

Program EVALPLOT
(Version 2017-1)

by

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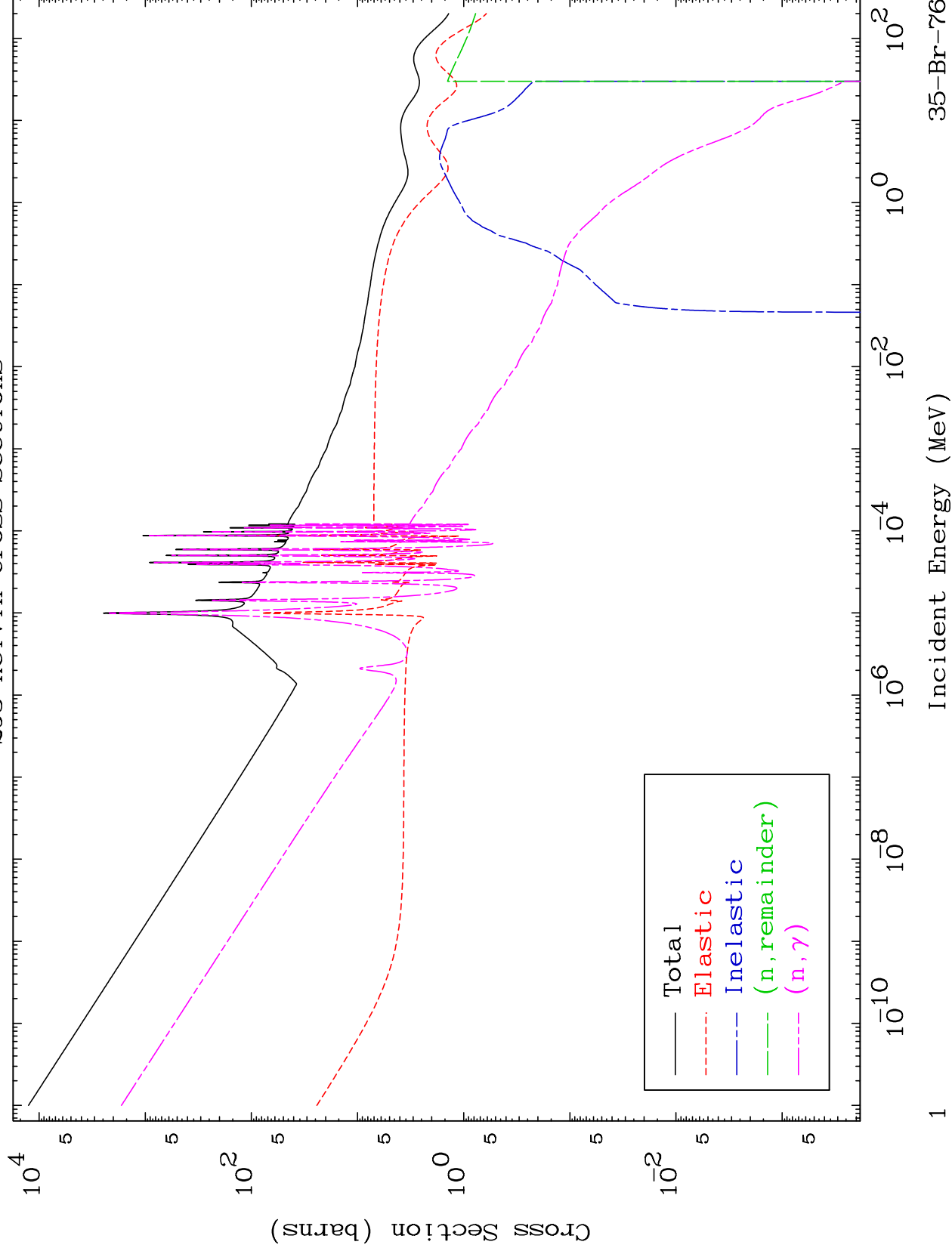
Press Mouse Button to Start

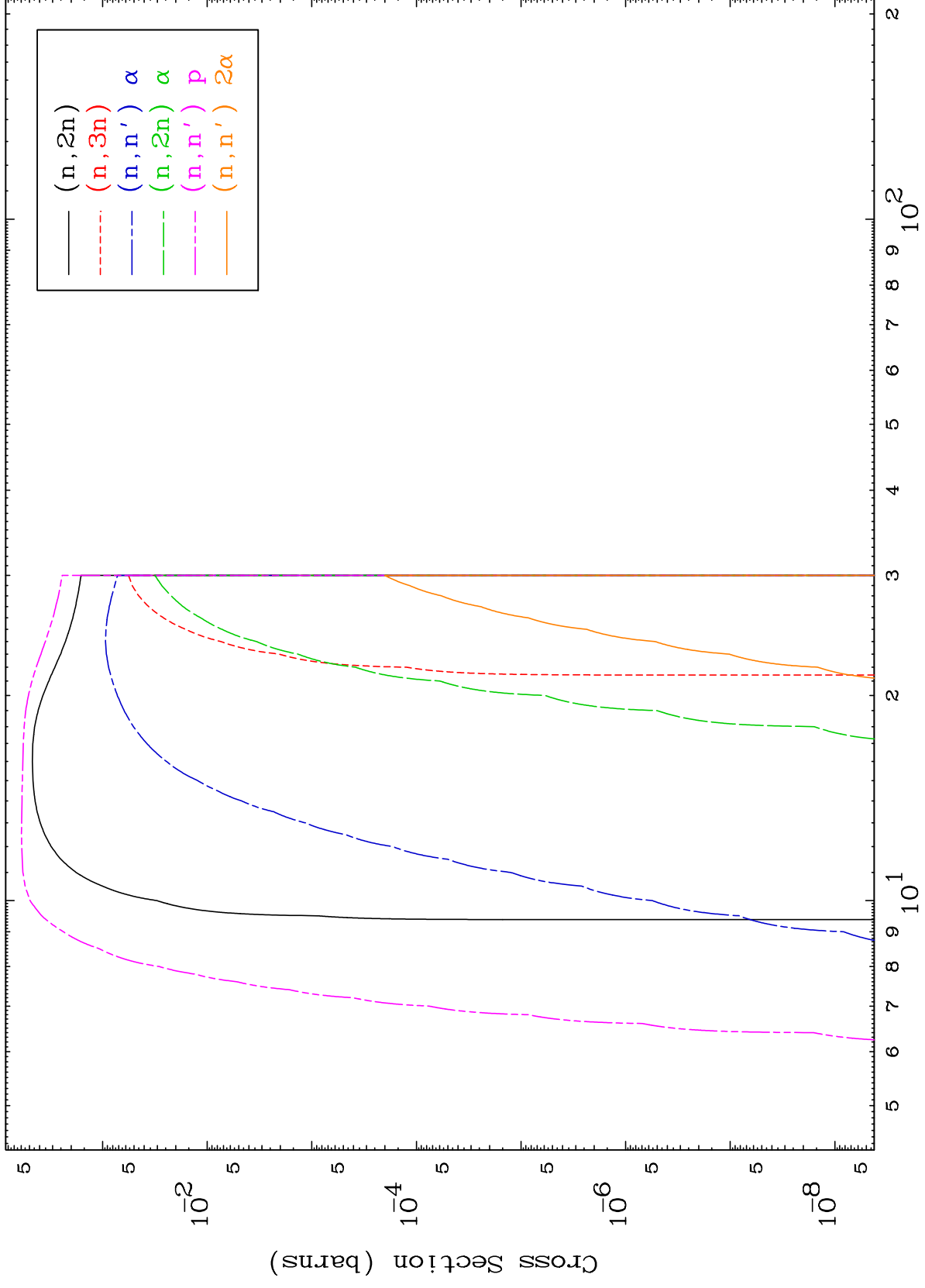
MAT 3516

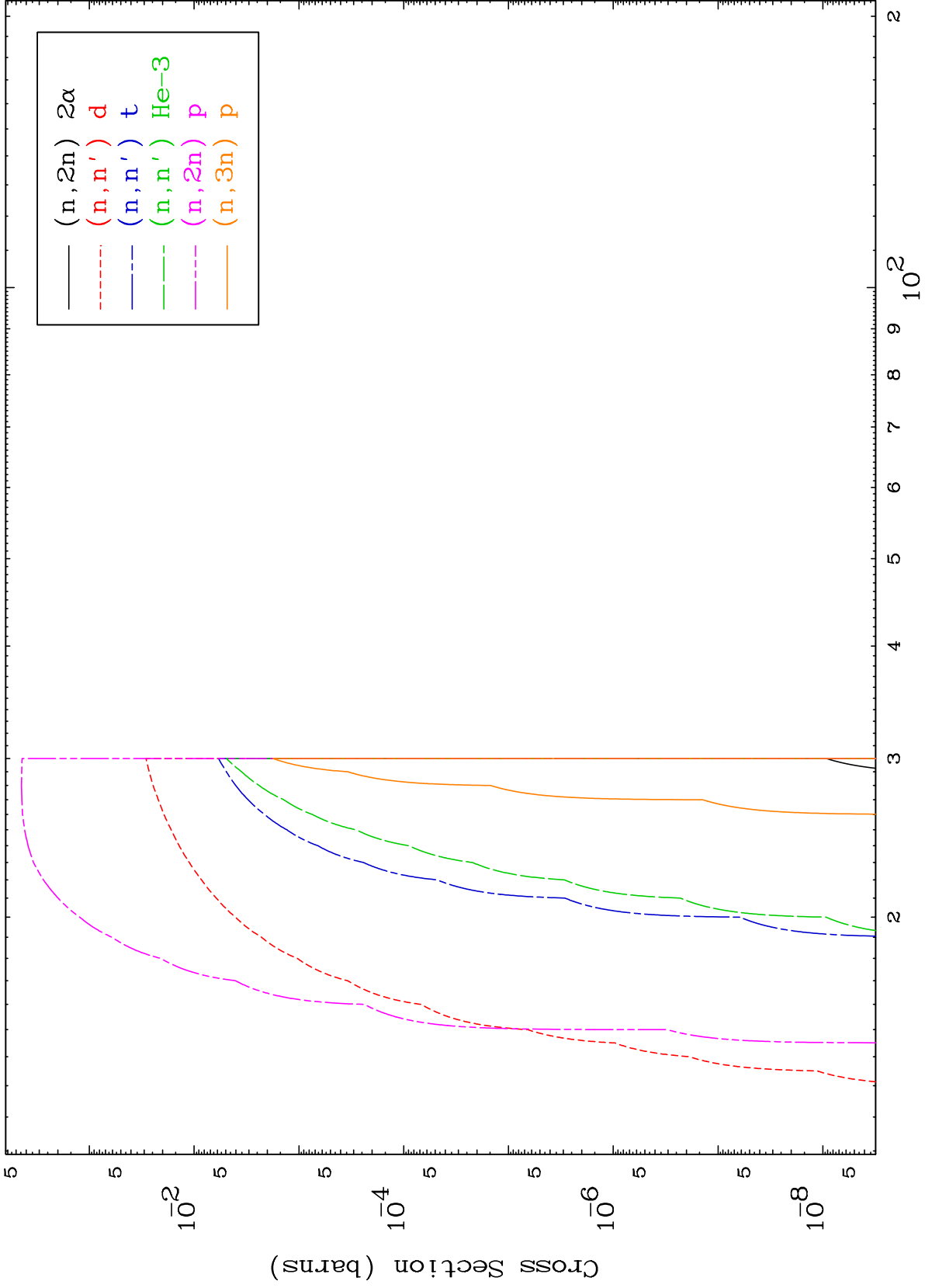
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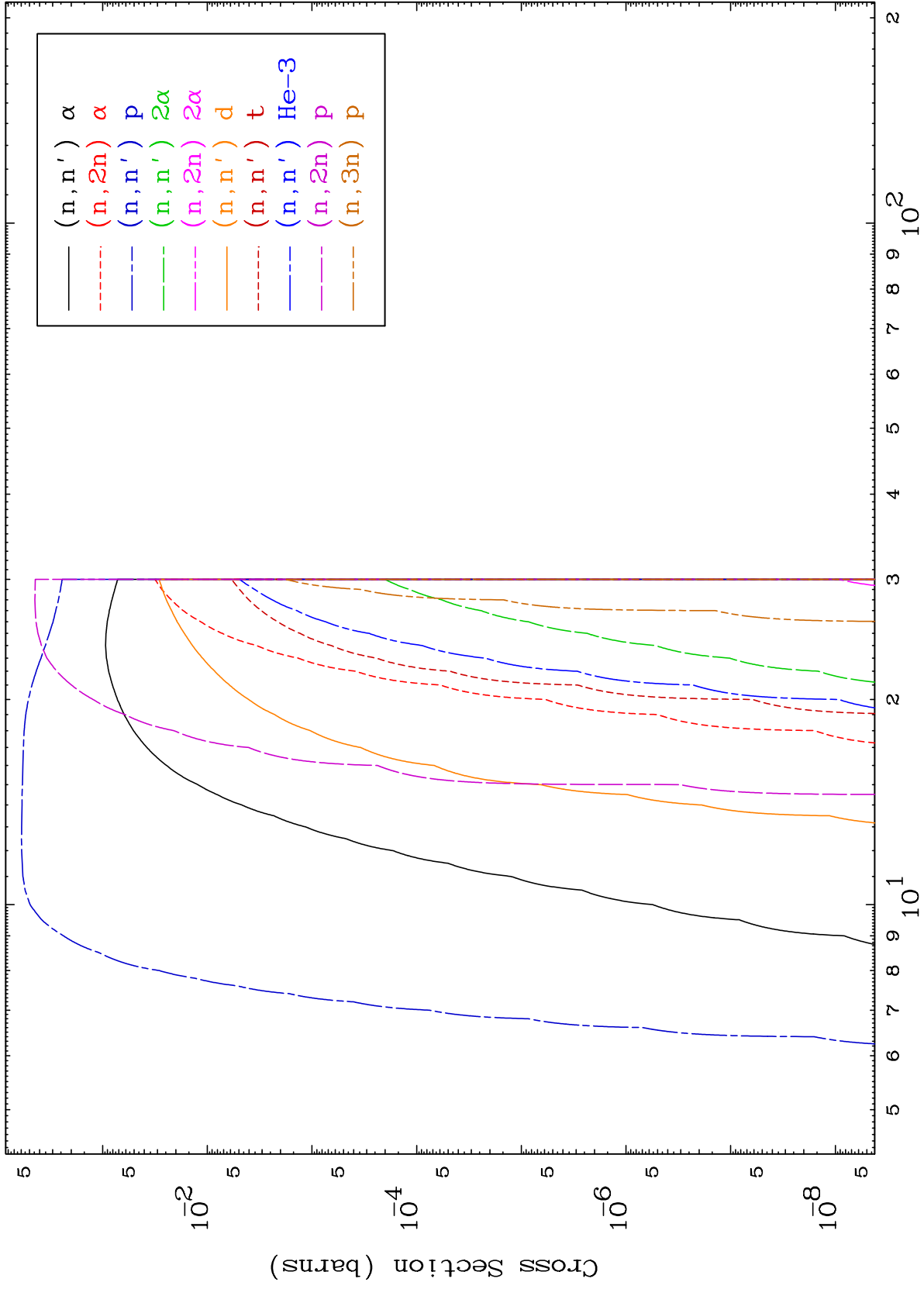
293 Kelvin Cross Sections

35-Br-76





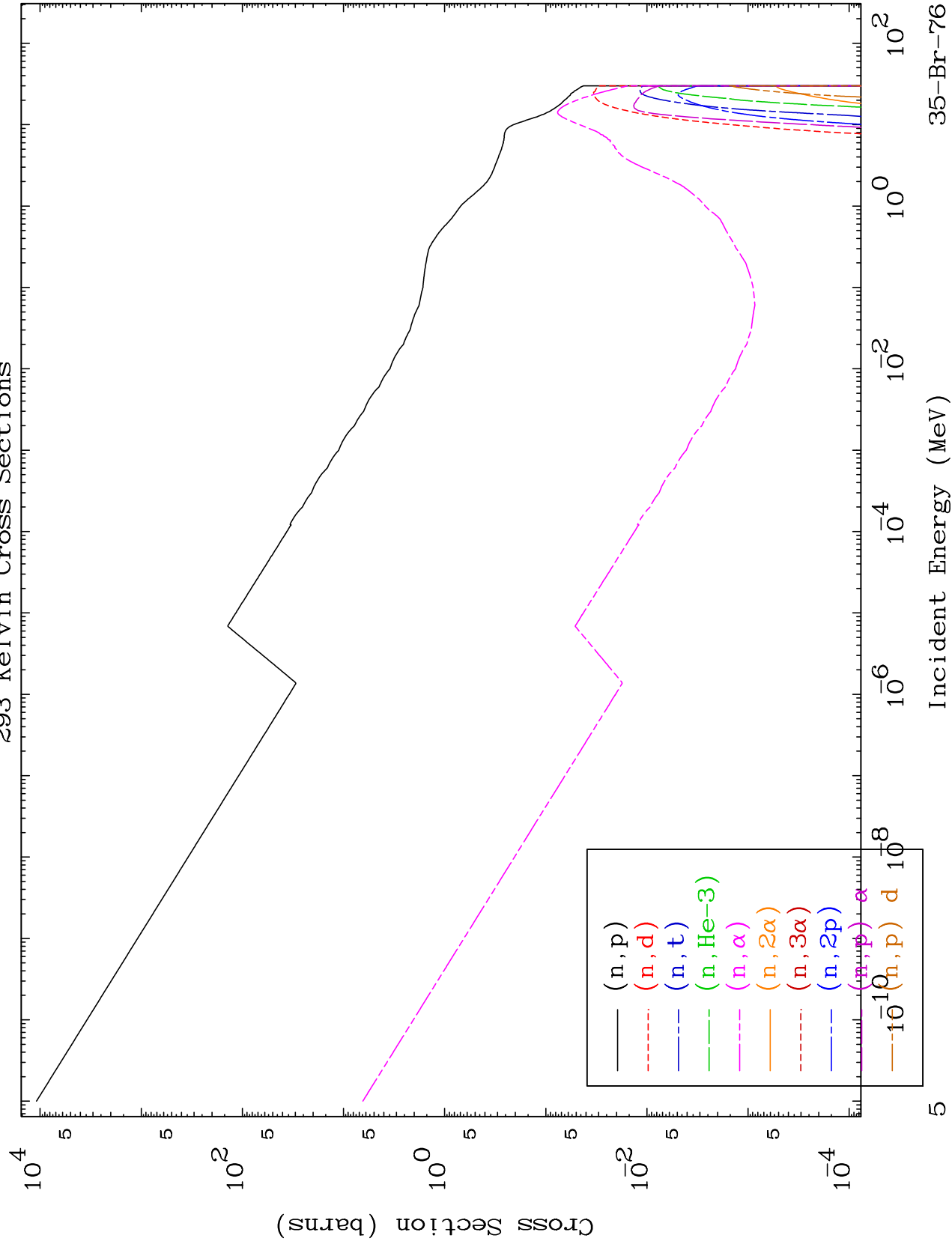




MAT 3516

Charged Particle
293 Kelvin Cross Sections

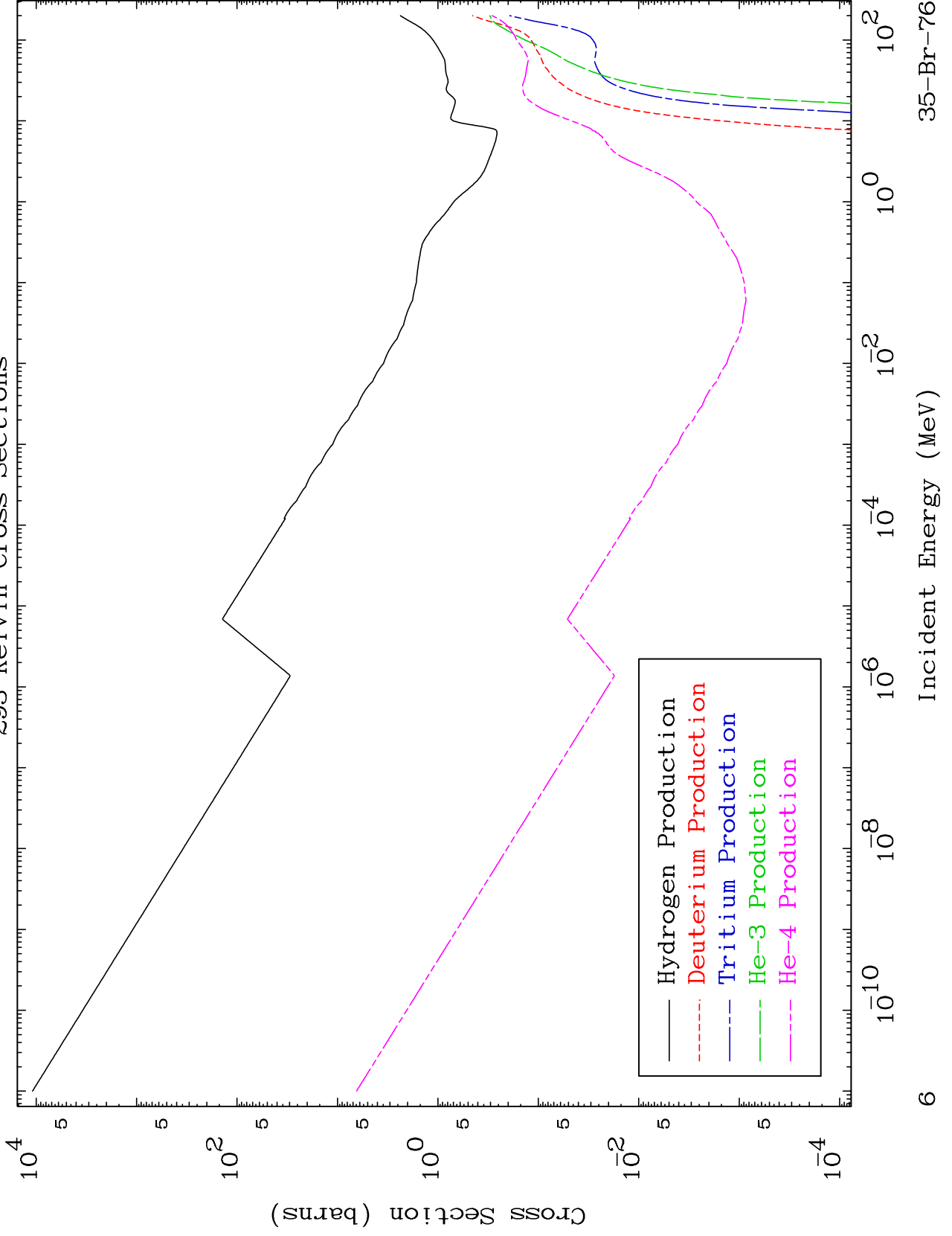
35-Br-76



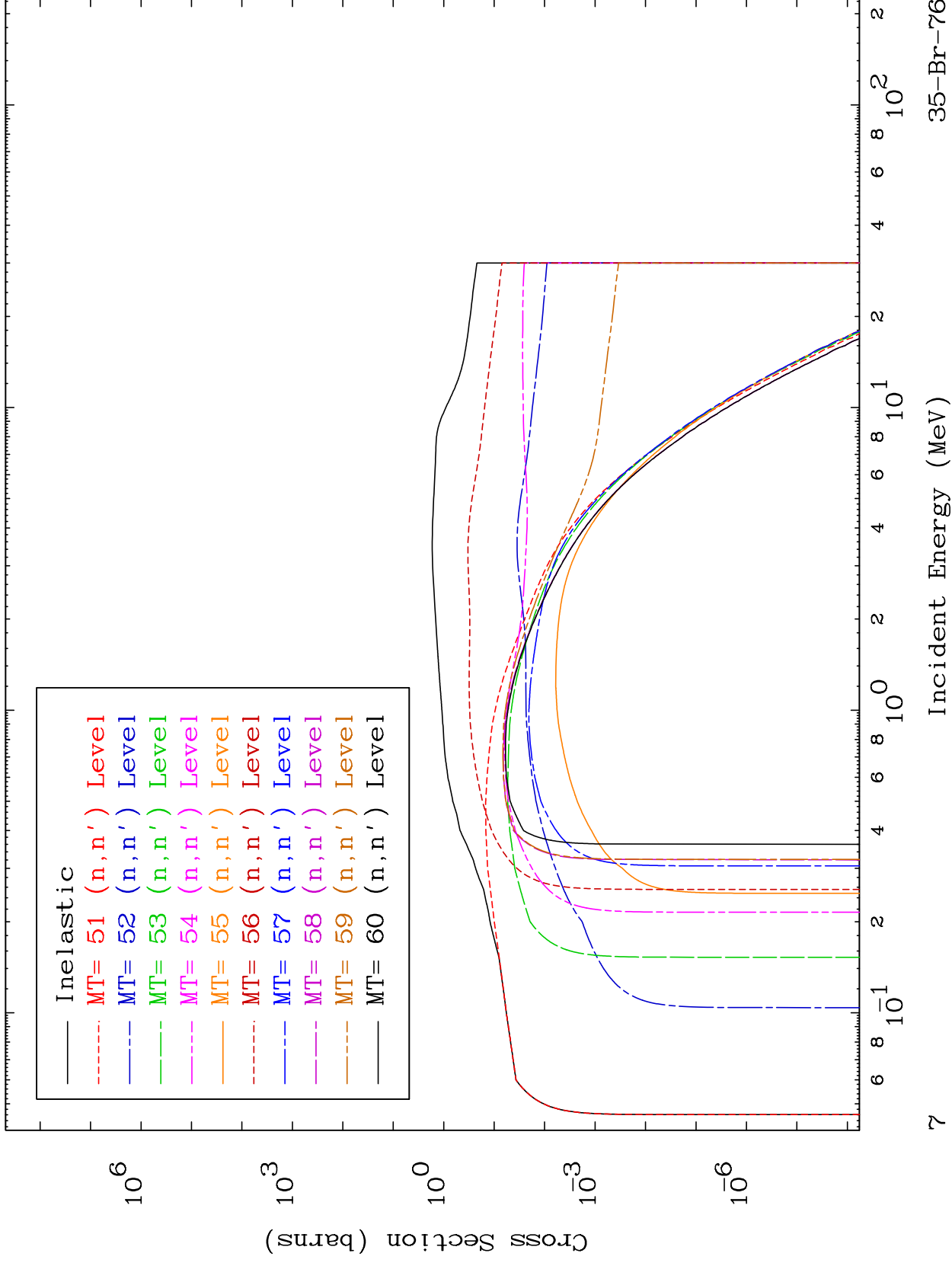
MAT 3516

Particle Production
293 Kelvin Cross Sections

35-Br-76



293 Kelvin Cross Sections

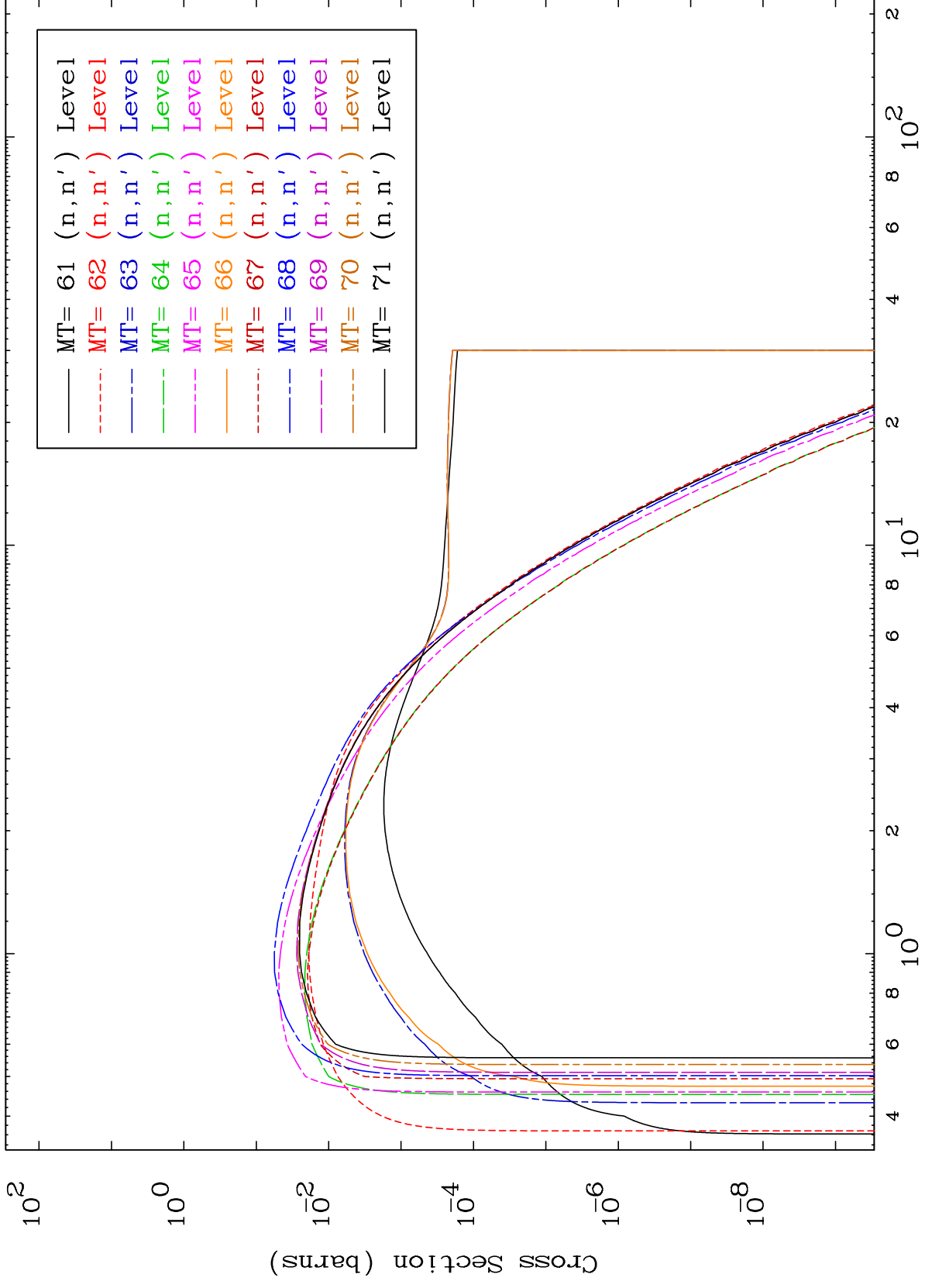


MAT 3516

(n,n') Level

293 Kelvin Cross Sections

35-Br-76



8

Incident Energy (MeV)

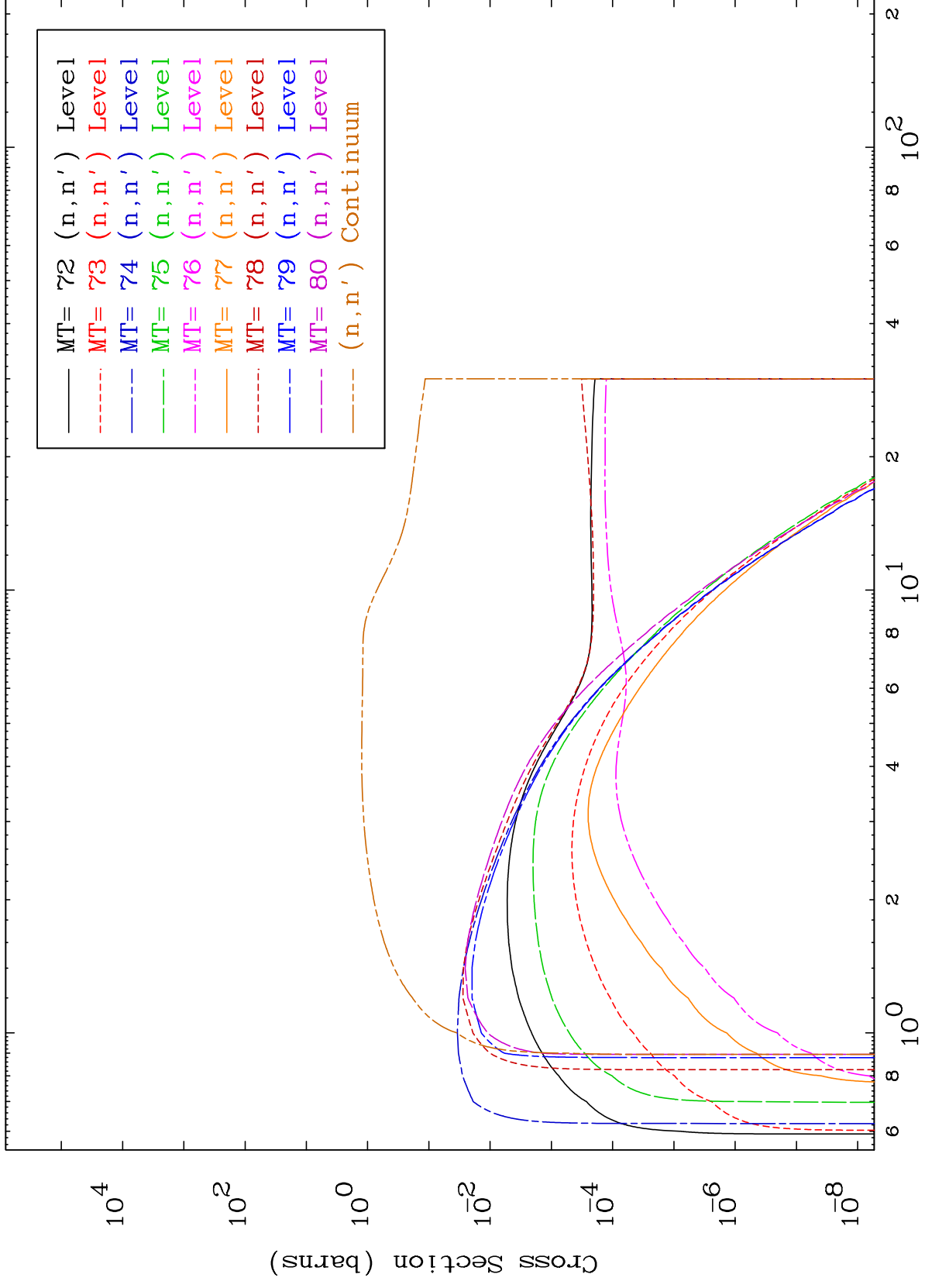
35-Br-76

MAT 3516

(n,n') Level

35-Br-76

293 Kelvin Cross Sections



9

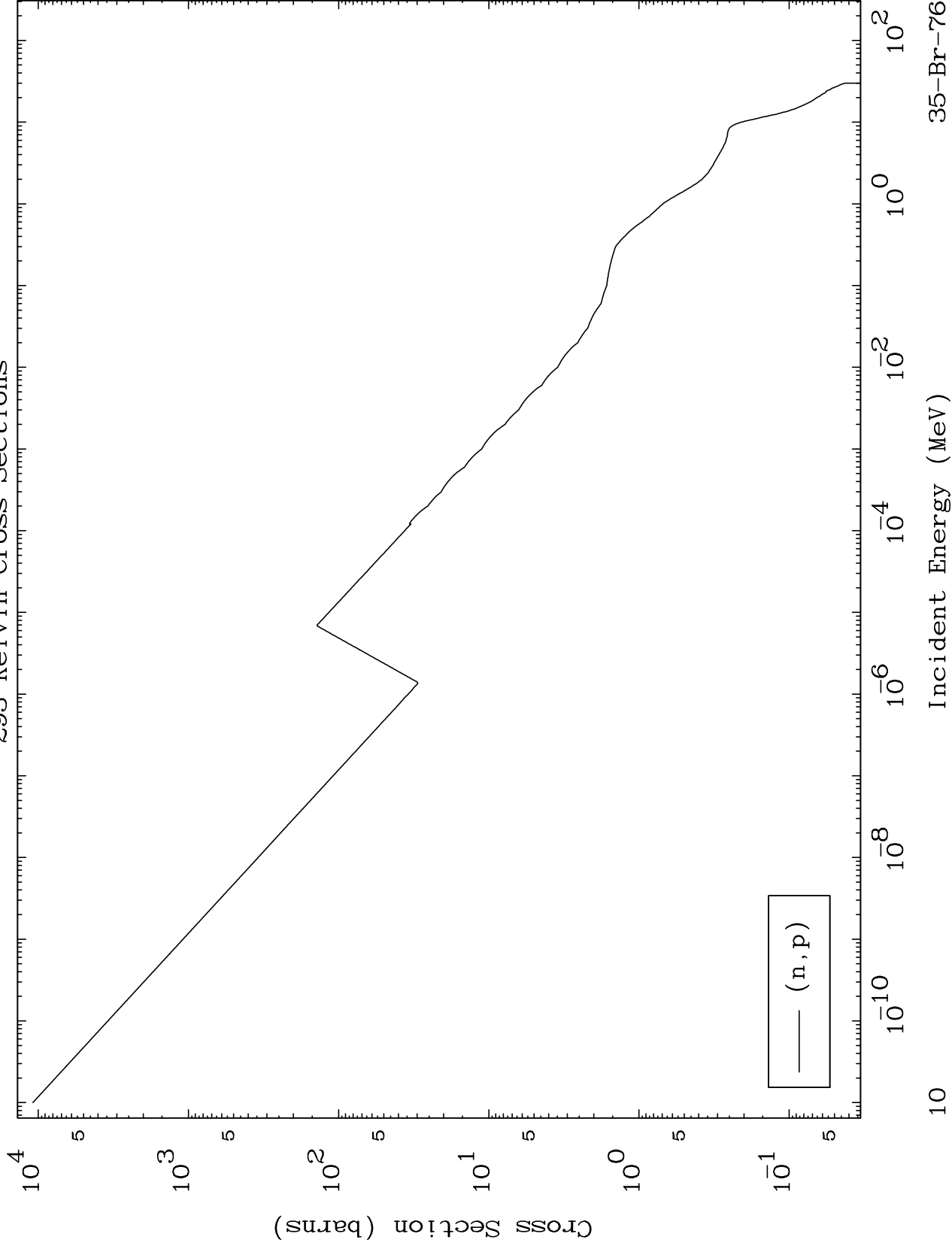
Incident Energy (MeV)

35-Br-76

MAT 3516

(n,p) Levels
293 Kelvin Cross Sections

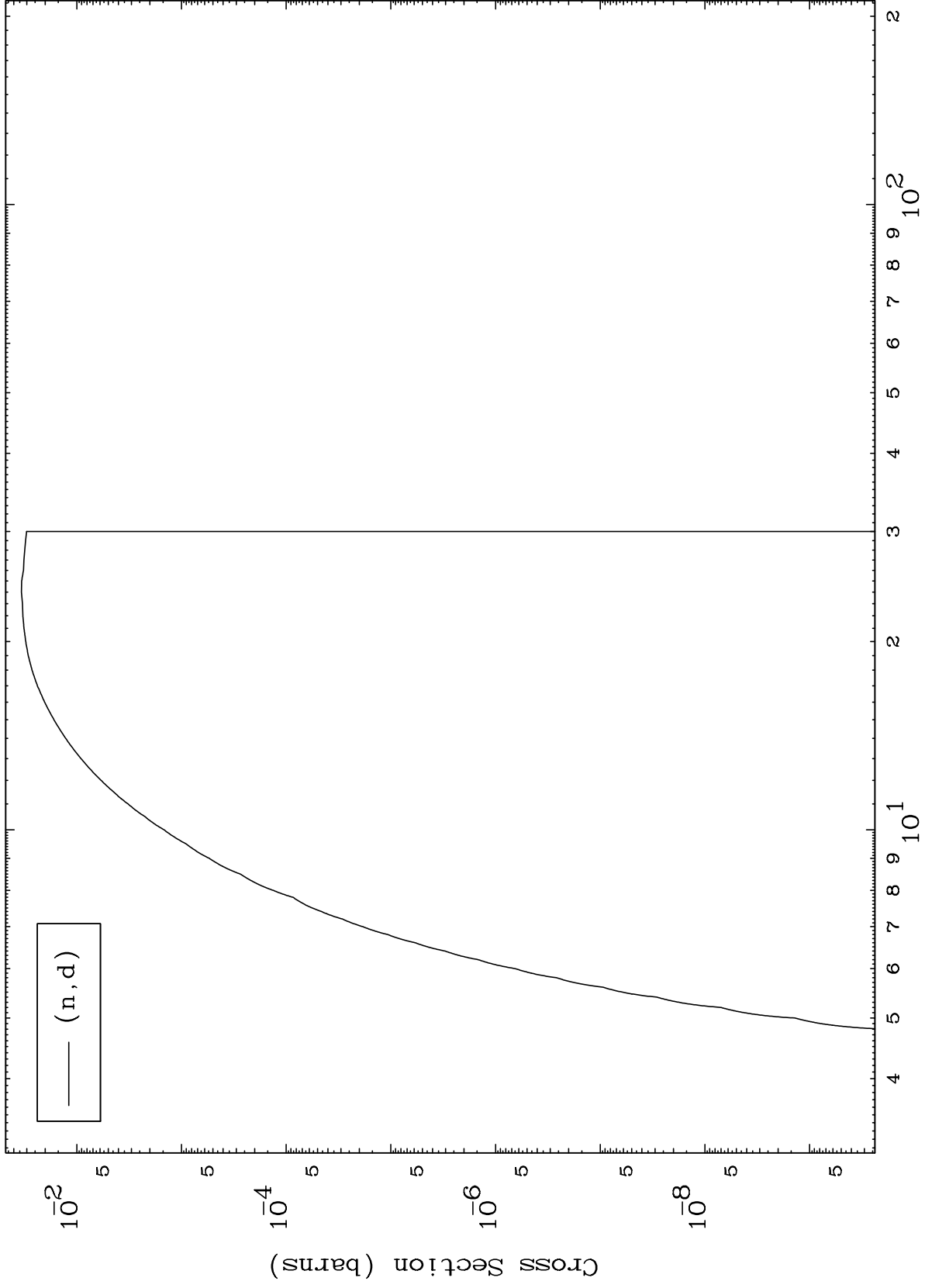
35-Br-76



MAT 3516

(n,d) Levels
293 Kelvin Cross Sections

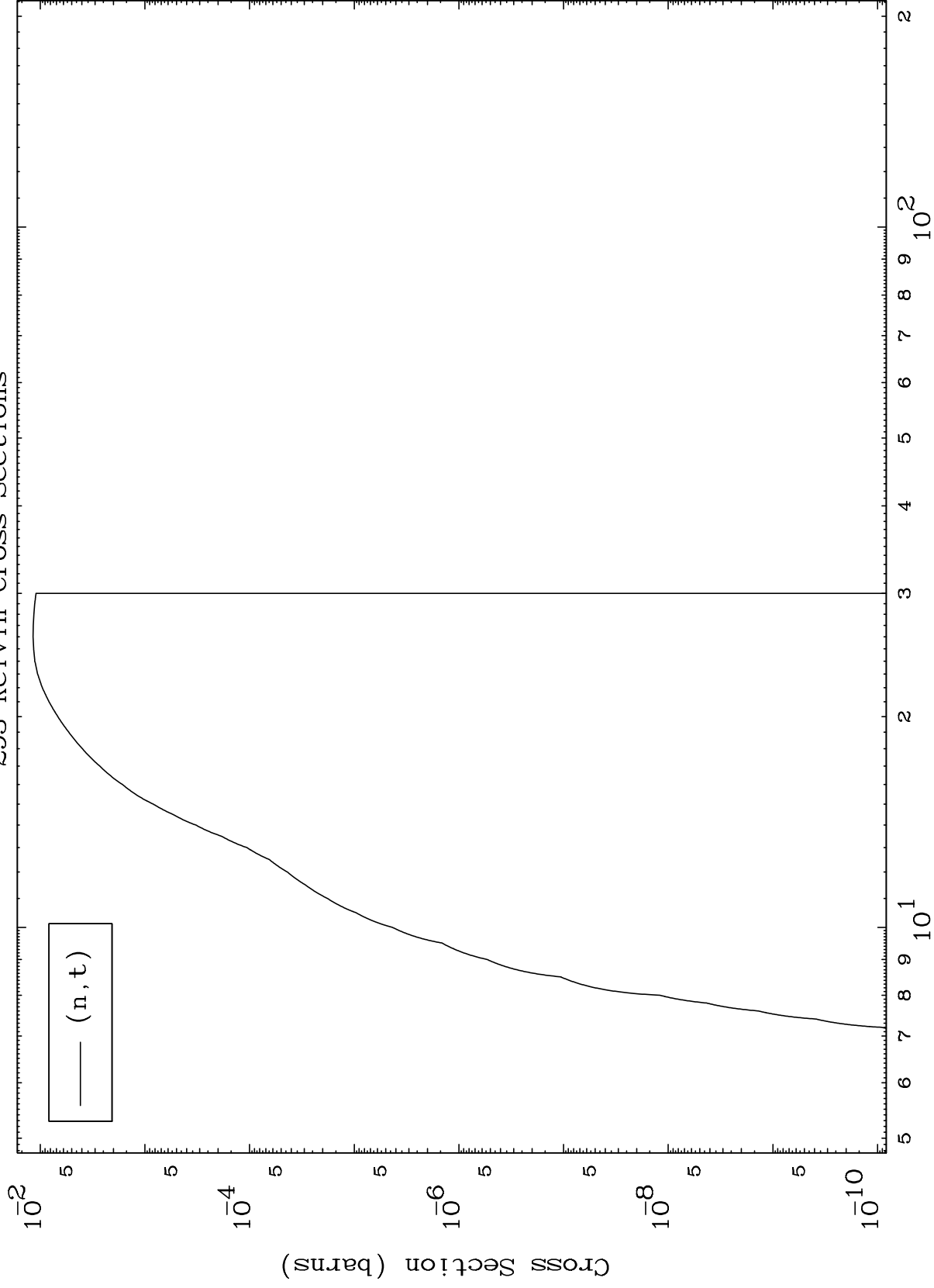
35-Br-76



MAT 3516

(n,t) Levels
293 Kelvin Cross Sections

35-Br-76



12

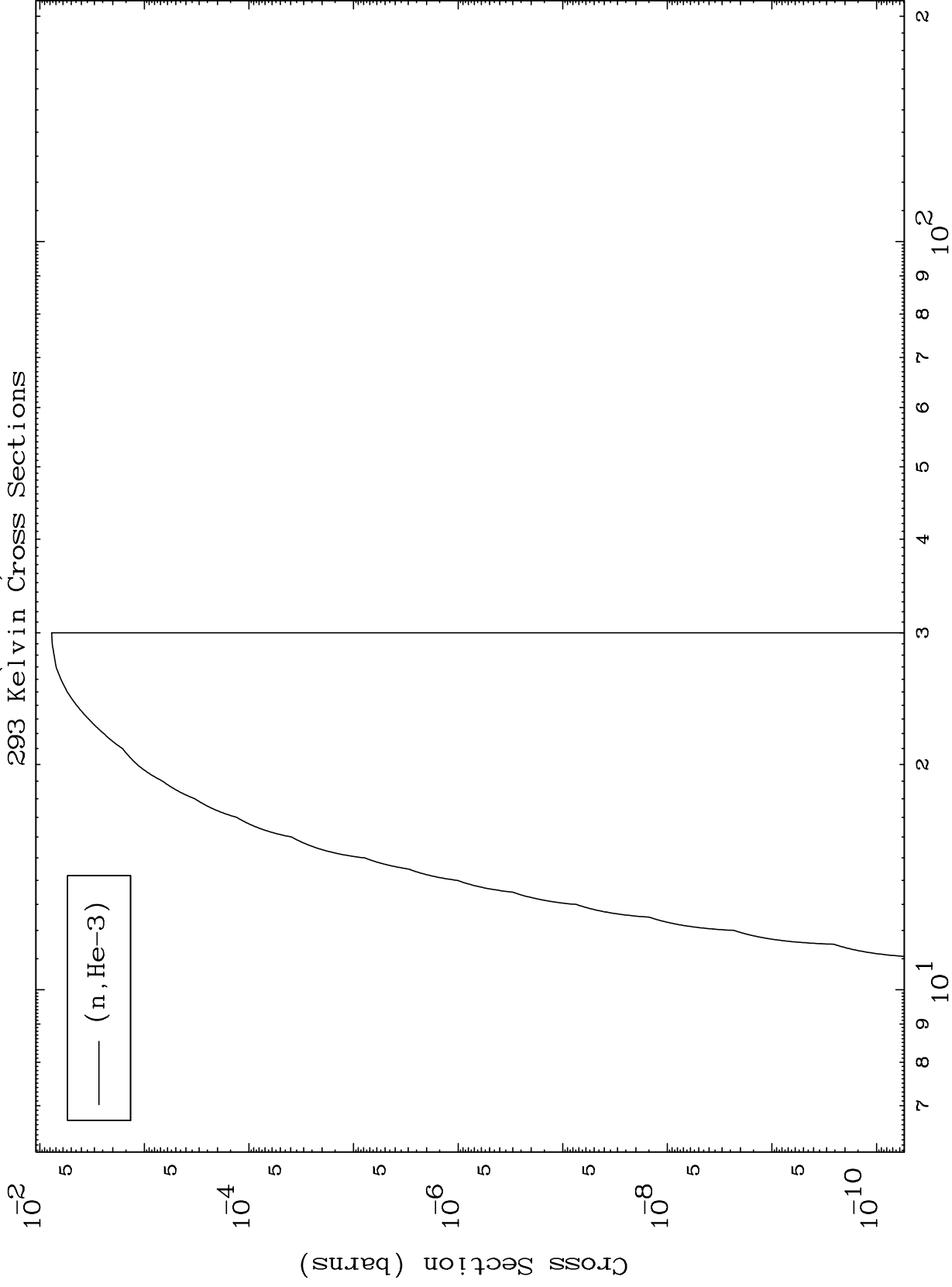
Incident Energy (MeV)

35-Br-76

MAT 3516

(n,He3) Levels
293 Kelvin Cross Sections

35-Br-76



13

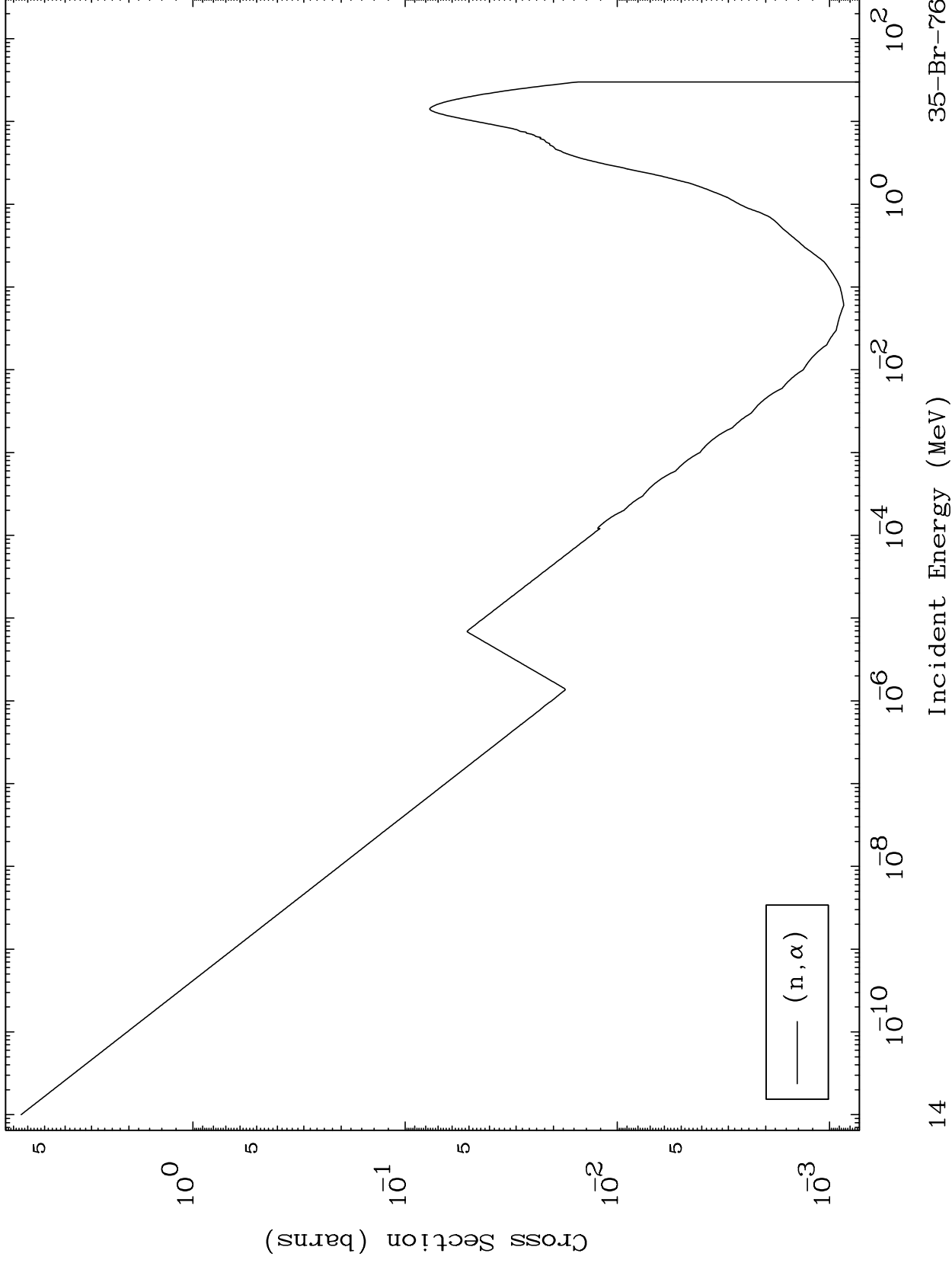
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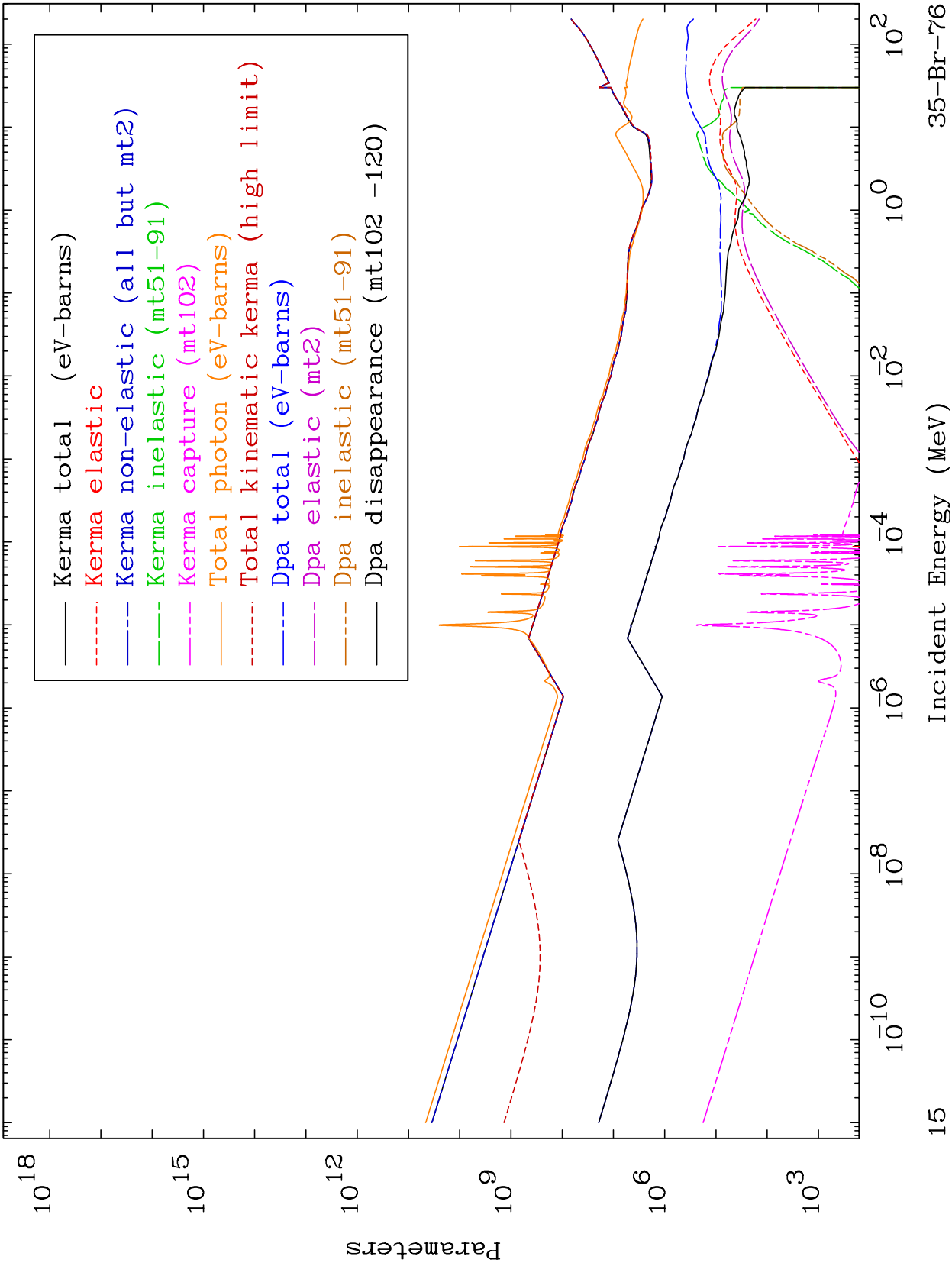
35-Br-76

MAT 3516

(n, α) Levels
293 Kelvin Cross Sections

35-Br-76

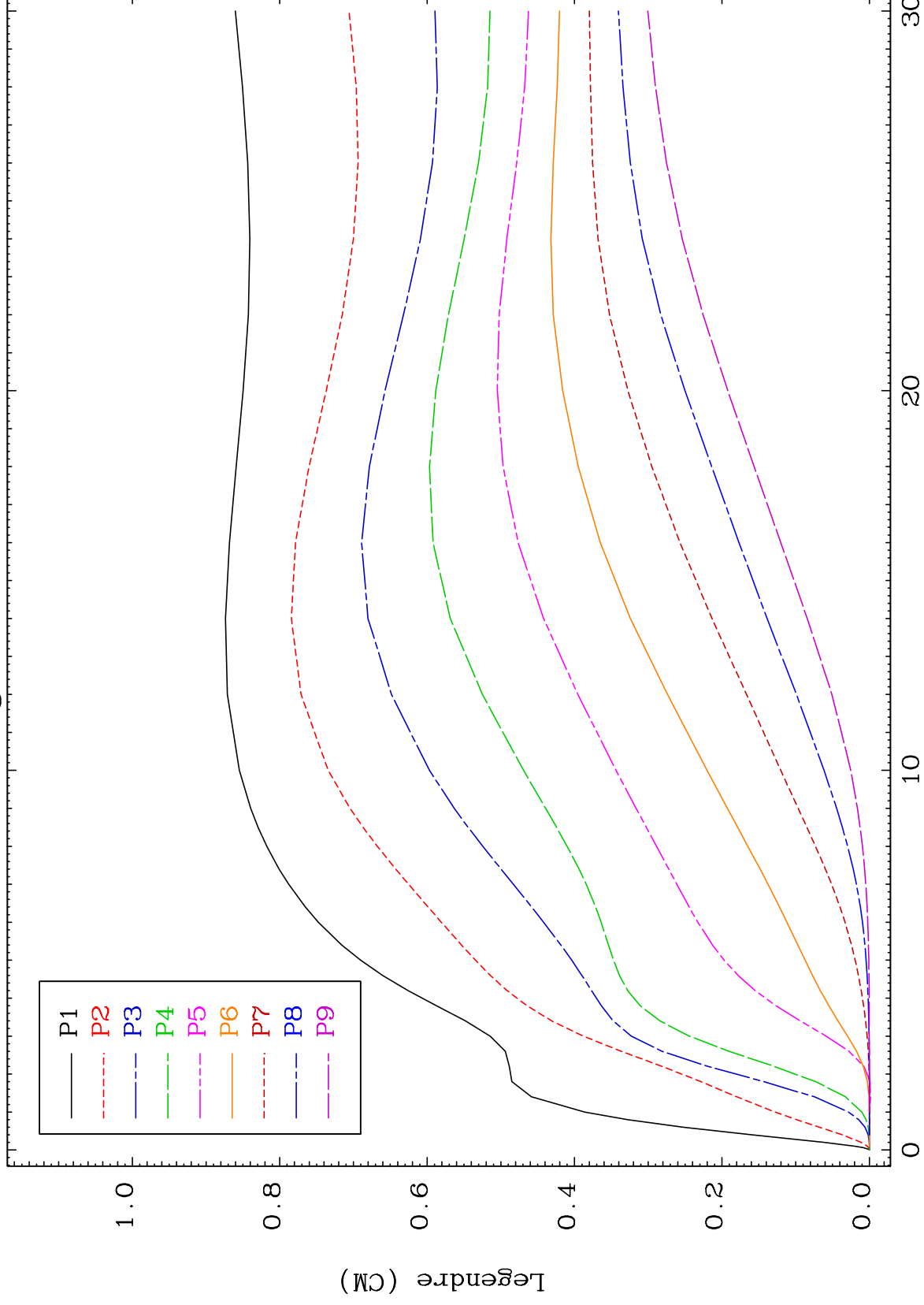




MAT 3516

Elastic Legendre Coefficients

³⁵Br-76



16

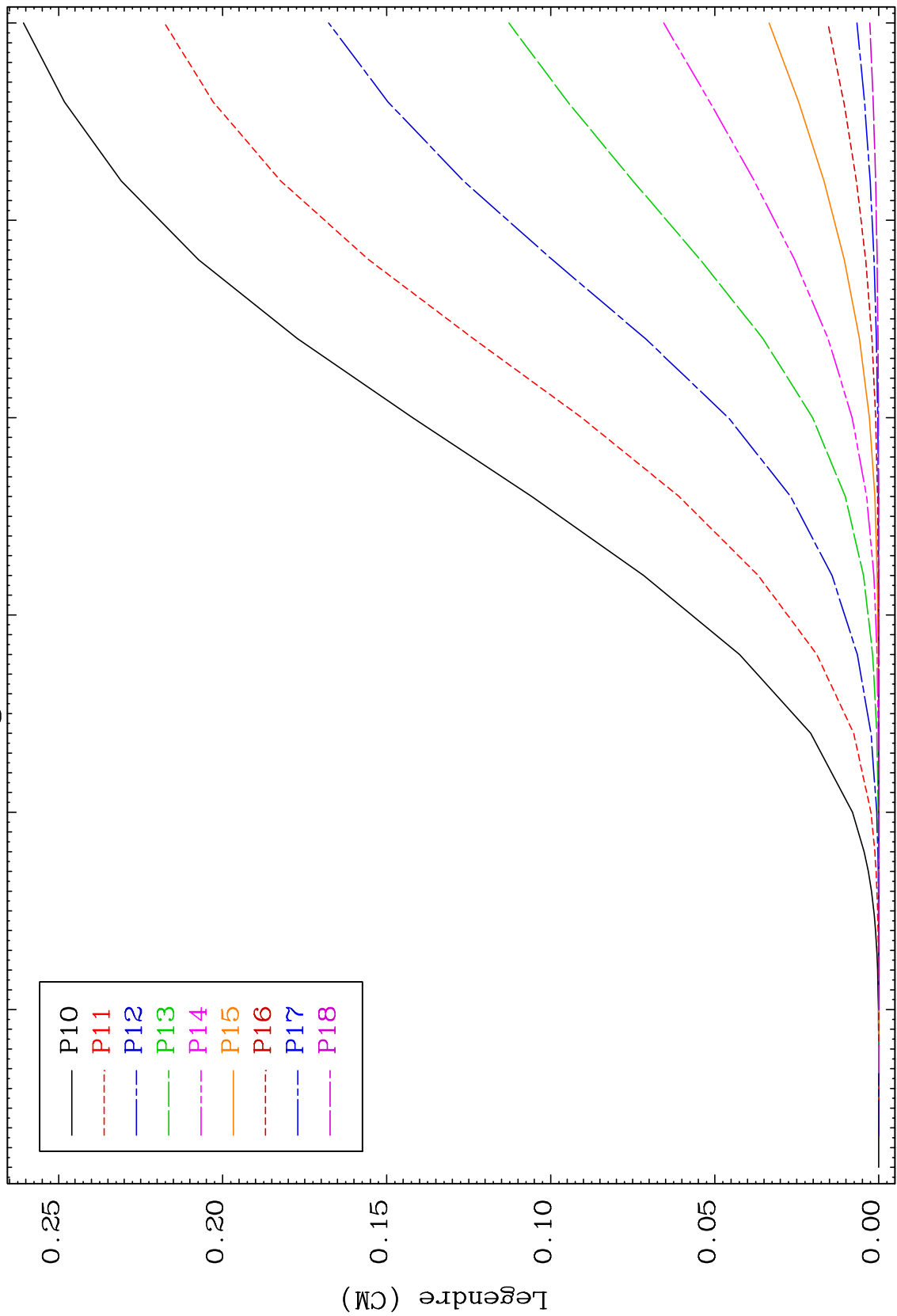
Incident Energy (MeV)

³⁵Br-76

MAT 3516

Elastic Legendre Coefficients

³⁵Br-76



17

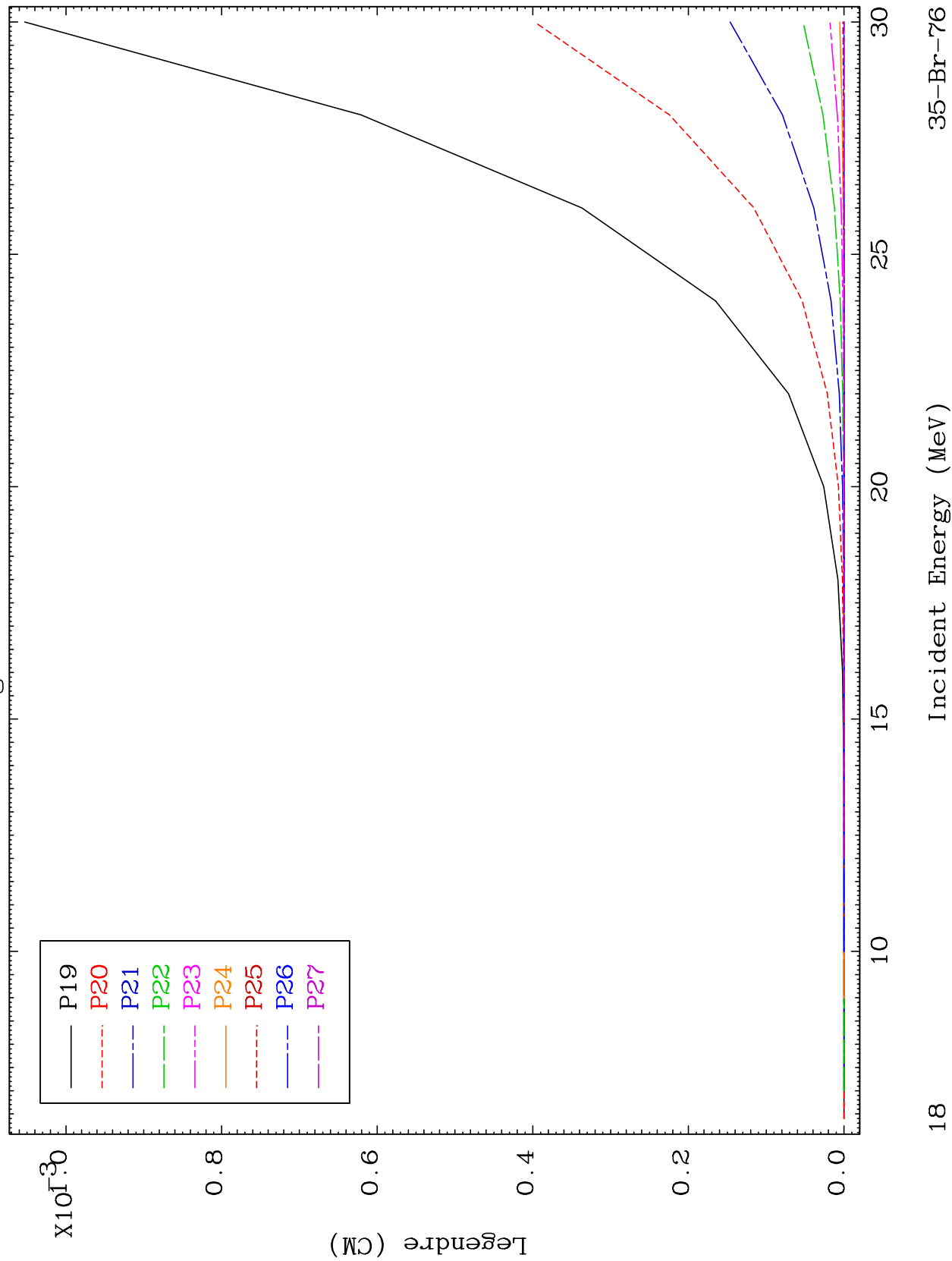
Incident Energy (MeV)

³⁵Br-76

MAT 3516

Elastic Legendre Coefficients

35-Br-76



18

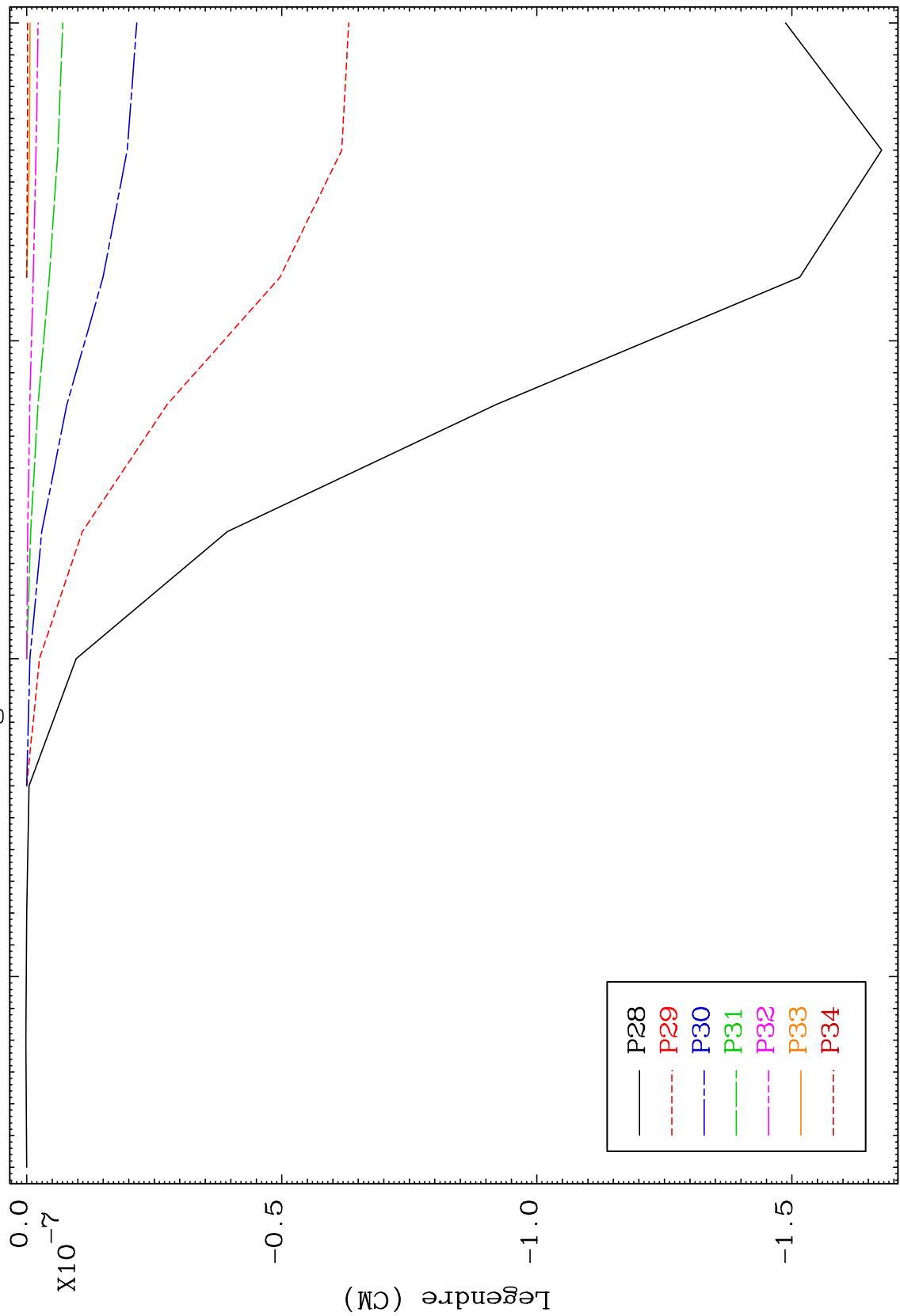
Incident Energy (MeV)

35-Br-76

MAT 3516

35-Br-76

Elastic Legendre Coefficients



10^{-7}

Legendre (CM)

15

20

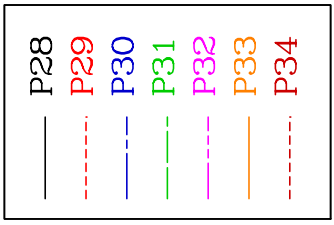
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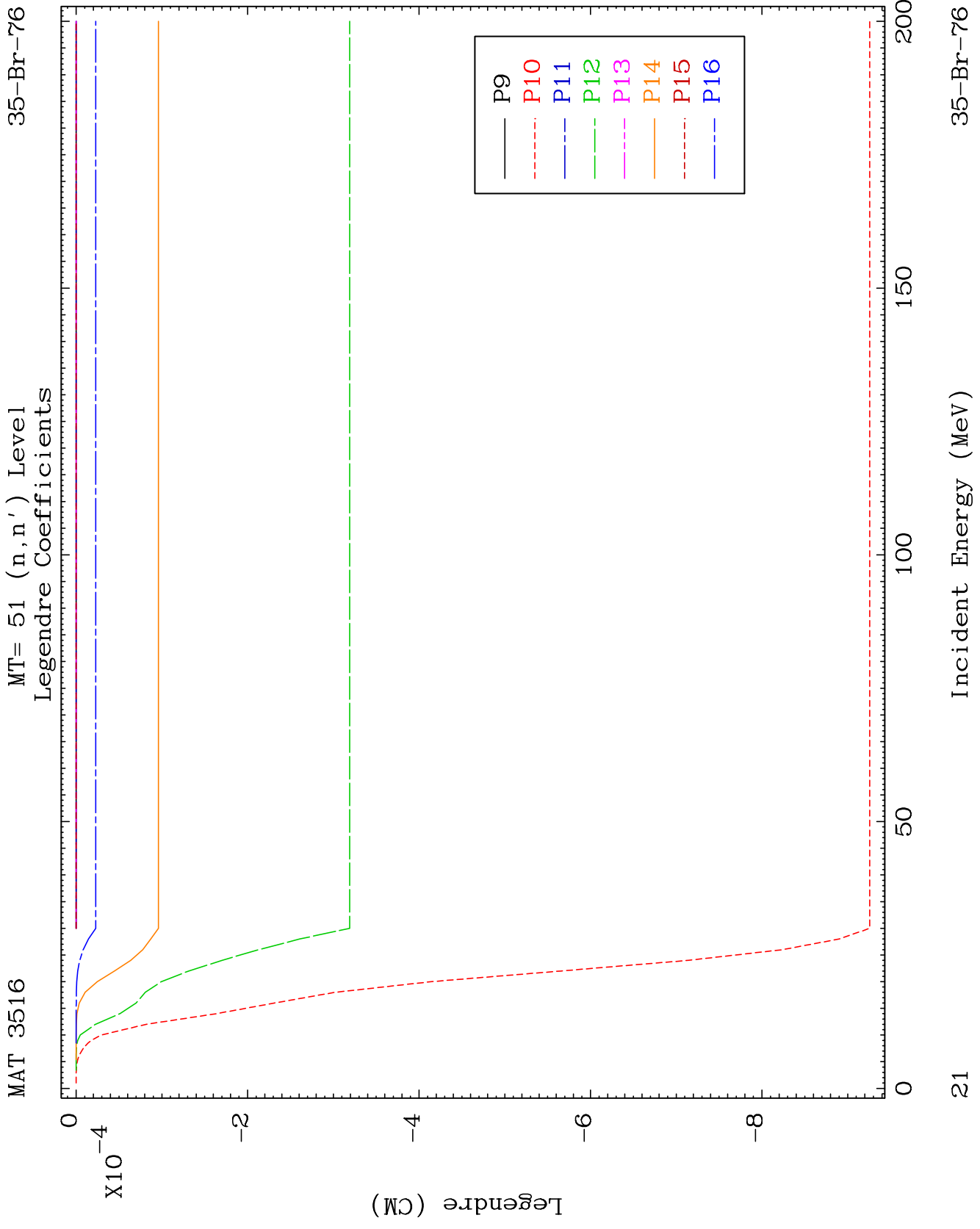
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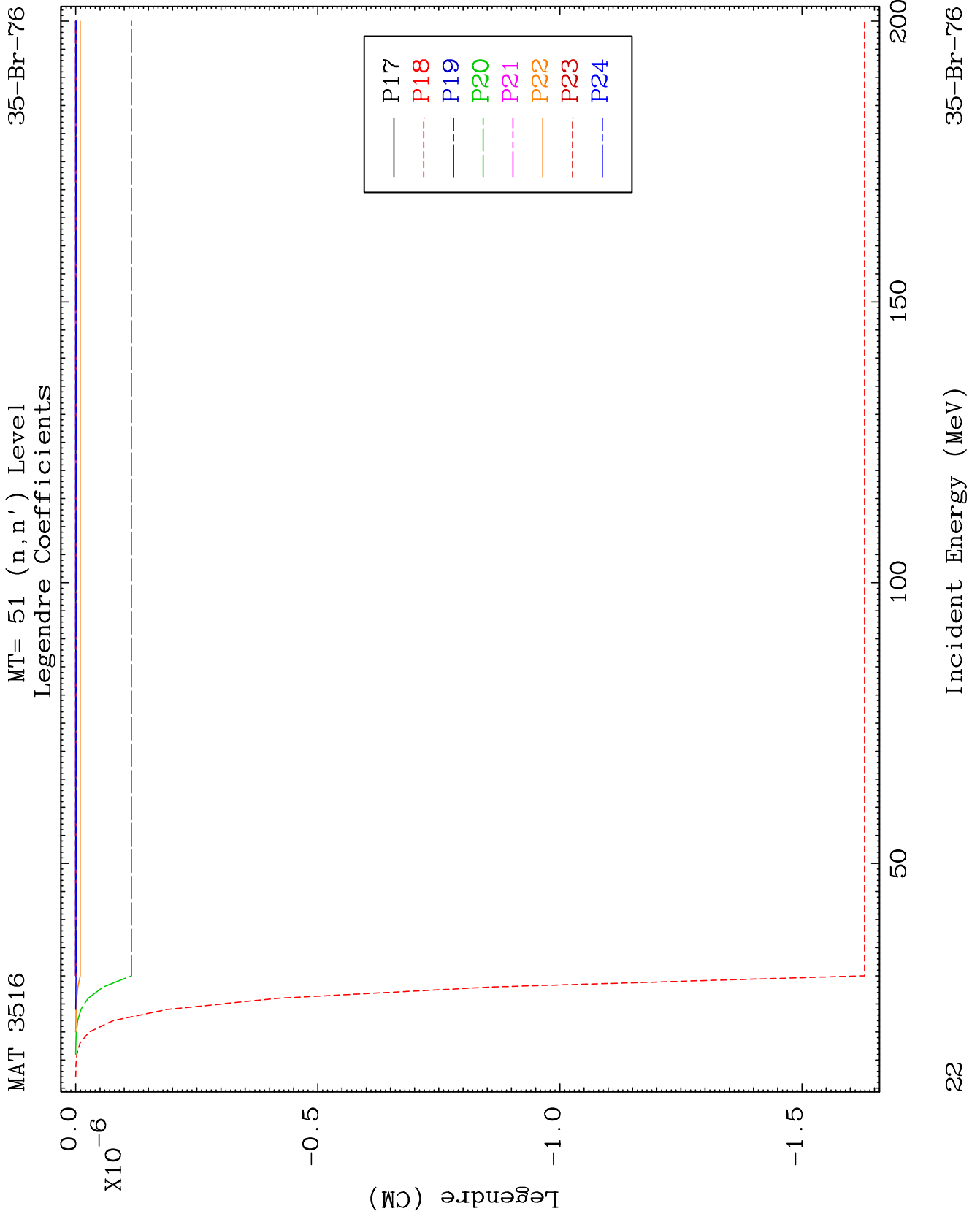
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Incident Energy (MeV)

35-Br-76



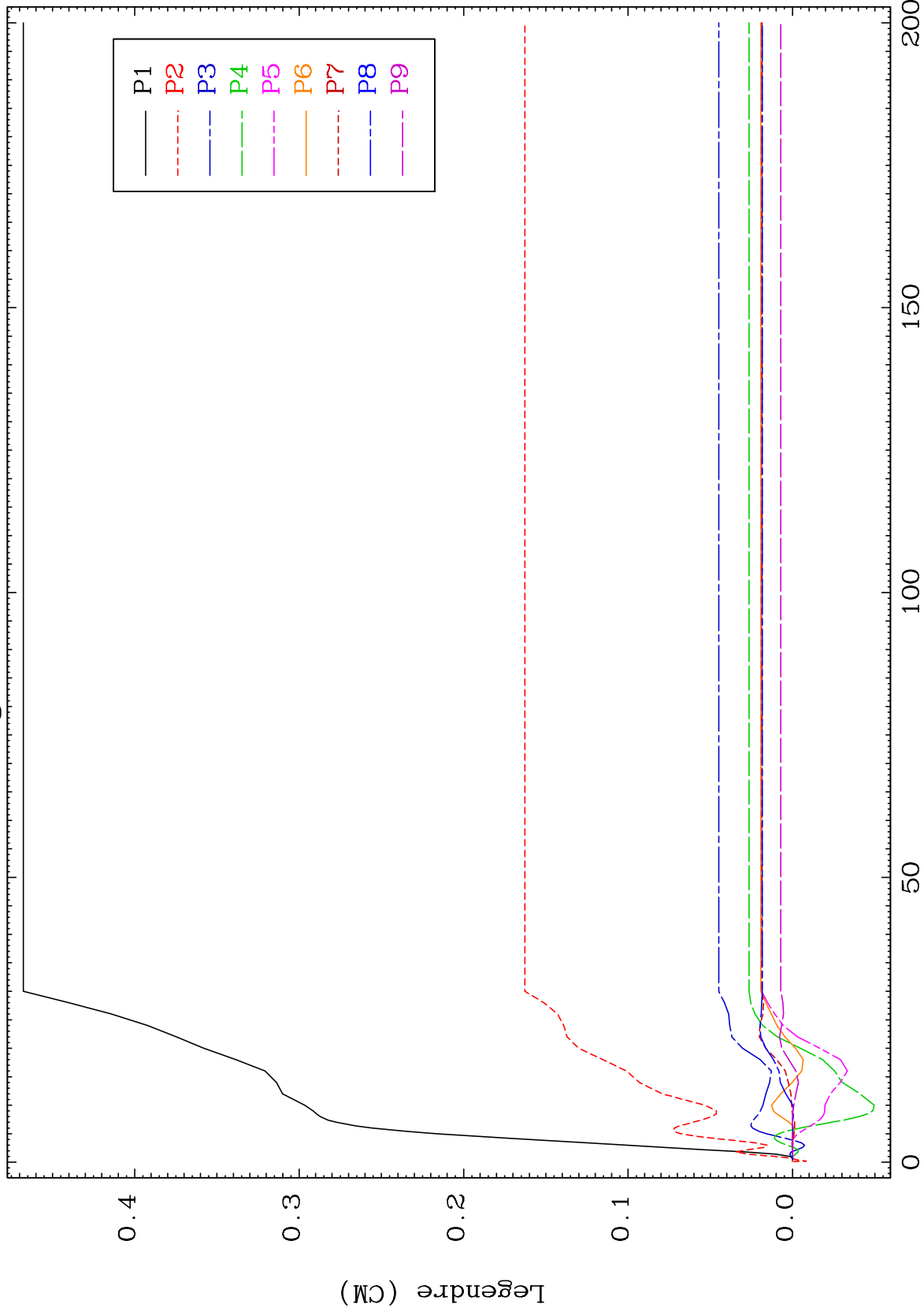




MAT 3516

MT= 52 (n,n') Level
Legendre Coefficients

35-Br-76



23

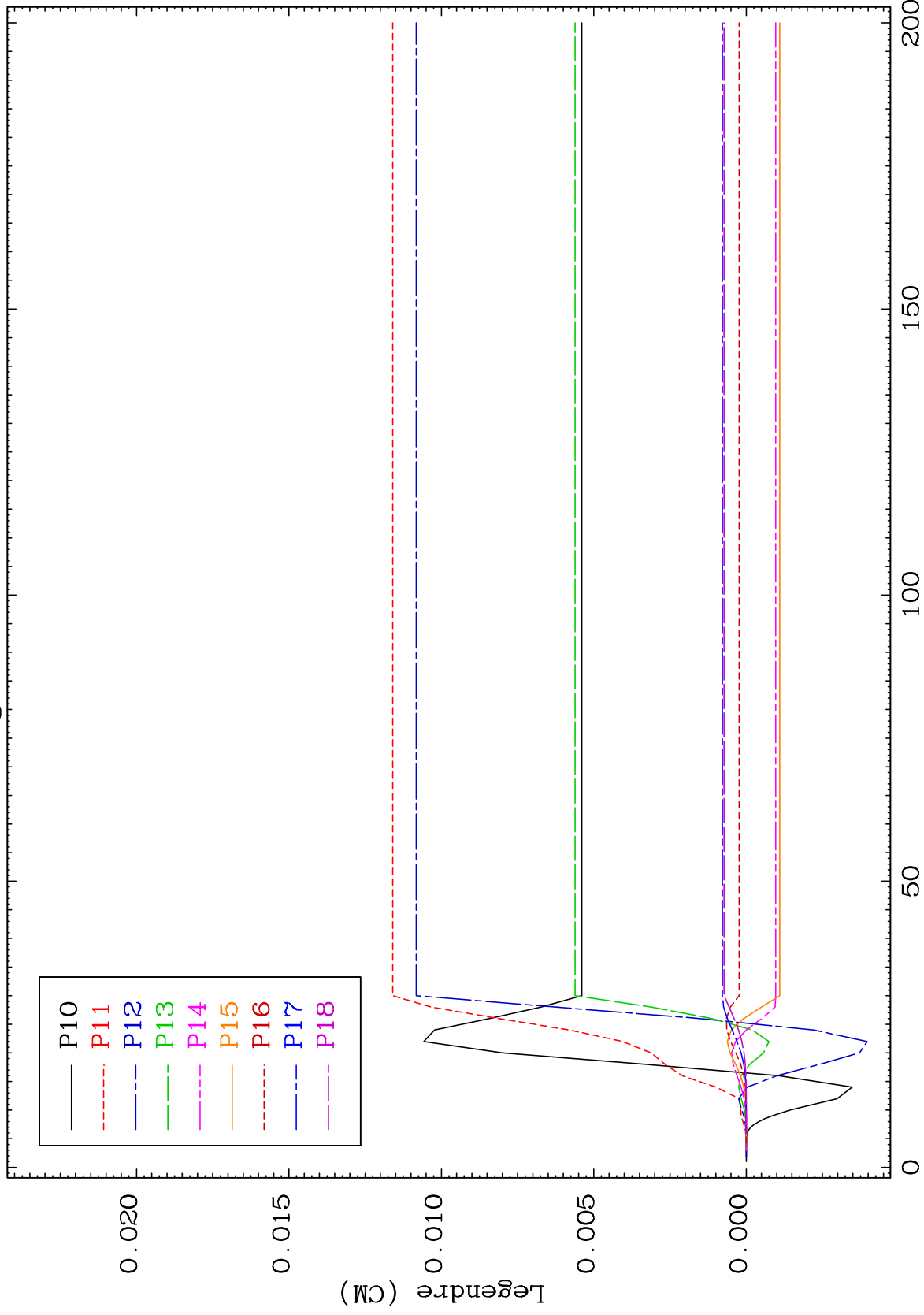
Incident Energy (MeV)

35-Br-76

MAT 3516

MT= 52 (n,n') Level
Legendre Coefficients

35-Br-76



24

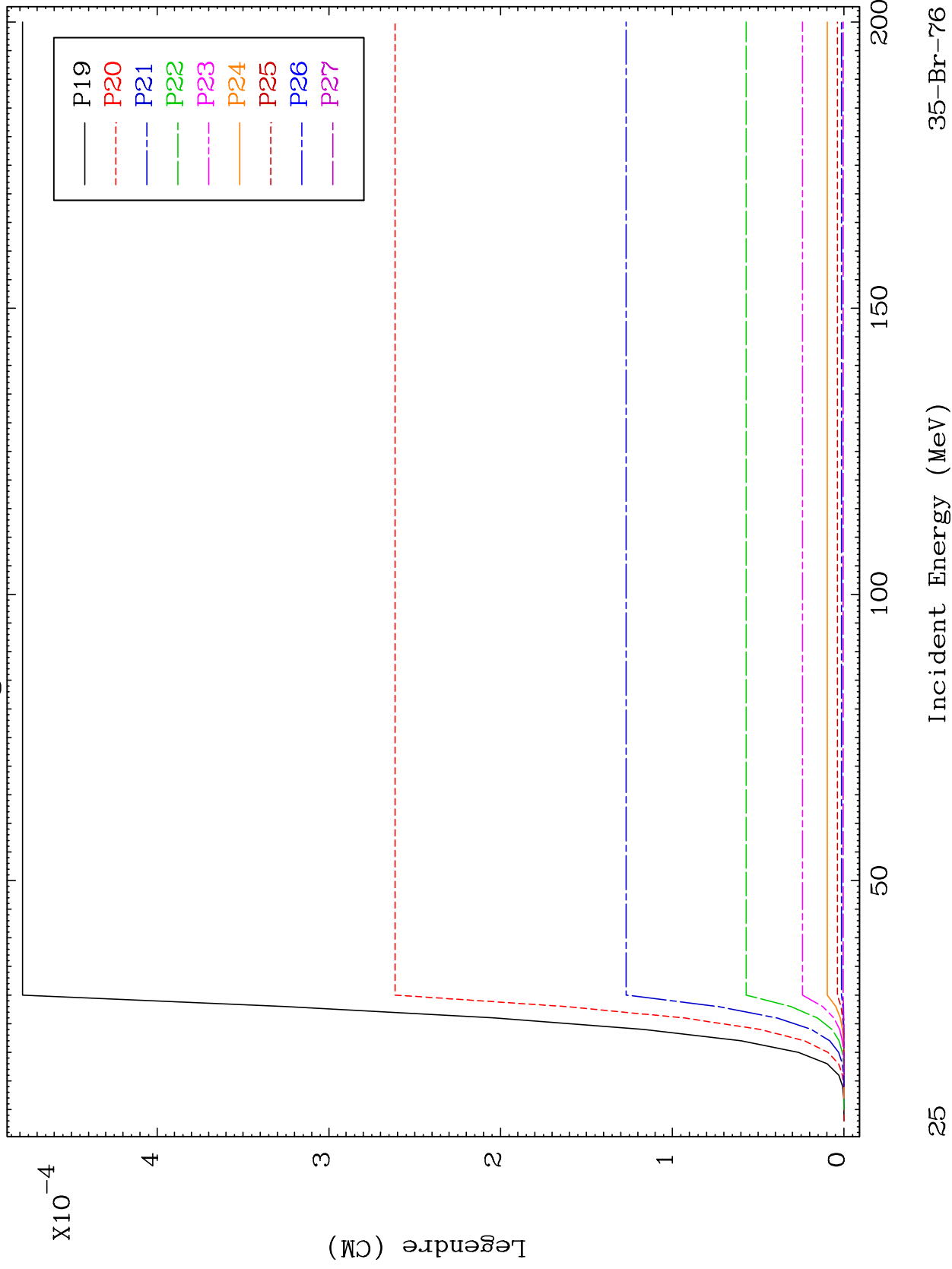
Incident Energy (MeV)

35-Br-76

MAT 3516

MT= 52 (n,n') Level
Legendre Coefficients

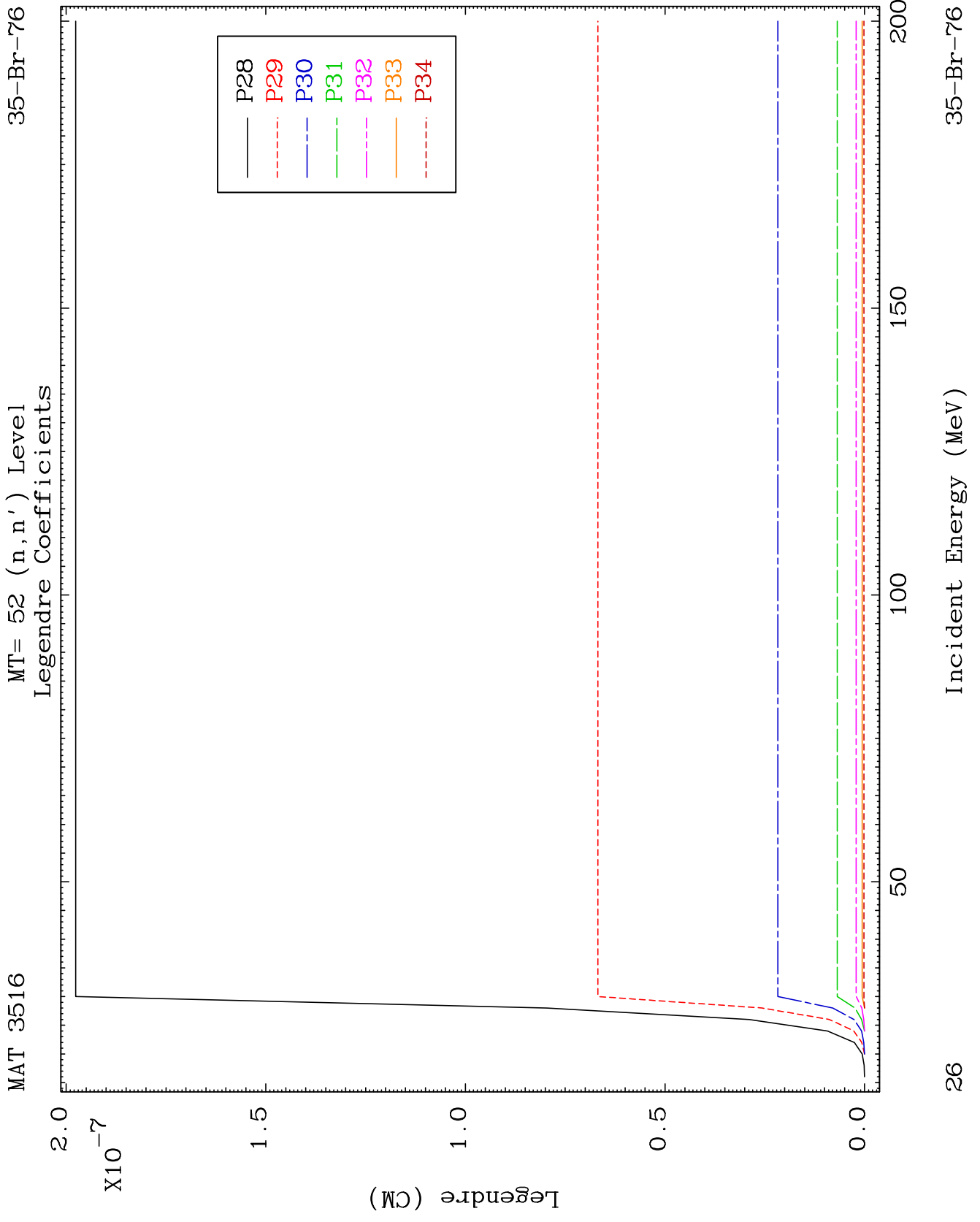
35-Br-76

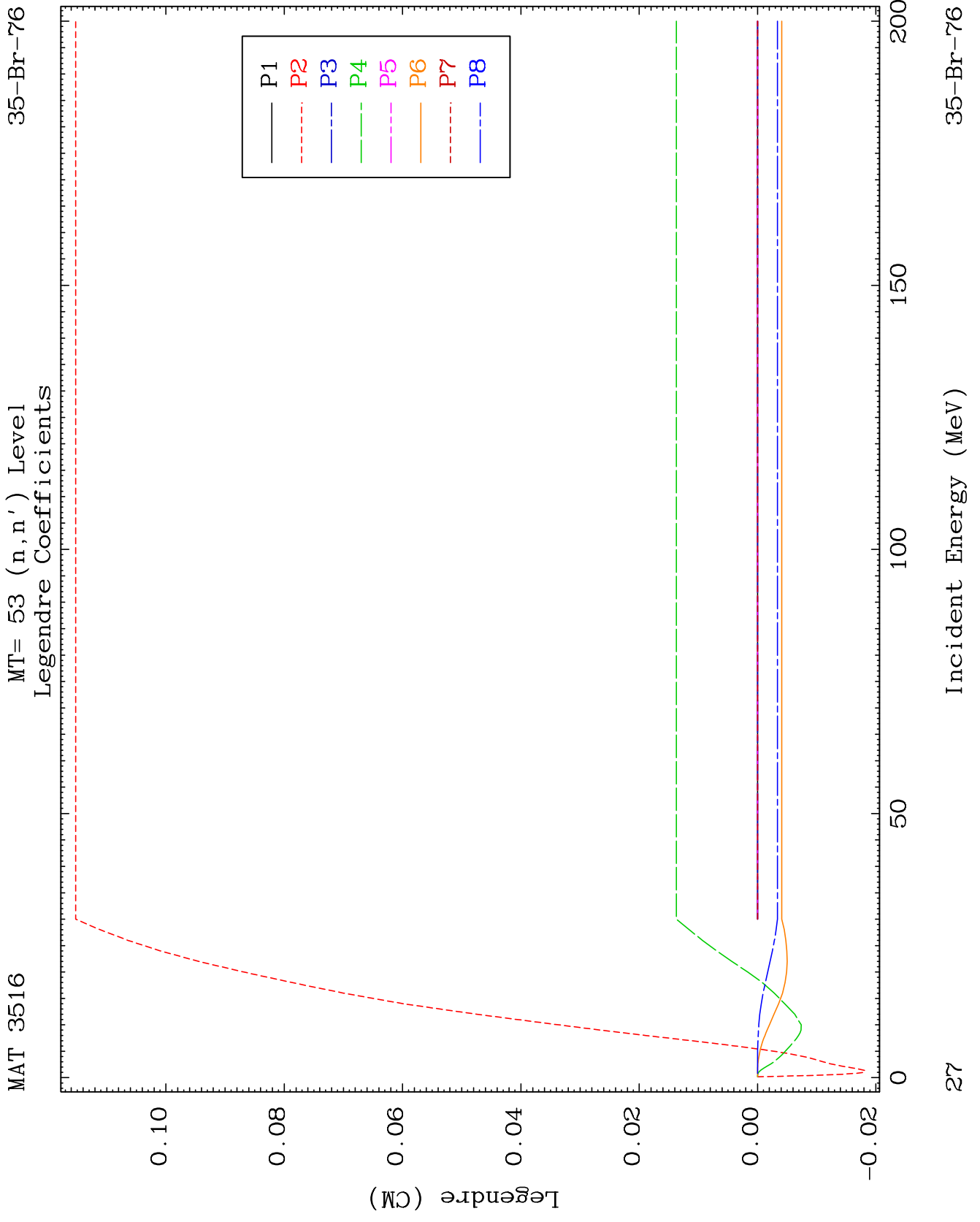


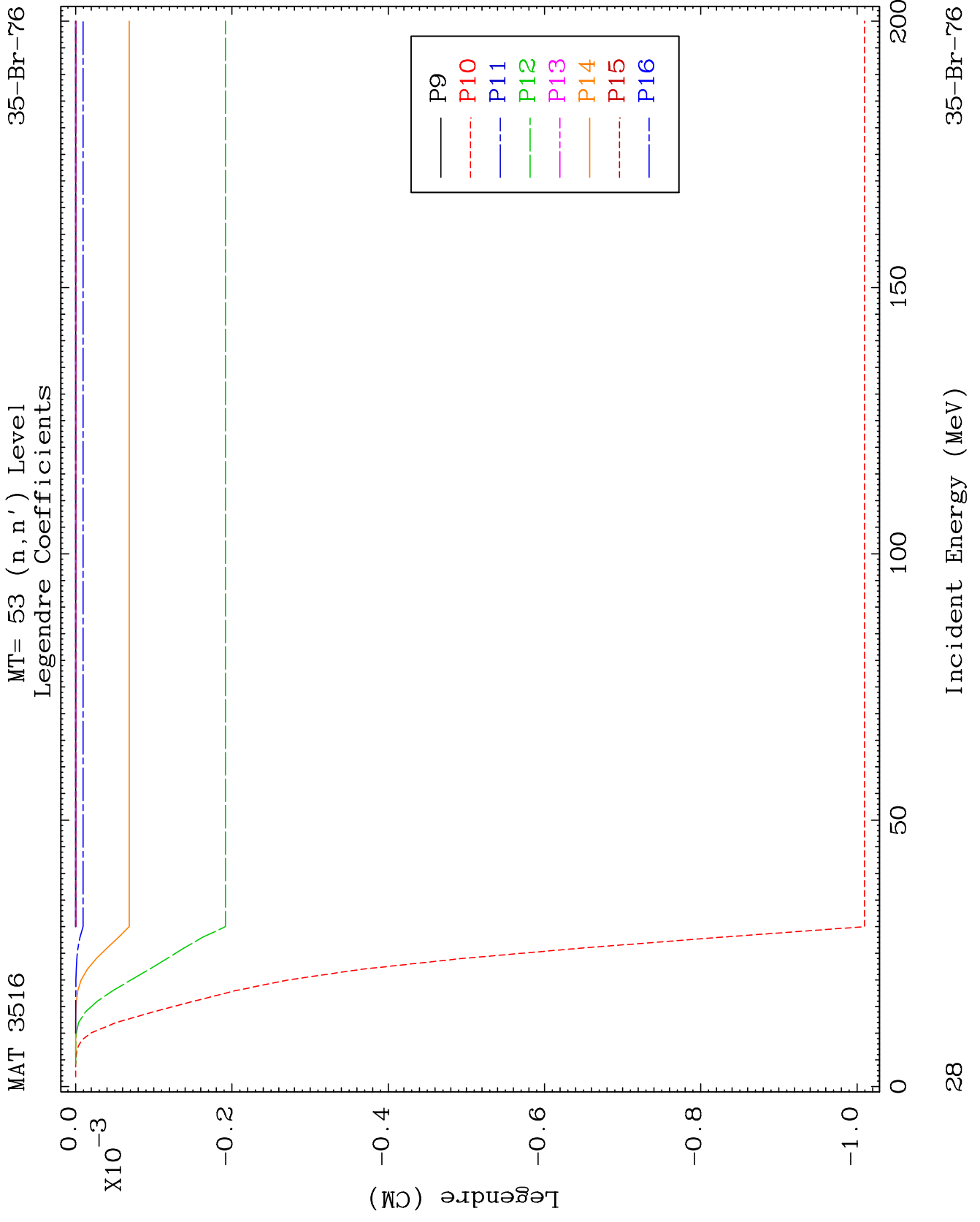
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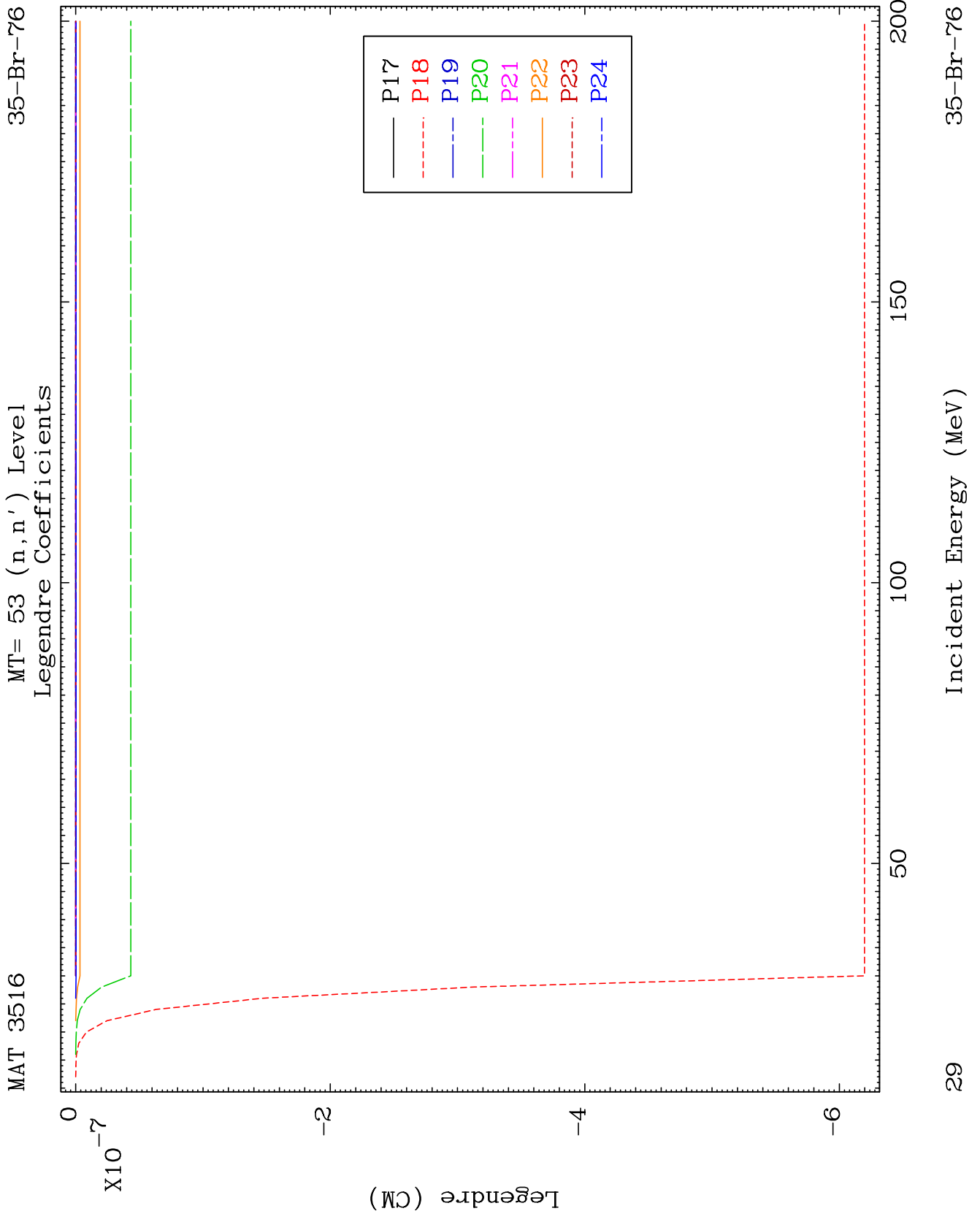
Incident Energy (MeV)

35-Br-76





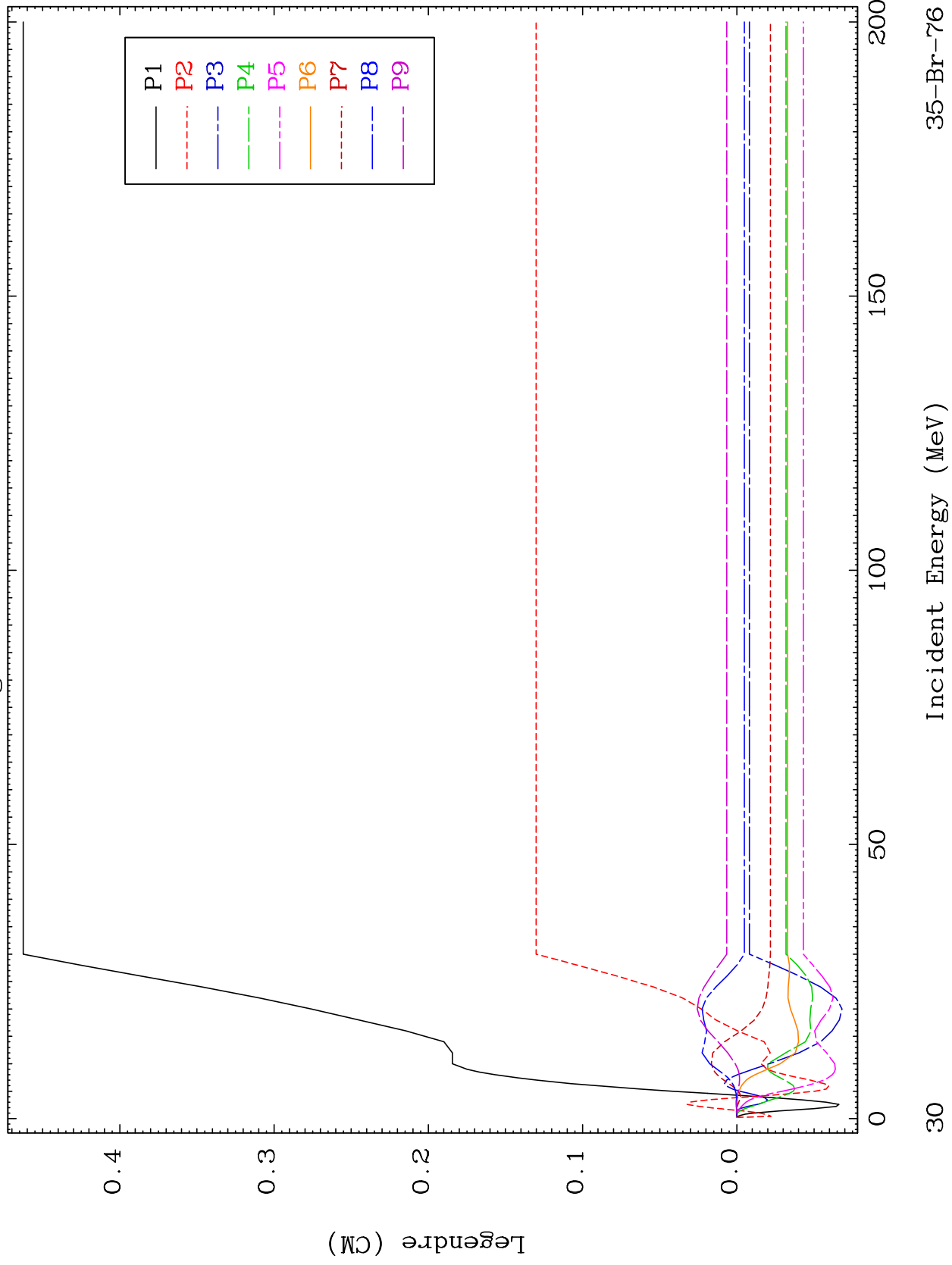




MAT 3516

MT= 54 (n,n') Level
Legendre Coefficients

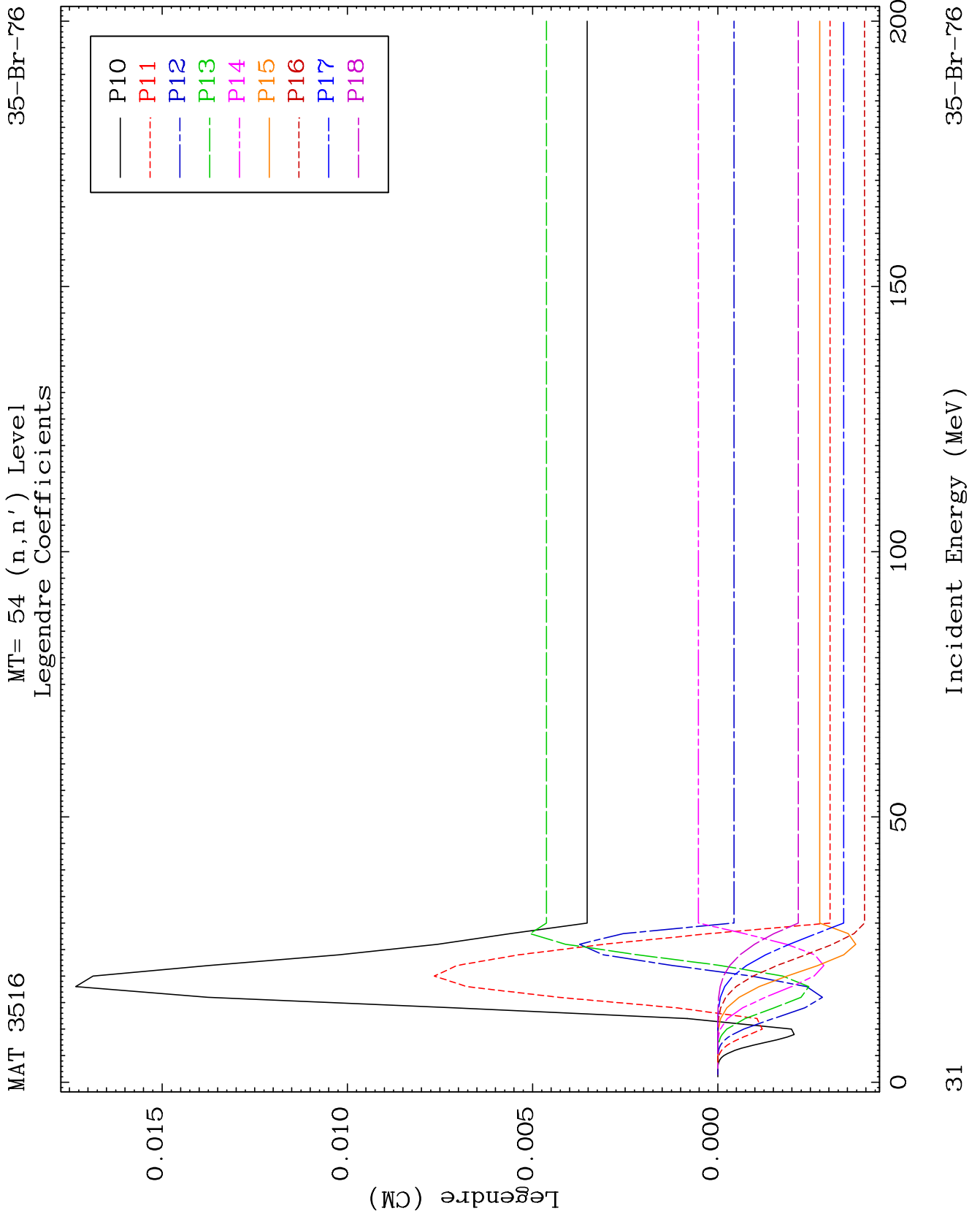
35-Br-76

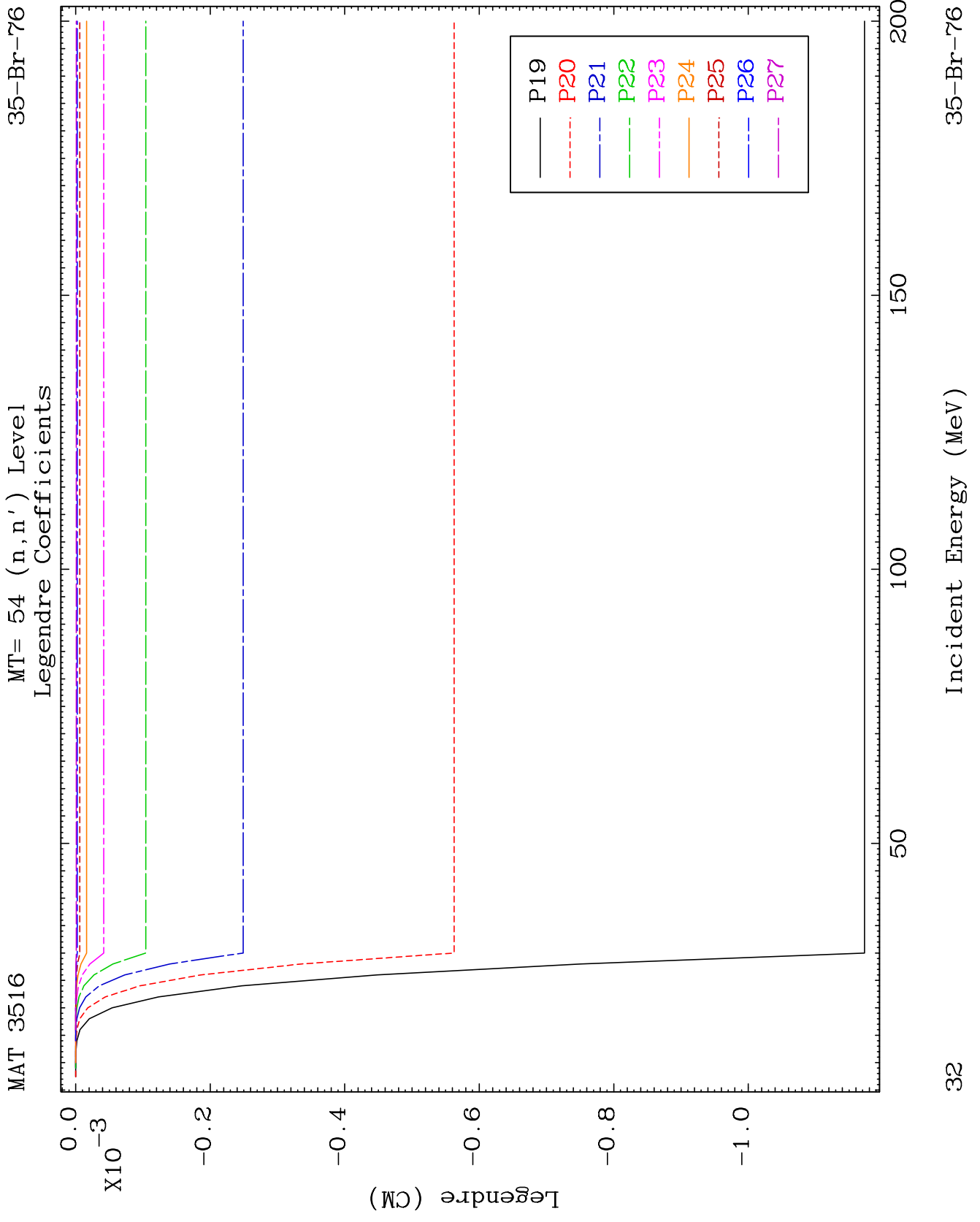


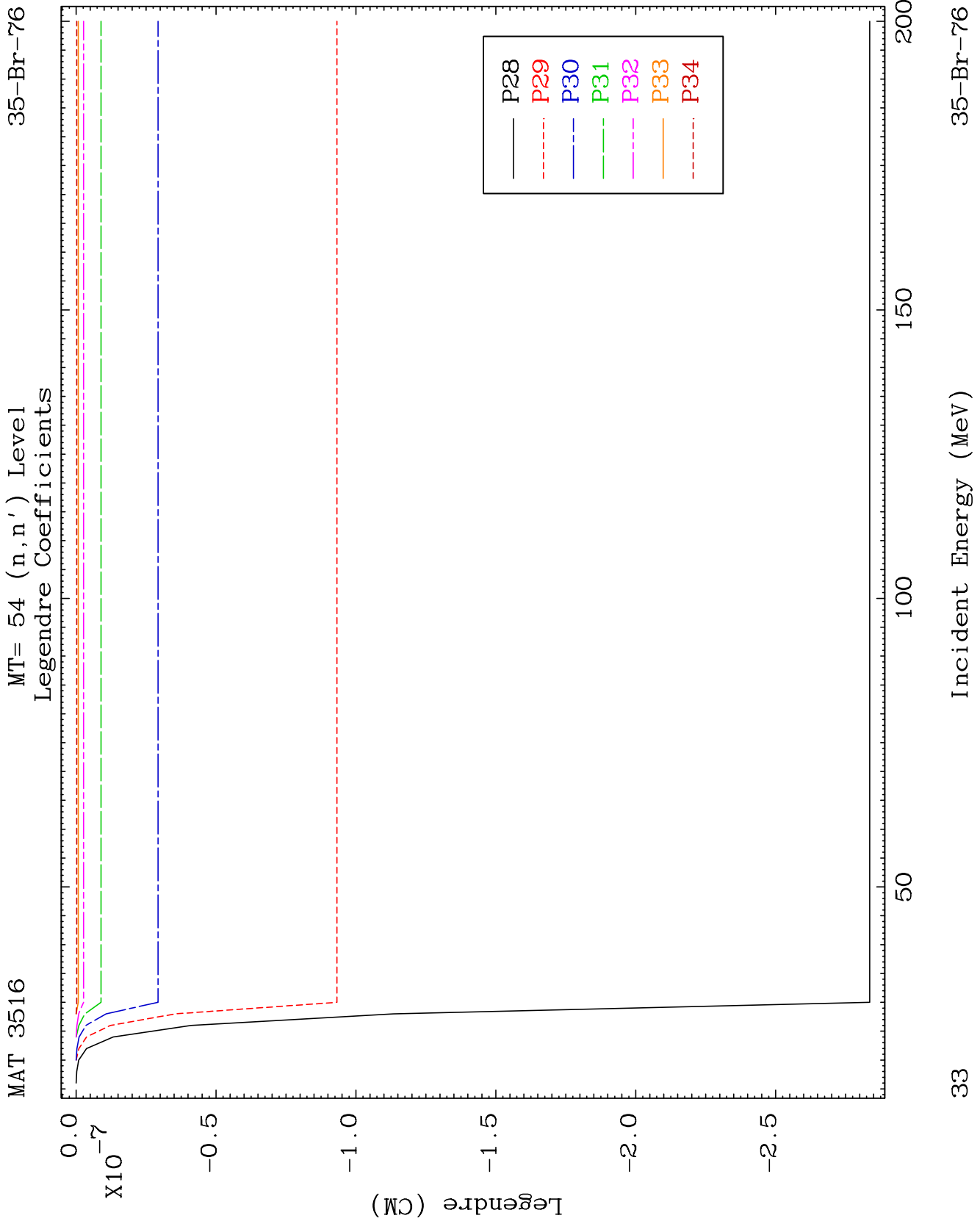
35-Br-76

Incident Energy (MeV)

30



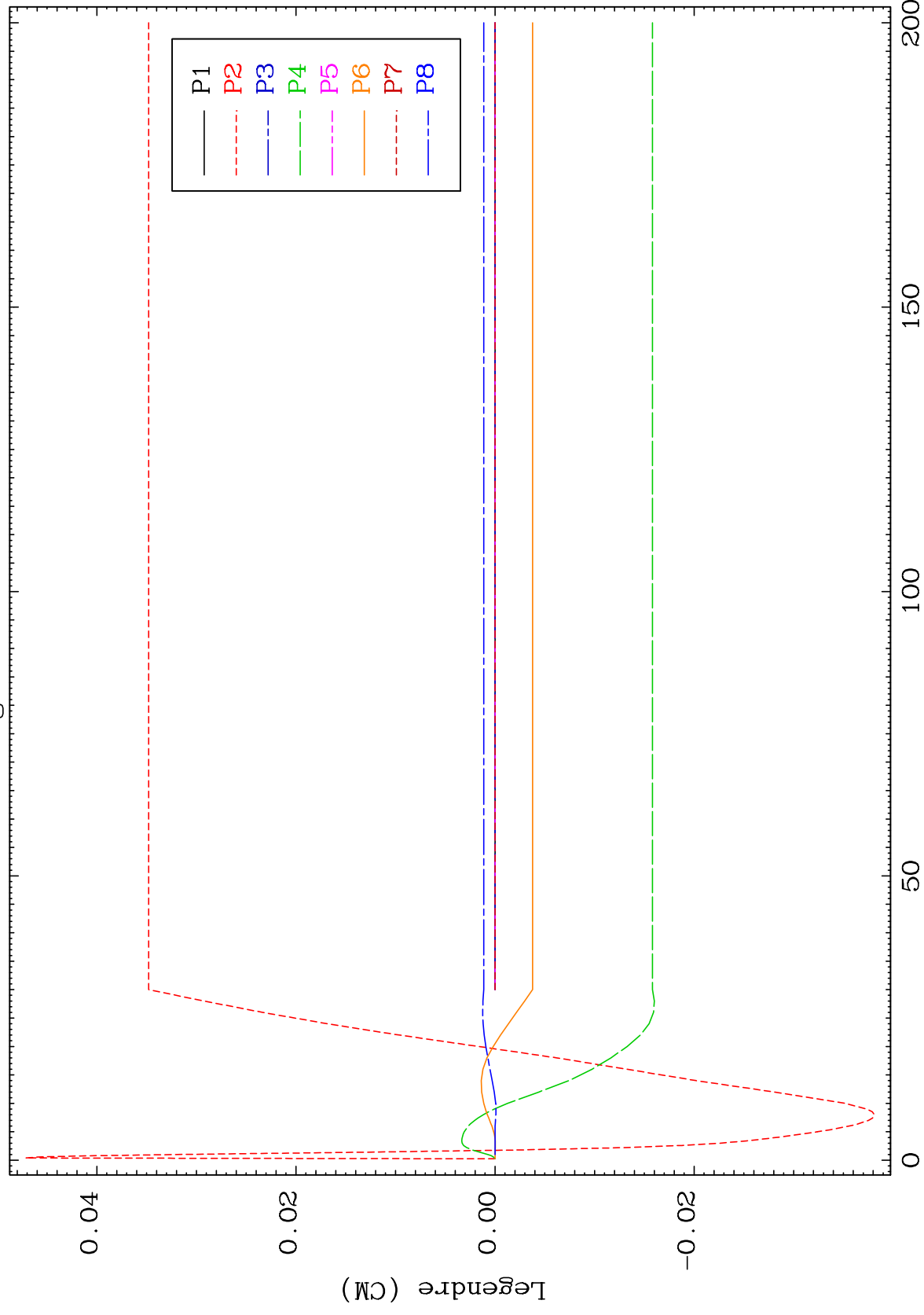




MAT 3516

MT= 55 (n,n') Level
Legendre Coefficients

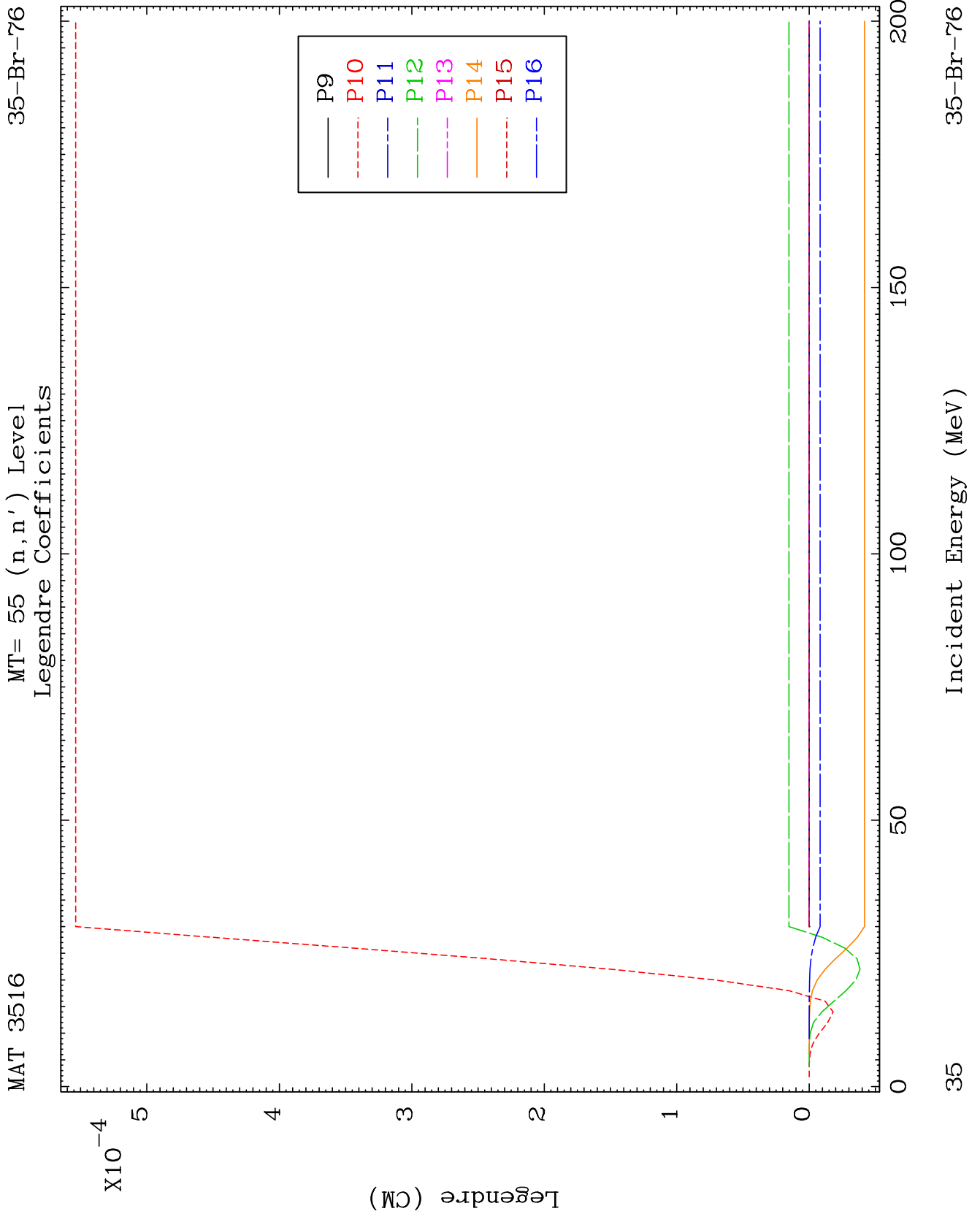
35-Br-76



34

Incident Energy (MeV)

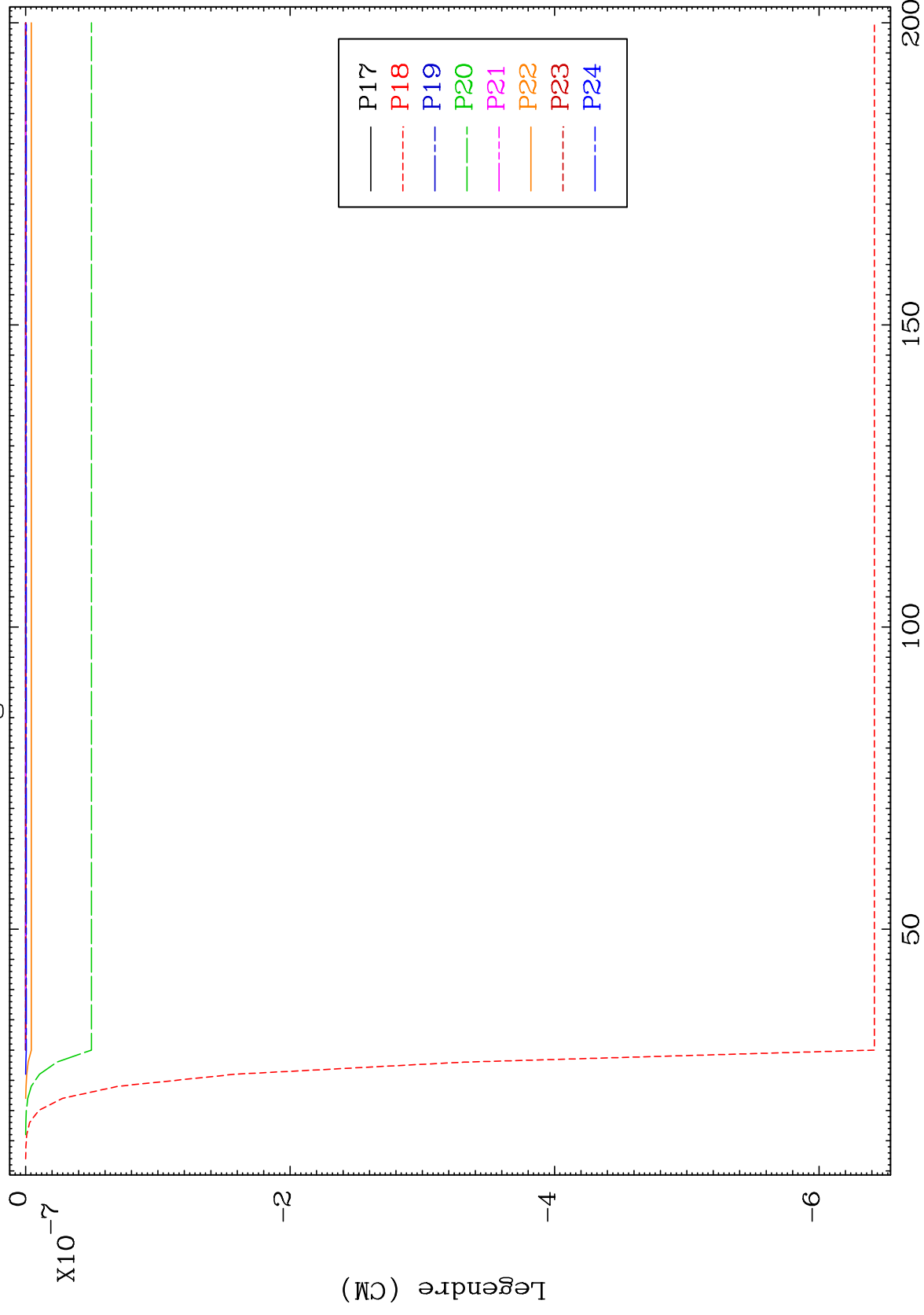
35-Br-76



MAT 3516

MT= 55 (n,n') Level
Legendre Coefficients

35-Br-76



35-Br-76

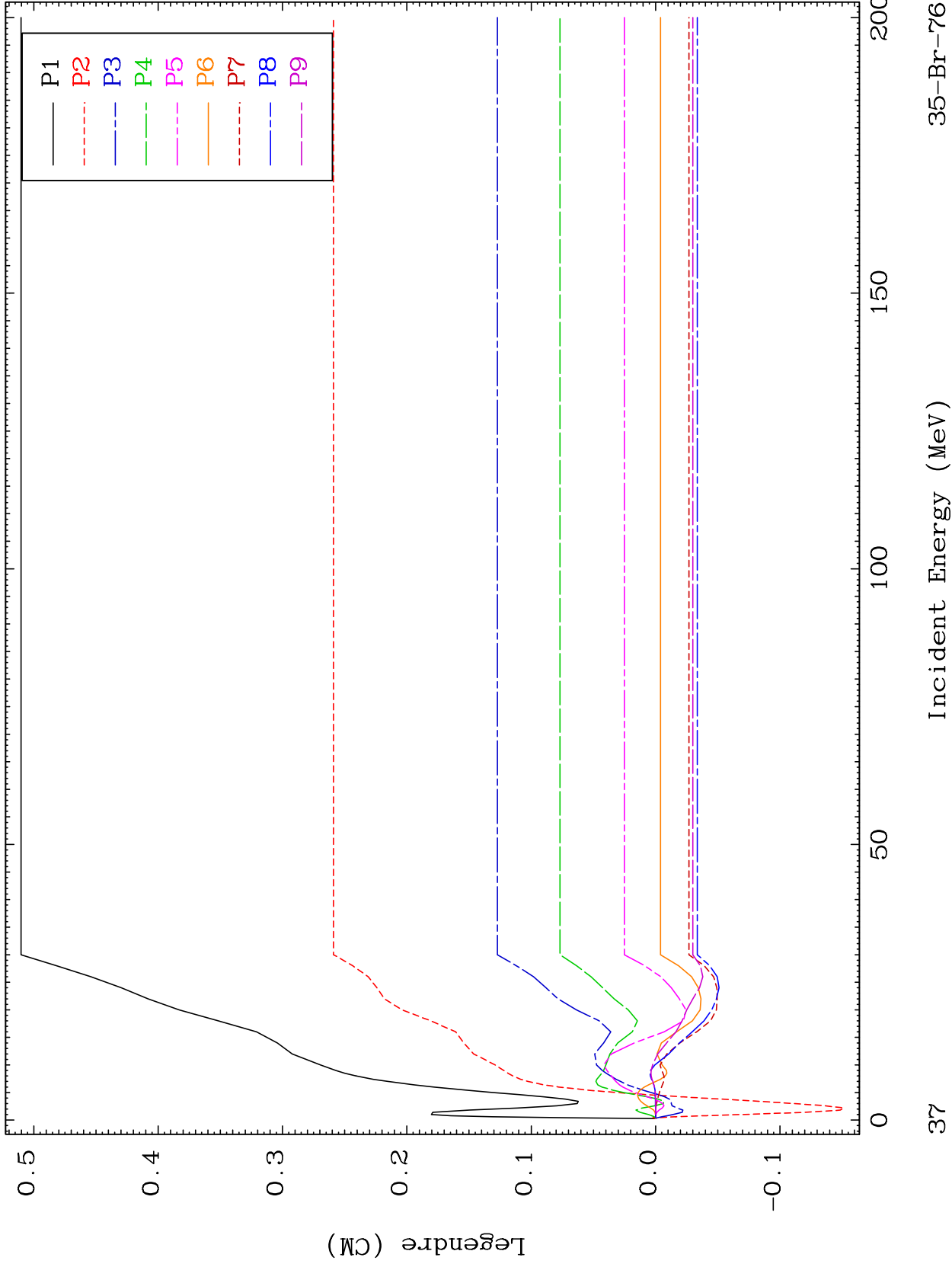
Incident Energy (MeV)

36

MAT 3516

MT= 56 (n,n') Level
Legendre Coefficients

35-Br-76



35-Br-76

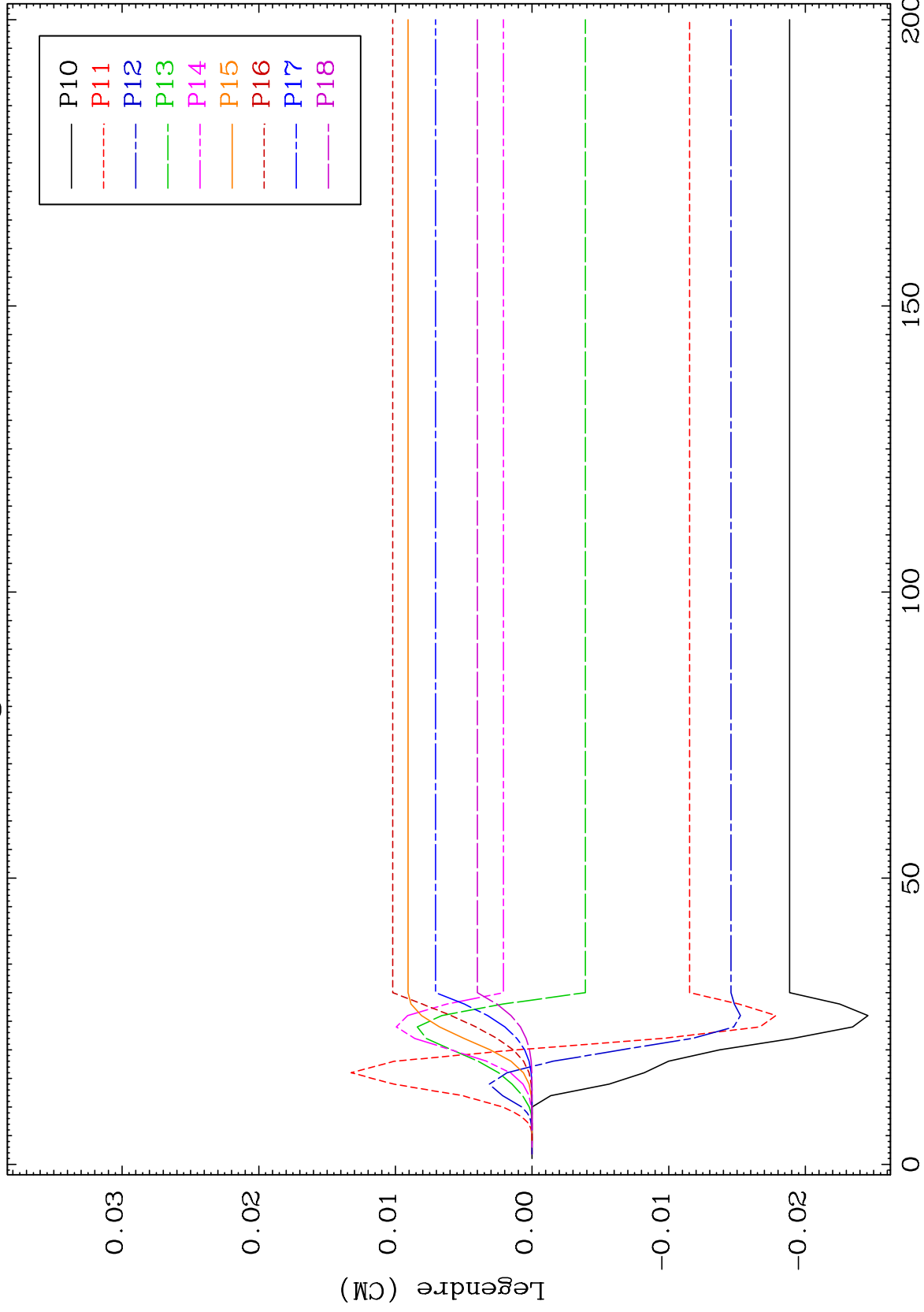
Incident Energy (MeV)

37

MAT 3516

MT= 56 (n,n') Level
Legendre Coefficients

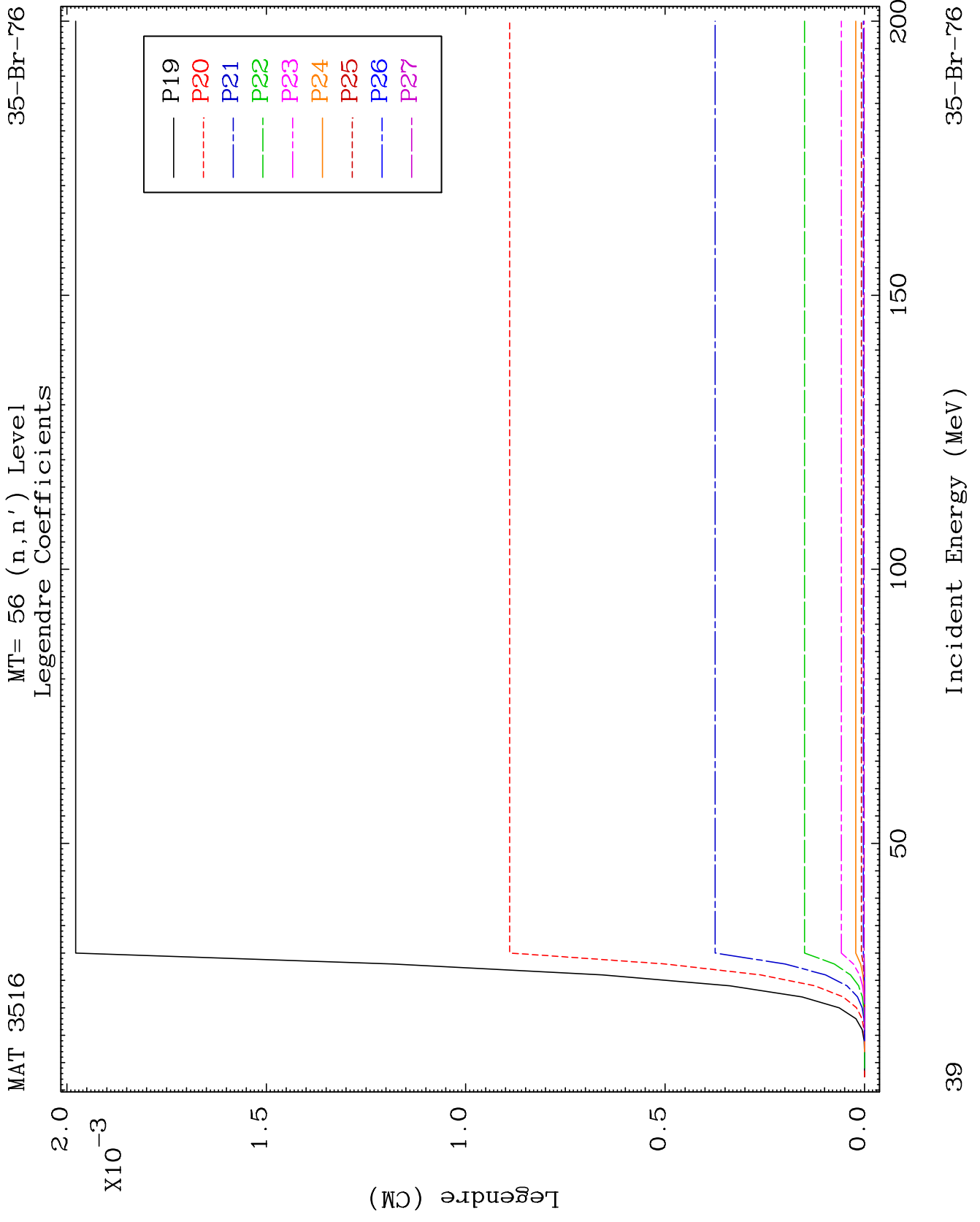
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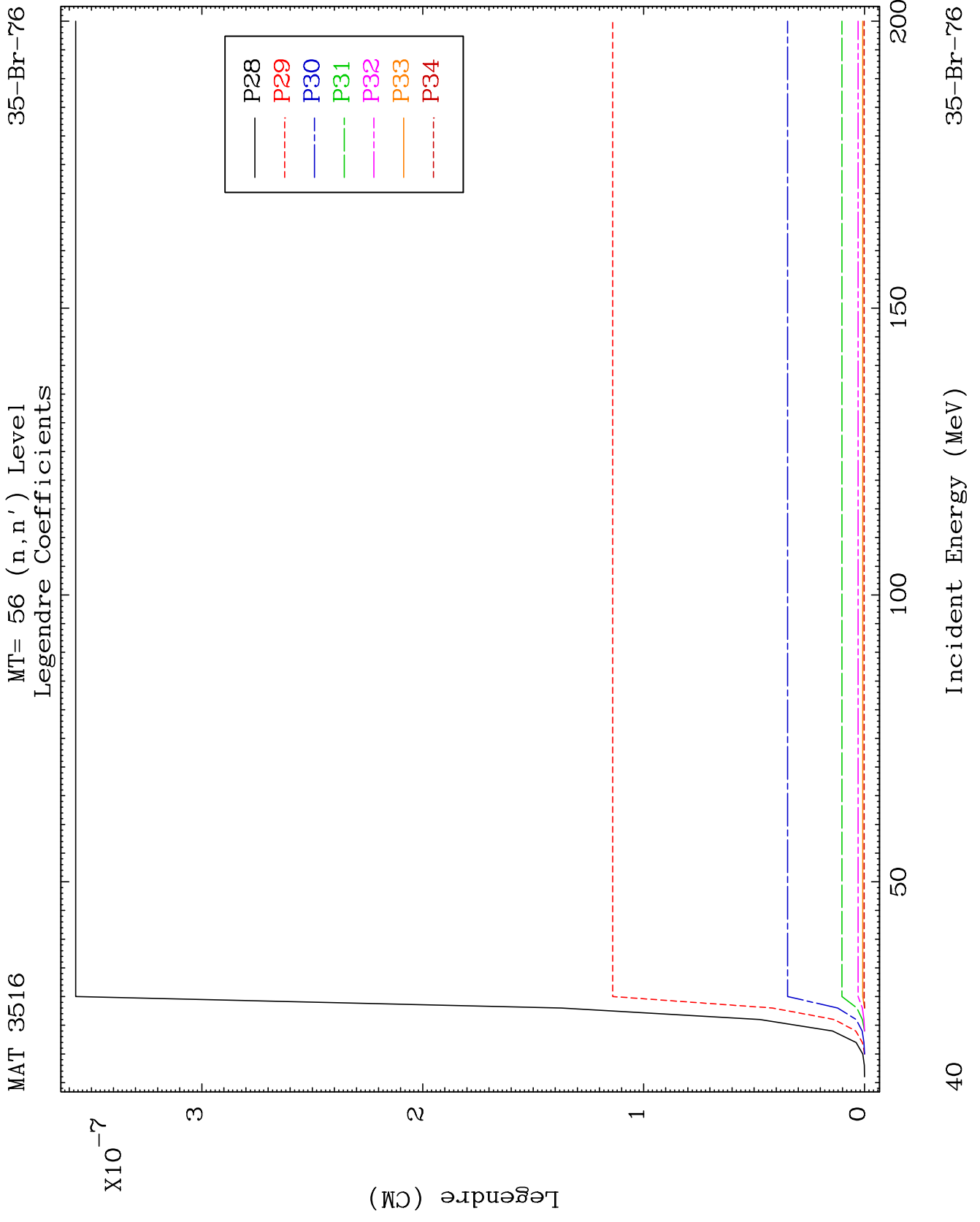


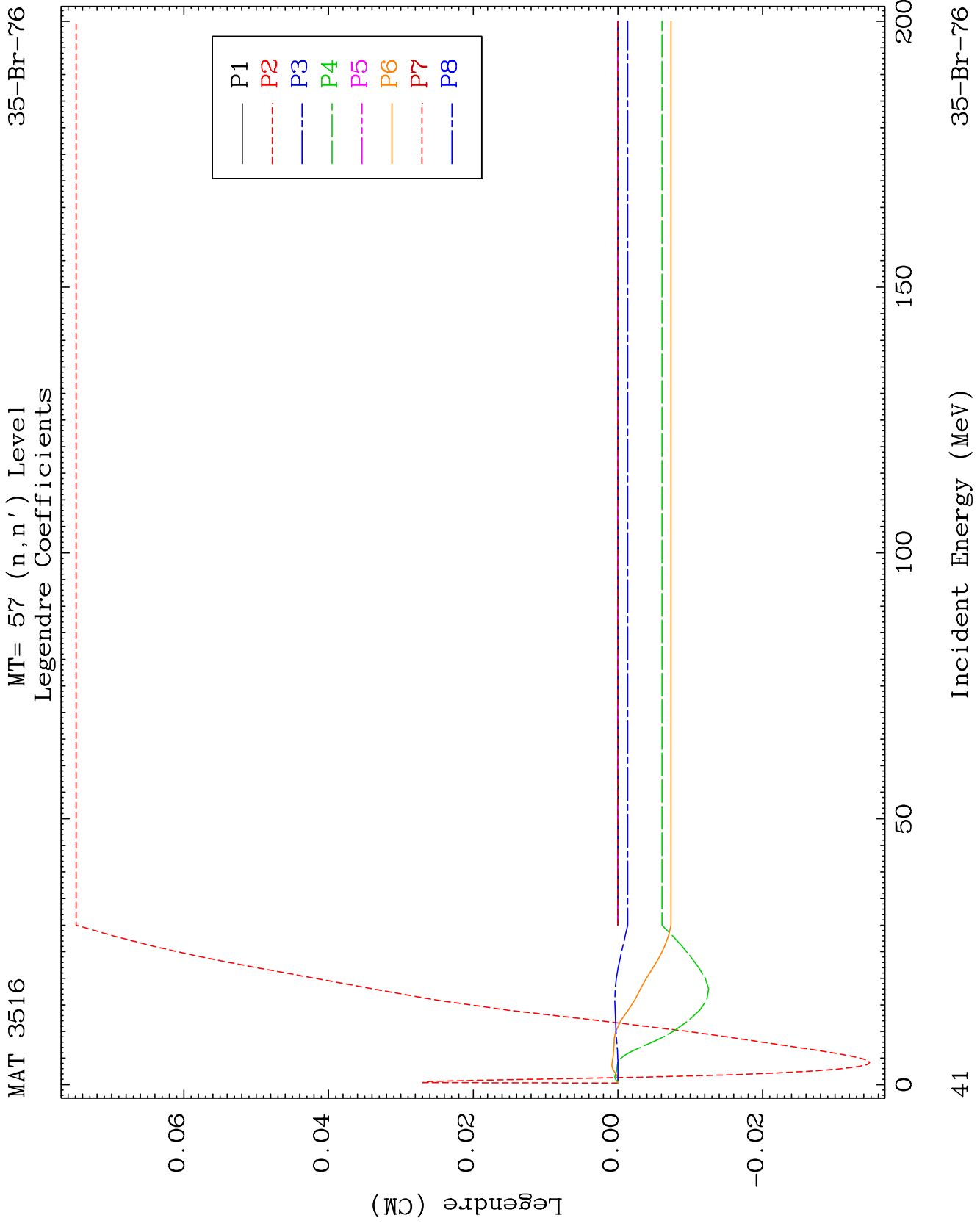
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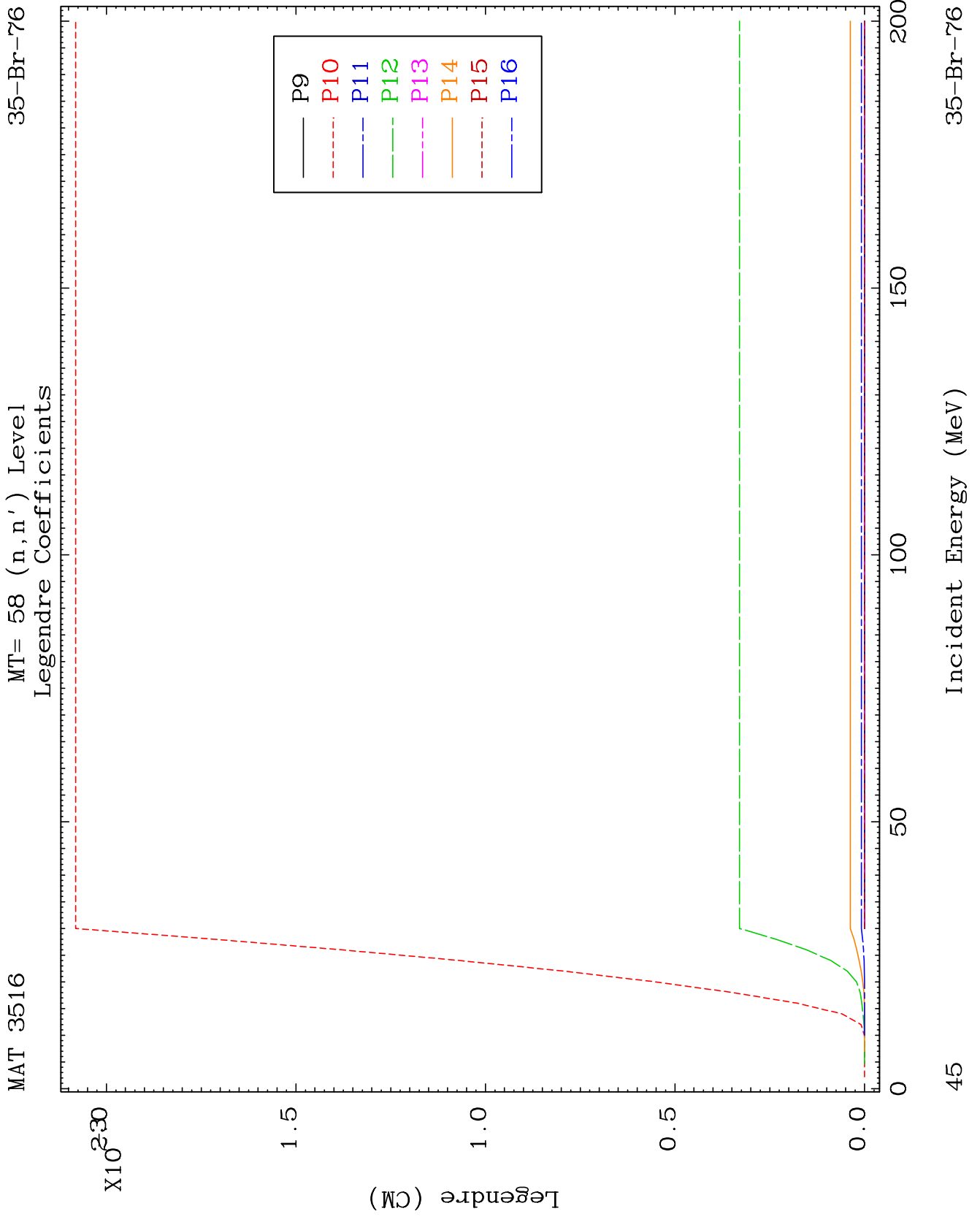
Incident Energy (MeV)

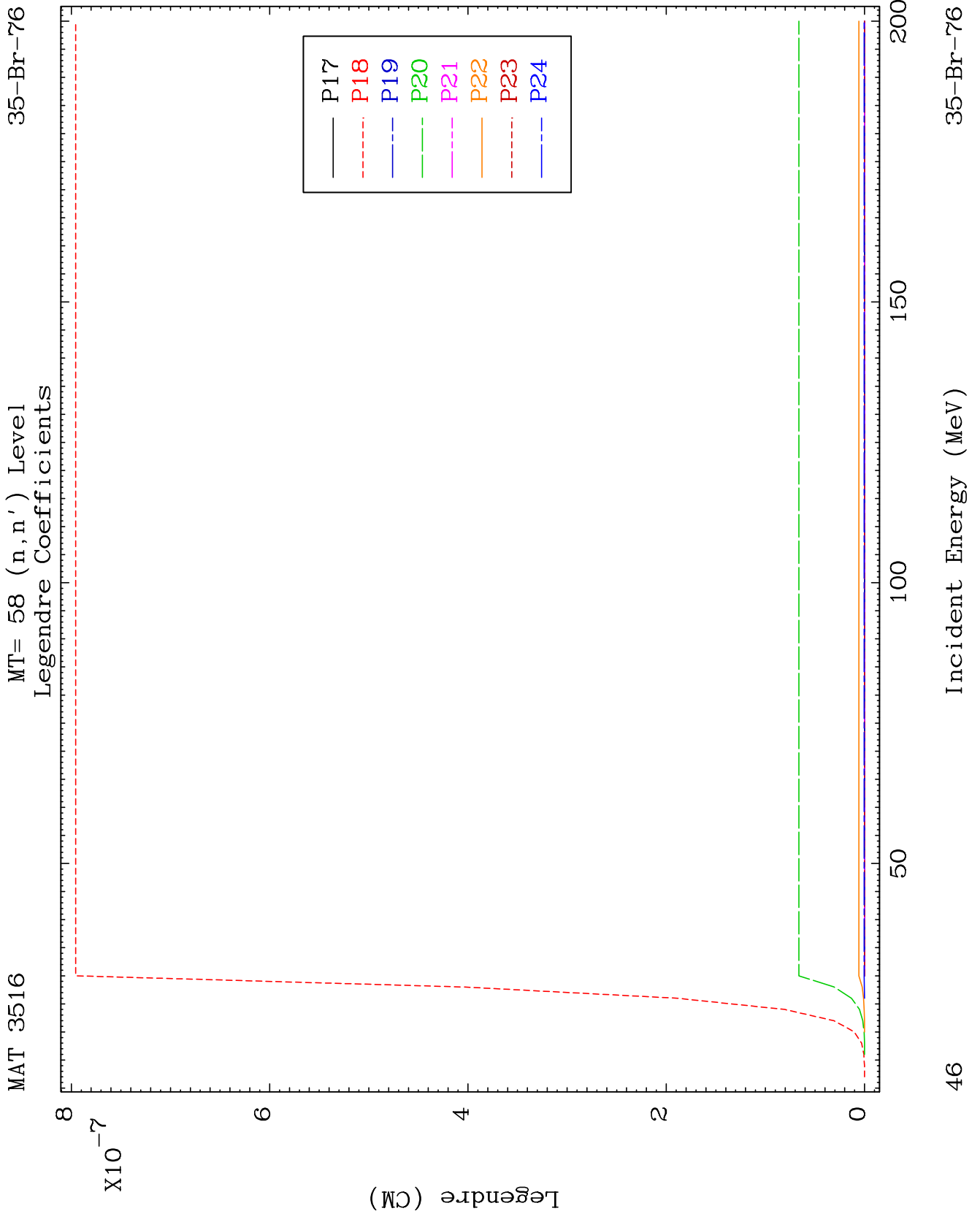
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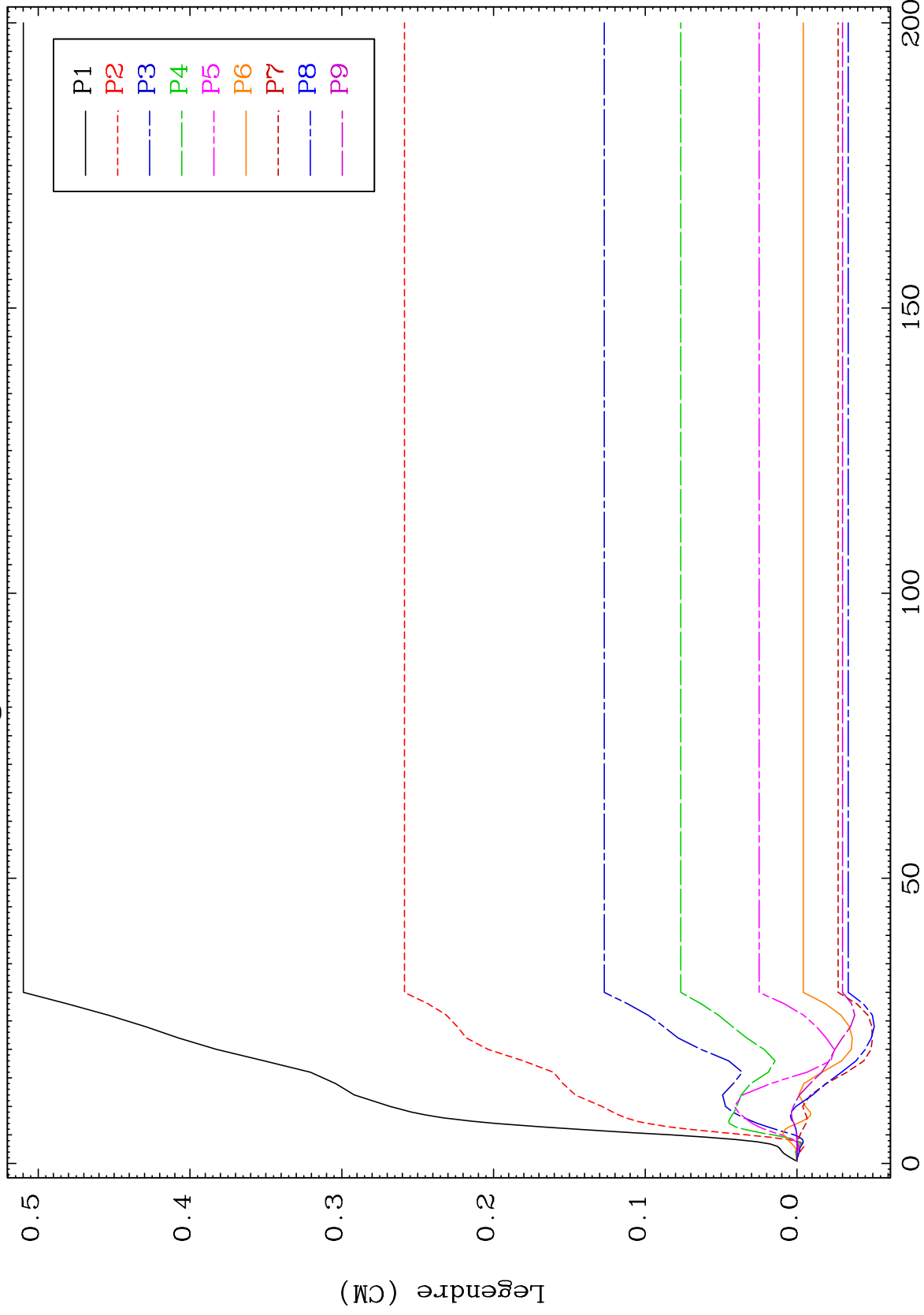




MAT 3516

MT= 59 (n,n') Level
Legendre Coefficients

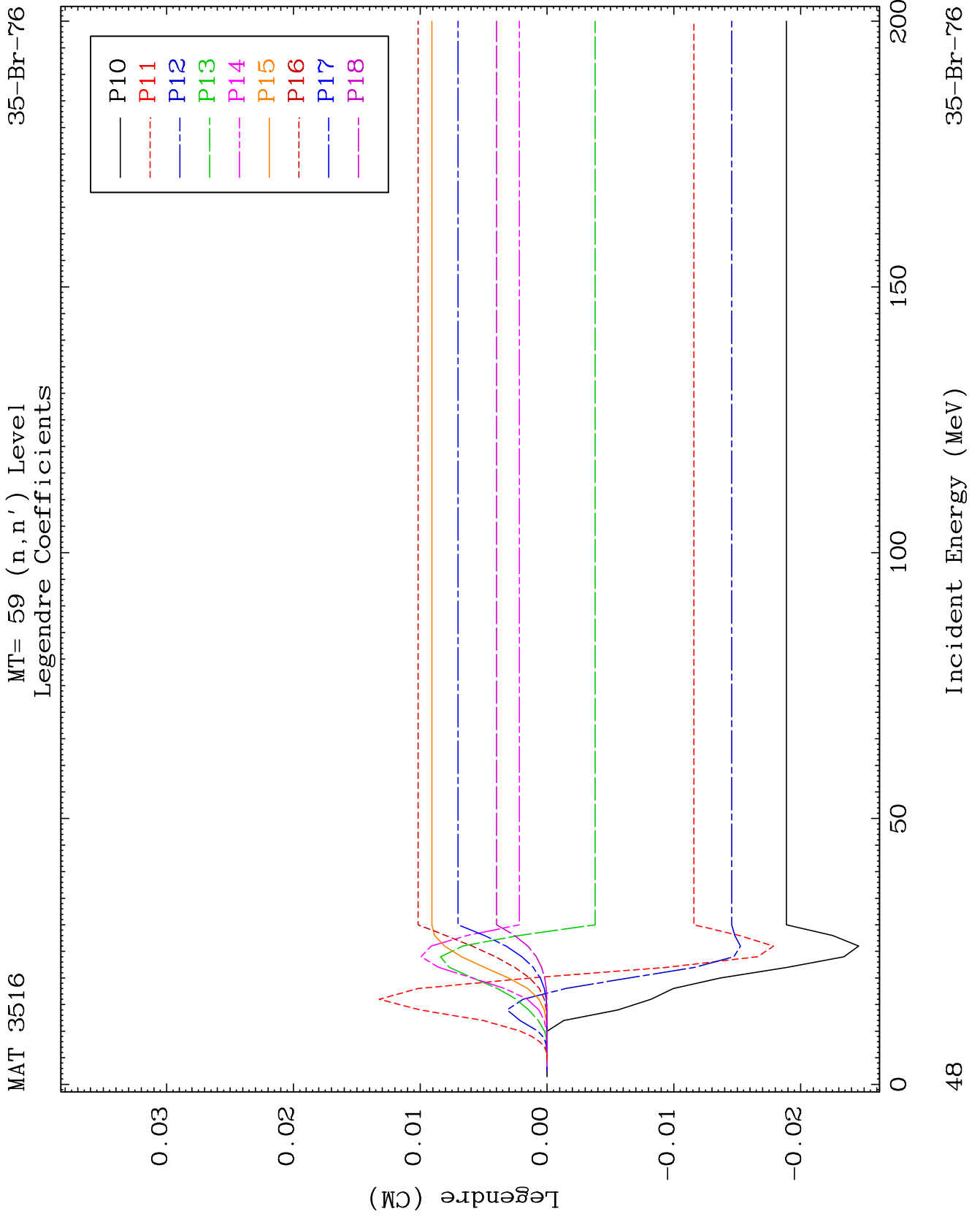
35-Br-76



47

Incident Energy (MeV)

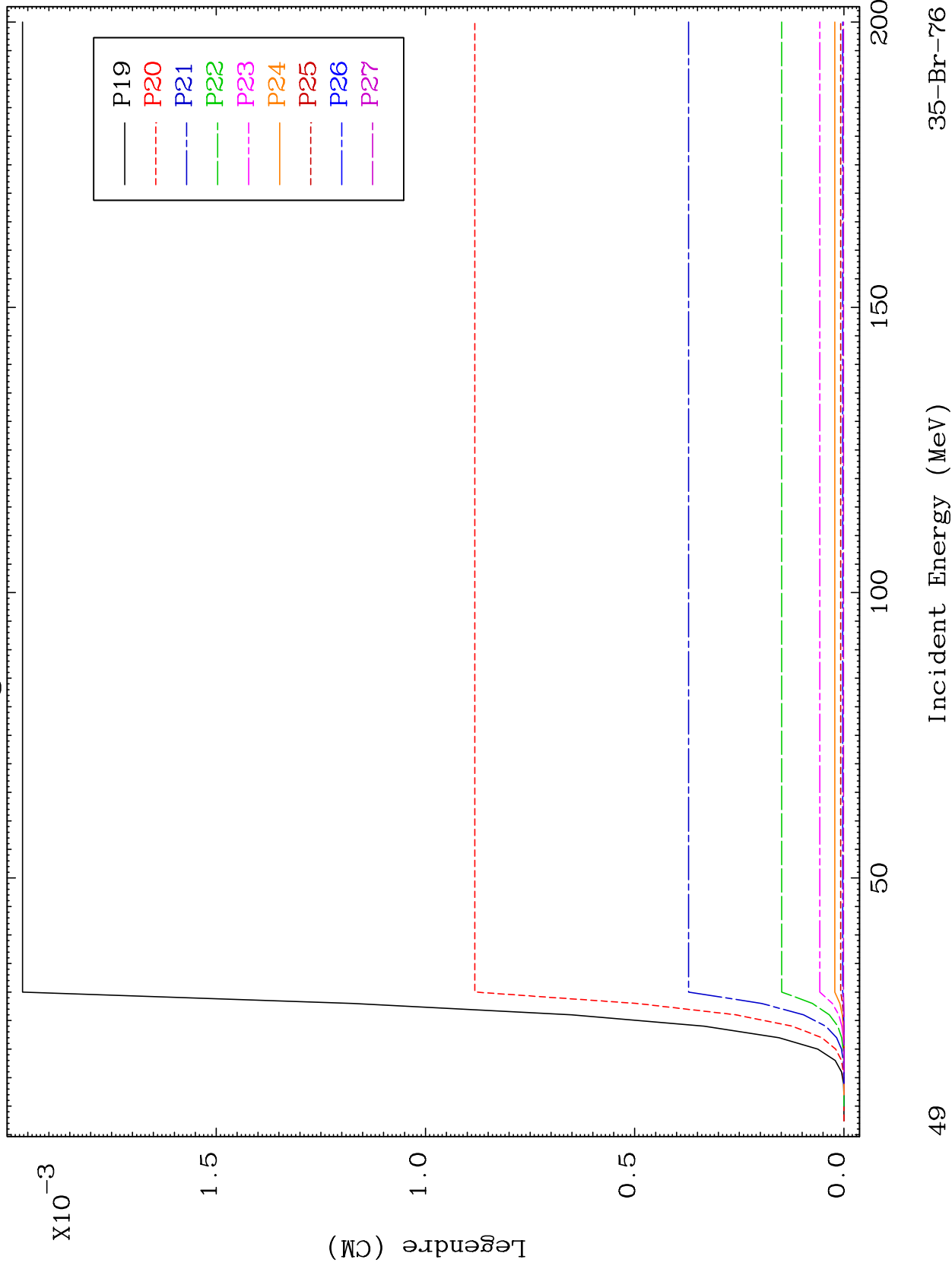
35-Br-76



MAT 3516

MT= 59 (n,n') Level
Legendre Coefficients

35-Br-76



49

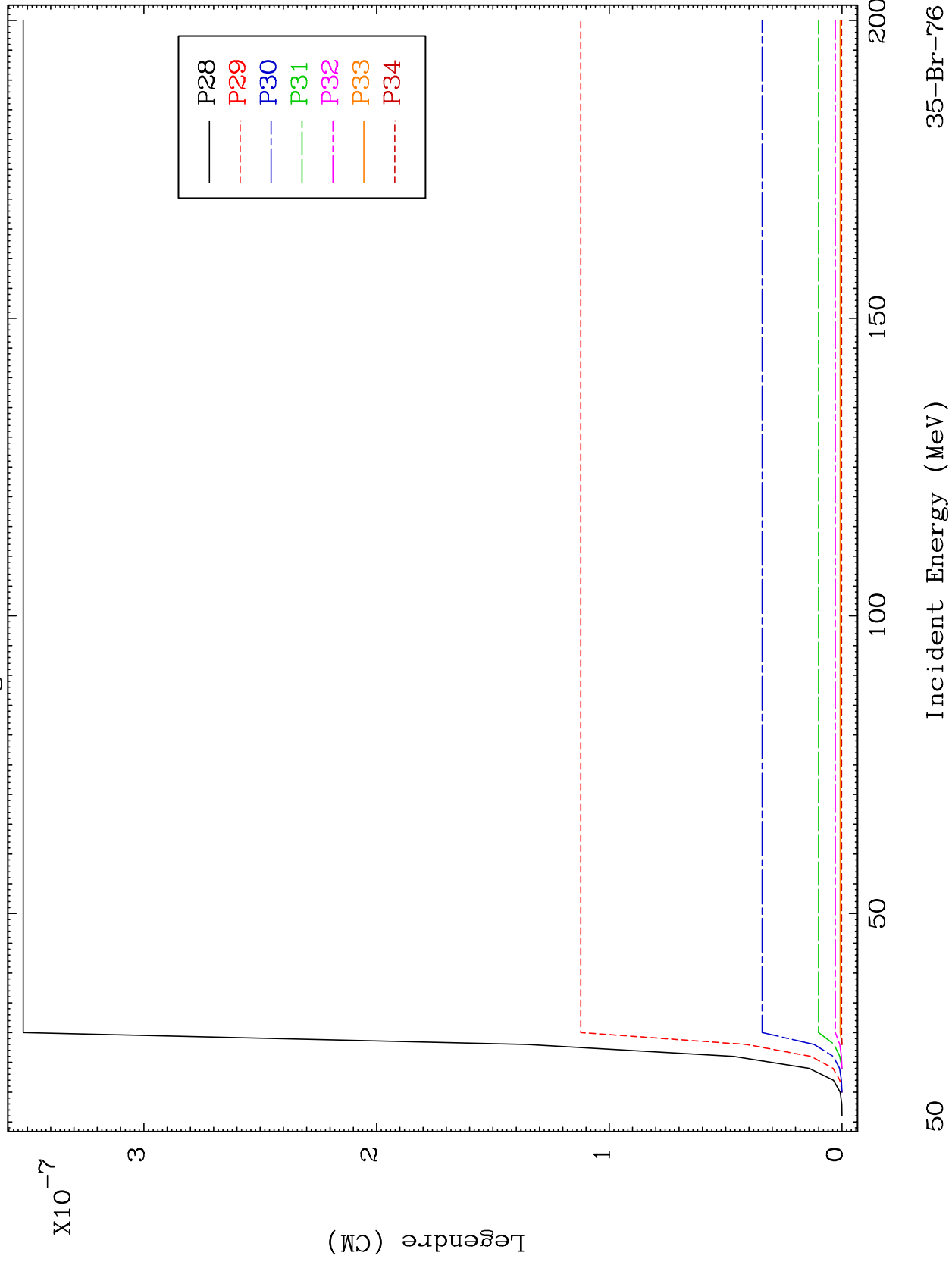
Incident Energy (MeV)

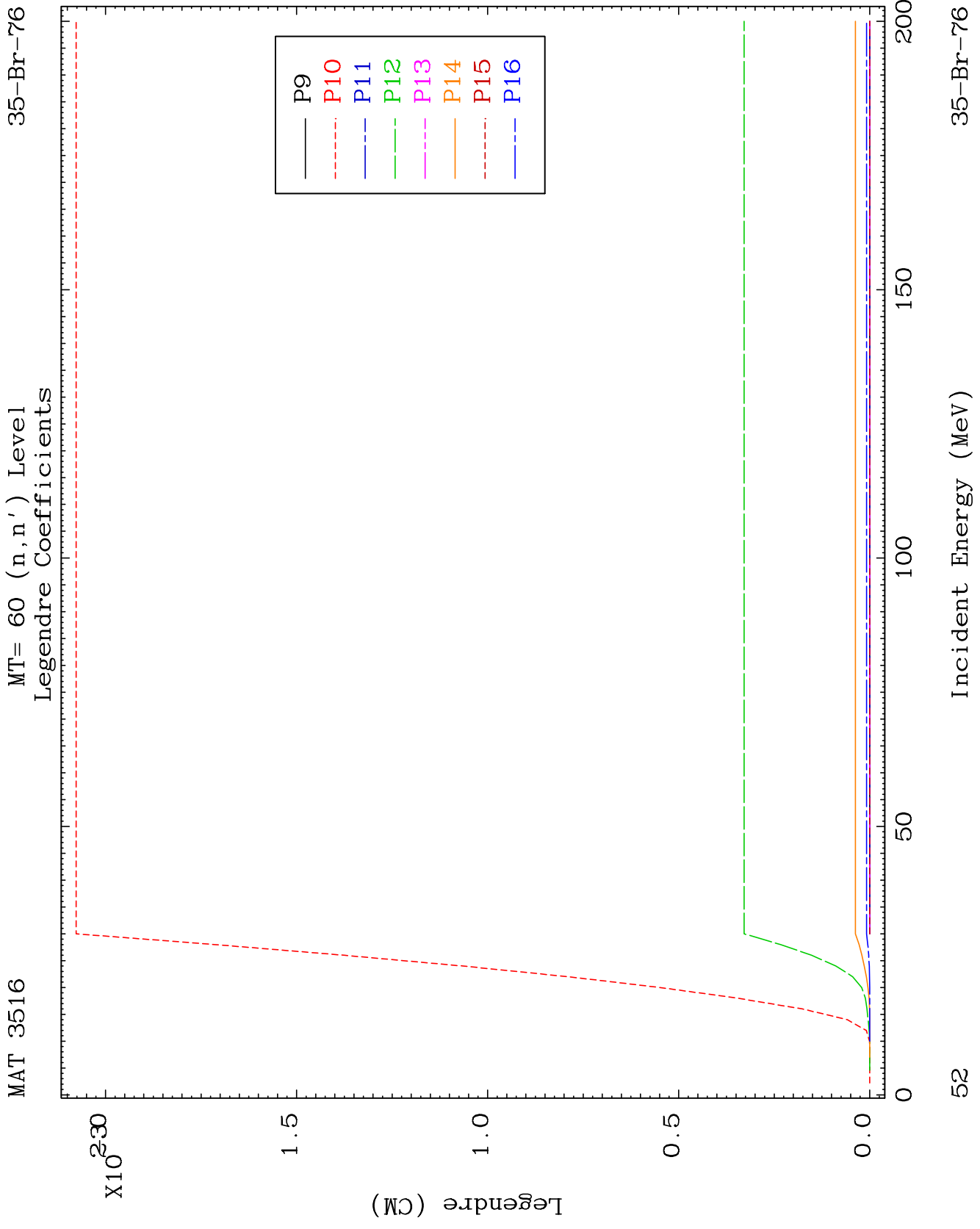
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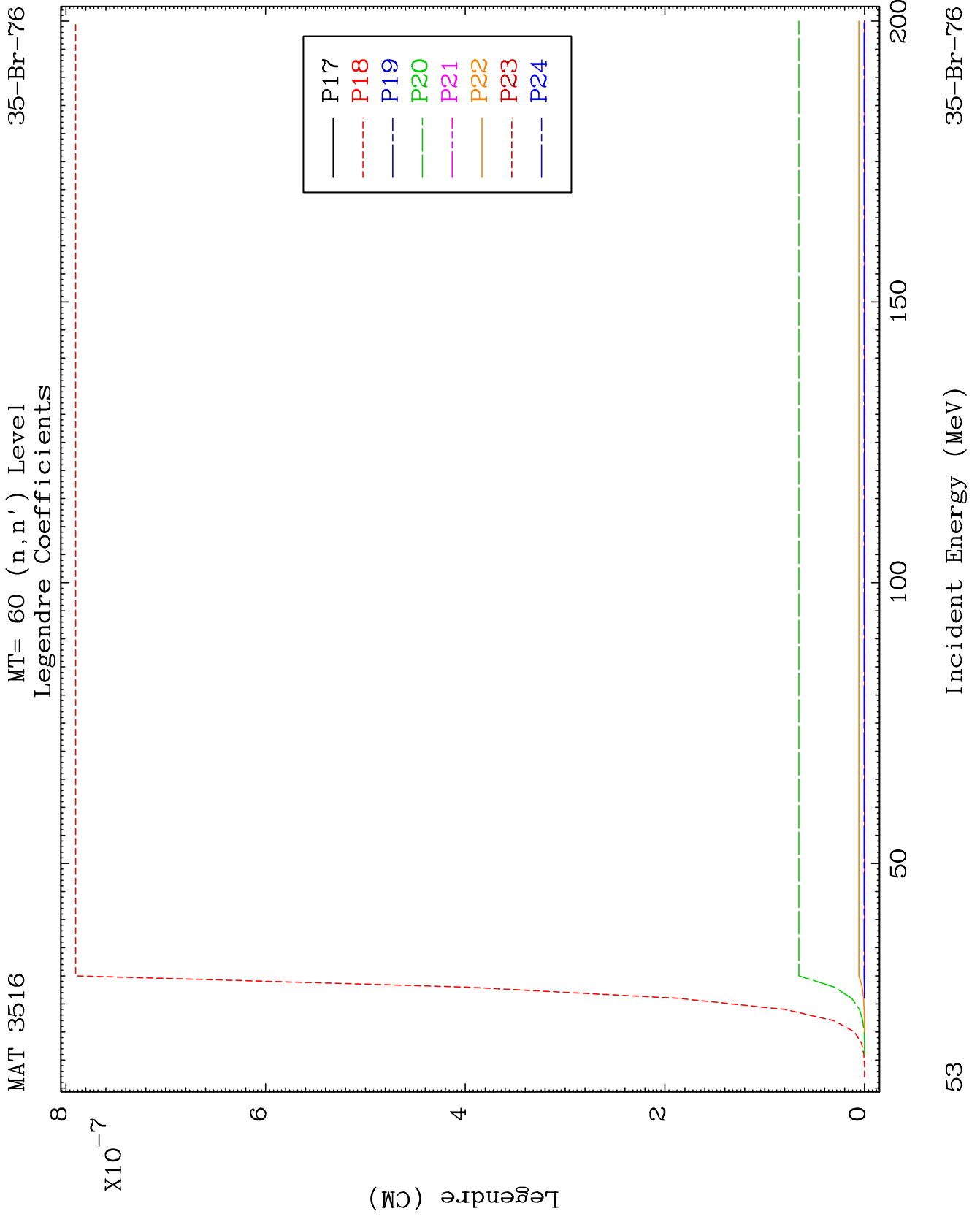
MAT 3516

MT= 59 (n,n') Level
Legendre Coefficients

35-Br-76



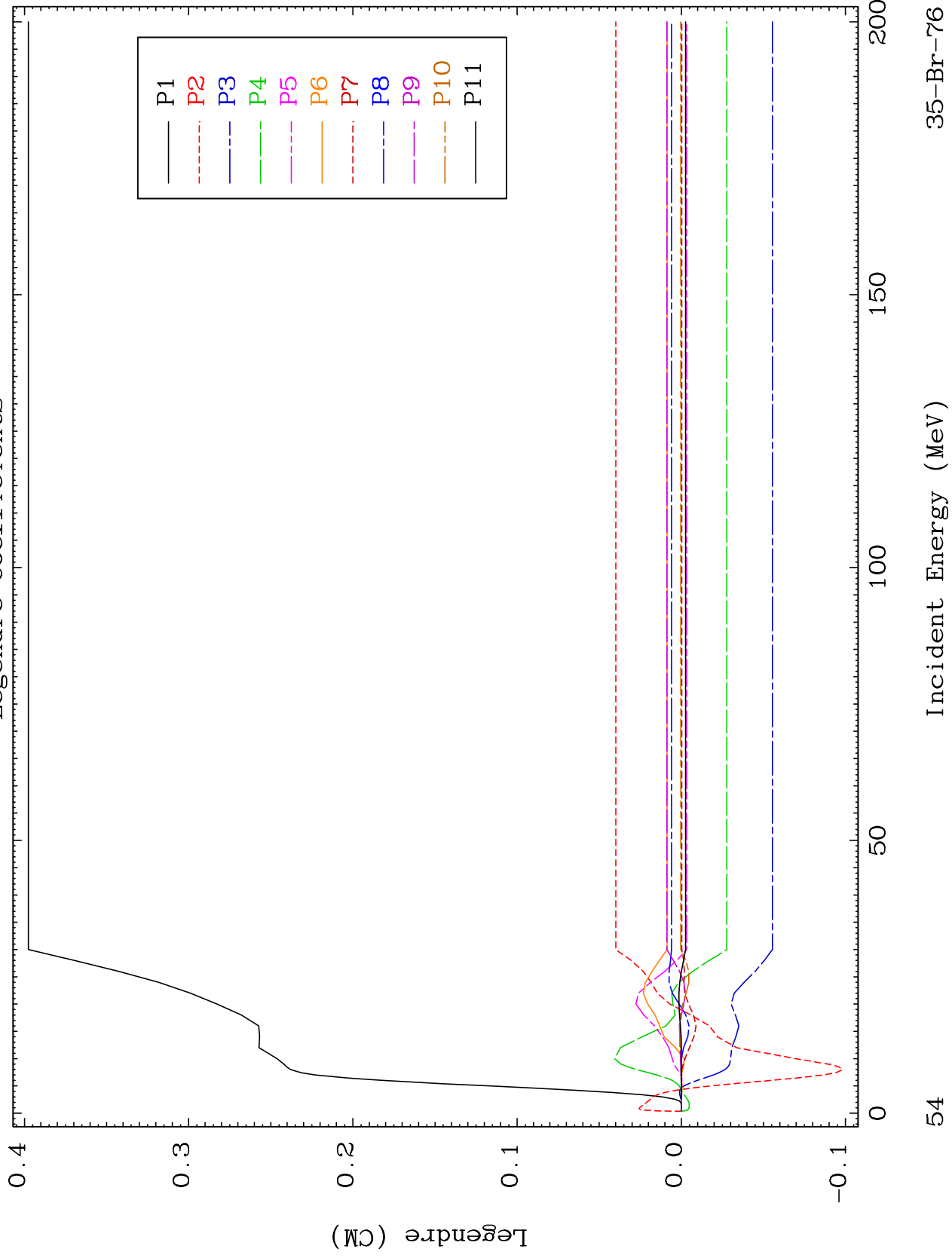




MAT 3516

MT= 61 (n,n') Level
Legendre Coefficients

35-Br-76



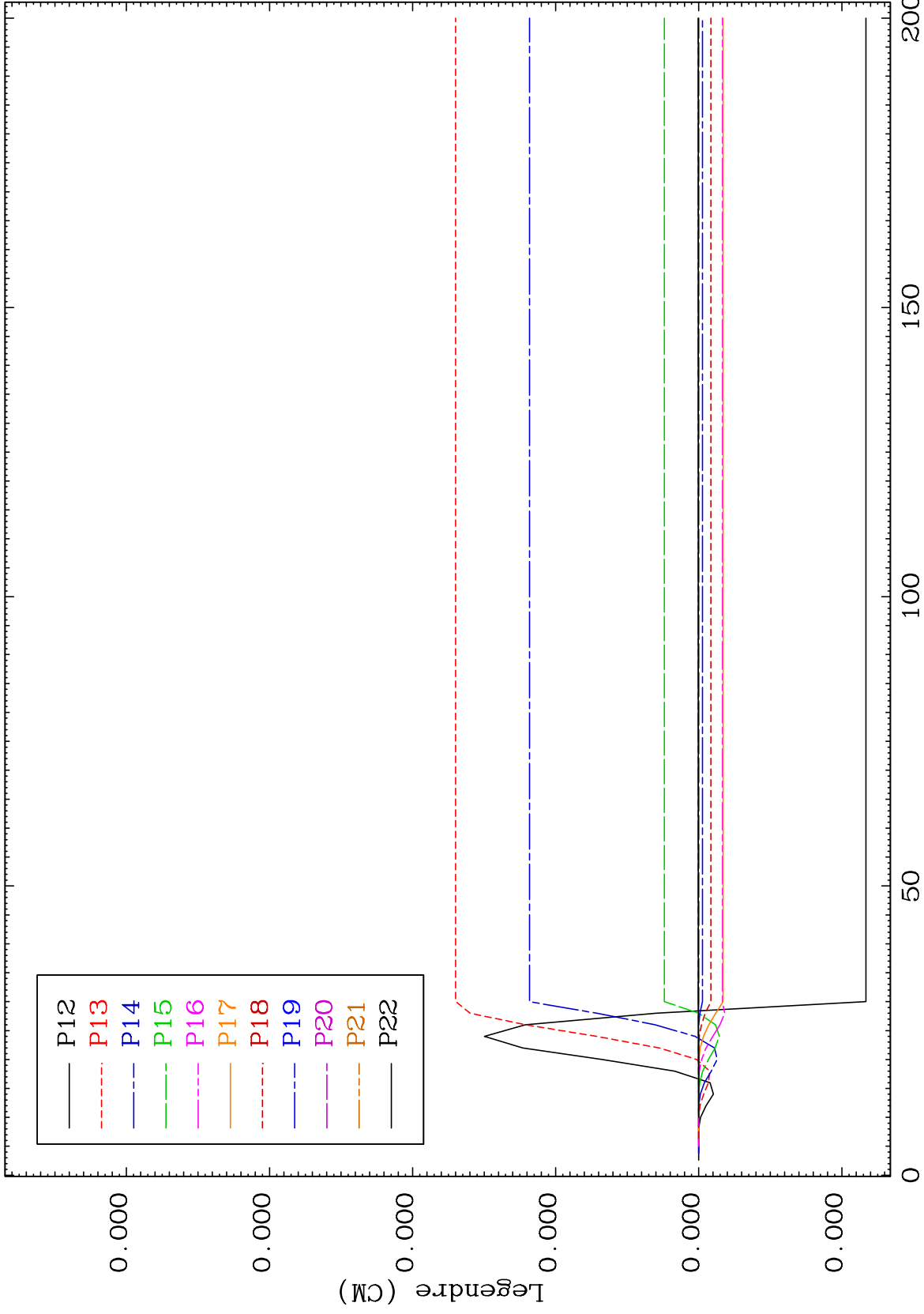
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35-Br-76

MAT 3516

MT= 61 (n,n') Level
Legendre Coefficients

35-Br-76



55

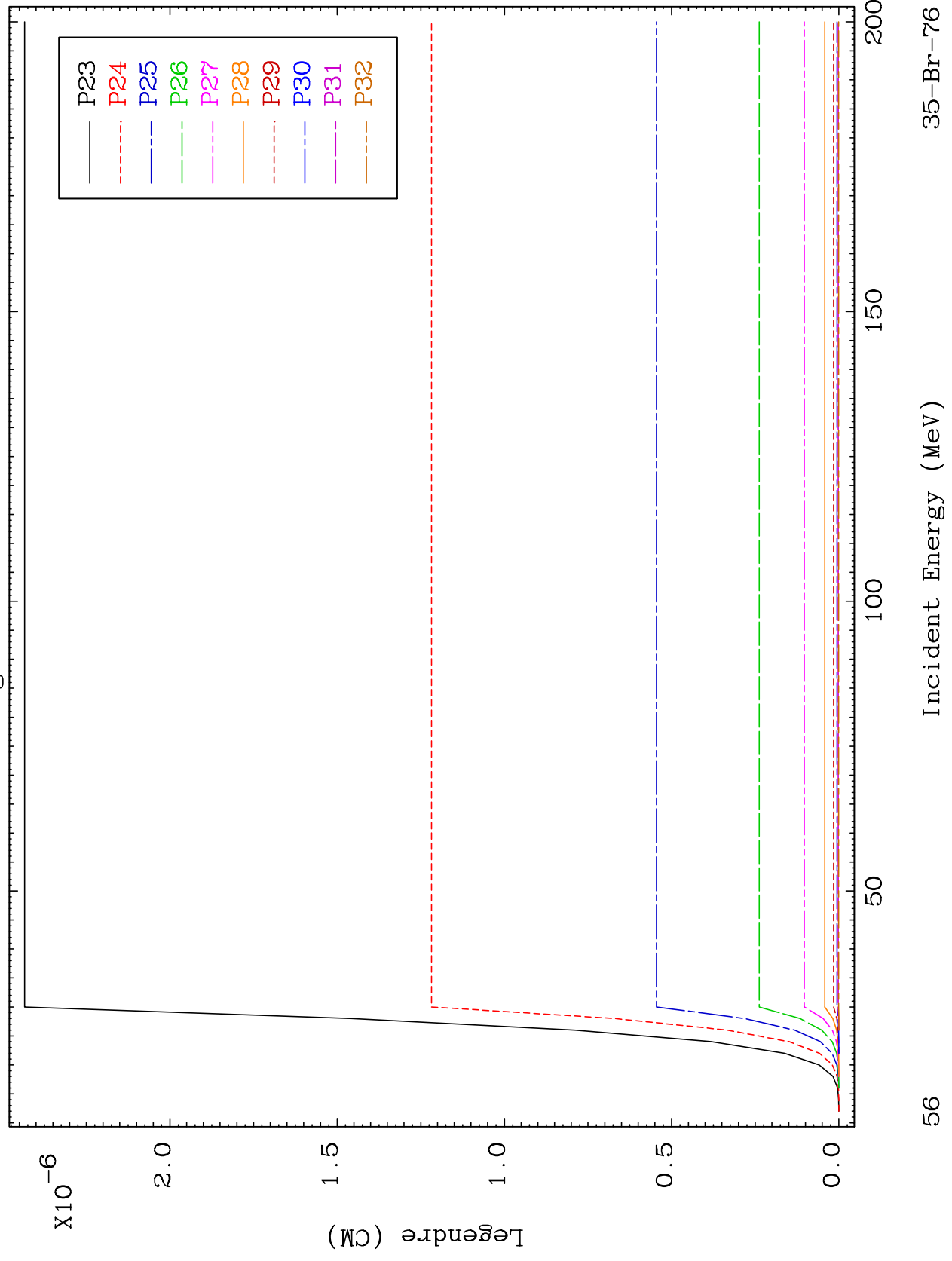
Incident Energy (MeV)

35-Br-76

MAT 3516

MT= 61 (n,n') Level
Legendre Coefficients

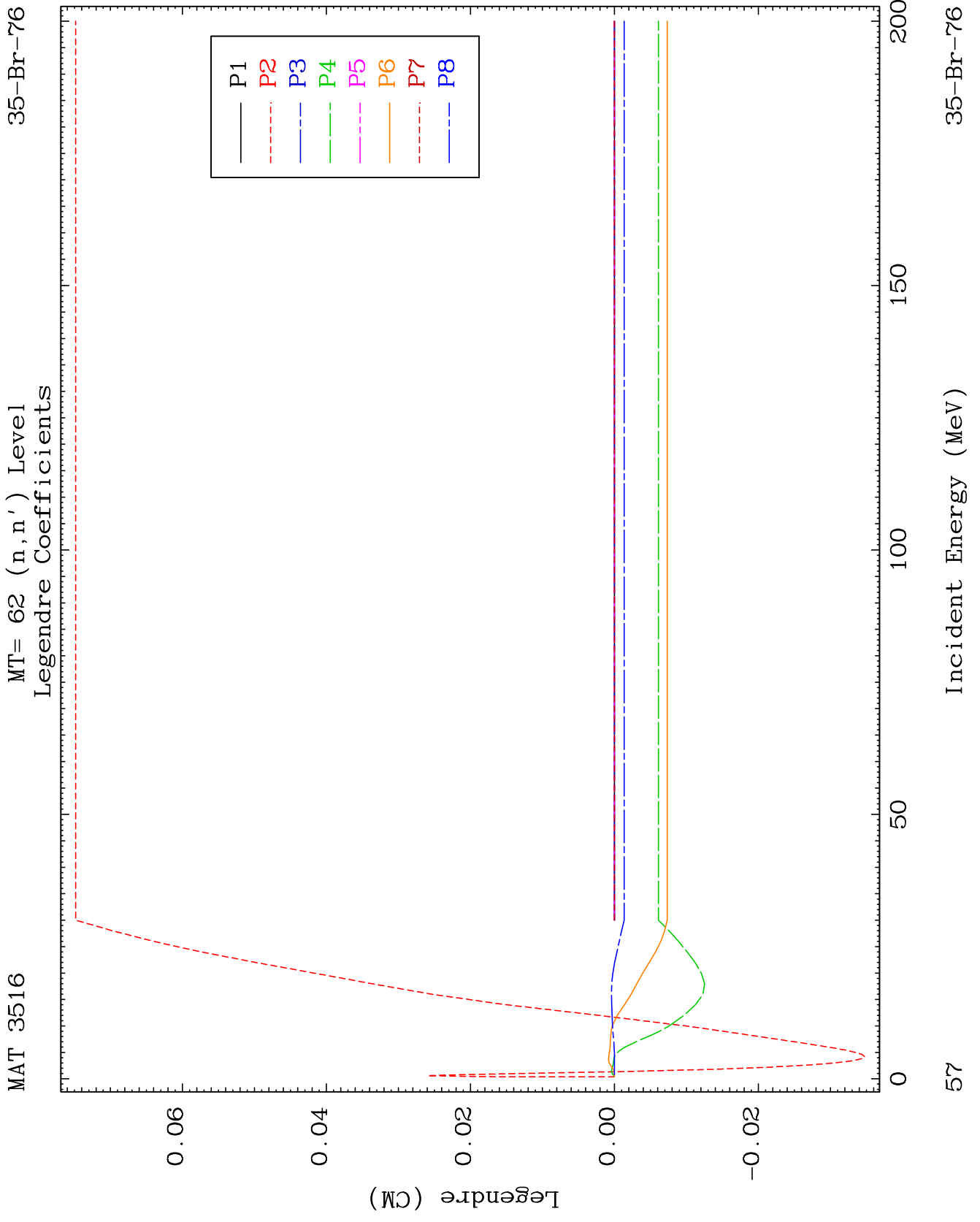
35-Br-76



35-Br-76

Incident Energy (MeV)

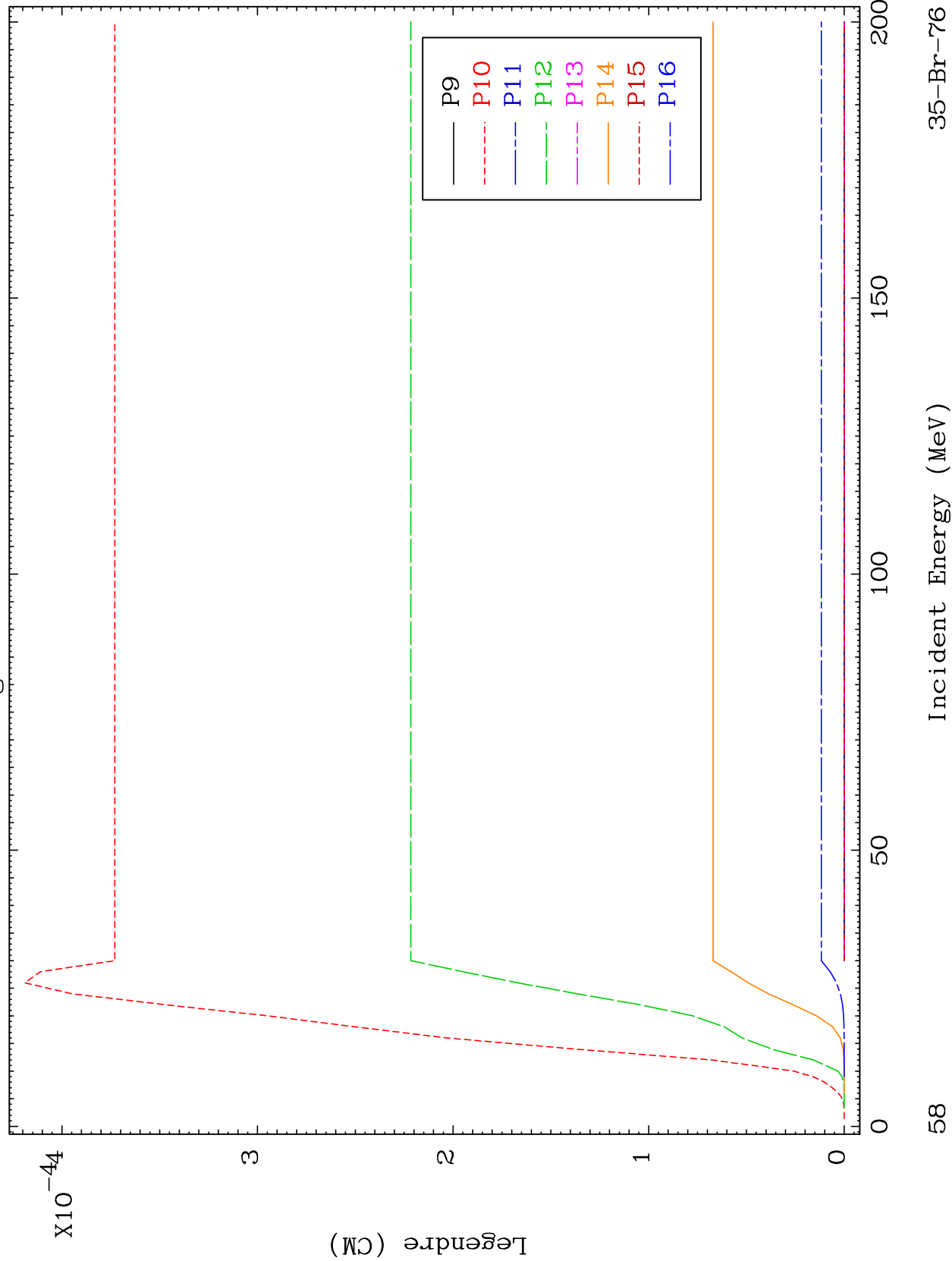
56



MAT 3516

MT= 62 (n,n') Level
Legendre Coefficients

35-Br-76

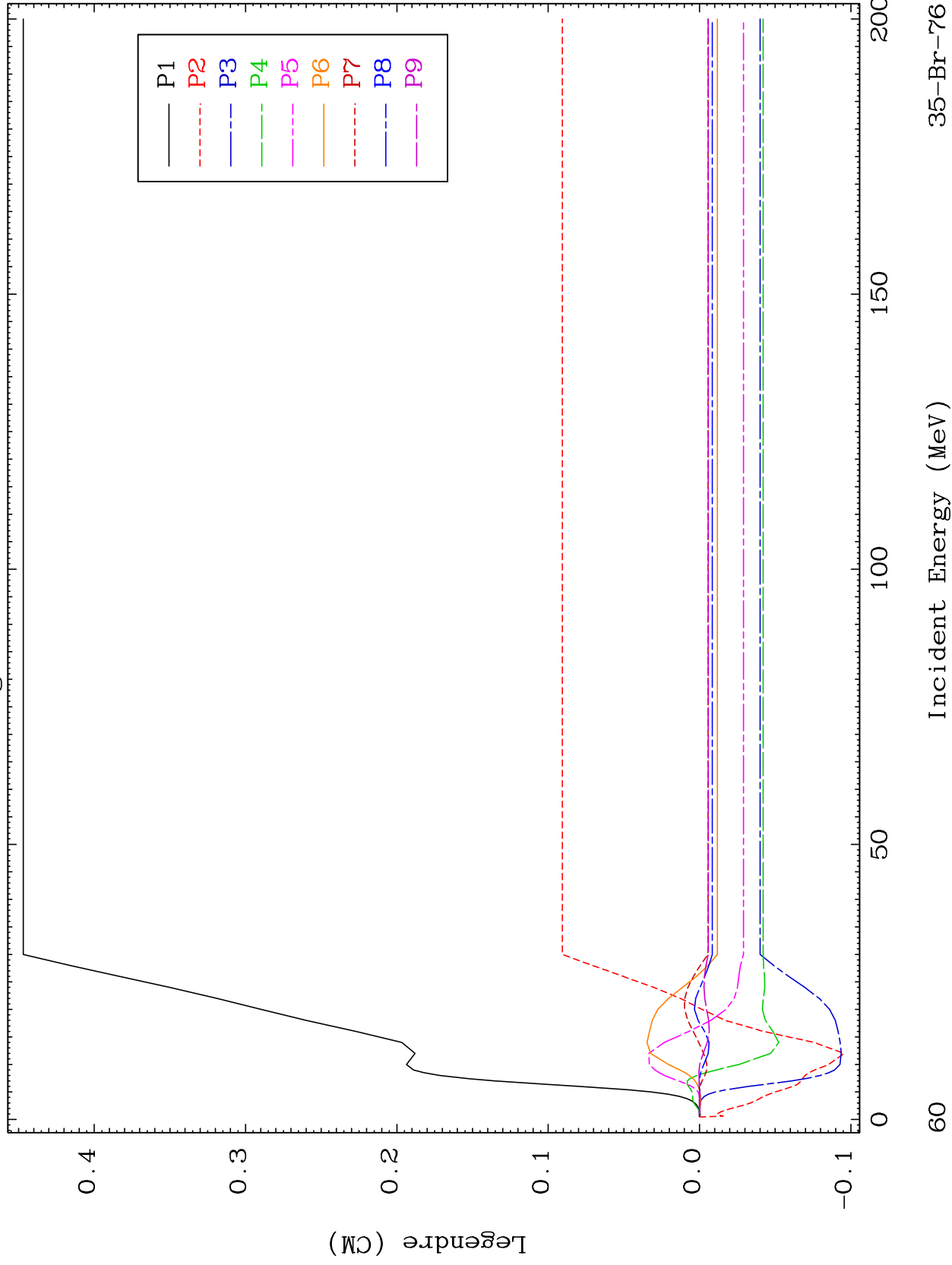


58

MAT 3516

MT= 63 (n,n') Level
Legendre Coefficients

³⁵Br-⁷⁶

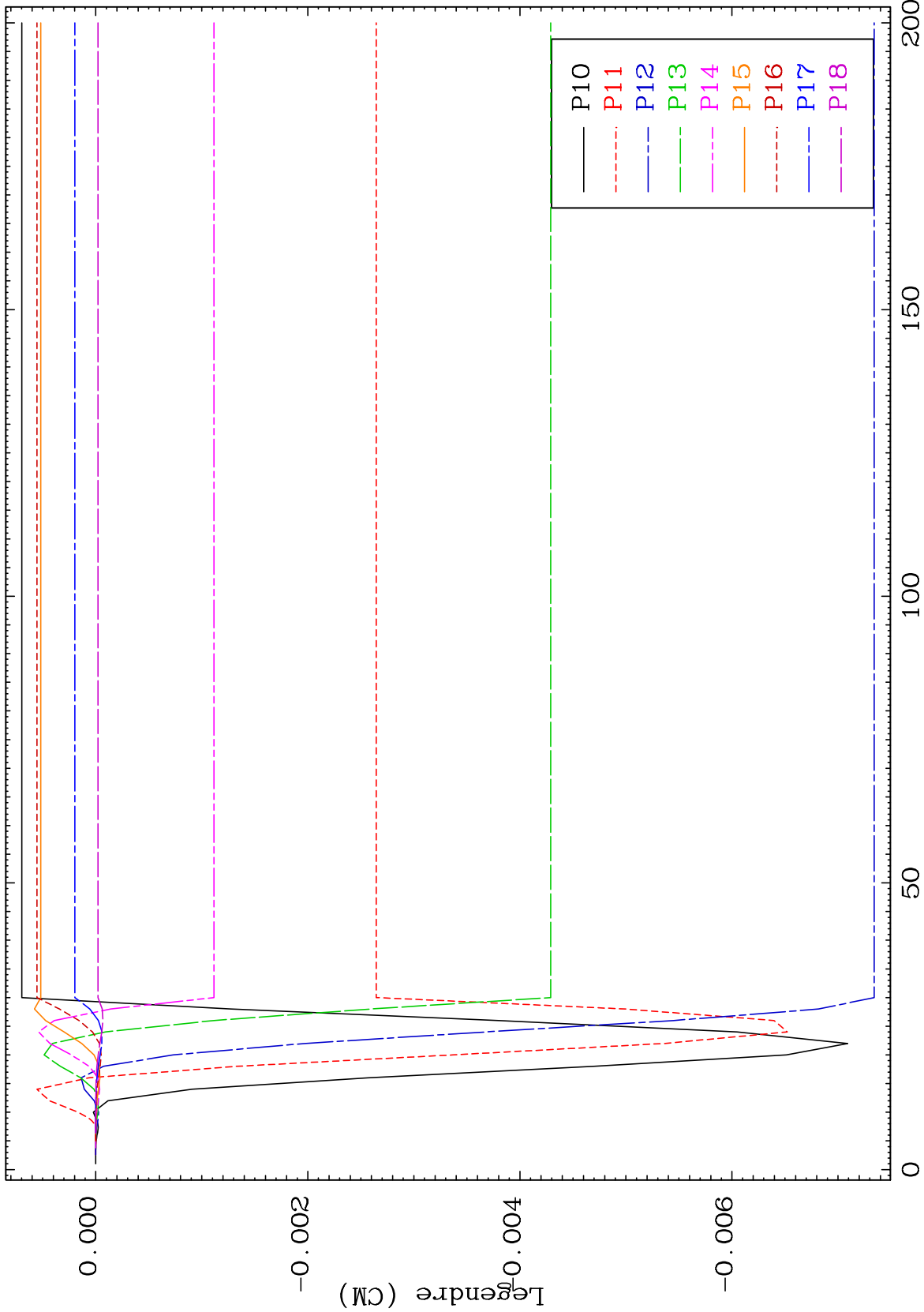


³⁵Br-⁷⁶

MAT 3516

MT= 63 (n,n') Level
Legendre Coefficients

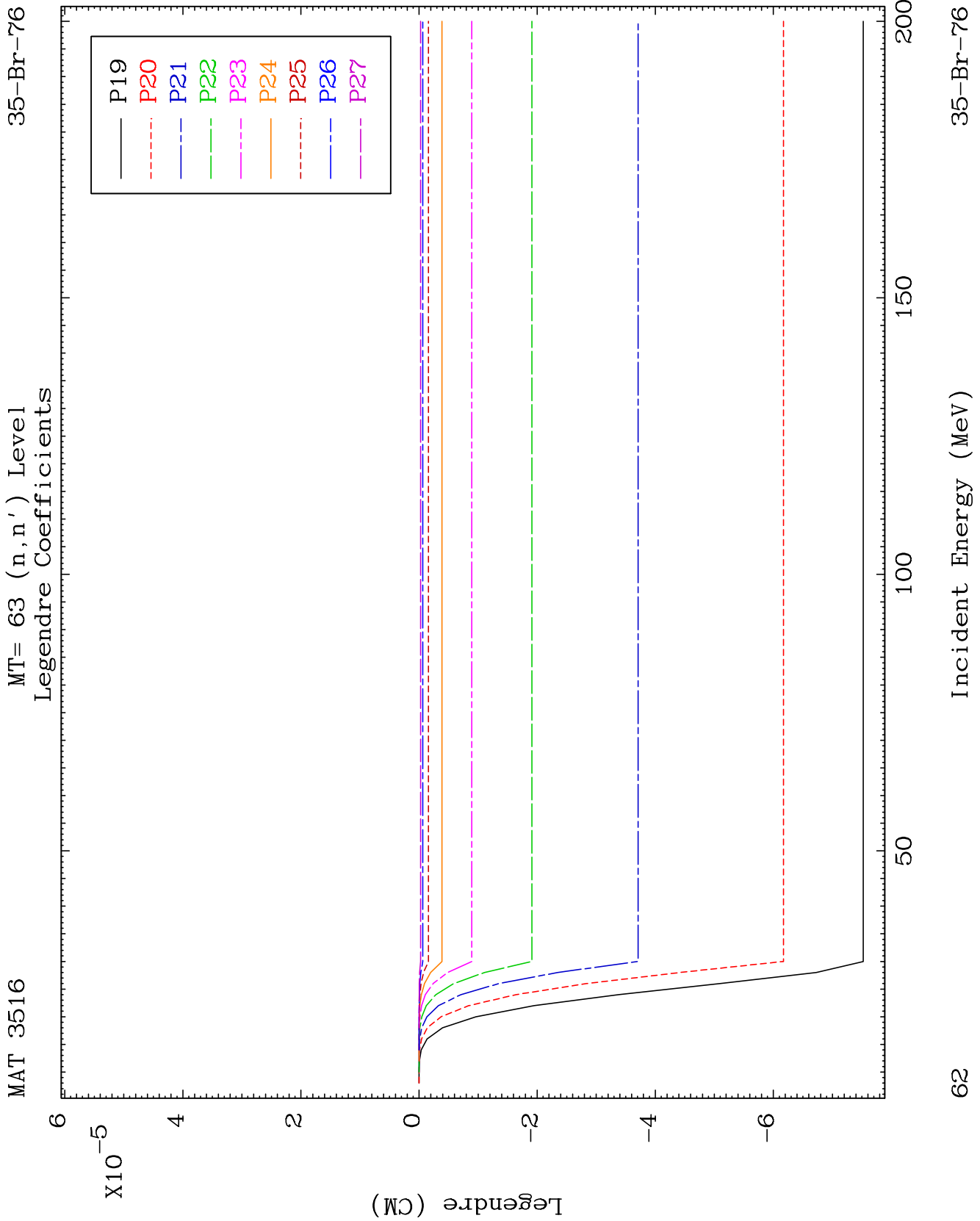
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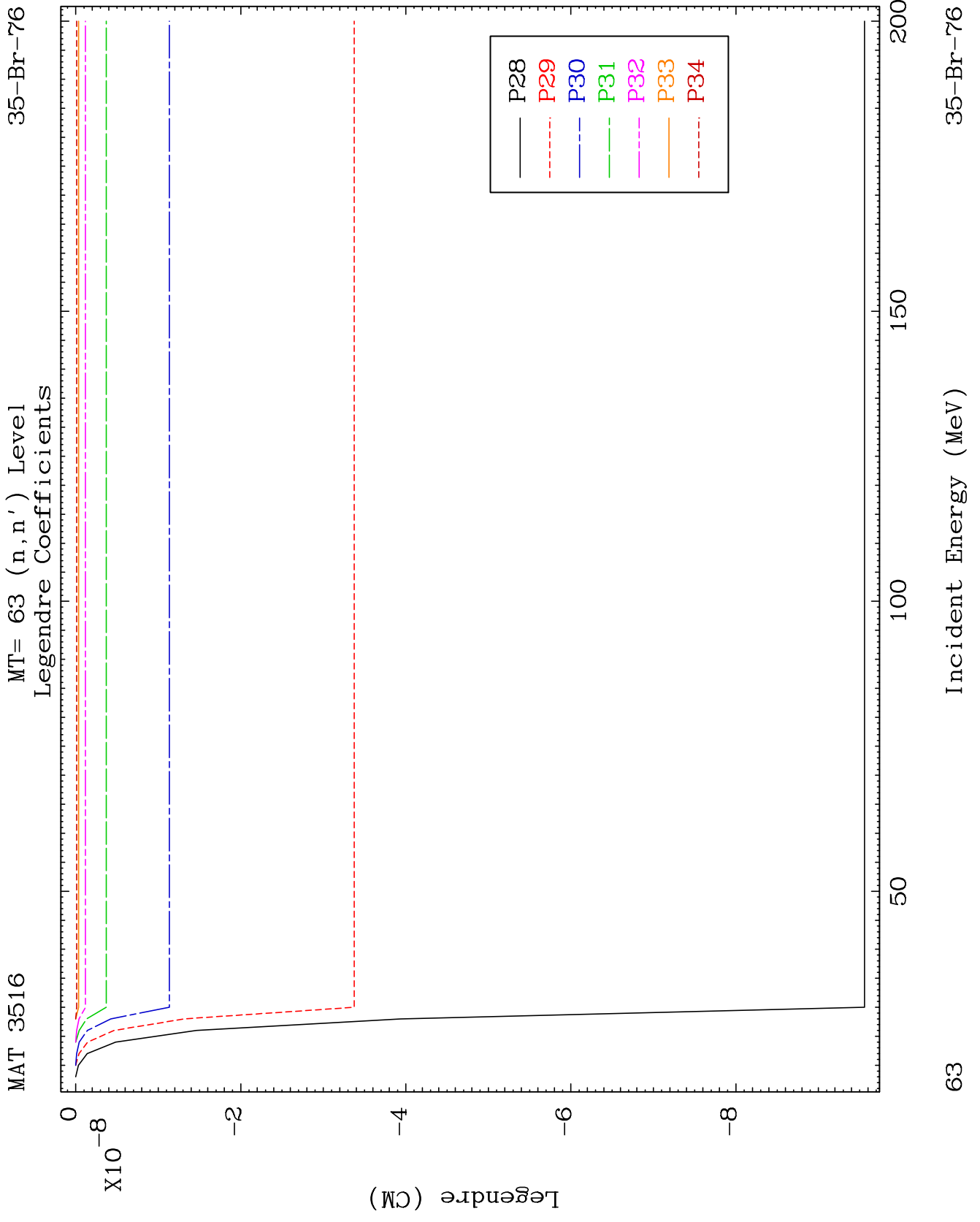


61

Incident Energy (MeV)

35-Br-76

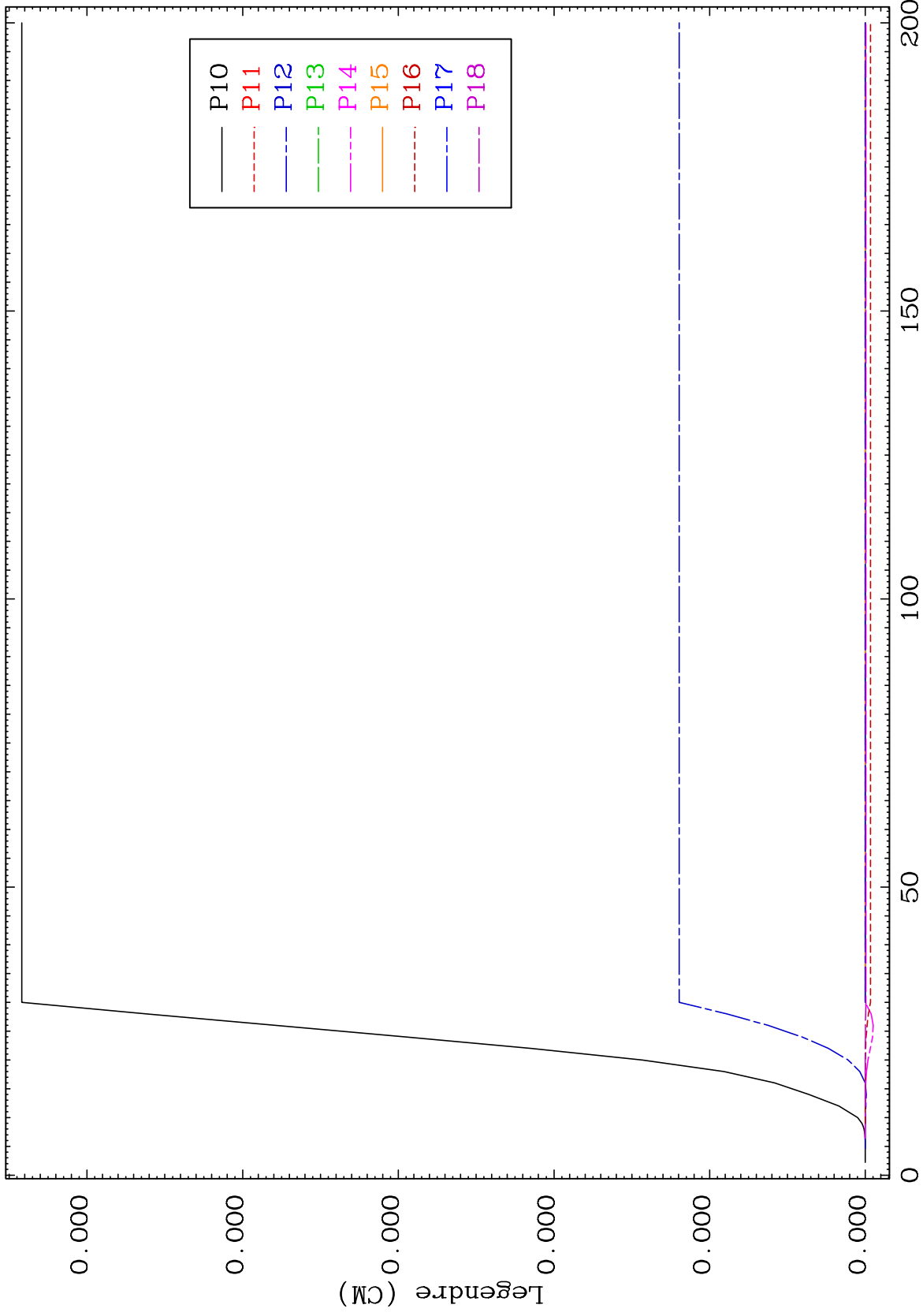




MAT 3516

MT= 64 (n,n') Level
Legendre Coefficients

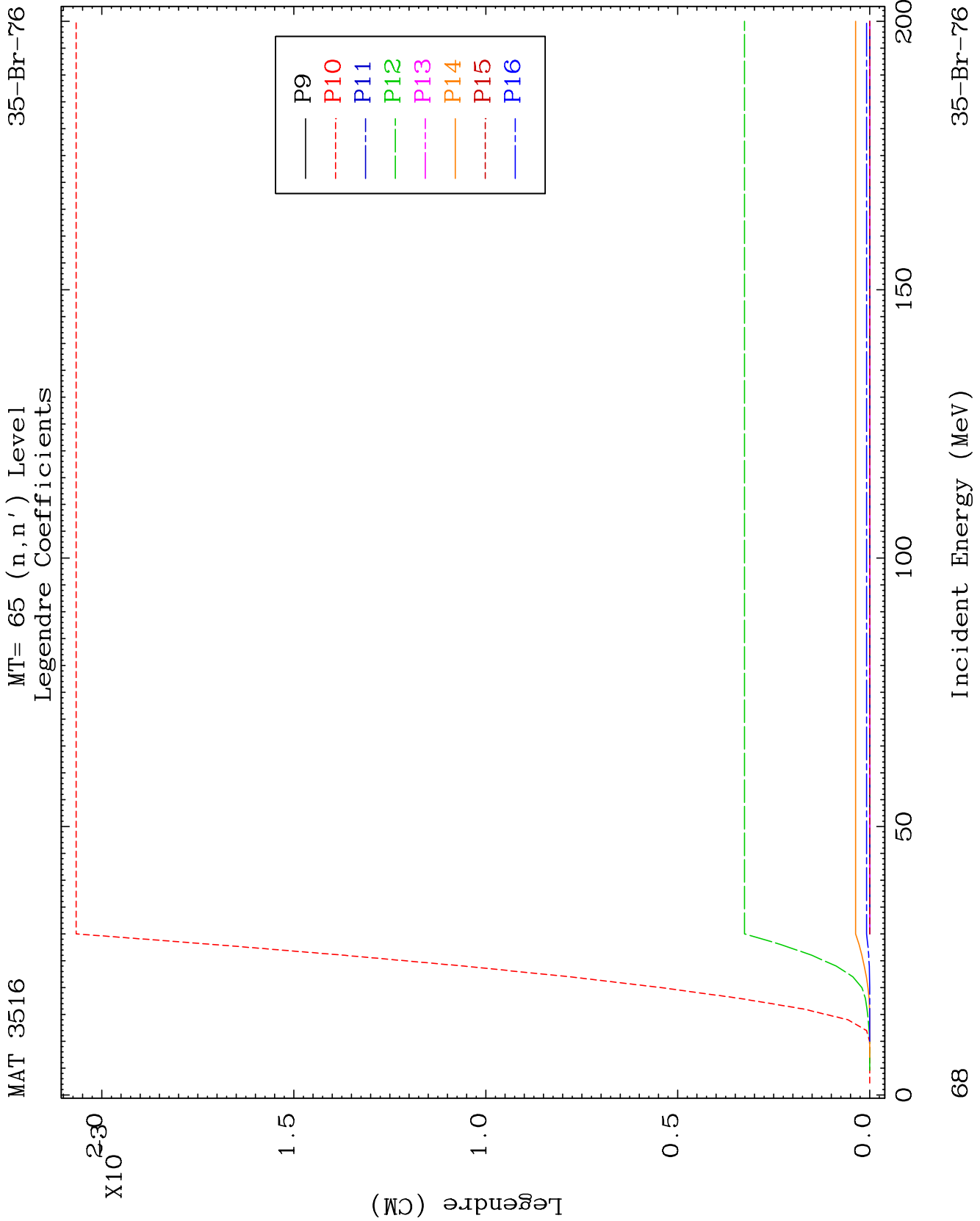
35-Br-76

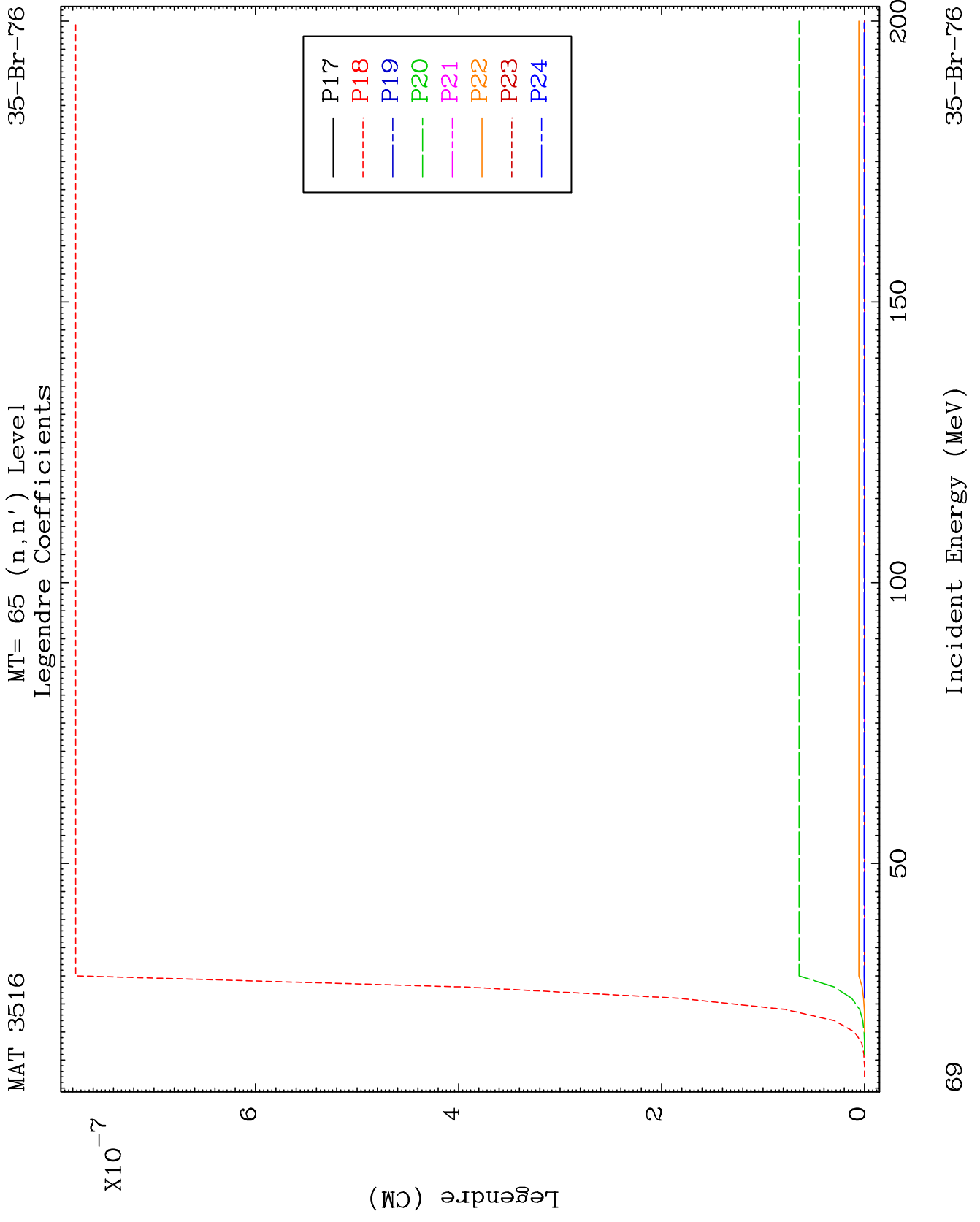


65

Incident Energy (MeV)

35-Br-76

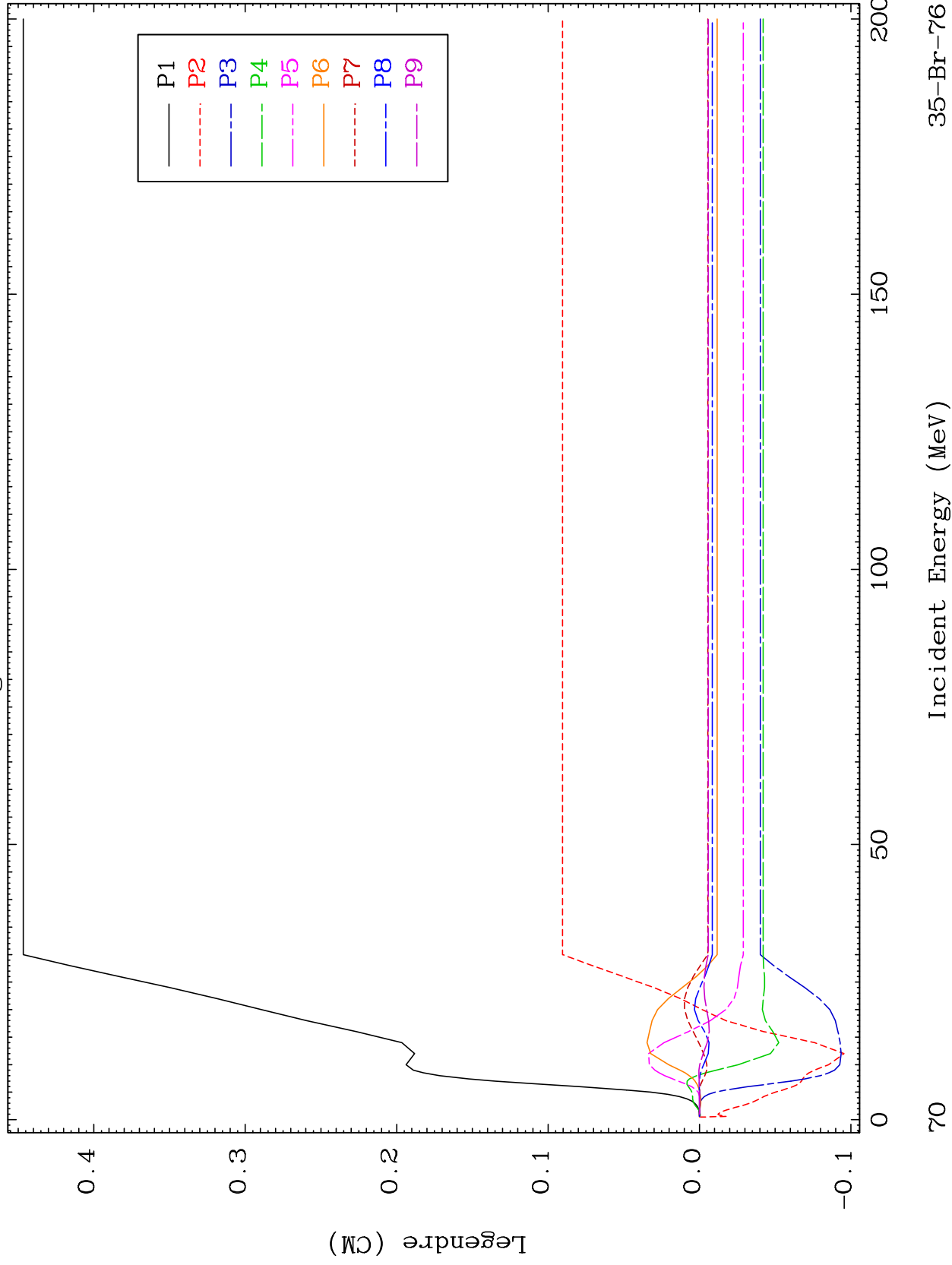




MAT 3516

MT= 66 (n,n') Level
Legendre Coefficients

35-Br-76



35-Br-76

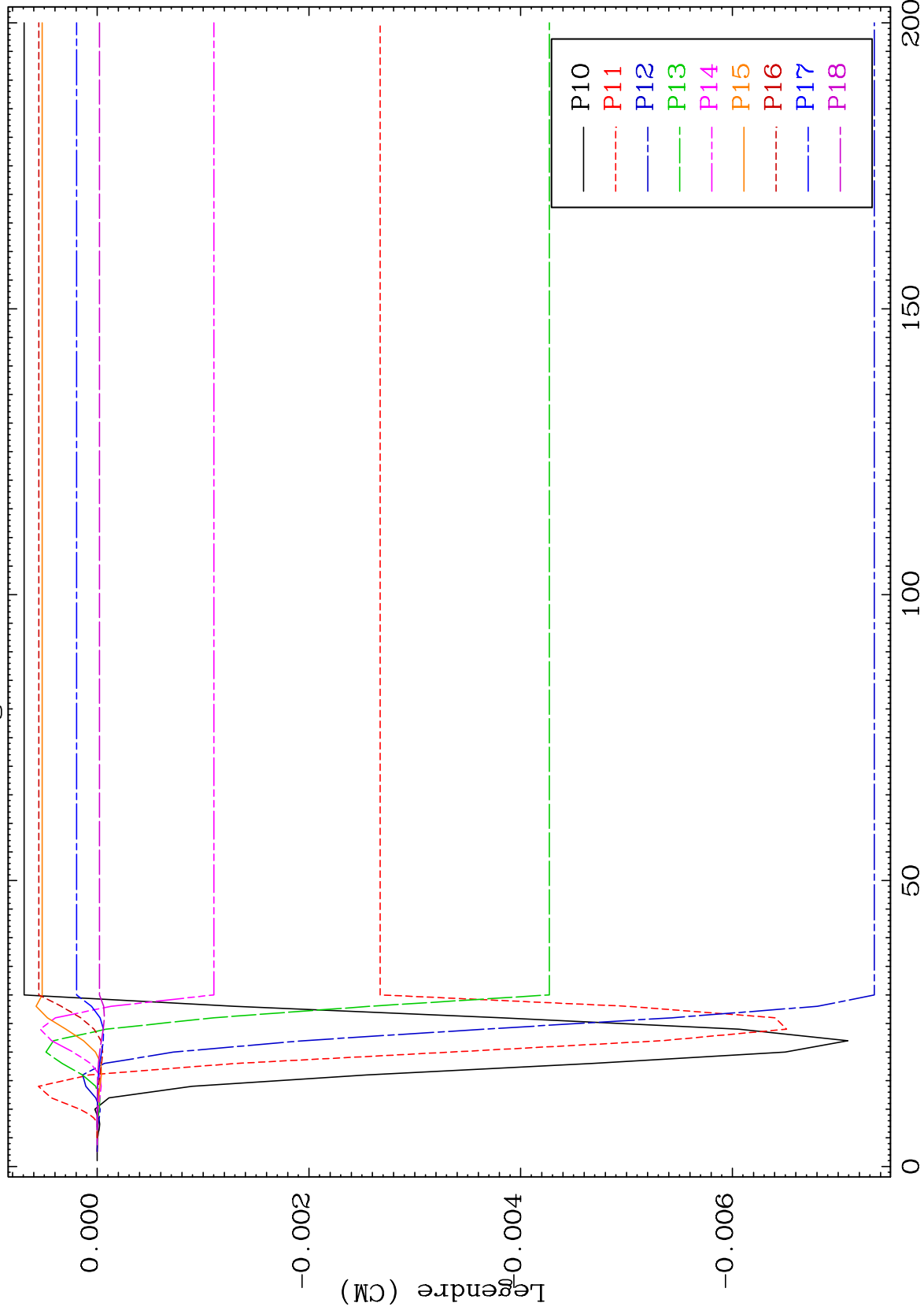
Incident Energy (MeV)

70

MAT 3516

MT= 66 (n,n') Level
Legendre Coefficients

35-Br-76



71

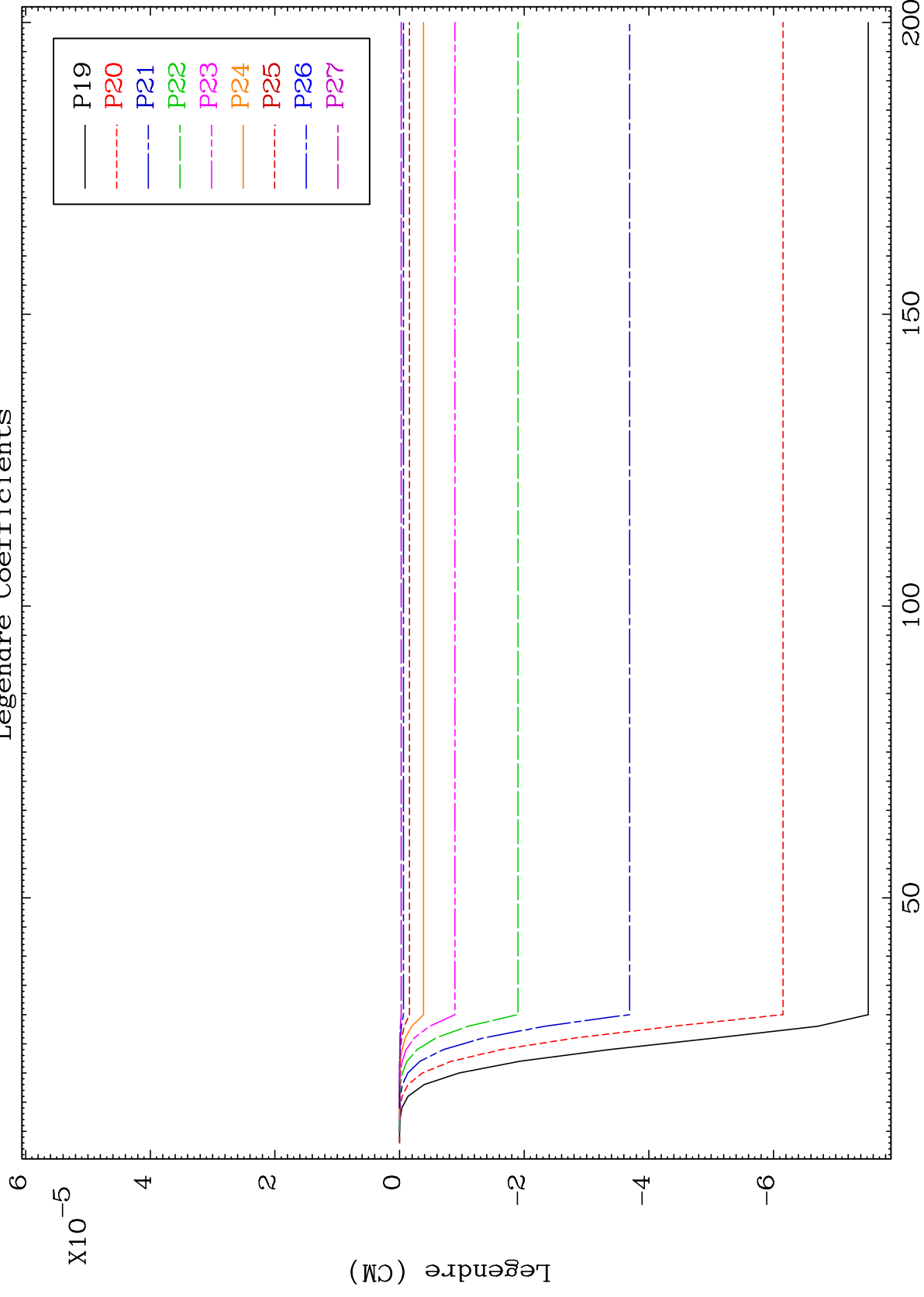
Incident Energy (MeV)

35-Br-76

MAT 3516

MT= 66 (n,n') Level
Legendre Coefficients

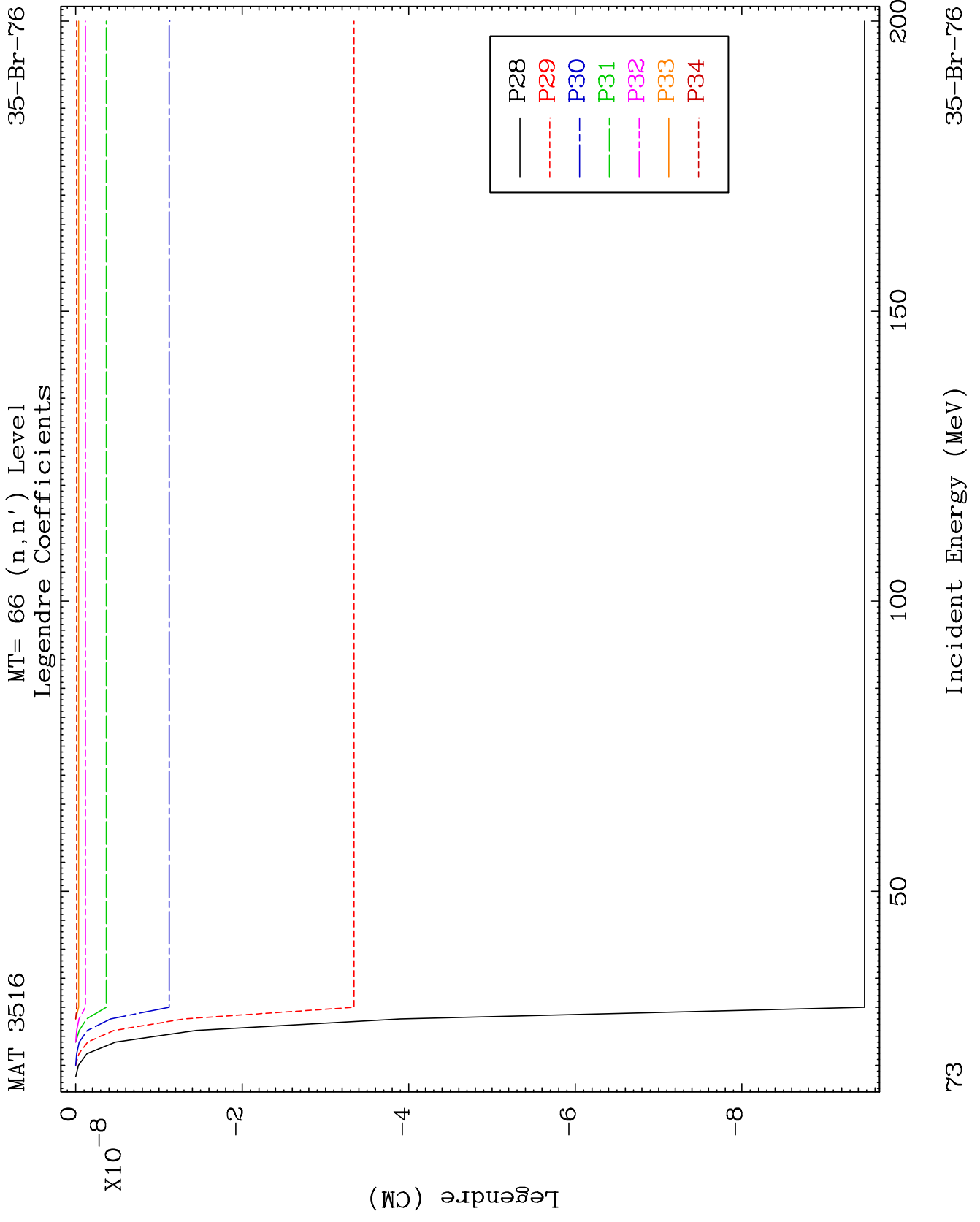
35-Br-76

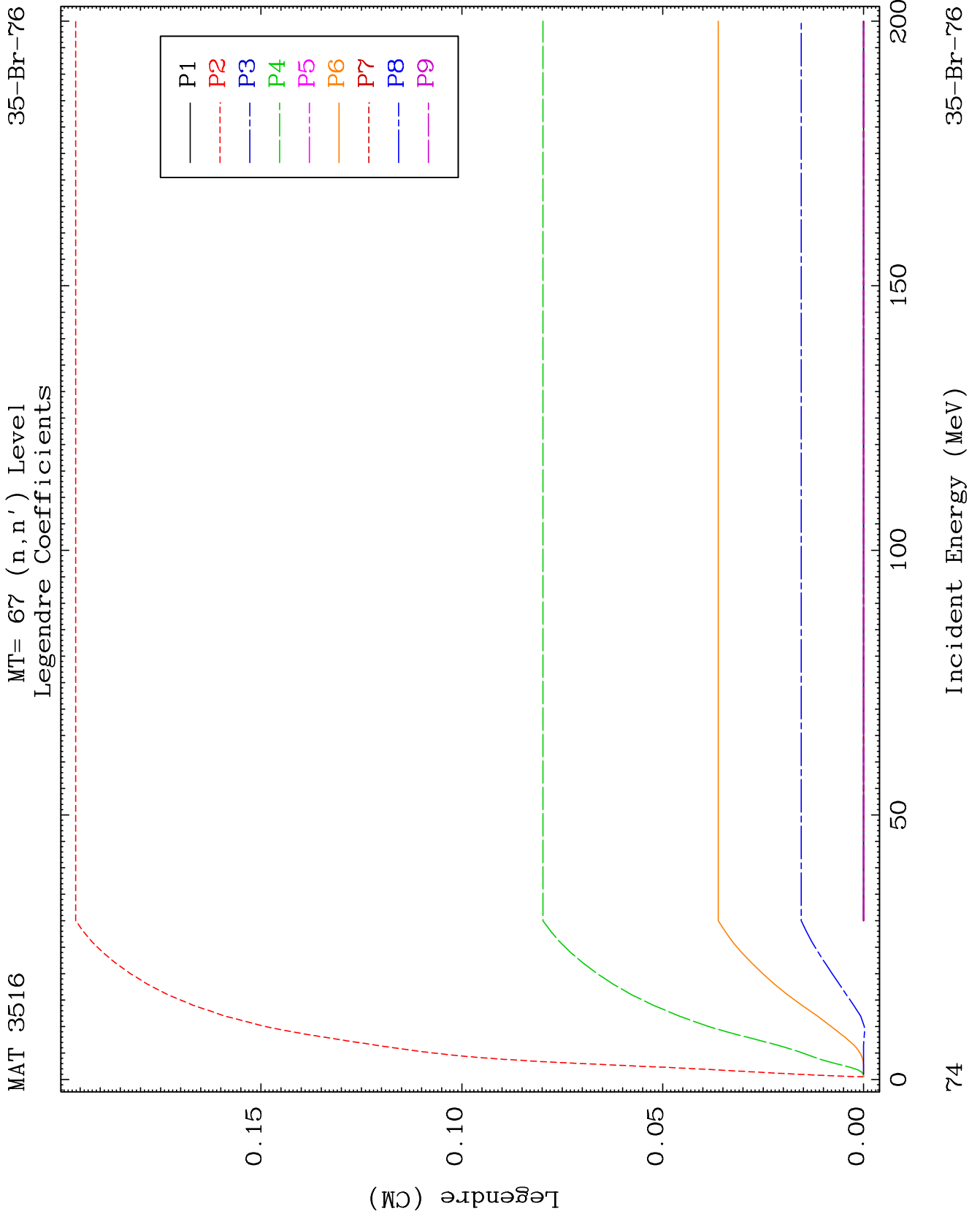


72

Incident Energy (MeV)

35-Br-76

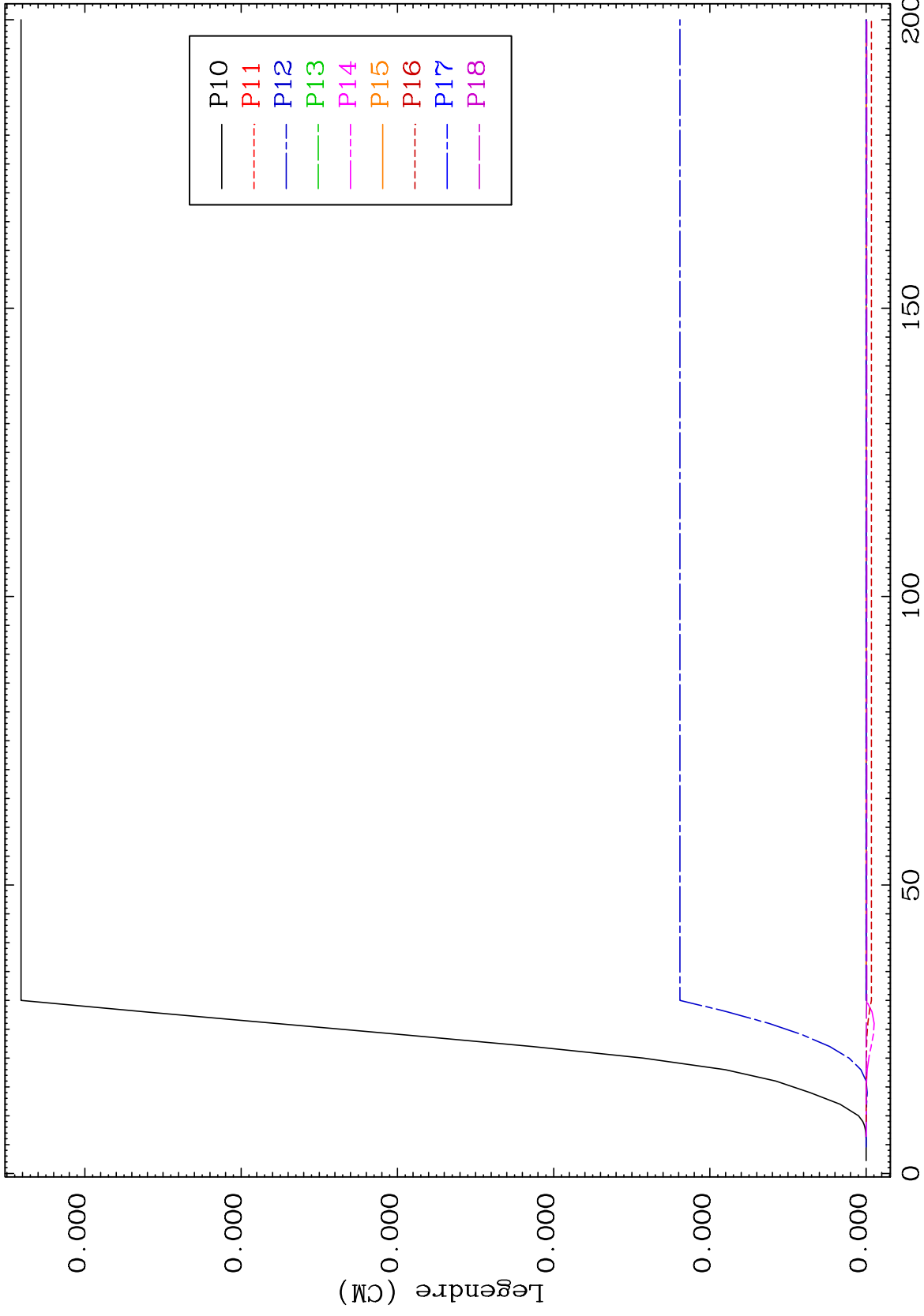




MAT 3516

MT= 67 (n,n') Level
Legendre Coefficients

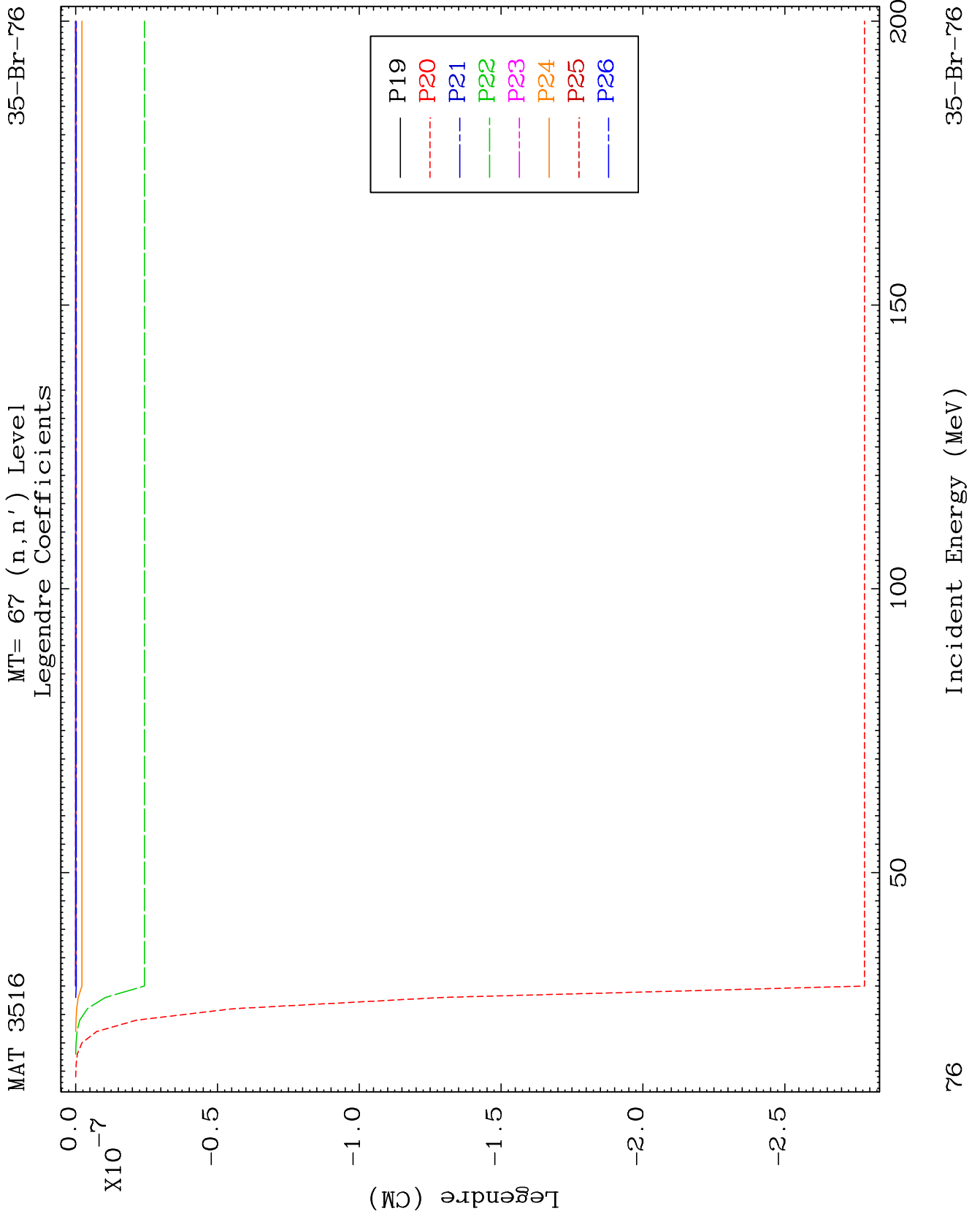
35-Br-76

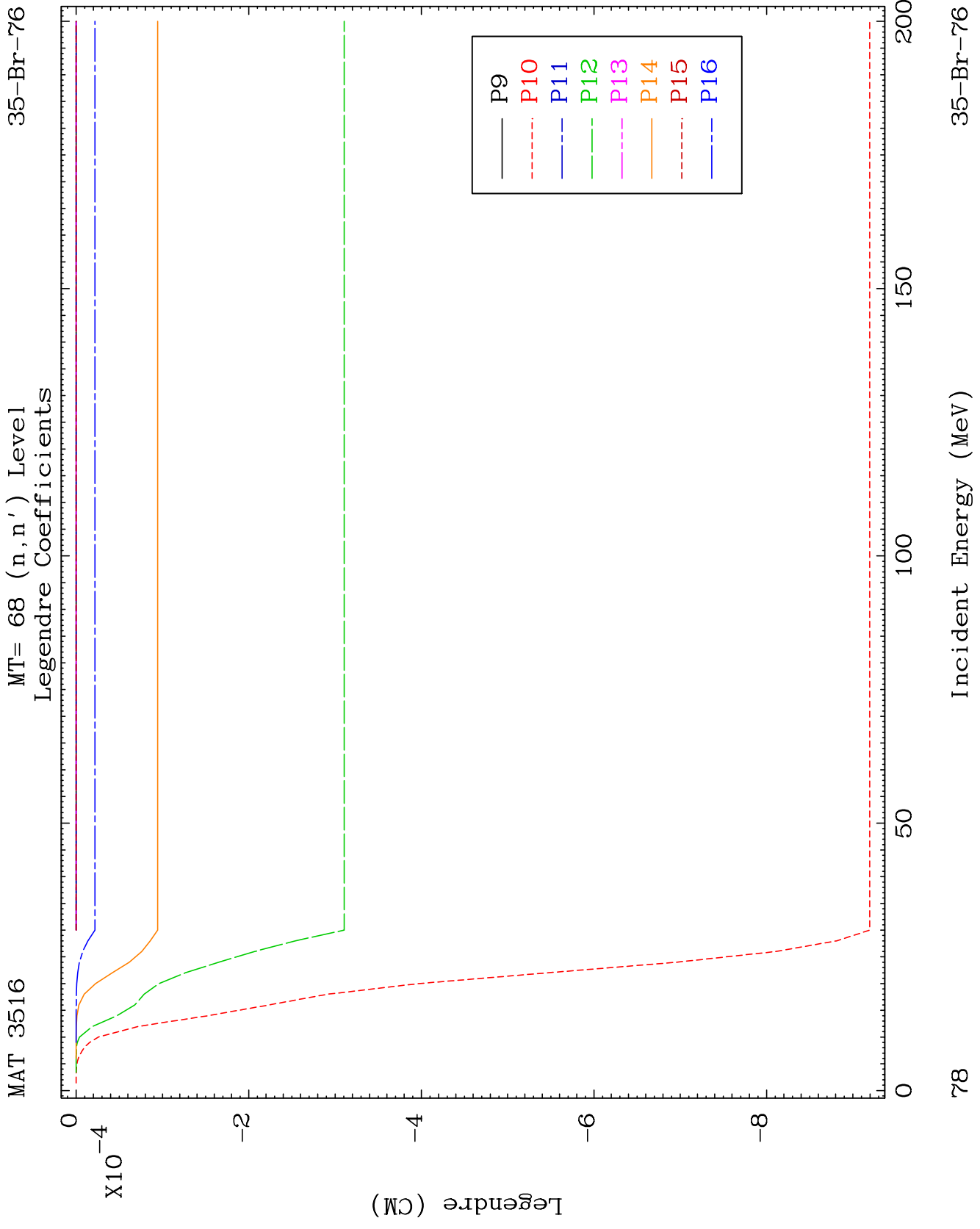


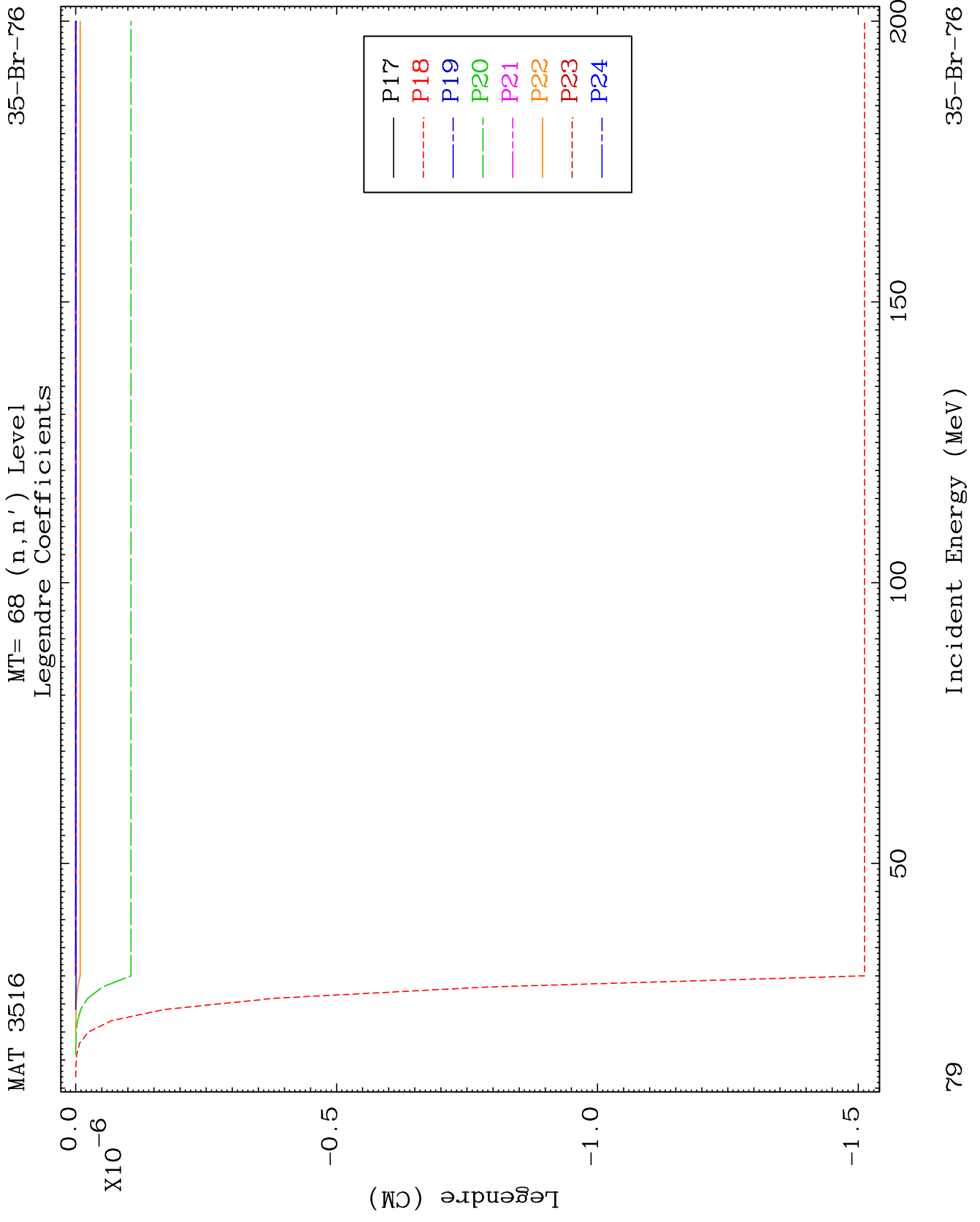
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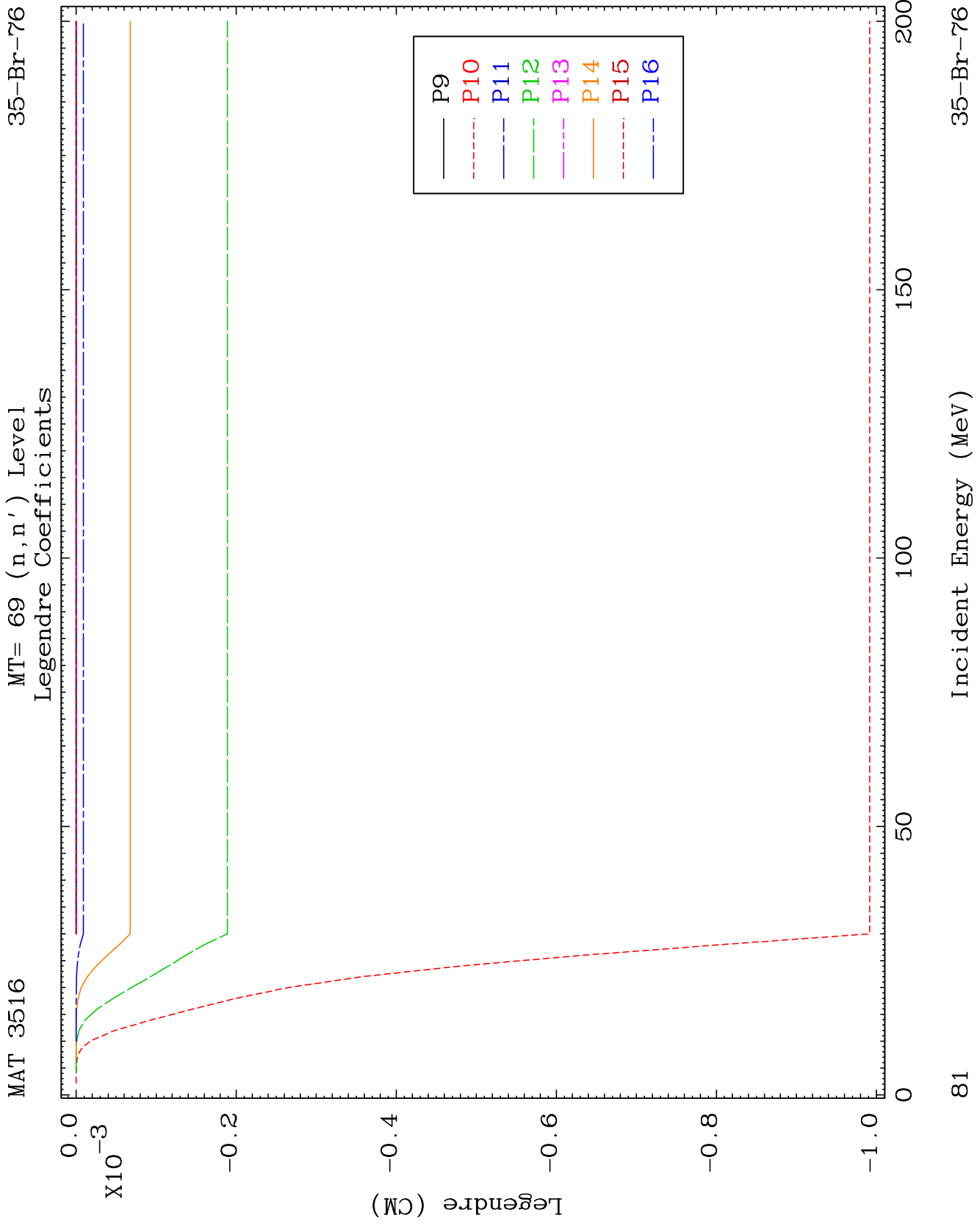
Incident Energy (MeV)

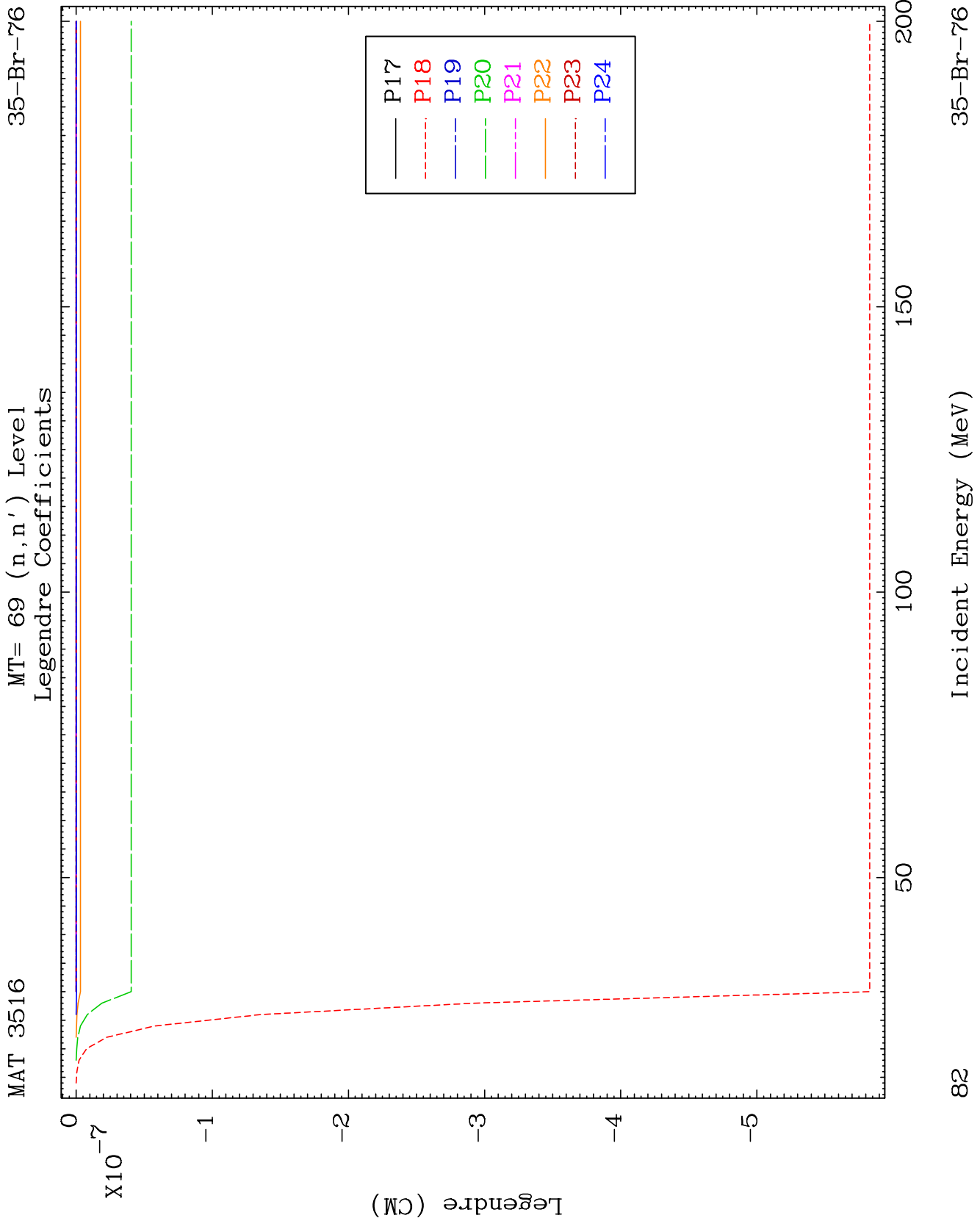
35-Br-76

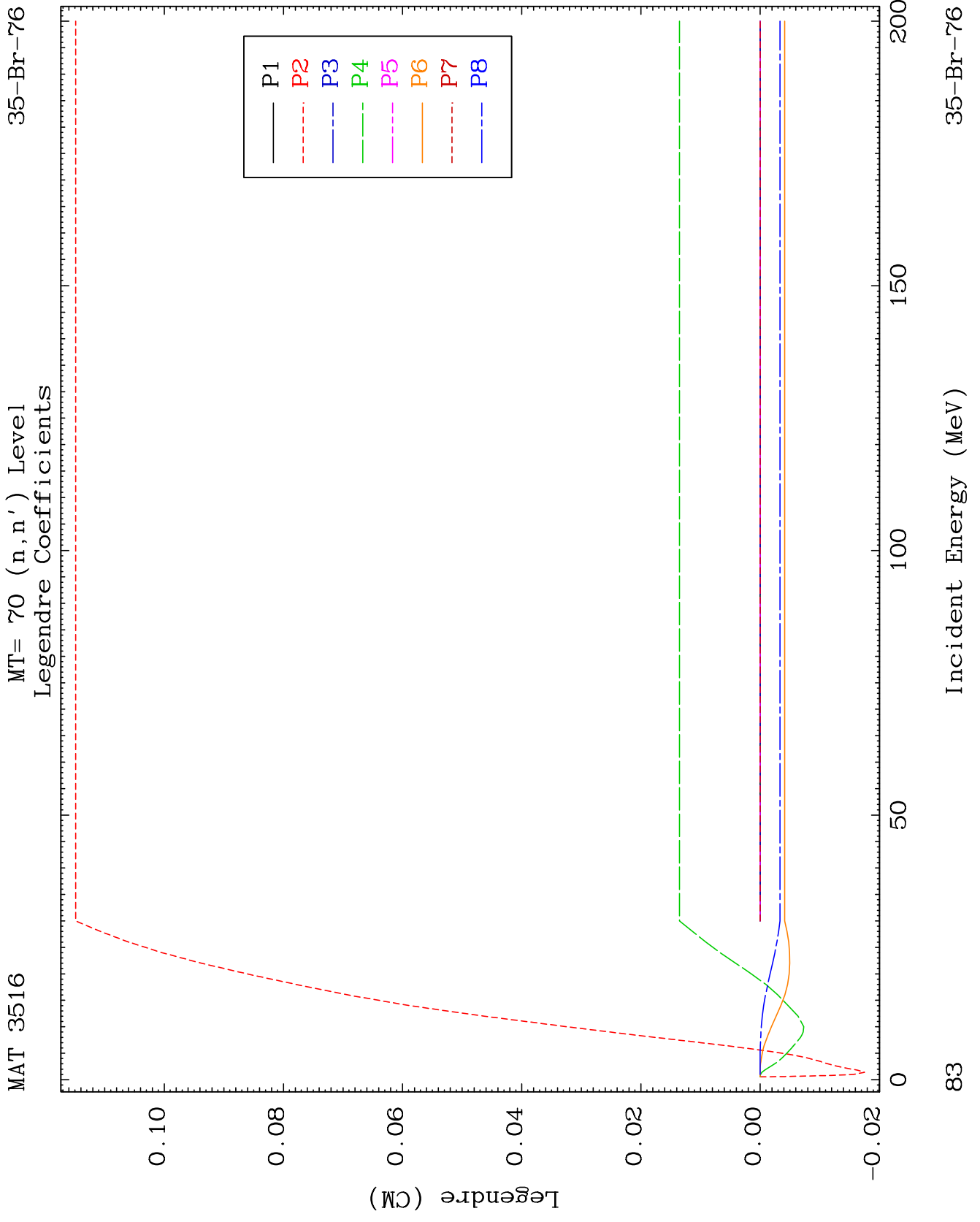


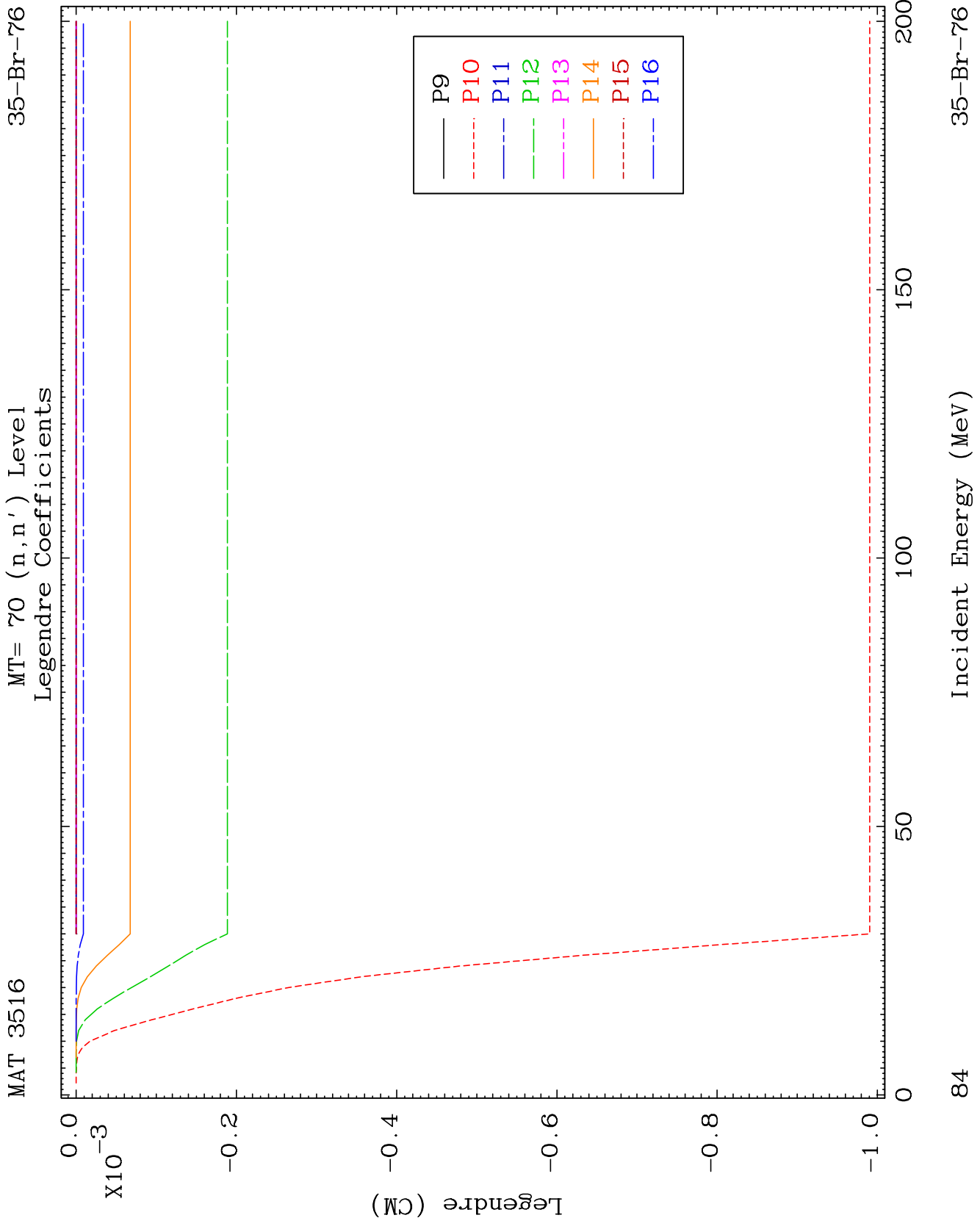


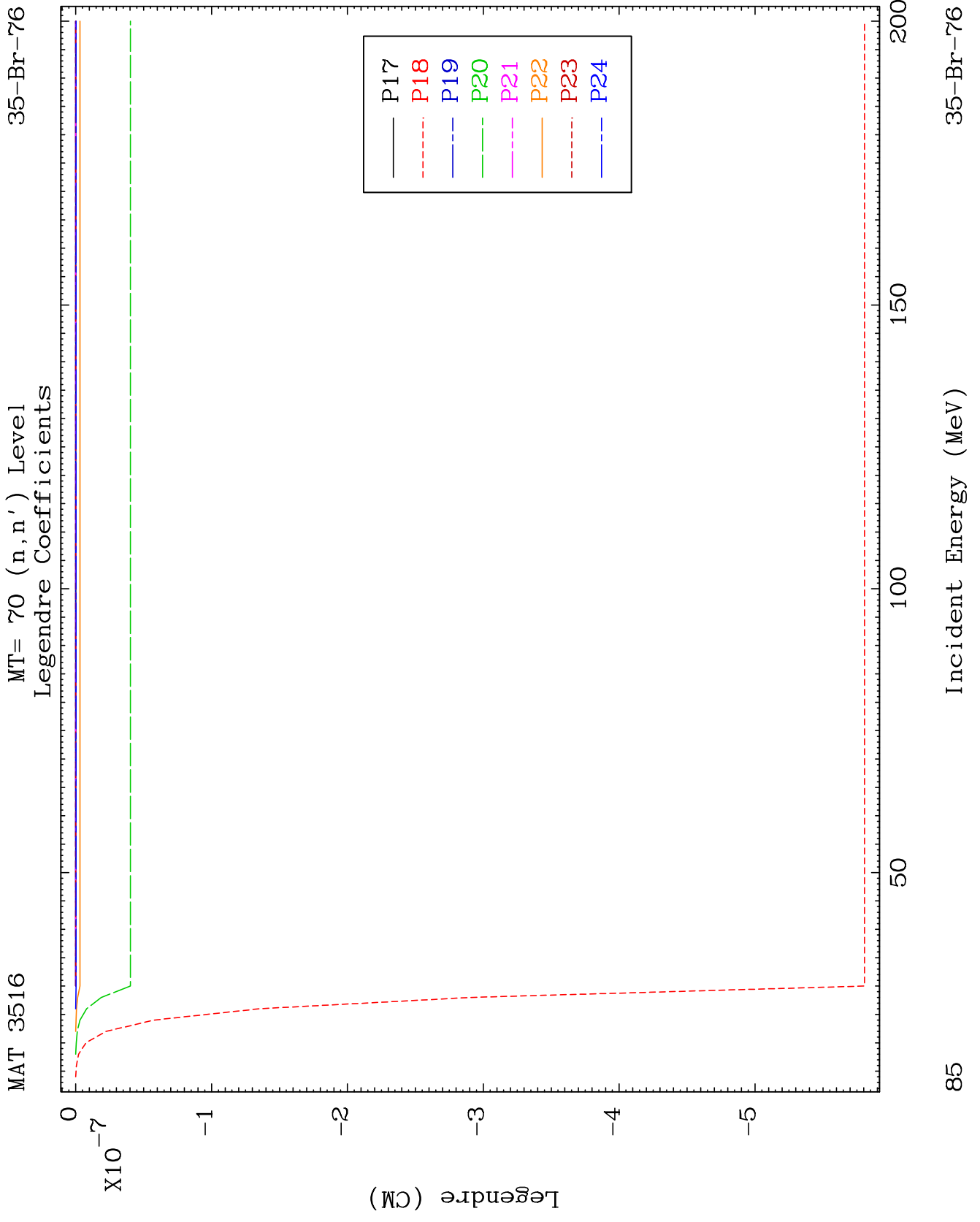


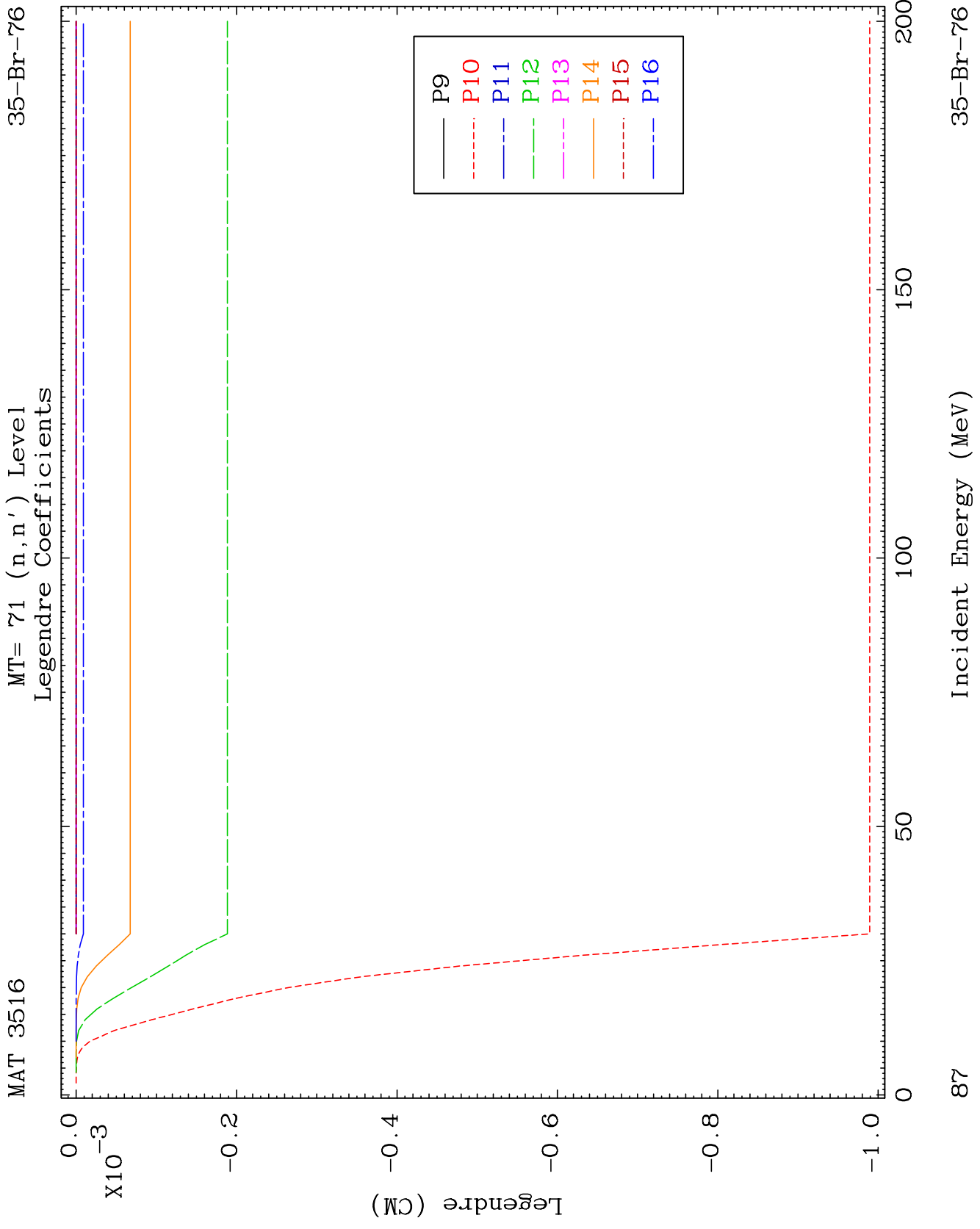


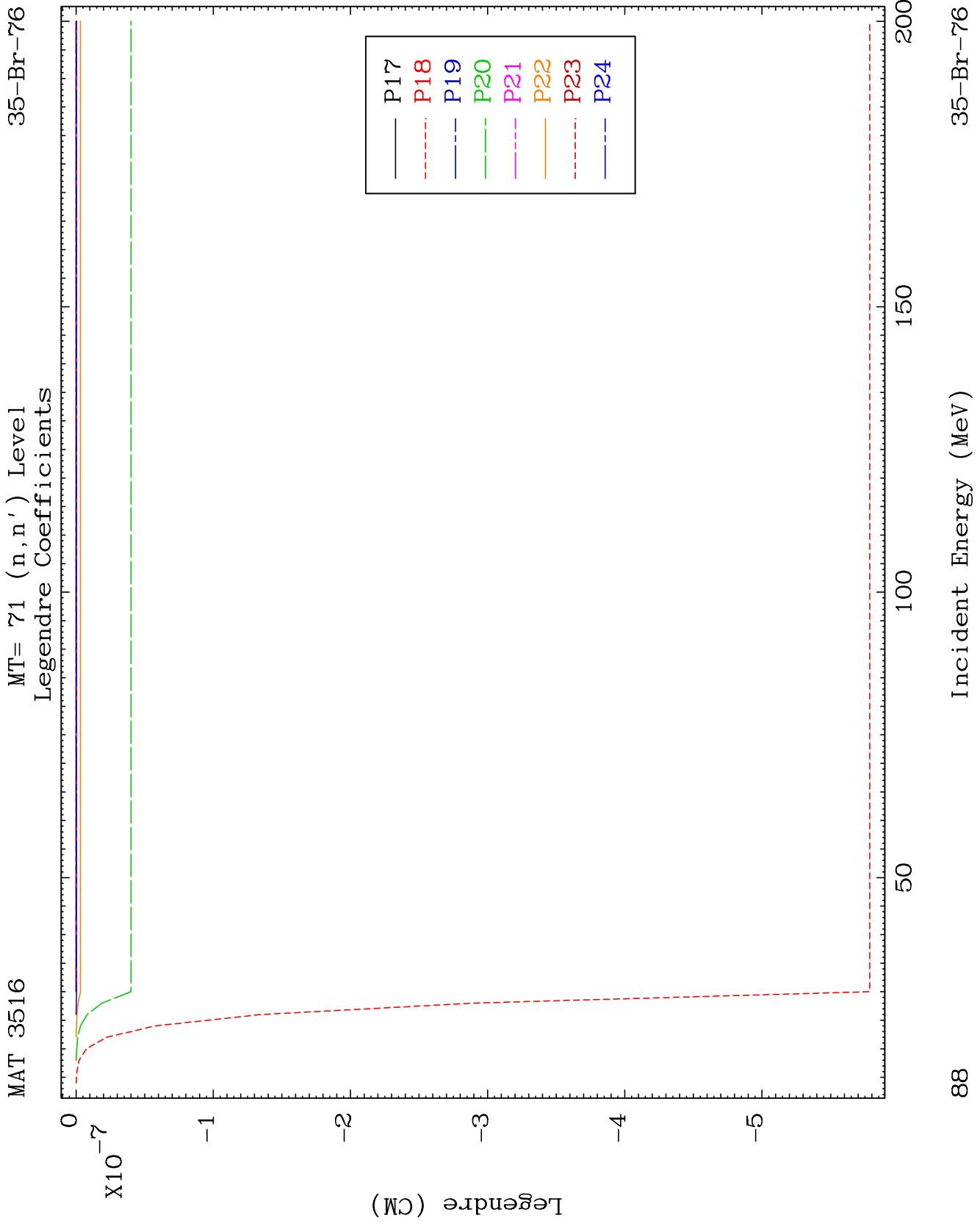








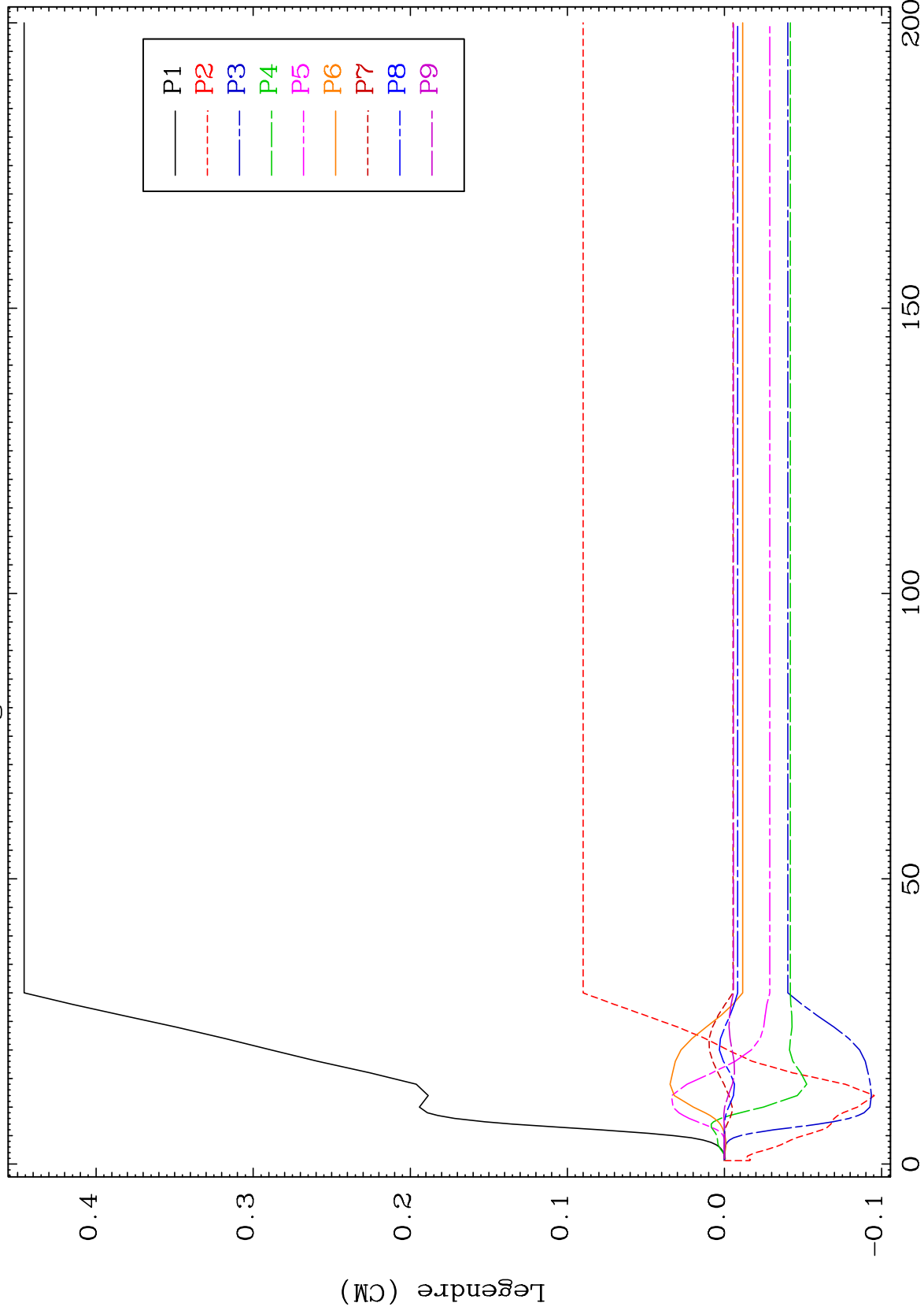




MAT 3516

MT= 72 (n,n') Level
Legendre Coefficients

35-Br-76



89

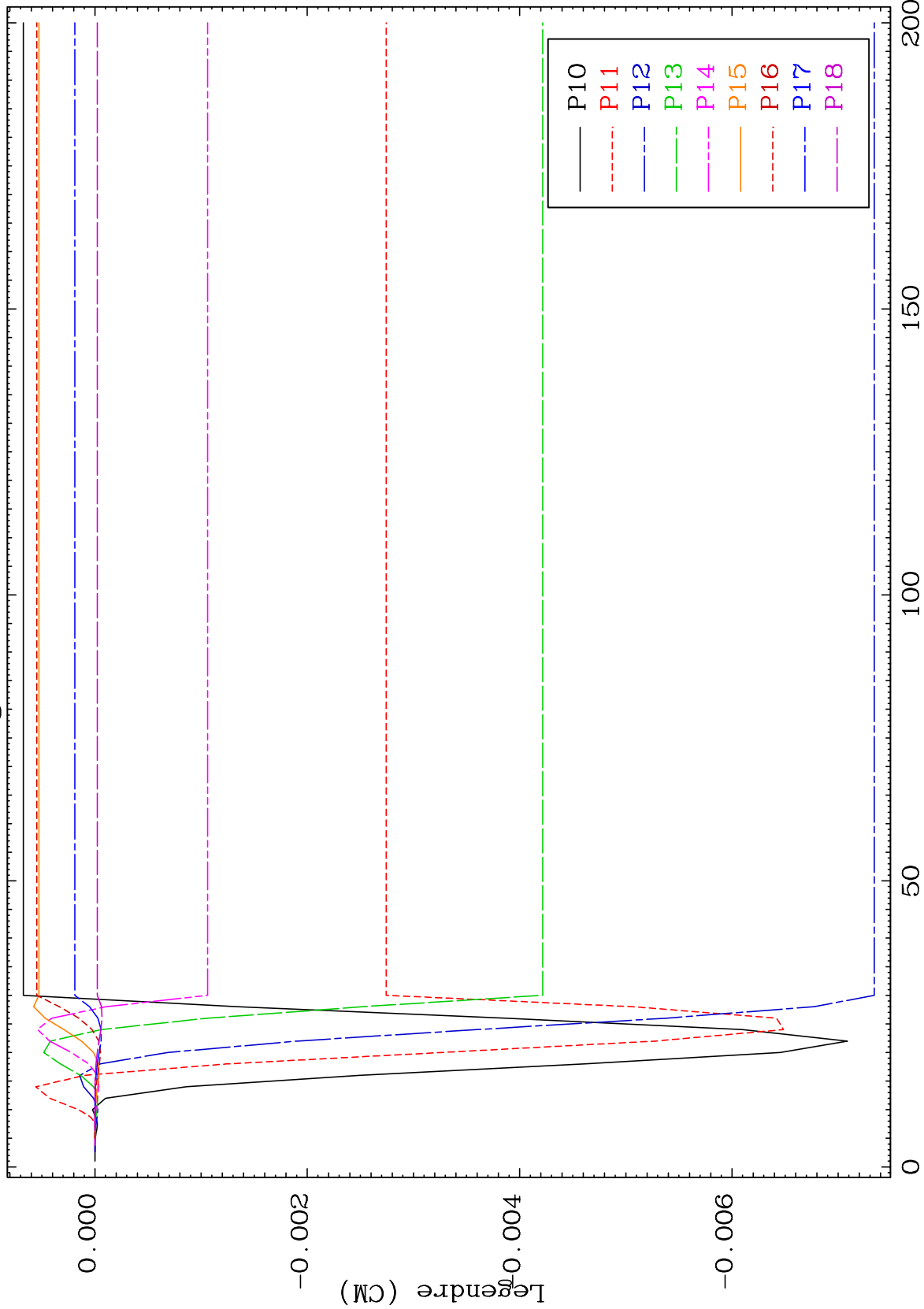
Incident Energy (MeV)

35-Br-76

MAT 3516

MT= 72 (n,n') Level
Legendre Coefficients

35-Br-76



90

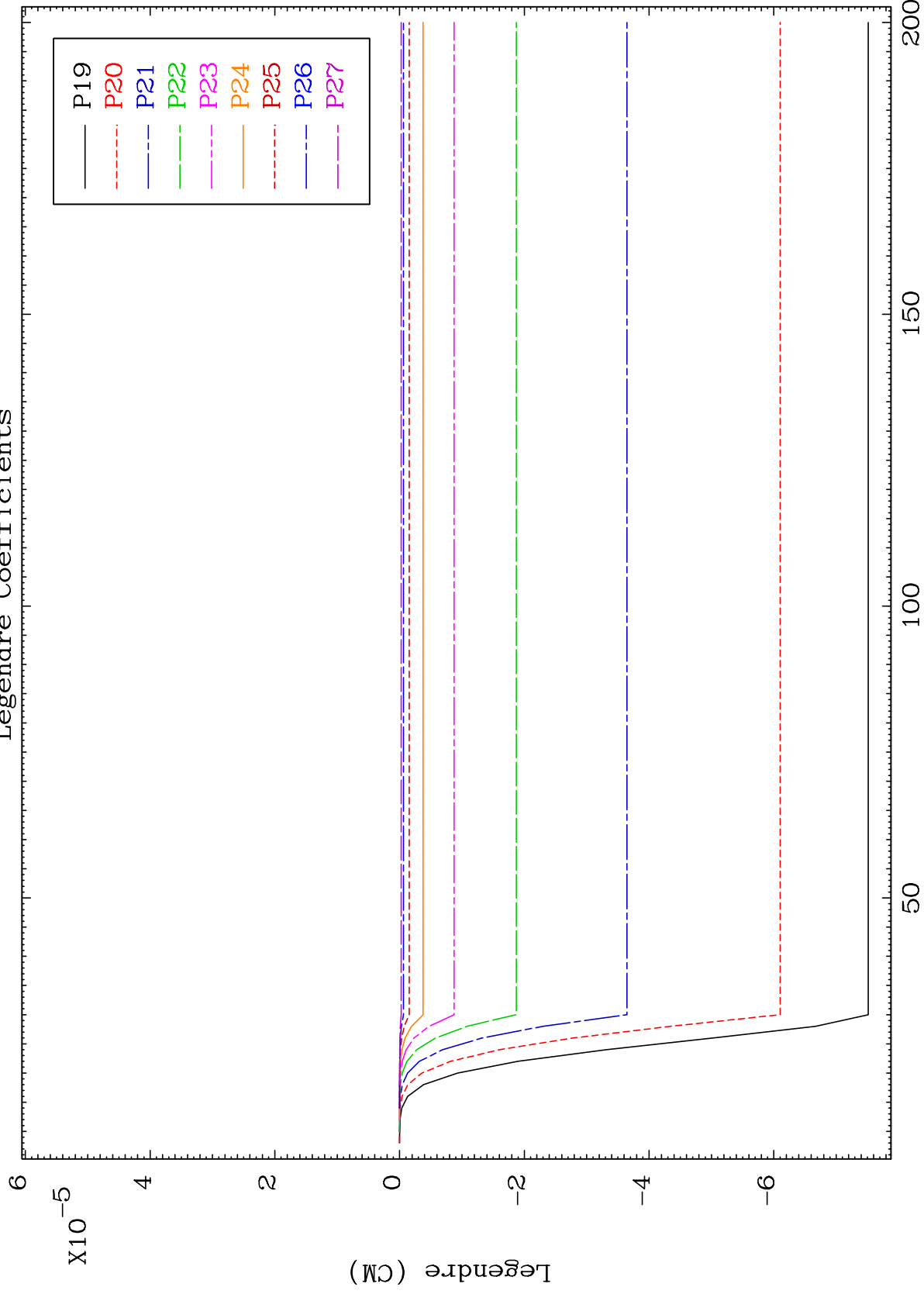
Incident Energy (MeV)

35-Br-76

MAT 3516

MT= 72 (n,n') Level
Legendre Coefficients

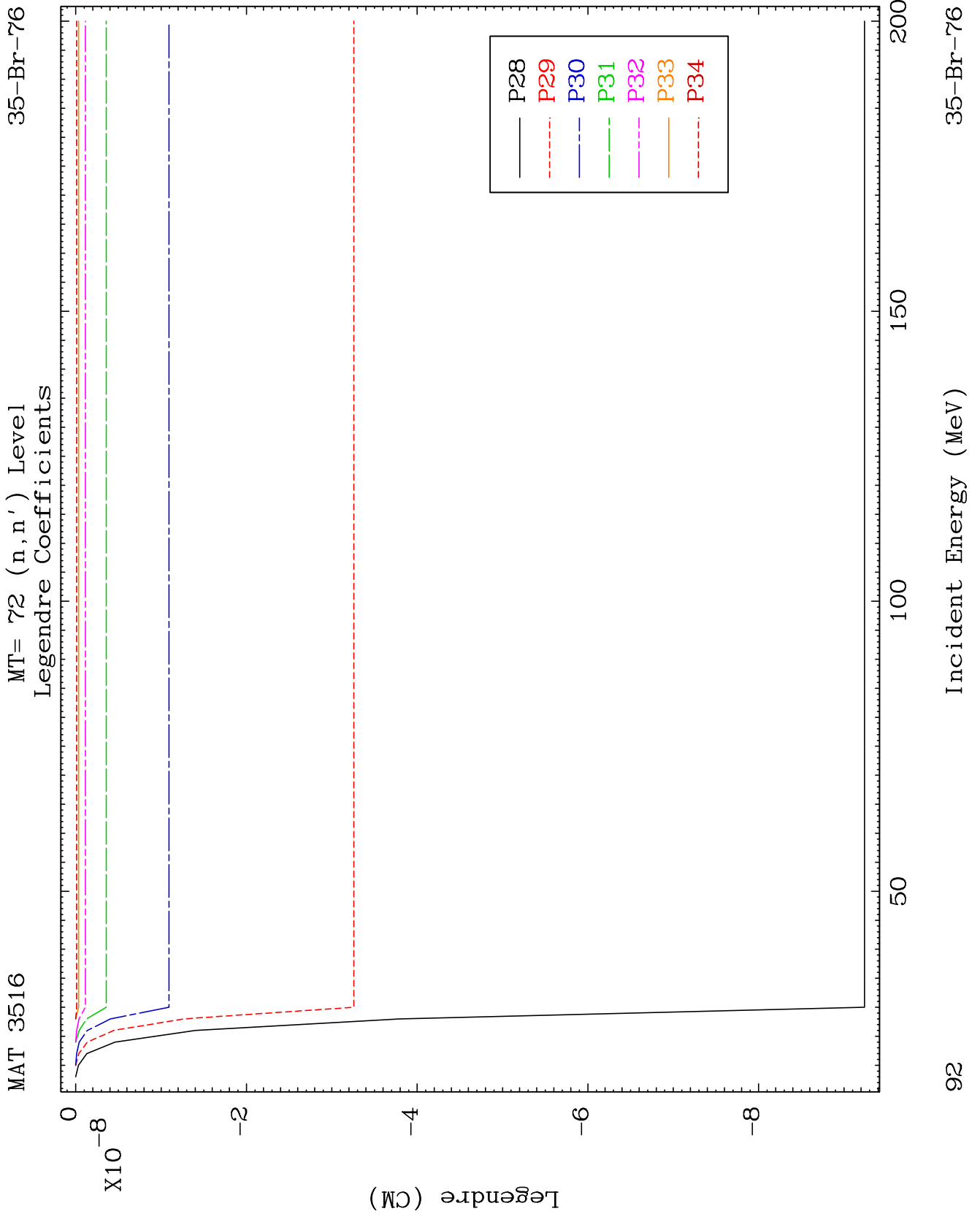
35-Br-76



91

Incident Energy (MeV)

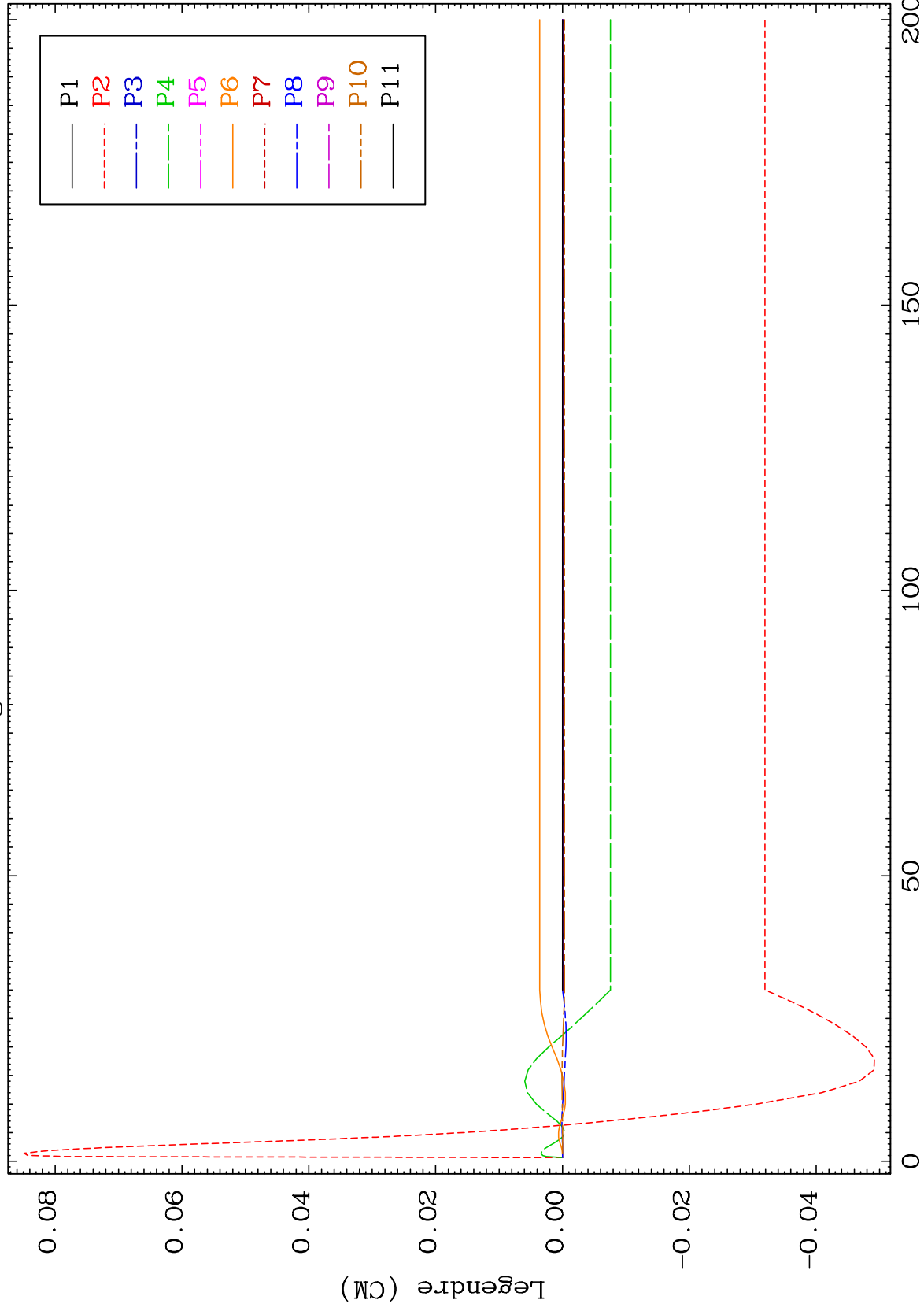
35-Br-76



MAT 3516

MT= 73 (n,n') Level
Legendre Coefficients

35-Br-76



93

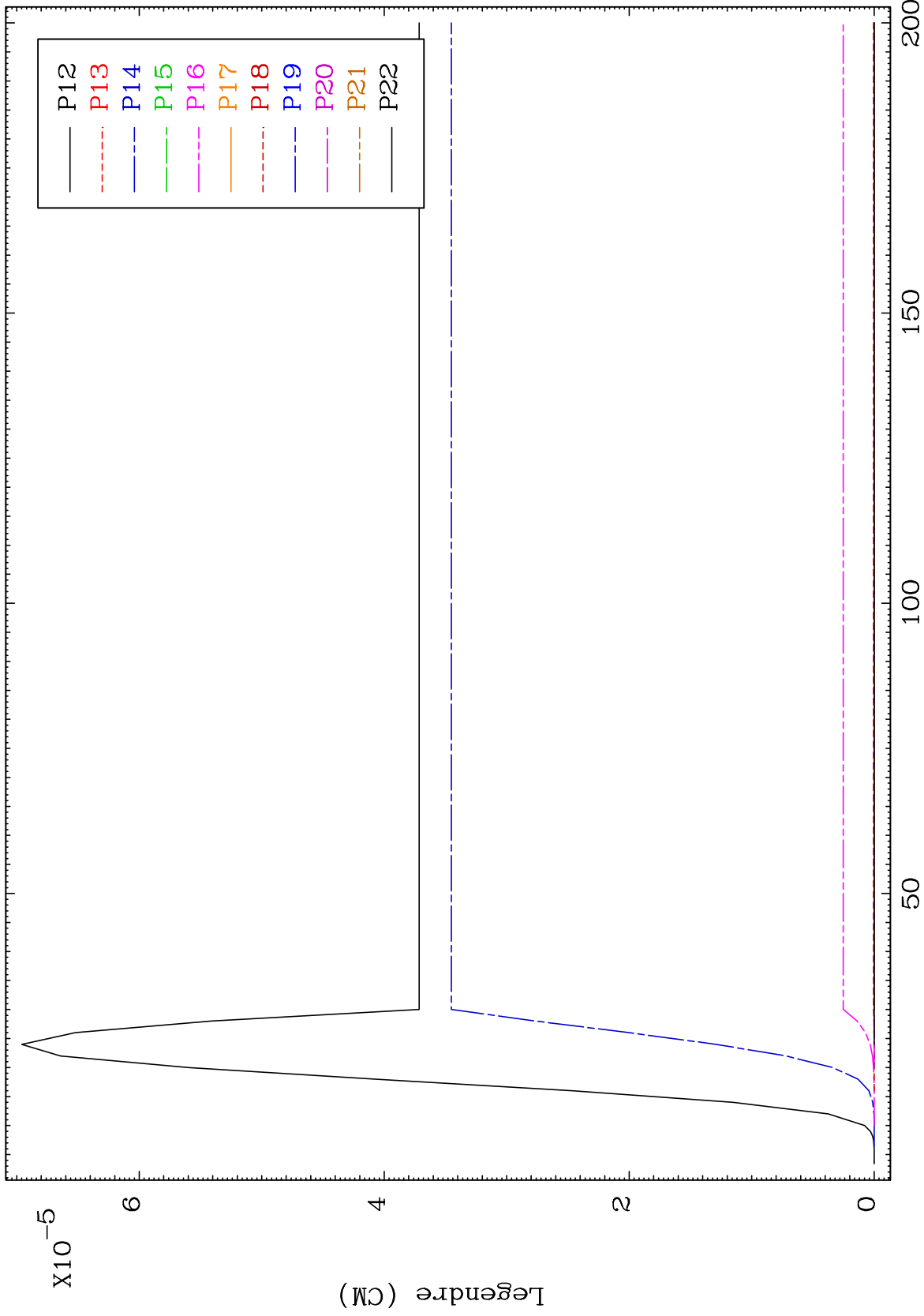
Incident Energy (MeV)

35-Br-76

MAT 3516

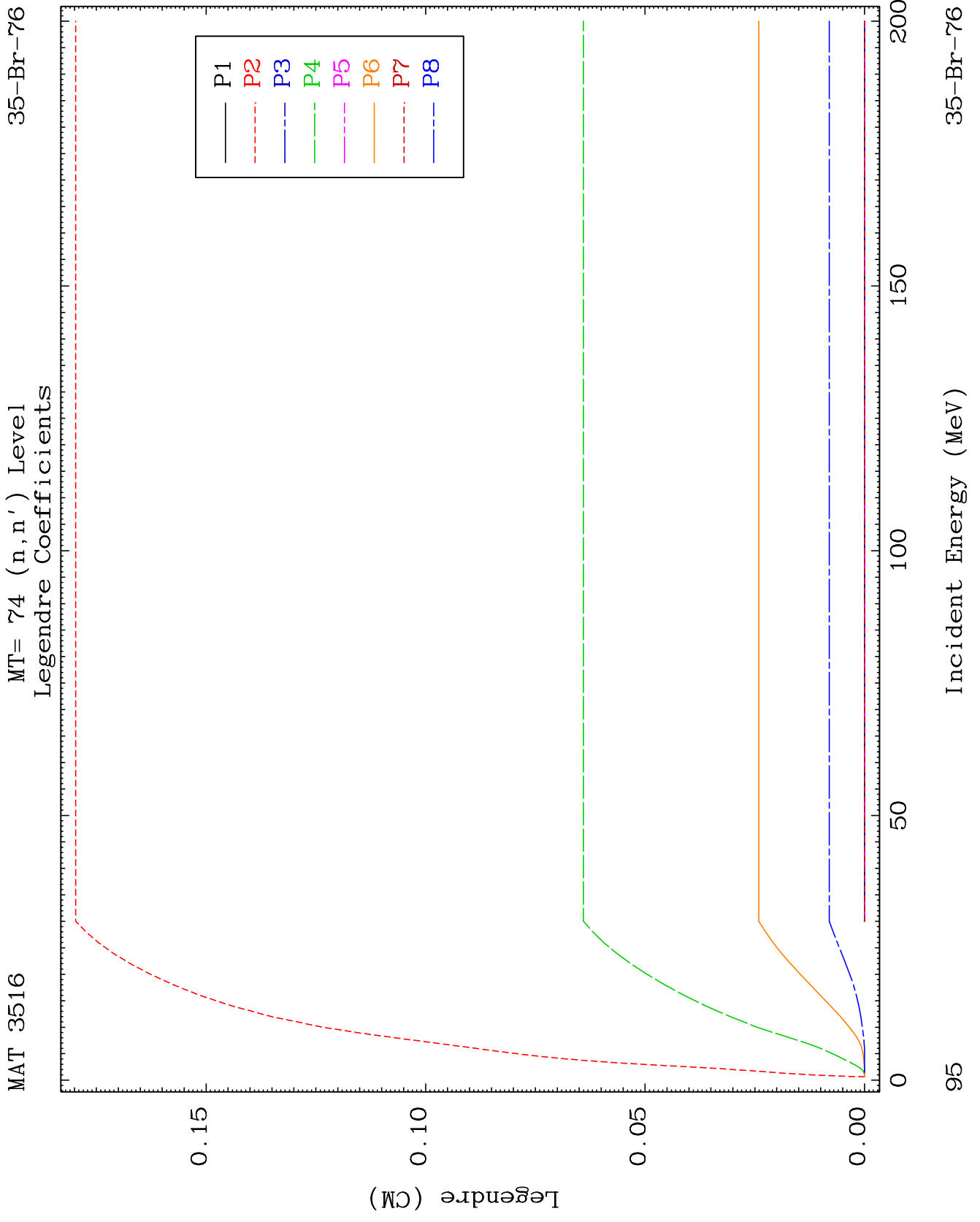
MT= 73 (n,n') Level
Legendre Coefficients

35-Br-76



94

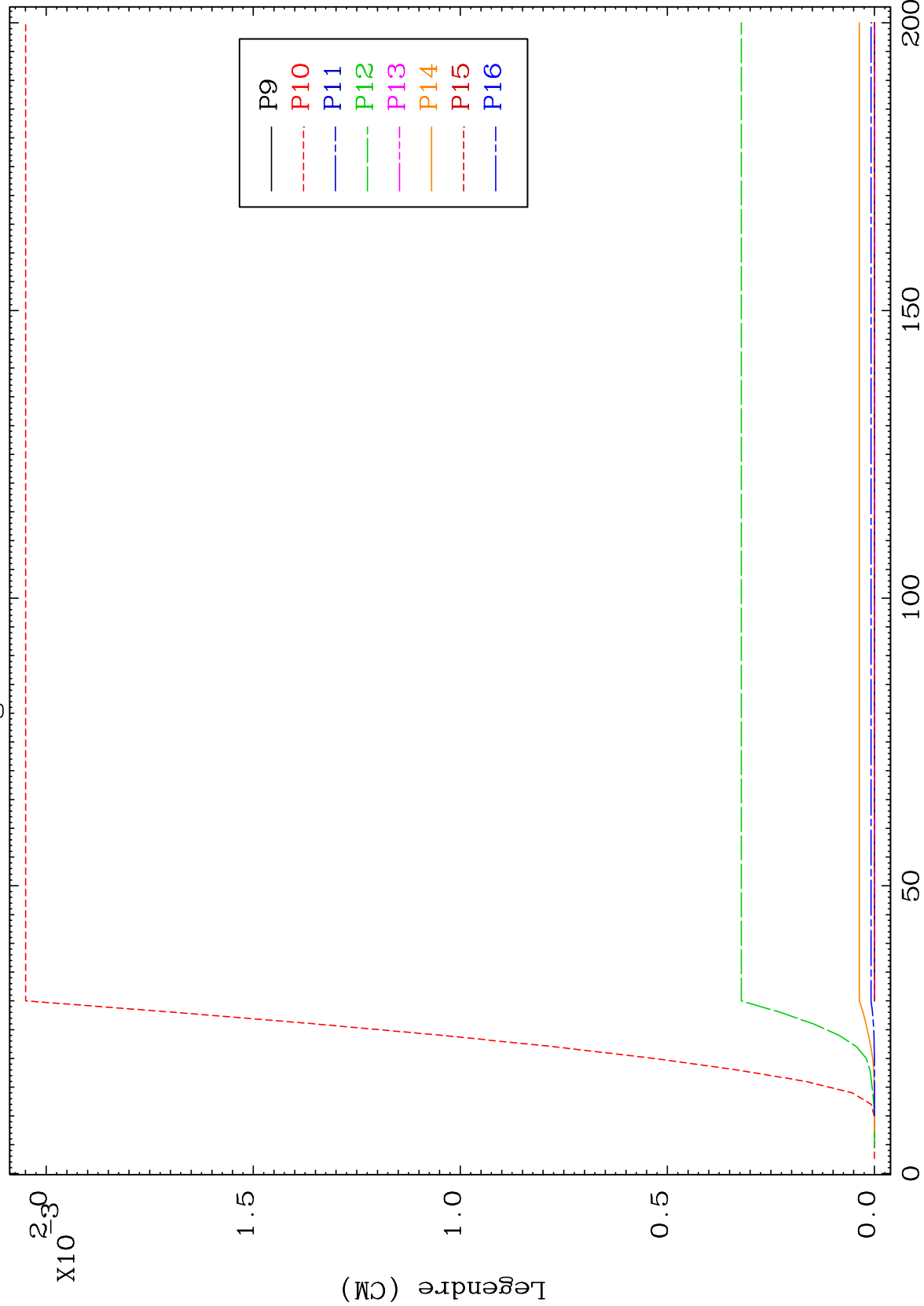
35-Br-76



MAT 3516

MT= 74 (n,n') Level
Legendre Coefficients

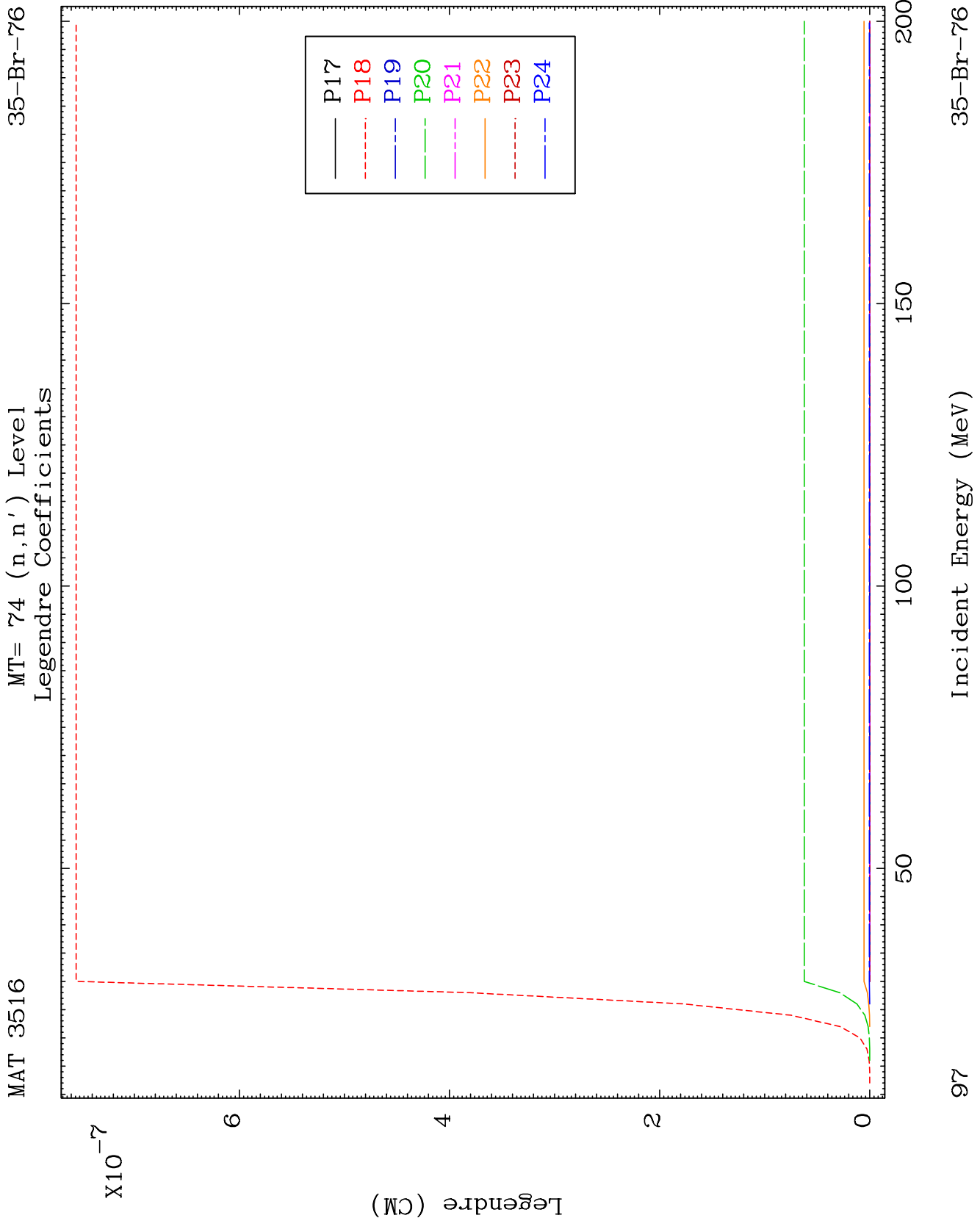
35-Br-76



96

Incident Energy (MeV)

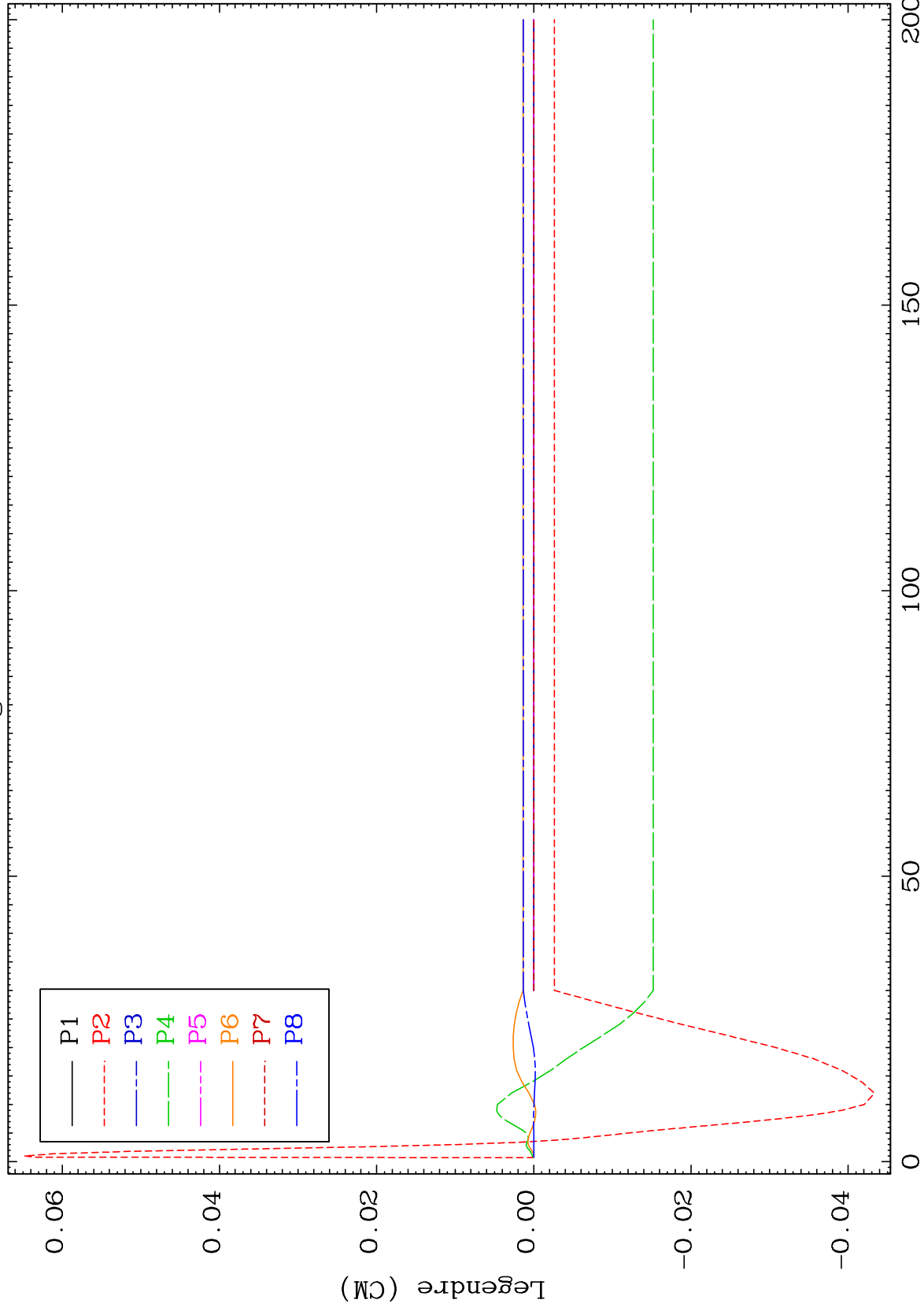
35-Br-76



MAT 3516

MT= 75 (n,n') Level
Legendre Coefficients

35-Br-76



98

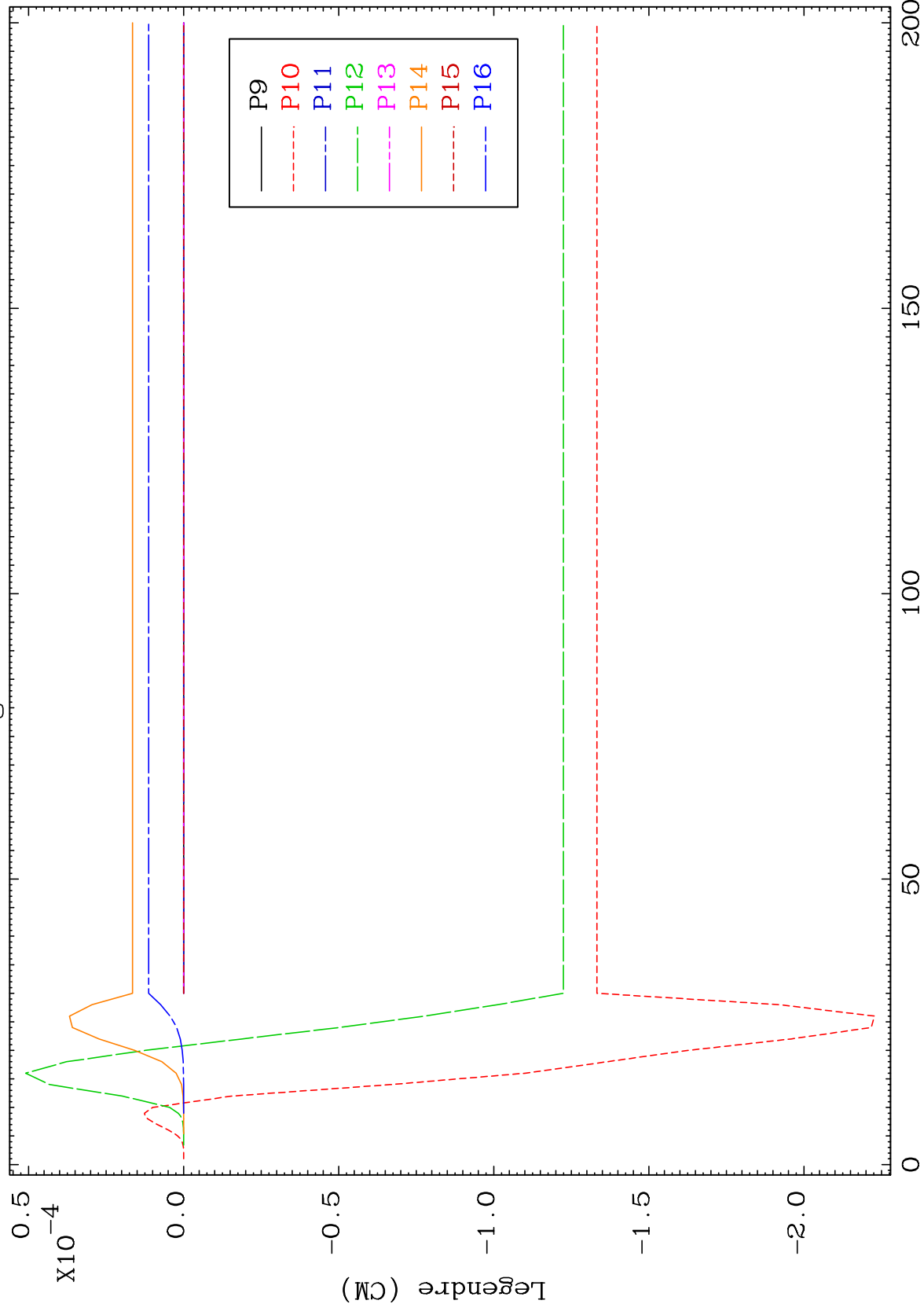
Incident Energy (MeV)

35-Br-76

MAT 3516

MT= 75 (n,n') Level
Legendre Coefficients

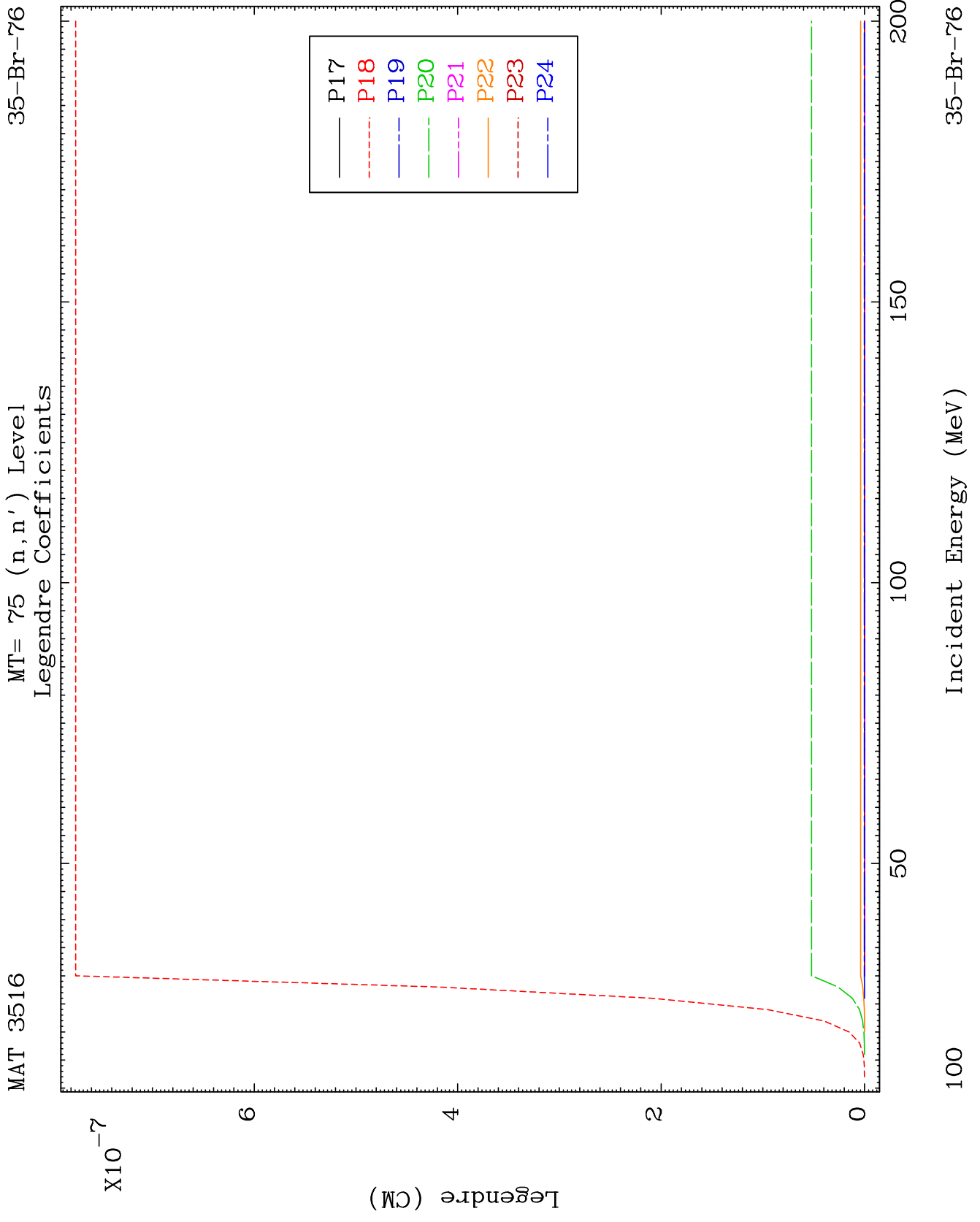
35-Br-76



99

Incident Energy (MeV)

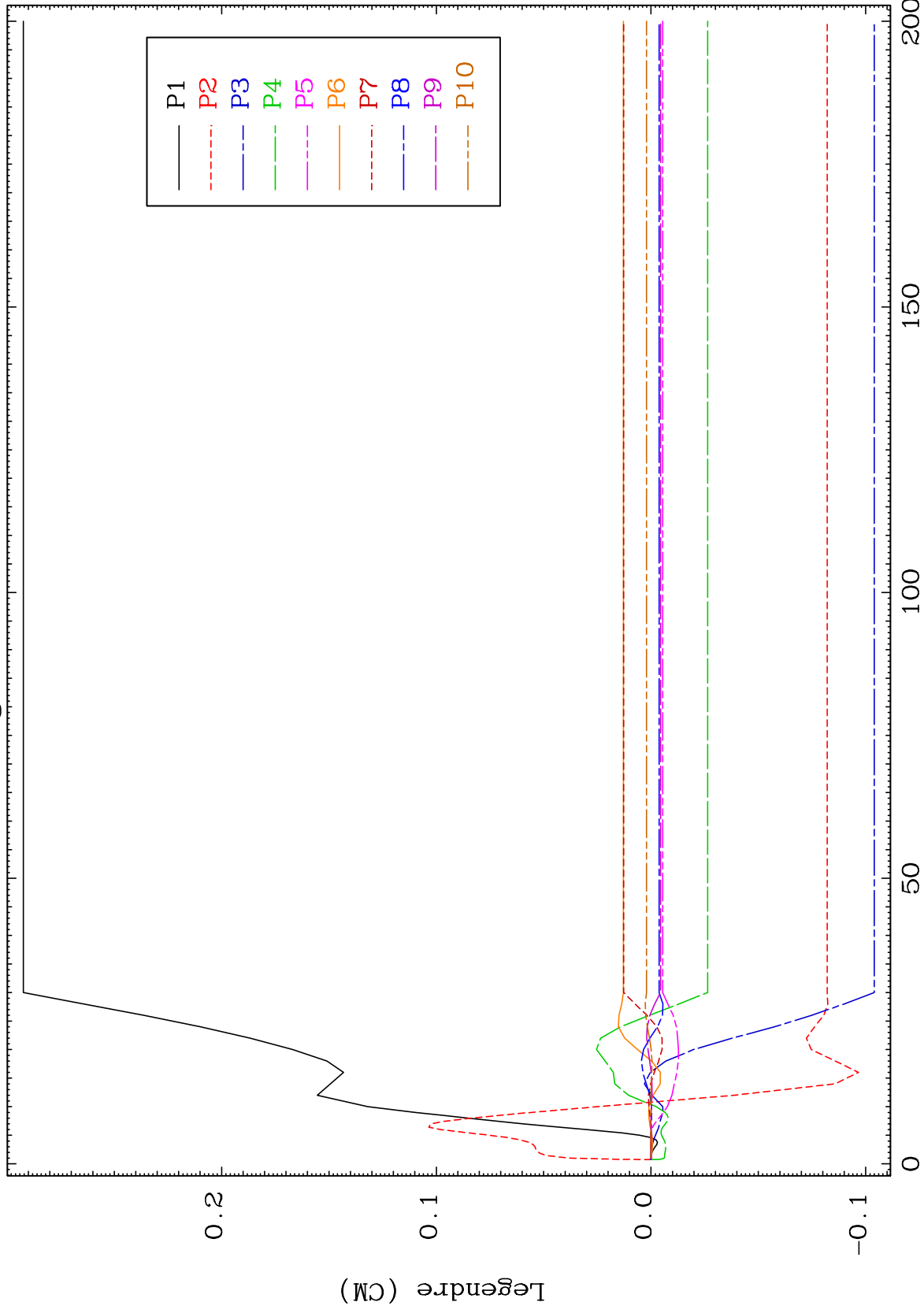
35-Br-76



MAT 3516

MT= 76 (n,n') Level
Legendre Coefficients

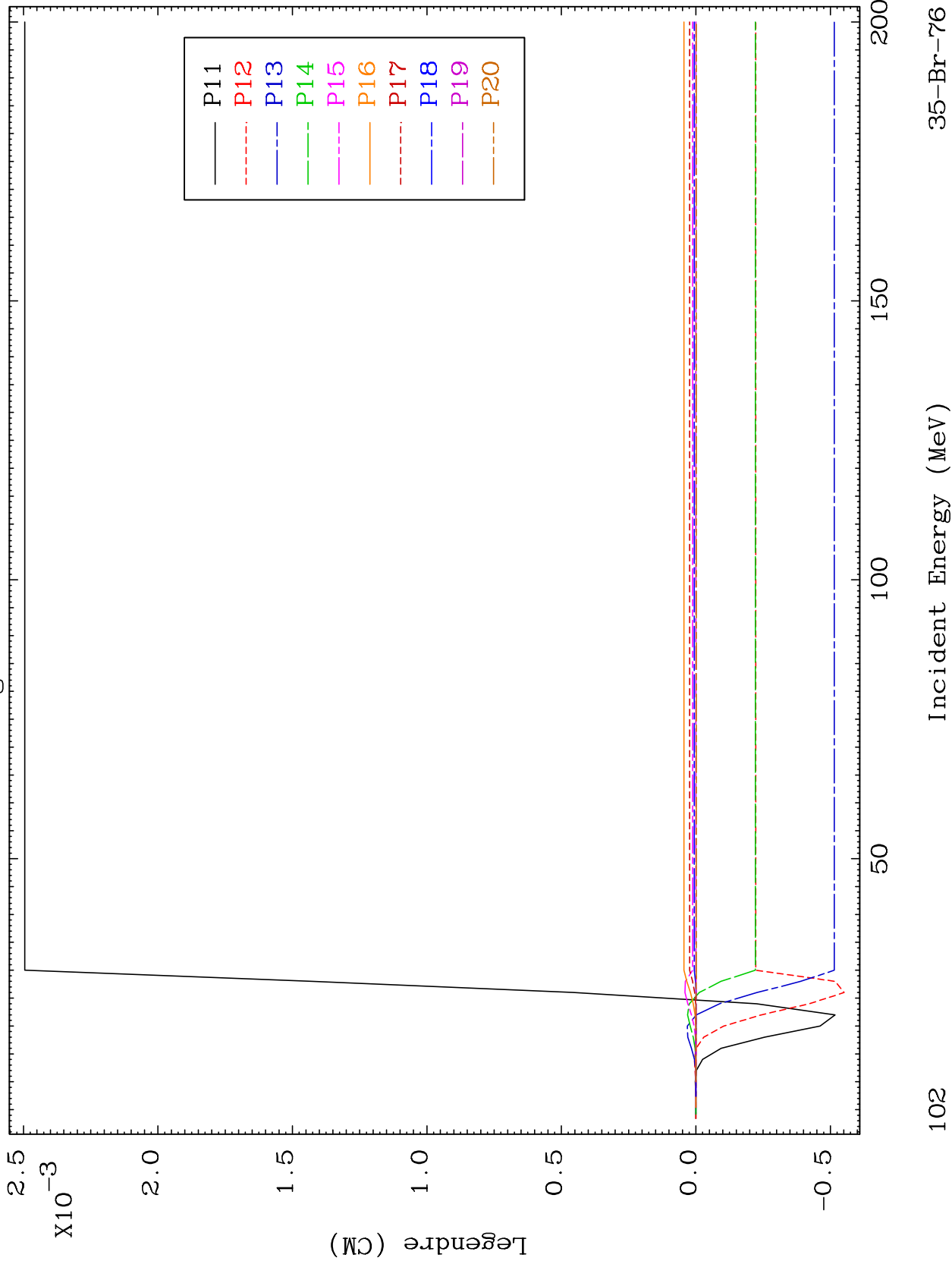
35-Br-76



101

Incident Energy (MeV)

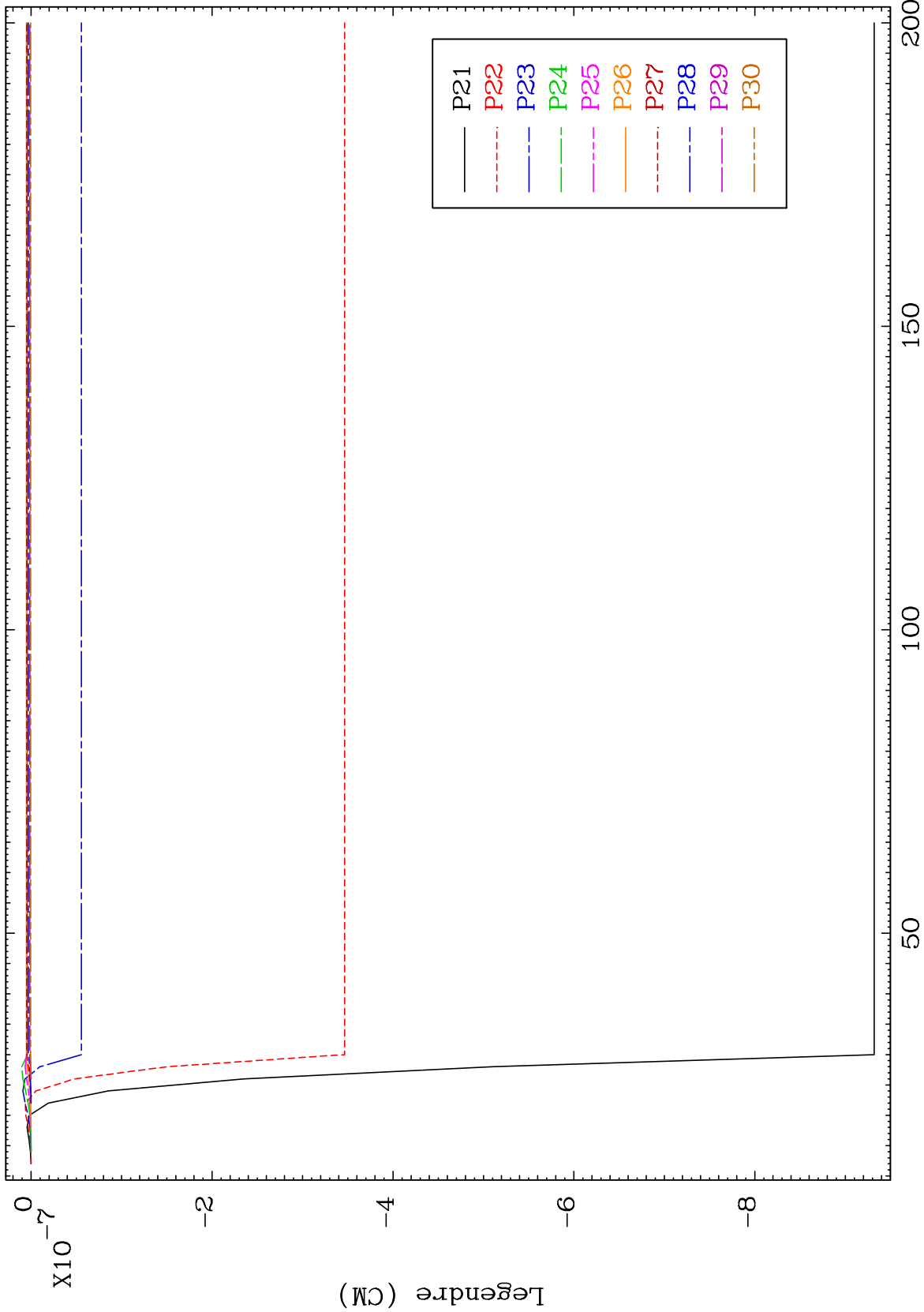
35-Br-76



MAT 3516

MT= 76 (n,n') Level
Legendre Coefficients

35-Br-76



103

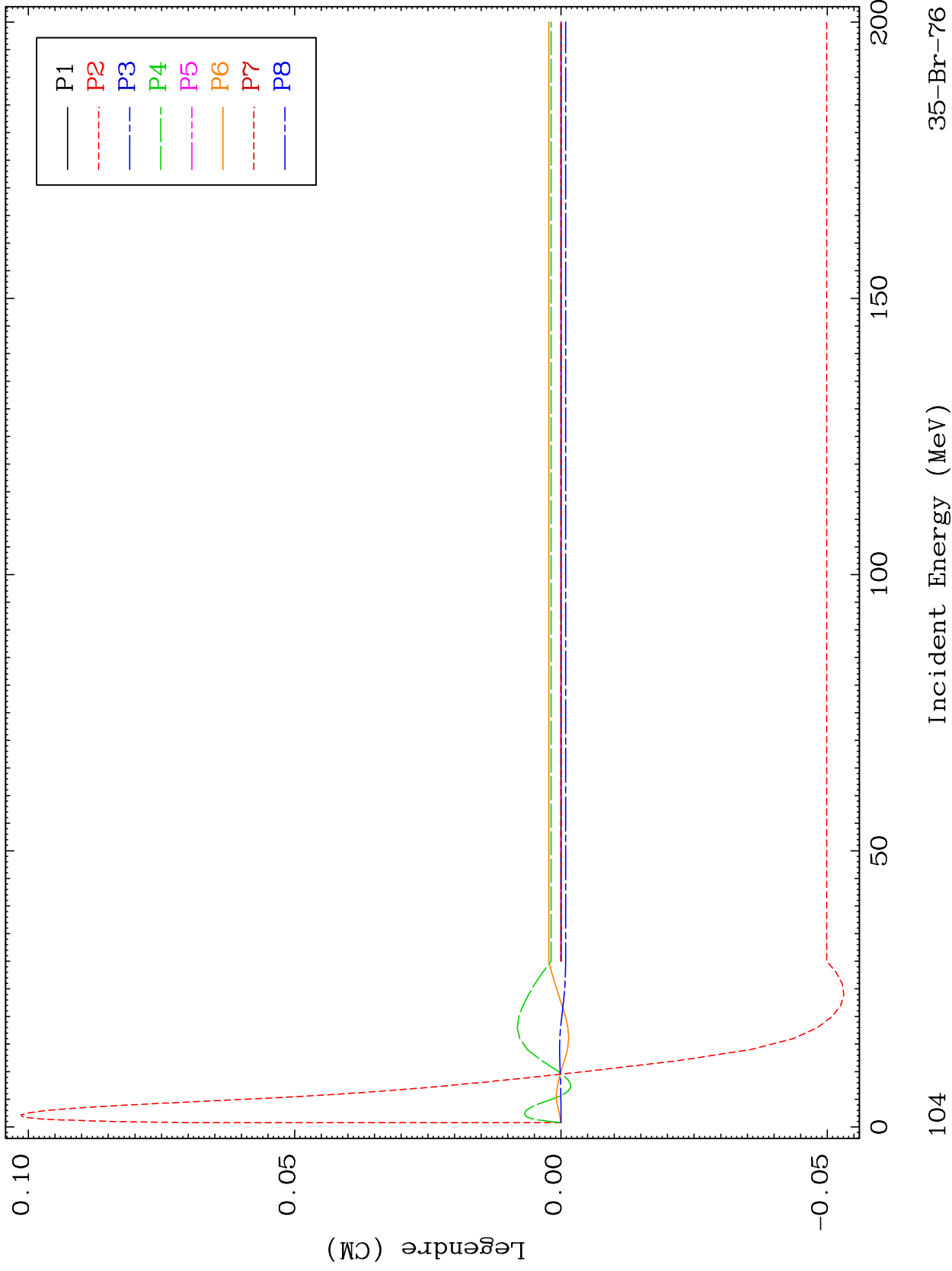
Incident Energy (MeV)

35-Br-76

MAT 3516

MT= 77 (n,n') Level
Legendre Coefficients

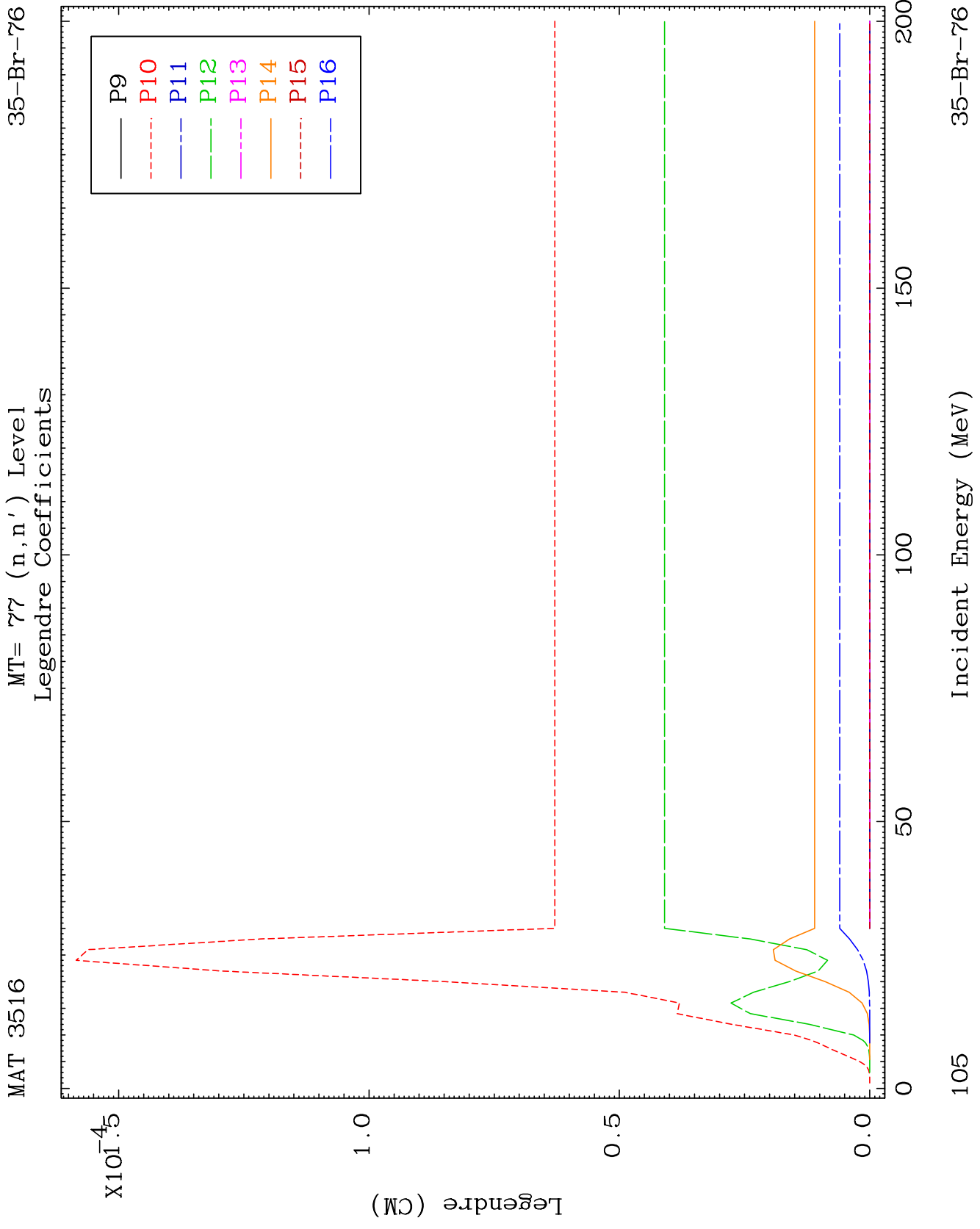
35-Br-76



104

Incident Energy (MeV)

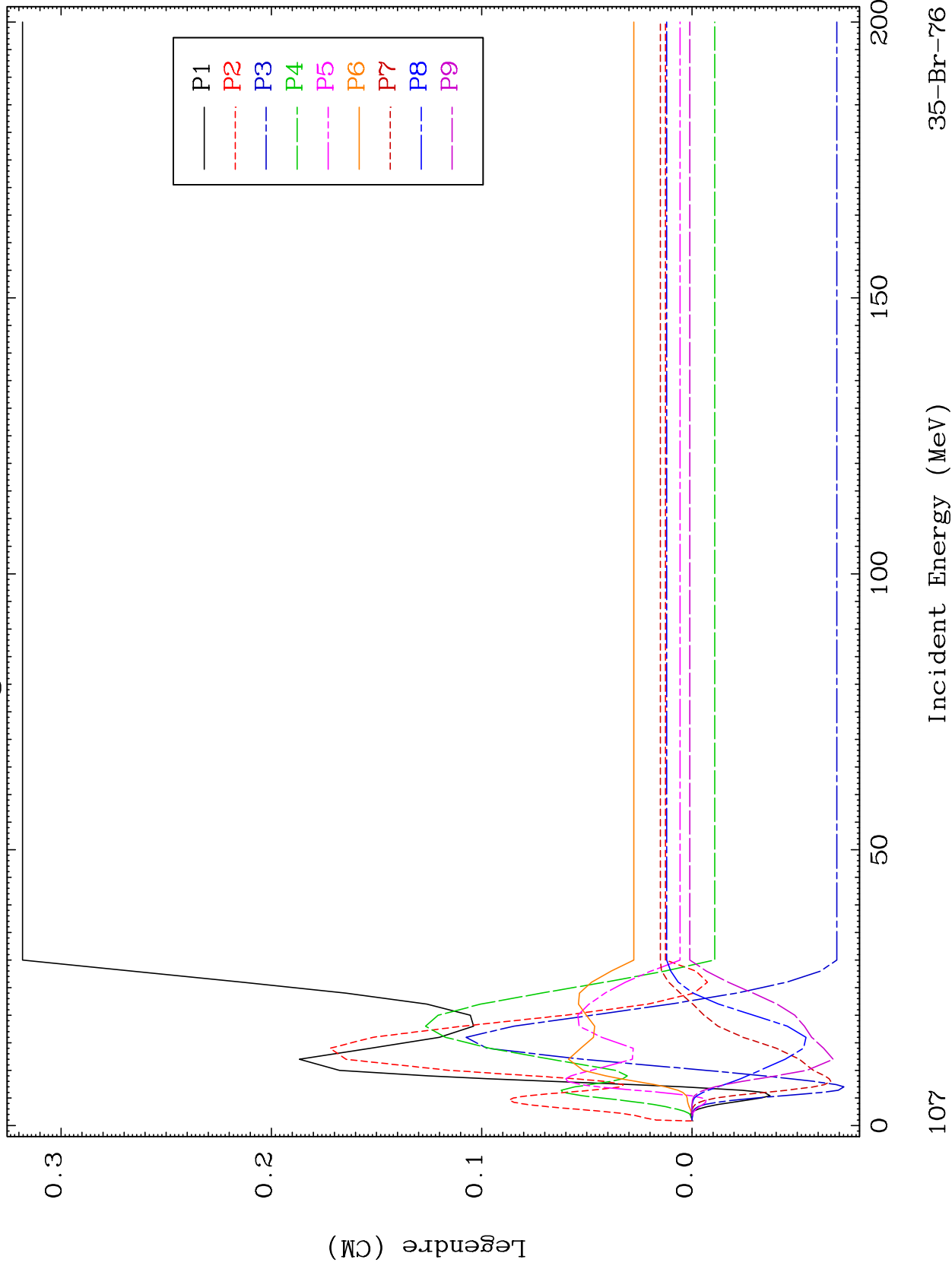
35-Br-76



MAT 3516

MT= 78 (n,n') Level
Legendre Coefficients

35-Br-76



35-Br-76

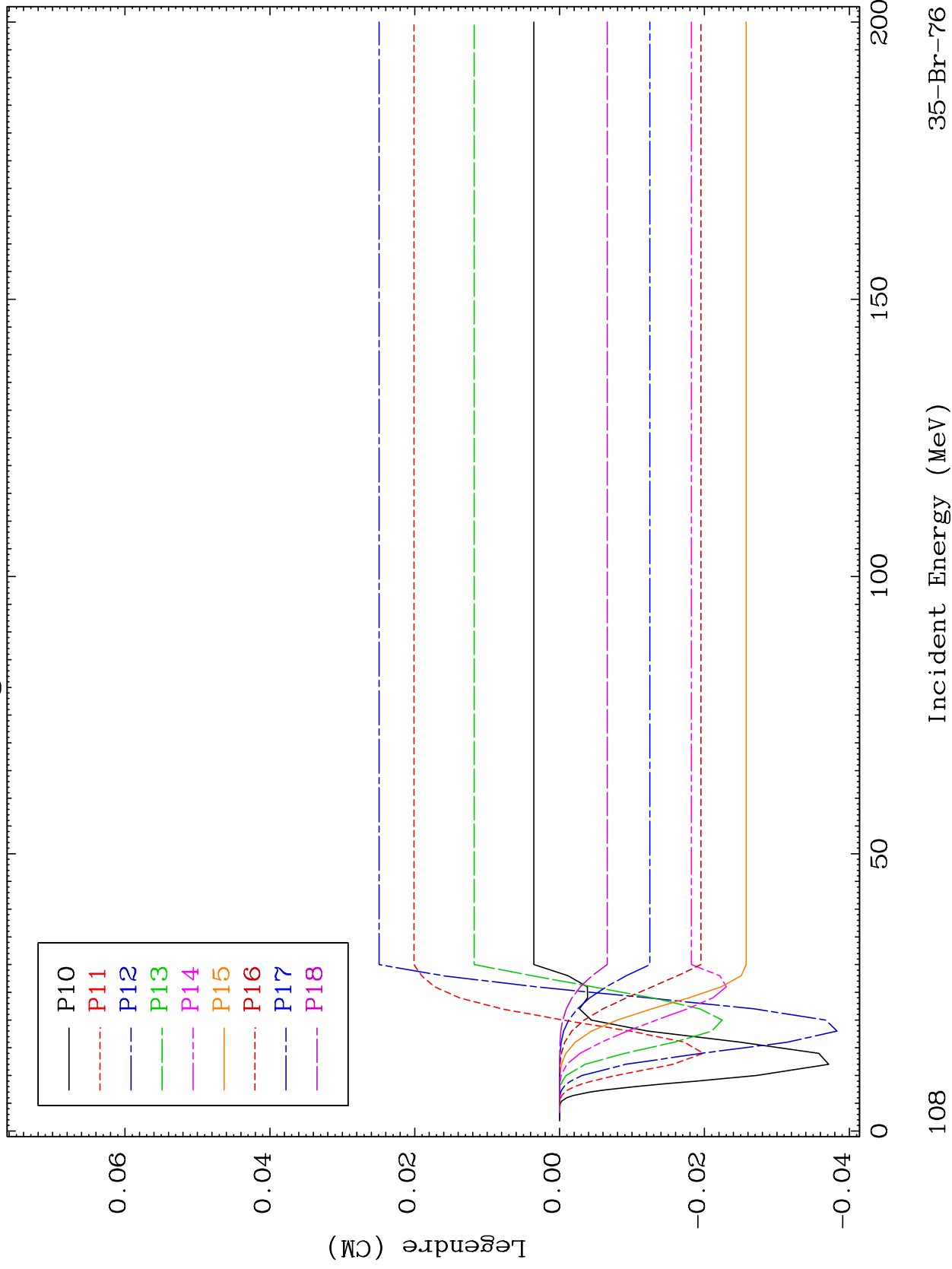
Incident Energy (MeV)

107

MAT 3516

MT= 78 (n,n') Level
Legendre Coefficients

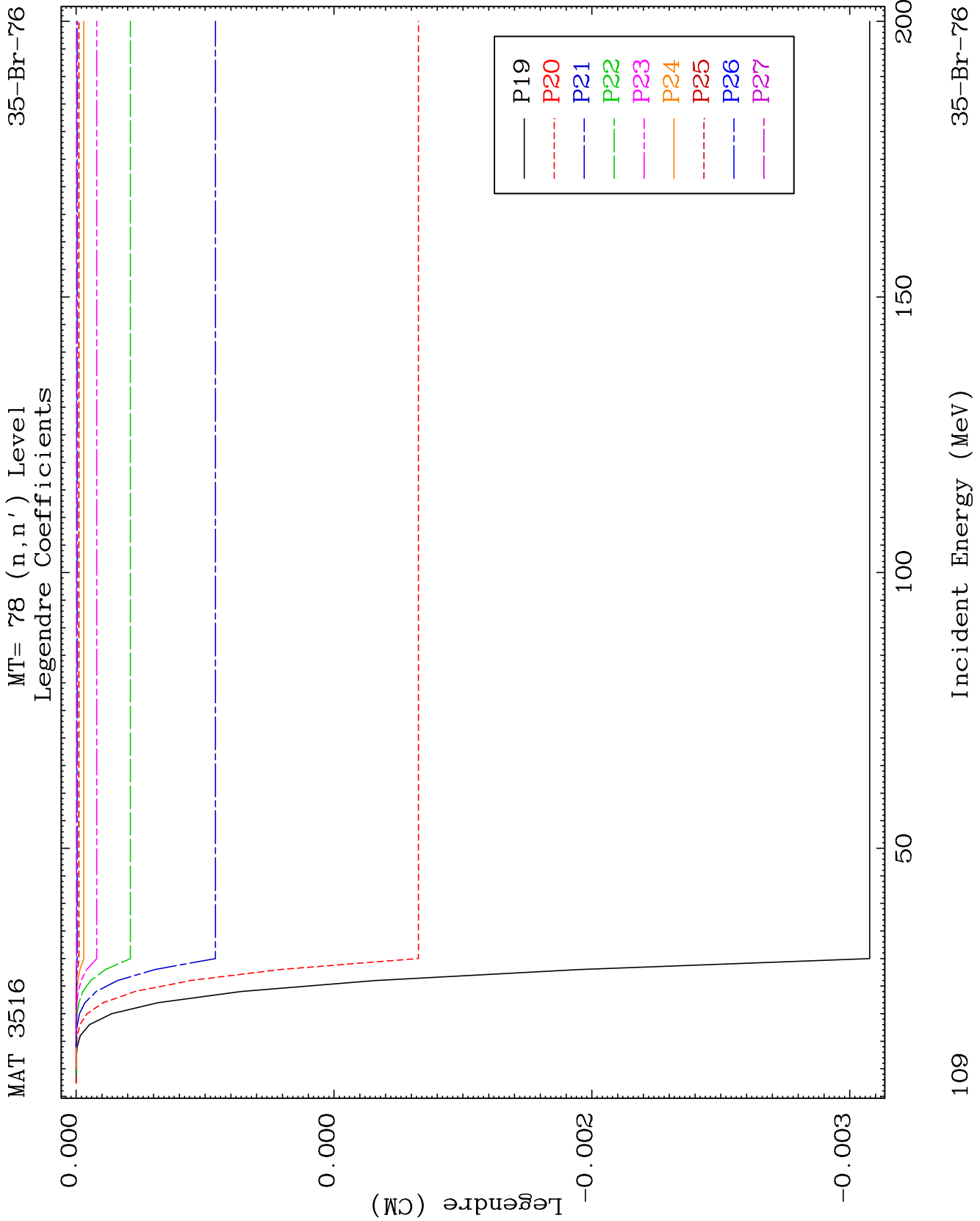
35-Br-76

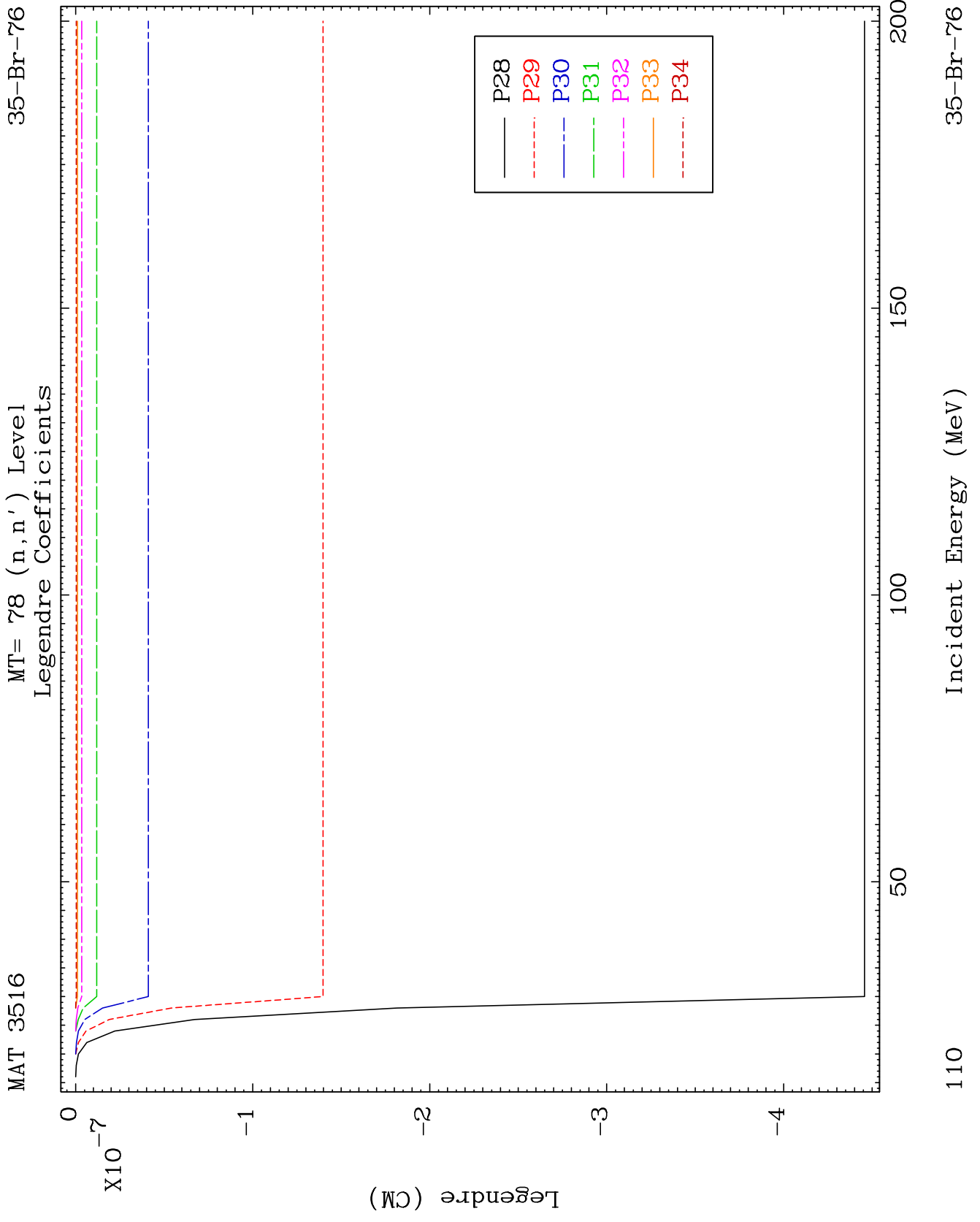


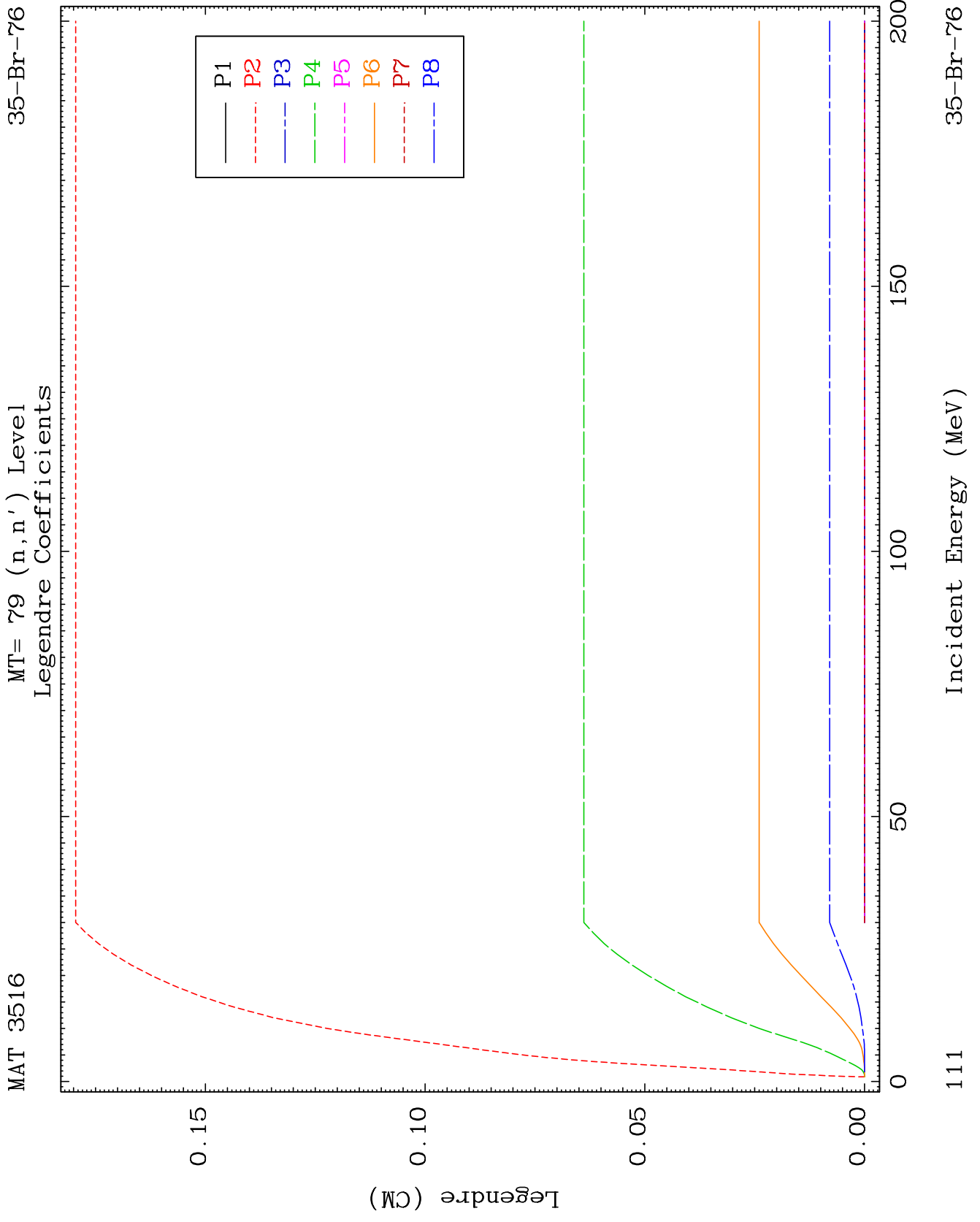
108

Incident Energy (MeV)

35-Br-76



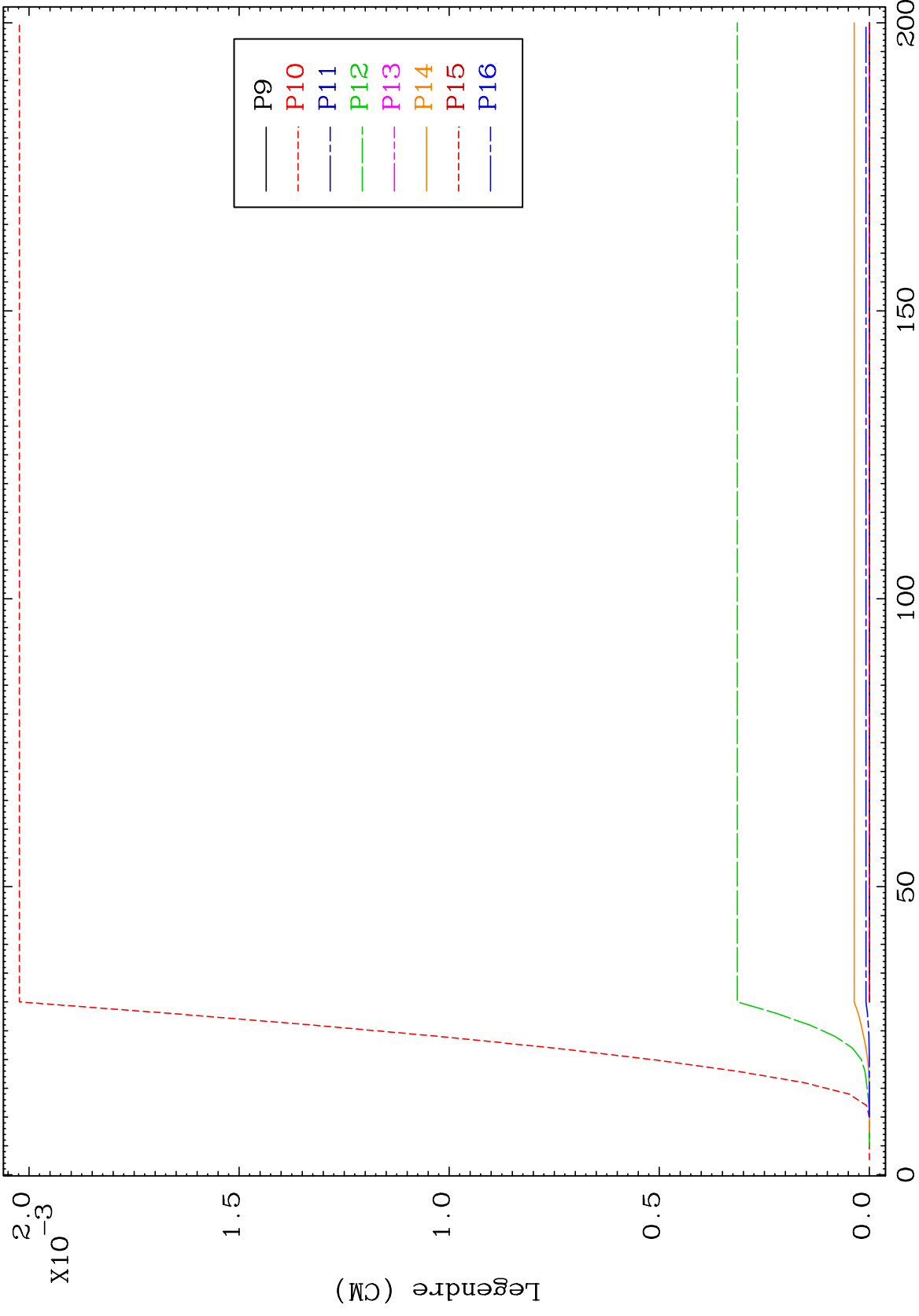




MAT 3516

MT= 79 (n,n') Level
Legendre Coefficients

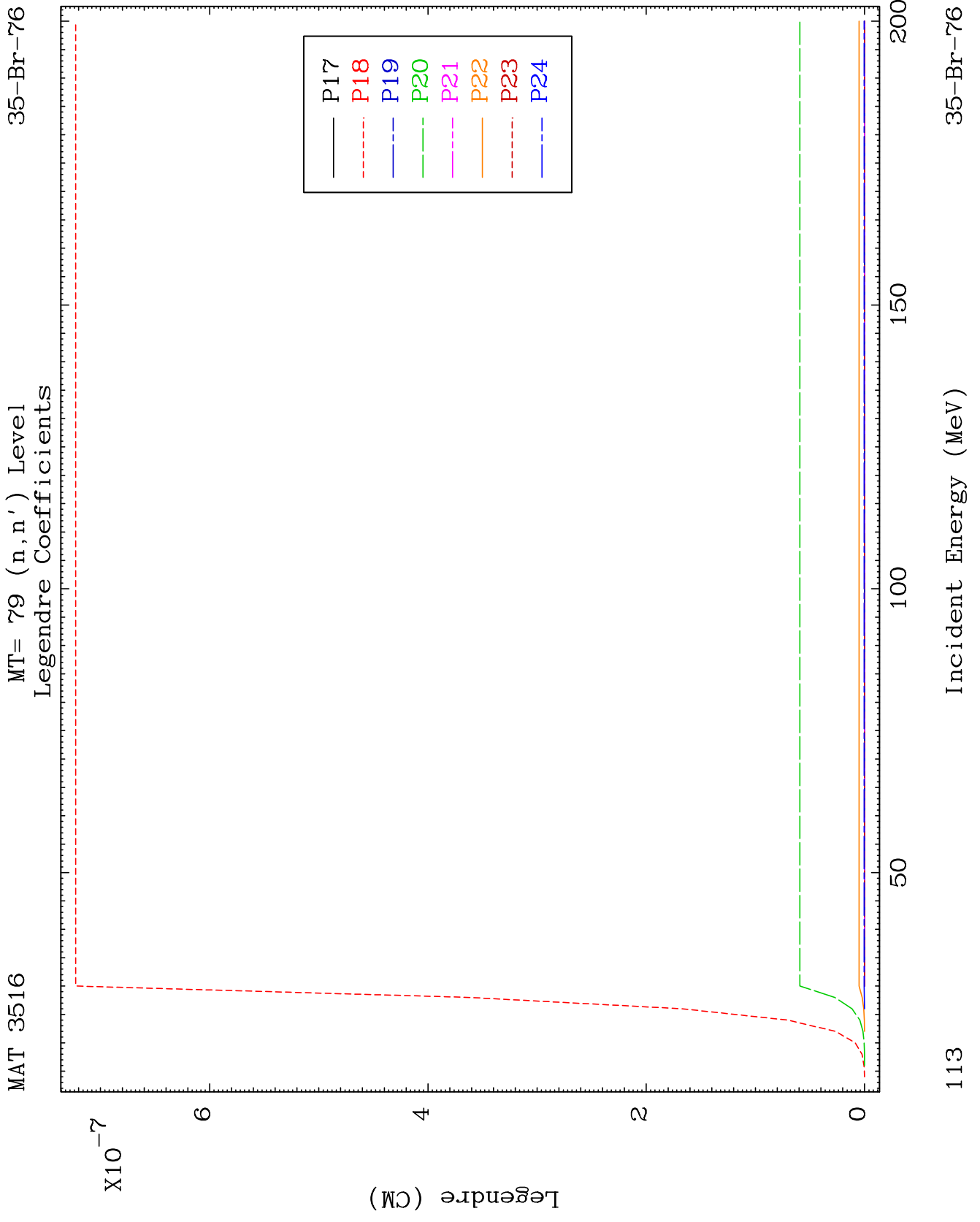
35-Br-76

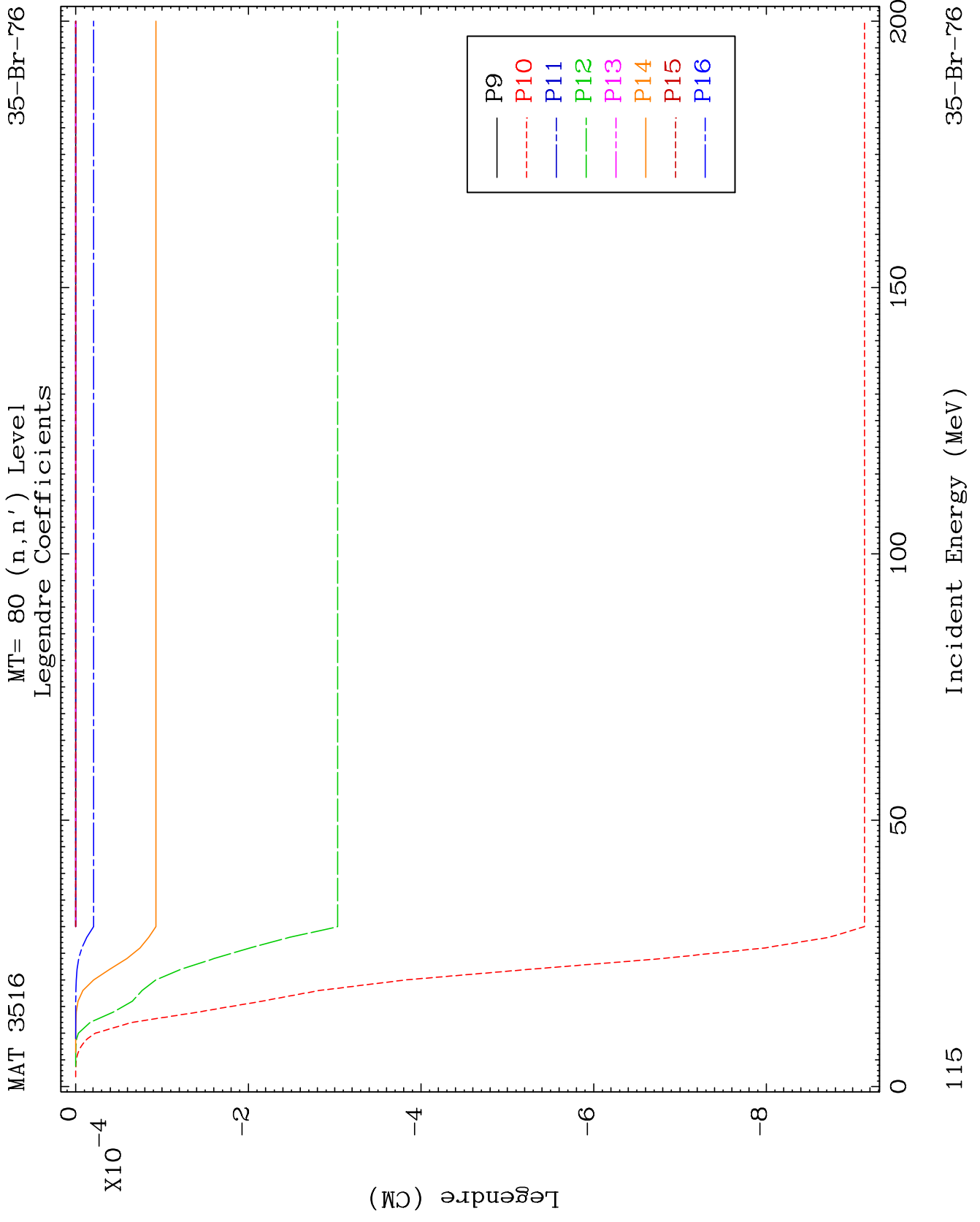


112

Incident Energy (MeV)

35-Br-76

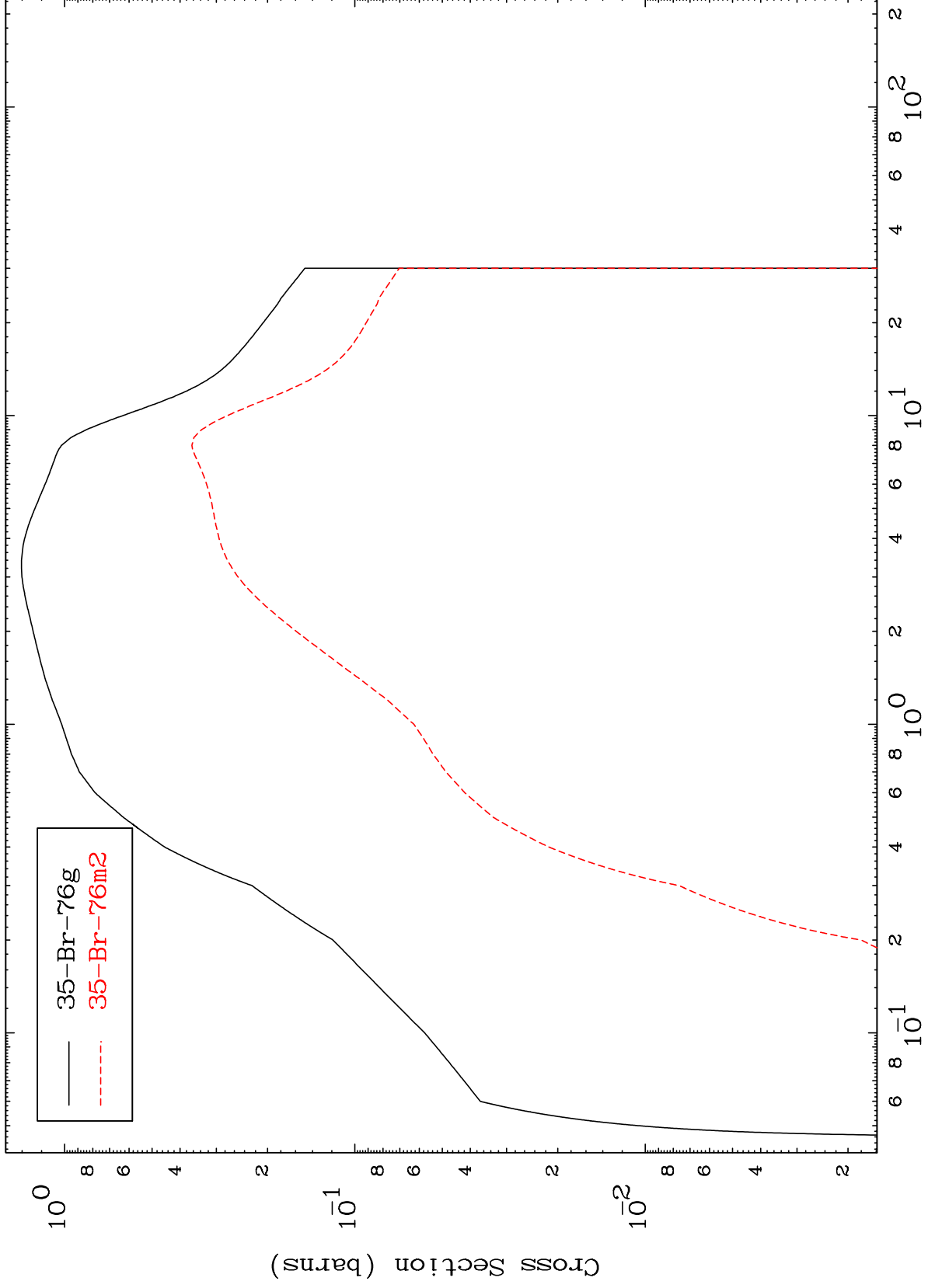




MAT 3516

³⁵Br-⁷⁶

Inelastic
Radionuclide Production Cross Section



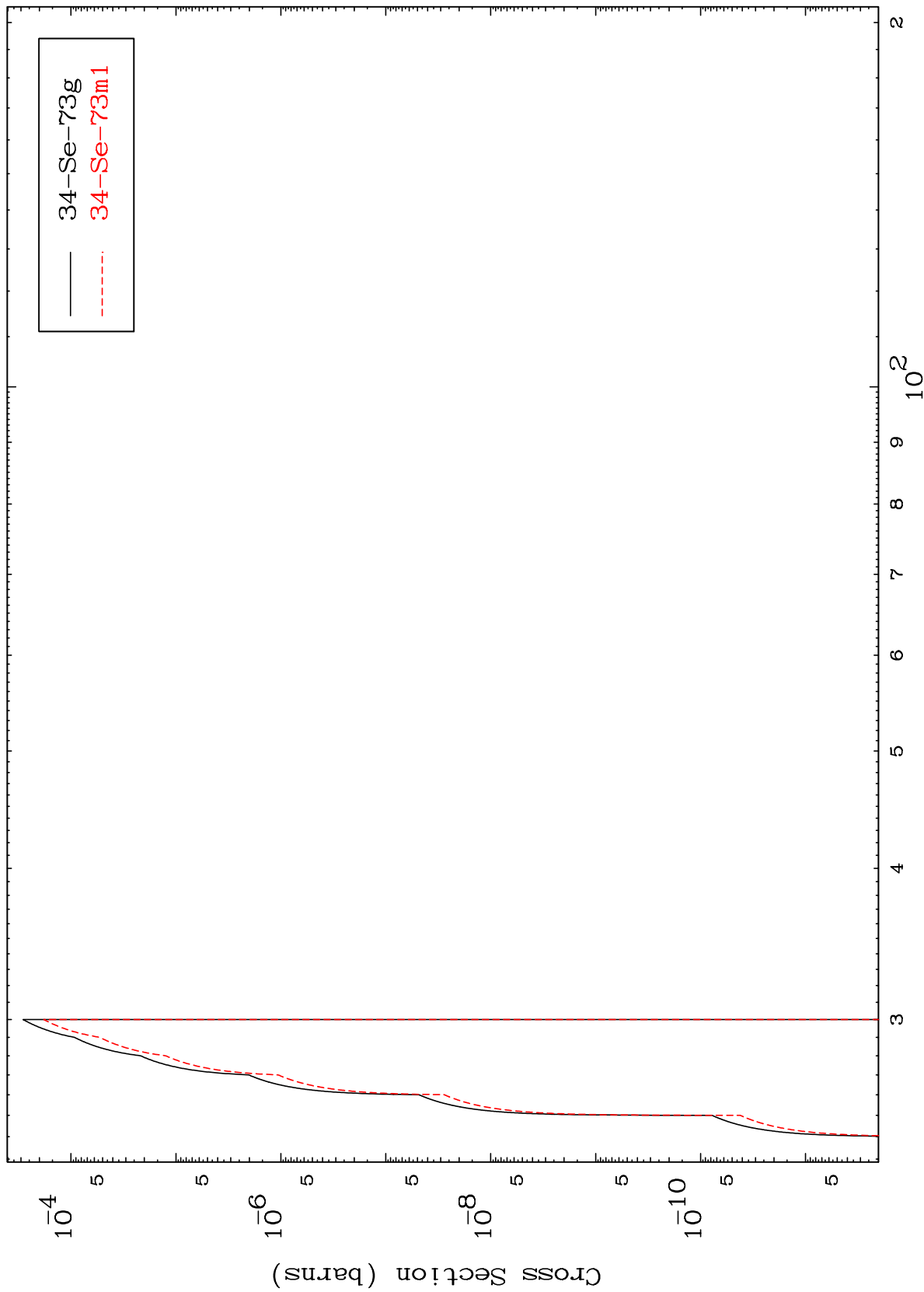
— ³⁵Br-⁷⁶g
- - - ³⁵Br-⁷⁶m2

MAT 3516

(n,2n) d

35-Br-76

Radionuclide Production Cross Section



118

Incident Energy (MeV)

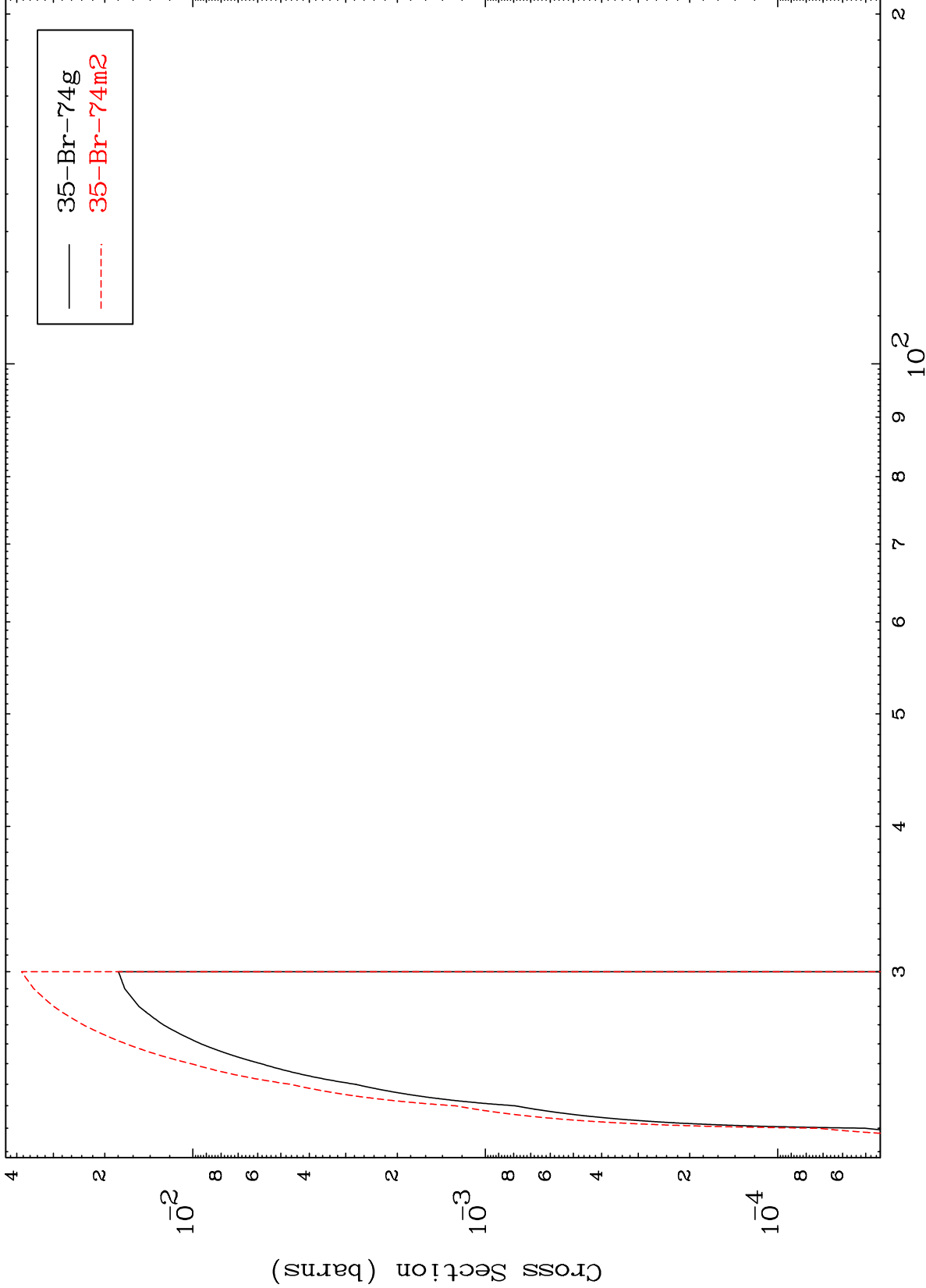
35-Br-76

MAT 3516

(n,3n)

³⁵Br-76

Radionuclide Production Cross Section



119

Incident Energy (MeV)

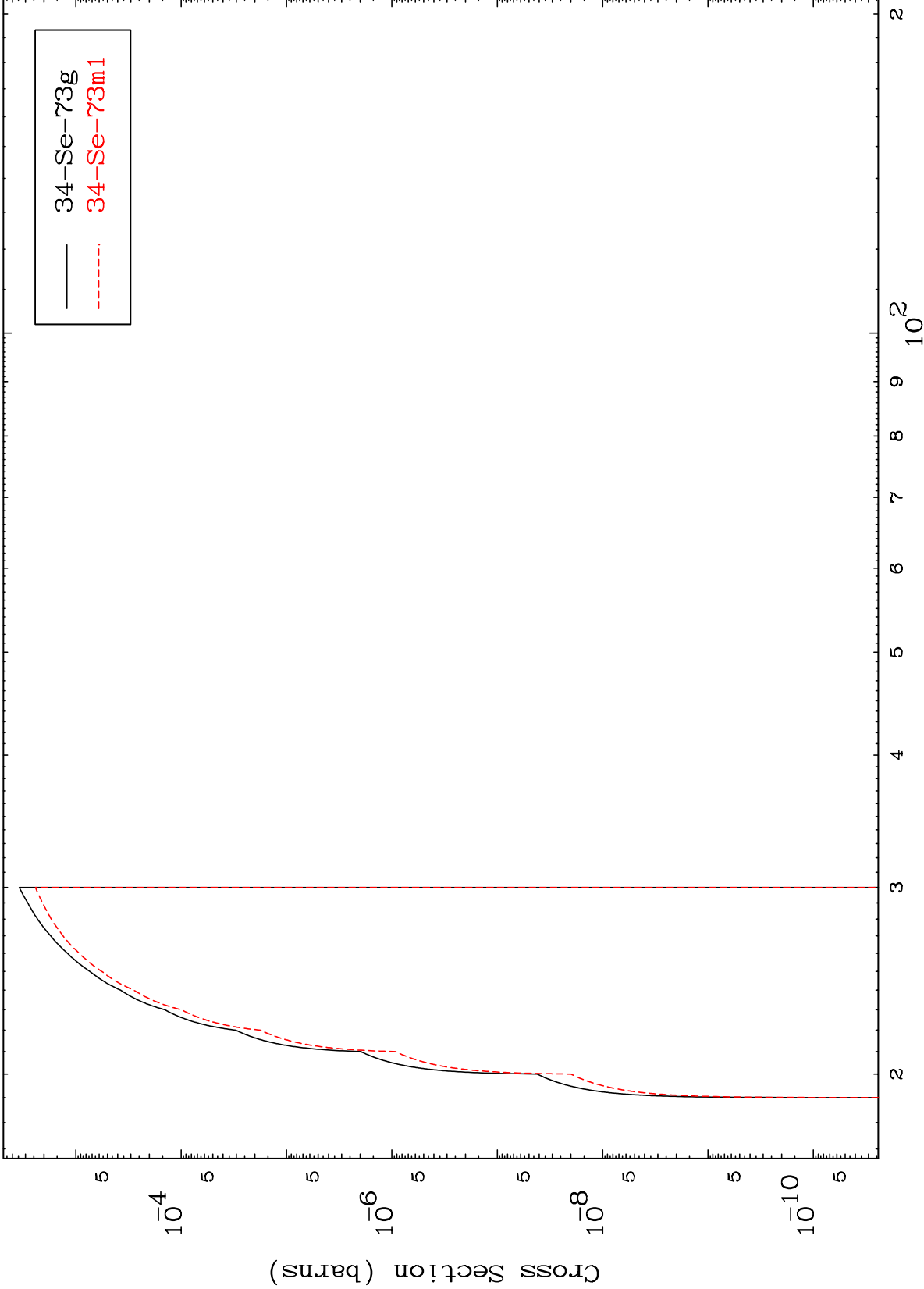
³⁵Br-76

MAT 3516

(n,n') t

35-Br-76

Radionuclide Production Cross Section



120

Incident Energy (MeV)

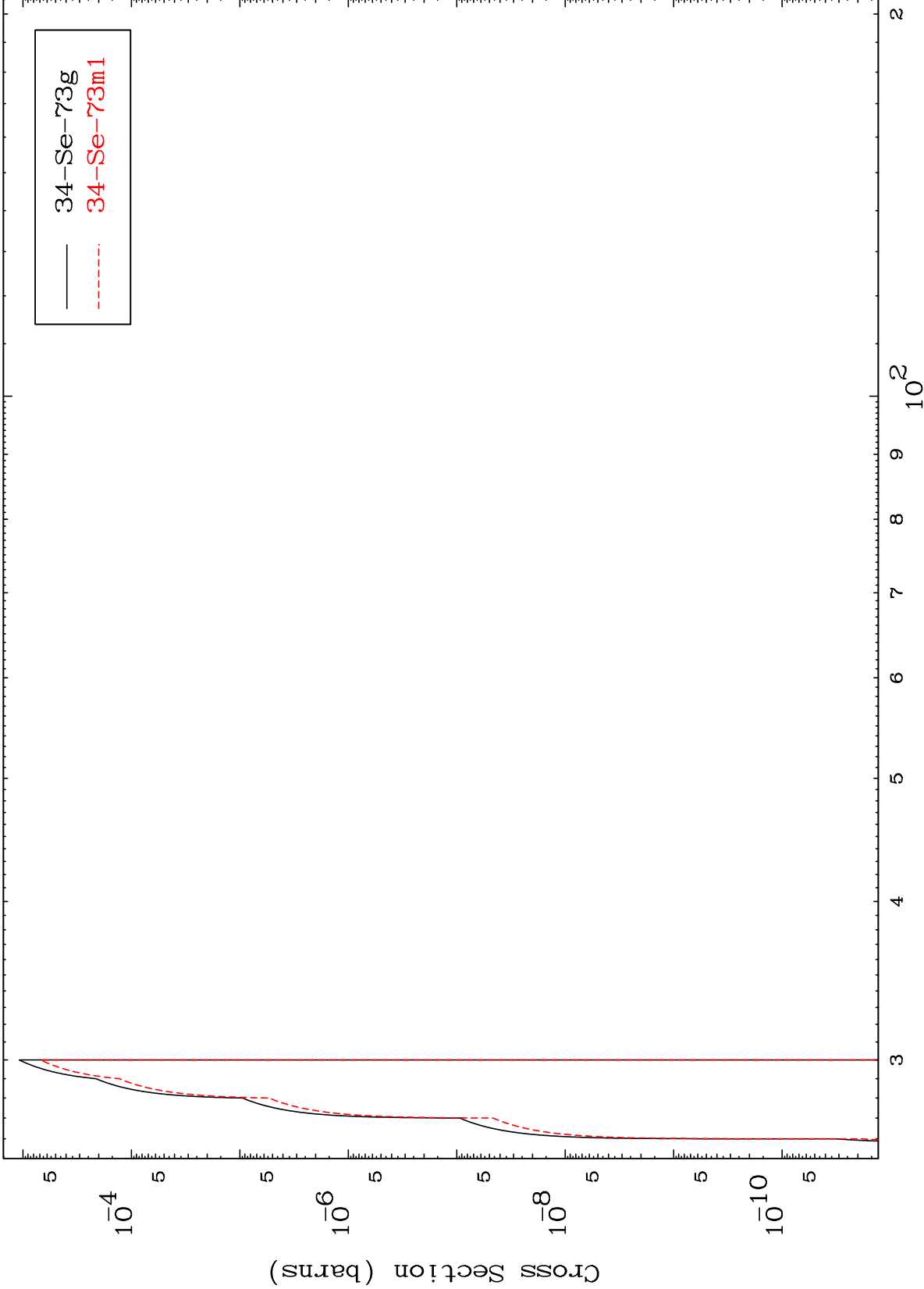
35-Br-76

MAT 3516

(n,3n) p

35-Br-76

Radionuclide Production Cross Section



121

Incident Energy (MeV)

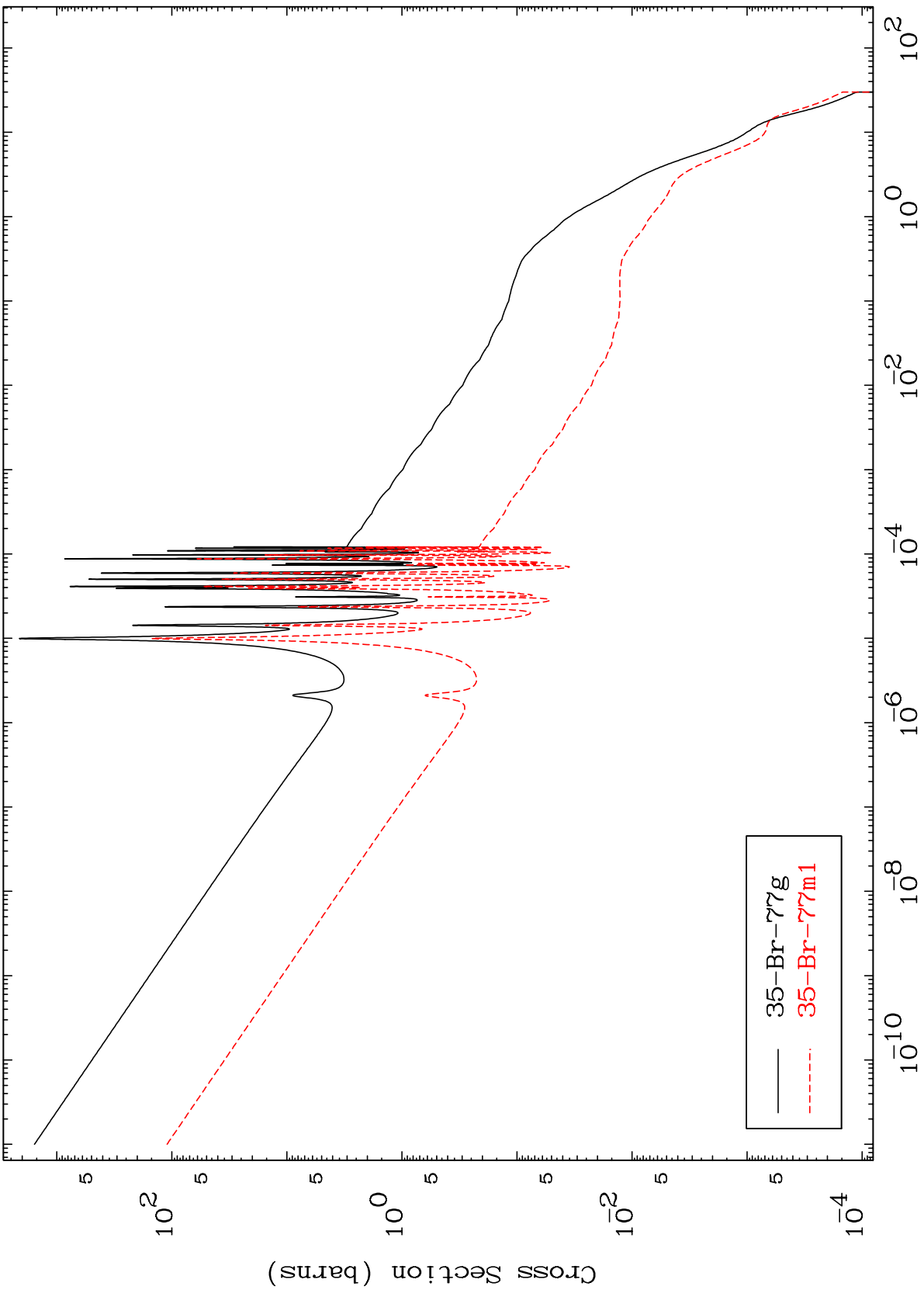
35-Br-76

MAT 3516

³⁵Br-76

Radionuclide Production Cross Section

(n, γ)



³⁵Br-76

Incident Energy (MeV)

122