

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

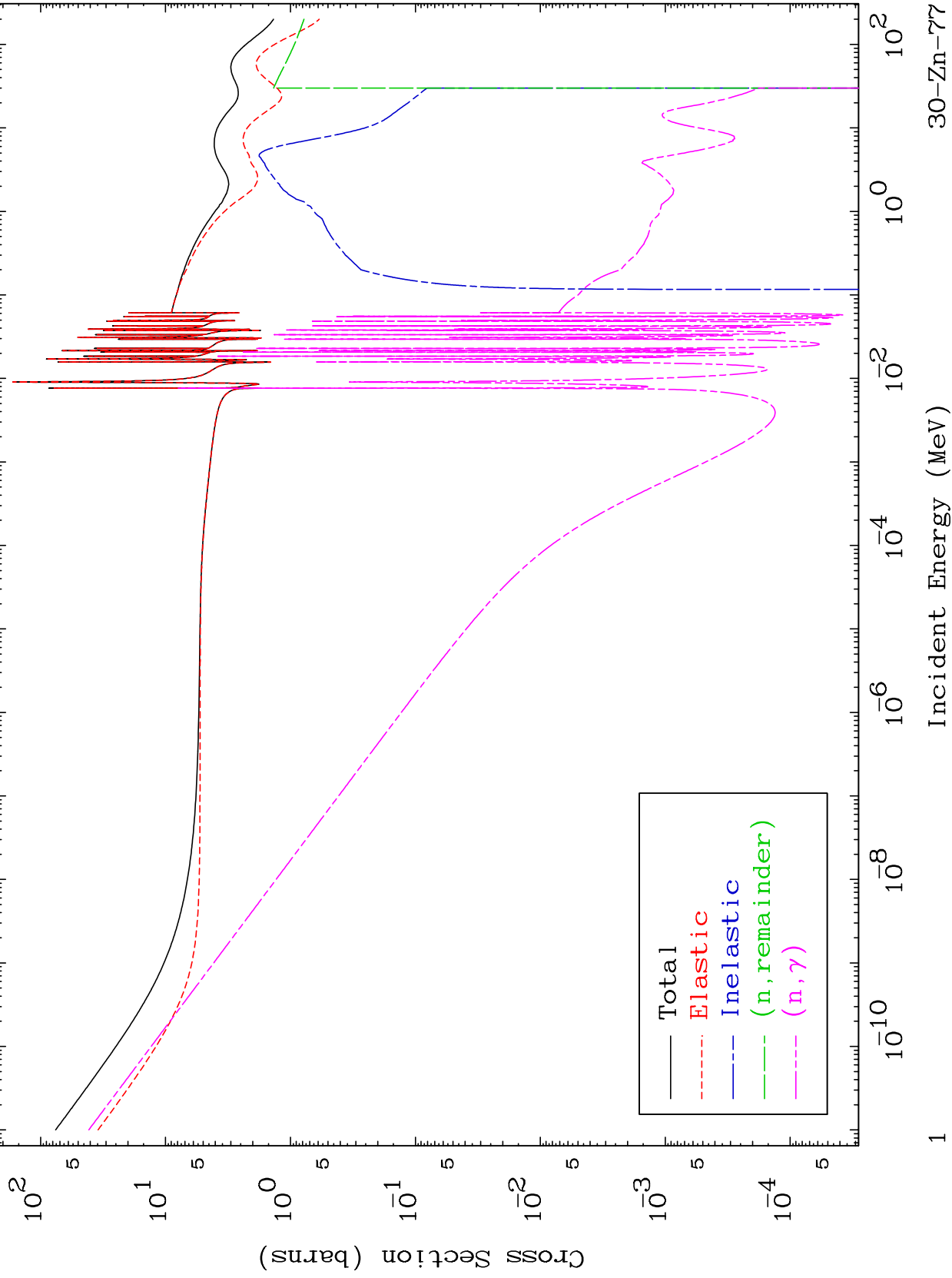
Press Mouse Button to Start

MAT 3064

Major

293 Kelvin Cross Sections

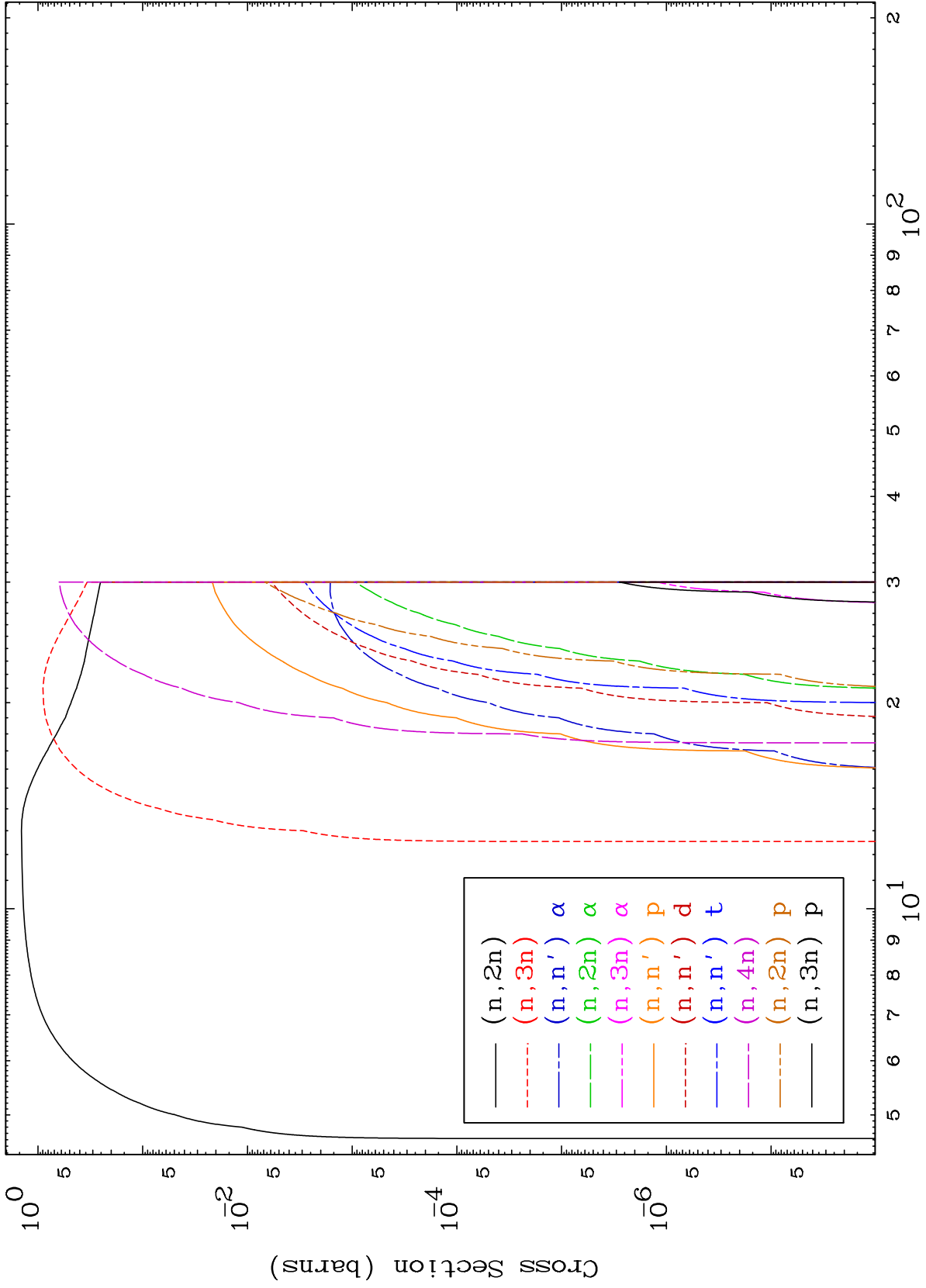
30-Zn-77



MAT 3064

Neutron Production
293 Kelvin Cross Sections

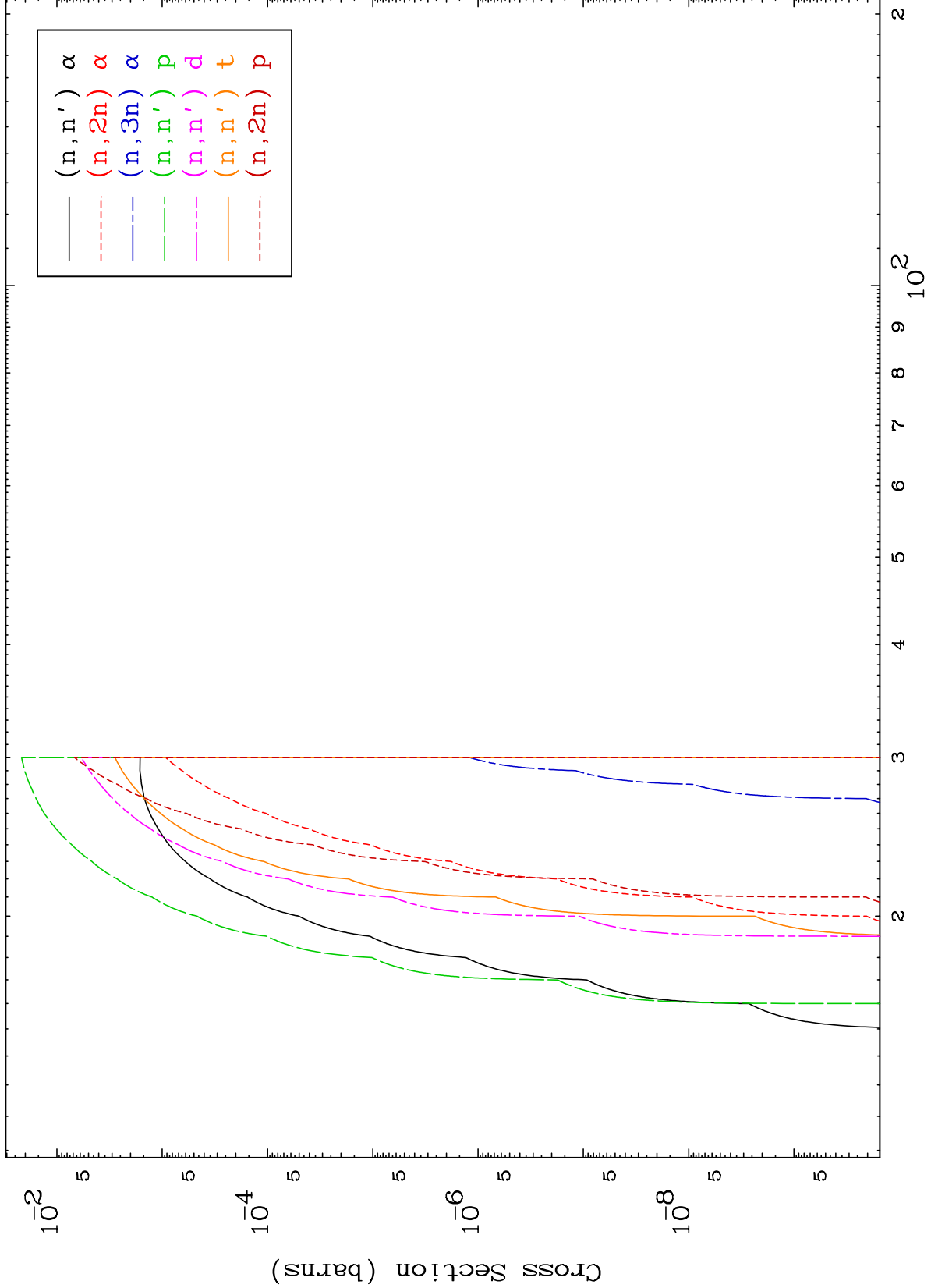
30-Zn-77

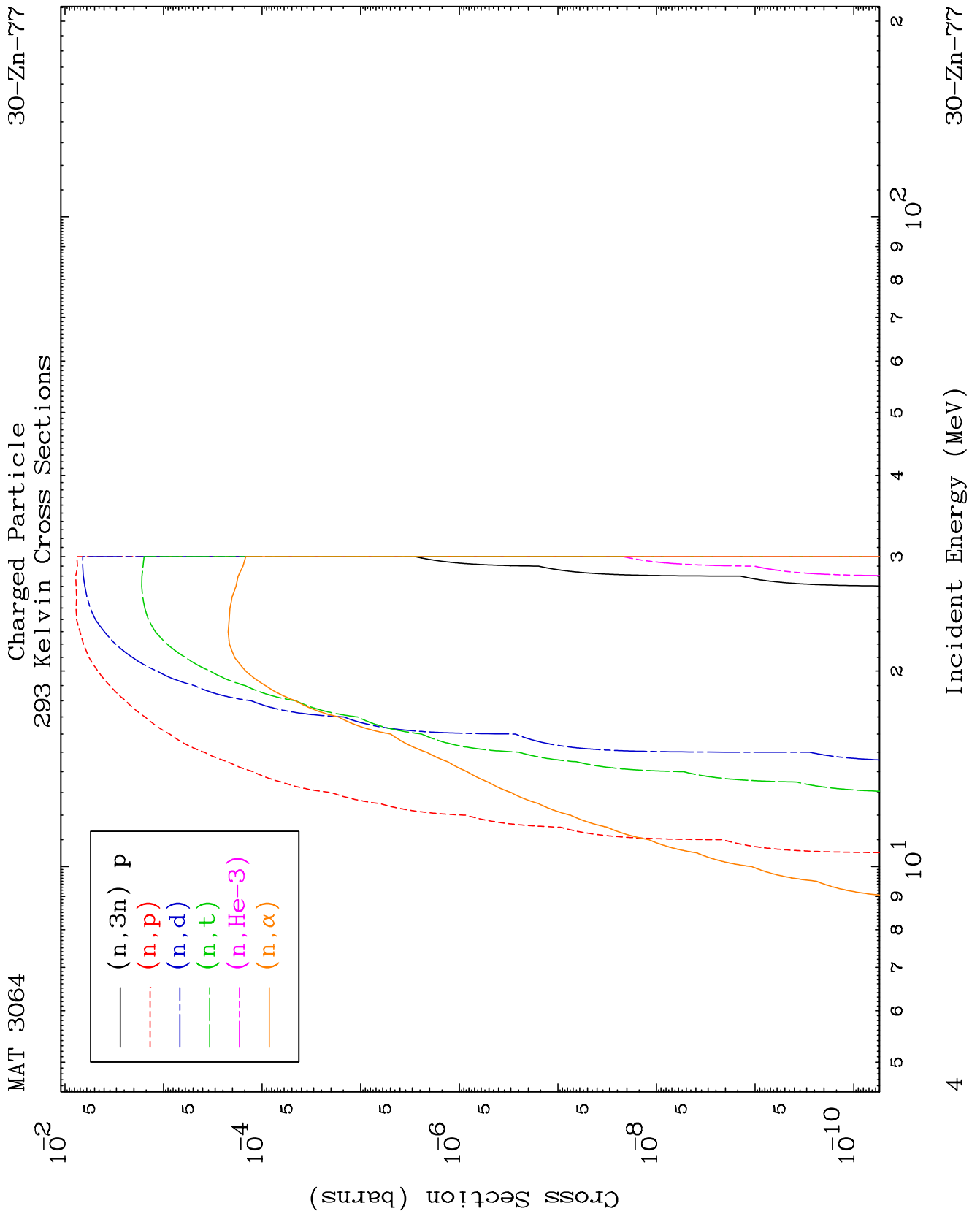


Incident Energy (MeV)

30-Zn-77

2

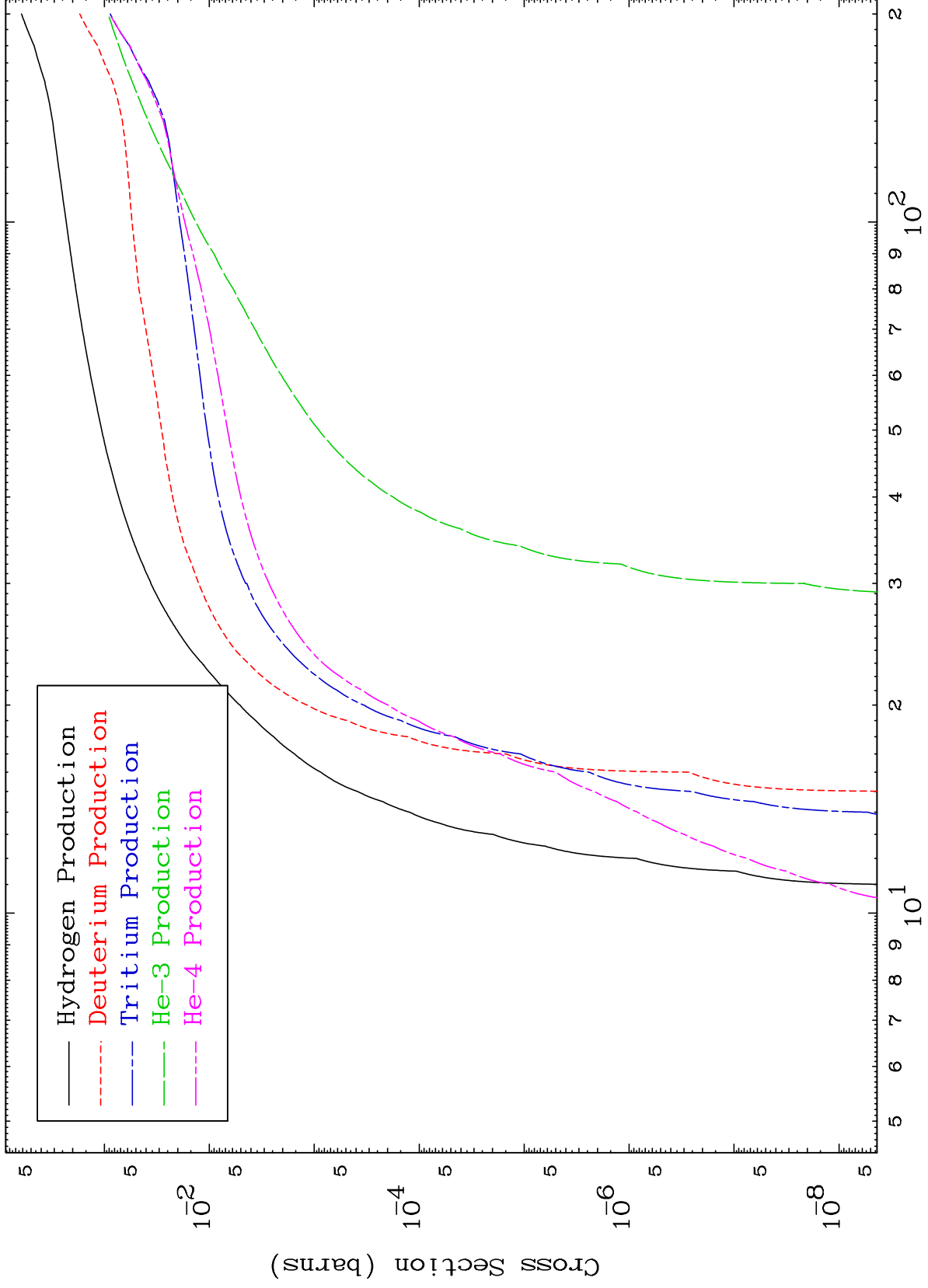




MAT 3064

Particle Production
293 Kelvin Cross Sections

30-Zn-77



5

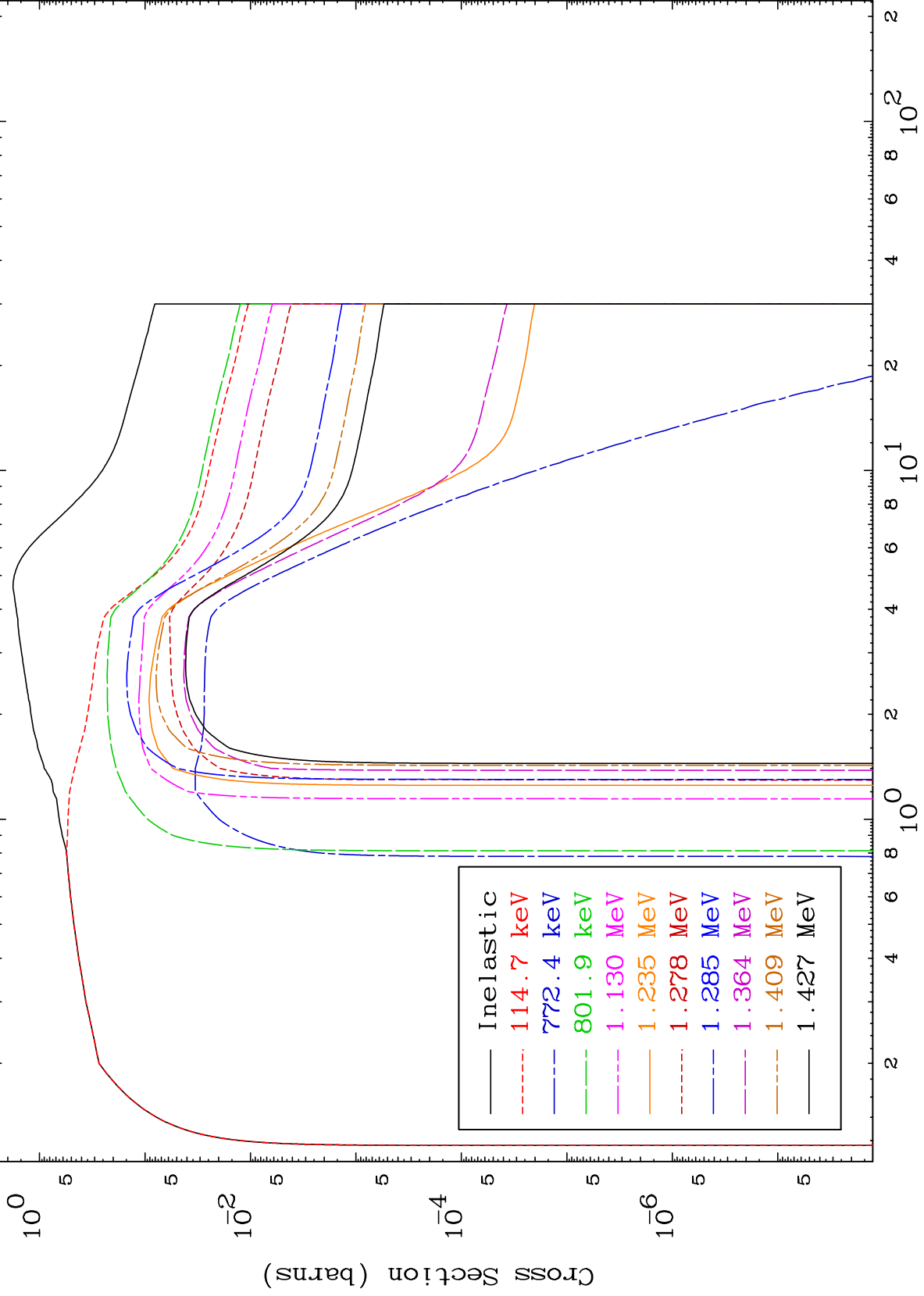
Incident Energy (MeV)

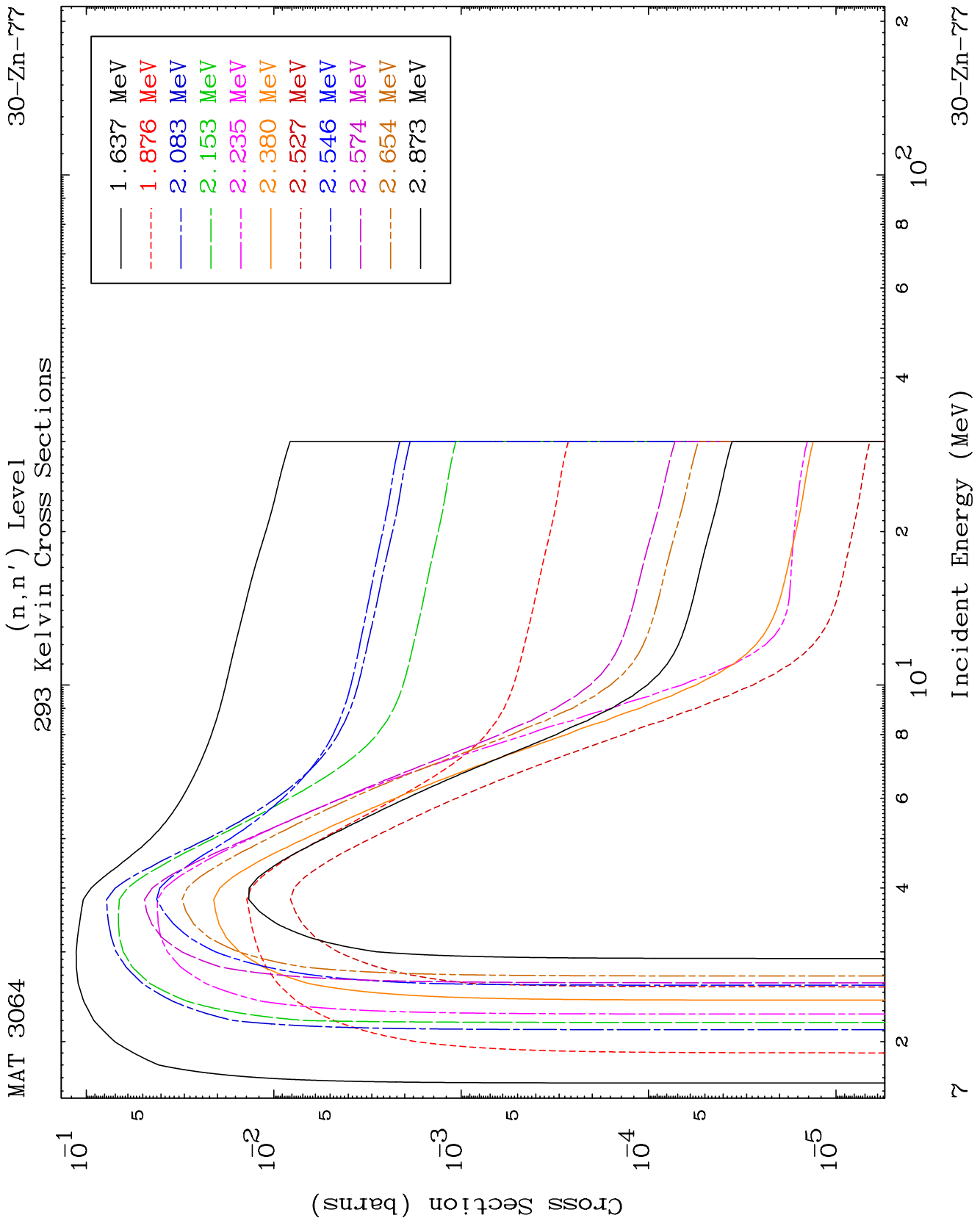
30-Zn-77

MAT 3064

(n,n') Level
293 Kelvin Cross Sections

30-Zn-77

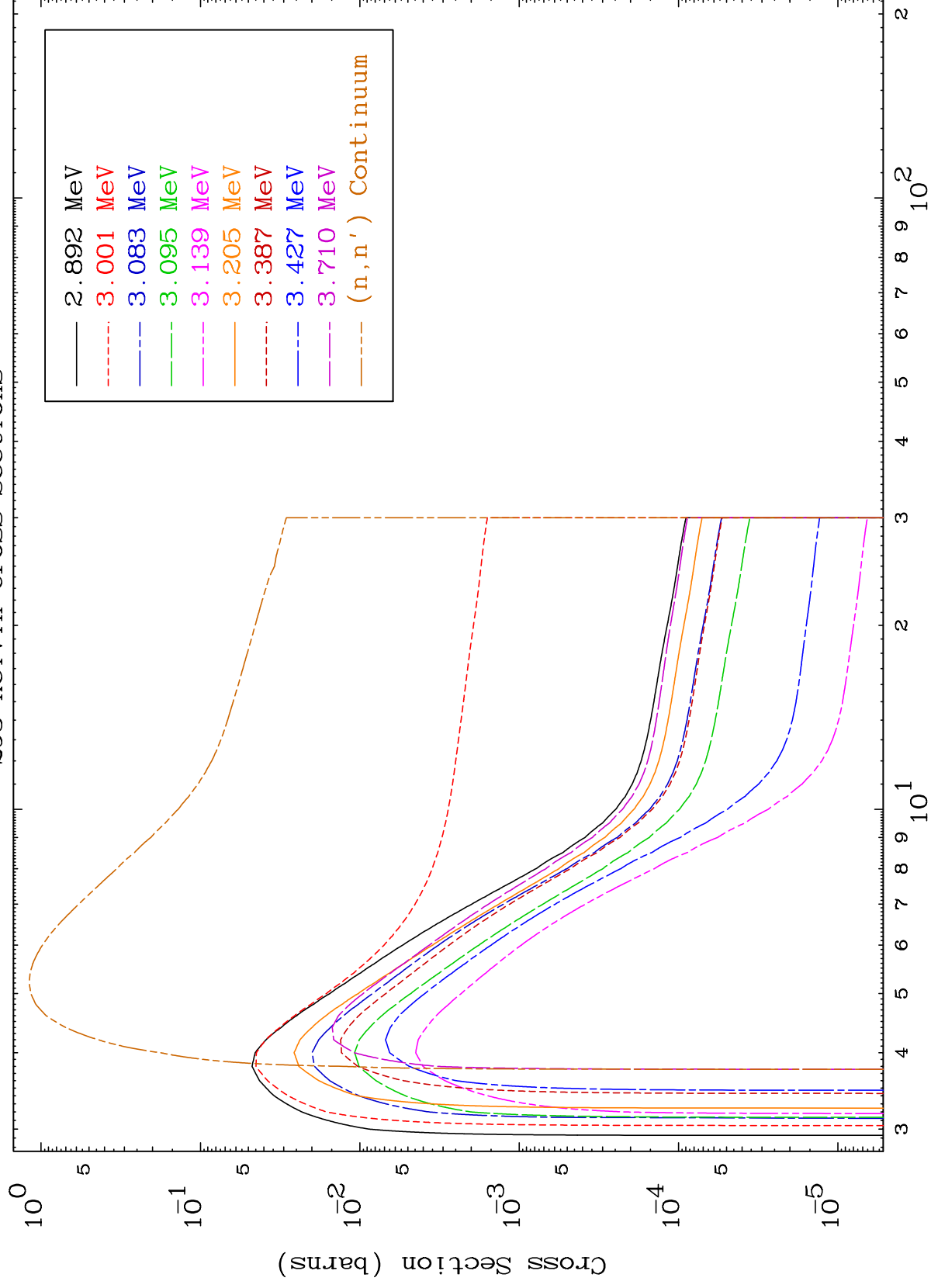




MAT 3064

(n,n') Level
293 Kelvin Cross Sections

30-Zn-77



8

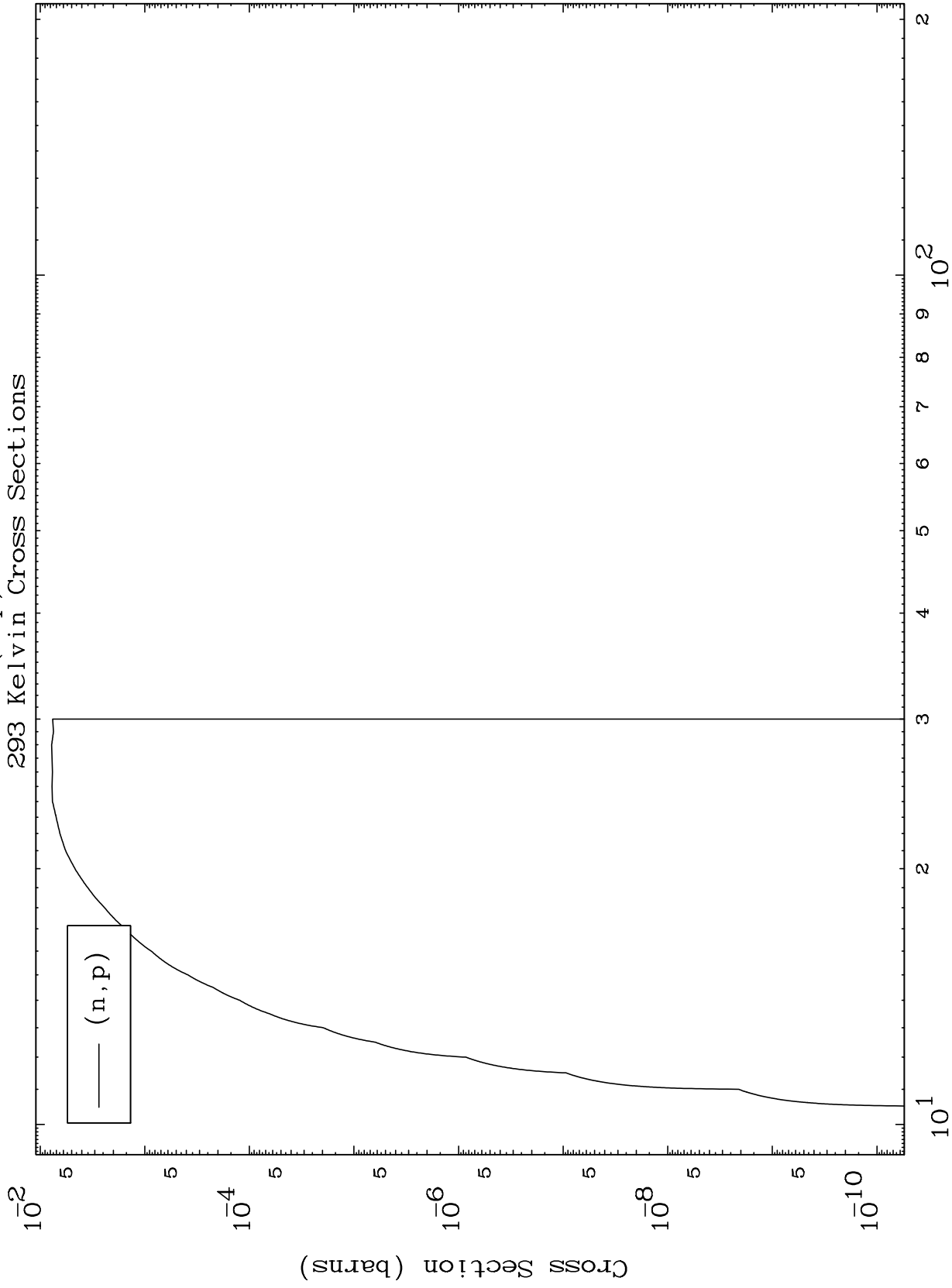
Incident Energy (MeV)

30-Zn-77

MAT 3064

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-77



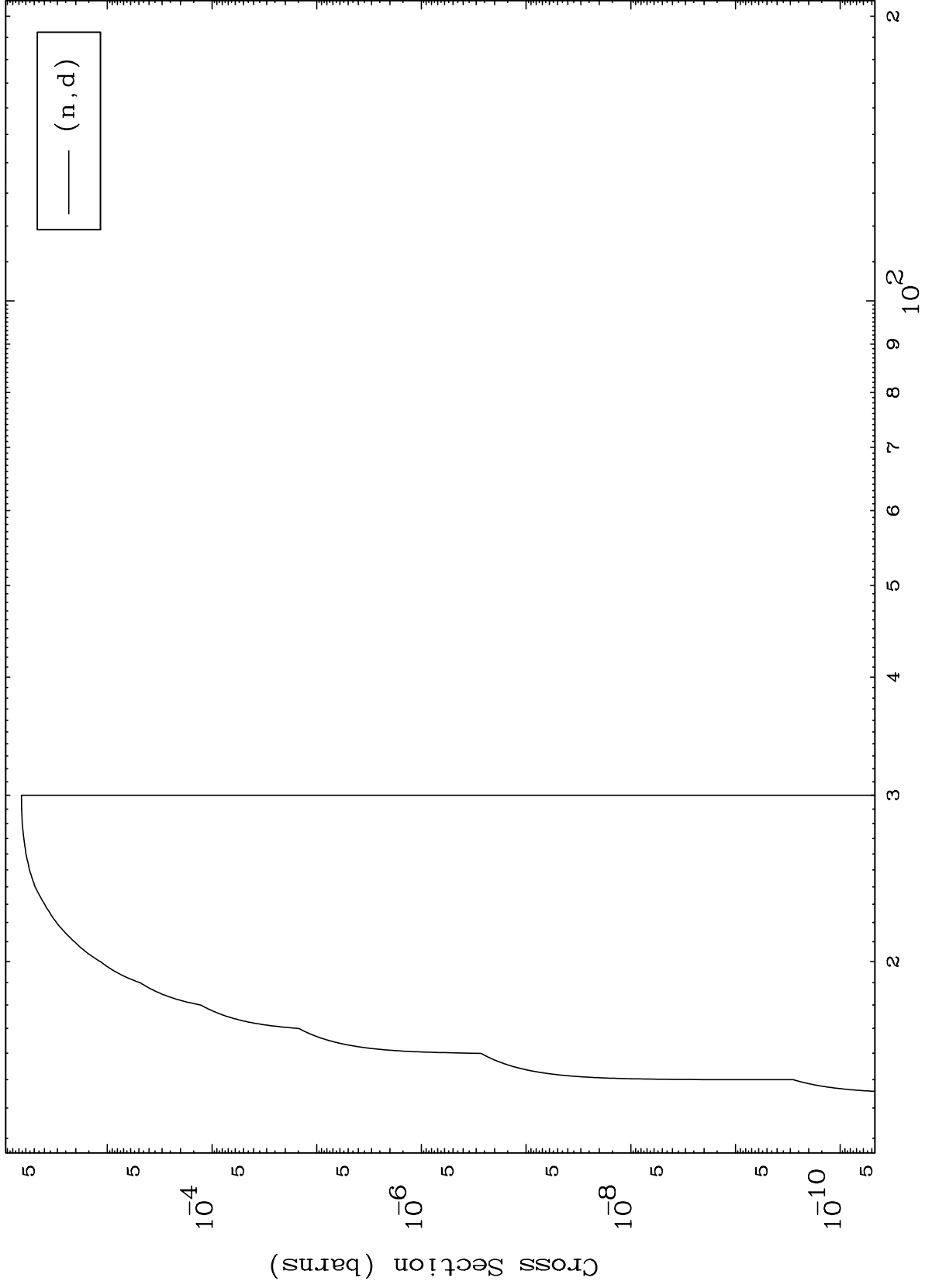
Incident Energy (MeV)

30-Zn-77

MAT 3064

(n,d) Levels
293 Kelvin Cross Sections

30-Zn-77



10

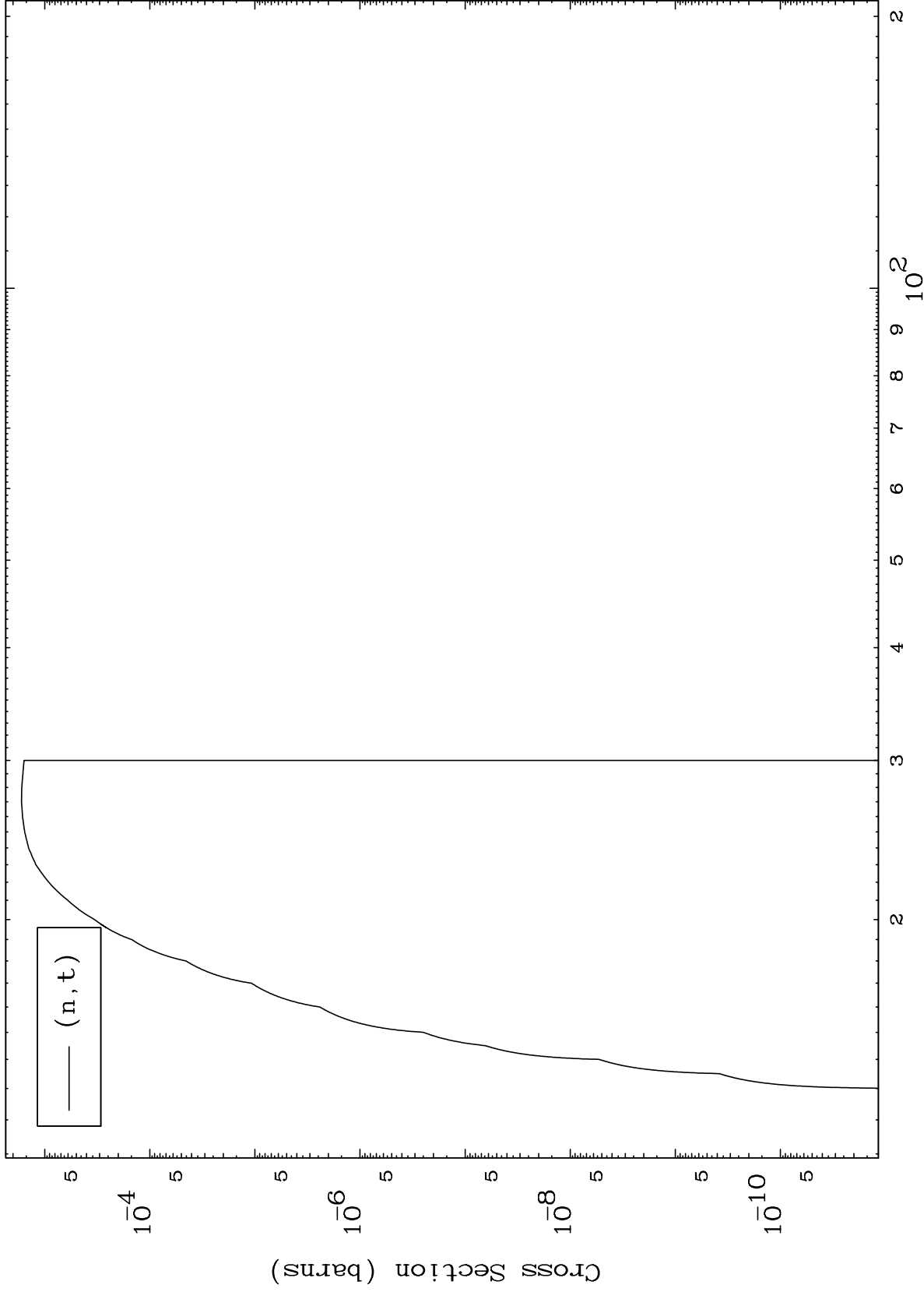
Incident Energy (MeV)

30-Zn-77

MAT 3064

(n,t) Levels
293 Kelvin Cross Sections

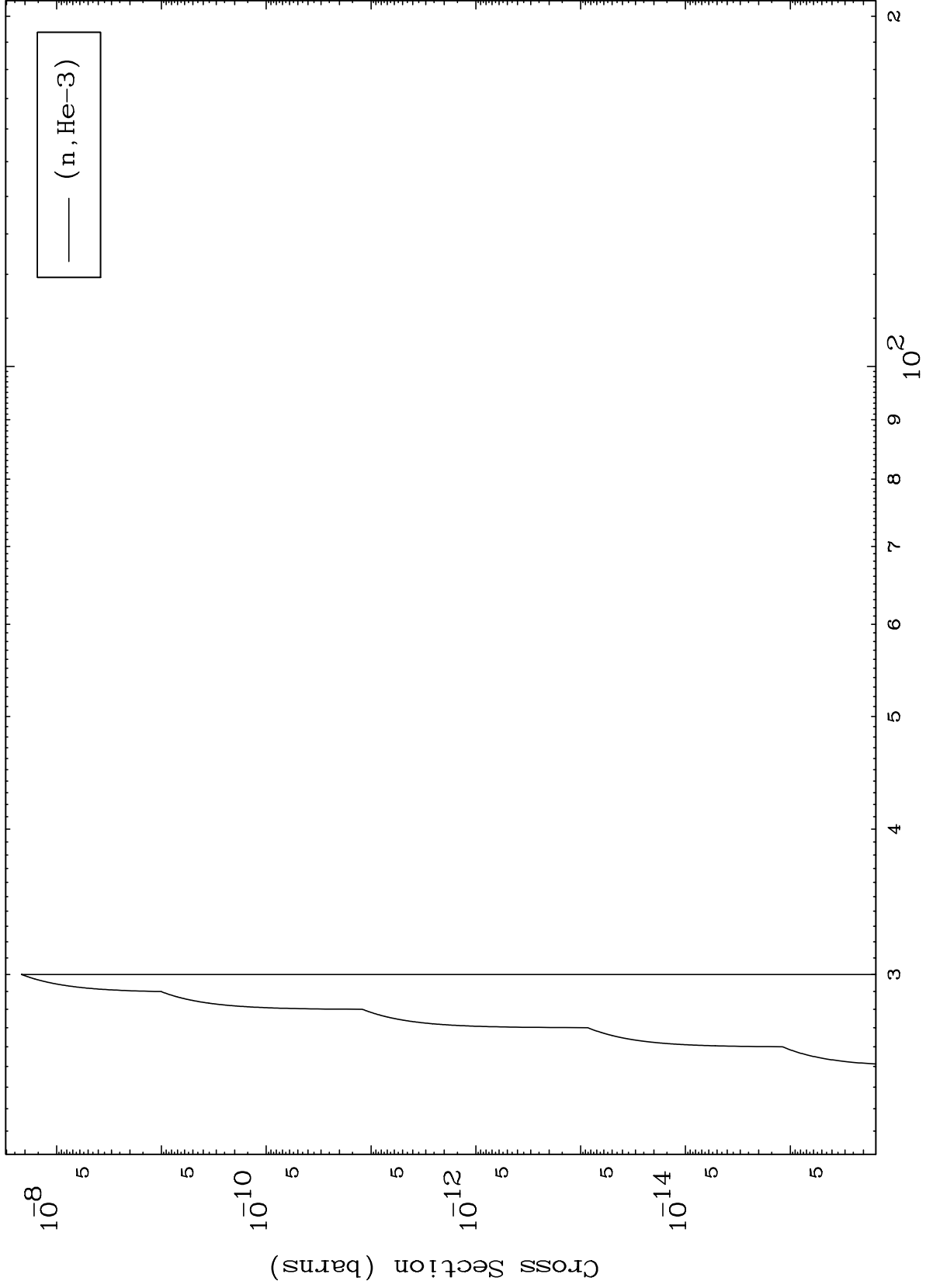
30-Zn-77



MAT 3064

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-77



12

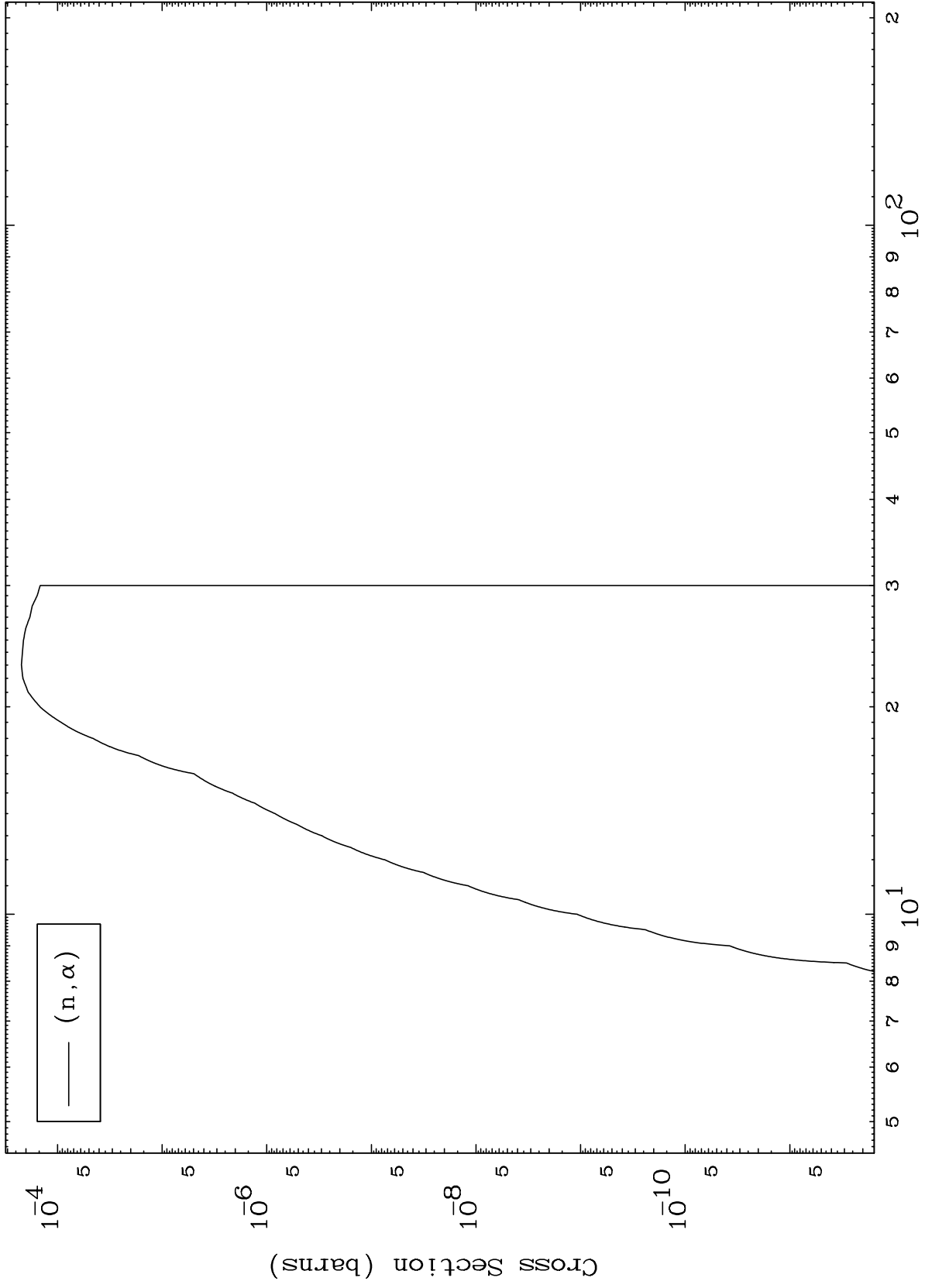
Incident Energy (MeV)

30-Zn-77

MAT 3064

(n, α) Levels
293 Kelvin Cross Sections

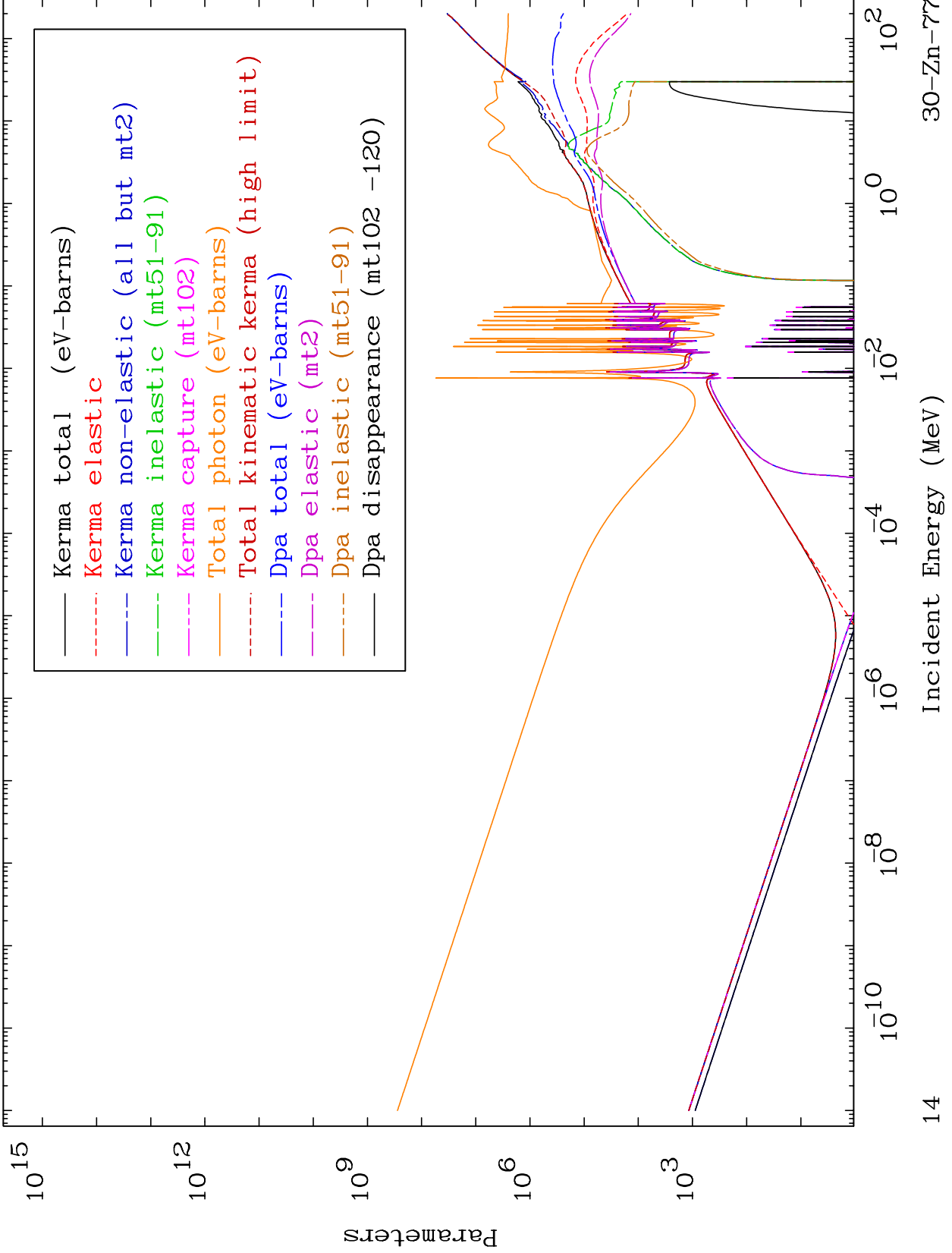
30-Zn-77



13

Incident Energy (MeV)

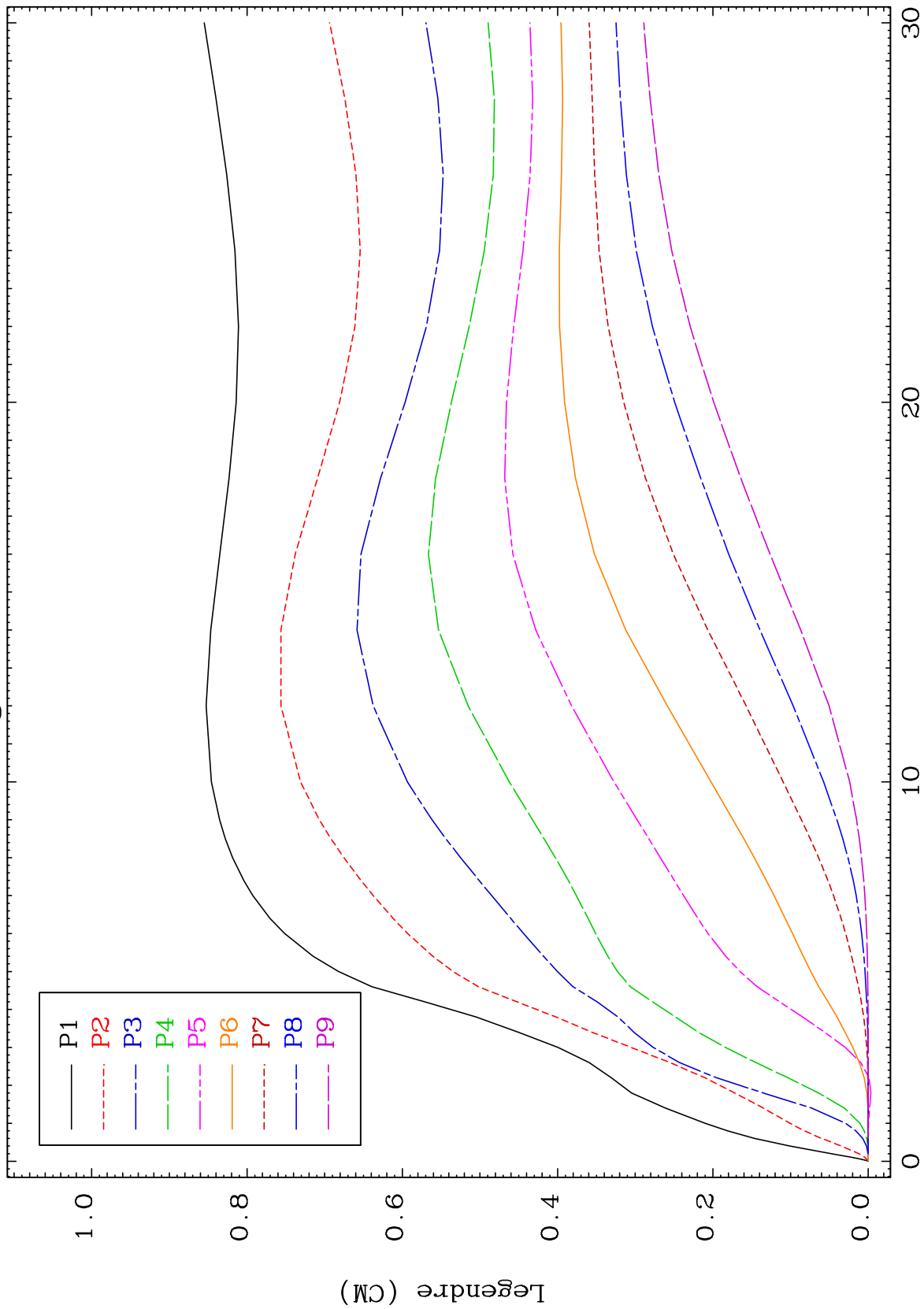
30-Zn-77



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Elastic Legendre Coefficients

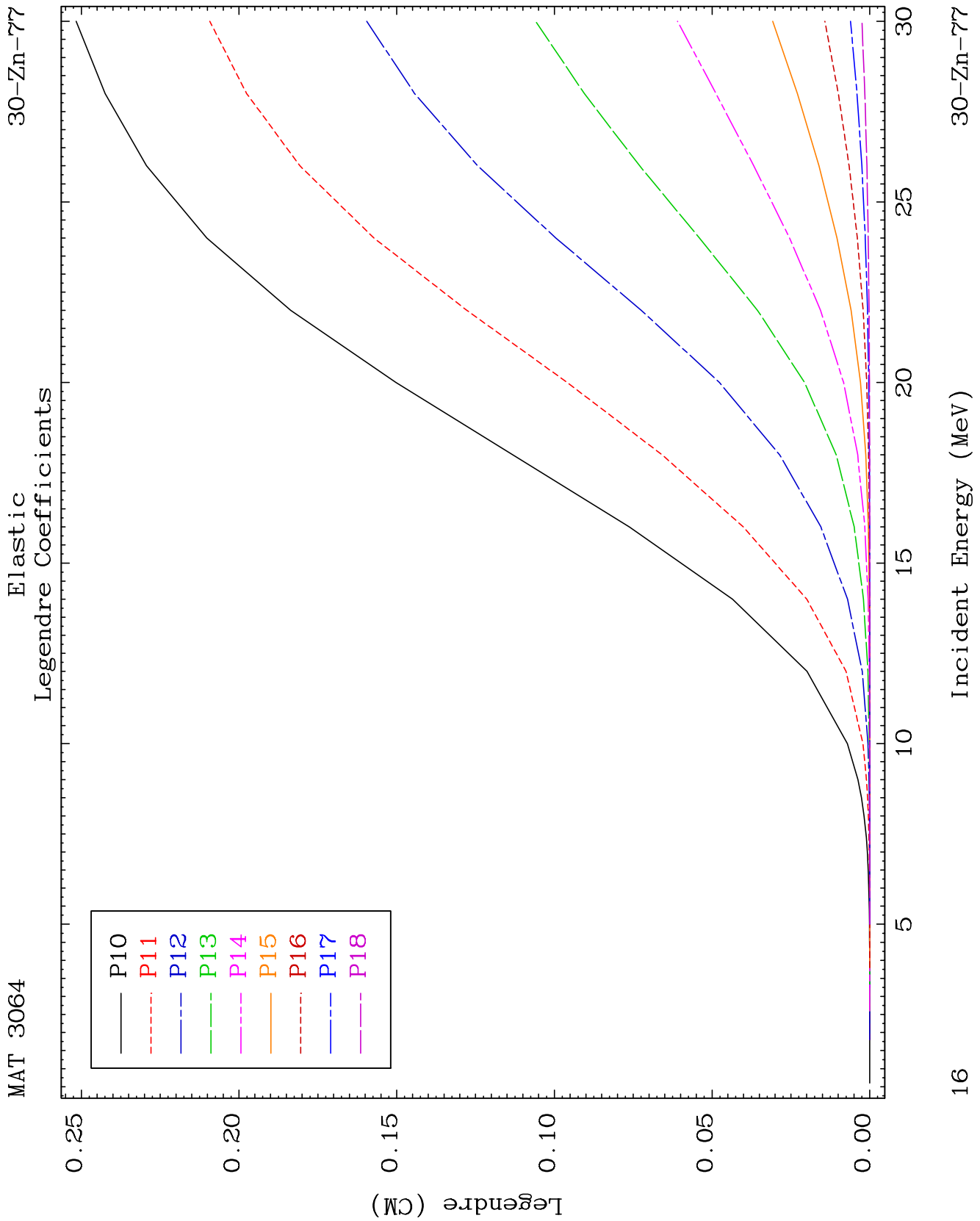
30-Zn-77



15

Incident Energy (MeV)

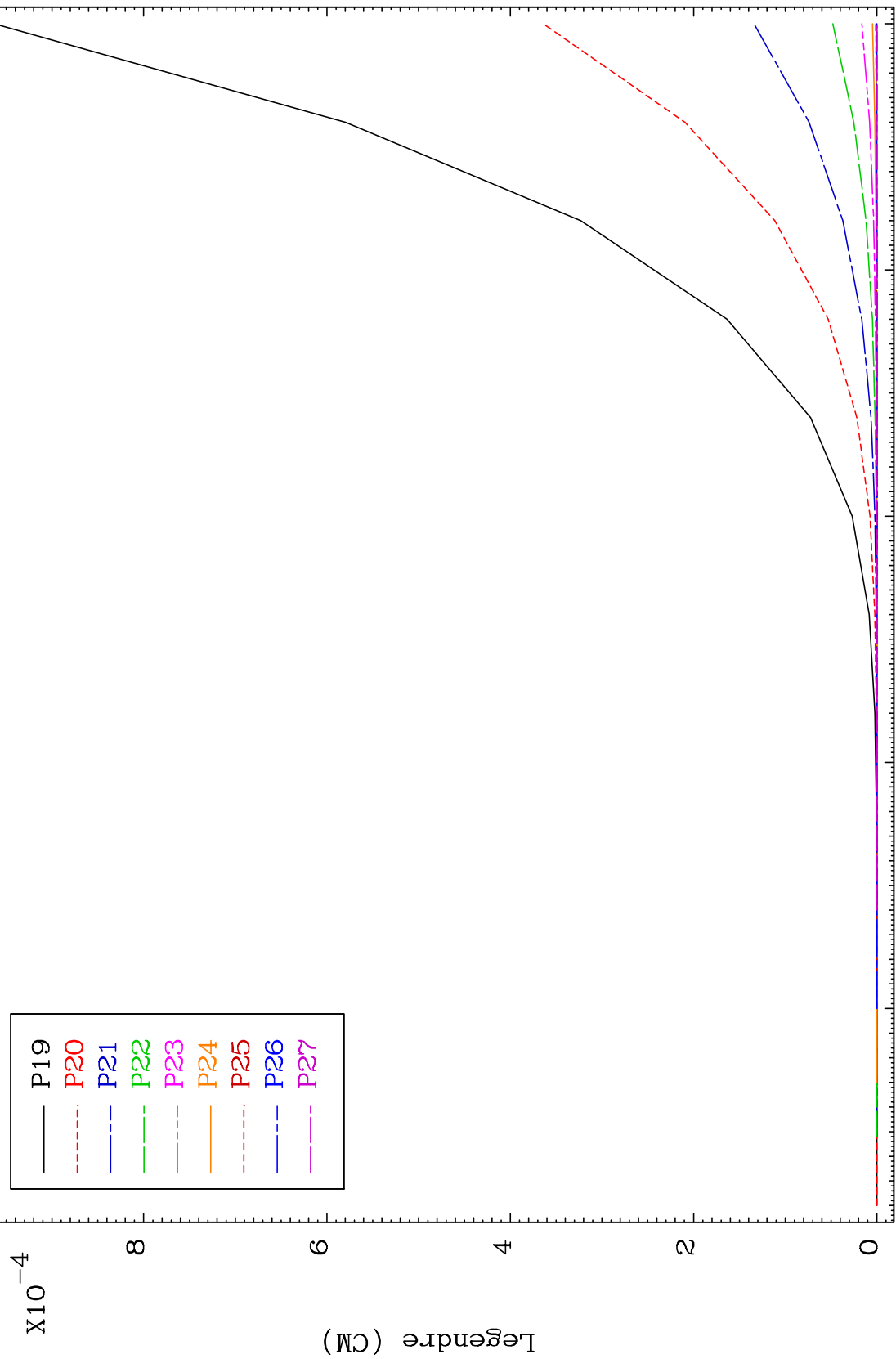
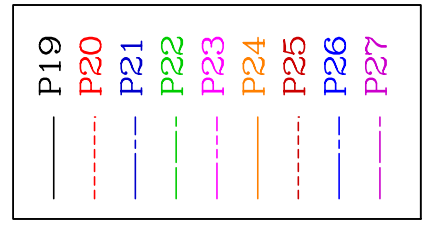
30-Zn-77



MAT 3064

Elastic Legendre Coefficients

30-Zn-77



17

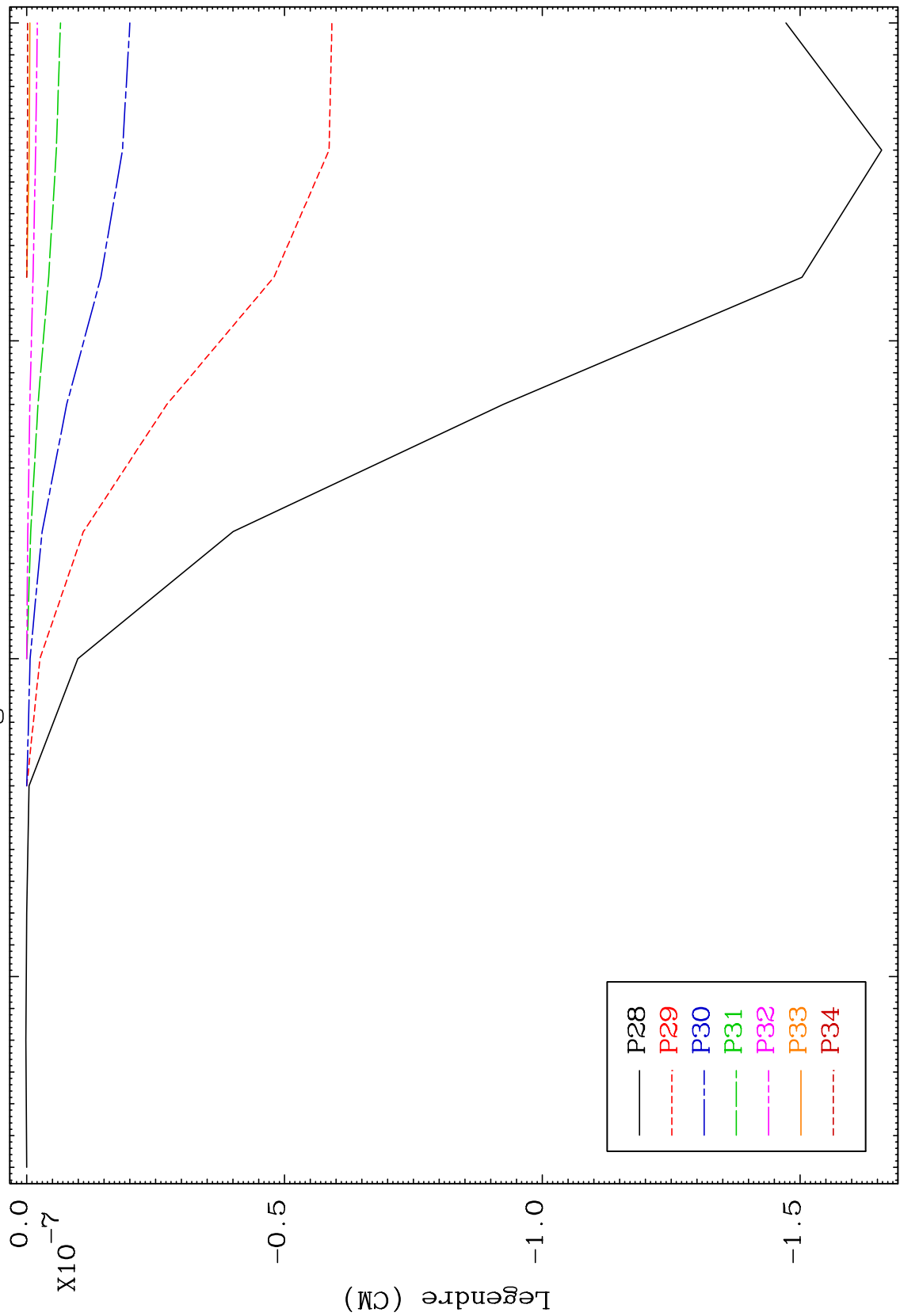
Incident Energy (MeV)

30-Zn-77

MAT 3064

30-Zn-77

Elastic Legendre Coefficients



Legendre (CM)
X10⁻⁷

30

25

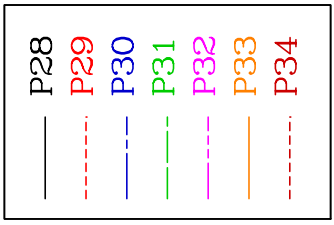
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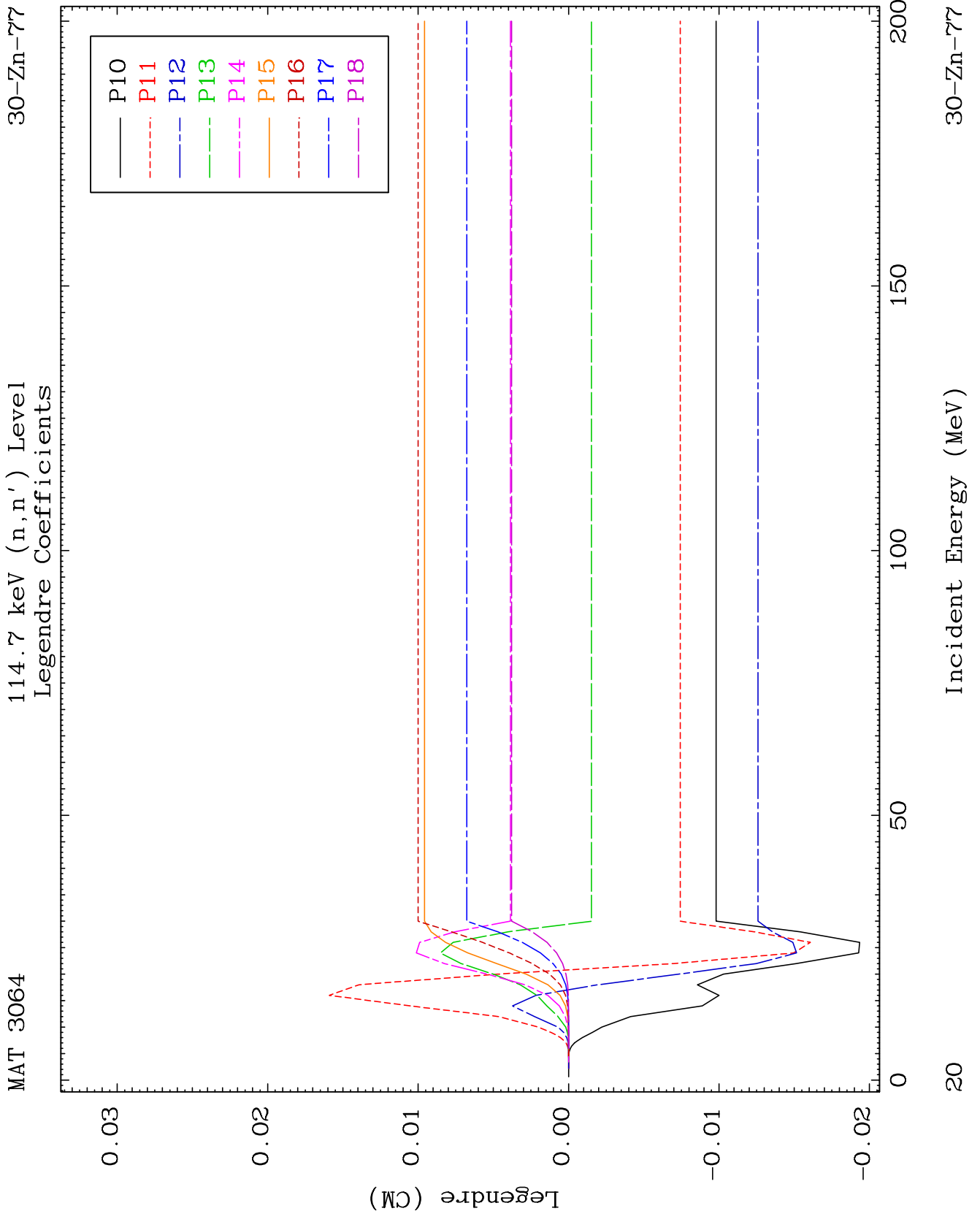
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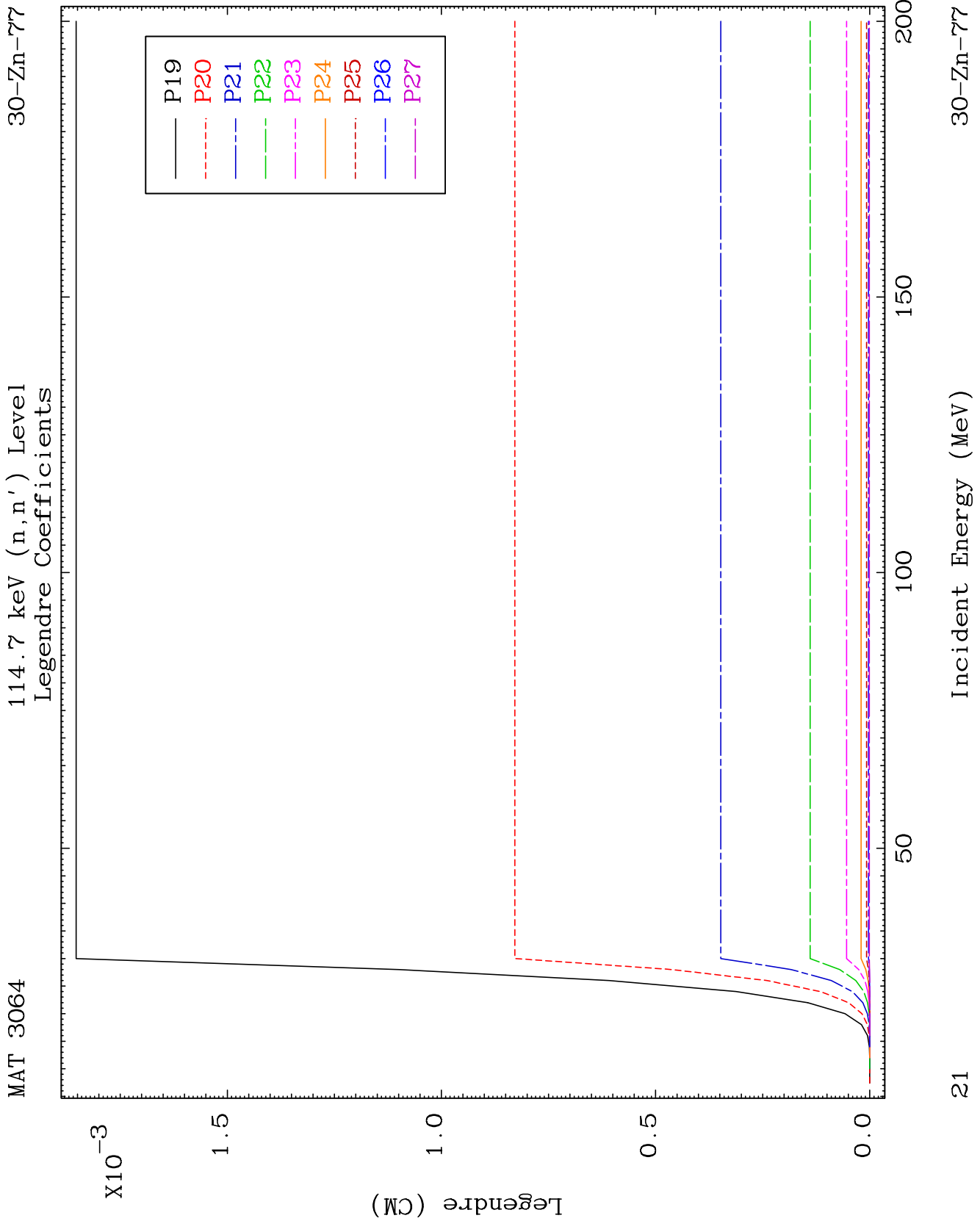
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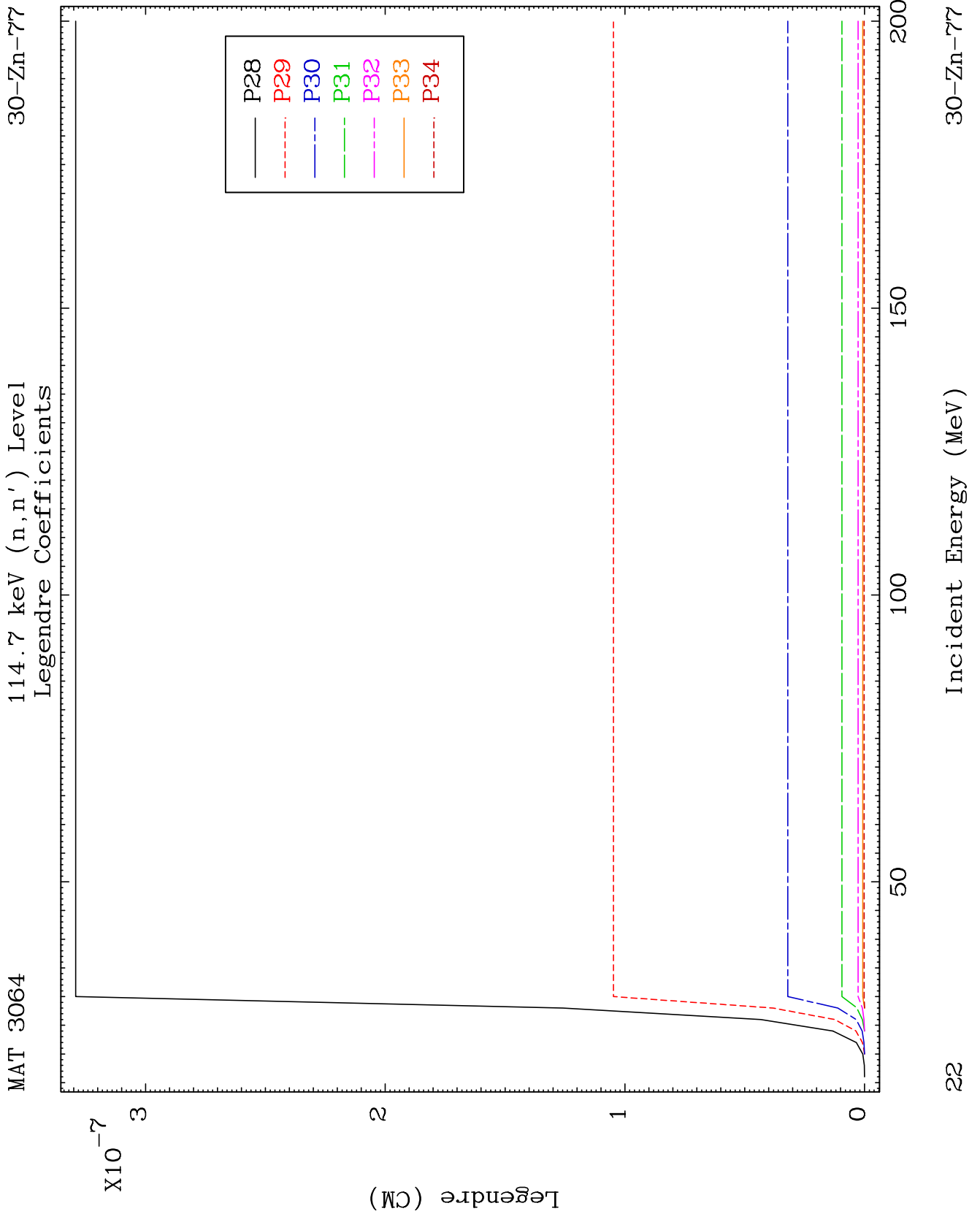
Incident Energy (MeV)

30-Zn-77





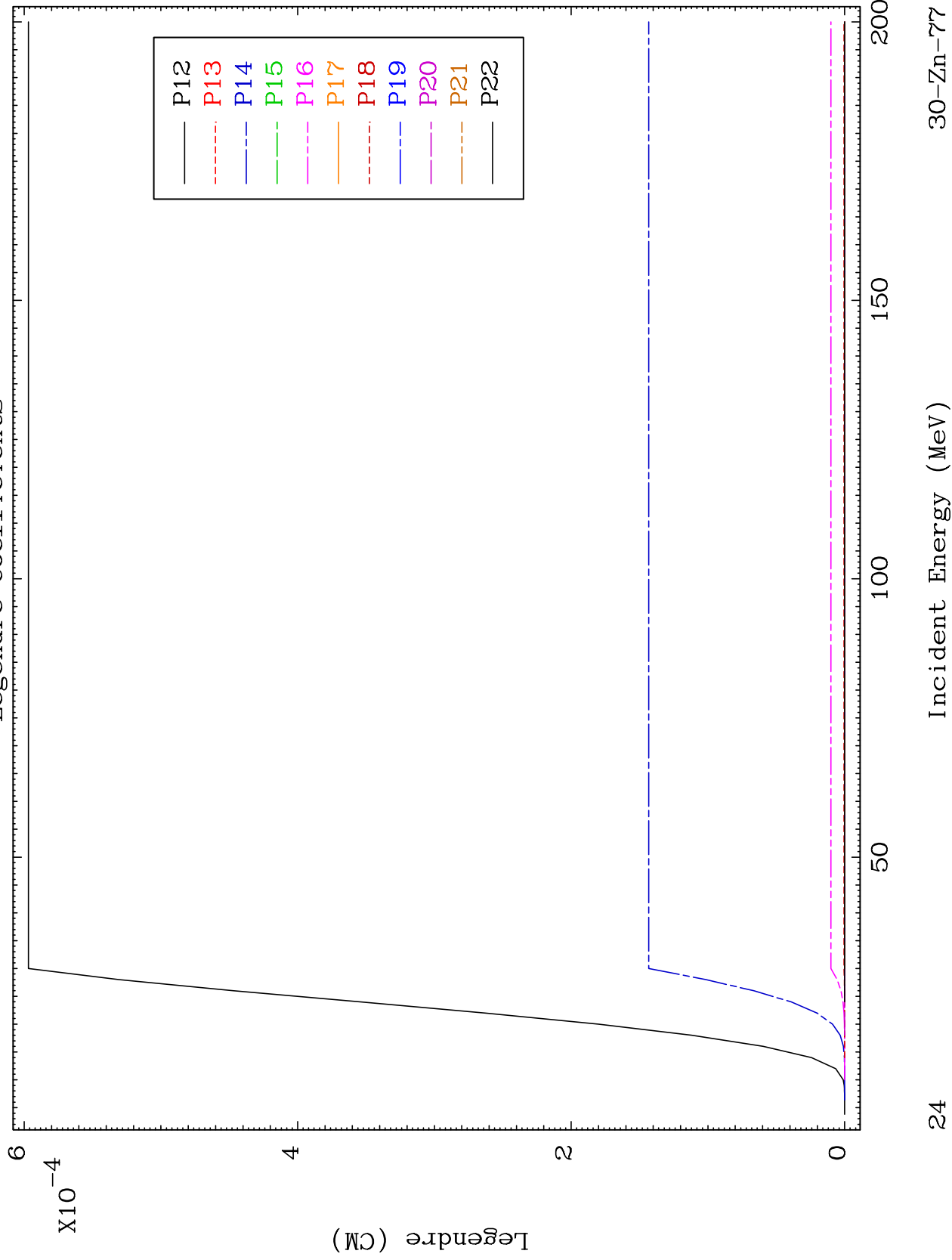




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772.4 keV (n,n') Level
Legendre Coefficients

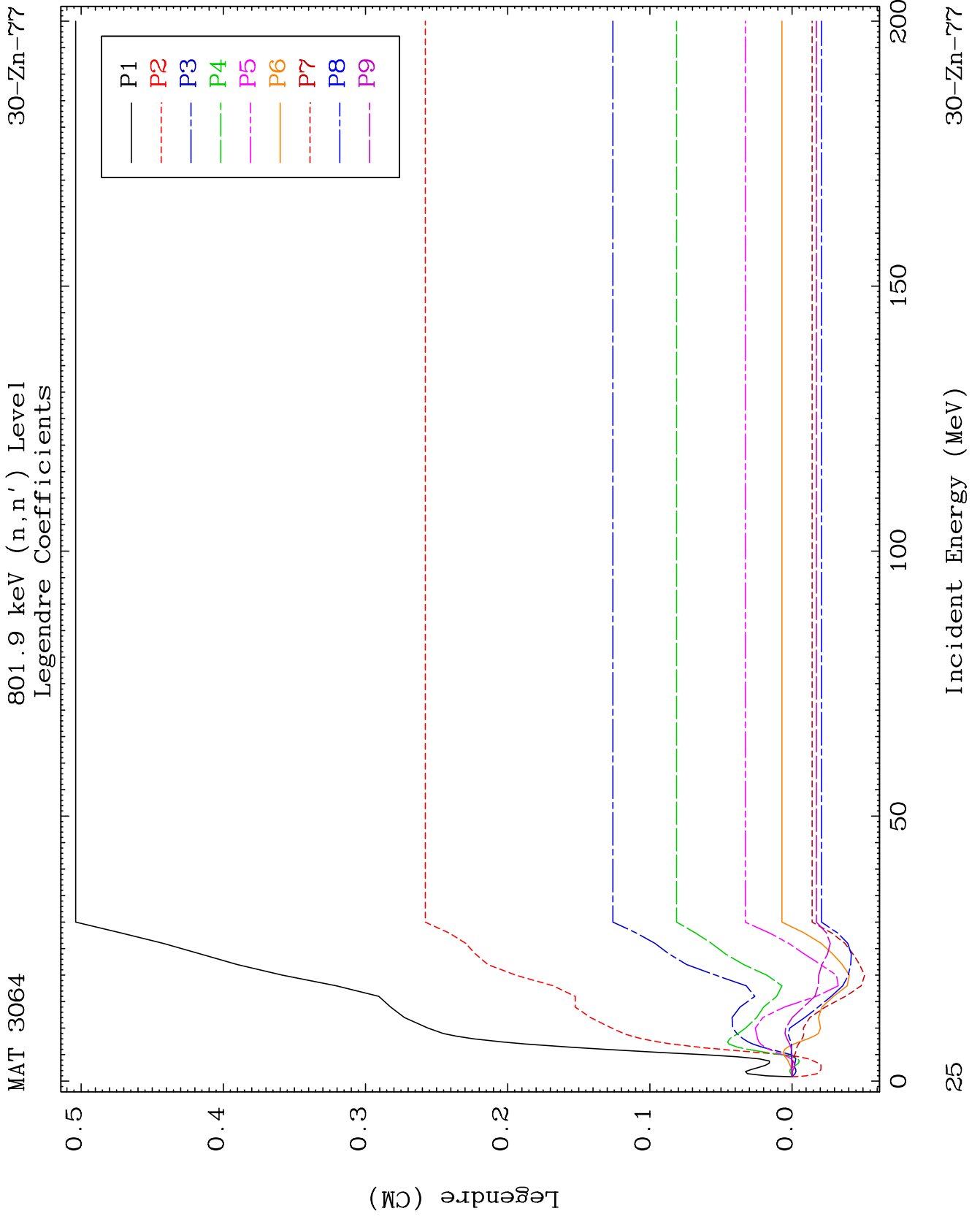
30-Zn-77

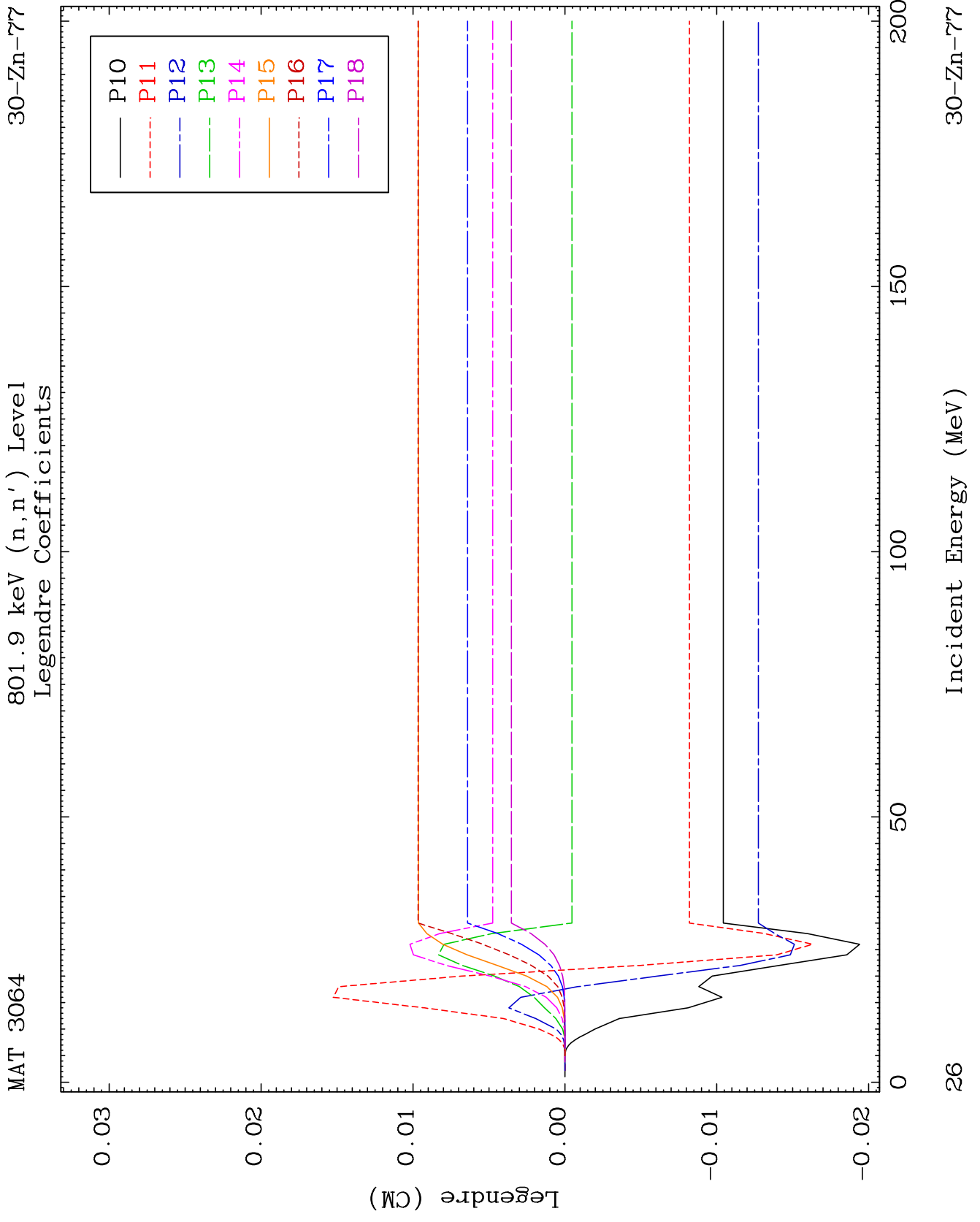


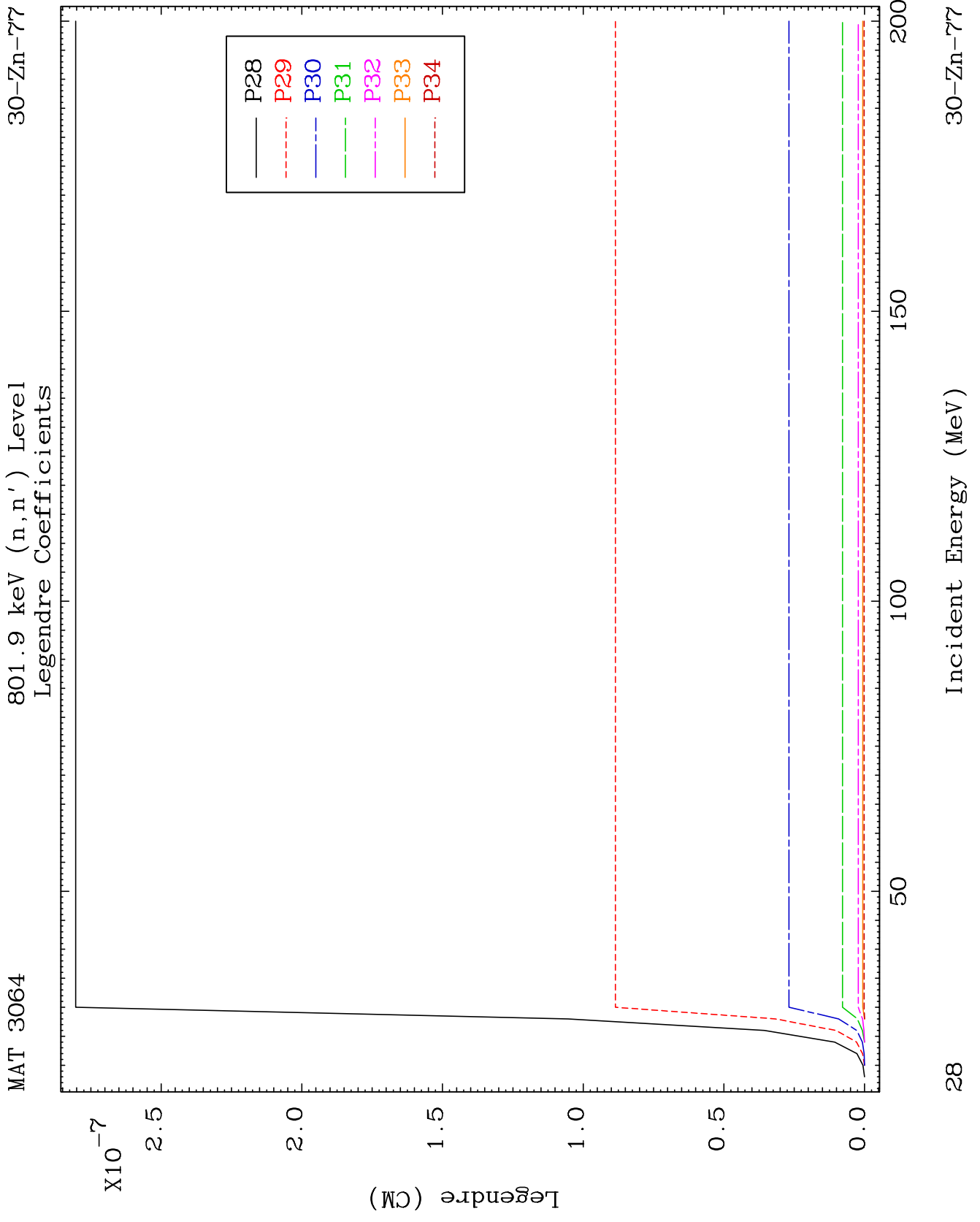
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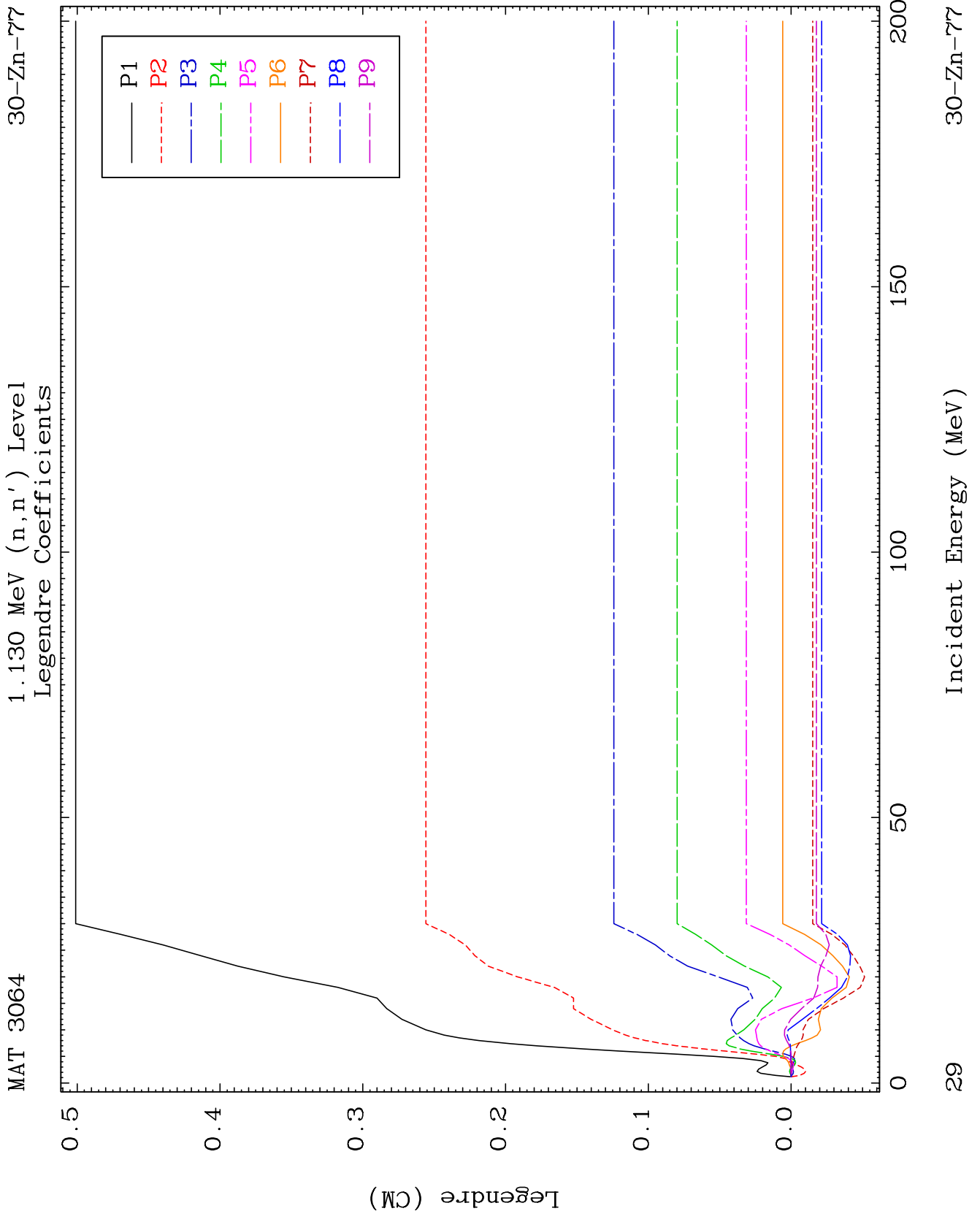
Incident Energy (MeV)

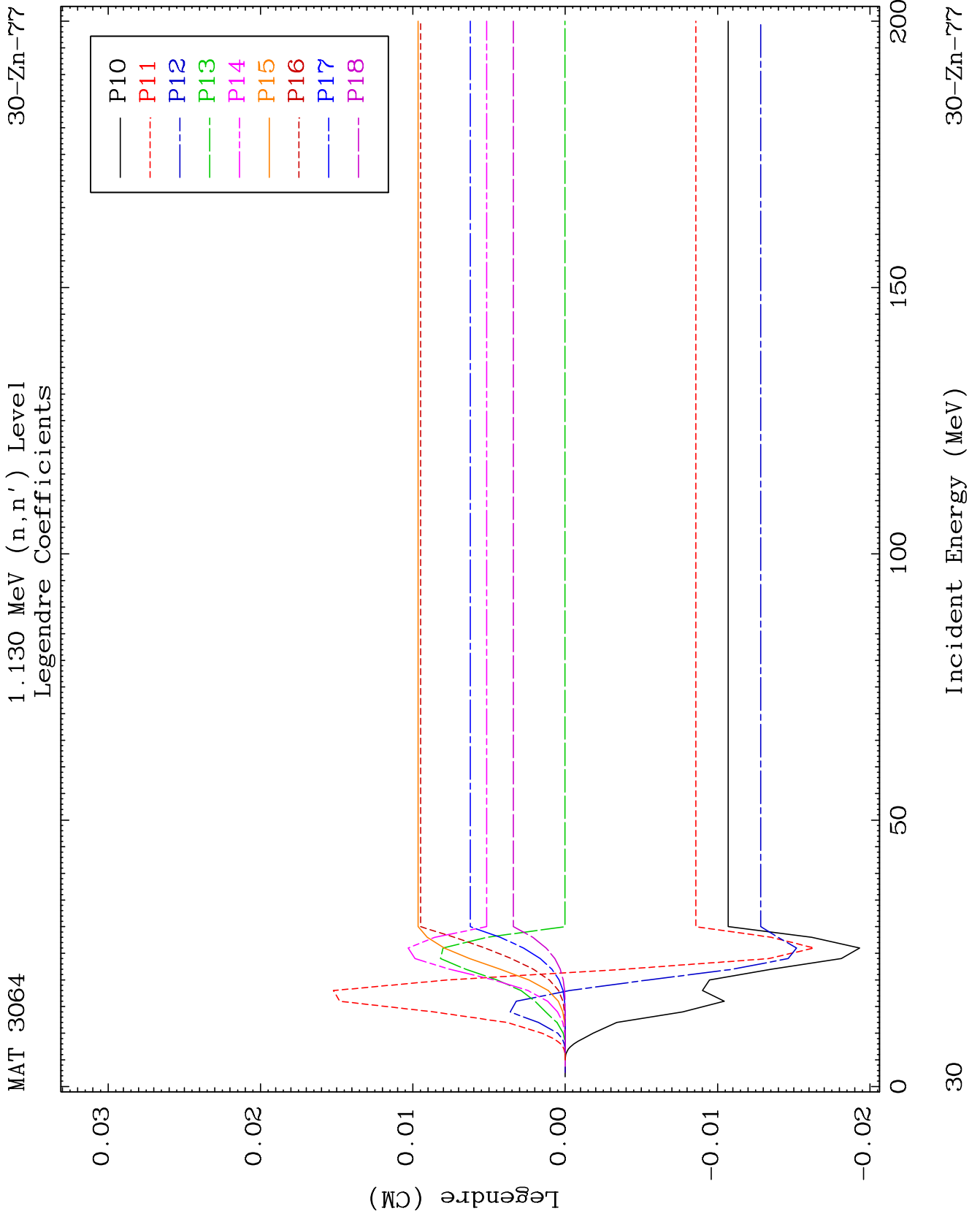
30-Zn-77

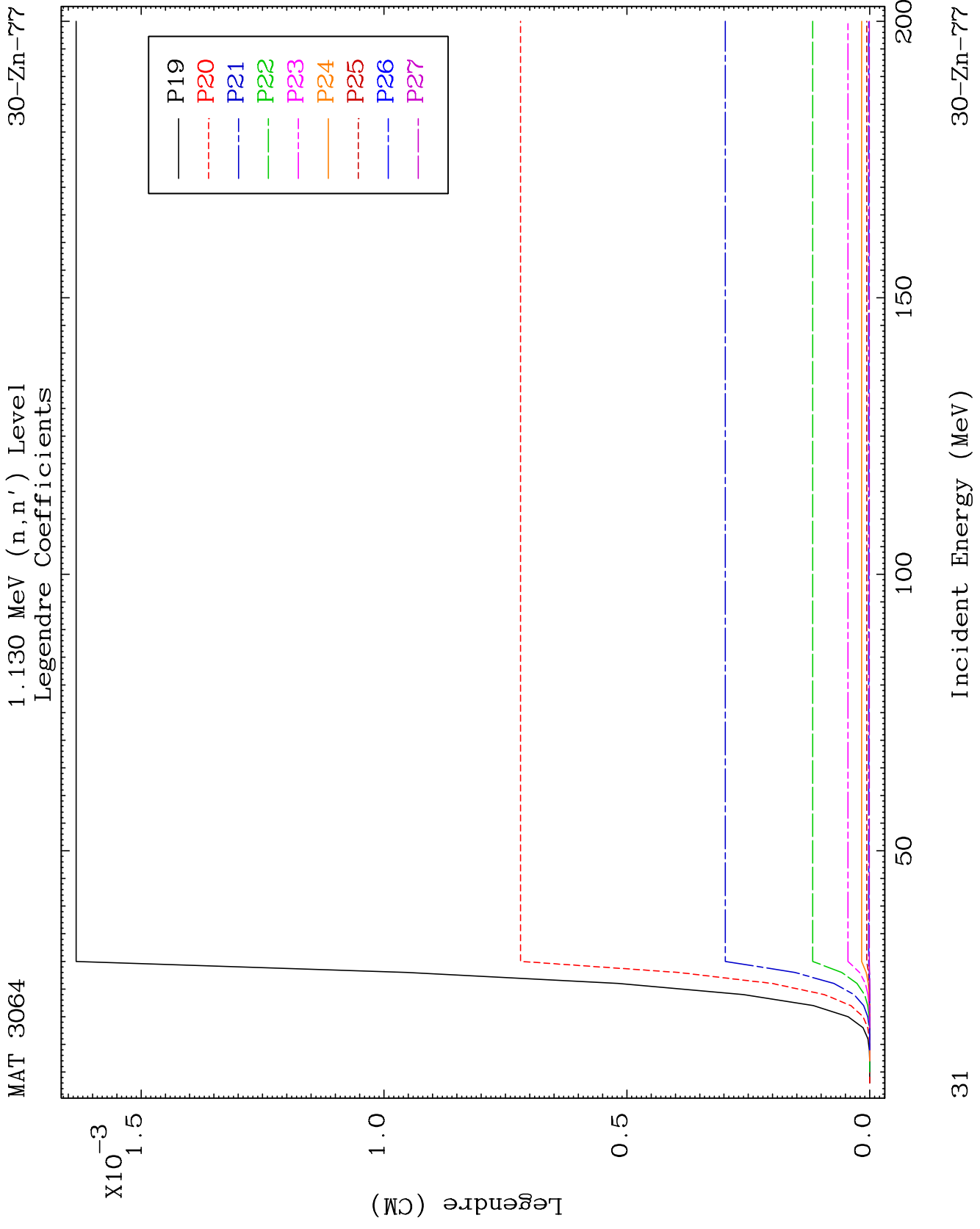


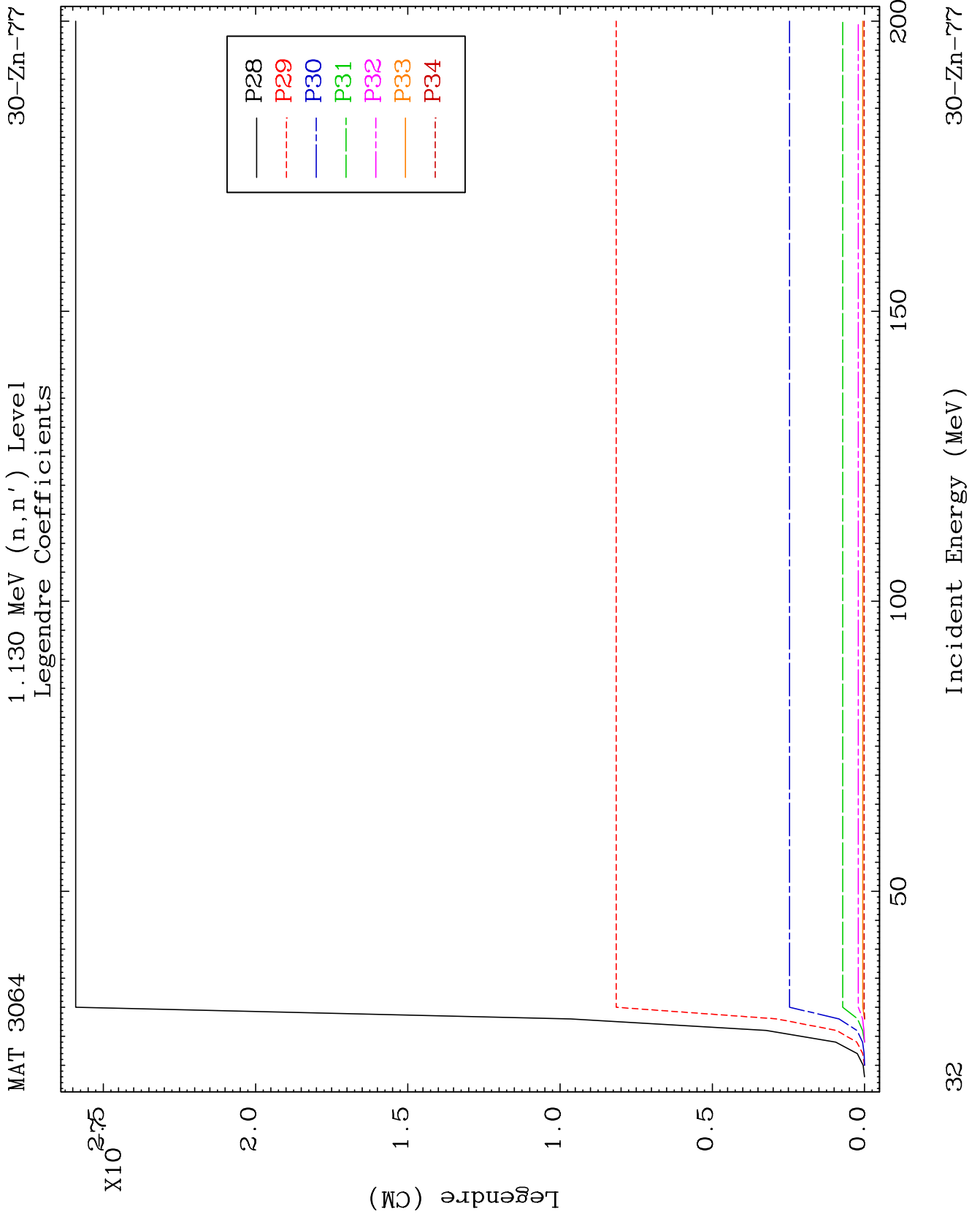


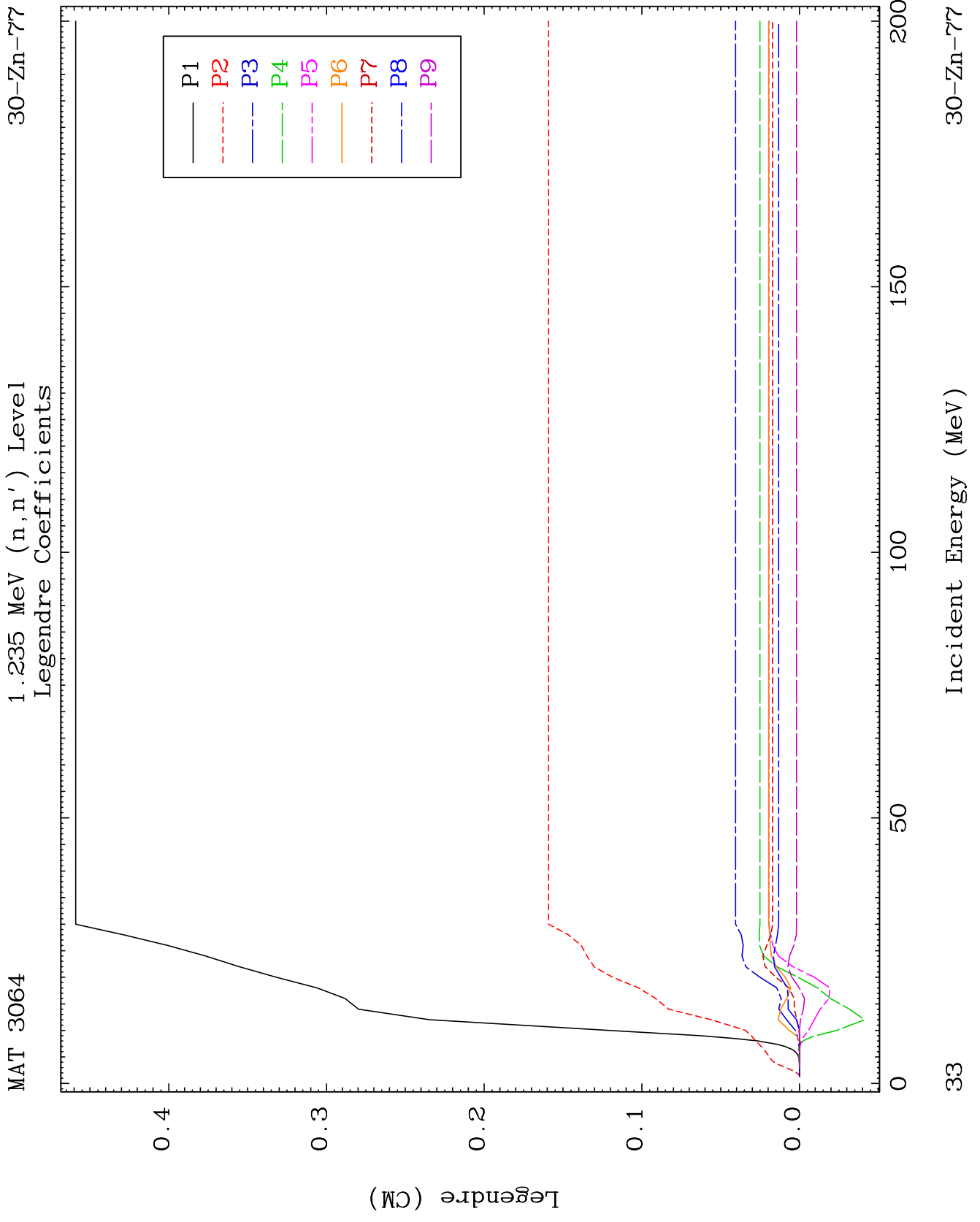








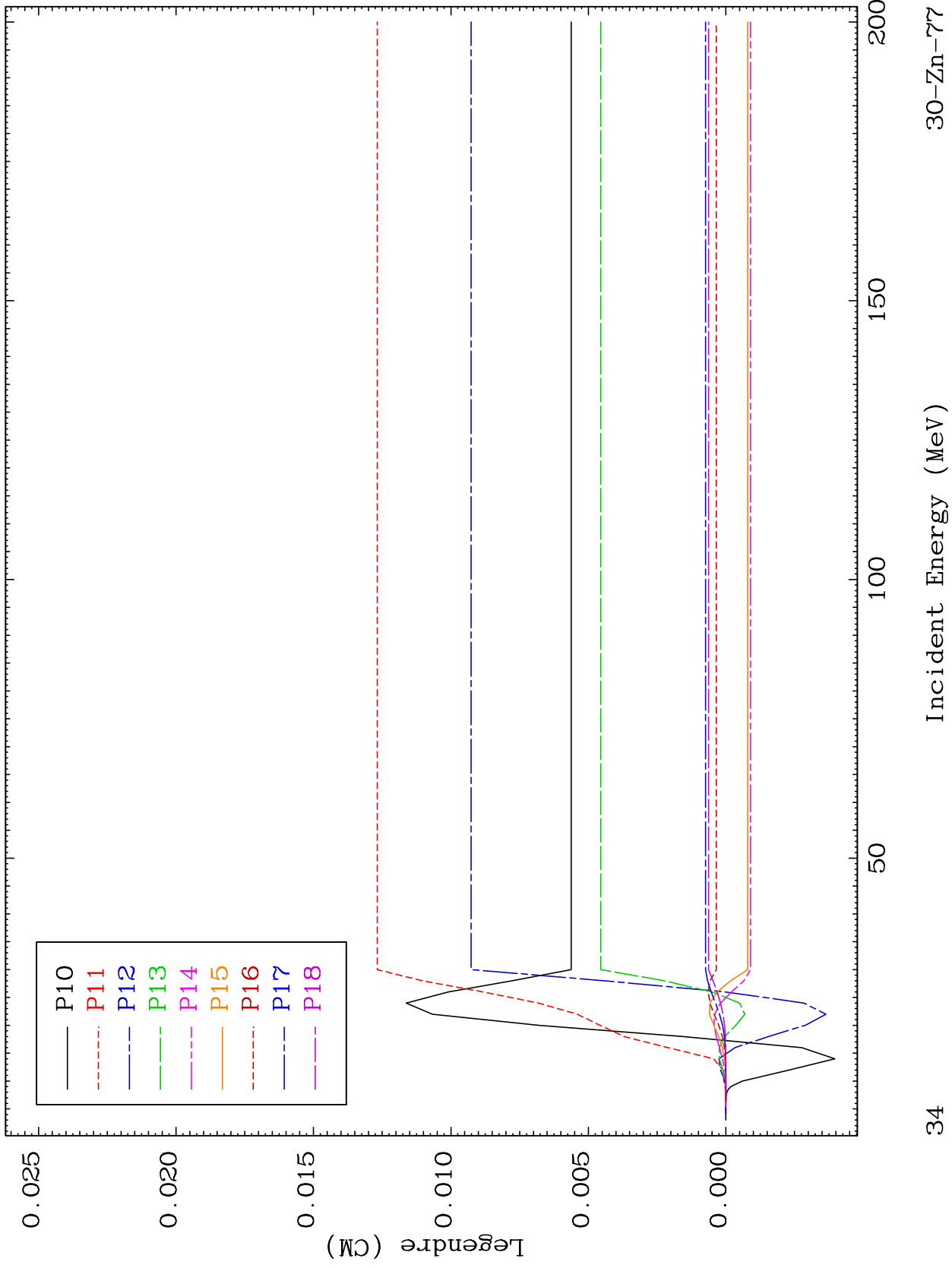




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1.235 MeV (n,n') Level
Legendre Coefficients

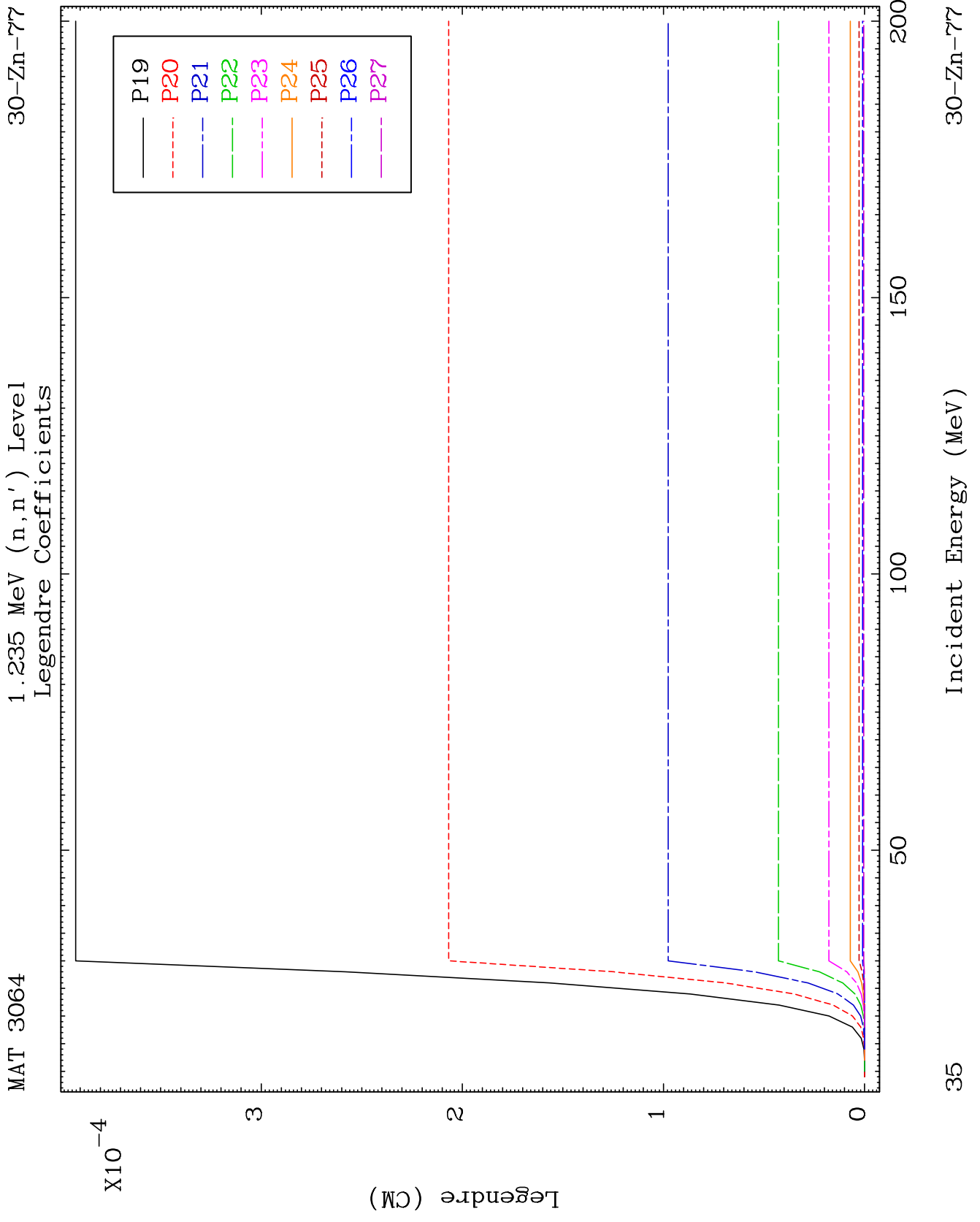
30-Zn-77

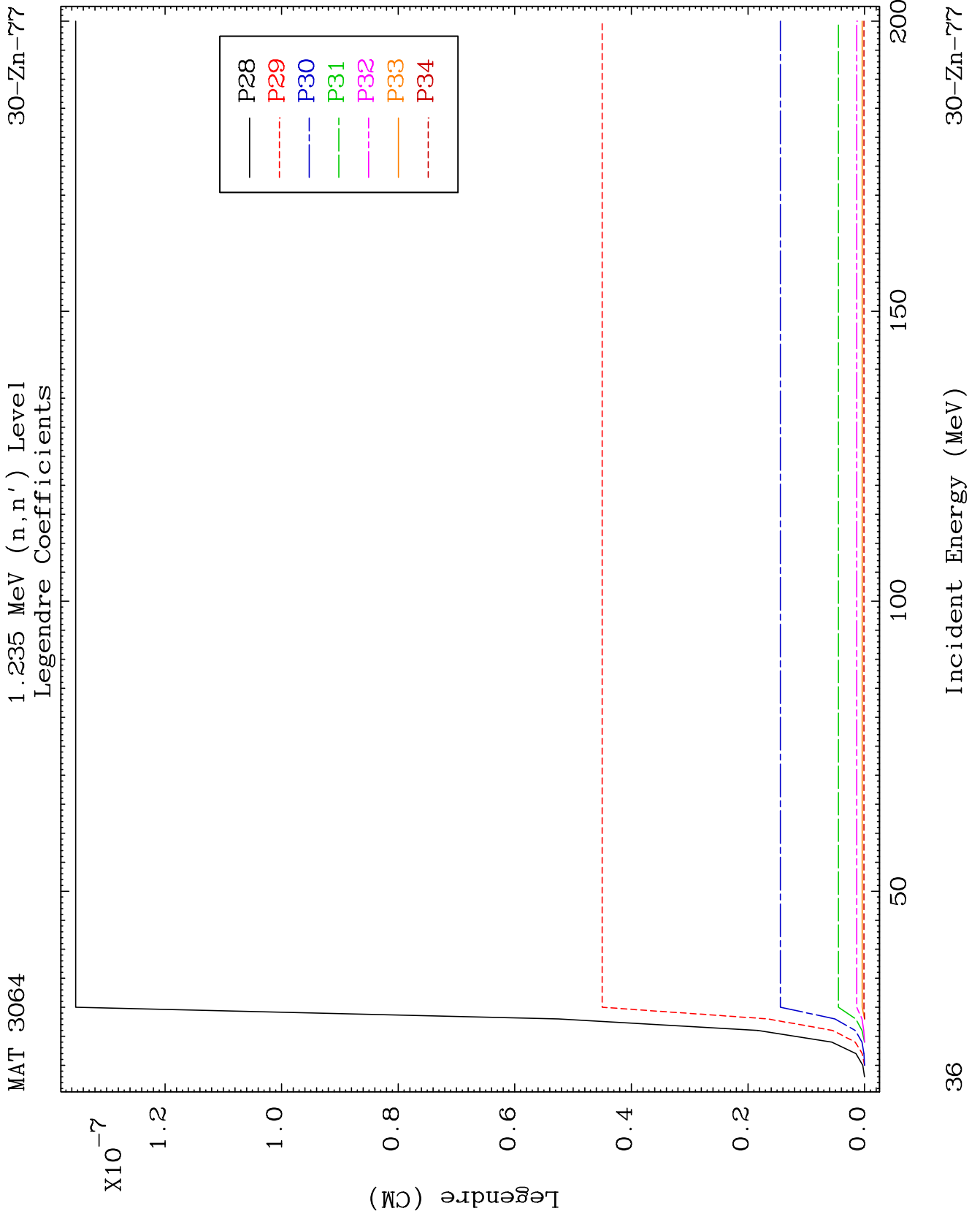


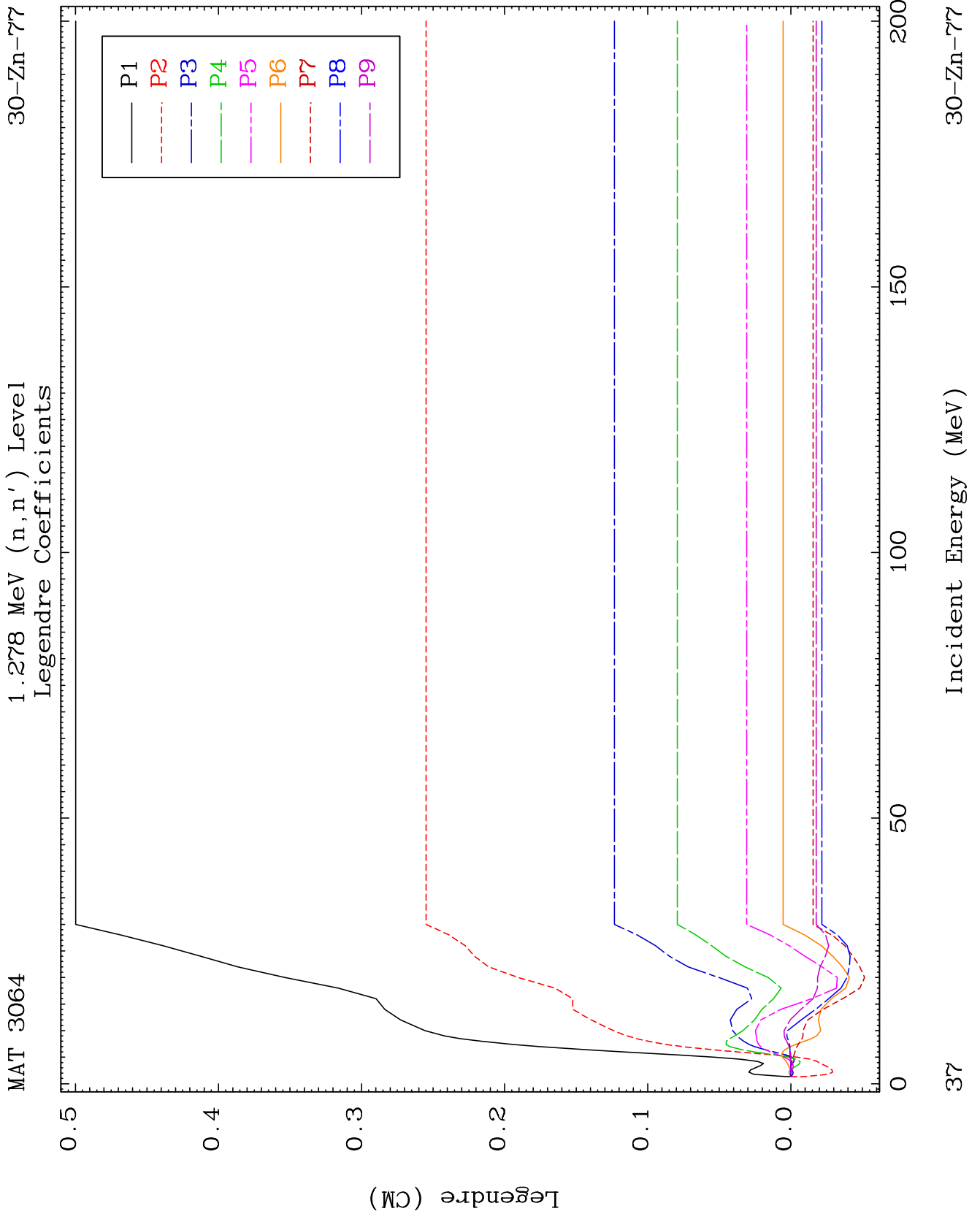
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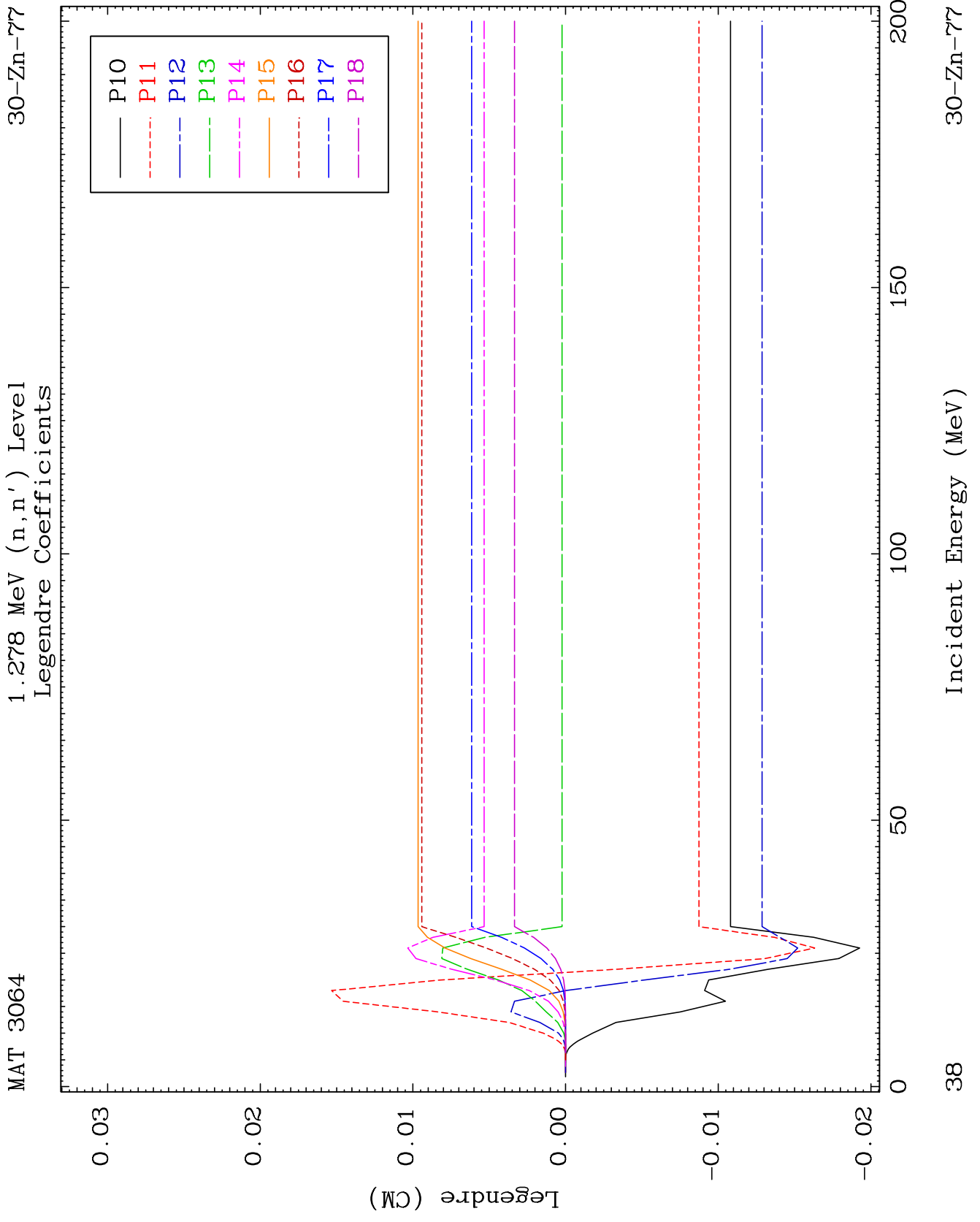
Incident Energy (MeV)

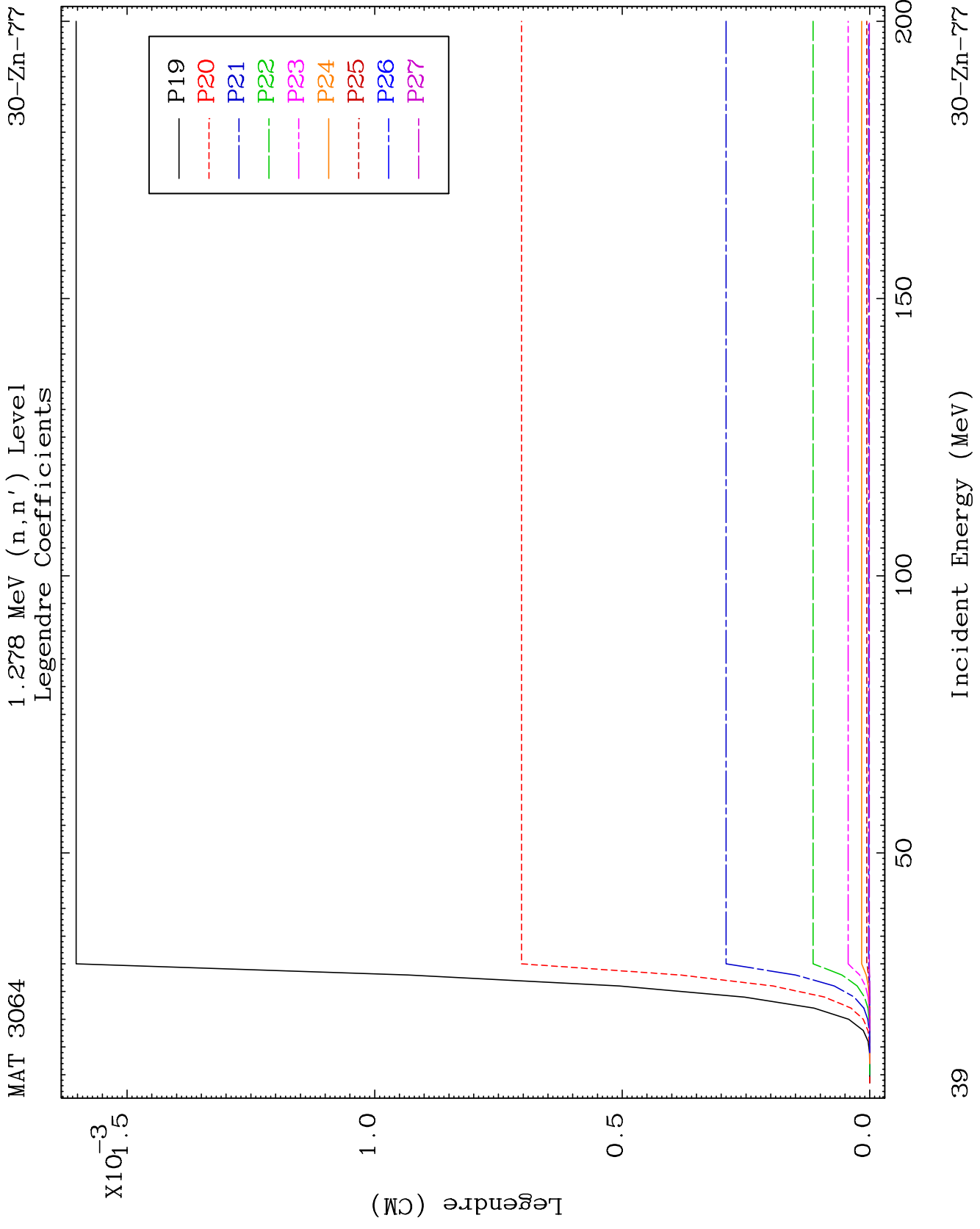
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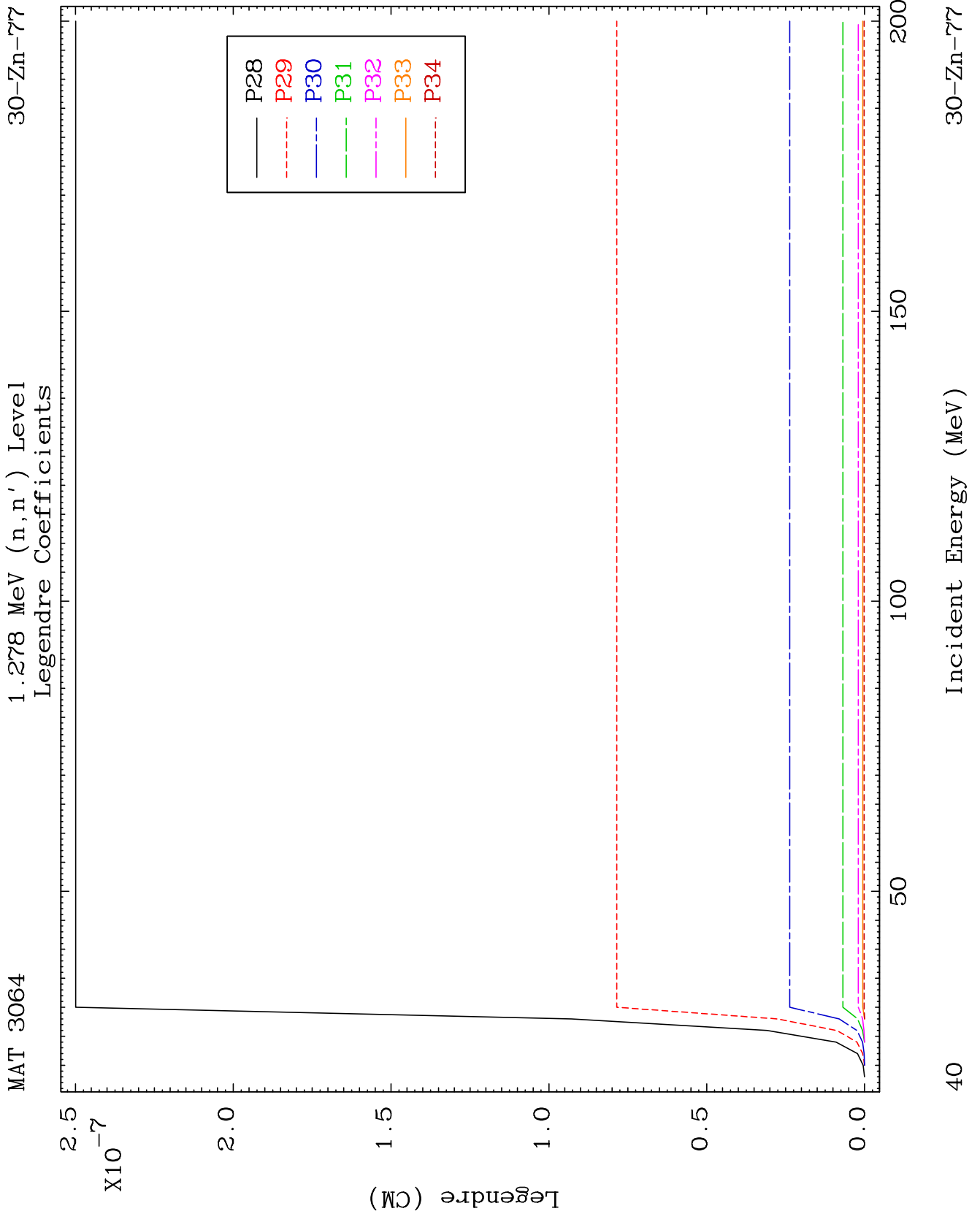


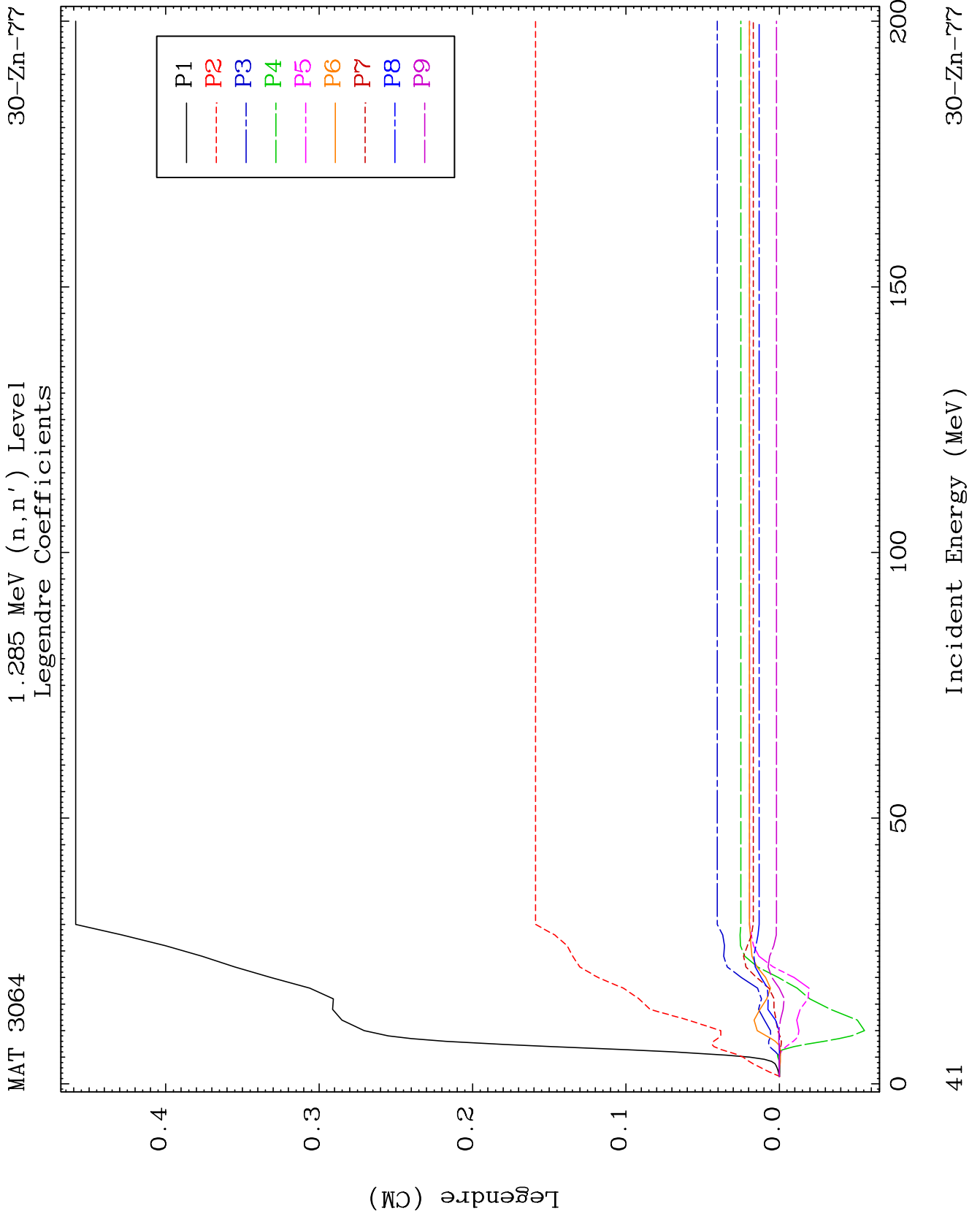








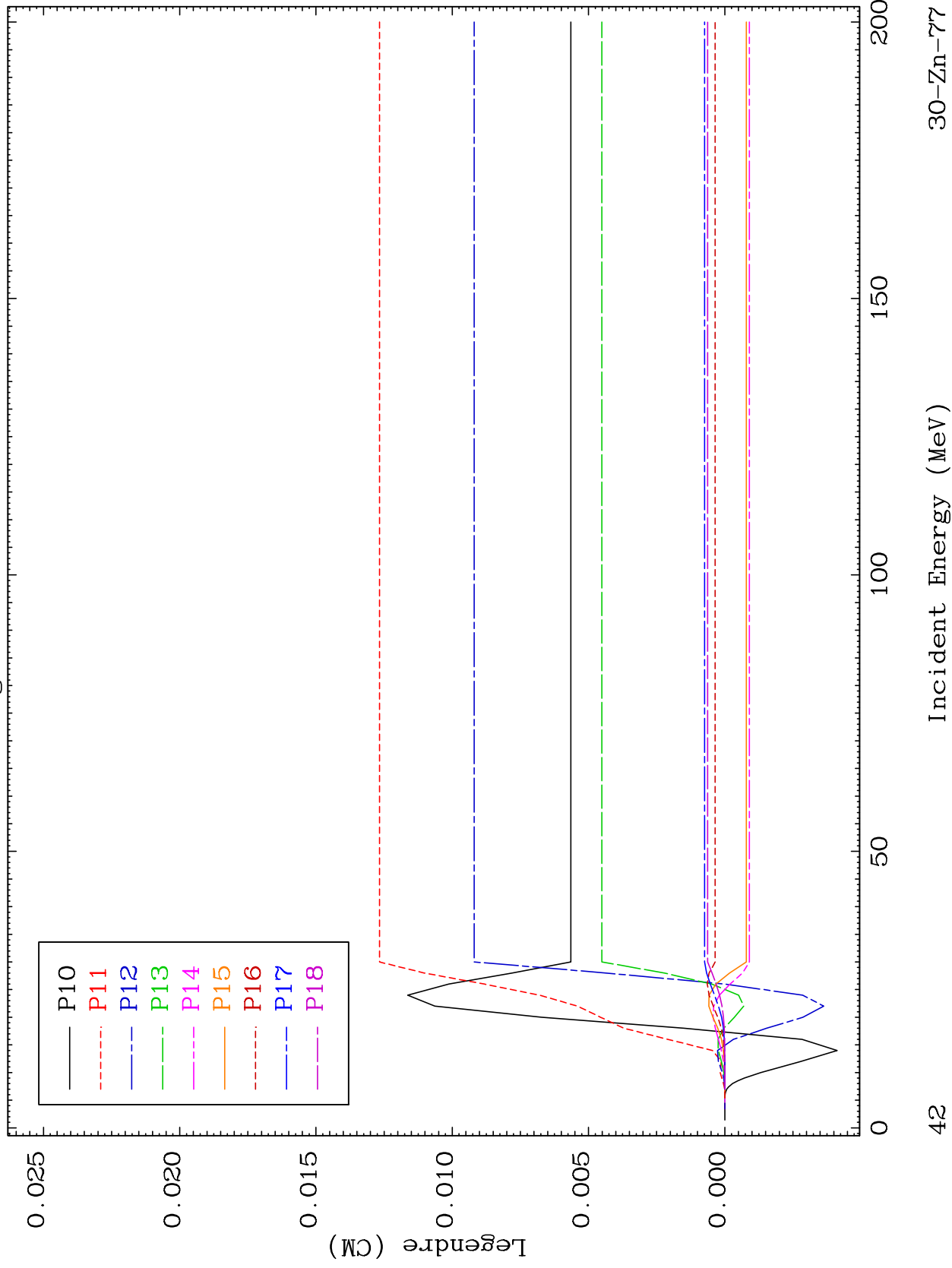




MAT 3064

1.285 MeV (n,n') Level
Legendre Coefficients

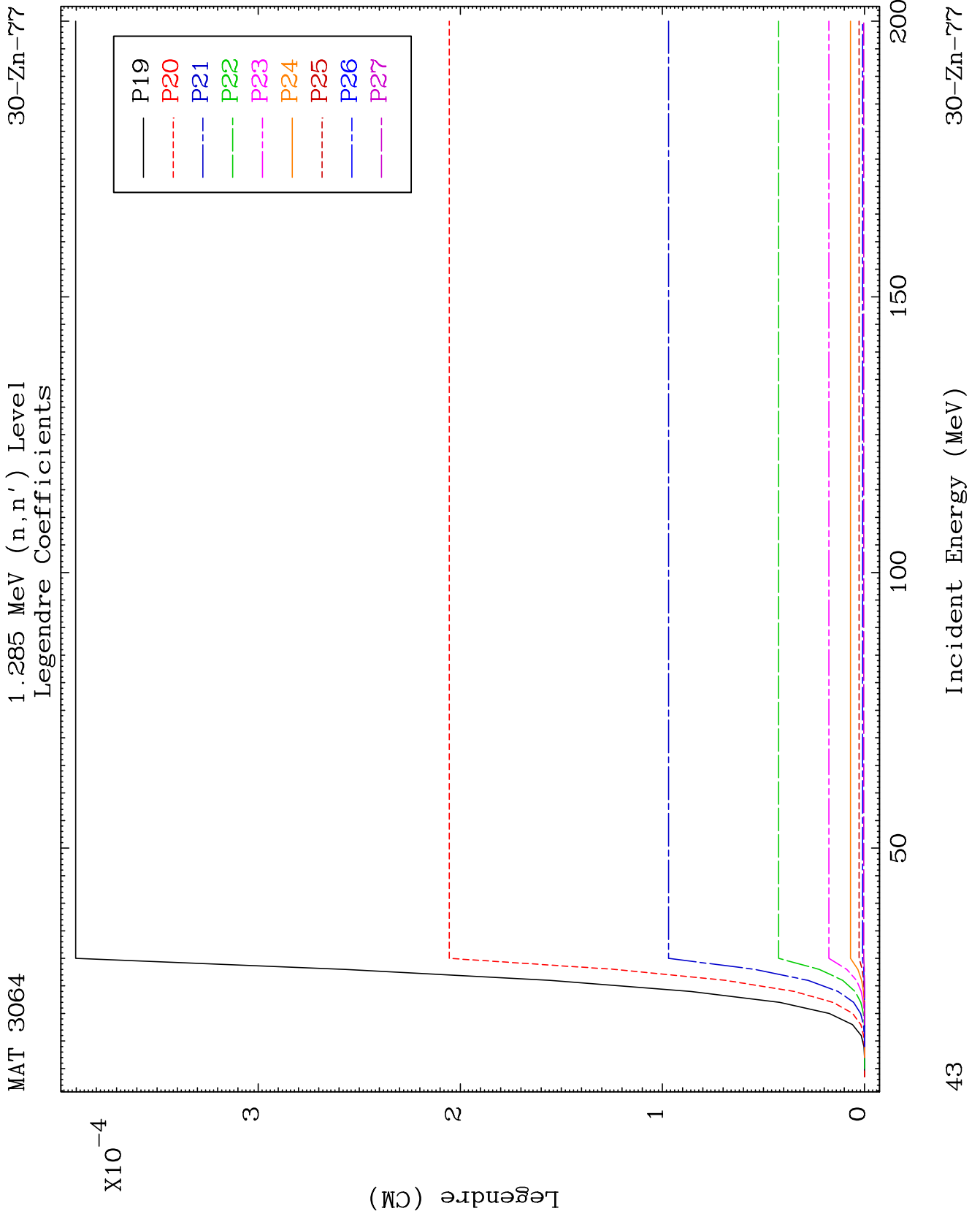
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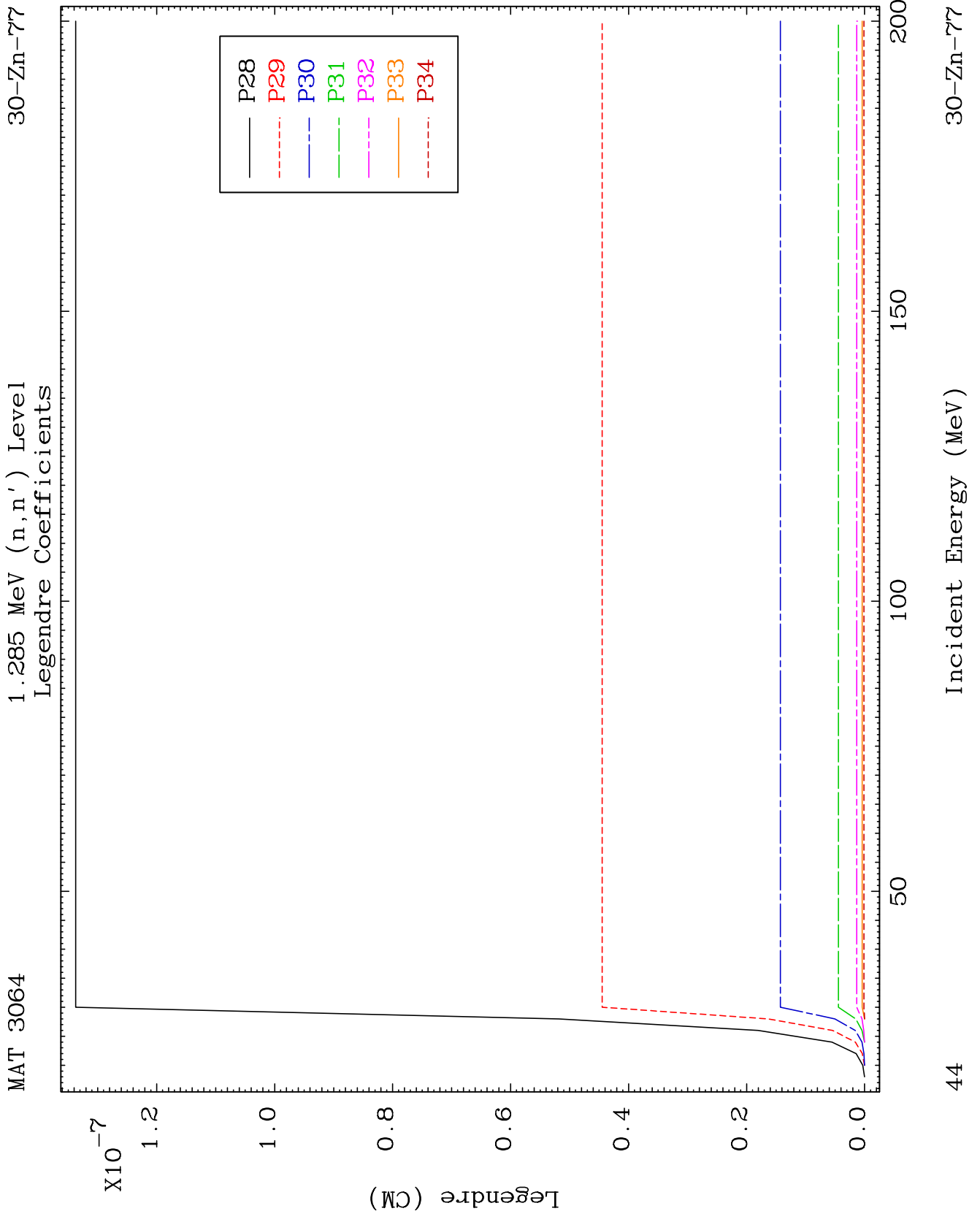


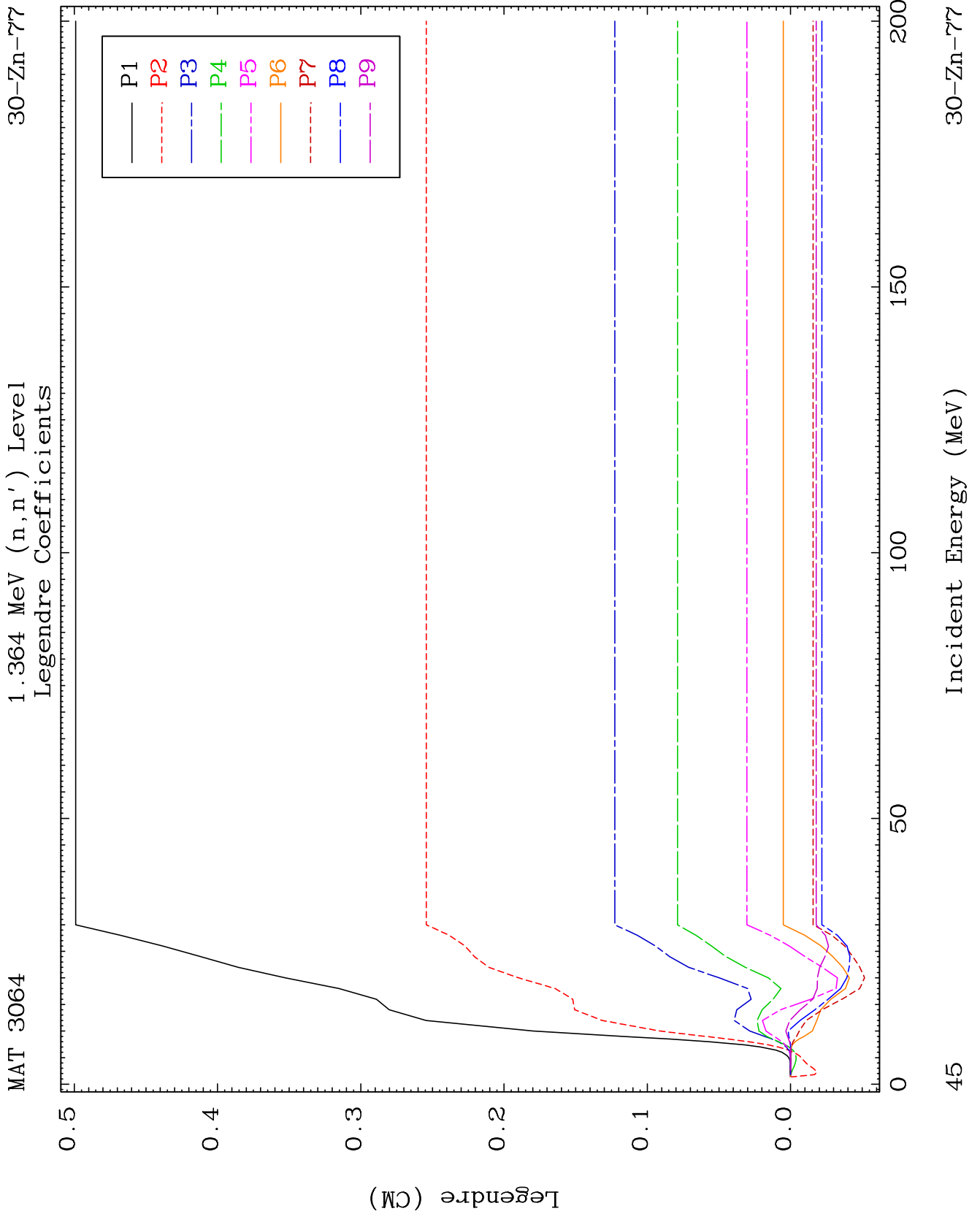
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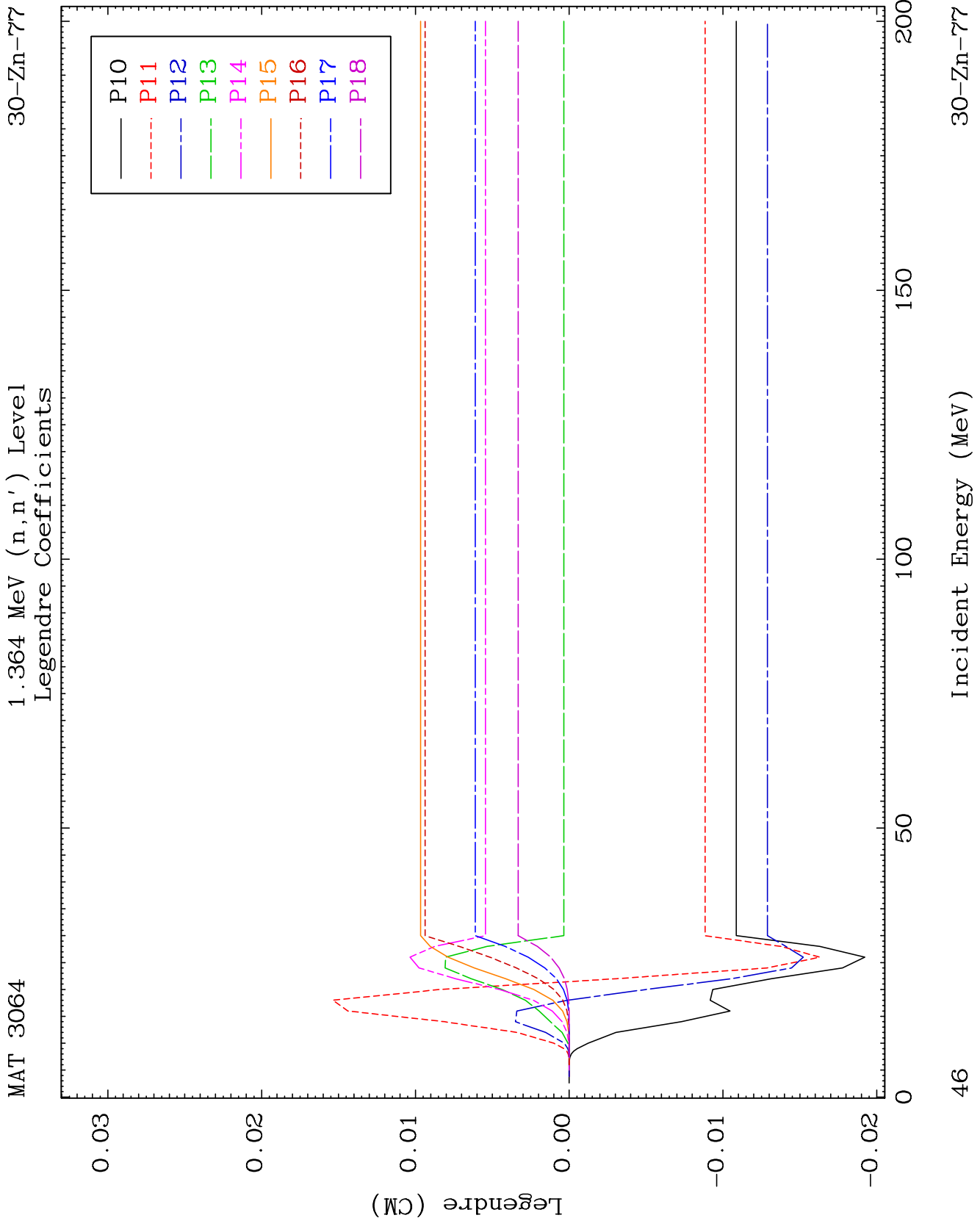
Incident Energy (MeV)

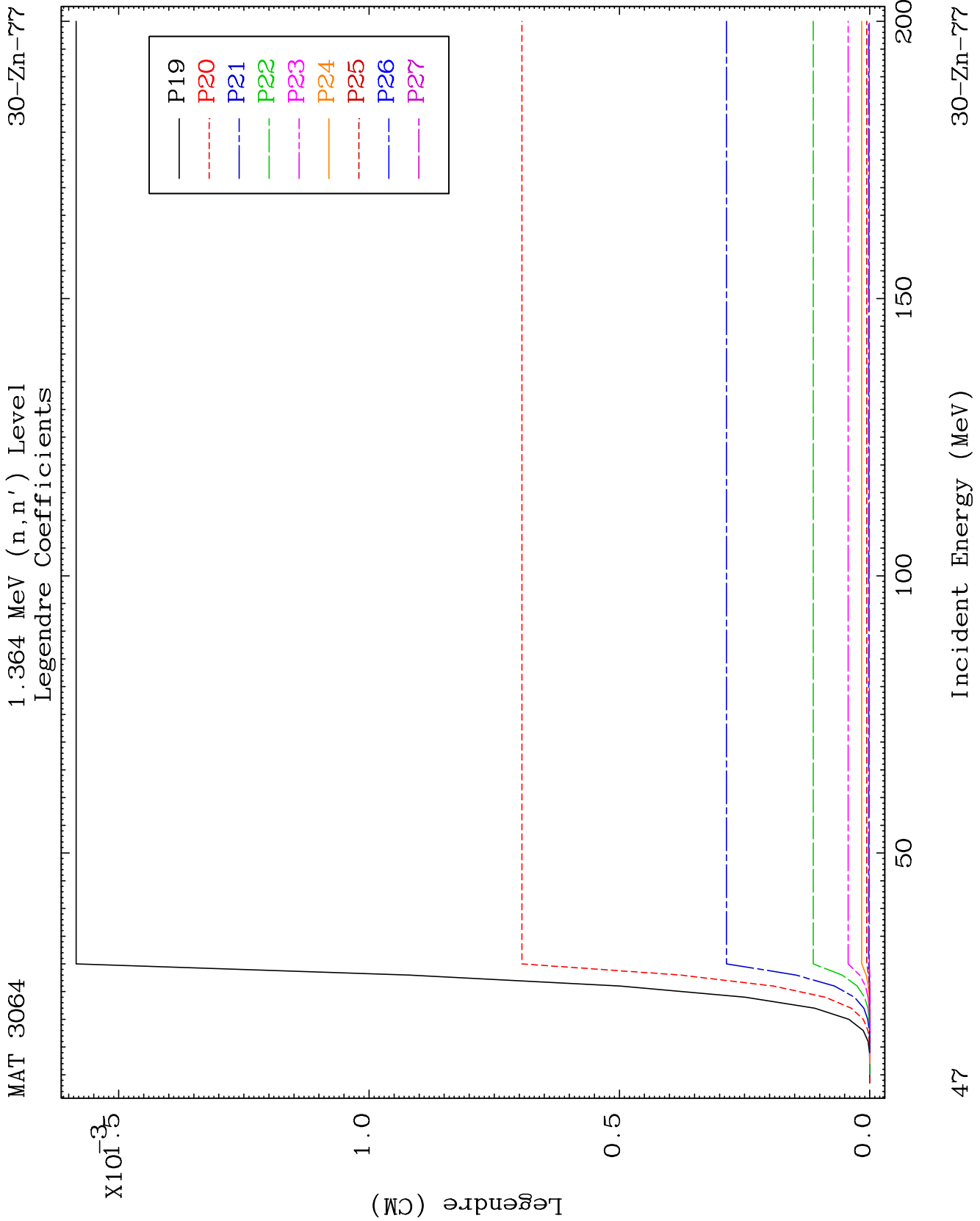
30-Zn-77

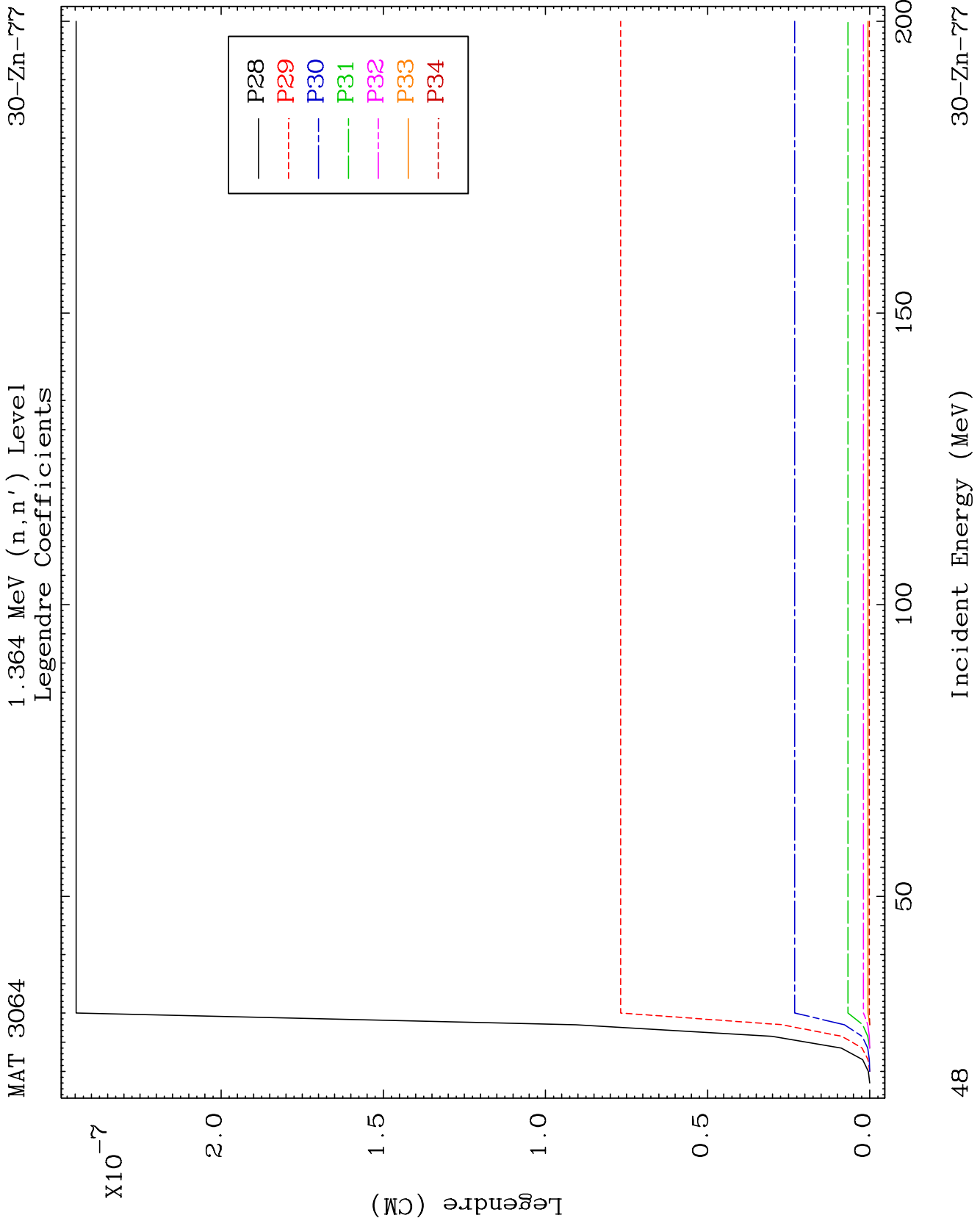


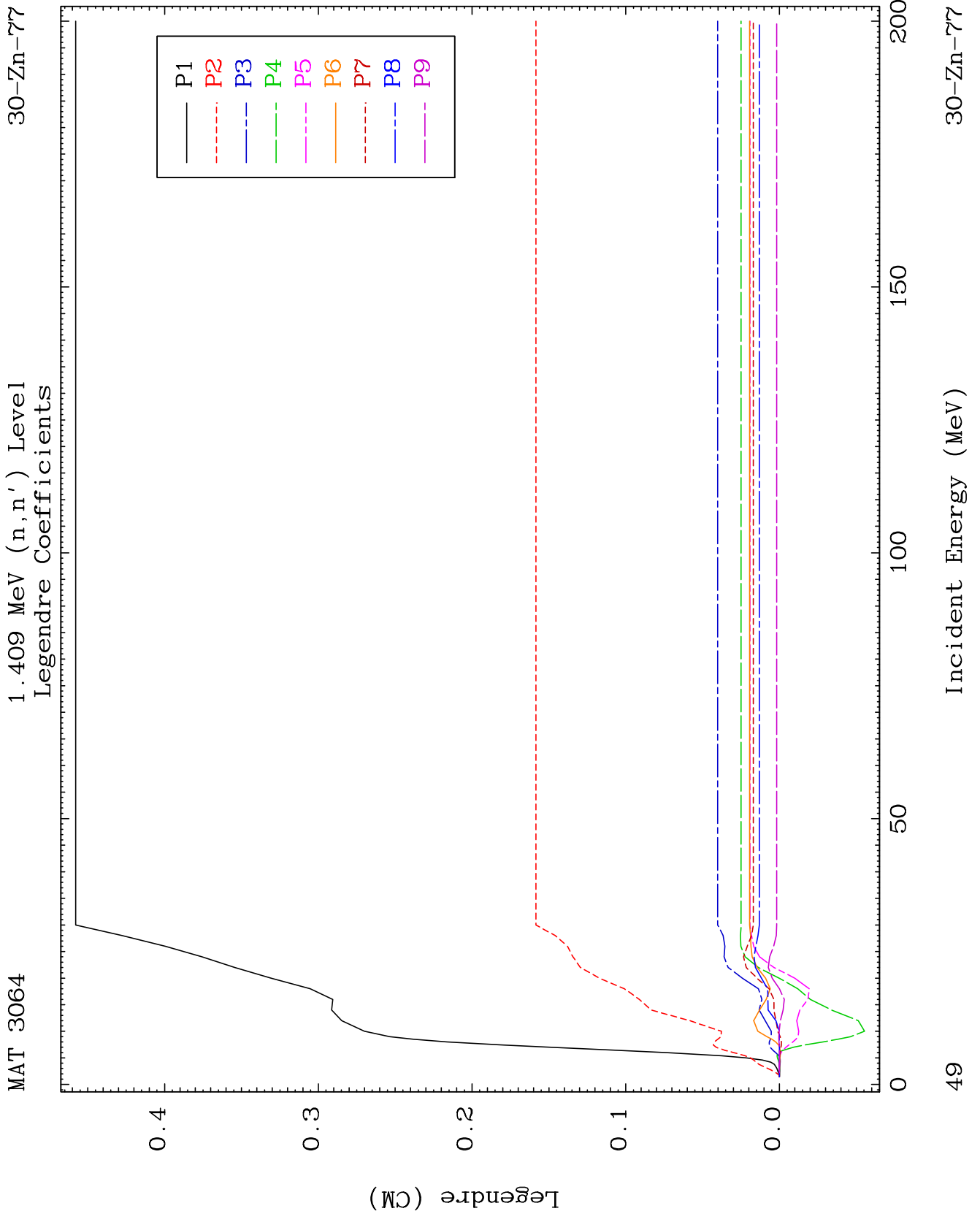


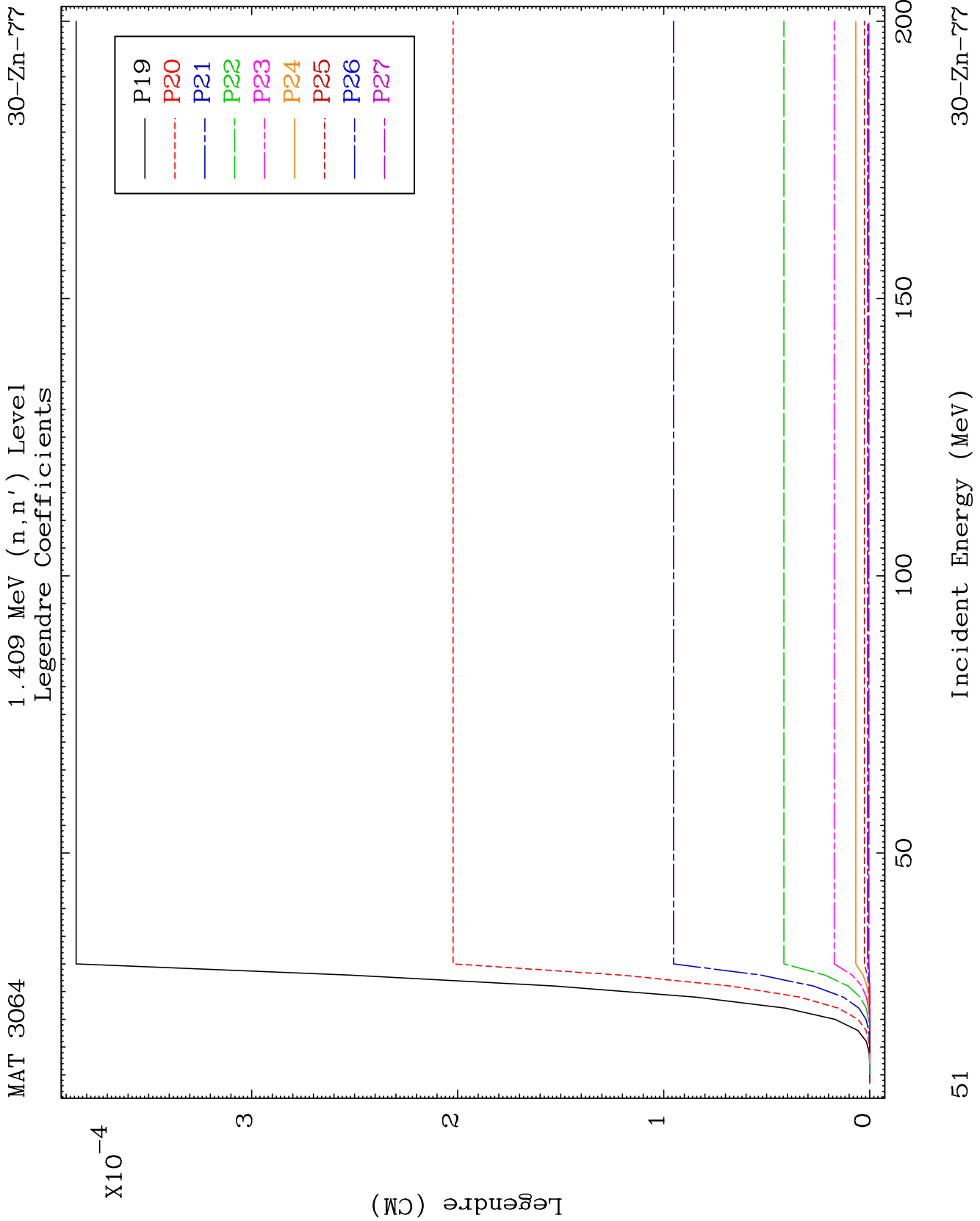


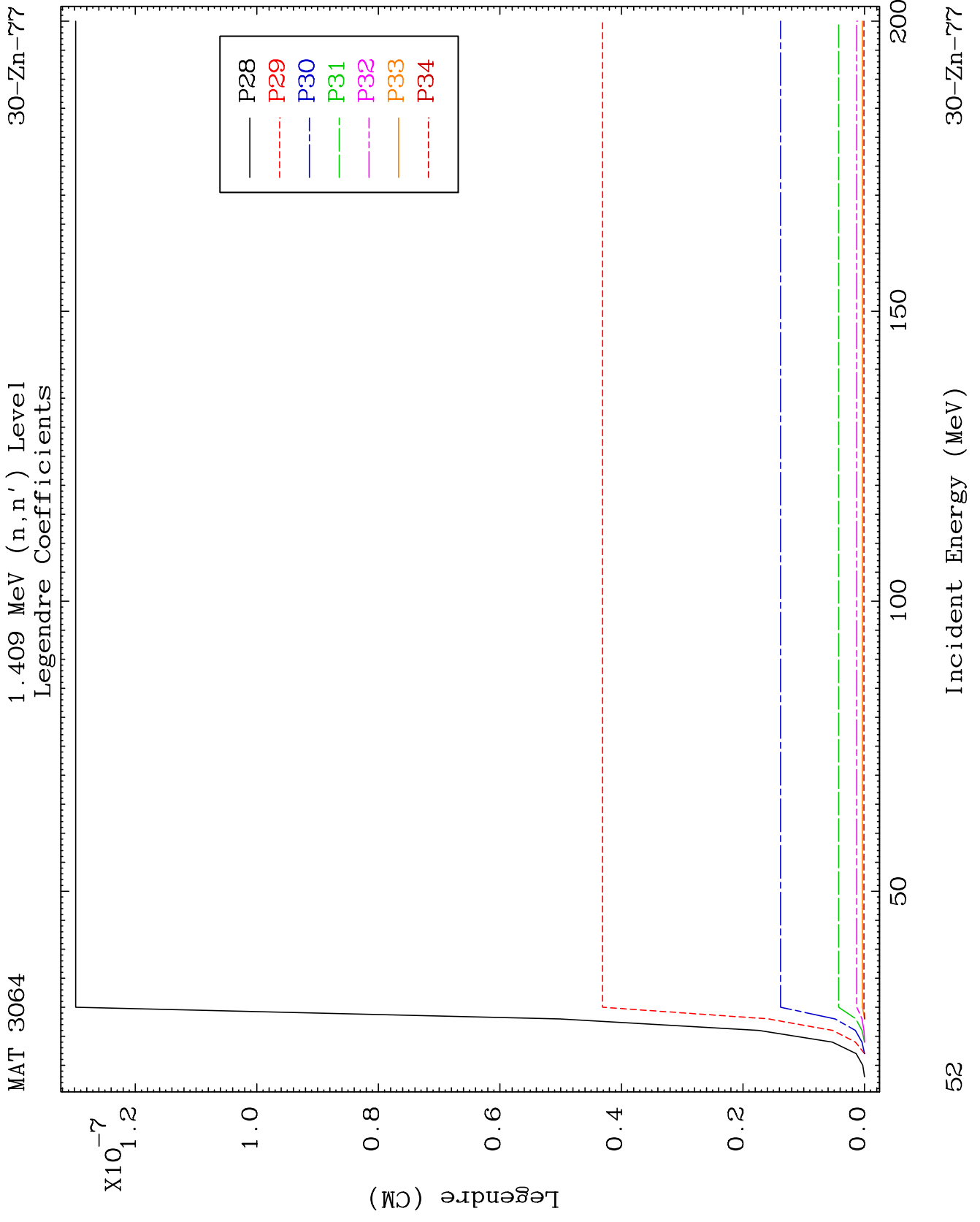


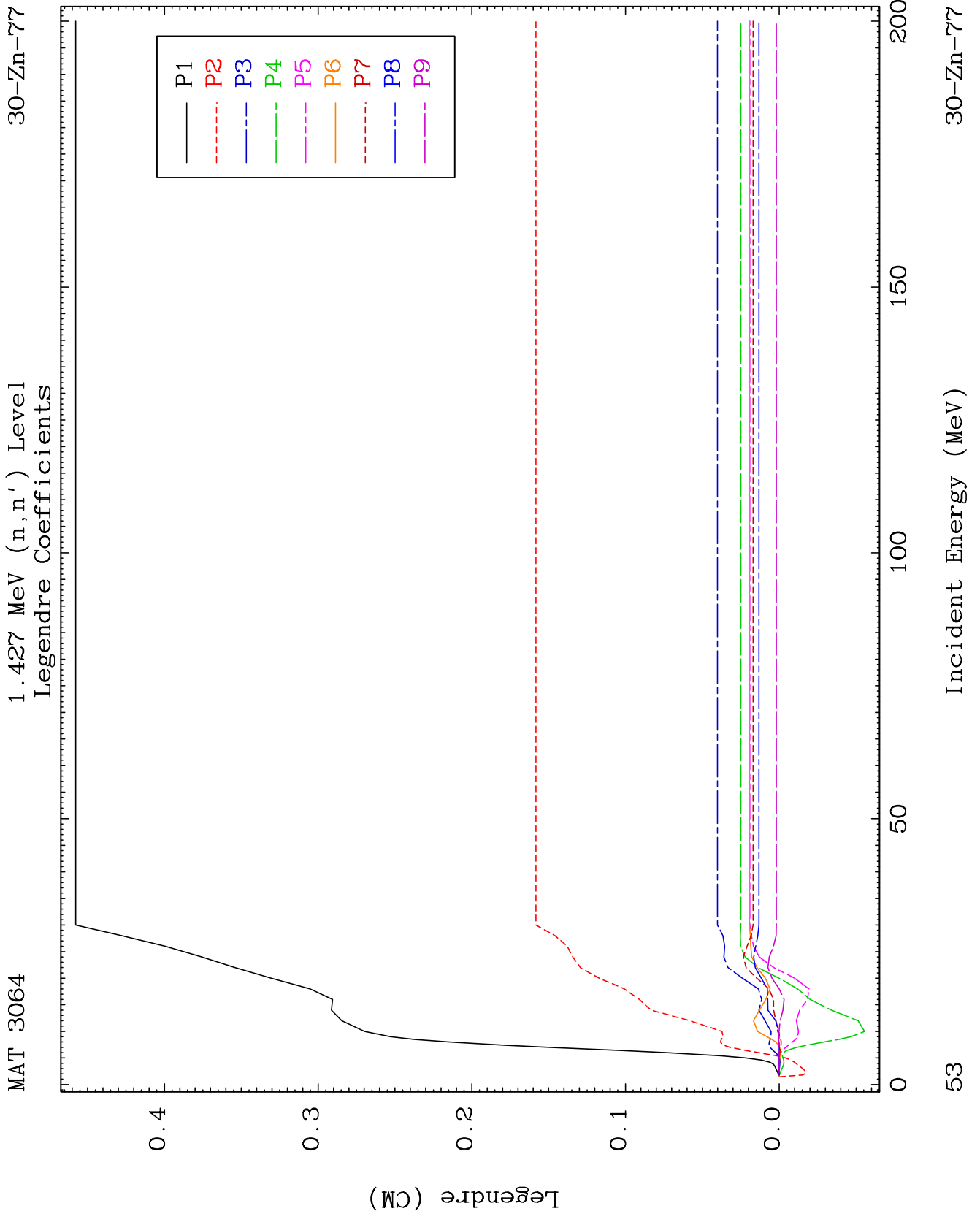








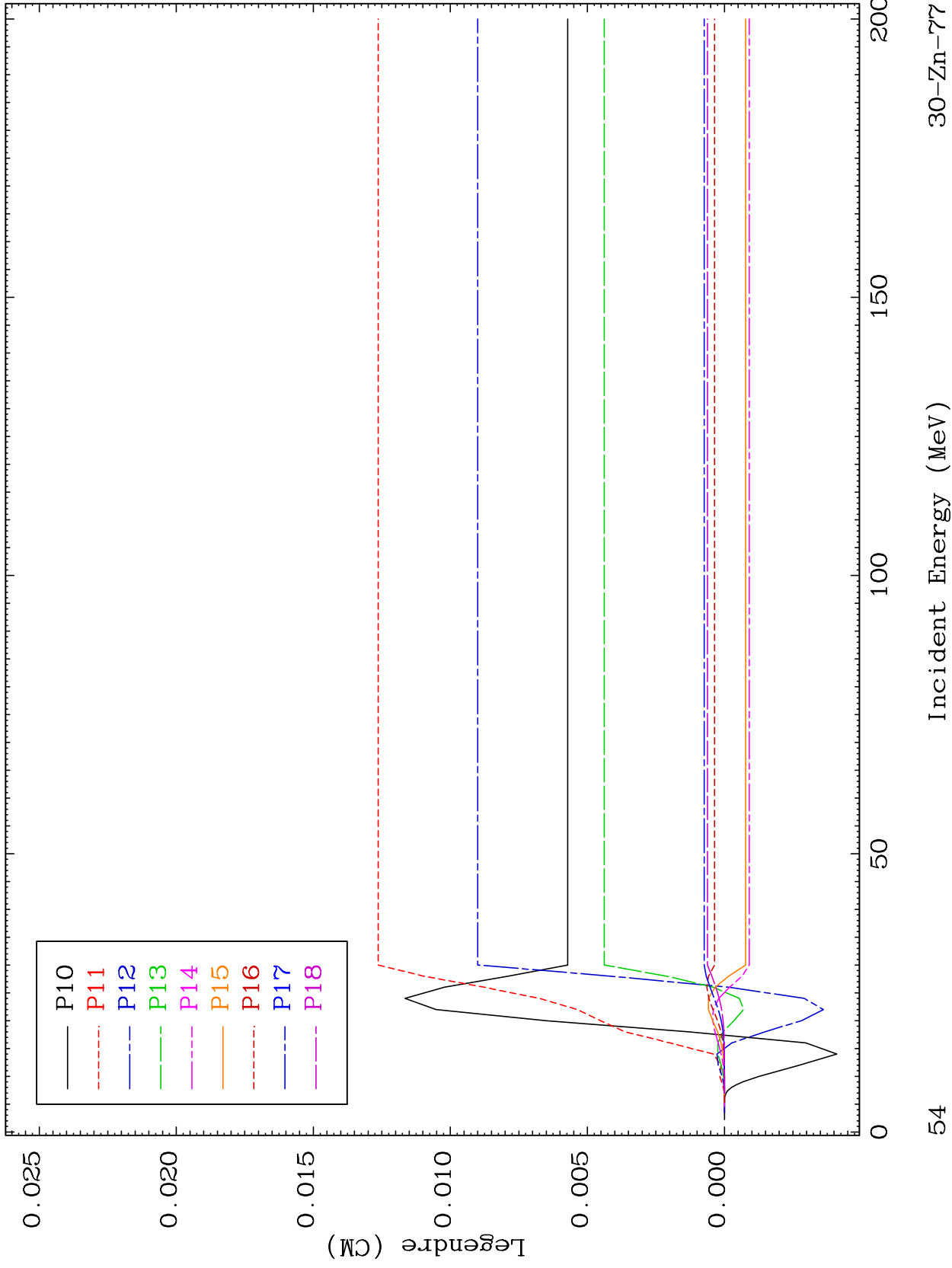




MAT 3064

1.427 MeV (n,n') Level
Legendre Coefficients

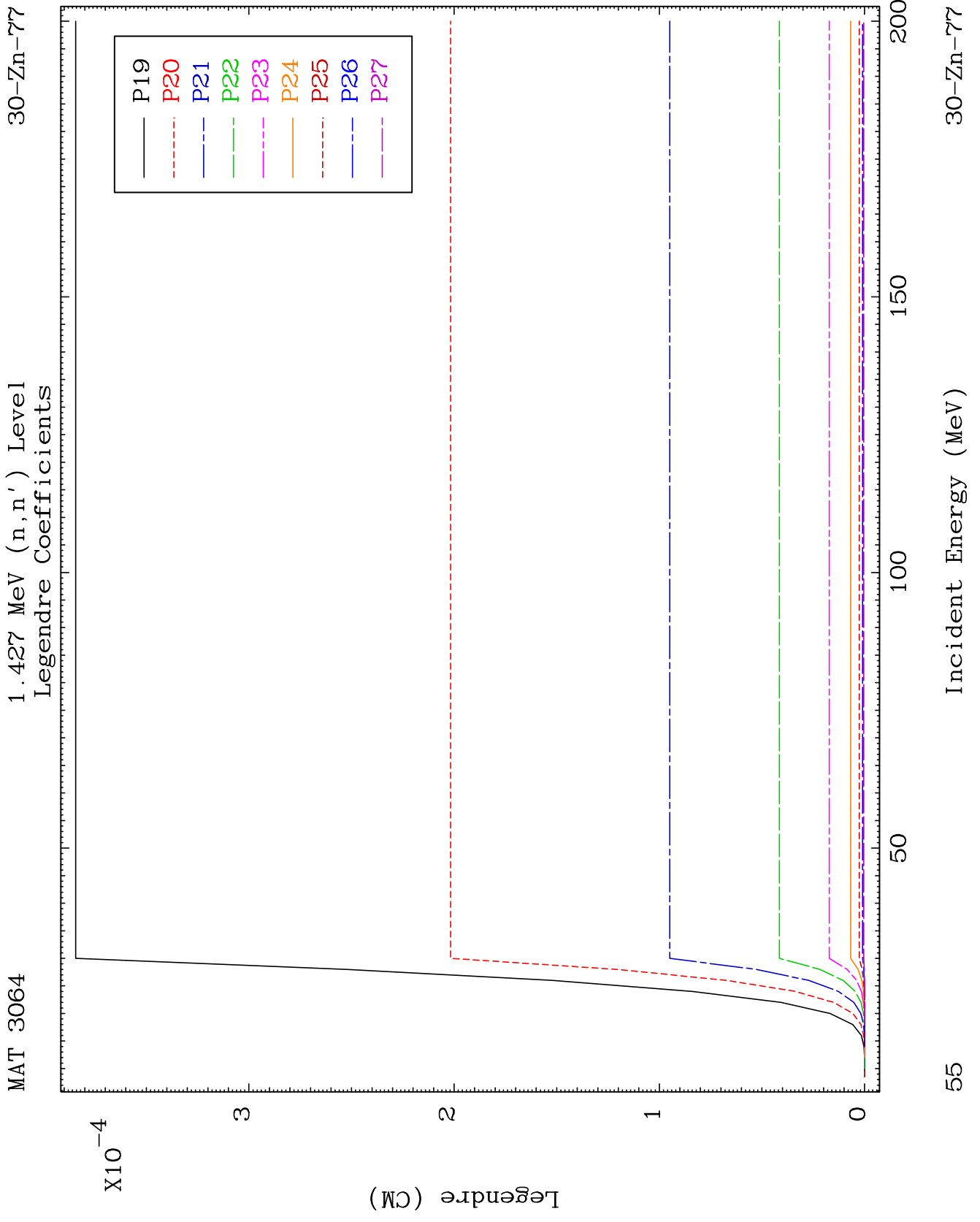
30-Zn-77

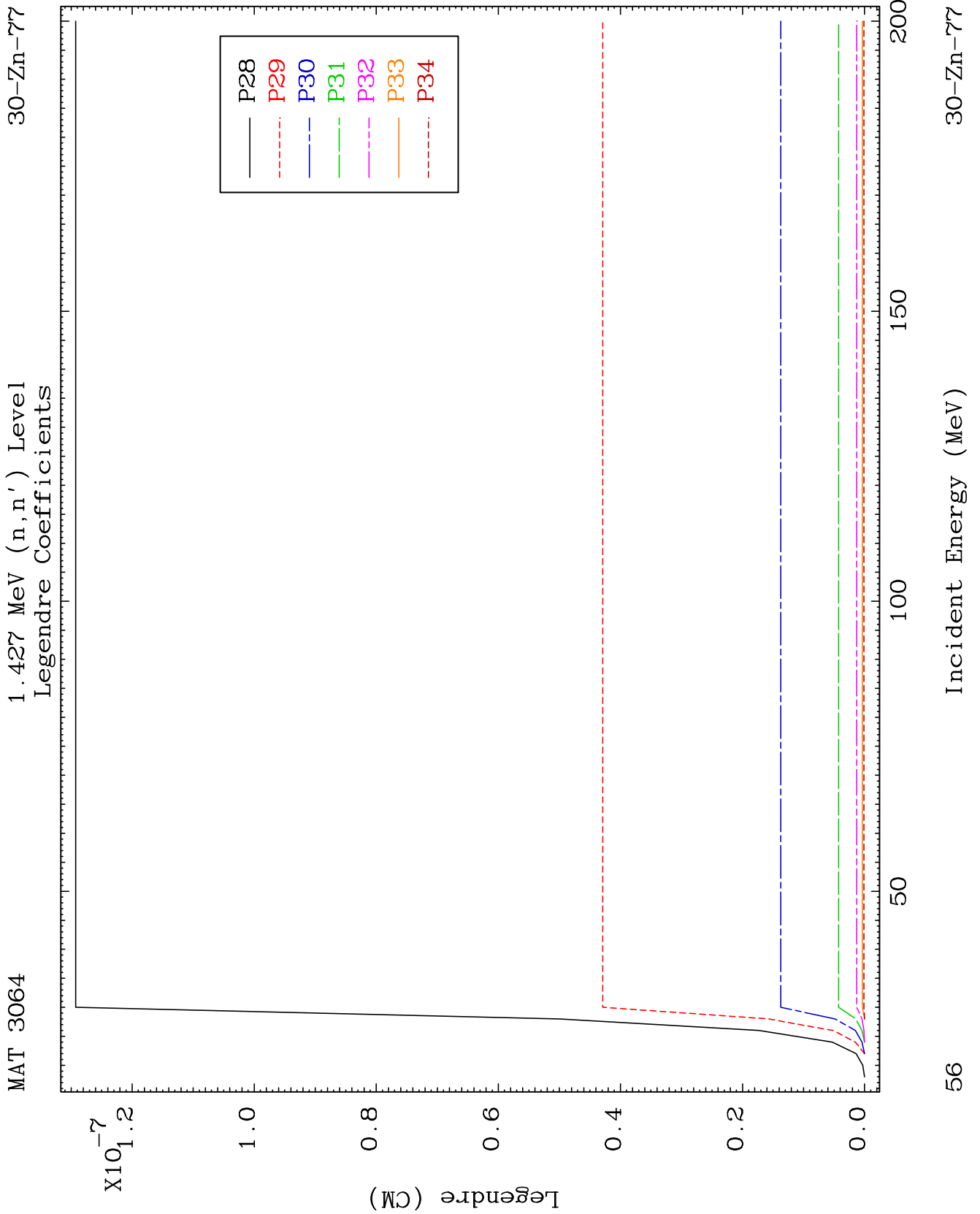


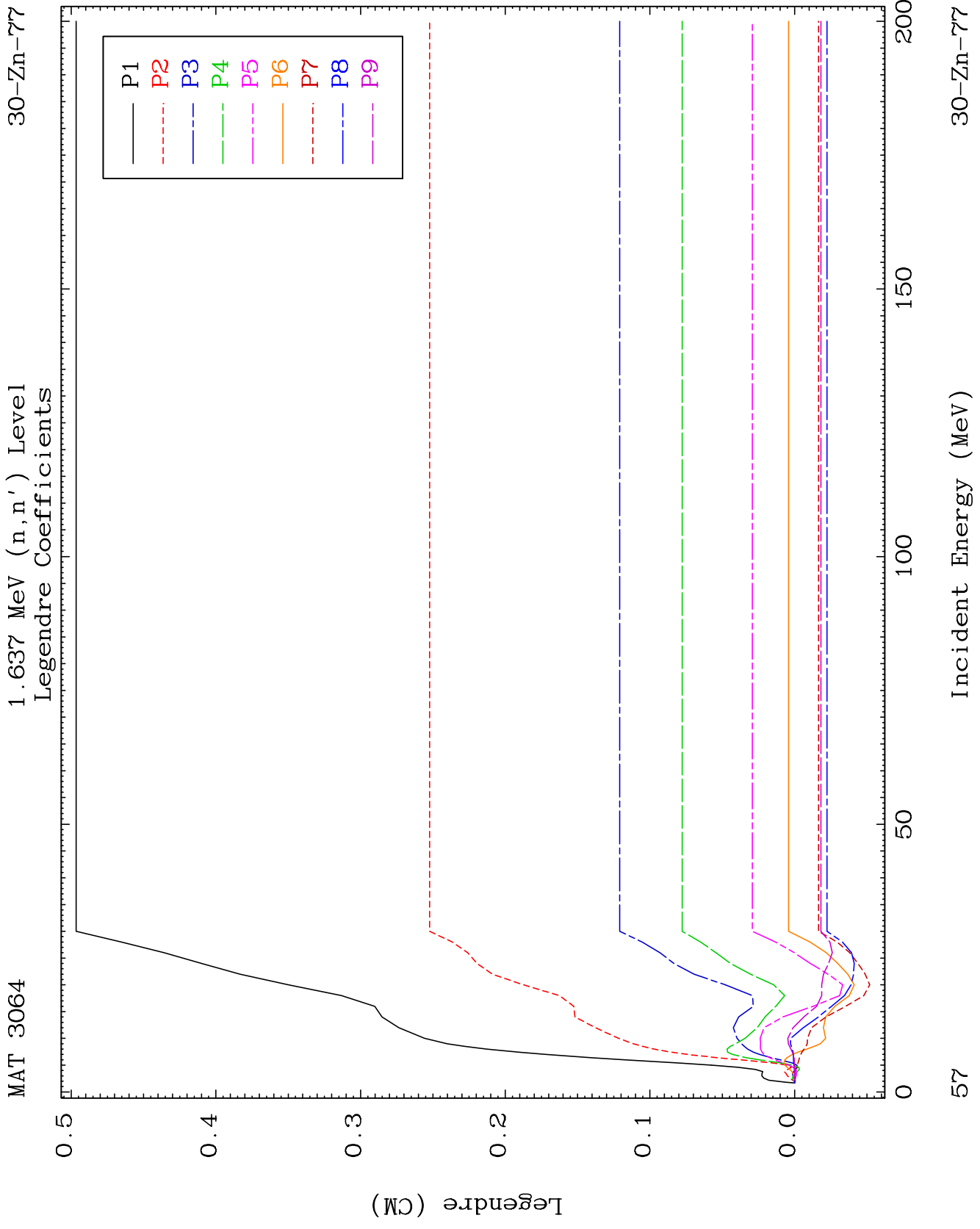
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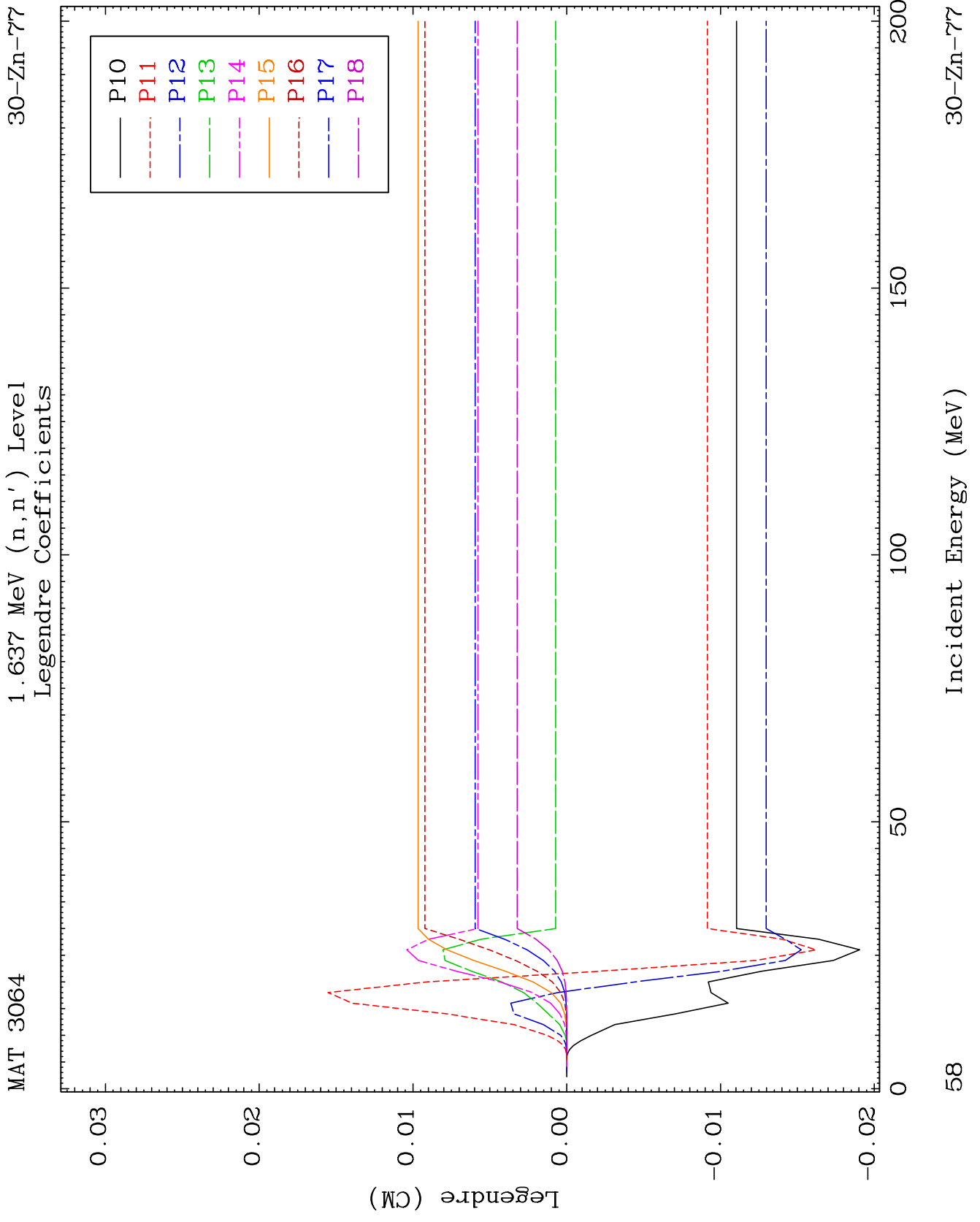
Incident Energy (MeV)

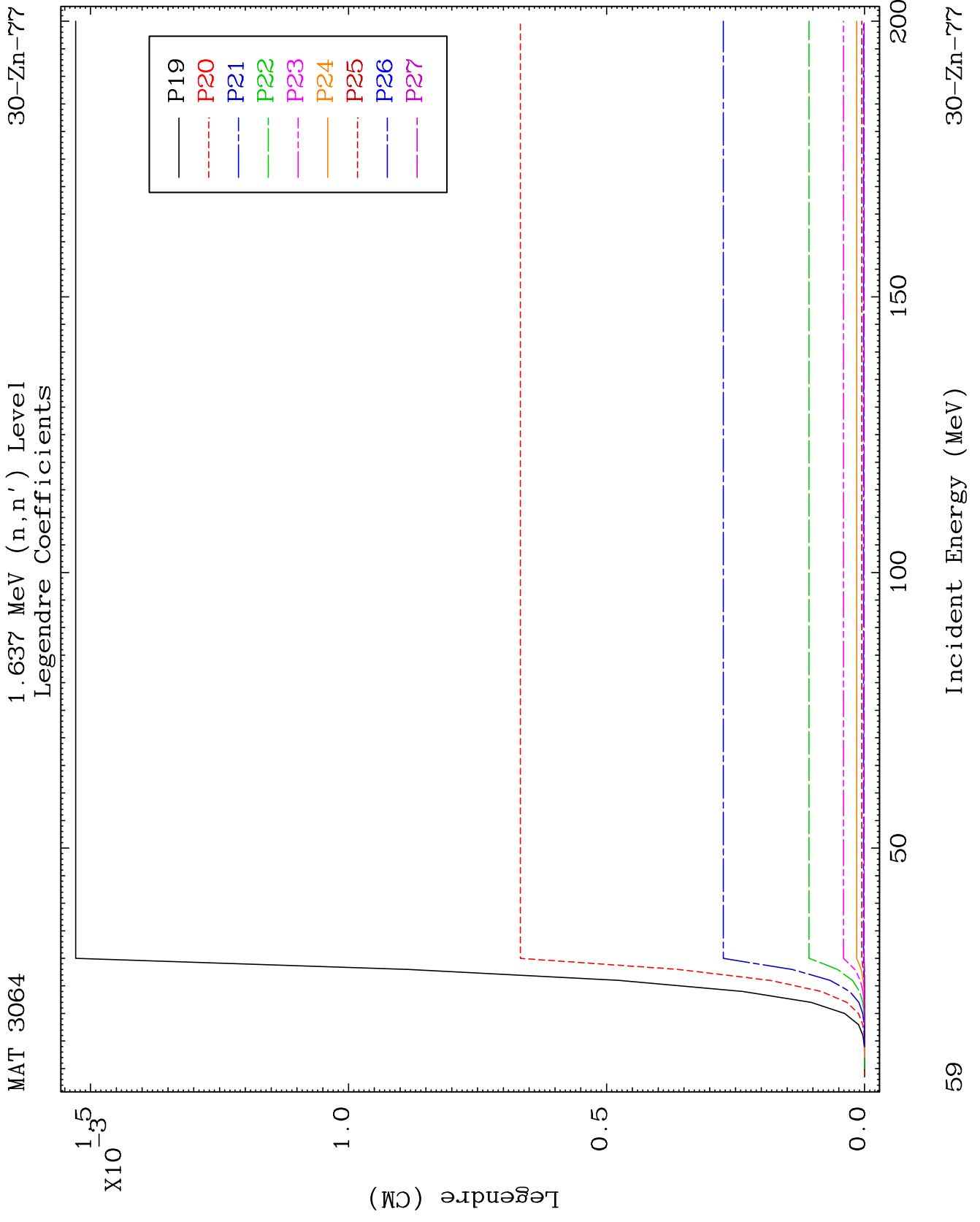
30-Zn-77

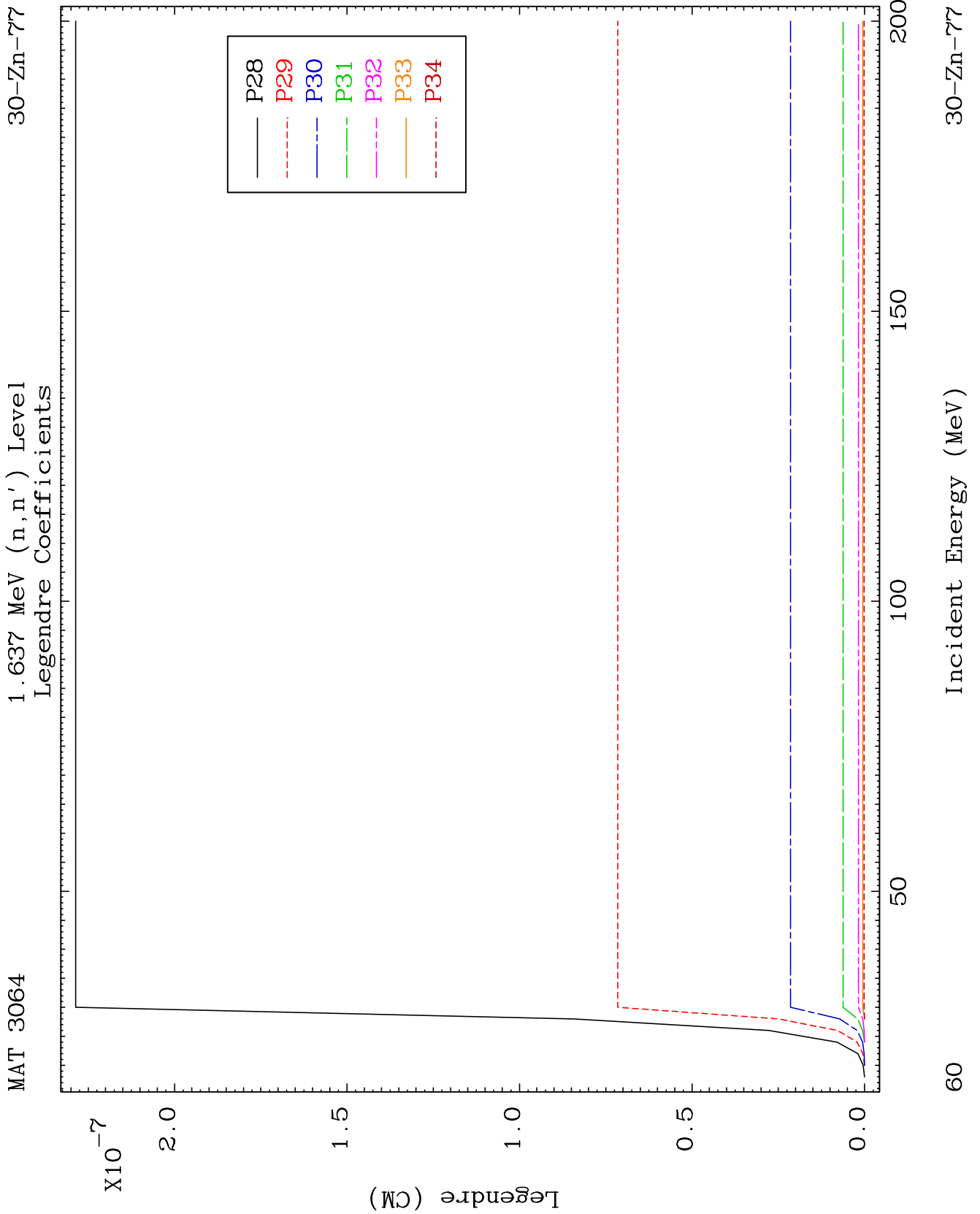


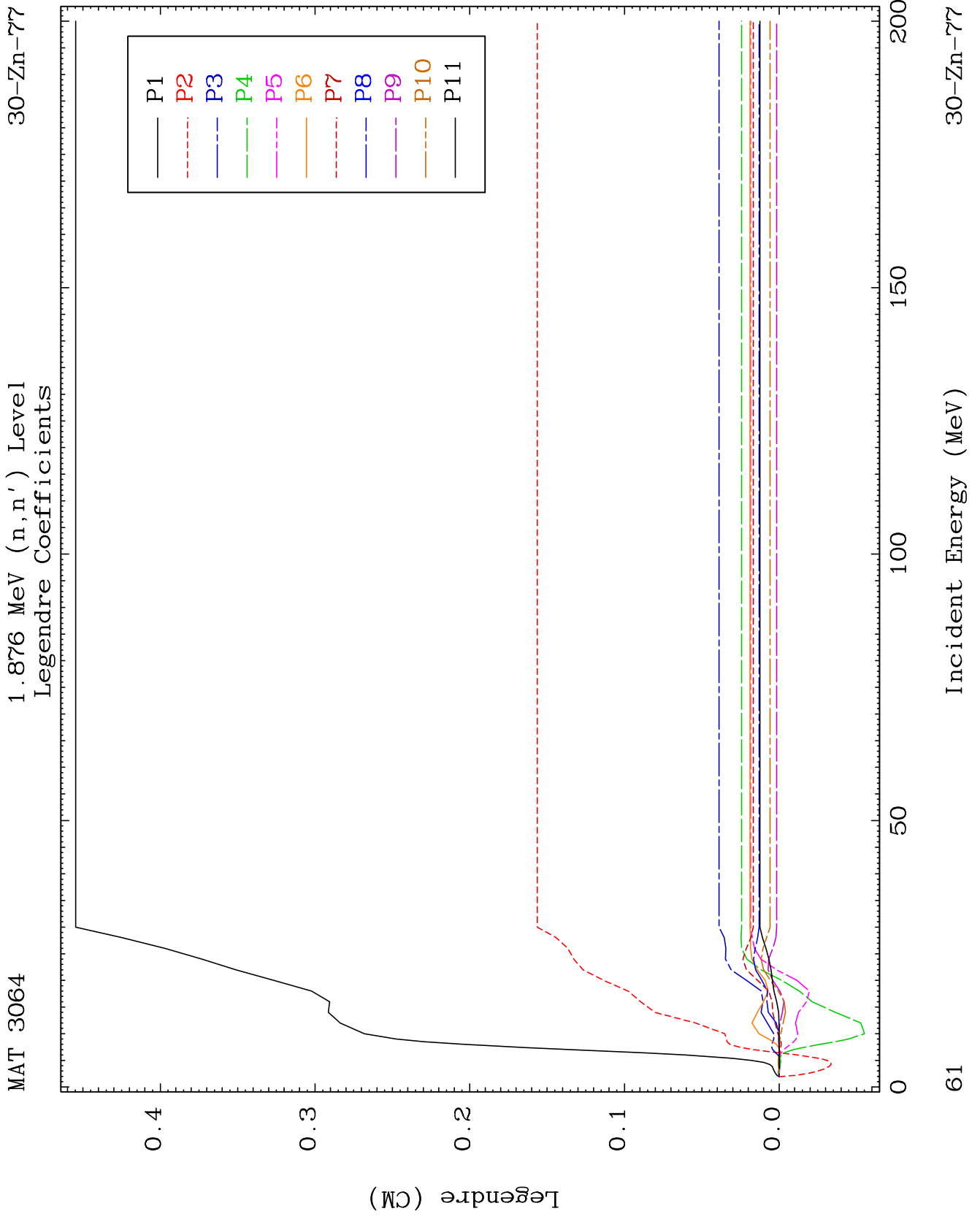








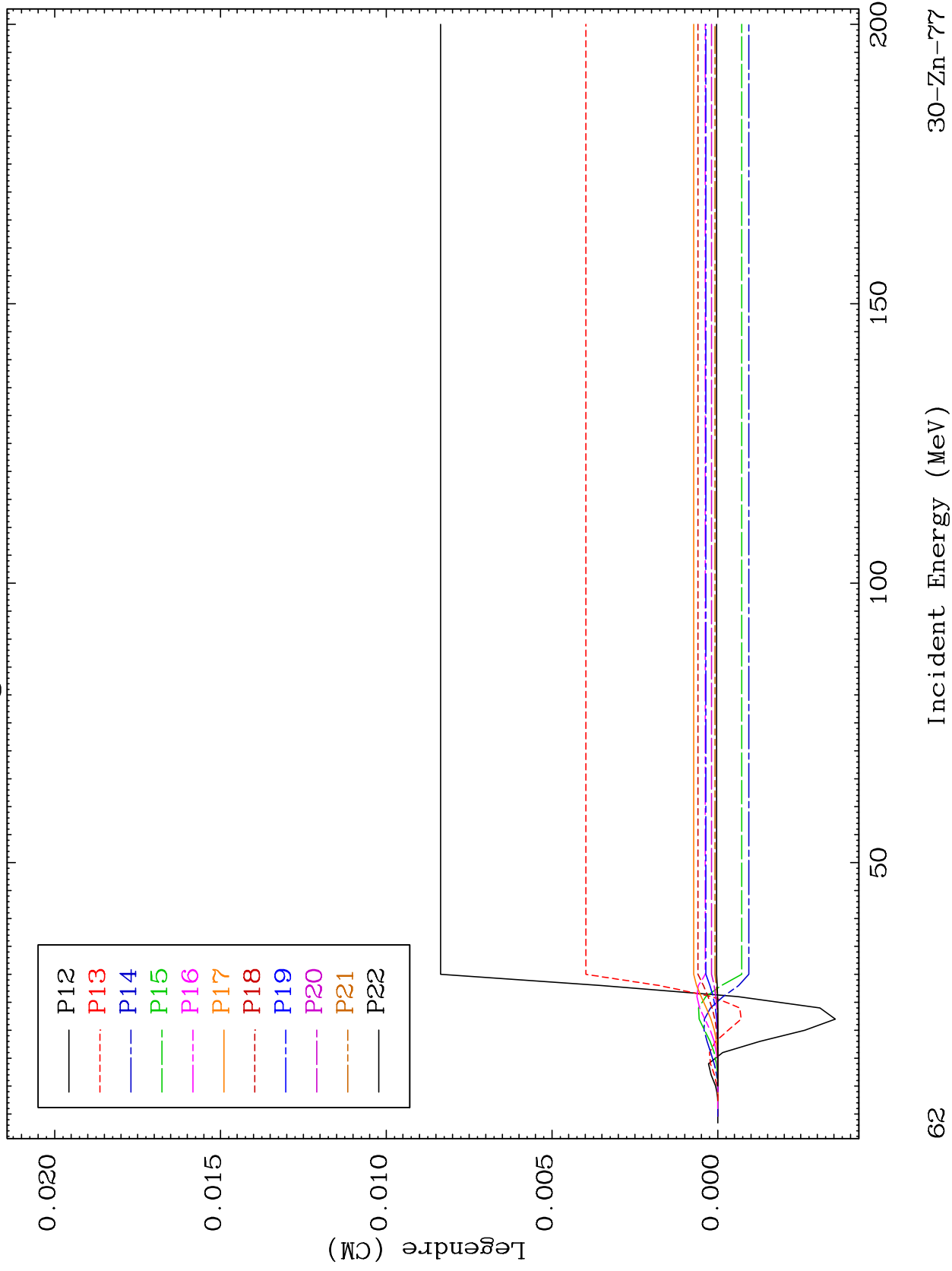




MAT 3064

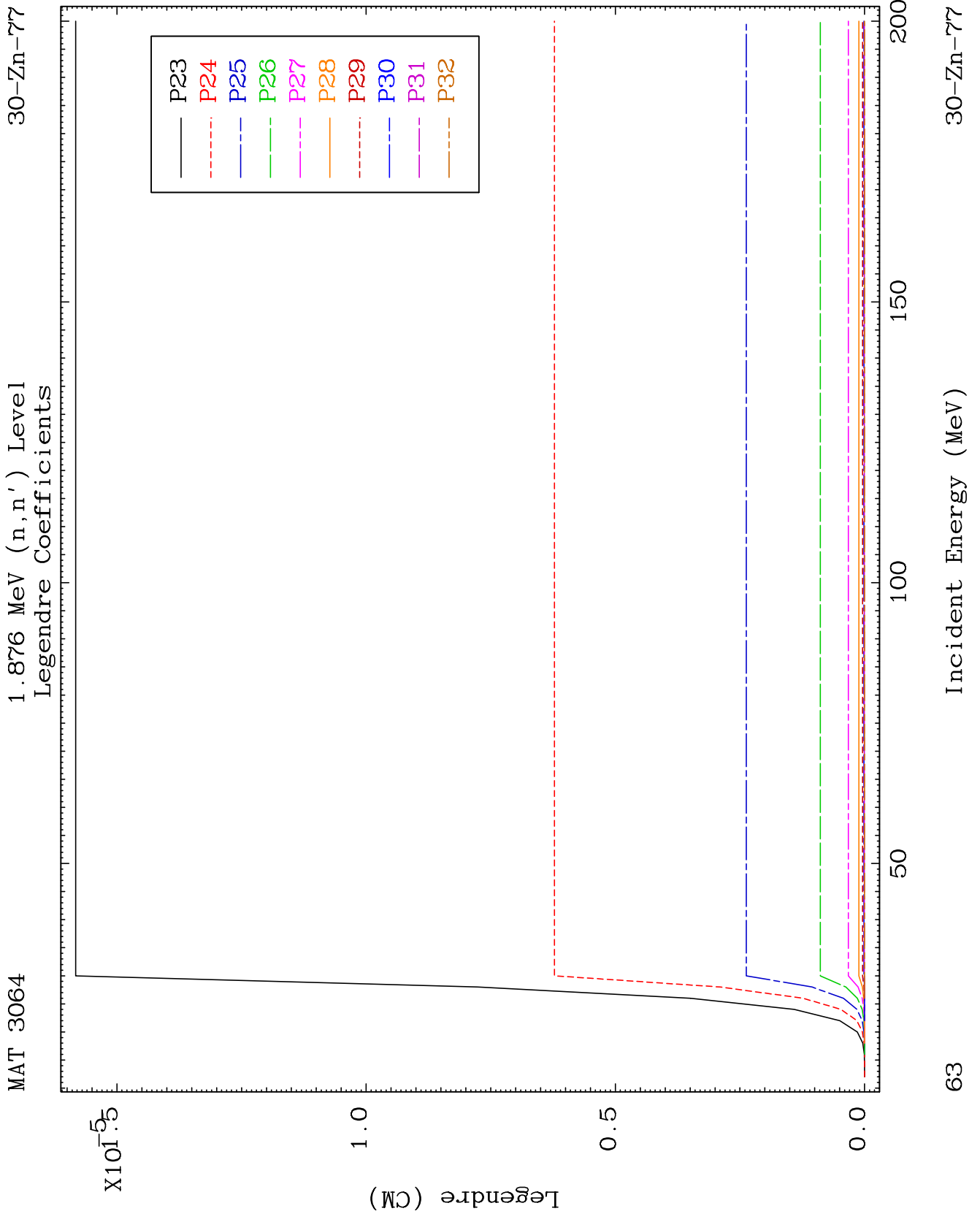
1.876 MeV (n,n') Level
Legendre Coefficients

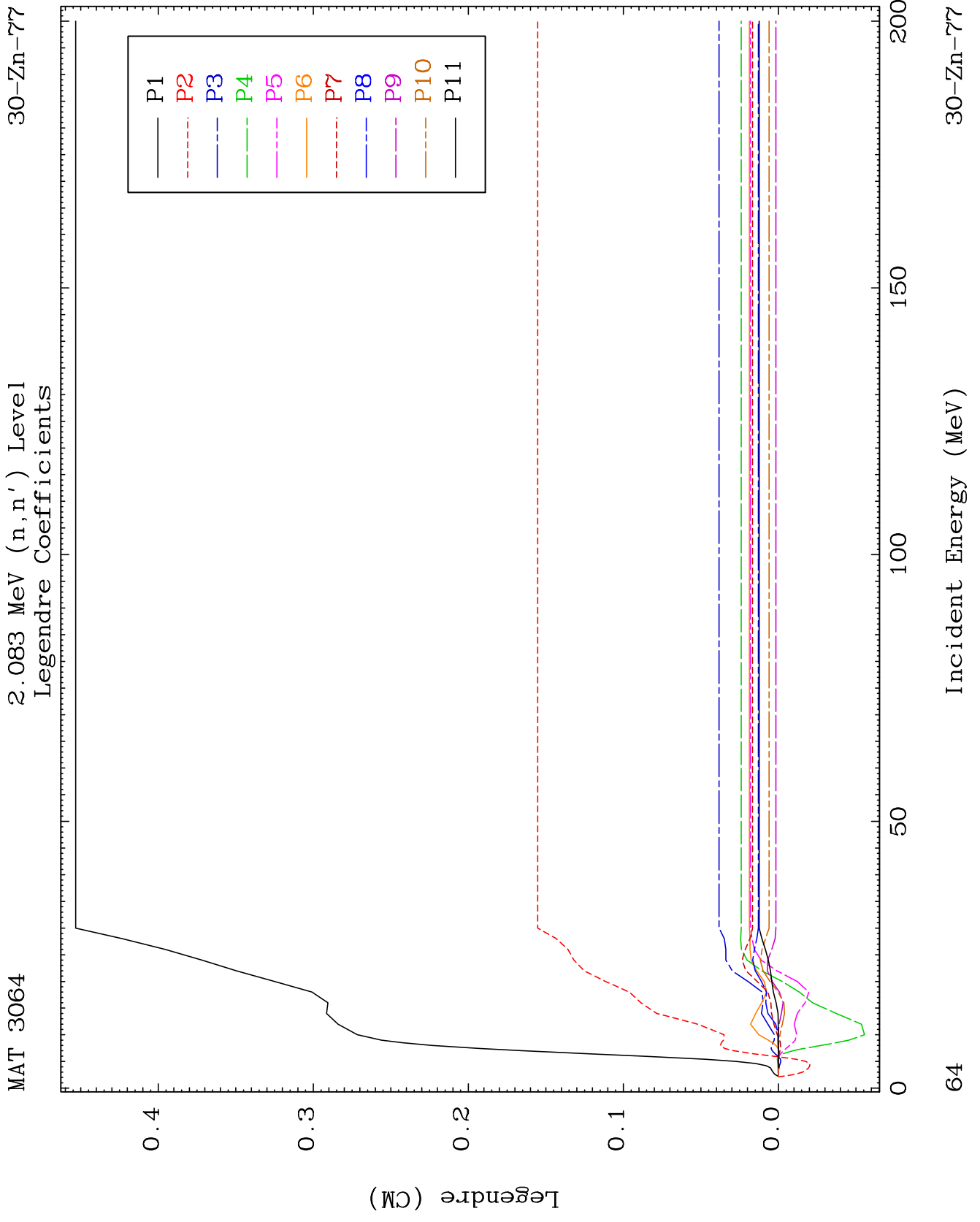
30-Zn-77

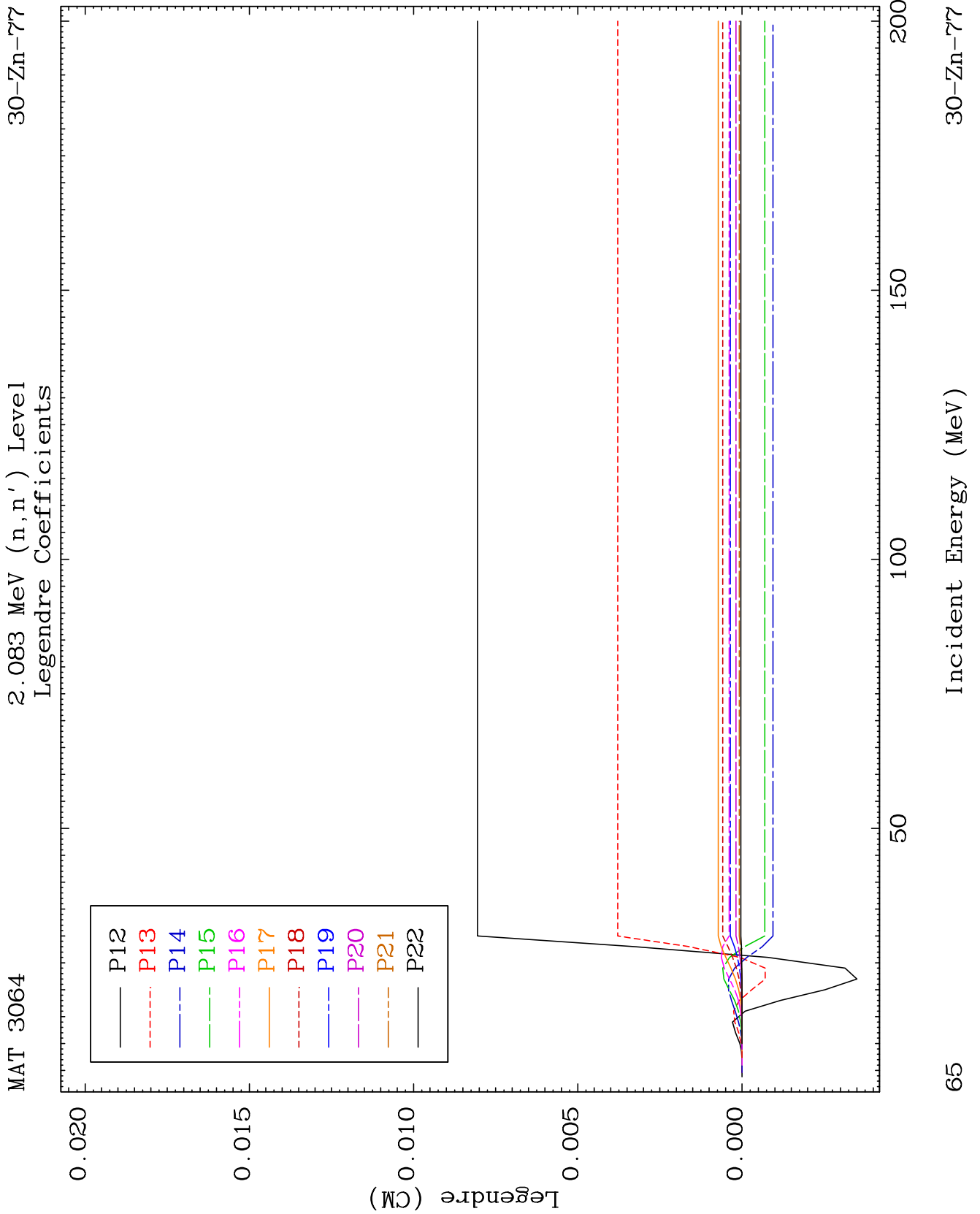


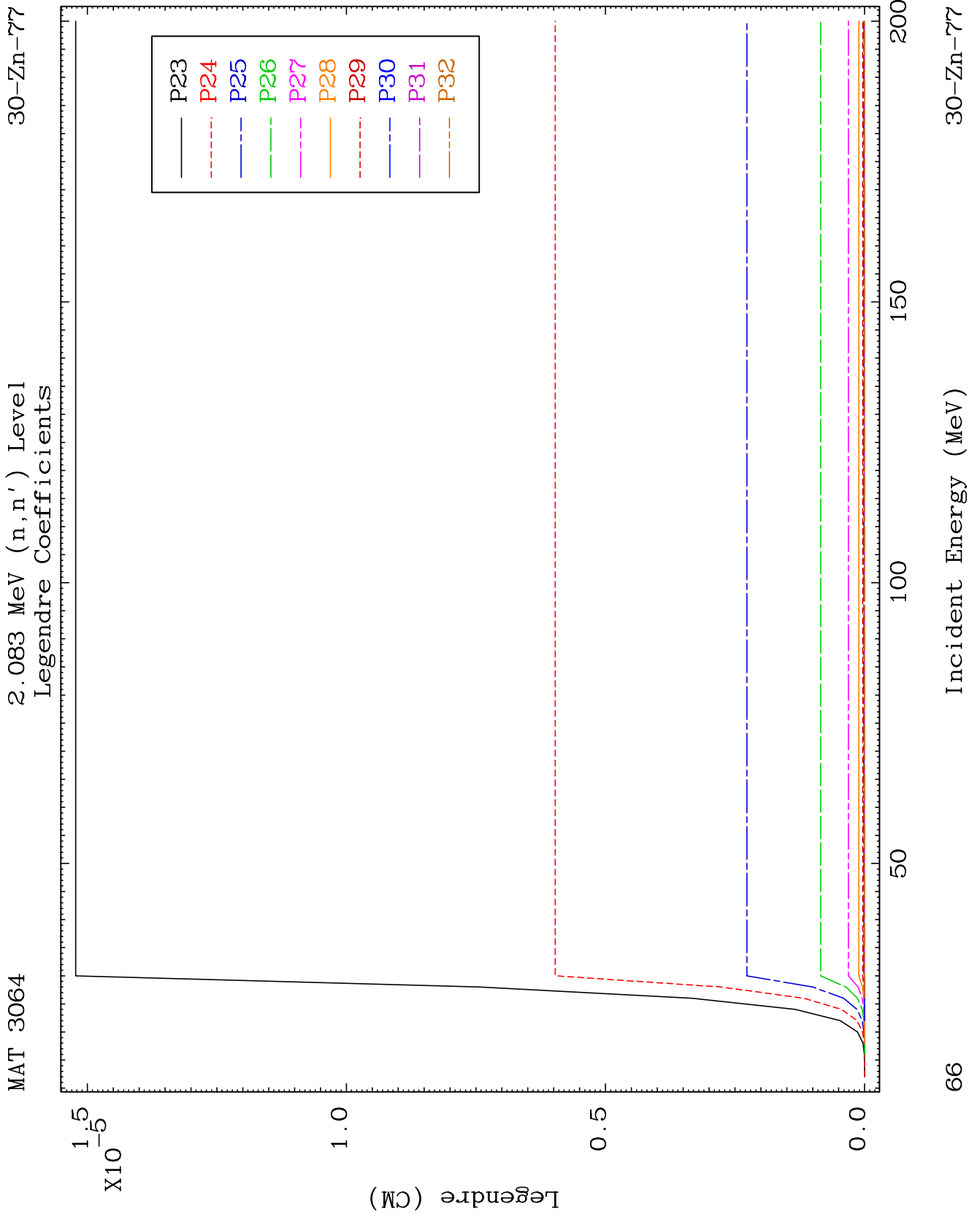
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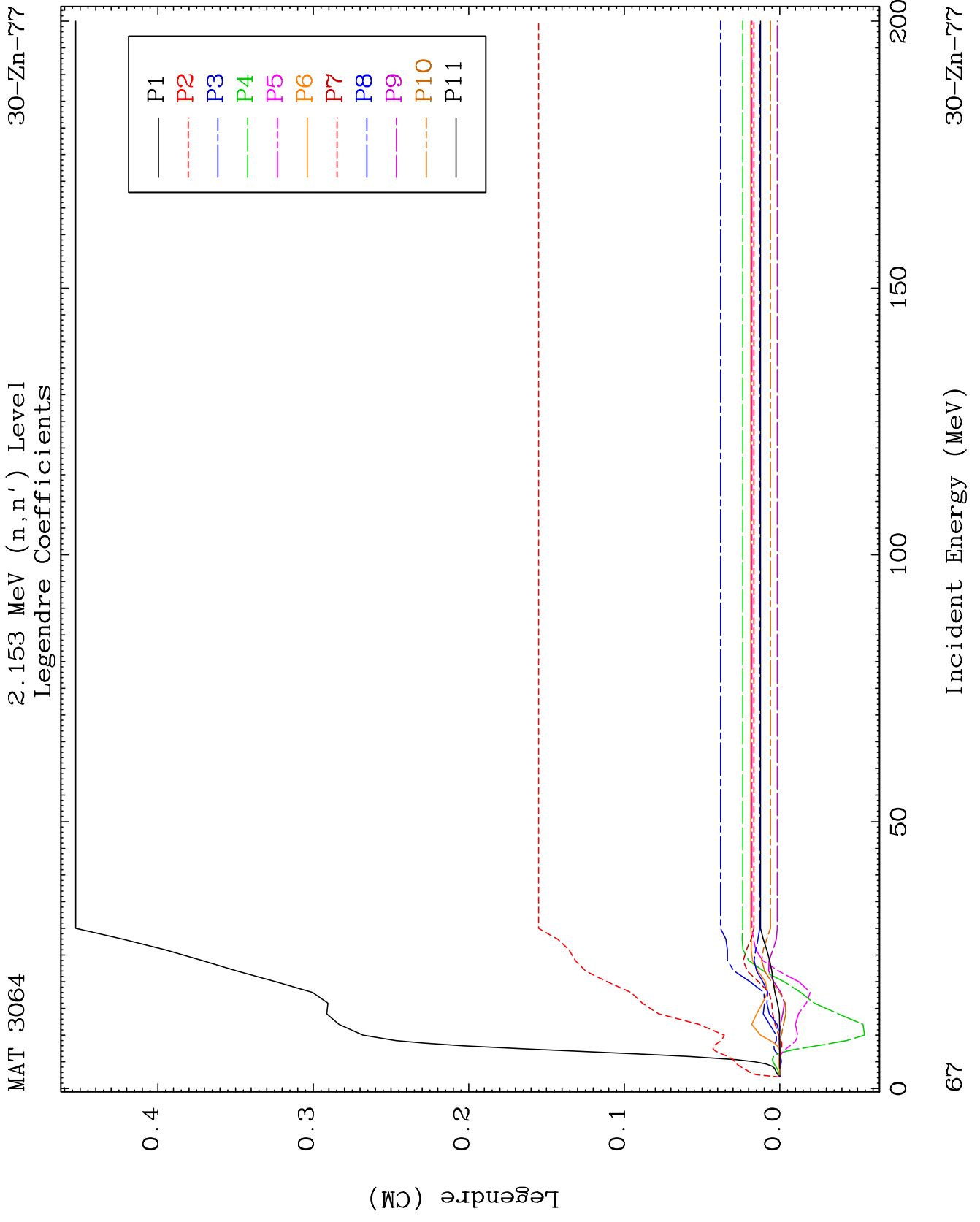
30-Zn-77

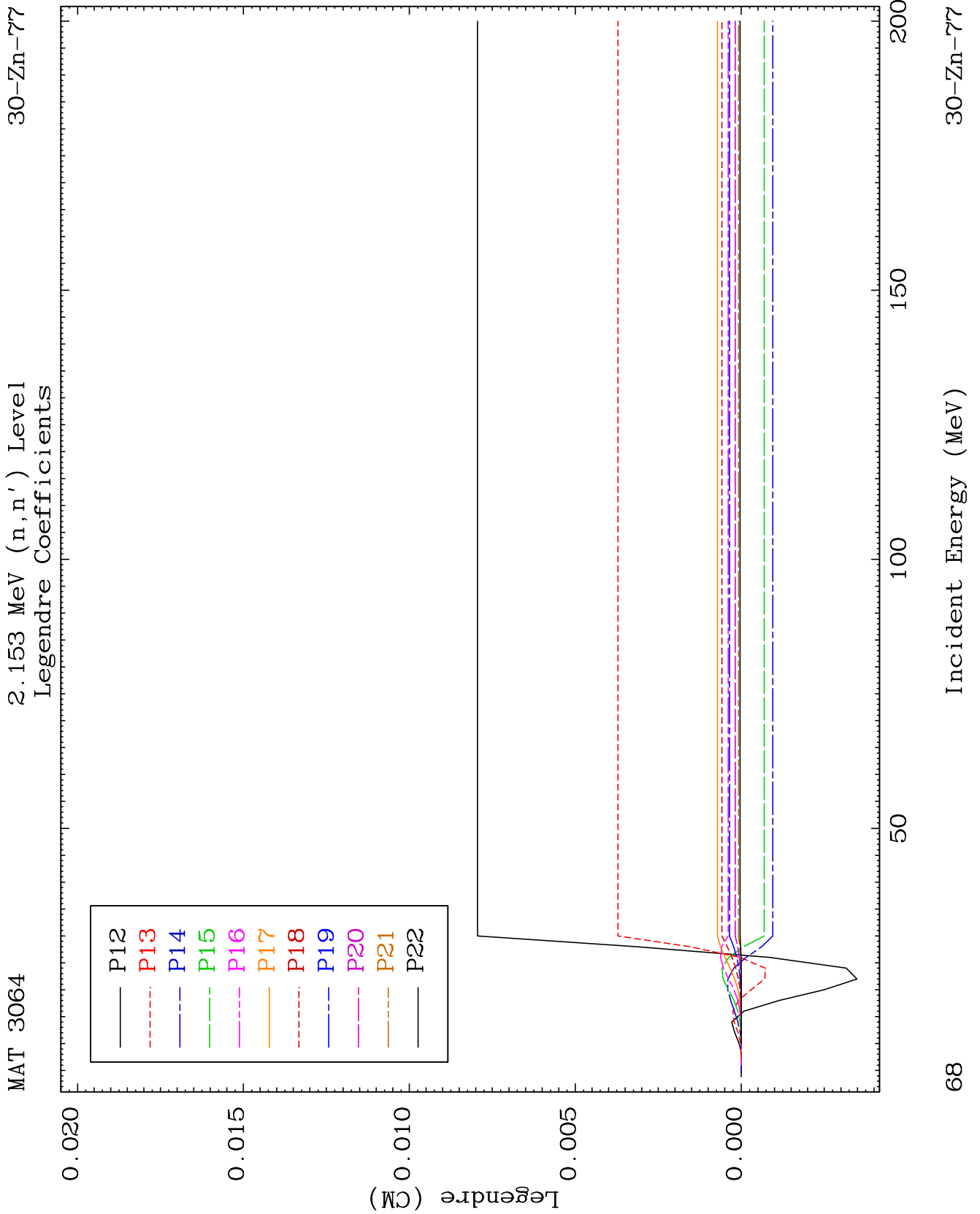


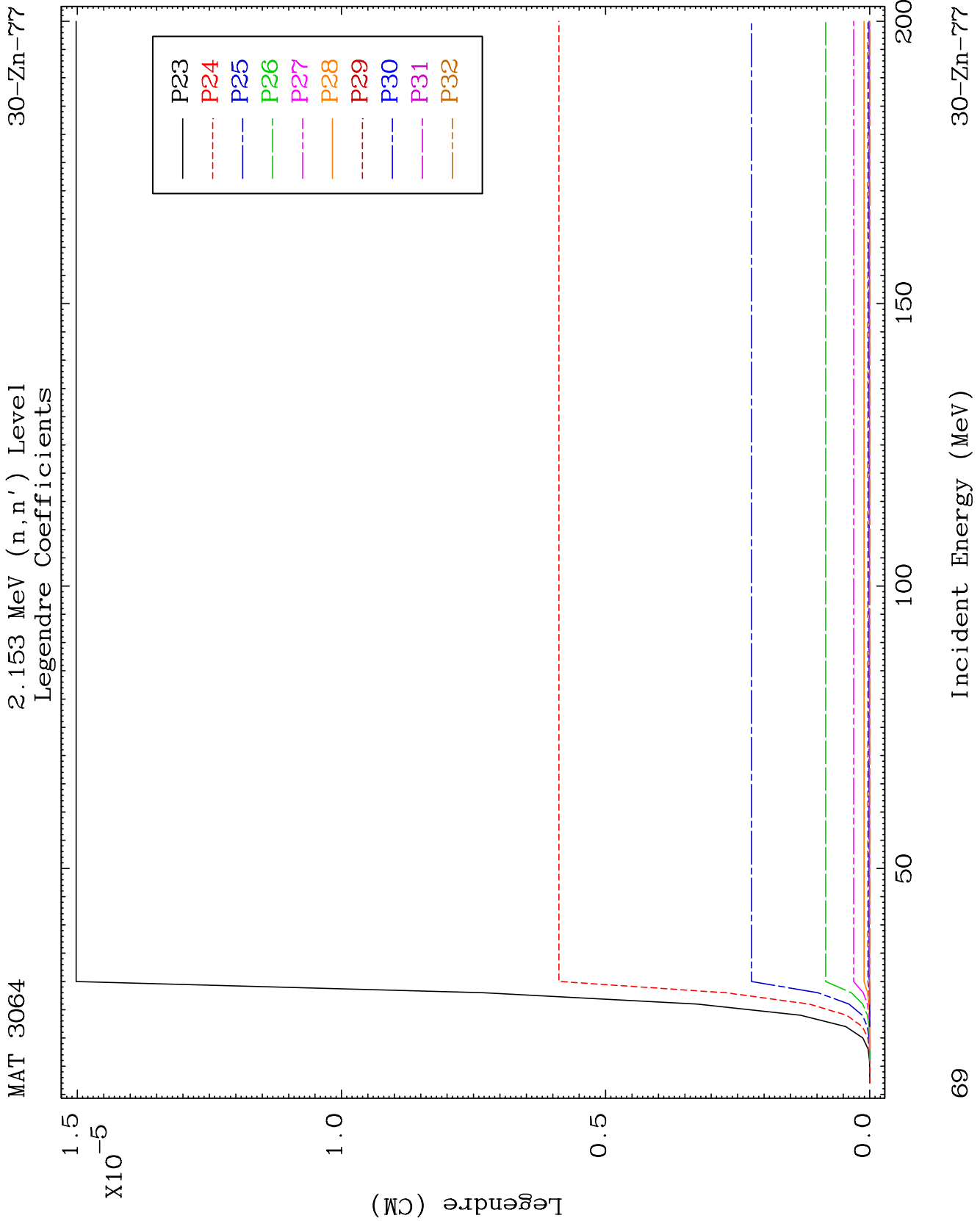


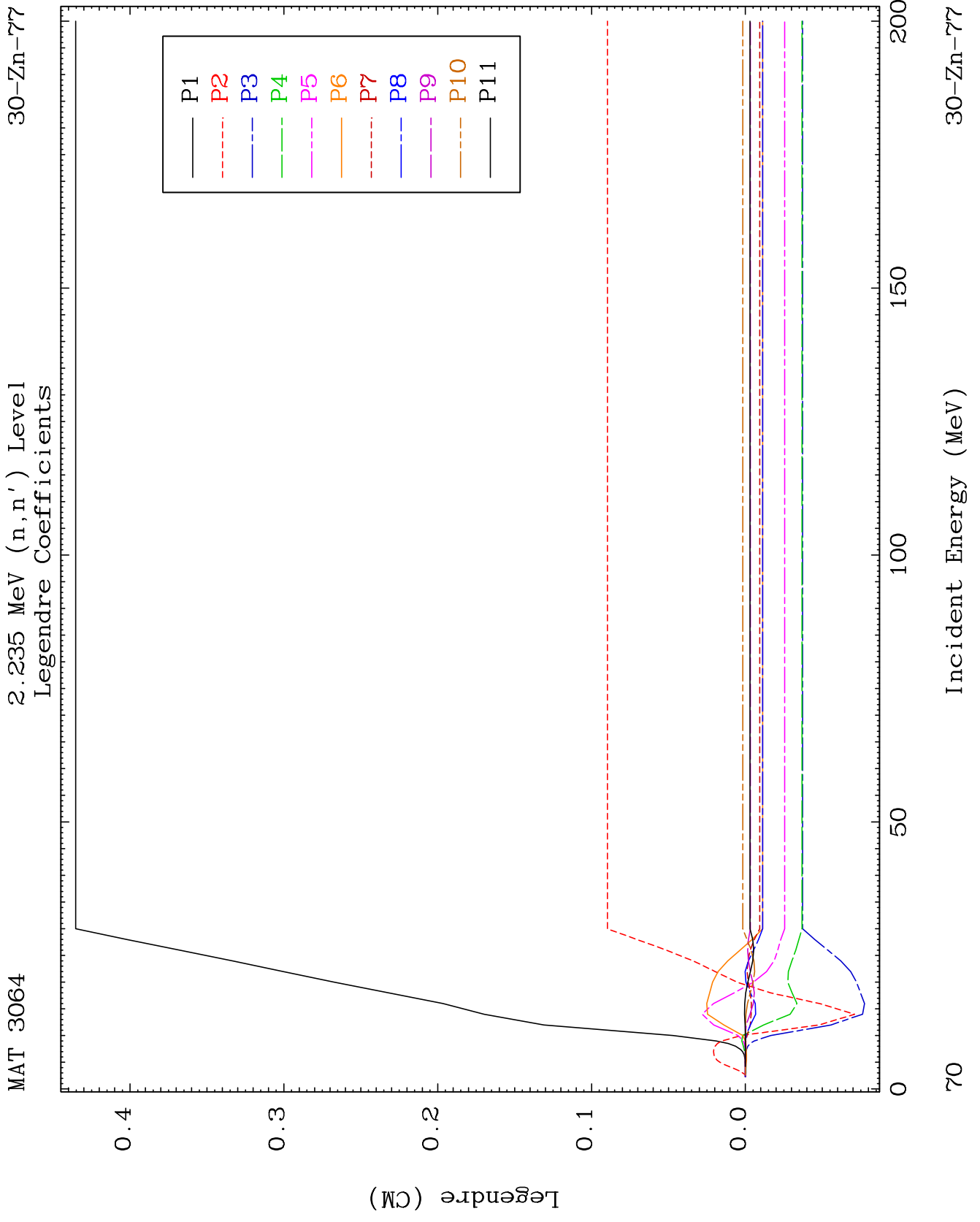


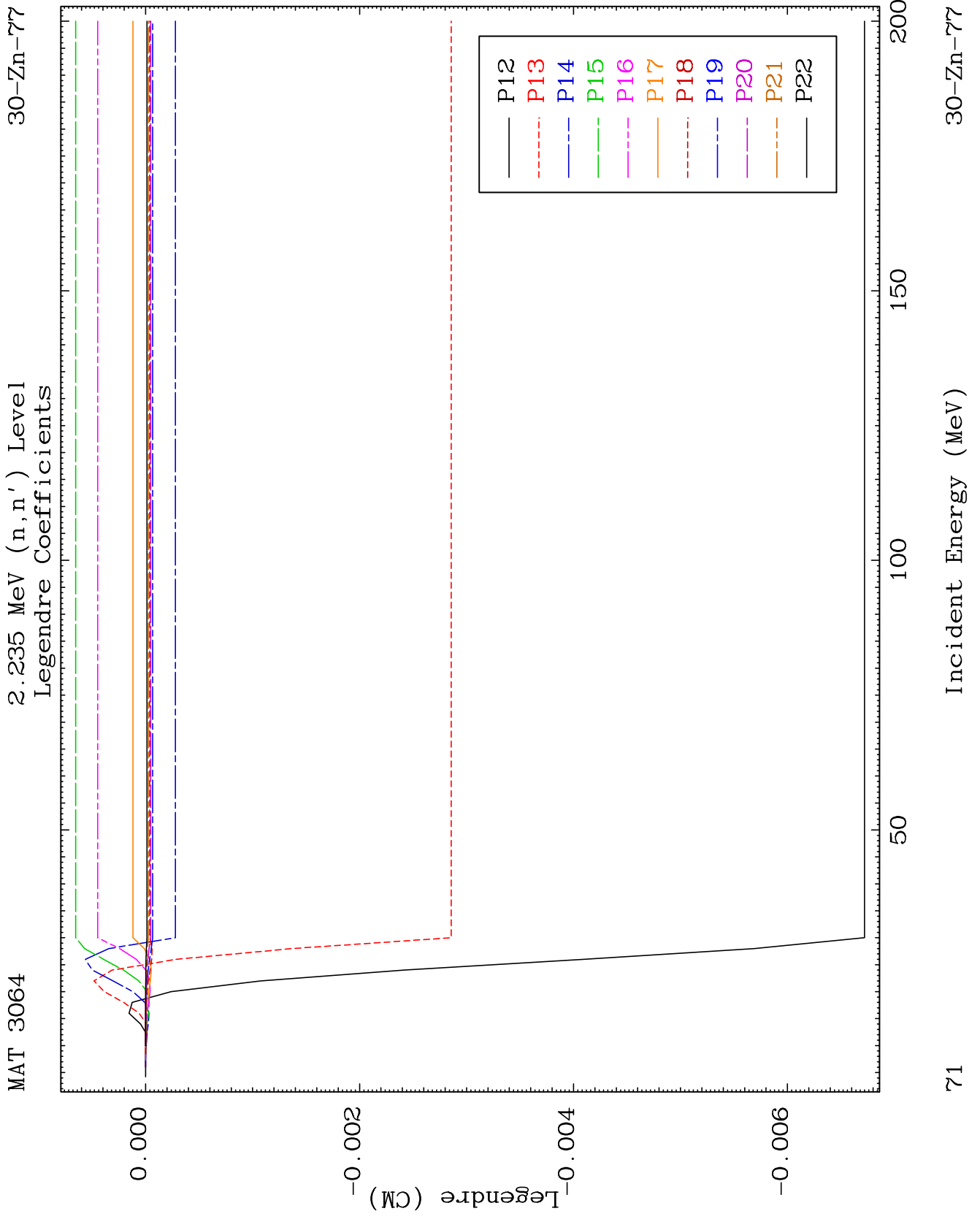


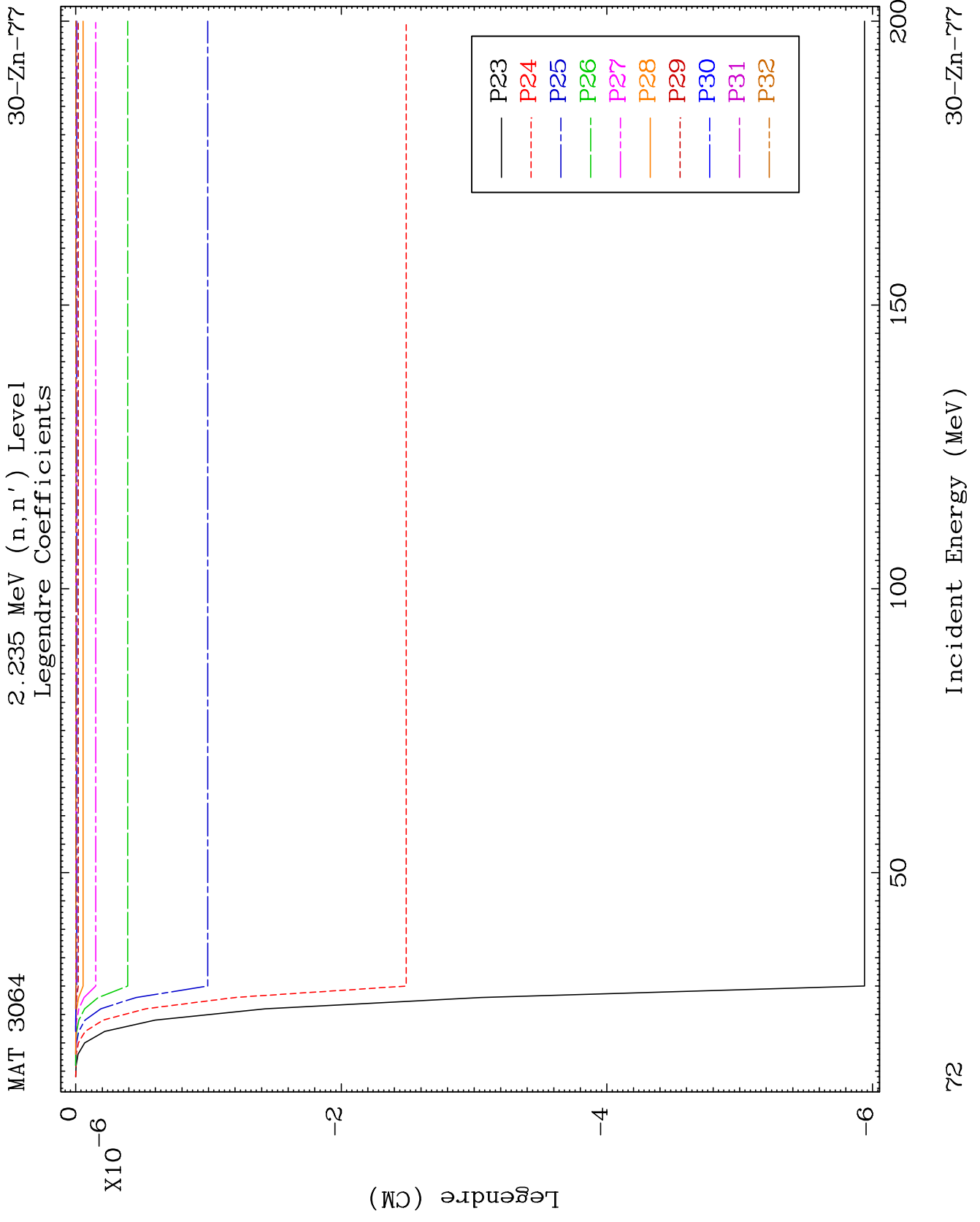


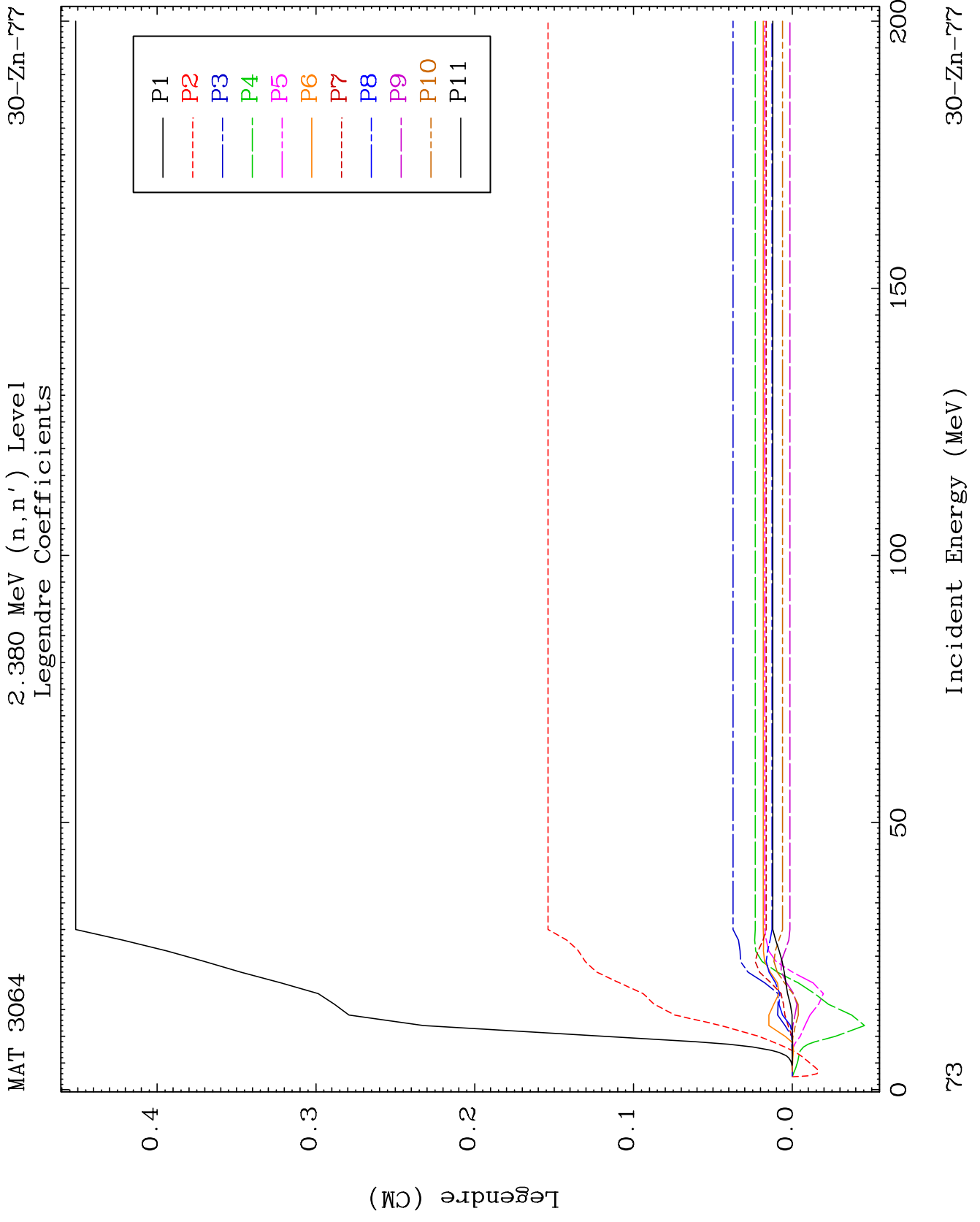








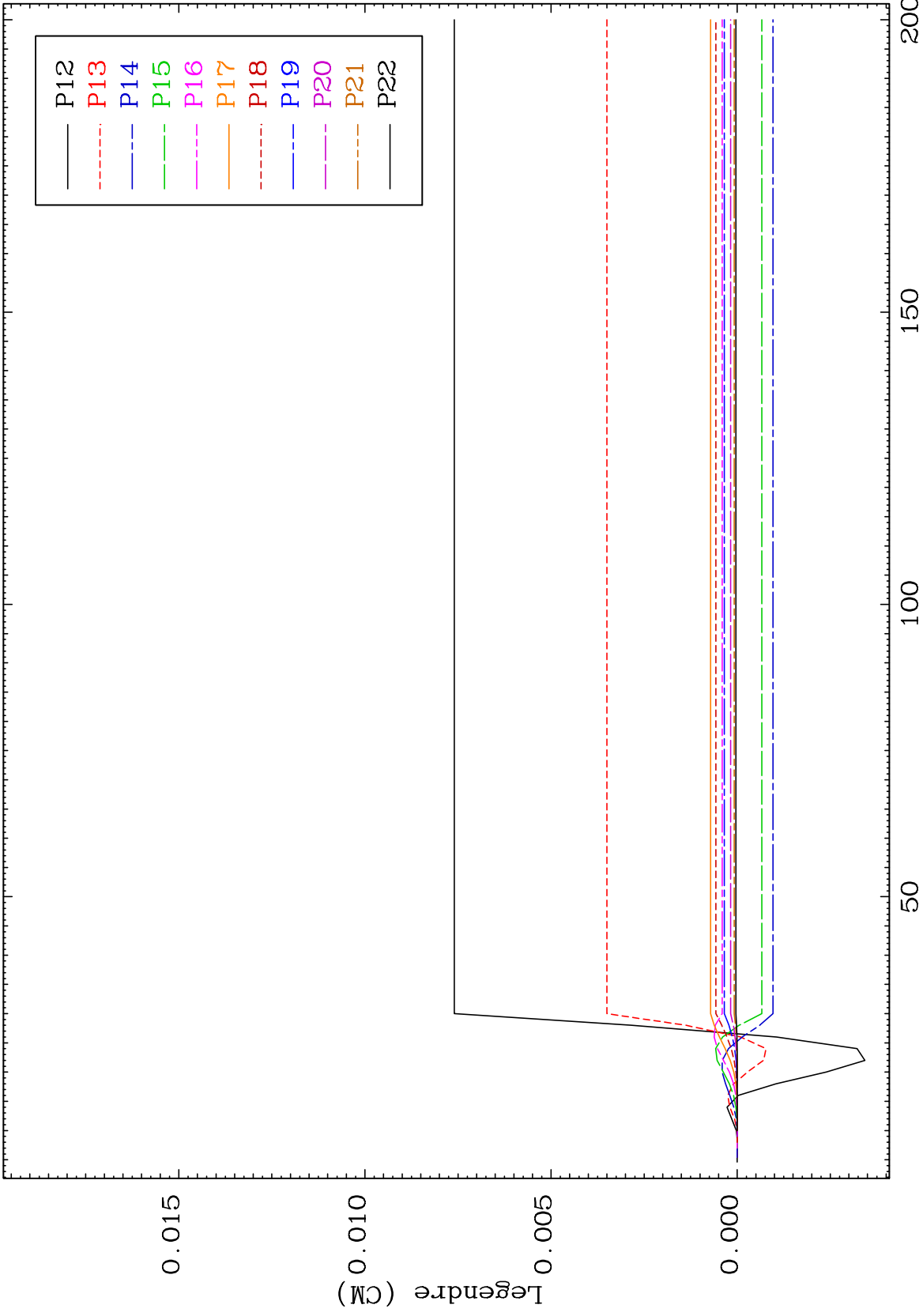




MAT 3064

2.380 MeV (n,n') Level
Legendre Coefficients

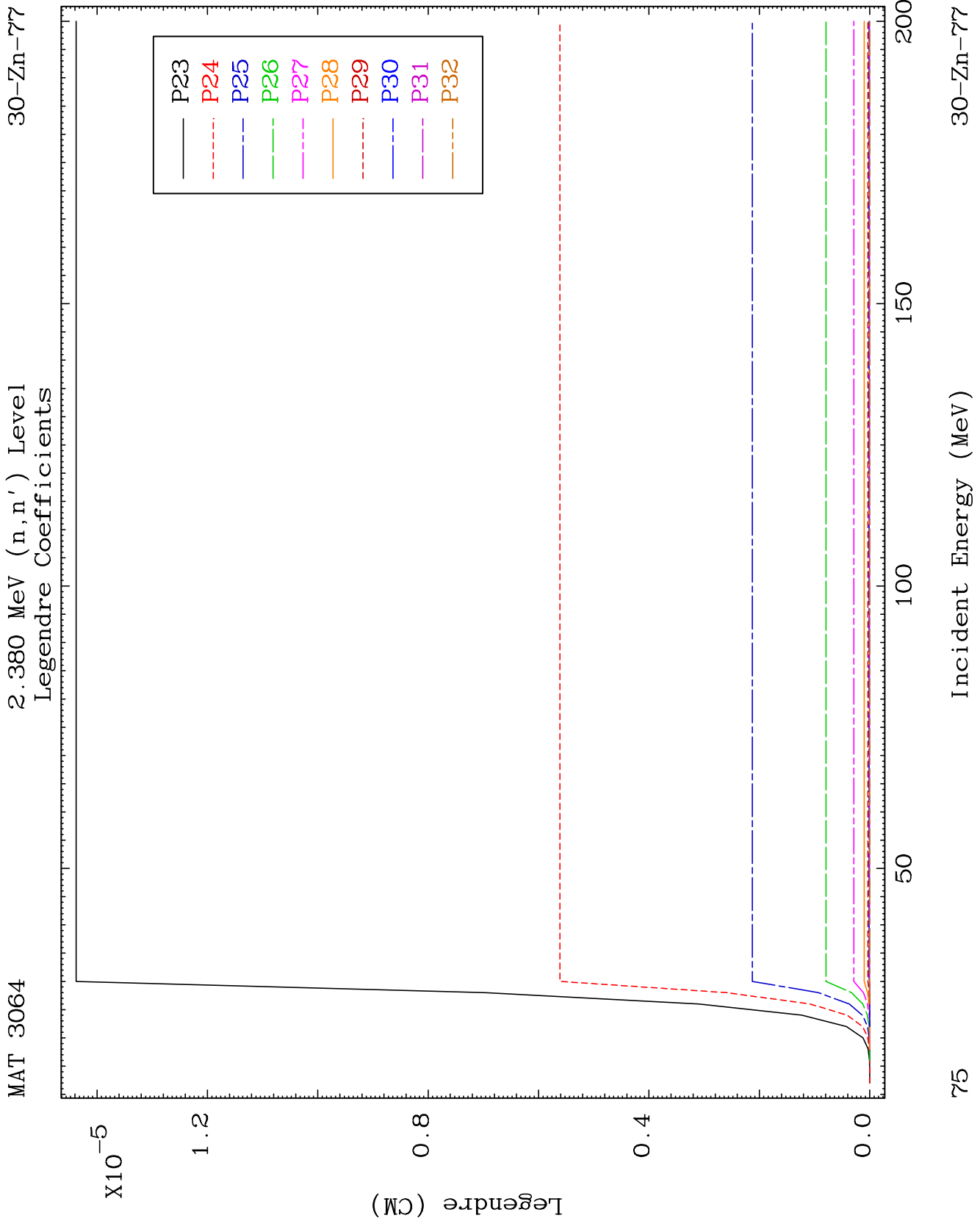
30-Zn-77

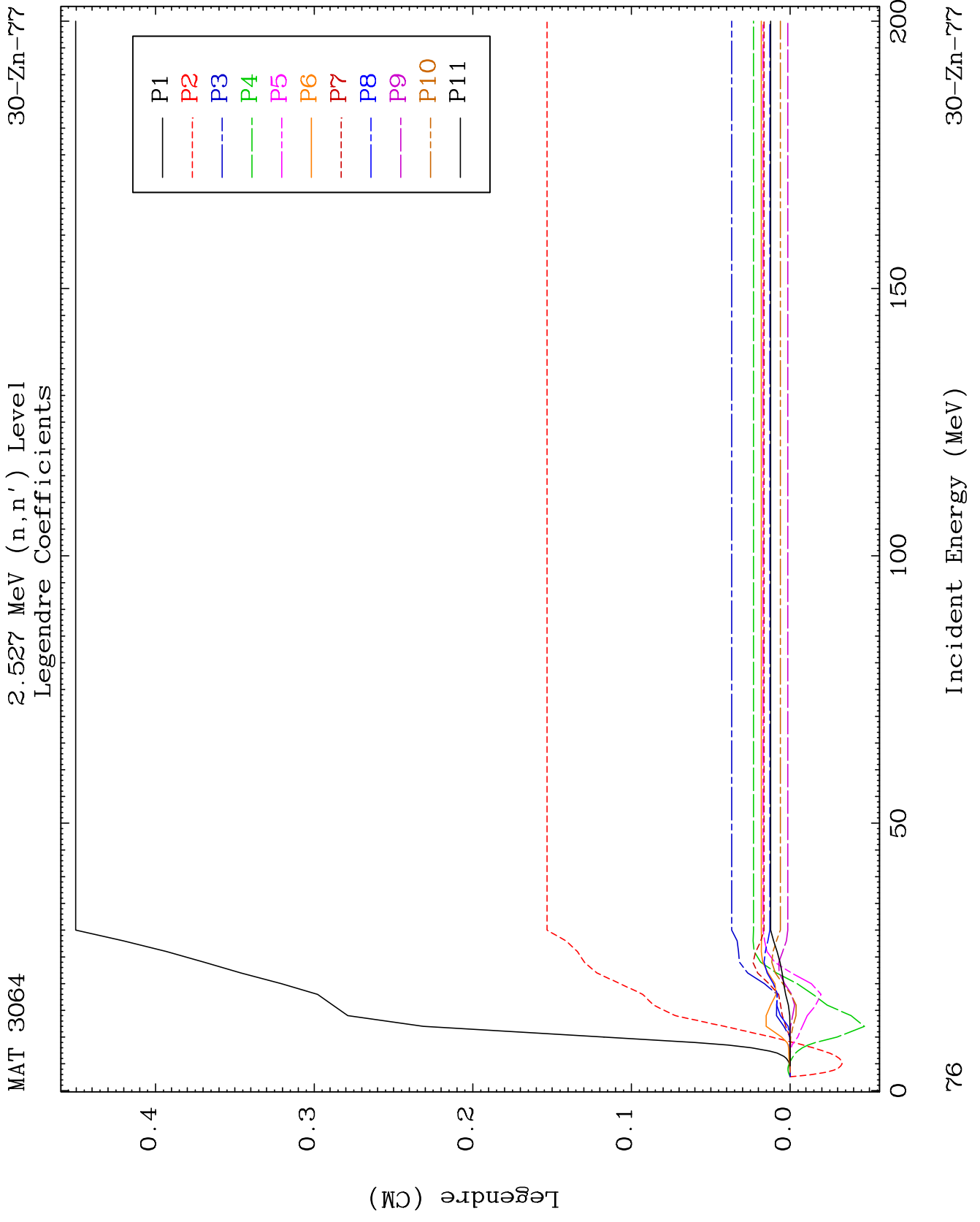


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Incident Energy (MeV)

30-Zn-77

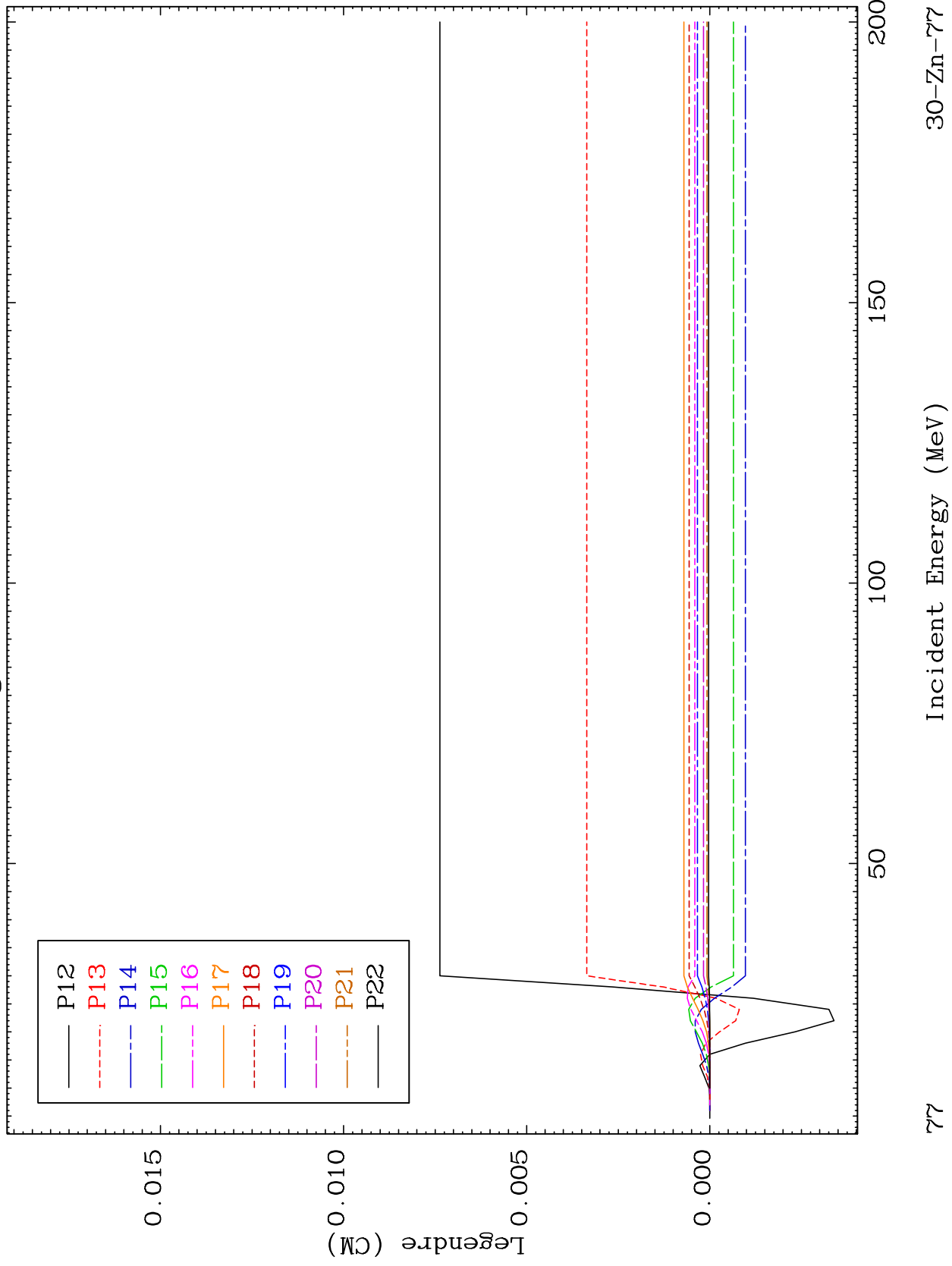




MAT 3064

2.527 MeV (n,n') Level
Legendre Coefficients

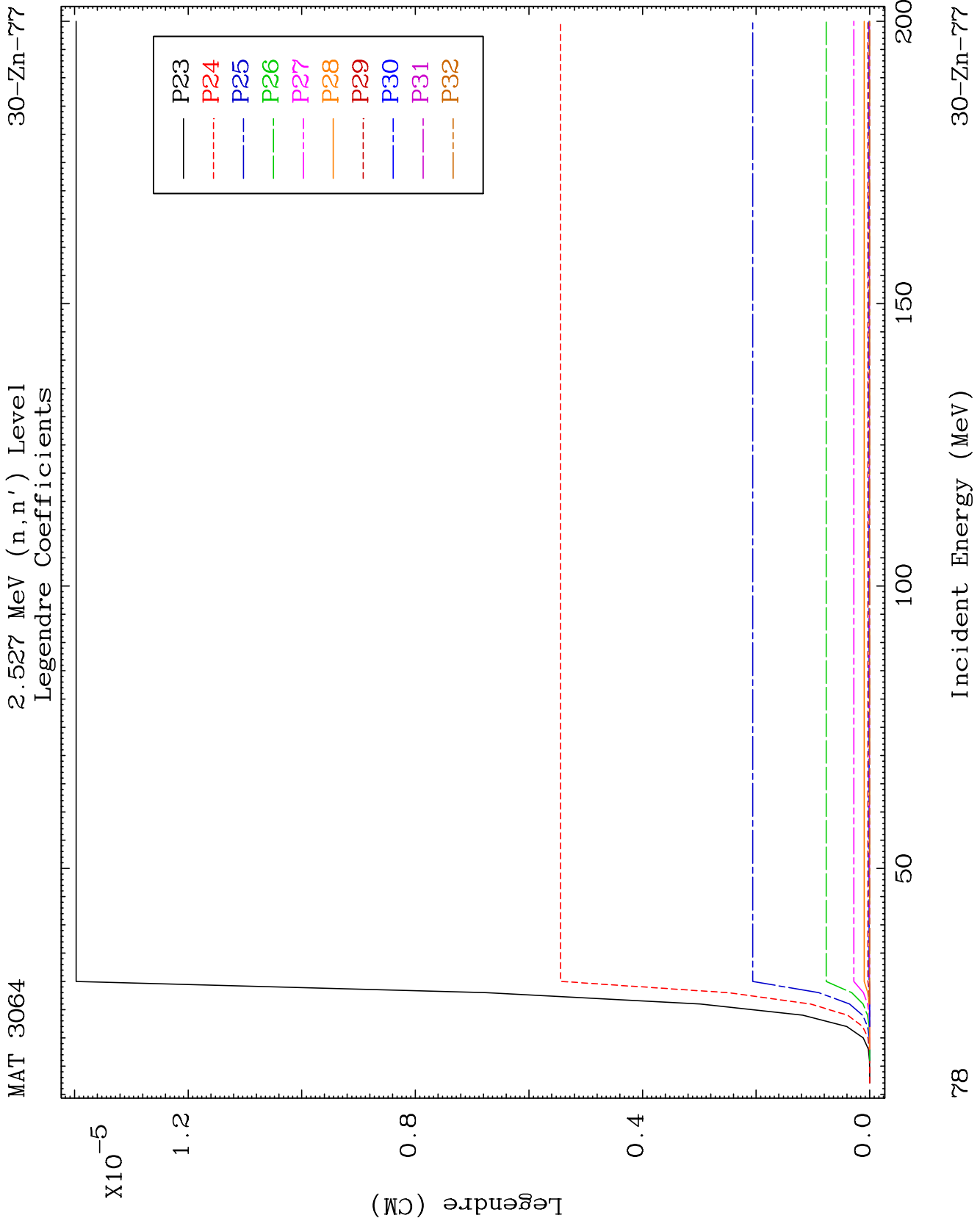
30-Zn-77



77

Incident Energy (MeV)

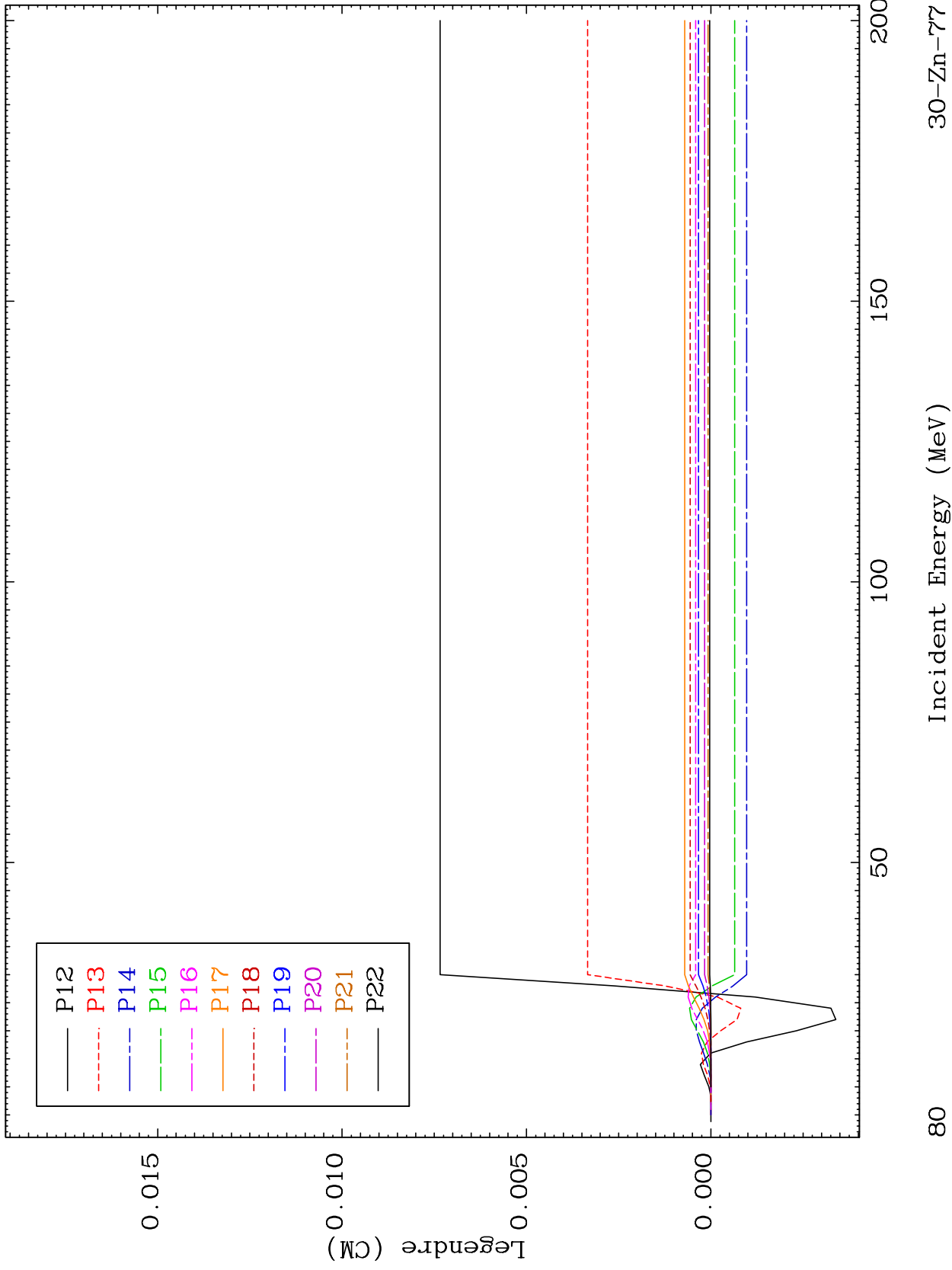
30-Zn-77



MAT 3064

2.546 MeV (n, n') Level
Legendre Coefficients

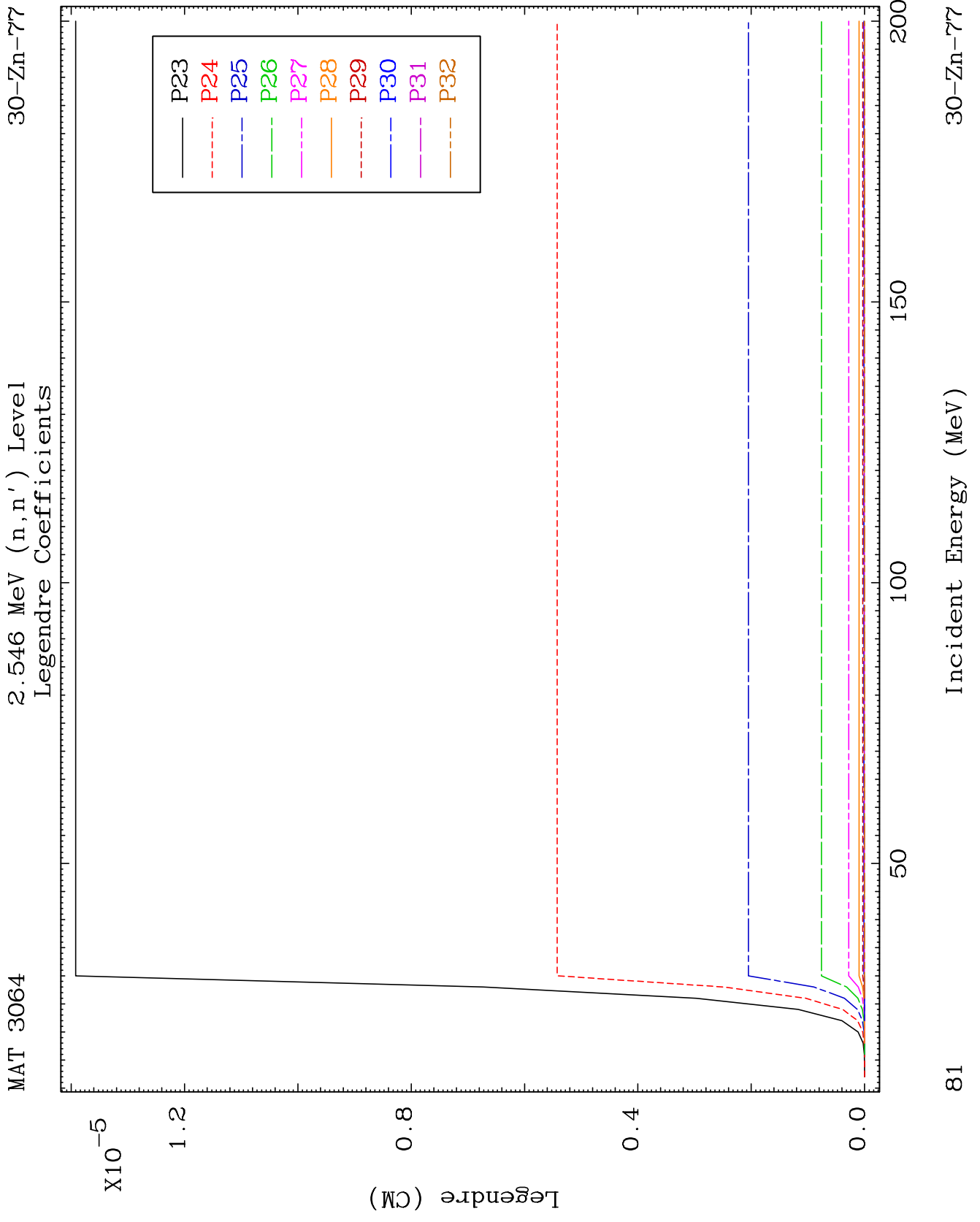
30-Zn-77



80

Incident Energy (MeV)

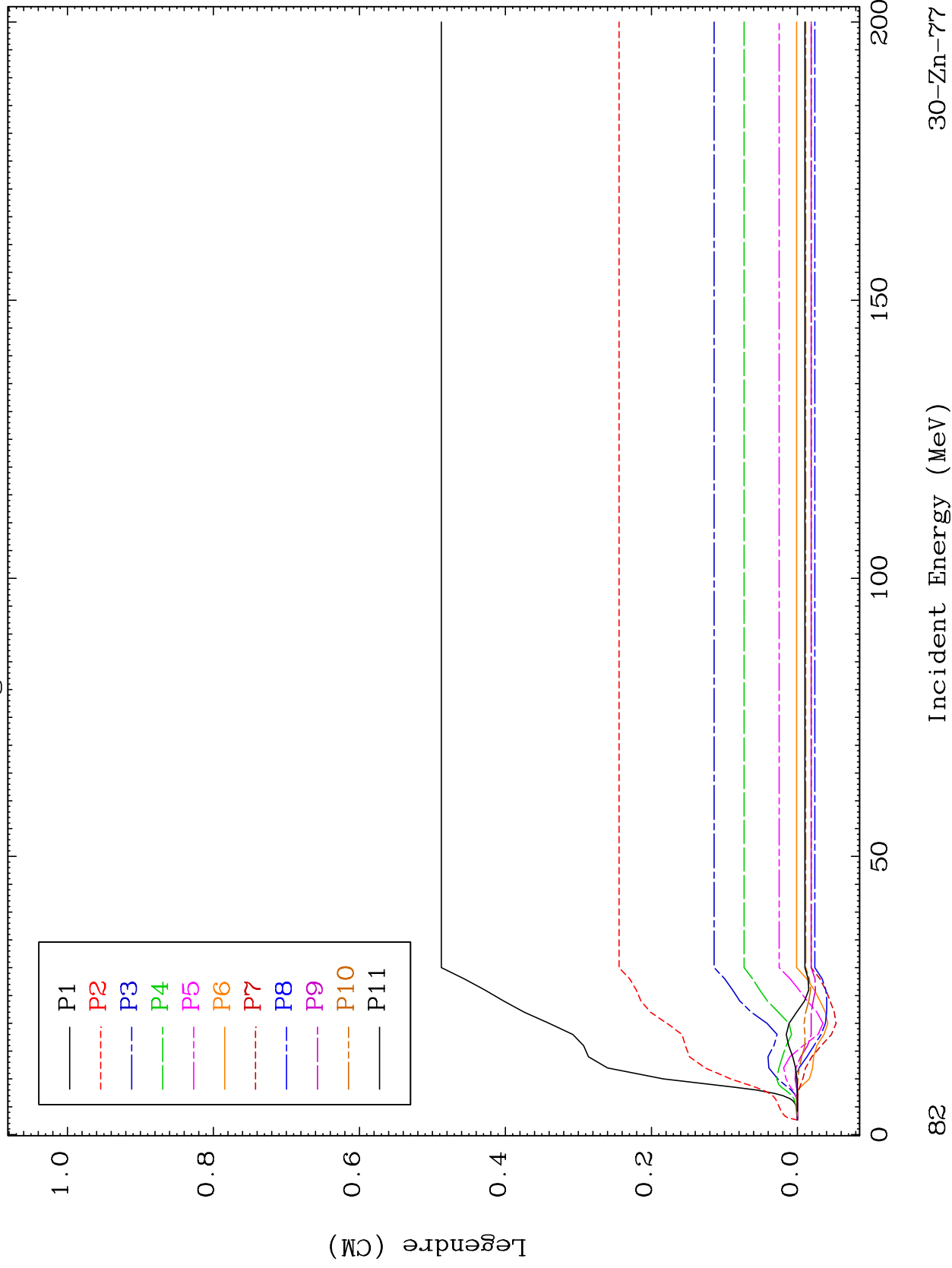
30-Zn-77



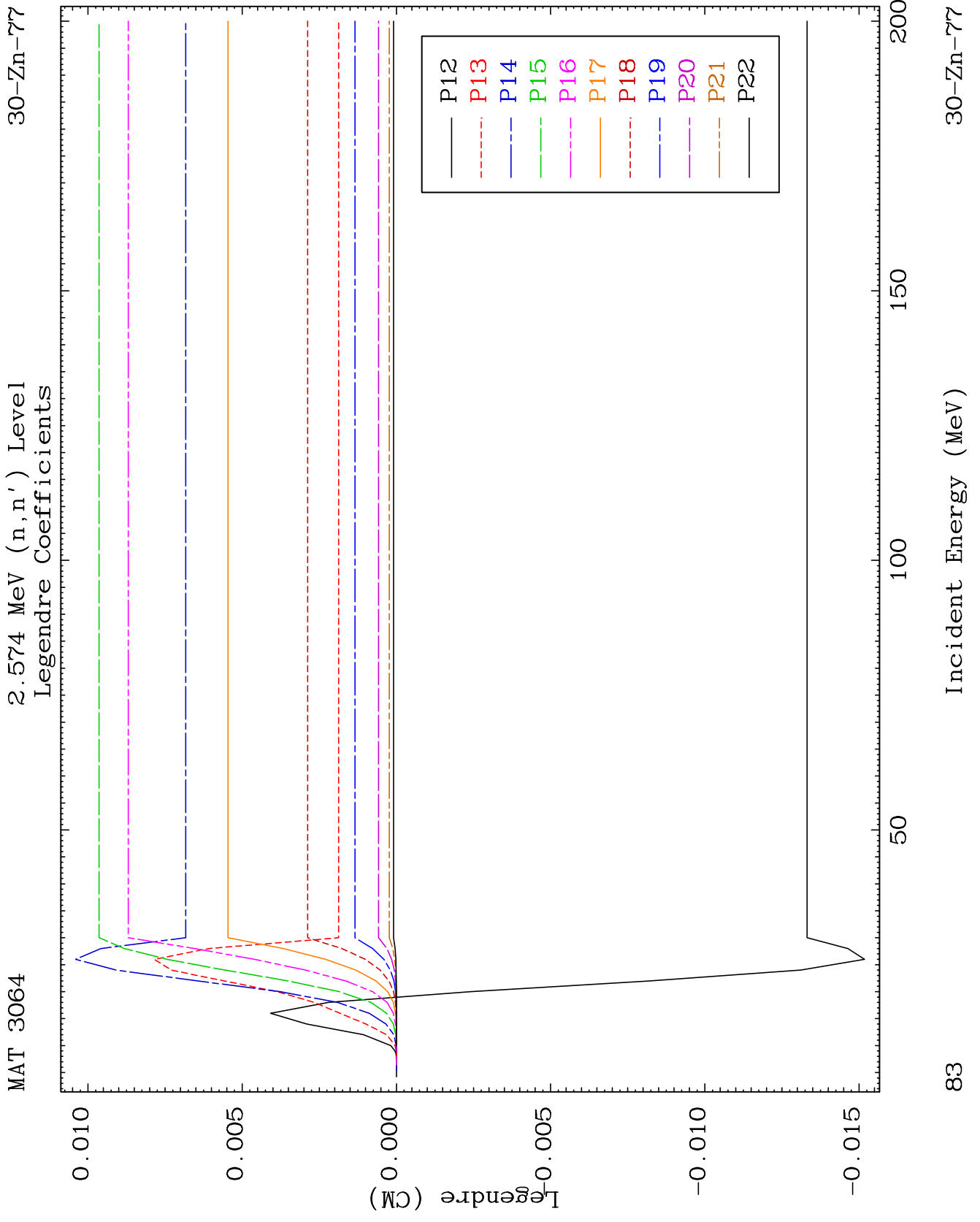
MAT 3064

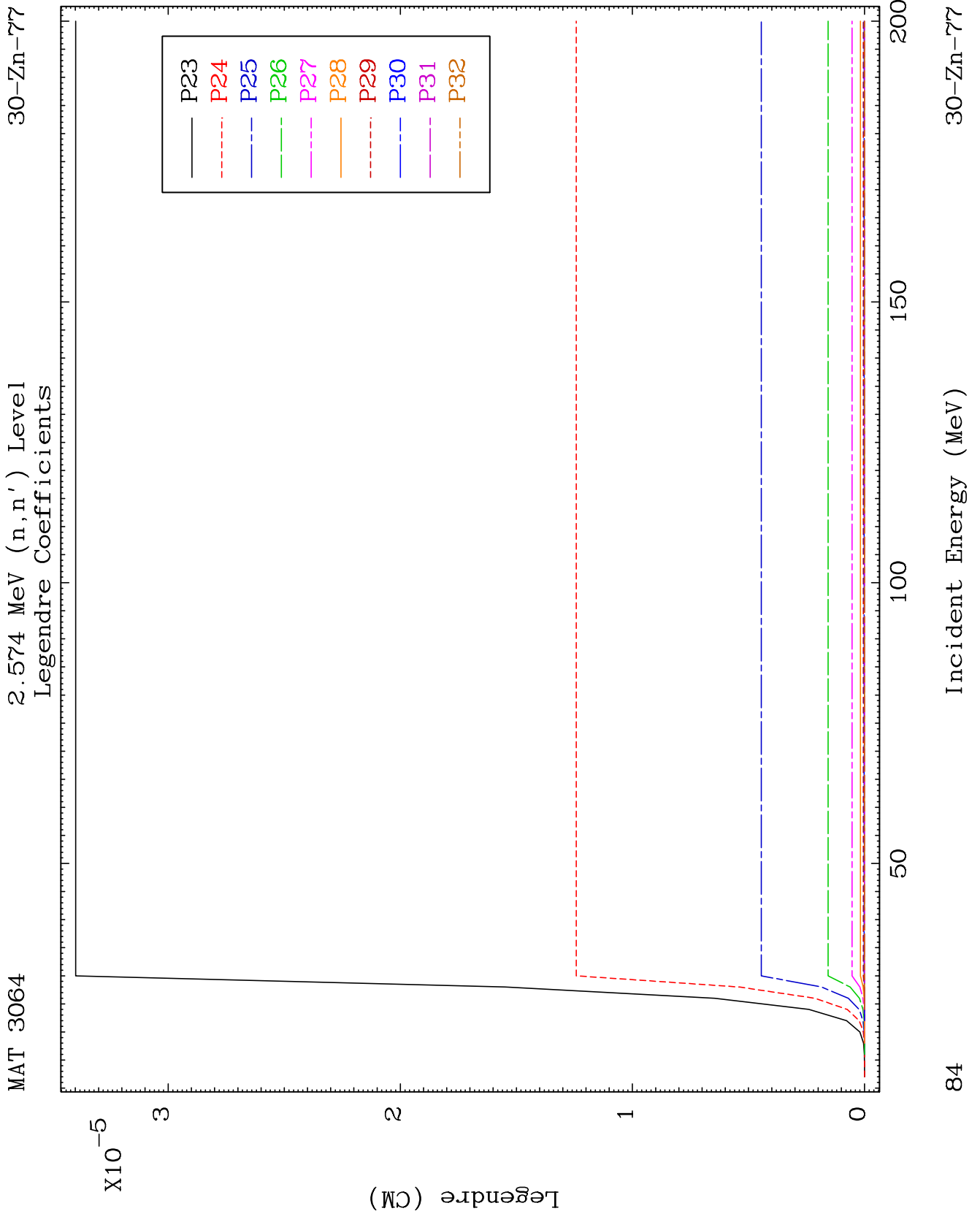
2.574 MeV (n,n') Level
Legendre Coefficients

30-Zn-77



82

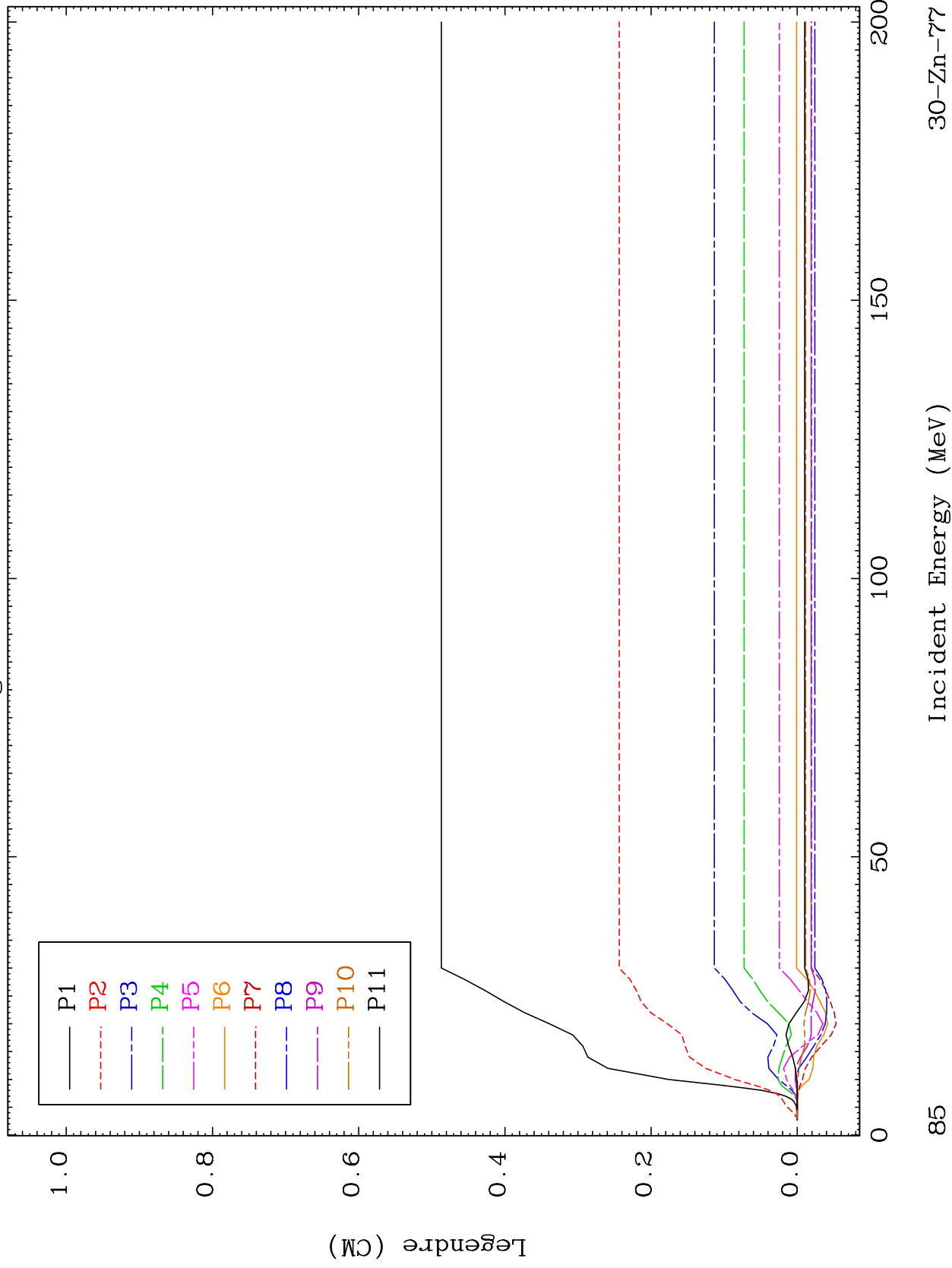




MAT 3064

2.654 MeV (n,n') Level
Legendre Coefficients

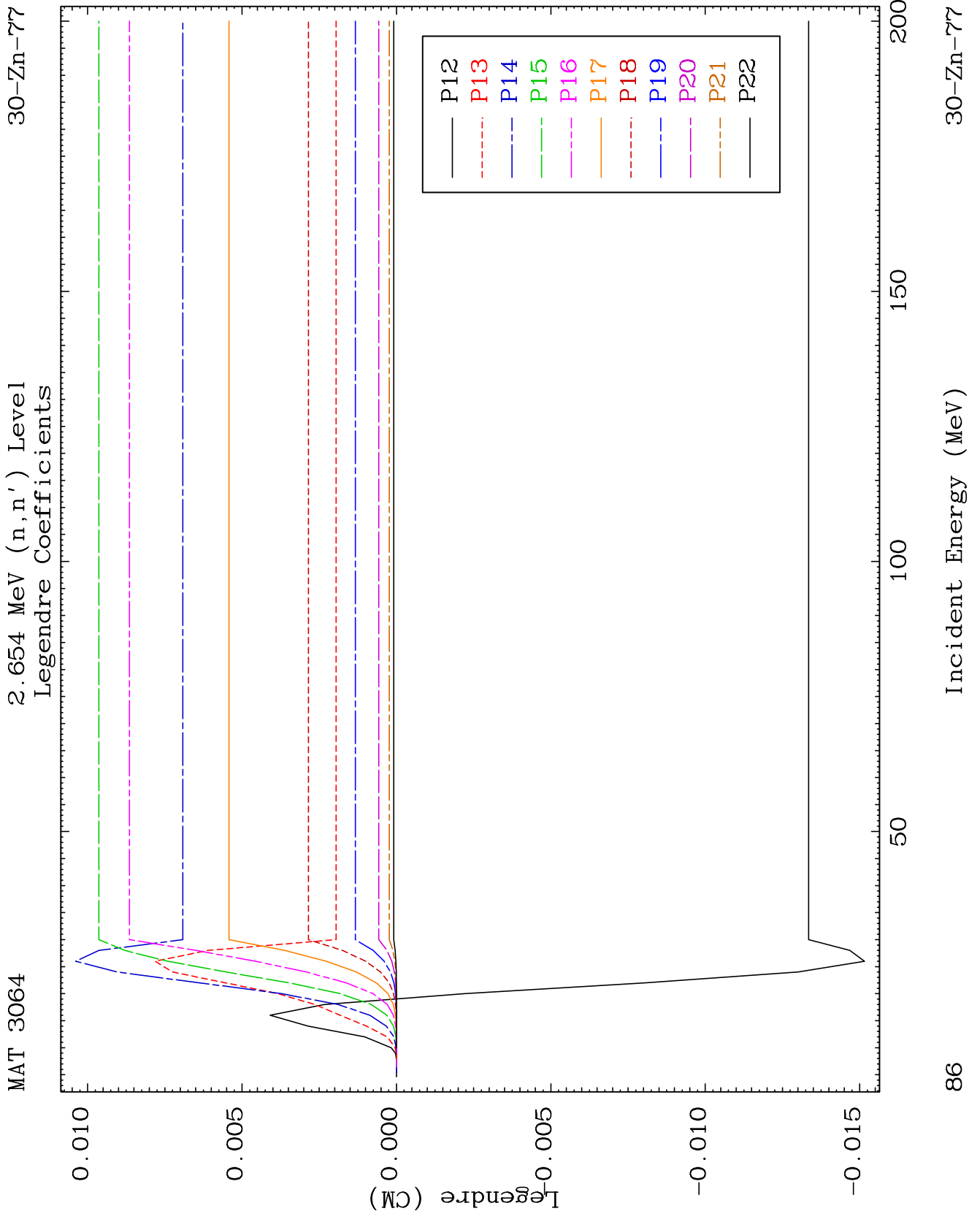
30-Zn-77

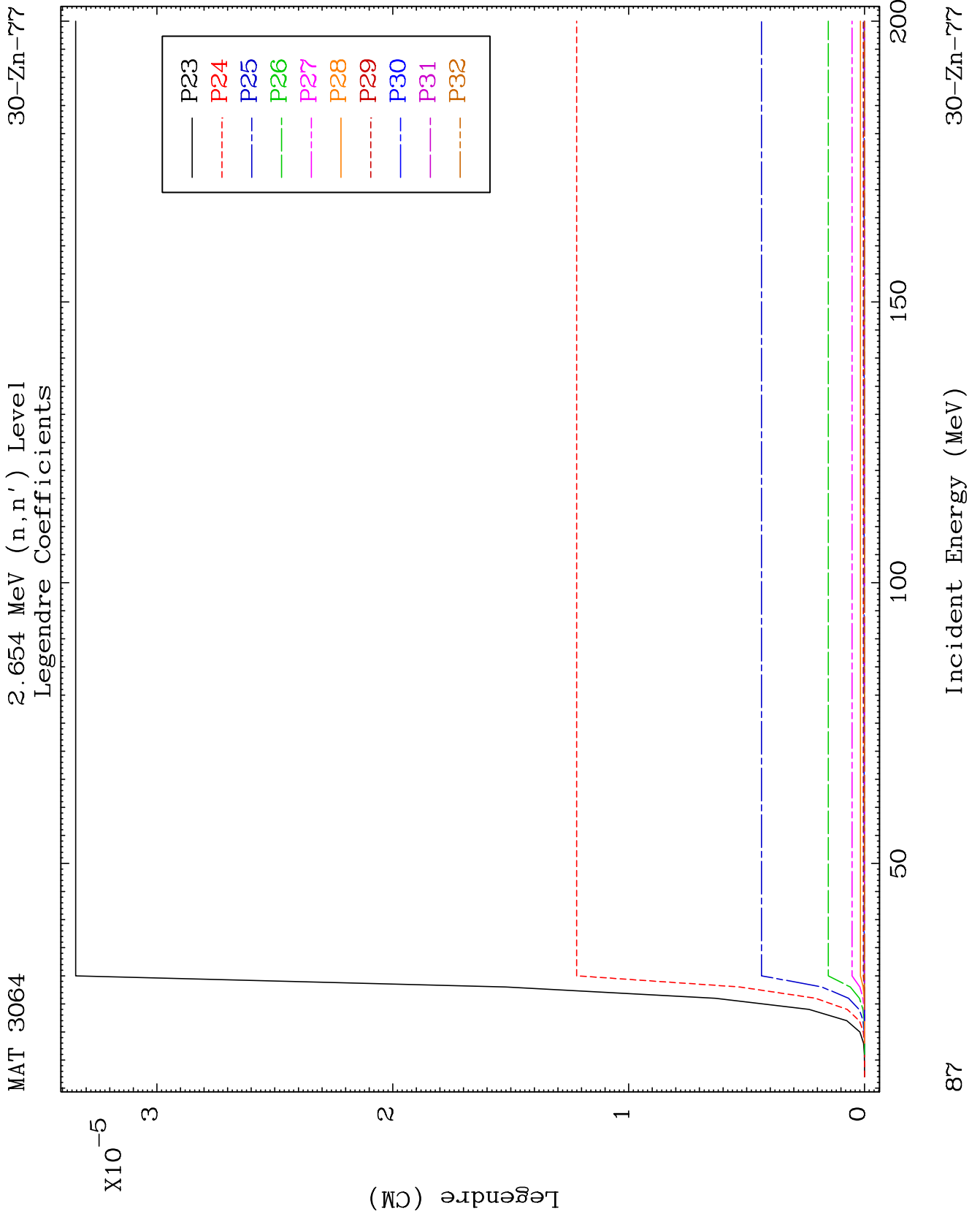


30-Zn-77

Incident Energy (MeV)

85

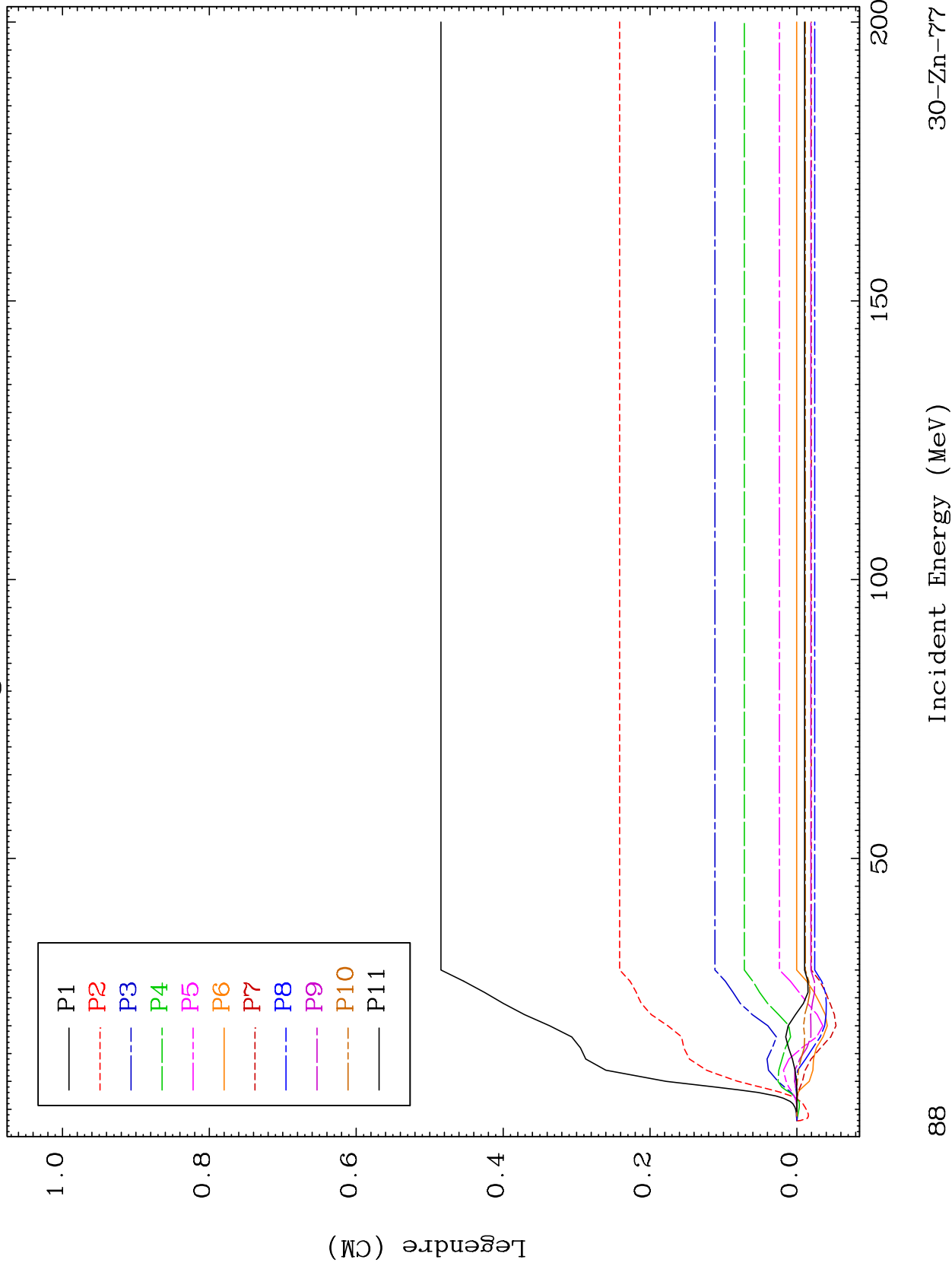




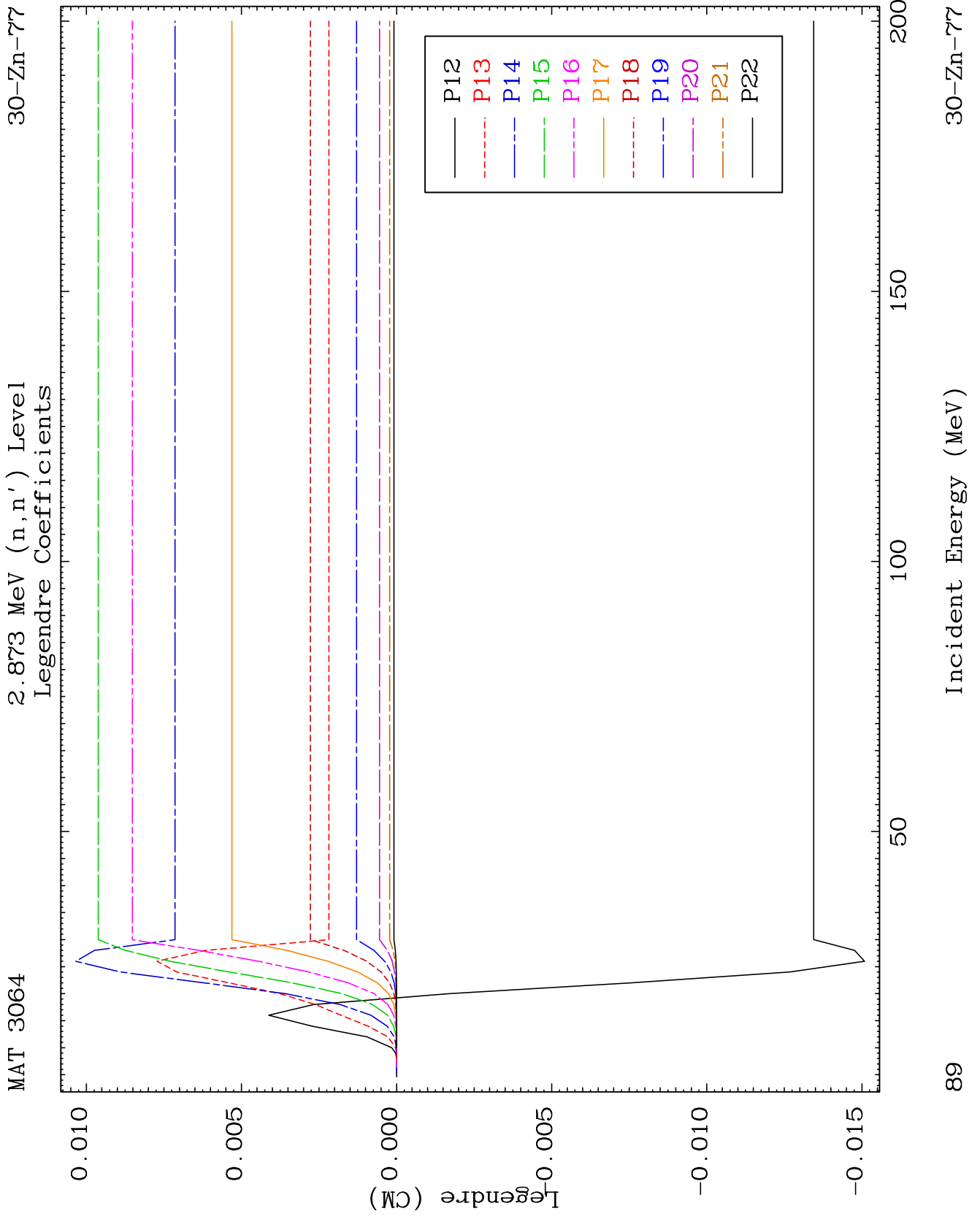
MAT 3064

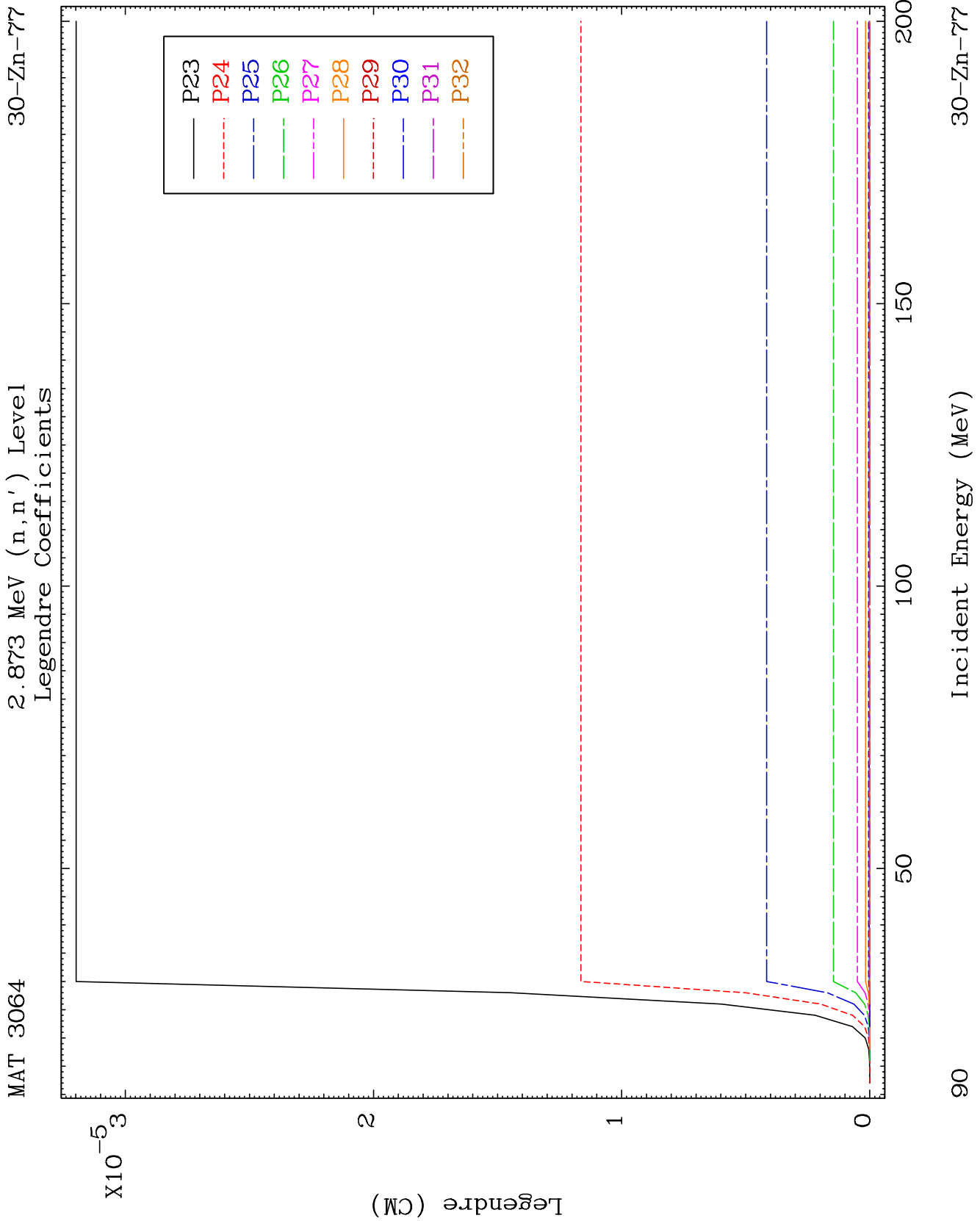
2.873 MeV (n,n') Level
Legendre Coefficients

30-Zn-77



88

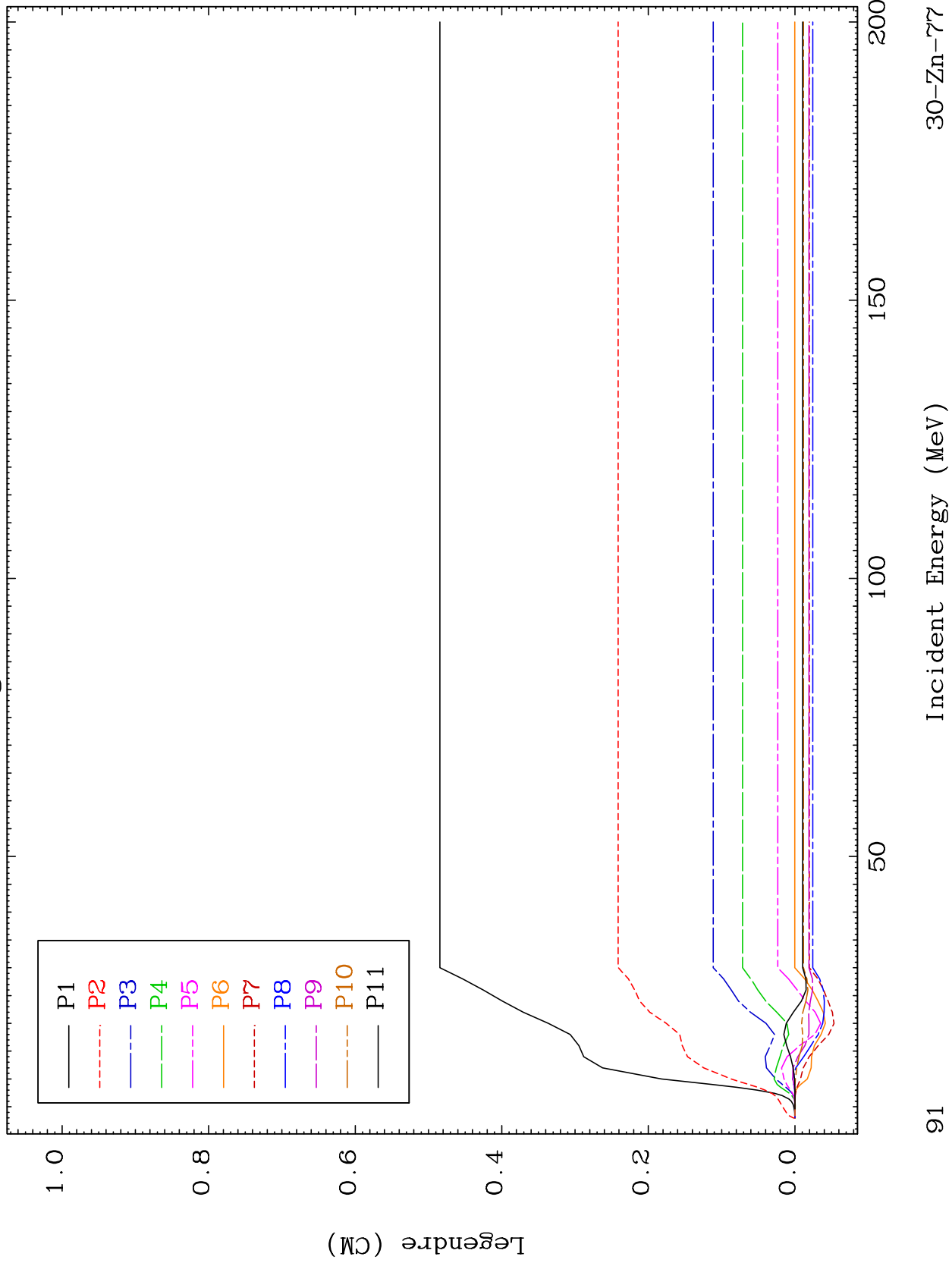




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2.892 MeV (n,n') Level
Legendre Coefficients

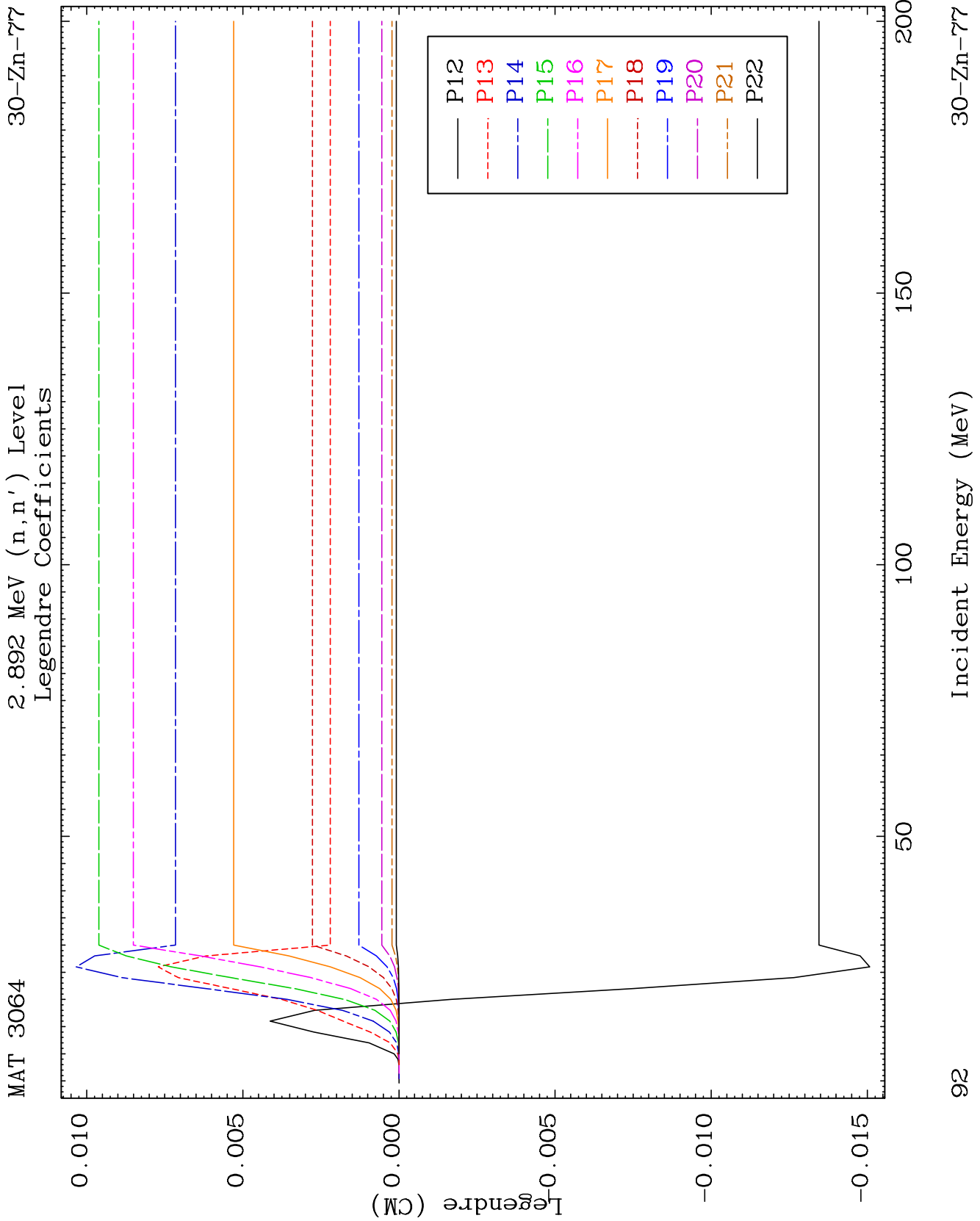
30-Zn-77

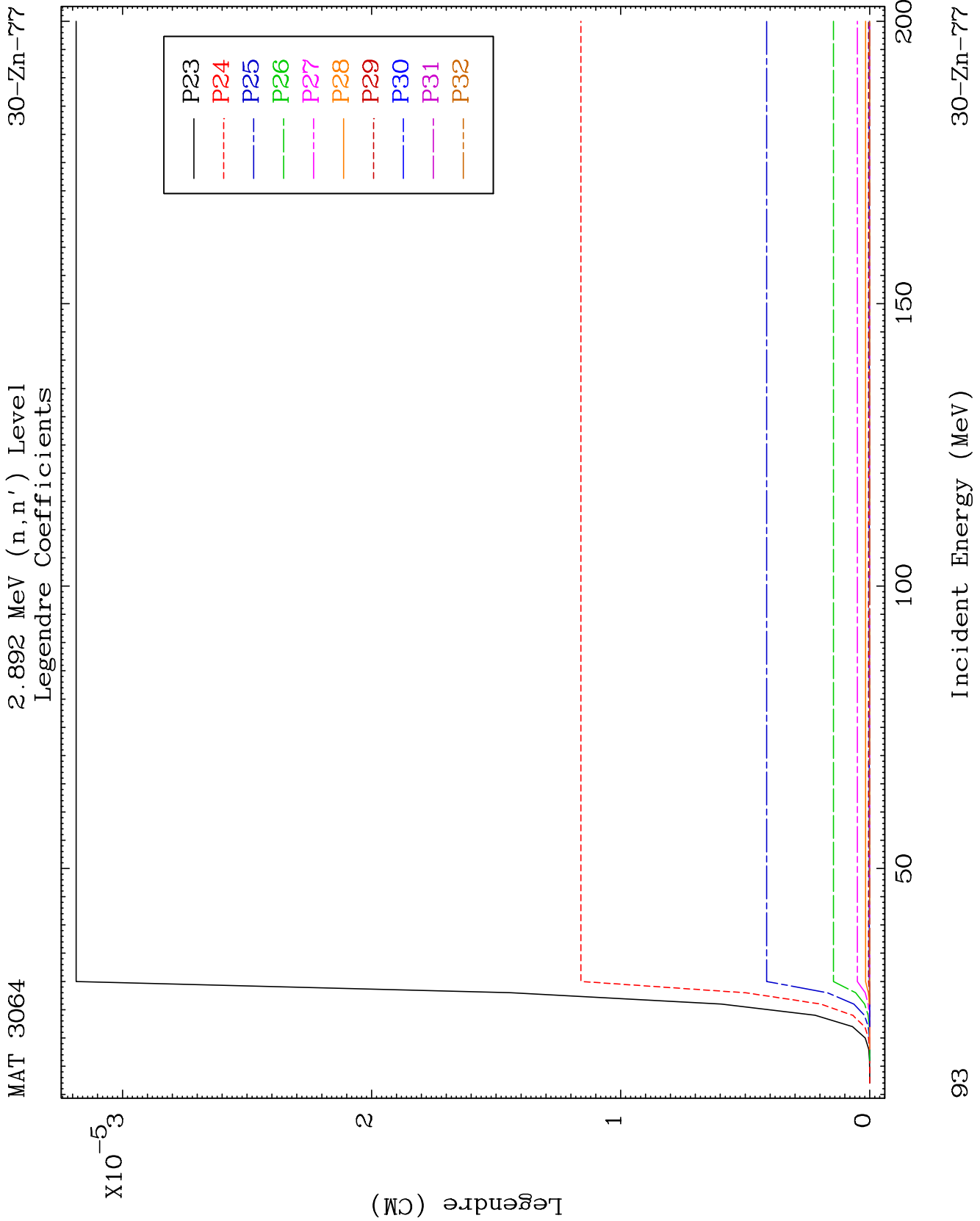


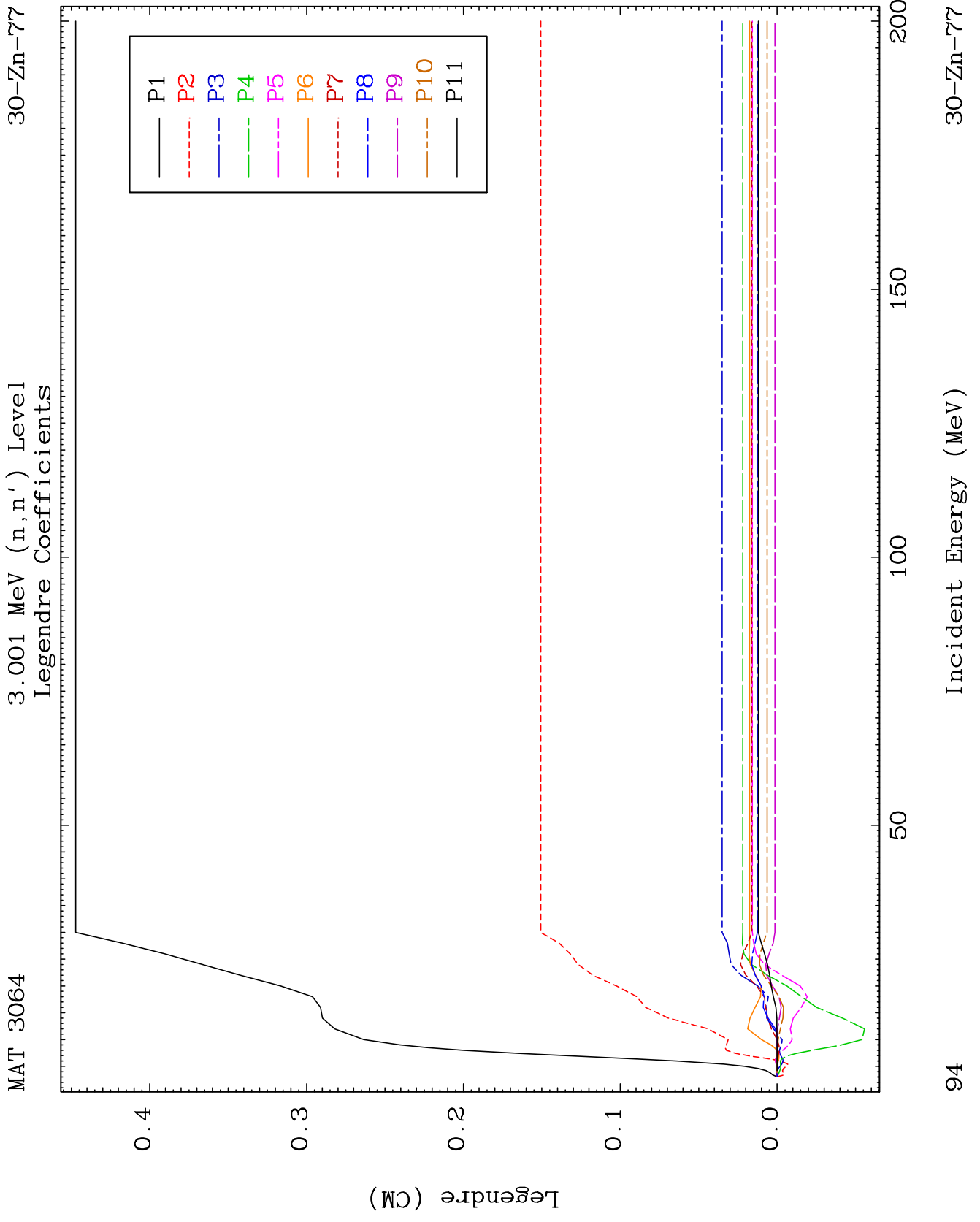
91

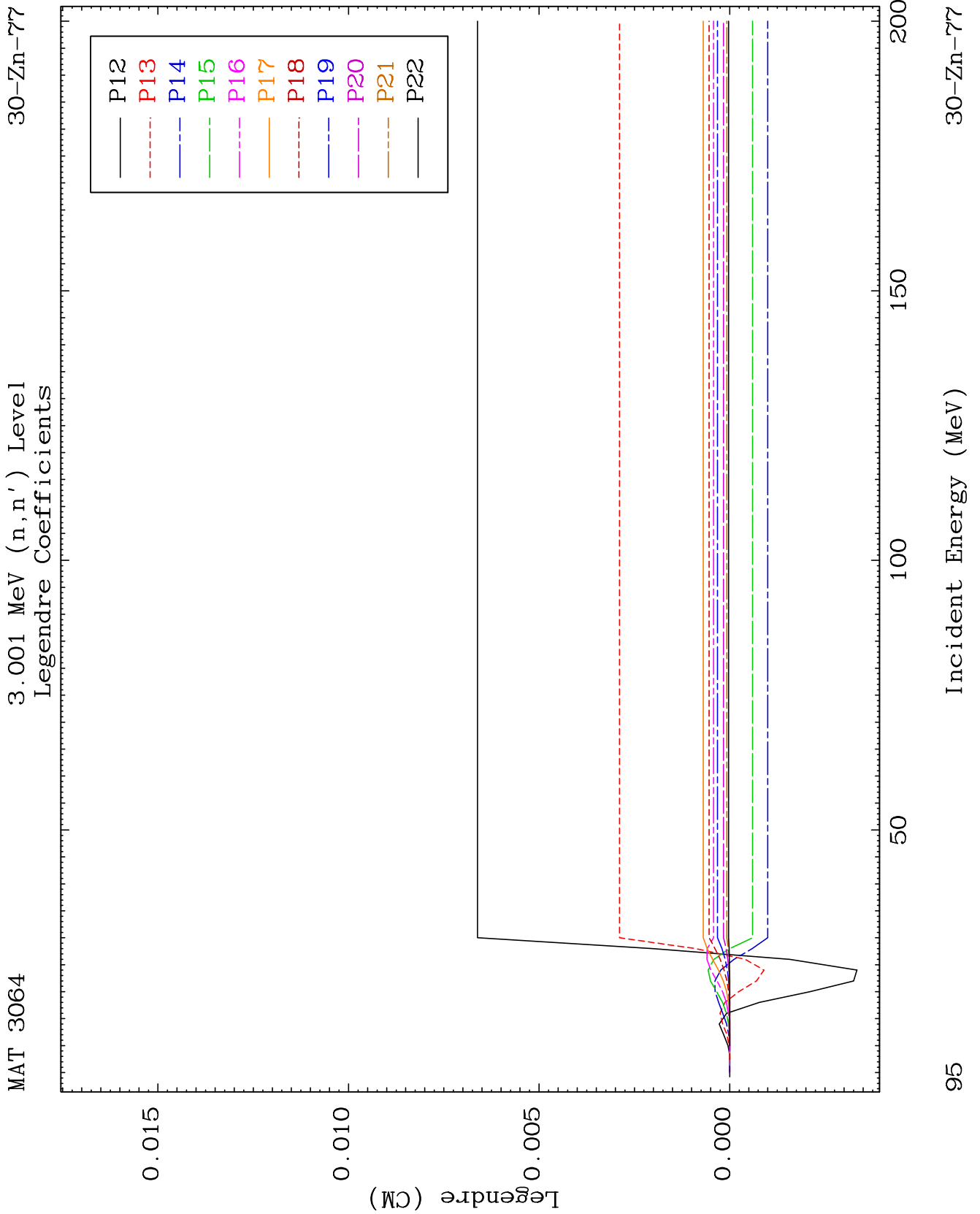
Incident Energy (MeV)

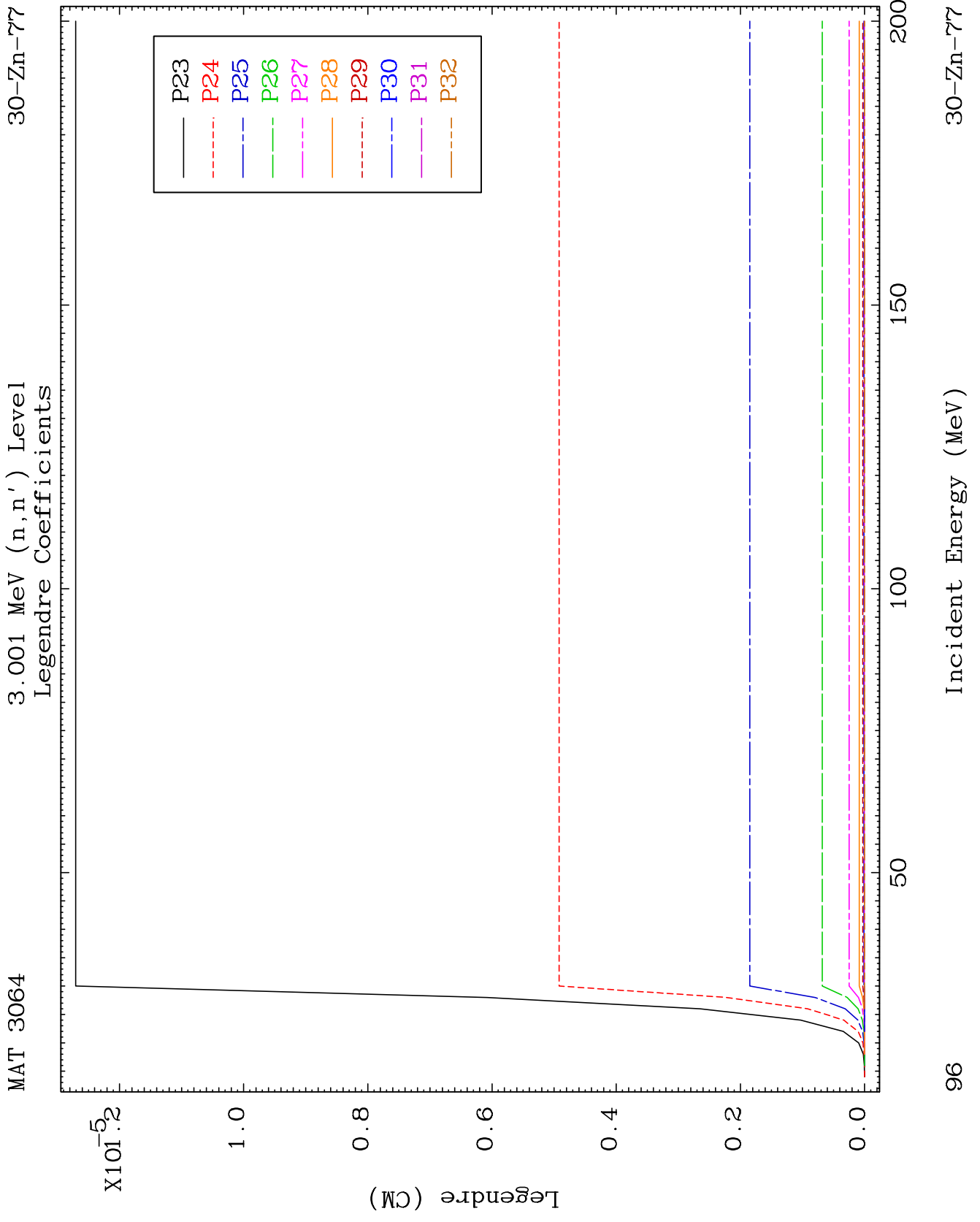
30-Zn-77

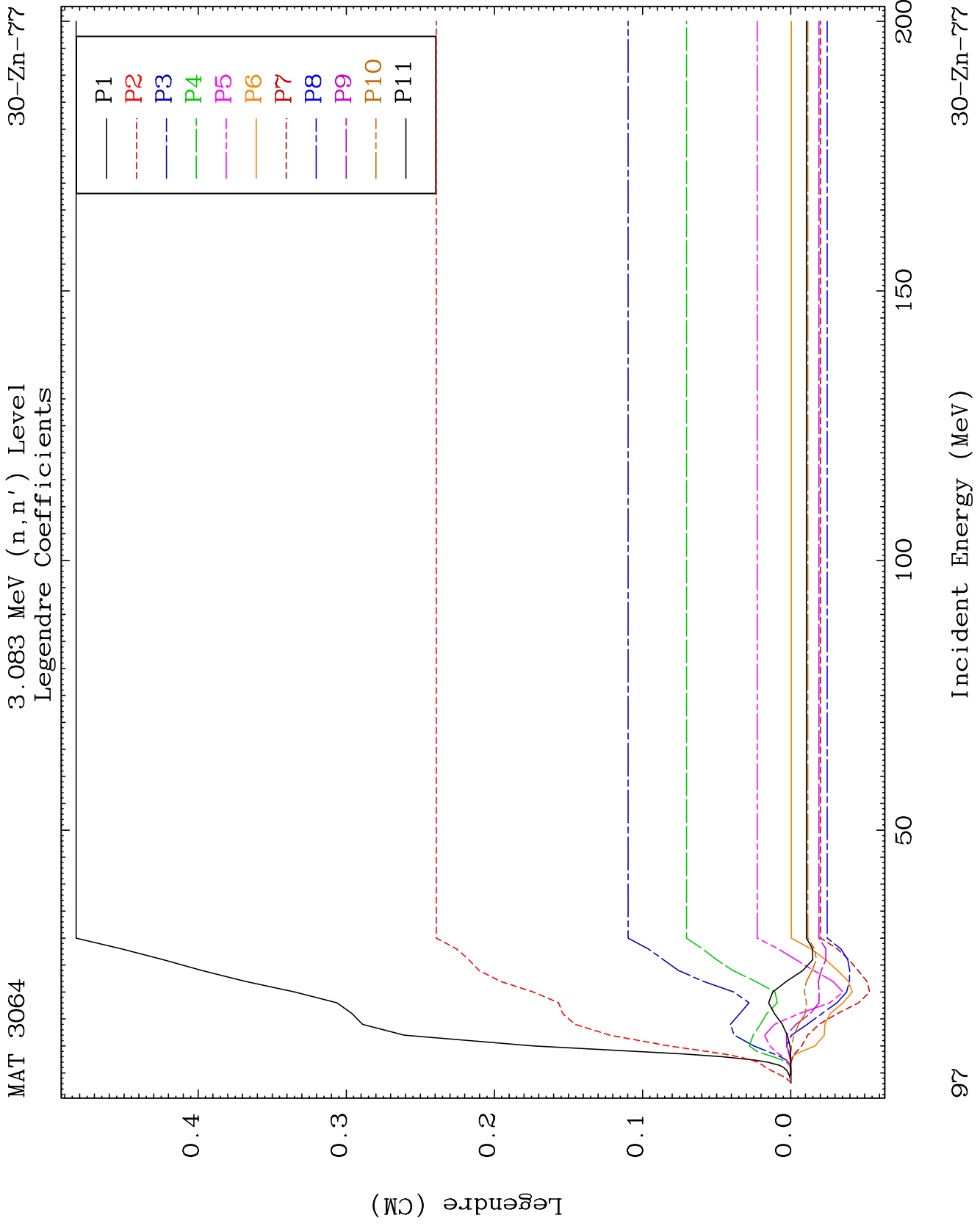


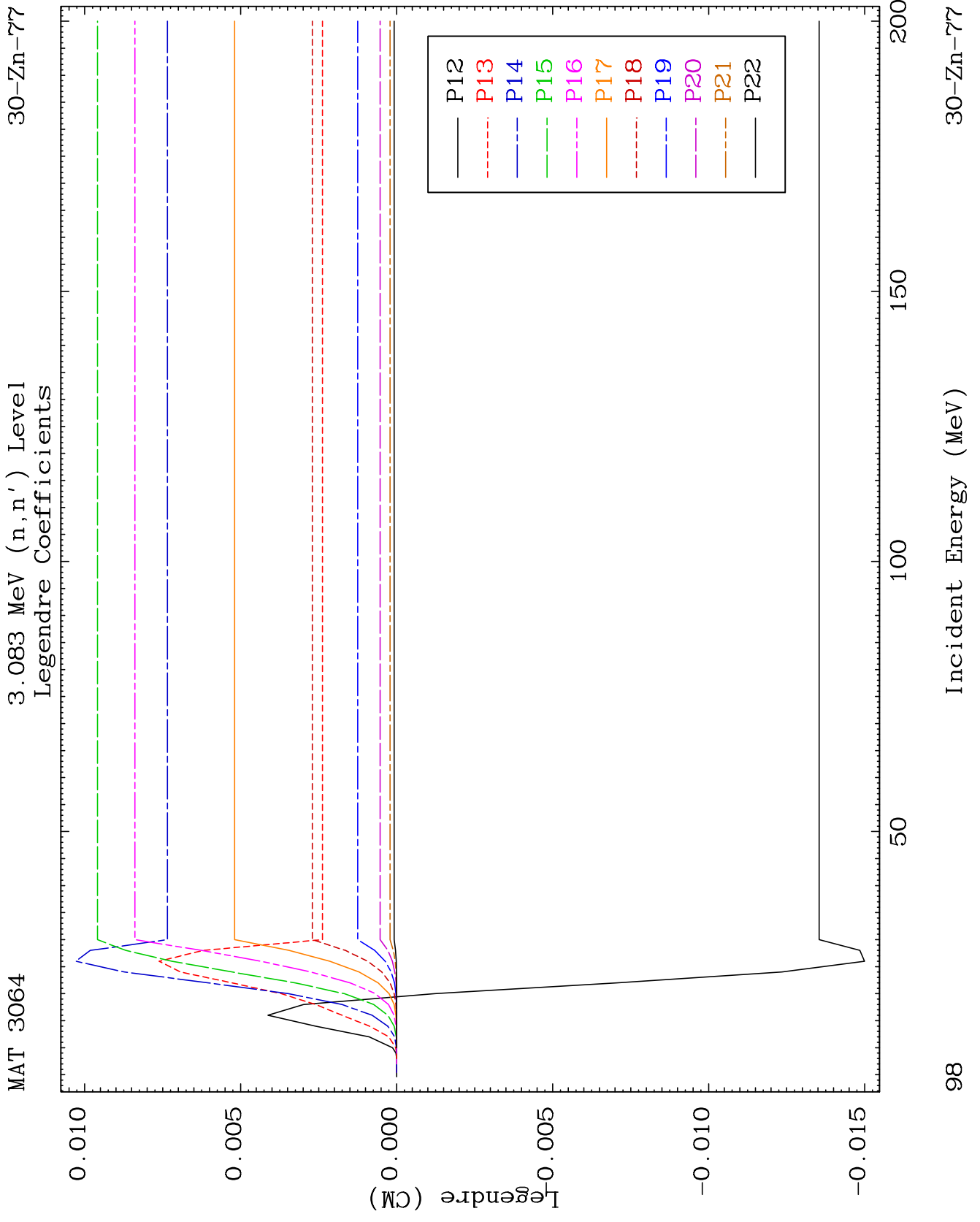


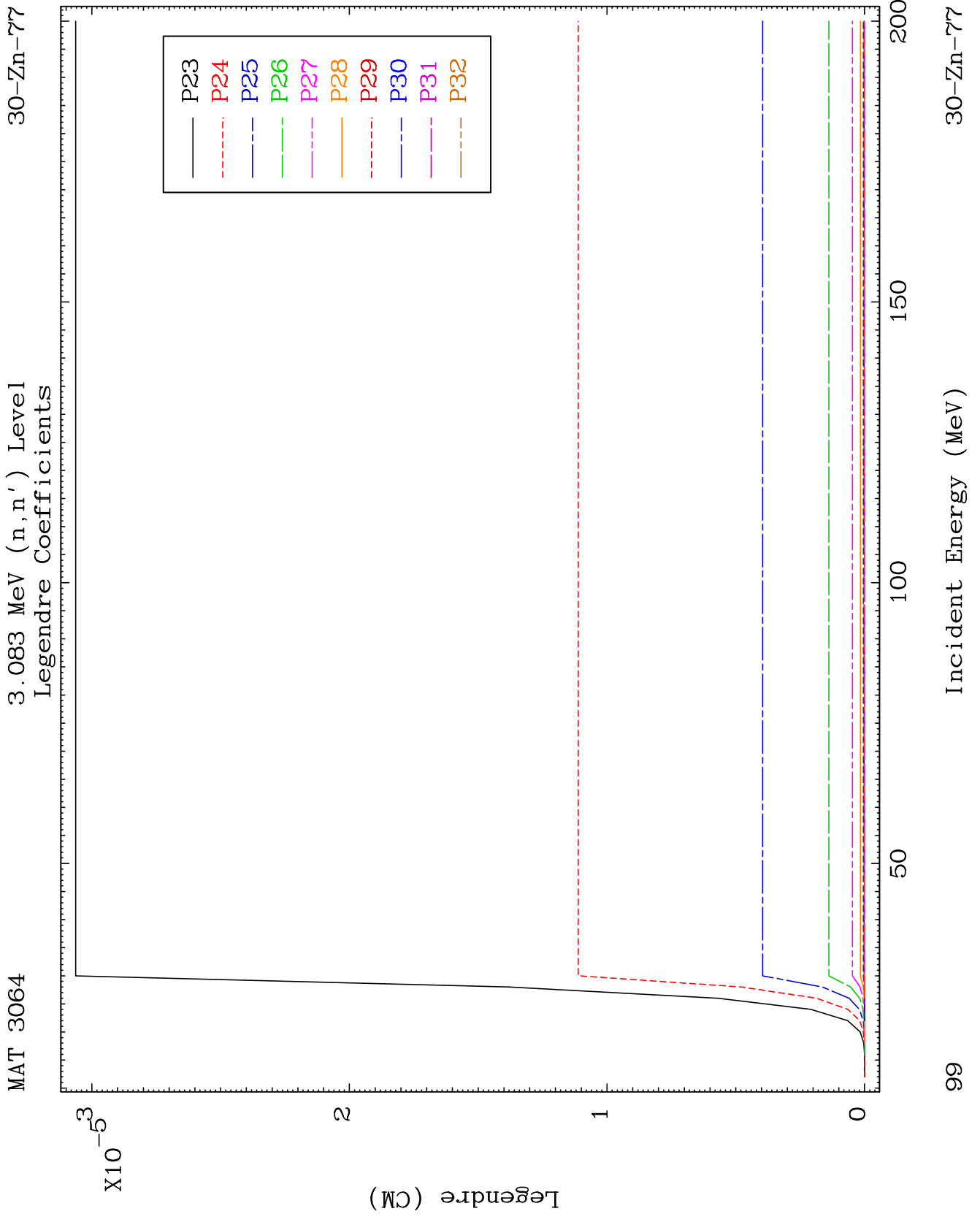


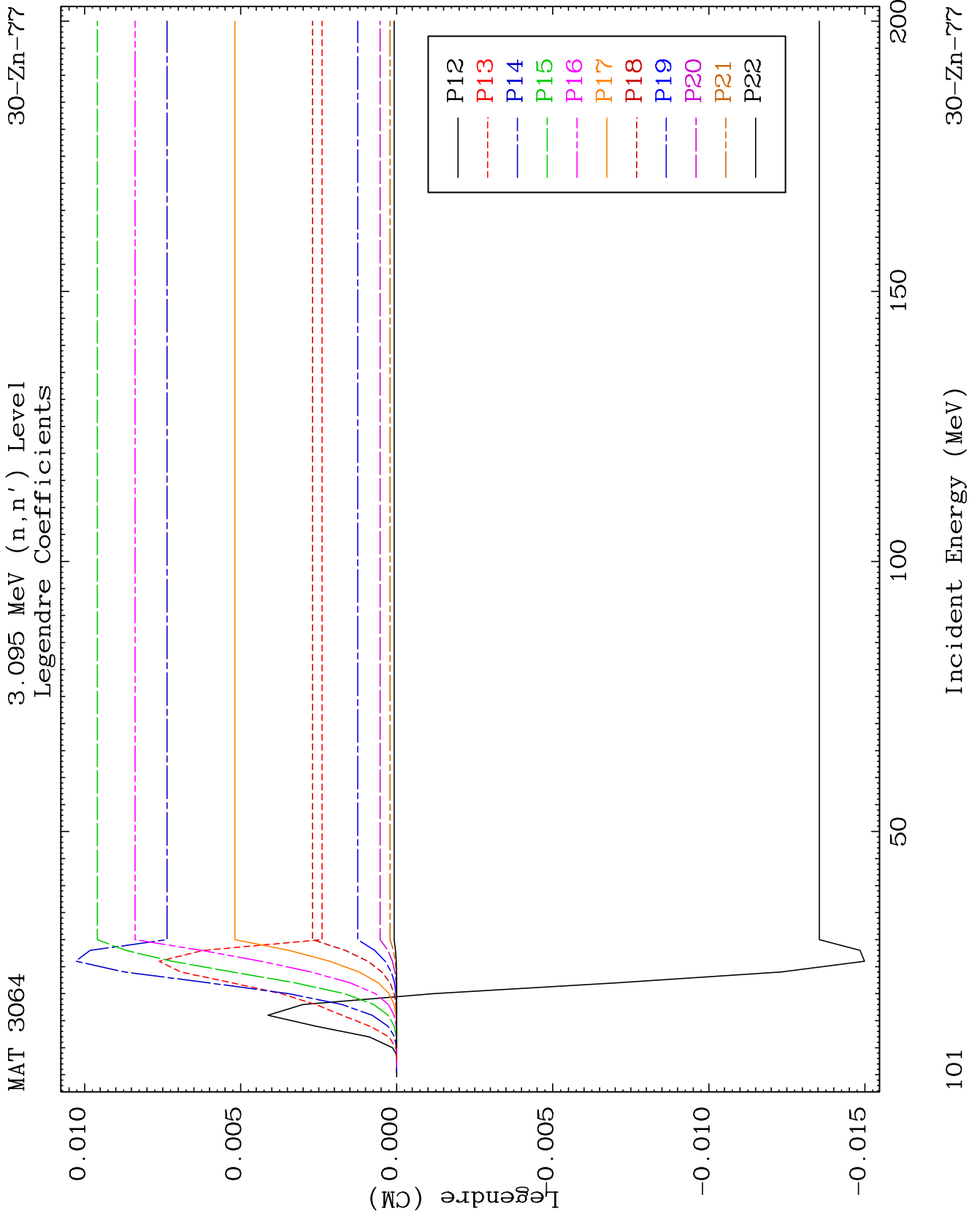


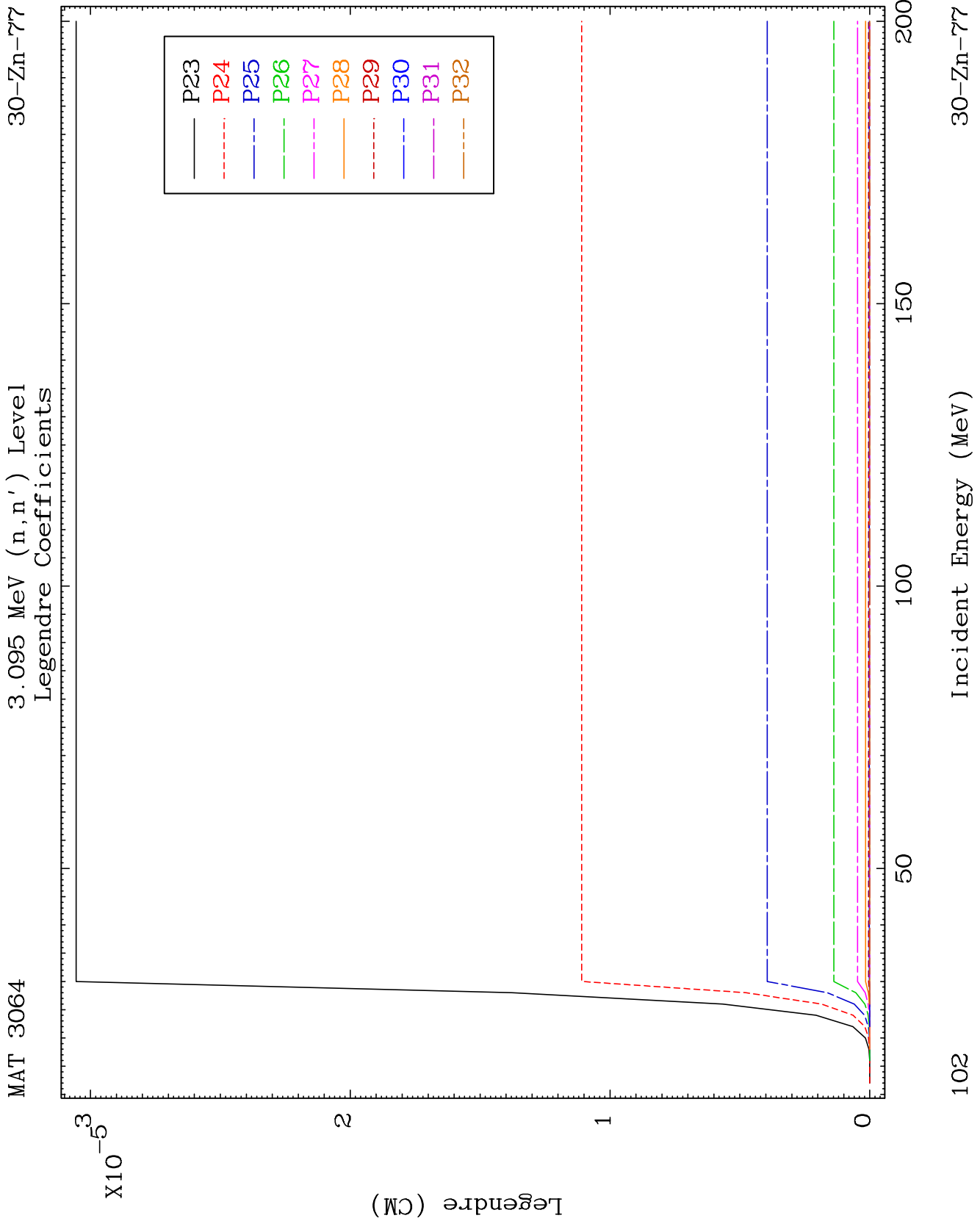


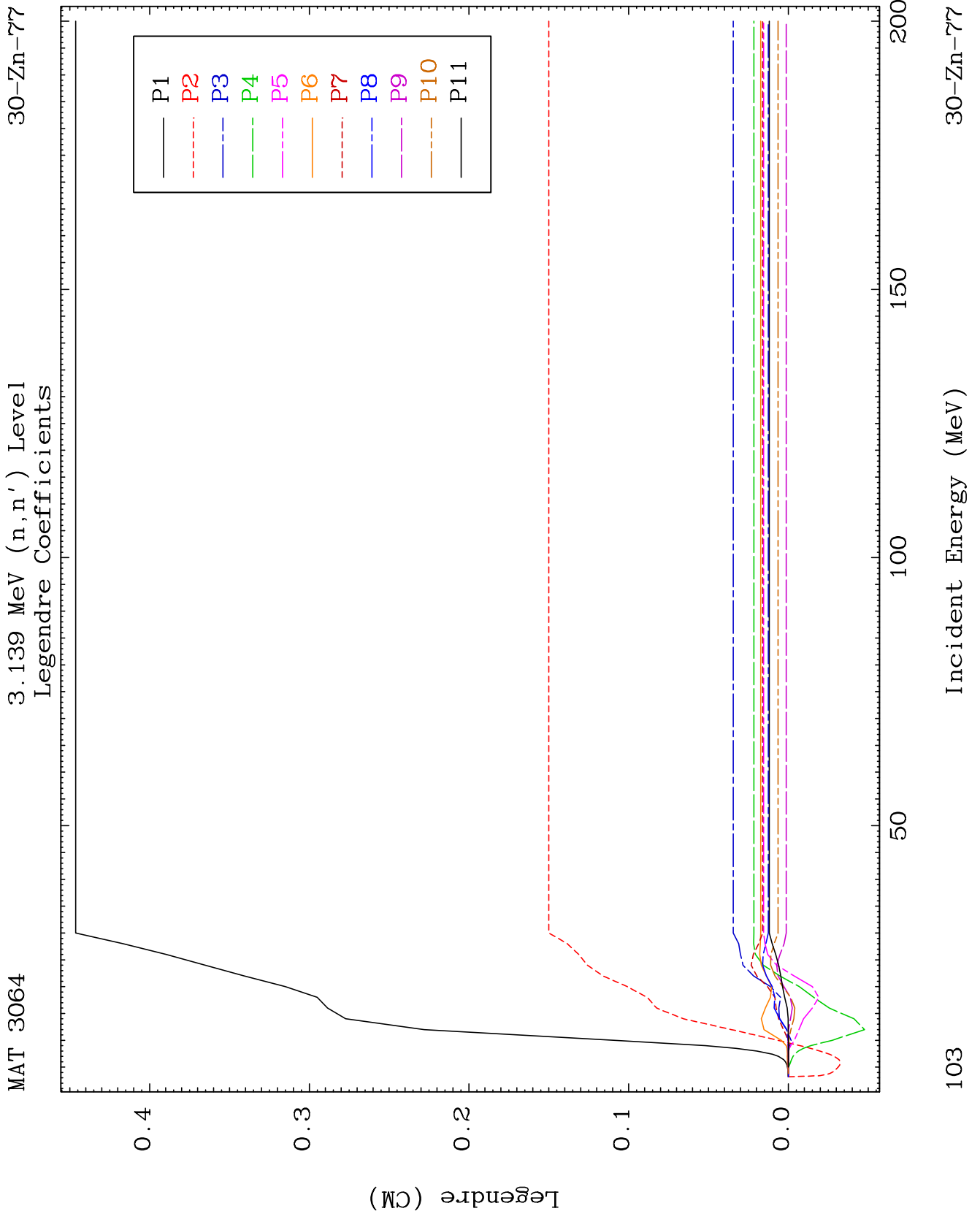








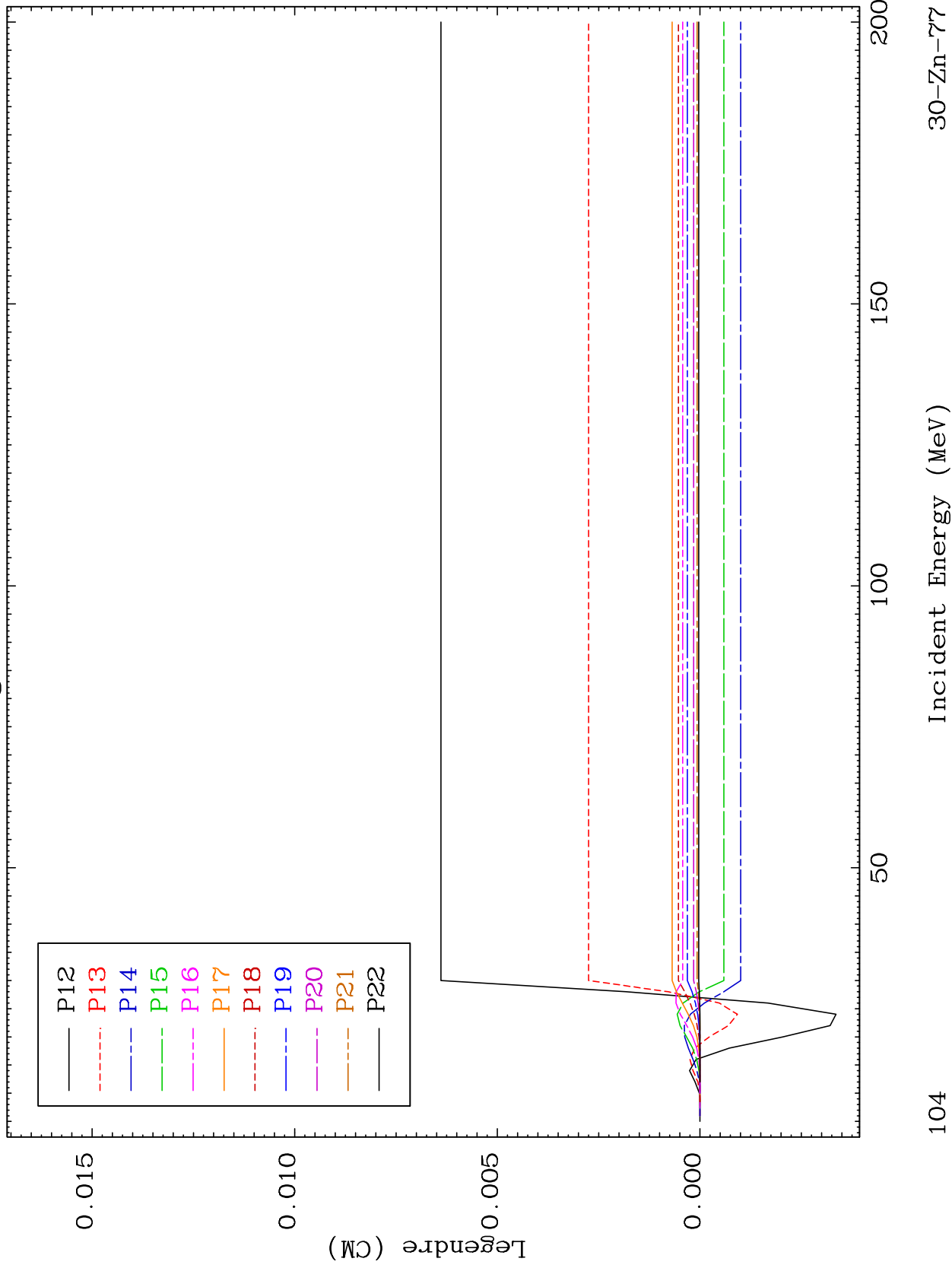




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3.139 MeV (n,n') Level
Legendre Coefficients

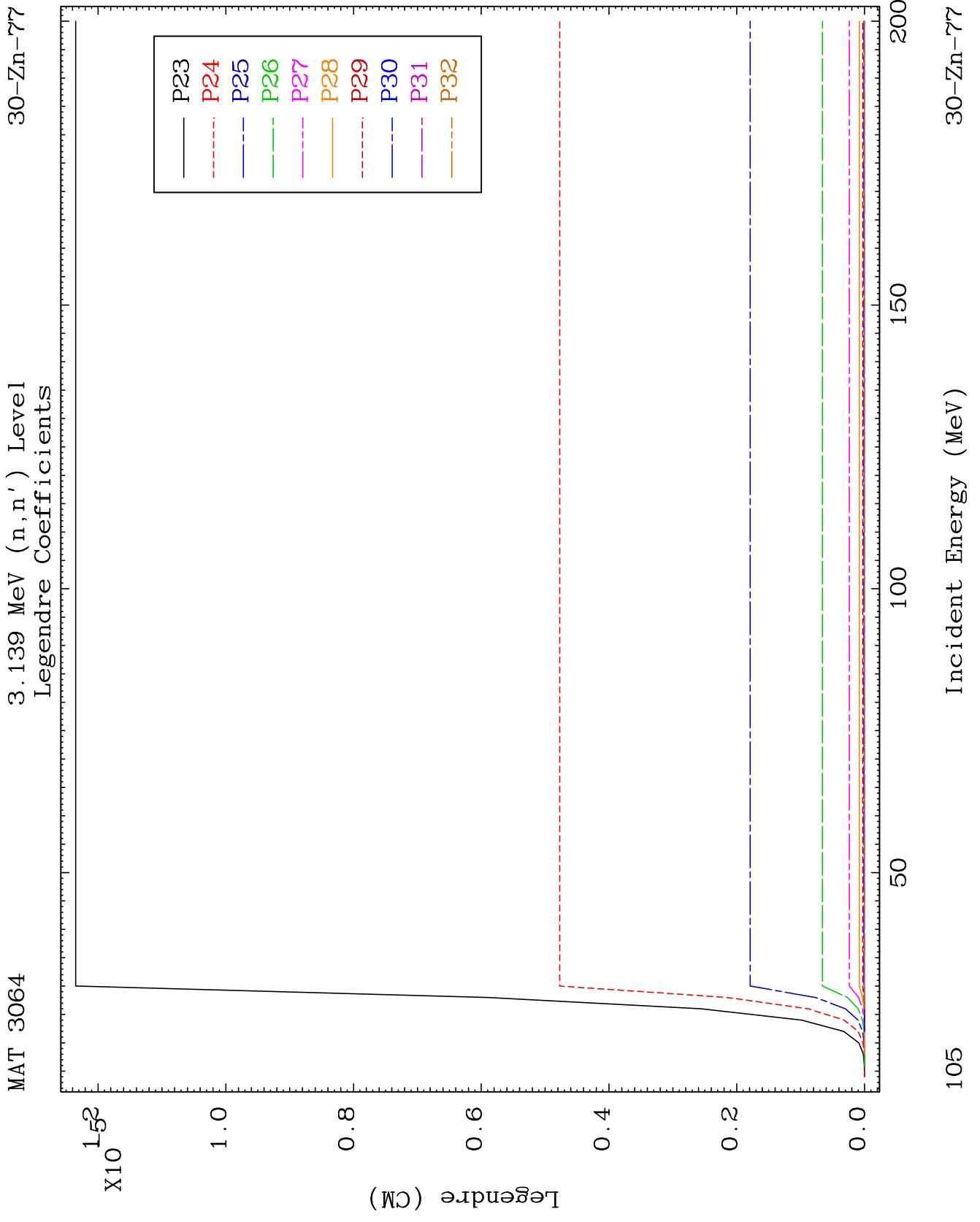
30-Zn-77

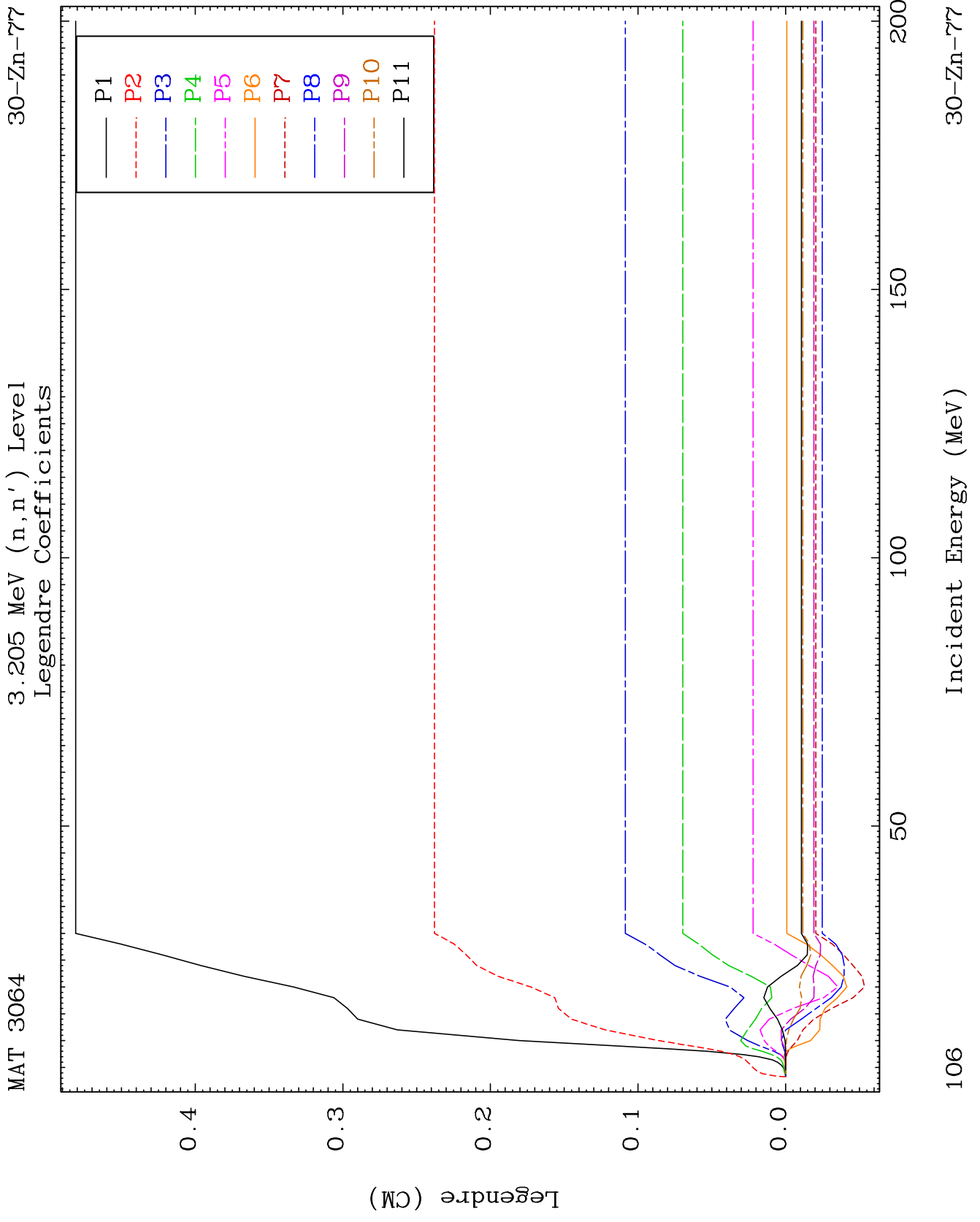


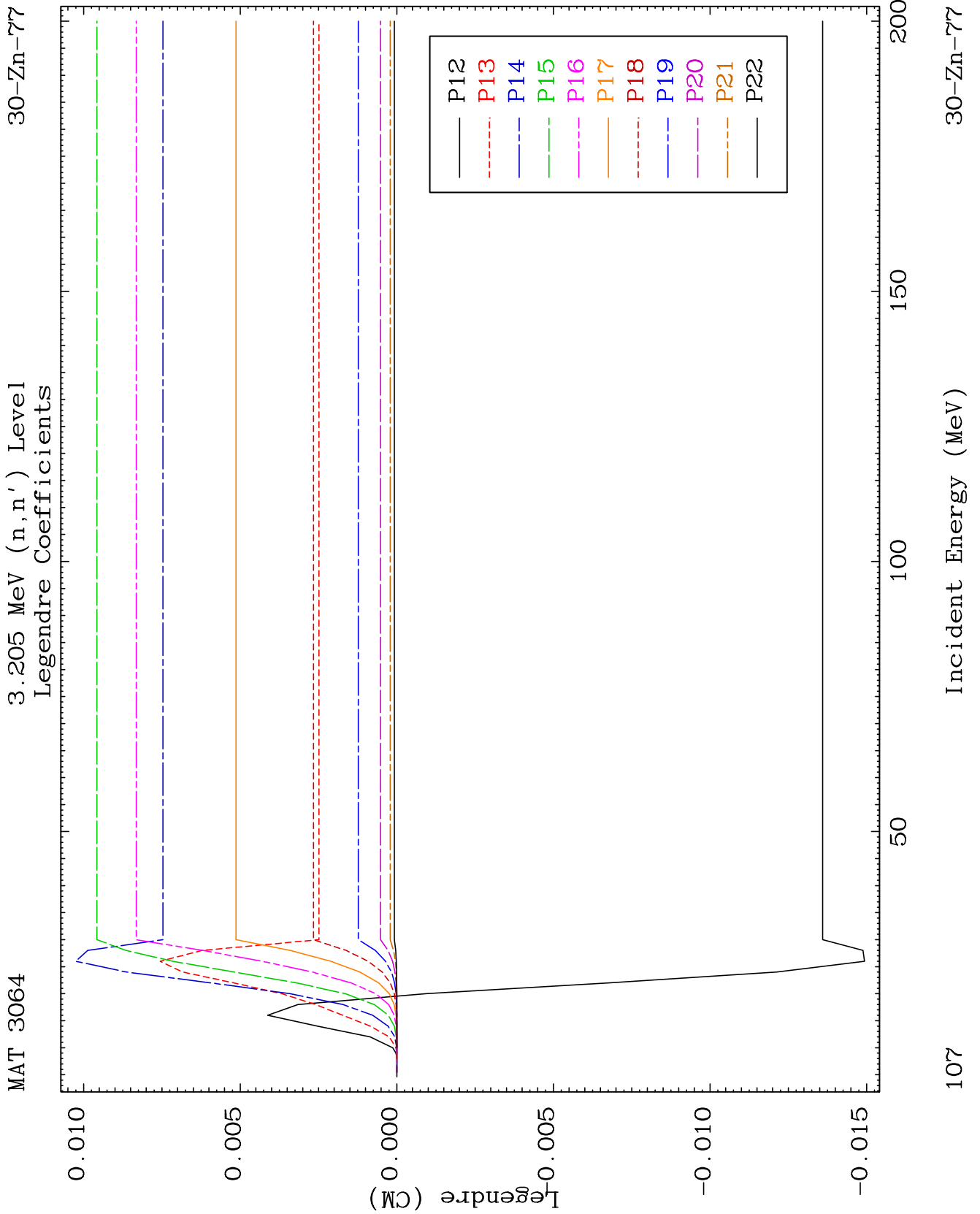
104

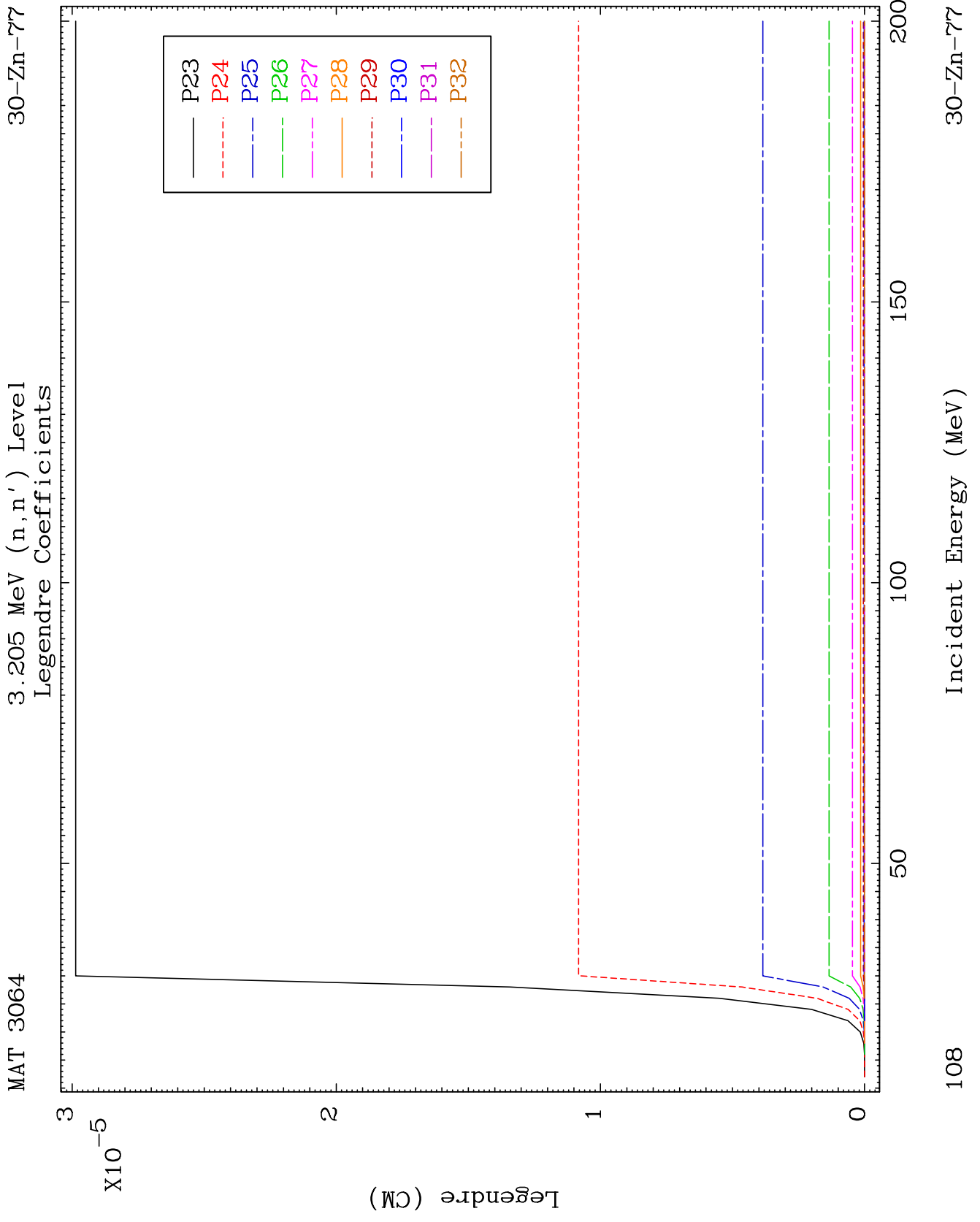
Incident Energy (MeV)

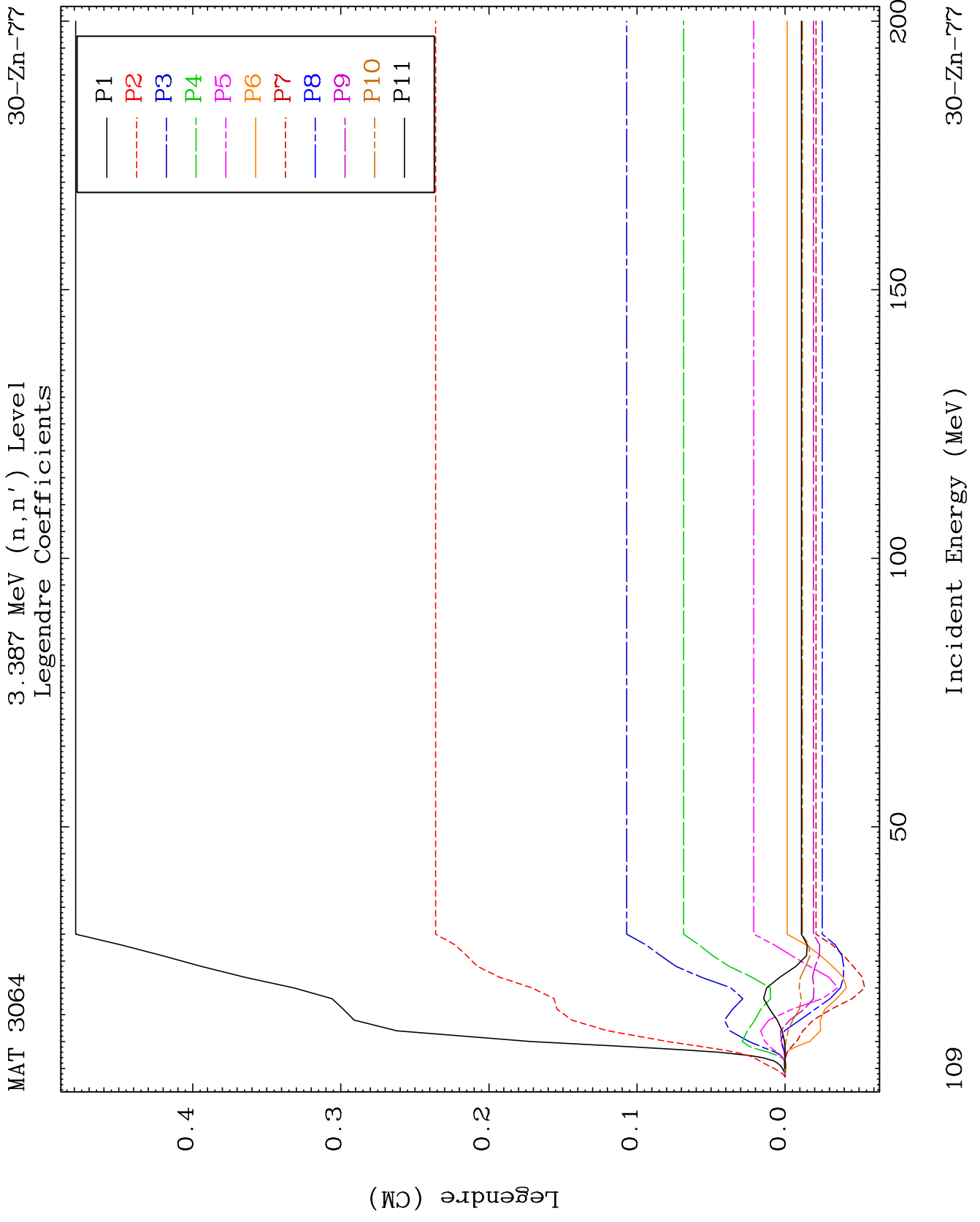
30-Zn-77

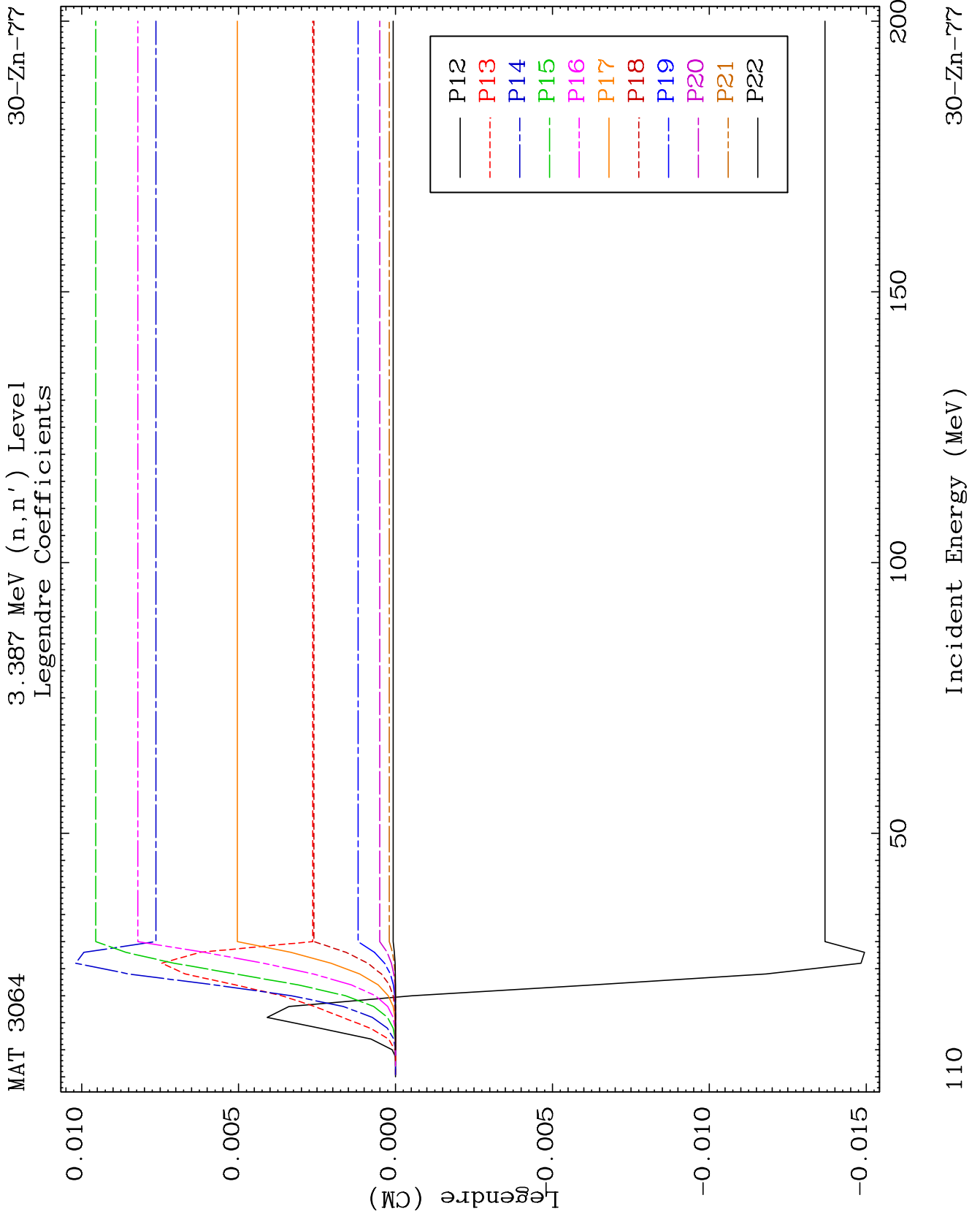


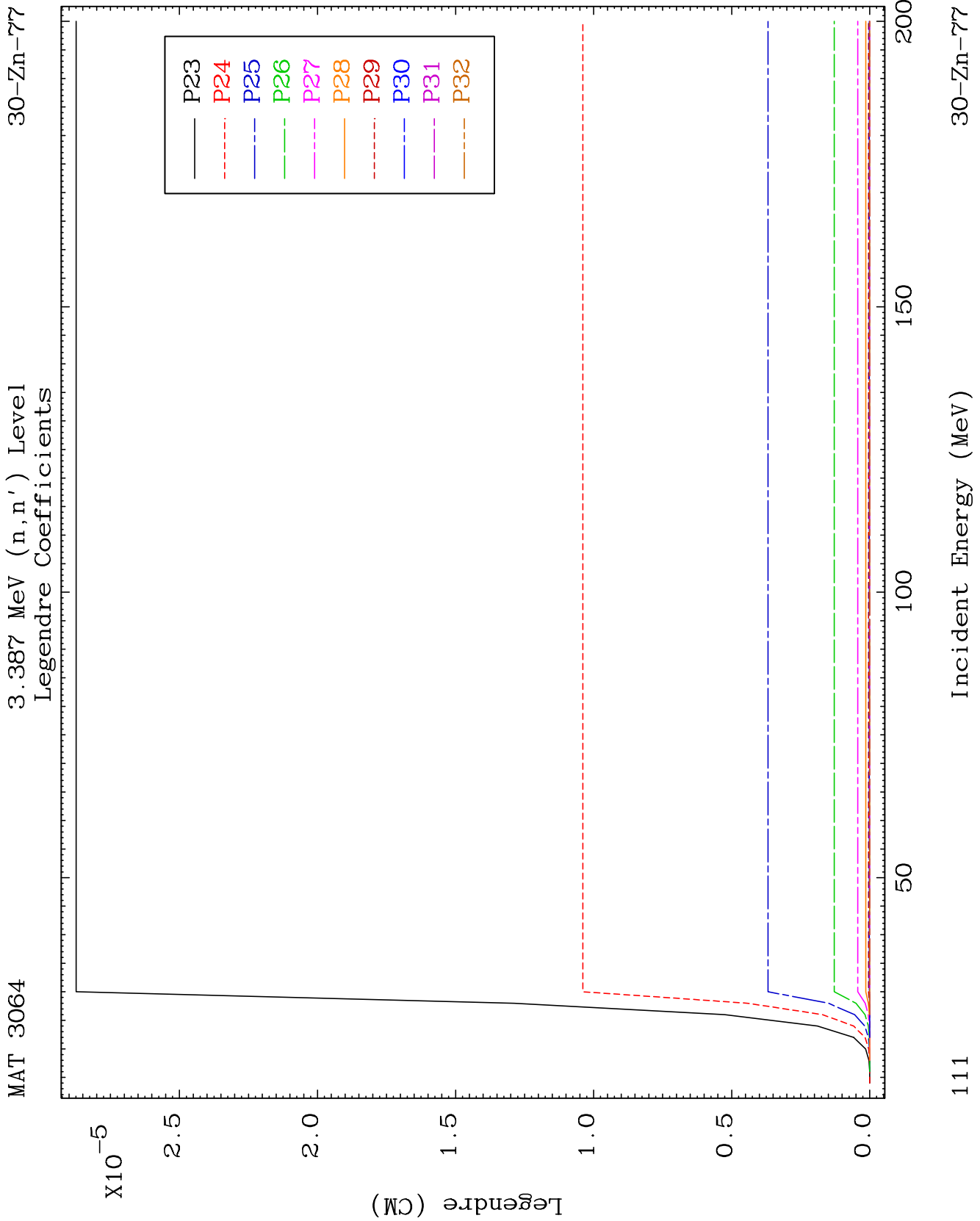


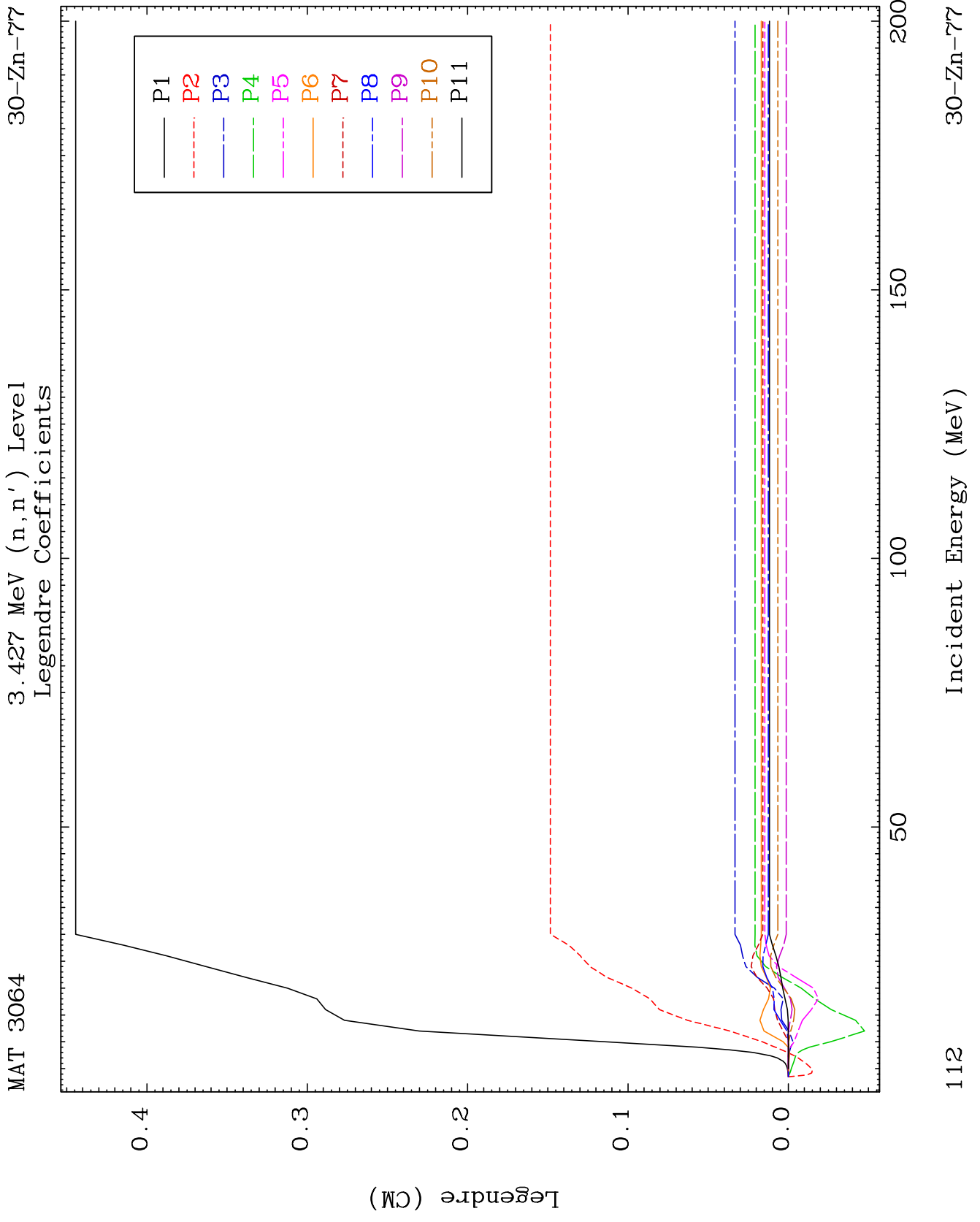








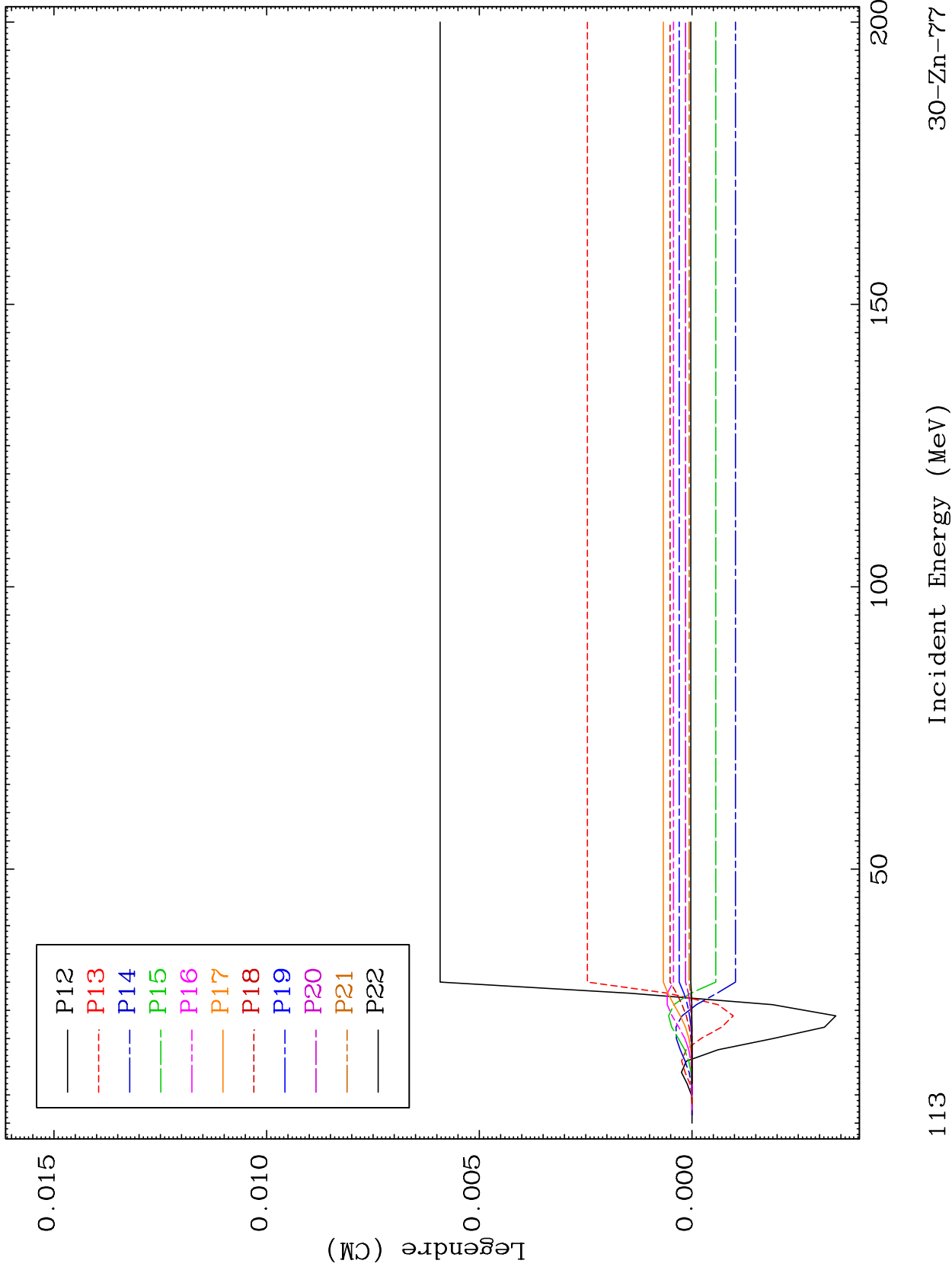




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3.427 MeV (n,n') Level
Legendre Coefficients

30-Zn-77



113

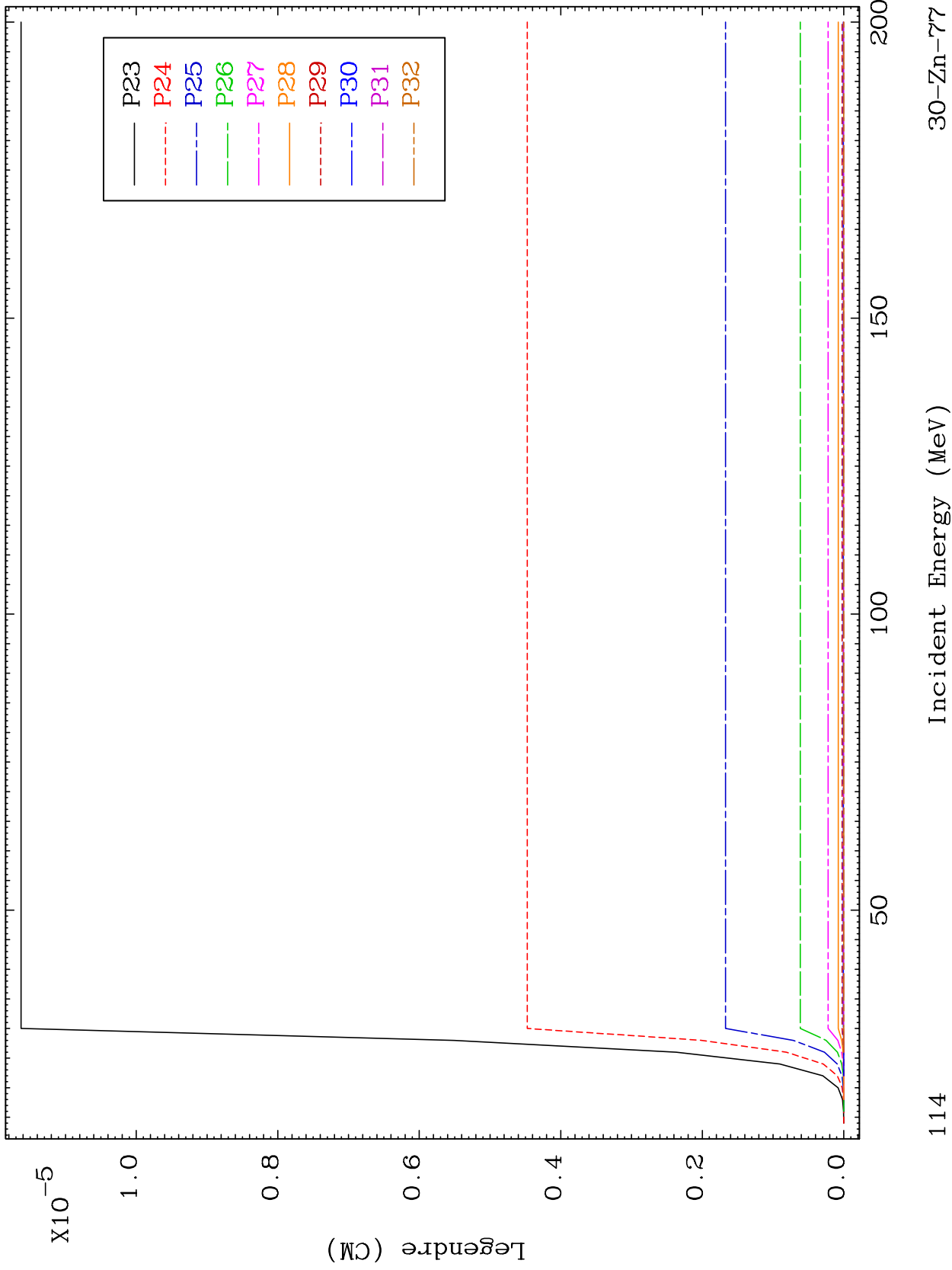
Incident Energy (MeV)

30-Zn-77

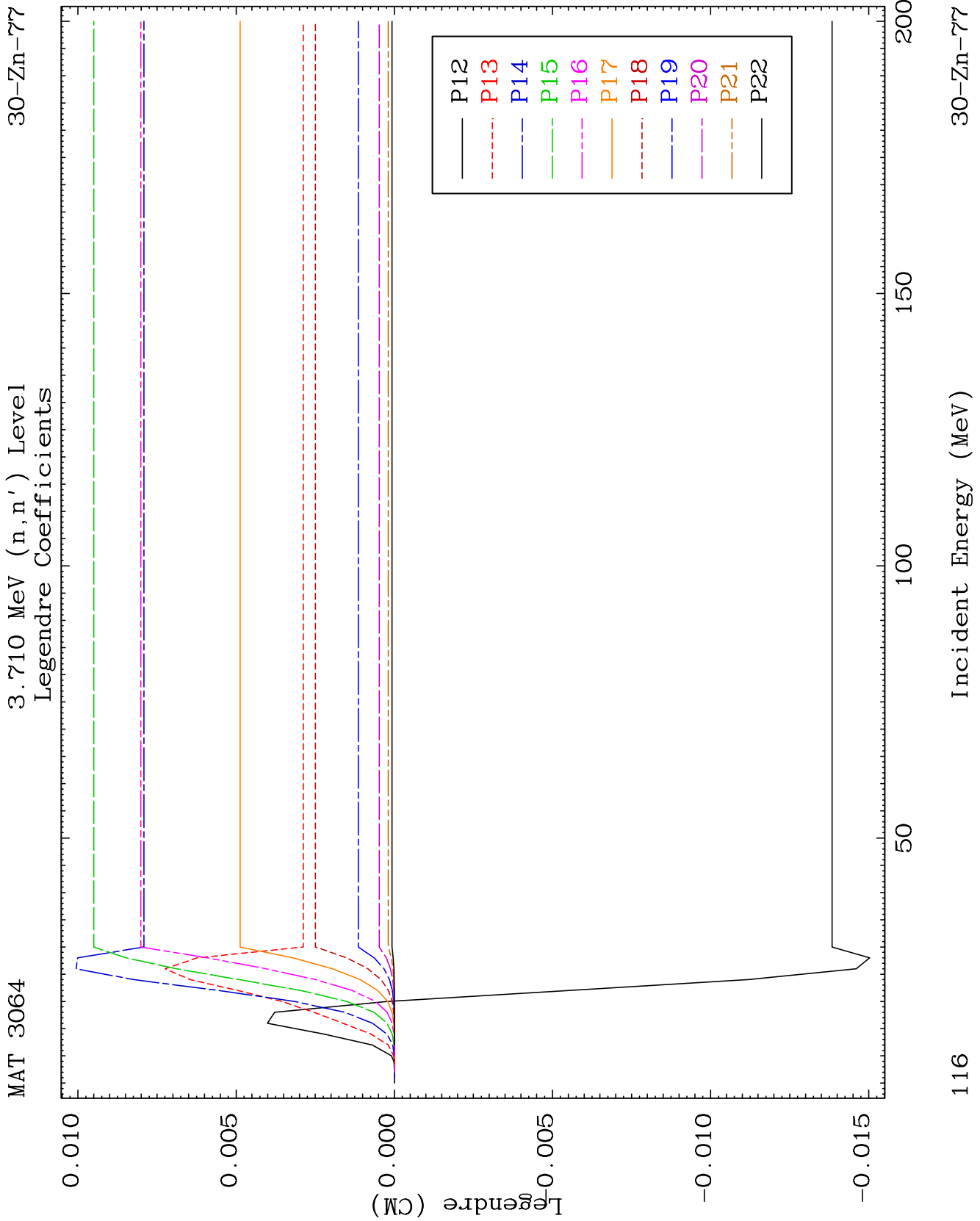
MAT 3064

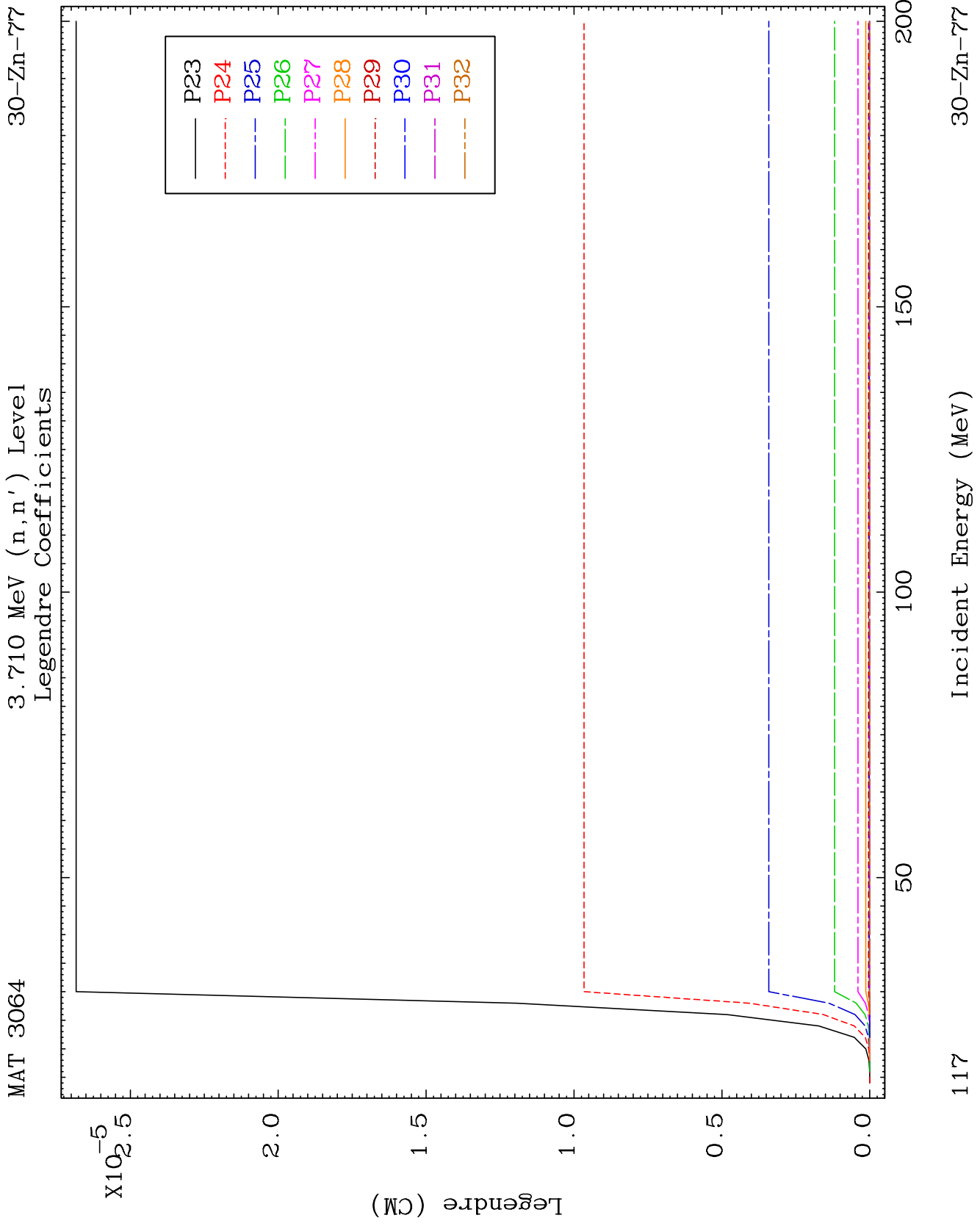
3.427 MeV (n,n') Level
Legendre Coefficients

30-Zn-77



114

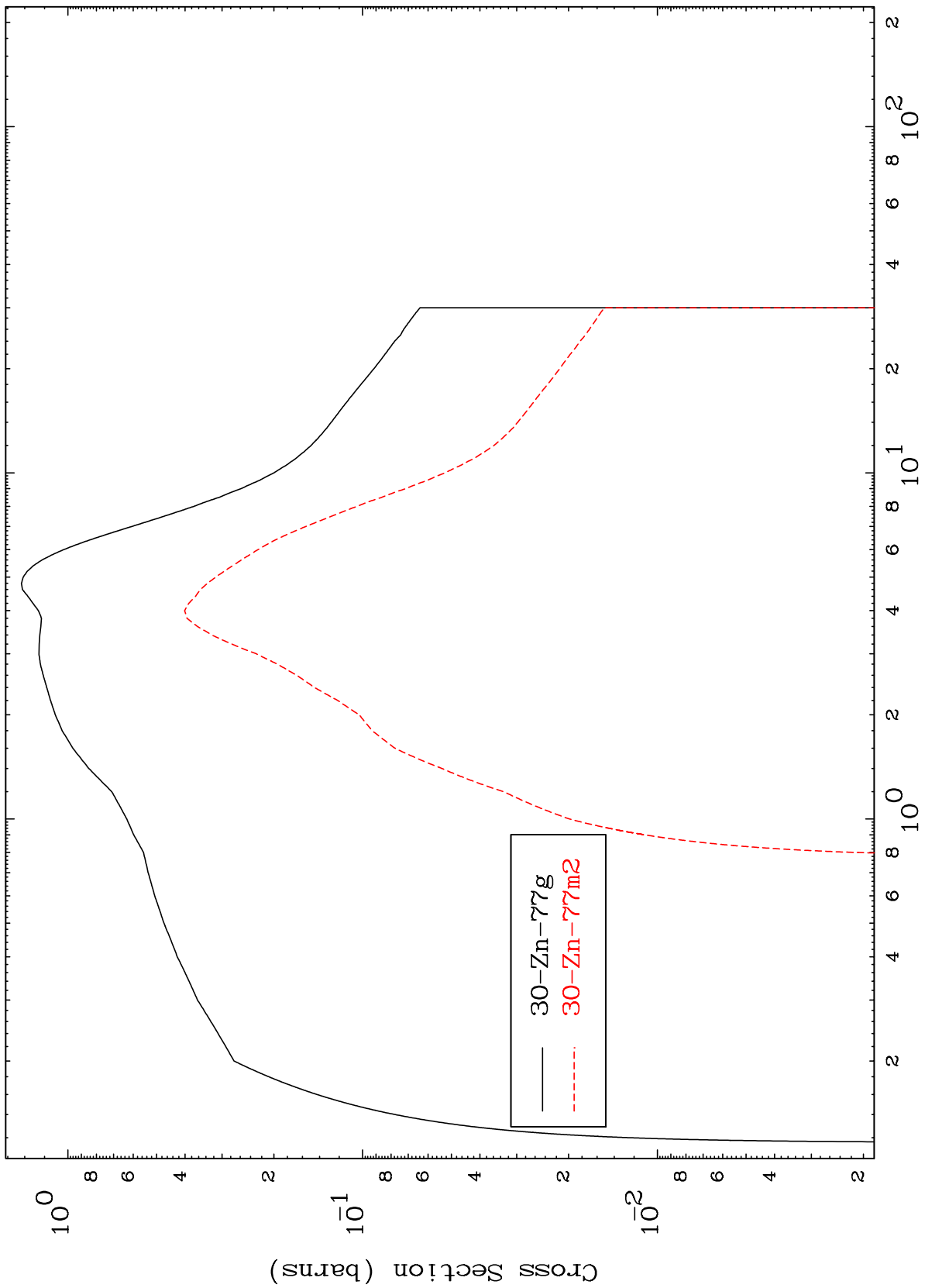




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30-Zn-77

Inelastic
Radionuclide Production Cross Section



30-Zn-77g
30-Zn-77m2

30-Zn-77

Incident Energy (MeV)

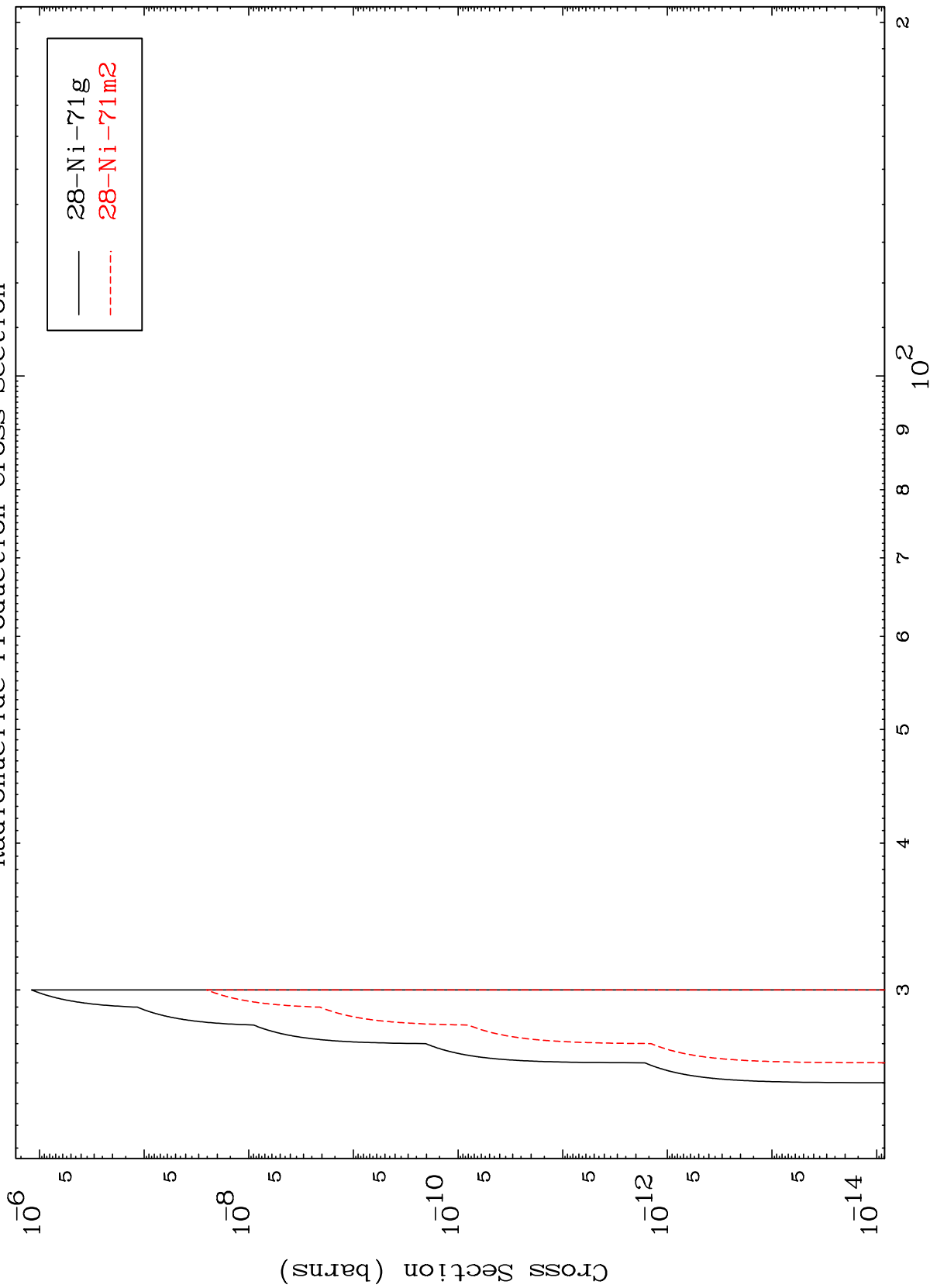
118

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(n,3n) α

30-Zn-77

Radionuclide Production Cross Section



— 28-Ni-71g
- - - 28-Ni-71m2

119

Incident Energy (MeV)

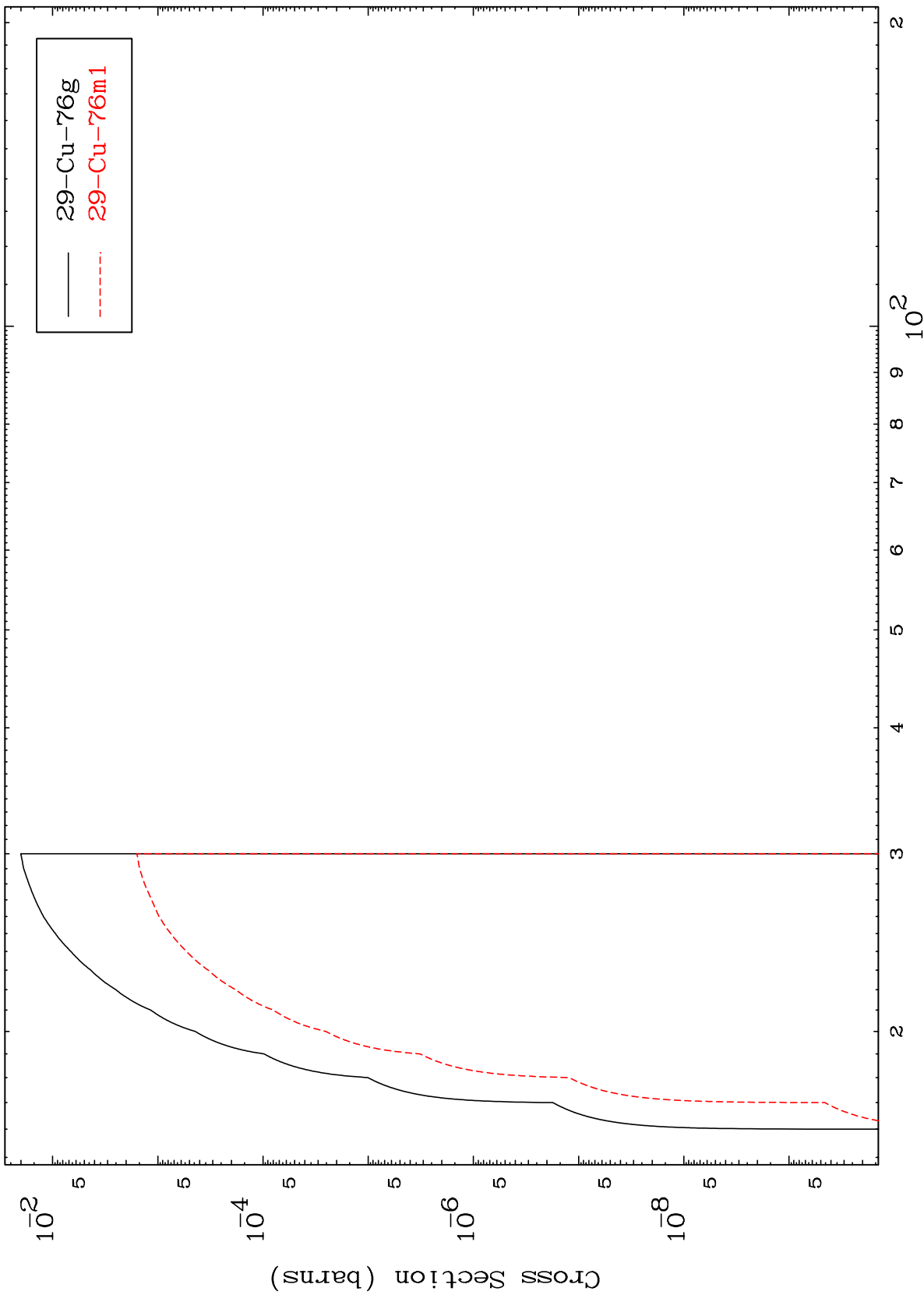
30-Zn-77

MAT 3064

(n,n') p

30-Zn-77

Radionuclide Production Cross Section



120

Incident Energy (MeV)

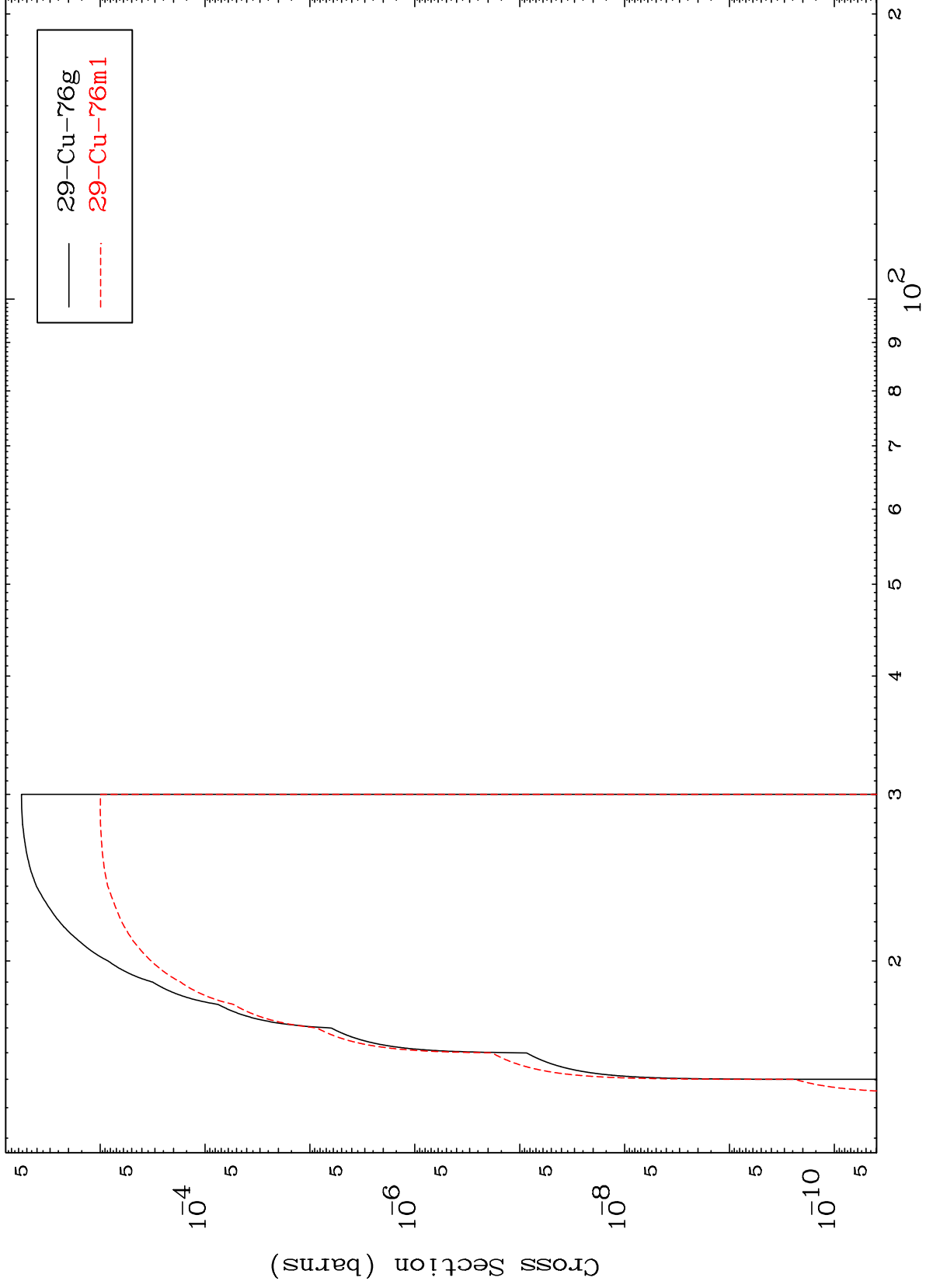
30-Zn-77

MAT 3064

(n,d)

30-Zn-77

Radionuclide Production Cross Section



121

Incident Energy (MeV)

30-Zn-77