

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

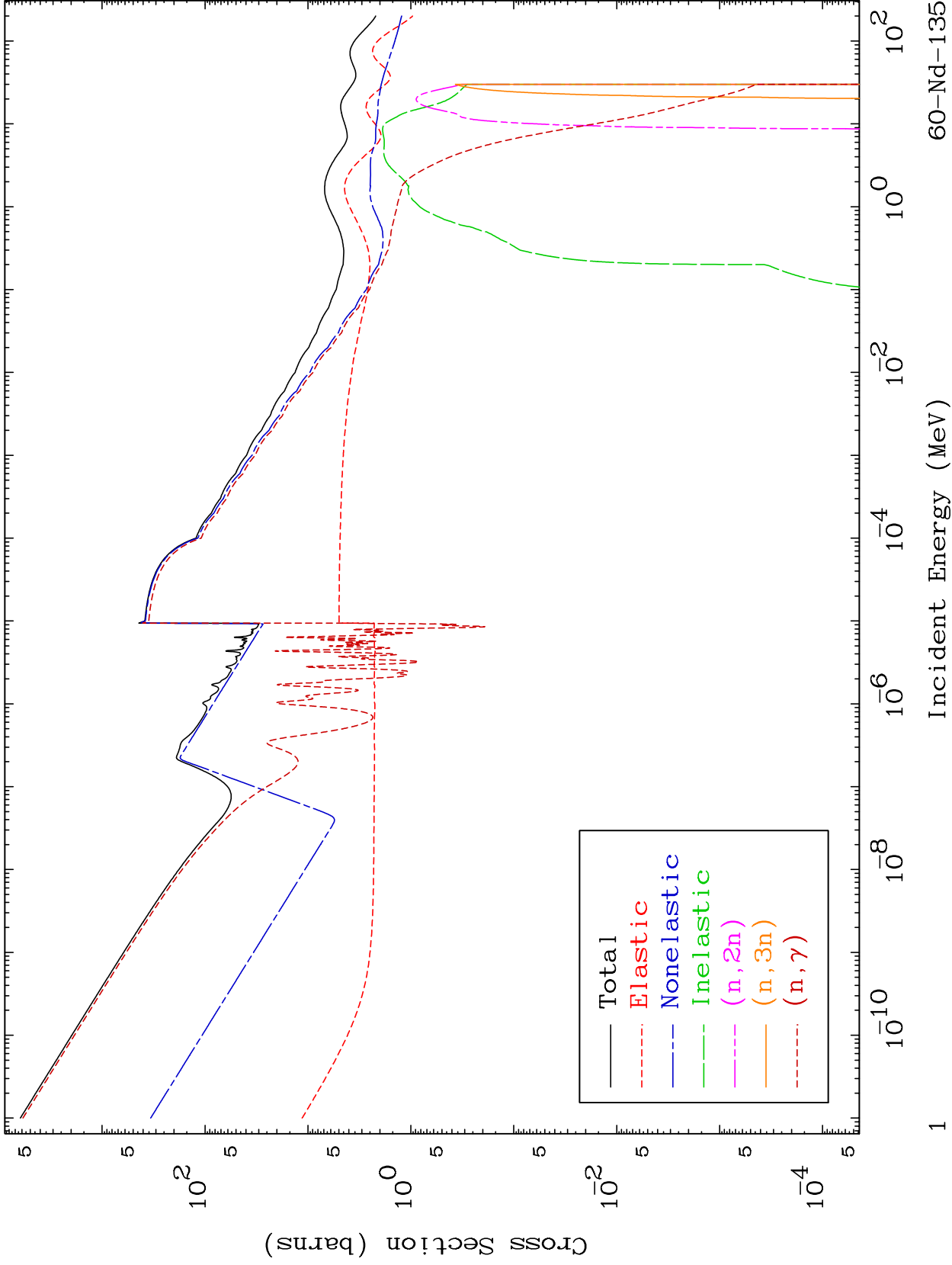
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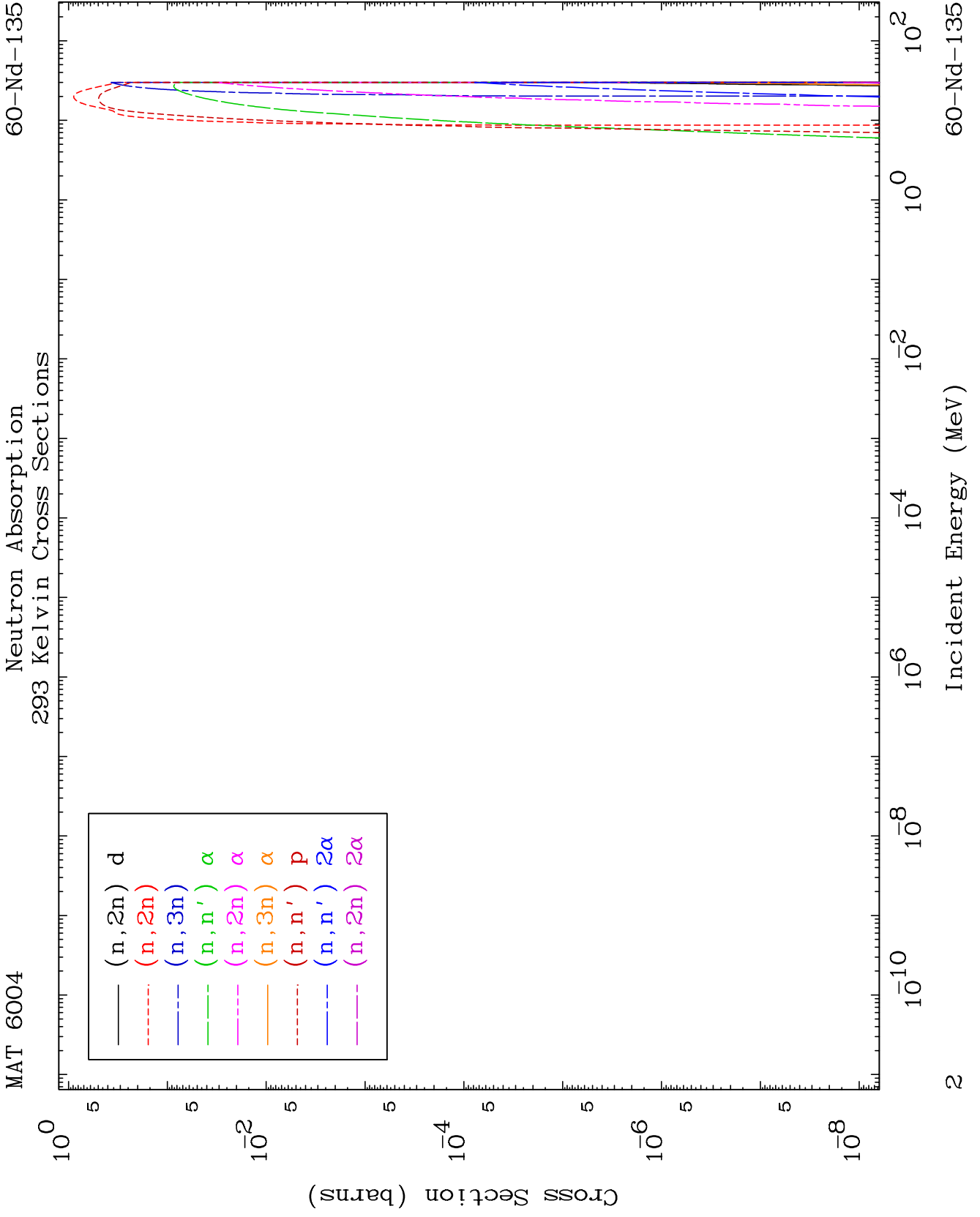
Press Mouse Button to Start

MAT 6004

Neutron Major  
293 Kelvin Cross Sections

60-Nd-135

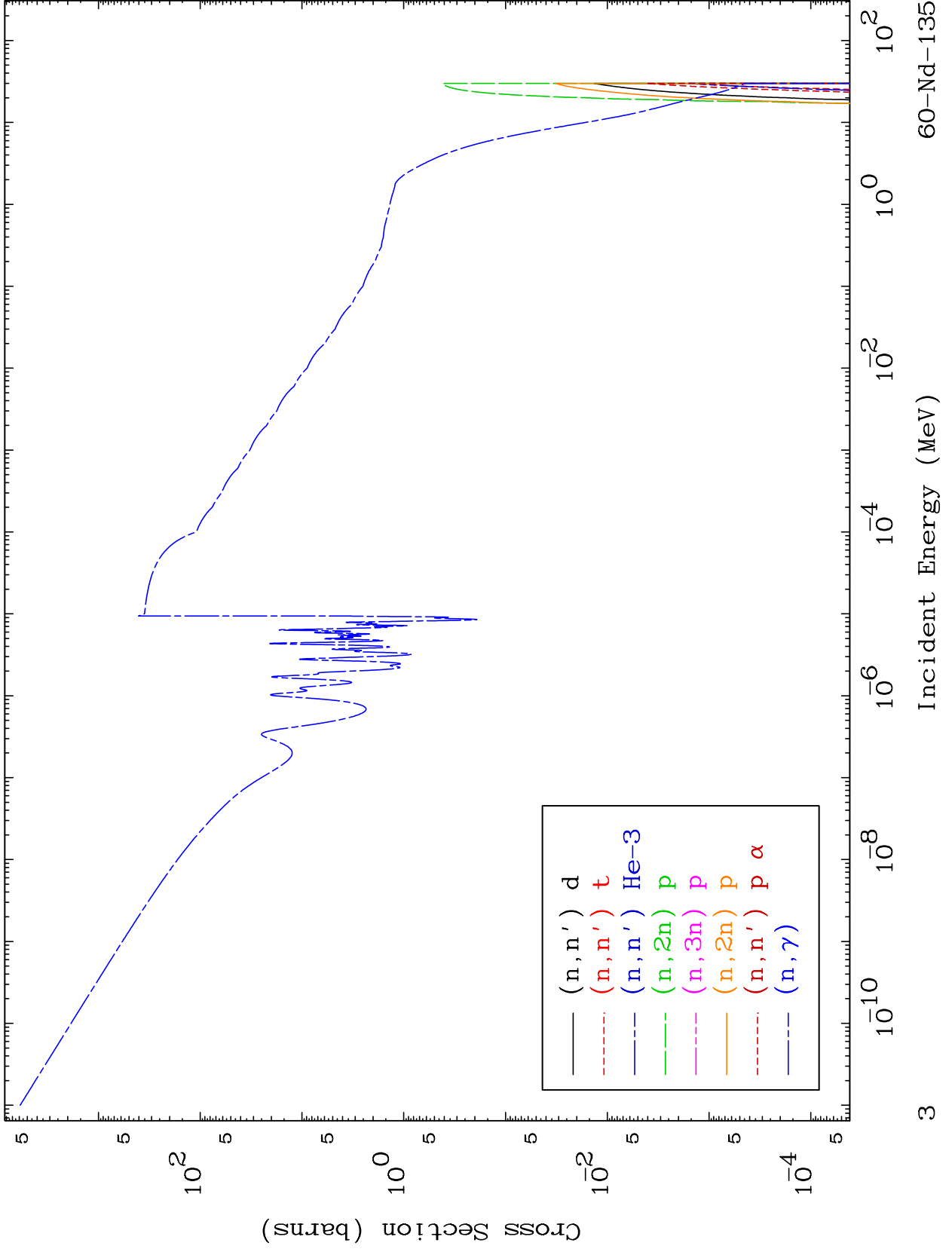


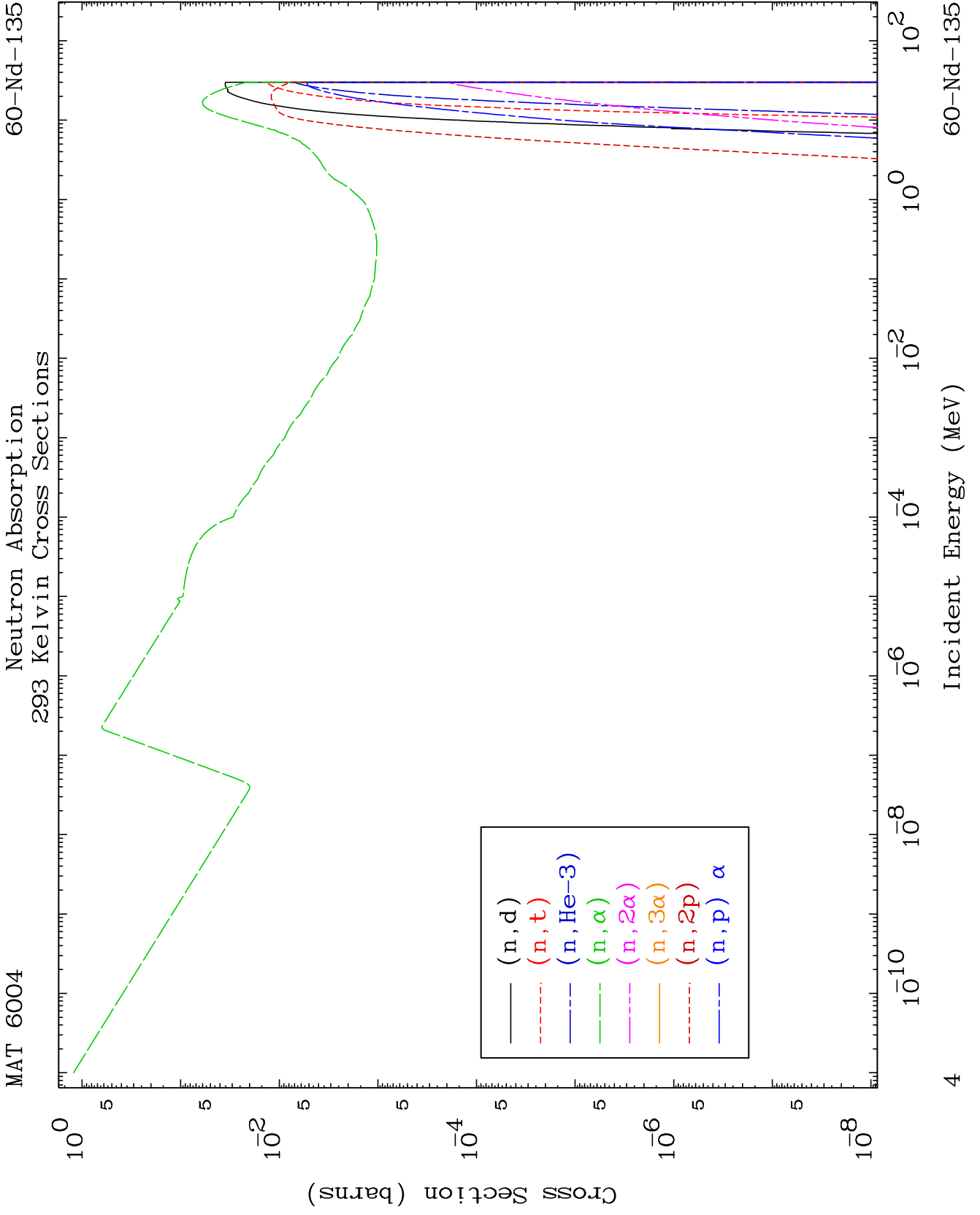


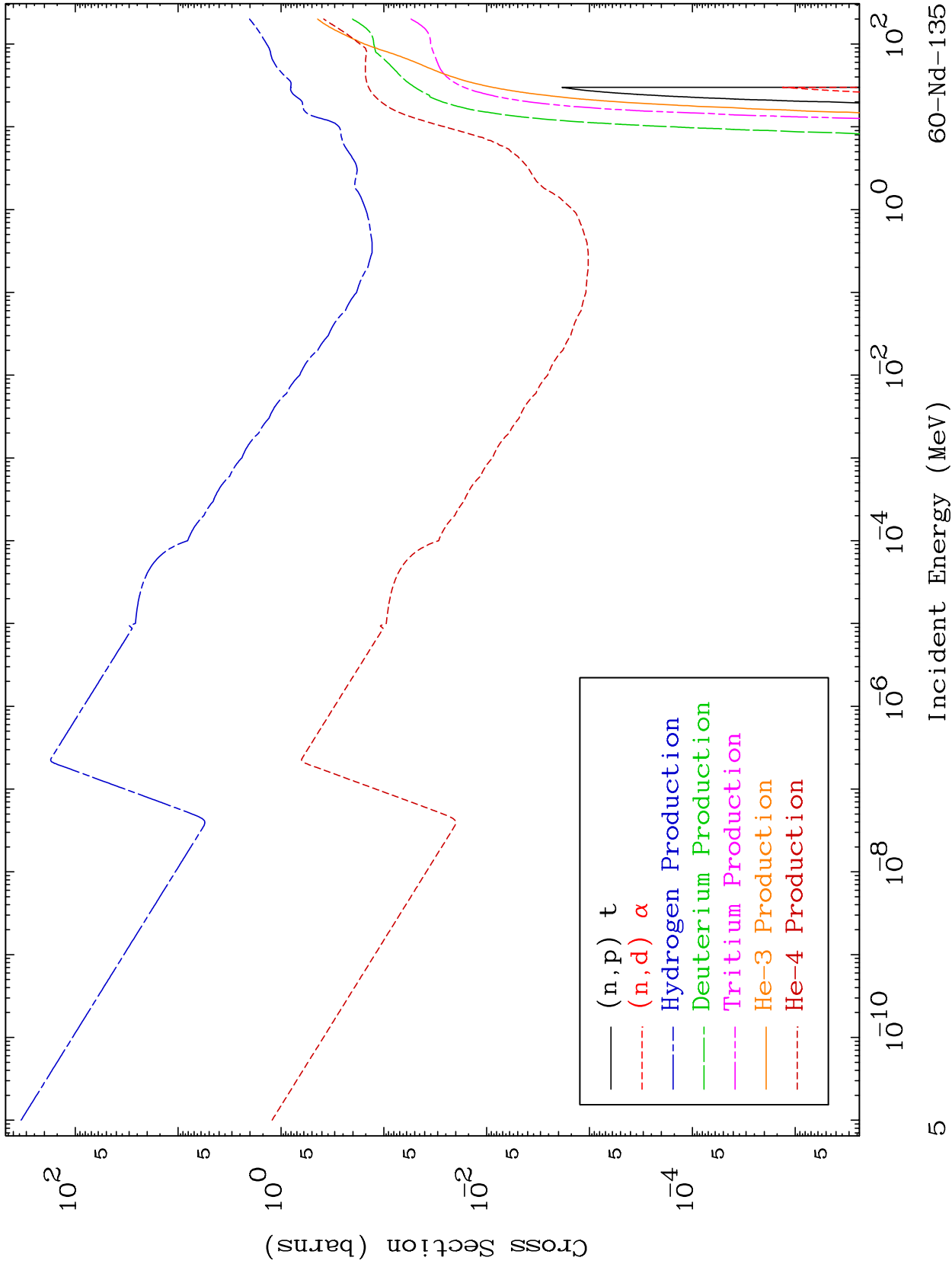
MAT 6004

Neutron Absorption  
293 Kelvin Cross Sections

60-Nd-135



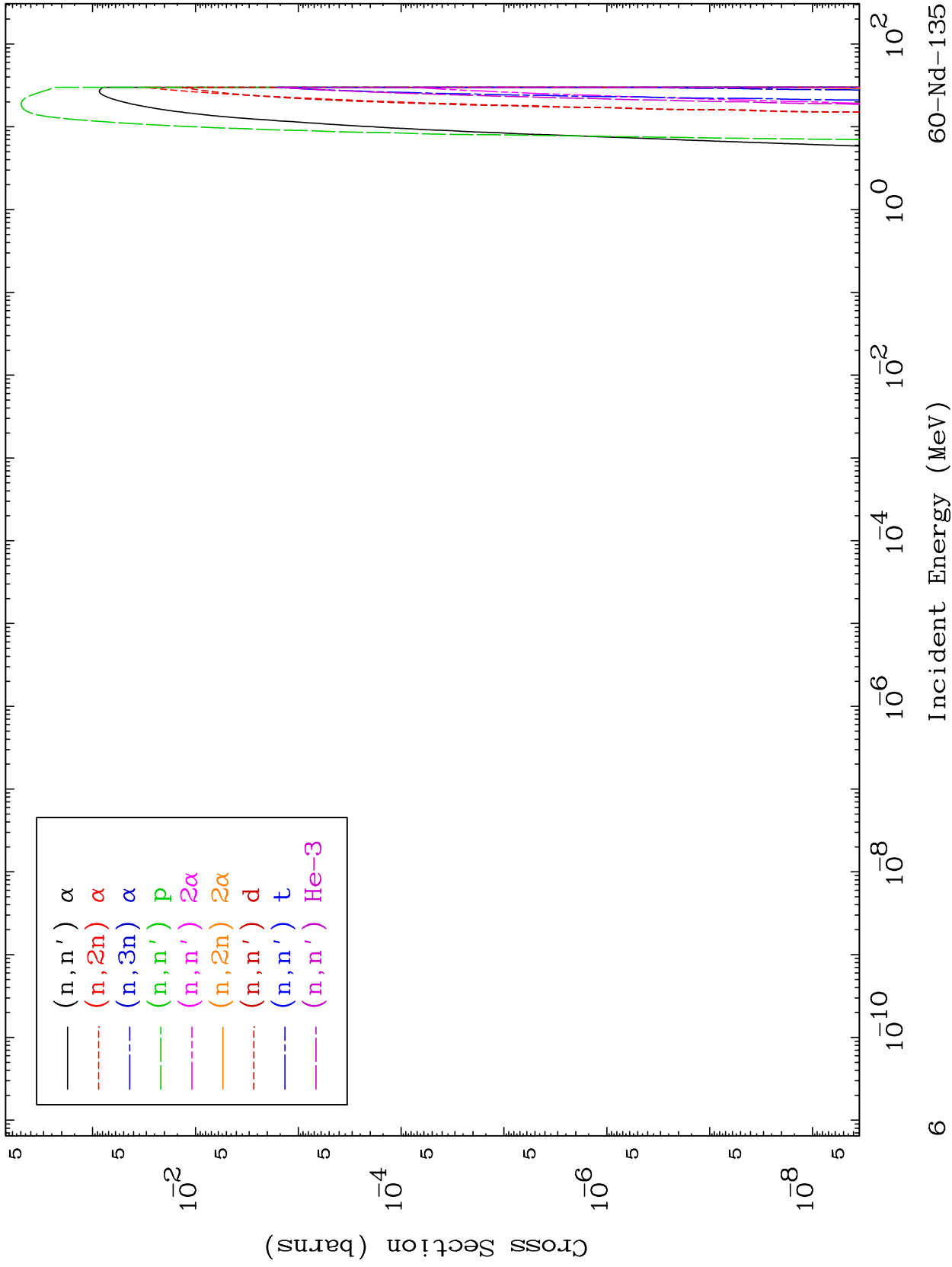




MAT 6004

Charged Particle  
293 Kelvin Cross Sections

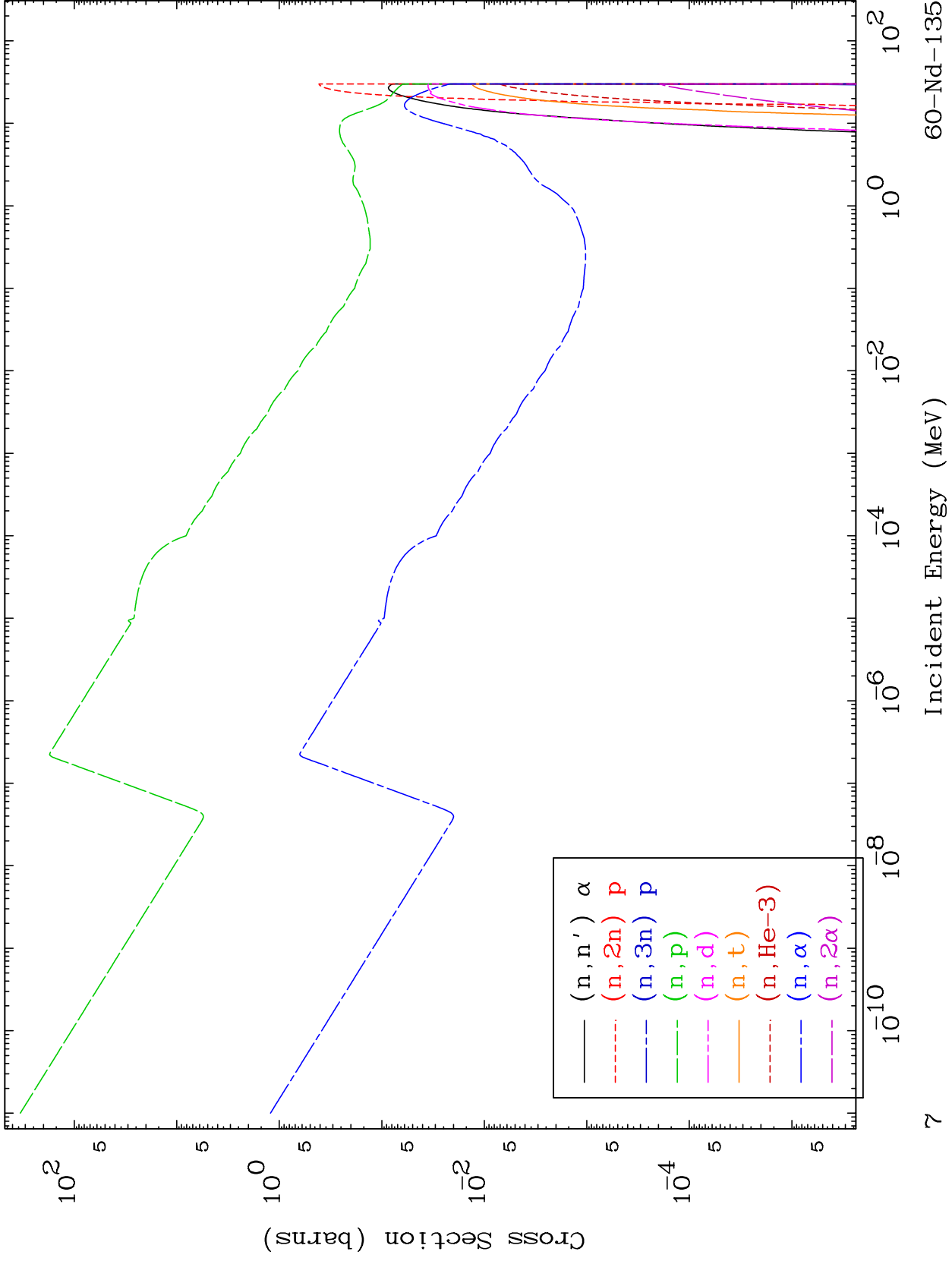
60-Nd-135



MAT 6004

Charged Particle  
293 Kelvin Cross Sections

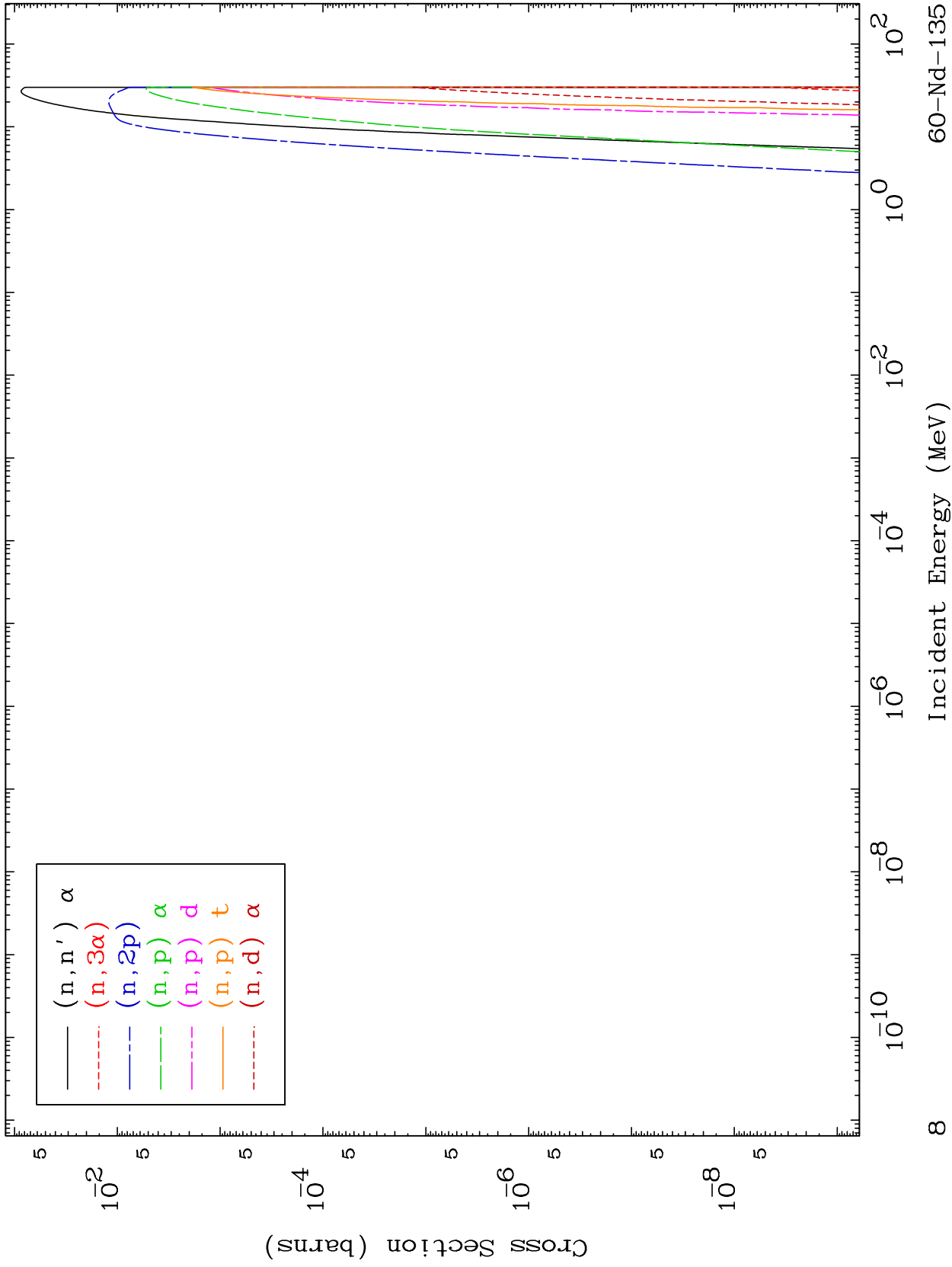
60-Nd-135



MAT 6004

Charged Particle  
293 Kelvin Cross Sections

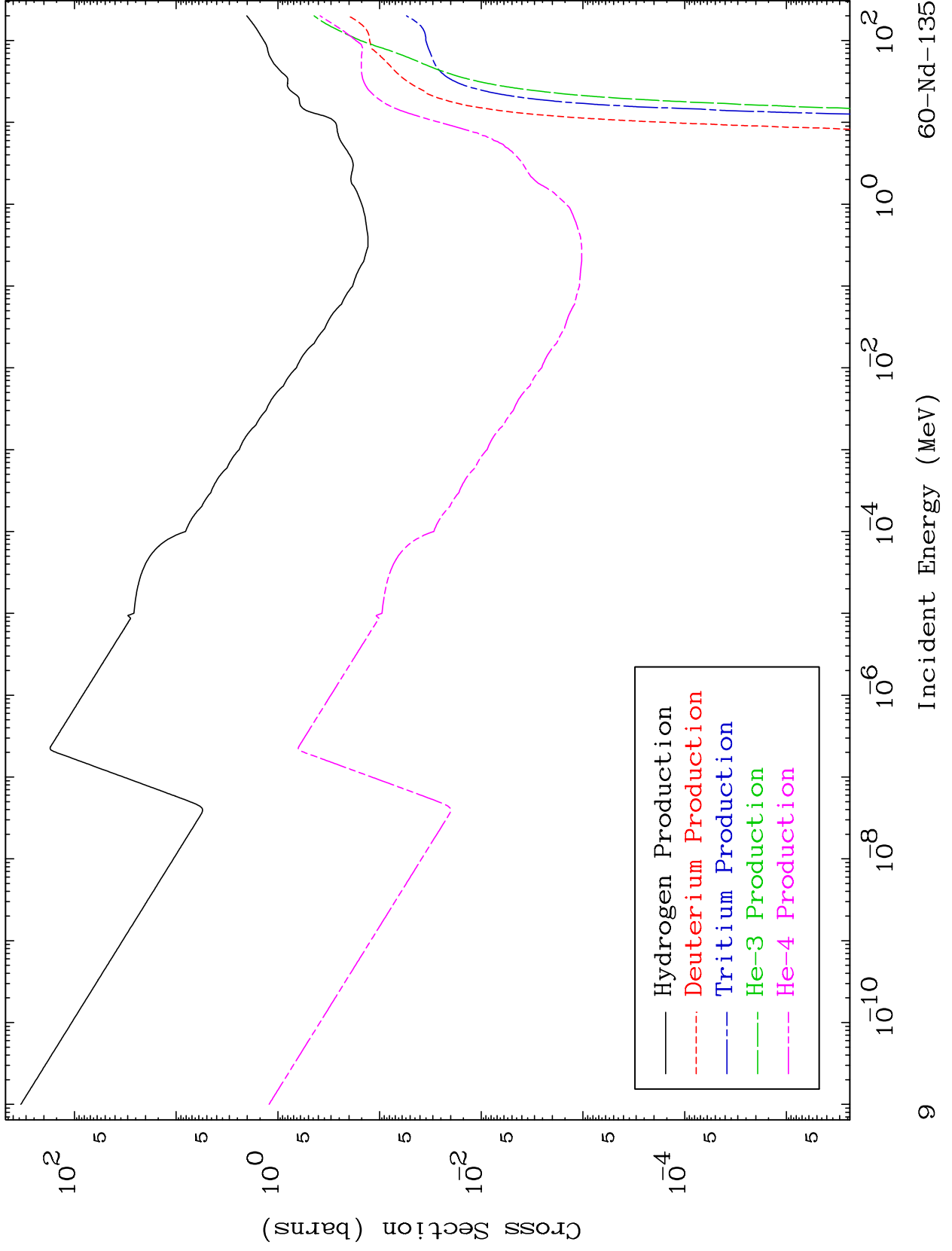
60-Nd-135

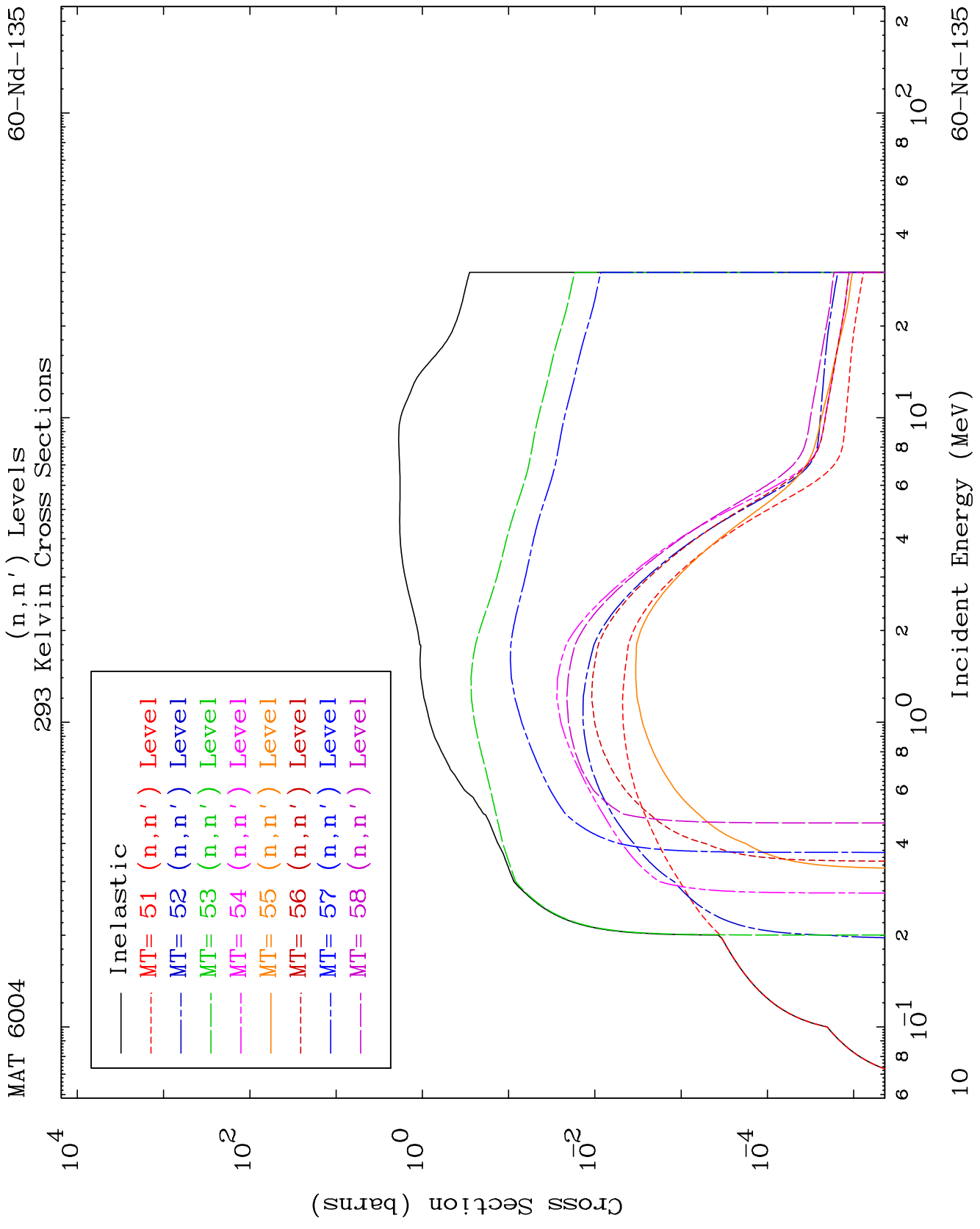


MAT 6004

Particle Production  
293 Kelvin Cross Sections

60-Nd-135

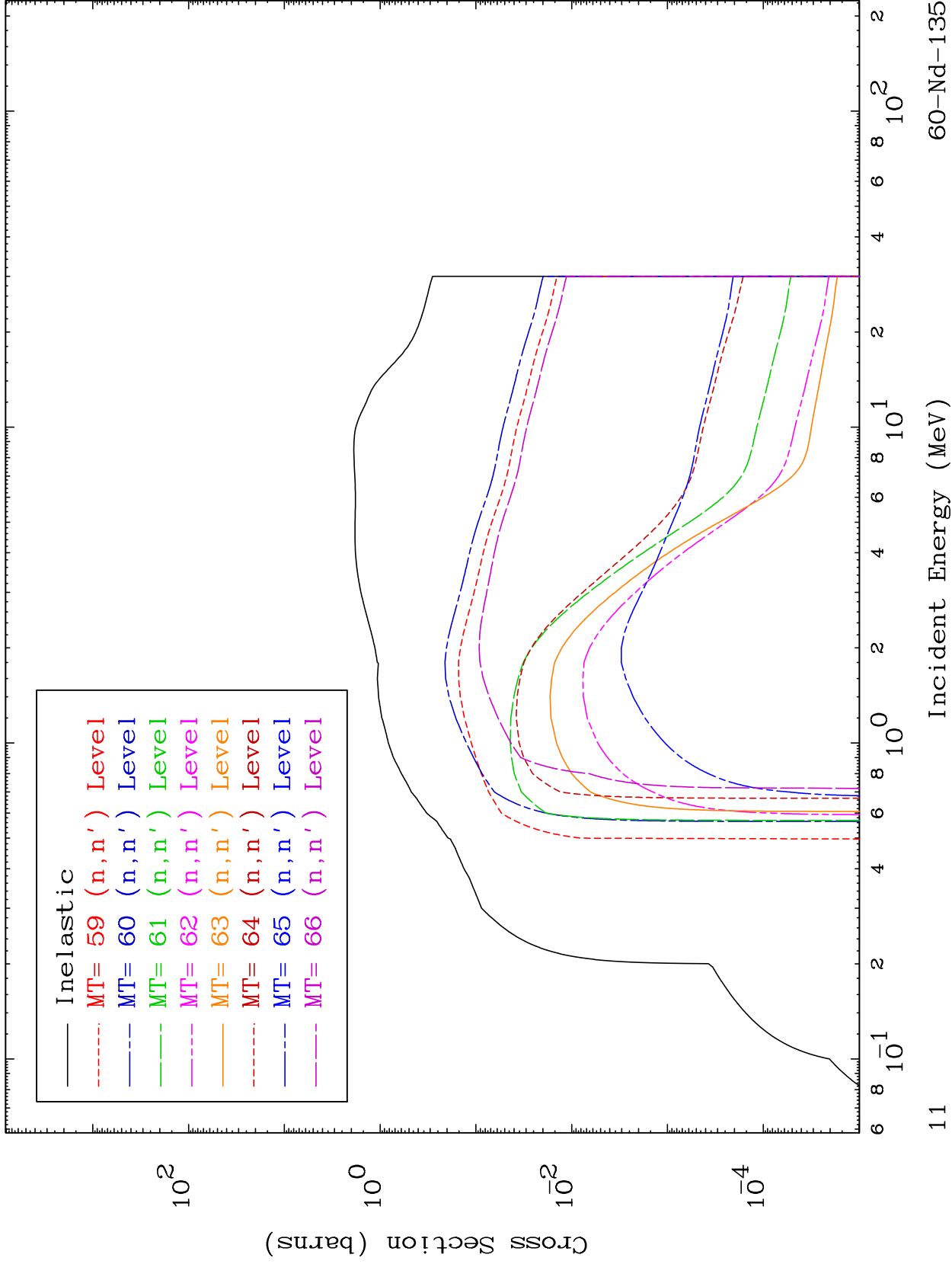




MAT 6004

(n,n') Levels  
293 Kelvin Cross Sections

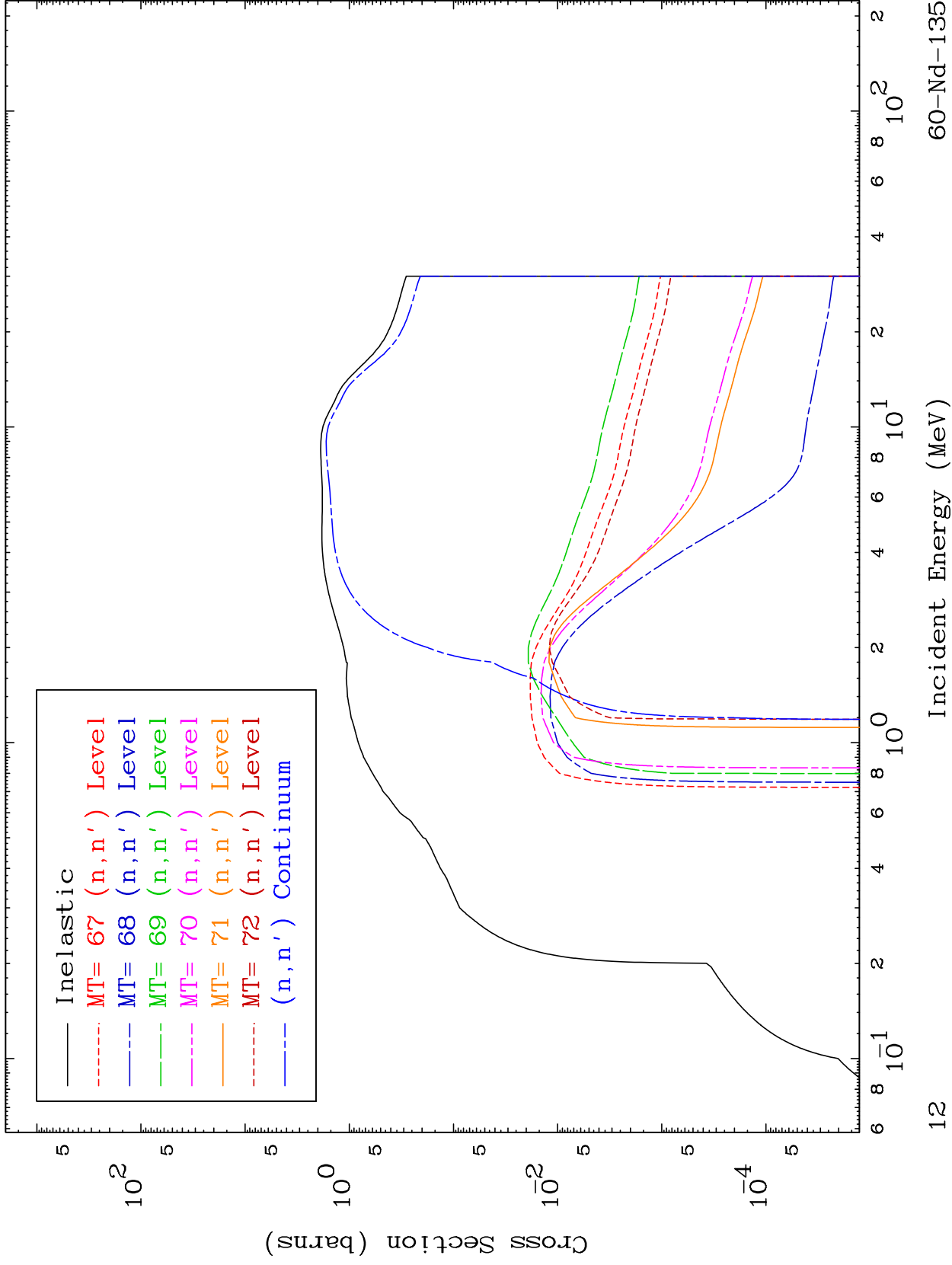
60-Nd-135



MAT 6004

(n,n') Levels  
293 Kelvin Cross Sections

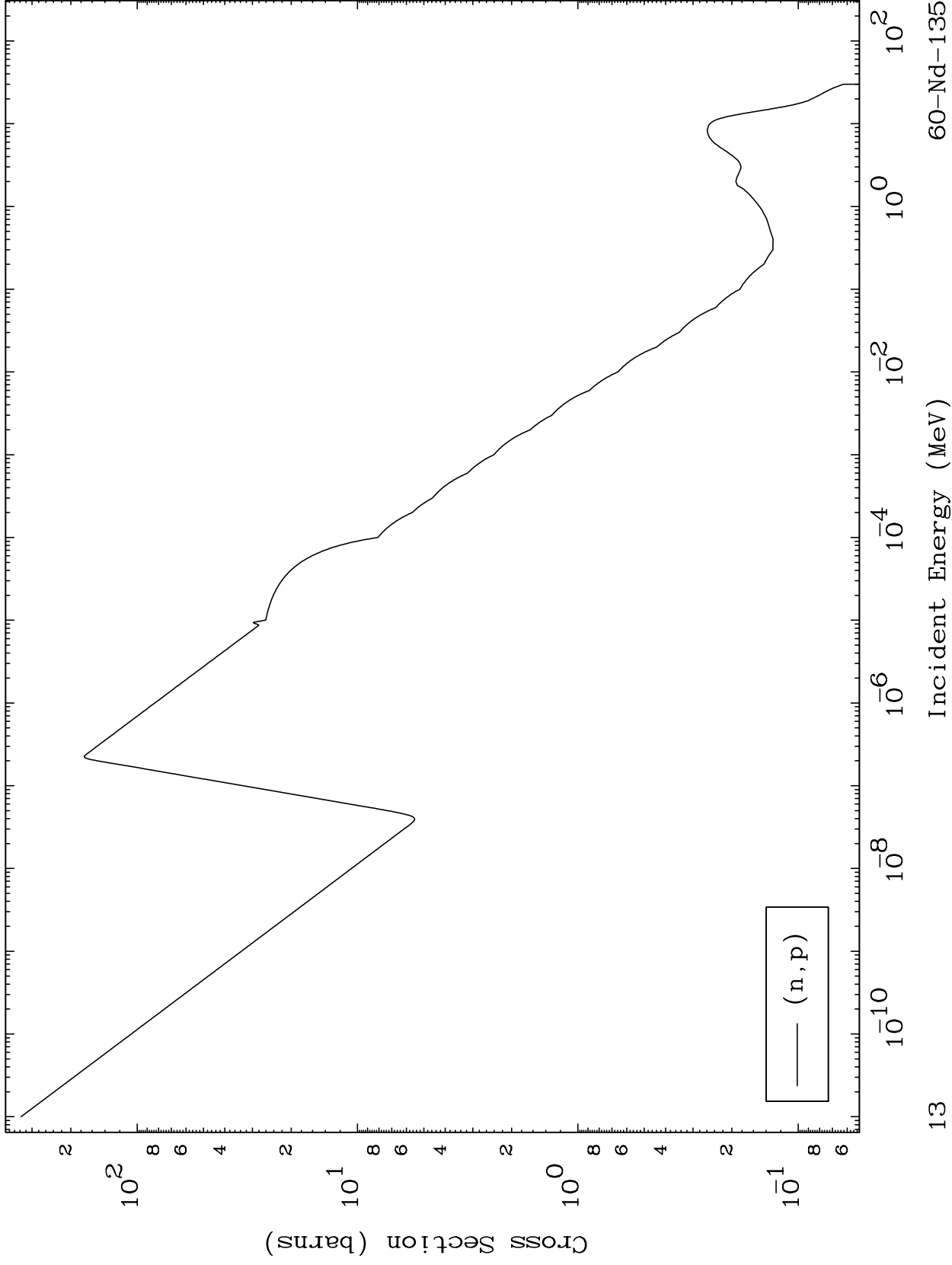
60-Nd-135



MAT 6004

(n,p) Levels  
293 Kelvin Cross Sections

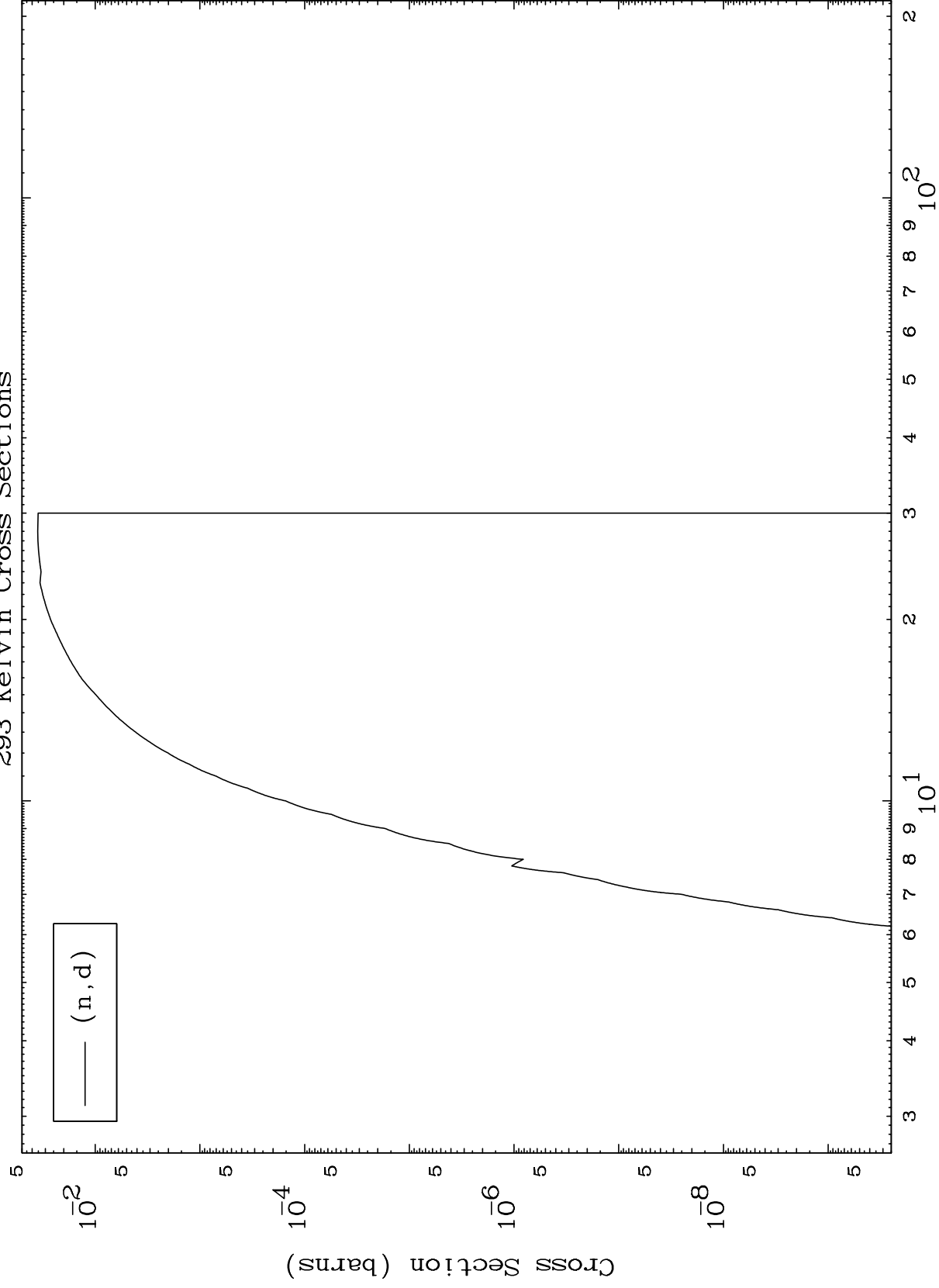
60-Nd-135



MAT 6004

(n,d) Levels  
293 Kelvin Cross Sections

60-Nd-135



14

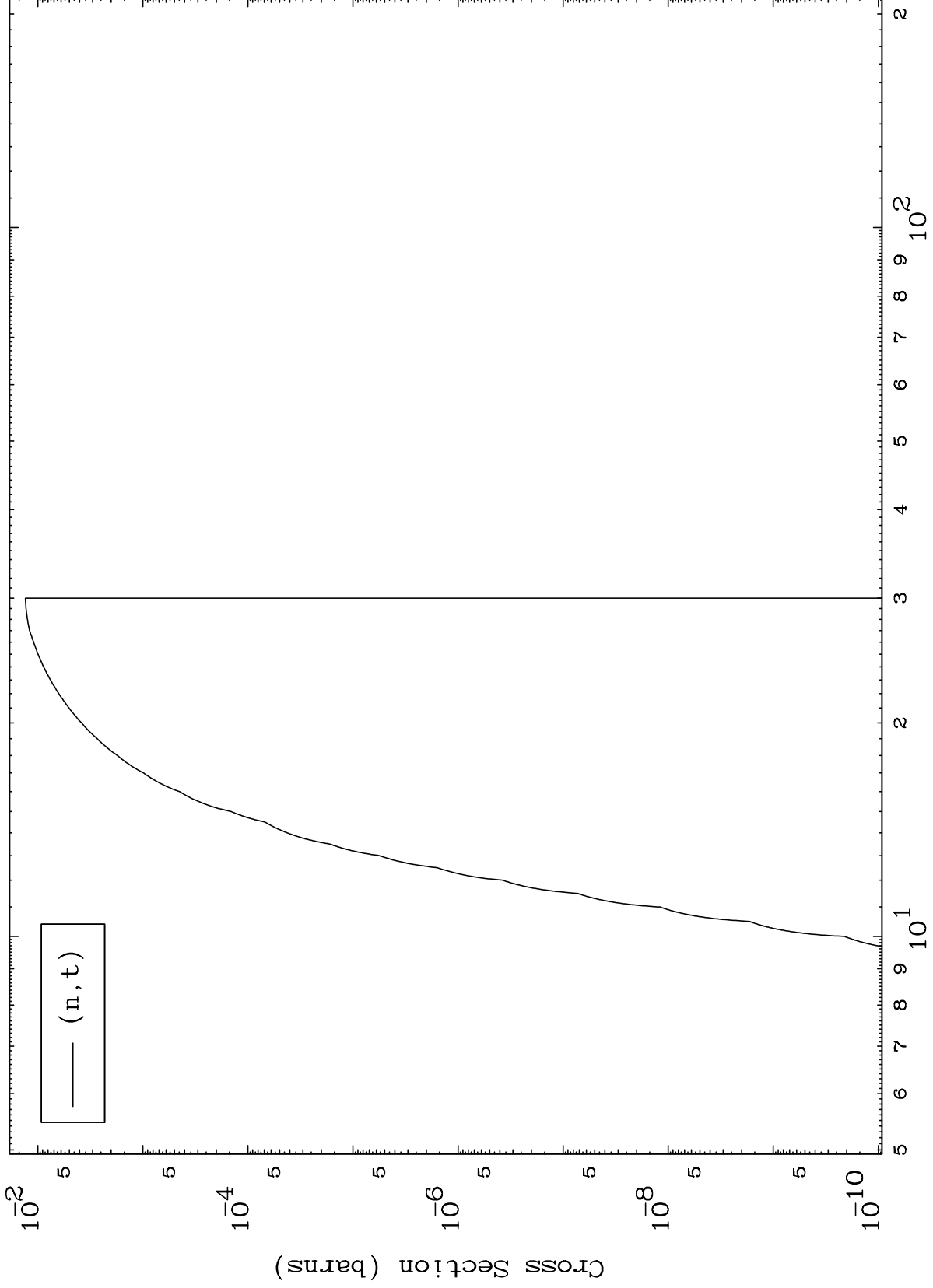
Incident Energy (MeV)

60-Nd-135

MAT 6004

(n,t) Levels  
293 Kelvin Cross Sections

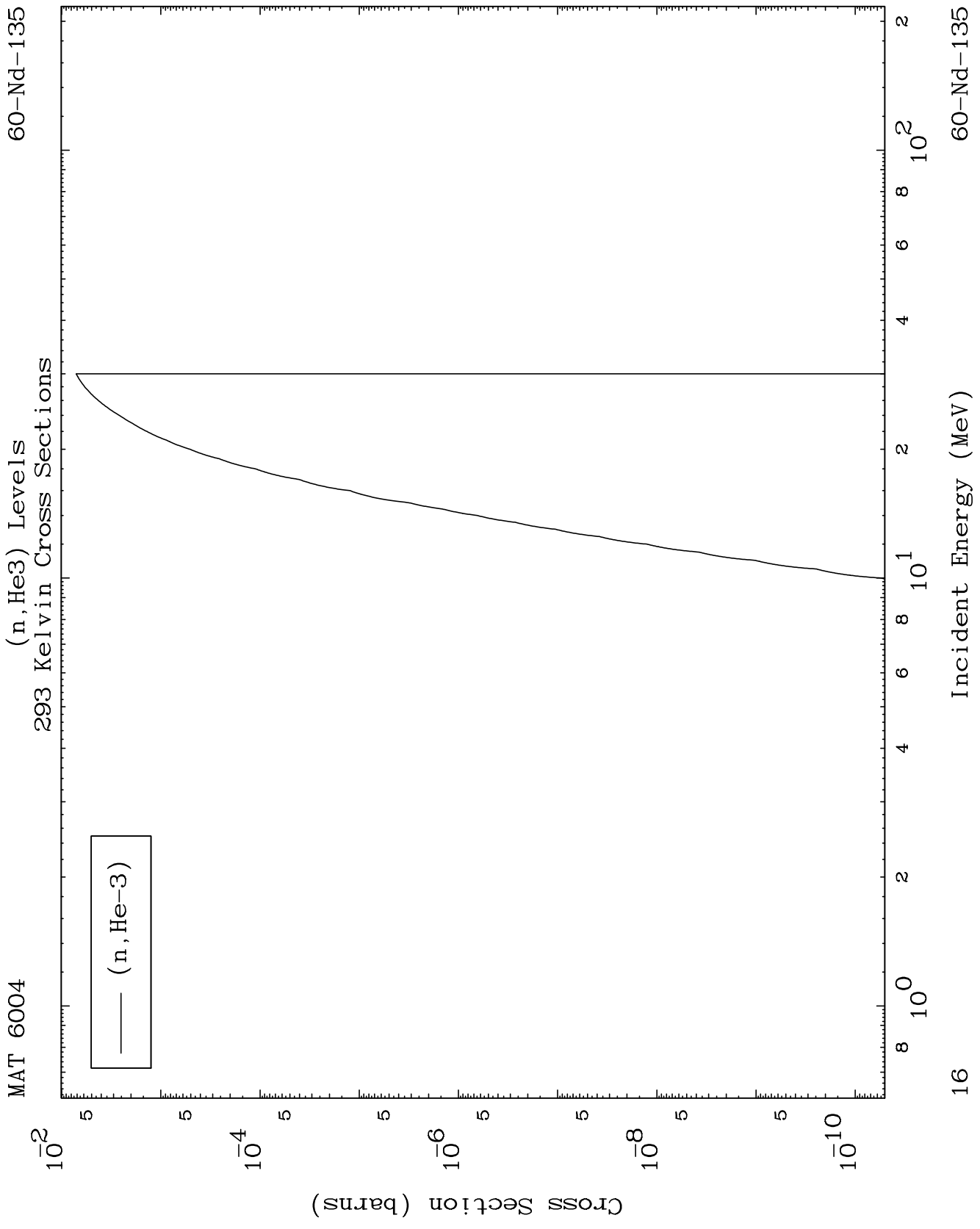
60-Nd-135



15

Incident Energy (MeV)

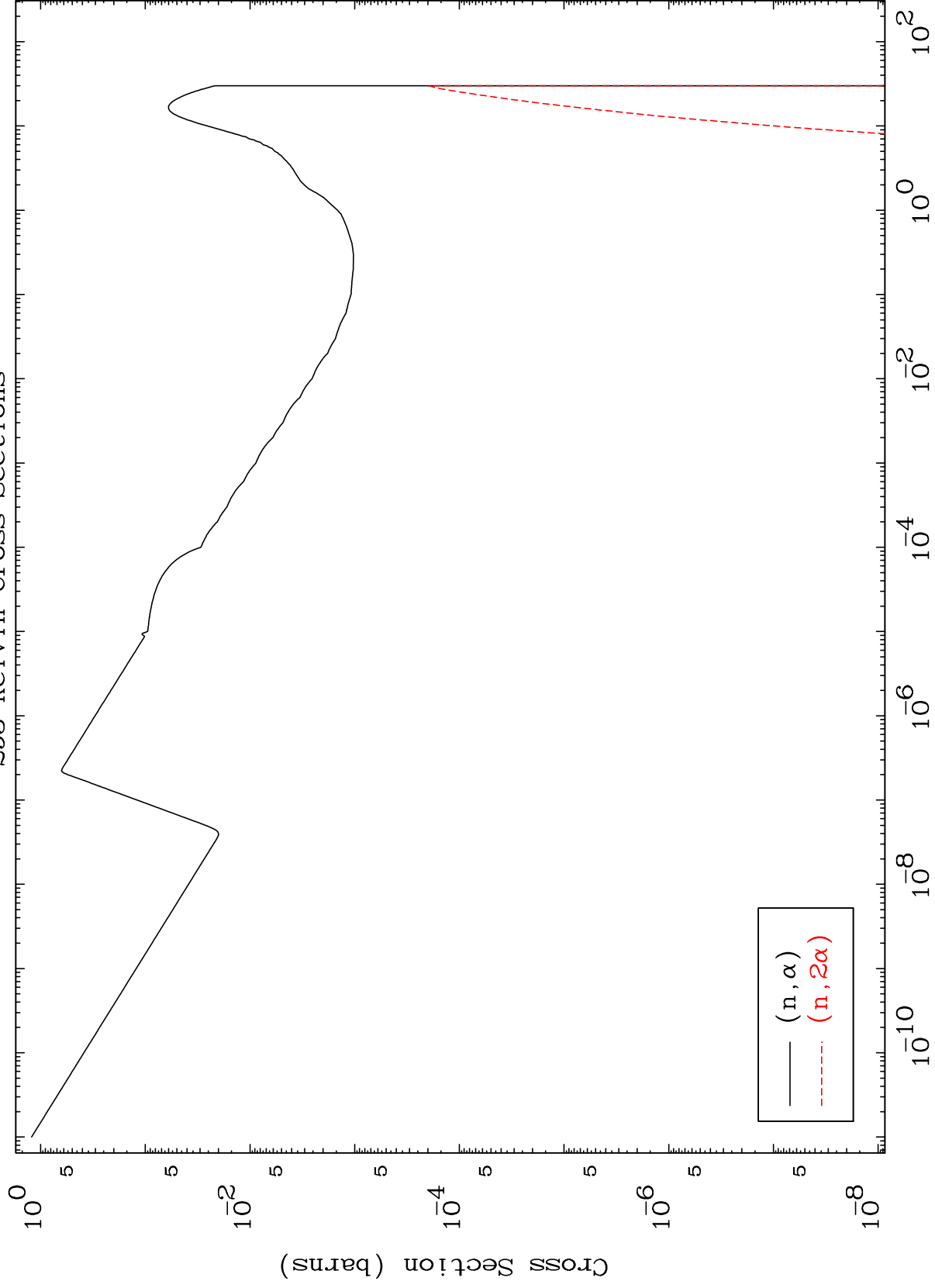
60-Nd-135



MAT 6004

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

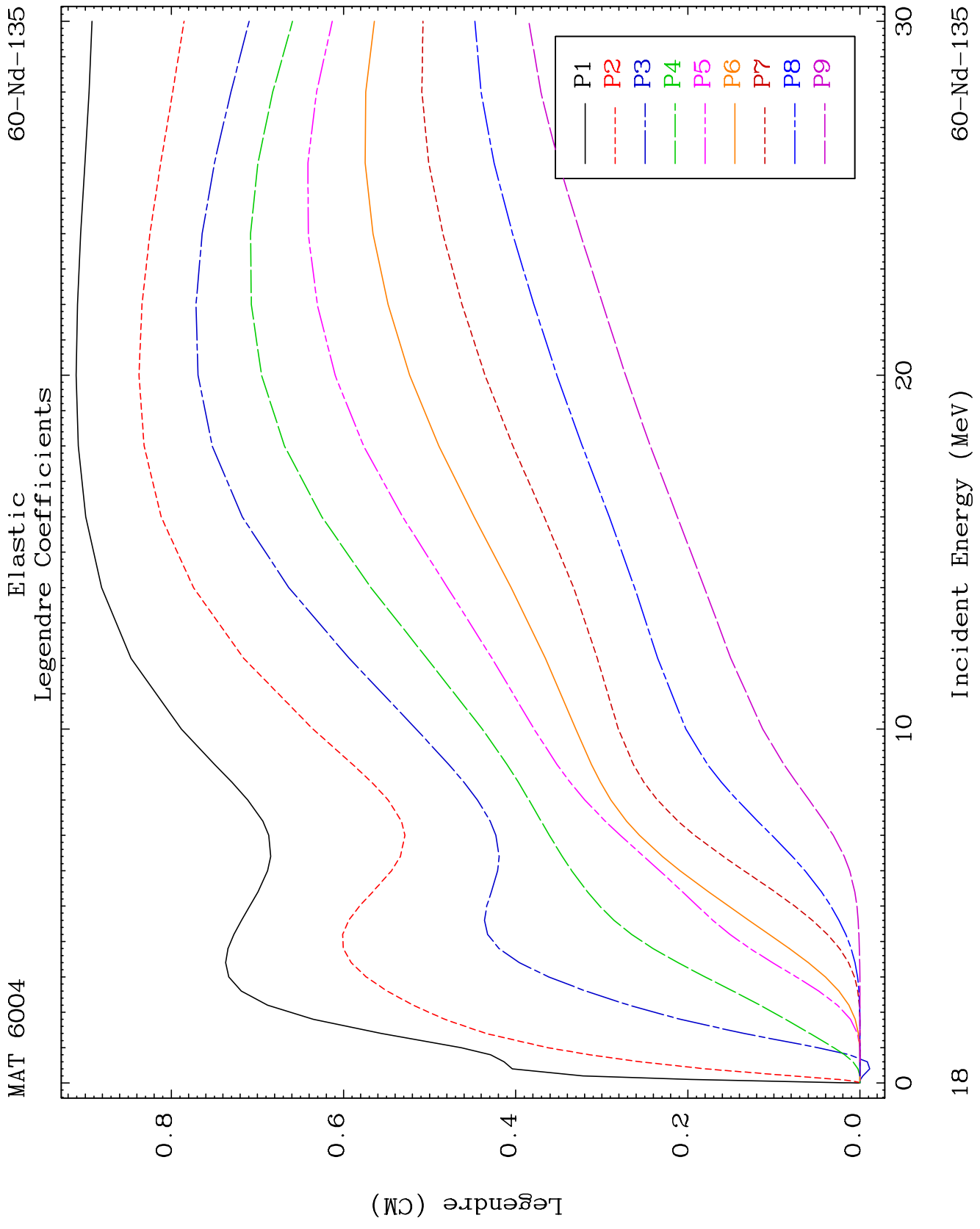
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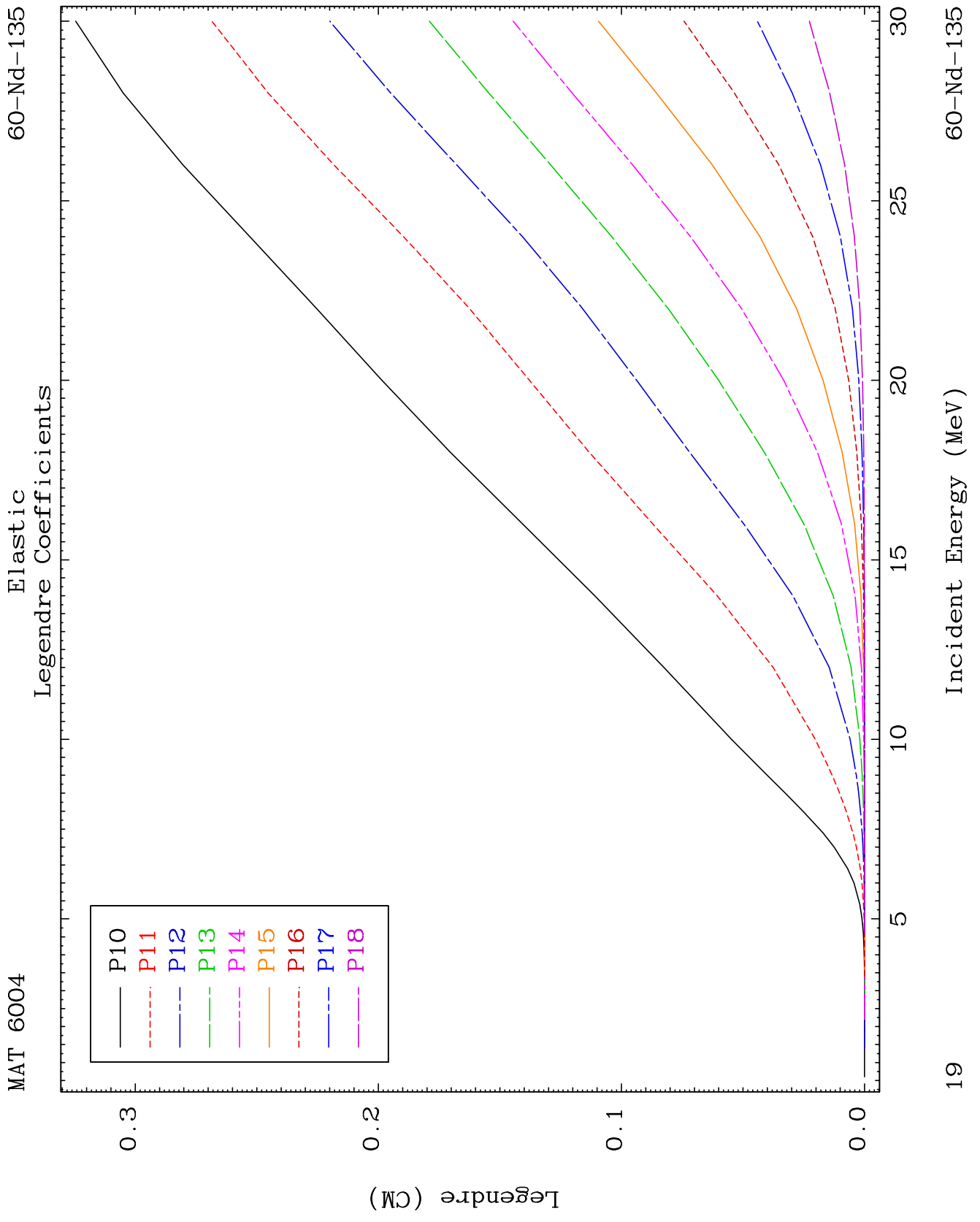


17

Incident Energy (MeV)

60-Nd-135

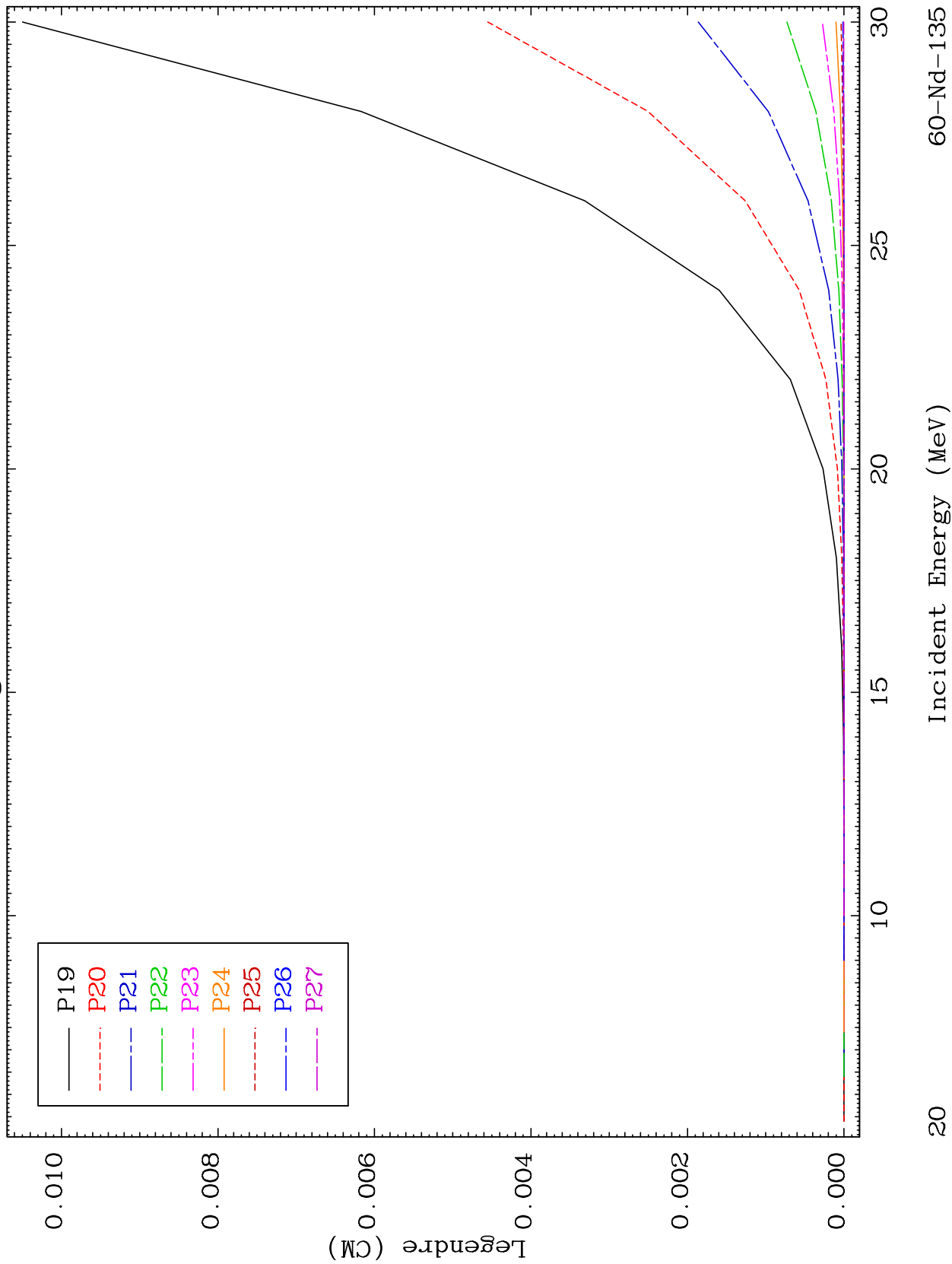




MAT 6004

### Elastic Legendre Coefficients

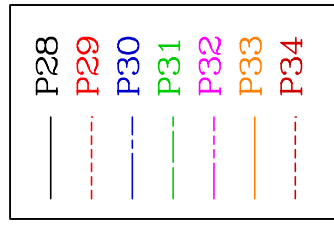
<sup>60</sup>Nd-135



MAT 6004

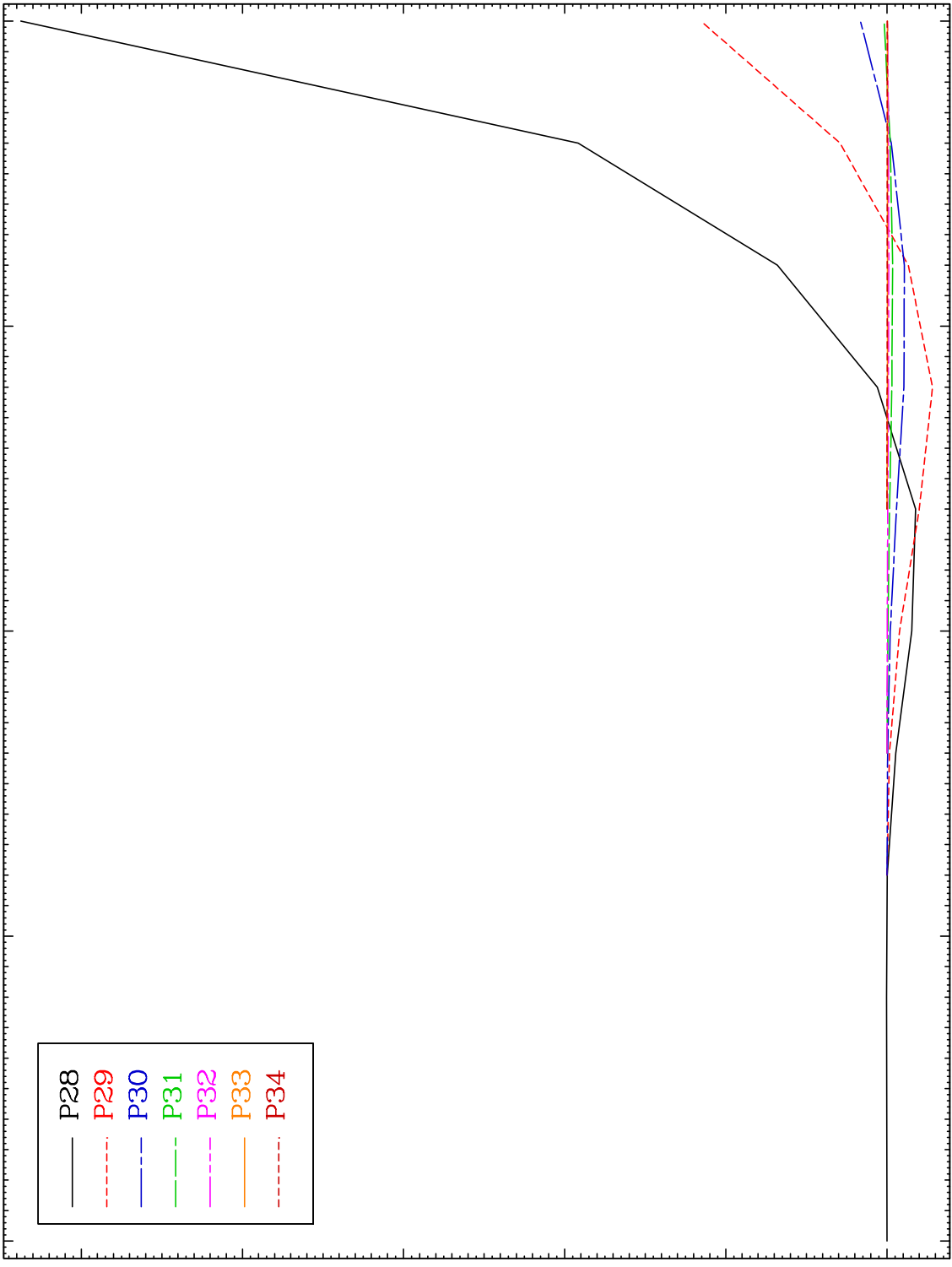
Elastic Legendre Coefficients

60-Nd-135



$\times 10^{-6}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

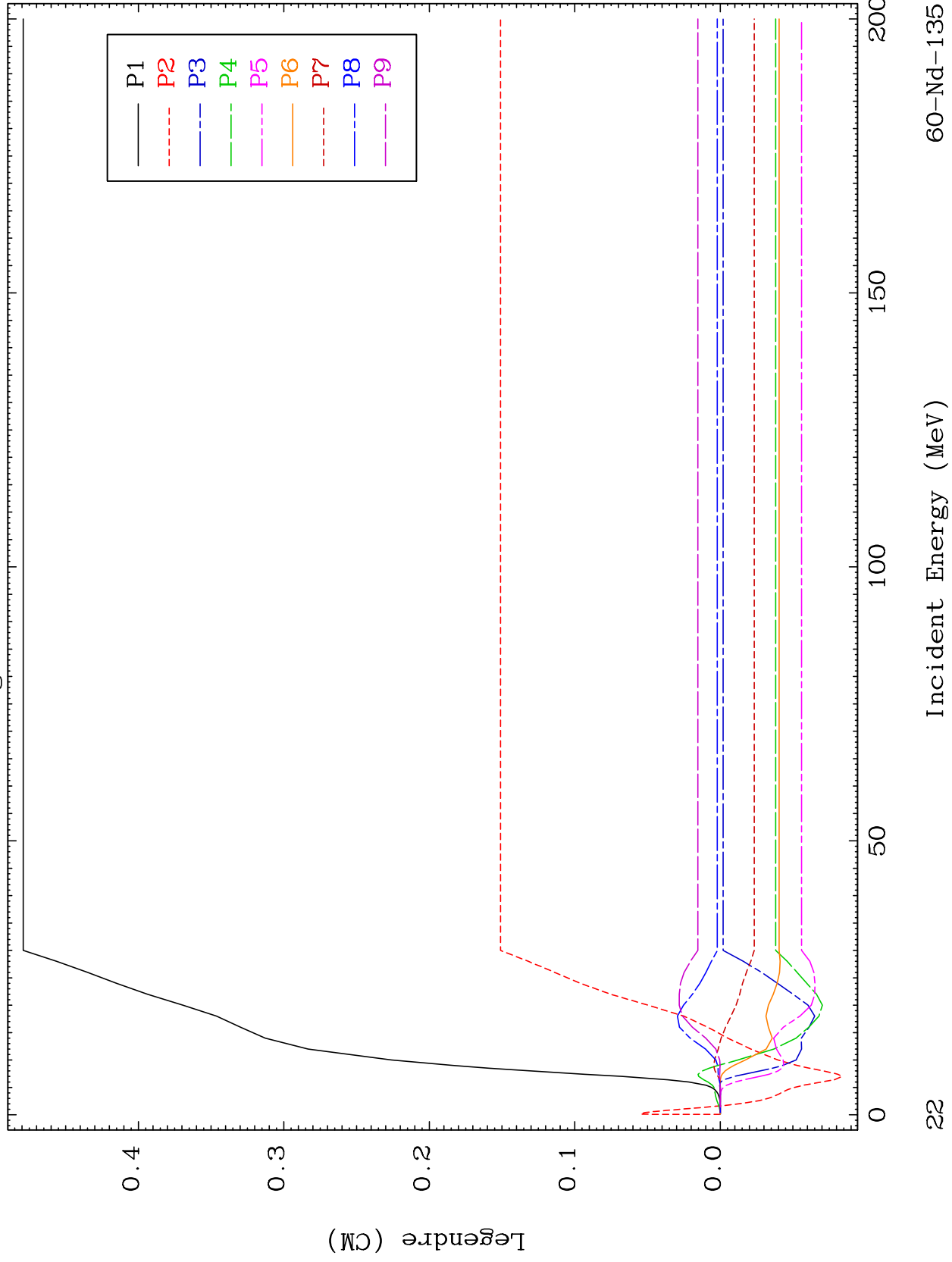
60-Nd-135

21

MAT 6004

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

60-Nd-135



22

Incident Energy (MeV)

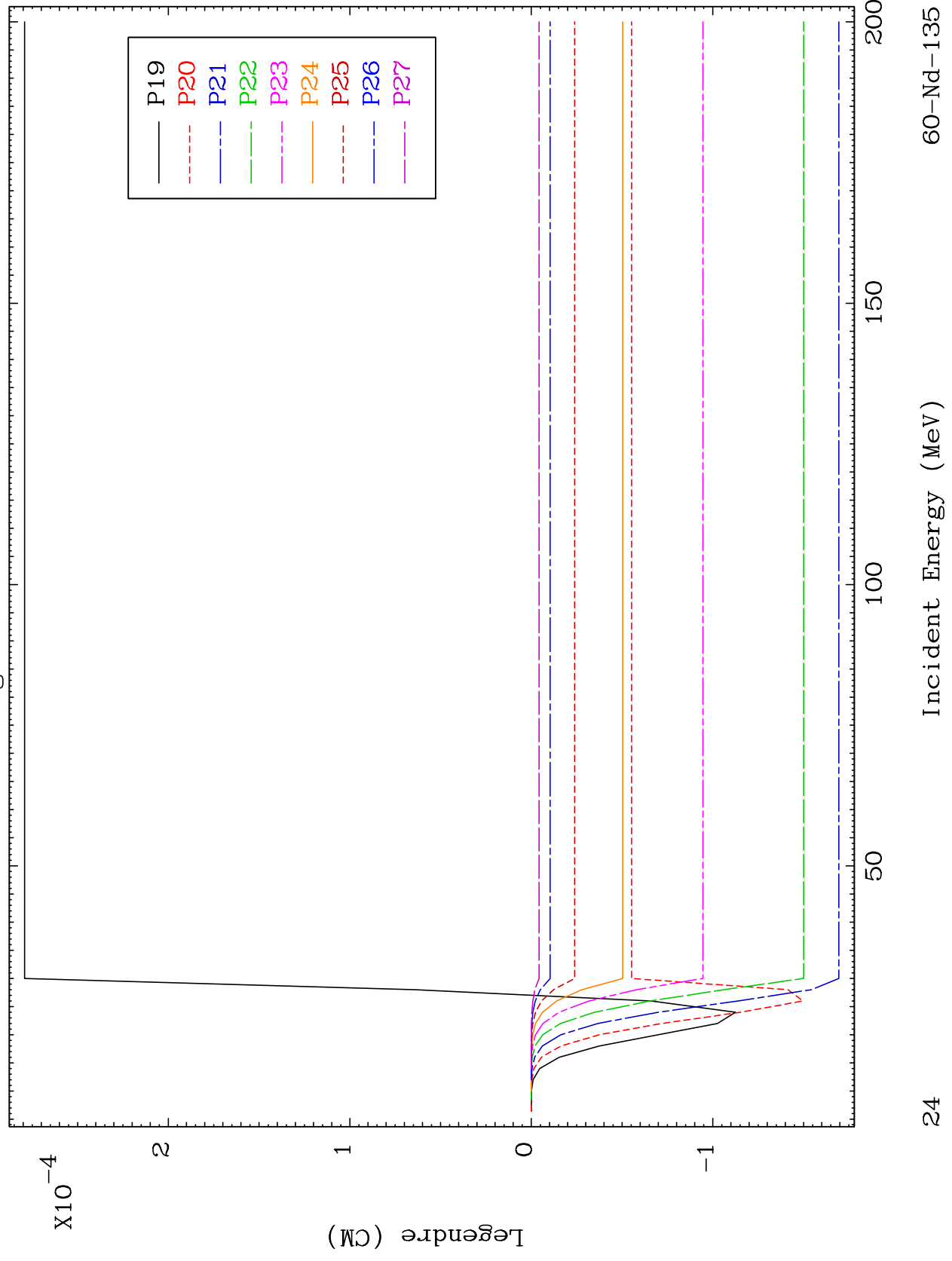
60-Nd-135



MAT 6004

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

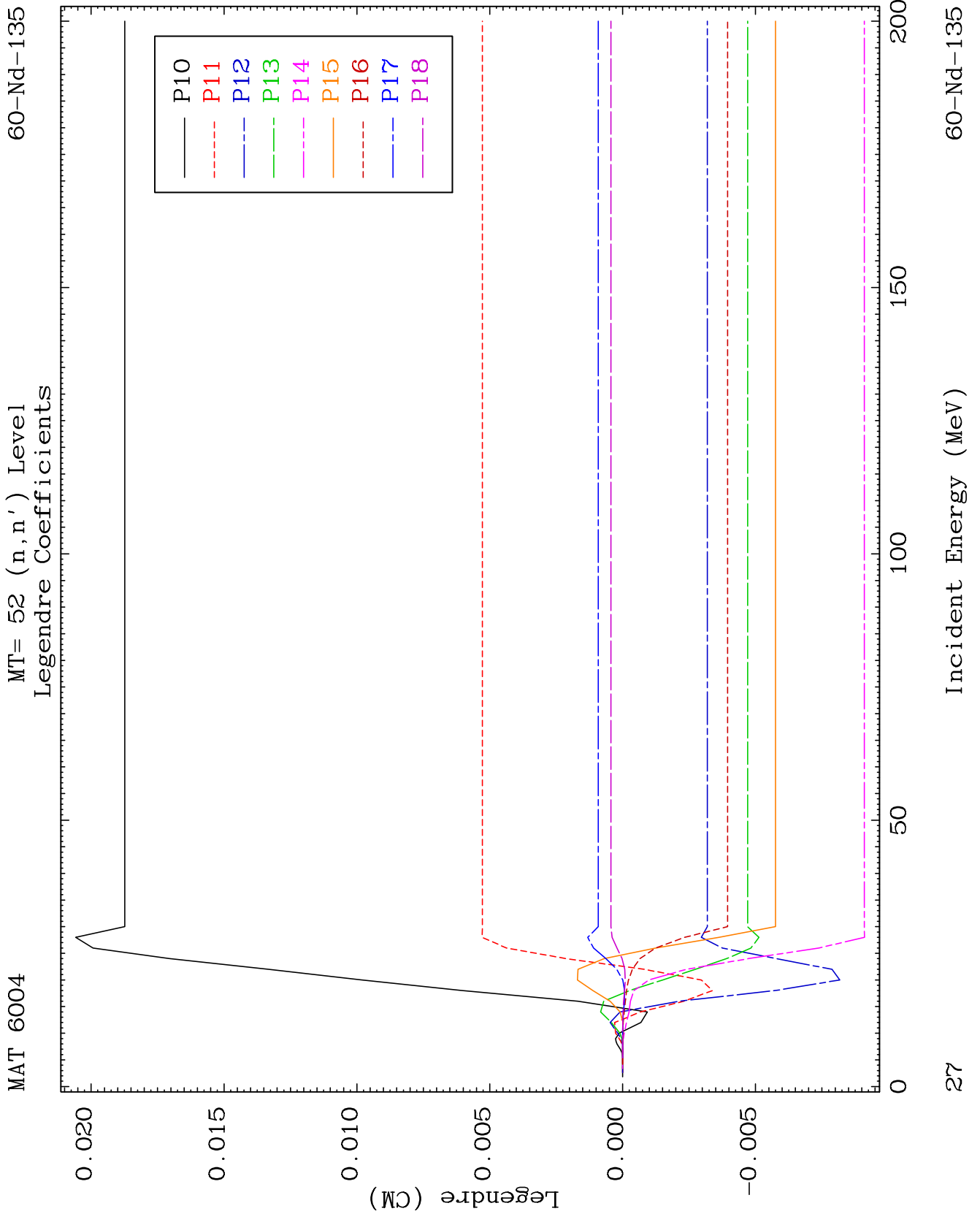
60-Nd-135



24



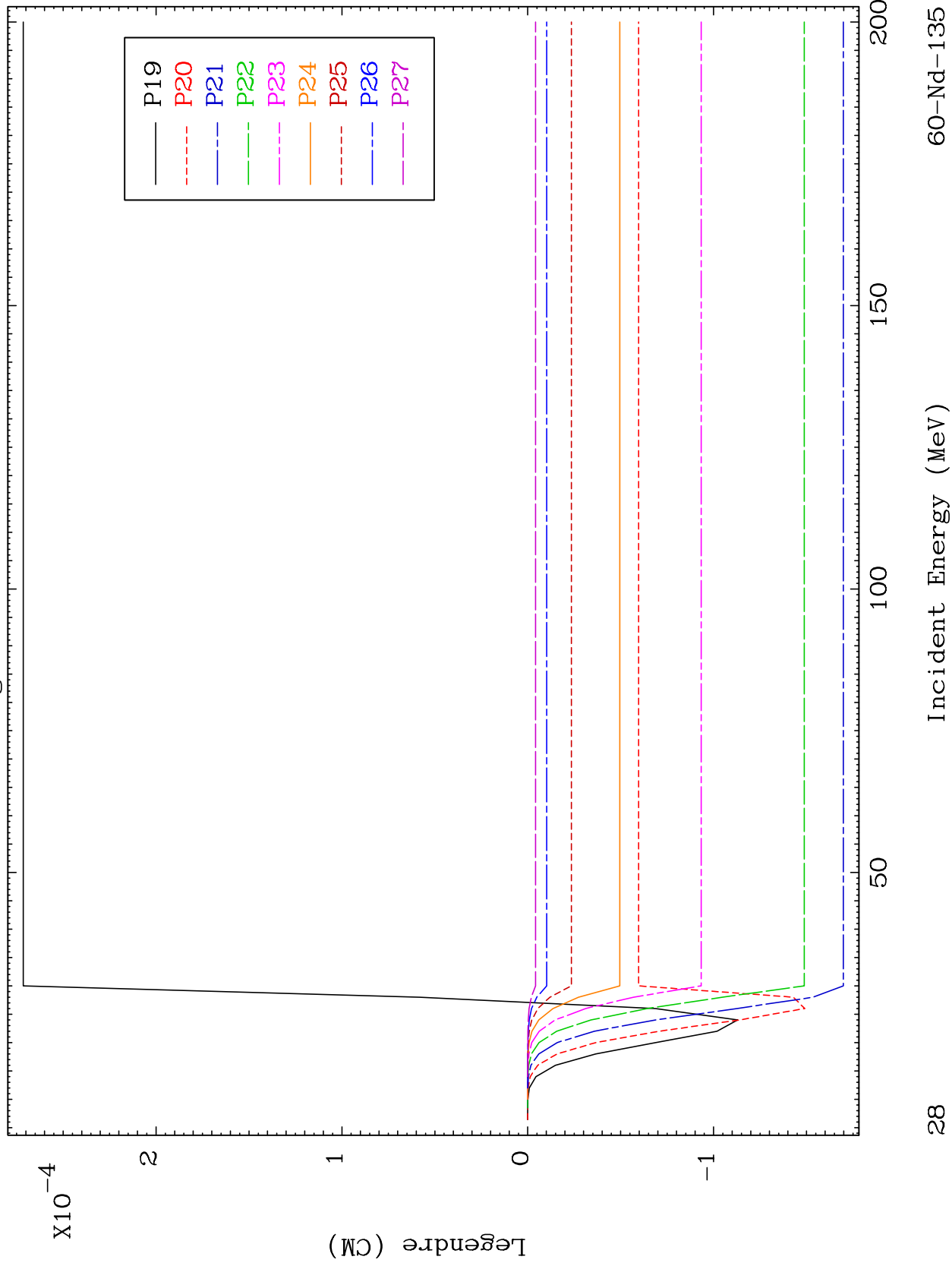




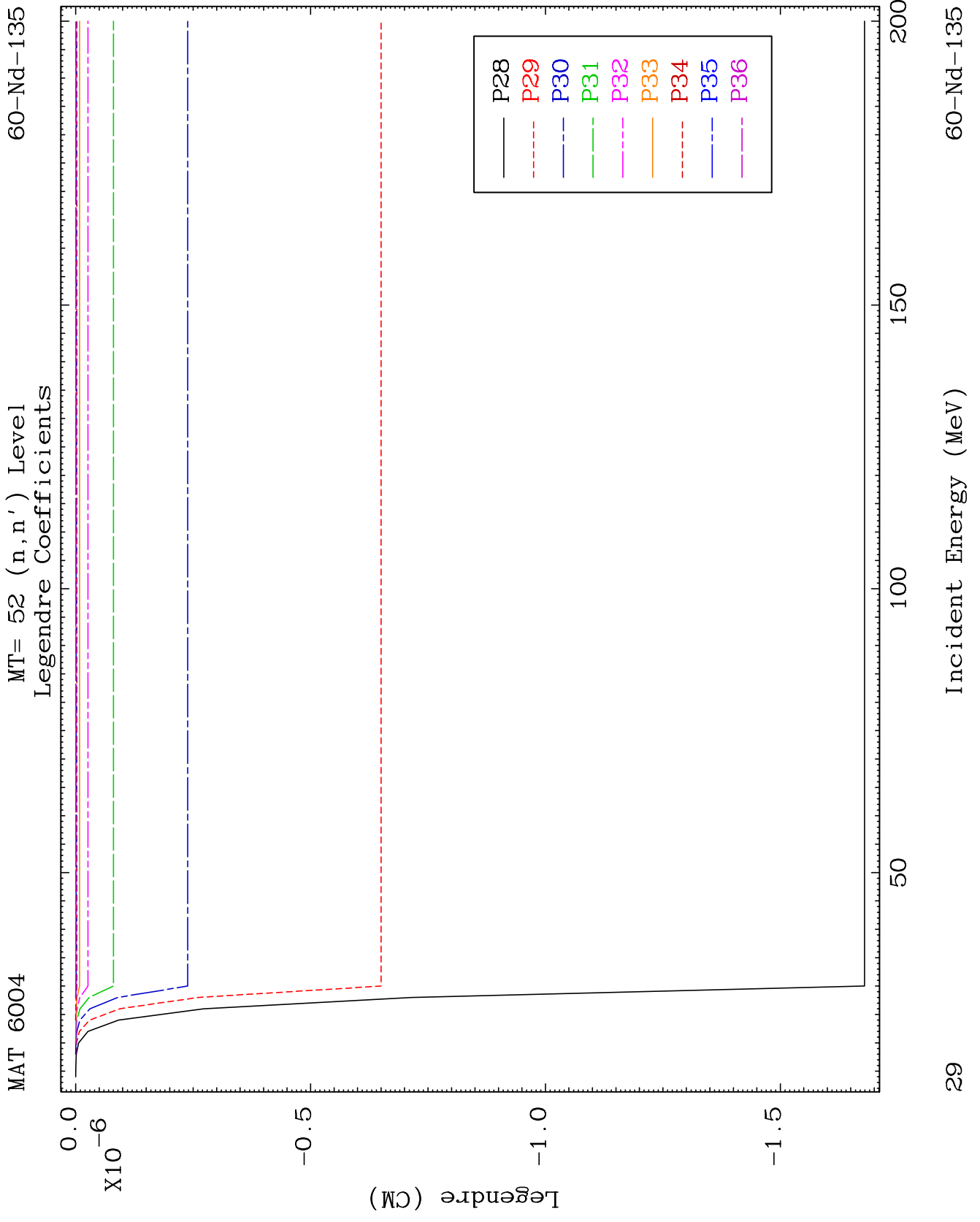
MAT 6004

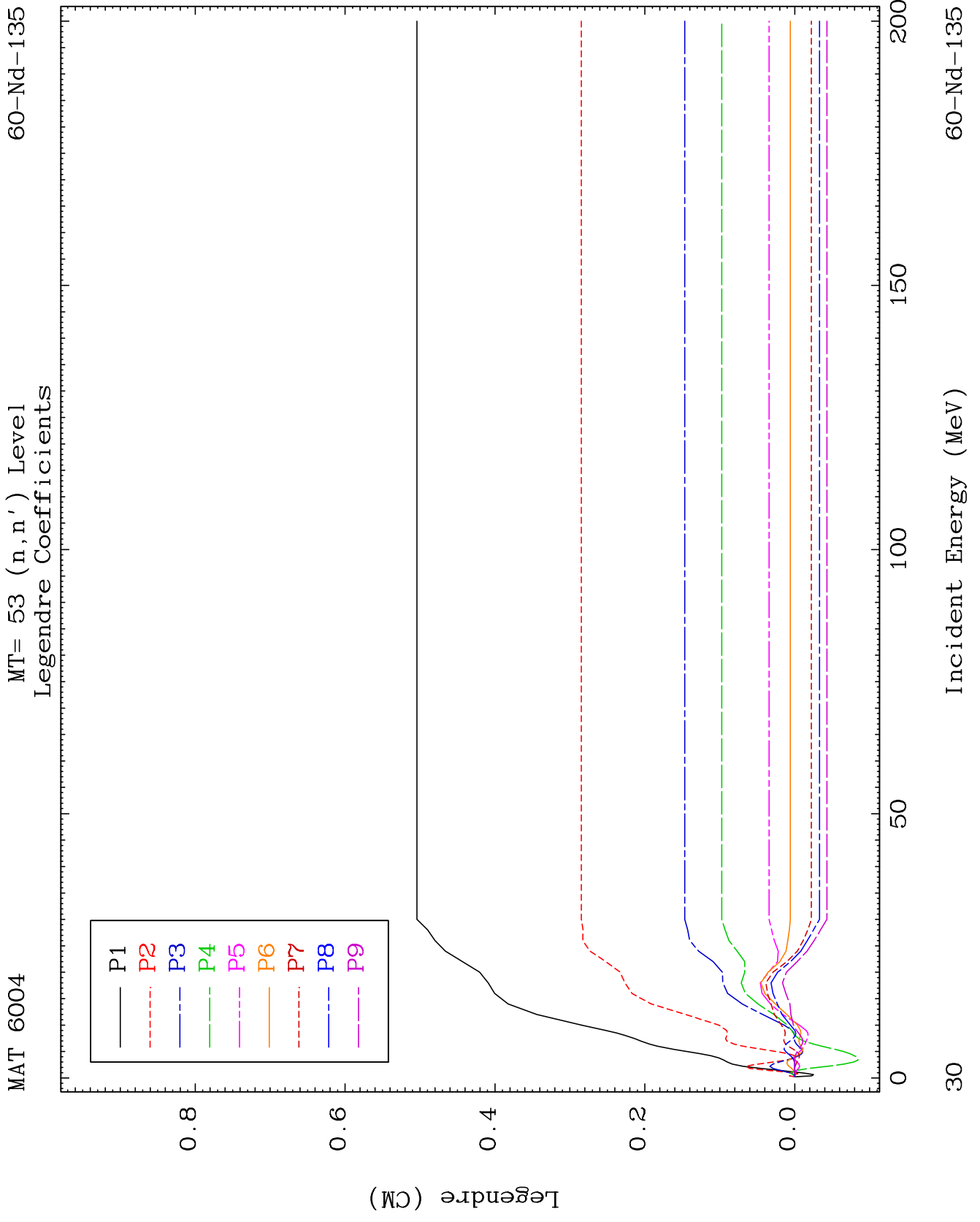
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Legendre Coefficients

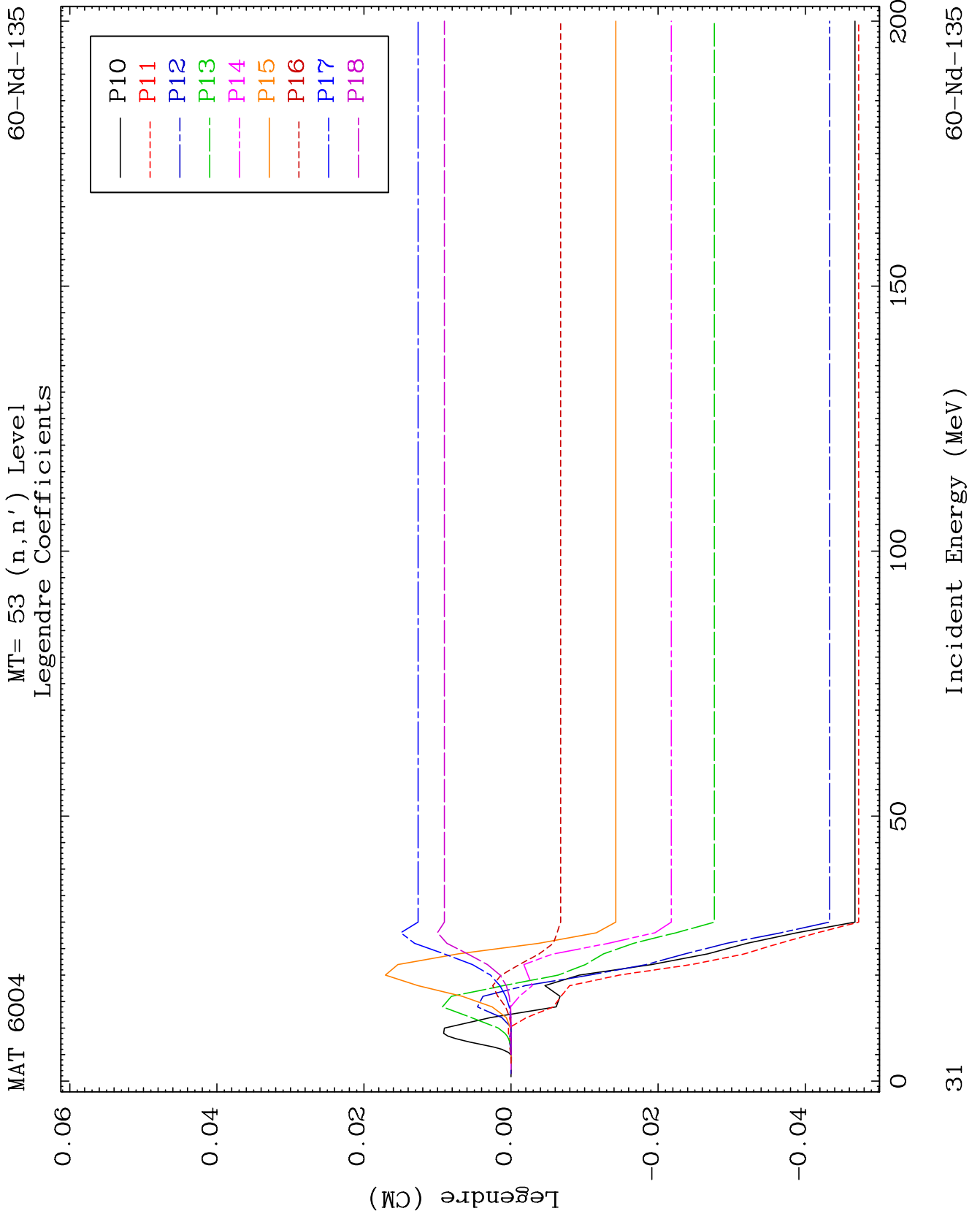
60-Nd-135

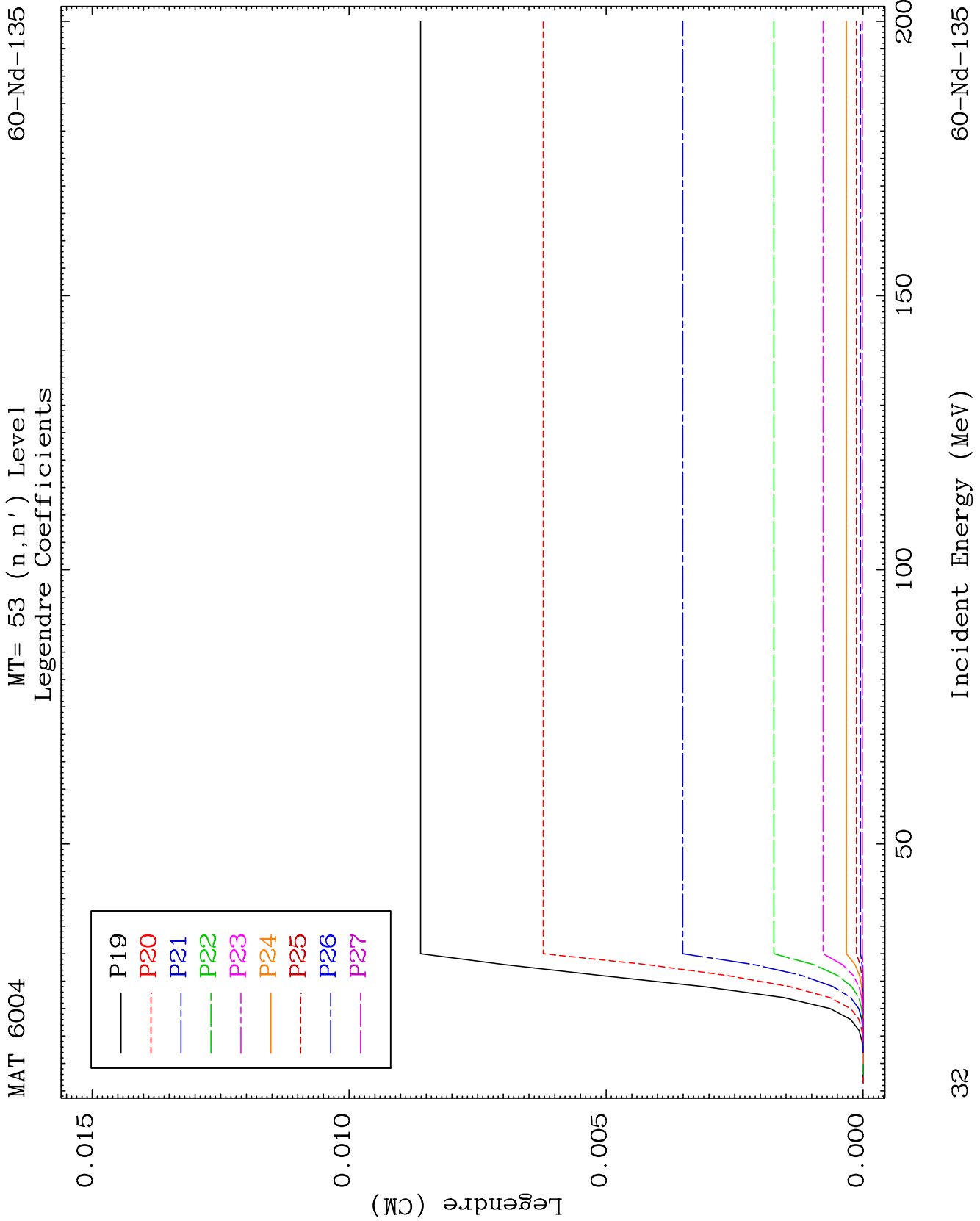


28





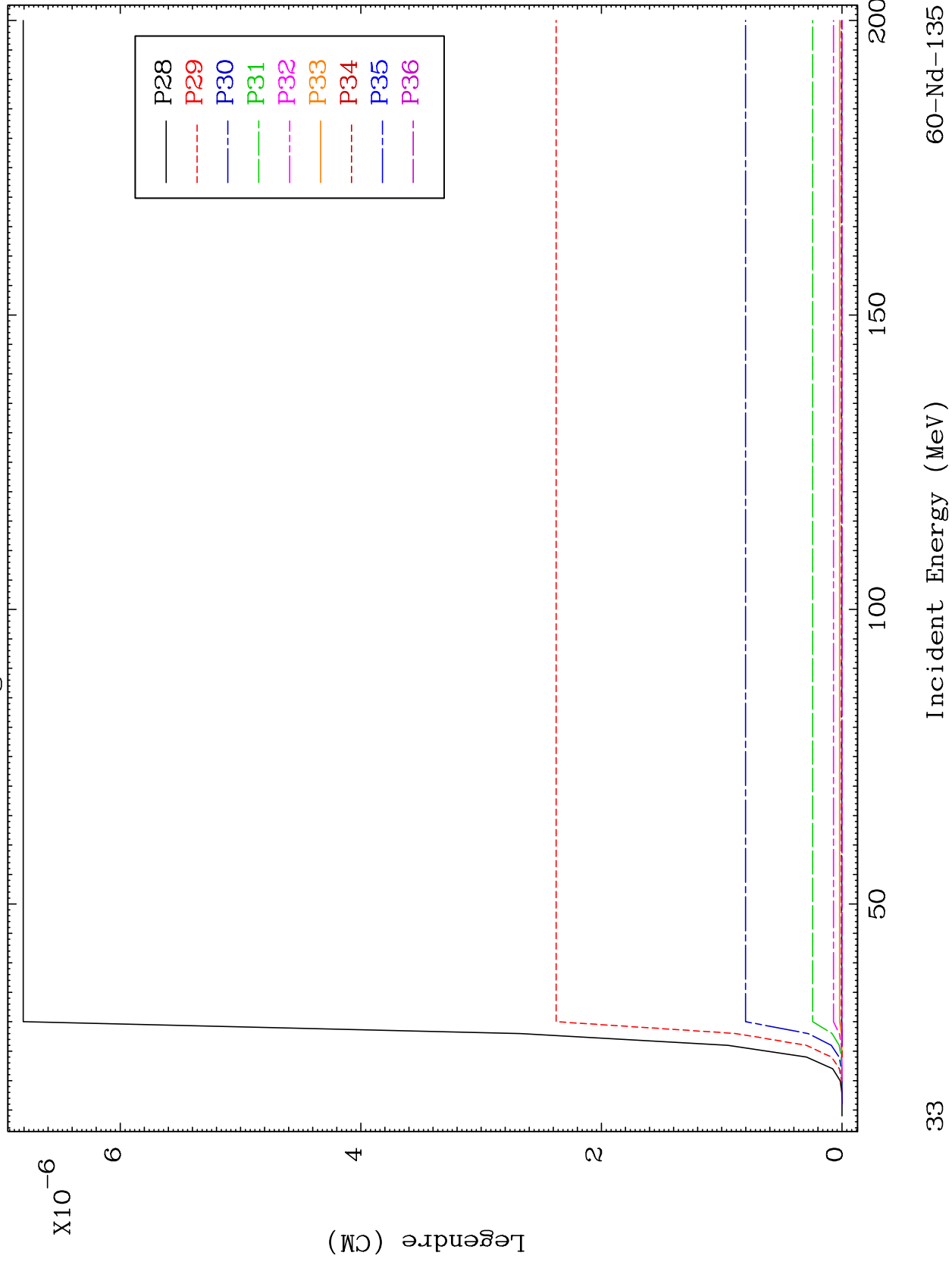




MAT 6004

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

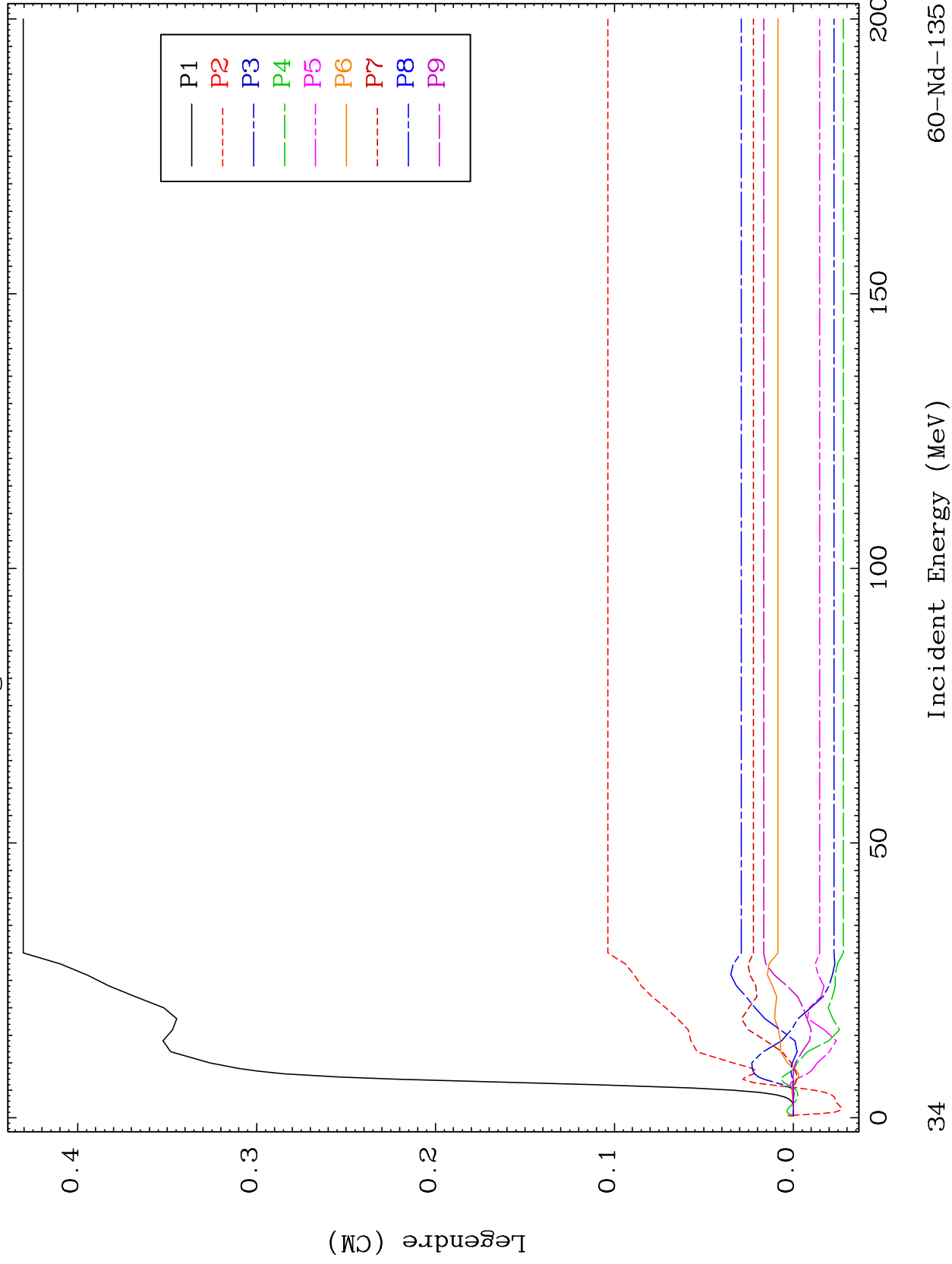
60-Nd-135



MAT 6004

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

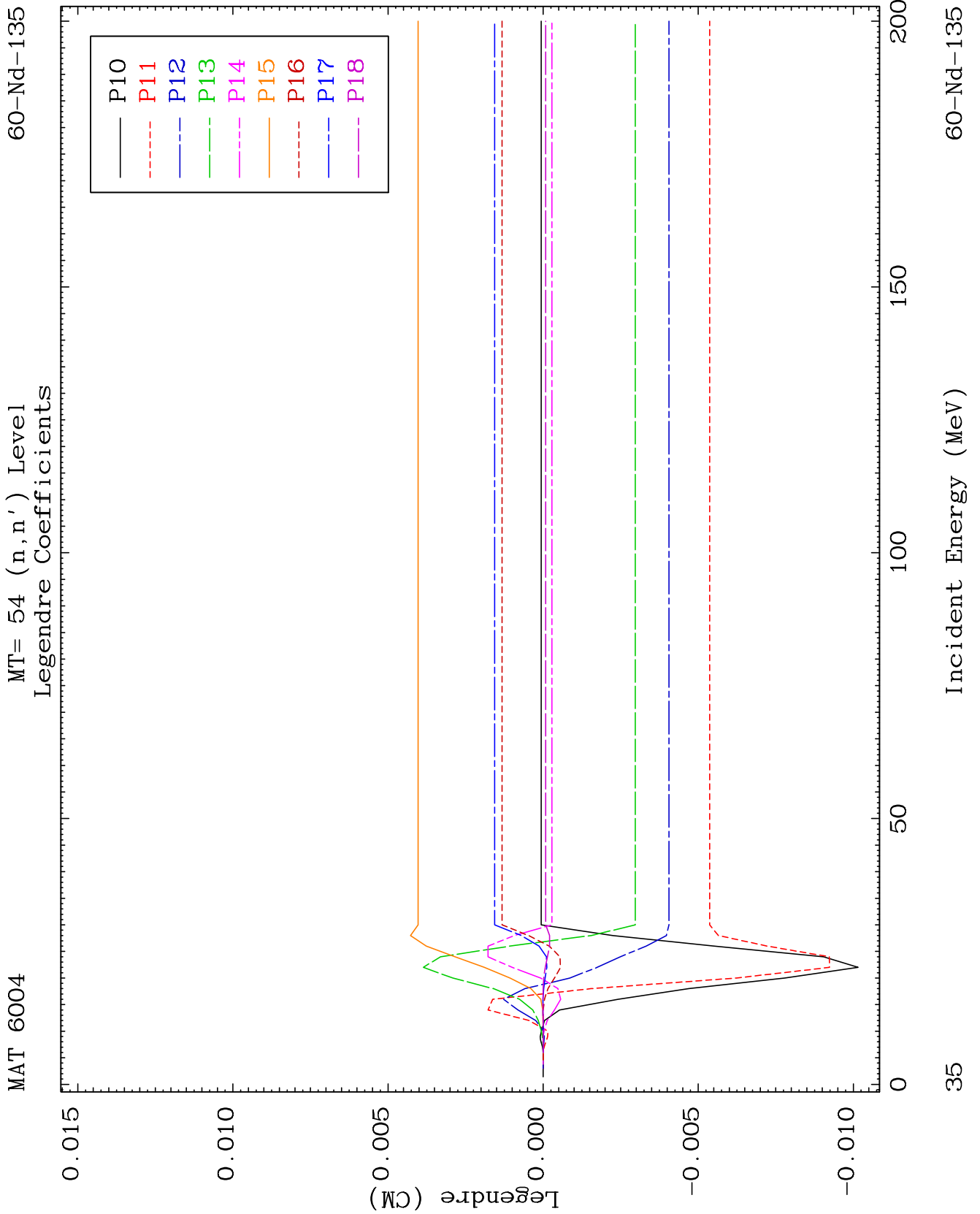
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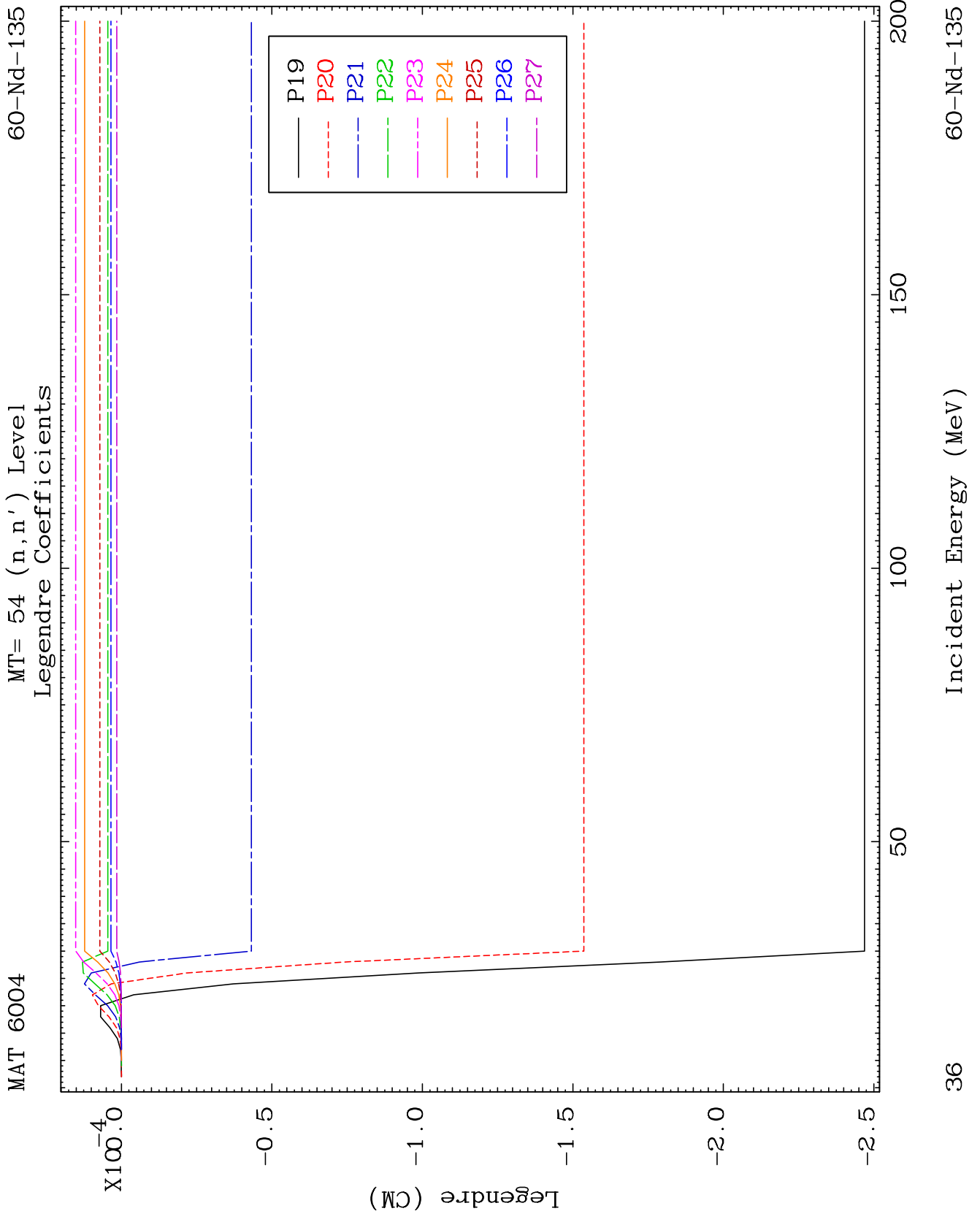


34

Incident Energy (MeV)

60-Nd-135

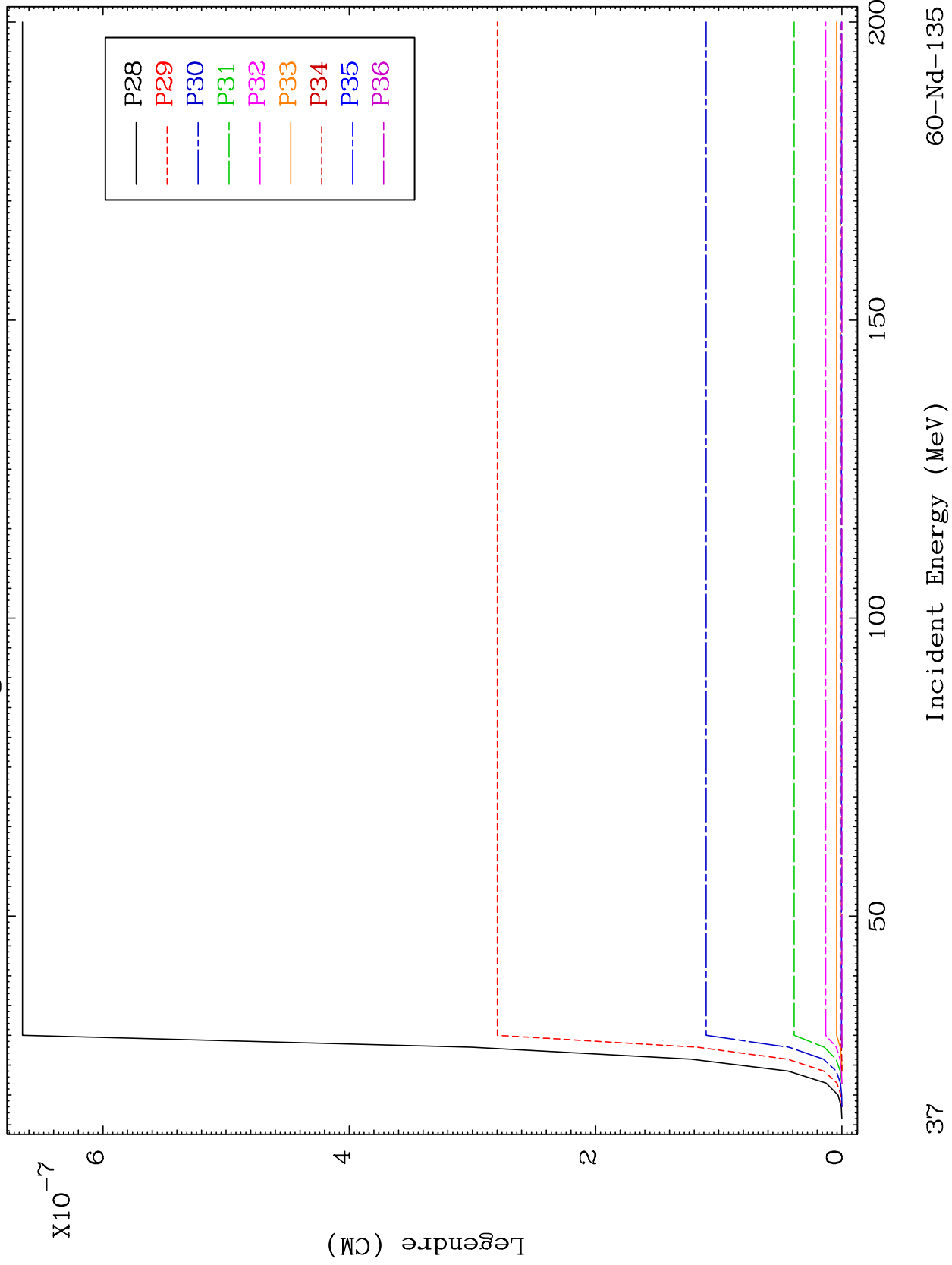




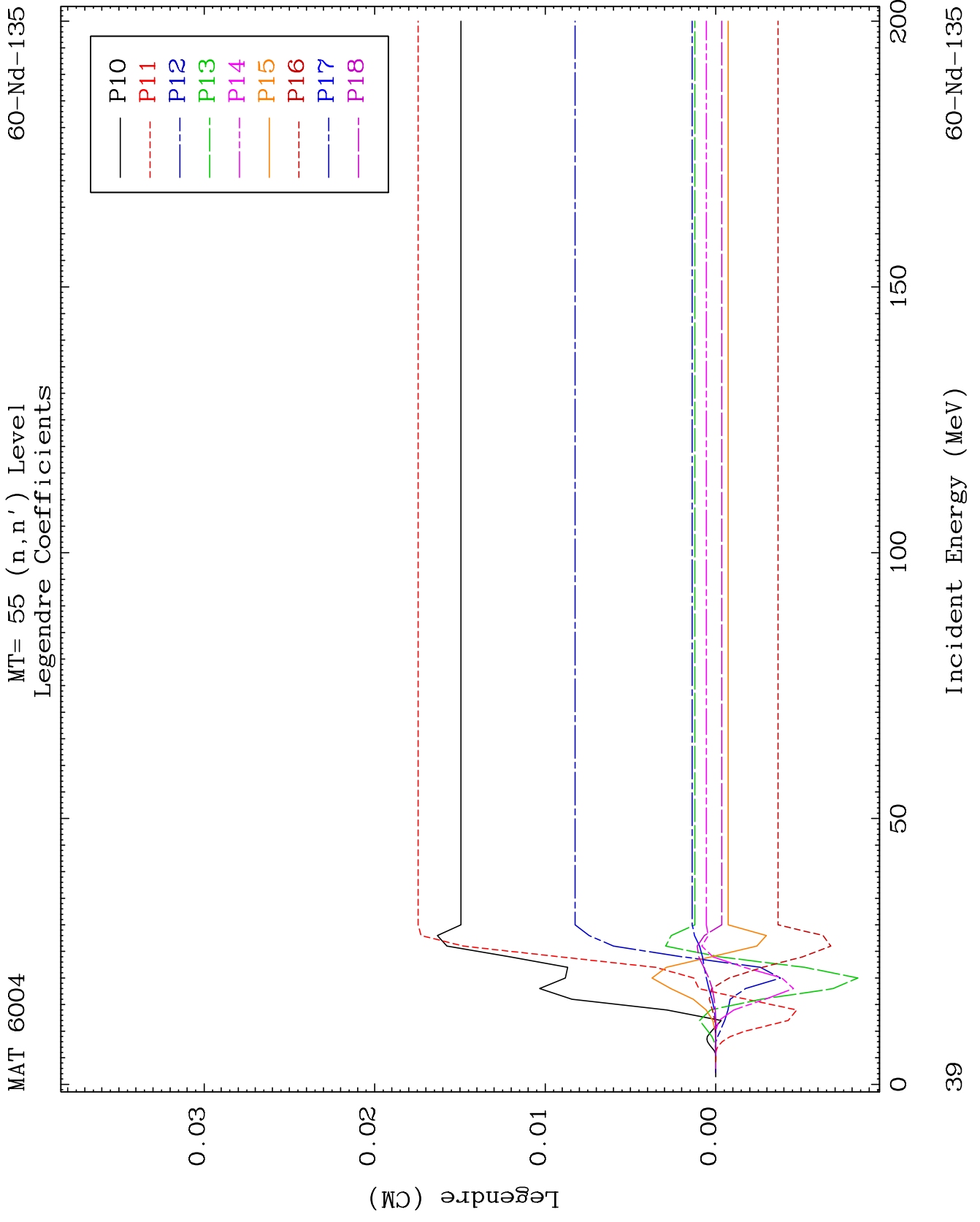
MAT 6004

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

60-Nd-135



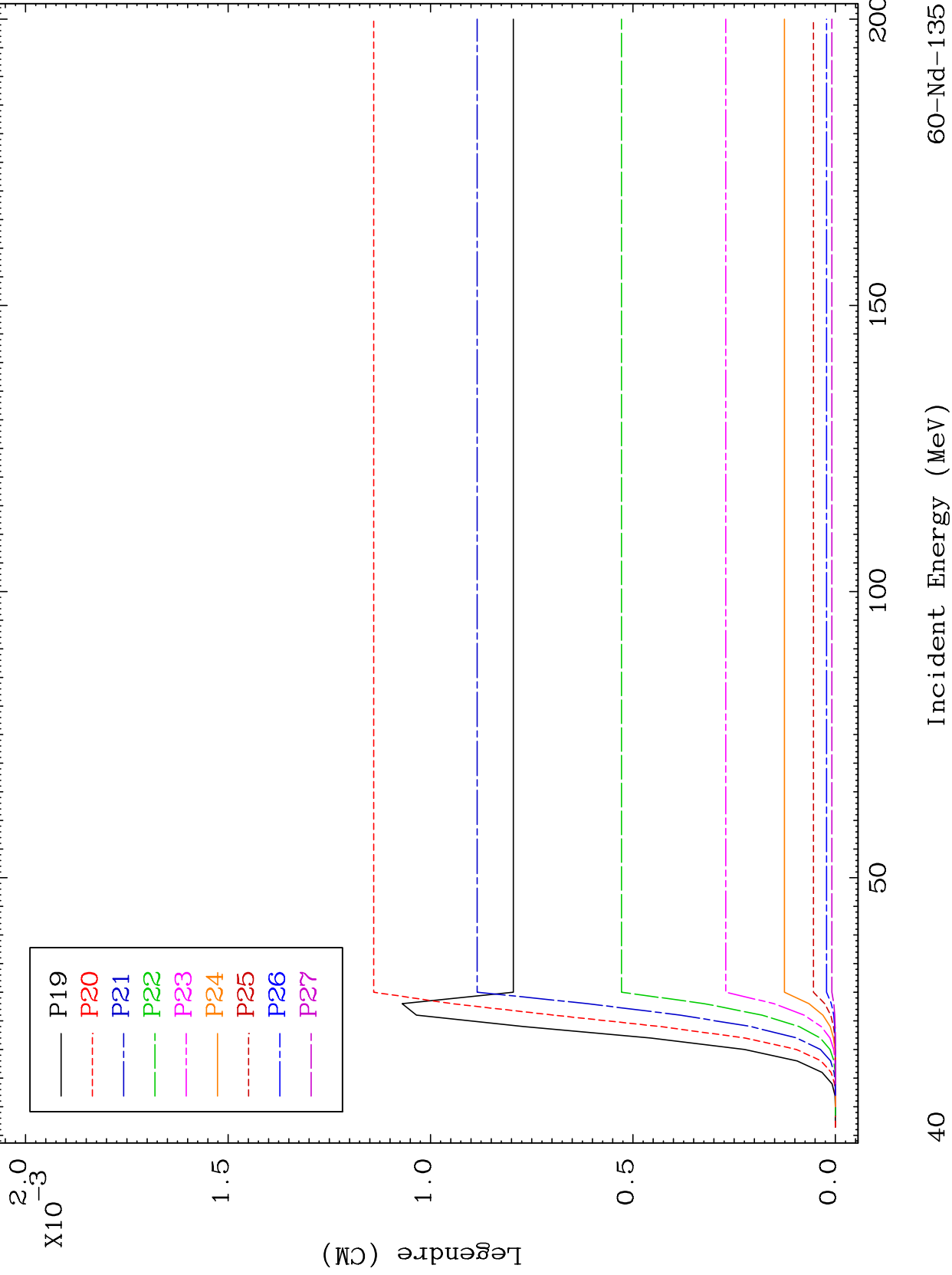




MAT 6004

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

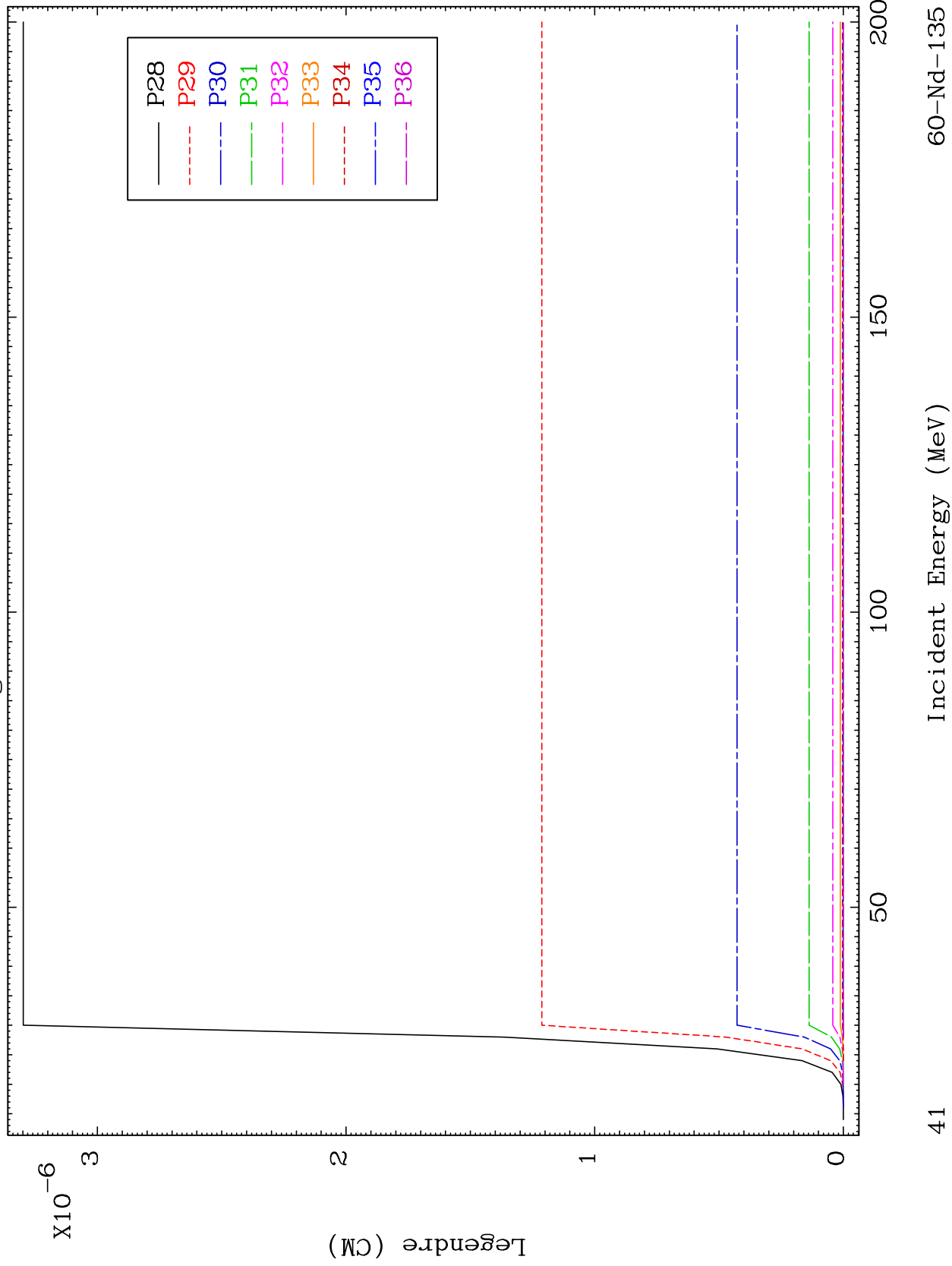
60-Nd-135



MAT 6004

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

60-Nd-135



41

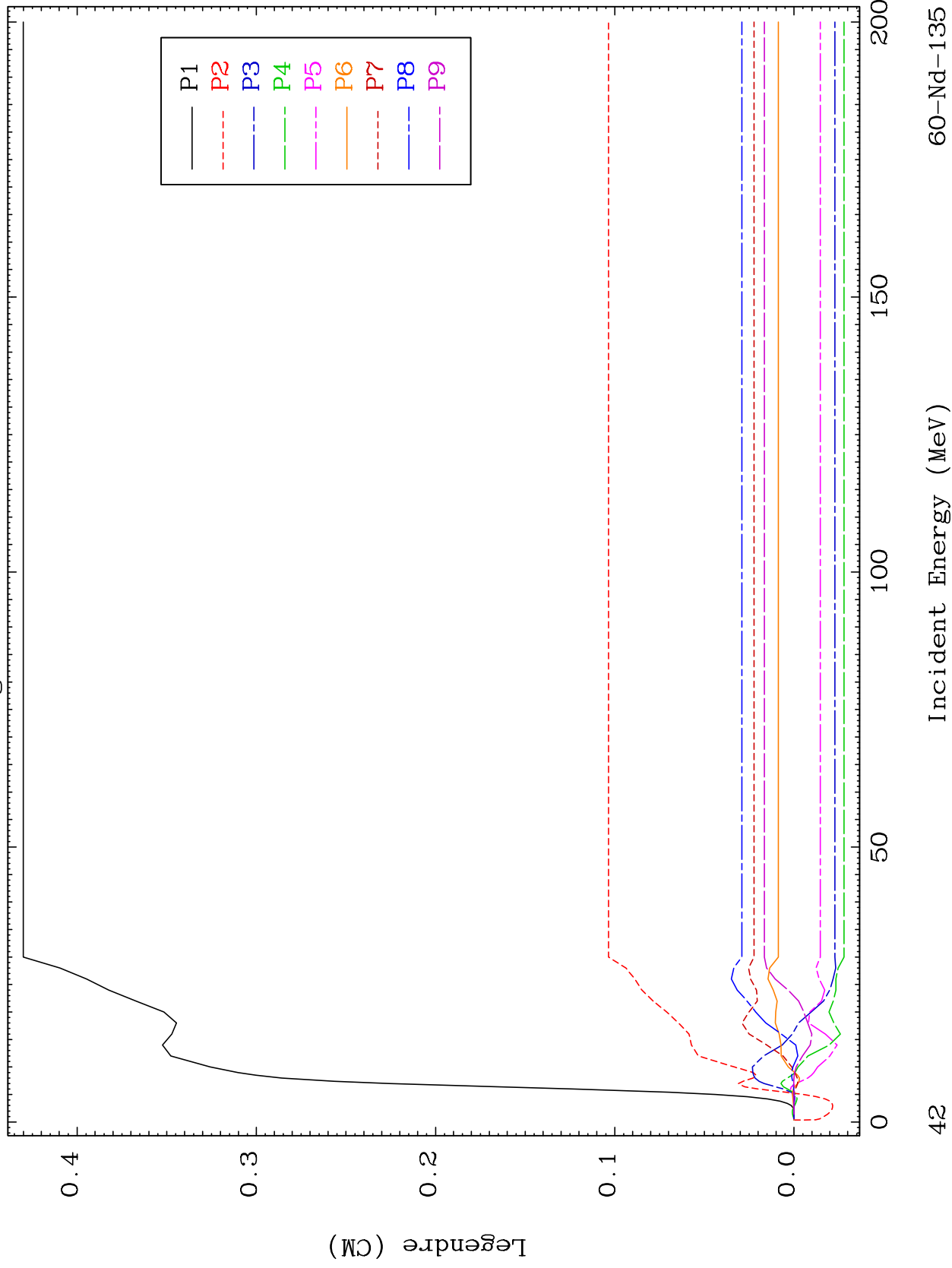
Incident Energy (MeV)

60-Nd-135

MAT 6004

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

60-Nd-135

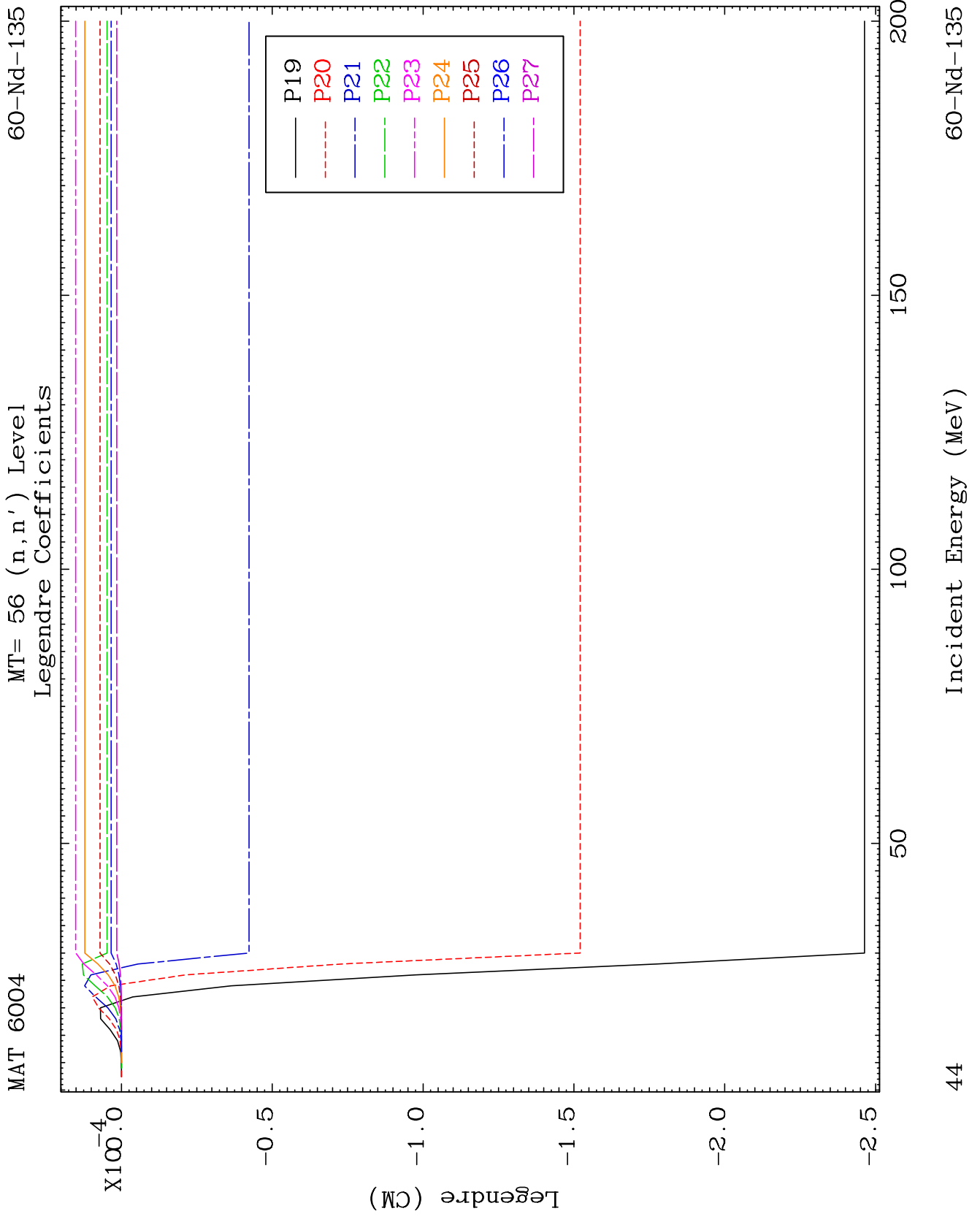


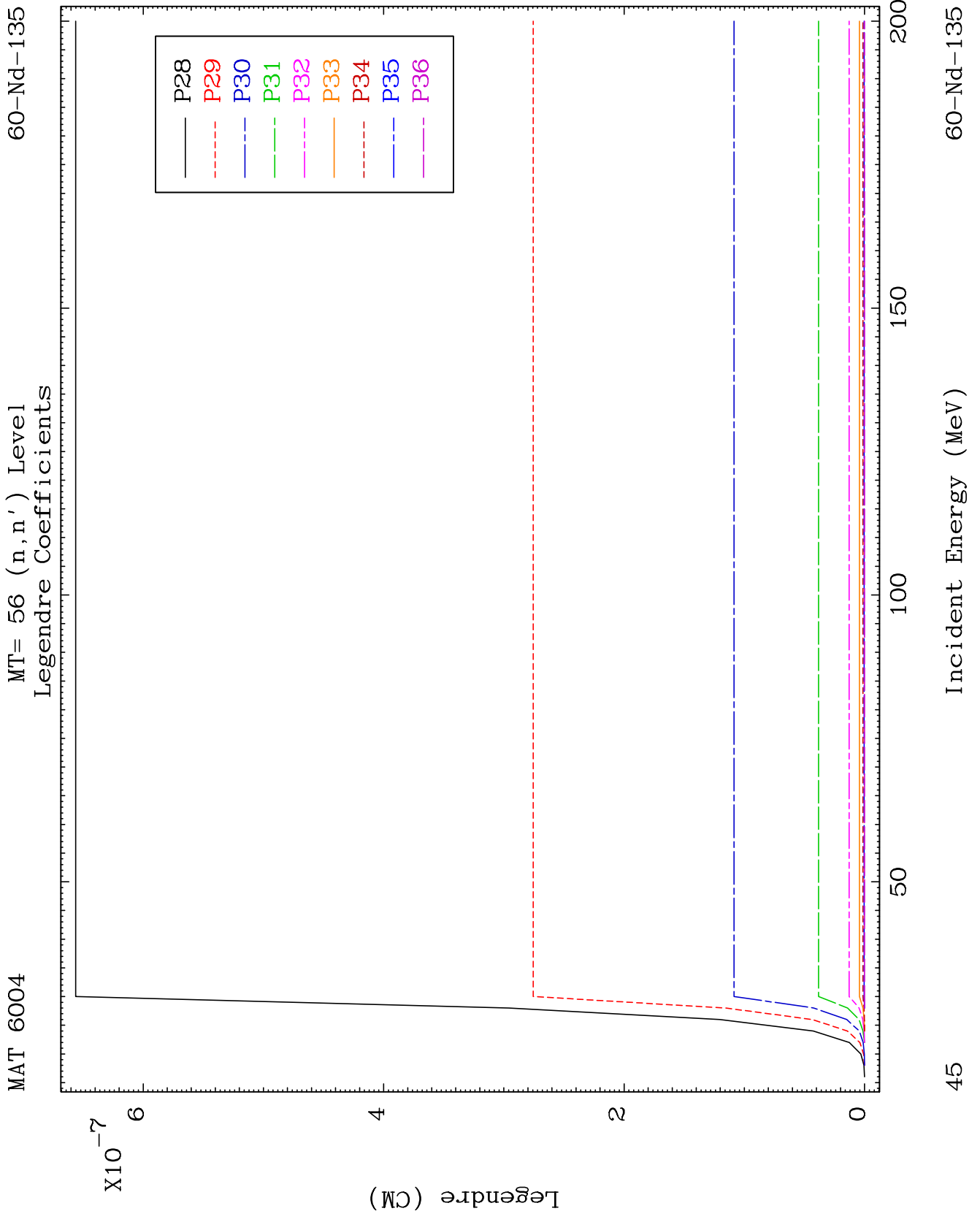
42

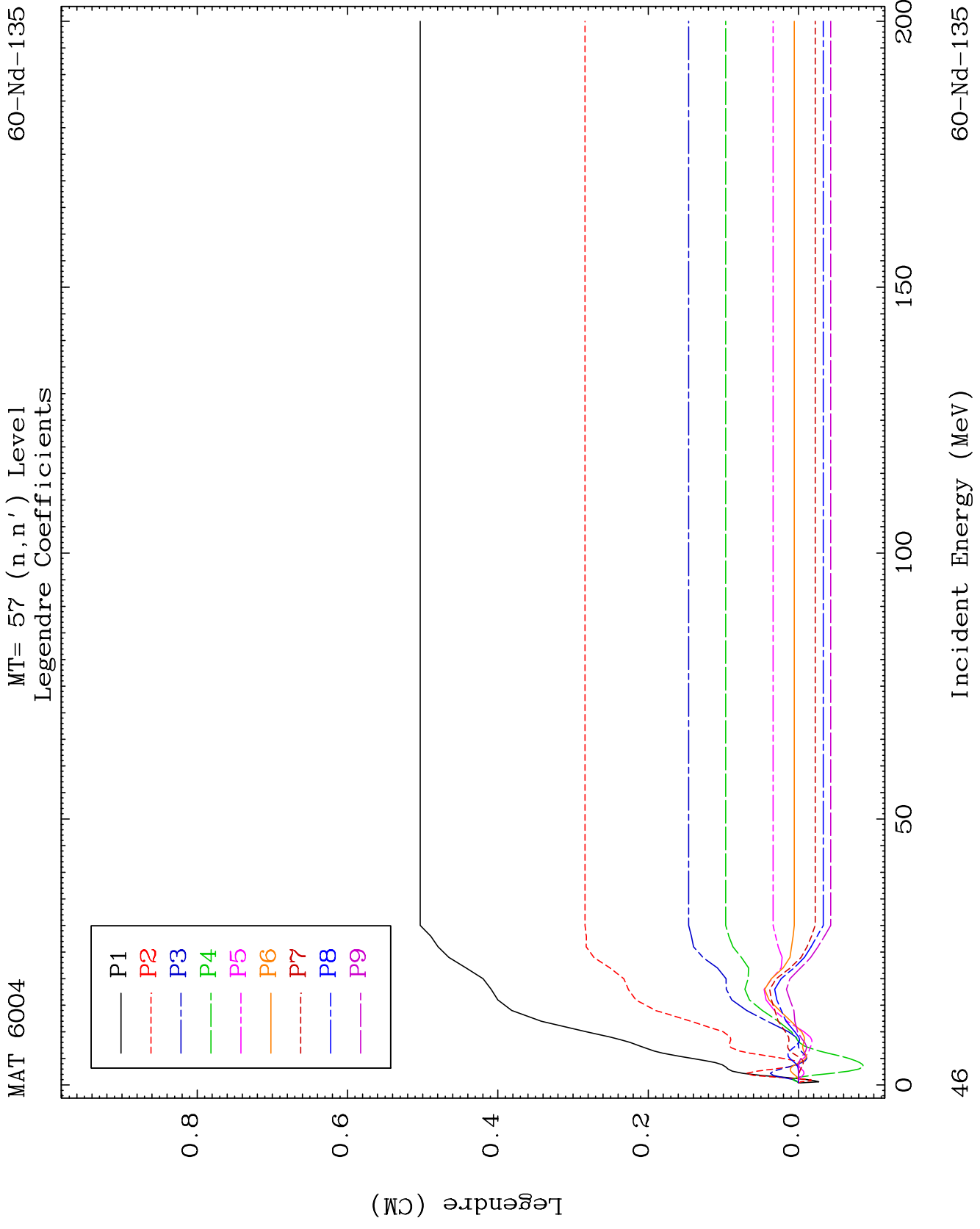
Incident Energy (MeV)

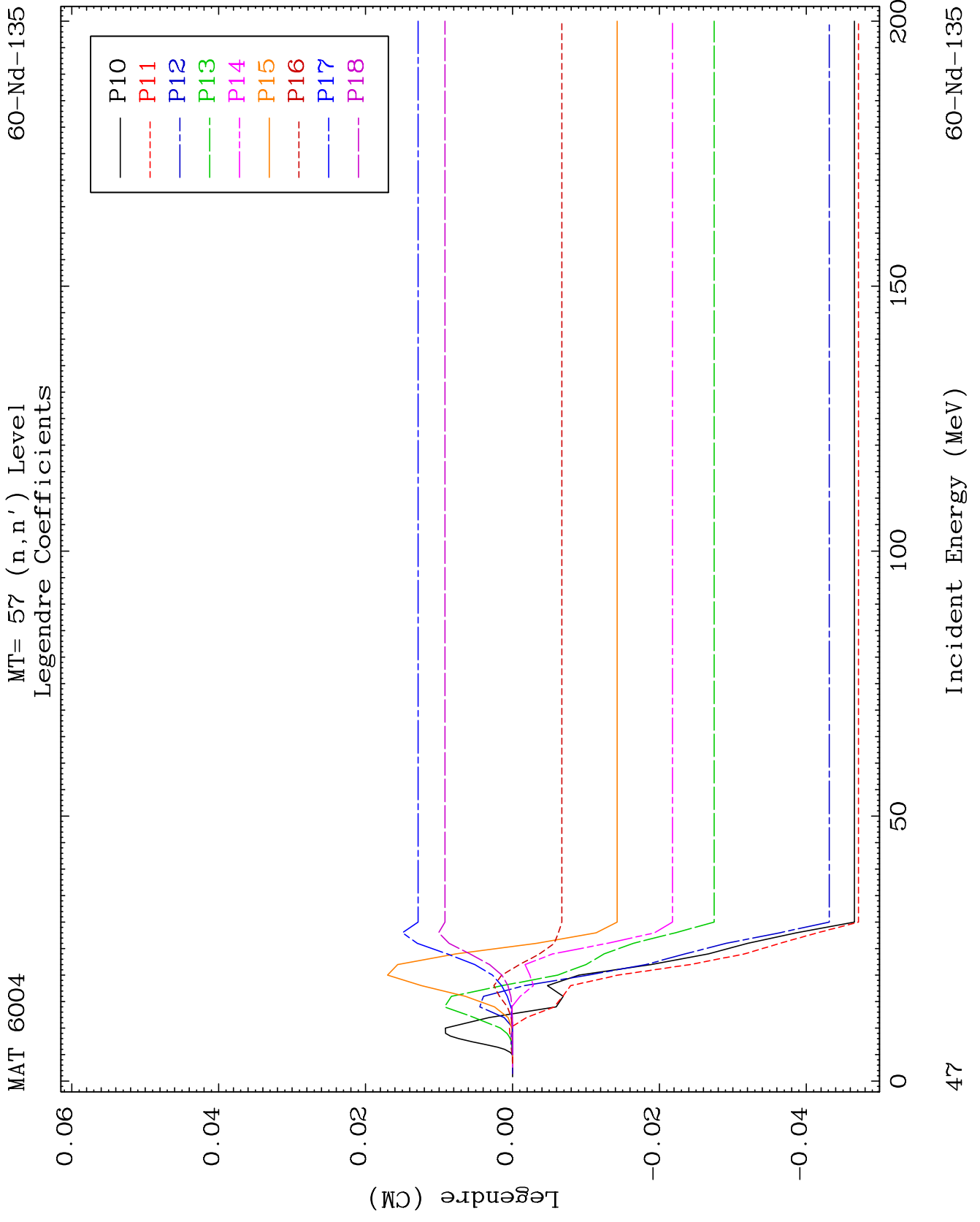
60-Nd-135

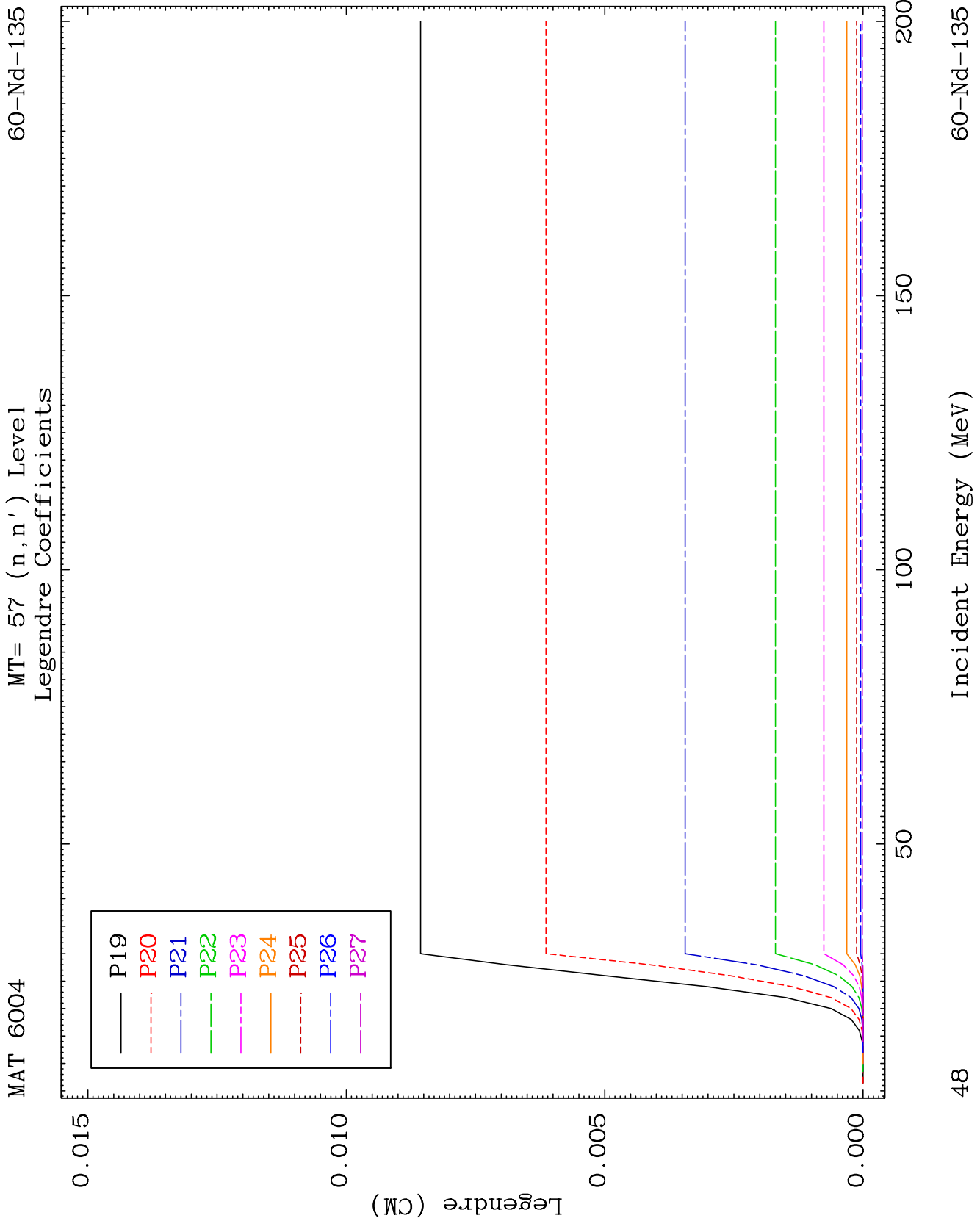








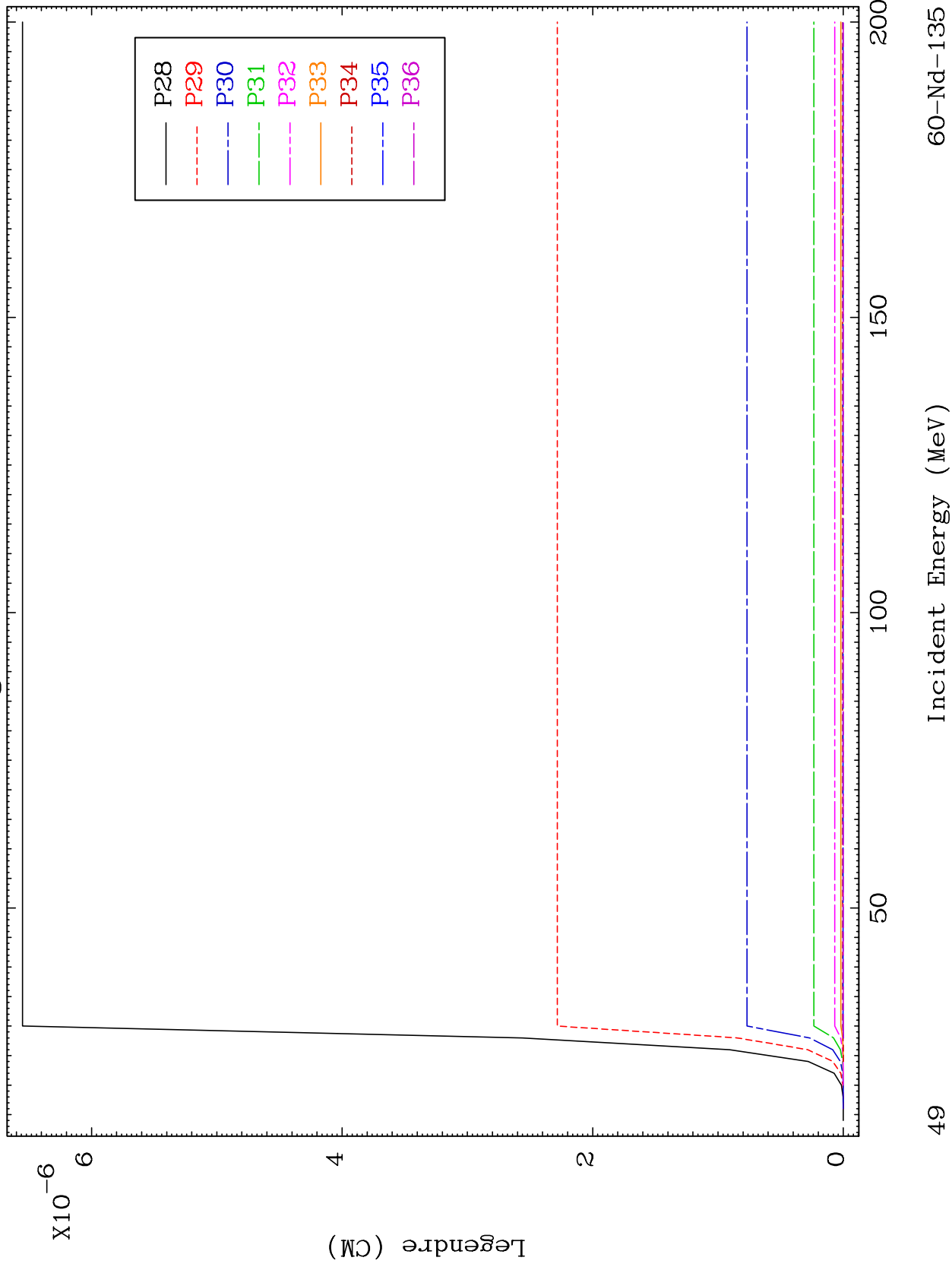




MAT 6004

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

60-Nd-135

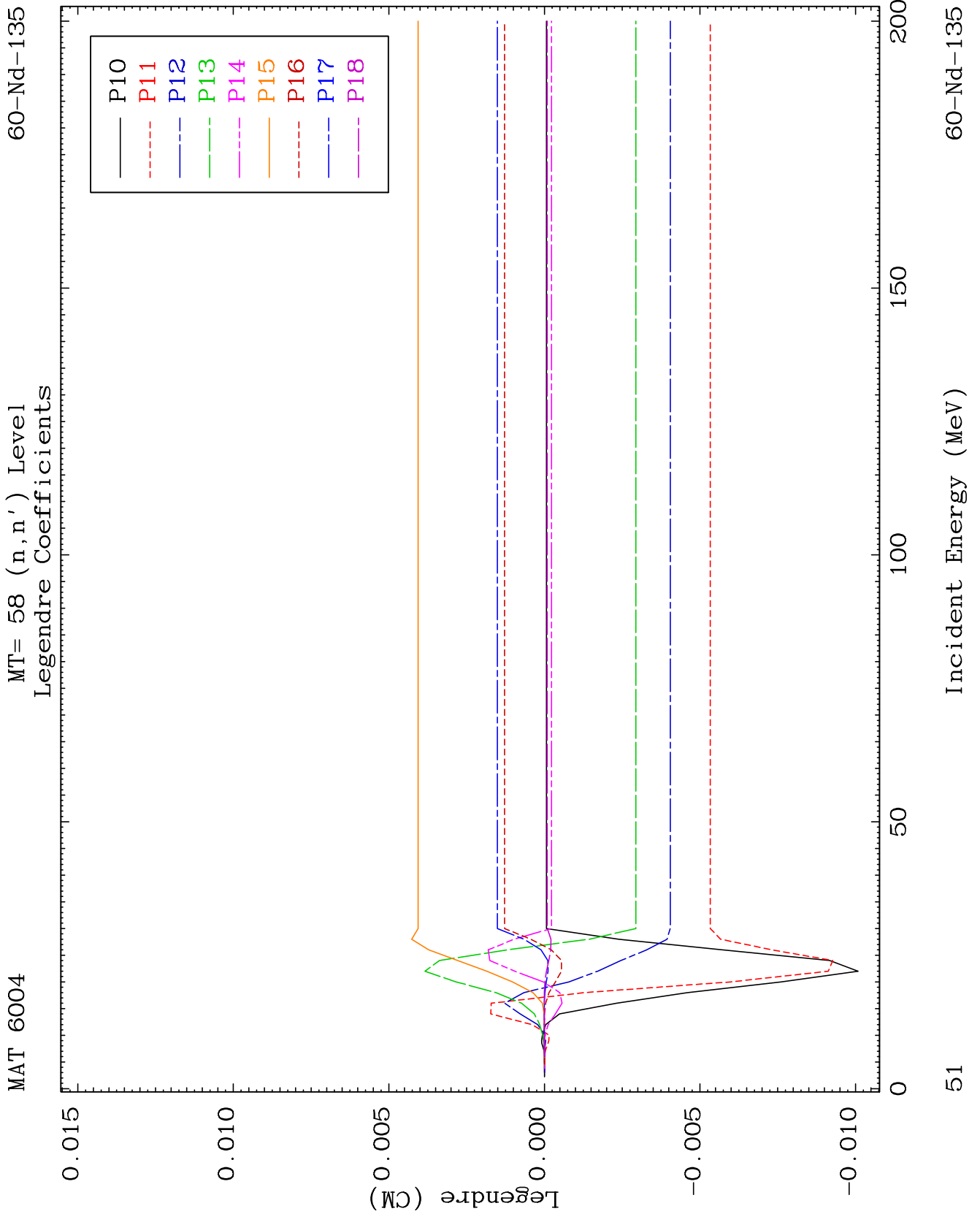


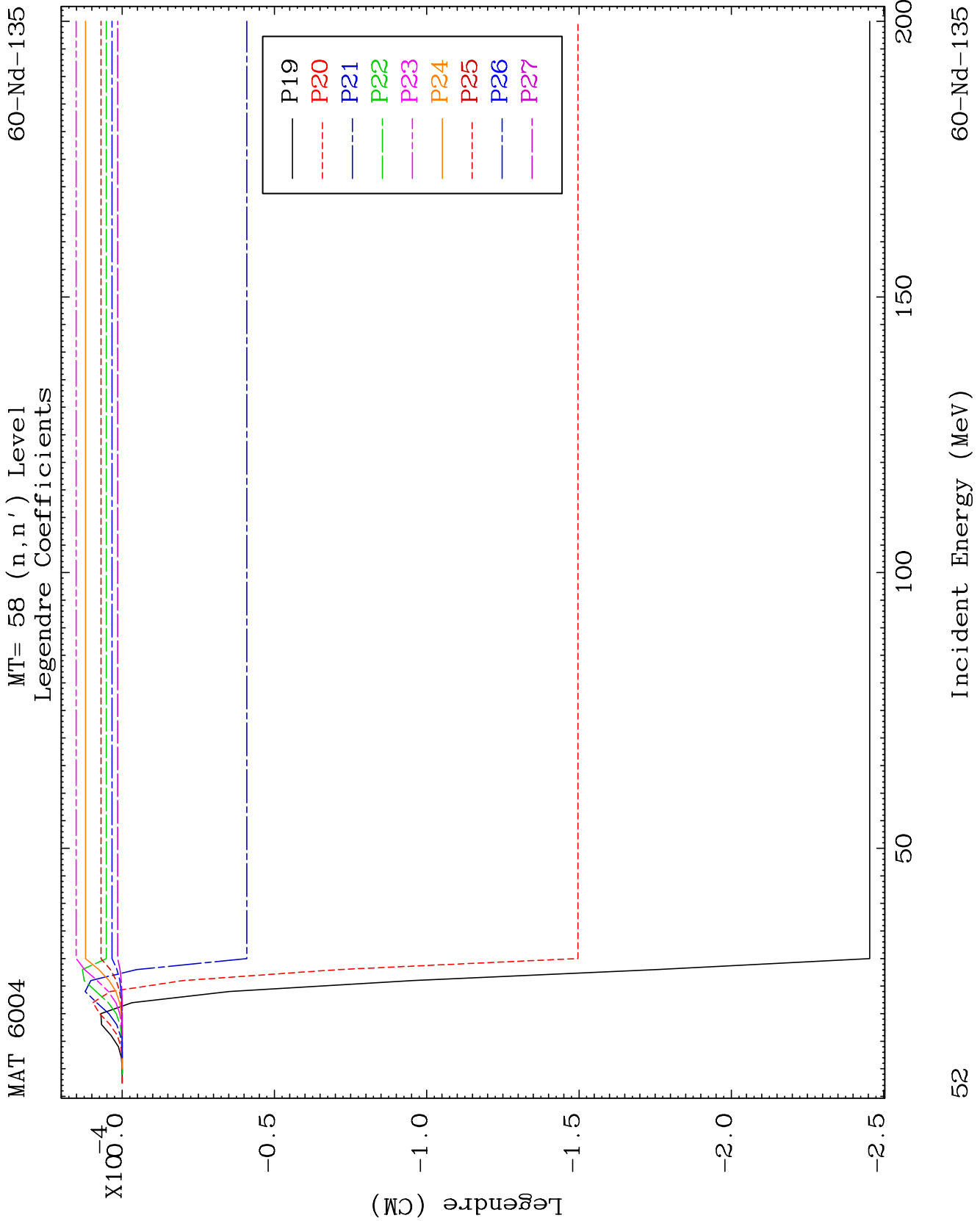
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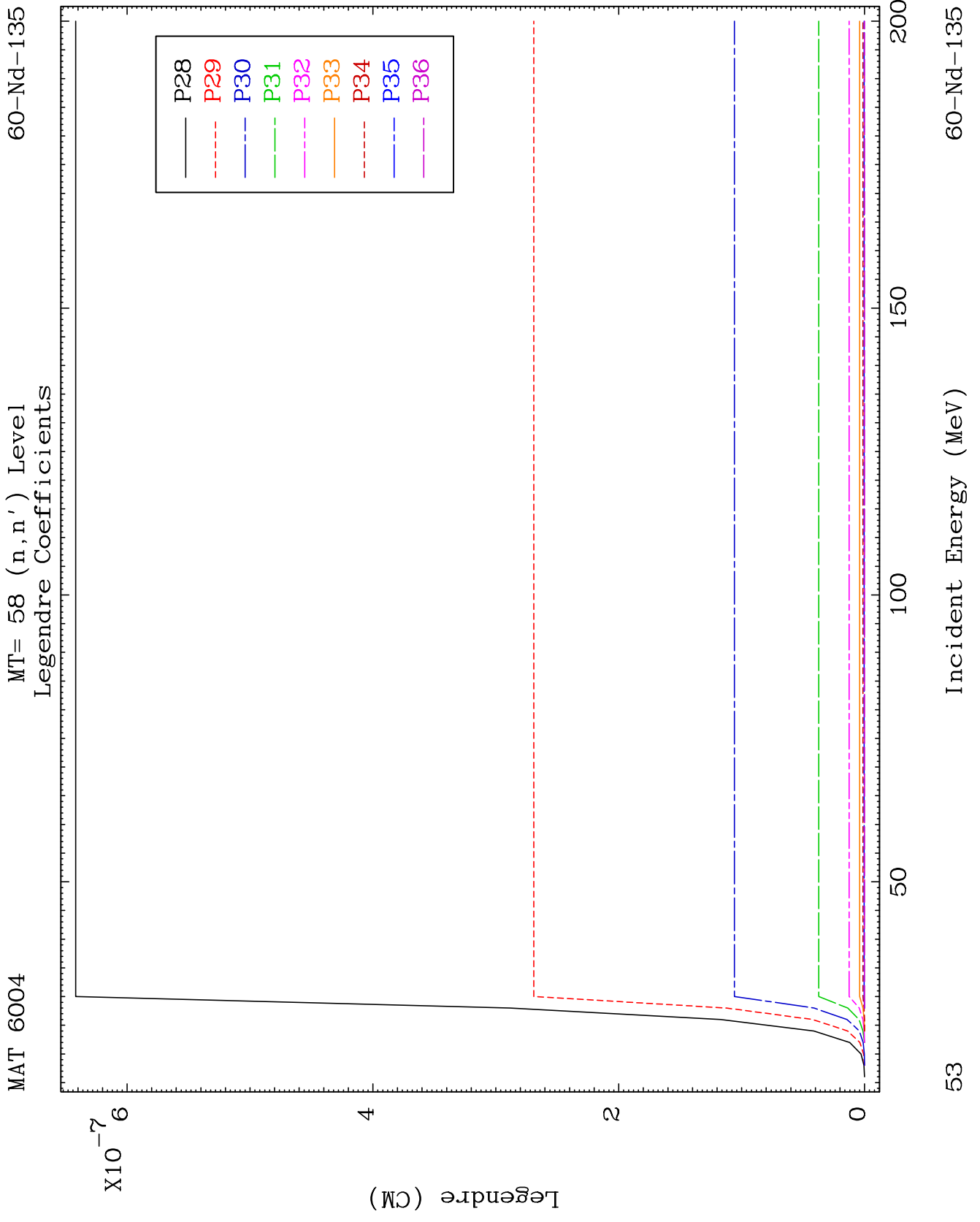
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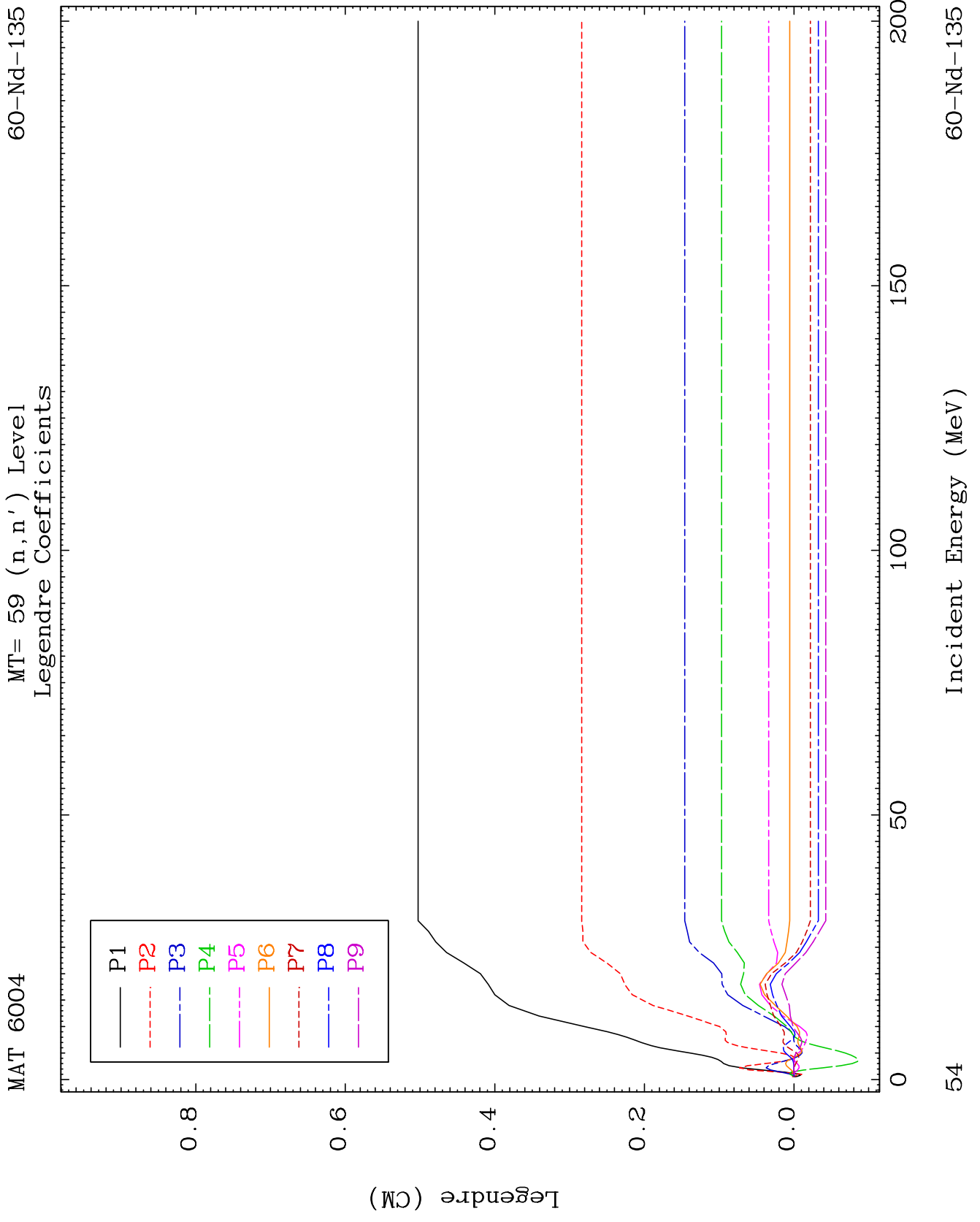
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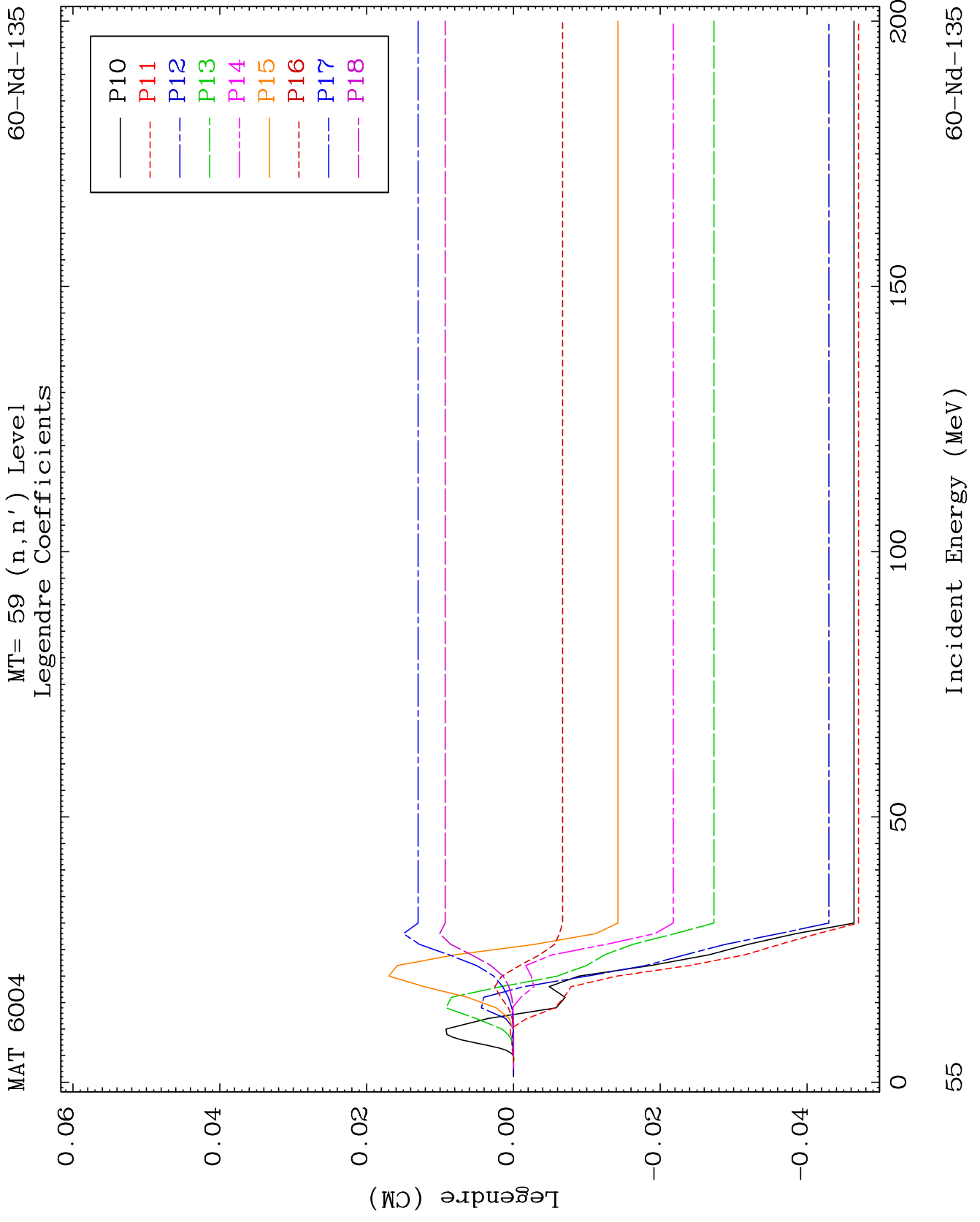


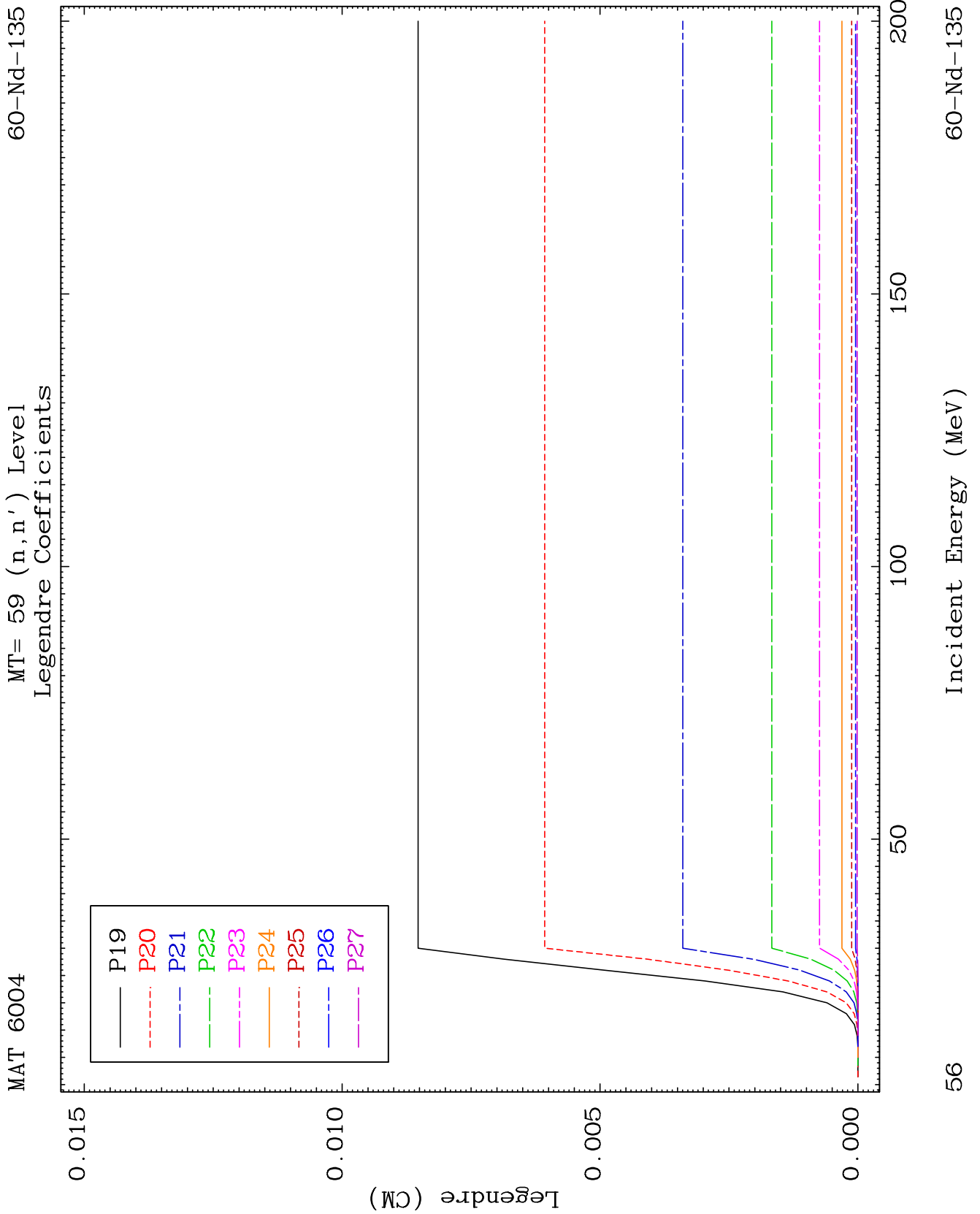








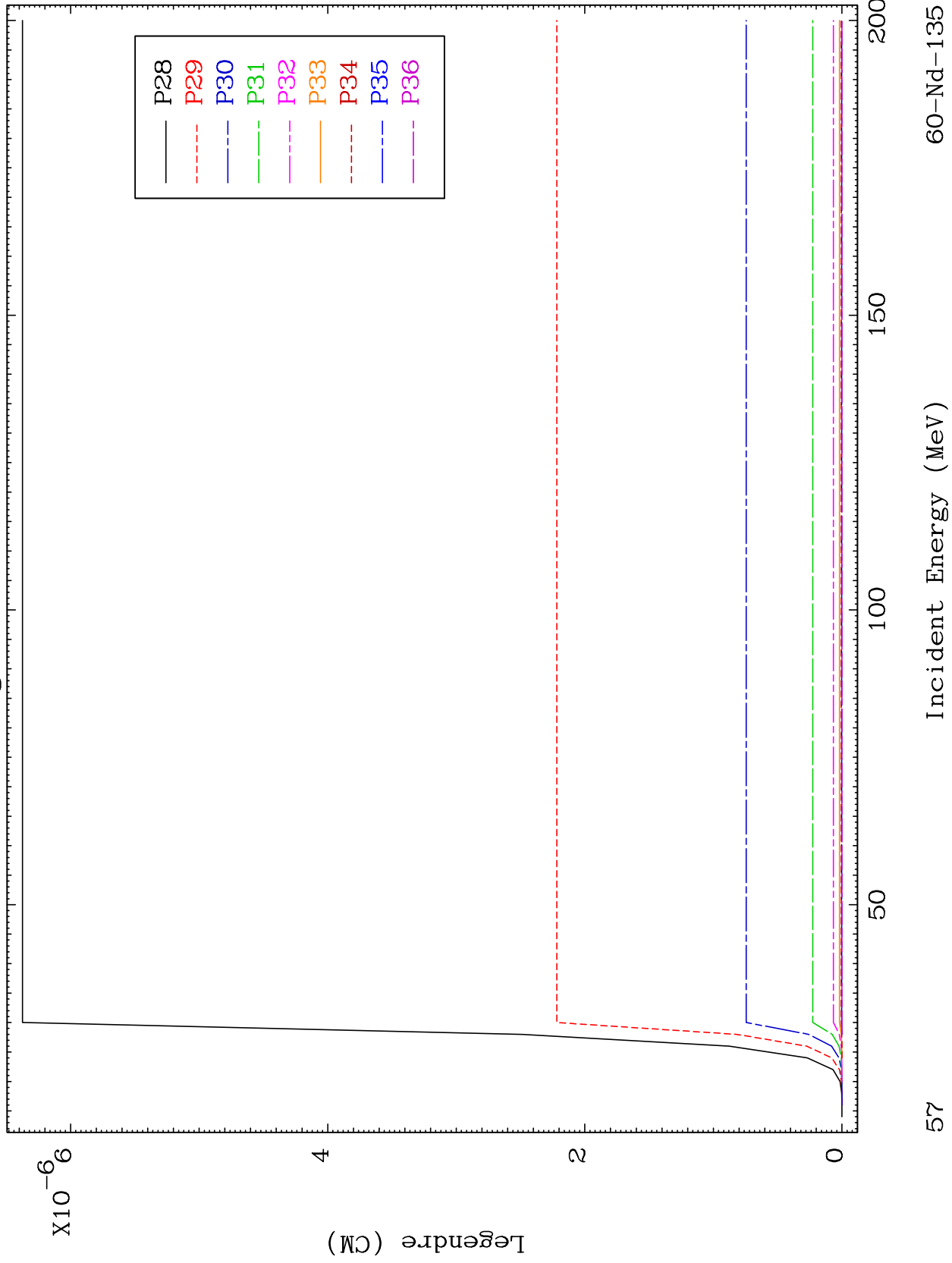




MAT 6004

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

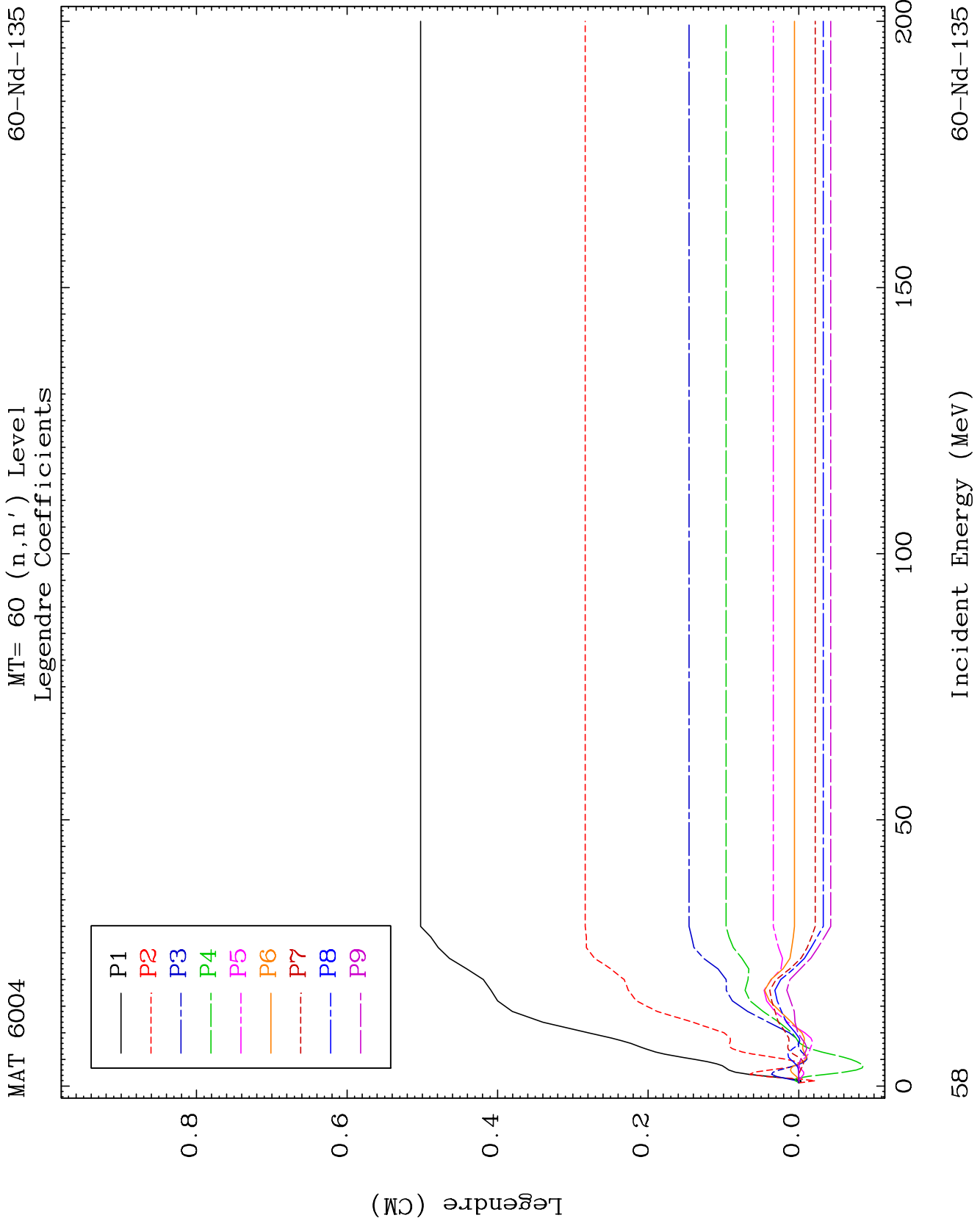
60-Nd-135

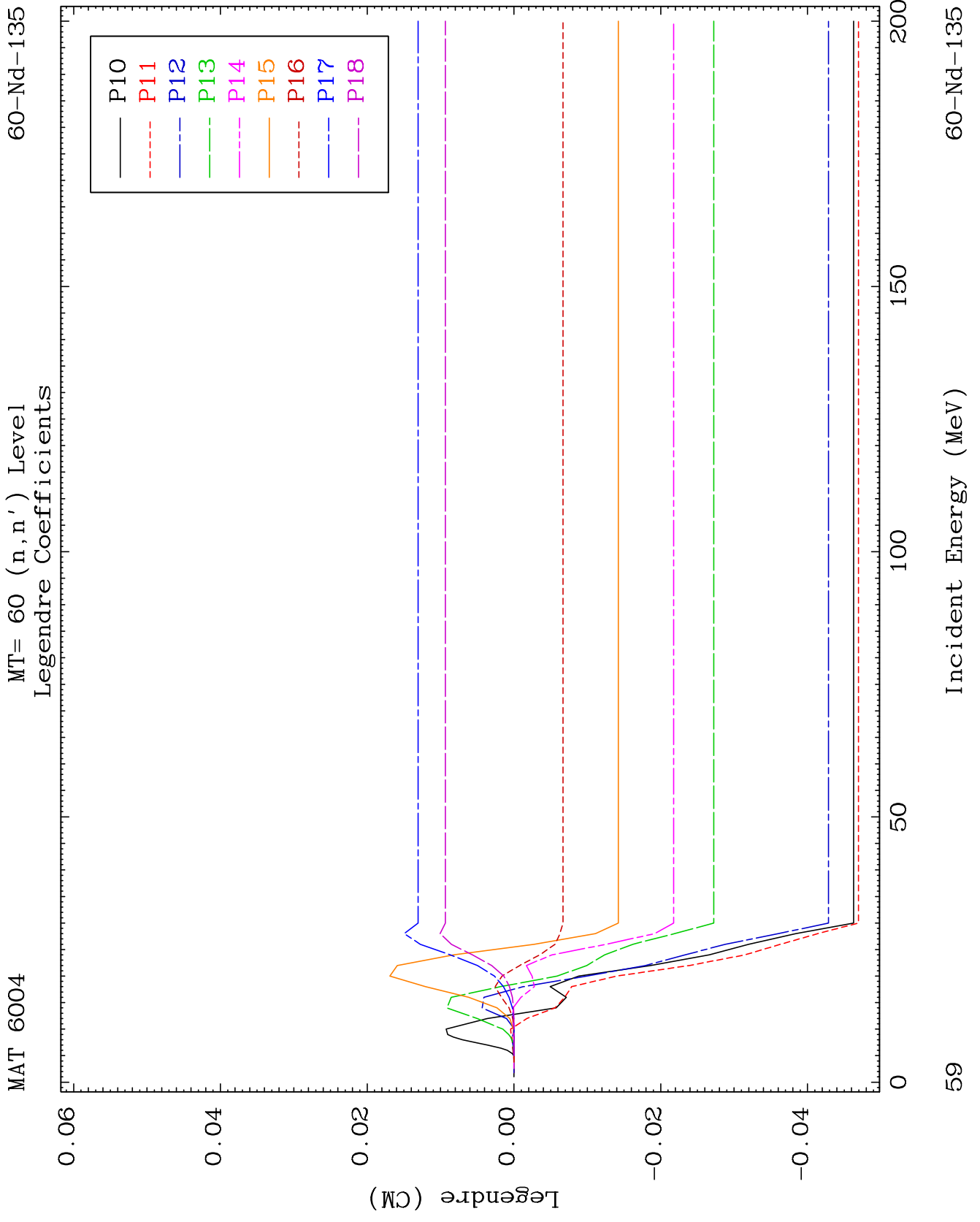


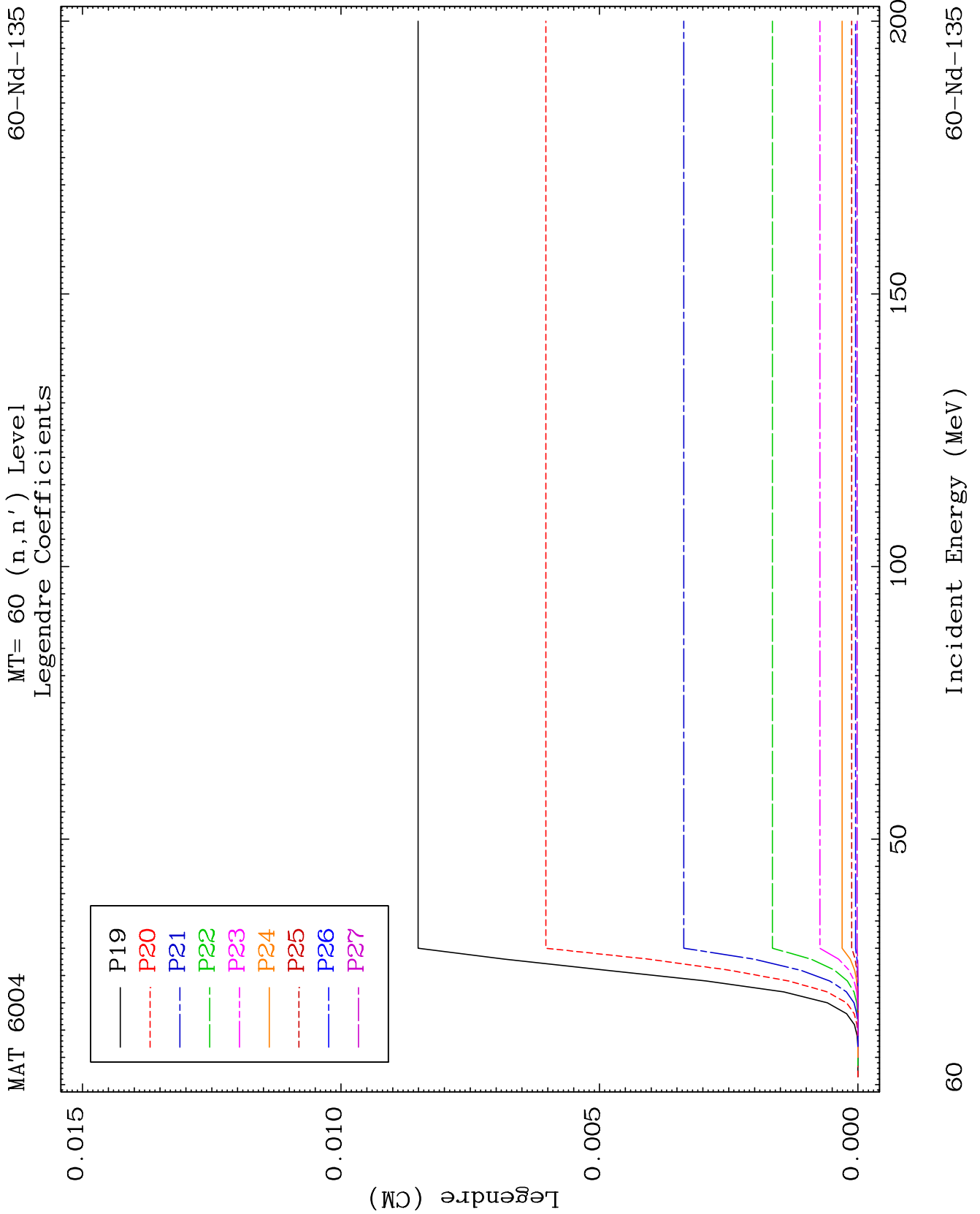
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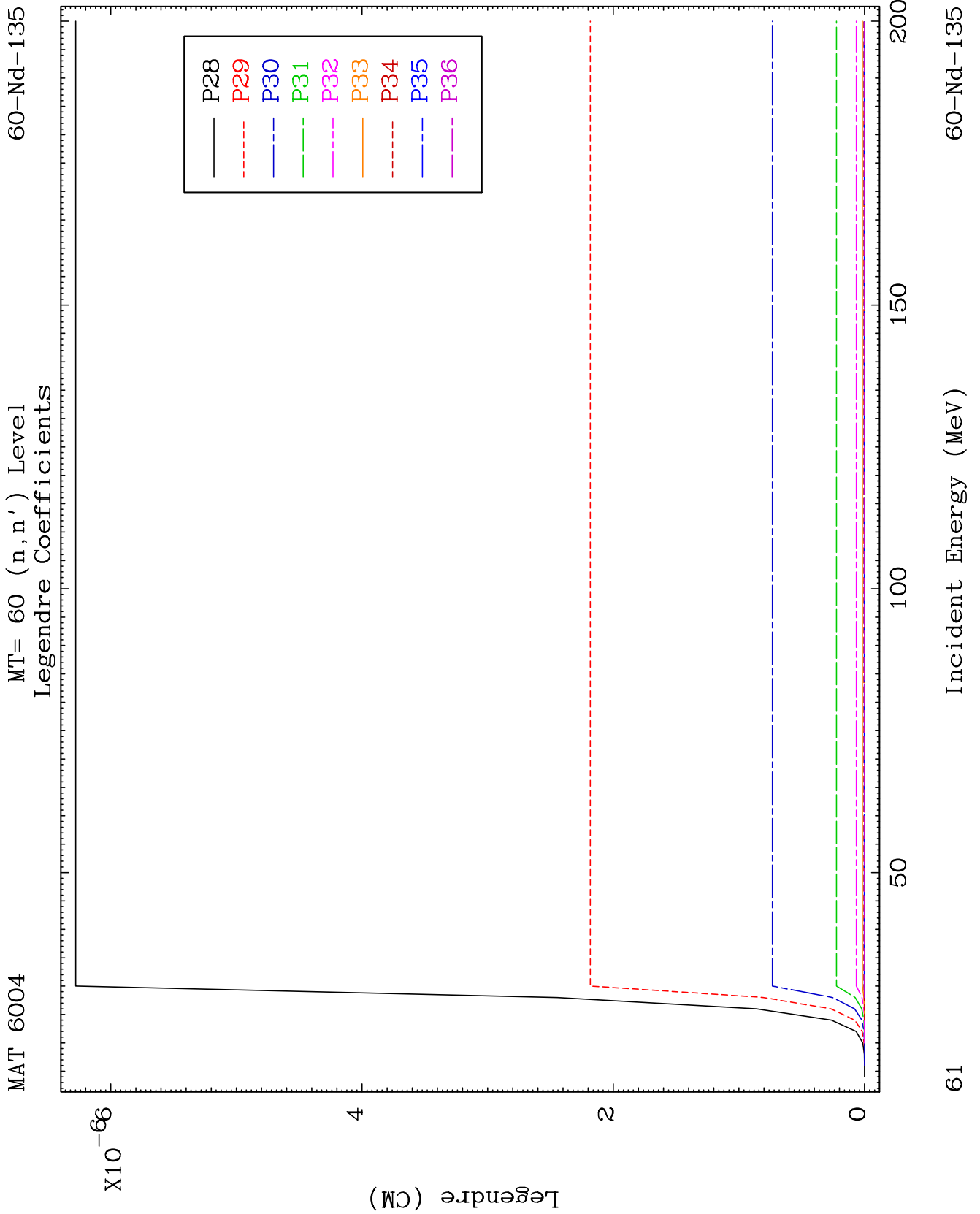
Incident Energy (MeV)

60-Nd-135





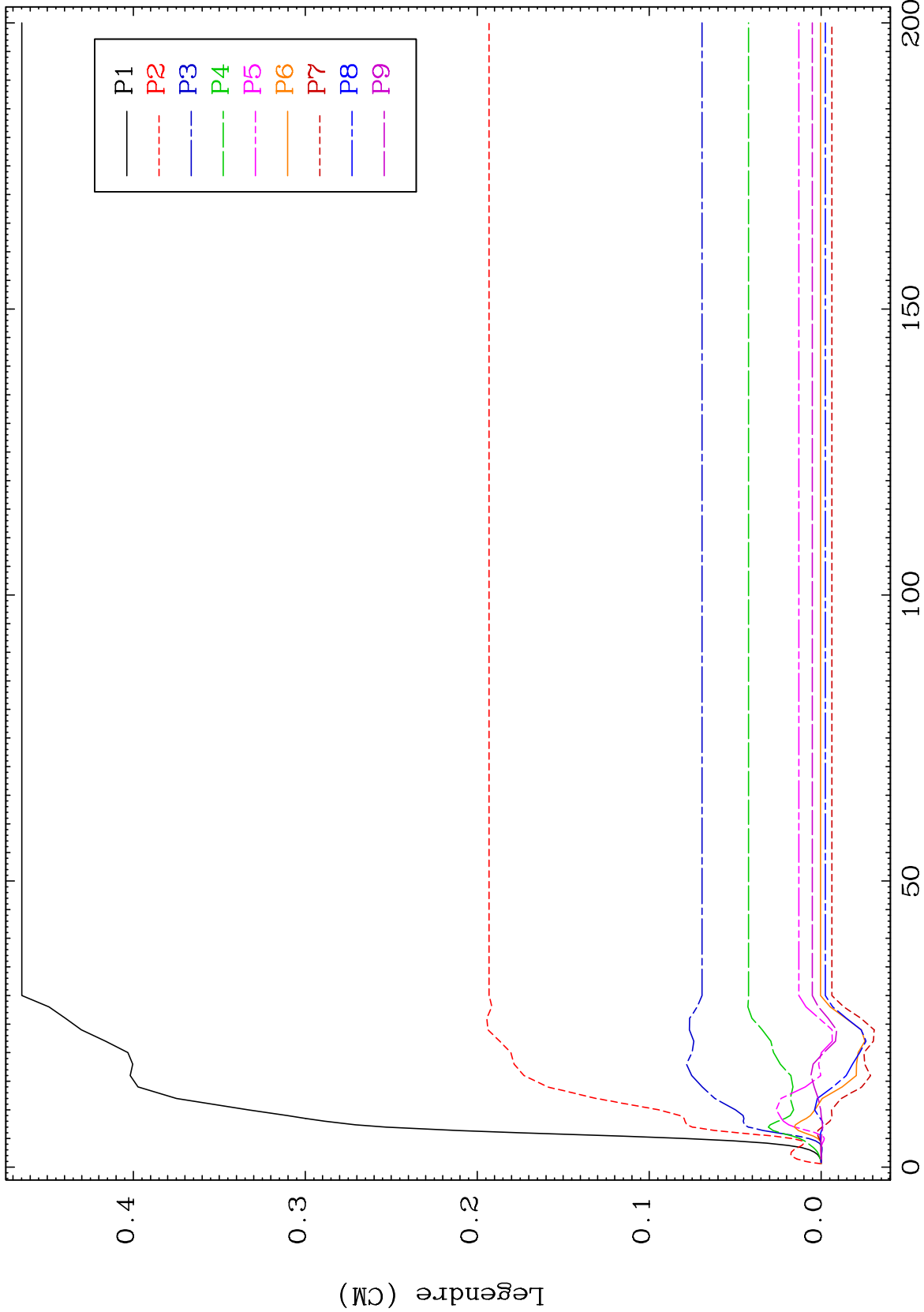




MAT 6004

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

60-Nd-135



62

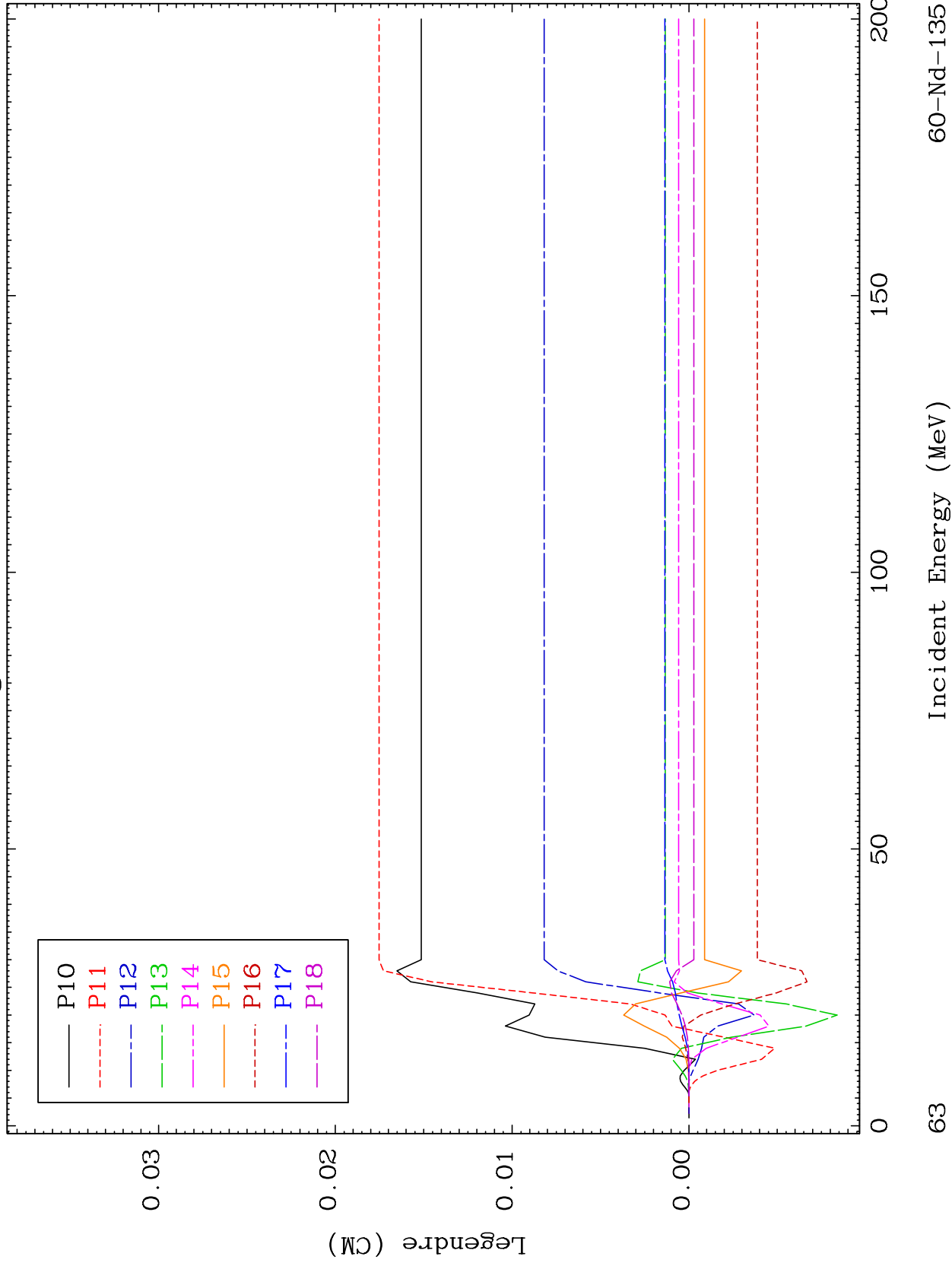
Incident Energy (MeV)

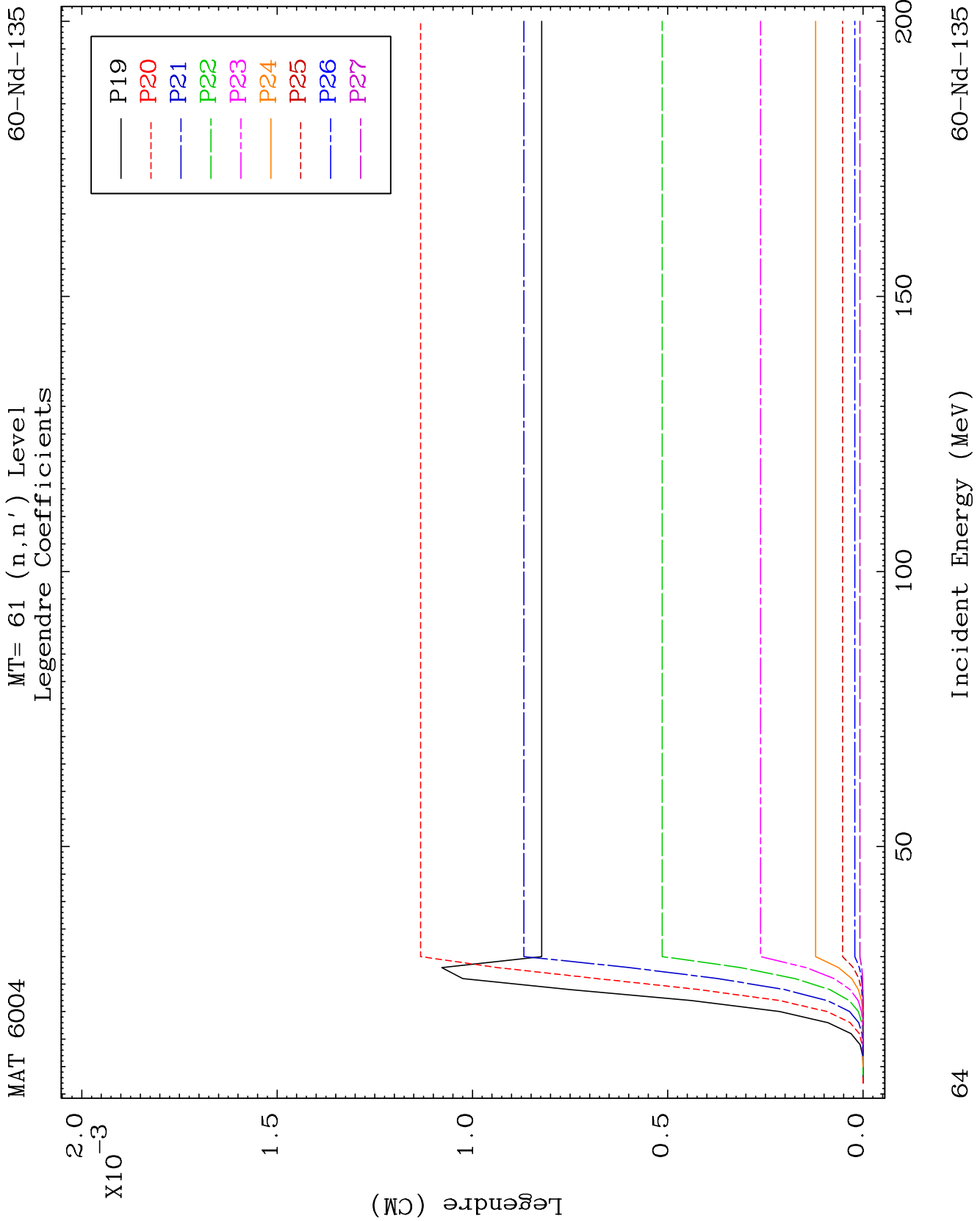
60-Nd-135

MAT 6004

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

60-Nd-135

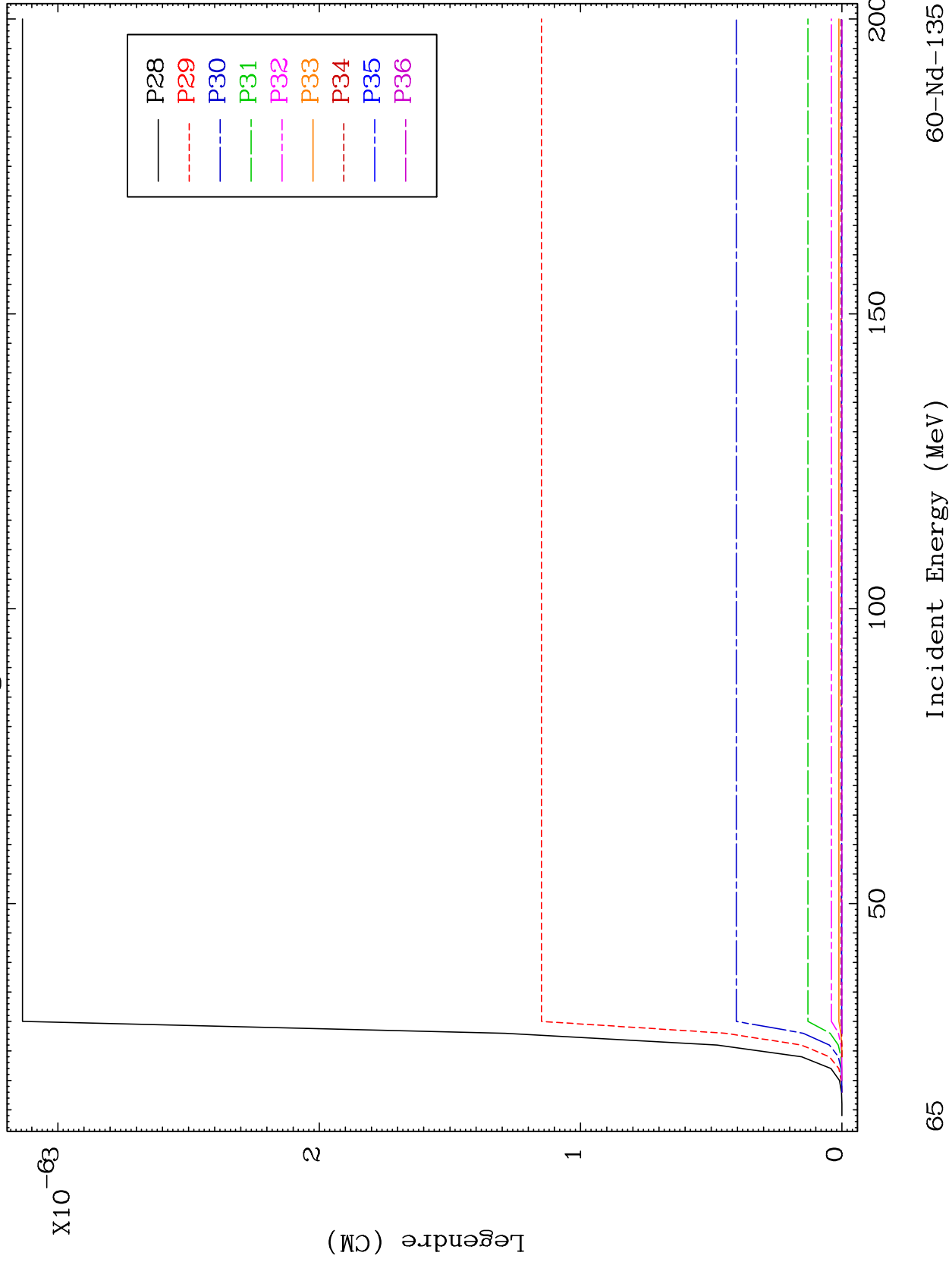


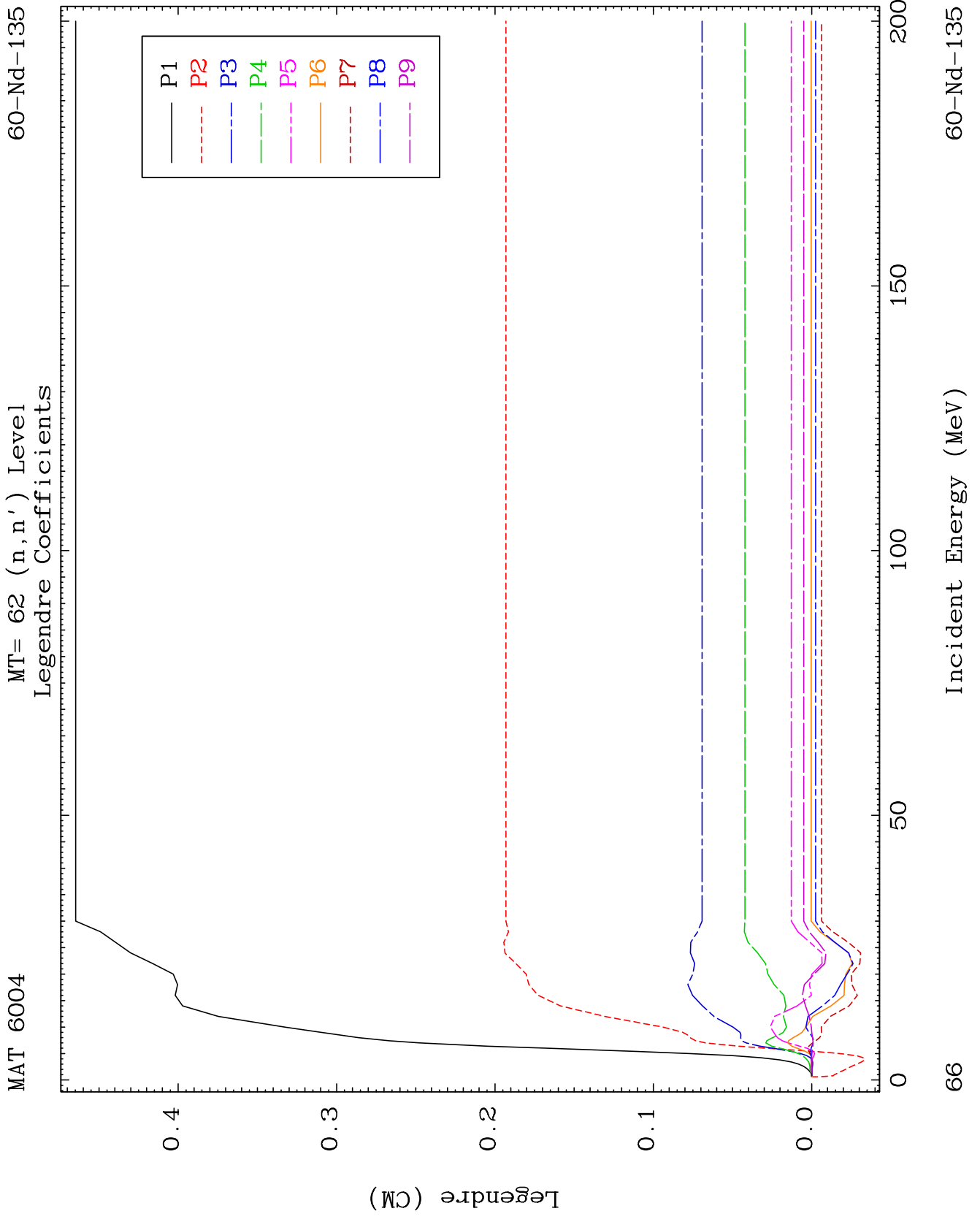


MAT 6004

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

60-Nd-135

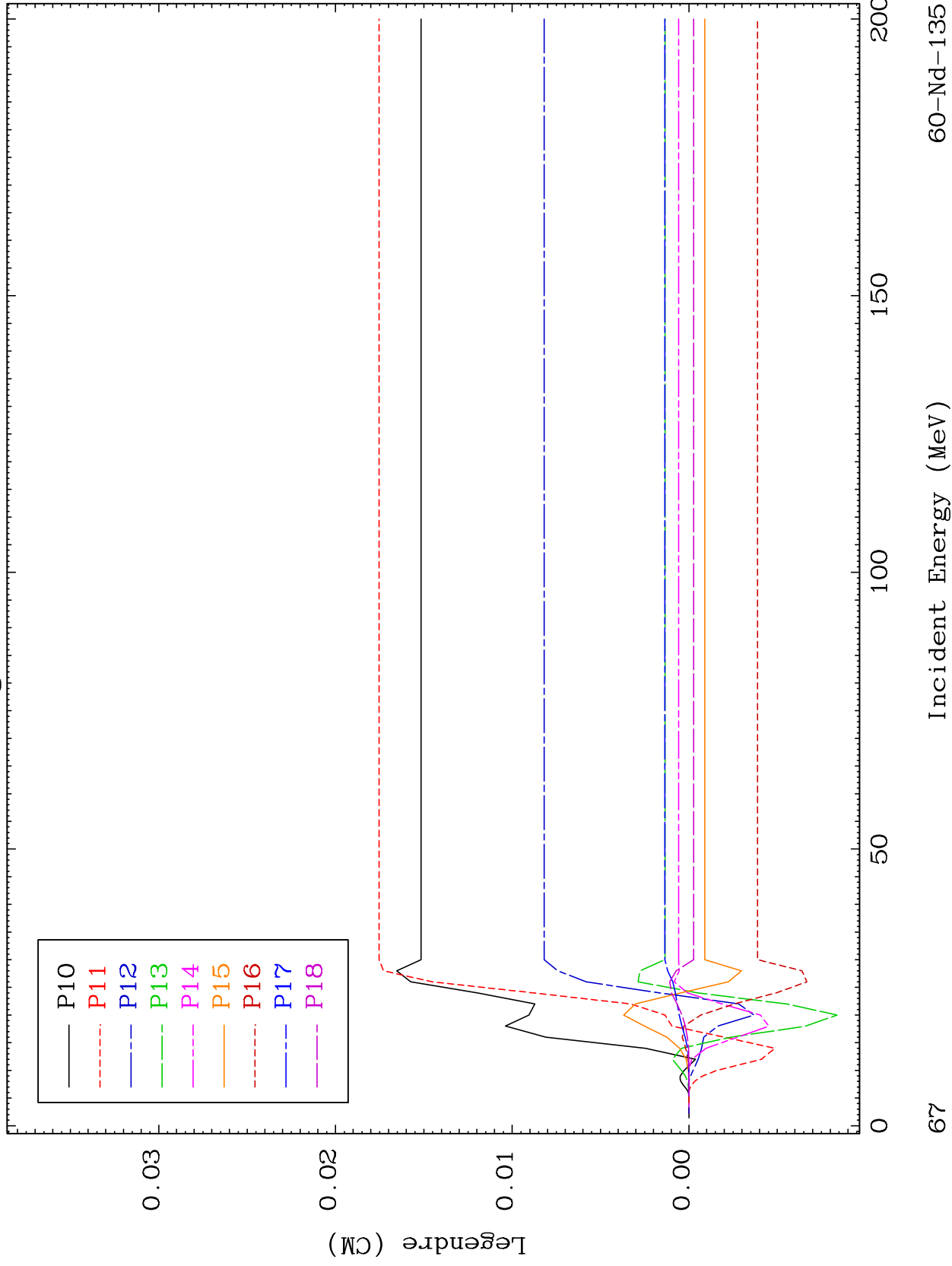




MAT 6004

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

60-Nd-135



60-Nd-135

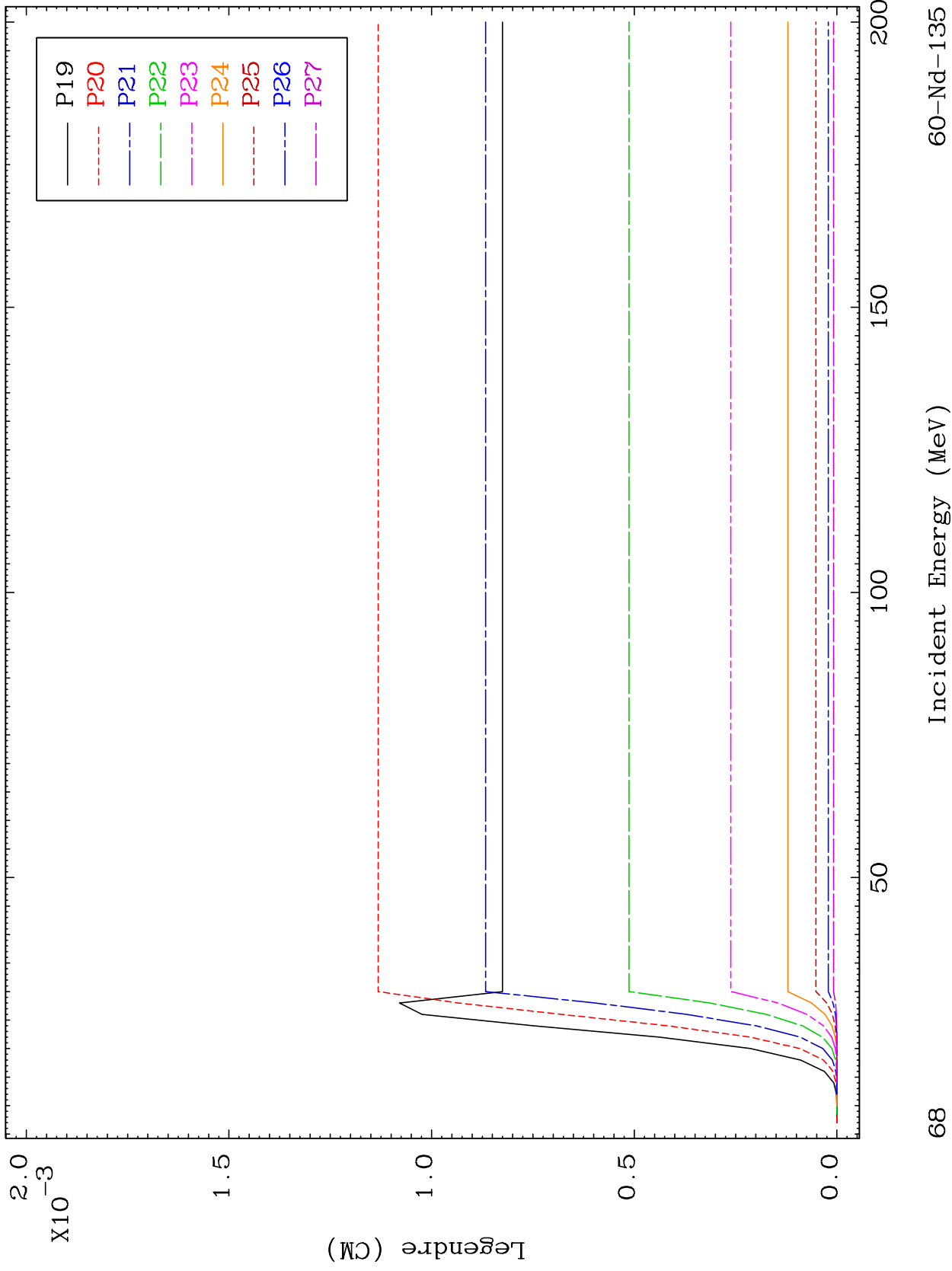
Incident Energy (MeV)

67

MAT 6004

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

60-Nd-135



68

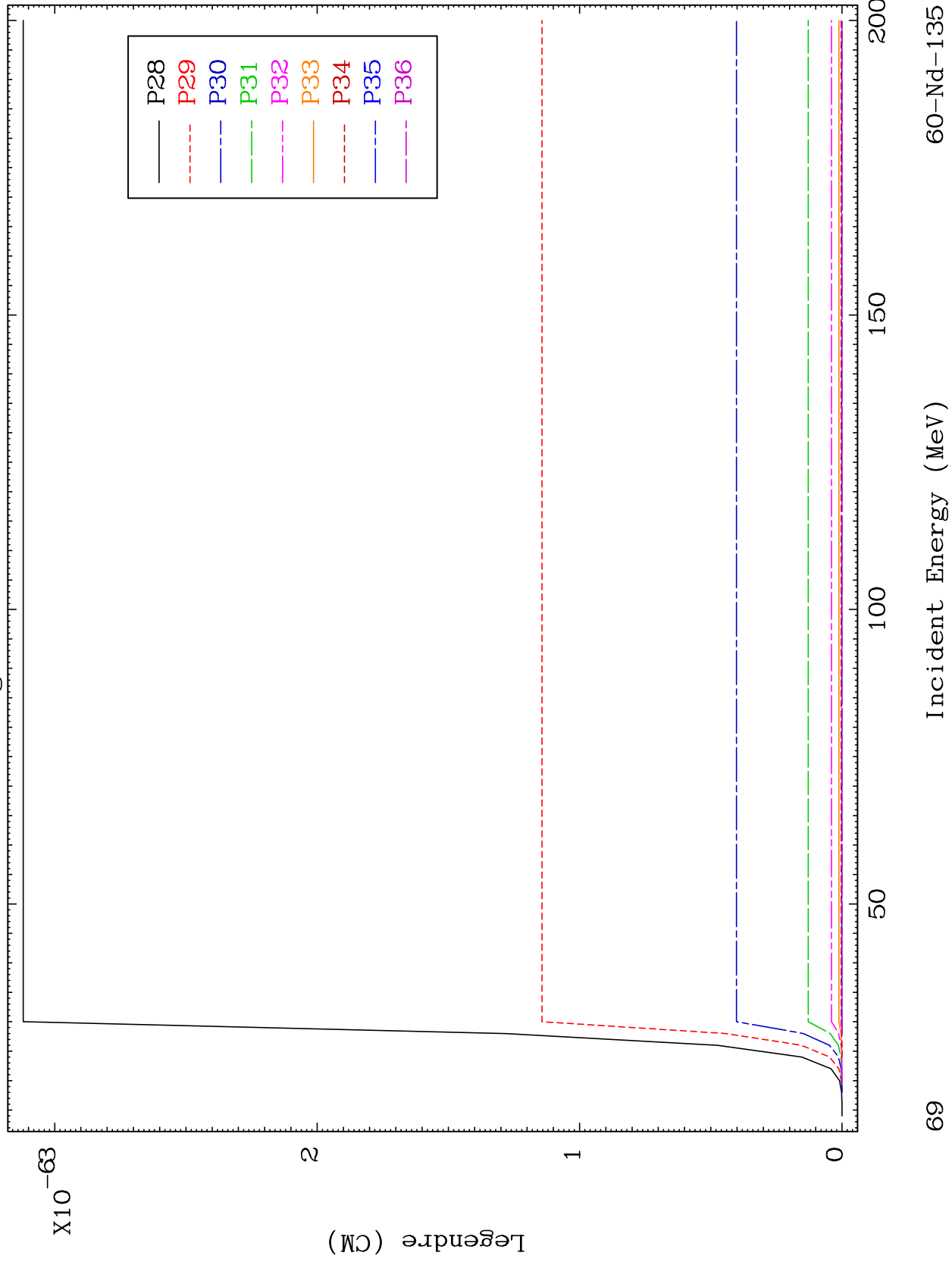
Incident Energy (MeV)

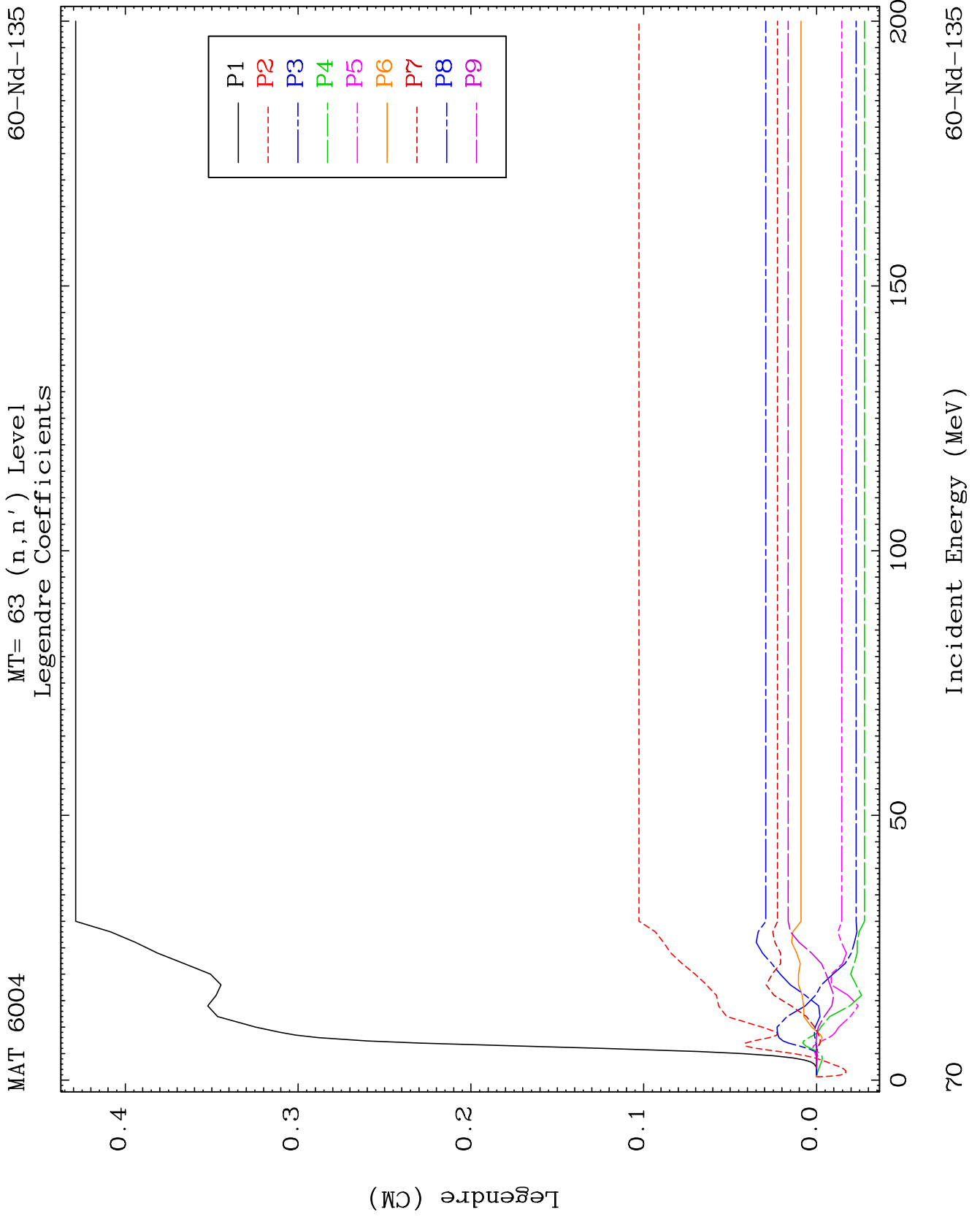
60-Nd-135

MAT 6004

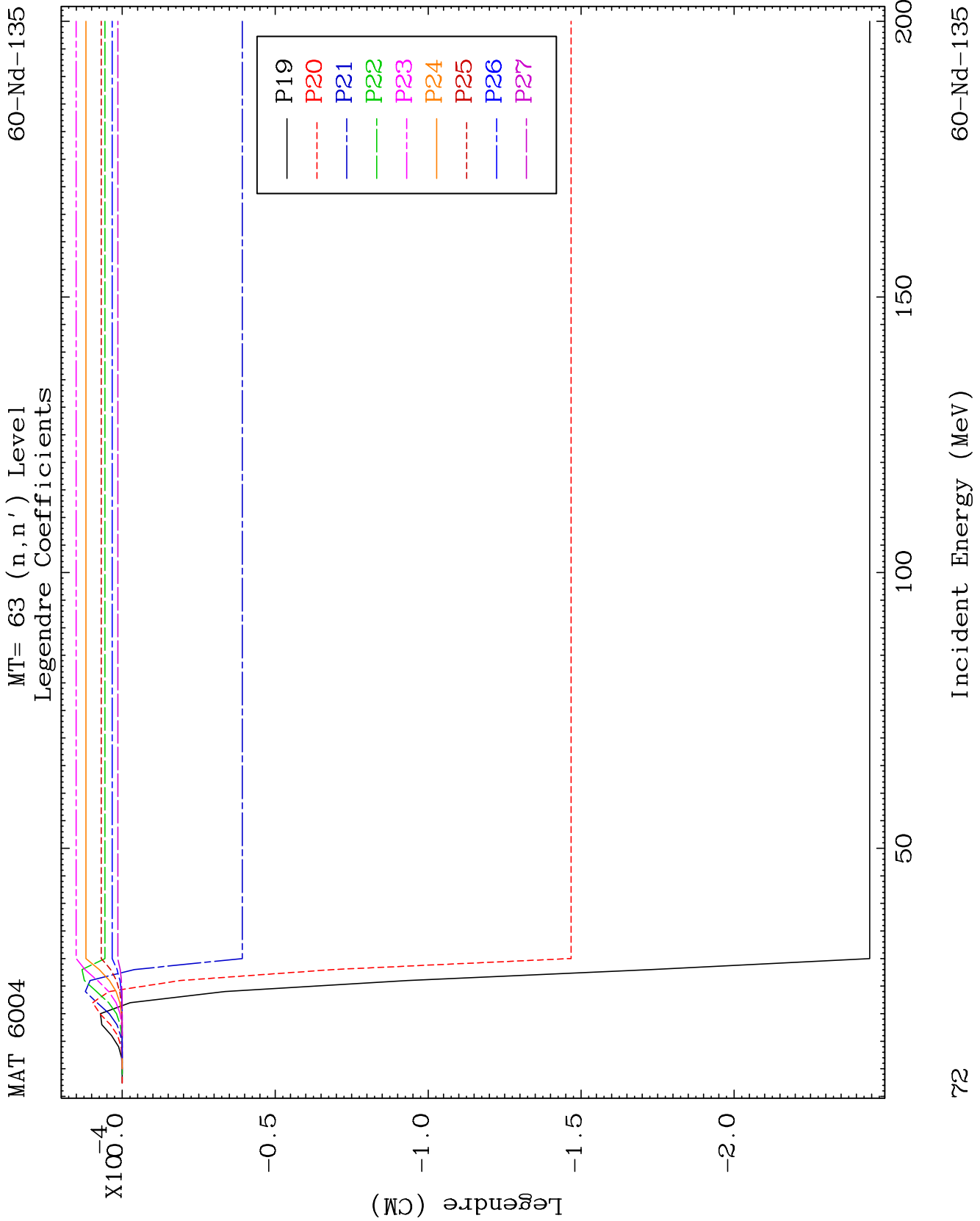
MT= 62 (n,n') Level  
Legendre Coefficients

60-Nd-135





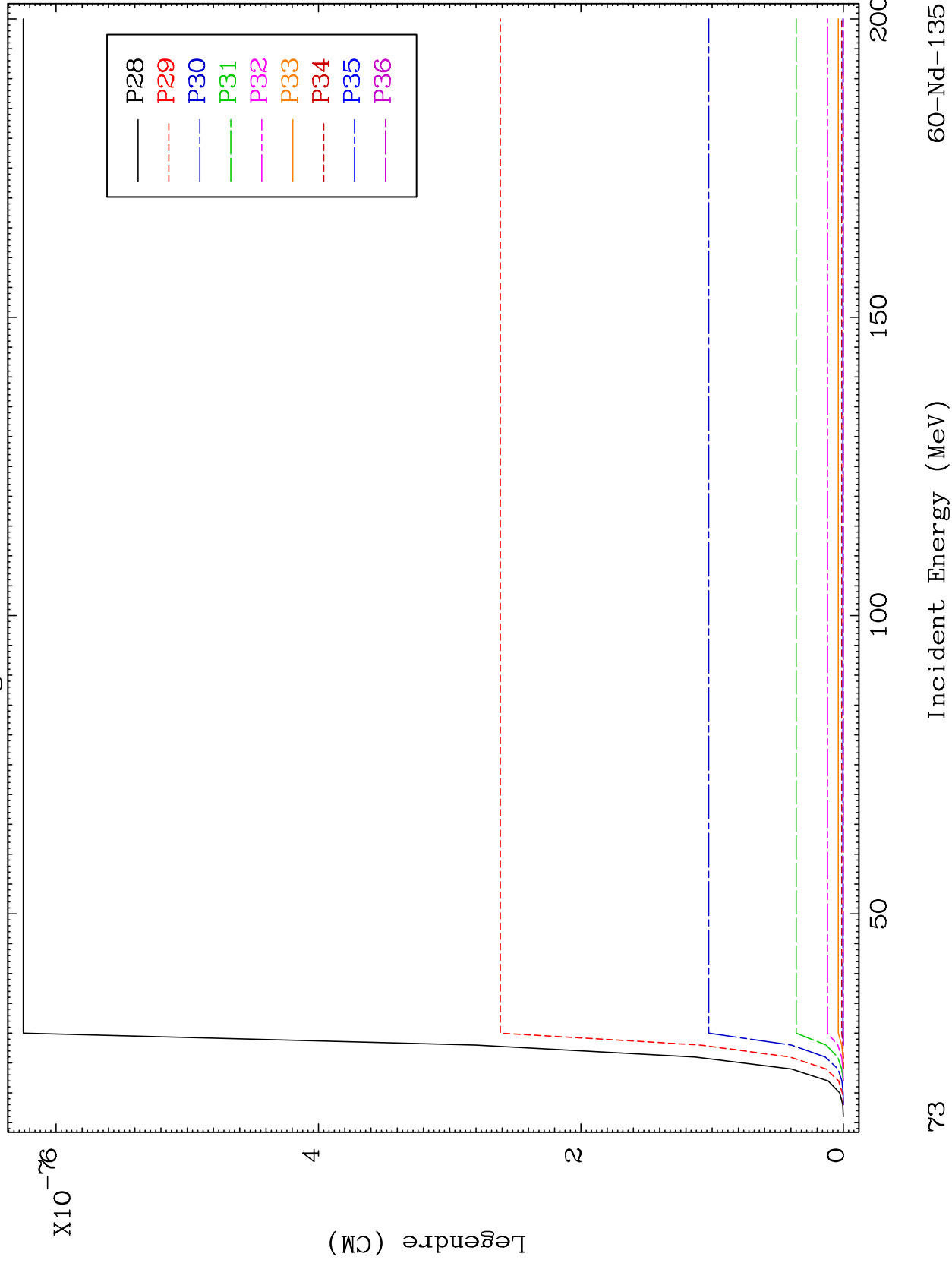


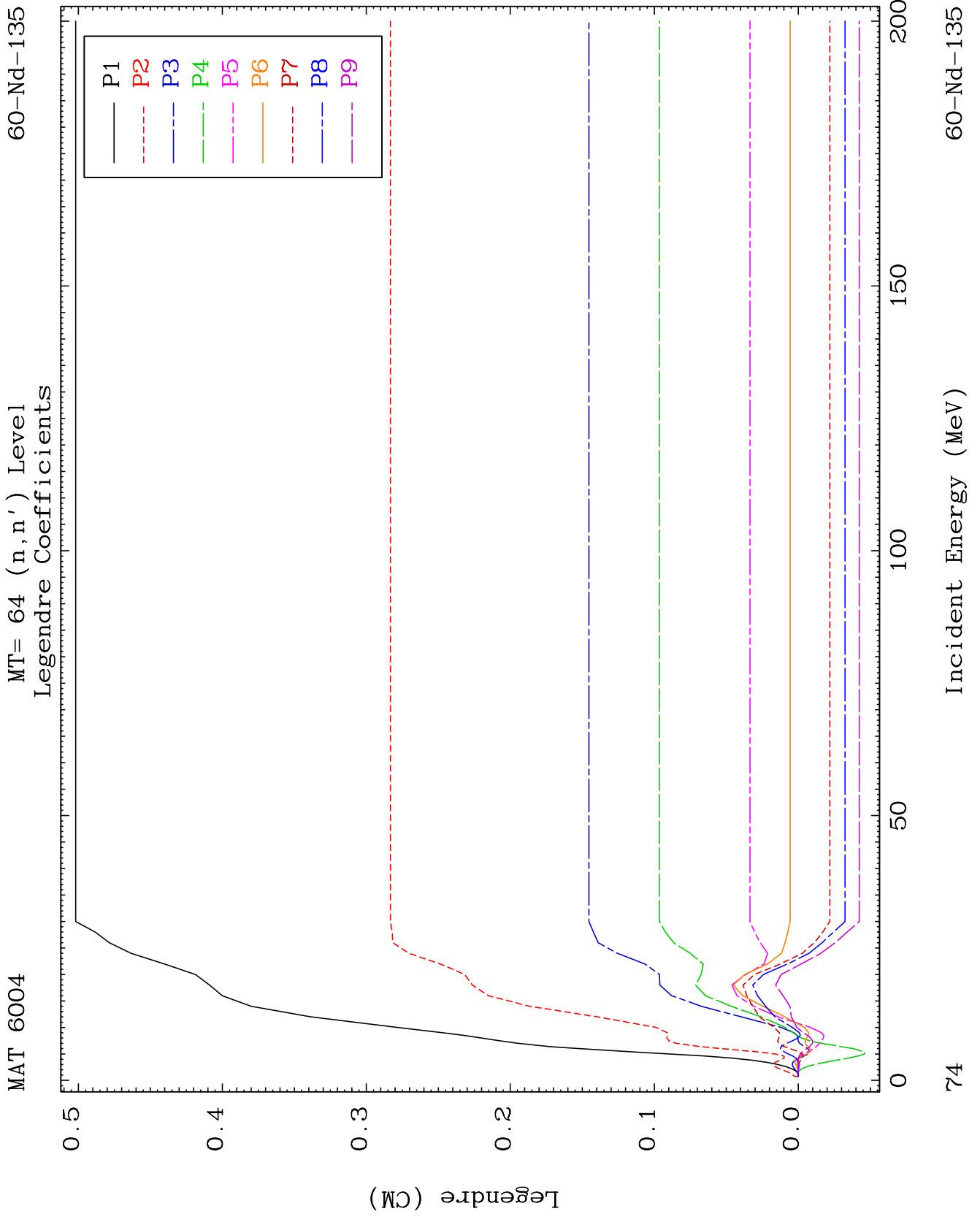


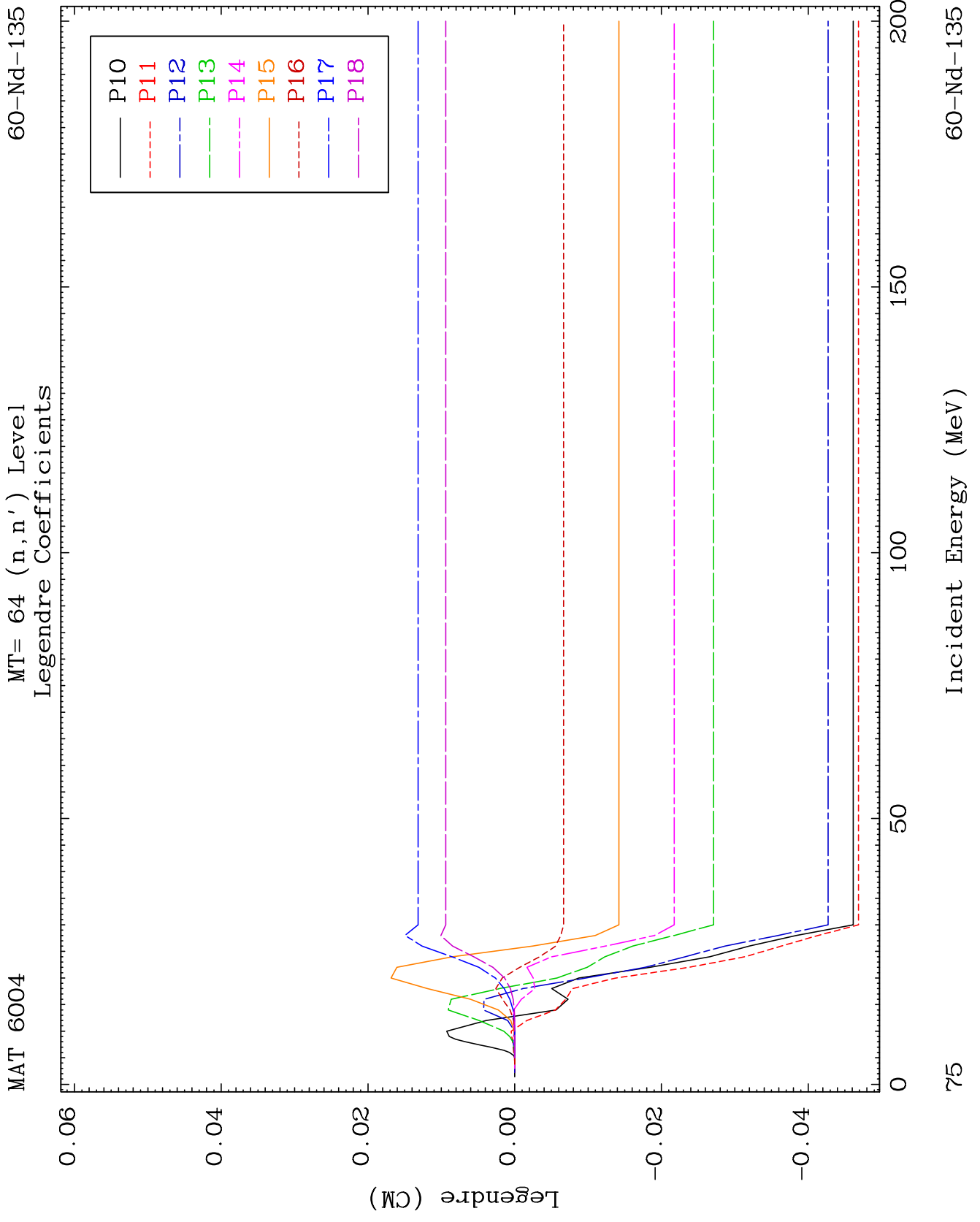
MAT 6004

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

60-Nd-135





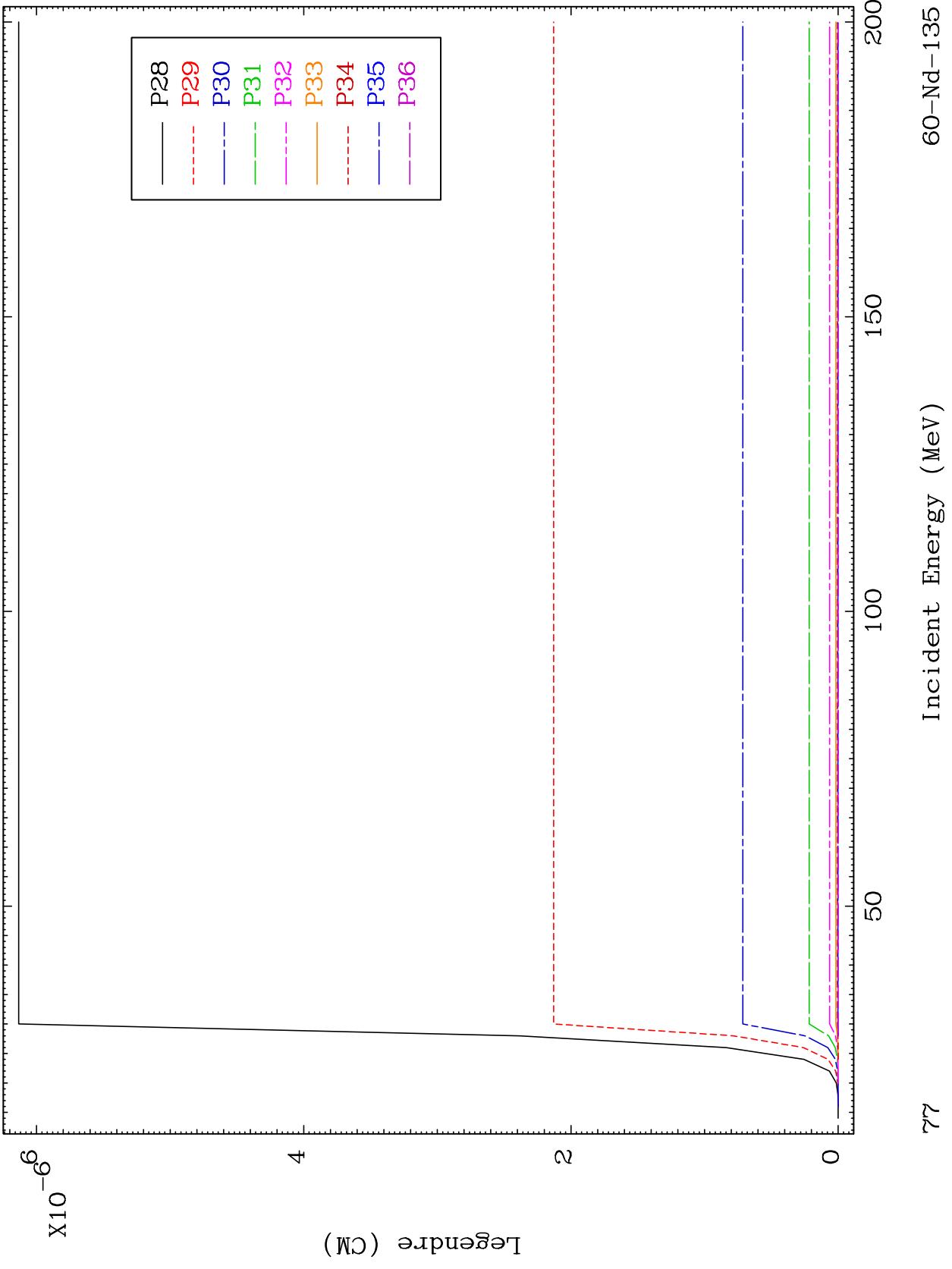




MAT 6004

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

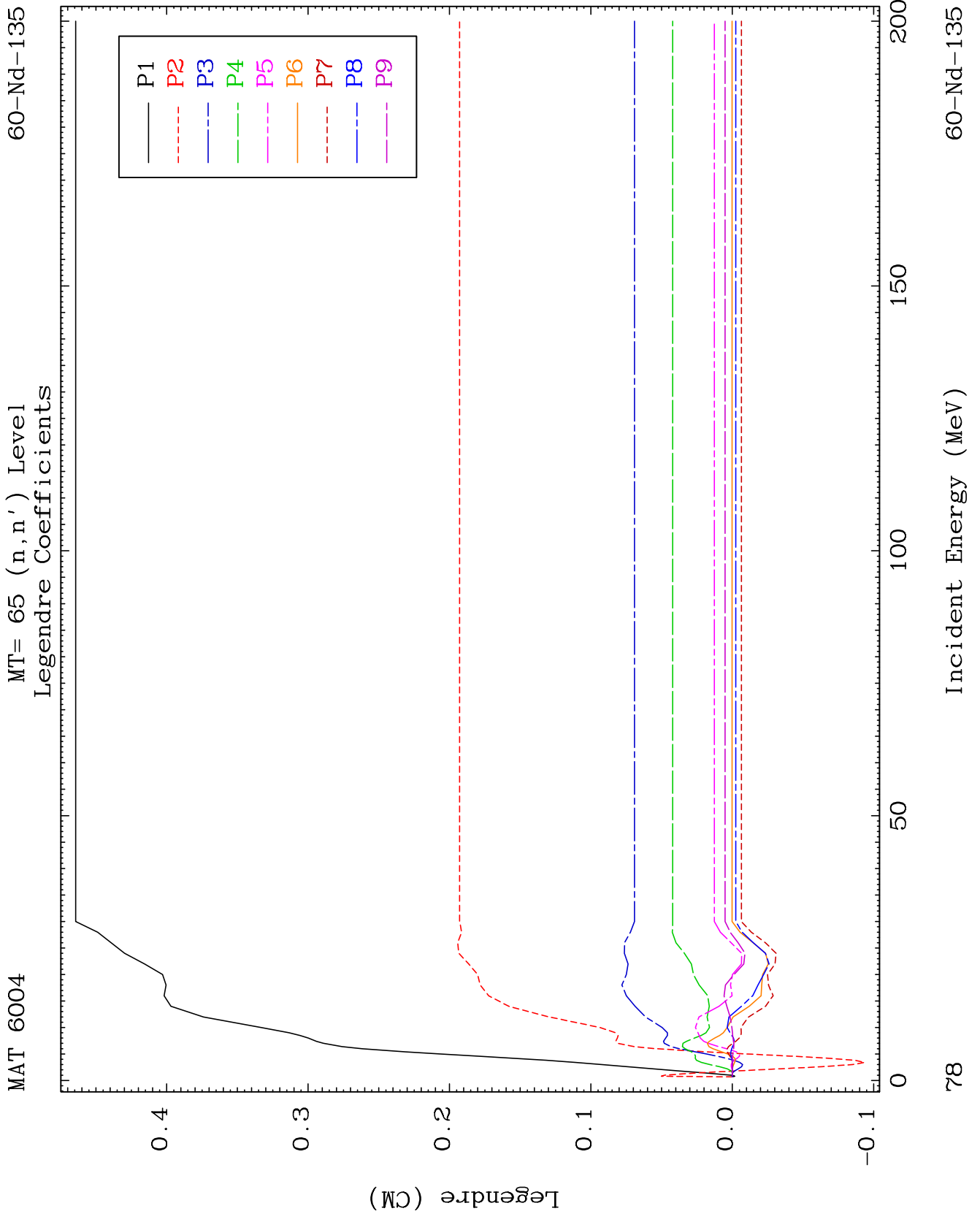
60-Nd-135



60-Nd-135

Incident Energy (MeV)

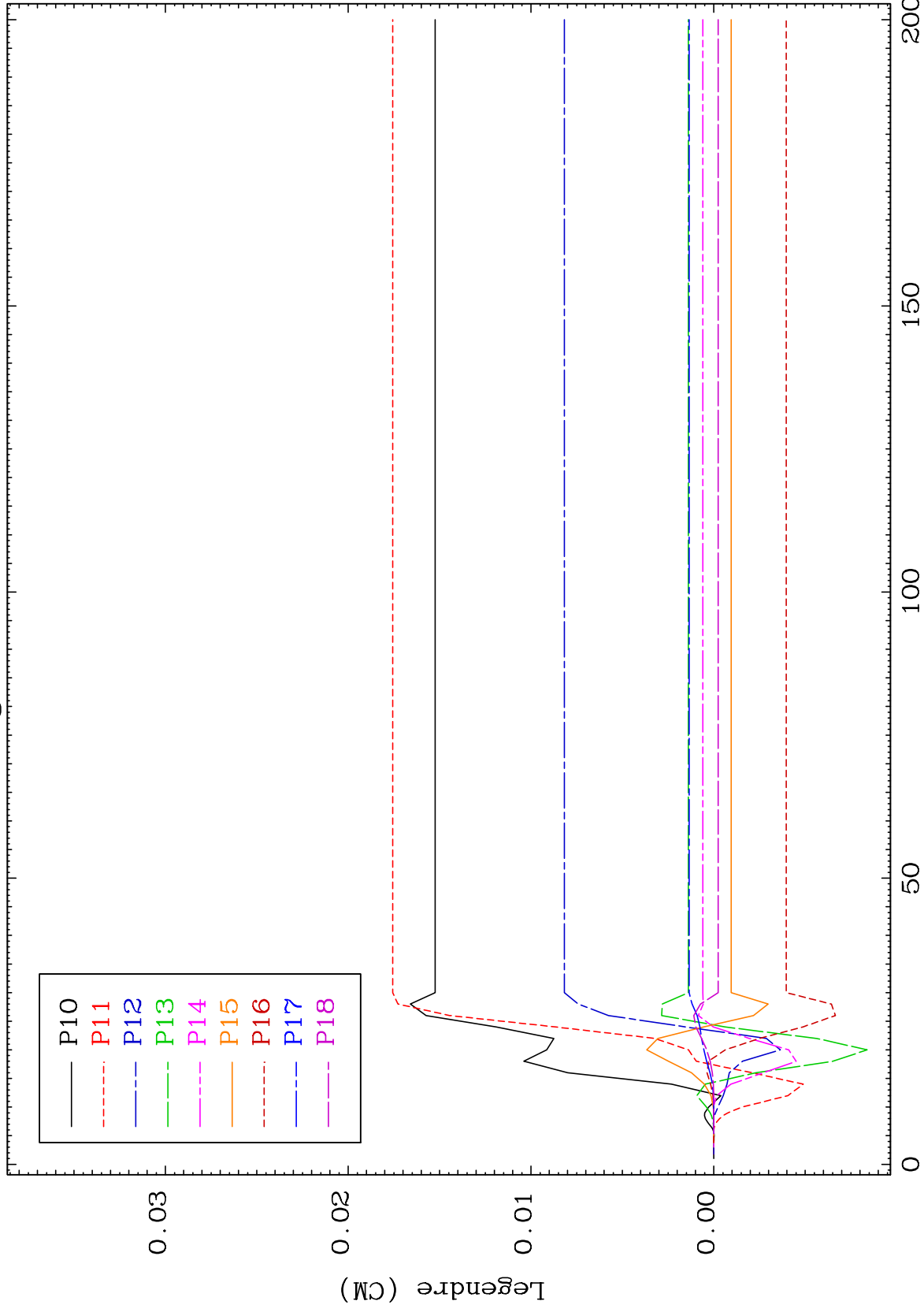
77



MAT 6004

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

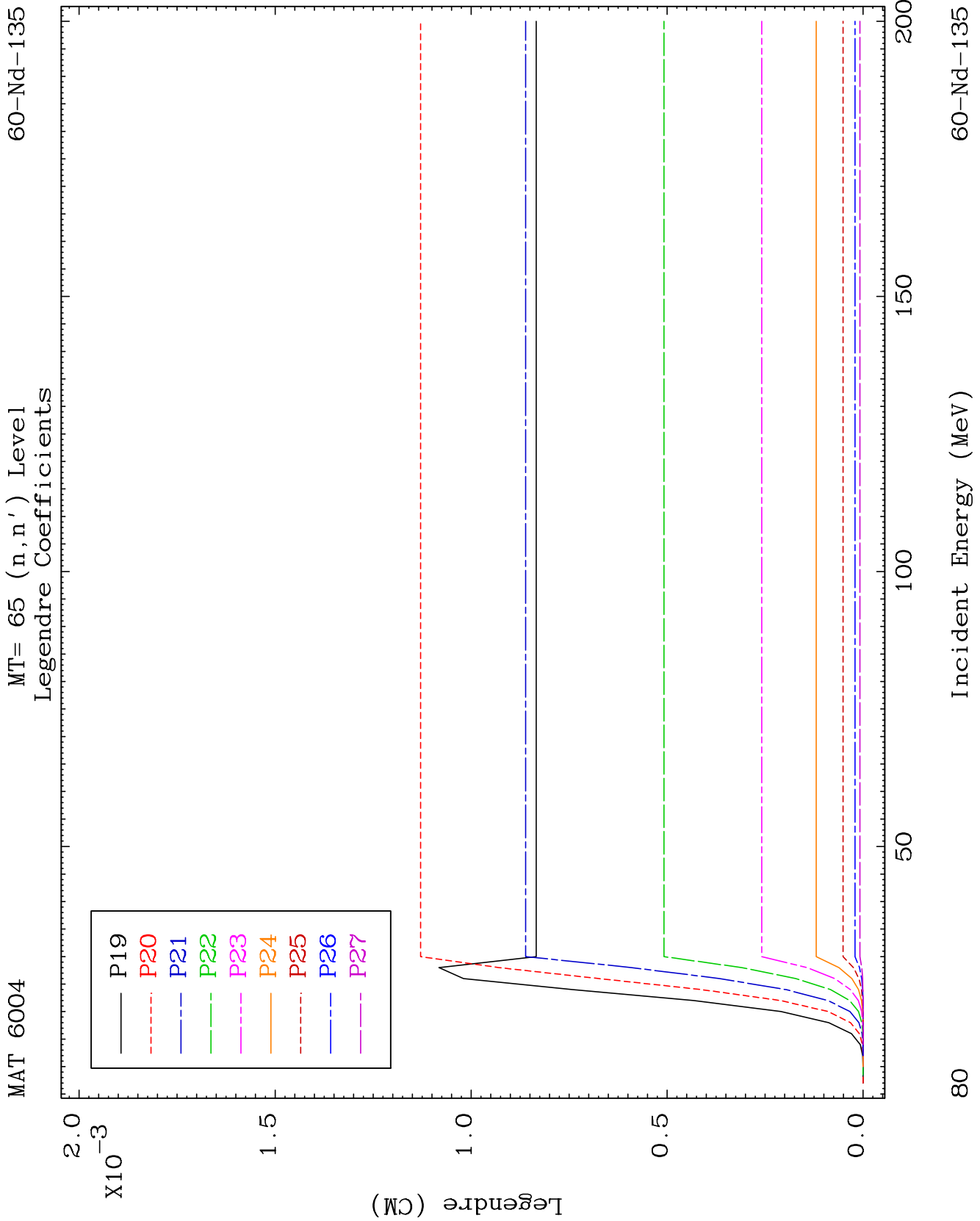
60-Nd-135



79

Incident Energy (MeV)

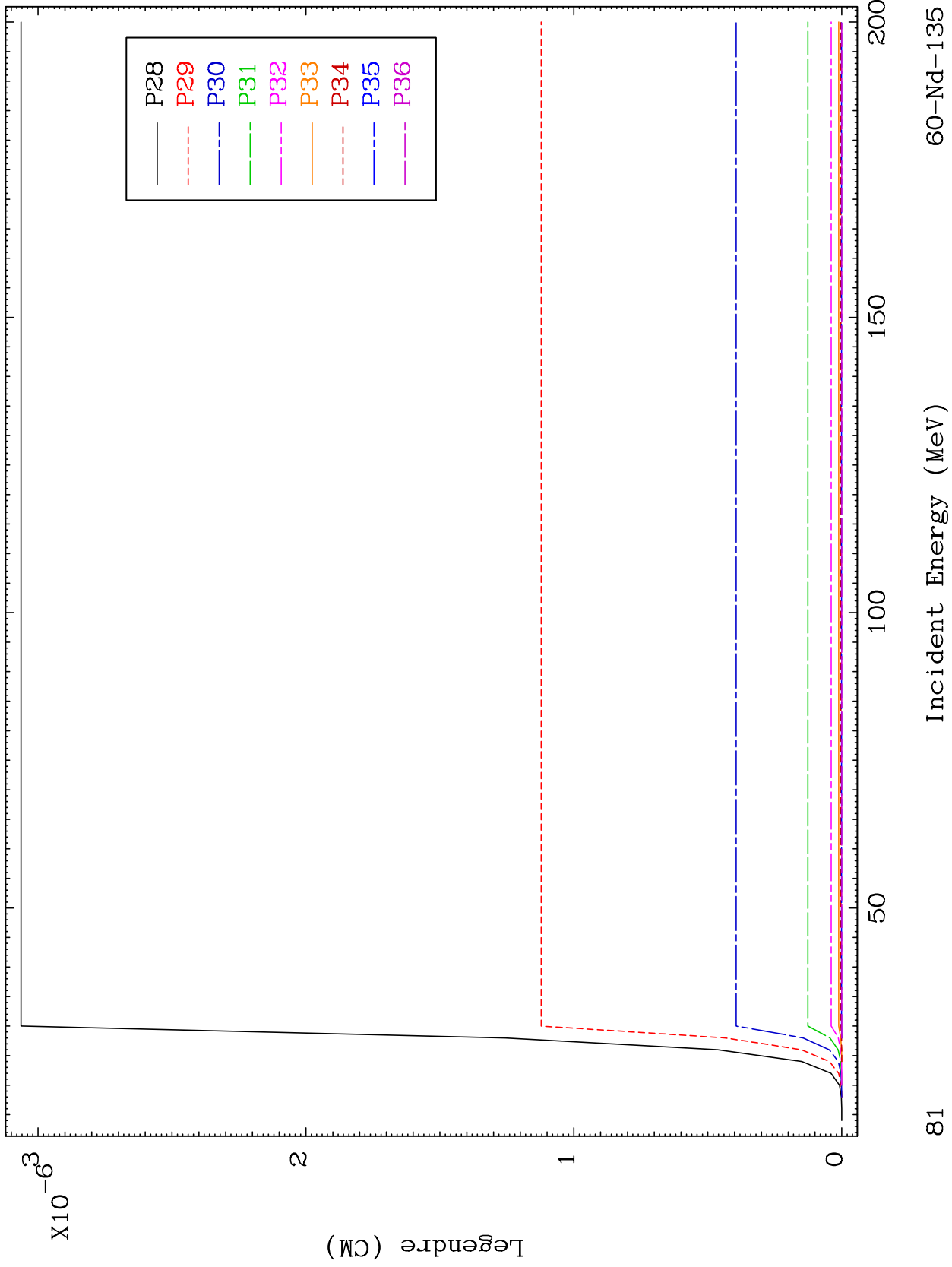
60-Nd-135



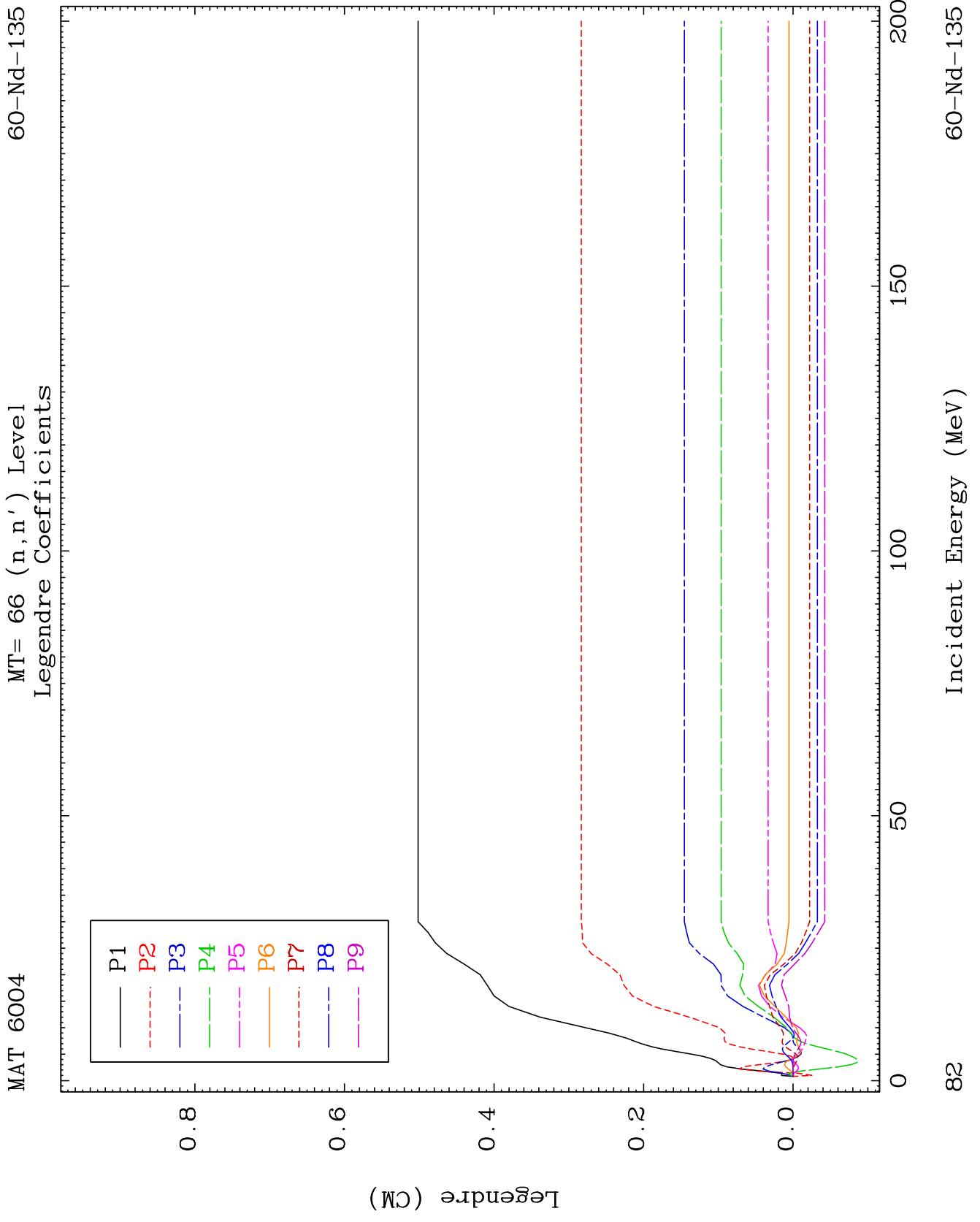
MAT 6004

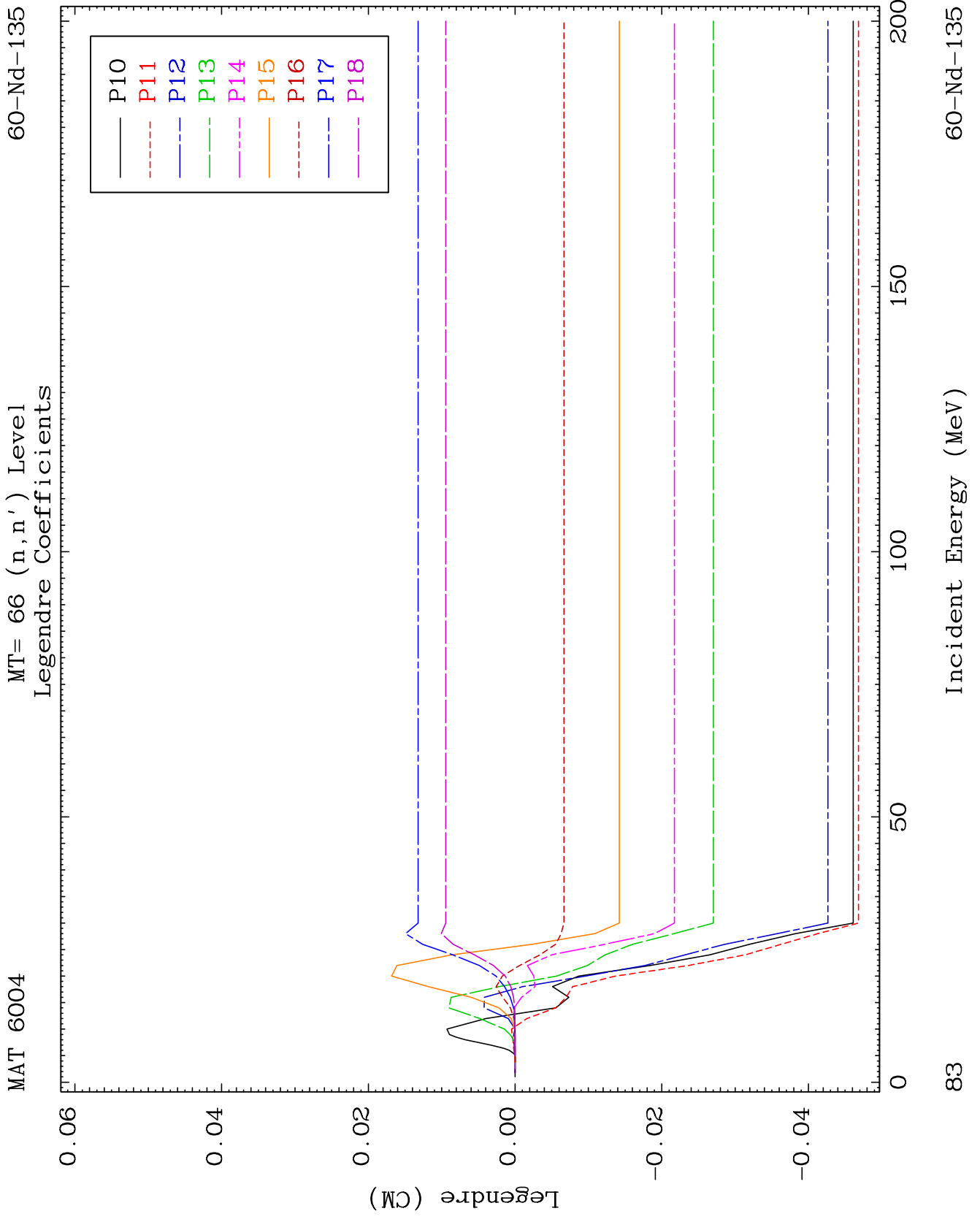
MT= 65 (n,n') Level  
Legendre Coefficients

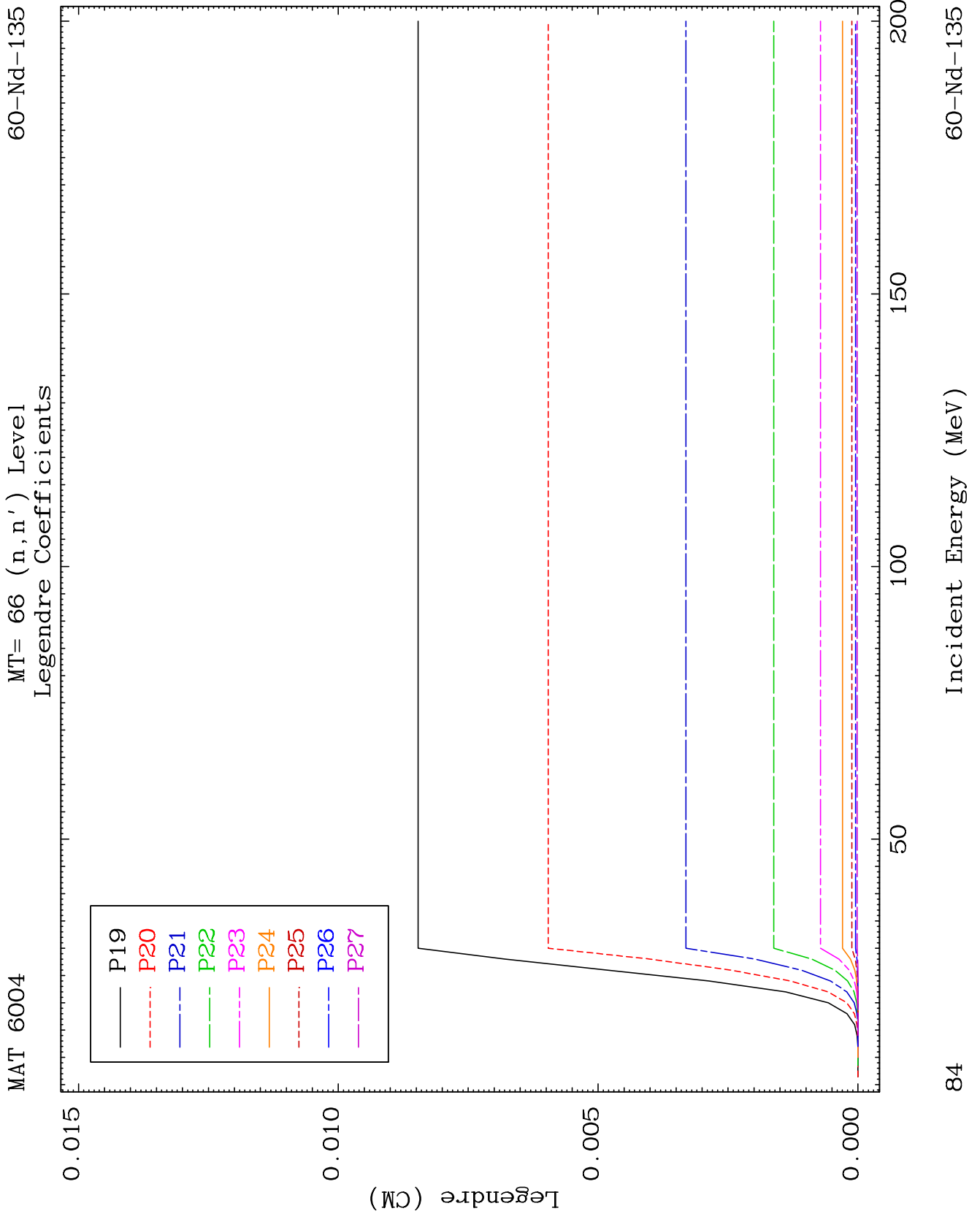
60-Nd-135

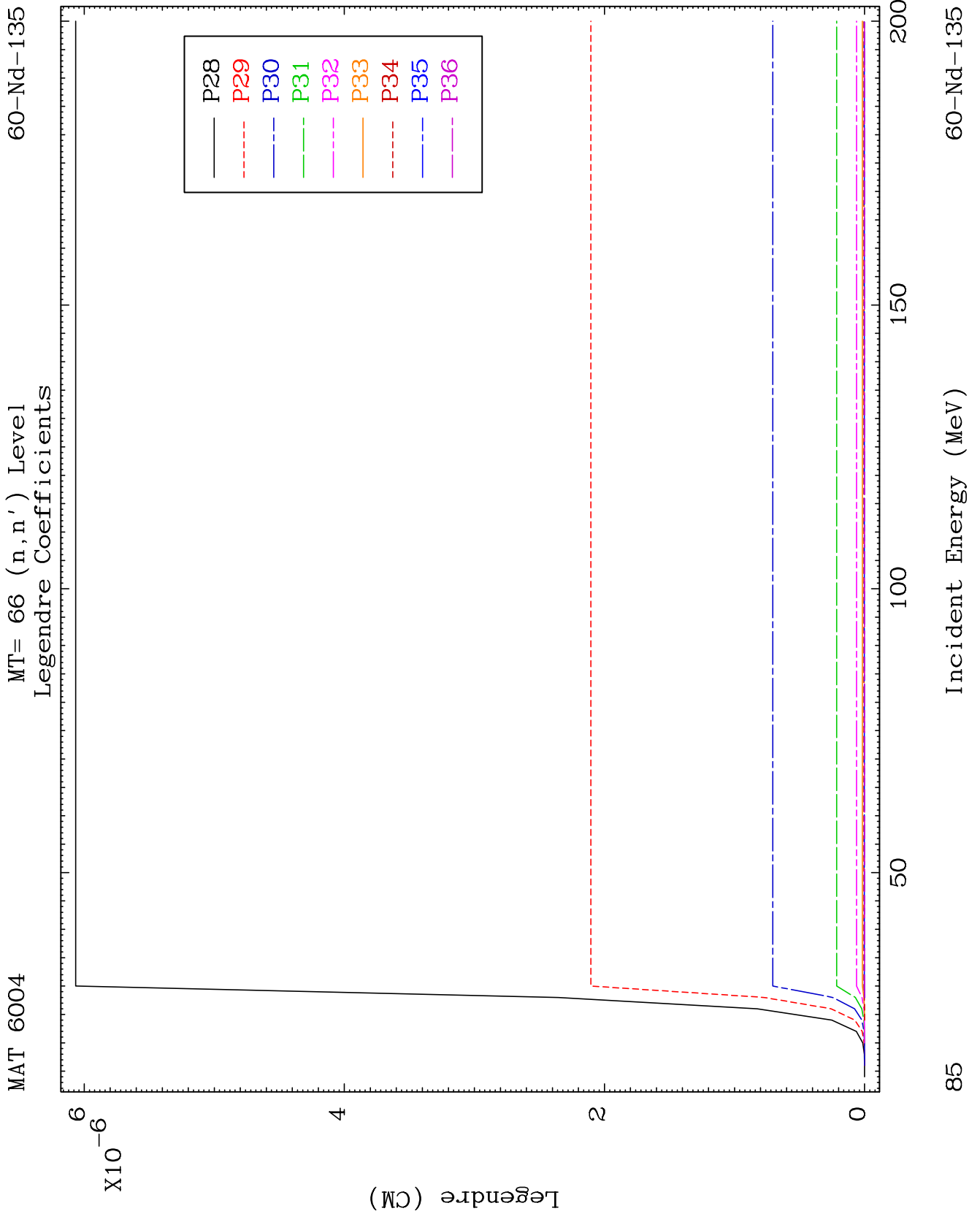


81







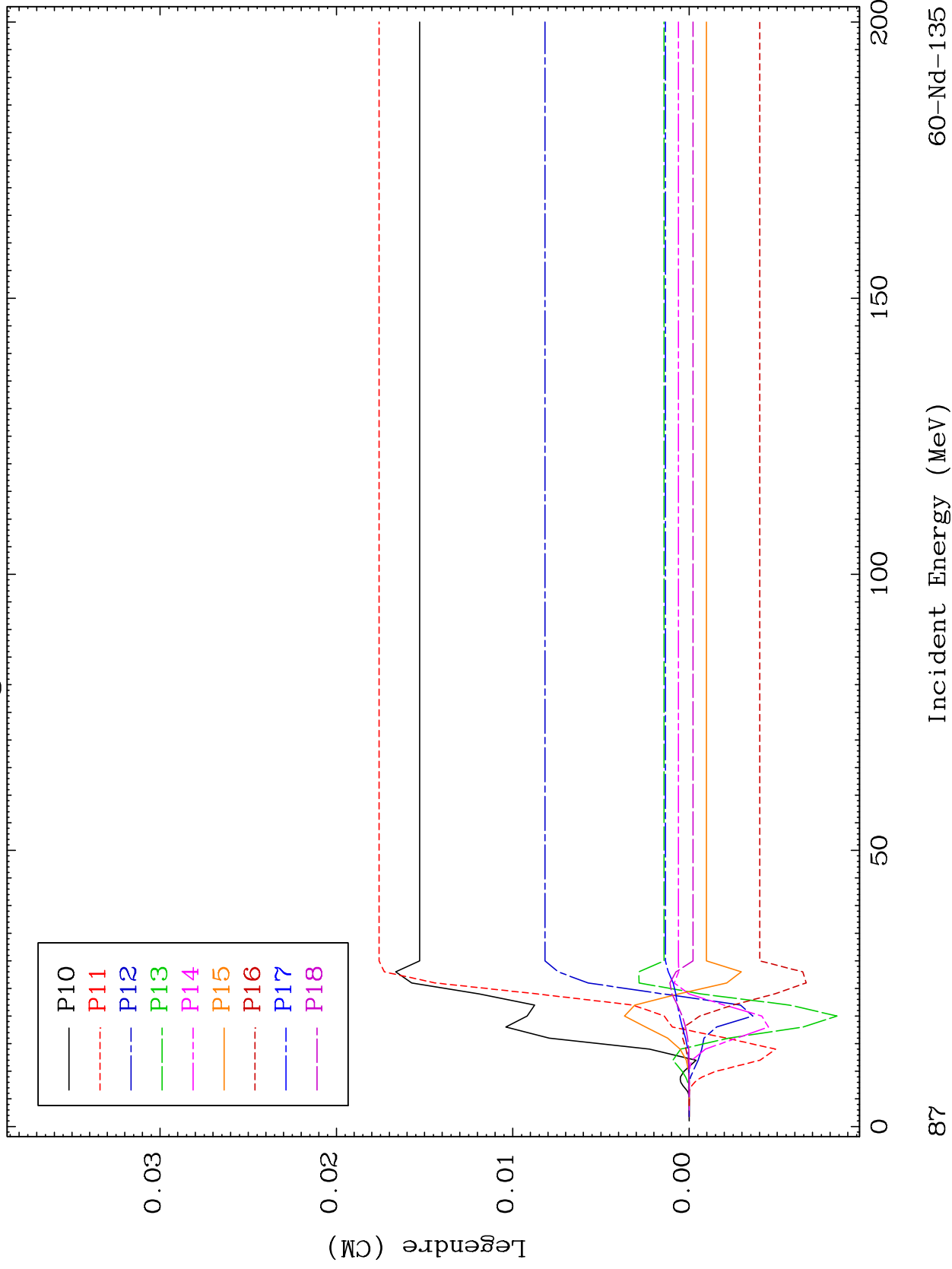




MAT 6004

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

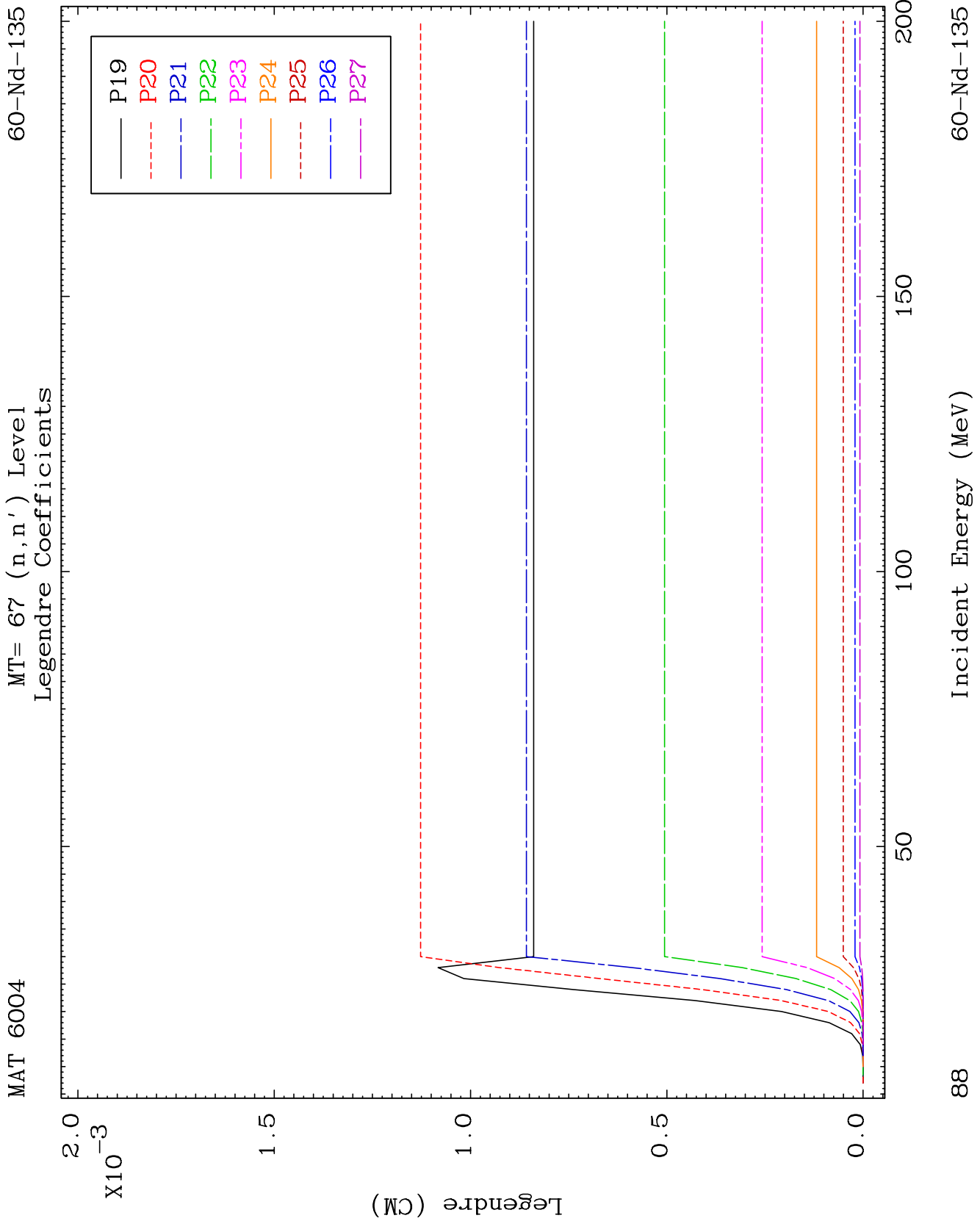
60-Nd-135



87

Incident Energy (MeV)

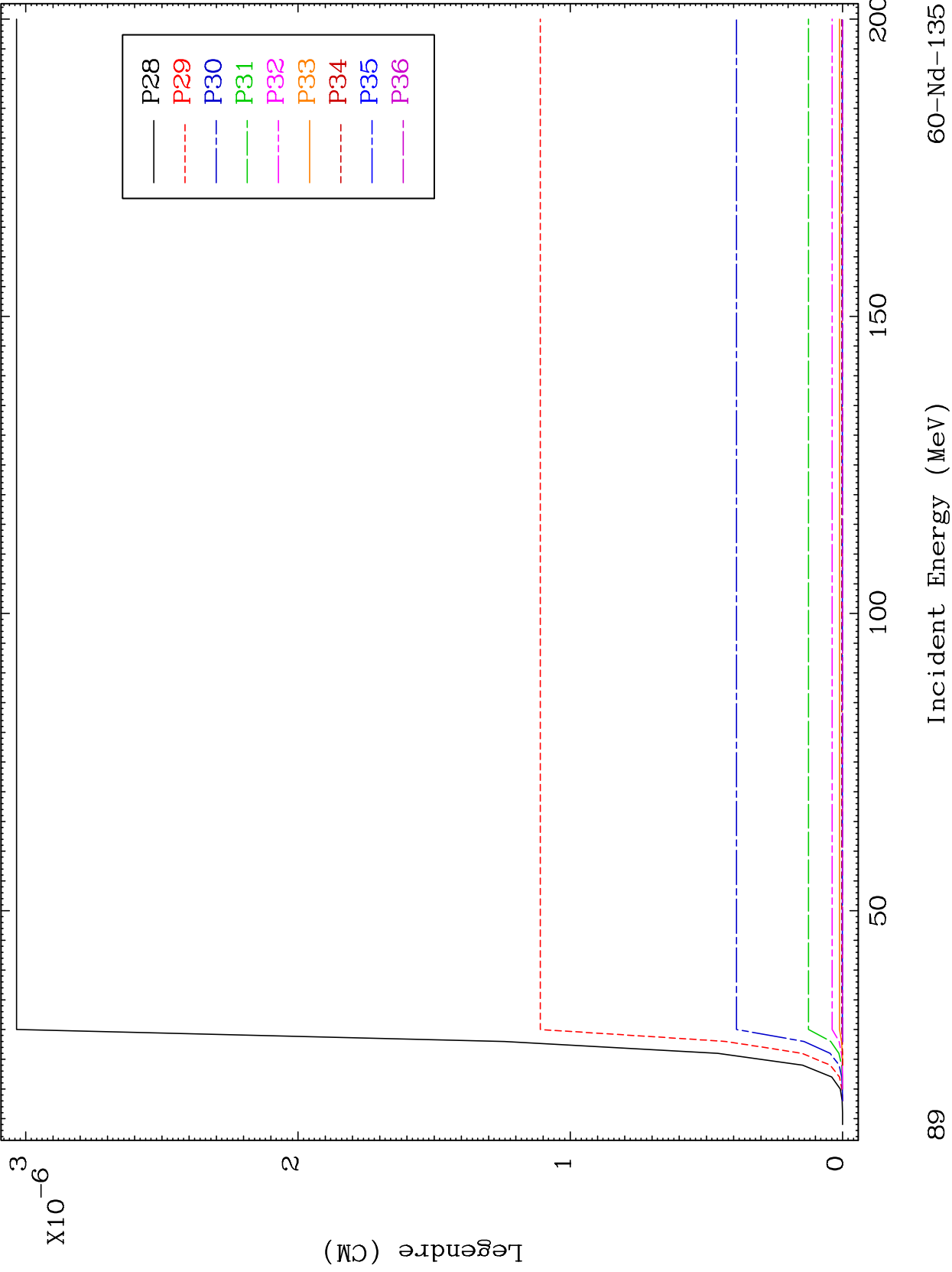
60-Nd-135



MAT 6004

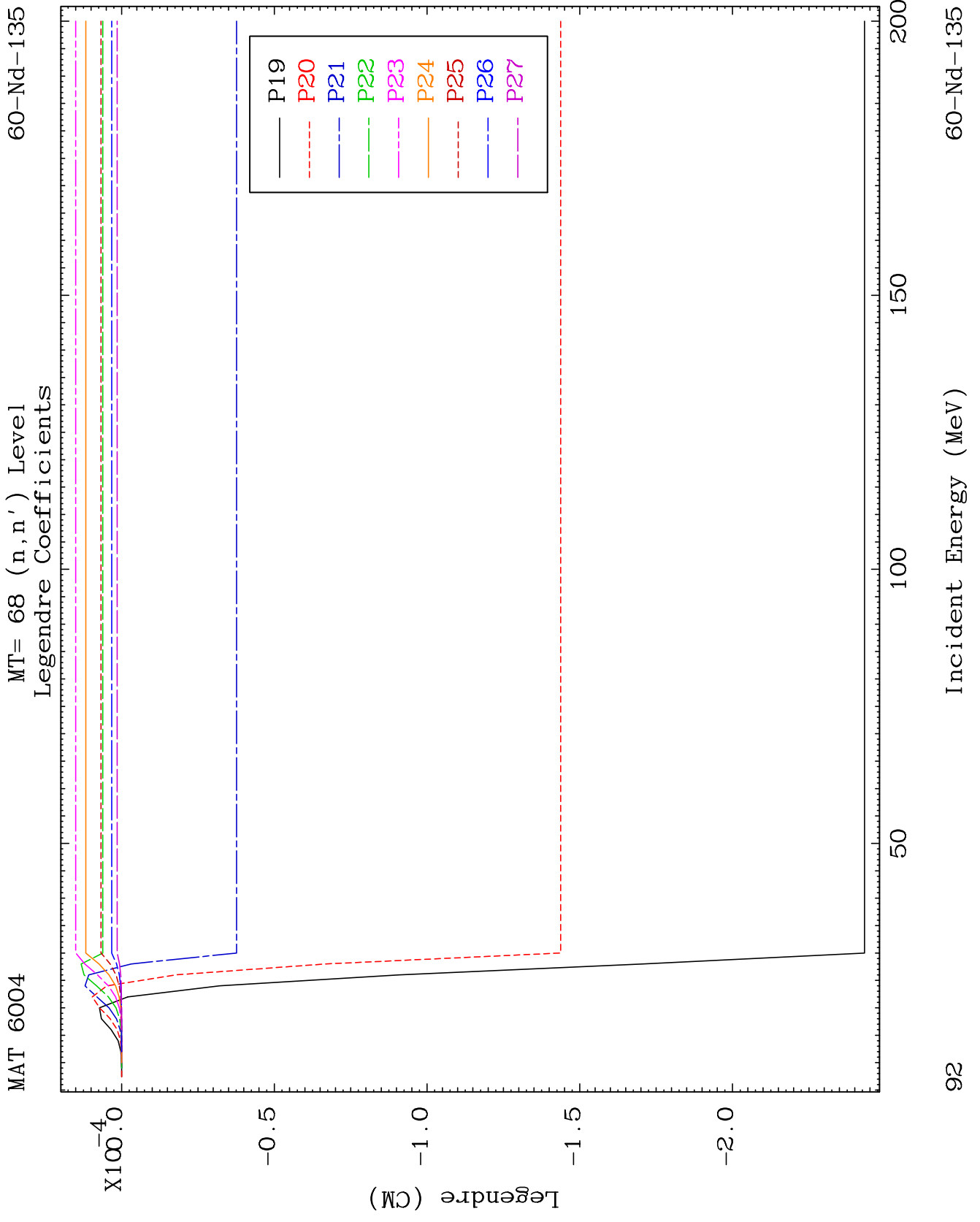
MT= 67 (n,n') Level  
Legendre Coefficients

60-Nd-135





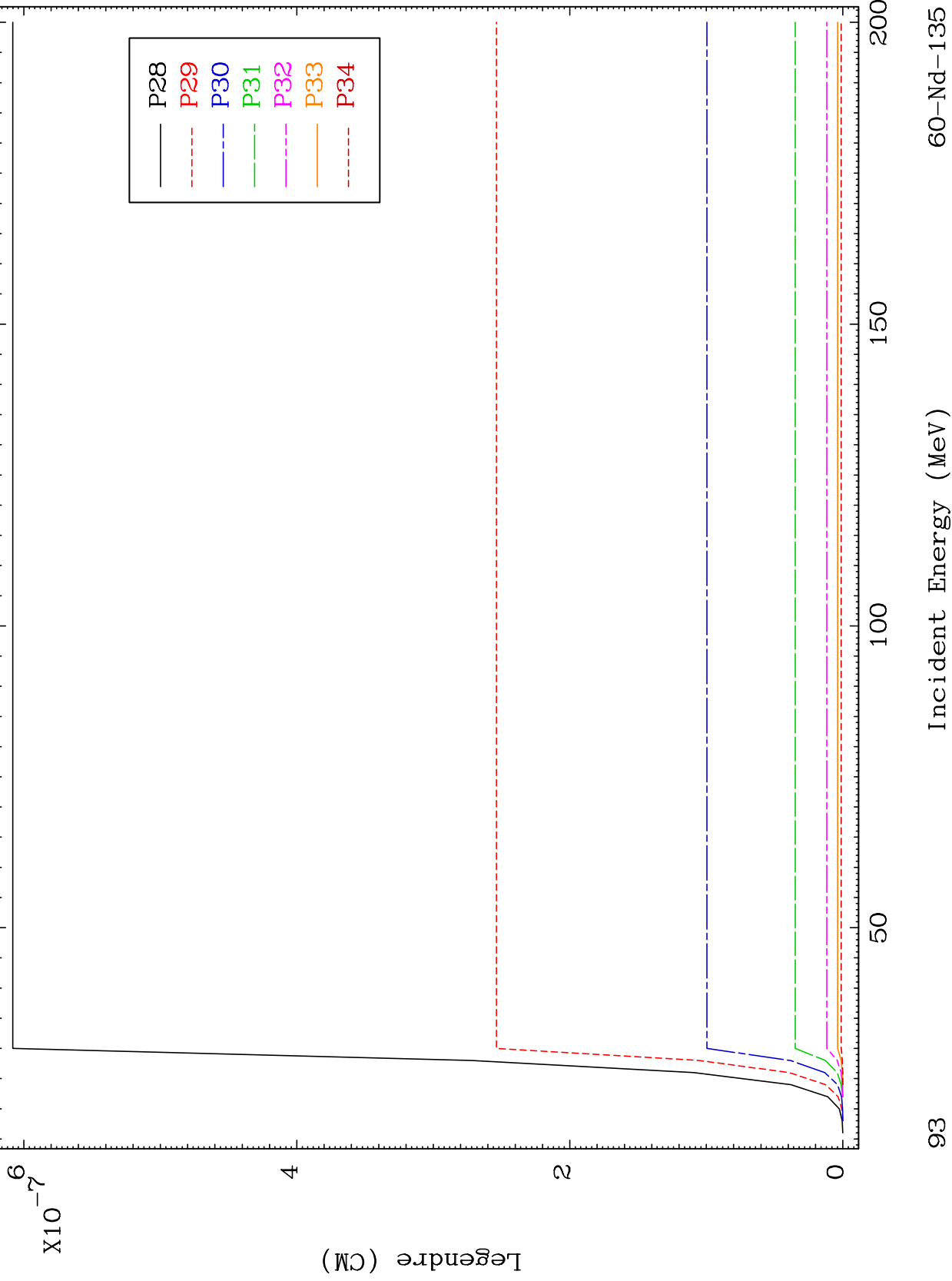


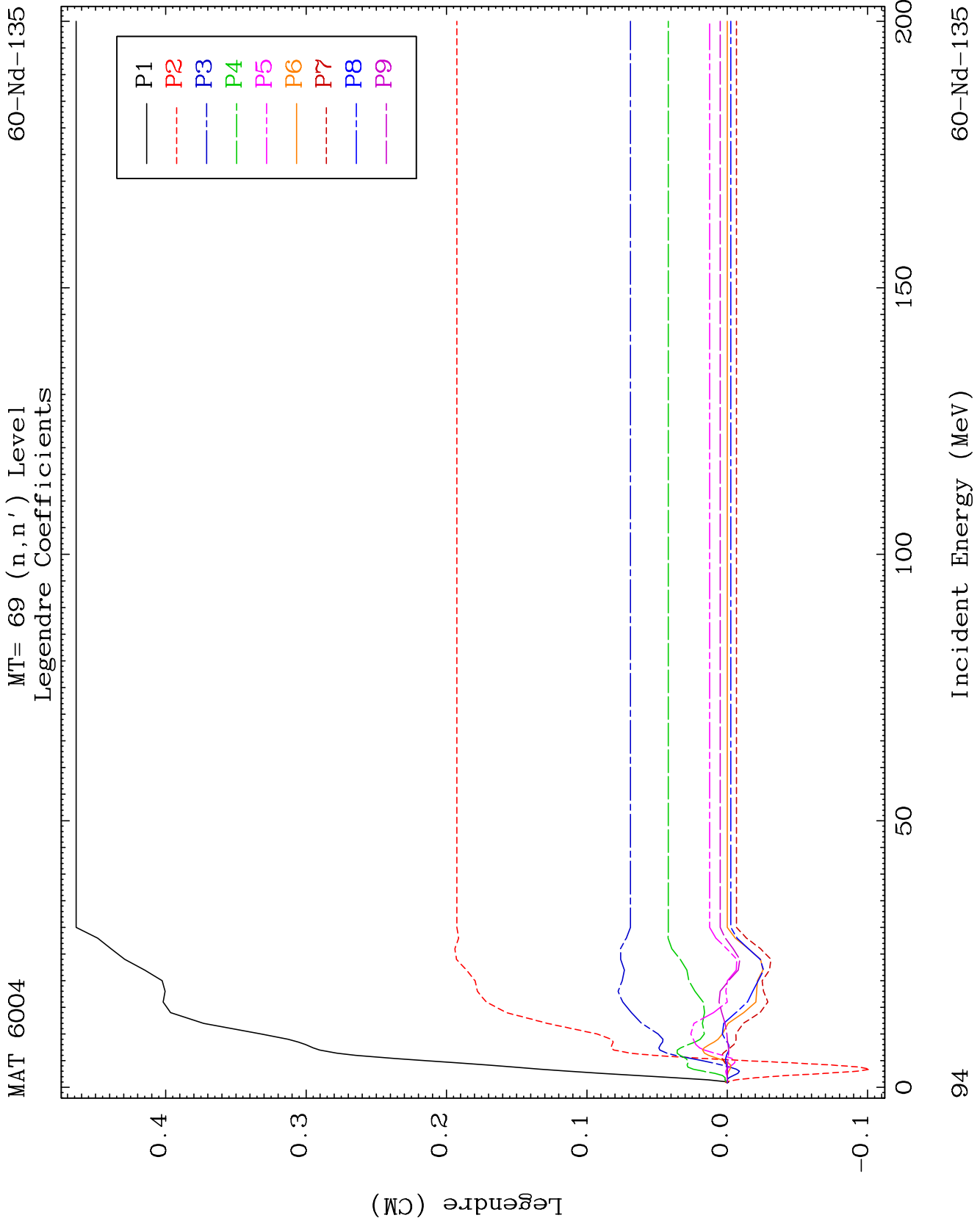


MAT 6004

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

60-Nd-135

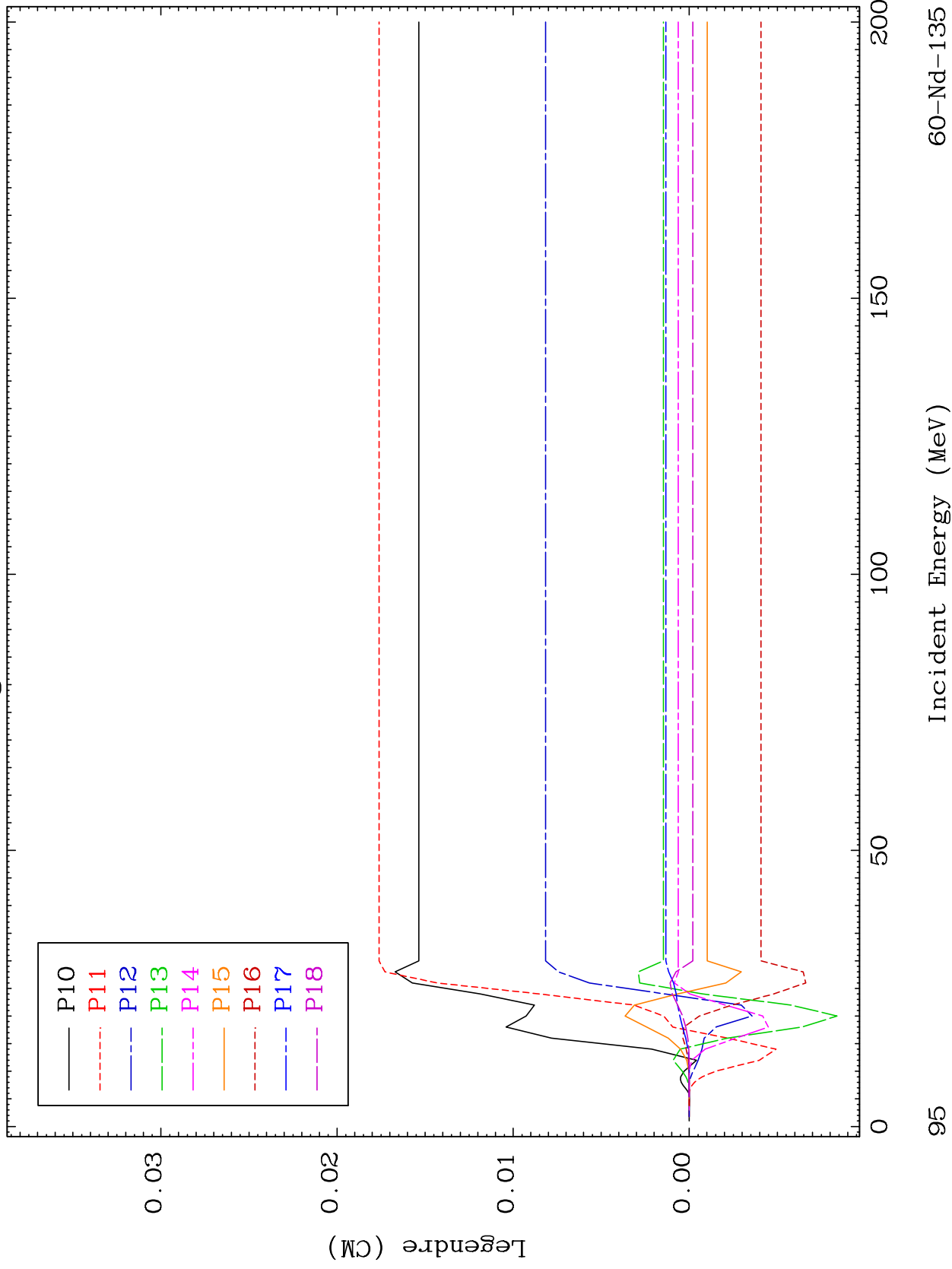




MAT 6004

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

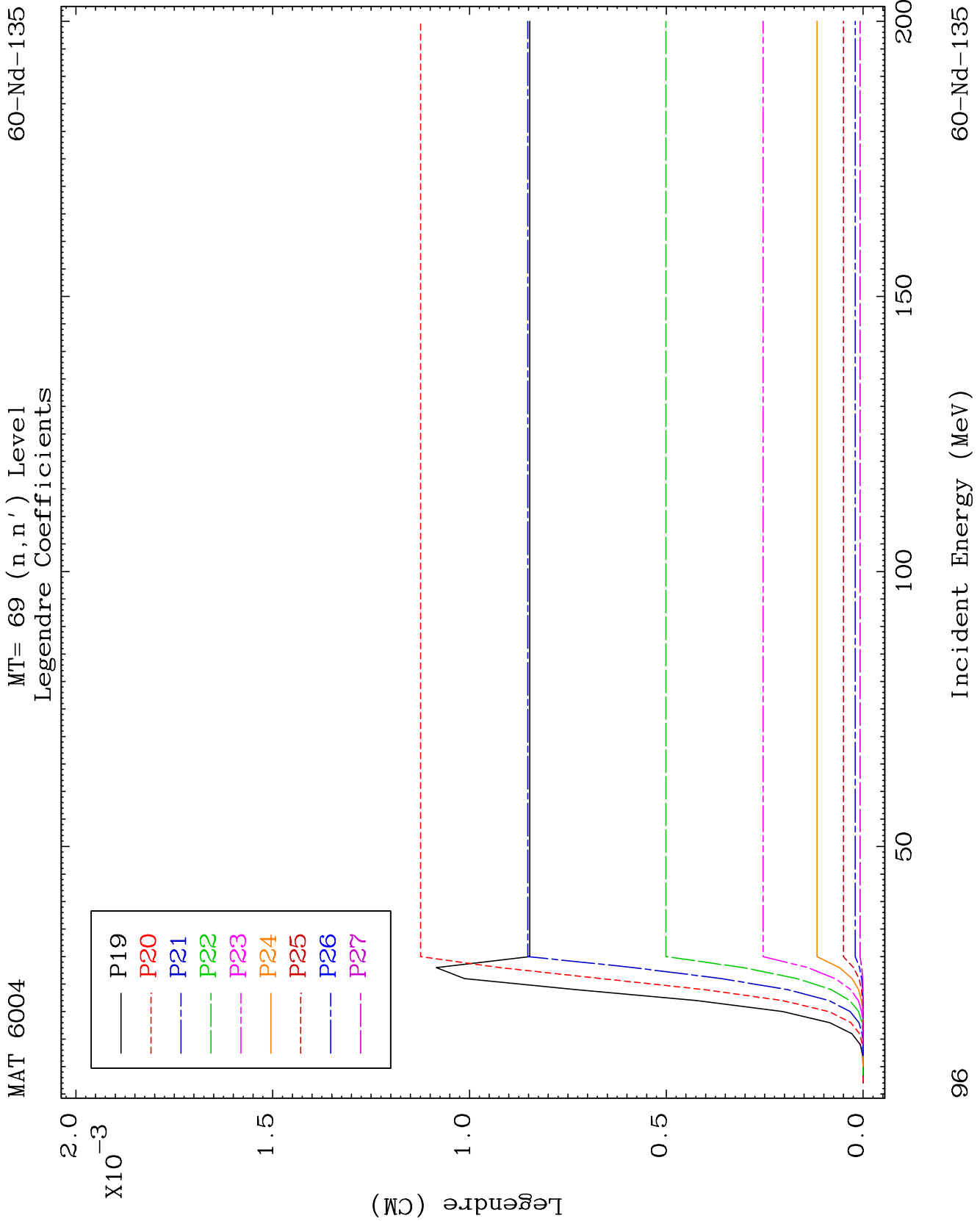
60-Nd-135



60-Nd-135

Incident Energy (MeV)

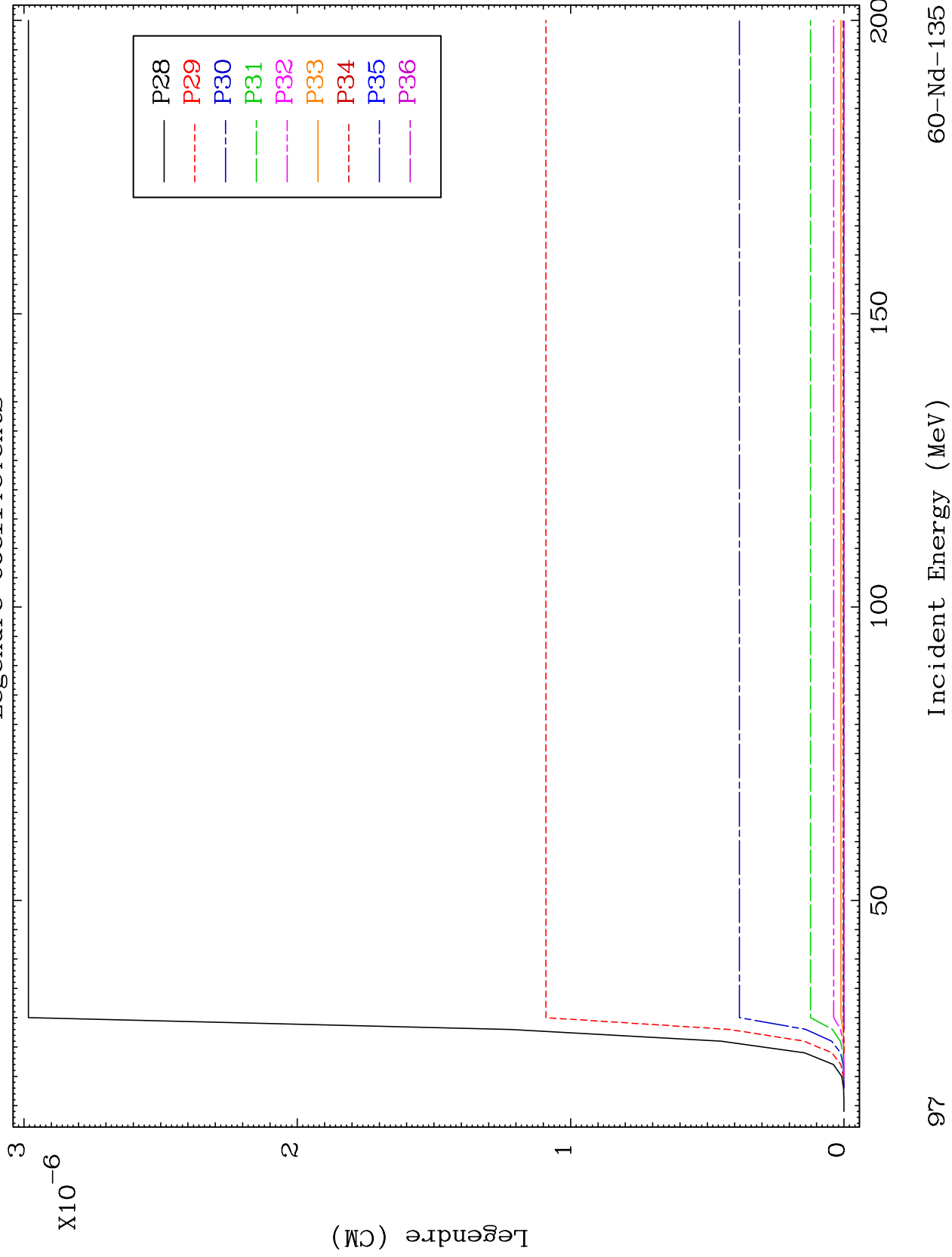
95



MAT 6004

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

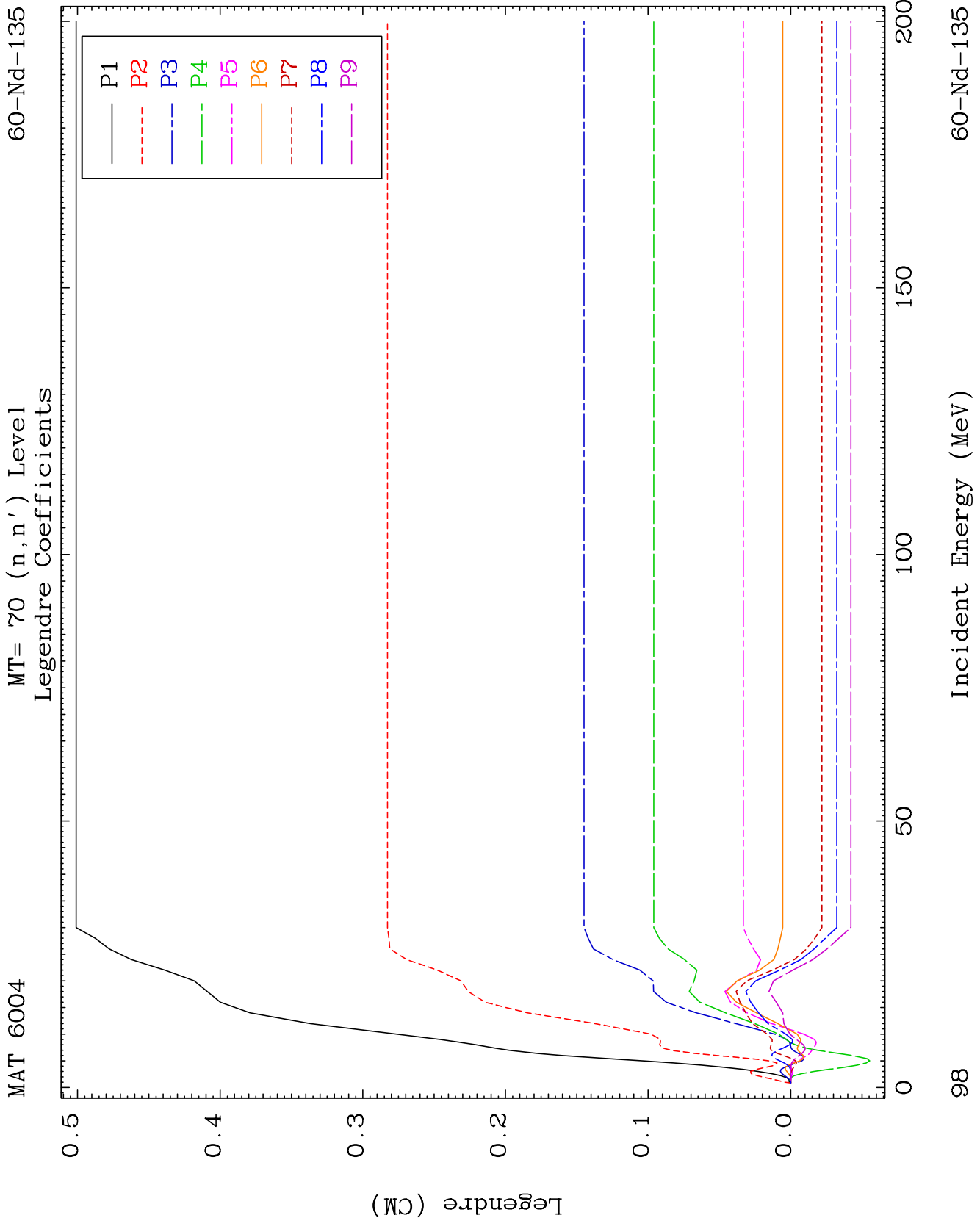
60-Nd-135

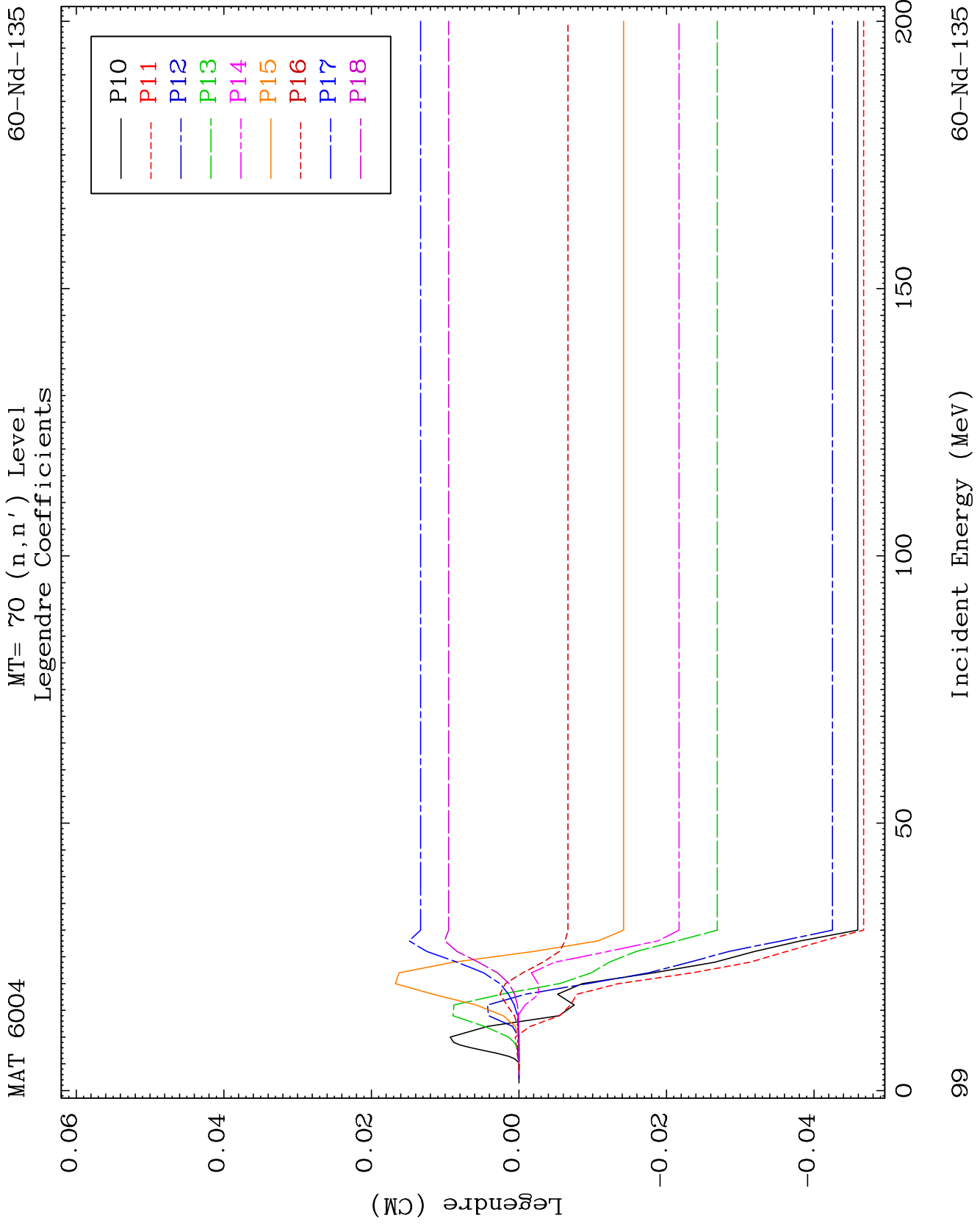


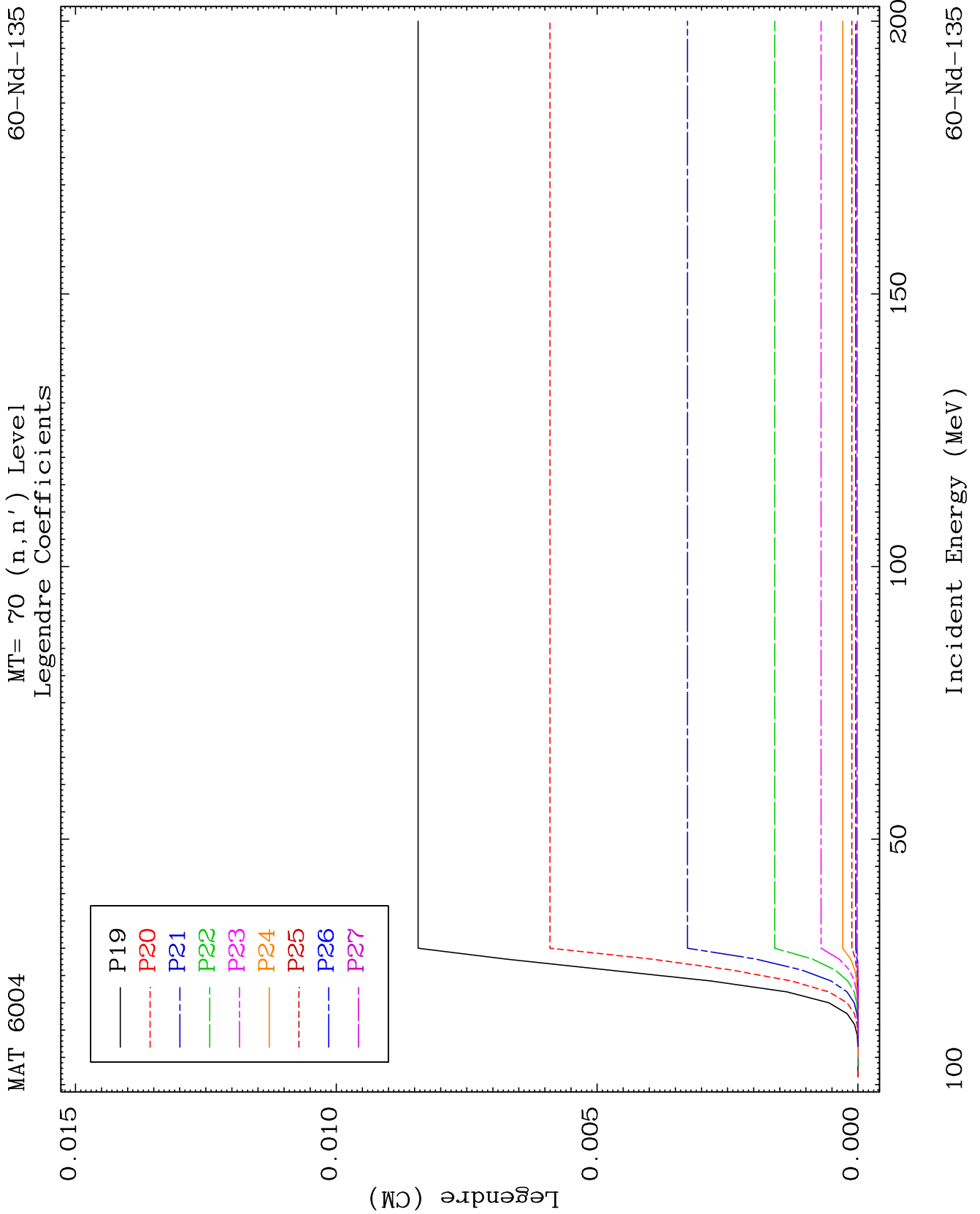
97

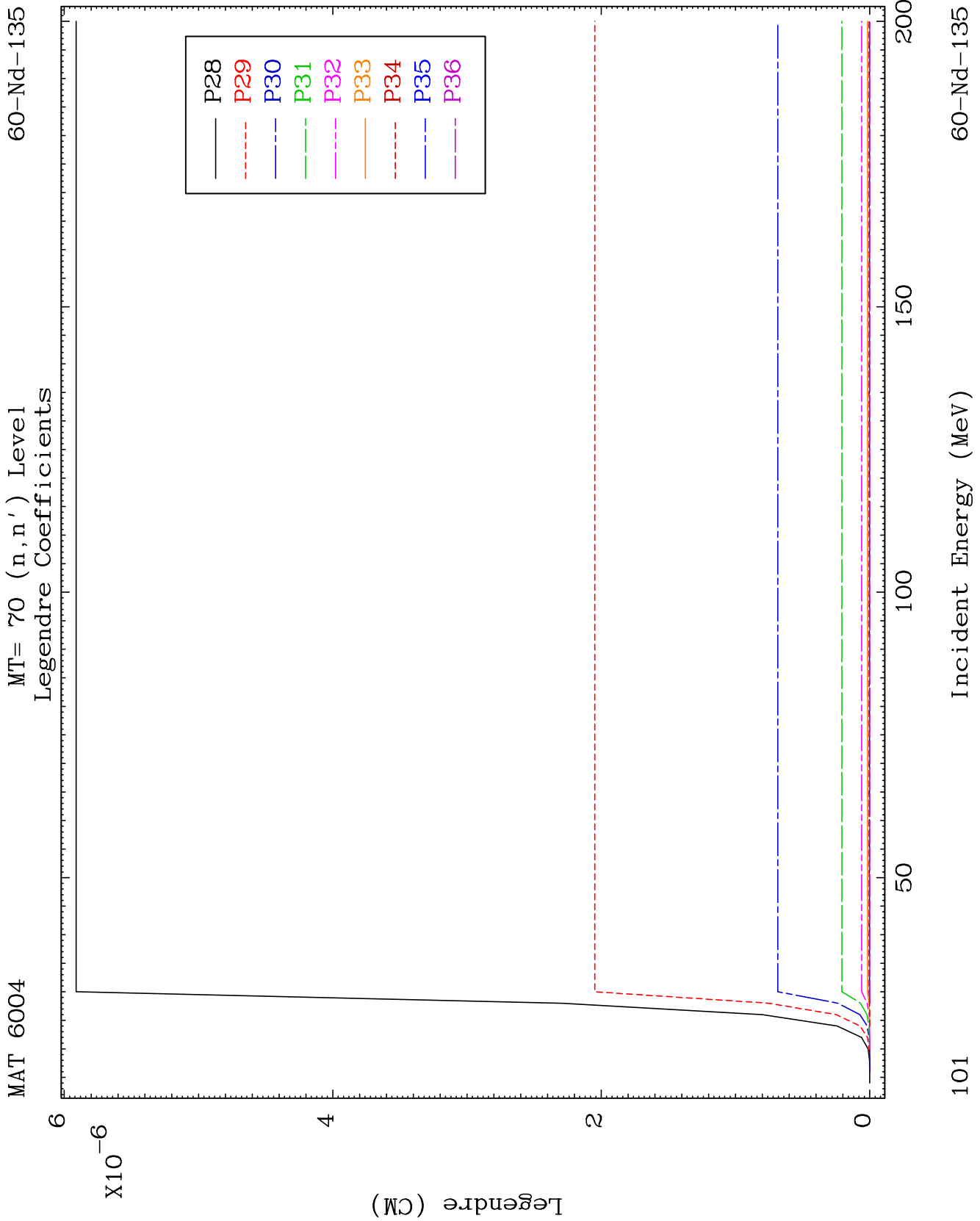
Incident Energy (MeV)

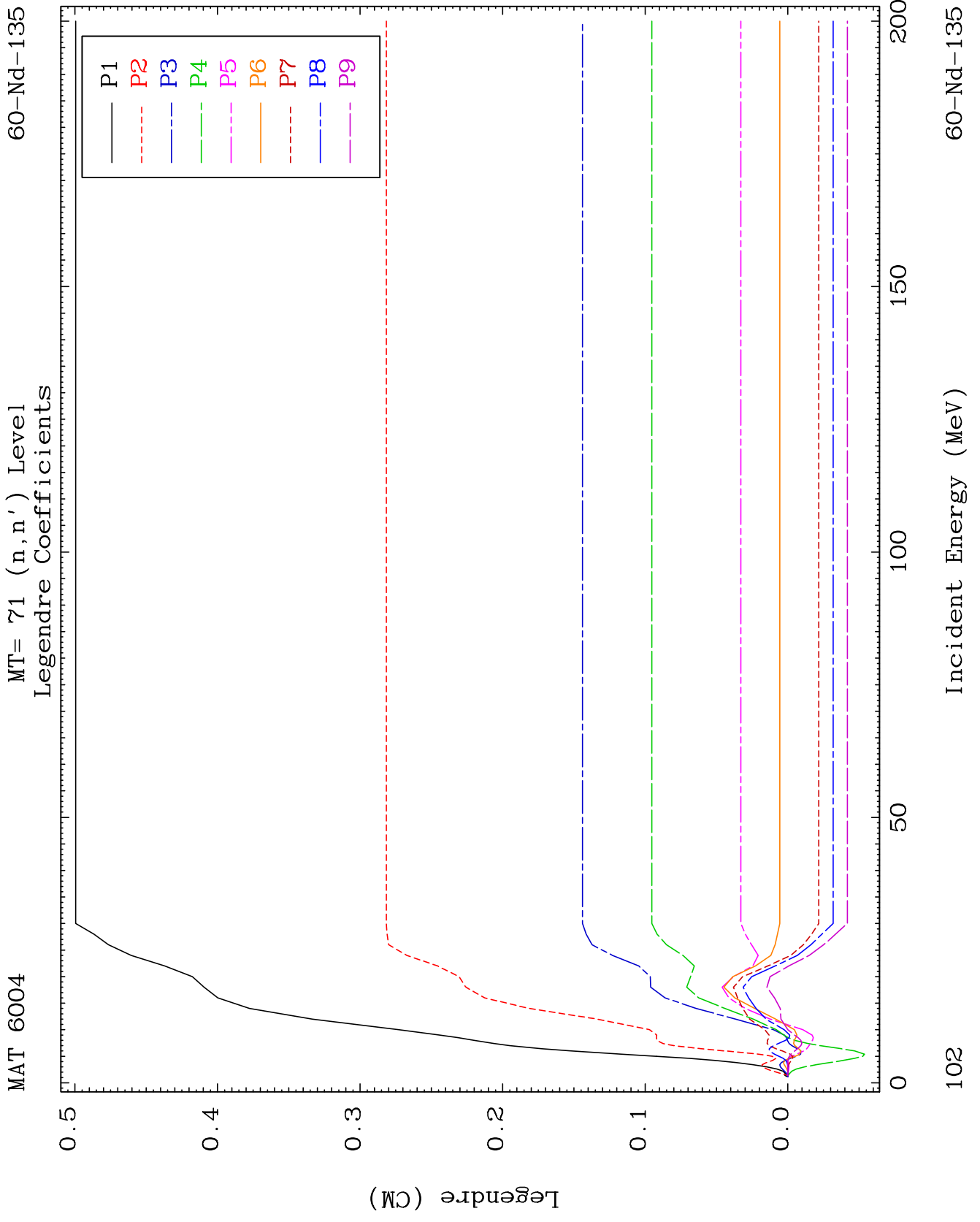
60-Nd-135

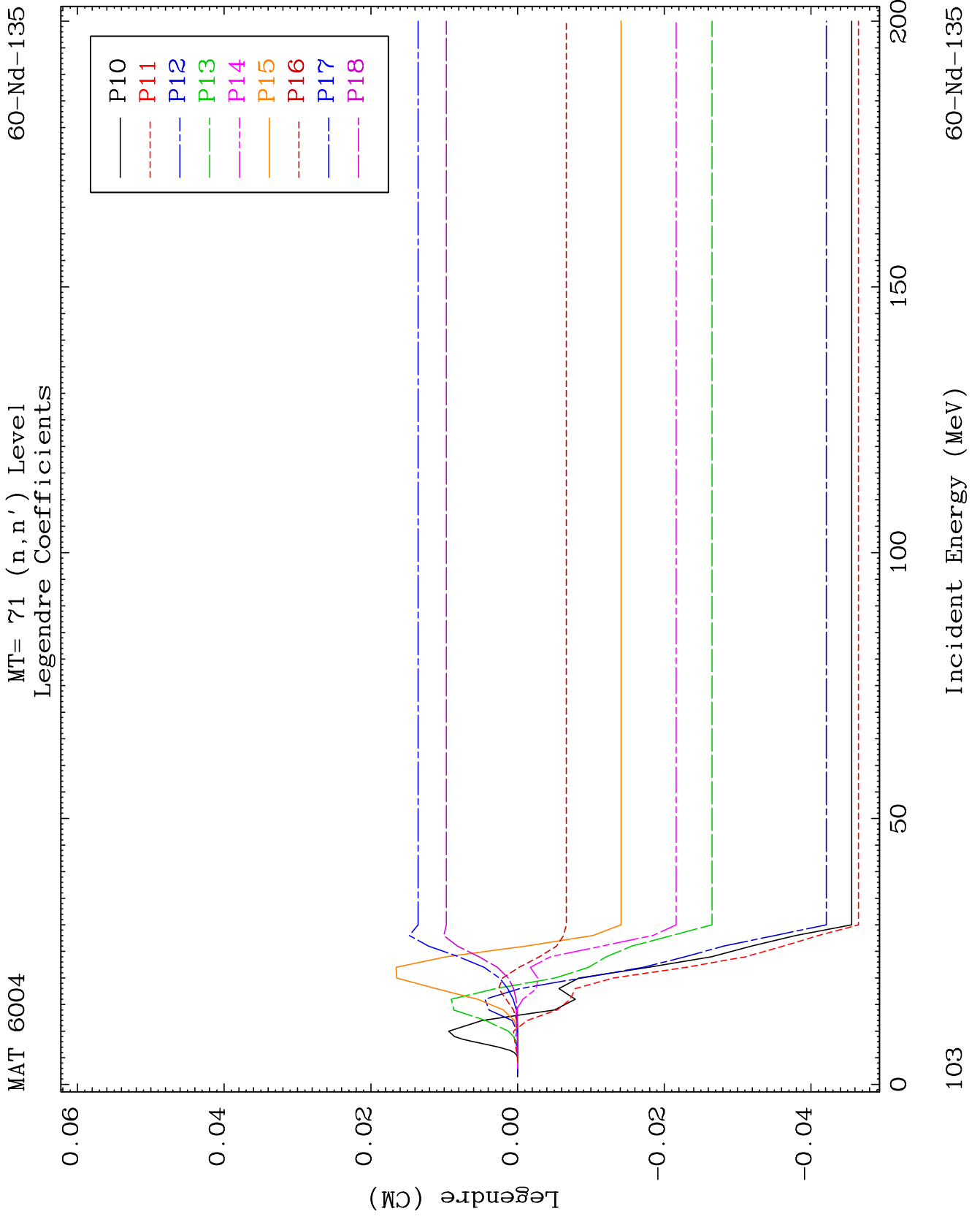






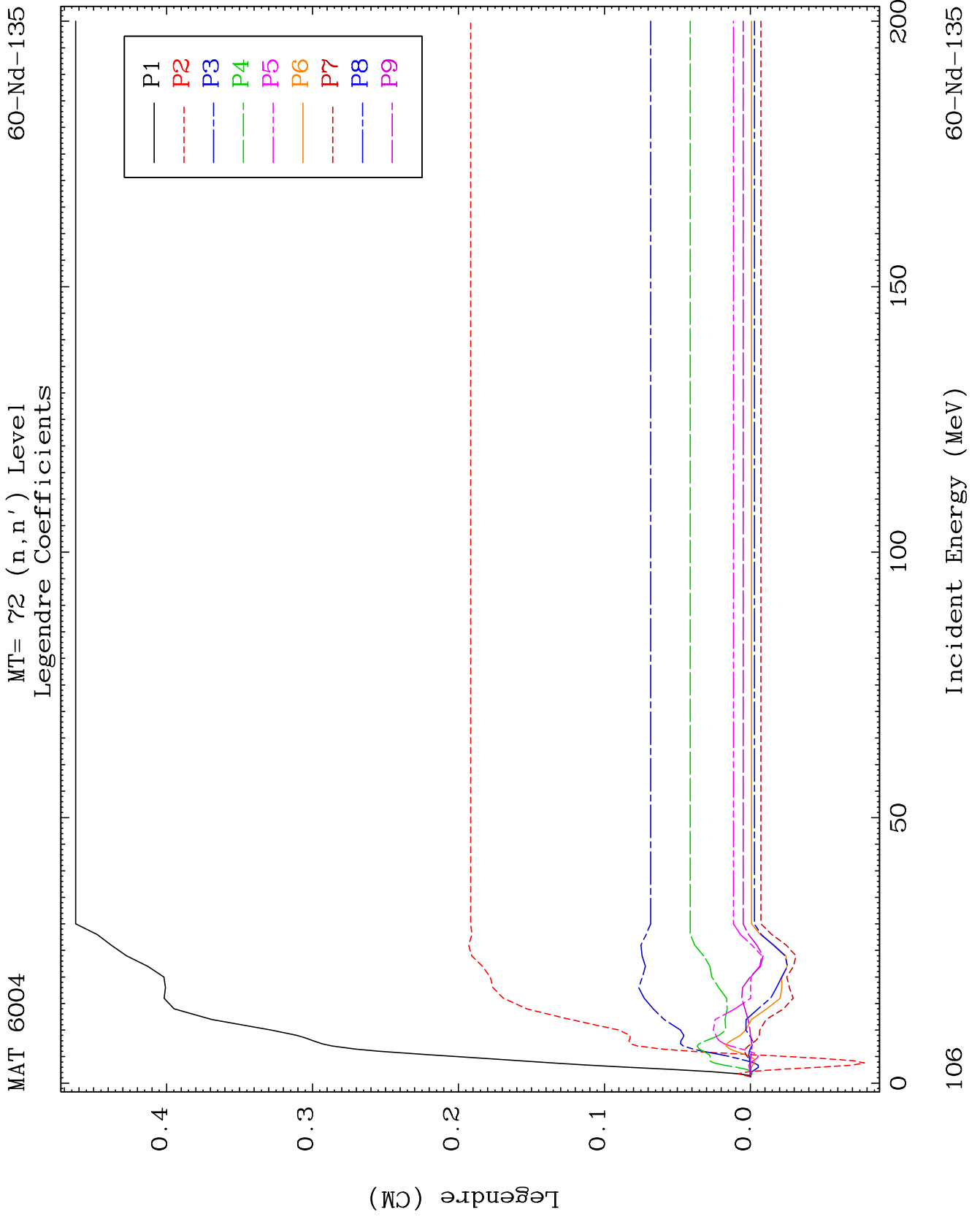








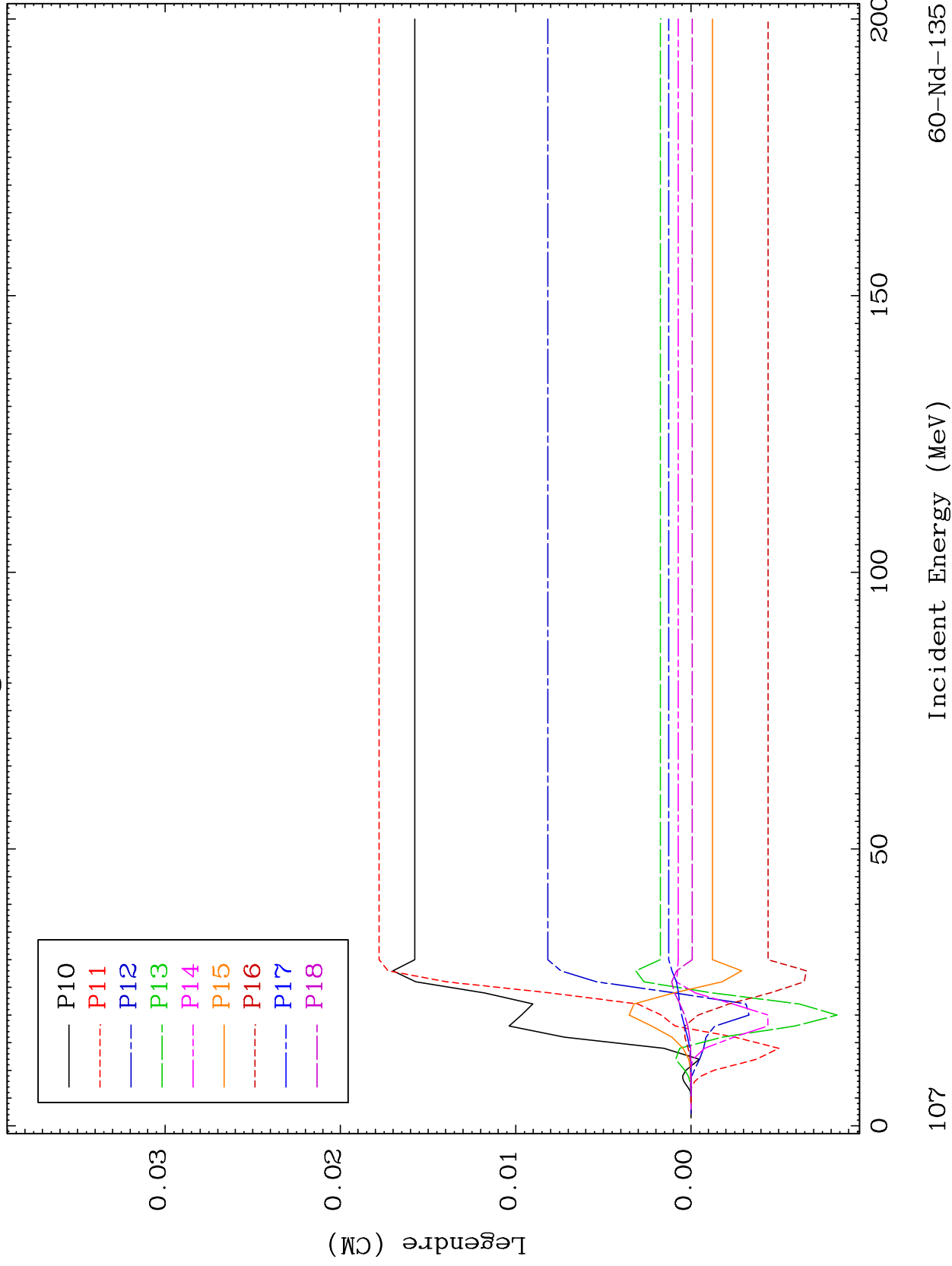




MAT 6004

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

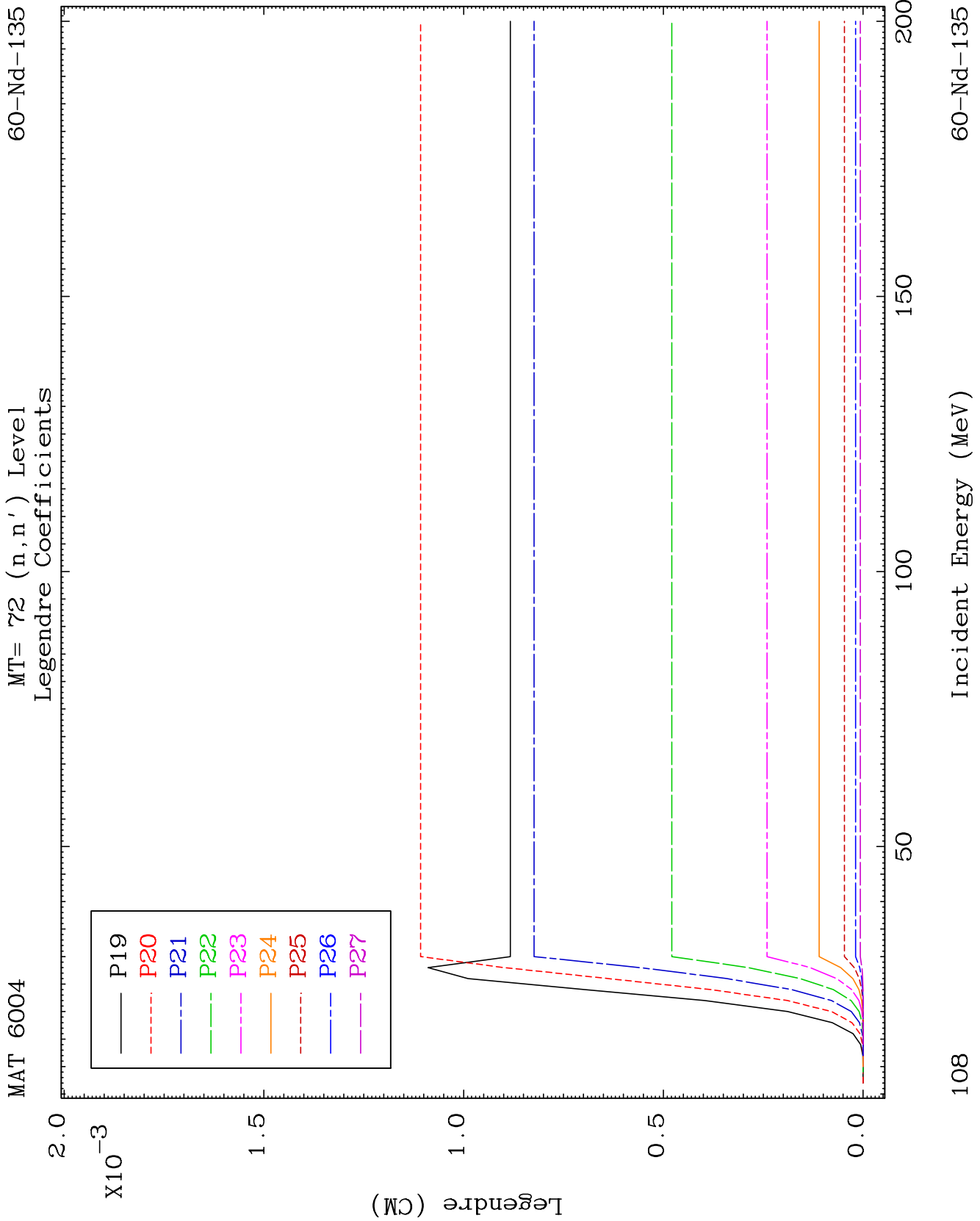
60-Nd-135



107

Incident Energy (MeV)

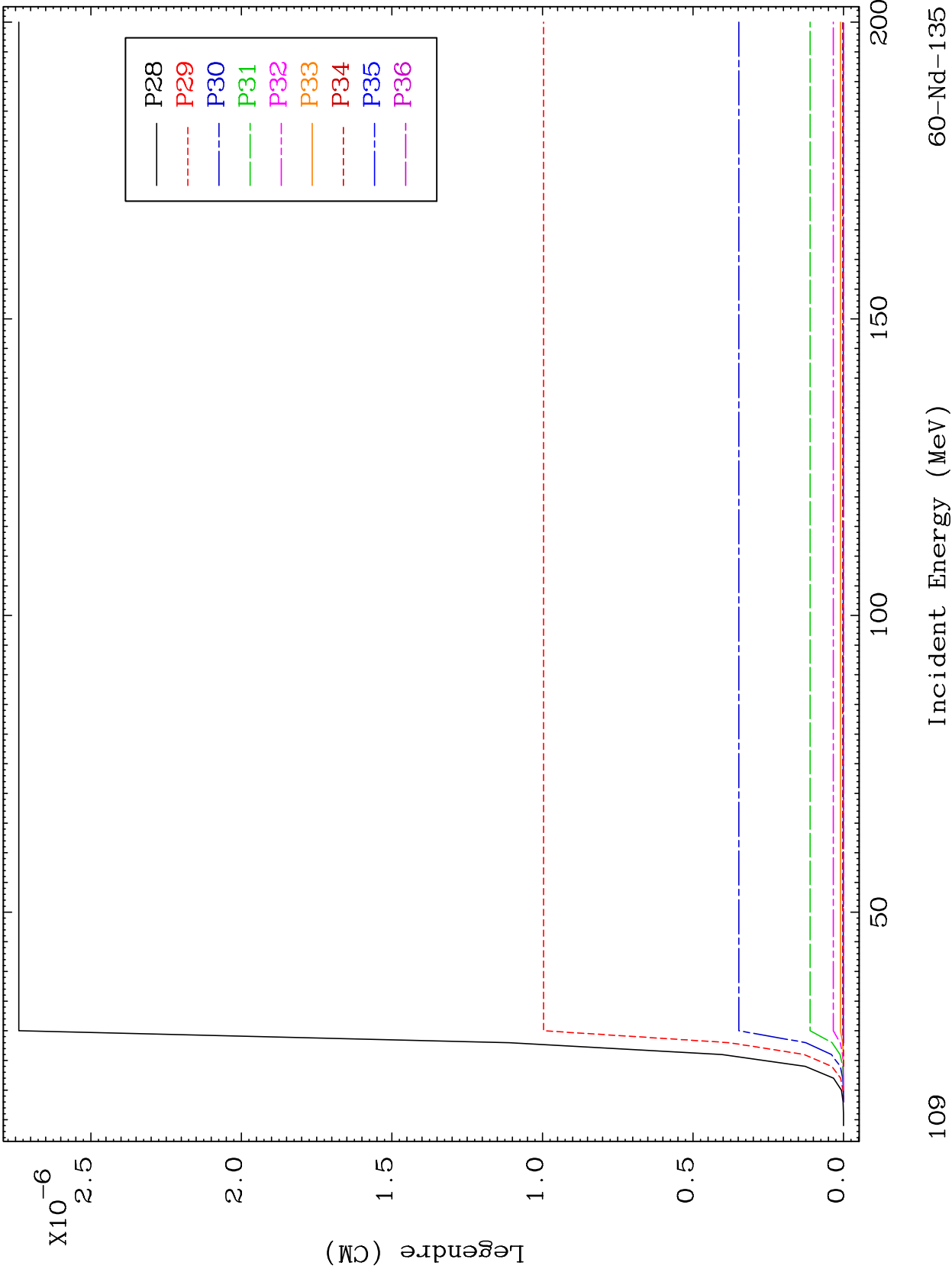
60-Nd-135



MAT 6004

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

60-Nd-135



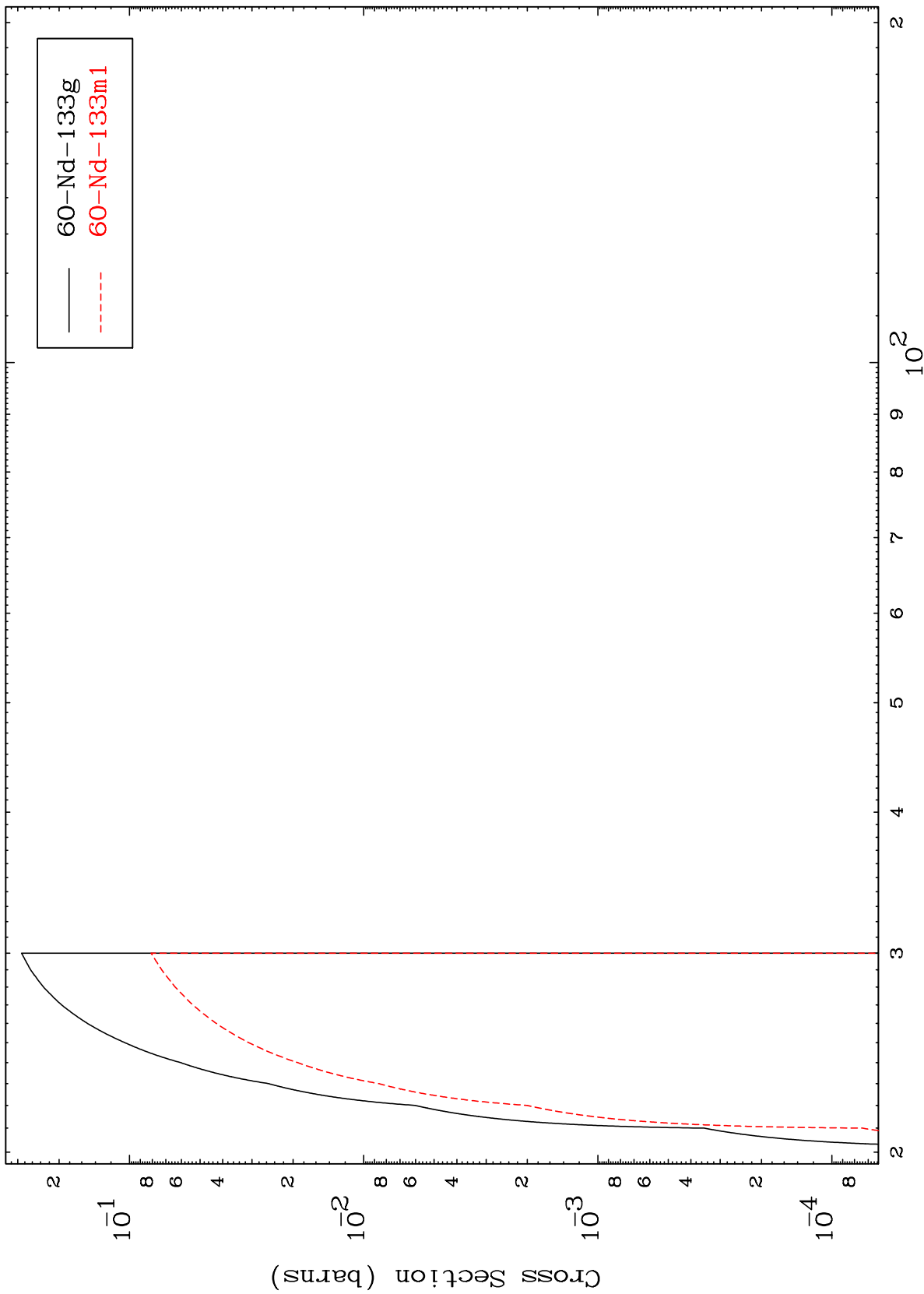
109

60-Nd-135

MAT 6004

60-Nd-135

(n,3n)  
Radionuclide Production Cross Section



60-Nd-135

Incident Energy (MeV)

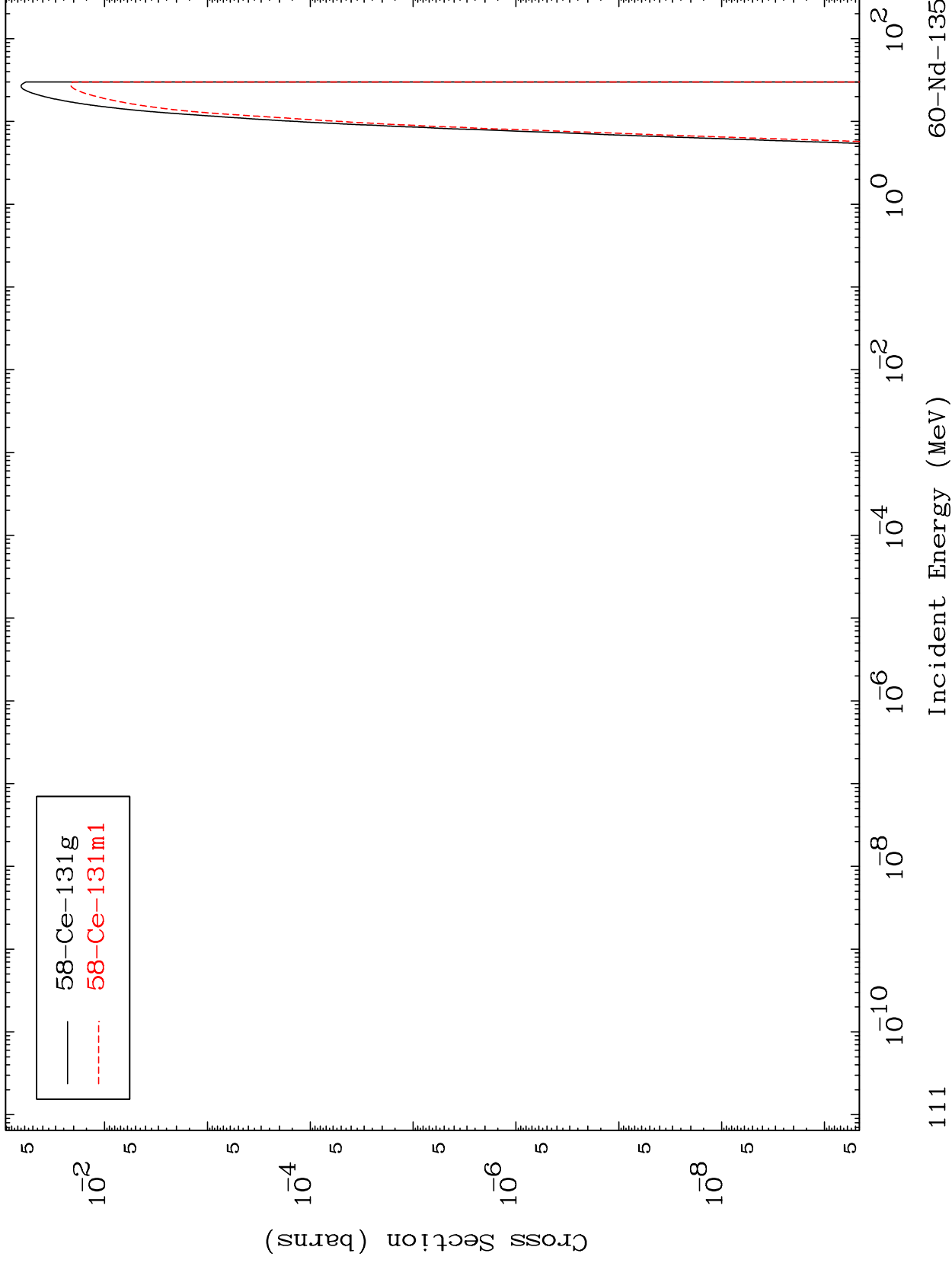
110

MAT 6004

(n,n')  $\alpha$

60-Nd-135

Radionuclide Production Cross Section

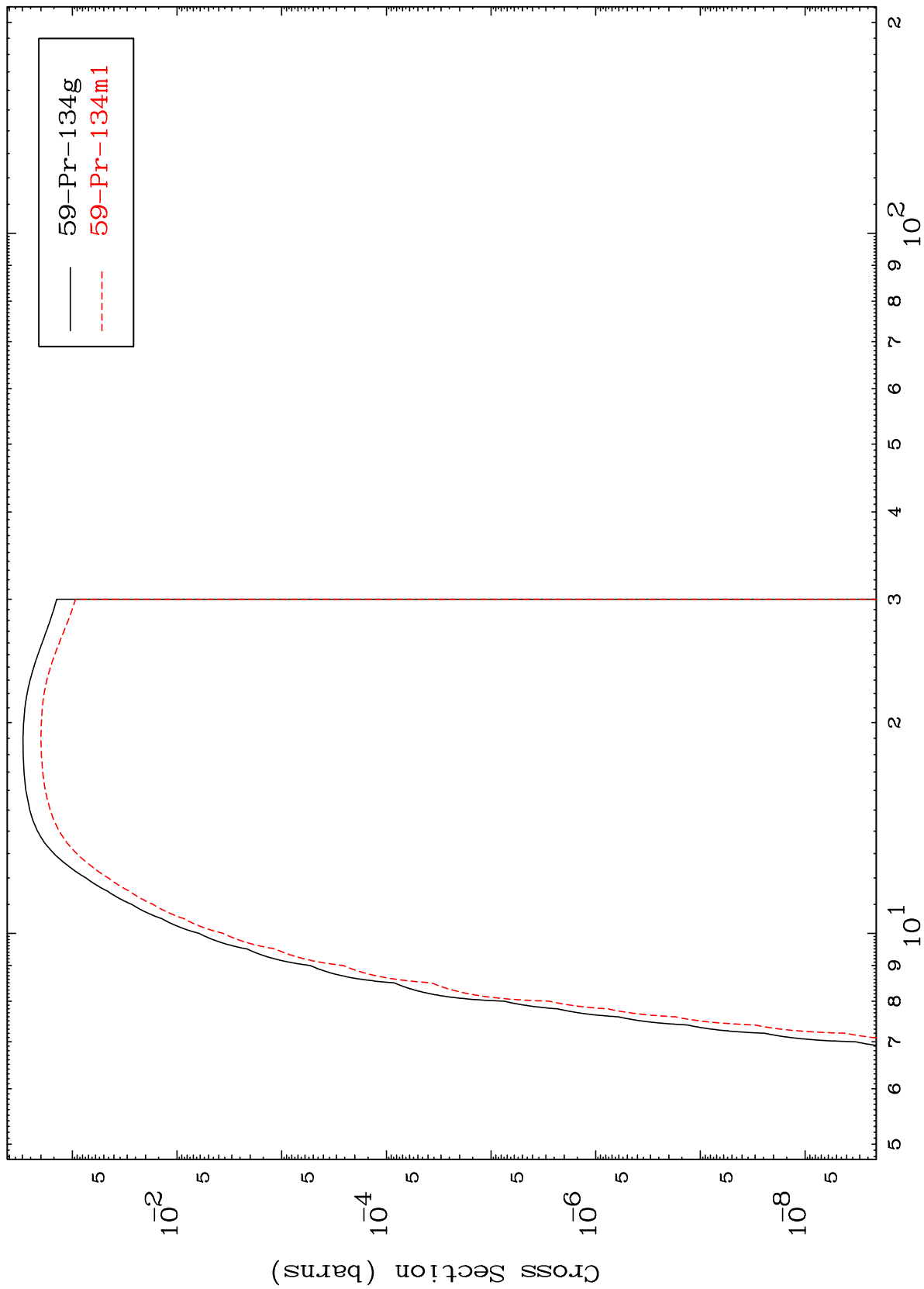


MAT 6004

(n,n') p

60-Nd-135

Radionuclide Production Cross Section



112

Incident Energy (MeV)

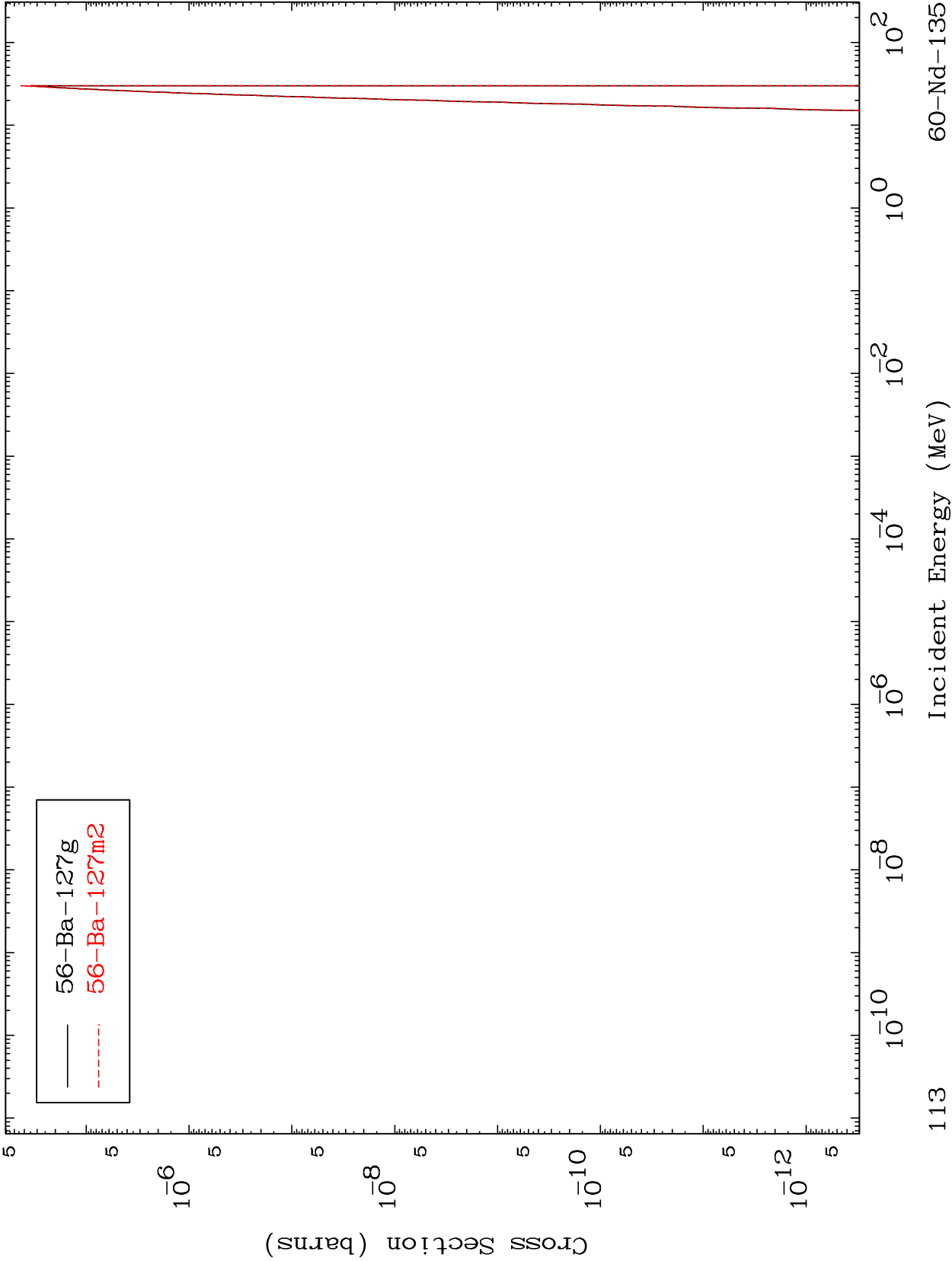
60-Nd-135

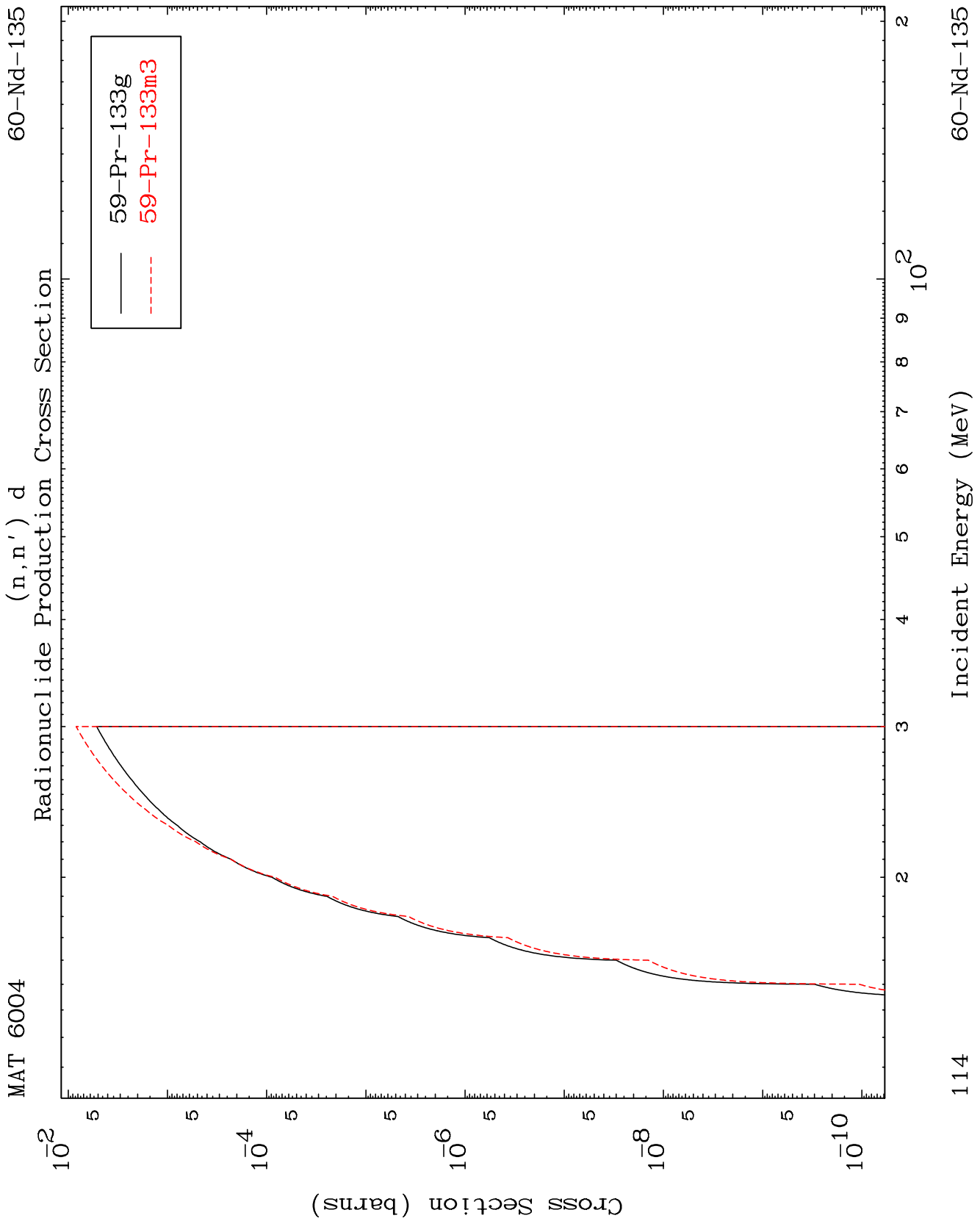
MAT 6004

(n,n') 2α

60-Nd-135

Radionuclide Production Cross Section



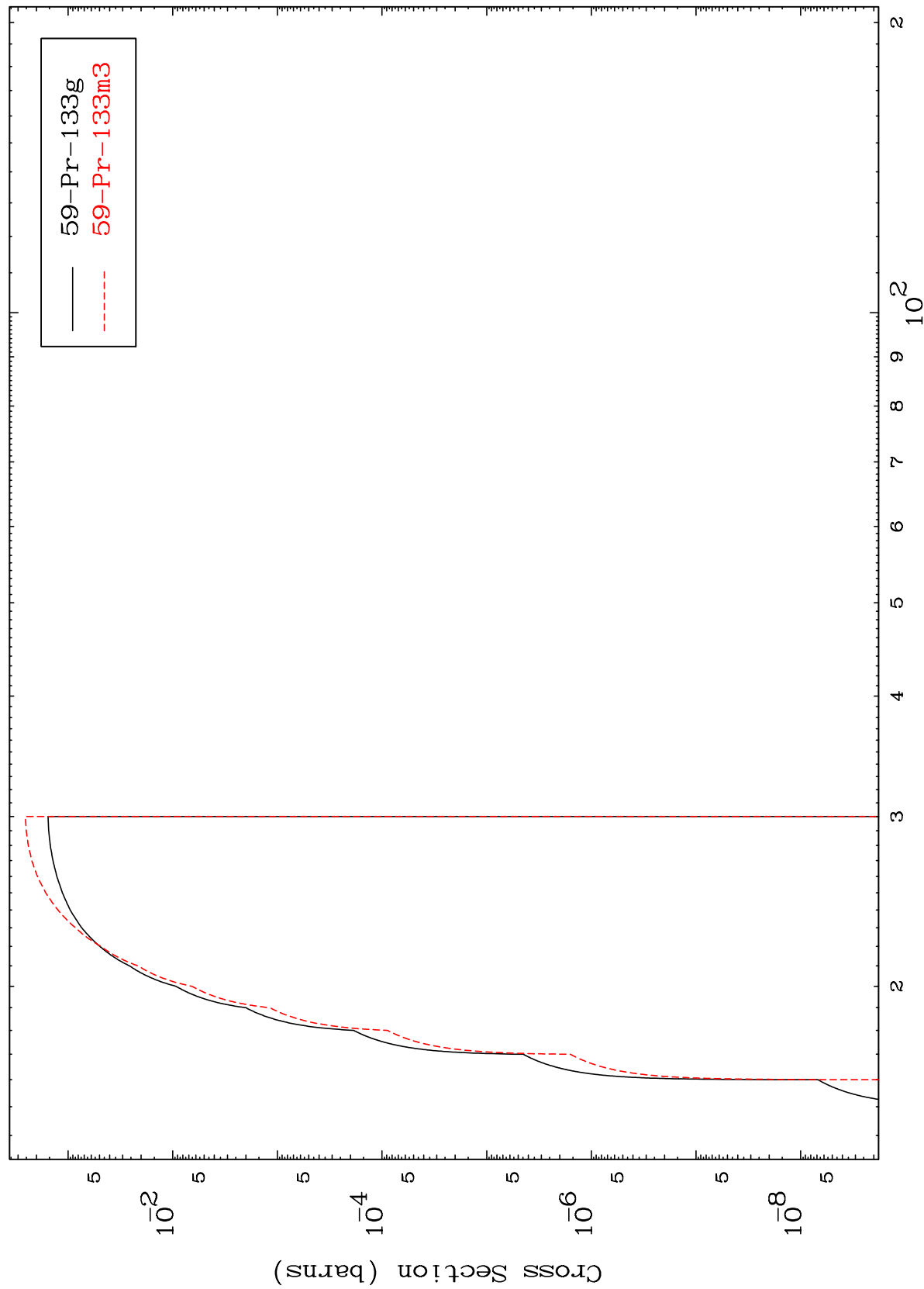


MAT 6004

(n,2n) p

60-Nd-135

Radionuclide Production Cross Section



59-Pr-133g  
59-Pr-133m3

115

Incident Energy (MeV)

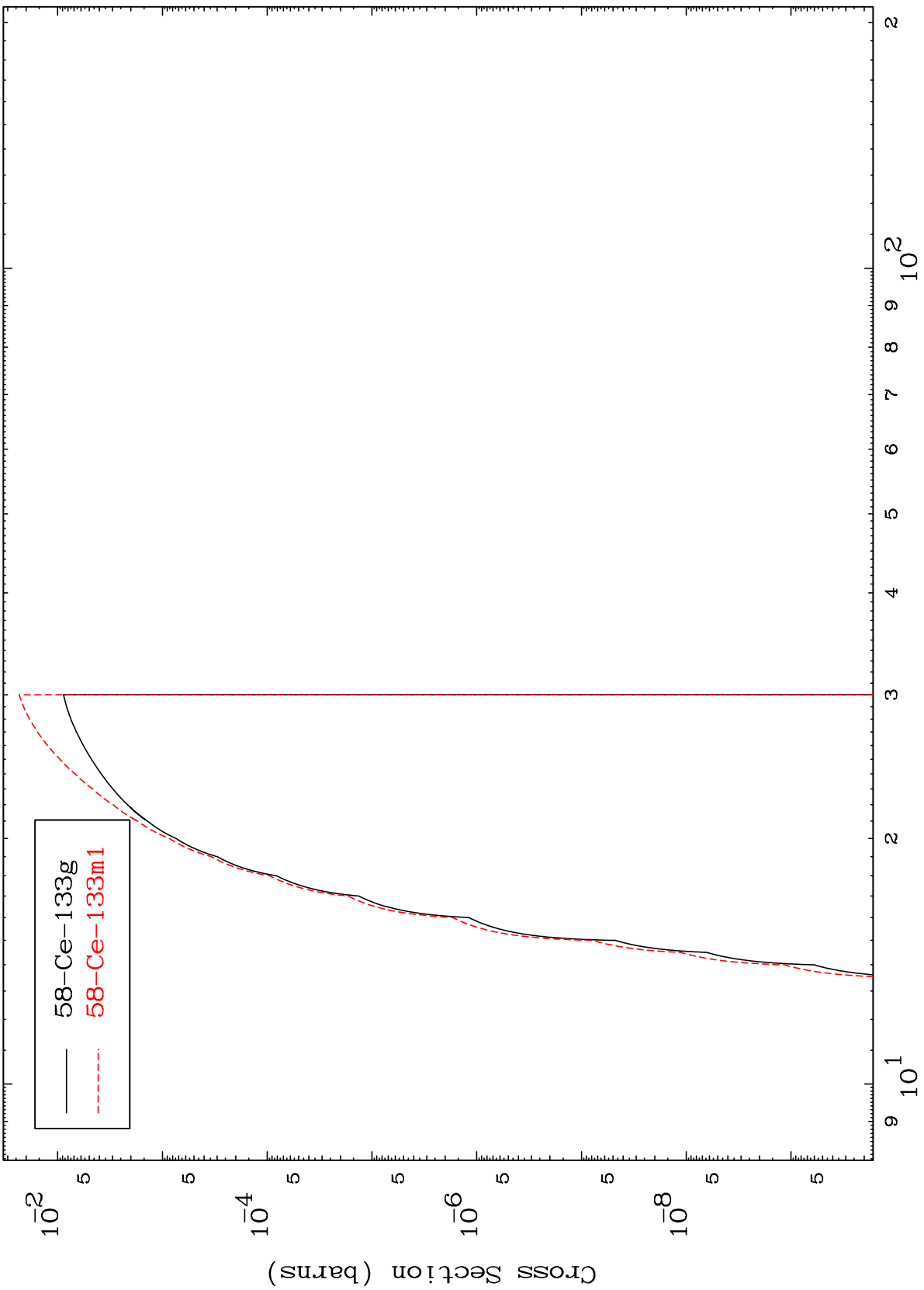
60-Nd-135

MAT 6004

(n,2n) p

60-Nd-135

Radionuclide Production Cross Section



58-Ce-133g  
58-Ce-133m1

116

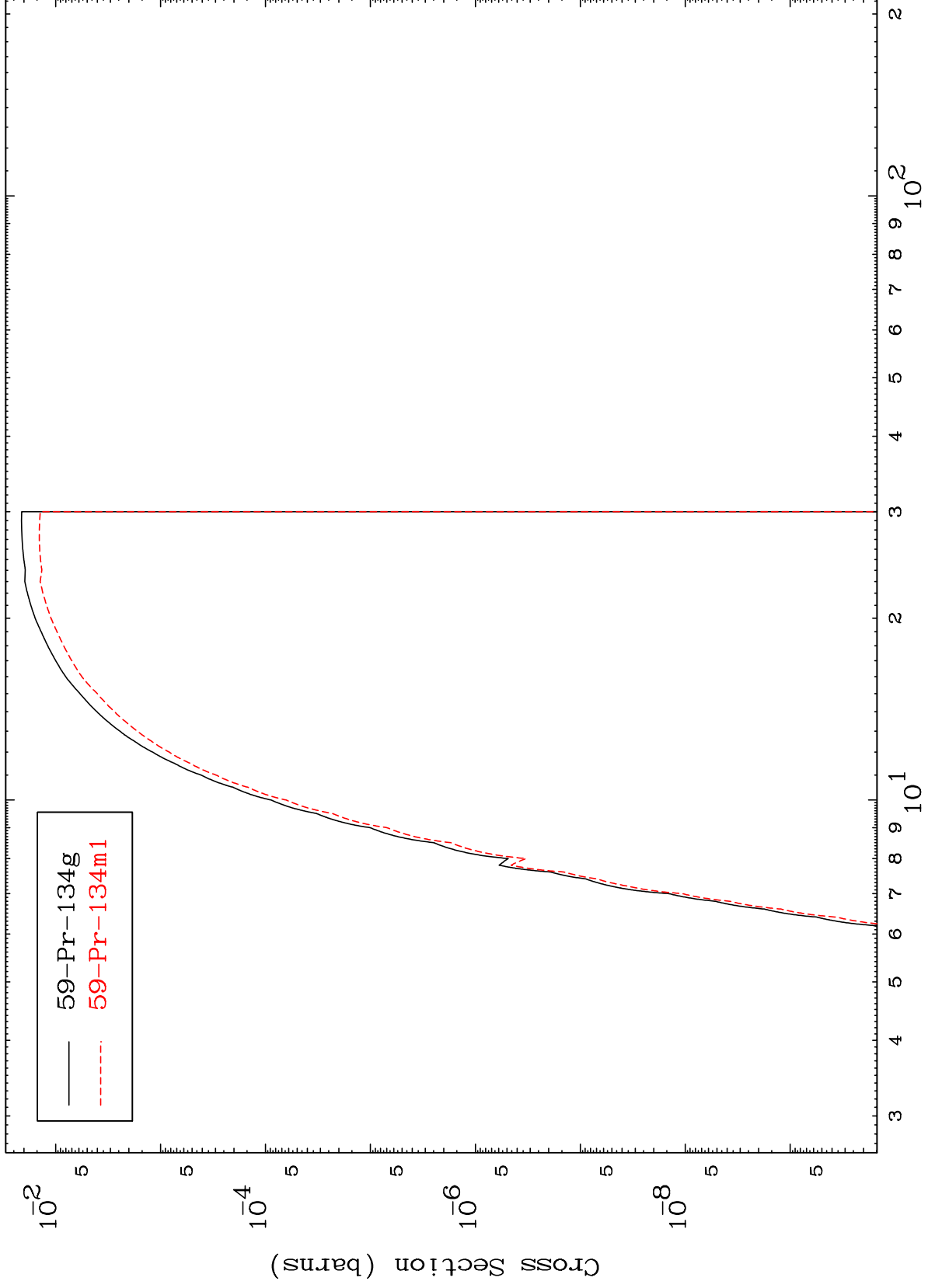
Incident Energy (MeV)

60-Nd-135

MAT 6004

60-Nd-135

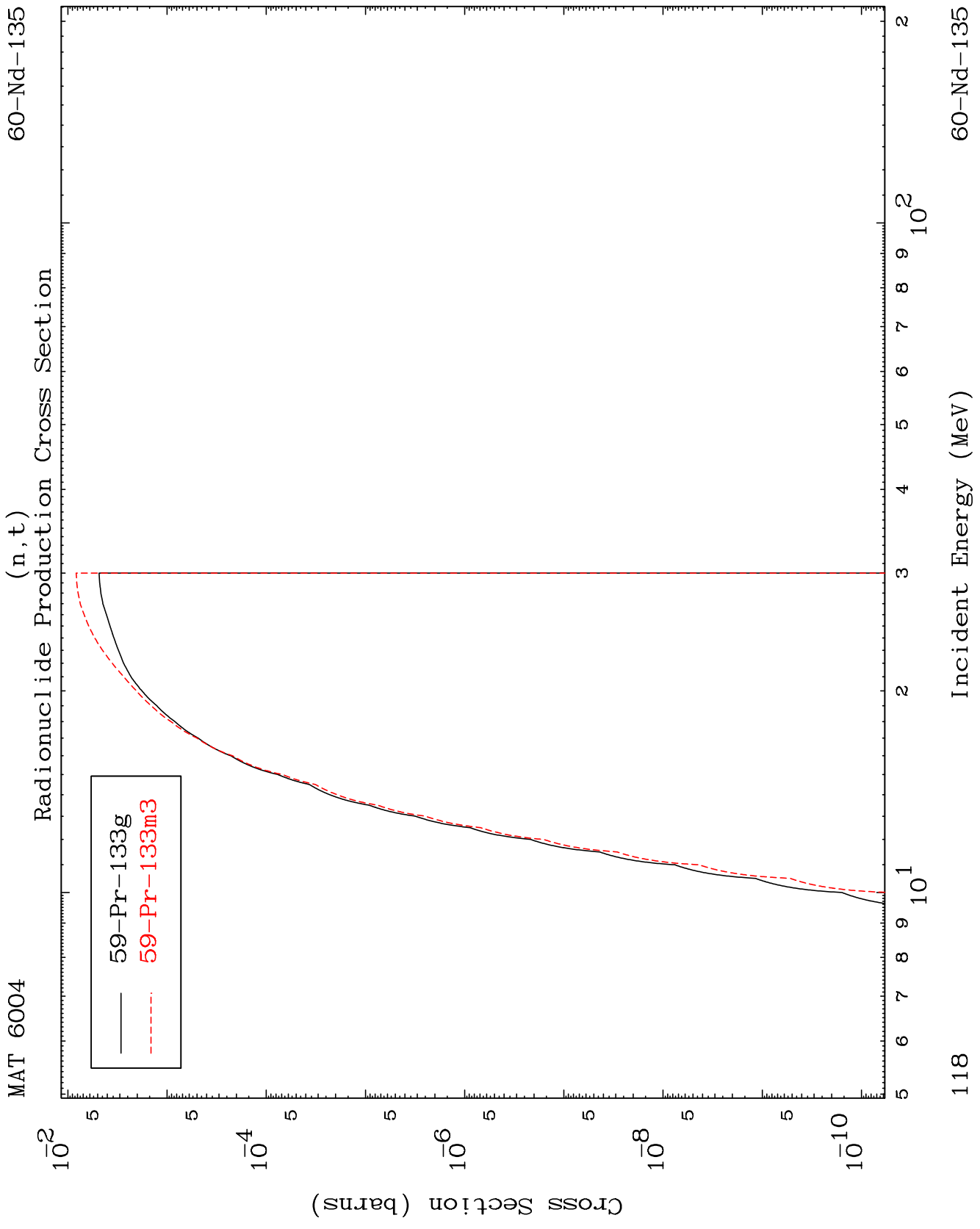
(n,d)  
Radionuclide Production Cross Section



117

Incident Energy (MeV)

60-Nd-135

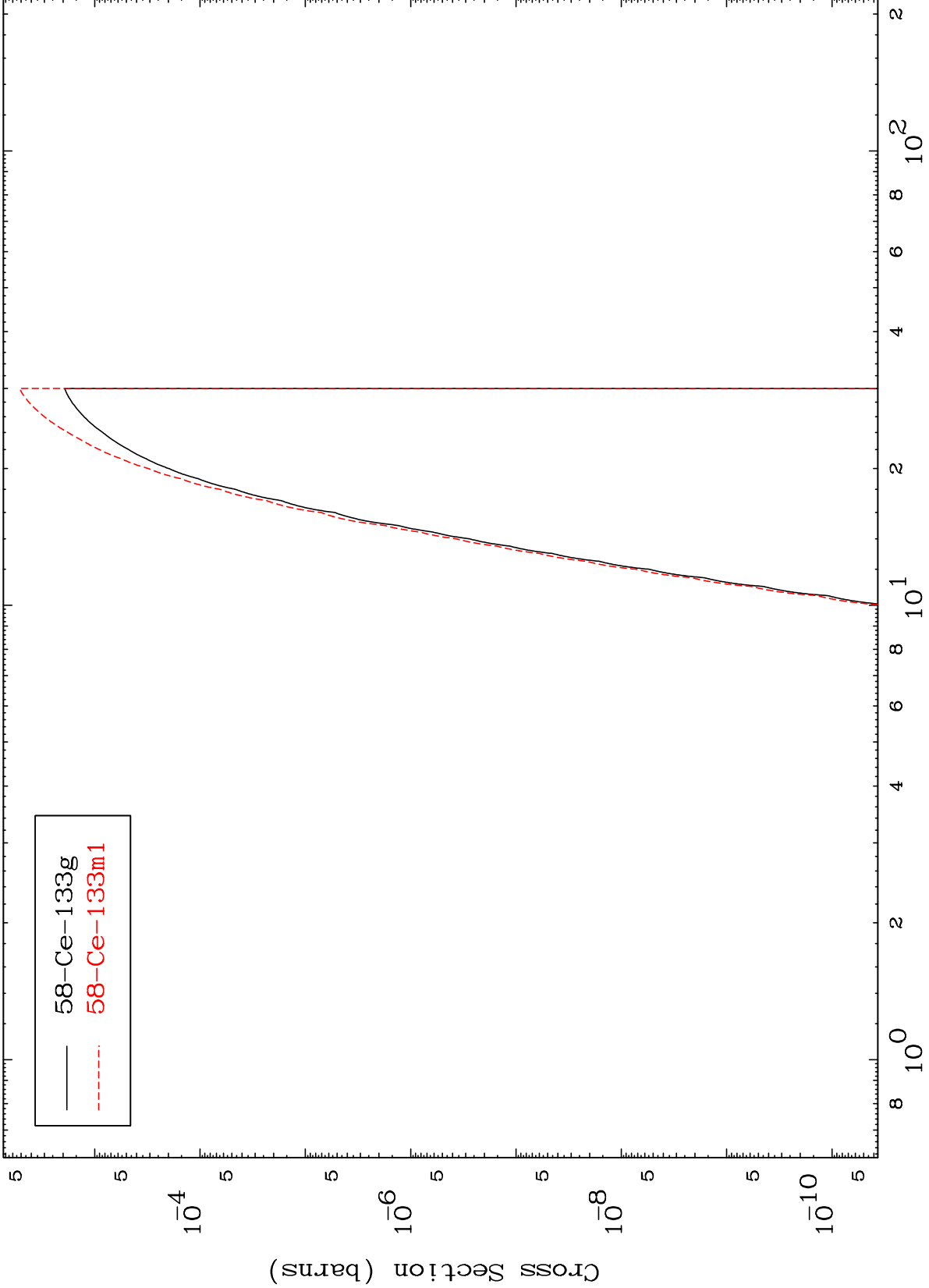


MAT 6004

(n,He-3)

60-Nd-135

Radionuclide Production Cross Section



58-Ce-133g  
58-Ce-133m1

119

Incident Energy (MeV)

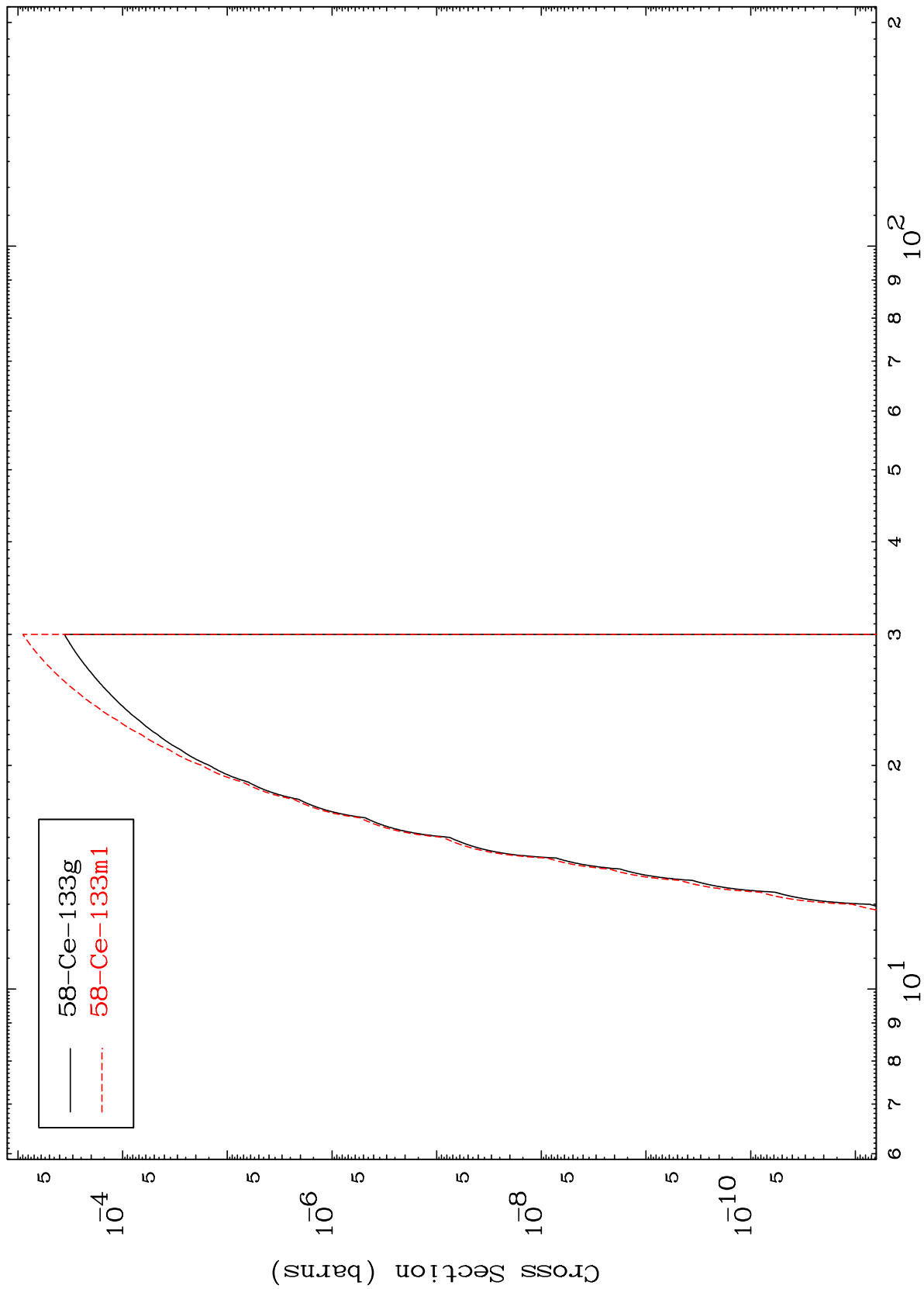
60-Nd-135

MAT 6004

(n,p) d

60-Nd-135

Radionuclide Production Cross Section



58-Ce-133g  
58-Ce-133m1

120

Incident Energy (MeV)

60-Nd-135