

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

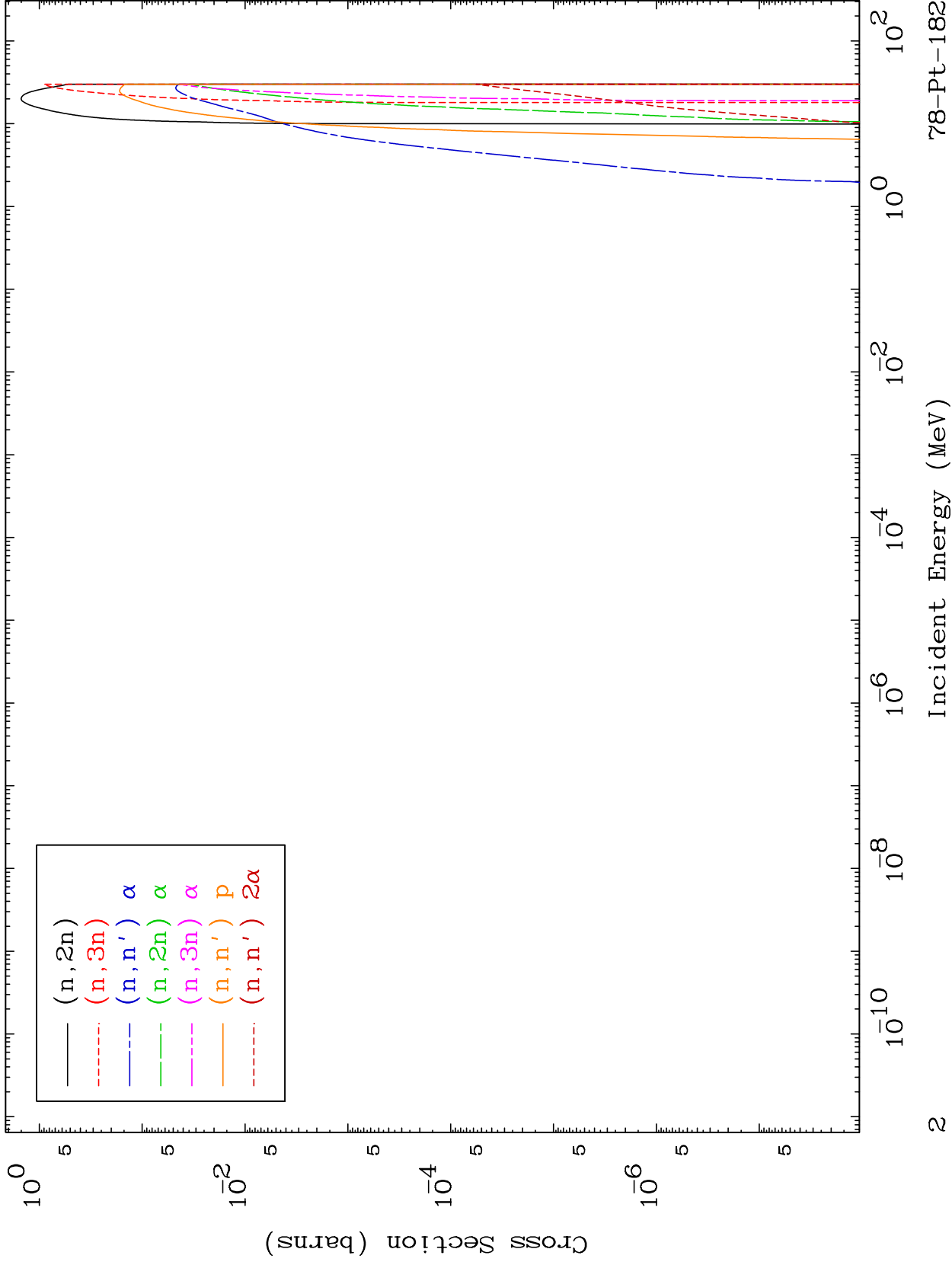
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7801

Neutron Production
293 Kelvin Cross Sections

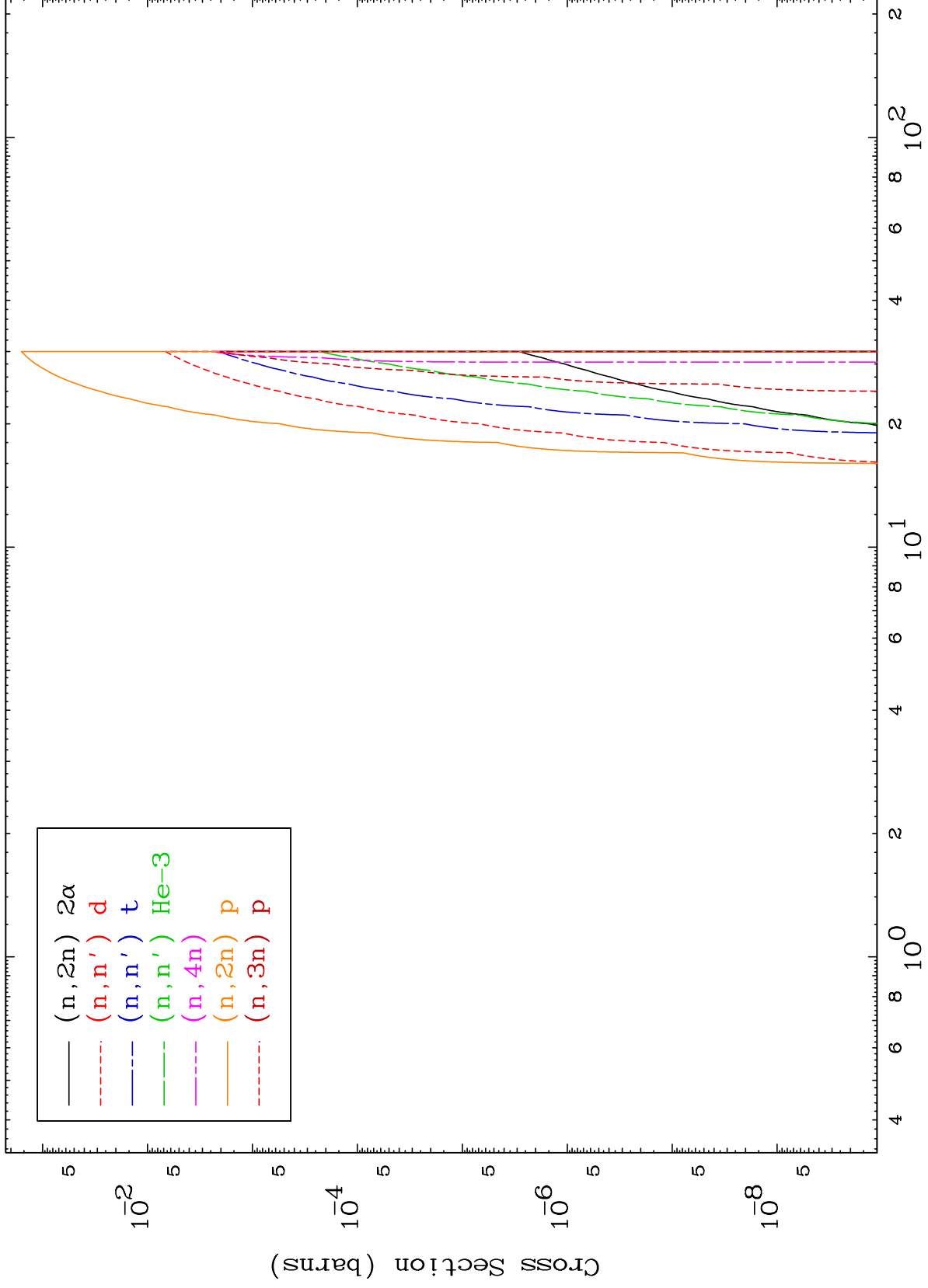
78-Pt-182



MAT 7801

Neutron Production
293 Kelvin Cross Sections

78-Pt-182



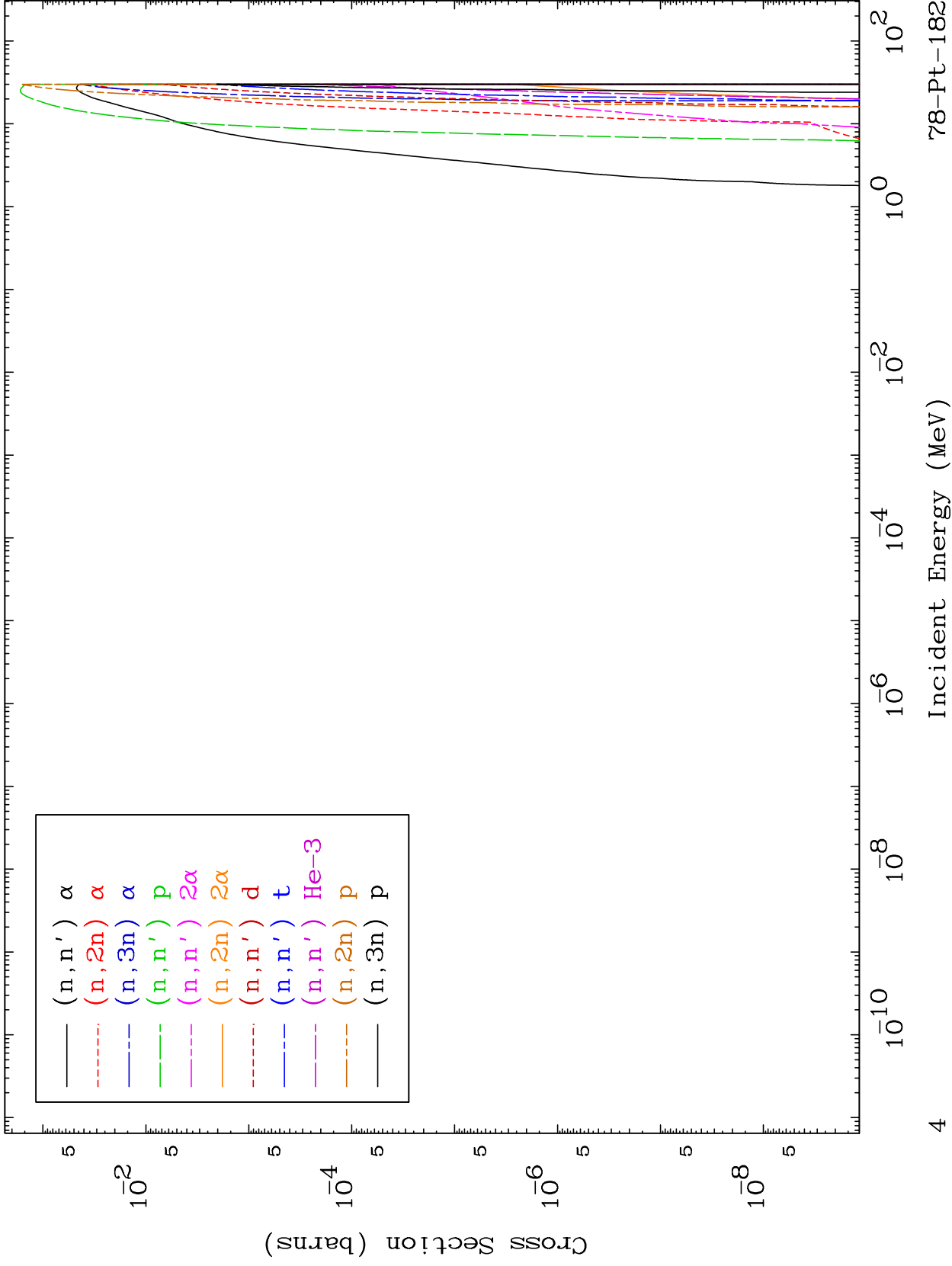
Incident Energy (MeV)

78-Pt-182

MAT 7801

Charged Particle
293 Kelvin Cross Sections

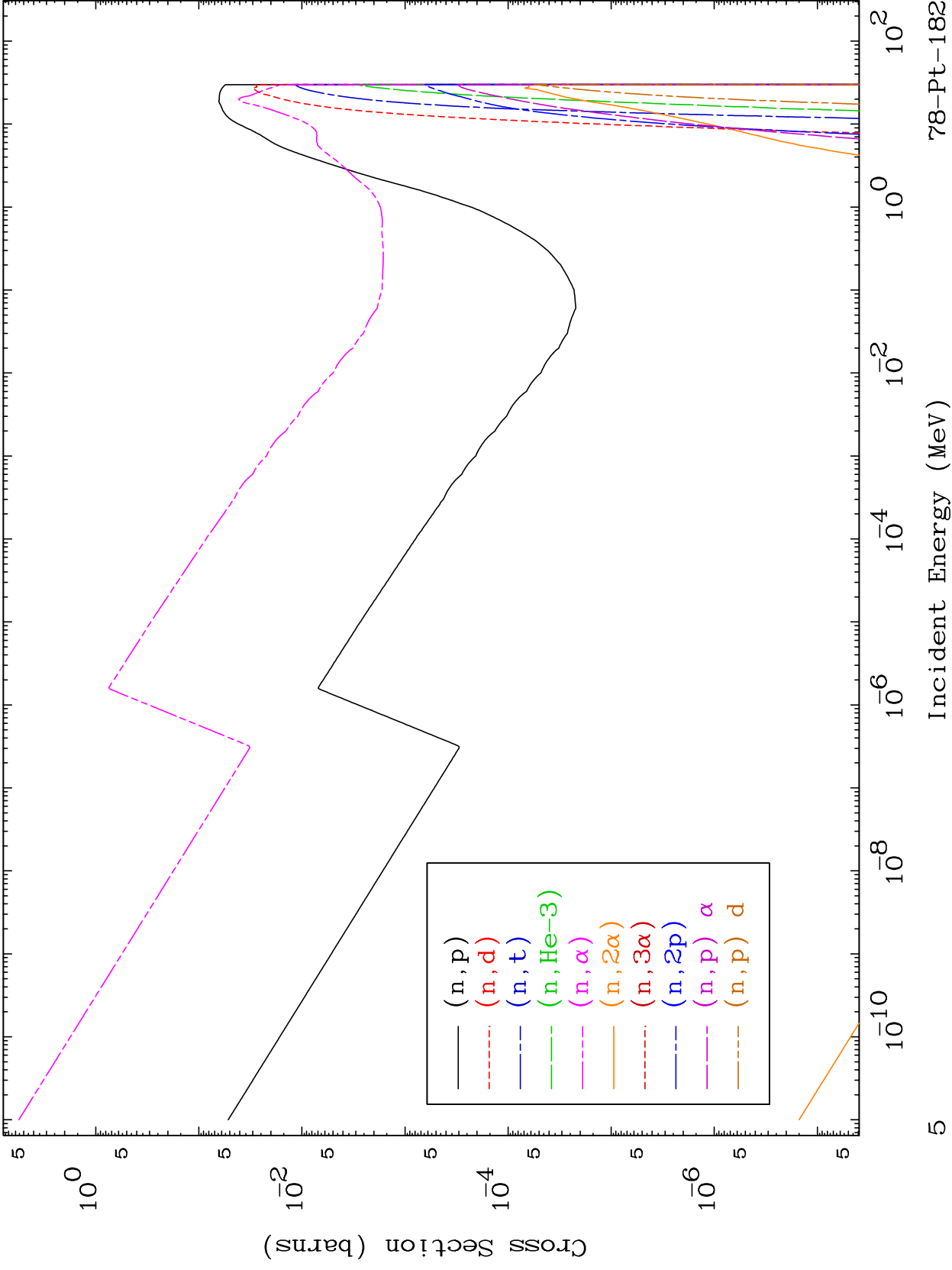
78-Pt-182



MAT 7801

Charged Particle
293 Kelvin Cross Sections

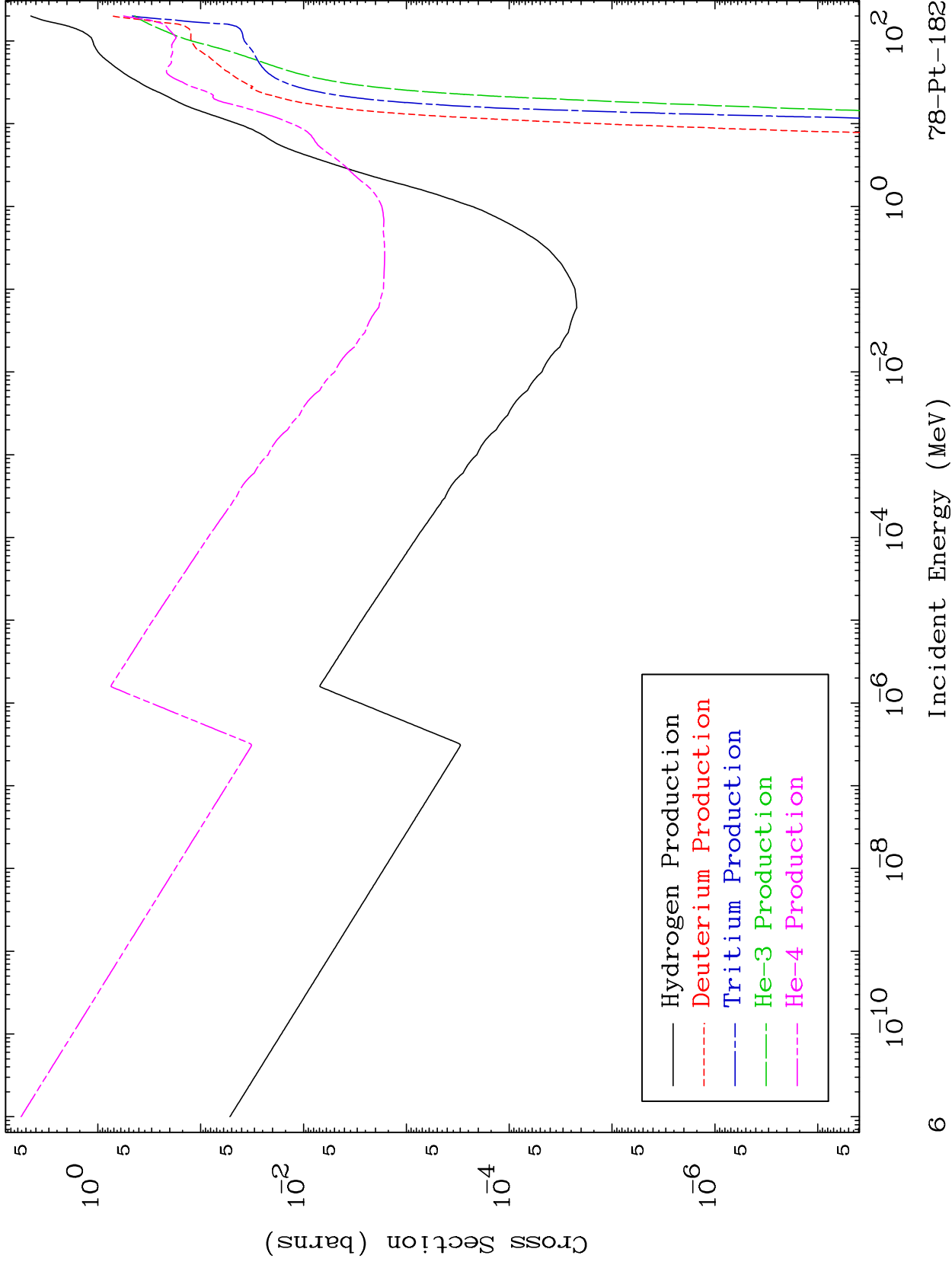
78-Pt-182



MAT 7801

Particle Production
293 Kelvin Cross Sections

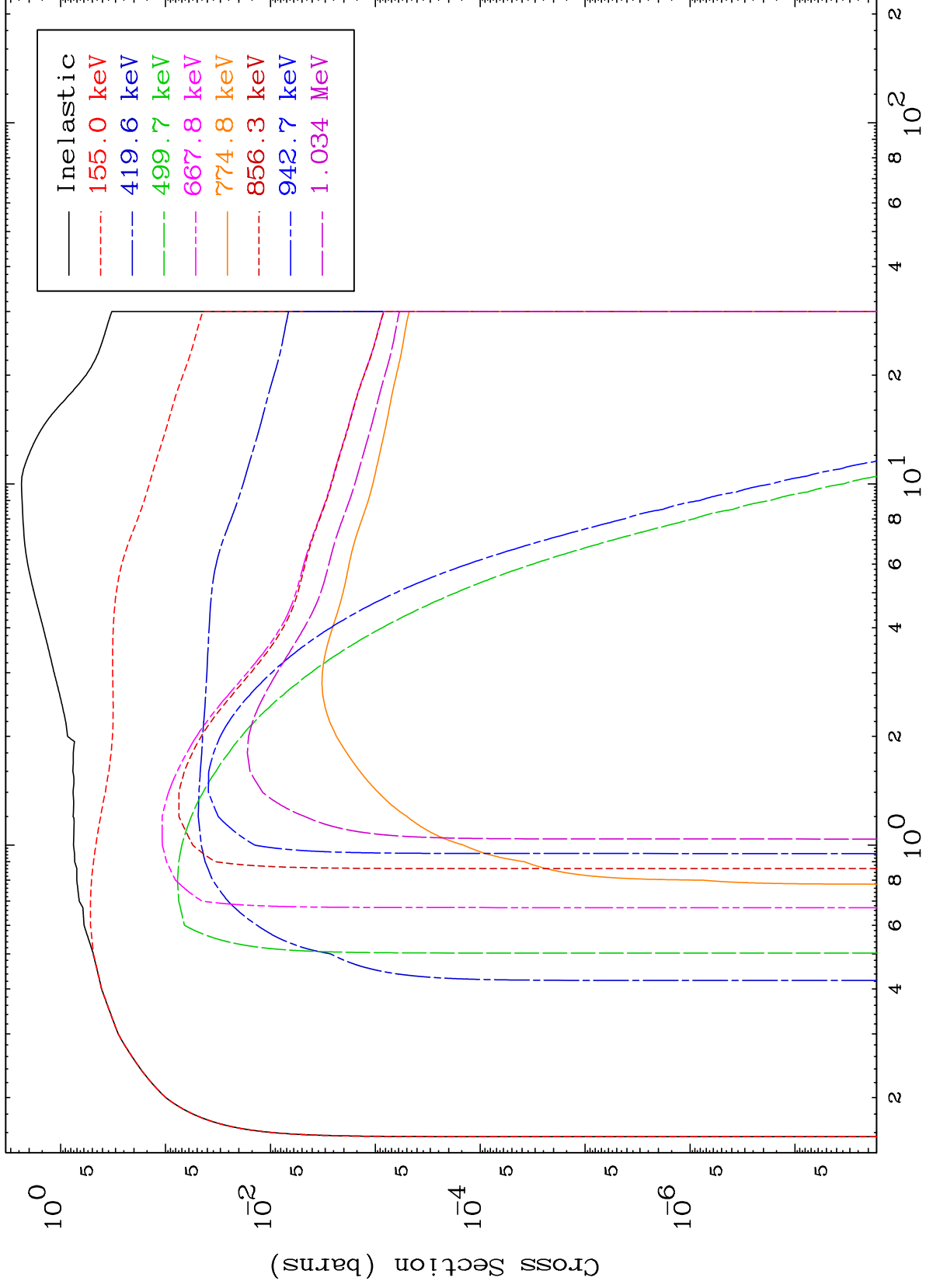
78-Pt-182



MAT 7801

(n,n') Level
293 Kelvin Cross Sections

78-Pt-182



7

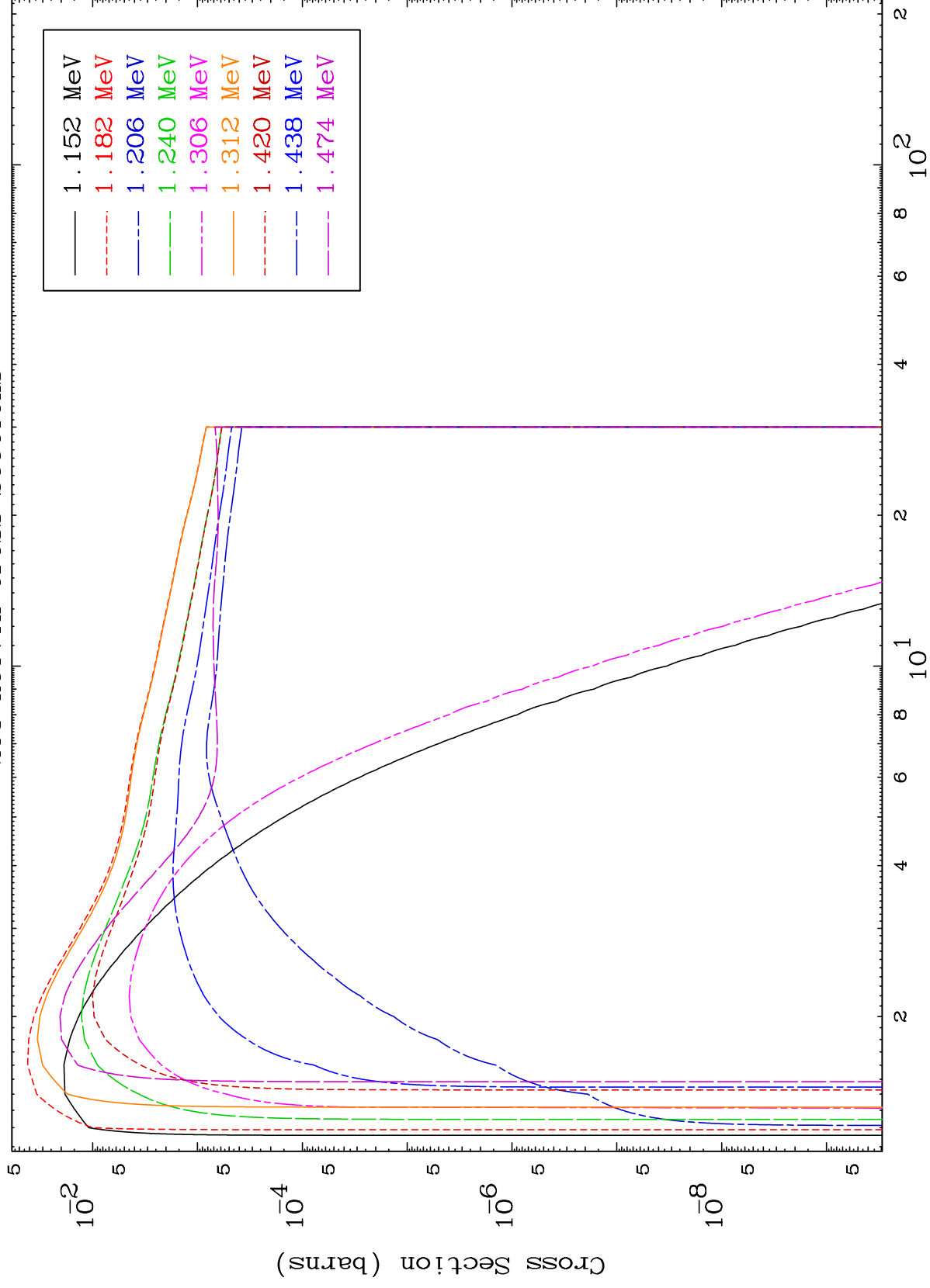
Incident Energy (MeV)

78-Pt-182

MAT 7801

(n,n') Level
293 Kelvin Cross Sections

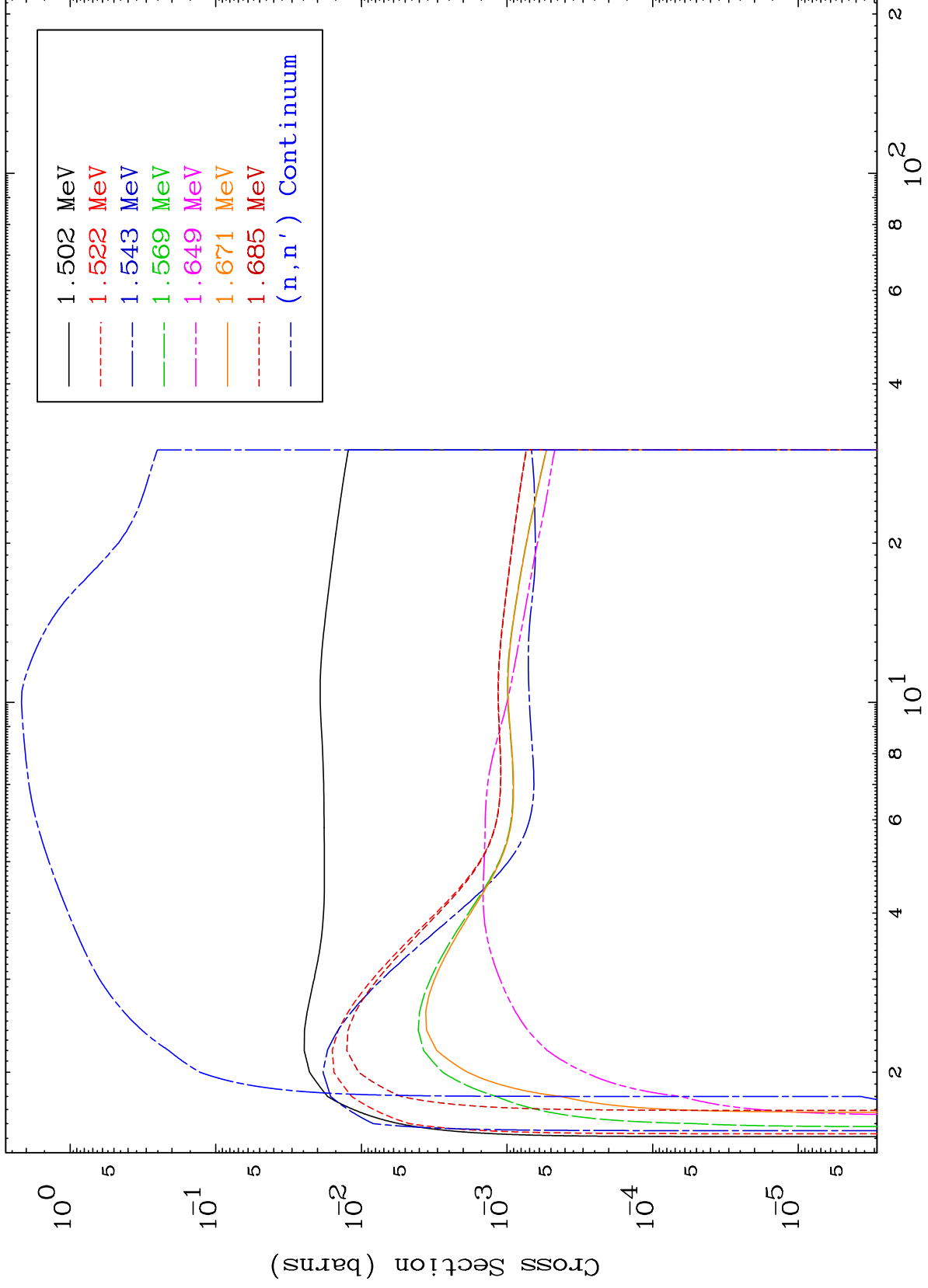
78-Pt-182



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Incident Energy (MeV)

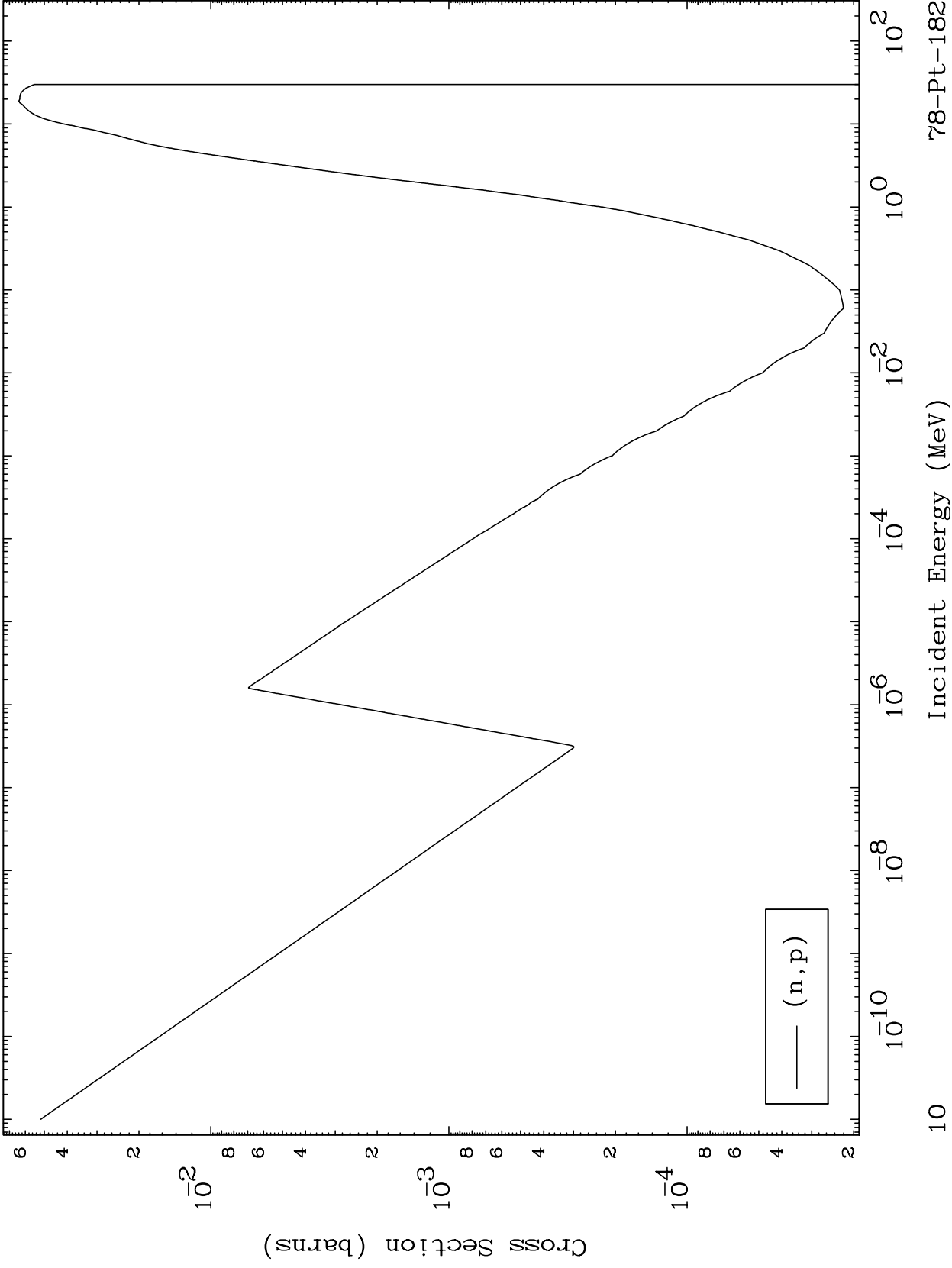
78-Pt-182



MAT 7801

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-182



10

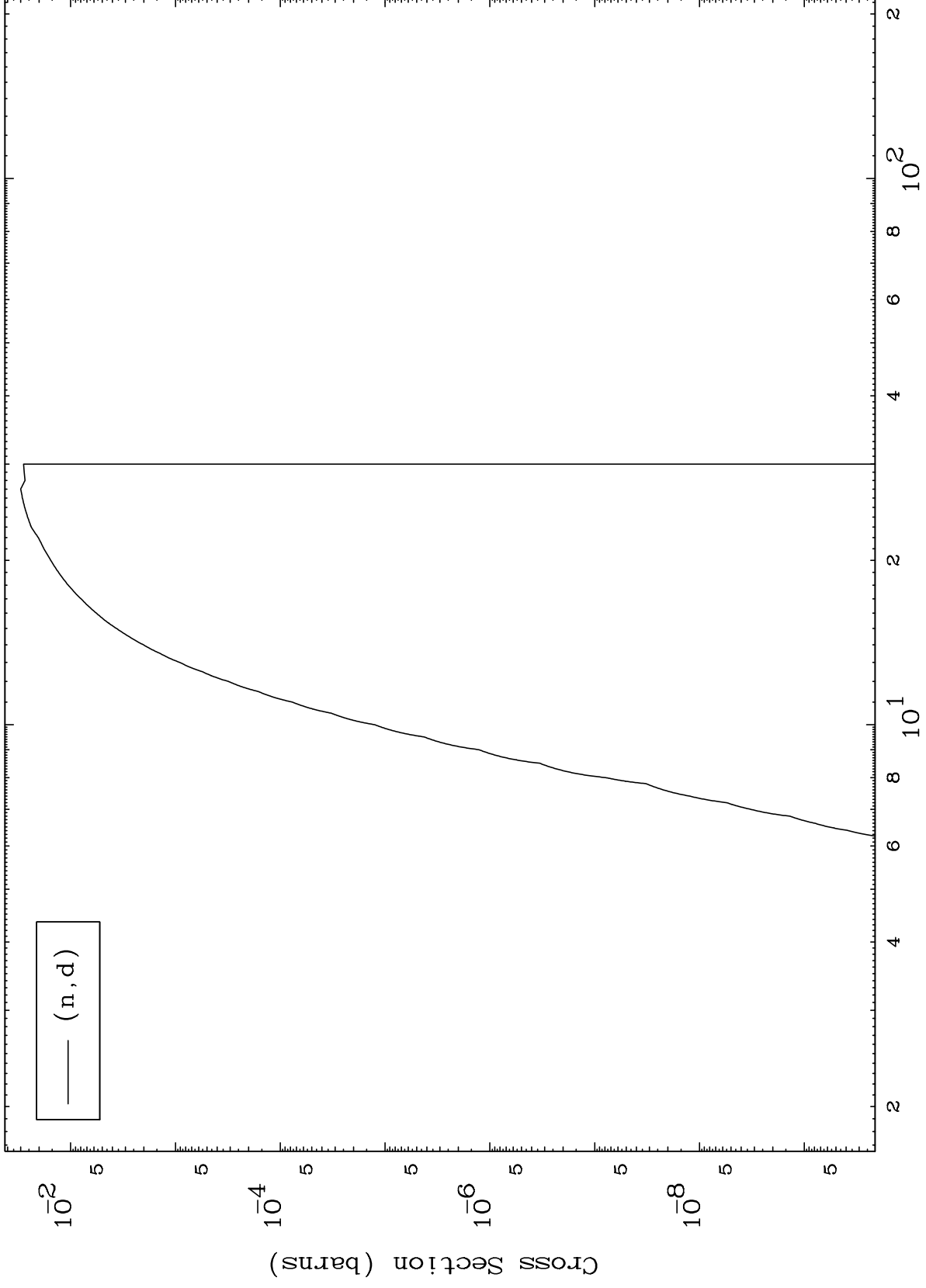
Incident Energy (MeV)

78-Pt-182

MAT 7801

(n,d) Levels
293 Kelvin Cross Sections

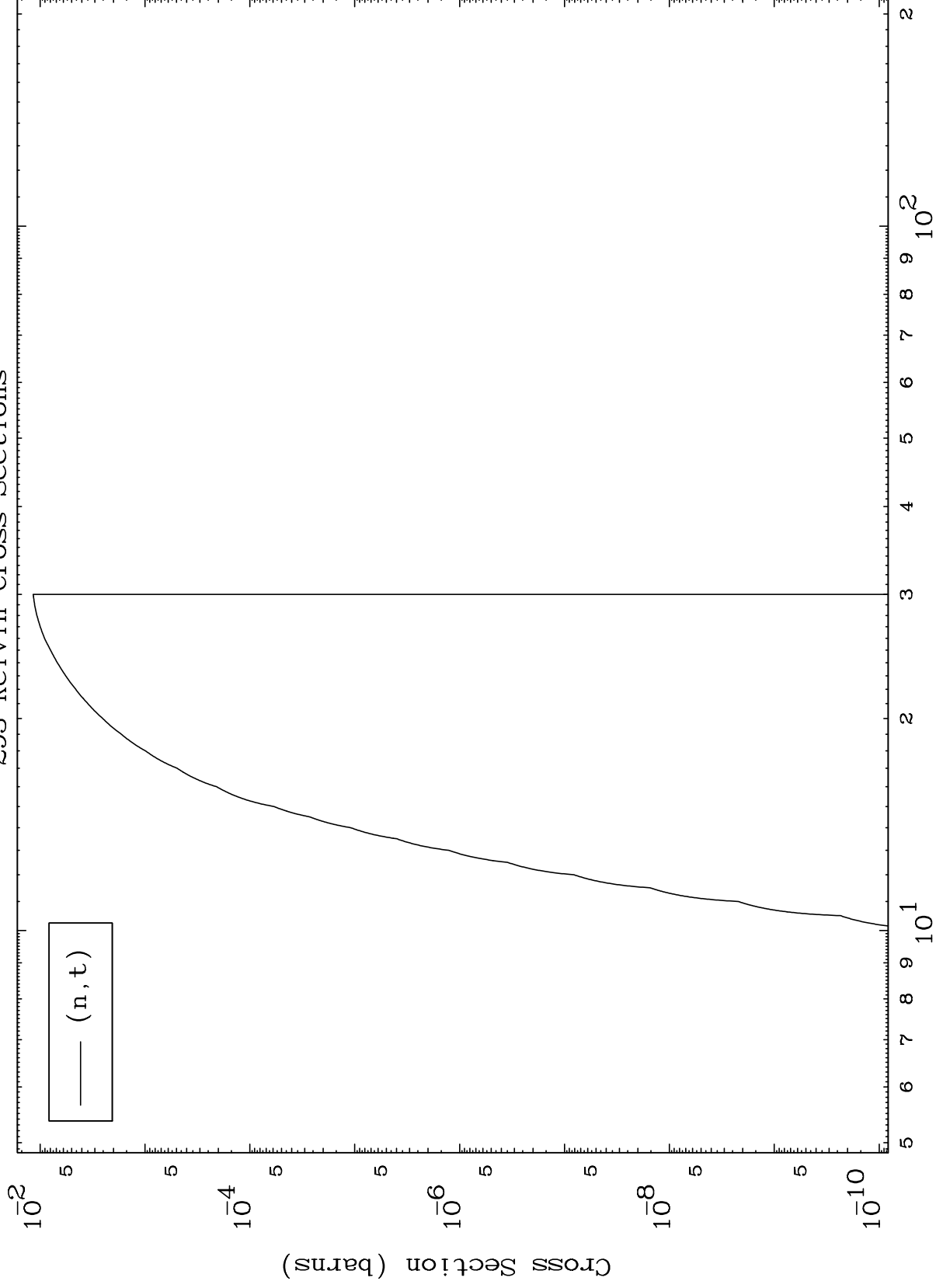
78-Pt-182



MAT 7801

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-182



12

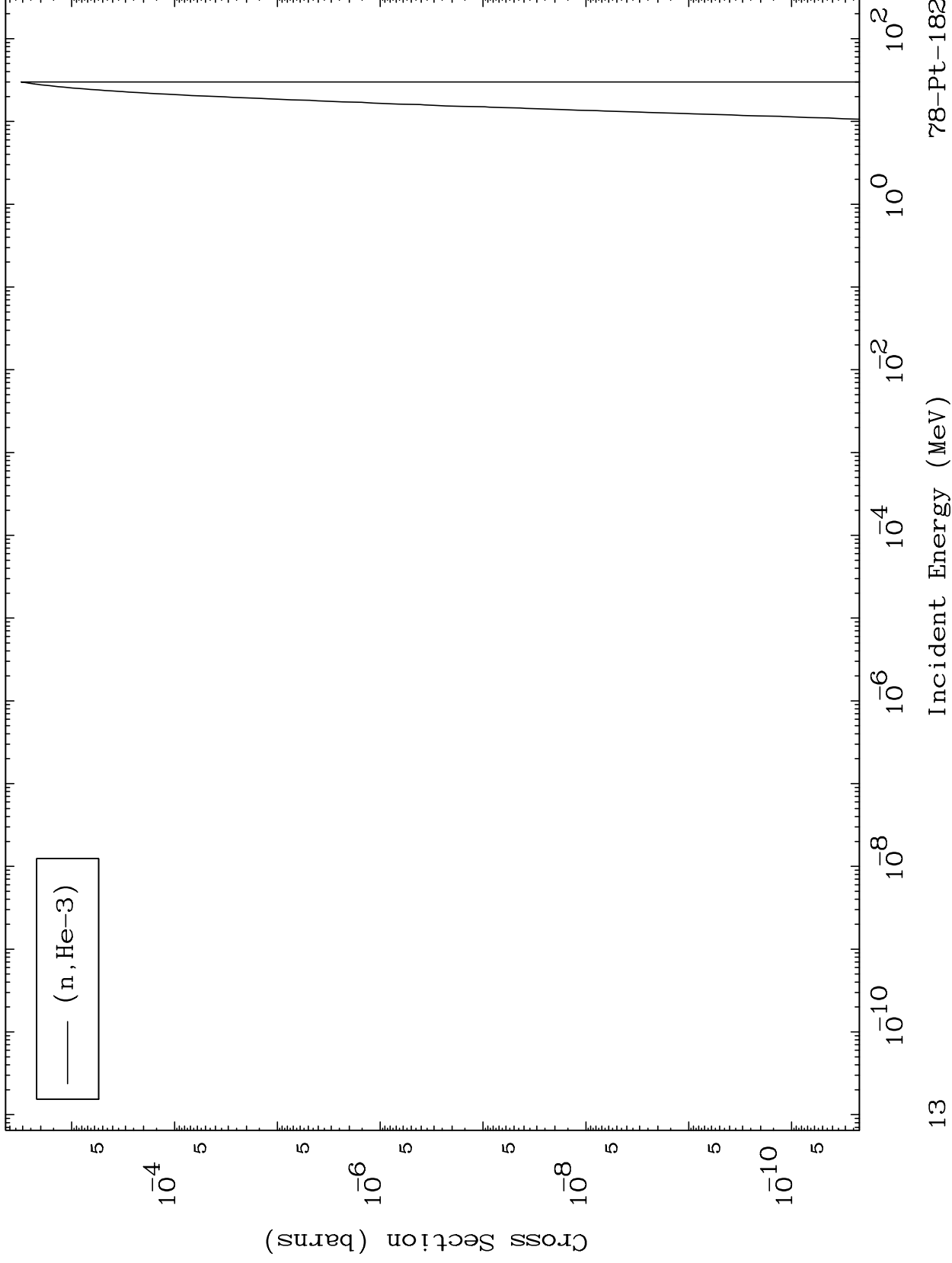
Incident Energy (MeV)

78-Pt-182

MAT 7801

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-182



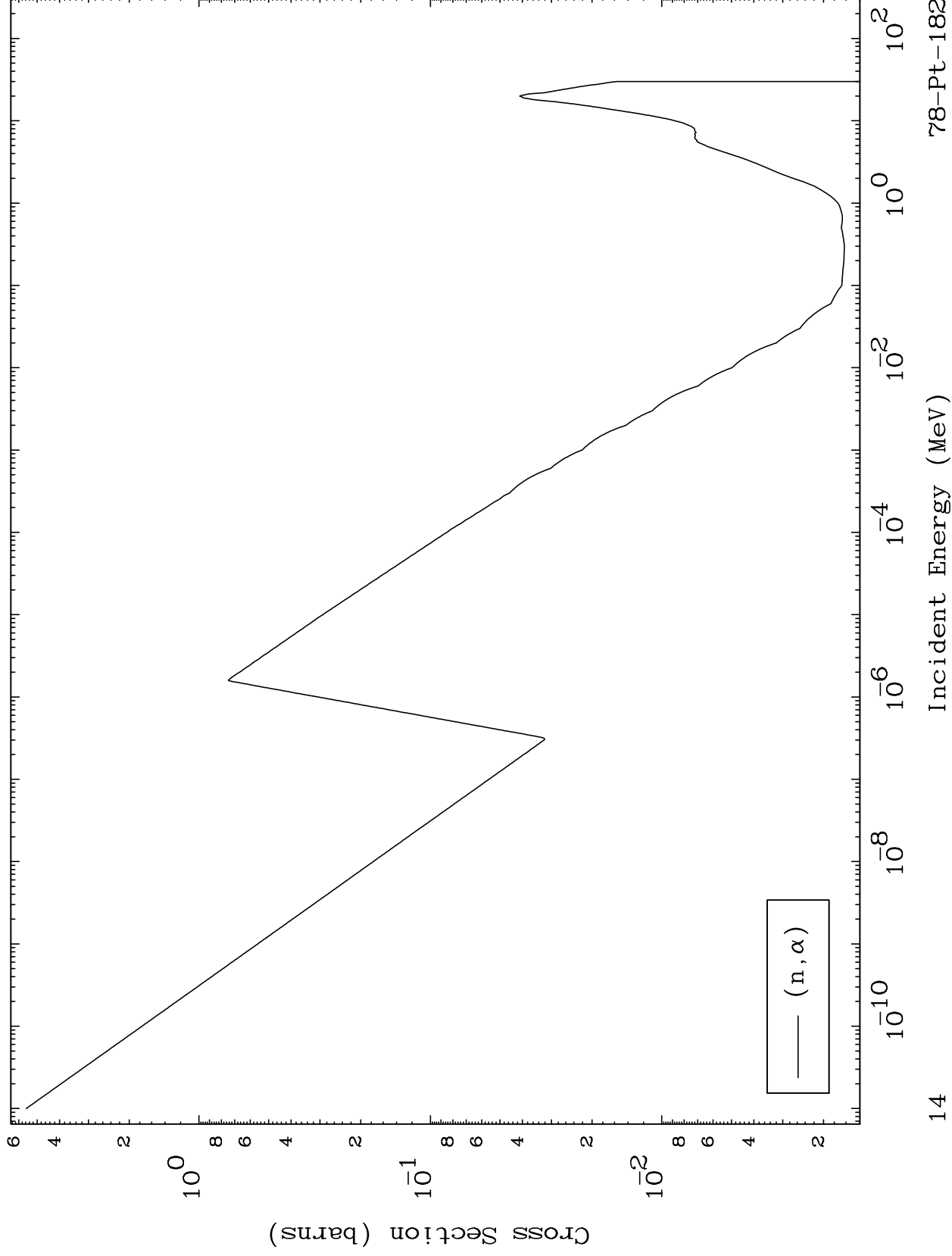
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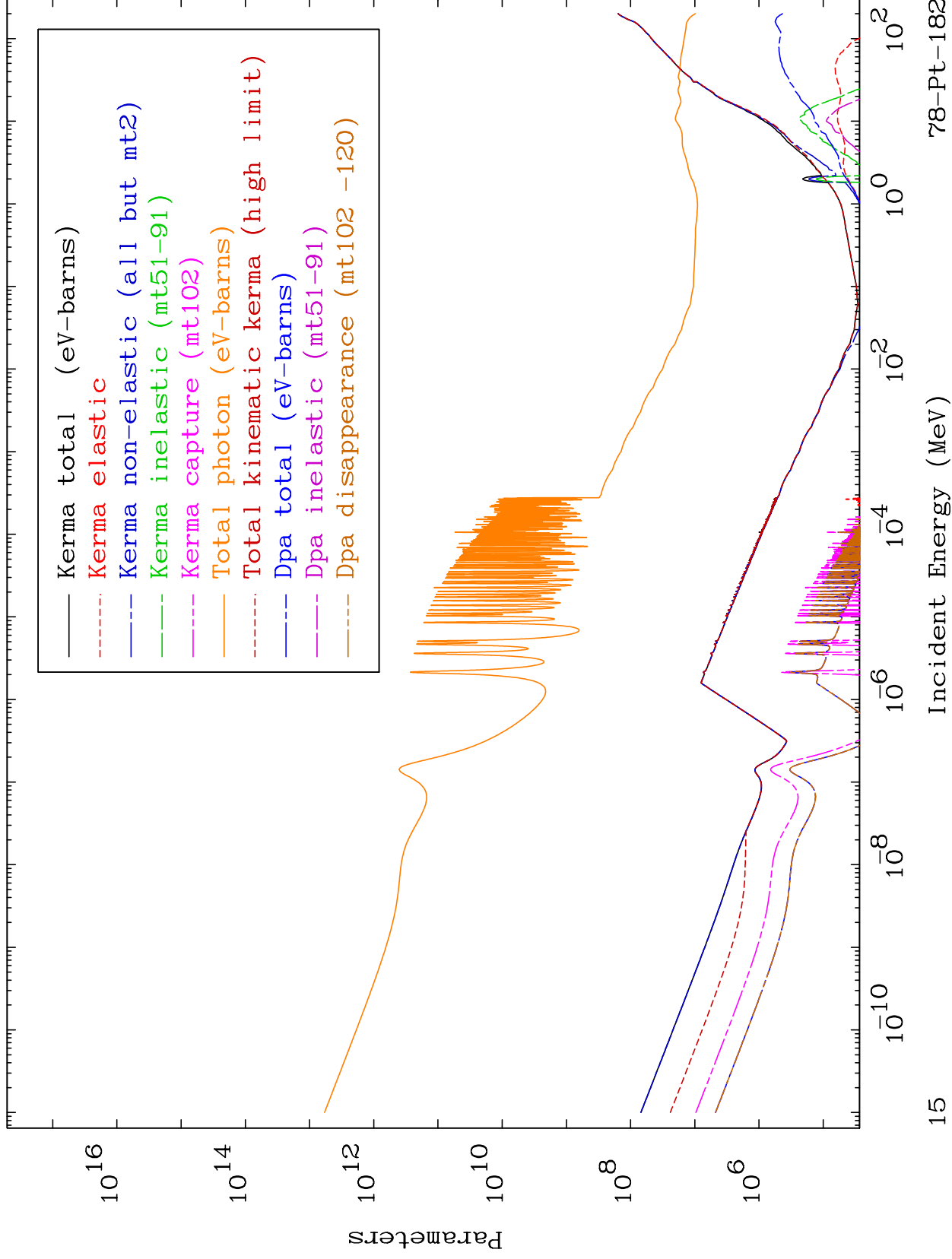
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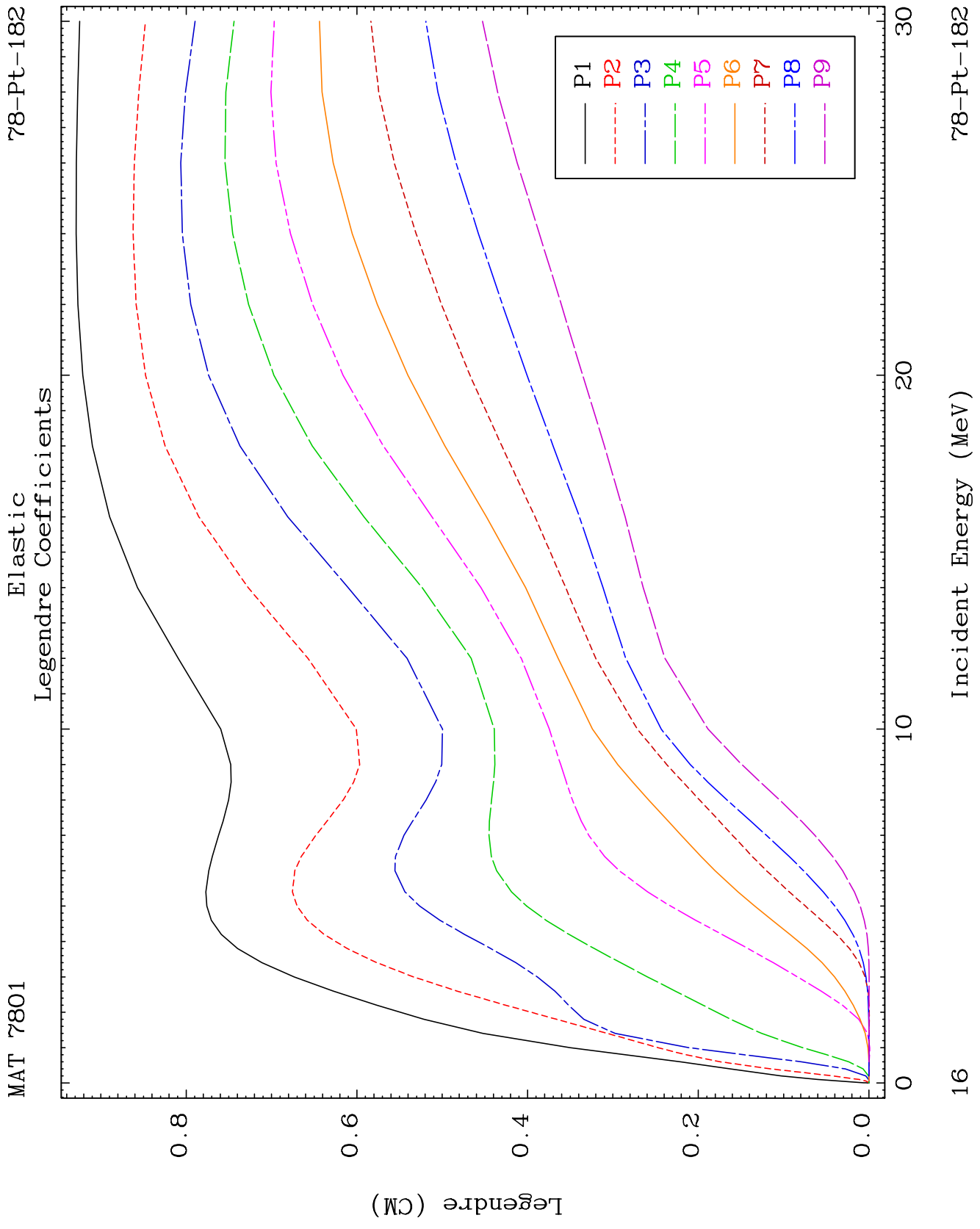
MAT 7801

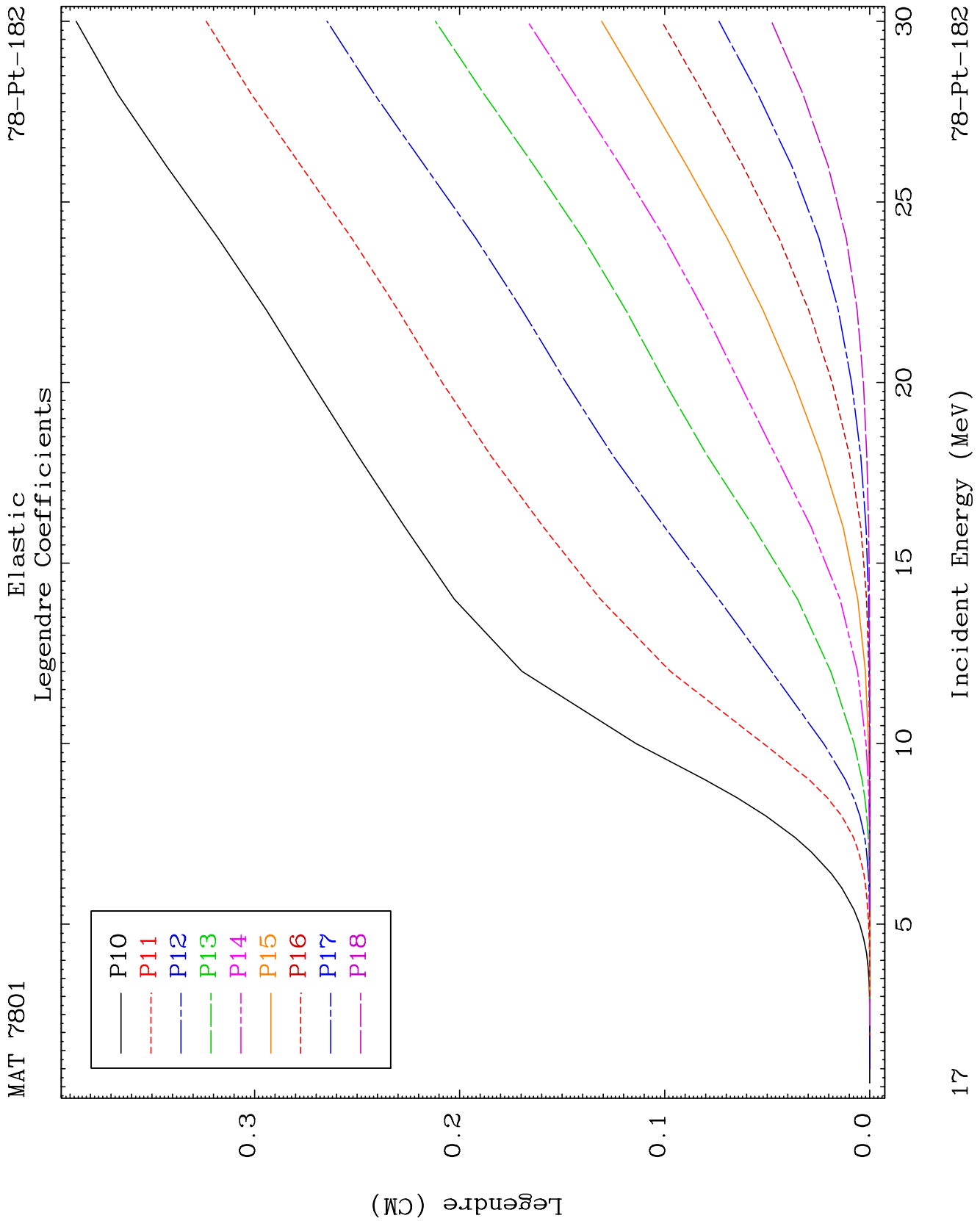
(n,α) Levels
293 Kelvin Cross Sections

78-Pt-182





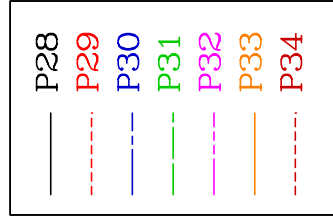




MAT 7801

Elastic
Legendre Coefficients

78-Pt-182



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

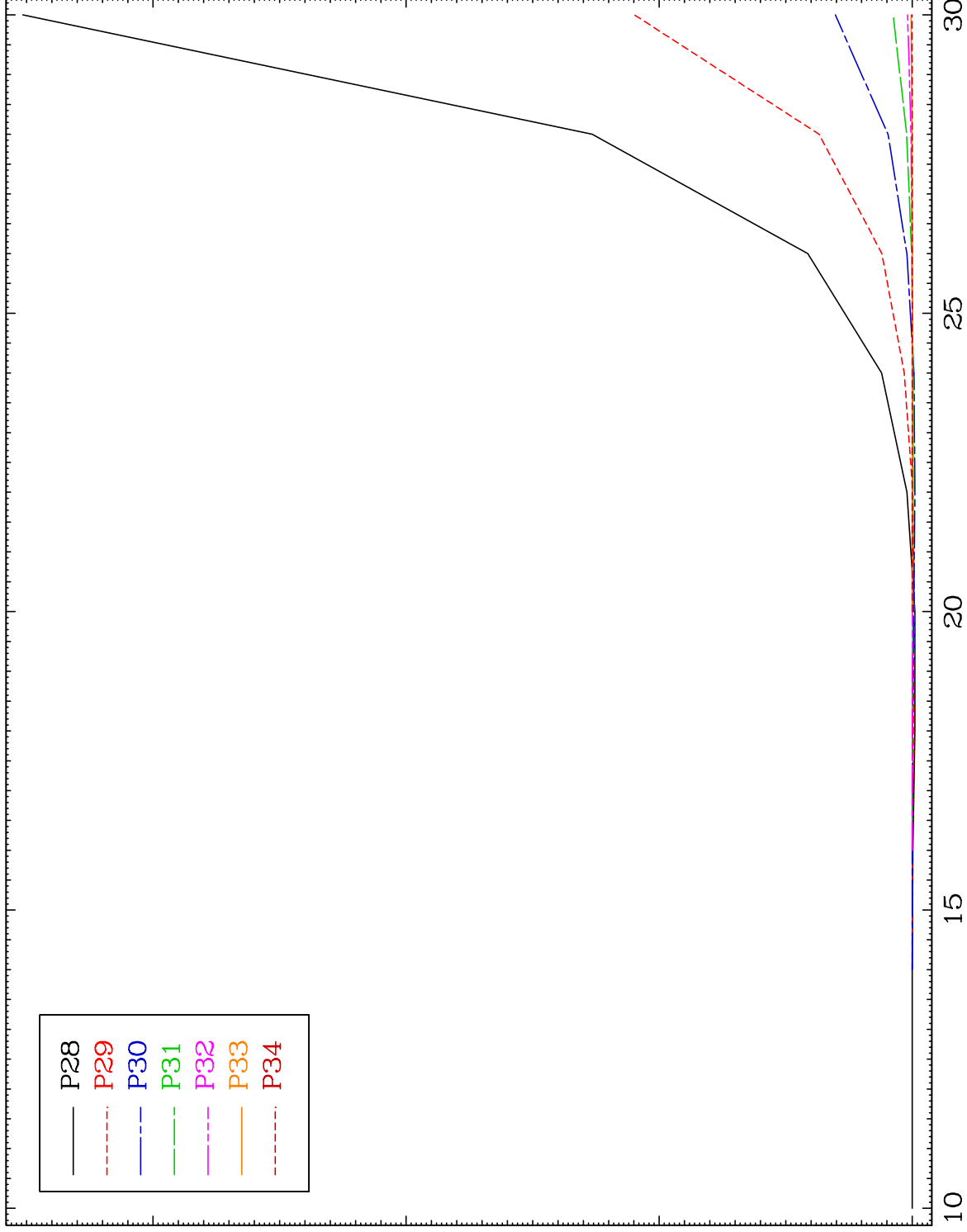
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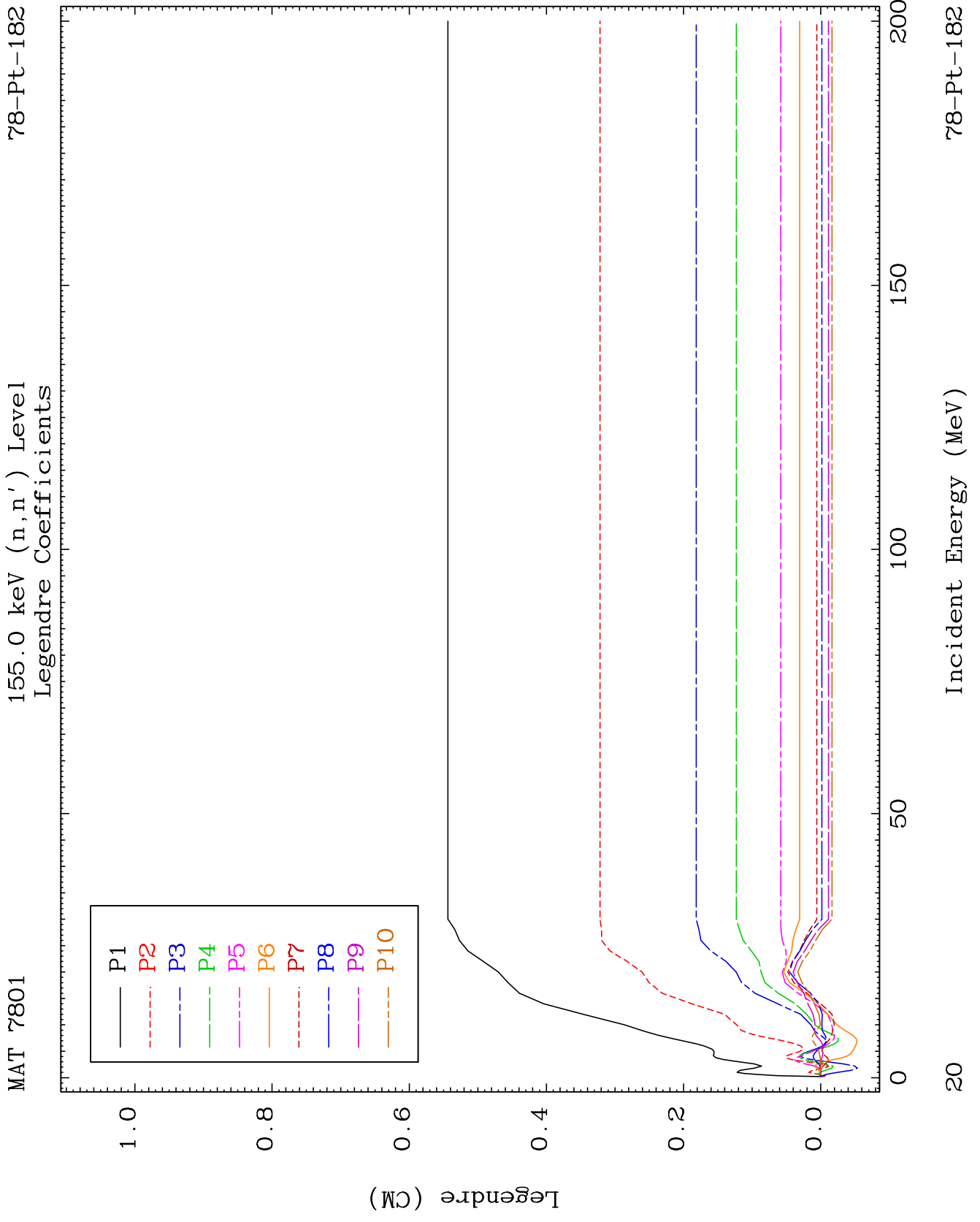
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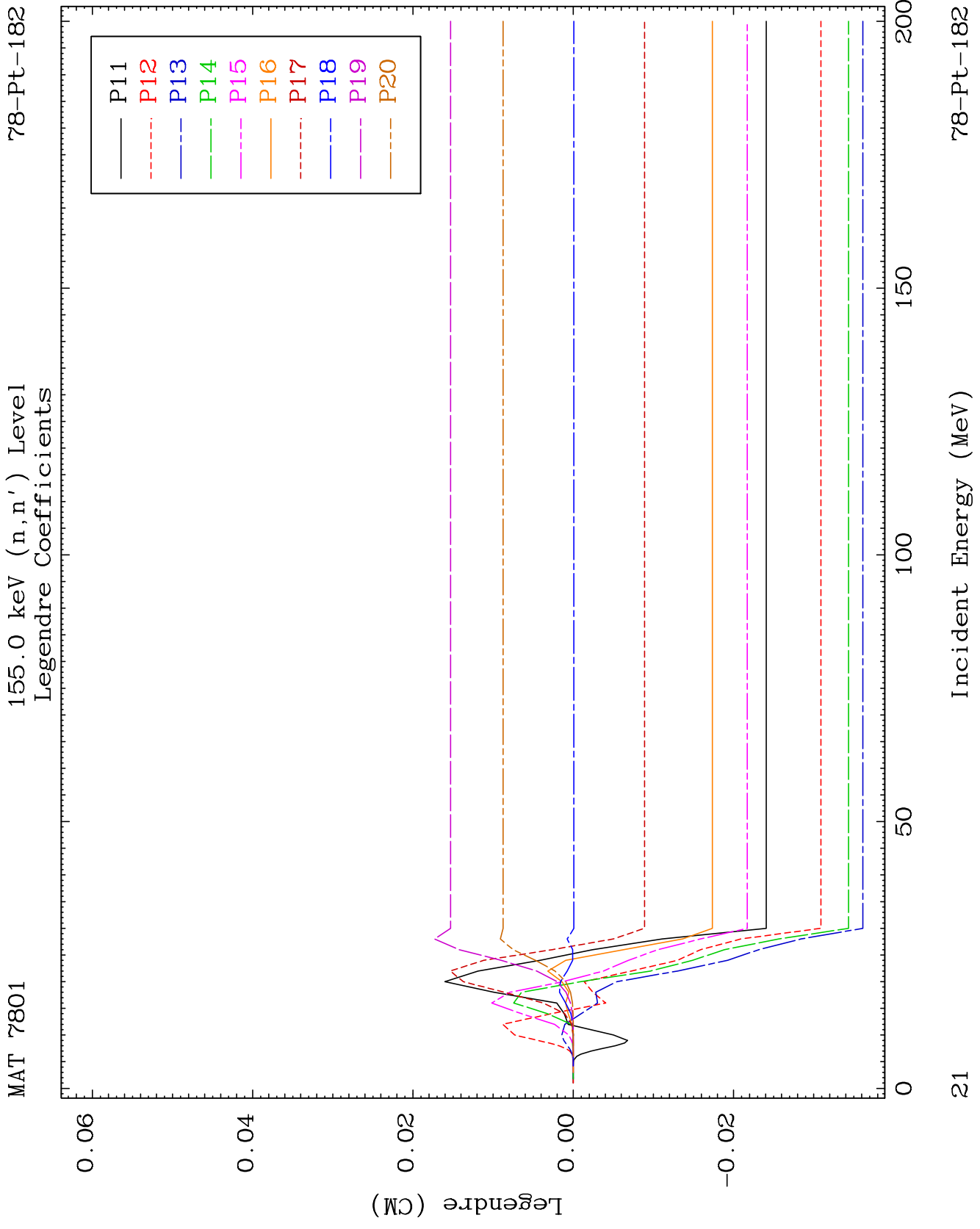
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Incident Energy (MeV)

78-Pt-182



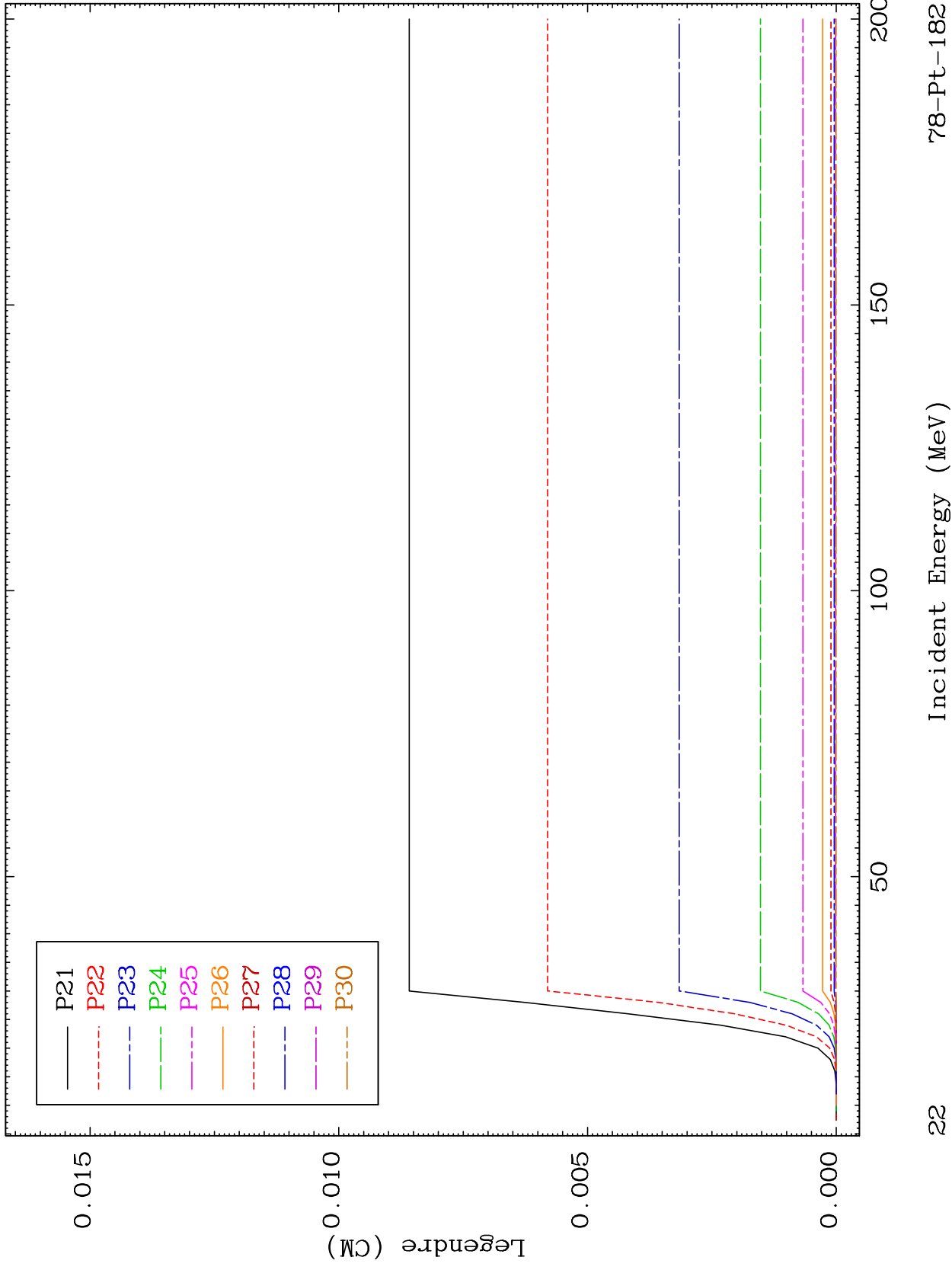




MAT 7801

155.0 keV (n,n') Level
Legendre Coefficients

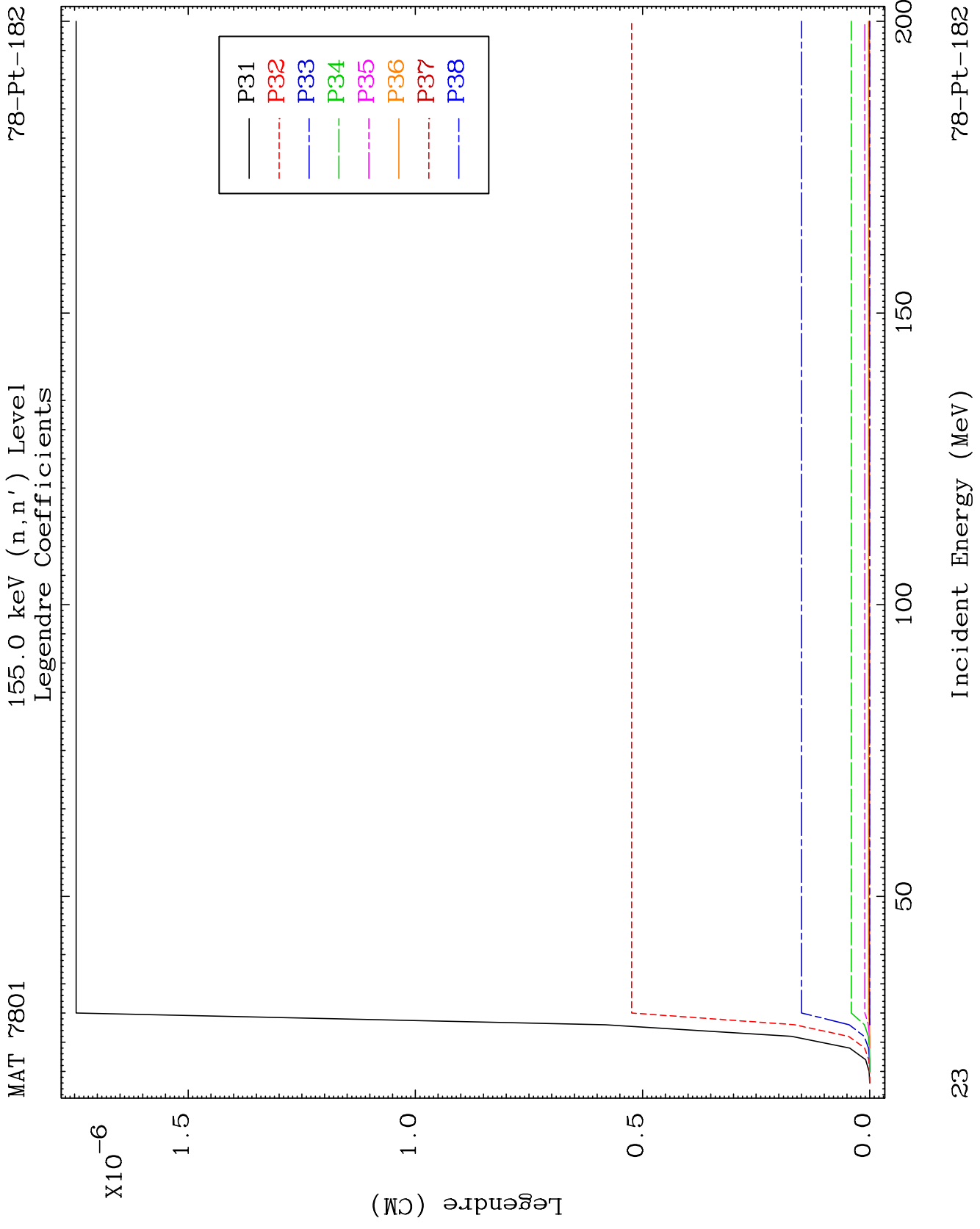
78-Pt-182

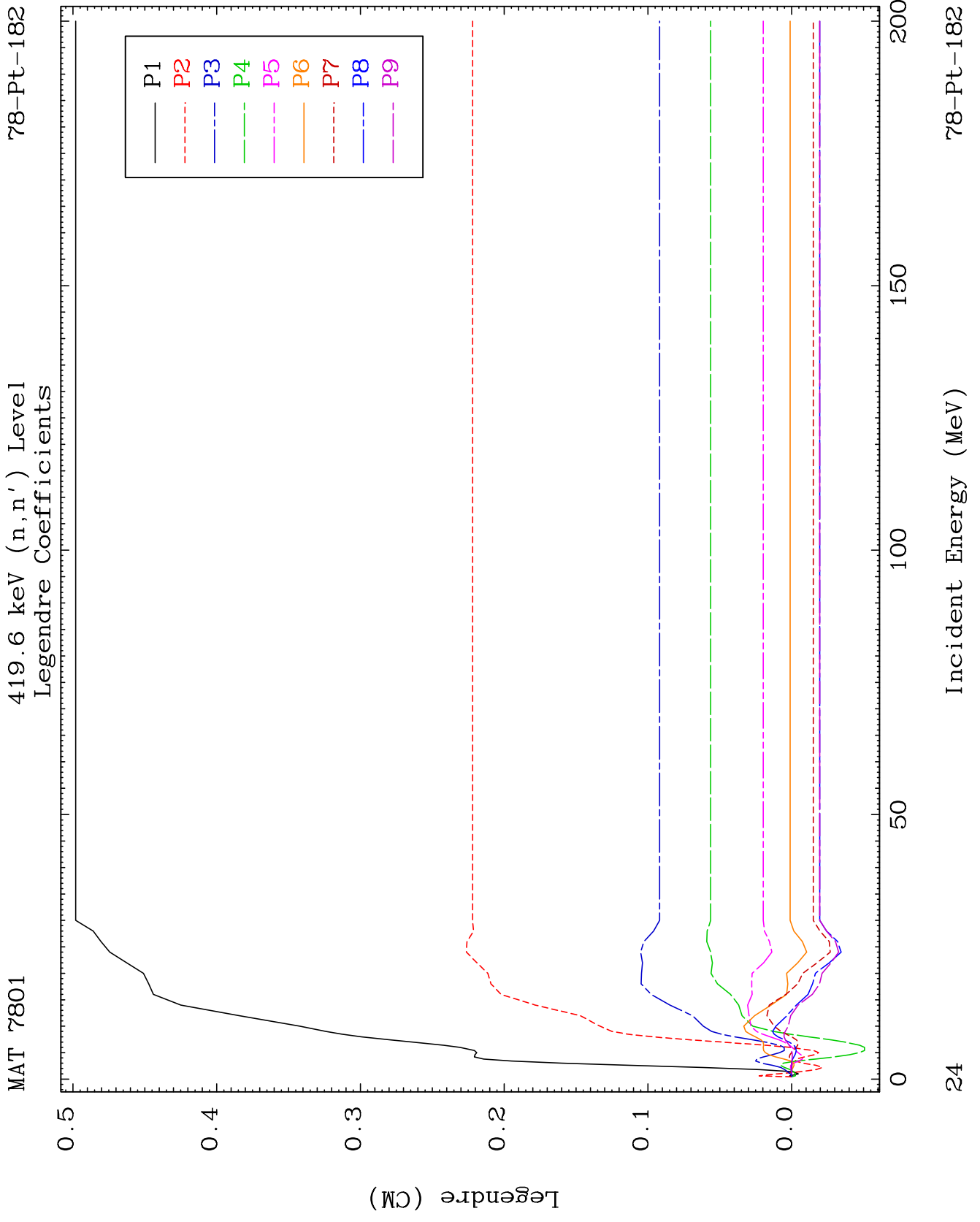


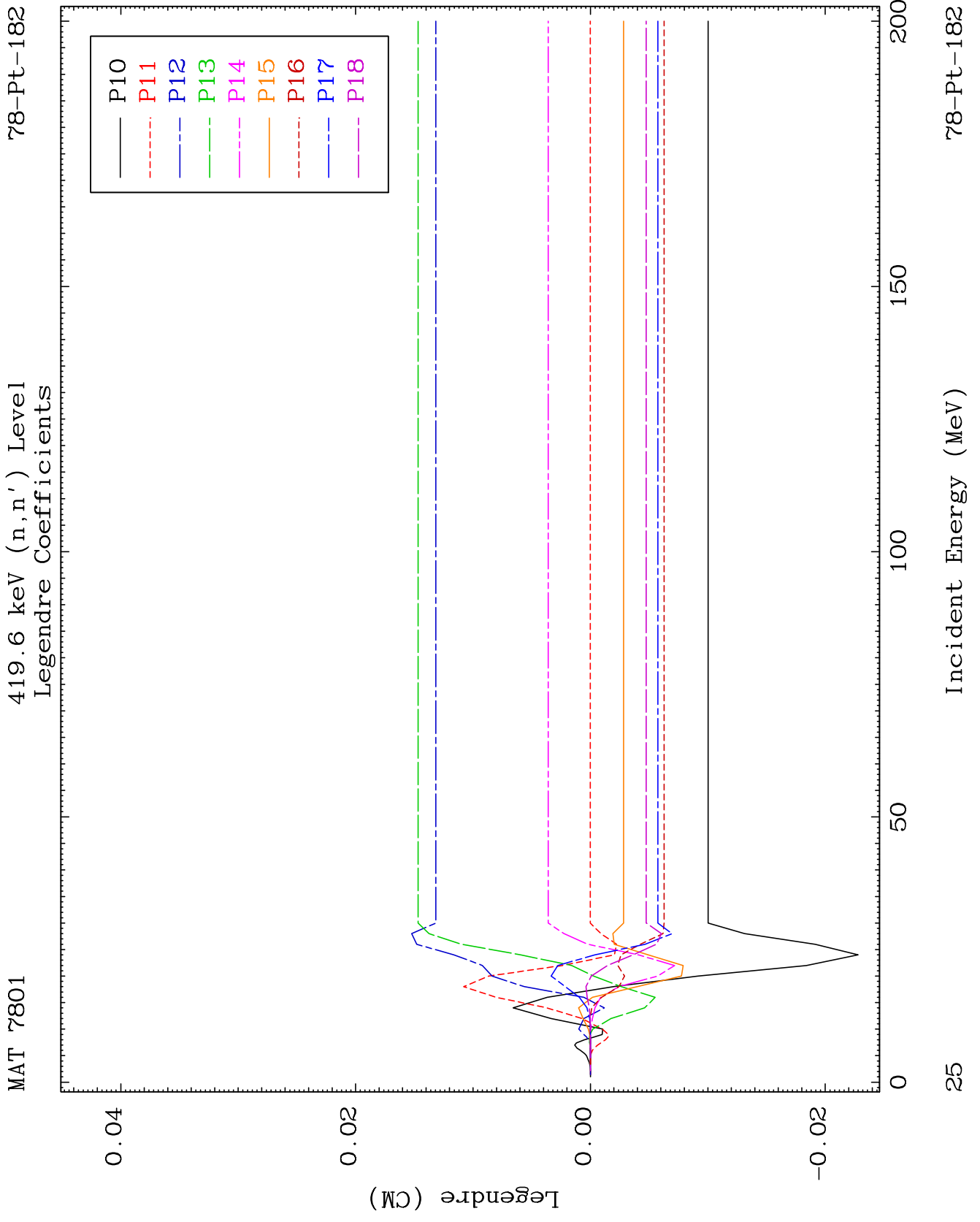
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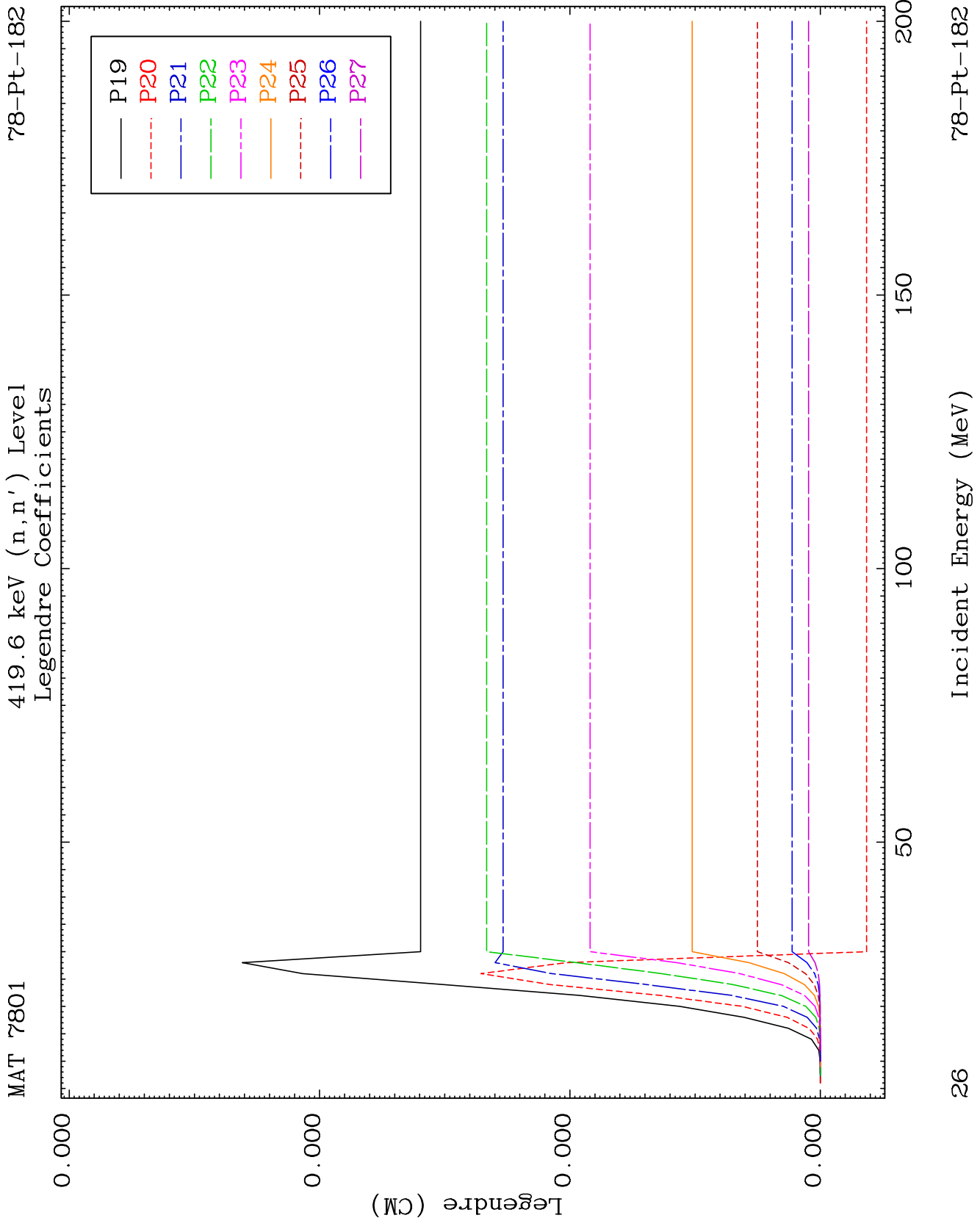
Incident Energy (MeV)

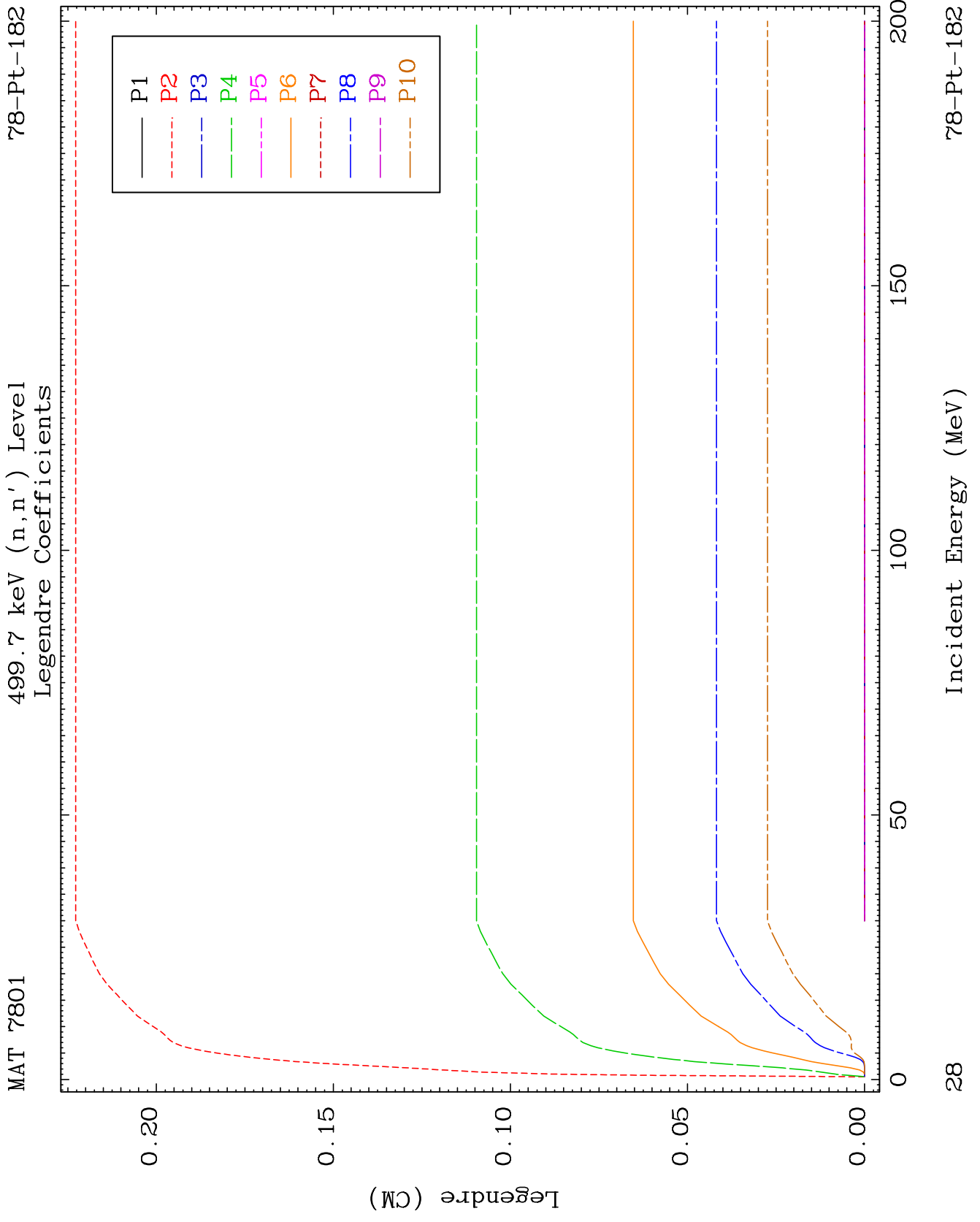
78-Pt-182







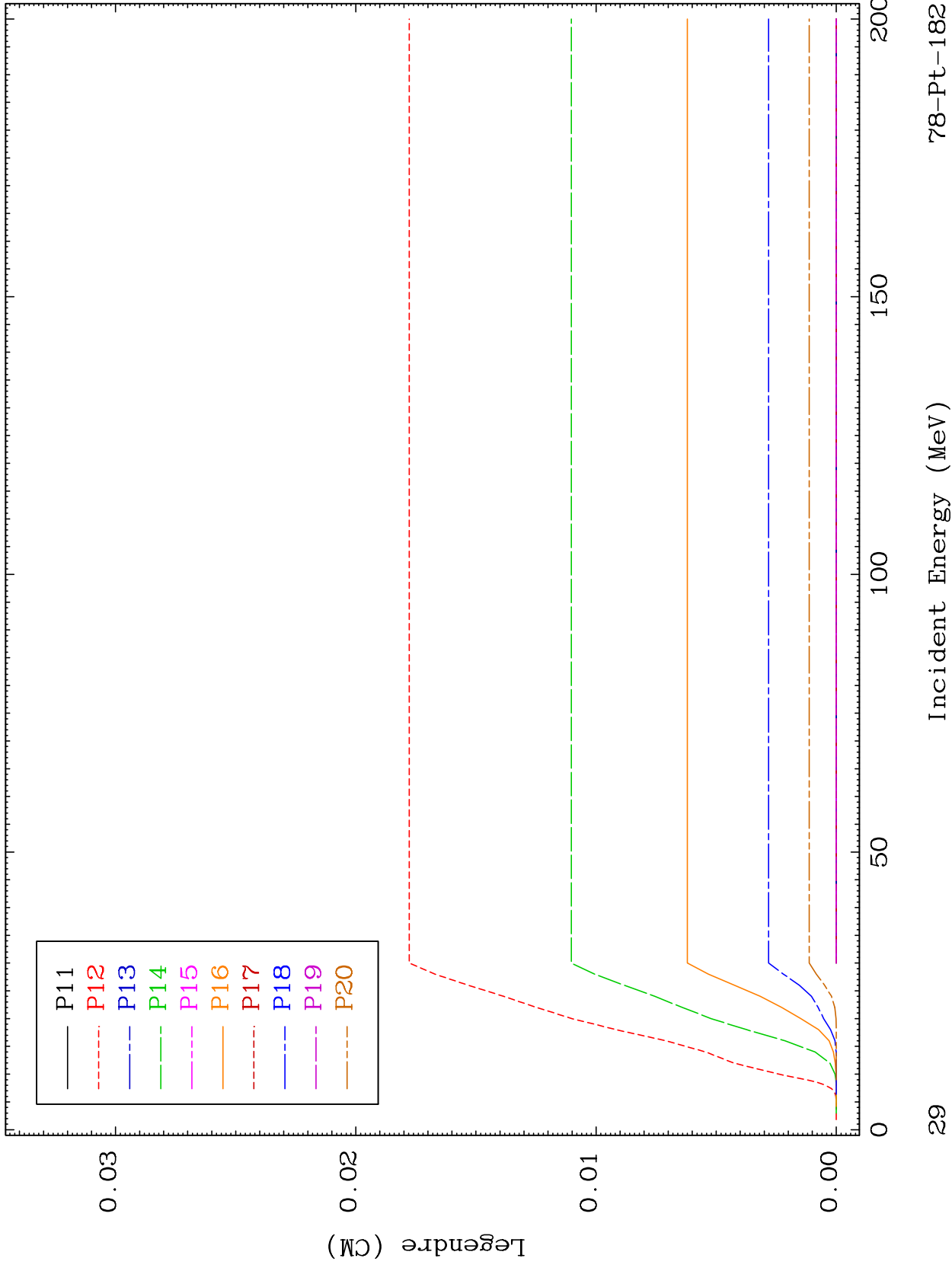




MAT 7801

499.7 keV (n,n') Level
Legendre Coefficients

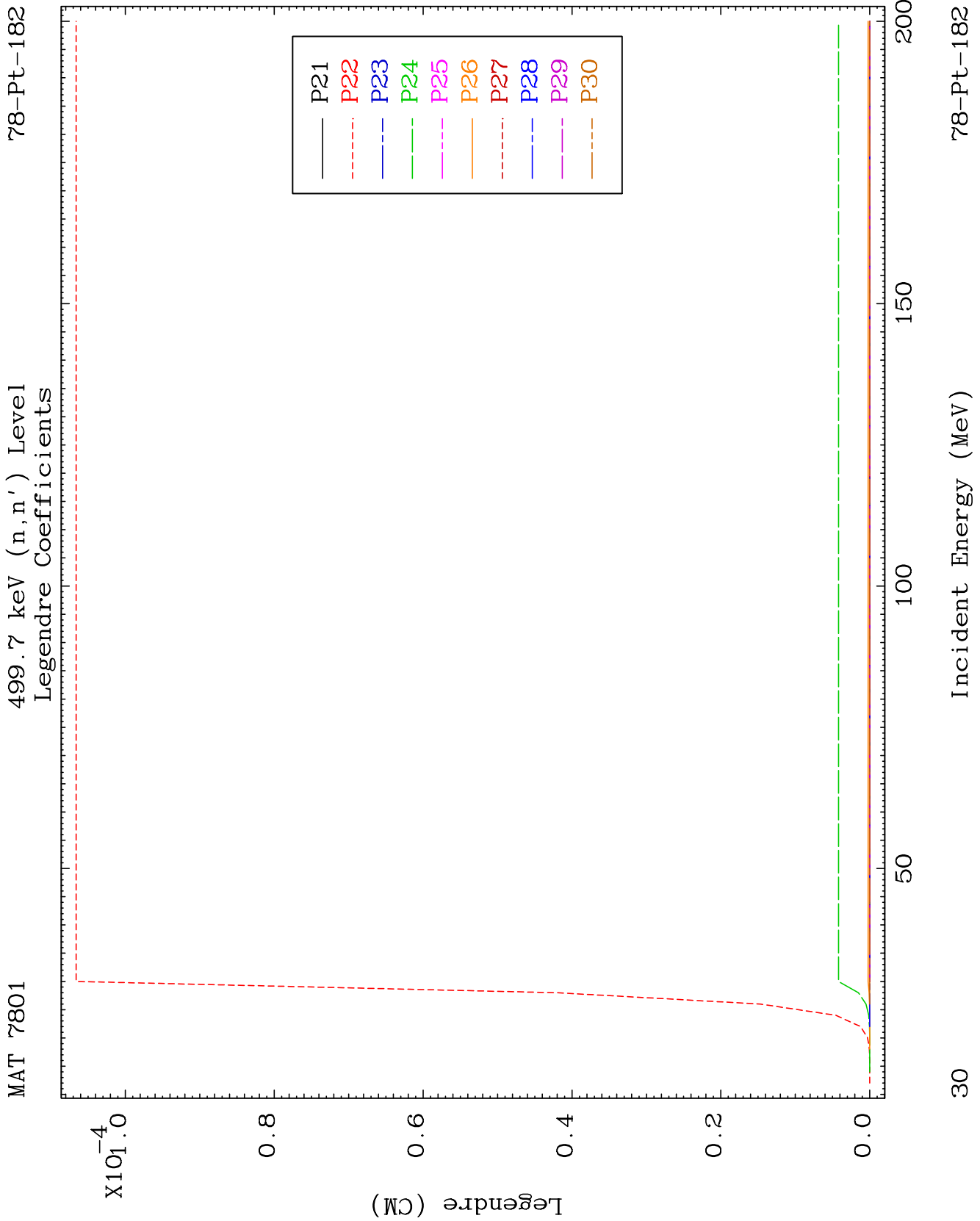
78-Pt-182



29

Incident Energy (MeV)

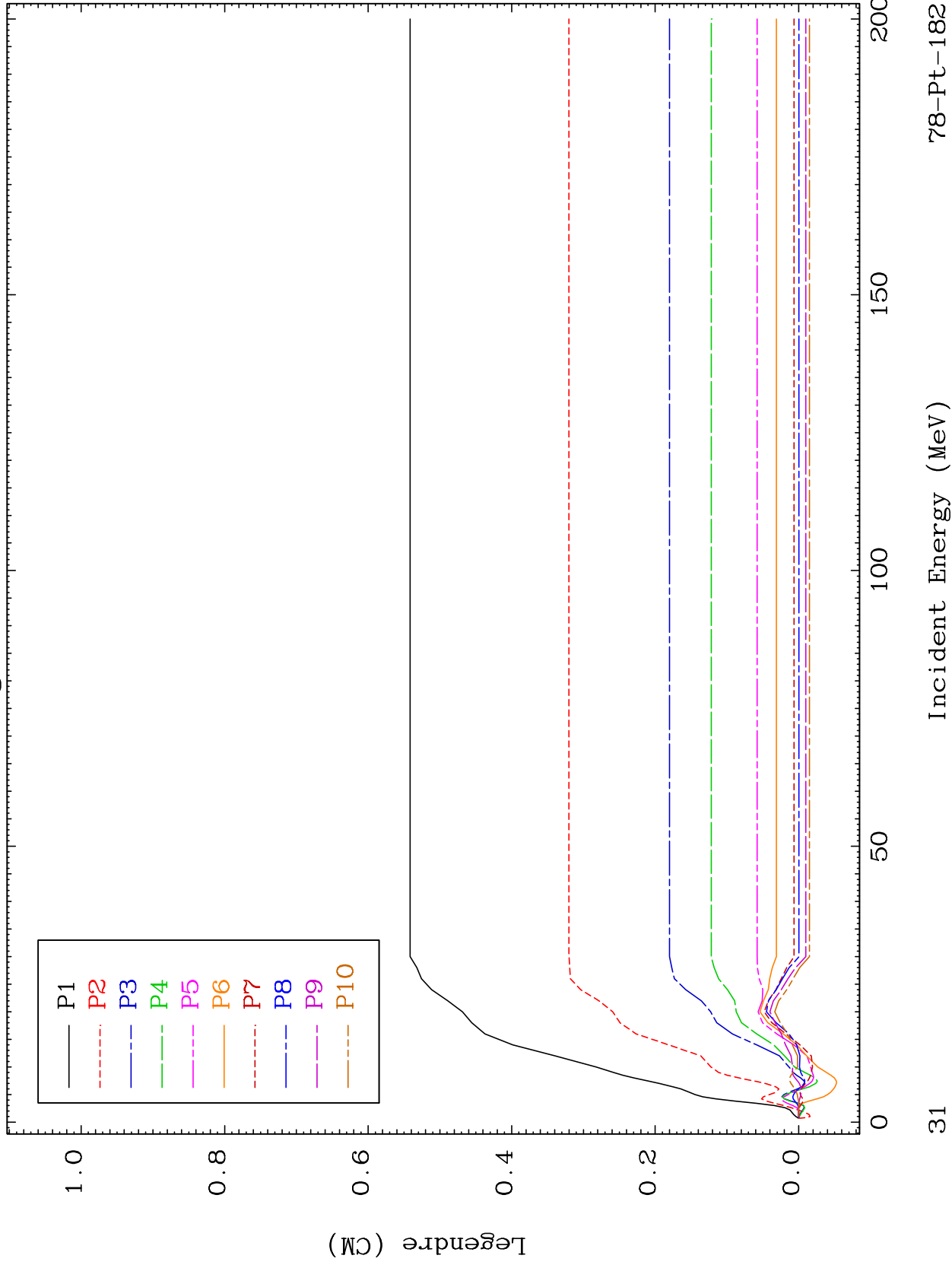
78-Pt-182



MAT 7801

667.8 keV (n,n') Level
Legendre Coefficients

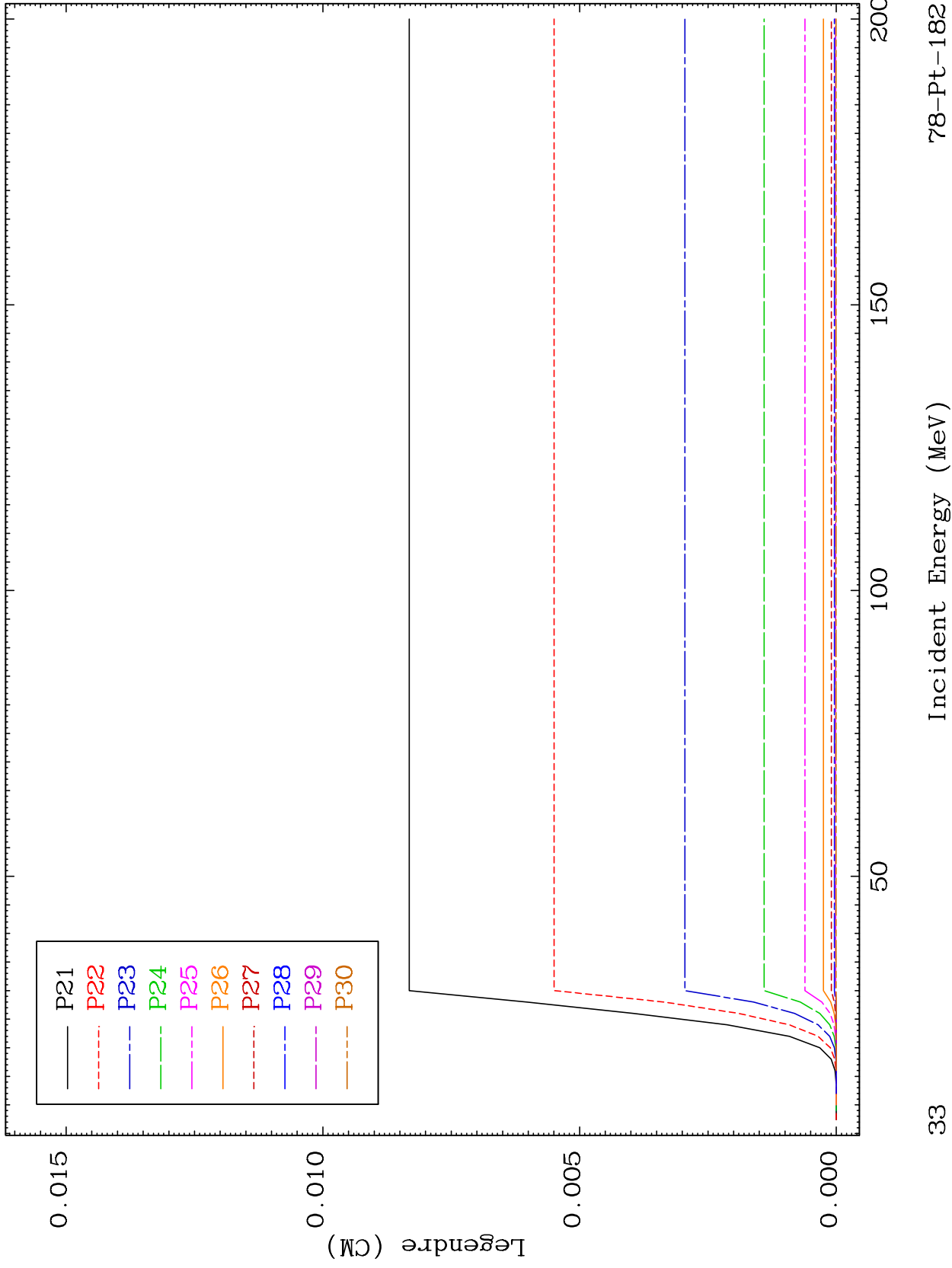
78-Pt-182

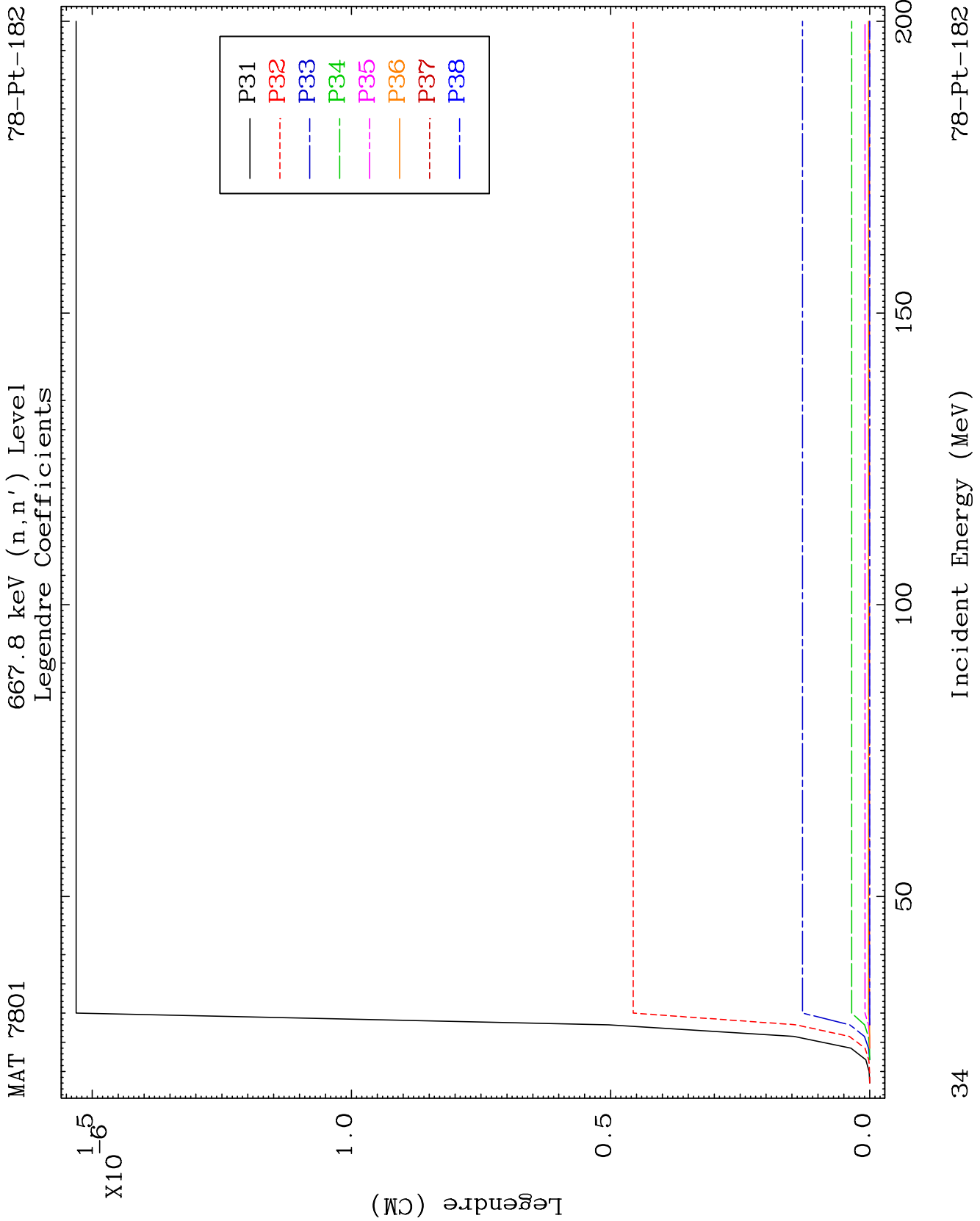


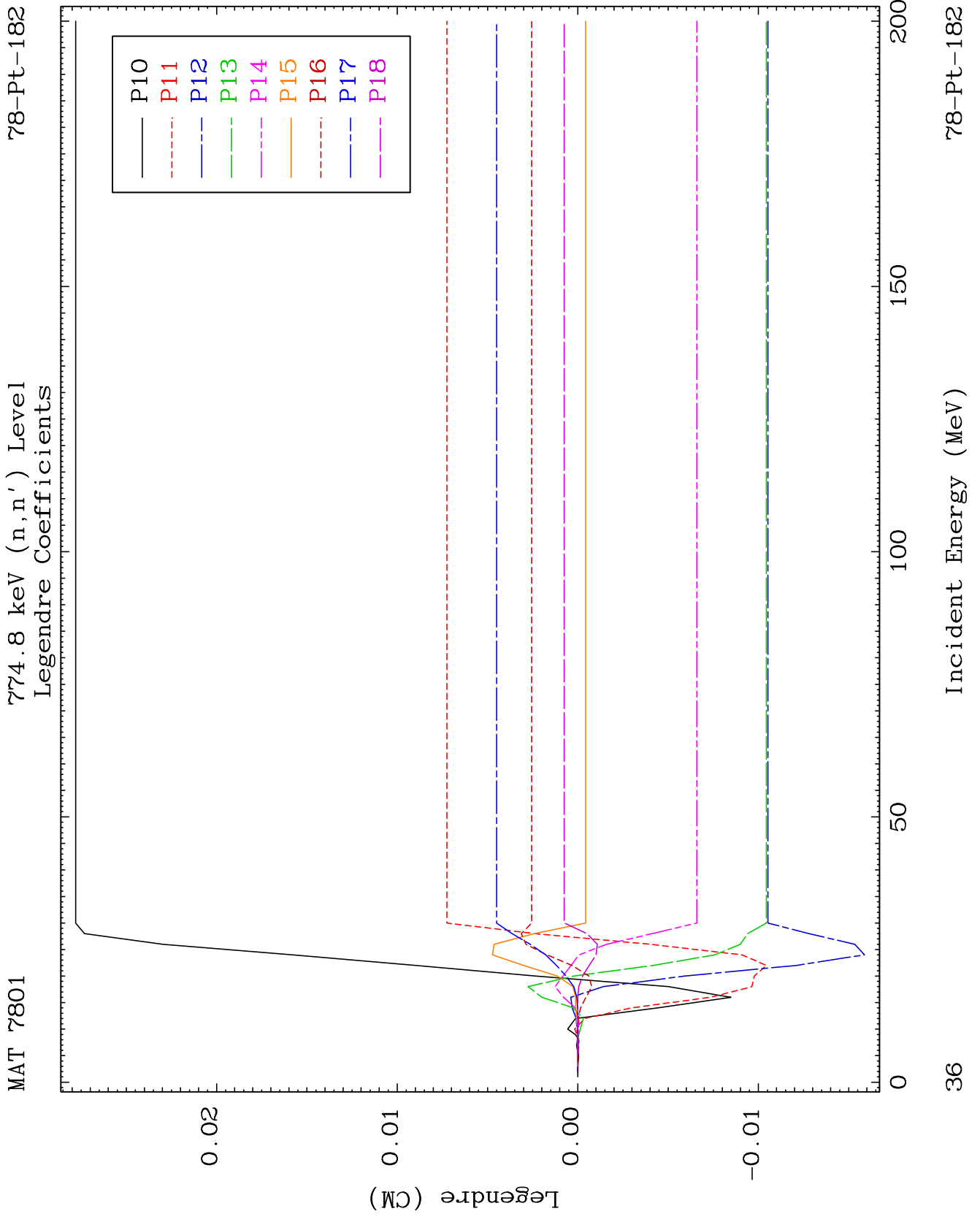
MAT 7801

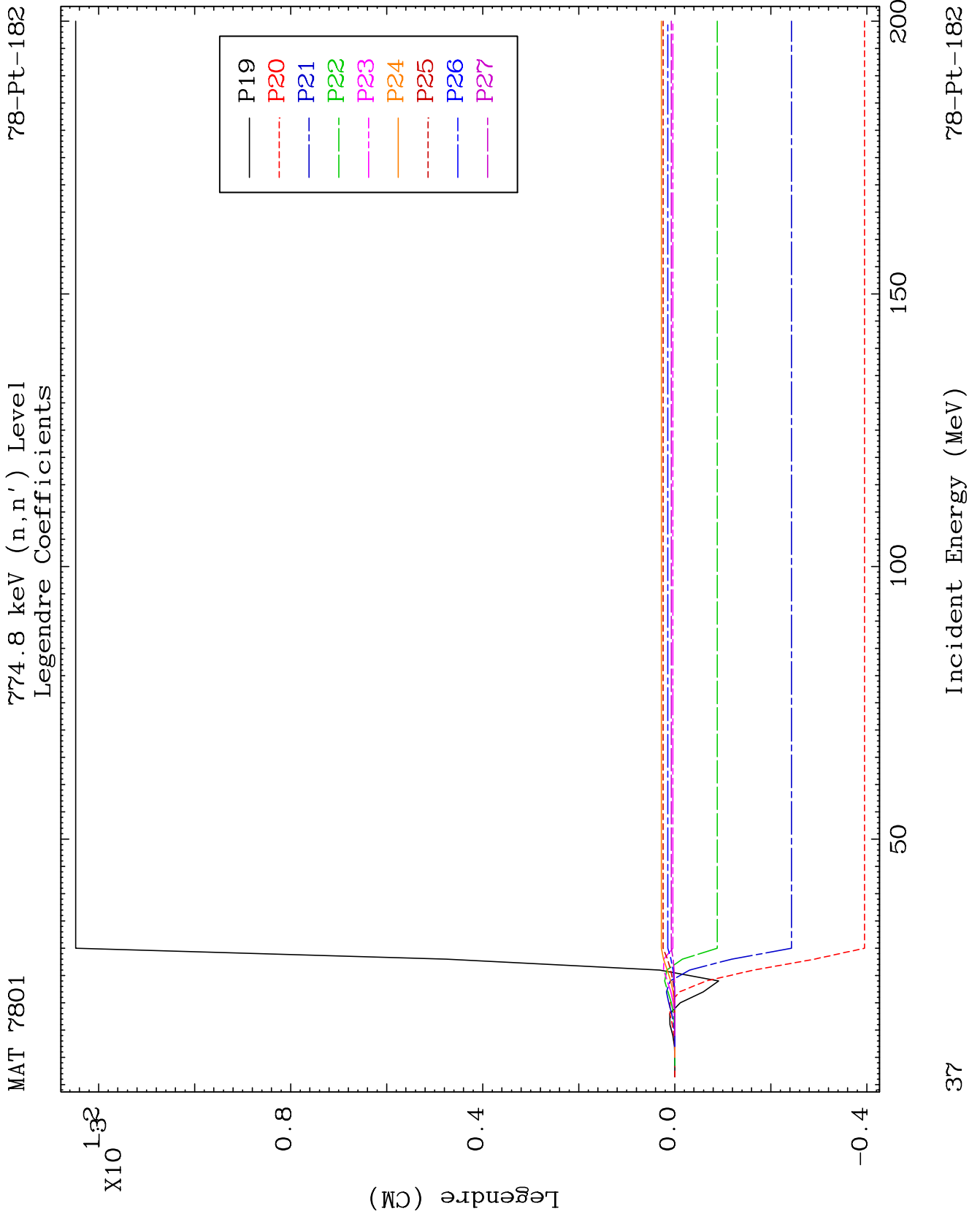
667.8 keV (n,n') Level
Legendre Coefficients

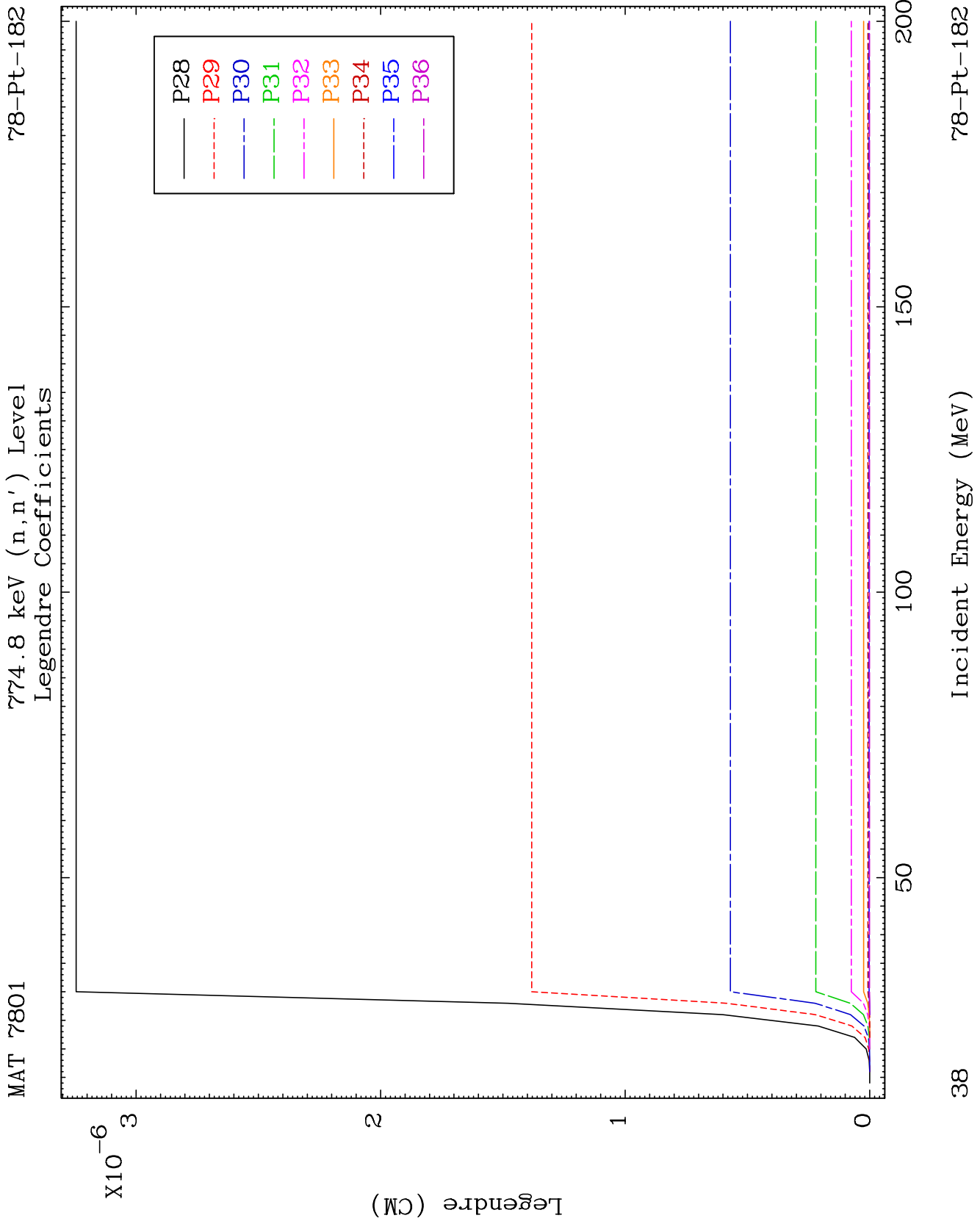
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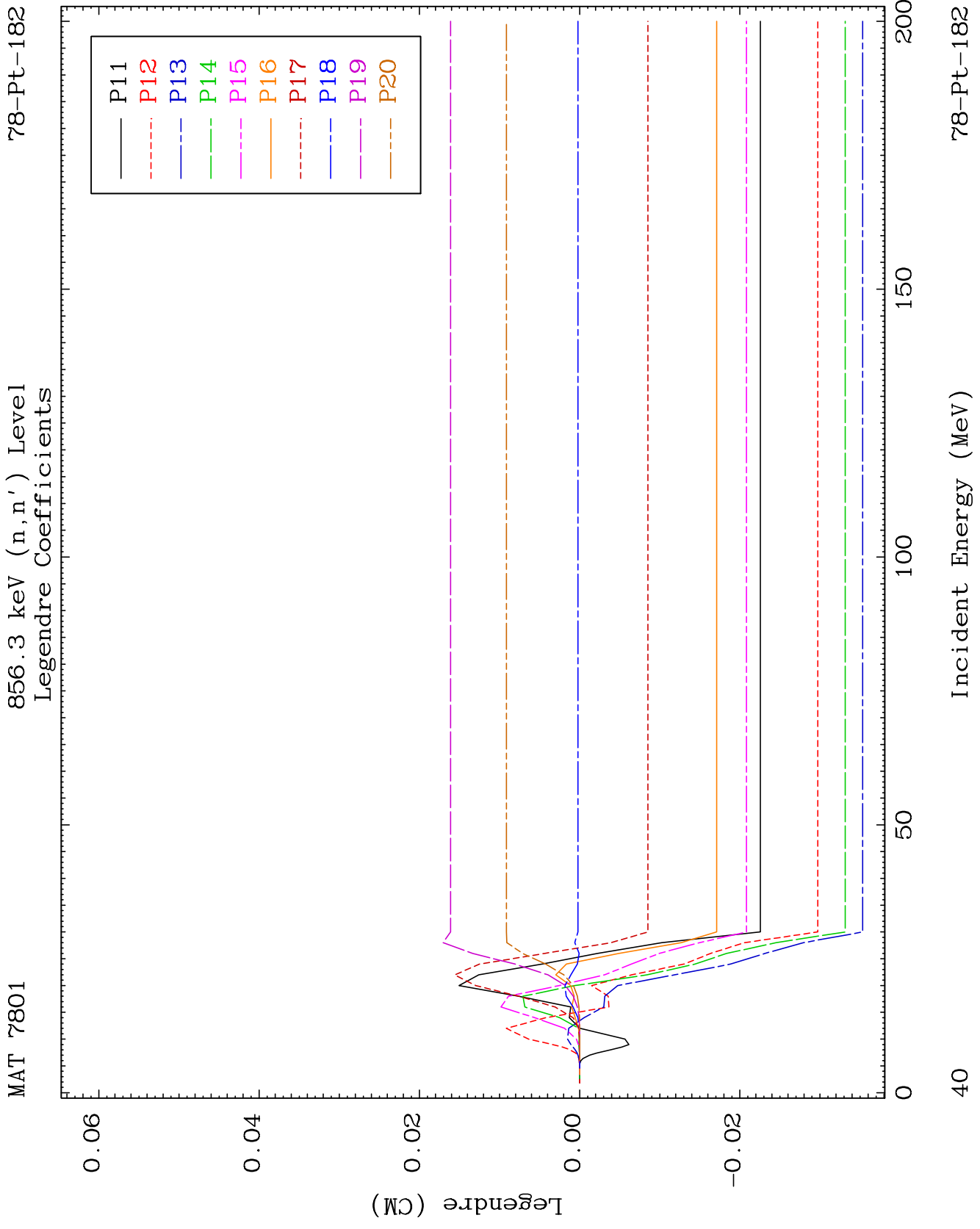








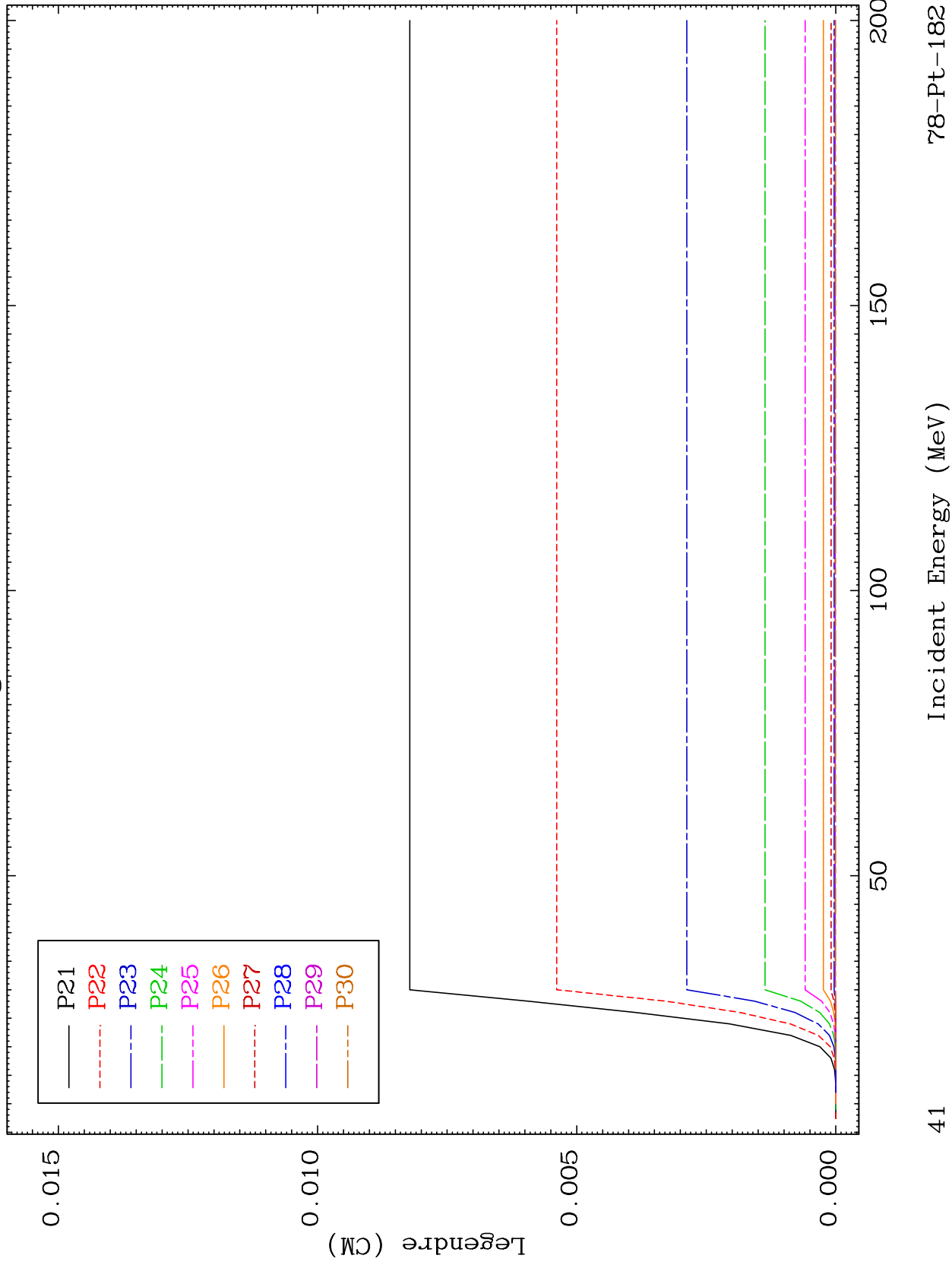




MAT 7801

856.3 keV (n,n') Level
Legendre Coefficients

78-Pt-182



41

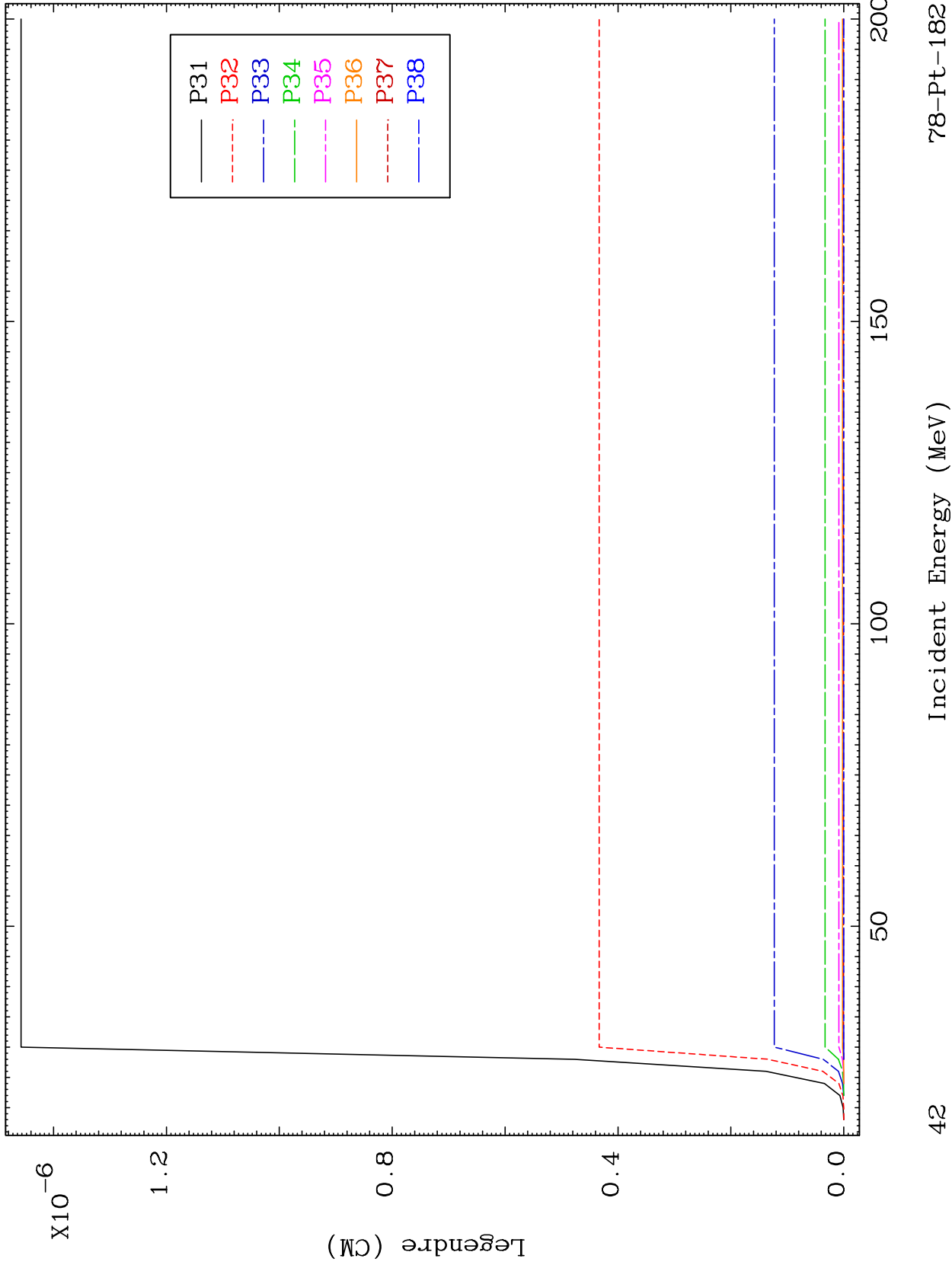
Incident Energy (MeV)

78-Pt-182

MAT 7801

856.3 keV (n,n') Level
Legendre Coefficients

78-Pt-182



42

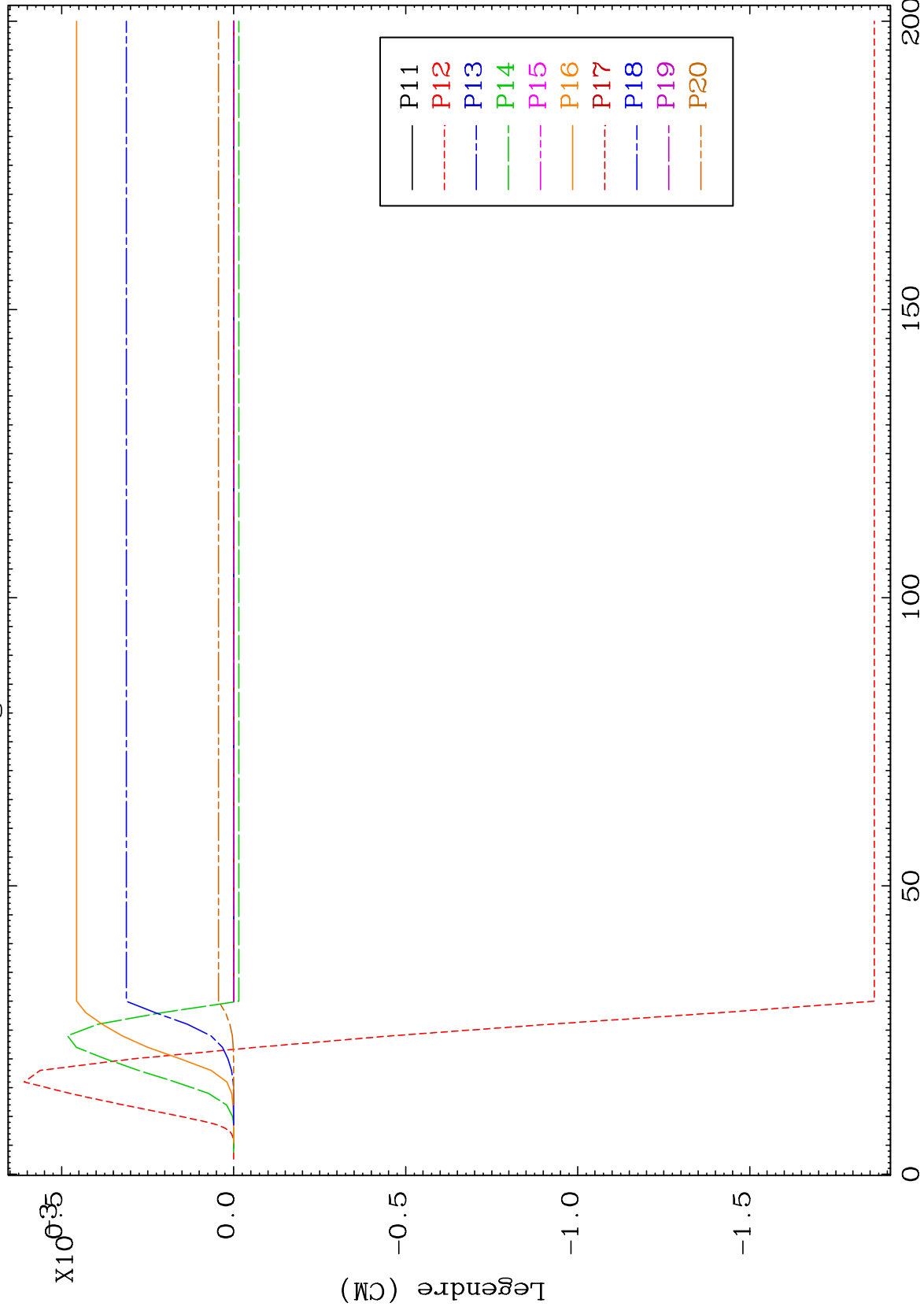
Incident Energy (MeV)

78-Pt-182

MAT 7801

942.7 keV (n,n') Level
Legendre Coefficients

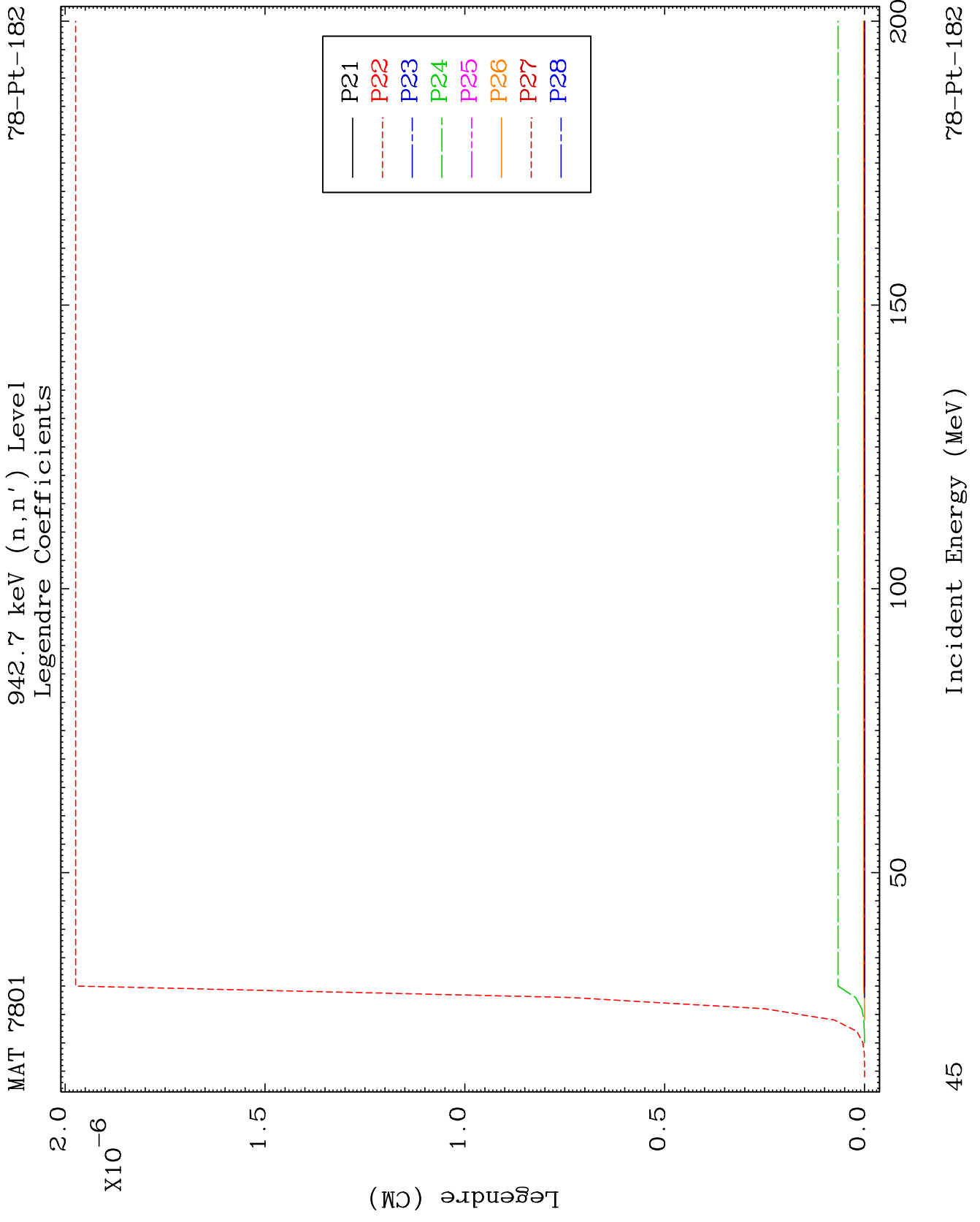
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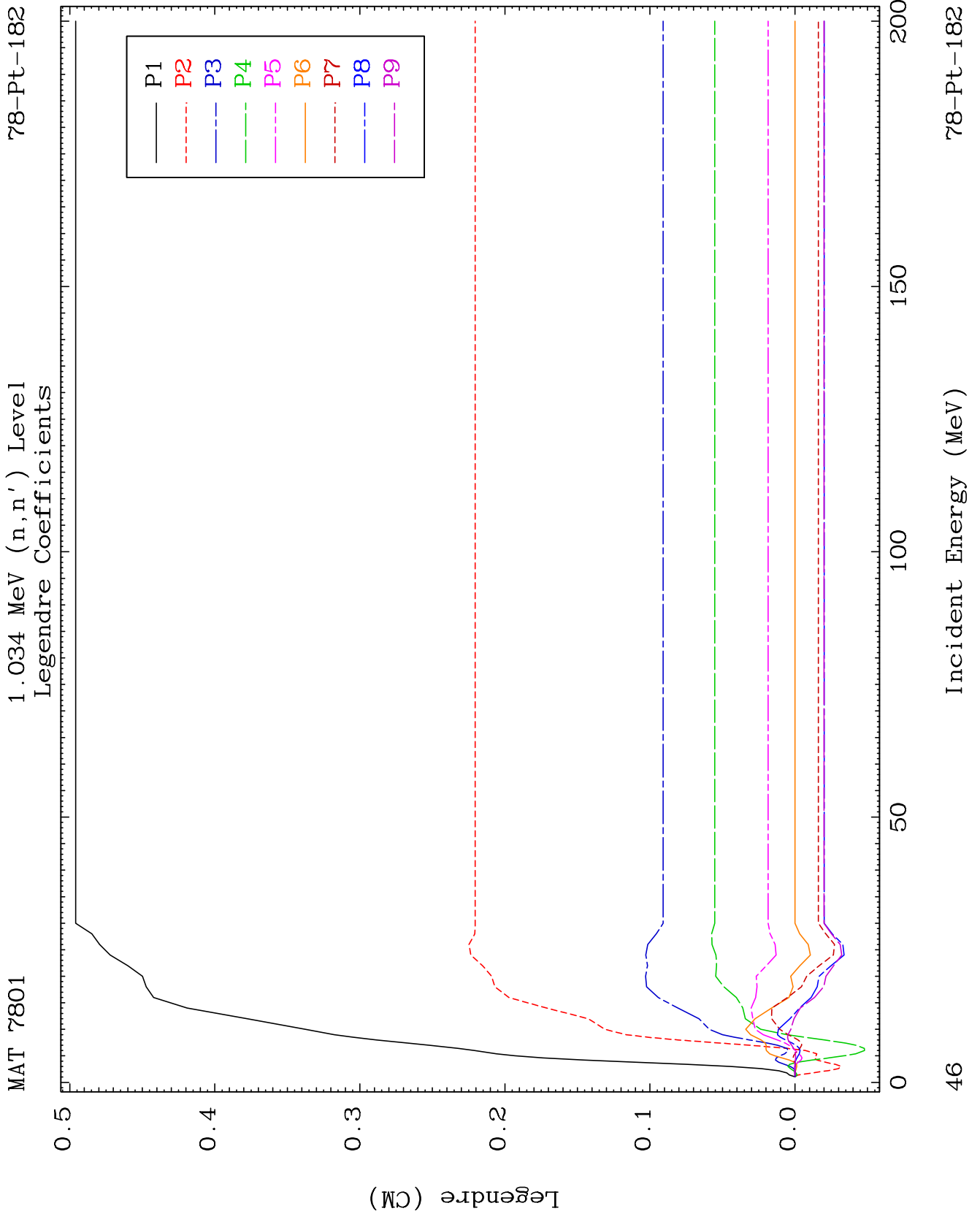


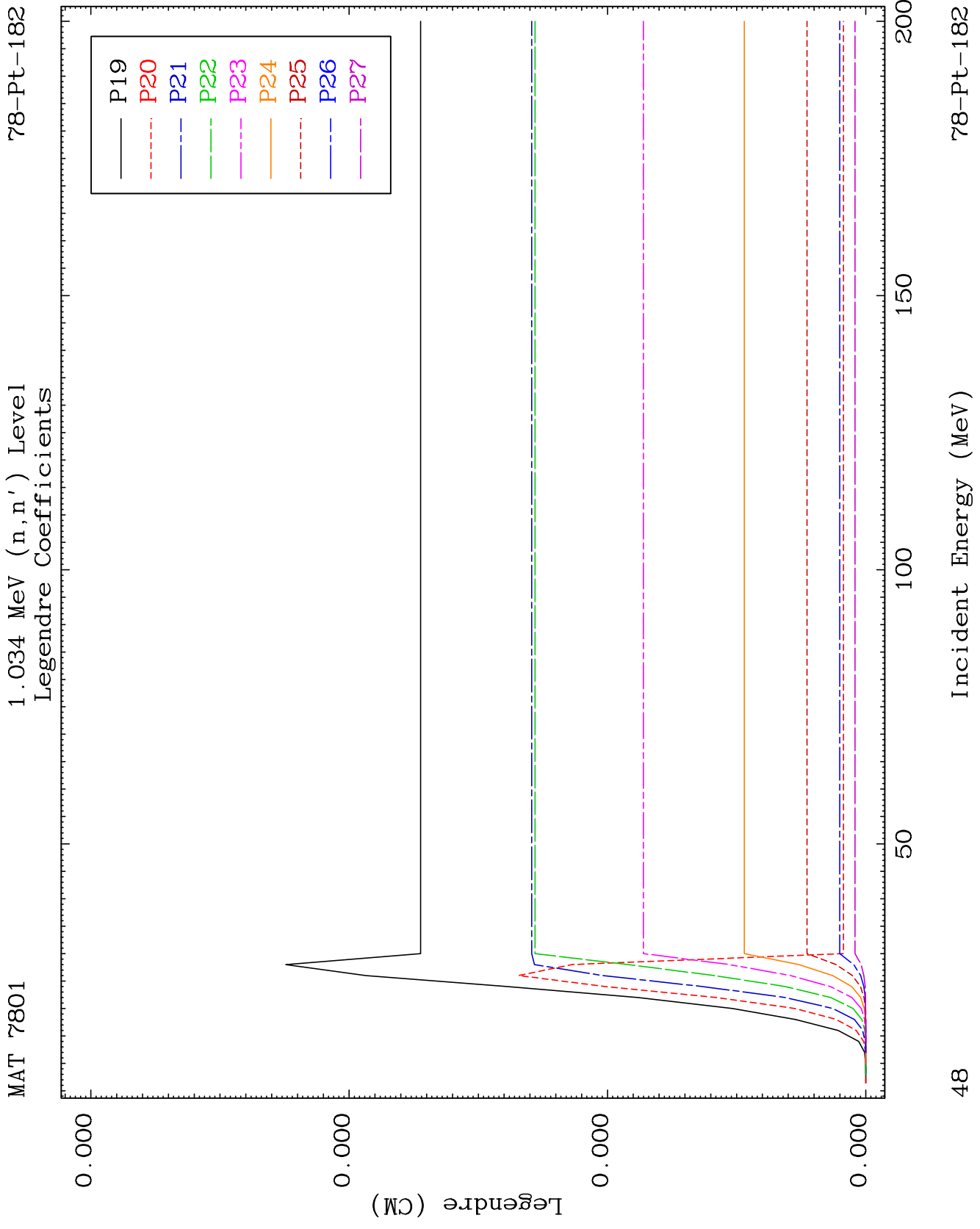
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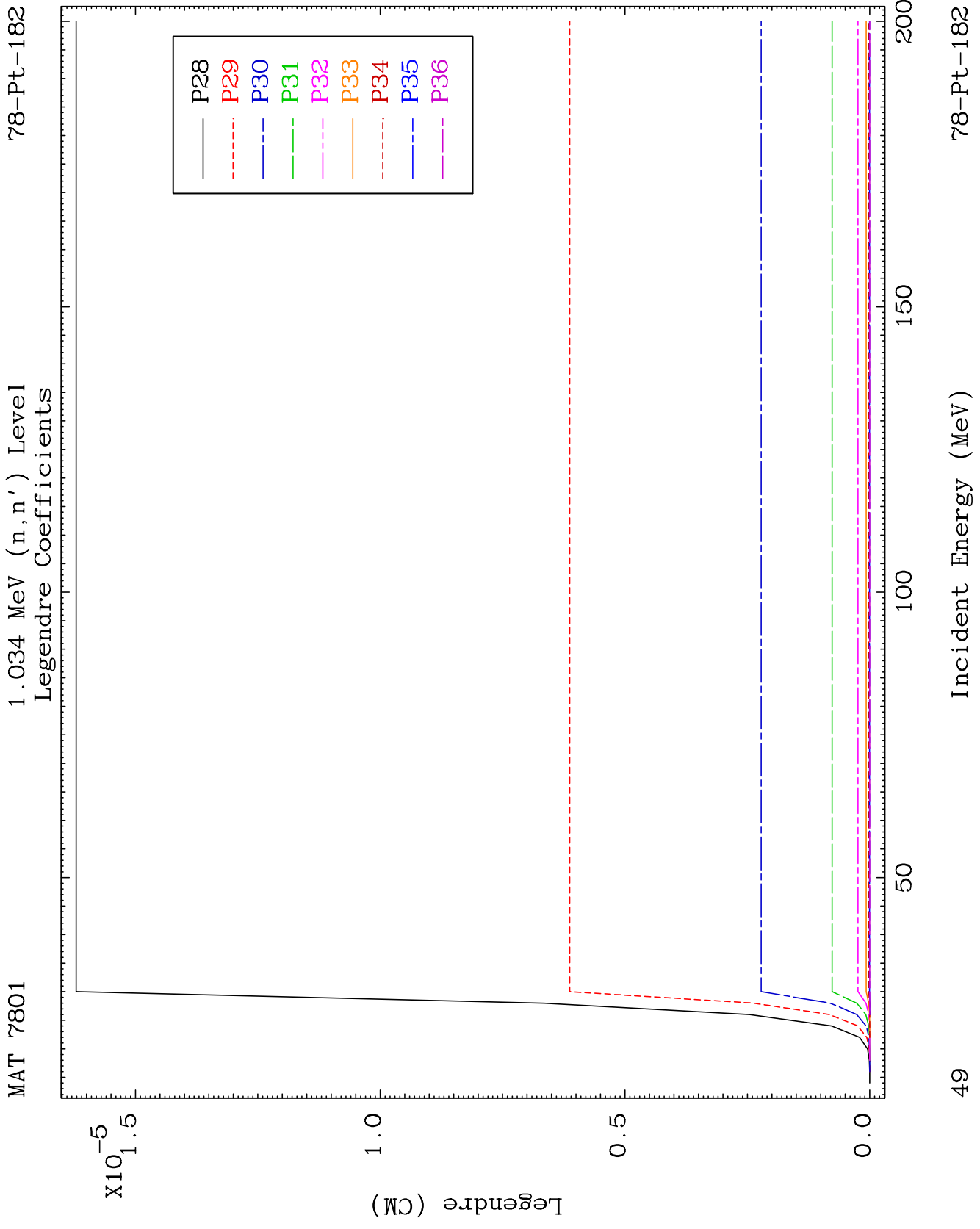
Incident Energy (MeV)

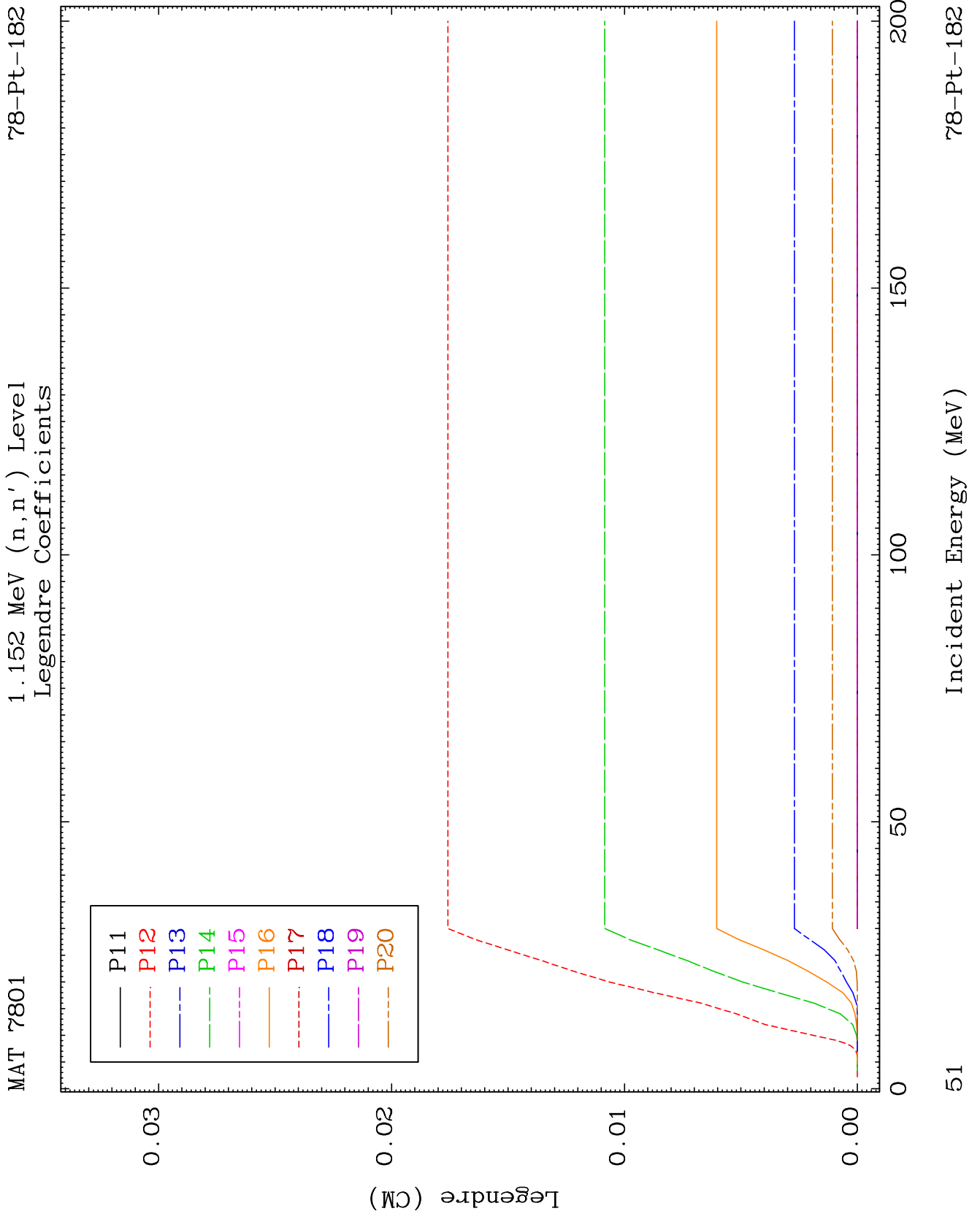
78-Pt-182

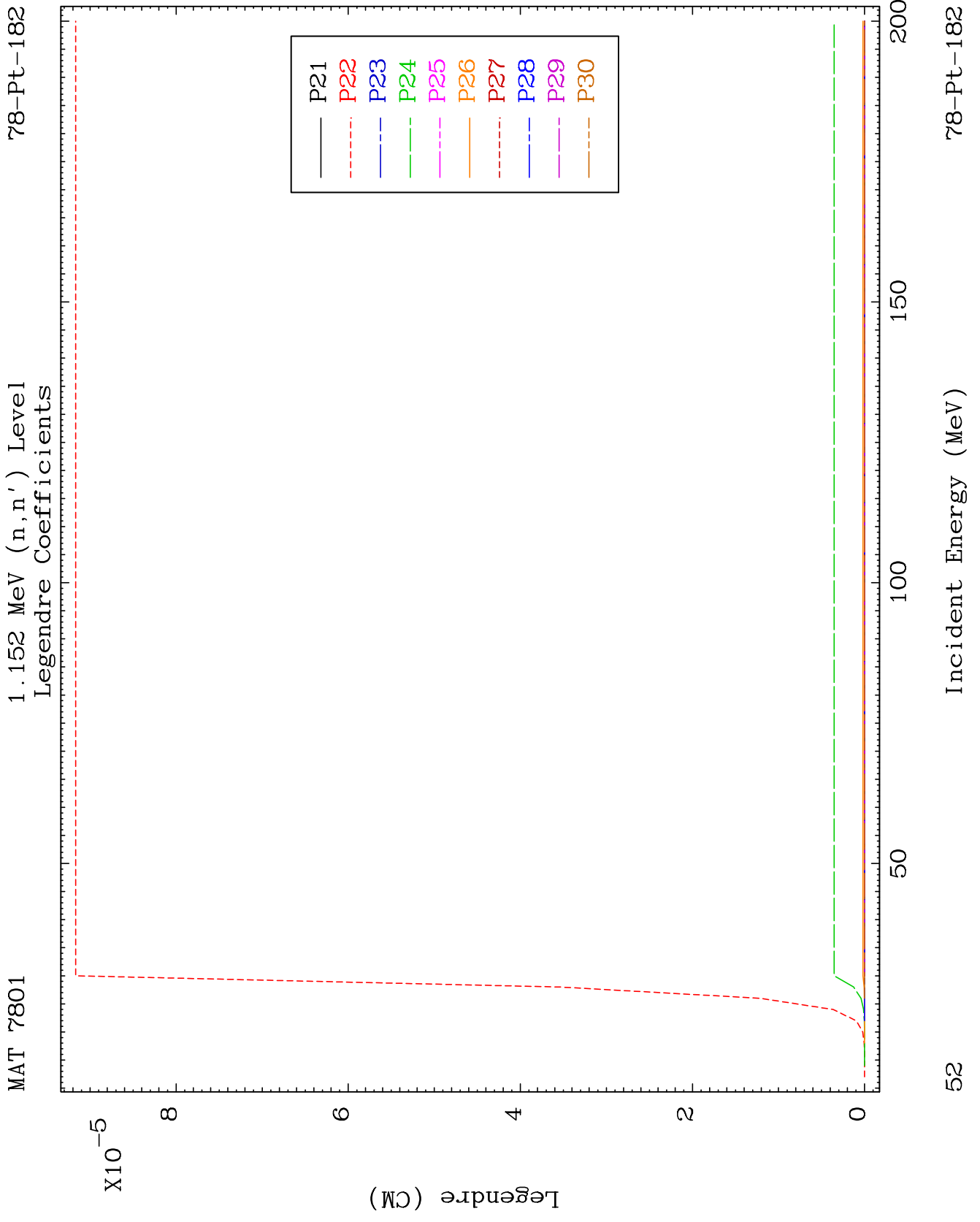


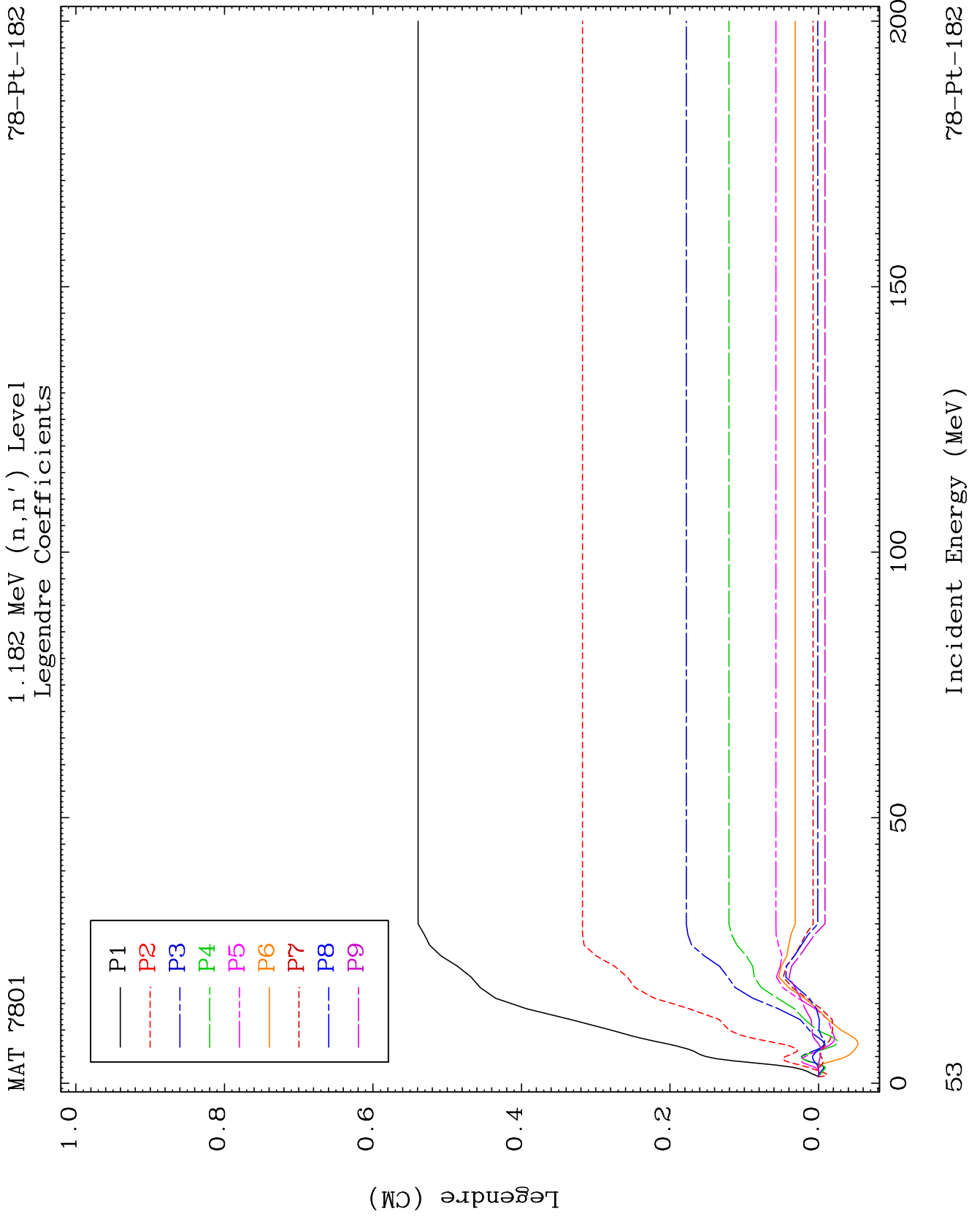


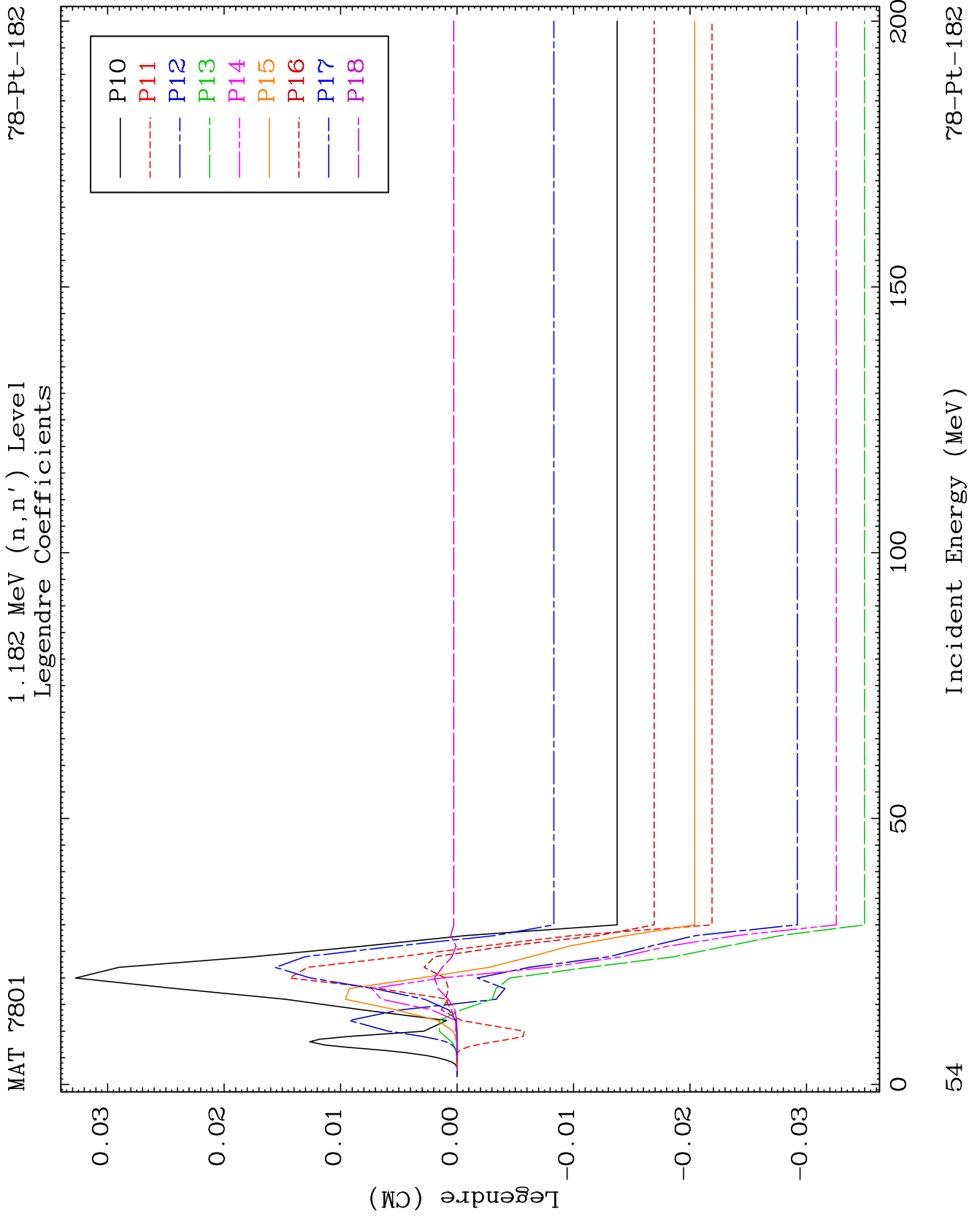


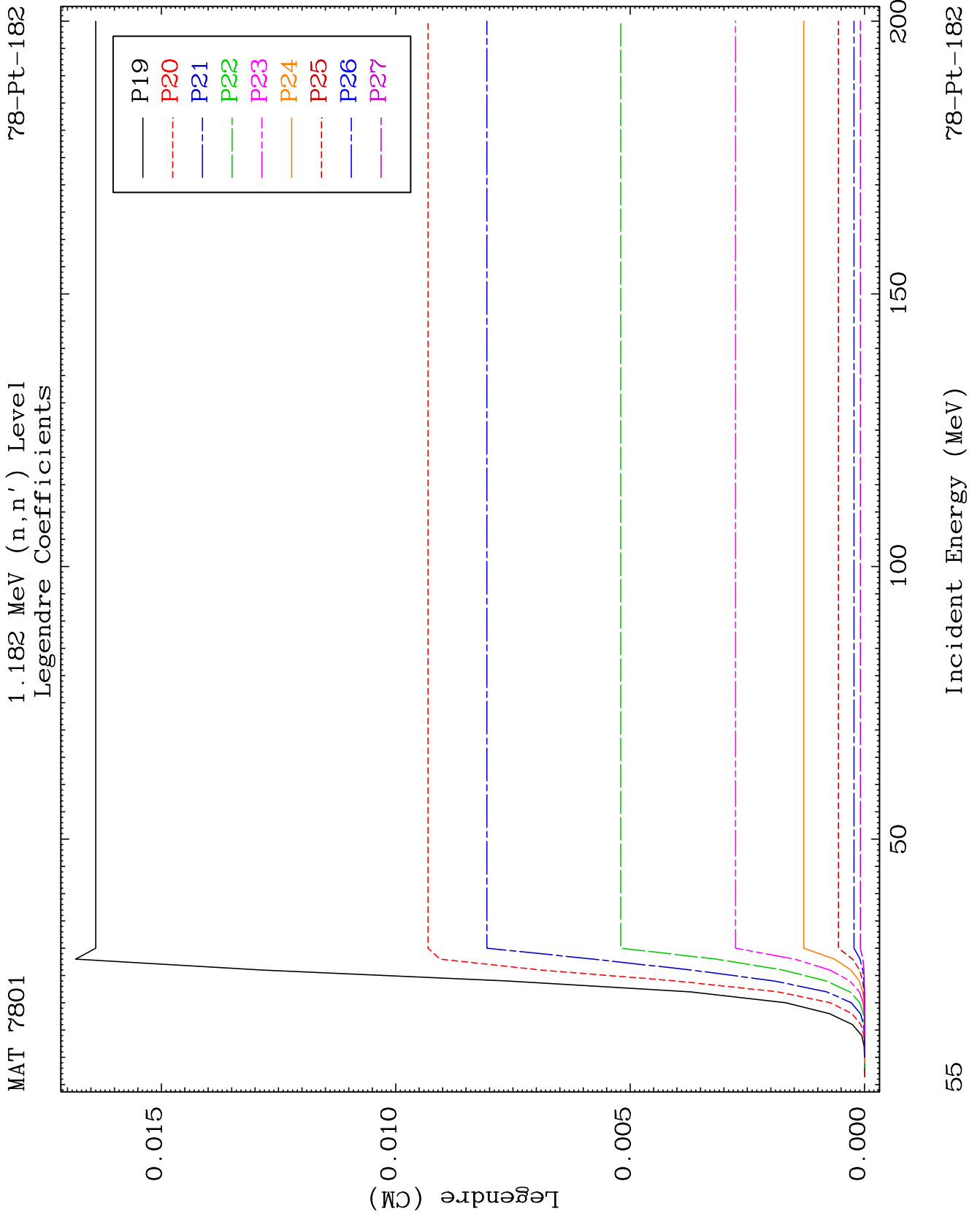


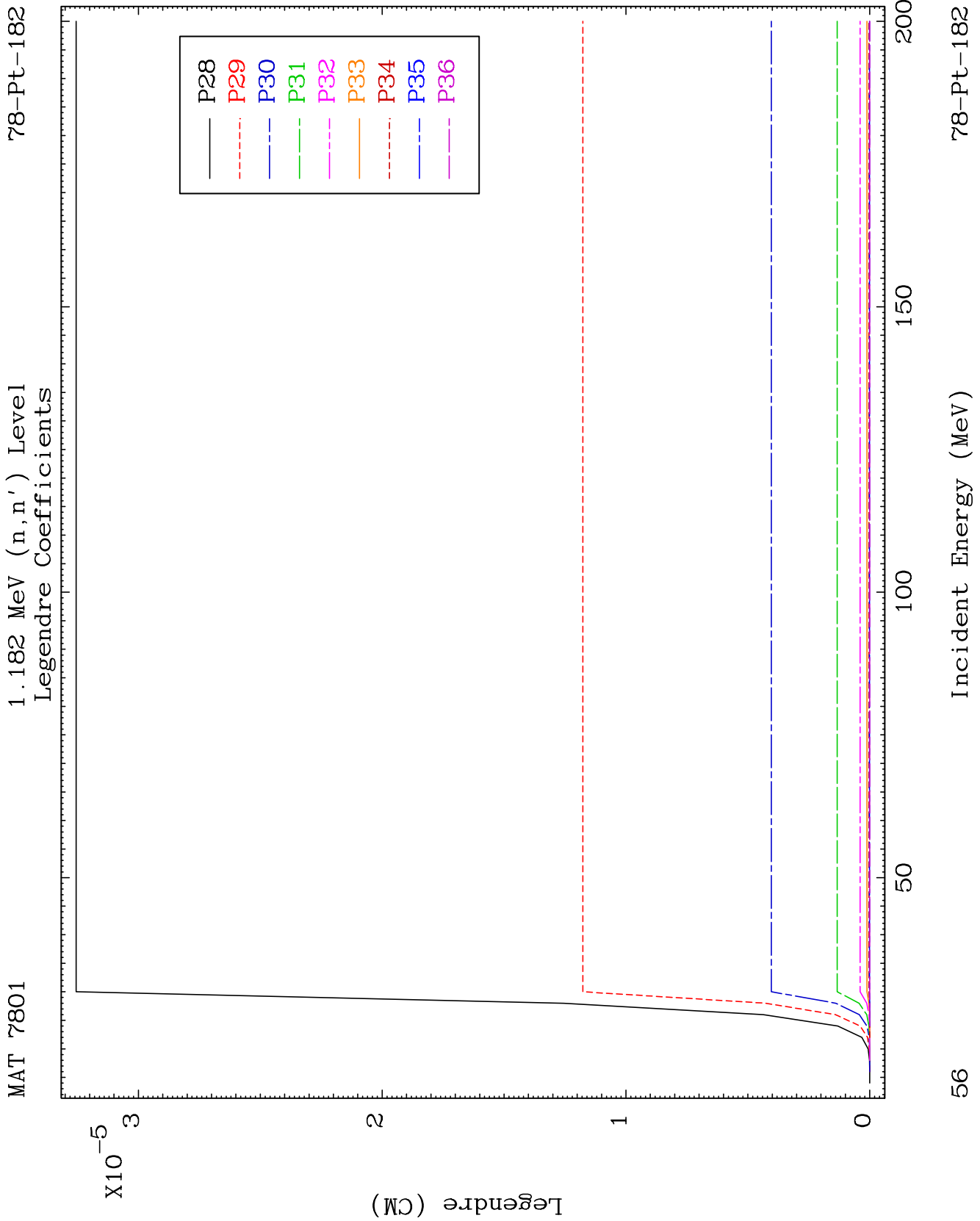


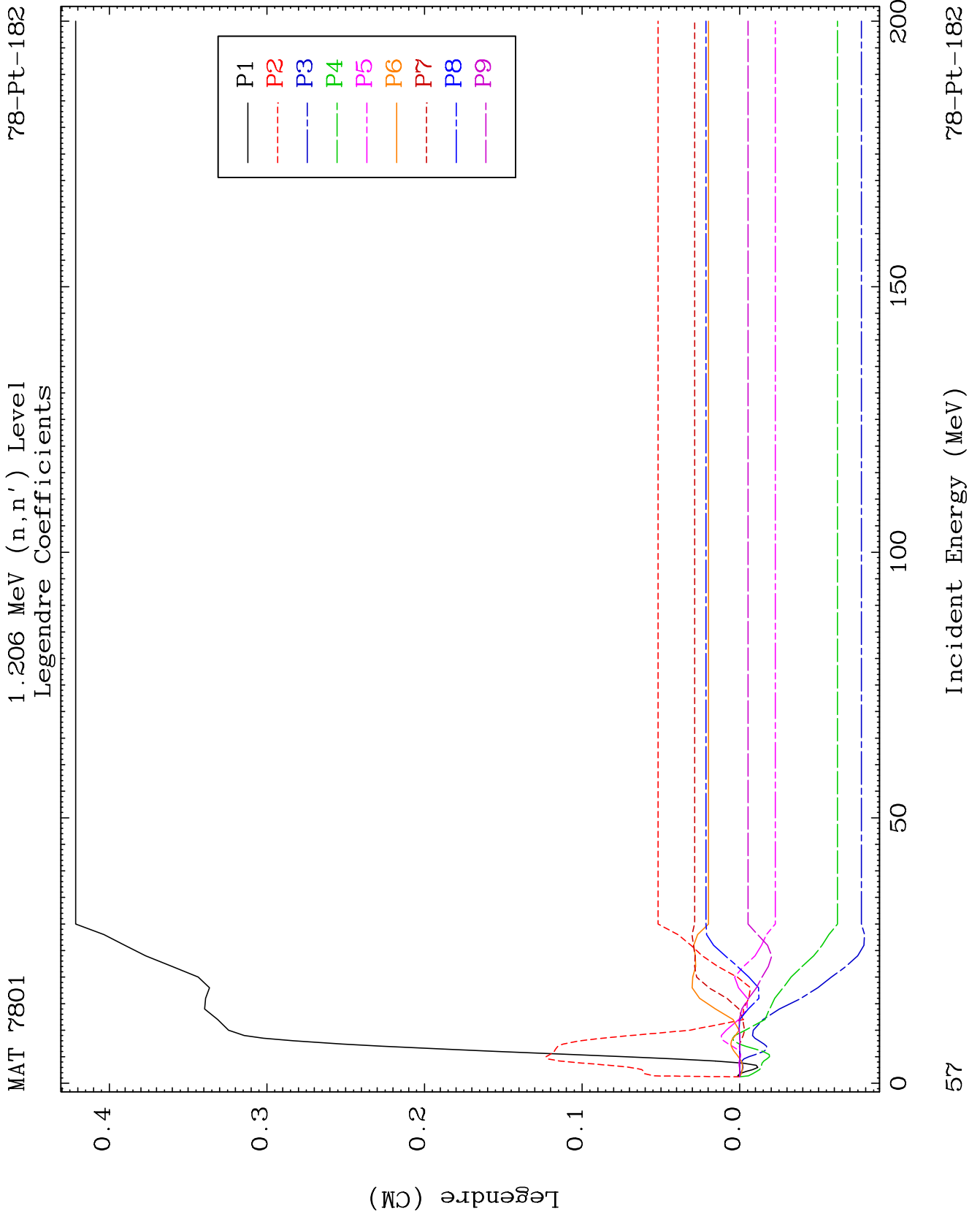


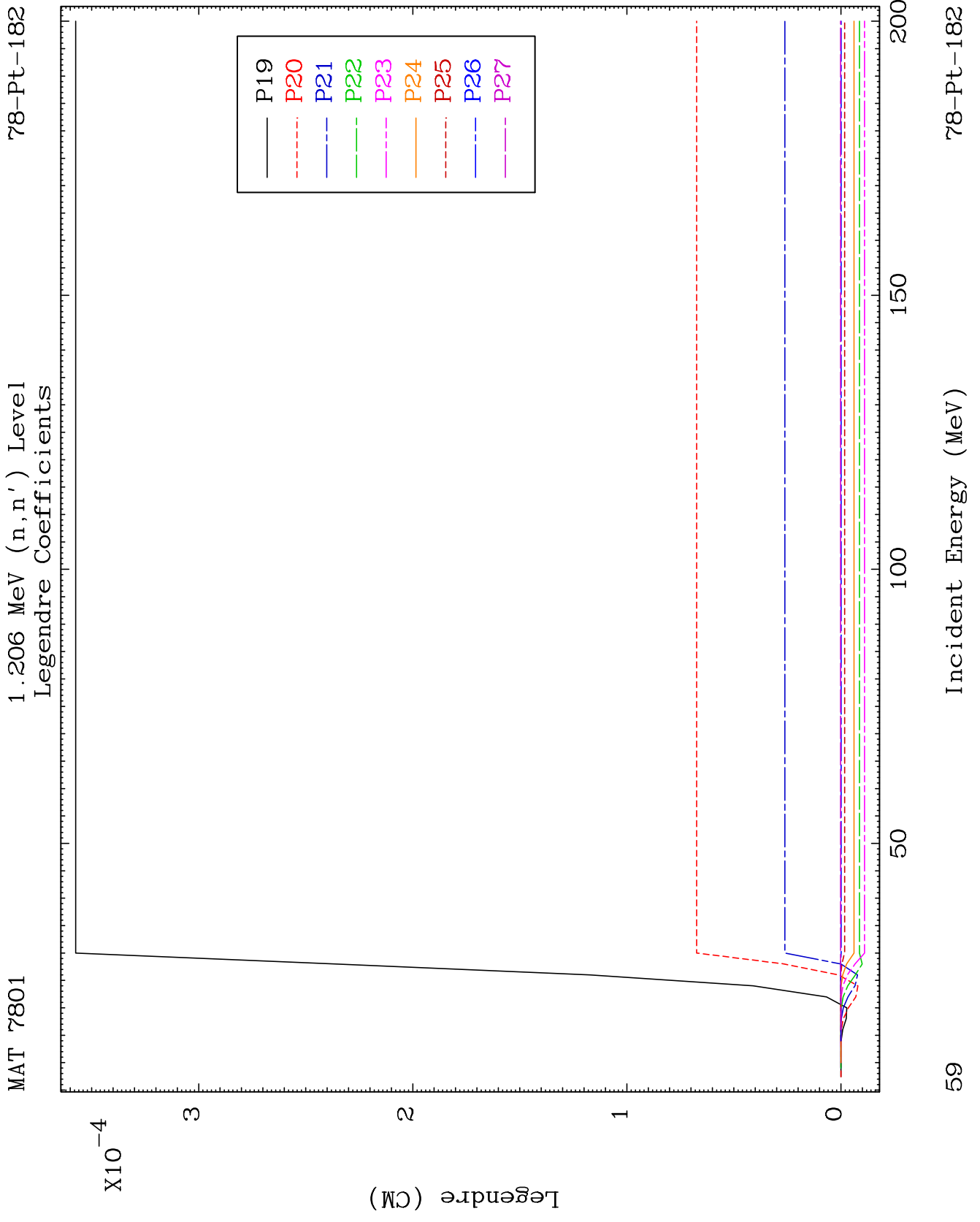








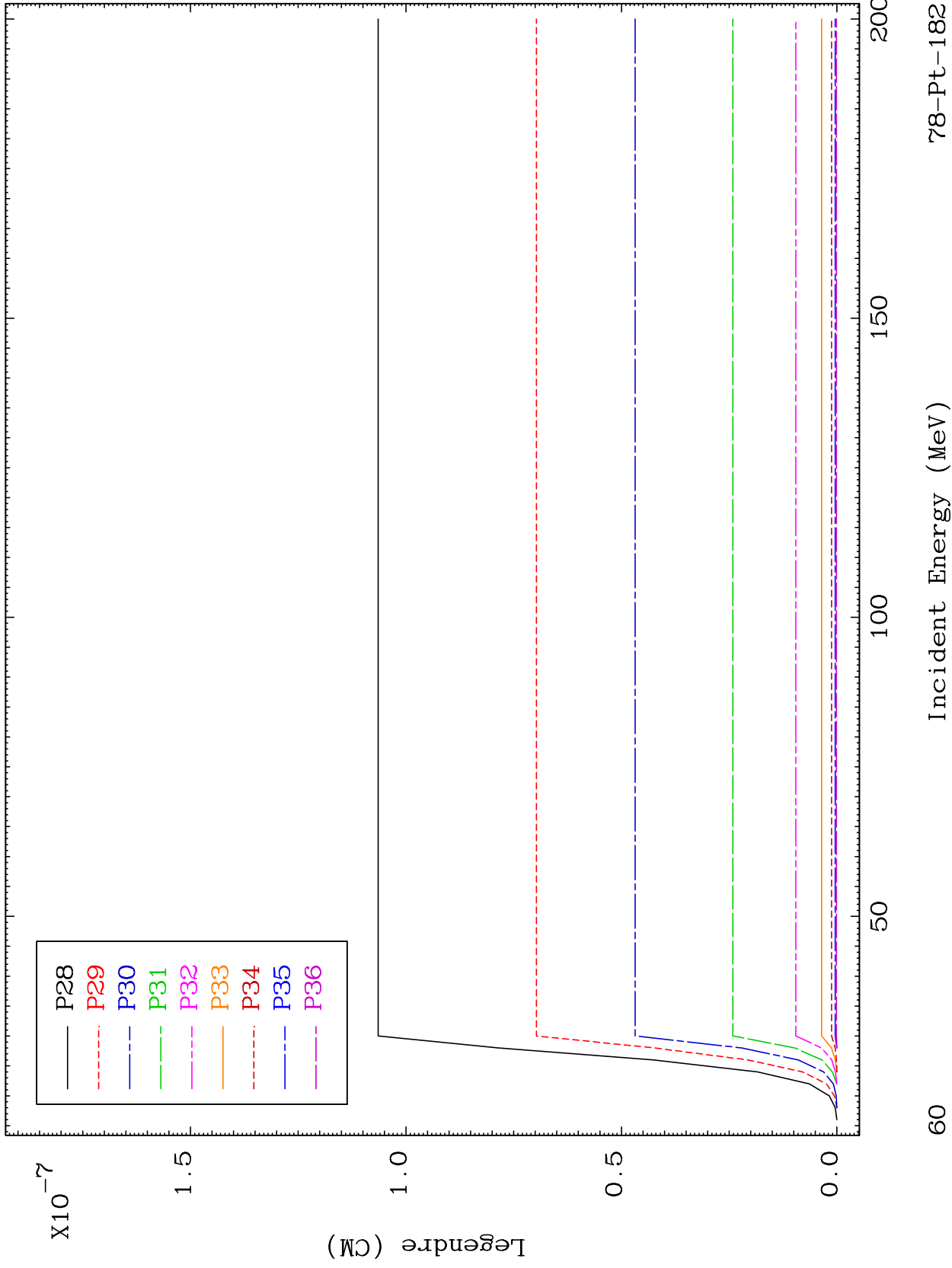


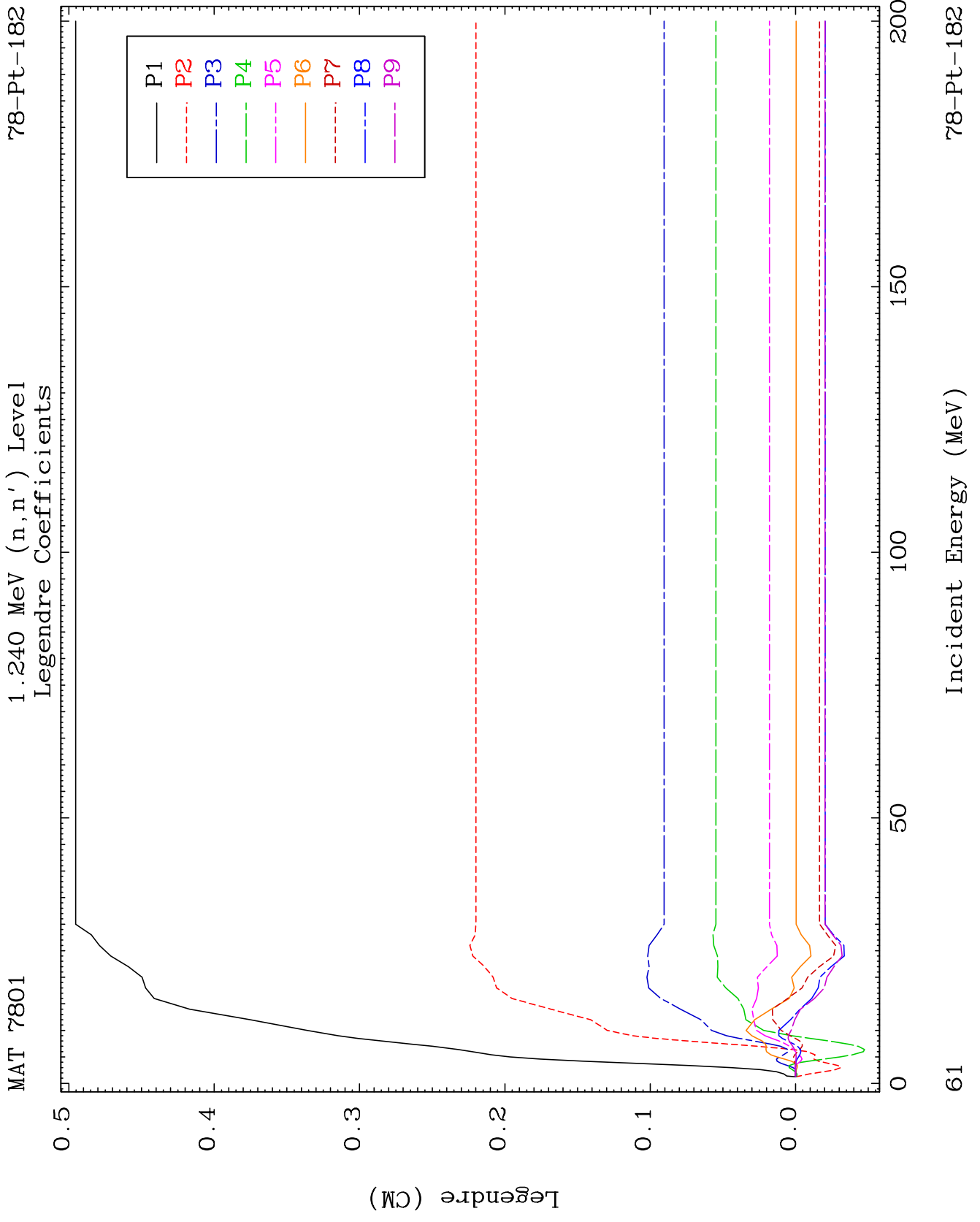


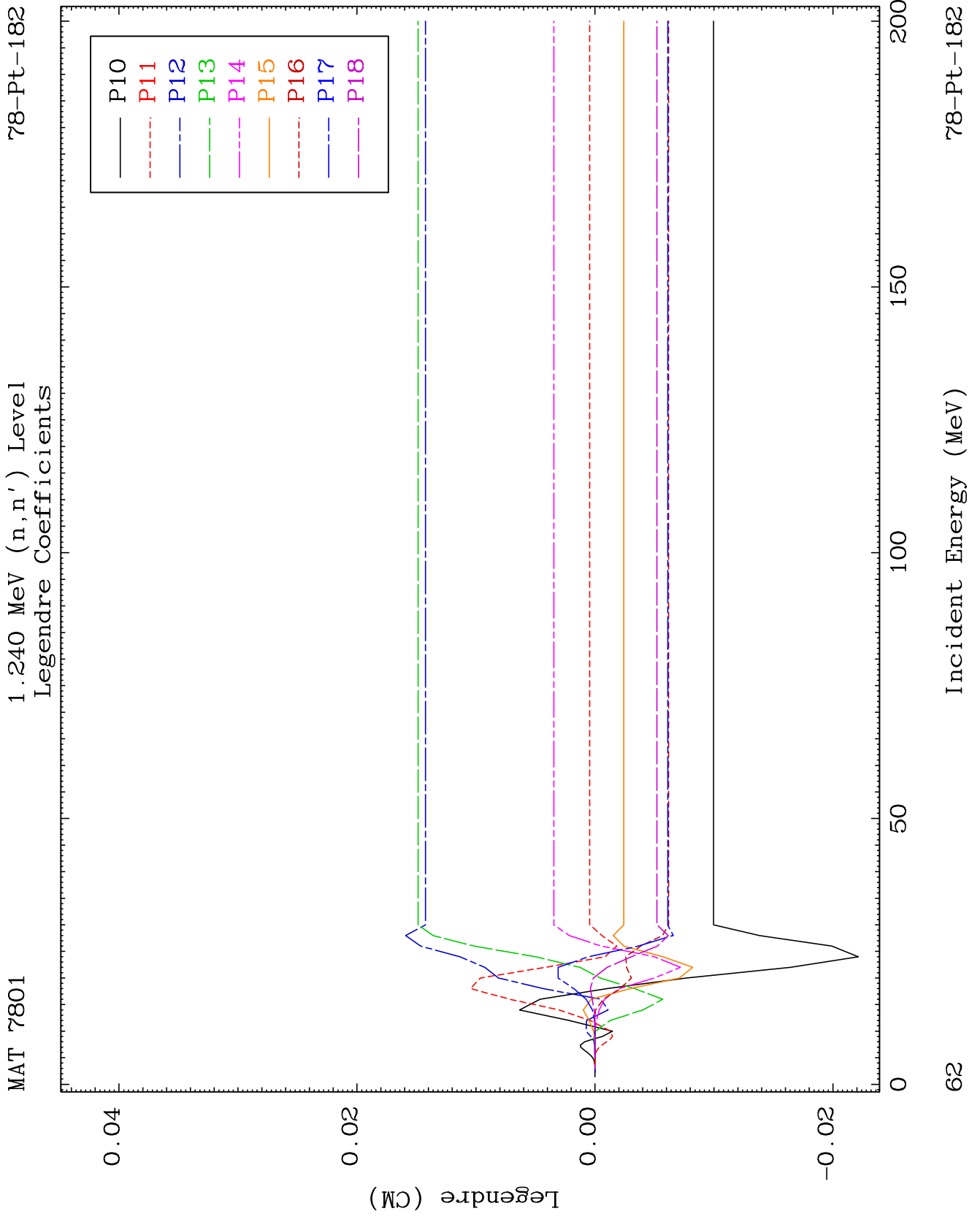
MAT 7801

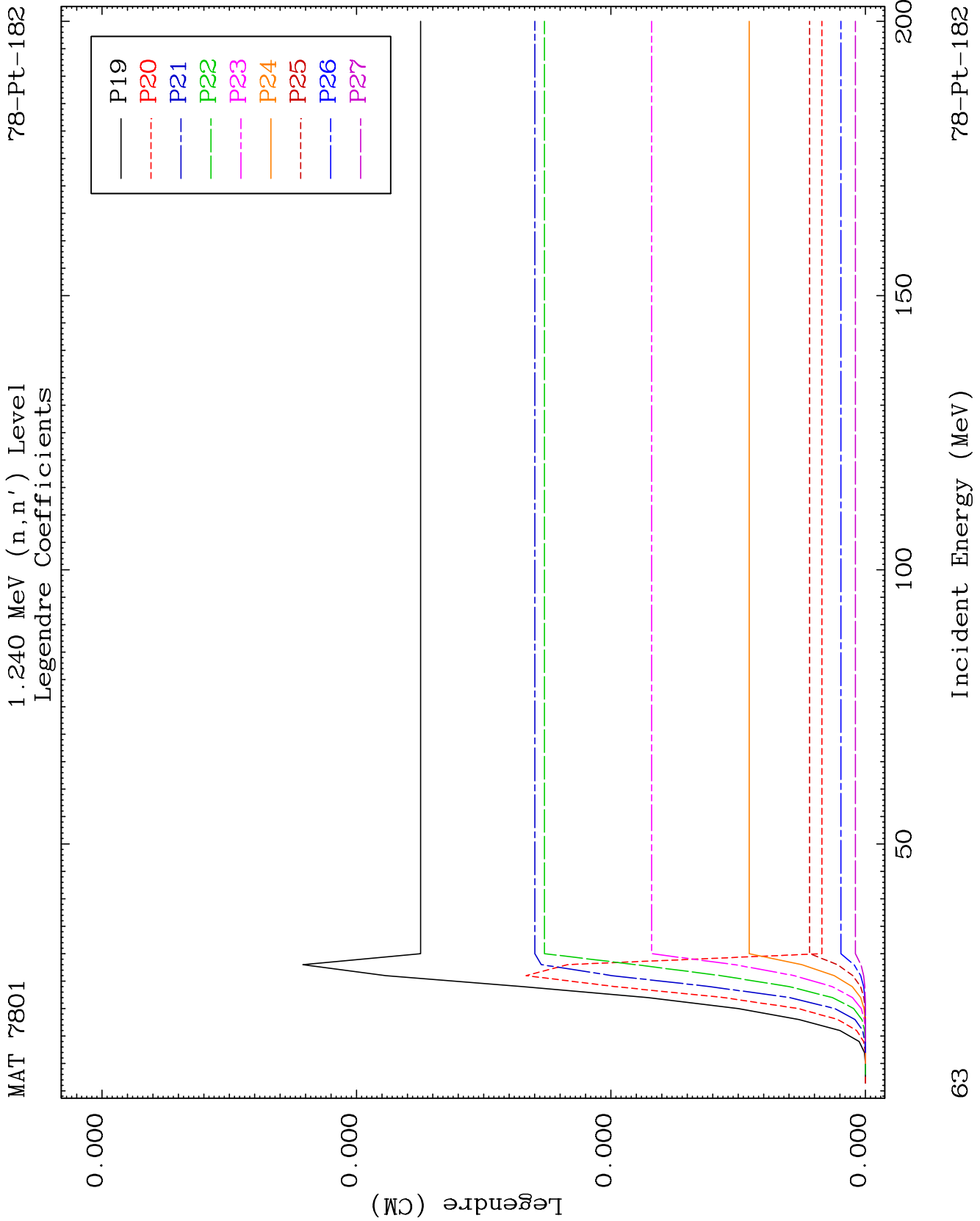
1.206 MeV (n,n') Level
Legendre Coefficients

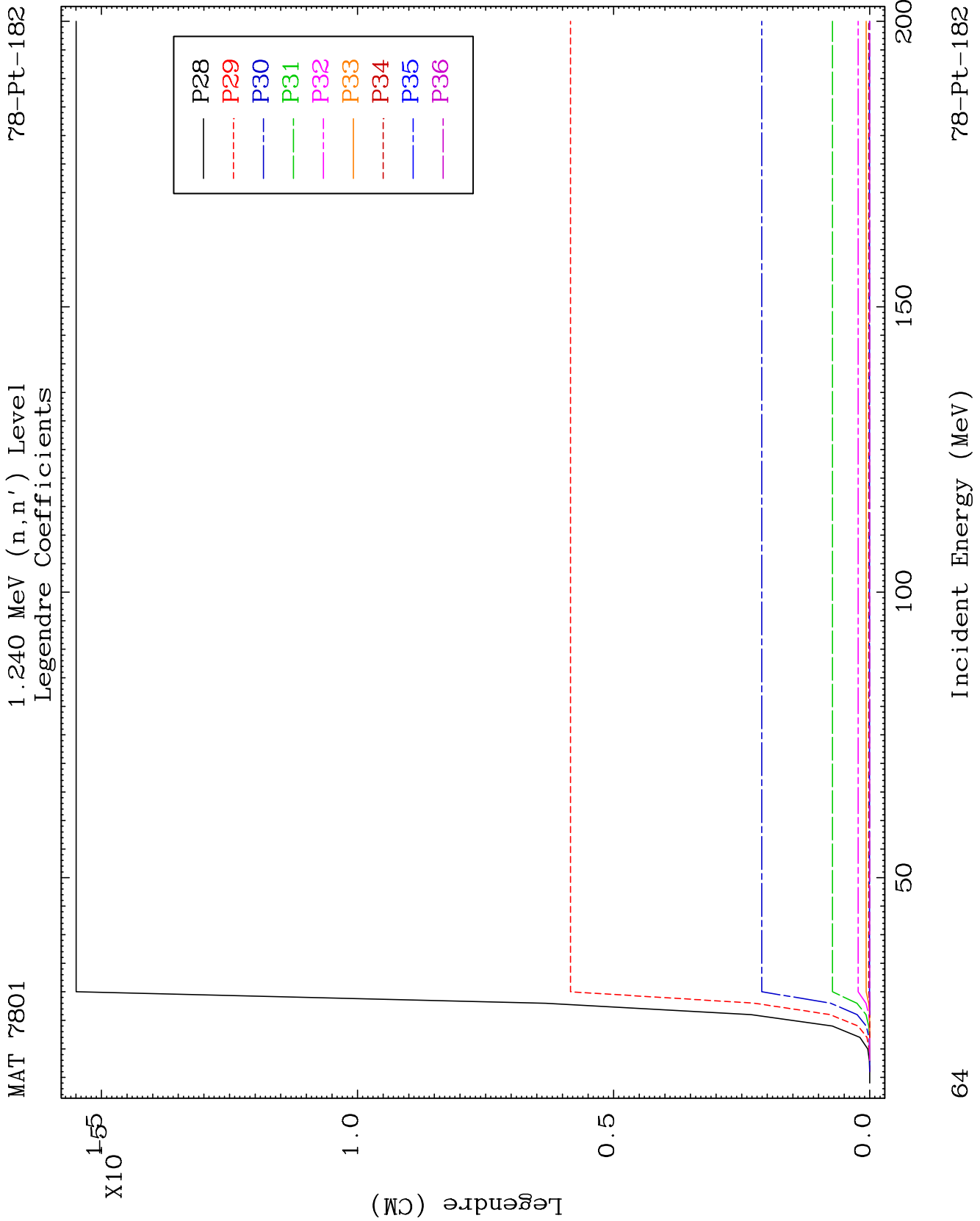
78-Pt-182

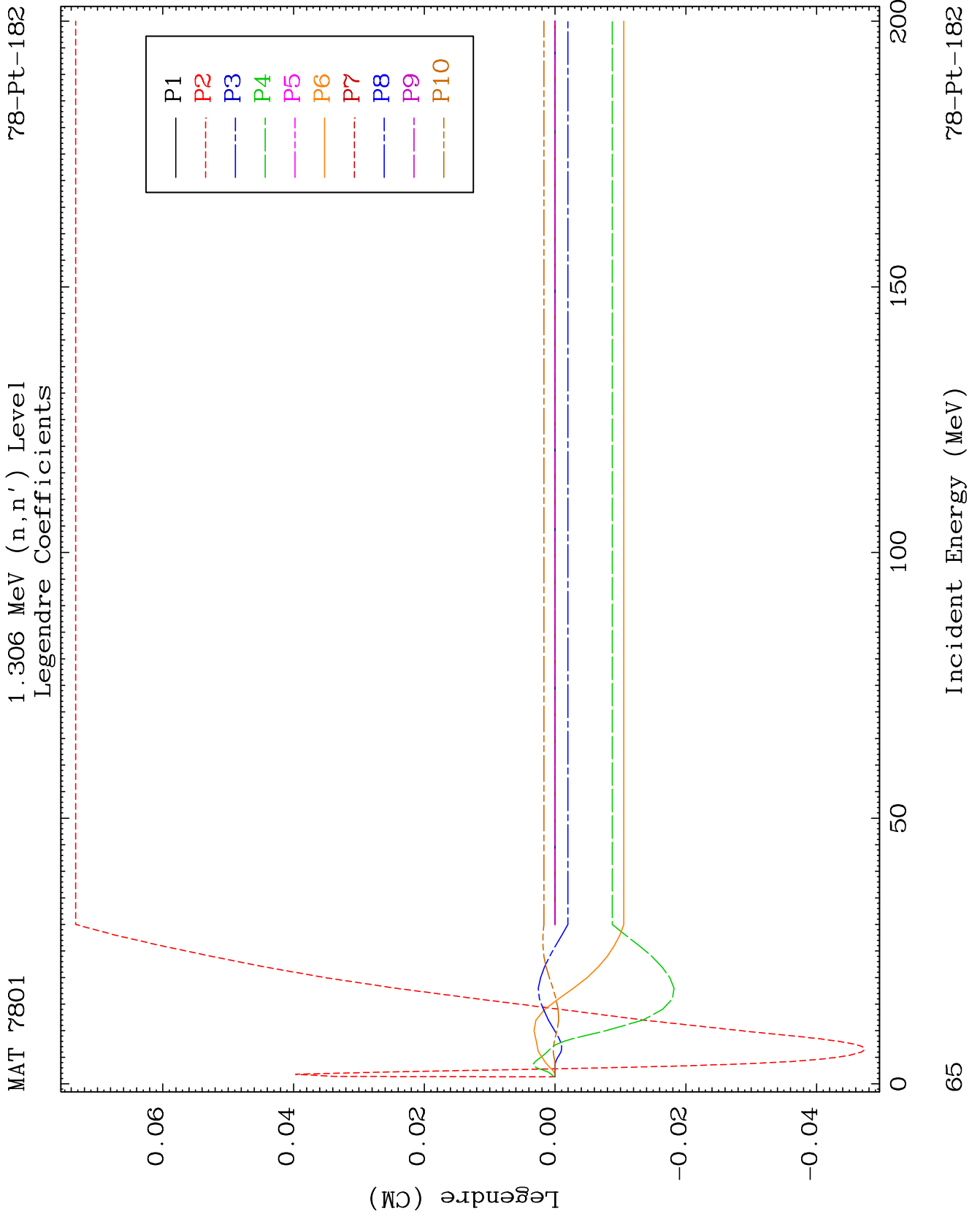


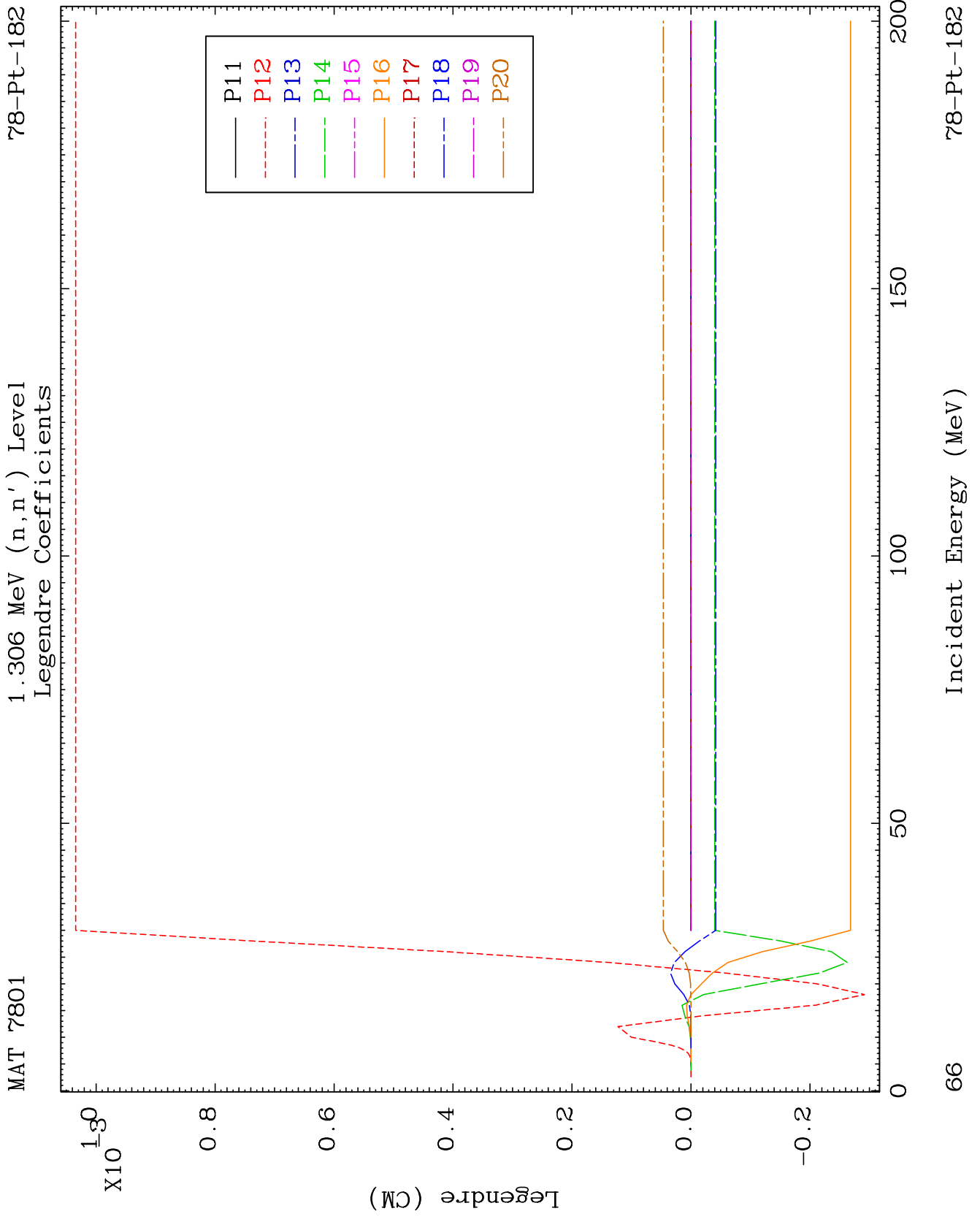


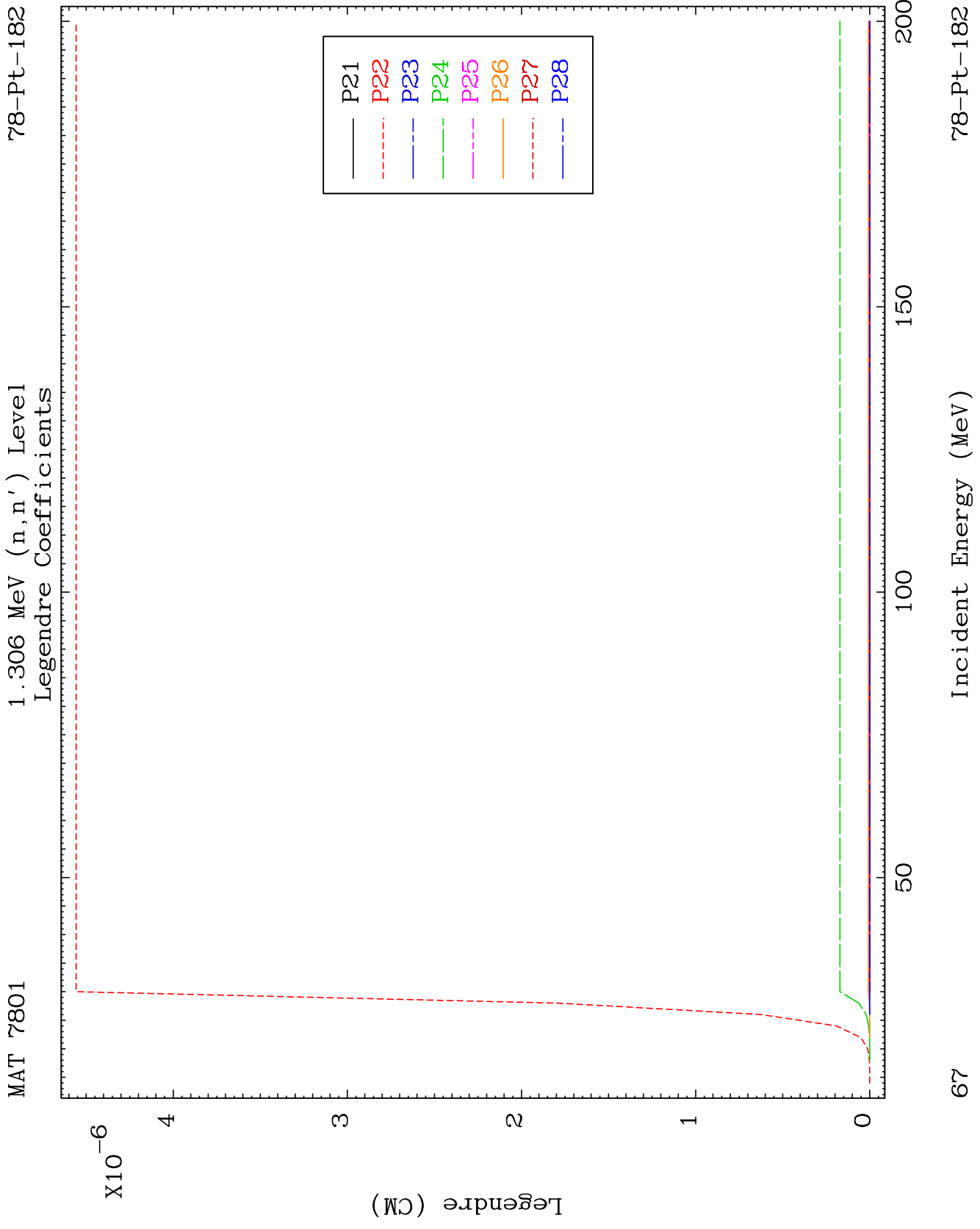


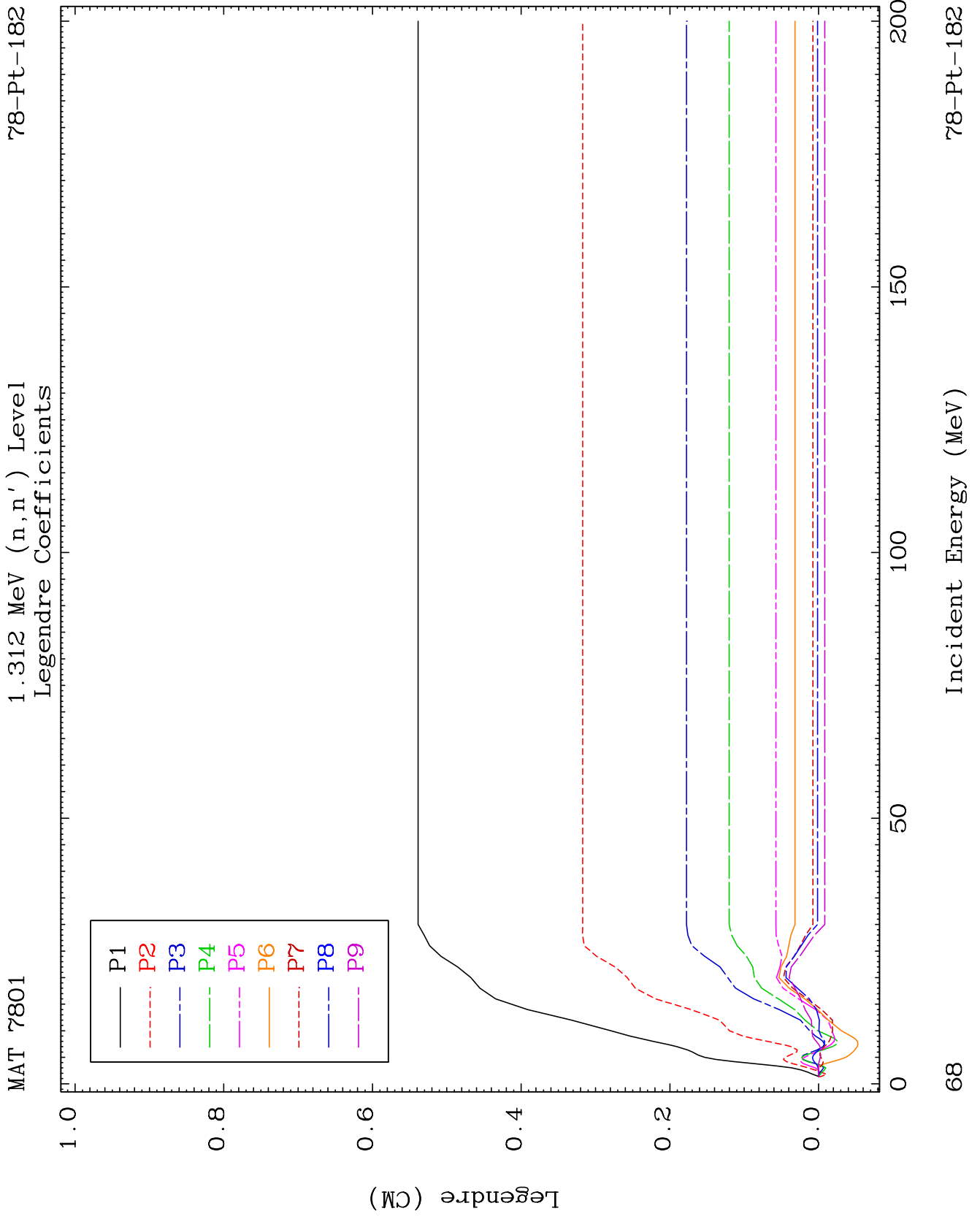


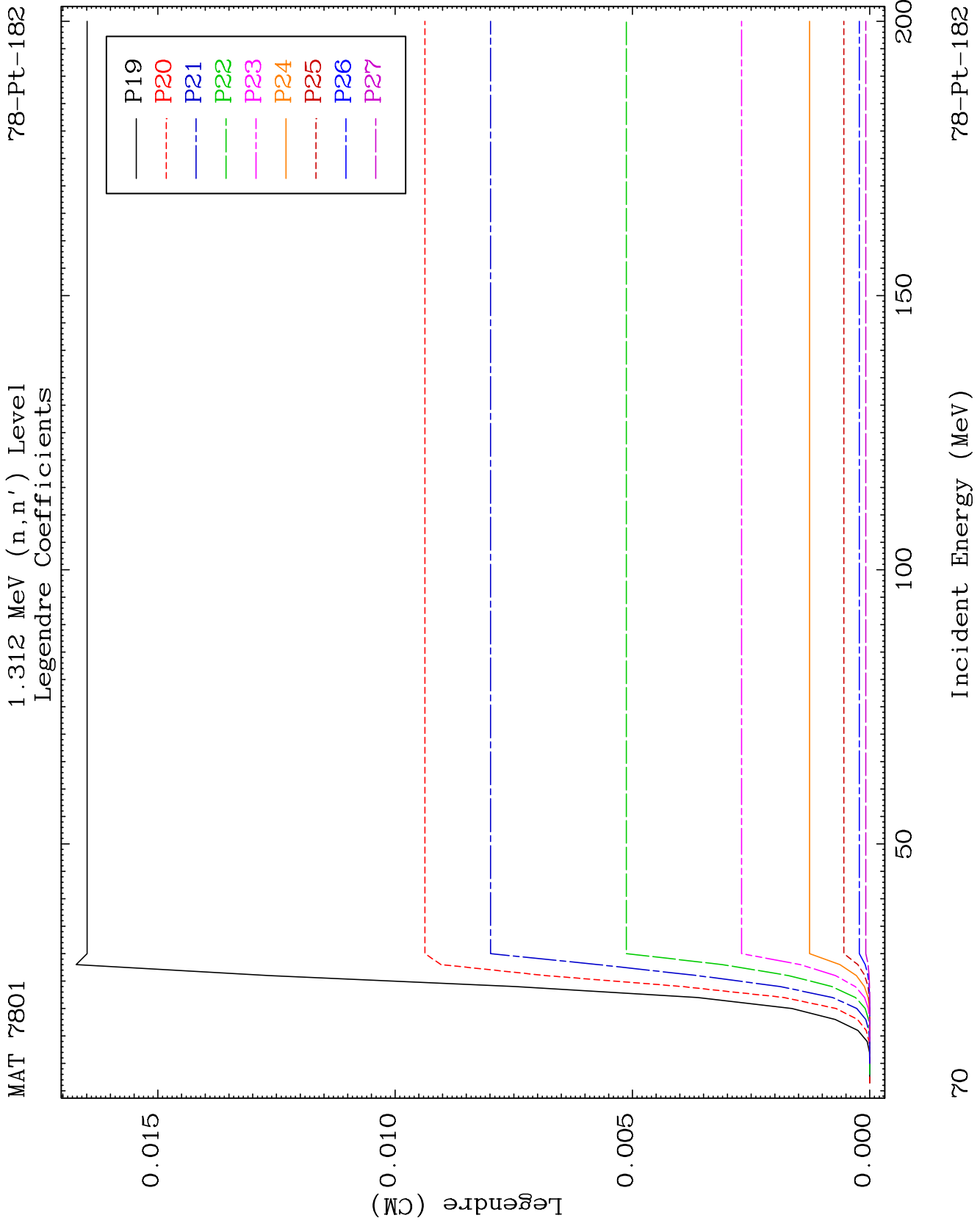


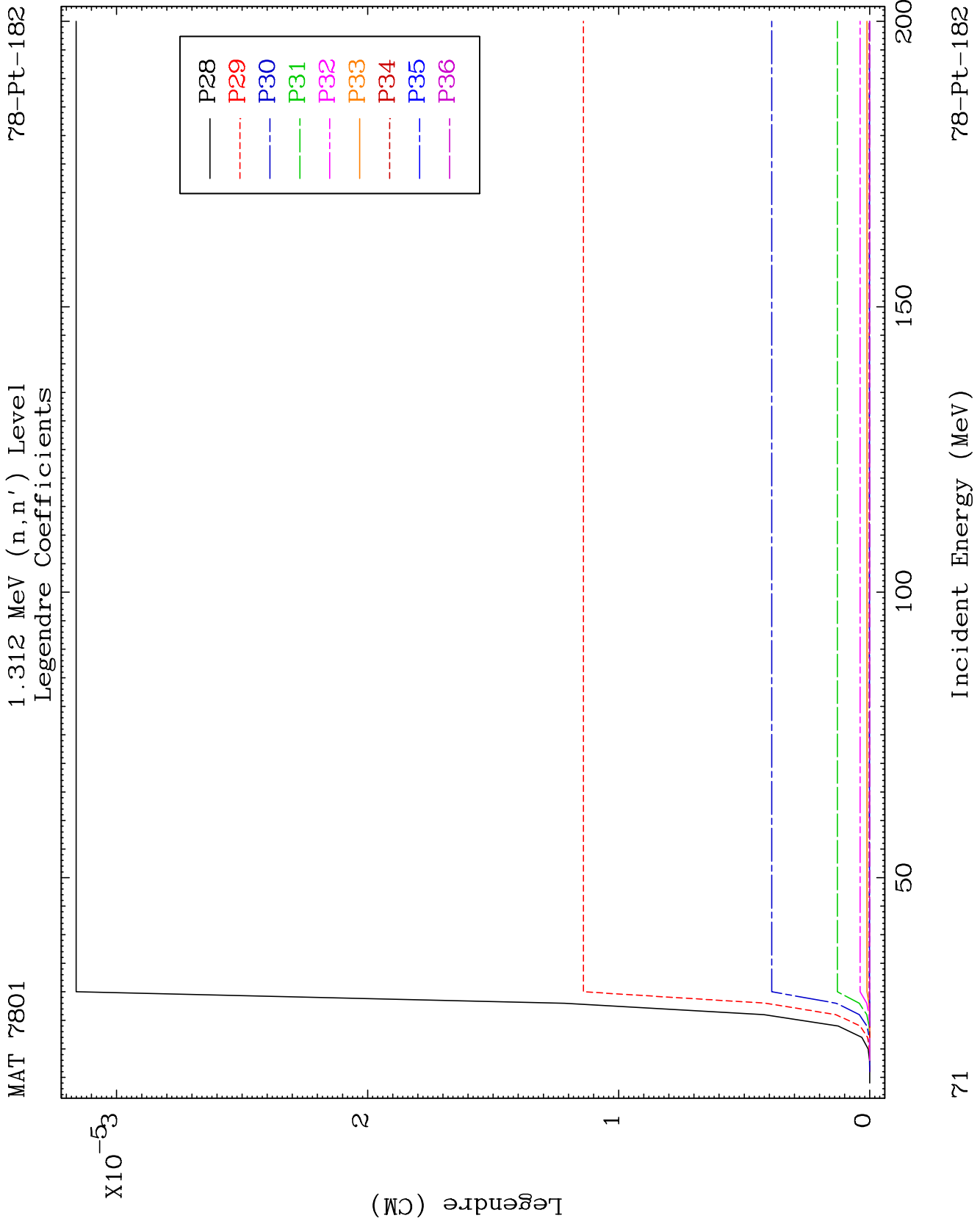


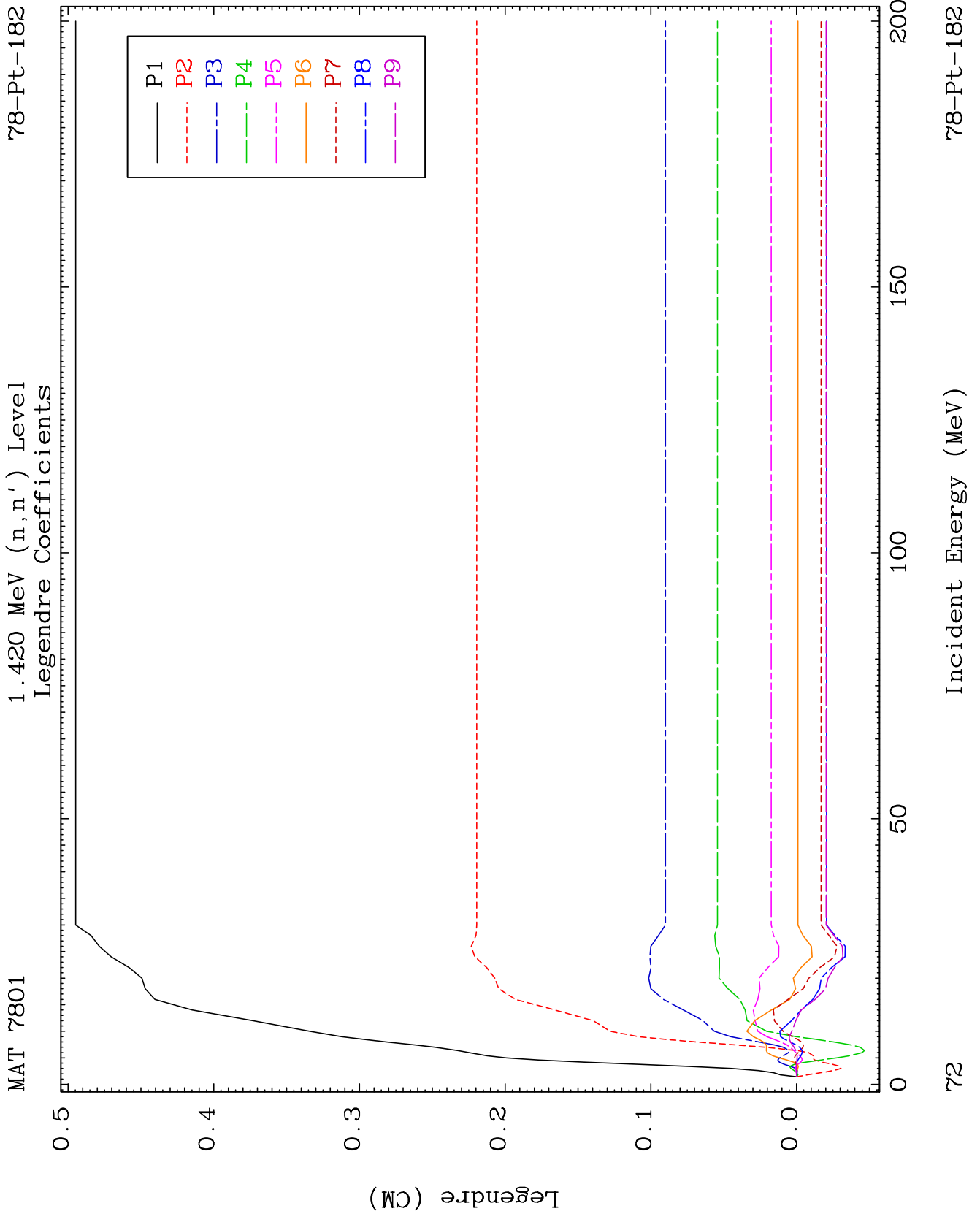


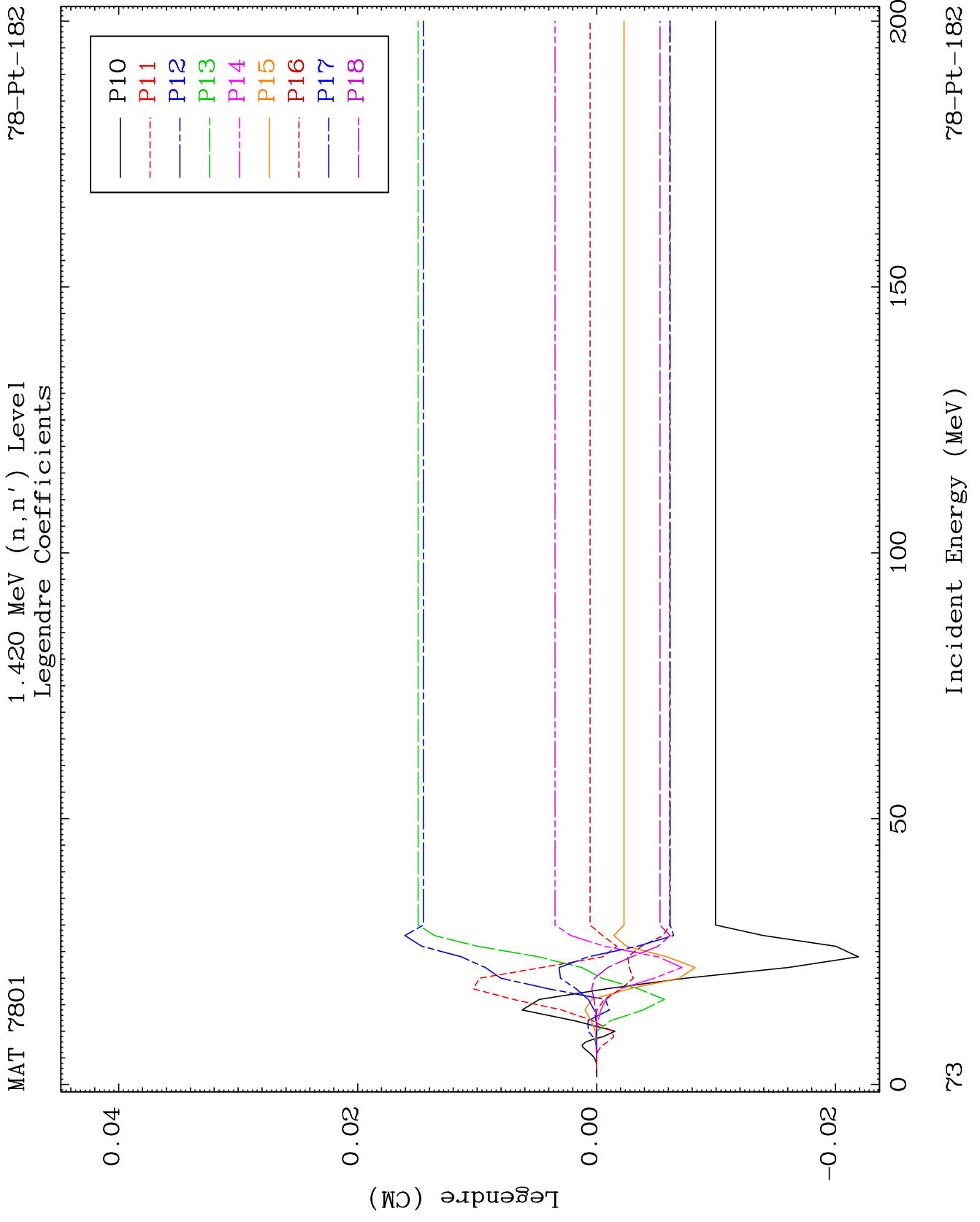


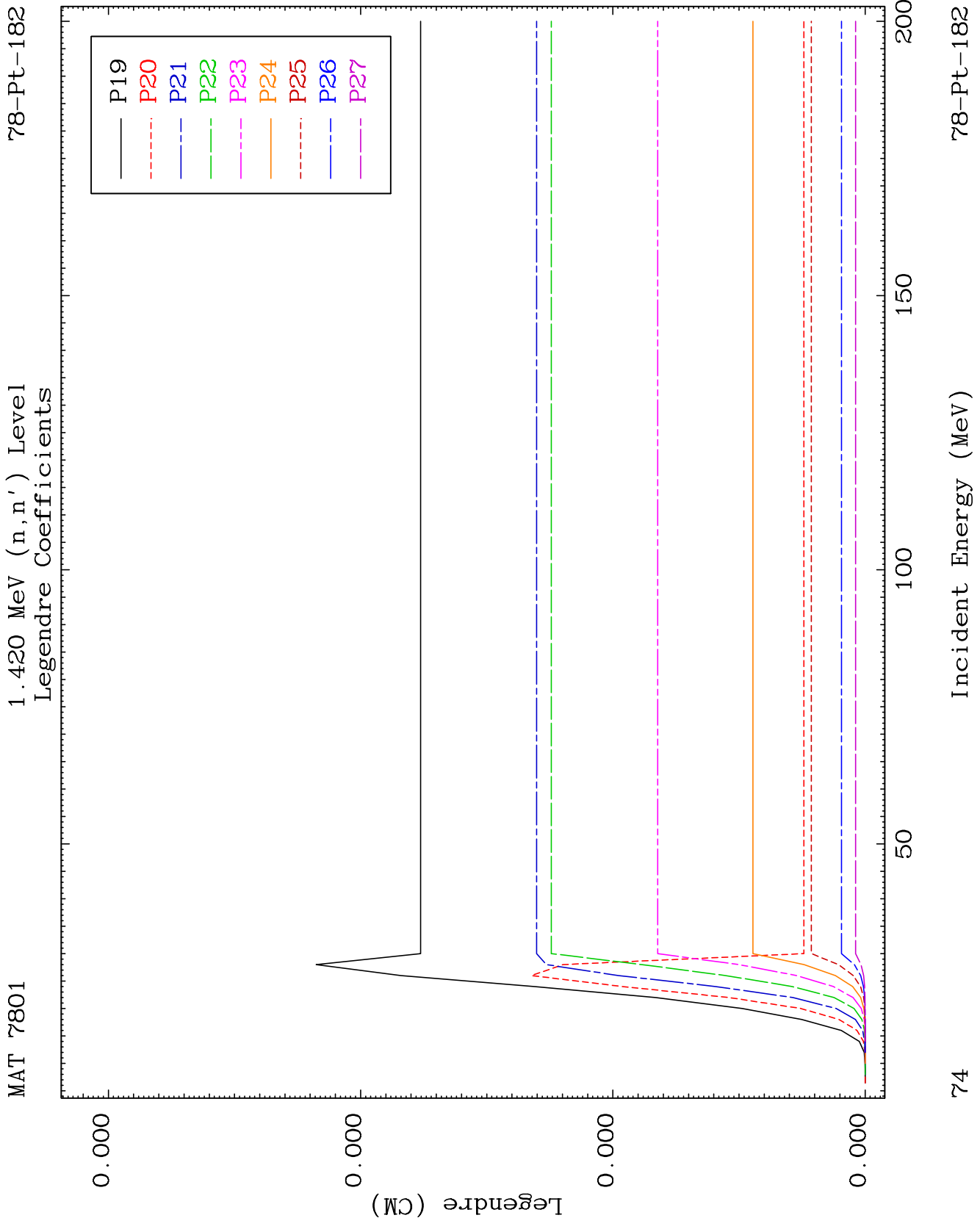


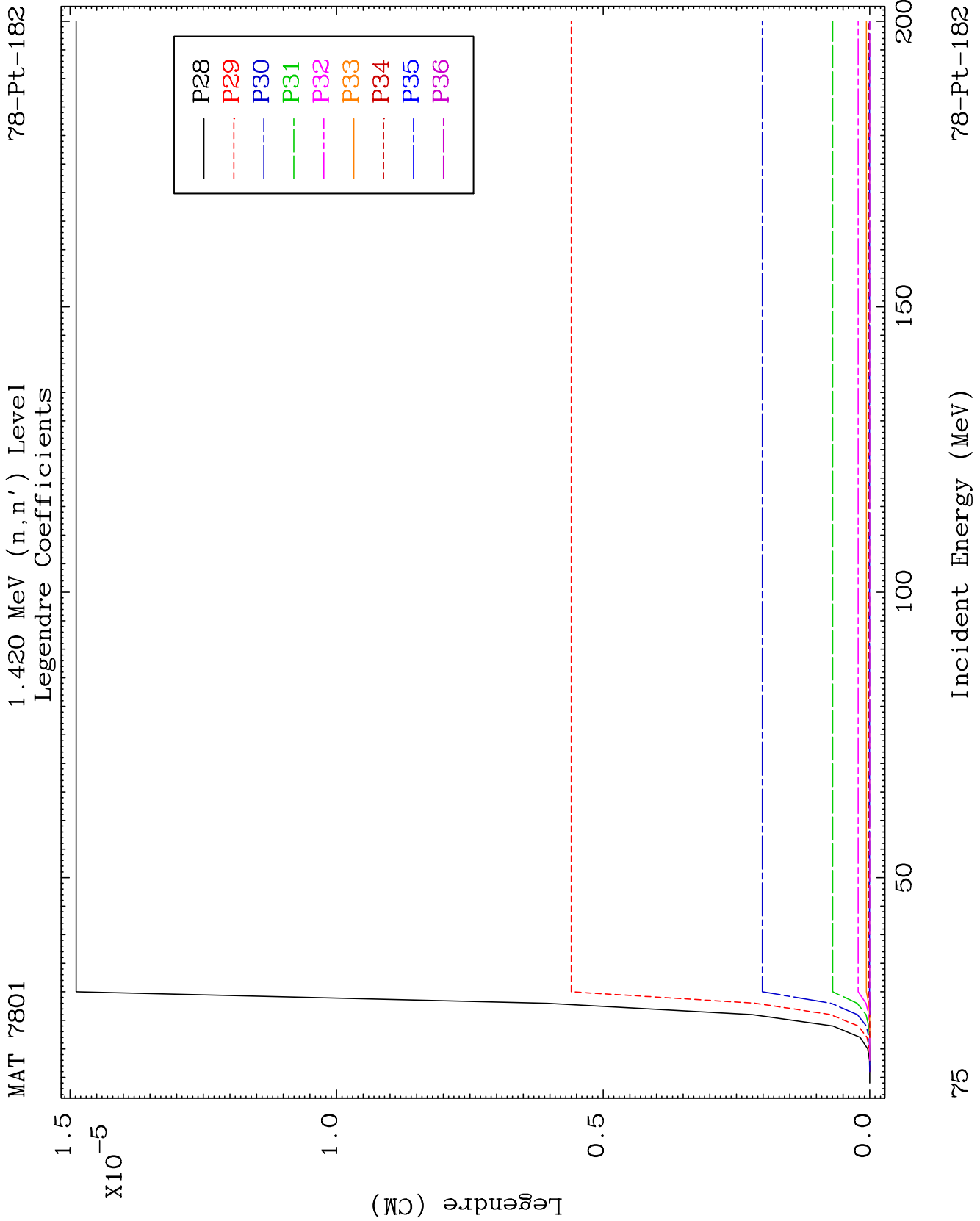








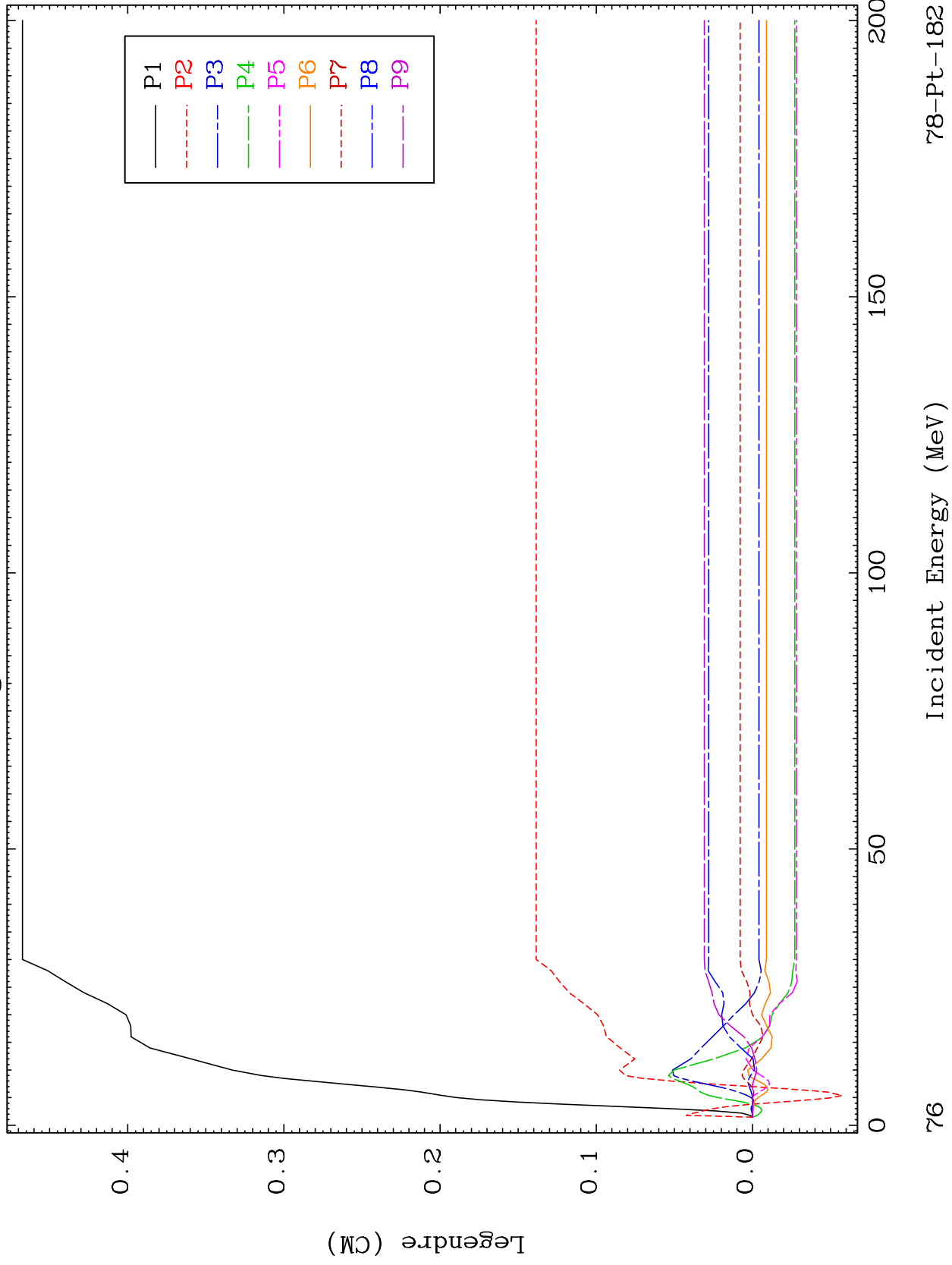




MAT 7801

1.438 MeV (n,n') Level
Legendre Coefficients

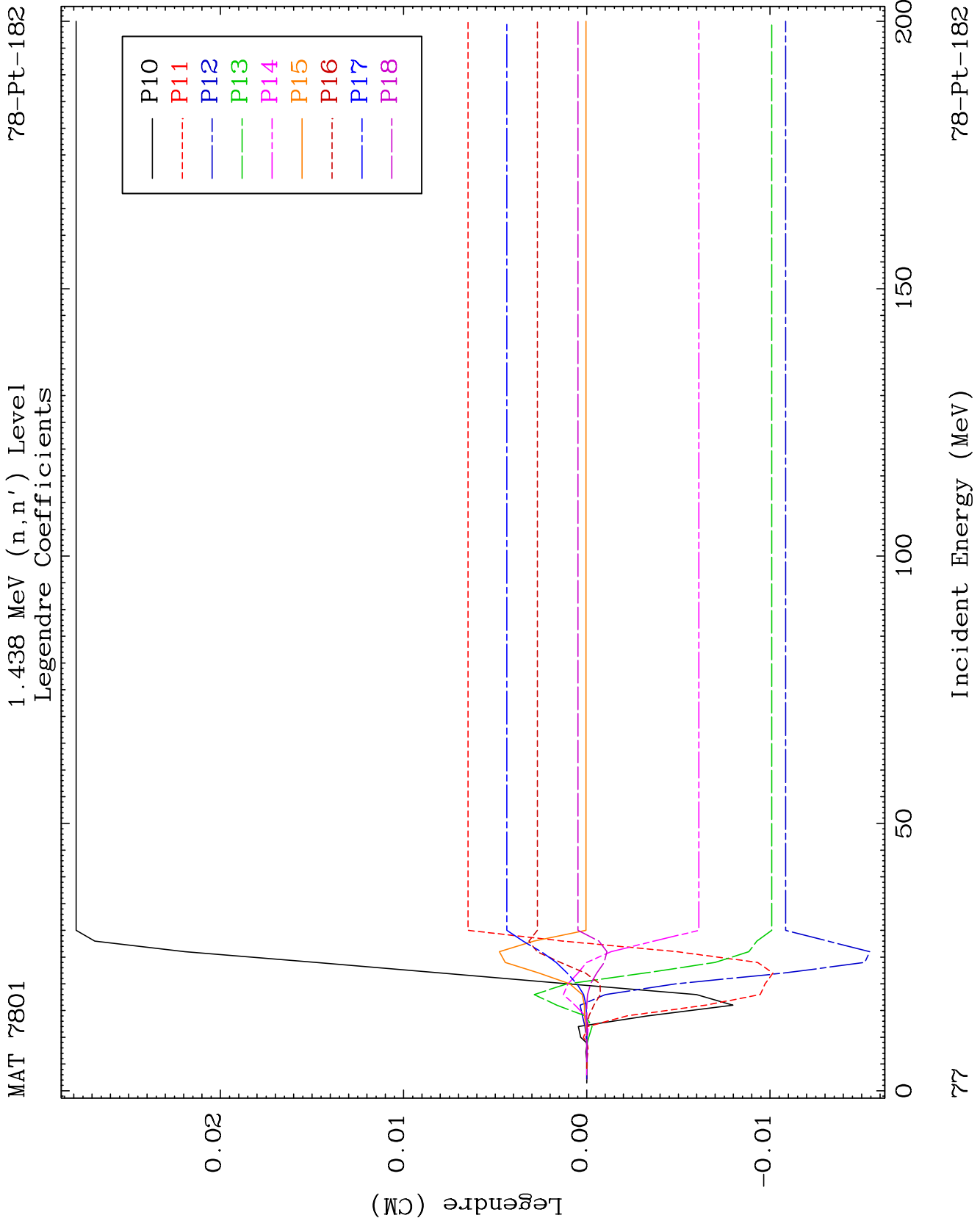
78-Pt-182

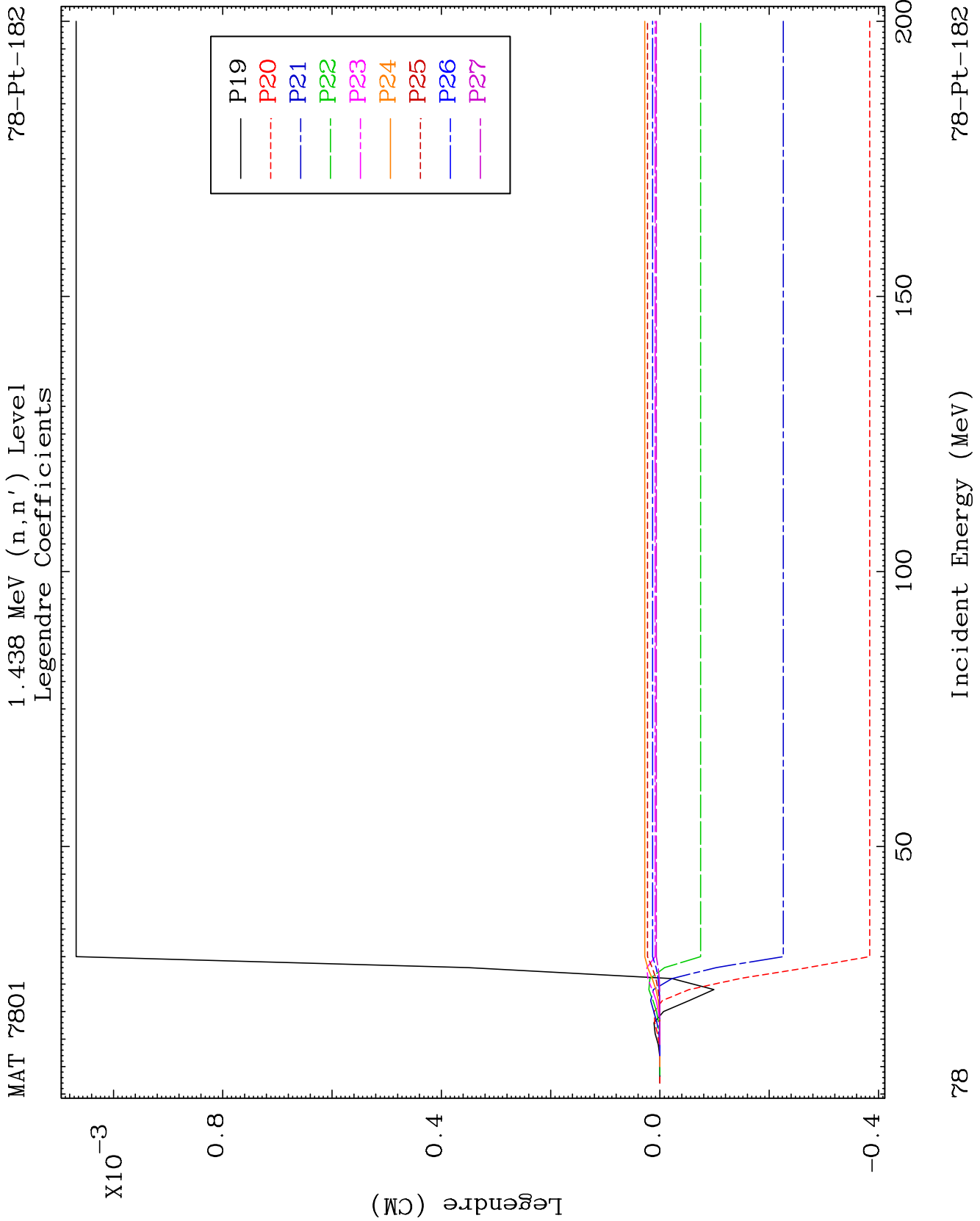


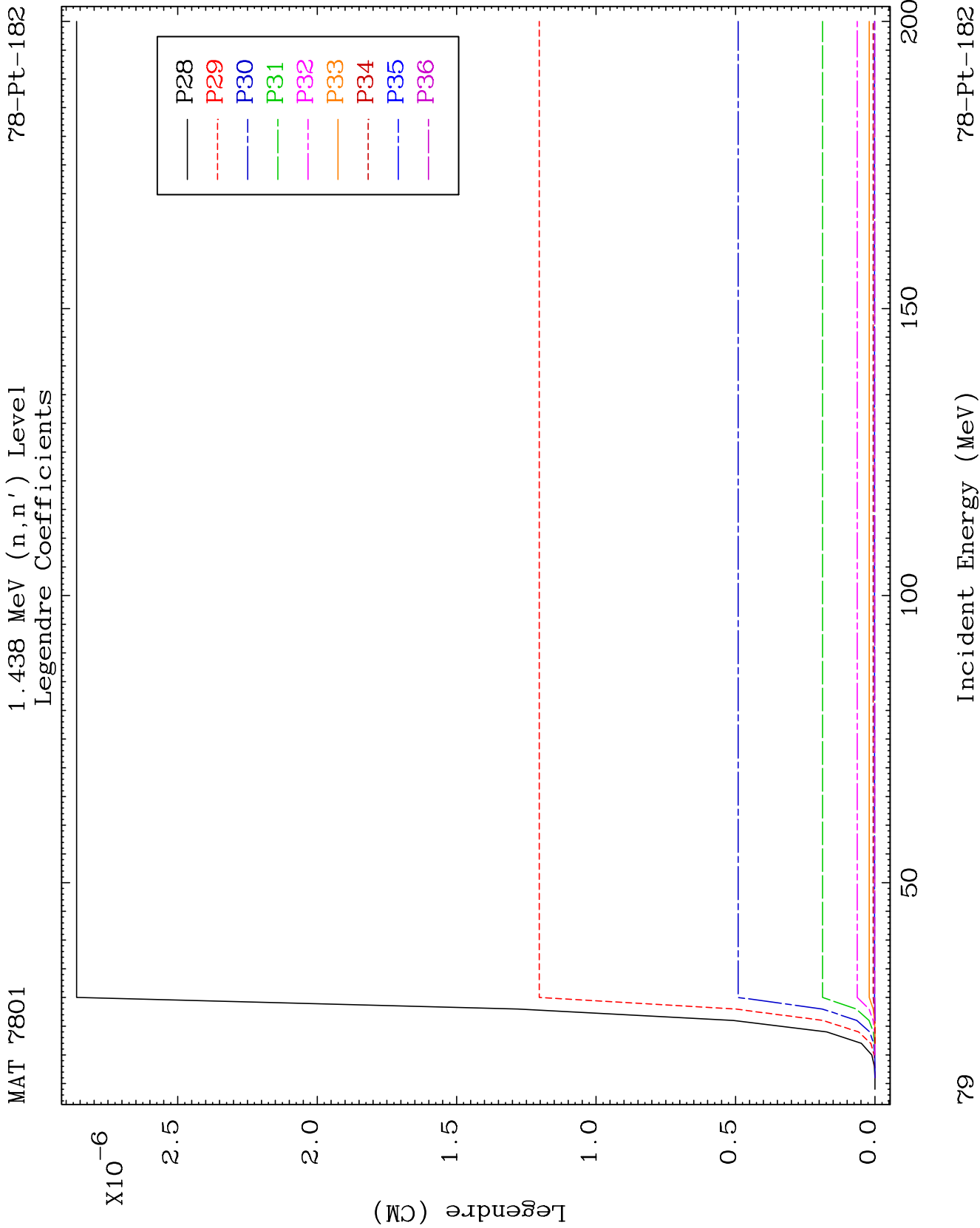
78-Pt-182

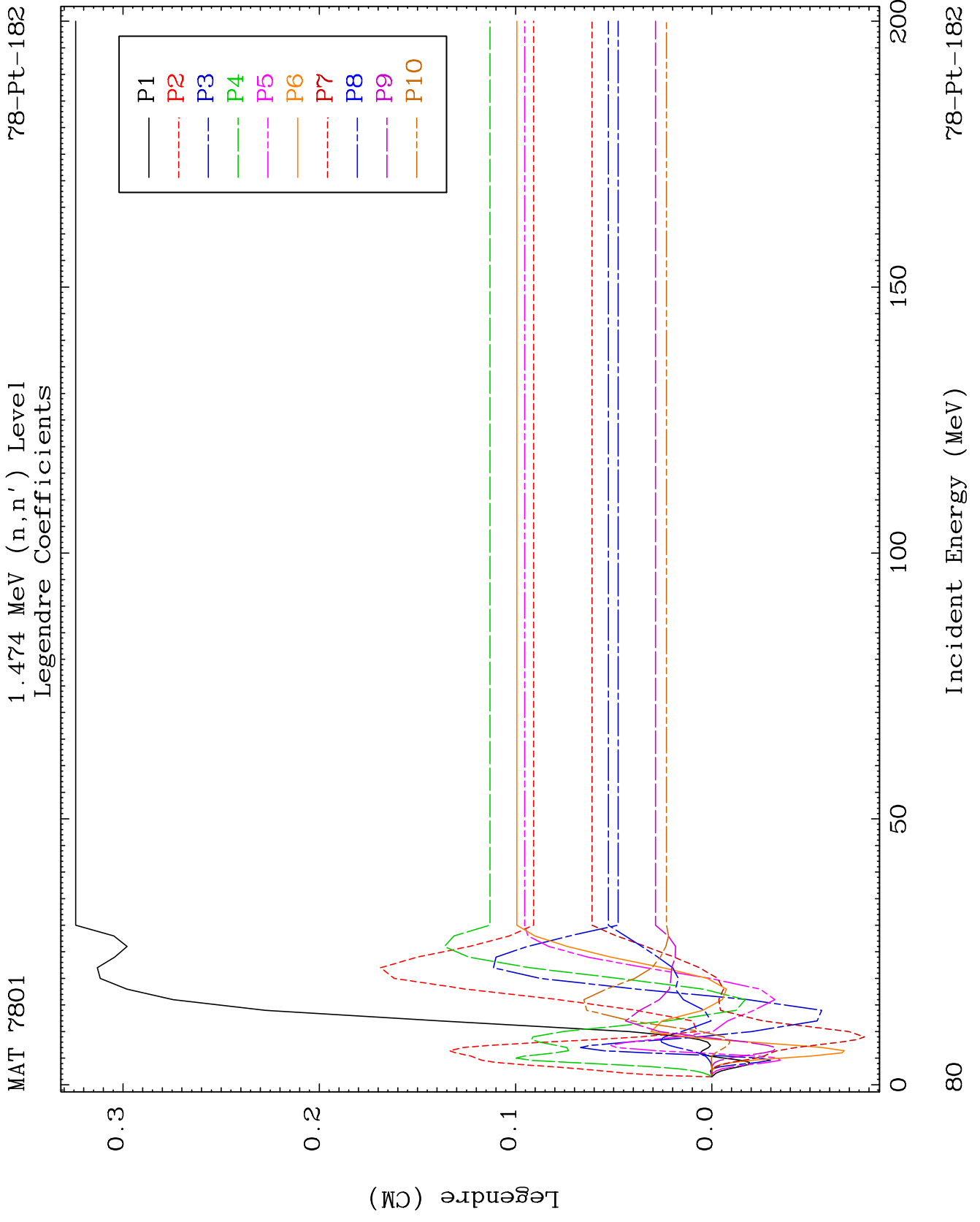
Incident Energy (MeV)

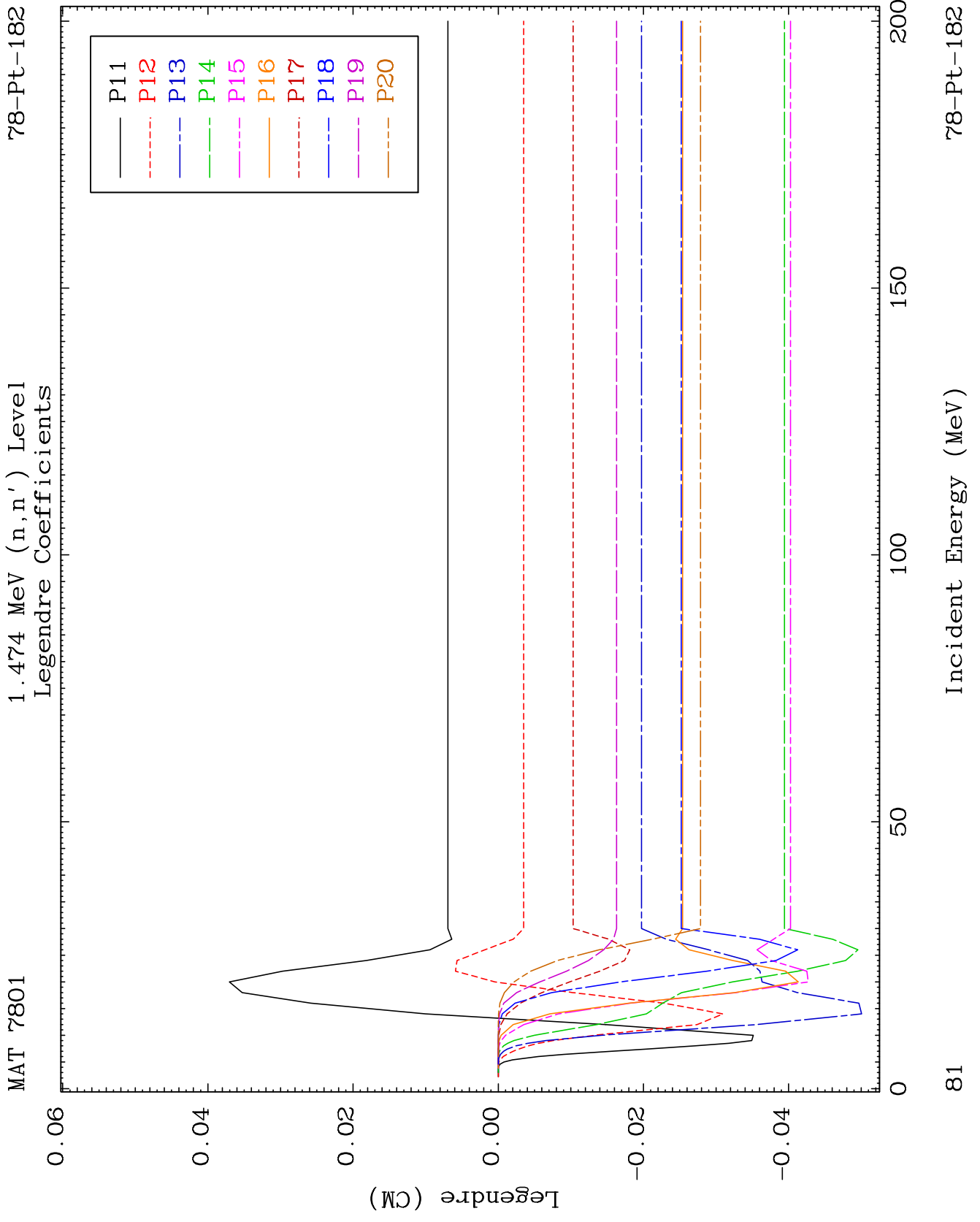
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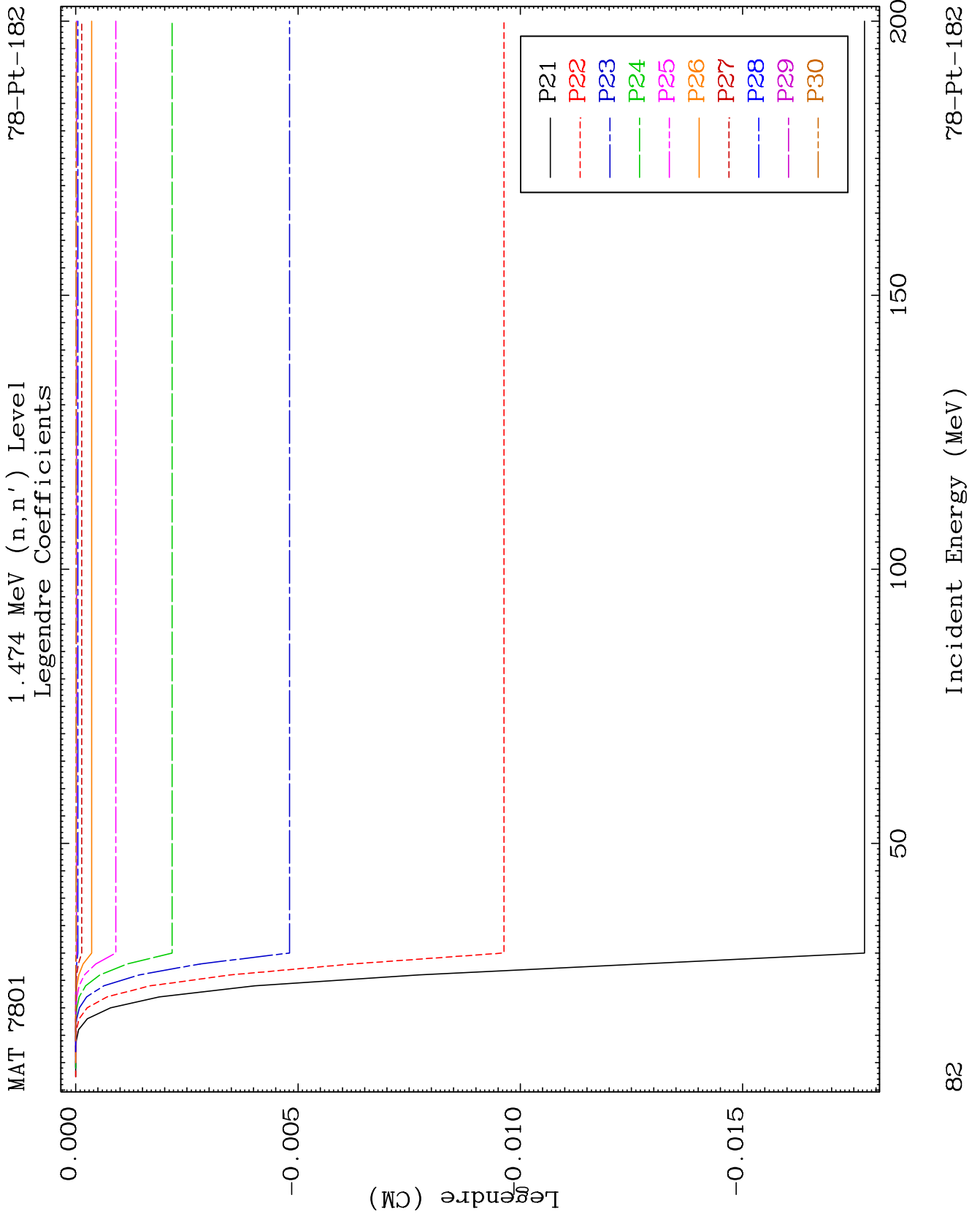


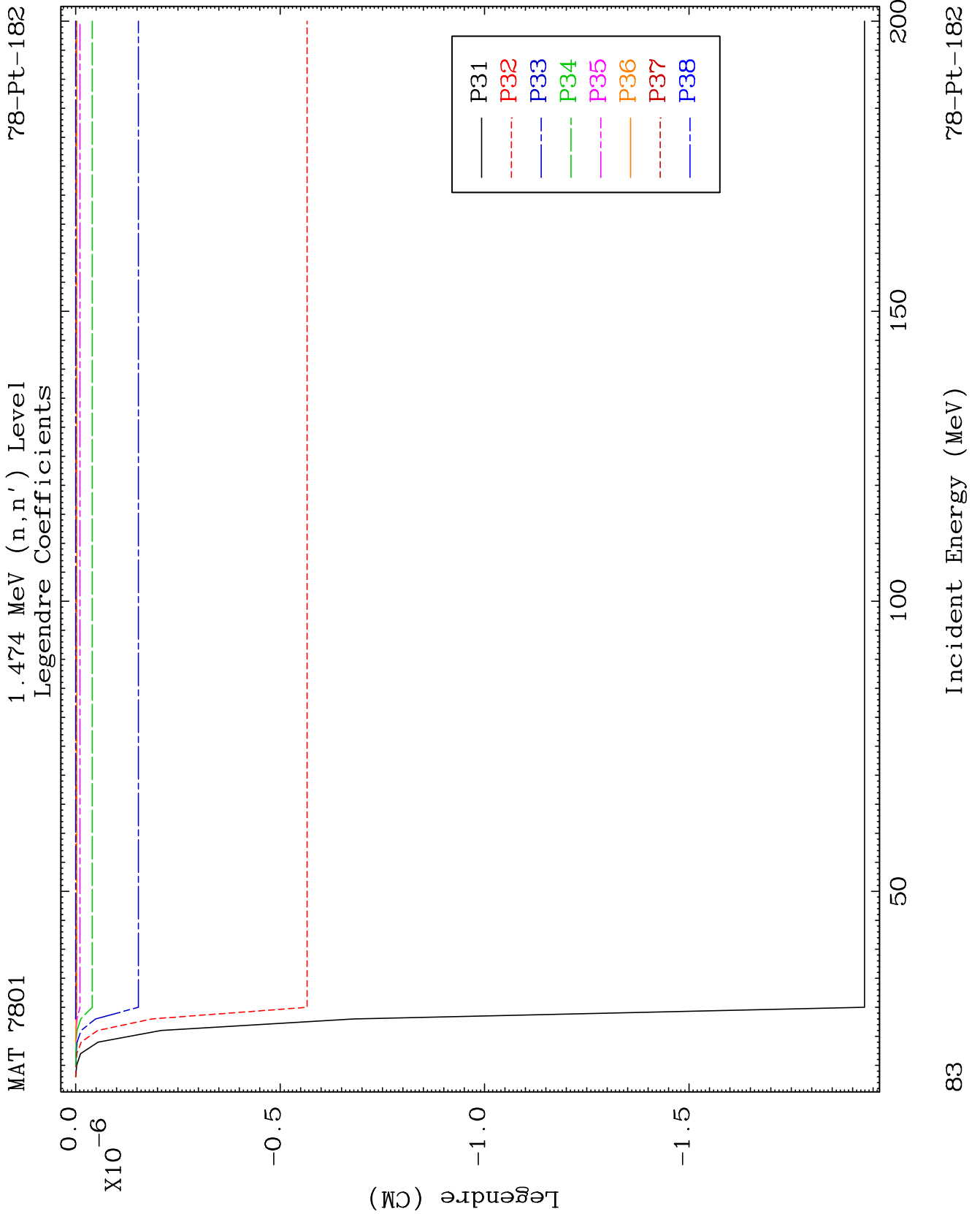


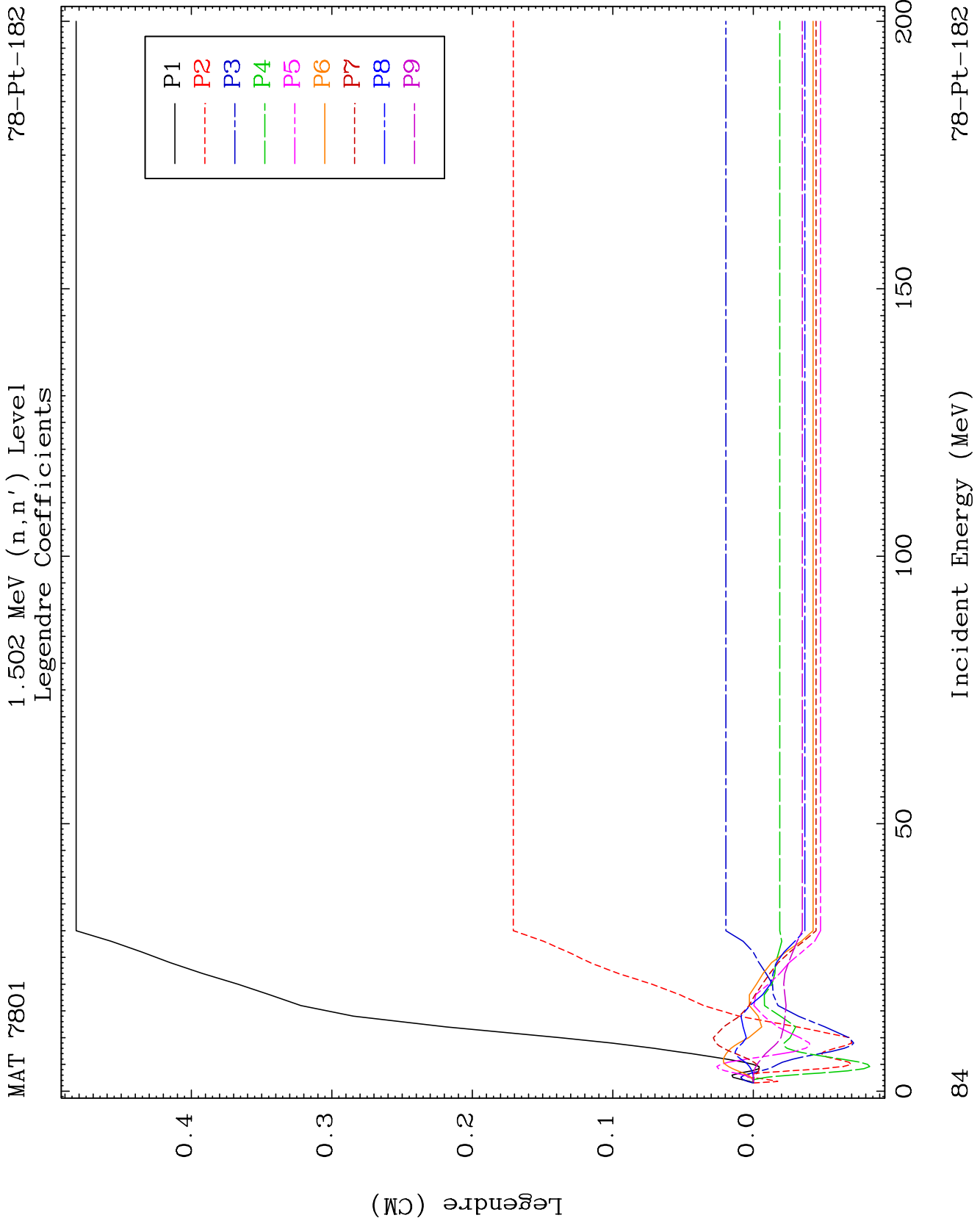








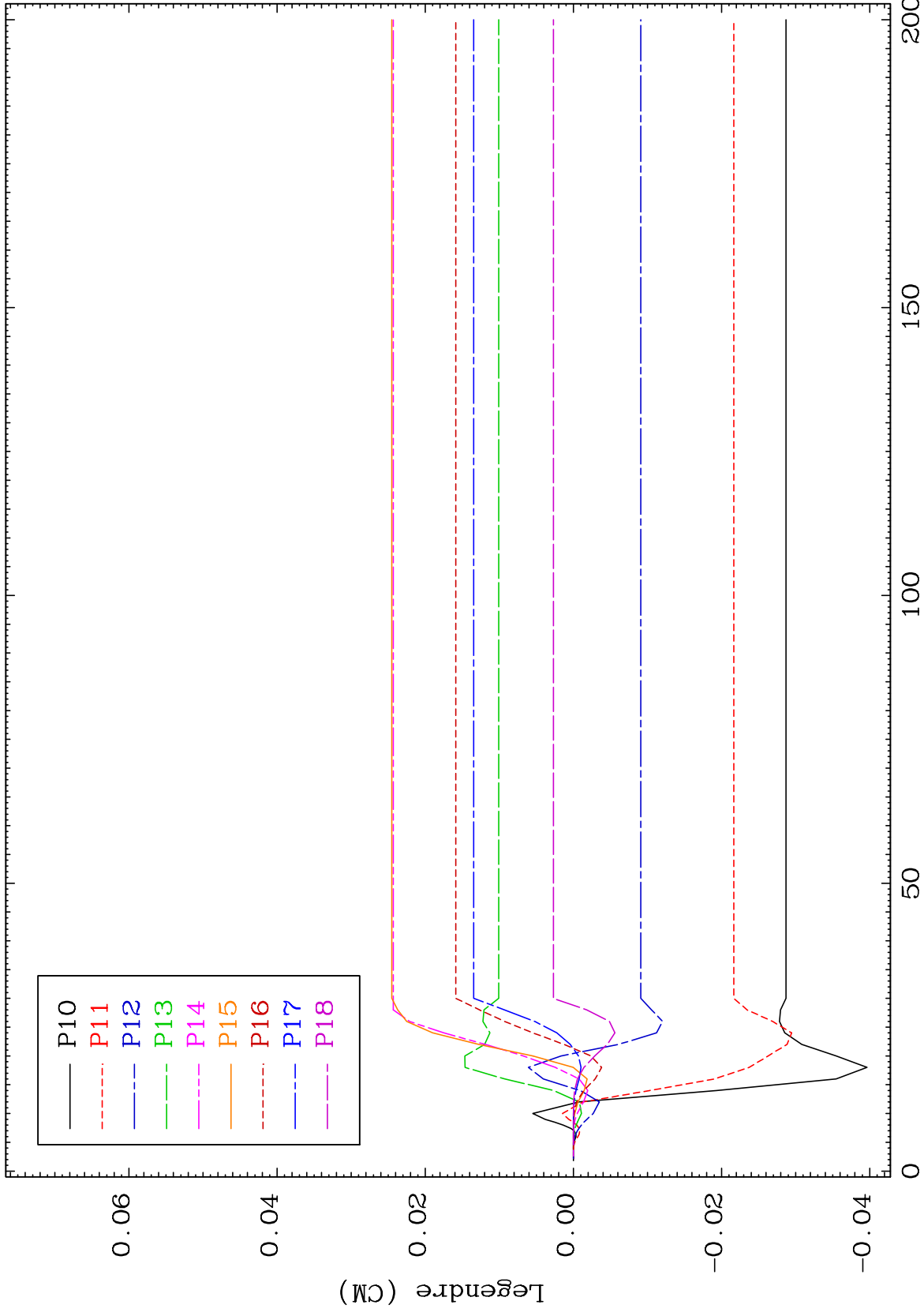




MAT 7801

1.502 MeV (n,n') Level
Legendre Coefficients

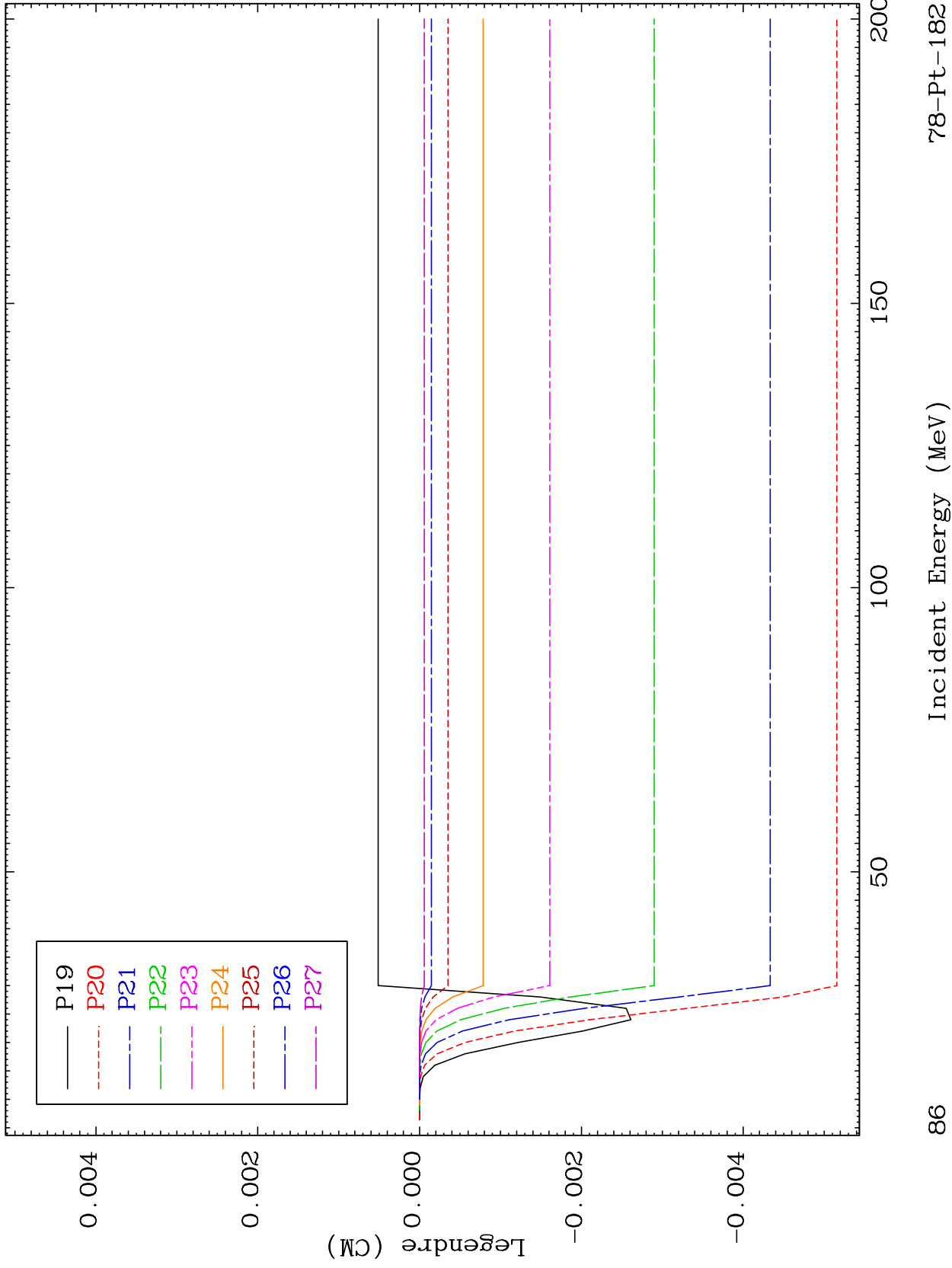
78-Pt-182

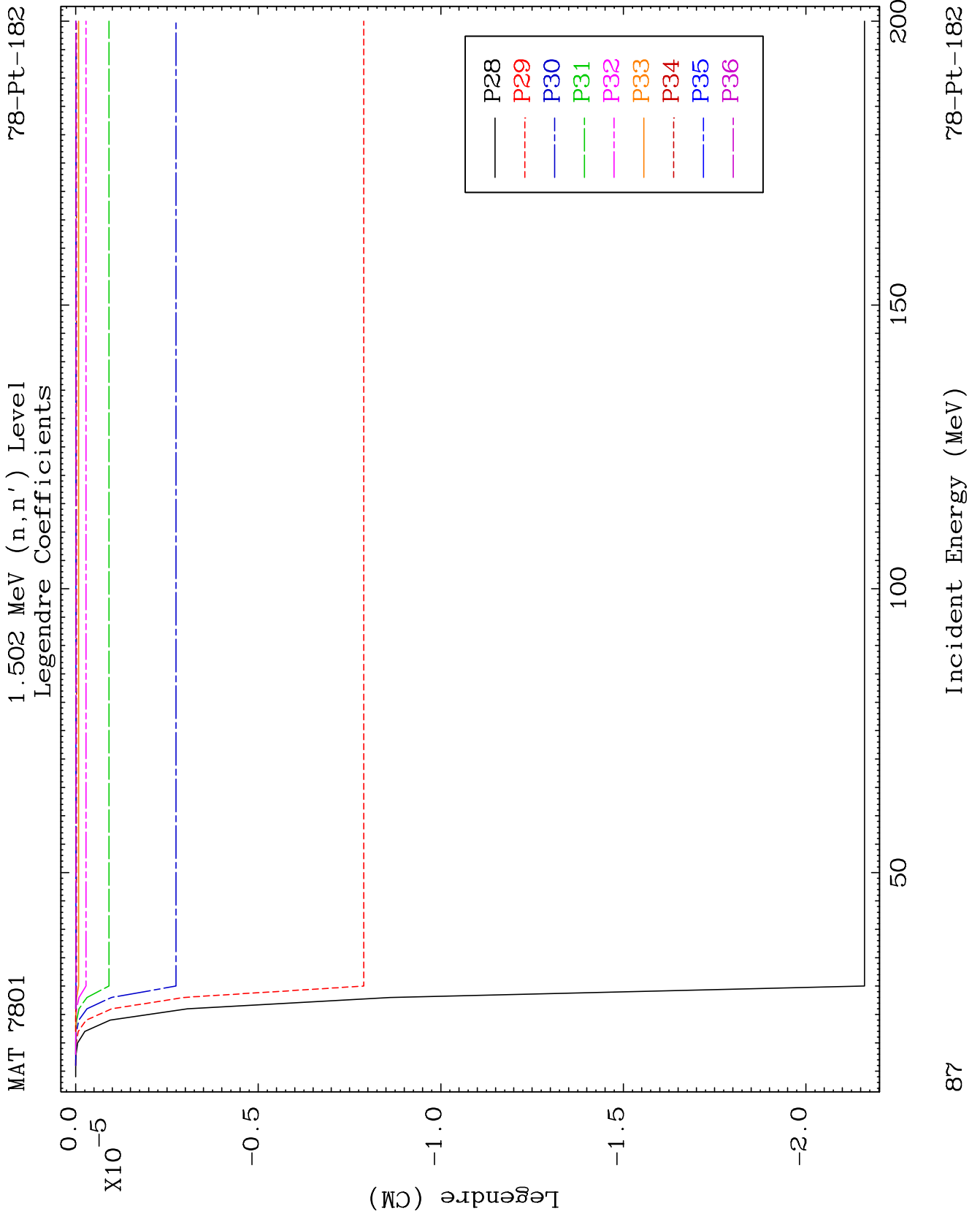


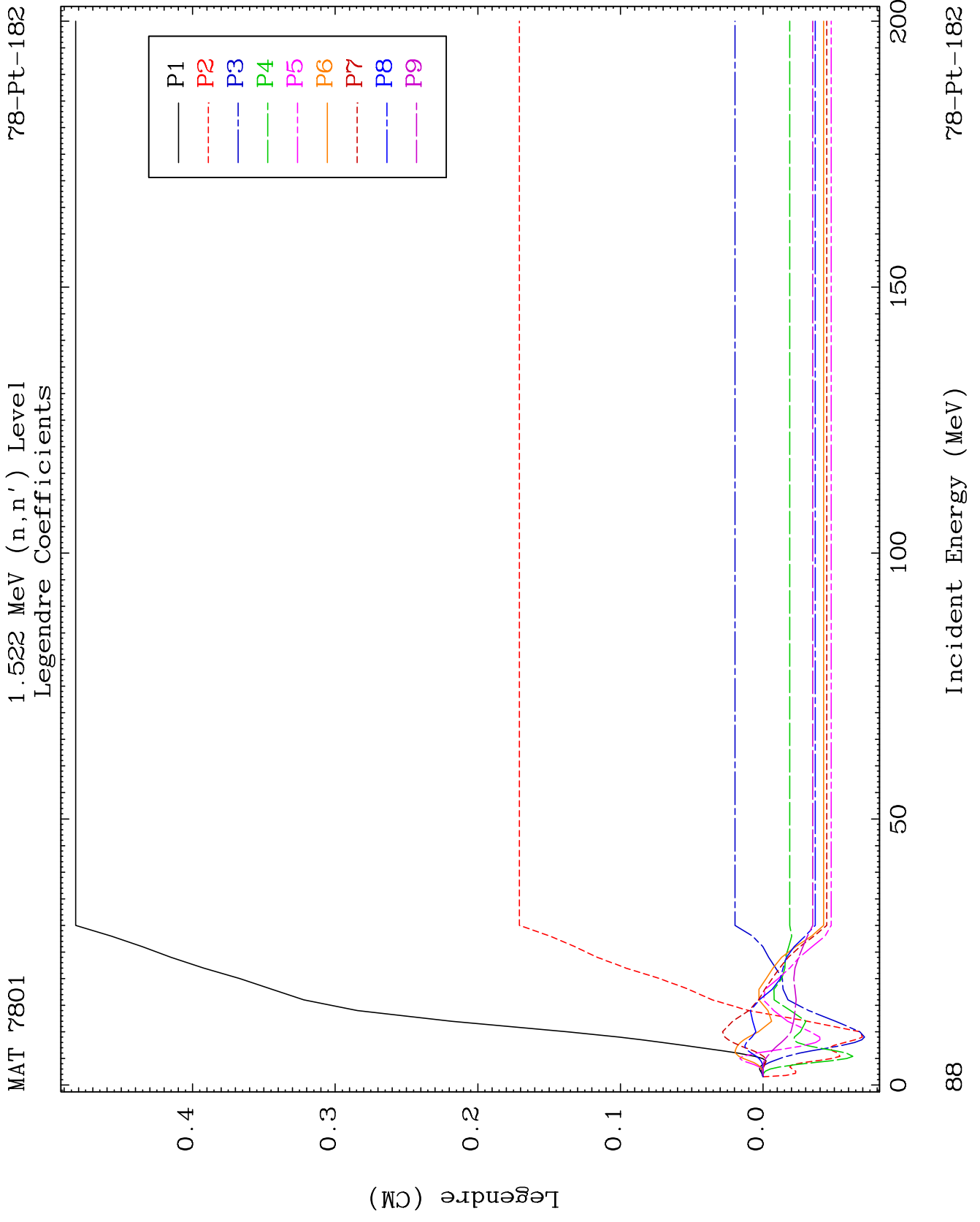
Incident Energy (MeV)

78-Pt-182

85



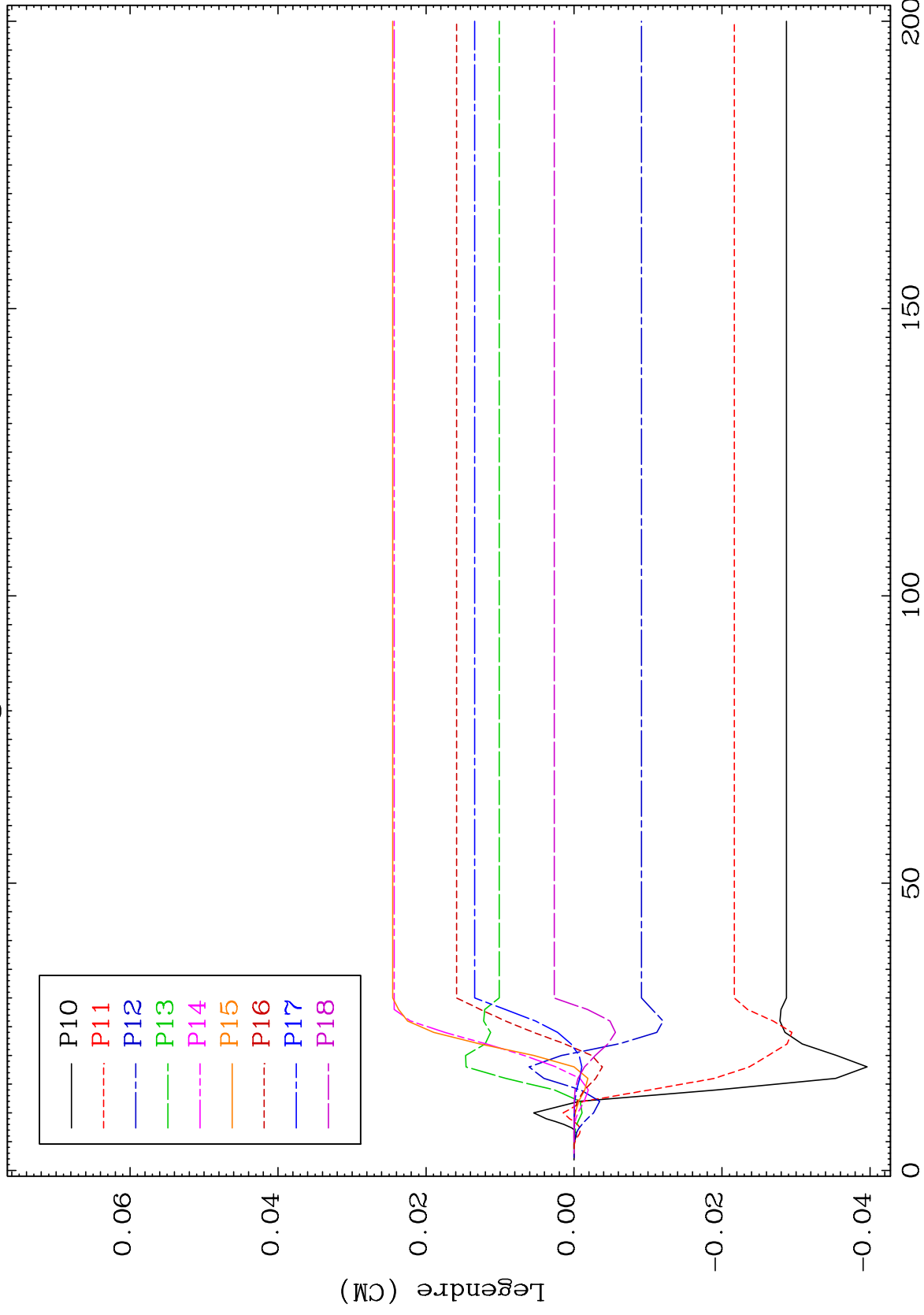




MAT 7801

1.522 MeV (n,n') Level
Legendre Coefficients

78-Pt-182



89

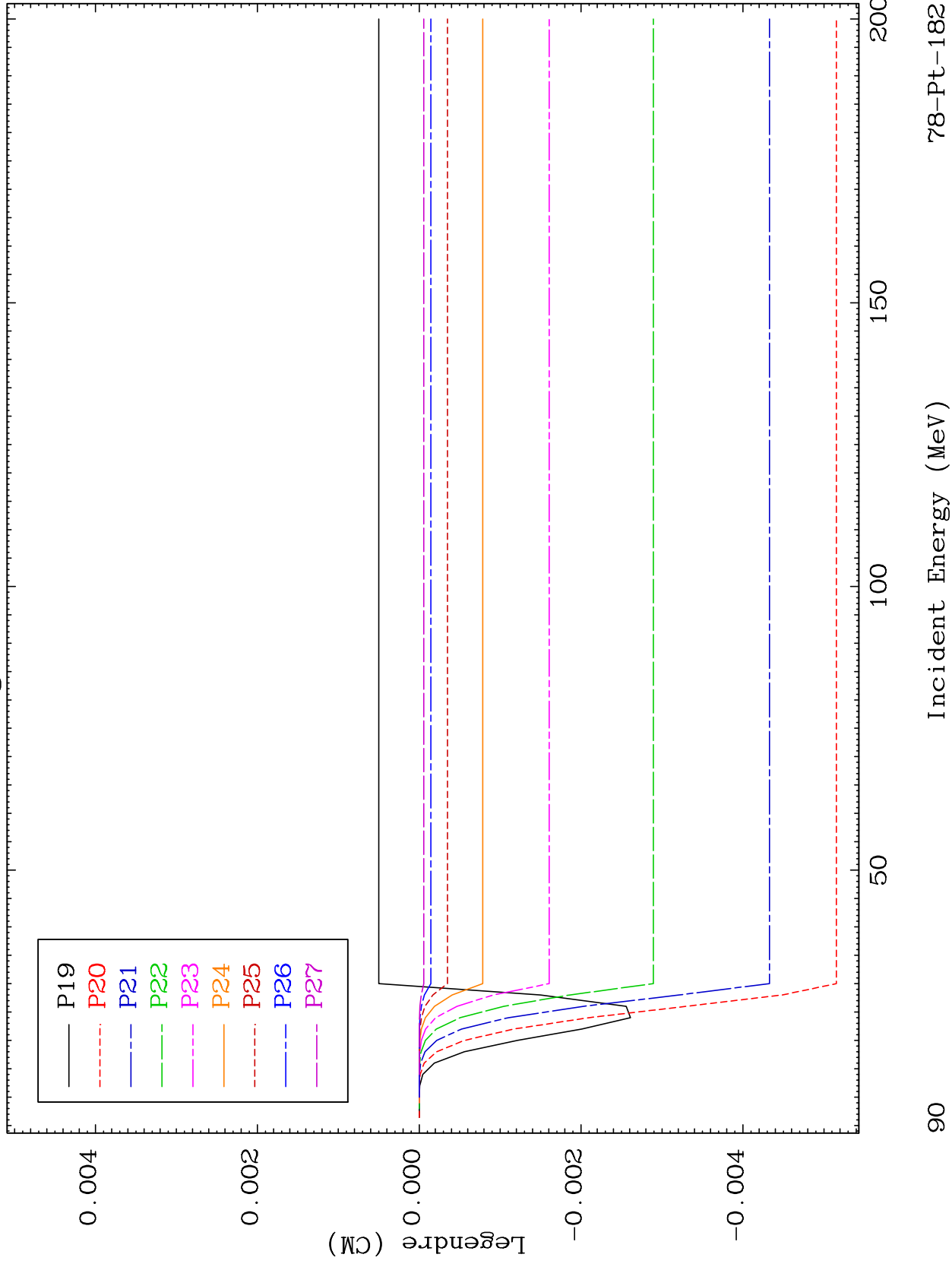
Incident Energy (MeV)

78-Pt-182

MAT 7801

1.522 MeV (n, n') Level
Legendre Coefficients

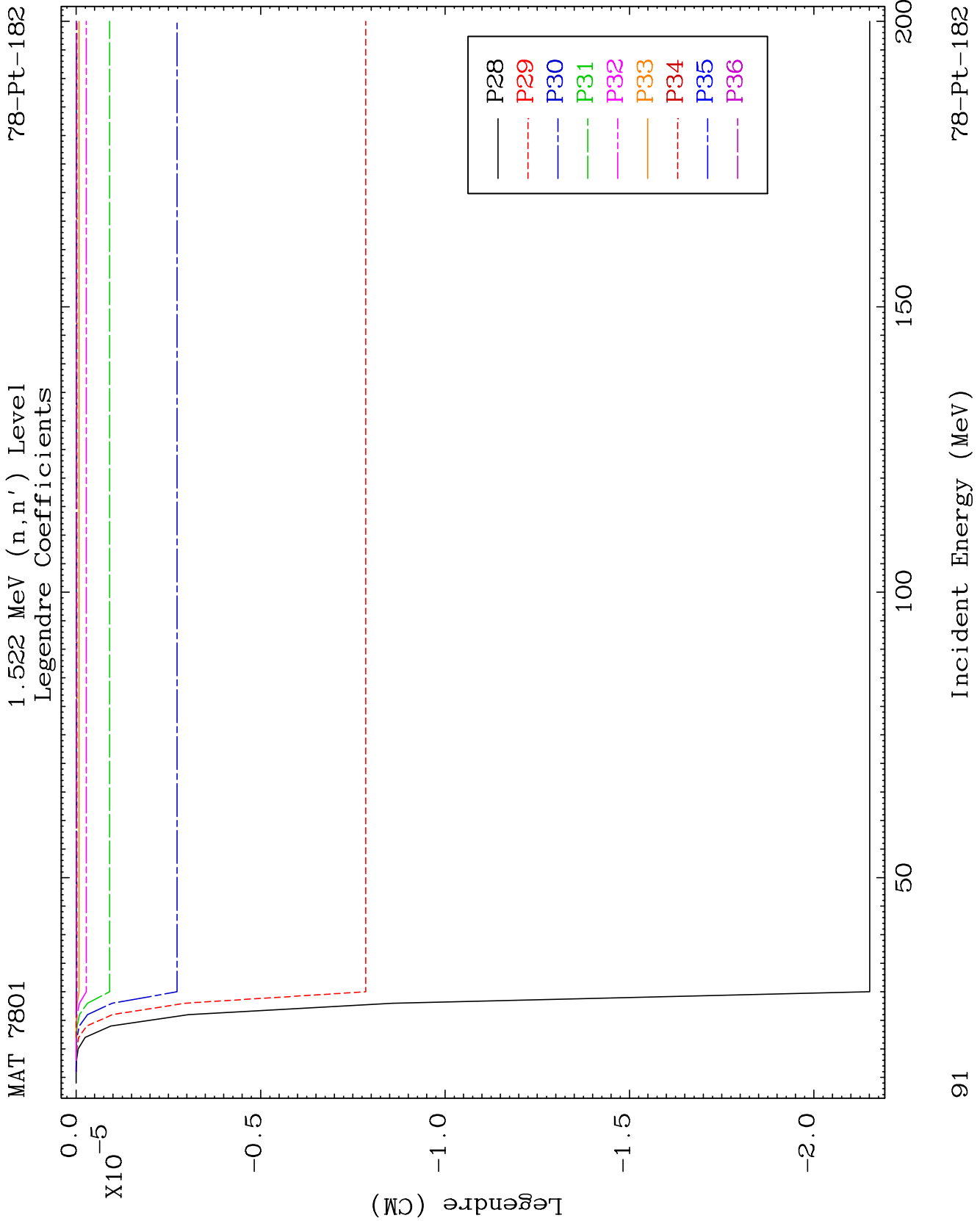
78-Pt-182

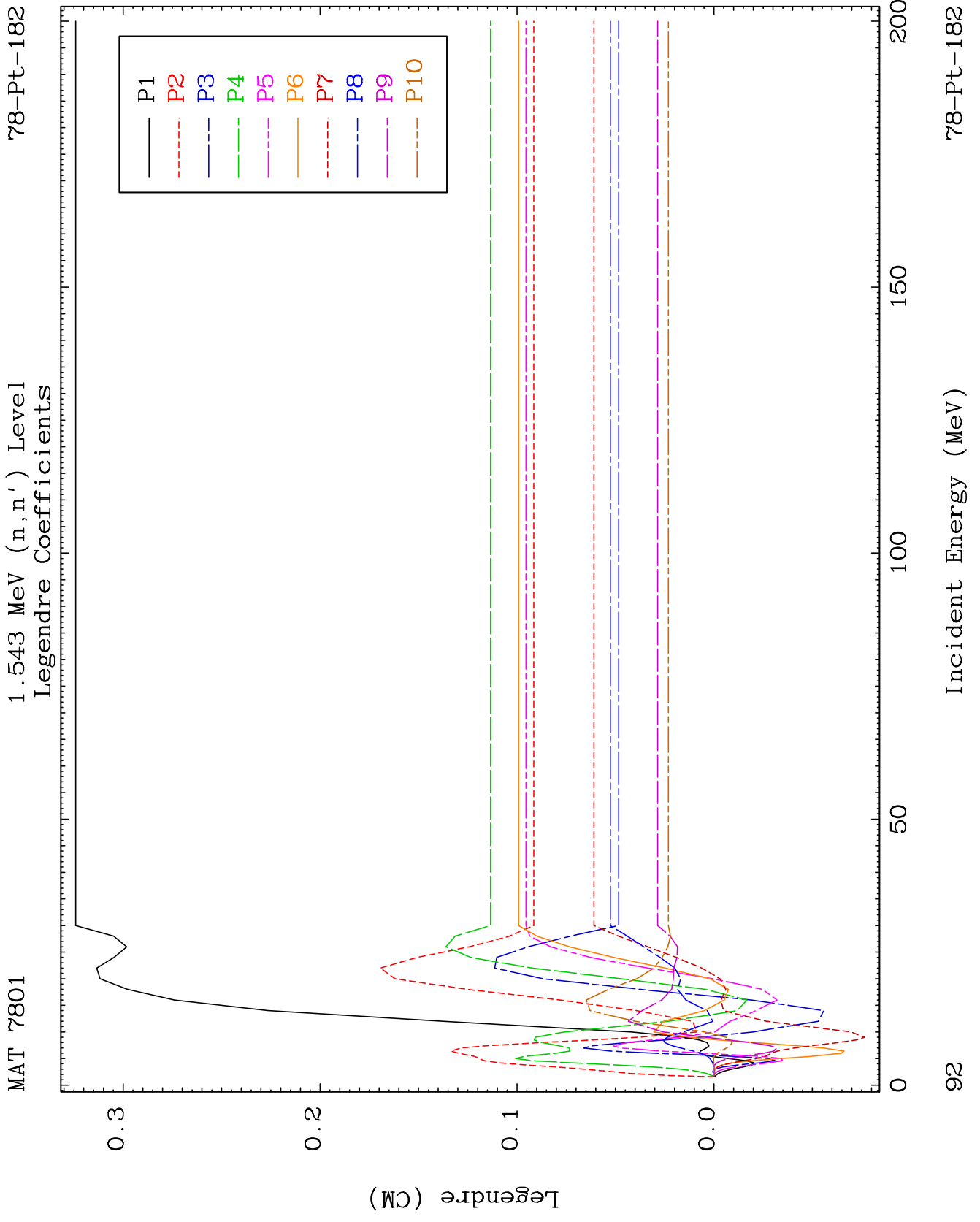


90

Incident Energy (MeV)

78-Pt-182

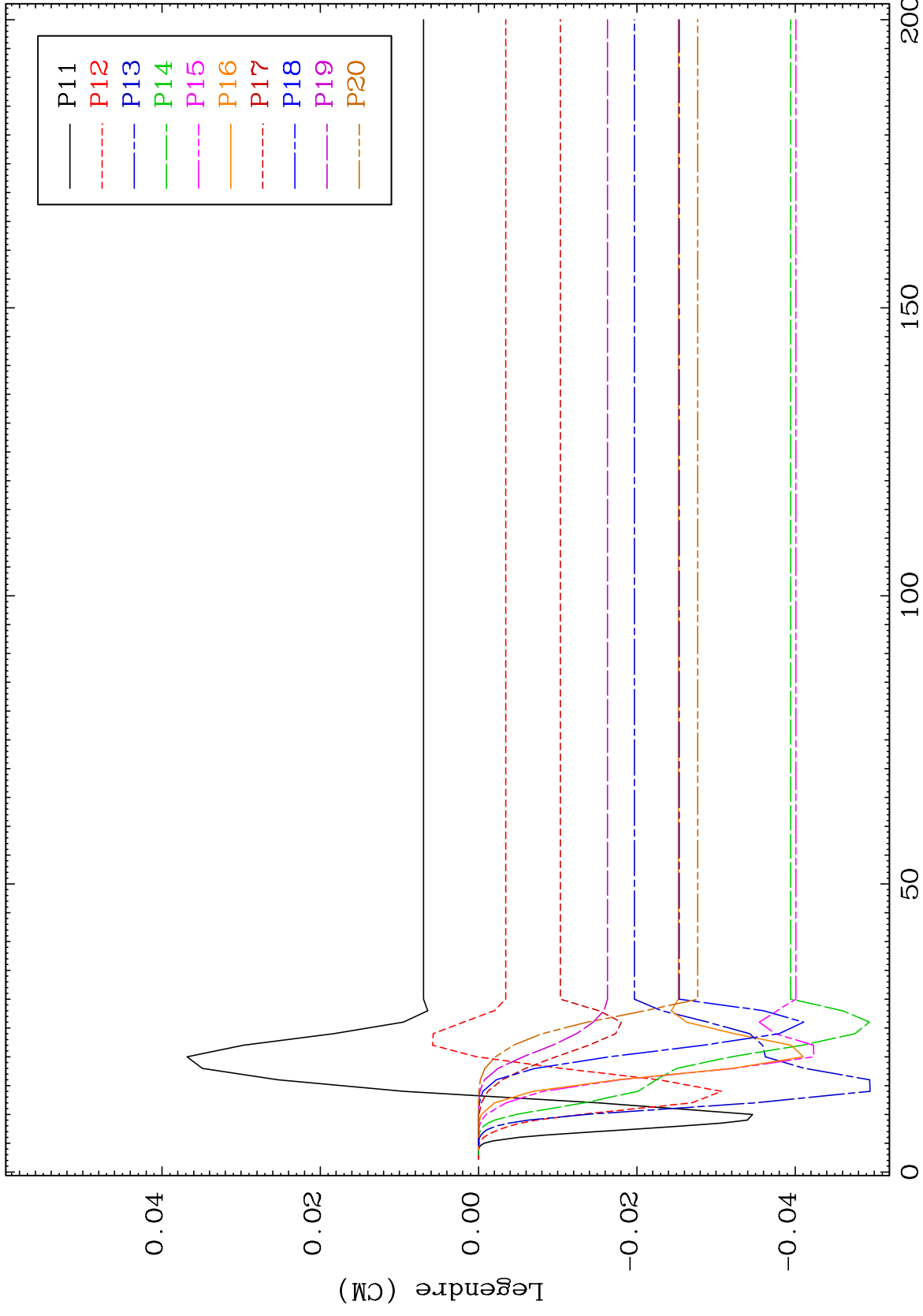




MAT 7801

1.543 MeV (n,n') Level Legendre Coefficients

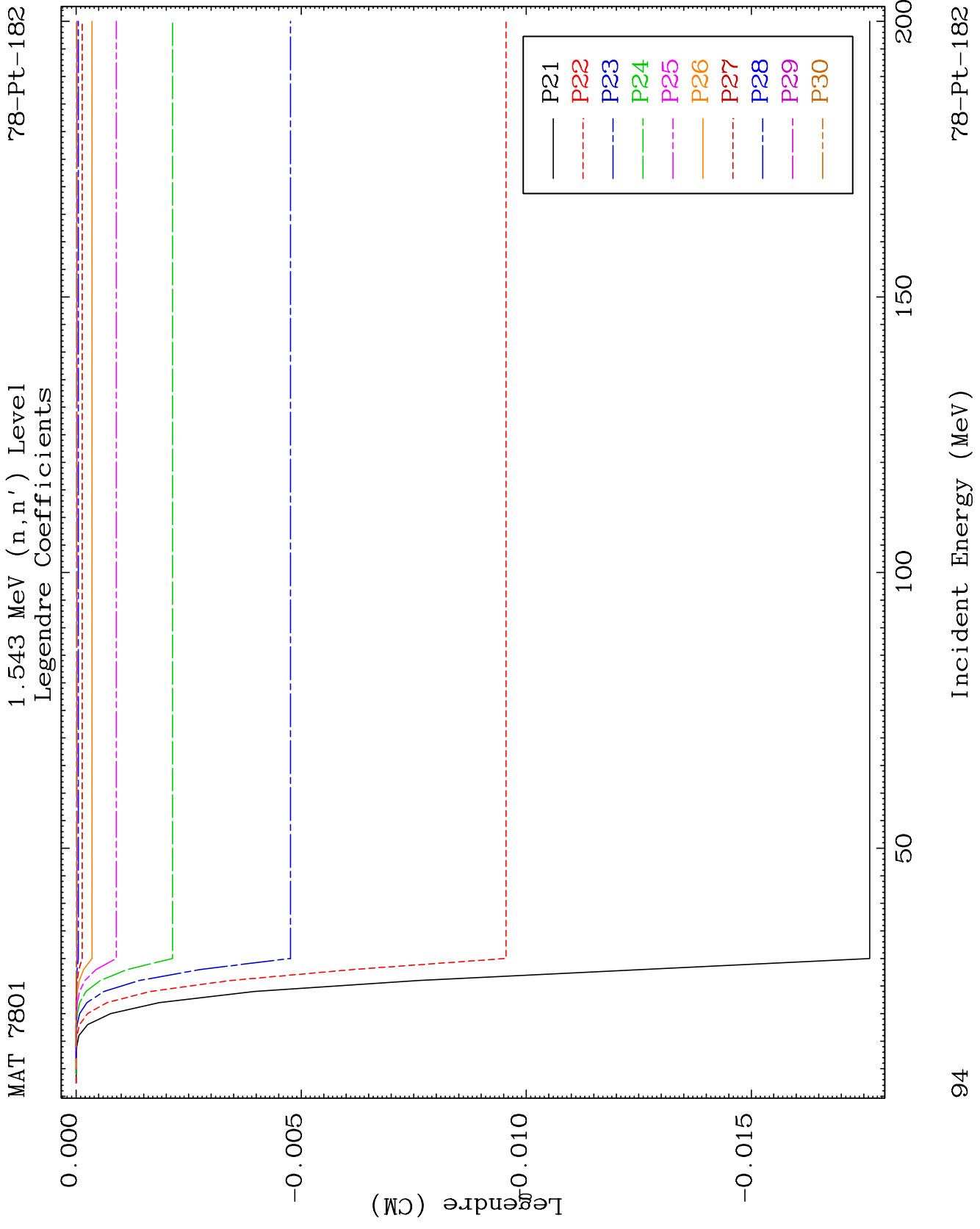
78-Pt-182

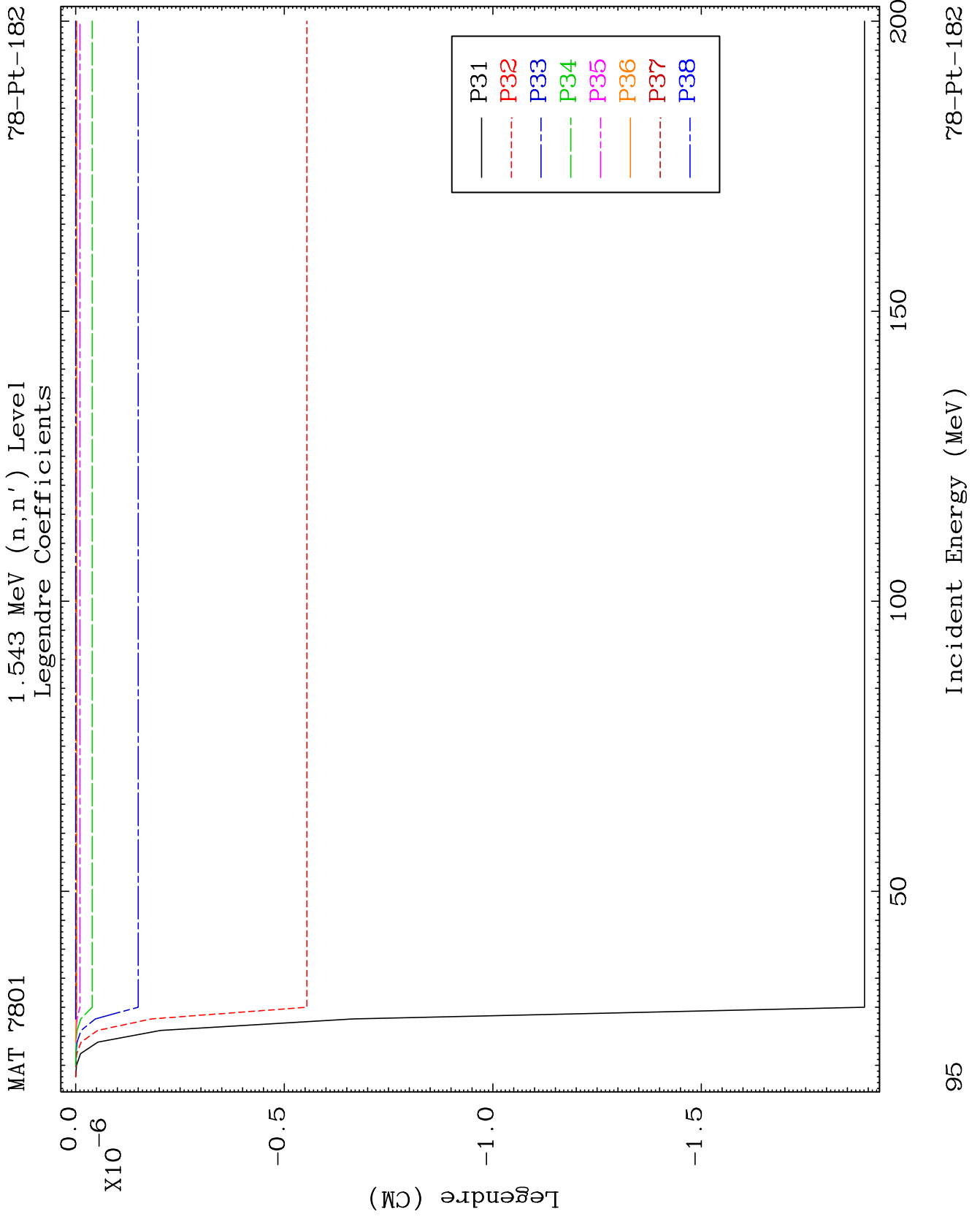


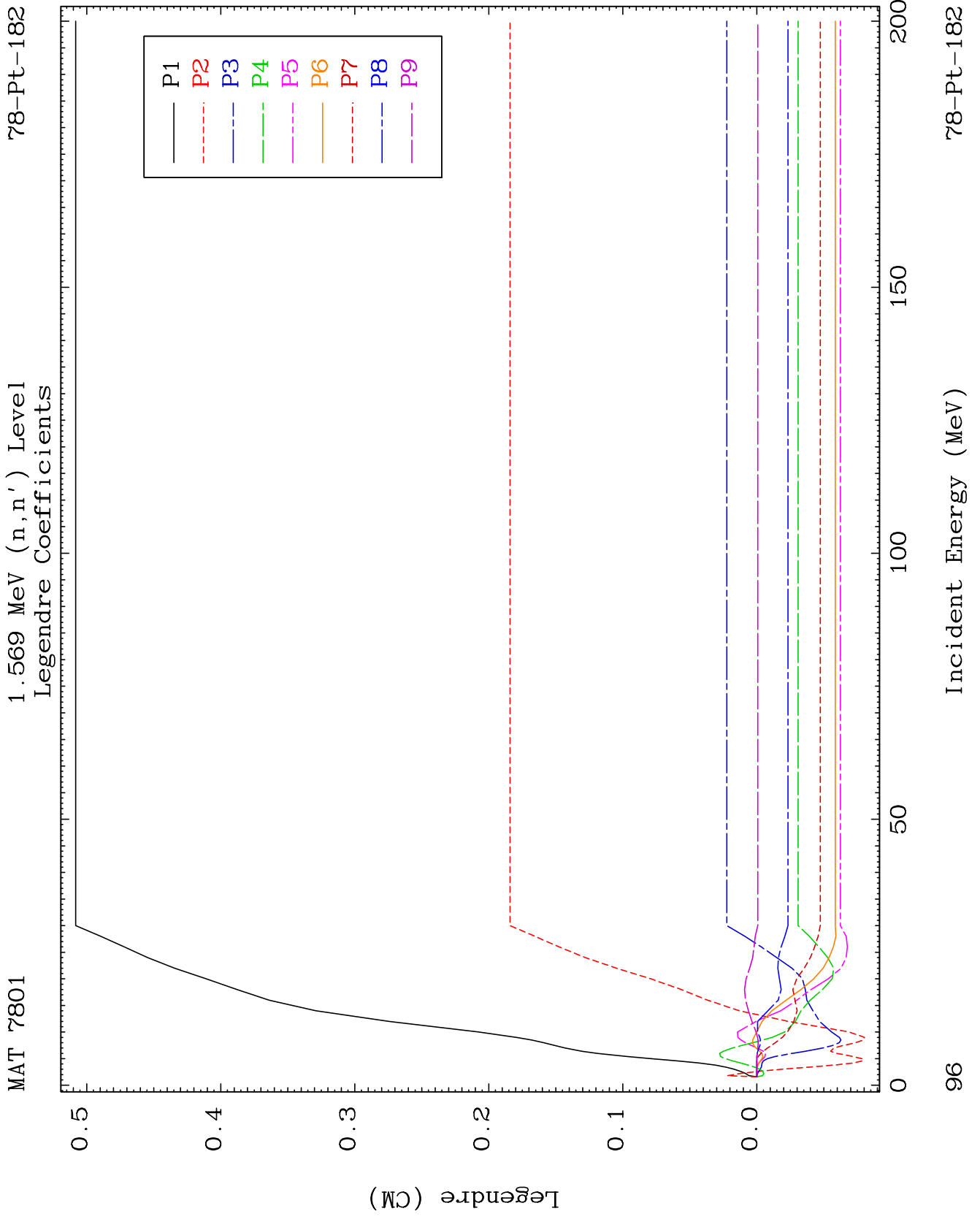
93

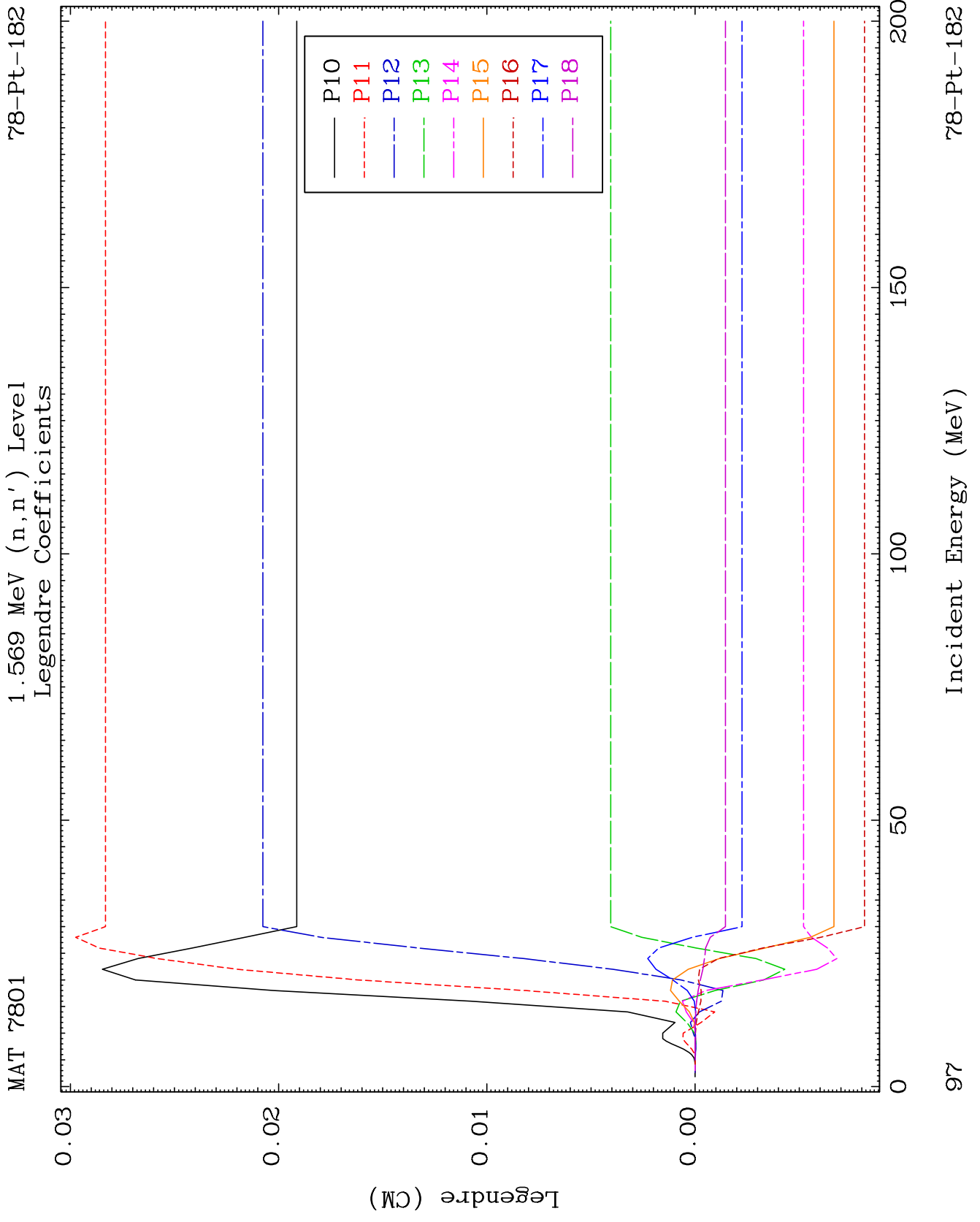
Incident Energy (MeV)

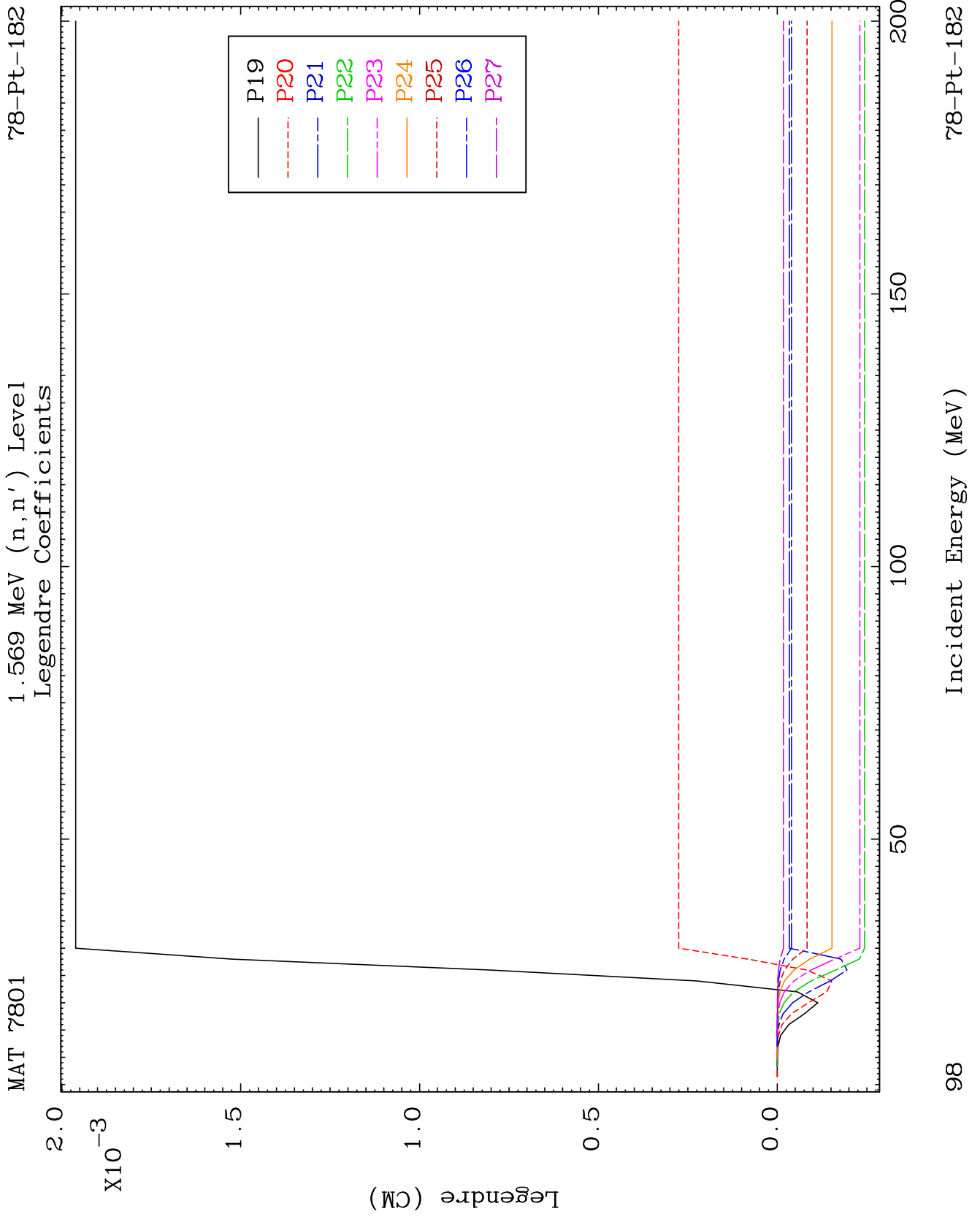
78-Pt-182

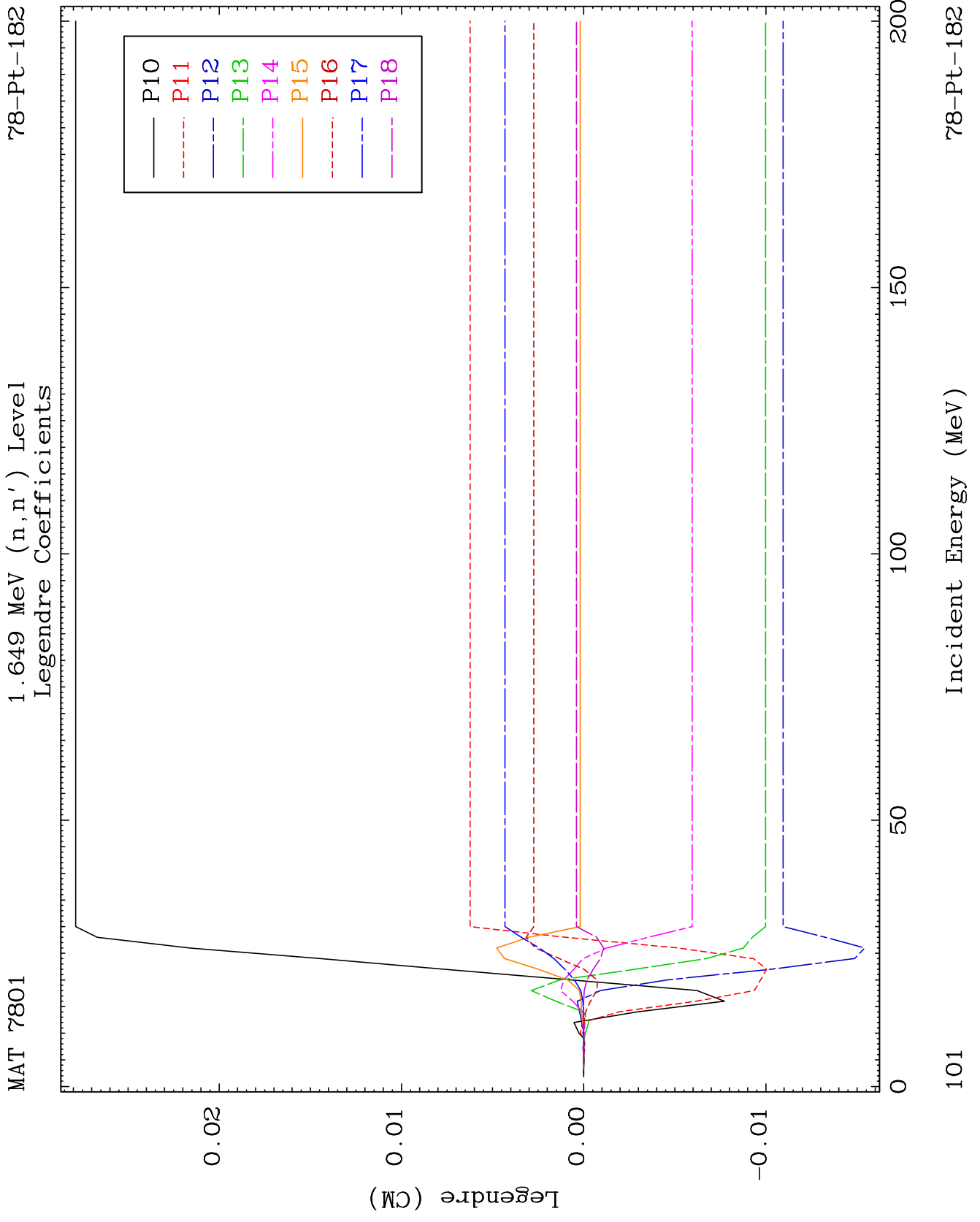


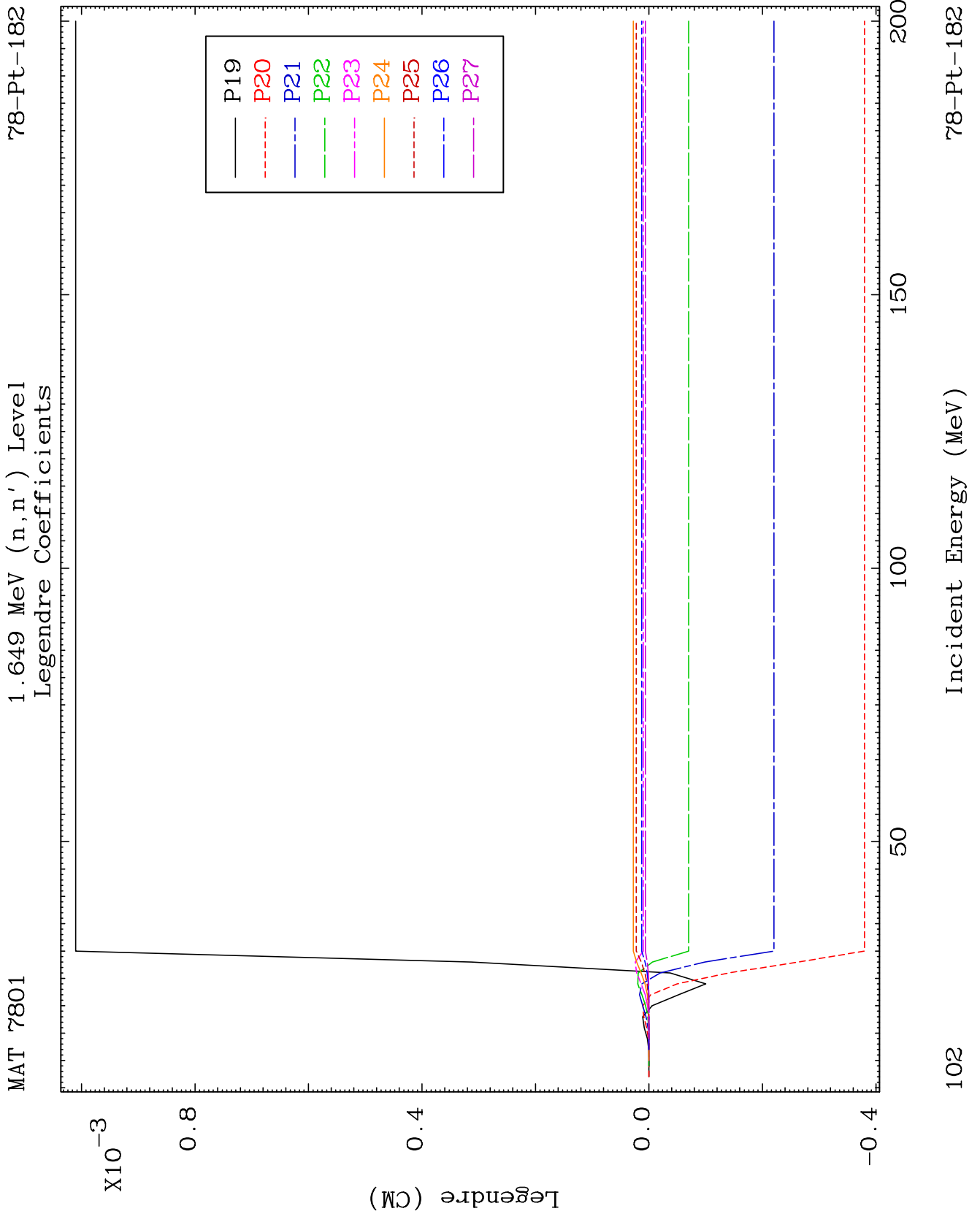


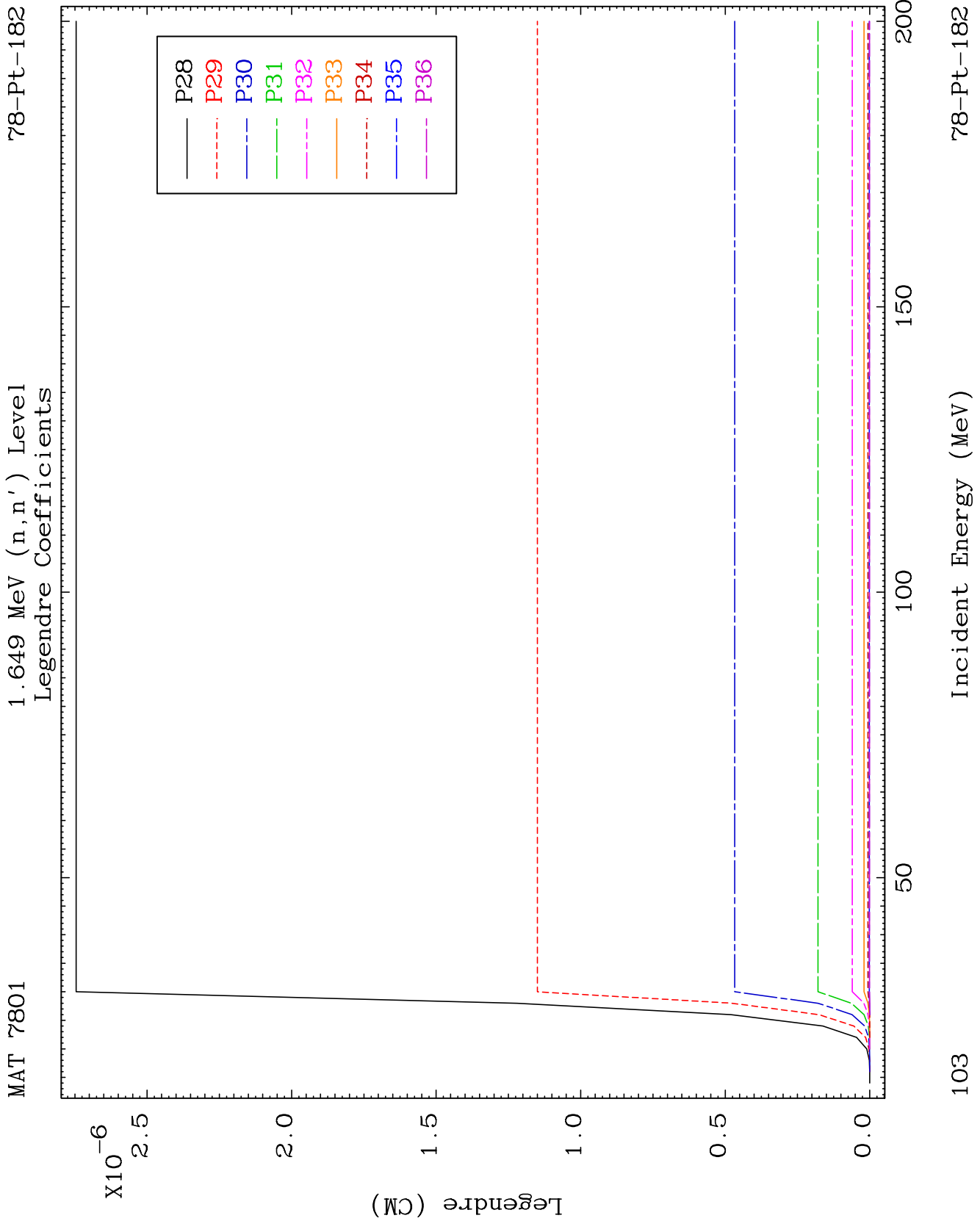


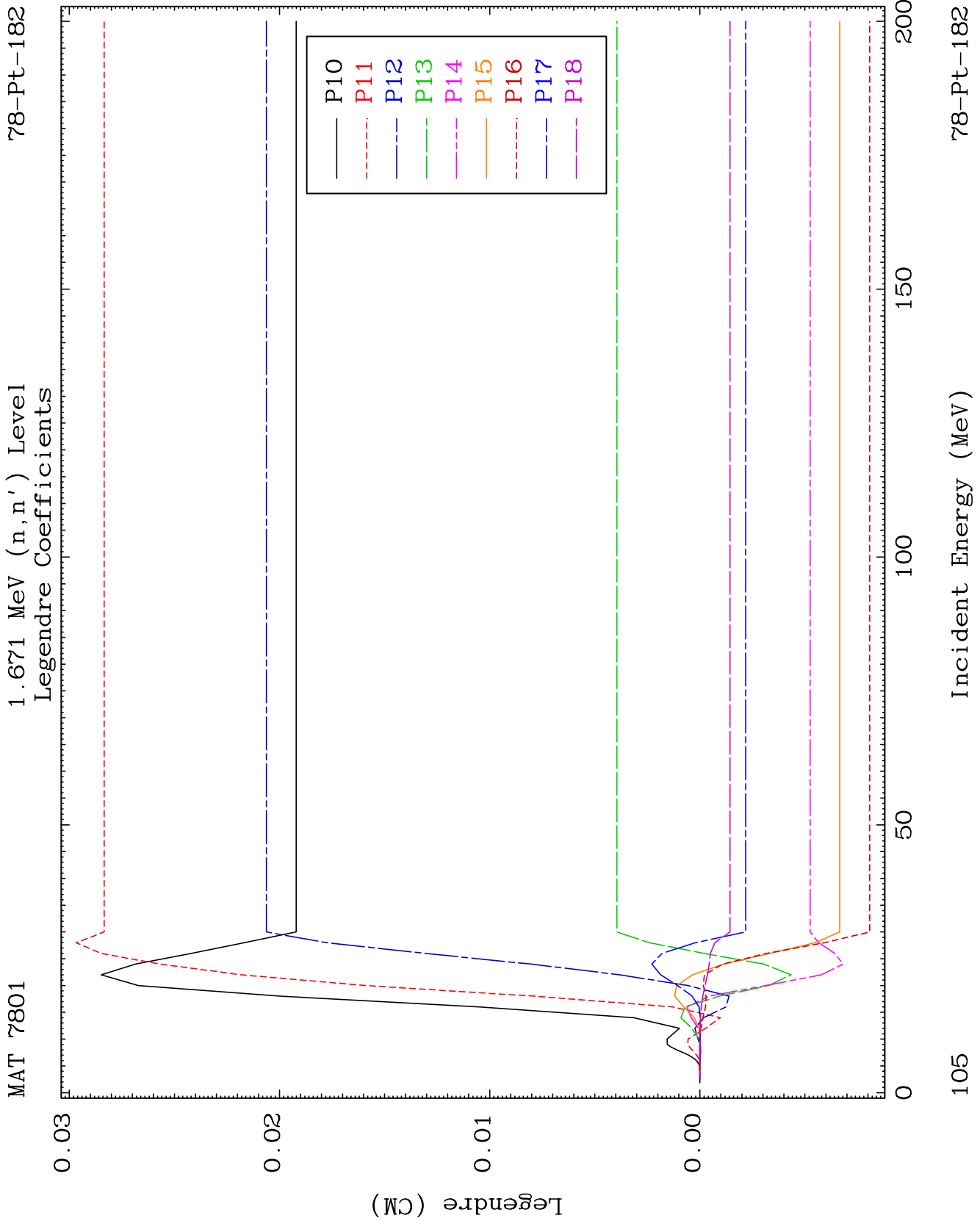


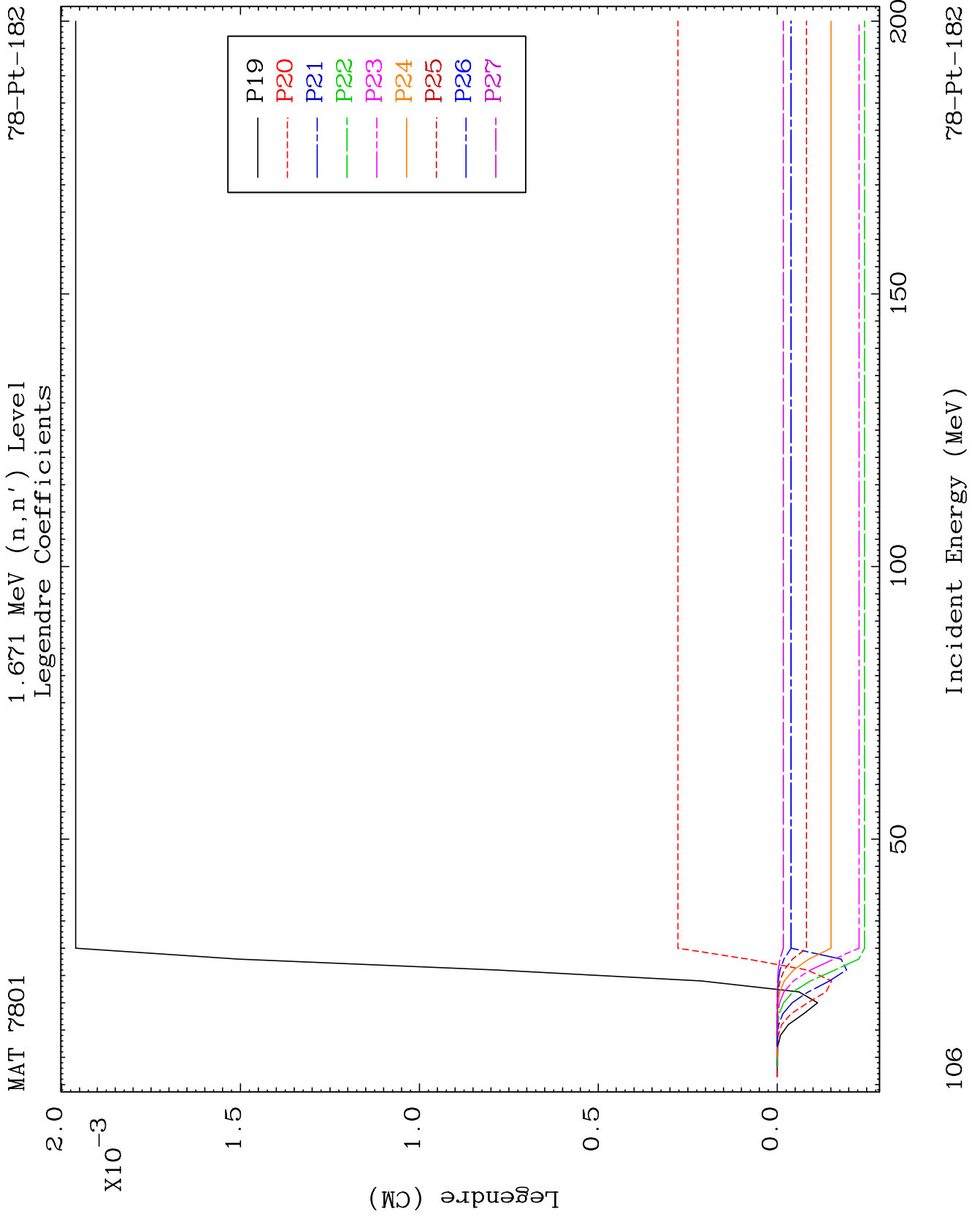


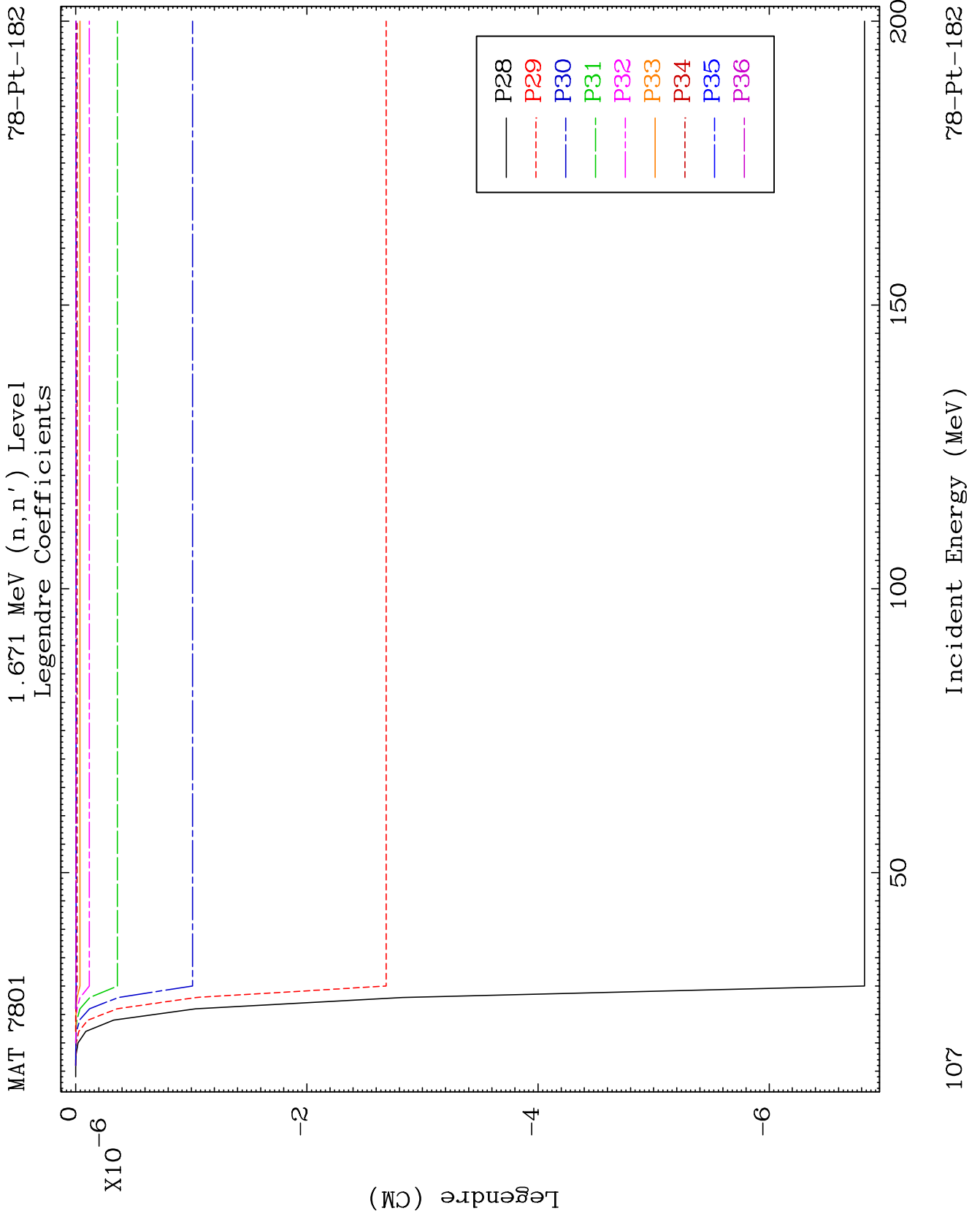


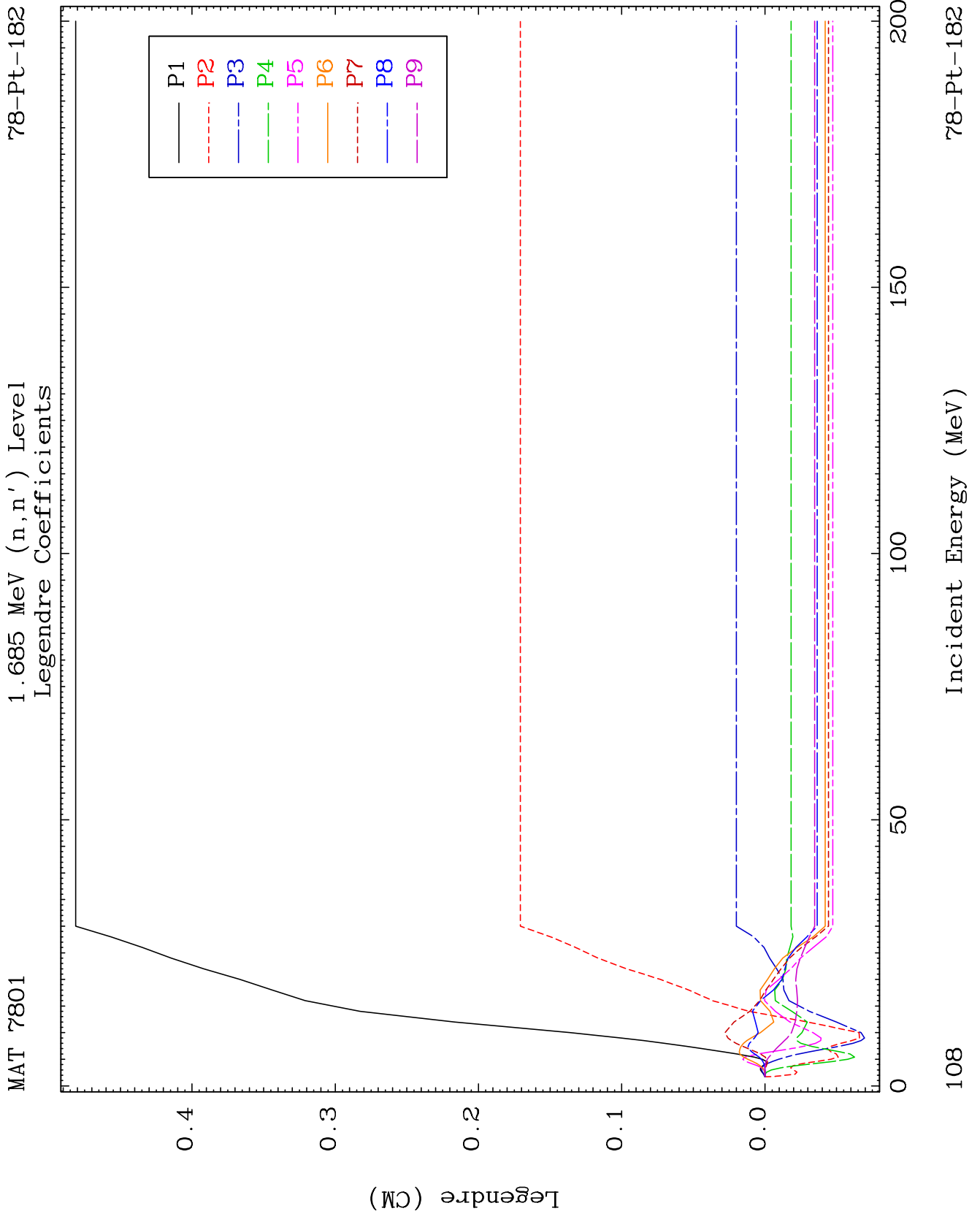








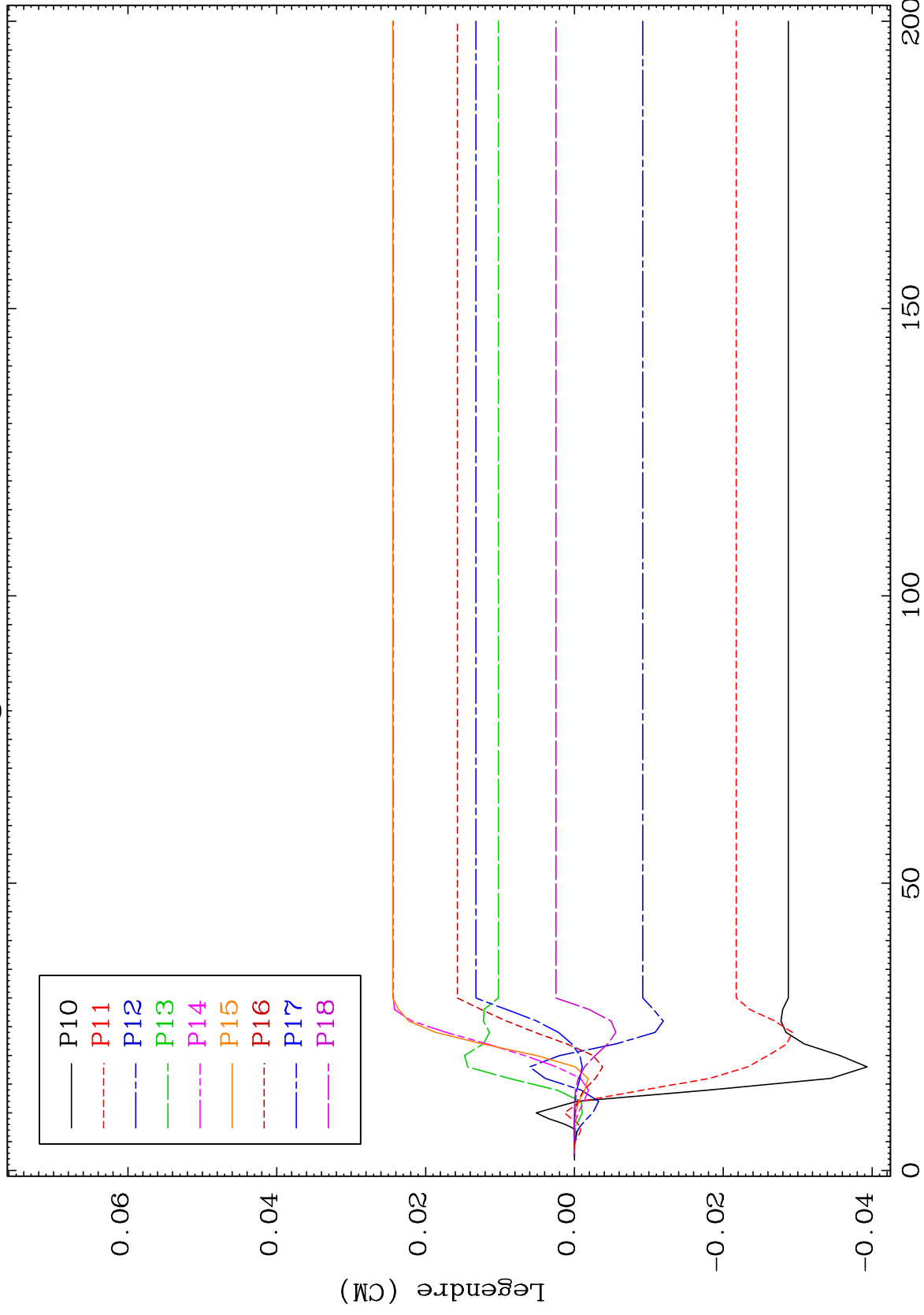




MAT 7801

1.685 MeV (n,n') Level
Legendre Coefficients

78-Pt-182



109

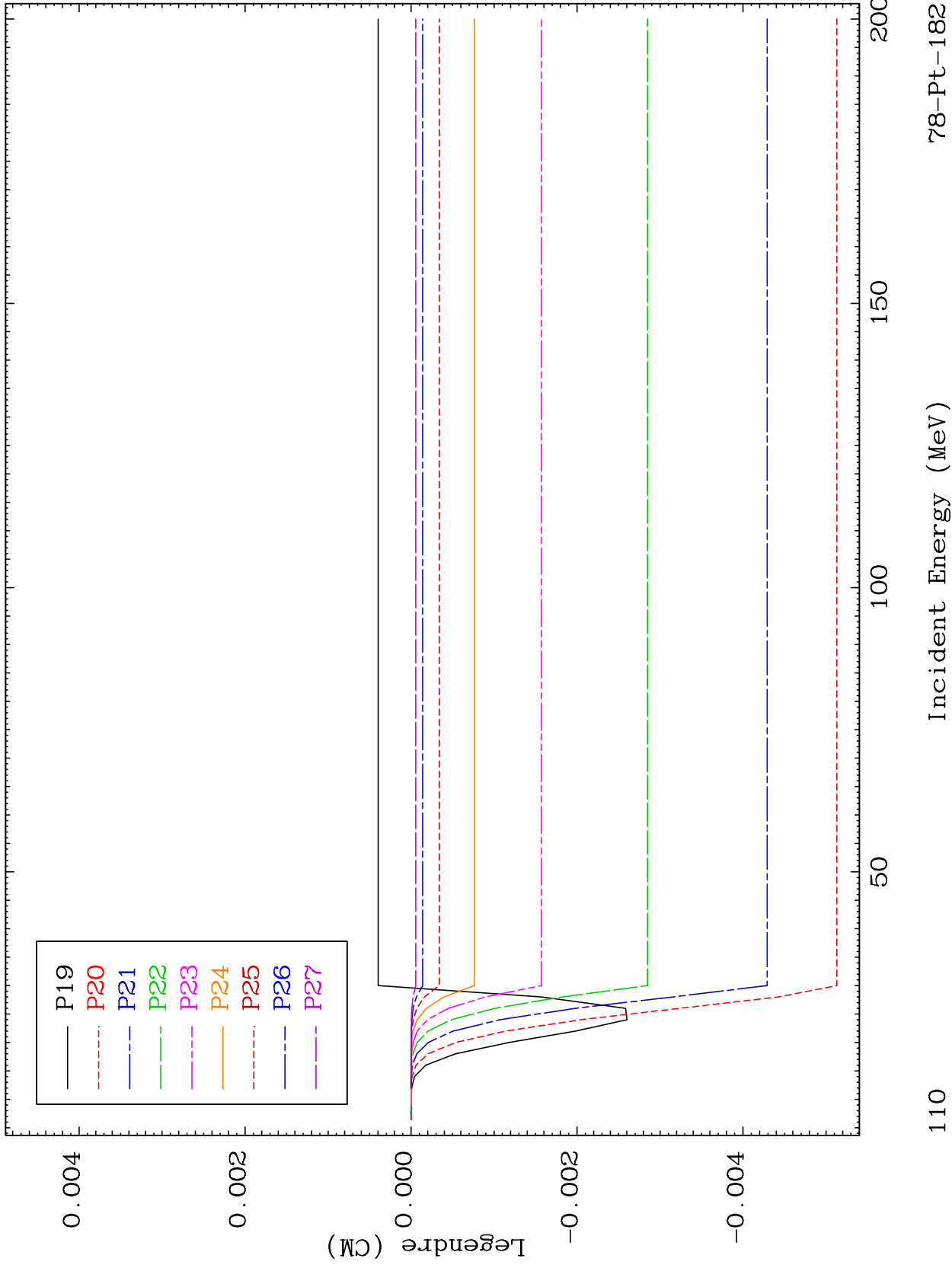
Incident Energy (MeV)

78-Pt-182

MAT 7801

1.685 MeV (n,n') Level
Legendre Coefficients

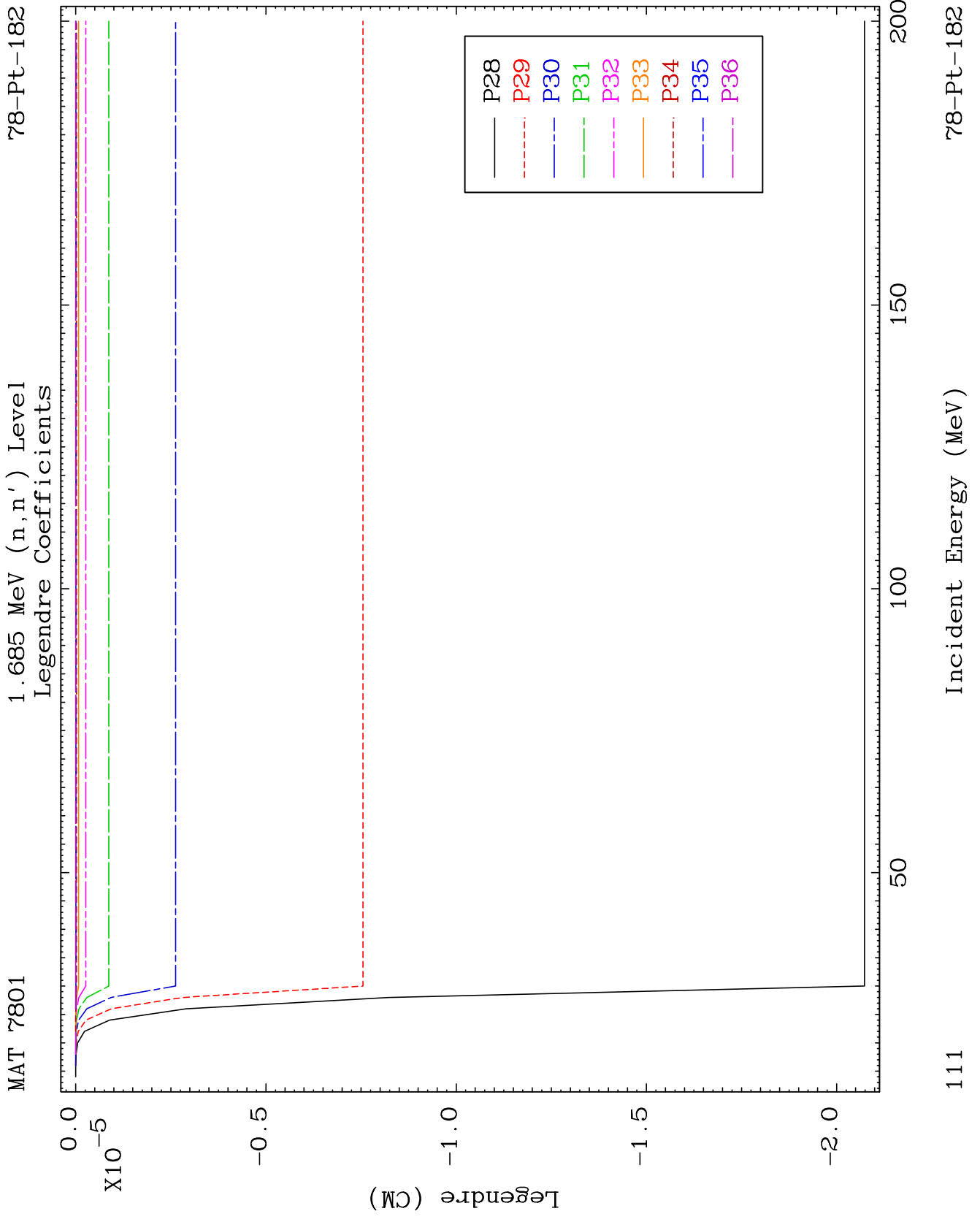
78-Pt-182



110

Incident Energy (MeV)

78-Pt-182

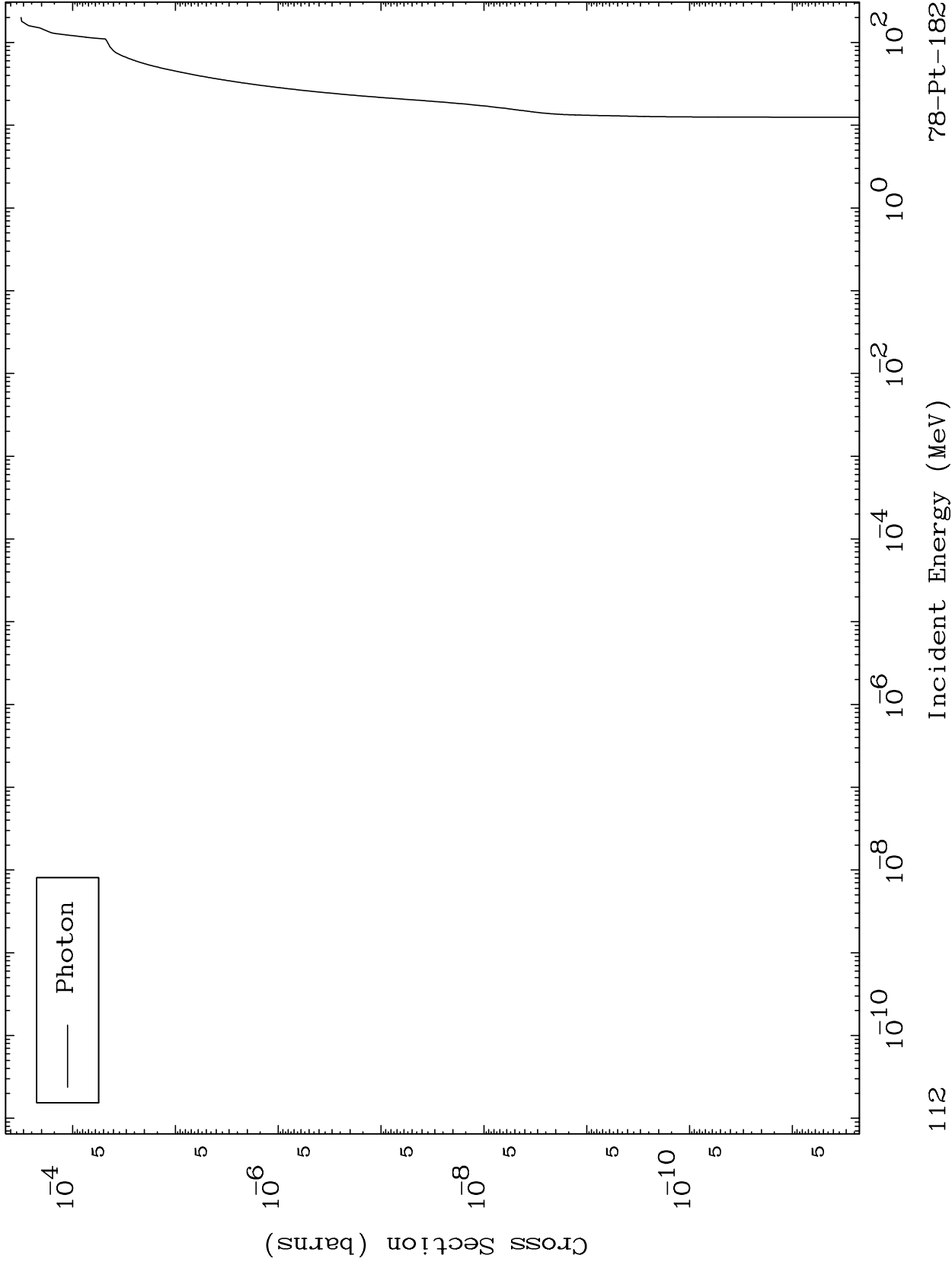


MAT 7801

Fission

78-Pt-182

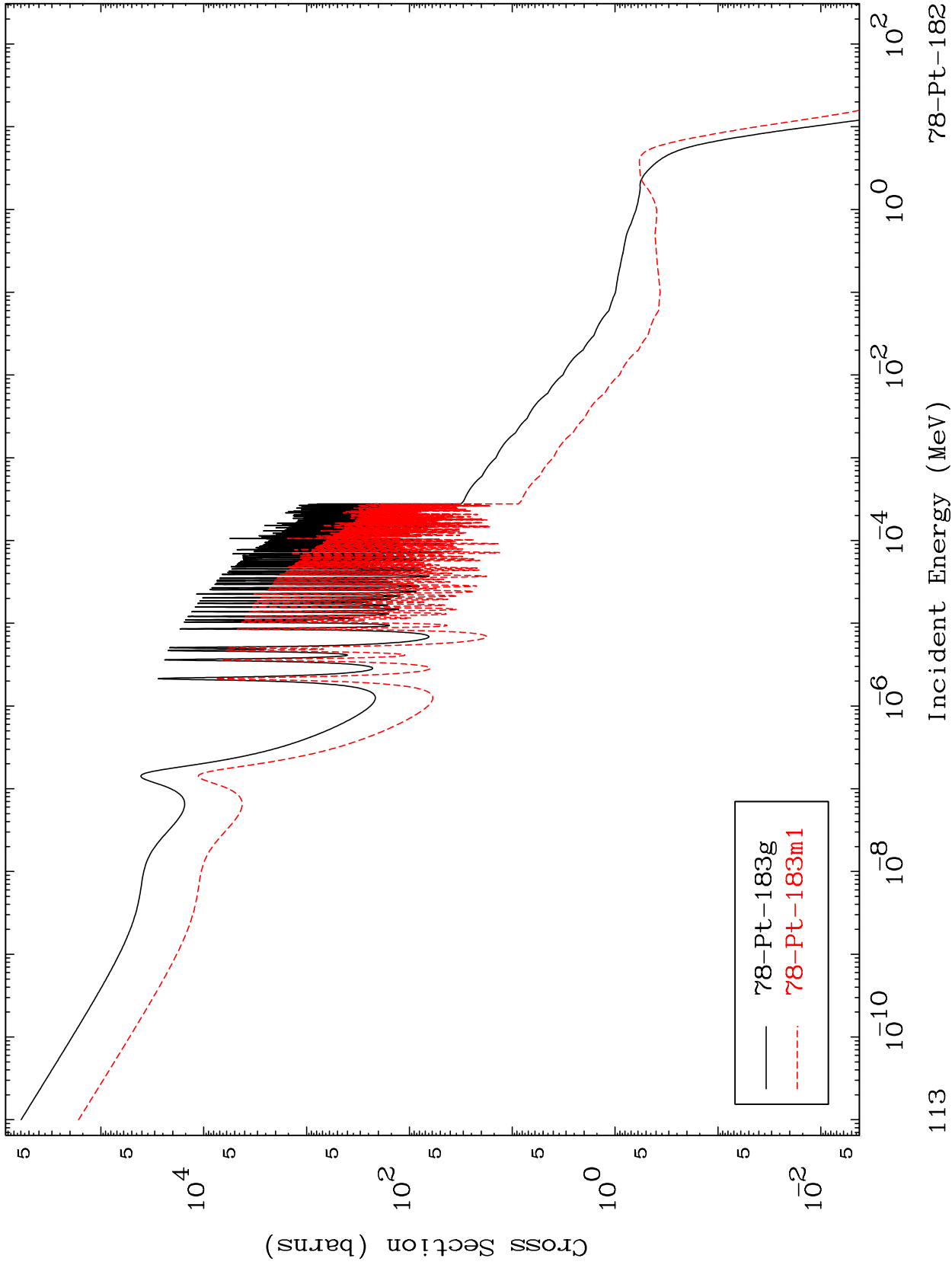
Radionuclide Production Cross Section



MAT 7801

78-Pt-182

(n, γ)
Radionuclide Production Cross Section

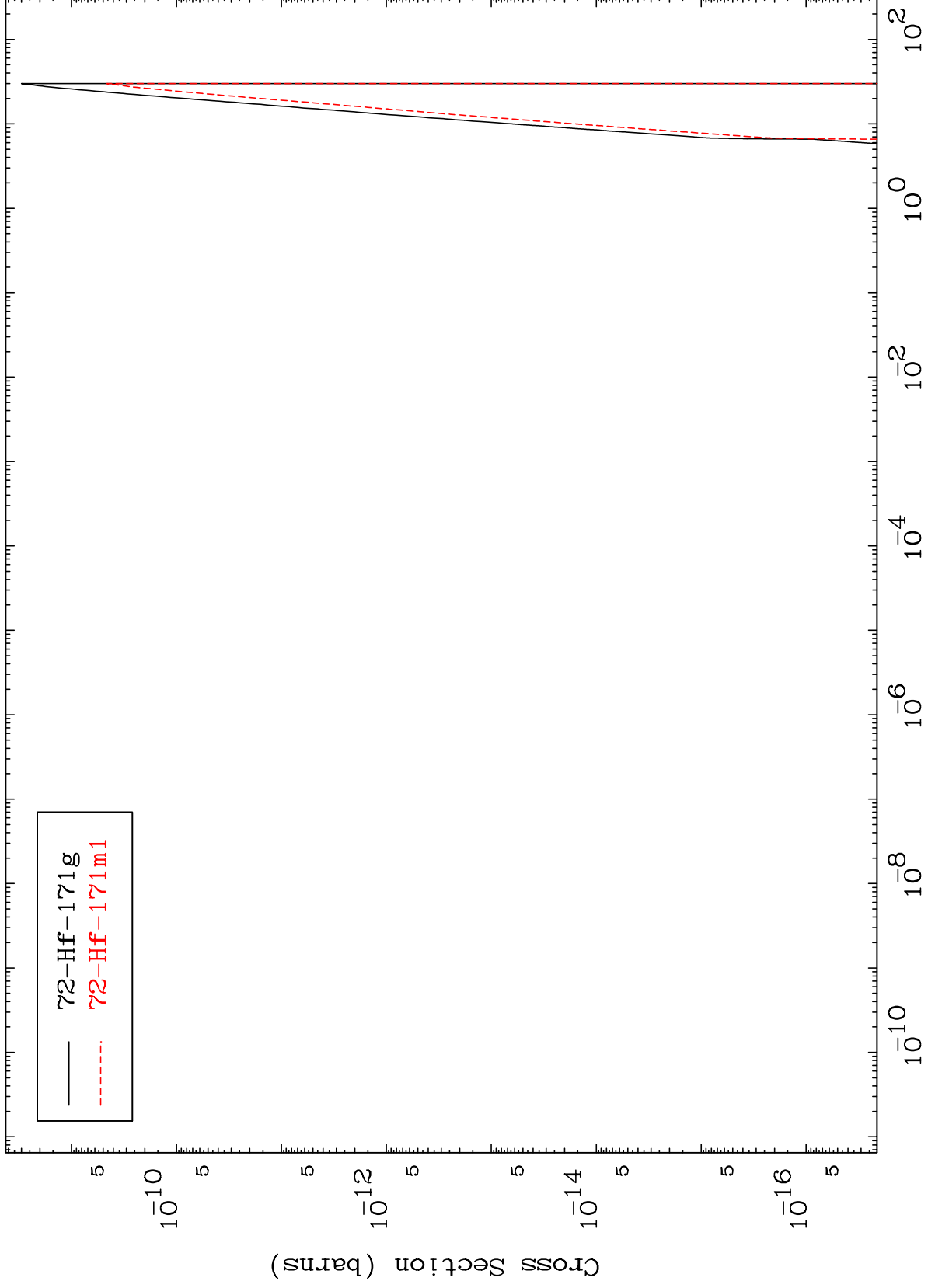


MAT 7801

(n,3 α)

78-Pt-182

Radionuclide Production Cross Section

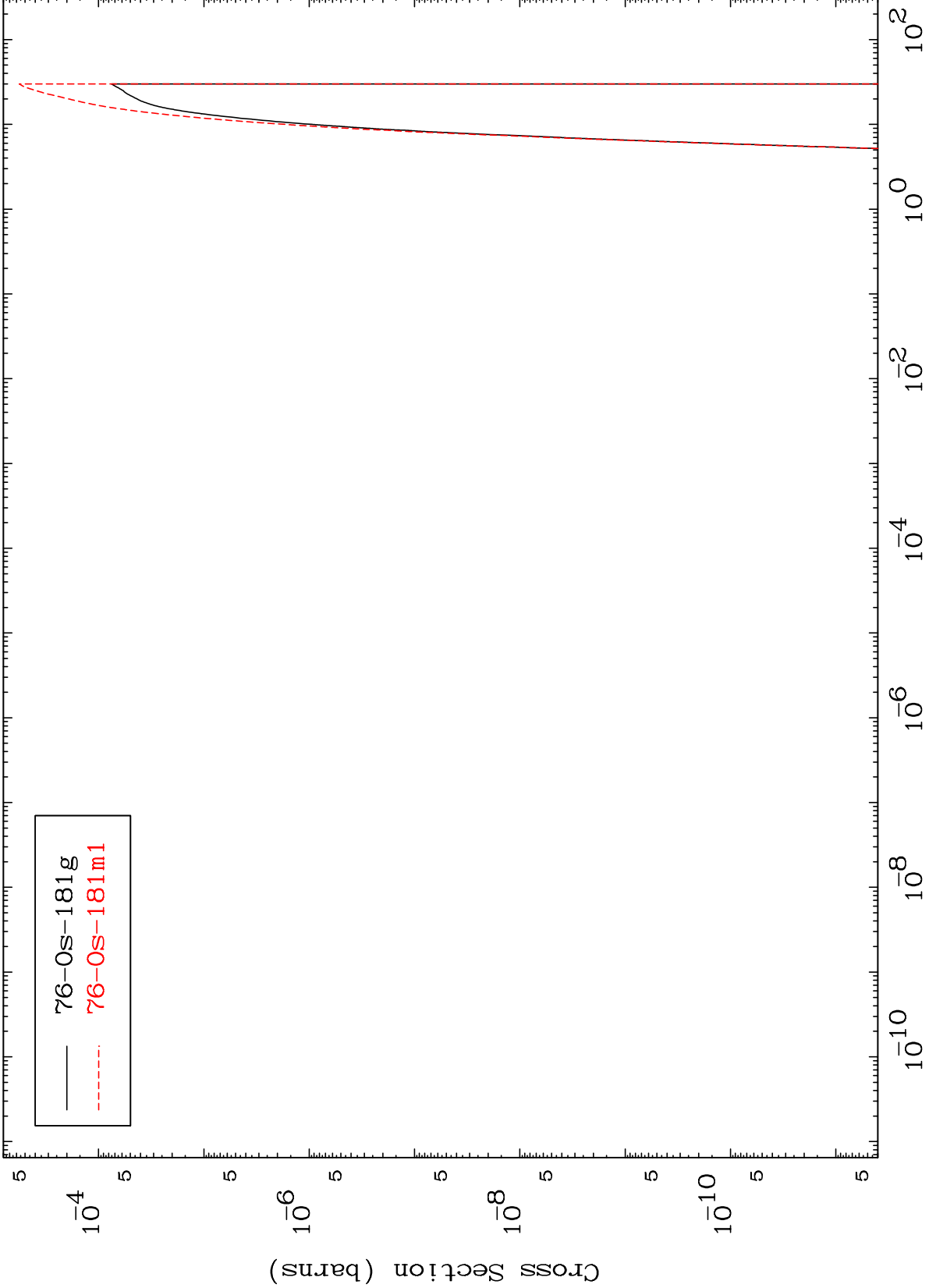


MAT 7801

(n,2p)

78-Pt-182

Radionuclide Production Cross Section



76-Os-181g
76-Os-181m1