

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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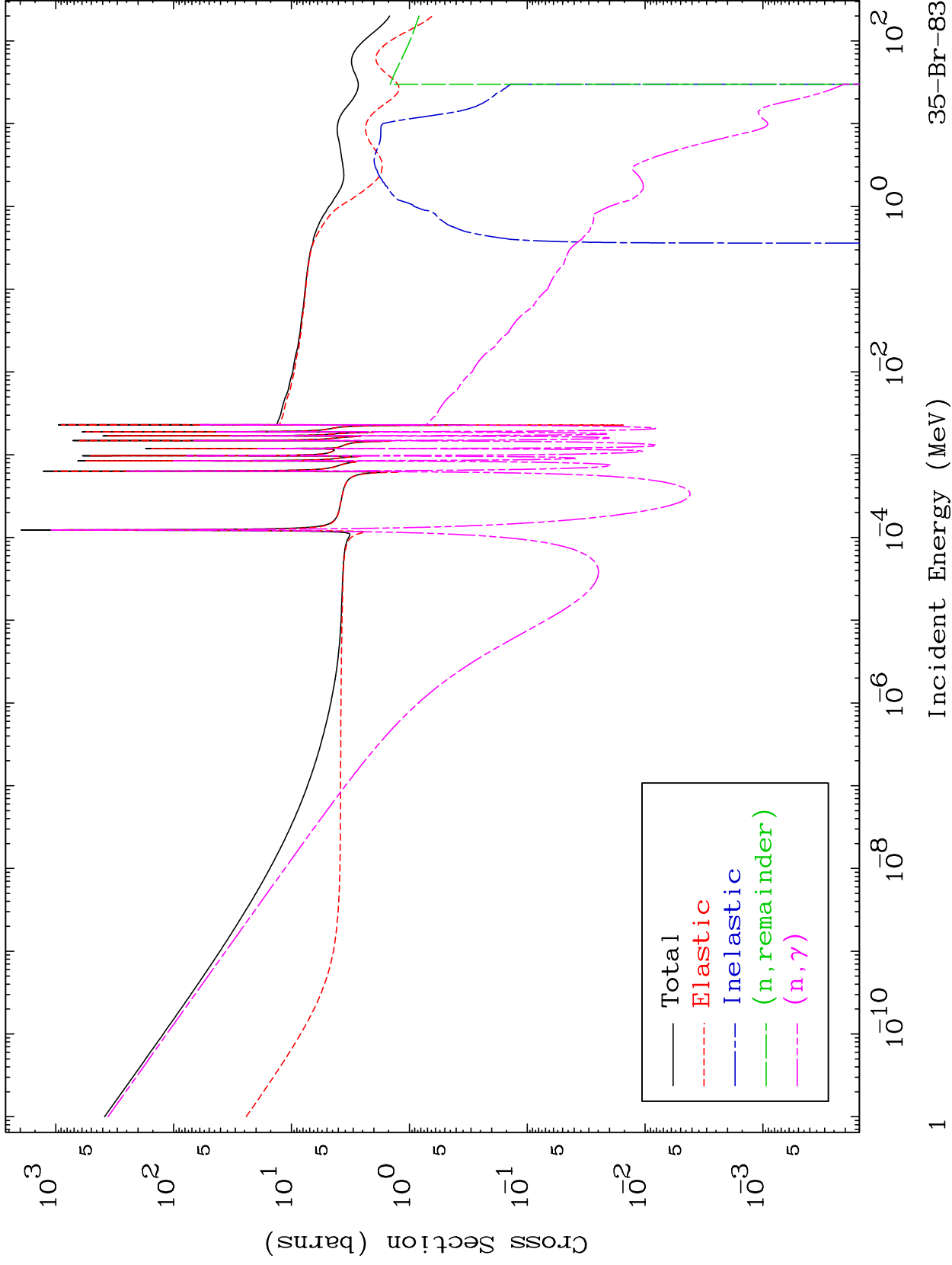
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

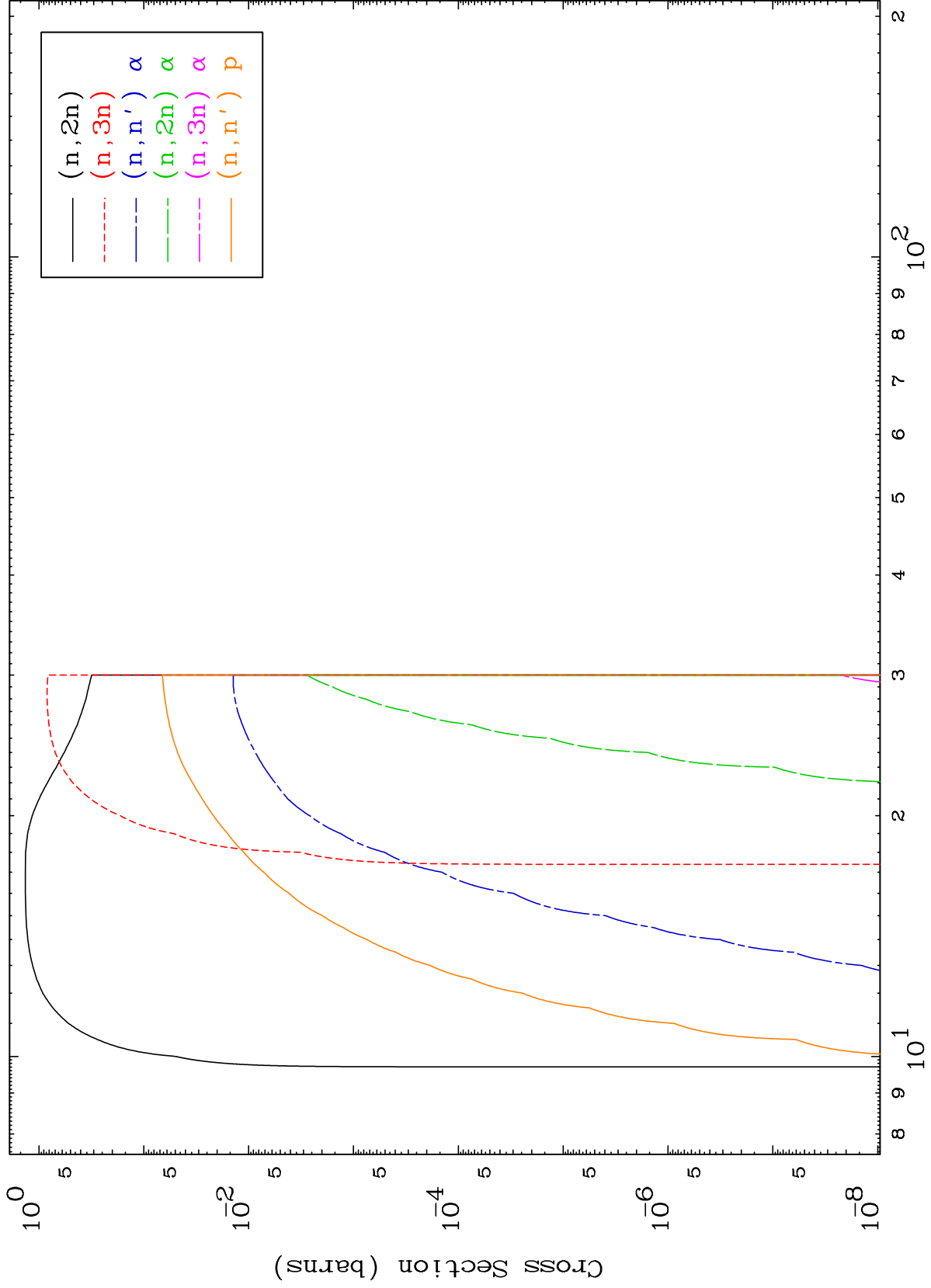
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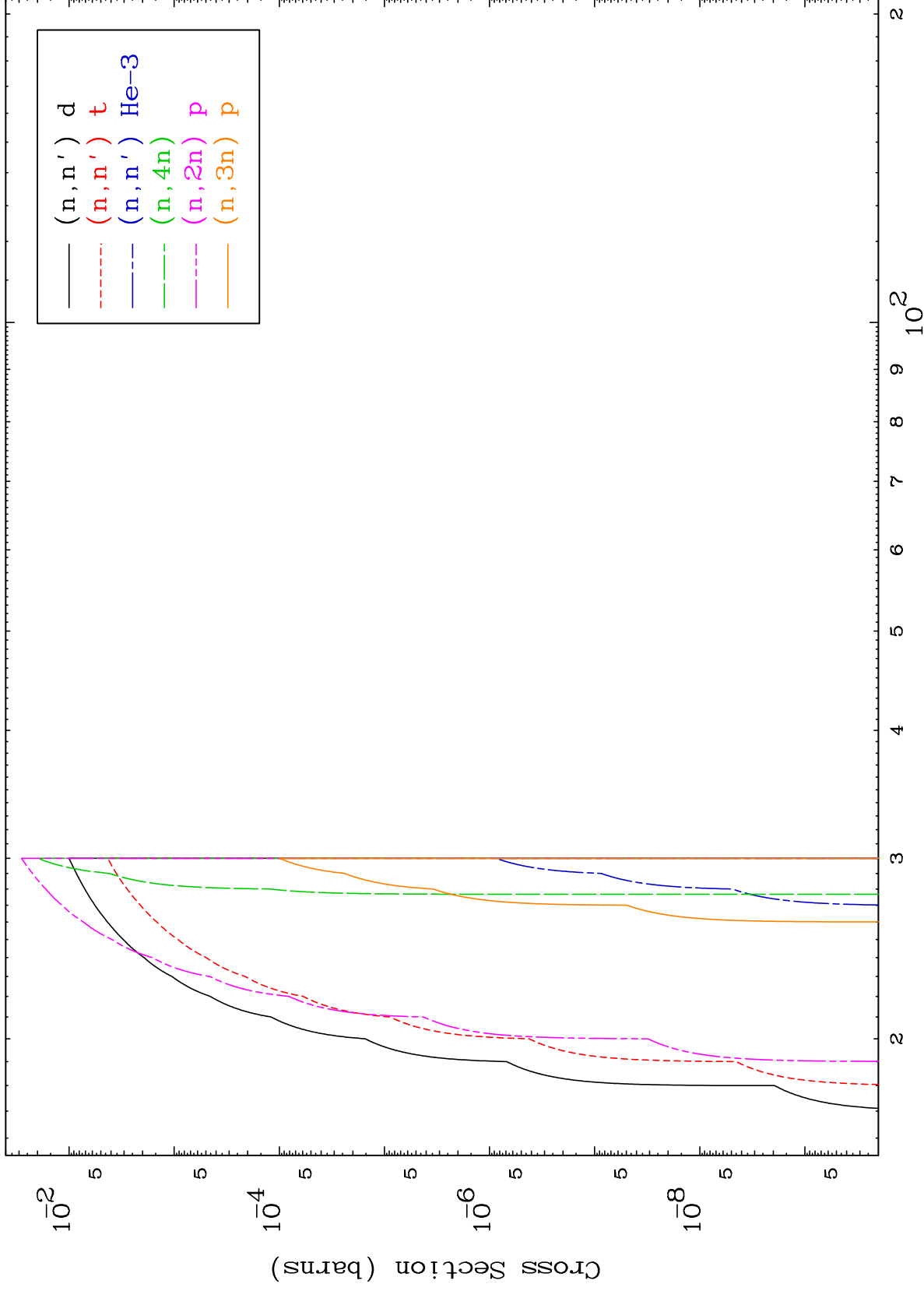
MAT 3537

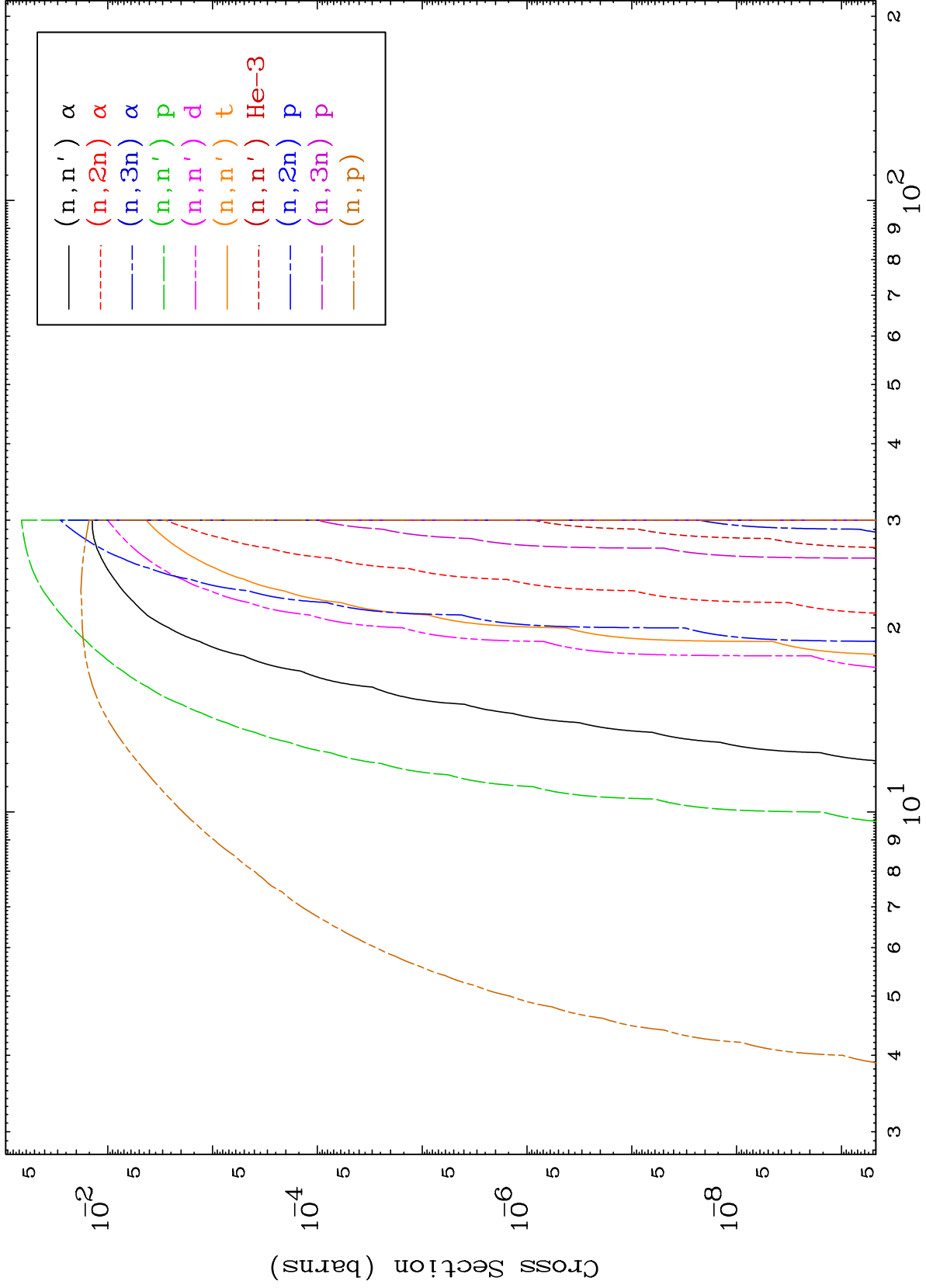
Major  
293 Kelvin Cross Sections

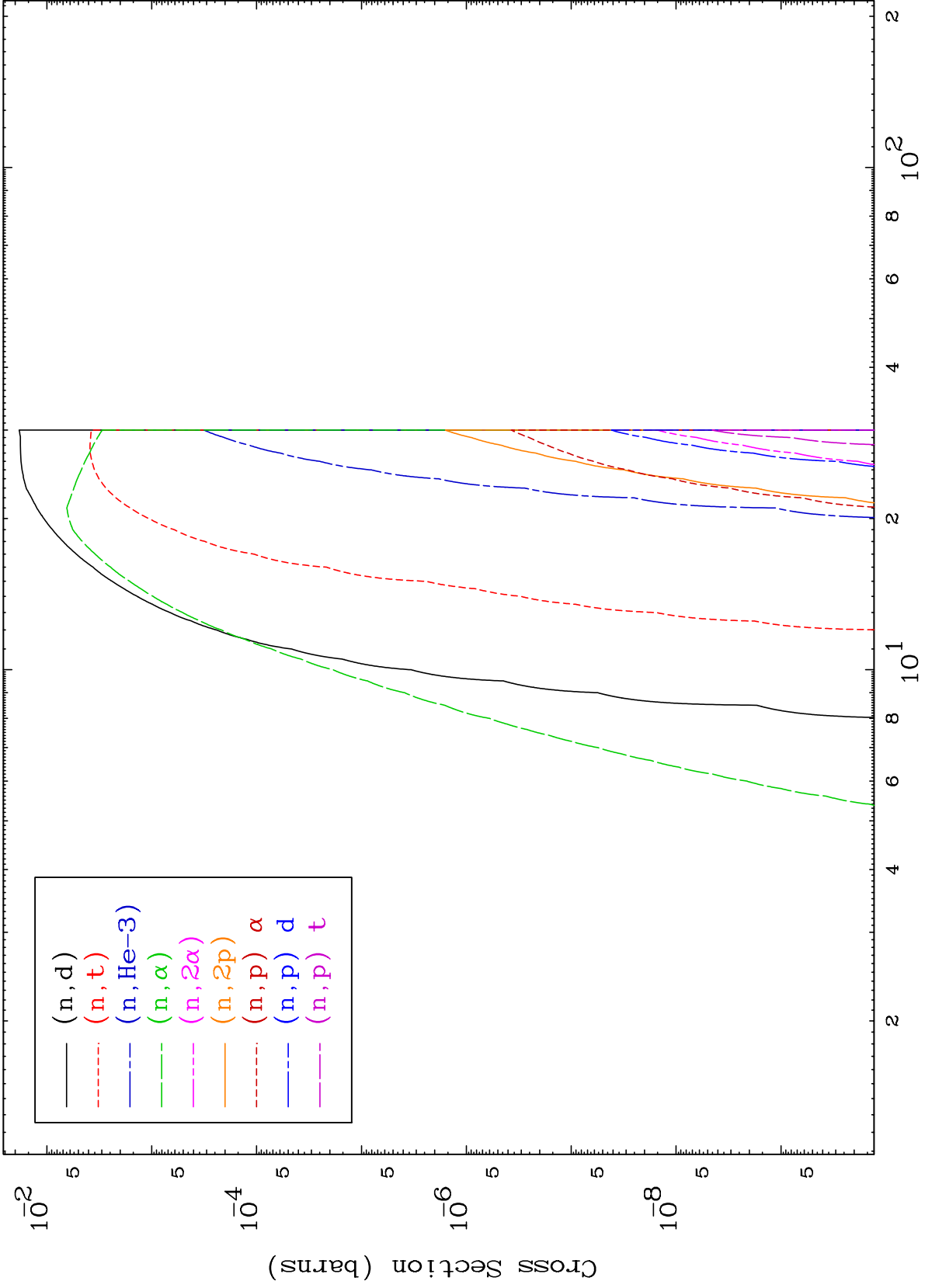
35-Br-83

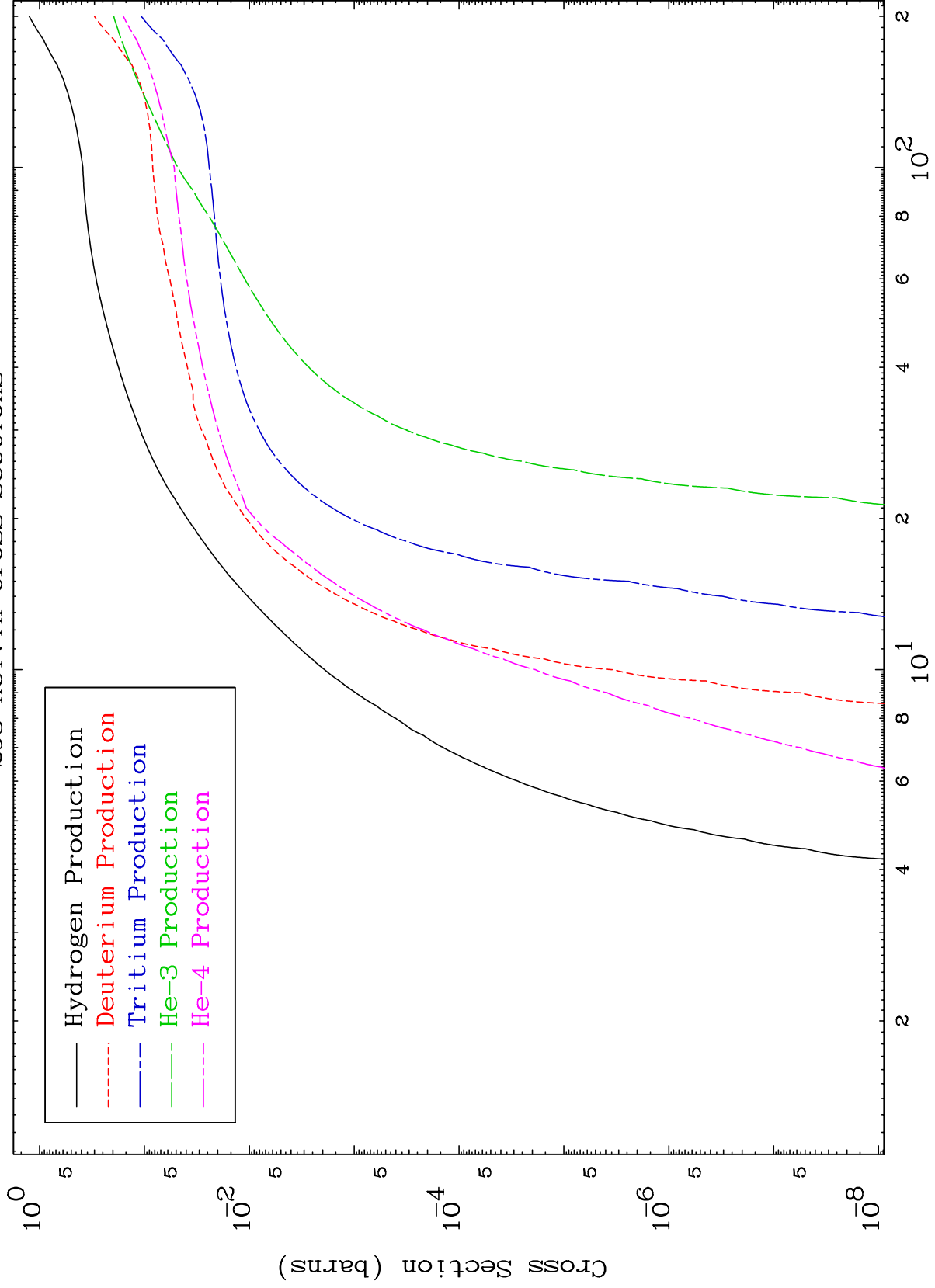








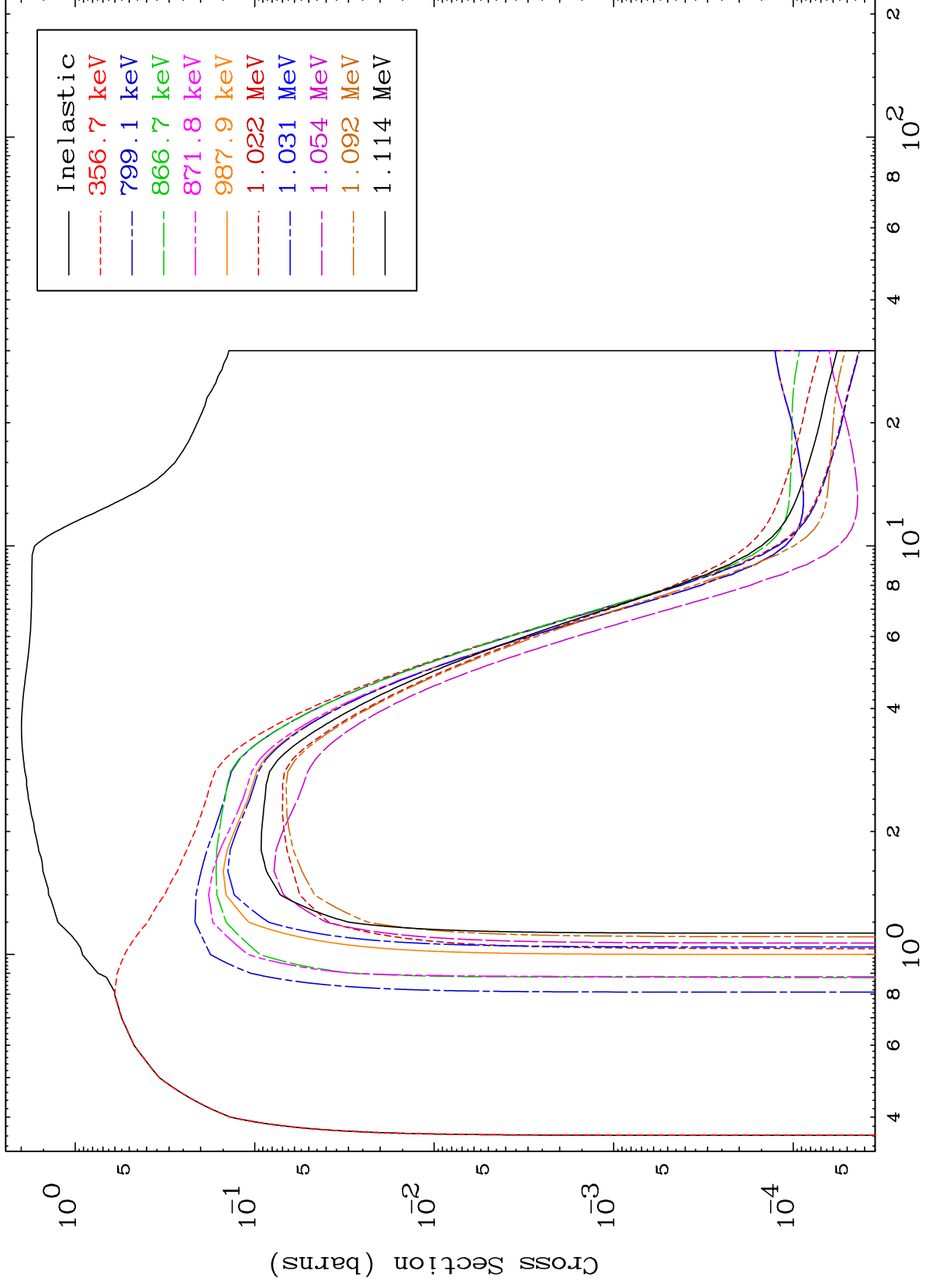




MAT 3537

(n,n') Level  
293 Kelvin Cross Sections

35-Br-83



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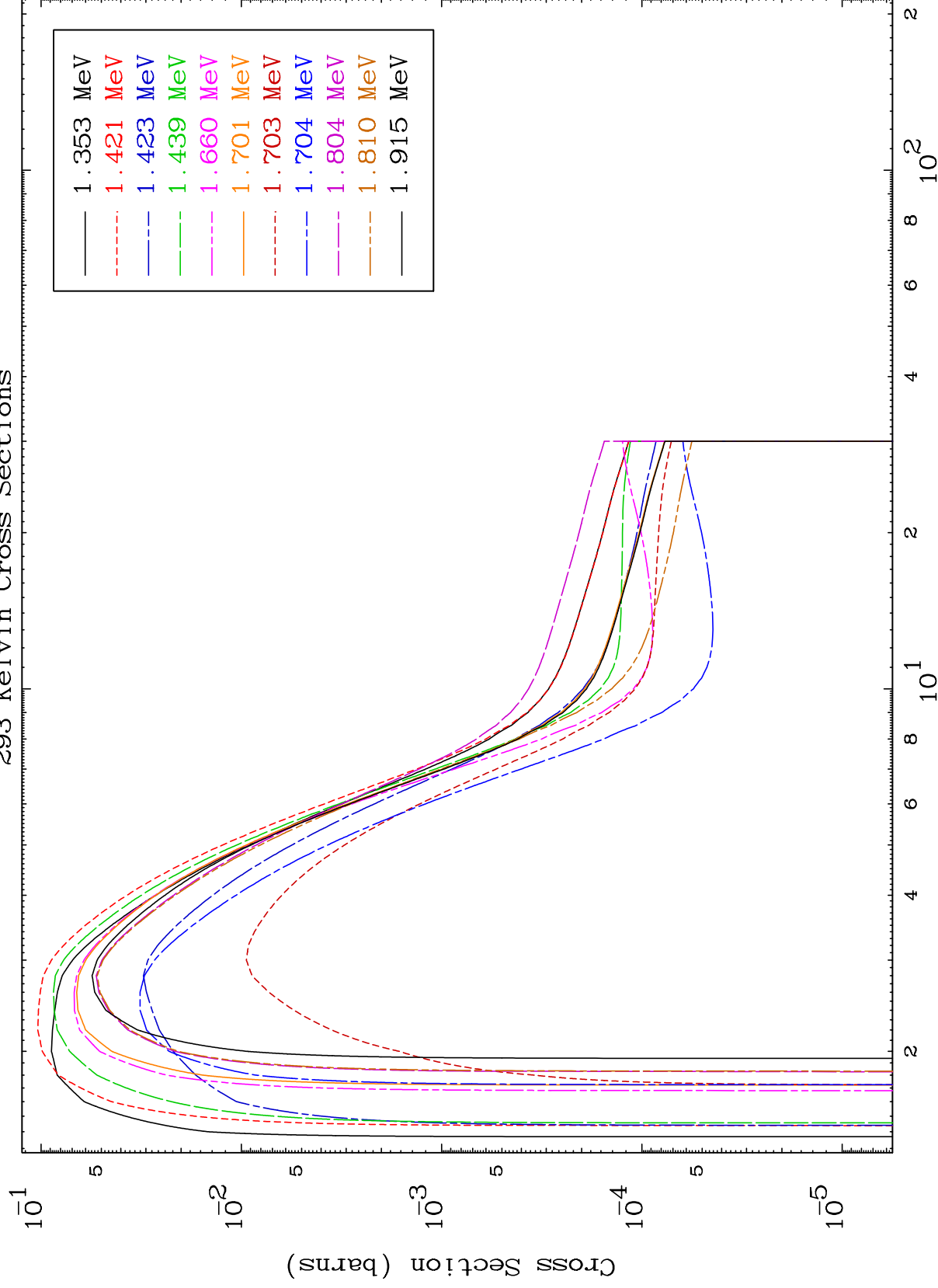
Incident Energy (MeV)

35-Br-83

MAT 3537

(n,n') Level  
293 Kelvin Cross Sections

35-Br-83



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Incident Energy (MeV)

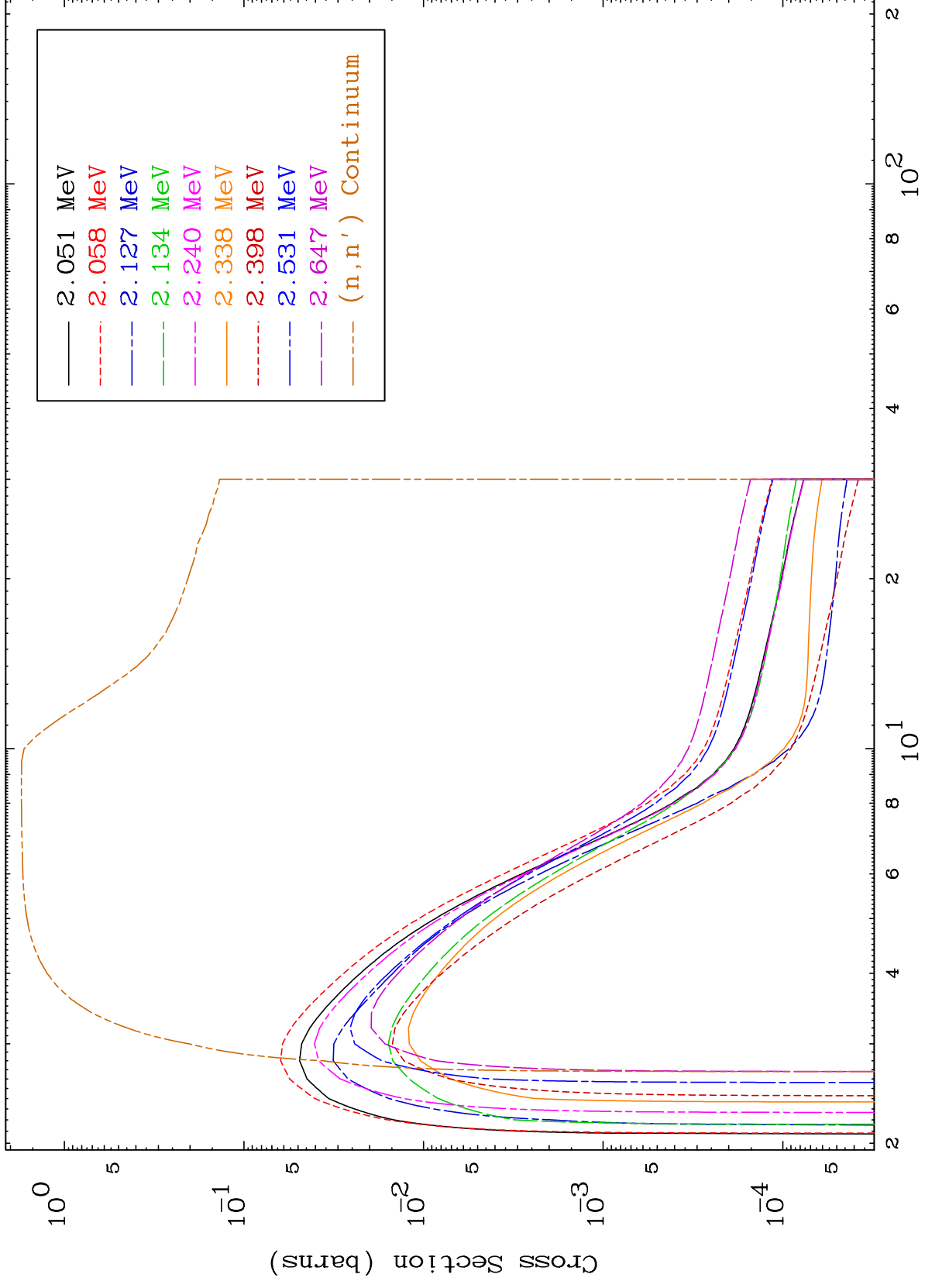
35-Br-83

MAT 3537

(n,n') Level

35-Br-83

293 Kelvin Cross Sections



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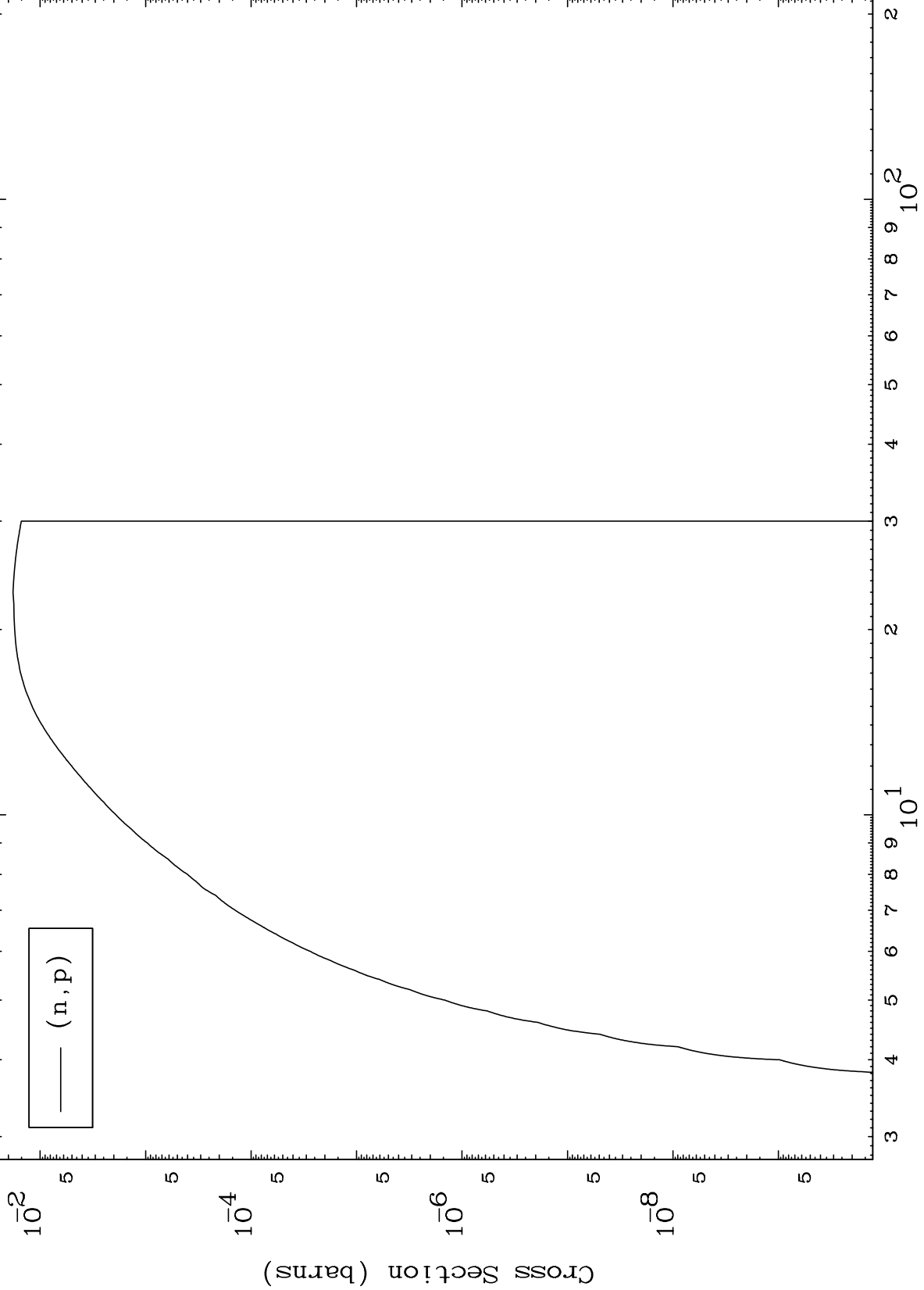
Incident Energy (MeV)

35-Br-83

MAT 3537

(n,p) Levels  
293 Kelvin Cross Sections

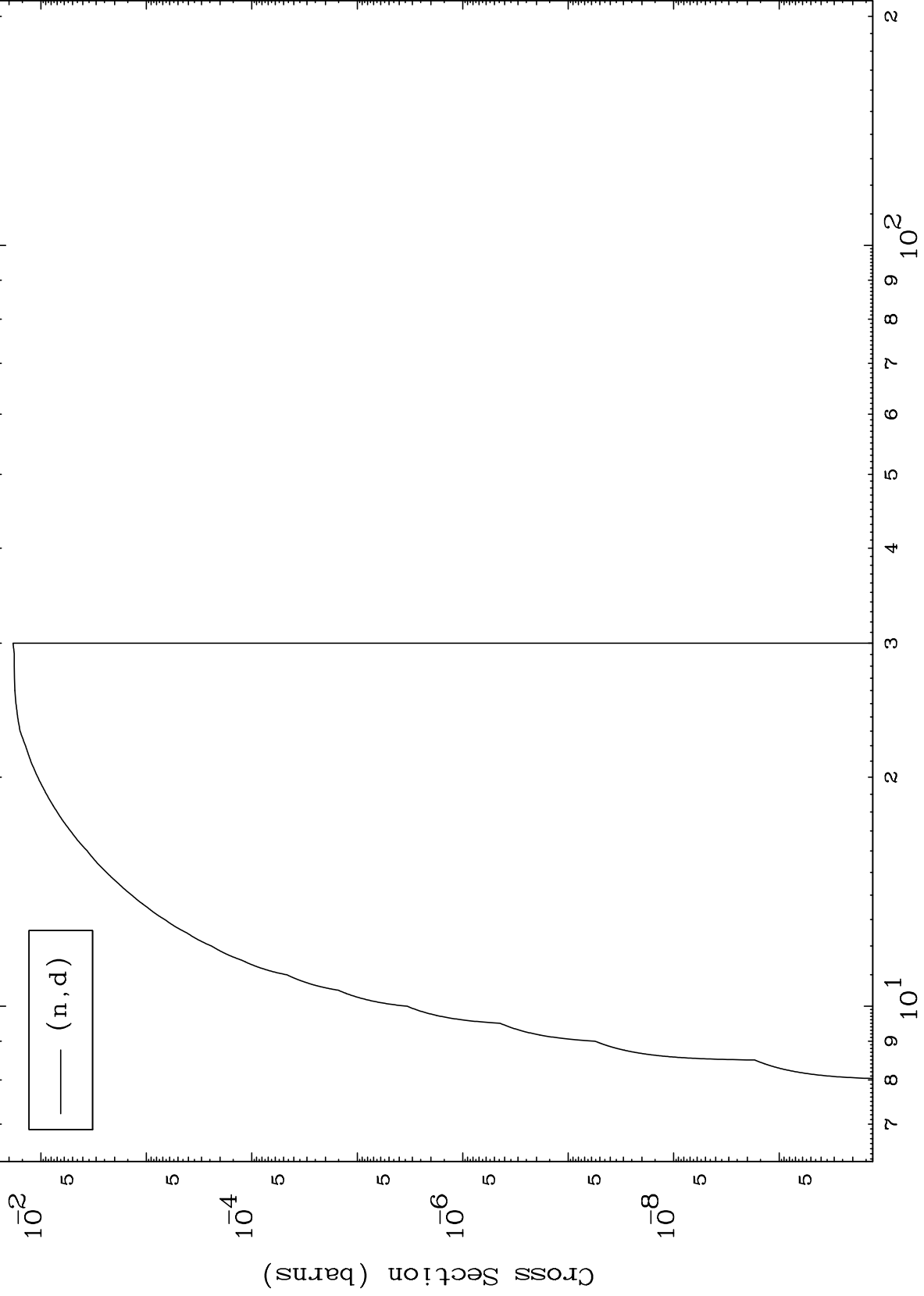
35-Br-83



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Incident Energy (MeV)

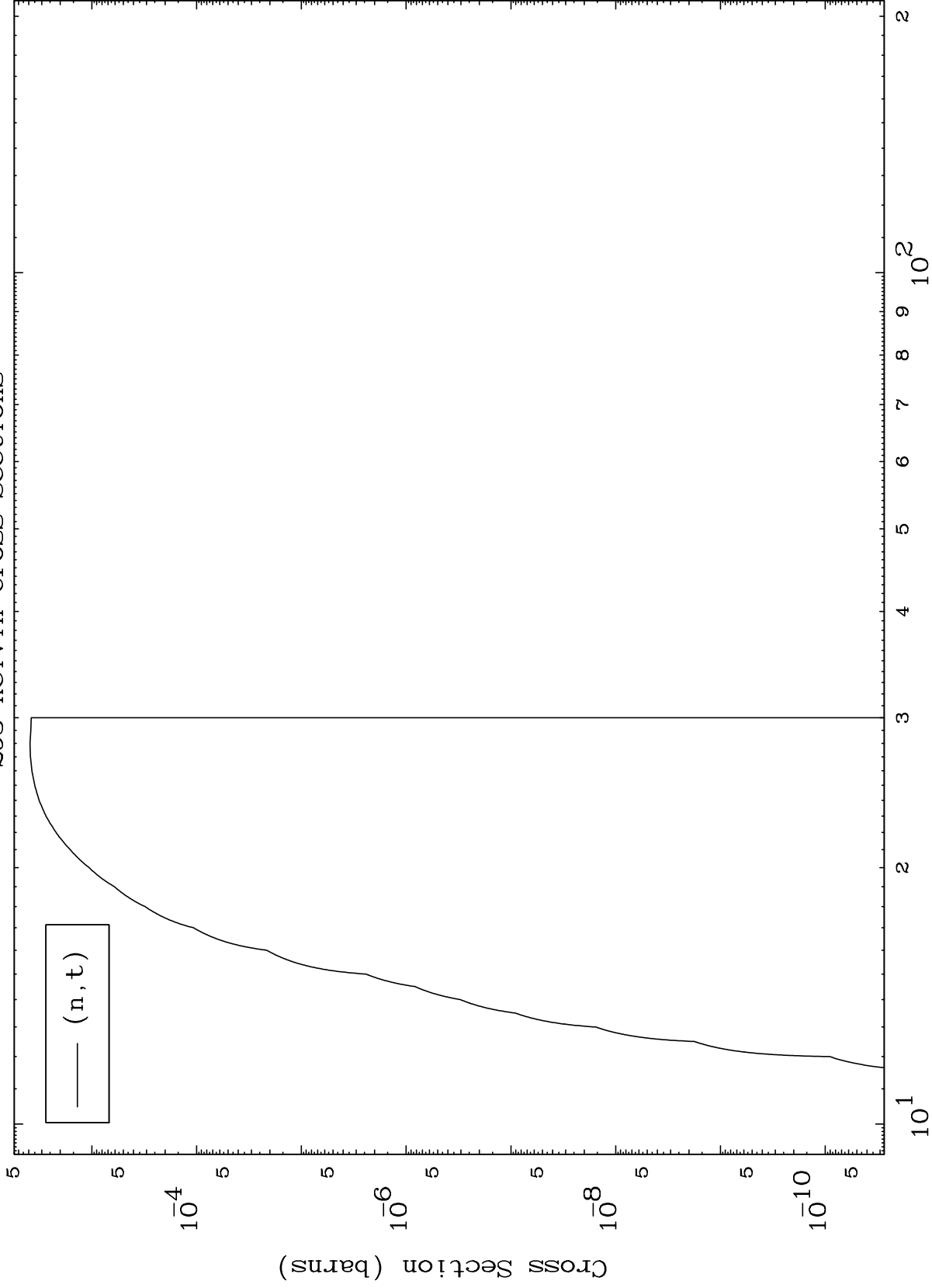
35-Br-83



MAT 3537

(n,t) Levels  
293 Kelvin Cross Sections

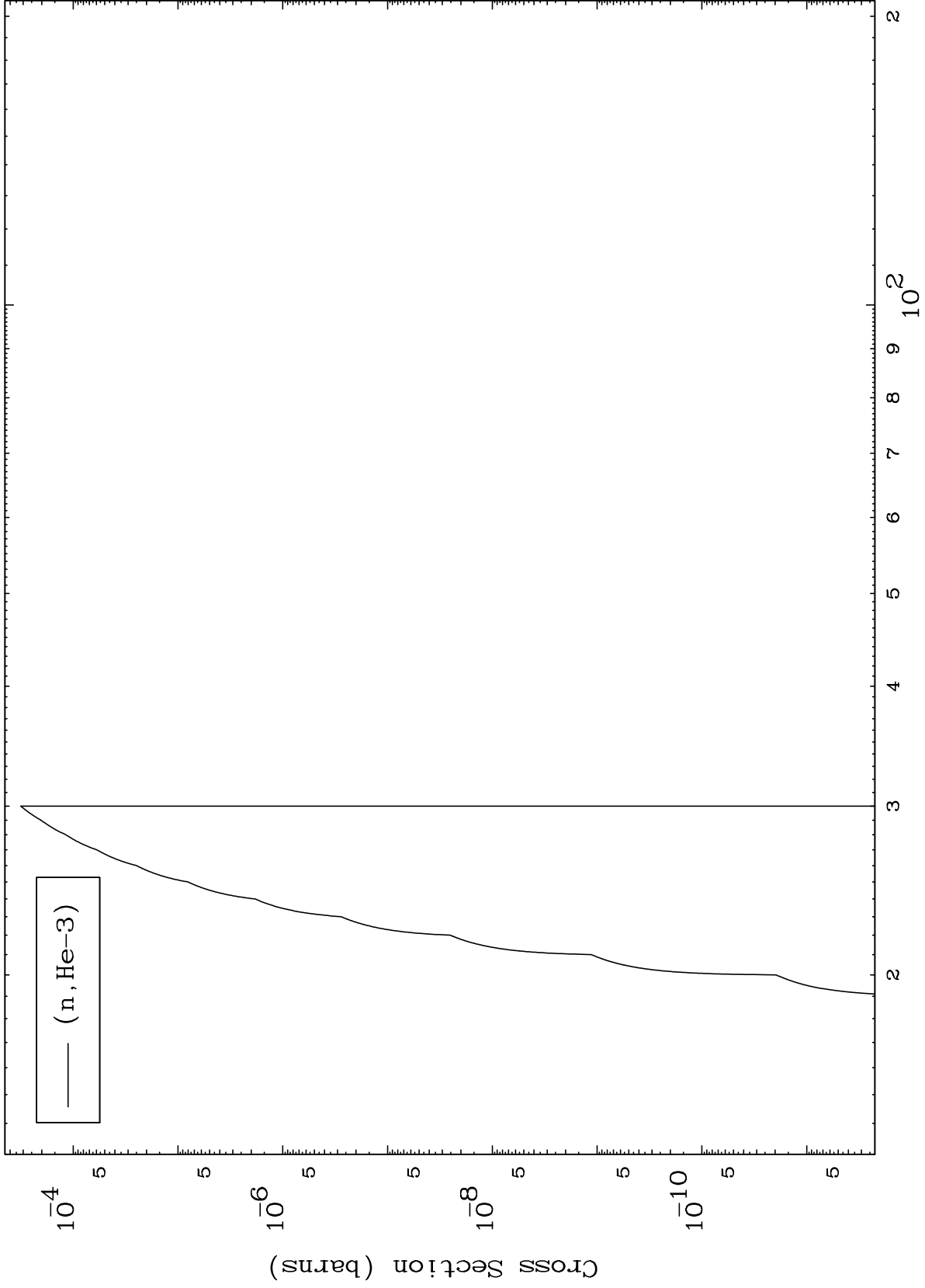
35-Br-83



Incident Energy (MeV)

35-Br-83

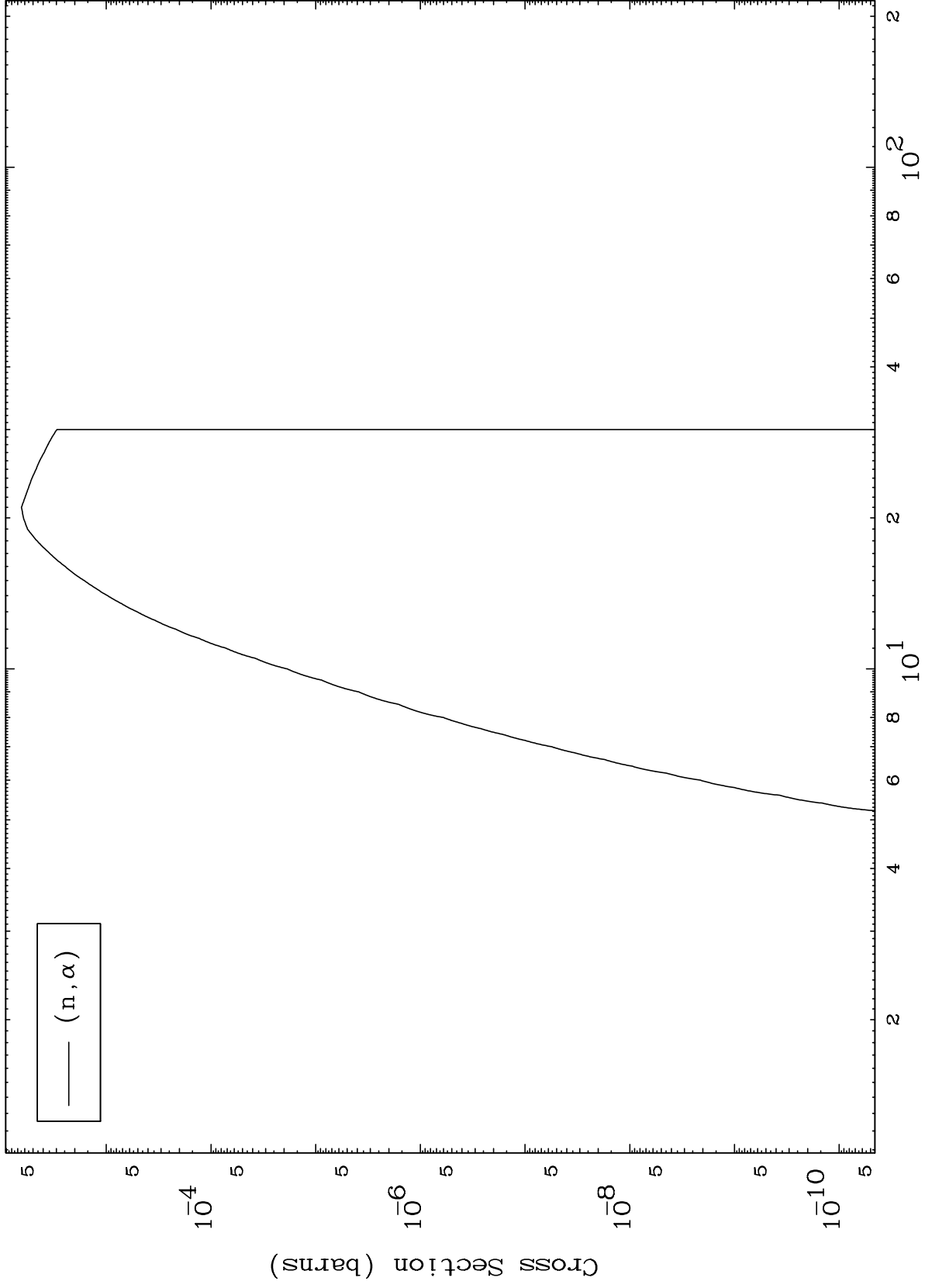
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MAT 3537

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

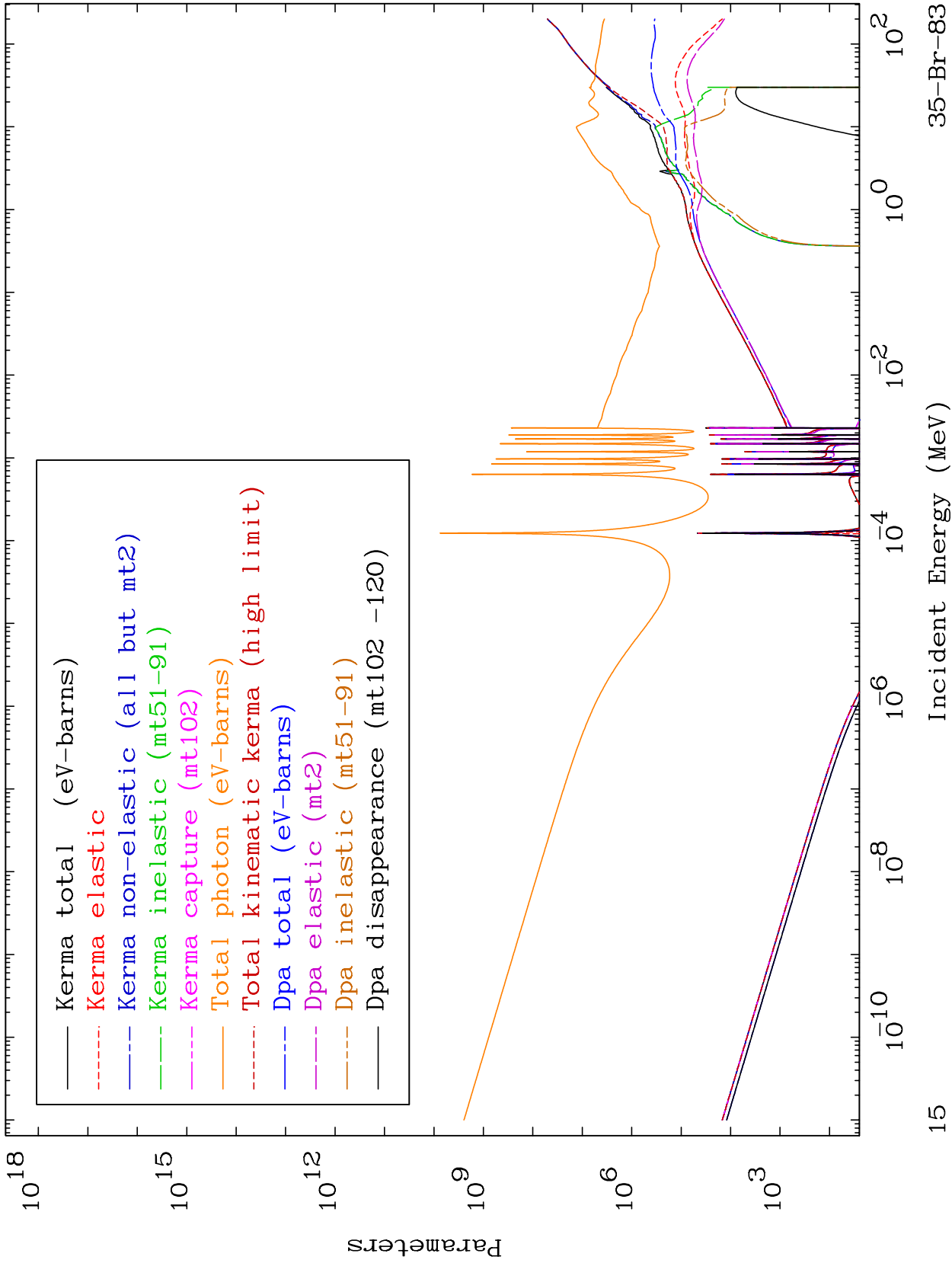
35-Br-83



14

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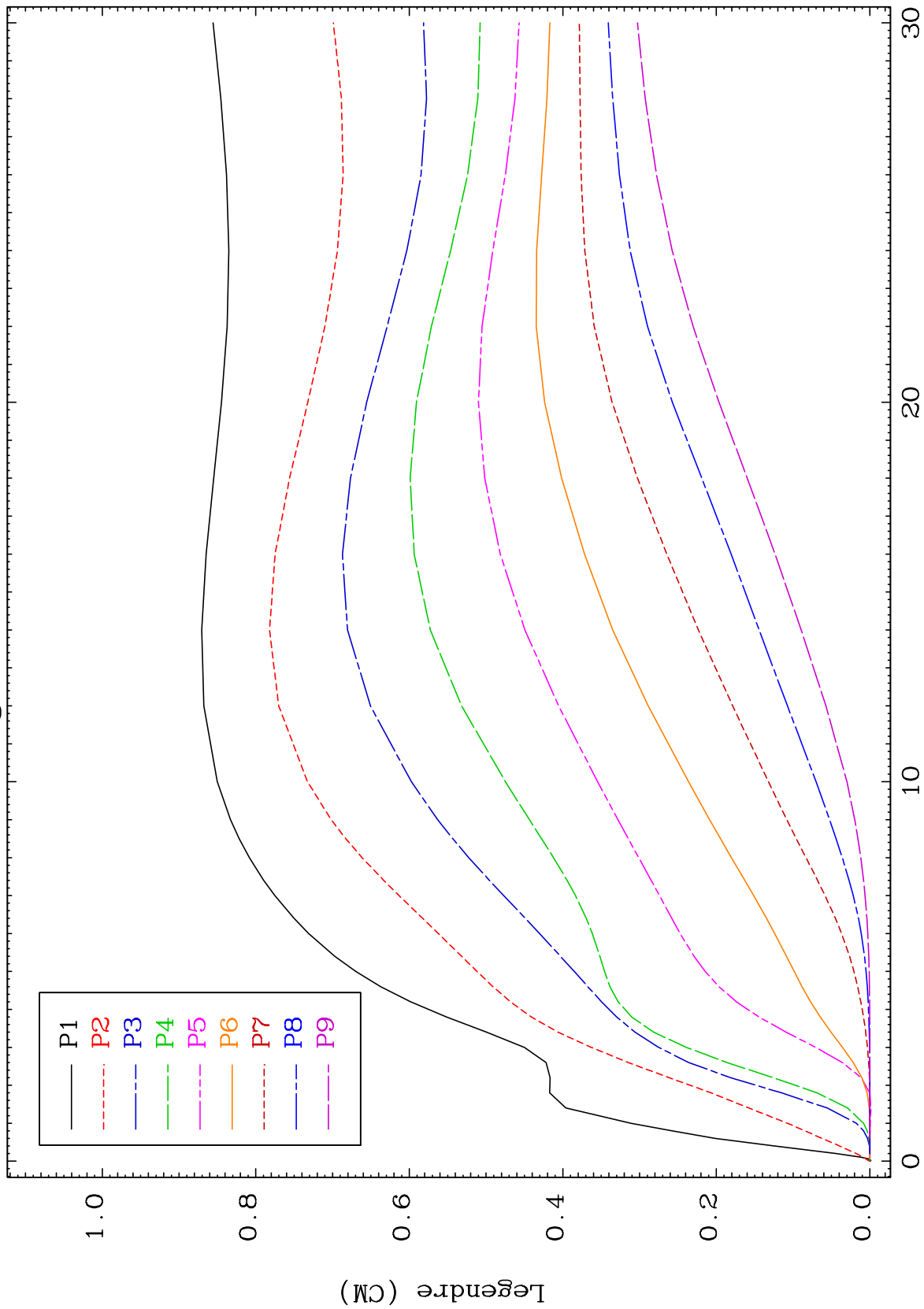
35-Br-83



MAT 3537

Elastic Legendre Coefficients

<sup>35</sup>Br-83



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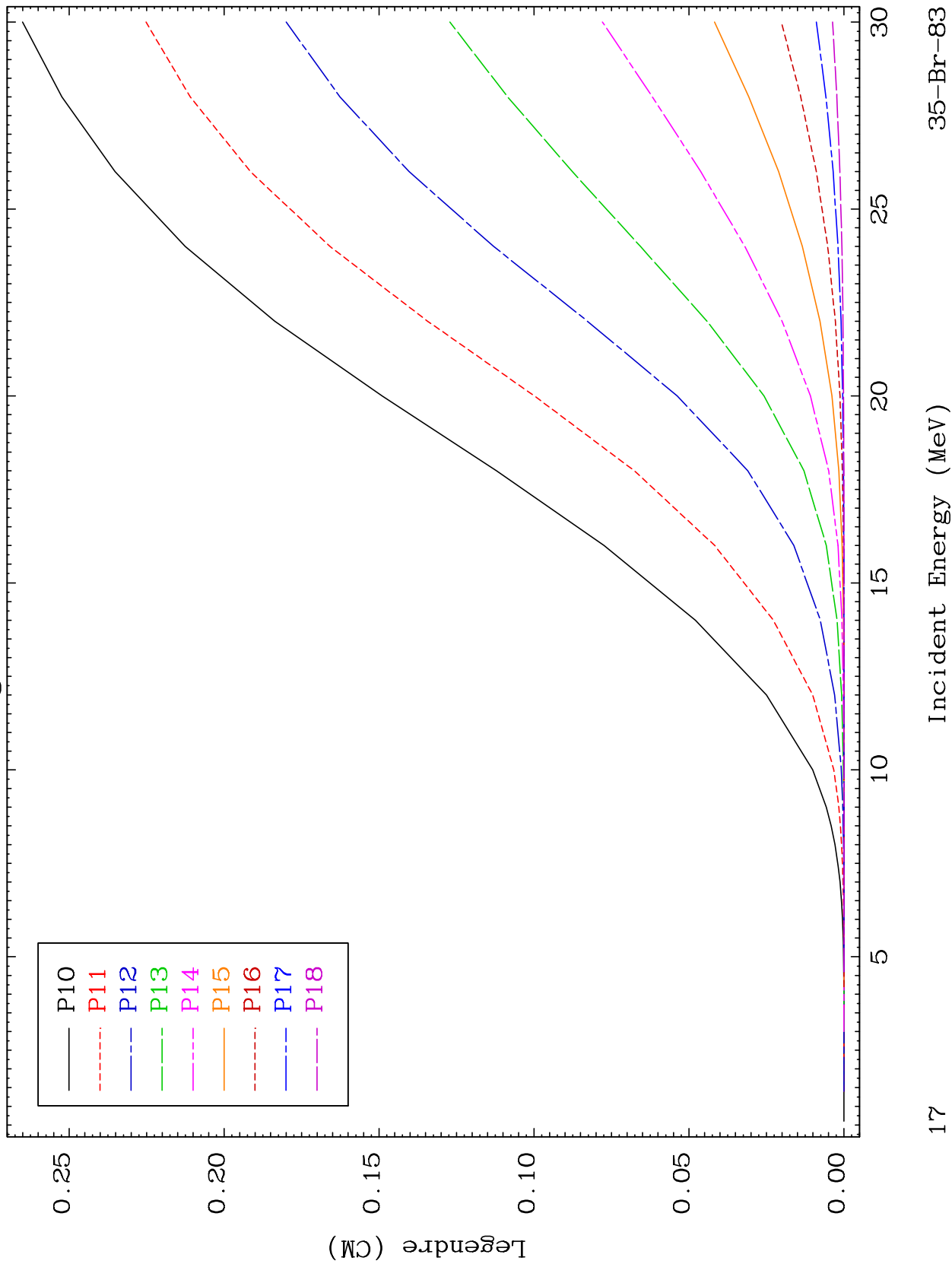
Incident Energy (MeV)

<sup>35</sup>Br-83

MAT 3537

Elastic Legendre Coefficients

35-Br-83

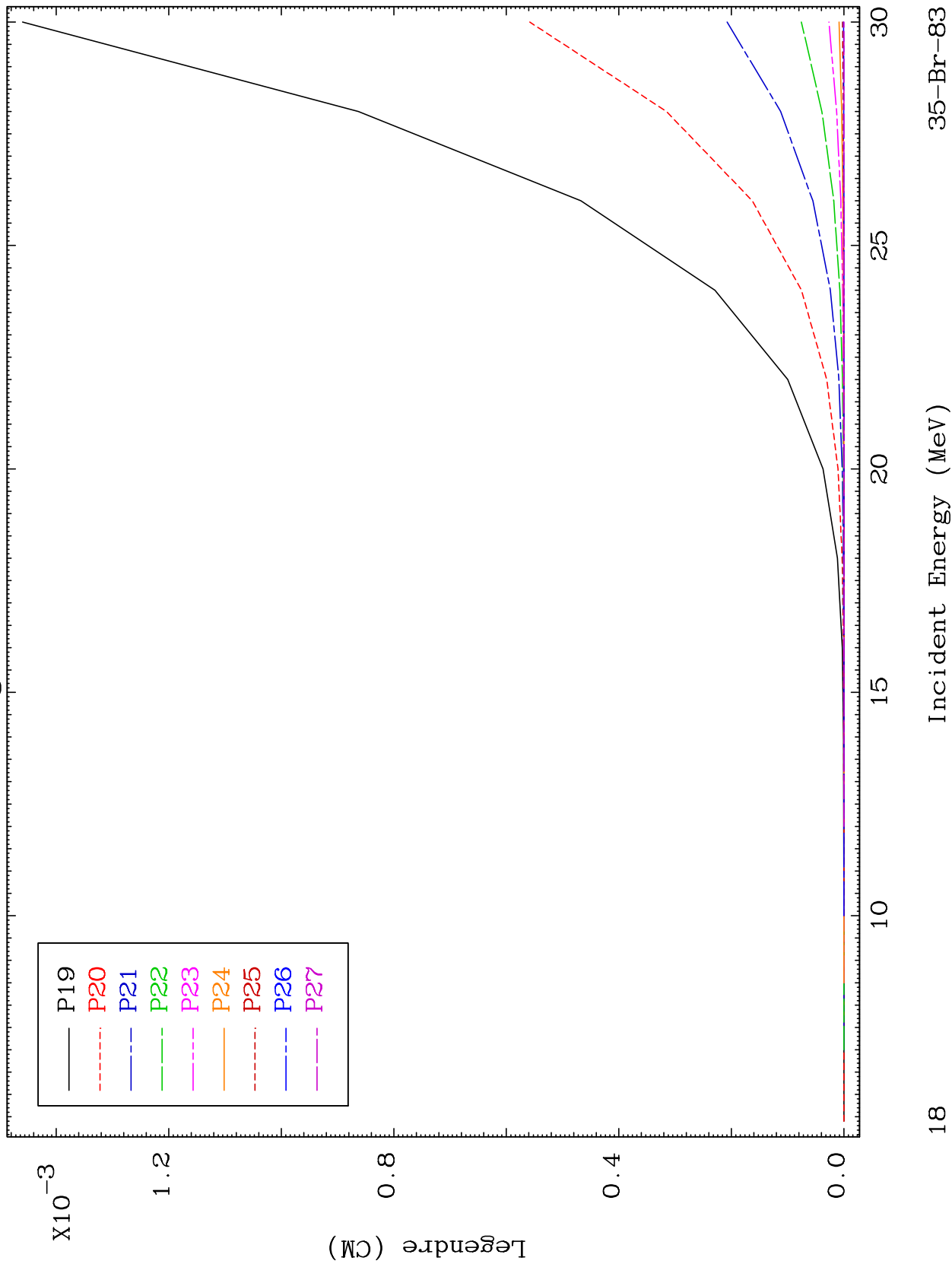


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MAT 3537

Elastic Legendre Coefficients

35-Br-83



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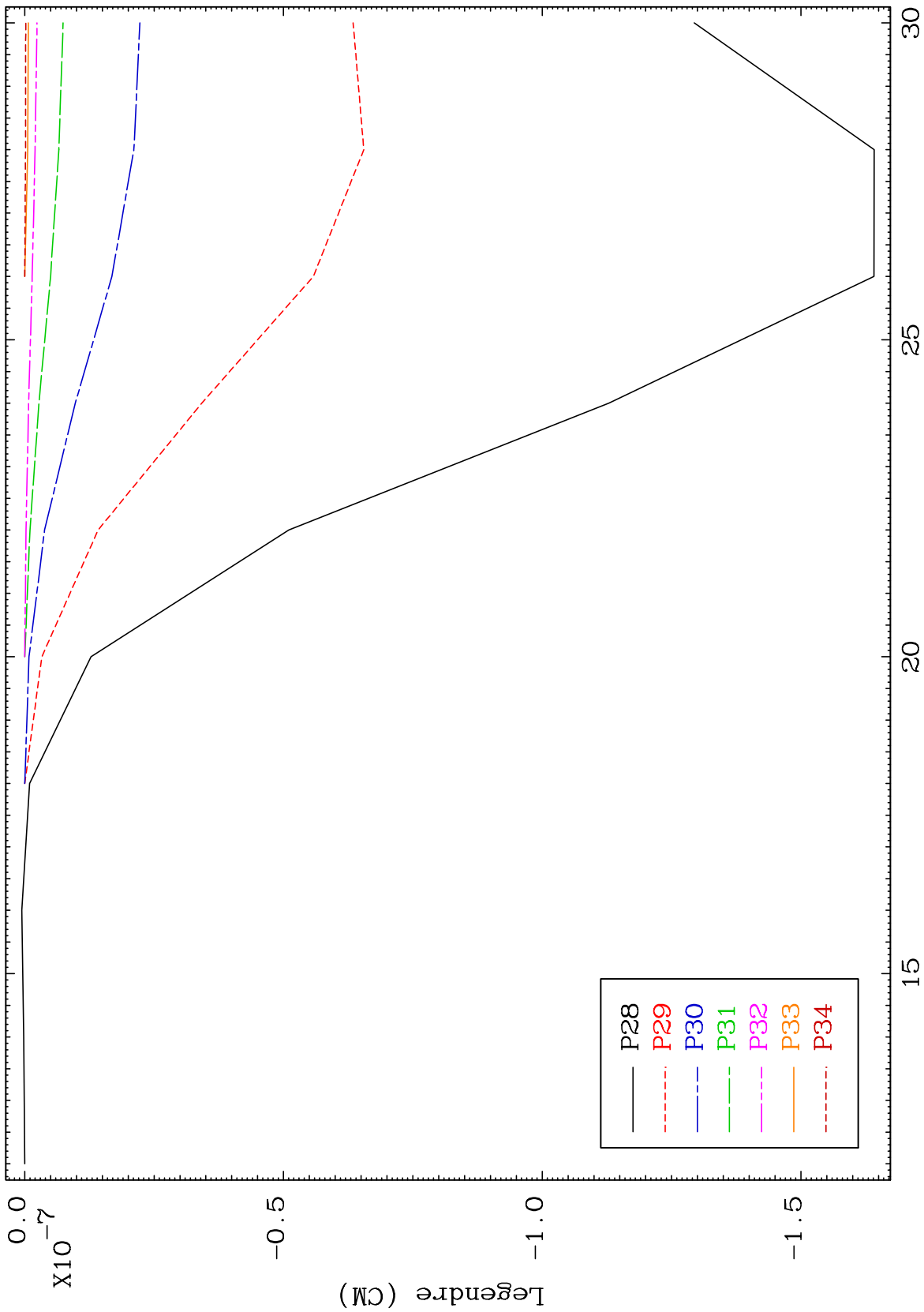
Incident Energy (MeV)

35-Br-83

MAT 3537

35-Br-83

Elastic Legendre Coefficients

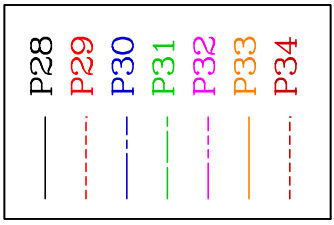


$\times 10^{-7}$

Legendre (CM)

Incident Energy (MeV)

35-Br-83

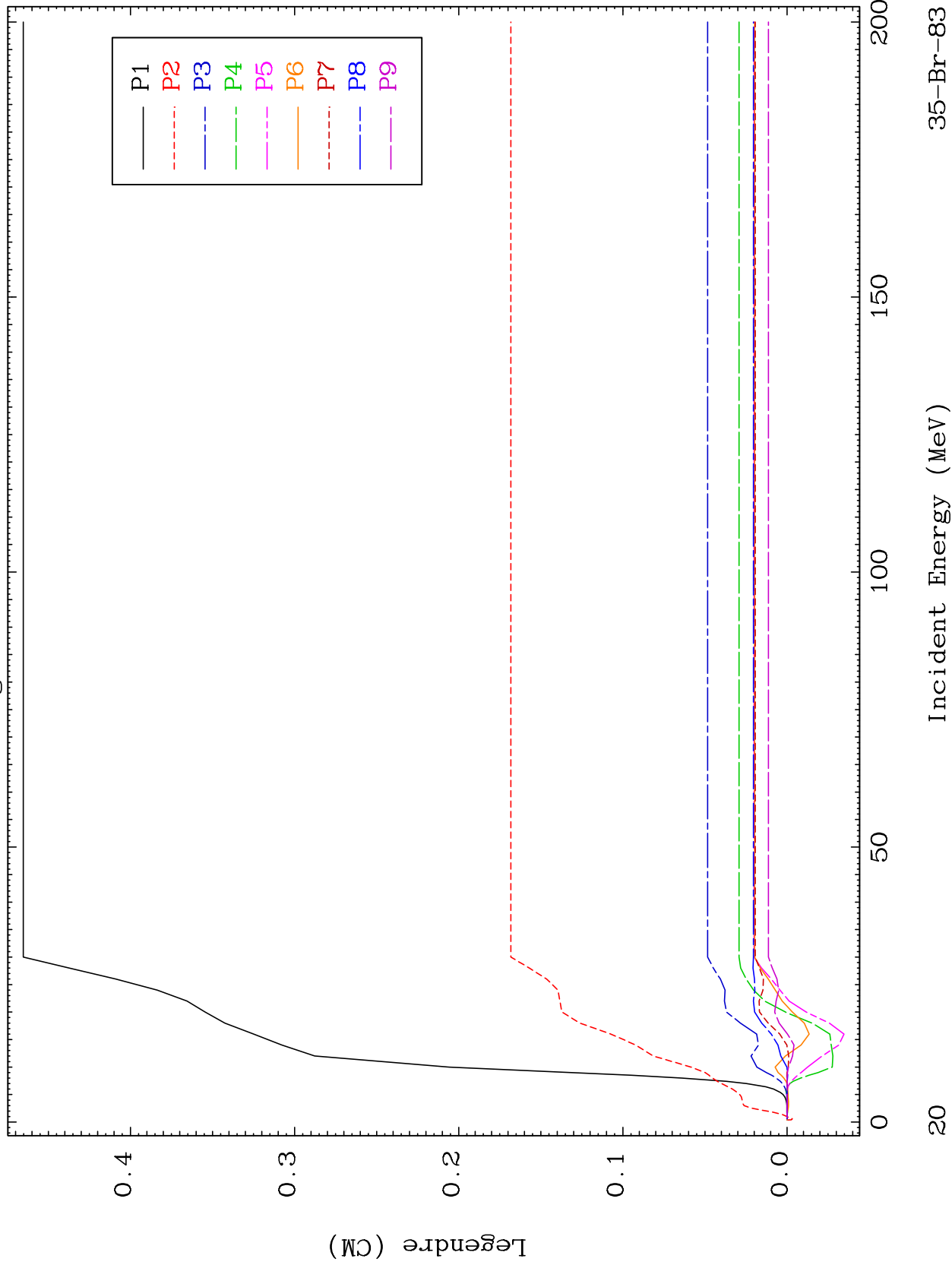


19

MAT 3537

356.7 keV (n,n') Level  
Legendre Coefficients

35-Br-83



35-Br-83

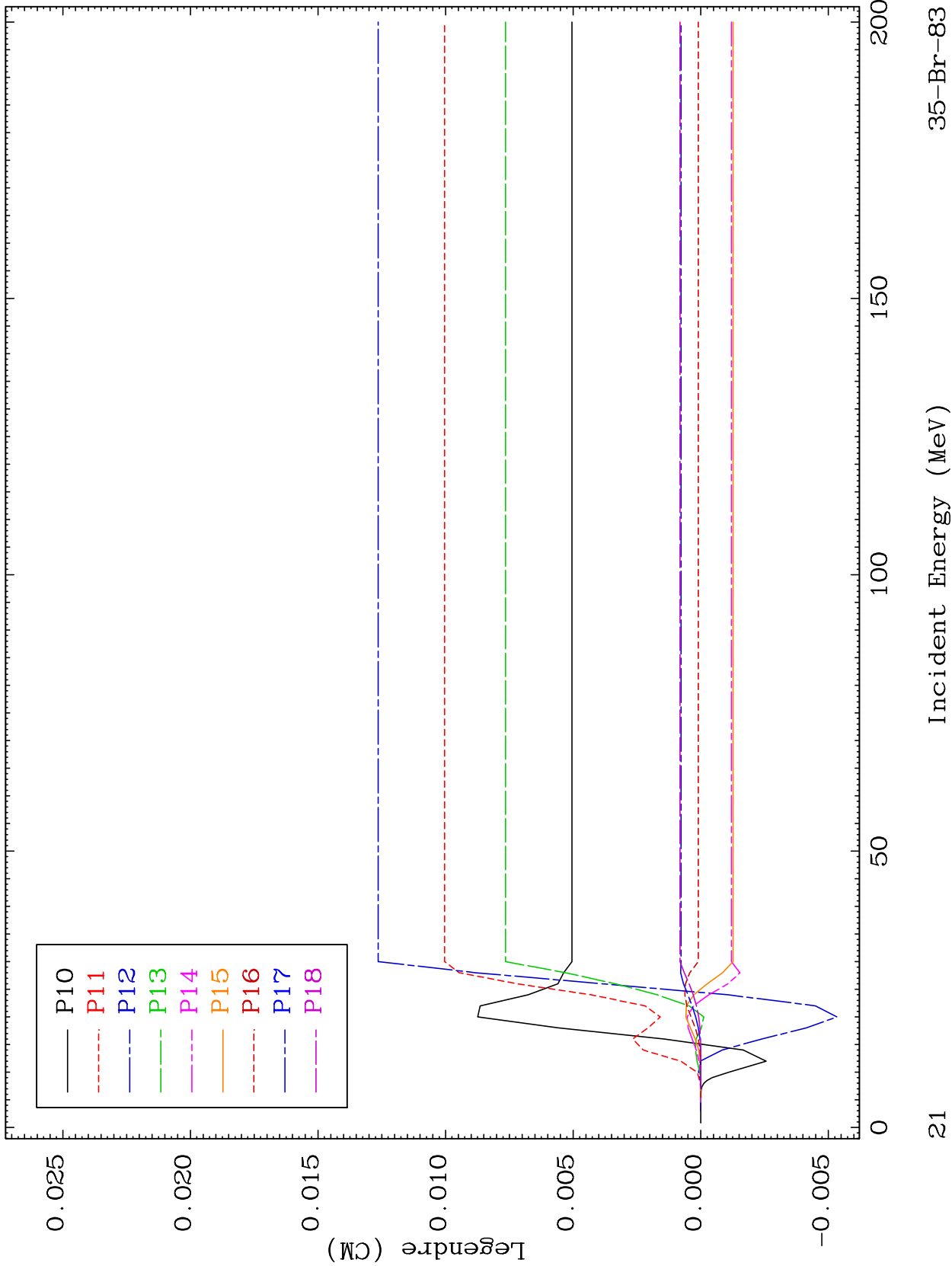
Incident Energy (MeV)

Legendre (CM)

MAT 3537

356.7 keV (n,n') Level  
Legendre Coefficients

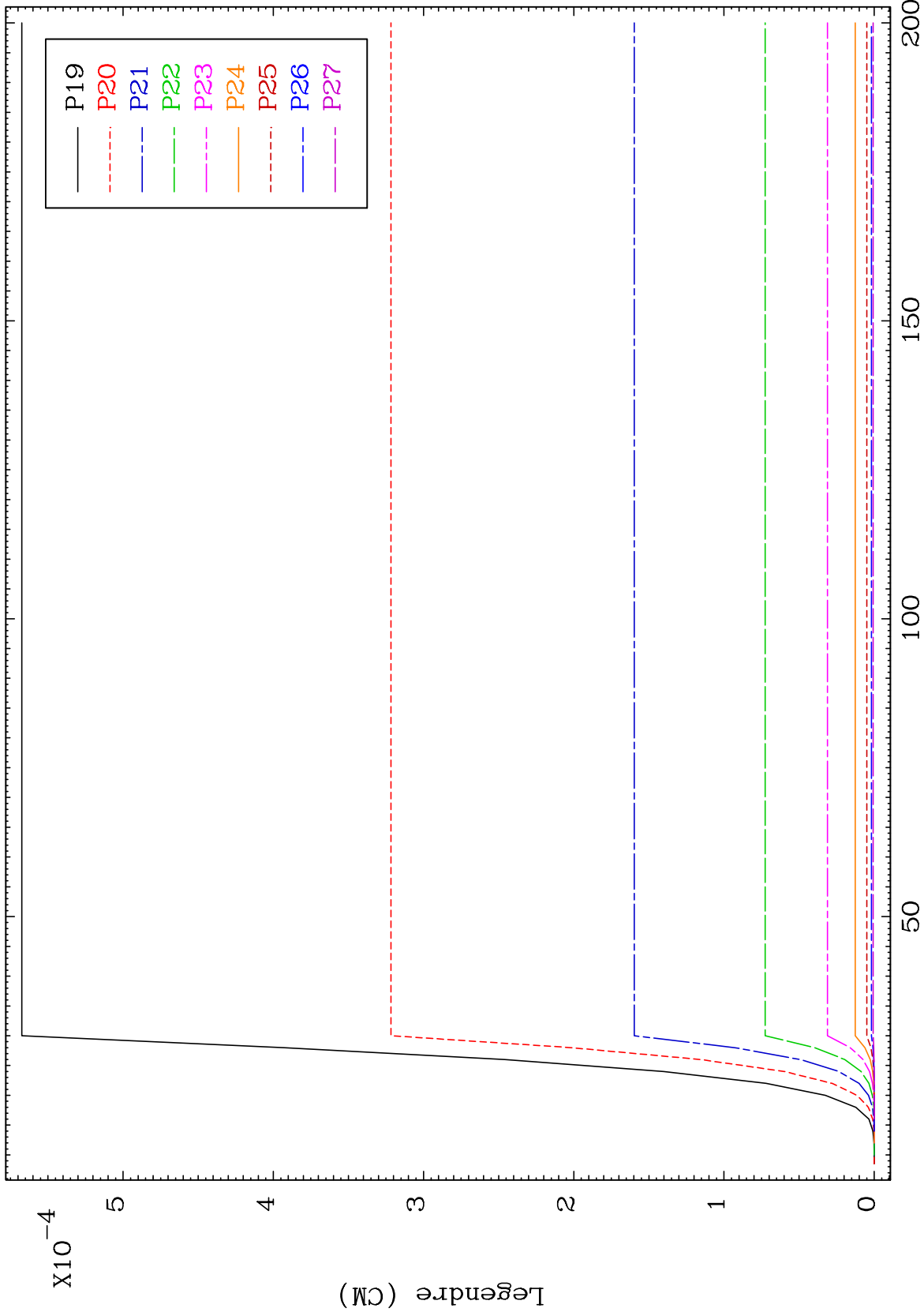
35-Br-83



MAT 3537

356.7 keV (n,n') Level  
Legendre Coefficients

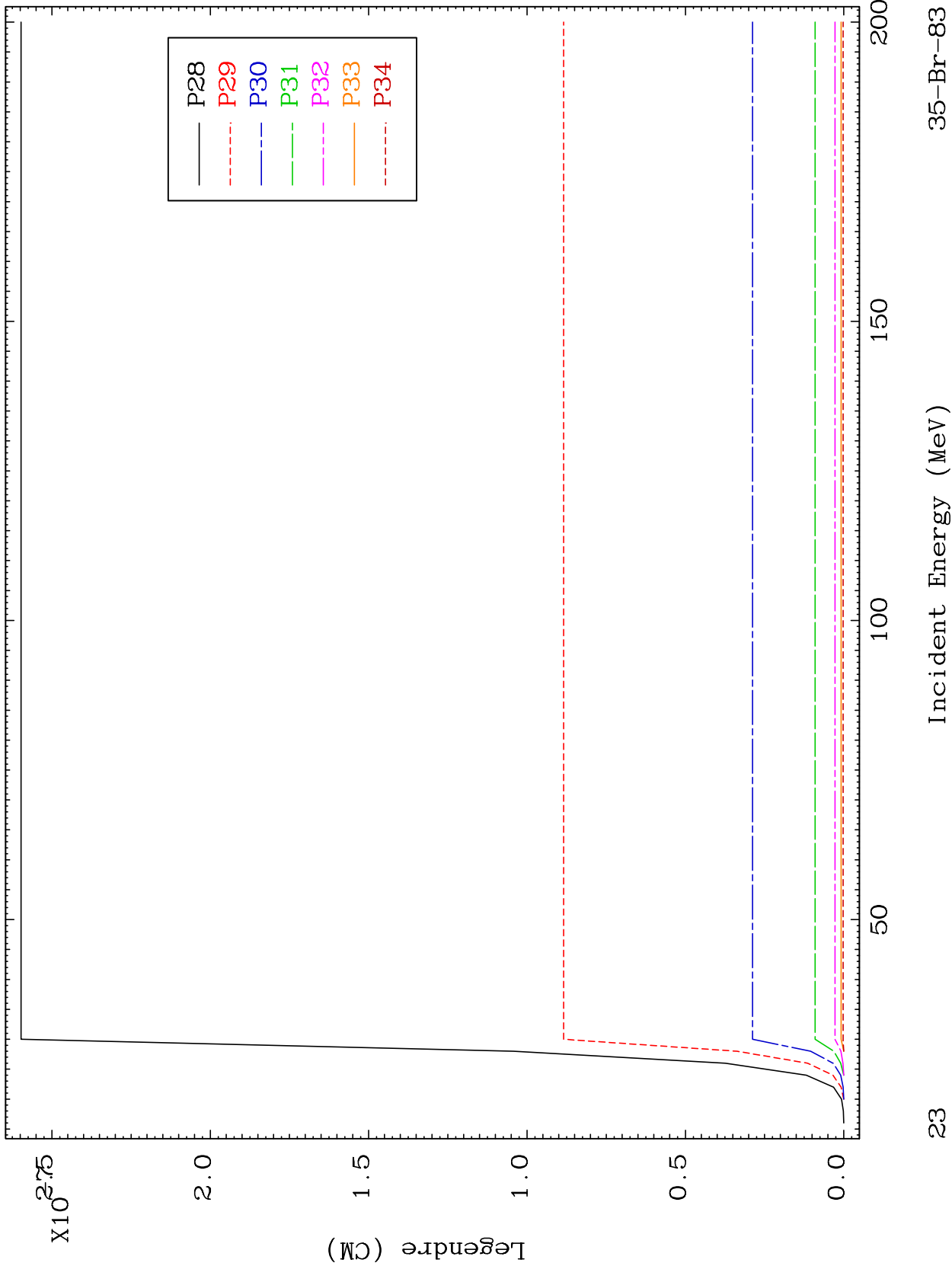
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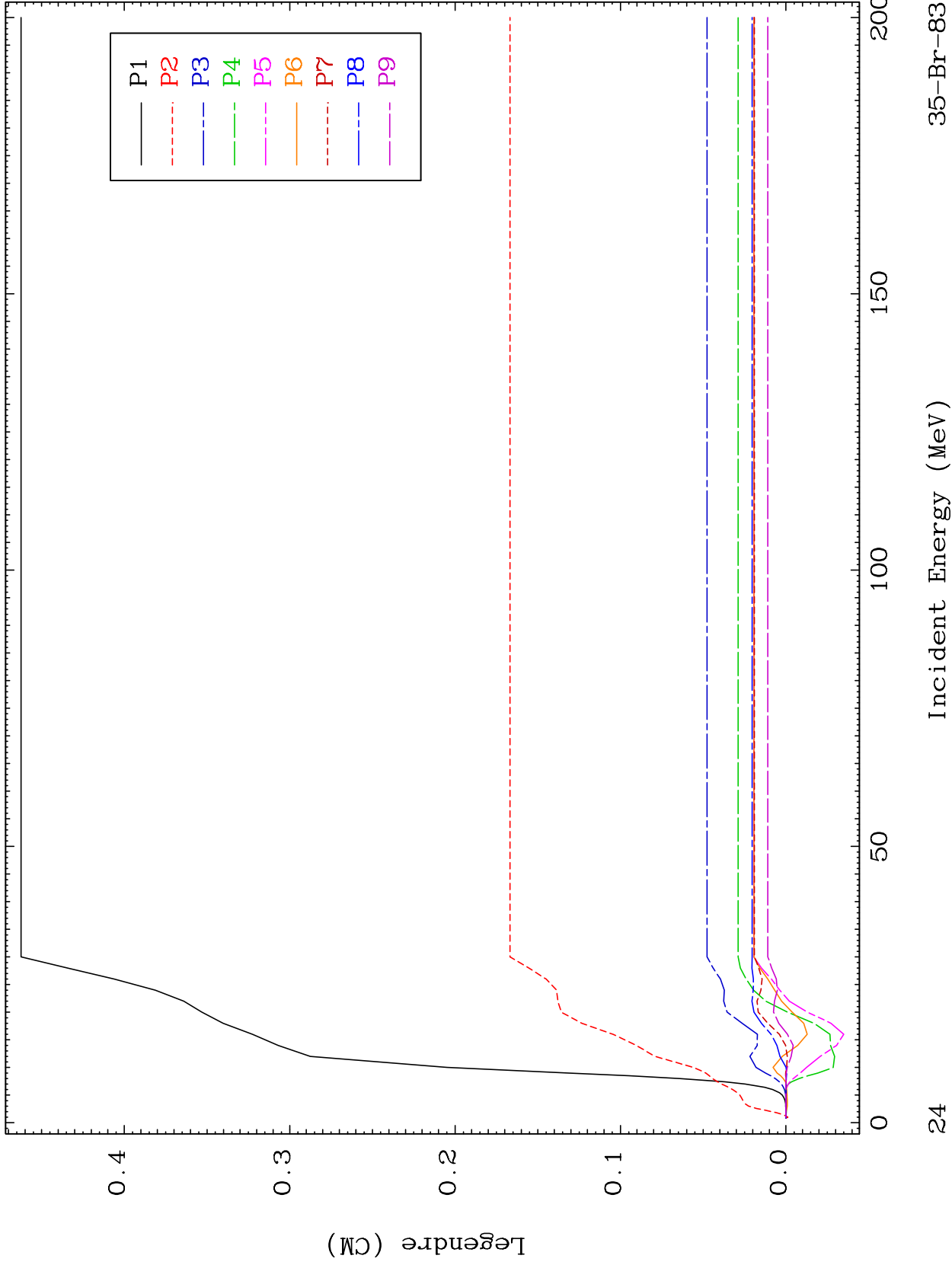


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Incident Energy (MeV)

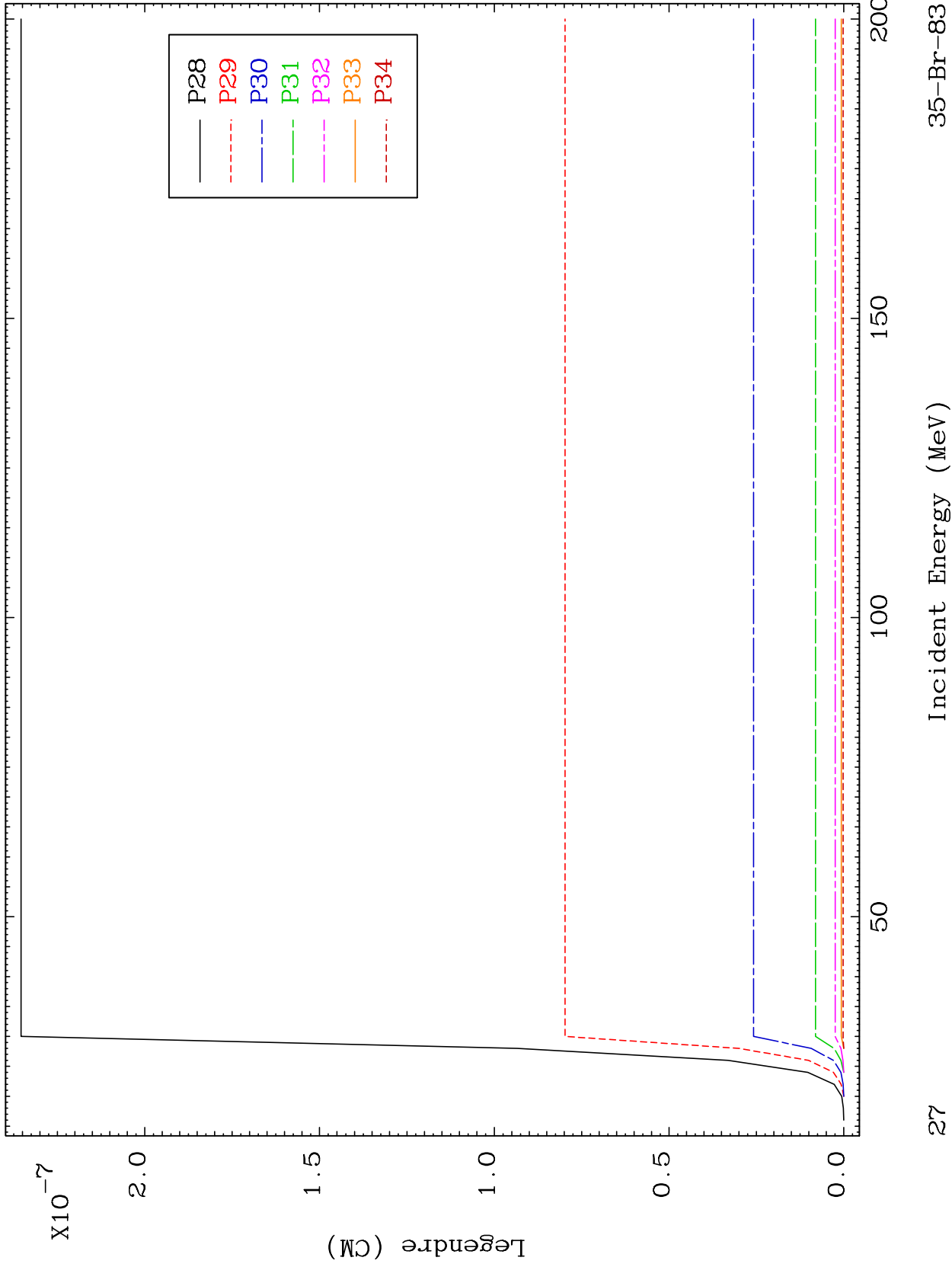
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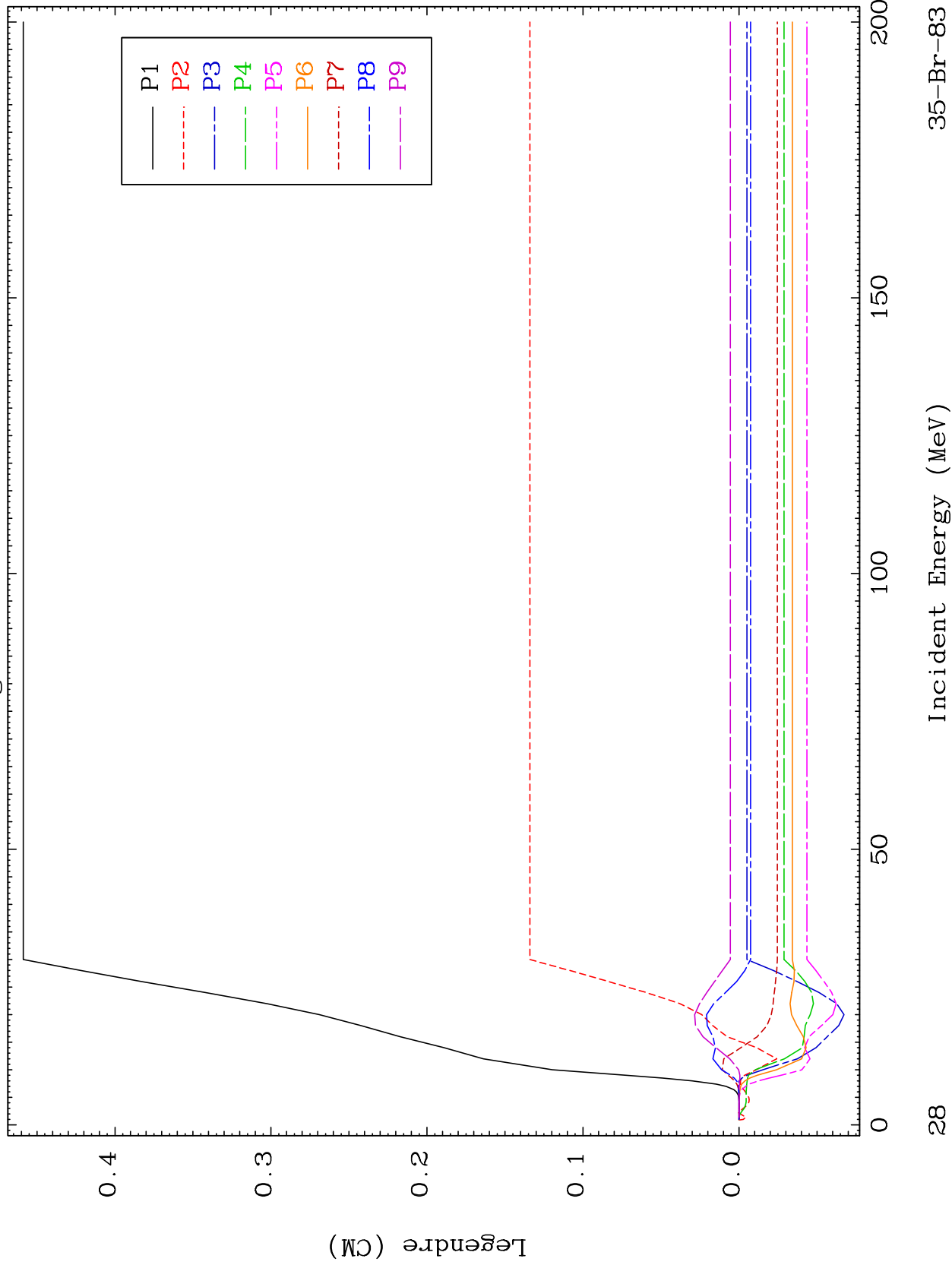




MAT 3537

866.7 keV (n,n') Level  
Legendre Coefficients

35-Br-83



28

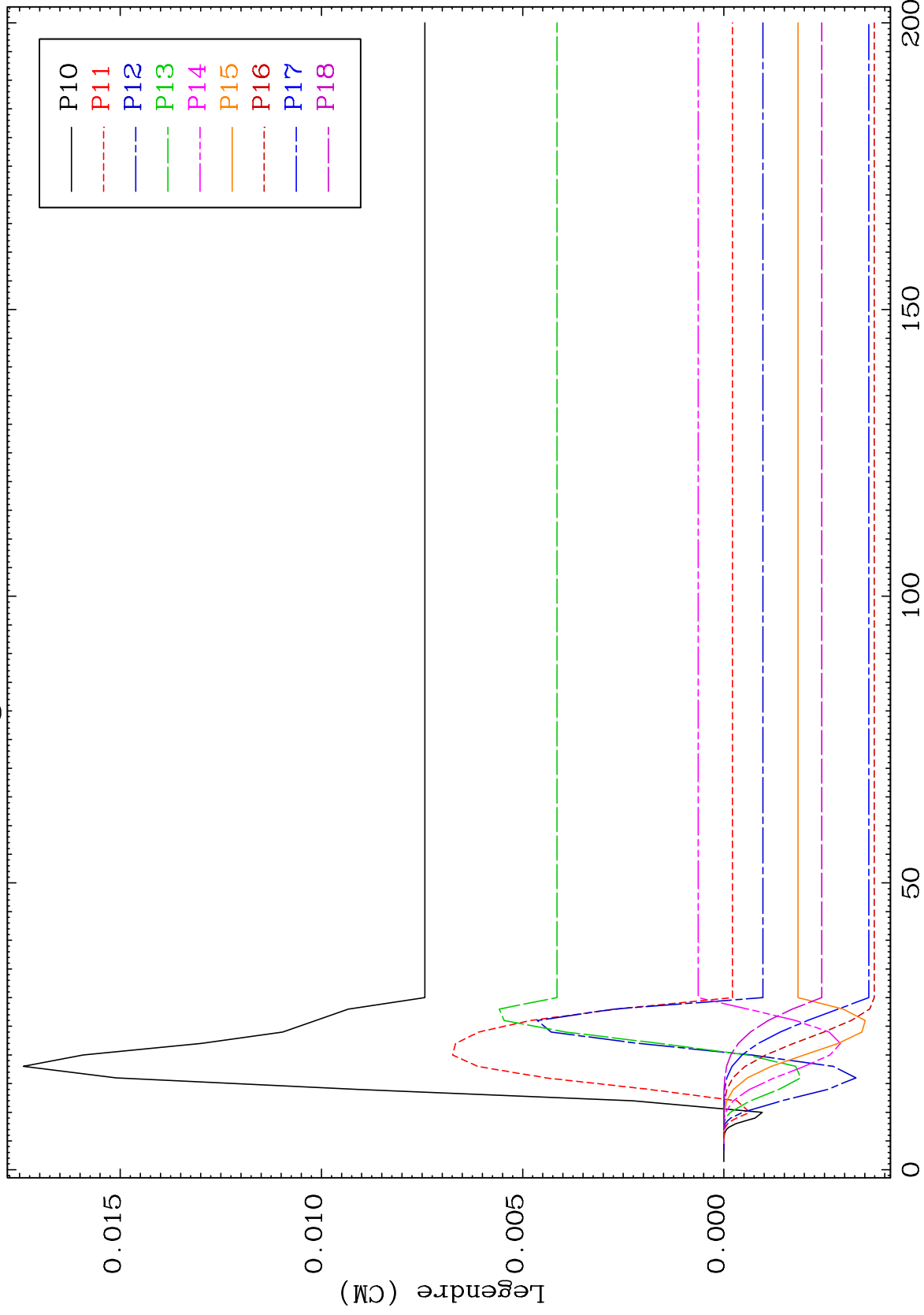
Incident Energy (MeV)

35-Br-83

MAT 3537

866.7 keV (n,n') Level  
Legendre Coefficients

35-Br-83

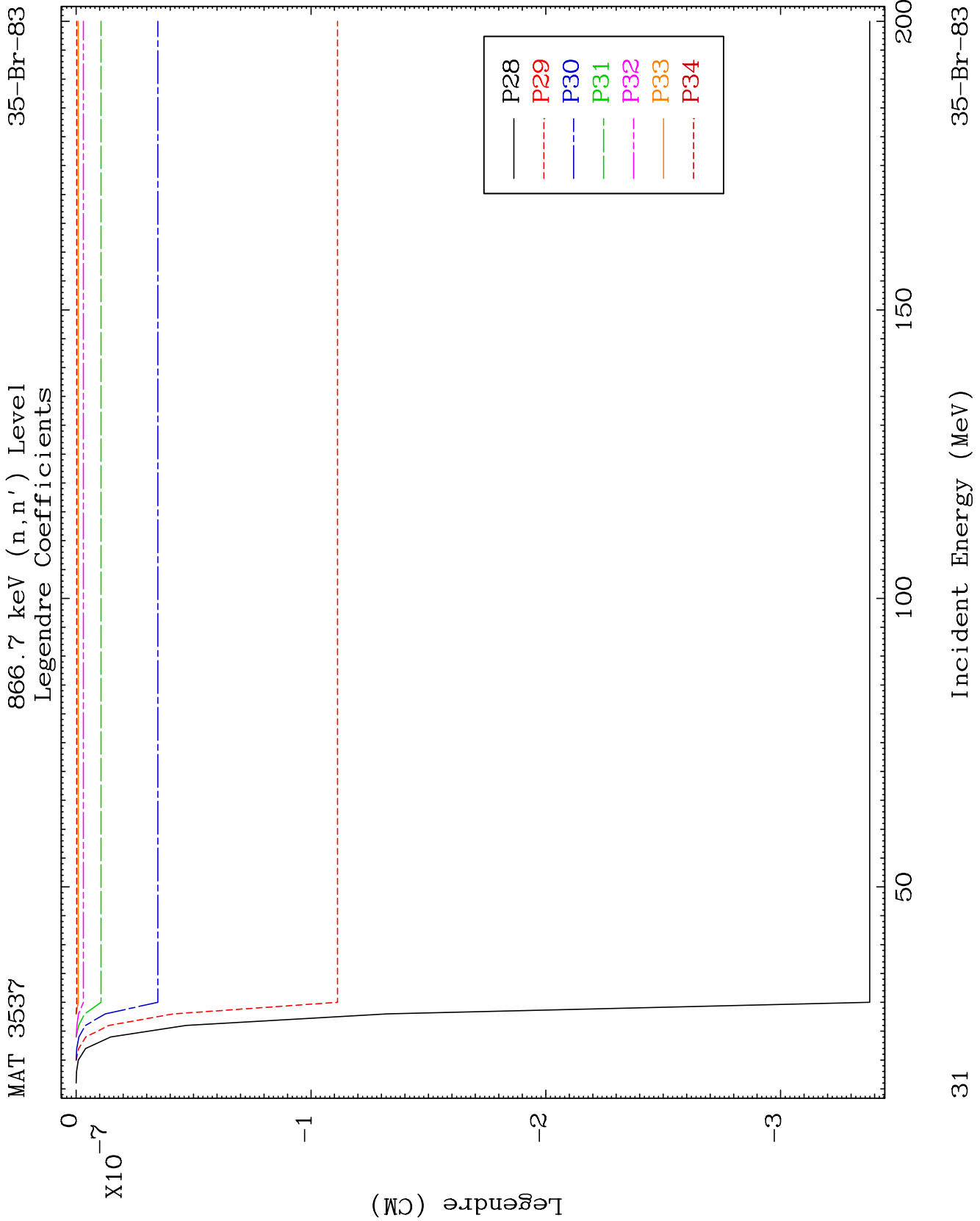


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Incident Energy (MeV)

35-Br-83

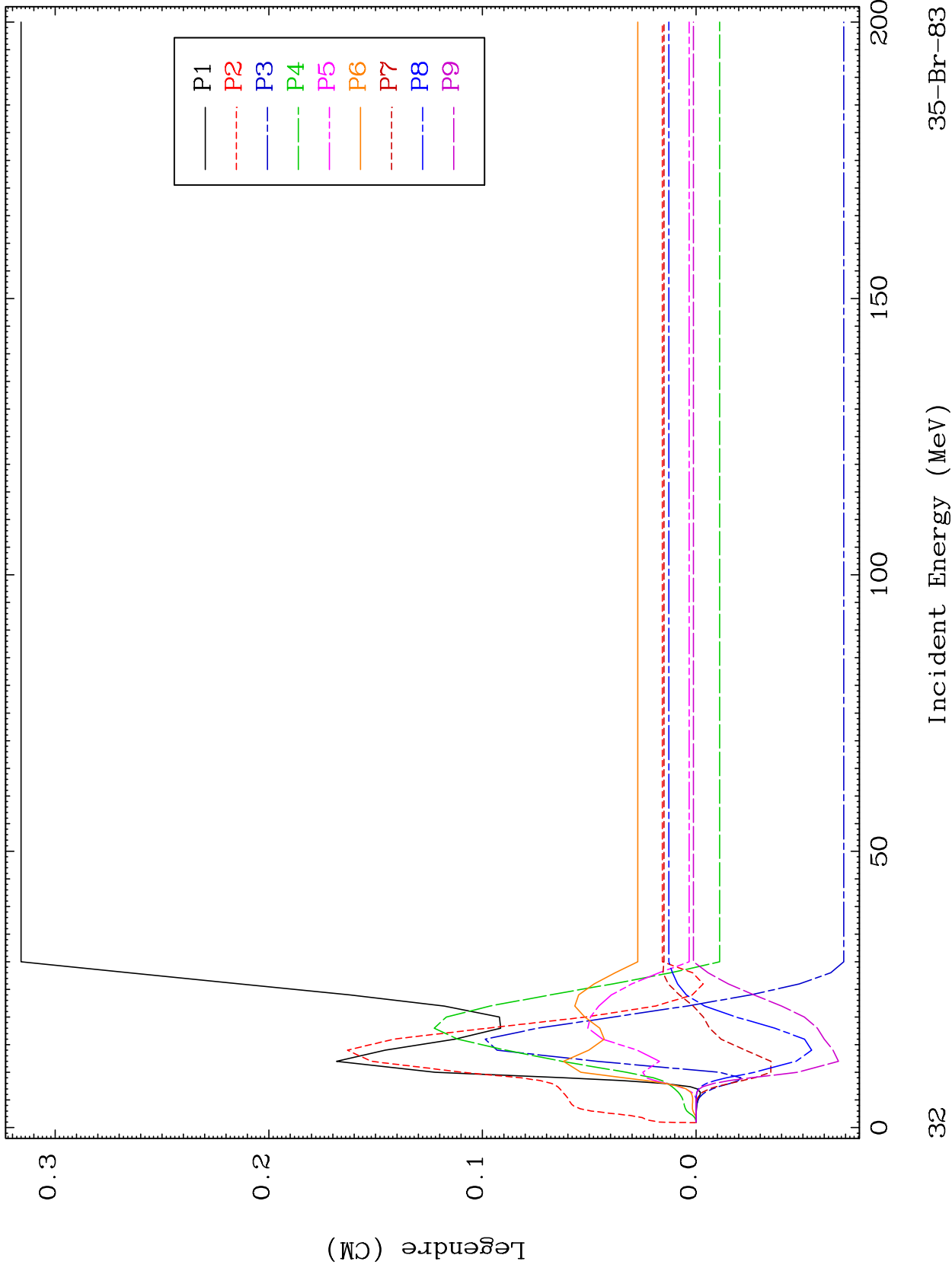




MAT 3537

871.8 keV (n,n') Level  
Legendre Coefficients

35-Br-83



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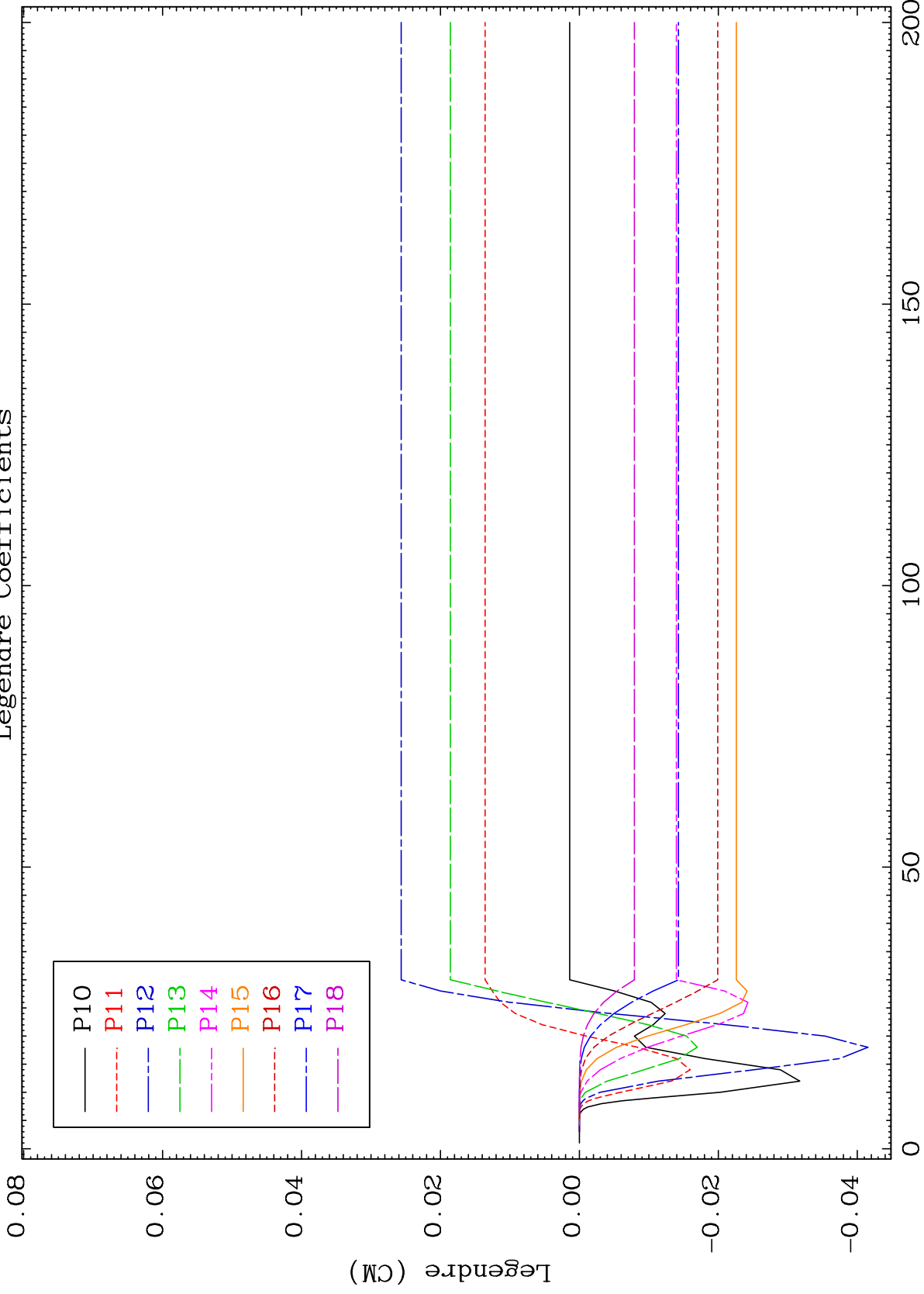
Incident Energy (MeV)

35-Br-83

MAT 3537

871.8 keV (n,n') Level  
Legendre Coefficients

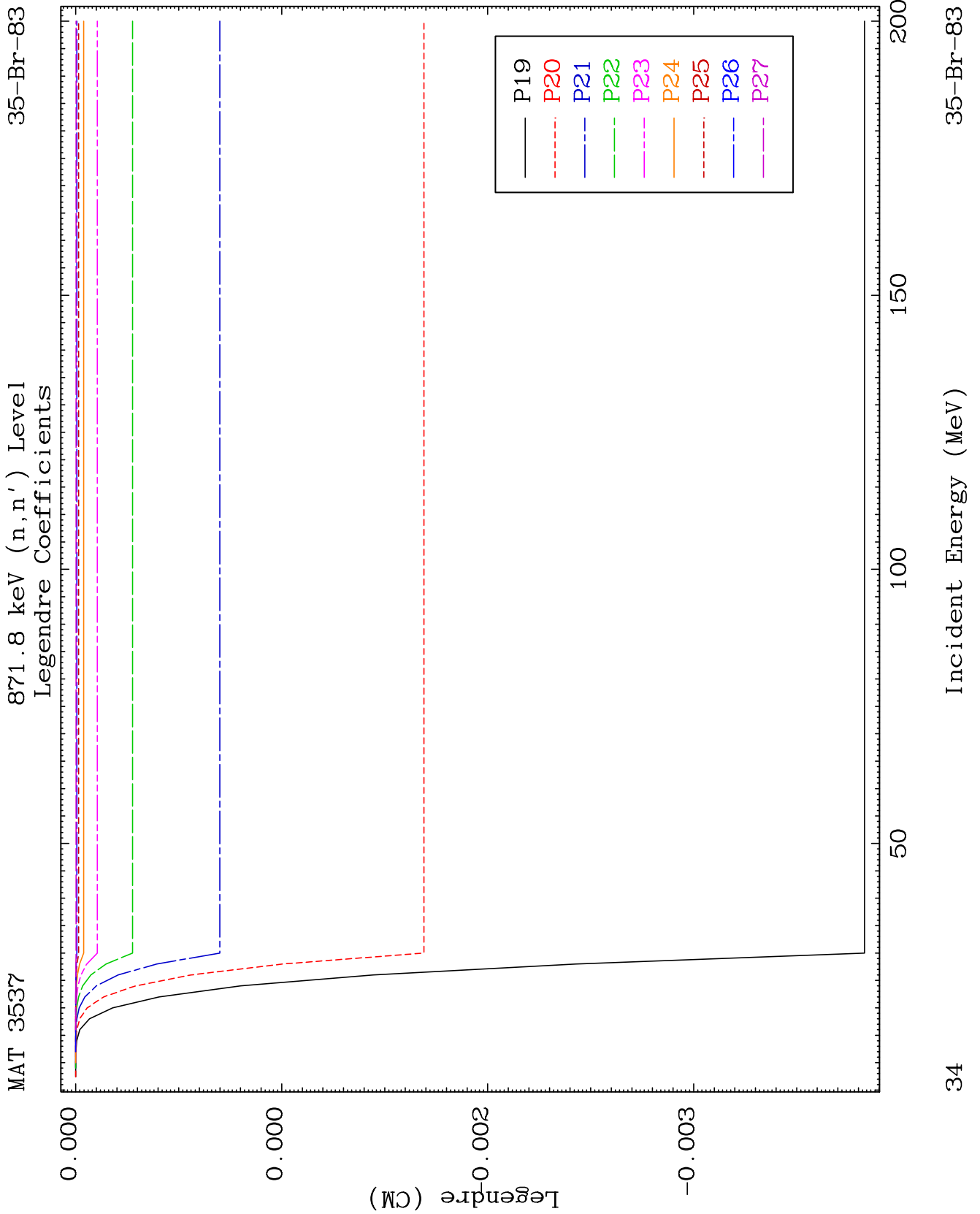
35-Br-83

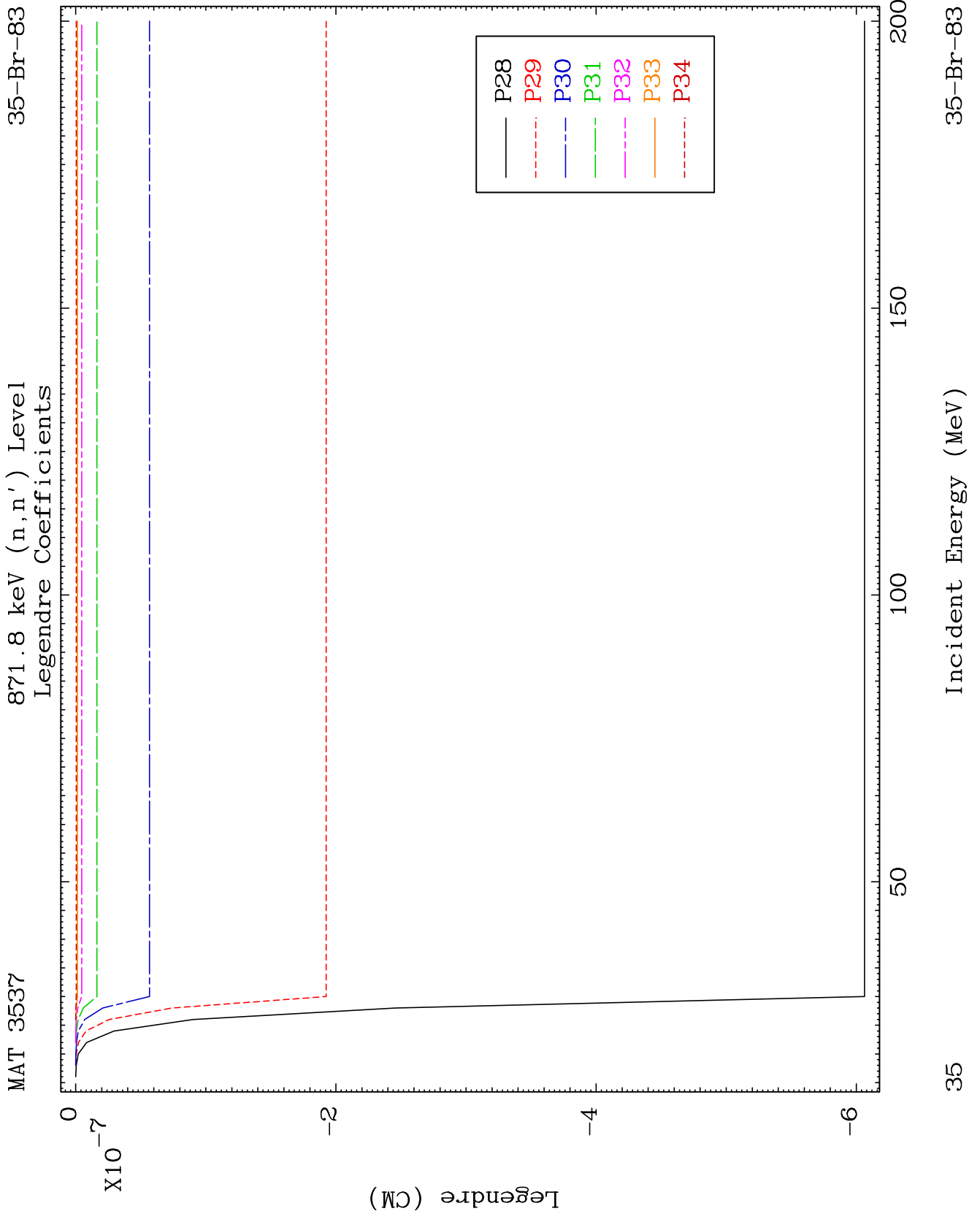


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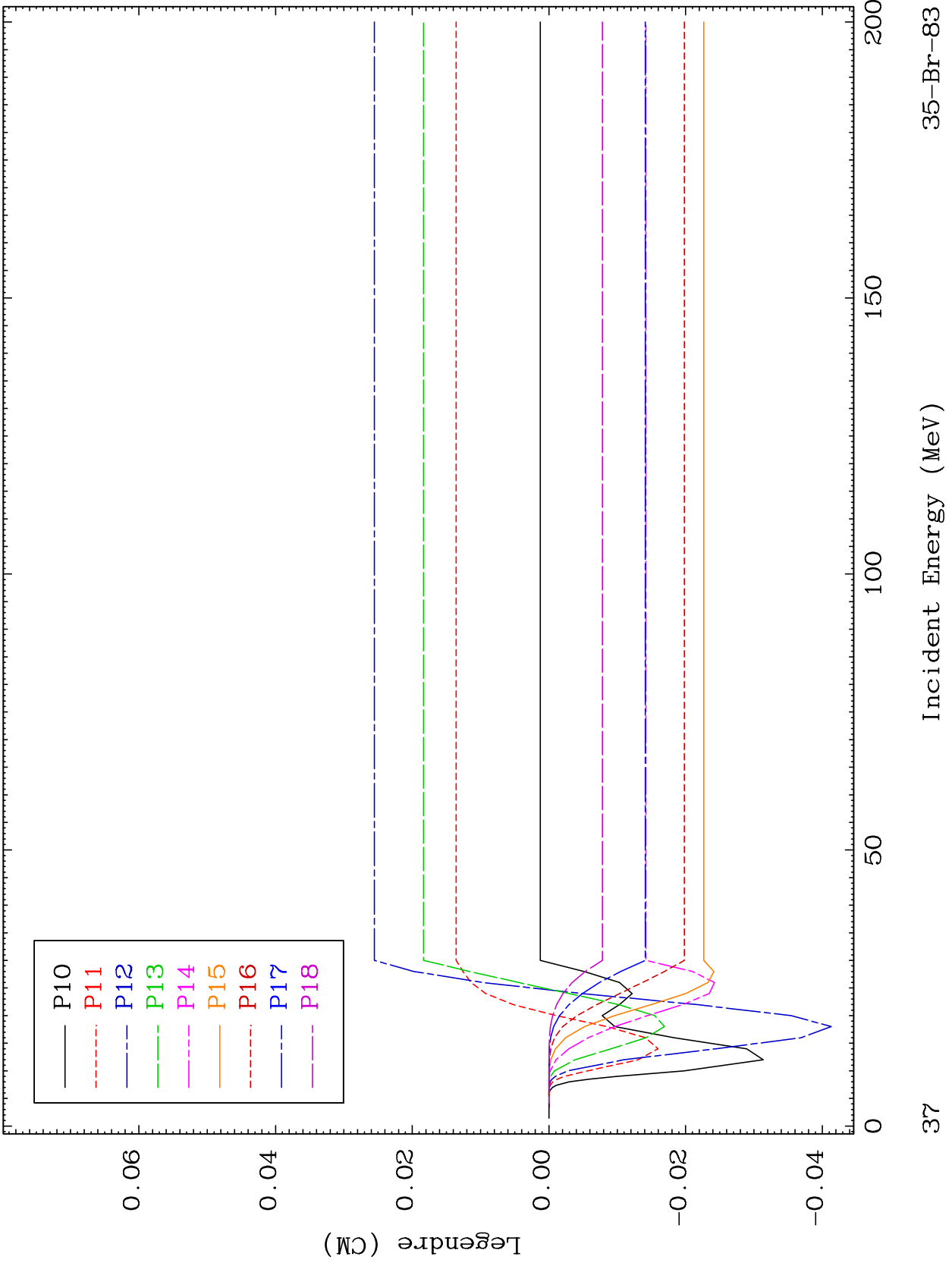
Incident Energy (MeV)

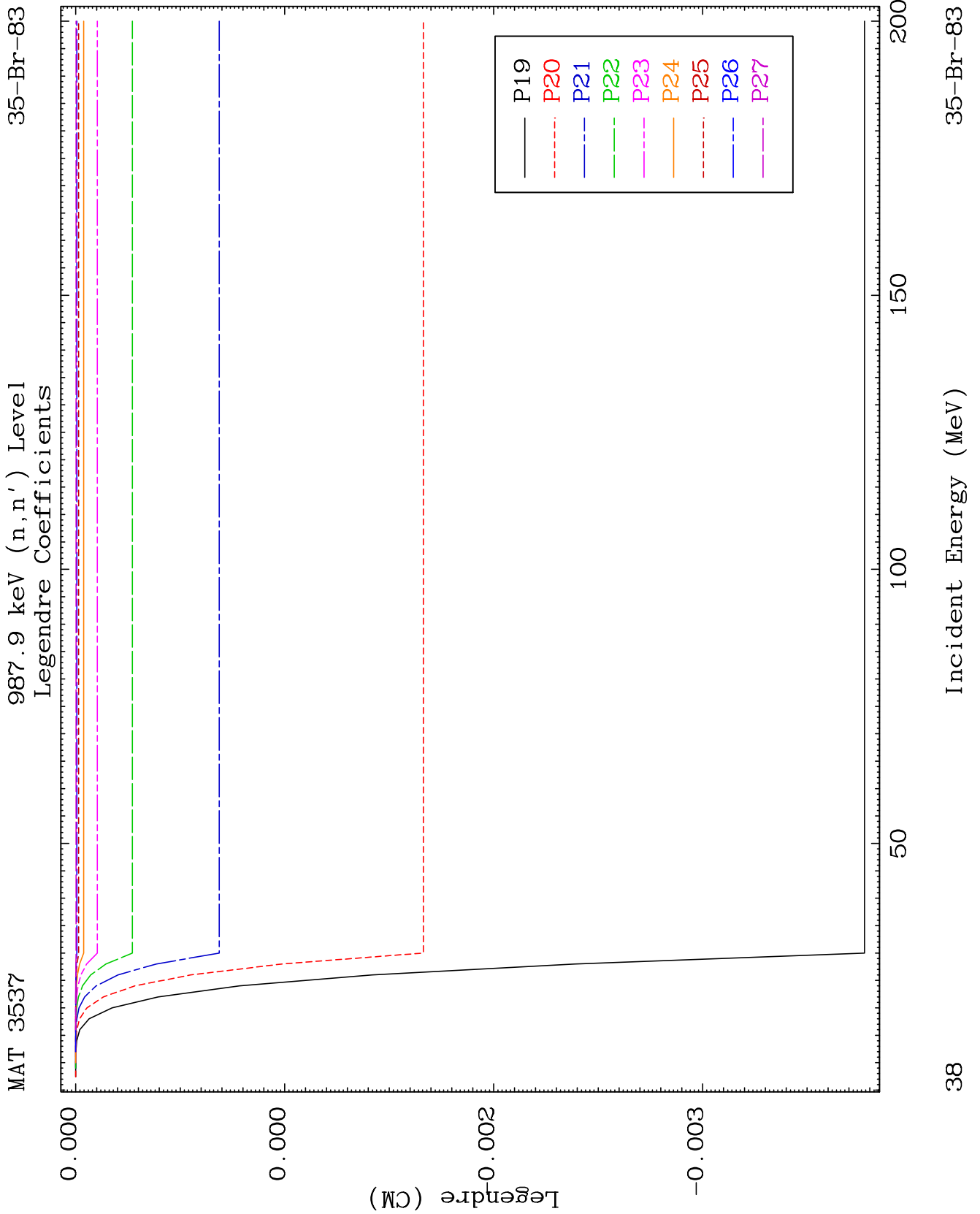
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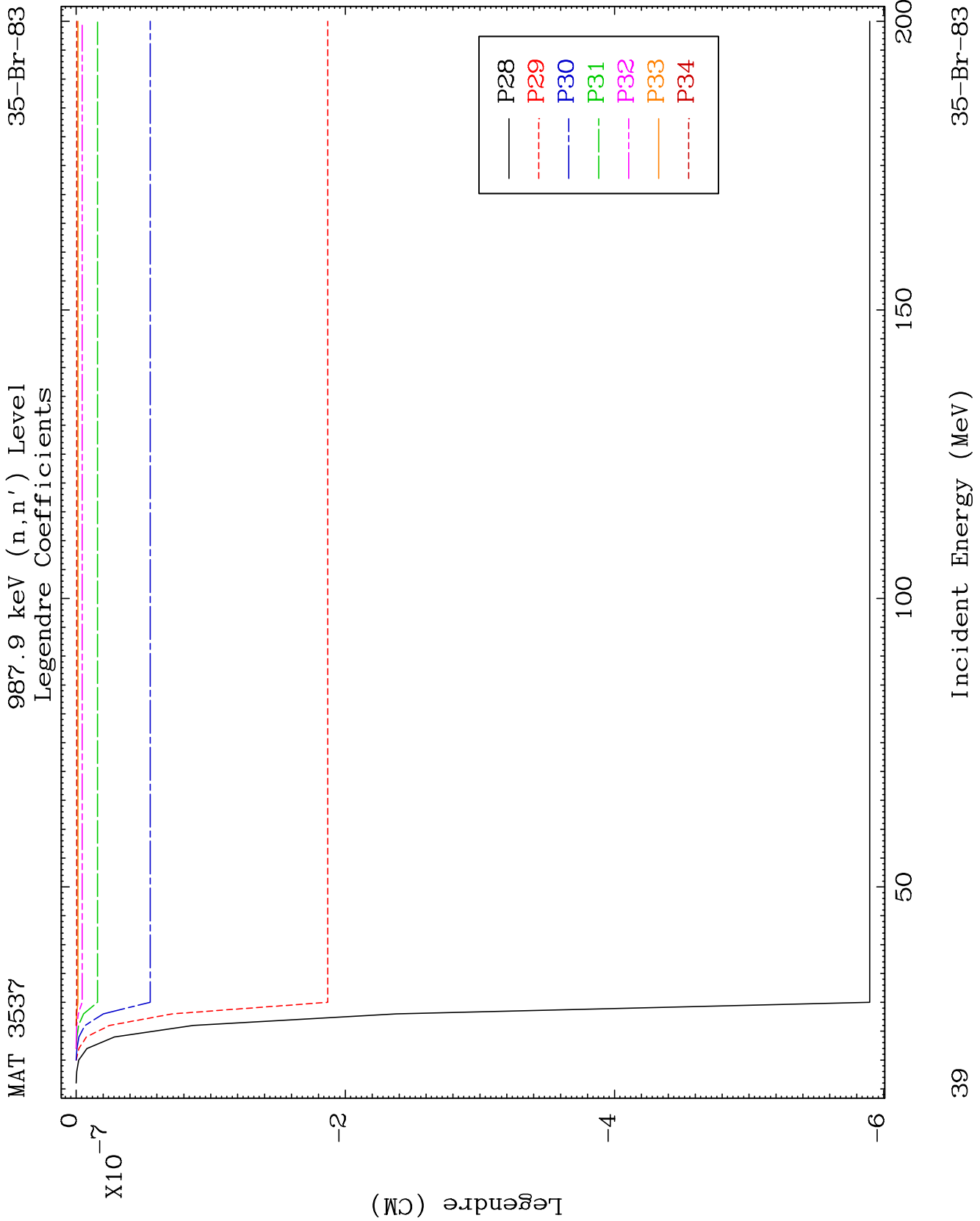








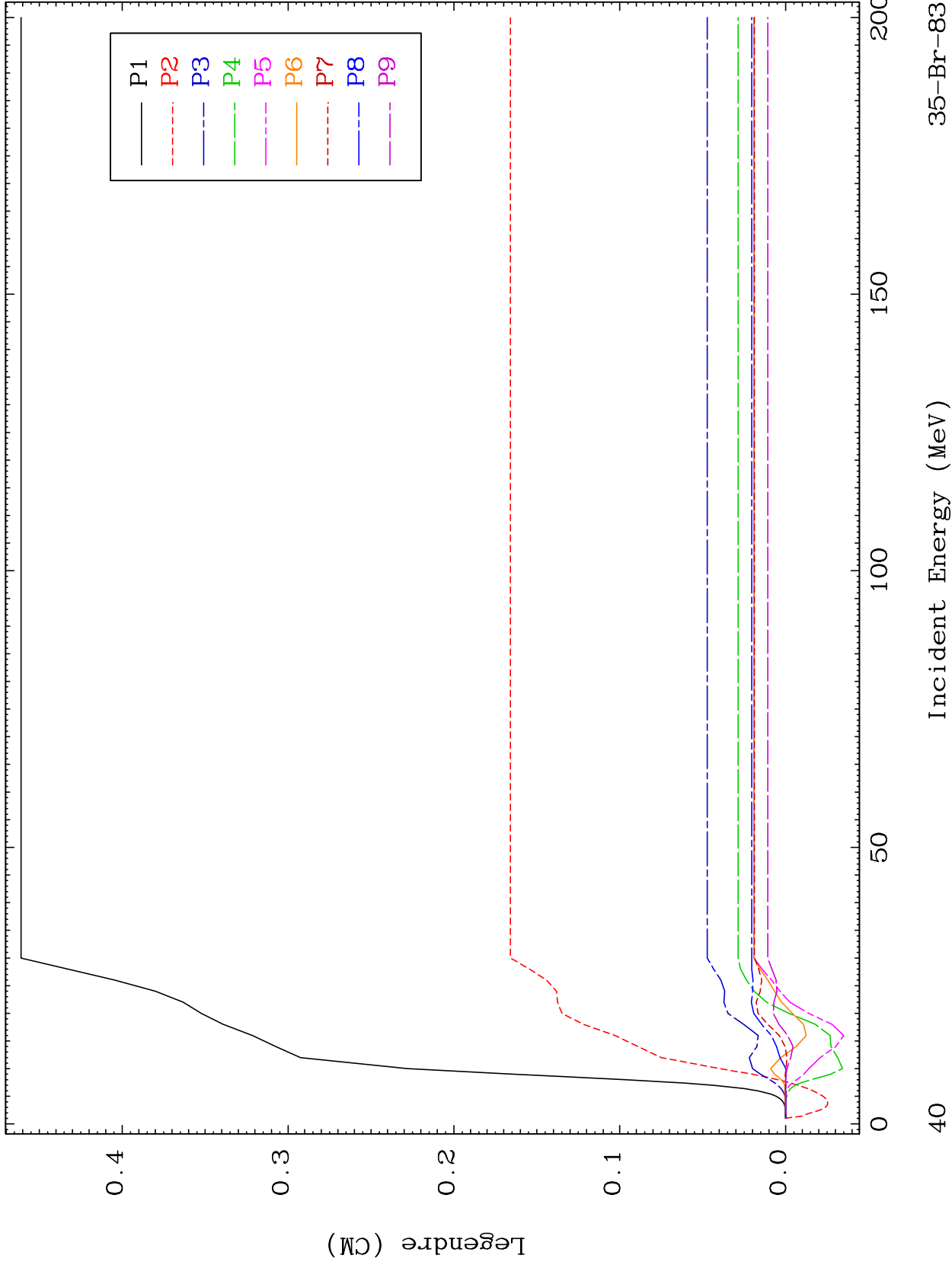




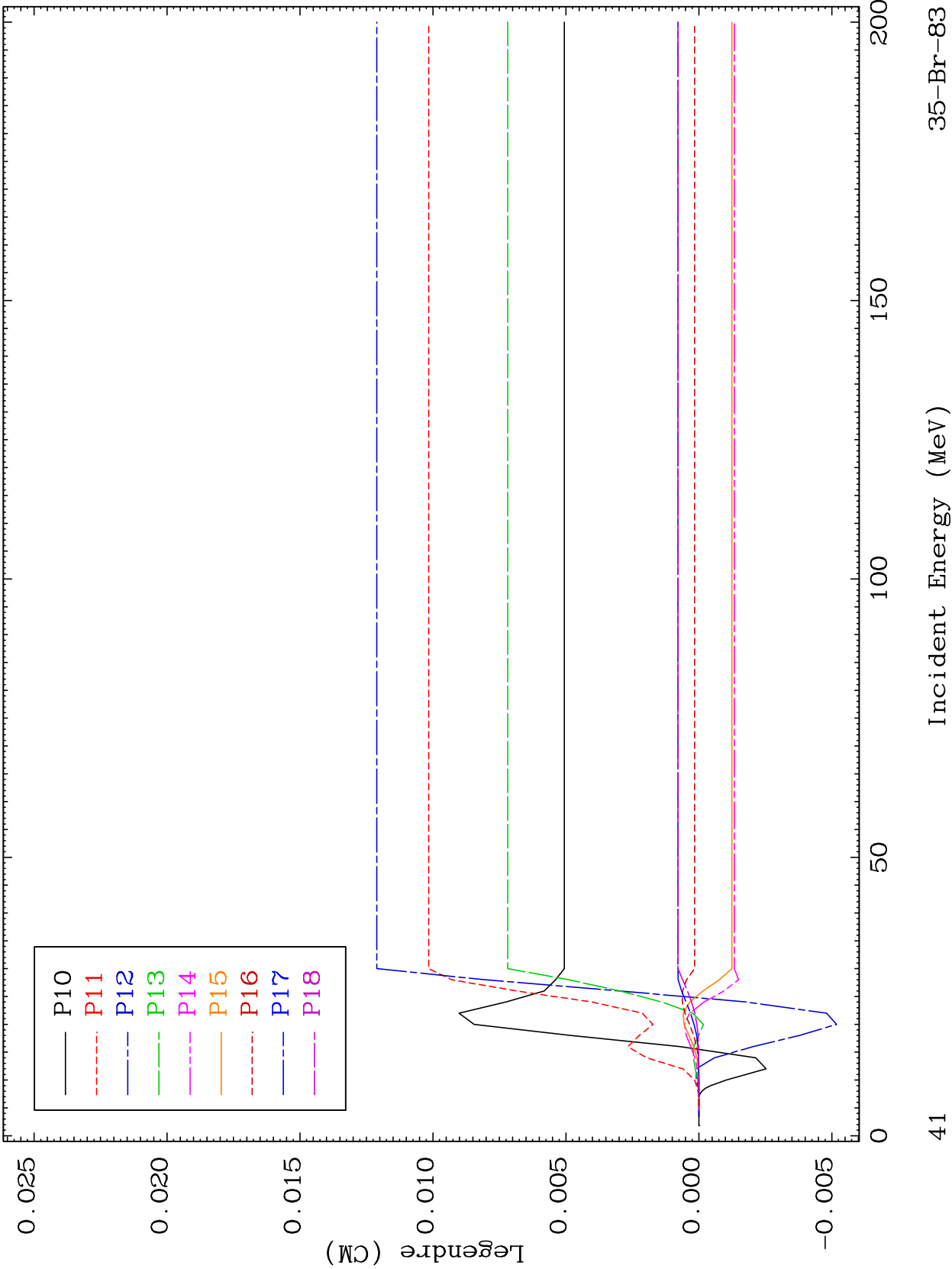
MAT 3537

1.022 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



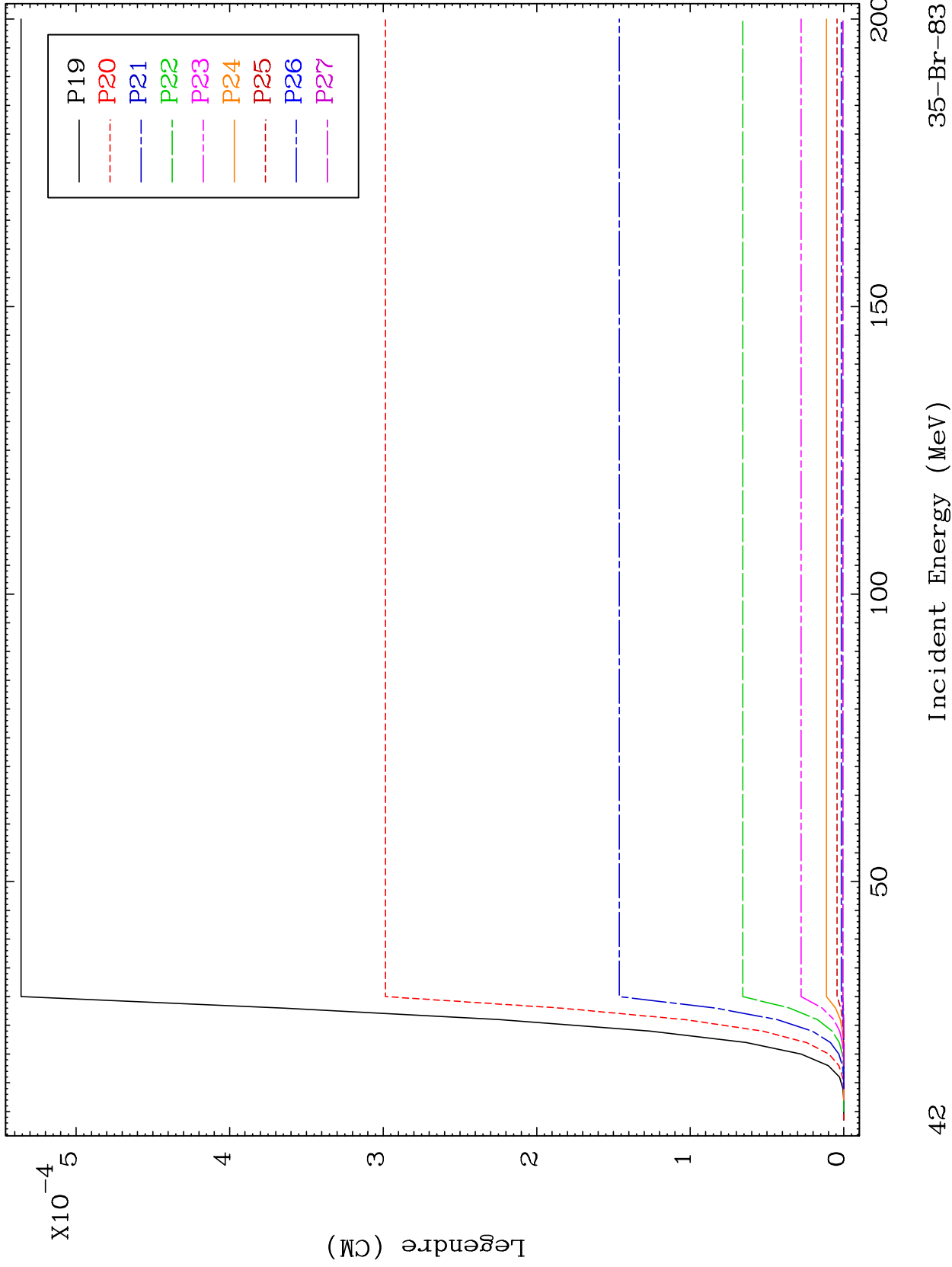
35-Br-83



MAT 3537

1.022 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



42

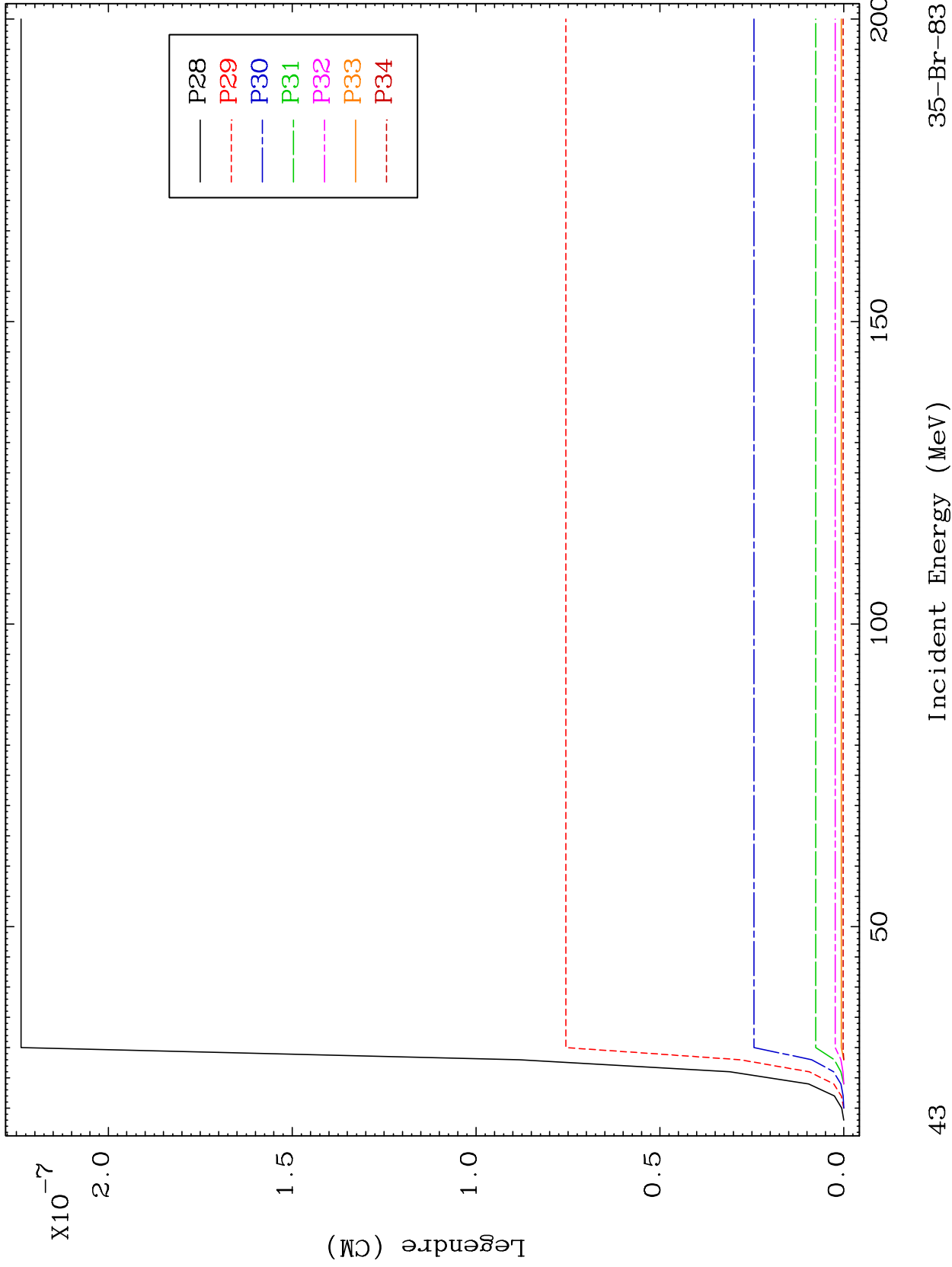
Incident Energy (MeV)

35-Br-83

MAT 3537

1.022 MeV (n, n') Level  
Legendre Coefficients

35-Br-83



43

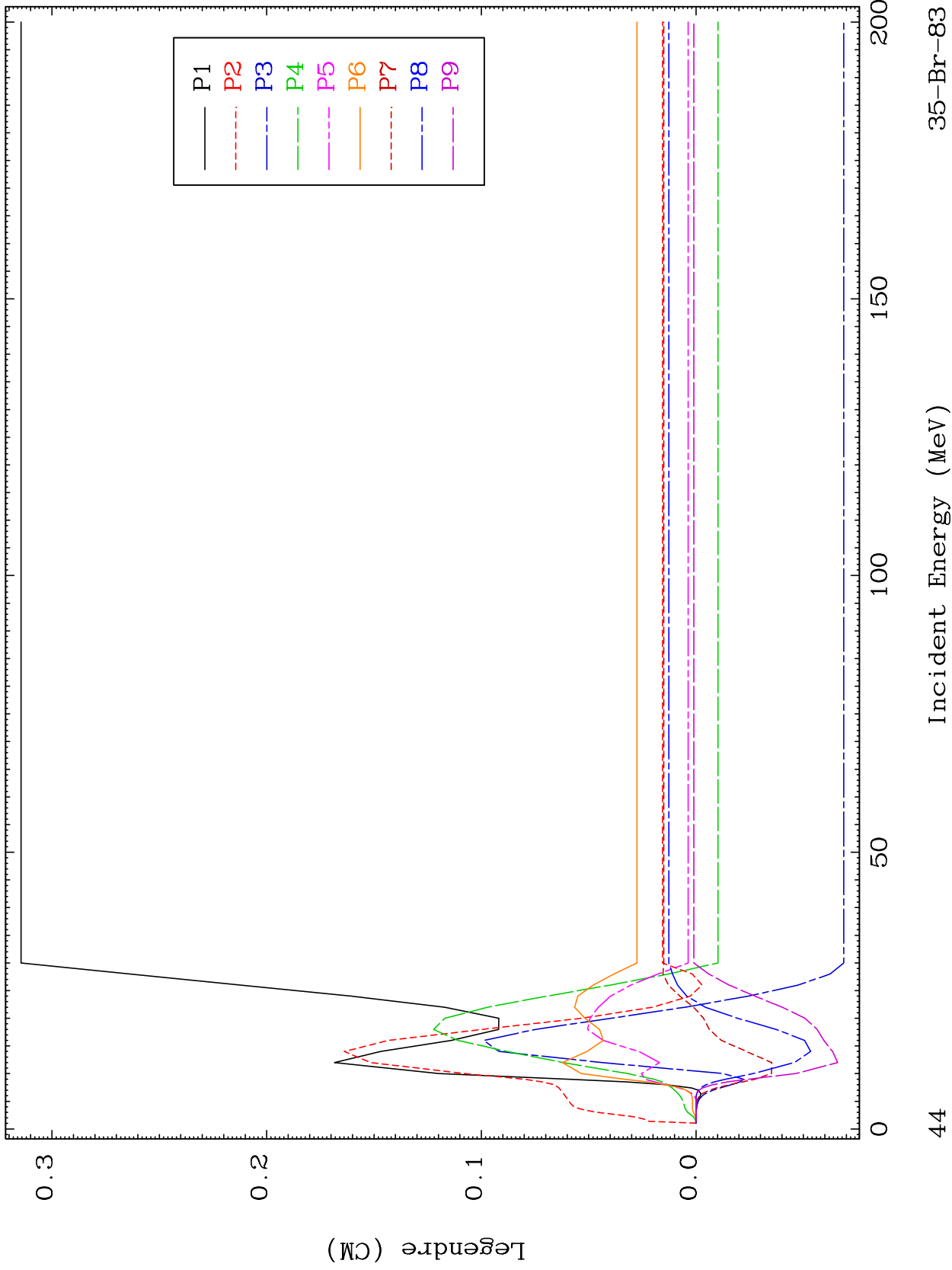
Incident Energy (MeV)

35-Br-83

MAT 3537

1.031 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



44

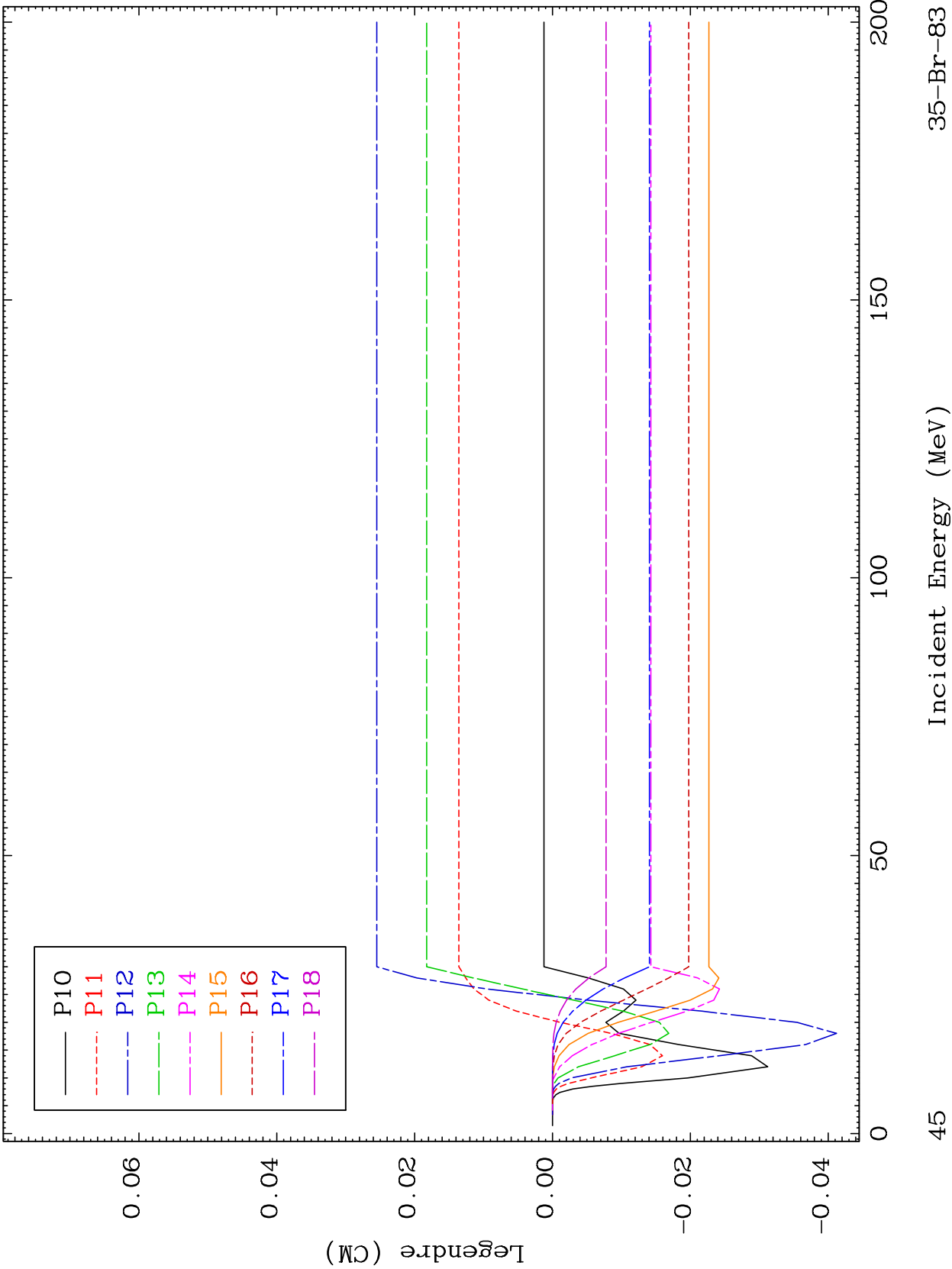
Incident Energy (MeV)

35-Br-83

MAT 3537

1.031 MeV (n,n') Level  
Legendre Coefficients

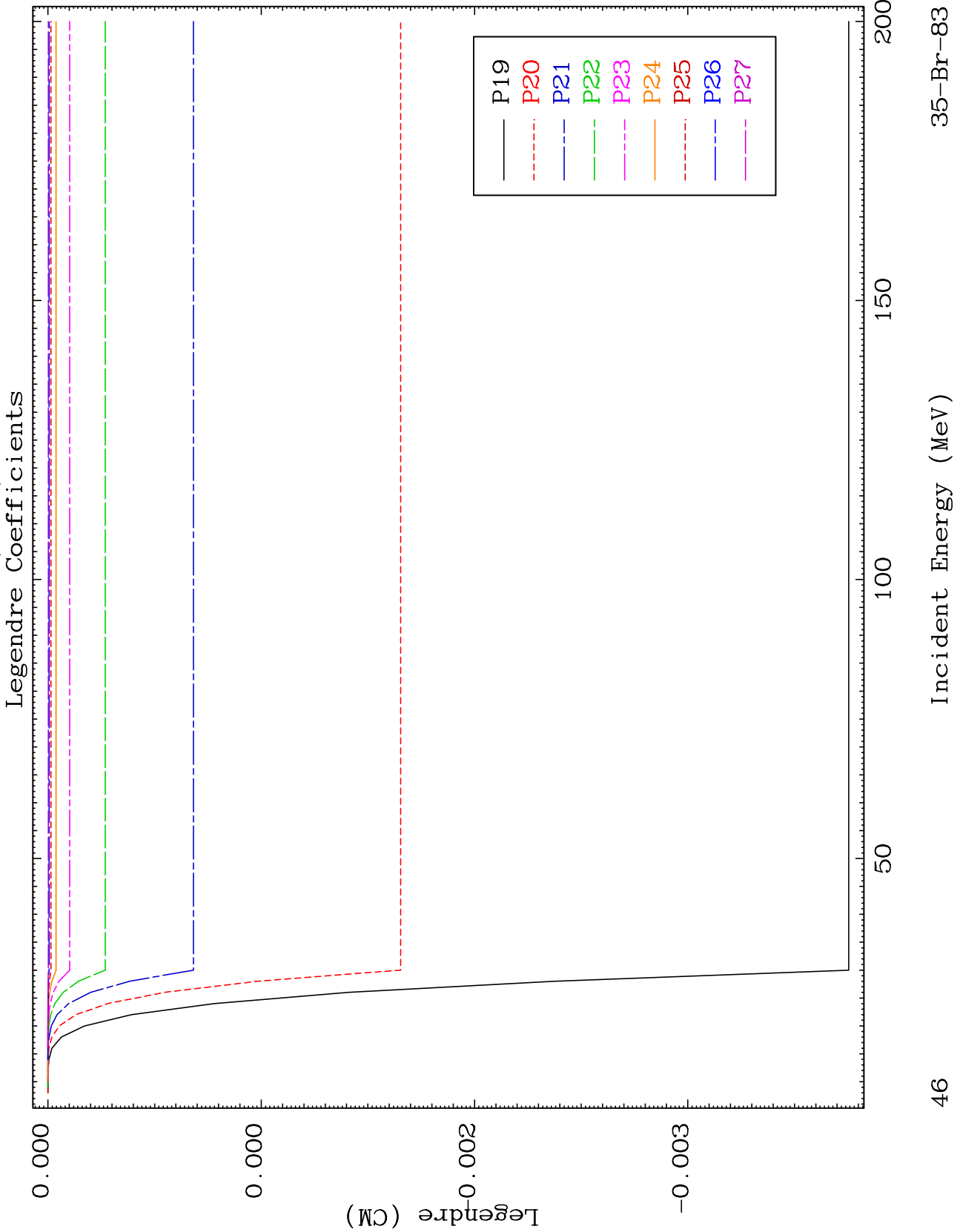
35-Br-83



35-Br-83

Incident Energy (MeV)

45

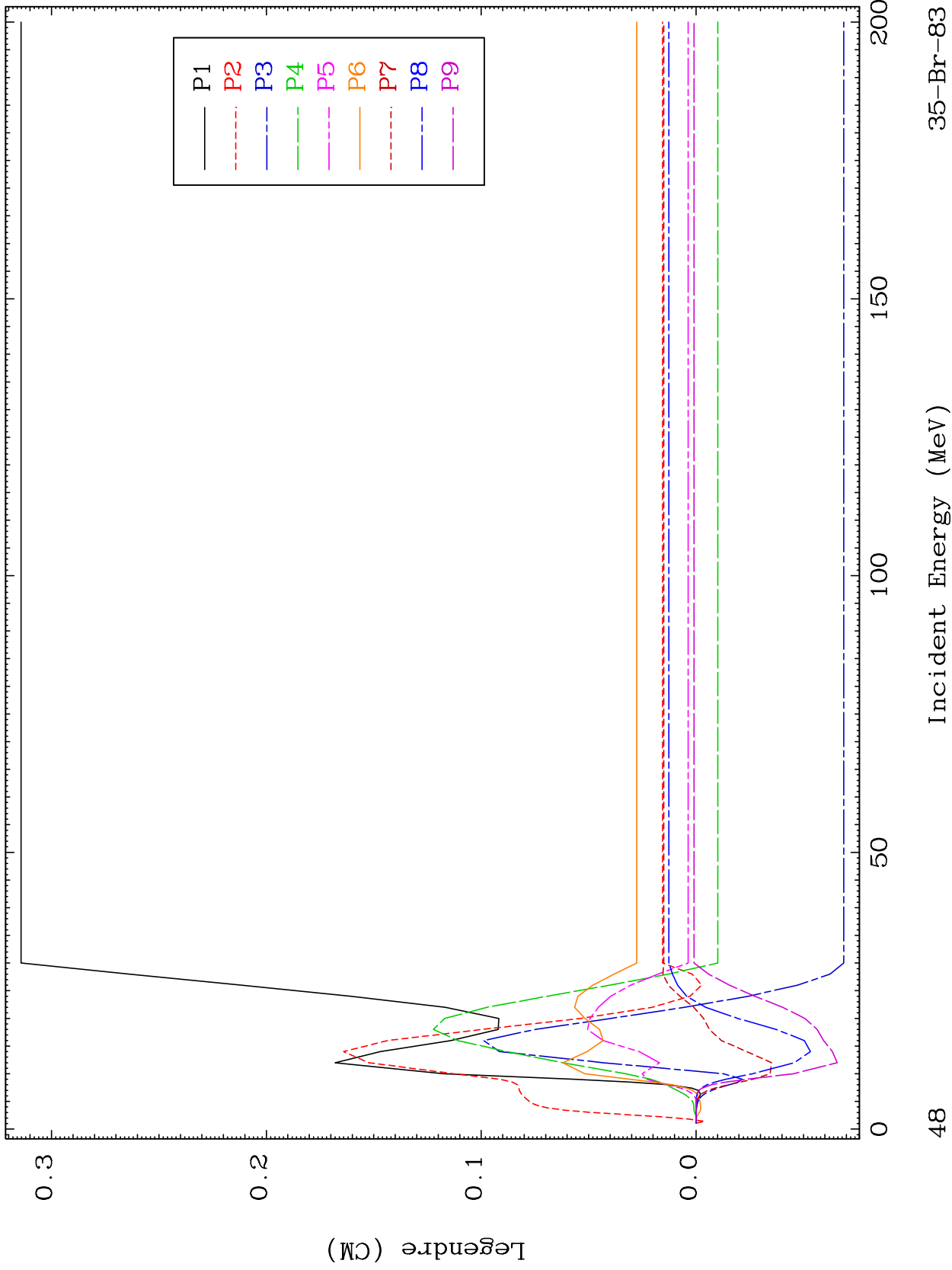




MAT 3537

1.054 MeV (n,n') Level  
Legendre Coefficients

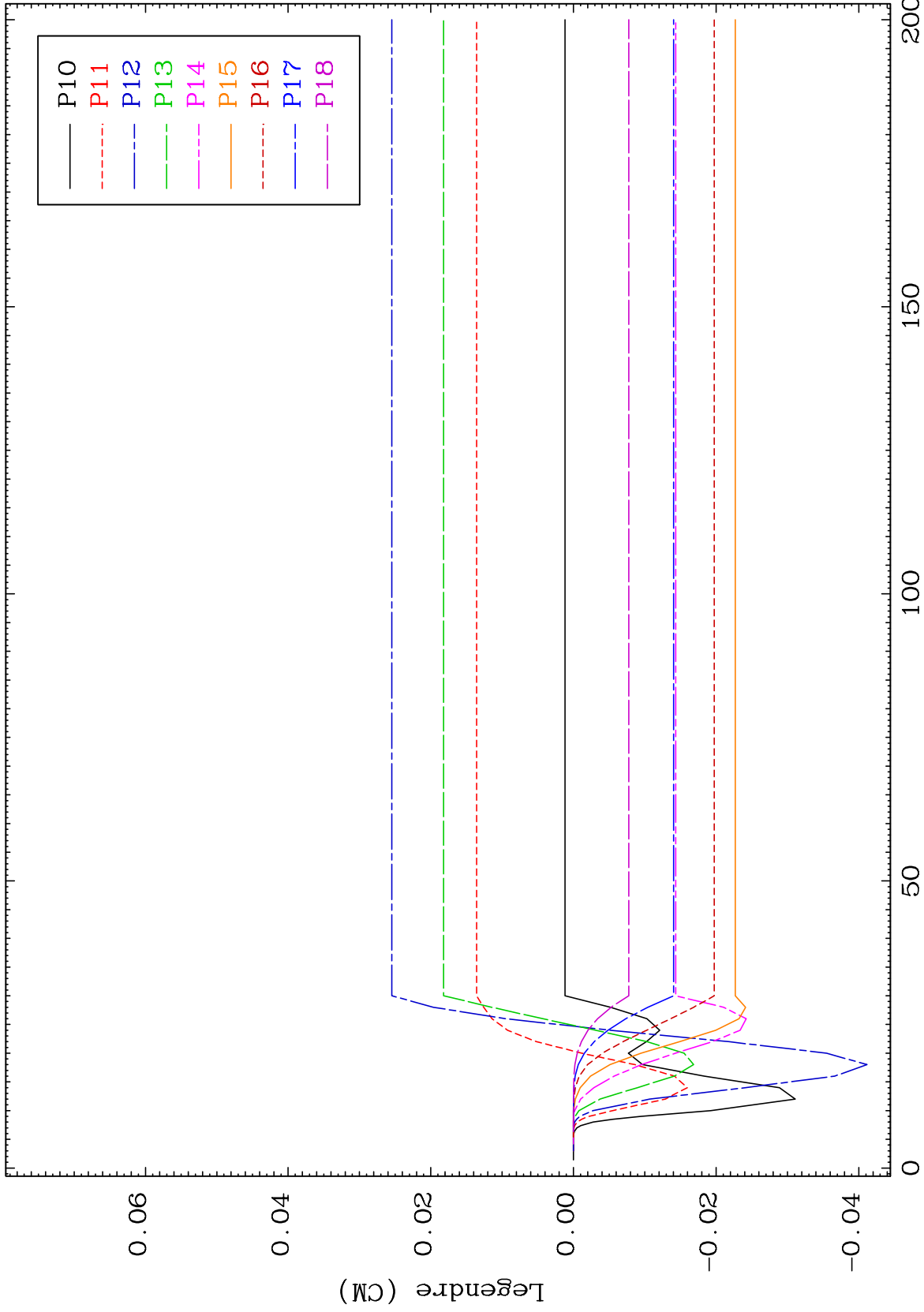
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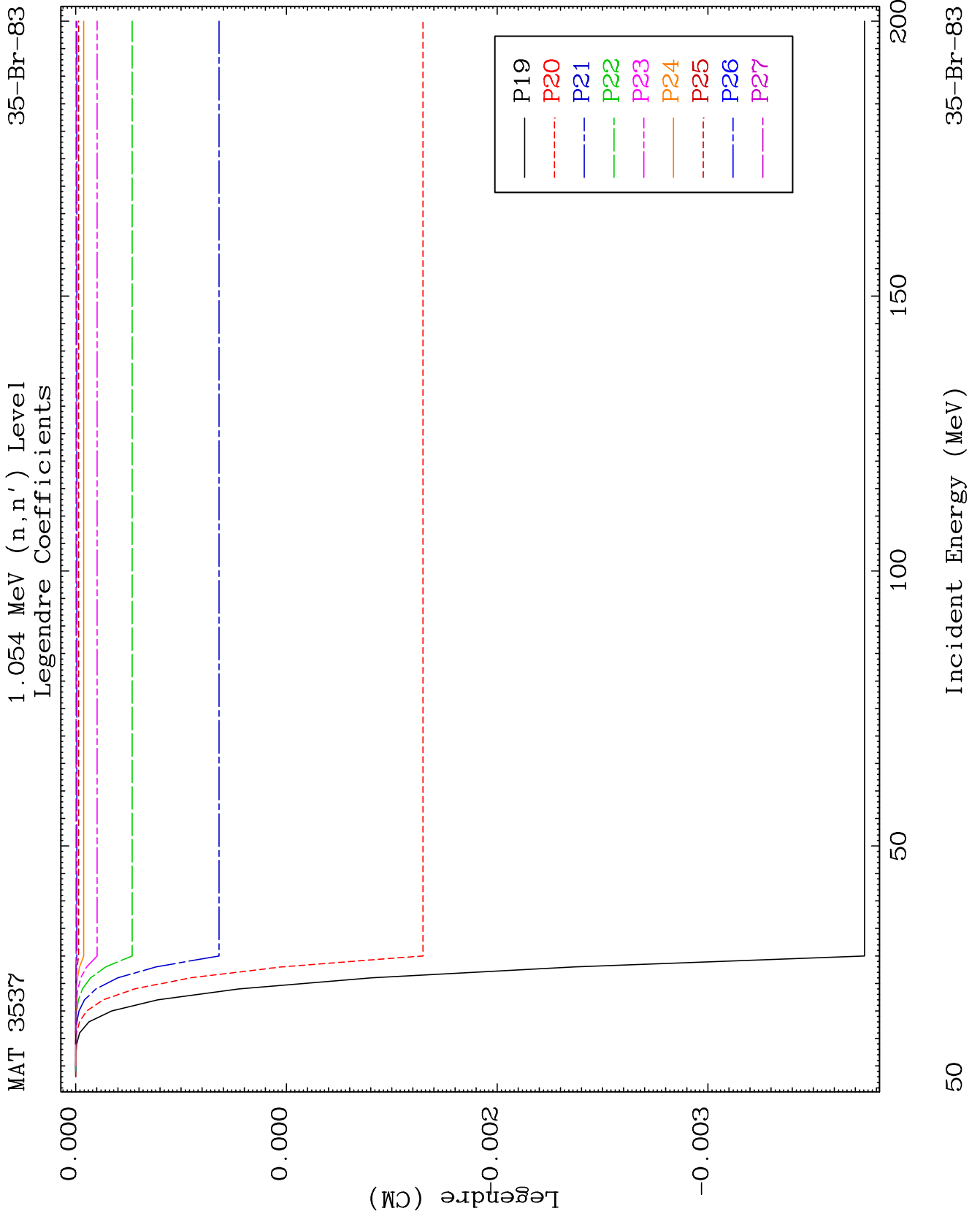


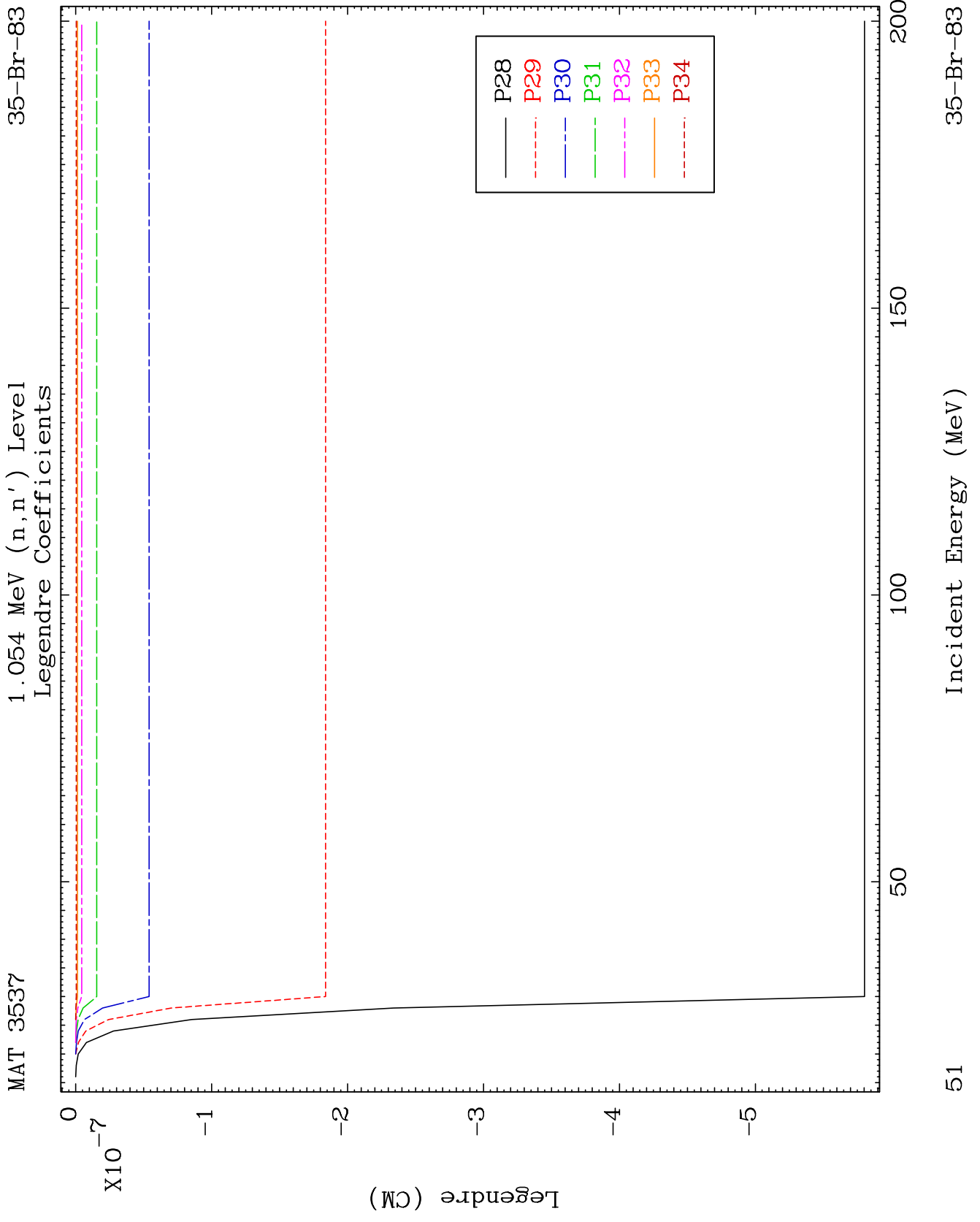
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Incident Energy (MeV)

35-Br-83



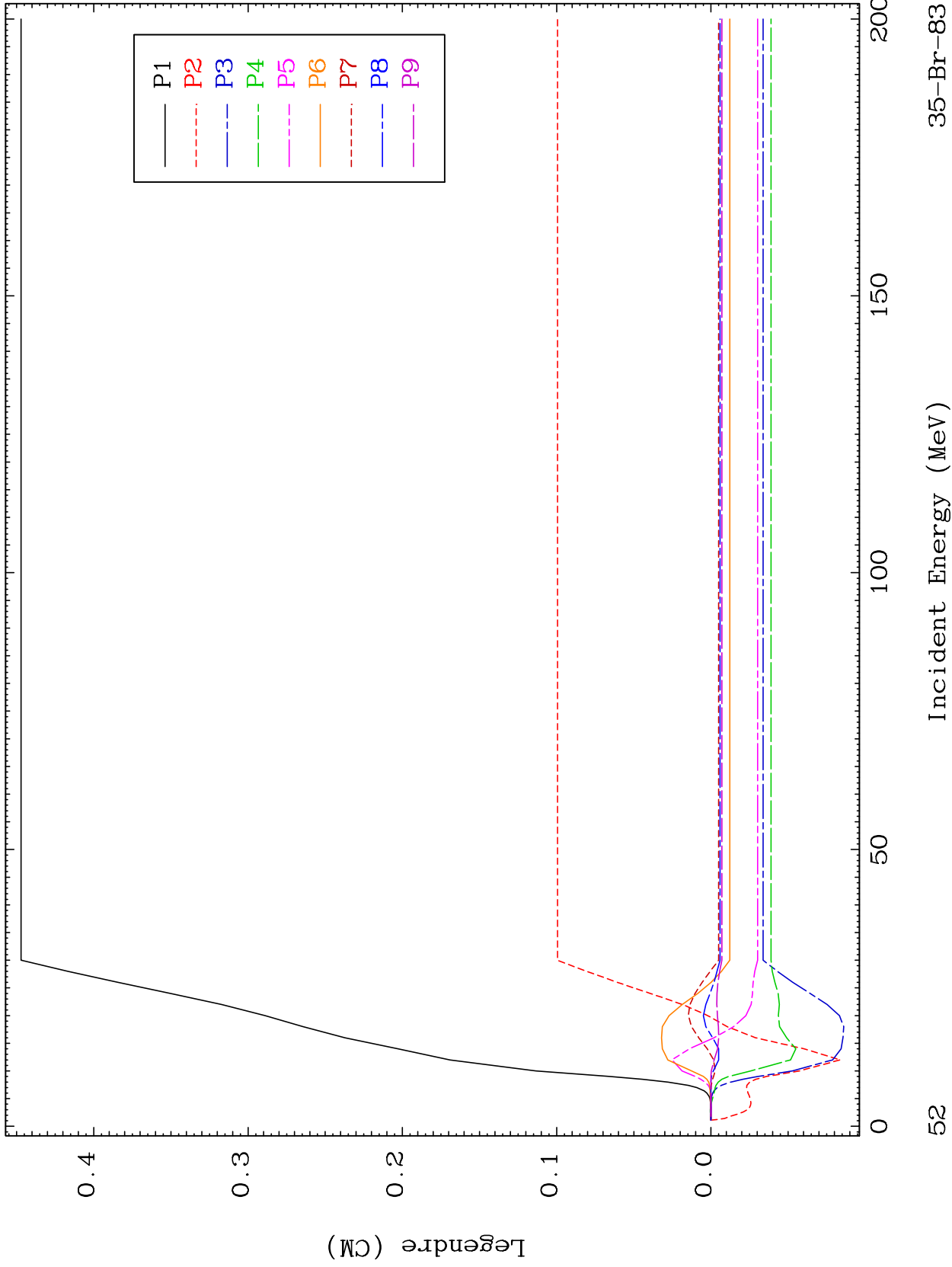




MAT 3537

1.092 MeV (n,n') Level  
Legendre Coefficients

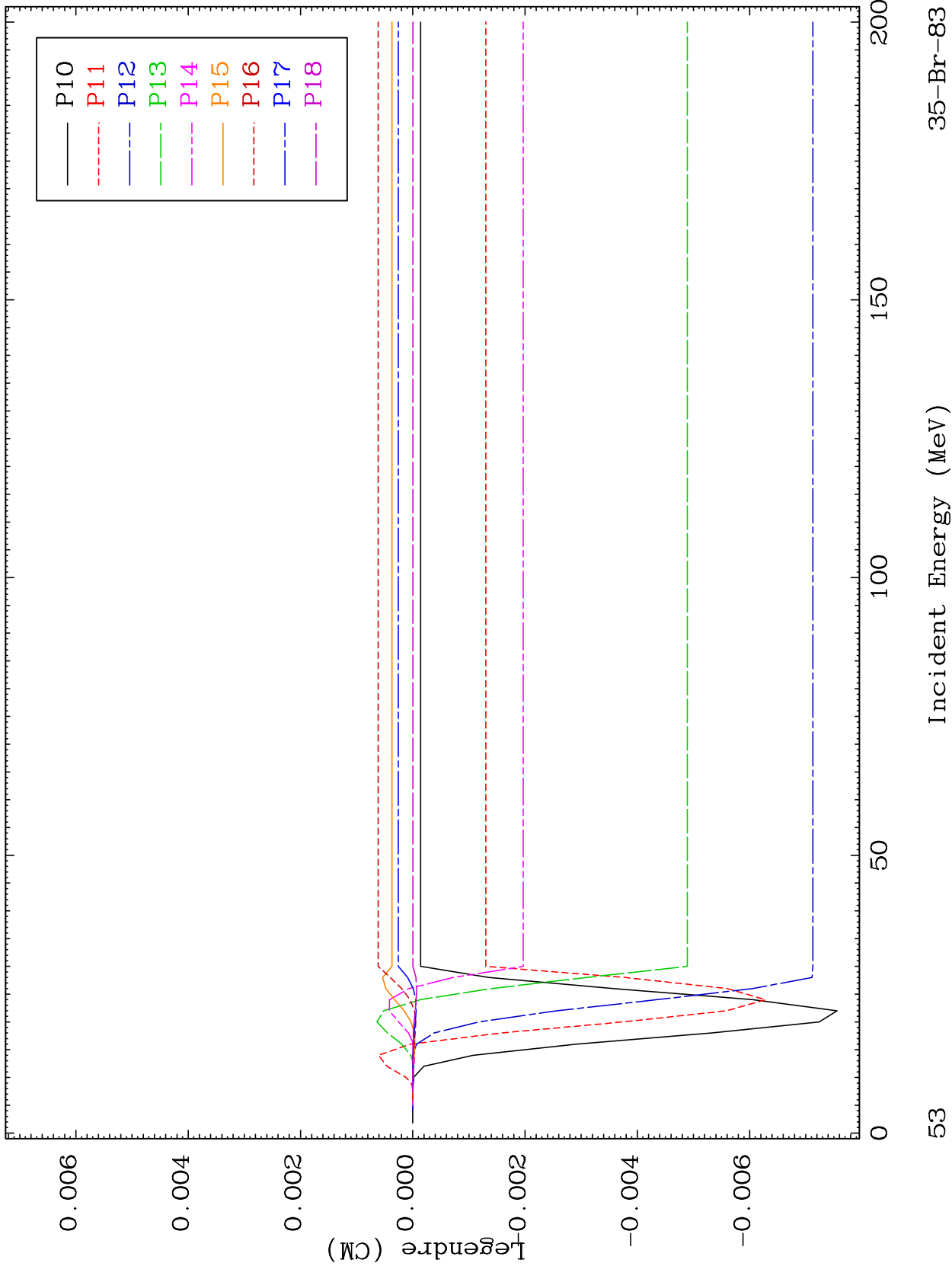
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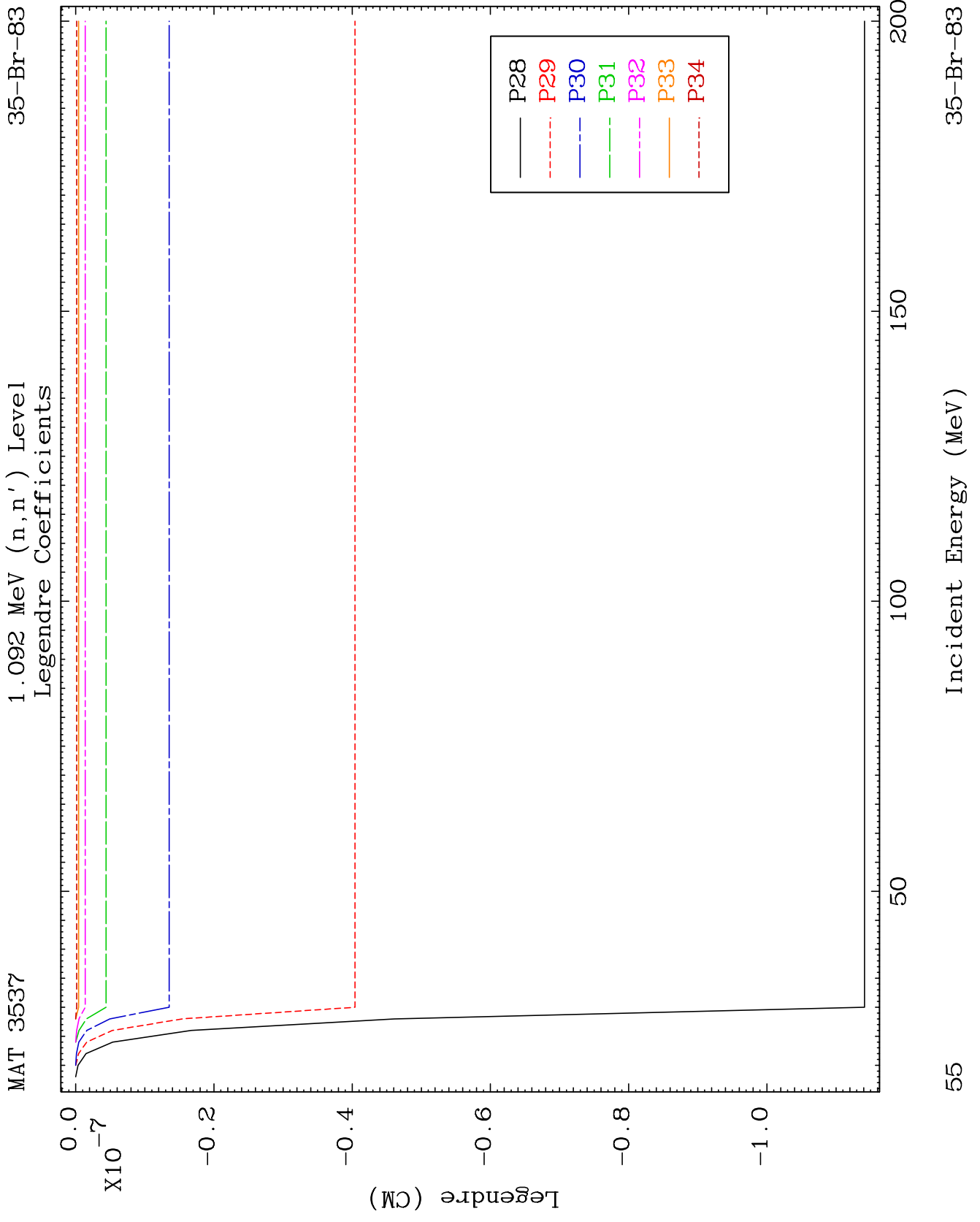
35-Br-83

Incident Energy (MeV)

52



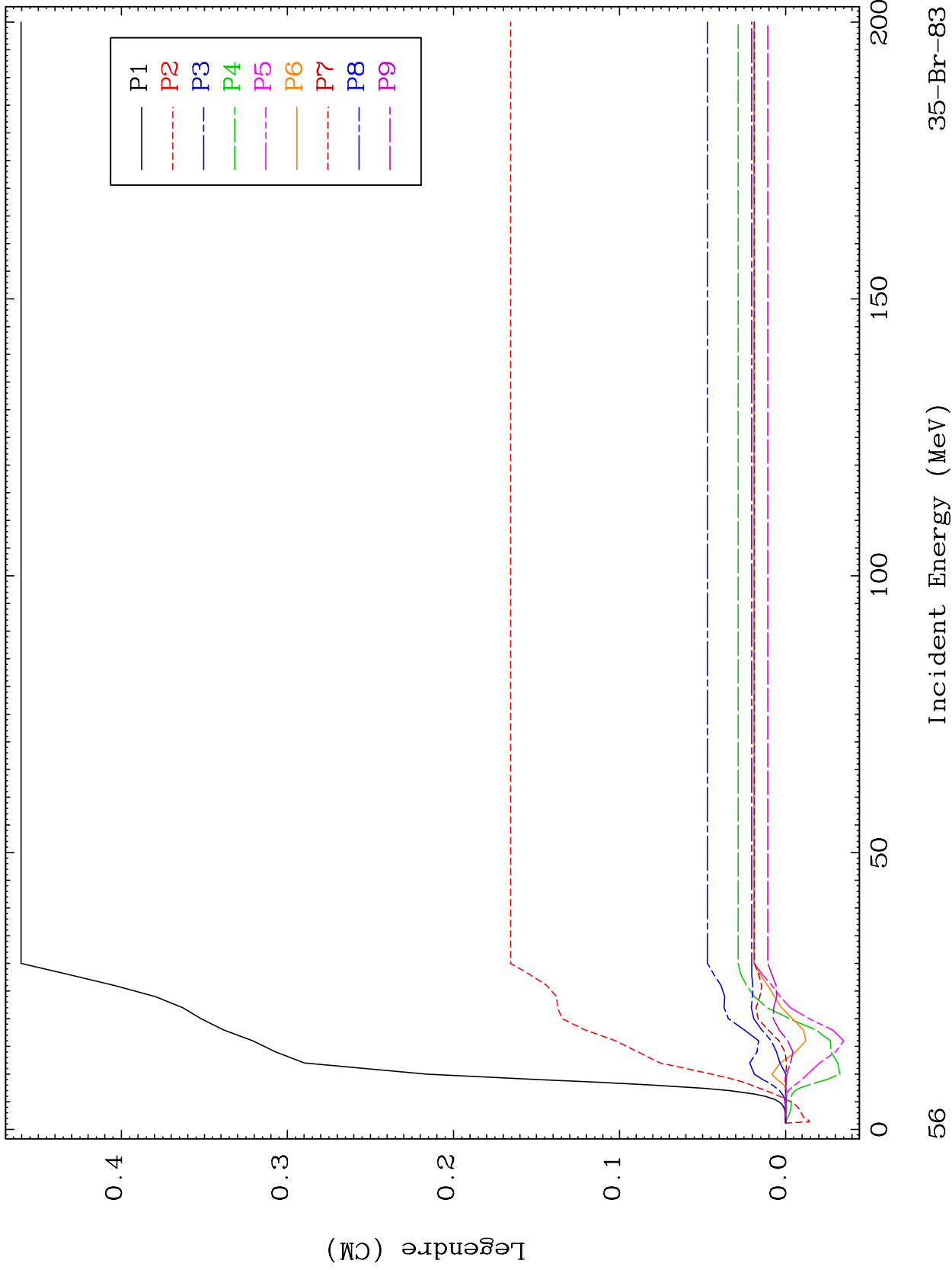




MAT 3537

1.114 MeV (n,n') Level  
Legendre Coefficients

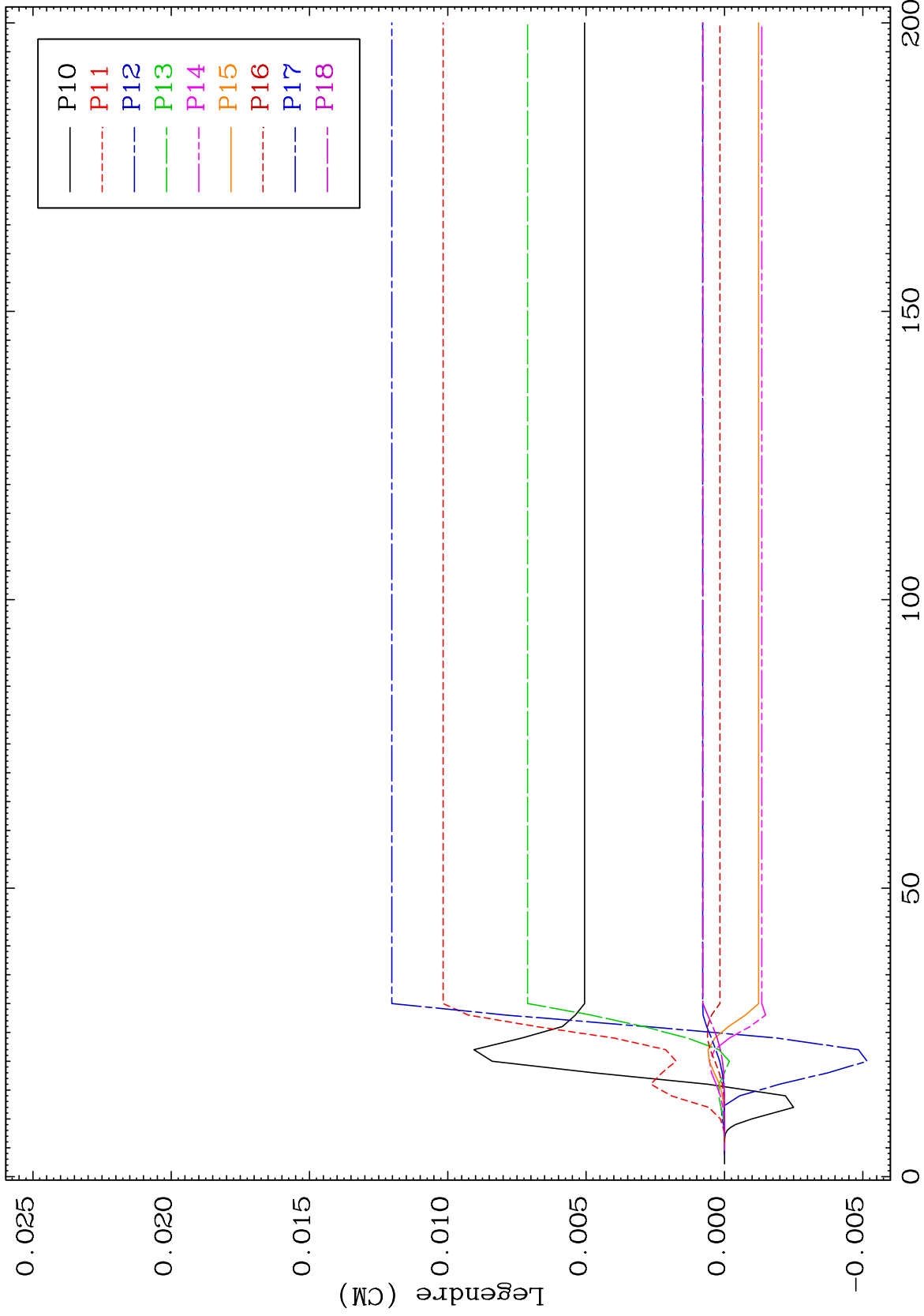
35-Br-83



56

Incident Energy (MeV)

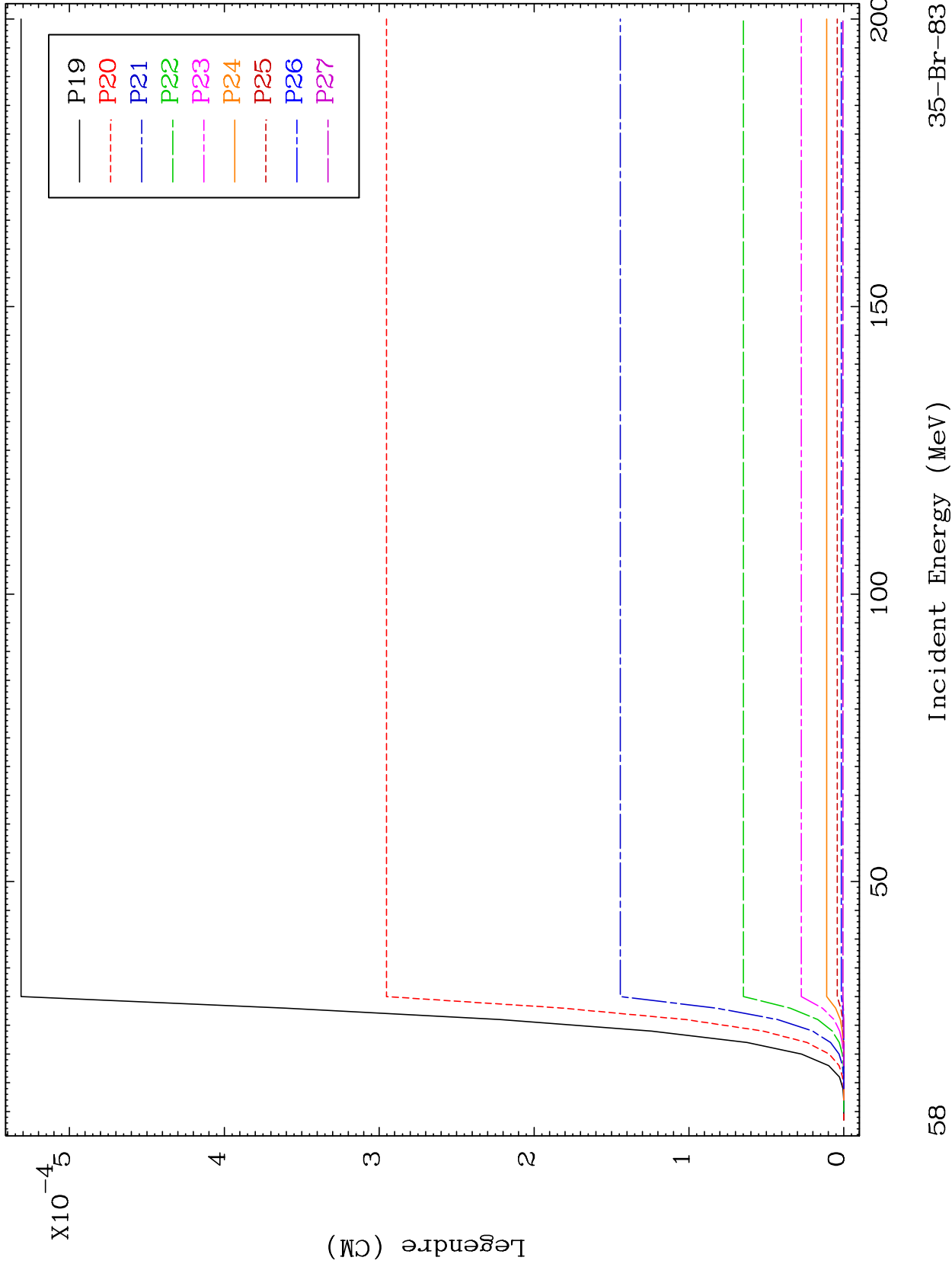
35-Br-83



MAT 3537

1.114 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



58

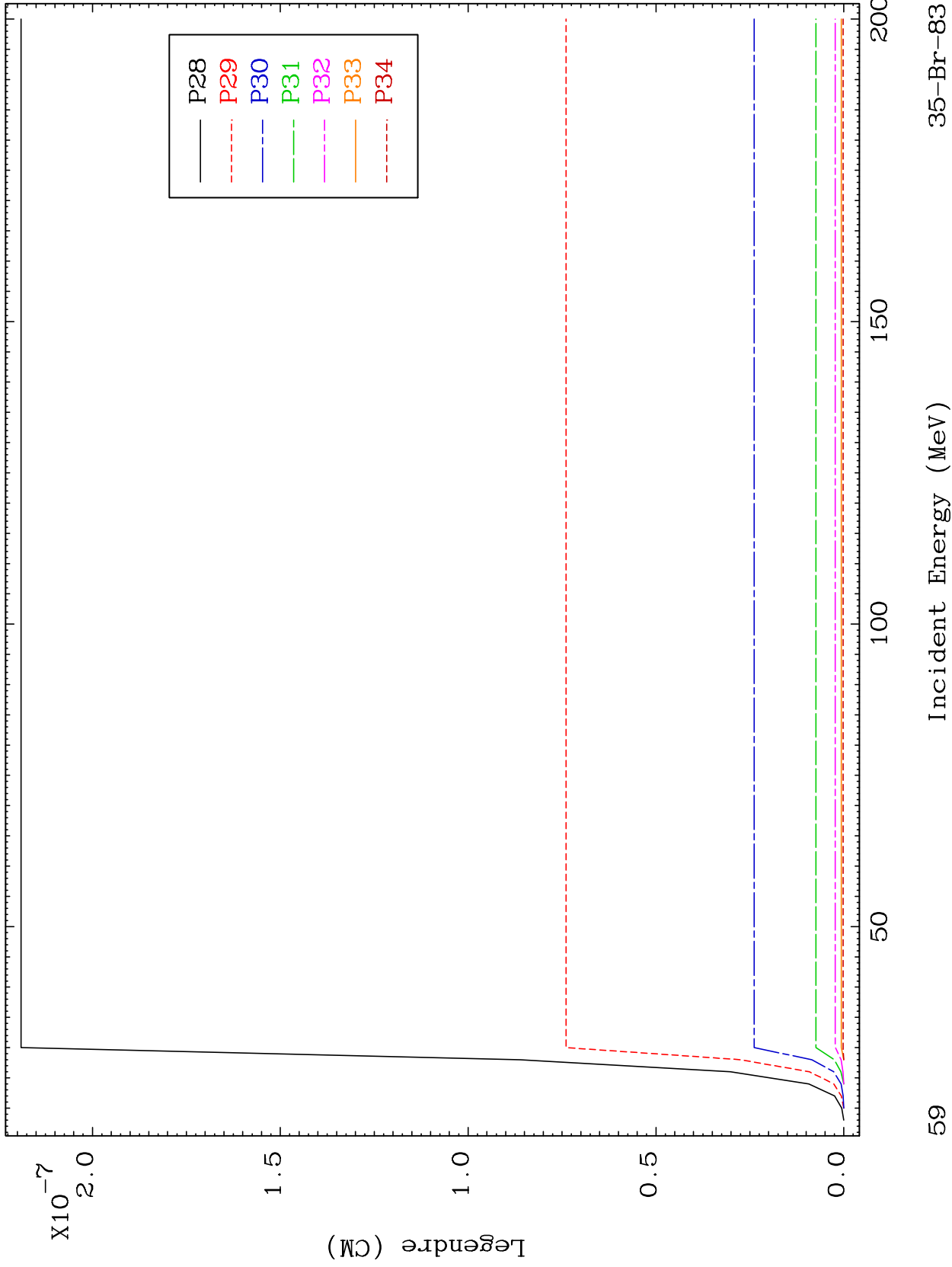
Incident Energy (MeV)

35-Br-83

MAT 3537

1.114 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



59

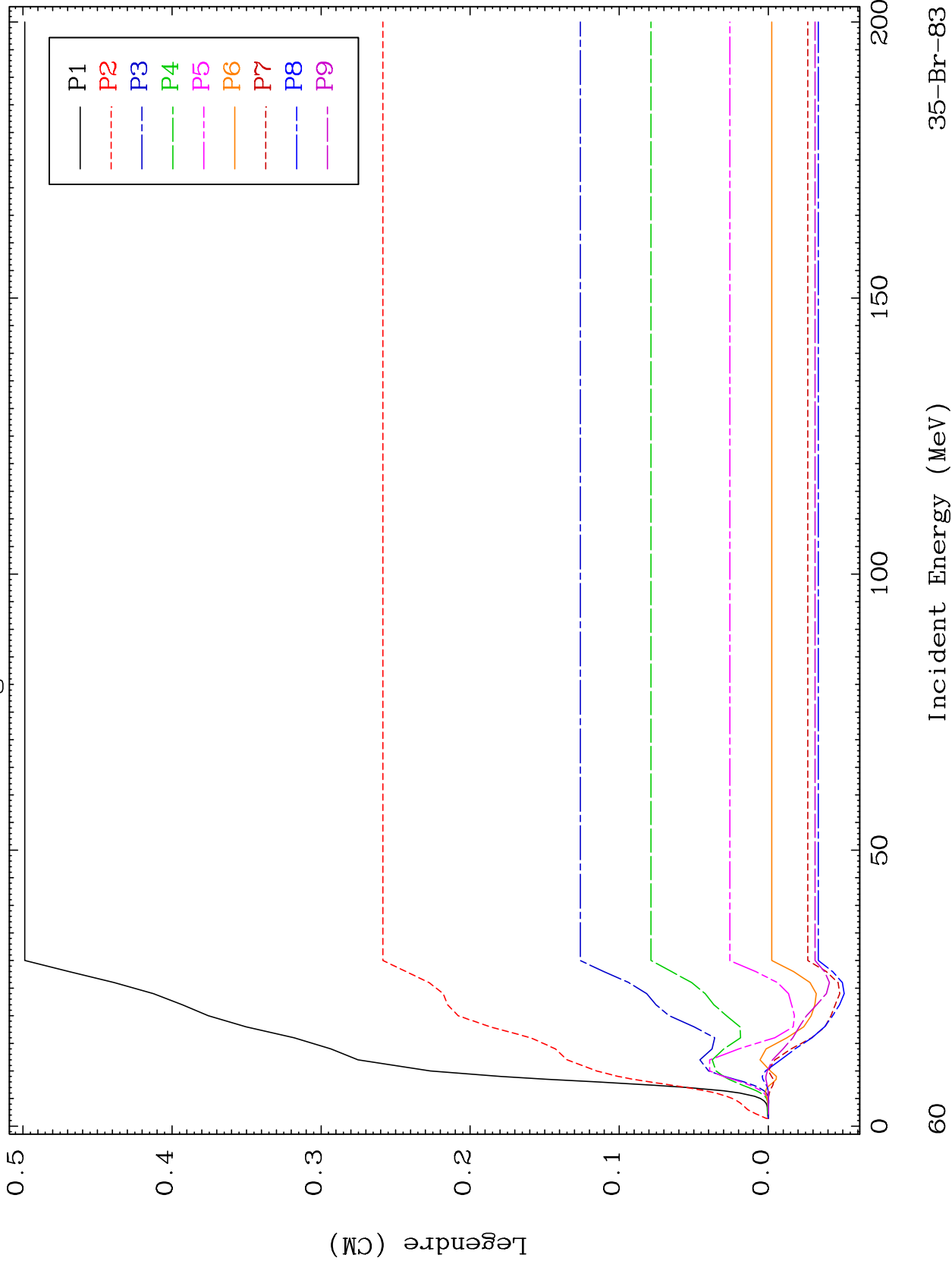
Incident Energy (MeV)

35-Br-83

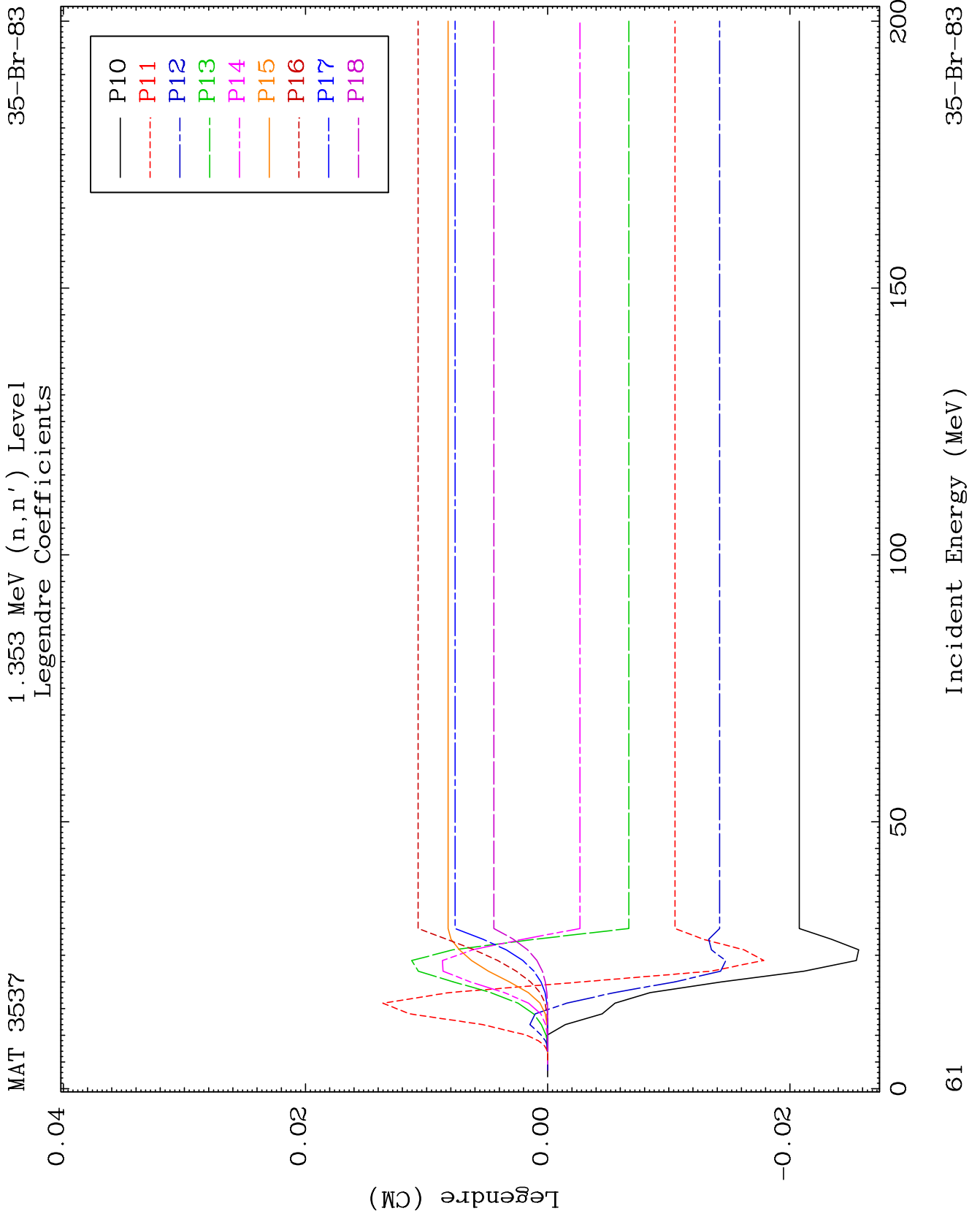
MAT 3537

1.353 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



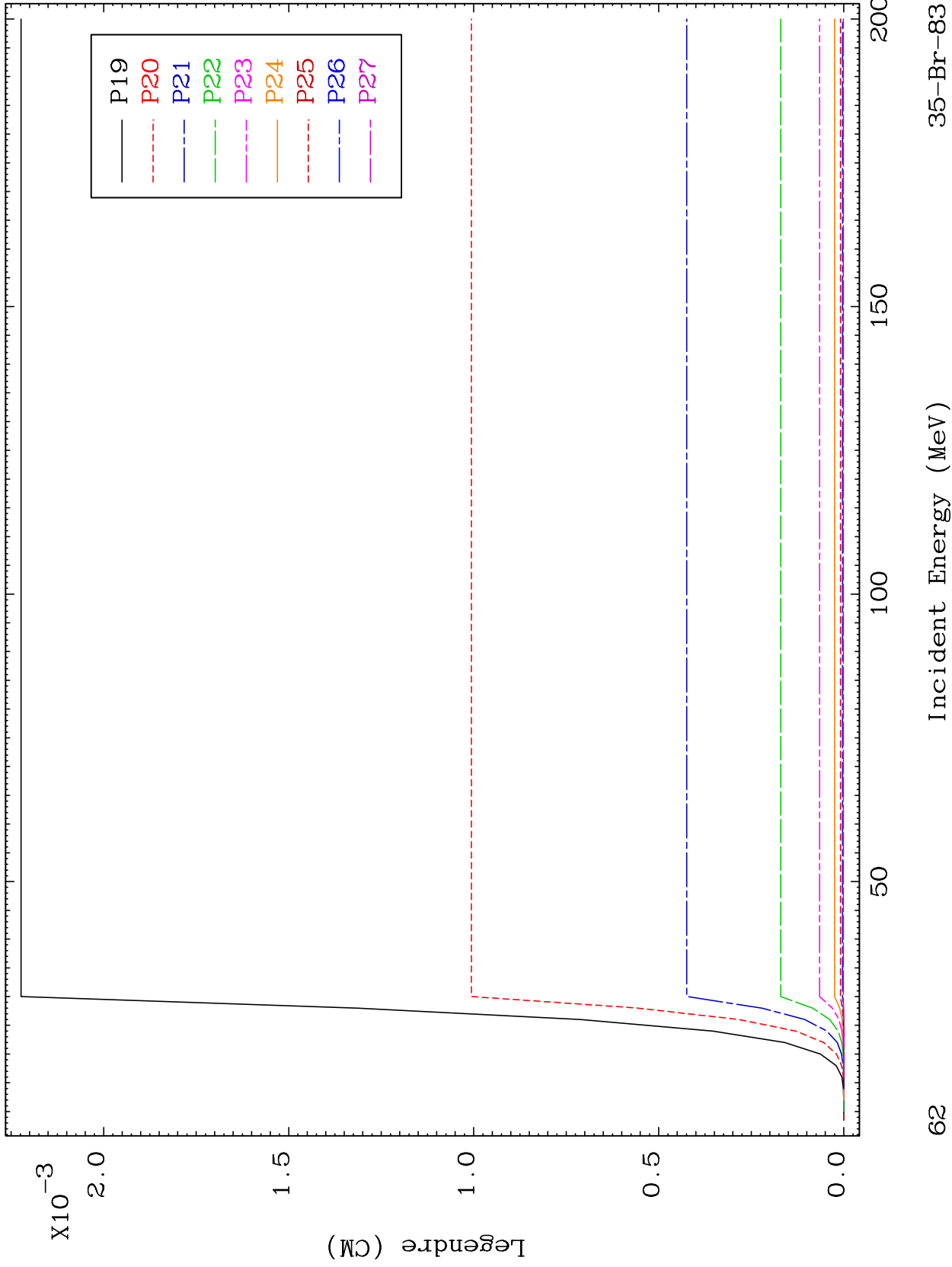
35-Br-83



MAT 3537

1.353 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



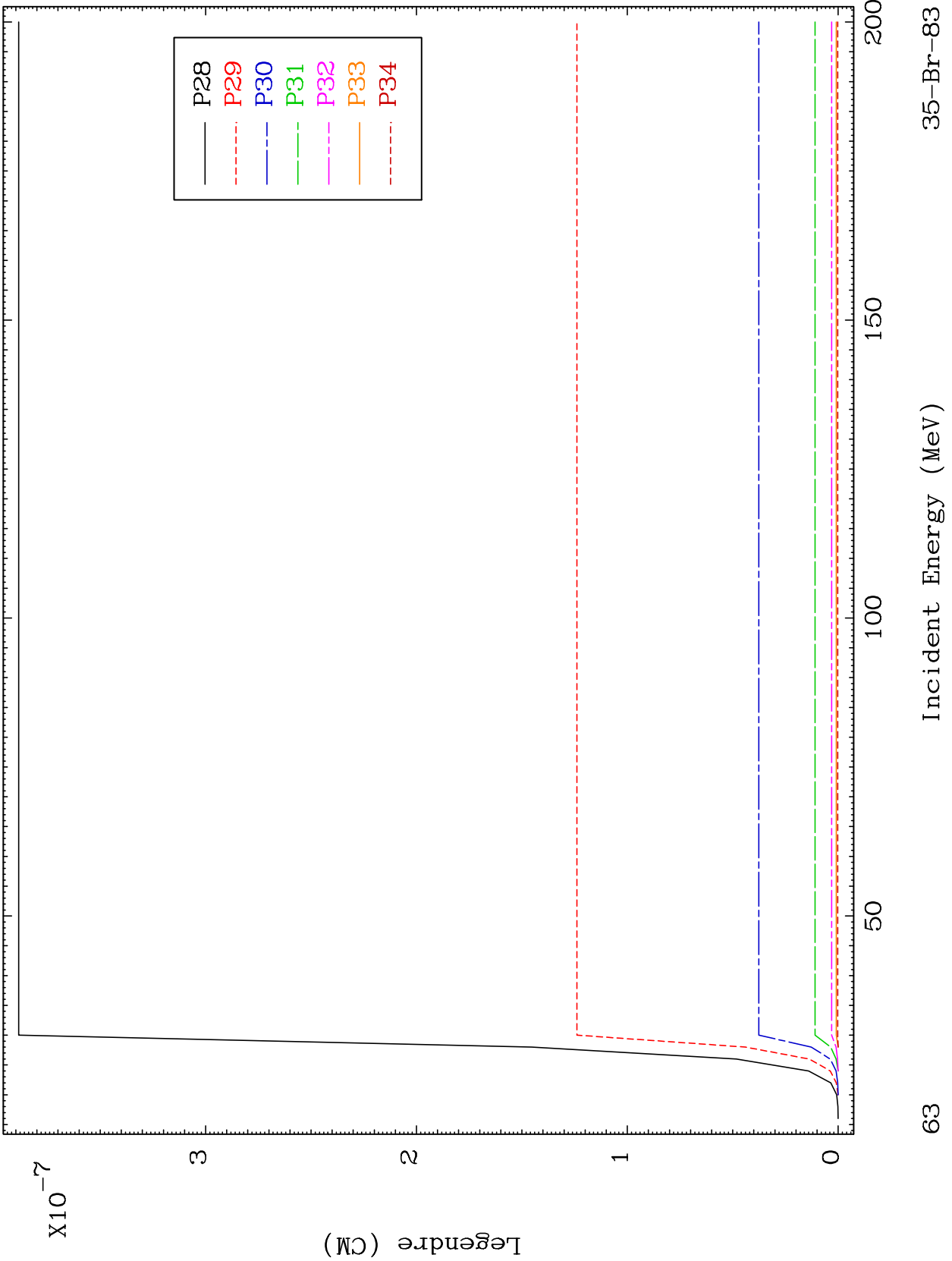
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35-Br-83

MAT 3537

1.353 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



63

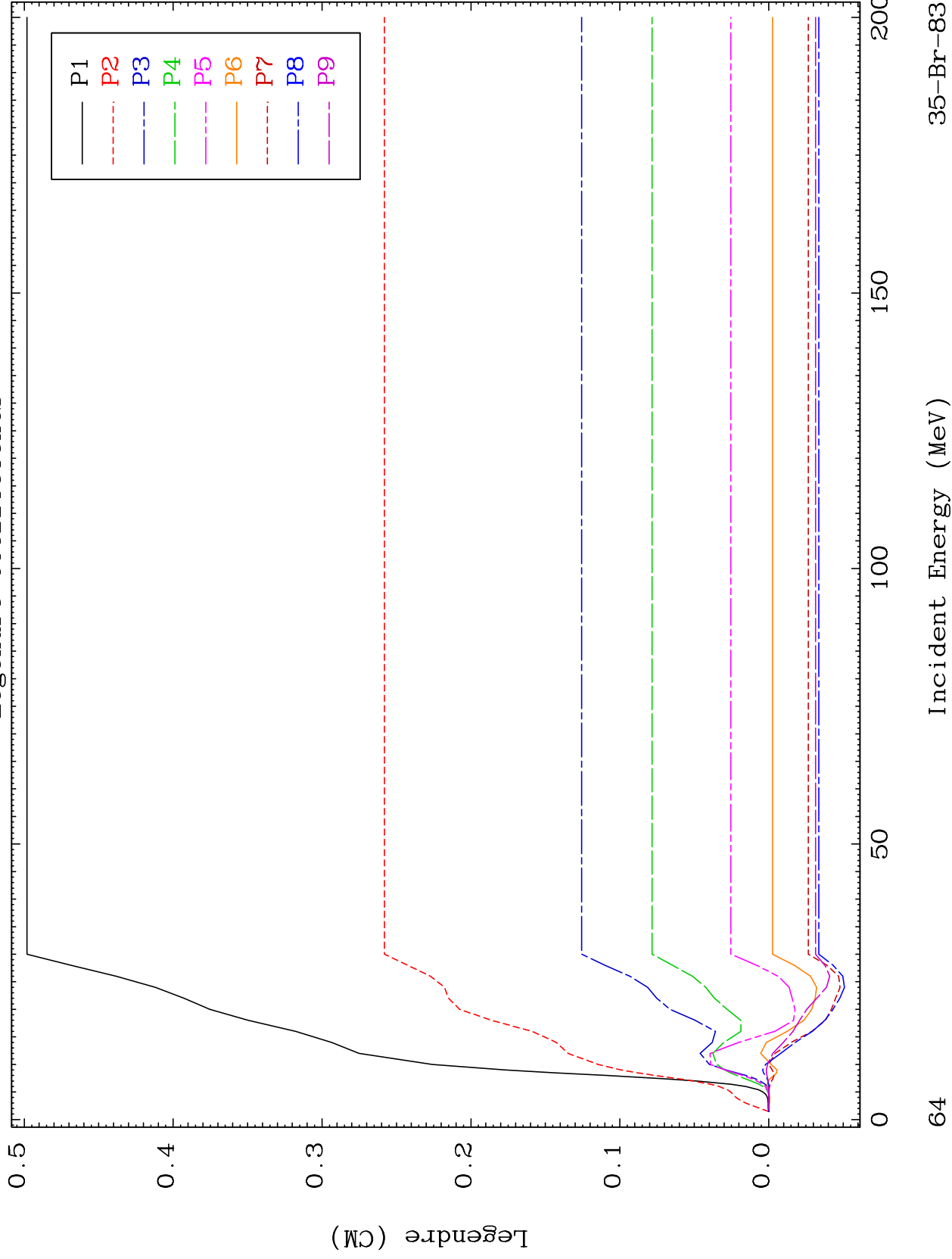
Incident Energy (MeV)

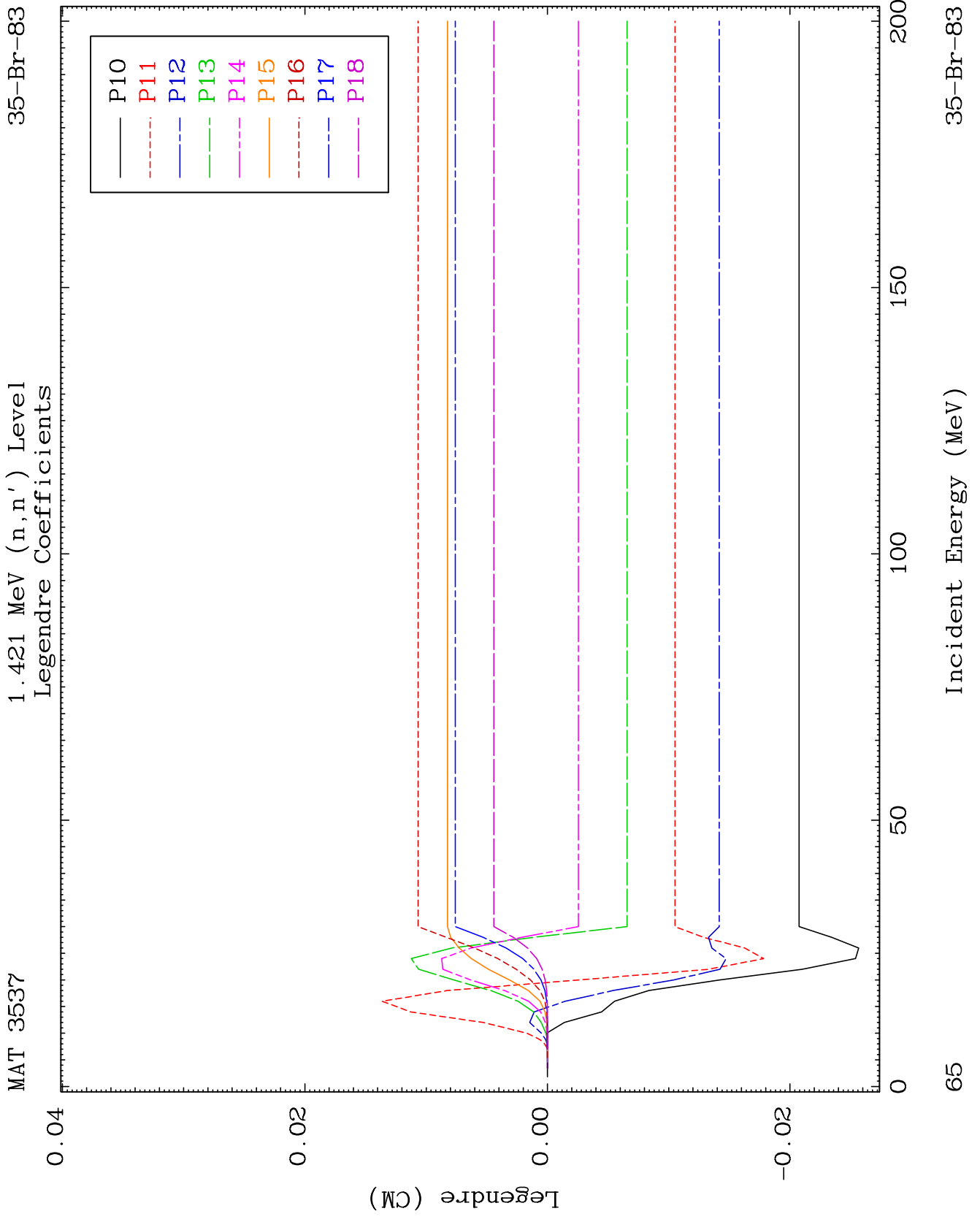
35-Br-83

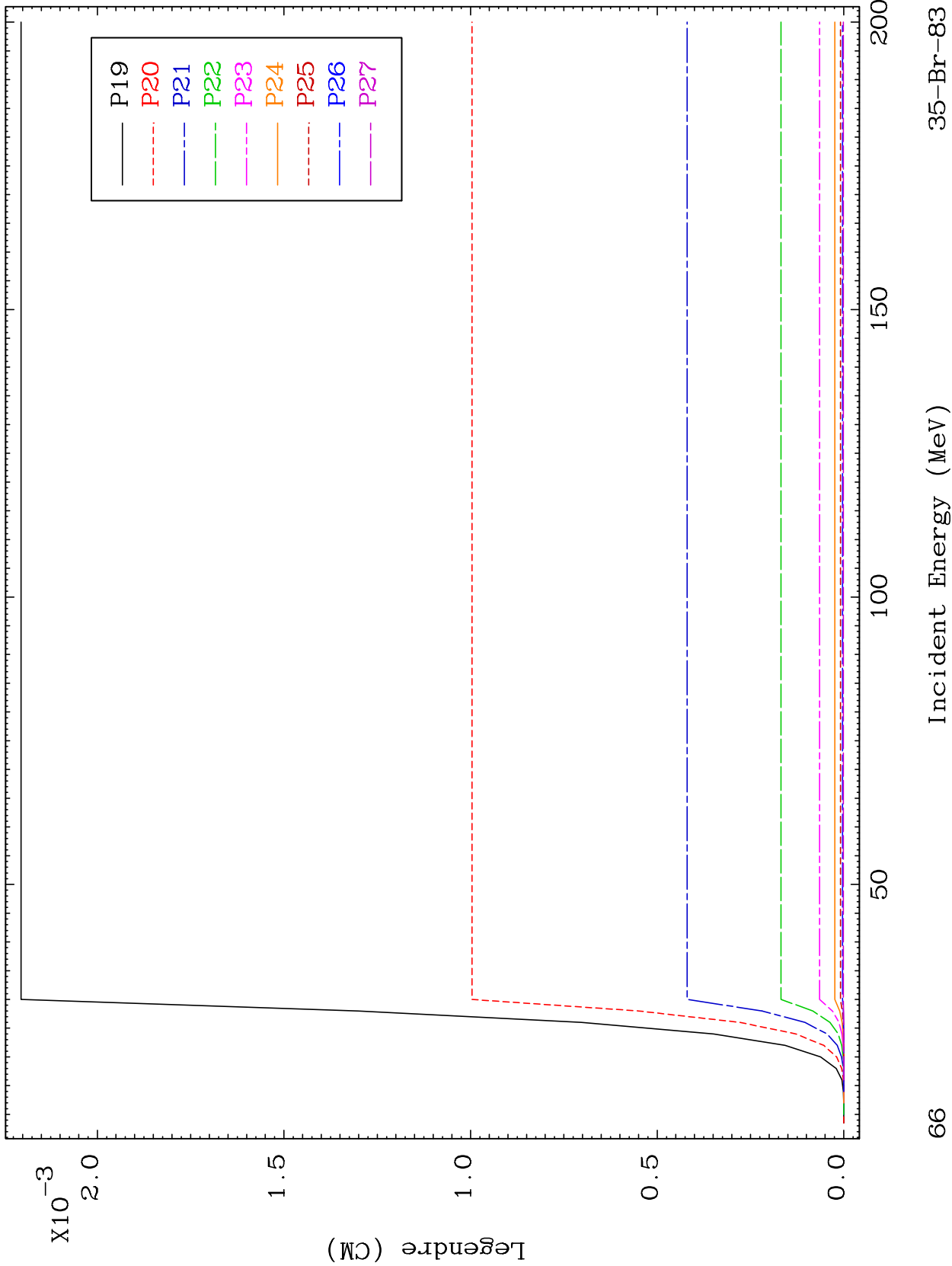
MAT 3537

1.421 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



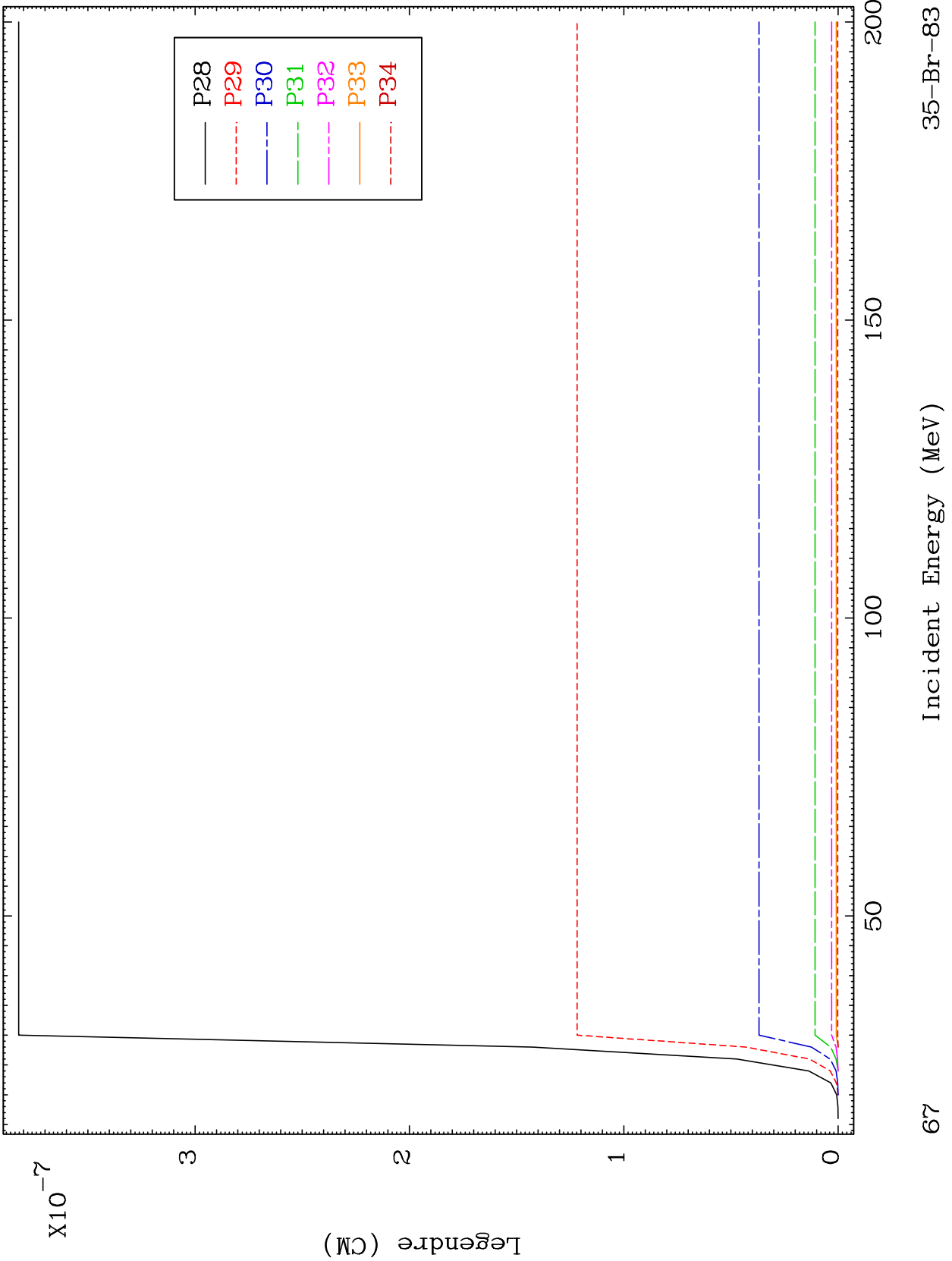




MAT 3537

1.421 MeV (n,n') Level  
Legendre Coefficients

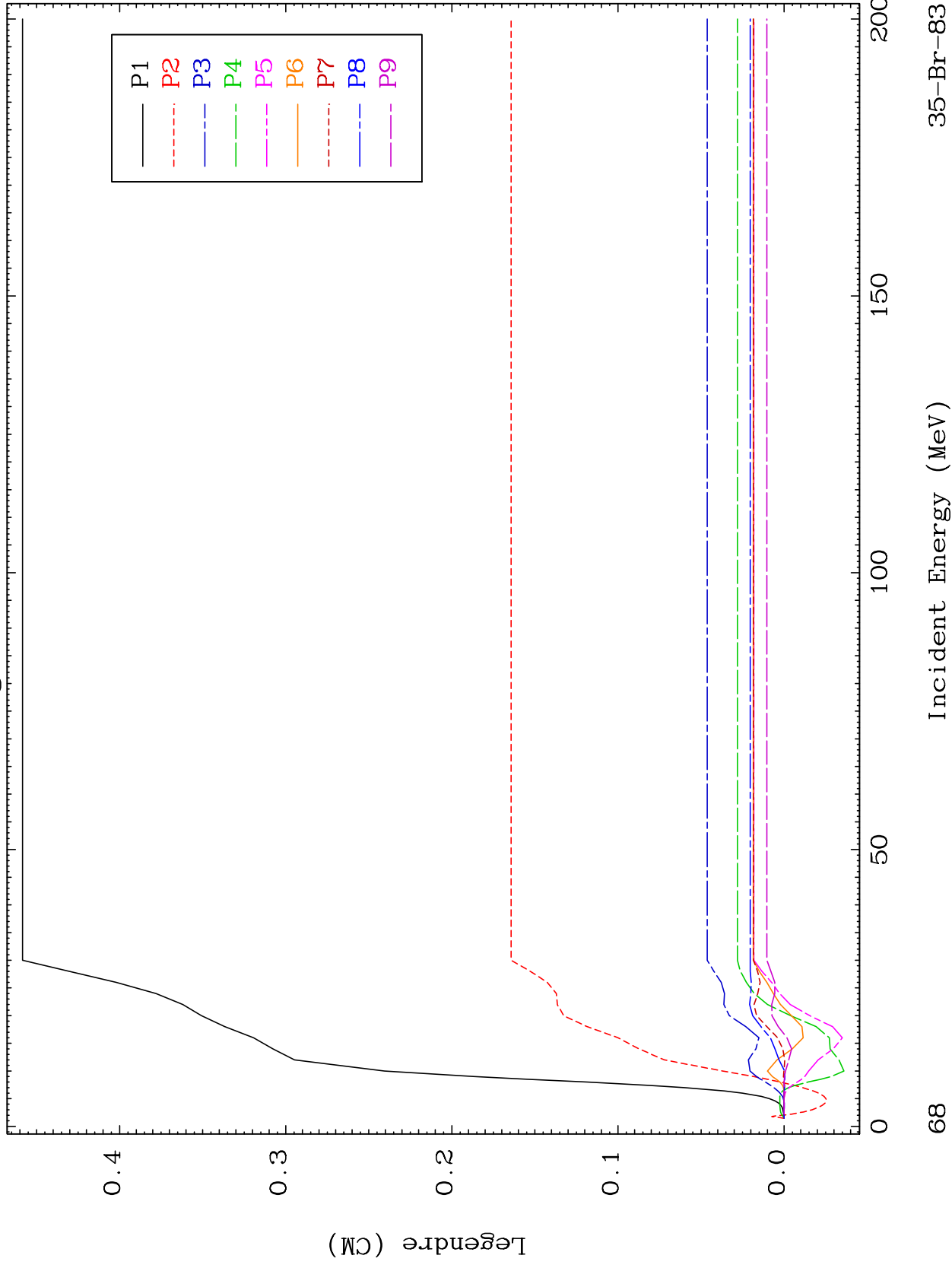
35-Br-83



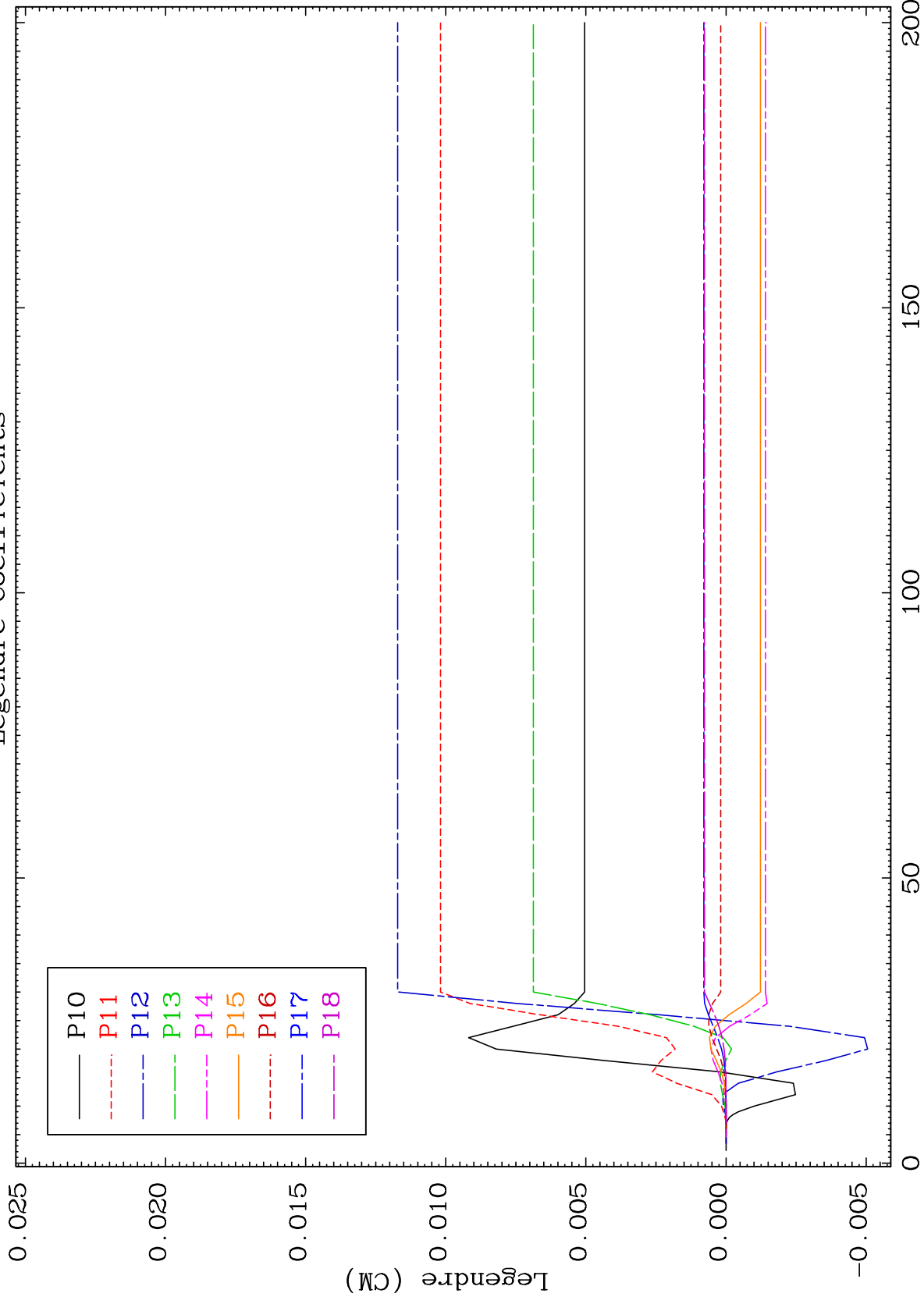
MAT 3537

1.423 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



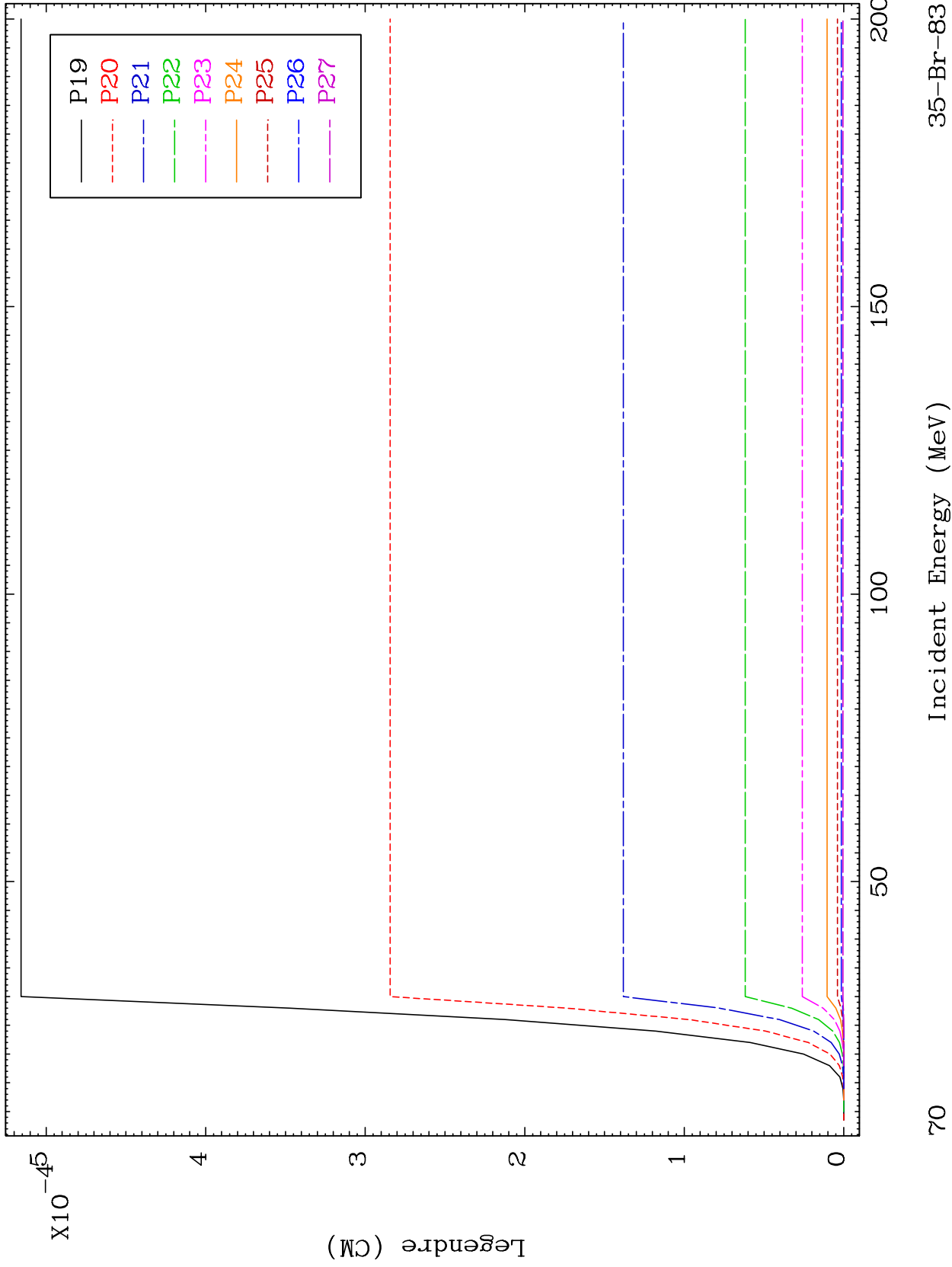
68



MAT 3537

1.423 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



70

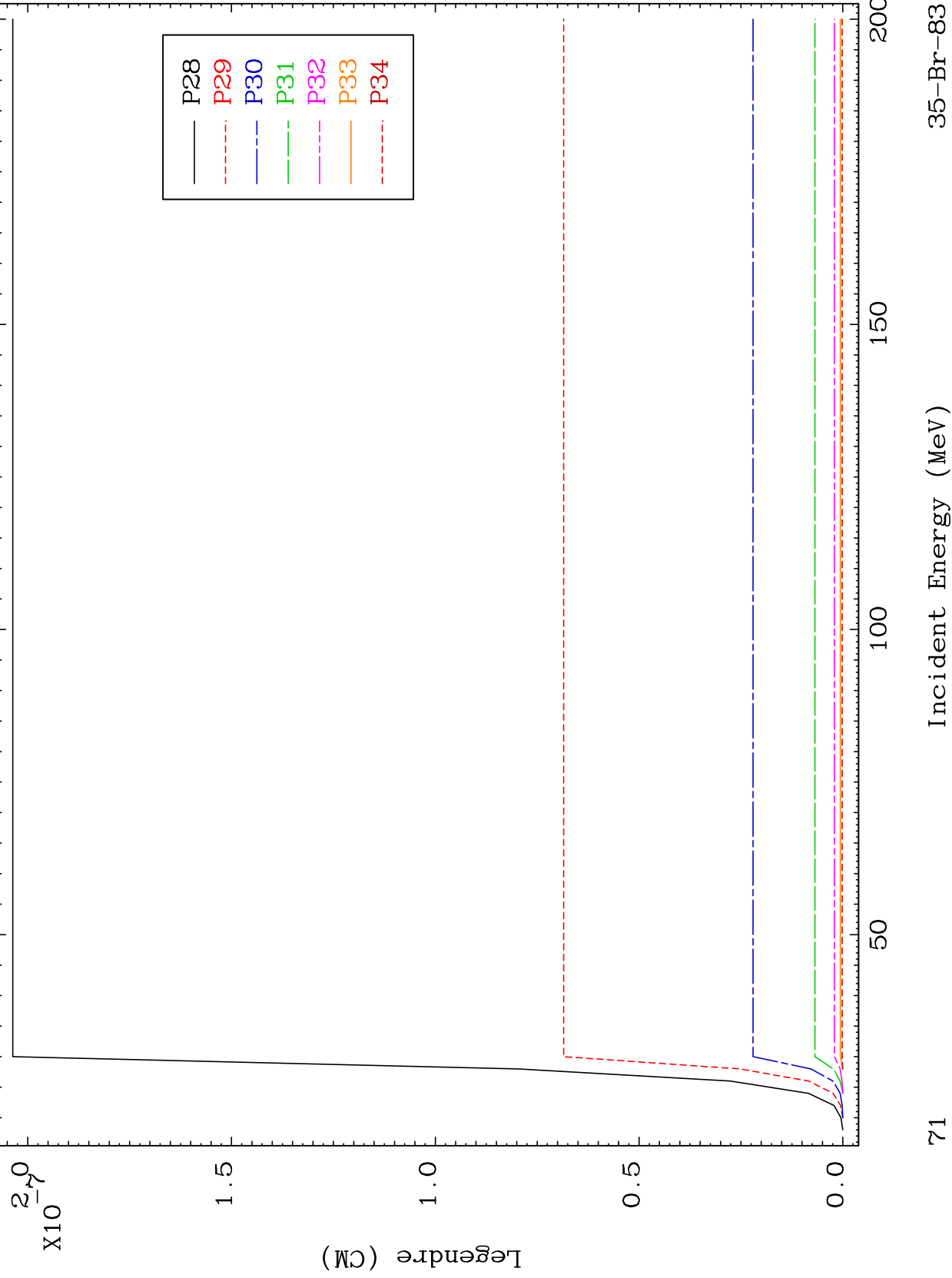
Incident Energy (MeV)

35-Br-83

MAT 3537

1.423 MeV (n, n') Level  
Legendre Coefficients

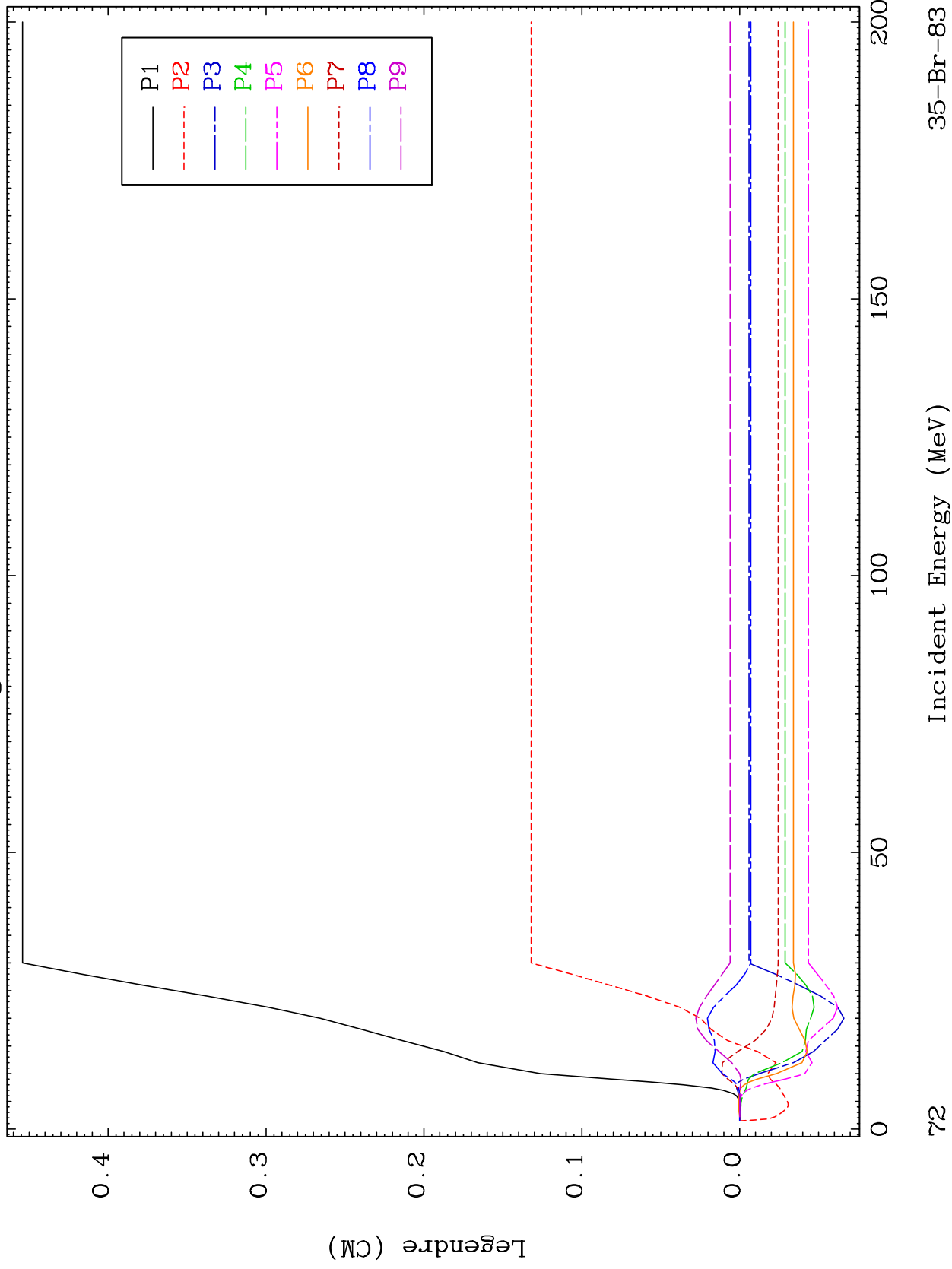
35-Br-83



MAT 3537

1.439 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



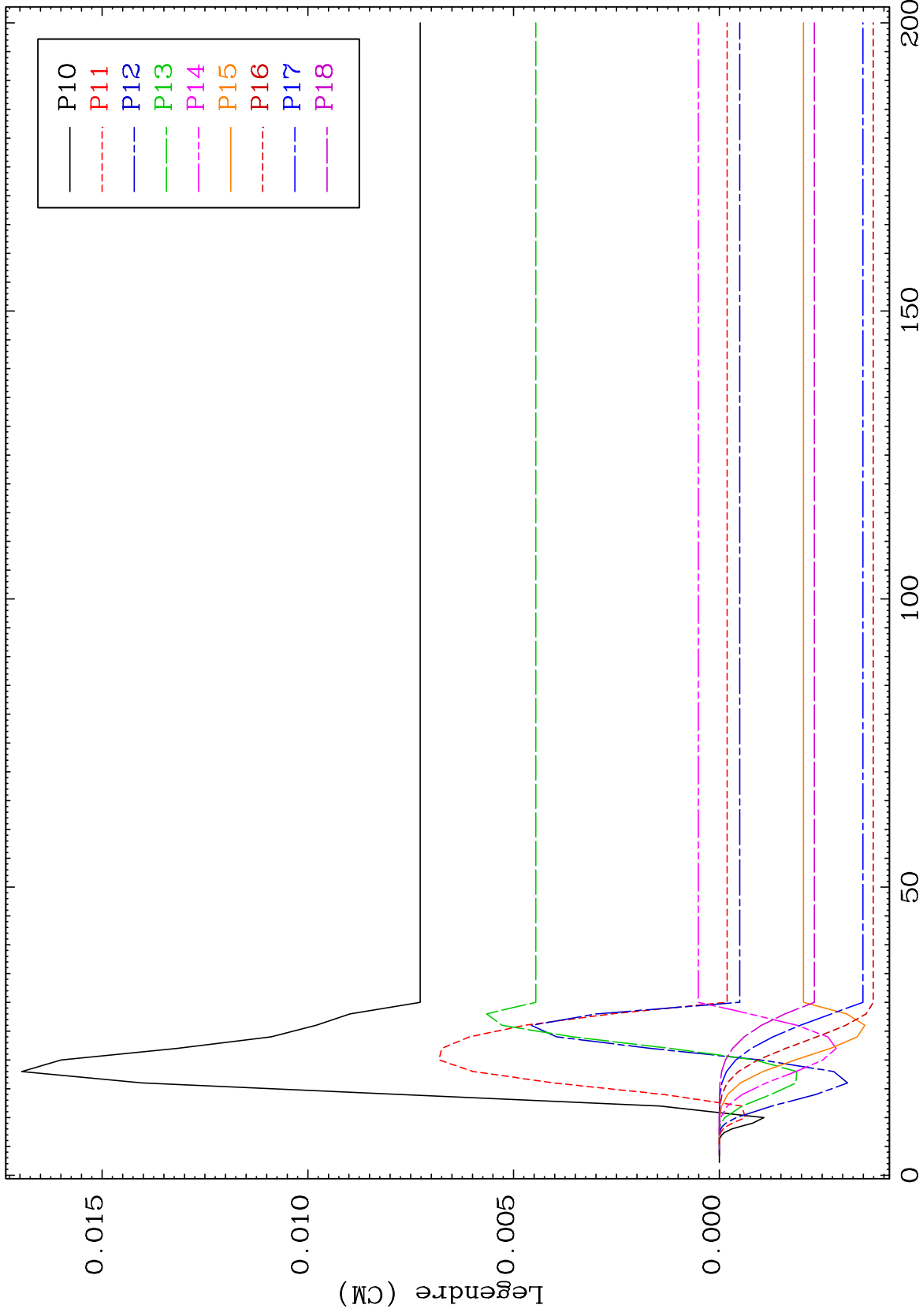
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35-Br-83

MAT 3537

1.439 MeV (n,n') Level  
Legendre Coefficients

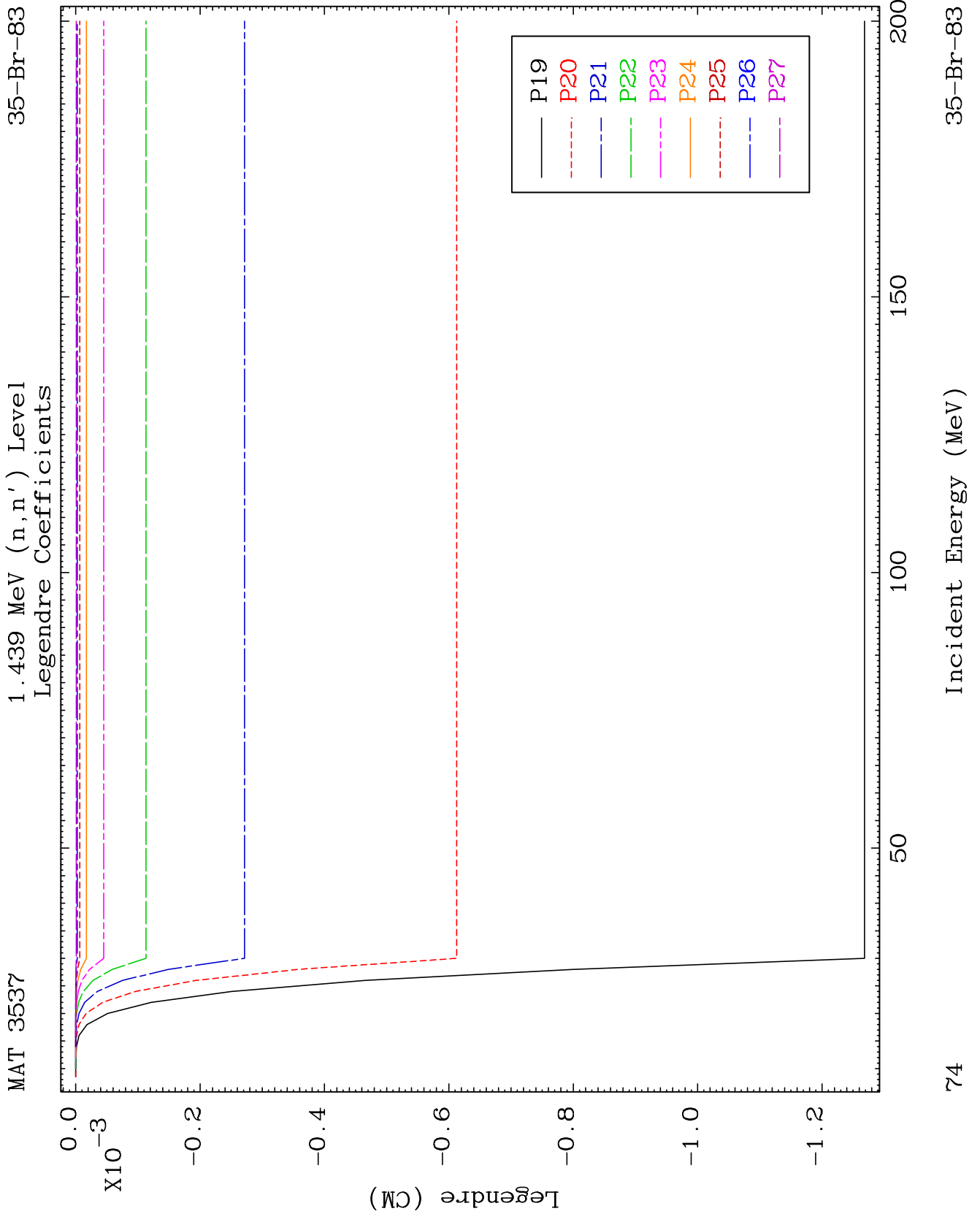
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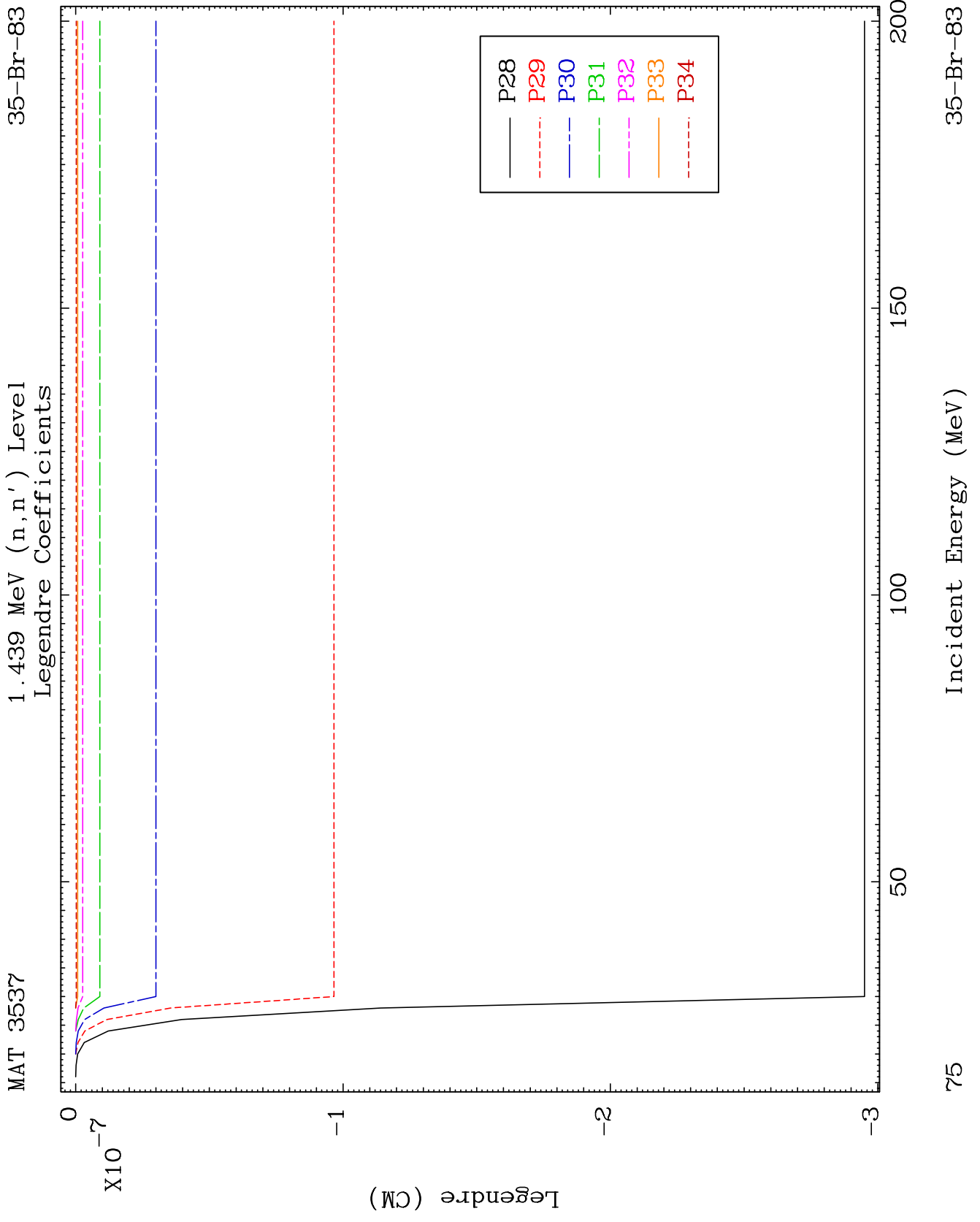


73

Incident Energy (MeV)

35-Br-83

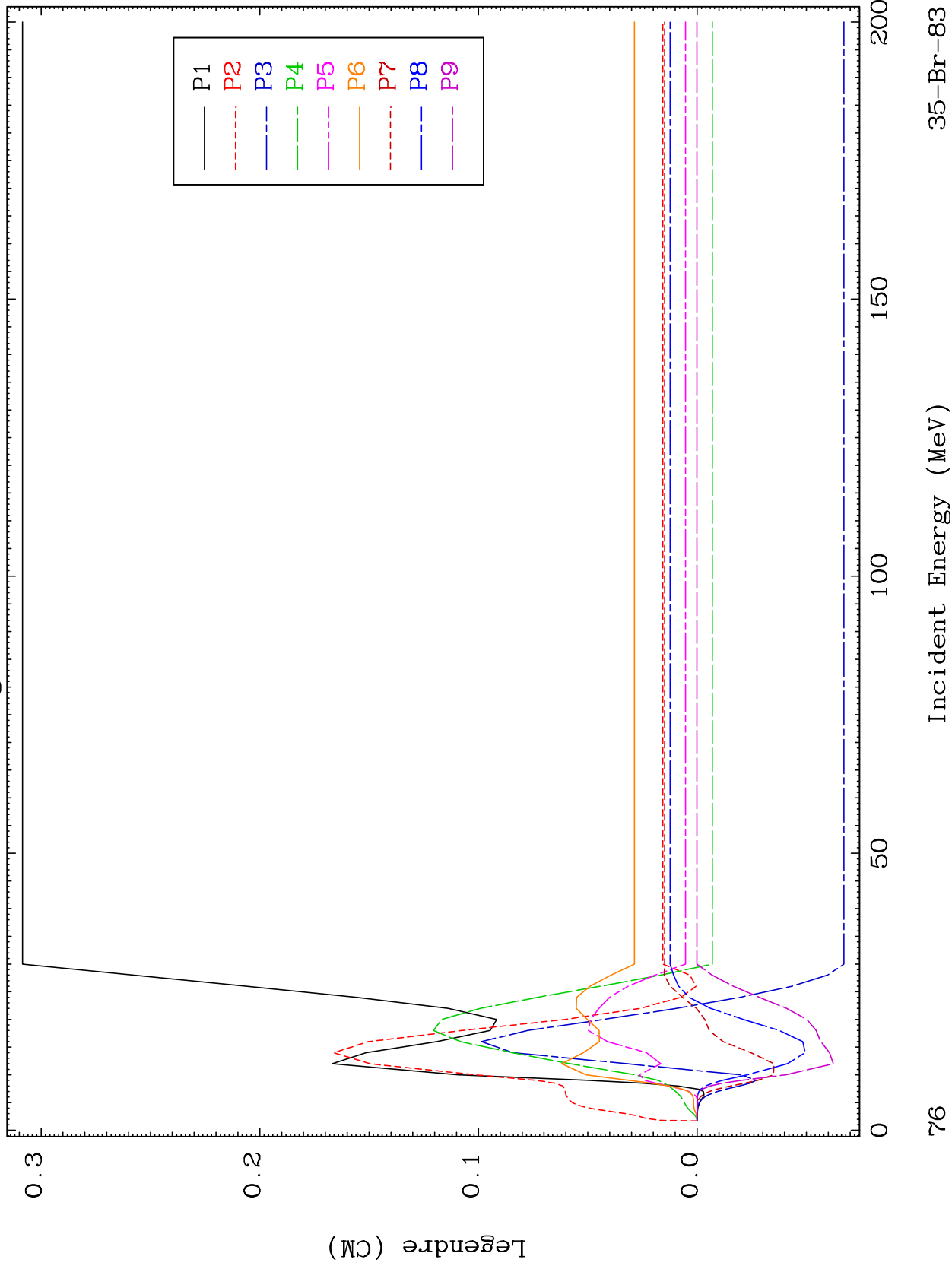




MAT 3537

1.660 MeV (n, n') Level  
Legendre Coefficients

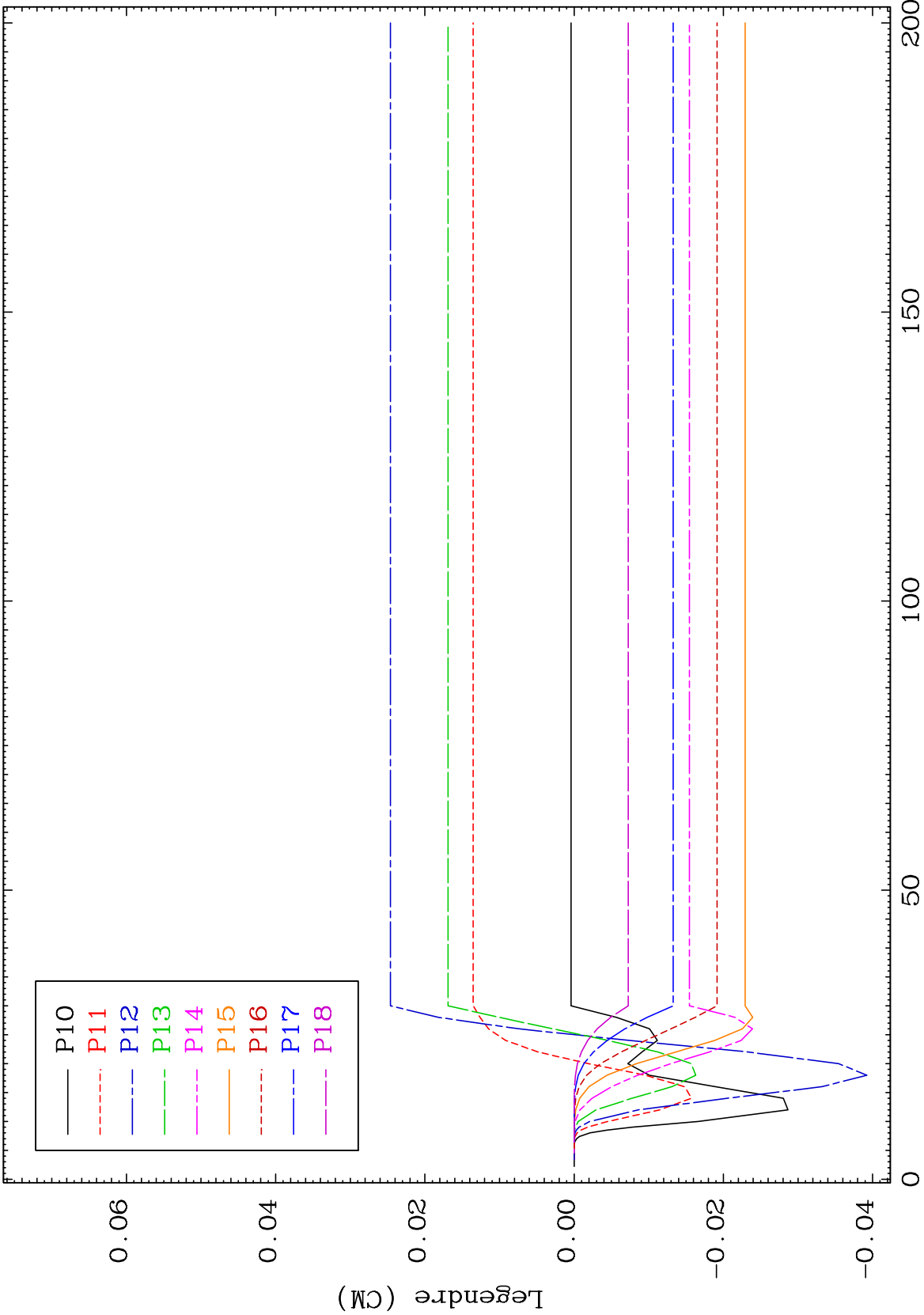
35-Br-83

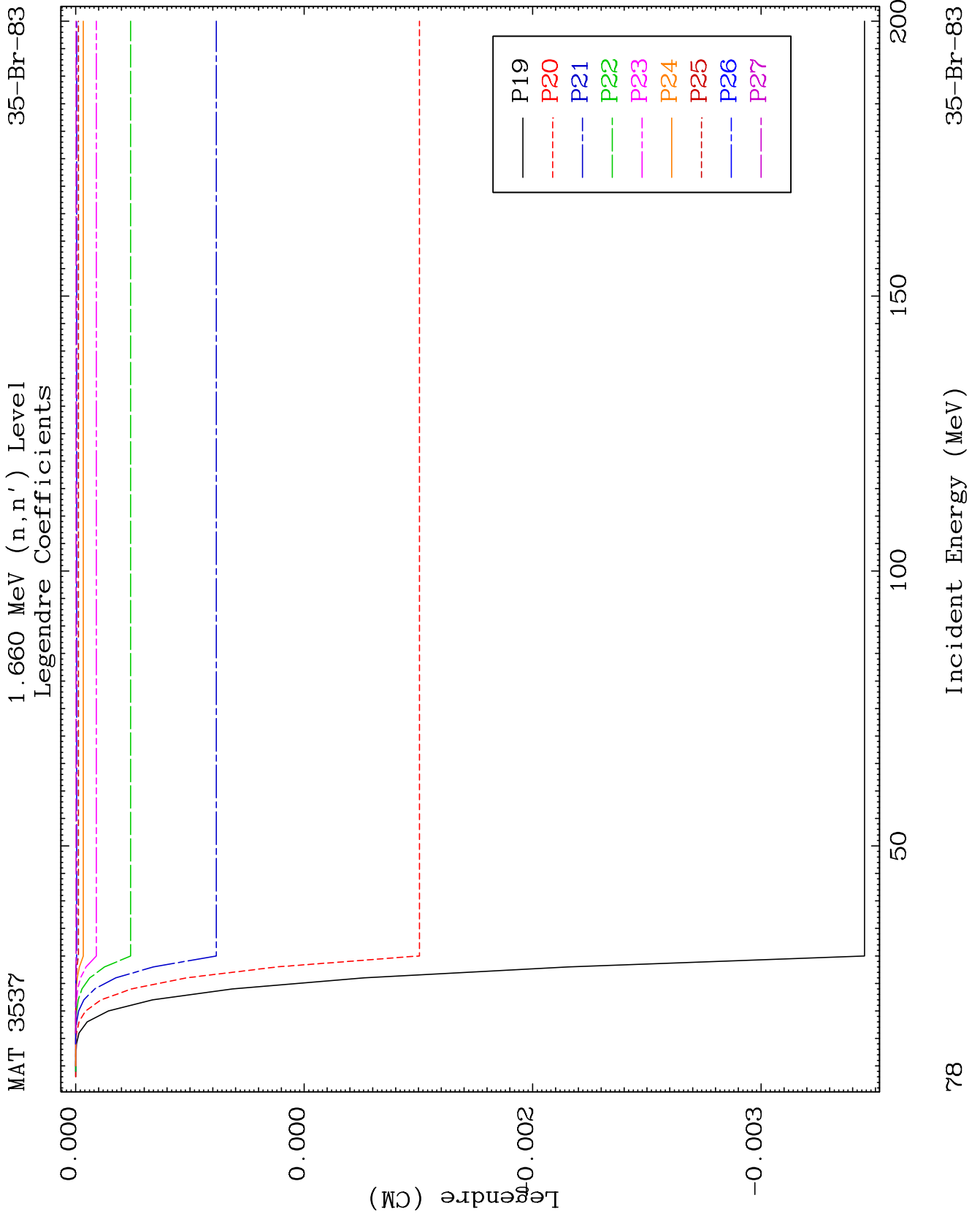


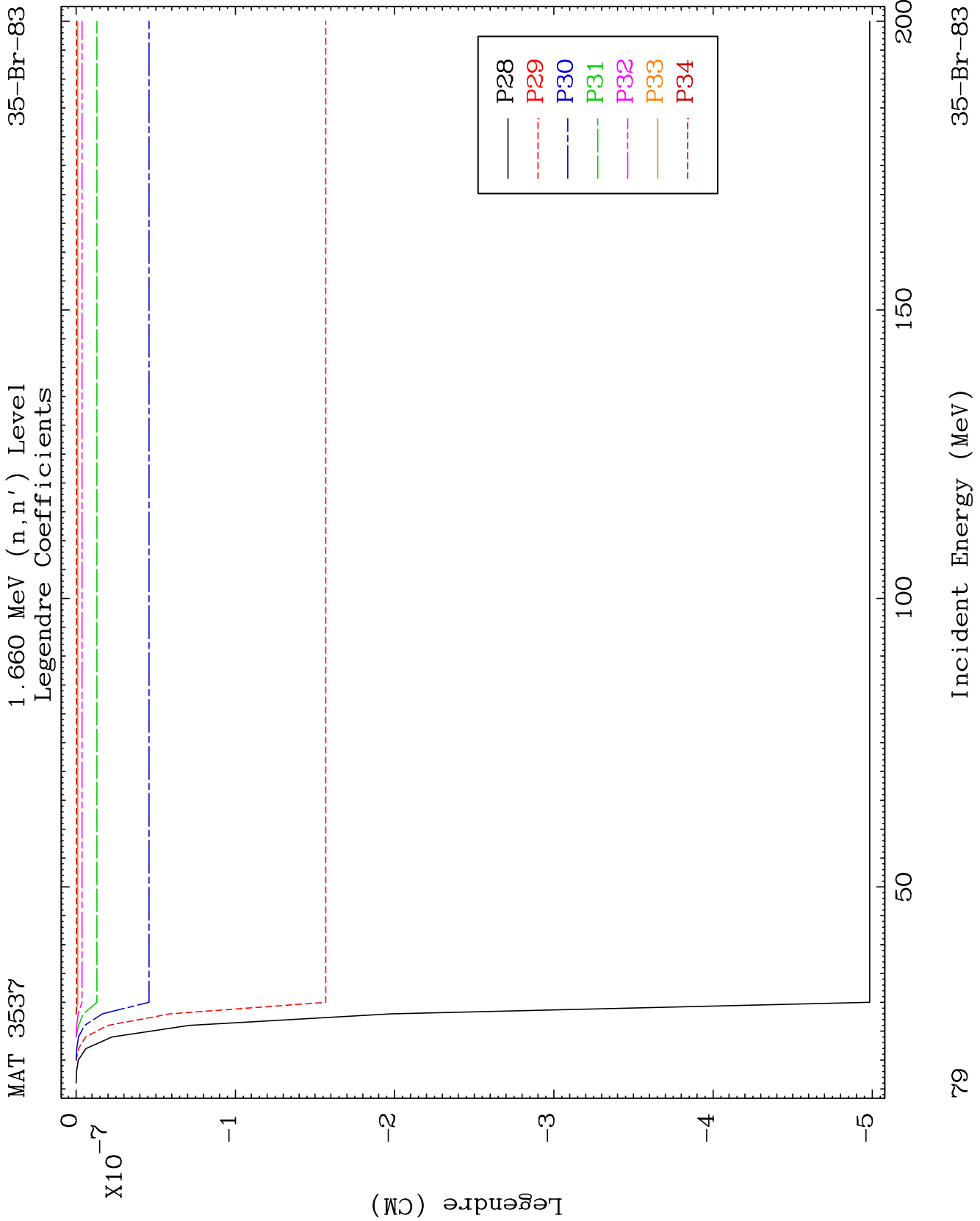
76

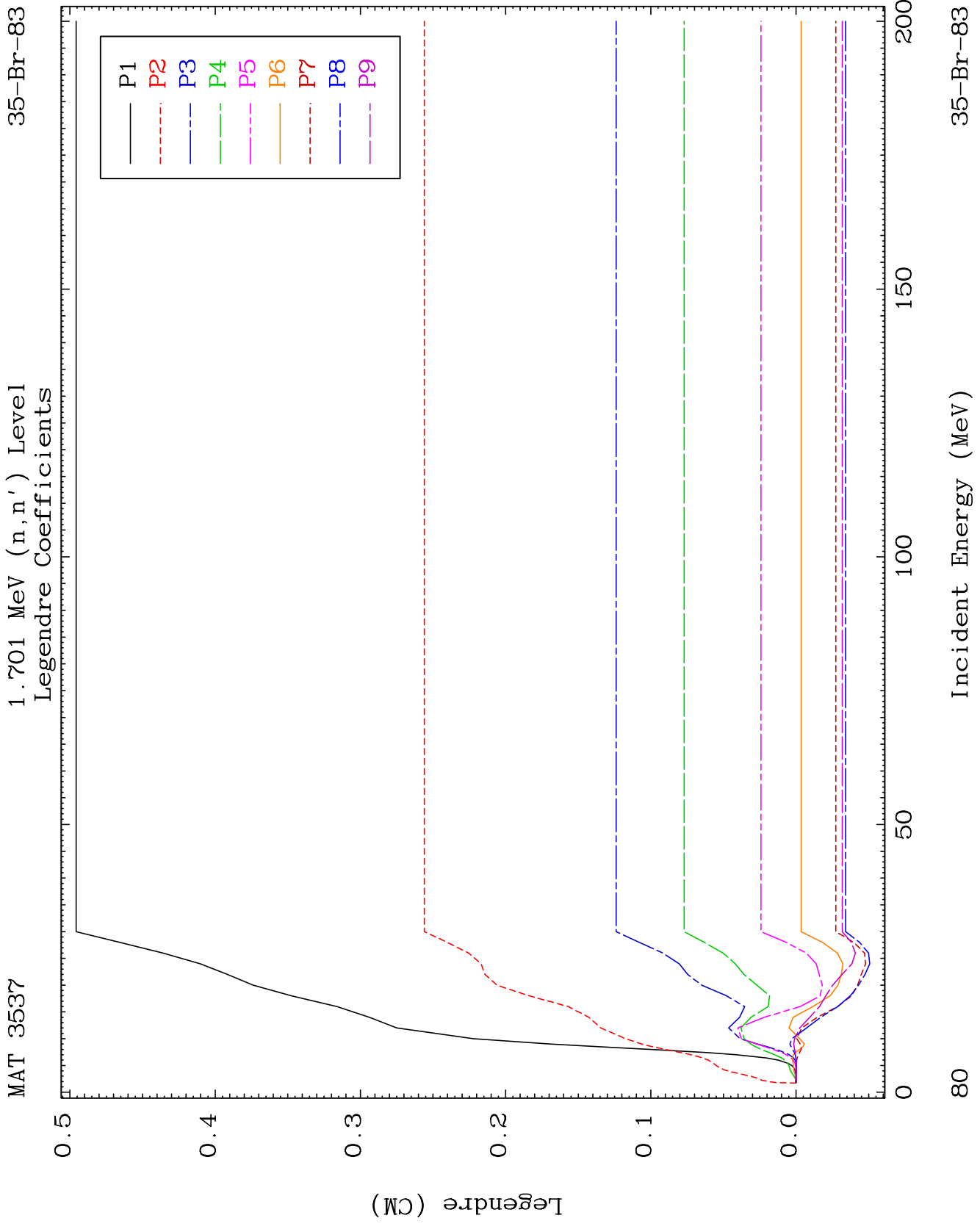
Incident Energy (MeV)

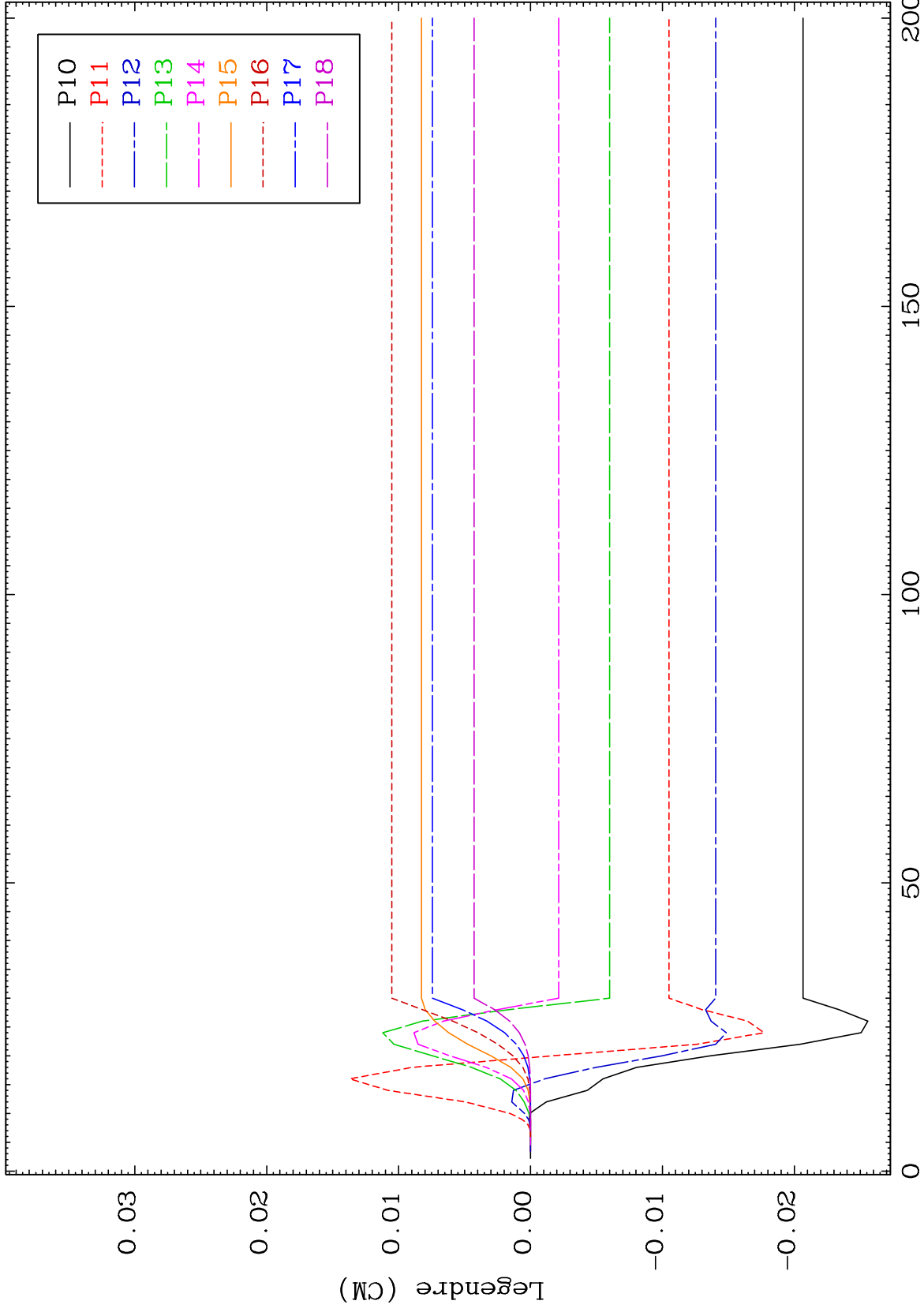
35-Br-83







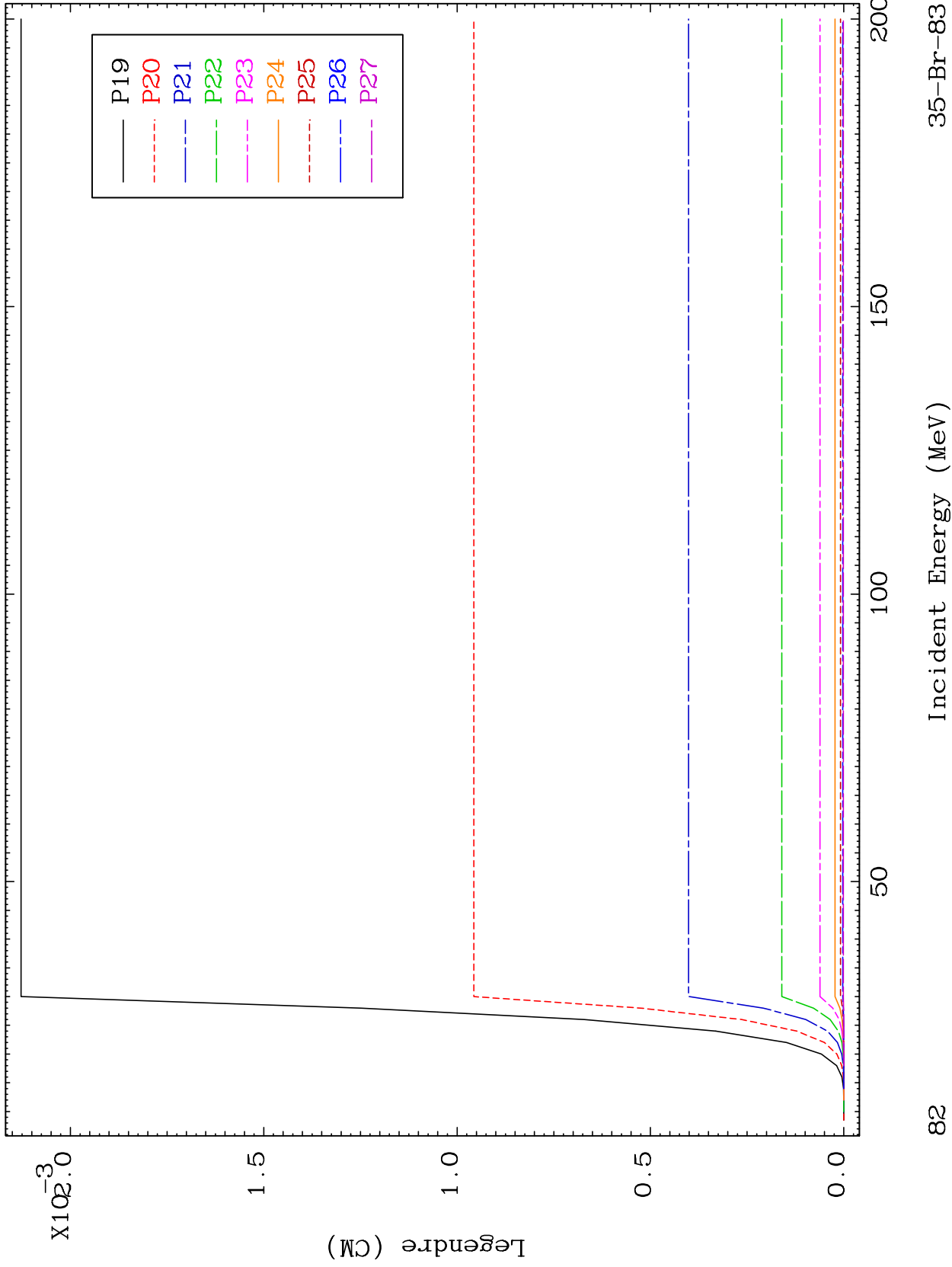




MAT 3537

1.701 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



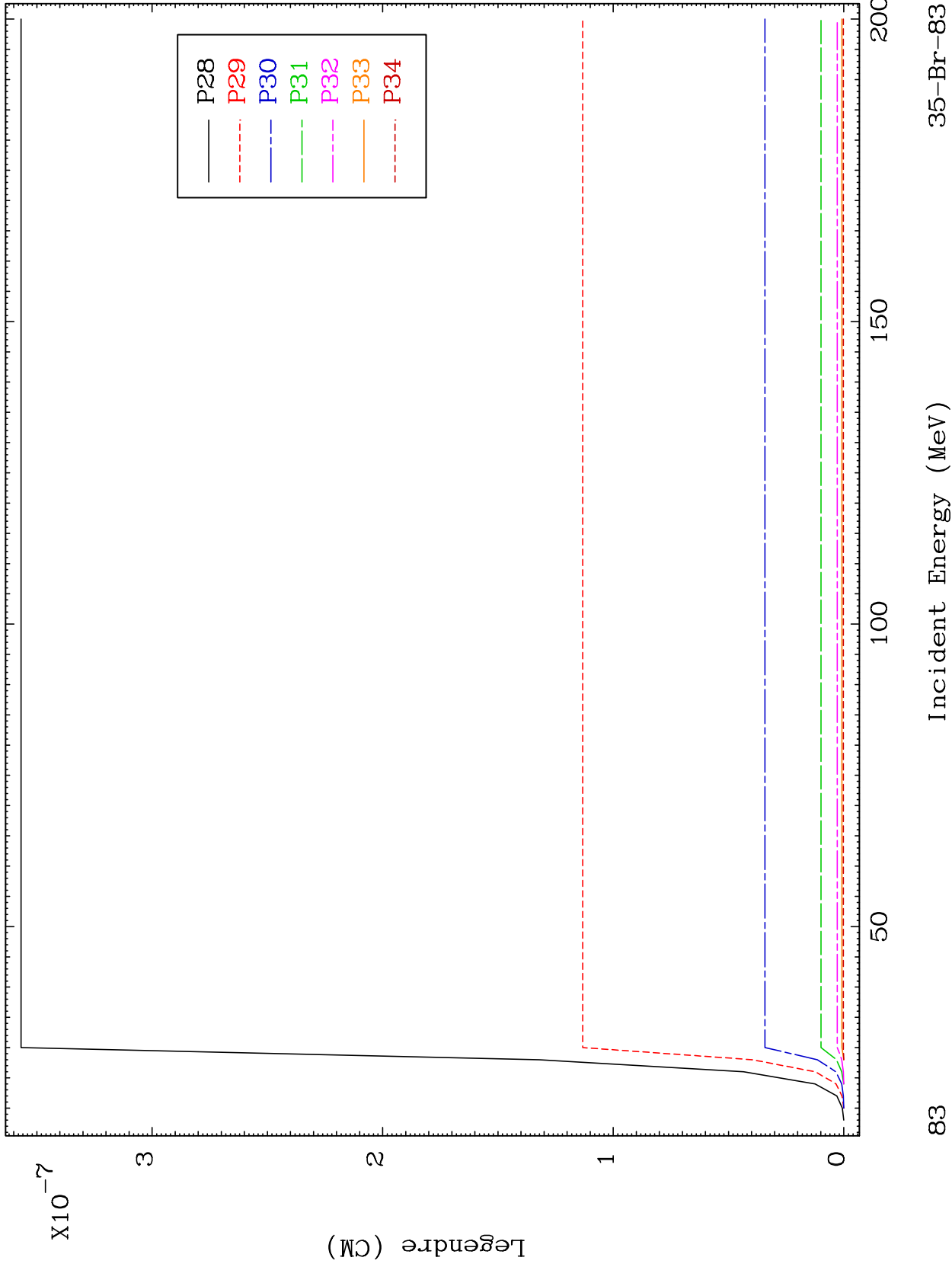
82

35-Br-83

MAT 3537

1.701 MeV (n,n') Level  
Legendre Coefficients

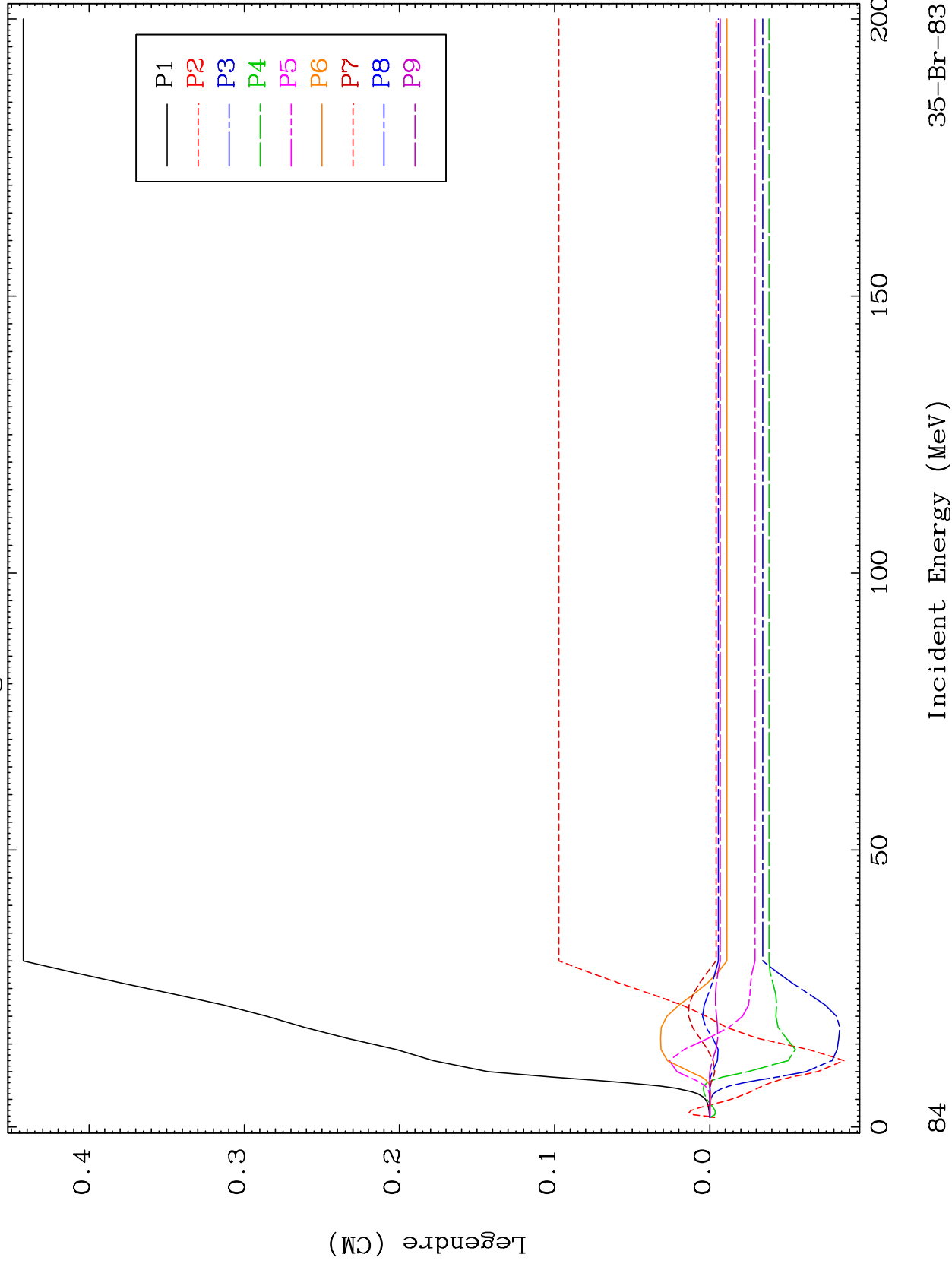
35-Br-83



MAT 3537

1.703 MeV (n,n') Level  
Legendre Coefficients

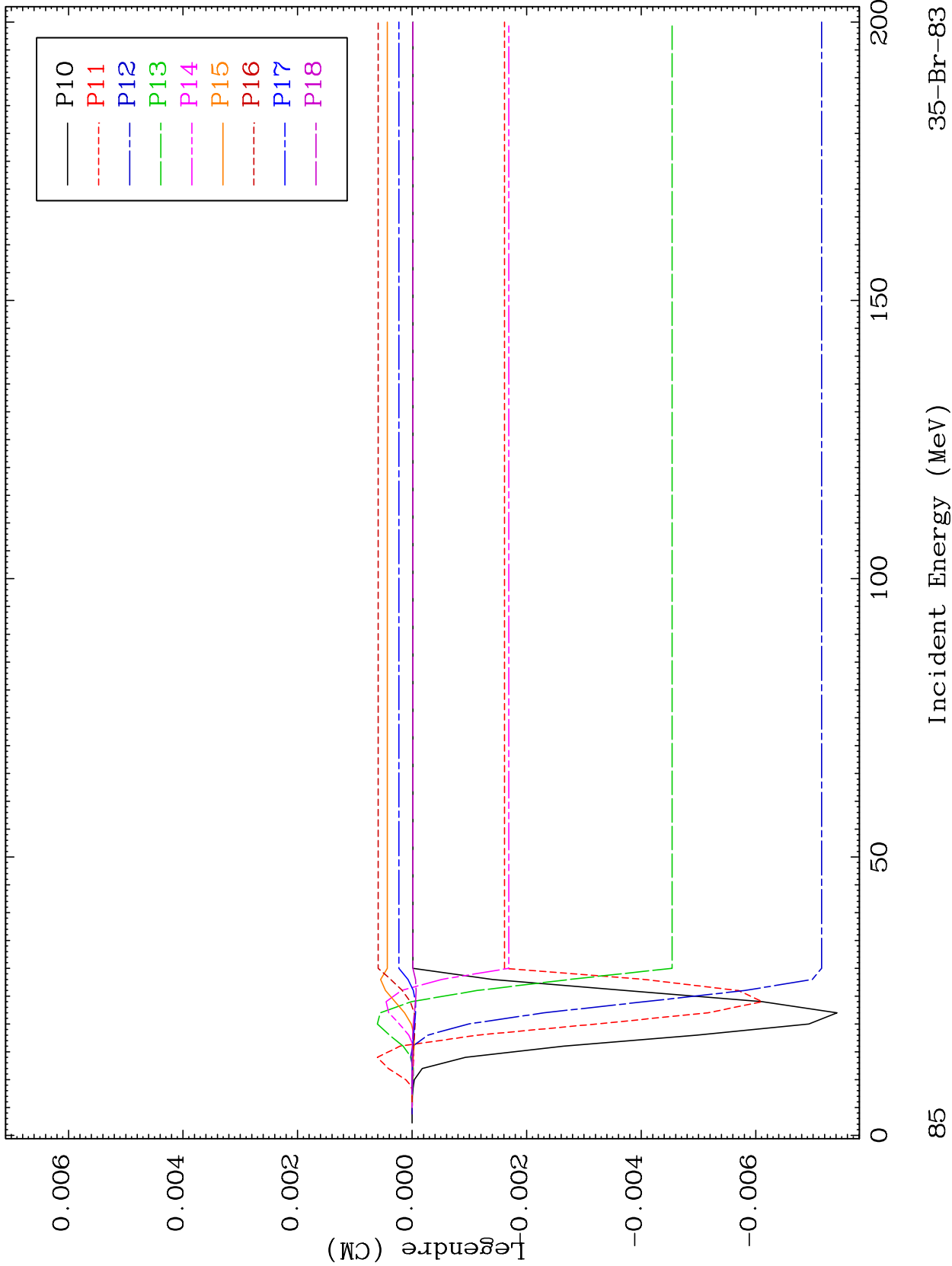
35-Br-83

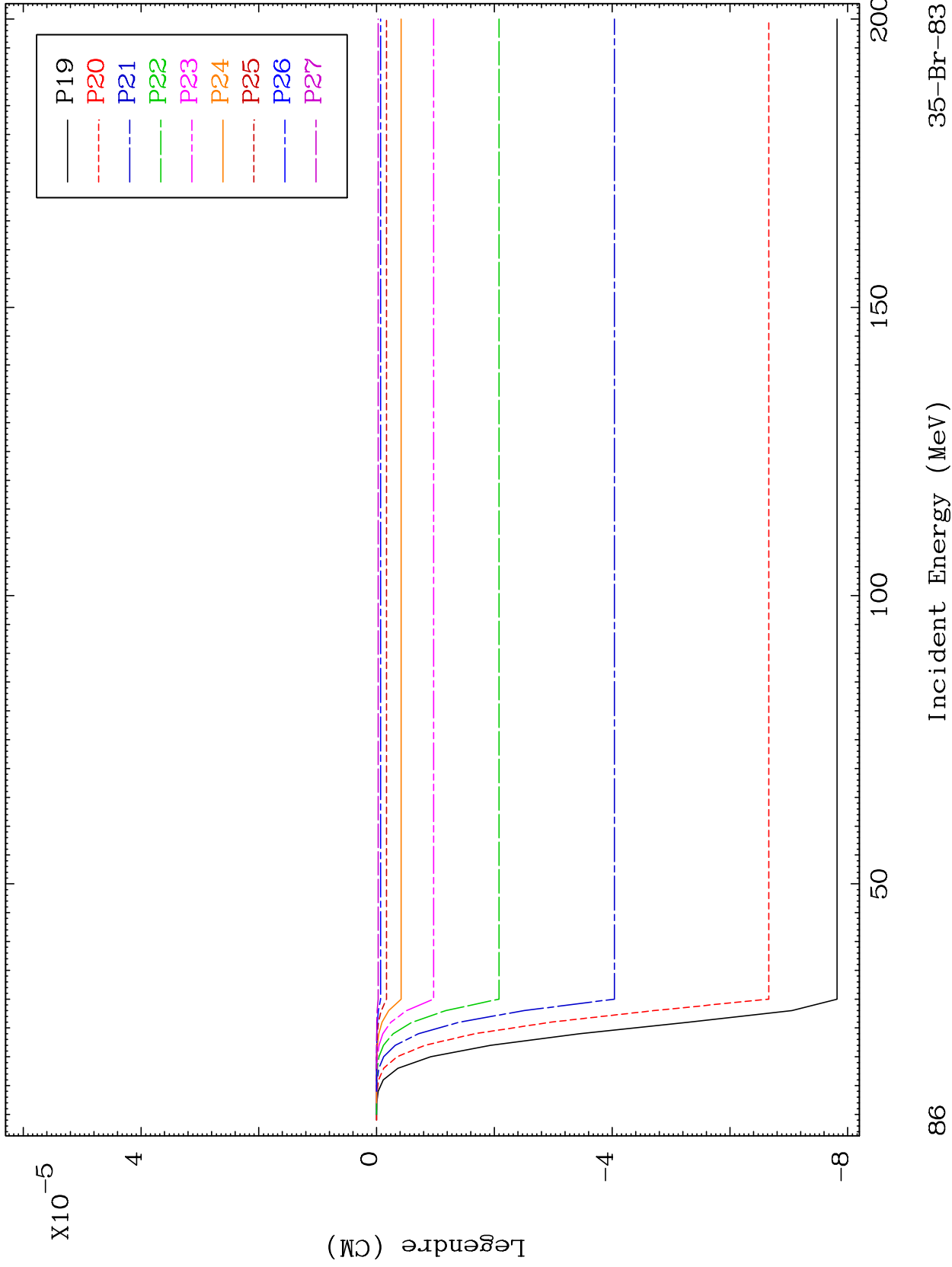


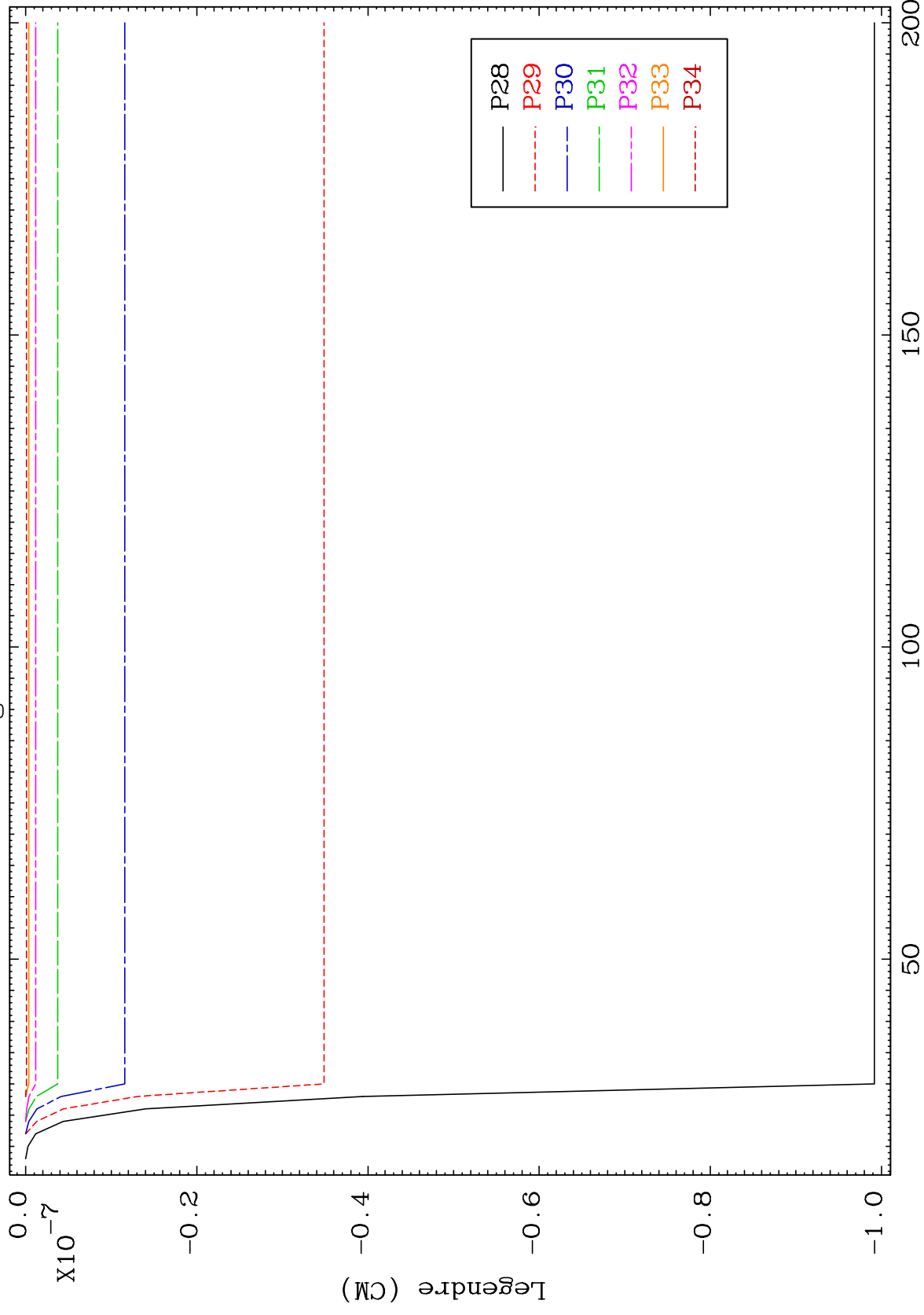
84

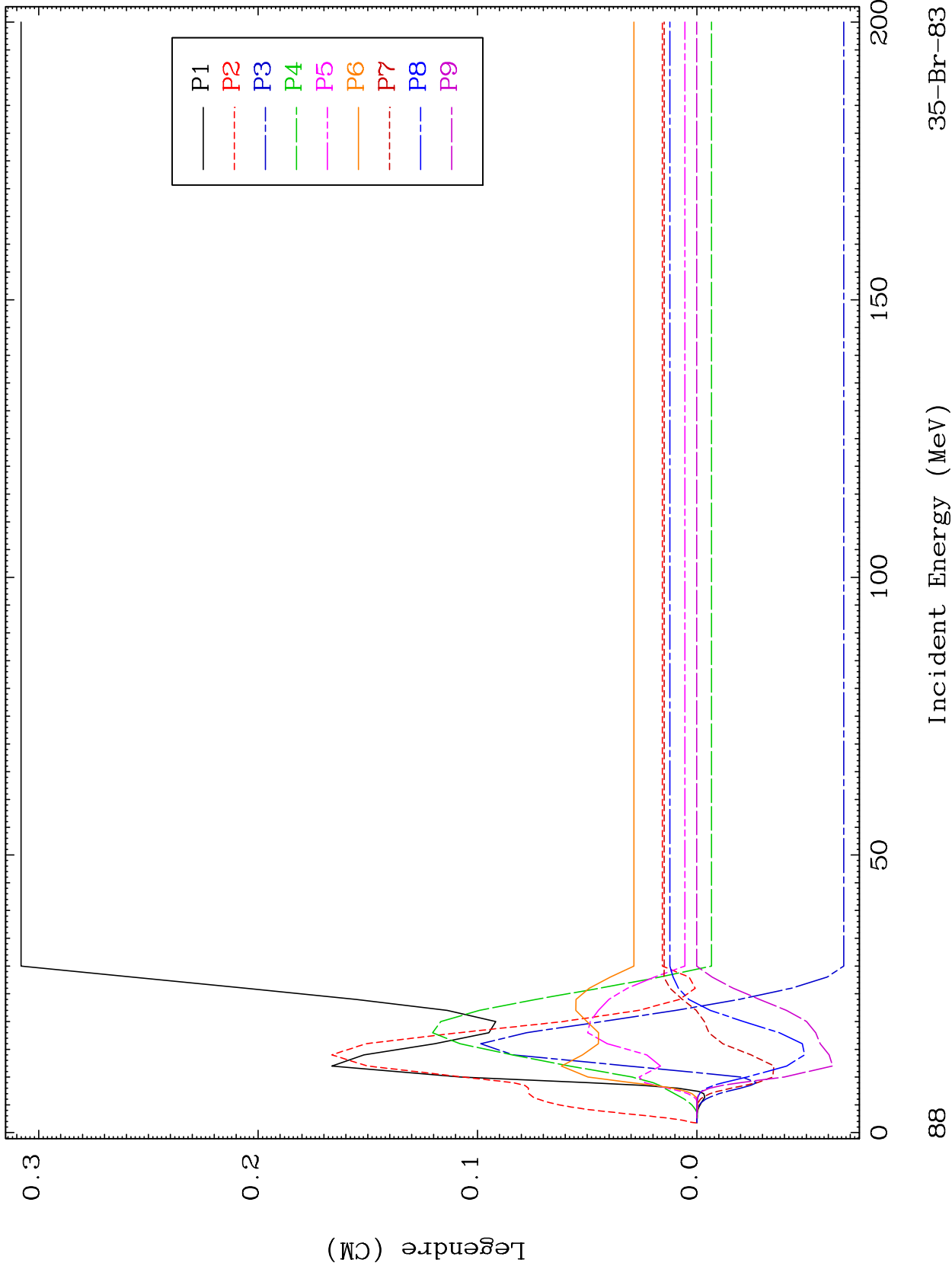
Incident Energy (MeV)

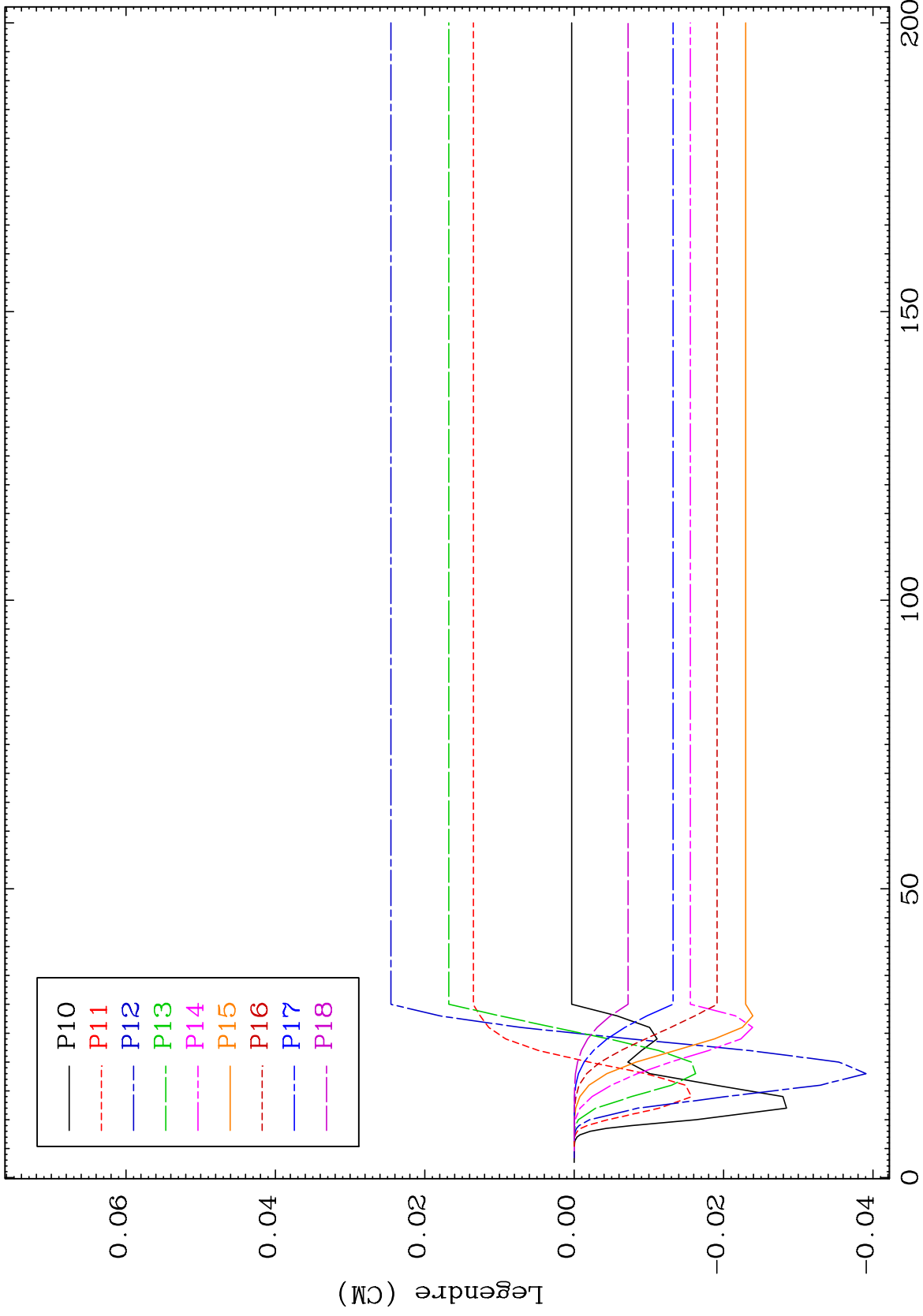
35-Br-83

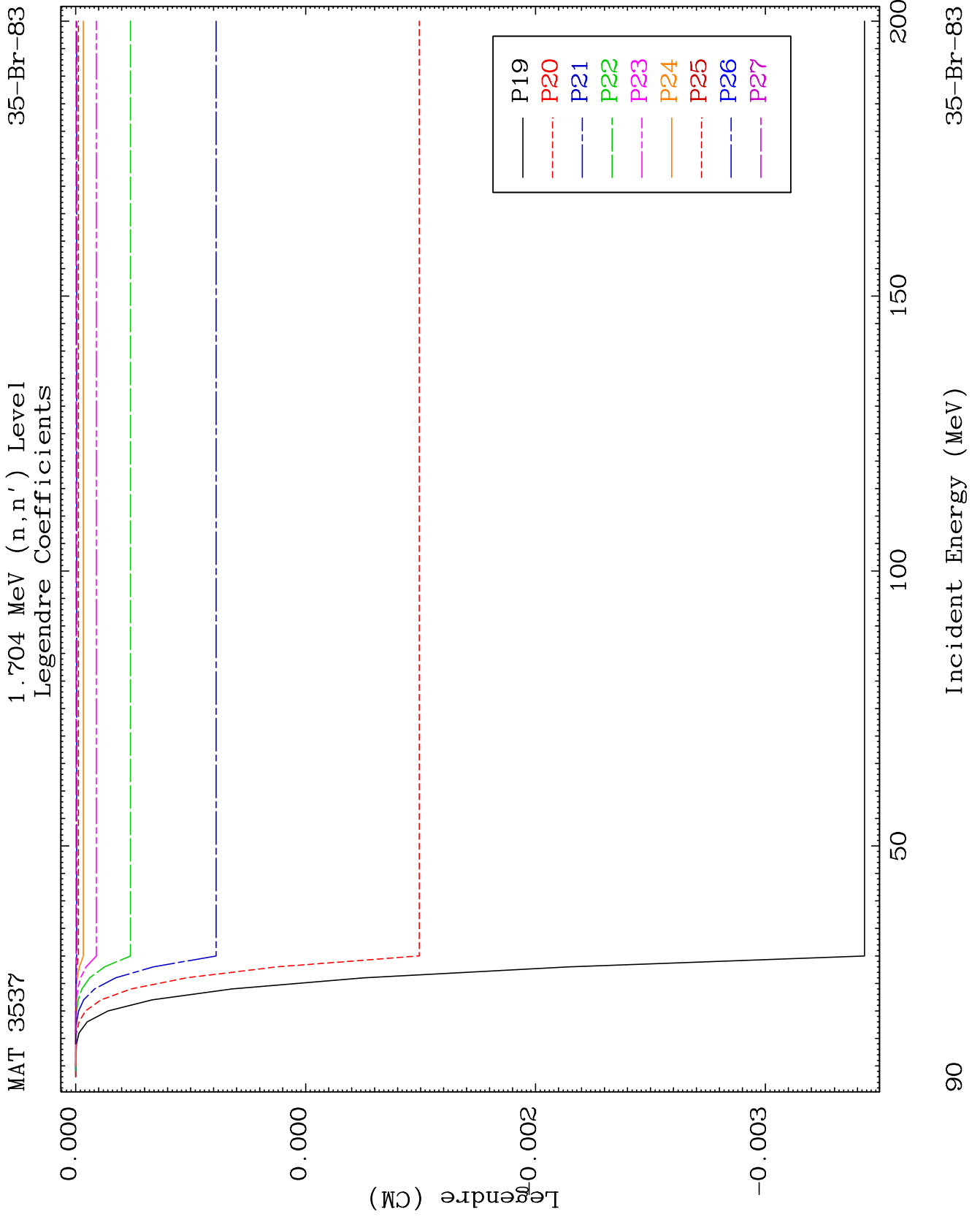


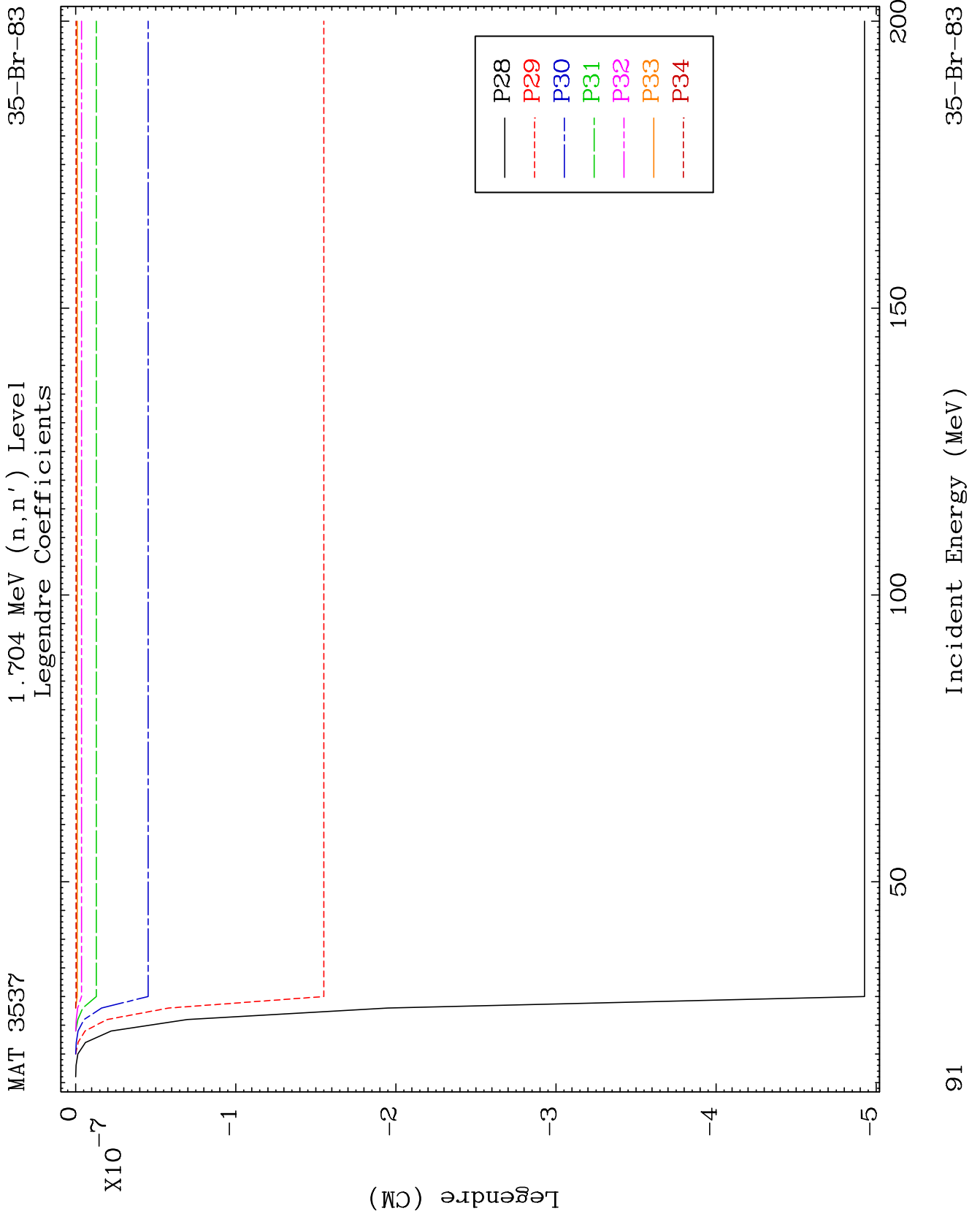


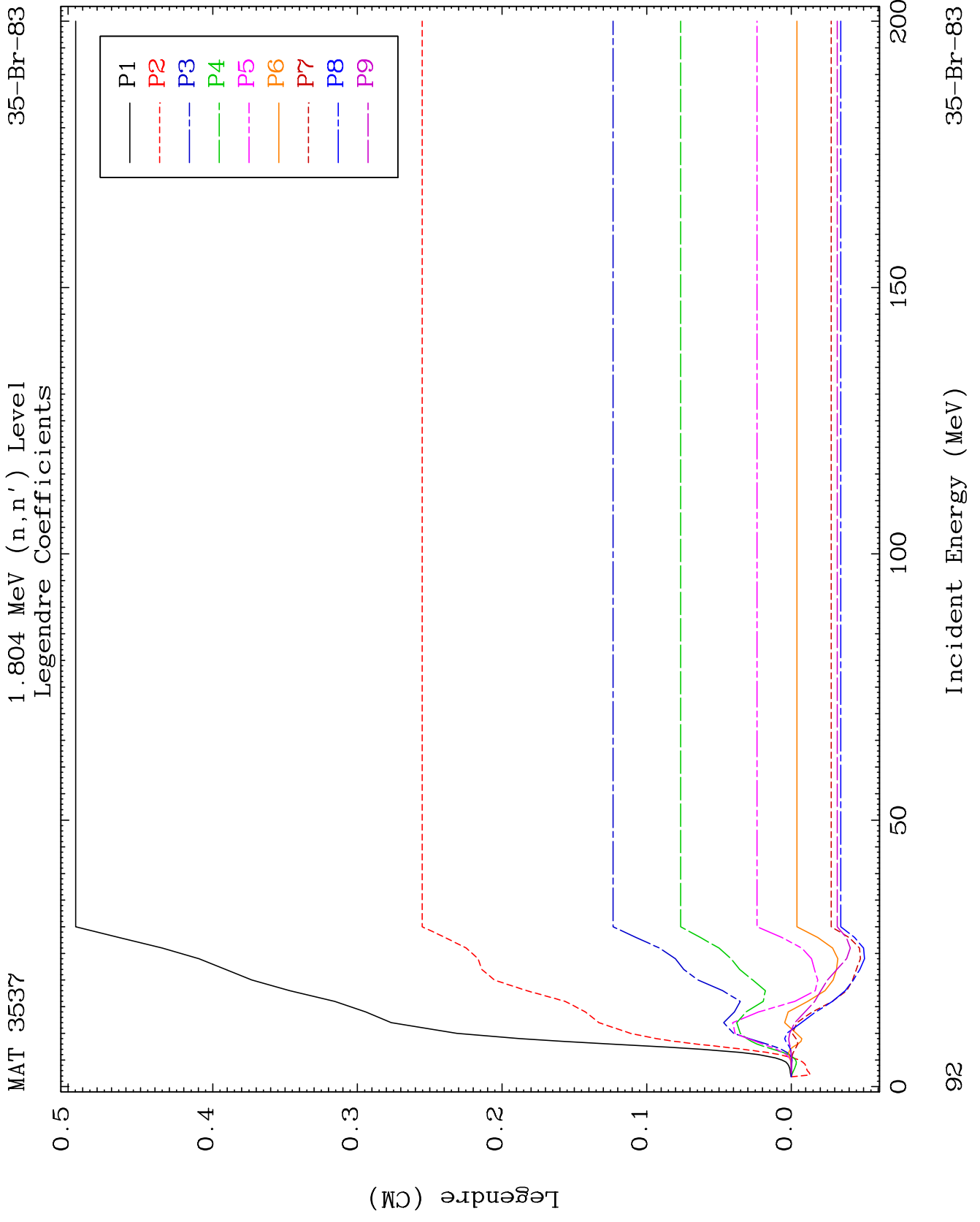


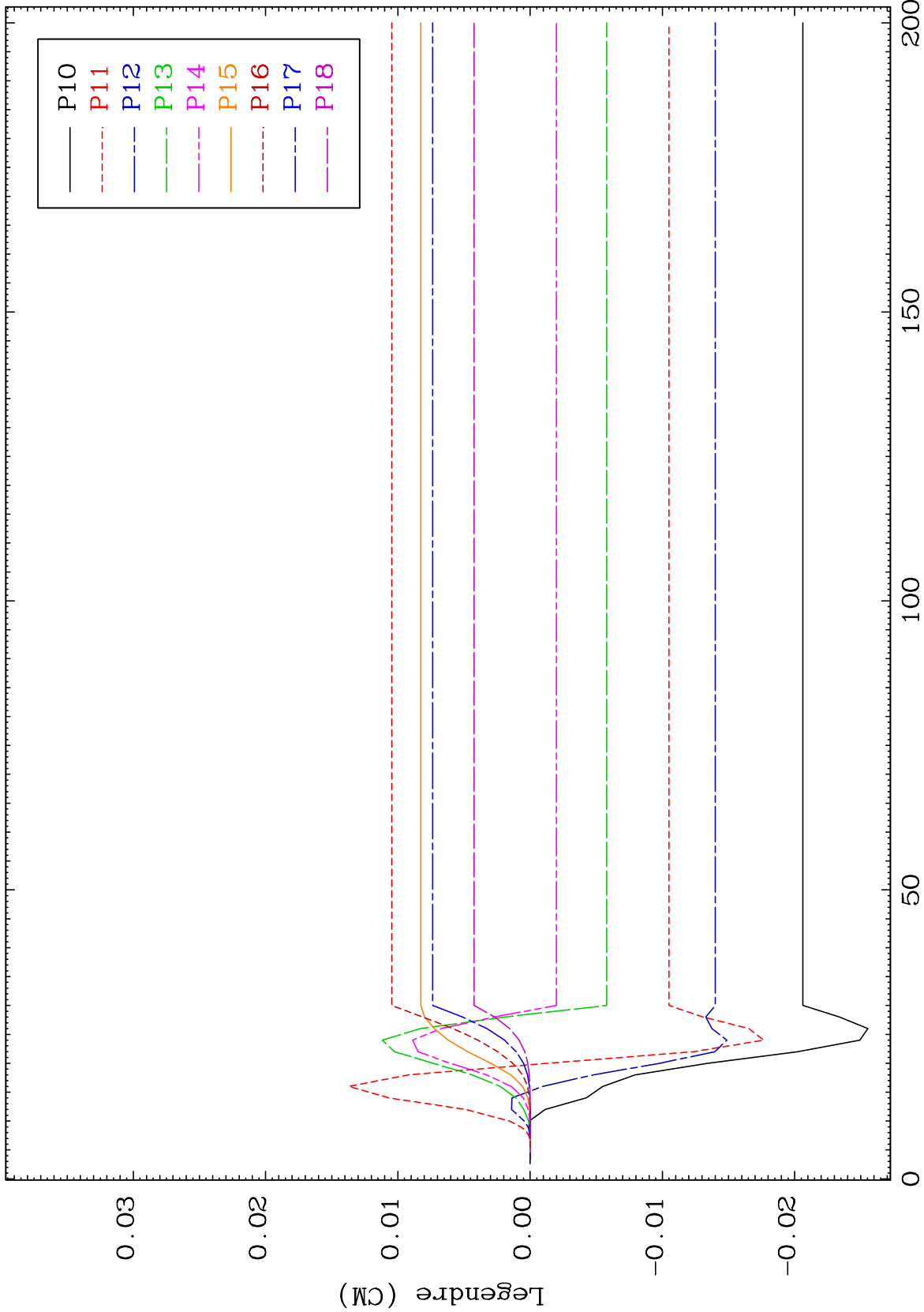










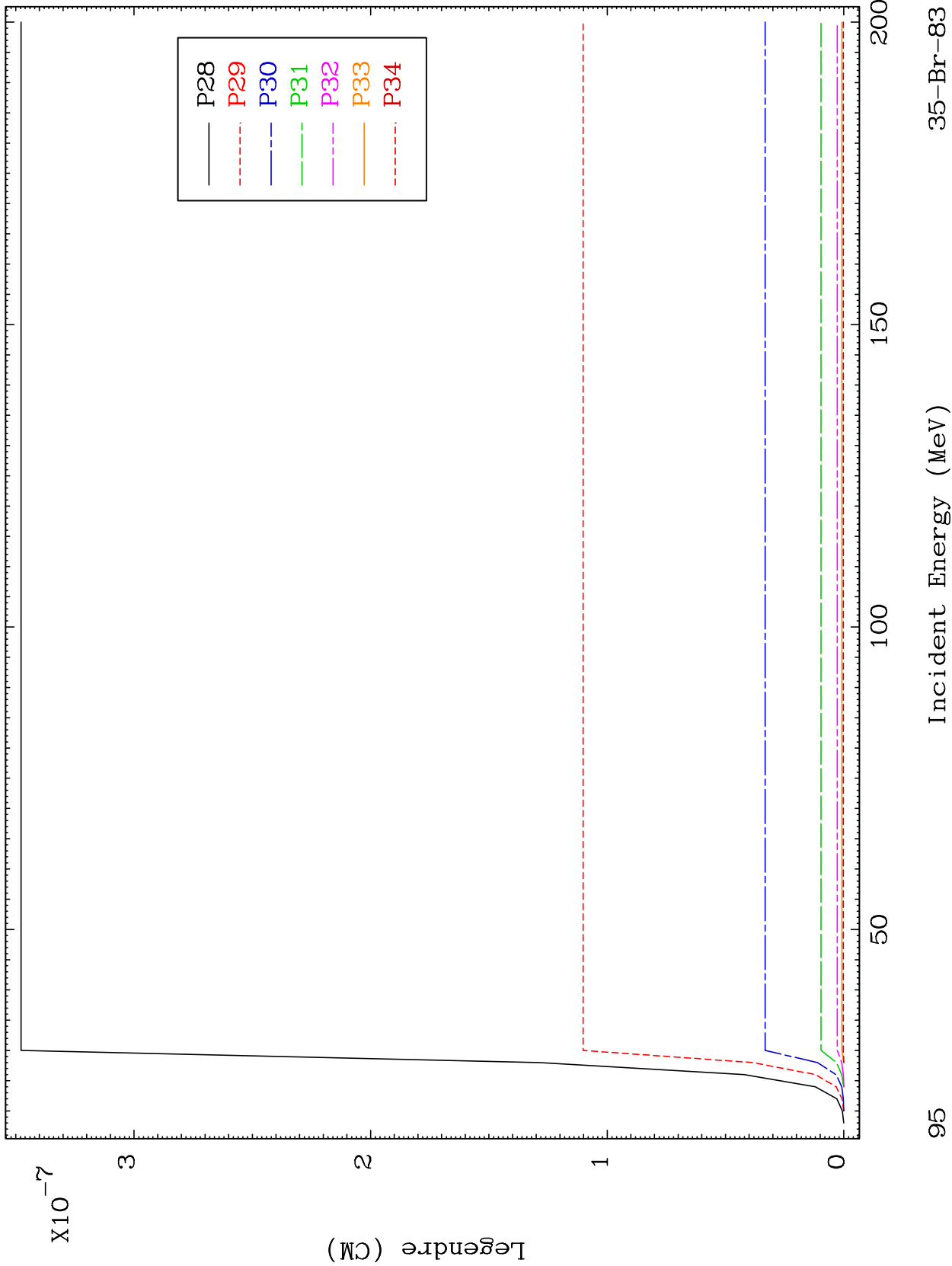




MAT 3537

1.804 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



95

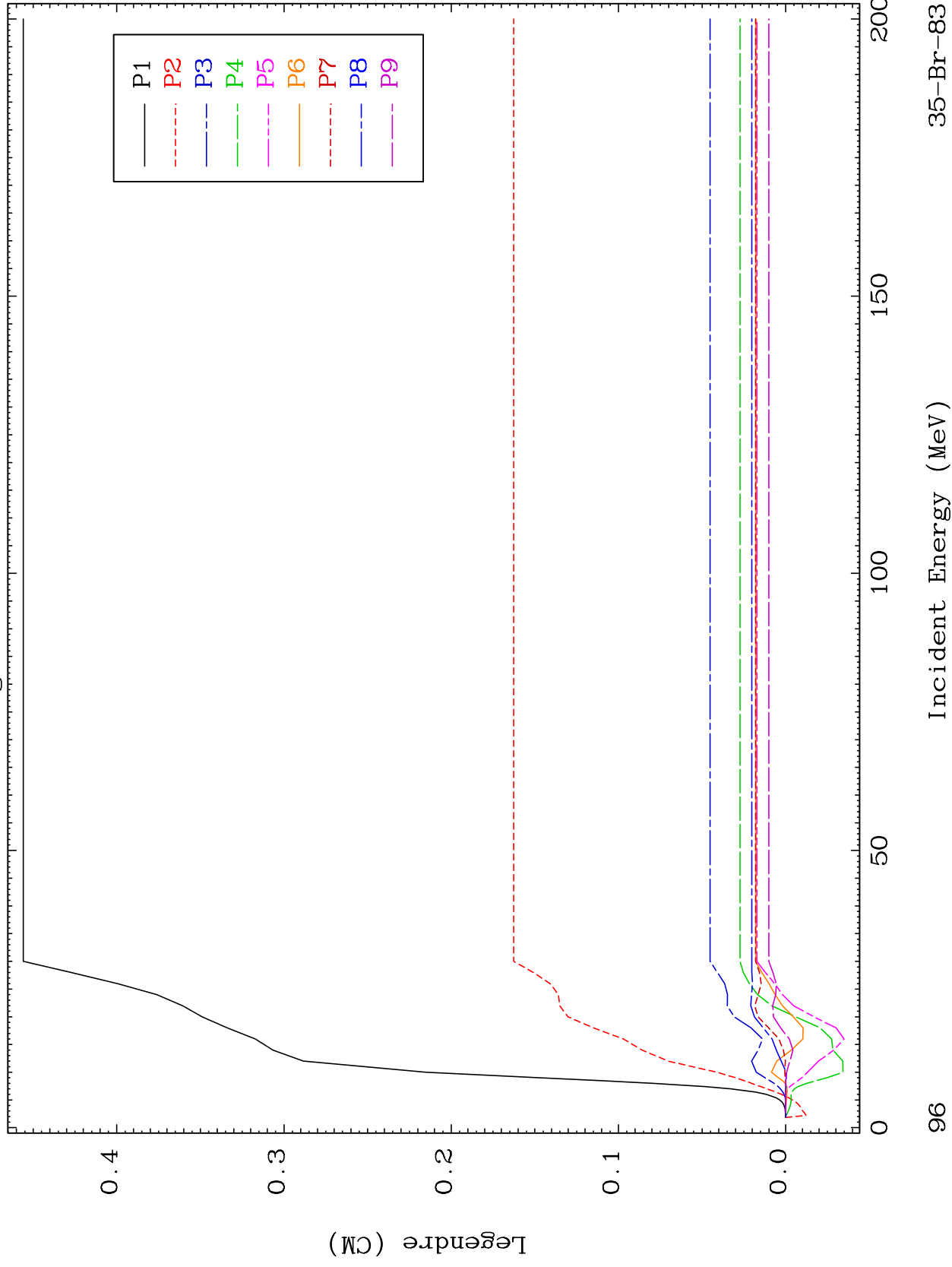
Incident Energy (MeV)

35-Br-83

MAT 3537

1.810 MeV (n,n') Level  
Legendre Coefficients

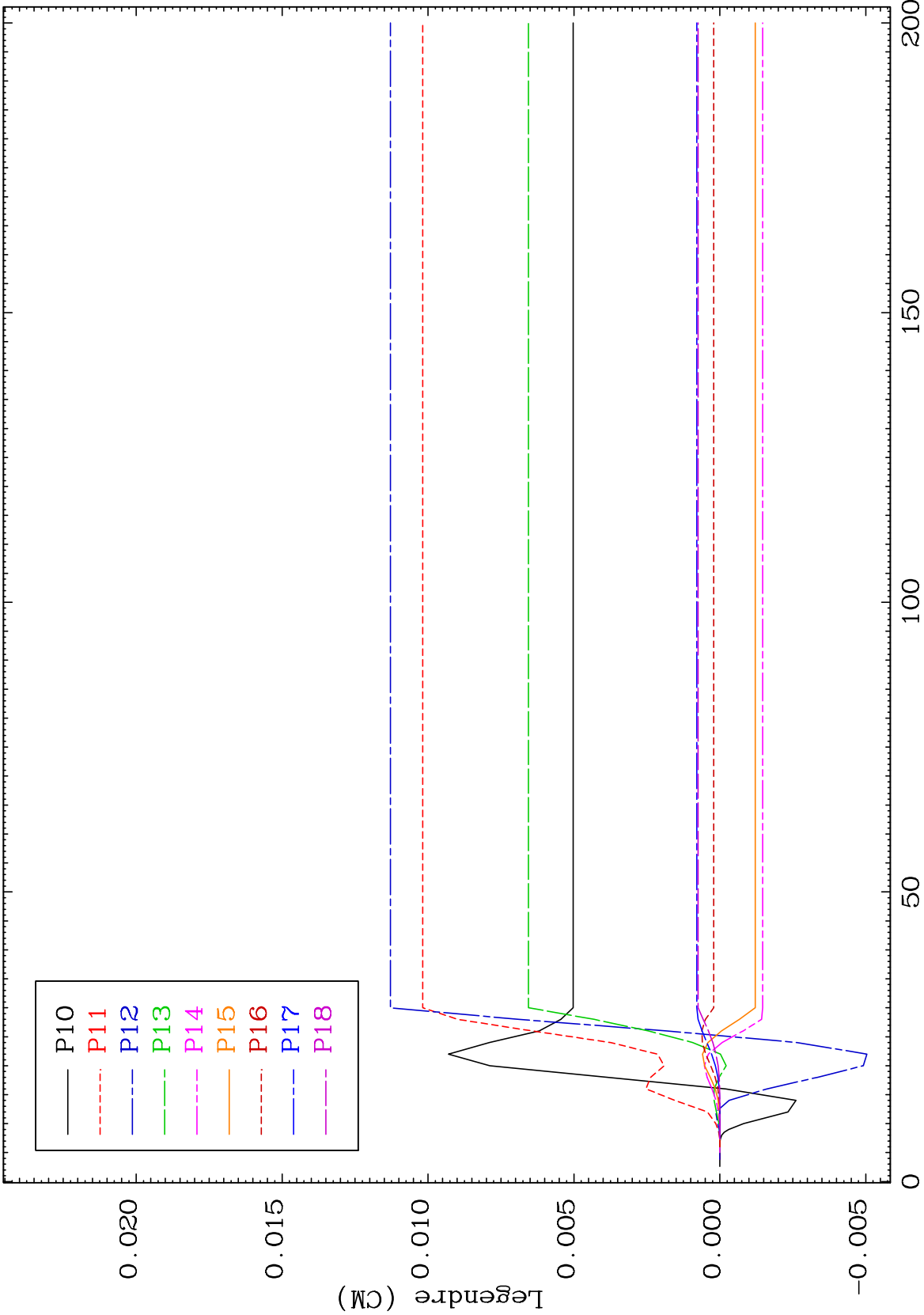
35-Br-83

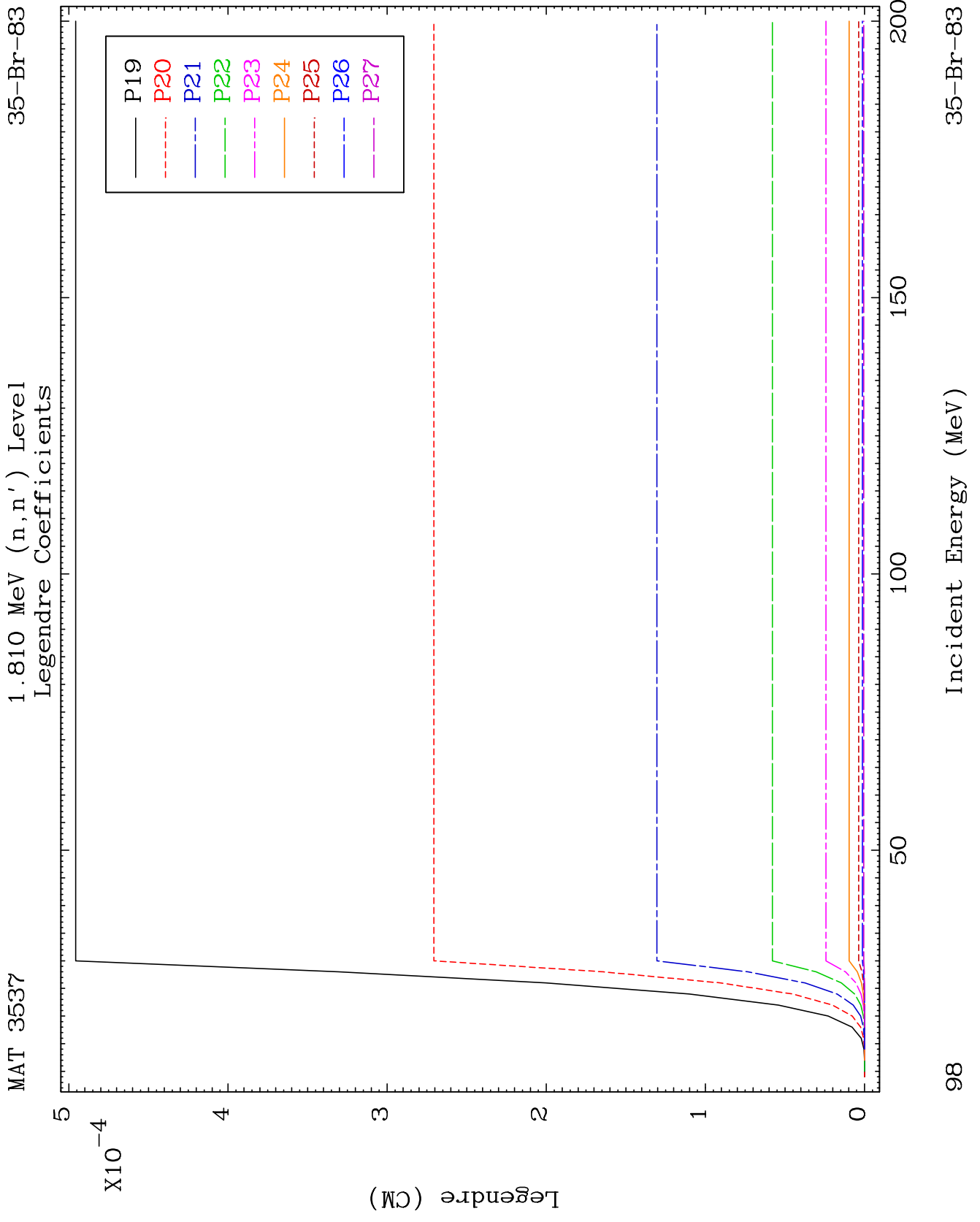


35-Br-83

Incident Energy (MeV)

96

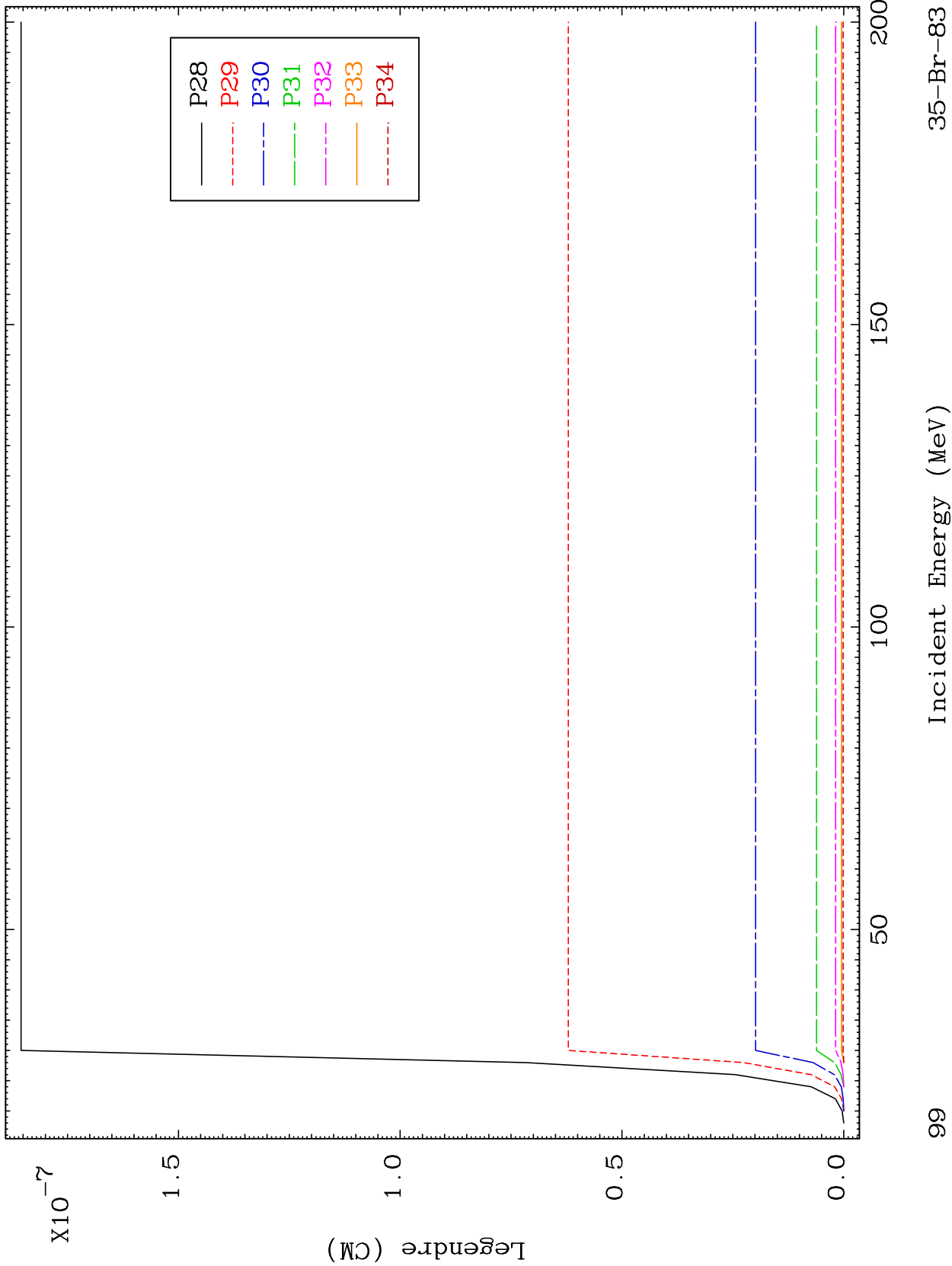




MAT 3537

1.810 MeV (n,n') Level  
Legendre Coefficients

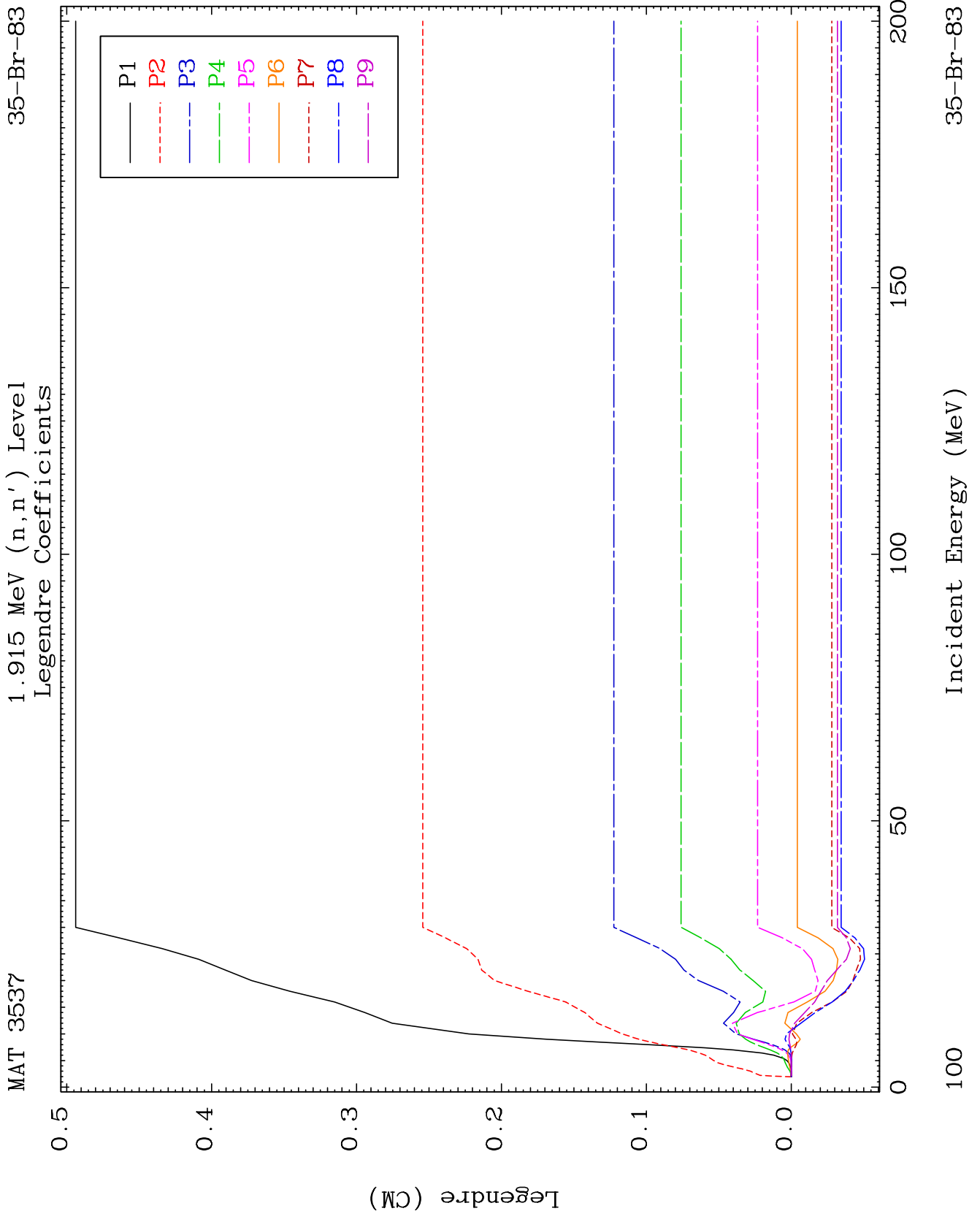
35-Br-83



99

Incident Energy (MeV)

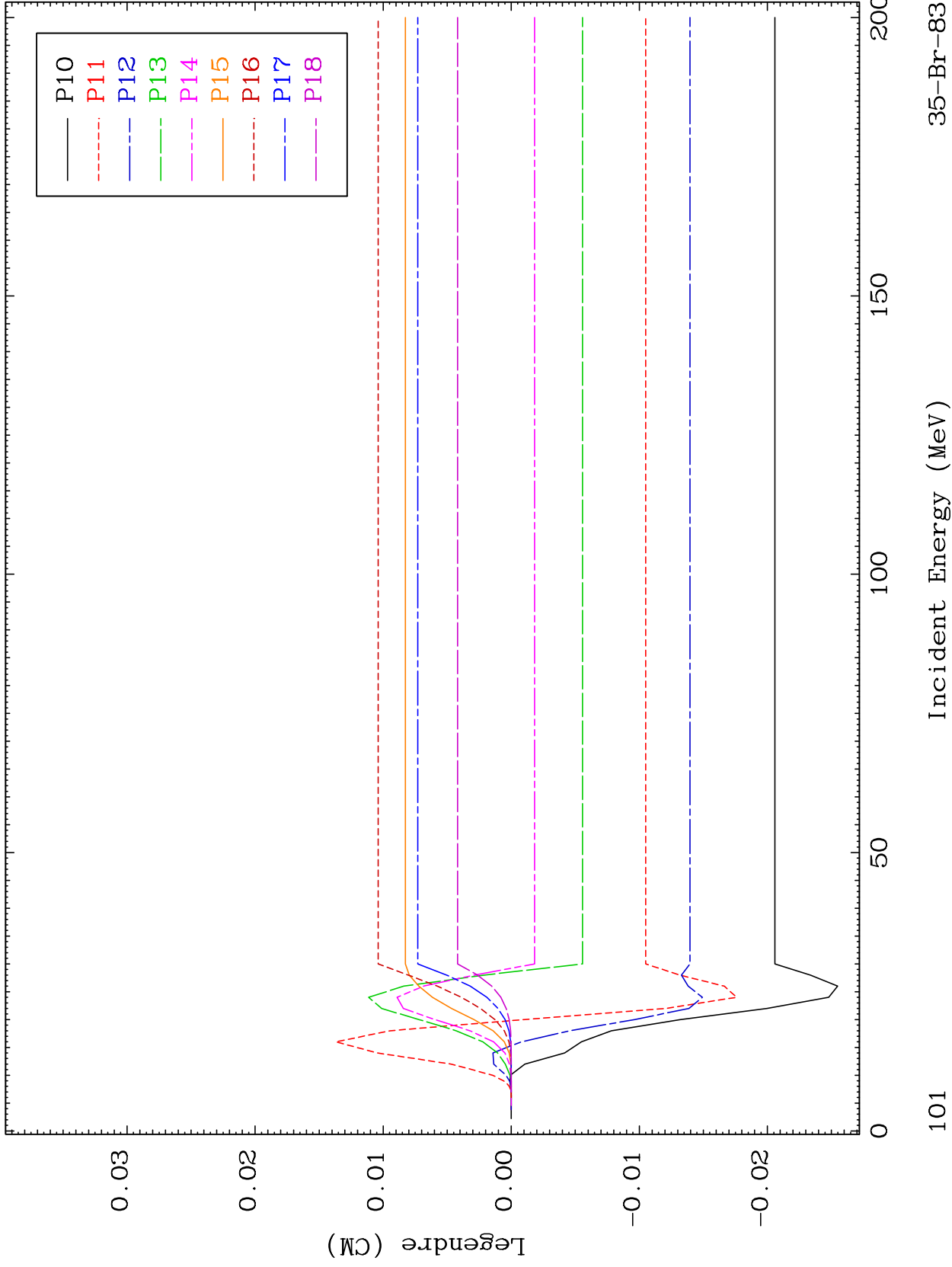
35-Br-83



MAT 3537

1.915 MeV (n,n') Level  
Legendre Coefficients

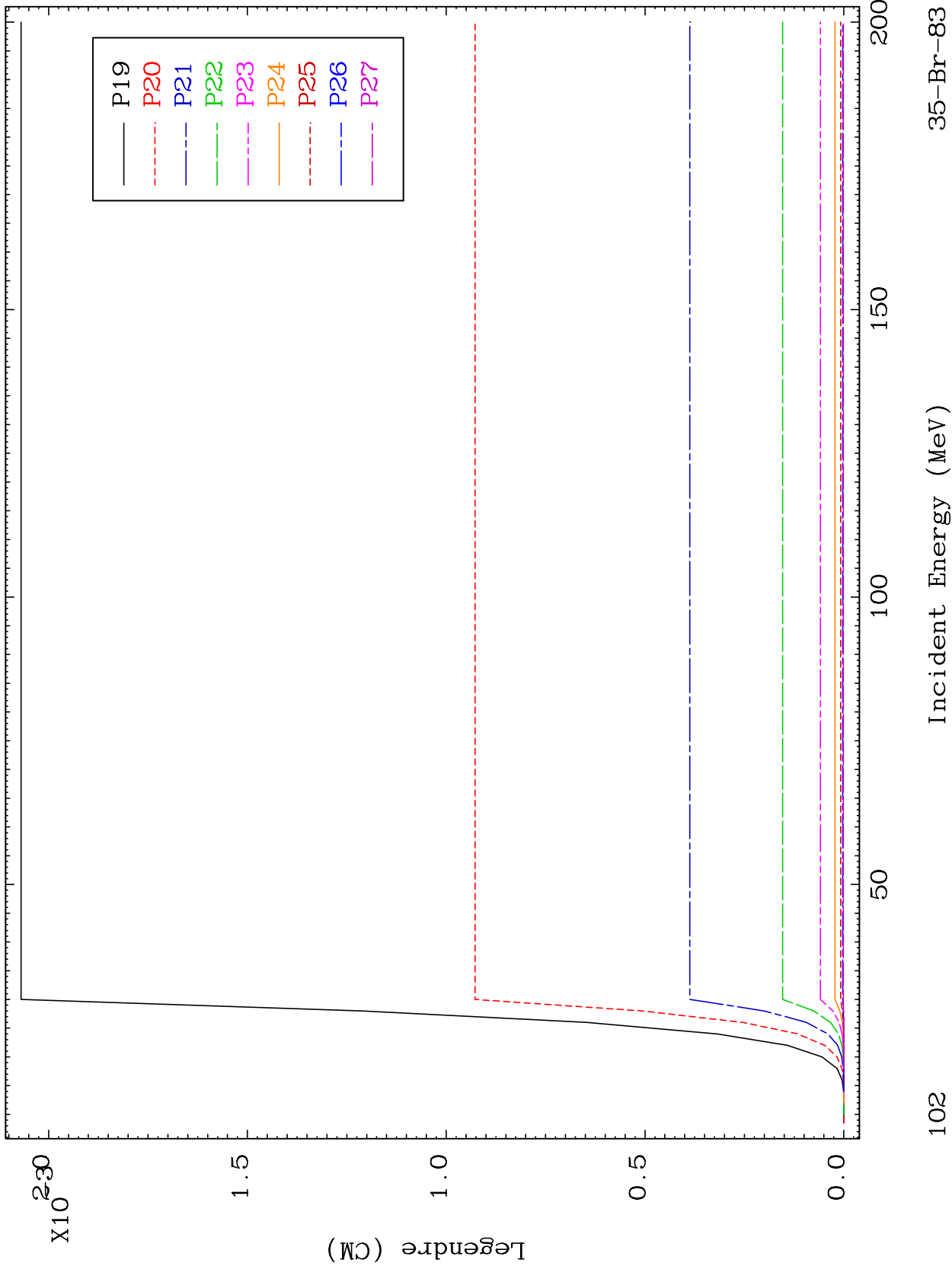
35-Br-83



101

Incident Energy (MeV)

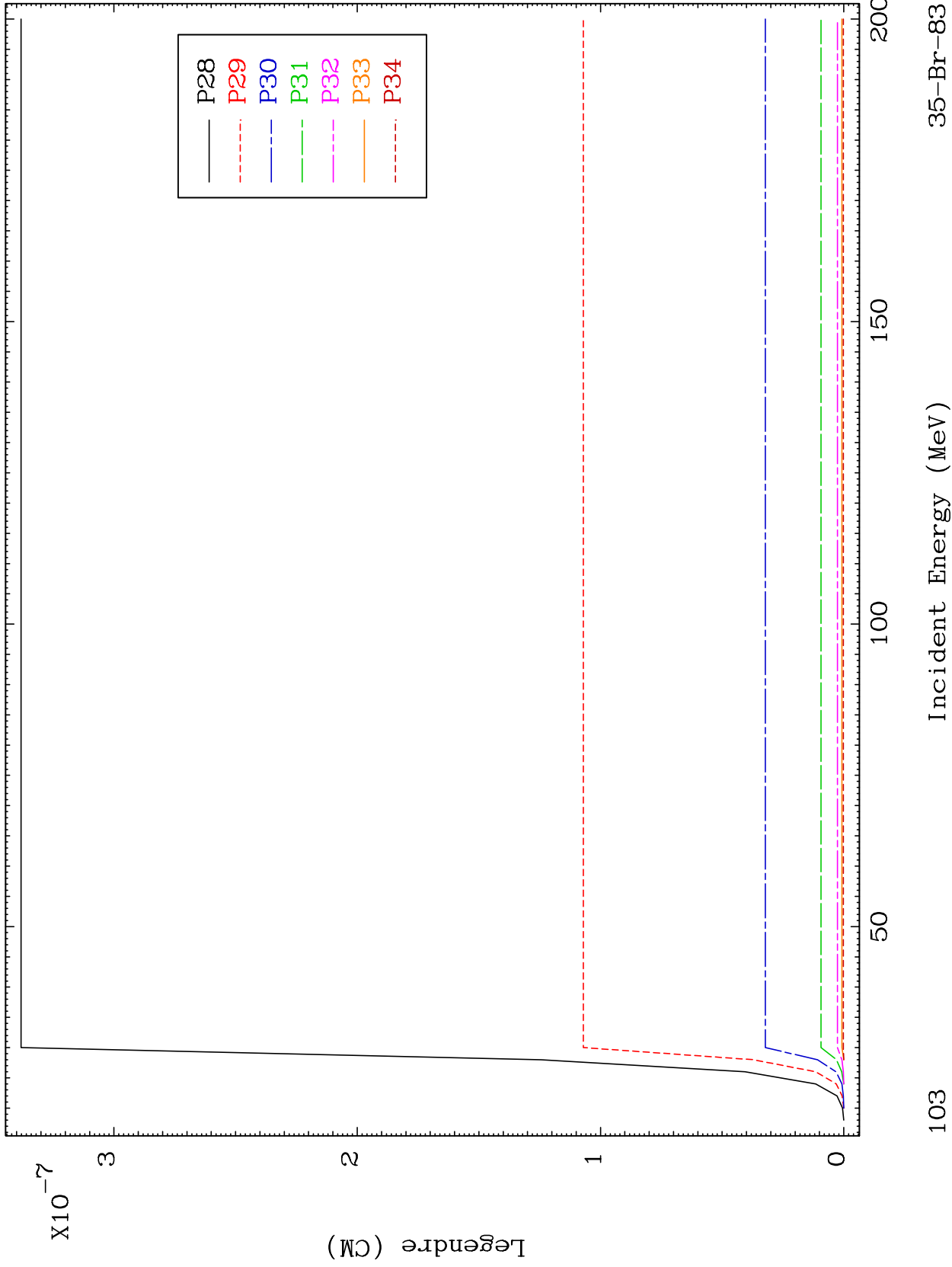
35-Br-83



MAT 3537

1.915 MeV (n,n') Level  
Legendre Coefficients

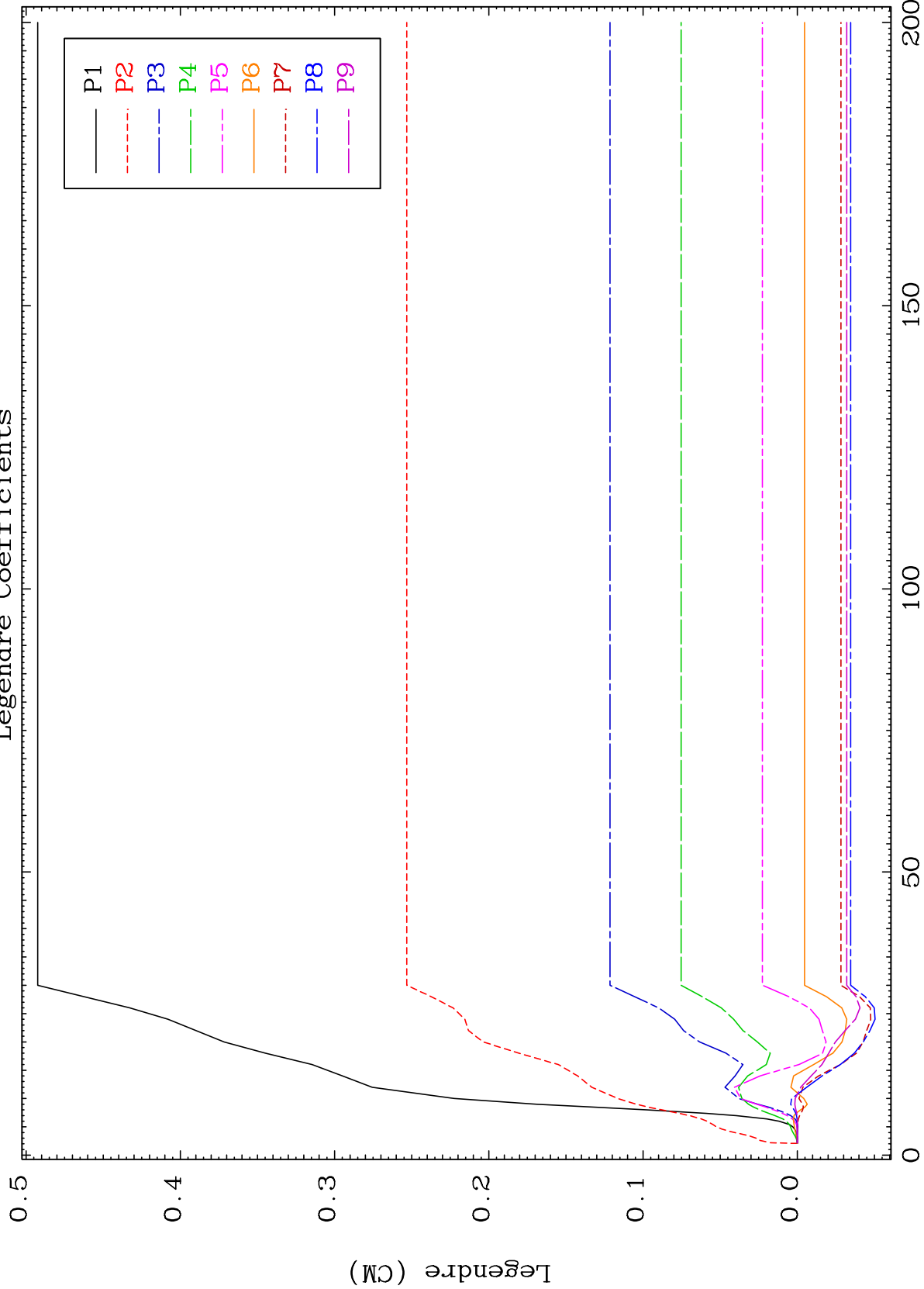
35-Br-83



103

Incident Energy (MeV)

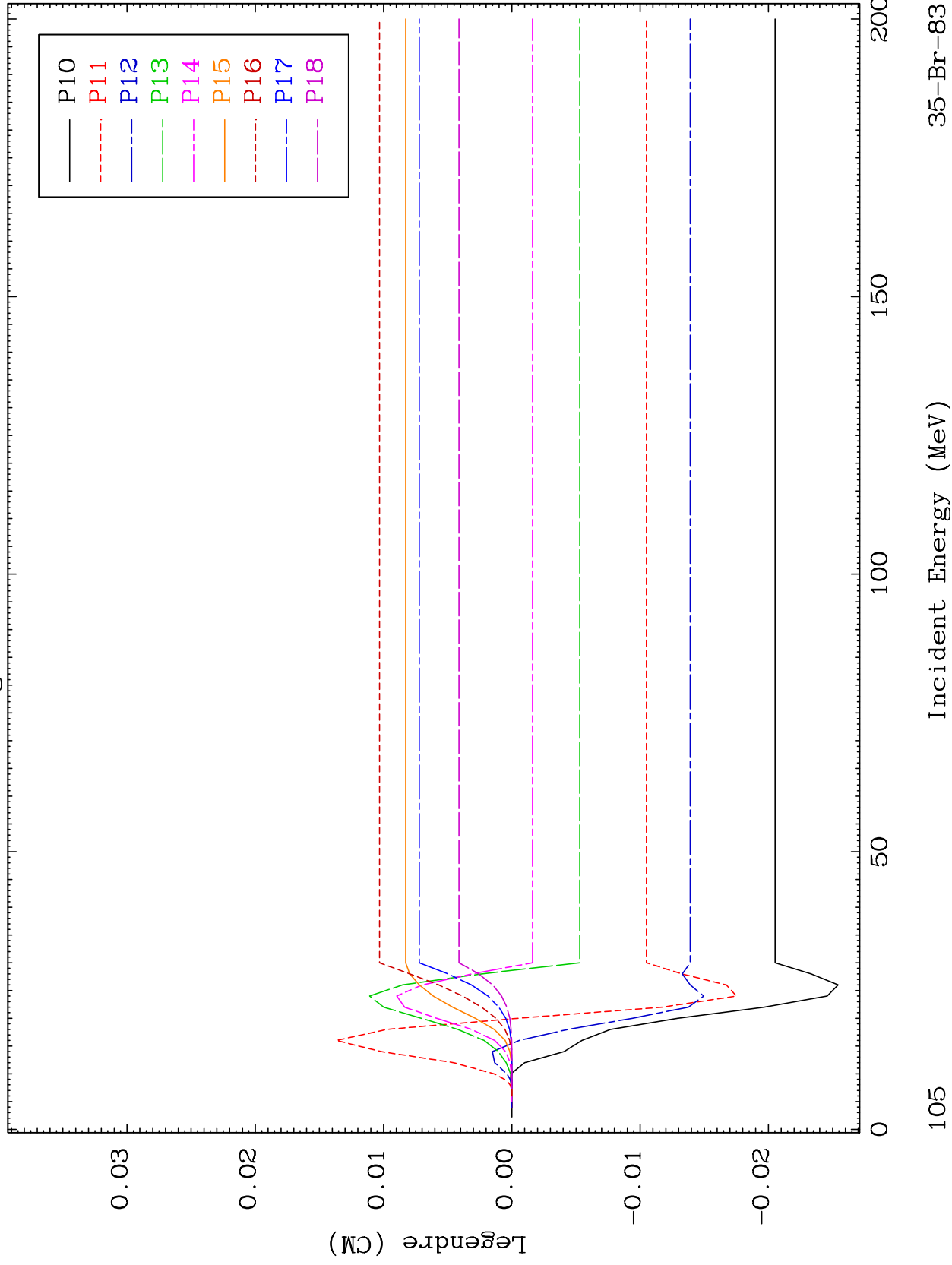
35-Br-83



MAT 3537

2.051 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



35-Br-83

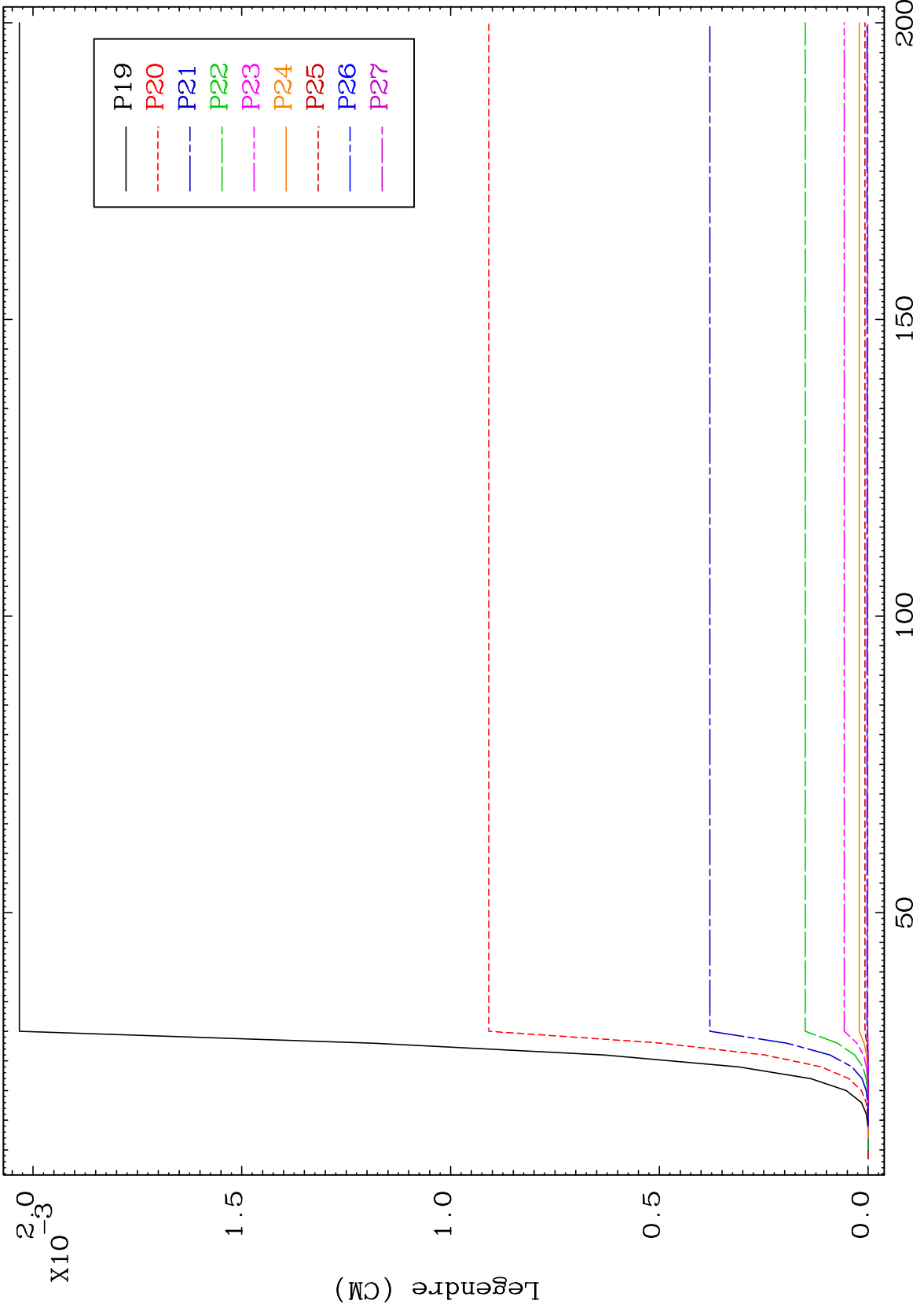
Incident Energy (MeV)

105

MAT 3537

2.051 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



106

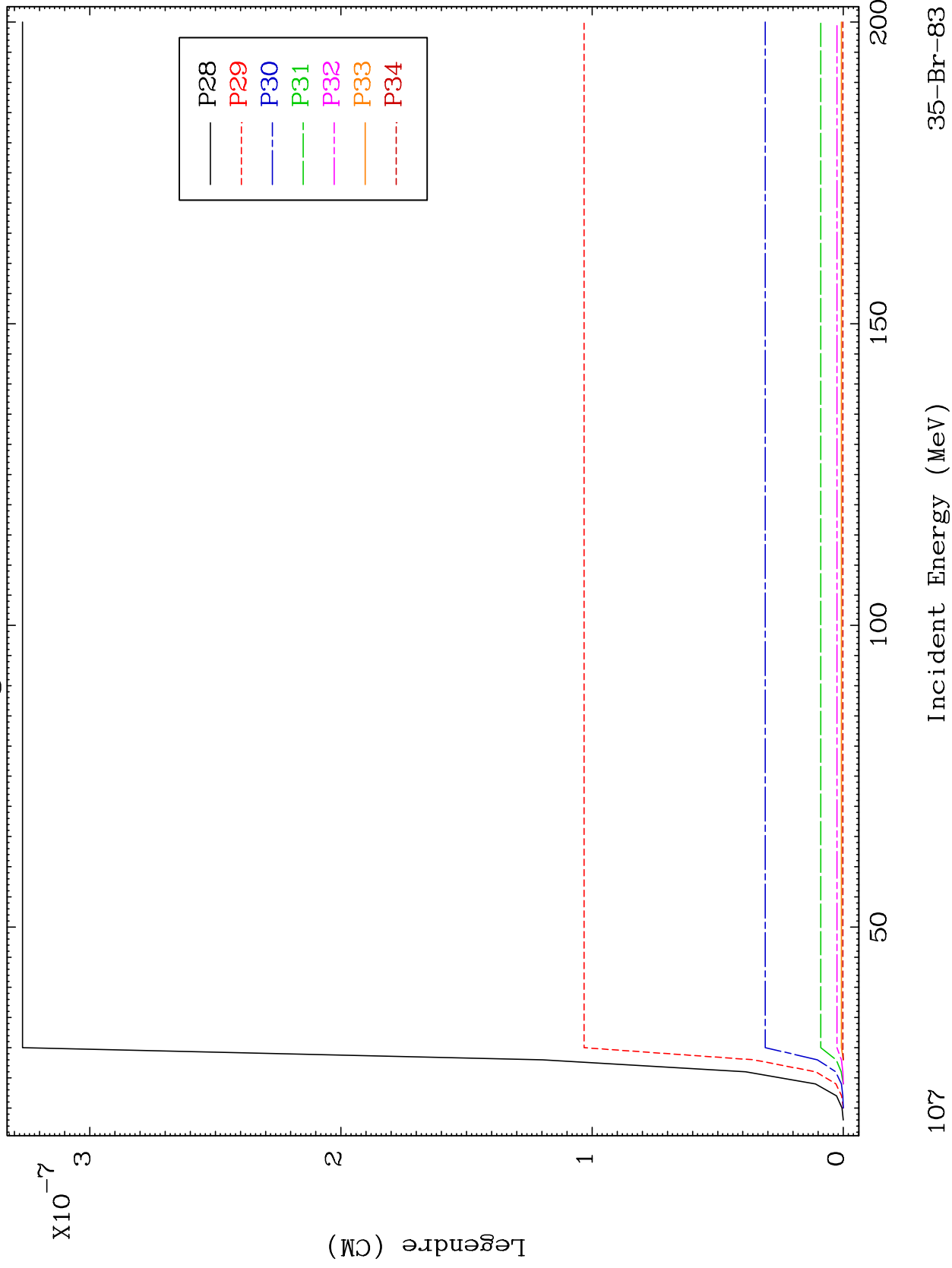
Incident Energy (MeV)

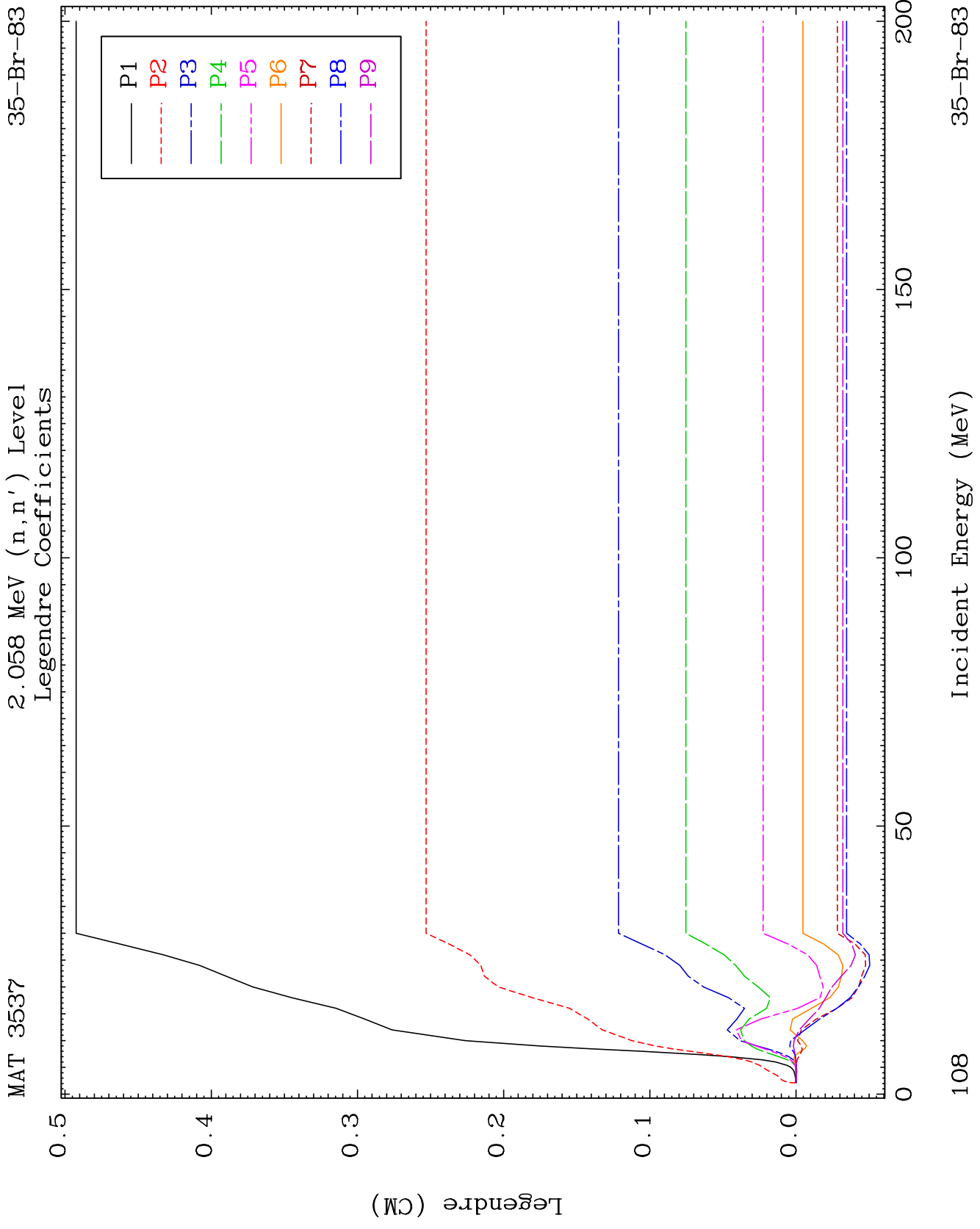
35-Br-83

MAT 3537

2.051 MeV (n,n') Level  
Legendre Coefficients

35-Br-83

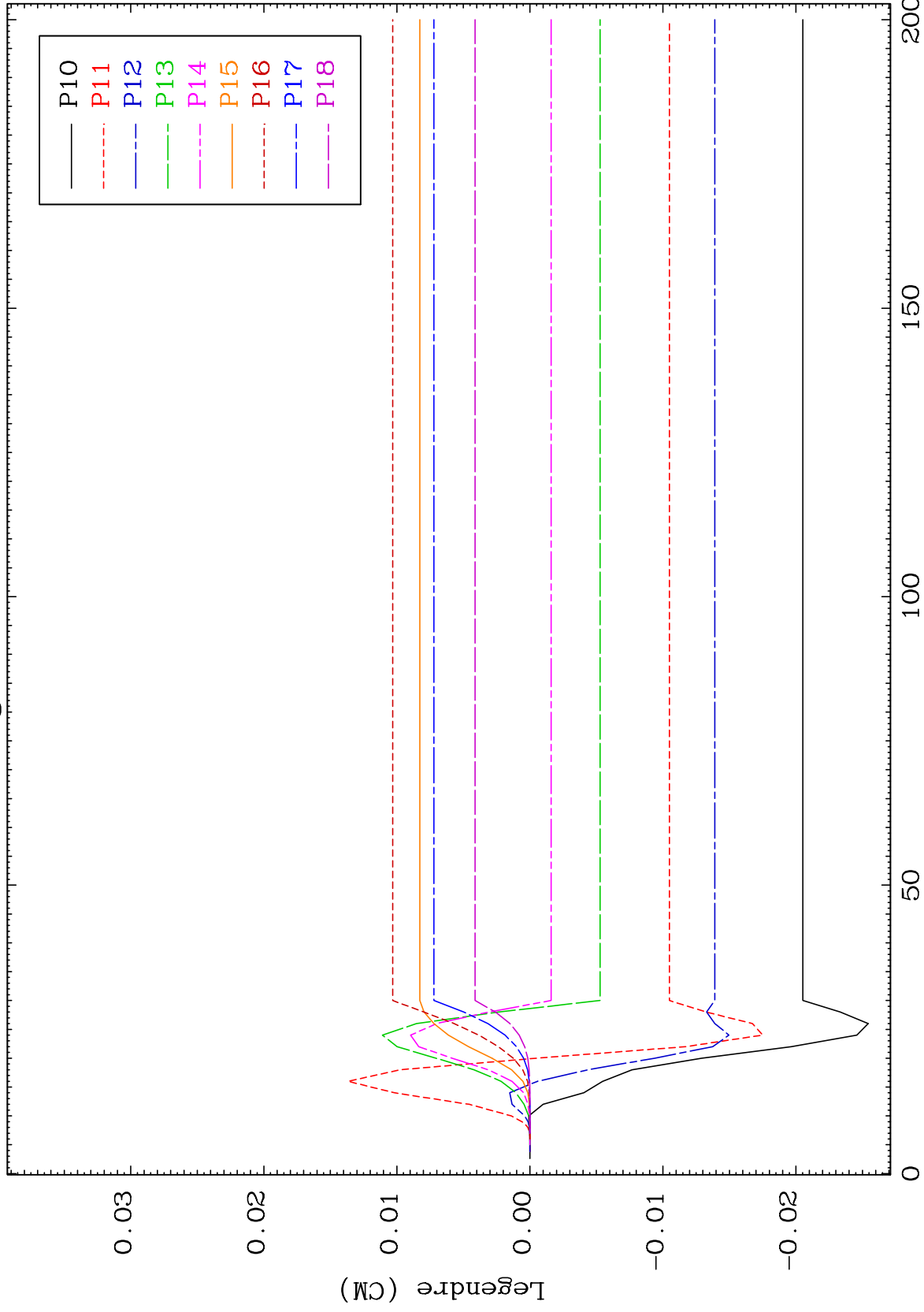




MAT 3537

2.058 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



109

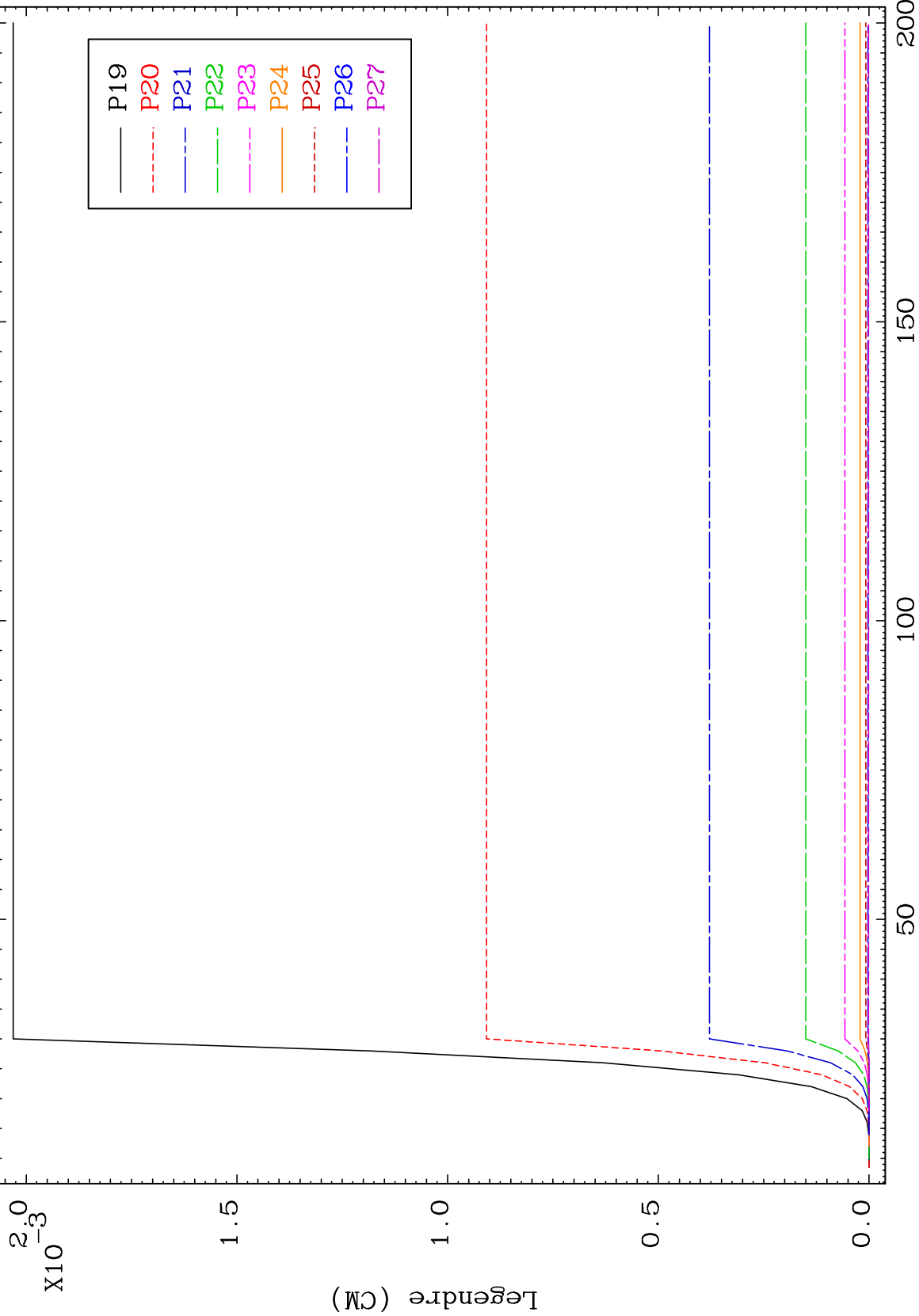
Incident Energy (MeV)

35-Br-83

MAT 3537

2.058 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



110

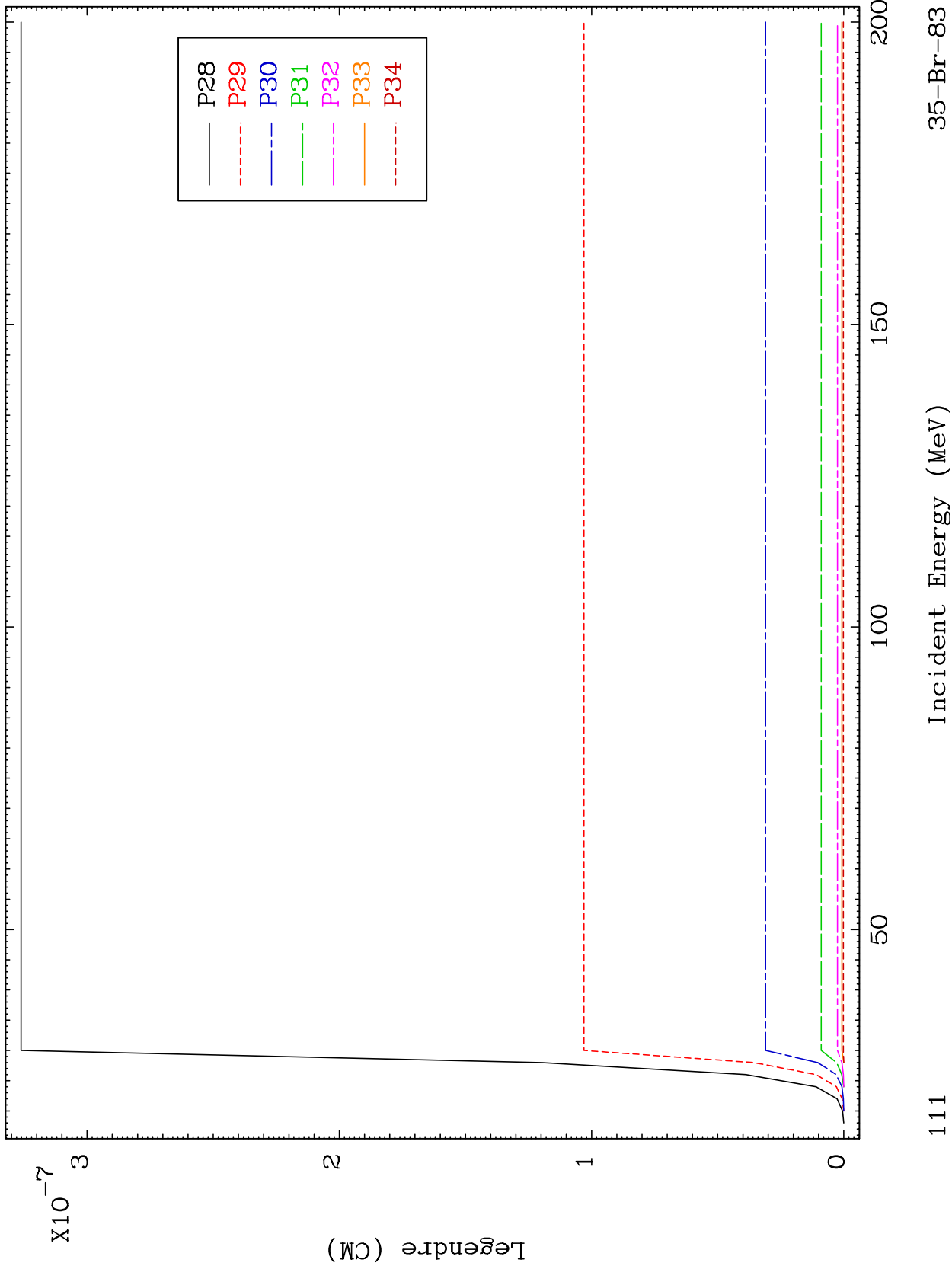
Incident Energy (MeV)

35-Br-83

MAT 3537

2.058 MeV (n,n') Level  
Legendre Coefficients

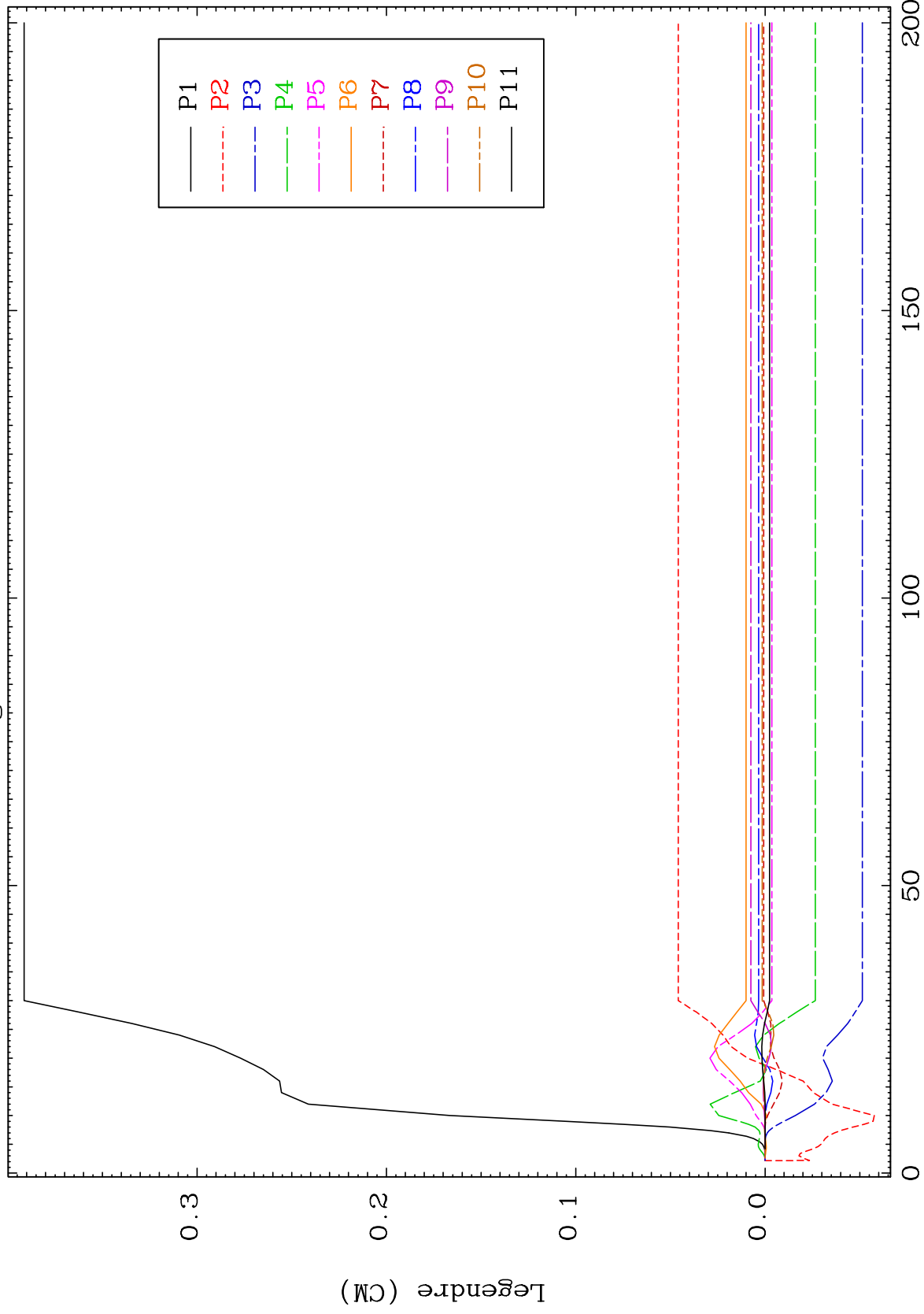
35-Br-83



MAT 3537

2.127 MeV (n,n') Level  
Legendre Coefficients

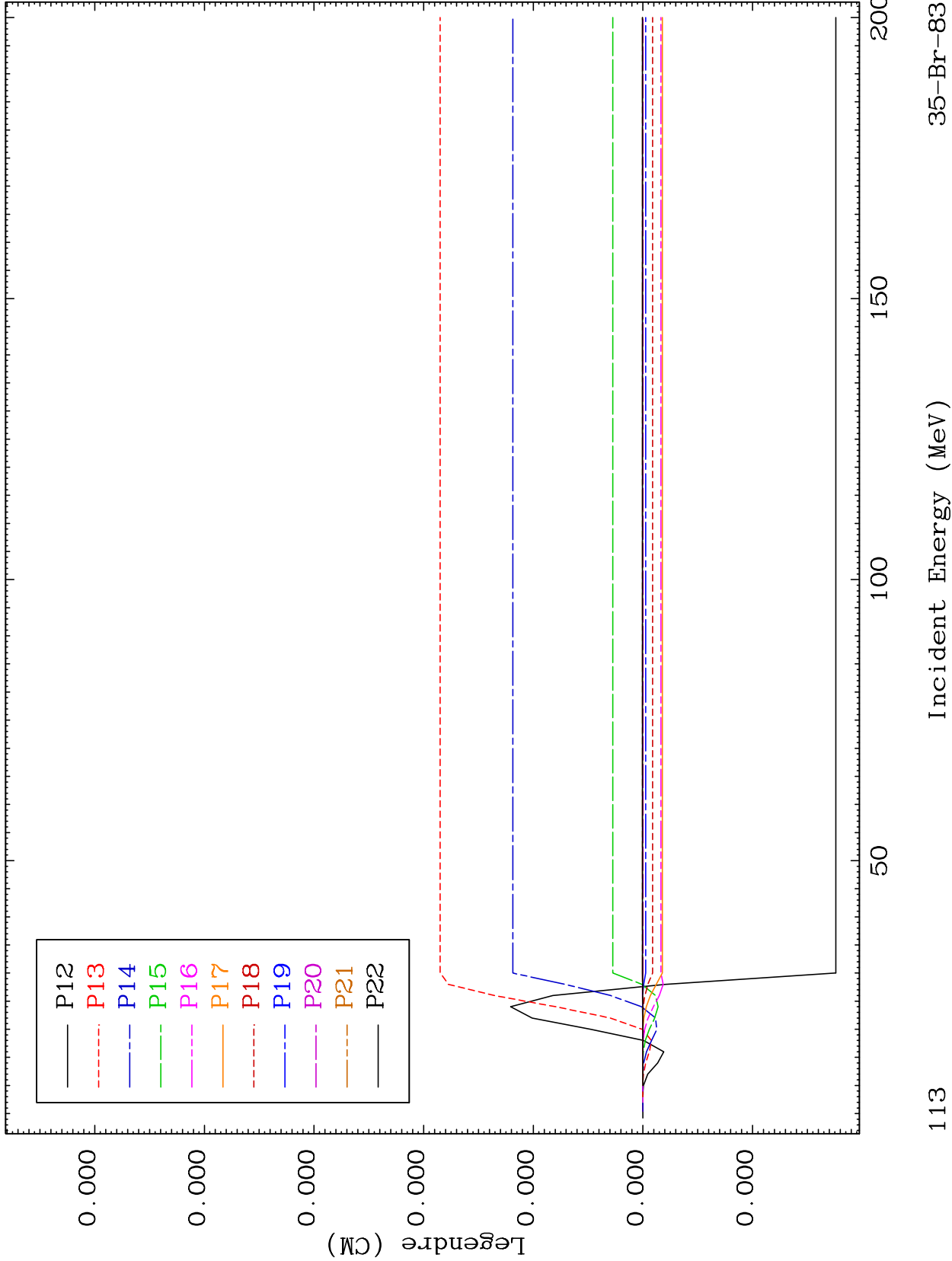
35-Br-83



112

Incident Energy (MeV)

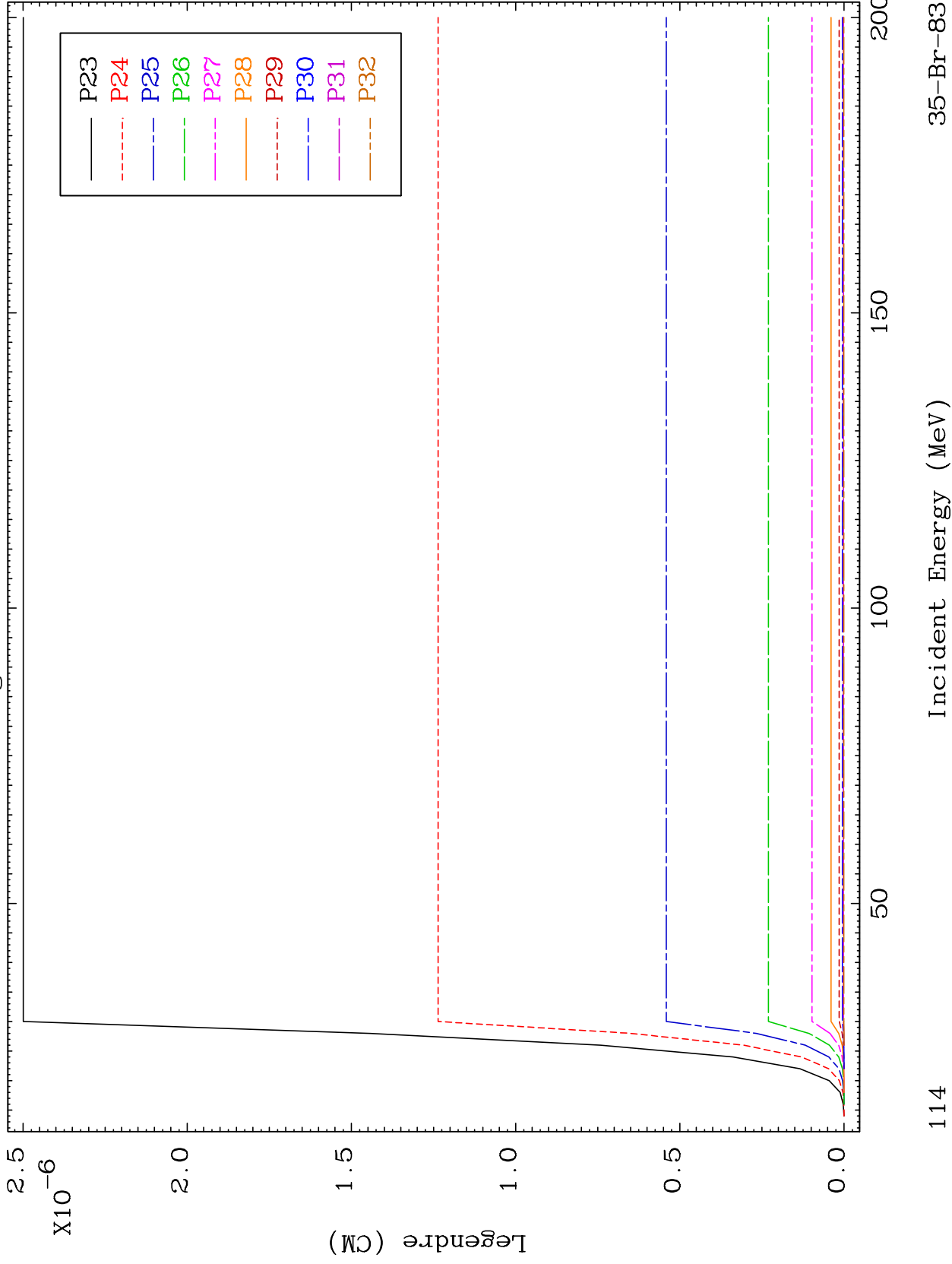
35-Br-83



MAT 3537

2.127 MeV (n,n') Level  
Legendre Coefficients

35-Br-83

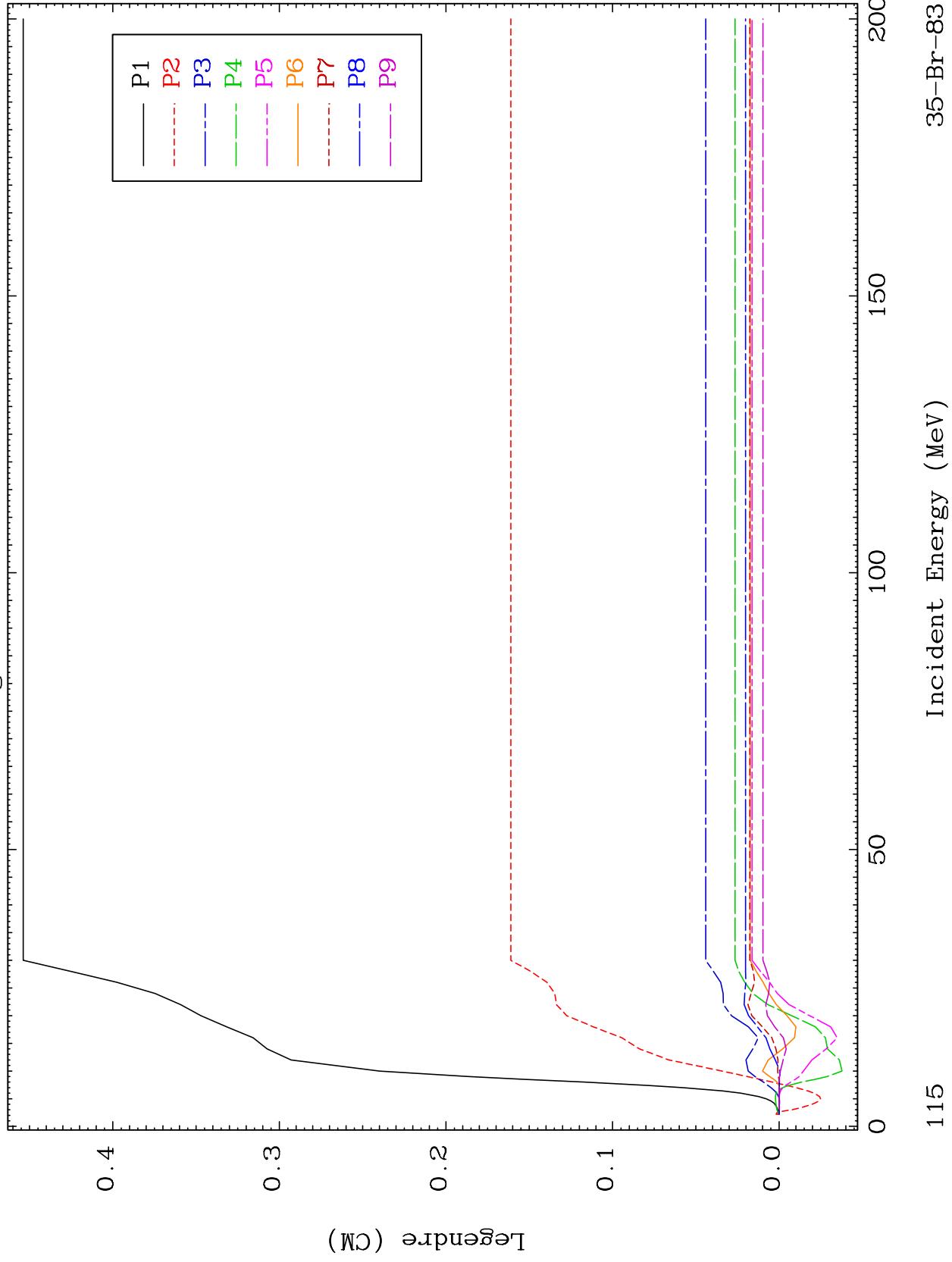


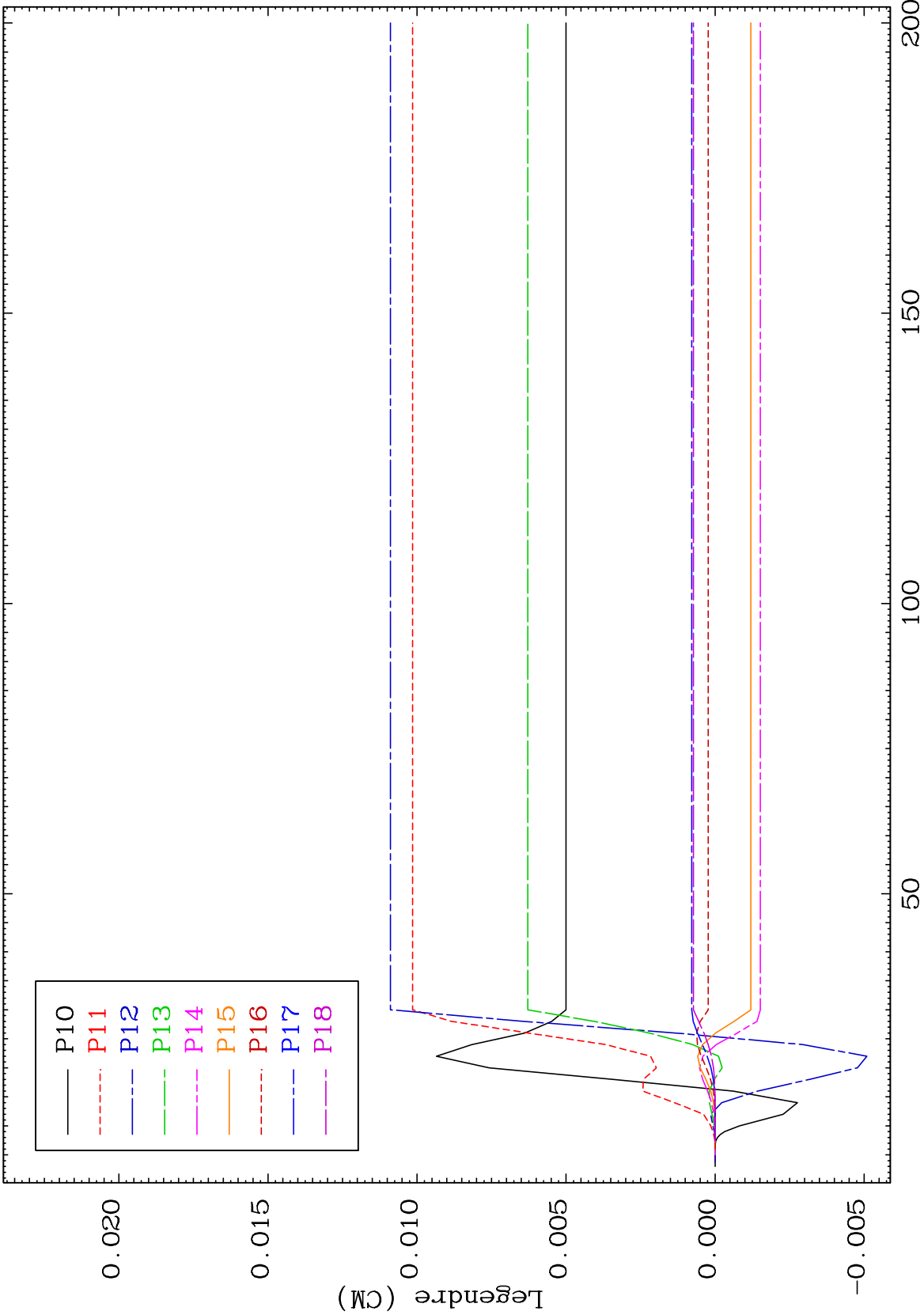
114

MAT 3537

2.134 MeV (n,n') Level  
Legendre Coefficients

35-Br-83

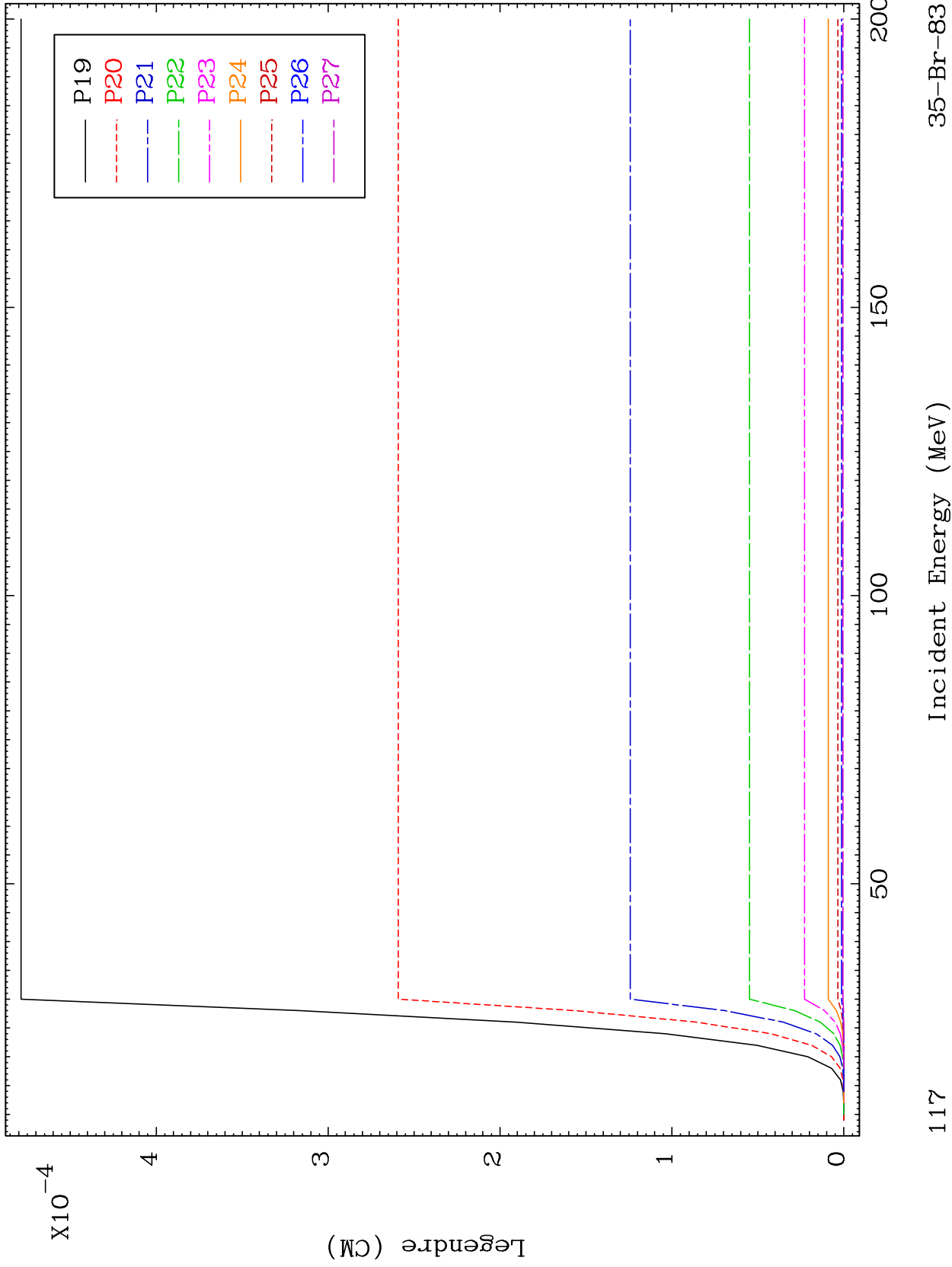




MAT 3537

2.134 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



117

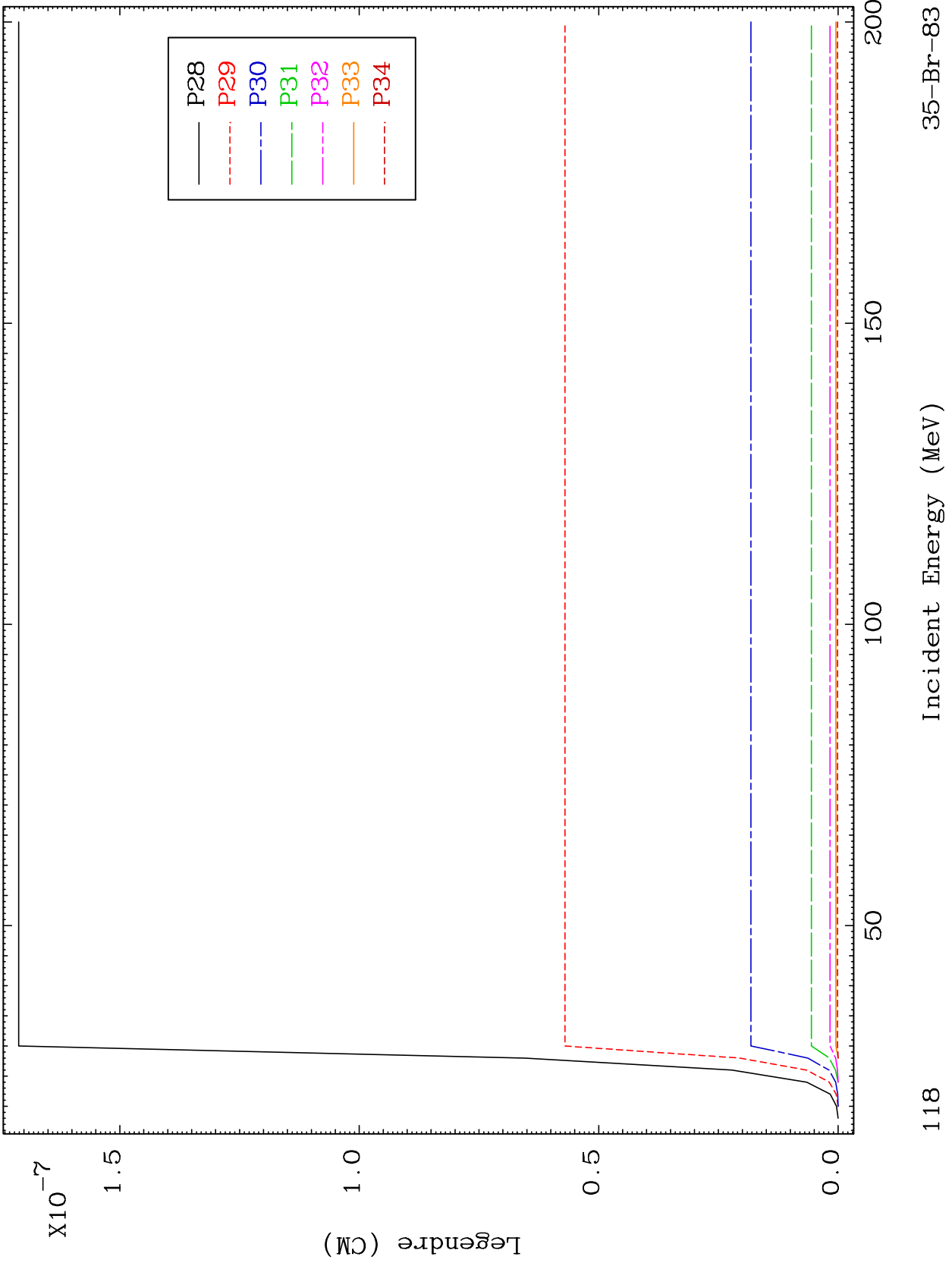
Incident Energy (MeV)

35-Br-83

MAT 3537

2.134 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



118

Incident Energy (MeV)

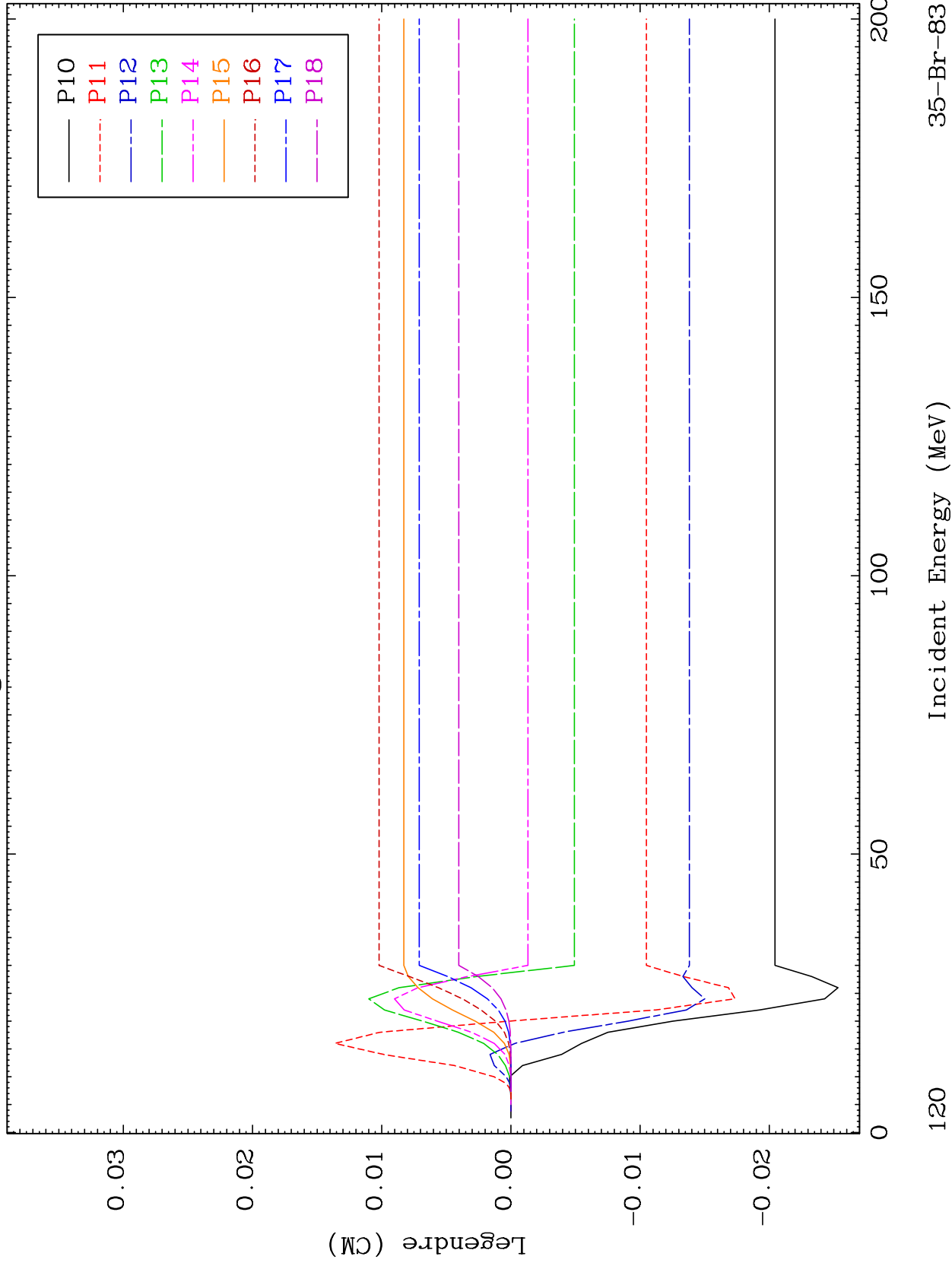
35-Br-83



MAT 3537

2.240 MeV (n,n') Level  
Legendre Coefficients

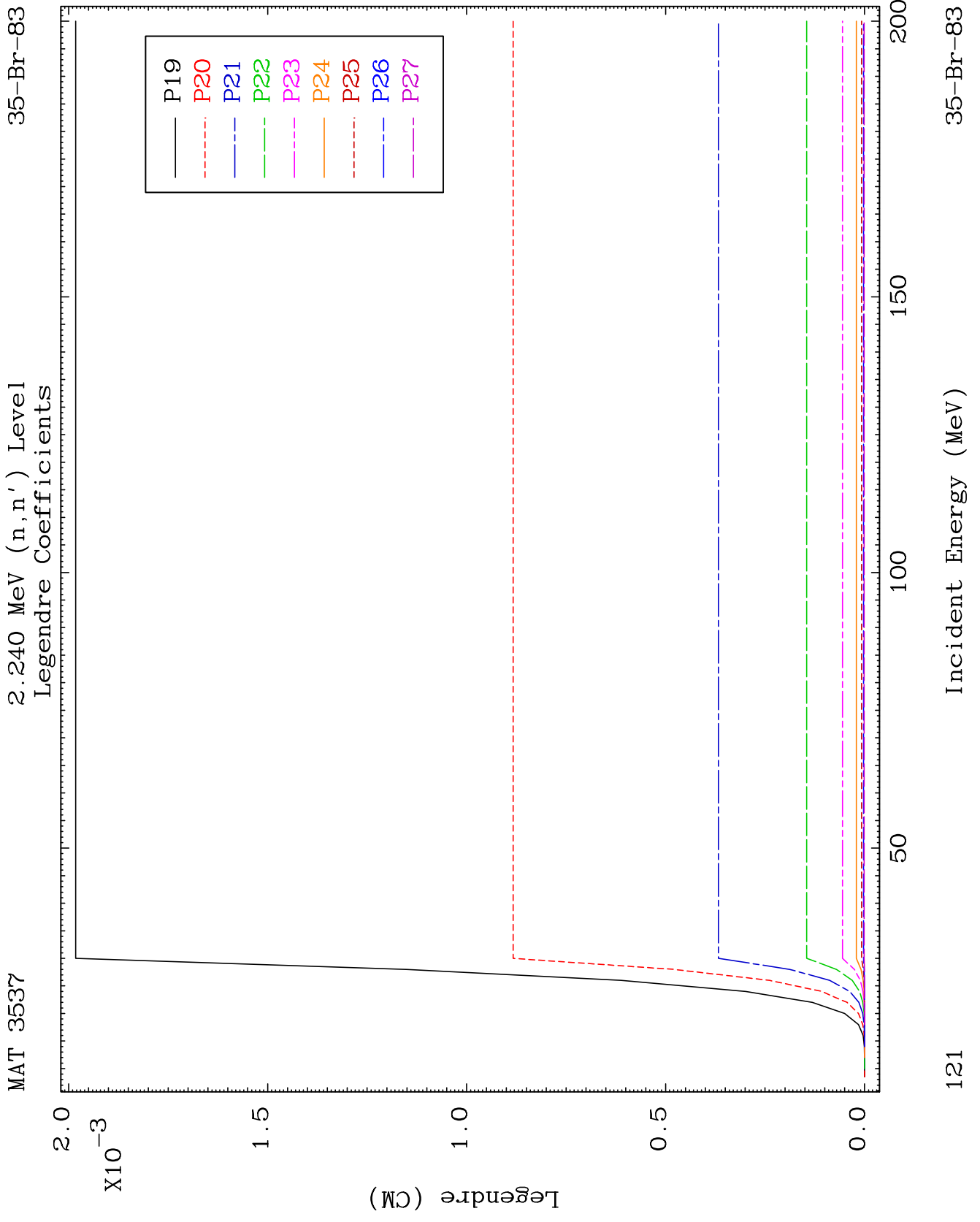
35-Br-83



35-Br-83

Incident Energy (MeV)

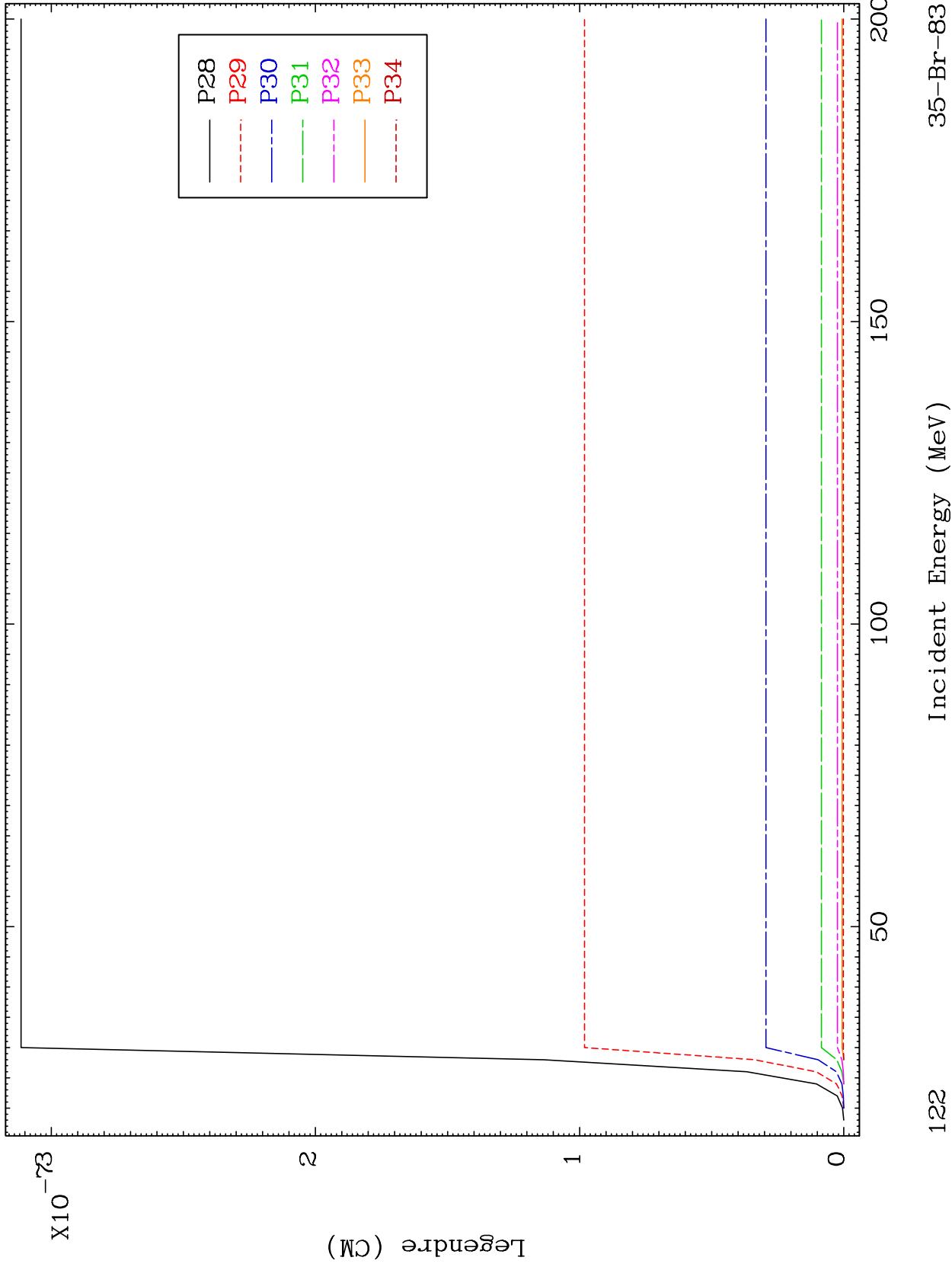
120



MAT 3537

2.240 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



122

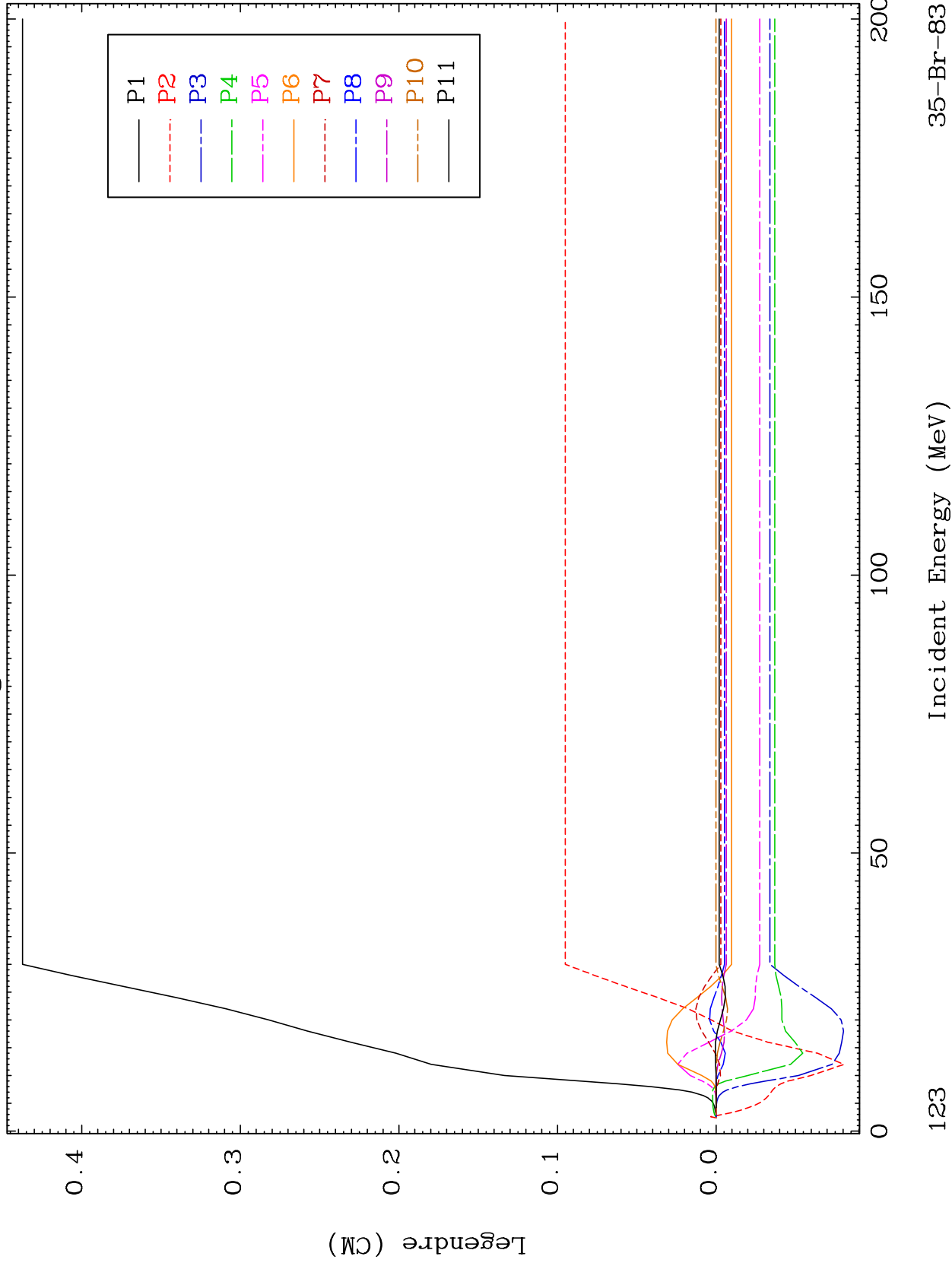
Incident Energy (MeV)

35-Br-83

MAT 3537

2.338 MeV (n,n') Level  
Legendre Coefficients

35-Br-83

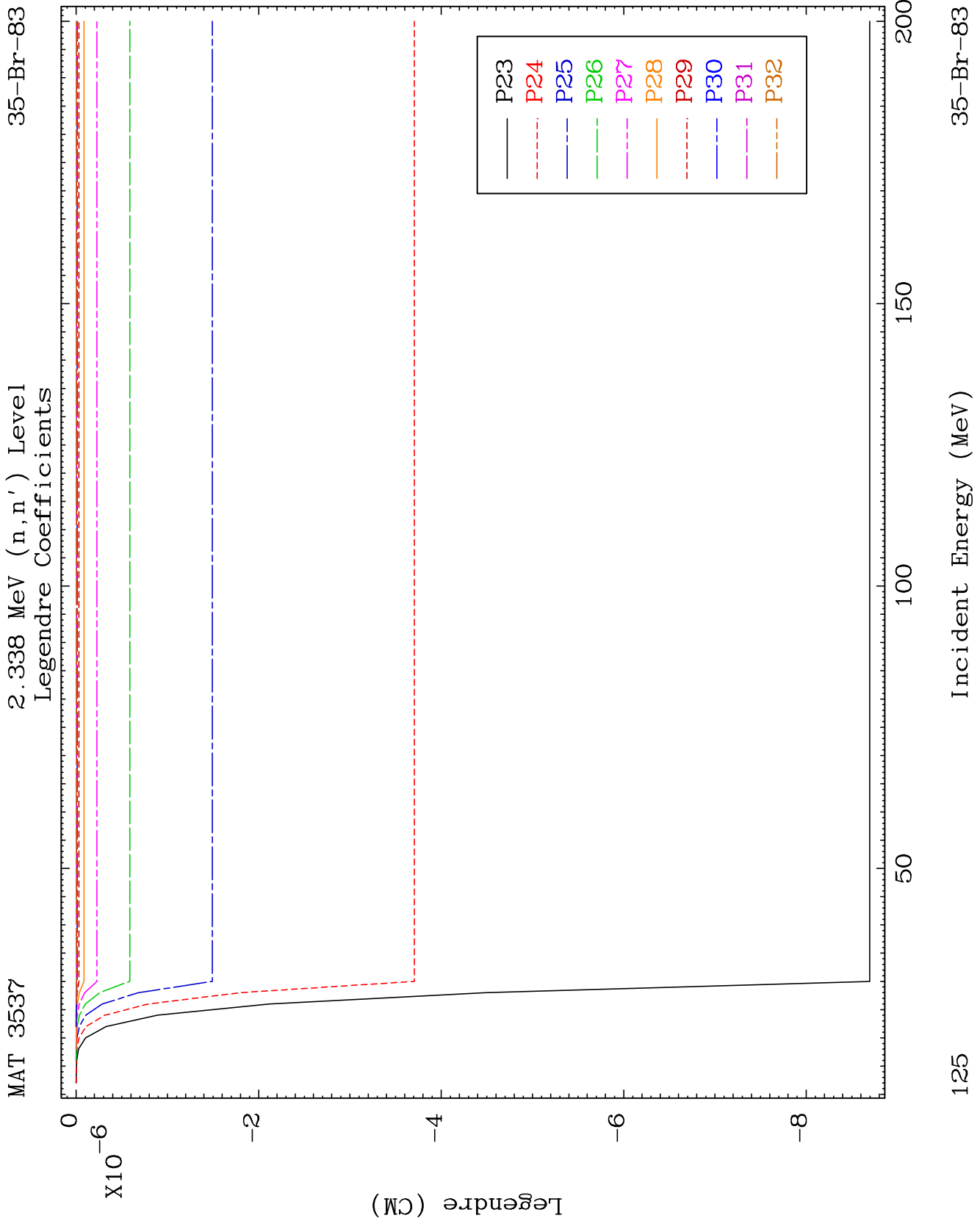


123

Incident Energy (MeV)

35-Br-83

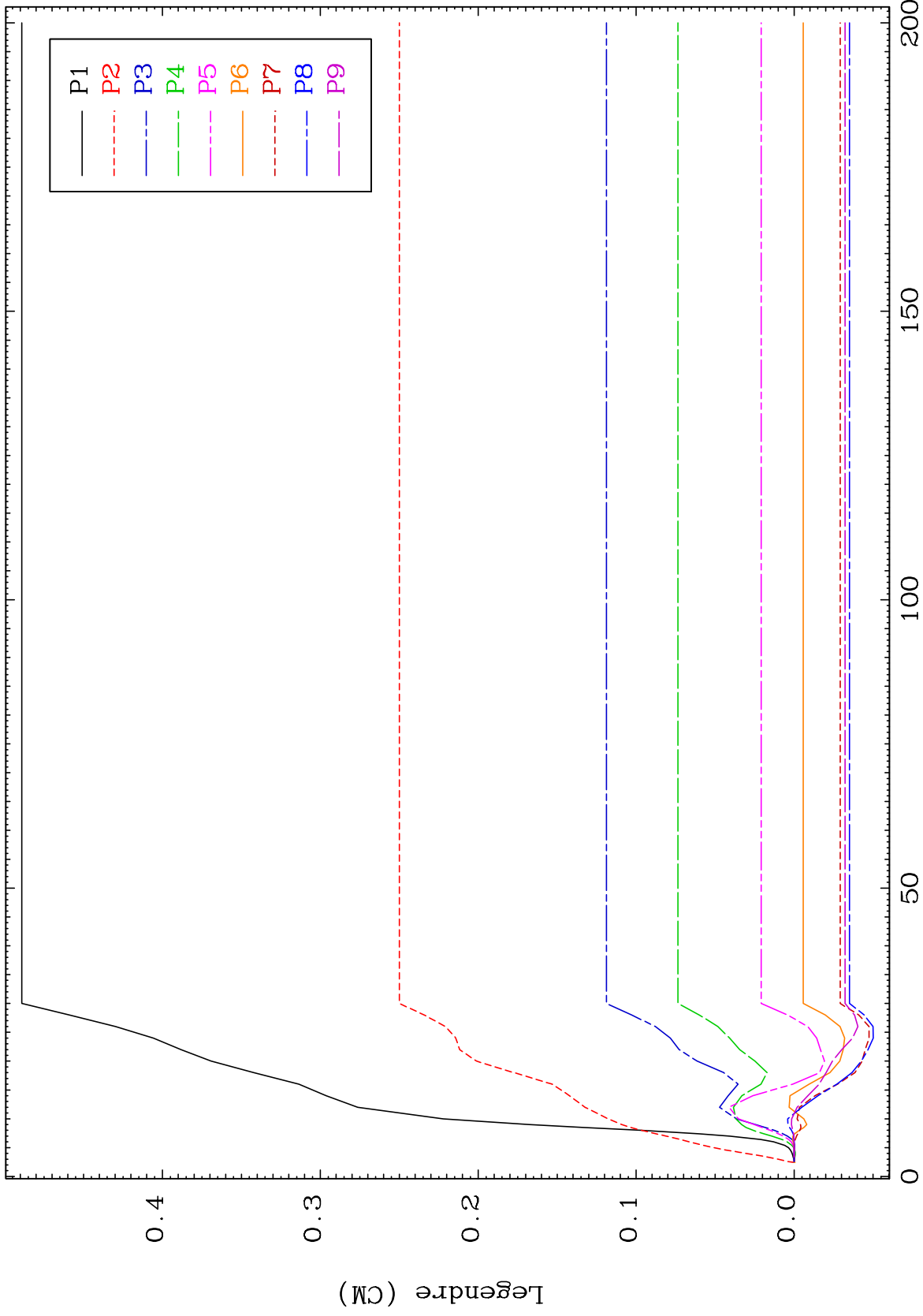




MAT 3537

2.398 MeV (n,n') Level  
Legendre Coefficients

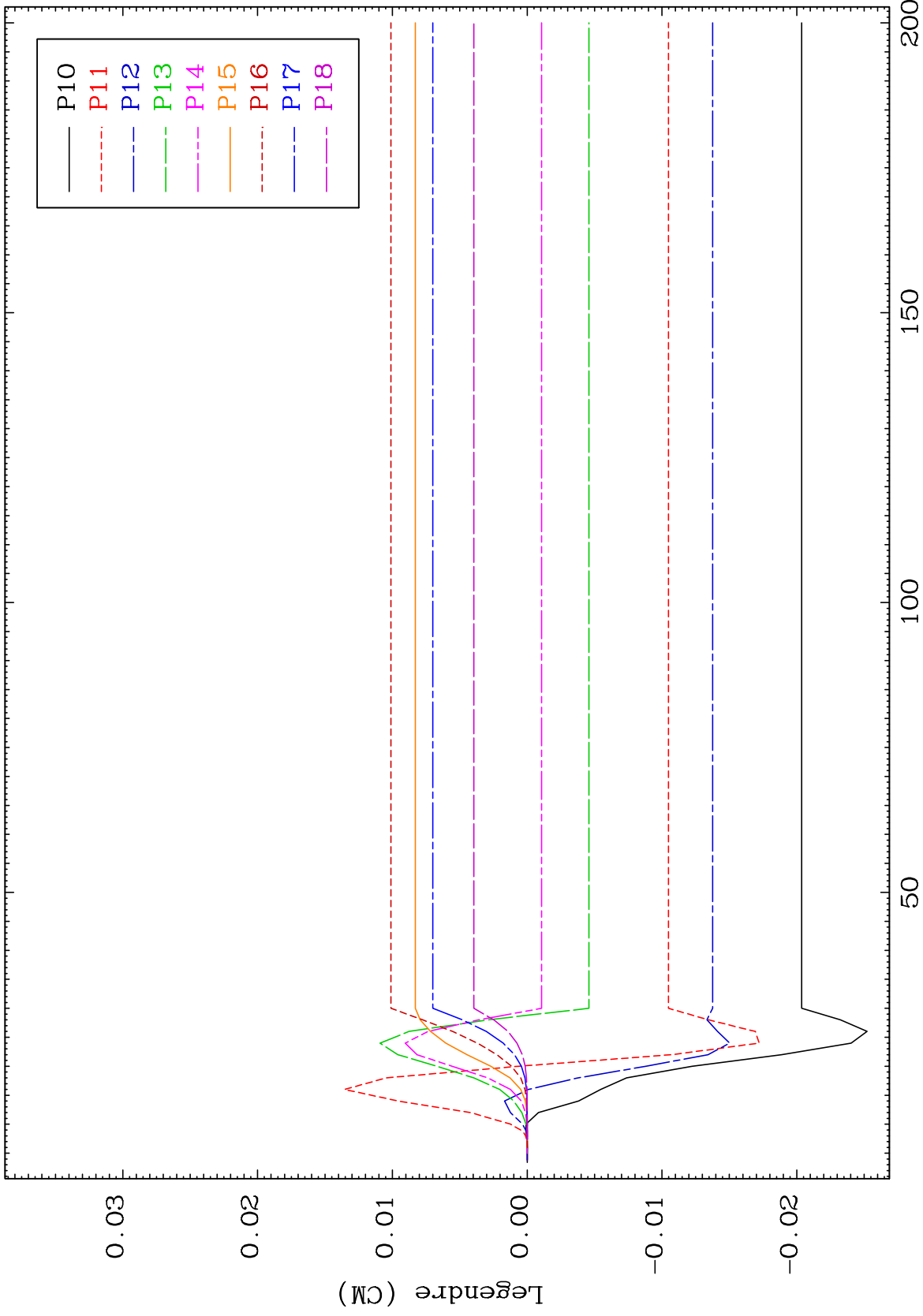
35-Br-83



126

Incident Energy (MeV)

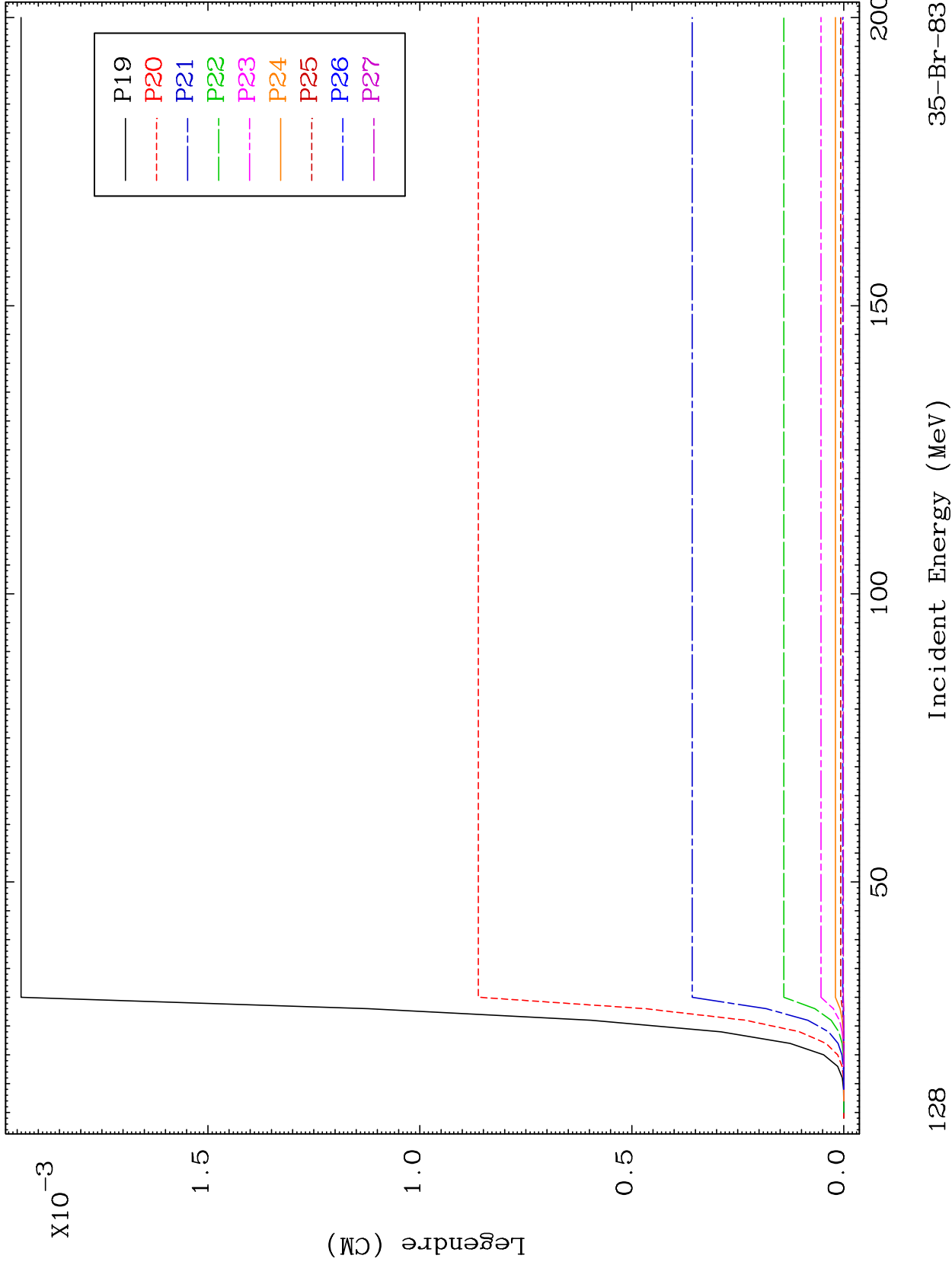
35-Br-83



MAT 3537

2.398 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



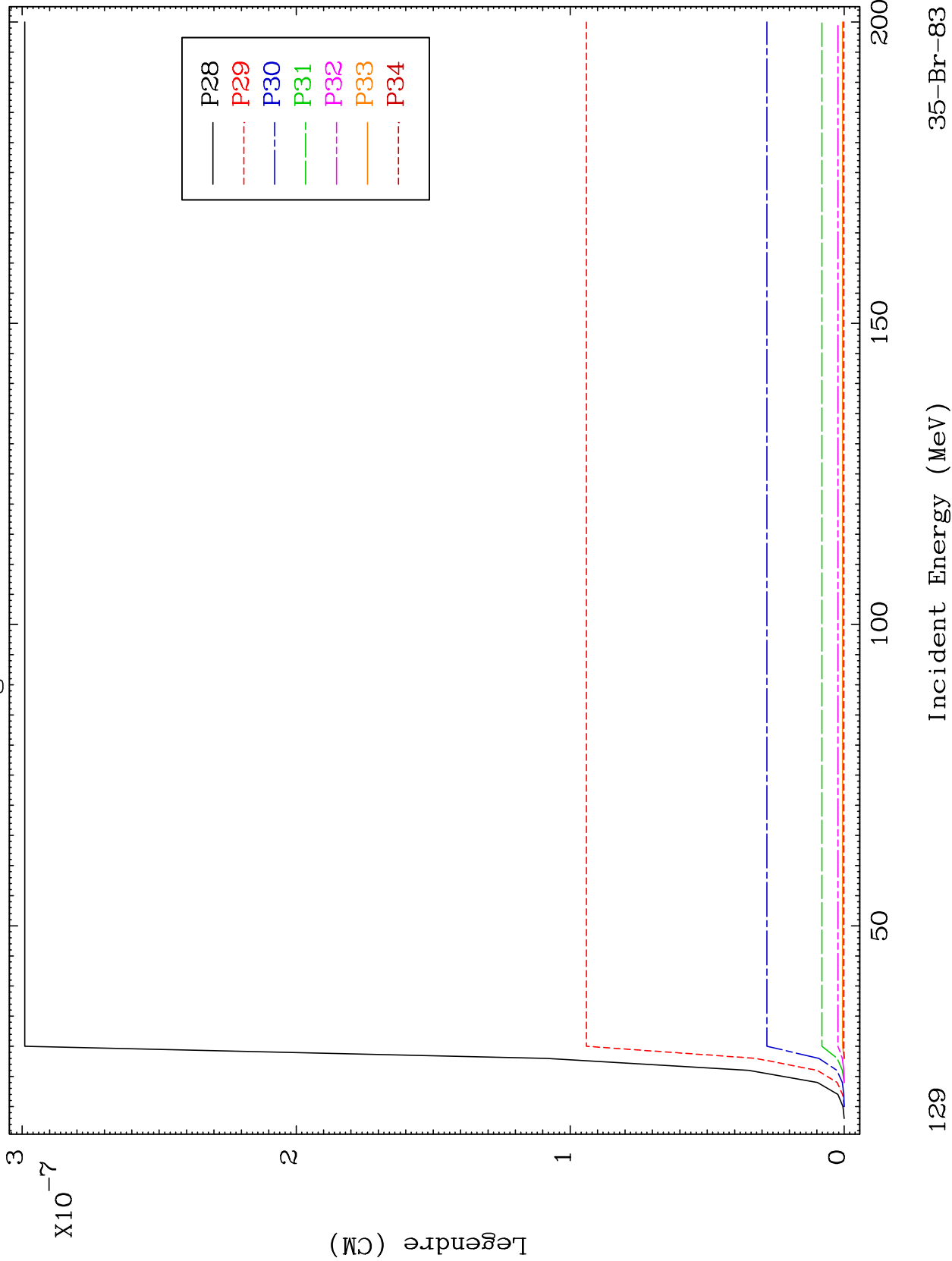
128

35-Br-83

MAT 3537

2.398 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



129

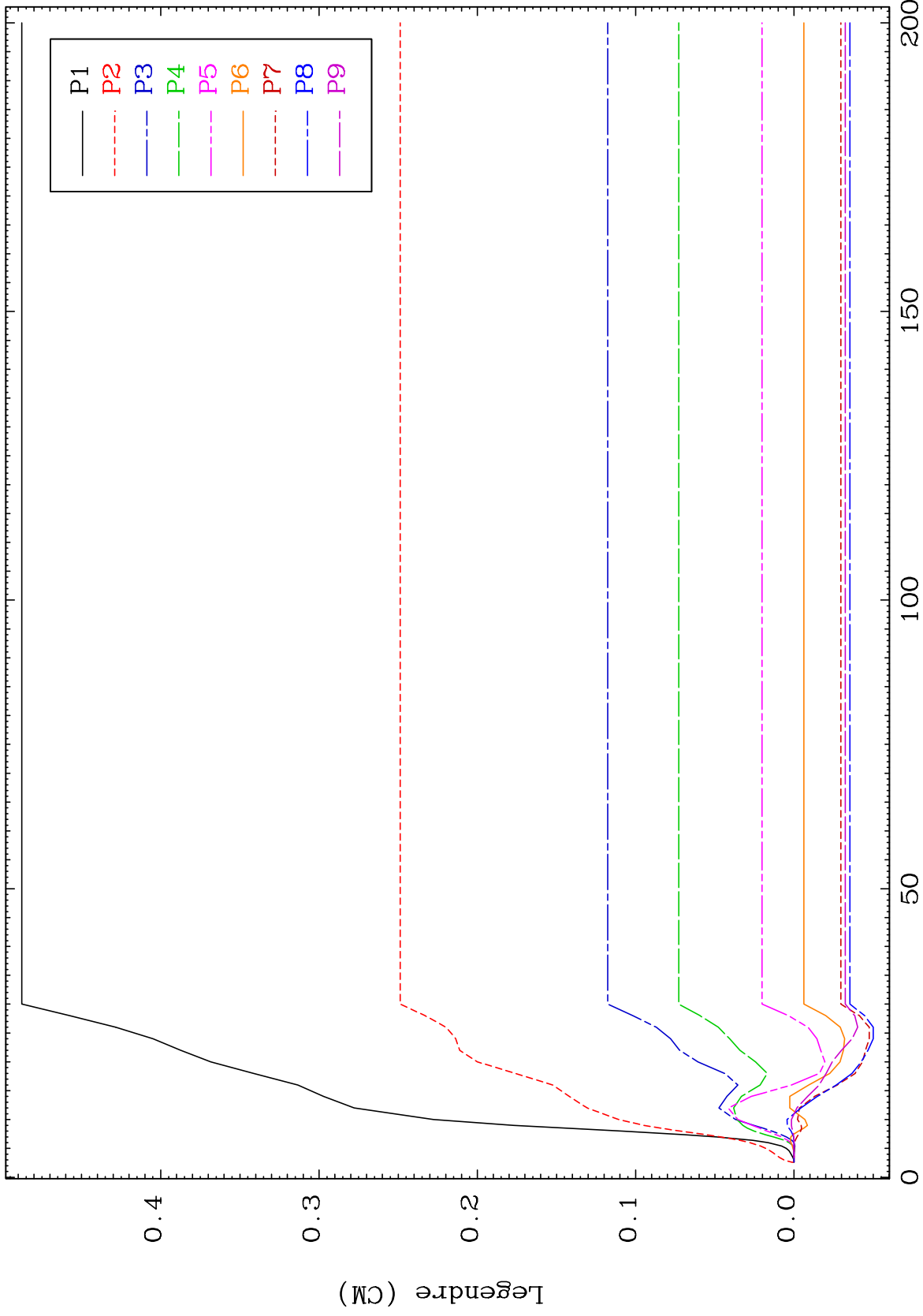
Incident Energy (MeV)

35-Br-83

MAT 3537

2.531 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



130

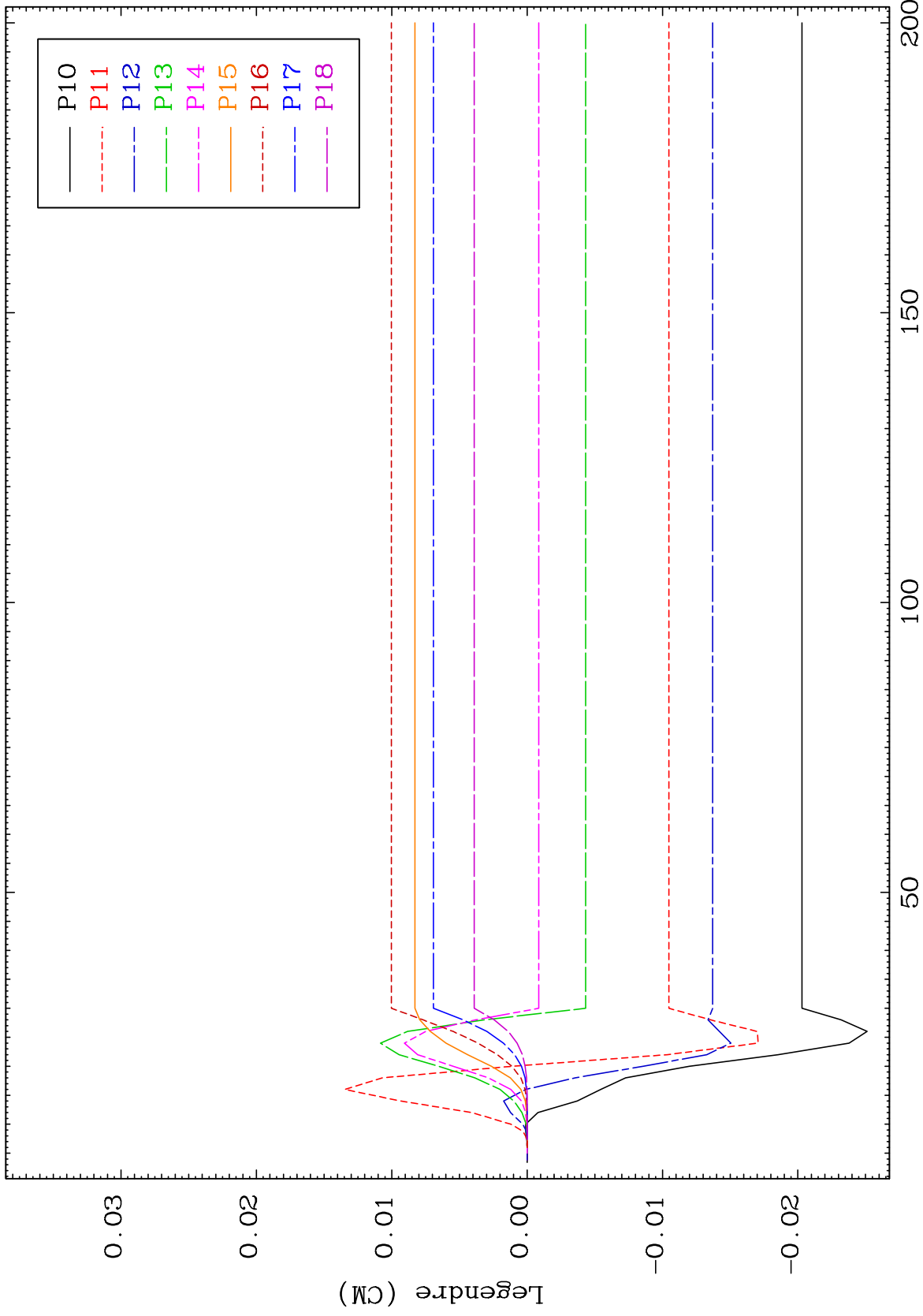
Incident Energy (MeV)

35-Br-83

MAT 3537

2.531 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



131

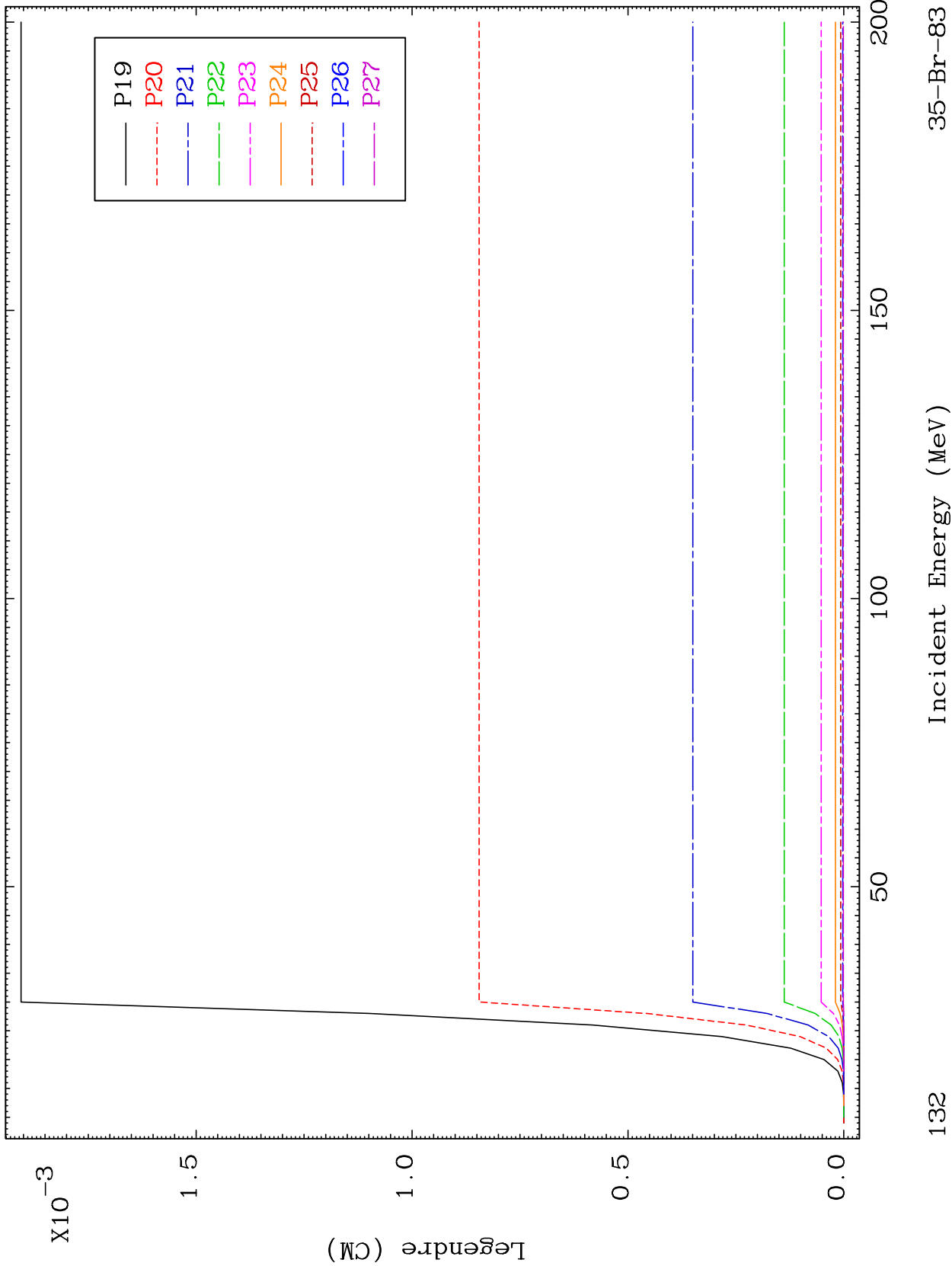
Incident Energy (MeV)

35-Br-83

MAT 3537

2.531 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



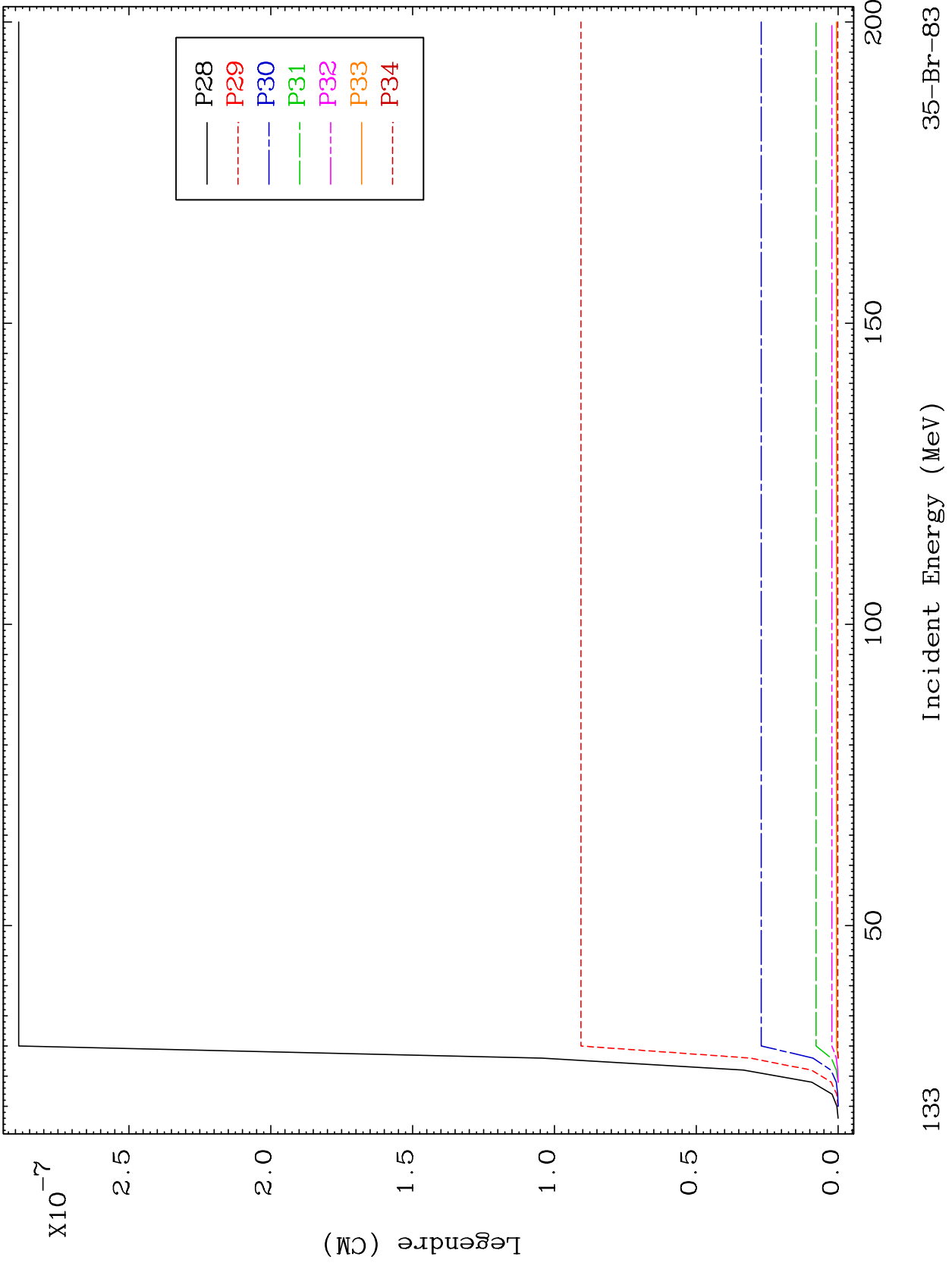
132

35-Br-83

MAT 3537

2.531 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



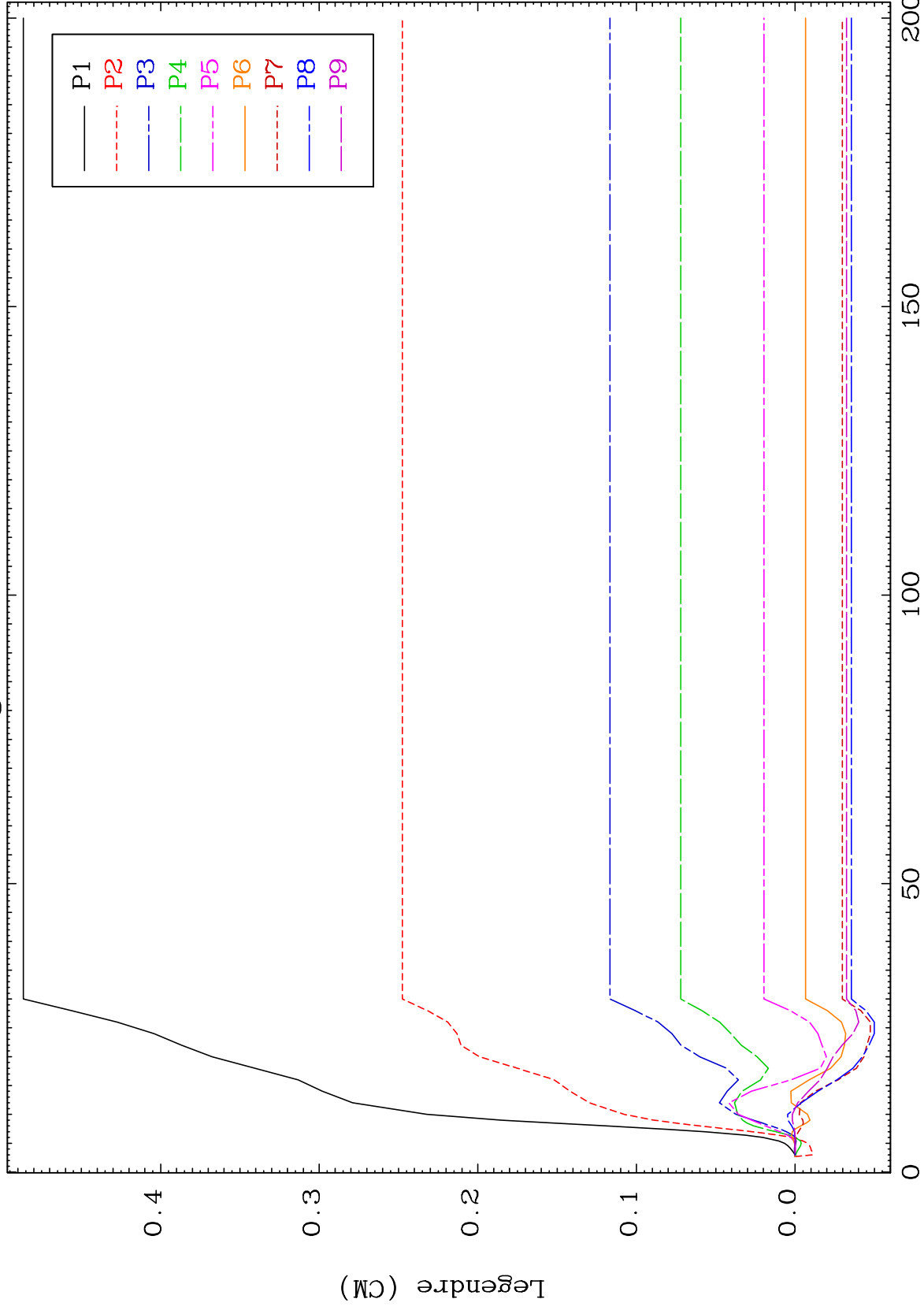
133

35-Br-83

MAT 3537

2.647 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



134

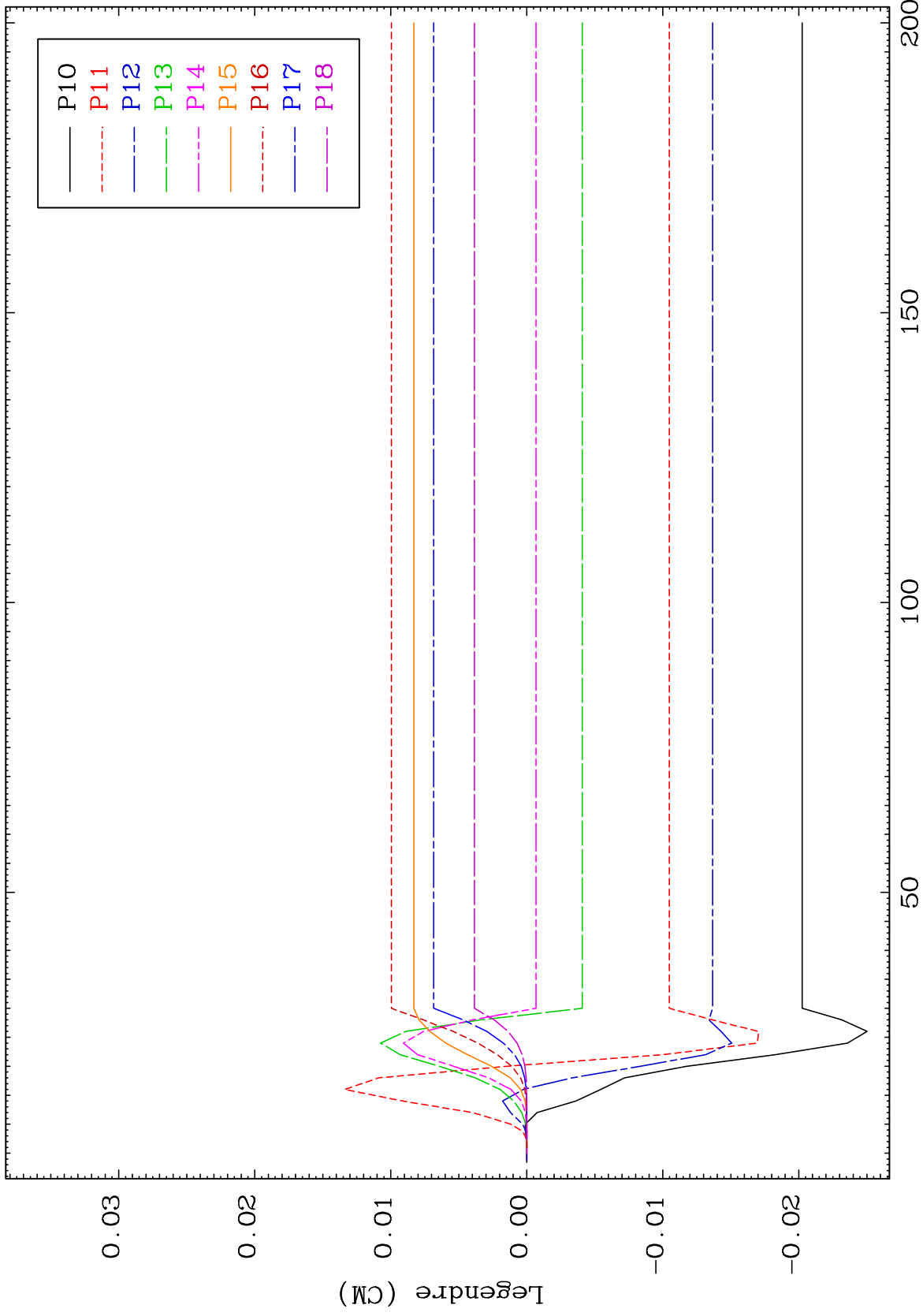
Incident Energy (MeV)

35-Br-83

MAT 3537

2.647 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



135

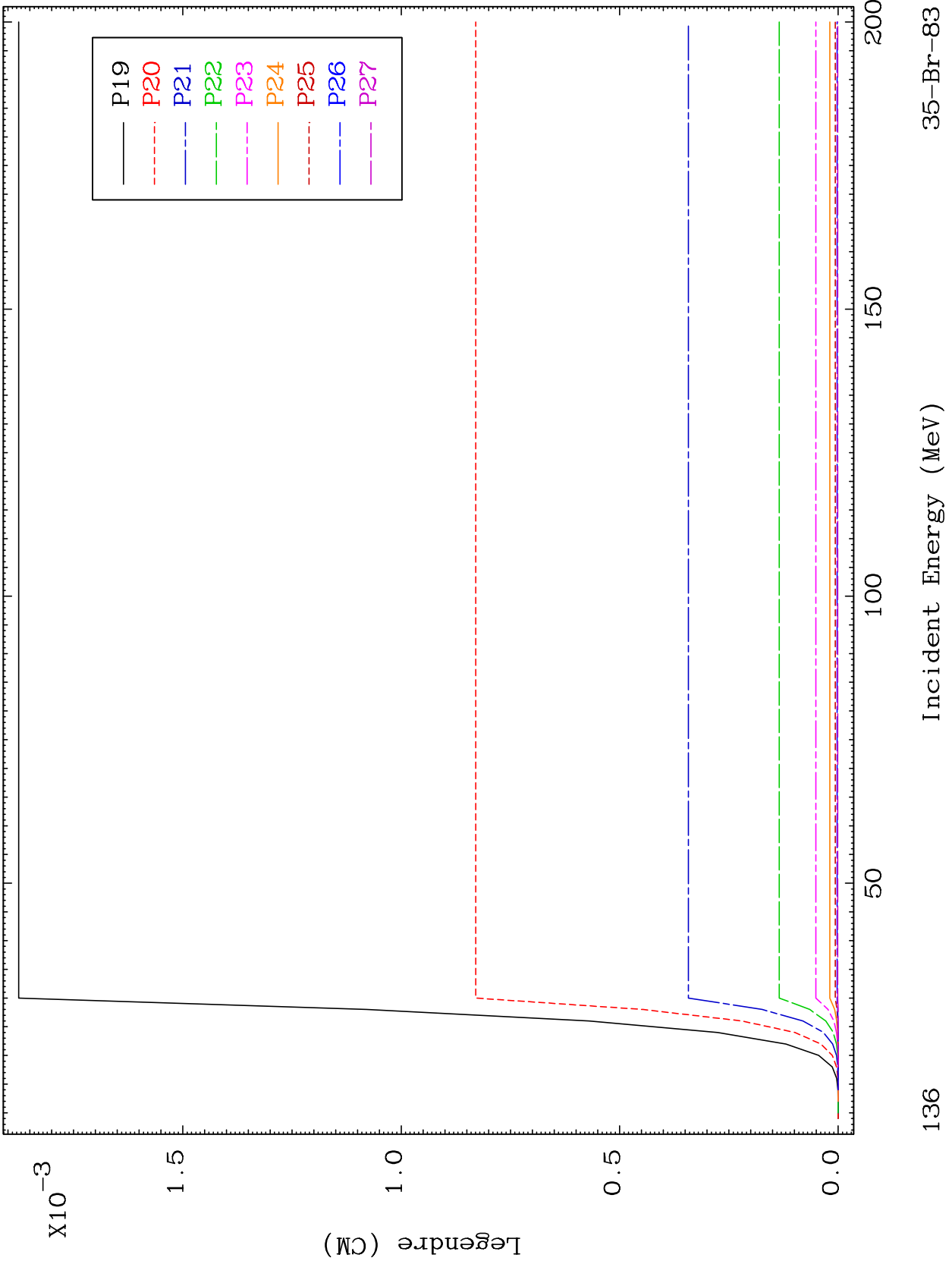
Incident Energy (MeV)

35-Br-83

MAT 3537

2.647 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



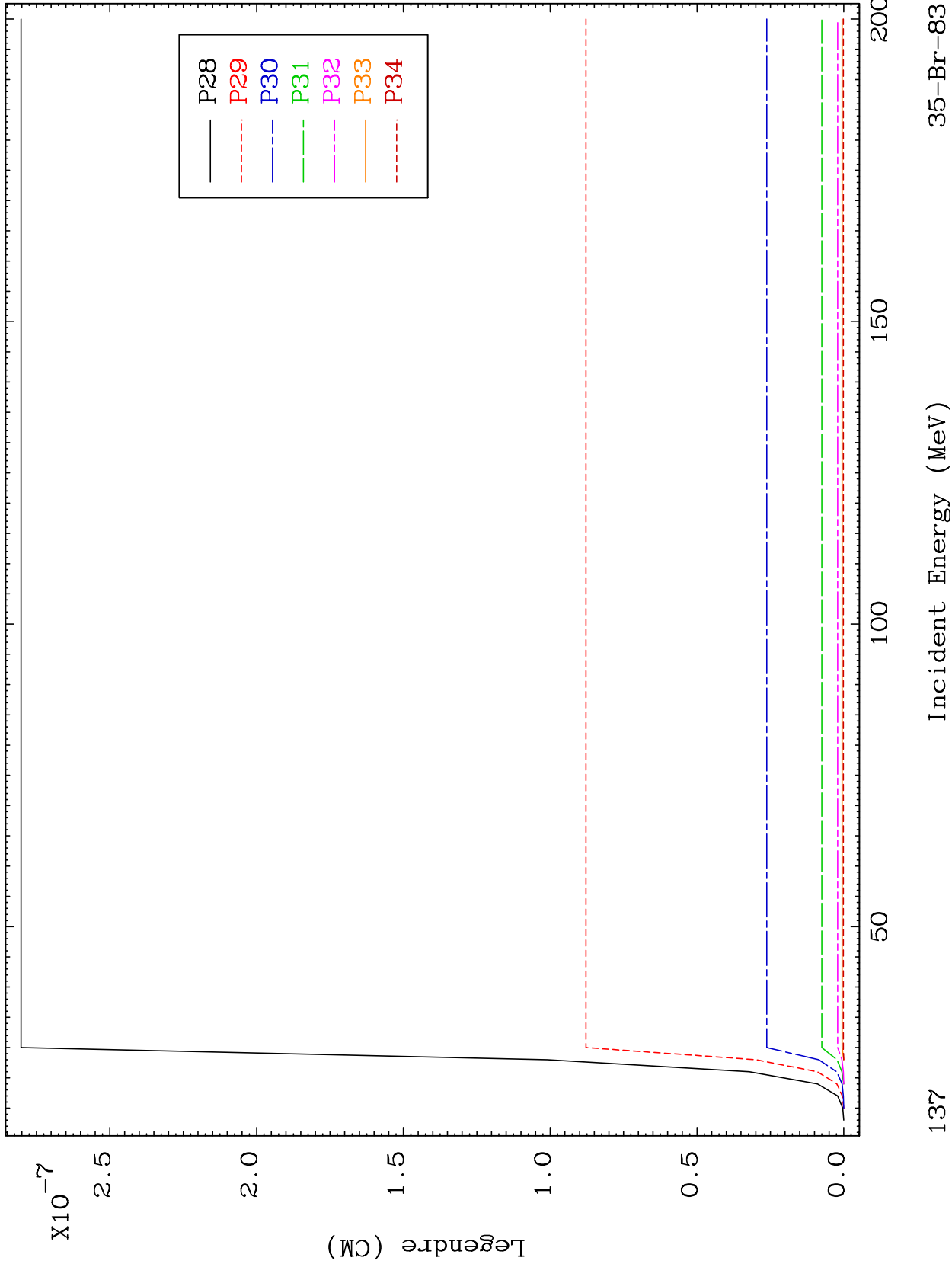
136

35-Br-83

MAT 3537

2.647 MeV (n,n') Level  
Legendre Coefficients

35-Br-83



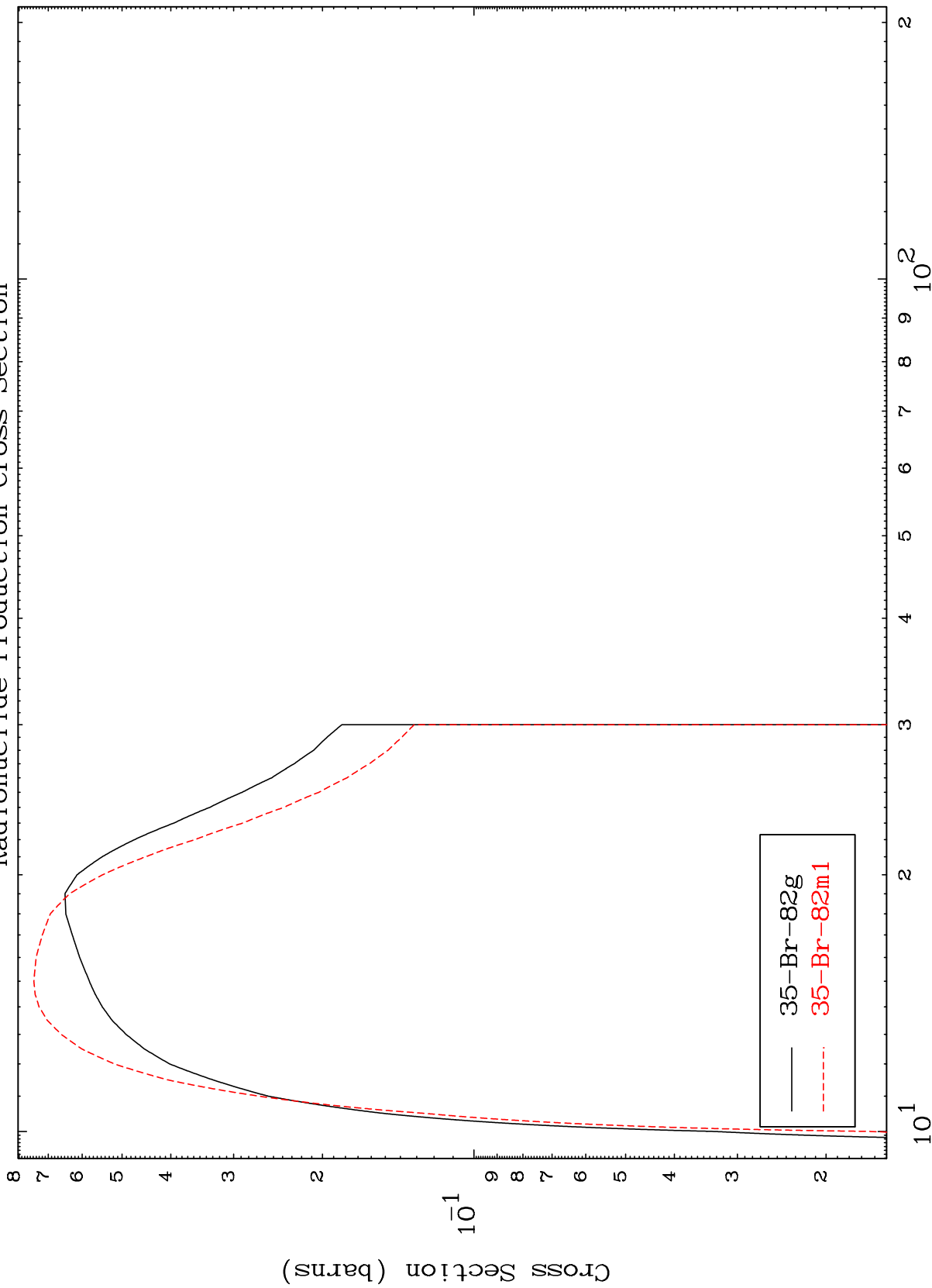
137

35-Br-83

MAT 3537

35-Br-83

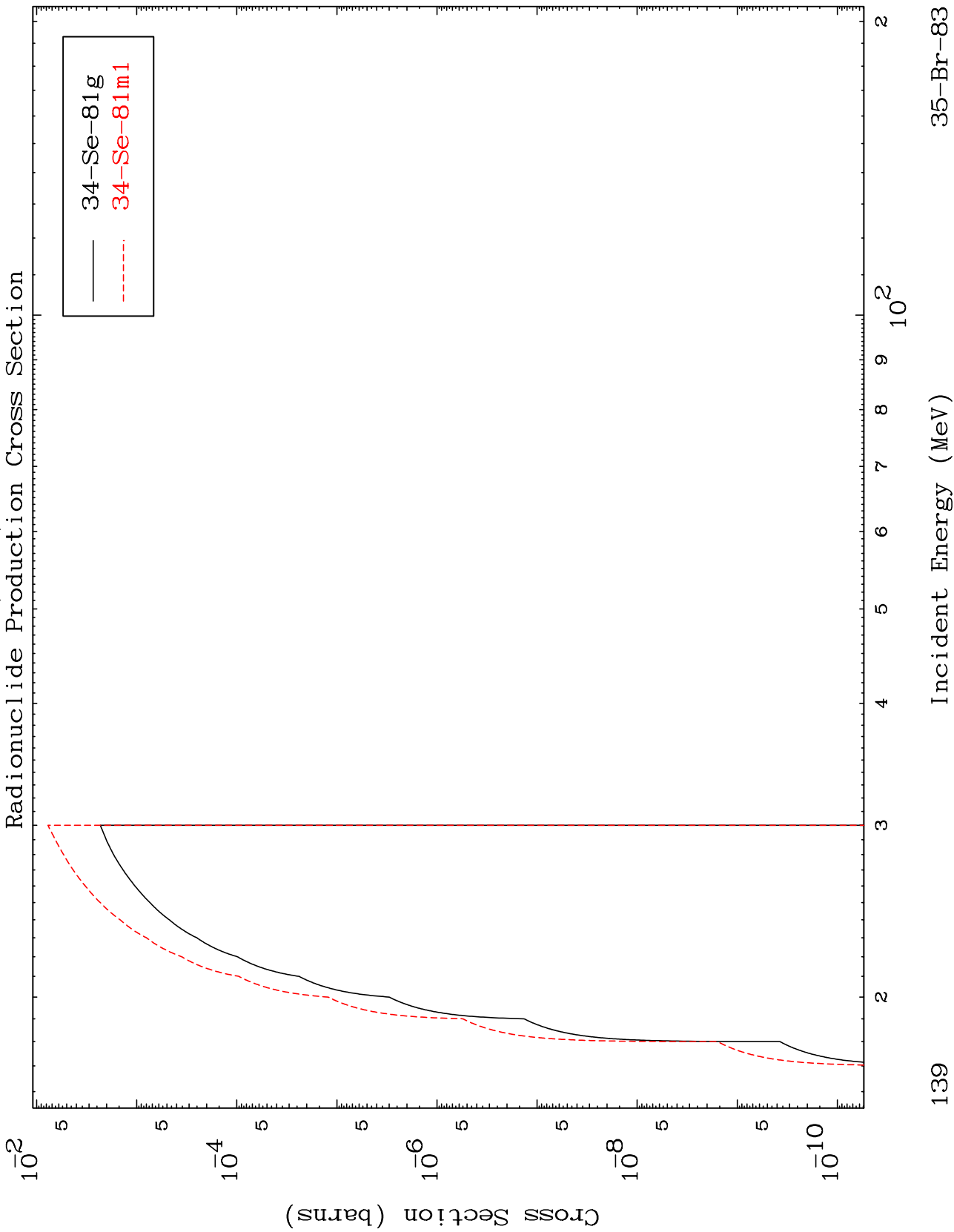
Radionuclide Production Cross Section  
(n,2n)



138

Incident Energy (MeV)

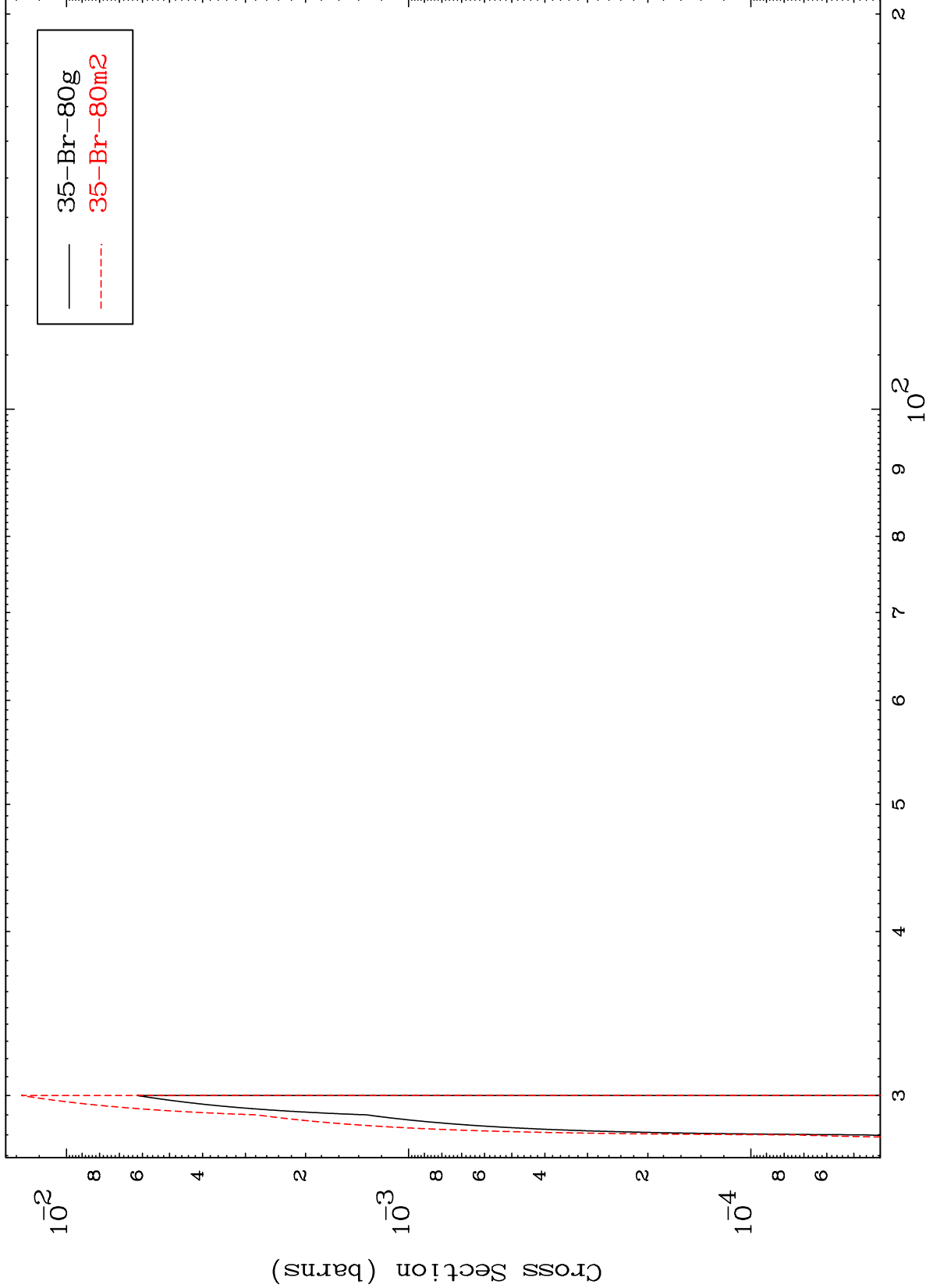
35-Br-83



MAT 3537

35-Br-83

(n,4n)  
Radionuclide Production Cross Section

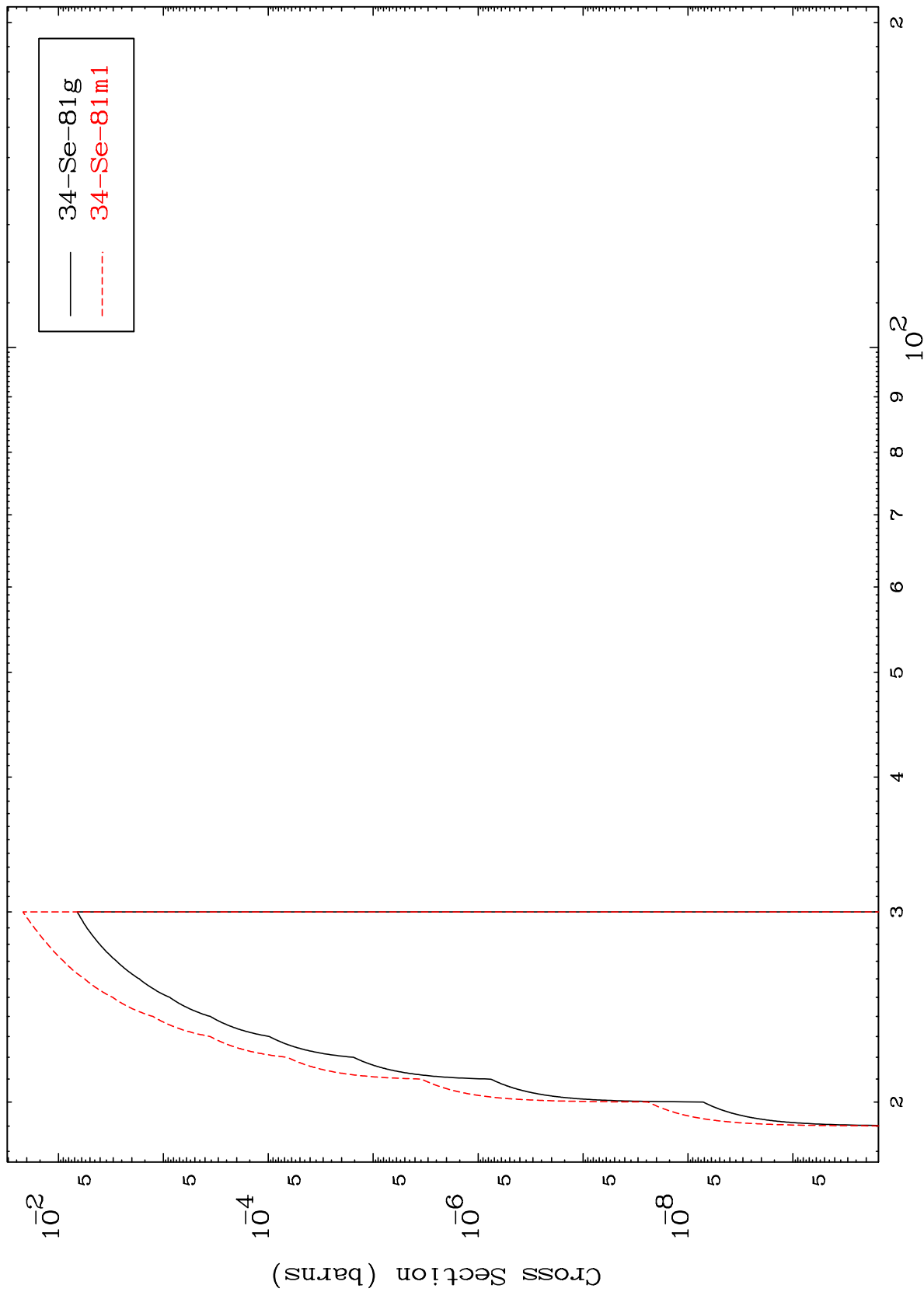


140

35-Br-83

Incident Energy (MeV)

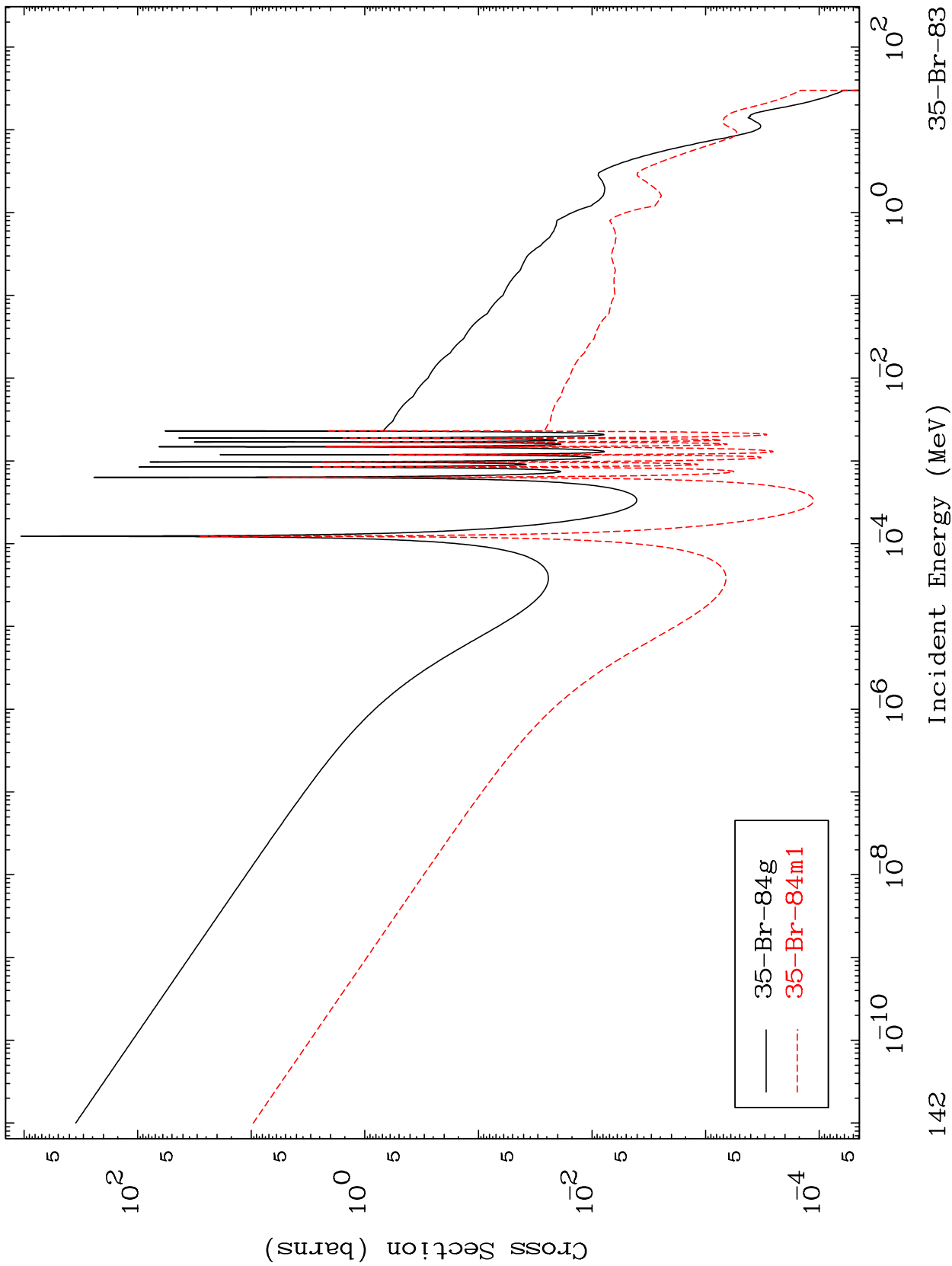
Radionuclide Production Cross Section



MAT 3537

35-Br-83

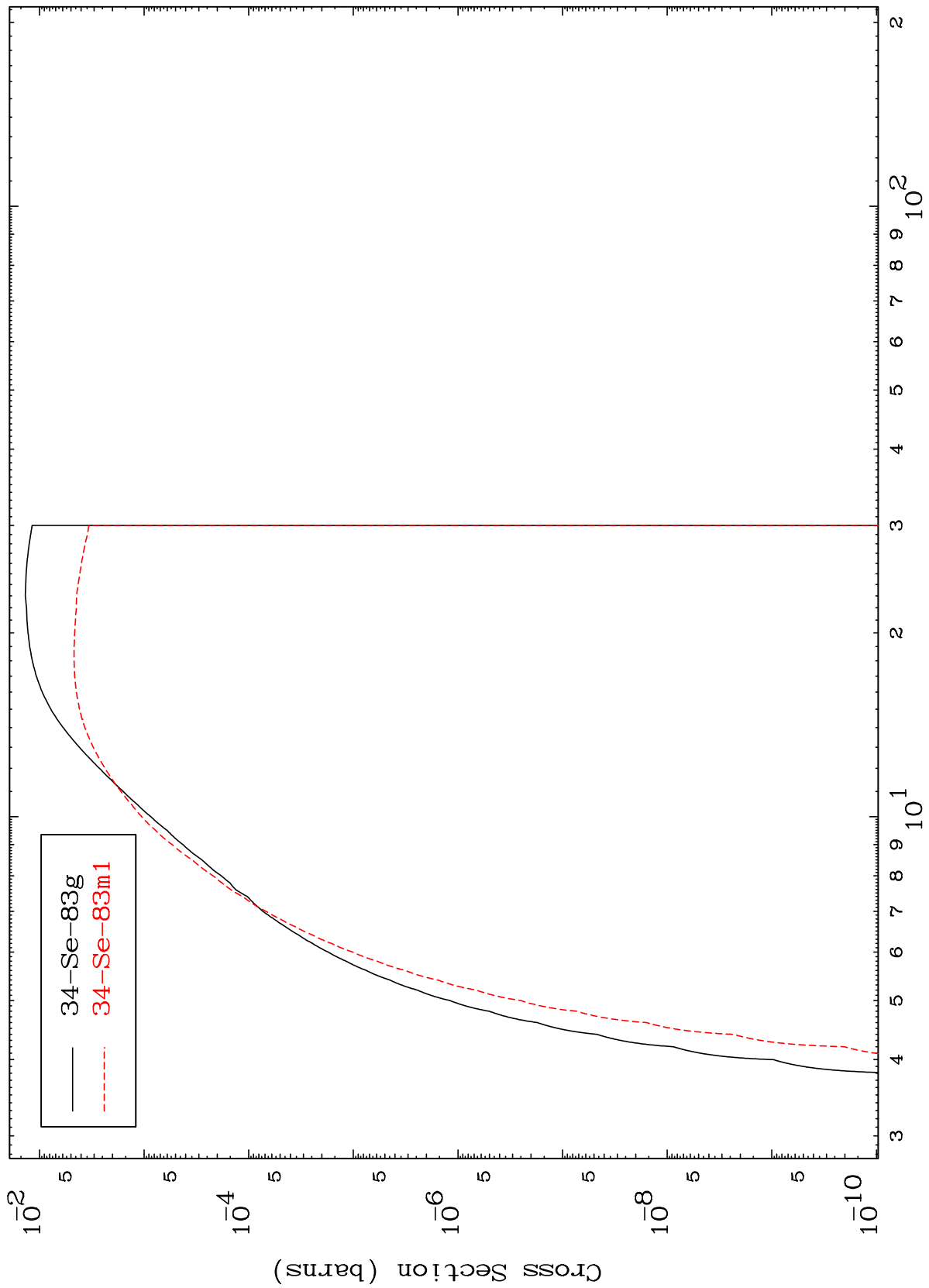
$(n, \gamma)$   
Radionuclide Production Cross Section



MAT 3537

35-Br-83

(n,p)  
Radionuclide Production Cross Section



— 34-<sup>83</sup>Se-g  
- - - 34-<sup>83</sup>Se-m1

Incident Energy (MeV)

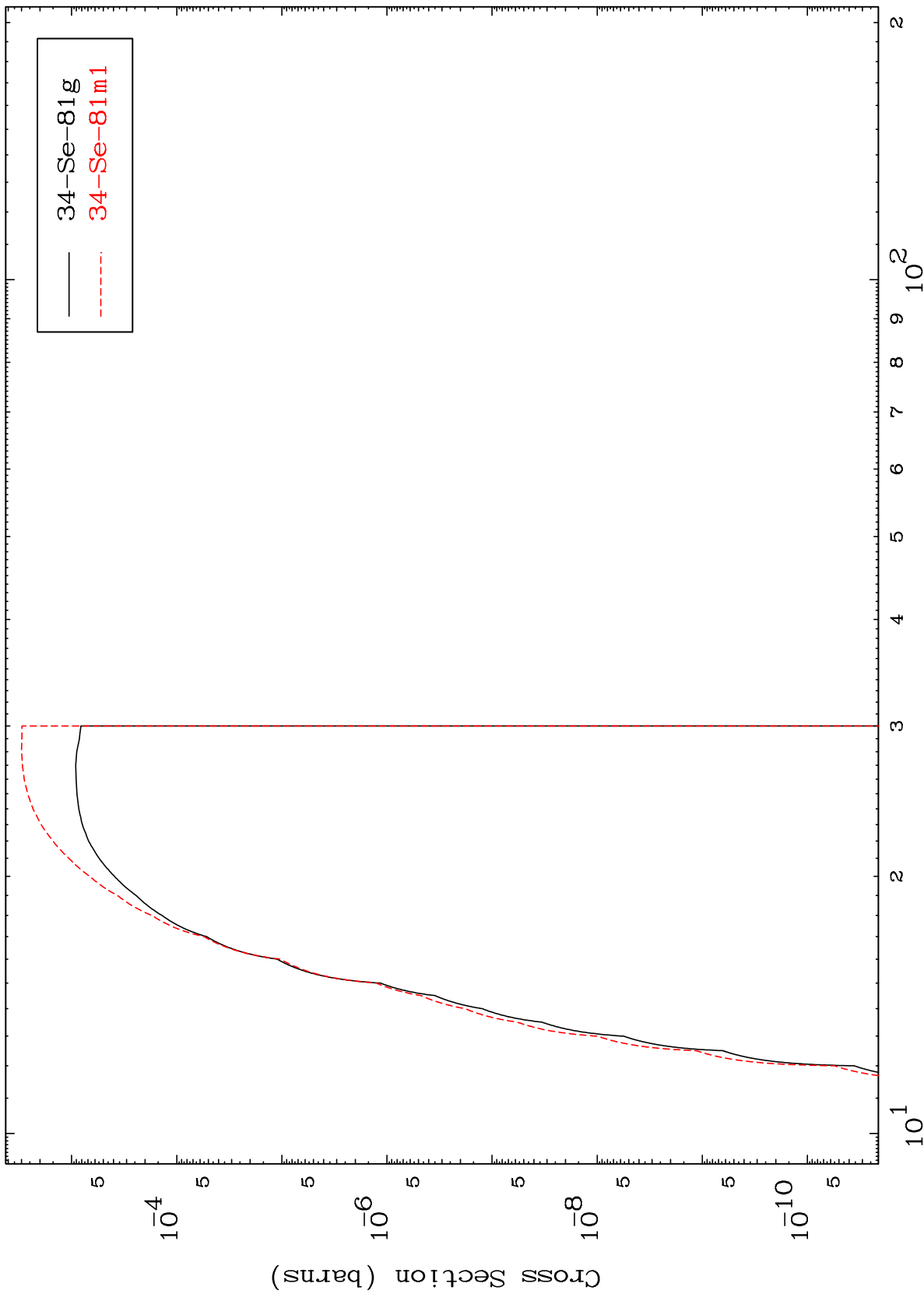
35-Br-83

143

MAT 3537

35-Br-83

(n,t)  
Radionuclide Production Cross Section



35-Br-83

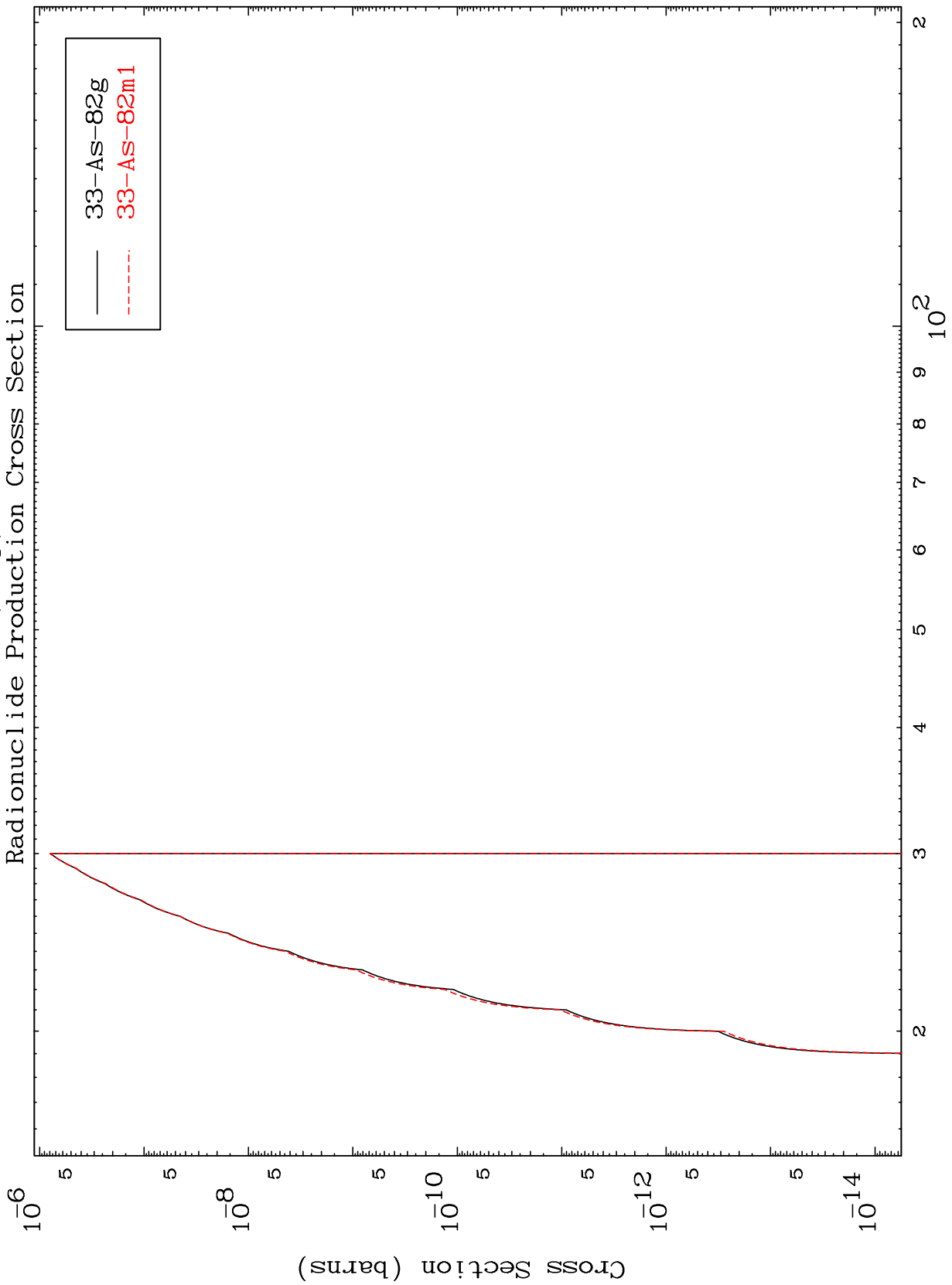
Incident Energy (MeV)

144

MAT 3537

35-Br-83

(n,2p)  
Radionuclide Production Cross Section



145

Incident Energy (MeV)

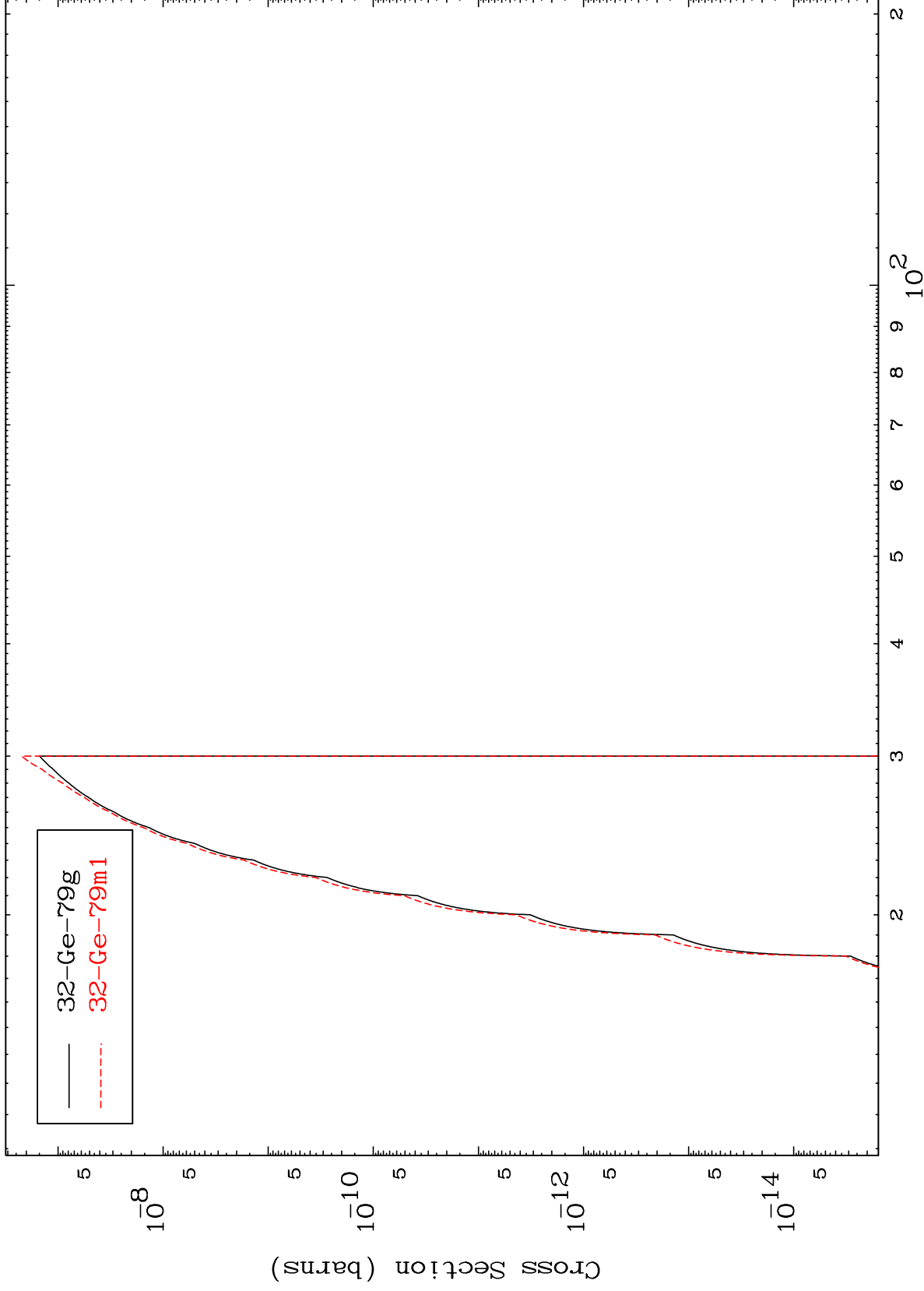
35-Br-83

MAT 3537

(n,p)  $\alpha$

35-Br-83

Radionuclide Production Cross Section



146

Incident Energy (MeV)

35-Br-83