

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

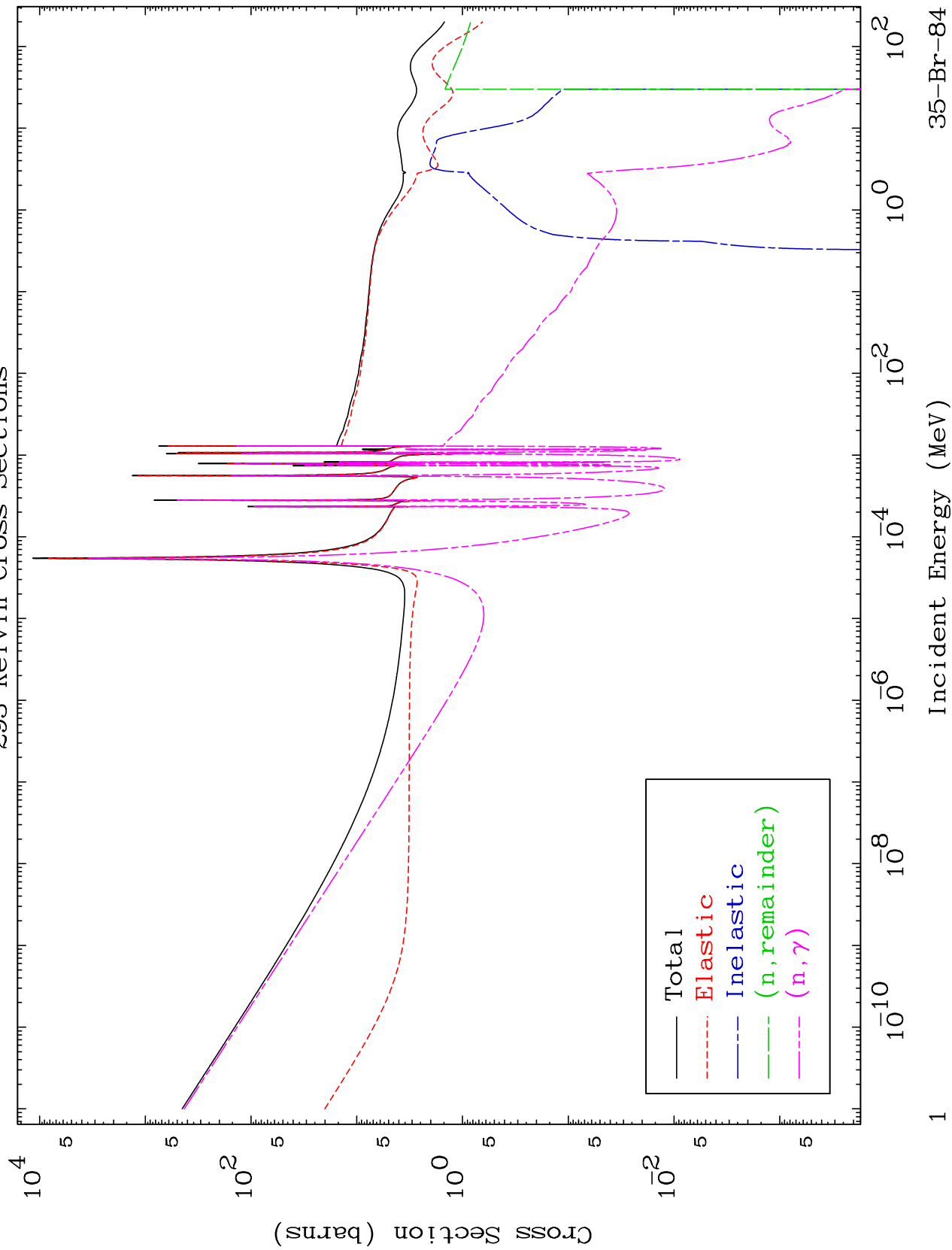
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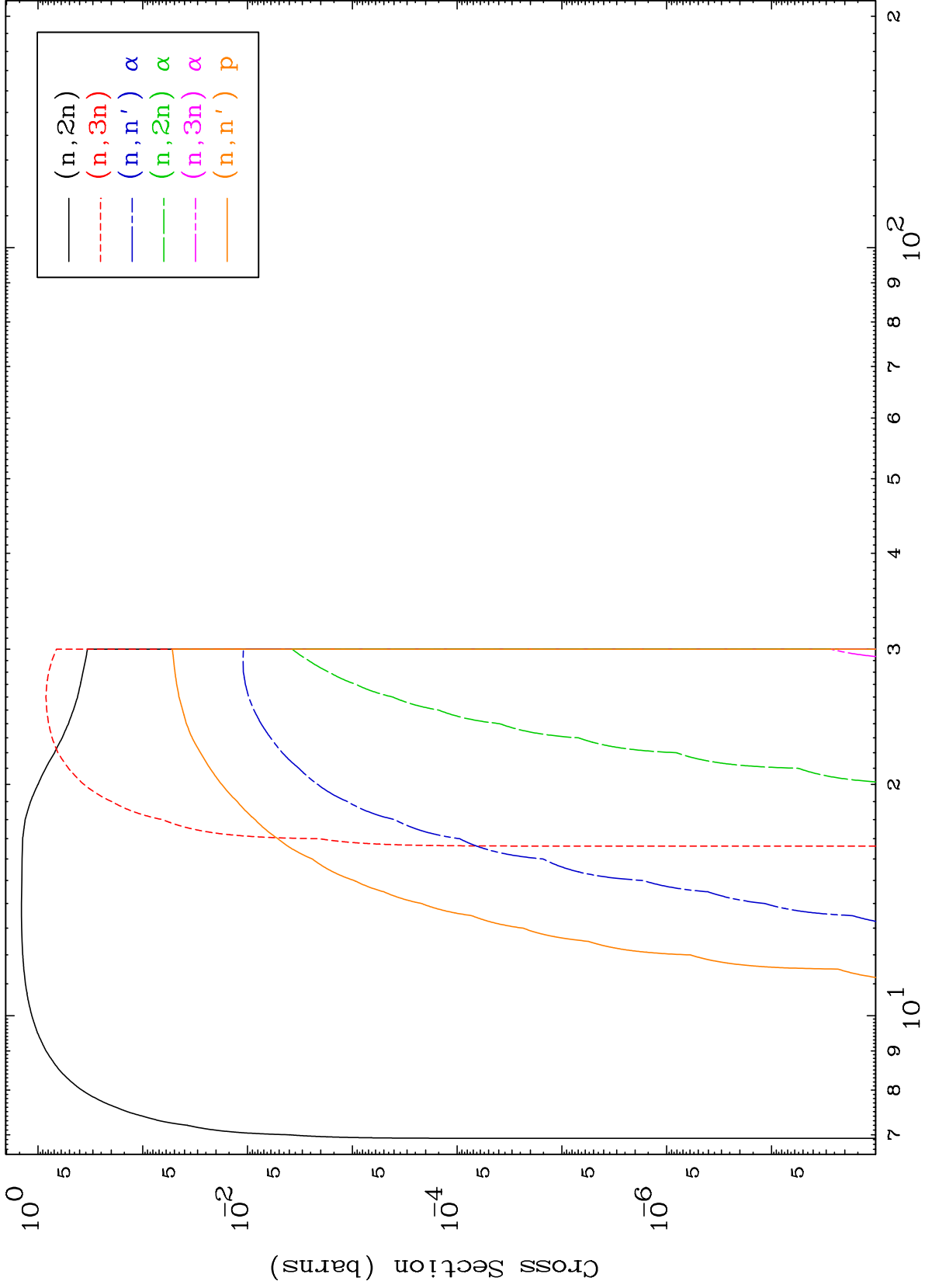
MAT 3540

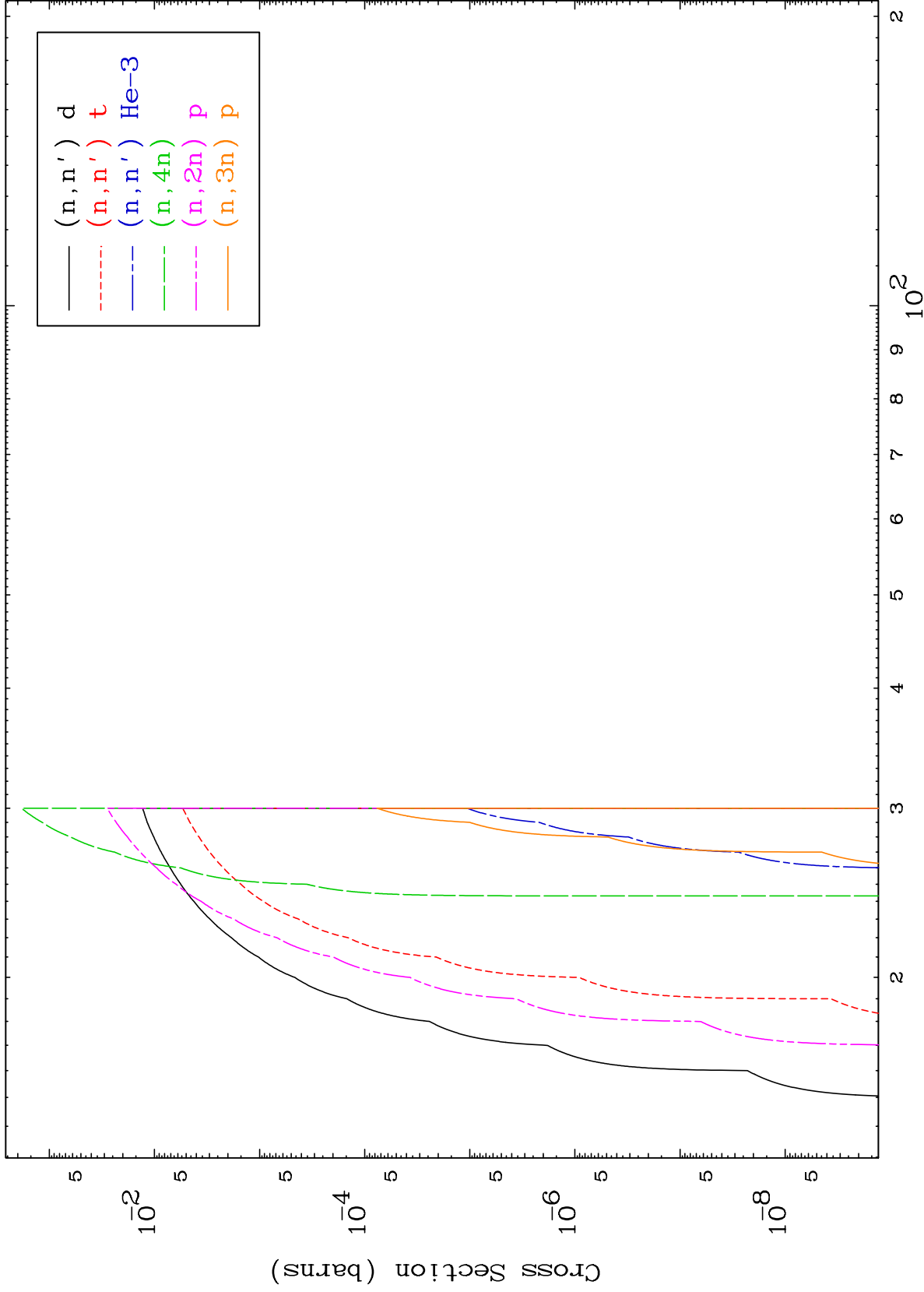
Major

293 Kelvin Cross Sections

35-Br-84



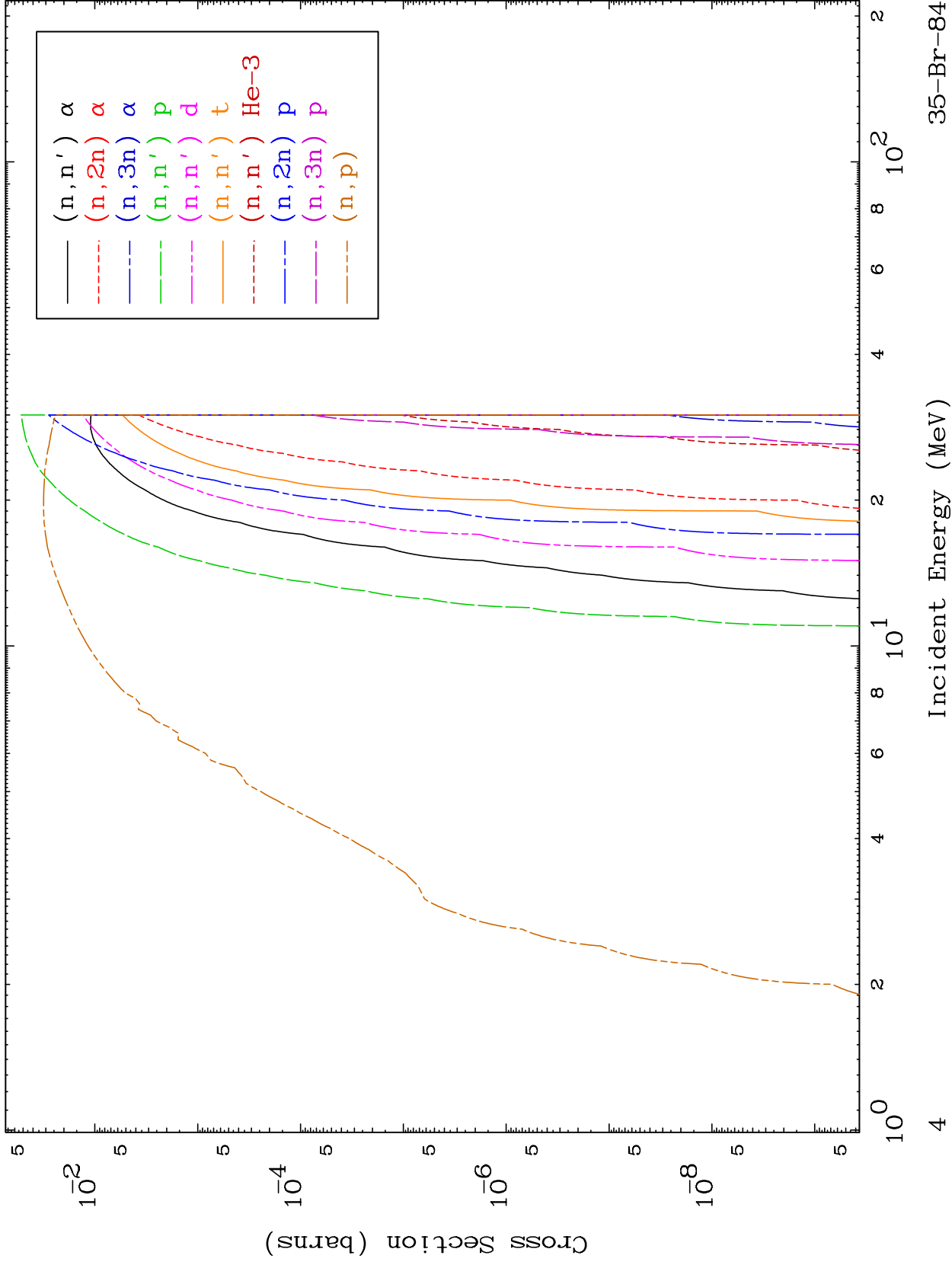




MAT 3540

Charged Particle
293 Kelvin Cross Sections

35-Br-84



35-Br-84

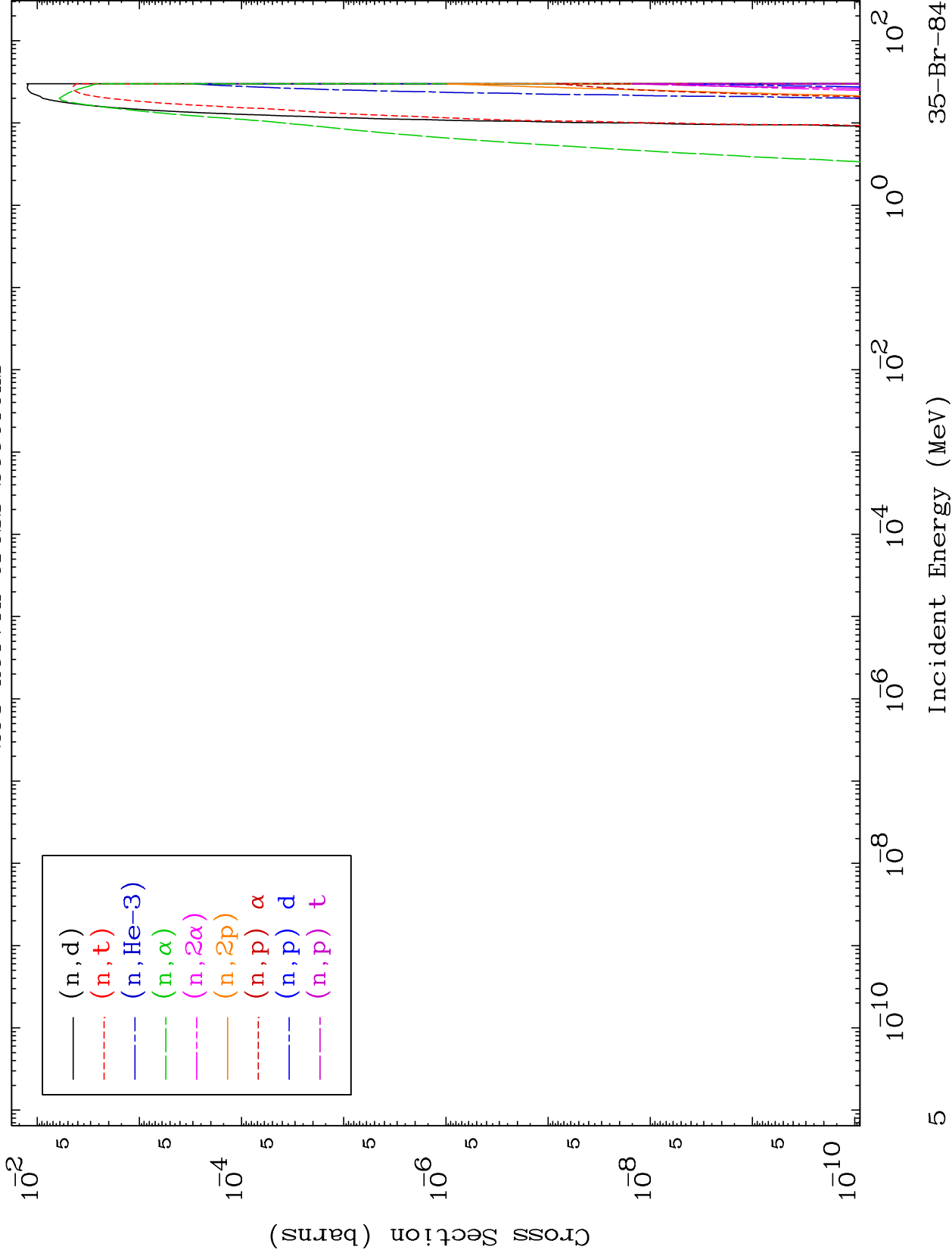
Incident Energy (MeV)

4

MAT 3540

Charged Particle
293 Kelvin Cross Sections

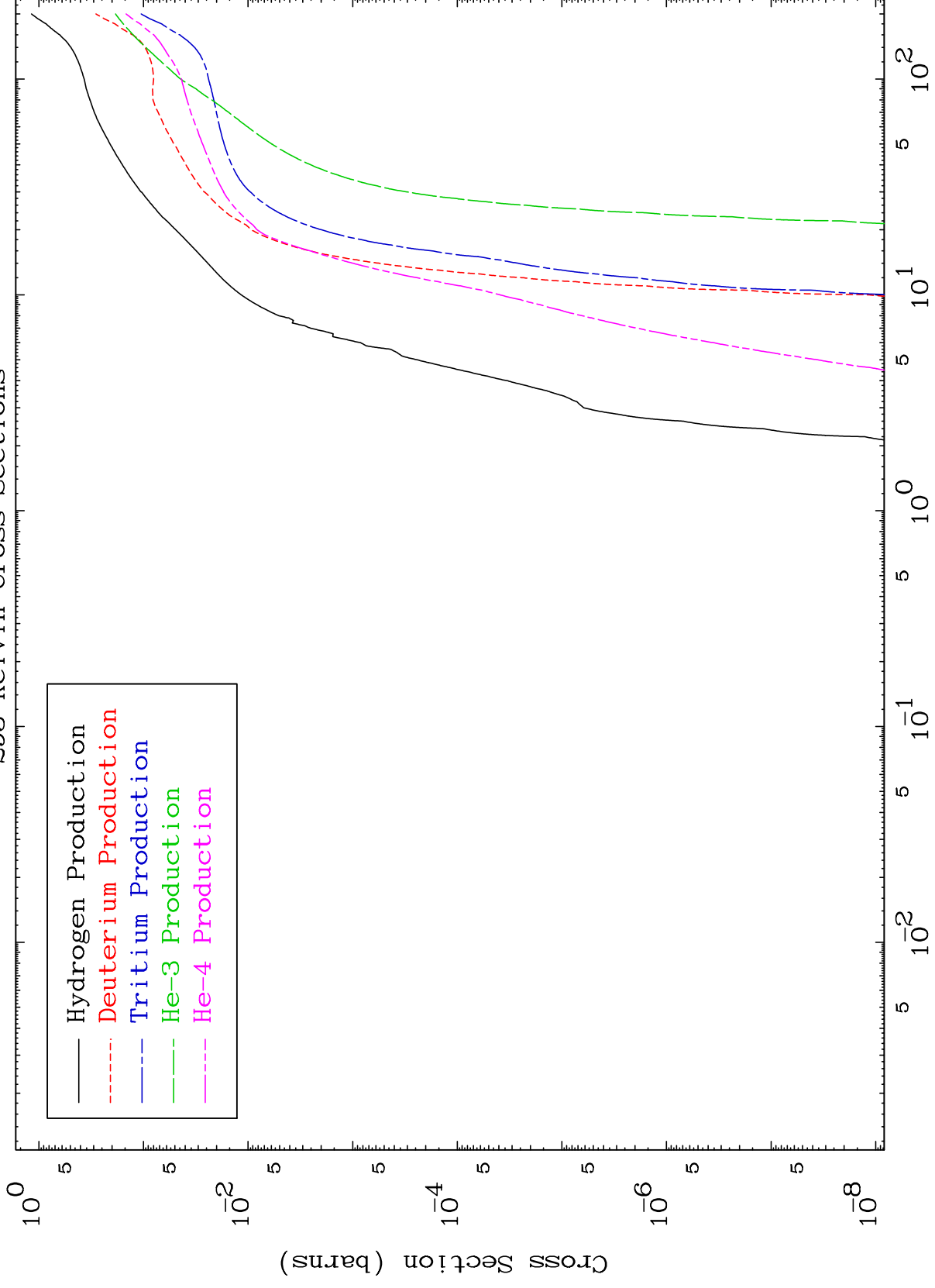
35-Br-84



MAT 3540

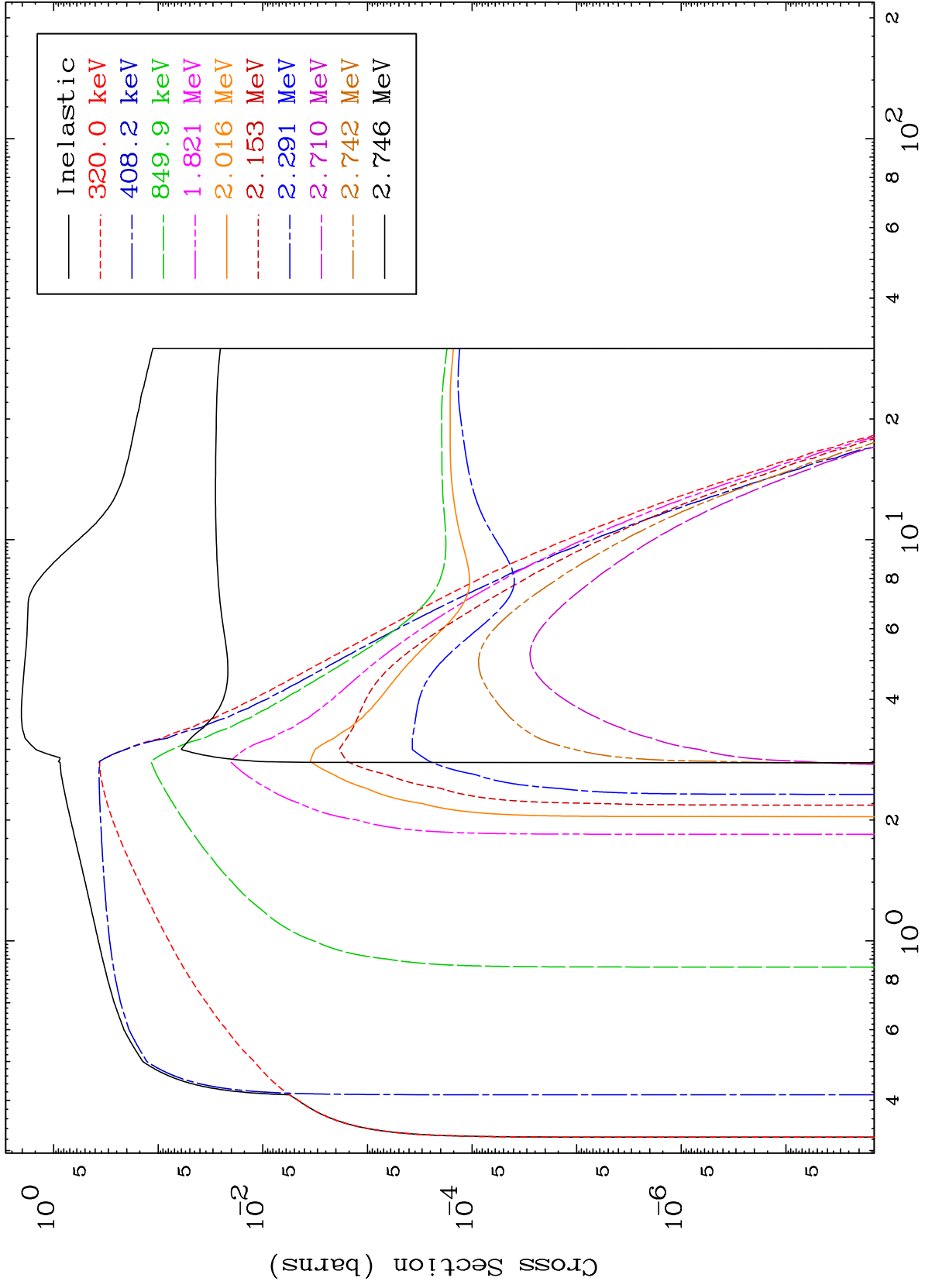
Particle Production
293 Kelvin Cross Sections

35-Br-84



6

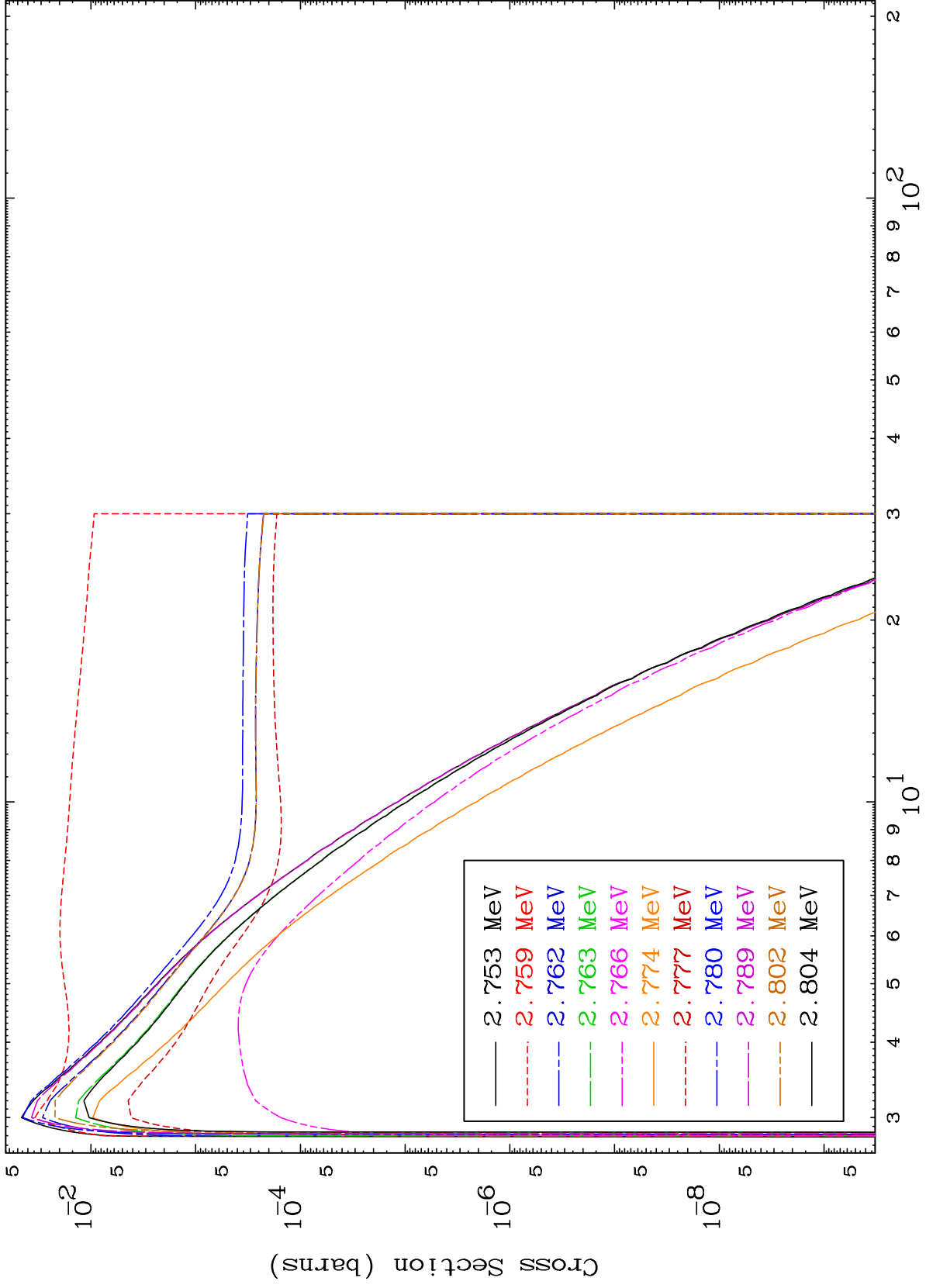
35-Br-84



MAT 3540

(n,n') Level
293 Kelvin Cross Sections

35-Br-84



8

Incident Energy (MeV)

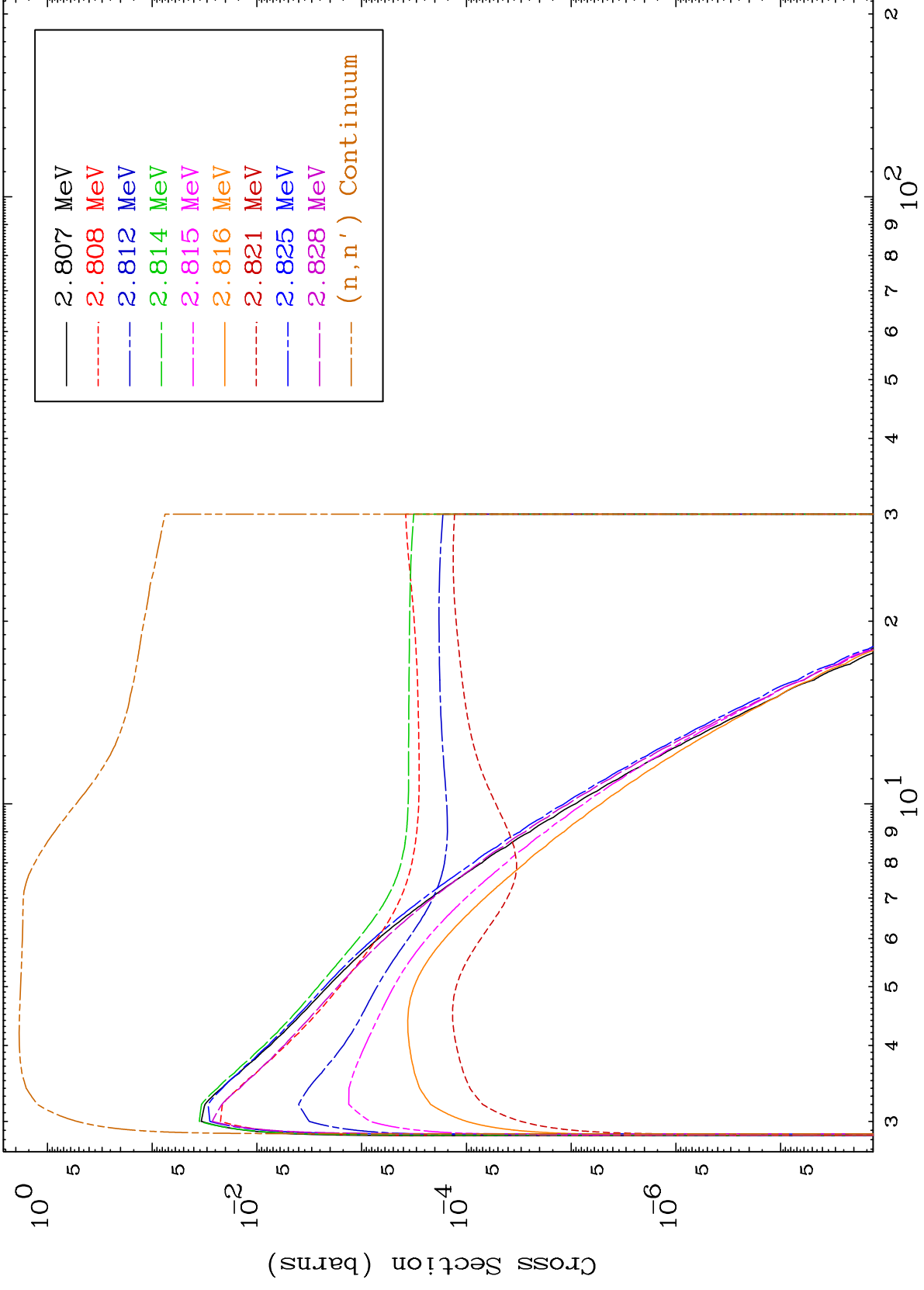
35-Br-84

MAT 3540

(n,n') Level

35-Br-84

293 Kelvin Cross Sections



9

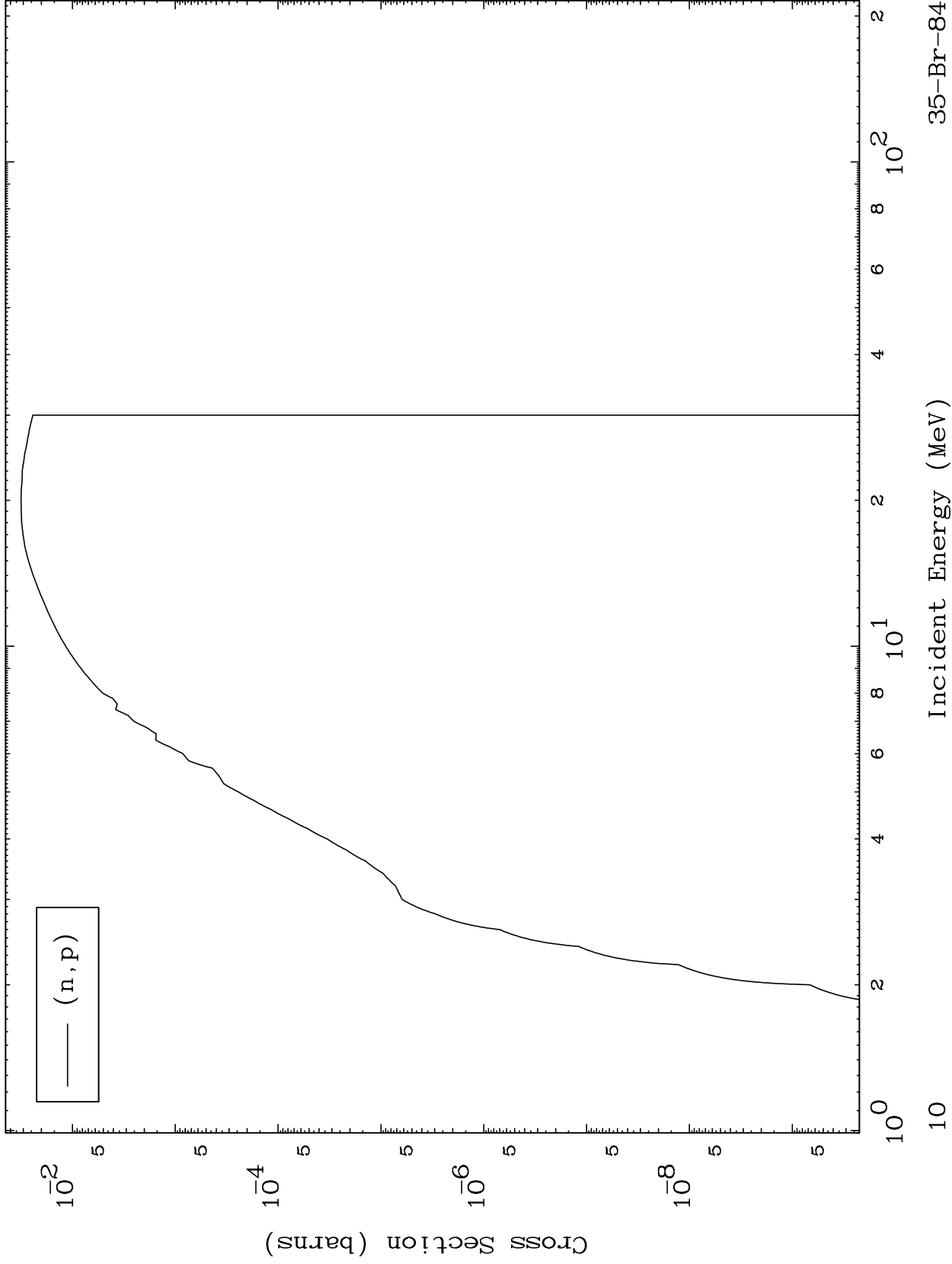
Incident Energy (MeV)

35-Br-84

MAT 3540

(n,p) Levels
293 Kelvin Cross Sections

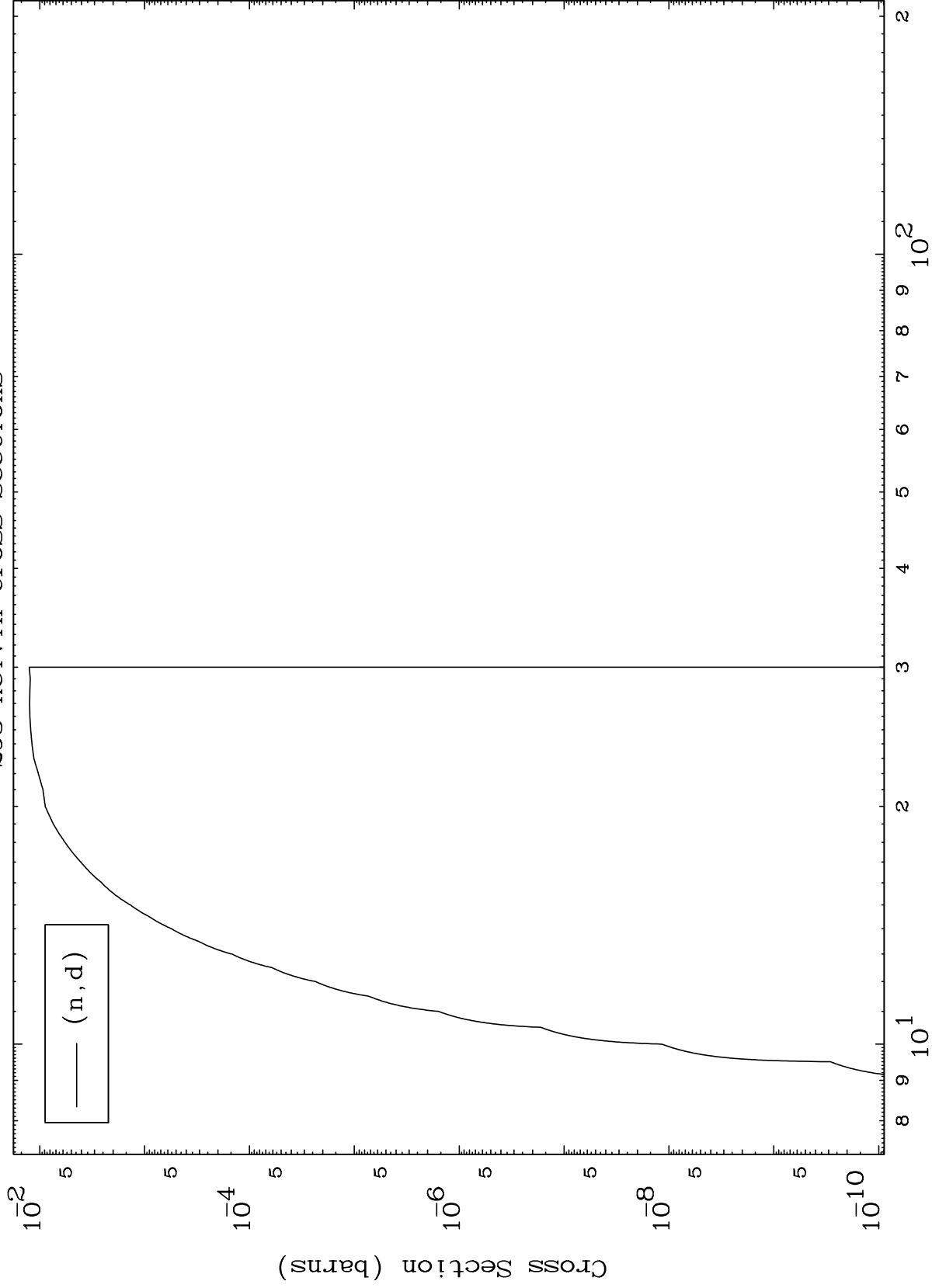
35-Br-84



MAT 3540

(n,d) Levels
293 Kelvin Cross Sections

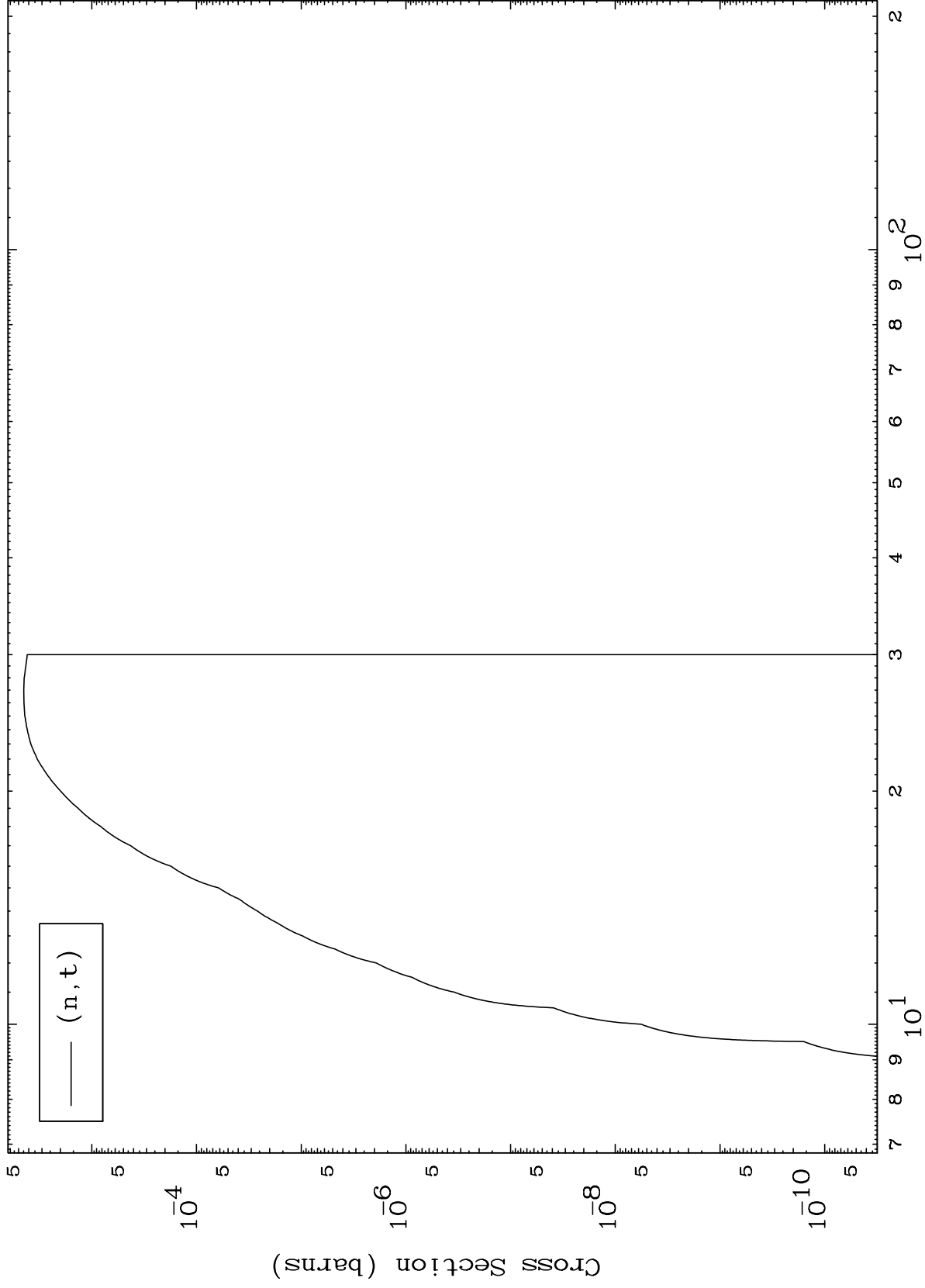
35-Br-84



MAT 3540

(n,t) Levels
293 Kelvin Cross Sections

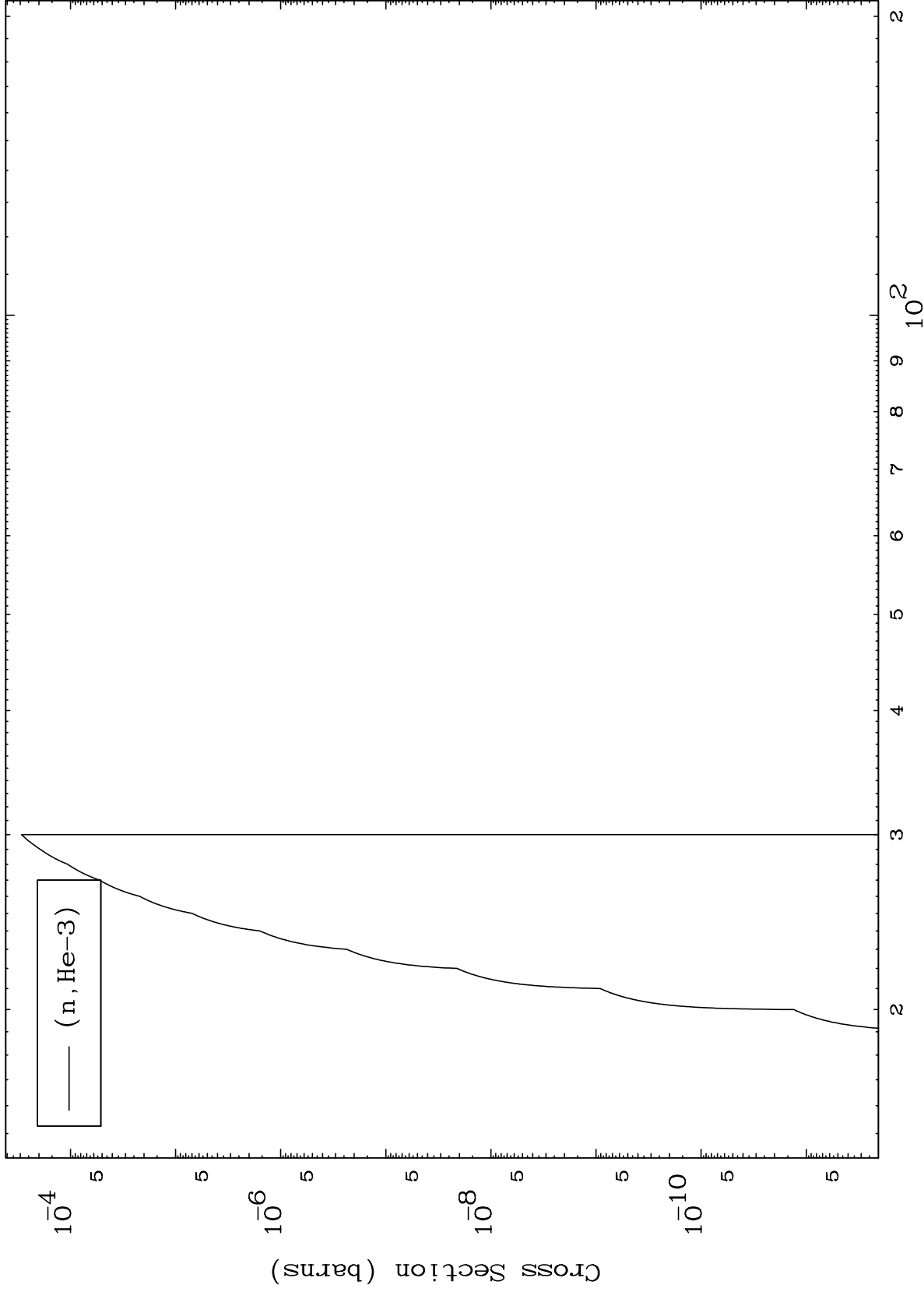
35-Br-84



12

Incident Energy (MeV)

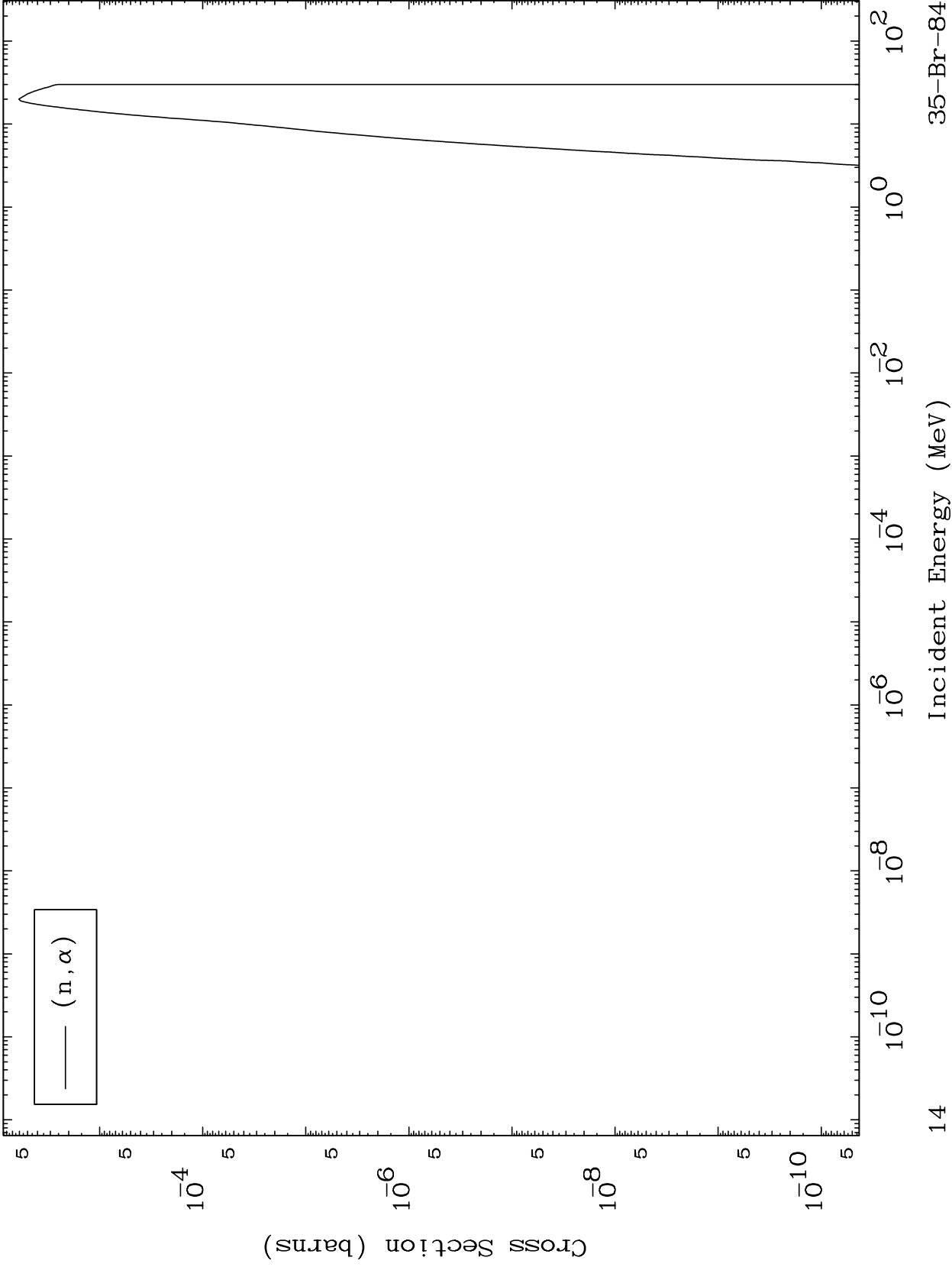
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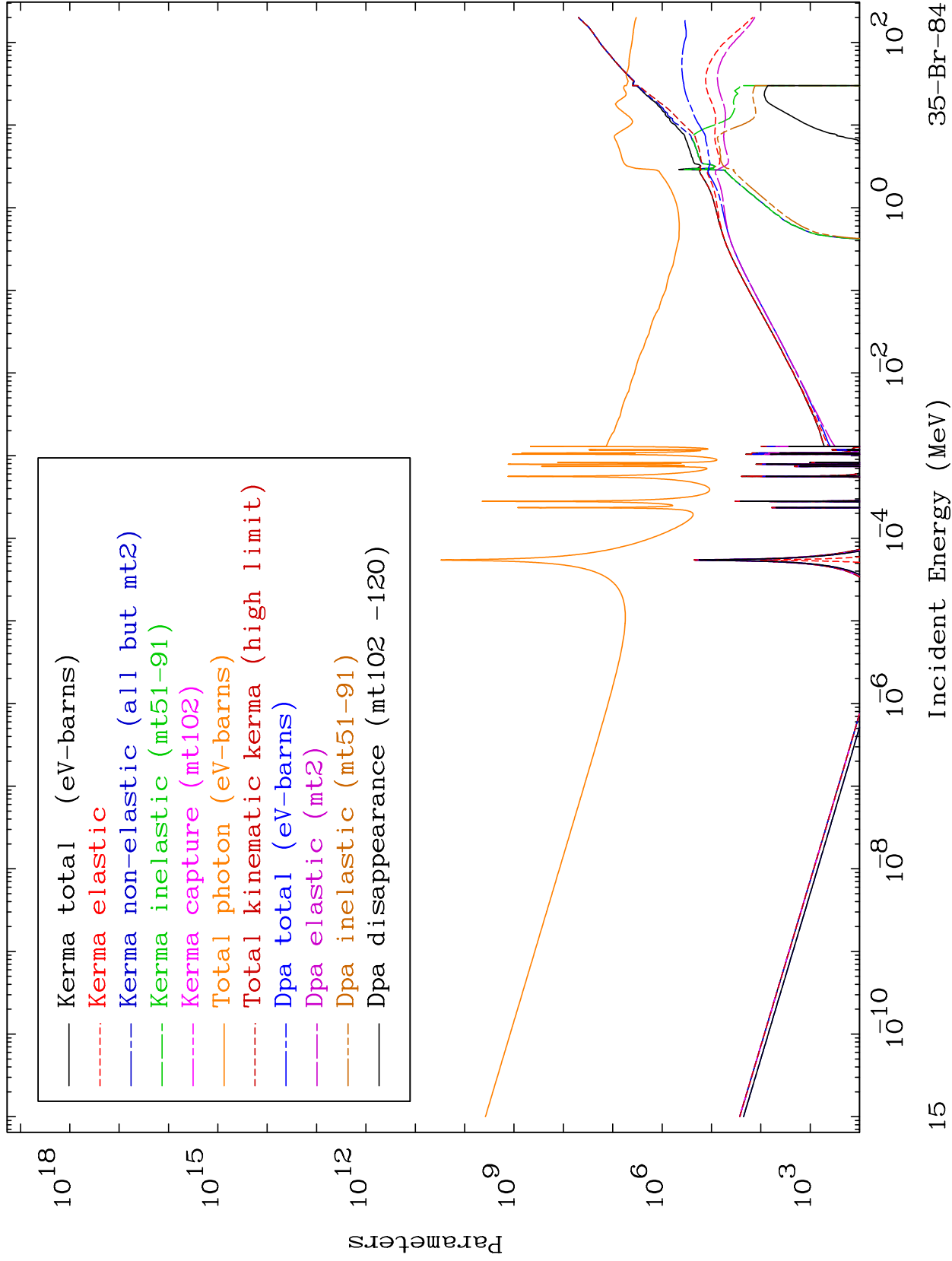


MAT 3540

(n, α) Levels
293 Kelvin Cross Sections

35-Br-84

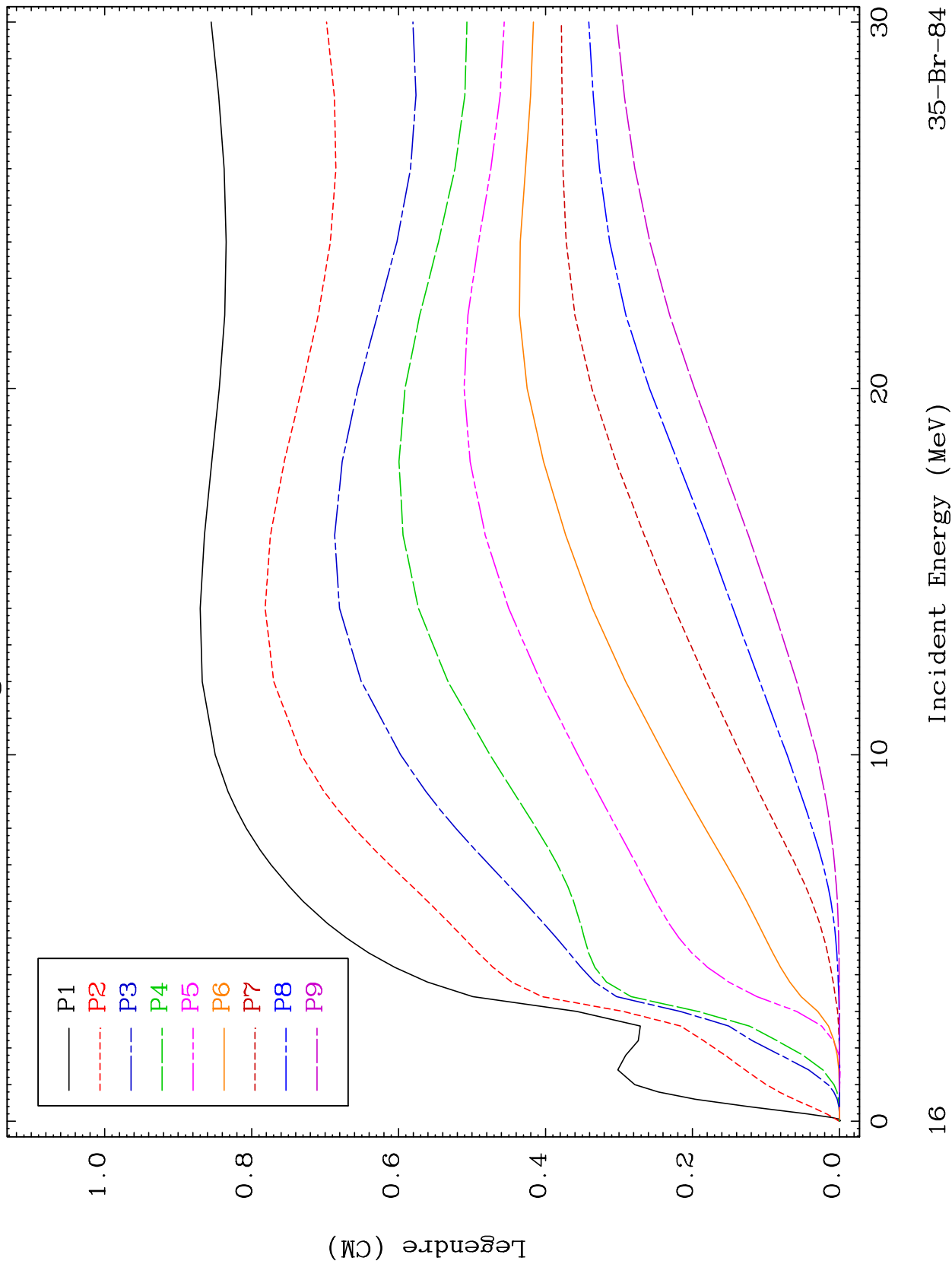




MAT 3540

Elastic Legendre Coefficients

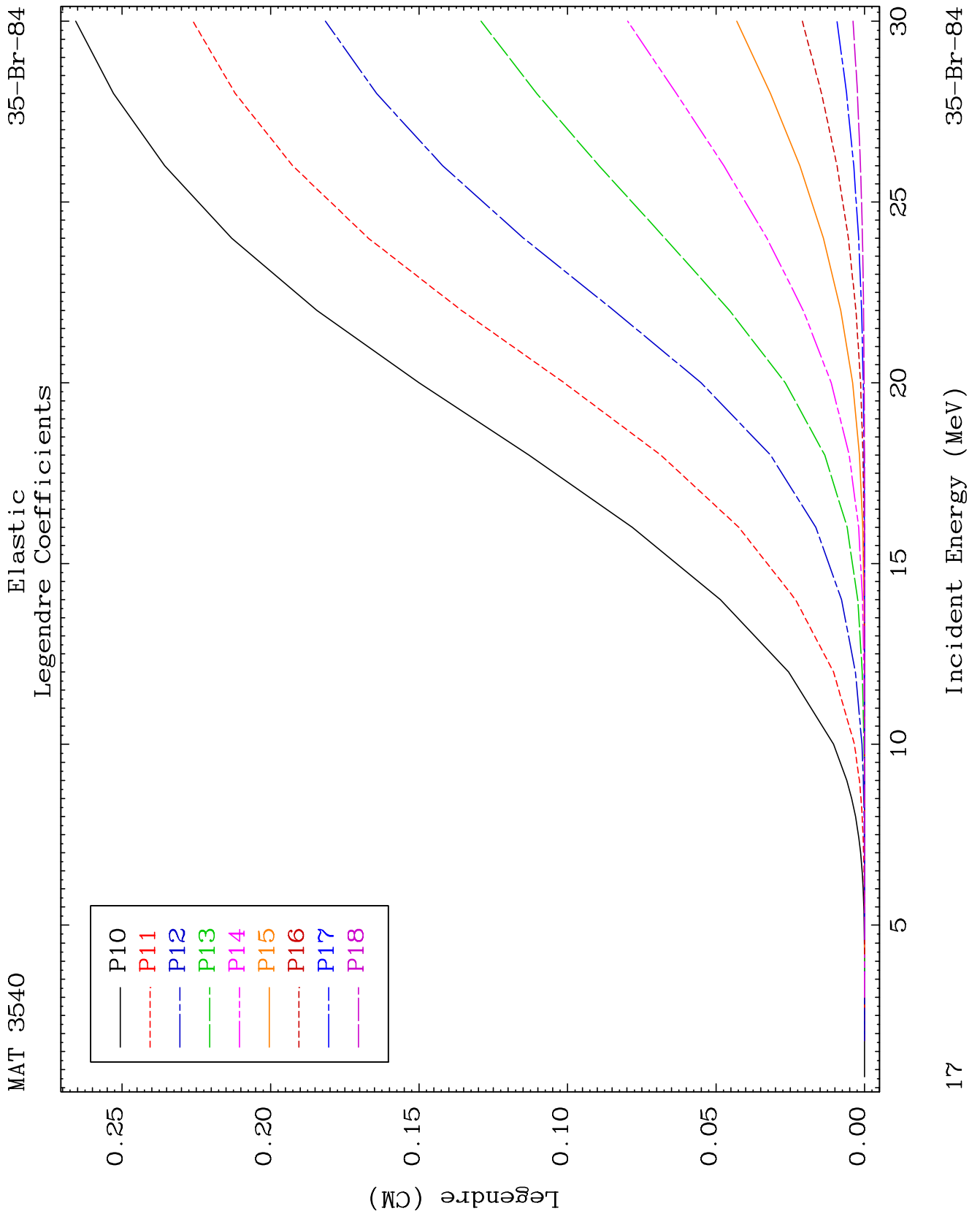
³⁵Br-84



16

Incident Energy (MeV)

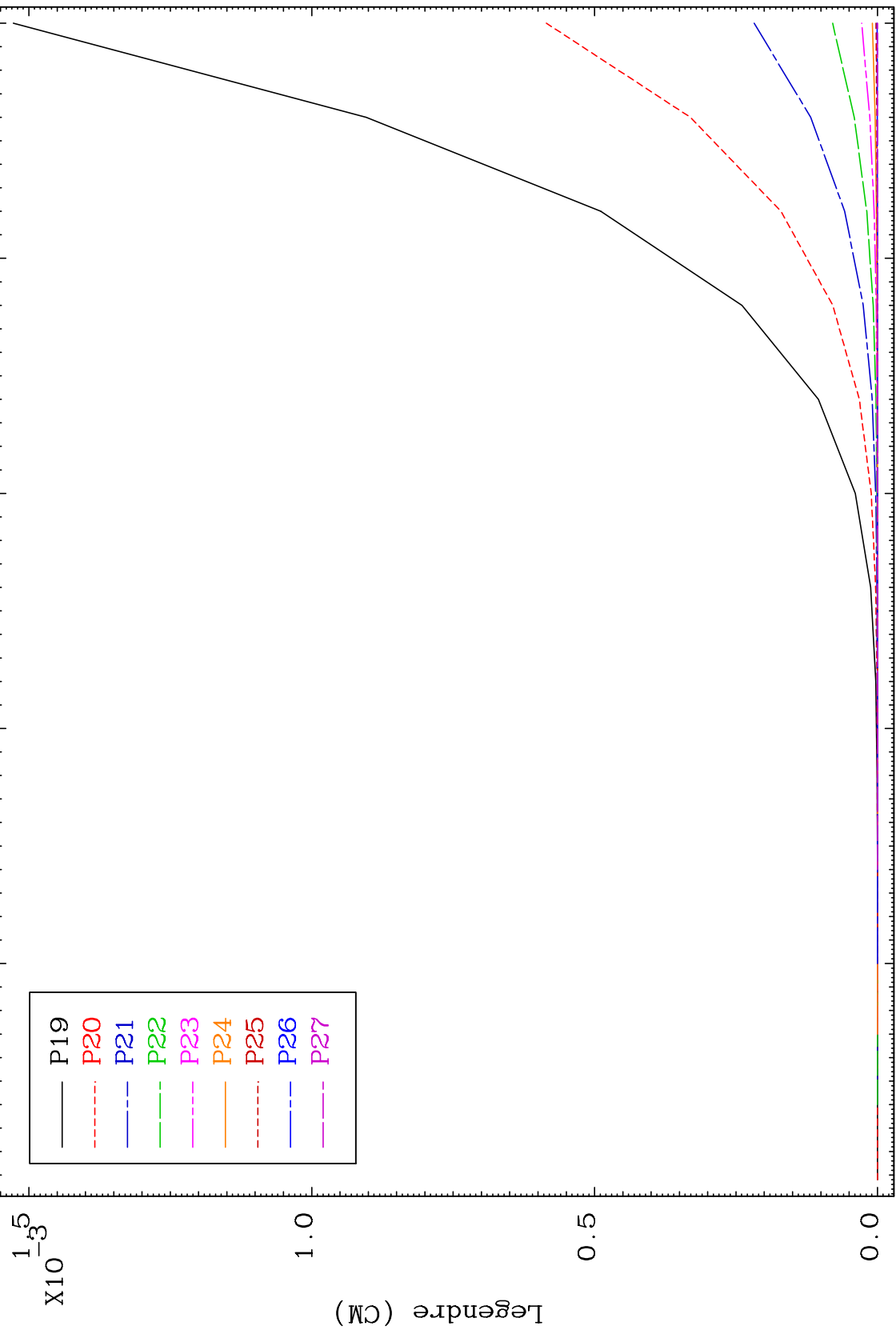
³⁵Br-84



MAT 3540

Elastic Legendre Coefficients

³⁵Br-84



18

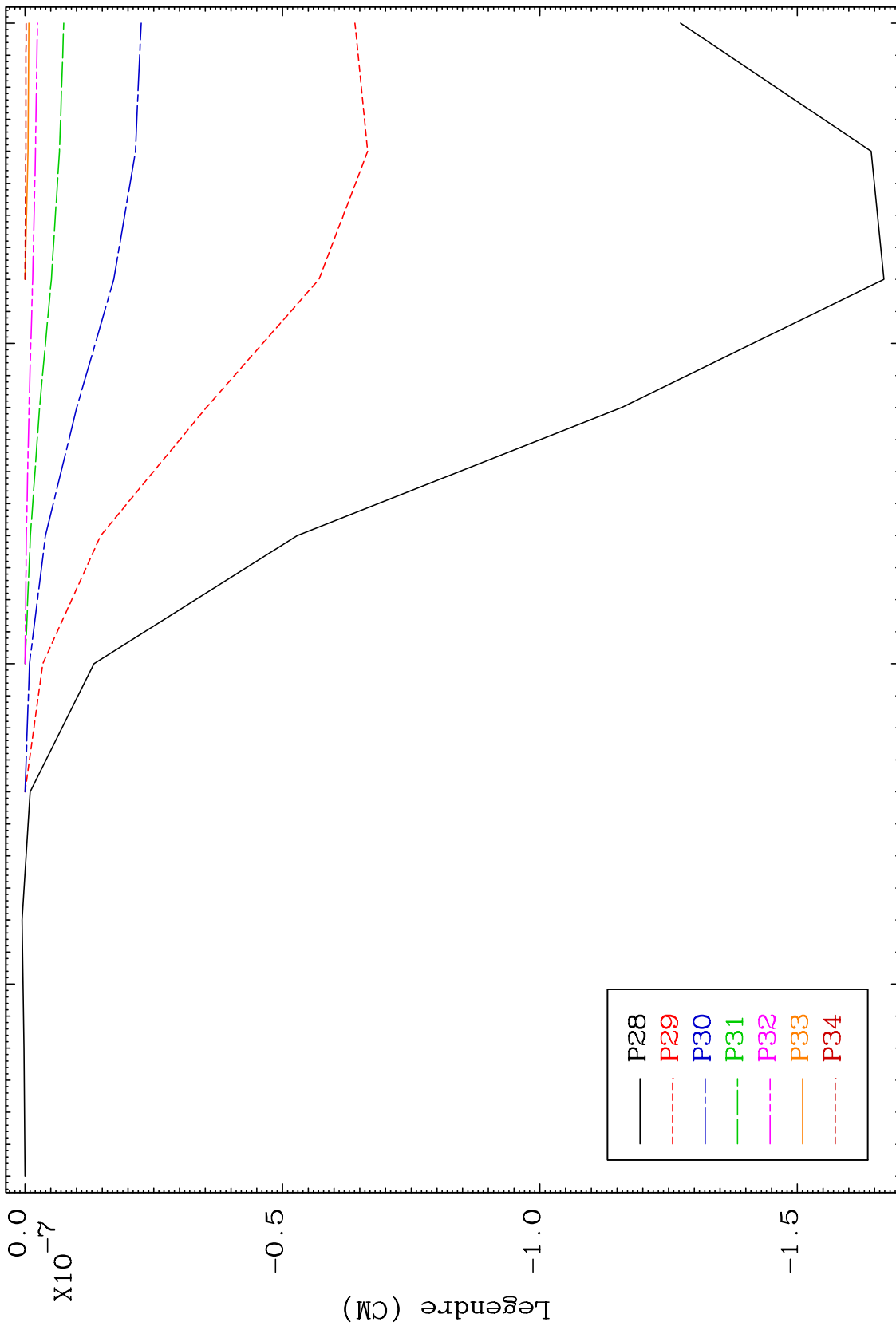
Incident Energy (MeV)

³⁵Br-84

MAT 3540

35-Br-84

Elastic Legendre Coefficients



0.0

$\times 10^{-7}$

-0.5

-1.0

-1.5

Legendre (CM)

15

20

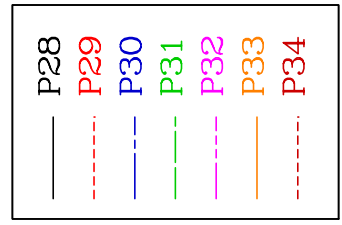
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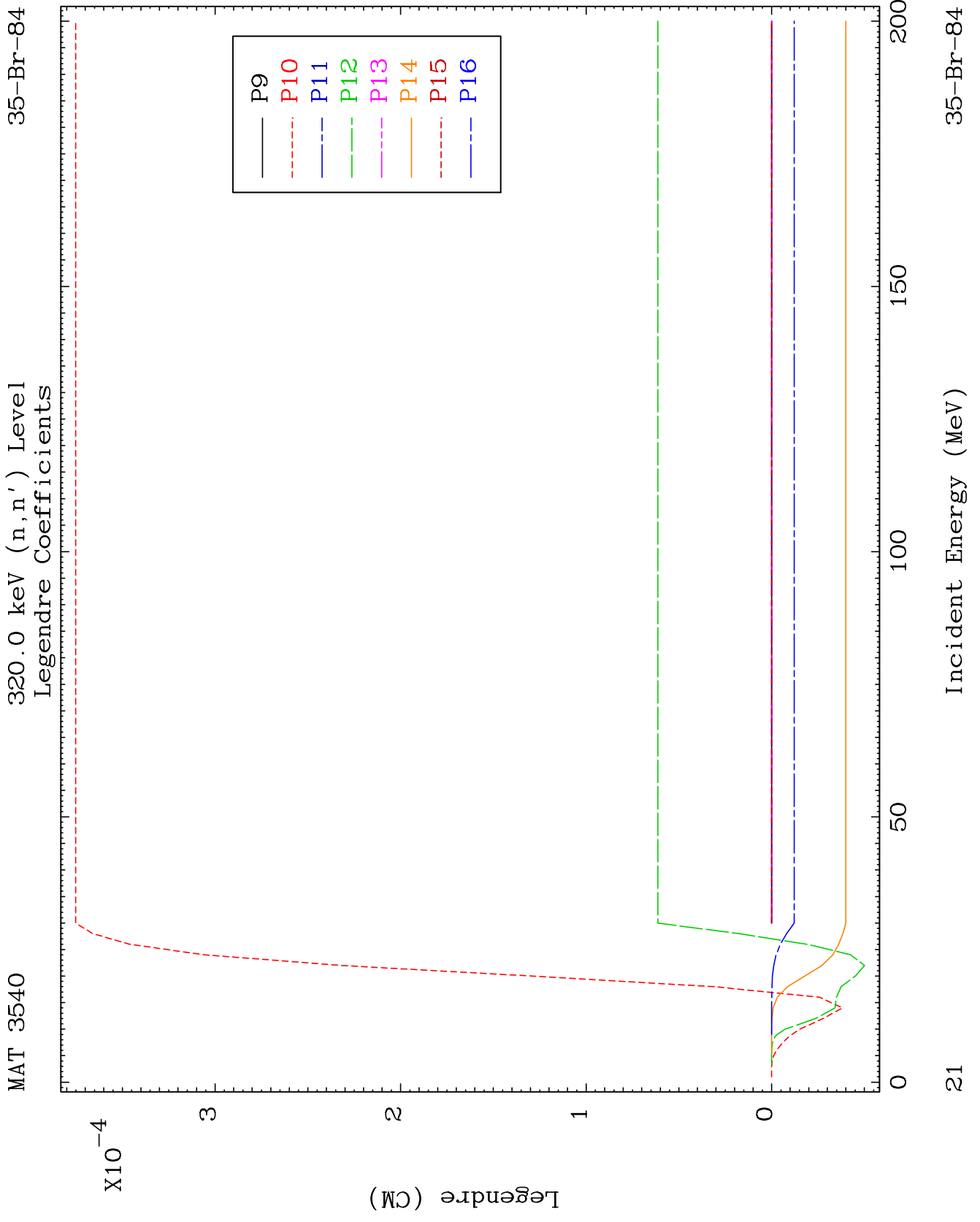
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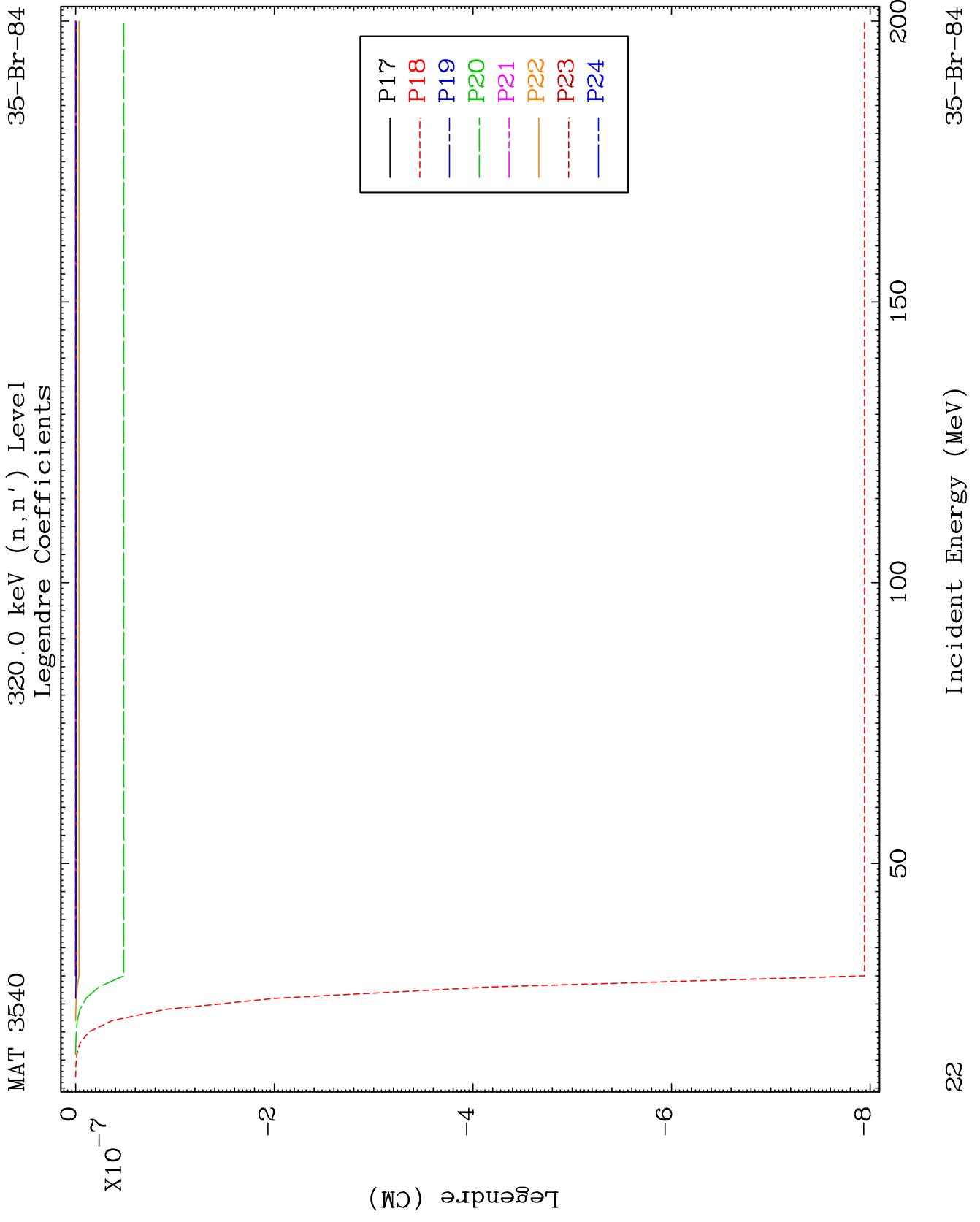
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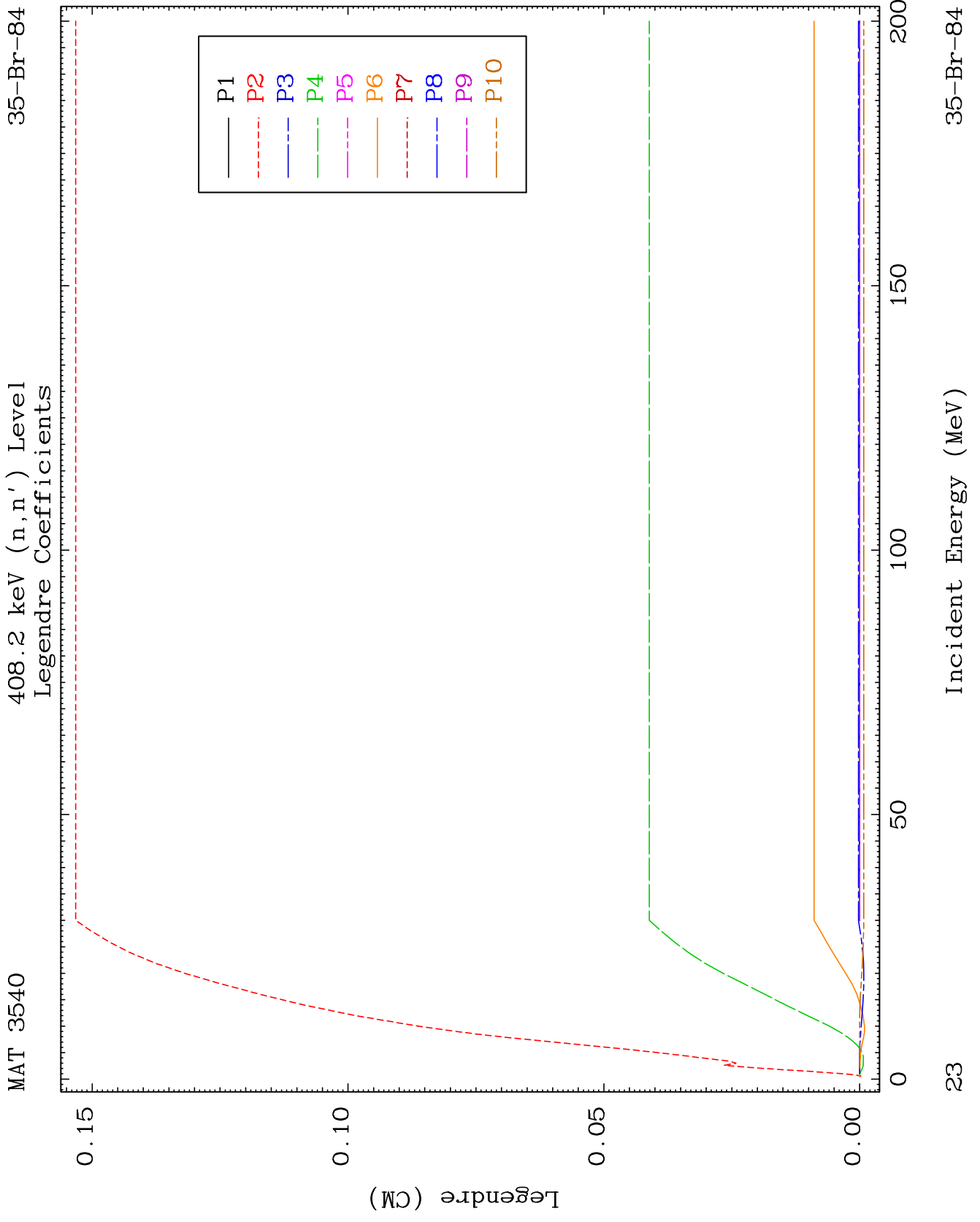
Incident Energy (MeV)

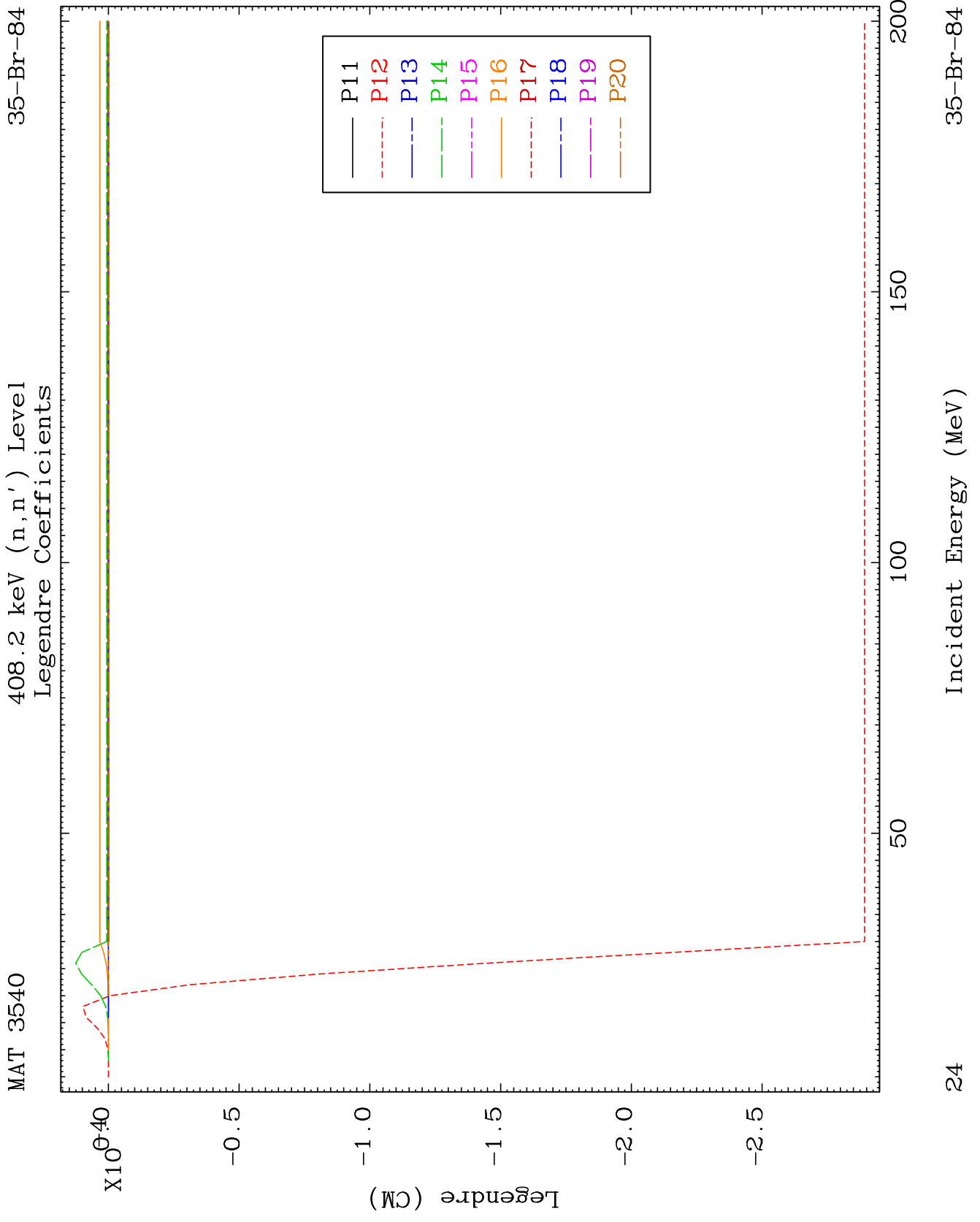
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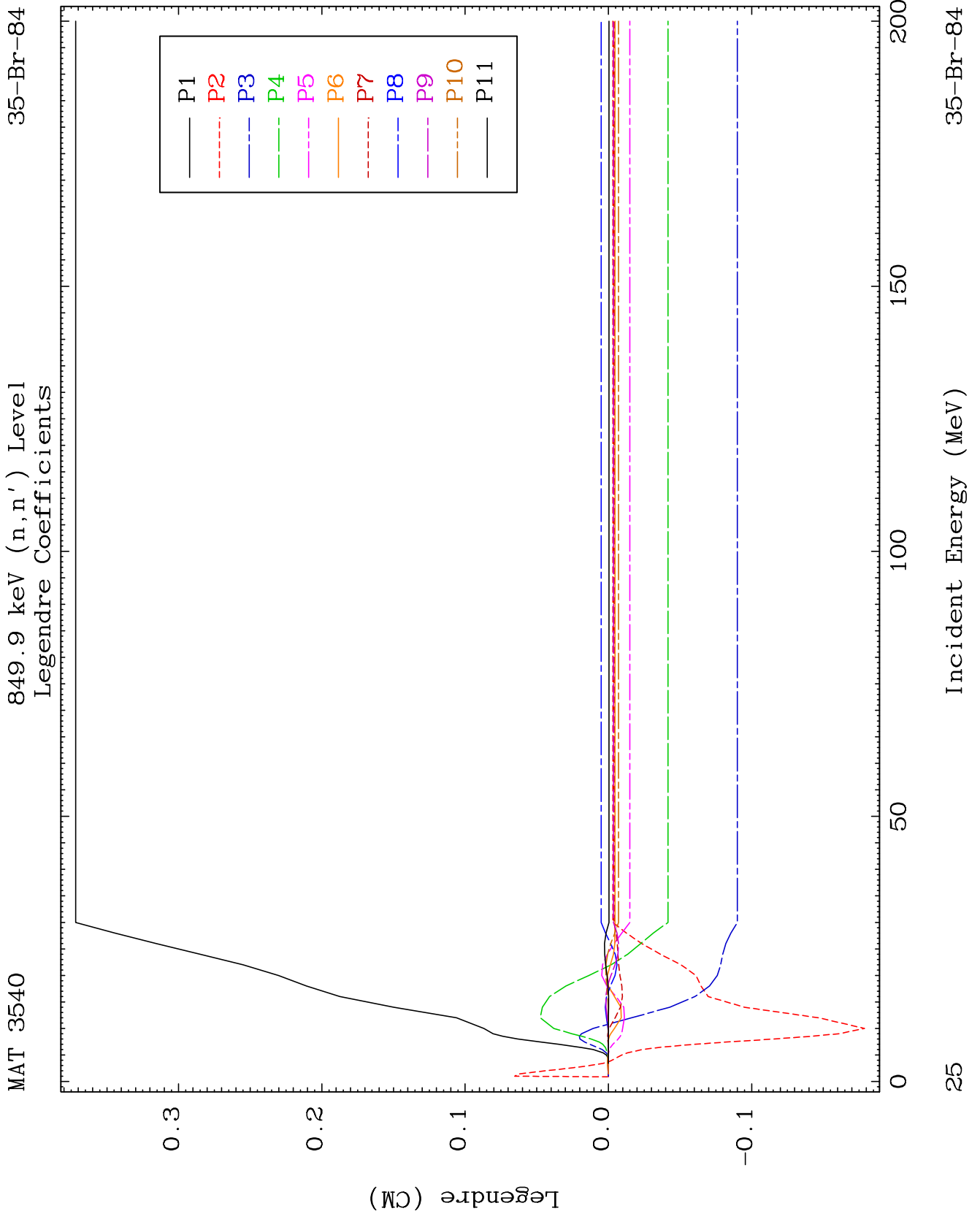








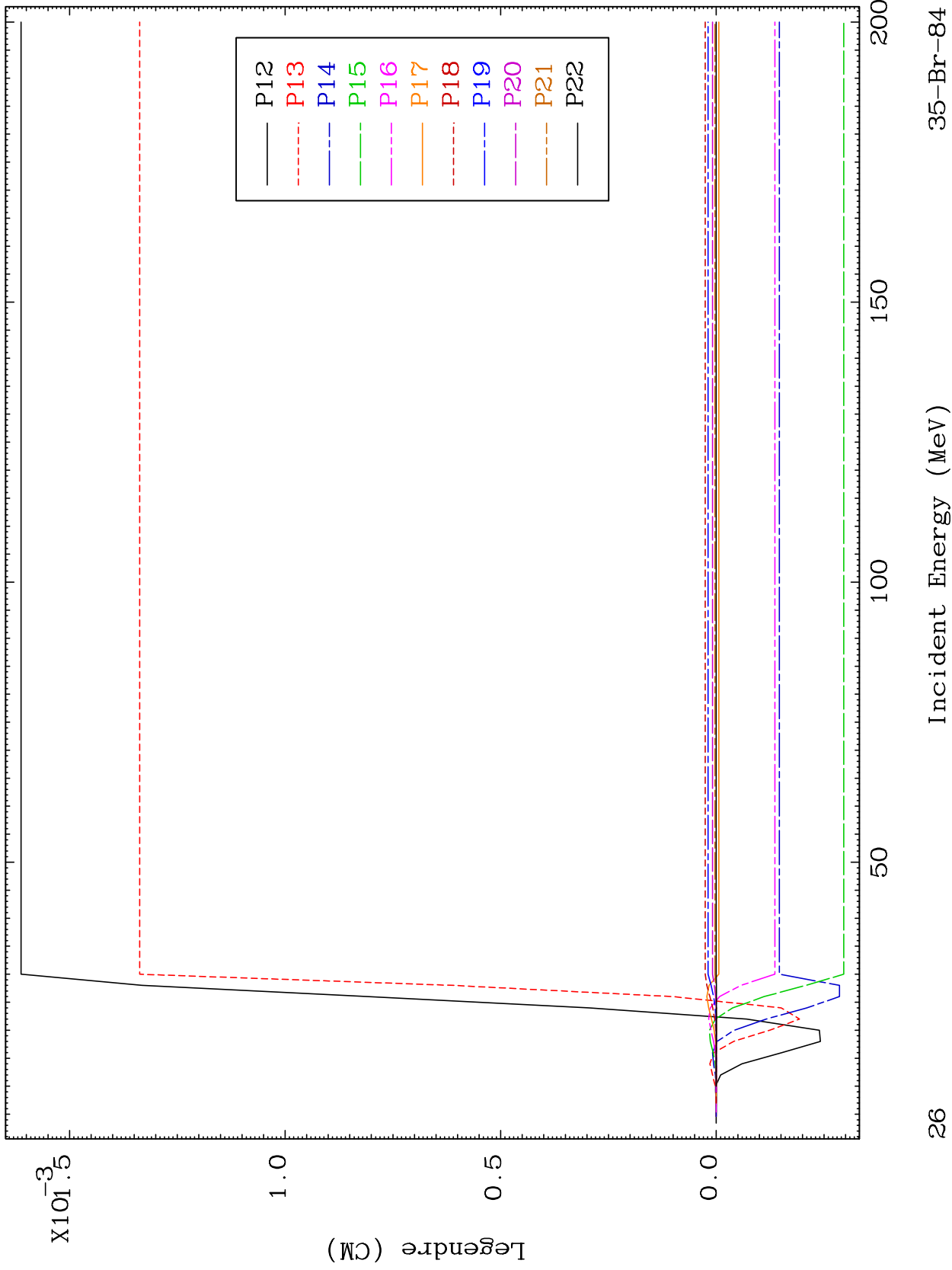




MAT 3540

849.9 keV (n,n') Level
Legendre Coefficients

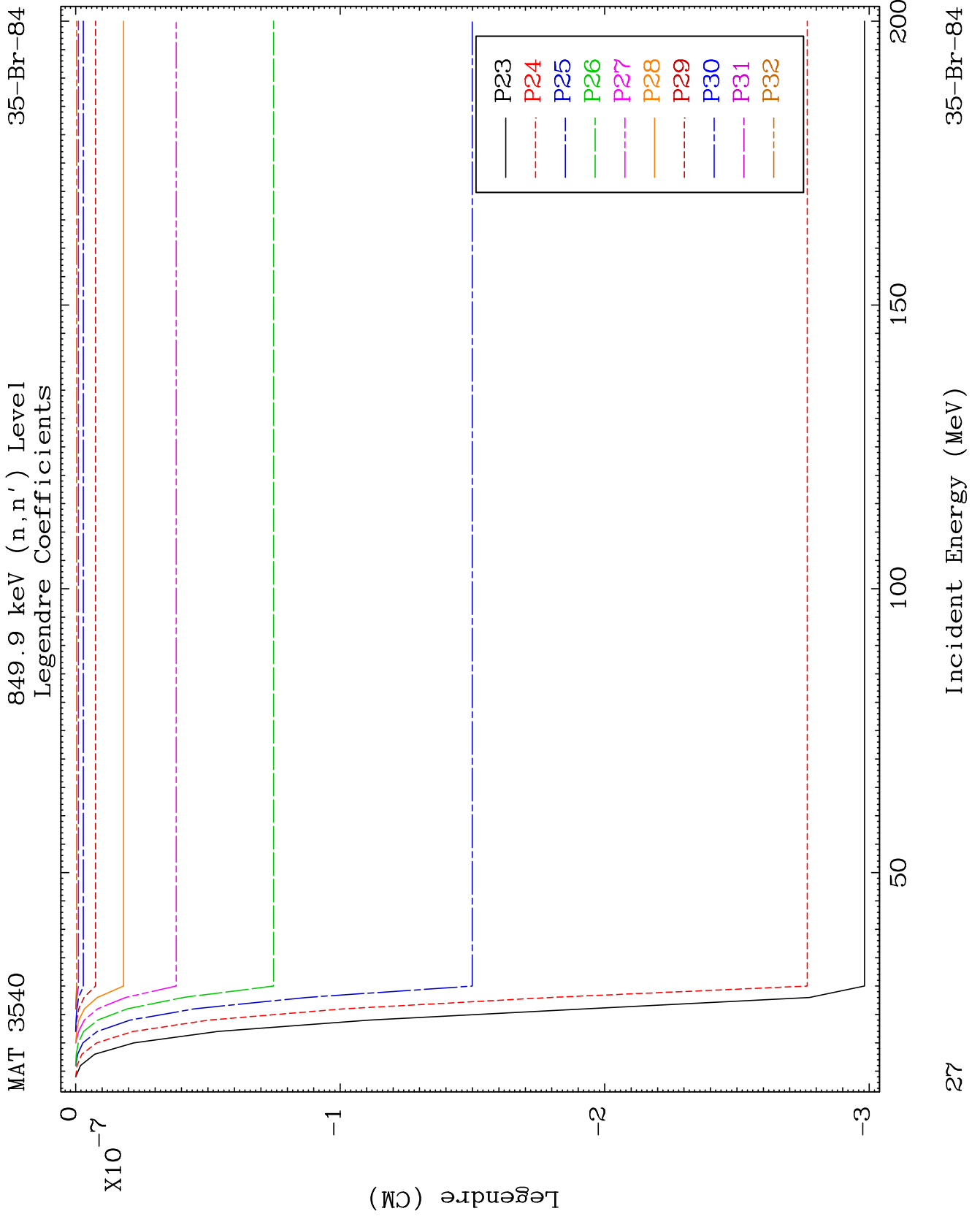
35-Br-84



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Incident Energy (MeV)

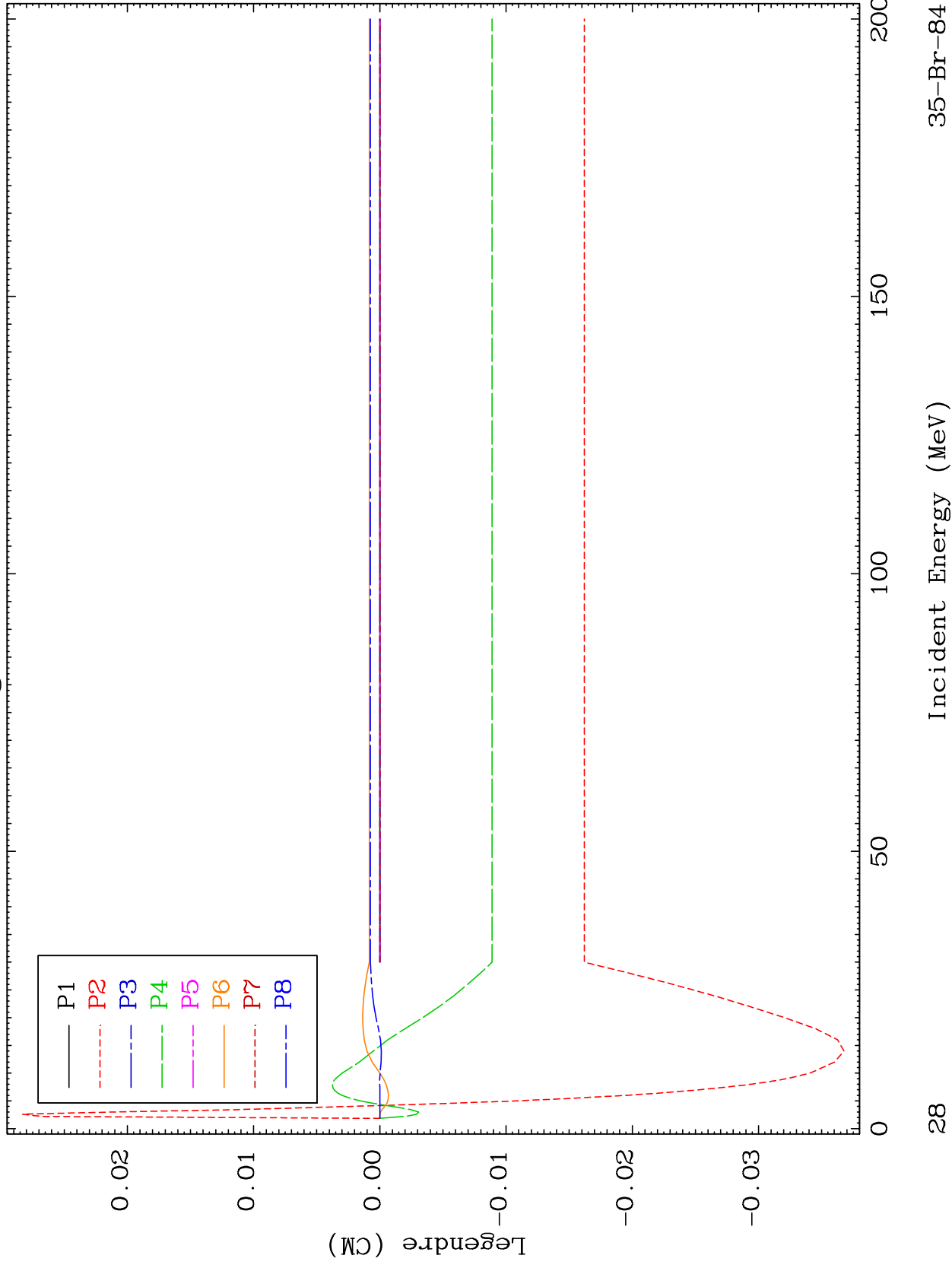
35-Br-84



MAT 3540

1.821 MeV (n,n') Level
Legendre Coefficients

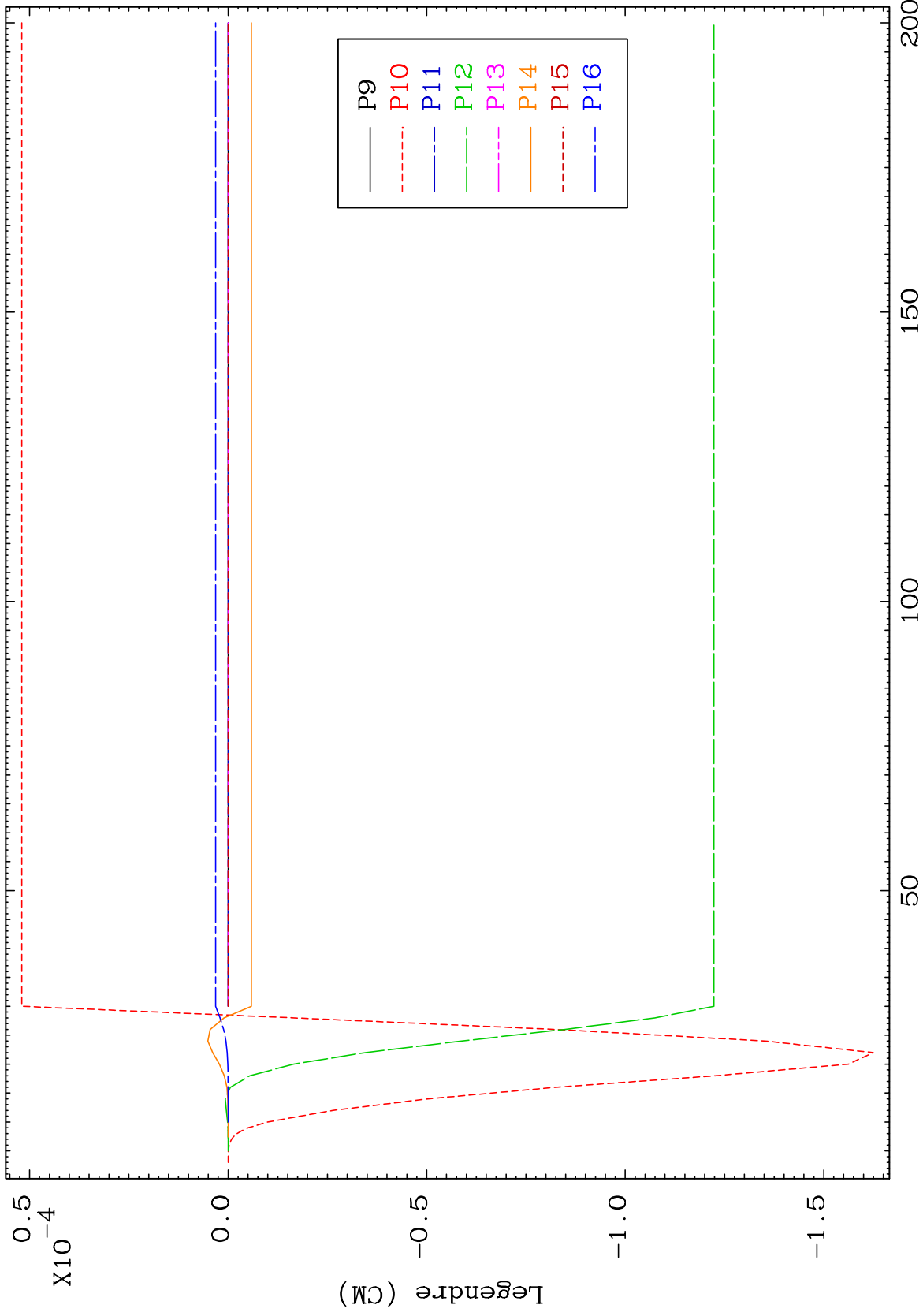
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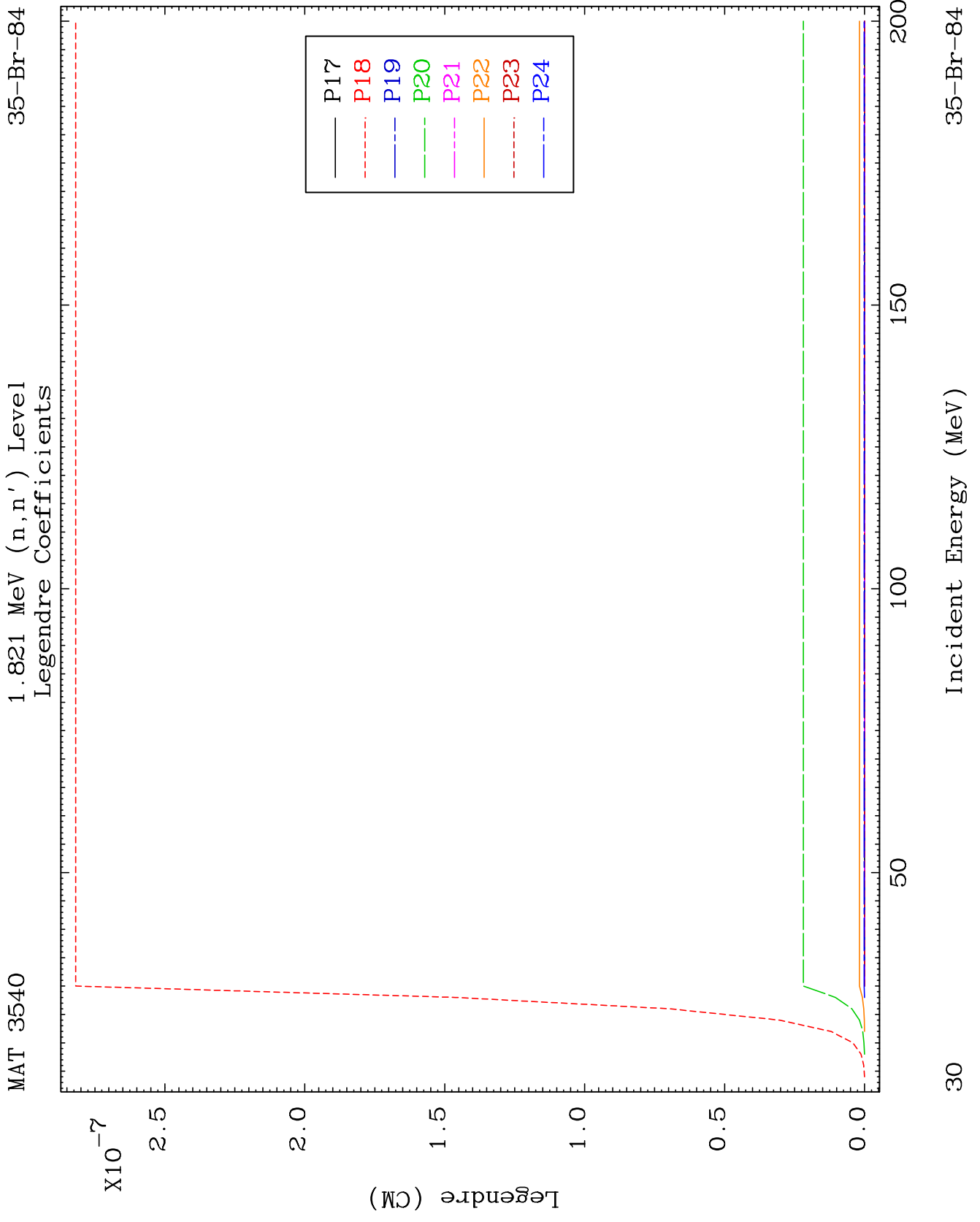


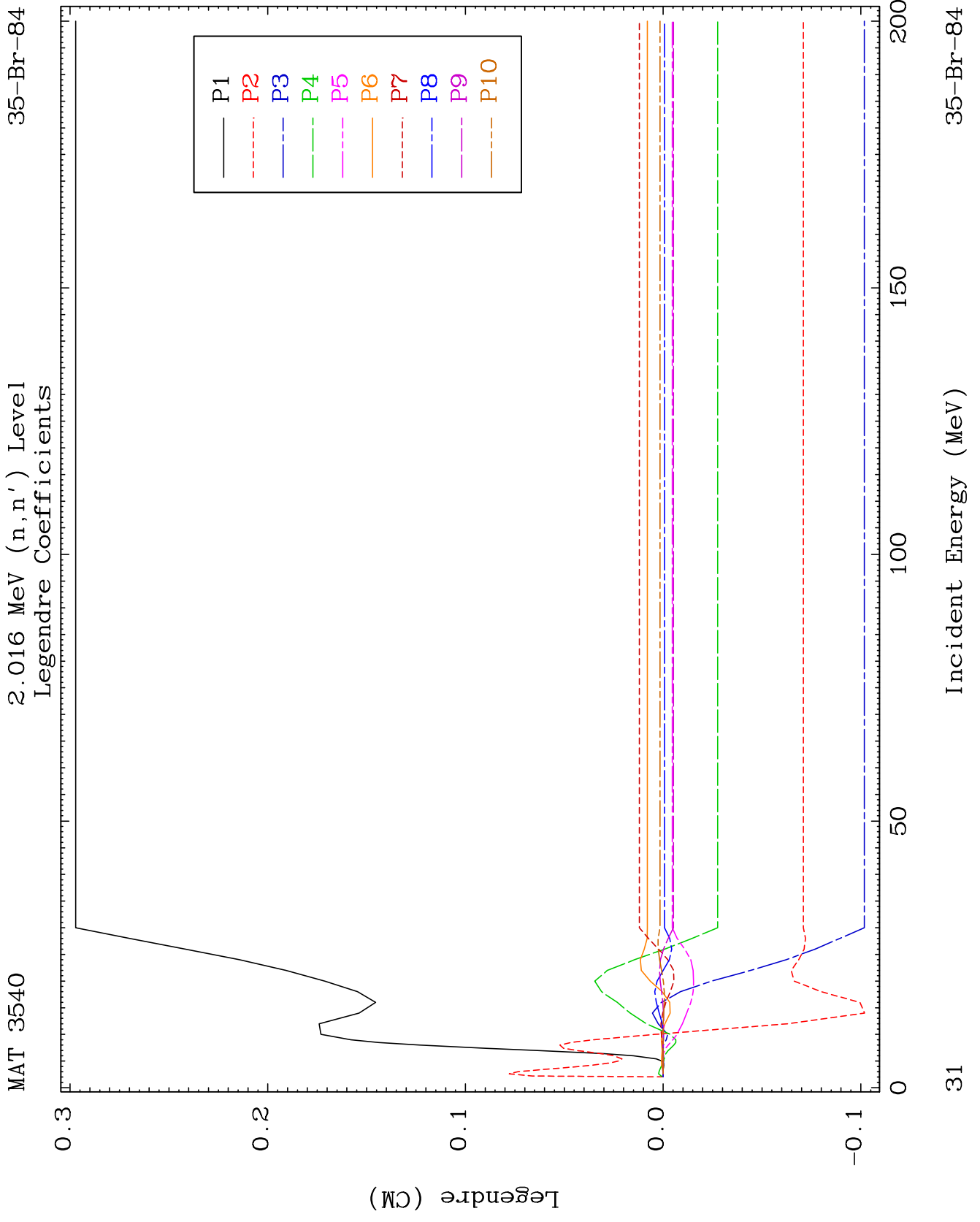
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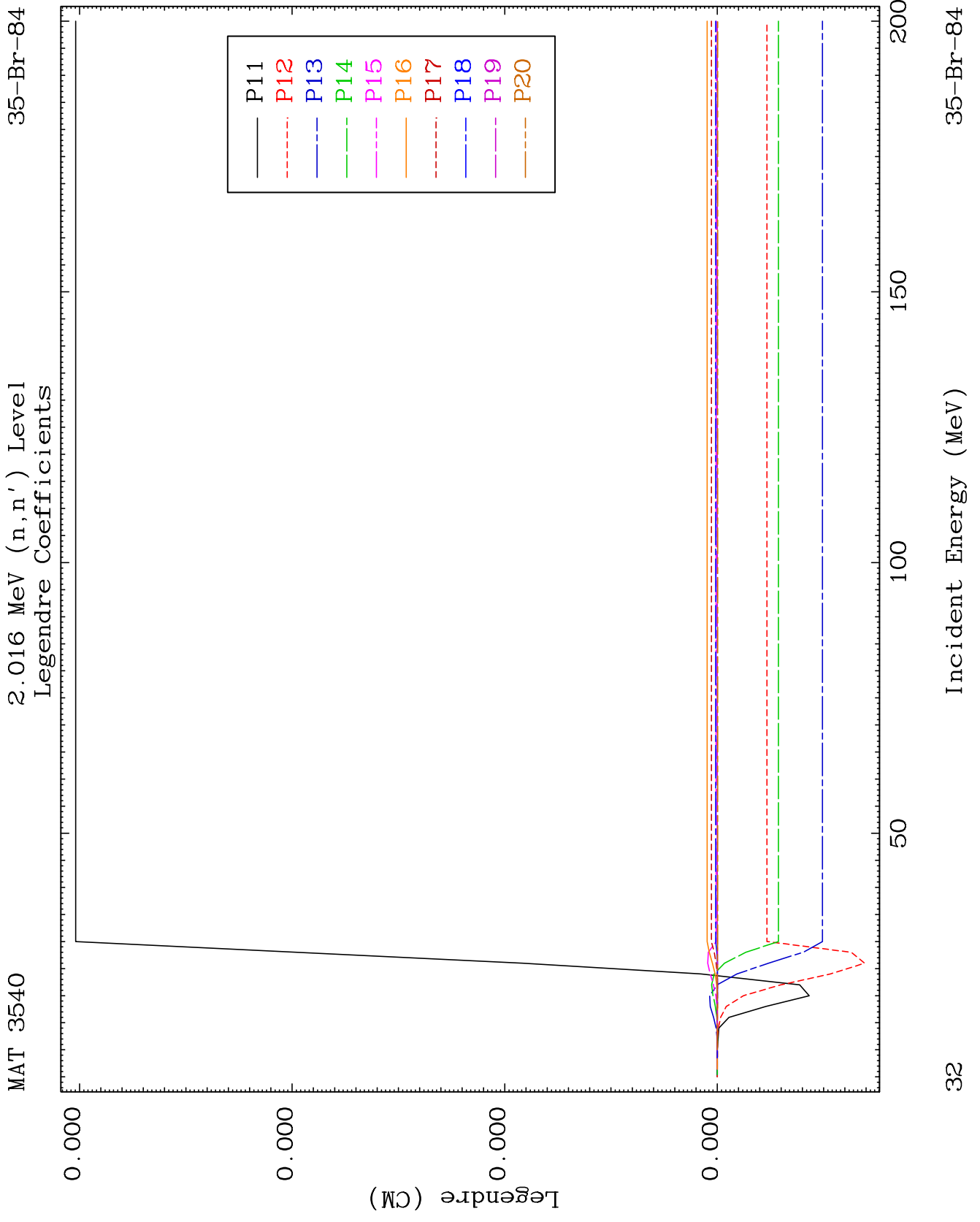
Incident Energy (MeV)

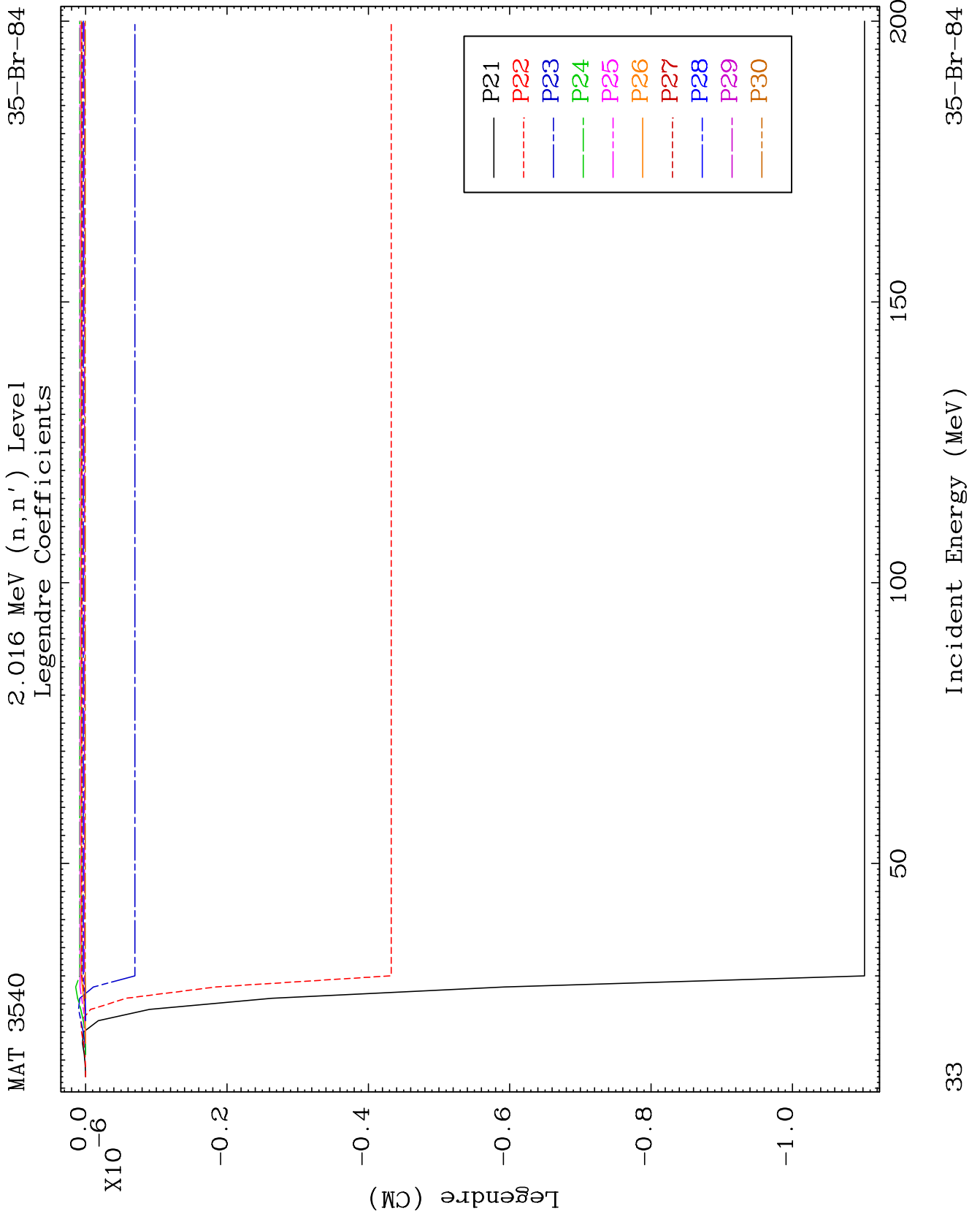
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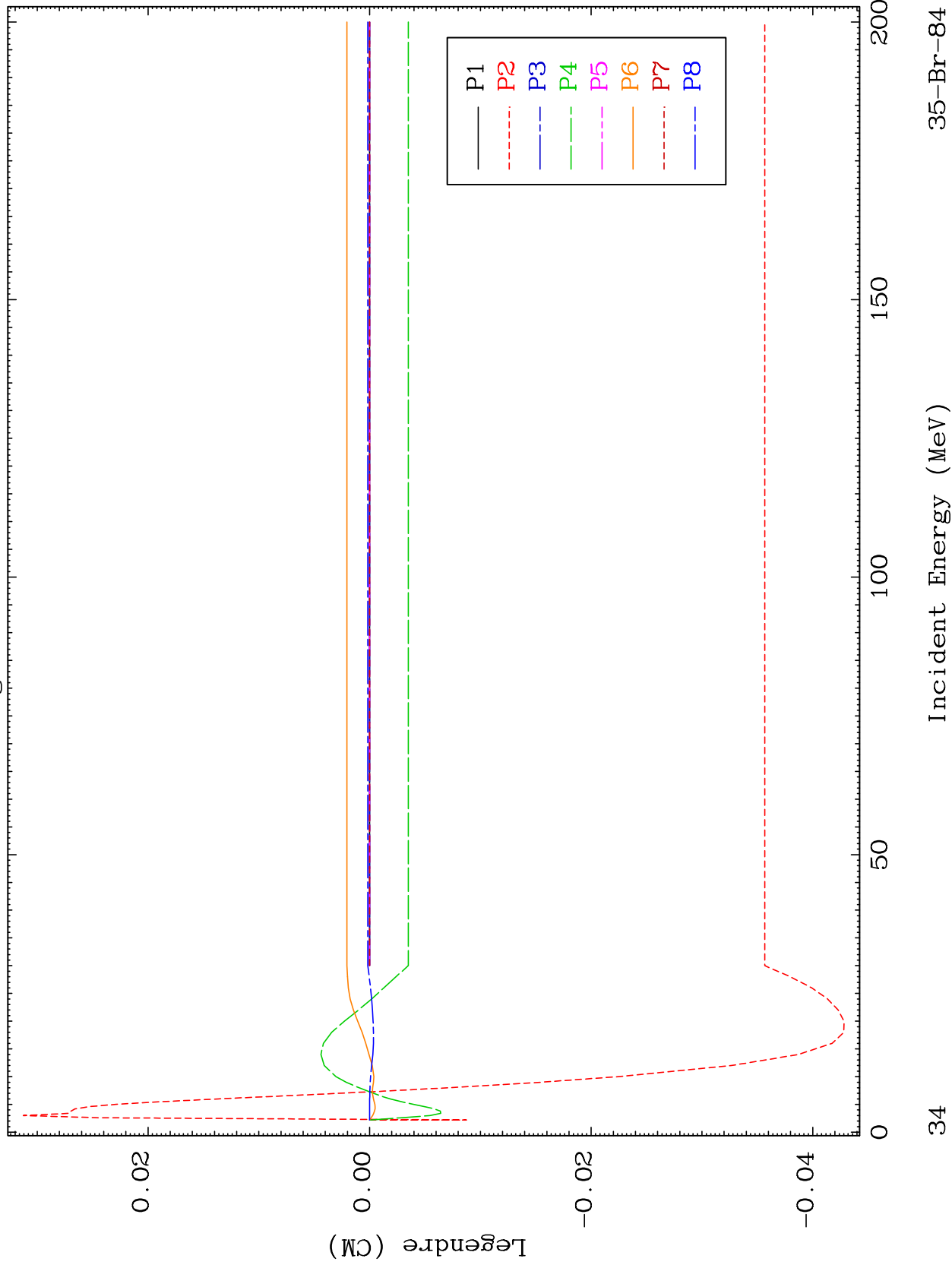


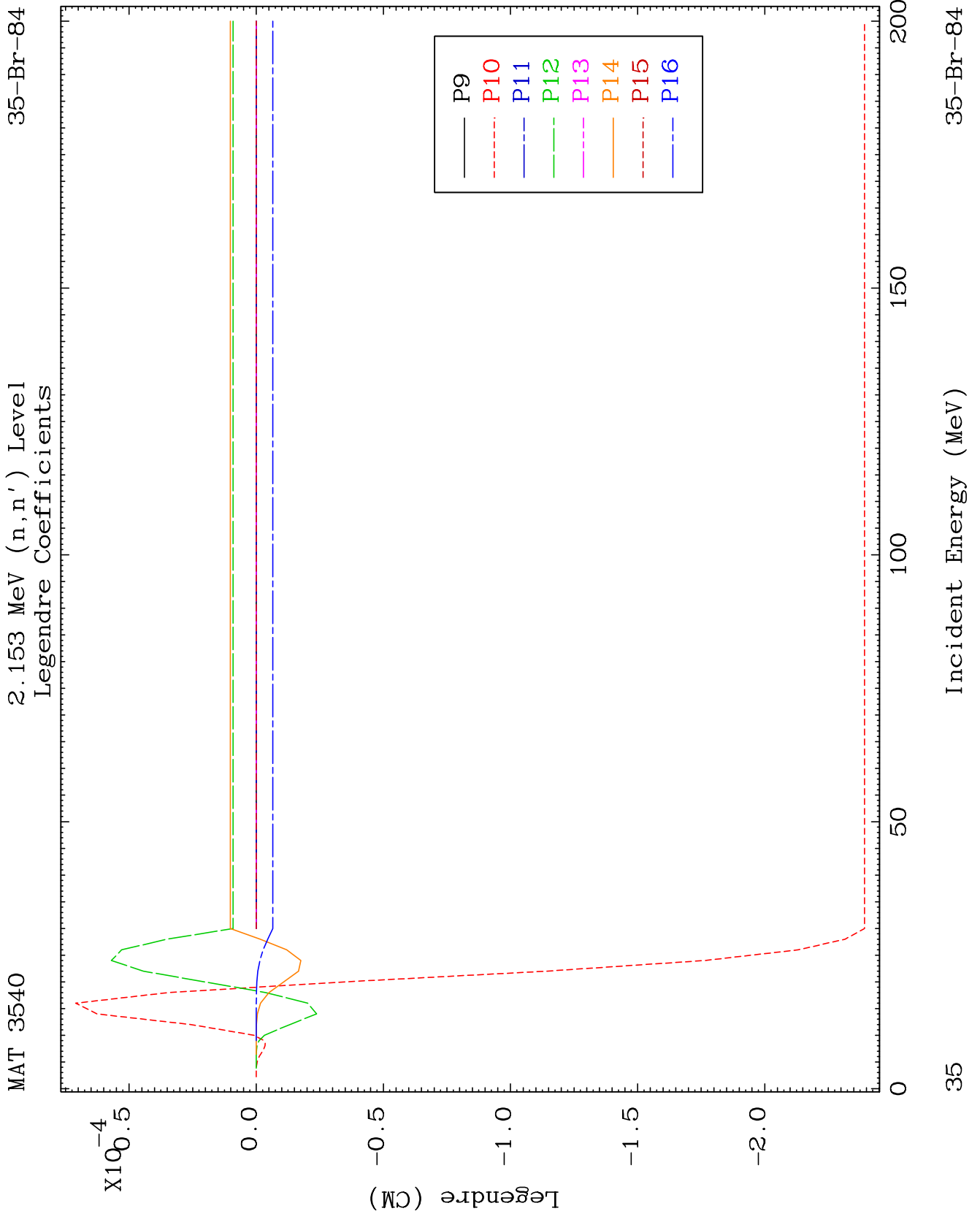


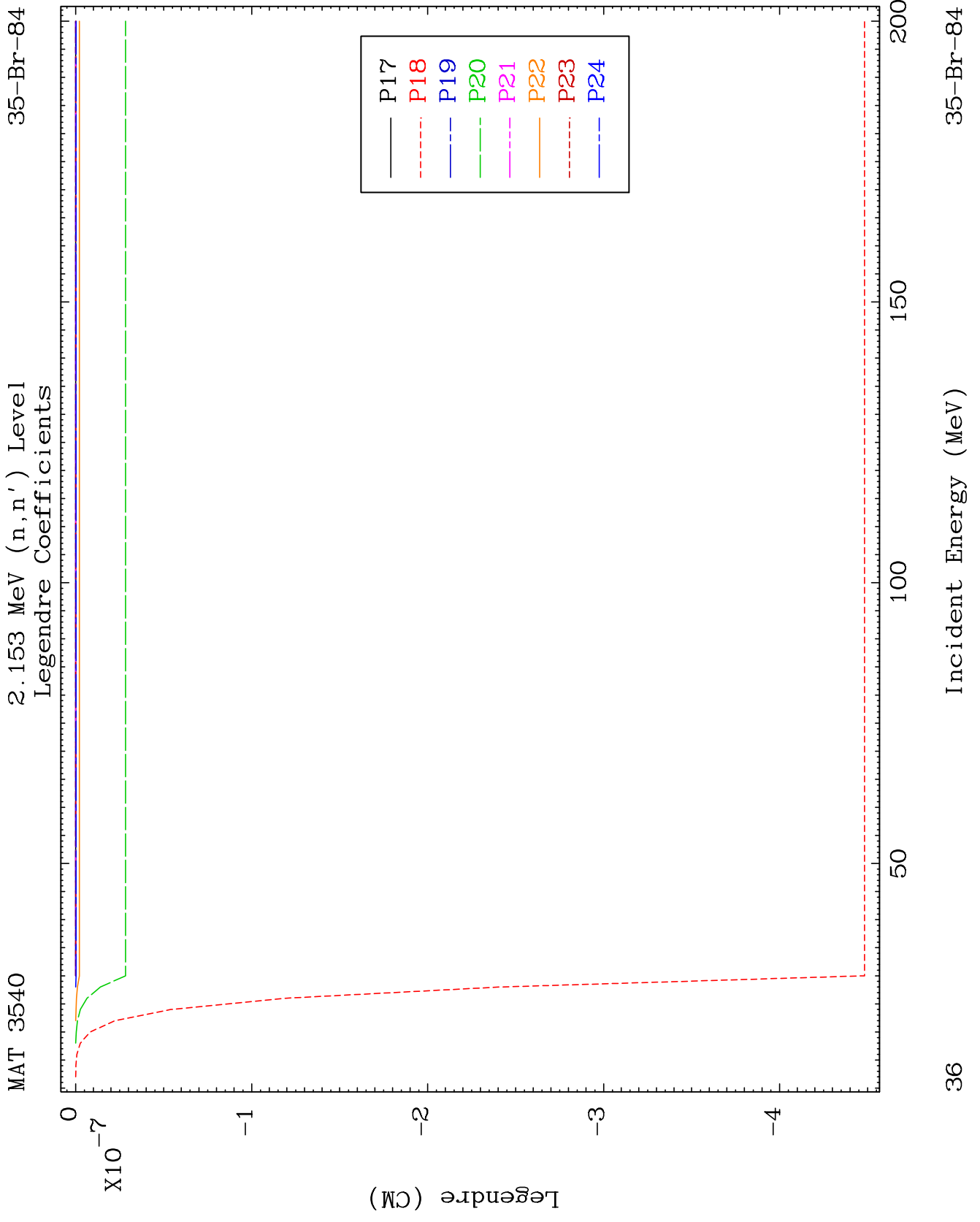
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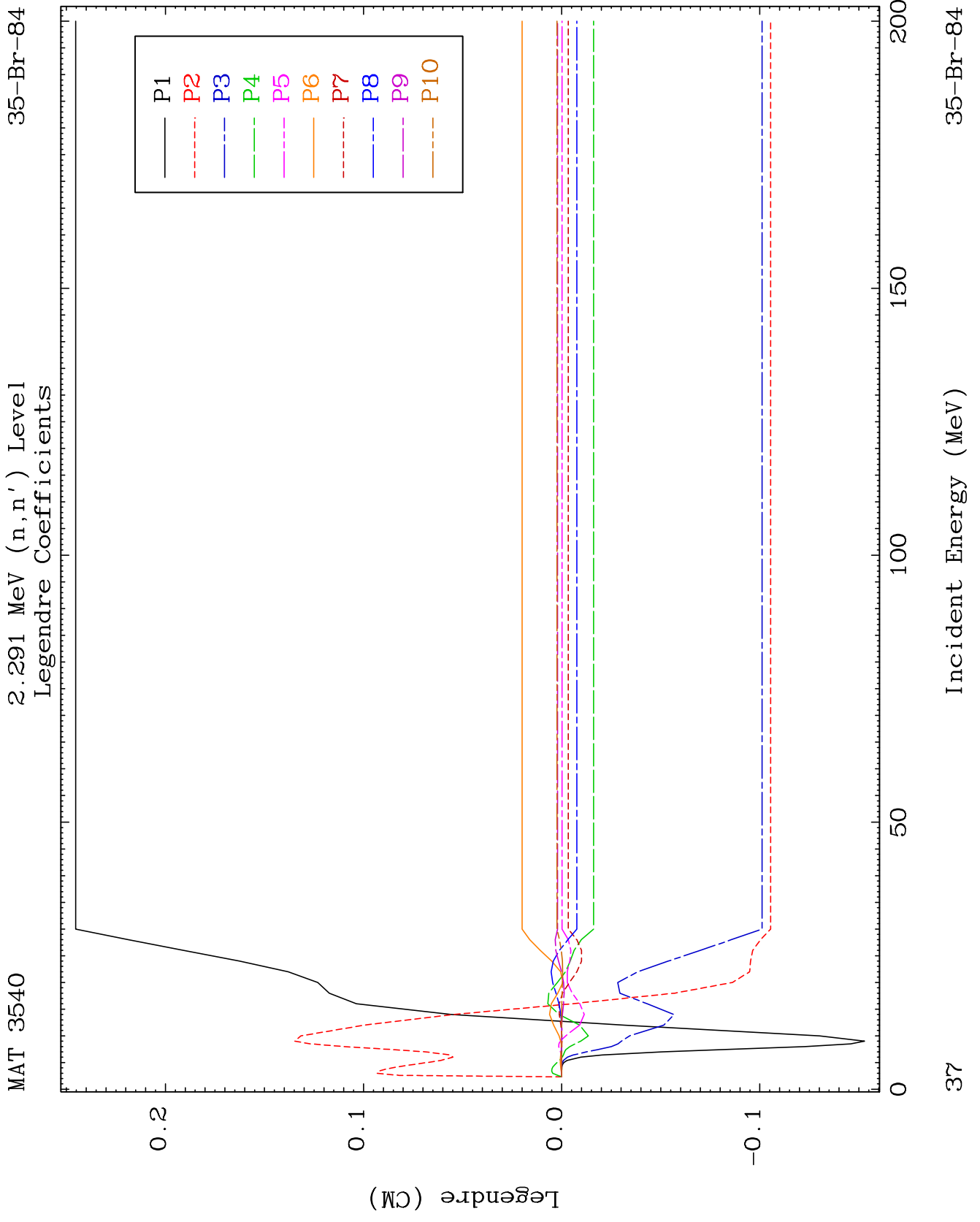
2.153 MeV (n,n') Level
Legendre Coefficients

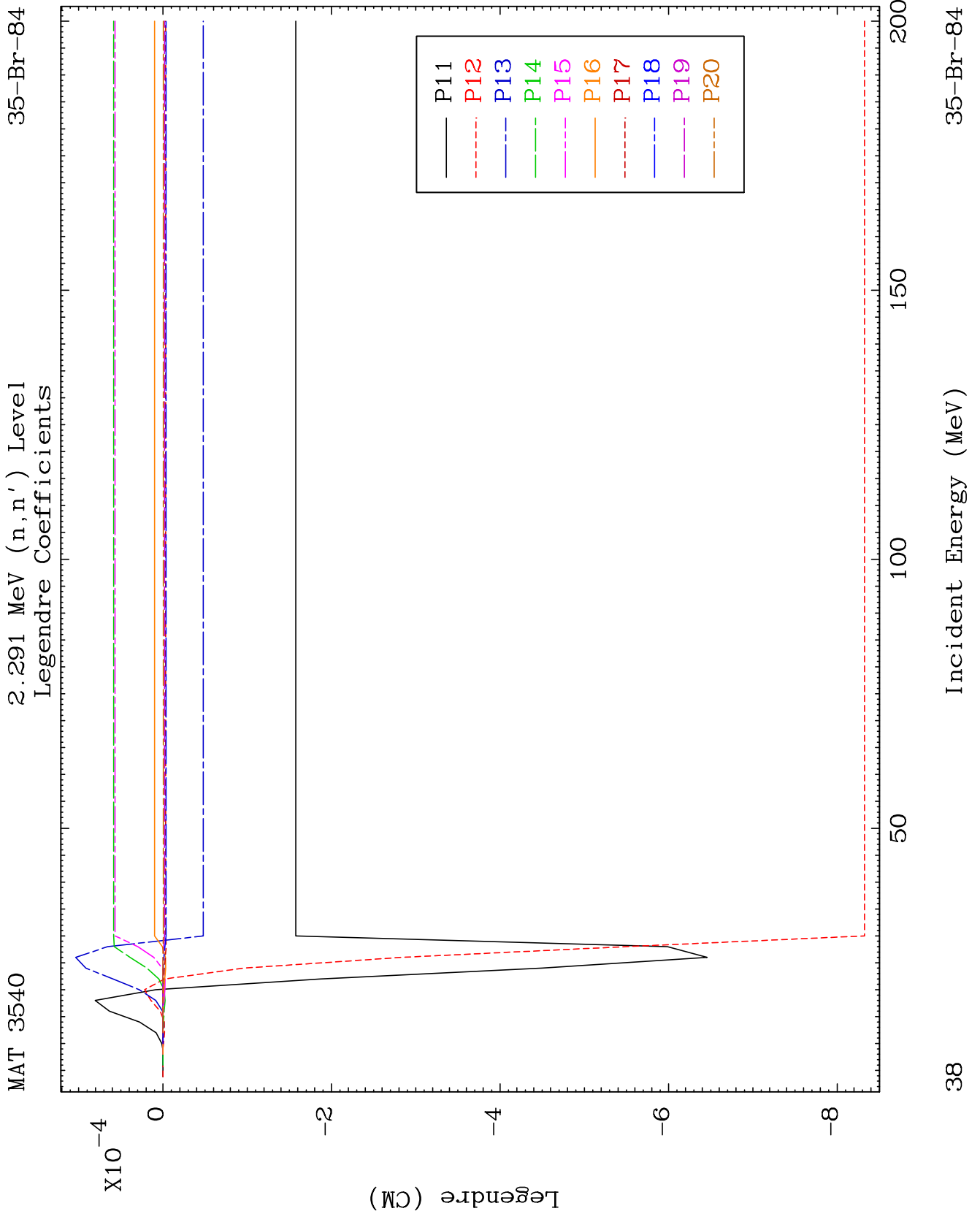
35-Br-84

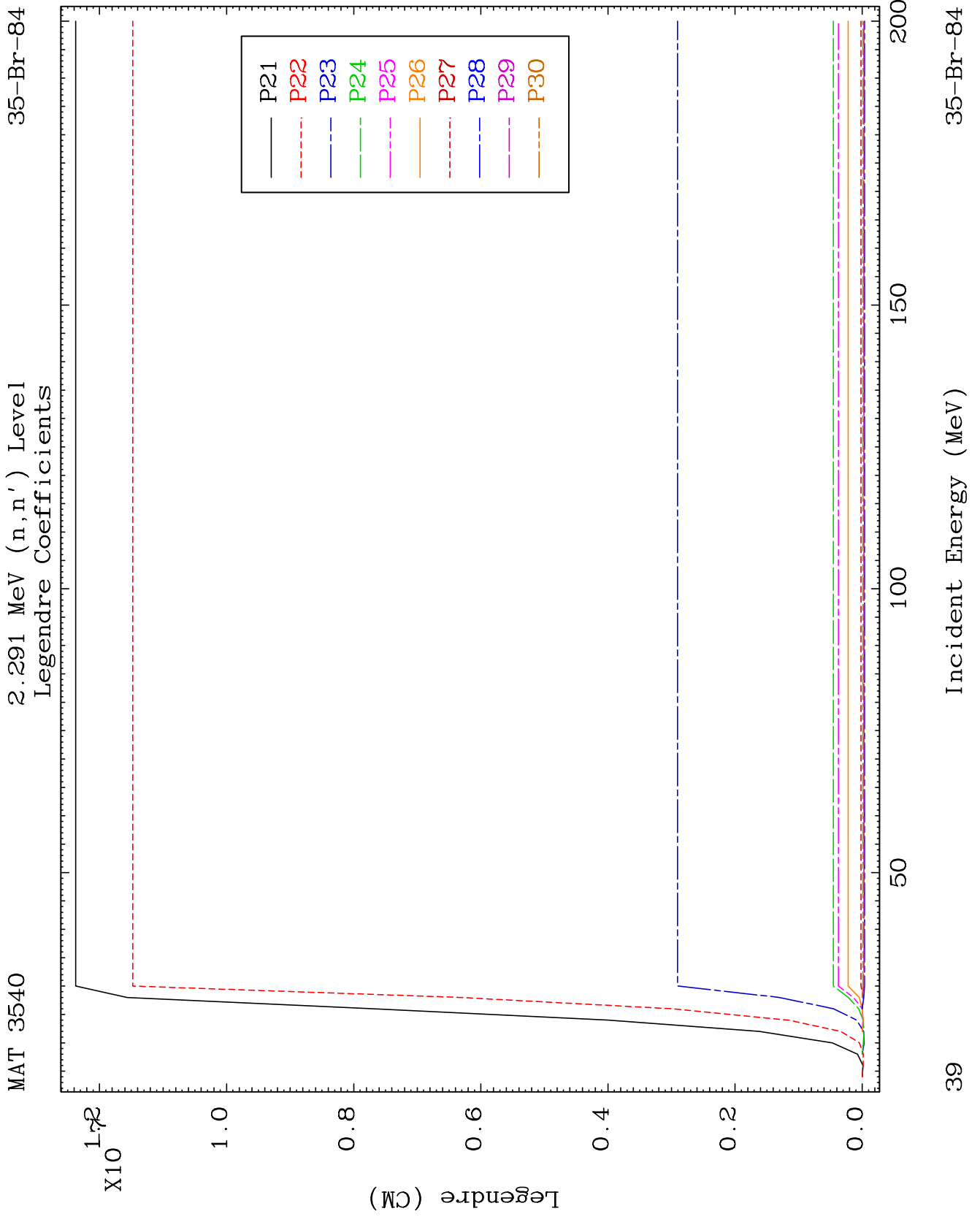








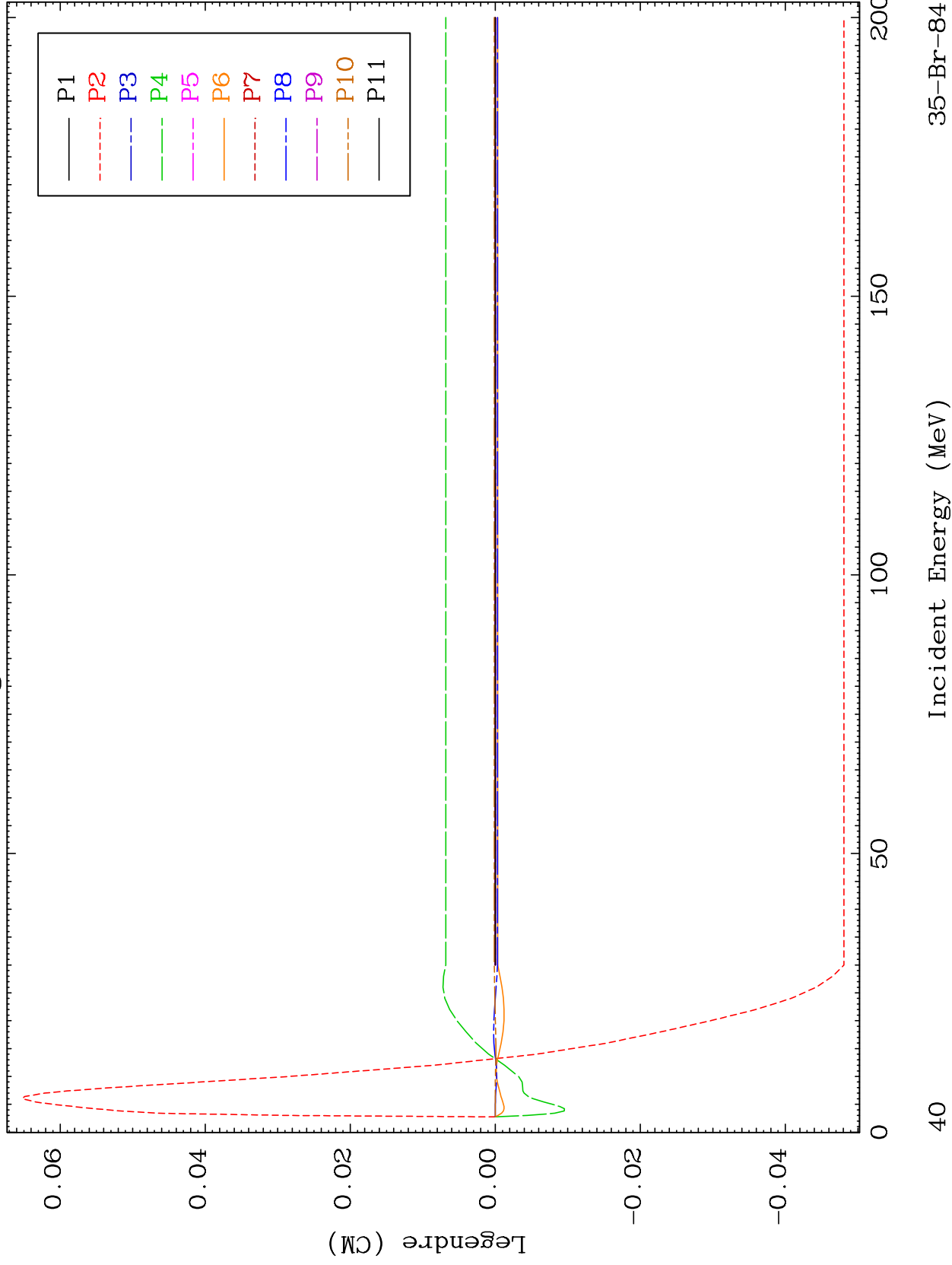




MAT 3540

2.710 MeV (n,n') Level
Legendre Coefficients

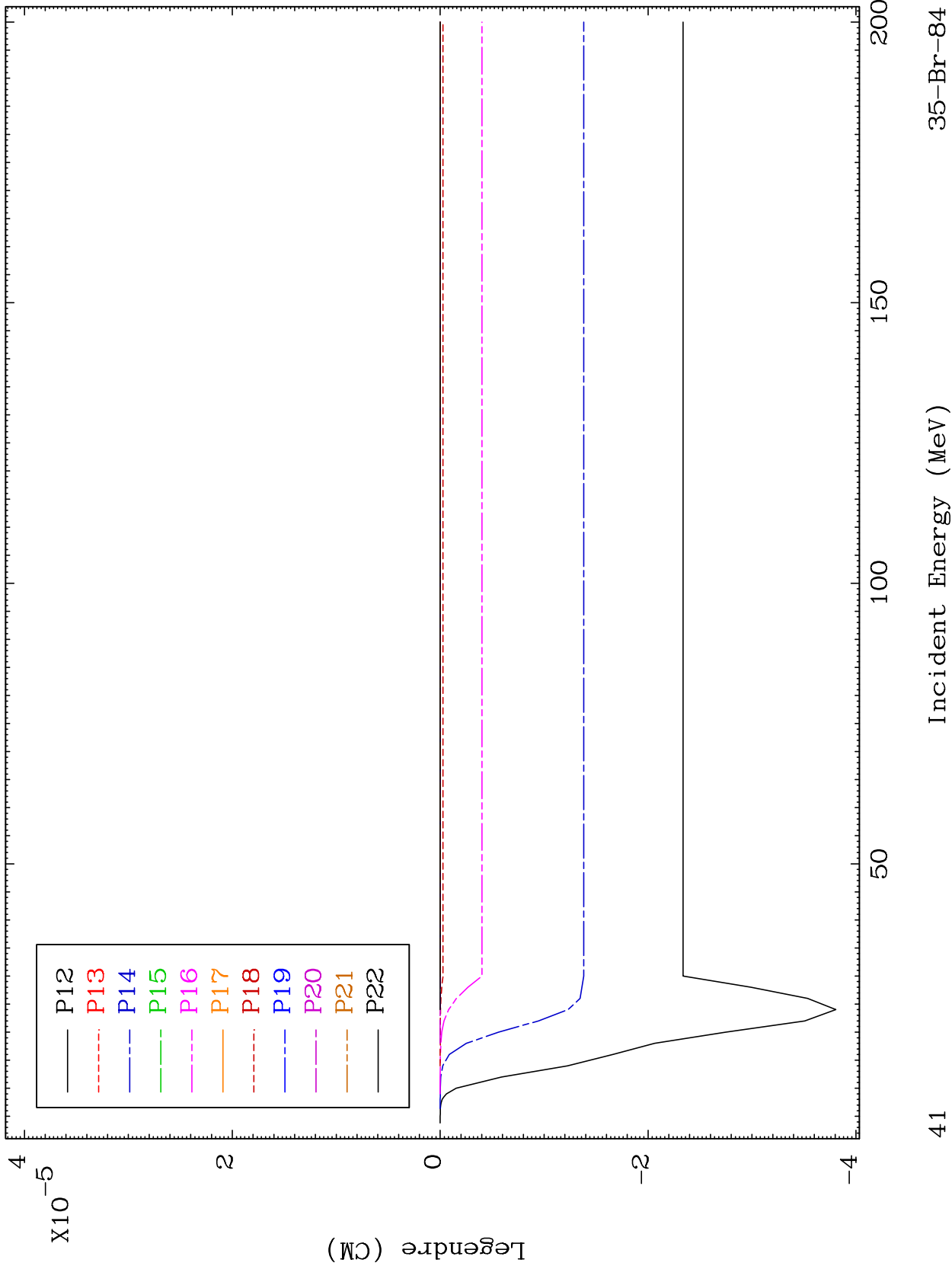
35-Br-84



MAT 3540

2.710 MeV (n,n') Level
Legendre Coefficients

35-Br-84



41

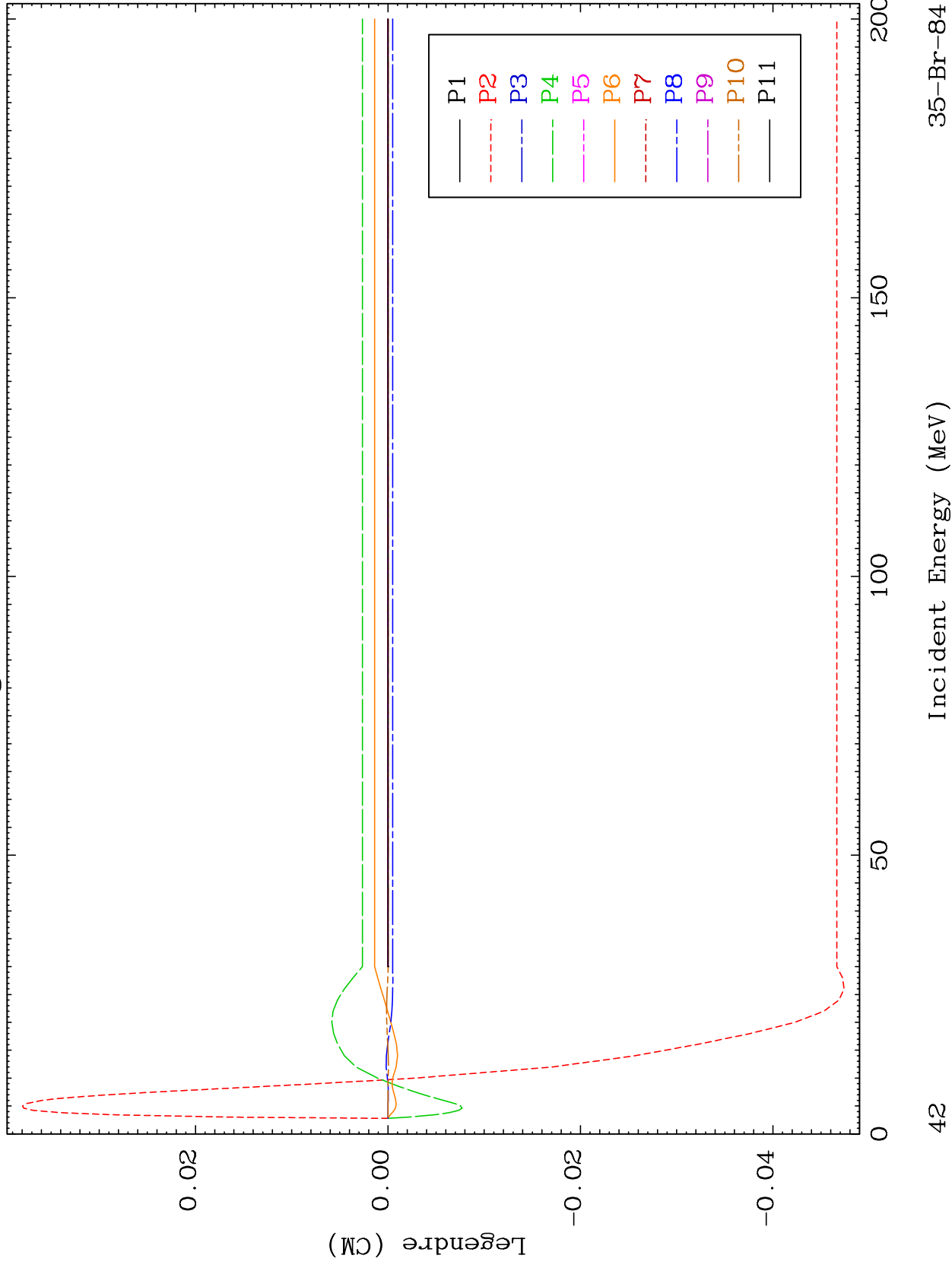
Incident Energy (MeV)

35-Br-84

MAT 3540

2.742 MeV (n, n') Level
Legendre Coefficients

35-Br-84



42

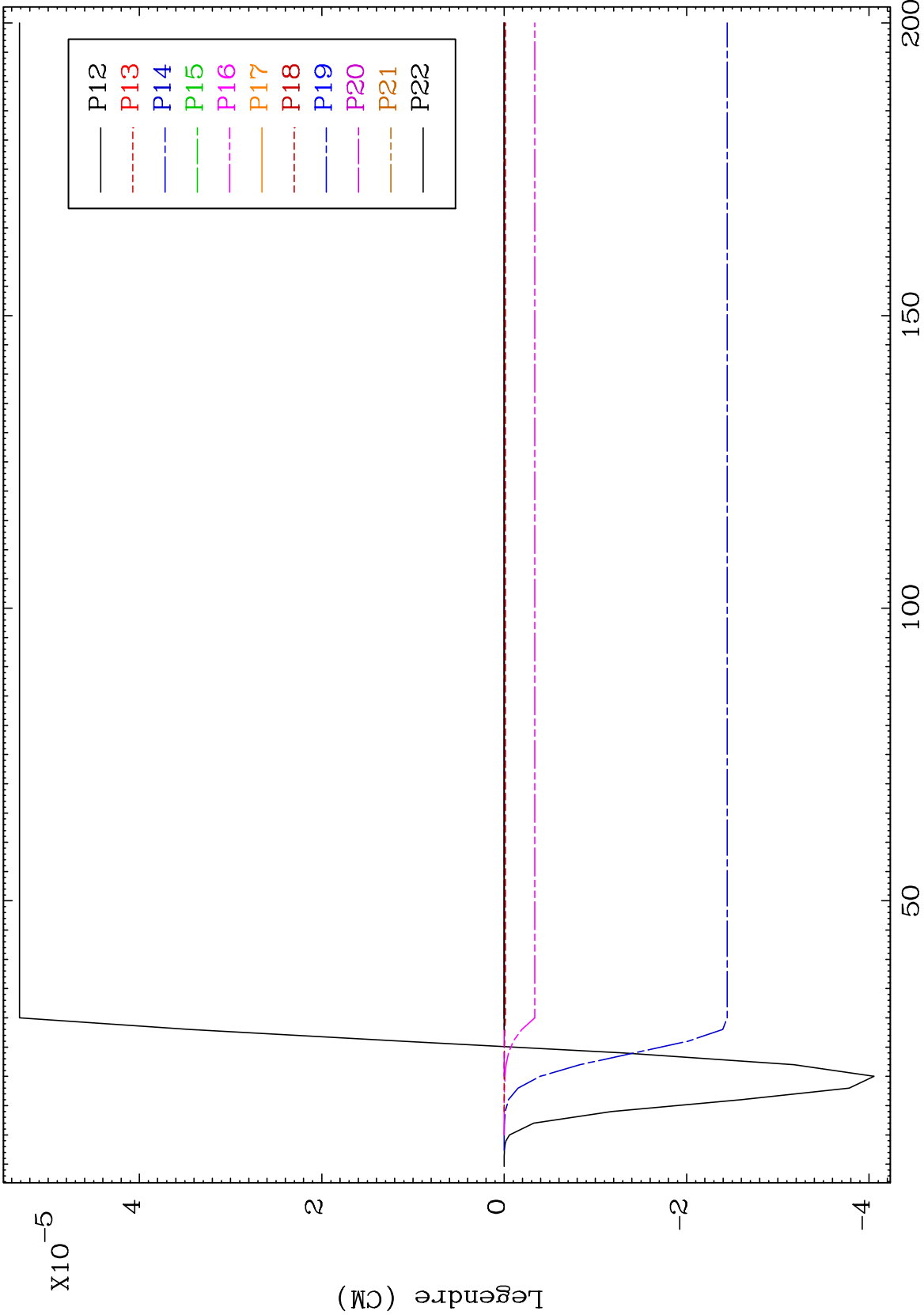
Incident Energy (MeV)

35-Br-84

MAT 3540

2.742 MeV (n,n') Level
Legendre Coefficients

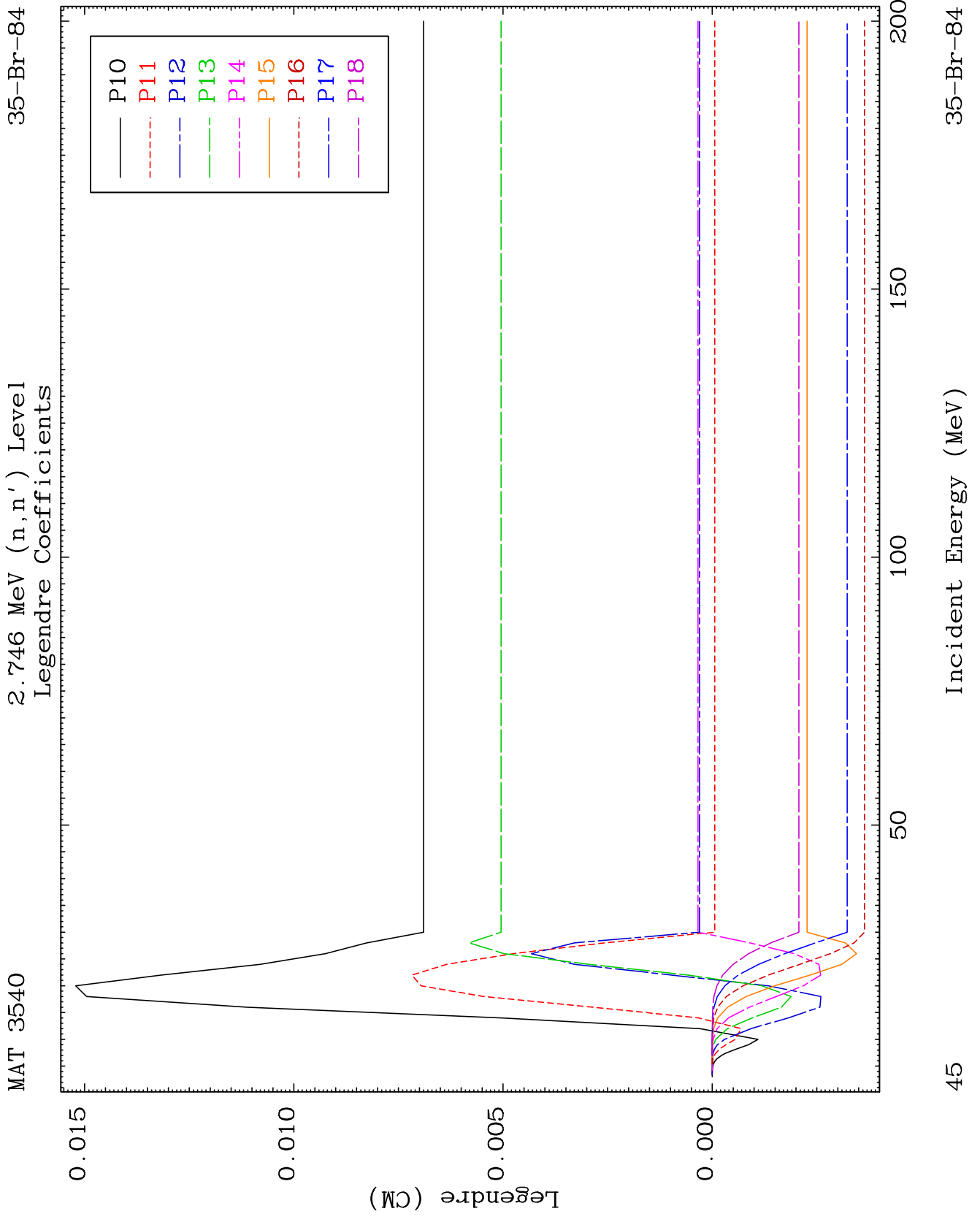
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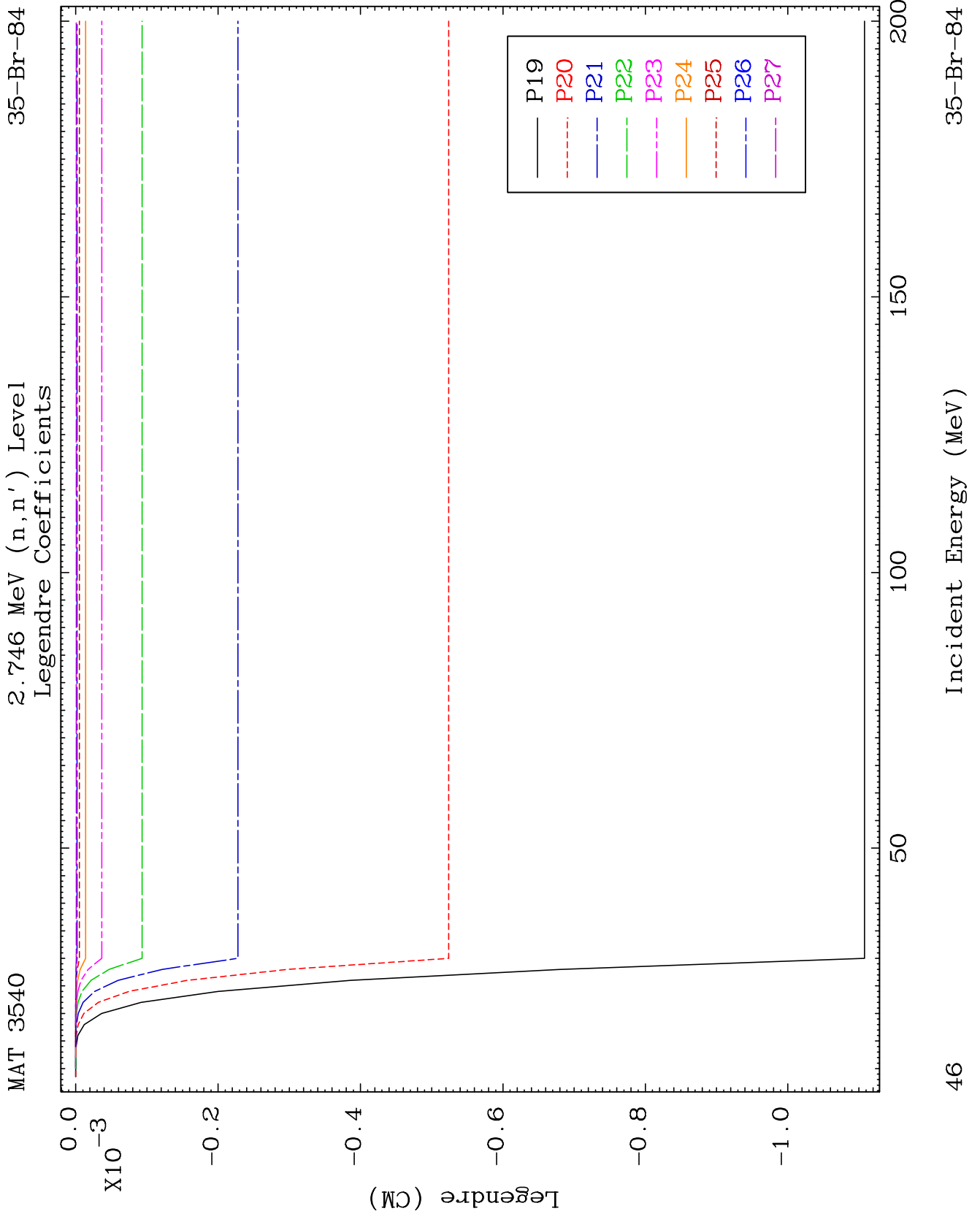


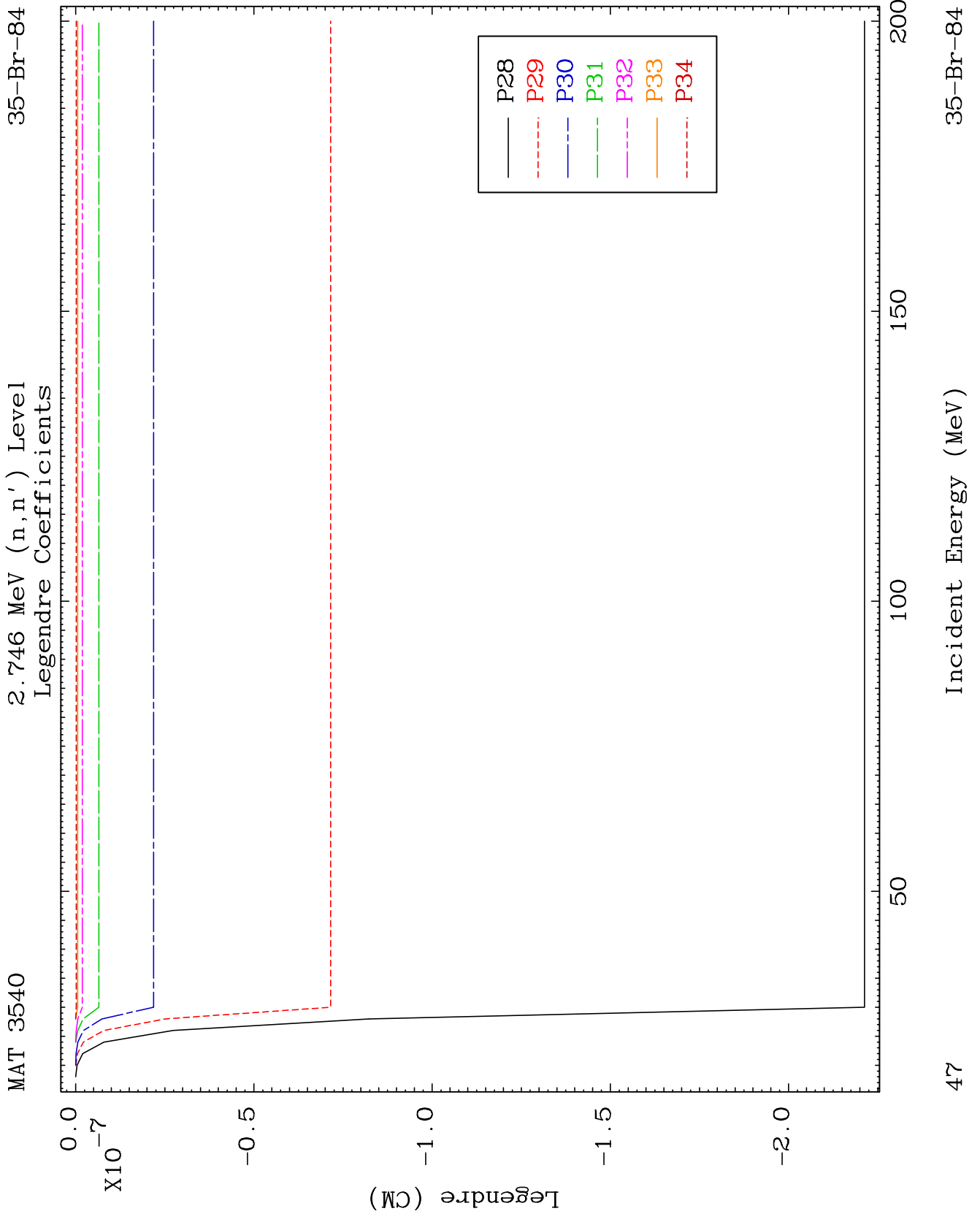
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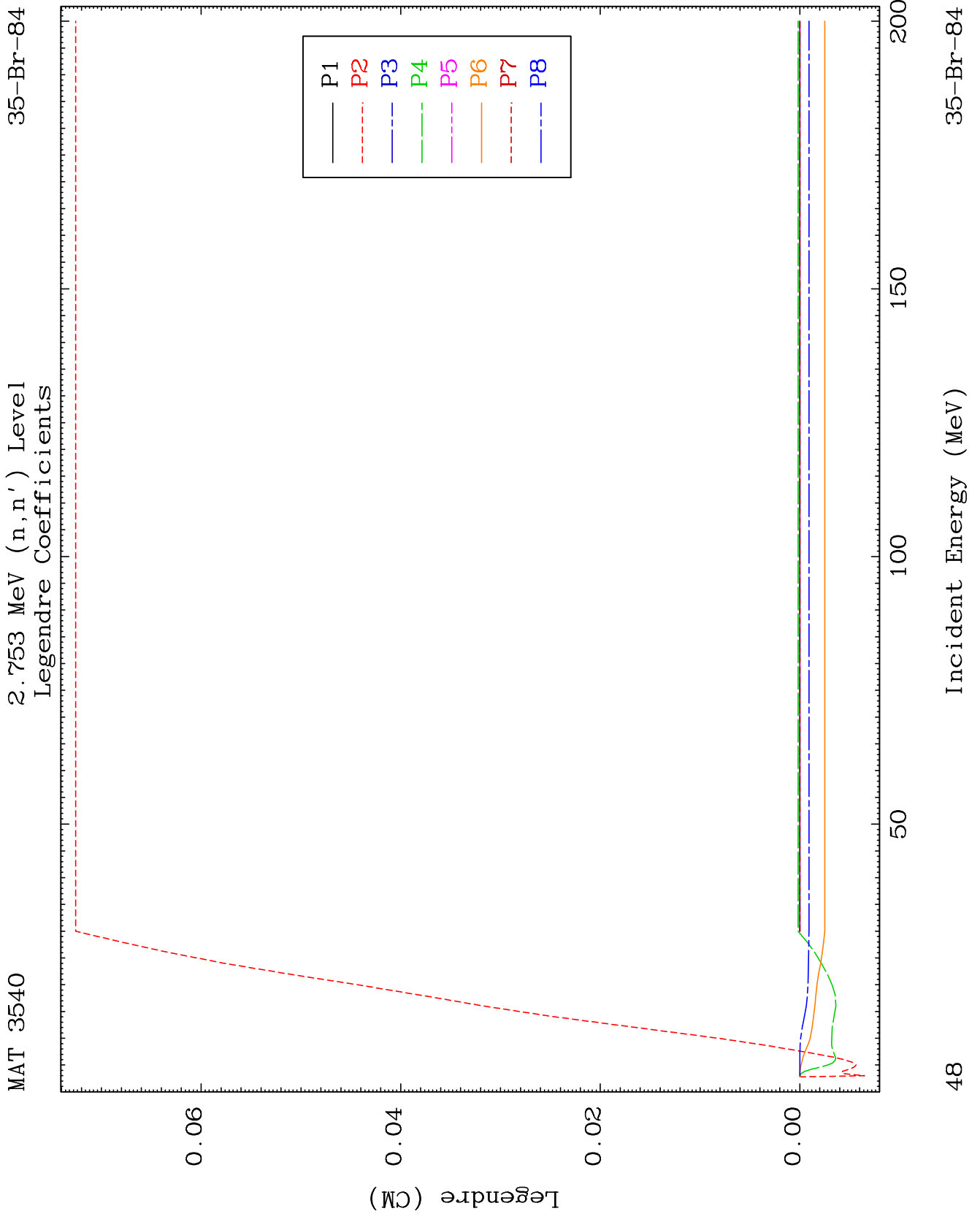
Incident Energy (MeV)

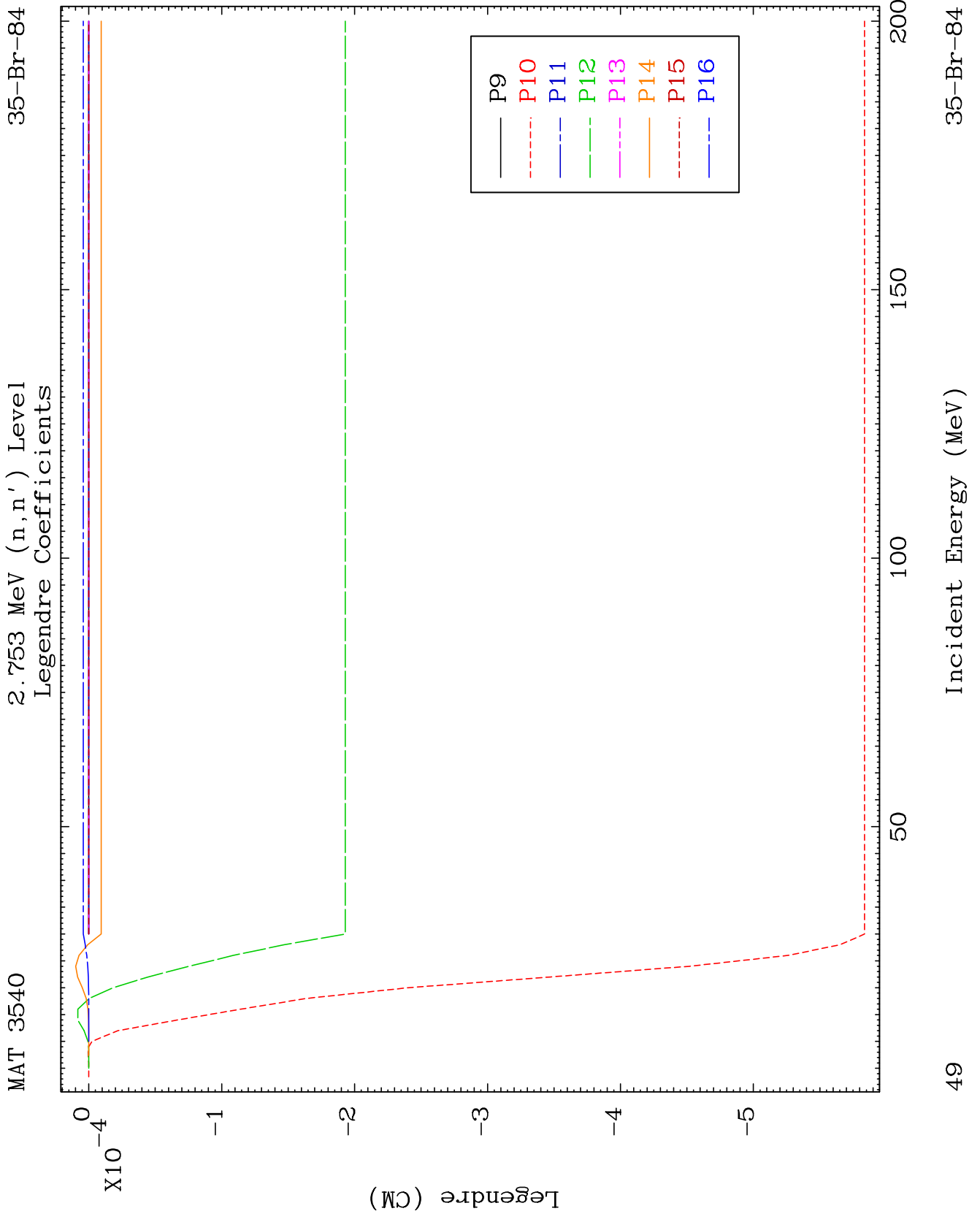
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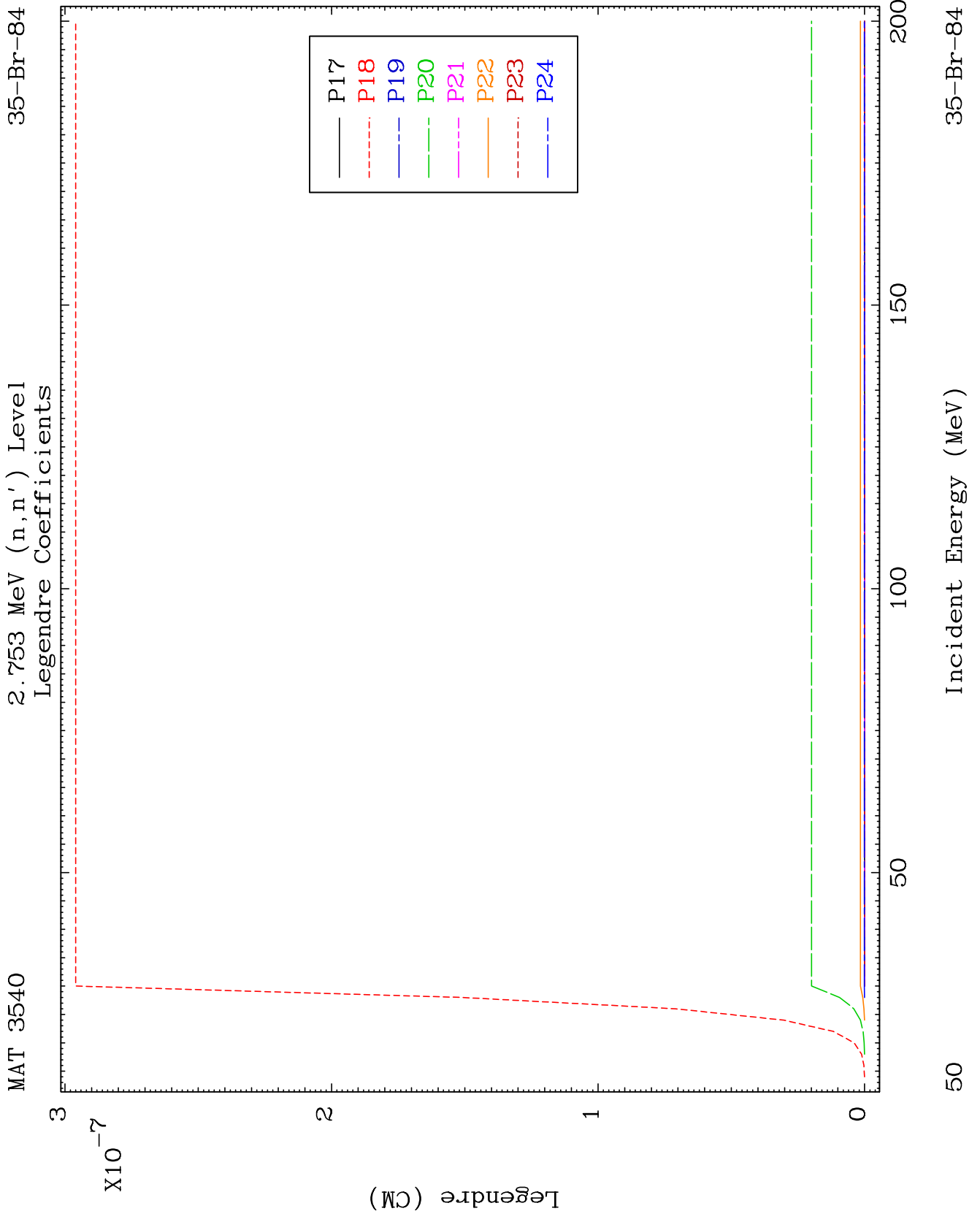


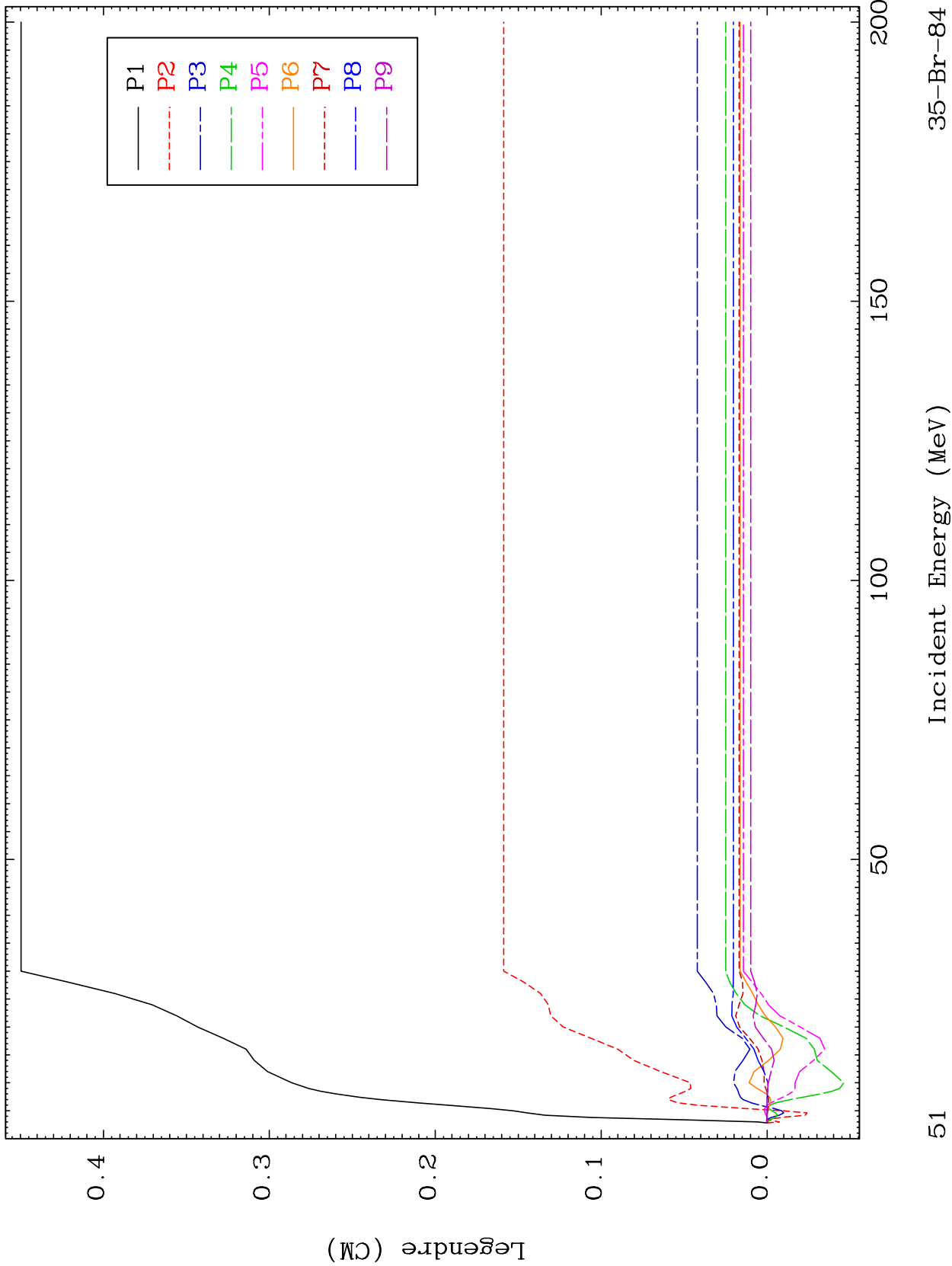








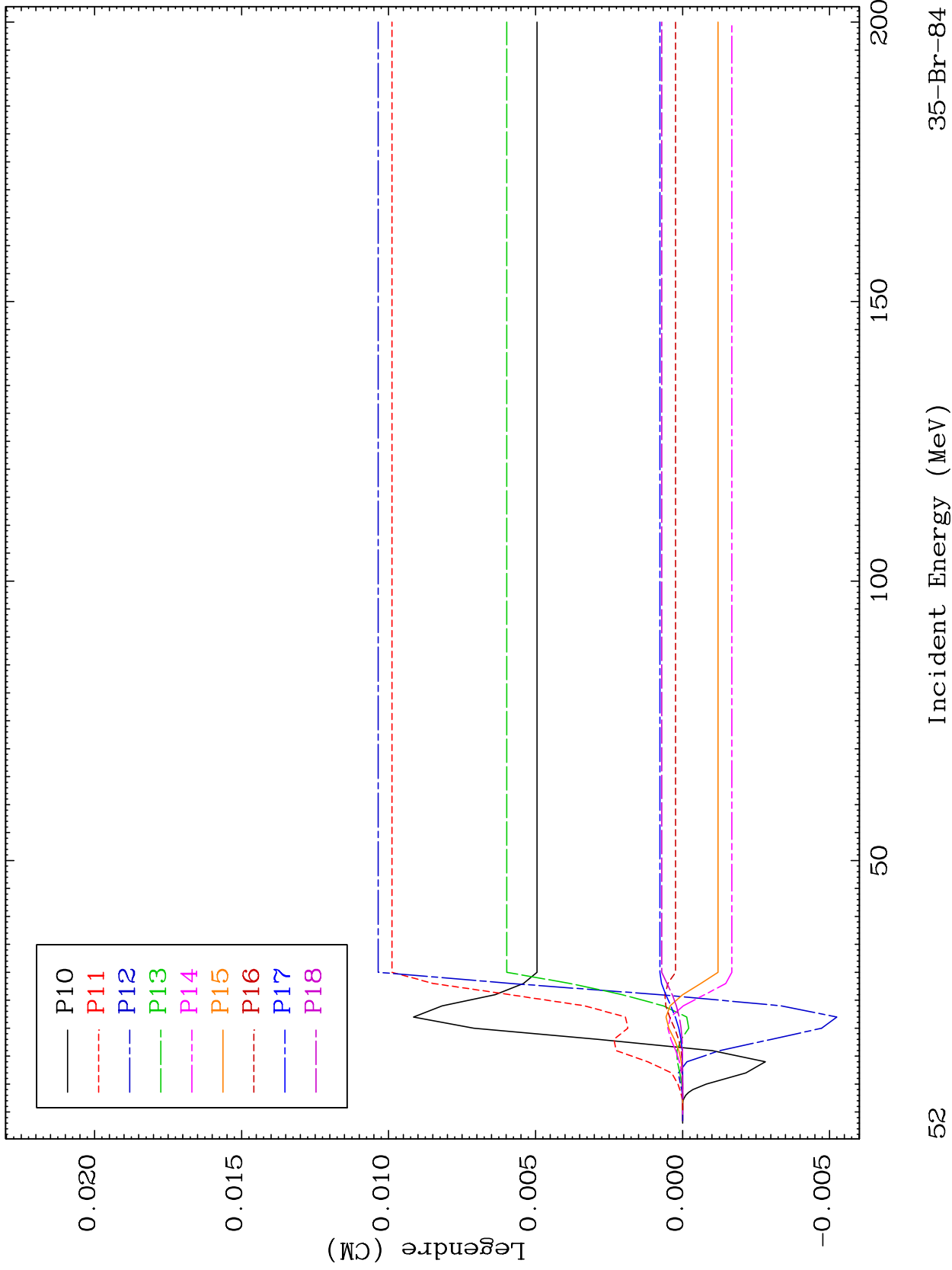




MAT 3540

2.759 MeV (n,n') Level
Legendre Coefficients

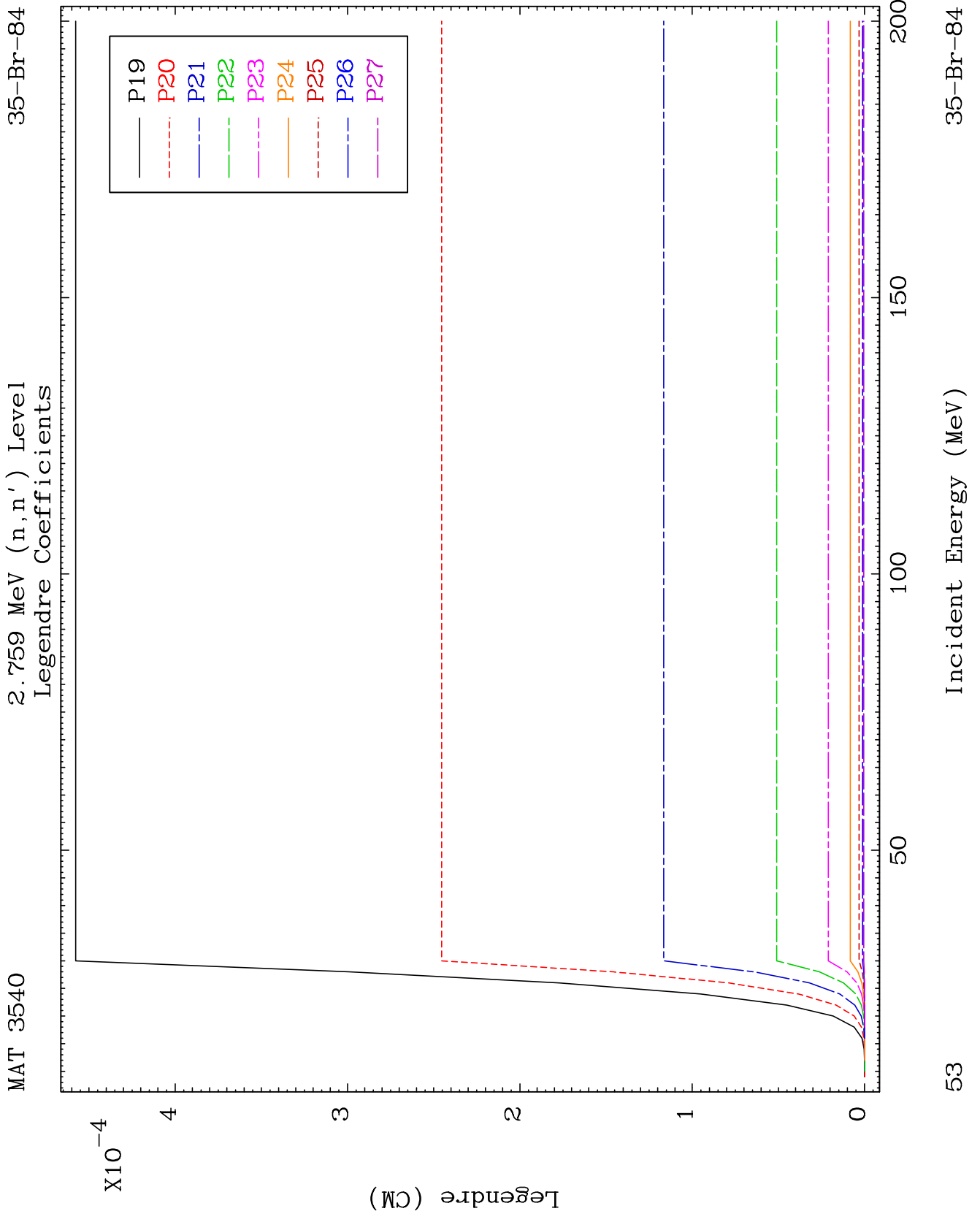
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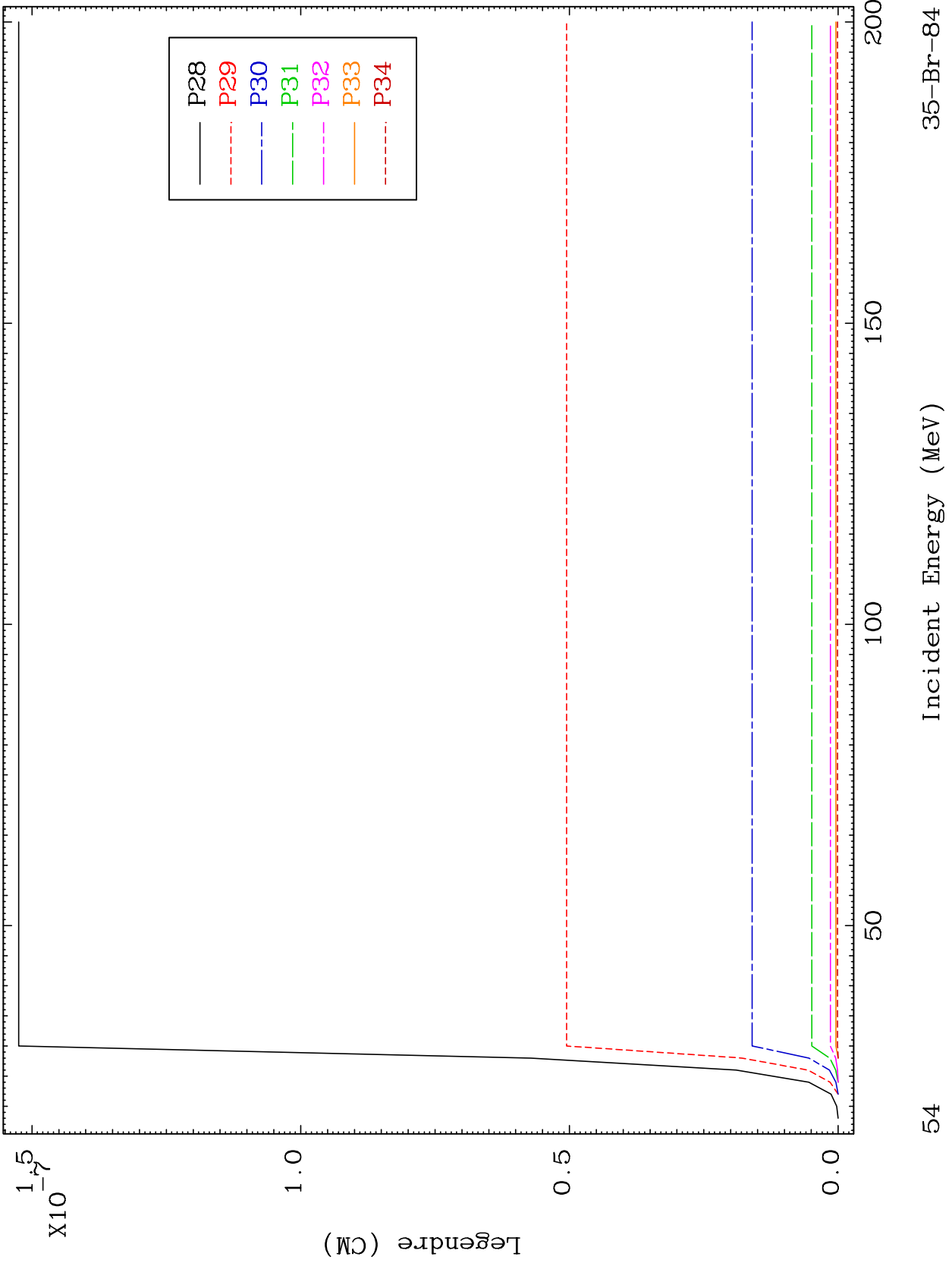


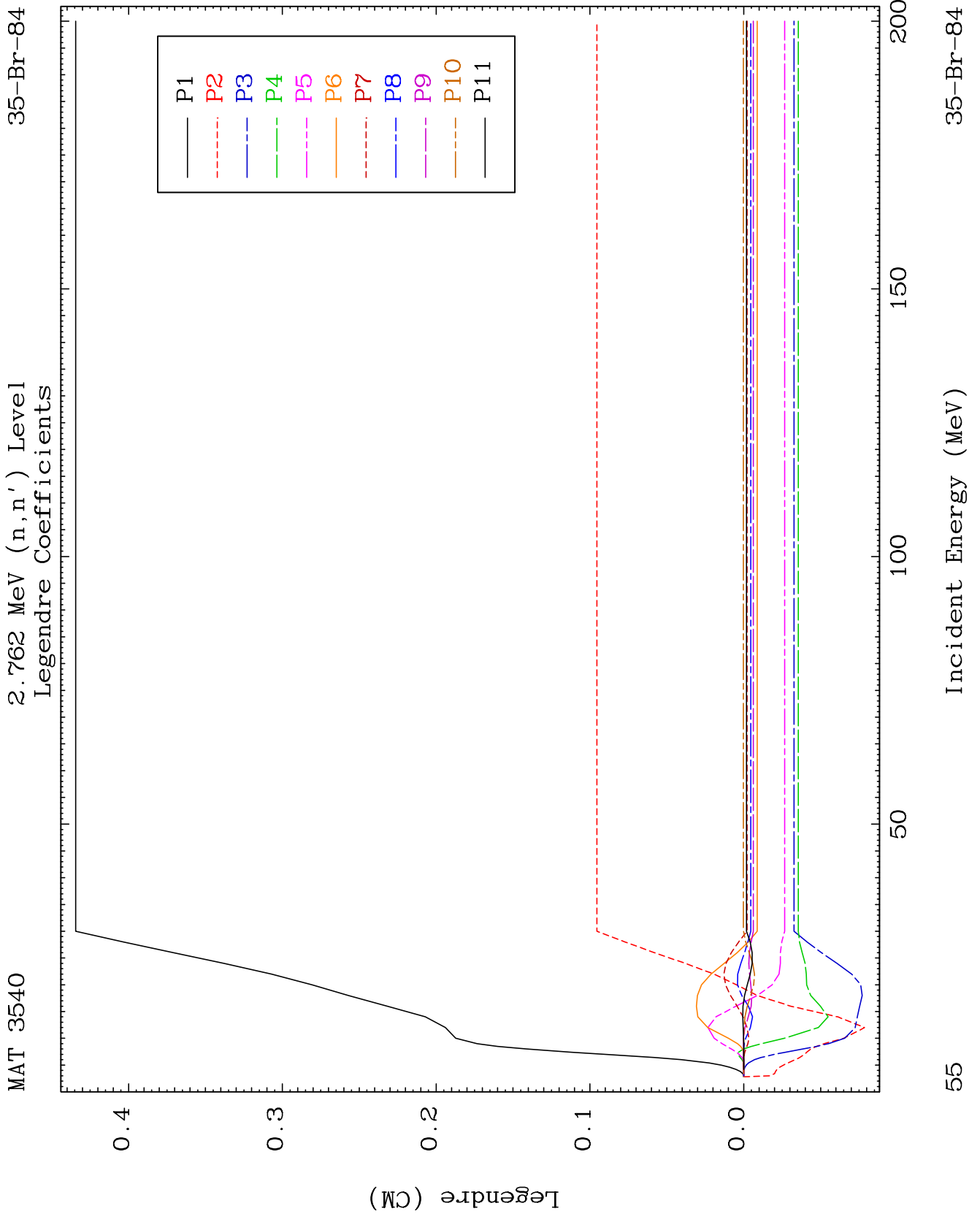
52

Incident Energy (MeV)

35-Br-84



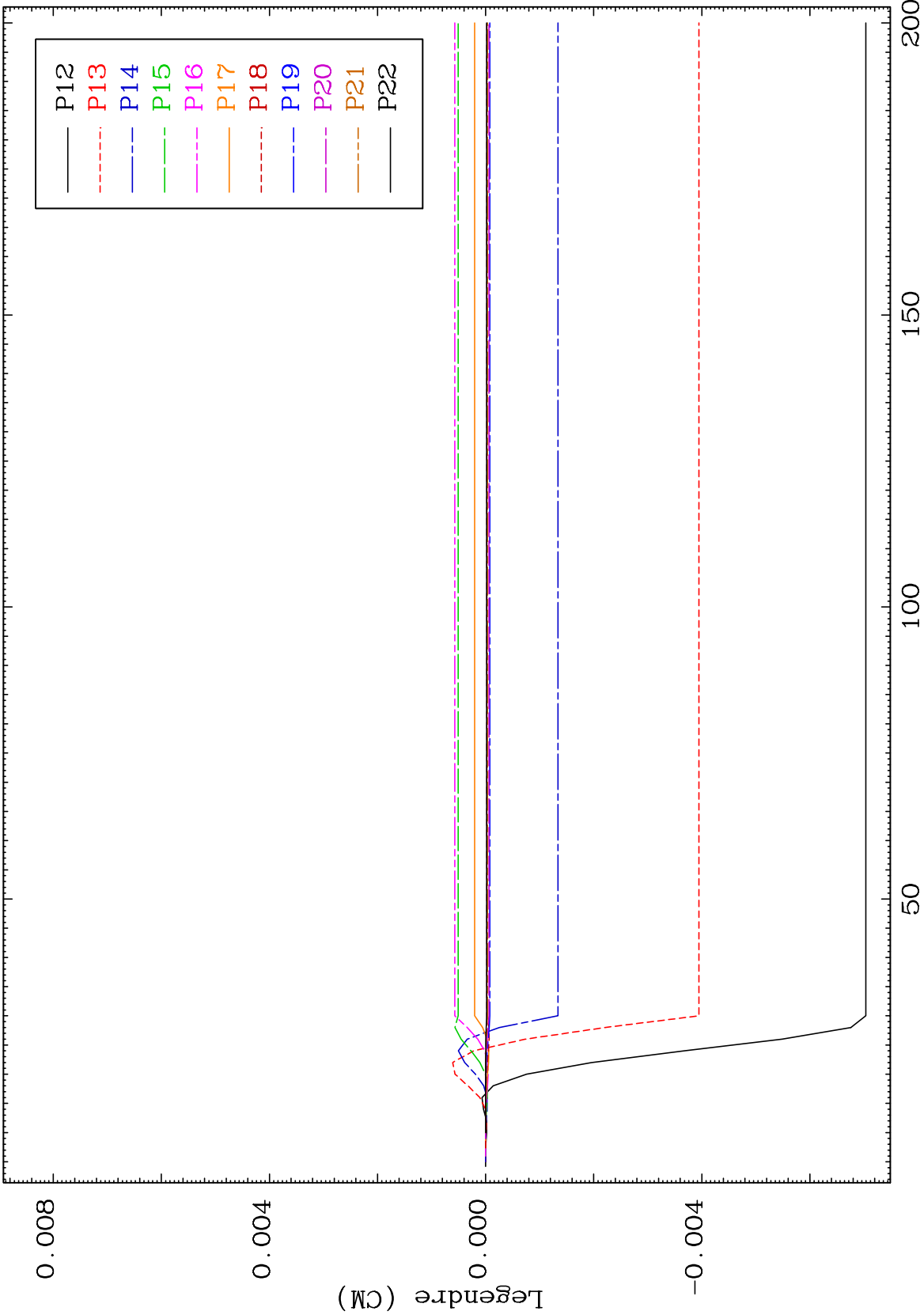




MAT 3540

2.762 MeV (n,n') Level
Legendre Coefficients

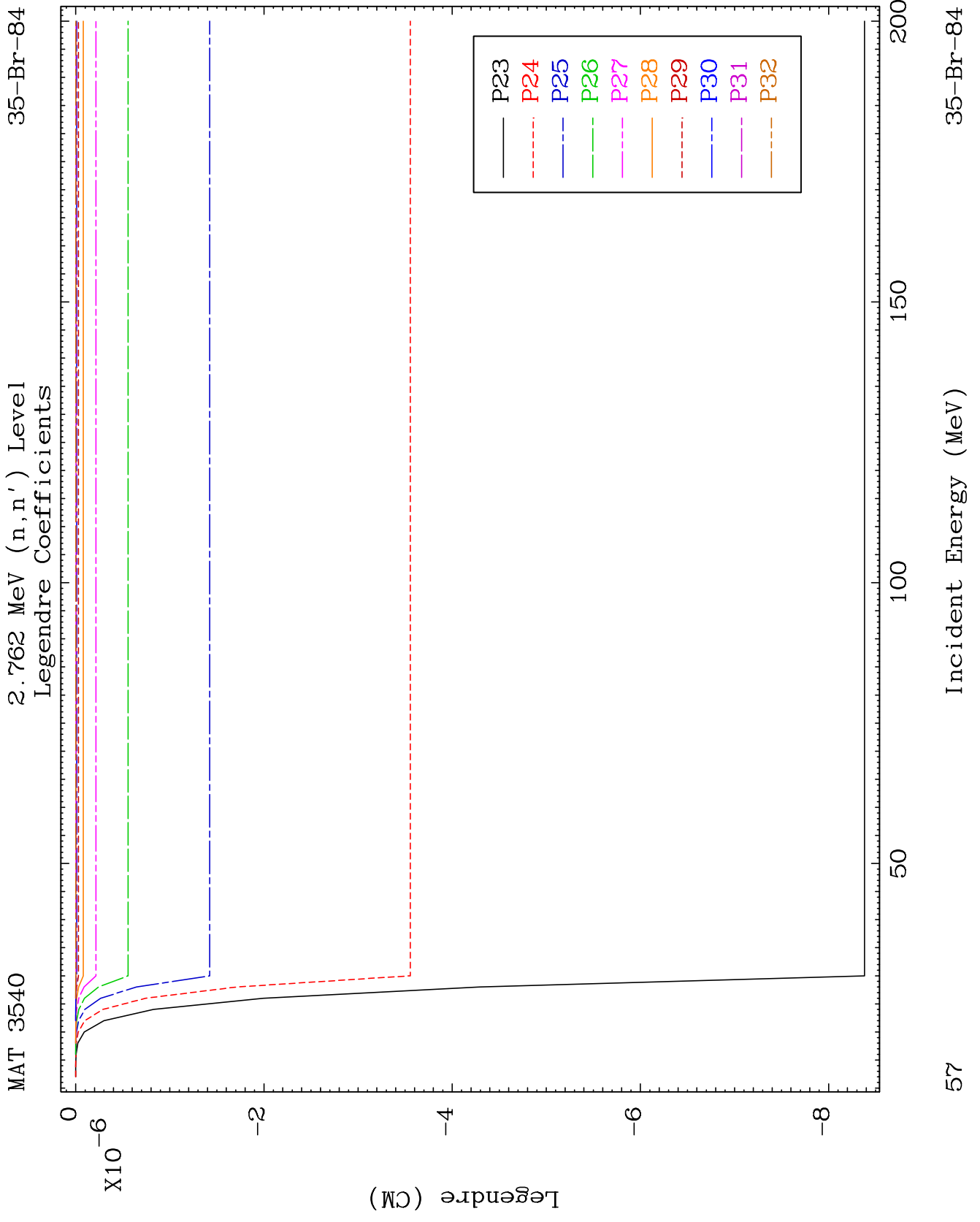
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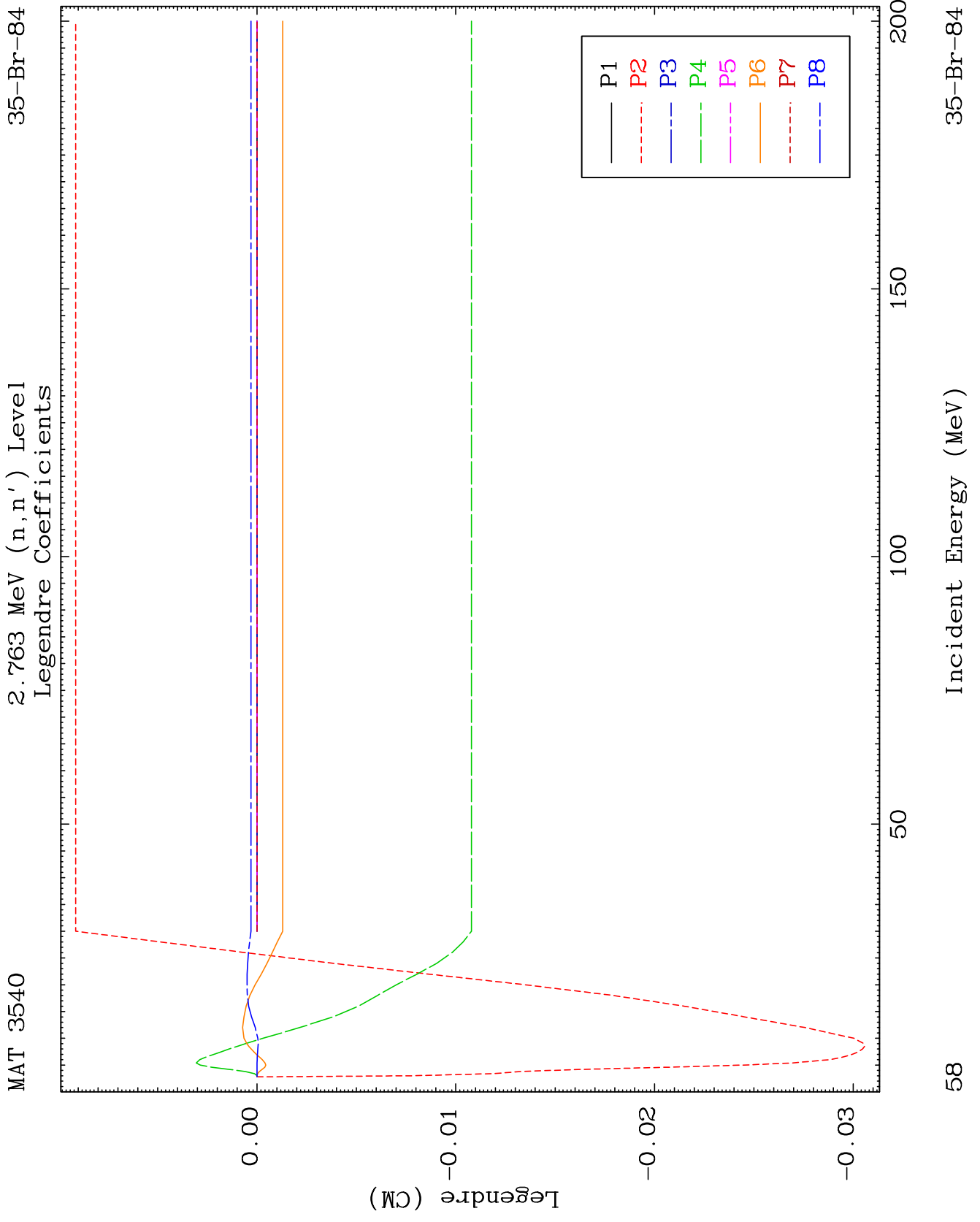


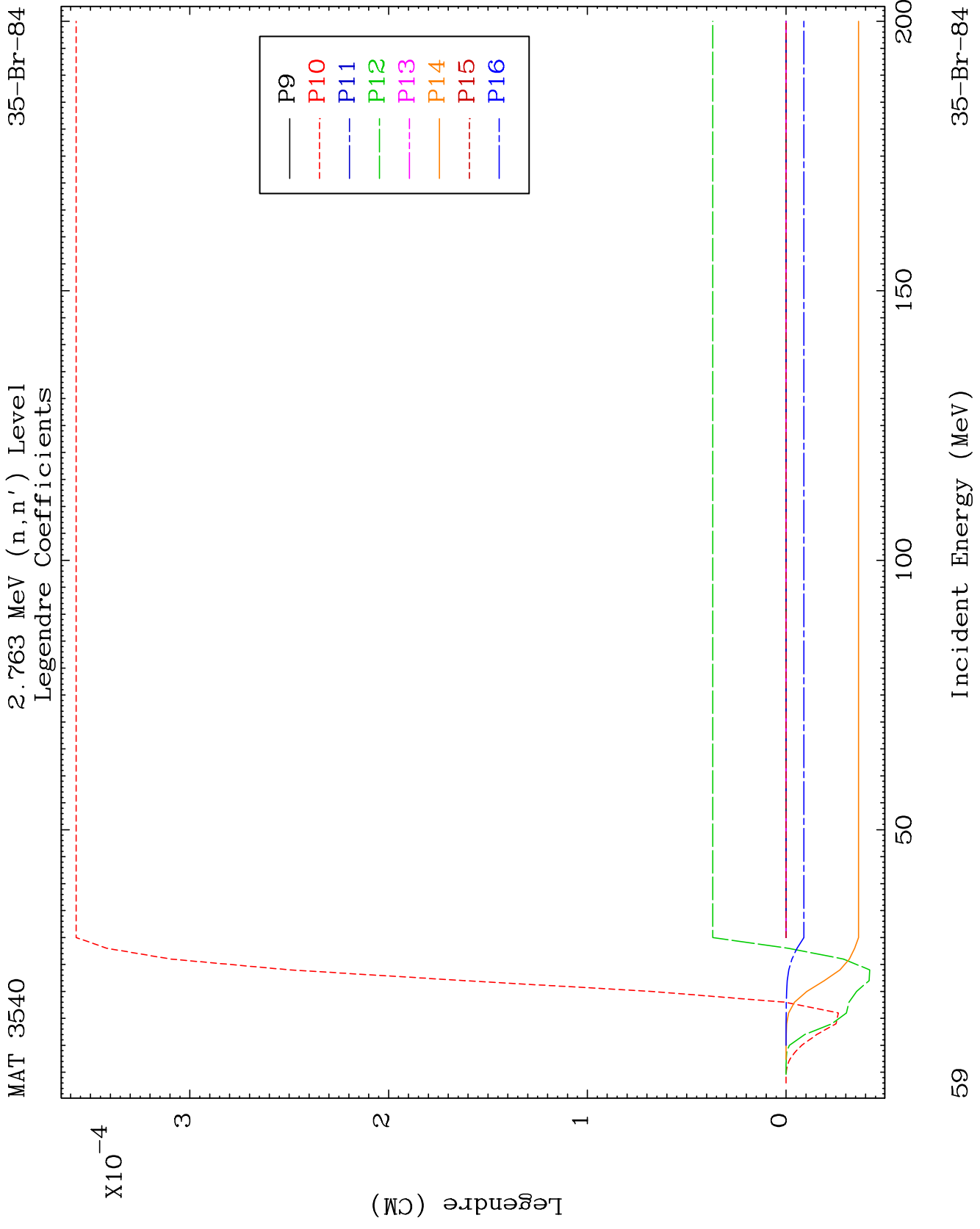
56

Incident Energy (MeV)

35-Br-84



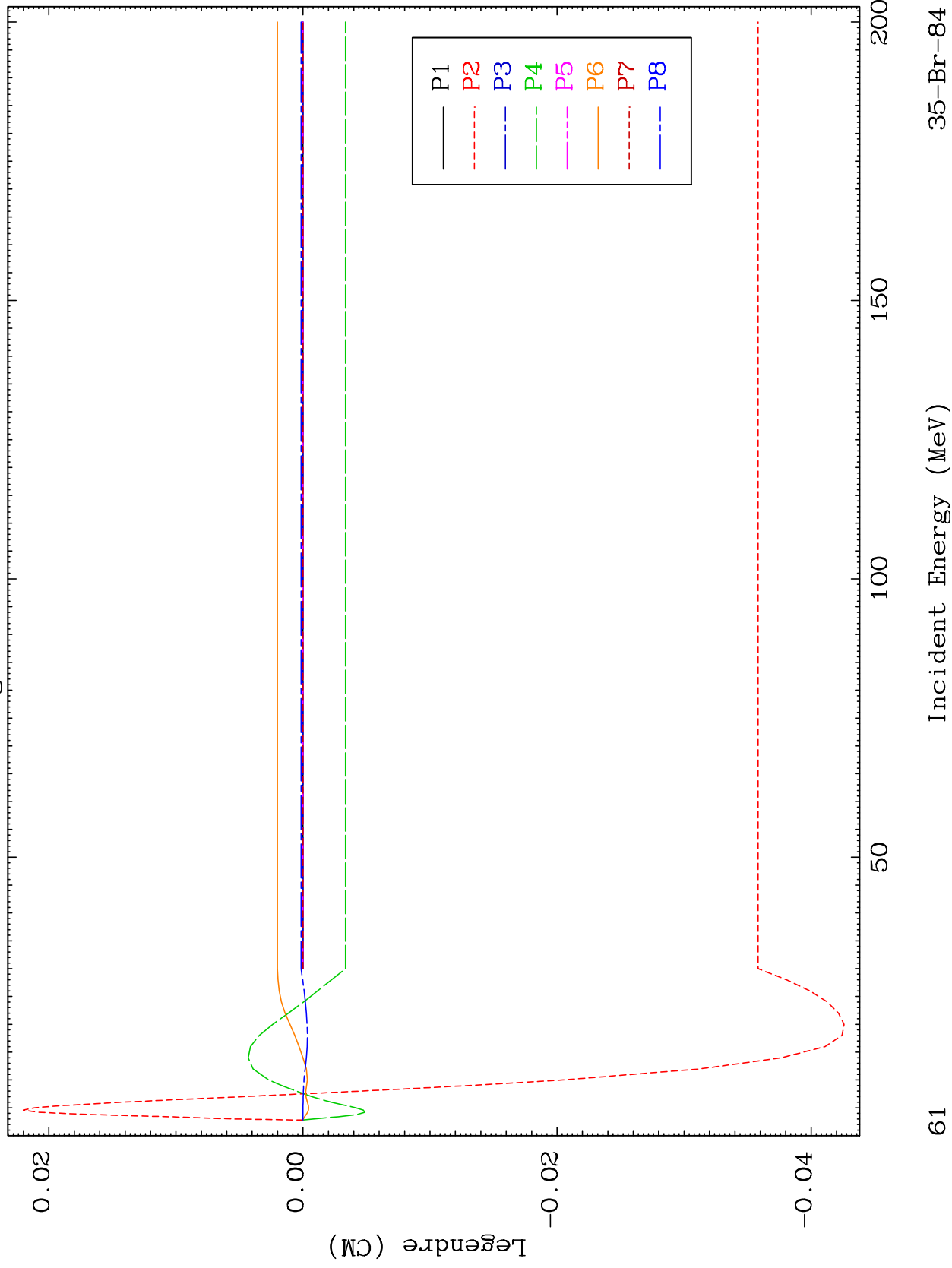




MAT 3540

2.766 MeV (n, n') Level
Legendre Coefficients

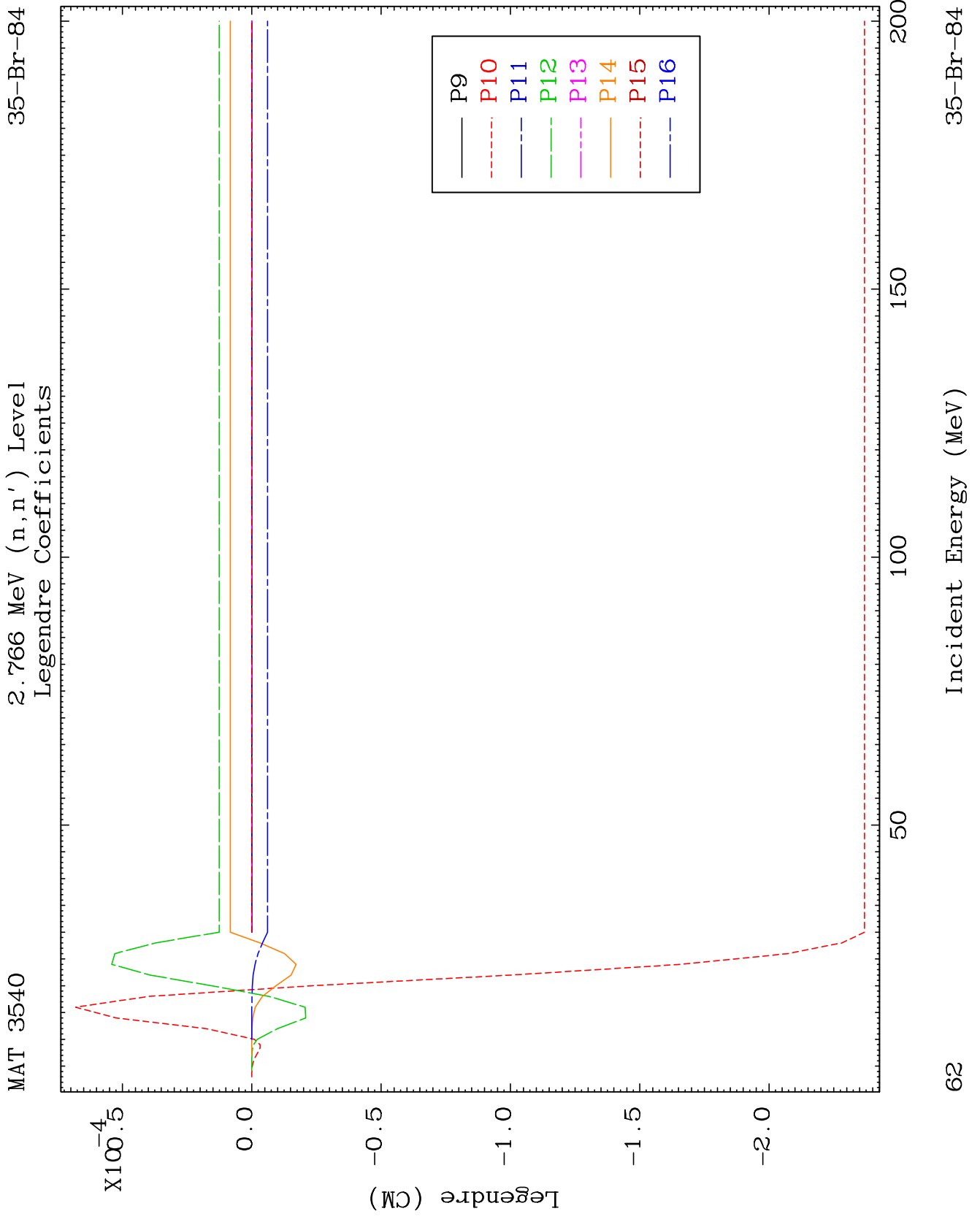
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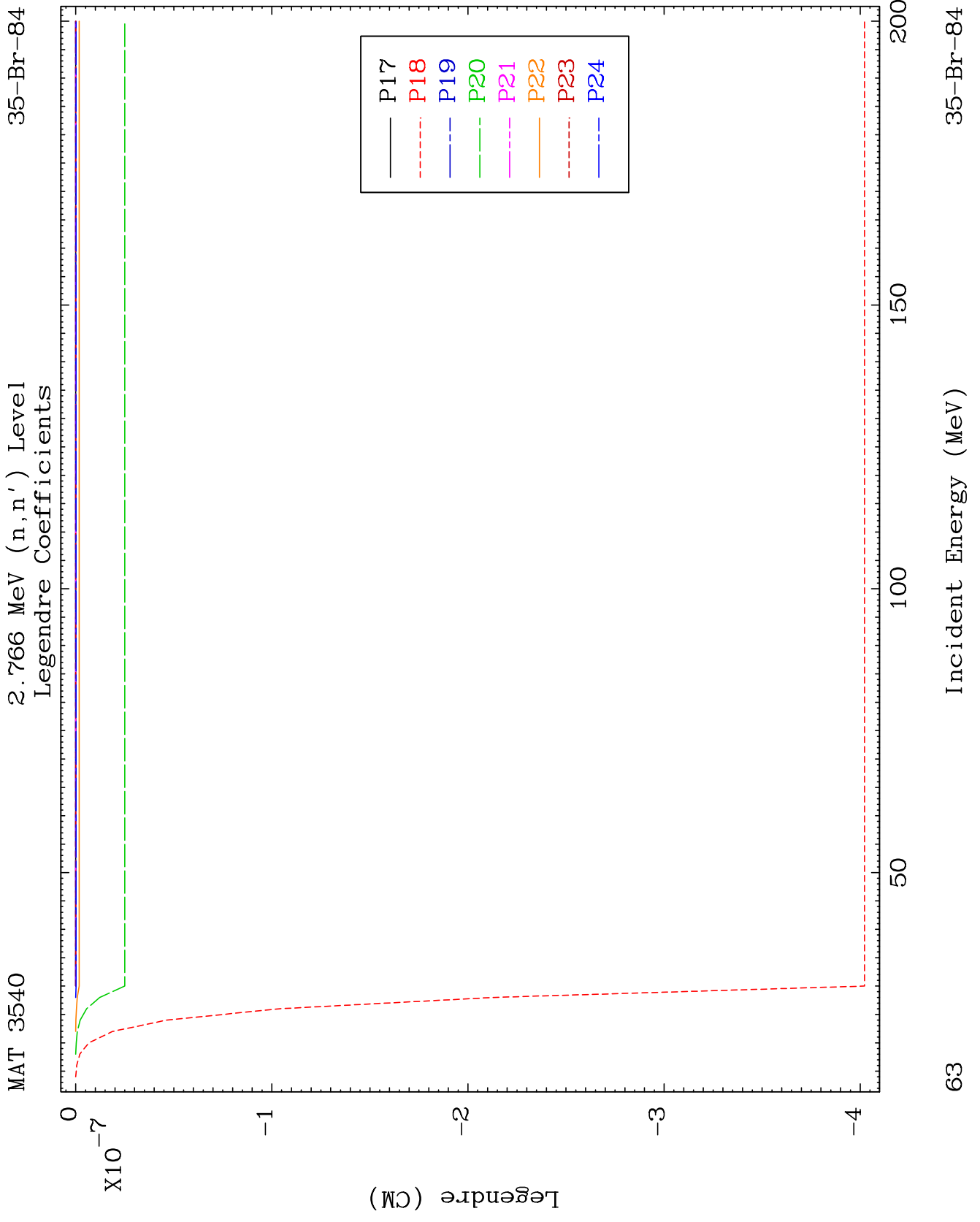


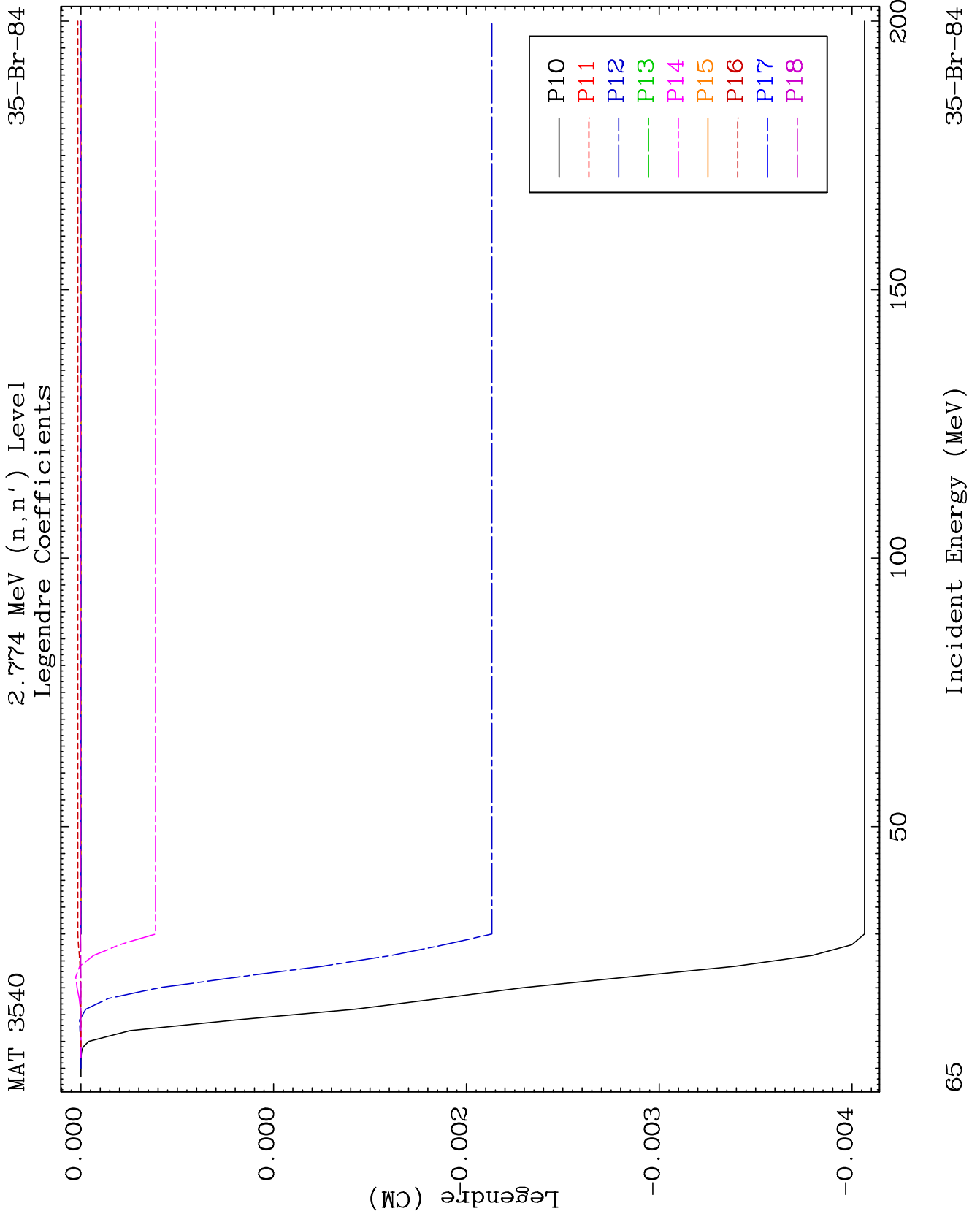
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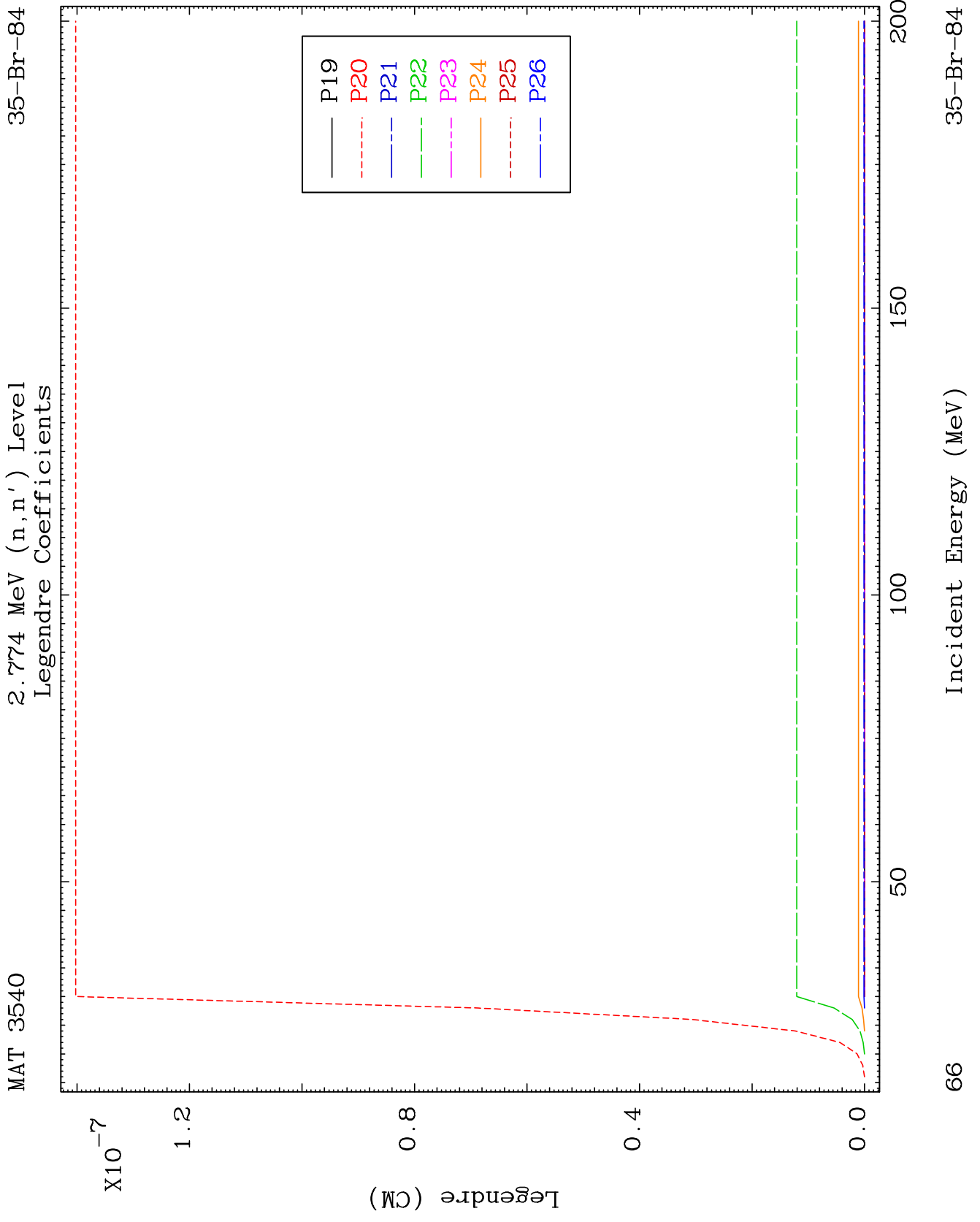
Incident Energy (MeV)

35-Br-84





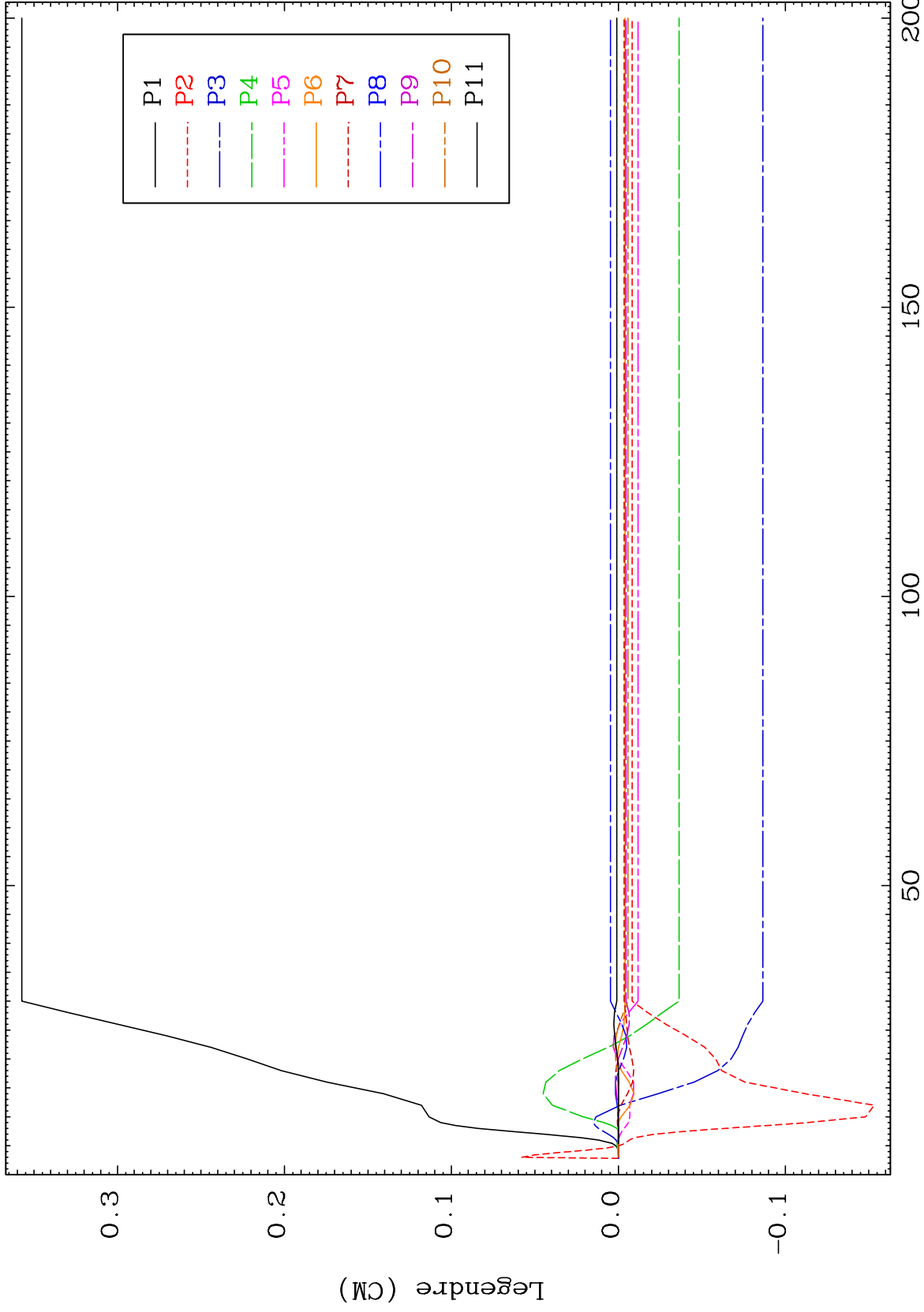




MAT 3540

2.777 MeV (n,n') Level
Legendre Coefficients

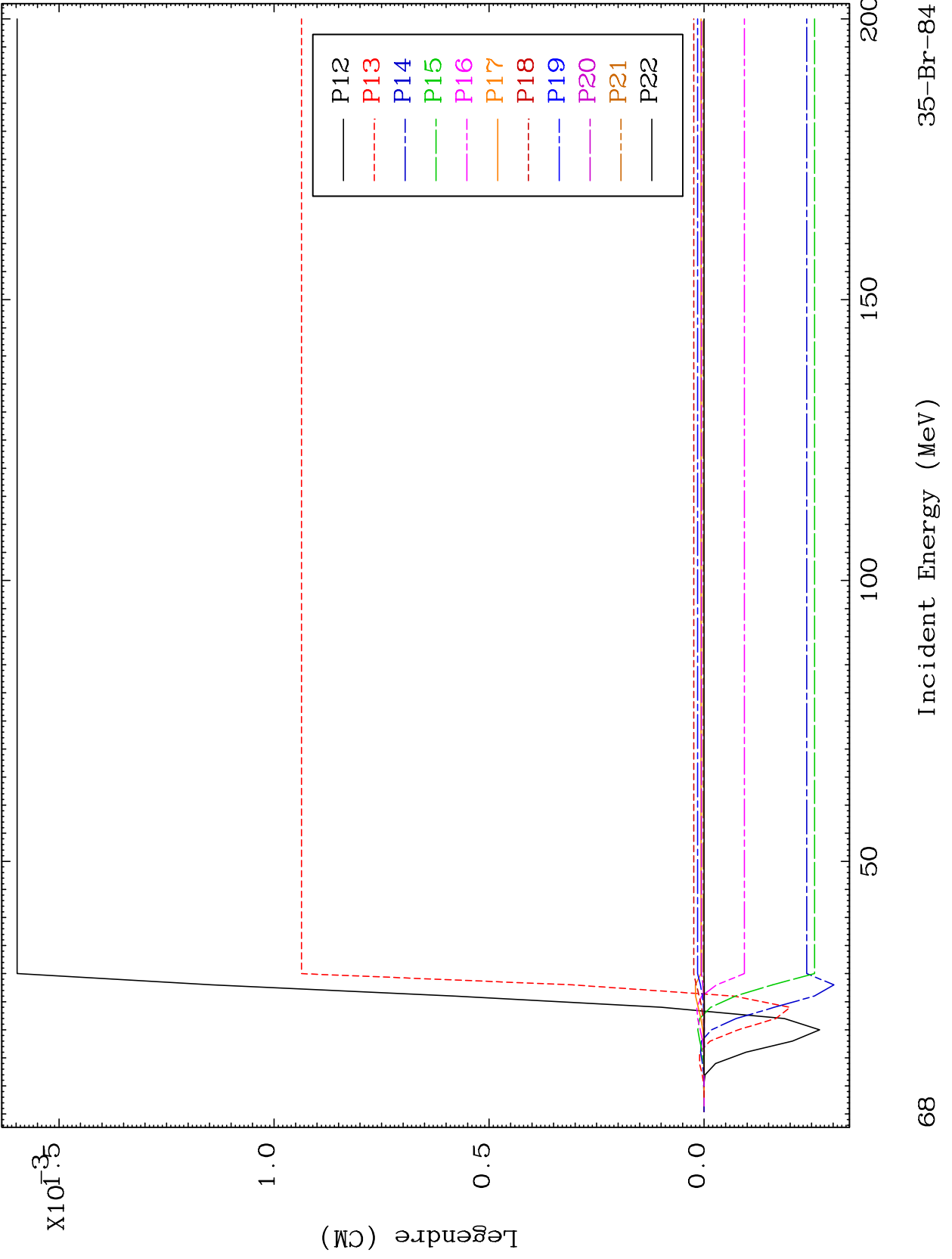
35-Br-84



67

Incident Energy (MeV)

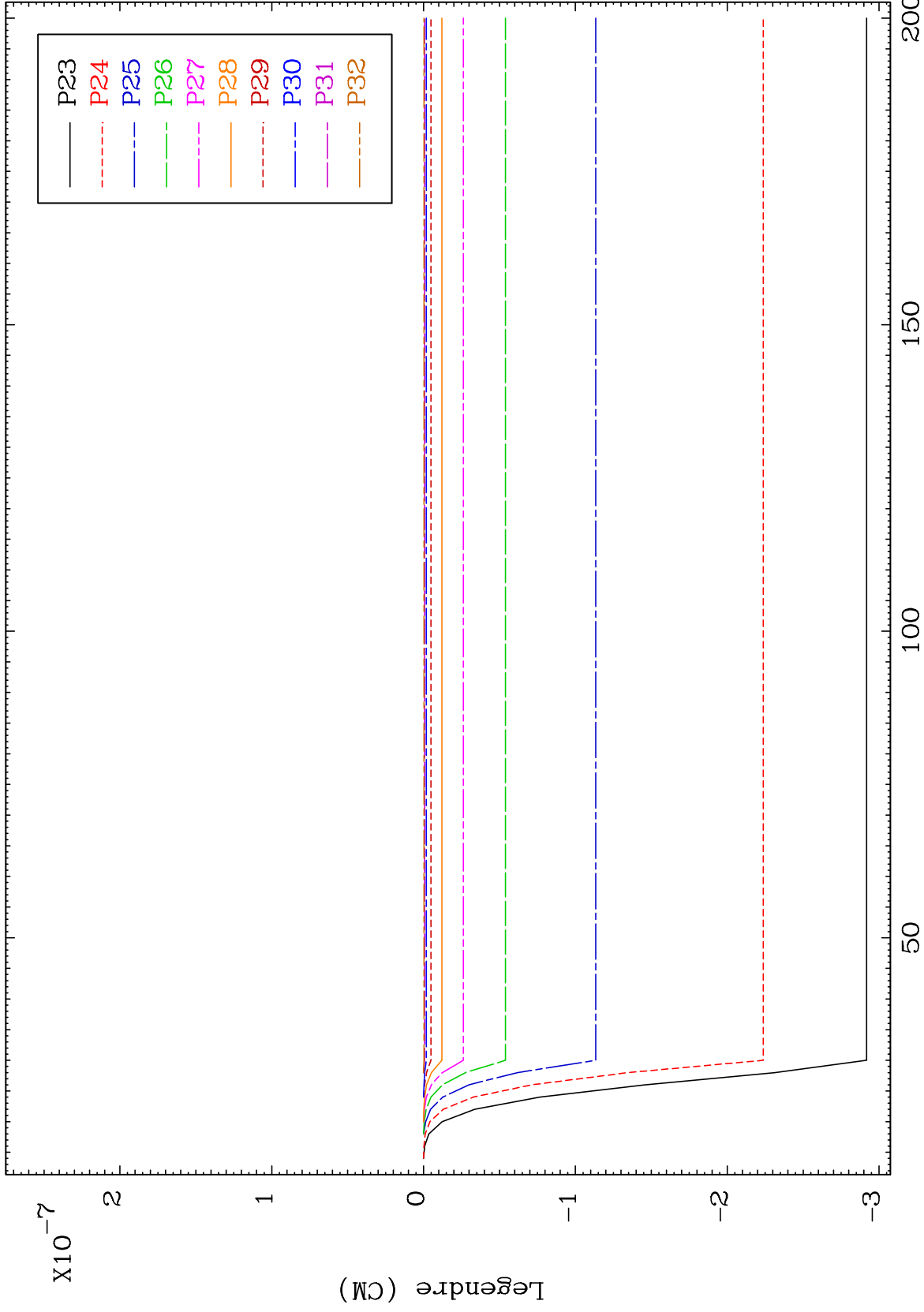
35-Br-84



MAT 3540

2.777 MeV (n,n') Level
Legendre Coefficients

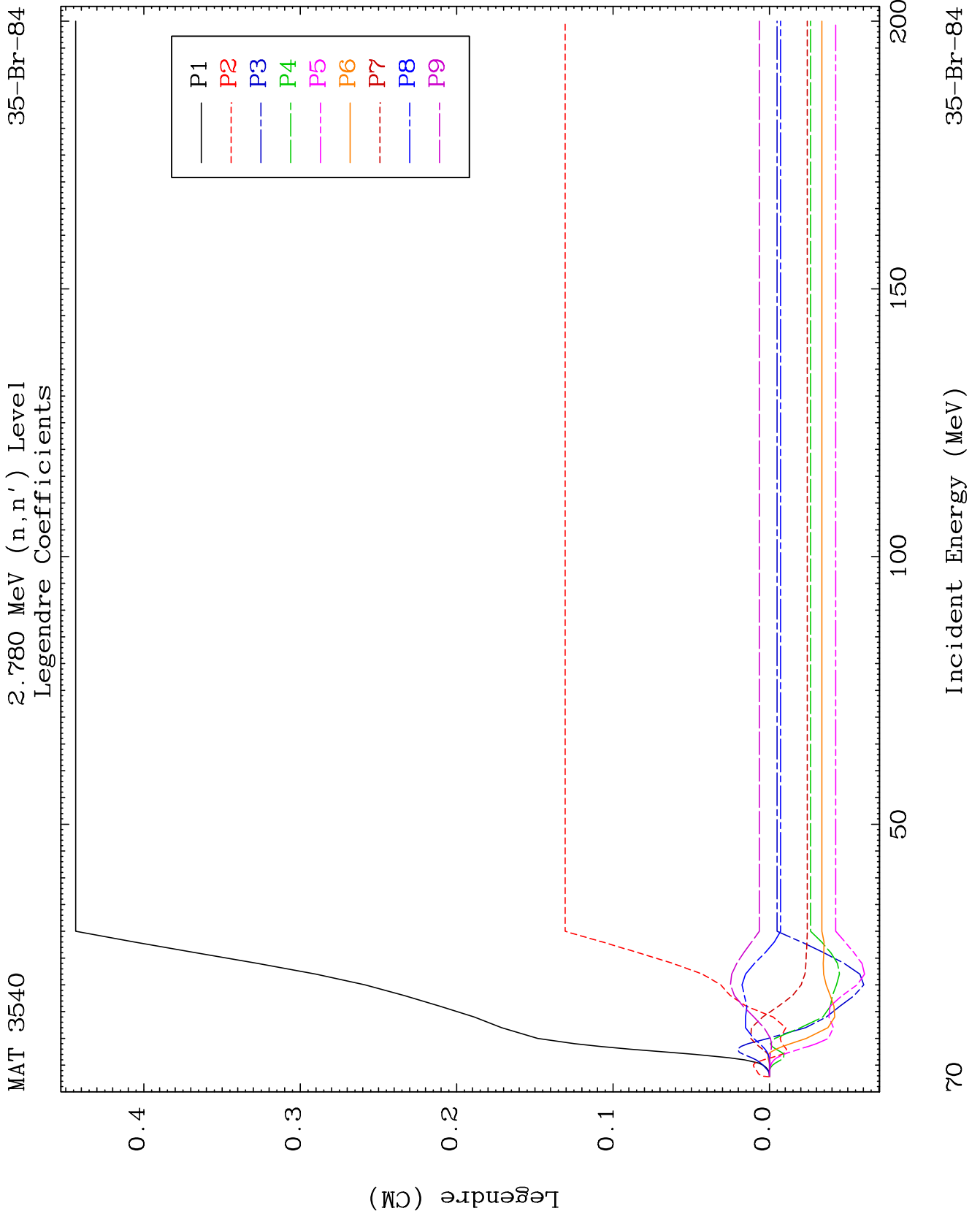
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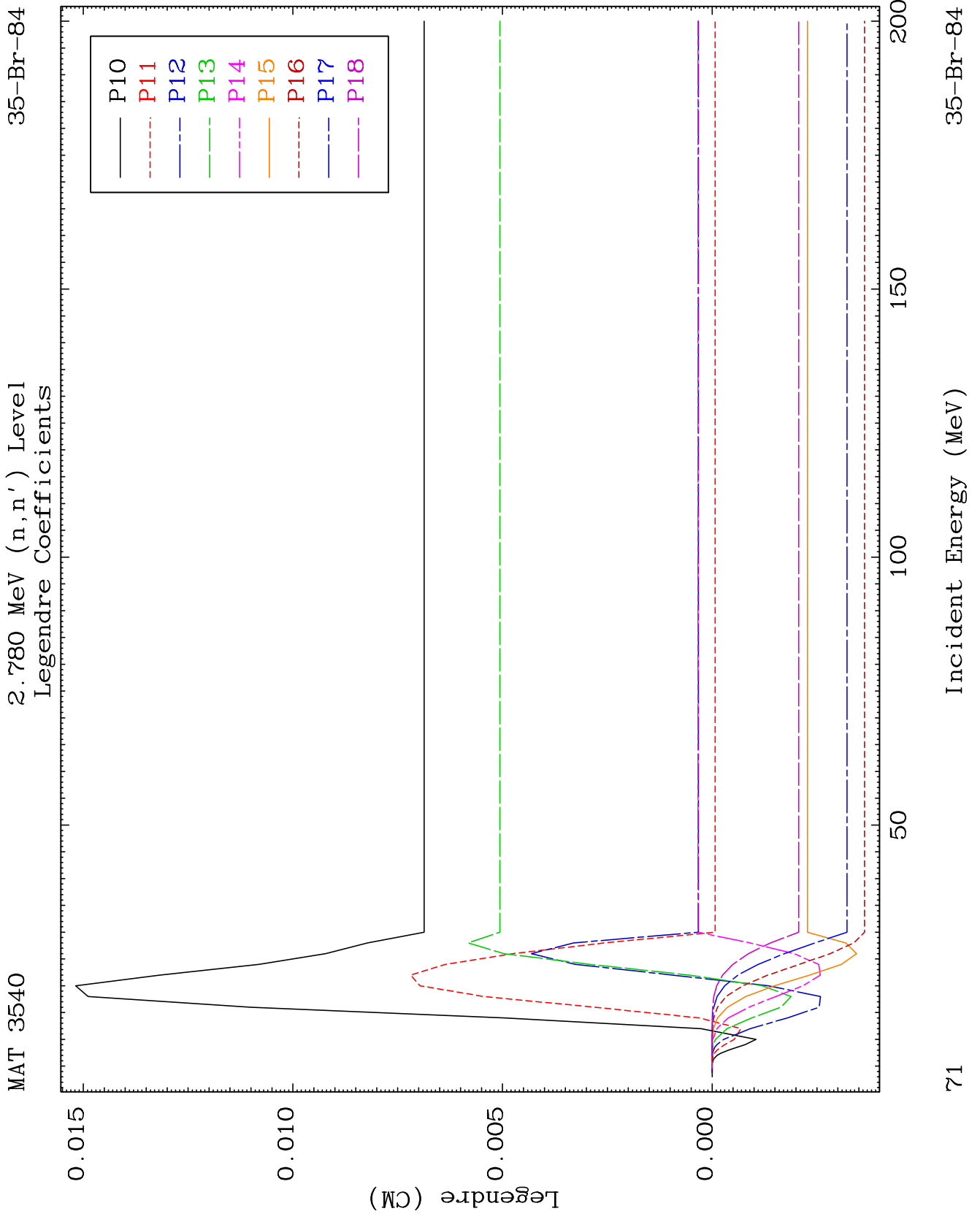


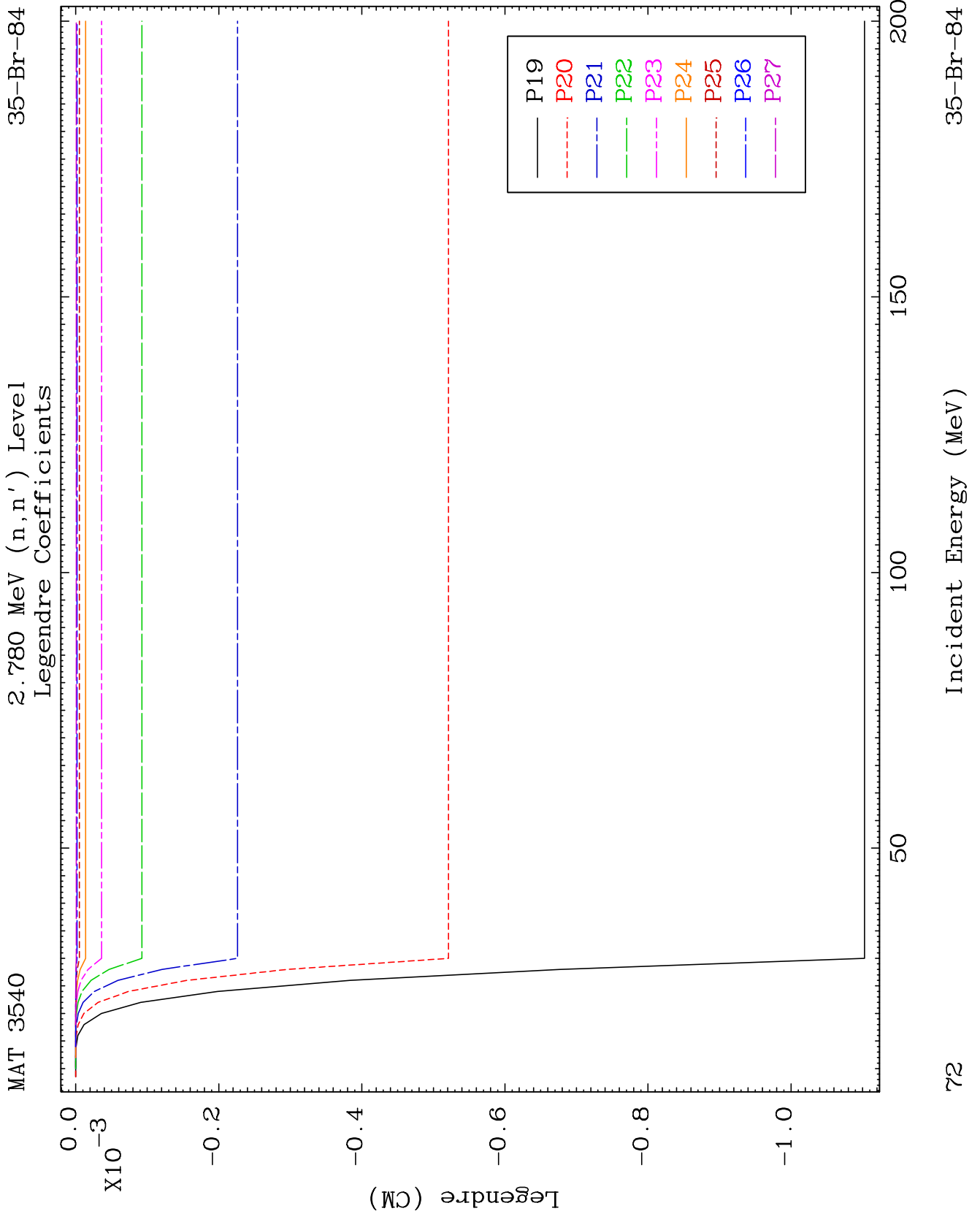
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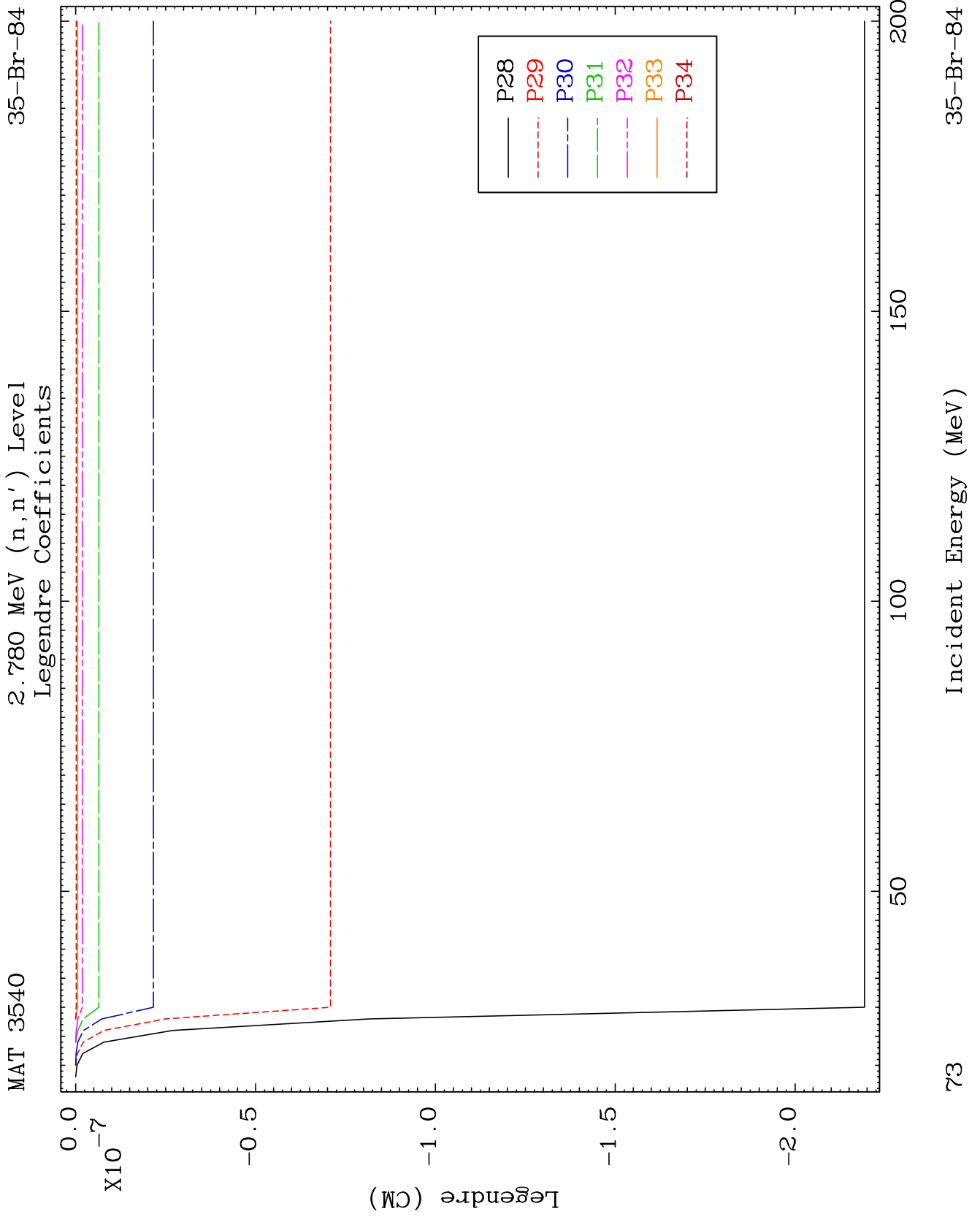
Incident Energy (MeV)

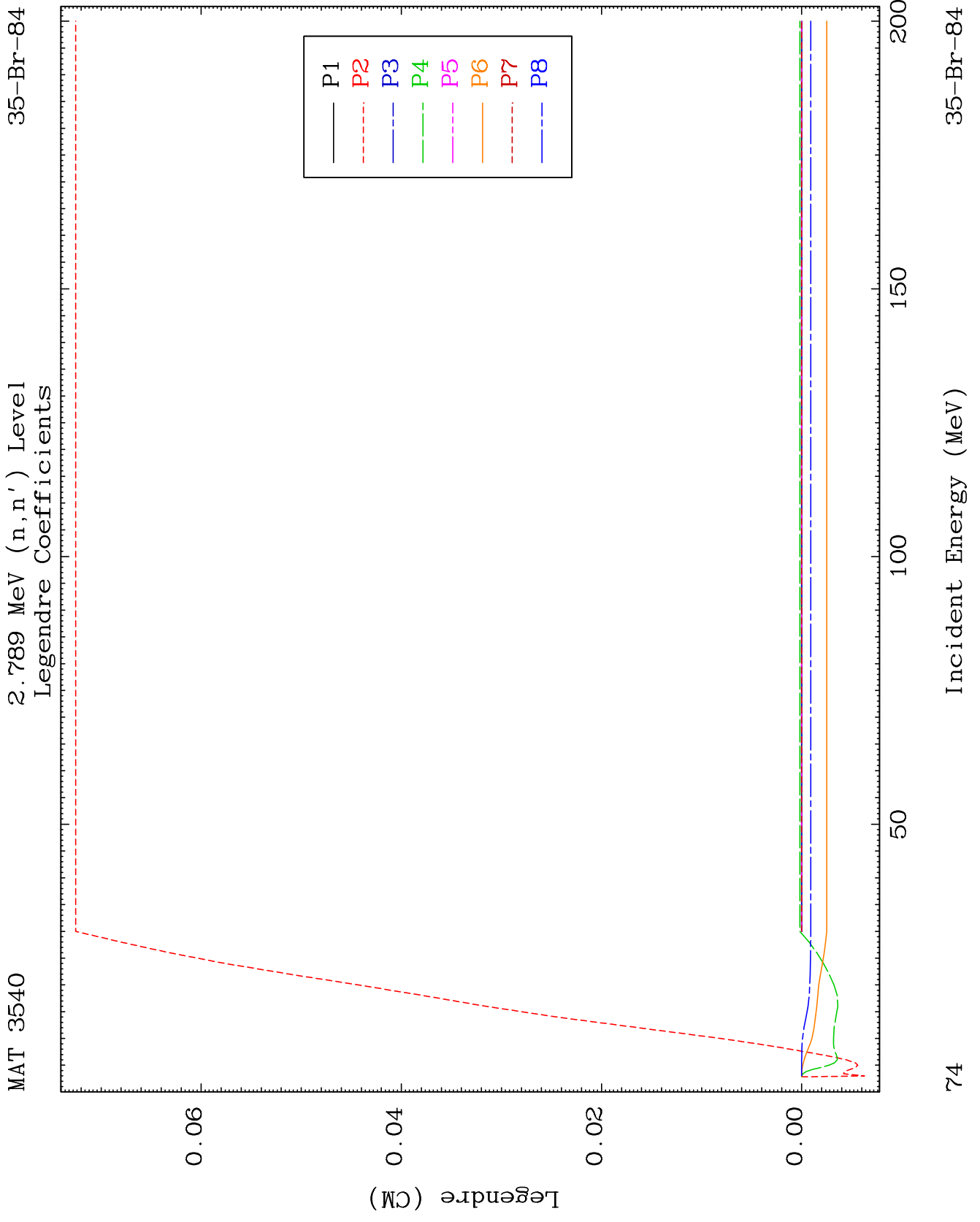
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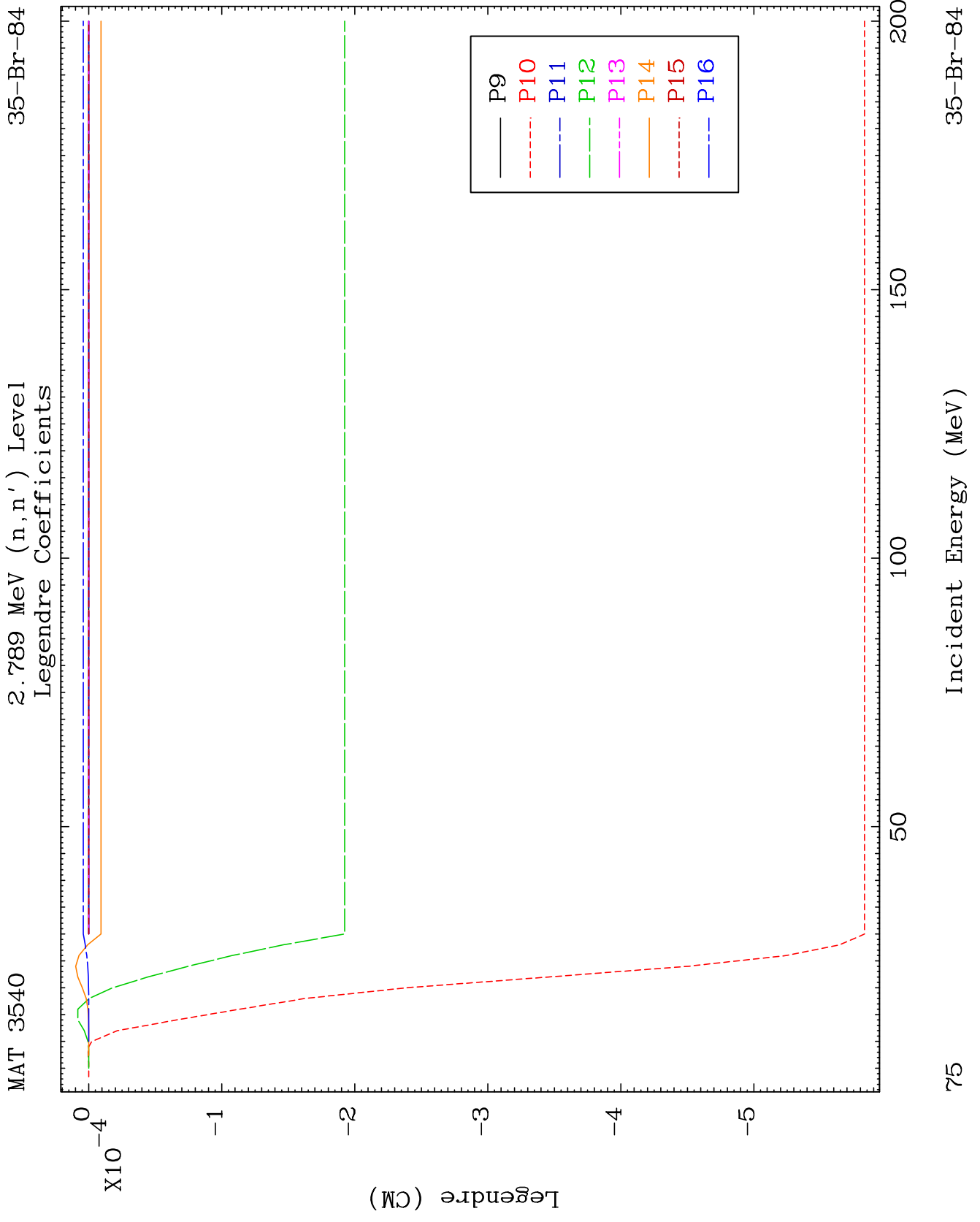


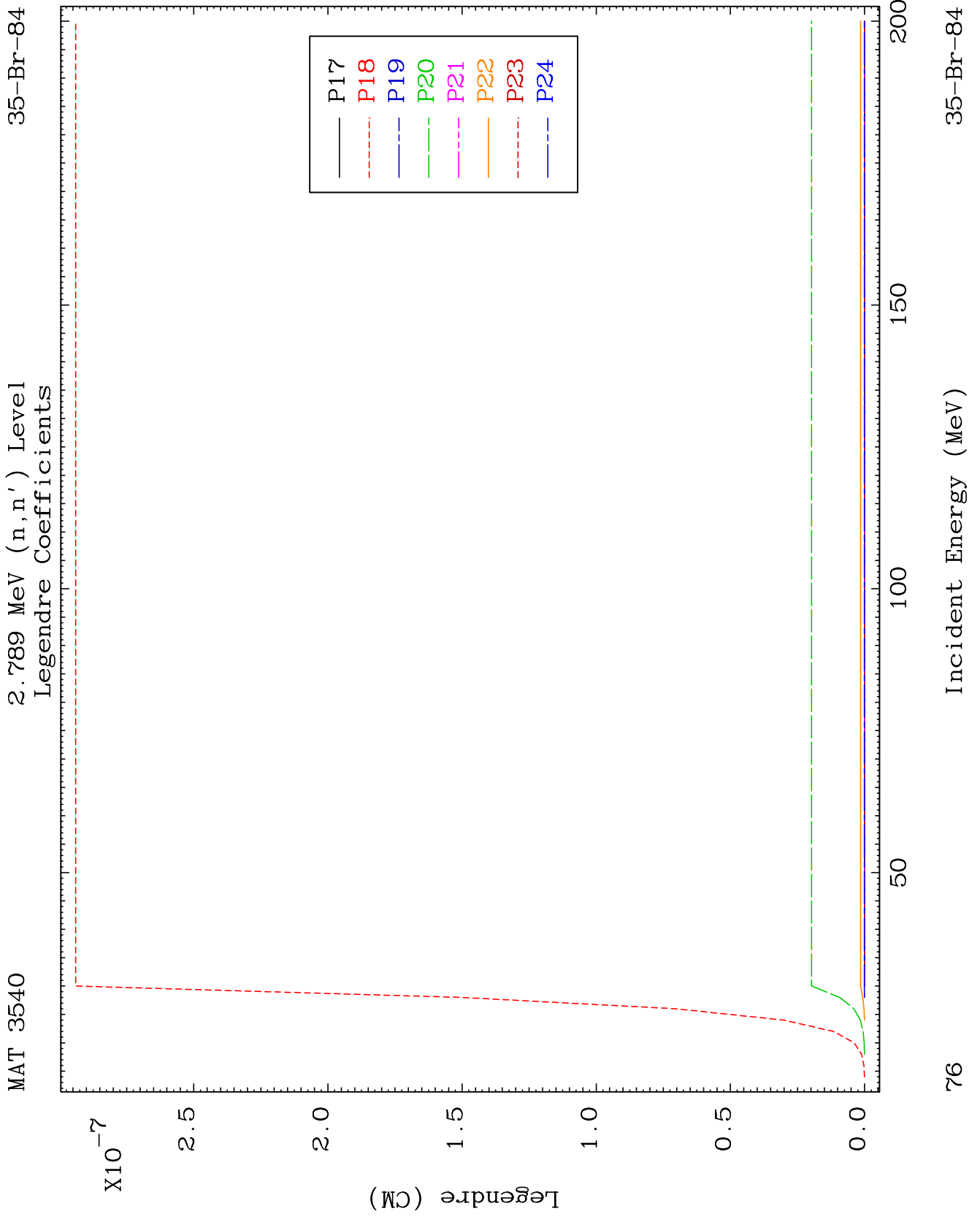


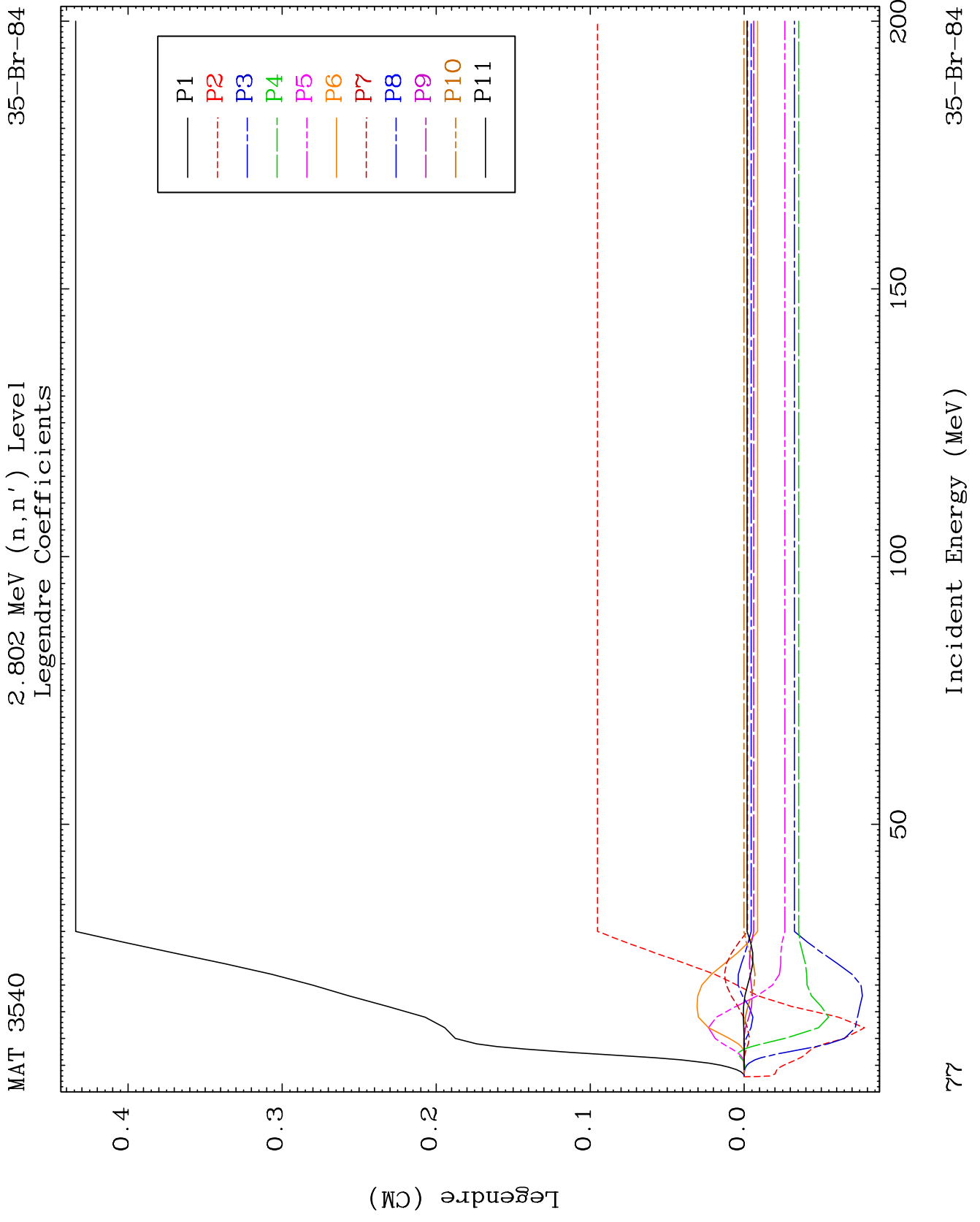








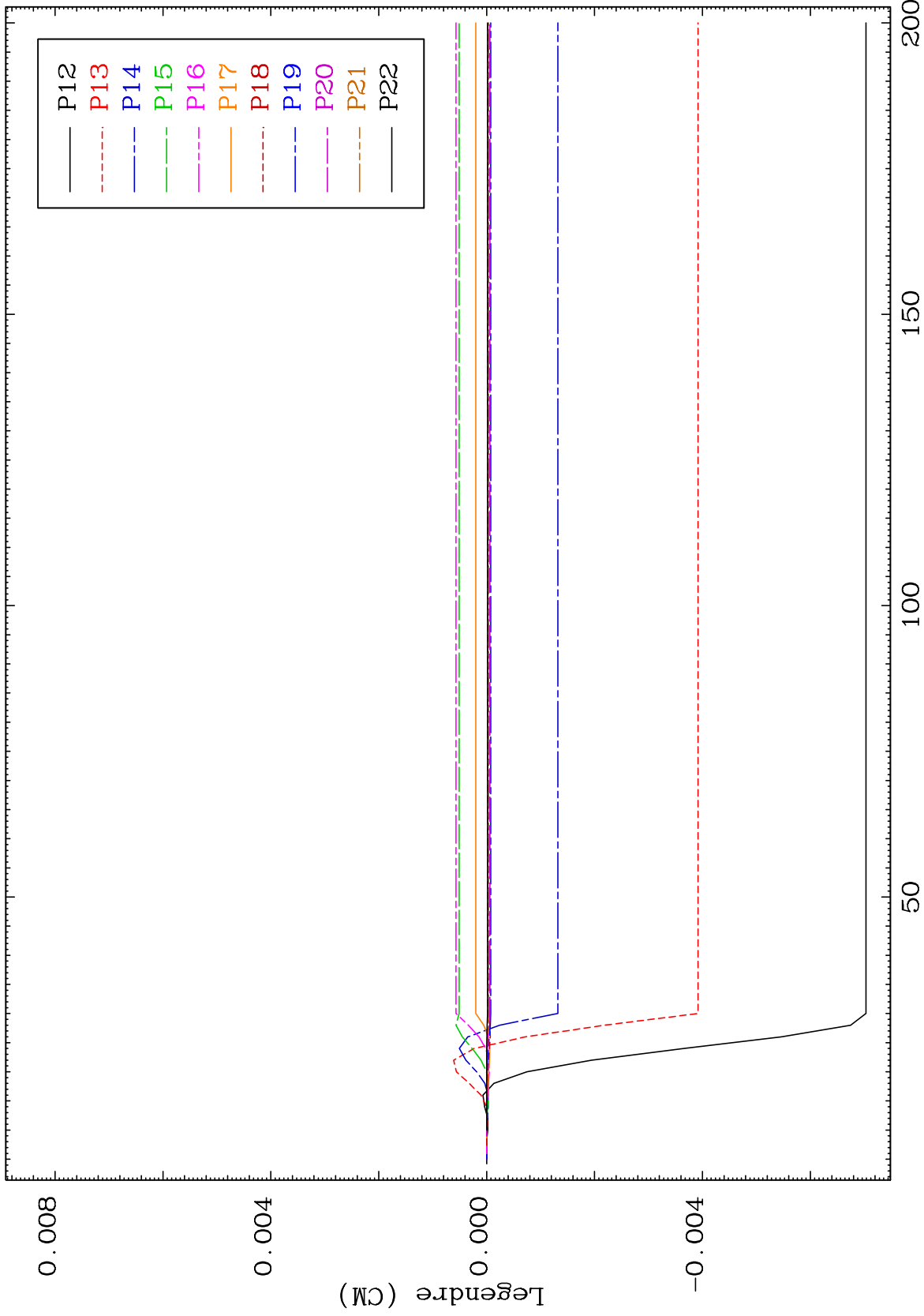




MAT 3540

2.802 MeV (n,n') Level
Legendre Coefficients

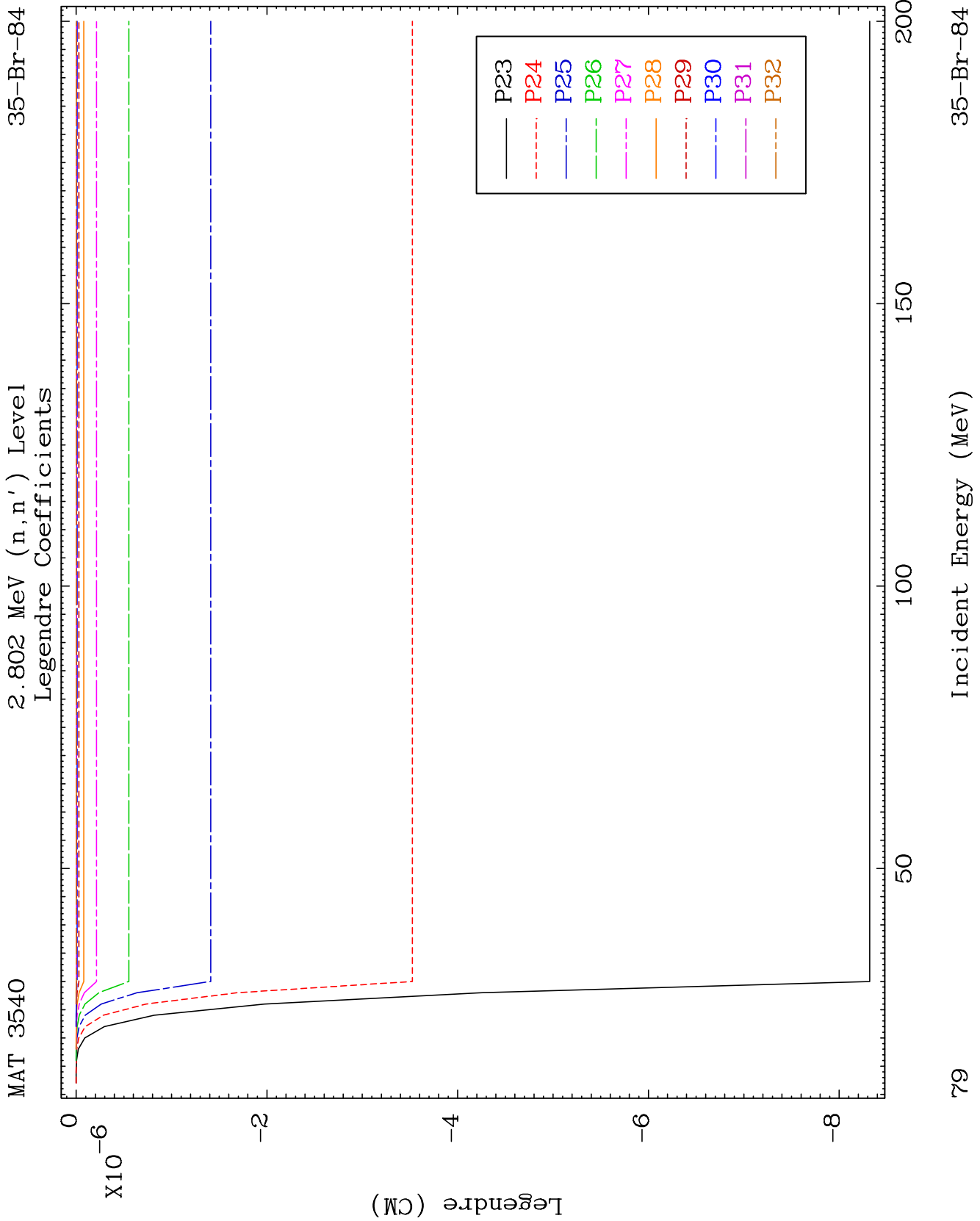
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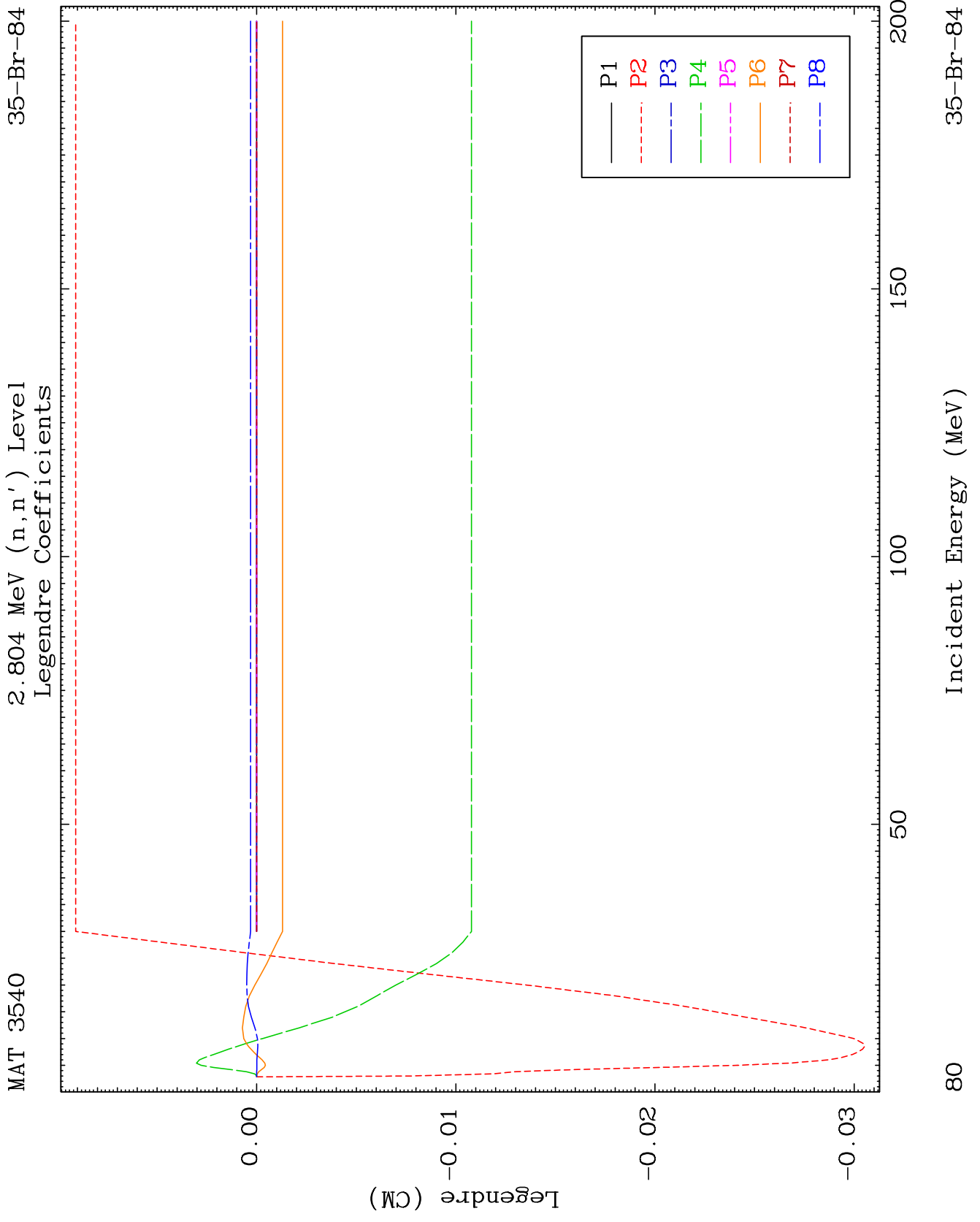


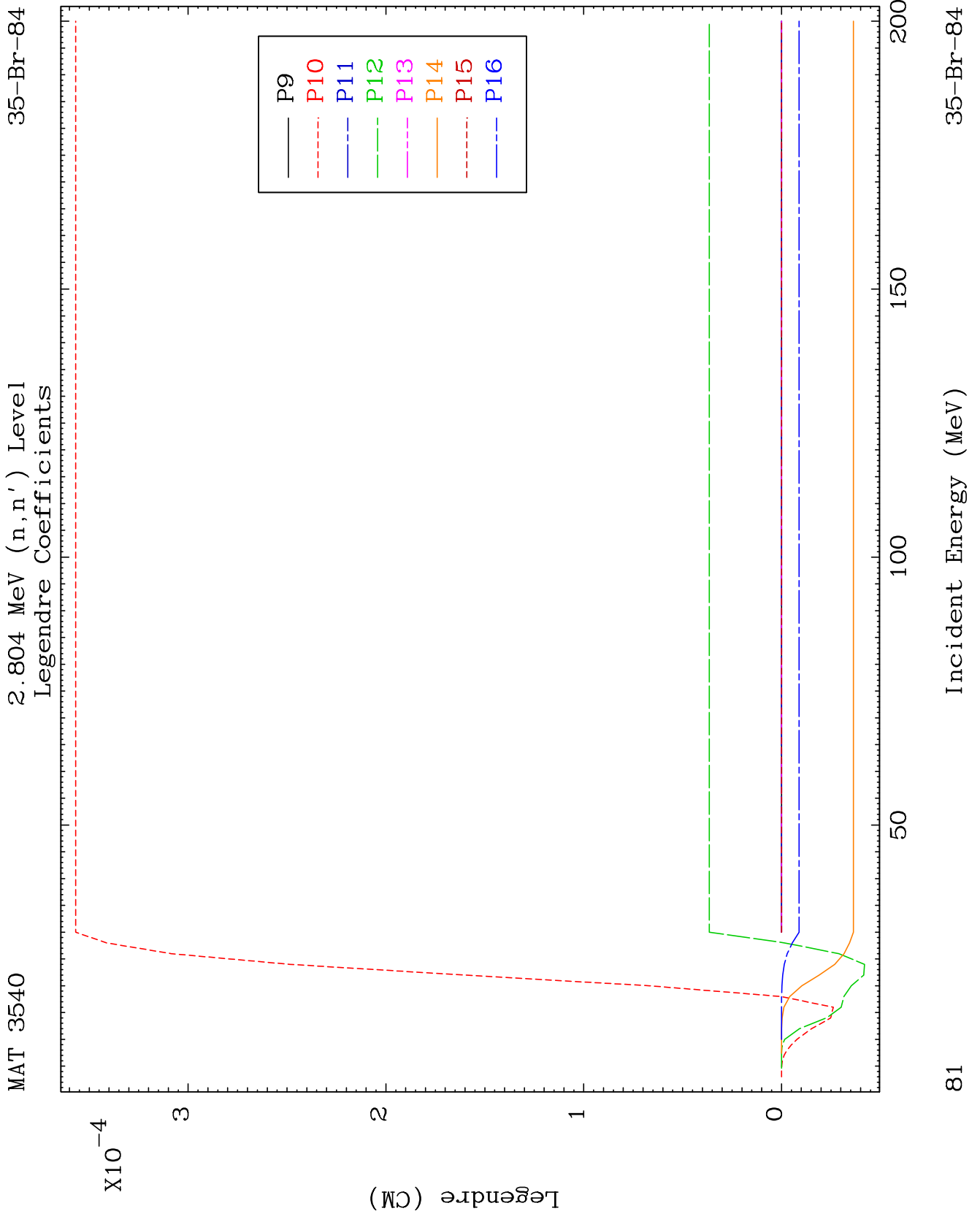
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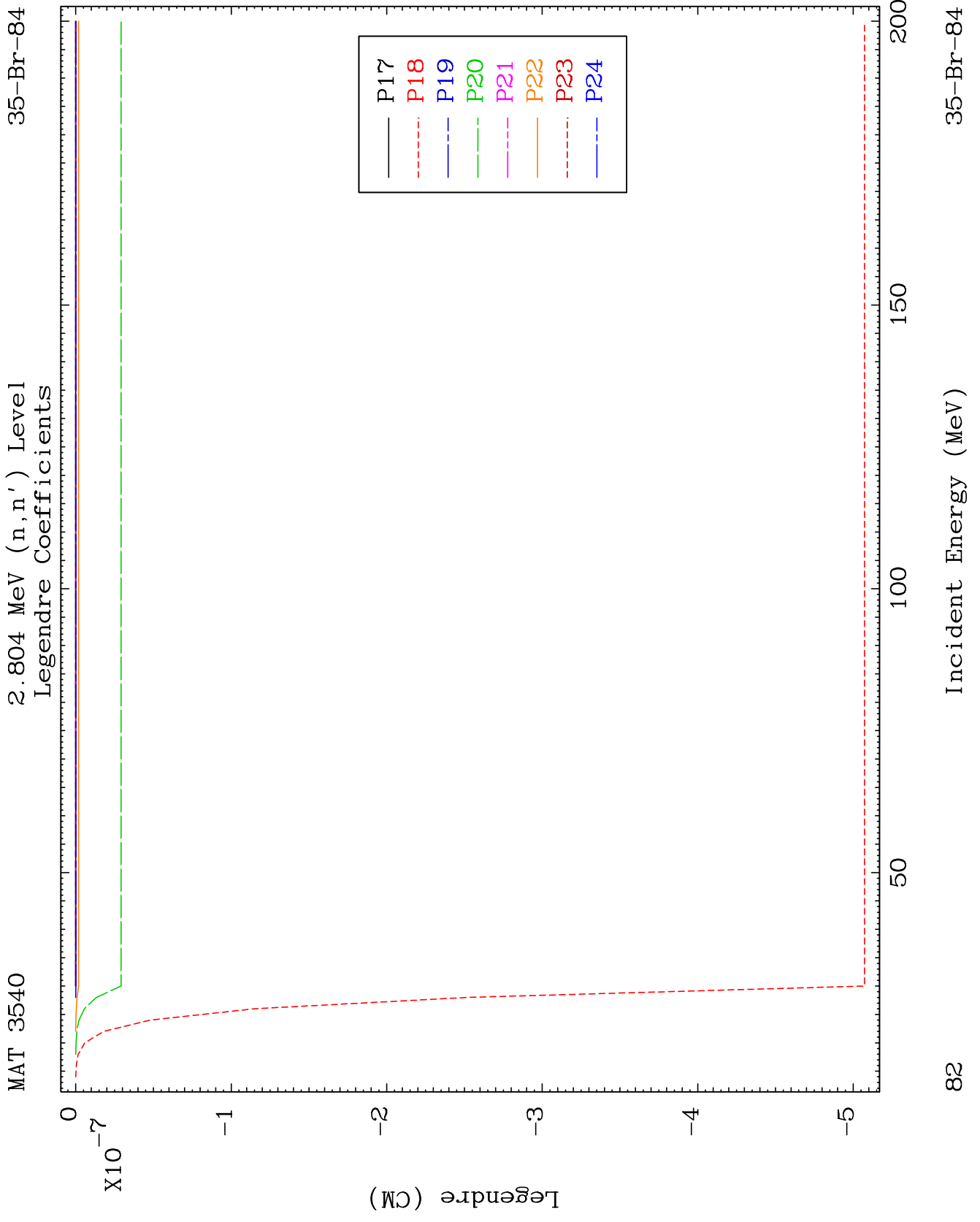
Incident Energy (MeV)

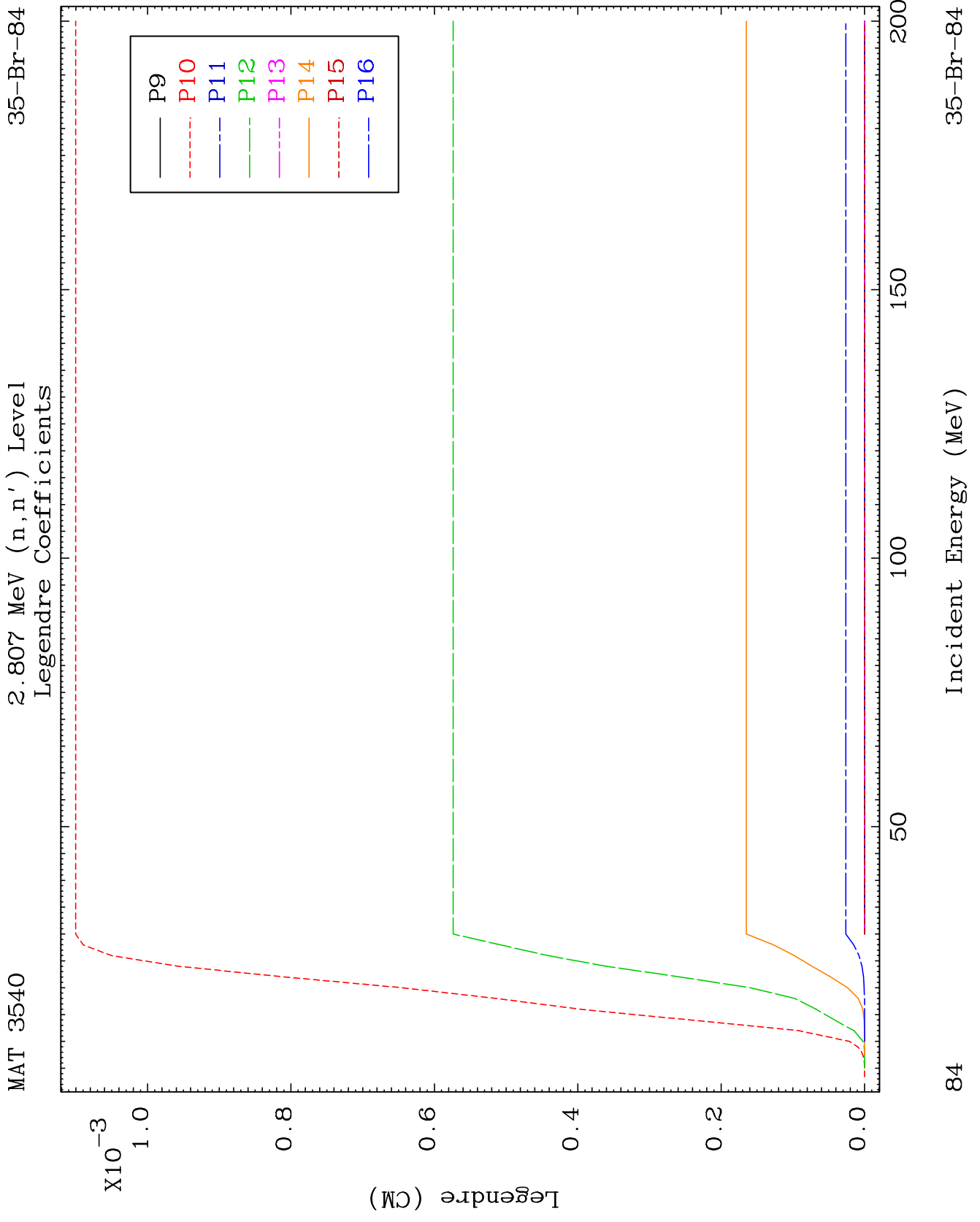
35-Br-84

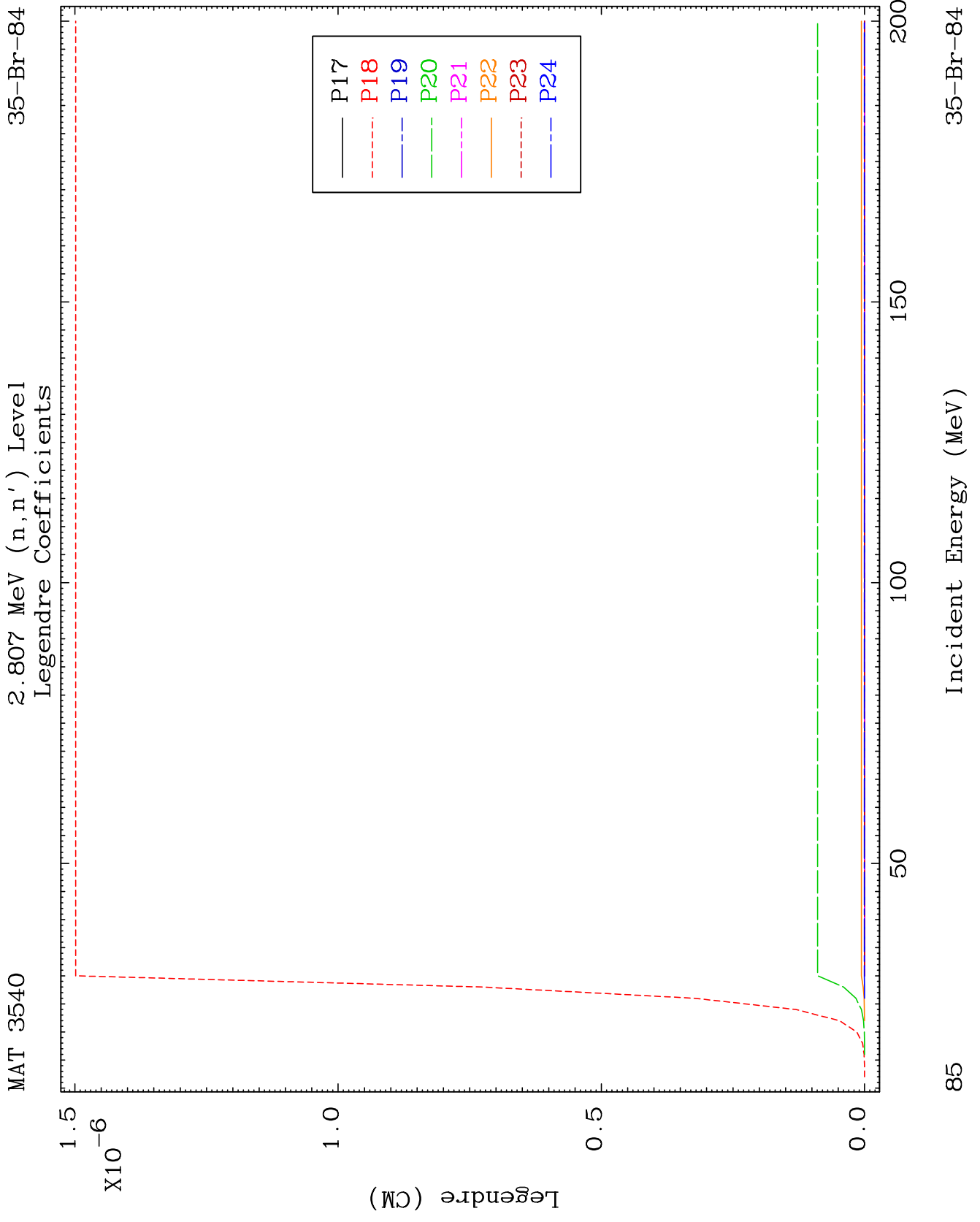


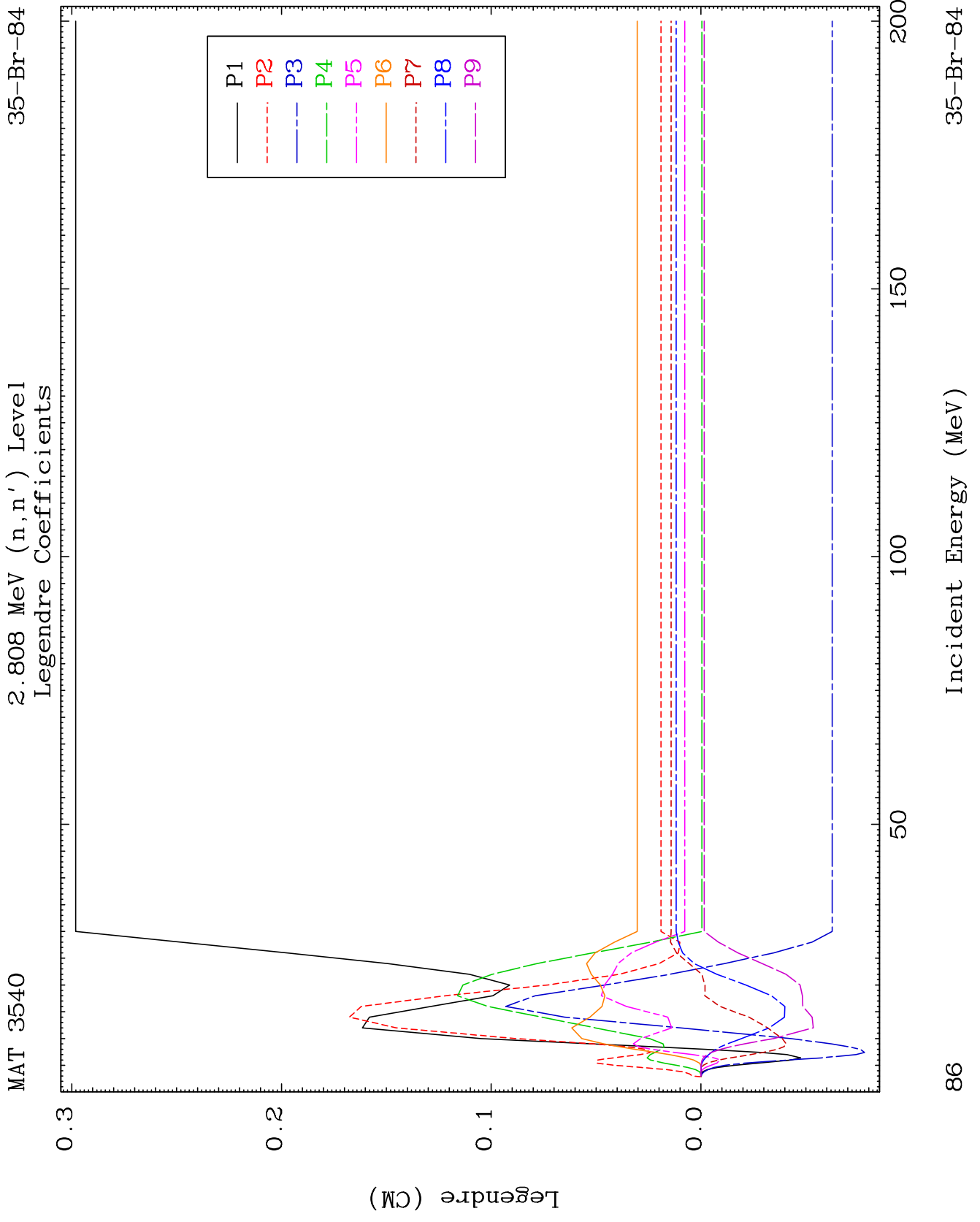


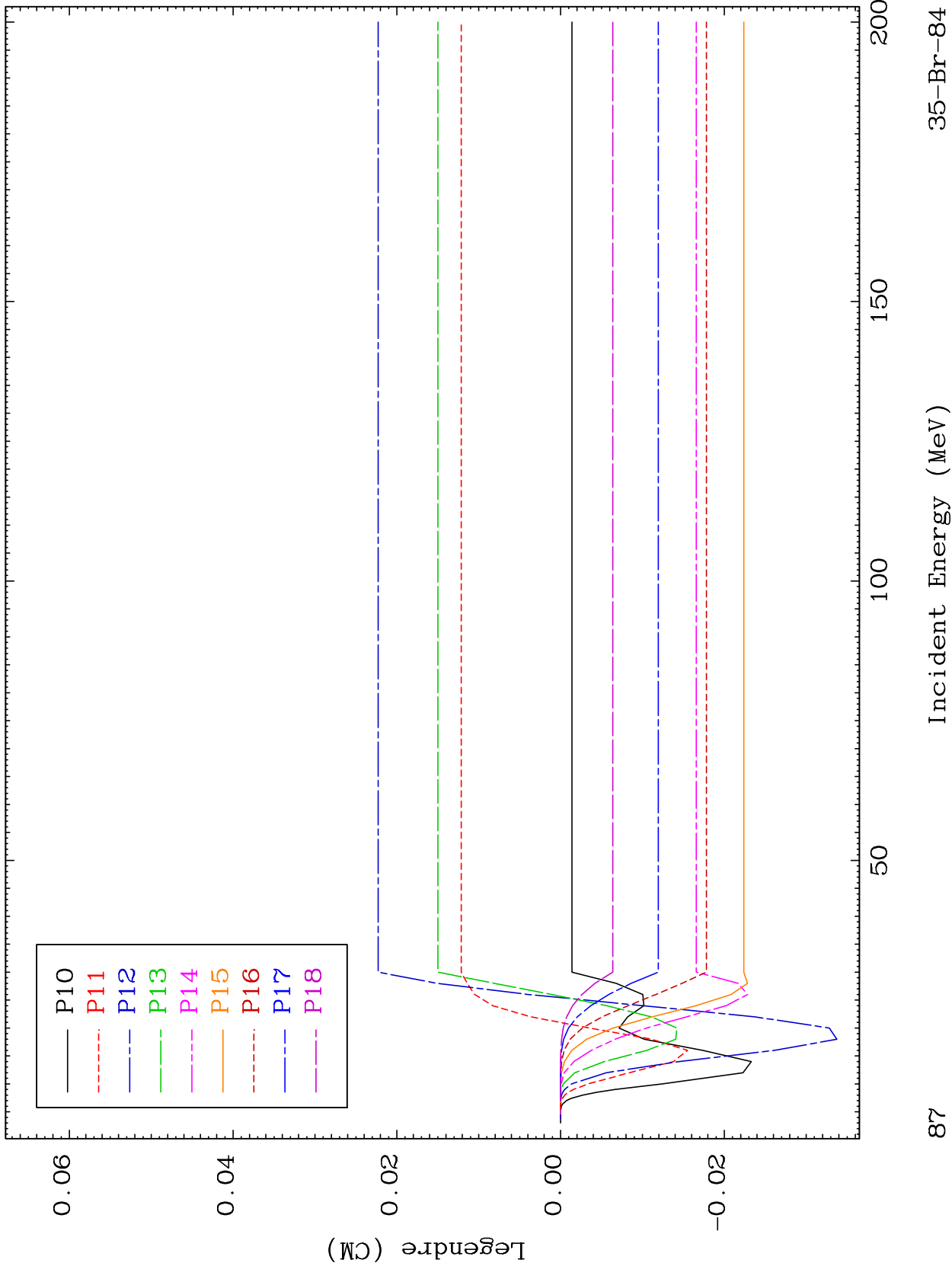


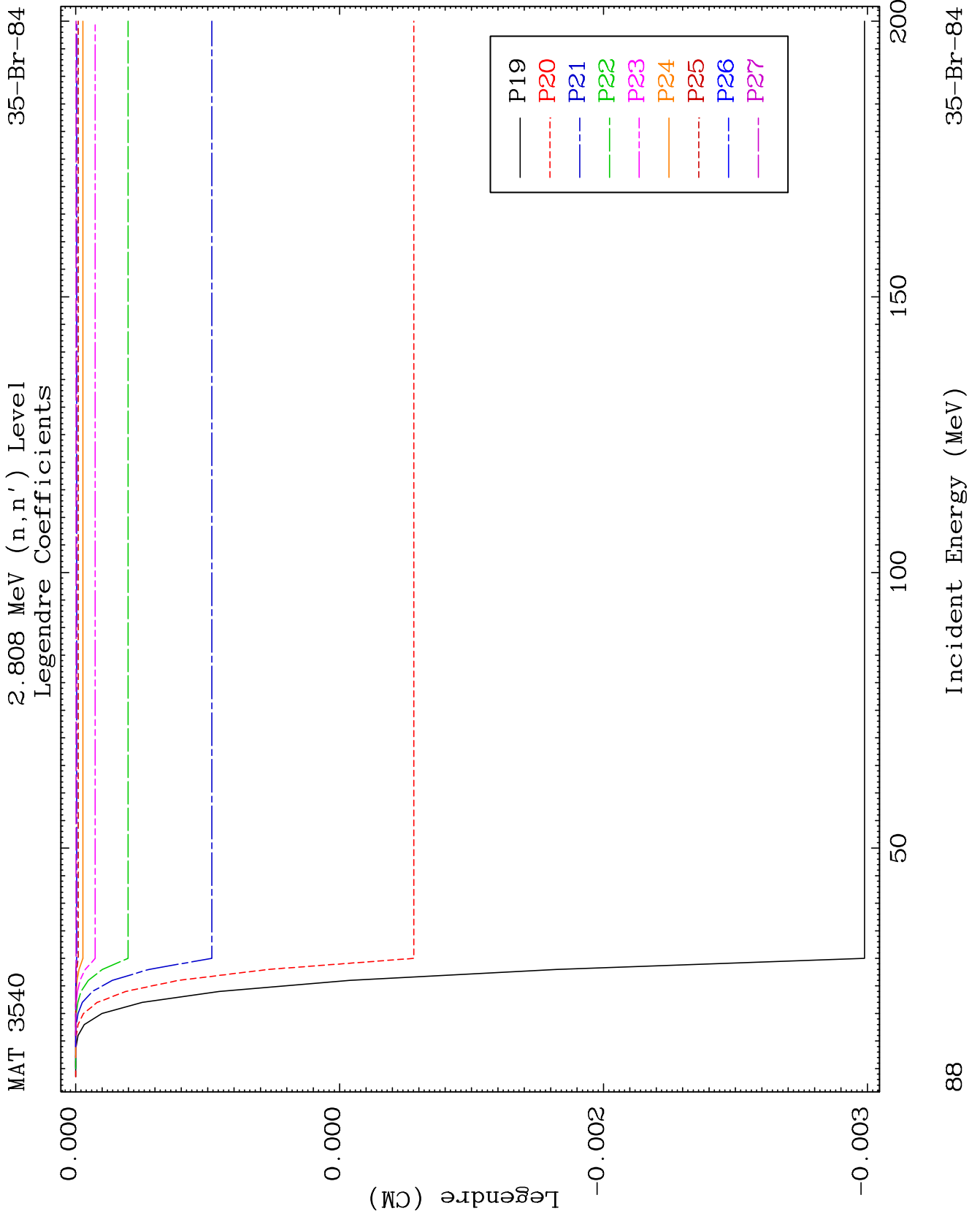


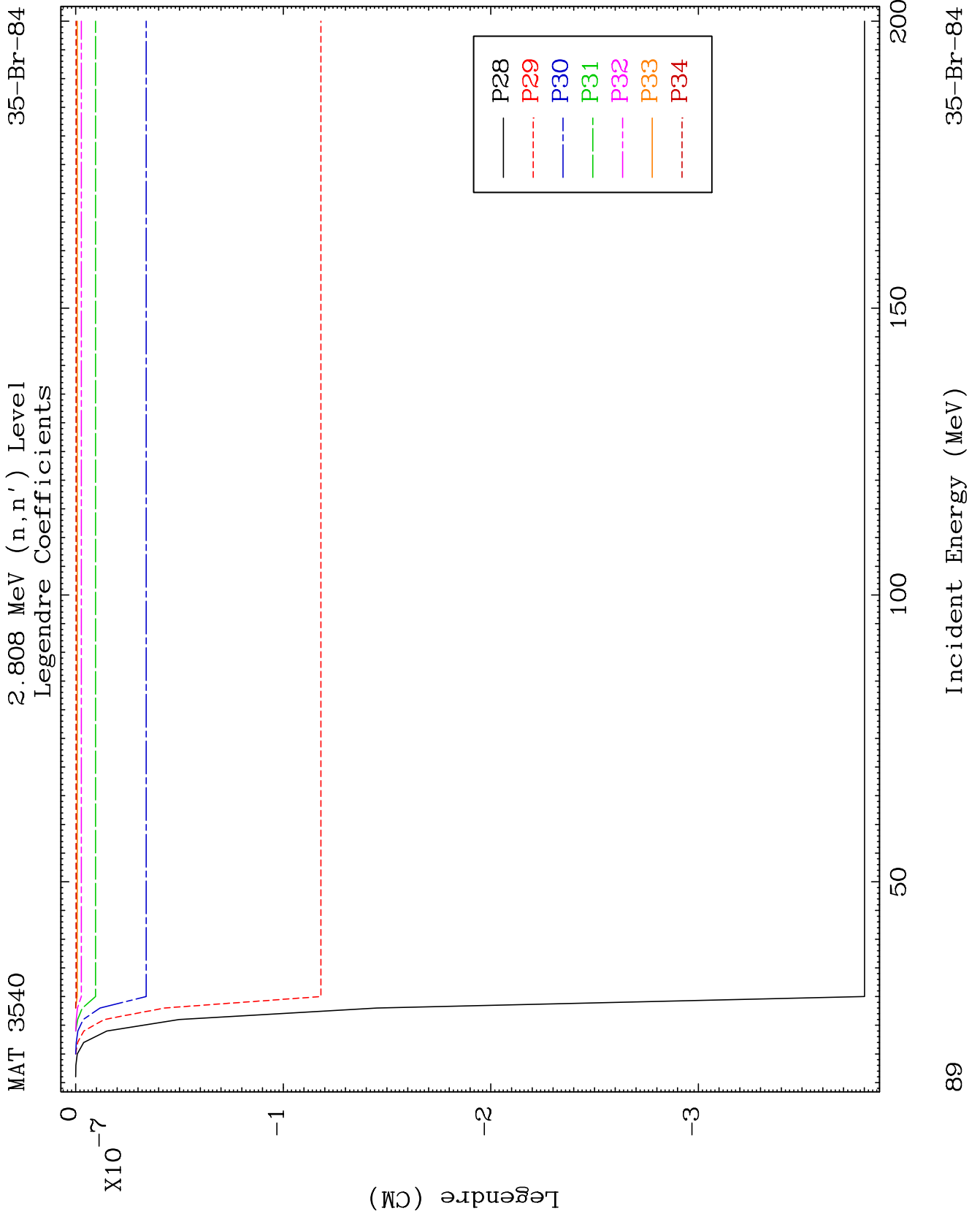


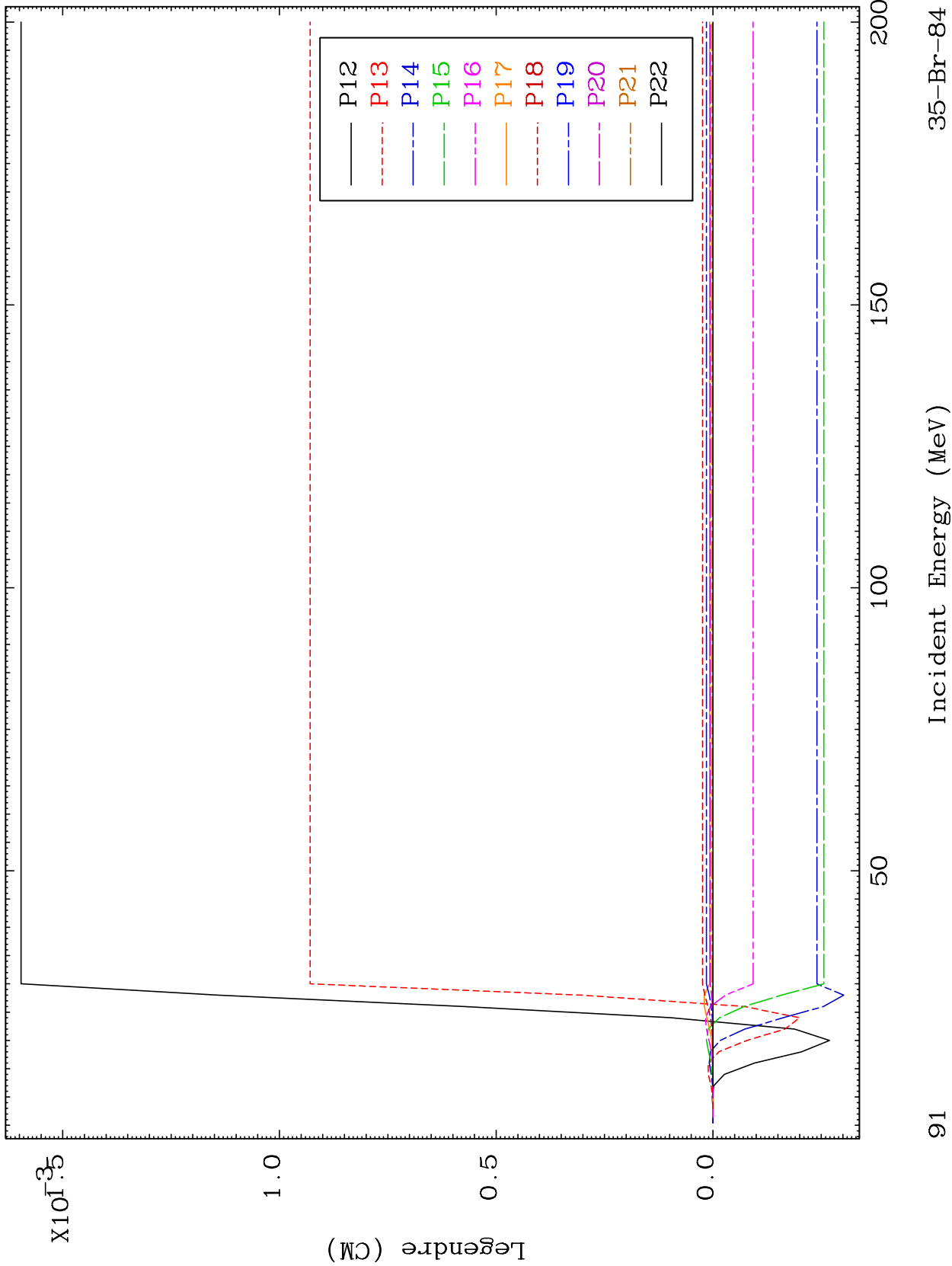


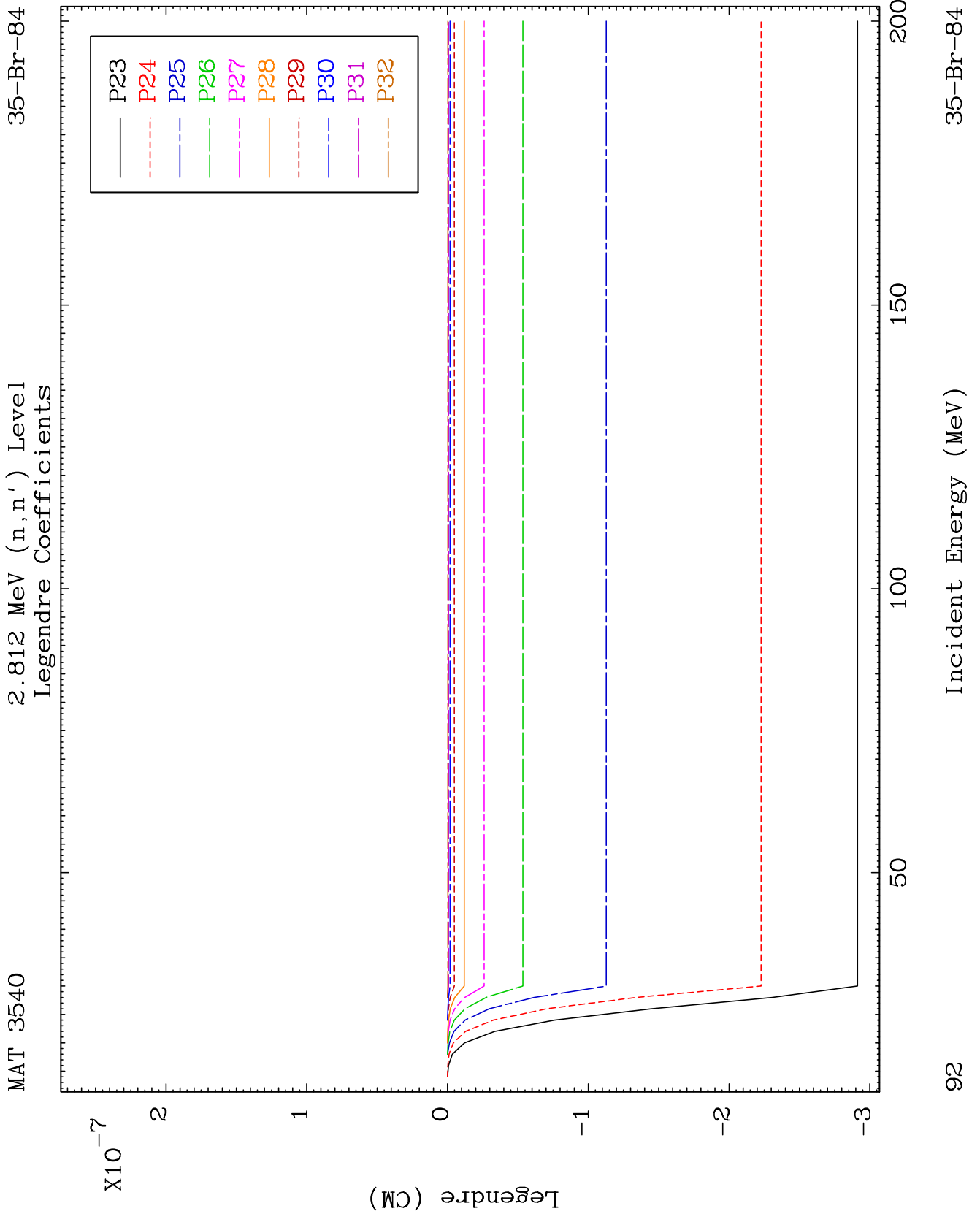


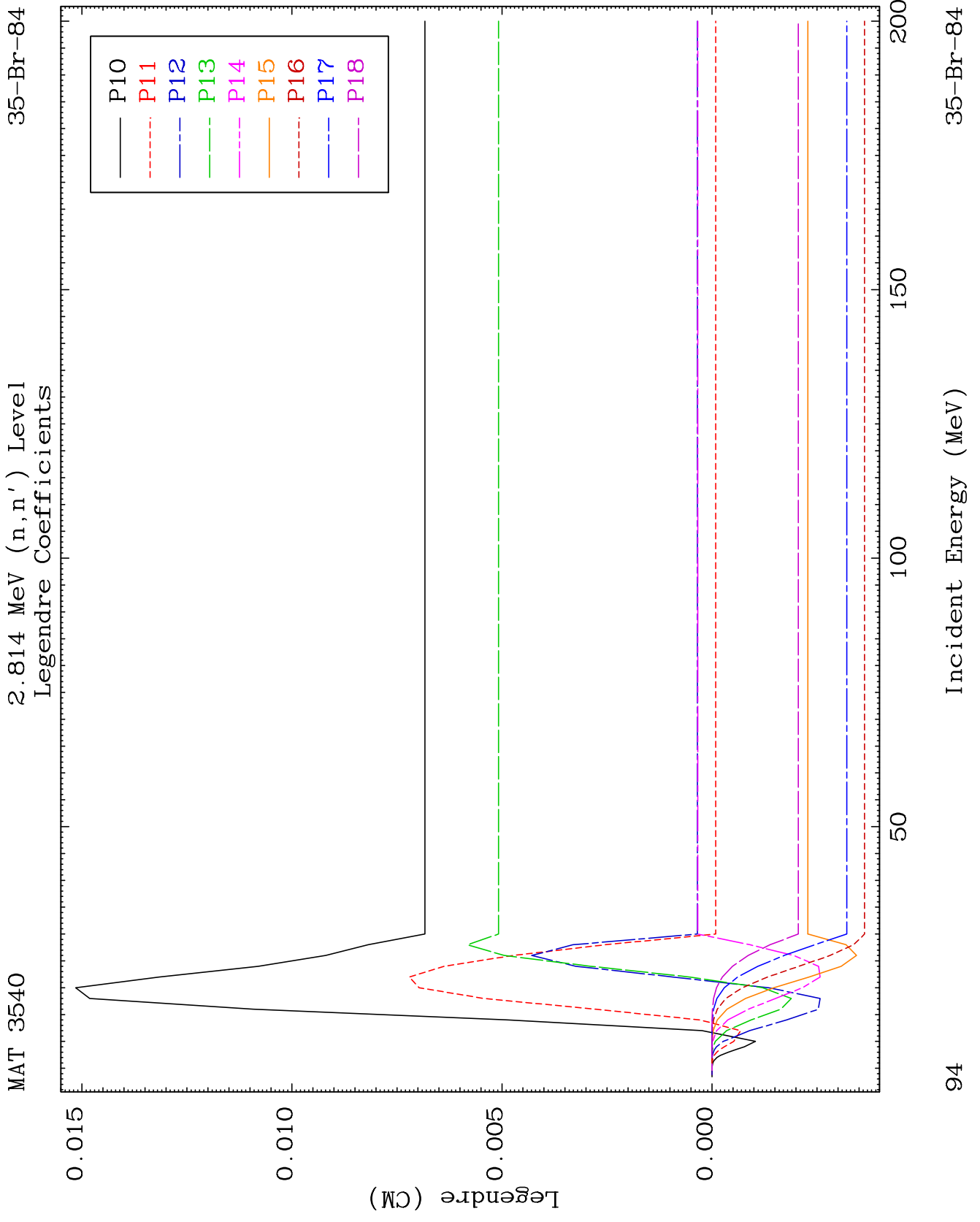


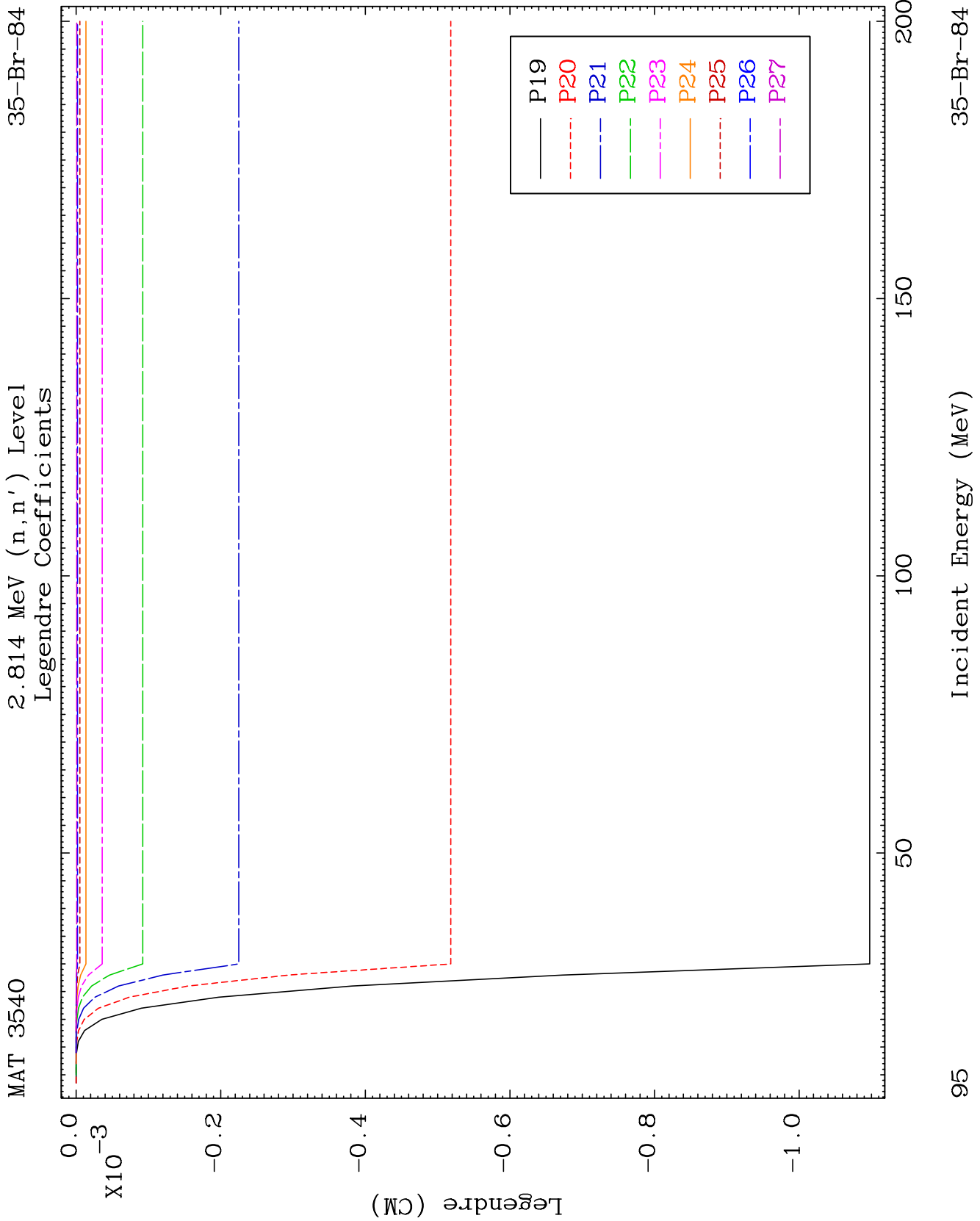


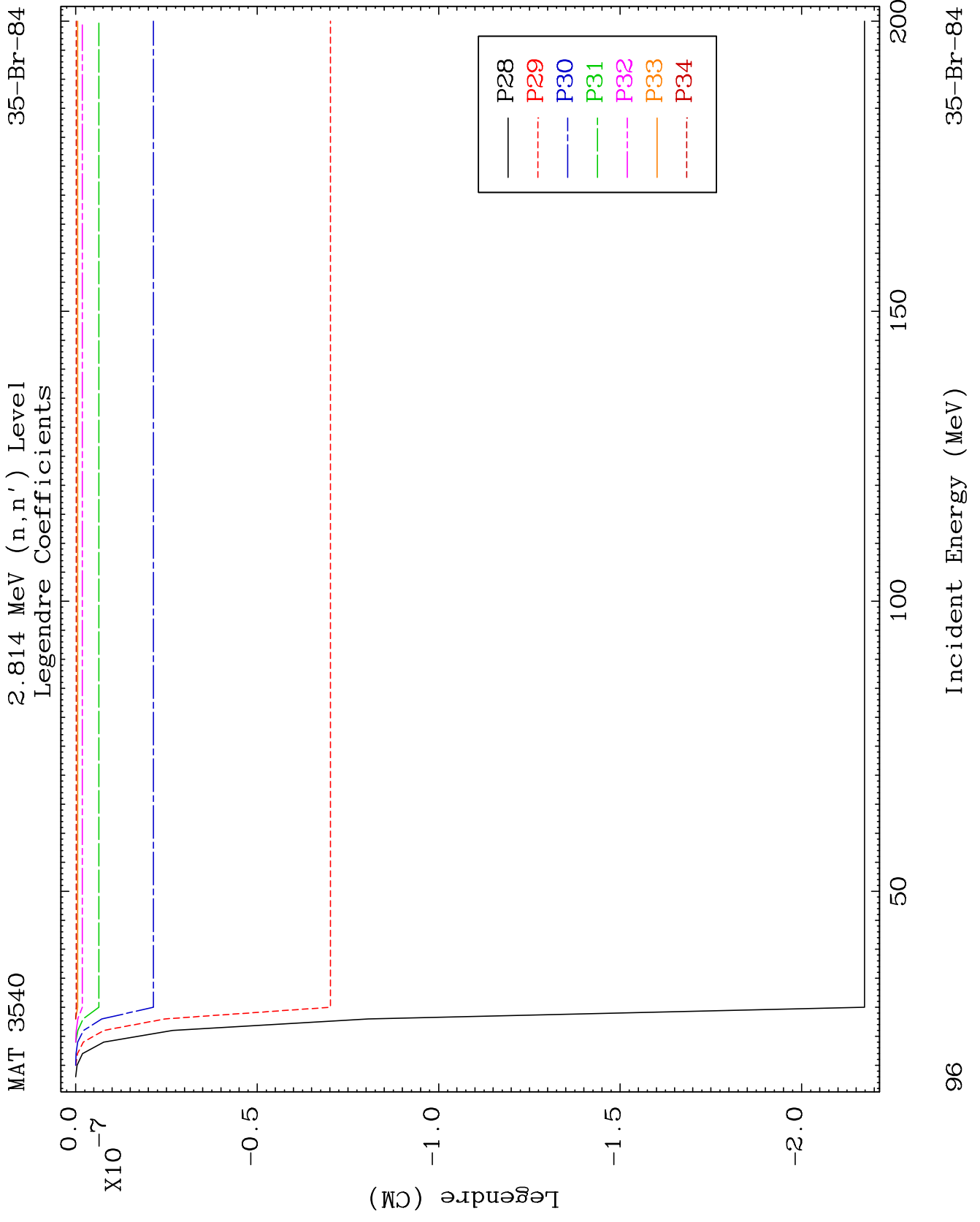


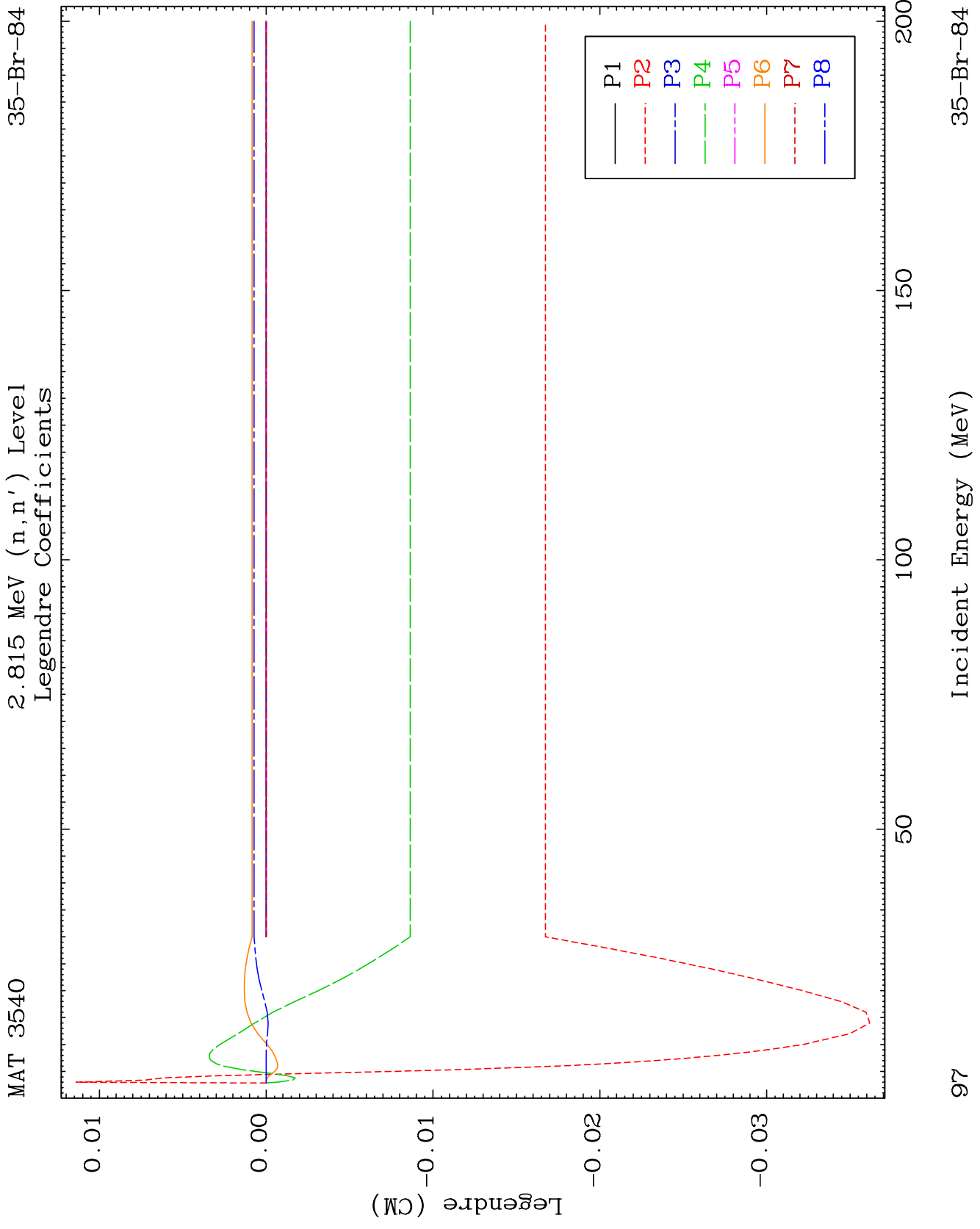


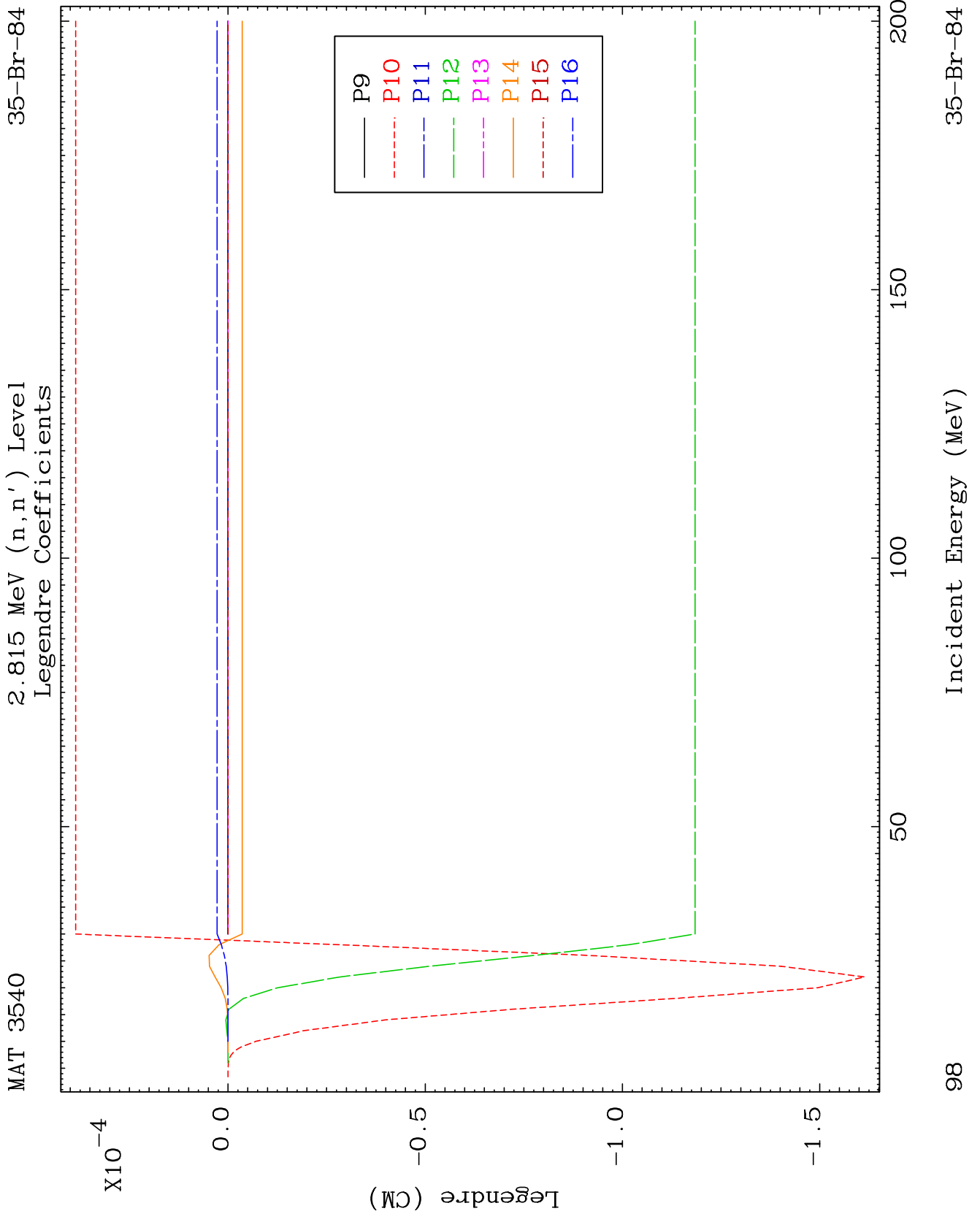


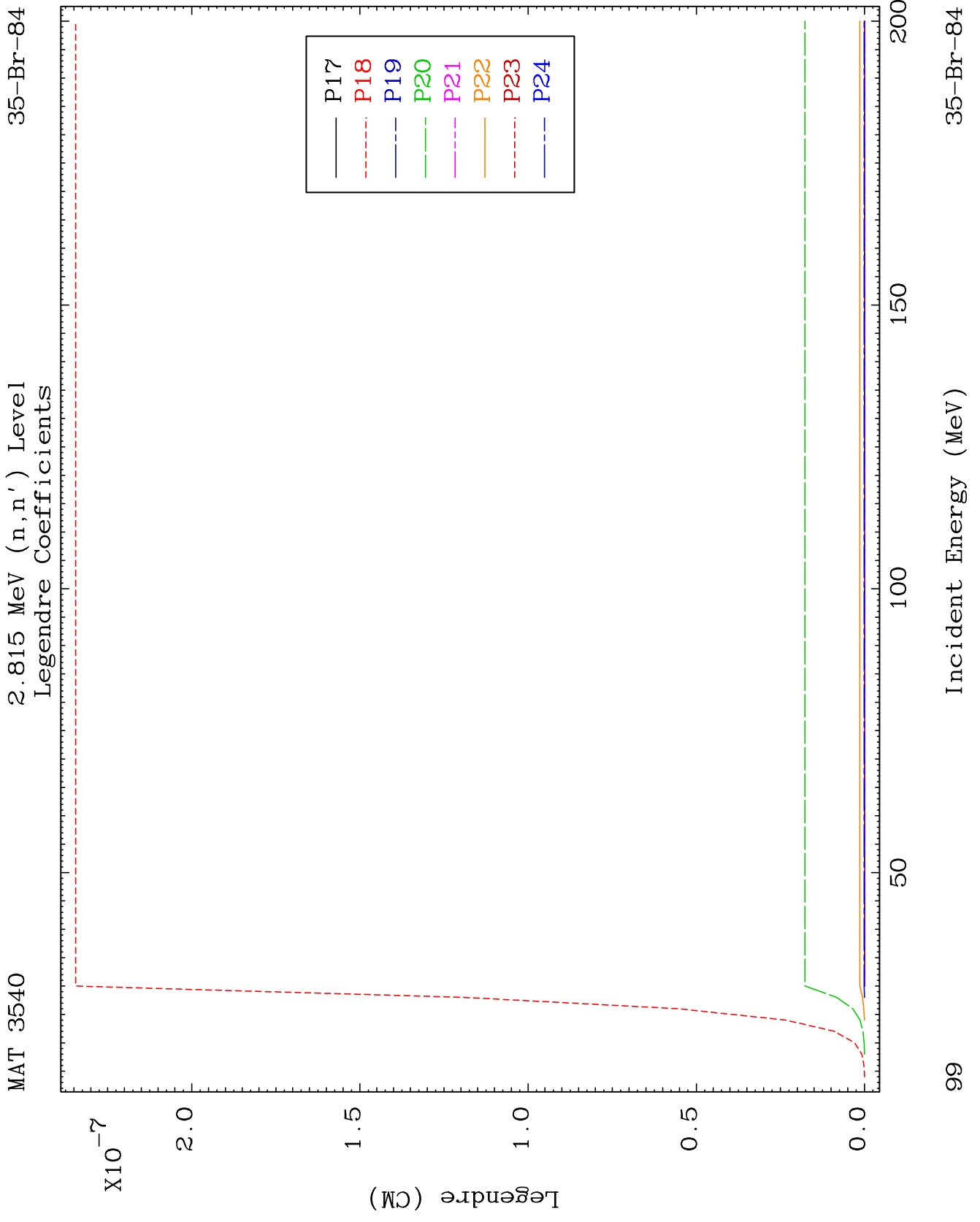


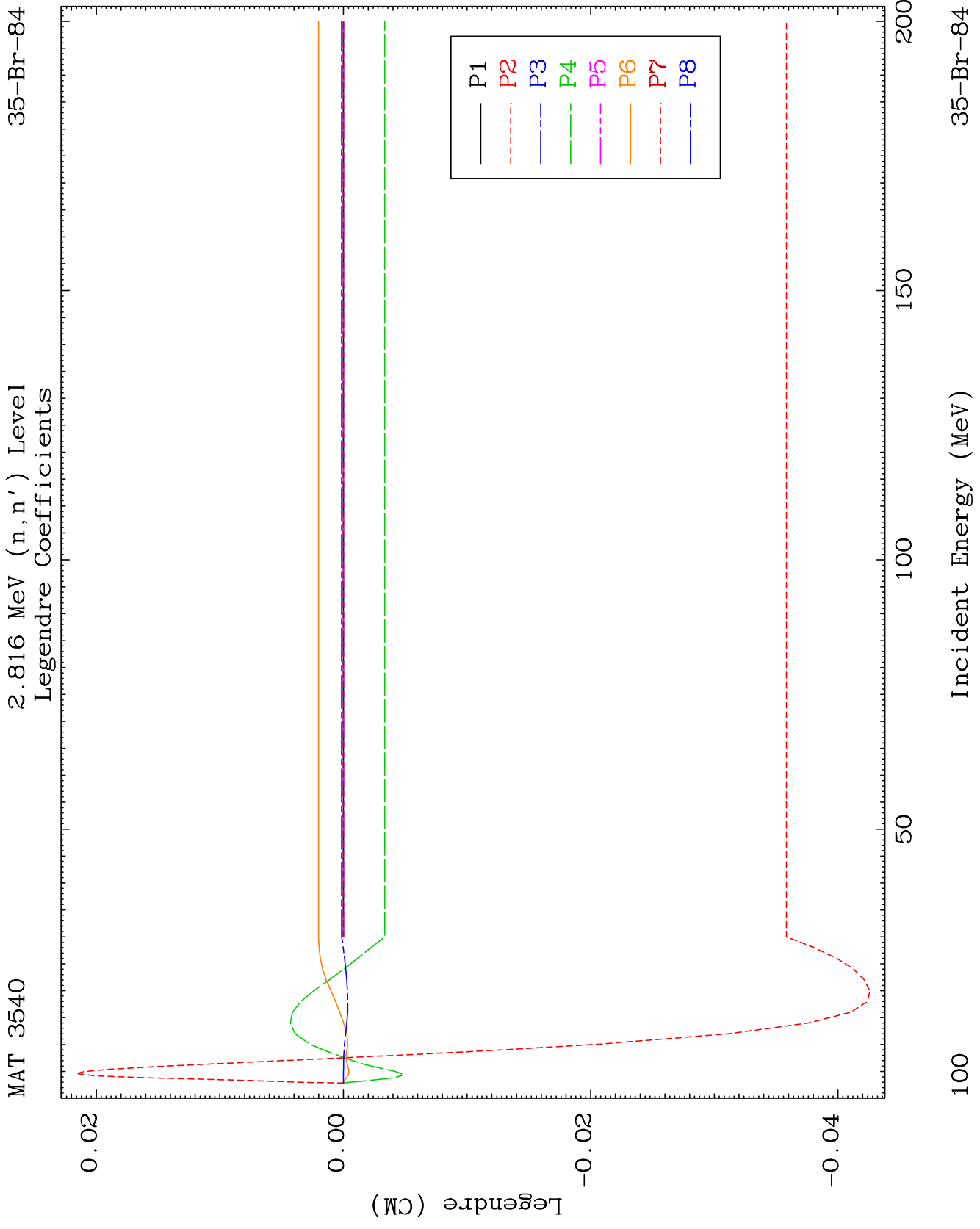


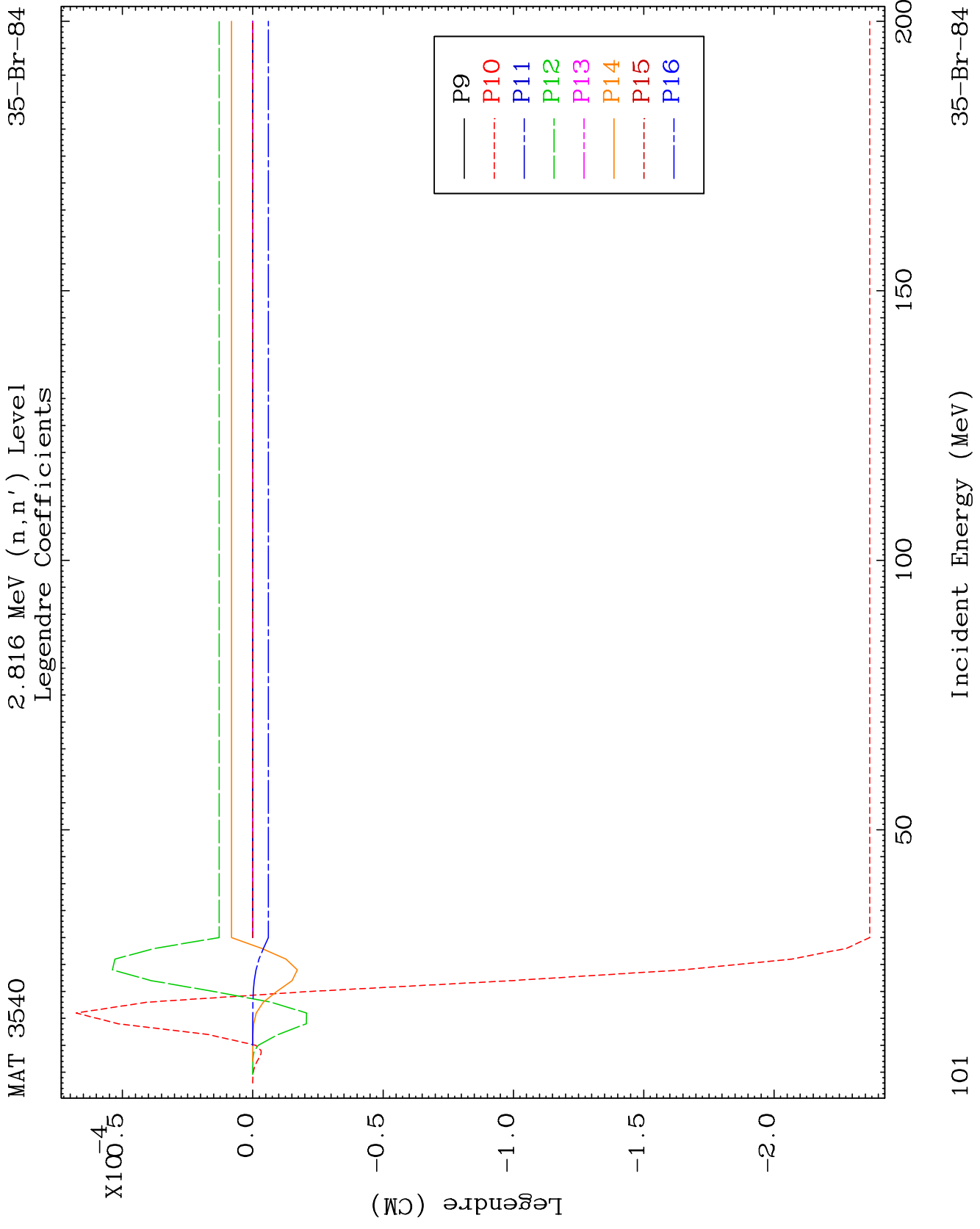


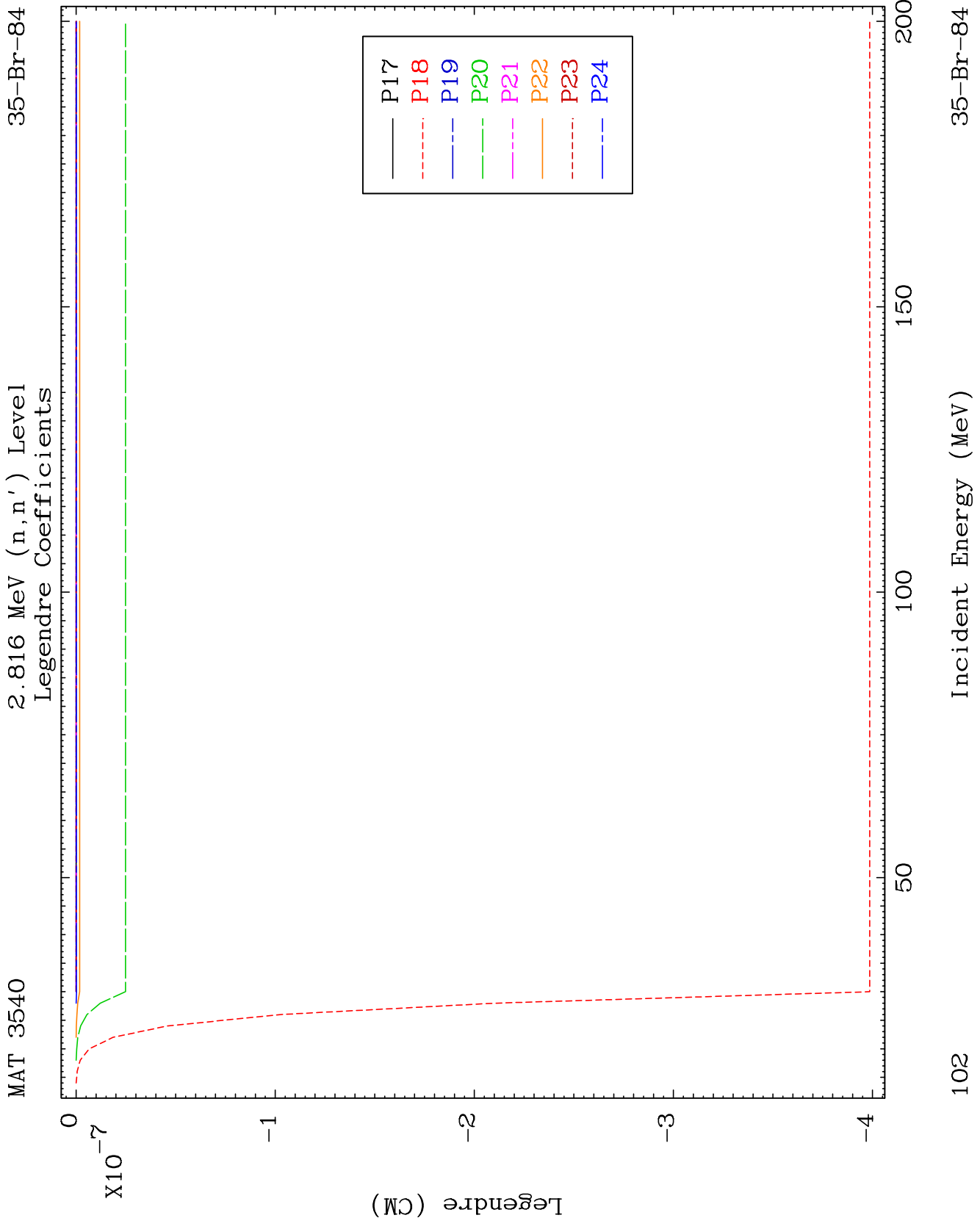








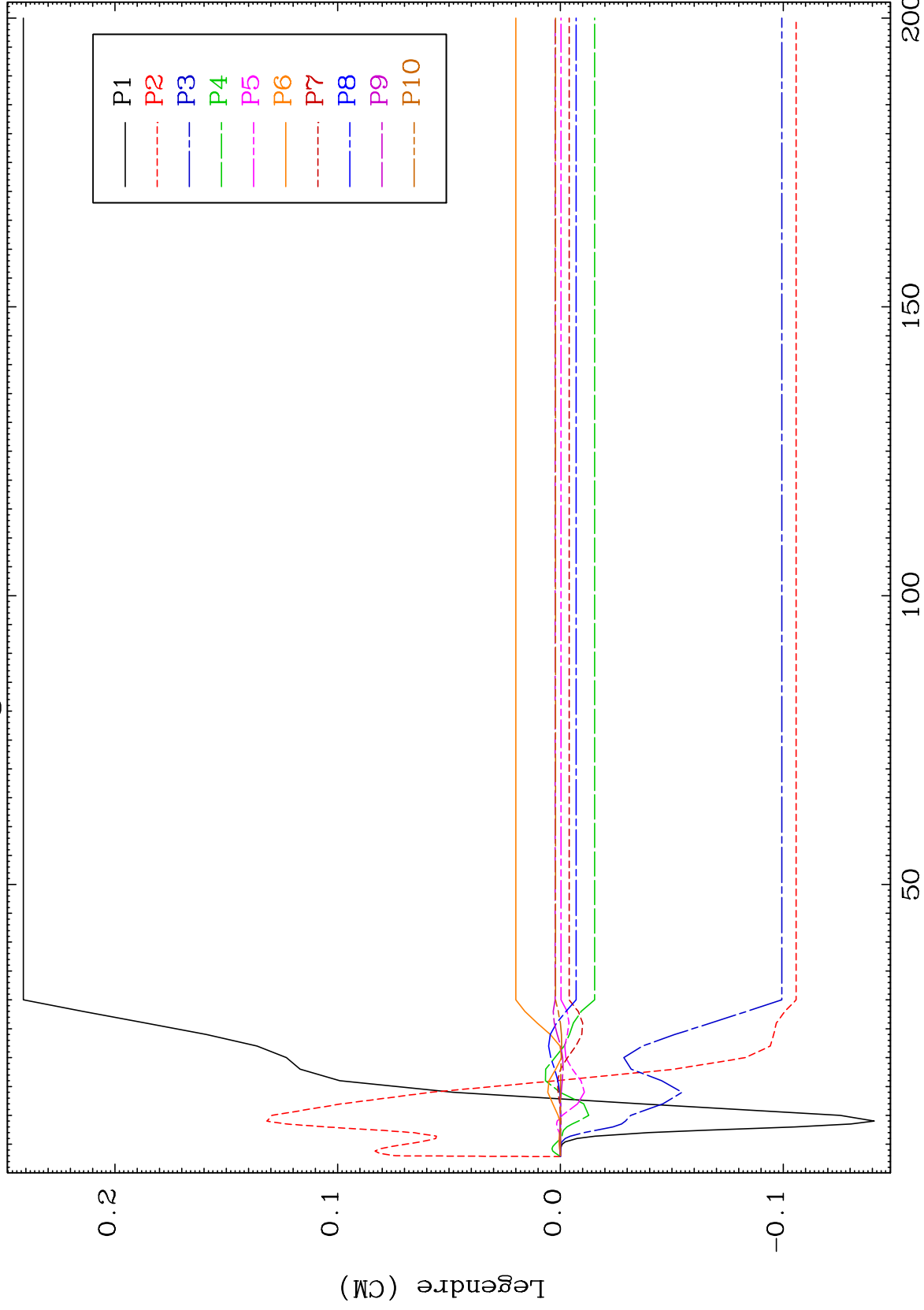




MAT 3540

2.821 MeV (n,n') Level
Legendre Coefficients

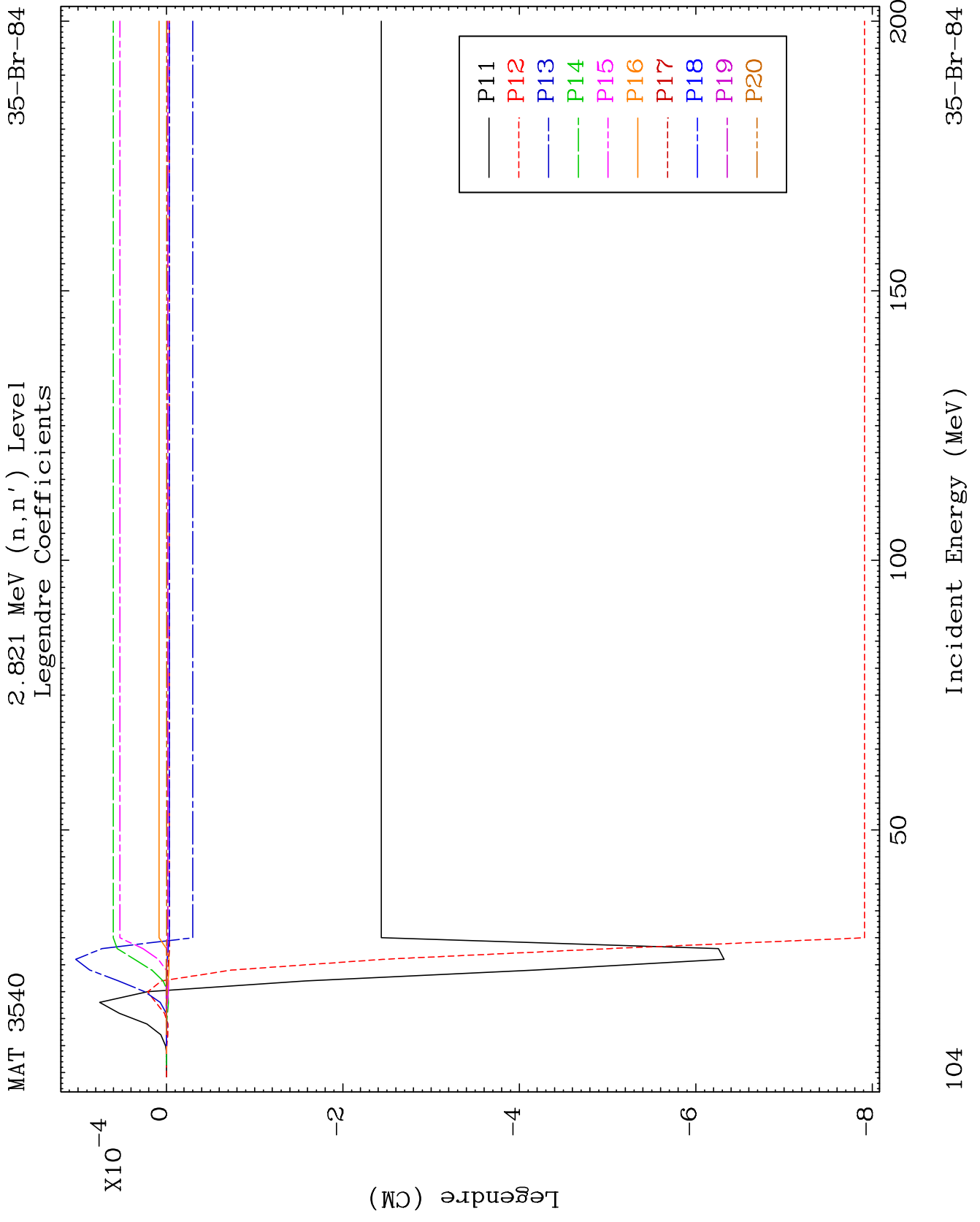
35-Br-84

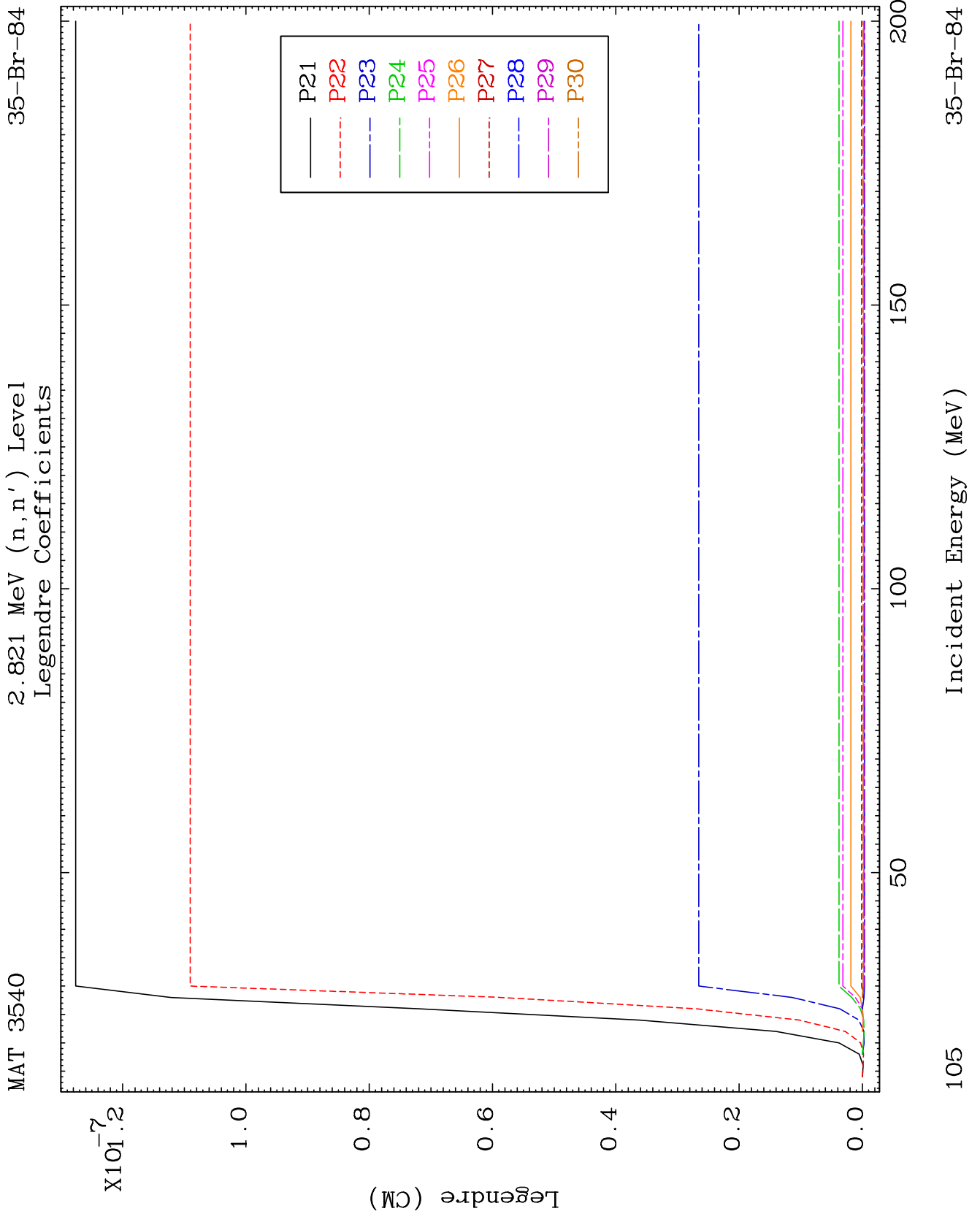


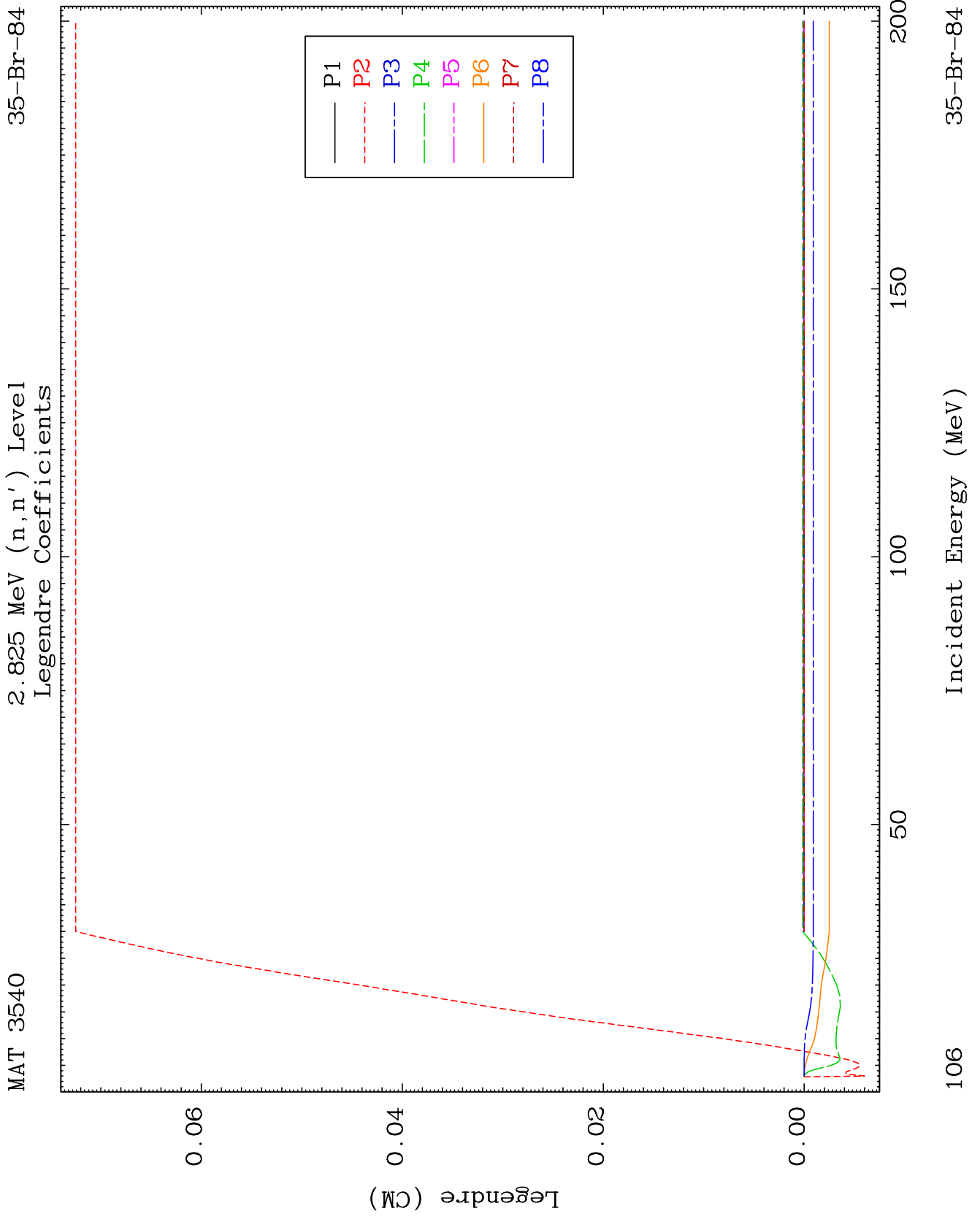
103

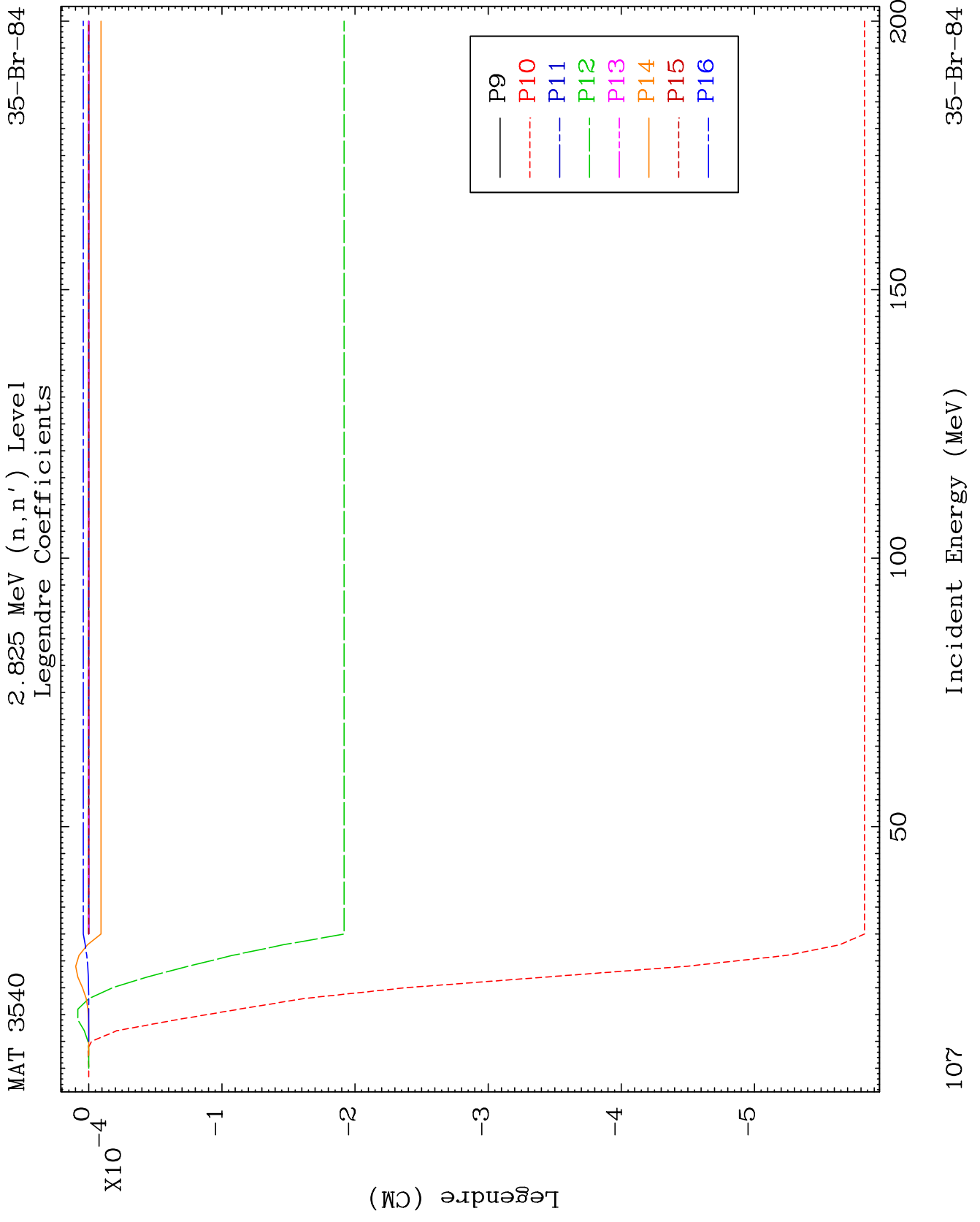
Incident Energy (MeV)

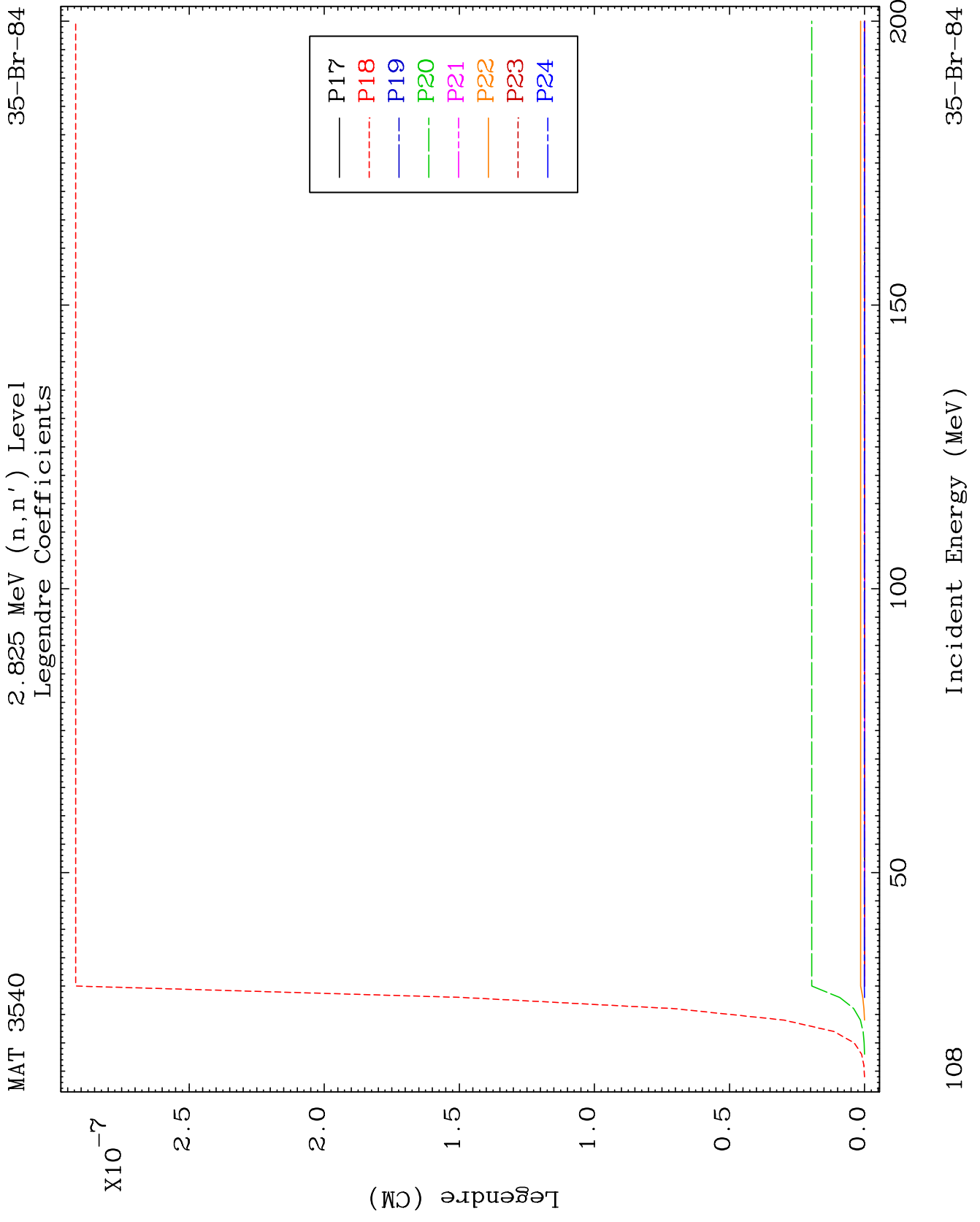
35-Br-84

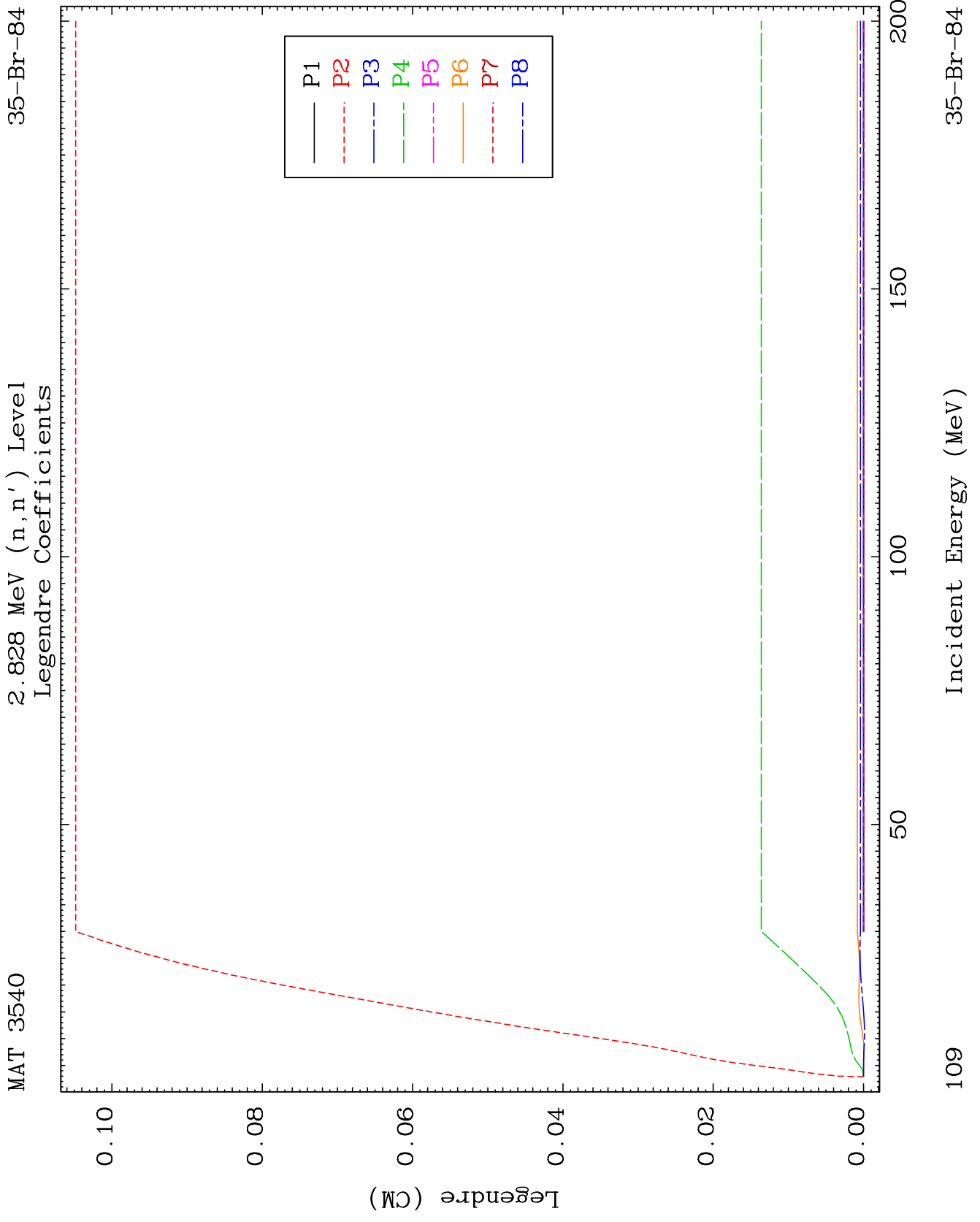


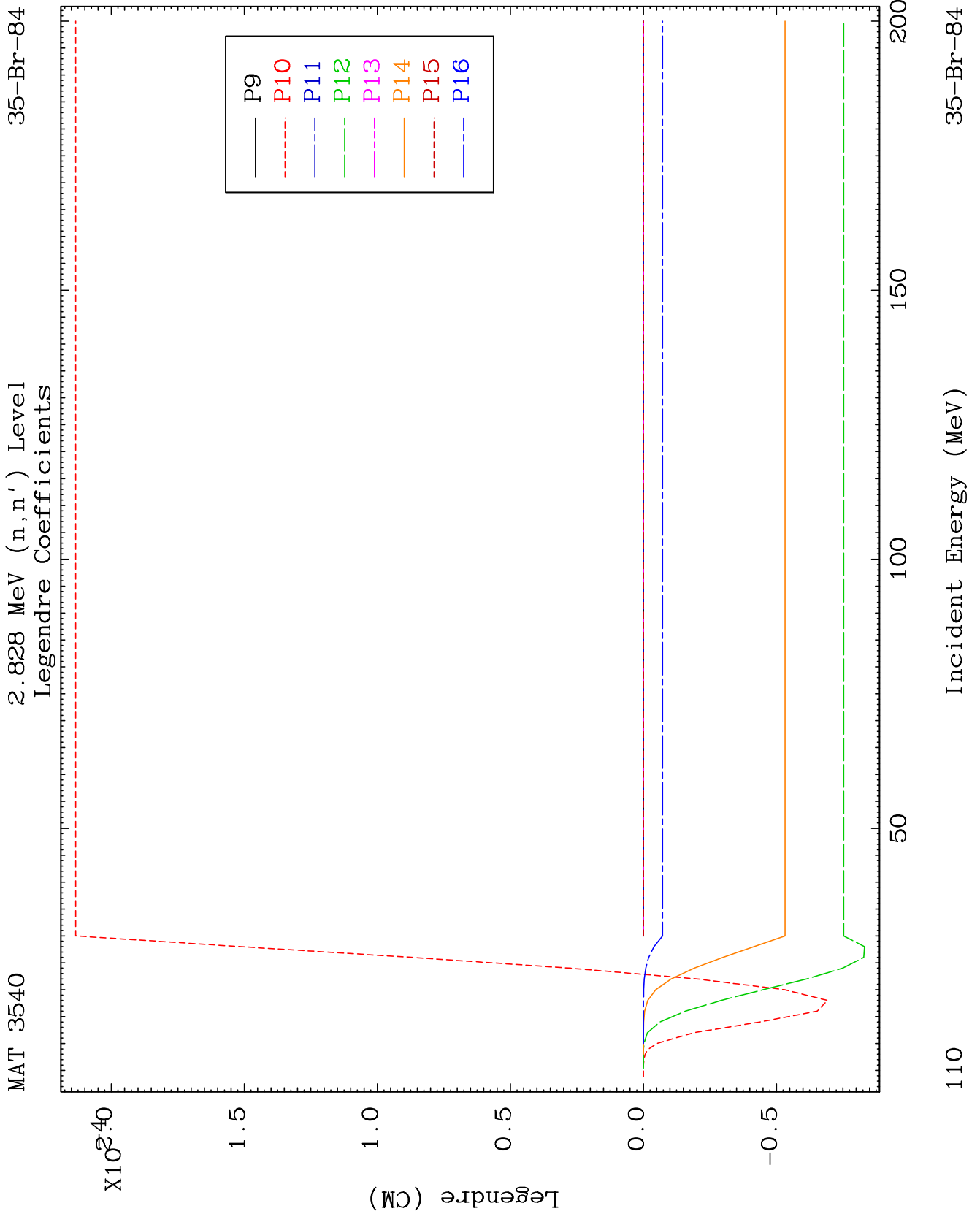


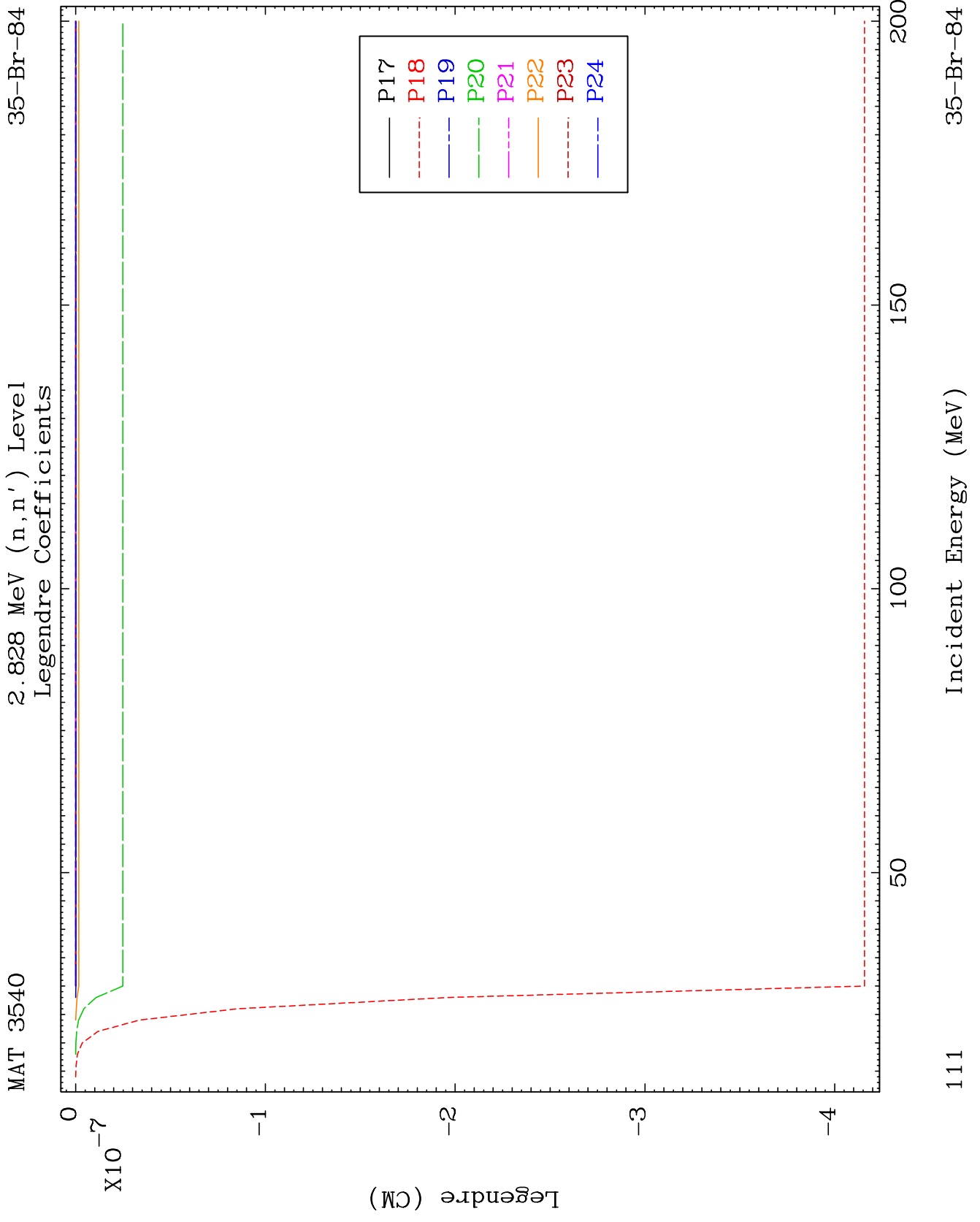








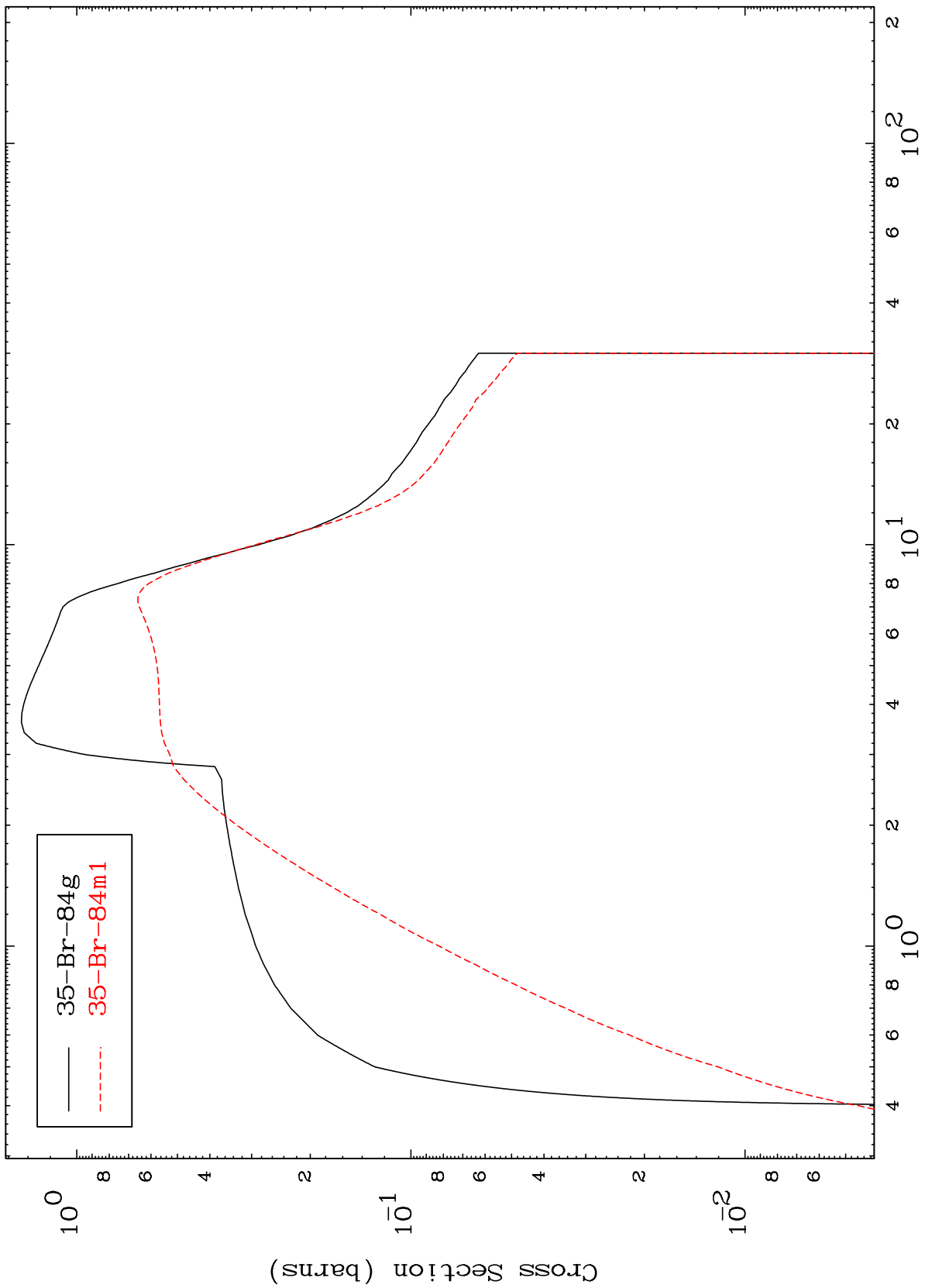




MAT 3540

35-Br-84

Inelastic
Radionuclide Production Cross Section



— 35-Br-84g
- - - 35-Br-84m1

35-Br-84

Incident Energy (MeV)

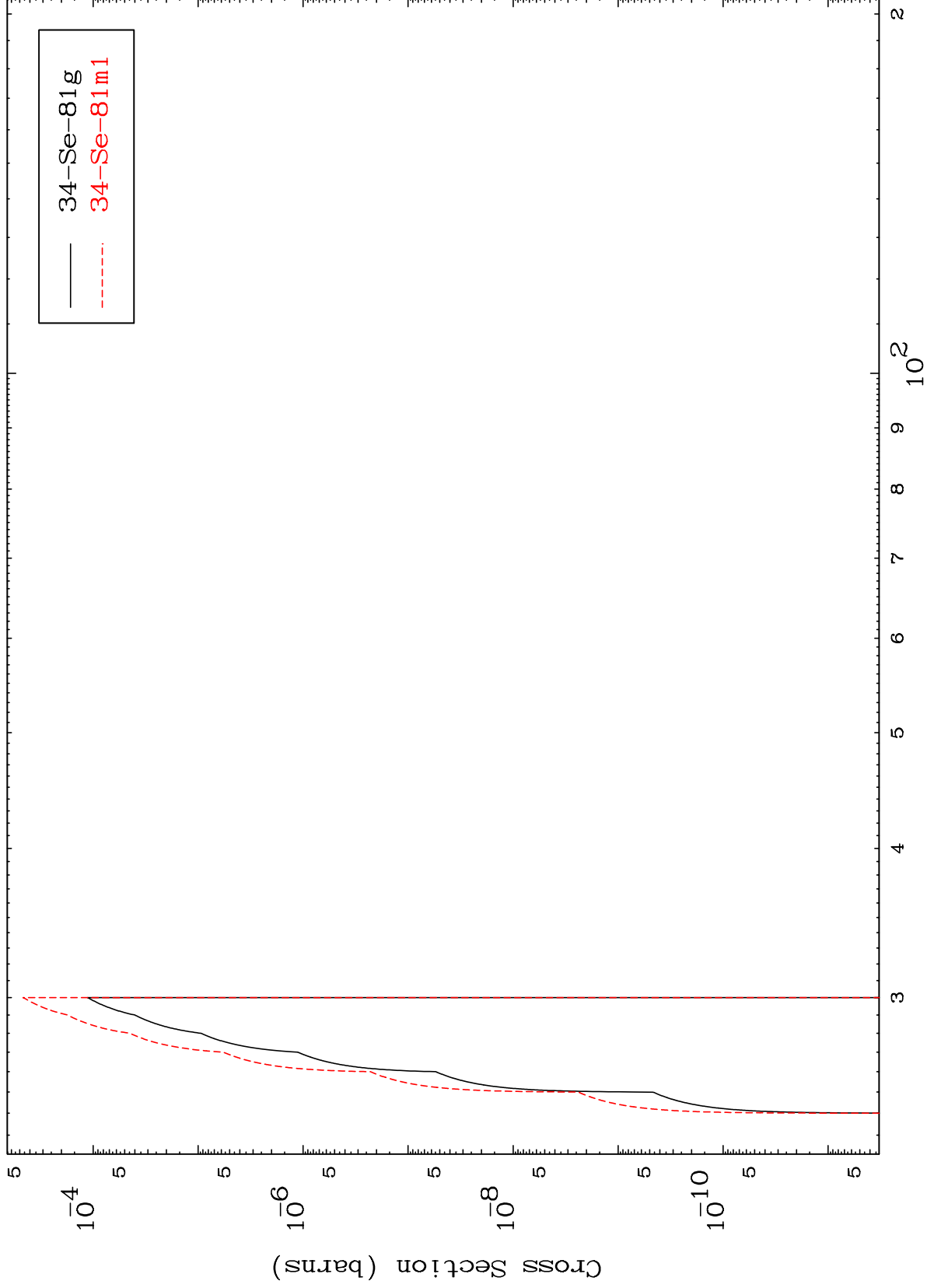
112

MAT 3540

(n,2n) d

35-Br-84

Radionuclide Production Cross Section



113

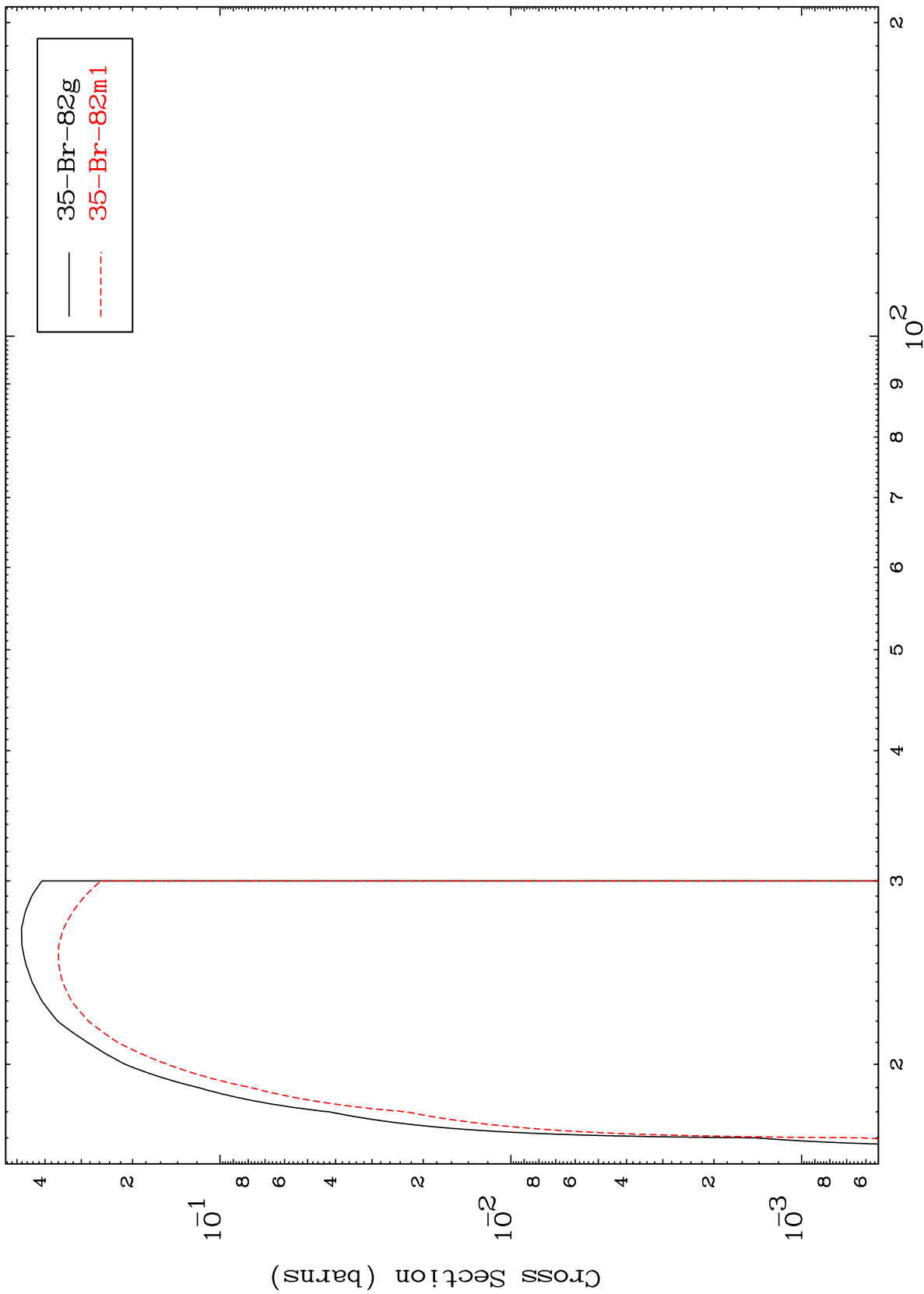
Incident Energy (MeV)

35-Br-84

MAT 3540

35-Br-84

(n,3n)
Radionuclide Production Cross Section



114

Incident Energy (MeV)

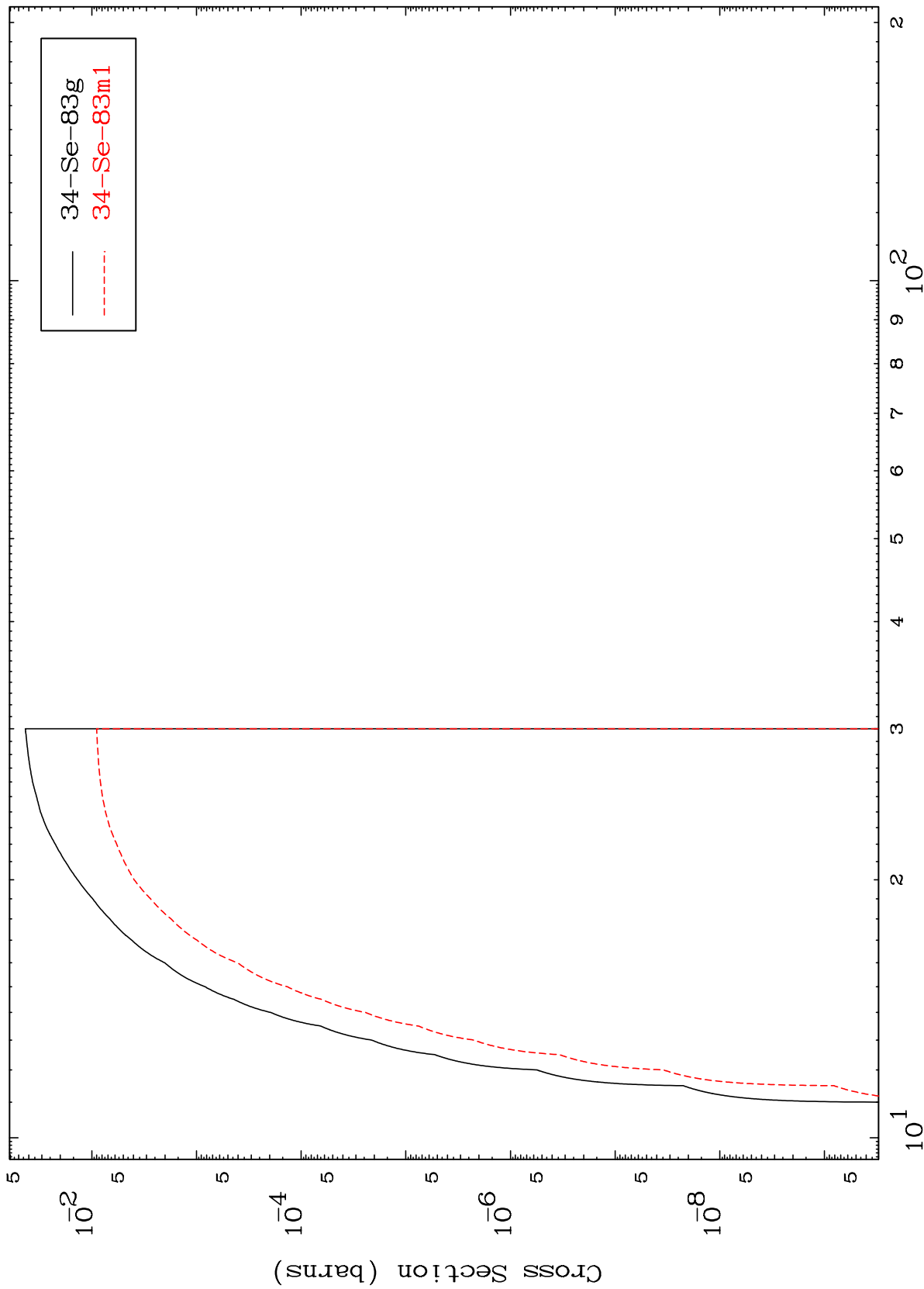
35-Br-84

MAT 3540

(n,n') p

35-Br-84

Radionuclide Production Cross Section

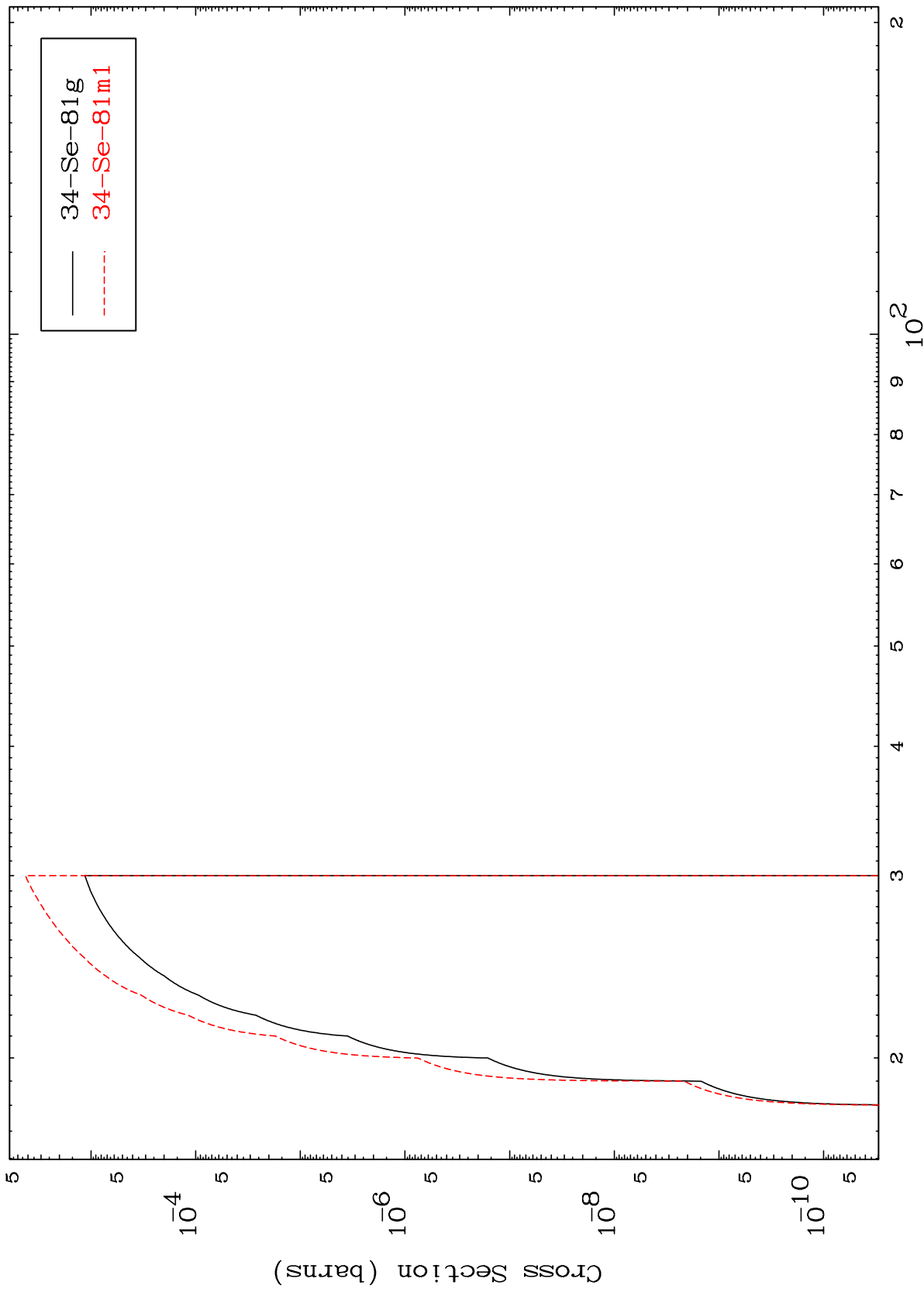


34-Se-83g
34-Se-83m1

Incident Energy (MeV)

35-Br-84

Radionuclide Production Cross Section

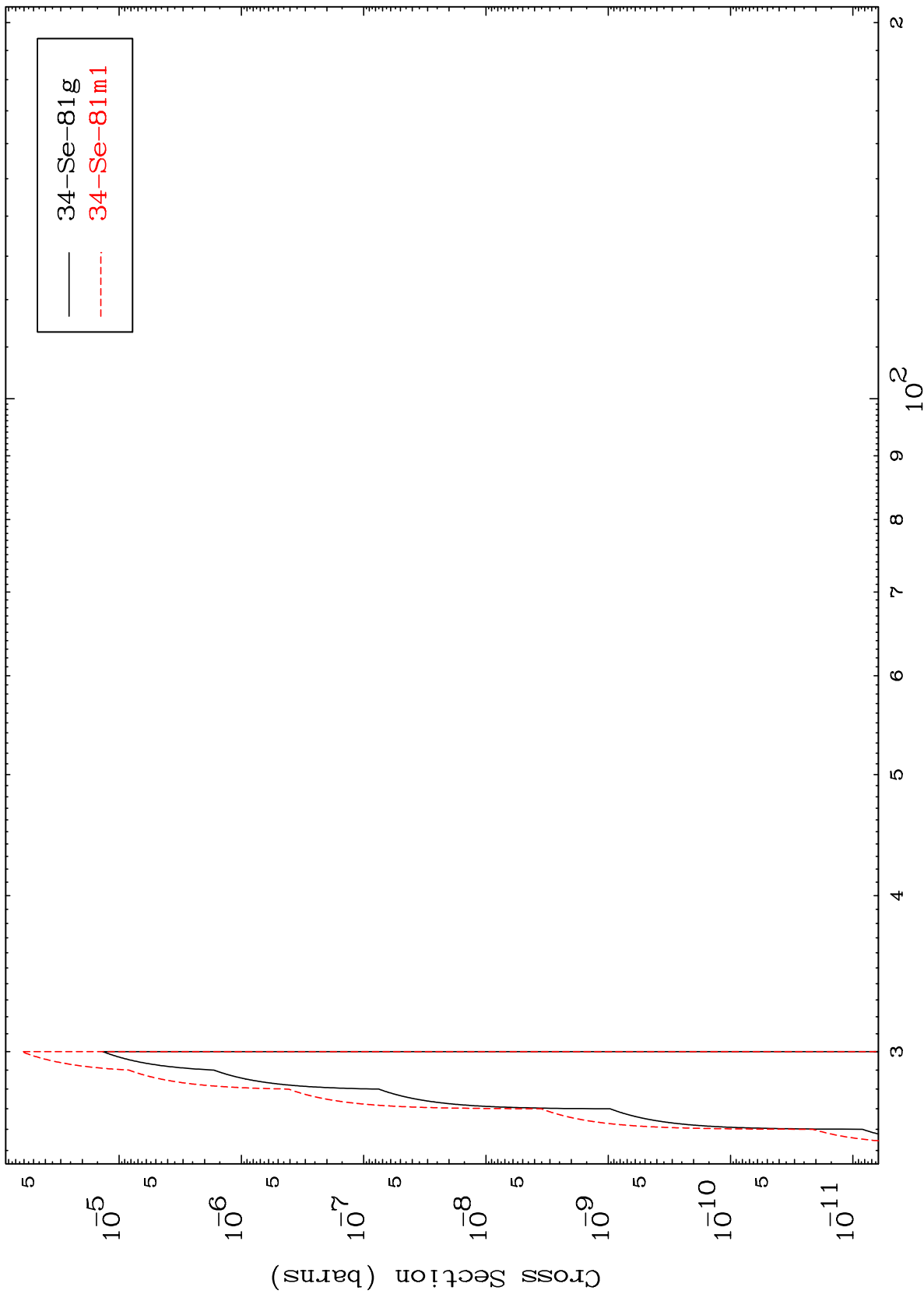


MAT 3540

(n,3n) p

35-Br-84

Radionuclide Production Cross Section



117

Incident Energy (MeV)

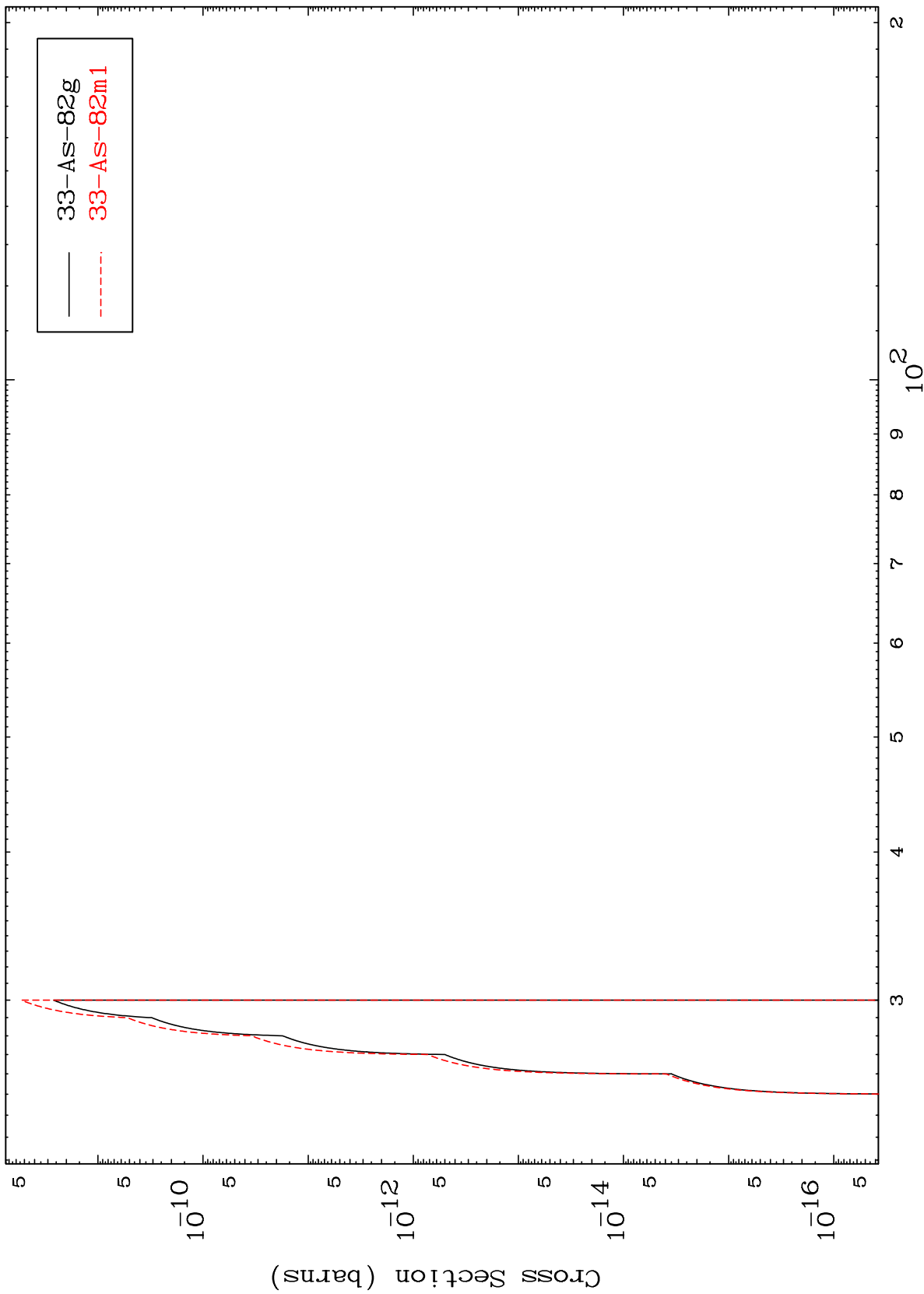
35-Br-84

MAT 3540

(n,2n) p

35-Br-84

Radionuclide Production Cross Section



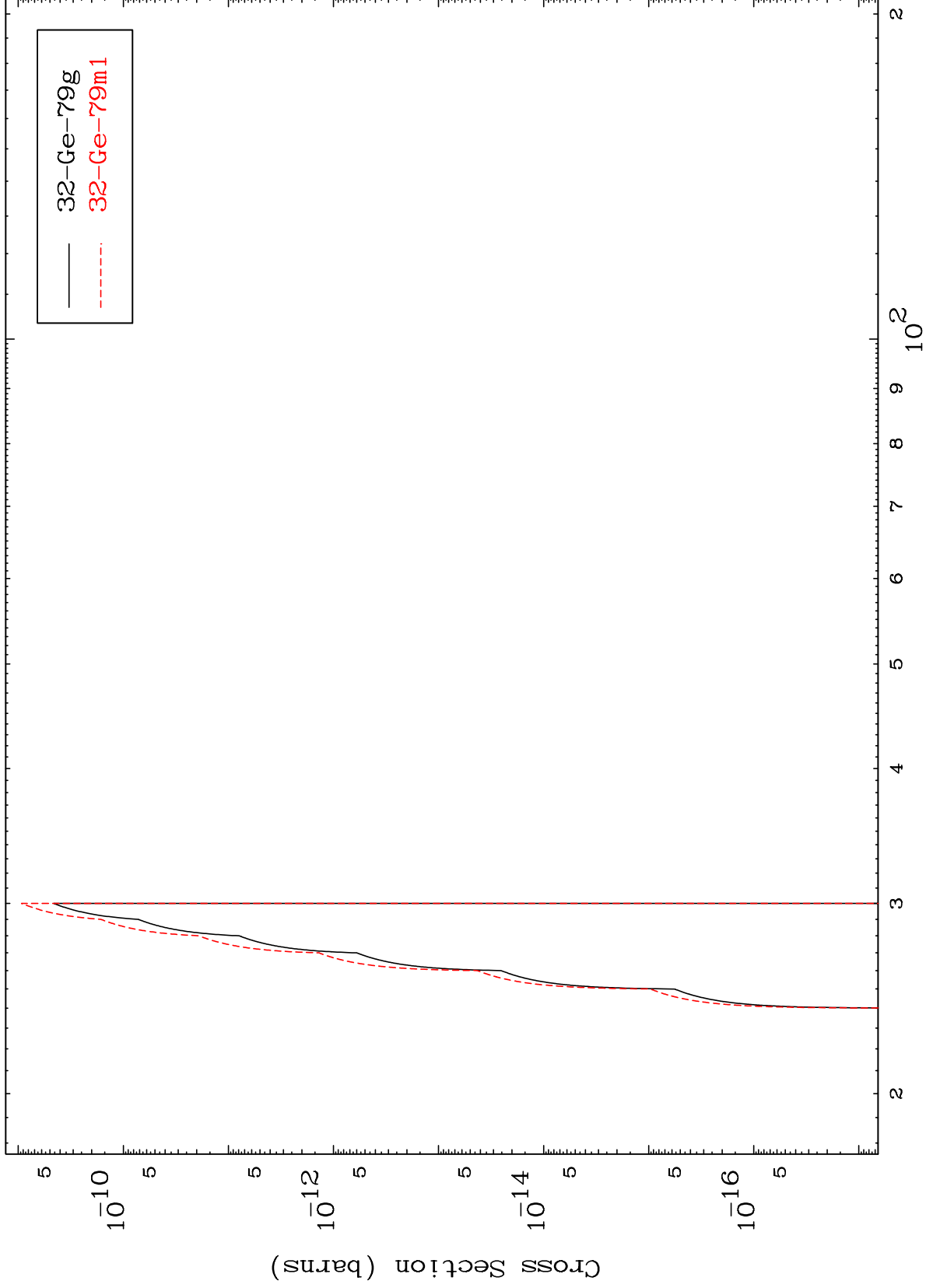
33-As-82g
33-As-82m1

118

Incident Energy (MeV)

35-Br-84

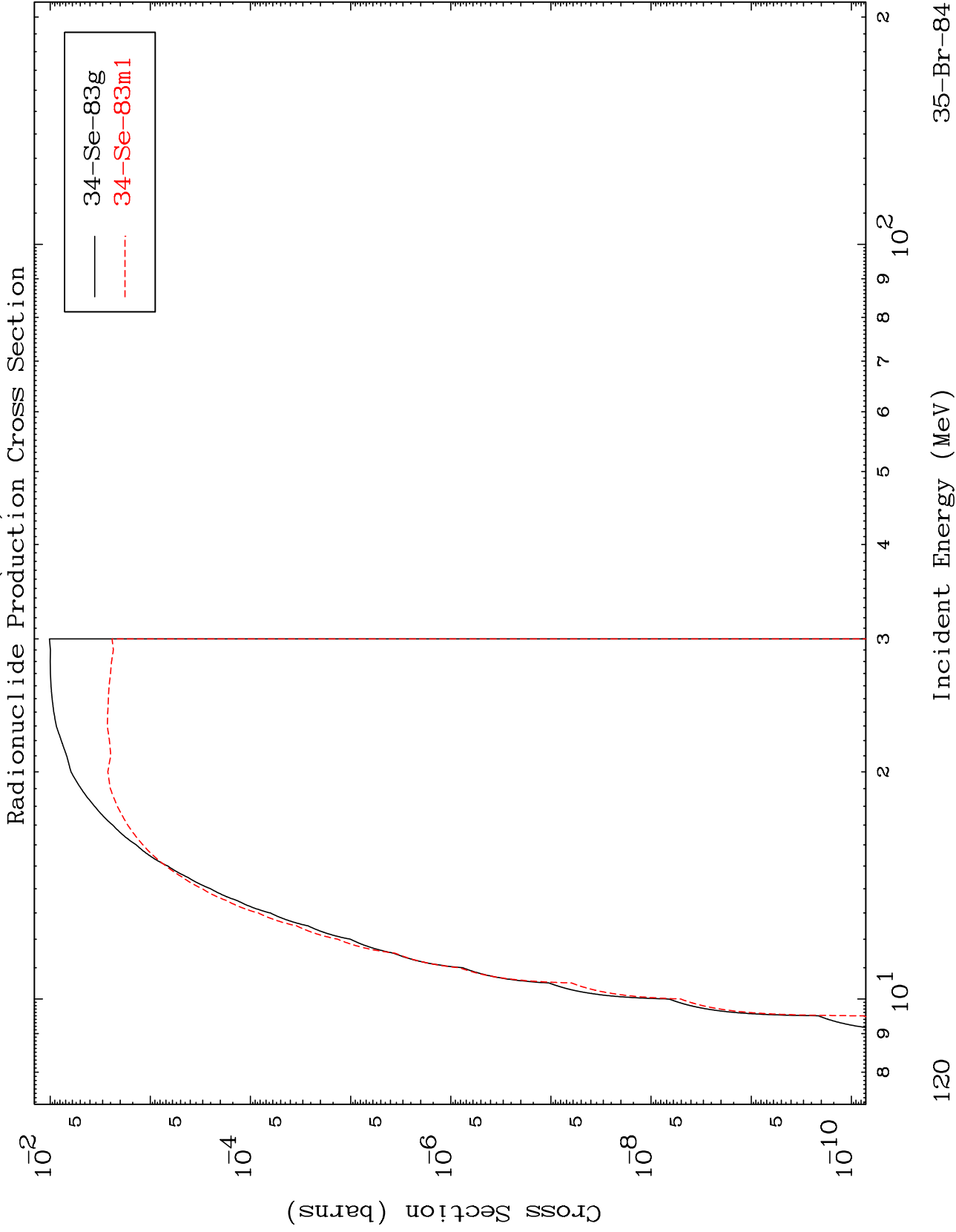
Radionuclide Production Cross Section



MAT 3540

(n,d)

35-Br-84



120

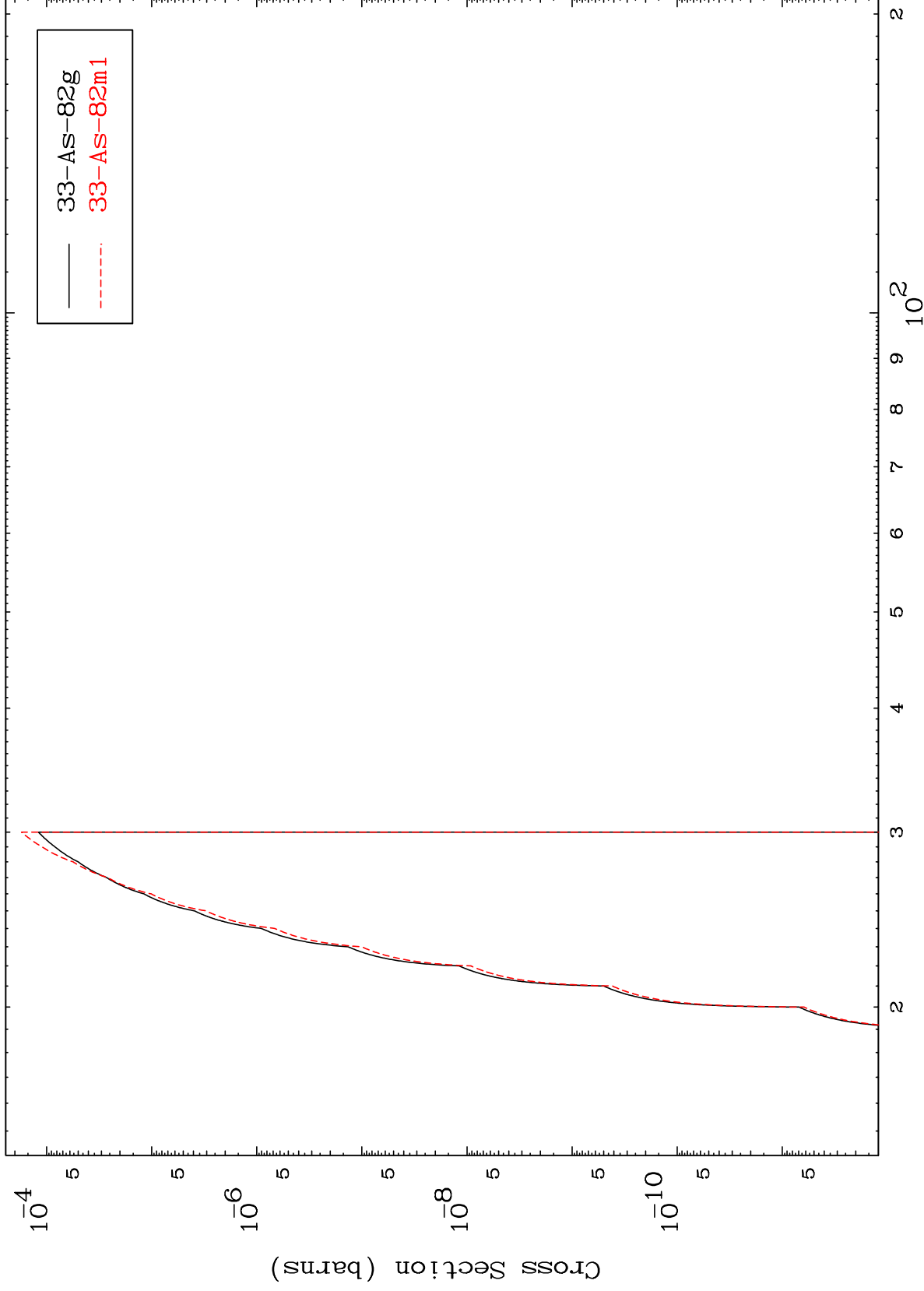
35-Br-84

MAT 3540

(n,He-3)

35-Br-84

Radionuclide Production Cross Section

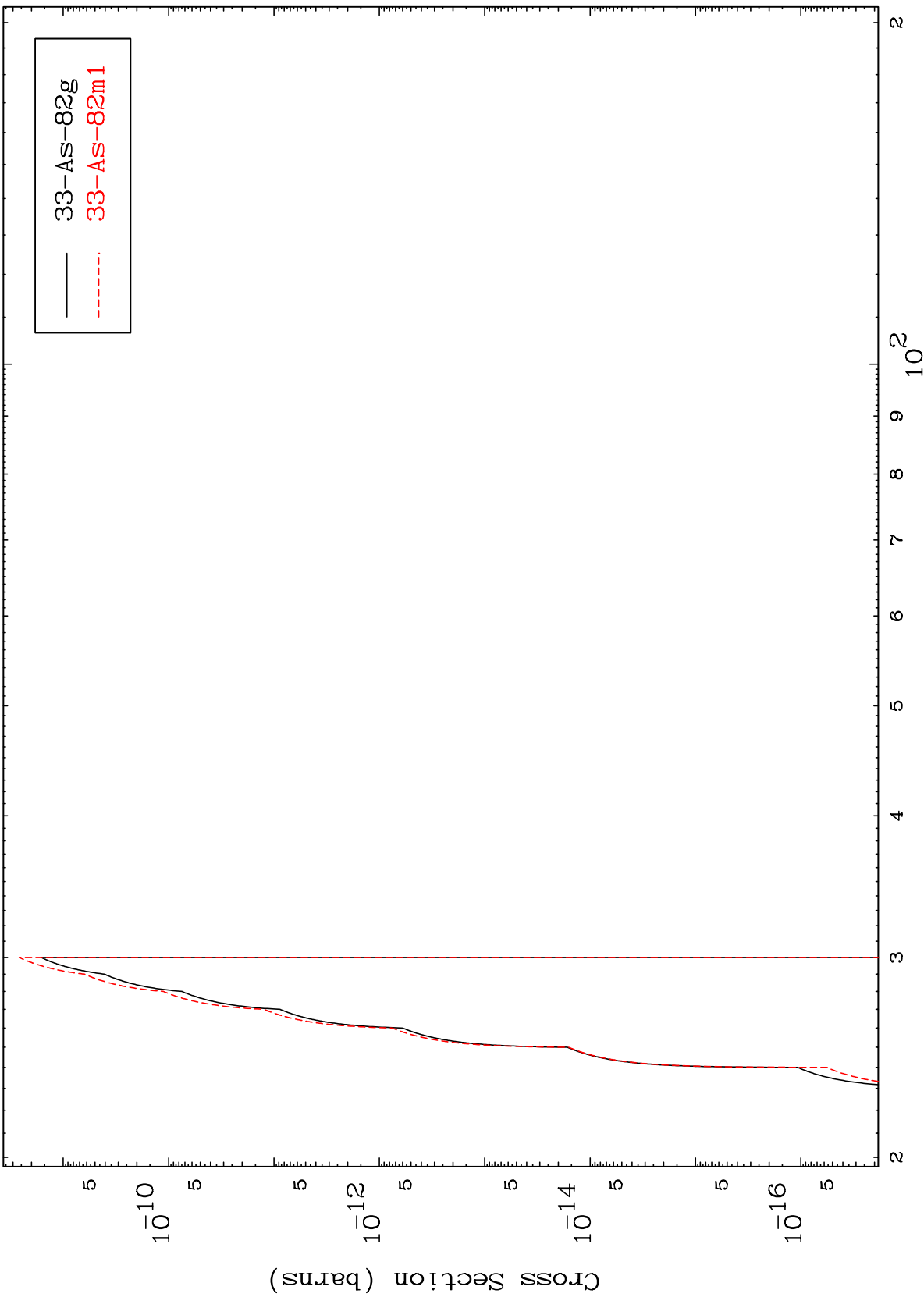


121

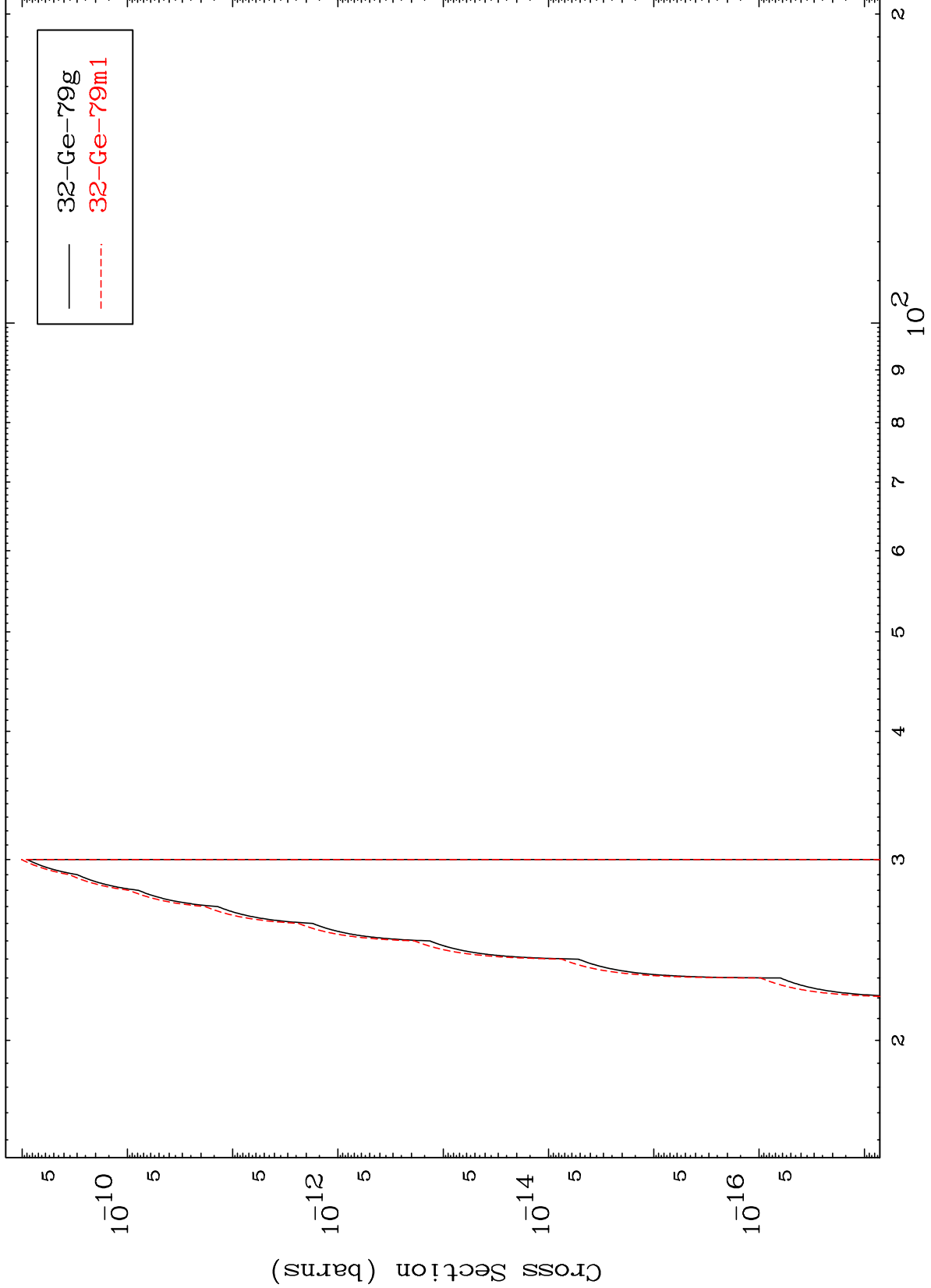
Incident Energy (MeV)

35-Br-84

Radionuclide Production Cross Section



Radionuclide Production Cross Section



— 32-Ge-79g
- - - 32-Ge-79m1