

Program EVALPLOT  
(Version 2021-1)

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

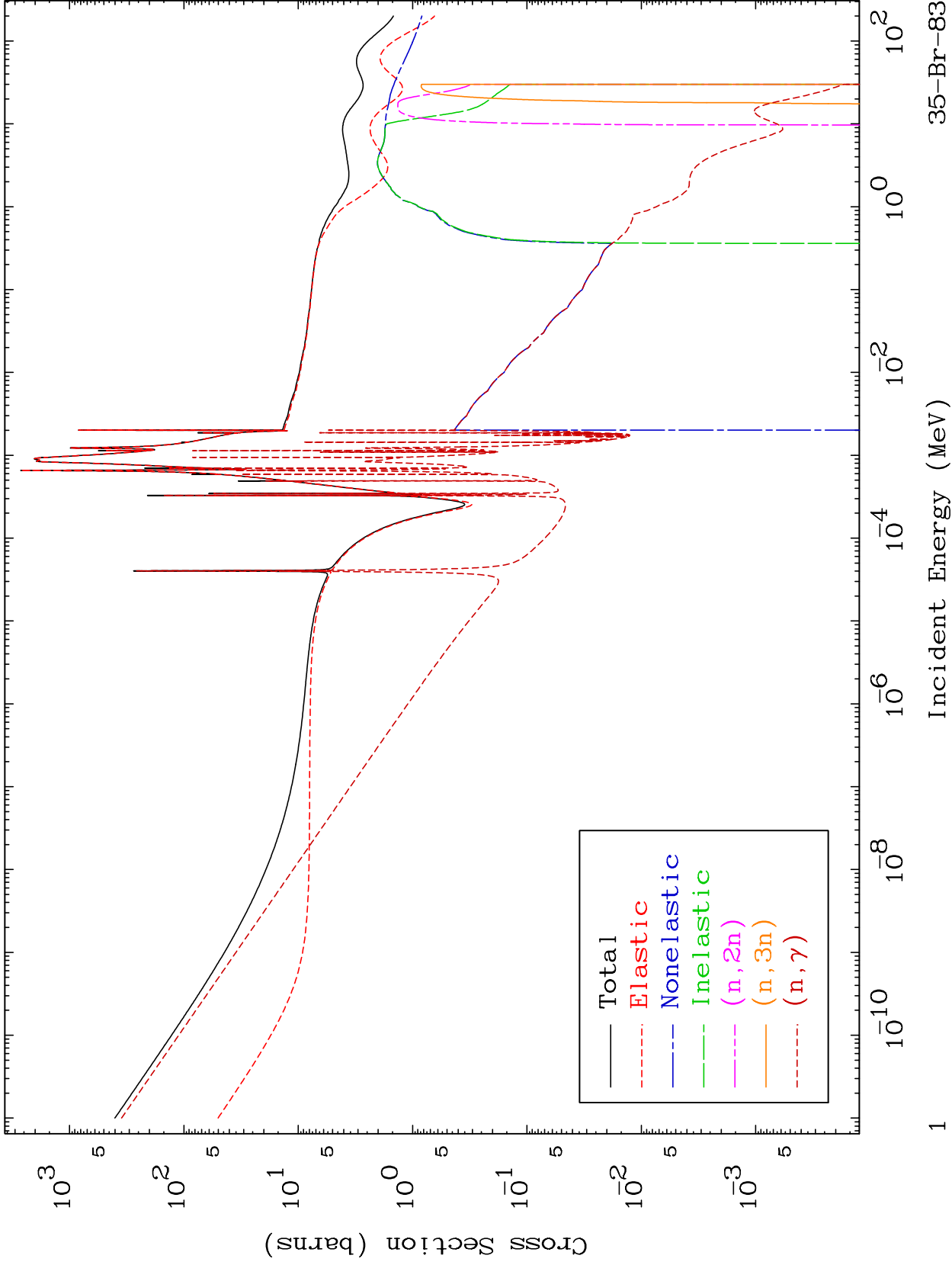
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Press Mouse Button to Start

MAT 3537

Neutron Major  
293 Kelvin Cross Sections

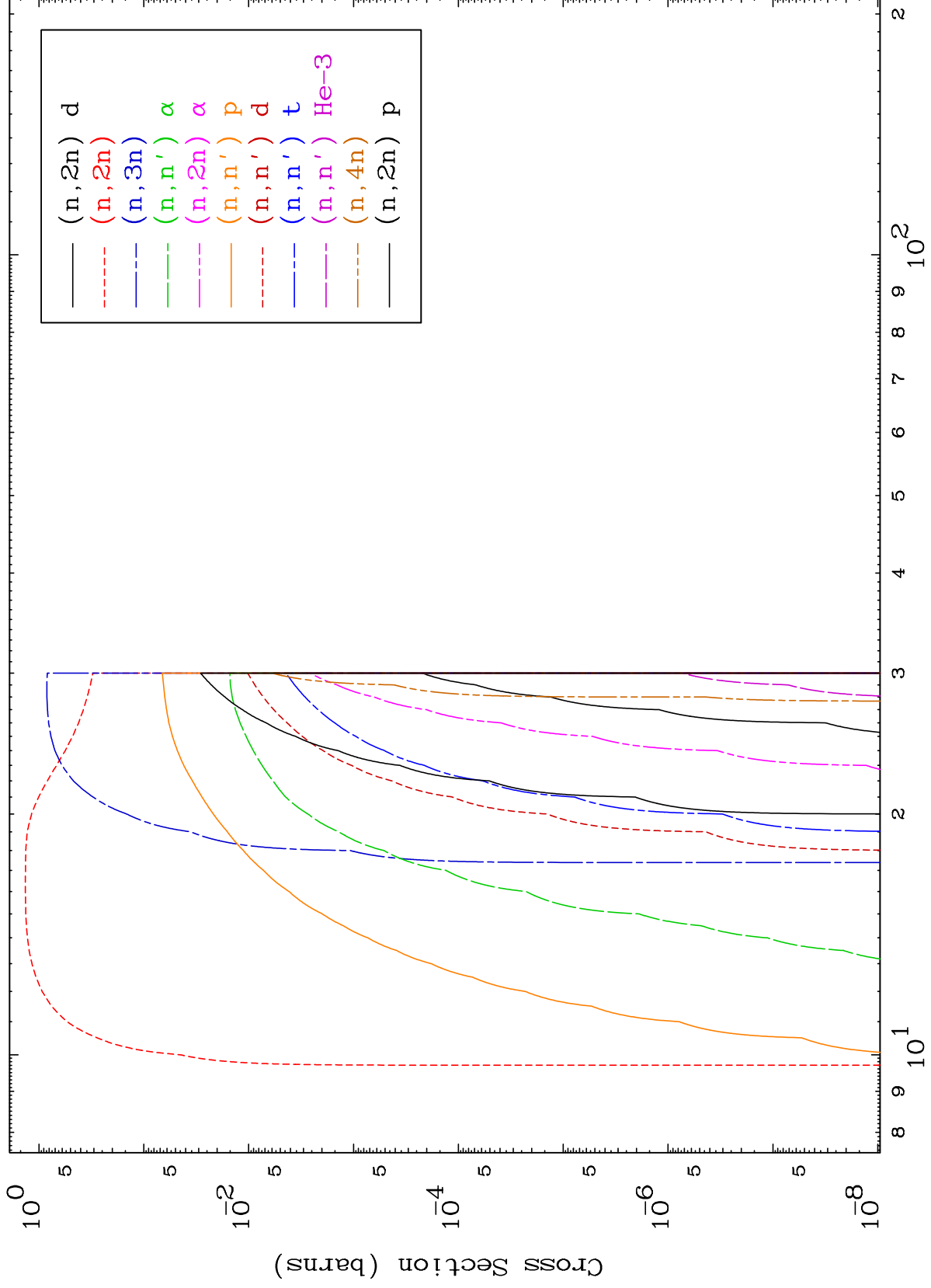
35-Br-83



MAT 3537

Neutron Absorption  
293 Kelvin Cross Sections

35-Br-83



35-Br-83

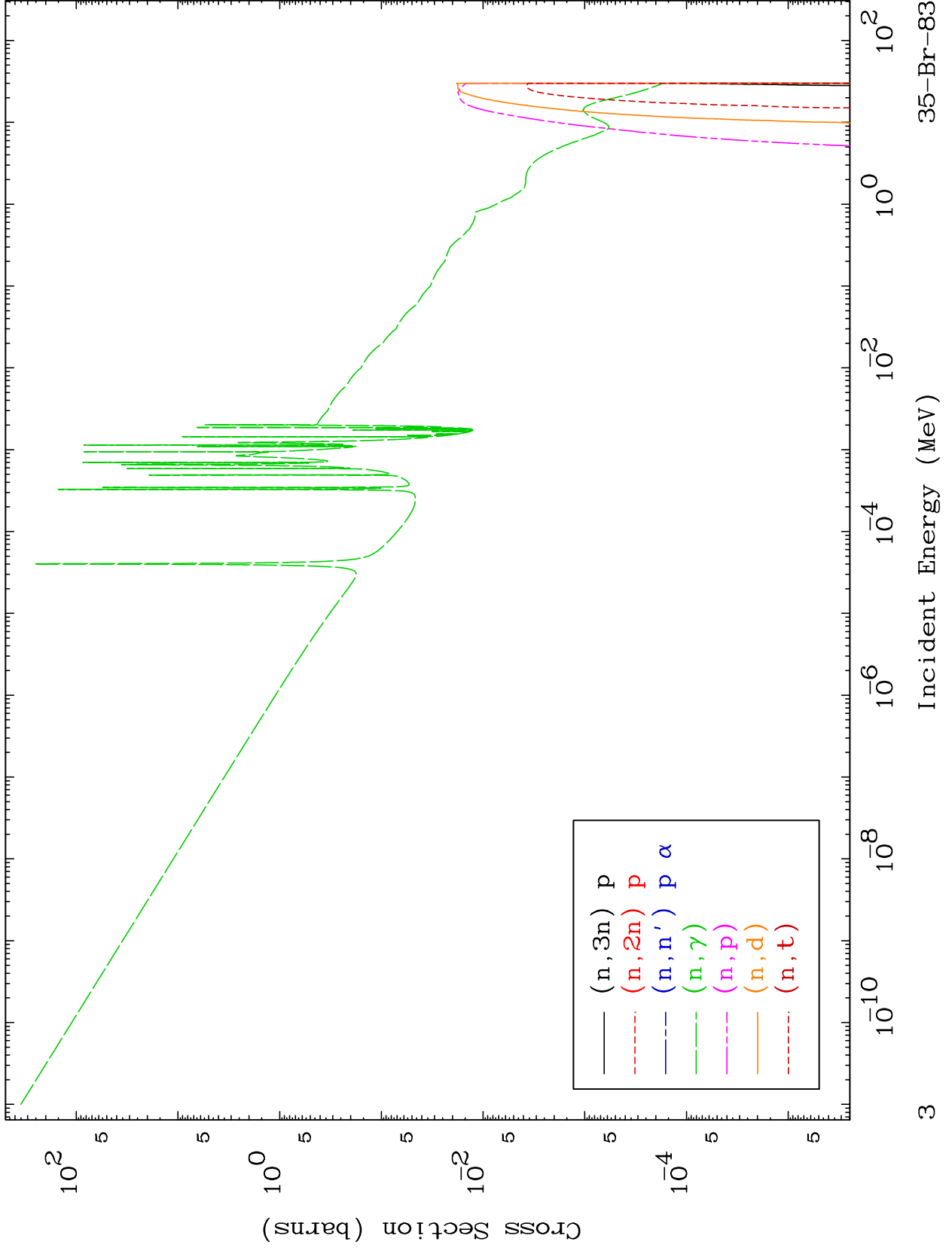
Incident Energy (MeV)

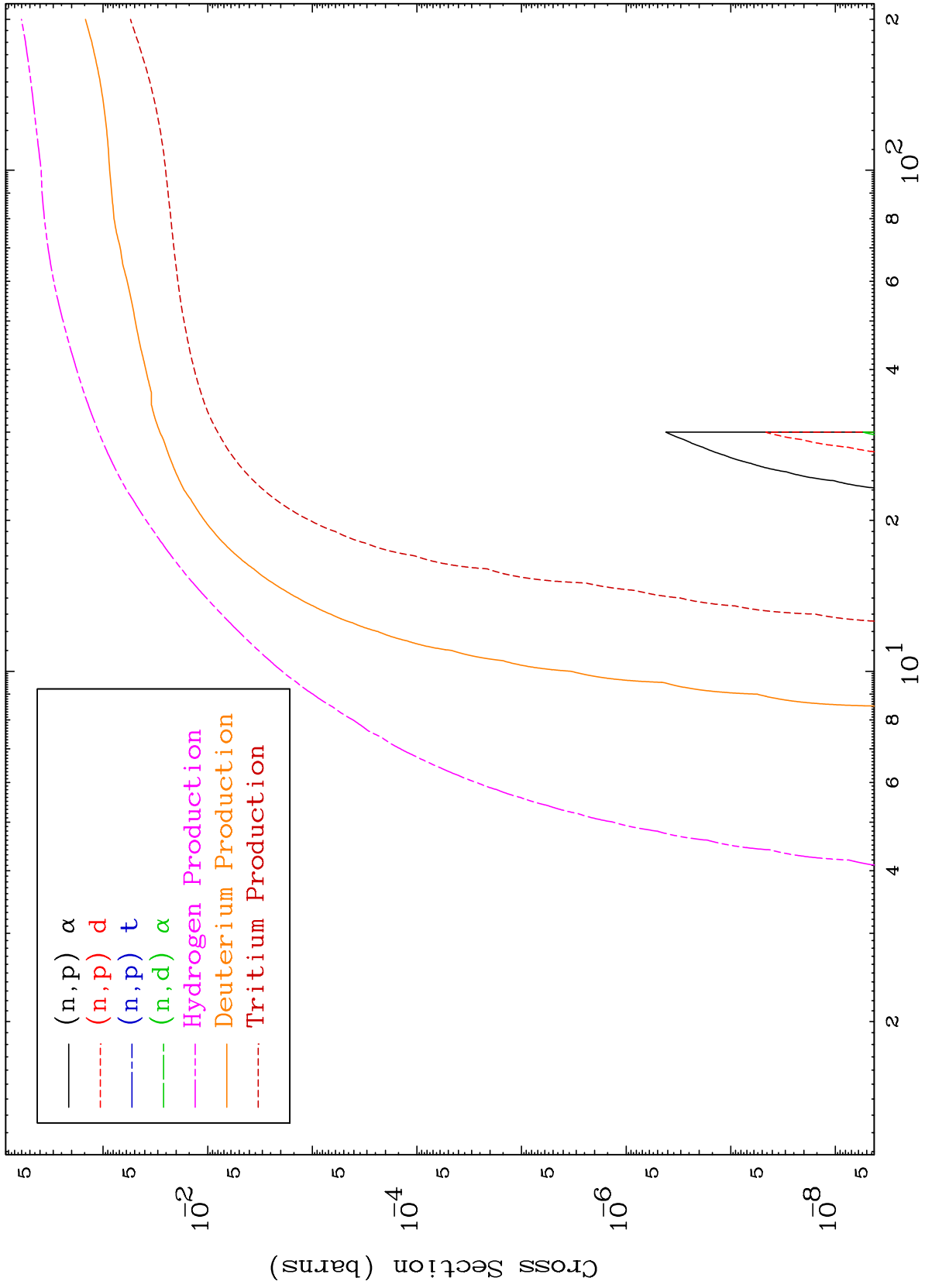
2

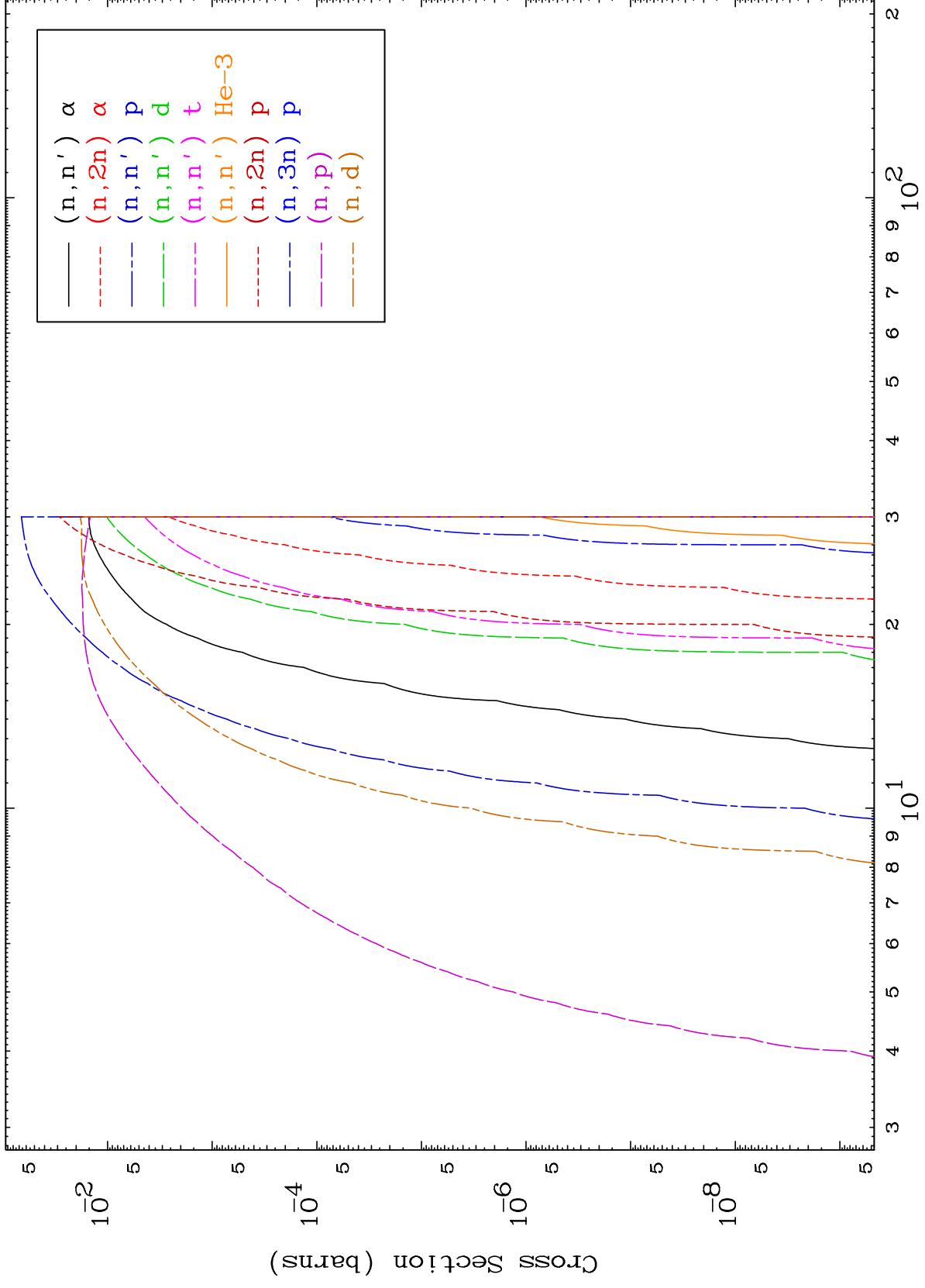
MAT 3537

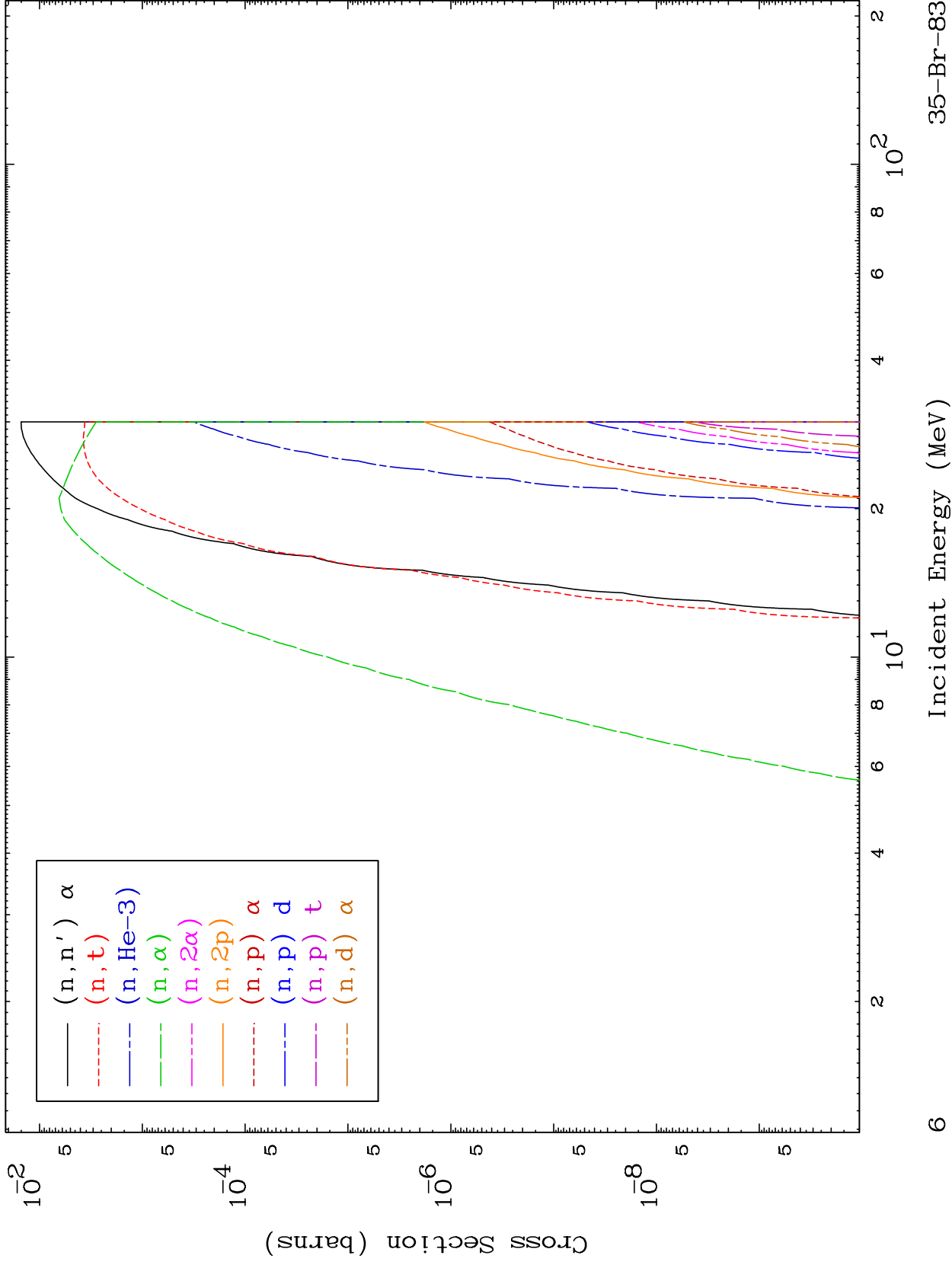
Neutron Absorption  
293 Kelvin Cross Sections

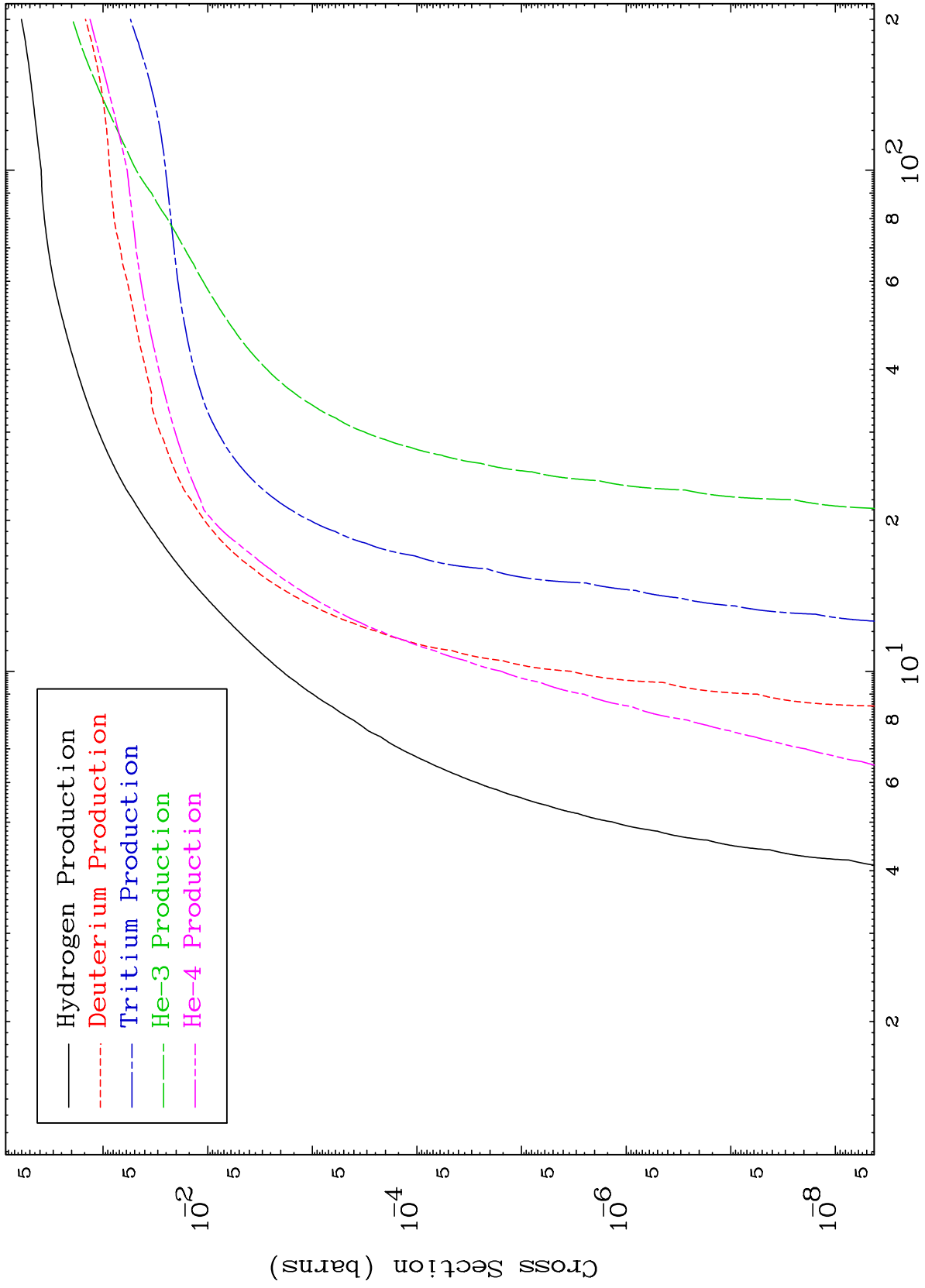
35-Br-83









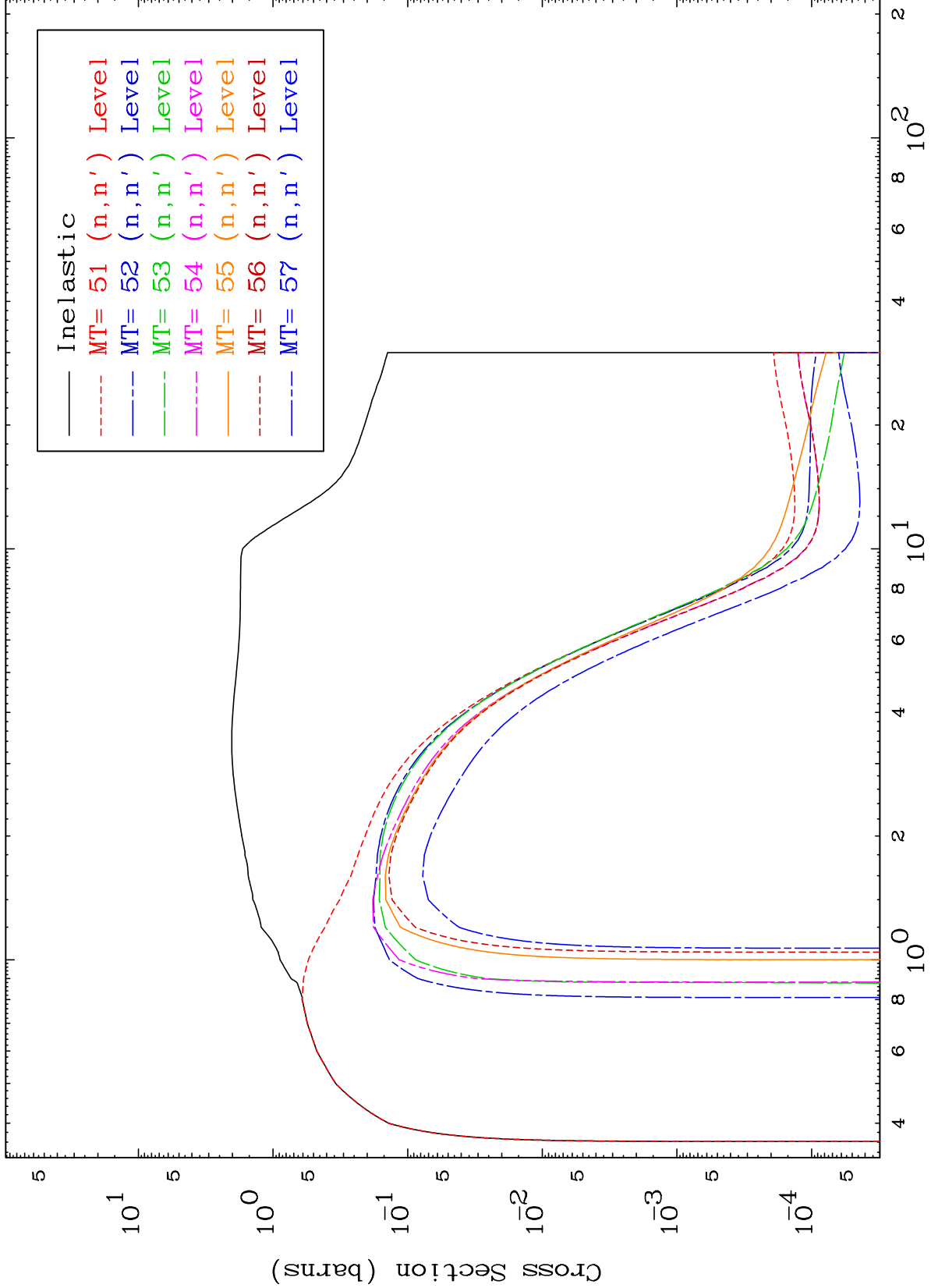




MAT 3537

(n,n') Levels  
293 Kelvin Cross Sections

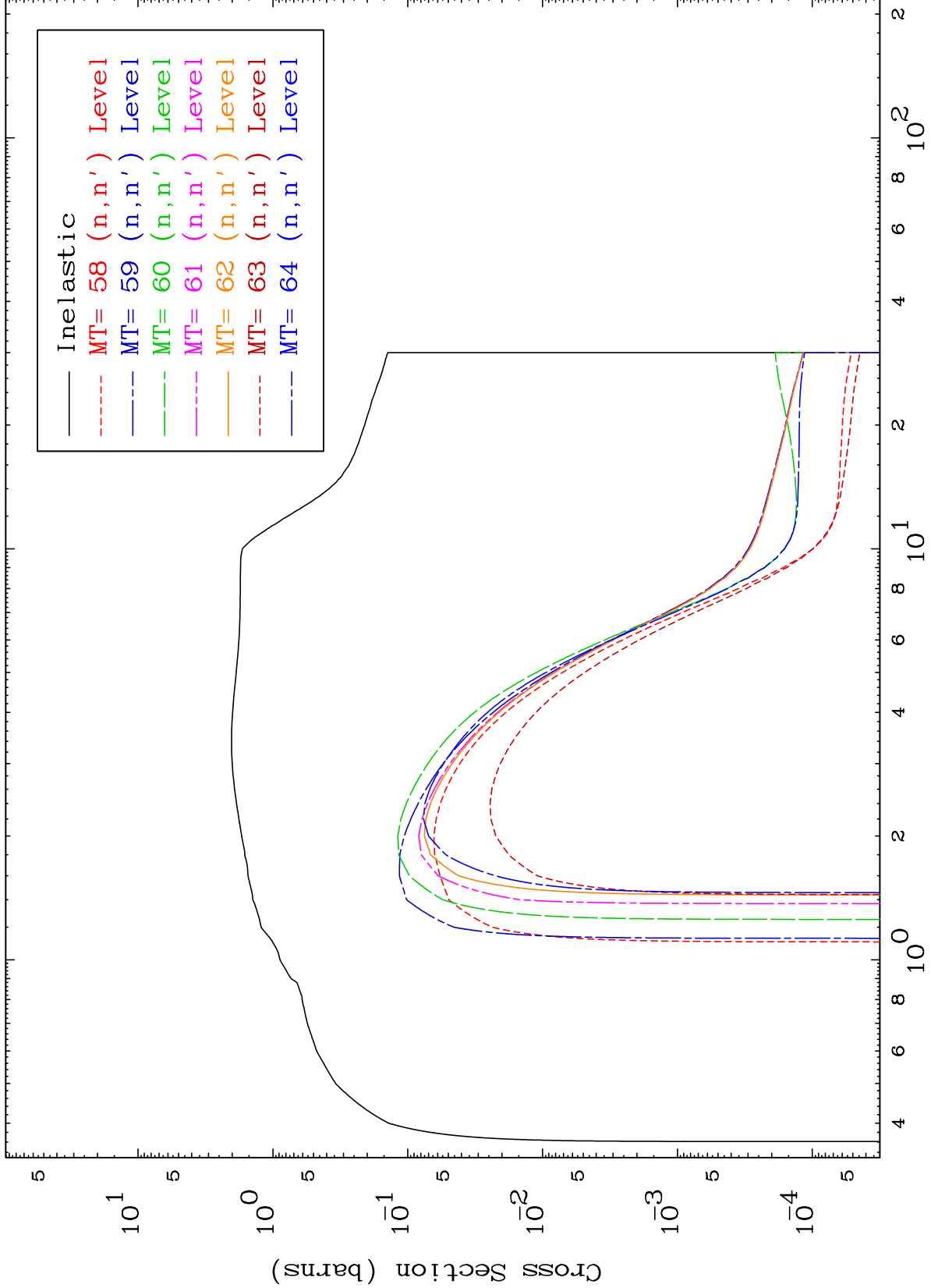
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Incident Energy (MeV)

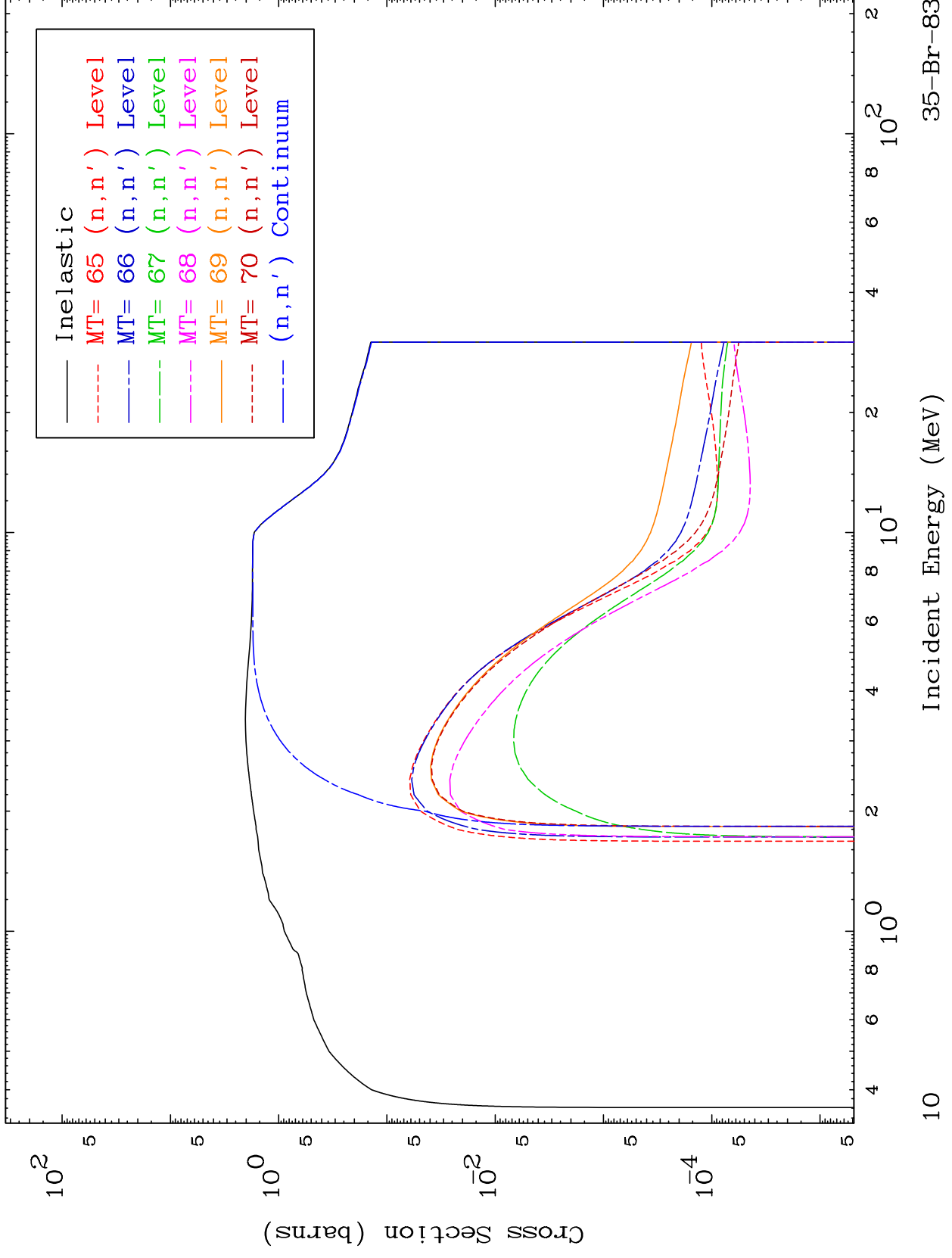
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MAT 3537

(n,n') Levels  
293 Kelvin Cross Sections

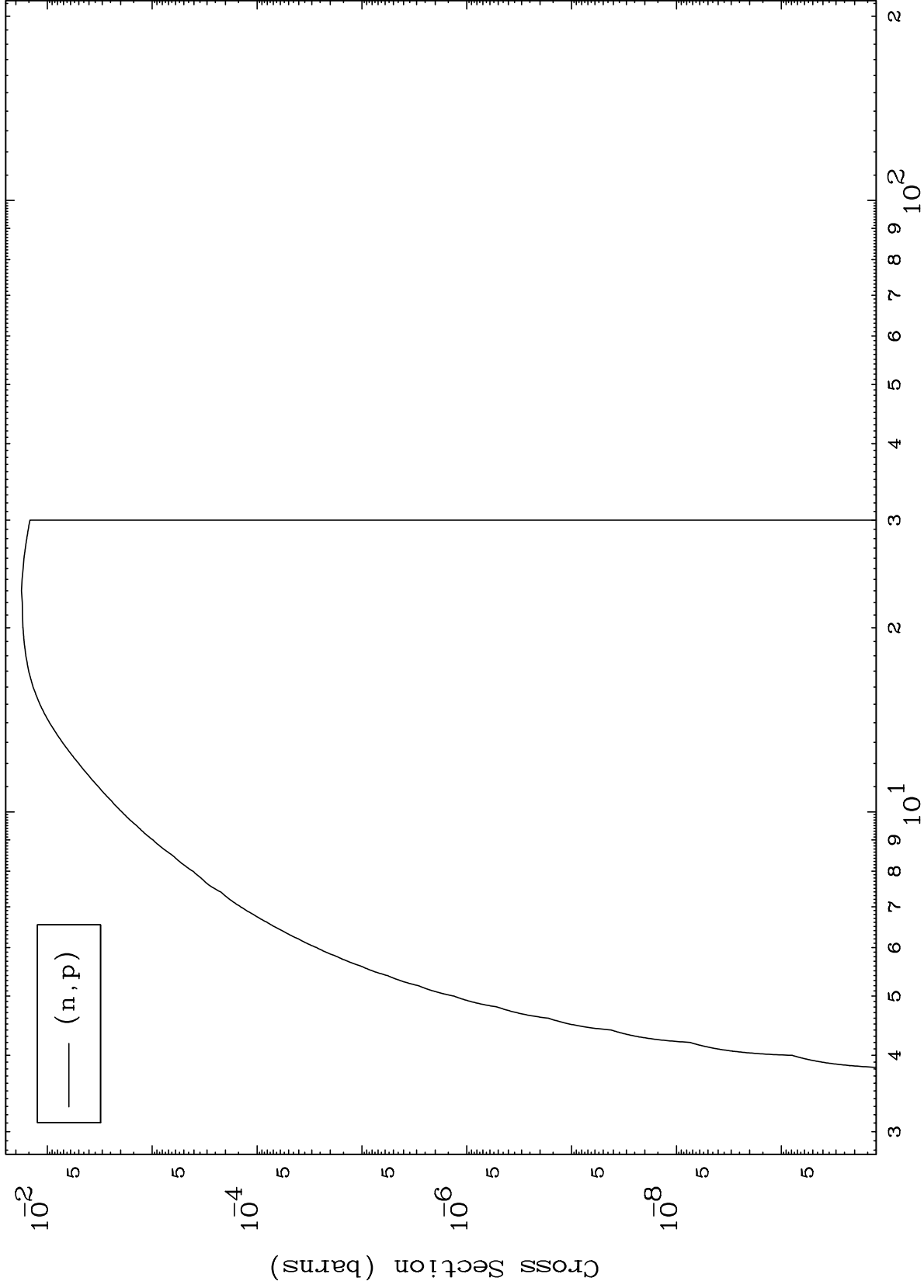
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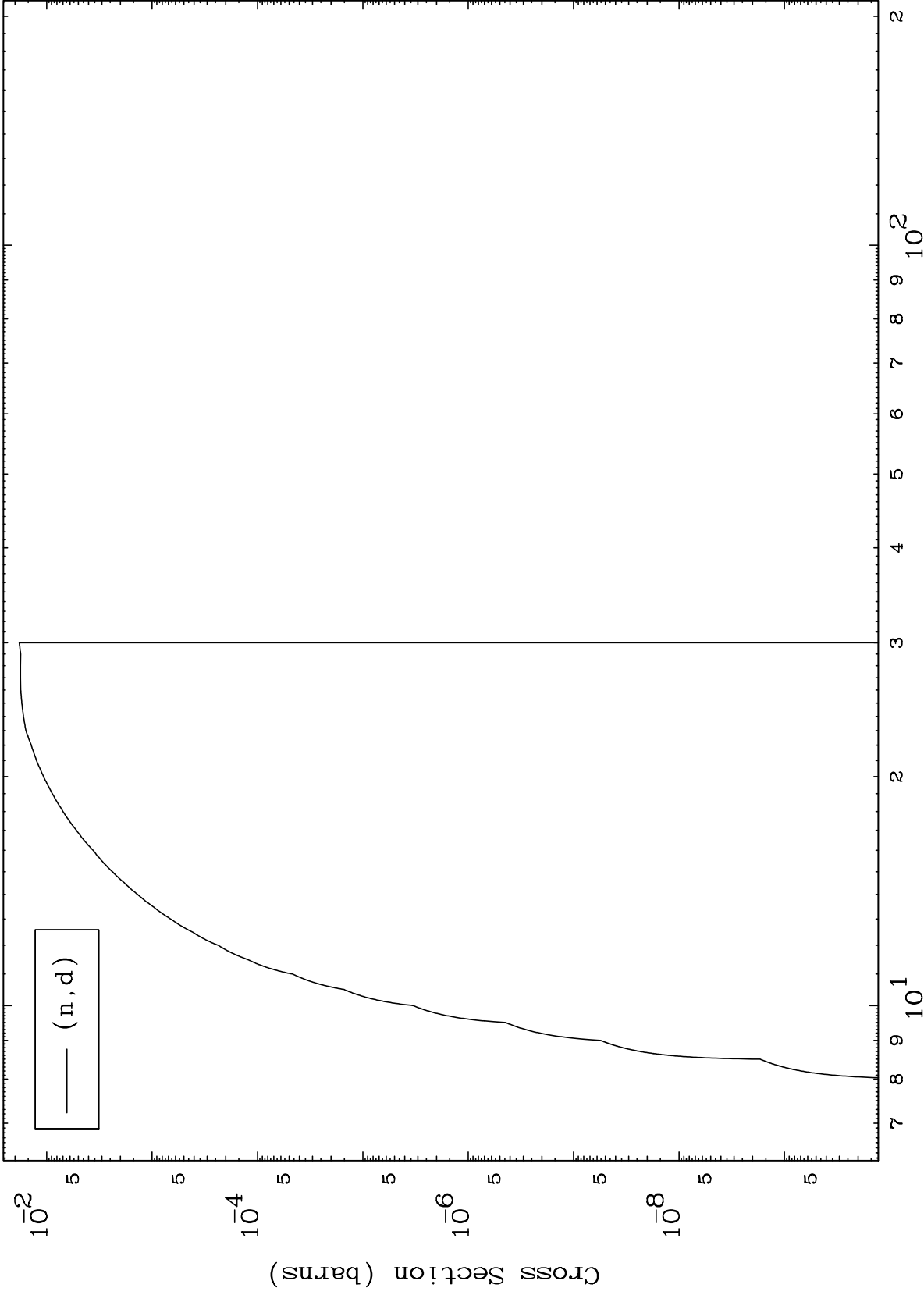


35-Br-83

Incident Energy (MeV)

10

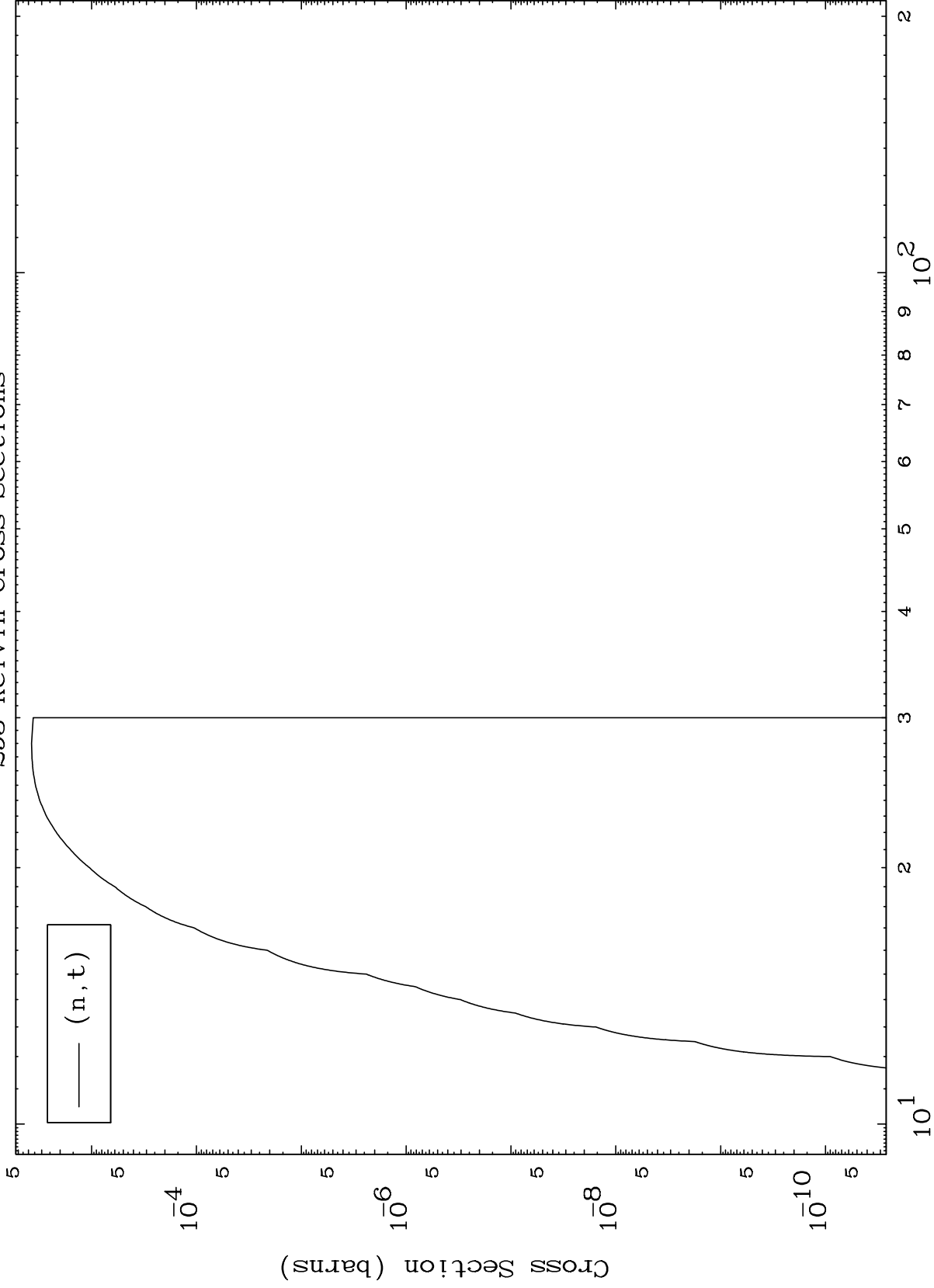




MAT 3537

(n,t) Levels  
293 Kelvin Cross Sections

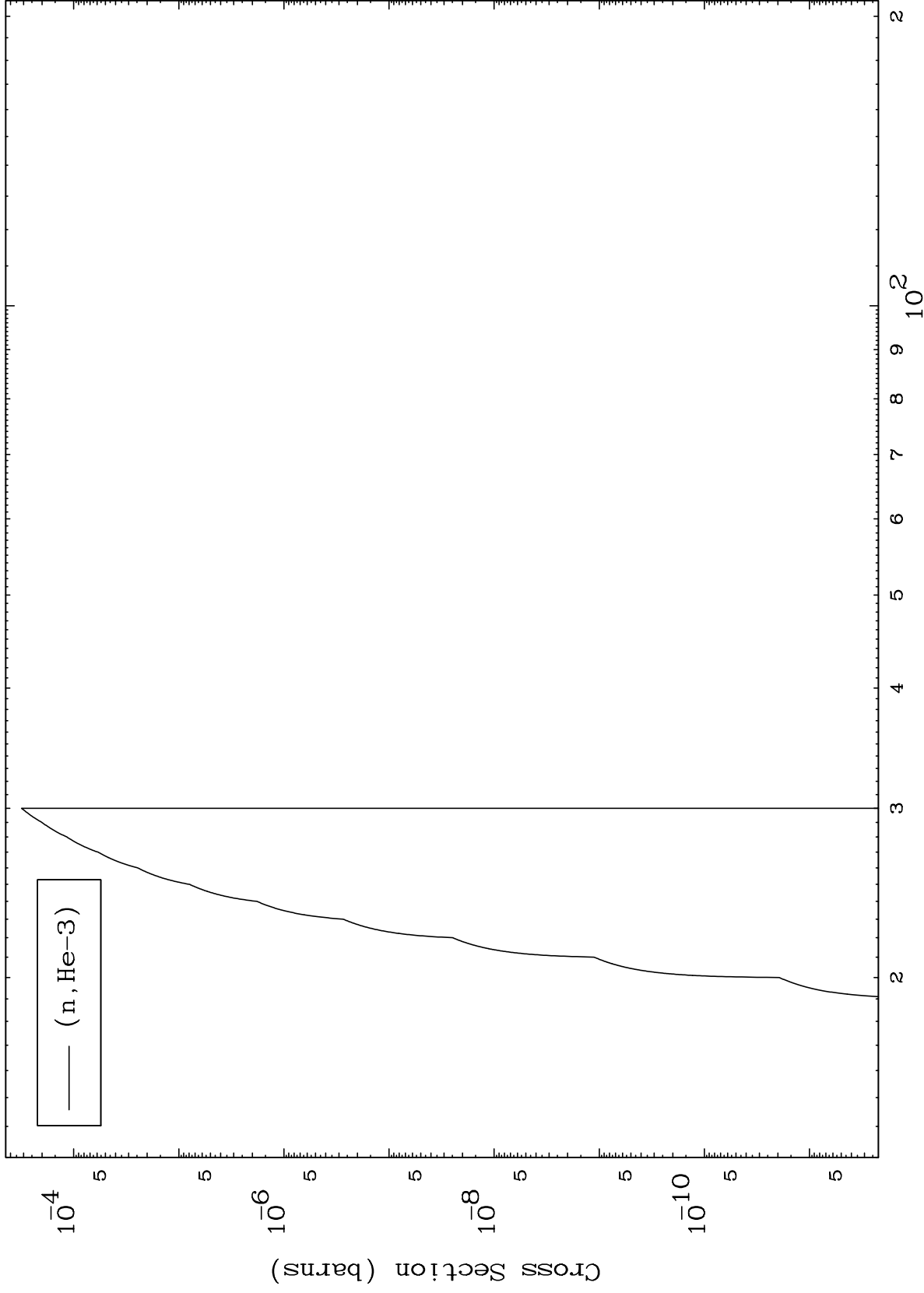
35-Br-83



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Incident Energy (MeV)

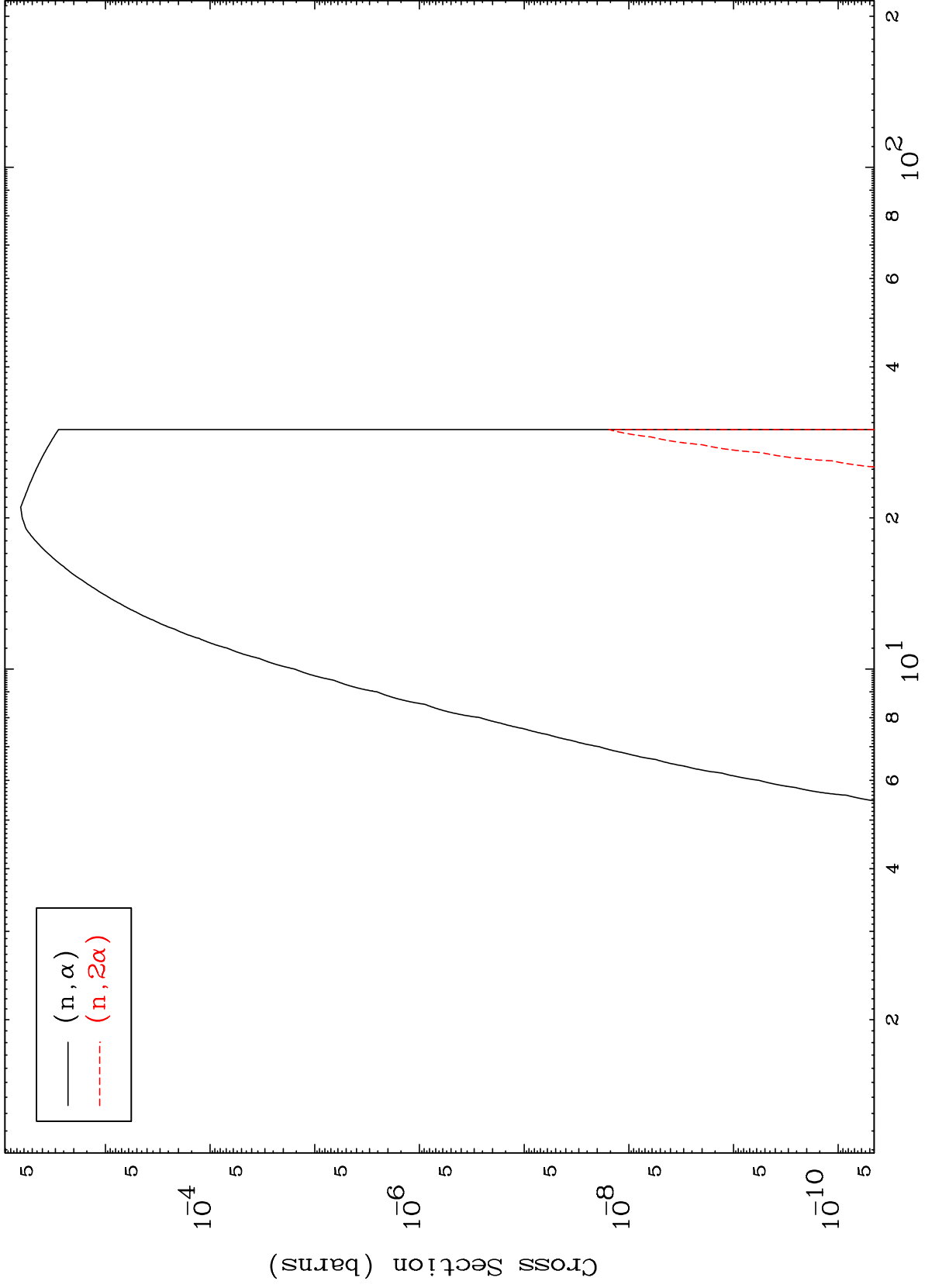
35-Br-83



MAT 3537

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

35-Br-83



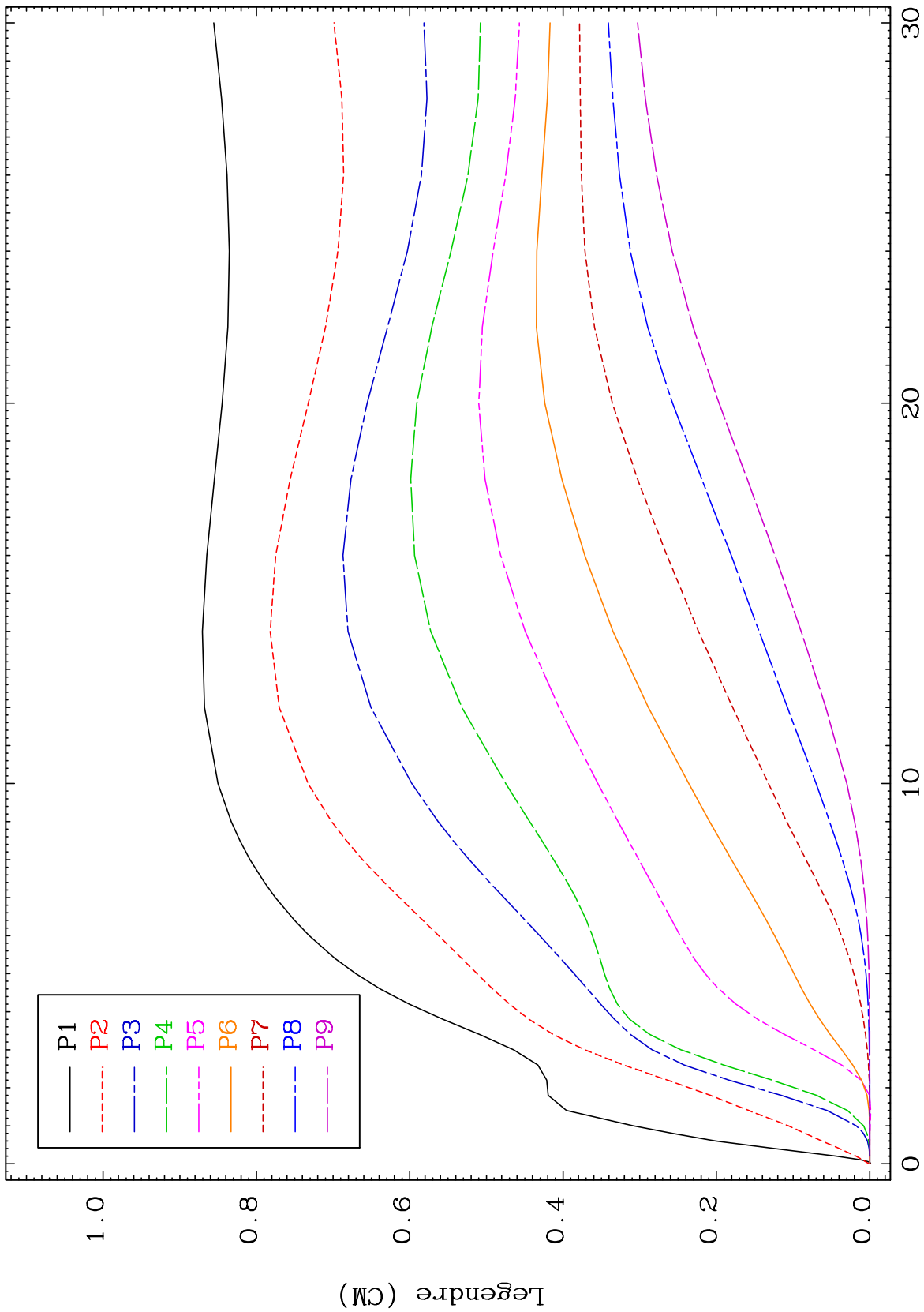
— (n,  $\alpha$ )  
- - - (n,  $2\alpha$ )



MAT 3537

Elastic Legendre Coefficients

<sup>35</sup>Br-83



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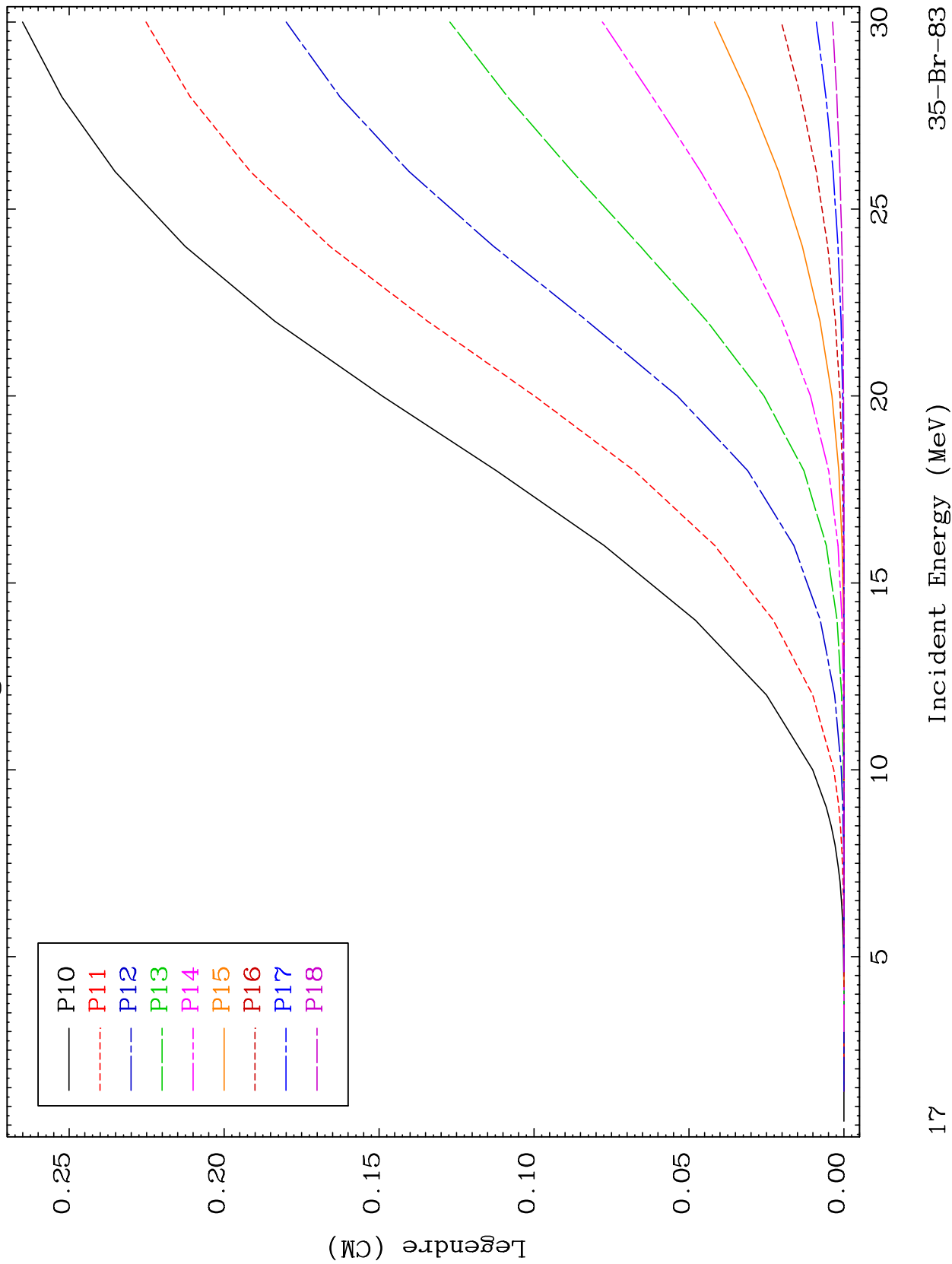
Incident Energy (MeV)

<sup>35</sup>Br-83

MAT 3537

### Elastic Legendre Coefficients

35-Br-83



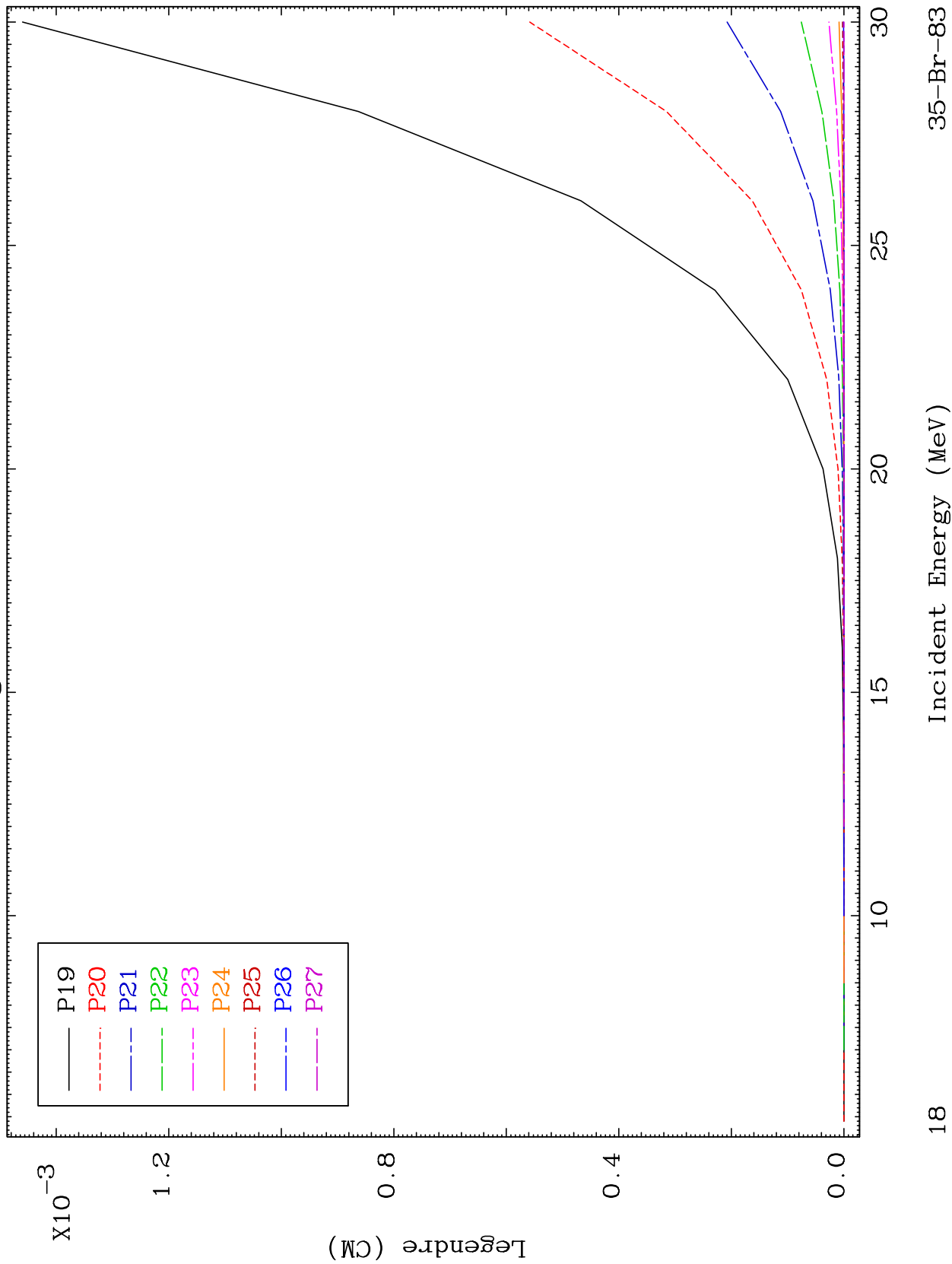
17

35-Br-83

MAT 3537

Elastic Legendre Coefficients

35-Br-83



18

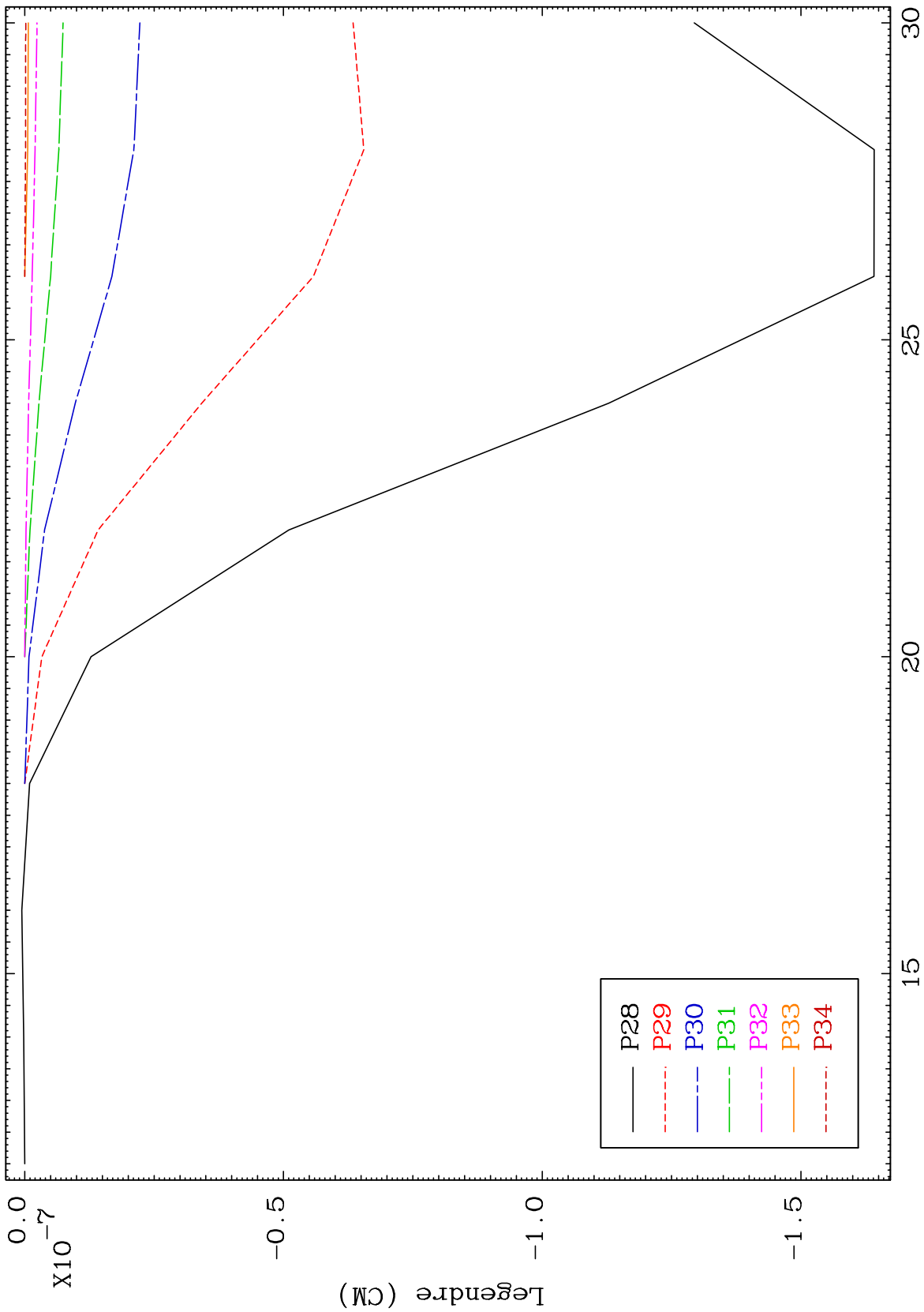
Incident Energy (MeV)

35-Br-83

MAT 3537

35-Br-83

Elastic Legendre Coefficients



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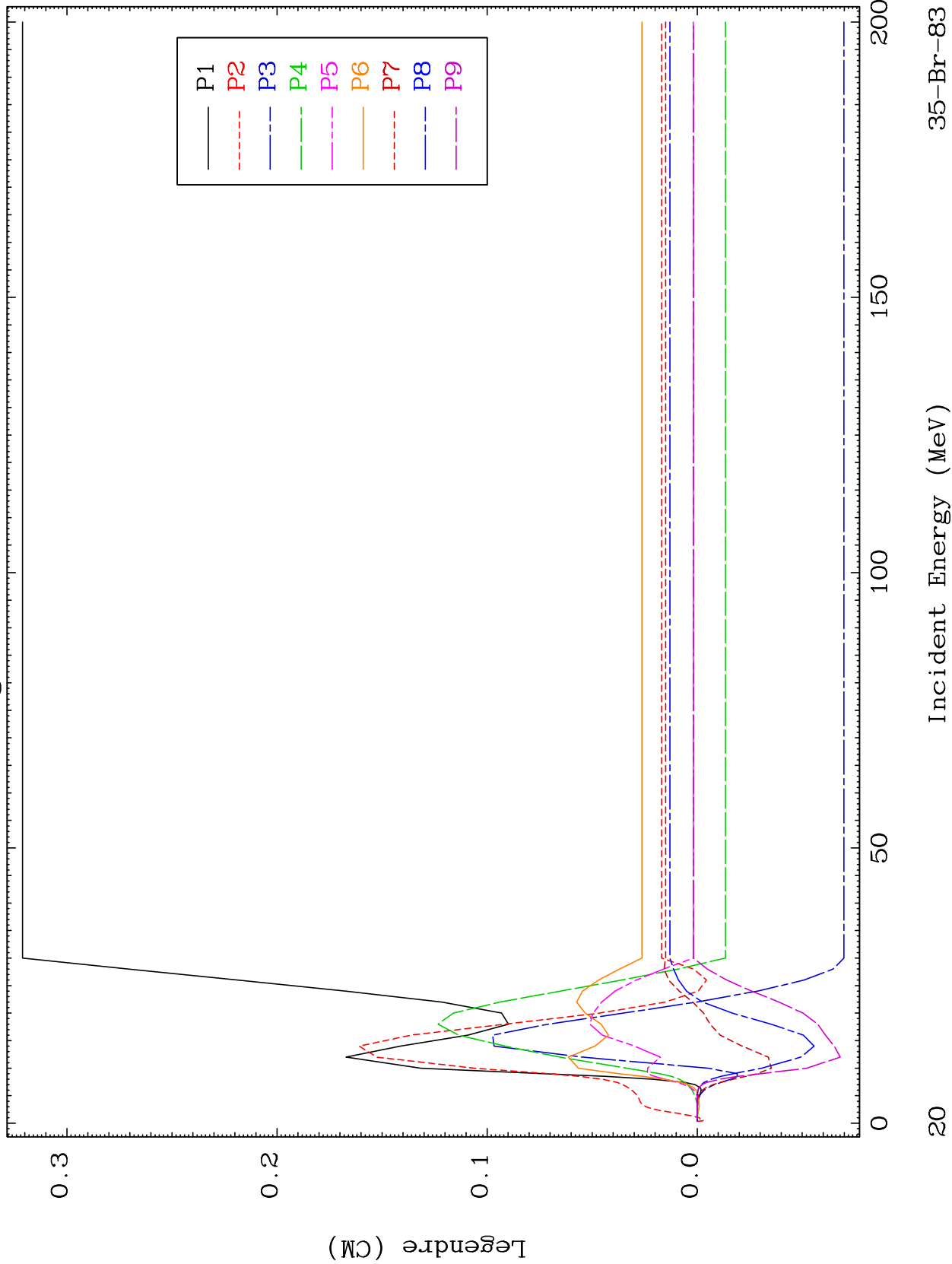
Incident Energy (MeV)

35-Br-83

MAT 3537

MT= 51 (n,n') Level  
Legendre Coefficients

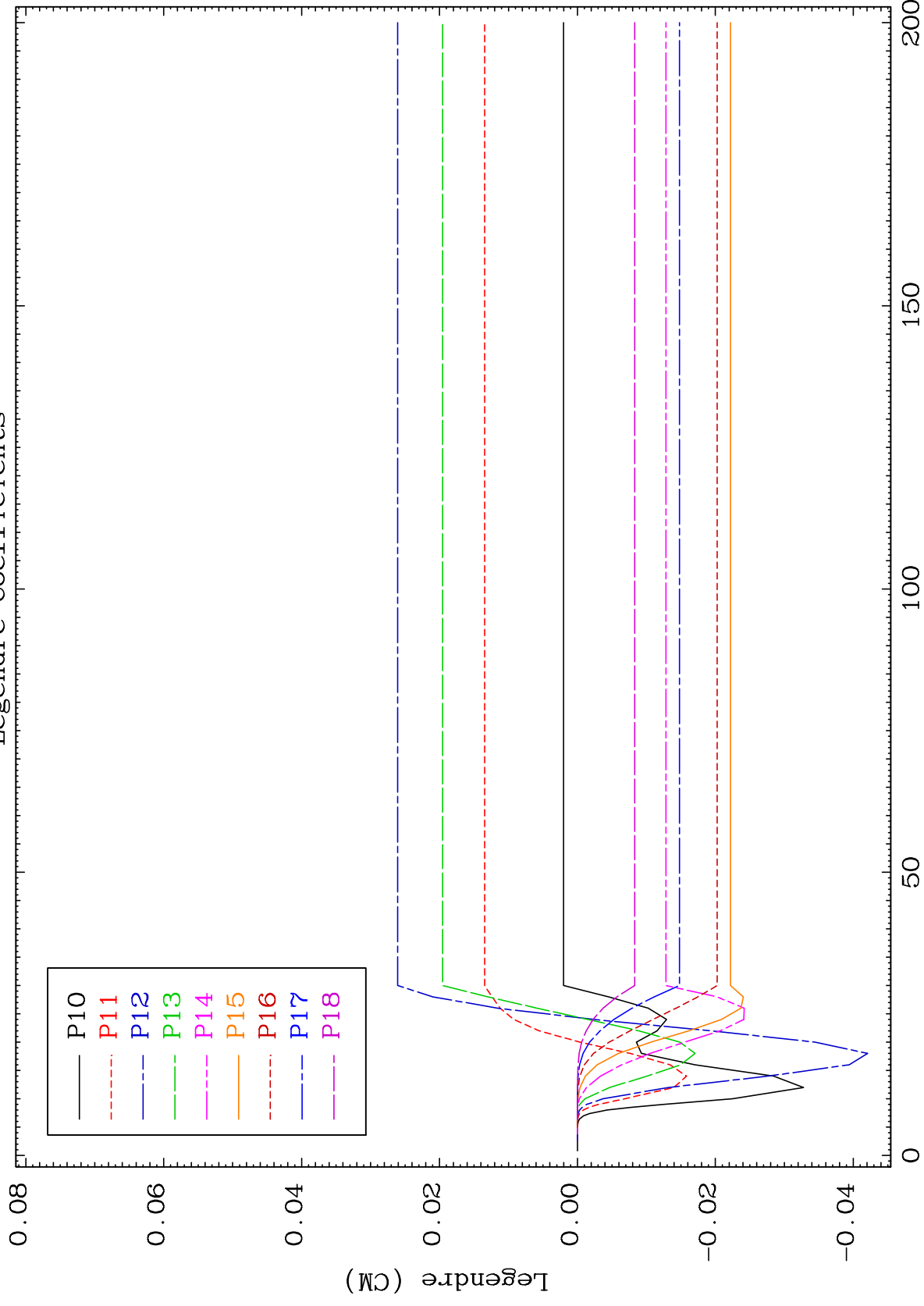
35-Br-83



MAT 3537

MT= 51 (n,n') Level  
Legendre Coefficients

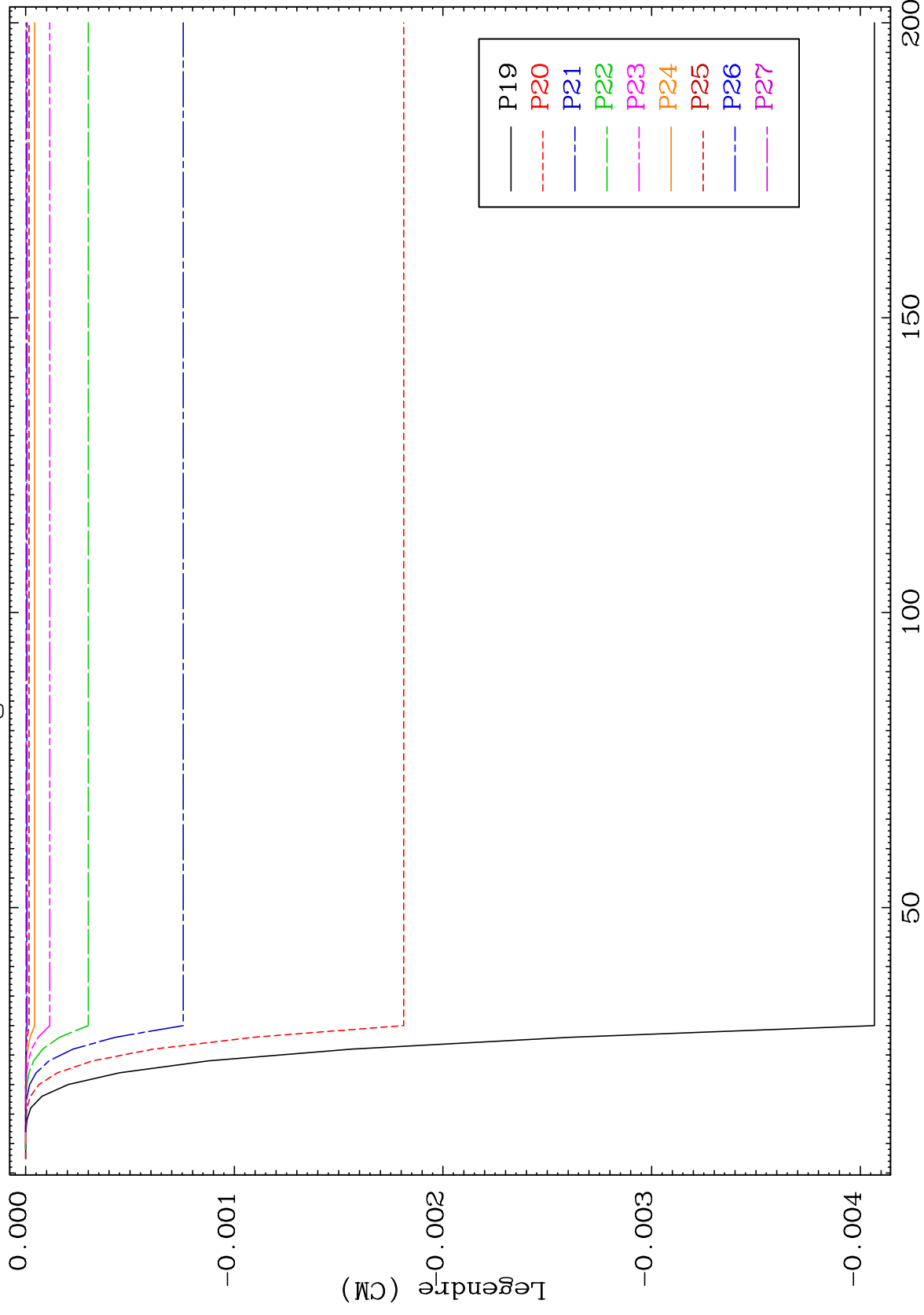
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21

Incident Energy (MeV)

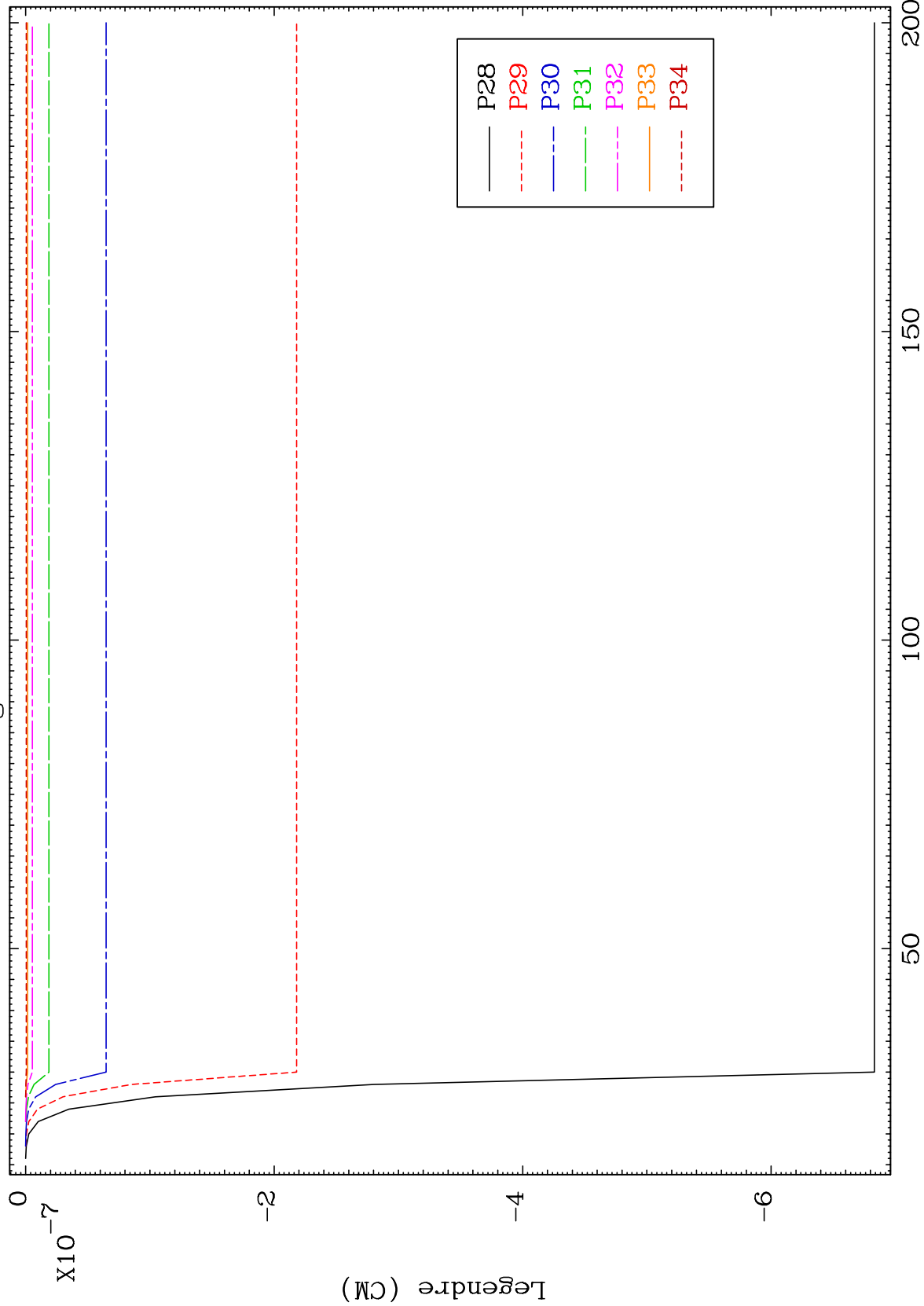
35-Br-83



MAT 3537

MT= 51 (n,n') Level  
Legendre Coefficients

35-Br-83



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Incident Energy (MeV)

35-Br-83

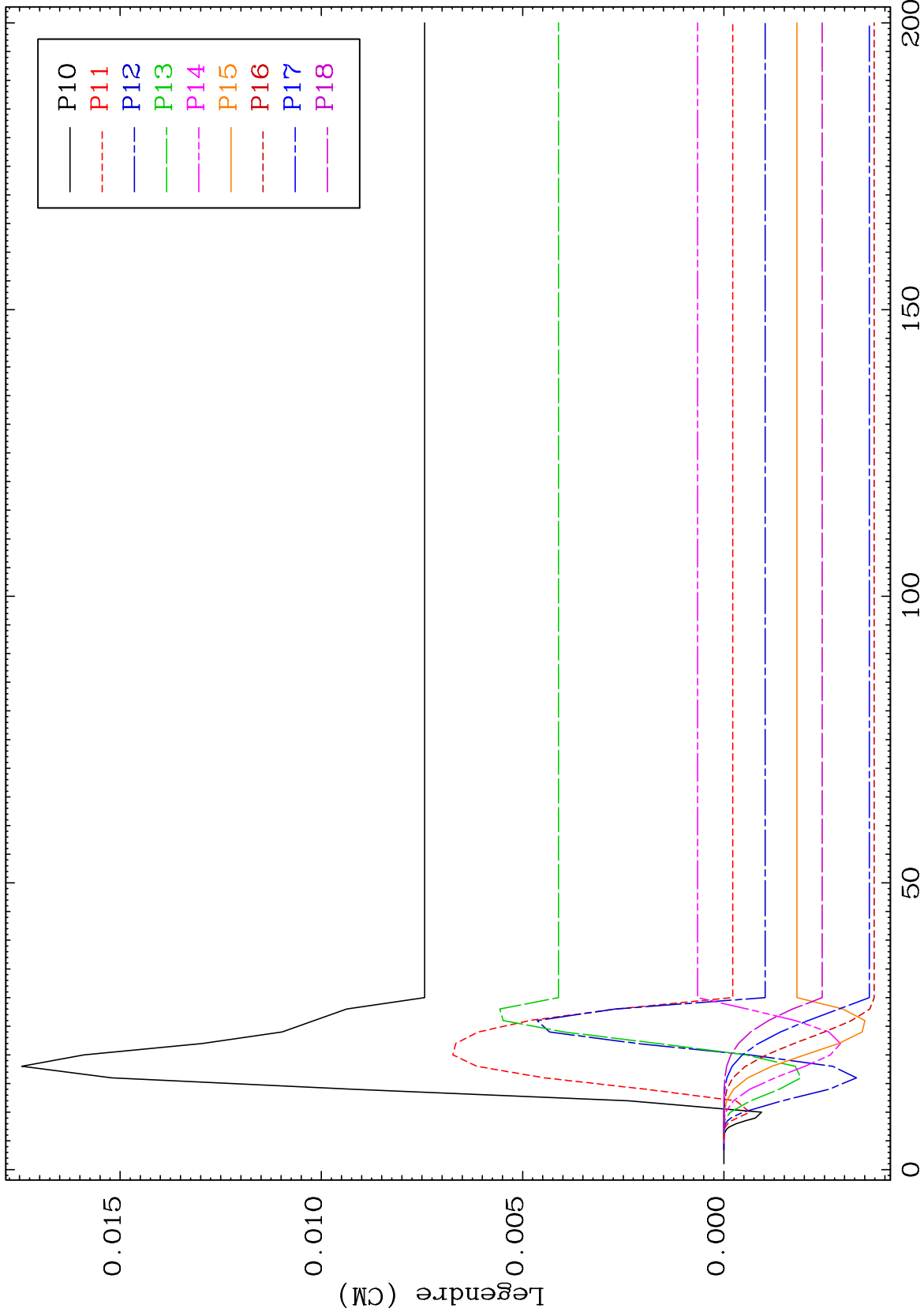




MAT 3537

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

35-Br-83



25

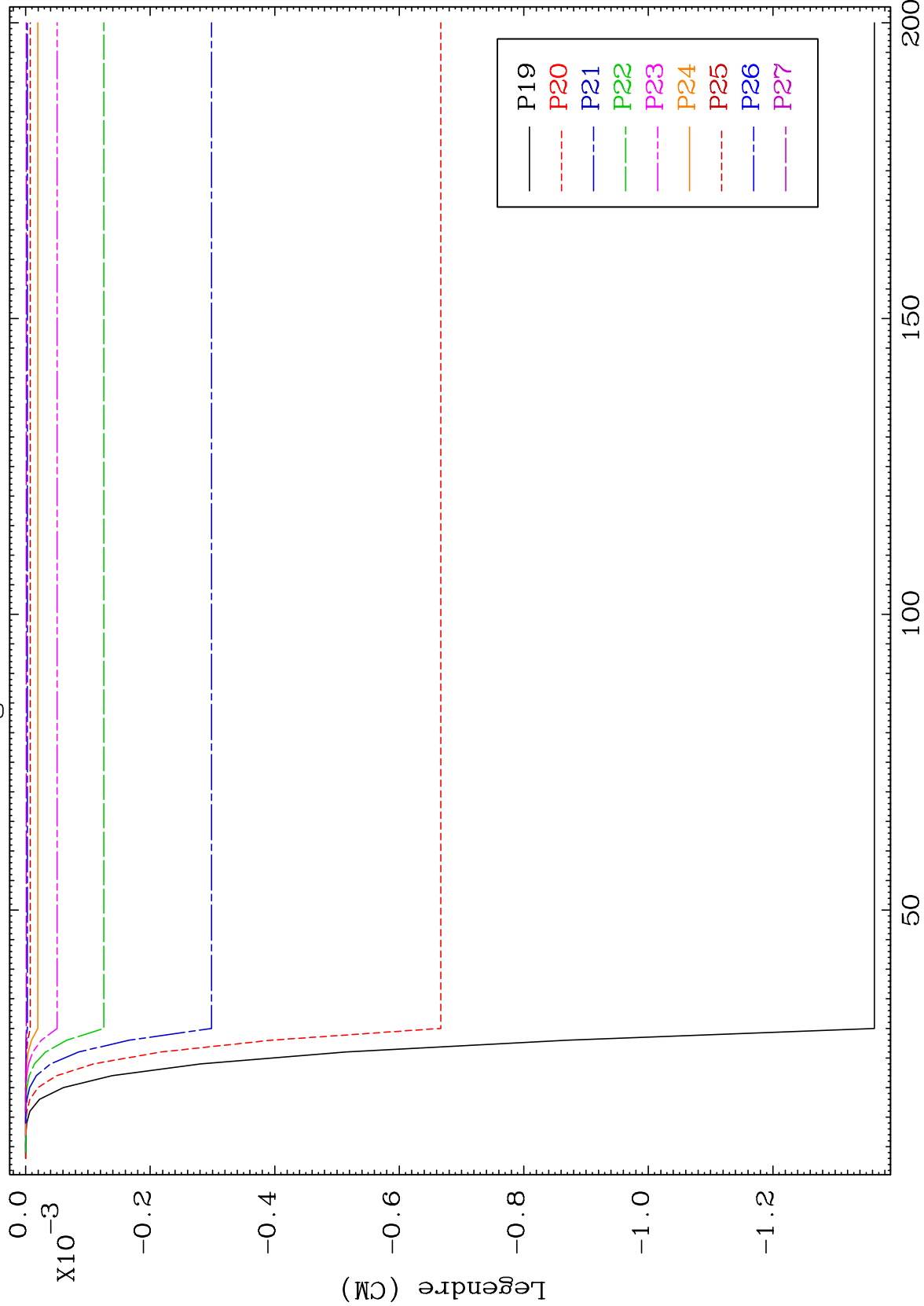
Incident Energy (MeV)

35-Br-83

MAT 3537

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

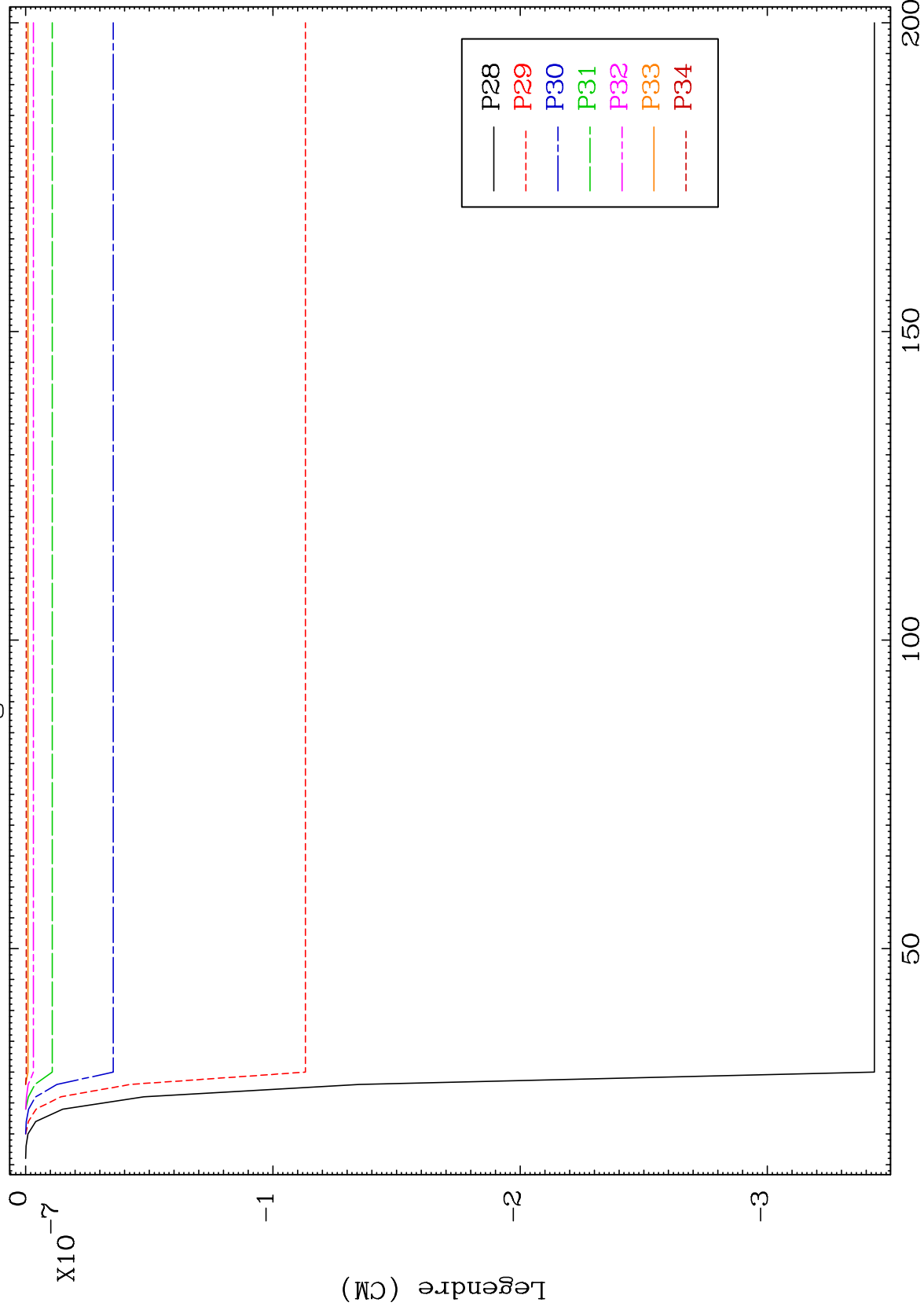
35-Br-83



MAT 3537

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

35-Br-83



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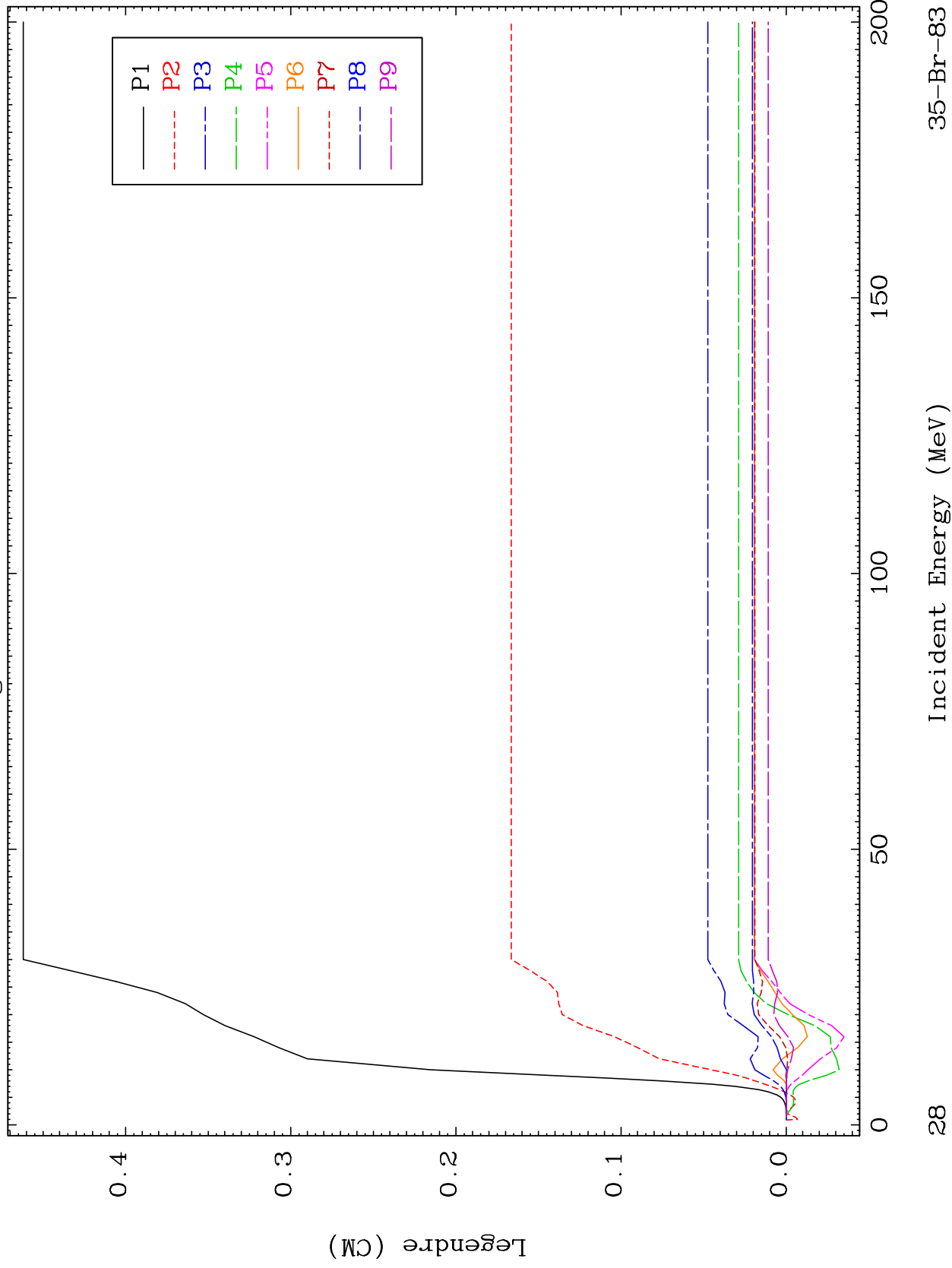
Incident Energy (MeV)

35-Br-83

MAT 3537

MT= 53 (n,n') Level  
Legendre Coefficients

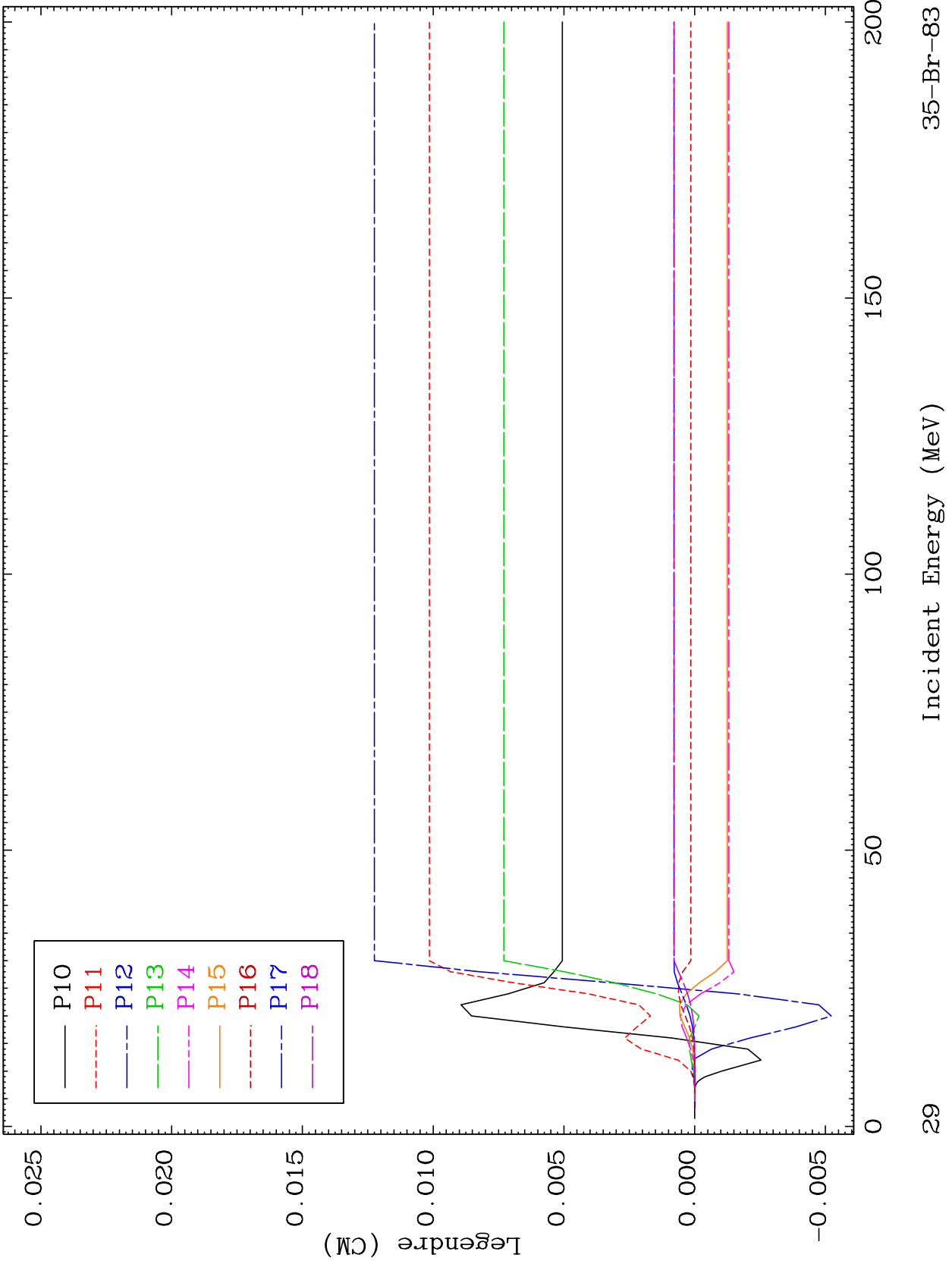
35-Br-83



35-Br-83

Incident Energy (MeV)

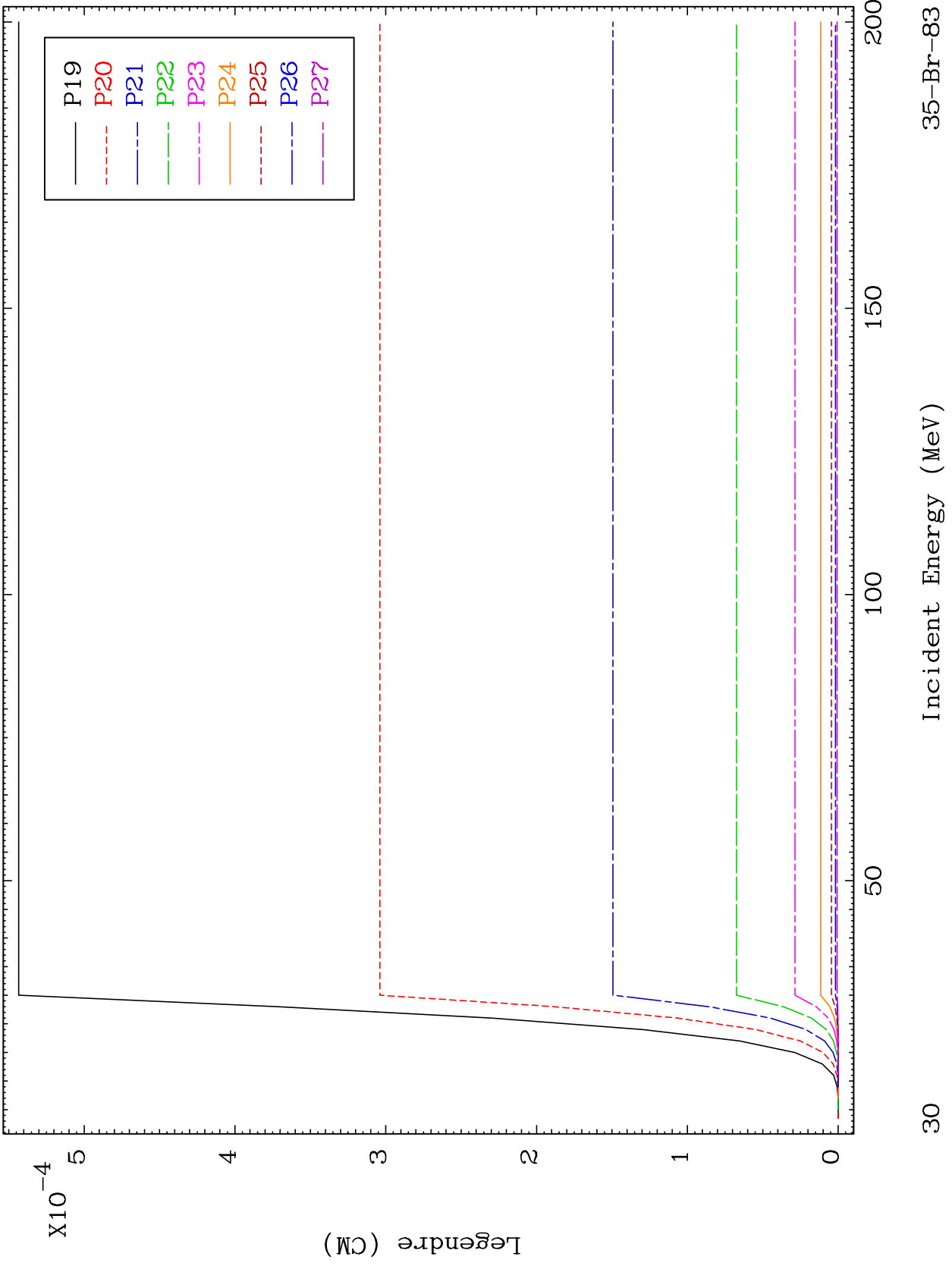
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MAT 3537

MT= 53 (n,n') Level  
Legendre Coefficients

35-Br-83



35-Br-83

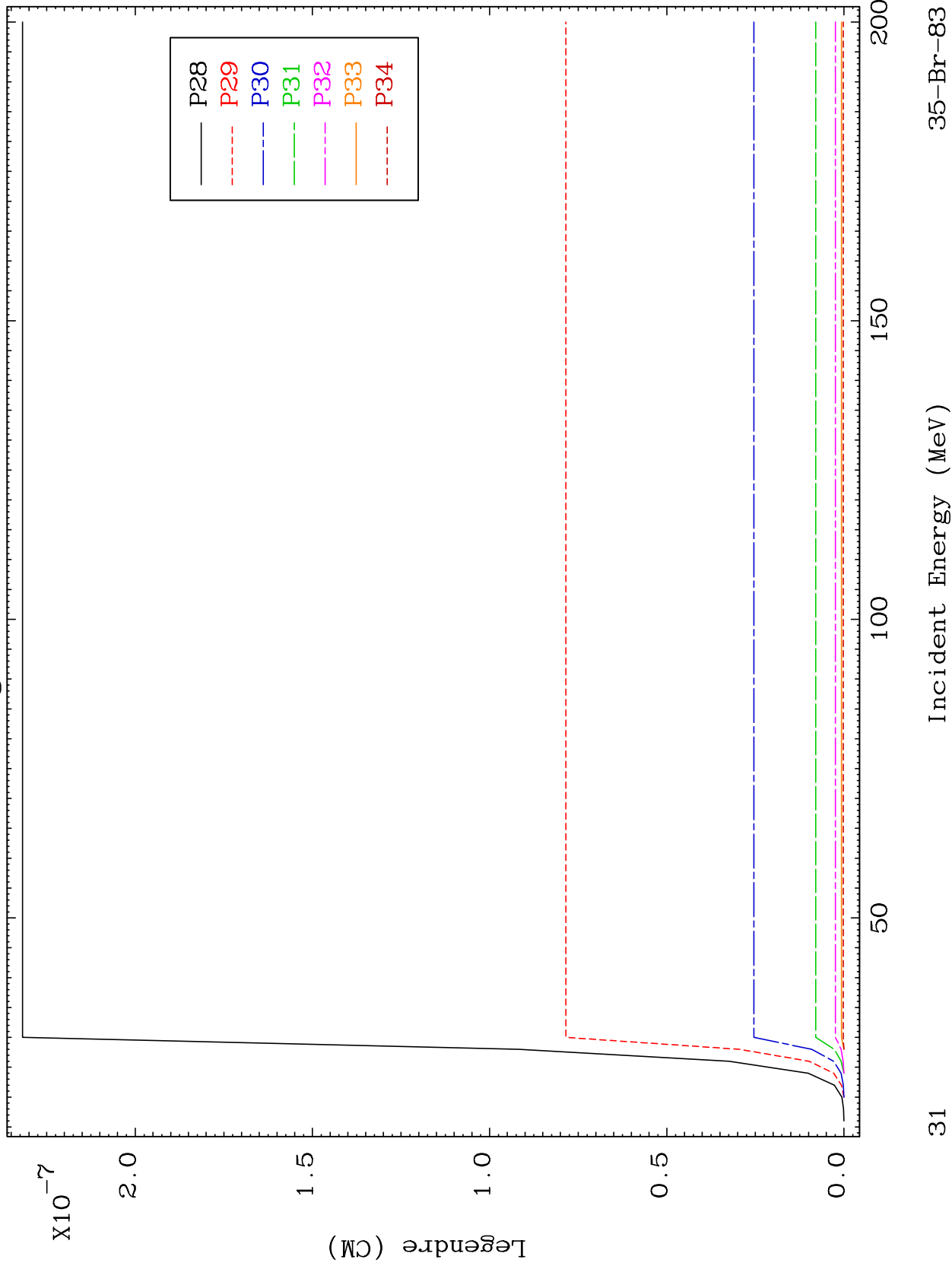
Incident Energy (MeV)

30

MAT 3537

MT= 53 (n,n') Level  
Legendre Coefficients

35-Br-83



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Incident Energy (MeV)

35-Br-83

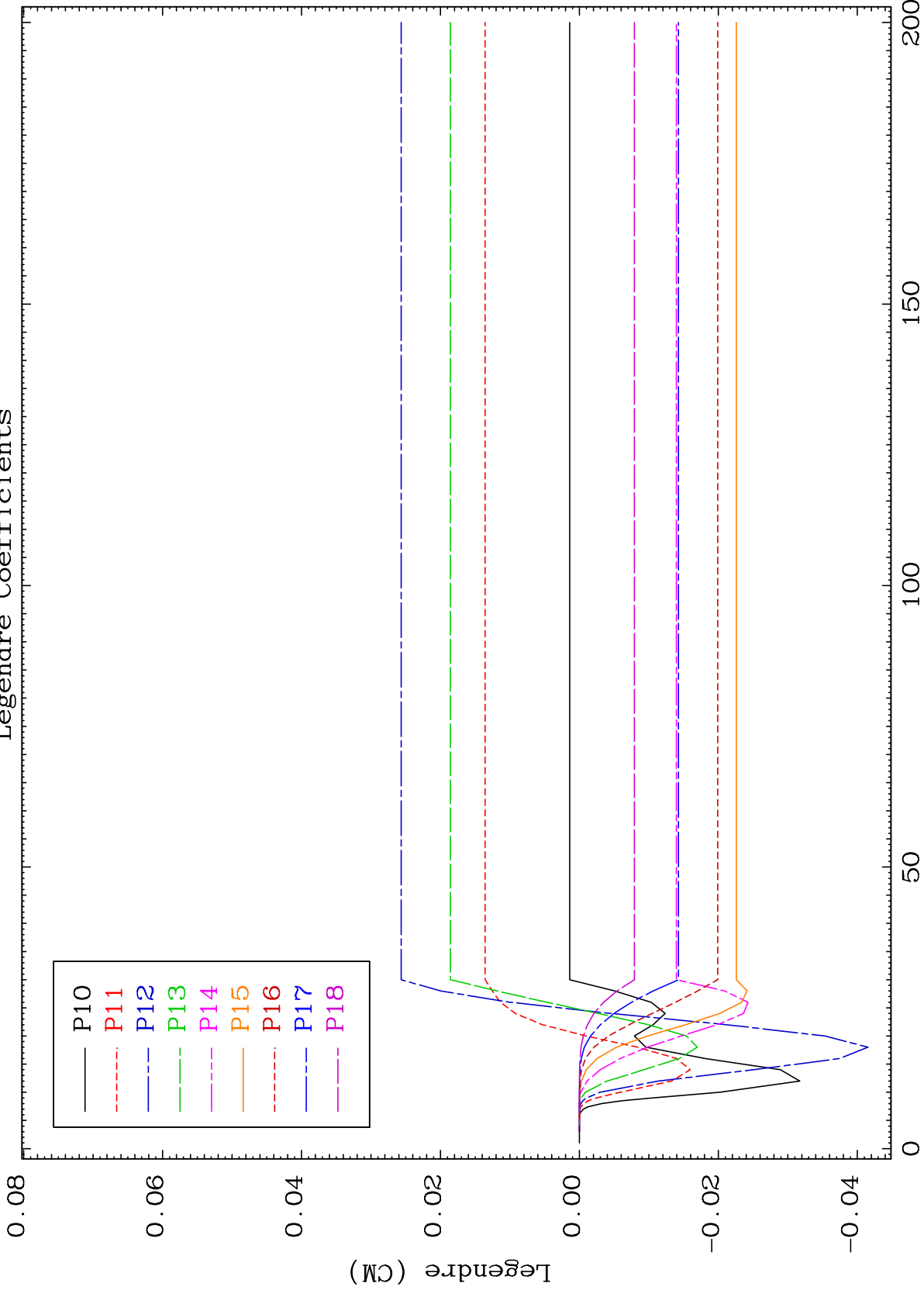




MAT 3537

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

35-Br-83



33

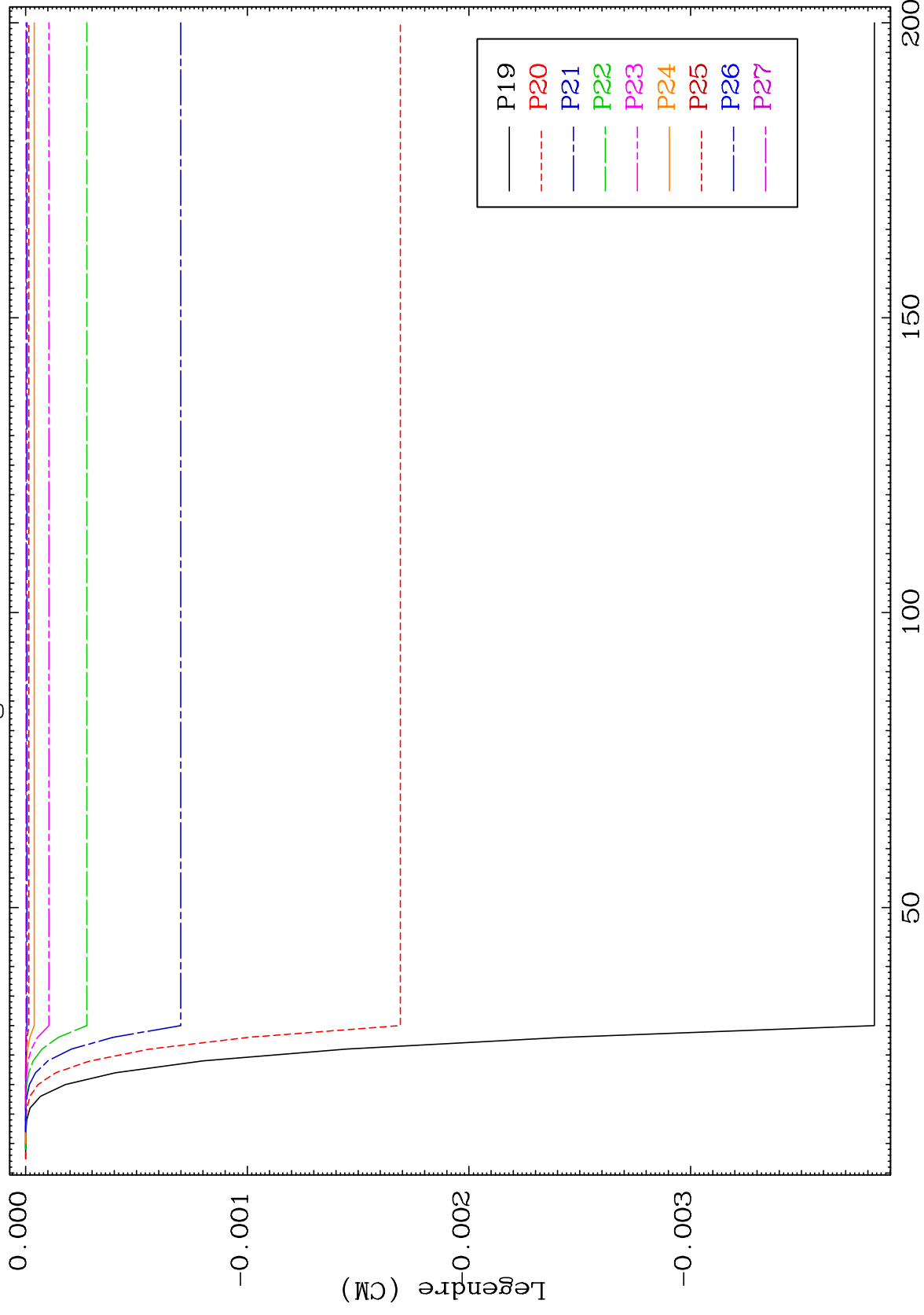
Incident Energy (MeV)

35-Br-83

MAT 3537

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

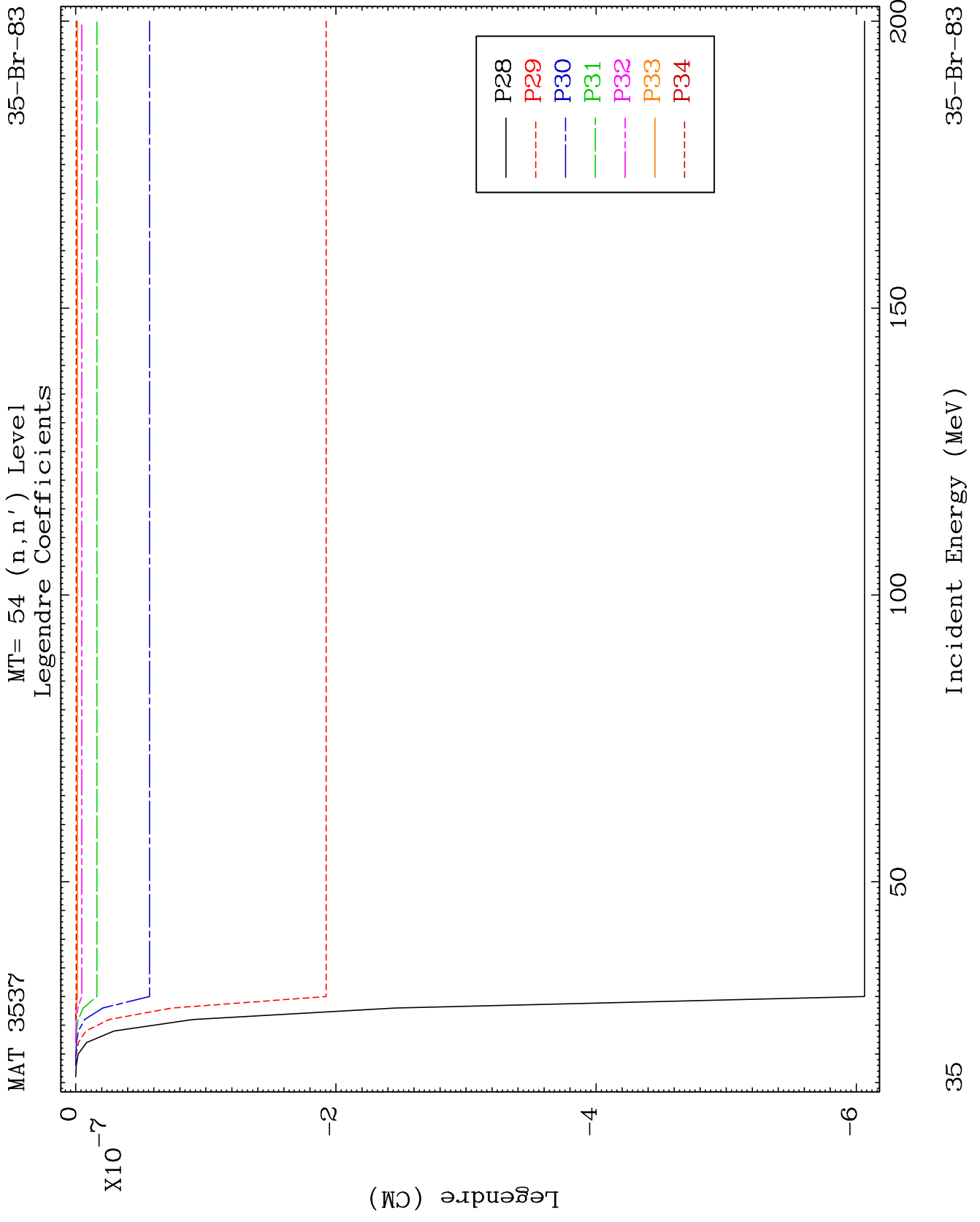
35-Br-83



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Incident Energy (MeV)

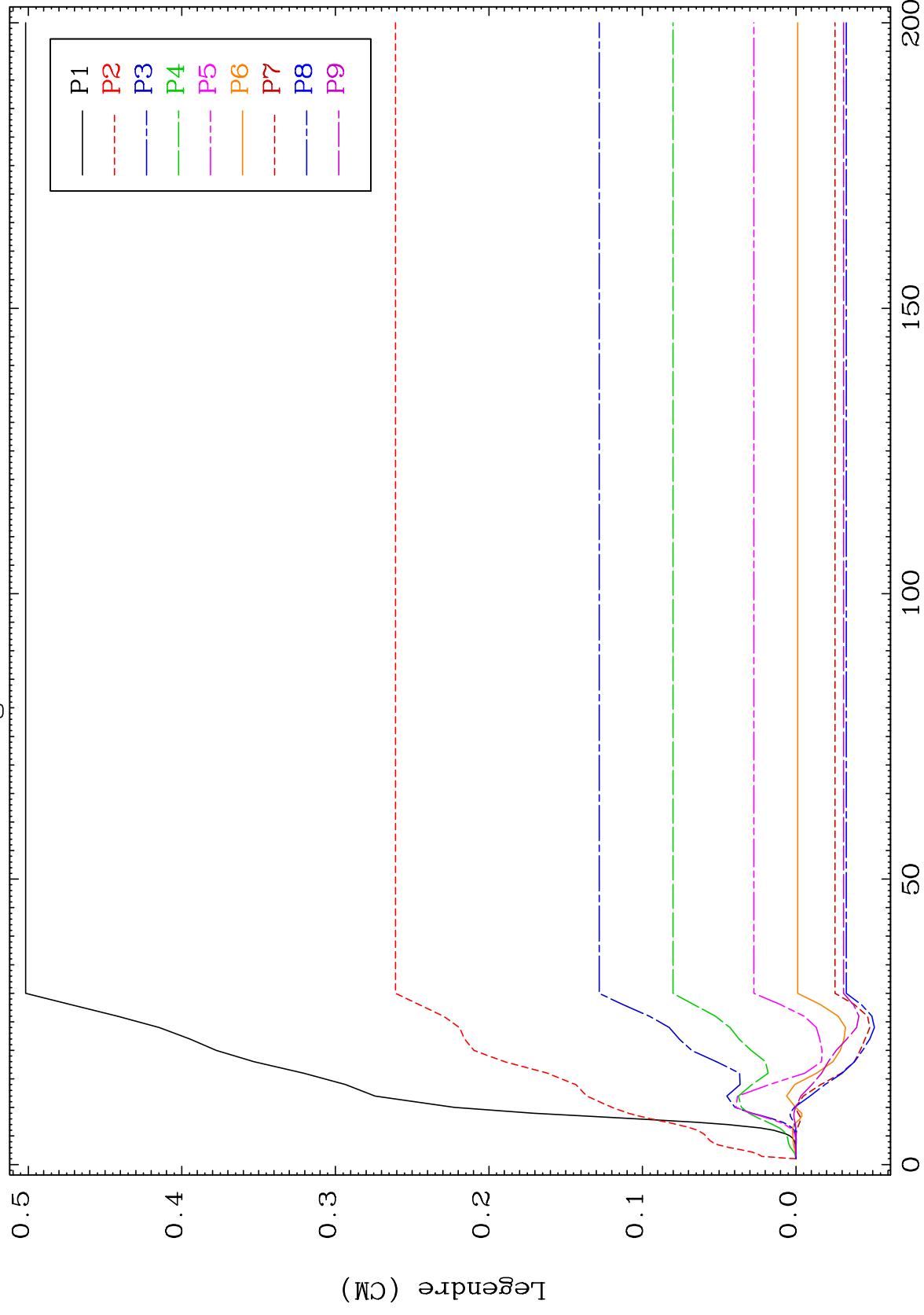
35-Br-83



MAT 3537

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

35-Br-83



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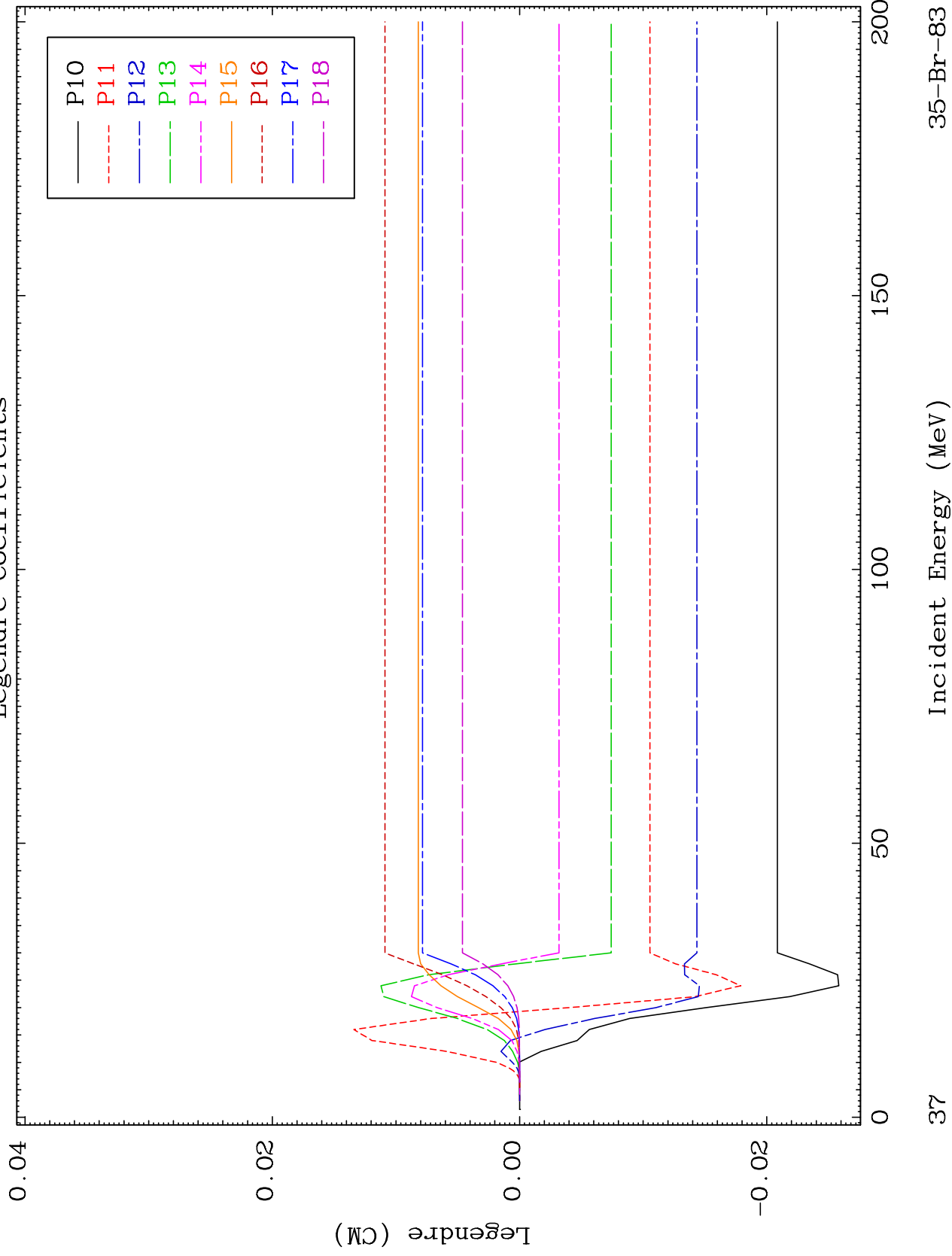
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



37

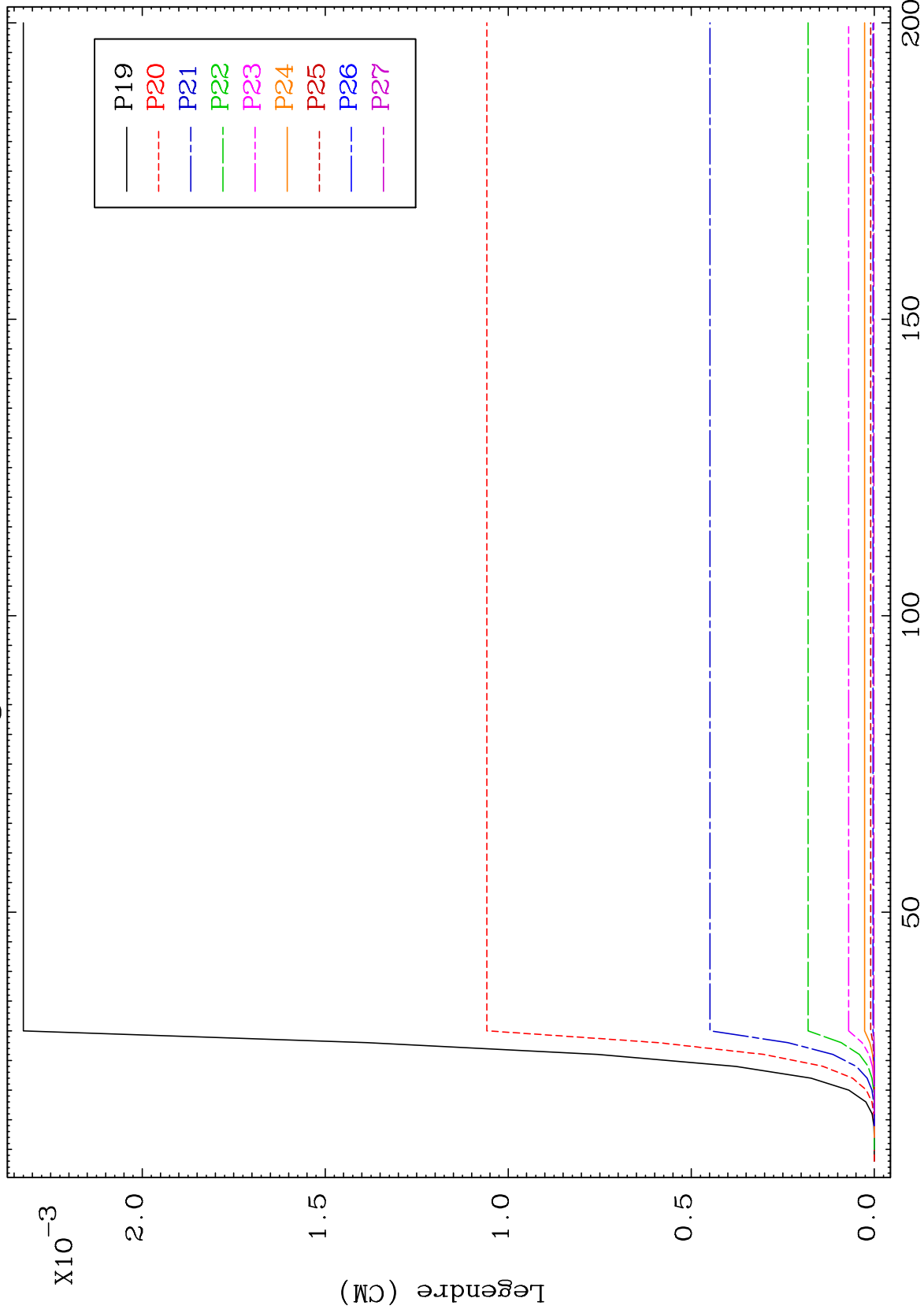
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



38

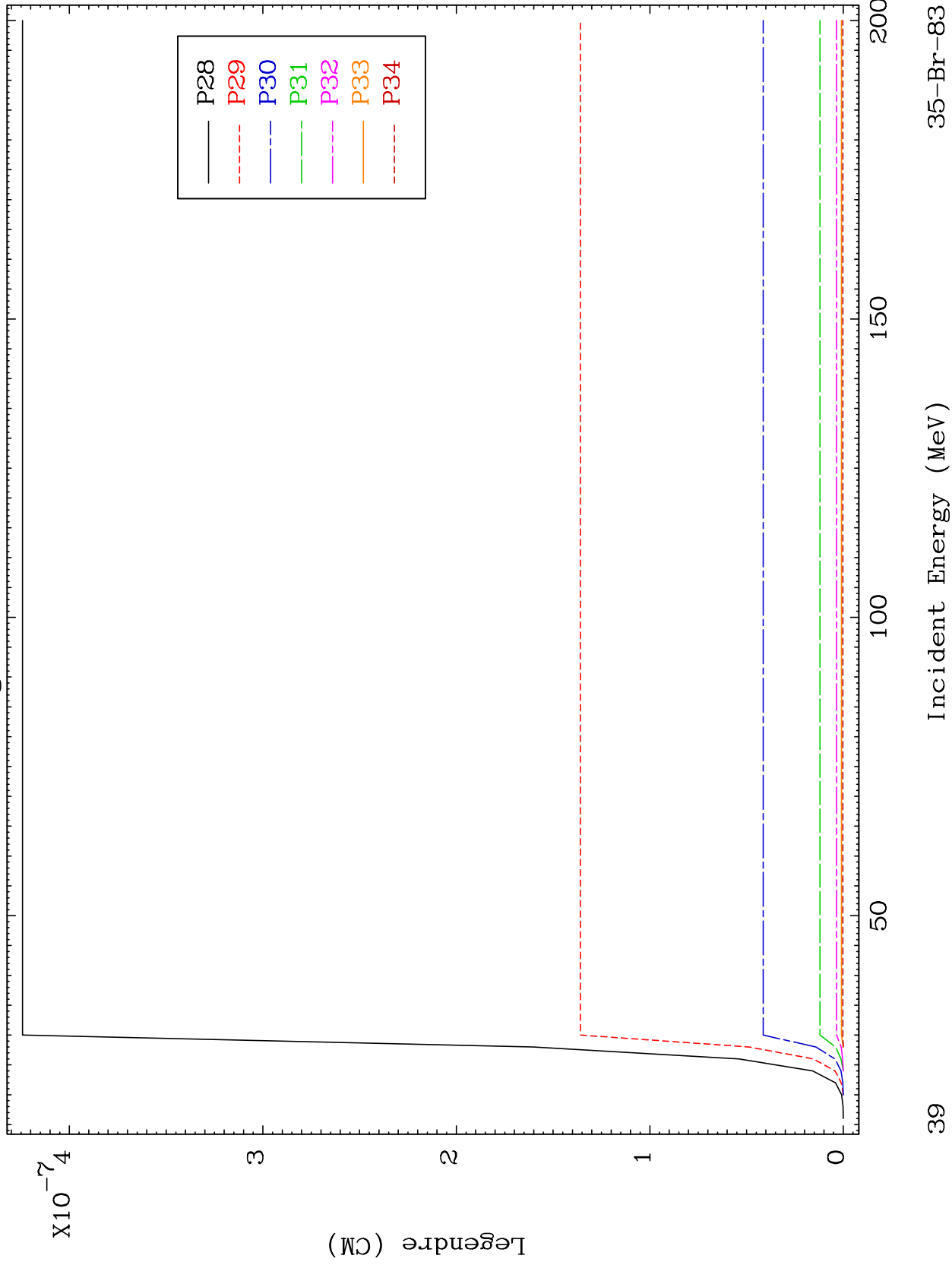
Incident Energy (MeV)

35-Br-83

MAT 3537

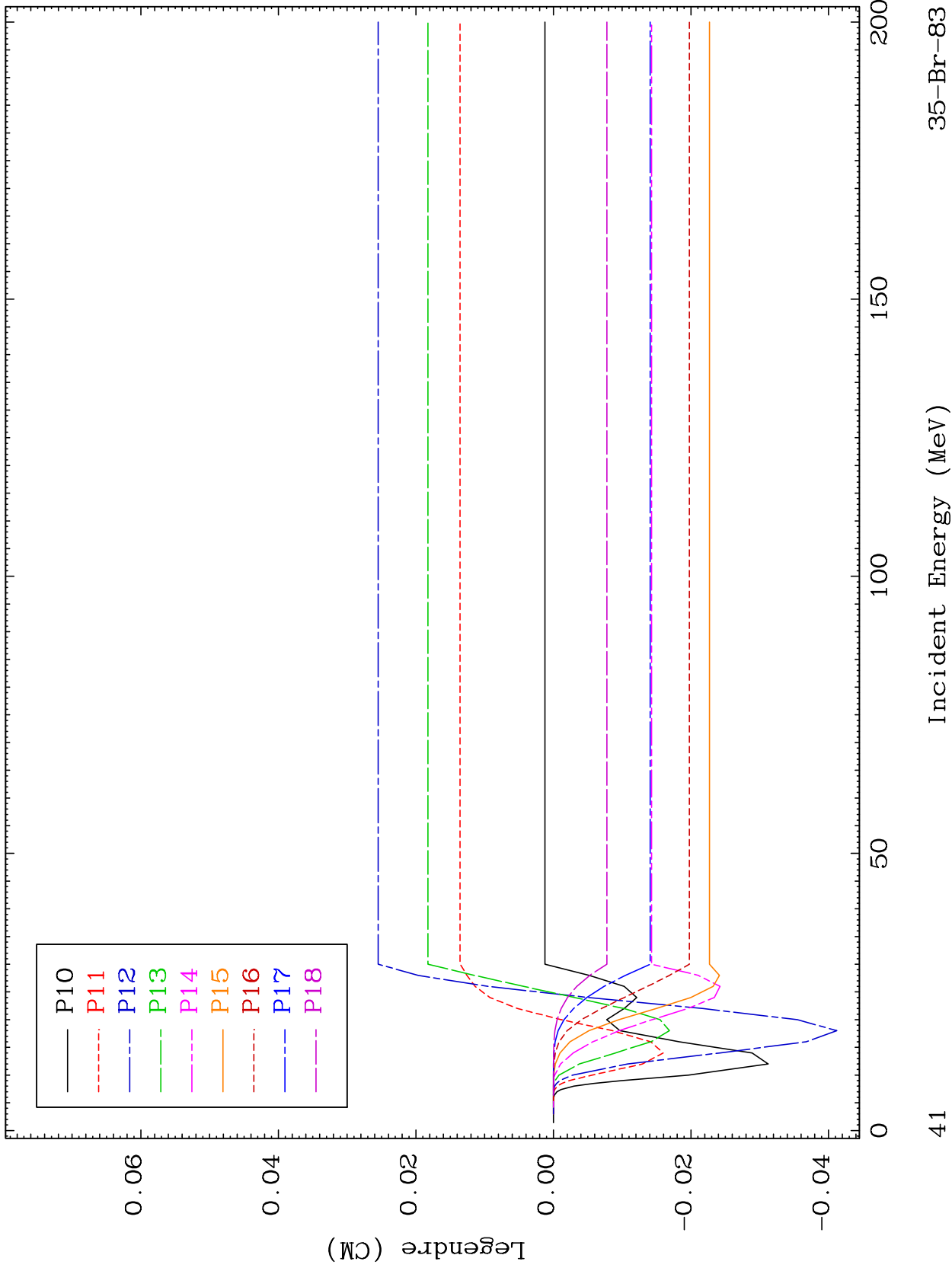
MT= 55 (n,n') Level  
Legendre Coefficients

35-Br-83





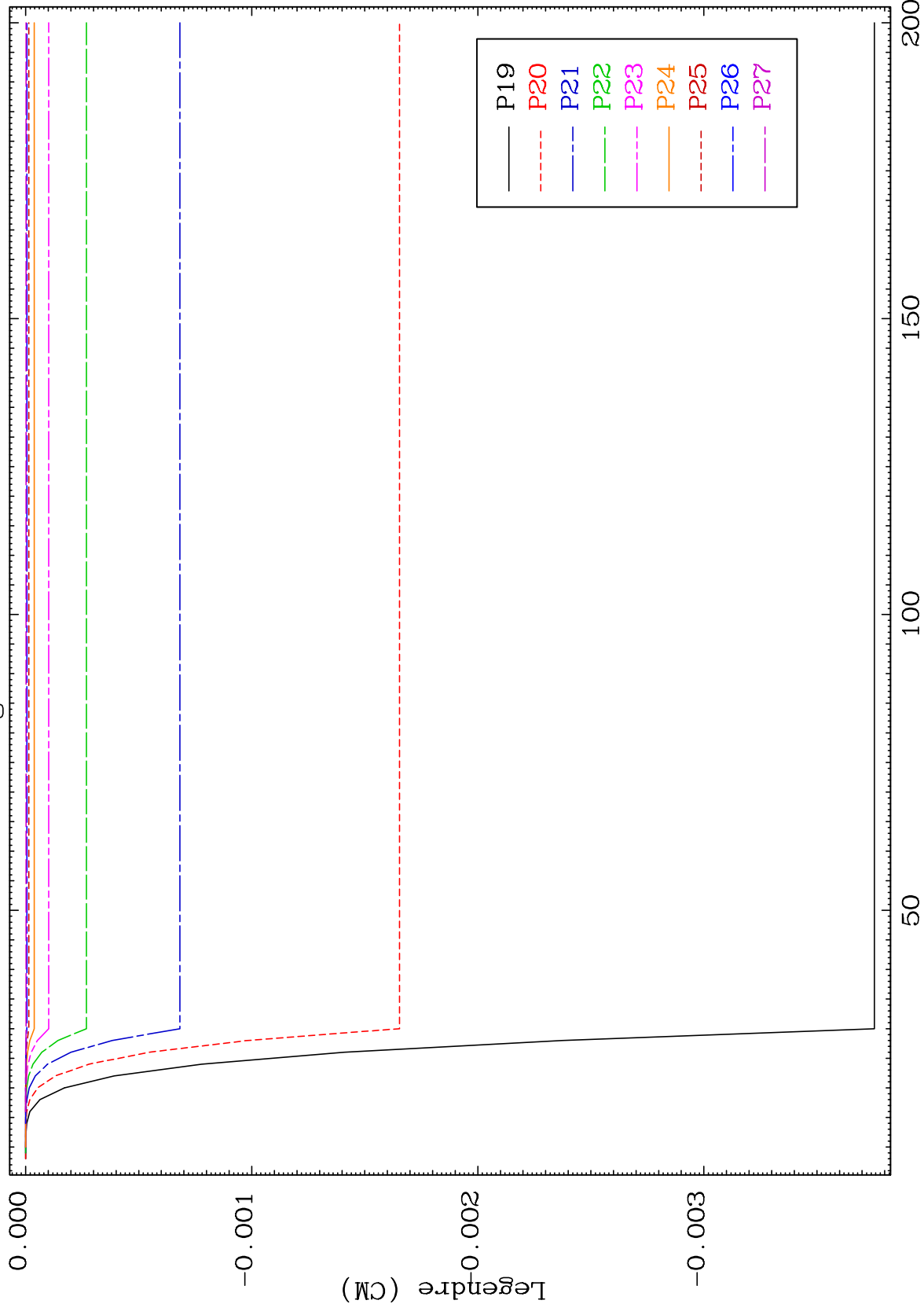


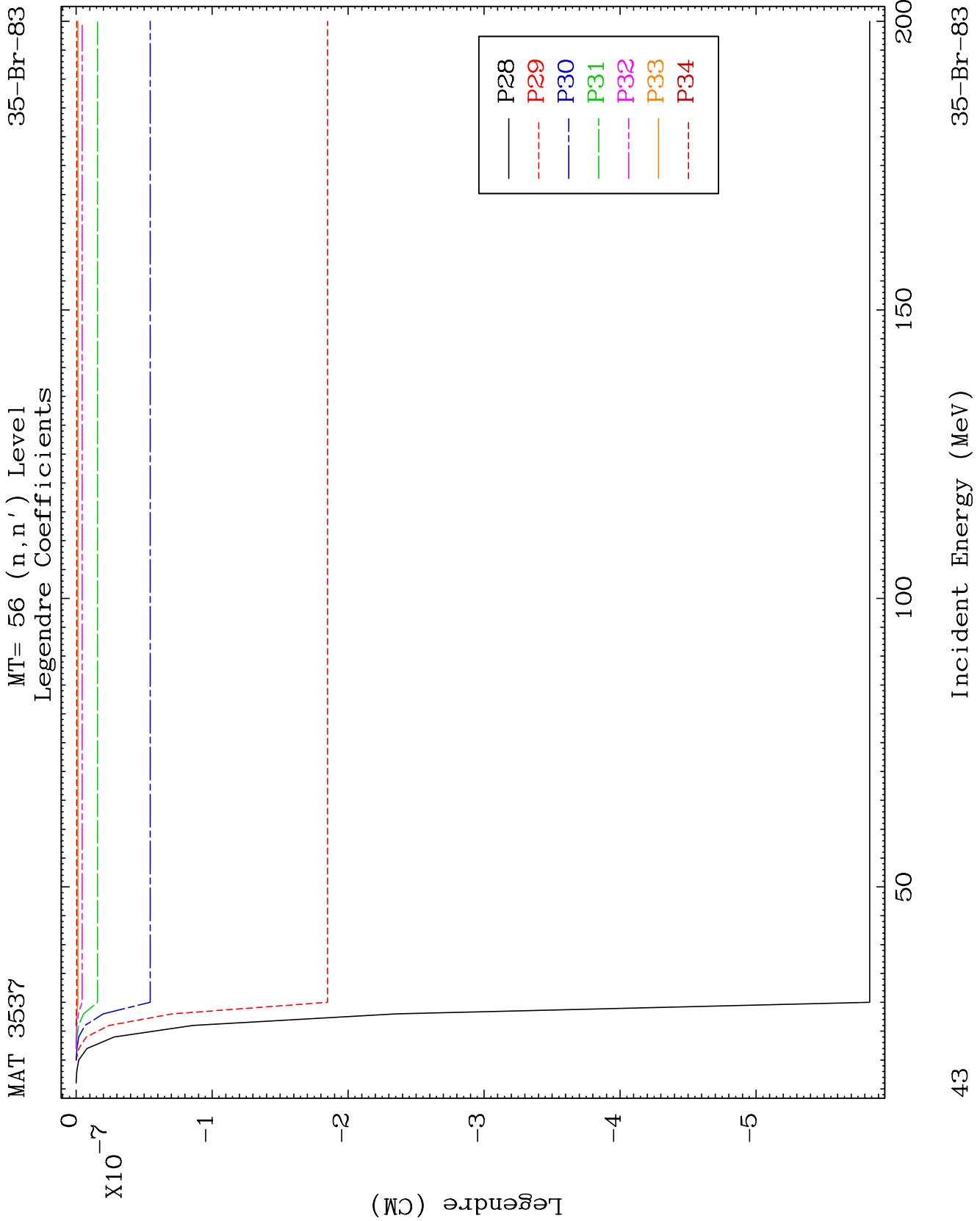


MAT 3537

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

35-Br-83

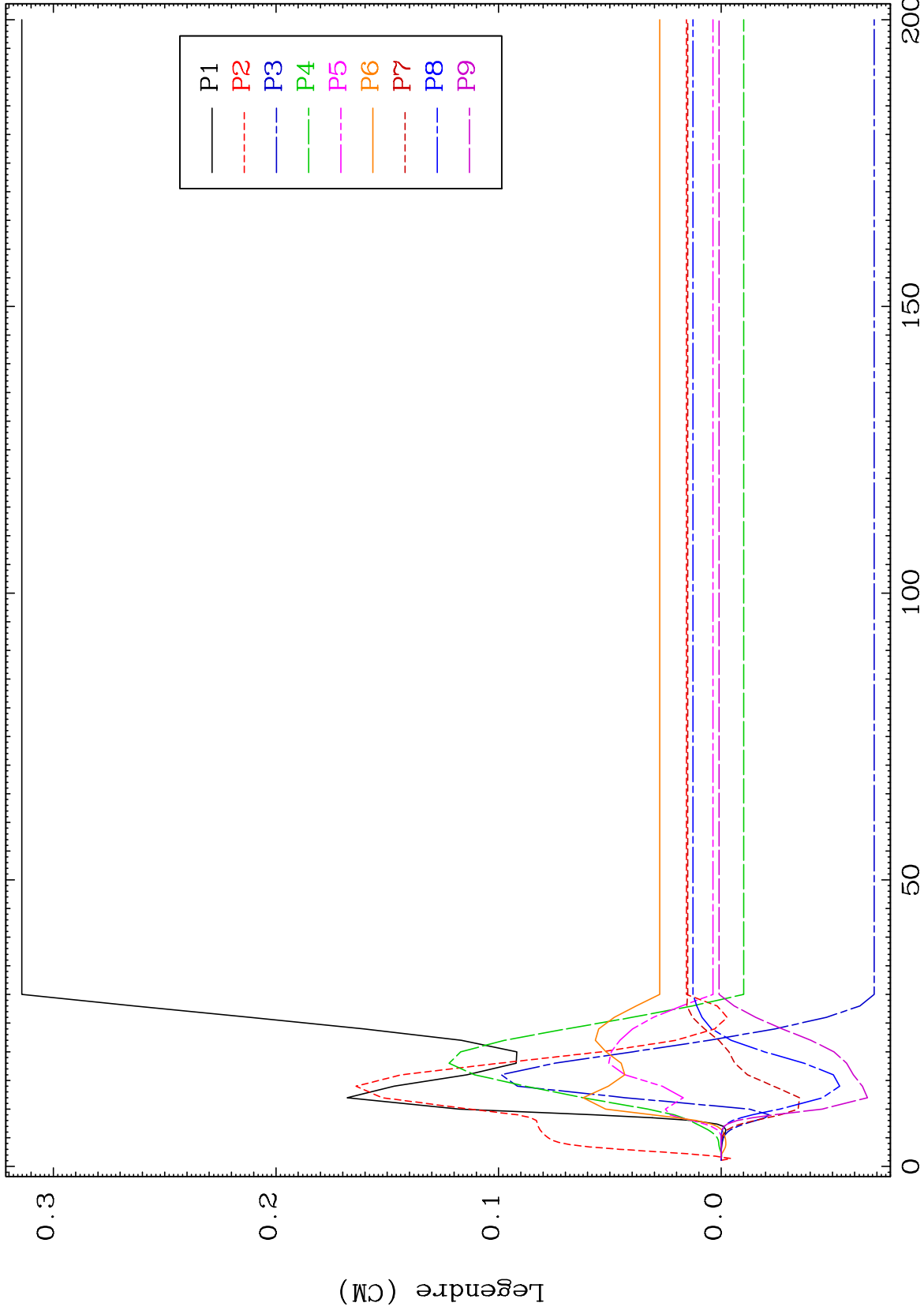




MAT 3537

MT= 57 (n,n') Level  
Legendre Coefficients

35-Br-83



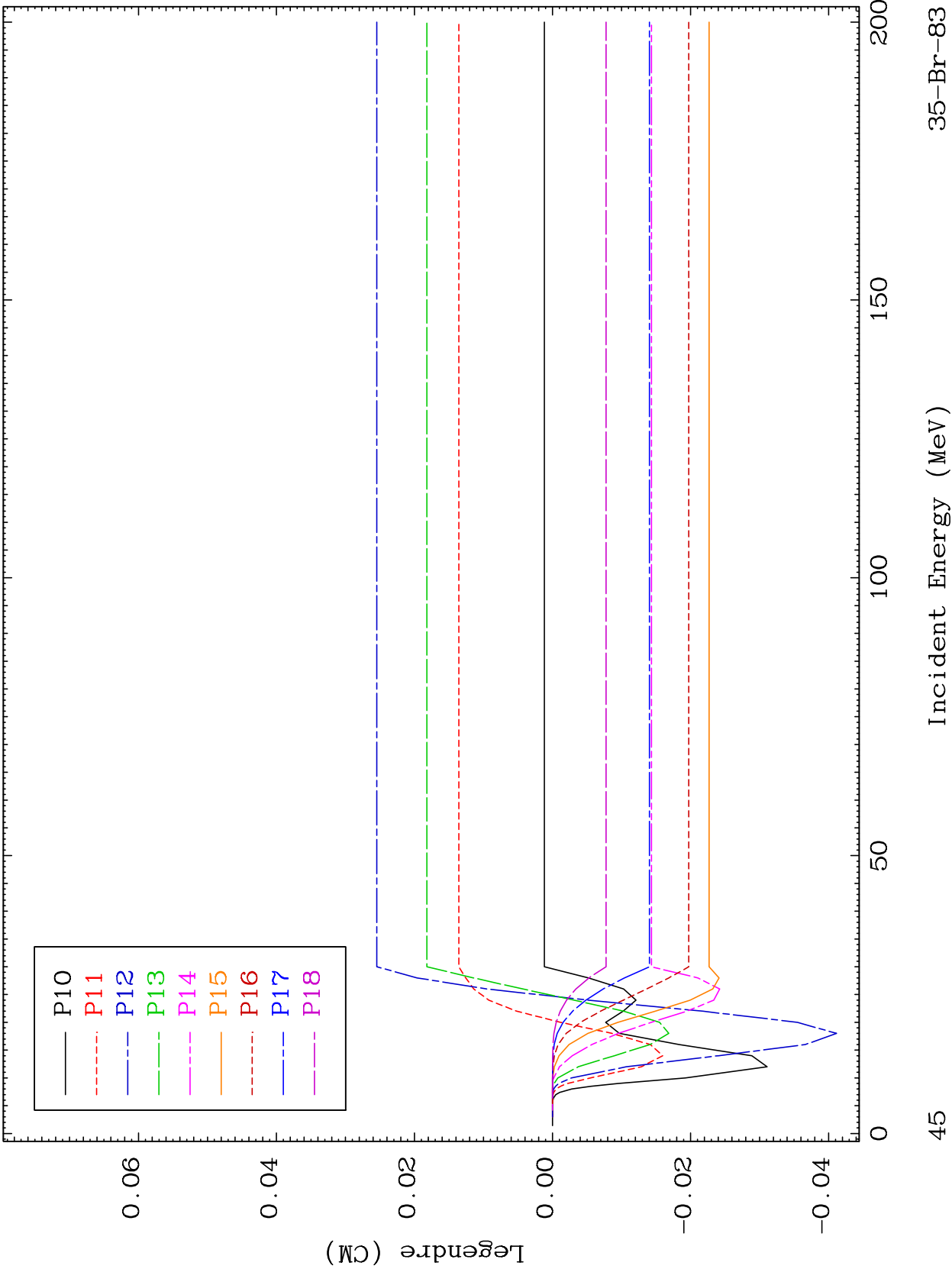
44

35-Br-83

MAT 3537

MT= 57 (n,n') Level  
Legendre Coefficients

35-Br-83



35-Br-83

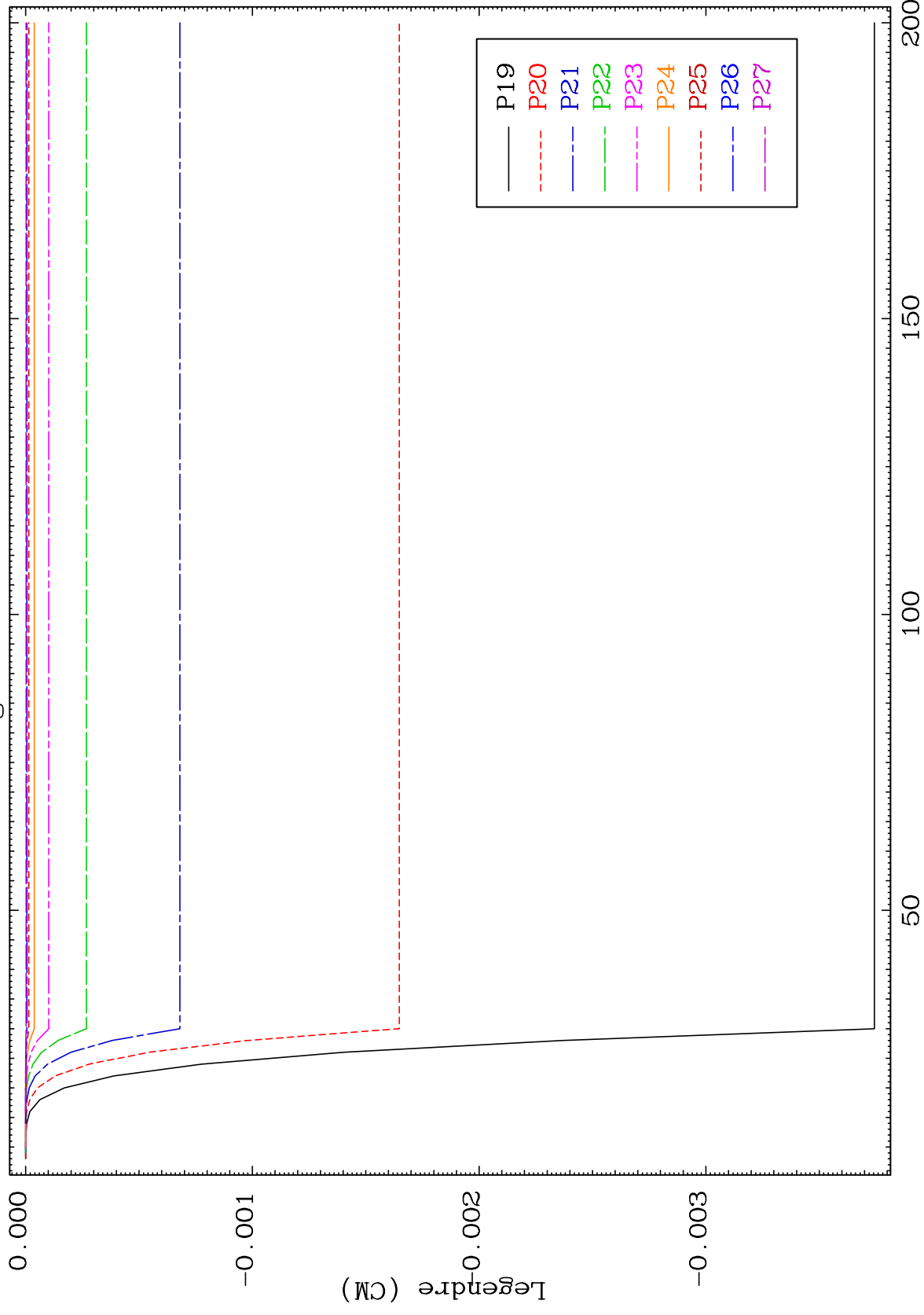
Incident Energy (MeV)

45

MAT 3537

MT= 57 (n,n') Level  
Legendre Coefficients

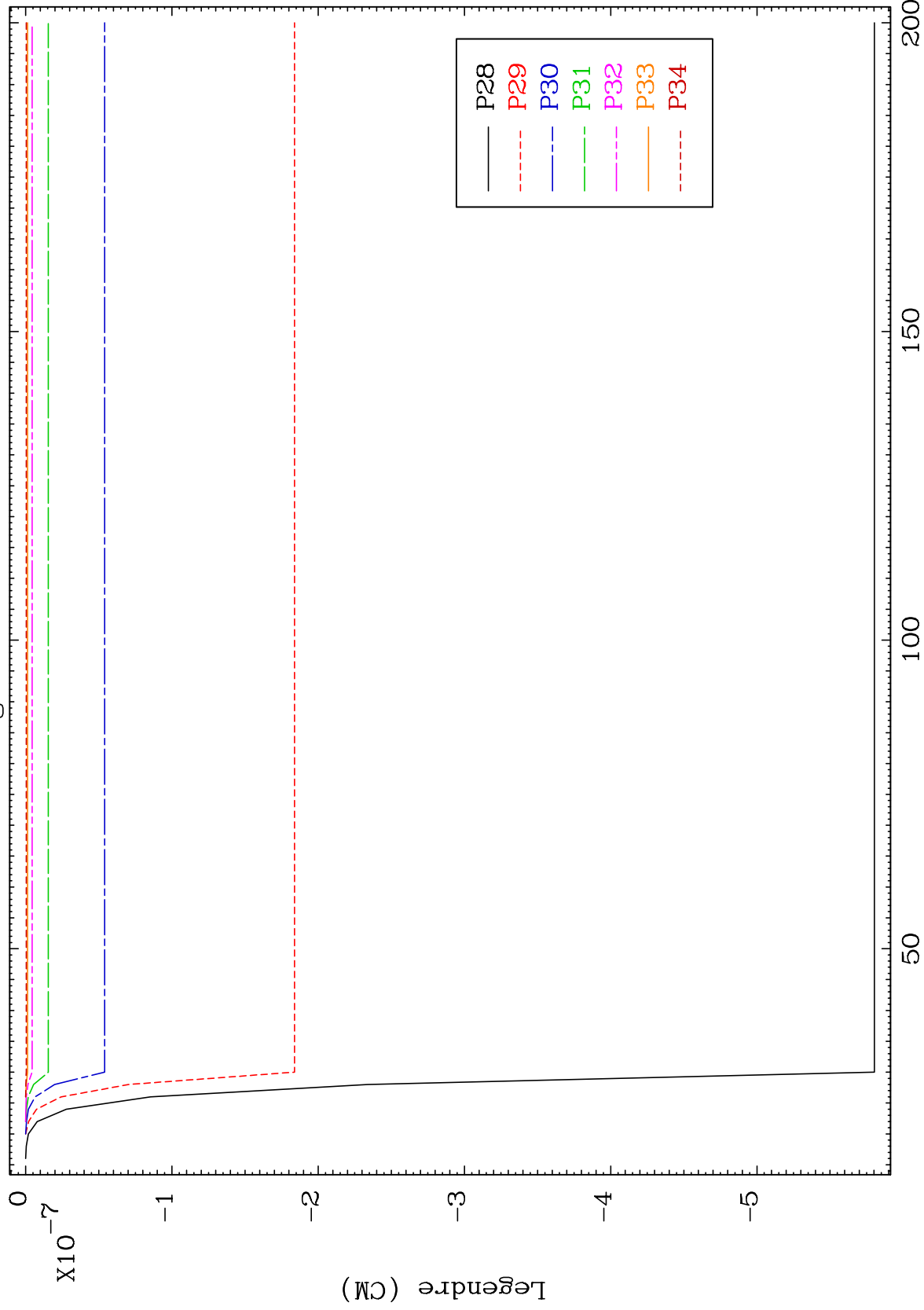
35-Br-83



MAT 3537

MT= 57 (n,n') Level  
Legendre Coefficients

35-Br-83



47

Incident Energy (MeV)

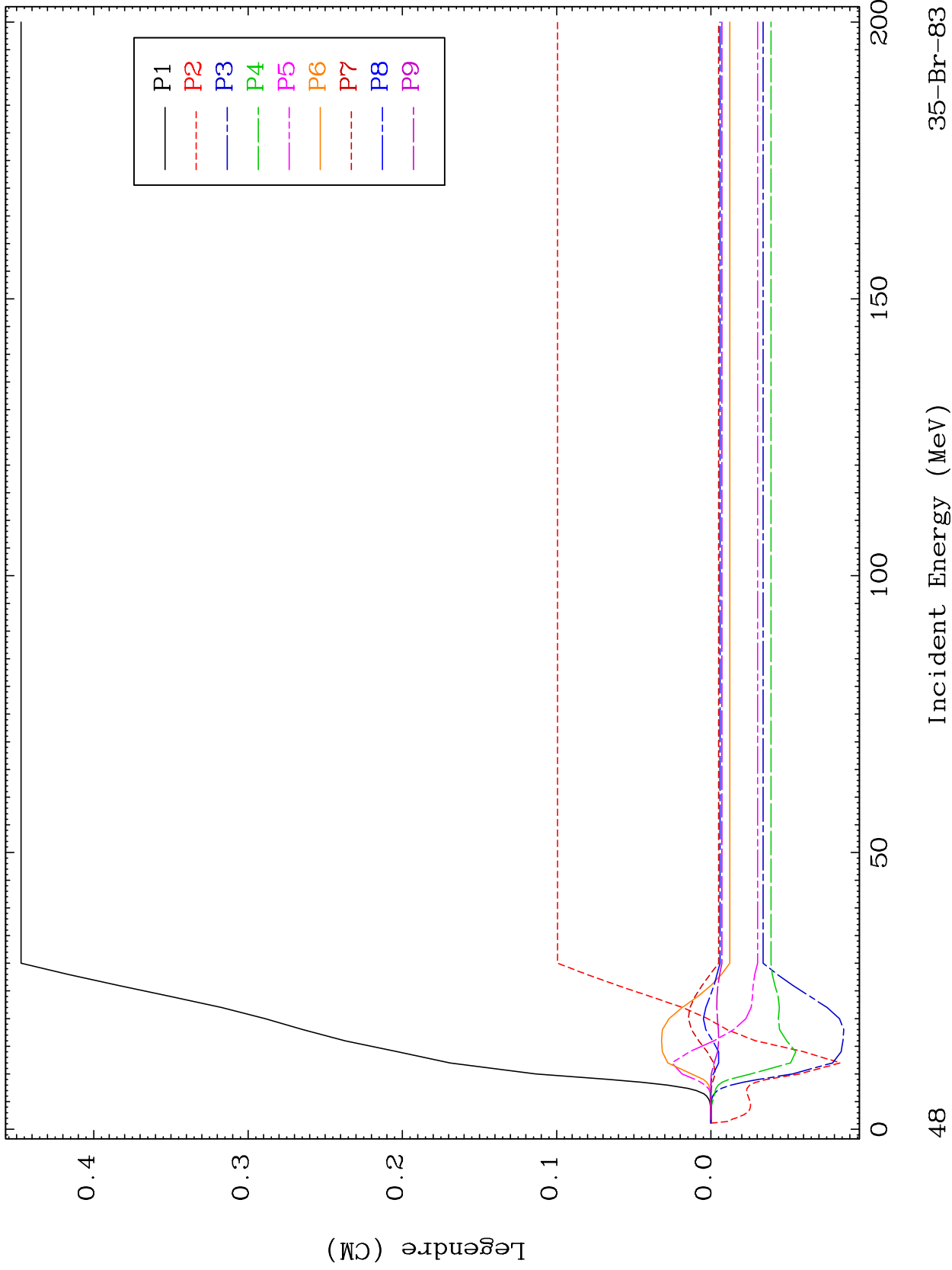
35-Br-83



MAT 3537

MT= 58 (n,n') Level  
Legendre Coefficients

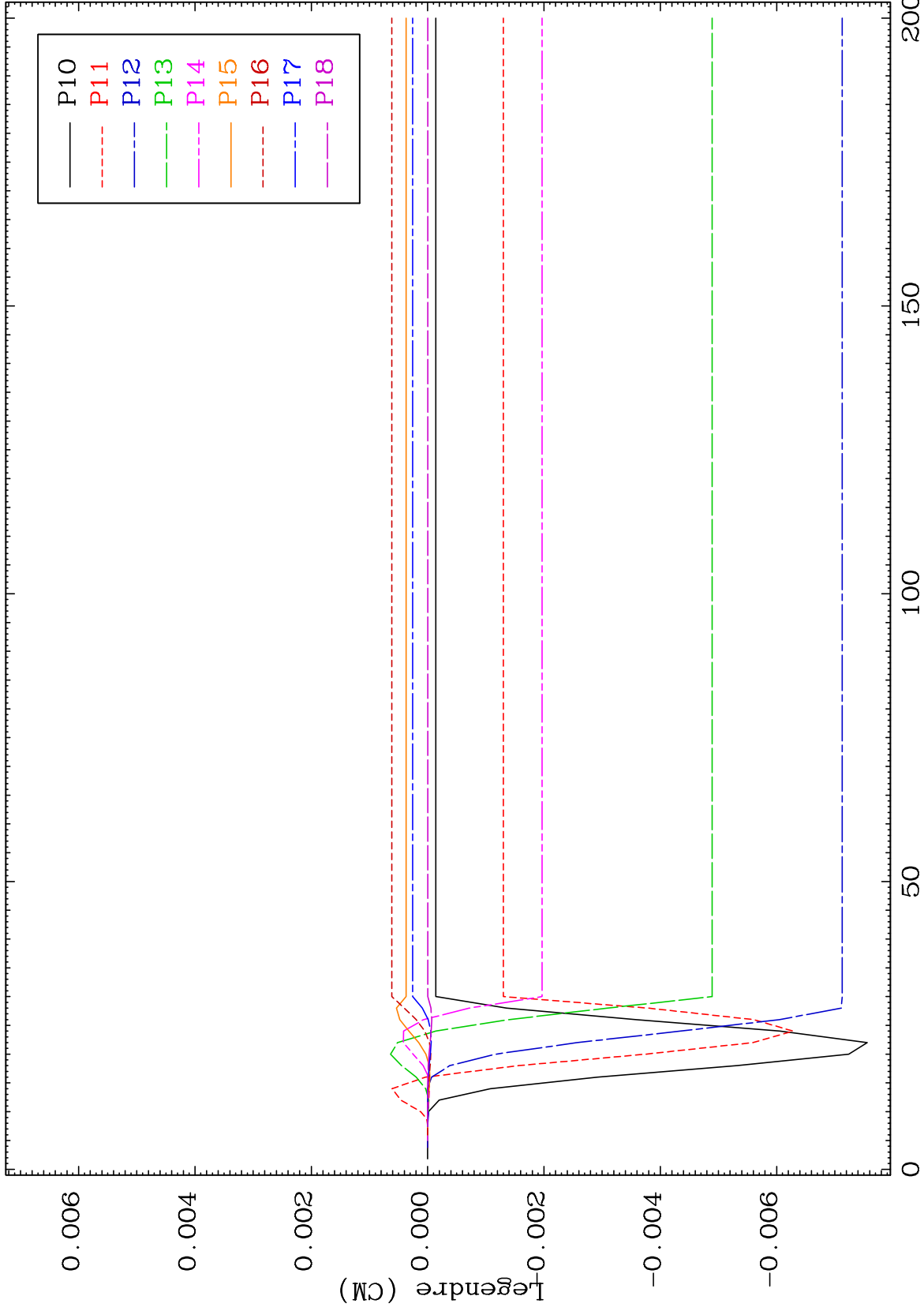
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48

Incident Energy (MeV)

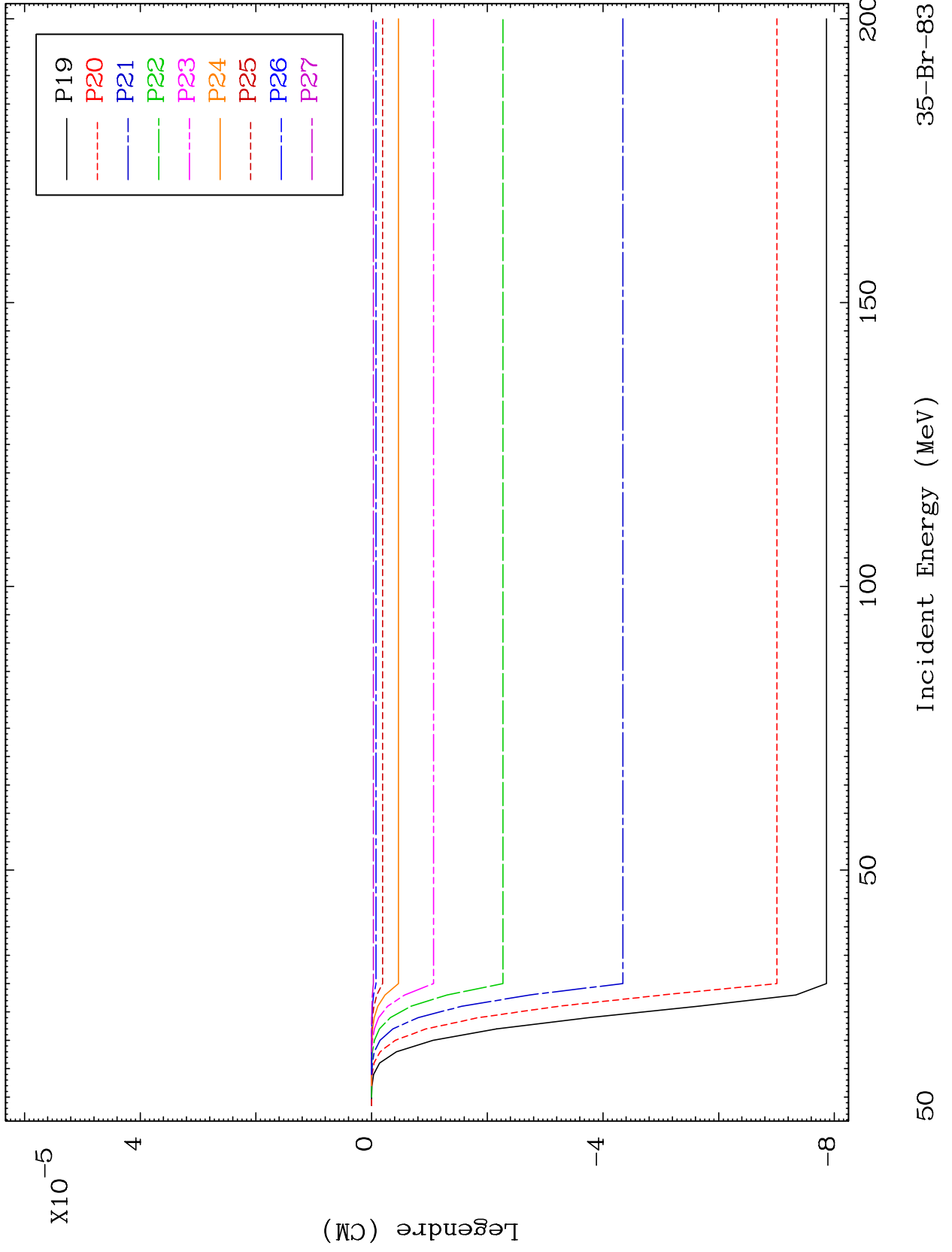
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MAT 3537

MT= 58 (n,n') Level  
Legendre Coefficients

35-Br-83



35-Br-83

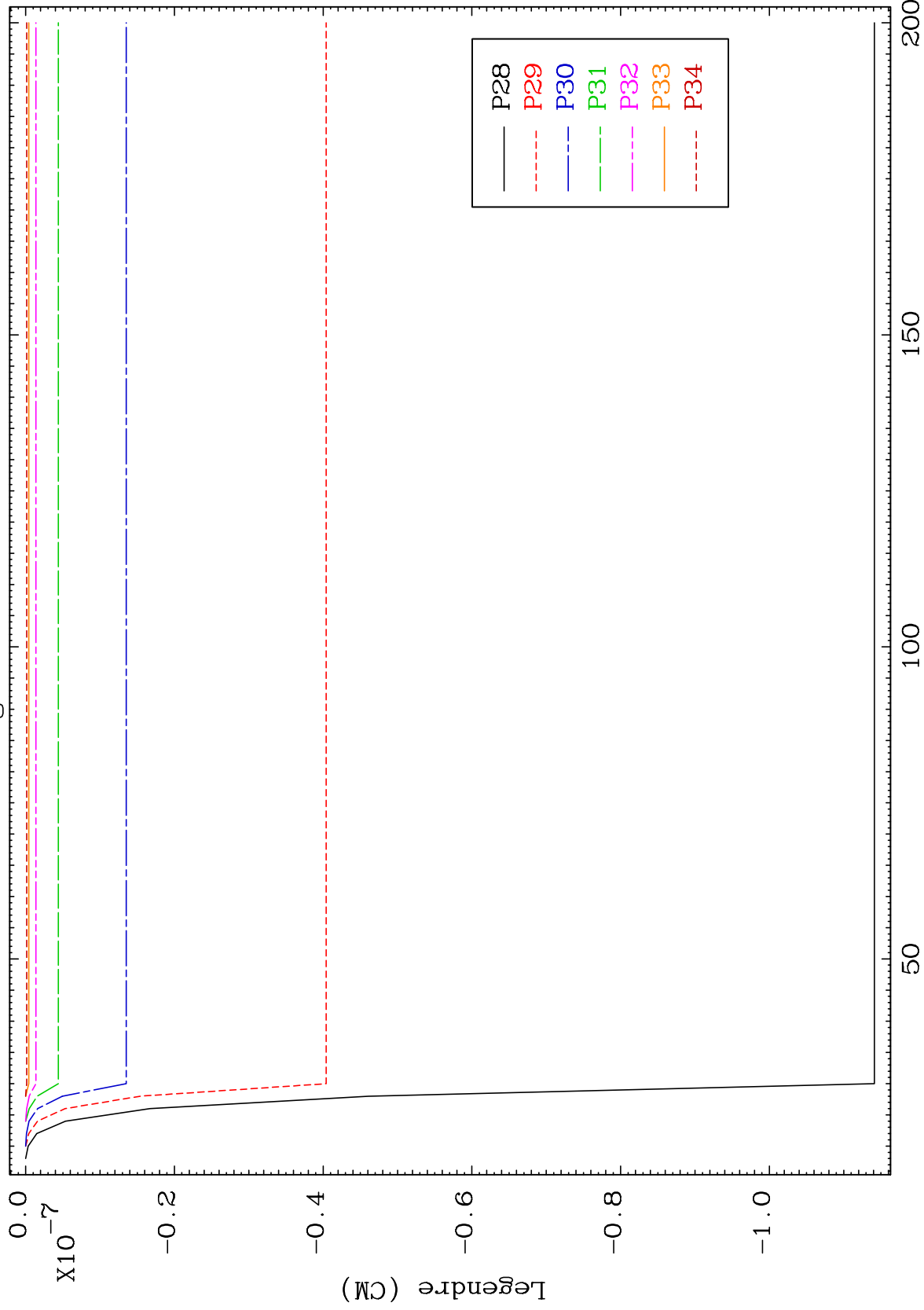
Incident Energy (MeV)

50

MAT 3537

MT= 58 (n,n') Level  
Legendre Coefficients

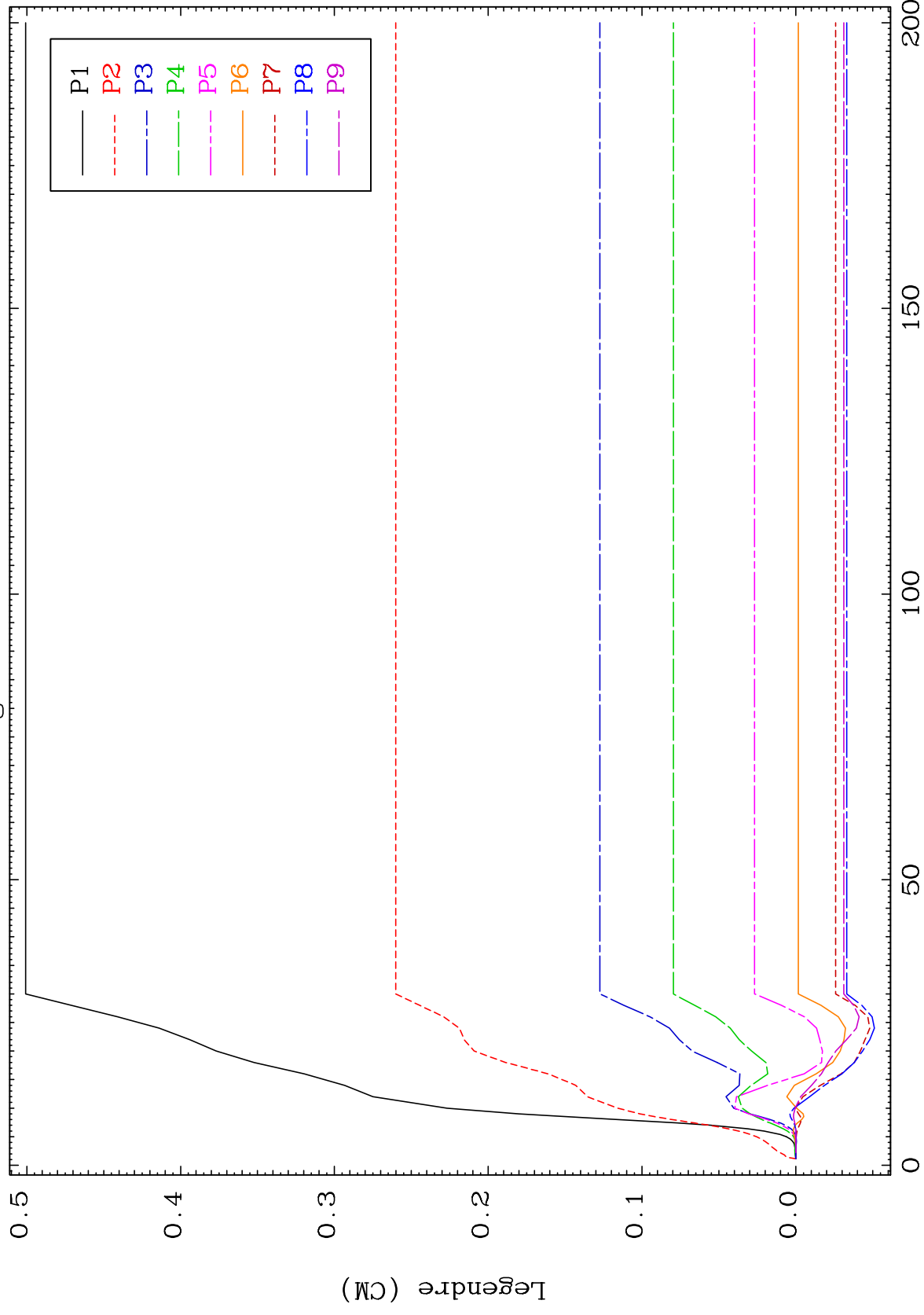
35-Br-83



MAT 3537

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

35-Br-83



52

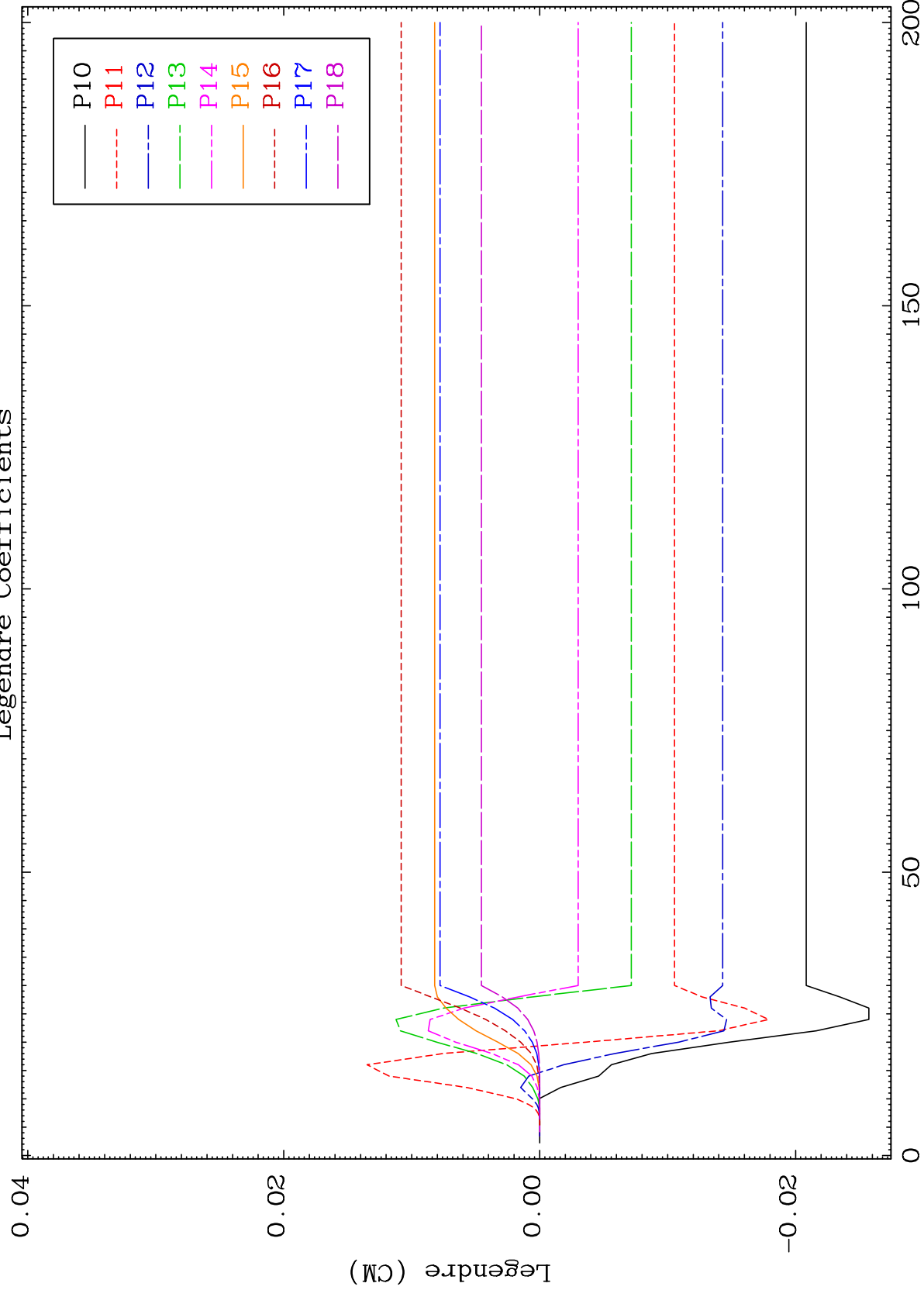
Incident Energy (MeV)

35-Br-83

MAT 3537

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

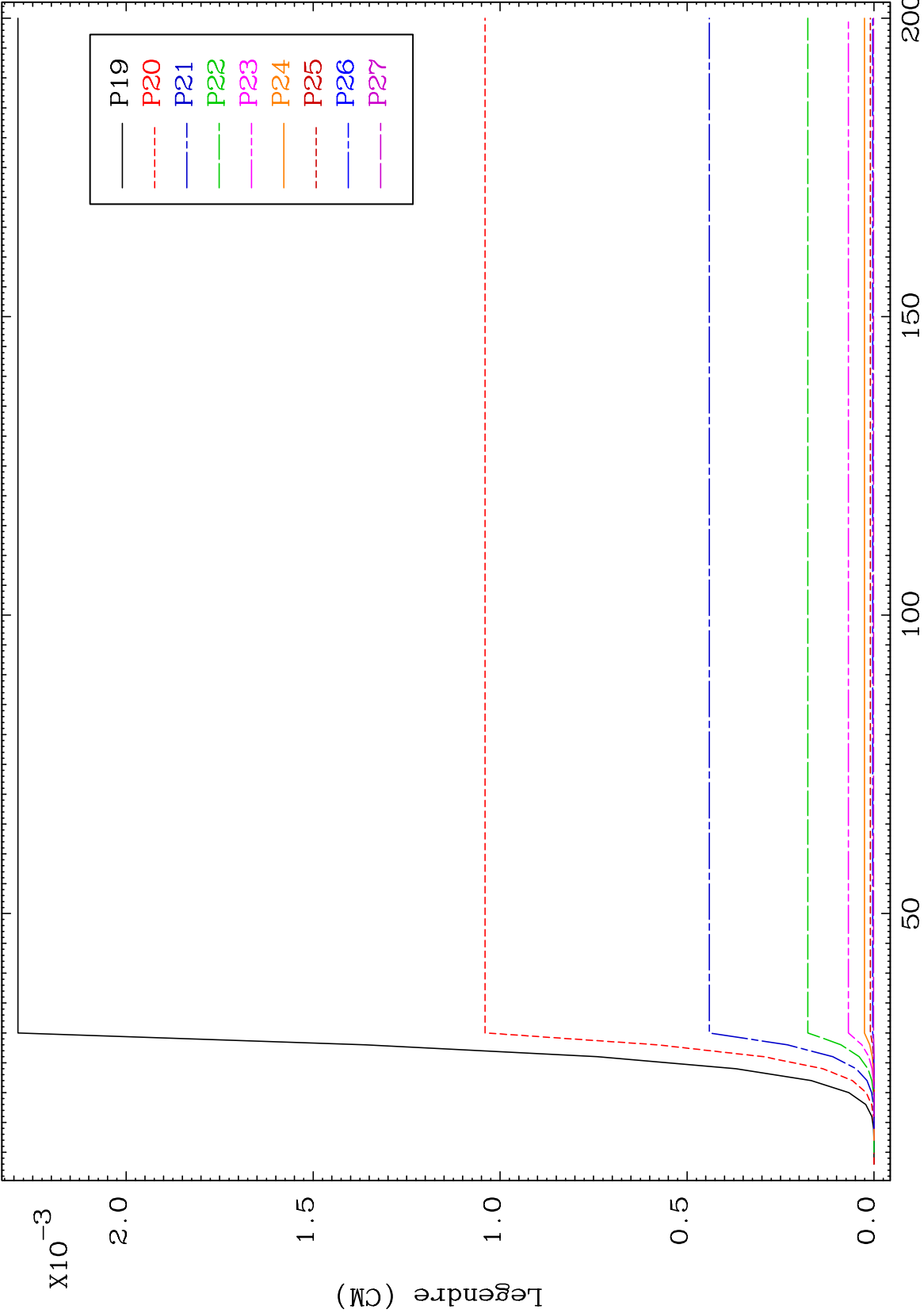
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53

Incident Energy (MeV)

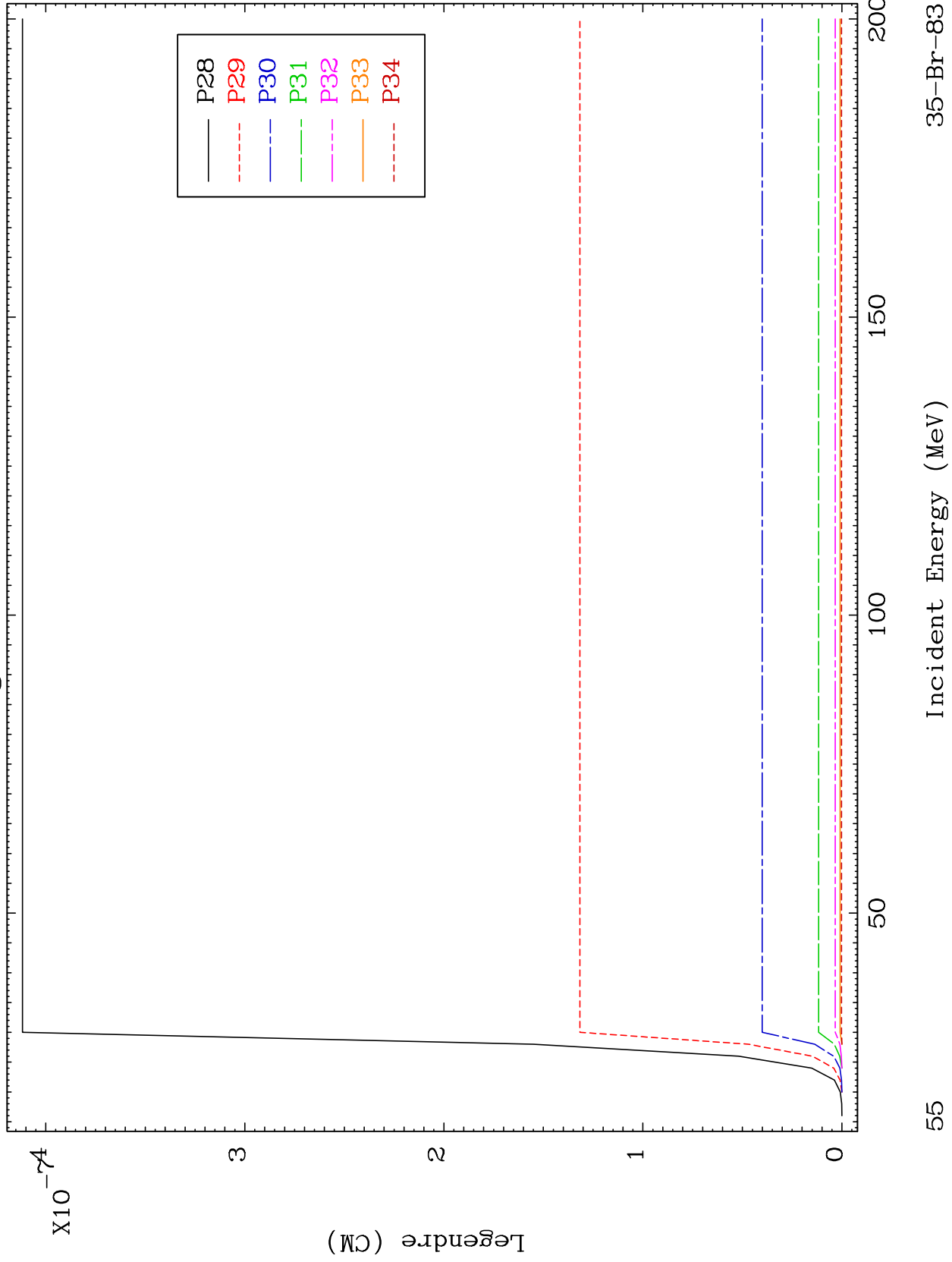
35-Br-83



MAT 3537

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

35-Br-83

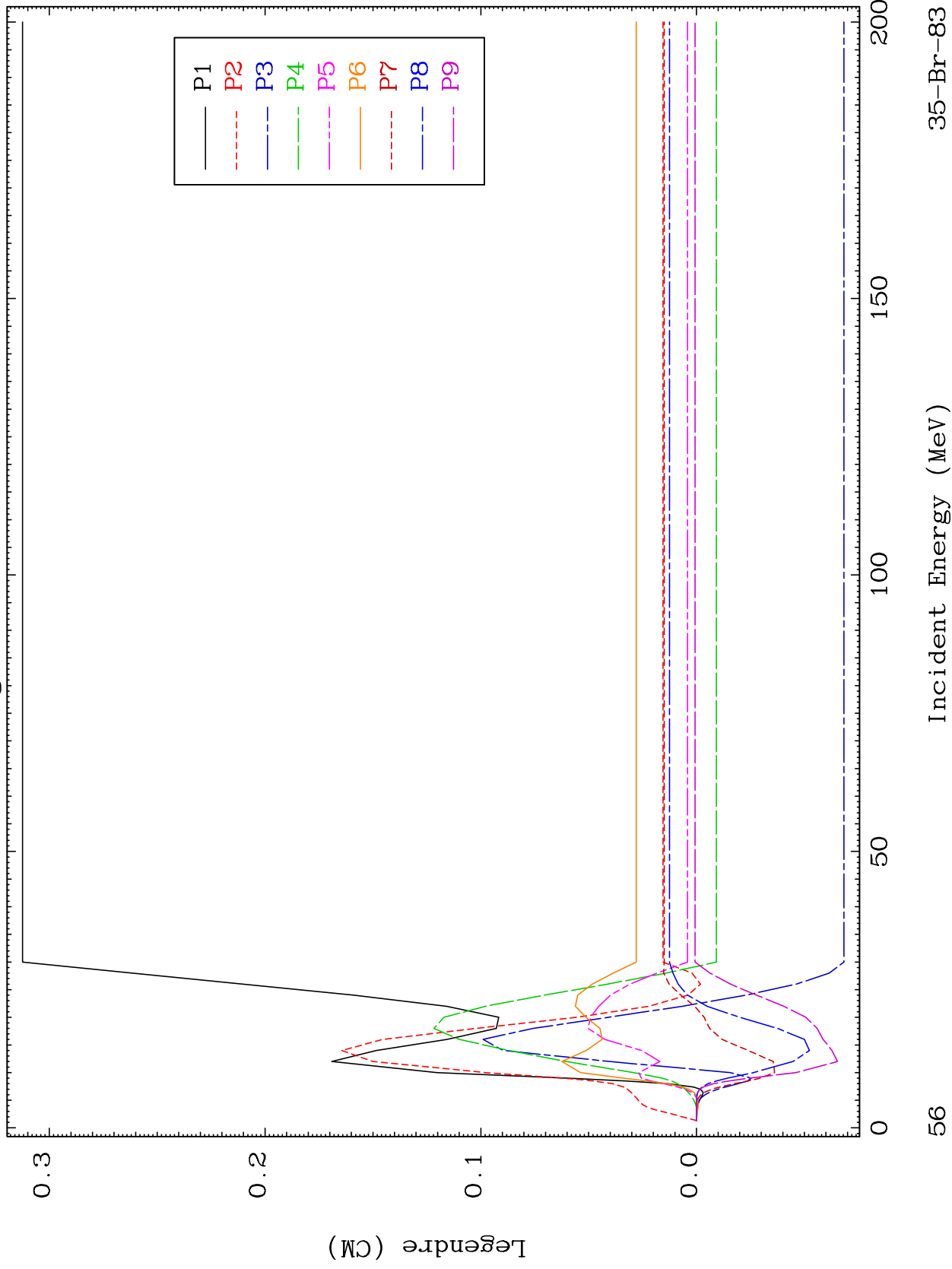




MAT 3537

MT= 60 (n,n') Level  
Legendre Coefficients

35-Br-83

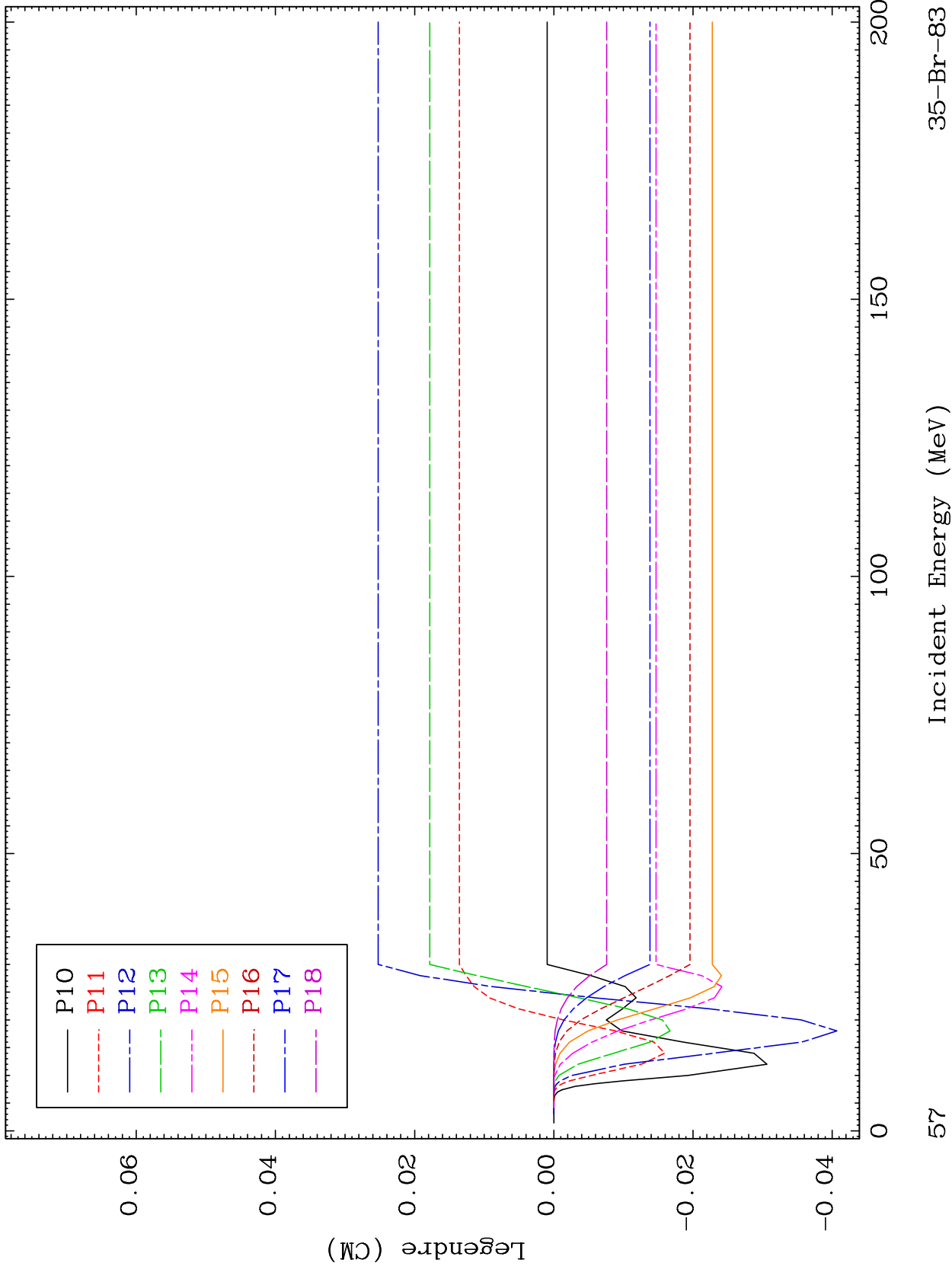


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MAT 3537

MT= 60 (n,n') Level  
Legendre Coefficients

35-Br-83



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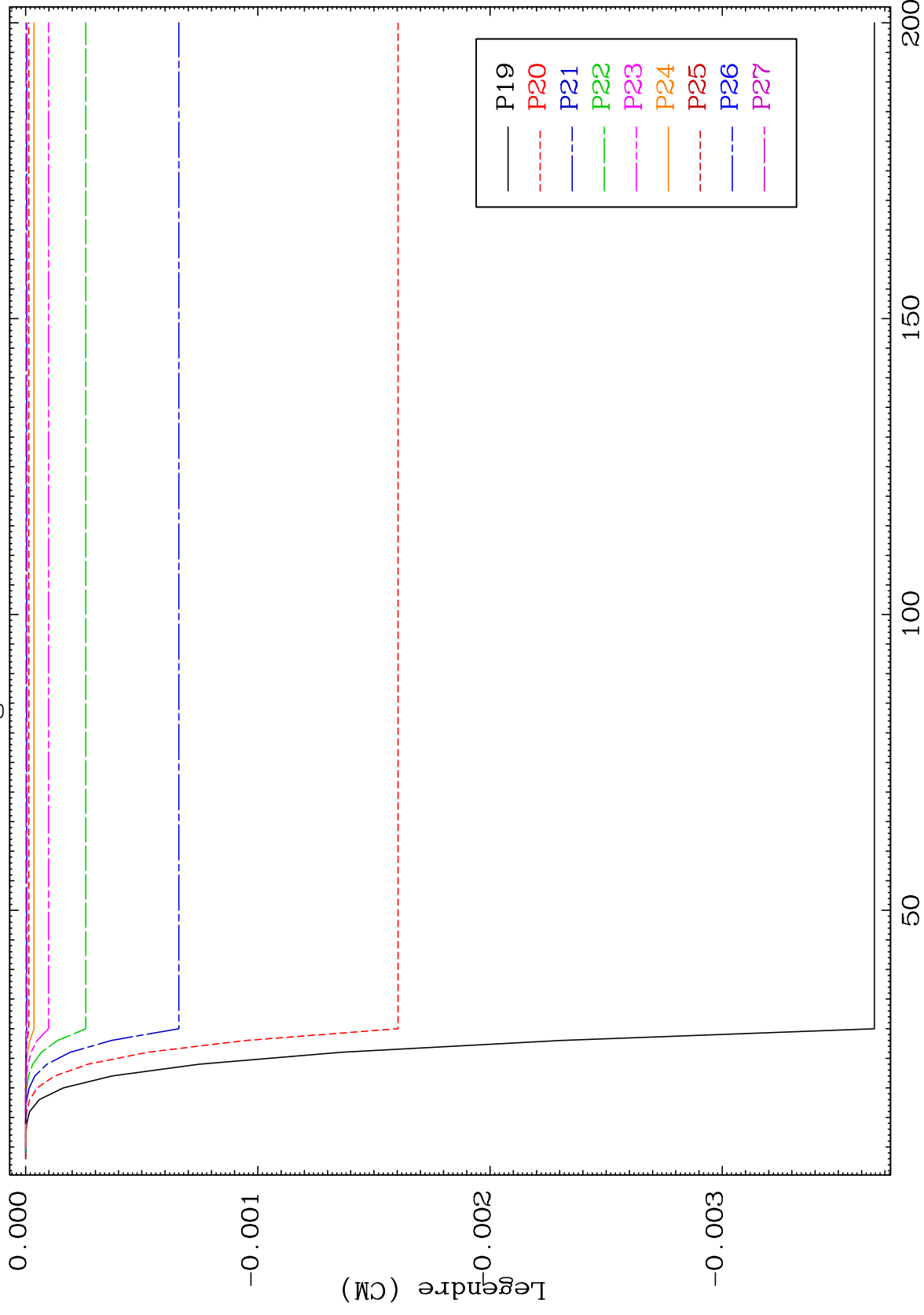
Incident Energy (MeV)

35-Br-83

MAT 3537

MT= 60 (n,n') Level  
Legendre Coefficients

35-Br-83



58

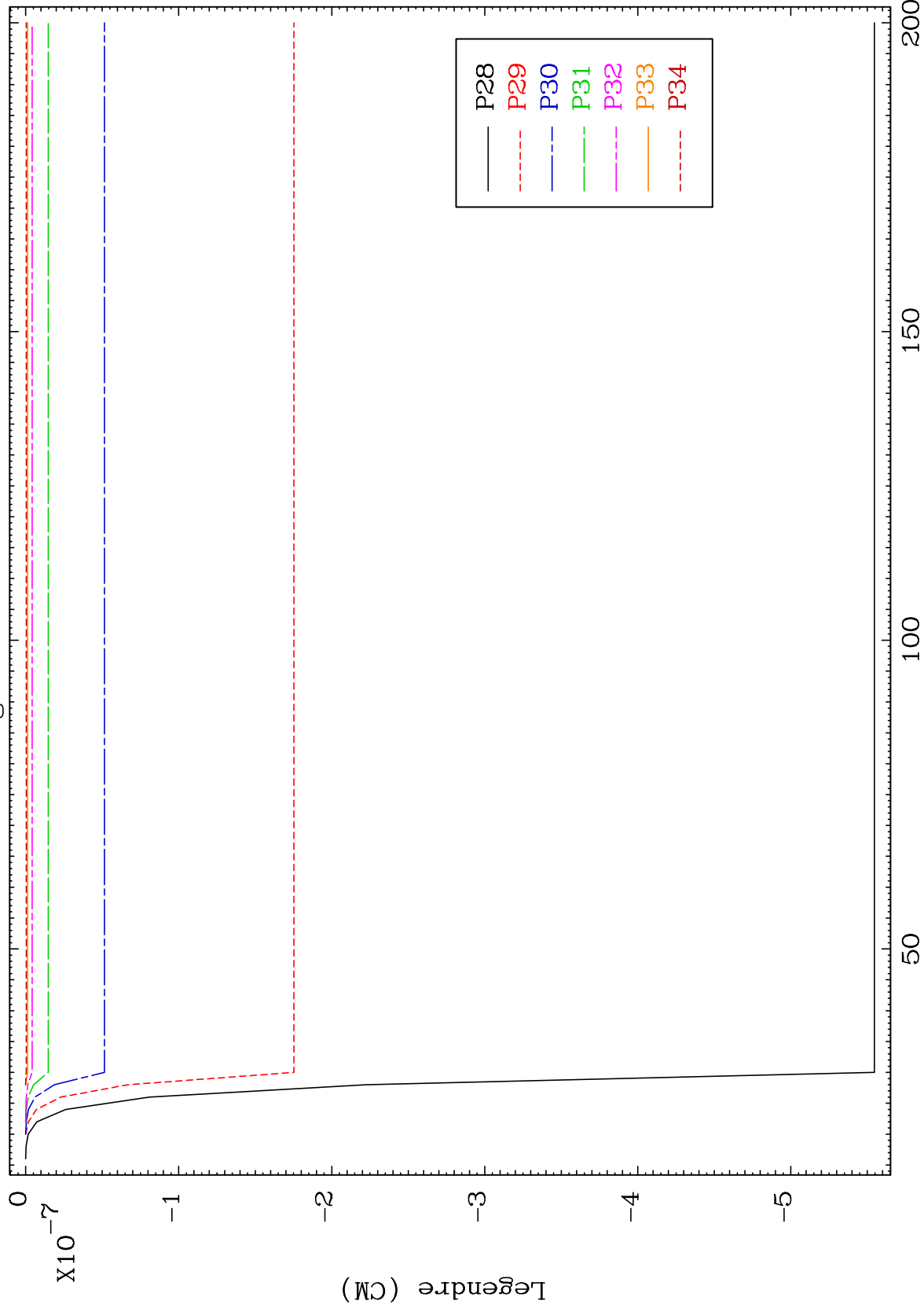
Incident Energy (MeV)

35-Br-83

MAT 3537

MT= 60 (n,n') Level  
Legendre Coefficients

35-Br-83



35-Br-83

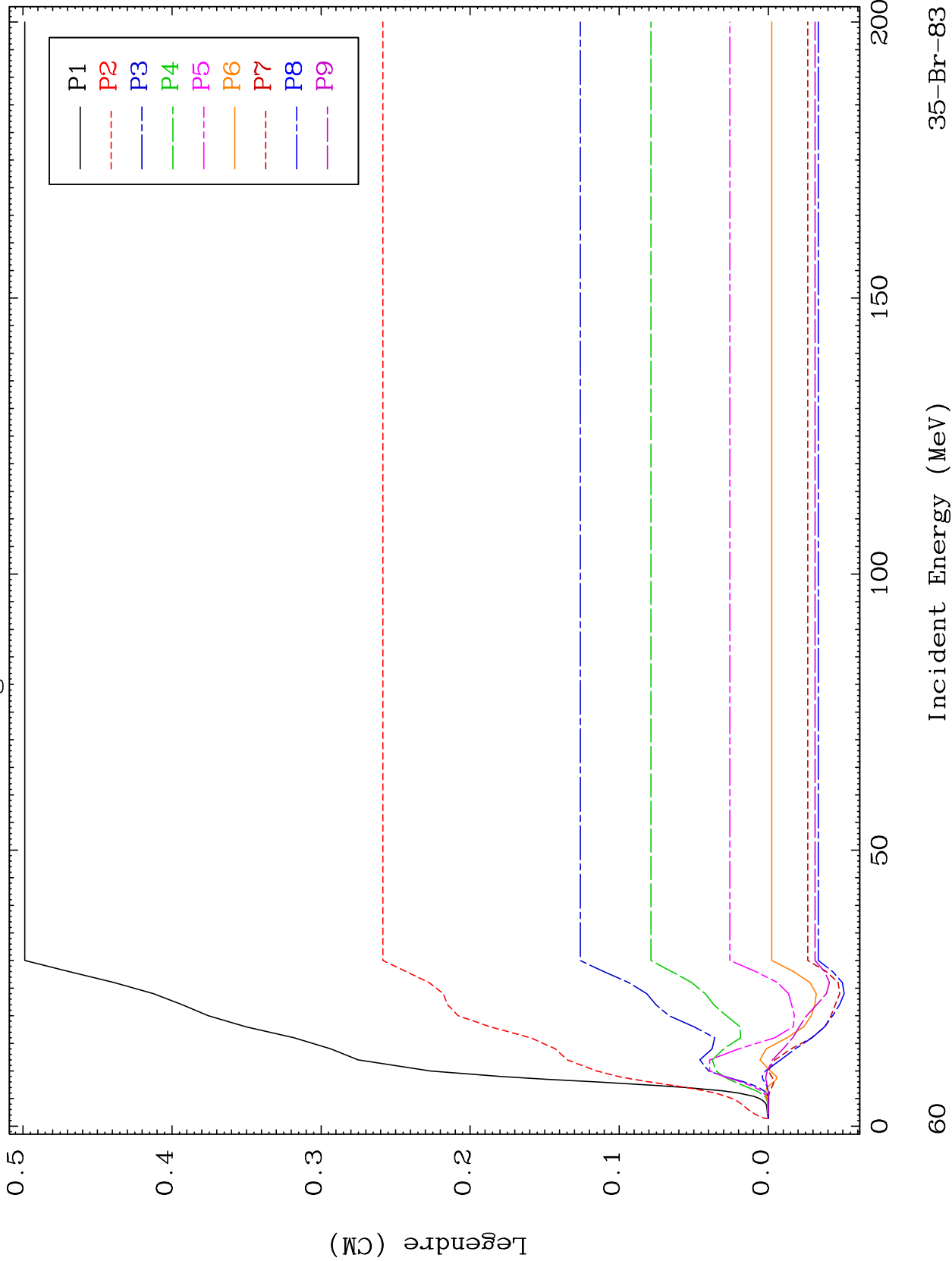
Incident Energy (MeV)

59

MAT 3537

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

35-Br-83



35-Br-83

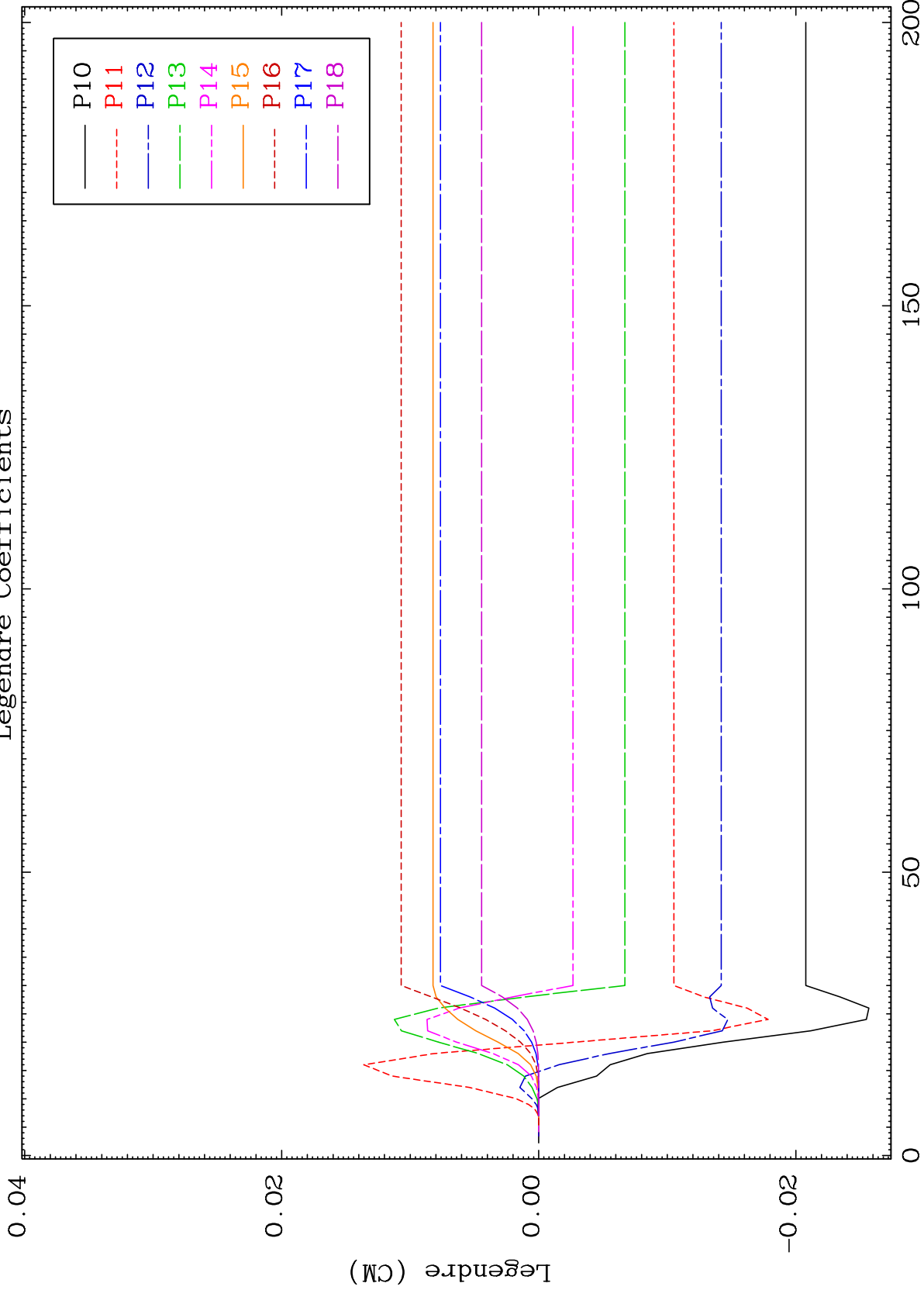
Incident Energy (MeV)

60

MAT 3537

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

35-Br-83



61

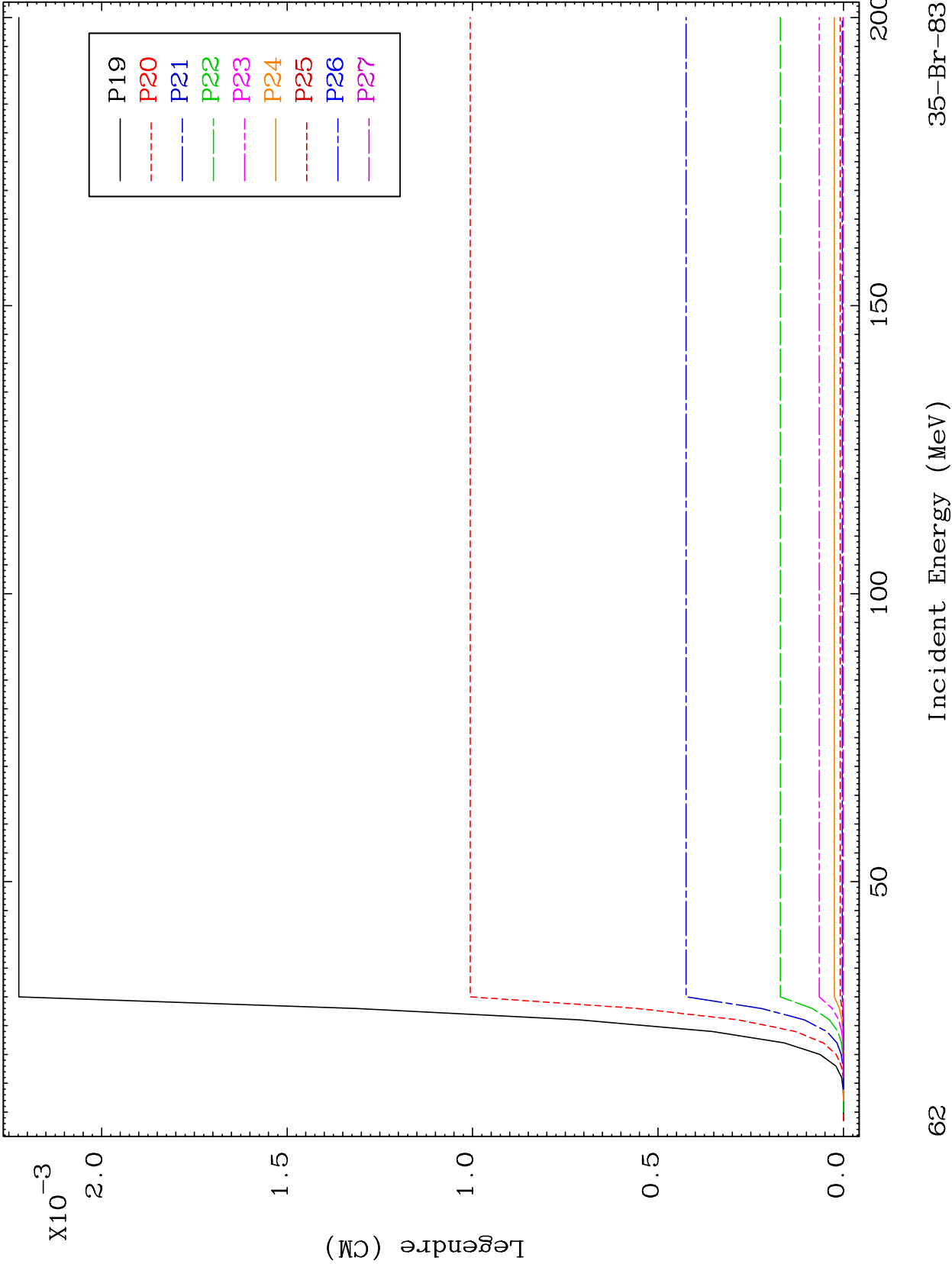
Incident Energy (MeV)

35-Br-83

MAT 3537

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

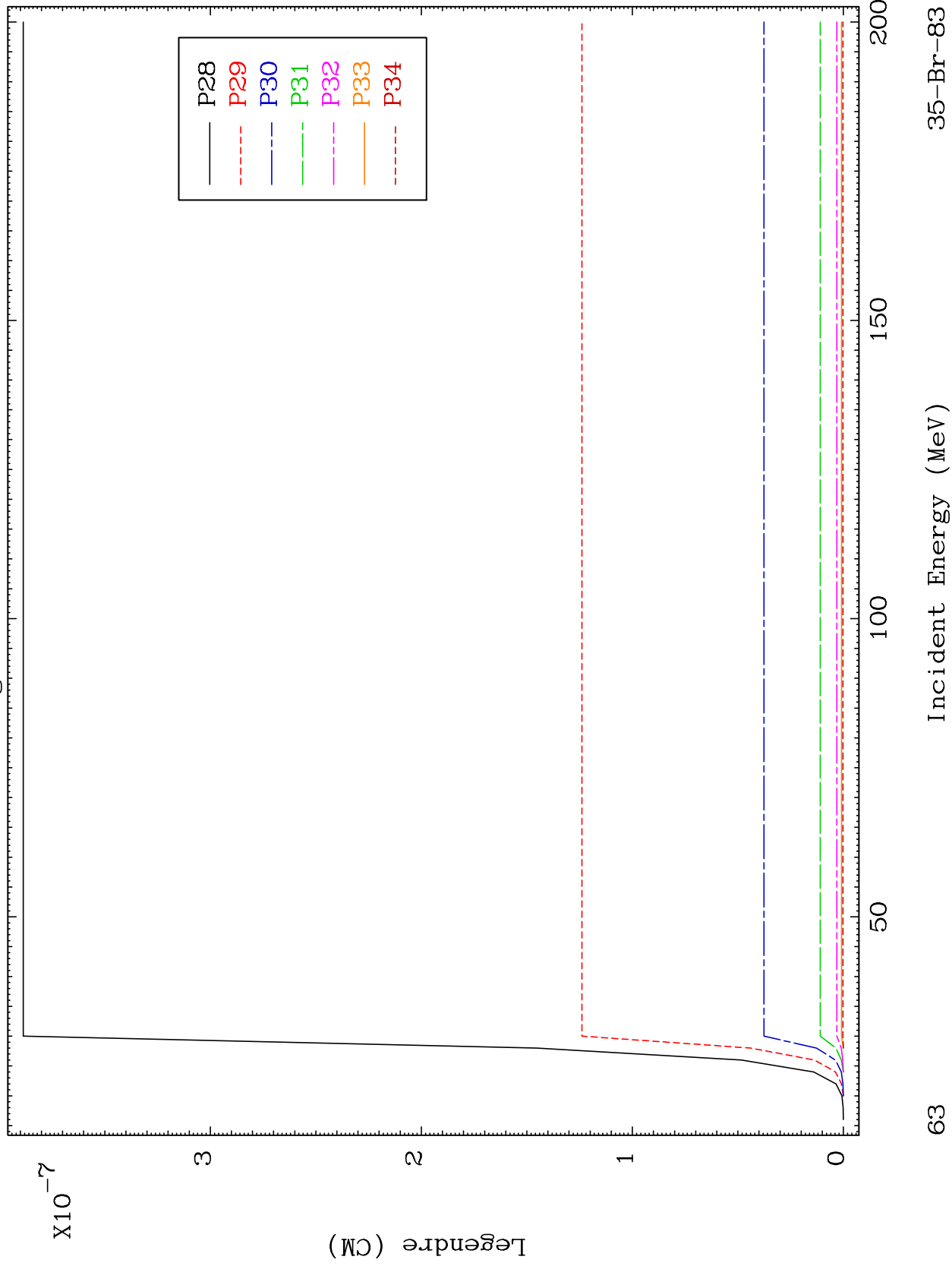
35-Br-83



MAT 3537

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

35-Br-83

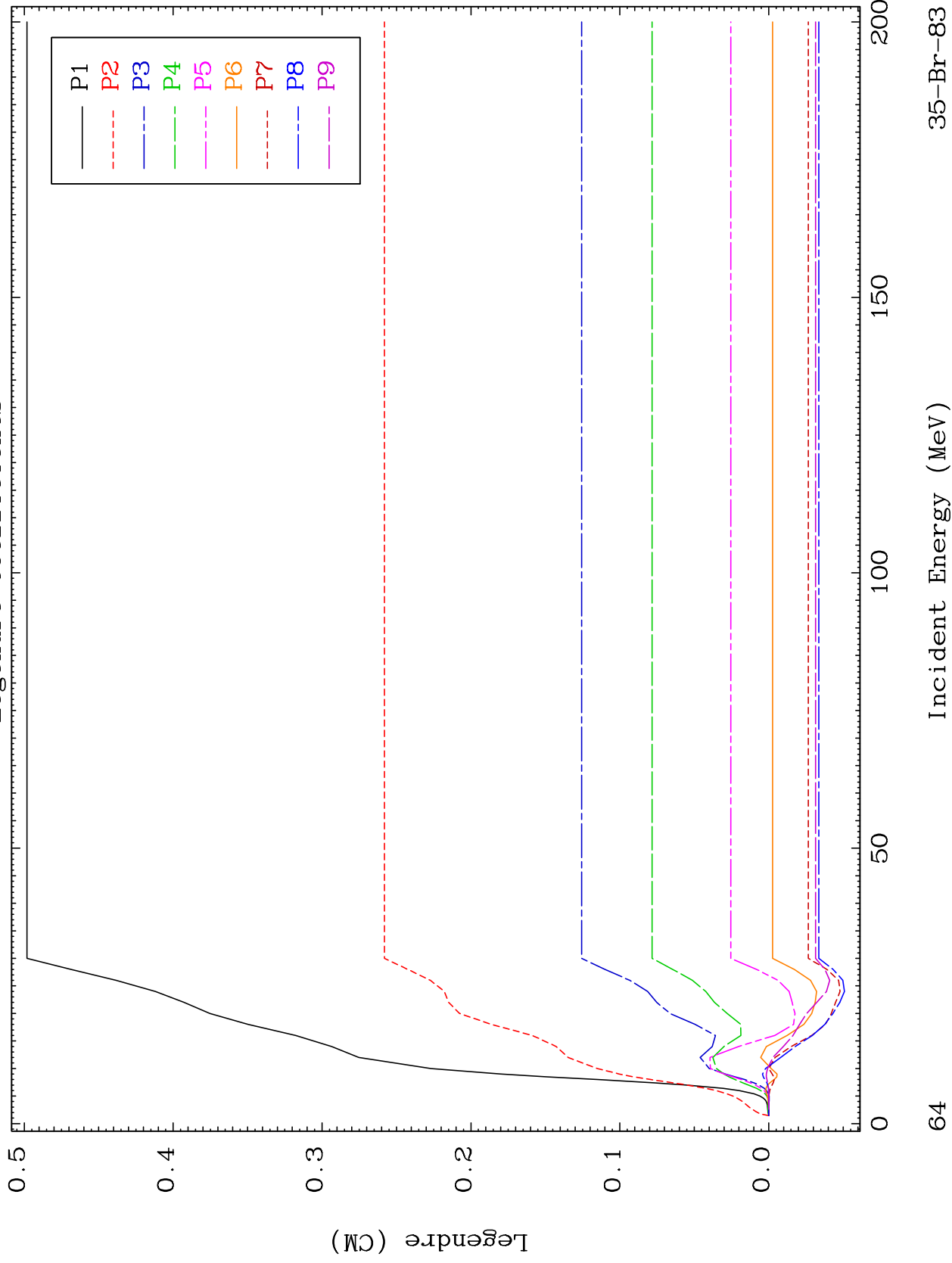




MAT 3537

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

35-Br-83



35-Br-83

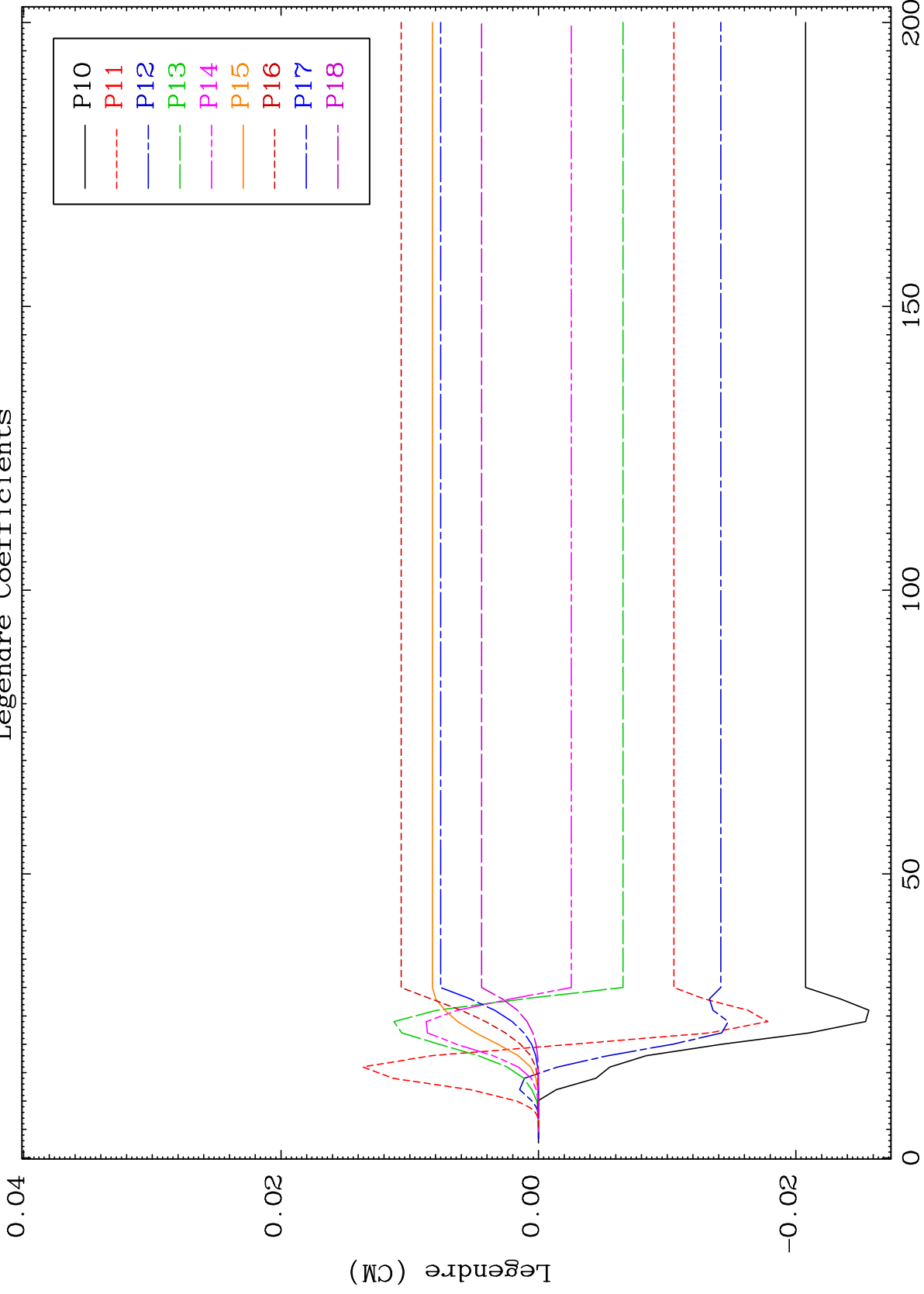
Incident Energy (MeV)

64

MAT 3537

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

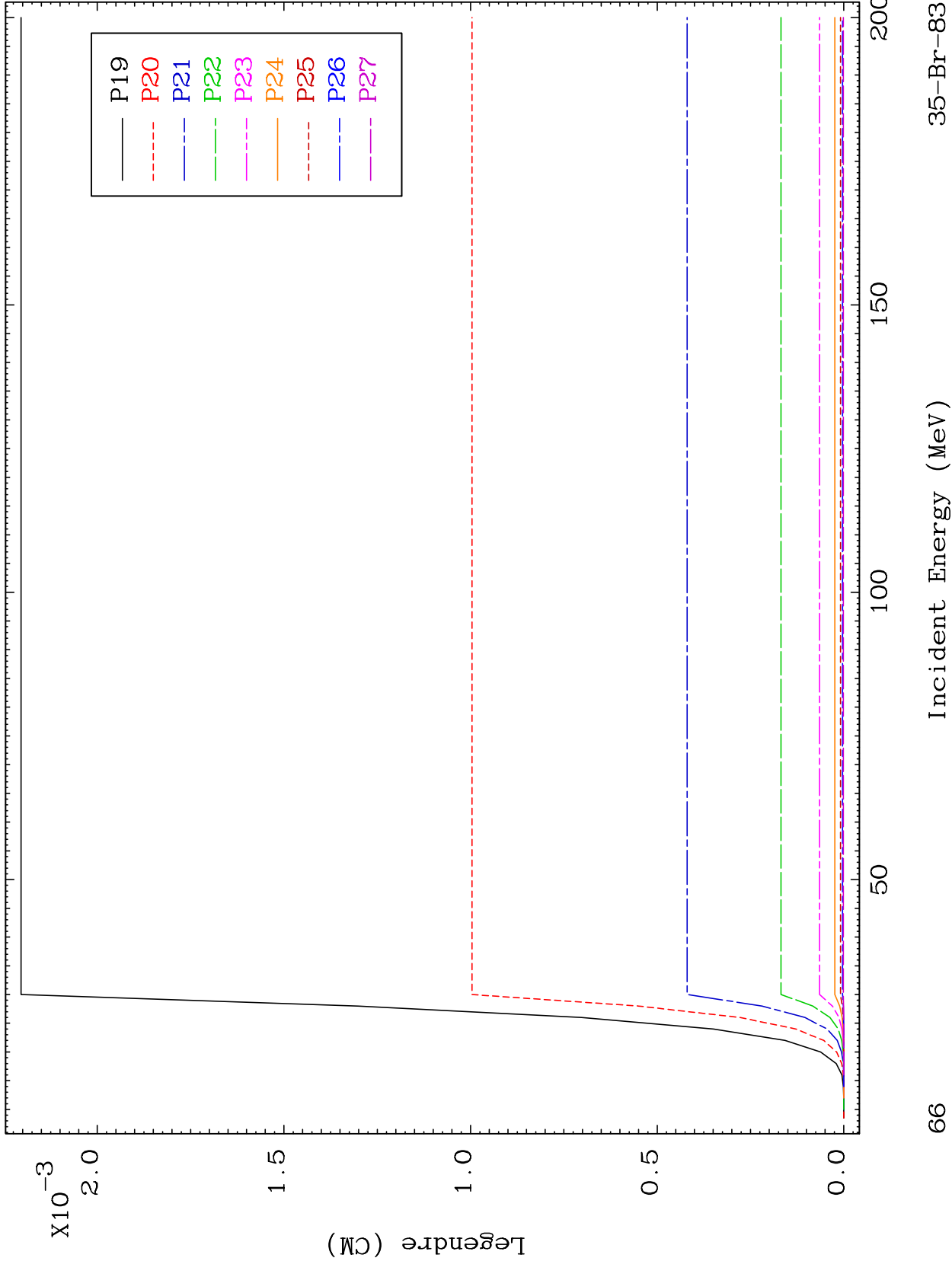
35-Br-83



65

Incident Energy (MeV)

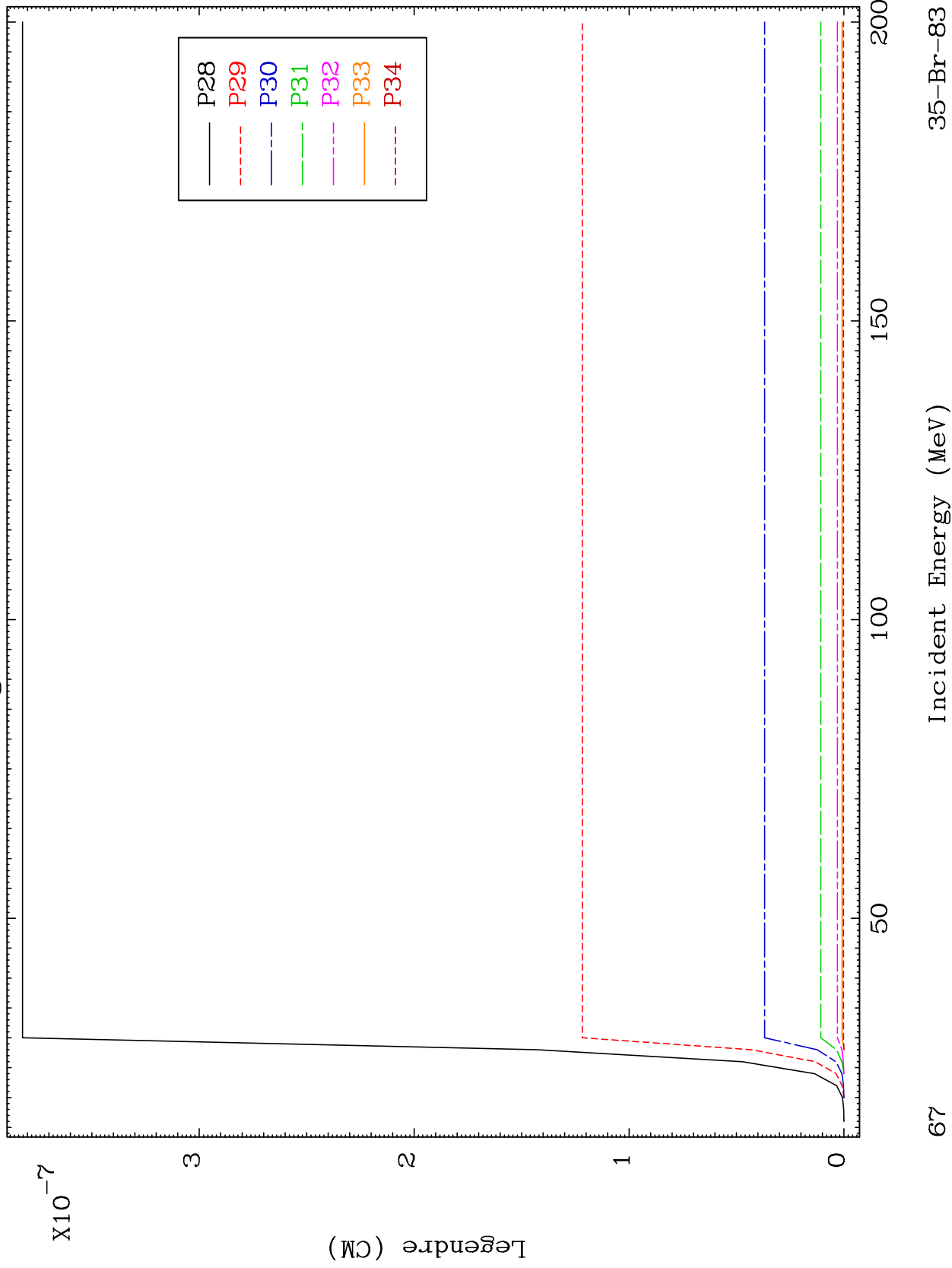
35-Br-83



MAT 3537

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

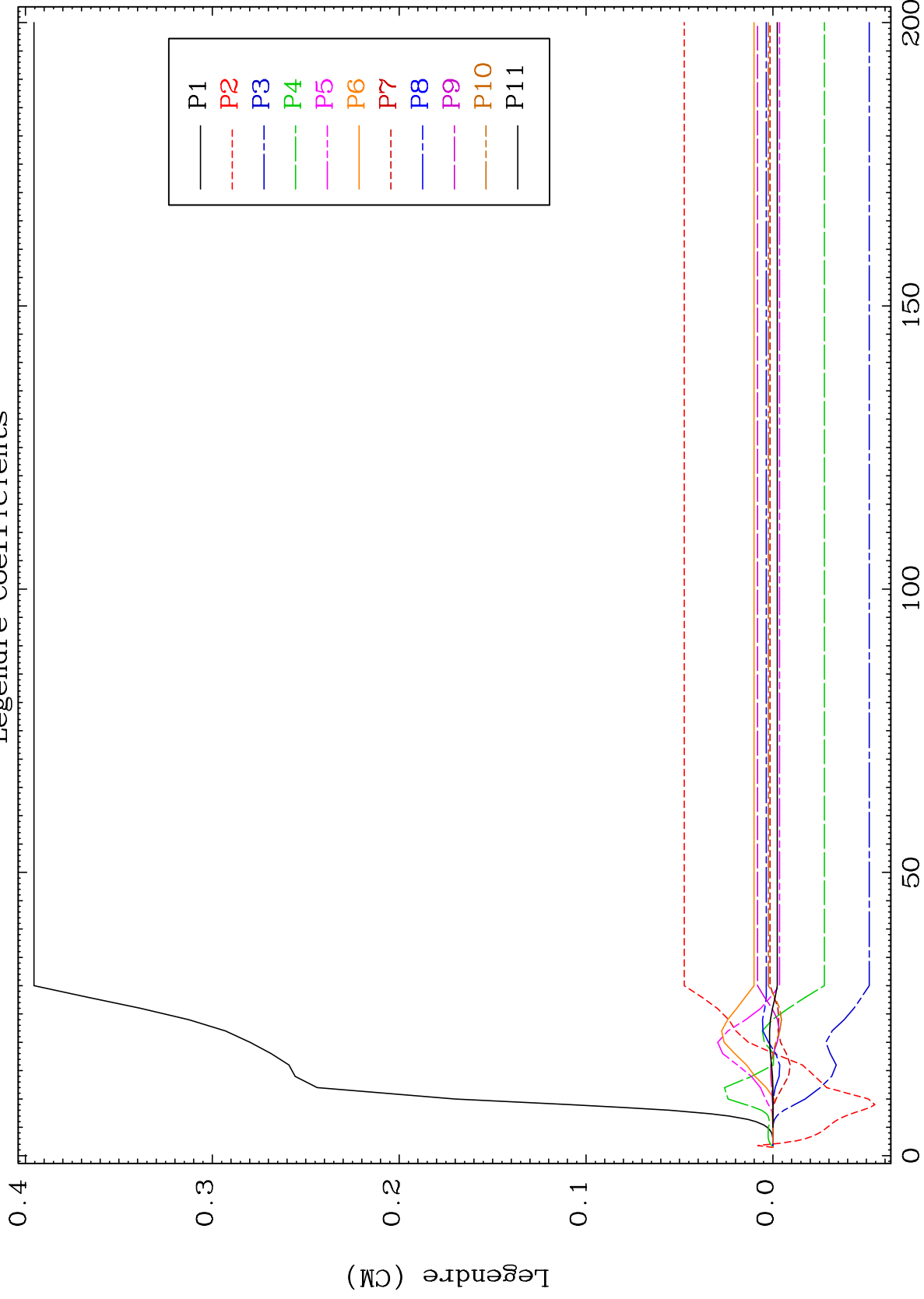
35-Br-83



MAT 3537

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

35-Br-83



68

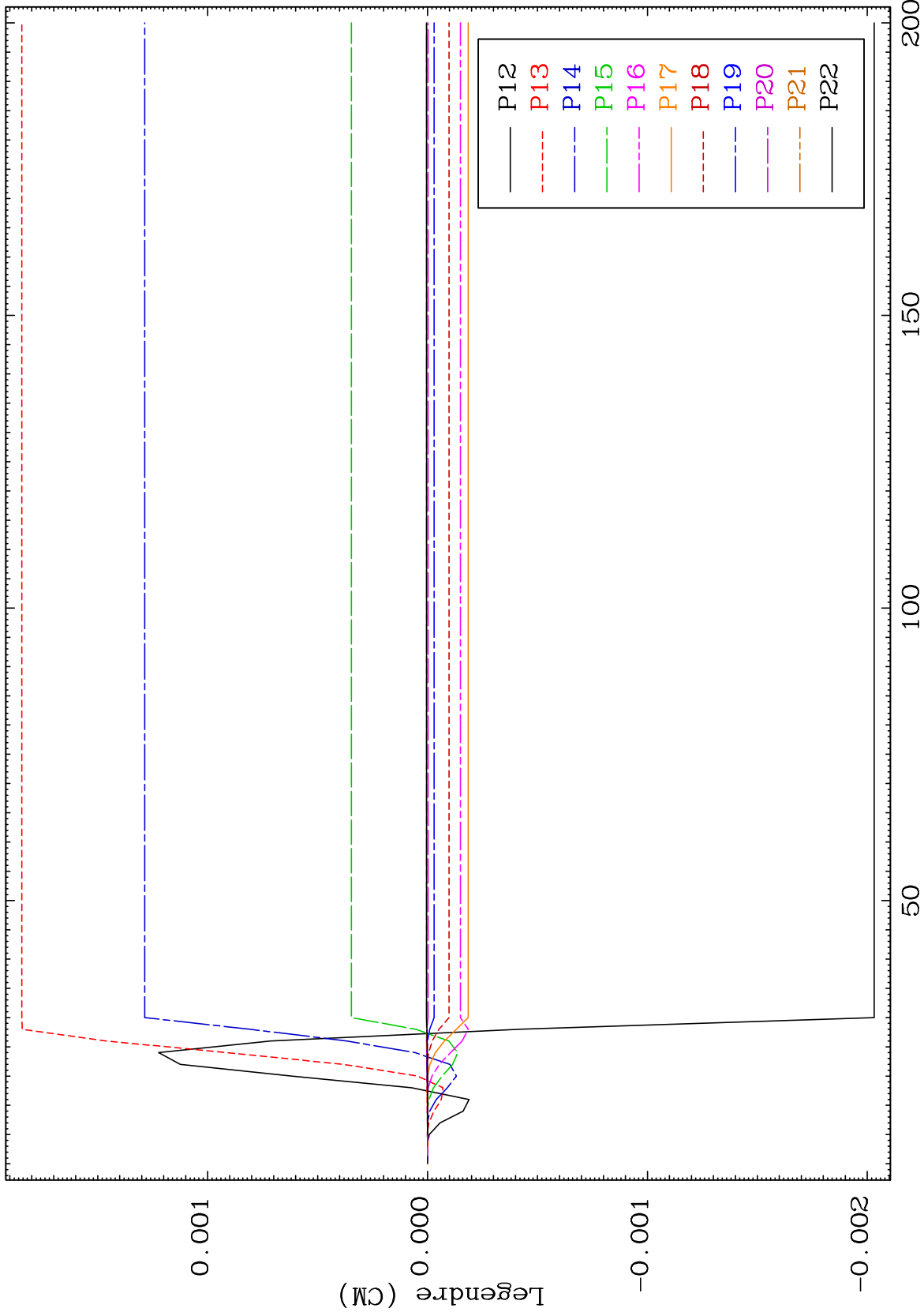
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



69

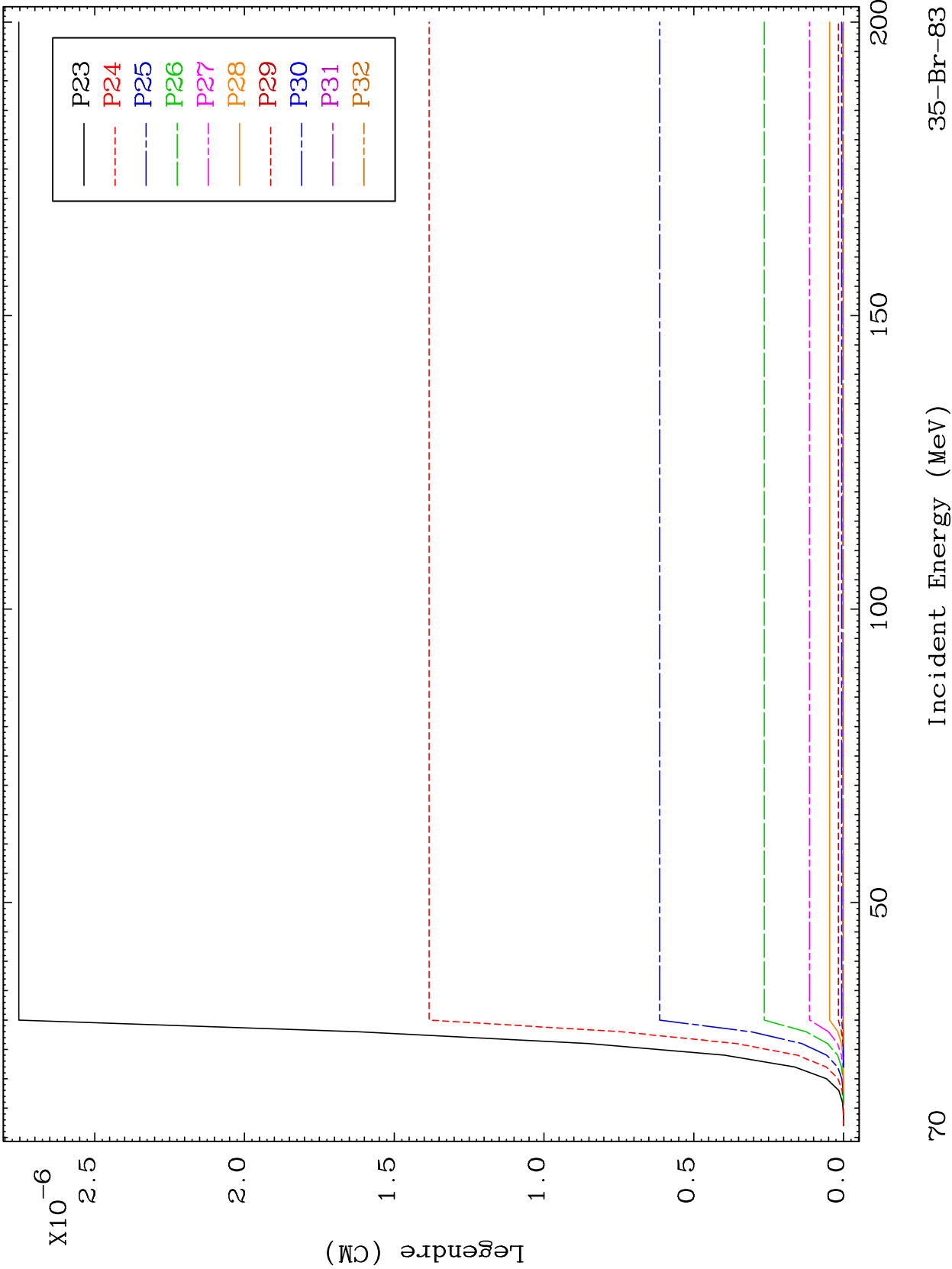
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



70

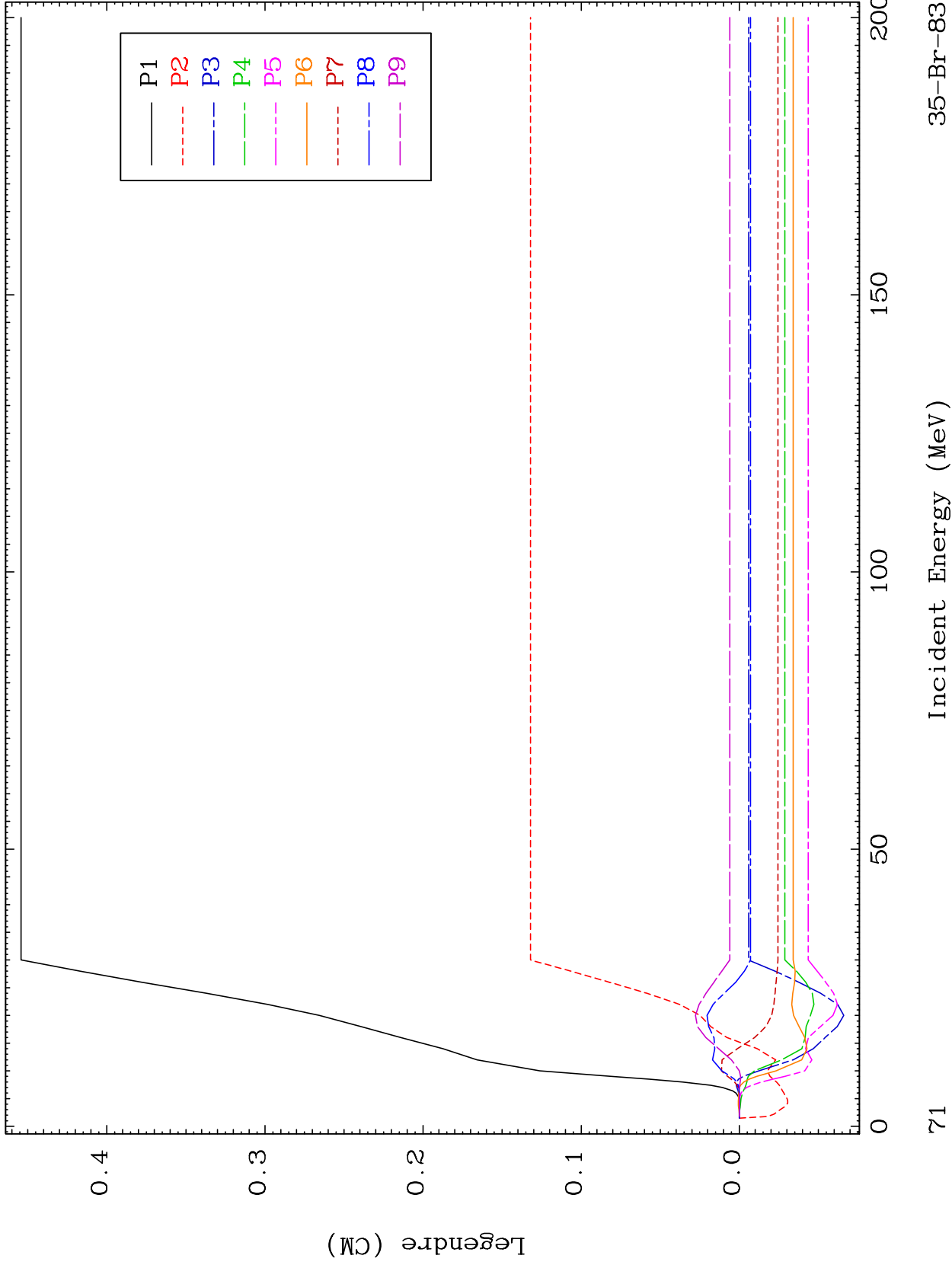
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



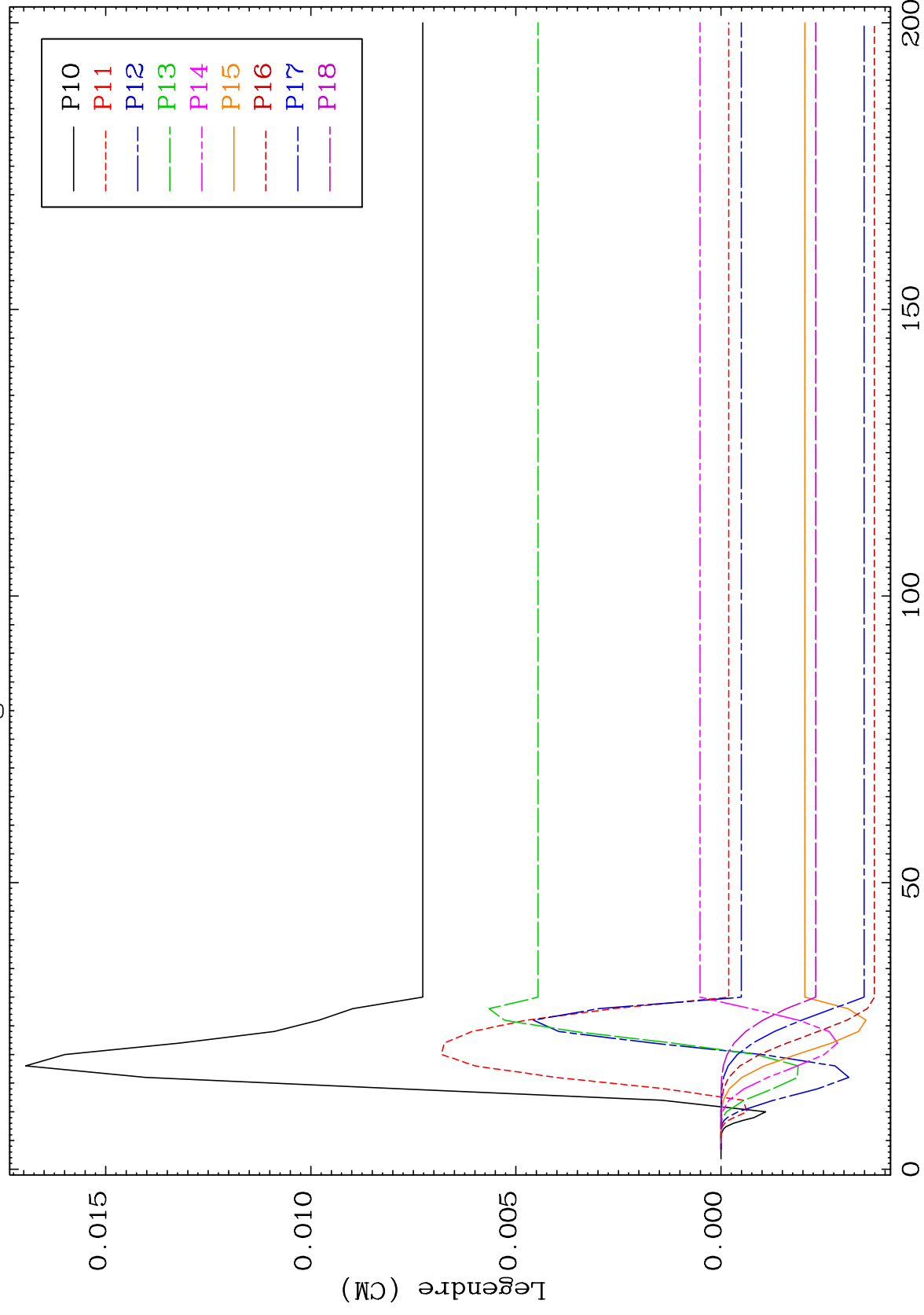
35-Br-83



MAT 3537

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

35-Br-83



72

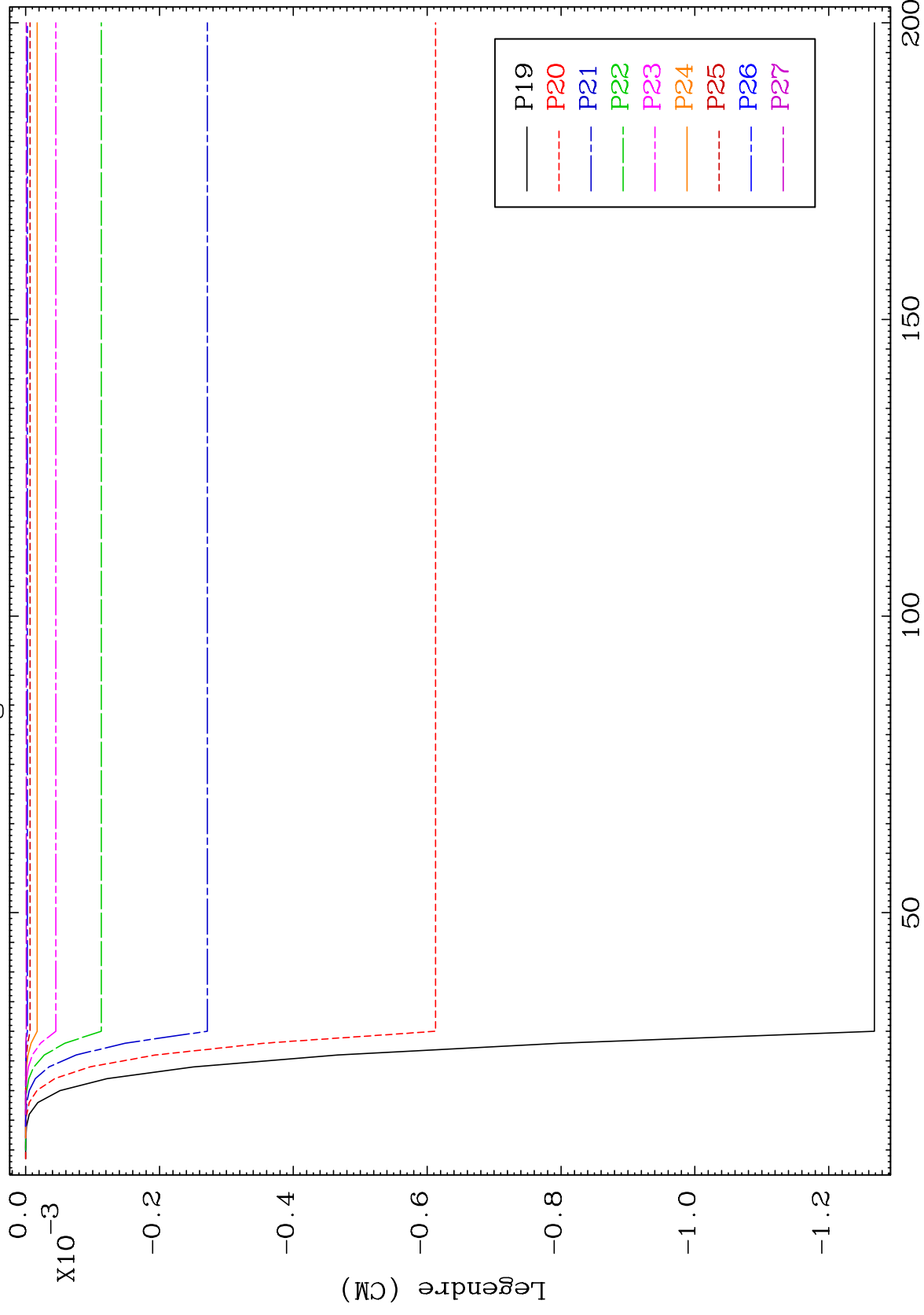
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



73

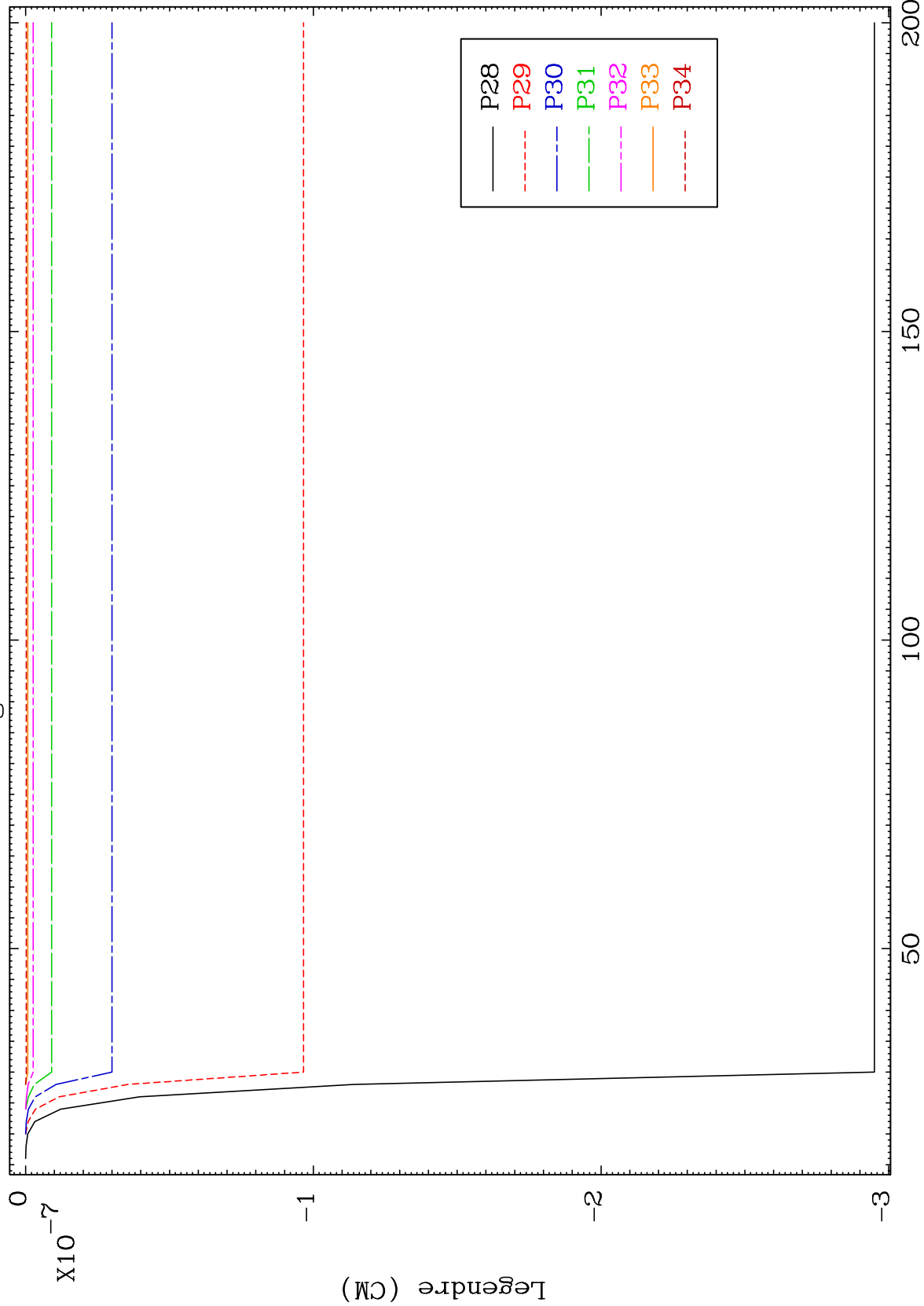
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



74

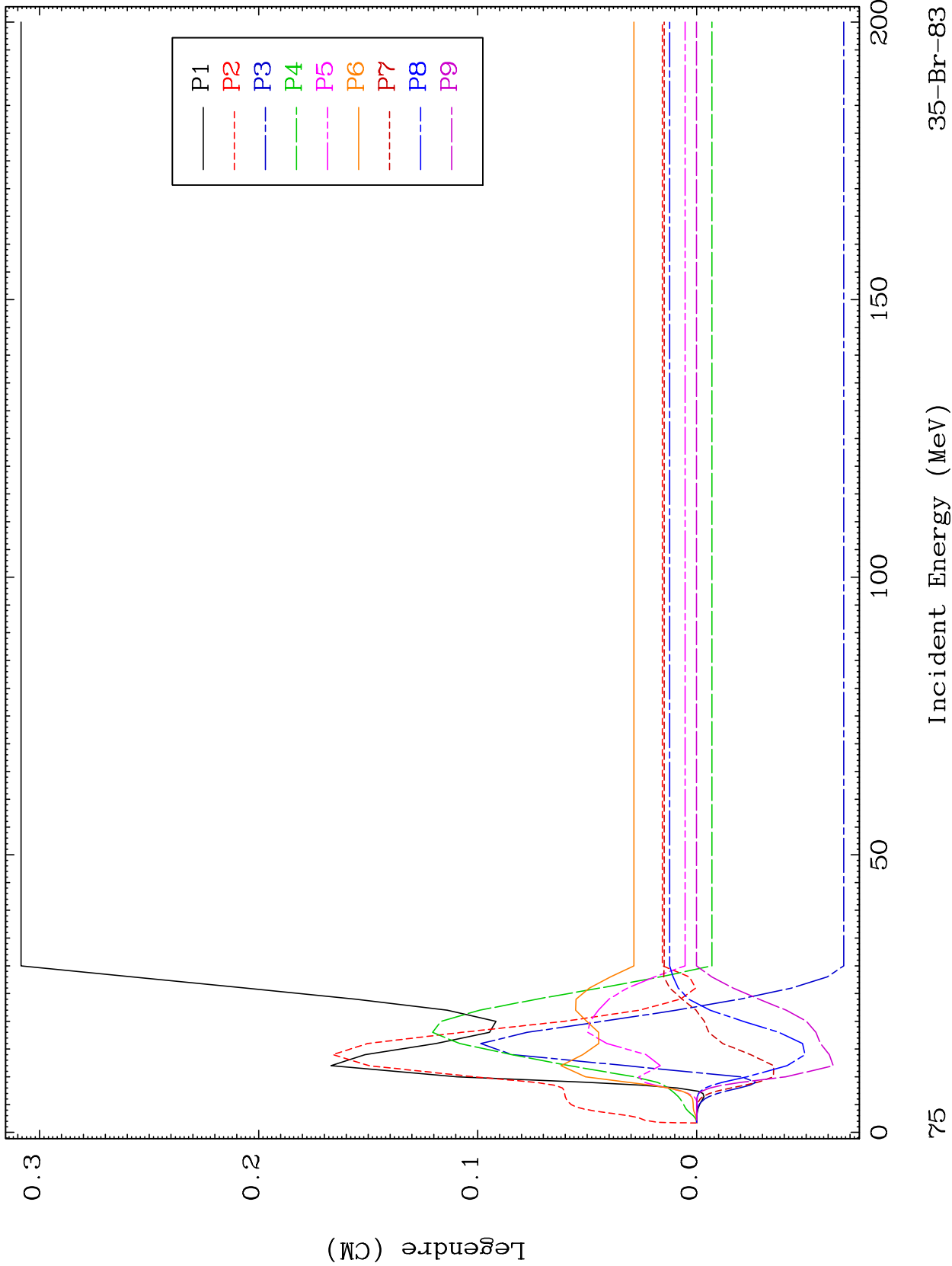
Incident Energy (MeV)

35-Br-83

MAT 3537

MT= 65 (n,n') Level  
Legendre Coefficients

35-Br-83

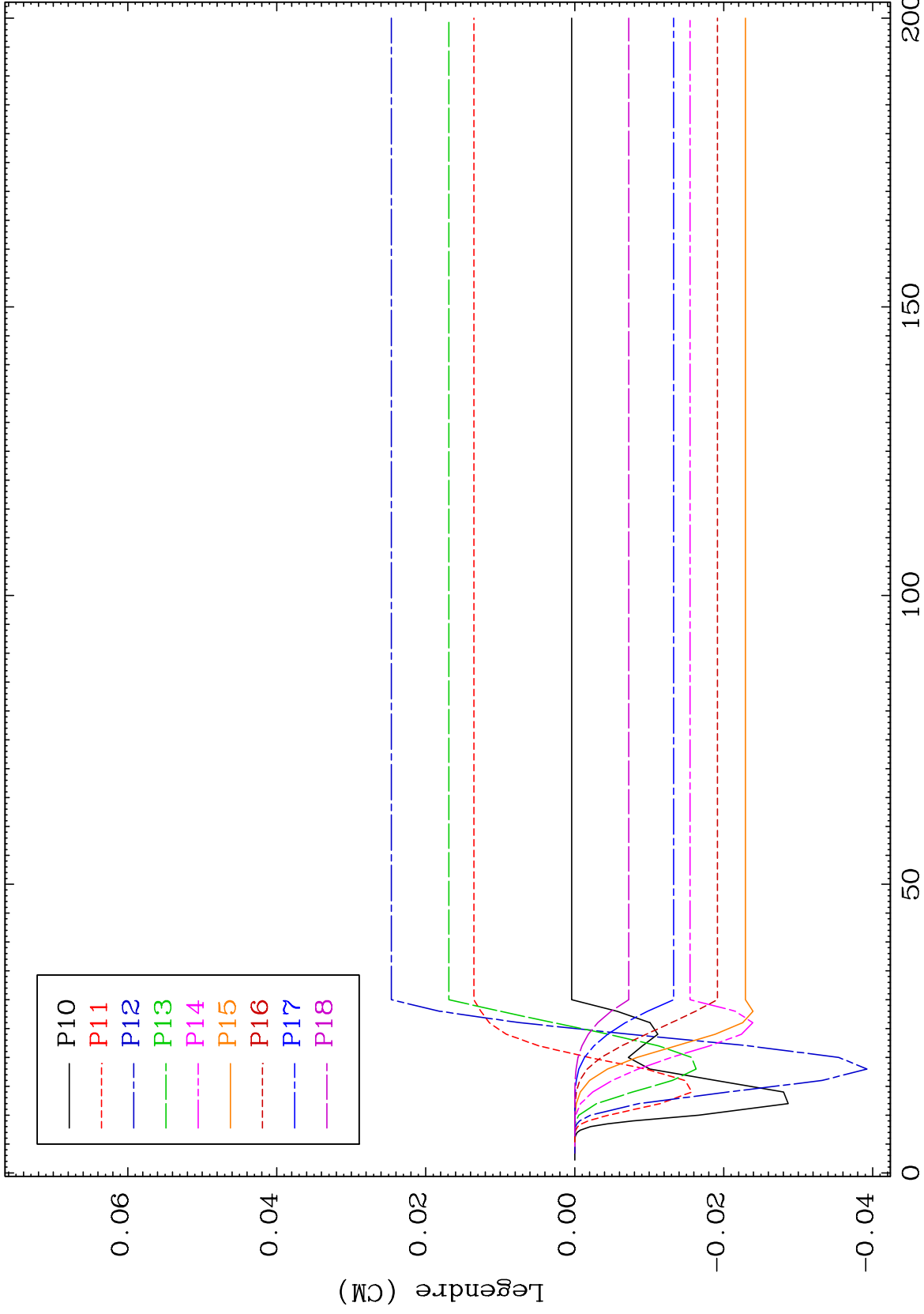


35-Br-83

MAT 3537

MT= 65 (n,n') Level  
Legendre Coefficients

35-Br-83



76

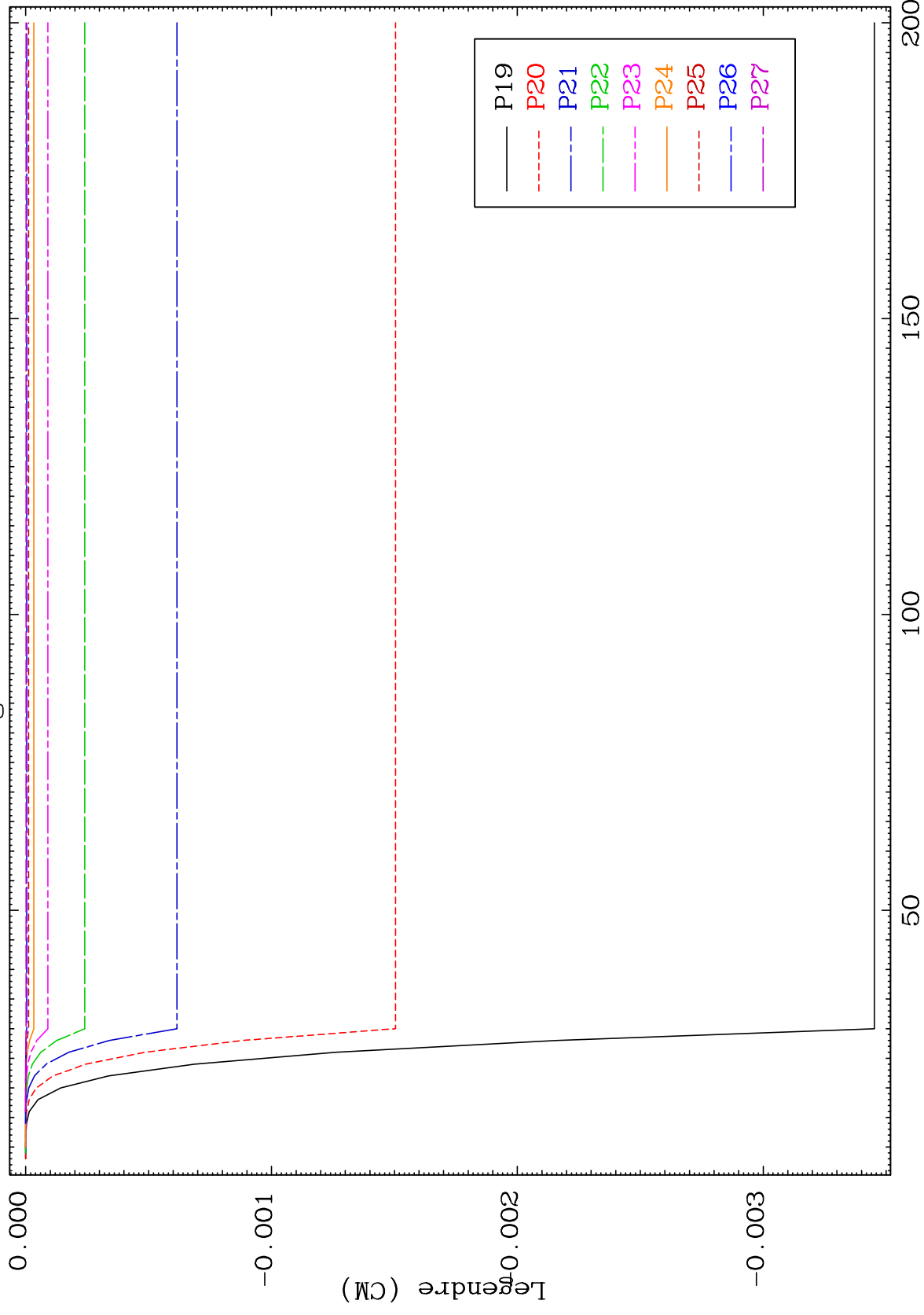
Incident Energy (MeV)

35-Br-83

MAT 3537

MT= 65 (n,n') Level  
Legendre Coefficients

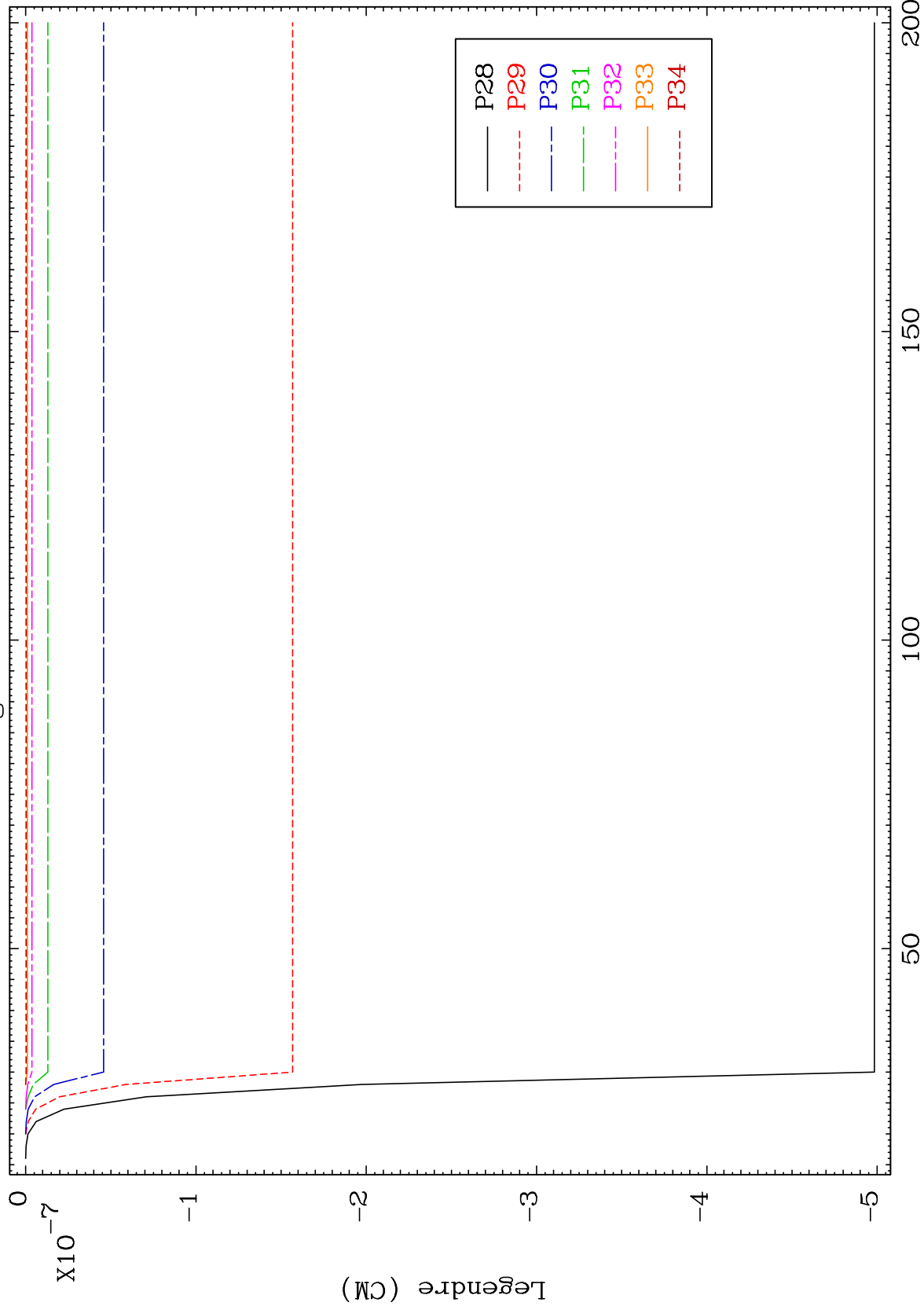
35-Br-83



MAT 3537

MT= 65 (n,n') Level  
Legendre Coefficients

35-Br-83



78

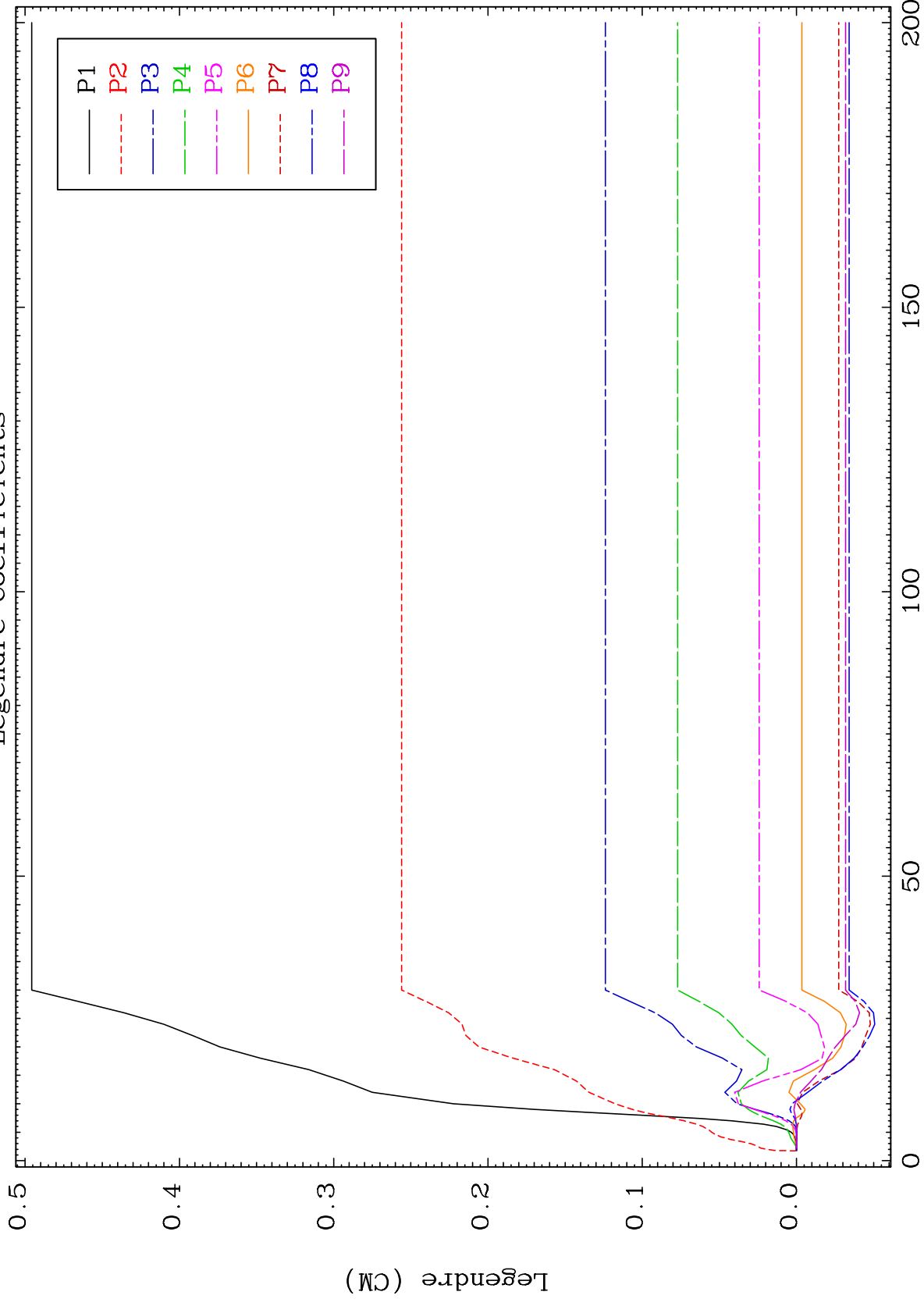
Incident Energy (MeV)

35-Br-83

MAT 3537

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

35-Br-83



79

Incident Energy (MeV)

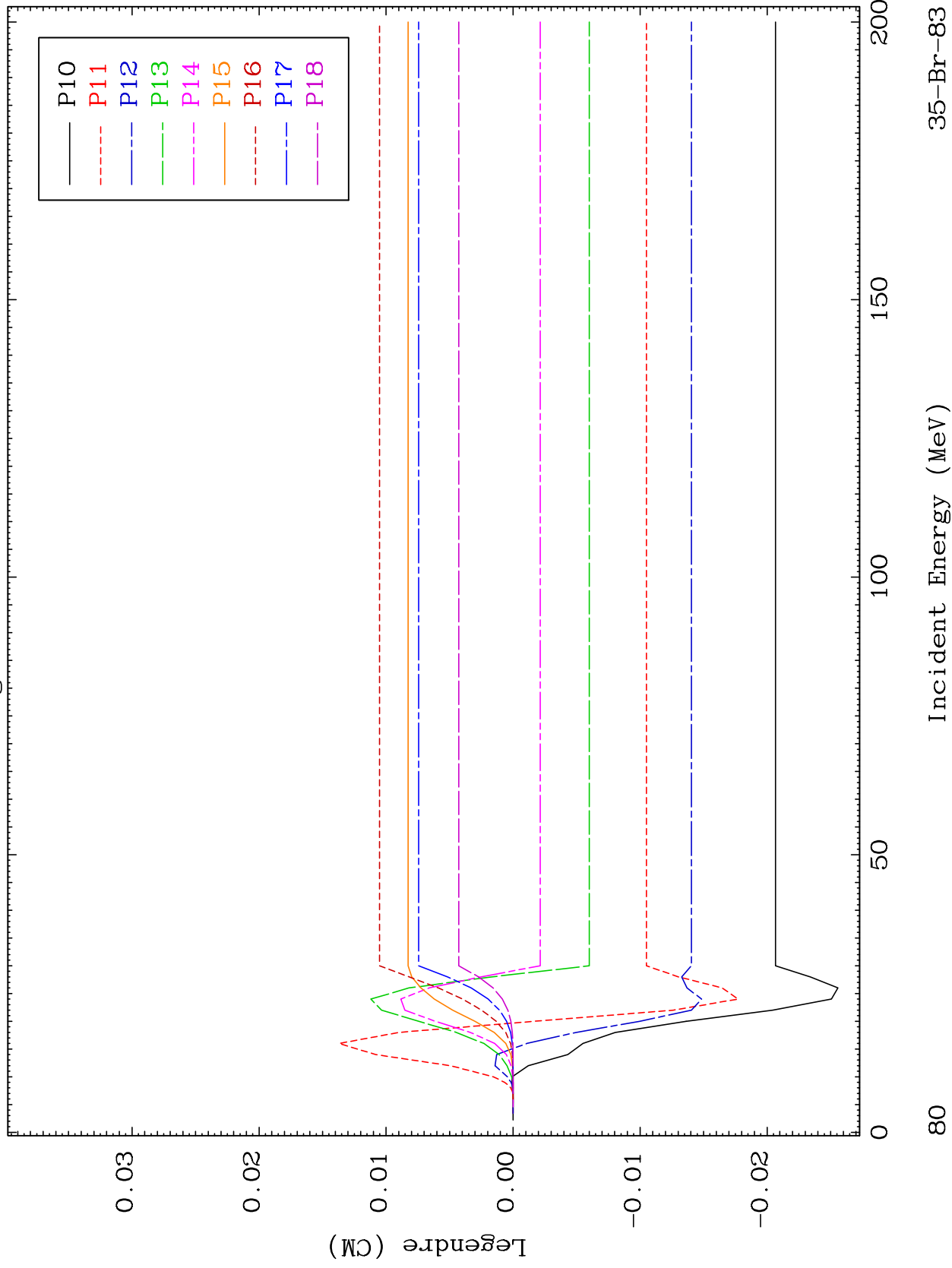
35-Br-83



MAT 3537

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

35-Br-83



35-Br-83

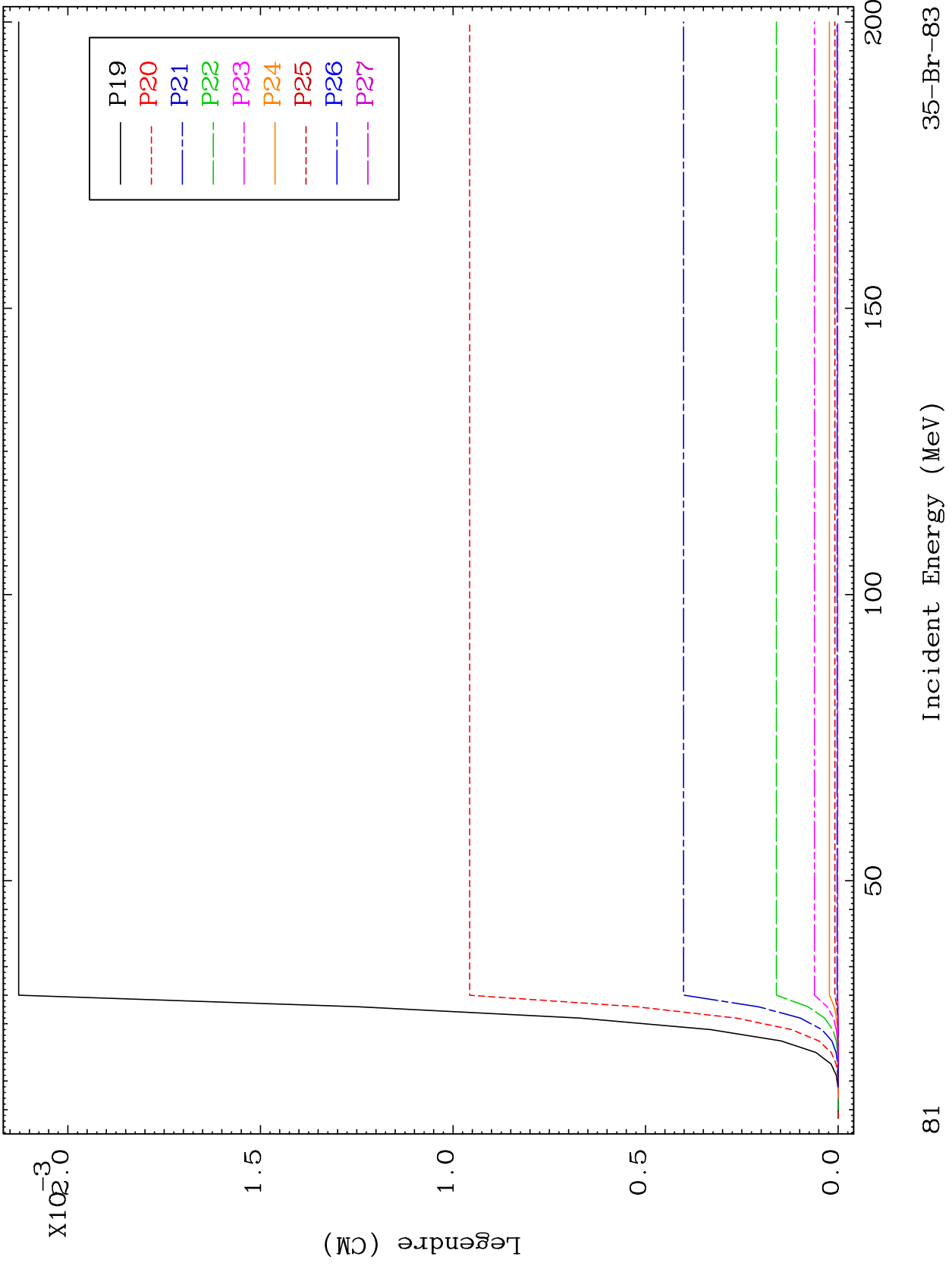
Incident Energy (MeV)

80

MAT 3537

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

35-Br-83



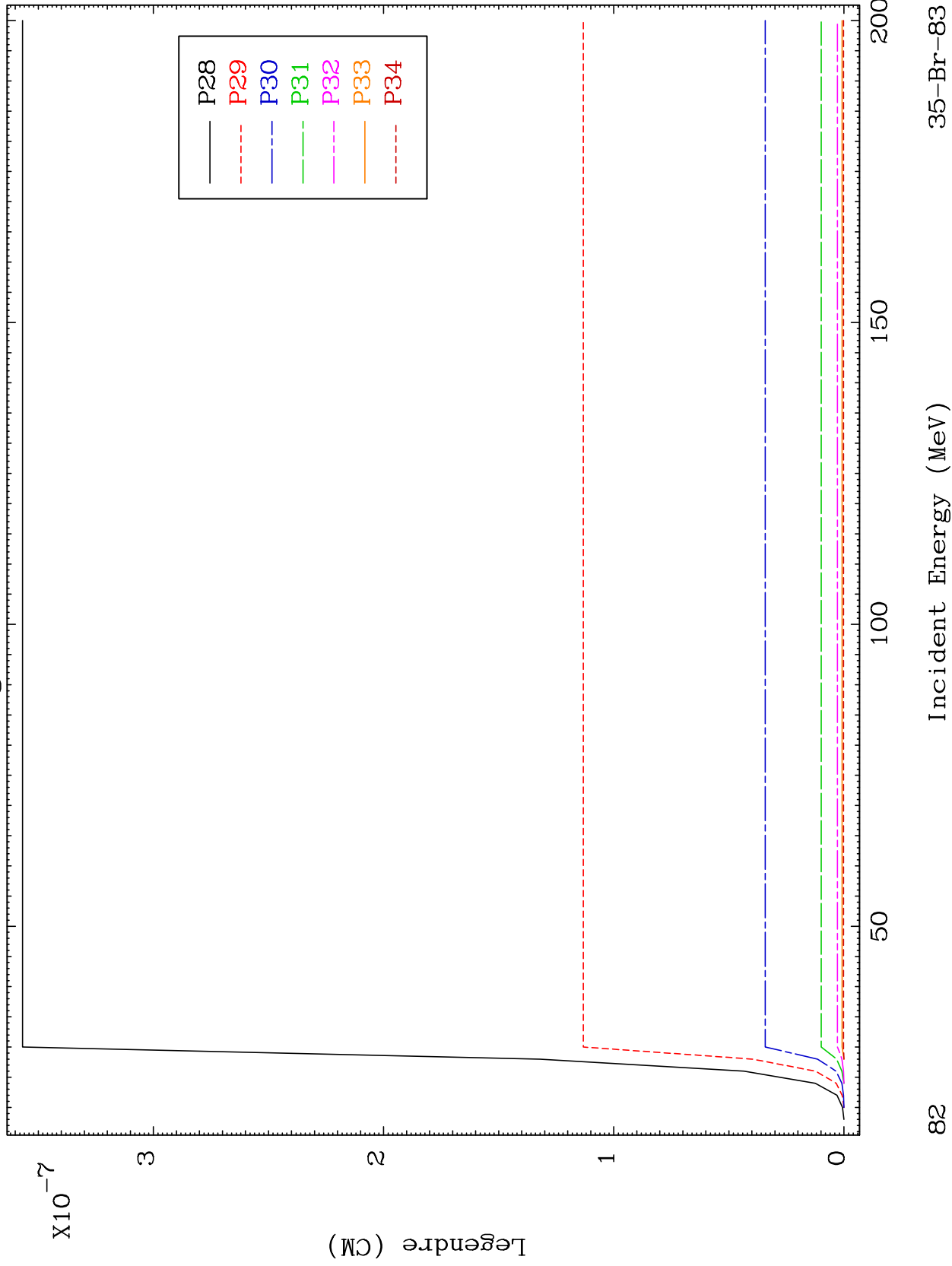
81

35-Br-83

MAT 3537

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

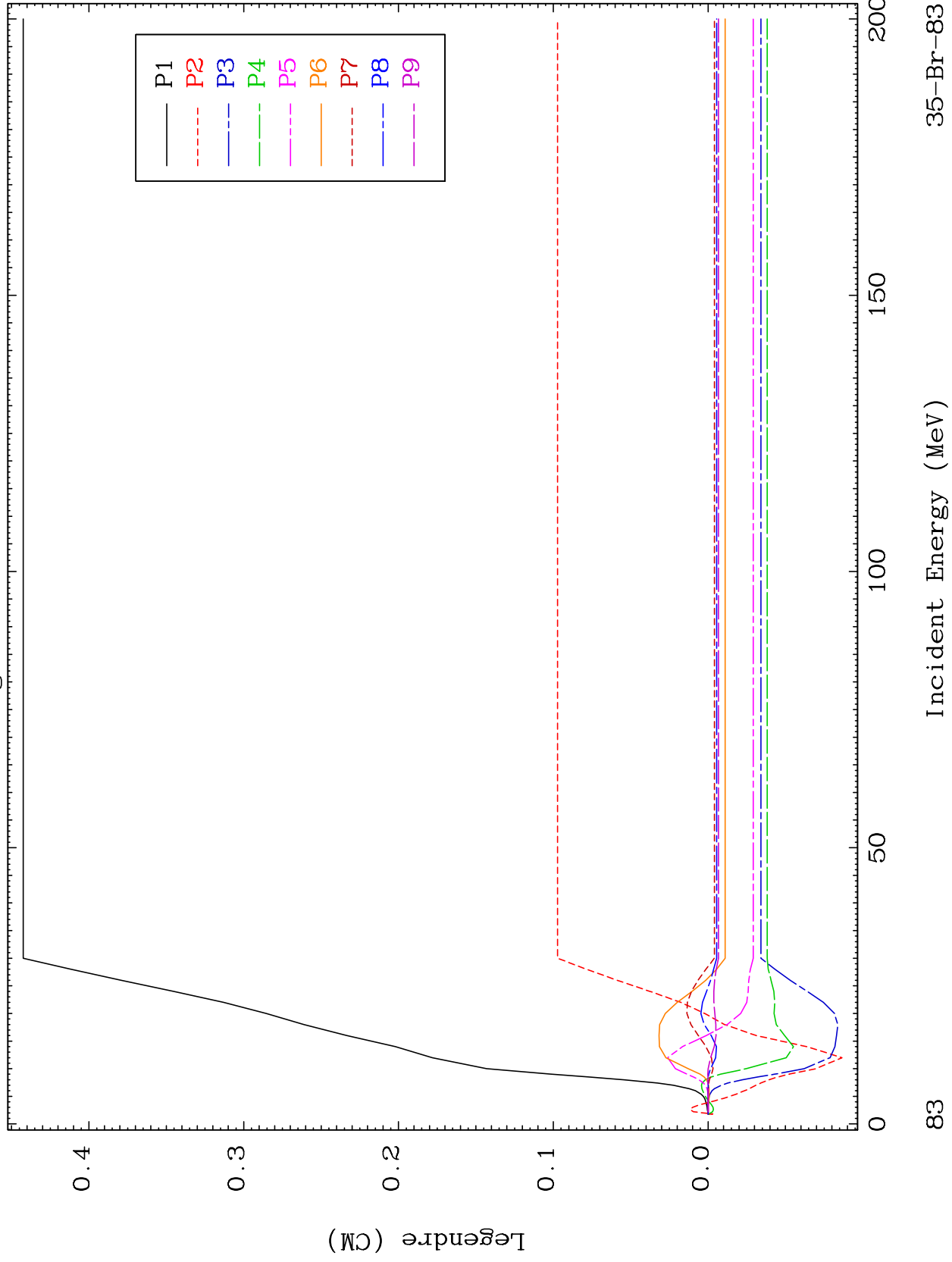
35-Br-83



MAT 3537

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

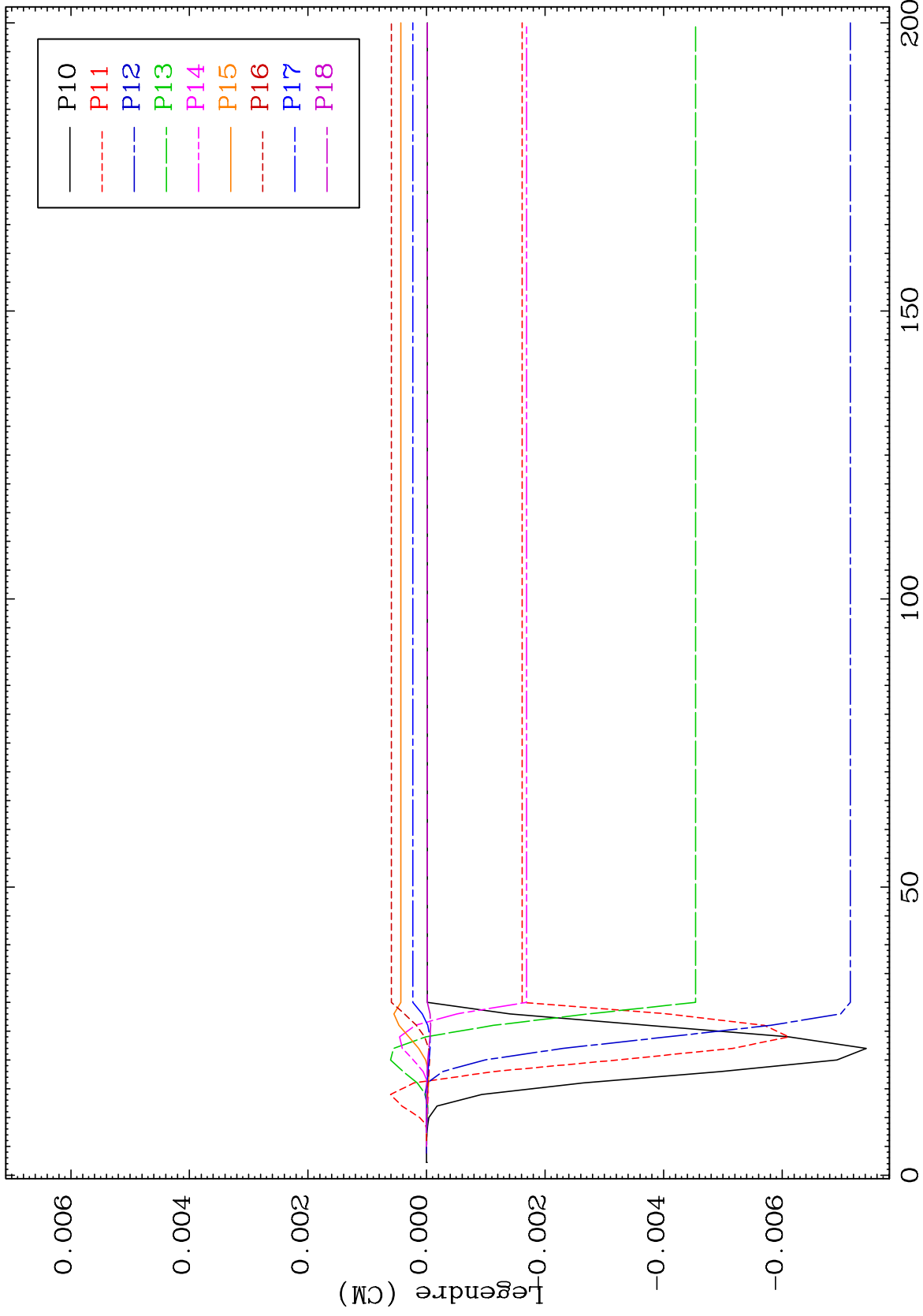
35-Br-83



83

Incident Energy (MeV)

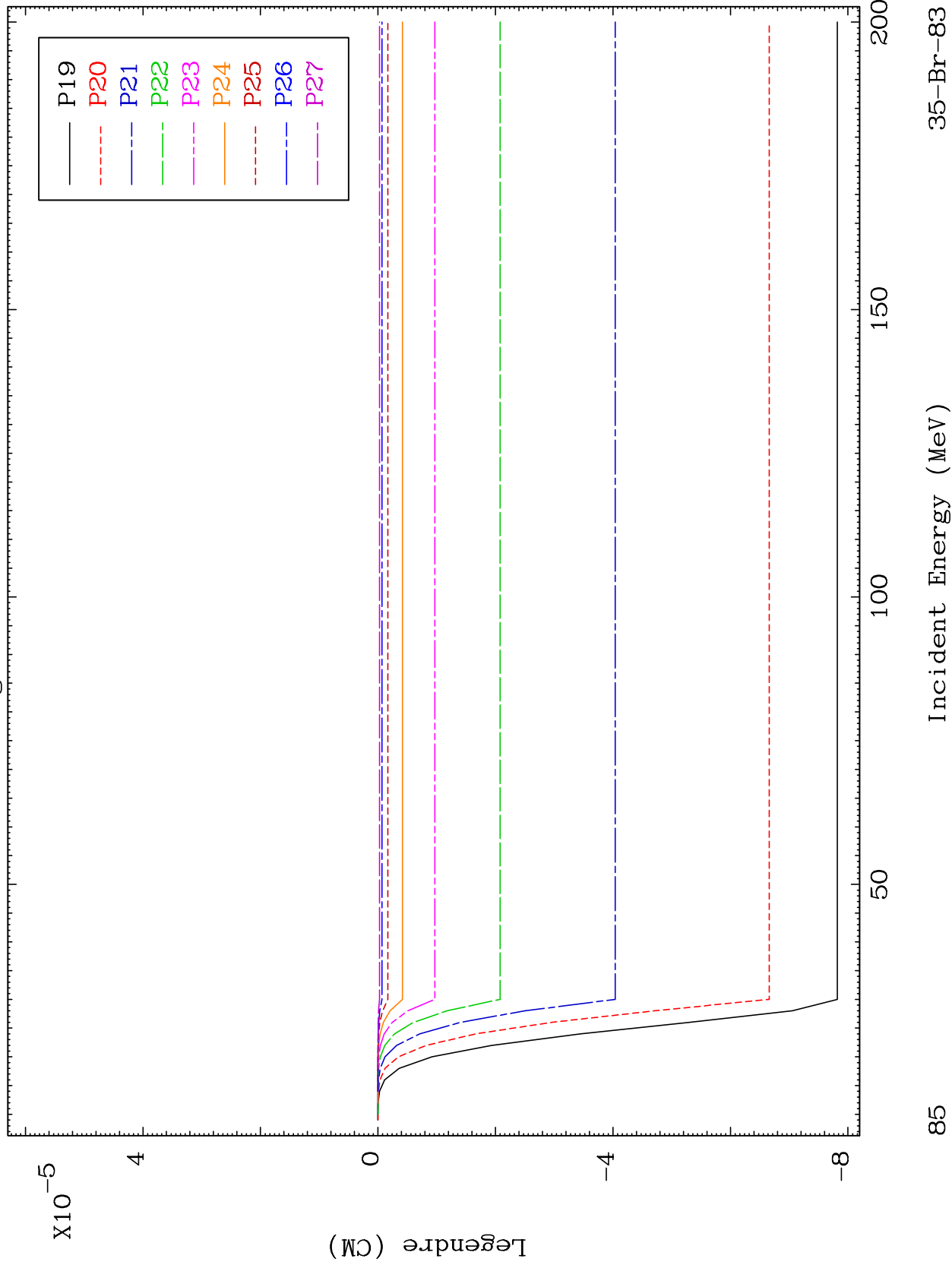
35-Br-83



MAT 3537

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

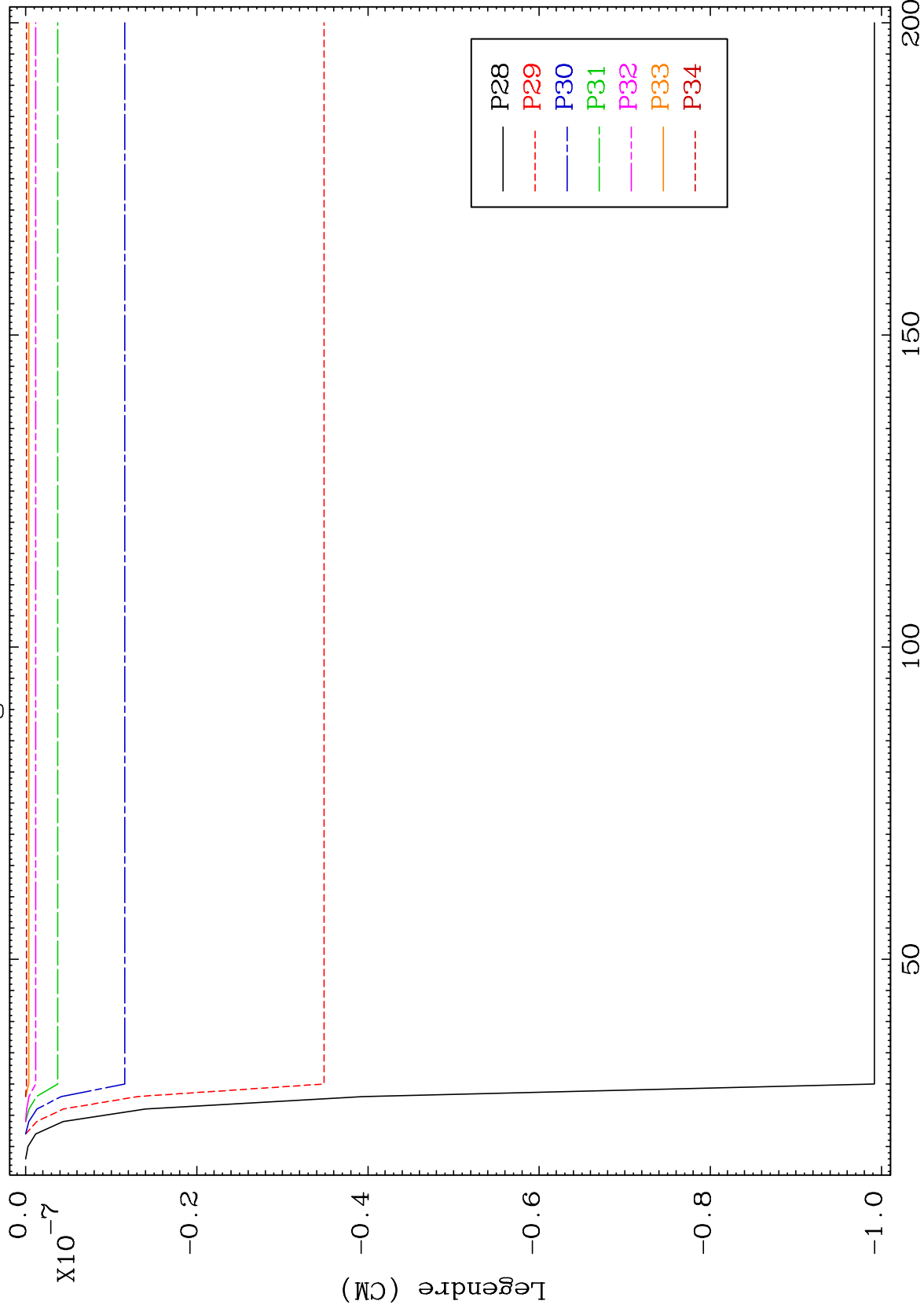
35-Br-83



MAT 3537

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

35-Br-83



86

Incident Energy (MeV)

35-Br-83

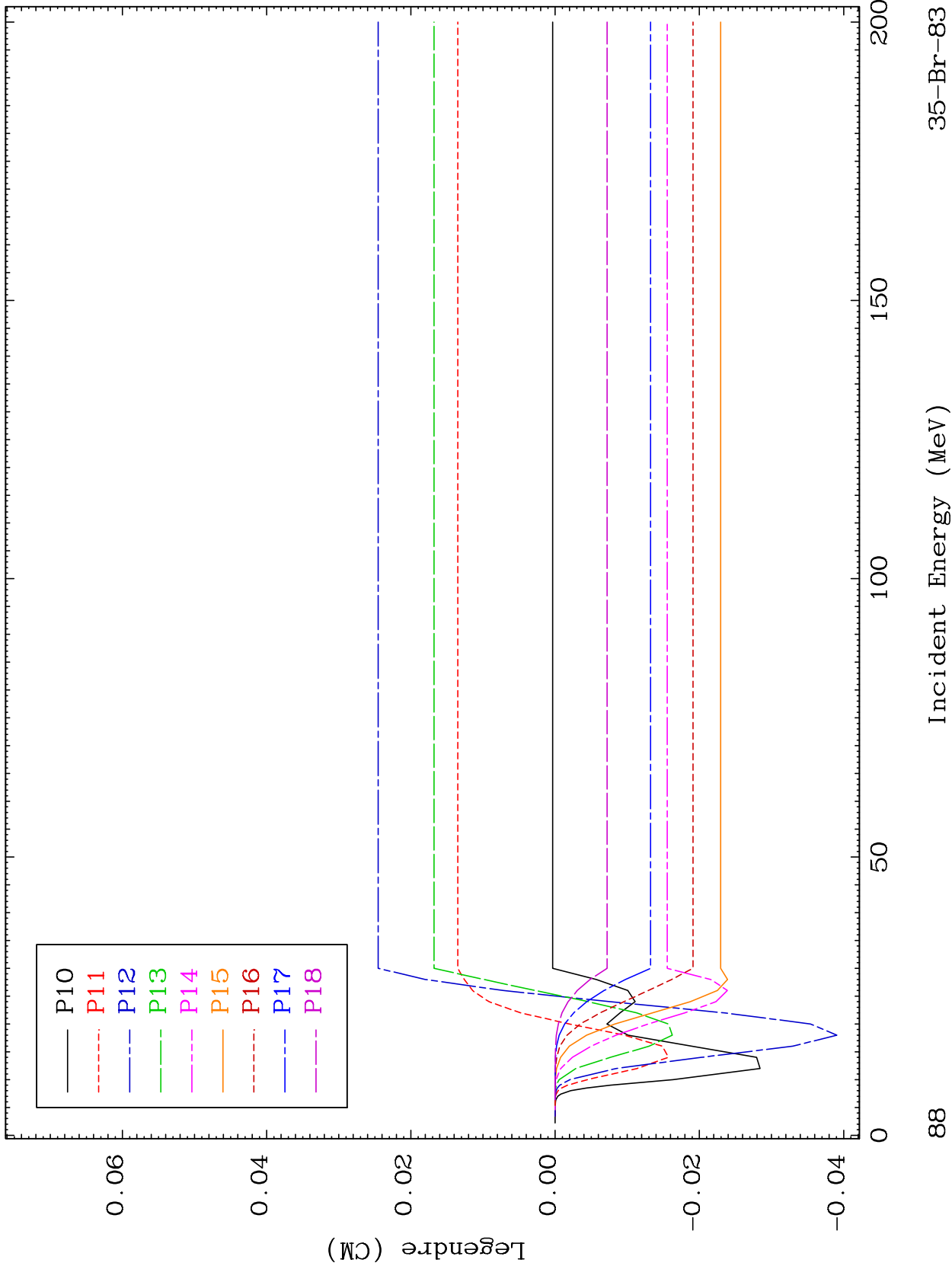


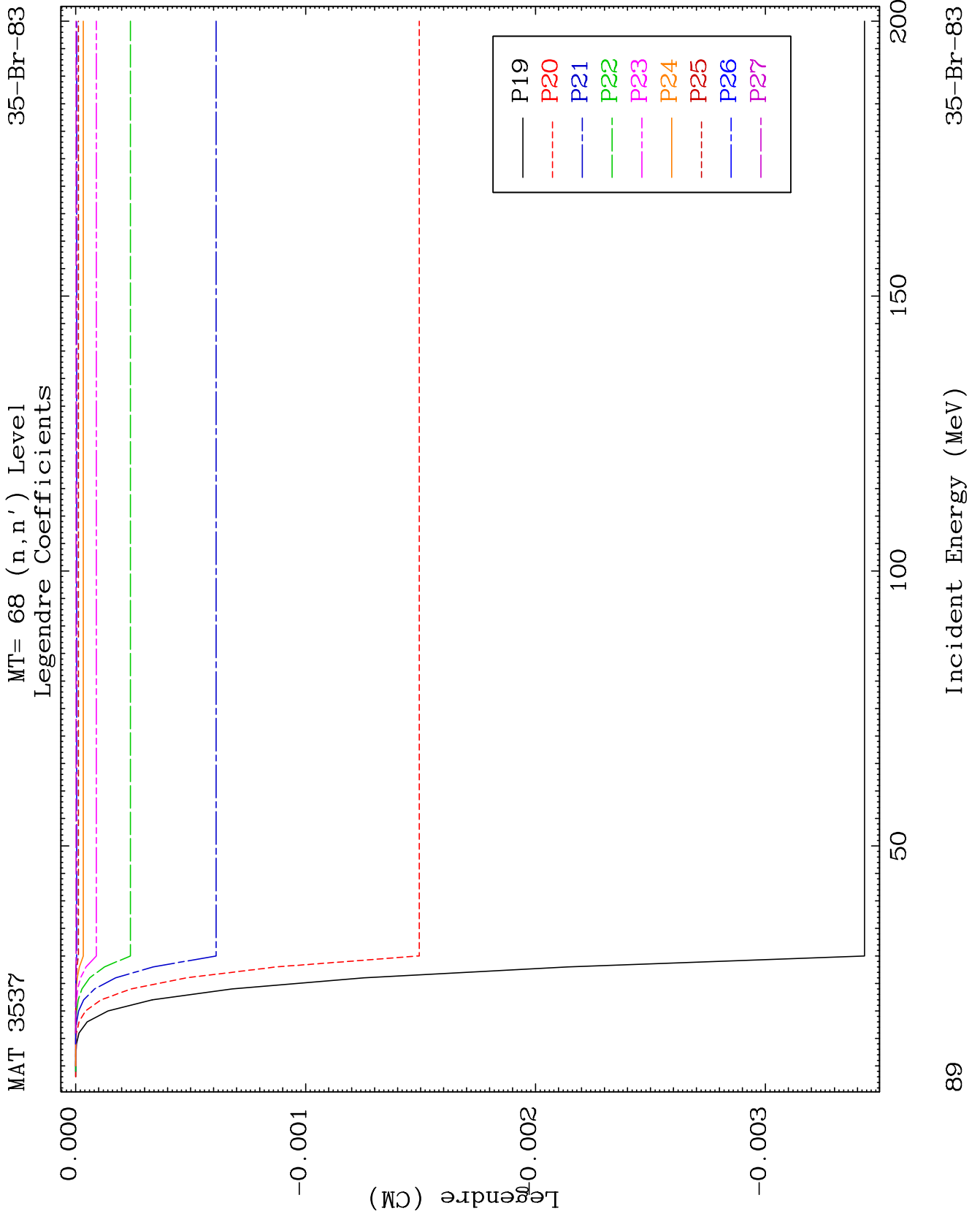


MAT 3537

MT= 68 (n,n') Level  
Legendre Coefficients

35-Br-83

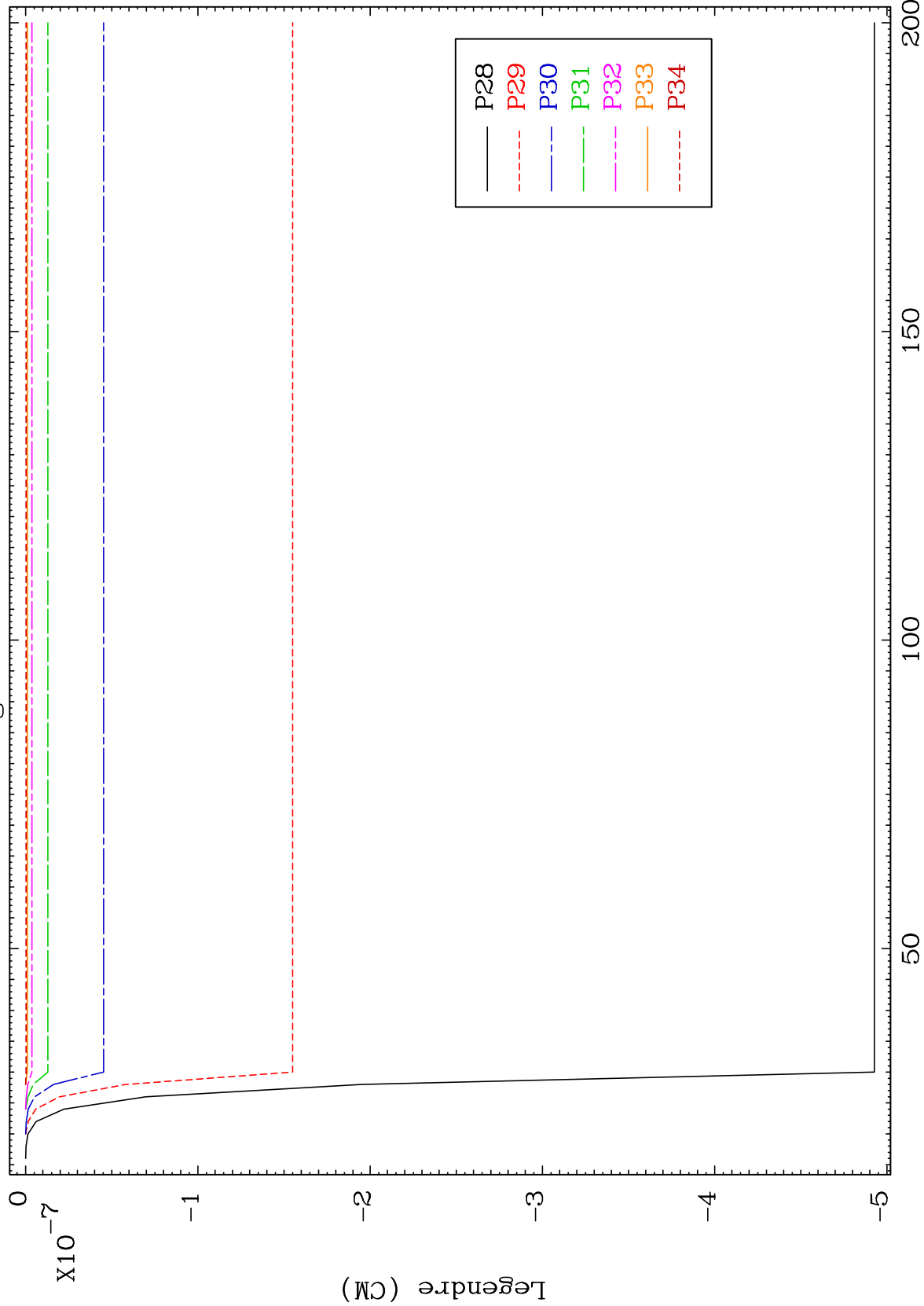




MAT 3537

MT= 68 (n,n') Level  
Legendre Coefficients

35-Br-83



90

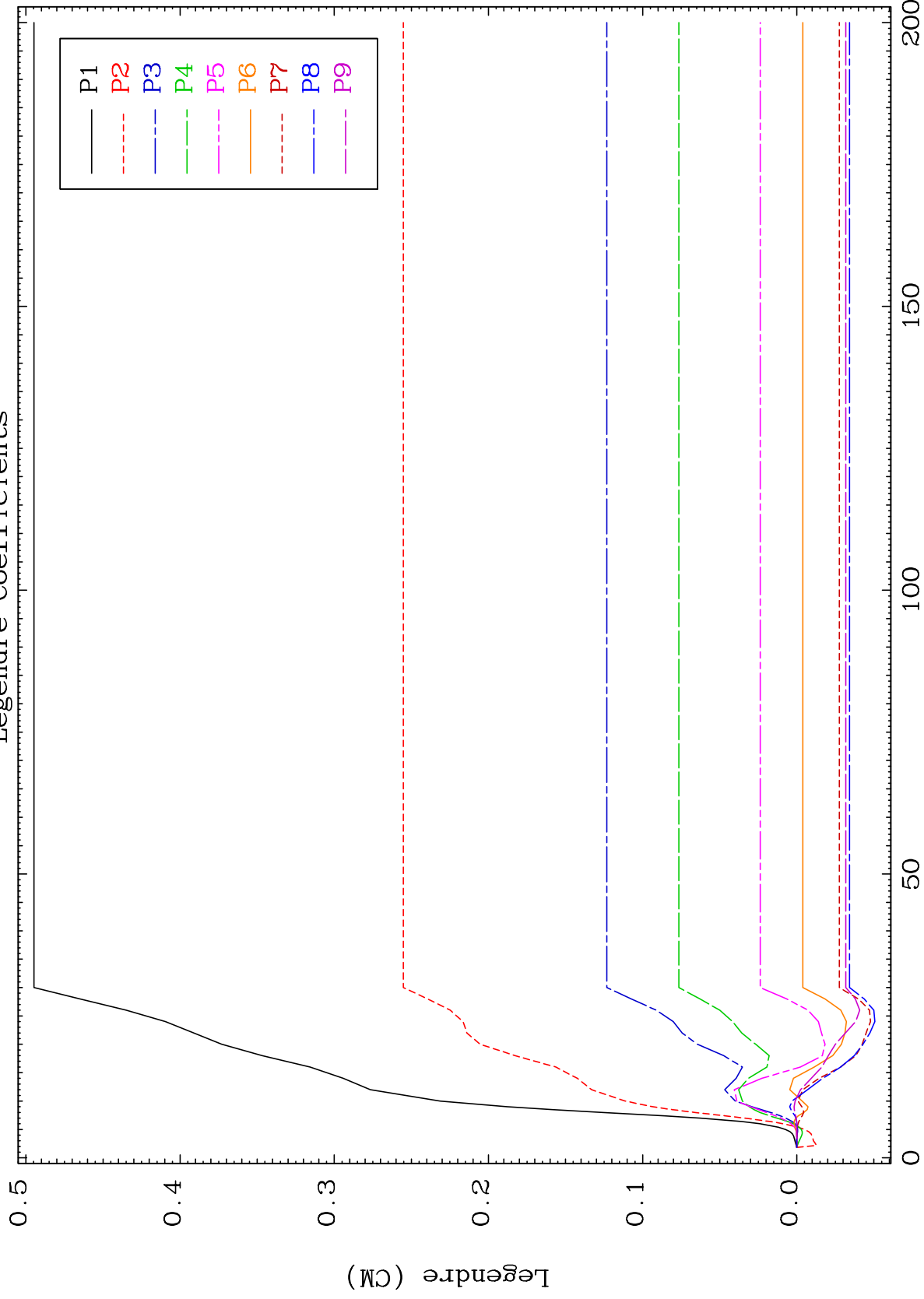
Incident Energy (MeV)

35-Br-83

MAT 3537

MT= 69 (n,n') Level  
Legendre Coefficients

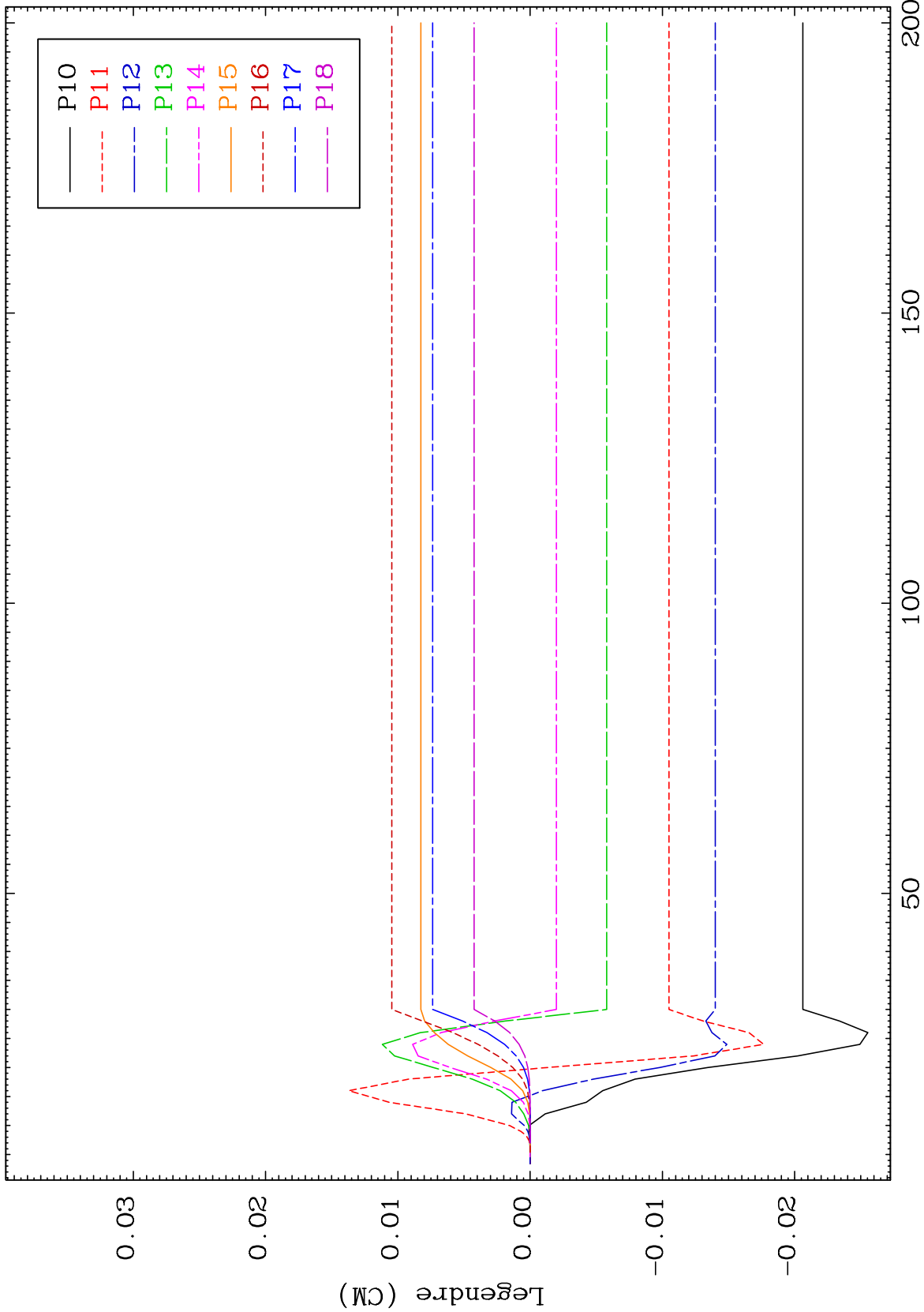
35-Br-83

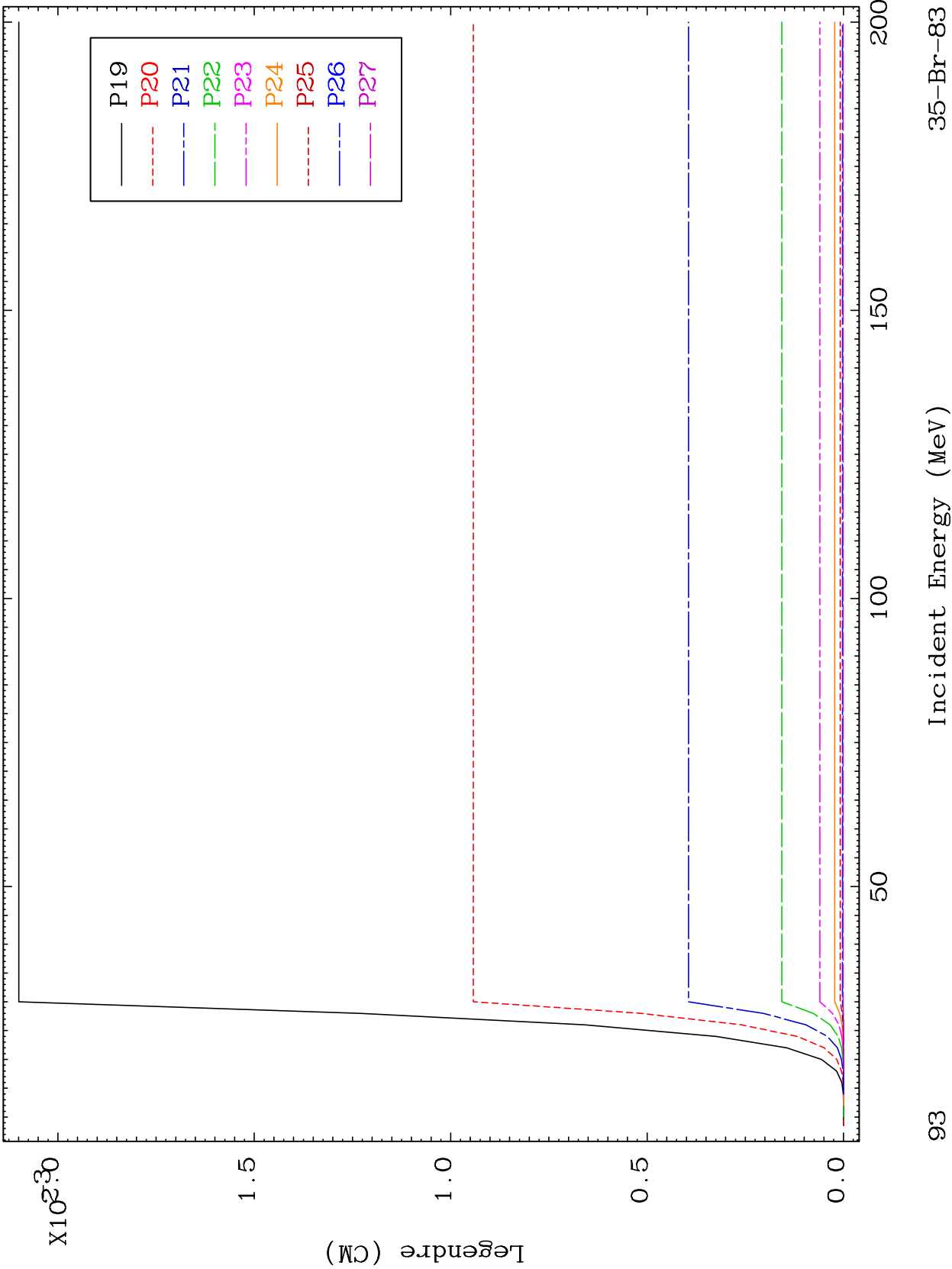


91

Incident Energy (MeV)

35-Br-83

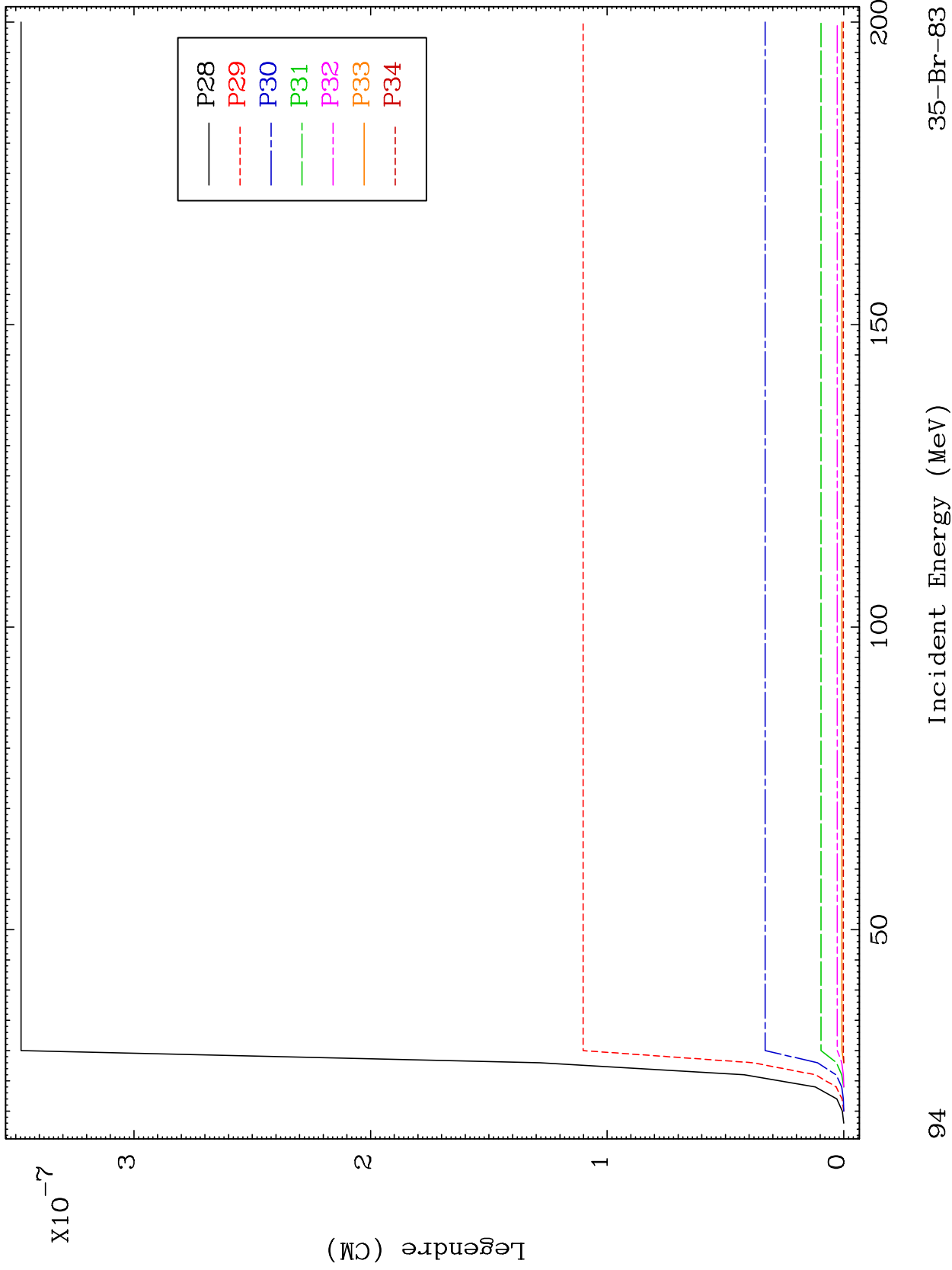




MAT 3537

MT= 69 (n,n') Level  
Legendre Coefficients

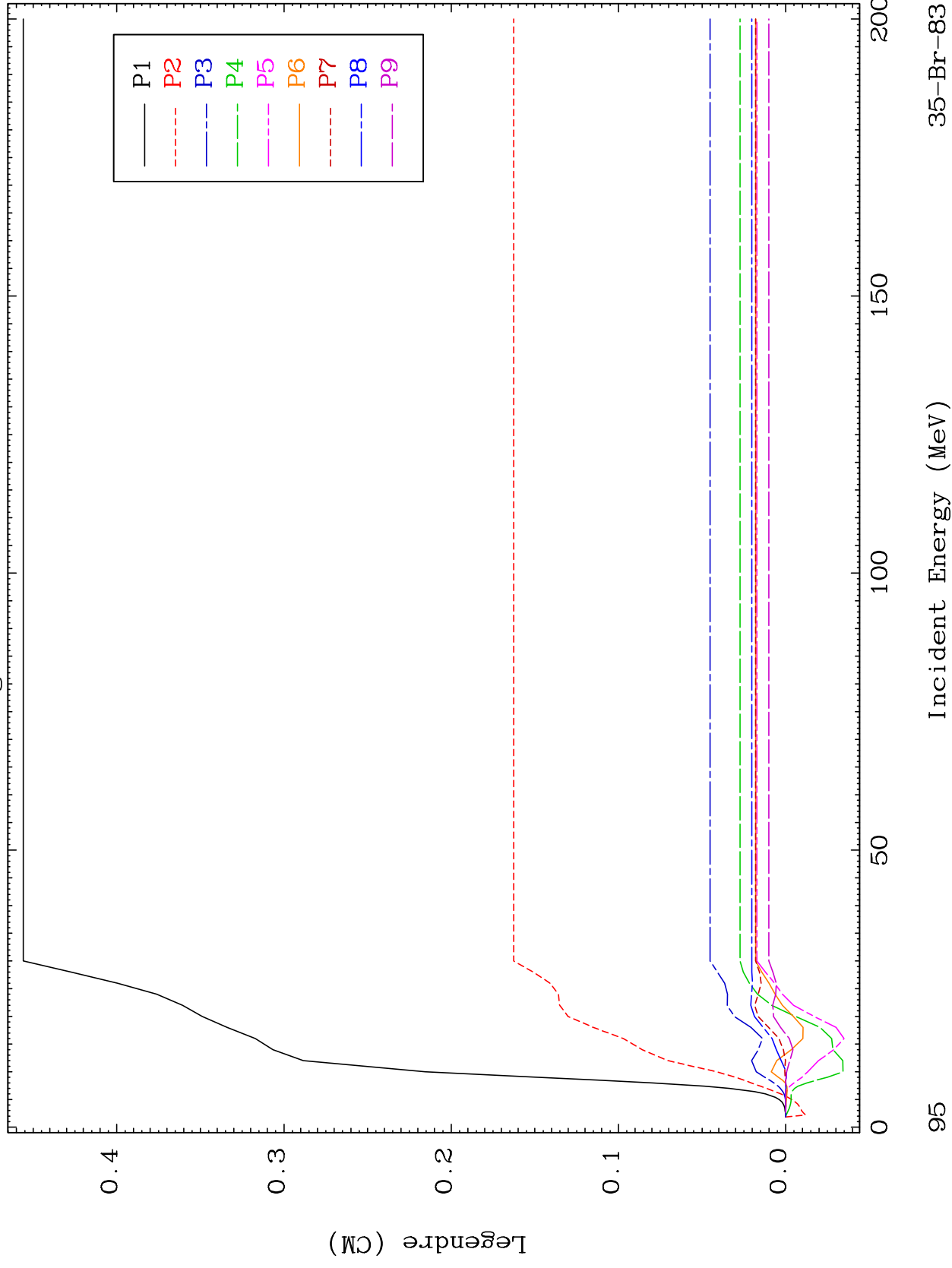
35-Br-83



MAT 3537

MT= 70 (n,n') Level  
Legendre Coefficients

35-Br-83

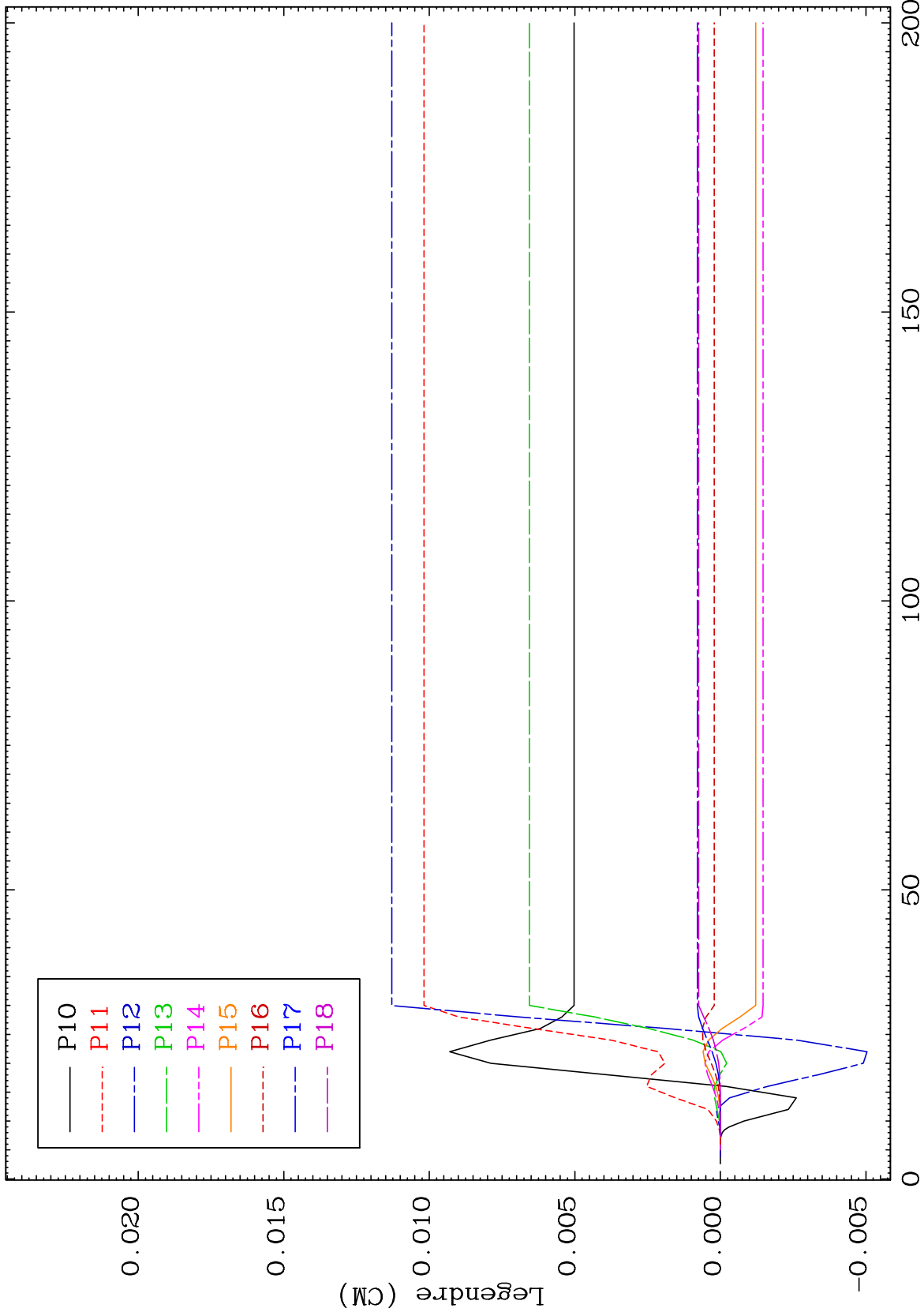


35-Br-83

Incident Energy (MeV)

95

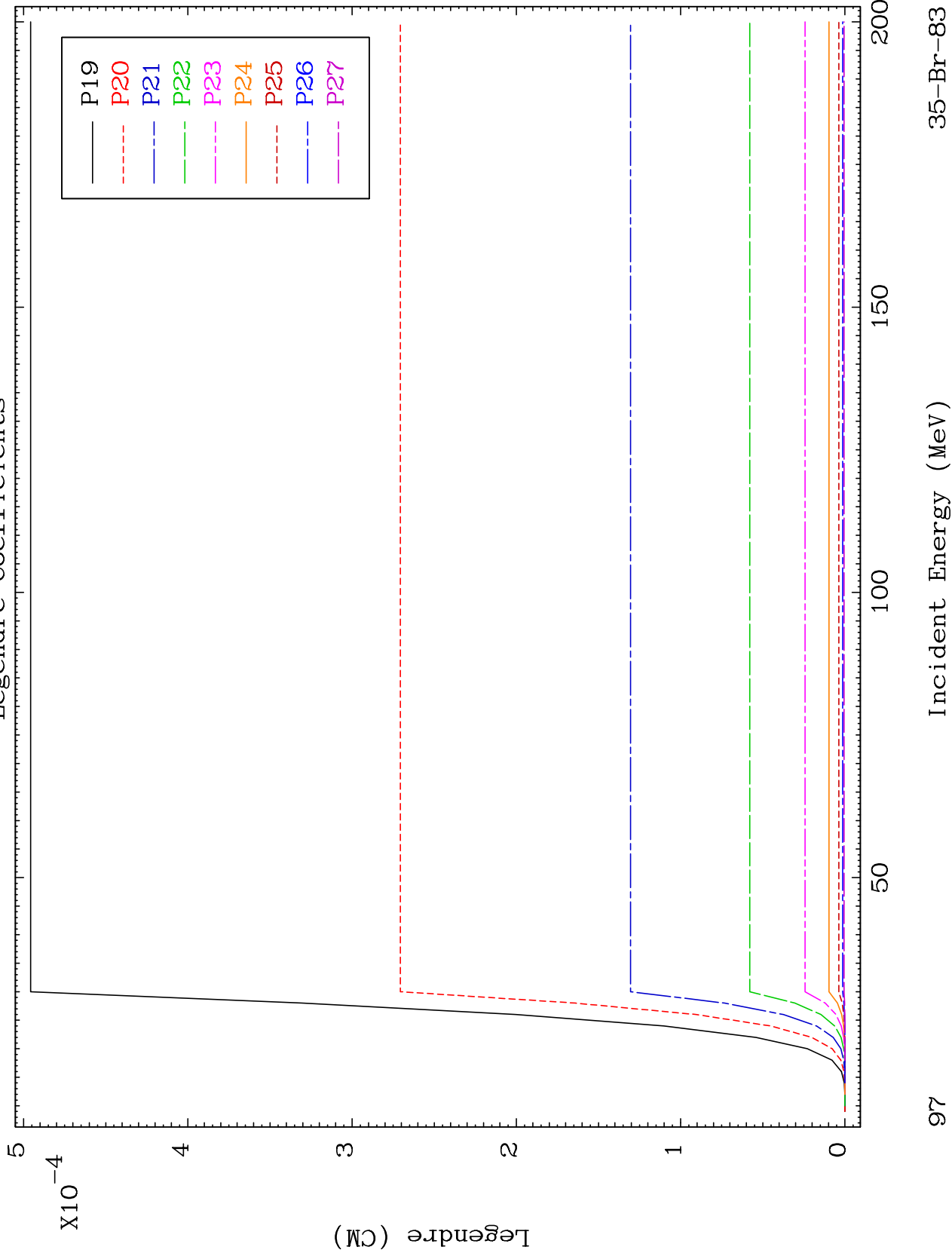




MAT 3537

MT= 70 (n,n') Level  
Legendre Coefficients

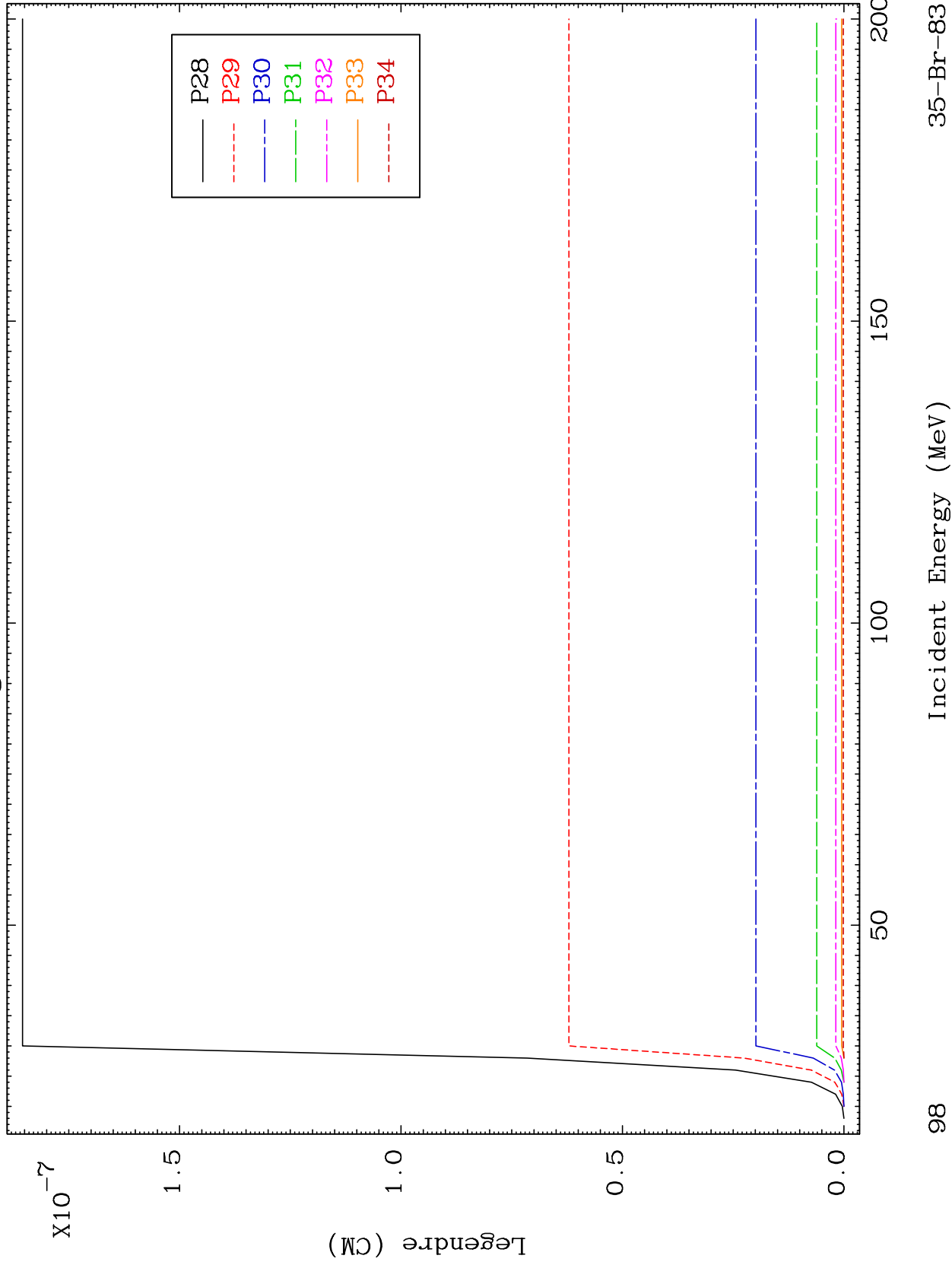
35-Br-83



MAT 3537

MT= 70 (n,n') Level  
Legendre Coefficients

35-Br-83



98

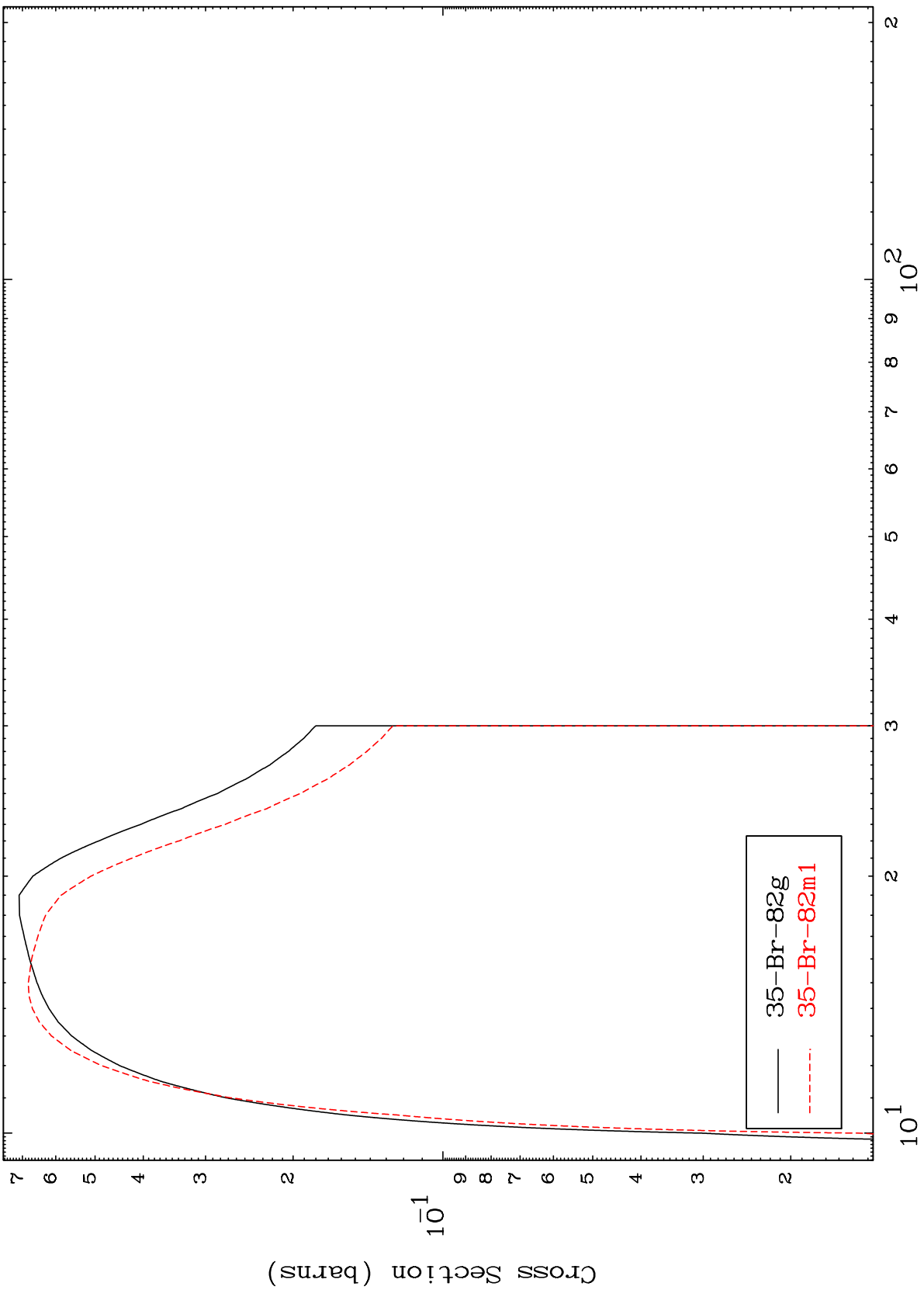
Incident Energy (MeV)

35-Br-83

MAT 3537

35-Br-83

(n,2n)  
Radionuclide Production Cross Section



35-Br-83

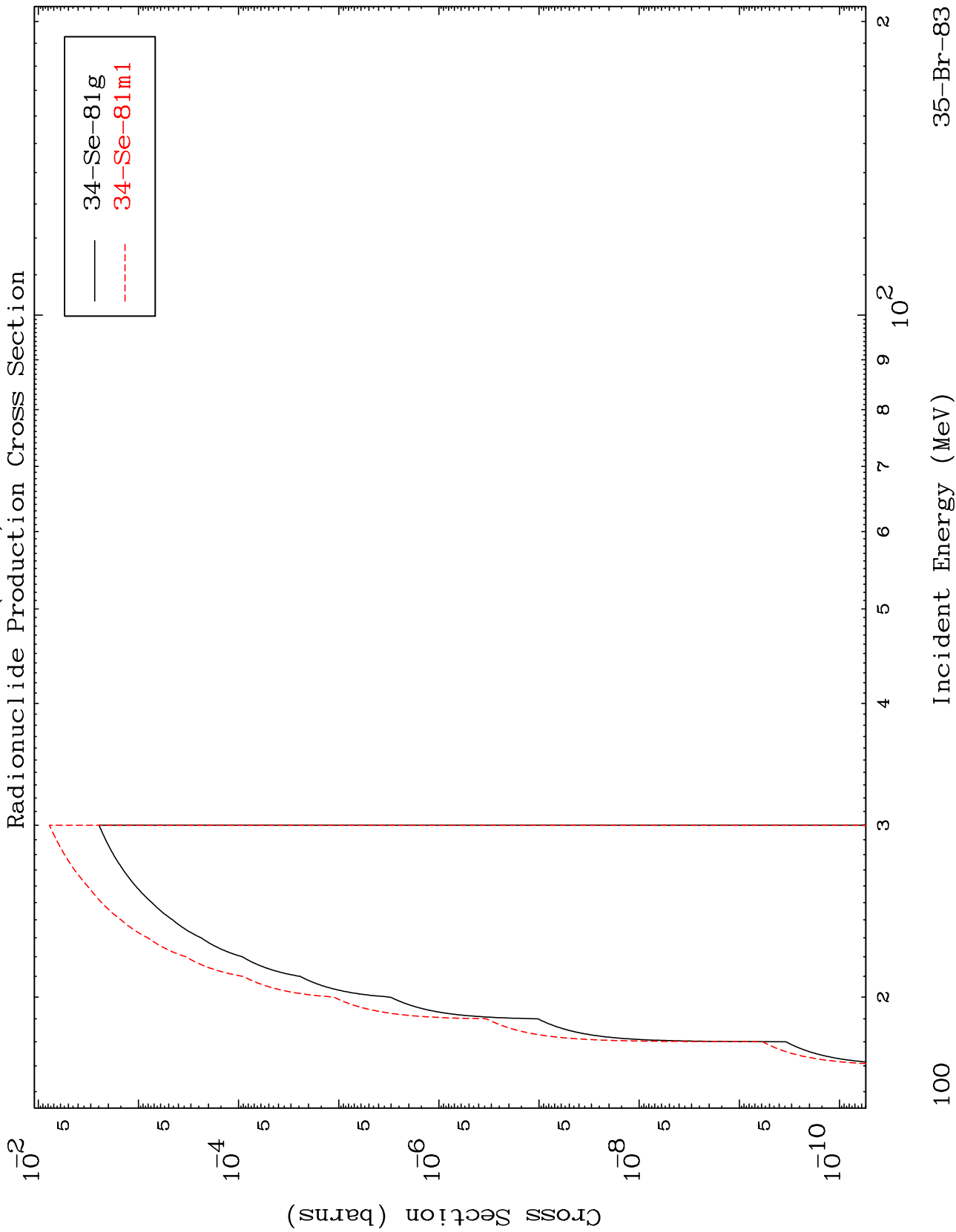
Incident Energy (MeV)

99

MAT 3537

(n,n') d

35-Br-83



100

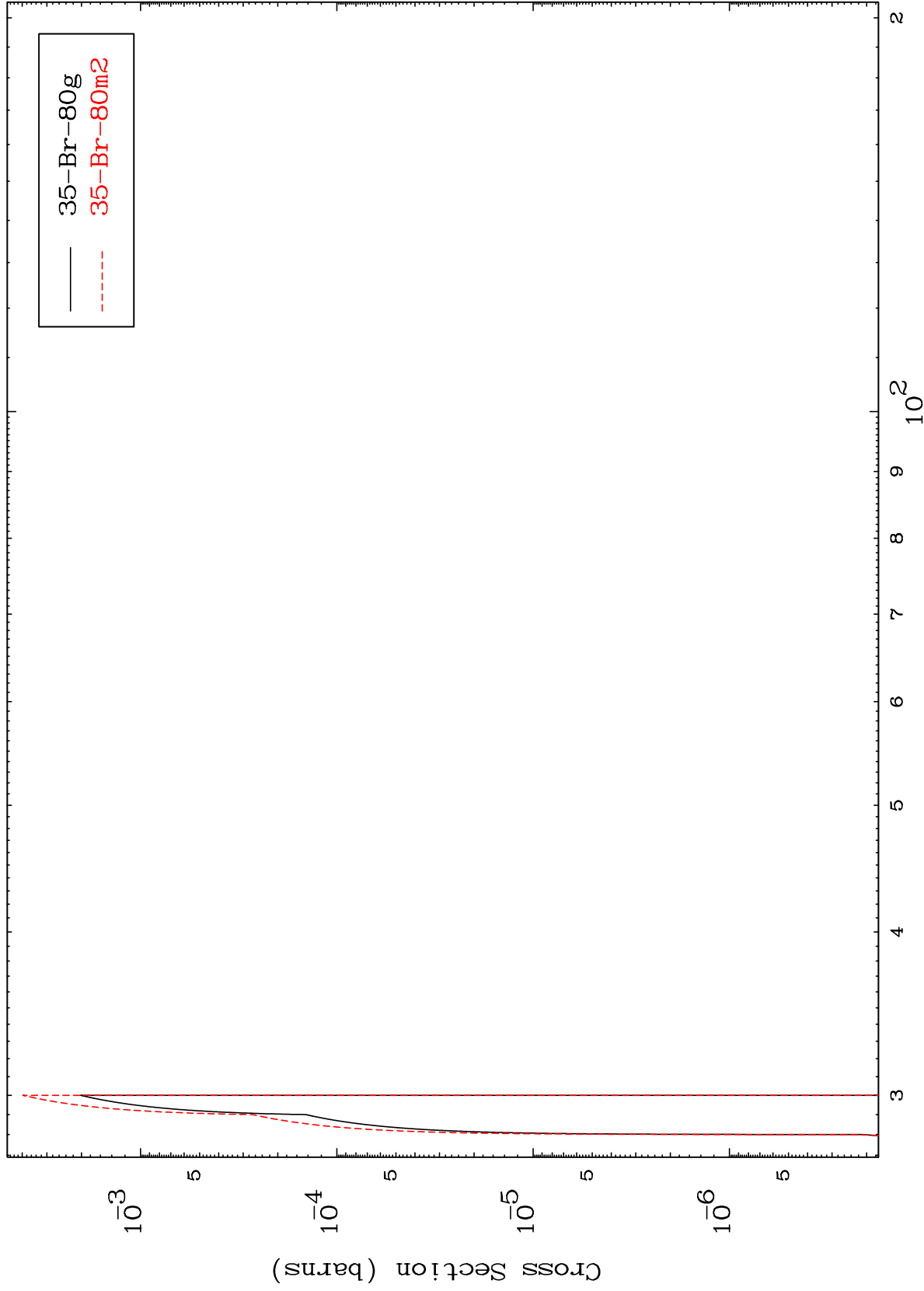
Incident Energy (MeV)

35-Br-83

MAT 3537

35-Br-83

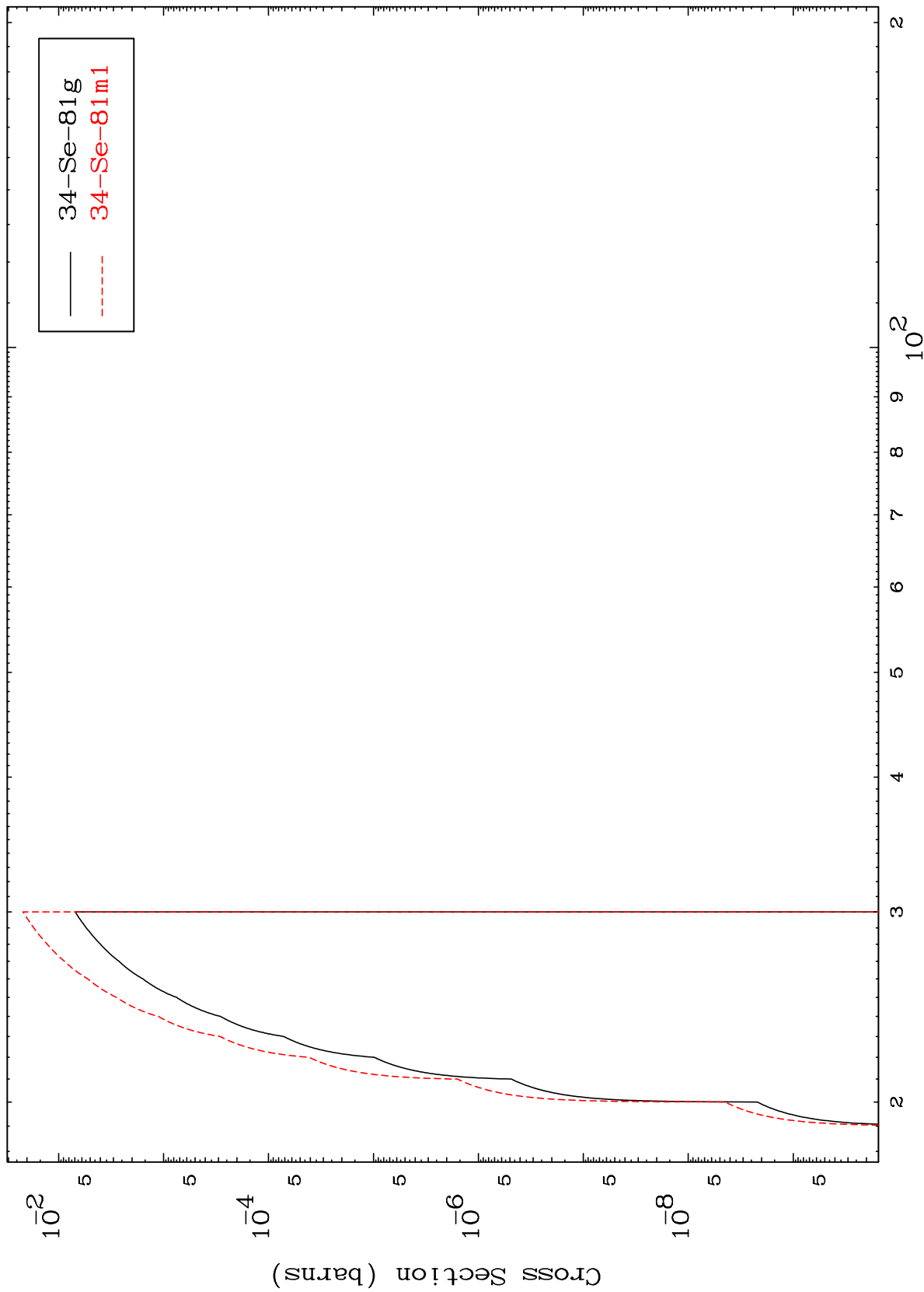
(n,4n)  
Radionuclide Production Cross Section



101

35-Br-83

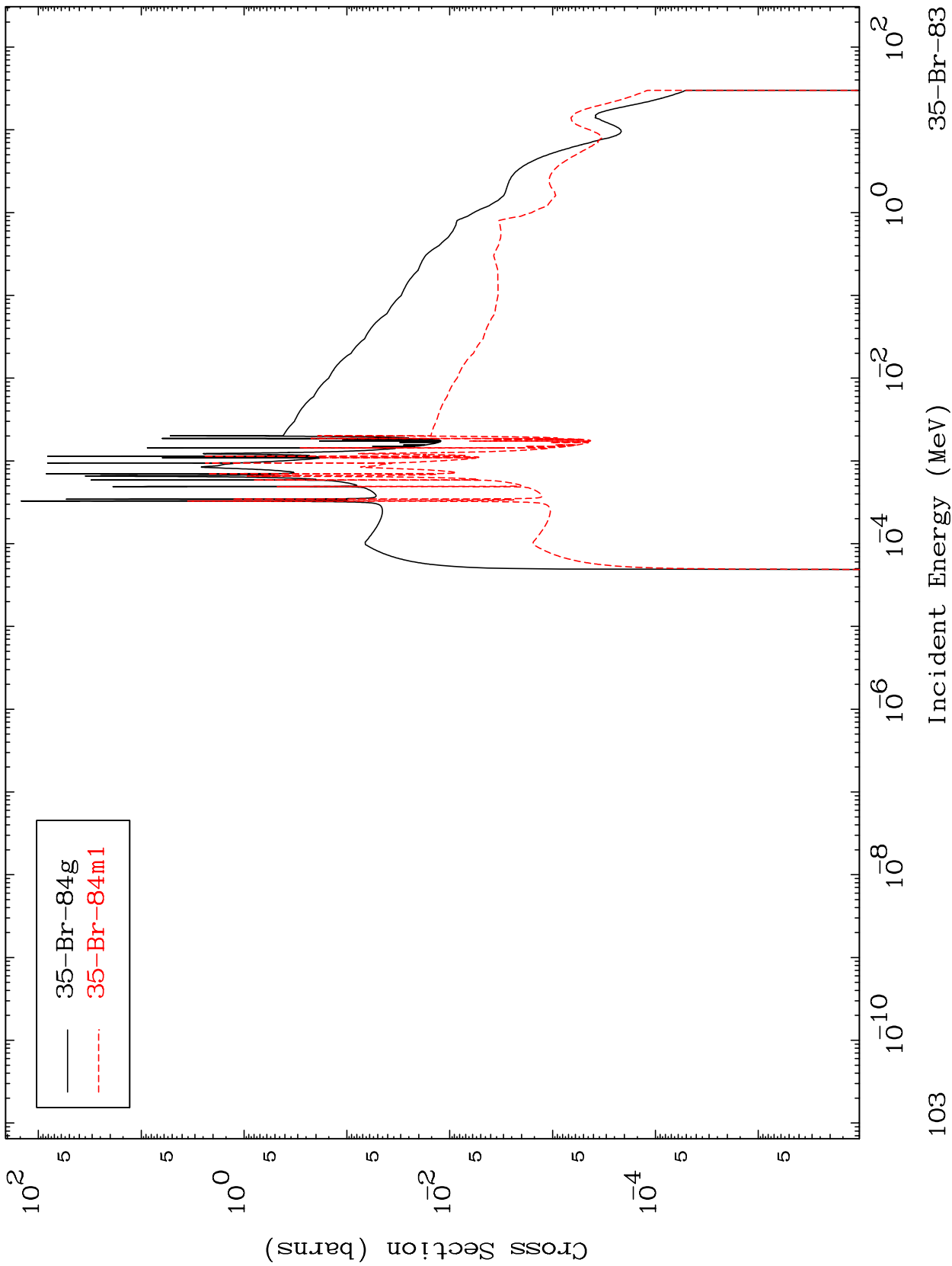
Radionuclide Production Cross Section



MAT 3537

<sup>35</sup>Br-83

(n,γ)  
Radionuclide Production Cross Section



103

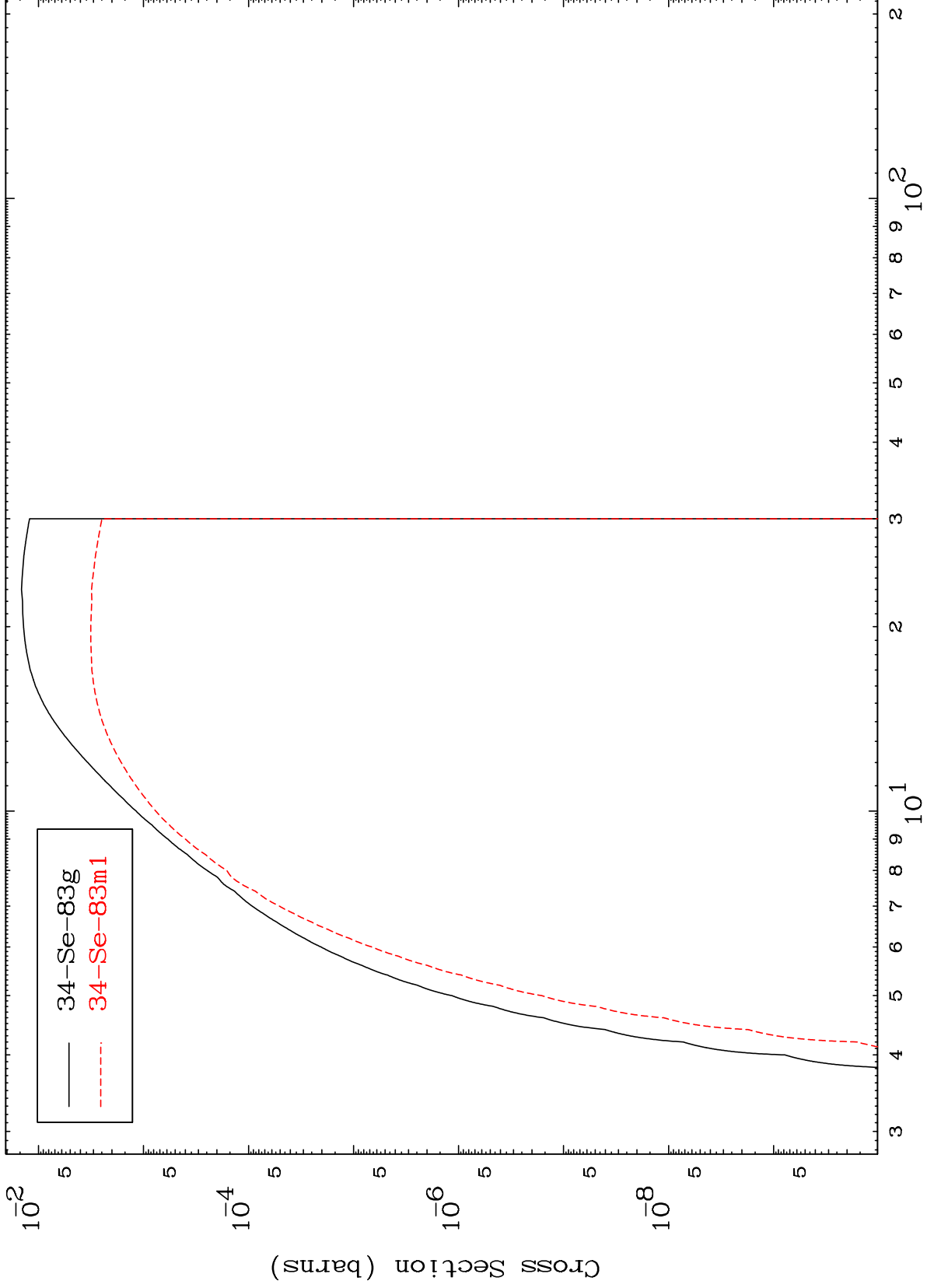
<sup>35</sup>Br-83



MAT 3537

35-Br-83

(n,p)  
Radionuclide Production Cross Section



104

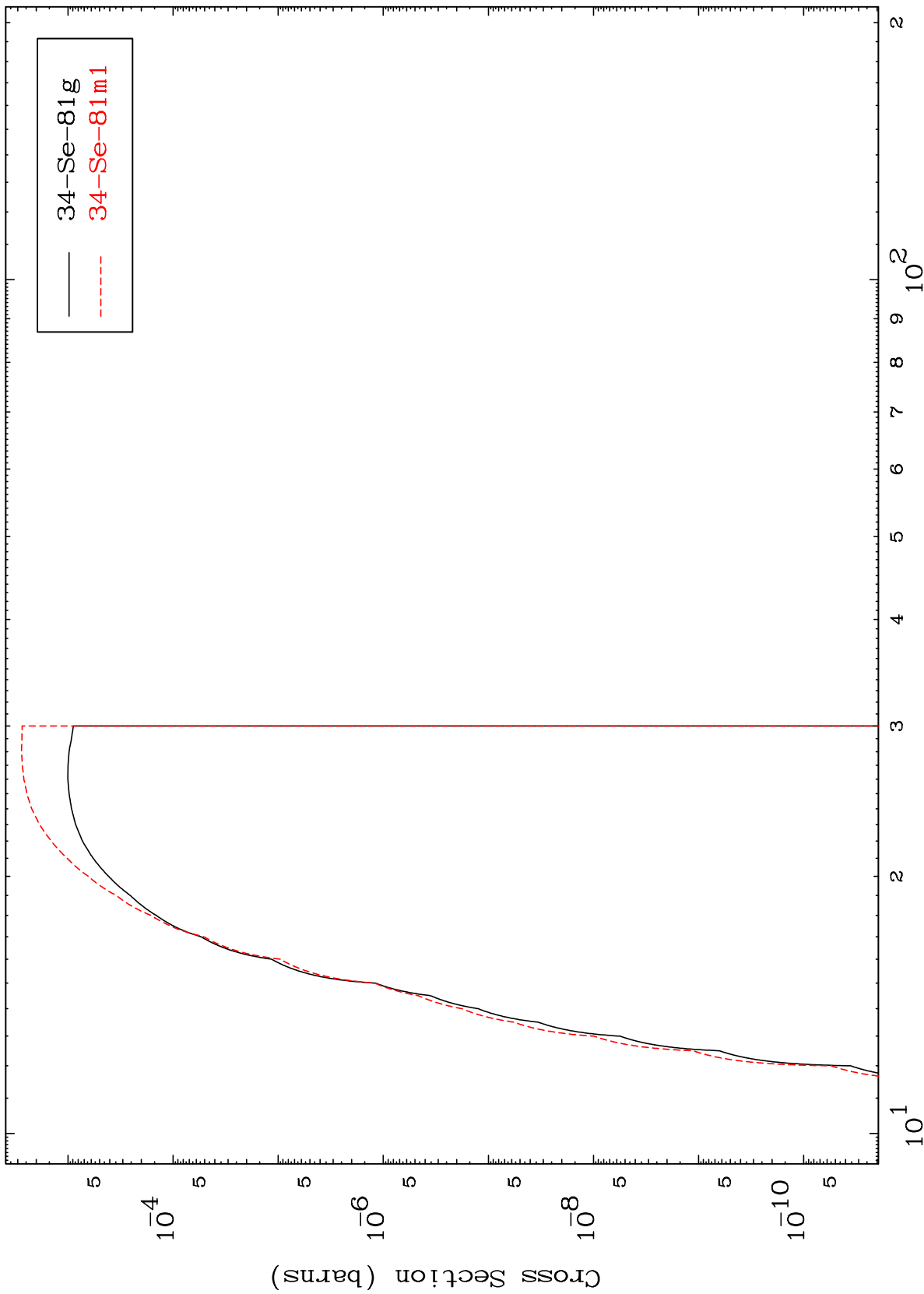
Incident Energy (MeV)

35-Br-83

MAT 3537

35-Br-83

(n, t)  
Radionuclide Production Cross Section

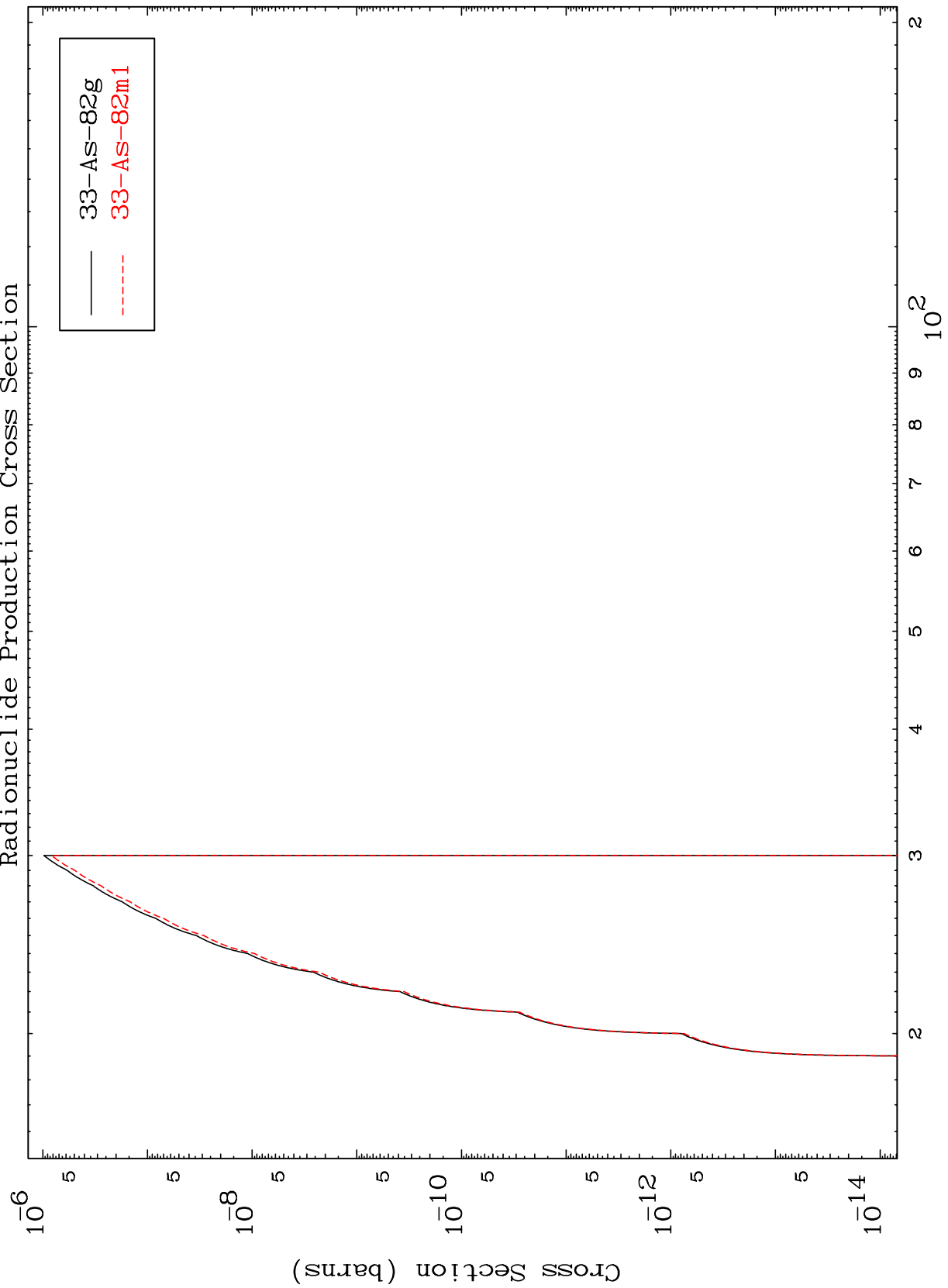


35-Br-83

Incident Energy (MeV)

105

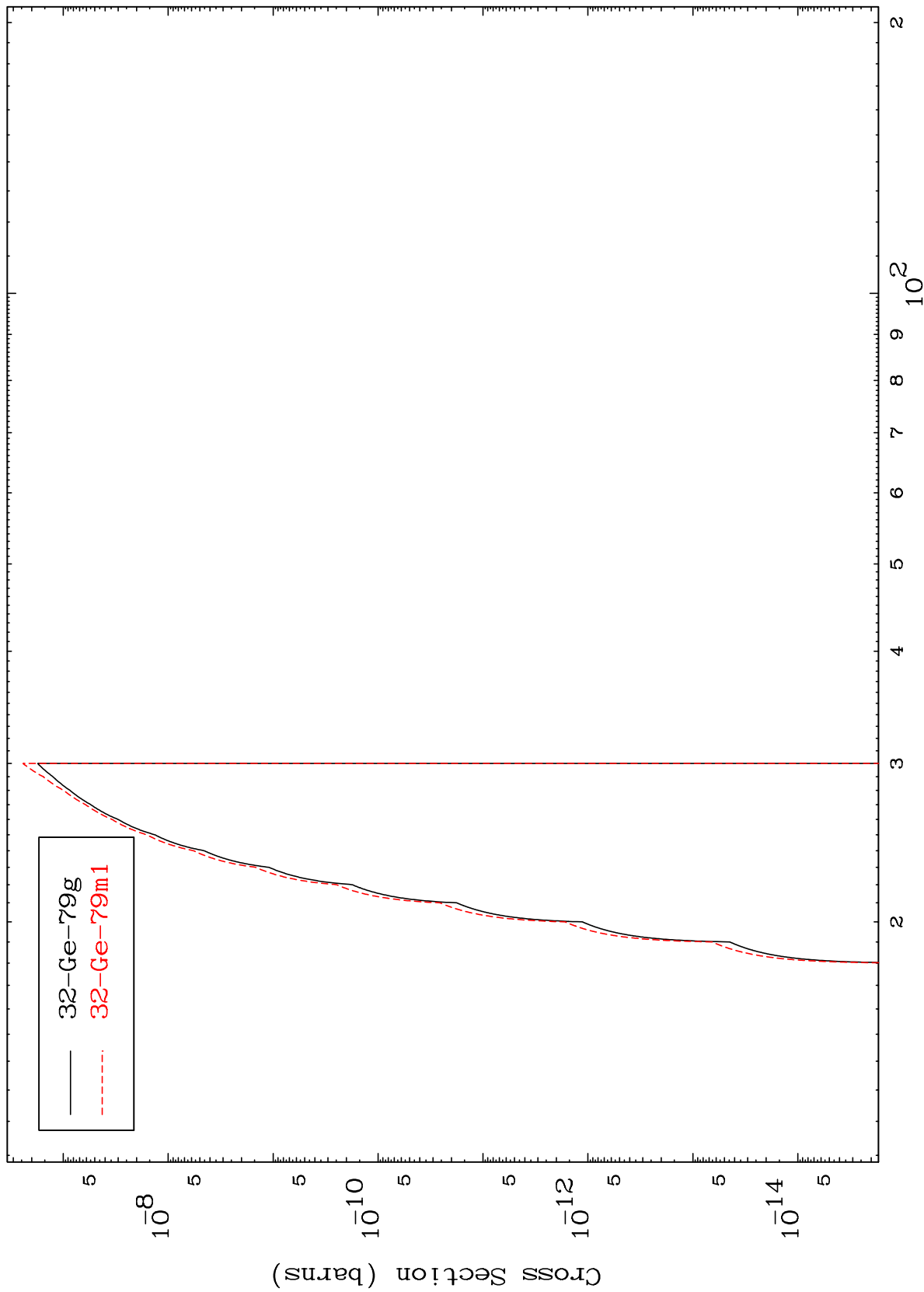
(n,2p)  
Radionuclide Production Cross Section



MAT 3537

35-Br-83

(n,p)  $\alpha$   
Radionuclide Production Cross Section



107

Incident Energy (MeV)

35-Br-83