

Program EVALPLOT
(Version 2015-2)

by

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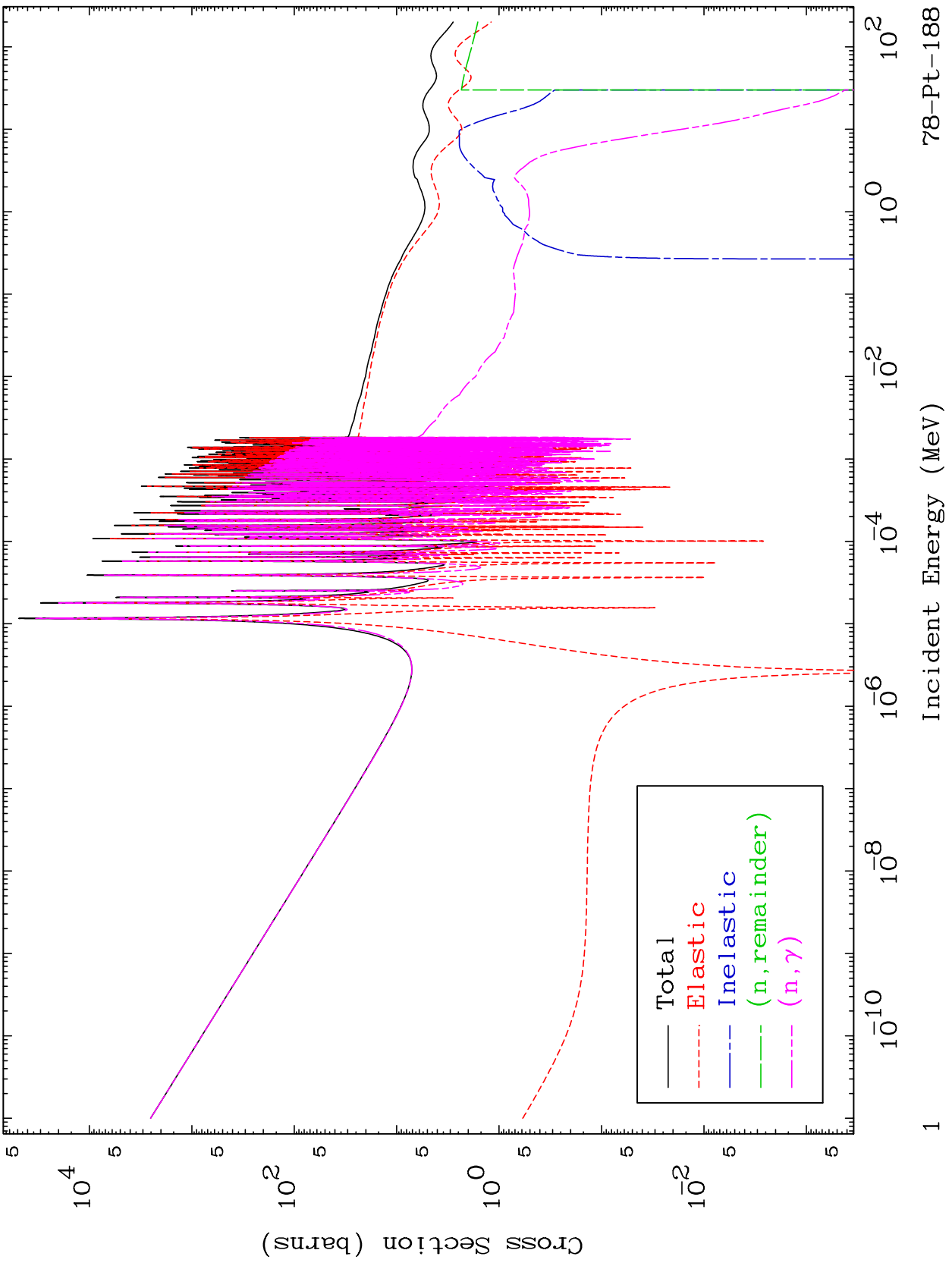
Press Mouse Button to Start

MAT 7819

Major

78-Pt-188

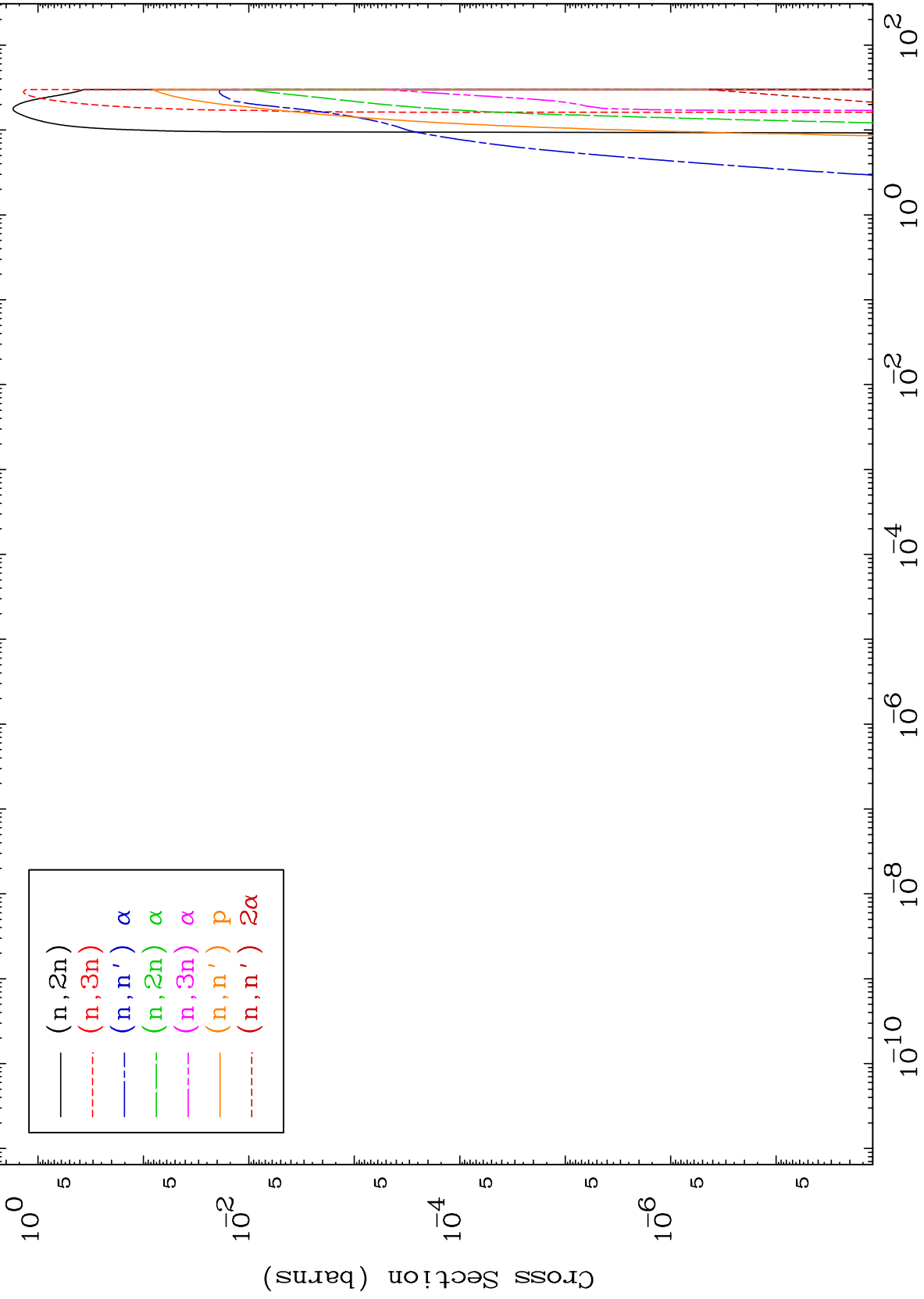
293 Kelvin Cross Sections



MAT 7819

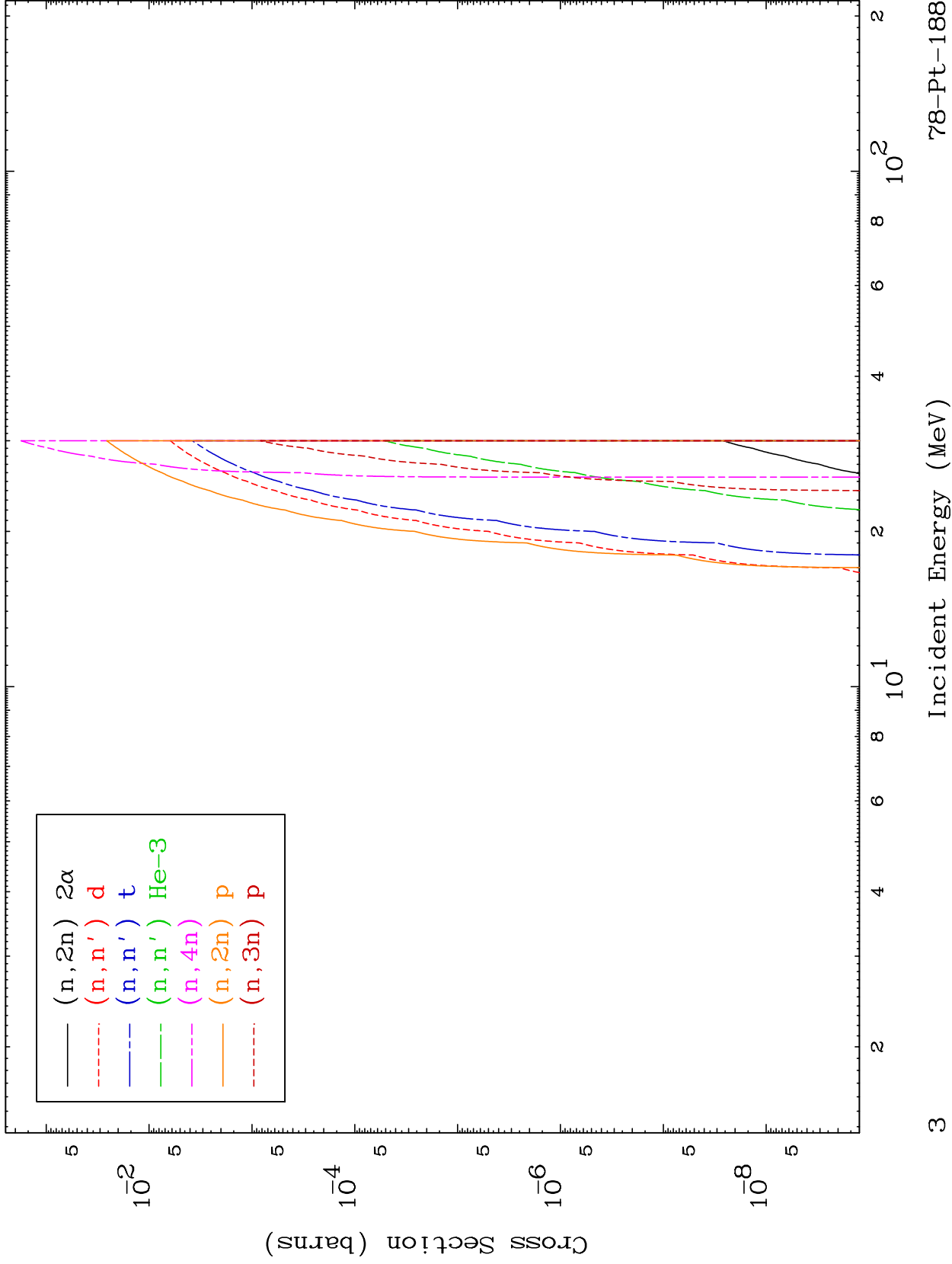
Neutron Production
293 Kelvin Cross Sections

78-Pt-188



78-Pt-188

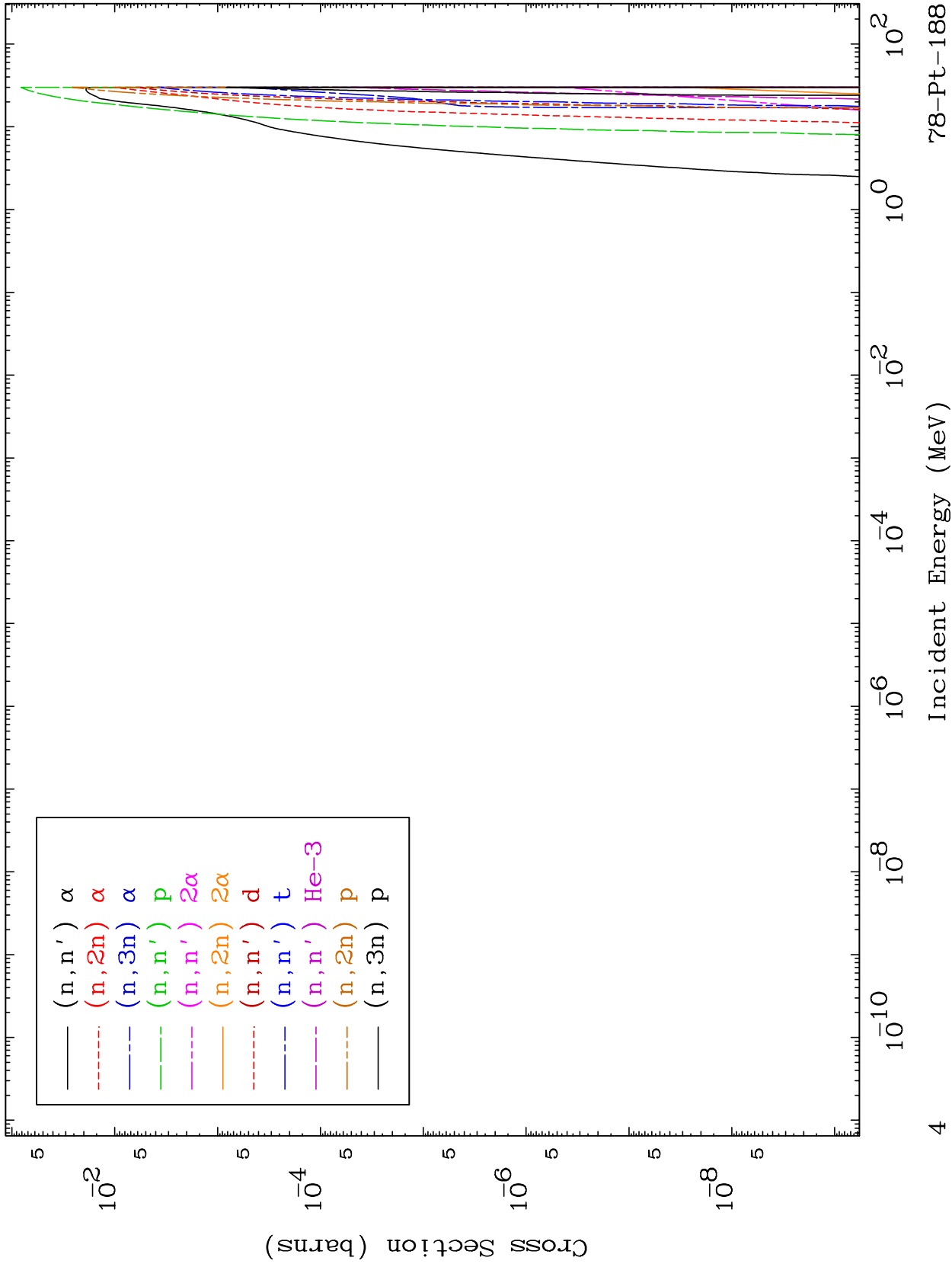
Incident Energy (MeV)



MAT 7819

Charged Particle
293 Kelvin Cross Sections

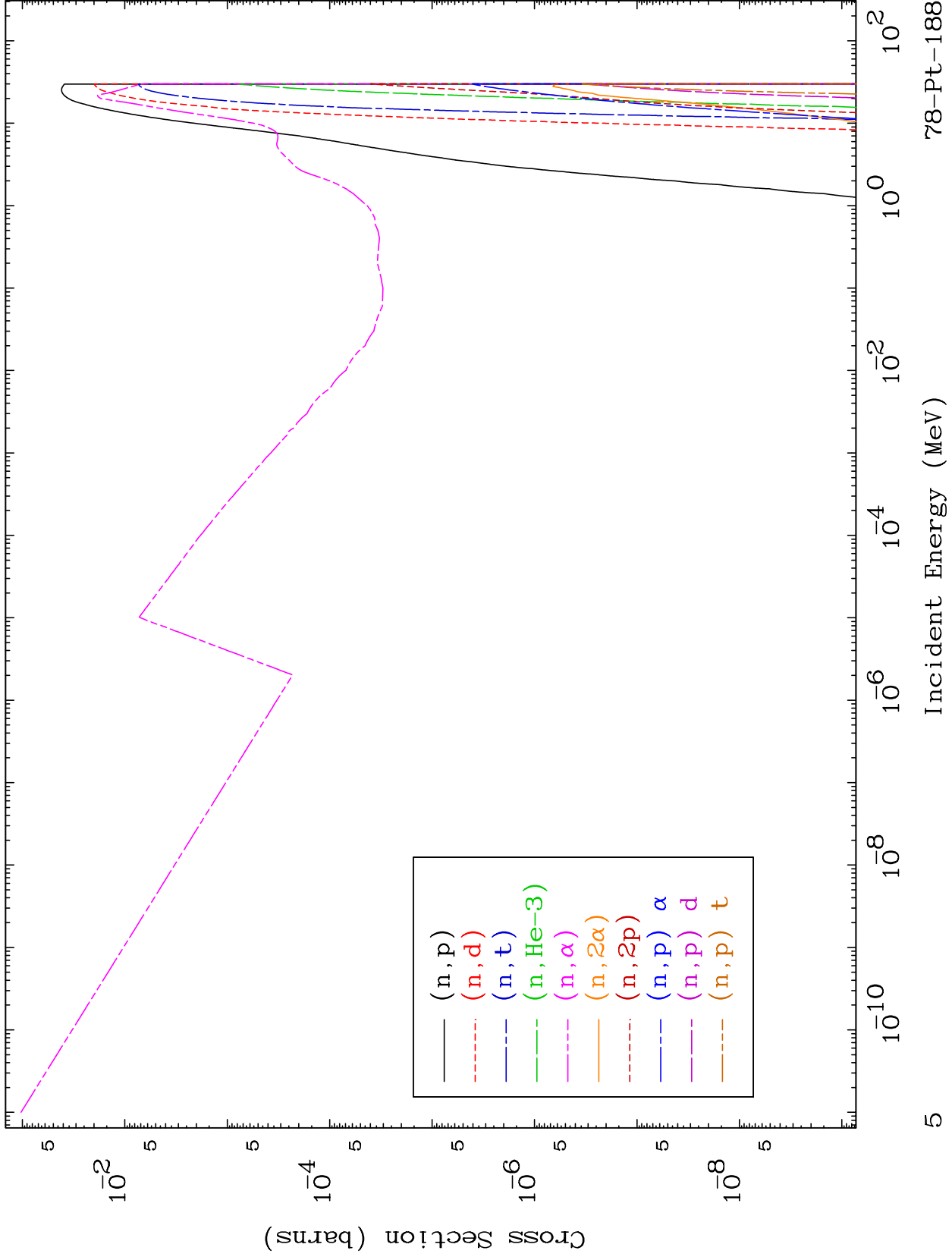
78-Pt-188



MAT 7819

Charged Particle
293 Kelvin Cross Sections

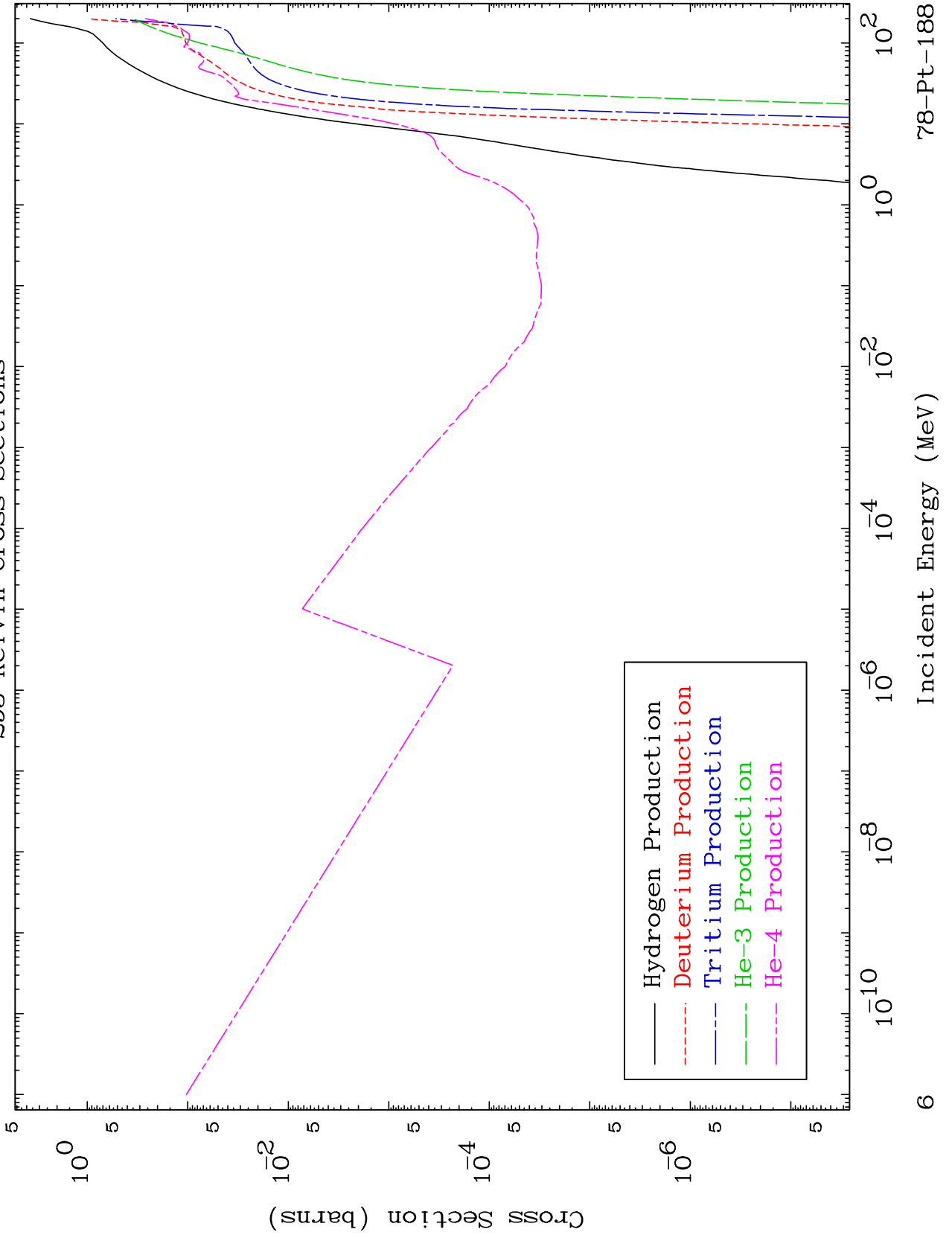
78-Pt-188



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Particle Production
293 Kelvin Cross Sections

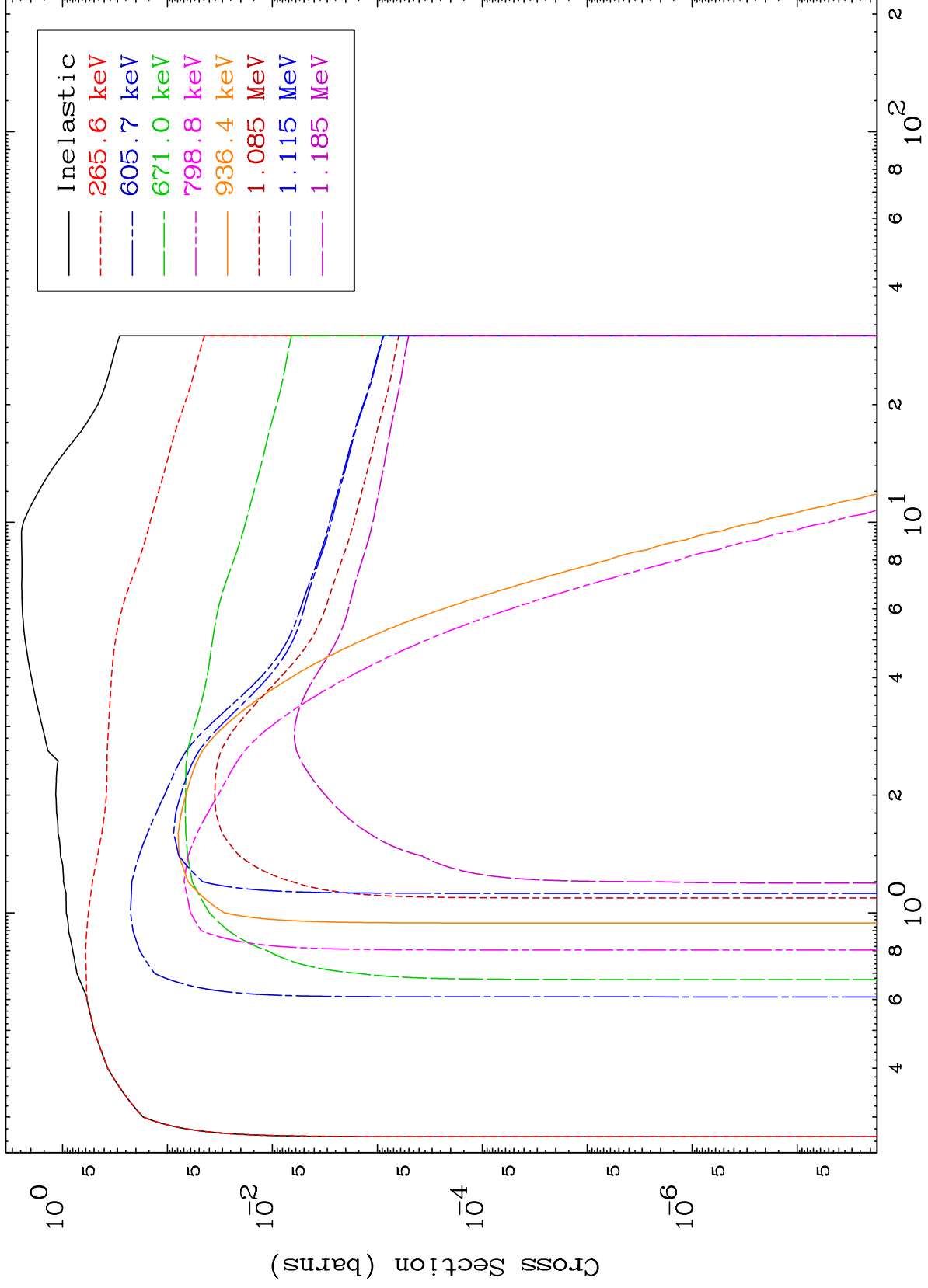
78-Pt-188



MAT 7819

(n,n') Level
293 Kelvin Cross Sections

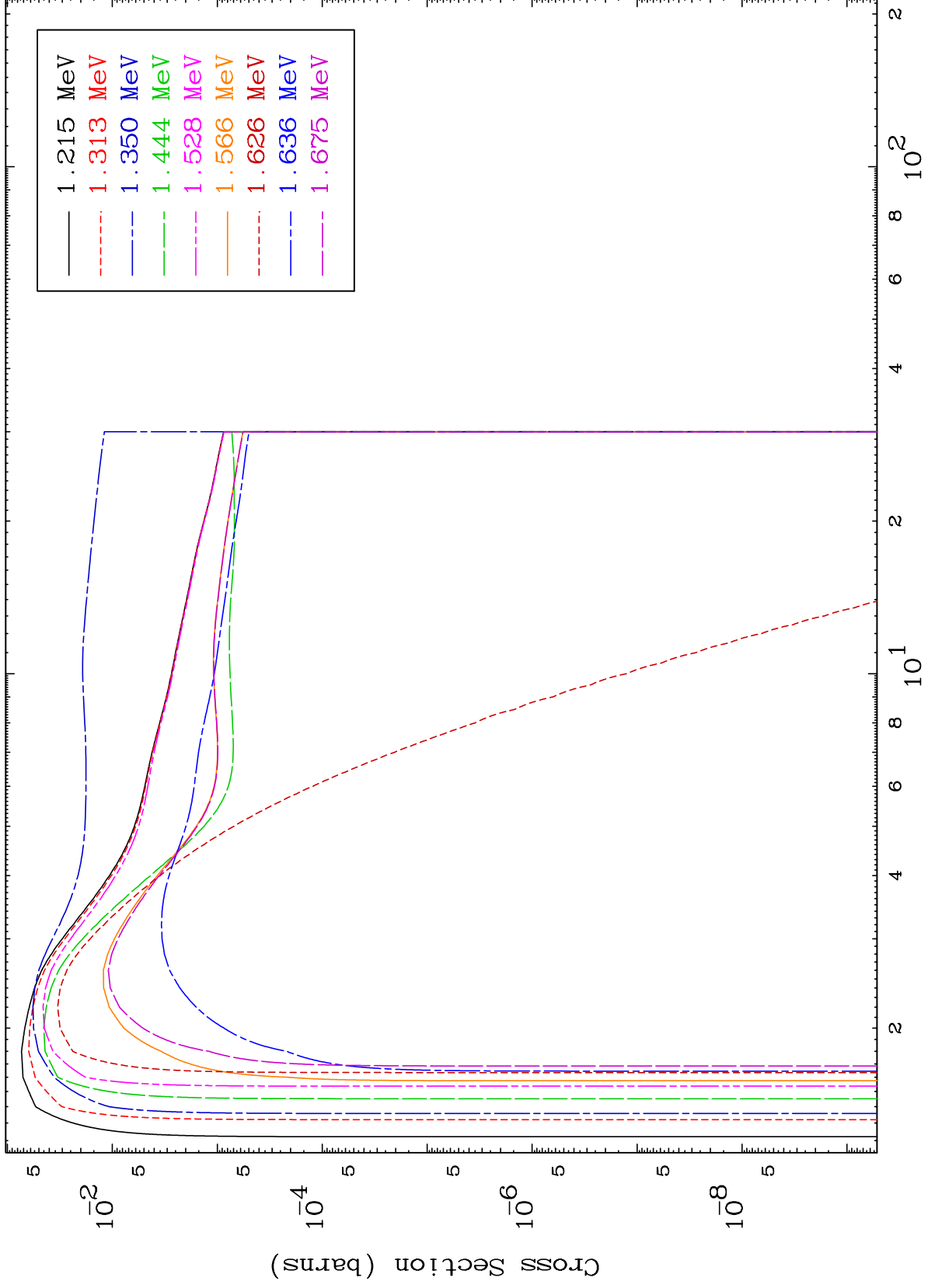
78-Pt-188



MAT 7819

(n,n') Level
293 Kelvin Cross Sections

78-Pt-188



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Incident Energy (MeV)

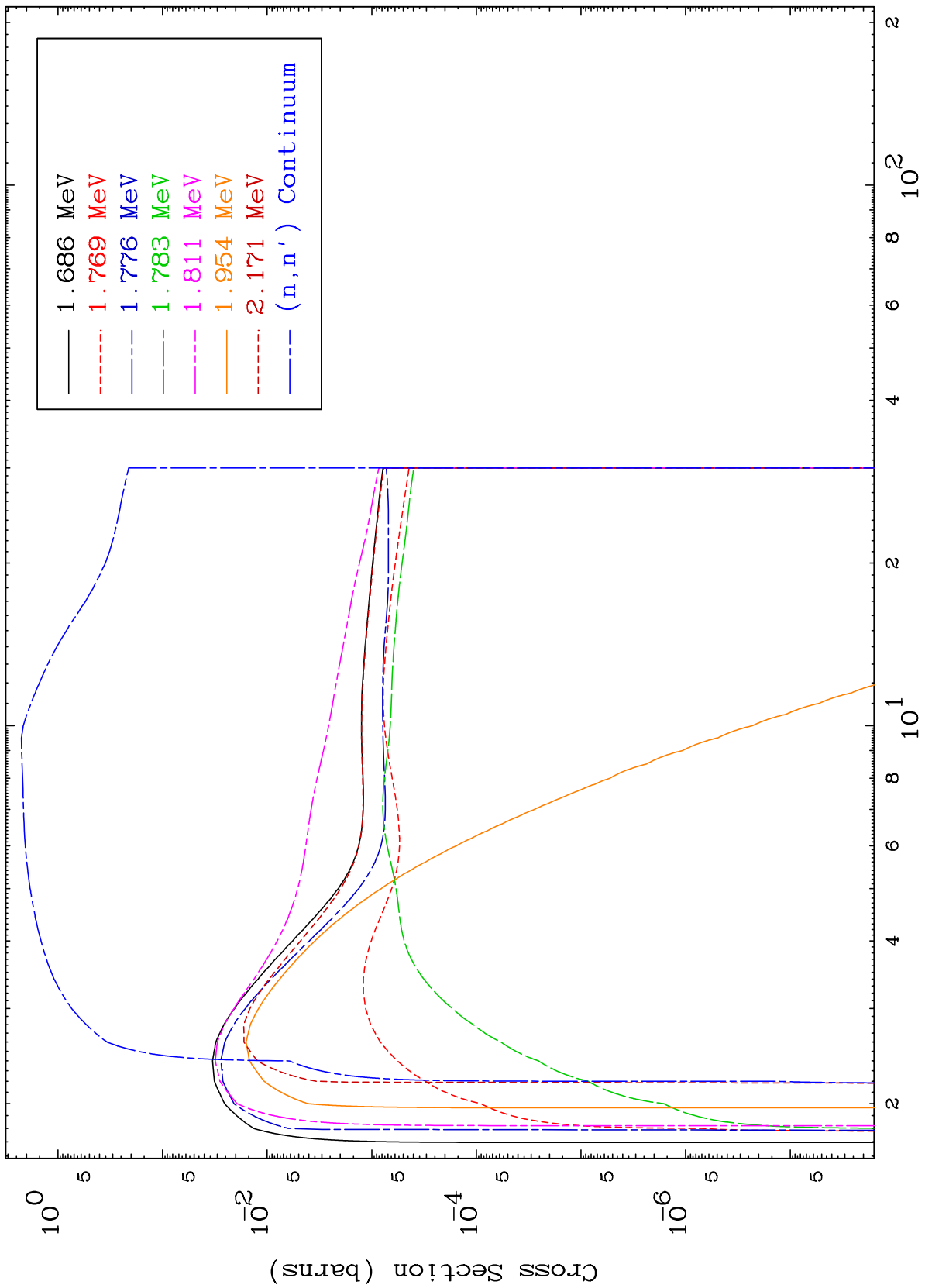
78-Pt-188

MAT 7819

(n,n') Level

78-Pt-188

293 Kelvin Cross Sections



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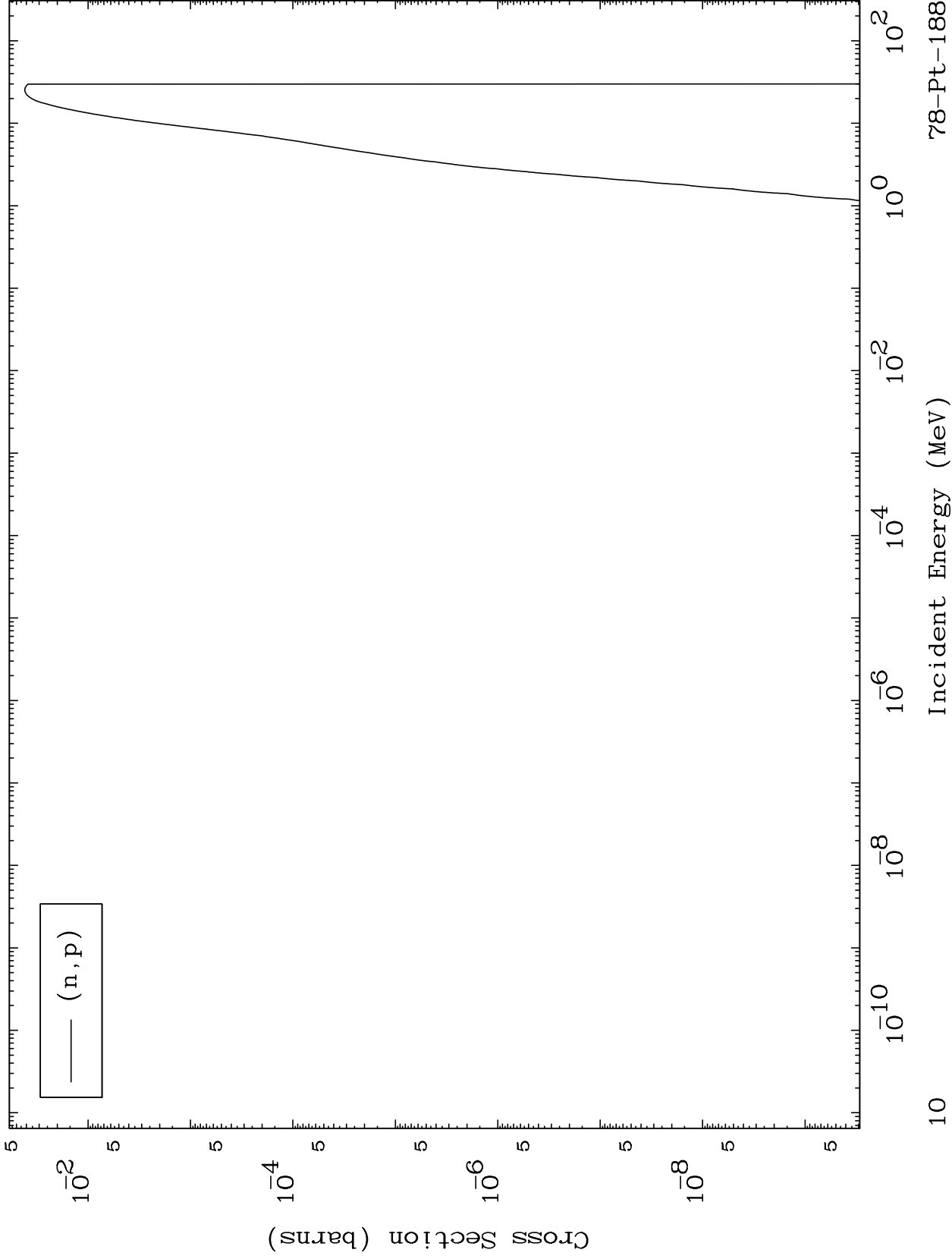
Incident Energy (MeV)

78-Pt-188

MAT 7819

(n,p) Levels
293 Kelvin Cross Sections

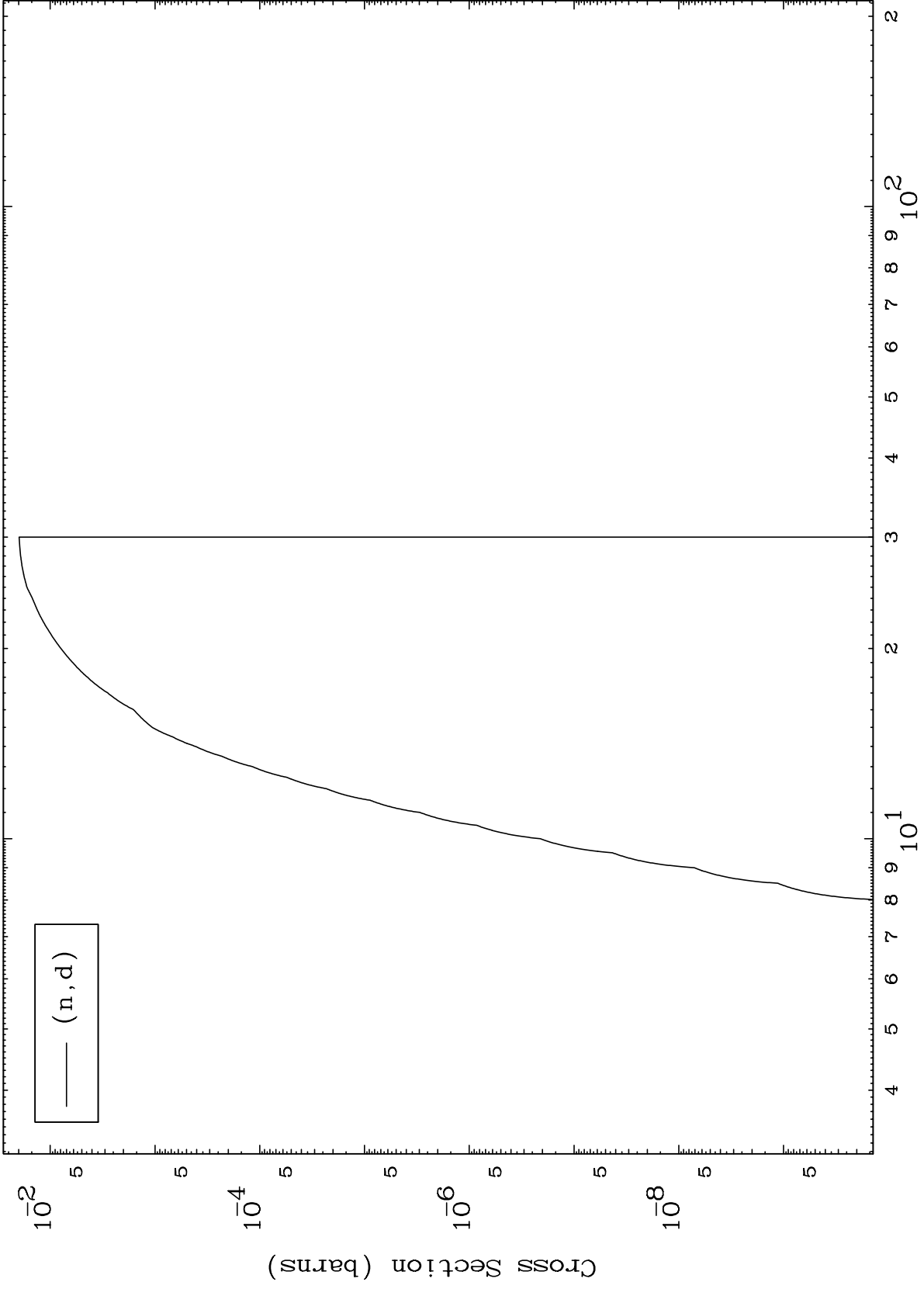
78-Pt-188



MAT 7819

(n,d) Levels
293 Kelvin Cross Sections

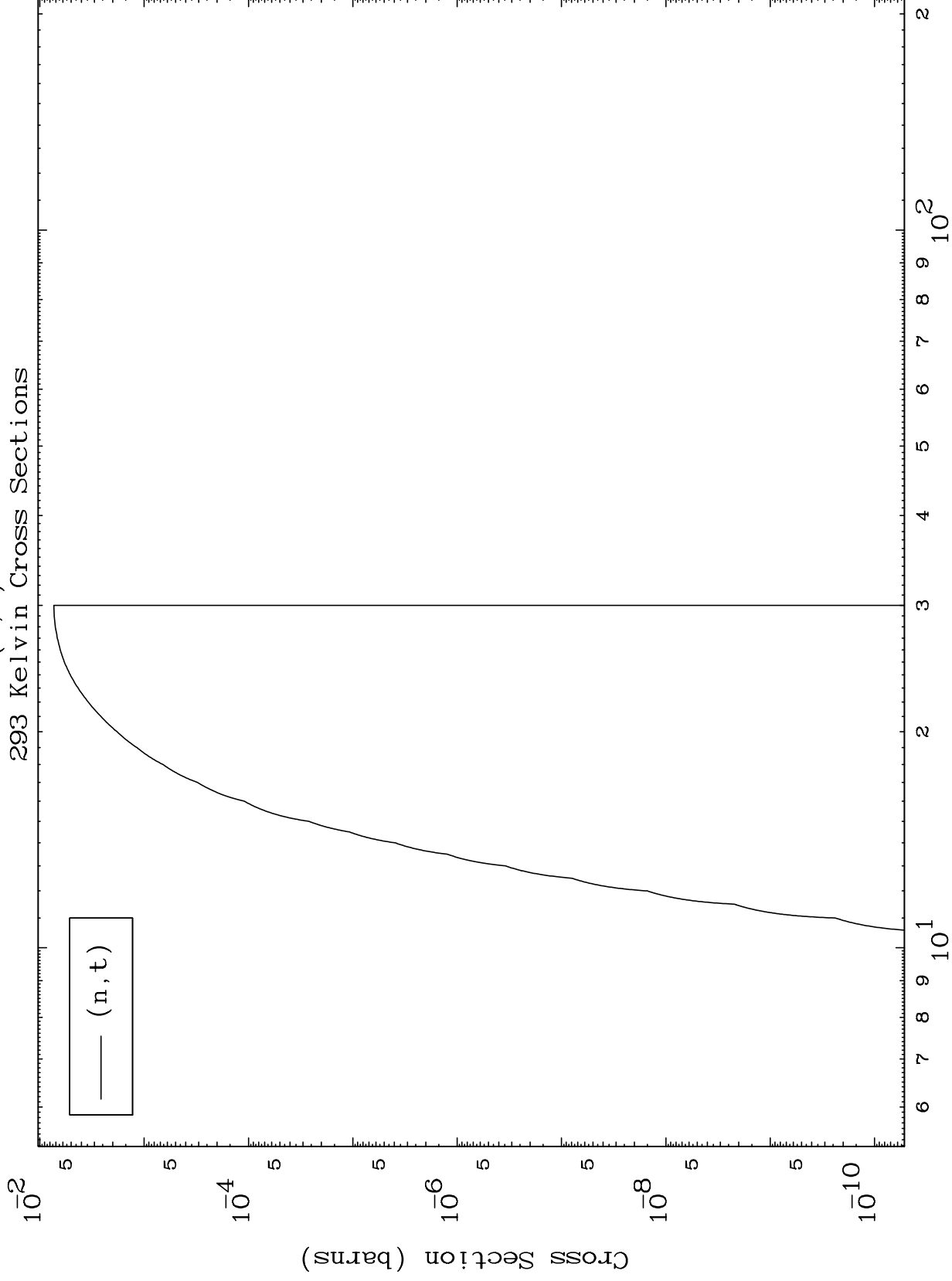
78-Pt-188



MAT 7819

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-188



12

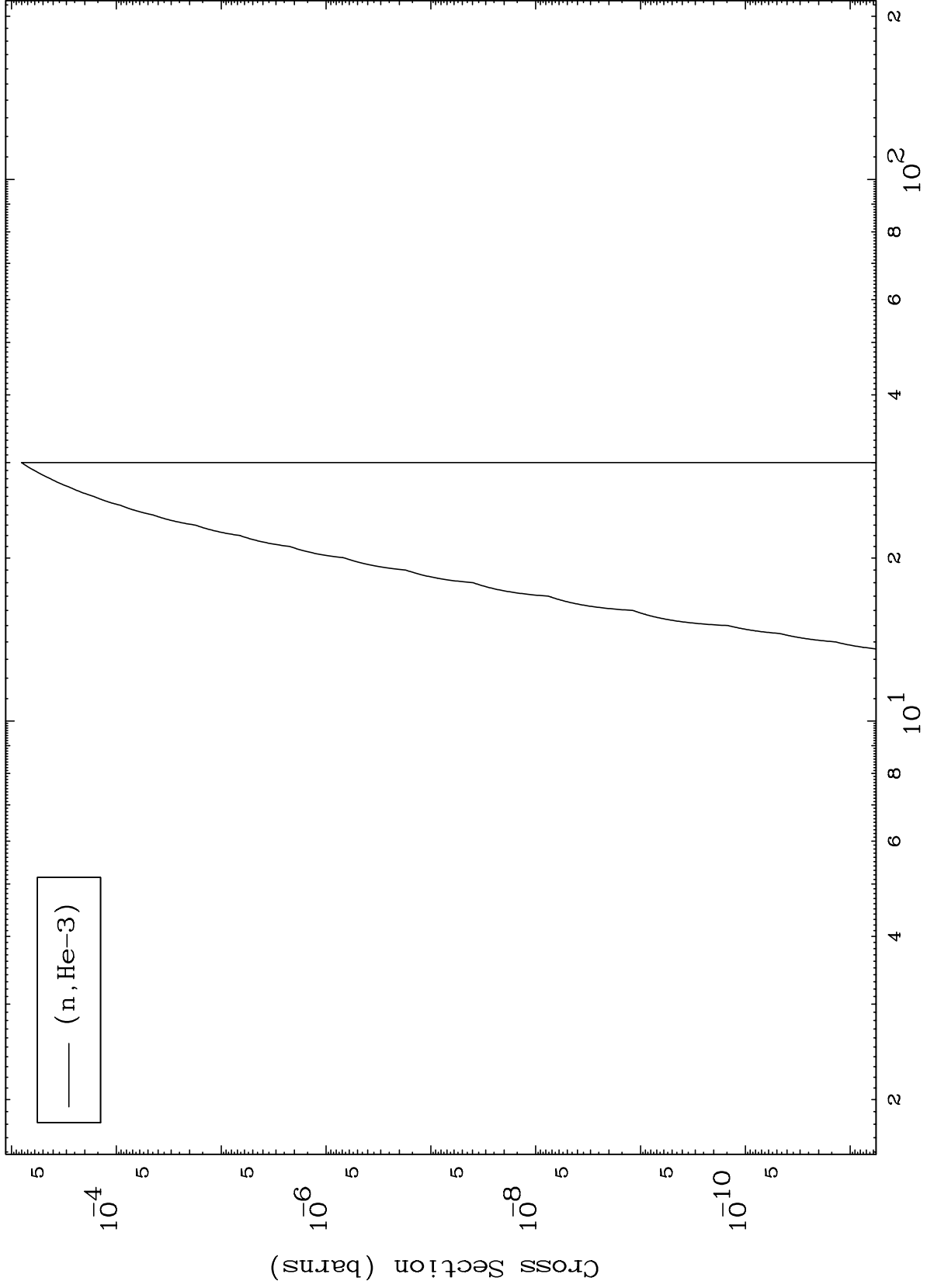
Incident Energy (MeV)

78-Pt-188

MAT 7819

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-188



13

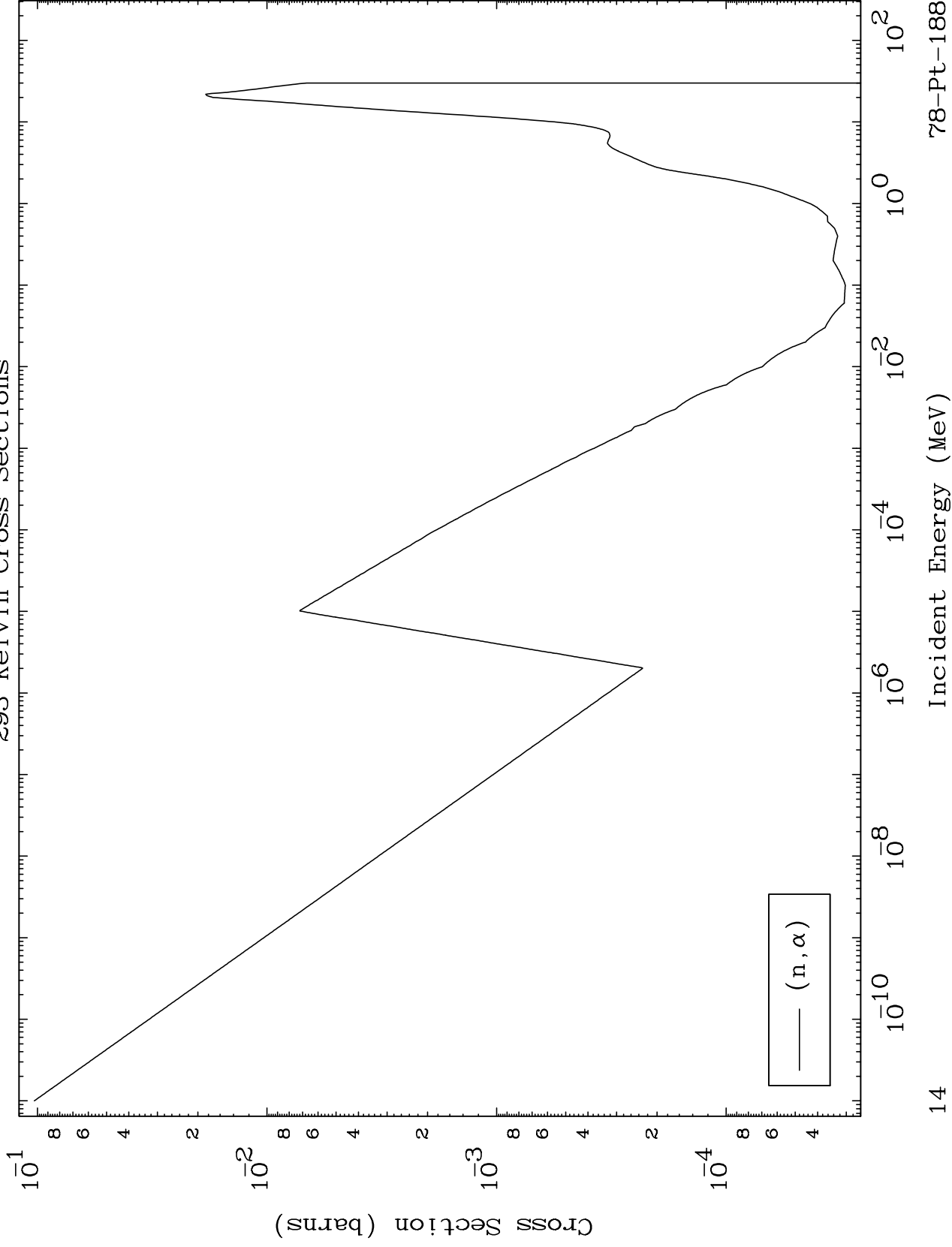
Incident Energy (MeV)

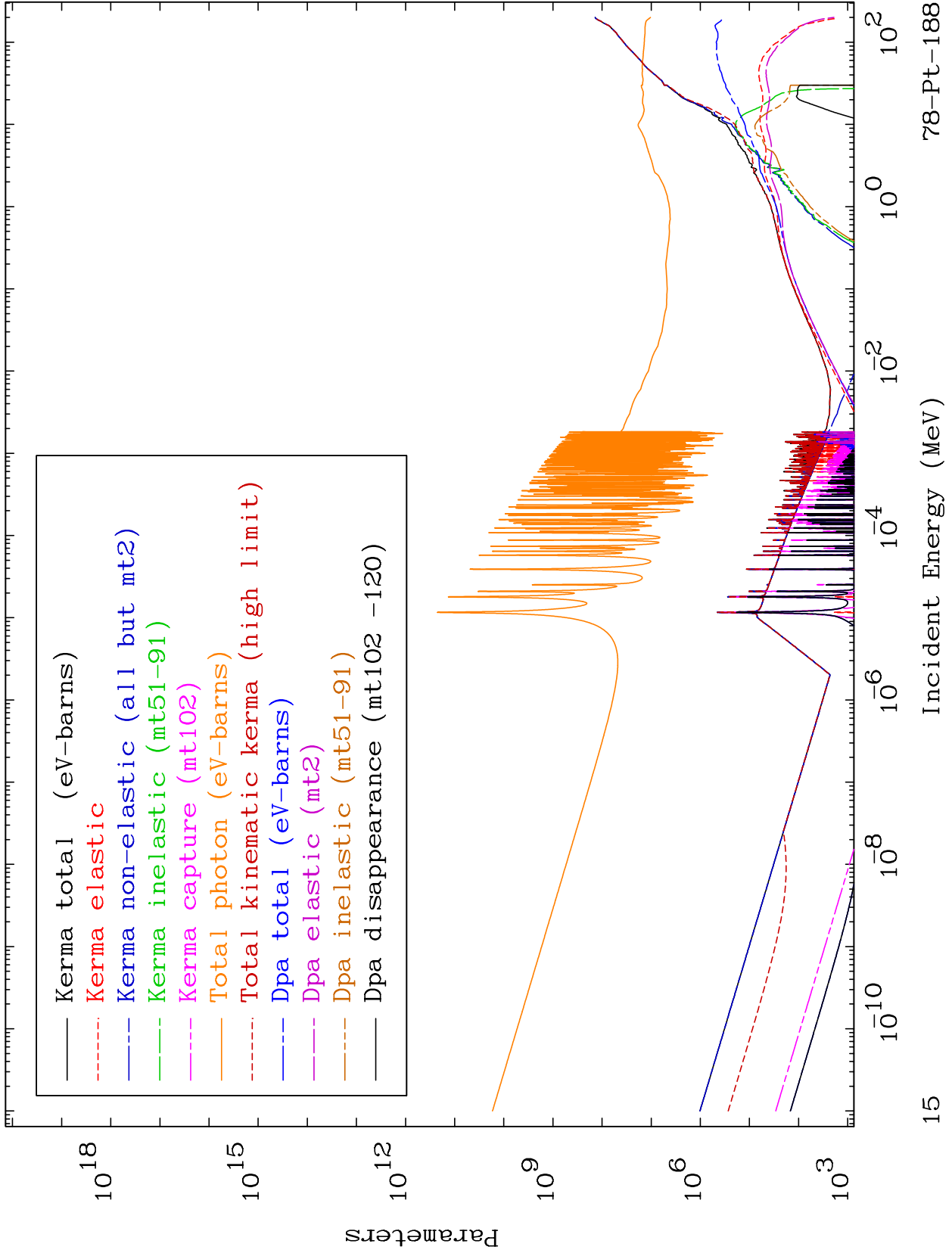
78-Pt-188

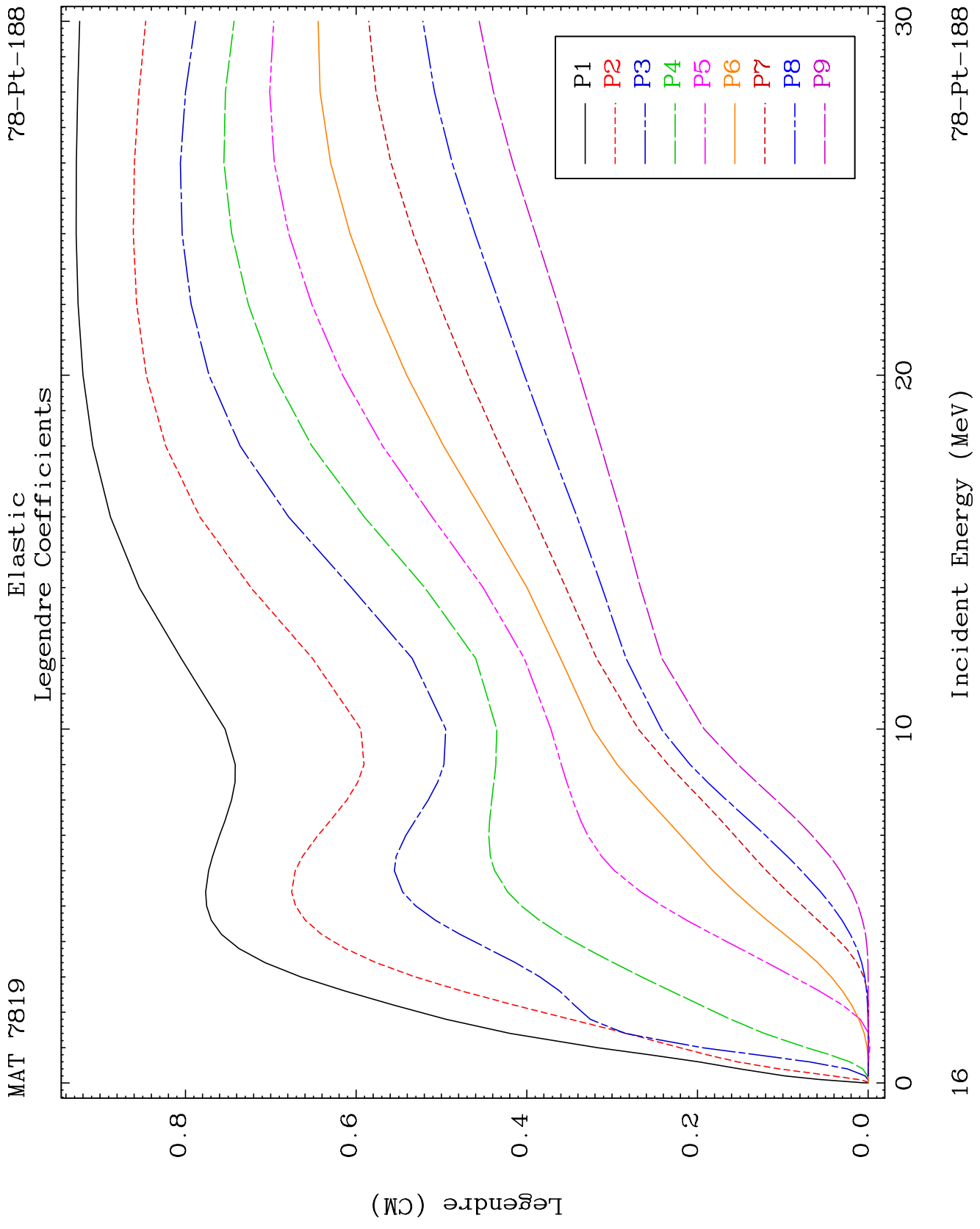
MAT 7819

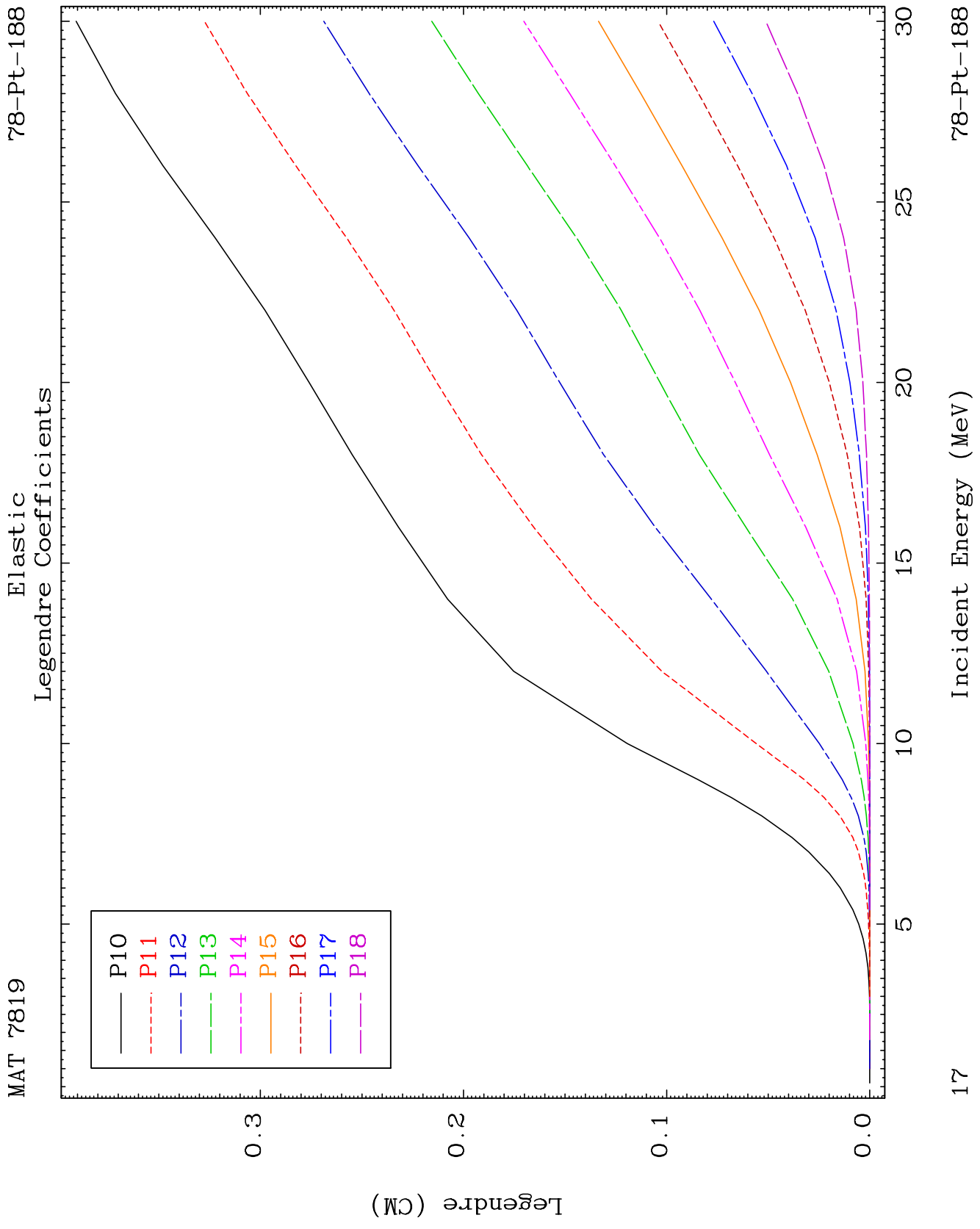
(n,α) Levels
293 Kelvin Cross Sections

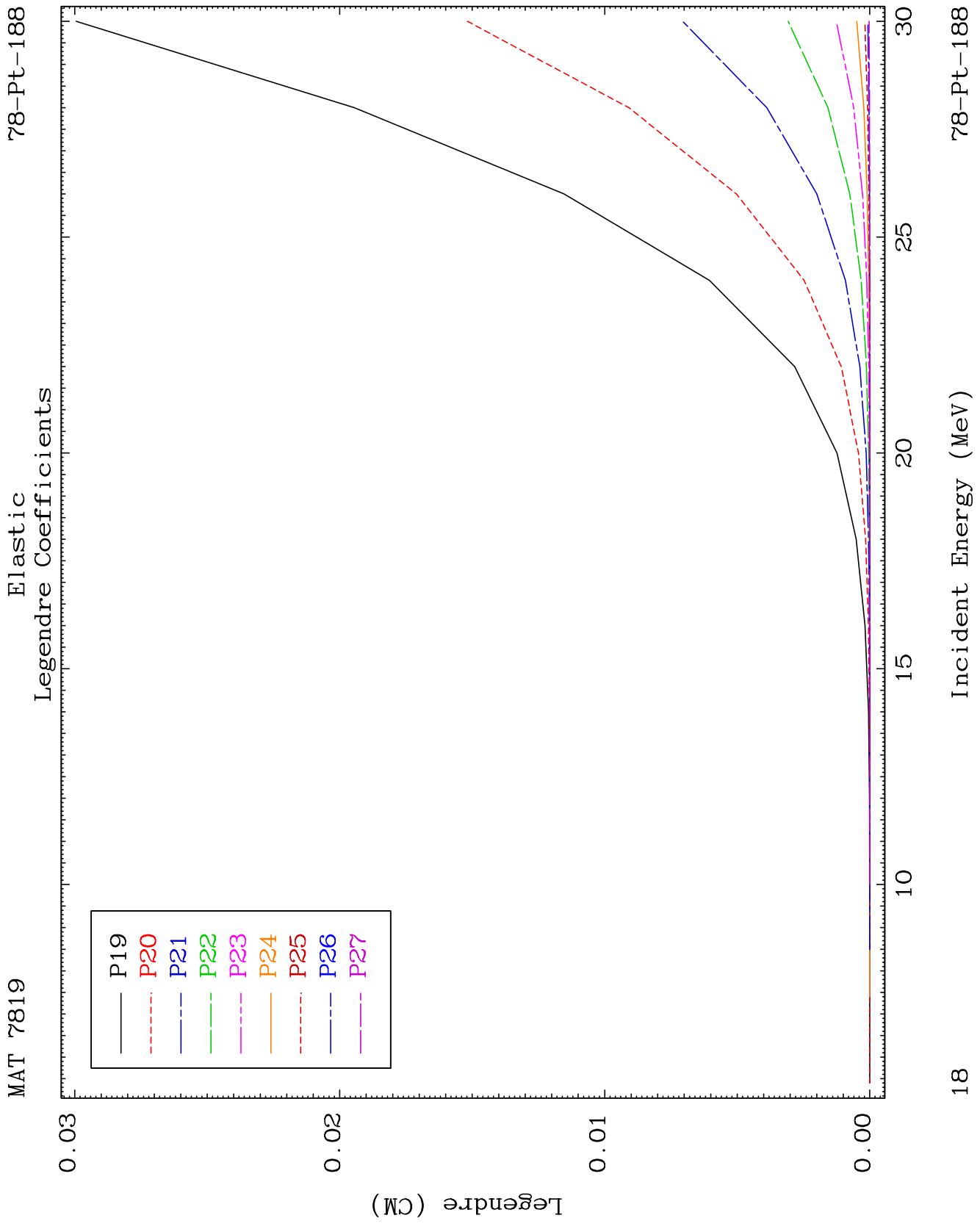
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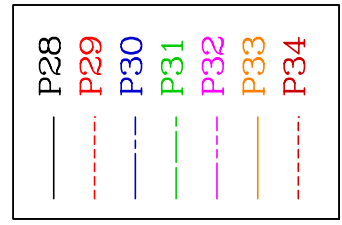




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Elastic Legendre Coefficients

78-Pt-188



$\times 10^{-68}$

Legendre (CM)

10

15

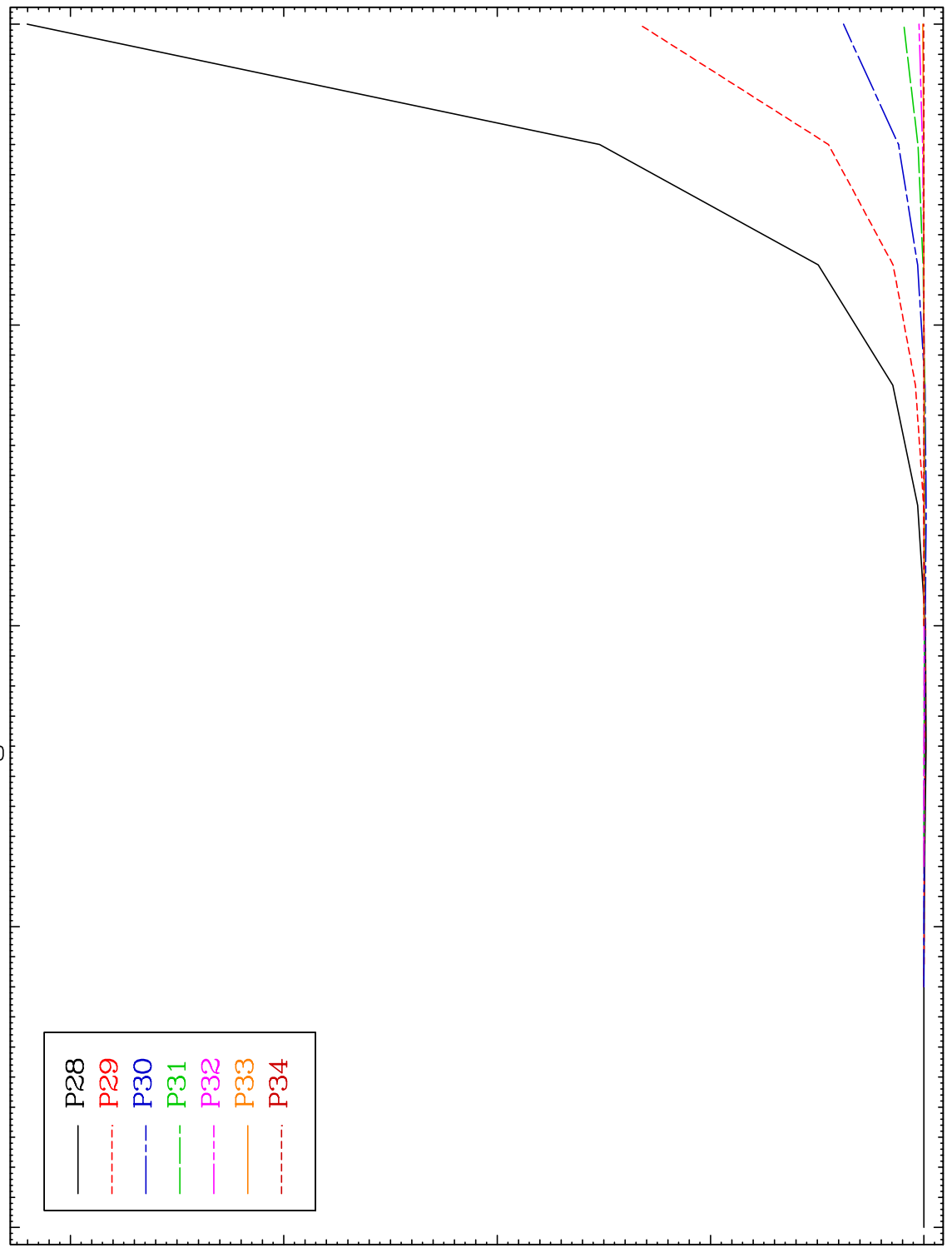
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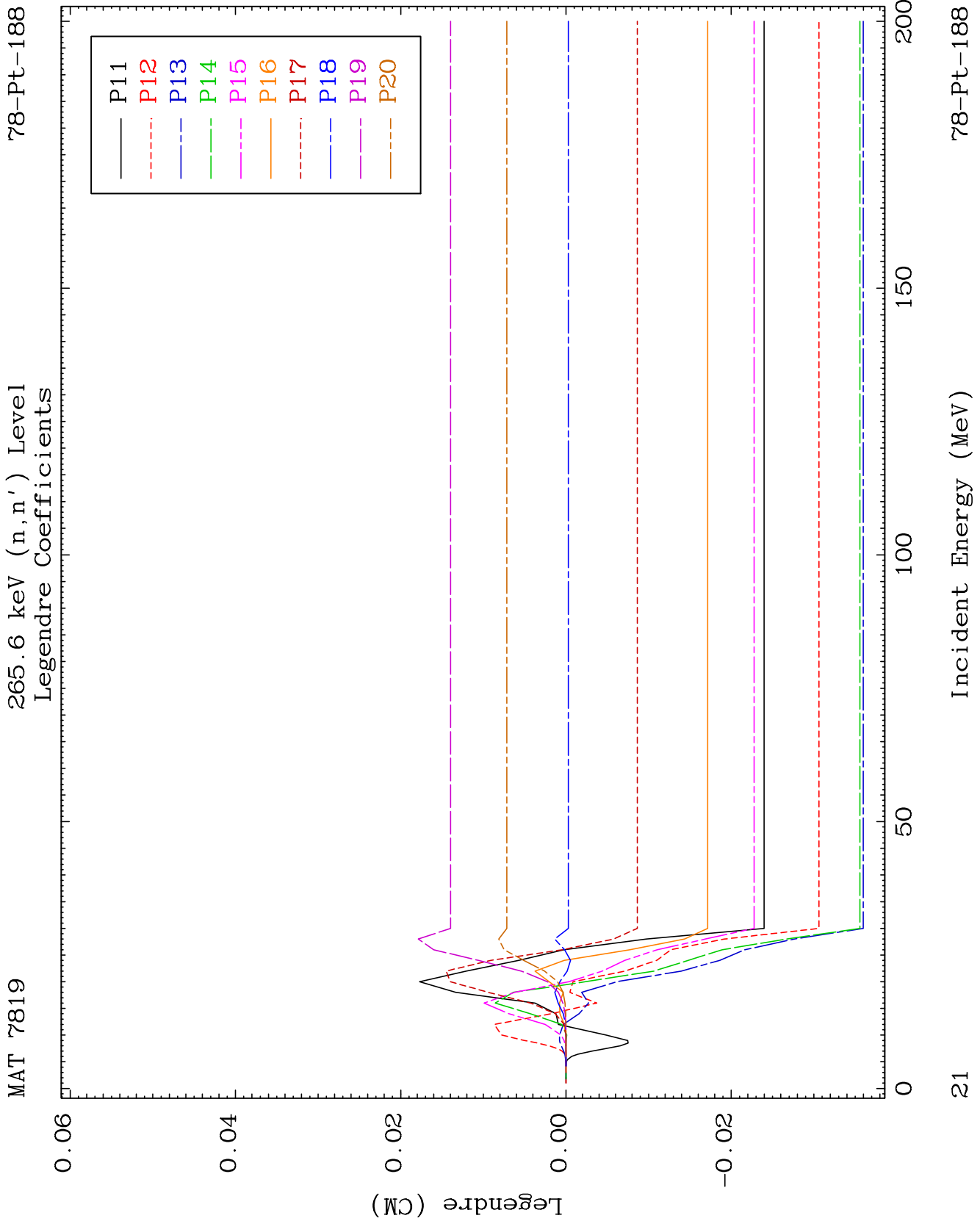
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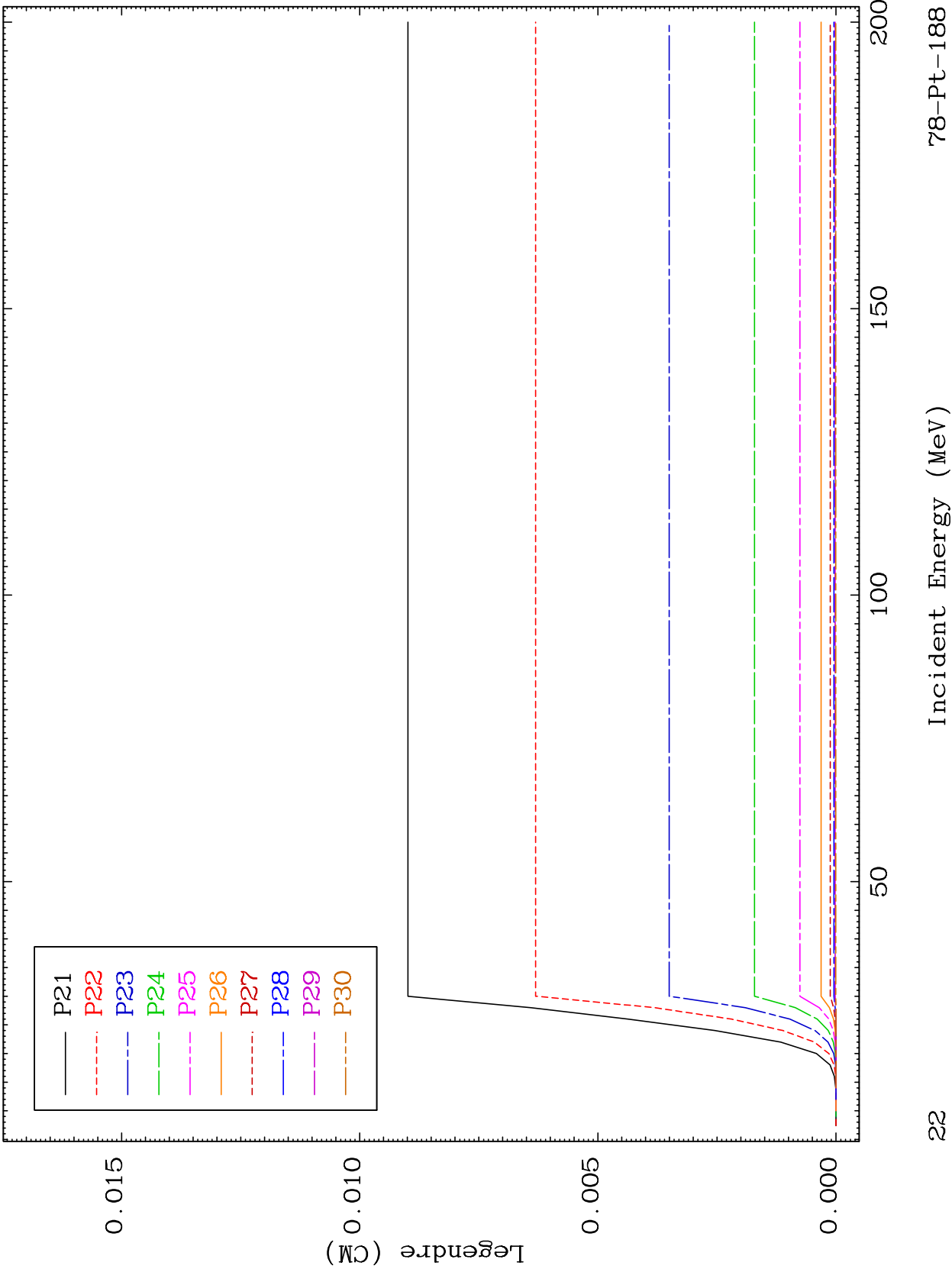
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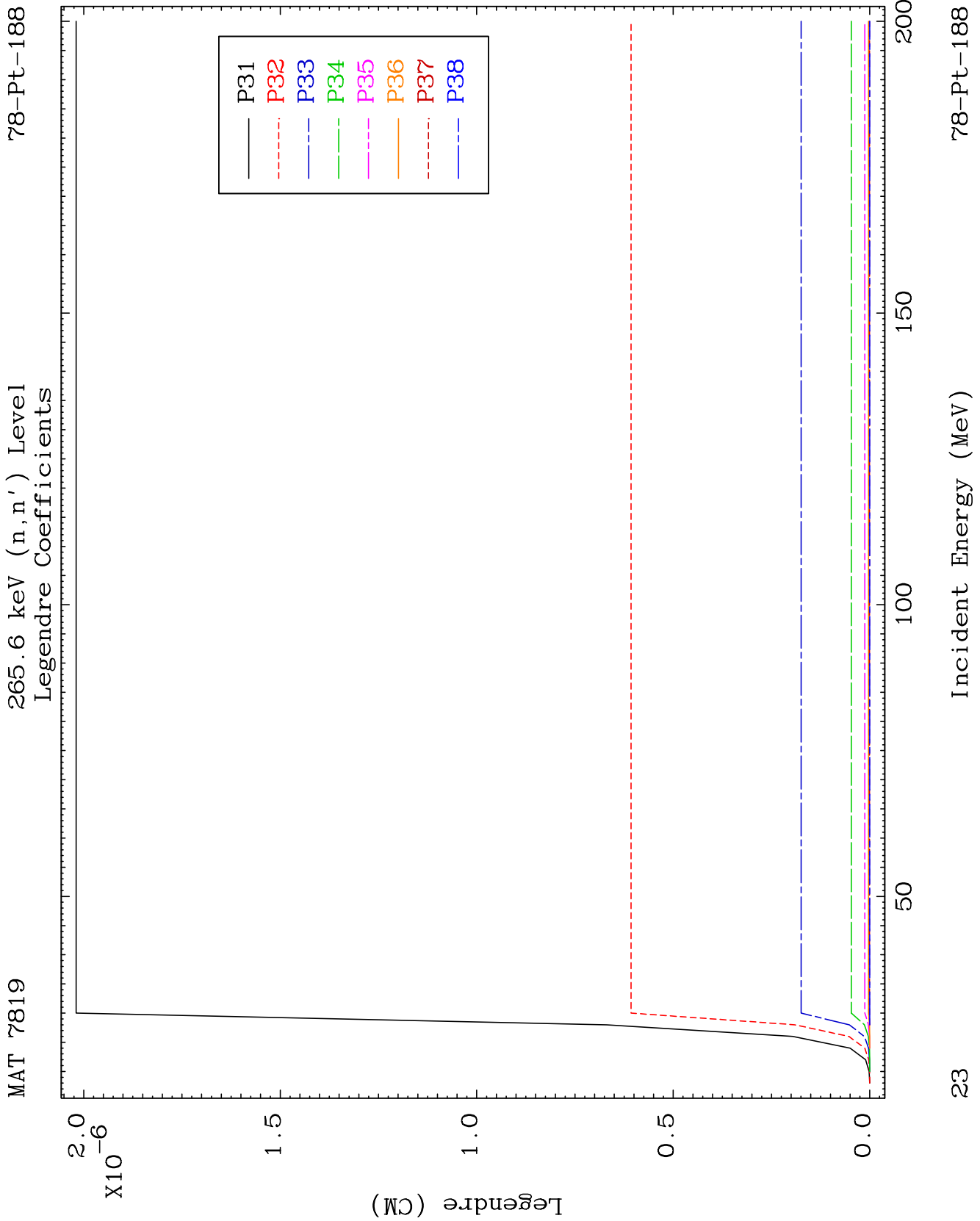
Incident Energy (MeV)

78-Pt-188





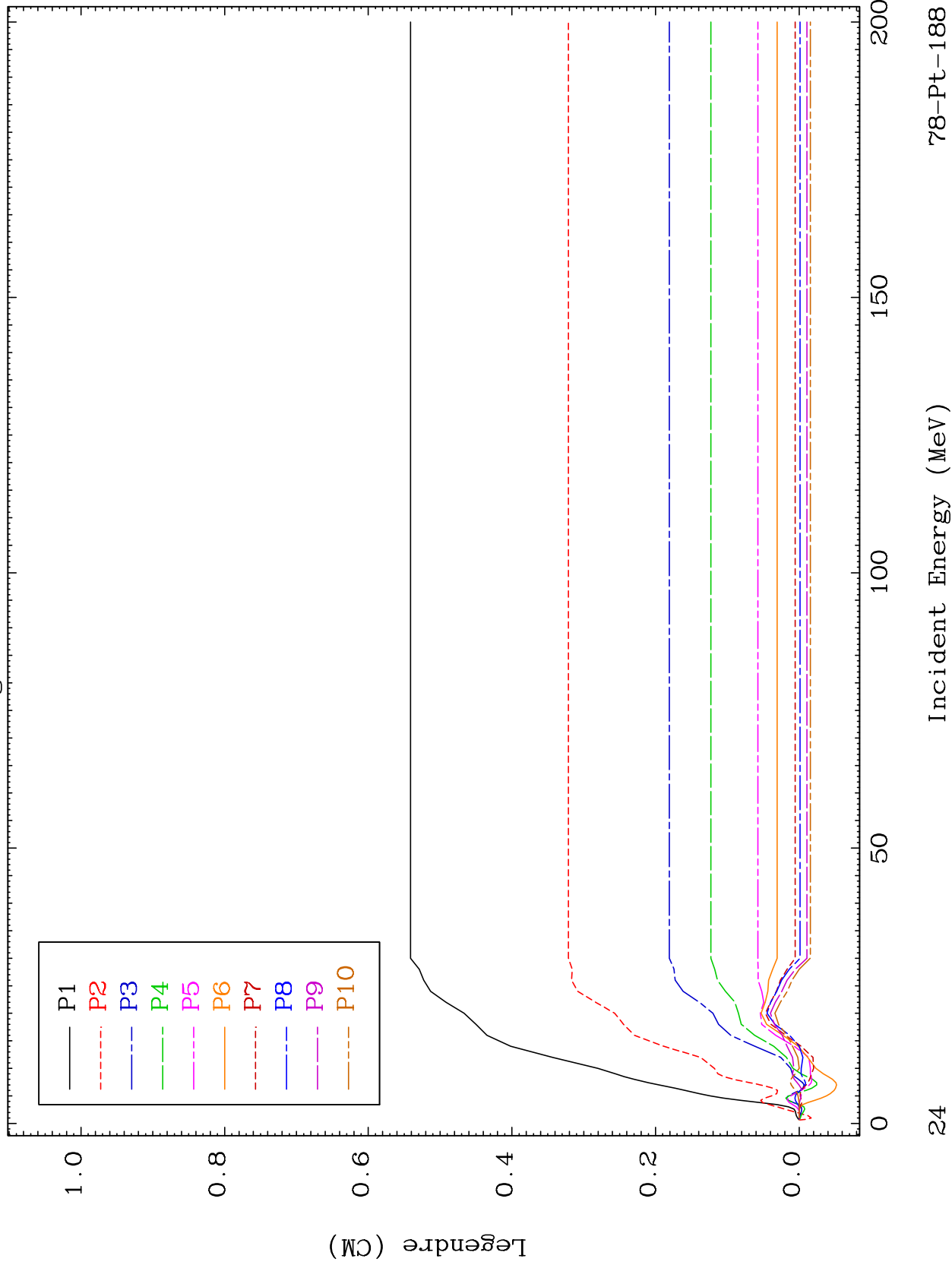




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605.7 keV (n,n') Level
Legendre Coefficients

78-Pt-188



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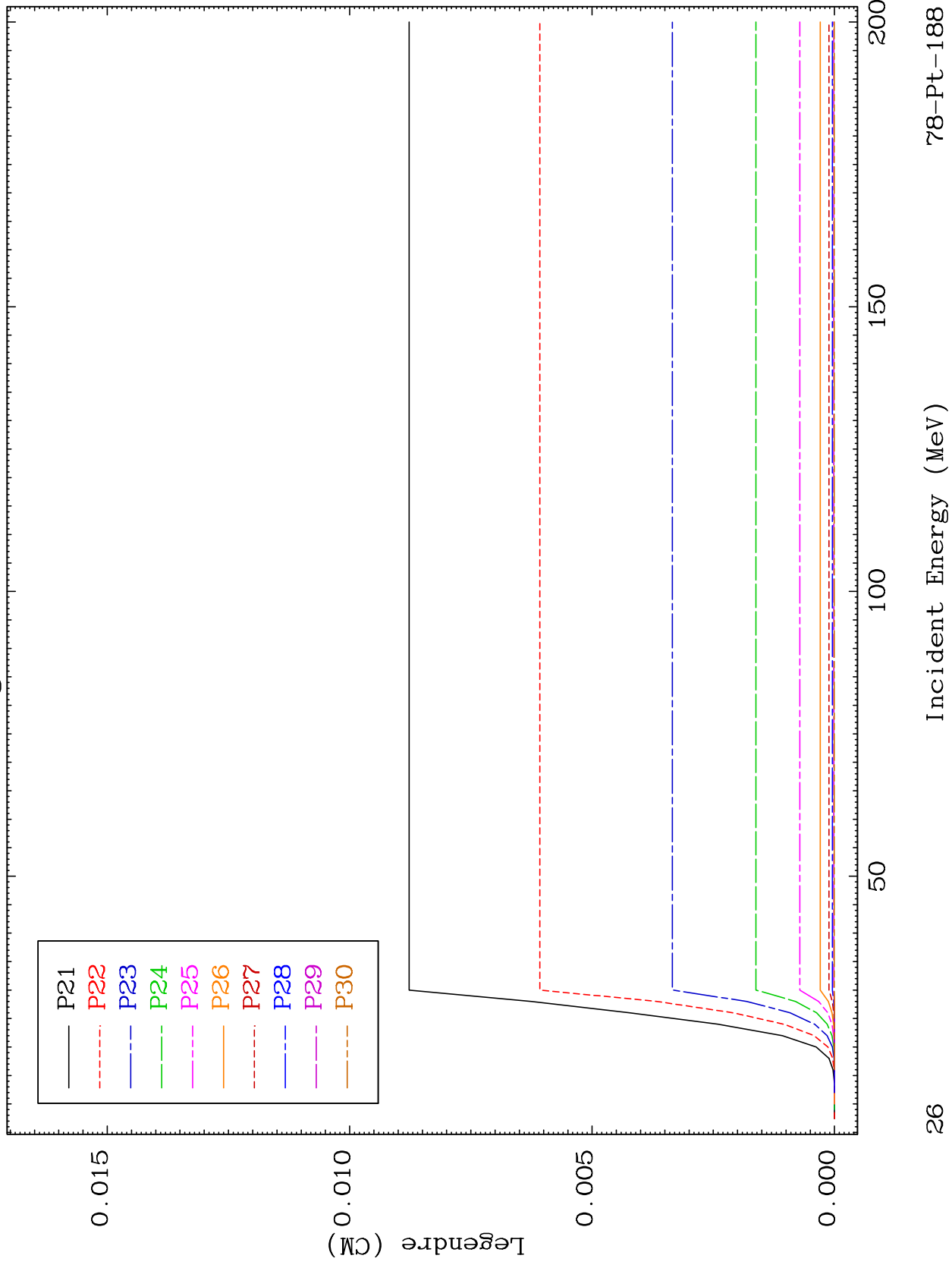
Incident Energy (MeV)

78-Pt-188

MAT 7819

605.7 keV (n,n') Level
Legendre Coefficients

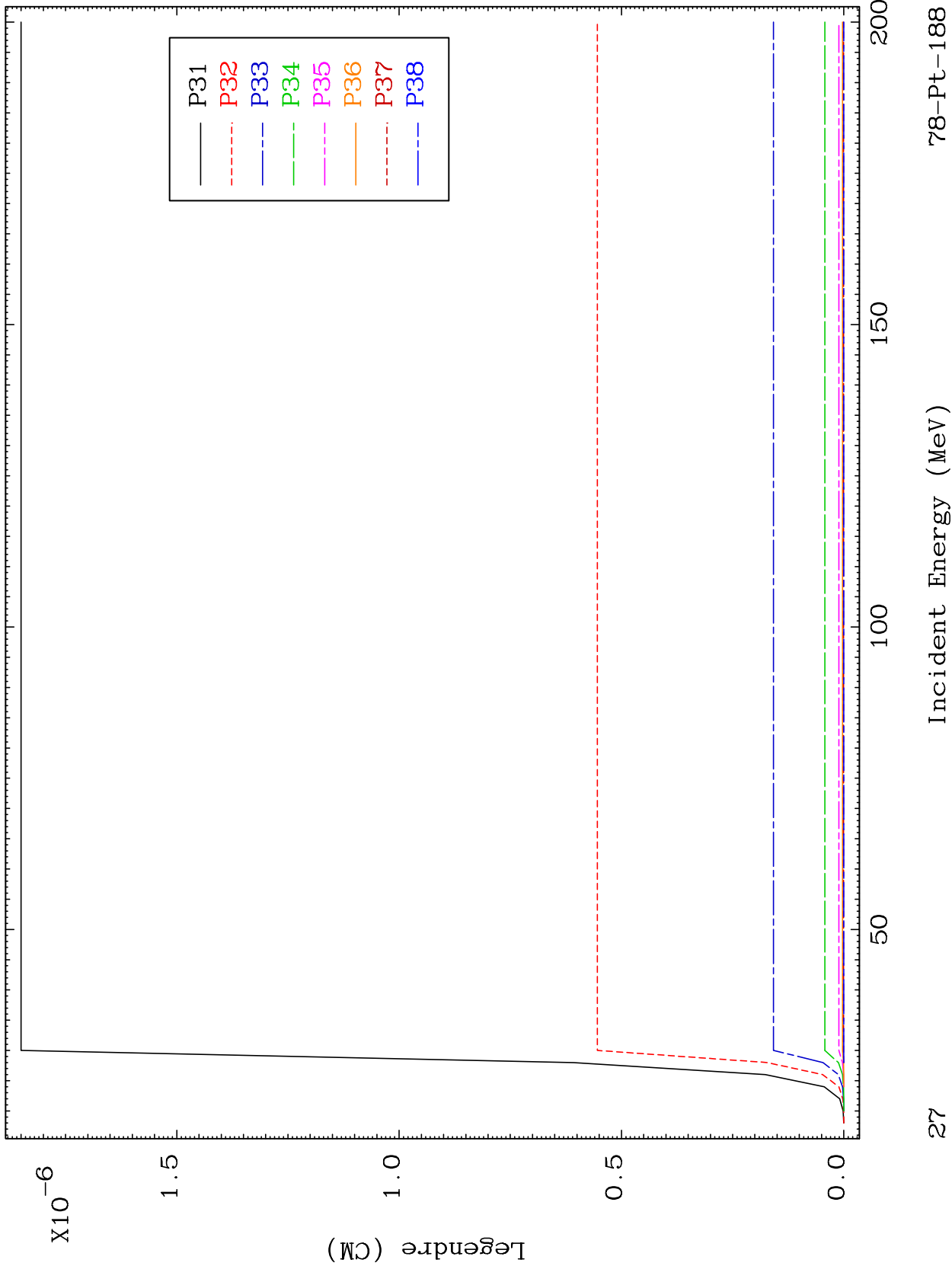
78-Pt-188

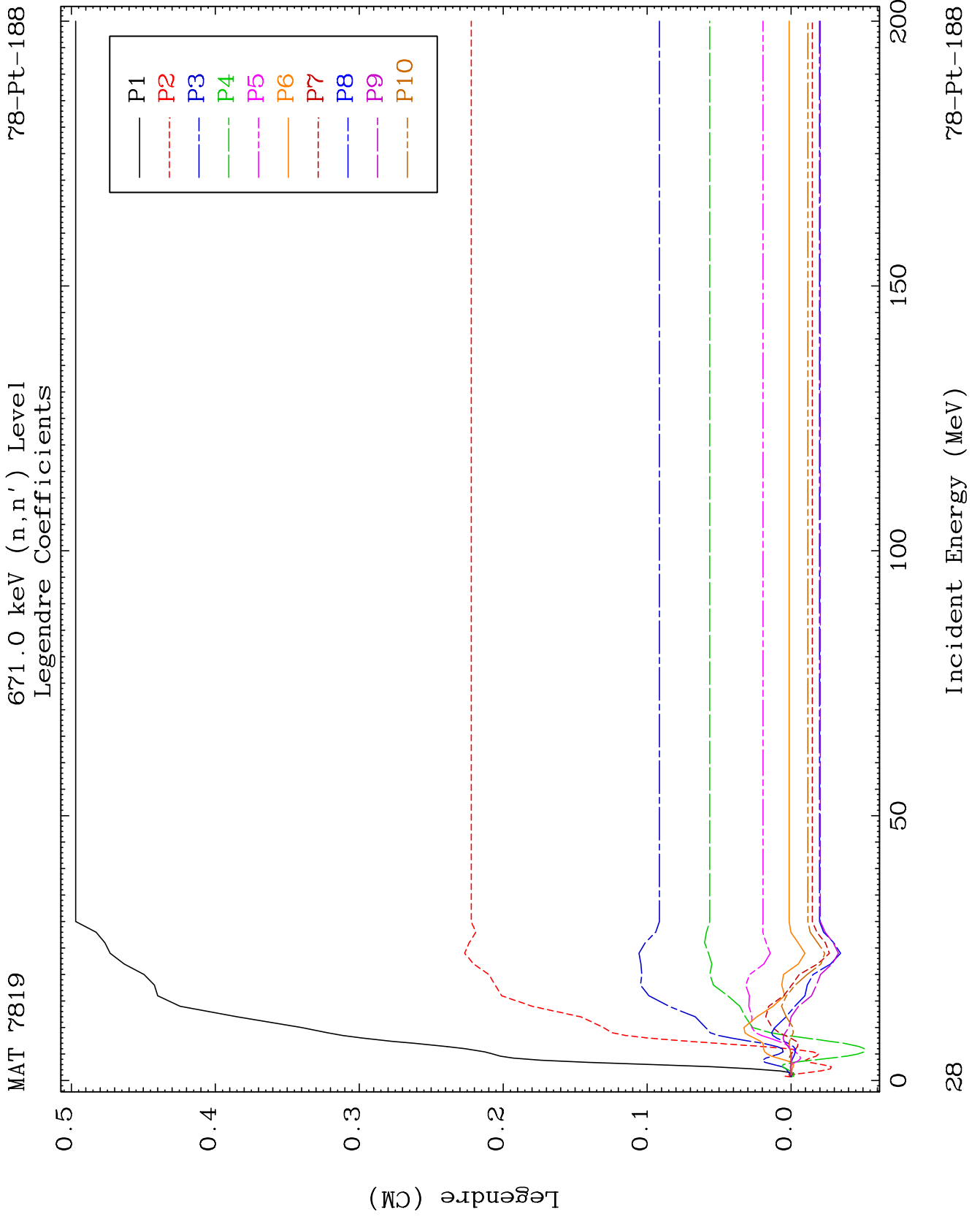


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Incident Energy (MeV)

78-Pt-188

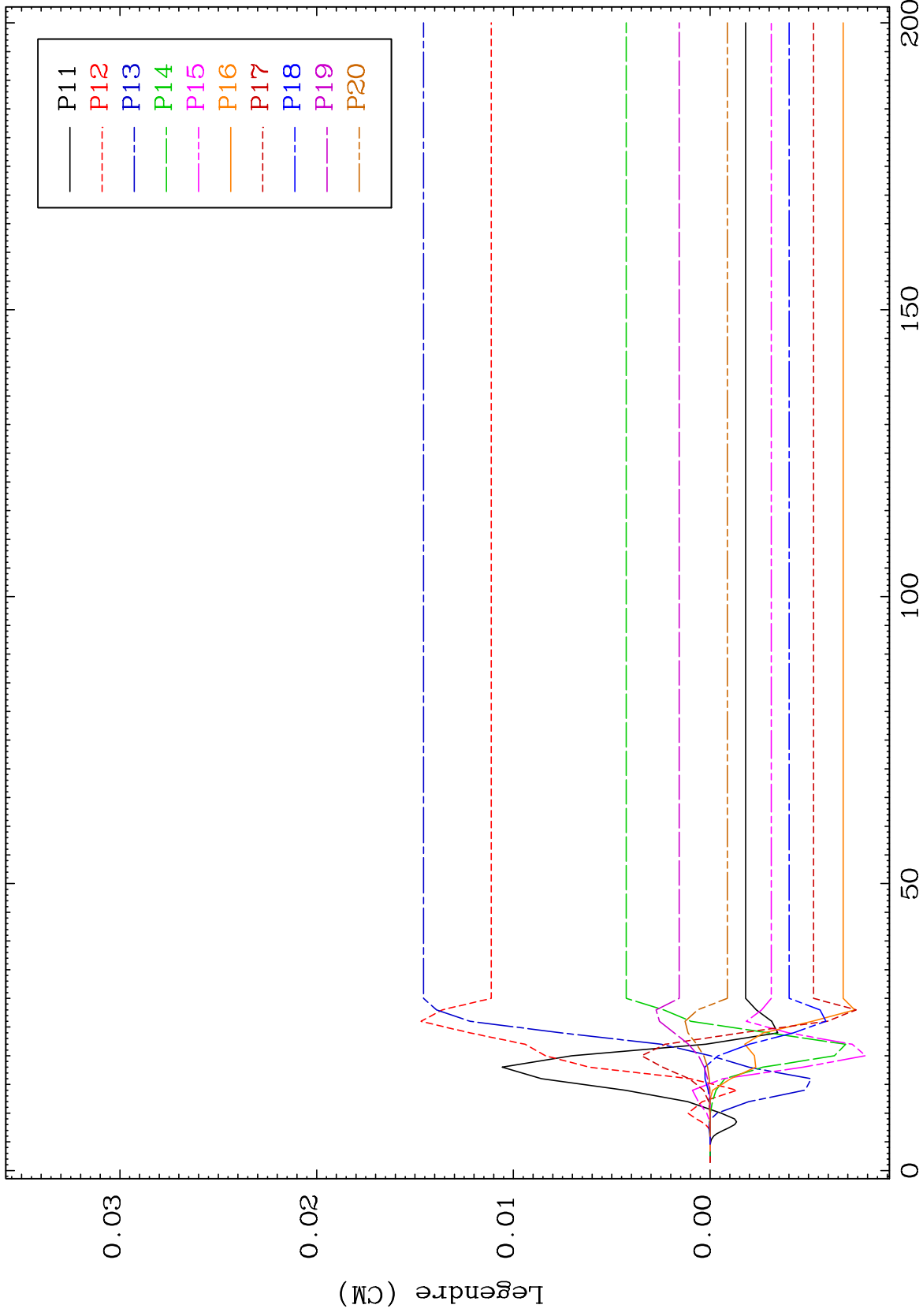




MAT 7819

671.0 keV (n,n') Level
Legendre Coefficients

78-Pt-188



29

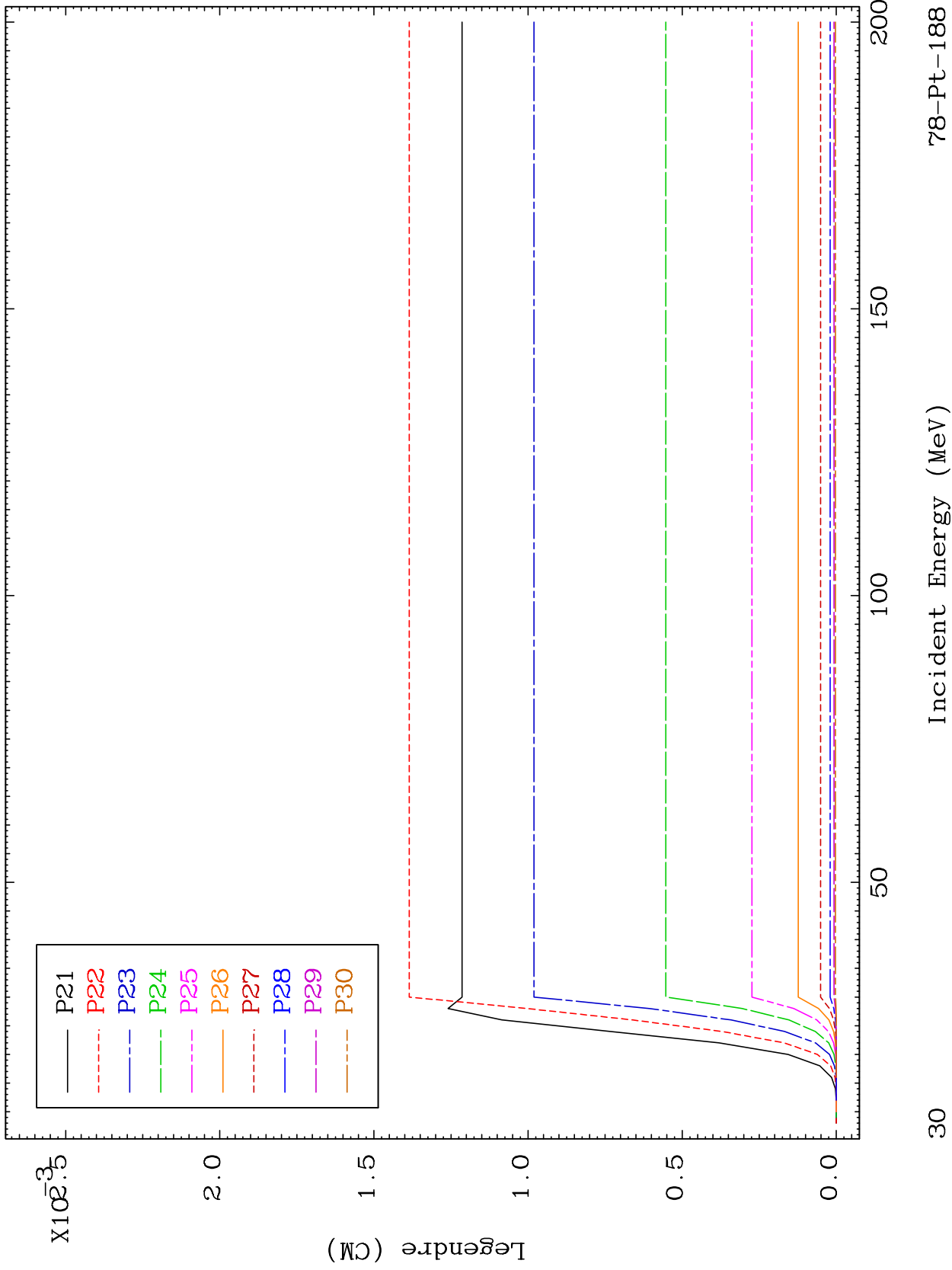
Incident Energy (MeV)

78-Pt-188

MAT 7819

671.0 keV (n,n') Level
Legendre Coefficients

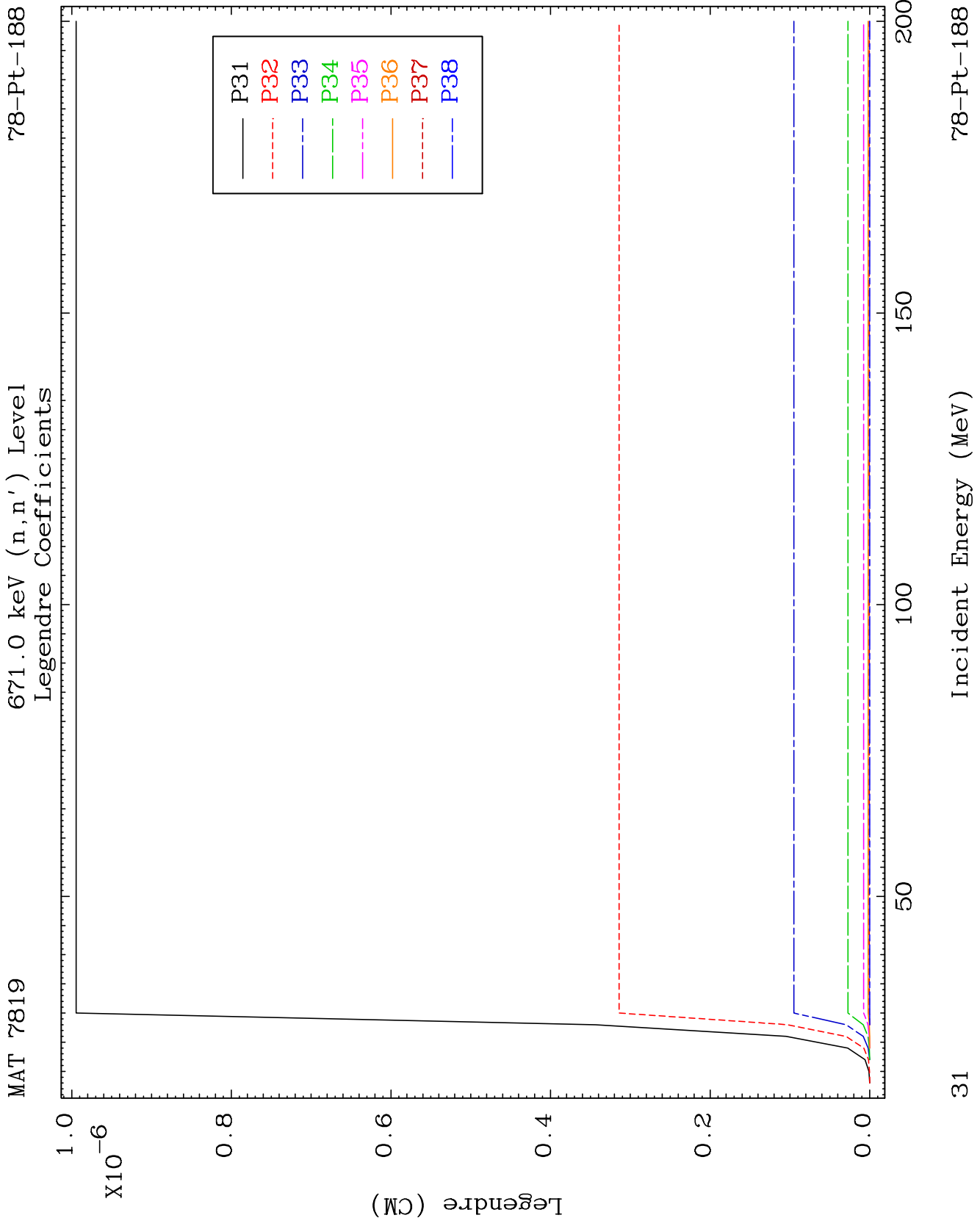
78-Pt-188

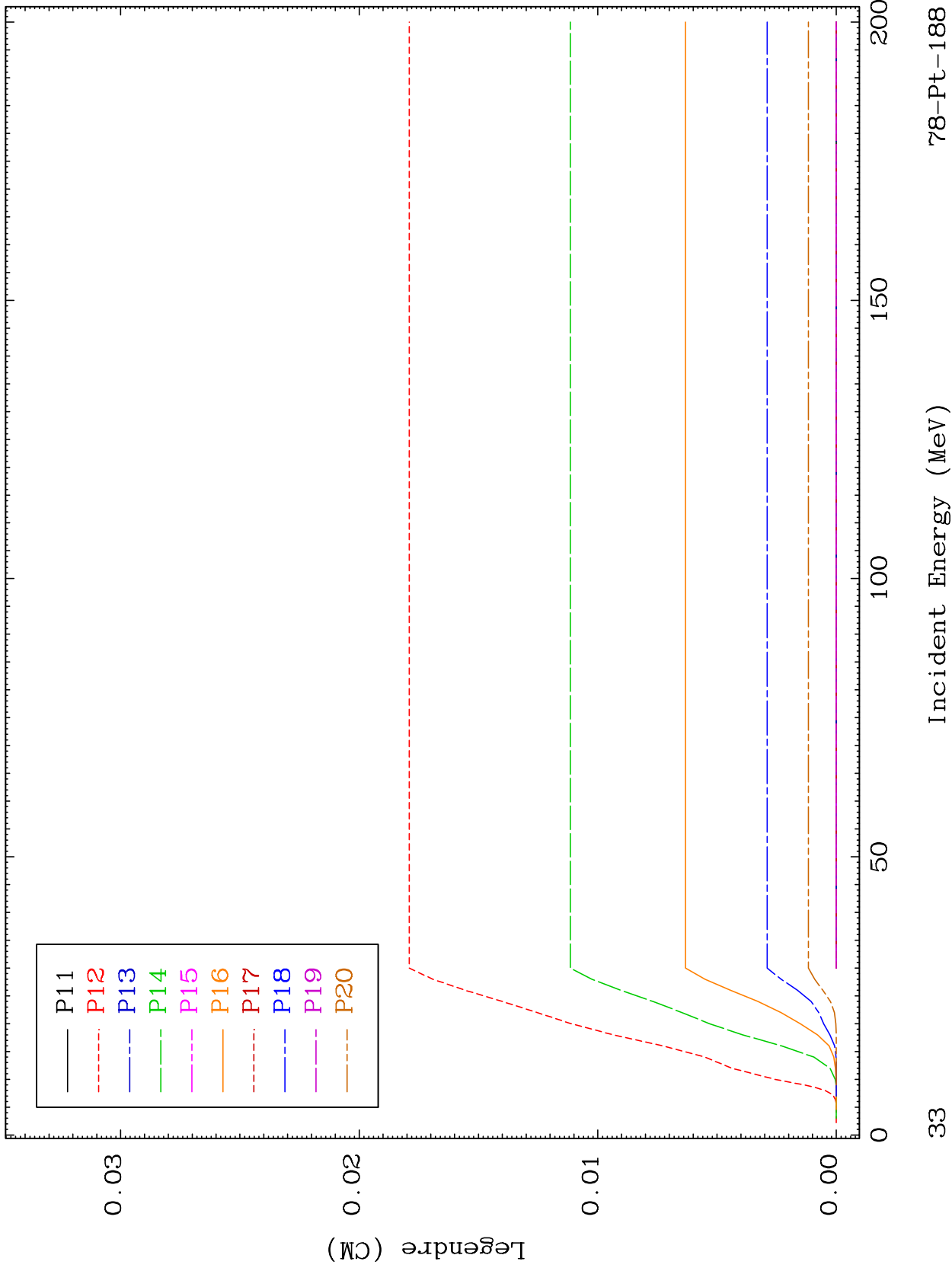


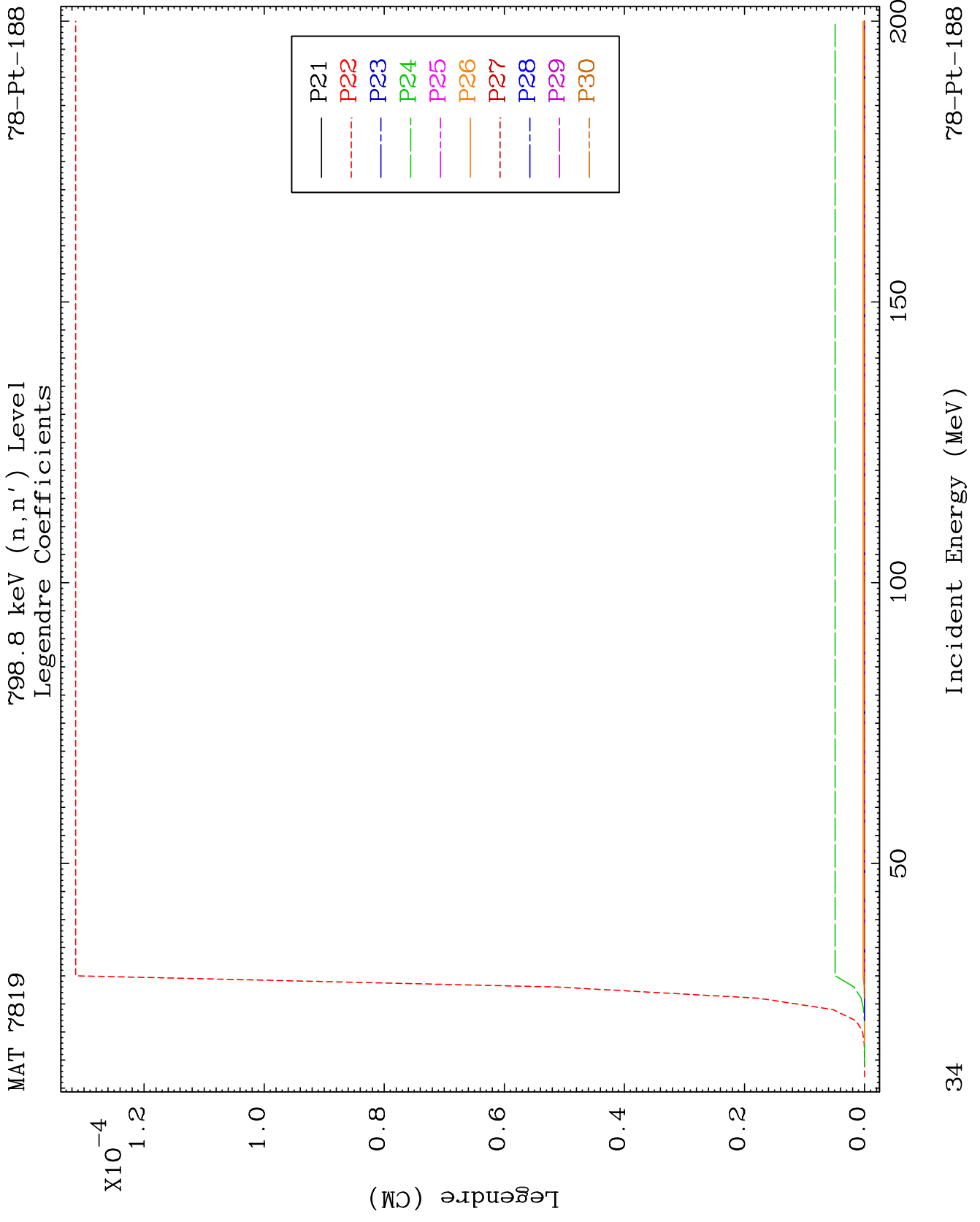
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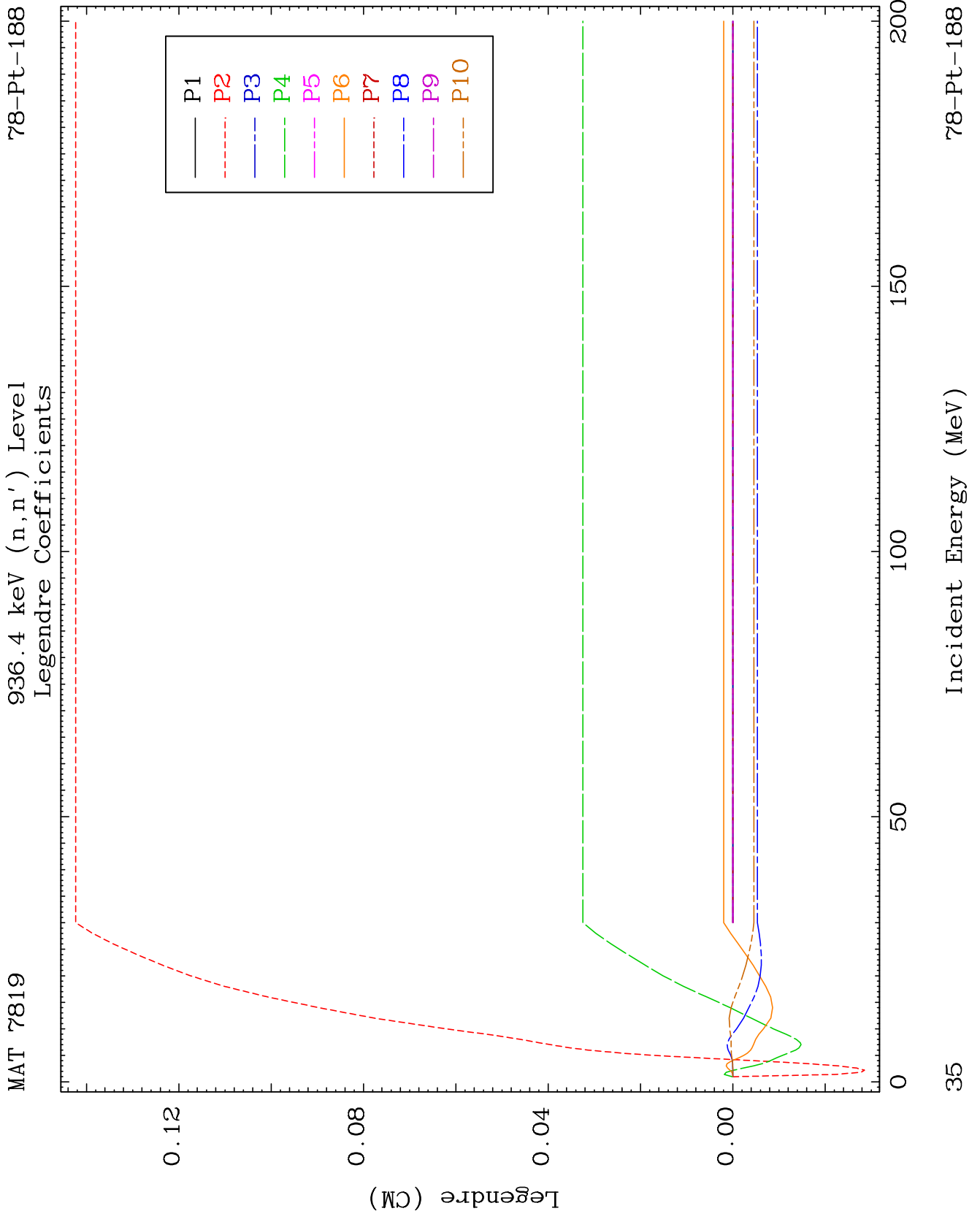
Incident Energy (MeV)

78-Pt-188





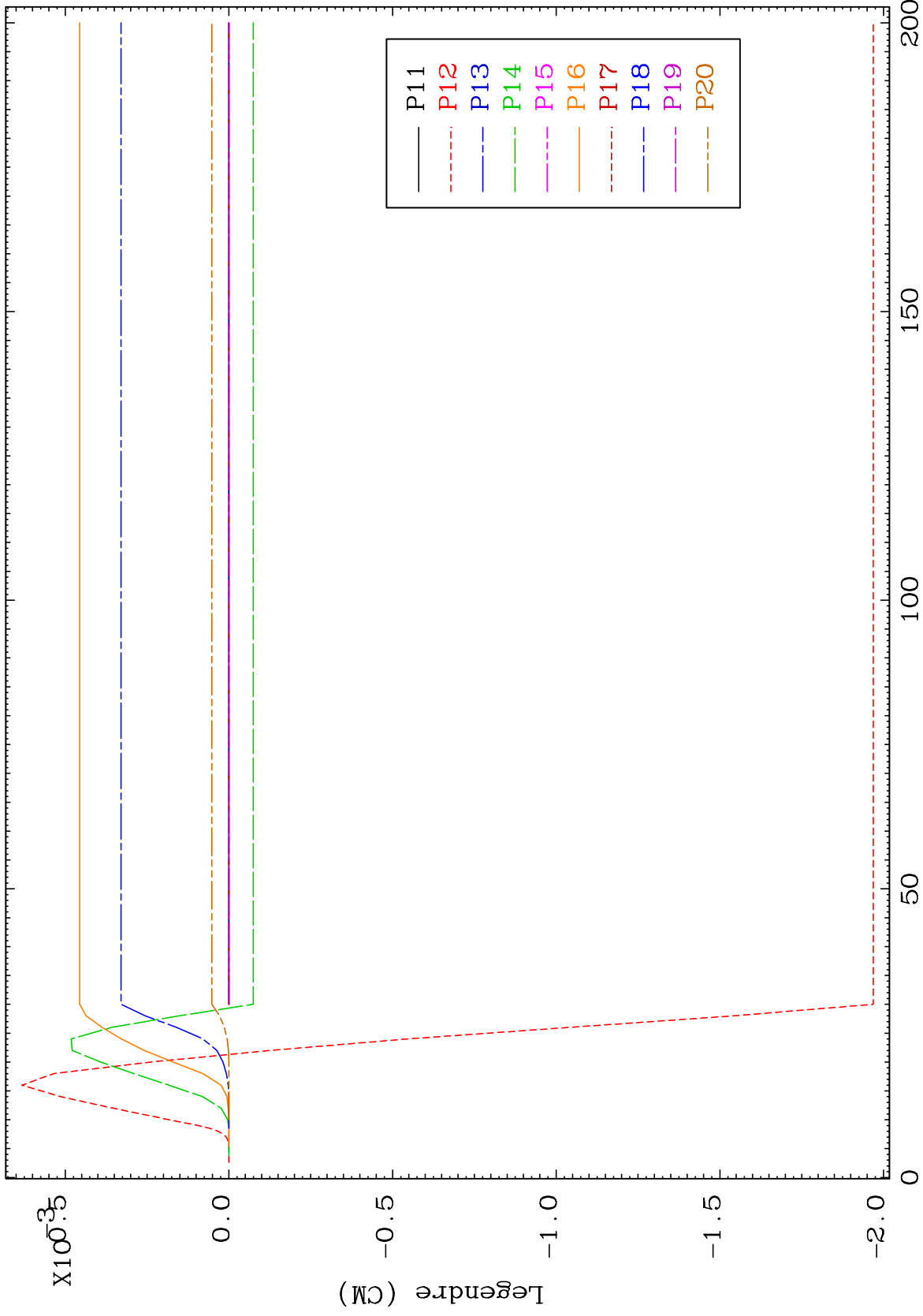




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936.4 keV (n,n') Level
Legendre Coefficients

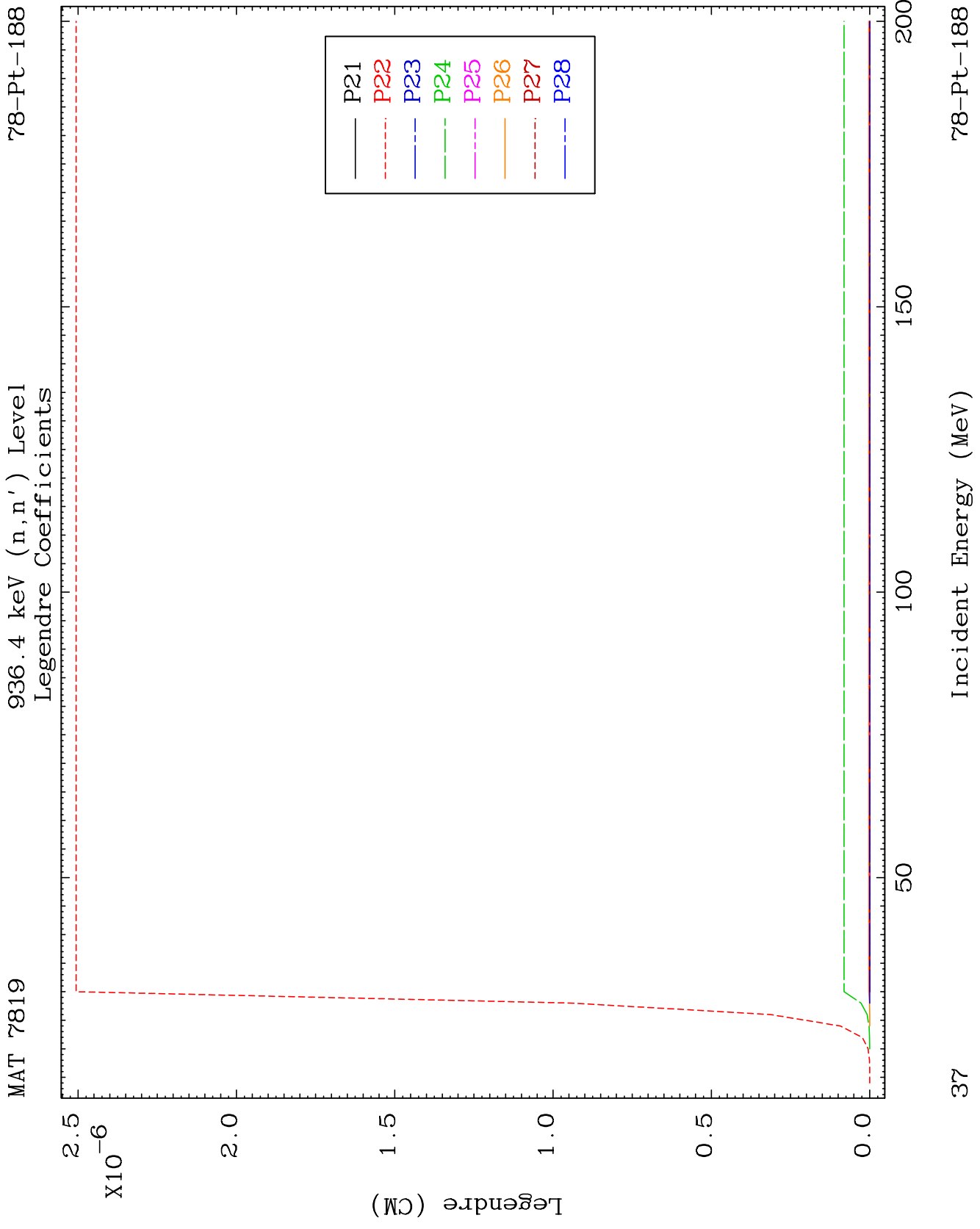
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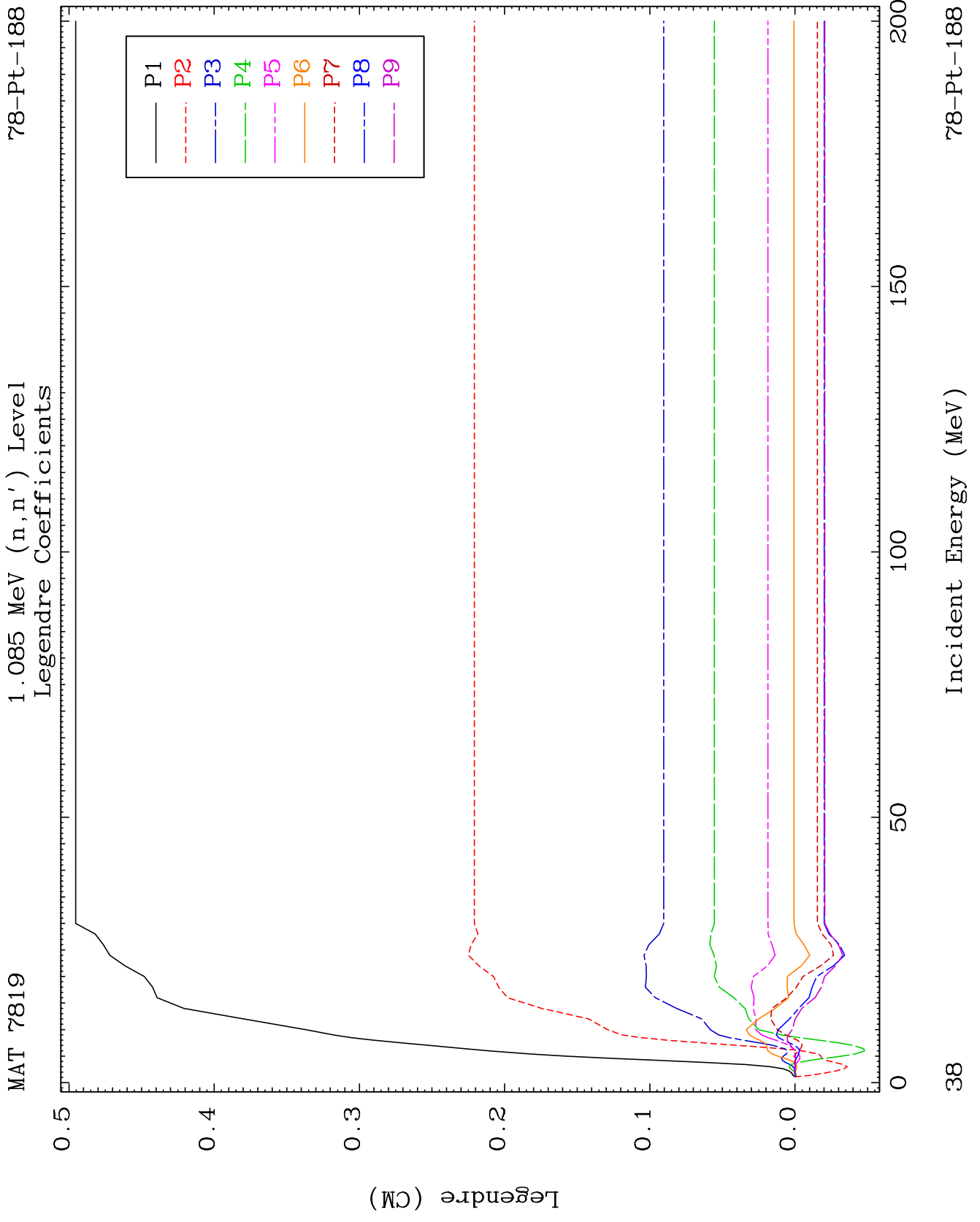


36

Incident Energy (MeV)

78-Pt-188

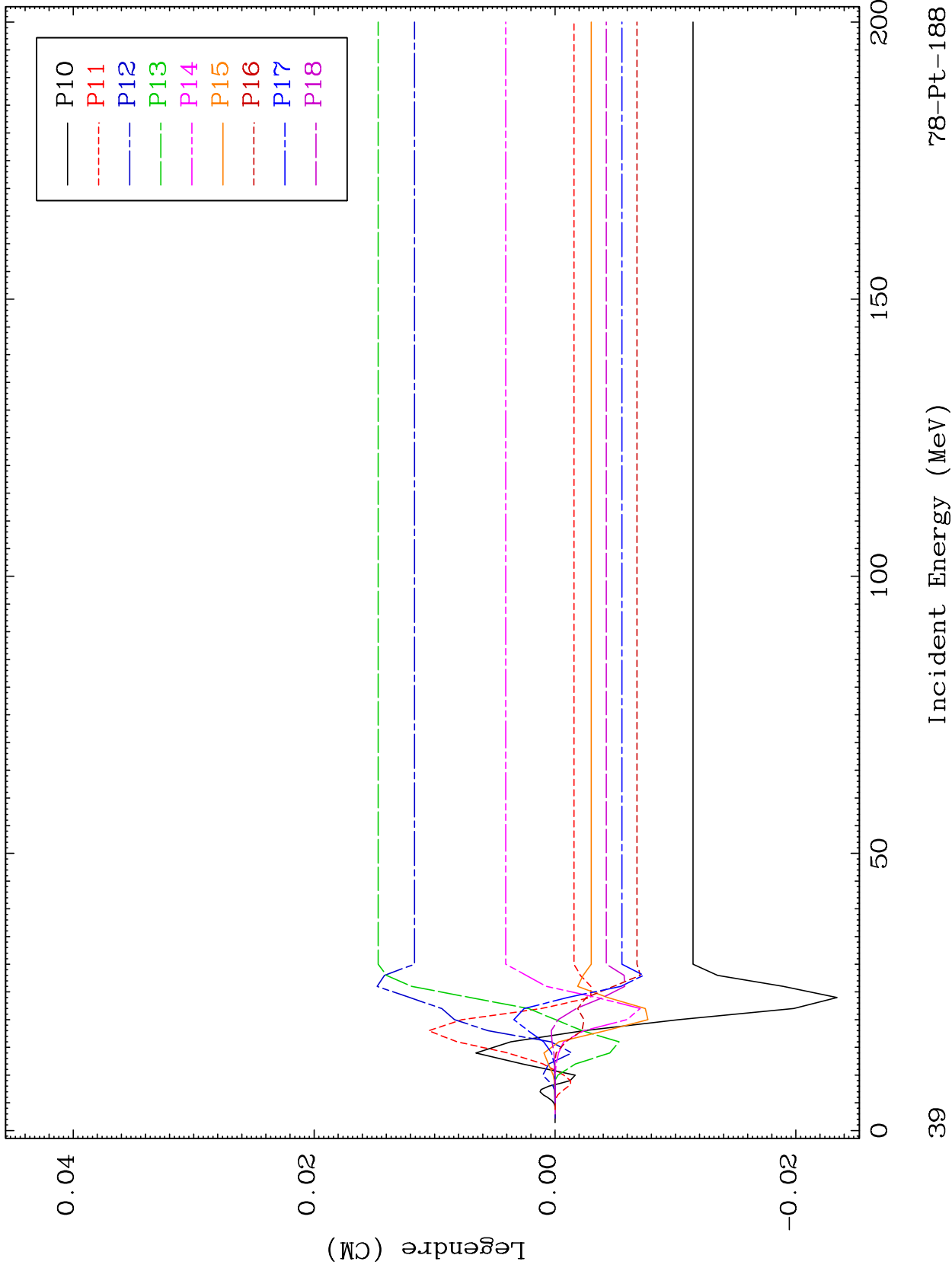




MAT 7819

1.085 MeV (n,n') Level
Legendre Coefficients

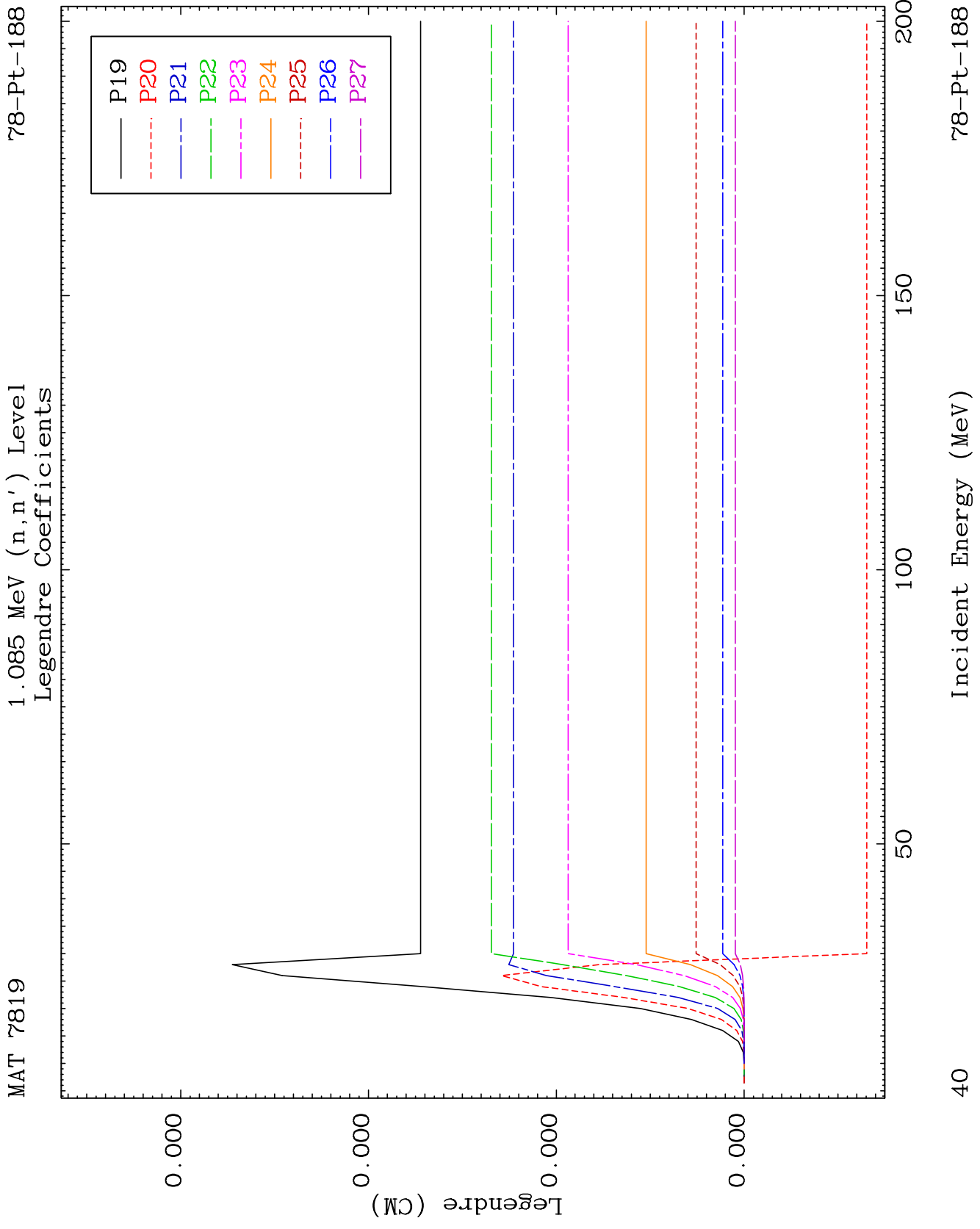
78-Pt-188



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Incident Energy (MeV)

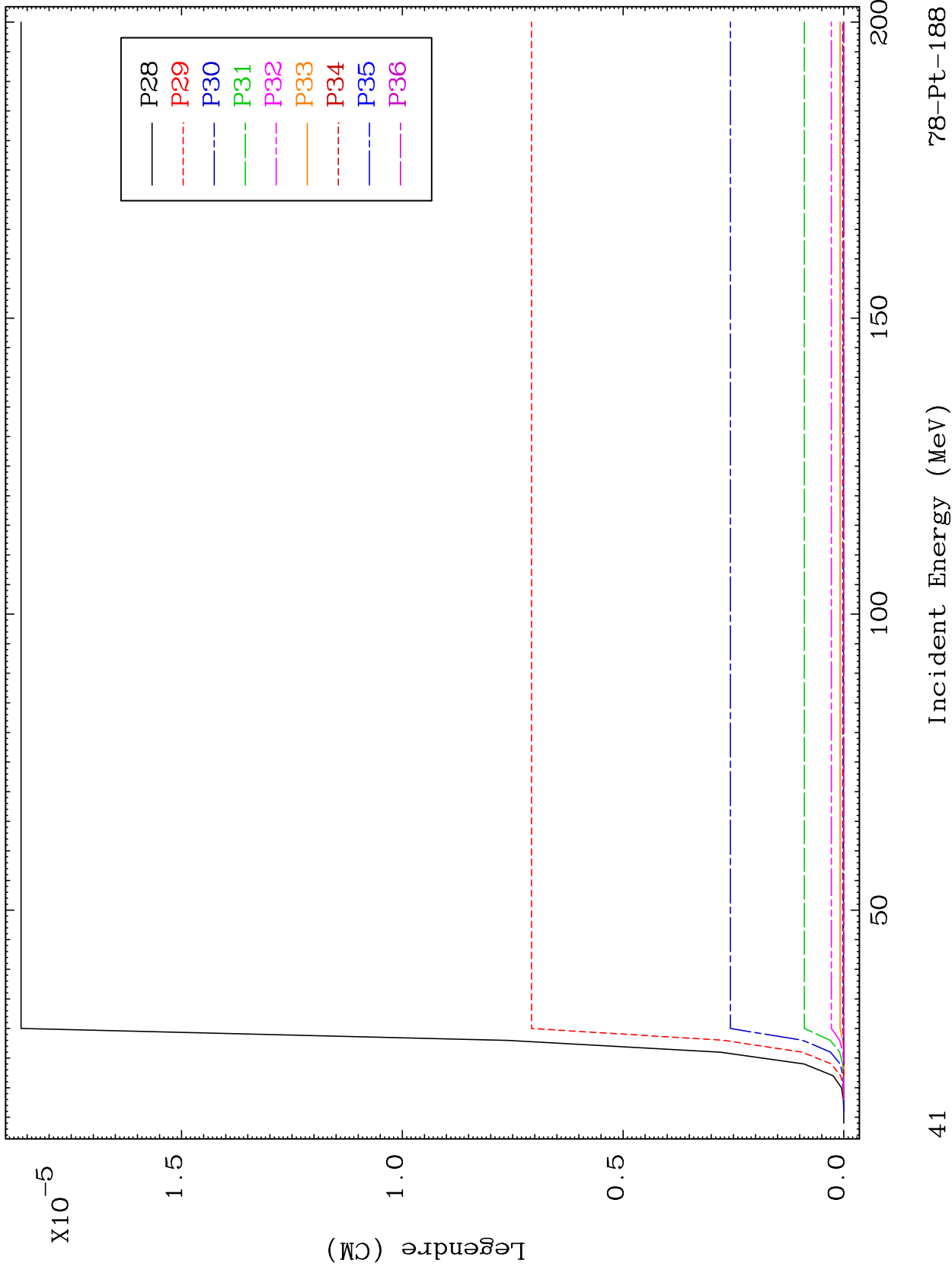
78-Pt-188



MAT 7819

1.085 MeV (n,n') Level
Legendre Coefficients

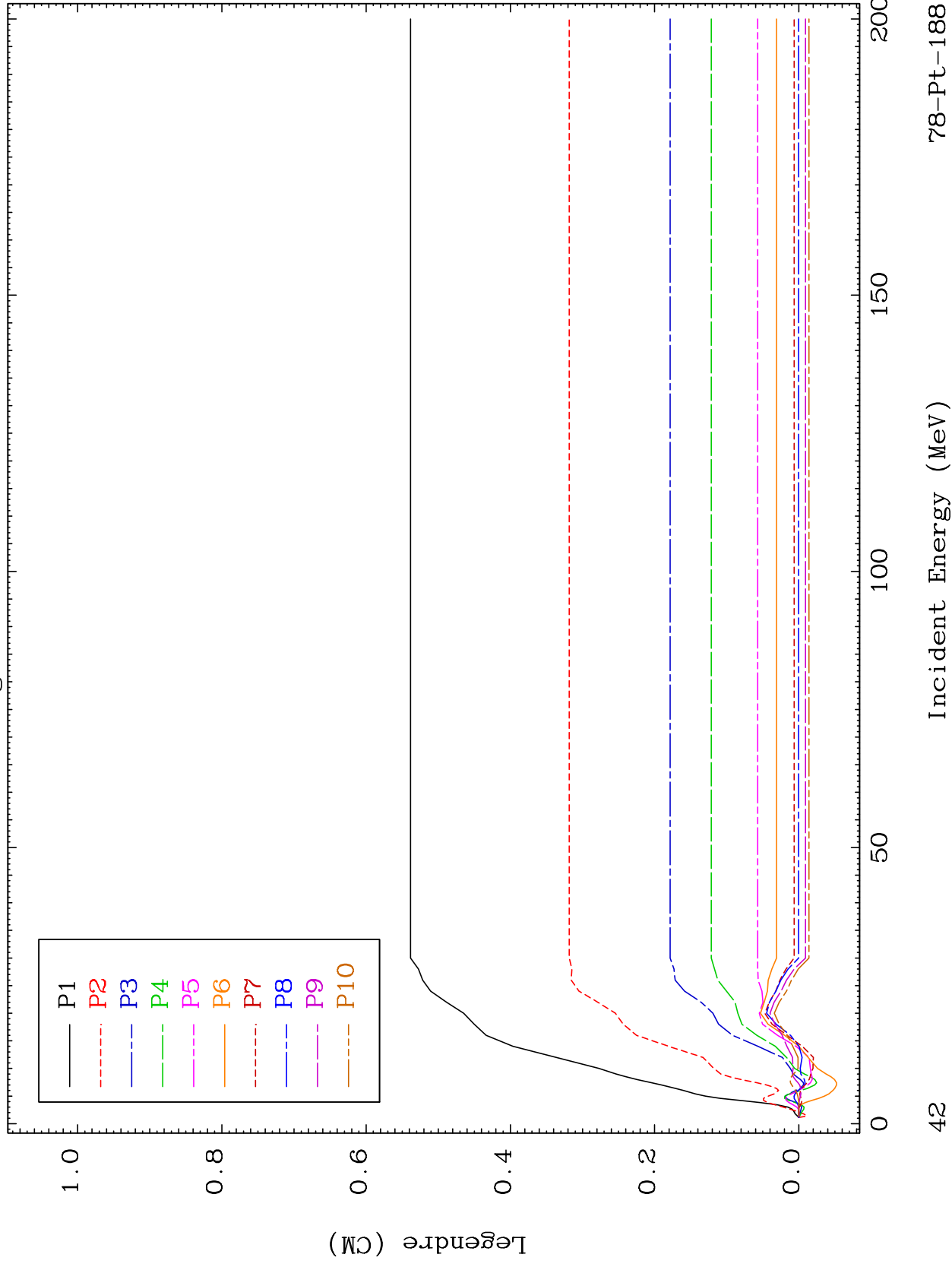
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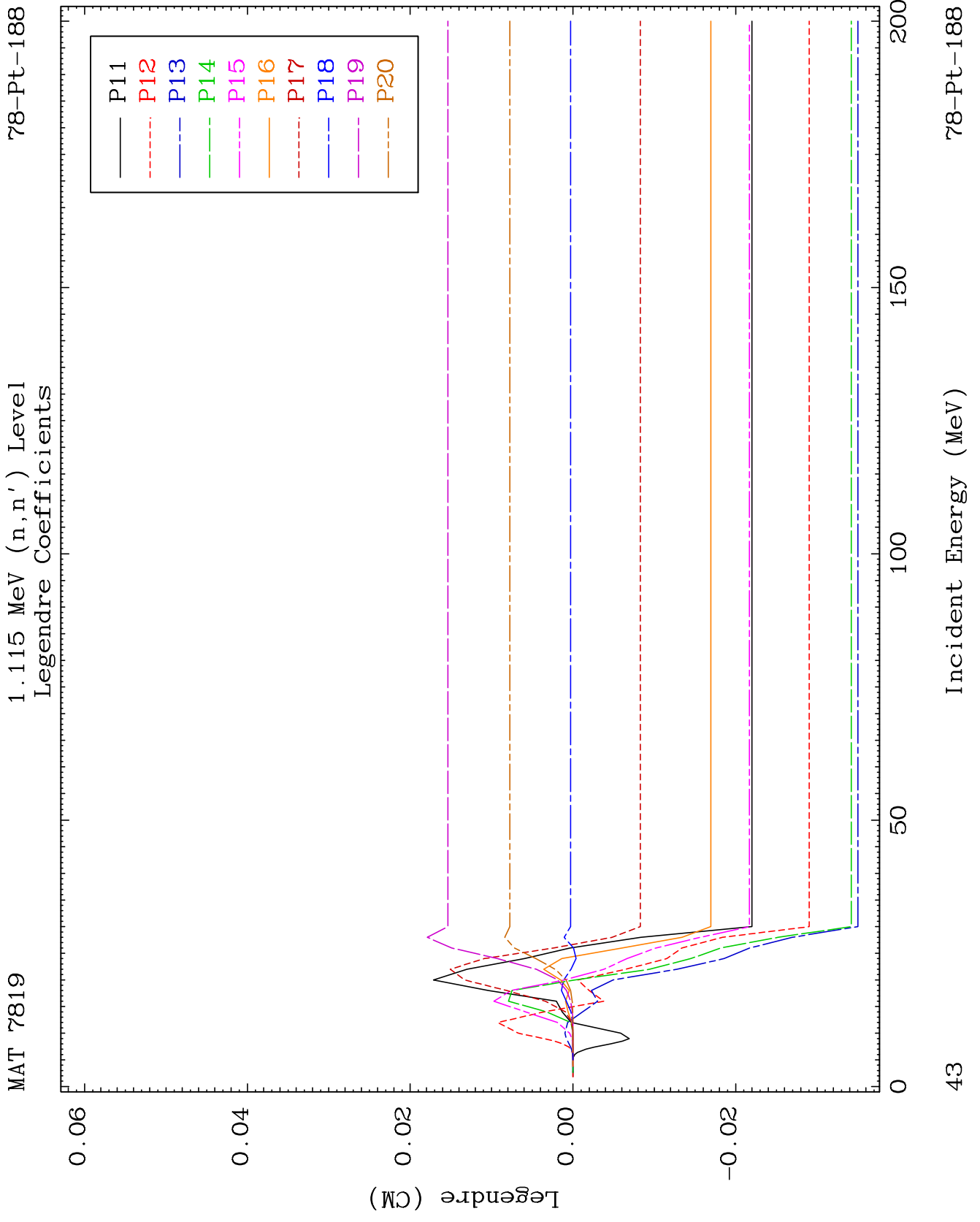


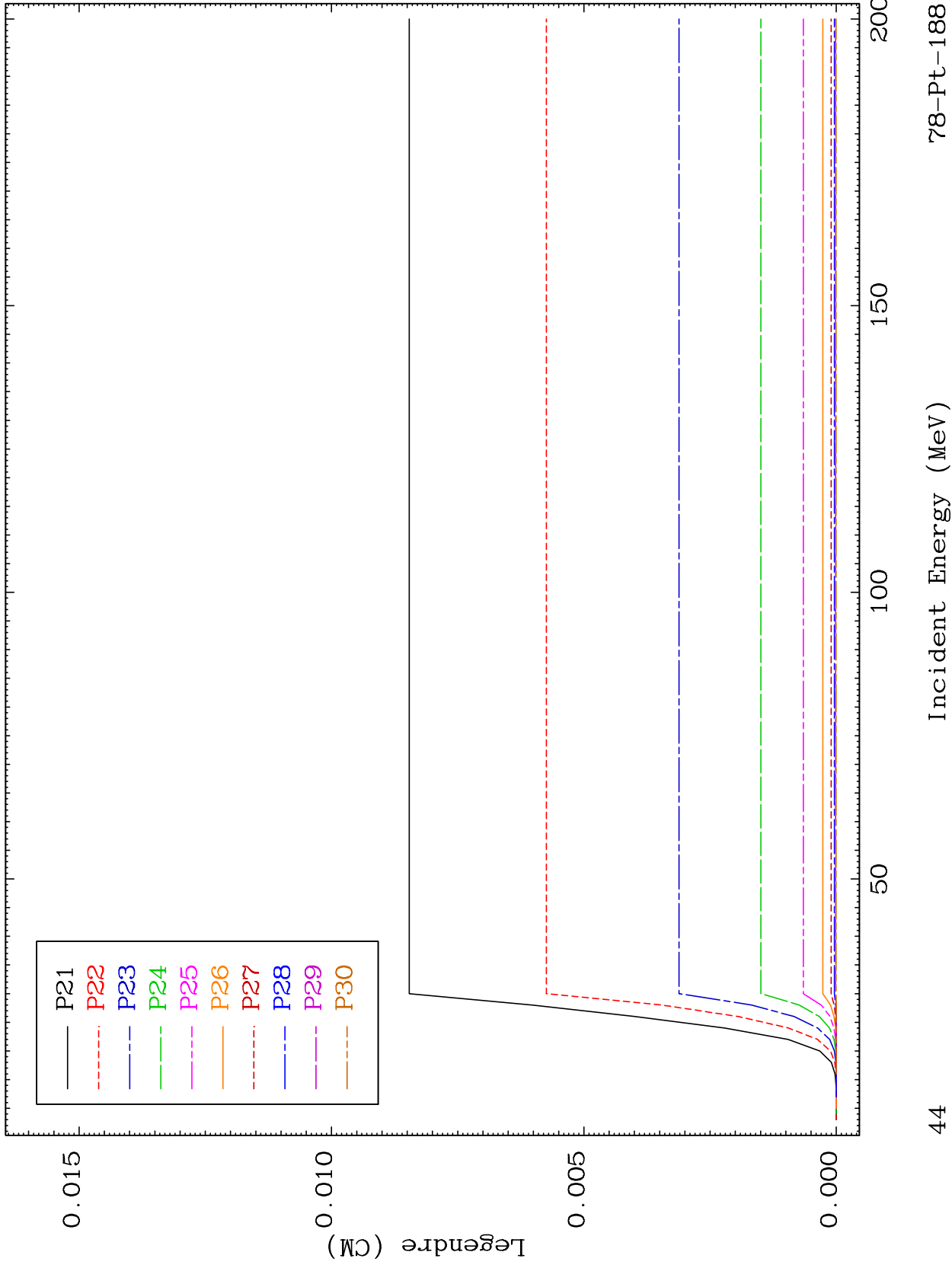
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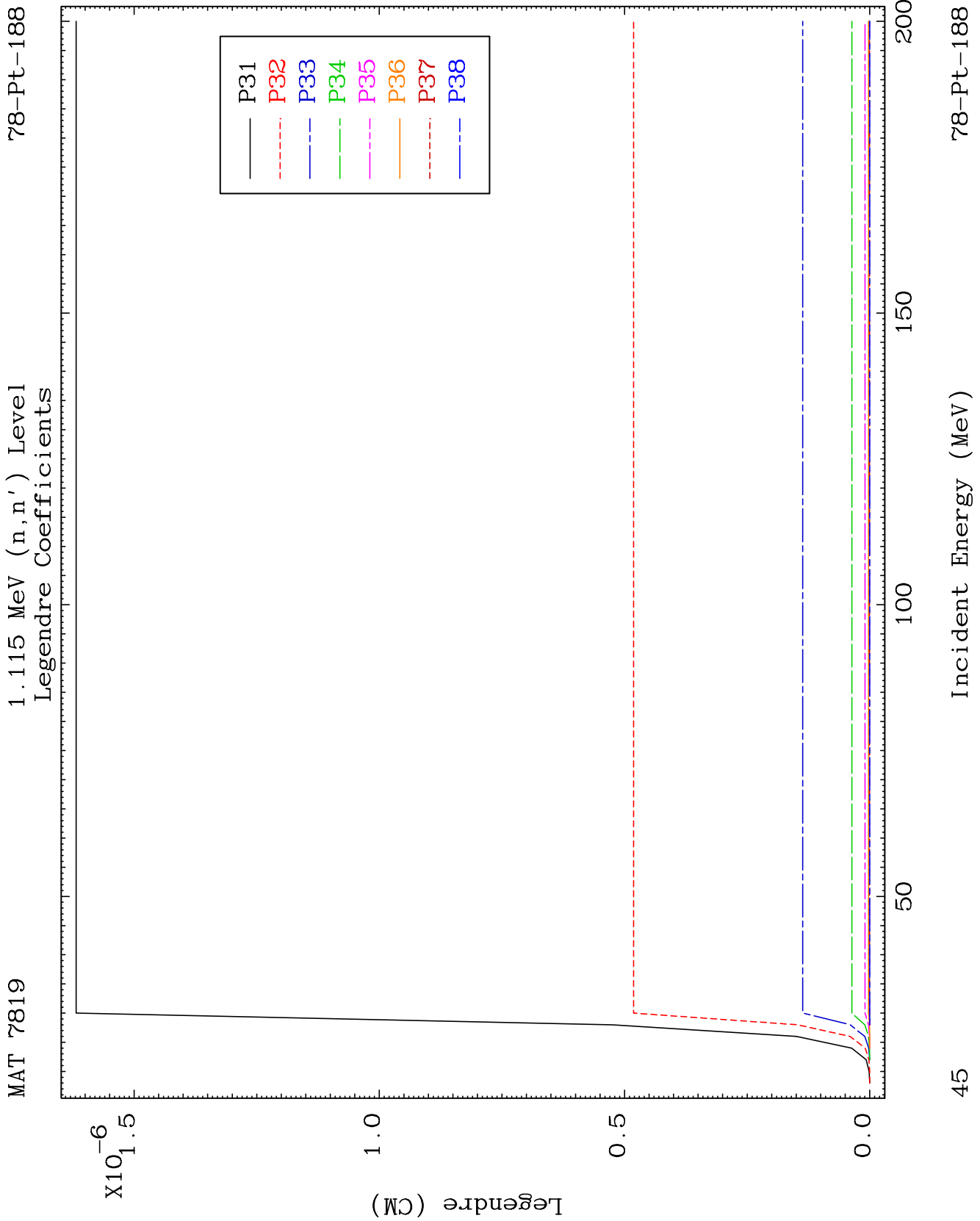
Incident Energy (MeV)

78-Pt-188





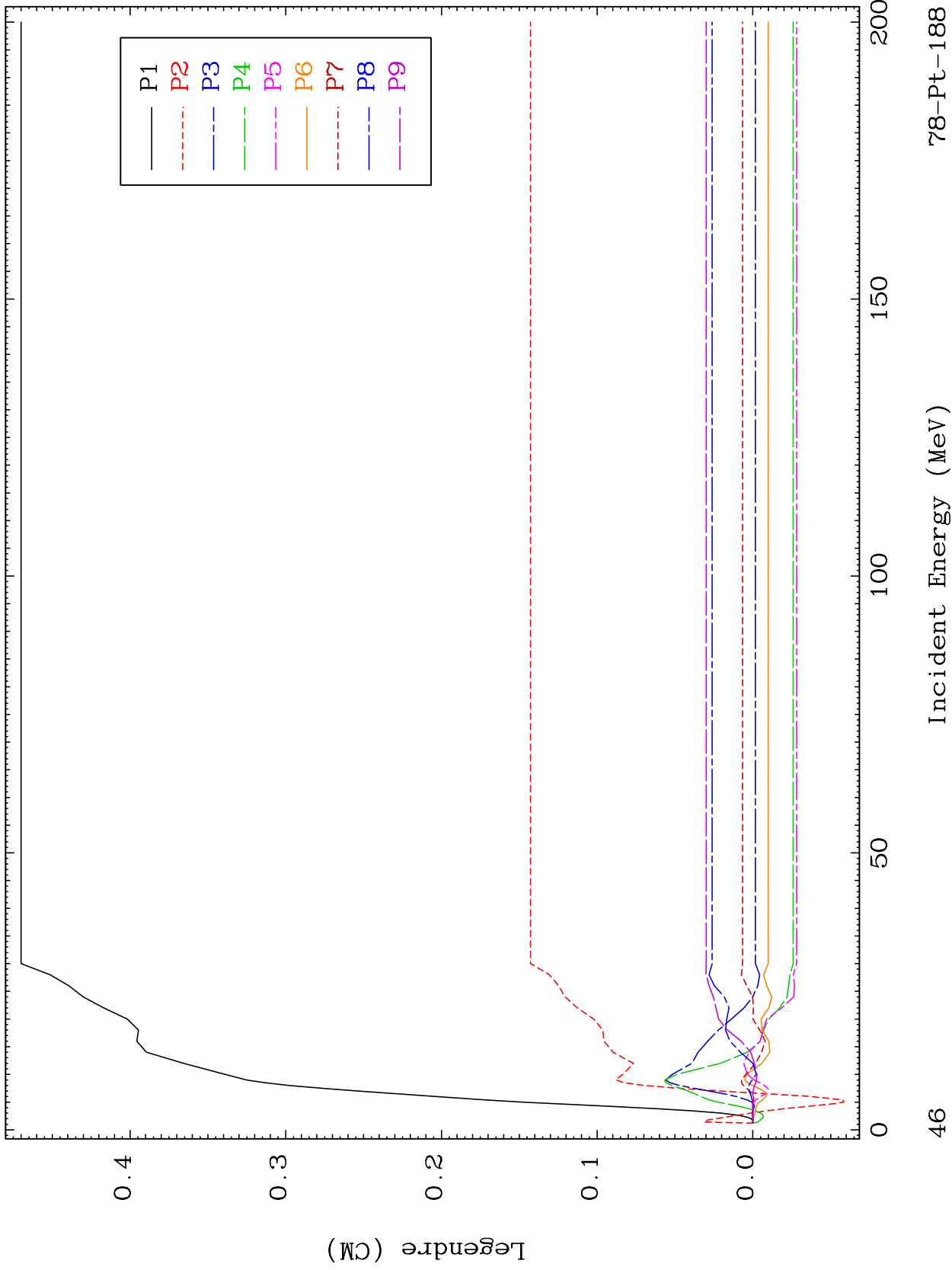




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1.185 MeV (n,n') Level
Legendre Coefficients

78-Pt-188



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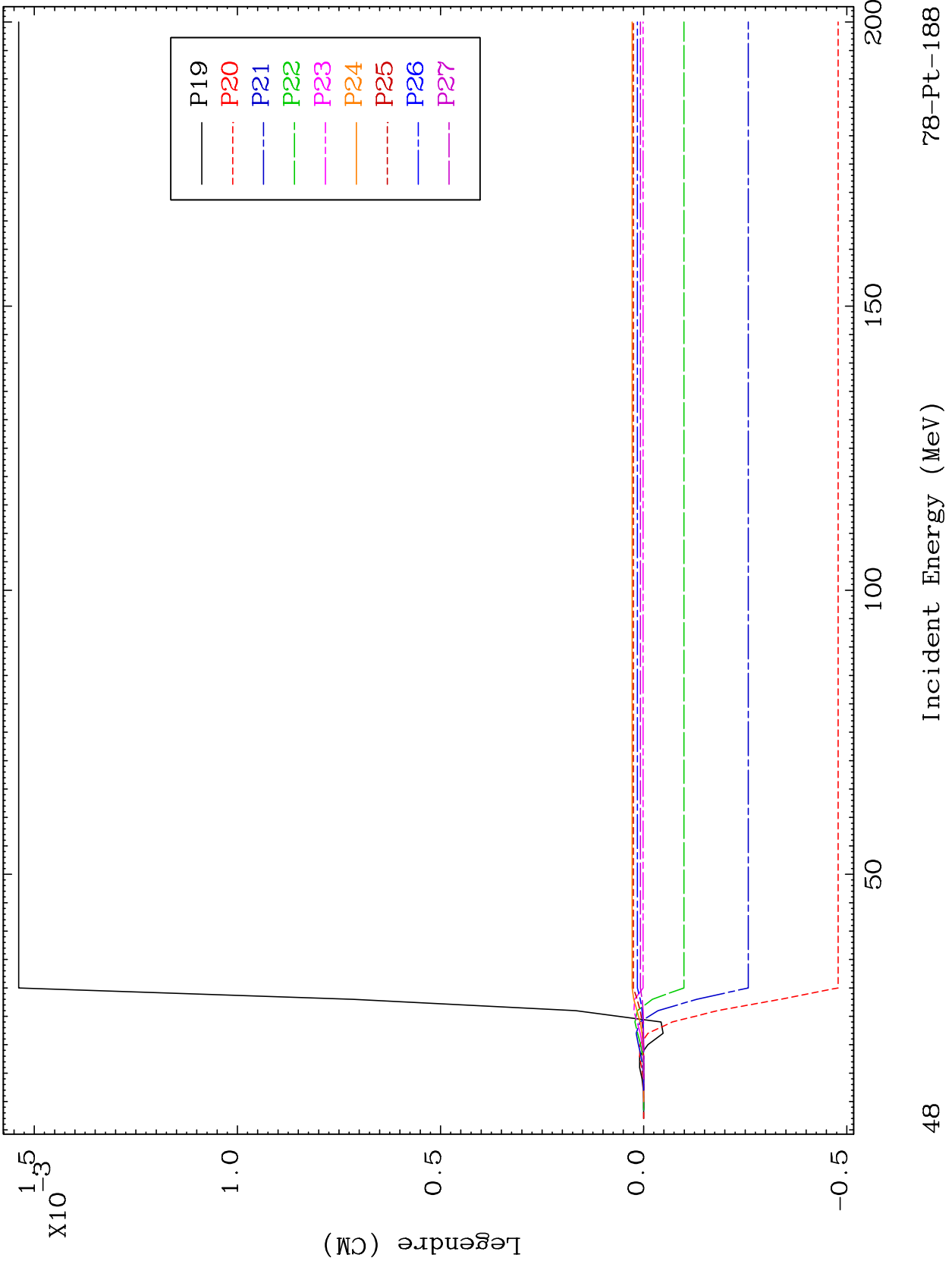
Incident Energy (MeV)

46

MAT 7819

1.185 MeV (n,n') Level
Legendre Coefficients

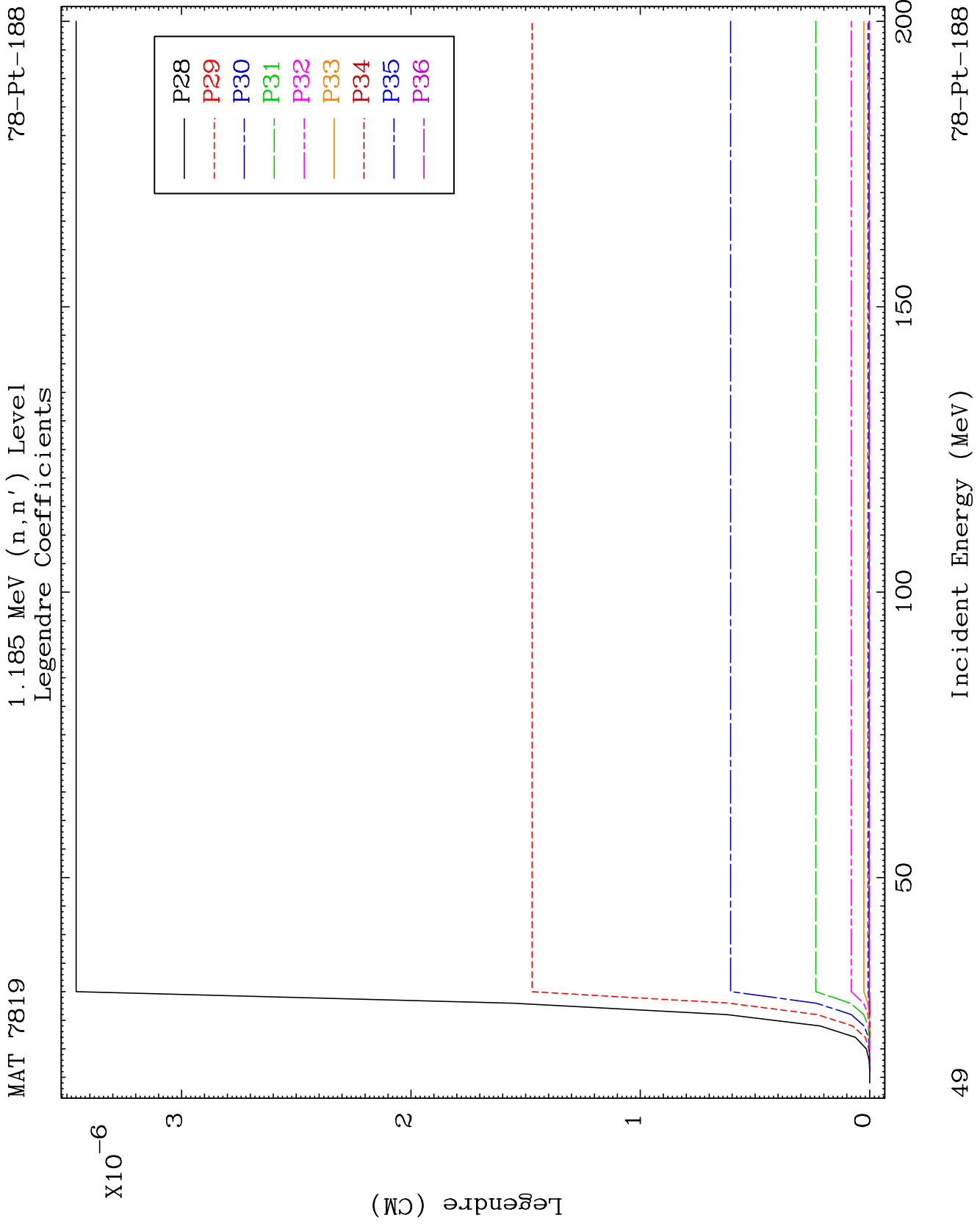
78-Pt-188



48

Incident Energy (MeV)

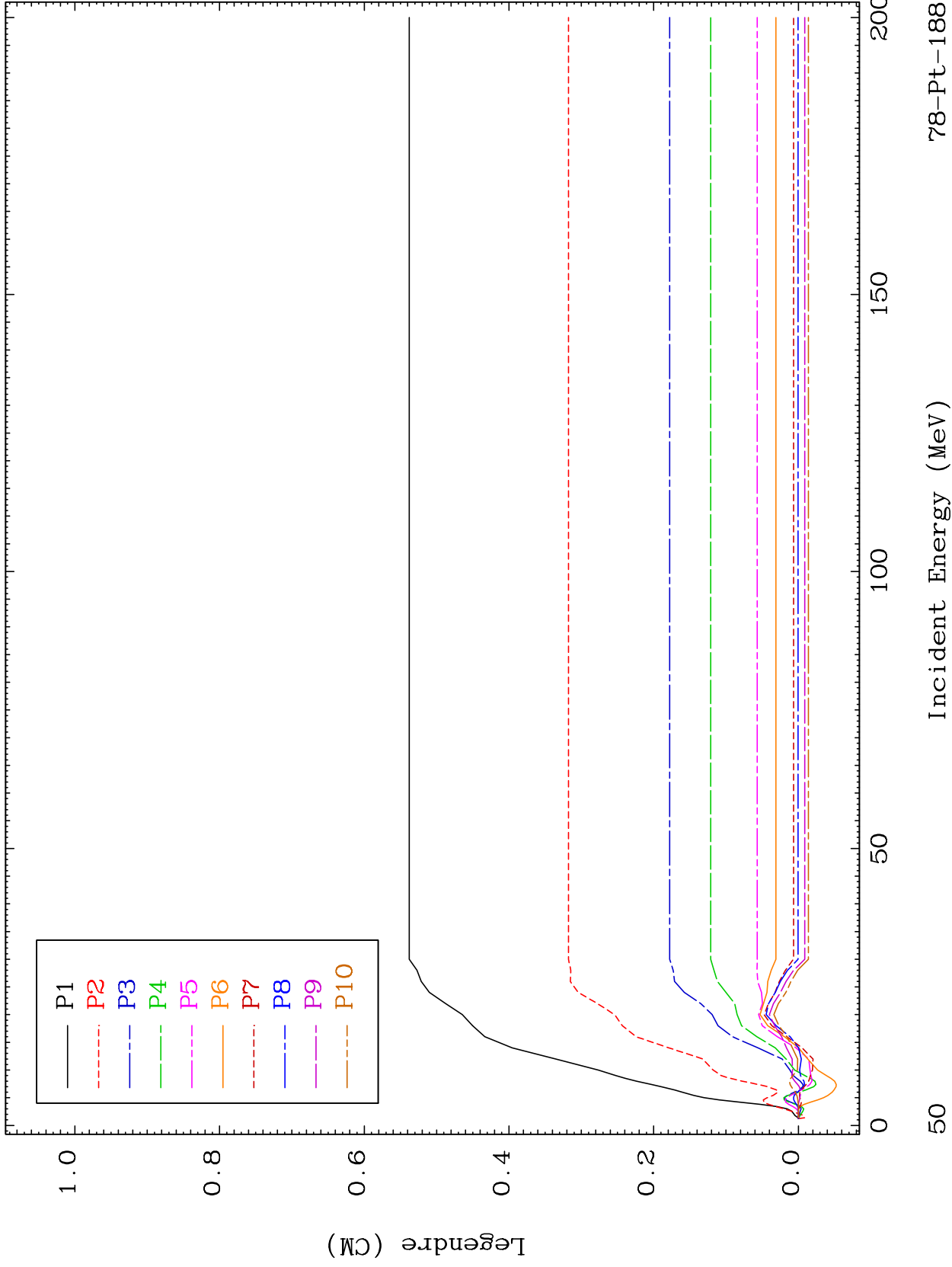
78-Pt-188

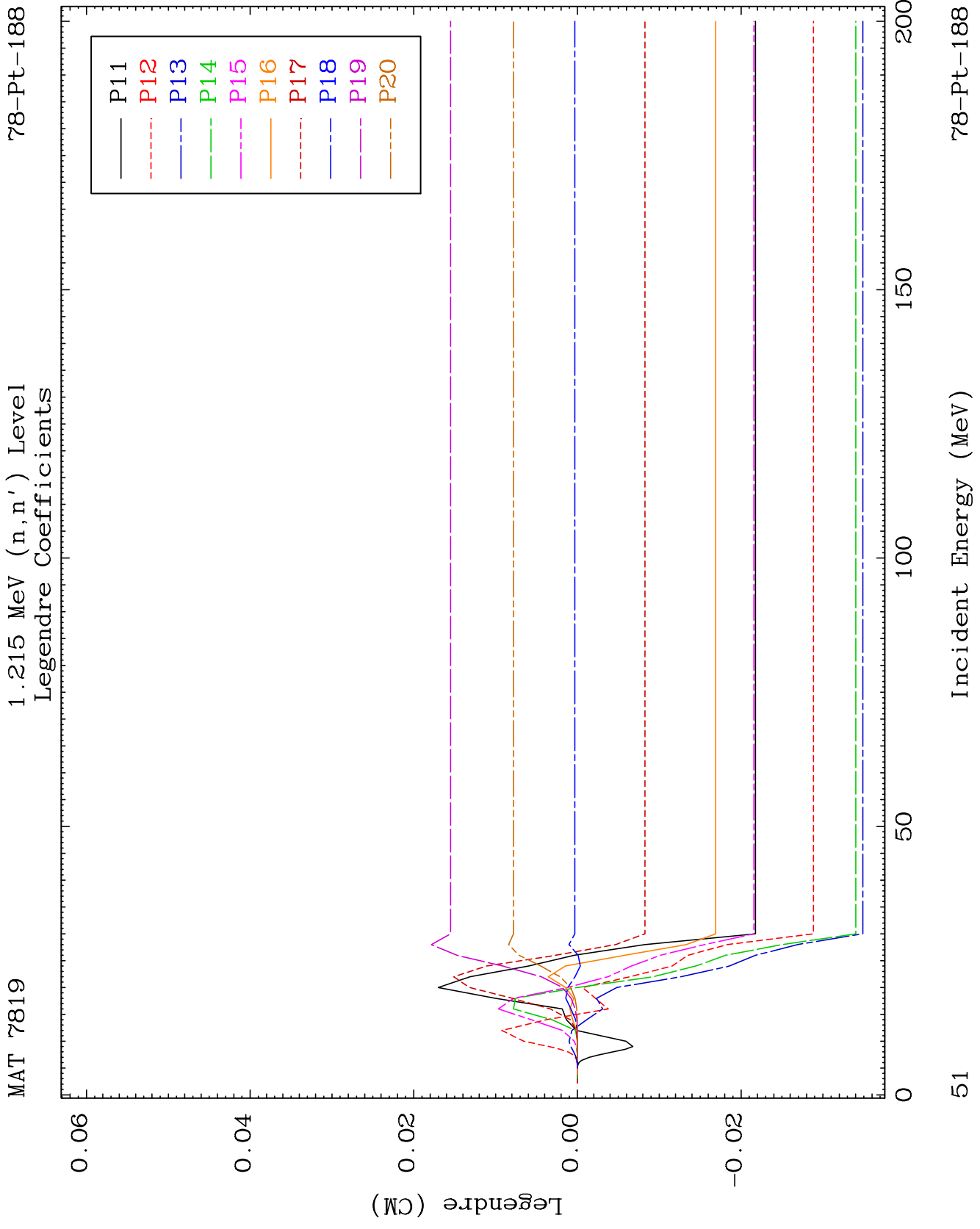


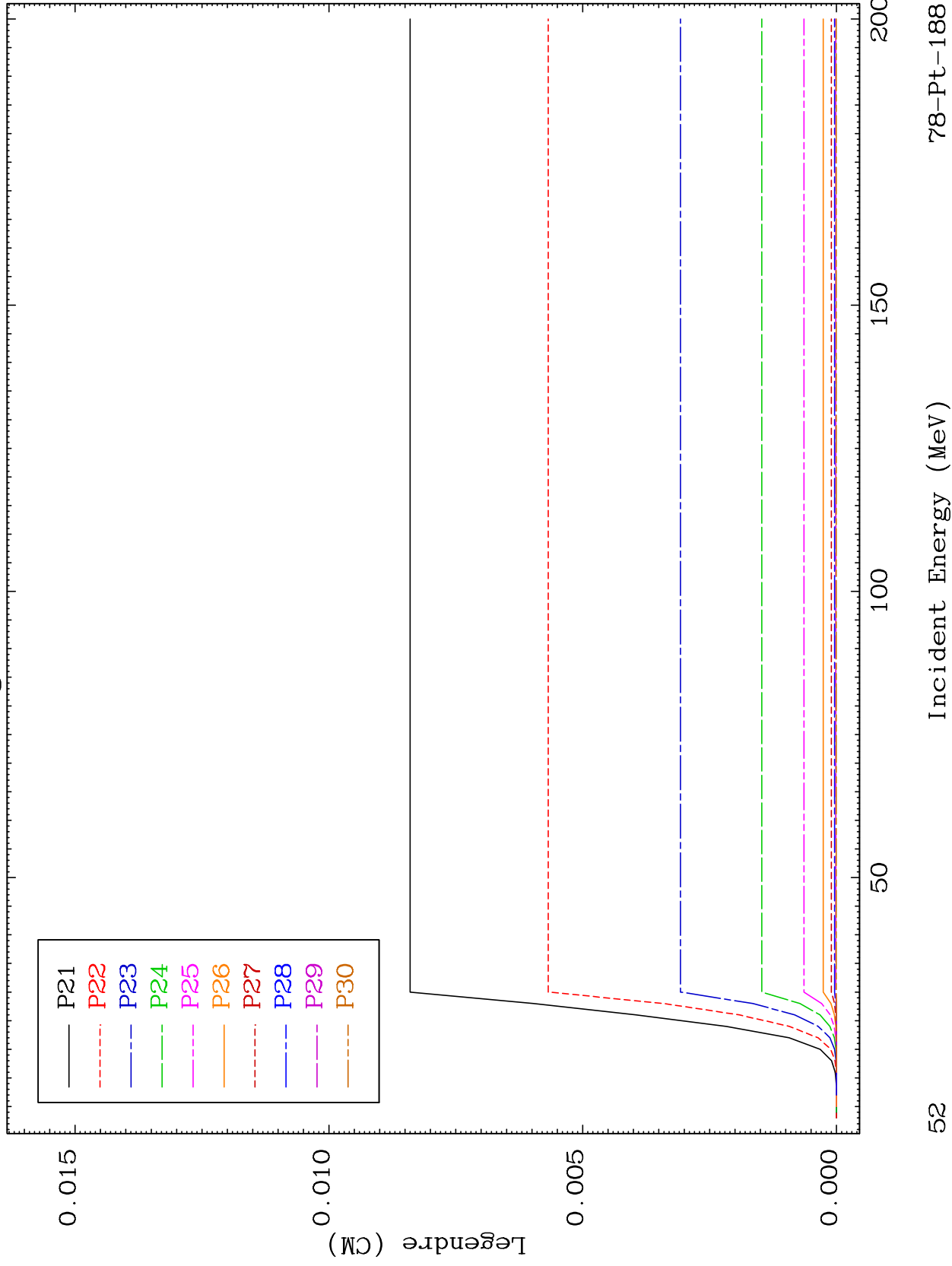
MAT 7819

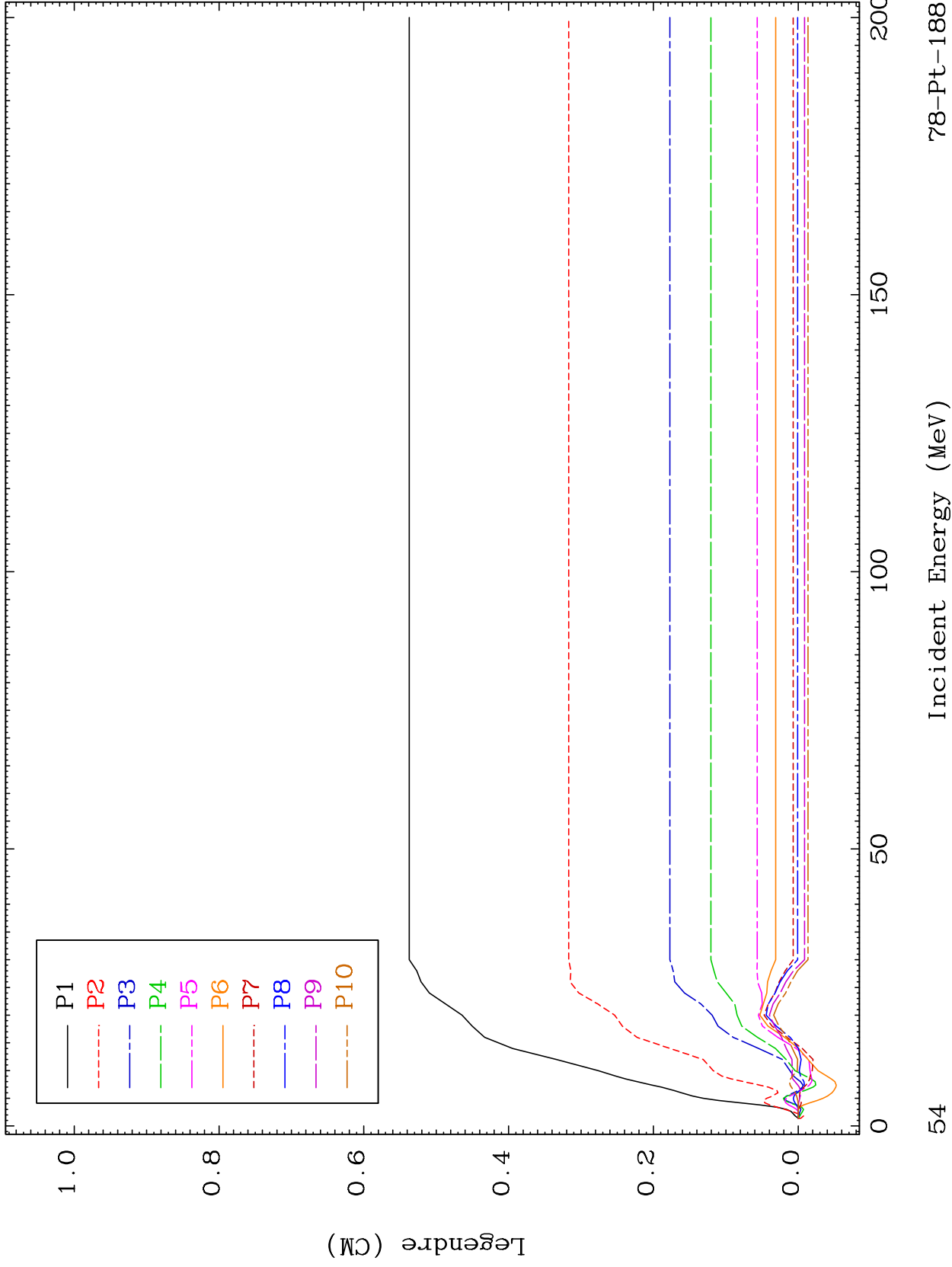
1.215 MeV (n,n') Level
Legendre Coefficients

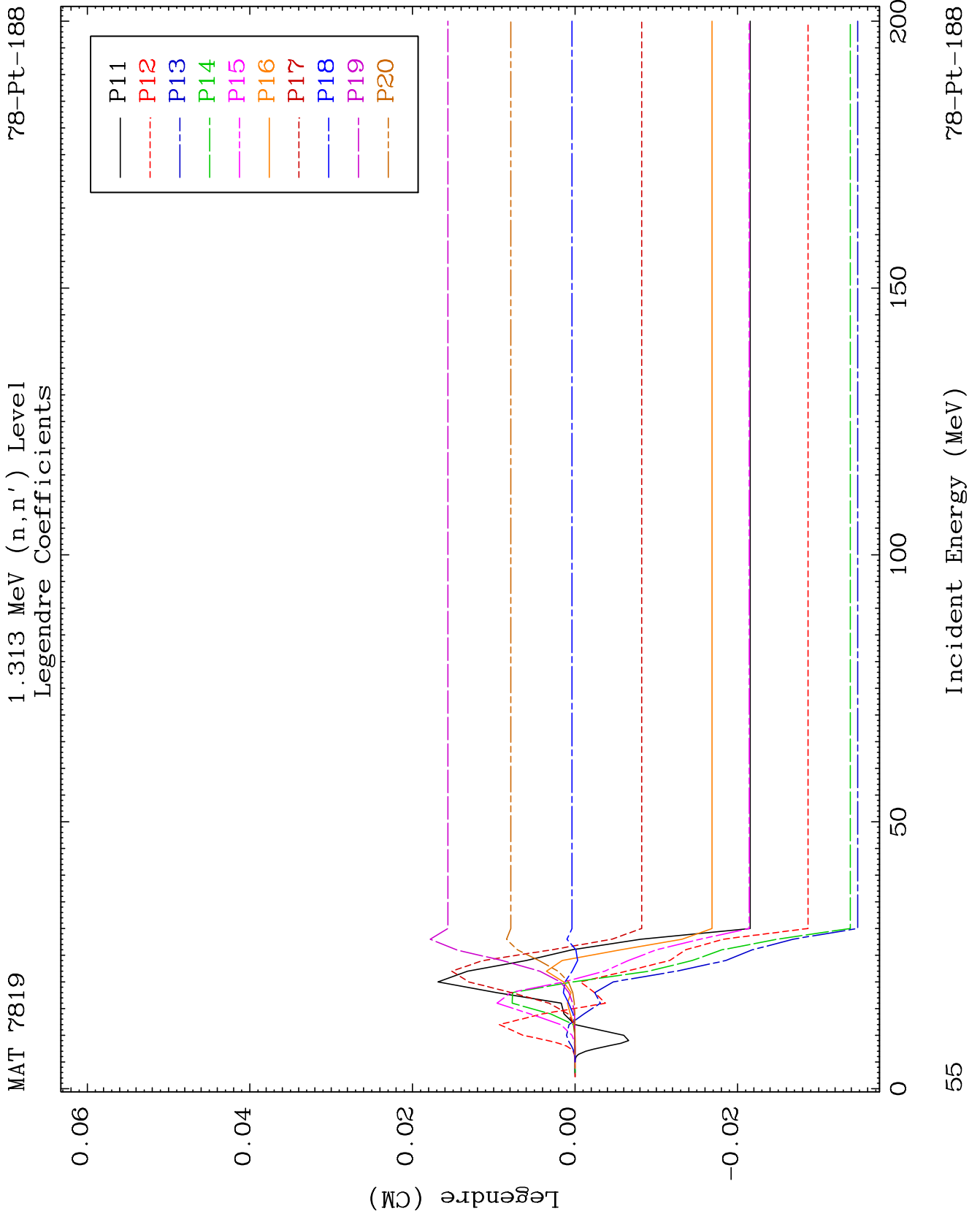
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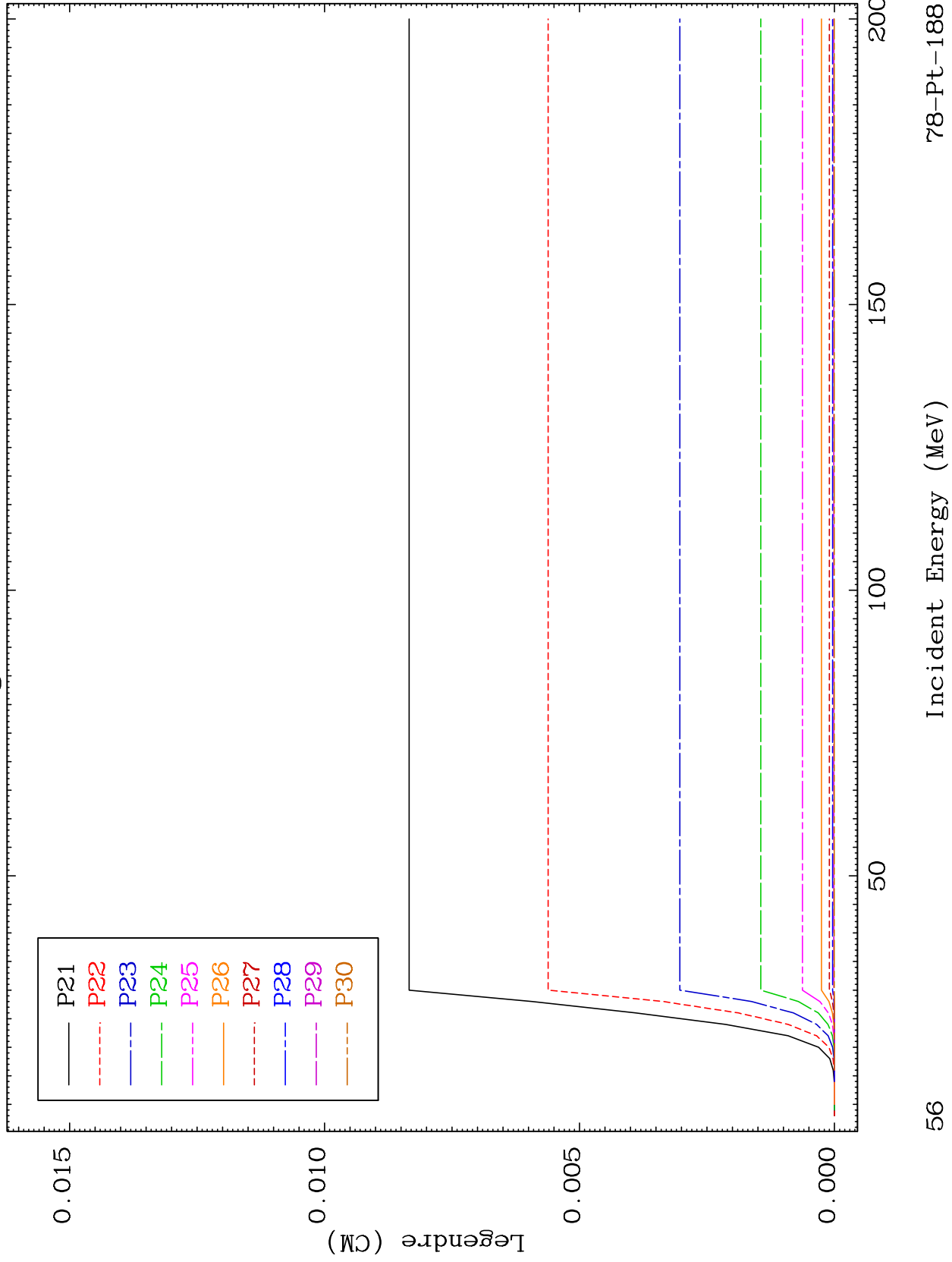


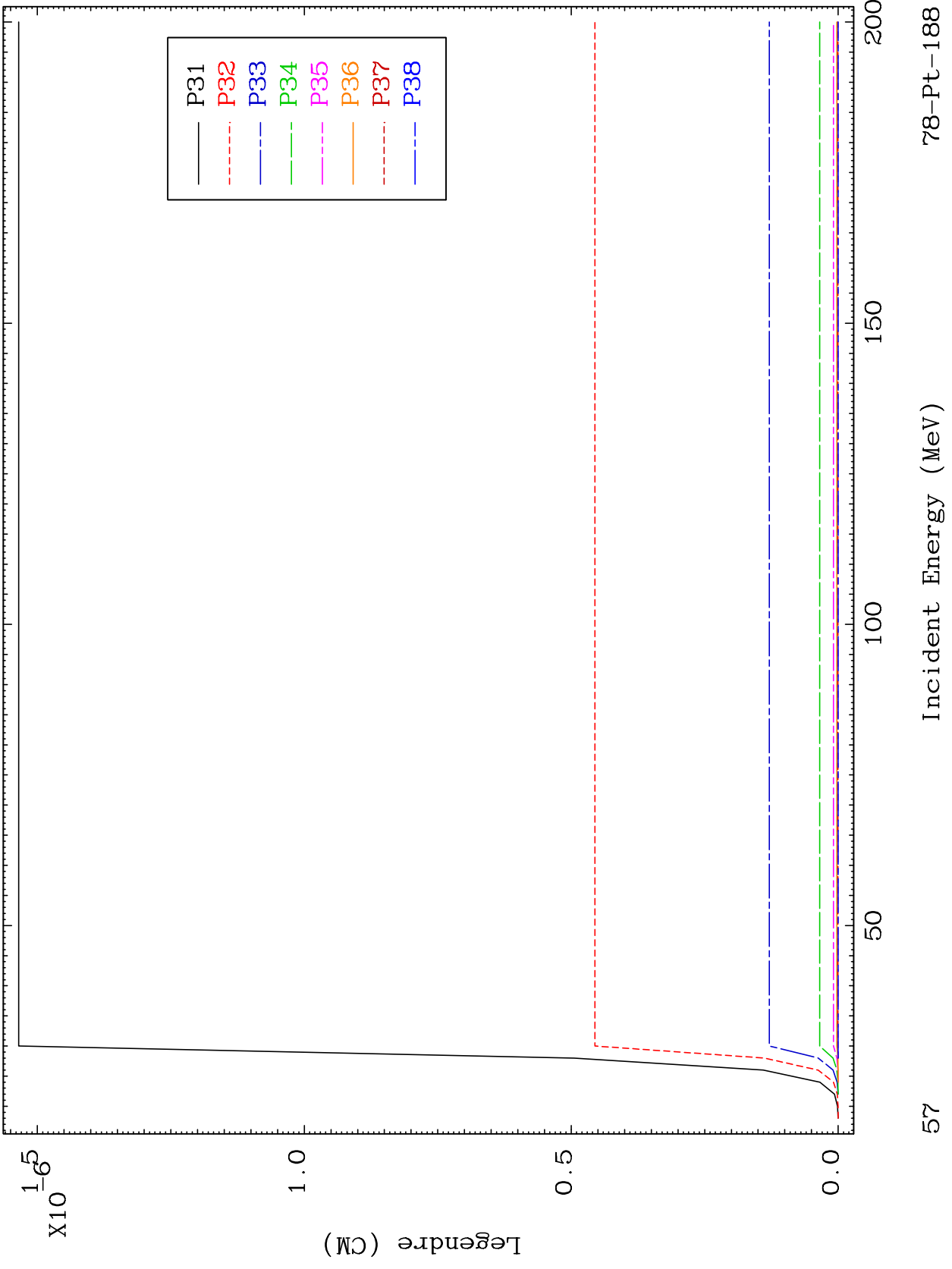


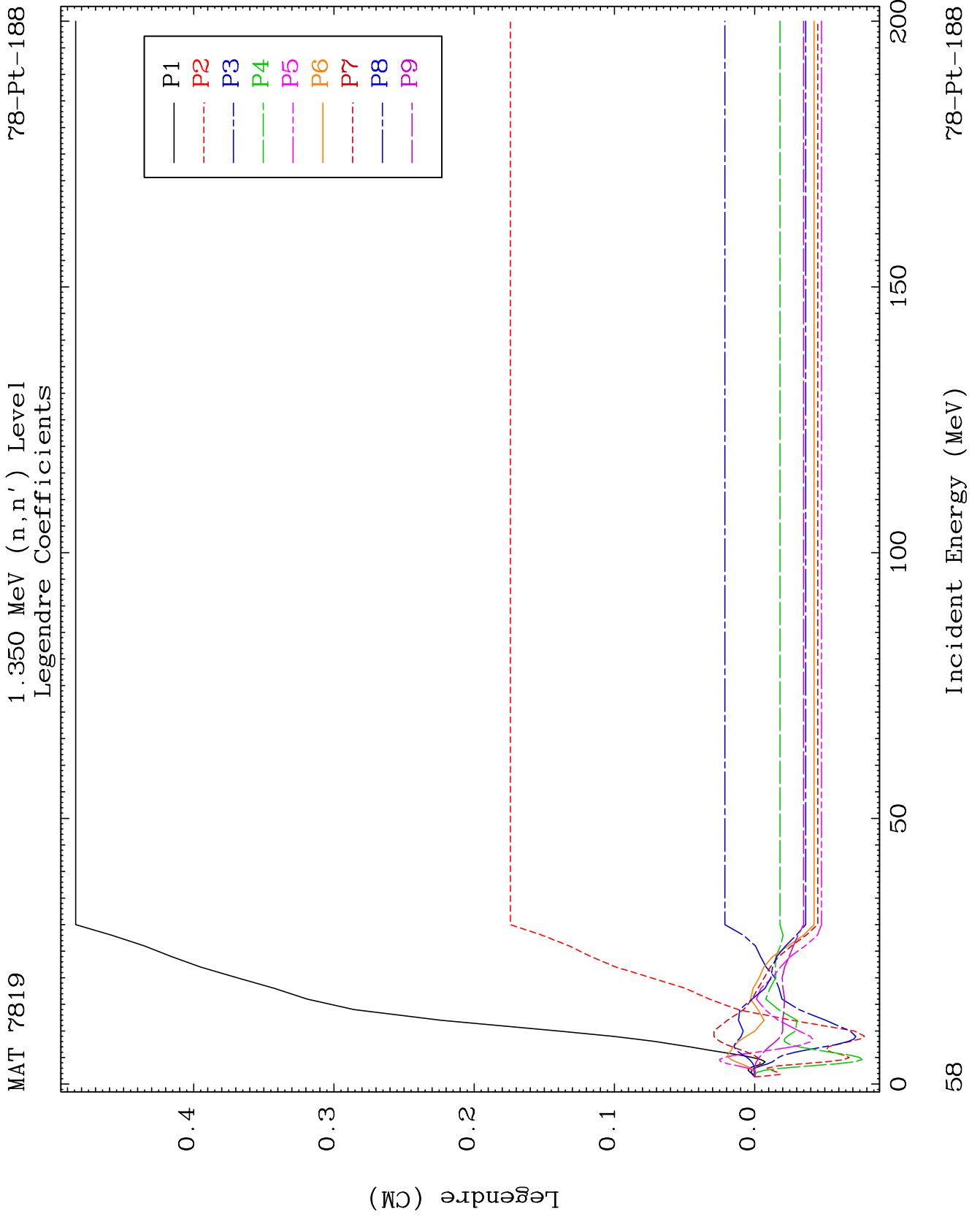


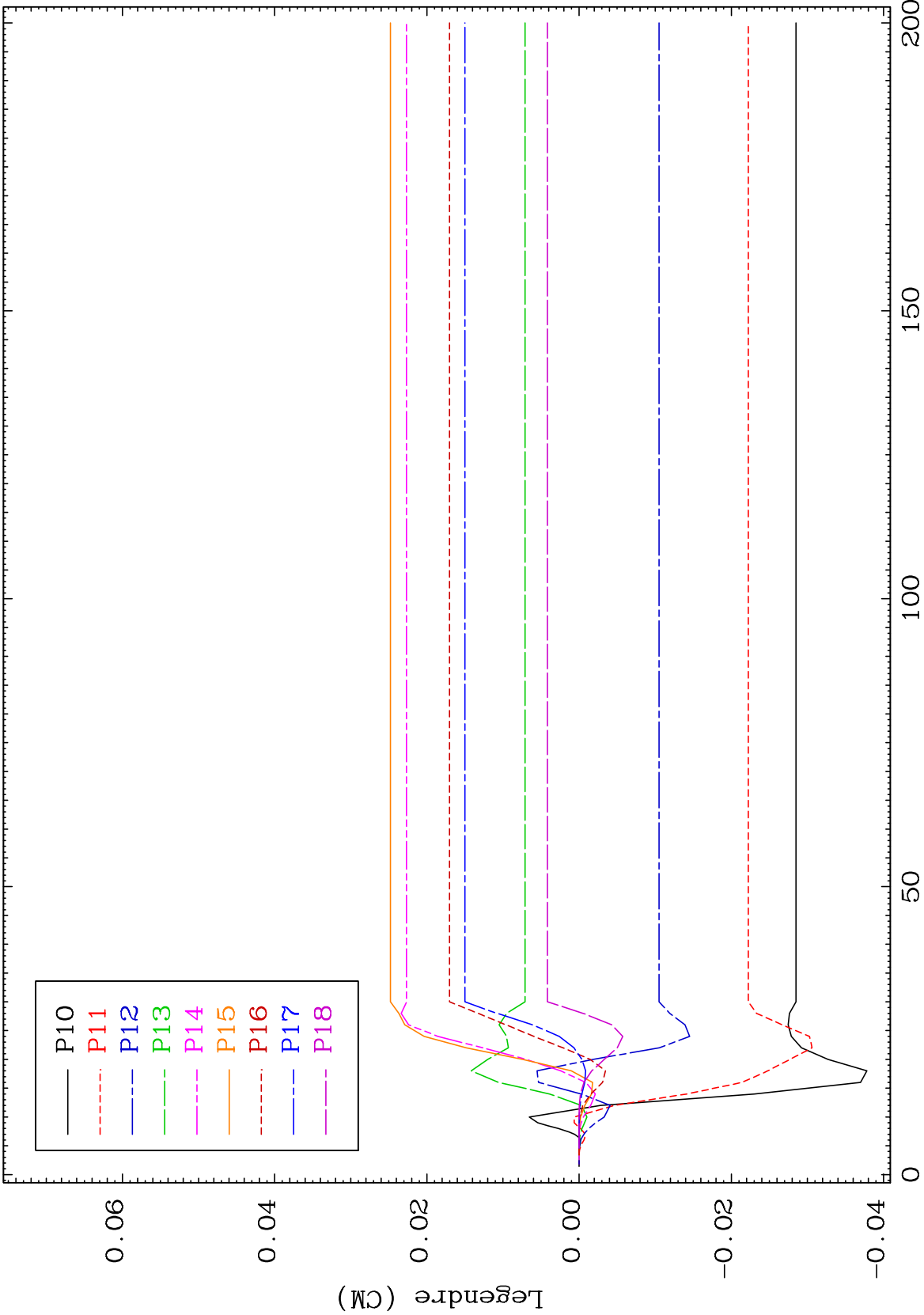








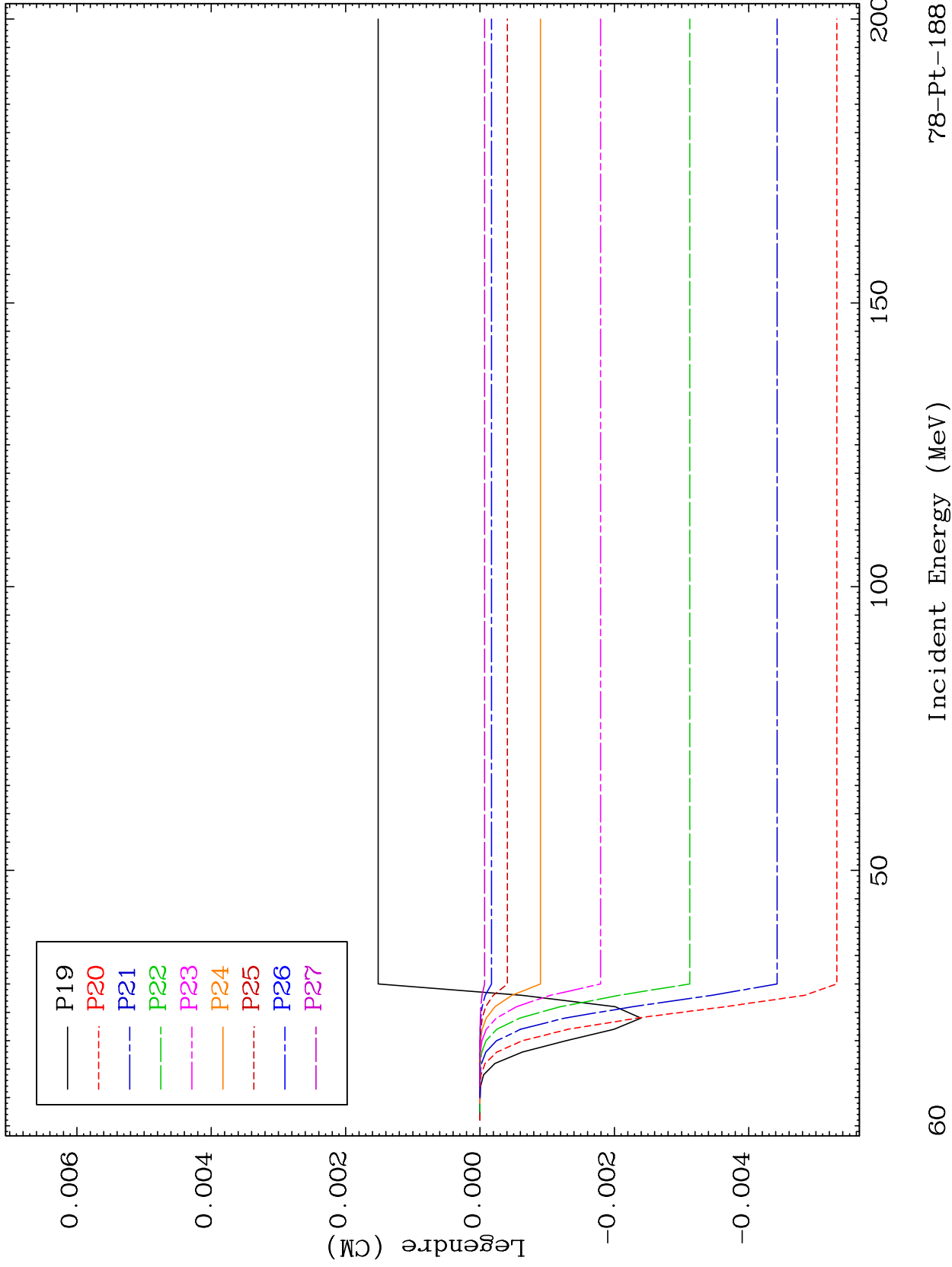




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1.350 MeV (n,n') Level
Legendre Coefficients

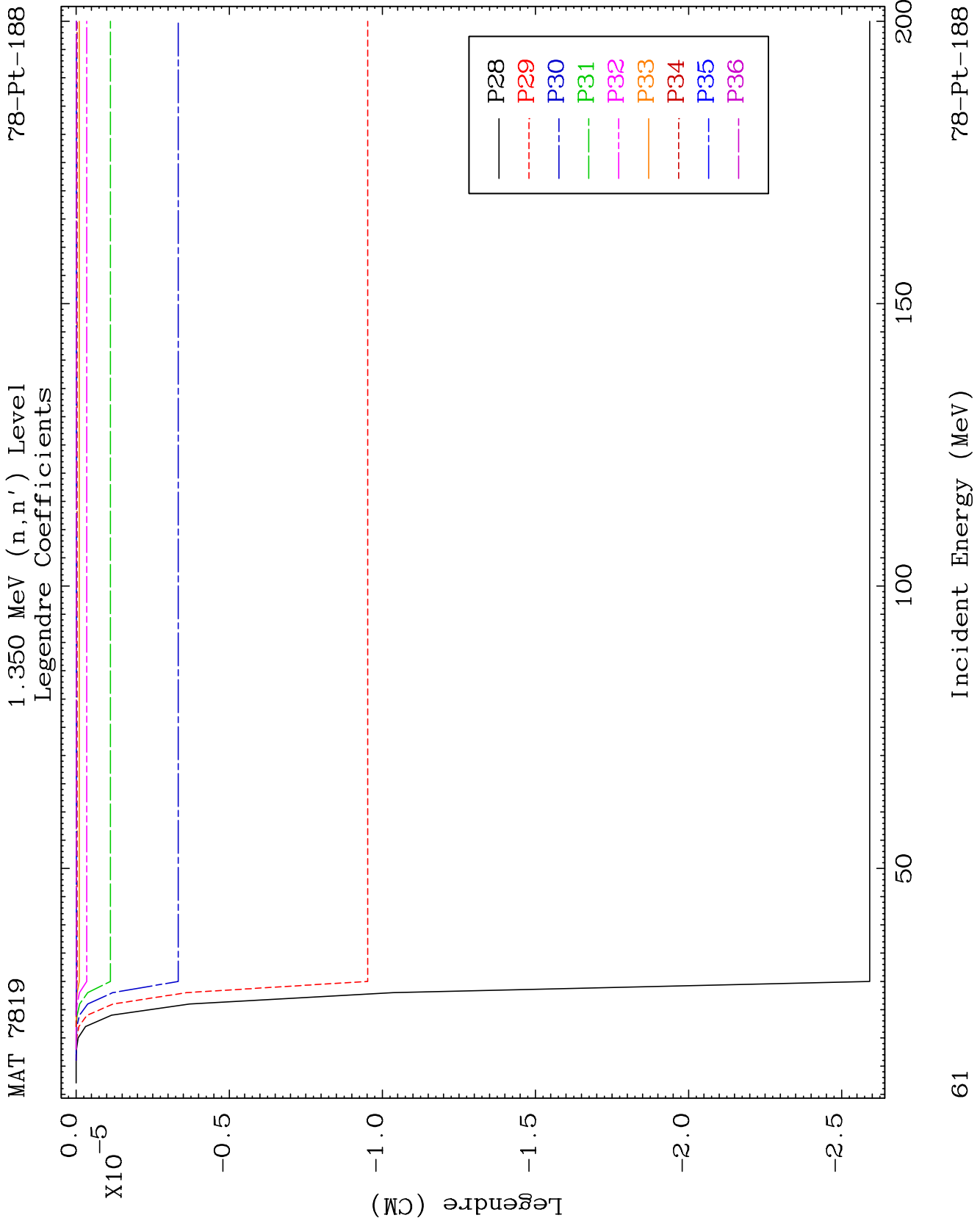
78-Pt-188

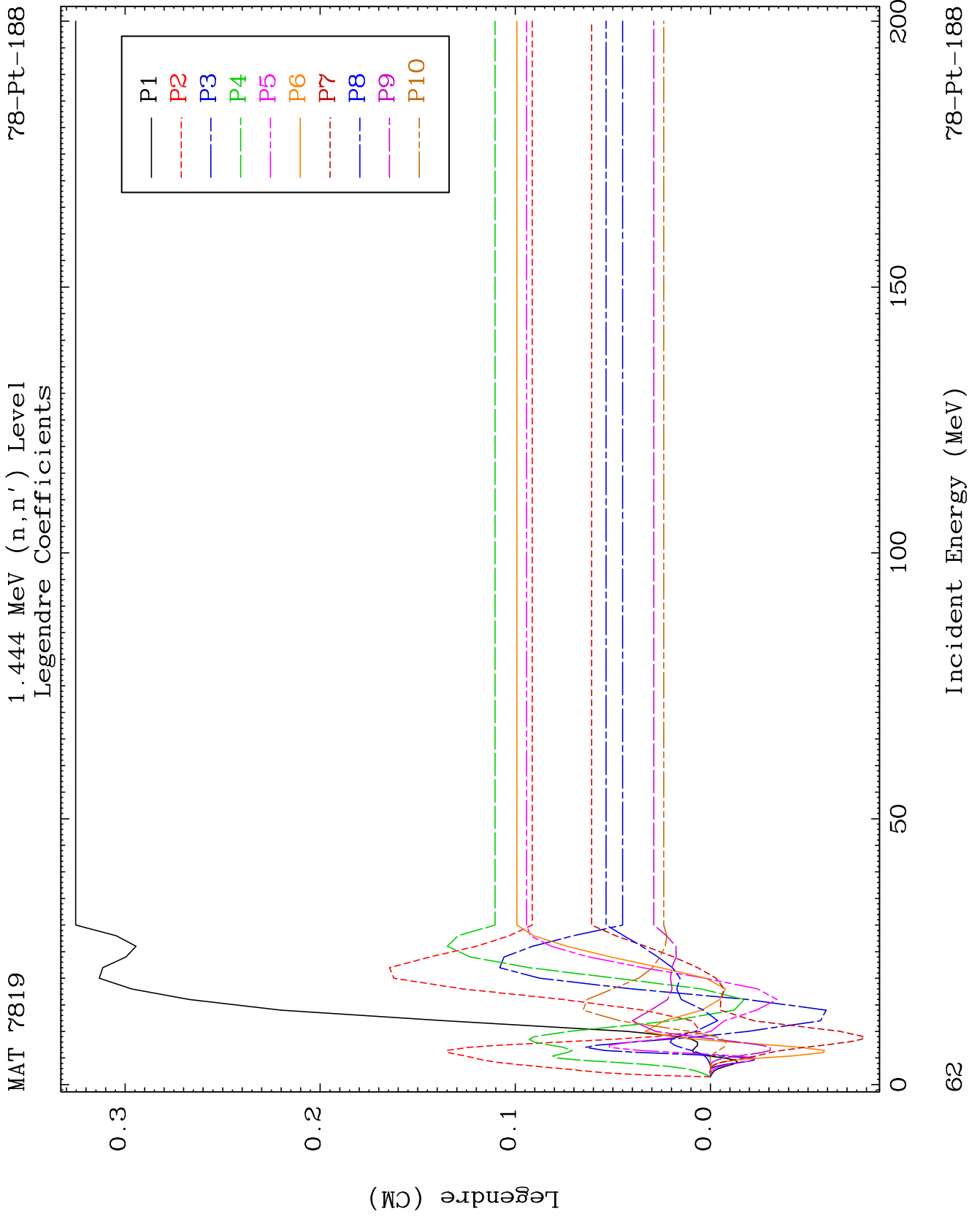


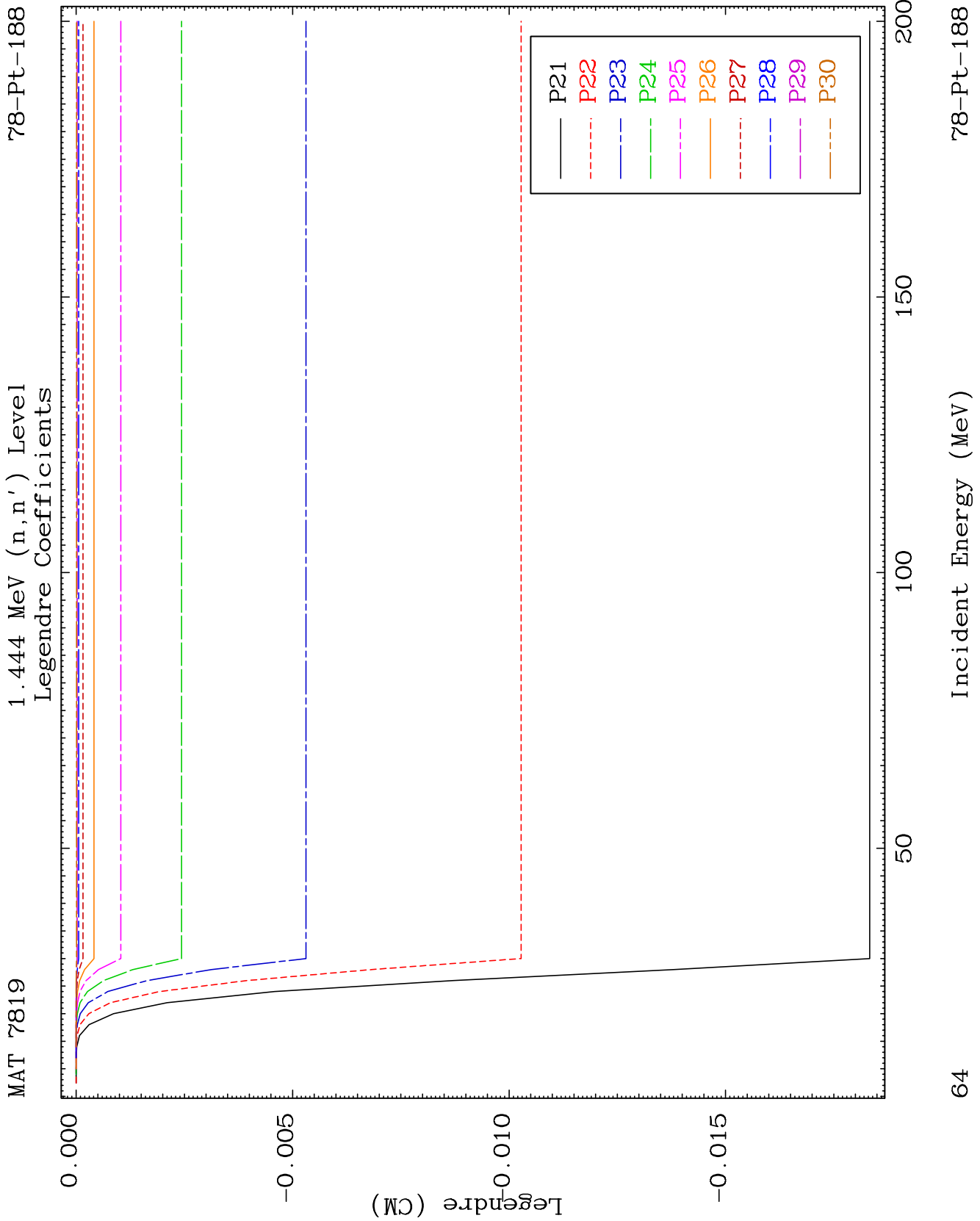
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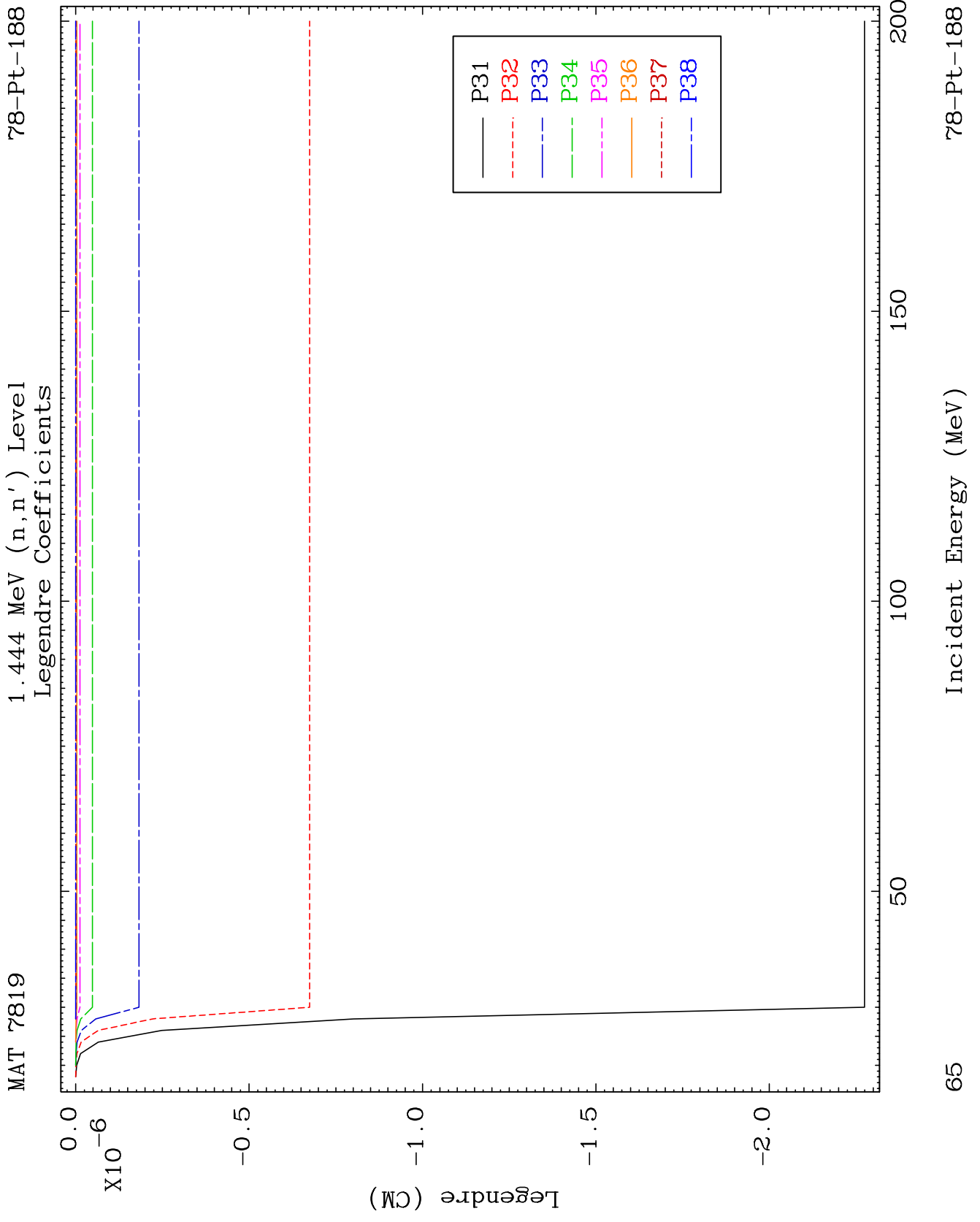
Incident Energy (MeV)

78-Pt-188





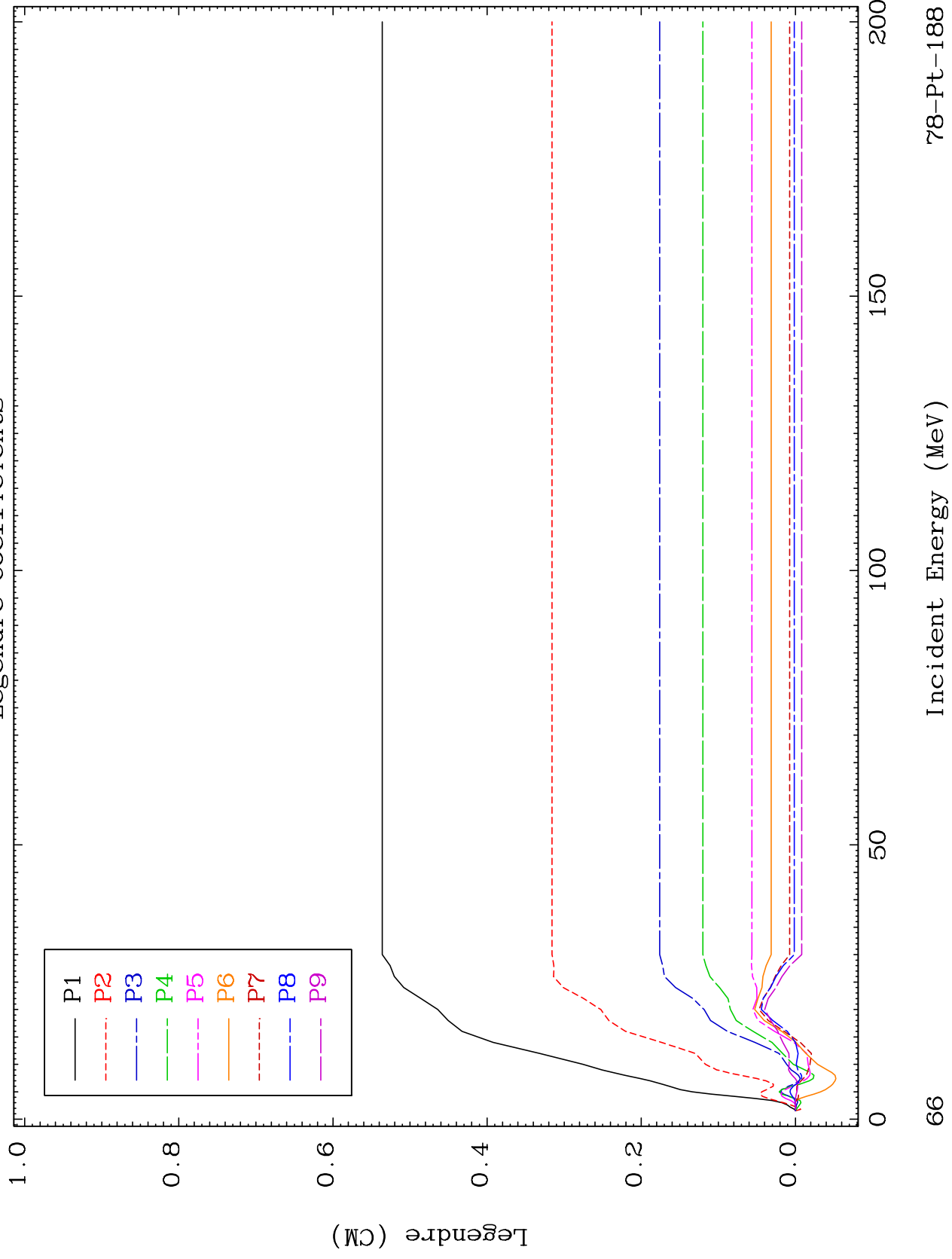




MAT 7819

1.528 MeV (n,n') Level
Legendre Coefficients

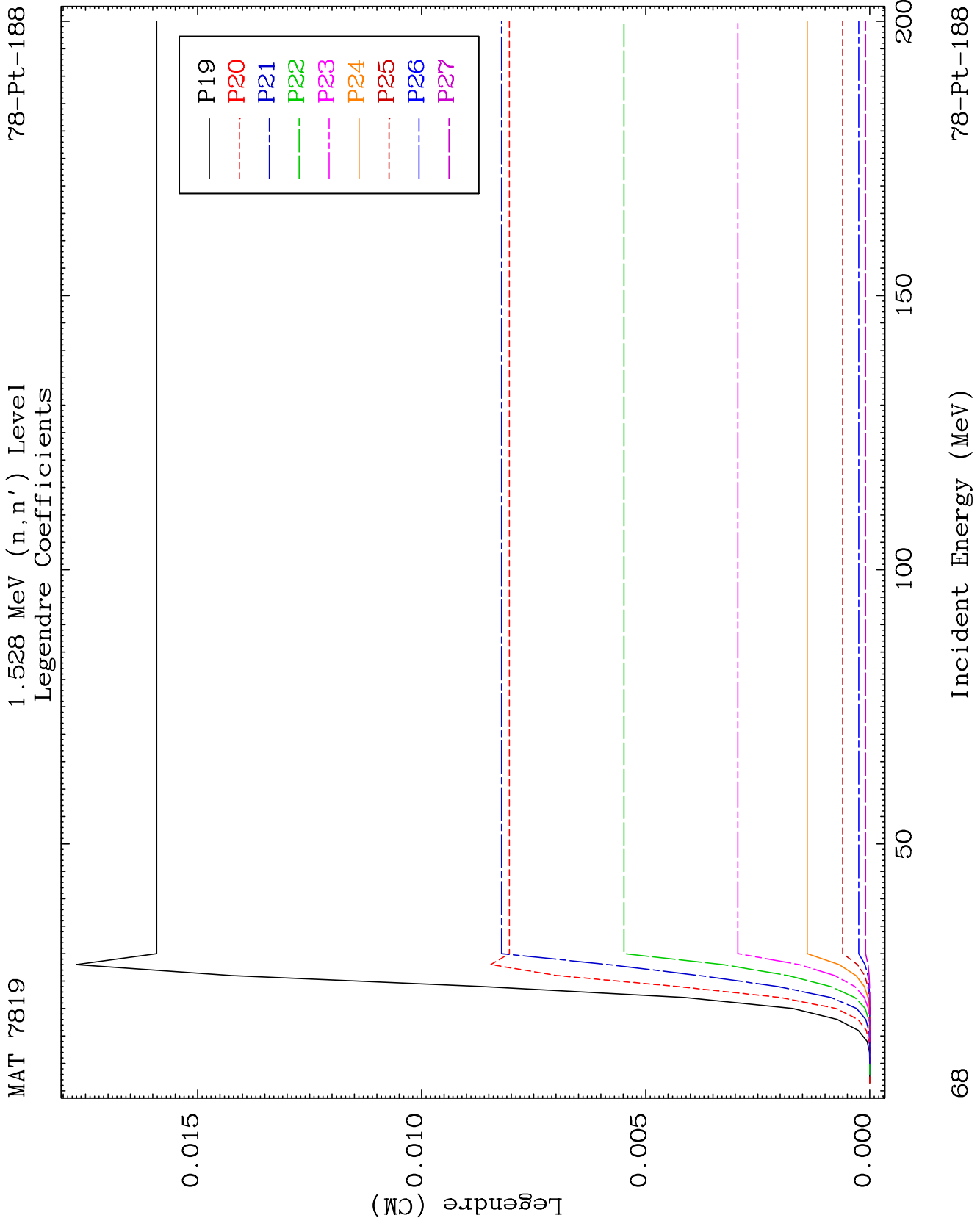
78-Pt-188

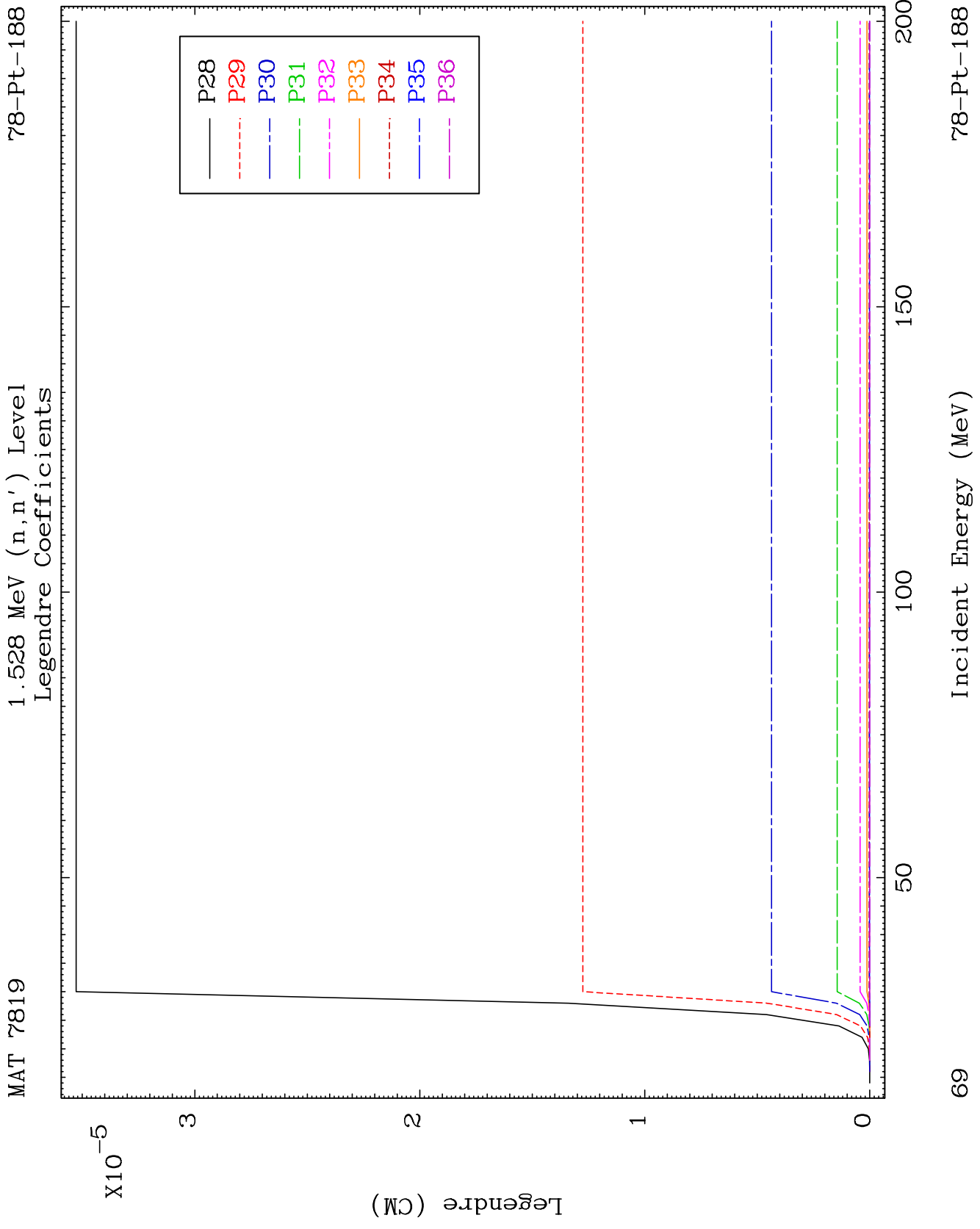


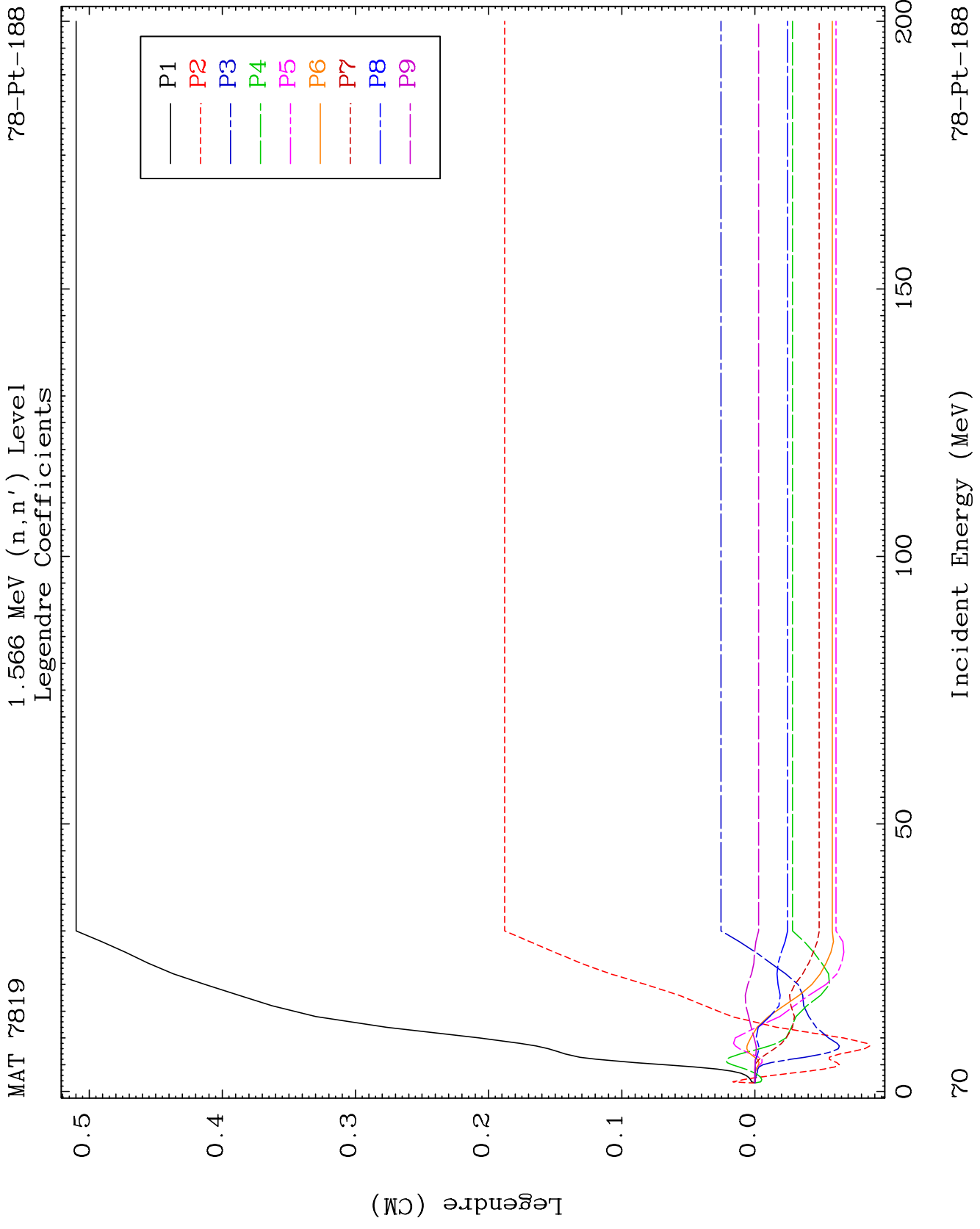
78-Pt-188

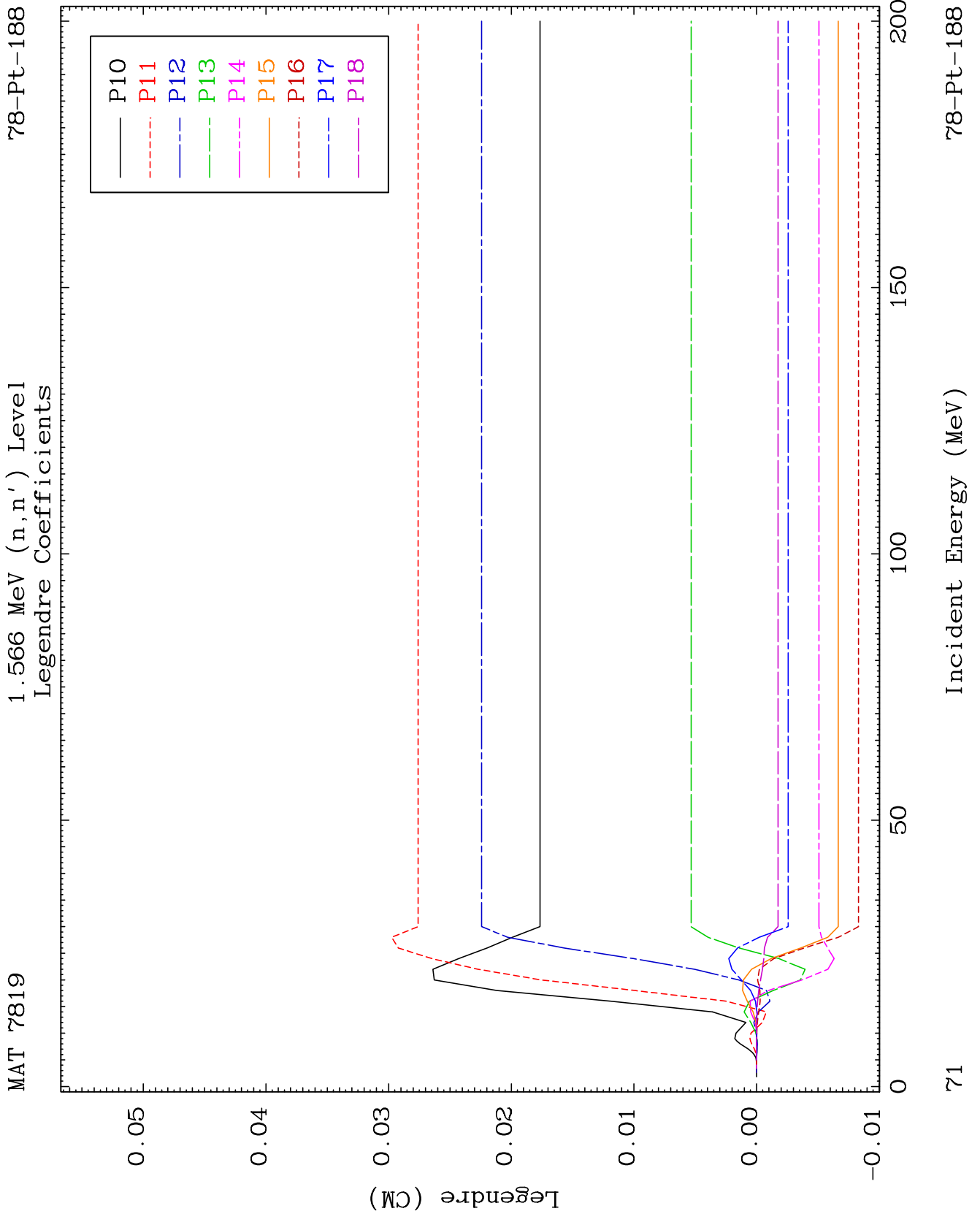
Incident Energy (MeV)

66





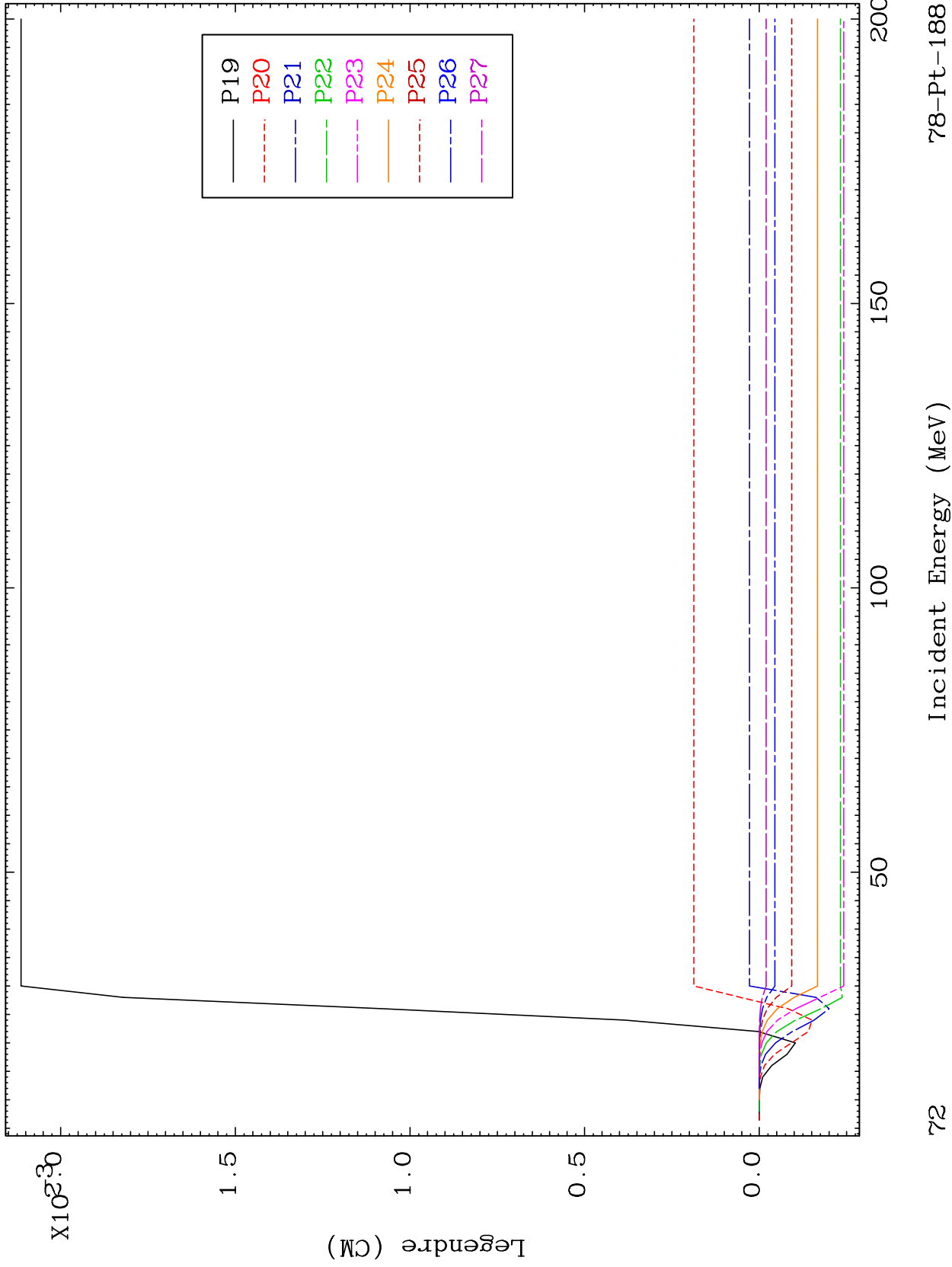




MAT 7819

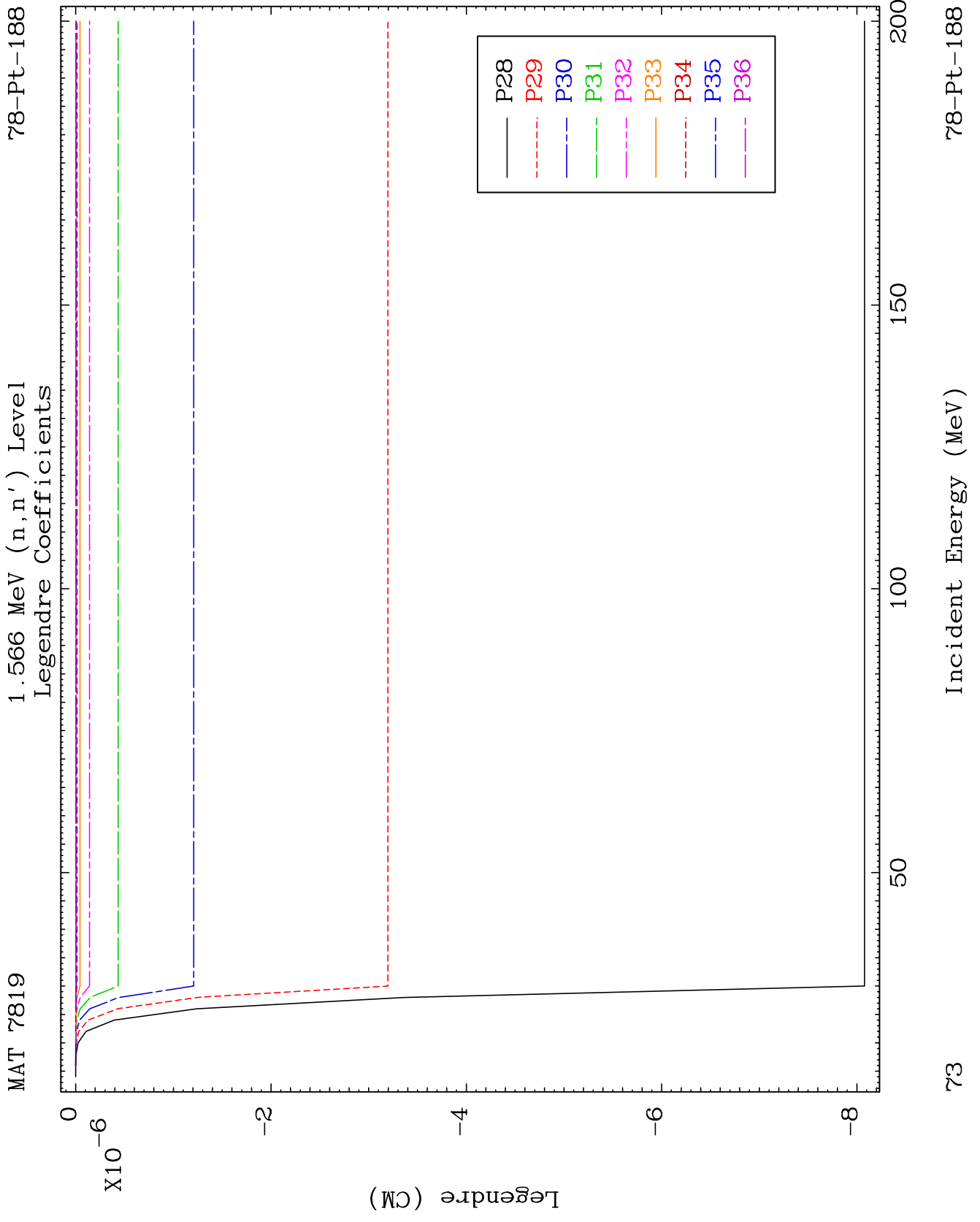
1.566 MeV (n,n') Level
Legendre Coefficients

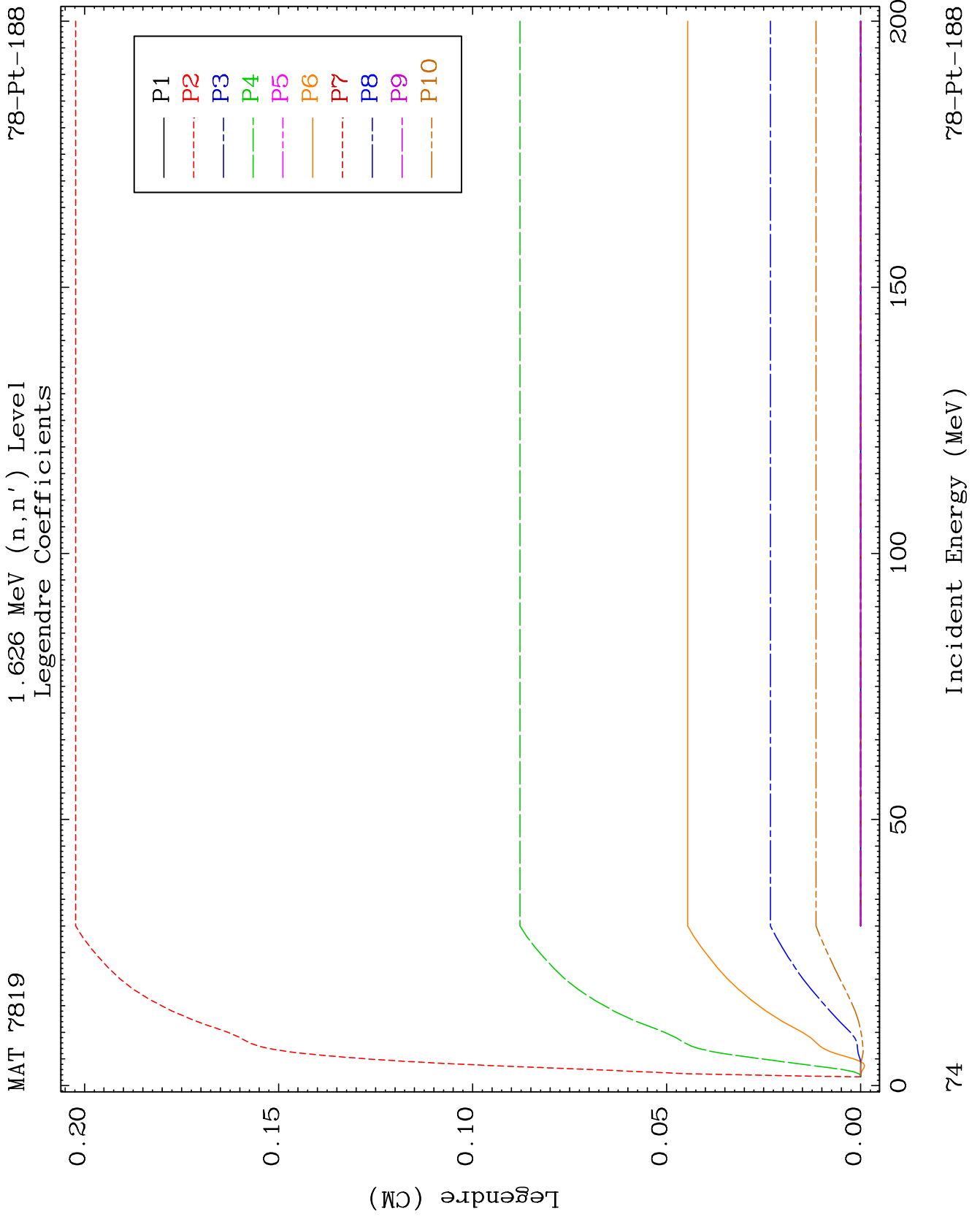
78-Pt-188

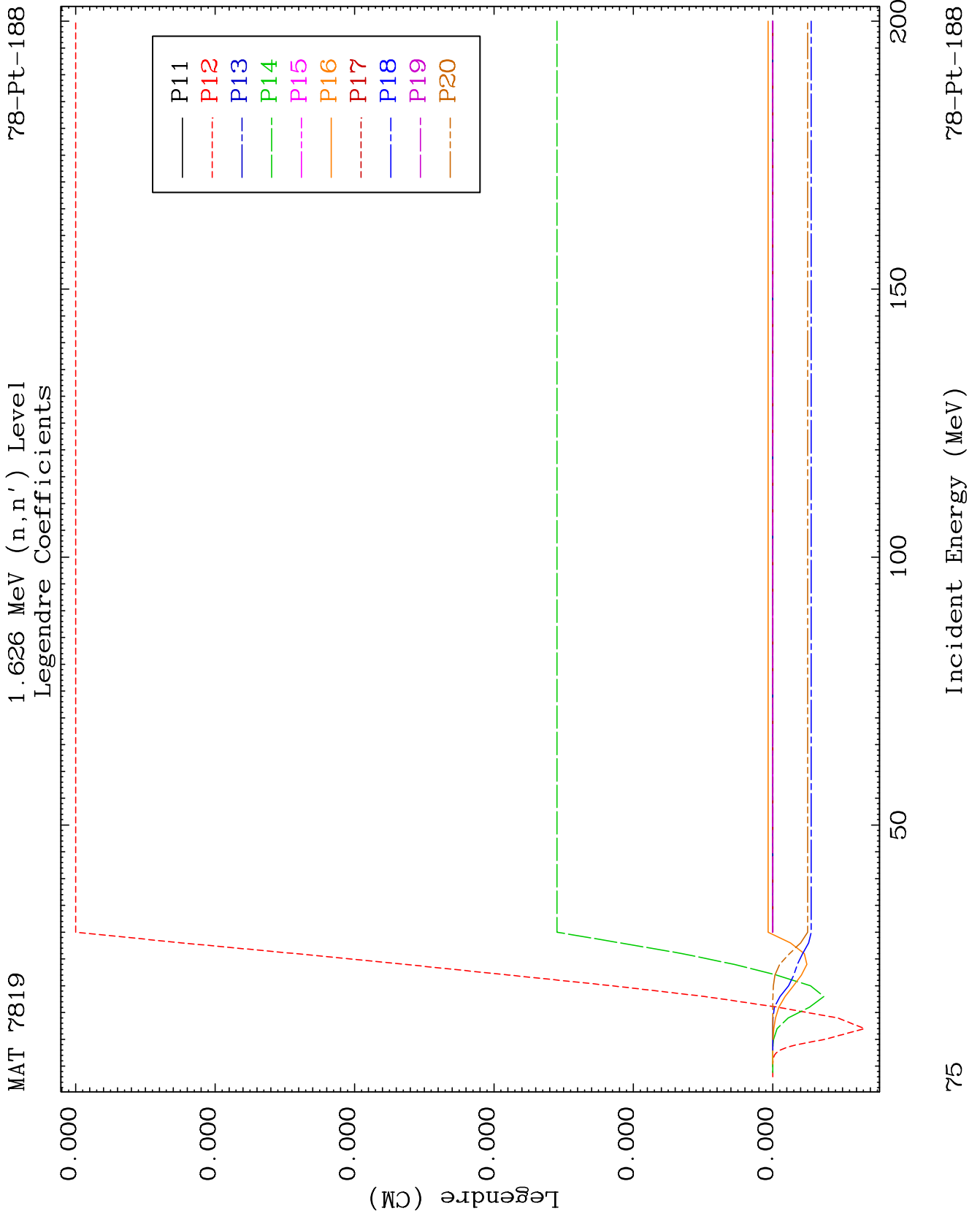


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78-Pt-188



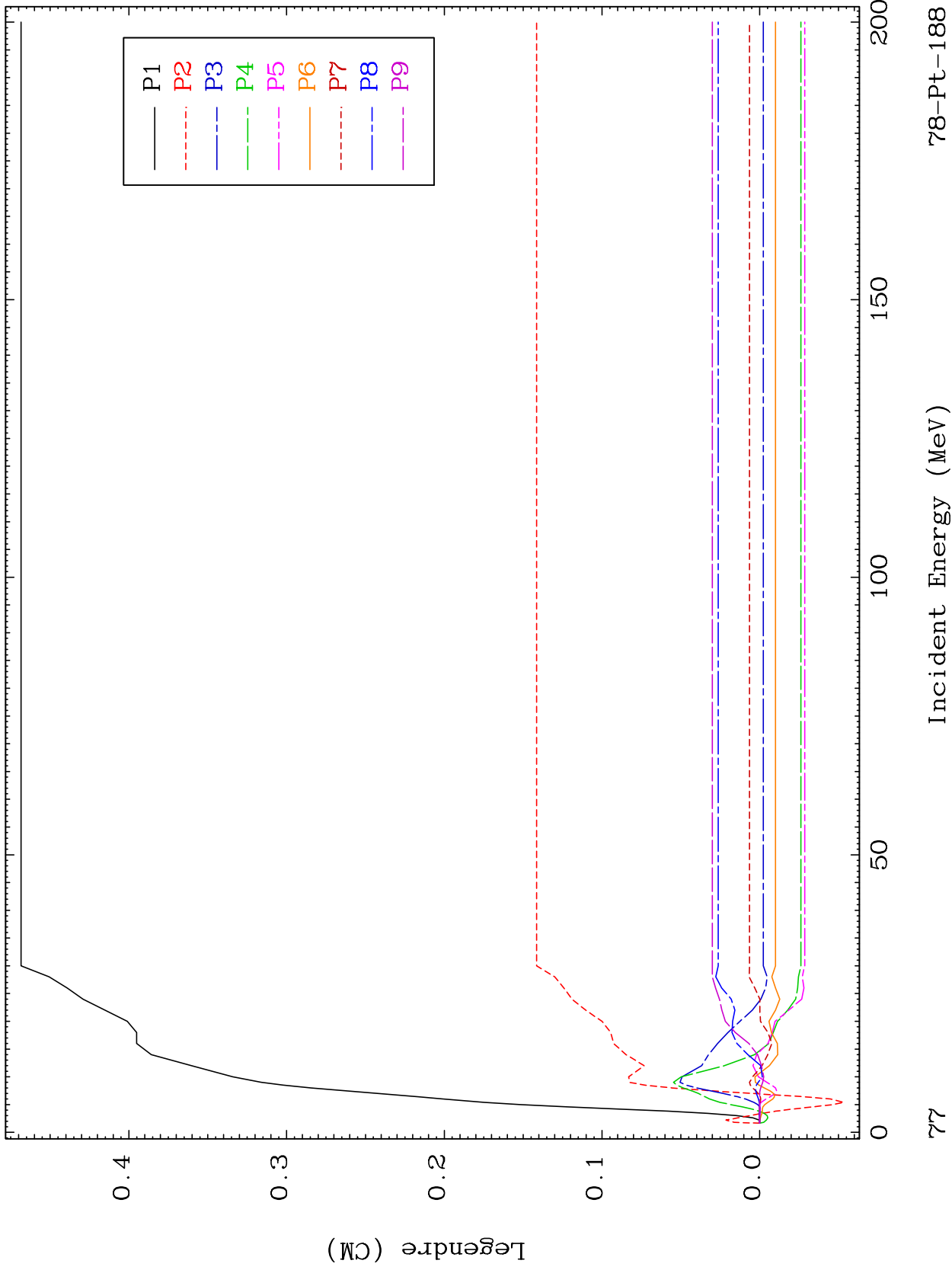




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1.636 MeV (n,n') Level
Legendre Coefficients

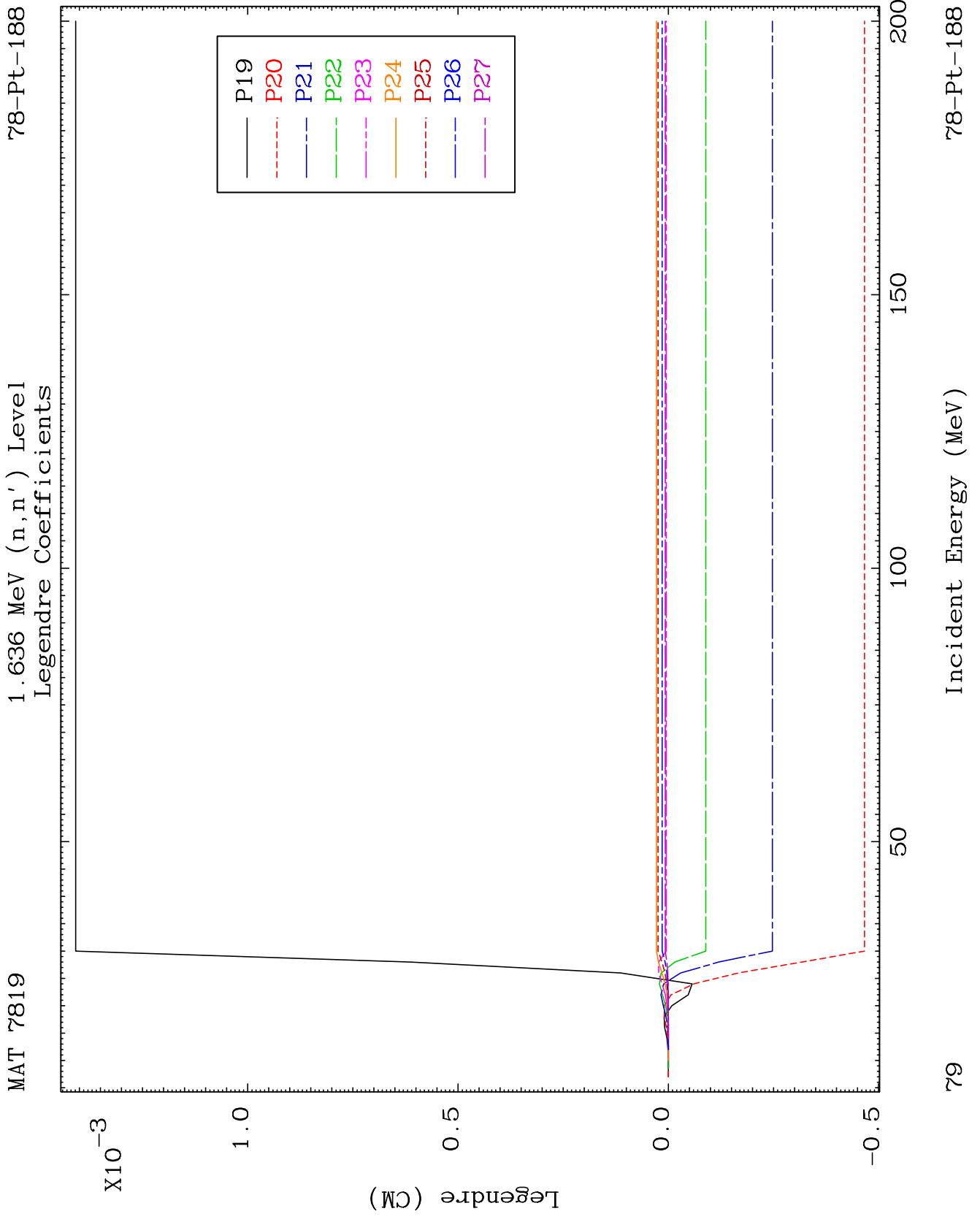
78-Pt-188

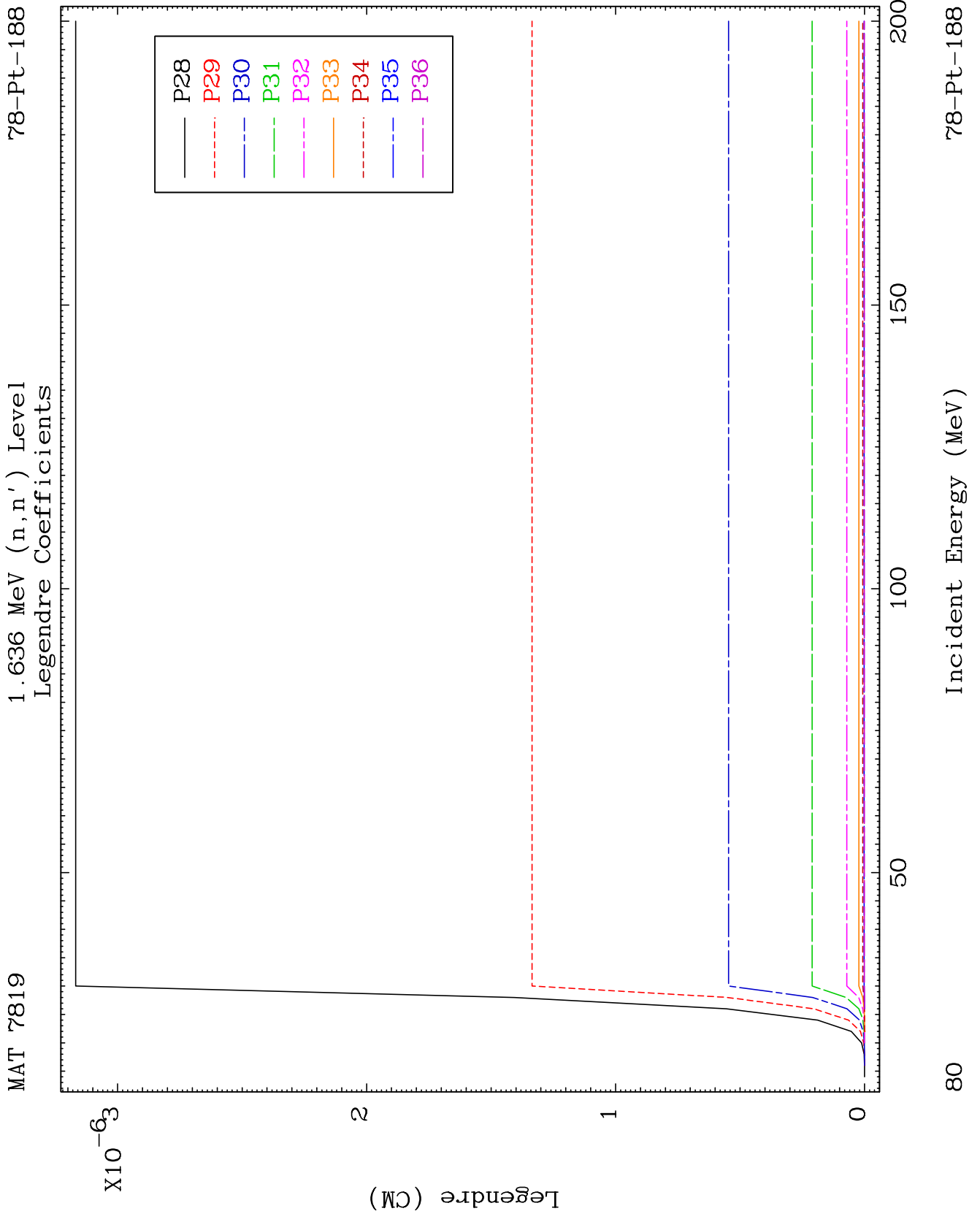


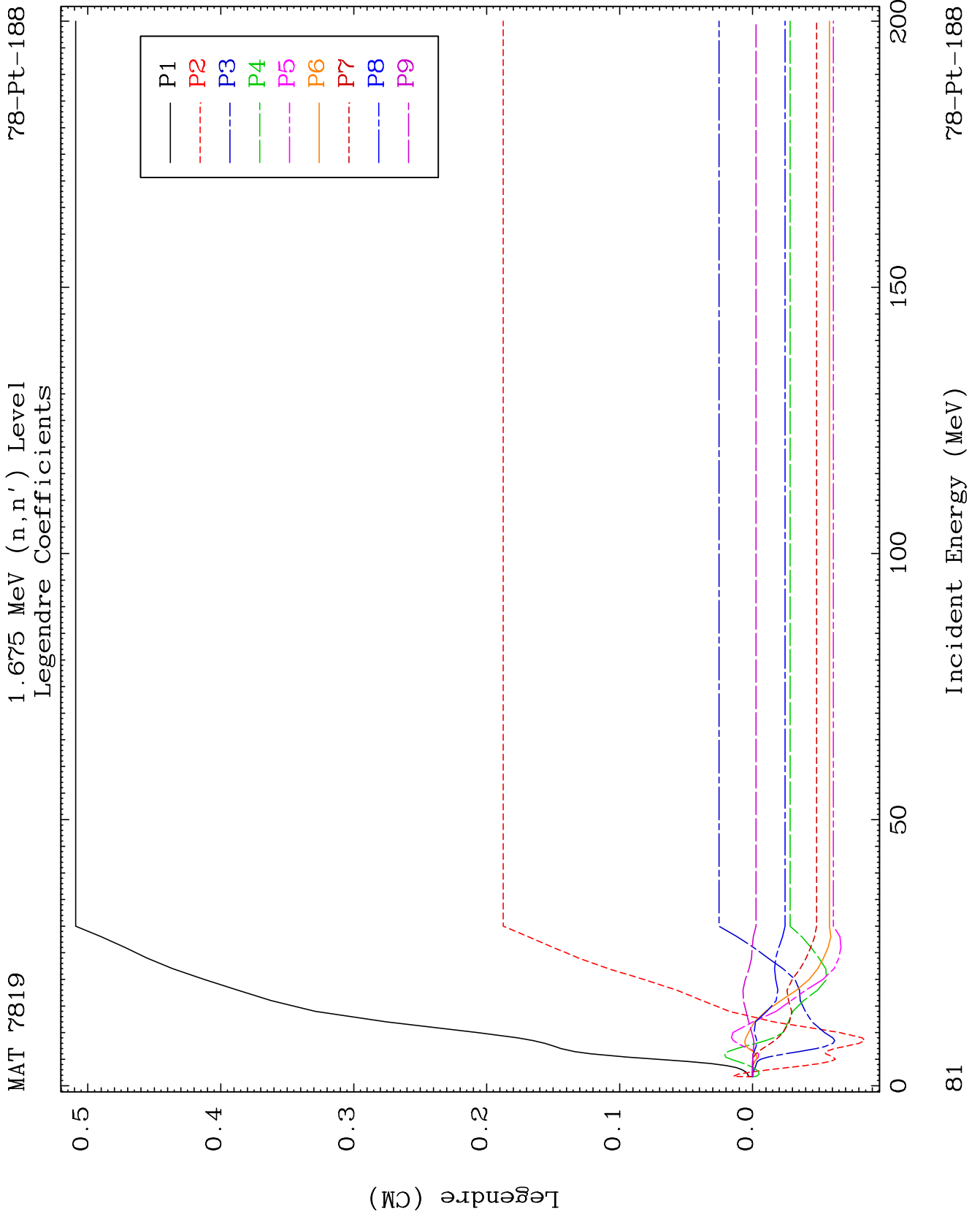
77

Incident Energy (MeV)

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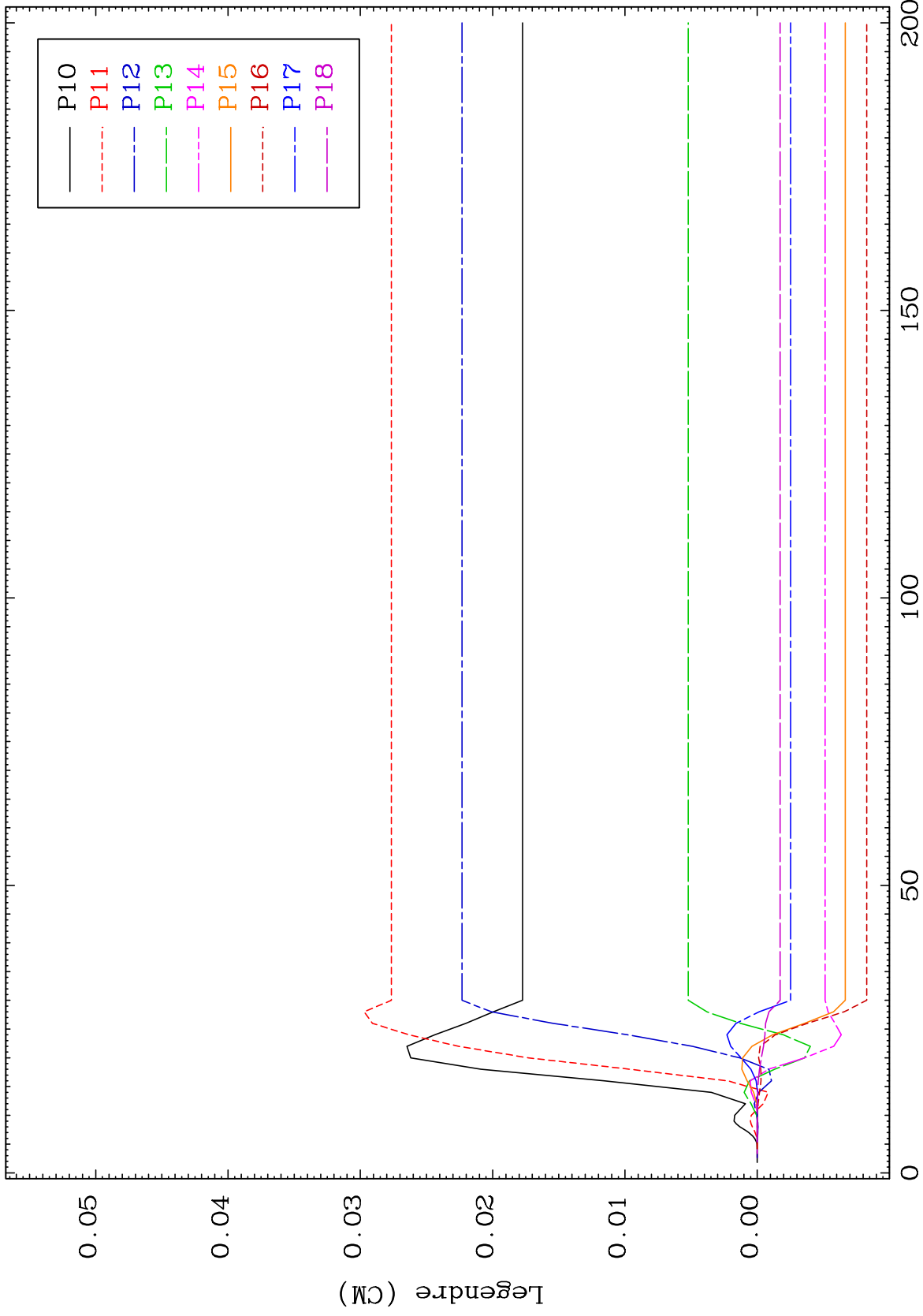




MAT 7819

1.675 MeV (n,n') Level
Legendre Coefficients

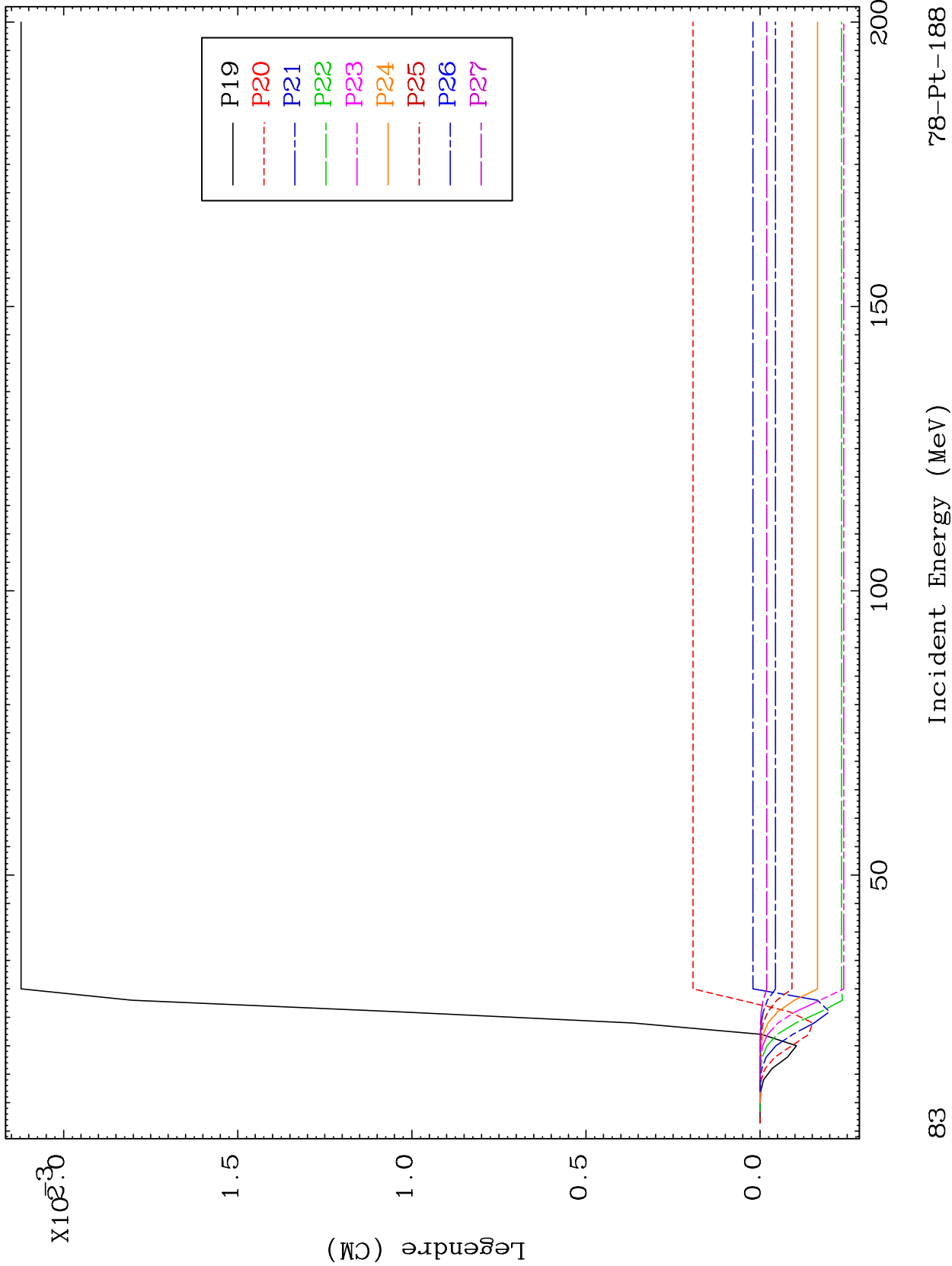
78-Pt-188

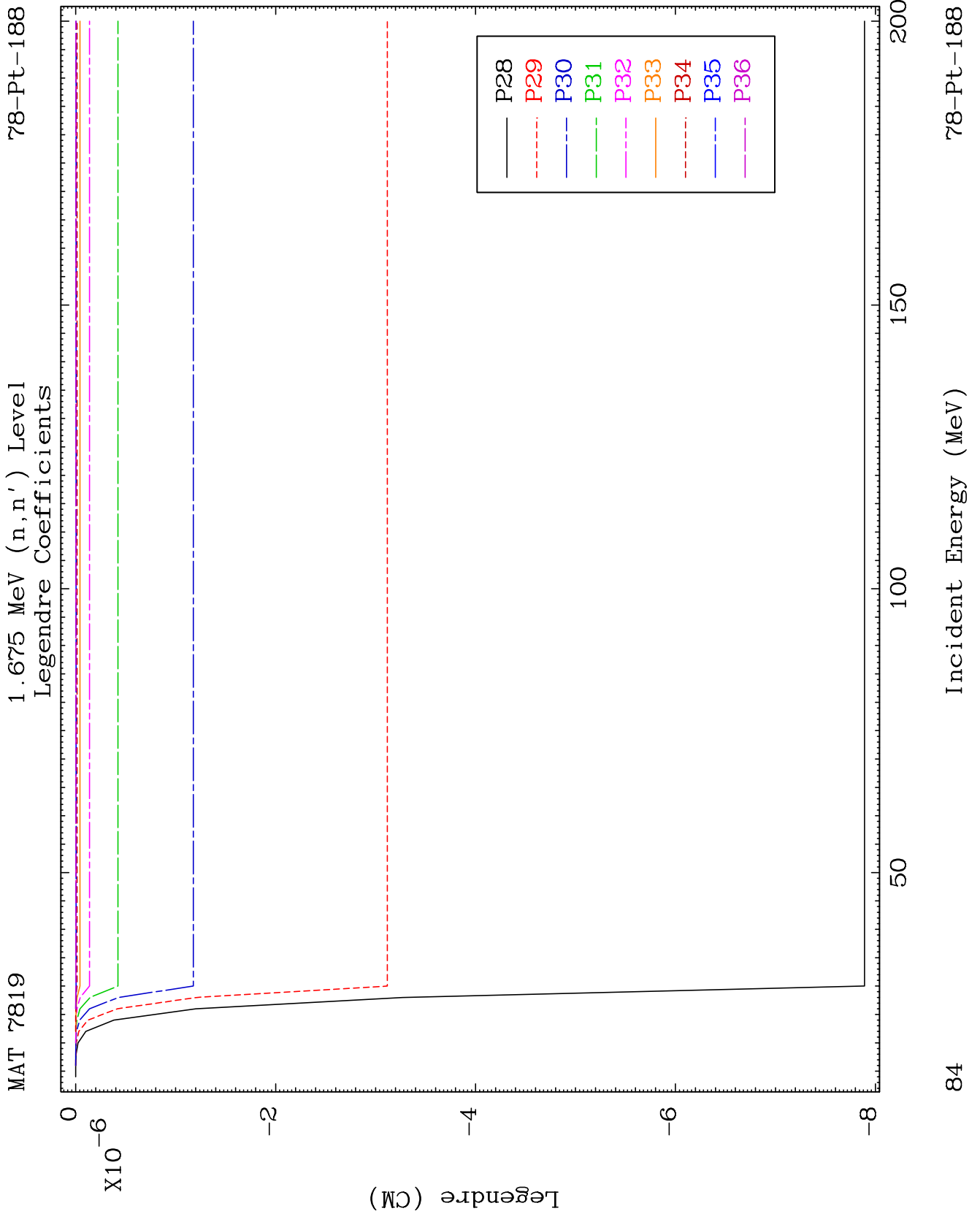


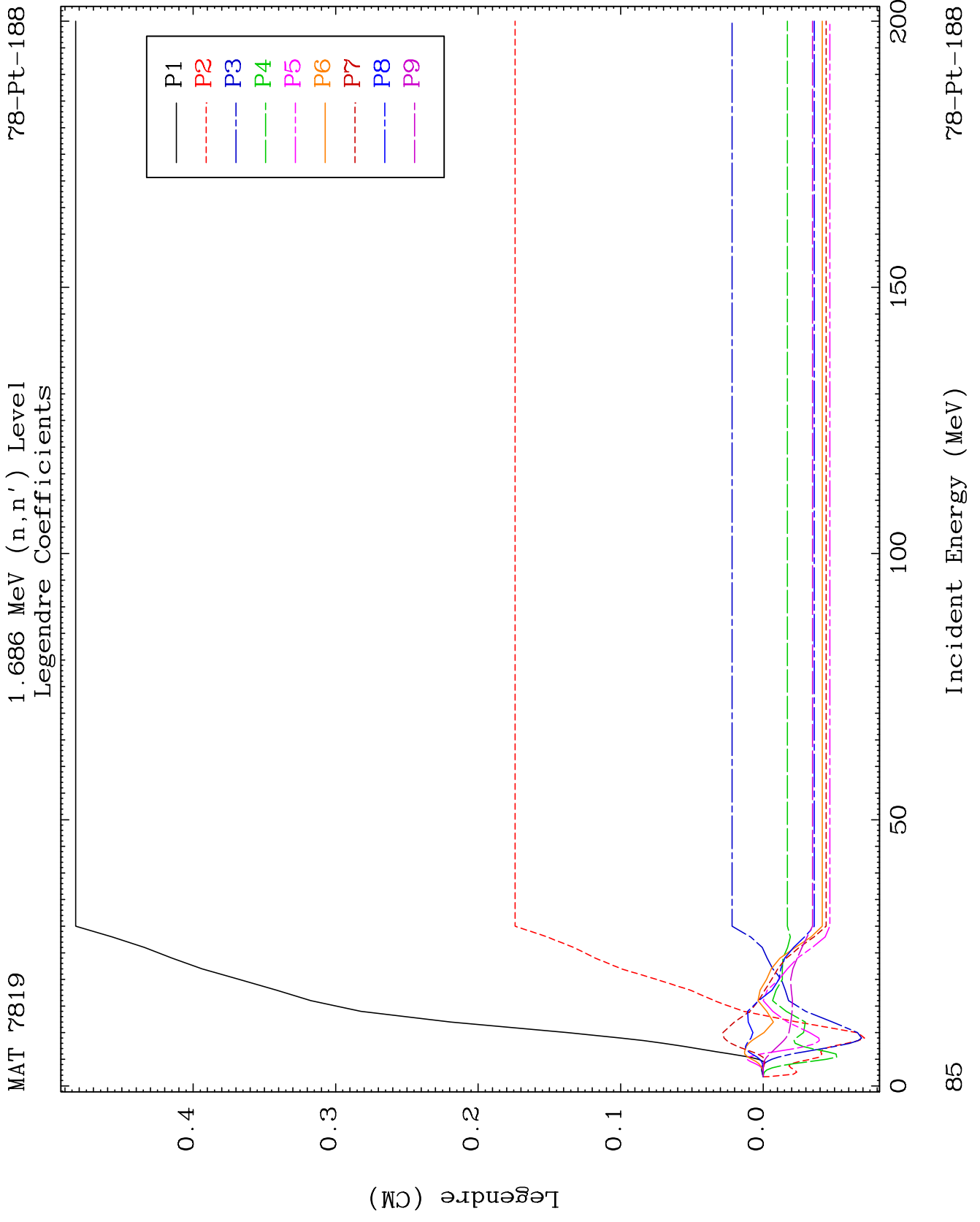
82

Incident Energy (MeV)

78-Pt-188



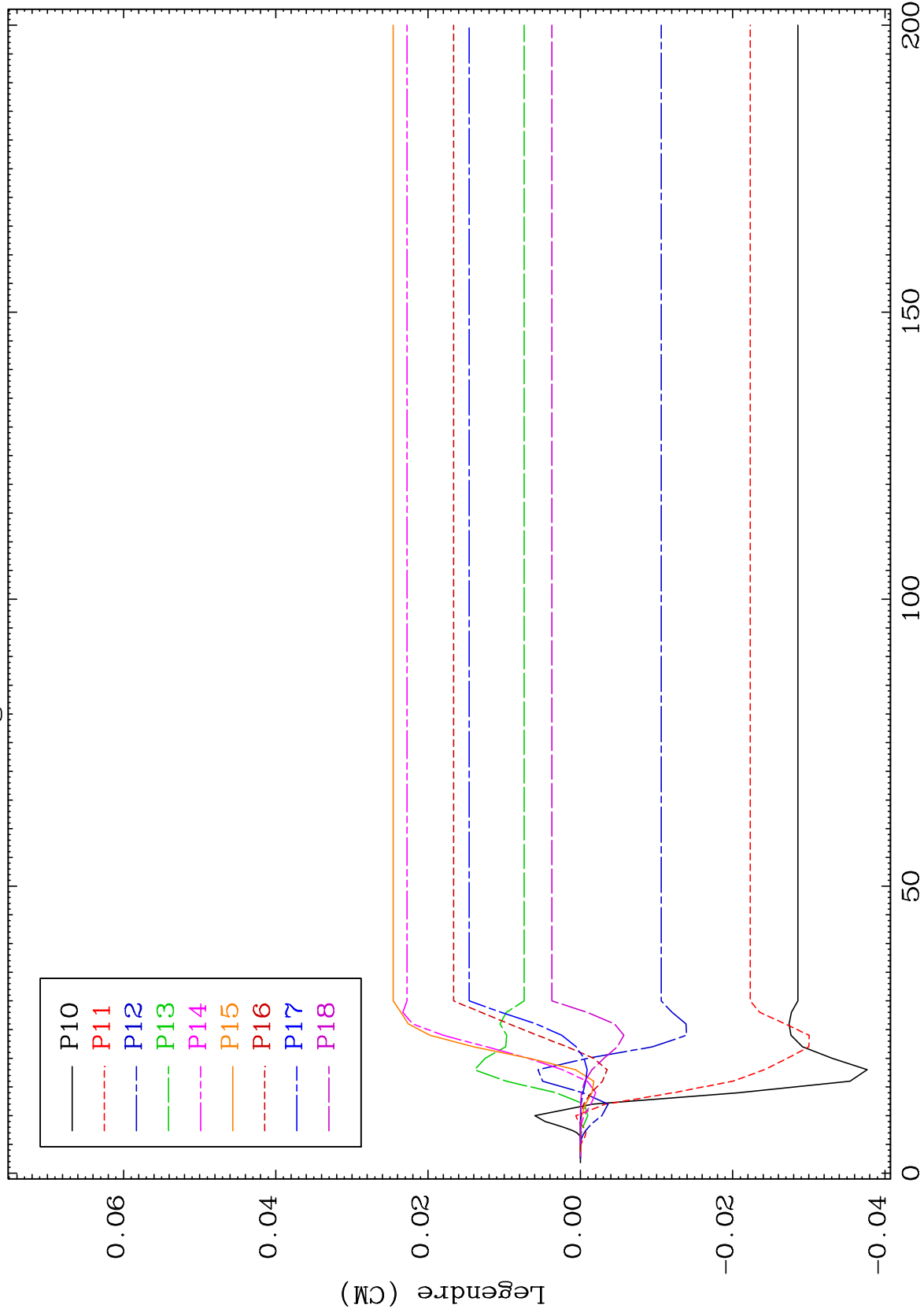




MAT 7819

1.686 MeV (n,n') Level
Legendre Coefficients

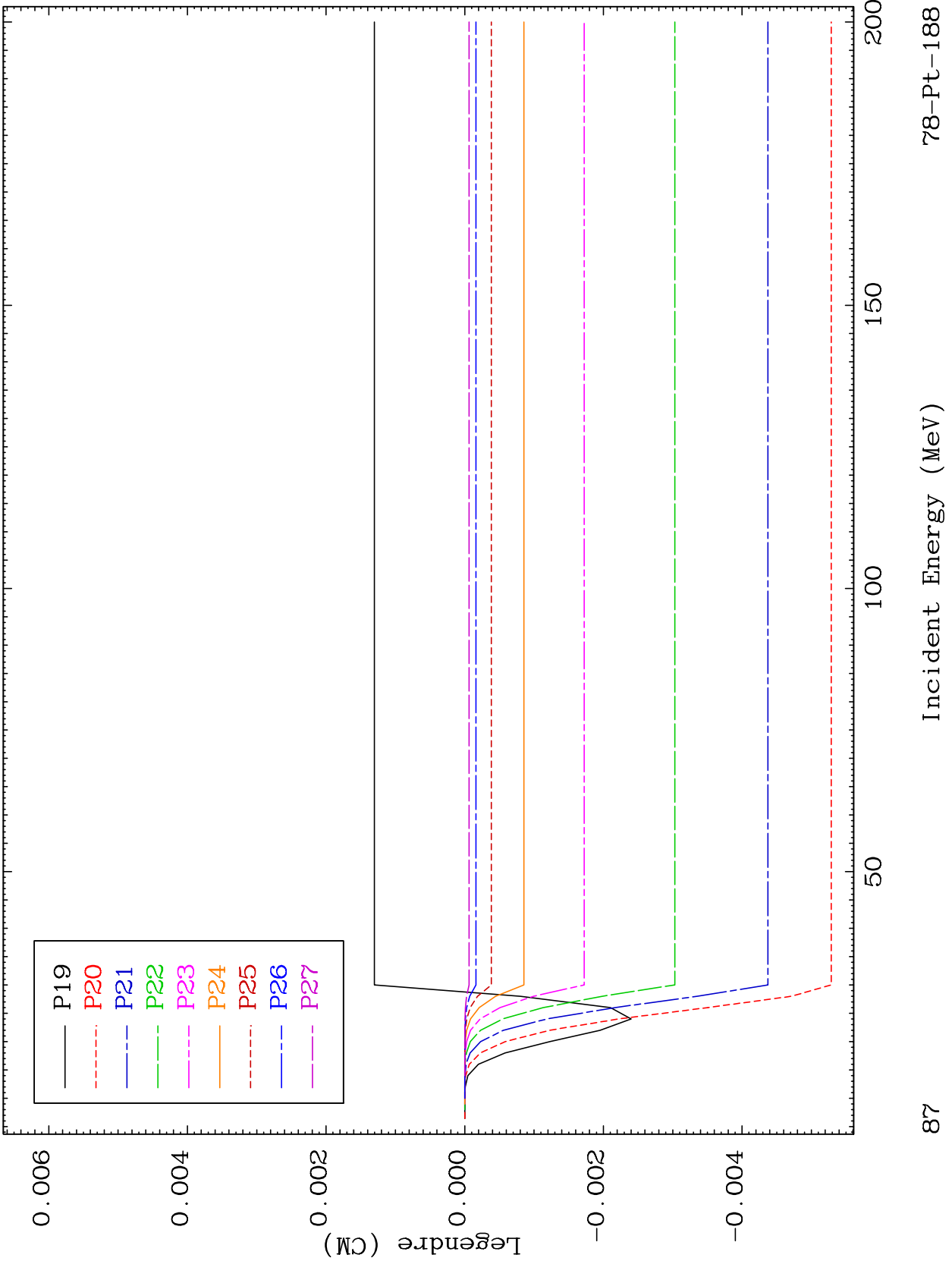
78-Pt-188



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Incident Energy (MeV)

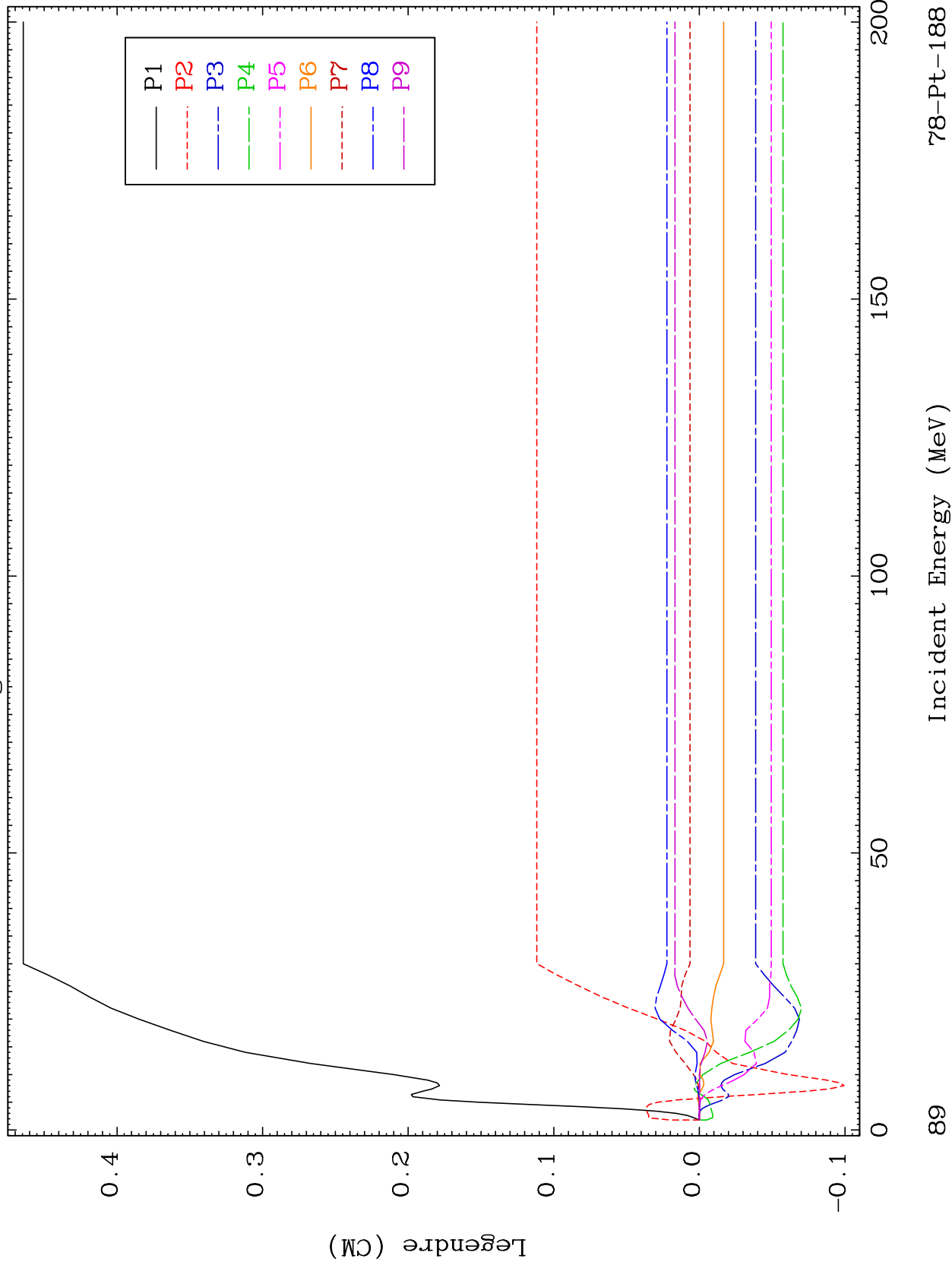
78-Pt-188

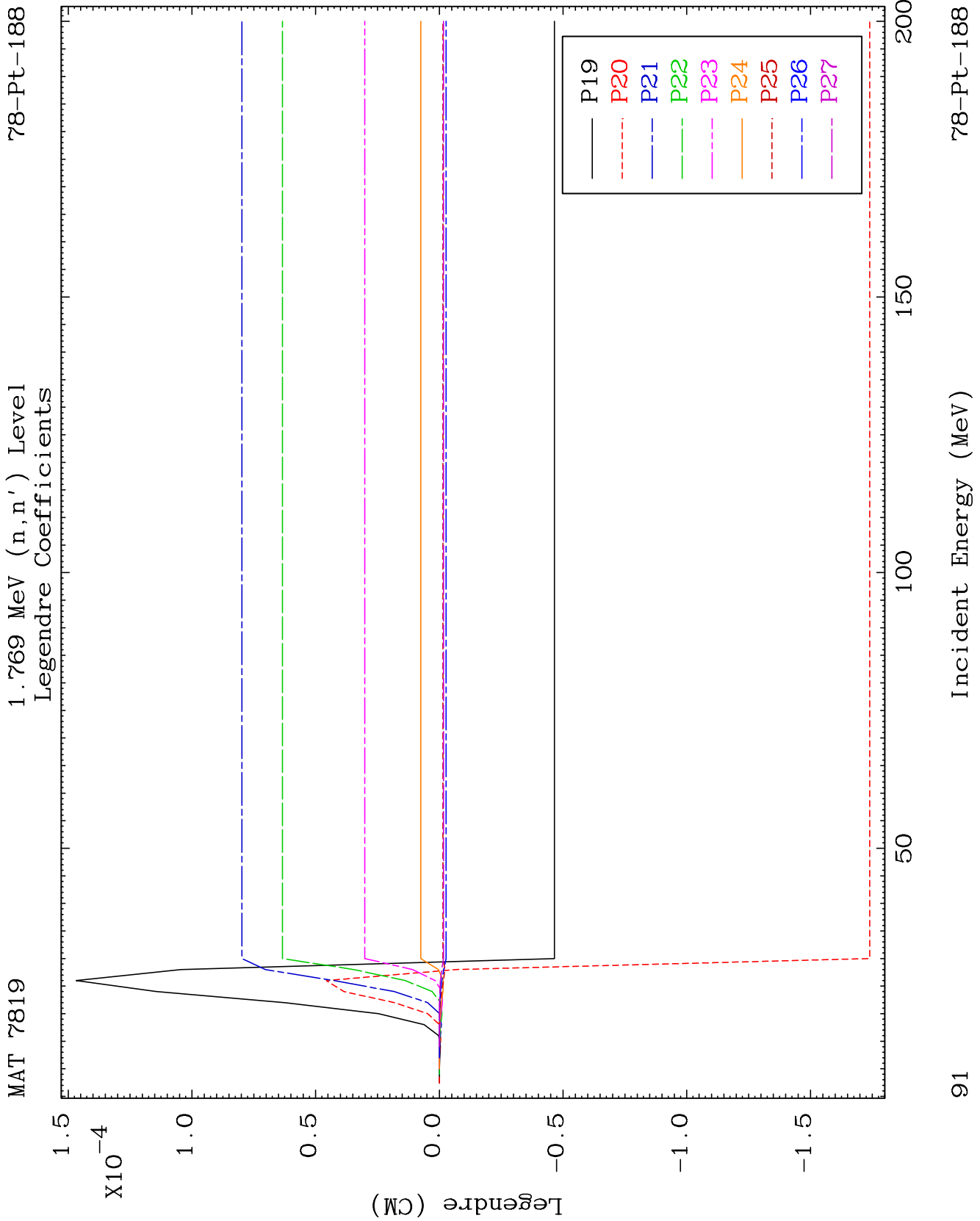


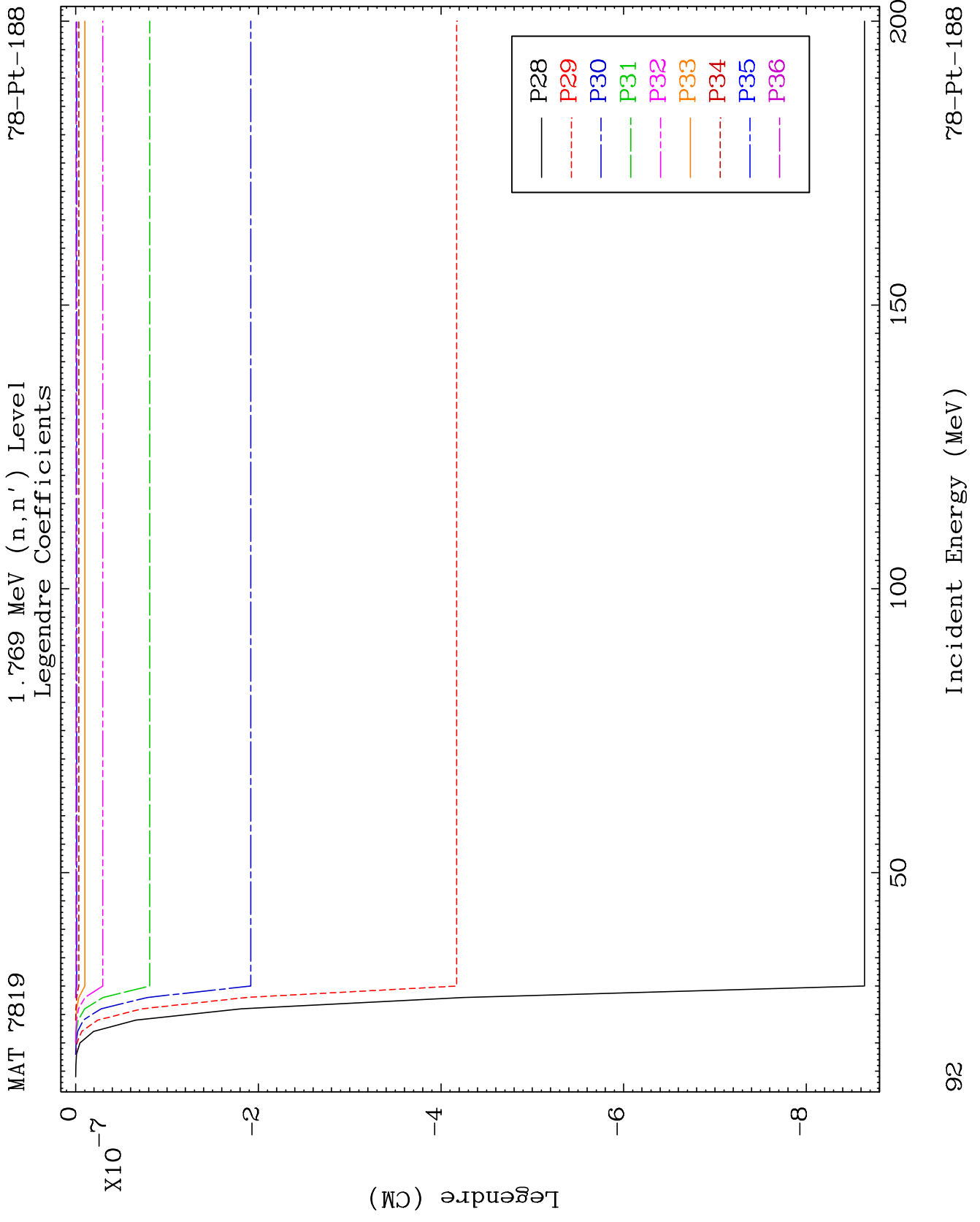
MAT 7819

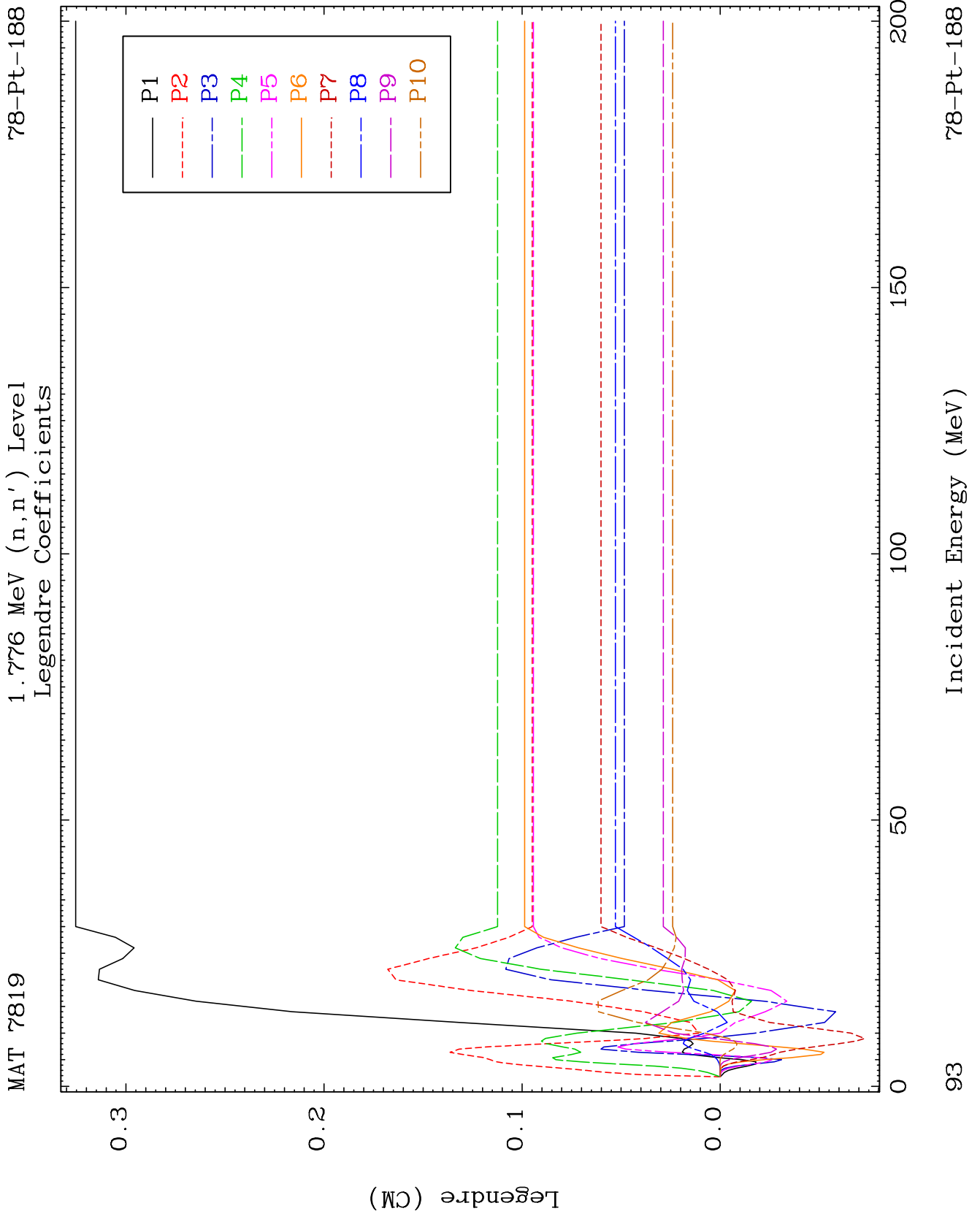
1.769 MeV (n,n') Level
Legendre Coefficients

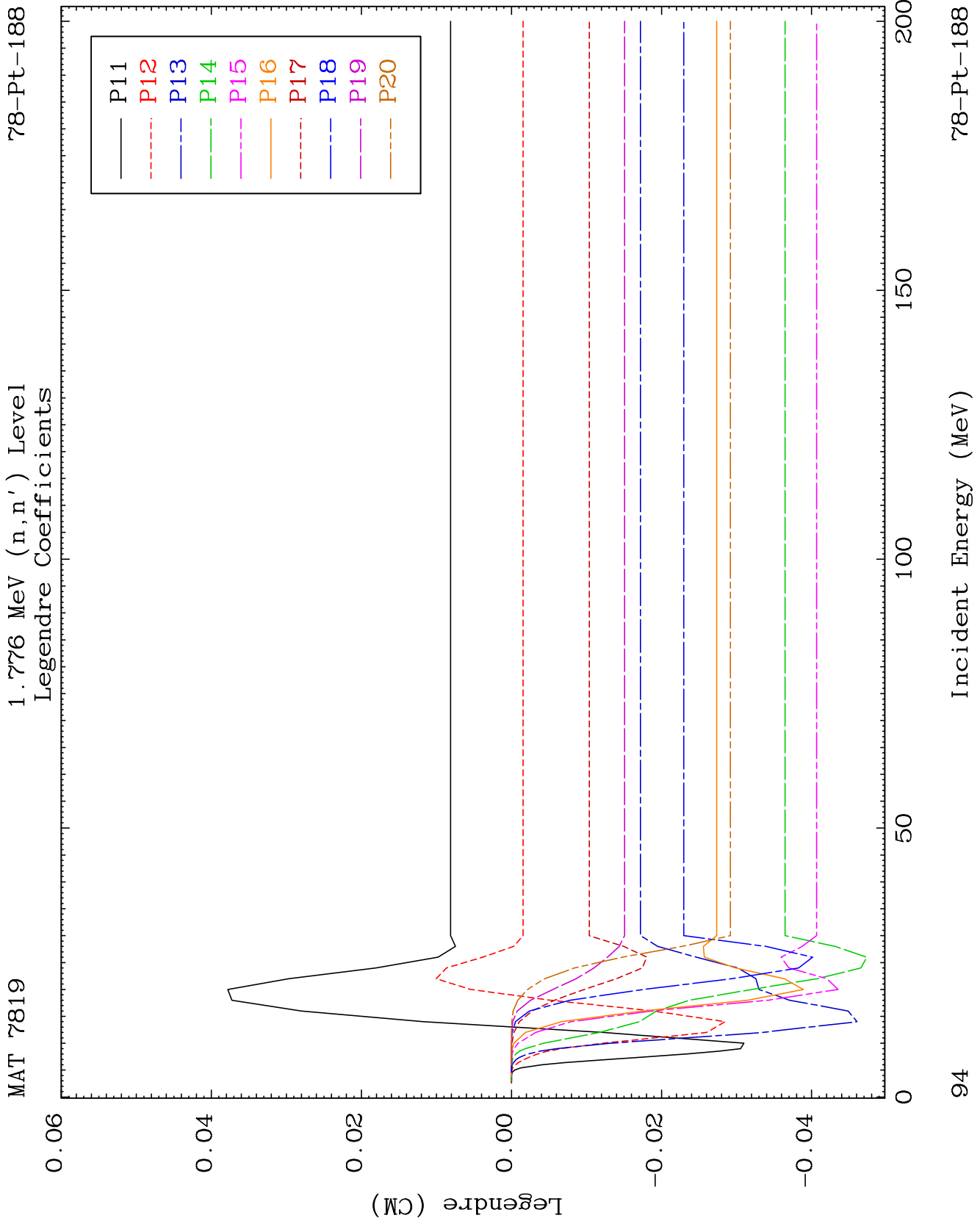
78-Pt-188

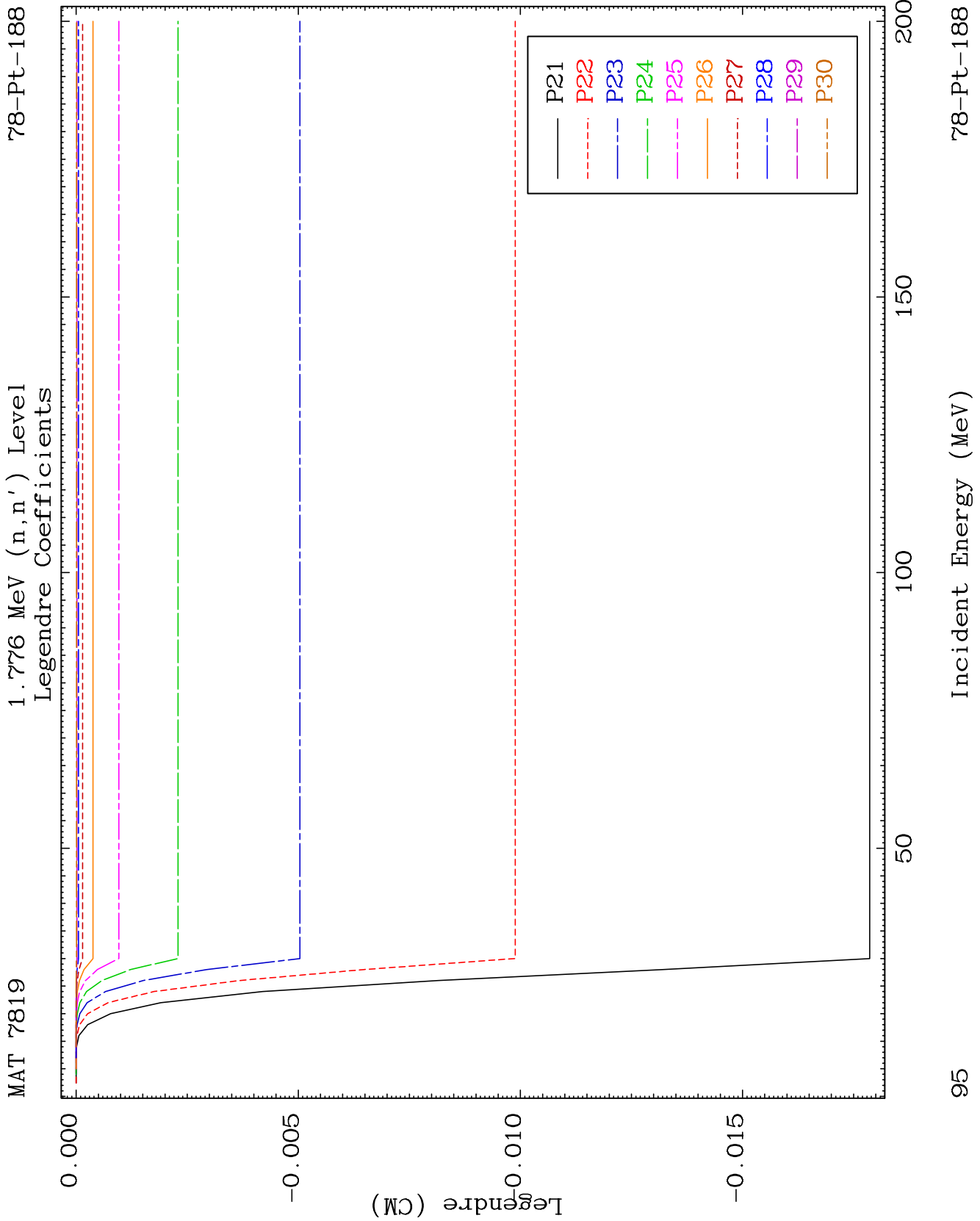








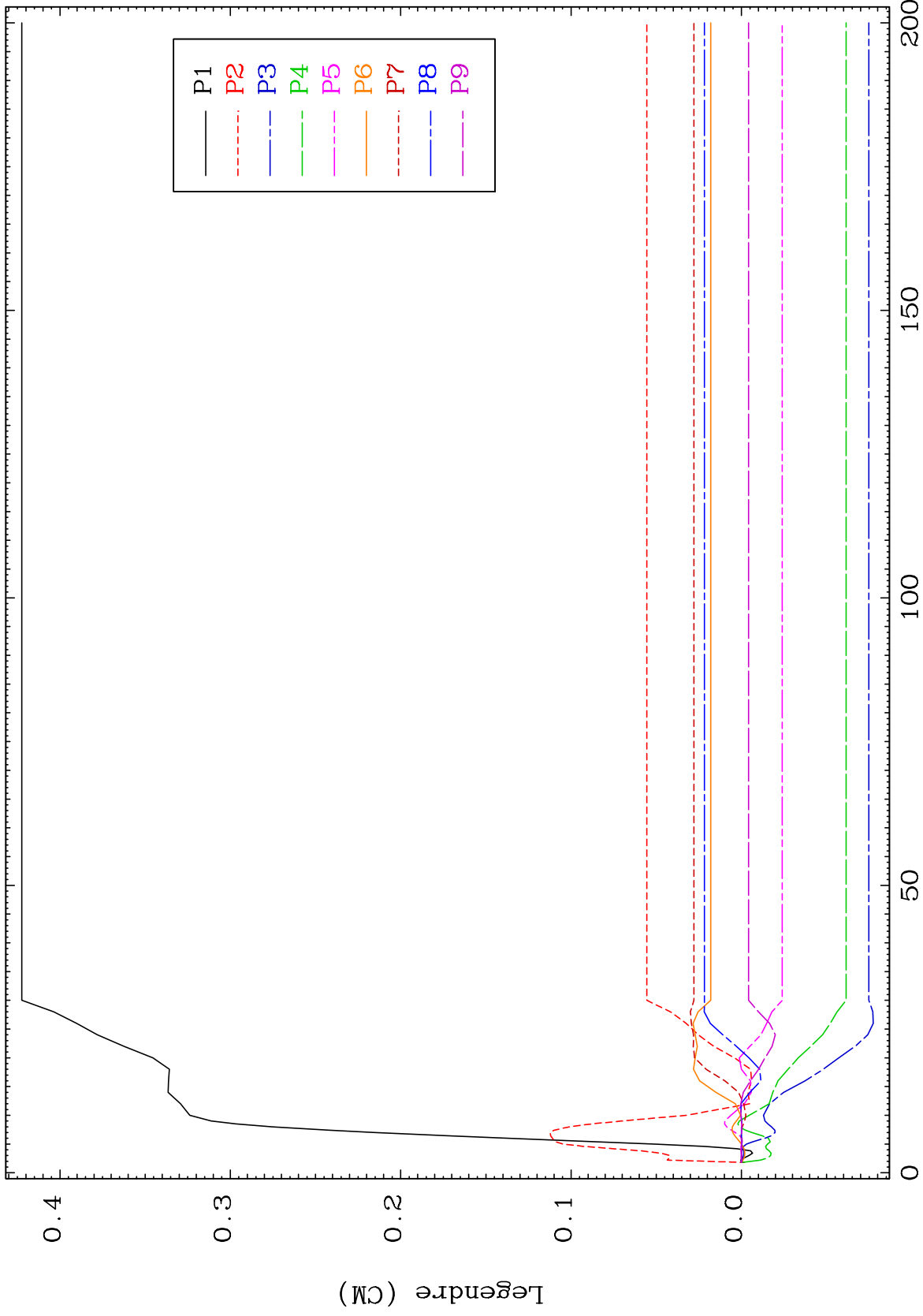




MAT 7819

1.783 MeV (n,n') Level
Legendre Coefficients

78-Pt-188



97

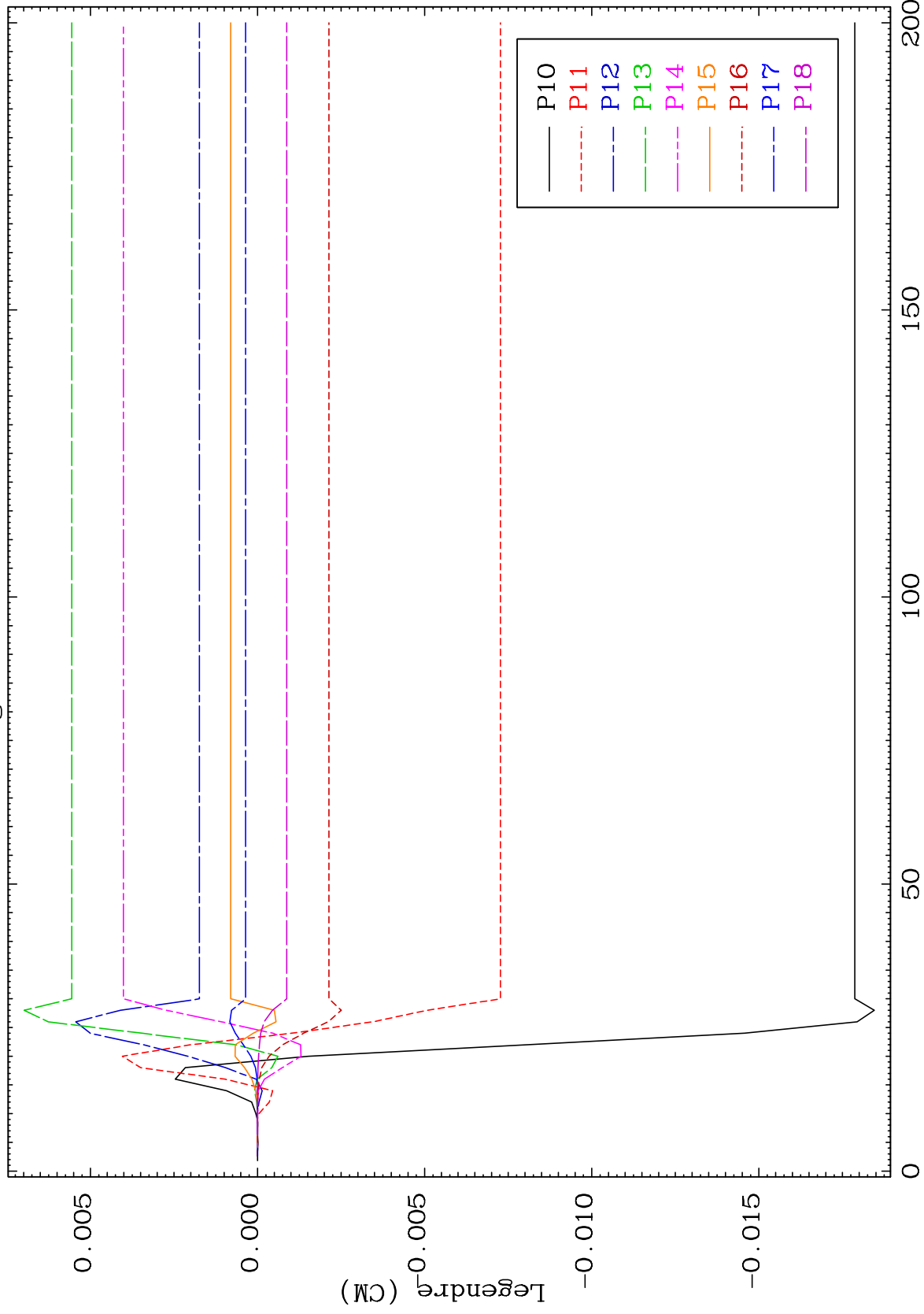
Incident Energy (MeV)

78-Pt-188

MAT 7819

1.783 MeV (n,n') Level
Legendre Coefficients

78-Pt-188



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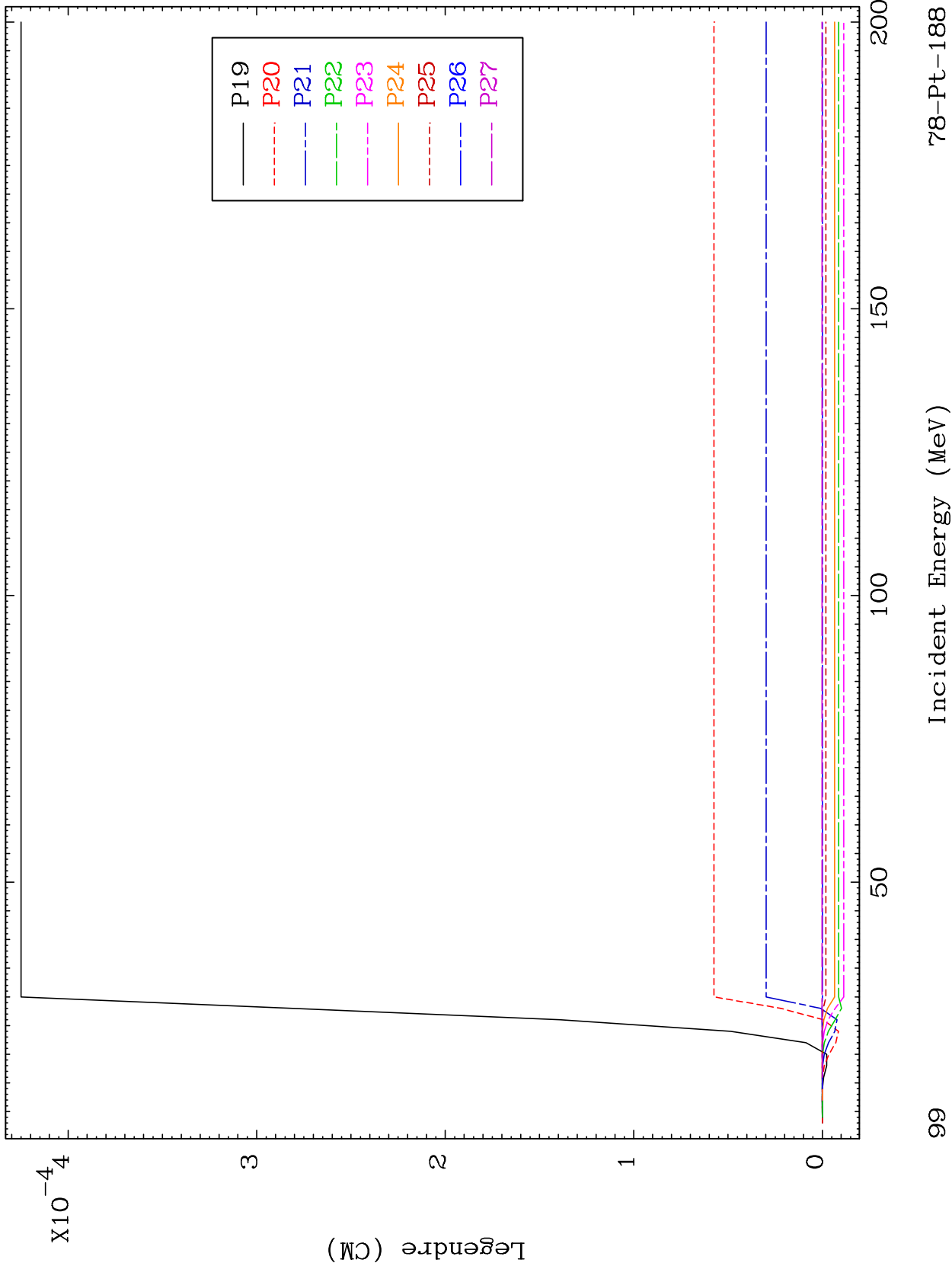
Incident Energy (MeV)

78-Pt-188

MAT 7819

1.783 MeV (n,n') Level
Legendre Coefficients

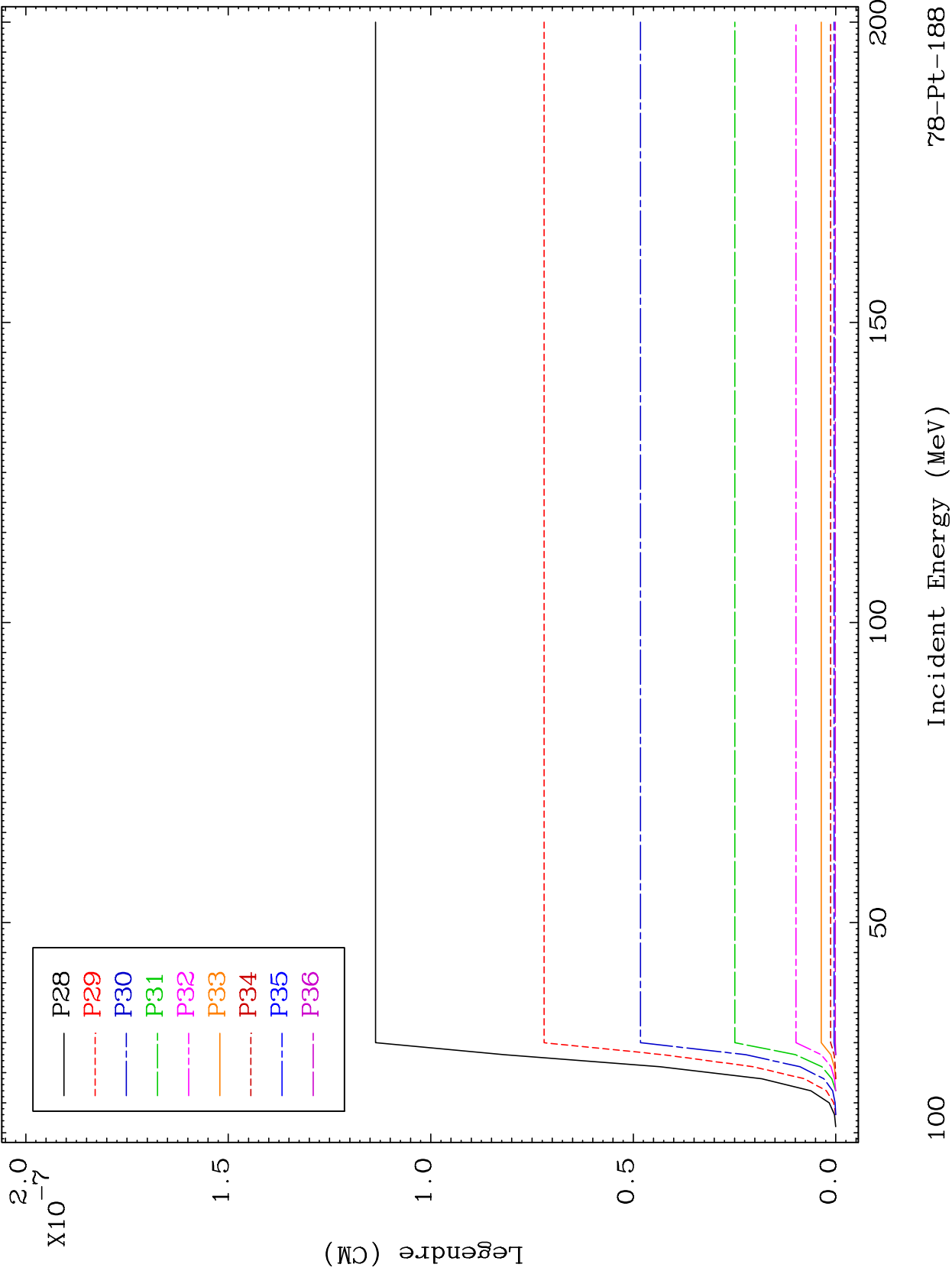
78-Pt-188

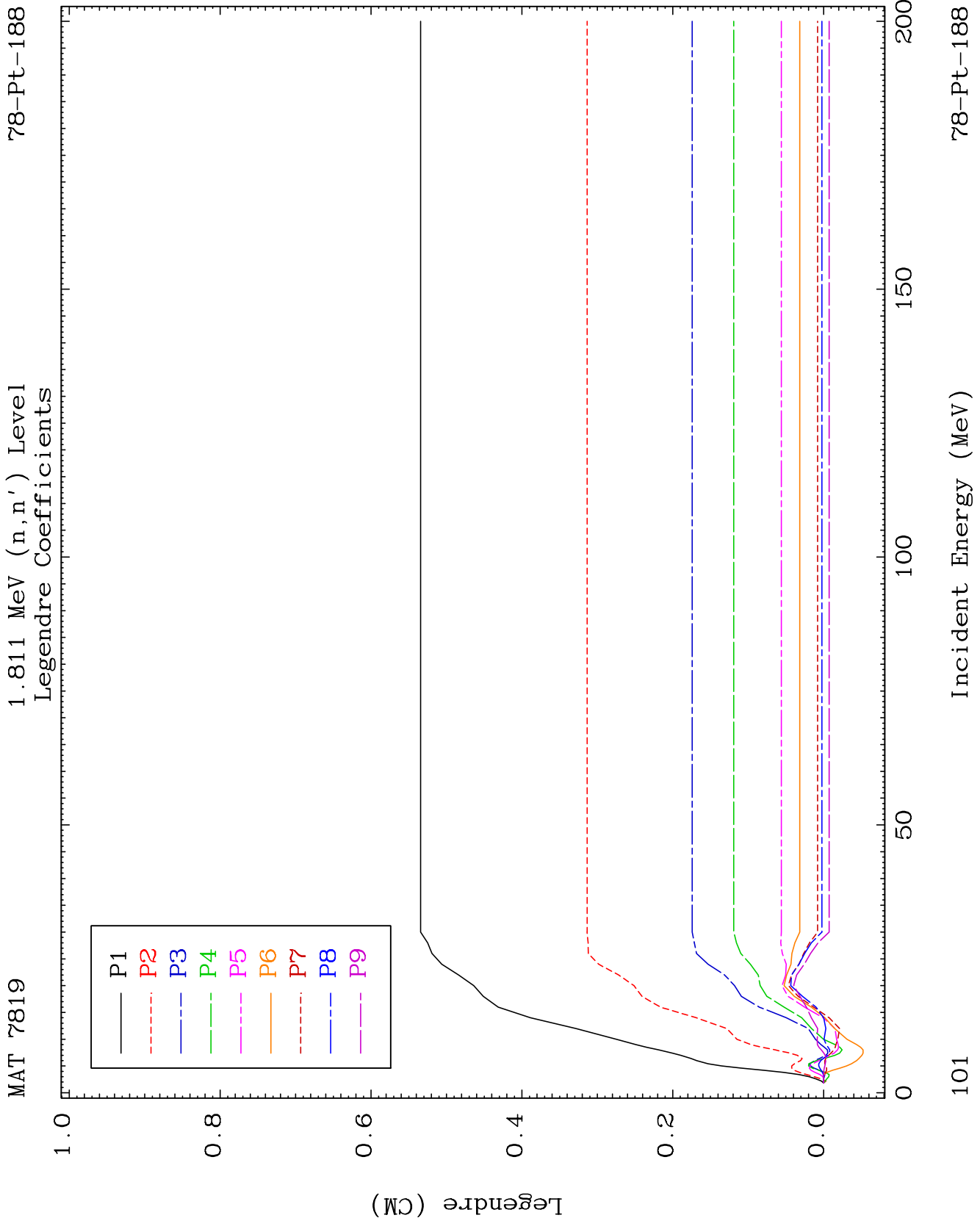


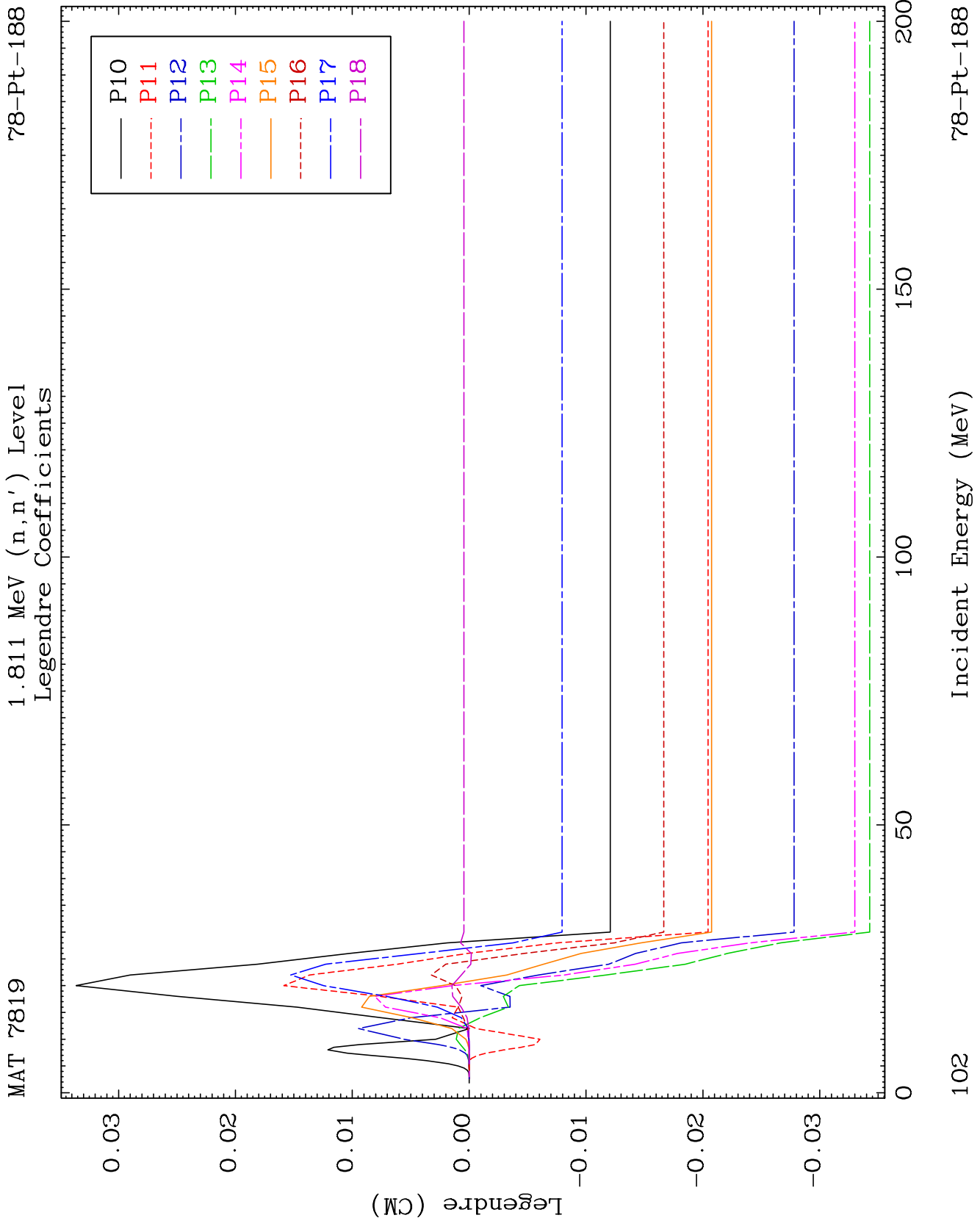
MAT 7819

1.783 MeV (n,n') Level
Legendre Coefficients

78-Pt-188



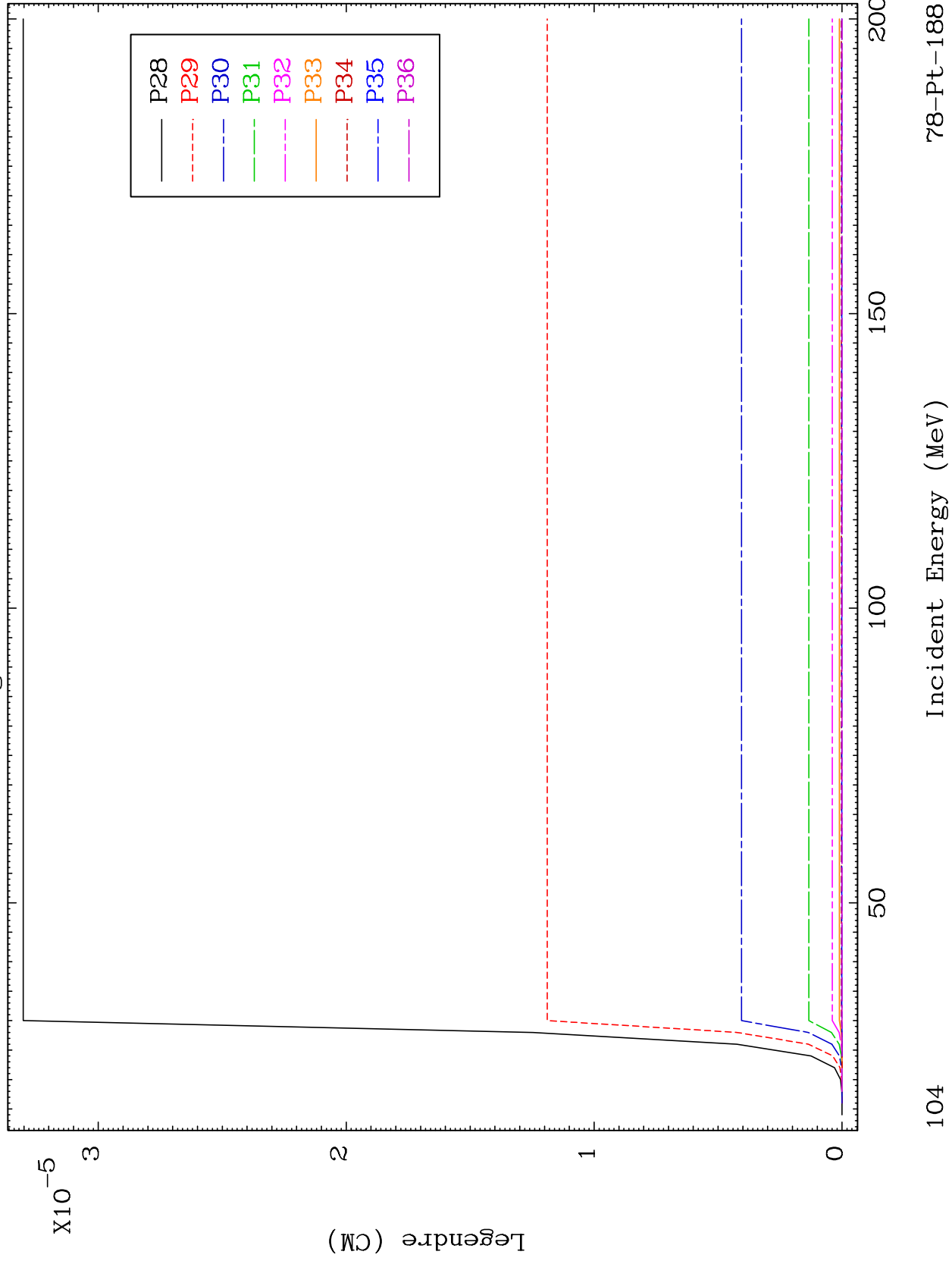




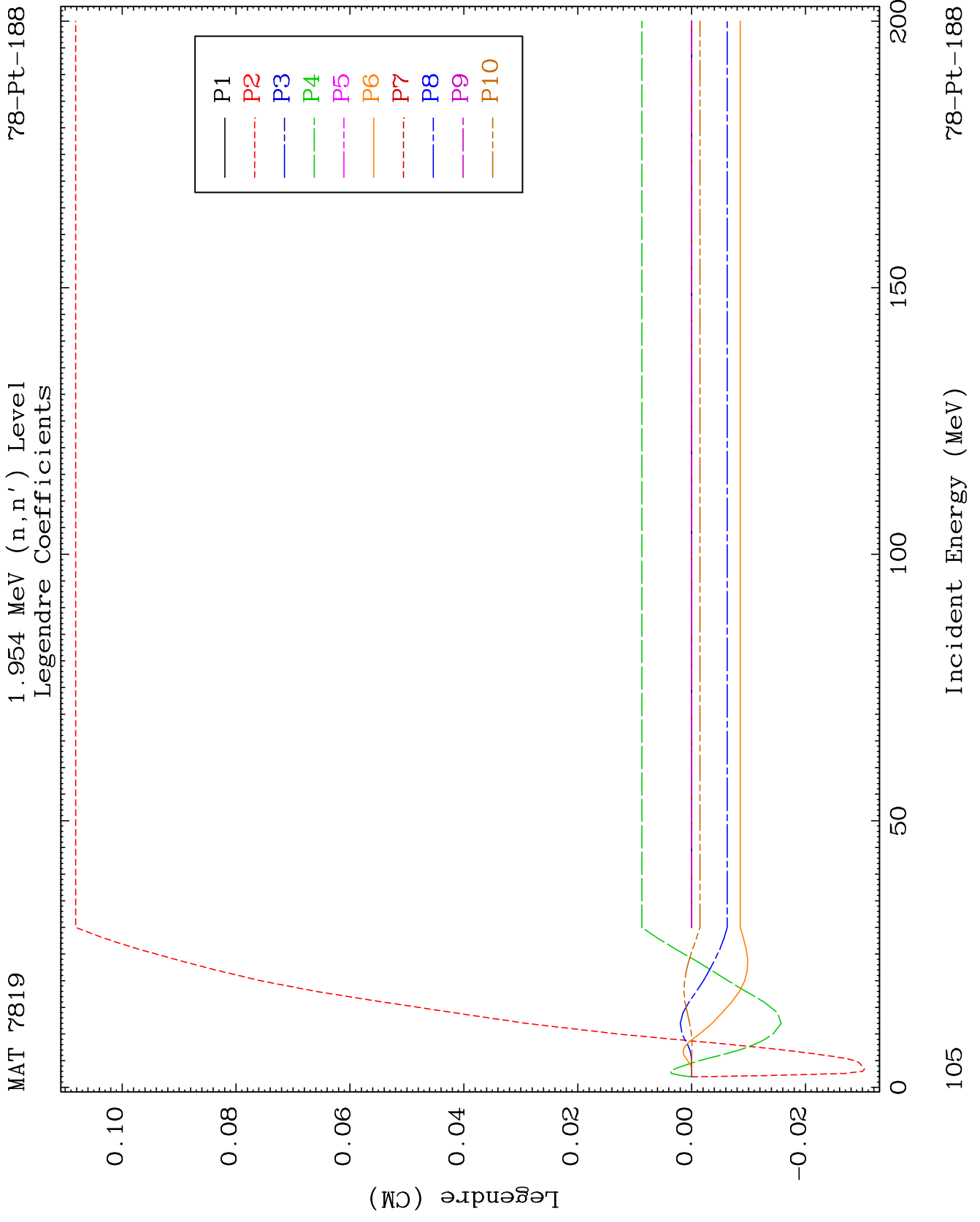
MAT 7819

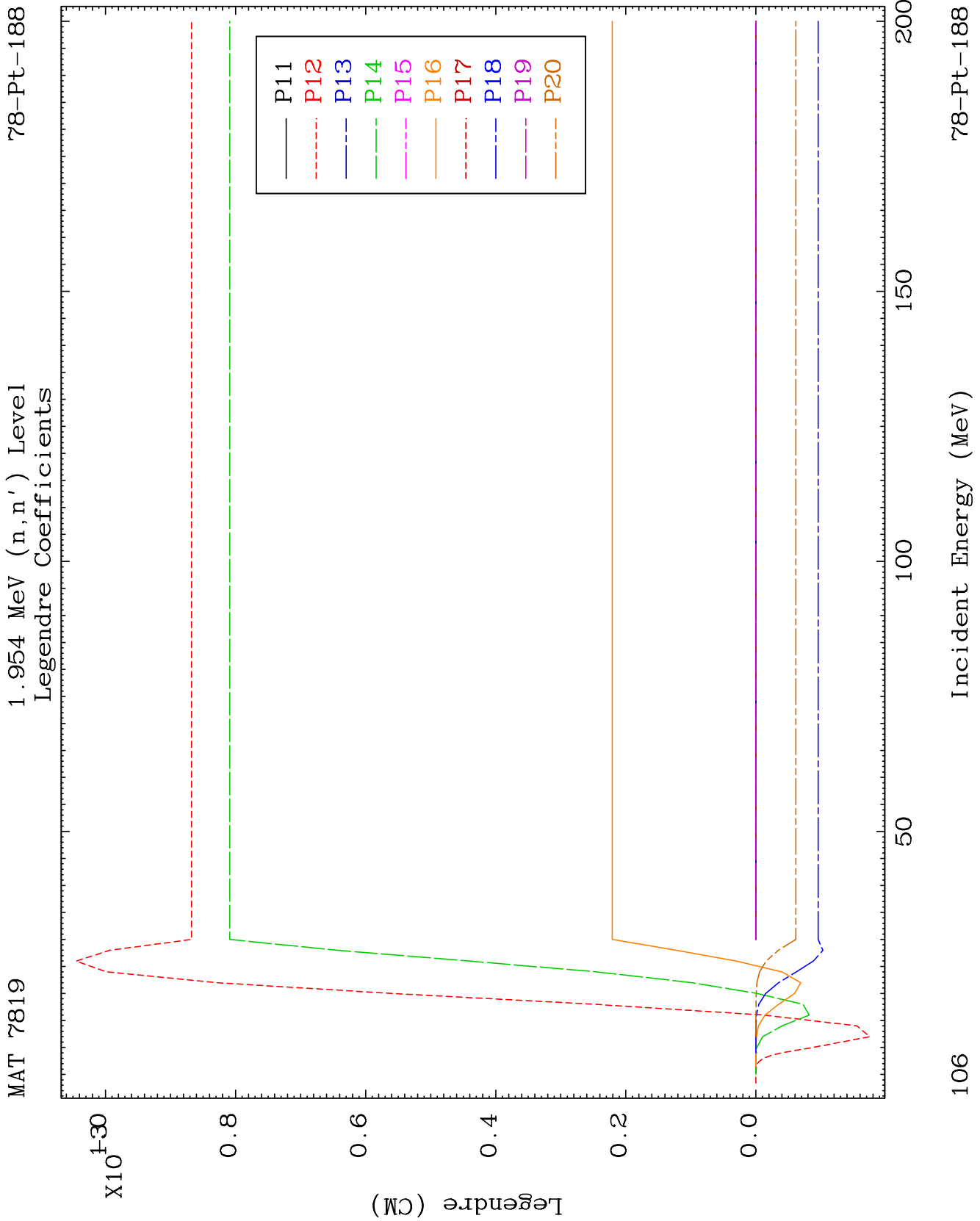
1.811 MeV (n,n') Level
Legendre Coefficients

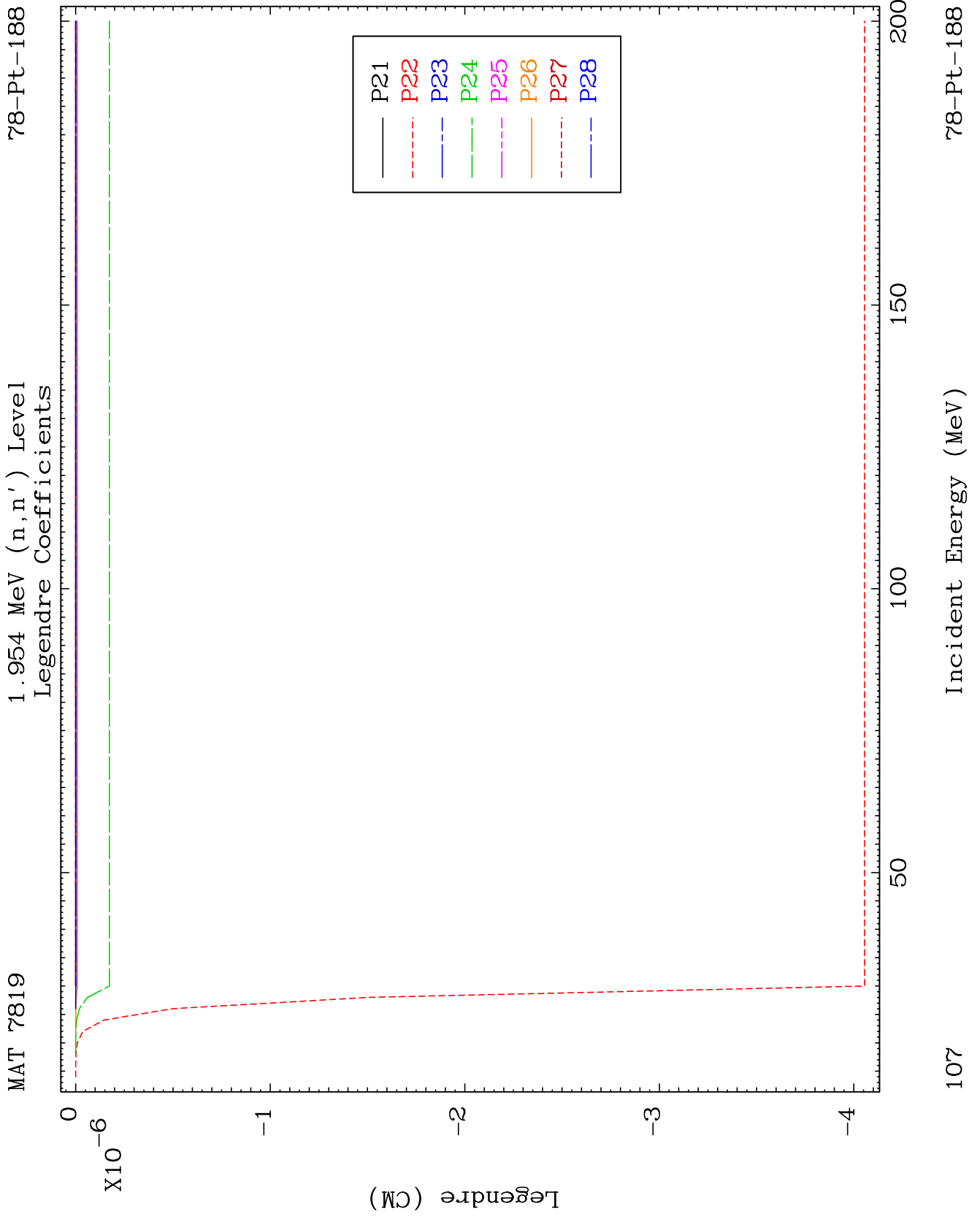
78-Pt-188

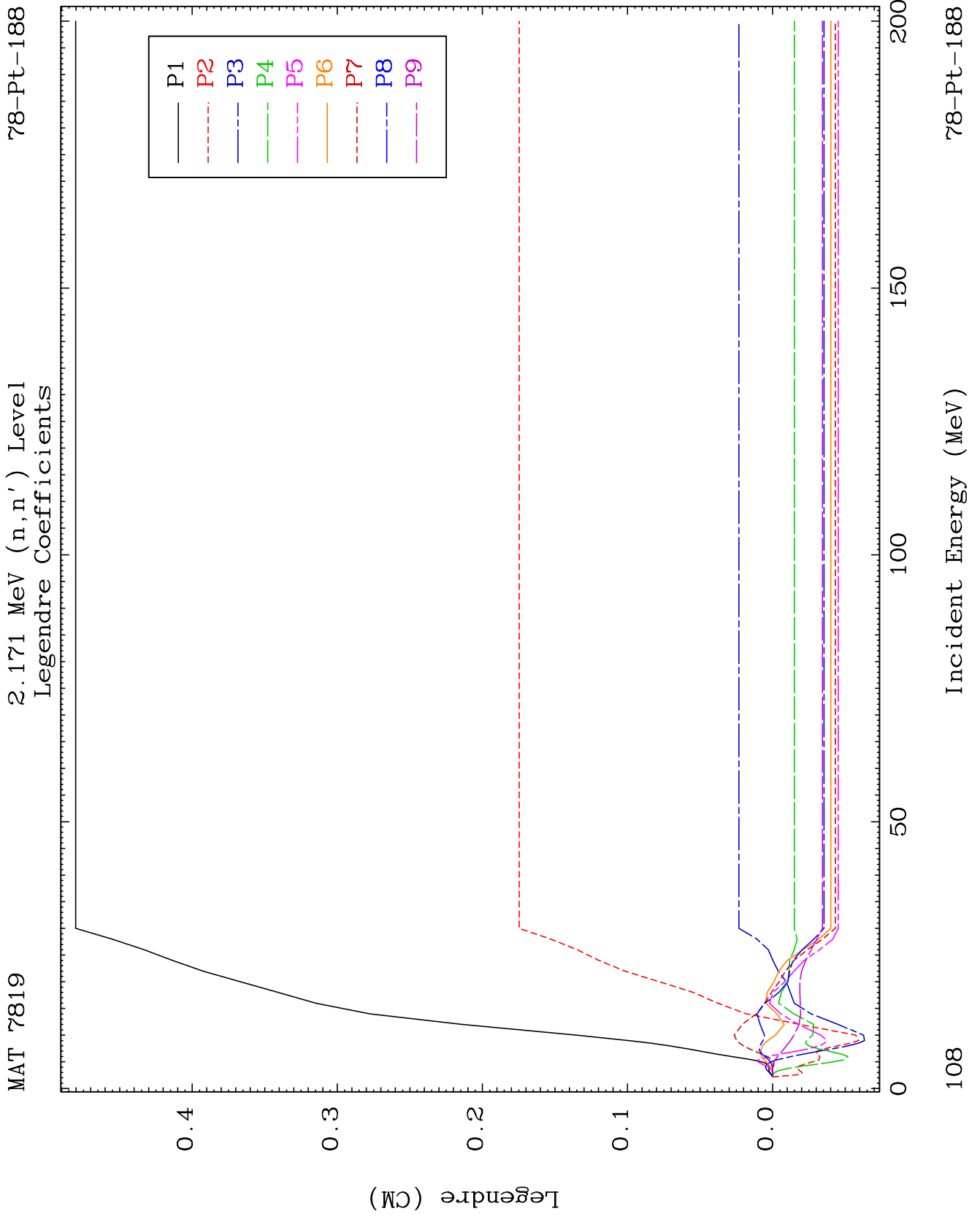


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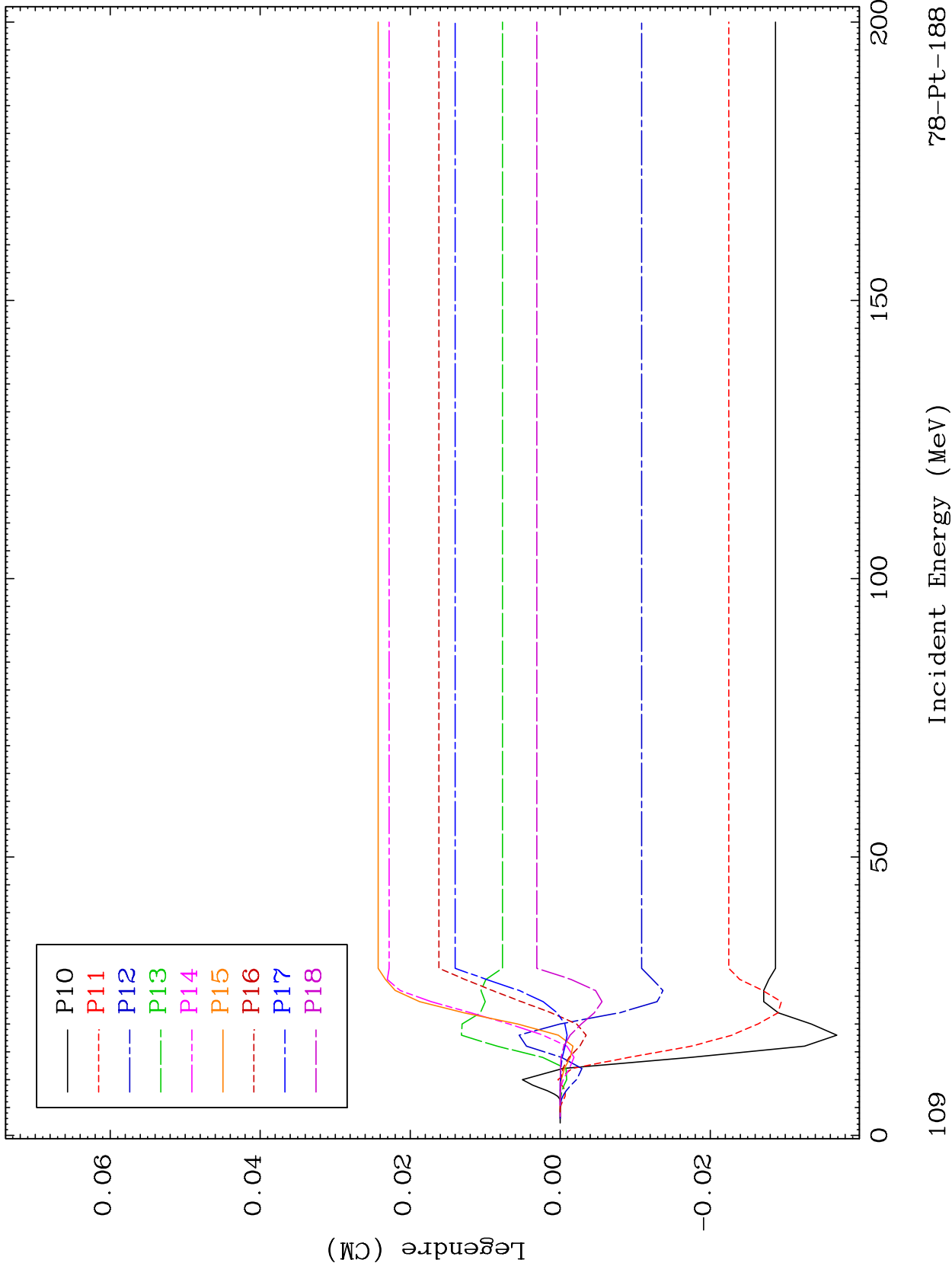




MAT 7819

2.171 MeV (n,n') Level
Legendre Coefficients

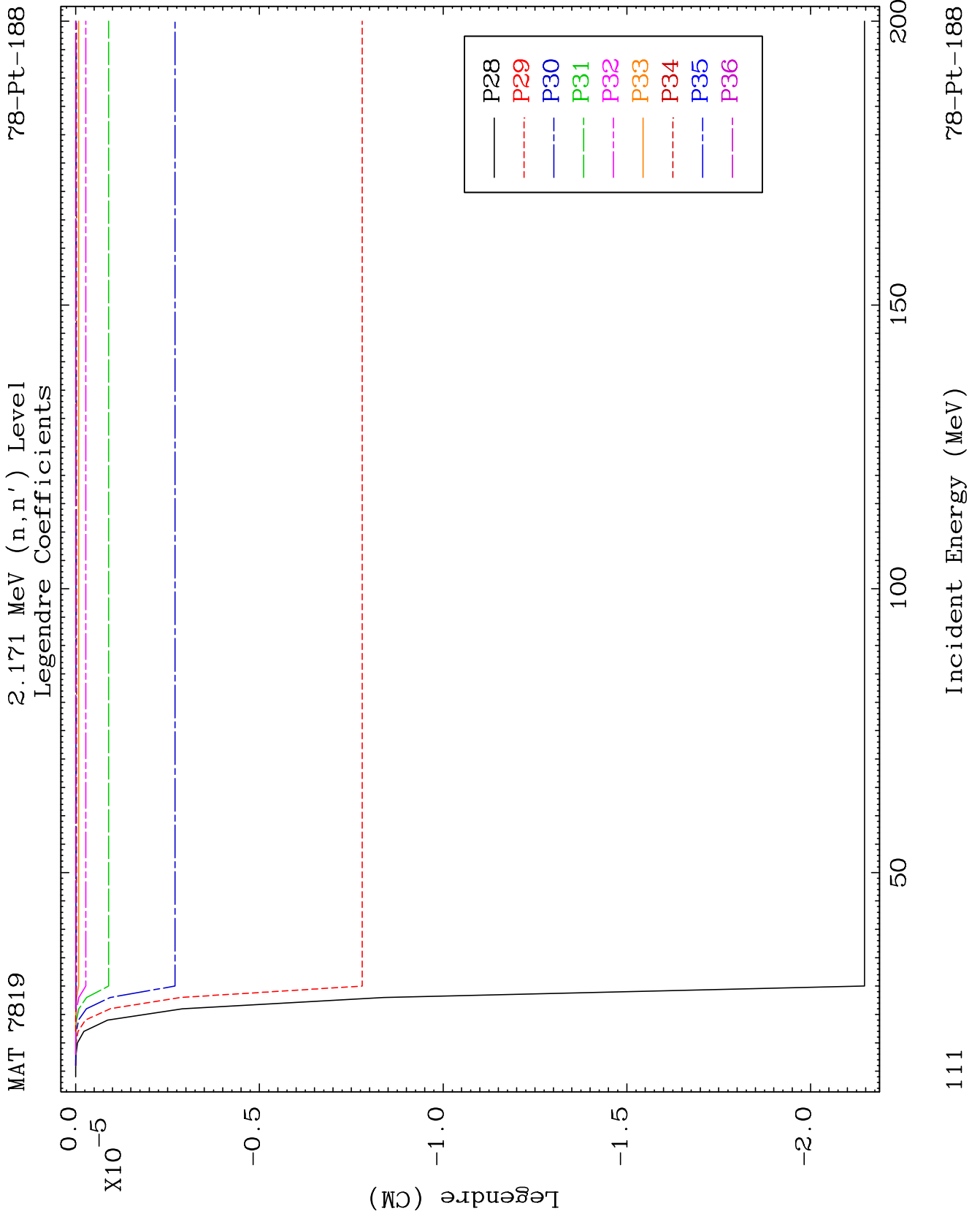
78-Pt-188



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Incident Energy (MeV)

78-Pt-188

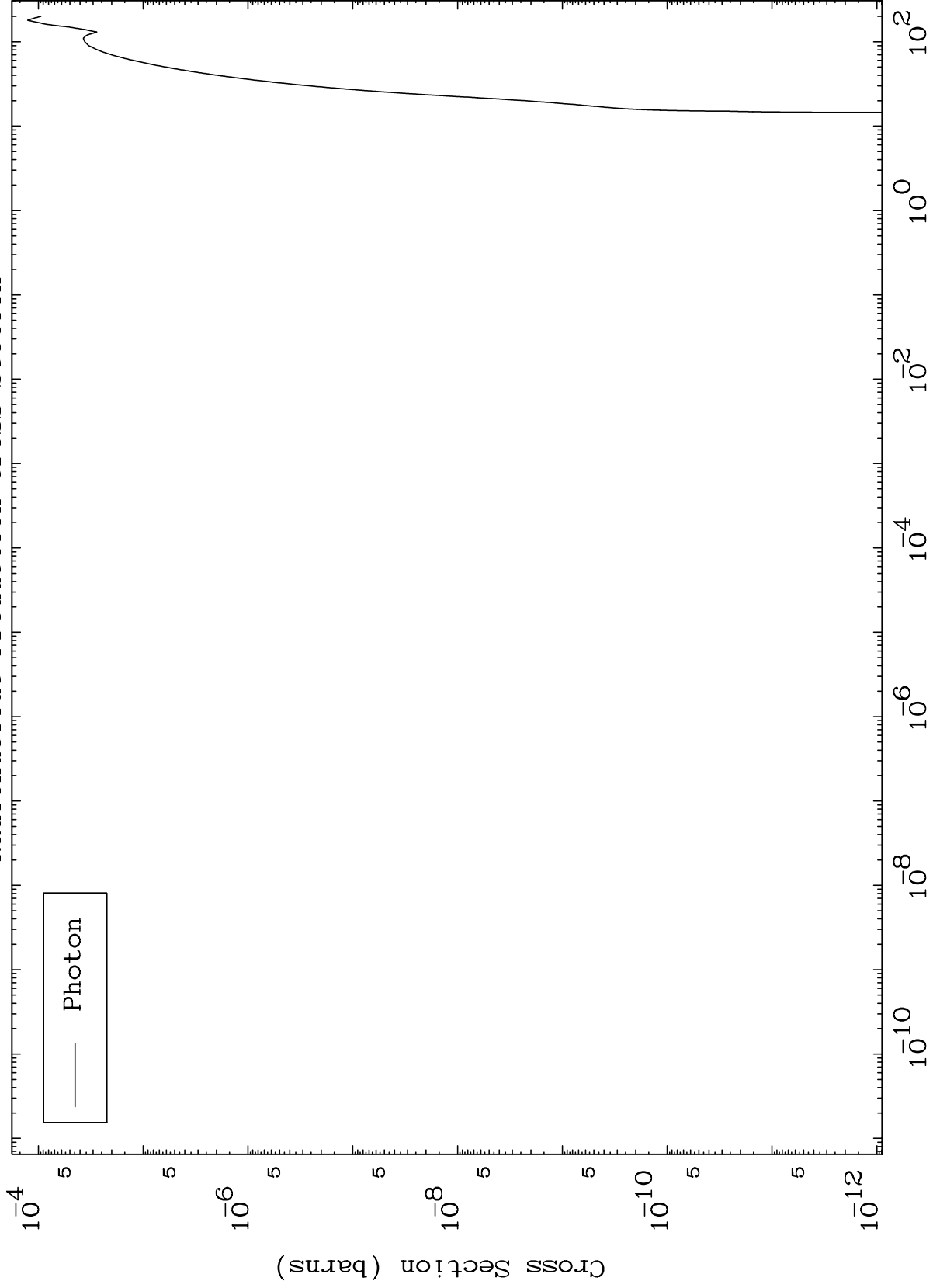


MAT 7819

Fission

78-Pt-188

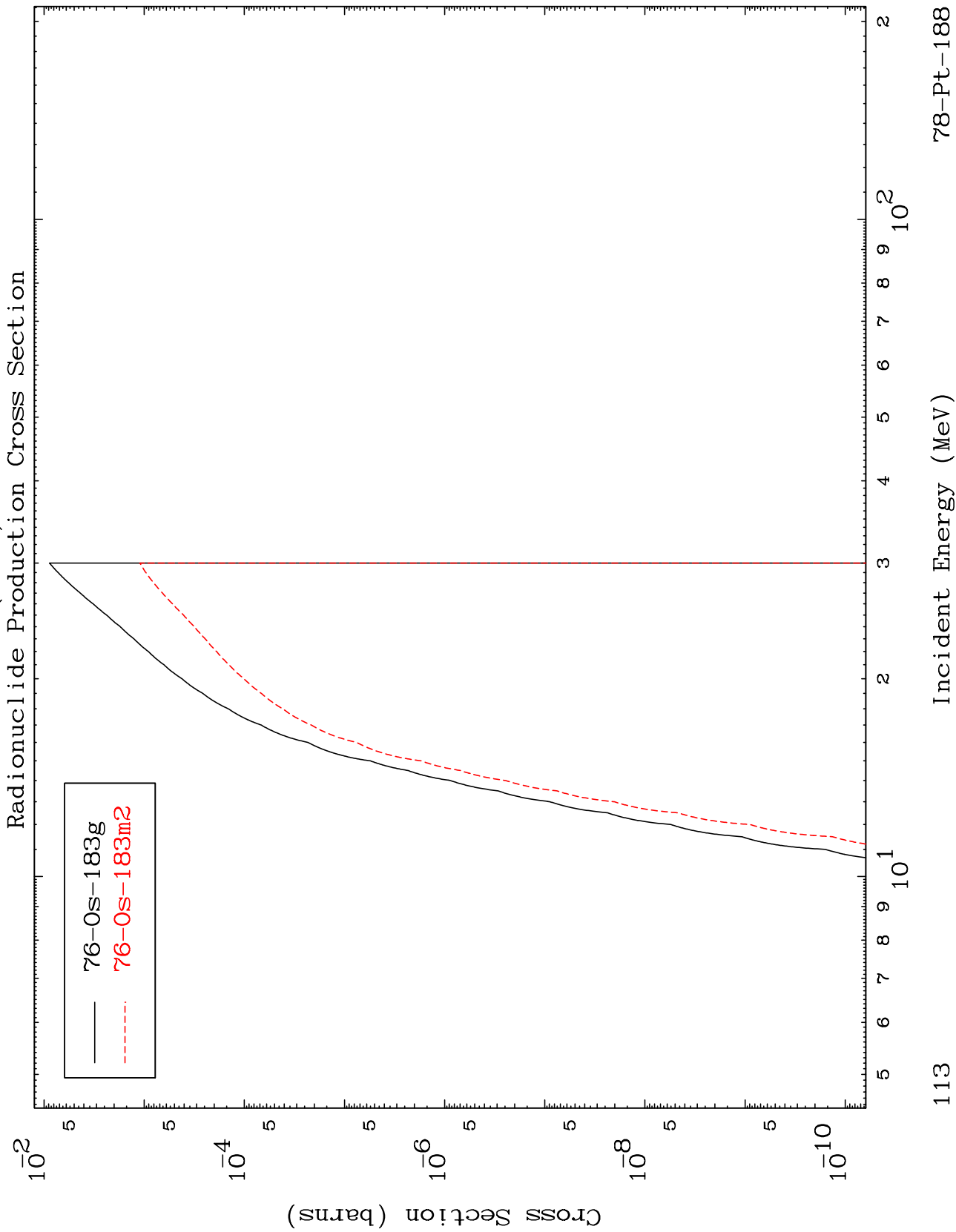
Radionuclide Production Cross Section



MAT 7819

$(n,2n) \alpha$

78-Pt-188



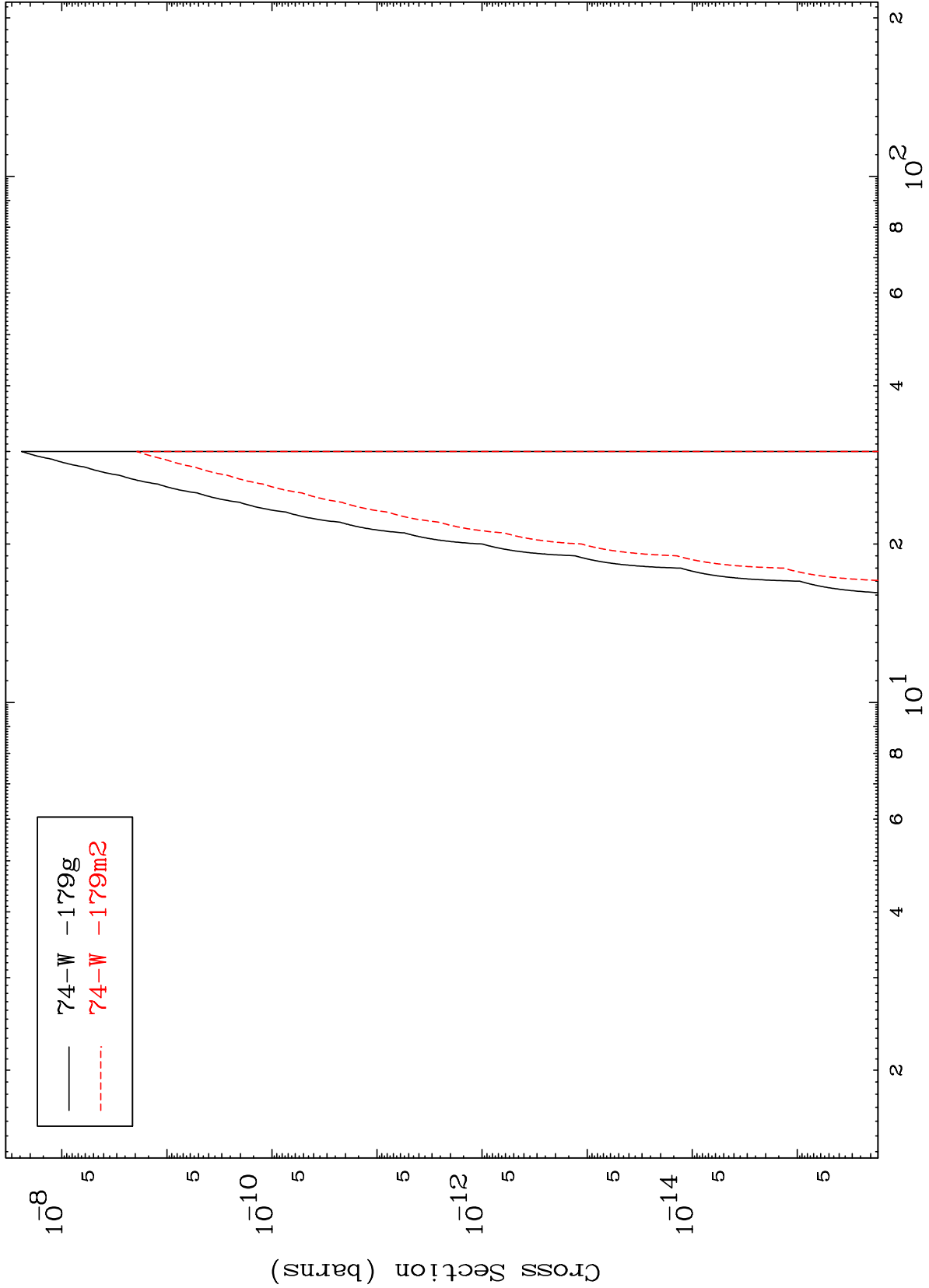
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MAT 7819

$(n,2n) 2\alpha$

78-Pt-188

Radionuclide Production Cross Section



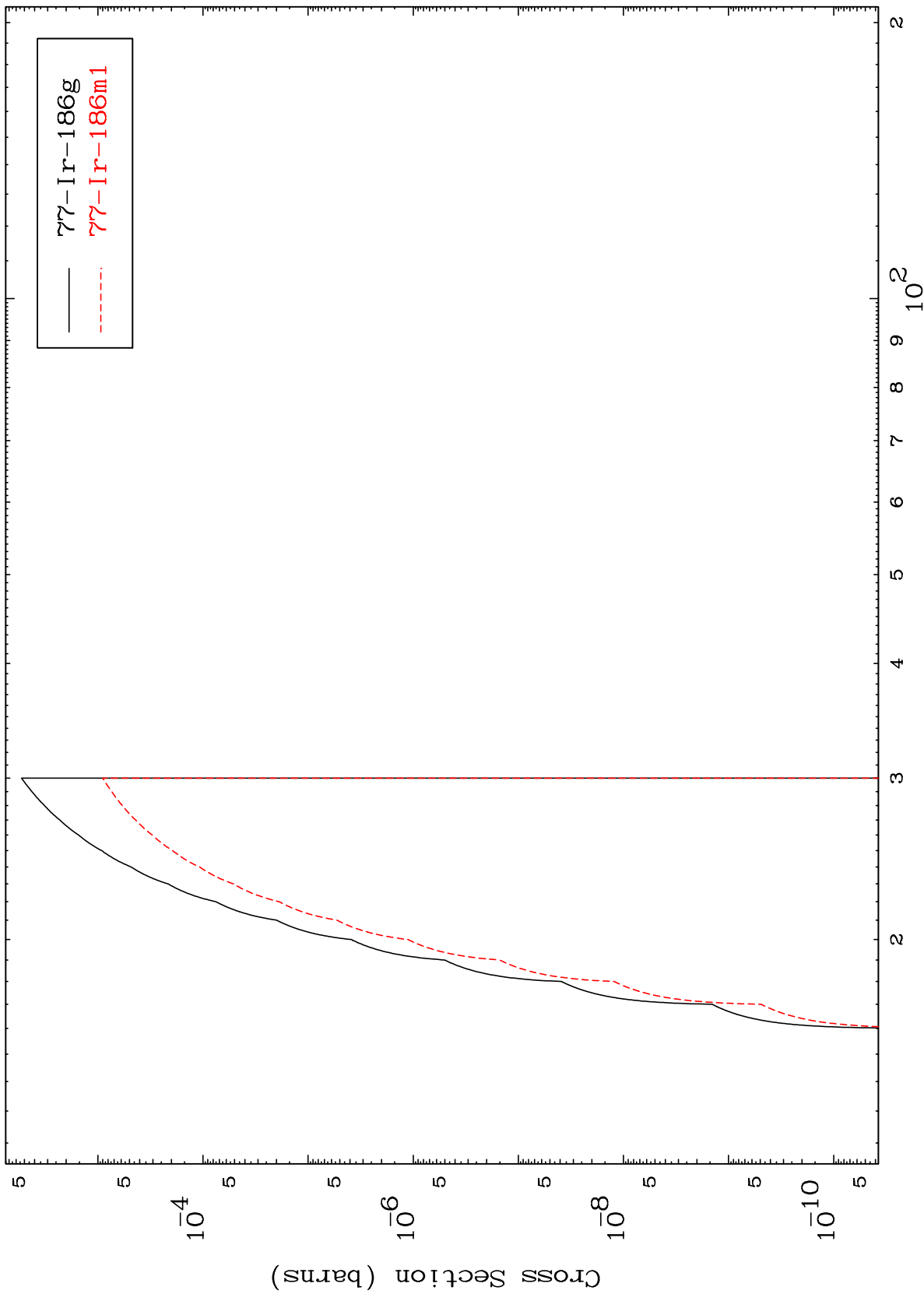
74-W -179g
74-W -179m2

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Incident Energy (MeV)

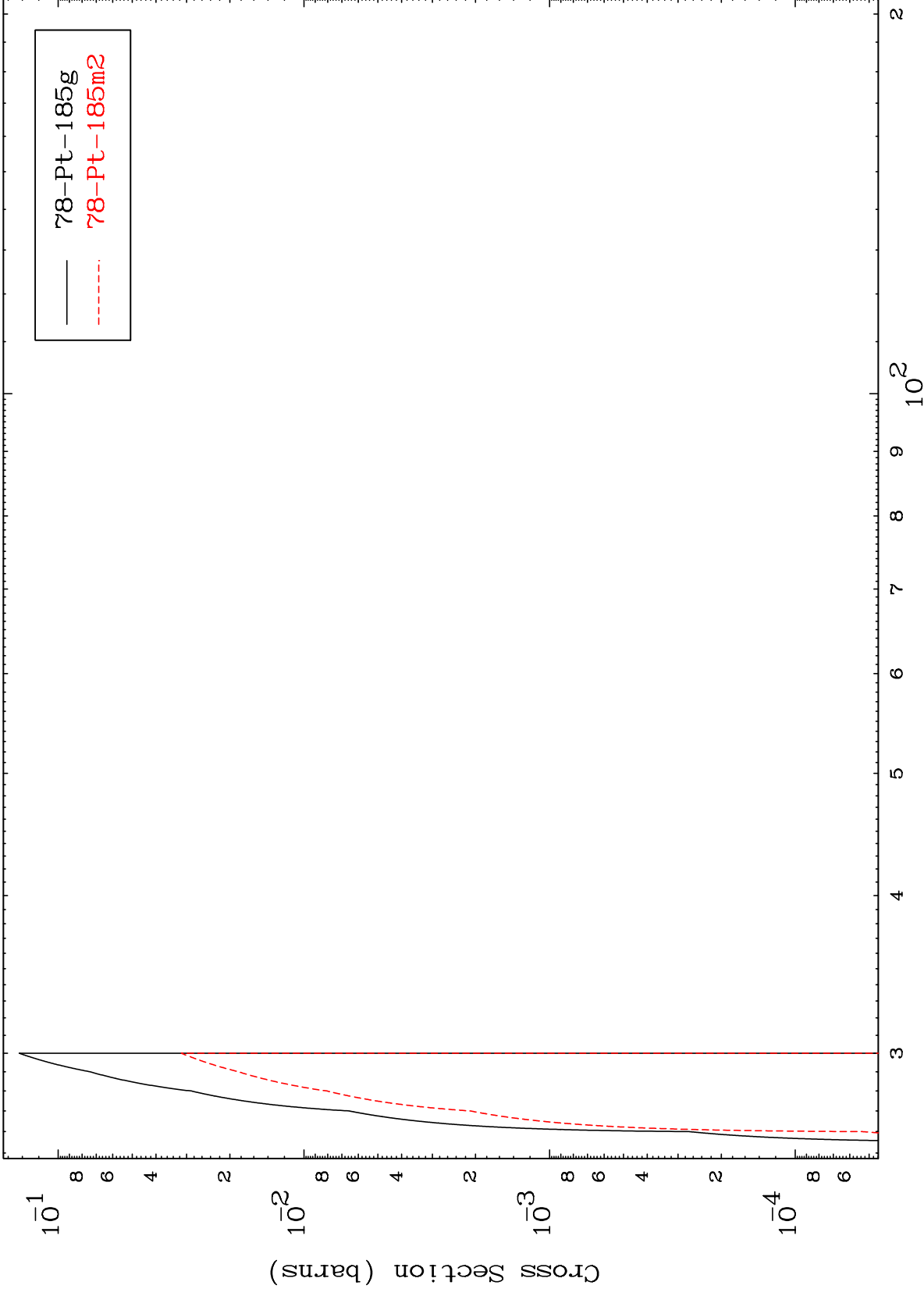
78-Pt-188

Radionuclide Production Cross Section



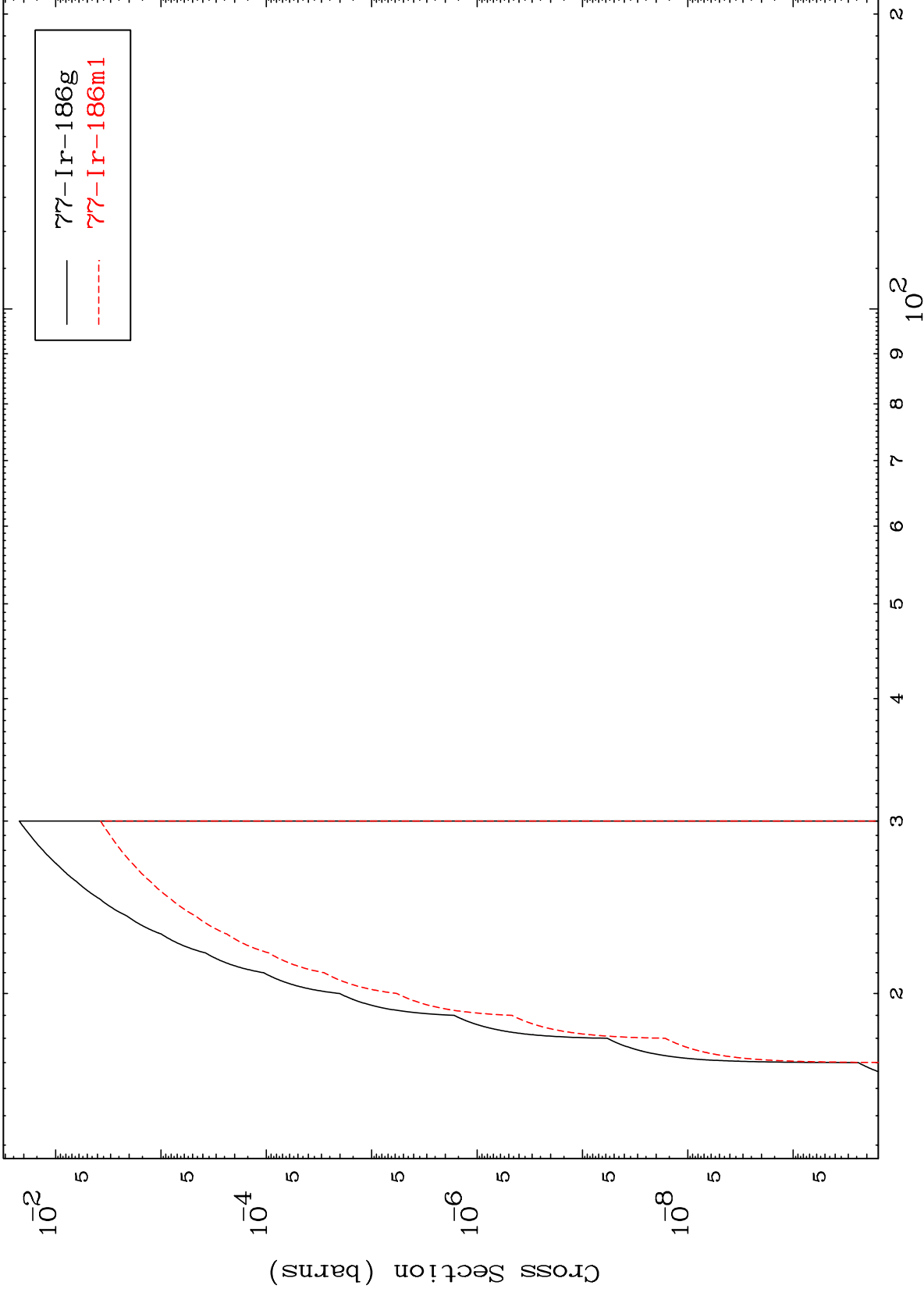
— $^{77}\text{Ir-186g}$
- - - $^{77}\text{Ir-186m1}$

Radionuclide Production Cross Section



78-Pt-185g
78-Pt-185m2

Radionuclide Production Cross Section

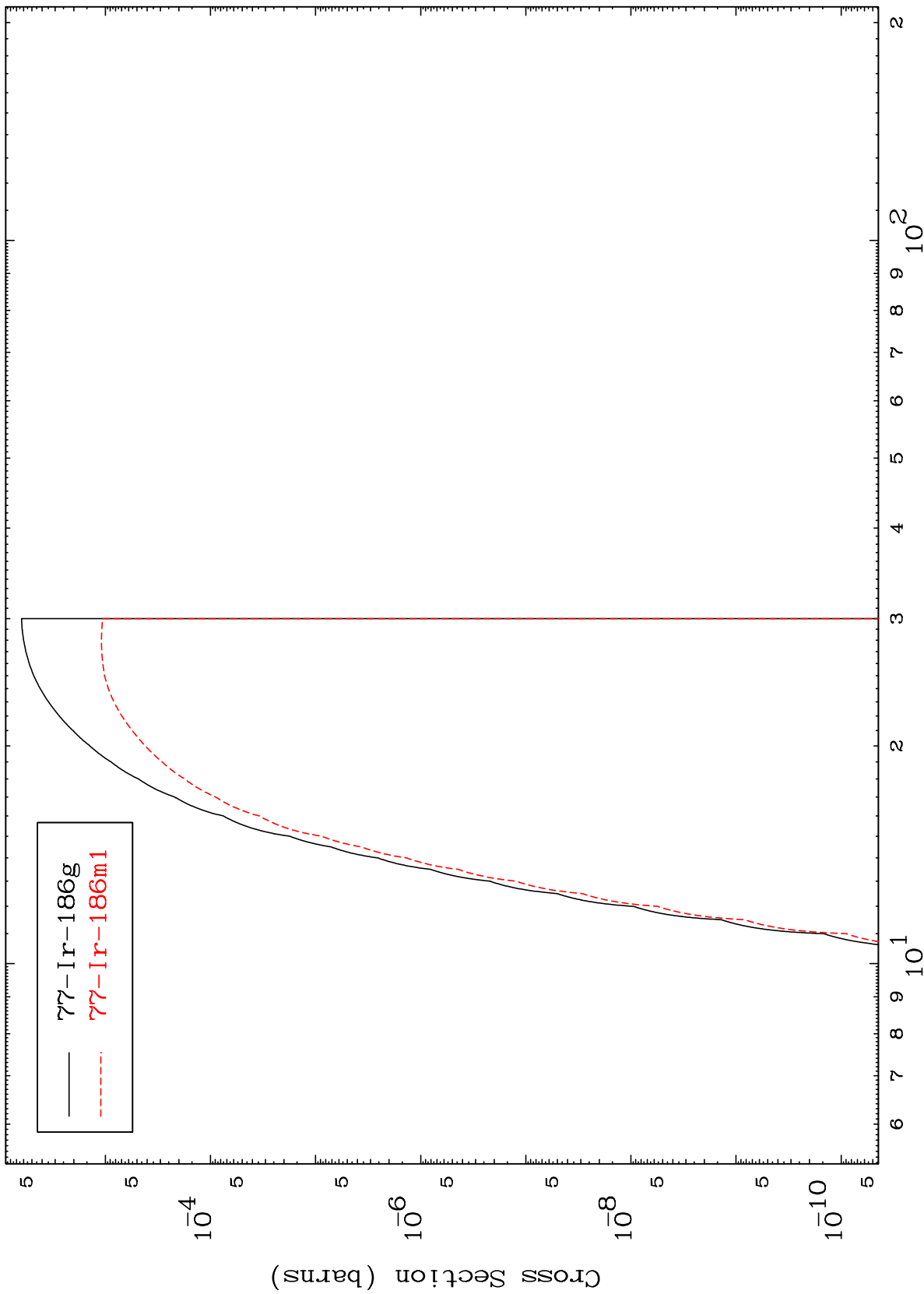


77-Ir-186g
77-Ir-186m1

MAT 7819

78-Pt-188

(n, t)
Radionuclide Production Cross Section



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Incident Energy (MeV)

78-Pt-188

MAT 7819

(n,p) α

78-Pt-188

Radionuclide Production Cross Section

