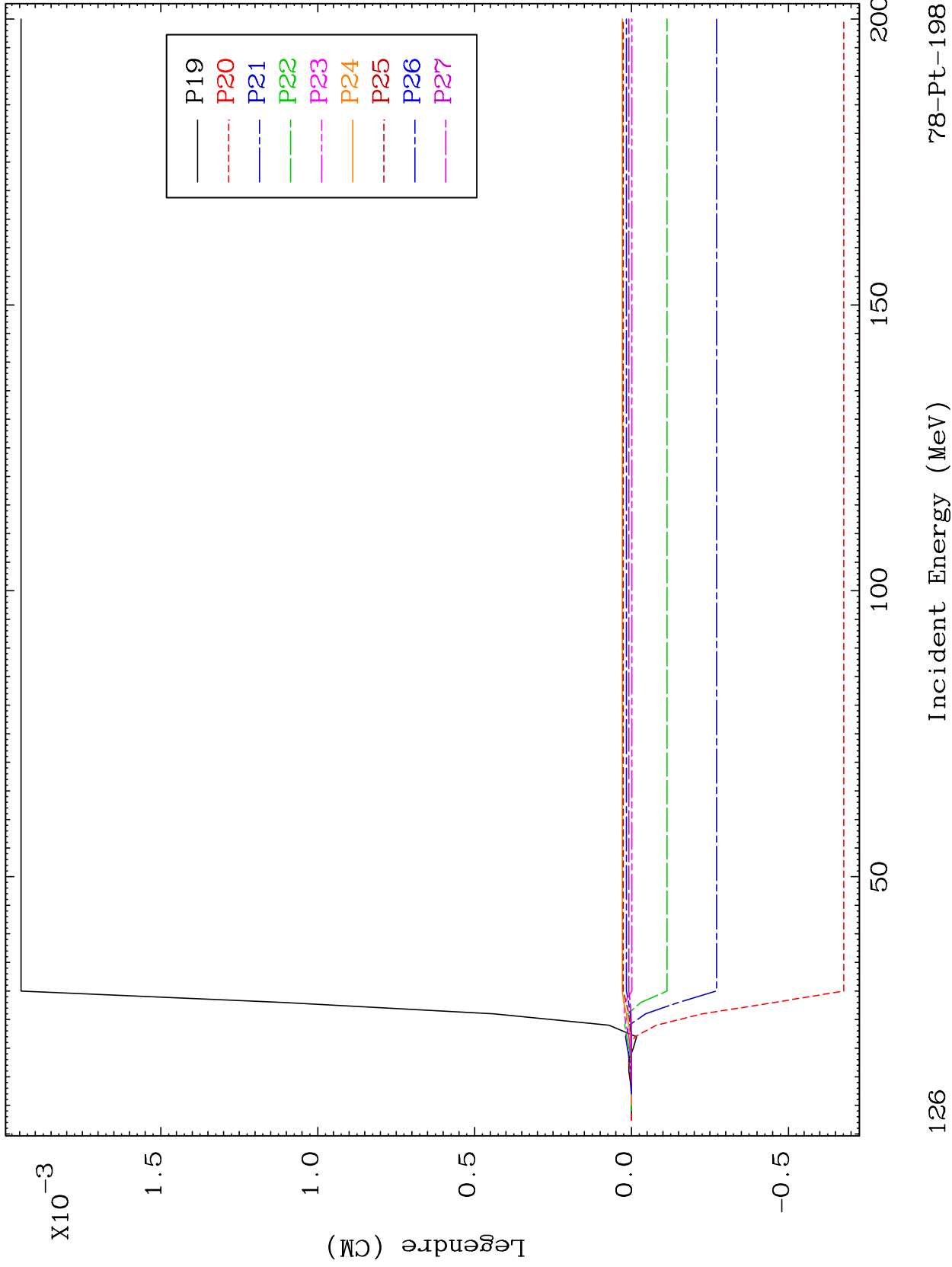




MAT 7849

1.944 MeV (n,n') Level
Legendre Coefficients

78-Pt-198



126

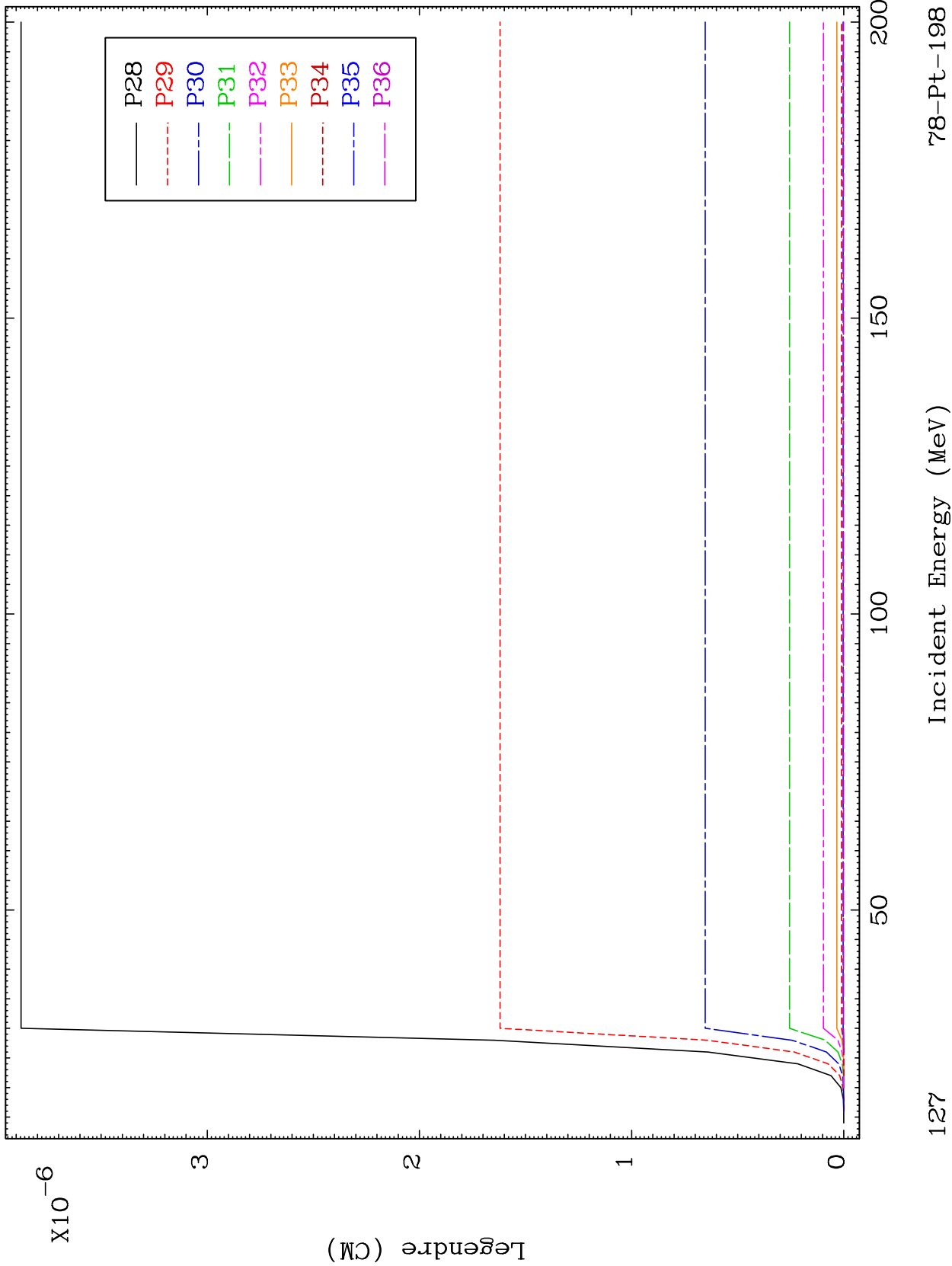
Incident Energy (MeV)

78-Pt-198

MAT 7849

1.944 MeV (n,n') Level
Legendre Coefficients

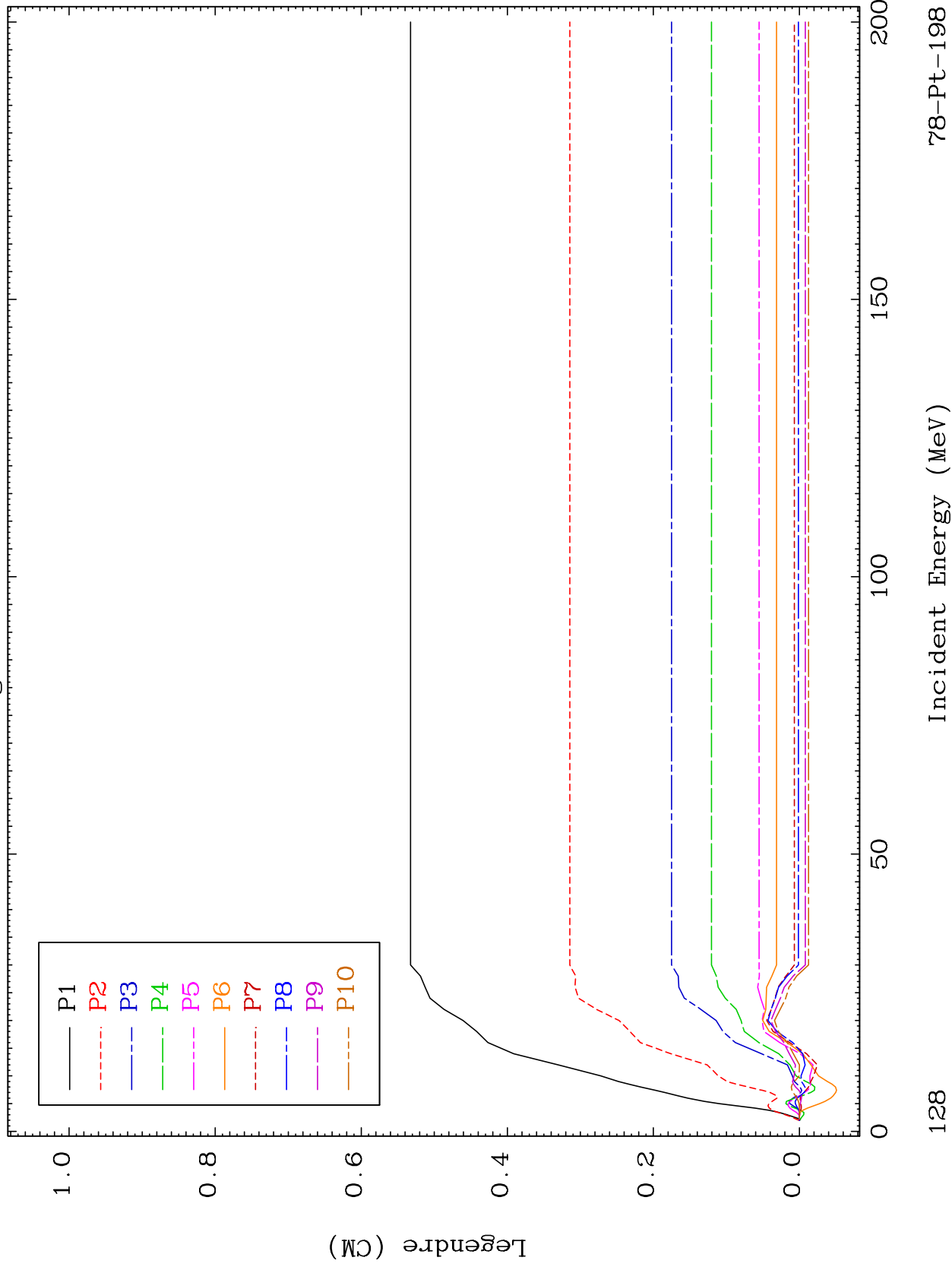
78-Pt-198



MAT 7849

1.949 MeV (n, n') Level
Legendre Coefficients

78-Pt-198



78-Pt-198

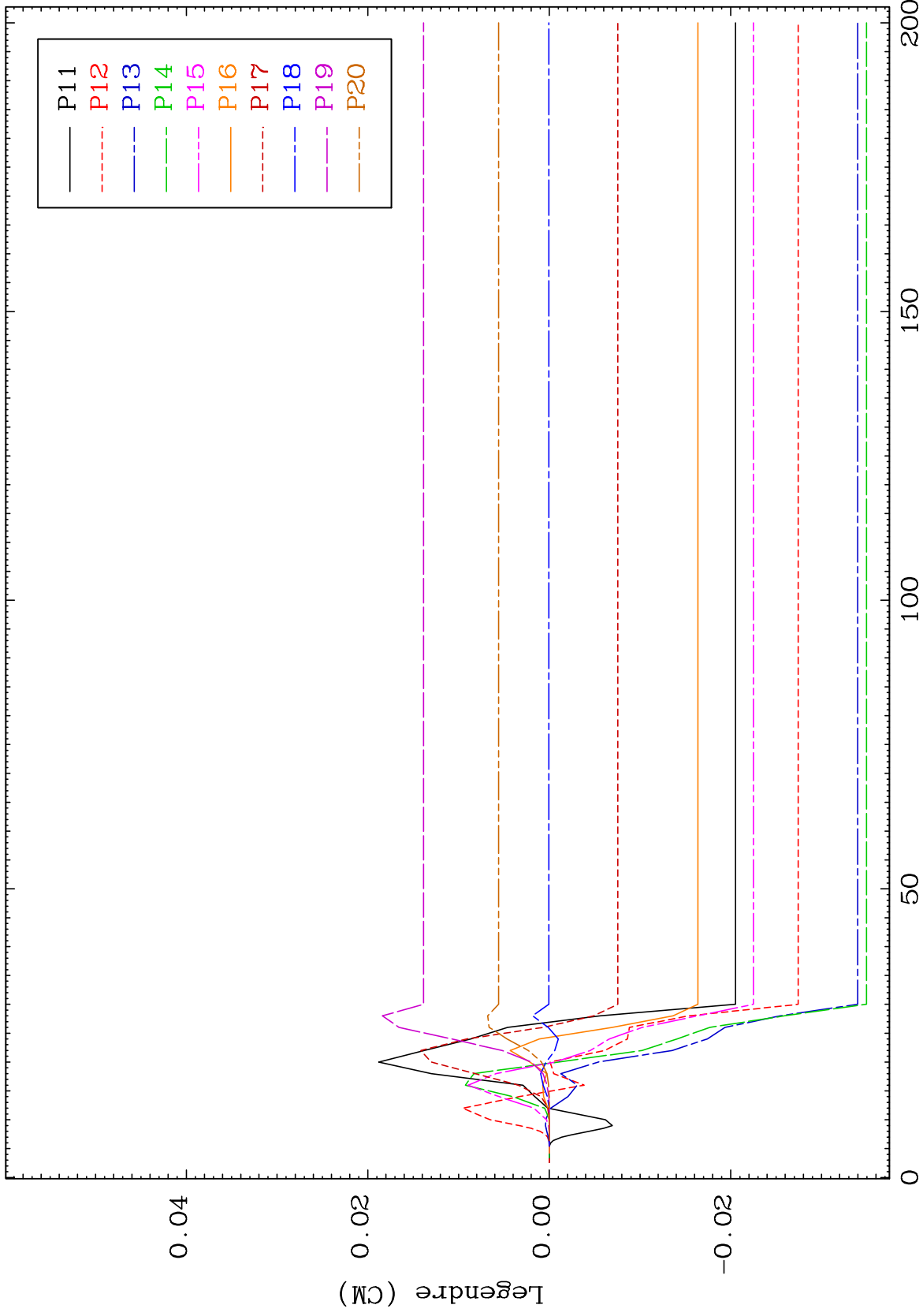
Incident Energy (MeV)

128

MAT 7849

1.949 MeV (n,n') Level
Legendre Coefficients

78-Pt-198



129

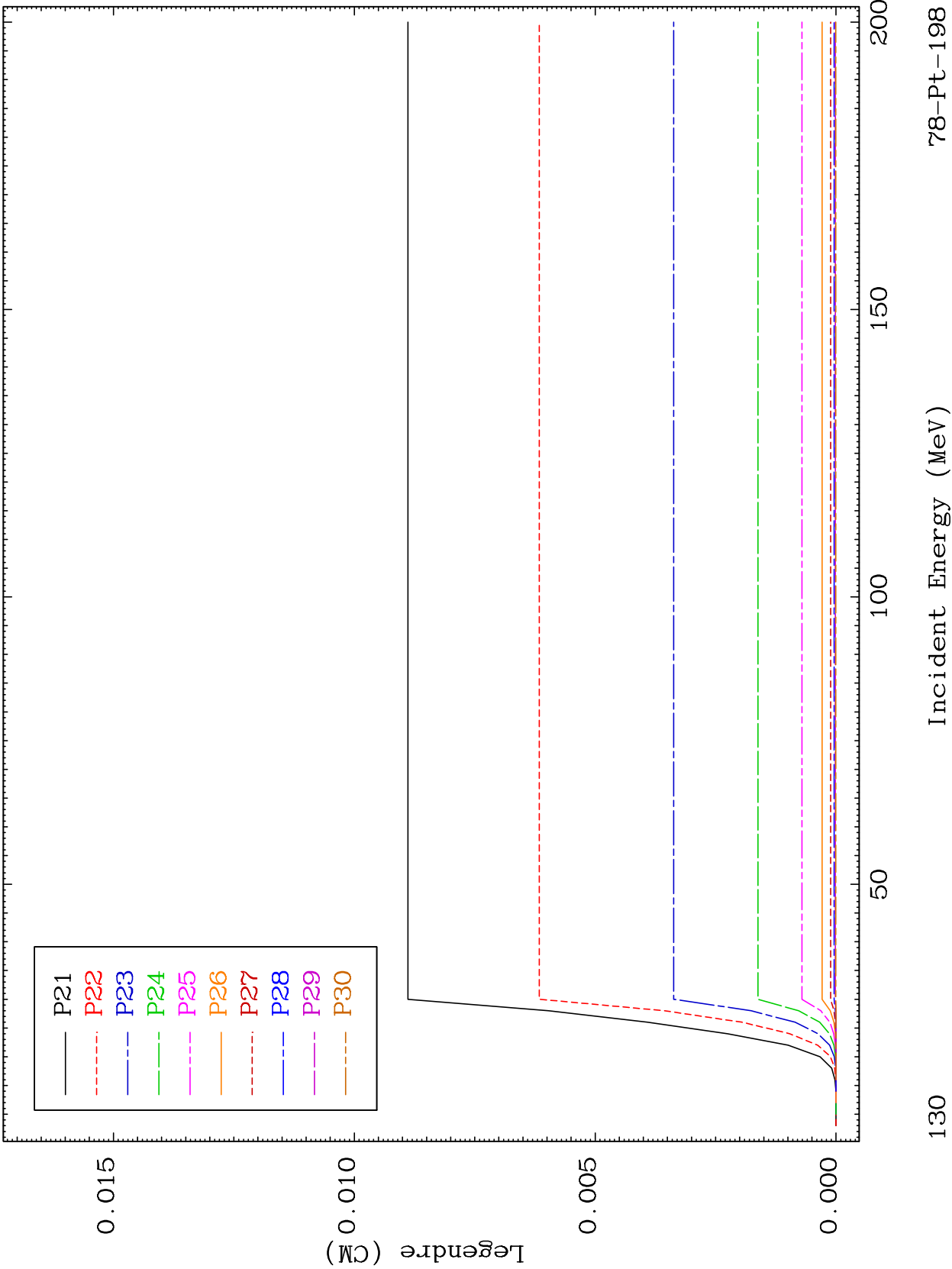
Incident Energy (MeV)

78-Pt-198

MAT 7849

1.949 MeV (n,n') Level
Legendre Coefficients

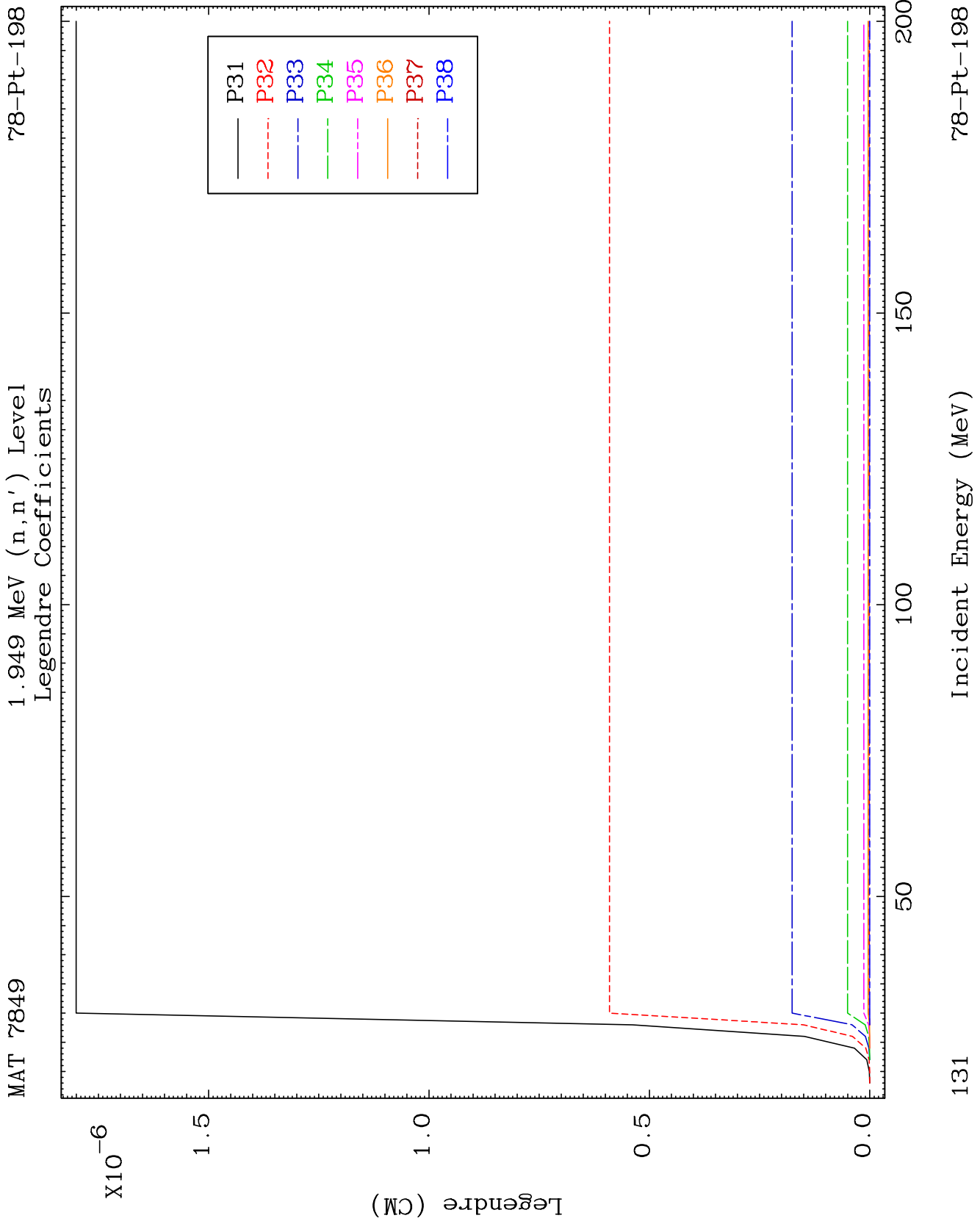
78-Pt-198



130

Incident Energy (MeV)

78-Pt-198

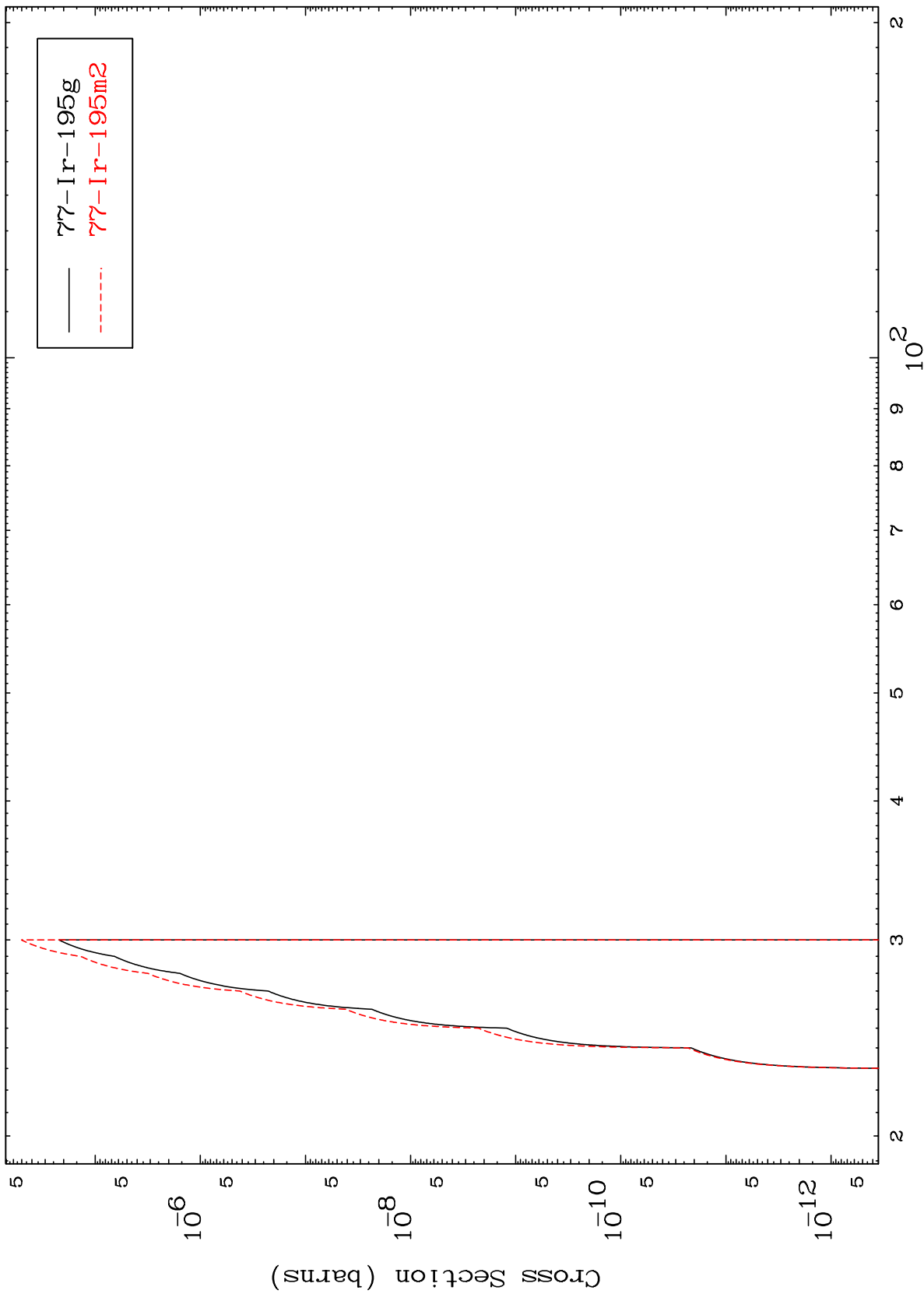


MAT 7849

(n,2n) d

78-Pt-198

Radionuclide Production Cross Section



132

Incident Energy (MeV)

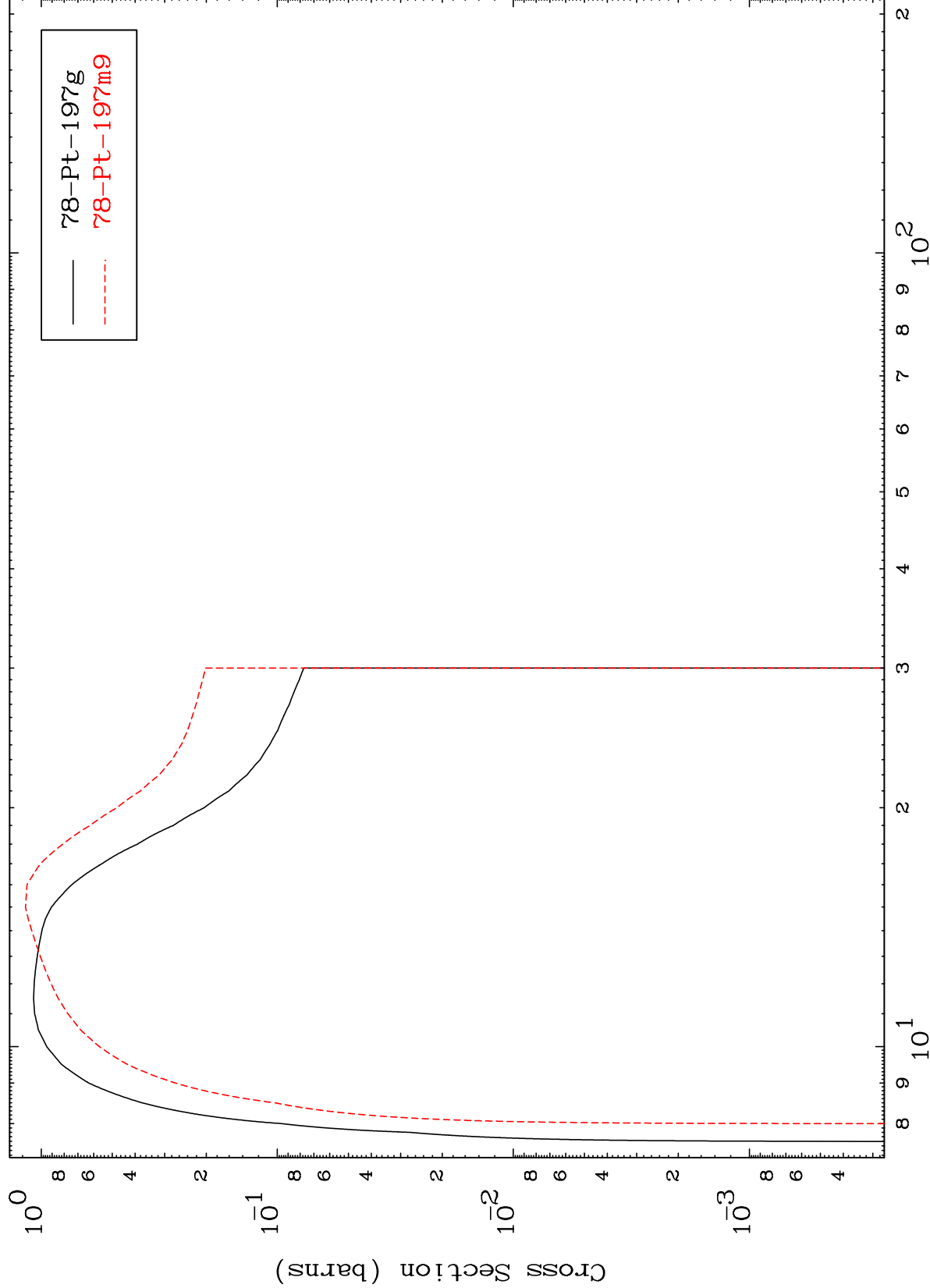
78-Pt-198

MAT 7849

(n,2n)

78-Pt-198

Radionuclide Production Cross Section



133

Incident Energy (MeV)

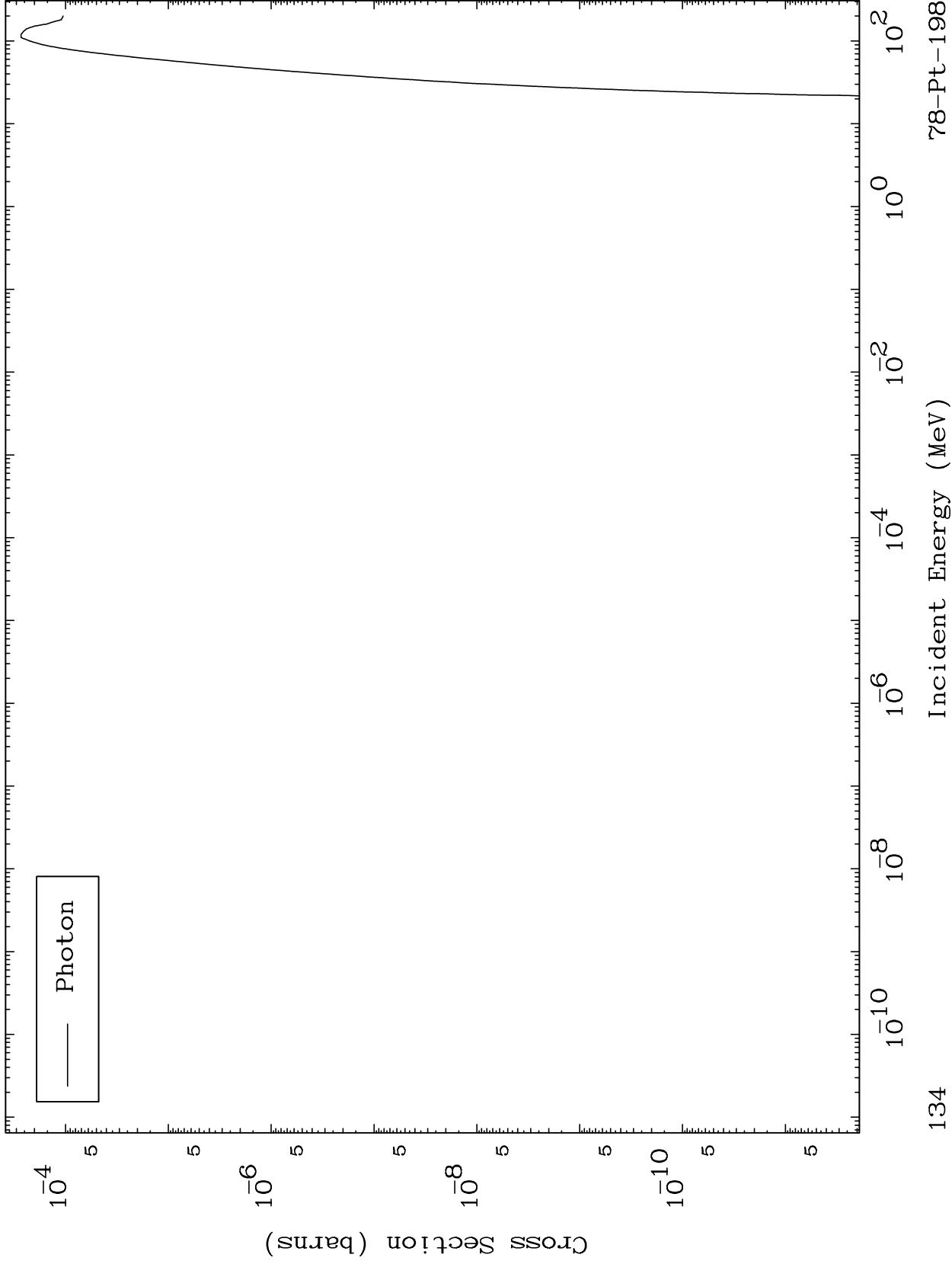
78-Pt-198

MAT 7849

Fission

78-Pt-198

Radionuclide Production Cross Section



134

Incident Energy (MeV)

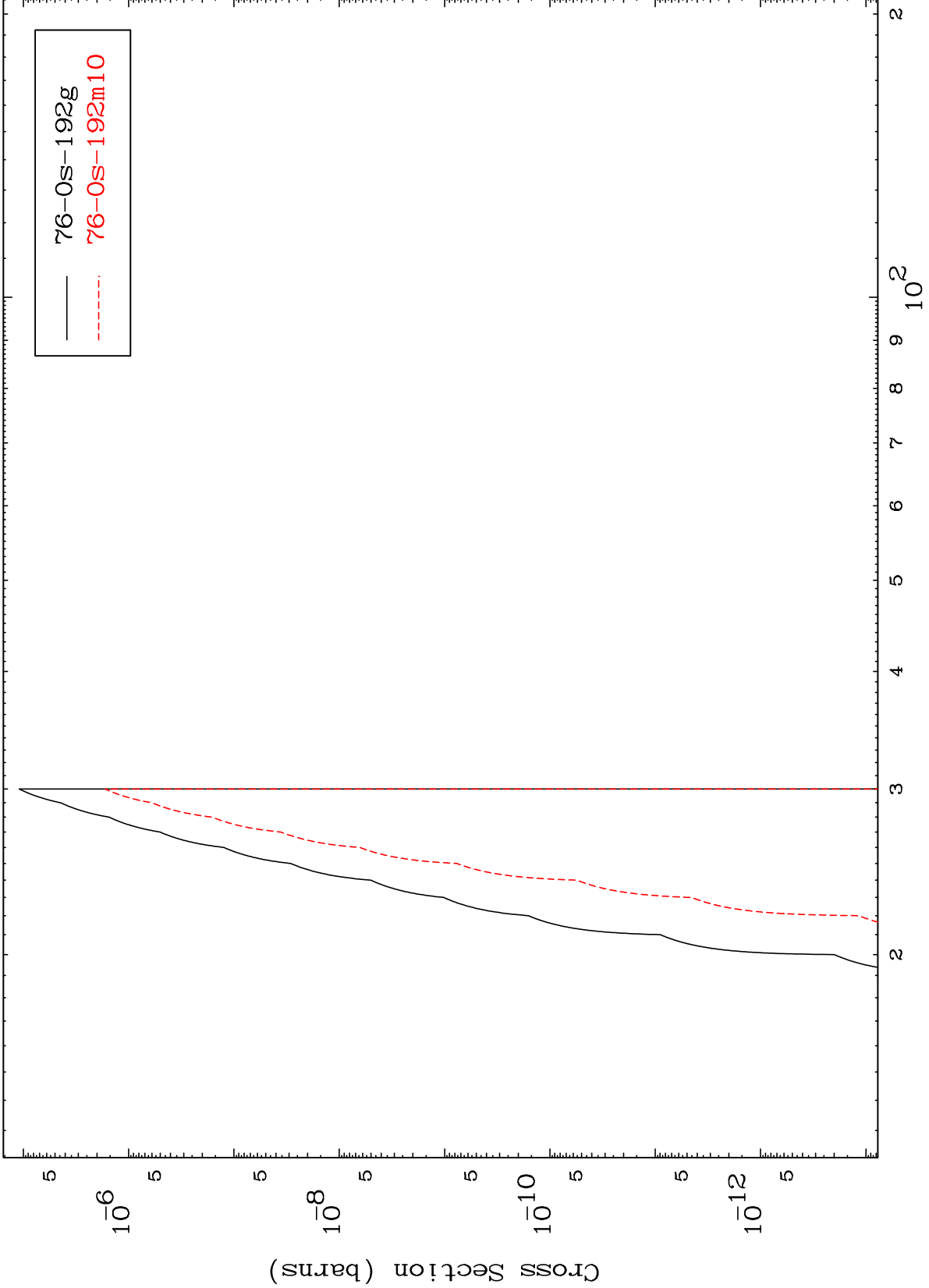
78-Pt-198

MAT 7849

(n,3n) α

78-Pt-198

Radionuclide Production Cross Section



76-0s-192g
76-0s-192m10

135

Incident Energy (MeV)

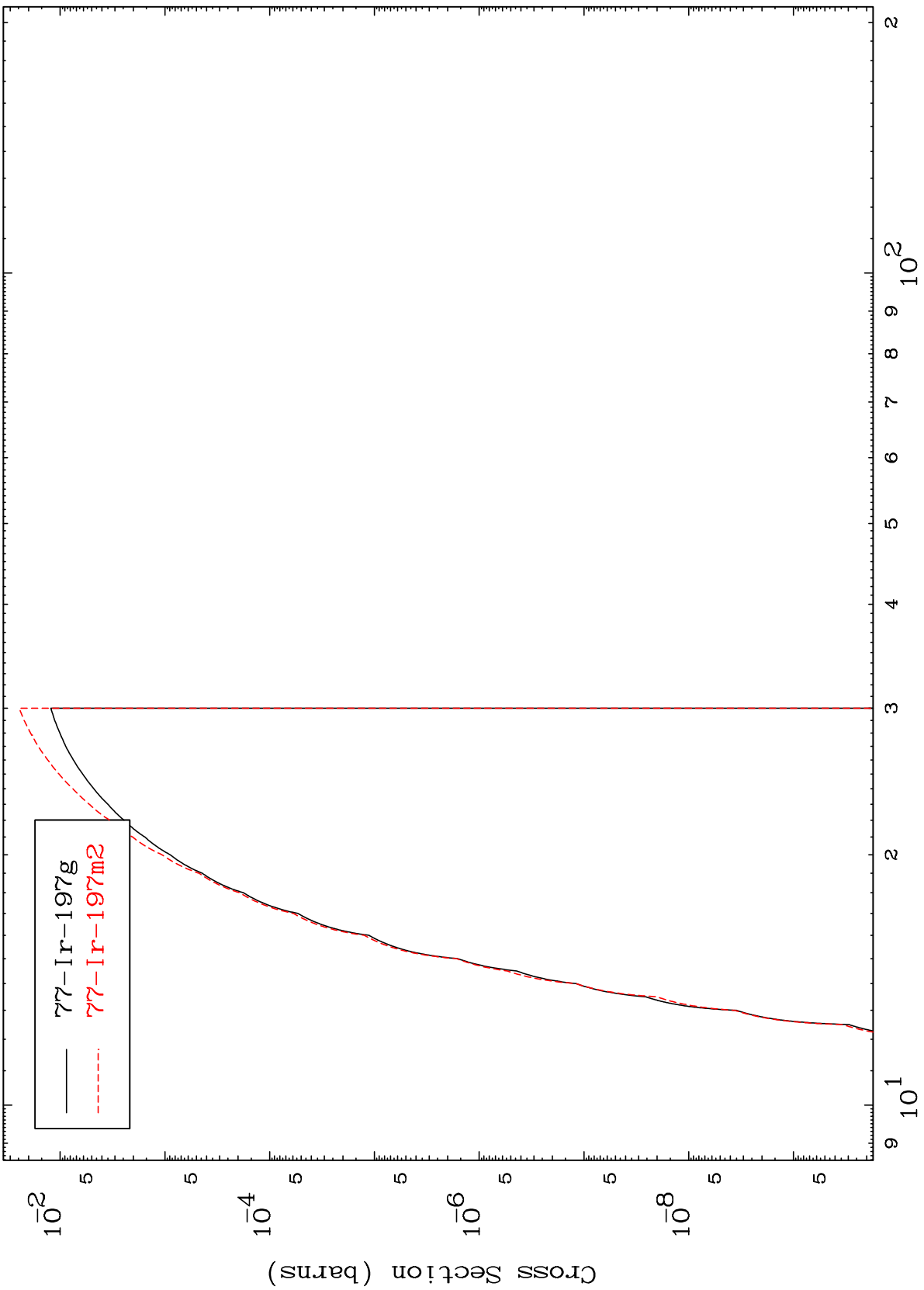
78-Pt-198

MAT 7849

(n,n') p

78-Pt-198

Radionuclide Production Cross Section

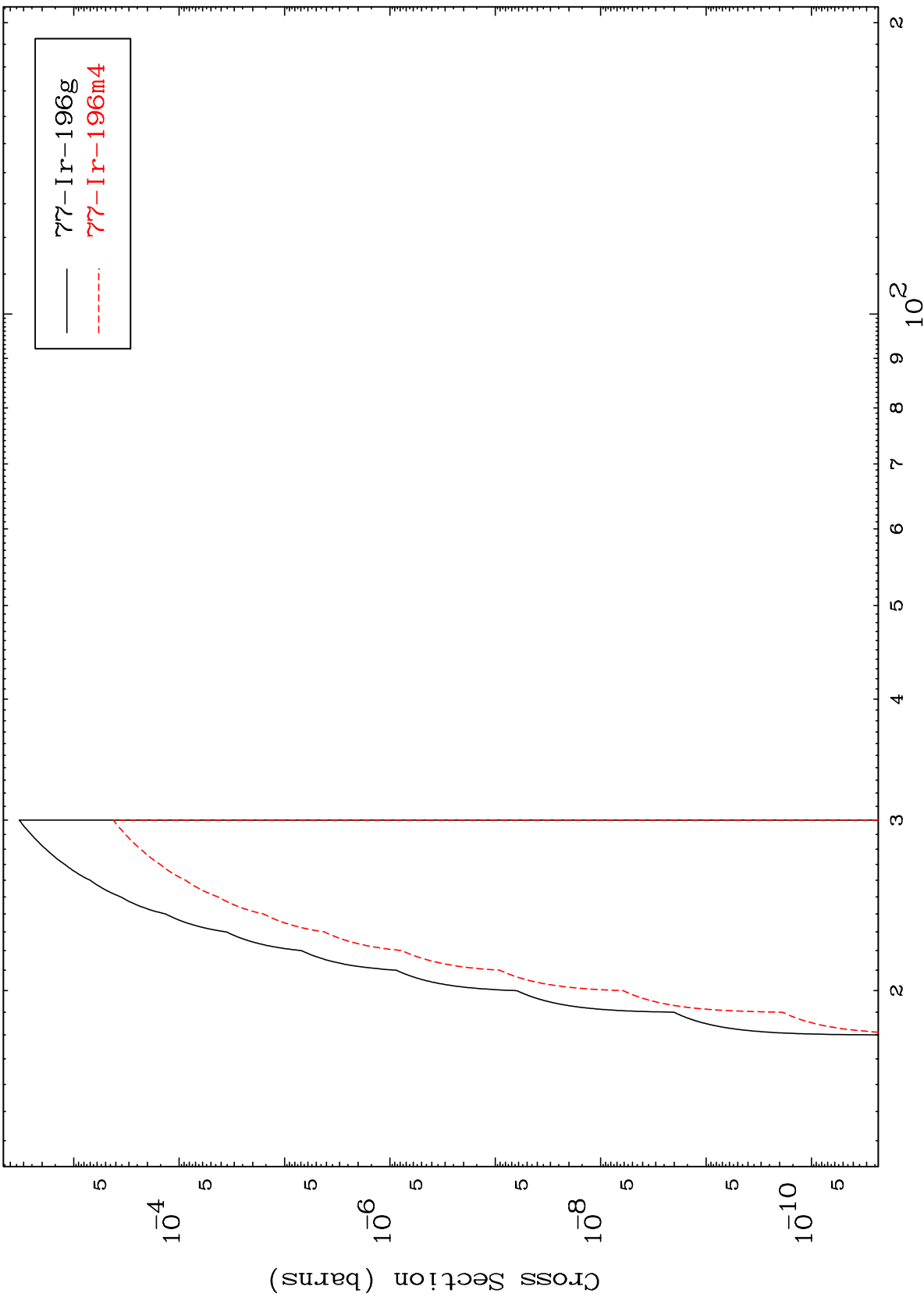


136

Incident Energy (MeV)

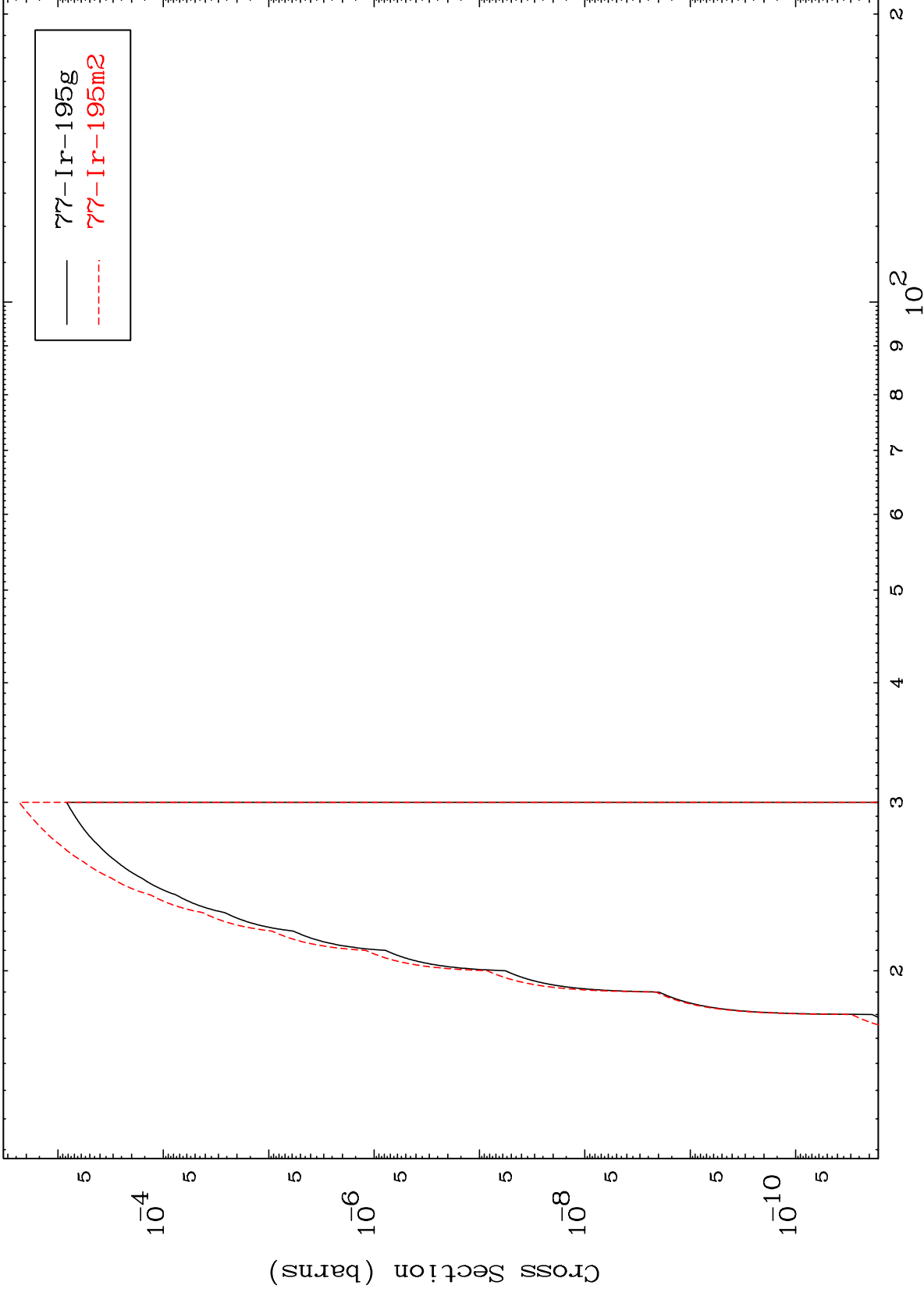
78-Pt-198

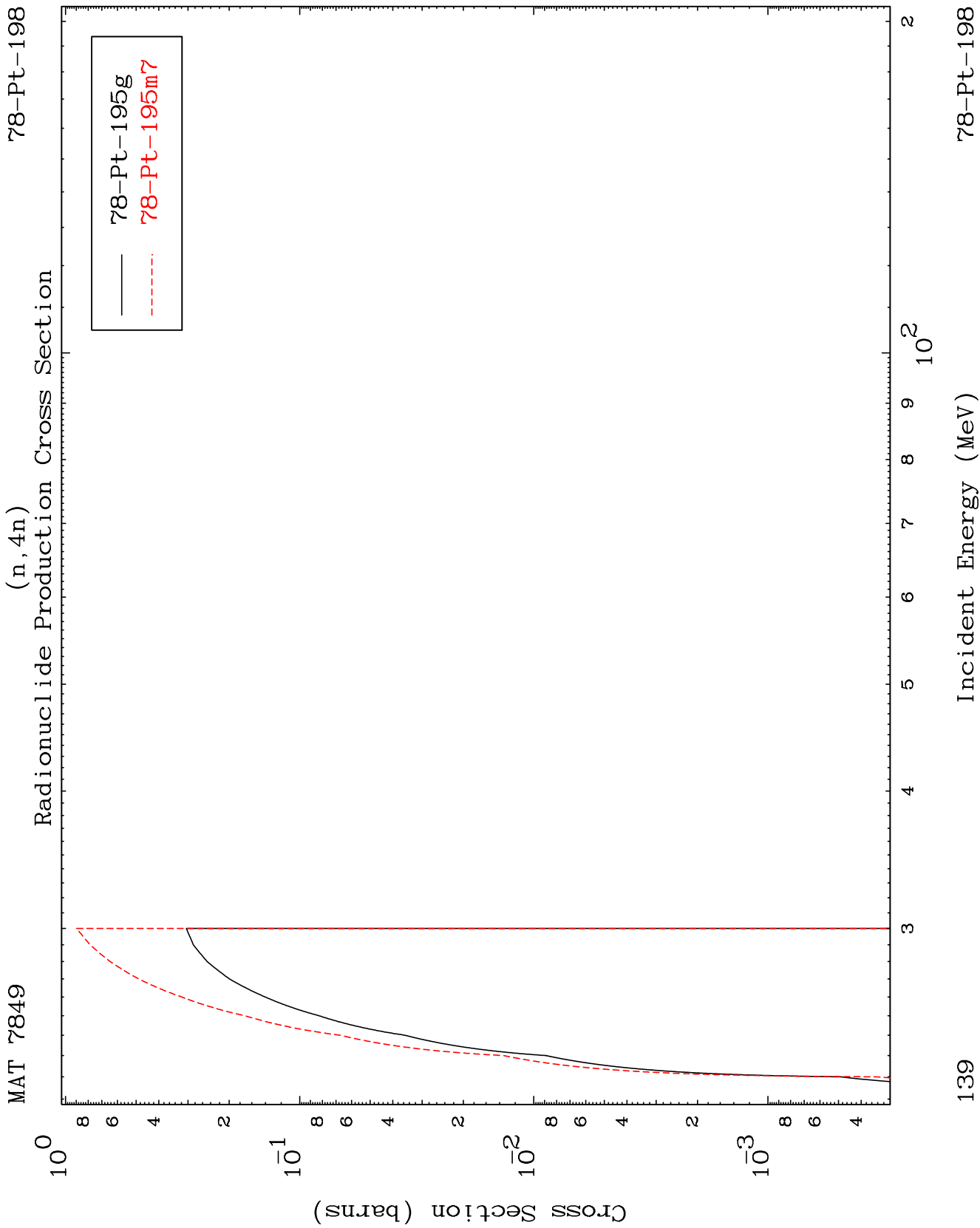
Radionuclide Production Cross Section



— ⁷⁷Ir-196g
- - - ⁷⁷Ir-196m4

Radionuclide Production Cross Section



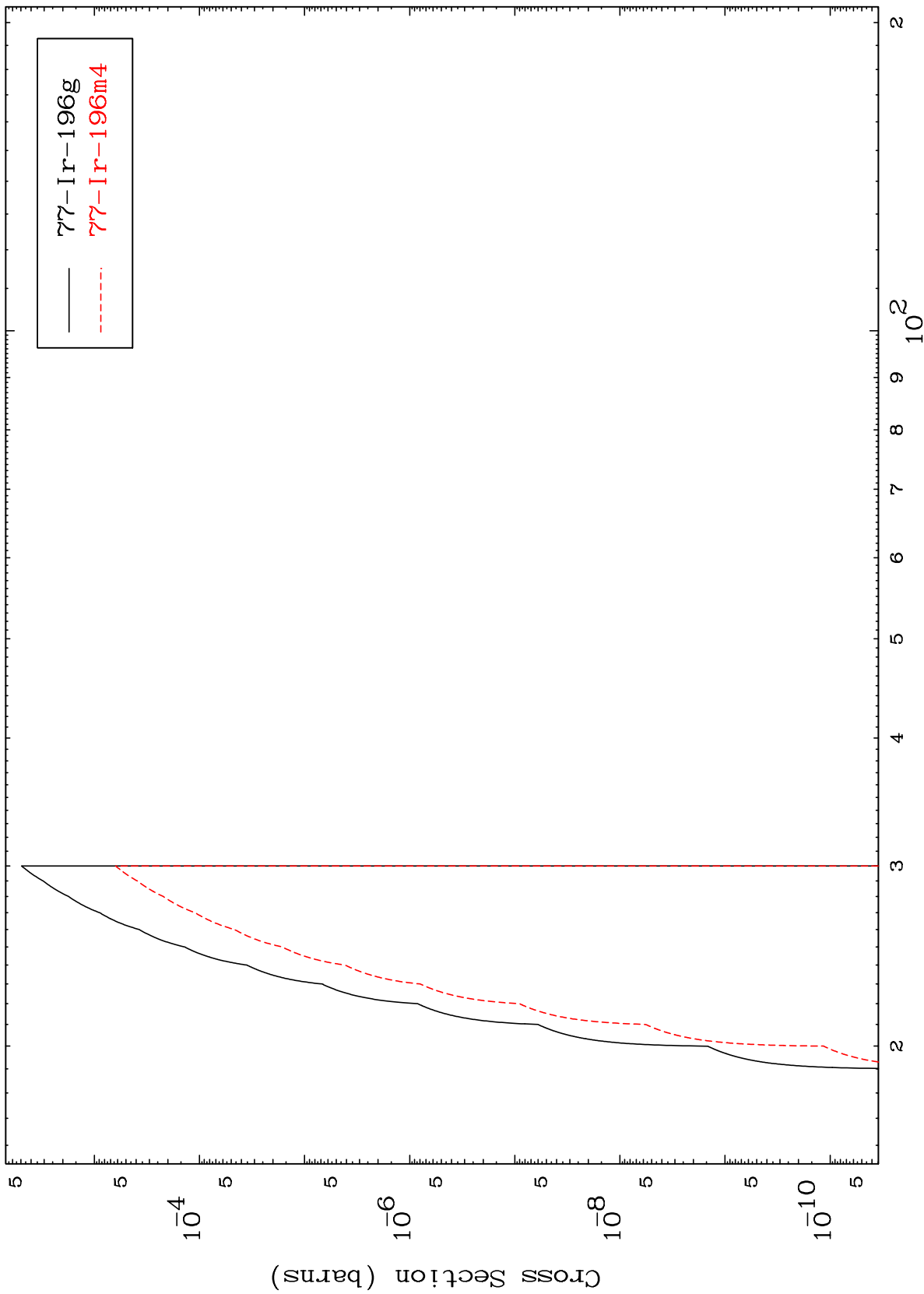


MAT 7849

(n,2n) p

78-Pt-198

Radionuclide Production Cross Section



140

Incident Energy (MeV)

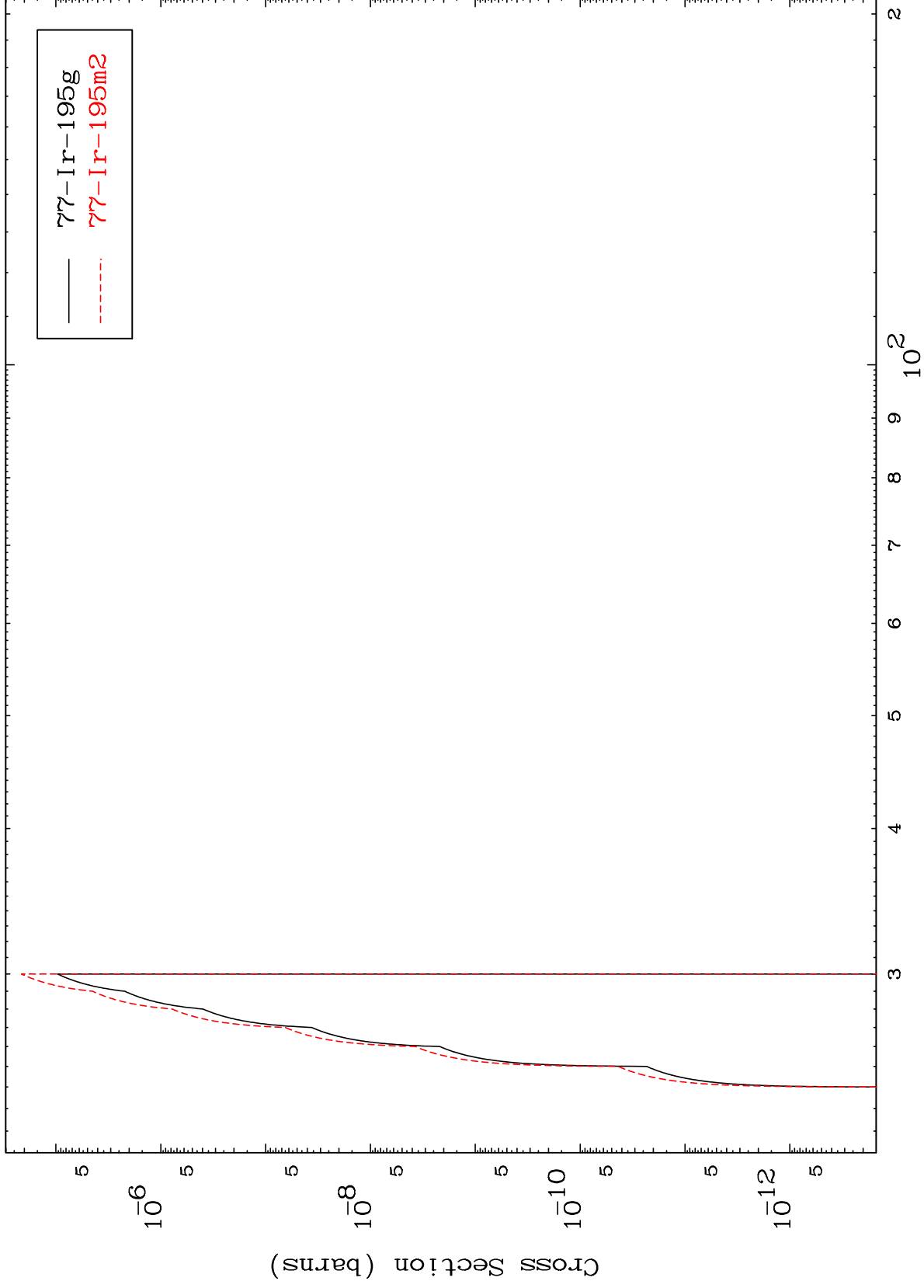
78-Pt-198

MAT 7849

(n,3n) p

78-Pt-198

Radionuclide Production Cross Section



141

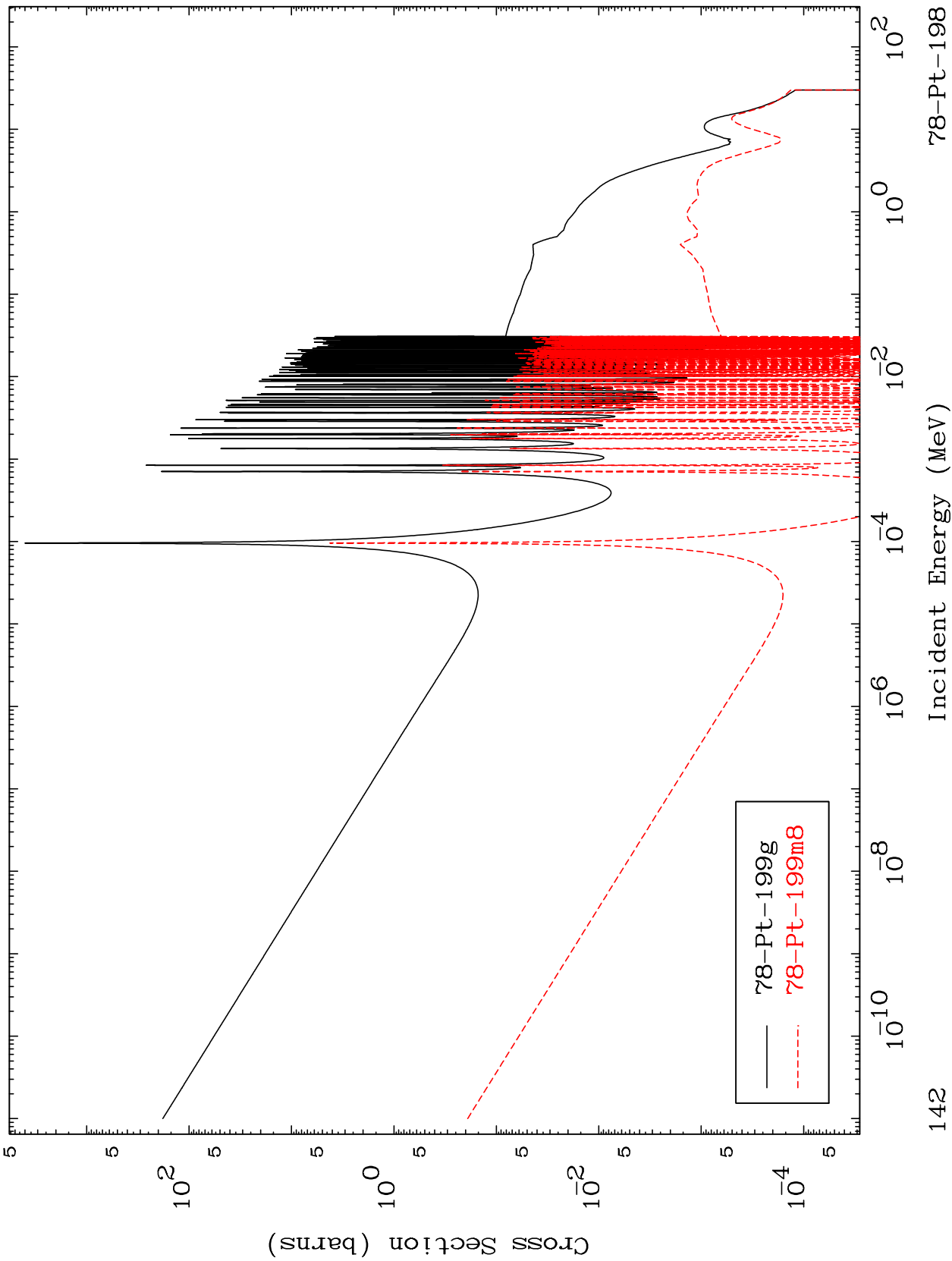
Incident Energy (MeV)

78-Pt-198

MAT 7849

78-Pt-198

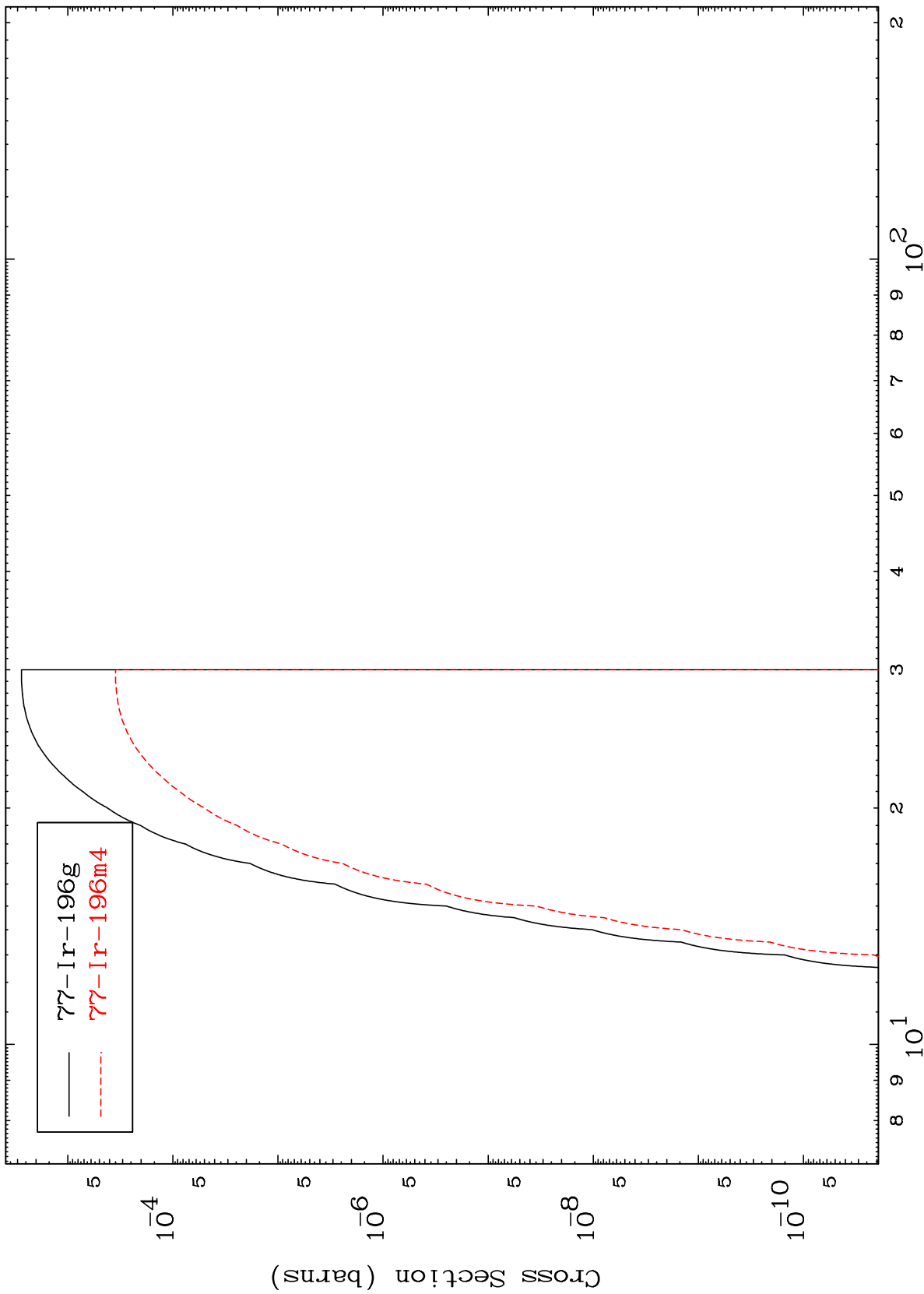
(n, γ)
Radionuclide Production Cross Section



MAT 7849

78-Pt-198

(n,t)
Radionuclide Production Cross Section



144

Incident Energy (MeV)

78-Pt-198