

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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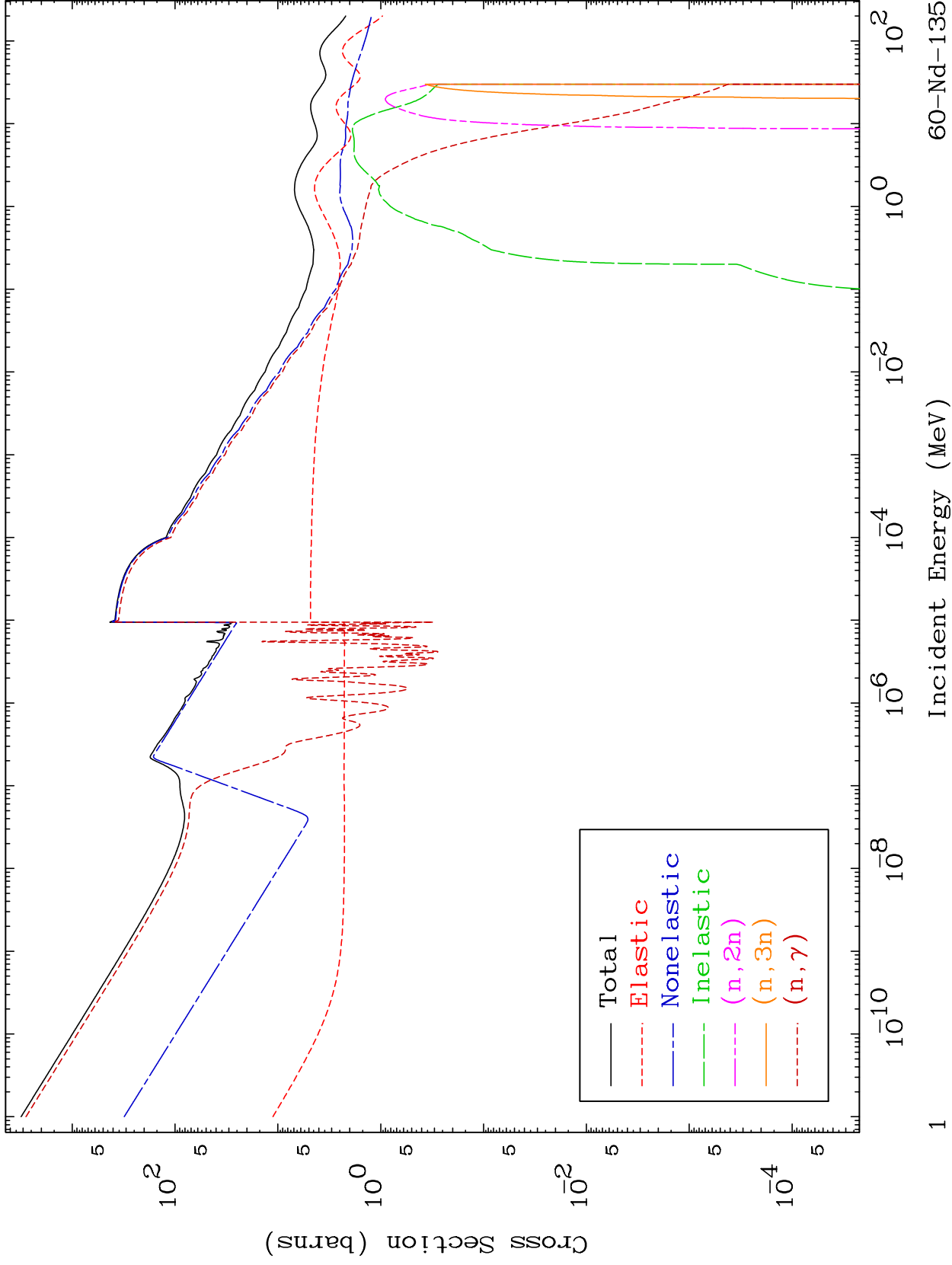
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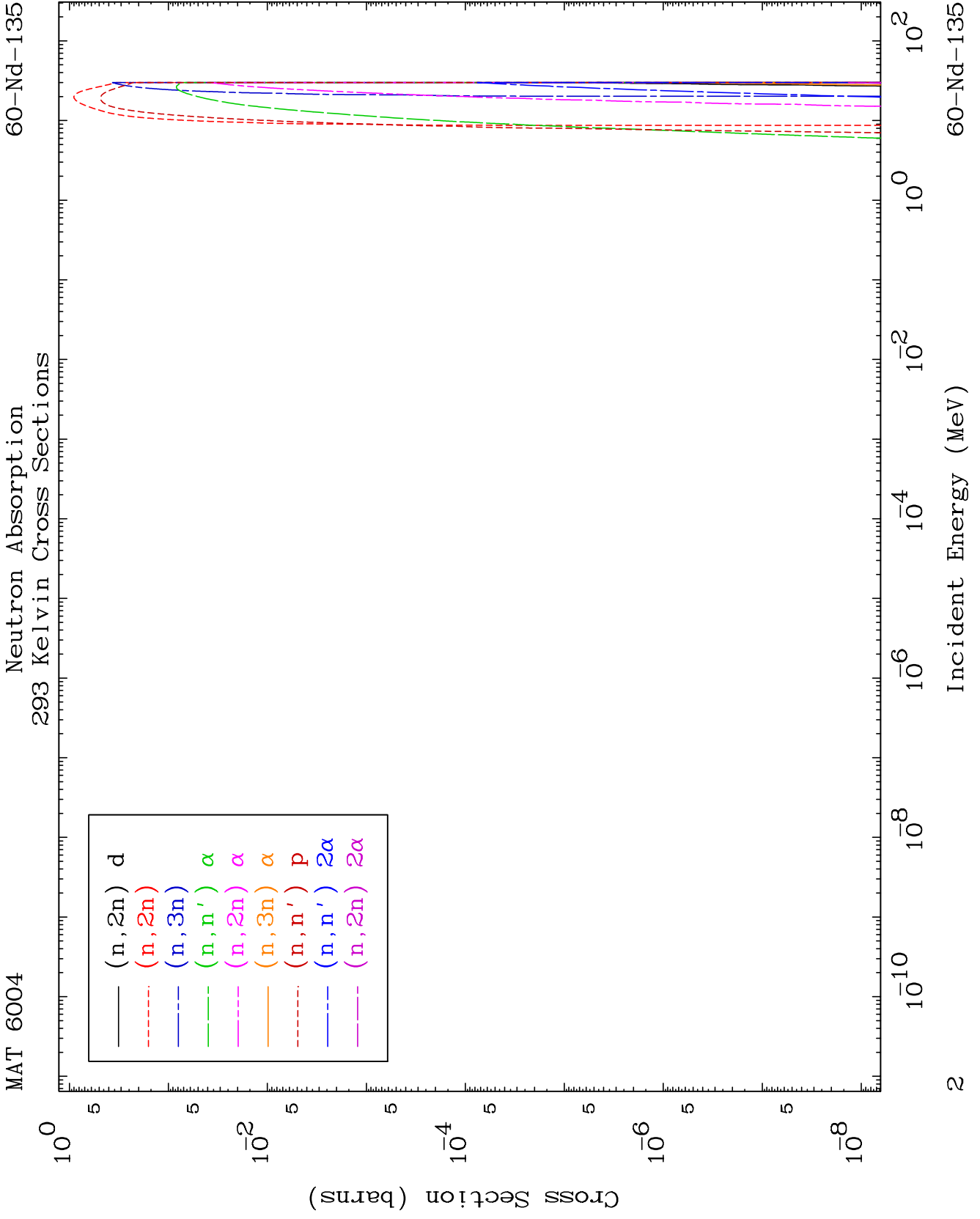
Press Mouse Button to Start

MAT 6004

Neutron Major  
293 Kelvin Cross Sections

60-Nd-135

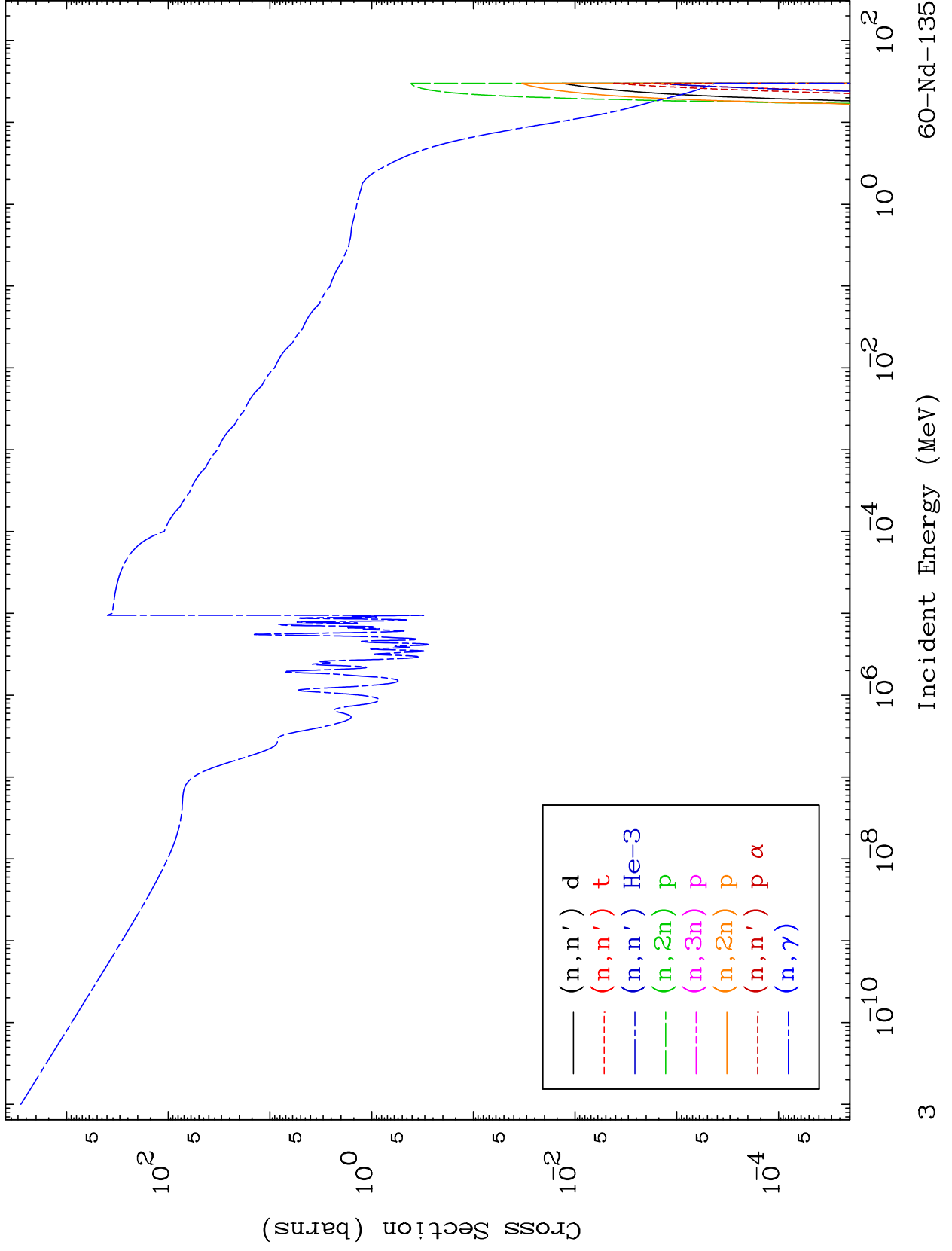


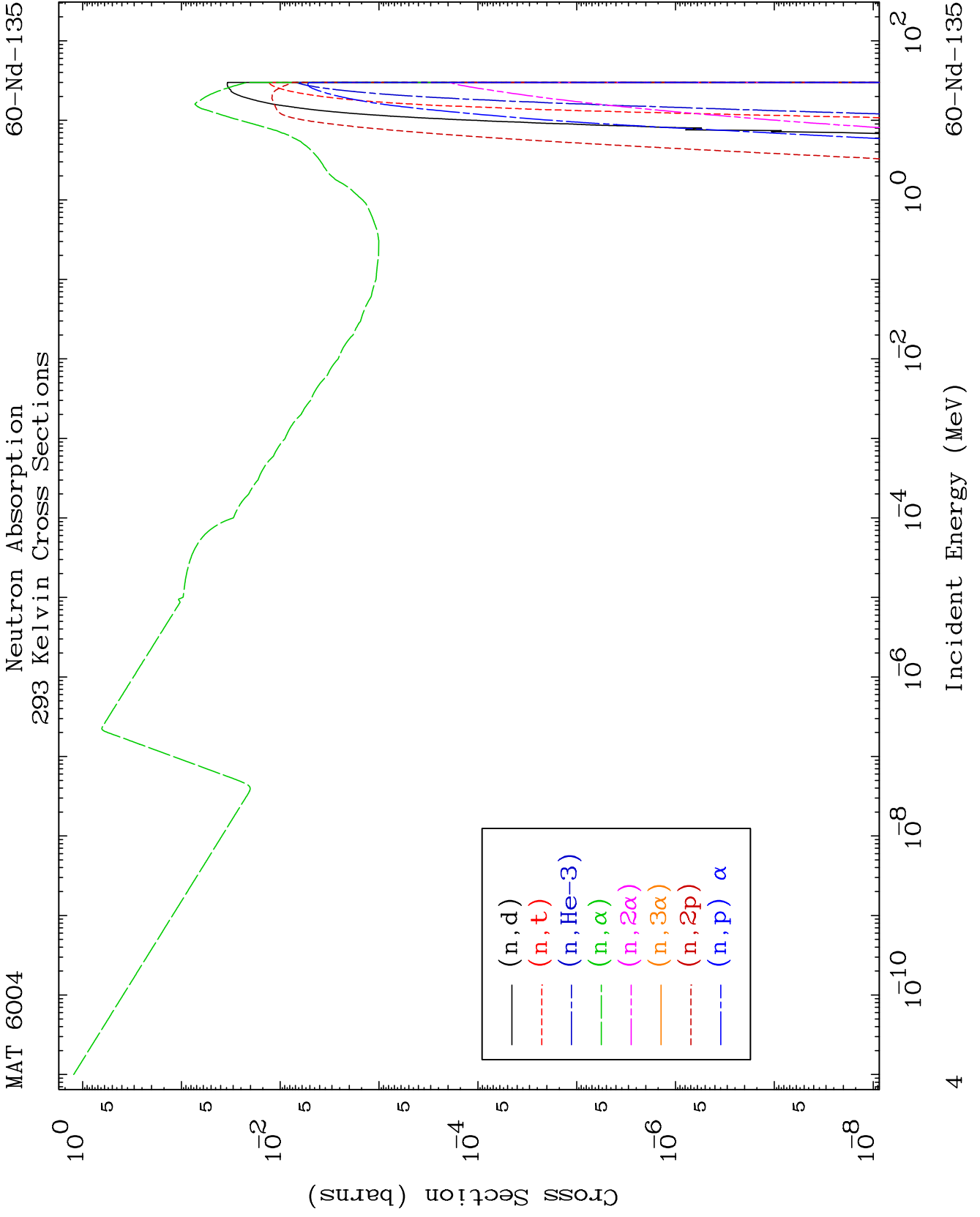


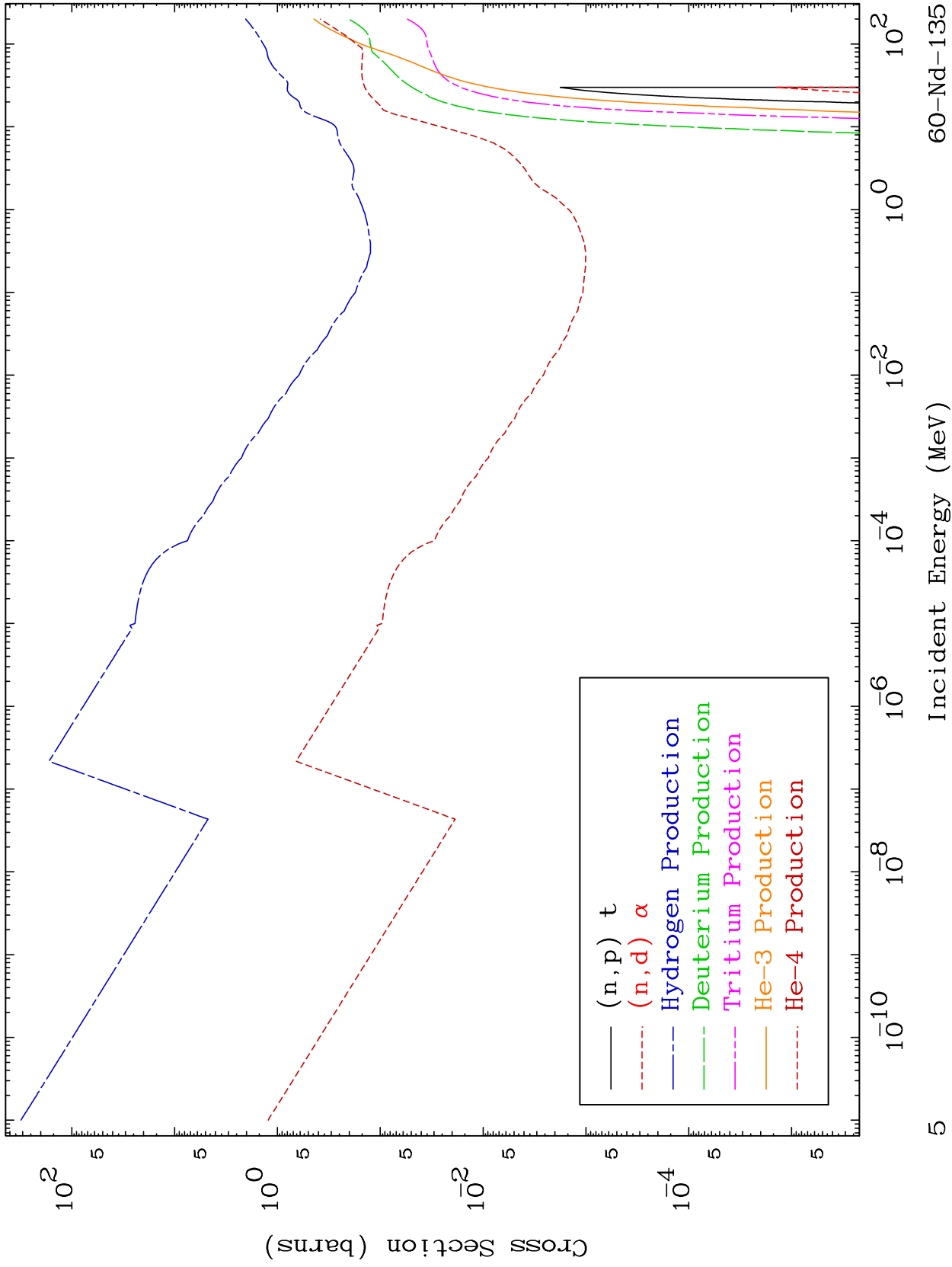
MAT 6004

Neutron Absorption  
293 Kelvin Cross Sections

60-Nd-135



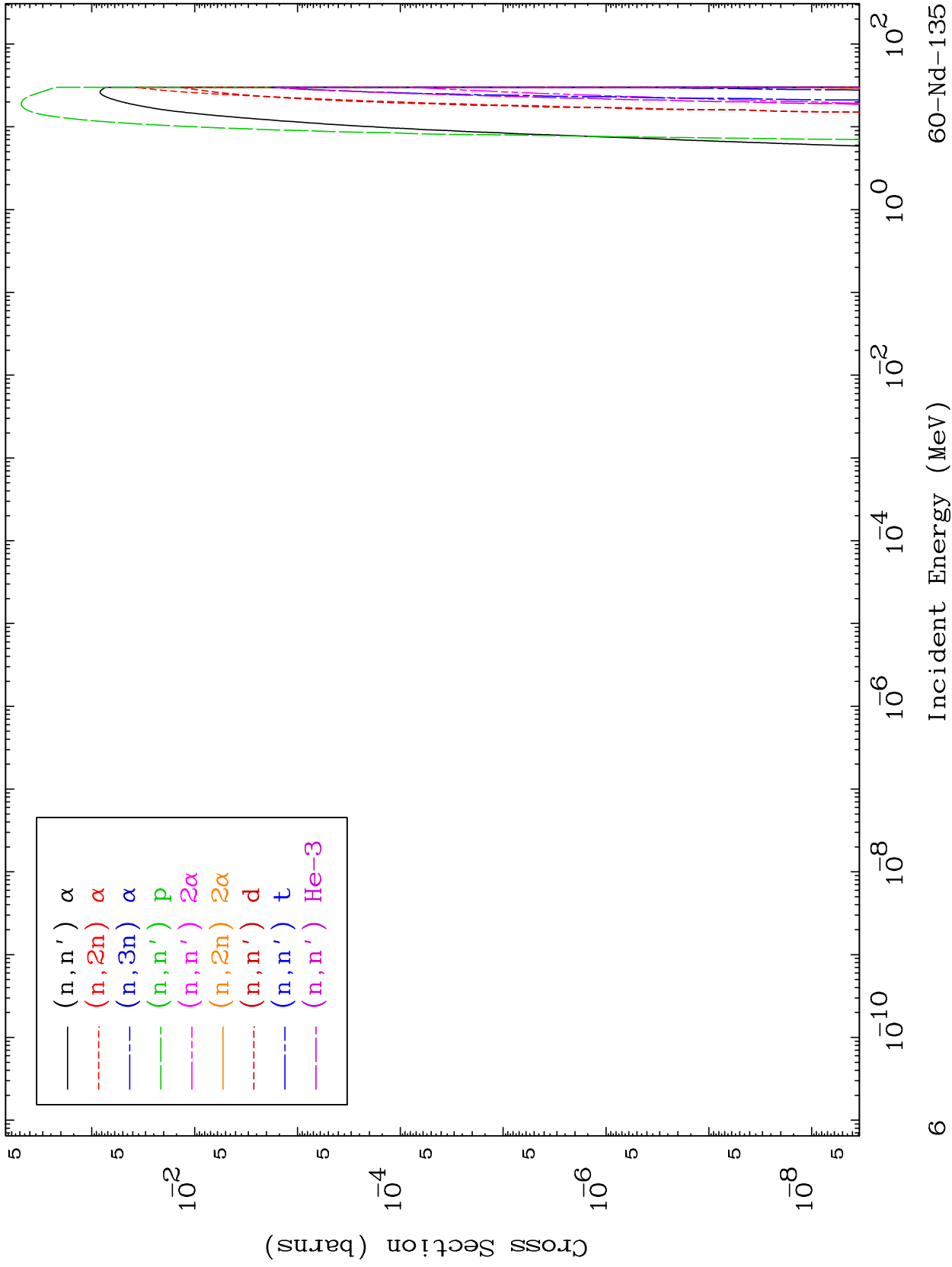




MAT 6004

Charged Particle  
293 Kelvin Cross Sections

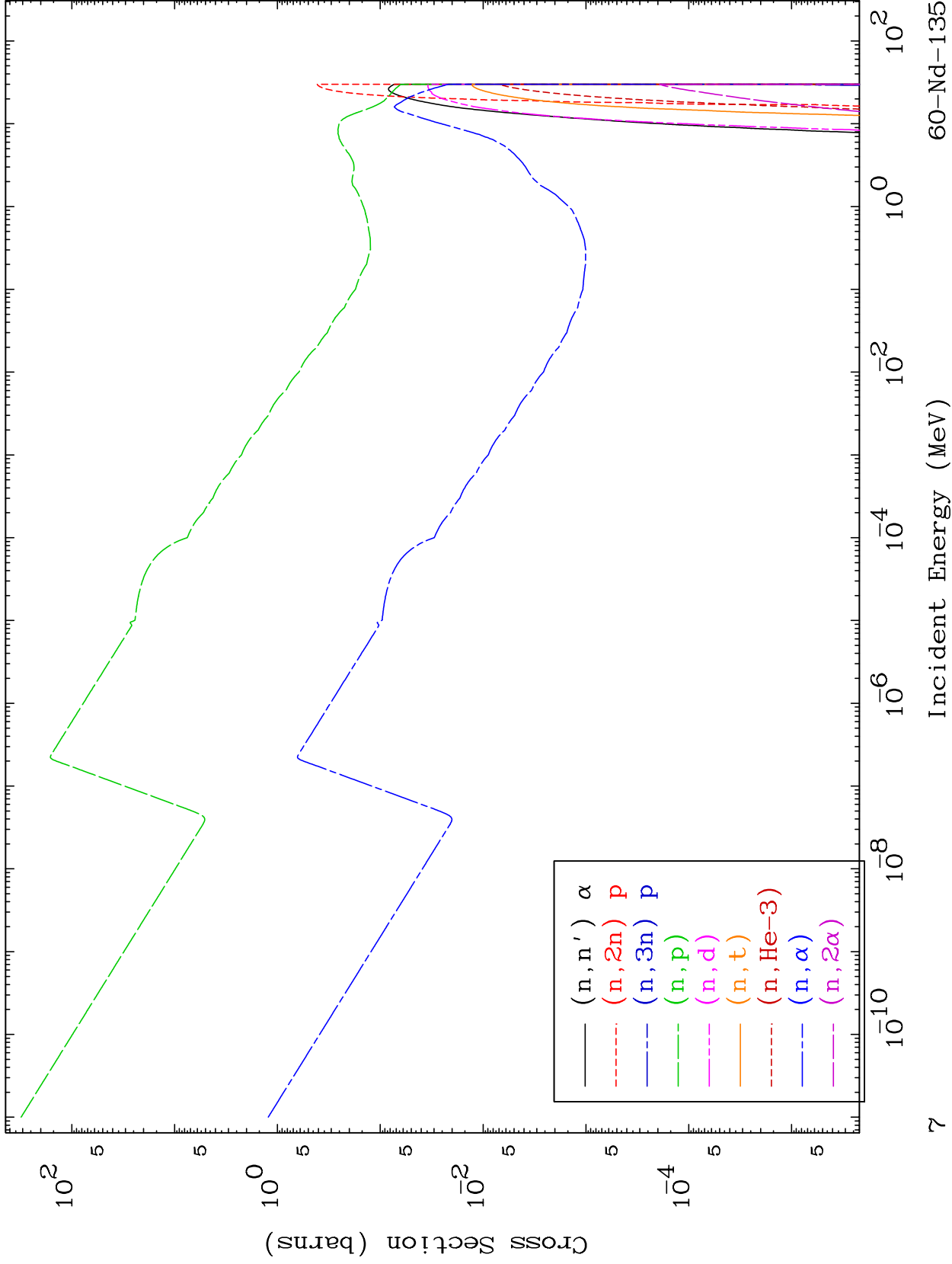
60-Nd-135



MAT 6004

Charged Particle  
293 Kelvin Cross Sections

60-Nd-135

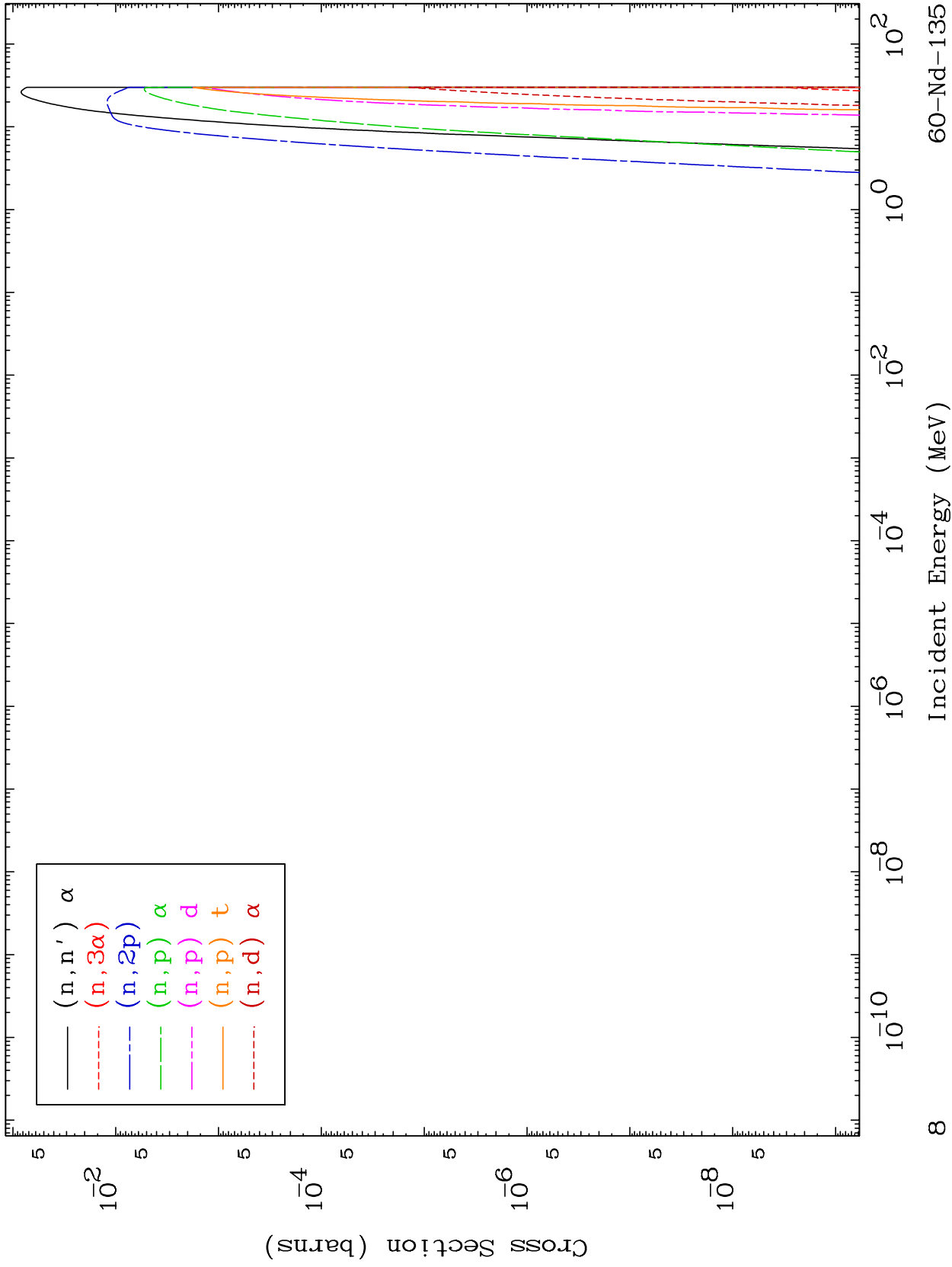




MAT 6004

Charged Particle  
293 Kelvin Cross Sections

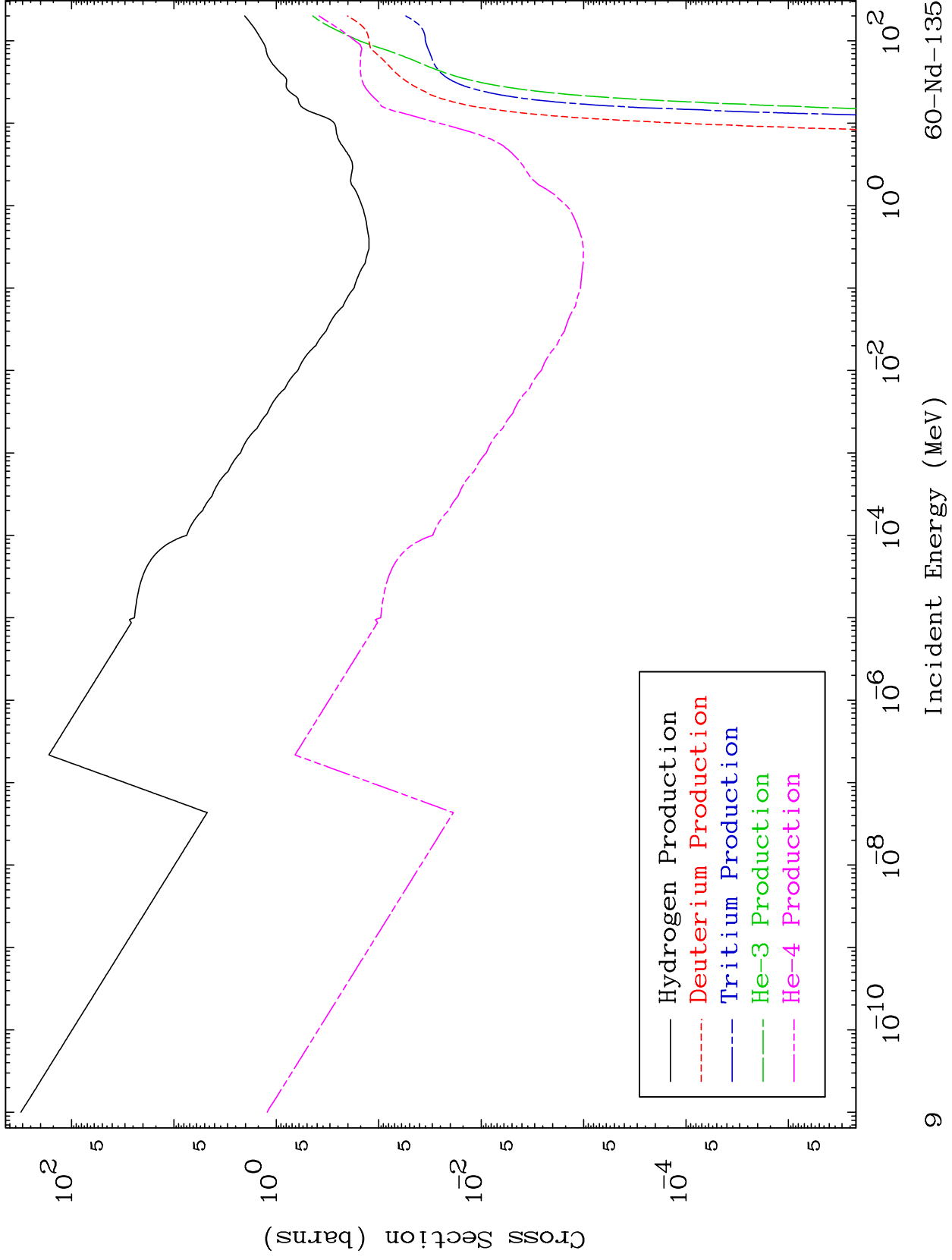
60-Nd-135

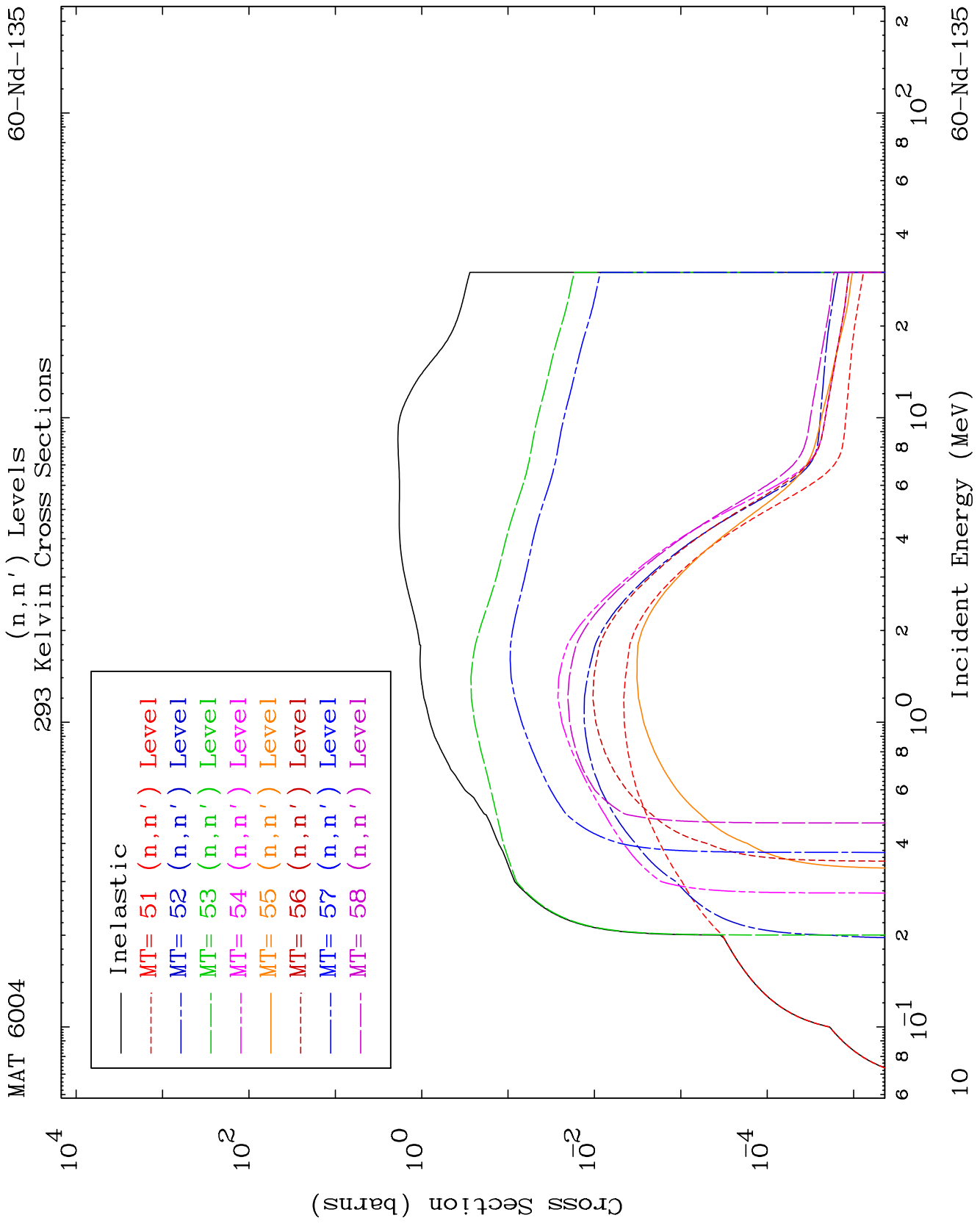


MAT 6004

Particle Production  
293 Kelvin Cross Sections

60-Nd-135

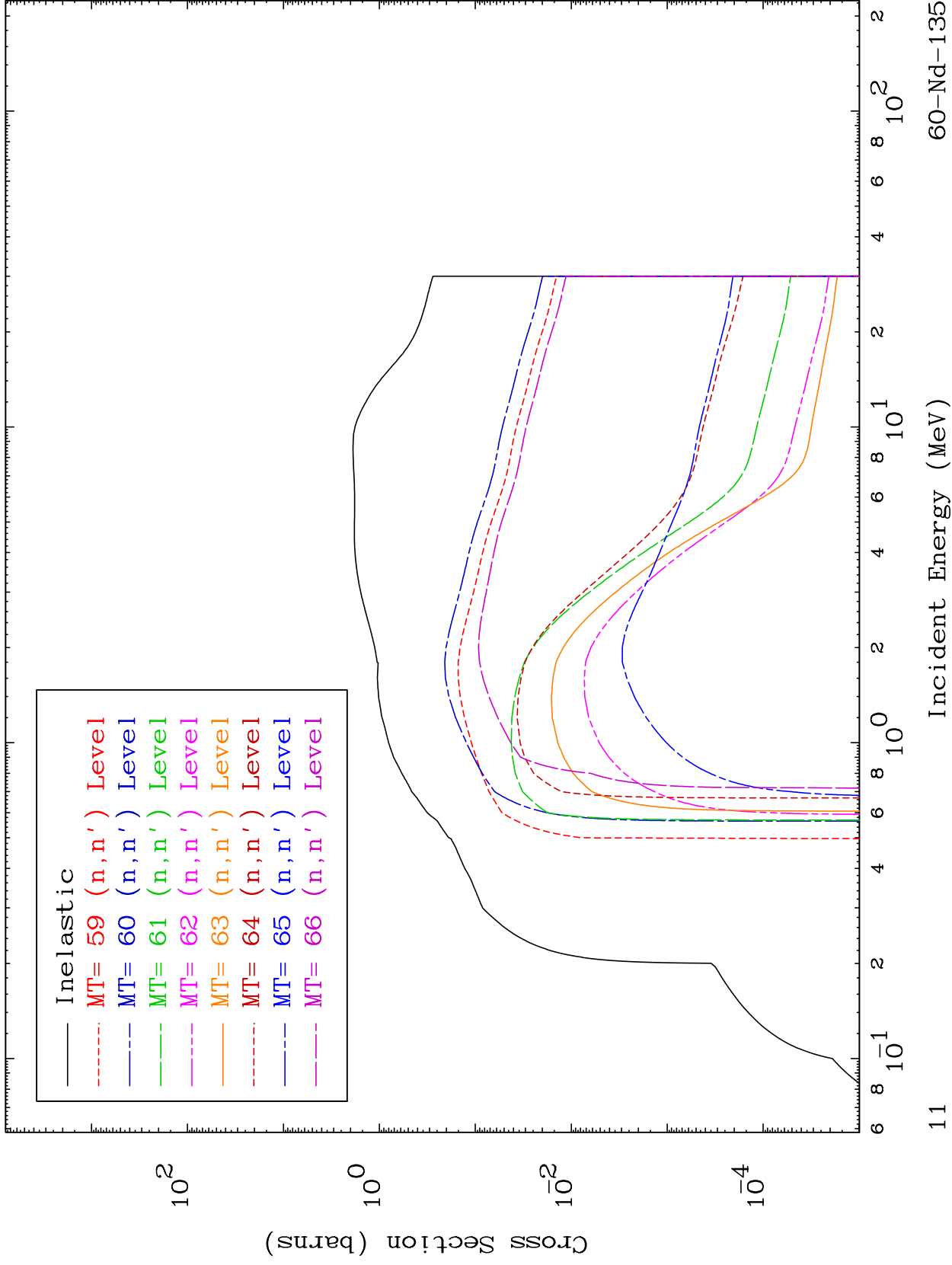




MAT 6004

(n,n') Levels  
293 Kelvin Cross Sections

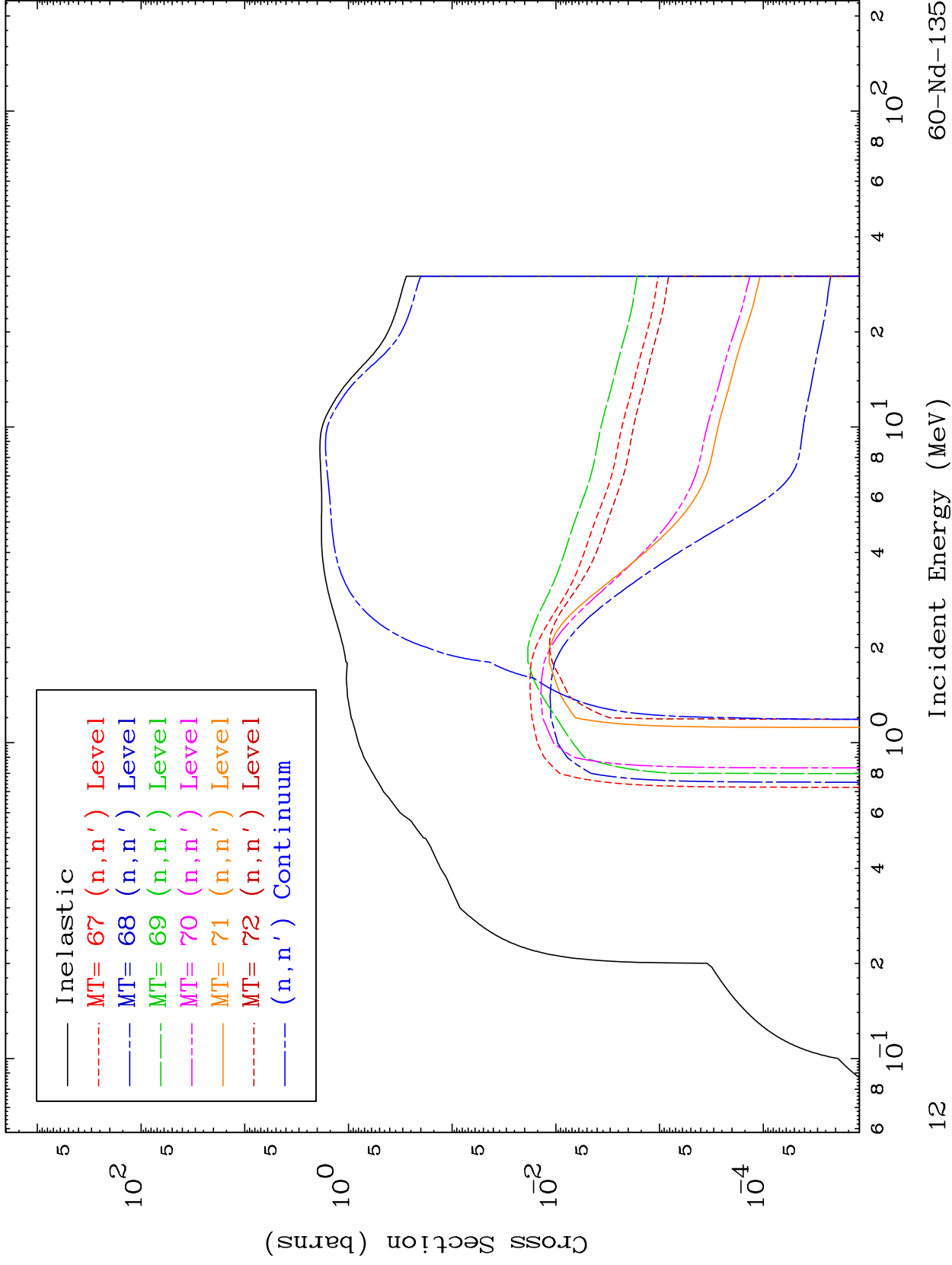
60-Nd-135



MAT 6004

(n,n') Levels  
293 Kelvin Cross Sections

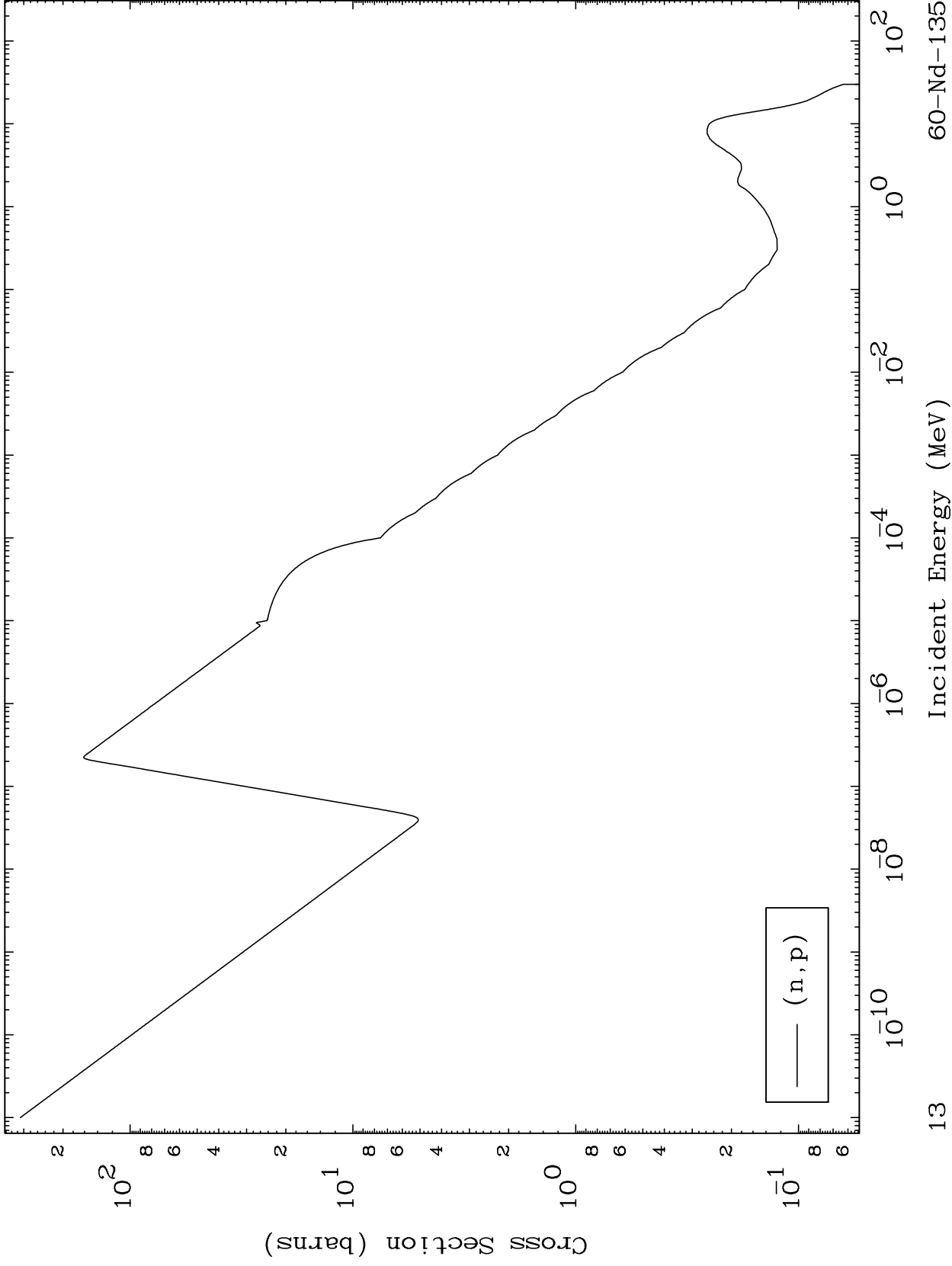
60-Nd-135



MAT 6004

(n,p) Levels  
293 Kelvin Cross Sections

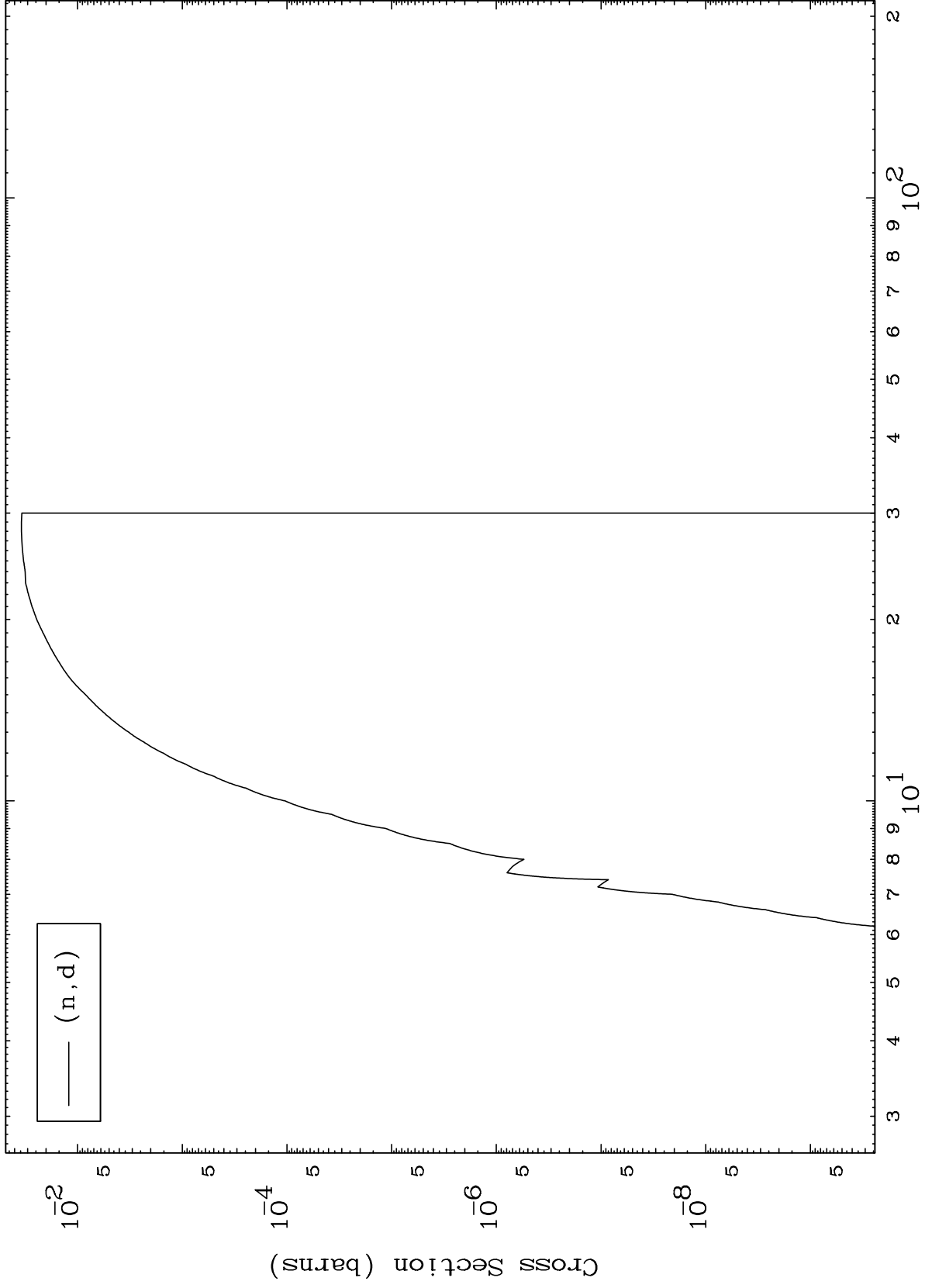
60-Nd-135



MAT 6004

(n,d) Levels  
293 Kelvin Cross Sections

60-Nd-135



14

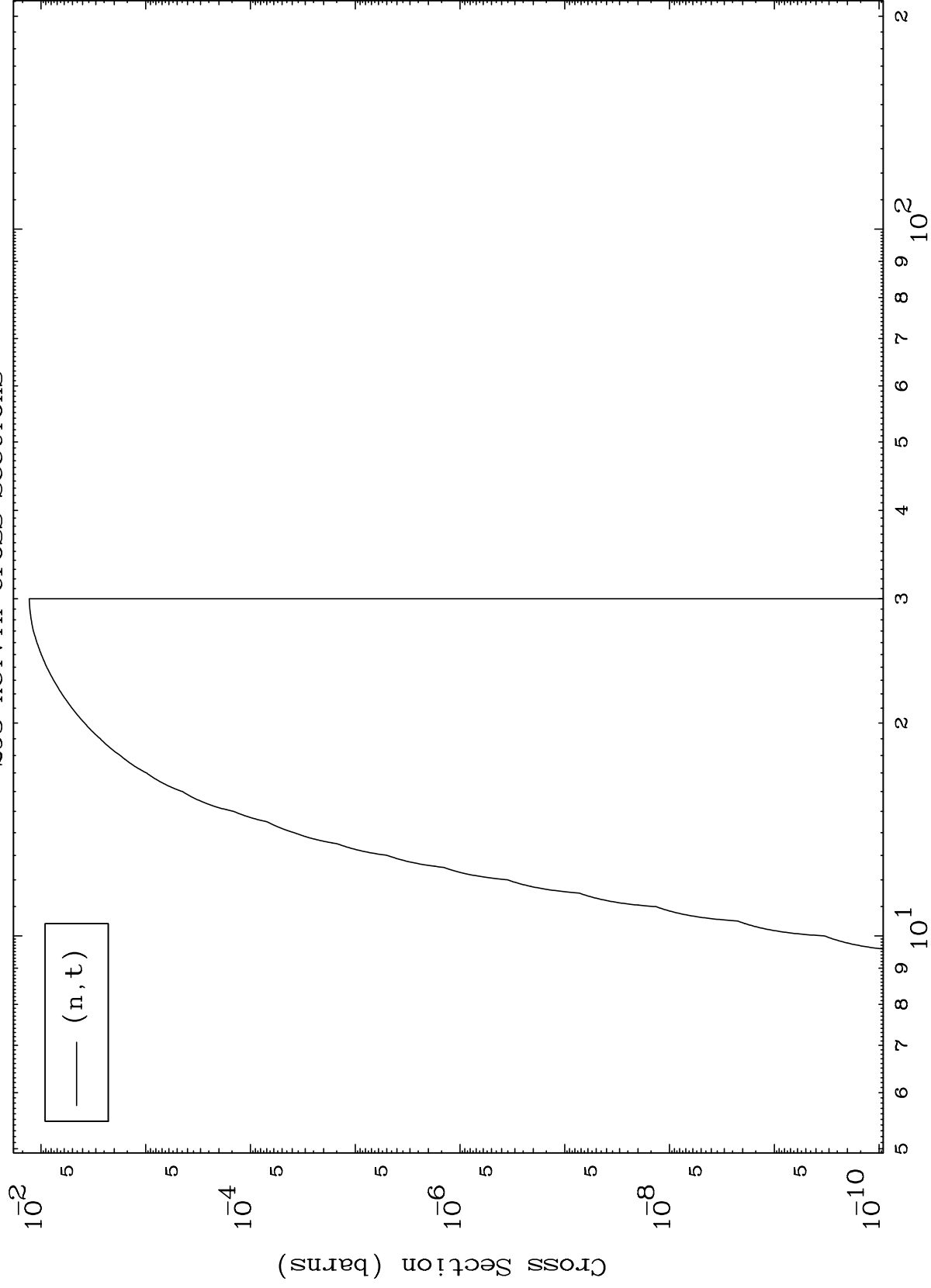
Incident Energy (MeV)

60-Nd-135

MAT 6004

(n,t) Levels  
293 Kelvin Cross Sections

60-Nd-135



15

Incident Energy (MeV)

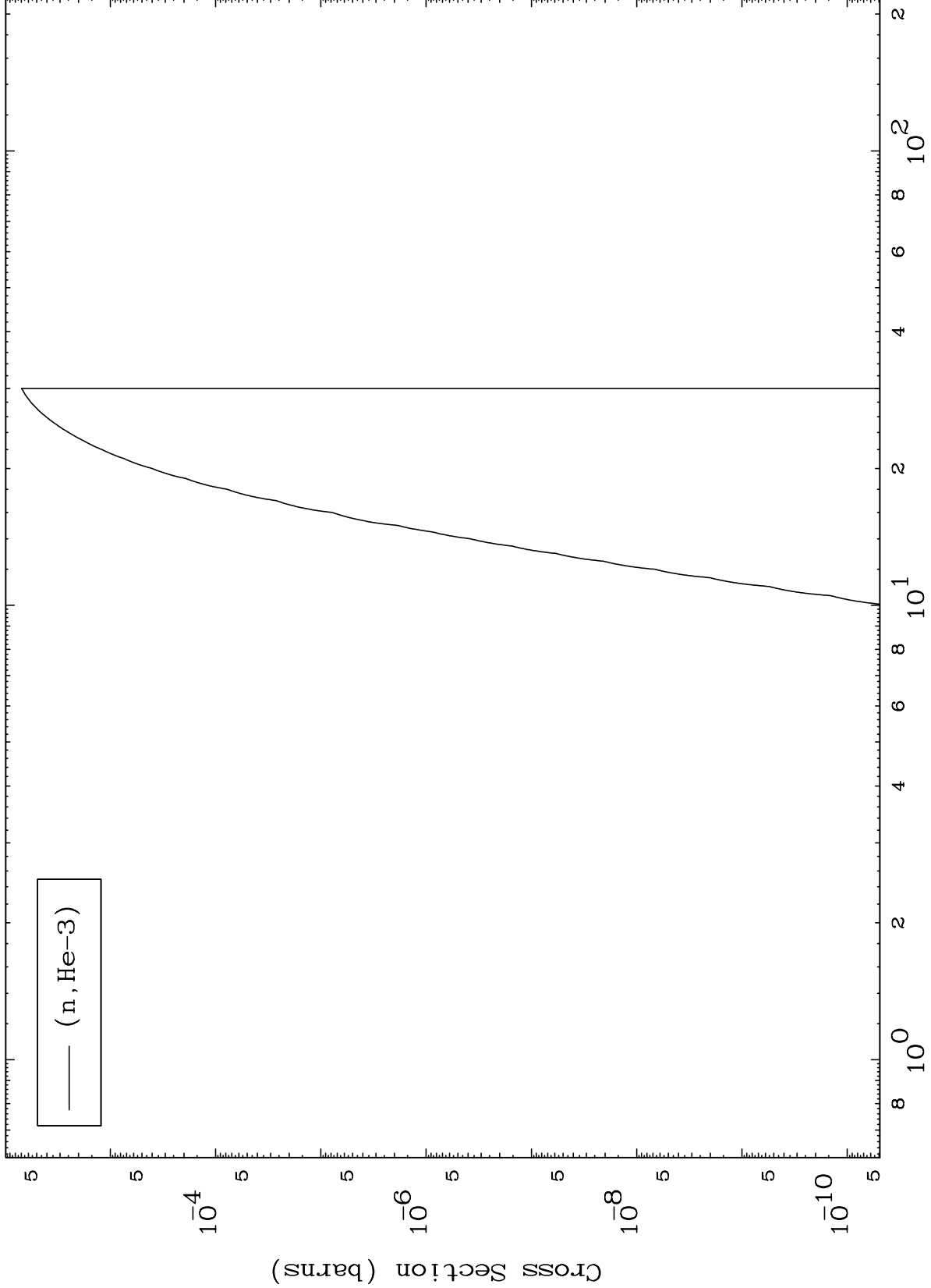
60-Nd-135



MAT 6004

(n,He3) Levels  
293 Kelvin Cross Sections

60-Nd-135



16

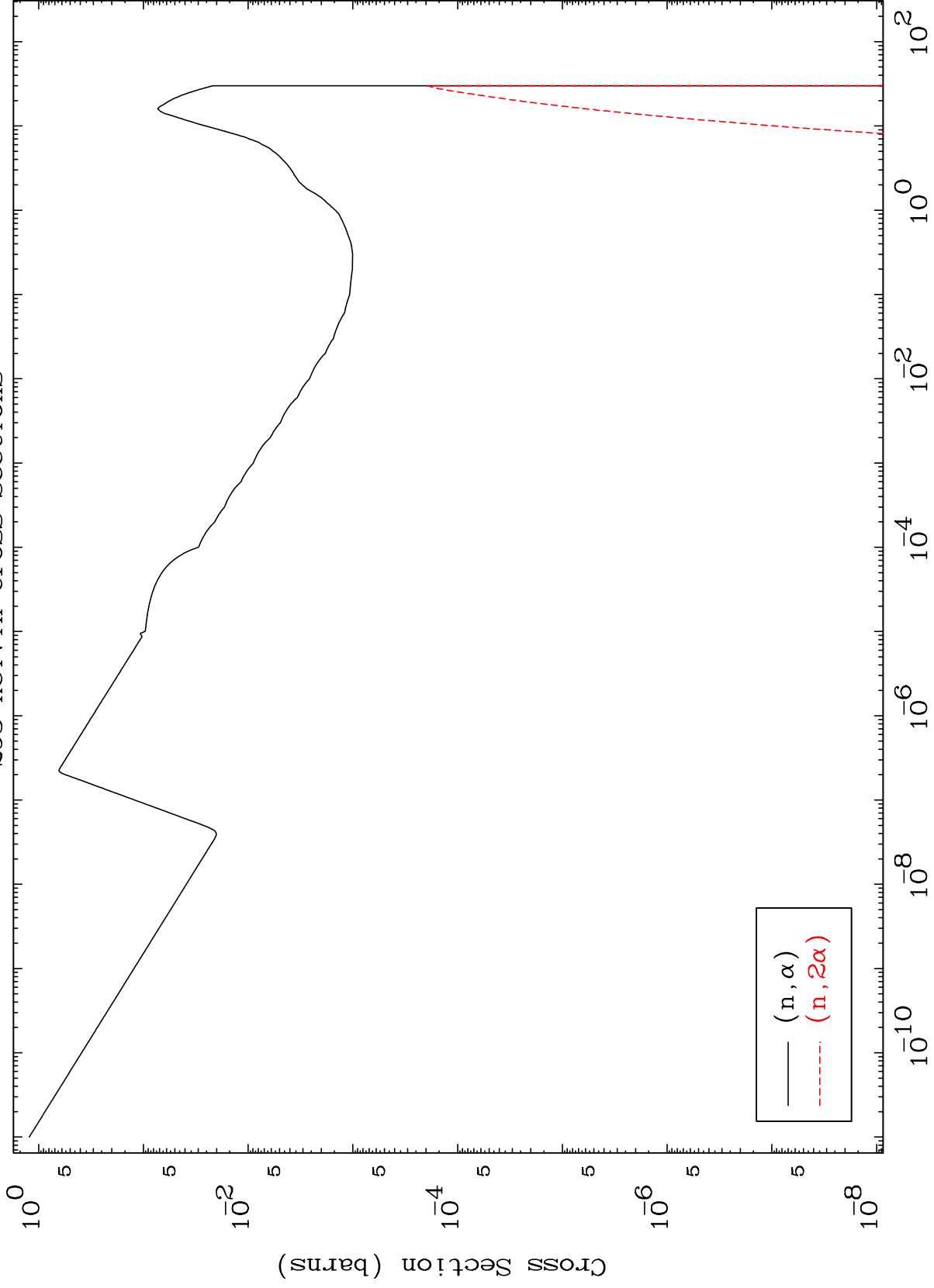
Incident Energy (MeV)

60-Nd-135

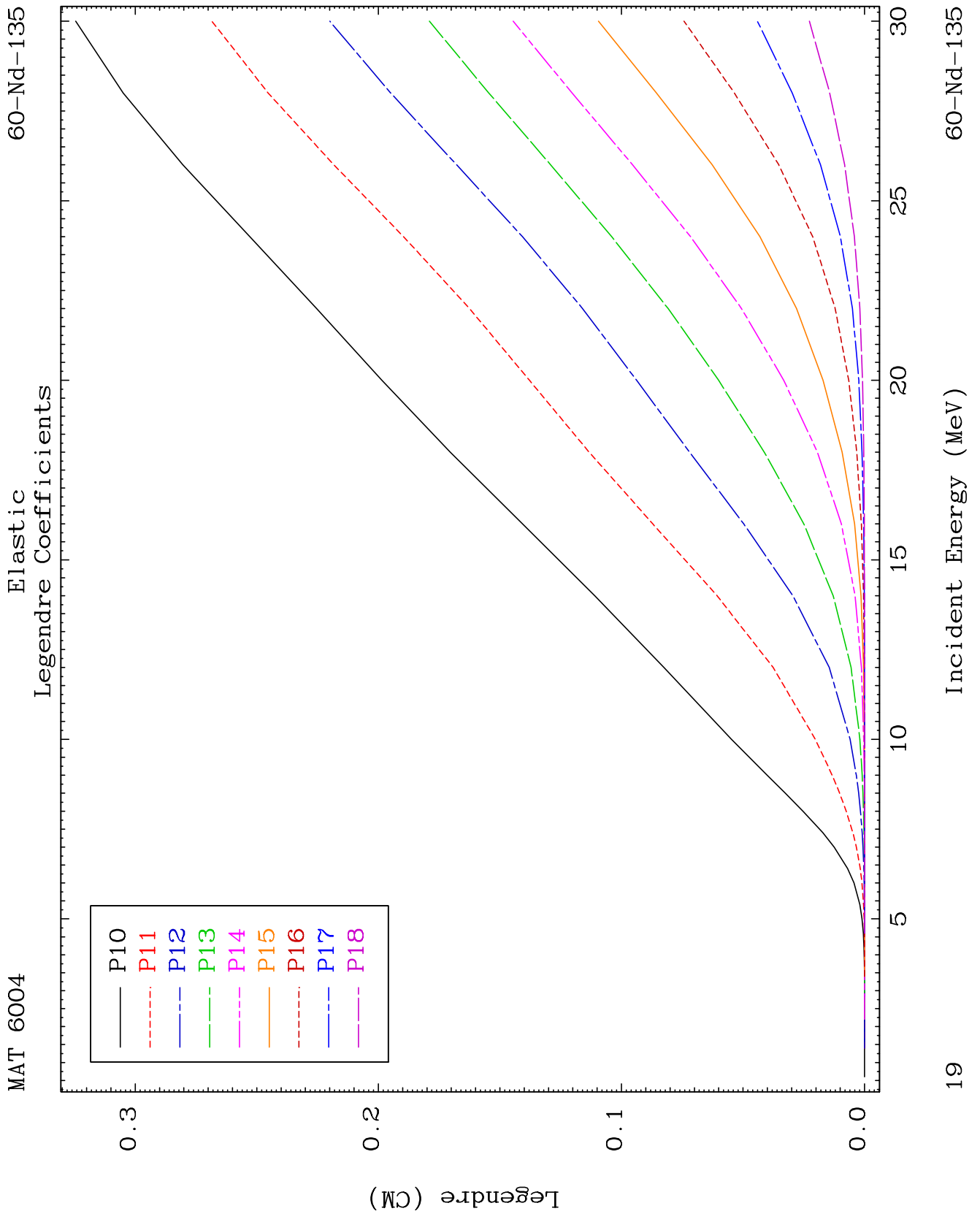
MAT 6004

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

60-Nd-135



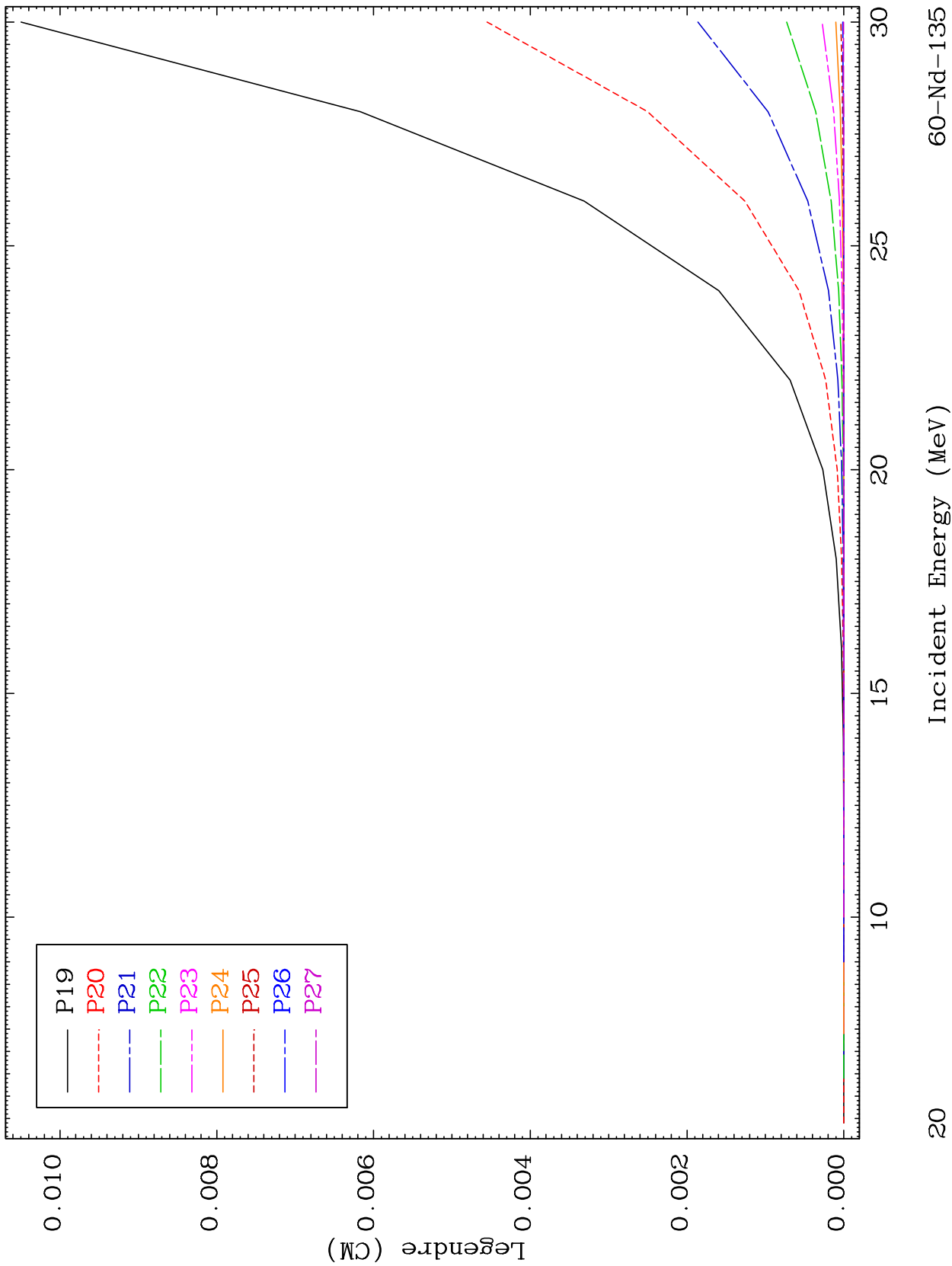




MAT 6004

### Elastic Legendre Coefficients

<sup>60</sup>Nd-135



20

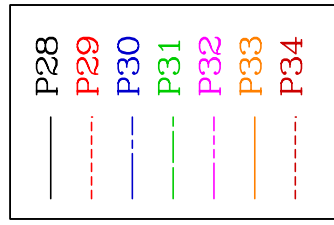
Incident Energy (MeV)

<sup>60</sup>Nd-135

MAT 6004

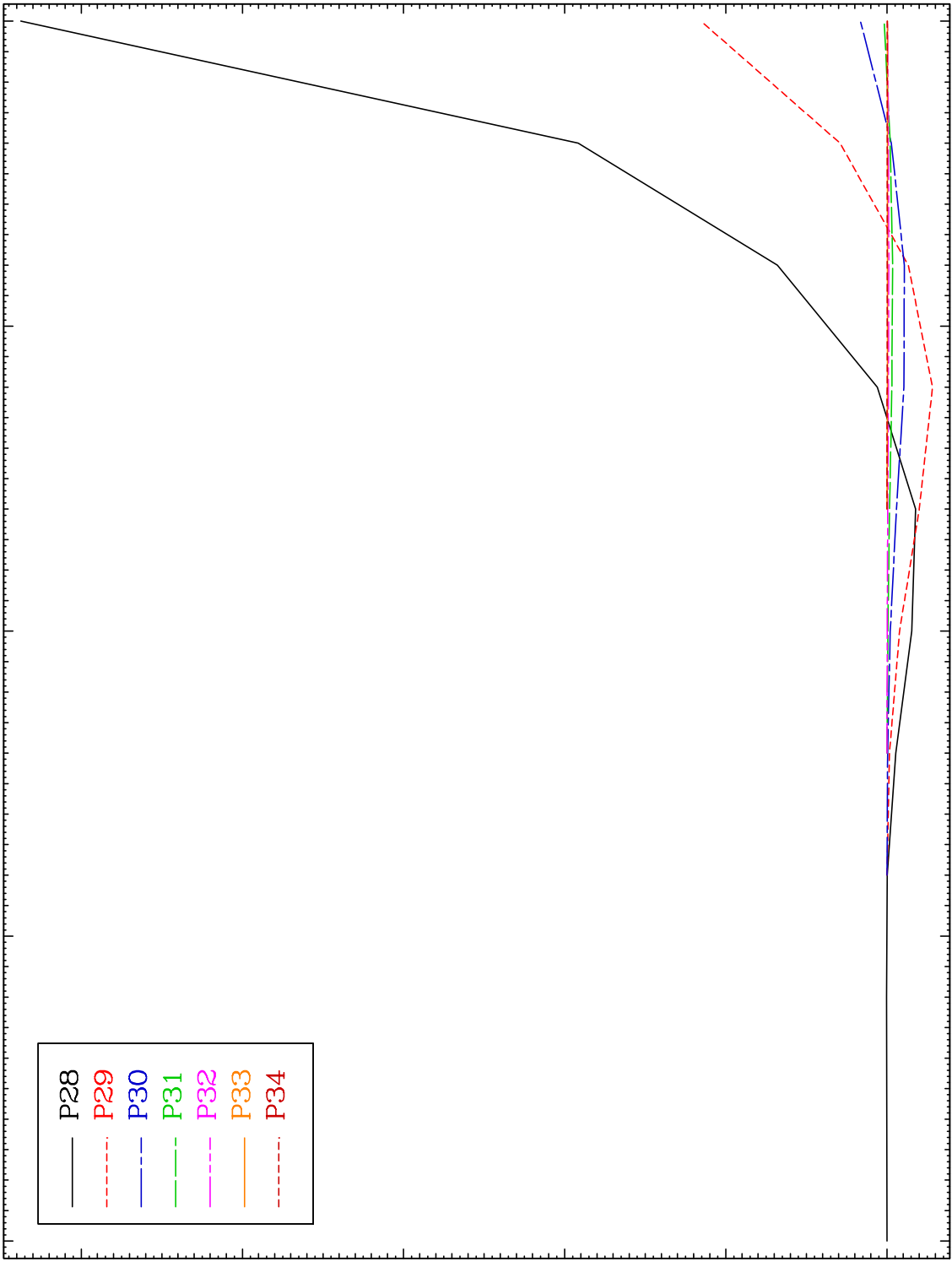
Elastic  
Legendre Coefficients

60-Nd-135



$\times 10^{-6}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

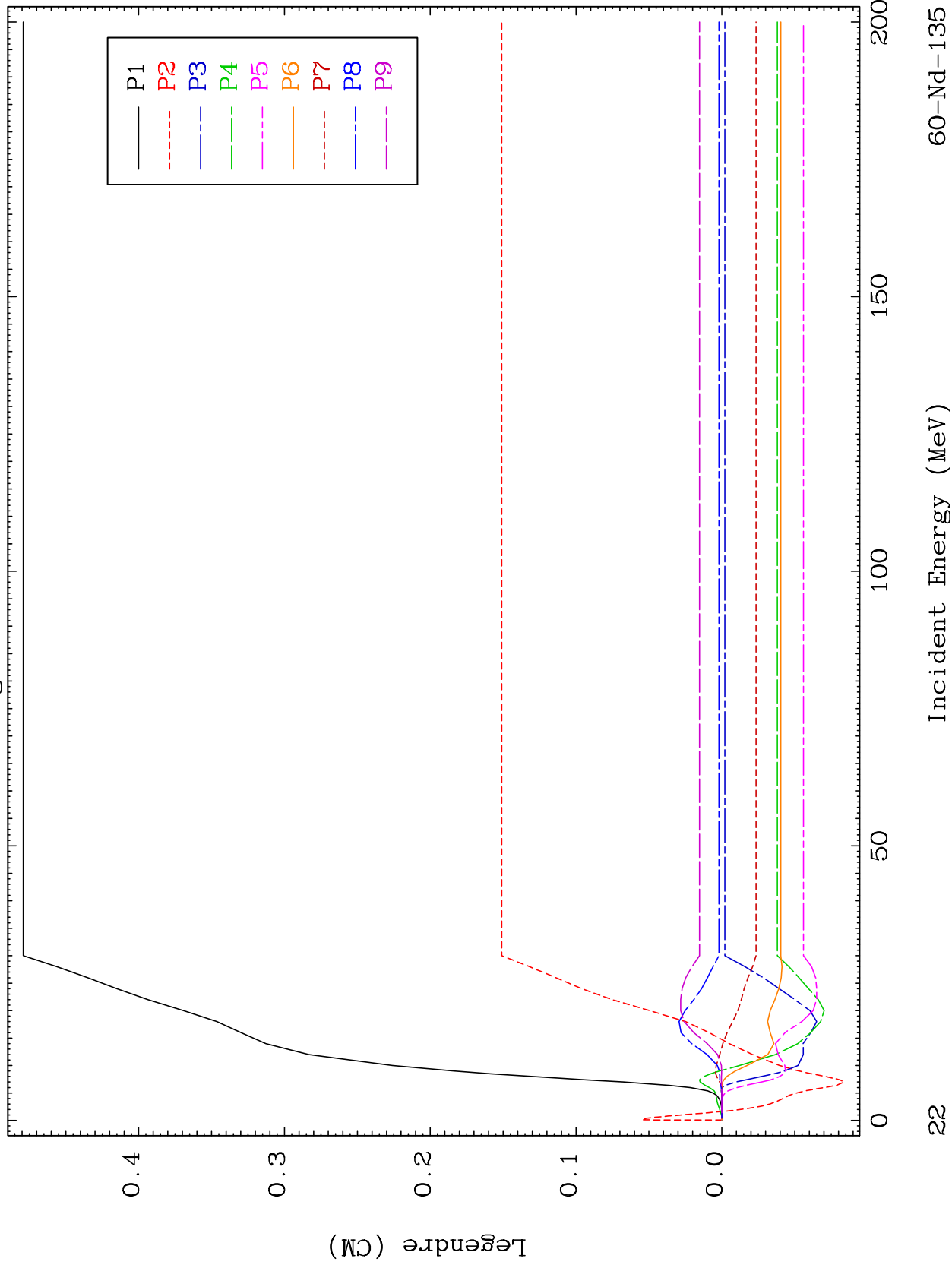
60-Nd-135

21

MAT 6004

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

60-Nd-135



22

Incident Energy (MeV)

60-Nd-135

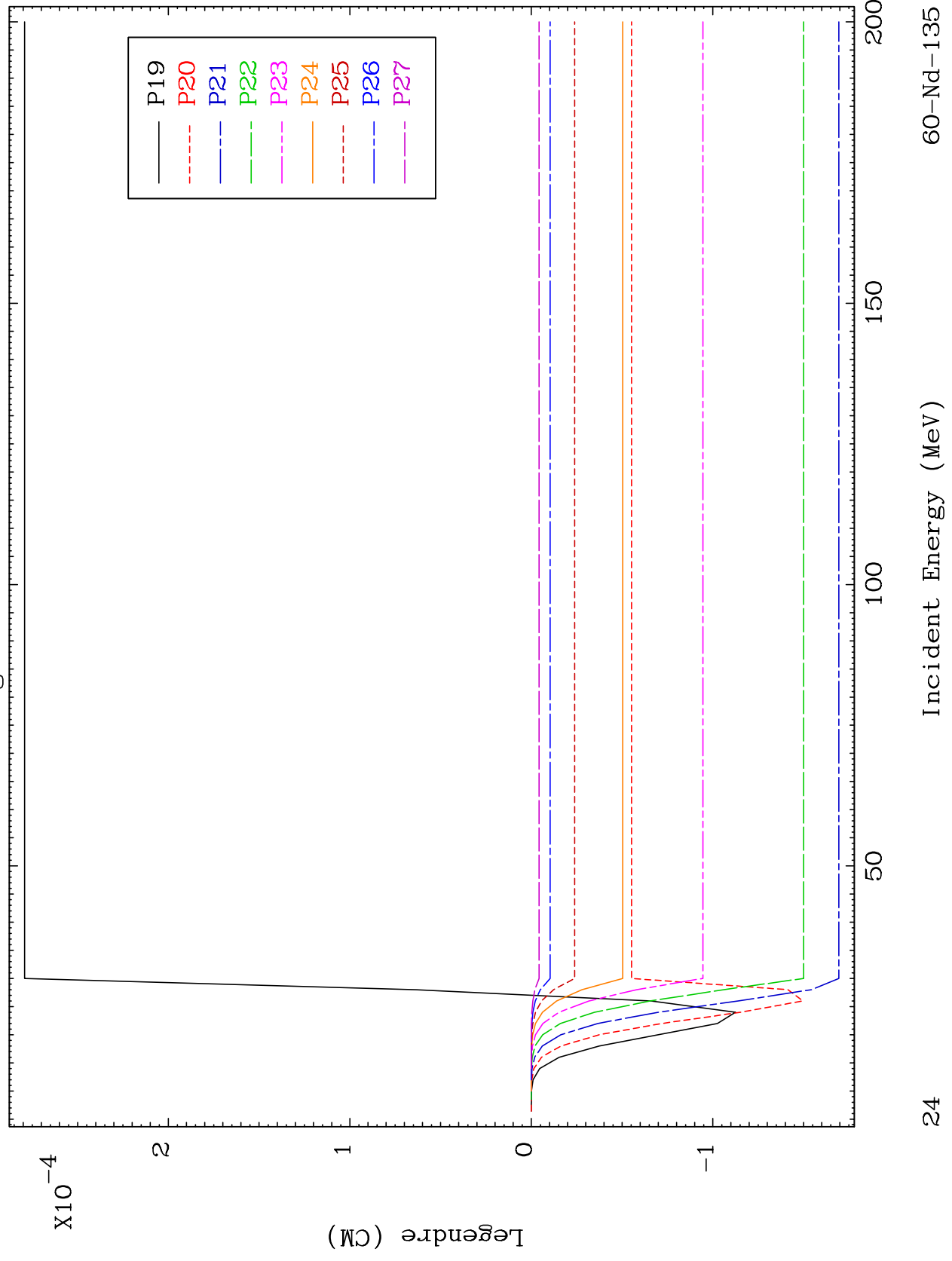


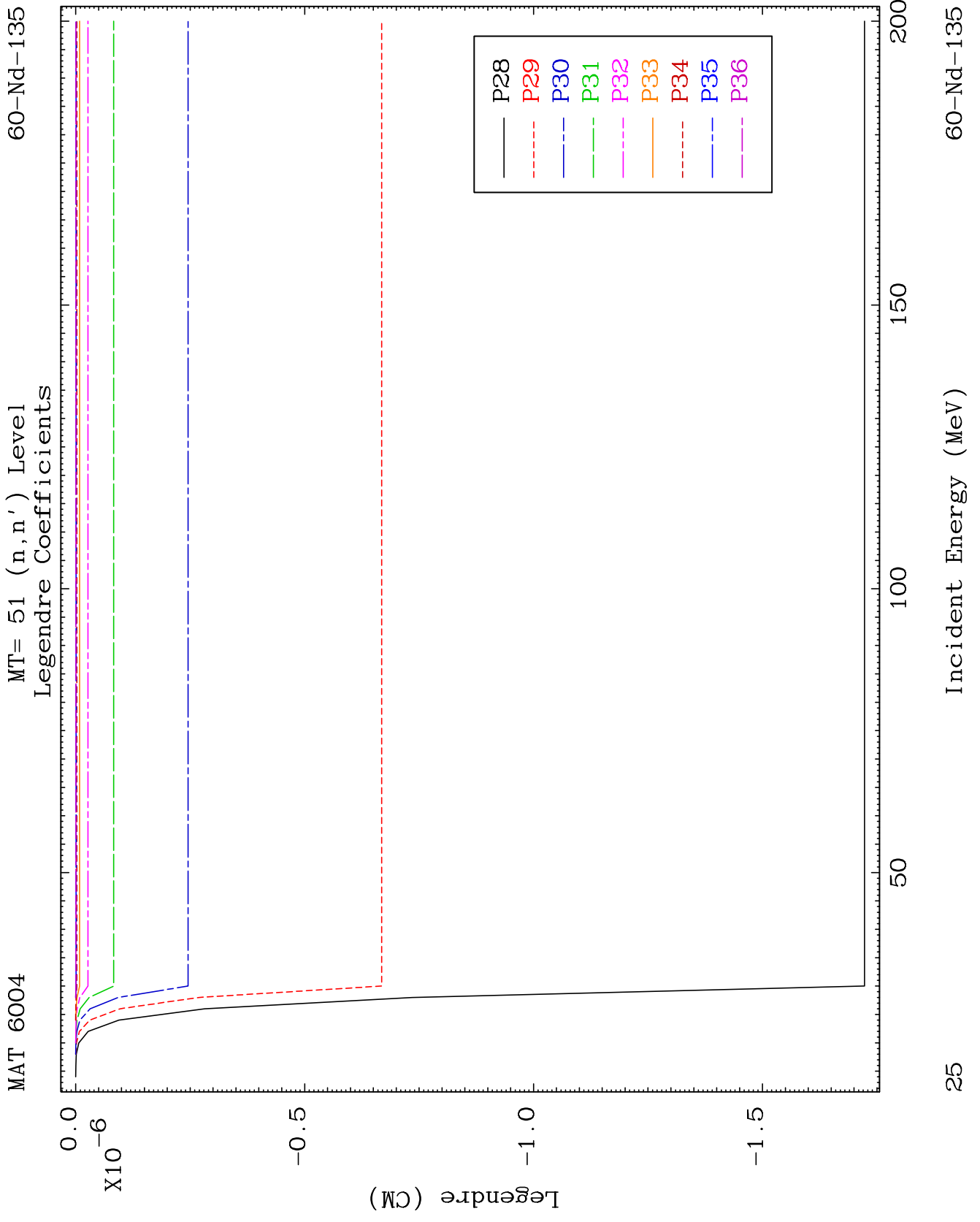


MAT 6004

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

60-Nd-135

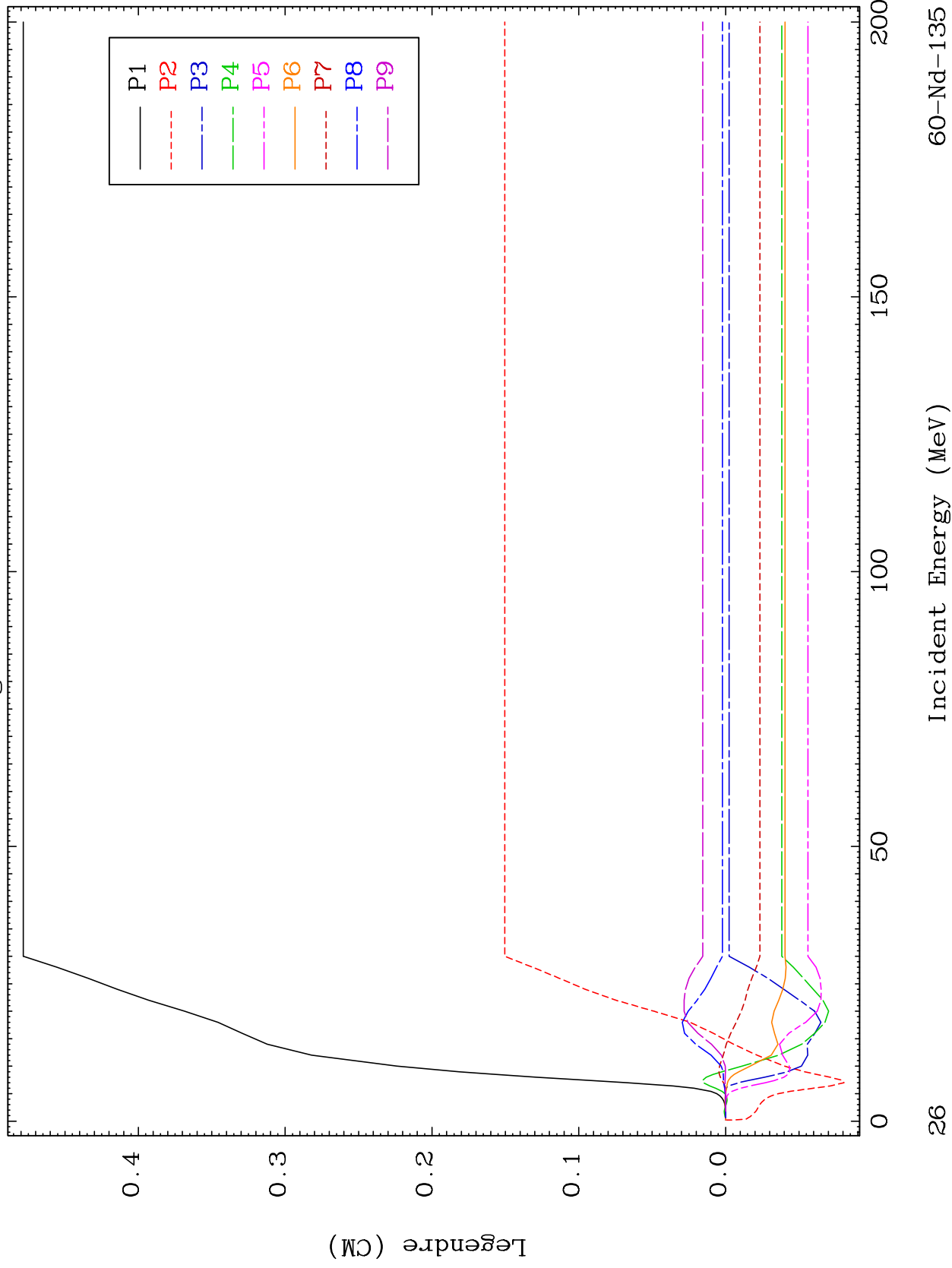




MAT 6004

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

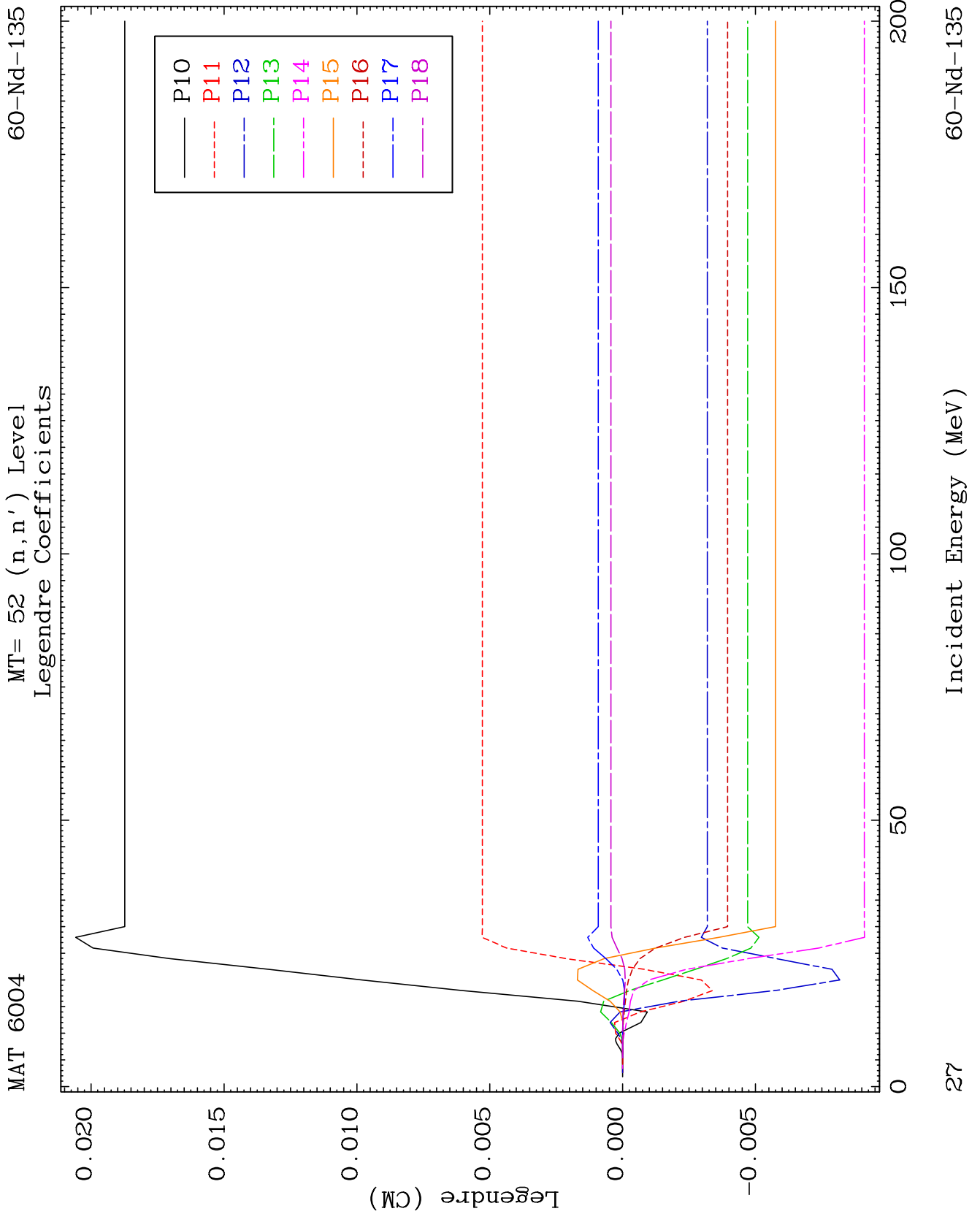
60-Nd-135



26

Incident Energy (MeV)

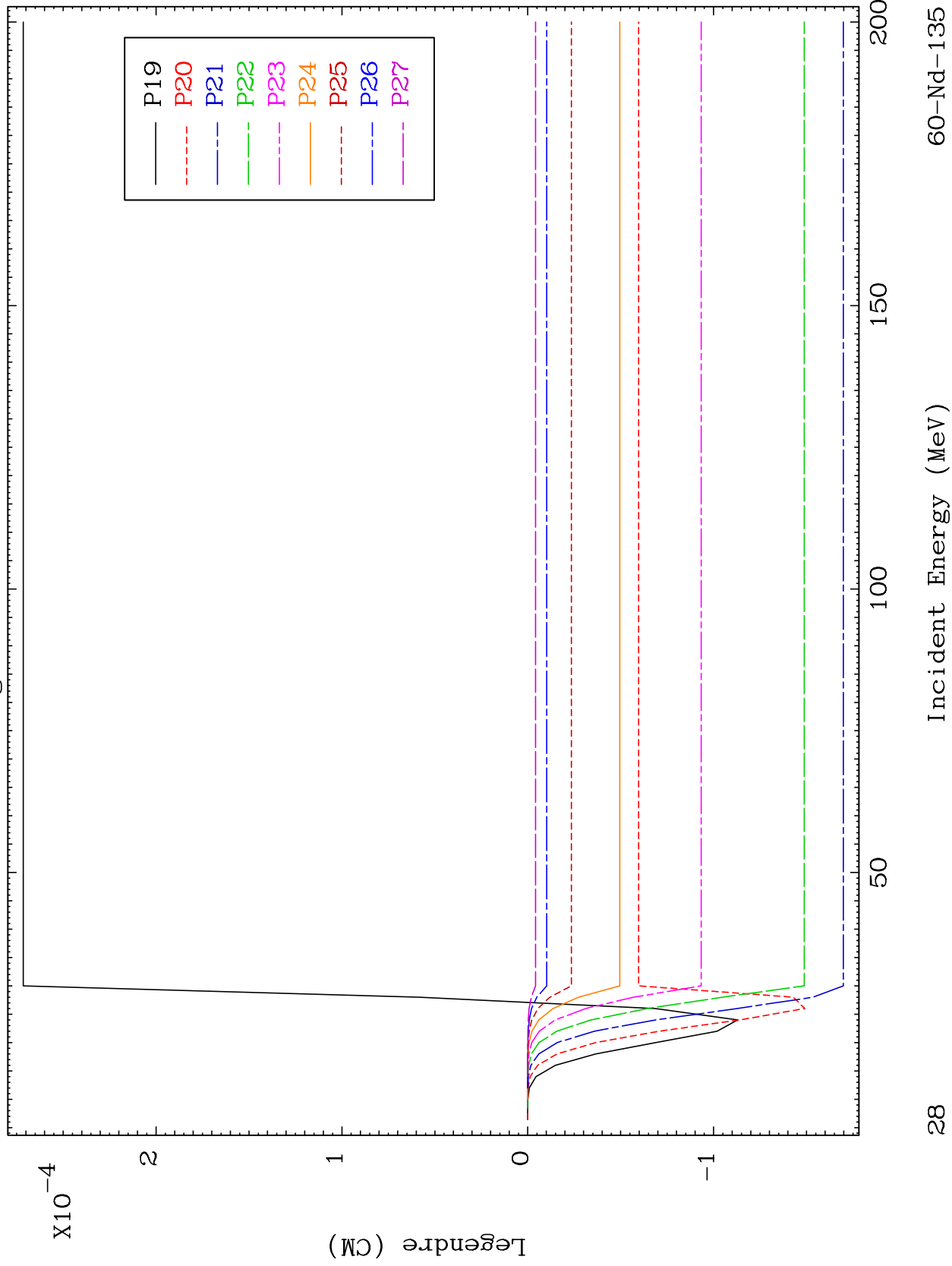
60-Nd-135



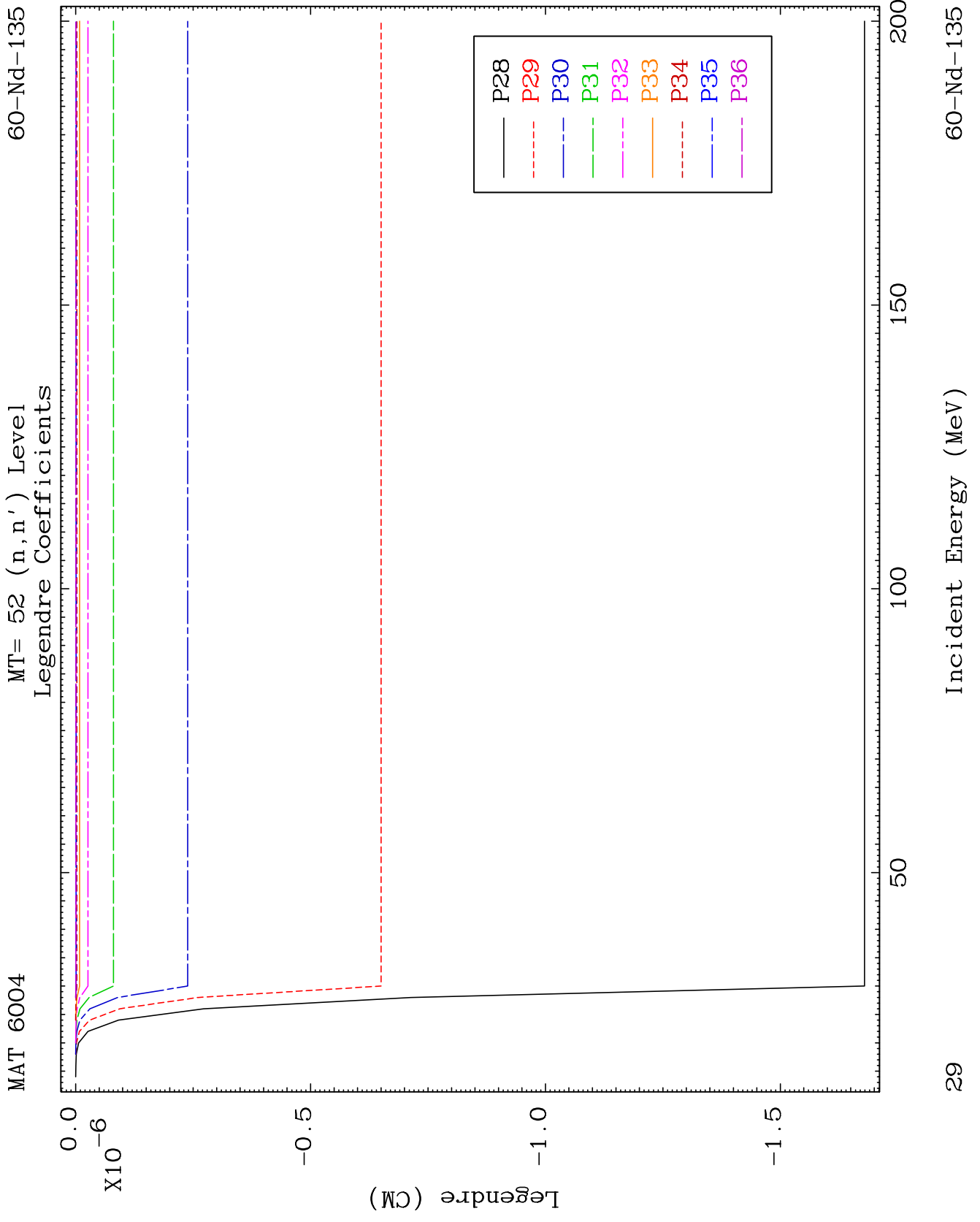
MAT 6004

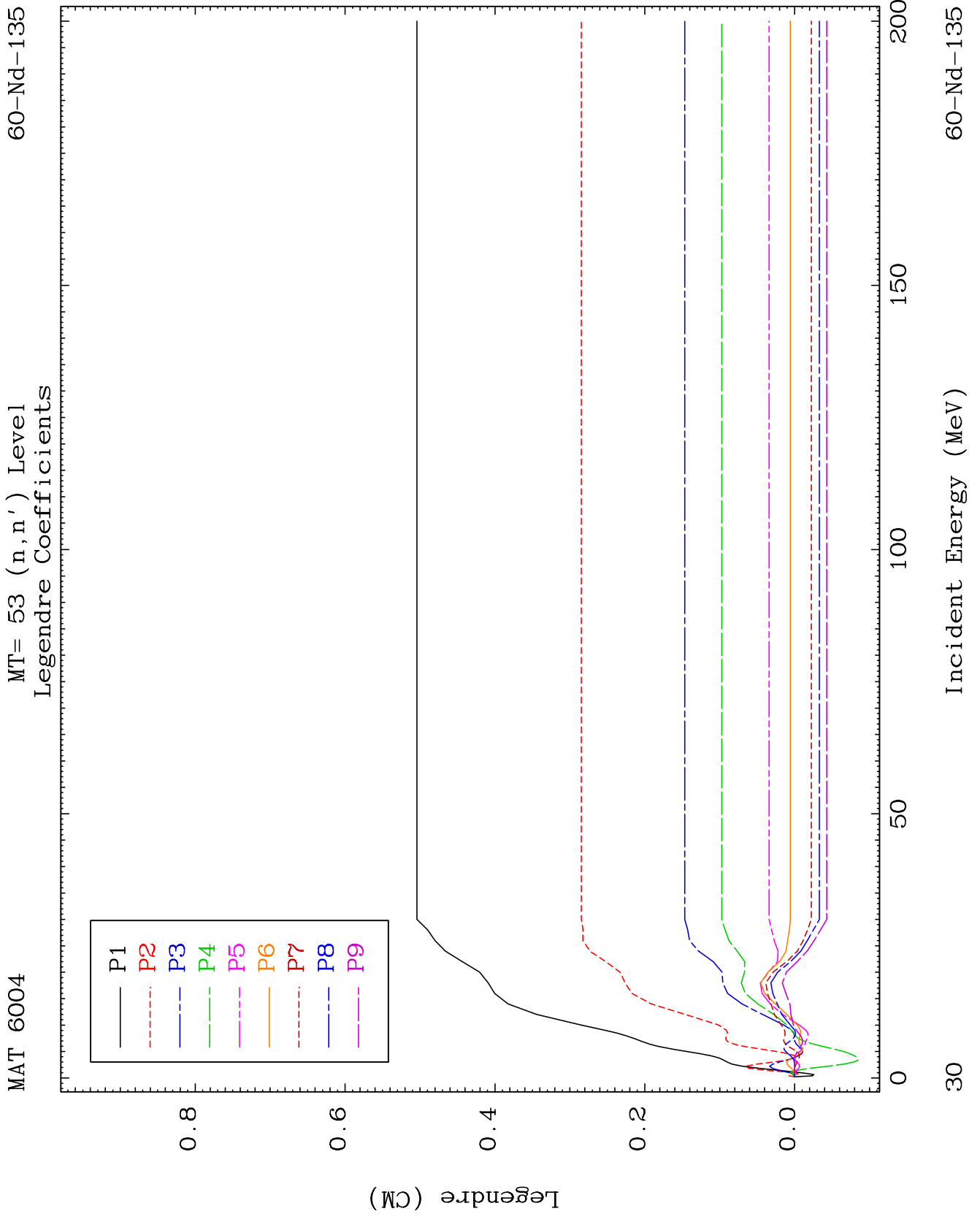
MT= 52 (n,n') Level  
Legendre Coefficients

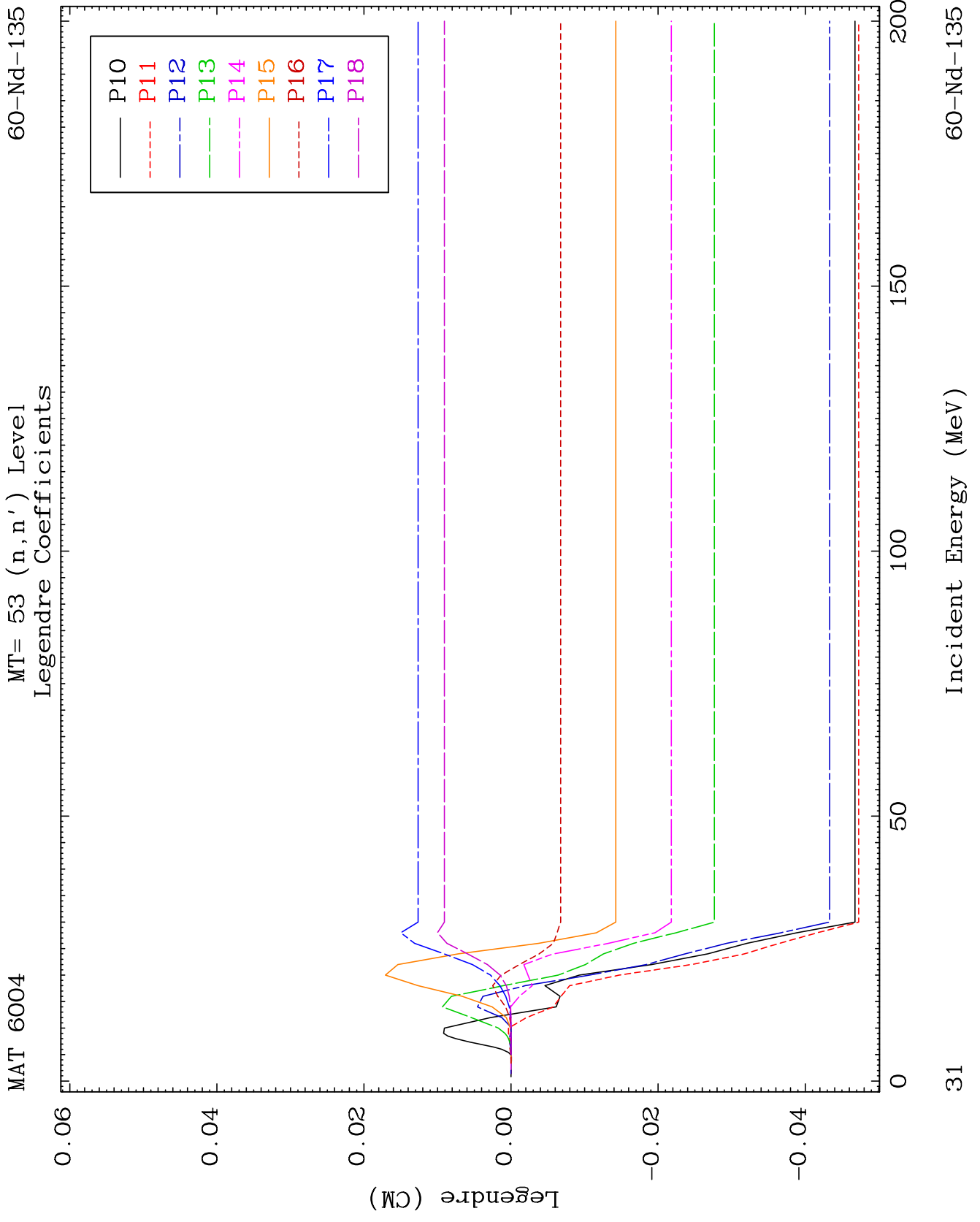
60-Nd-135



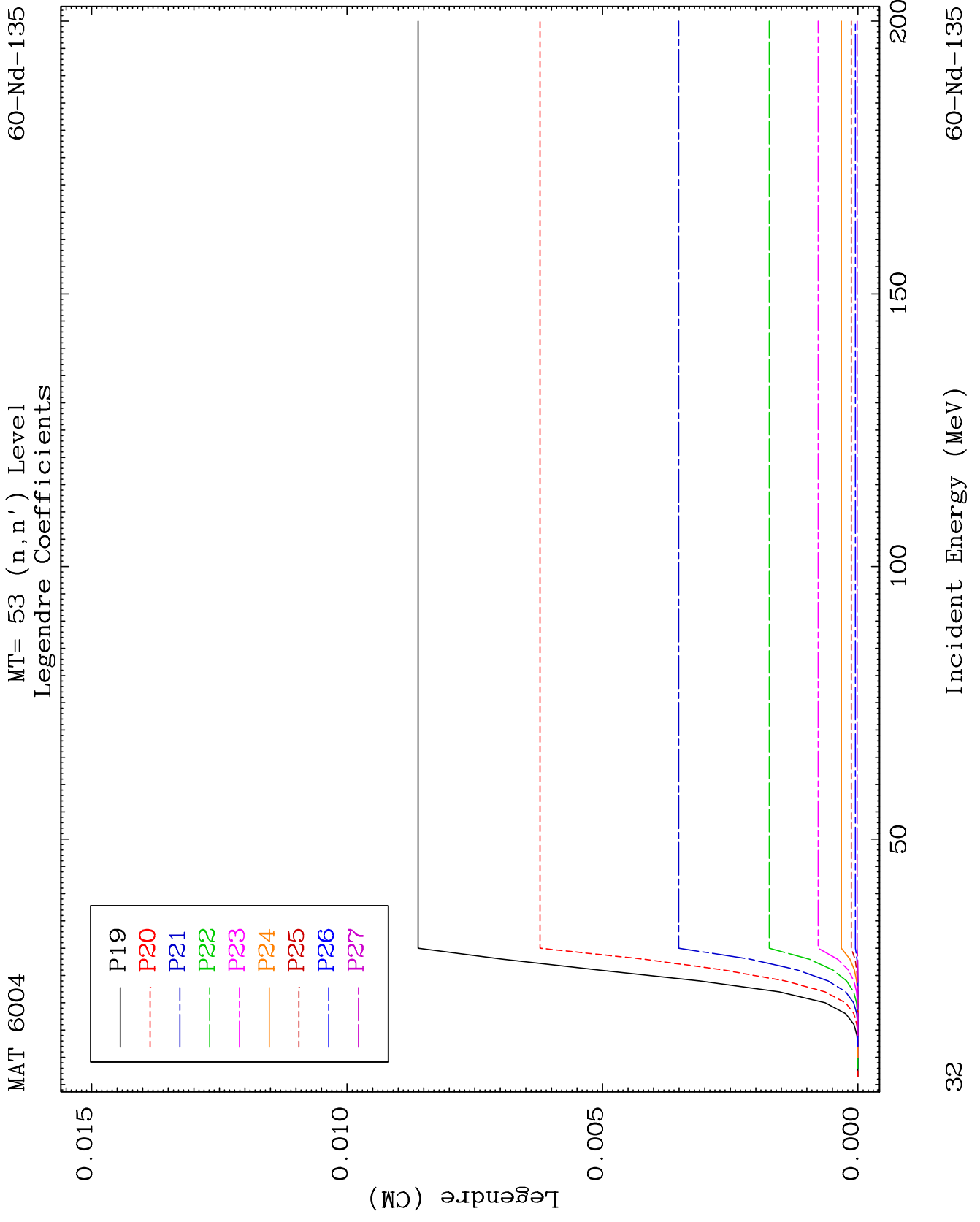
28







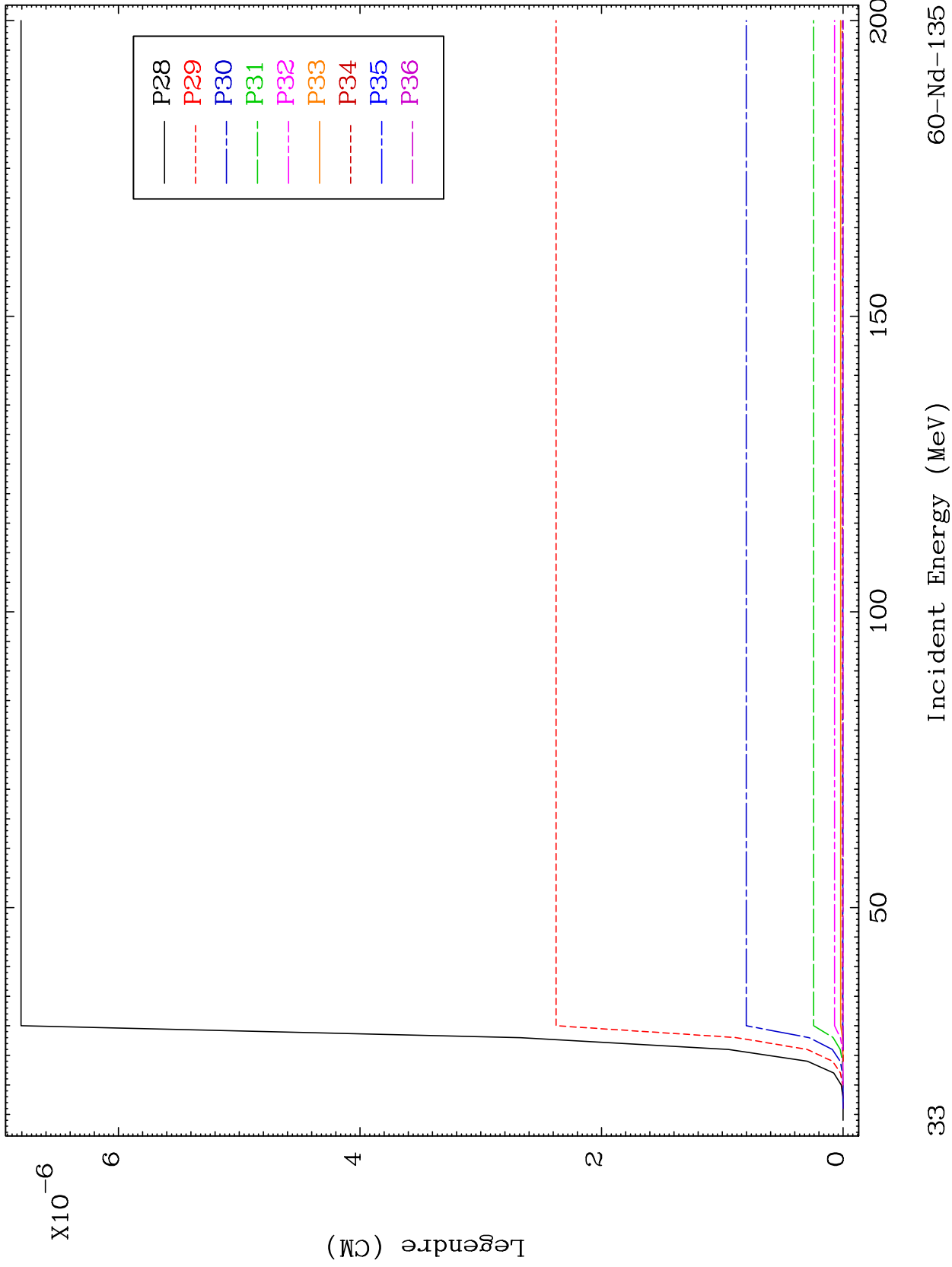




MAT 6004

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

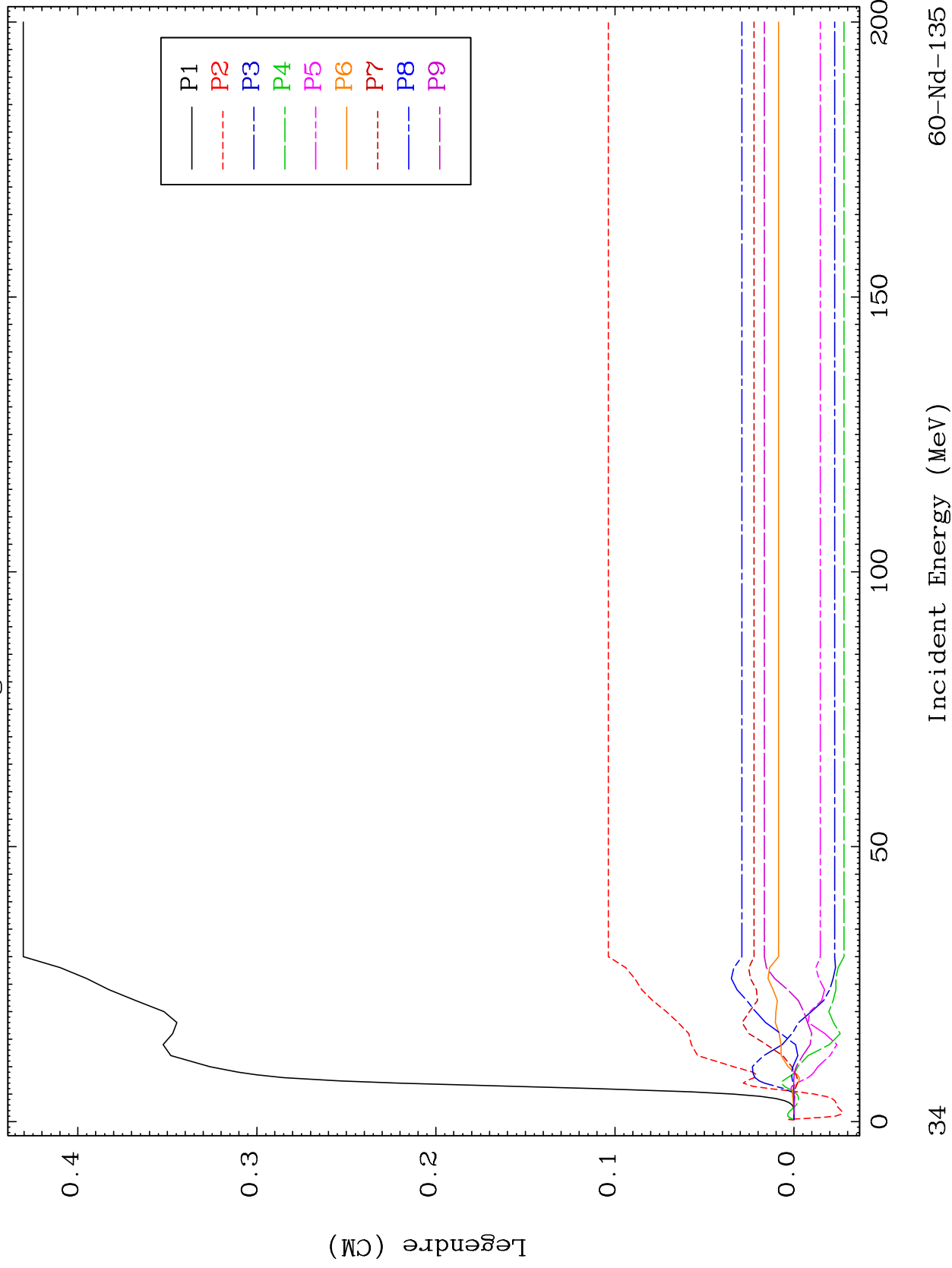
60-Nd-135



MAT 6004

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

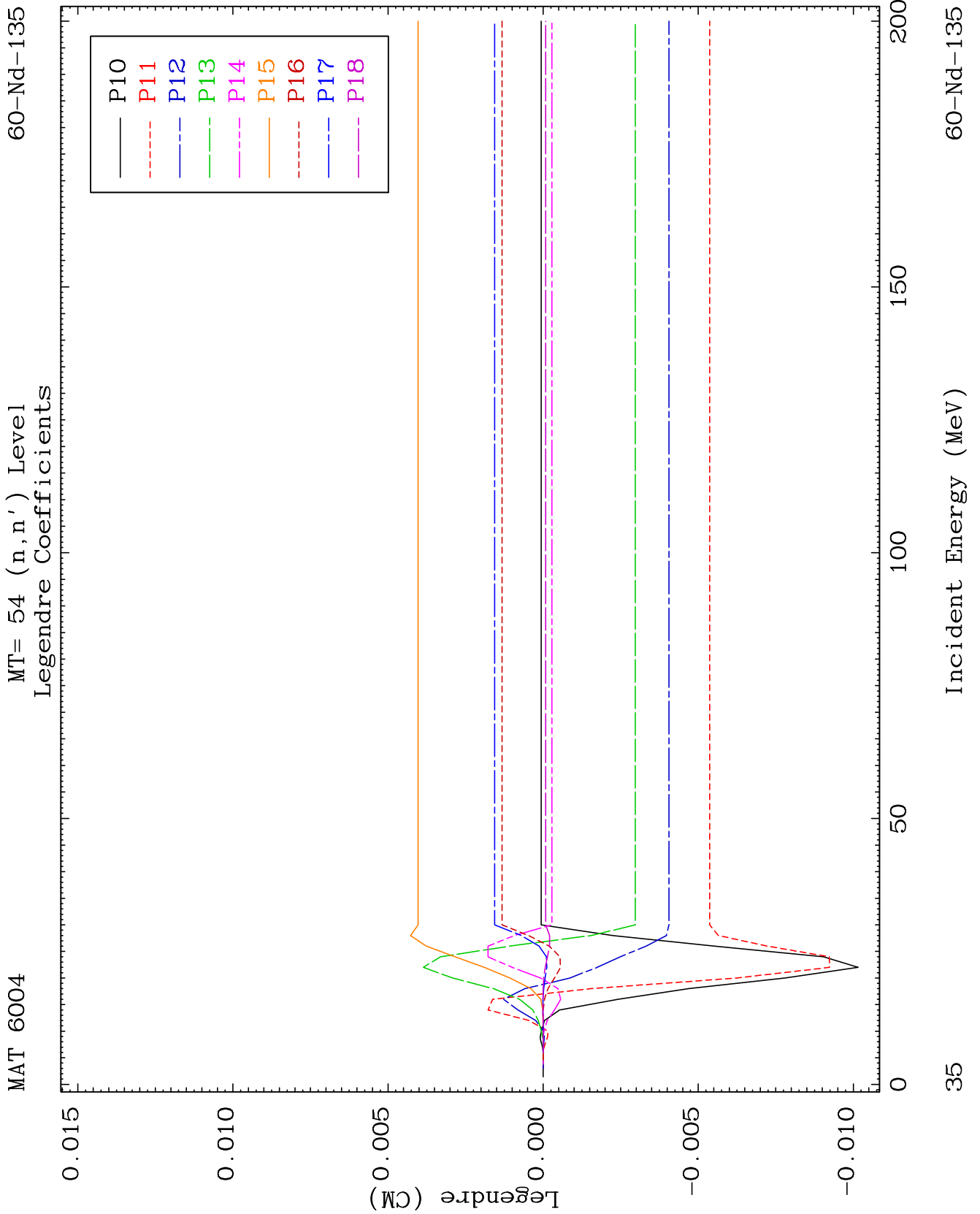
60-Nd-135

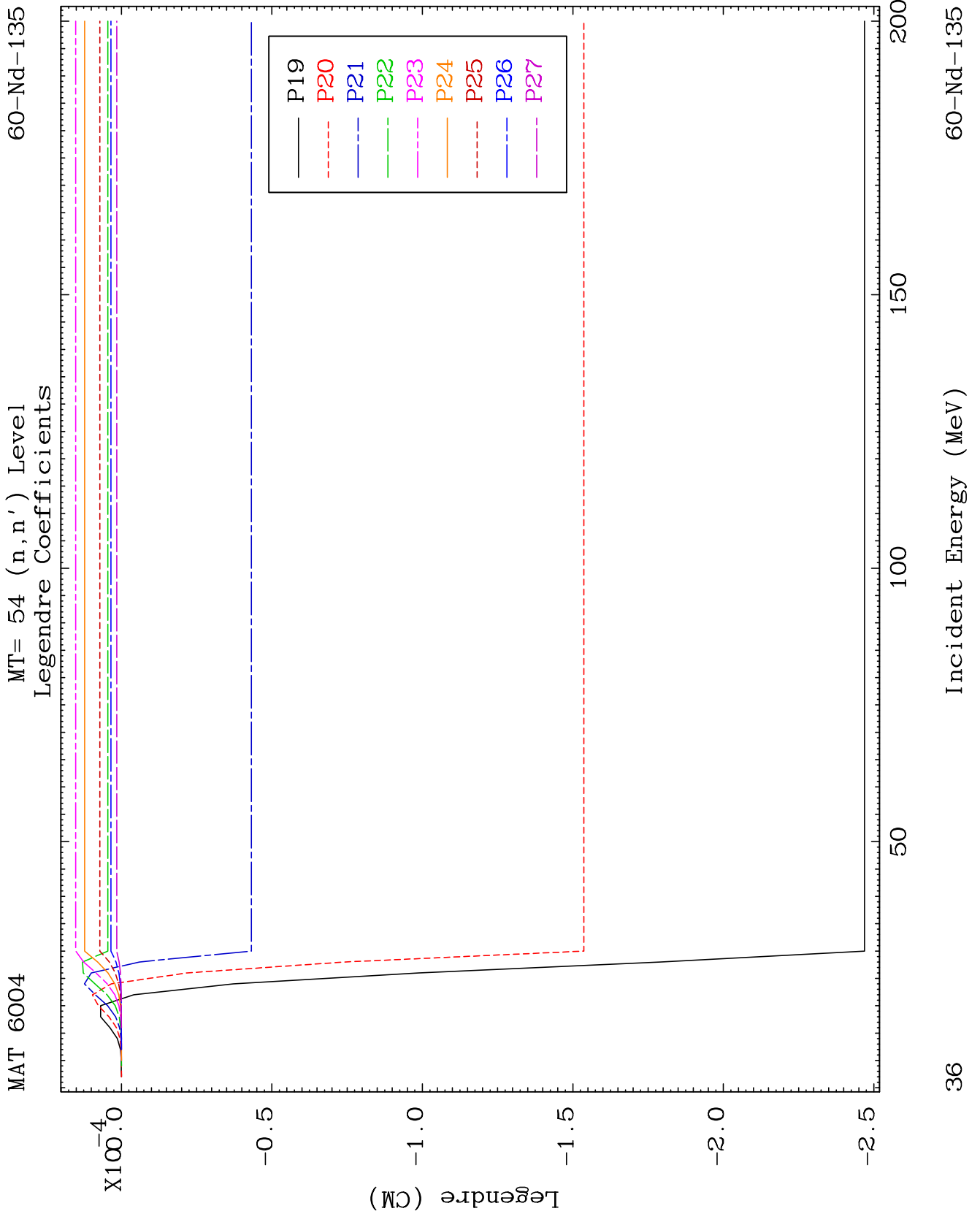


34

Incident Energy (MeV)

60-Nd-135

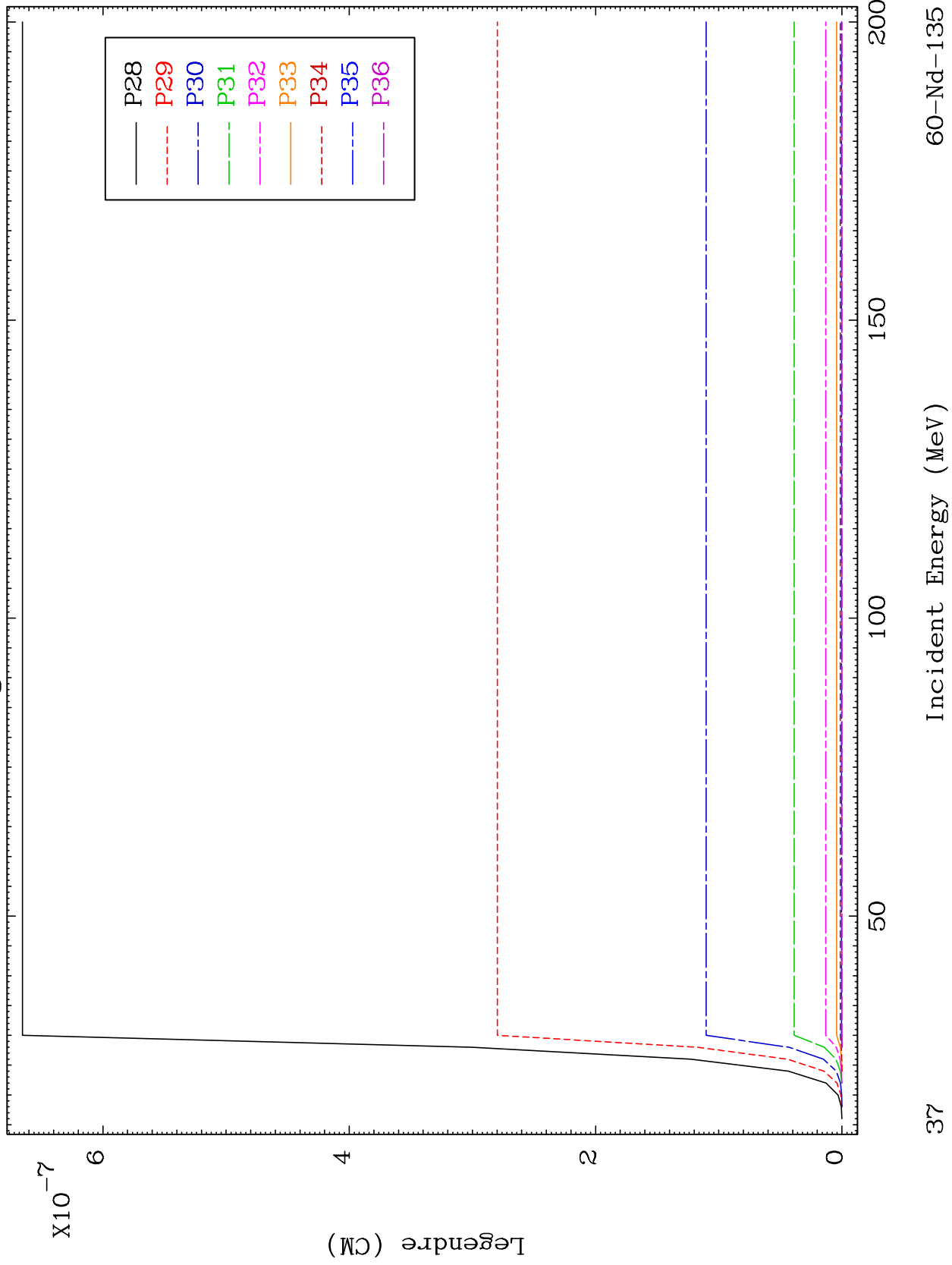




MAT 6004

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

60-Nd-135



37

60-Nd-135



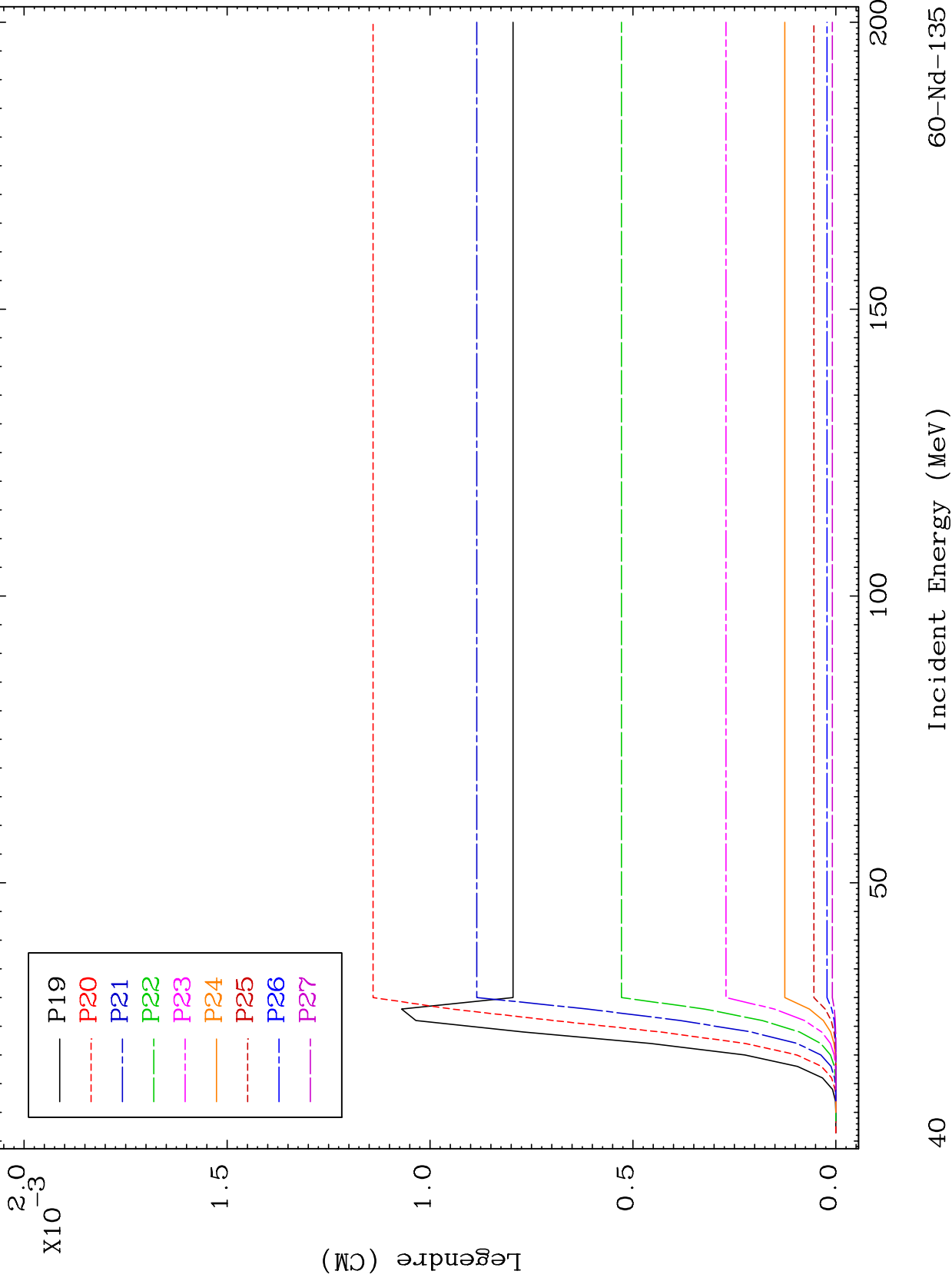




MAT 6004

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

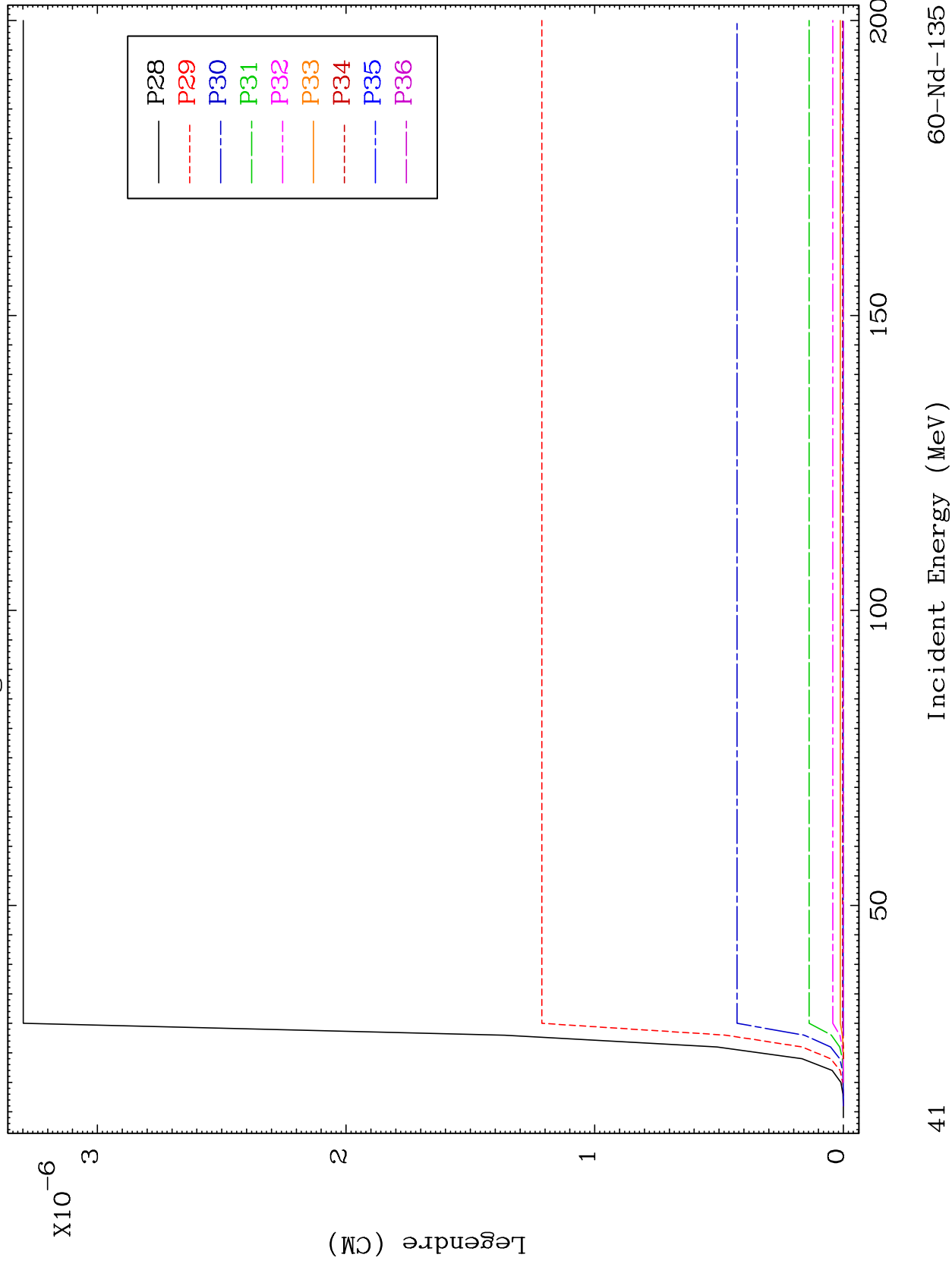
60-Nd-135



MAT 6004

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

60-Nd-135

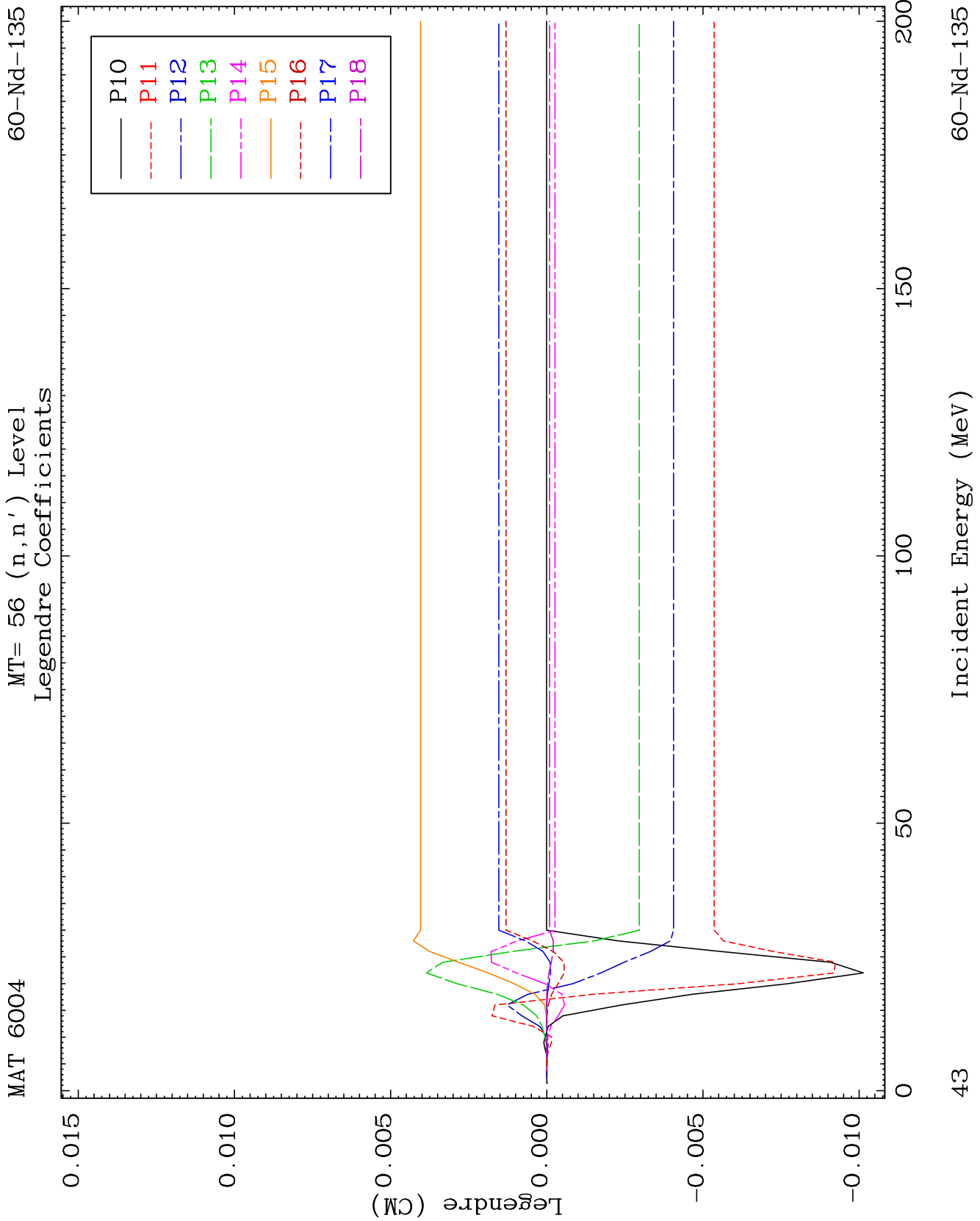


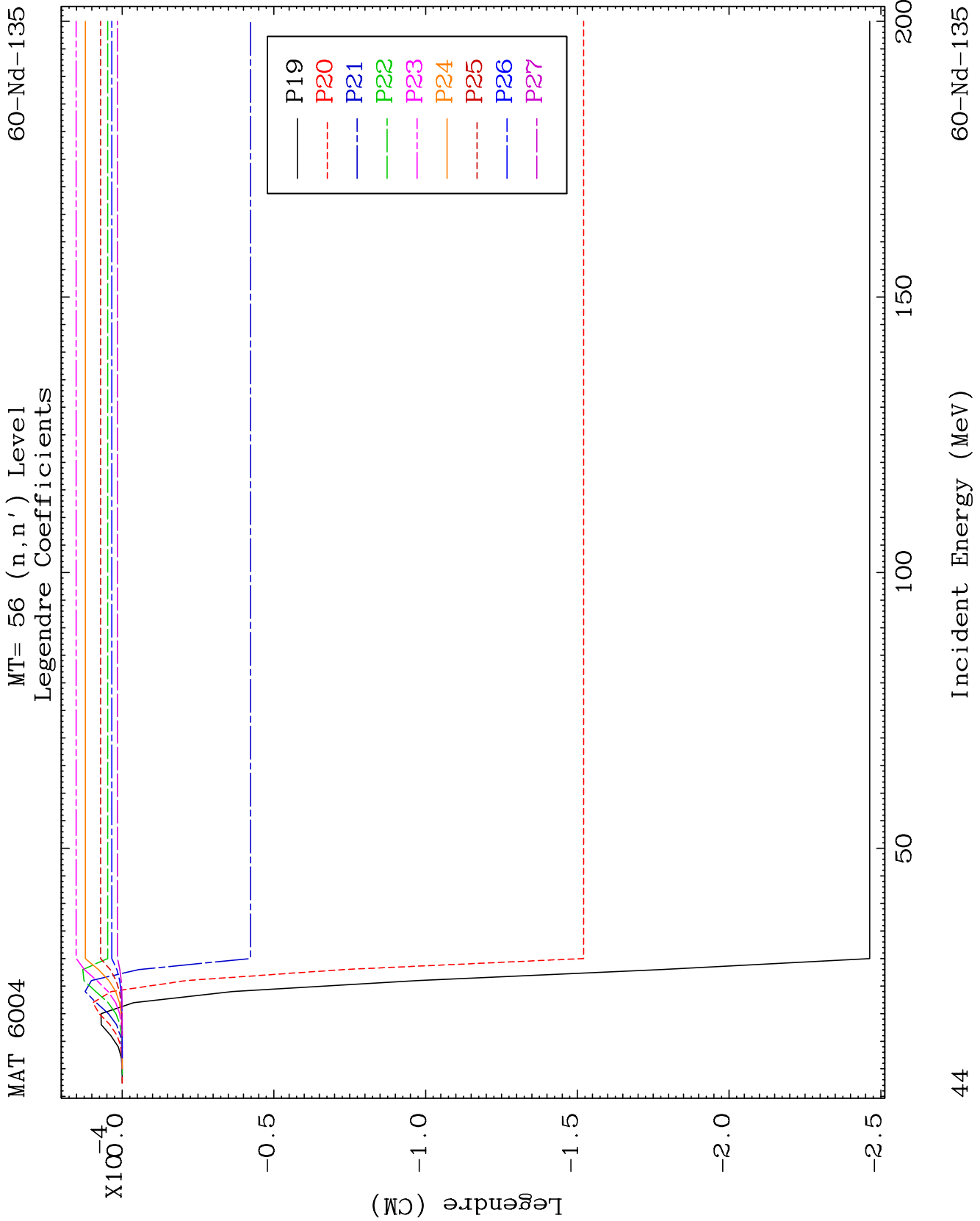
41

Incident Energy (MeV)

60-Nd-135



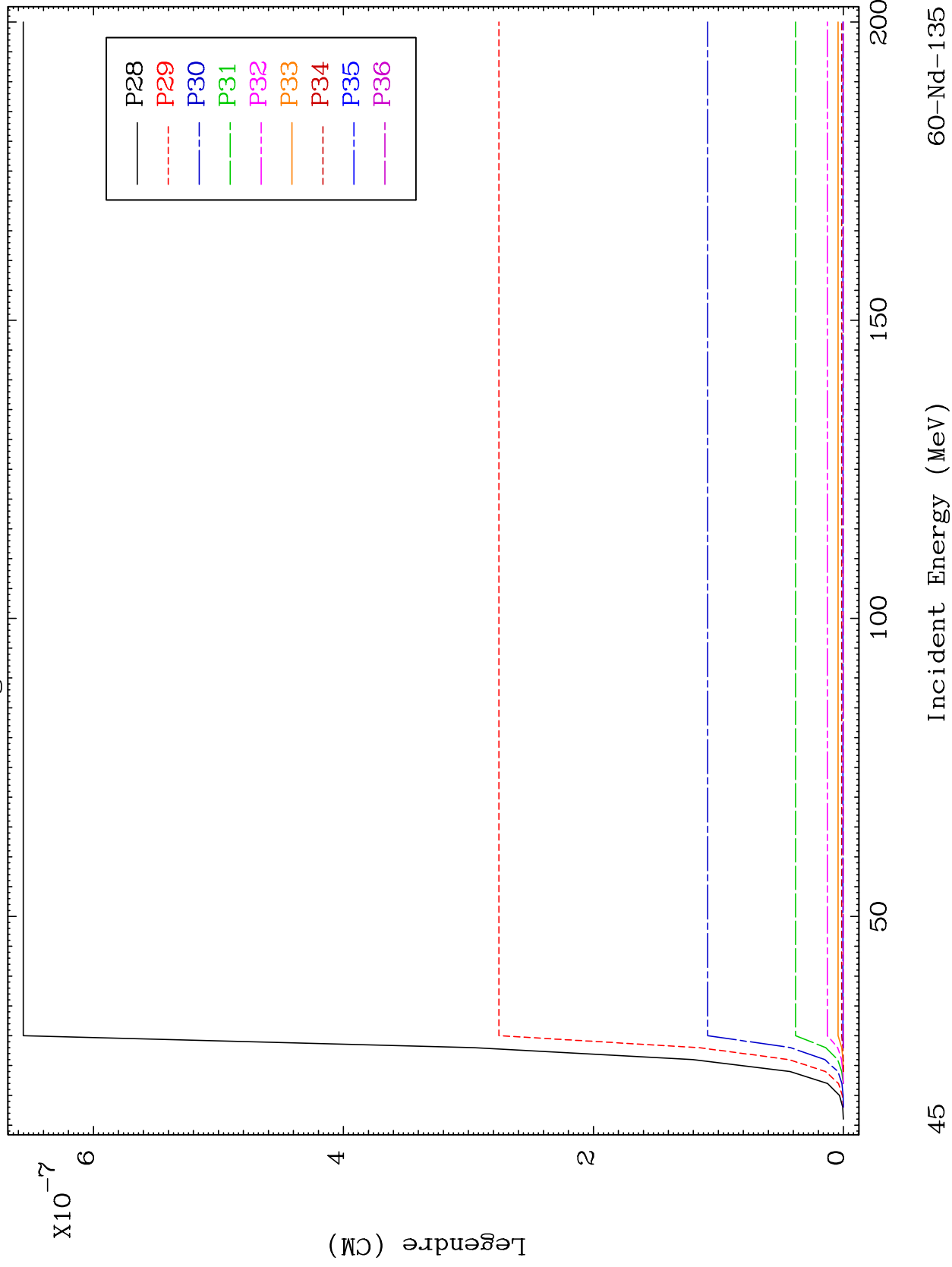


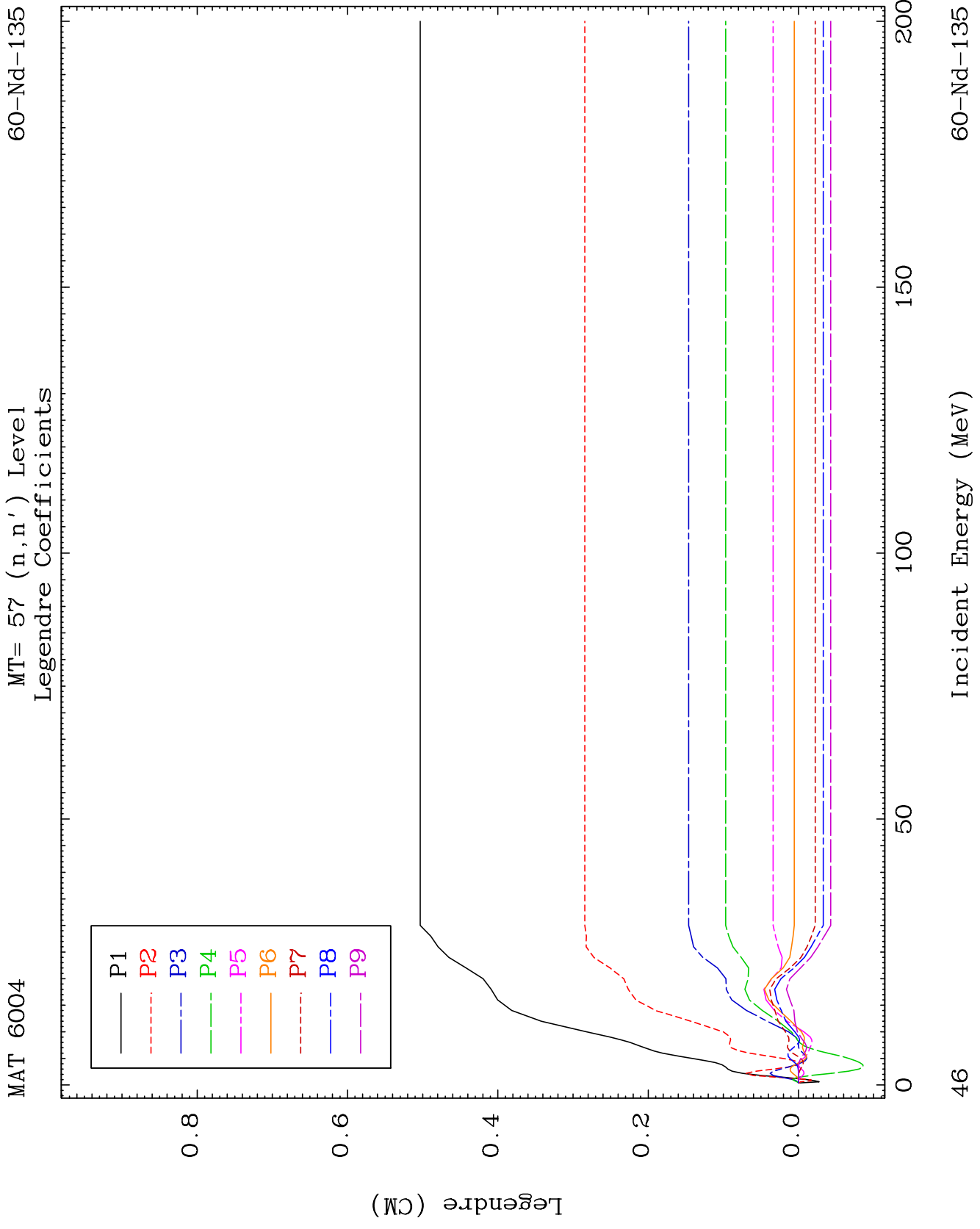


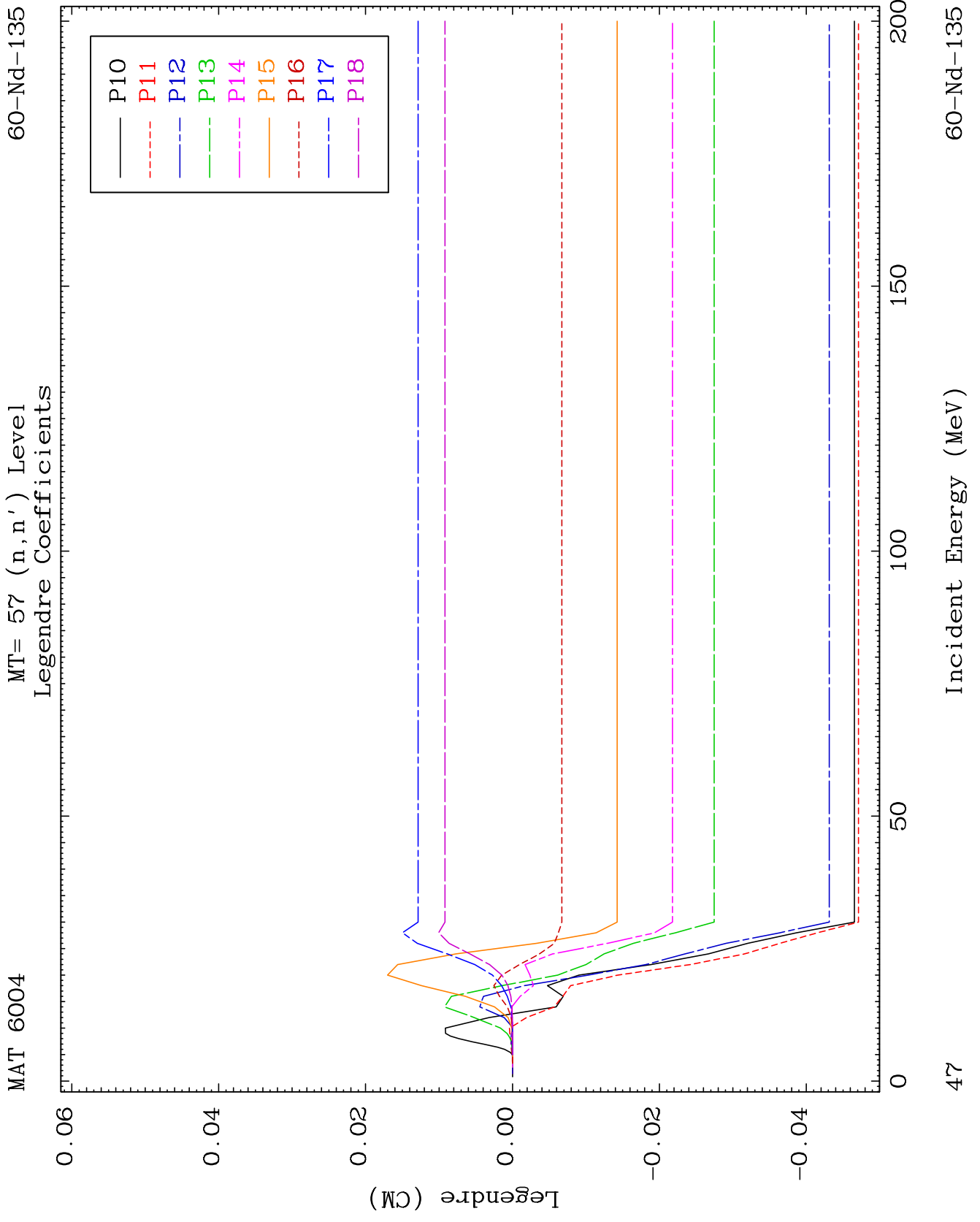
MAT 6004

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

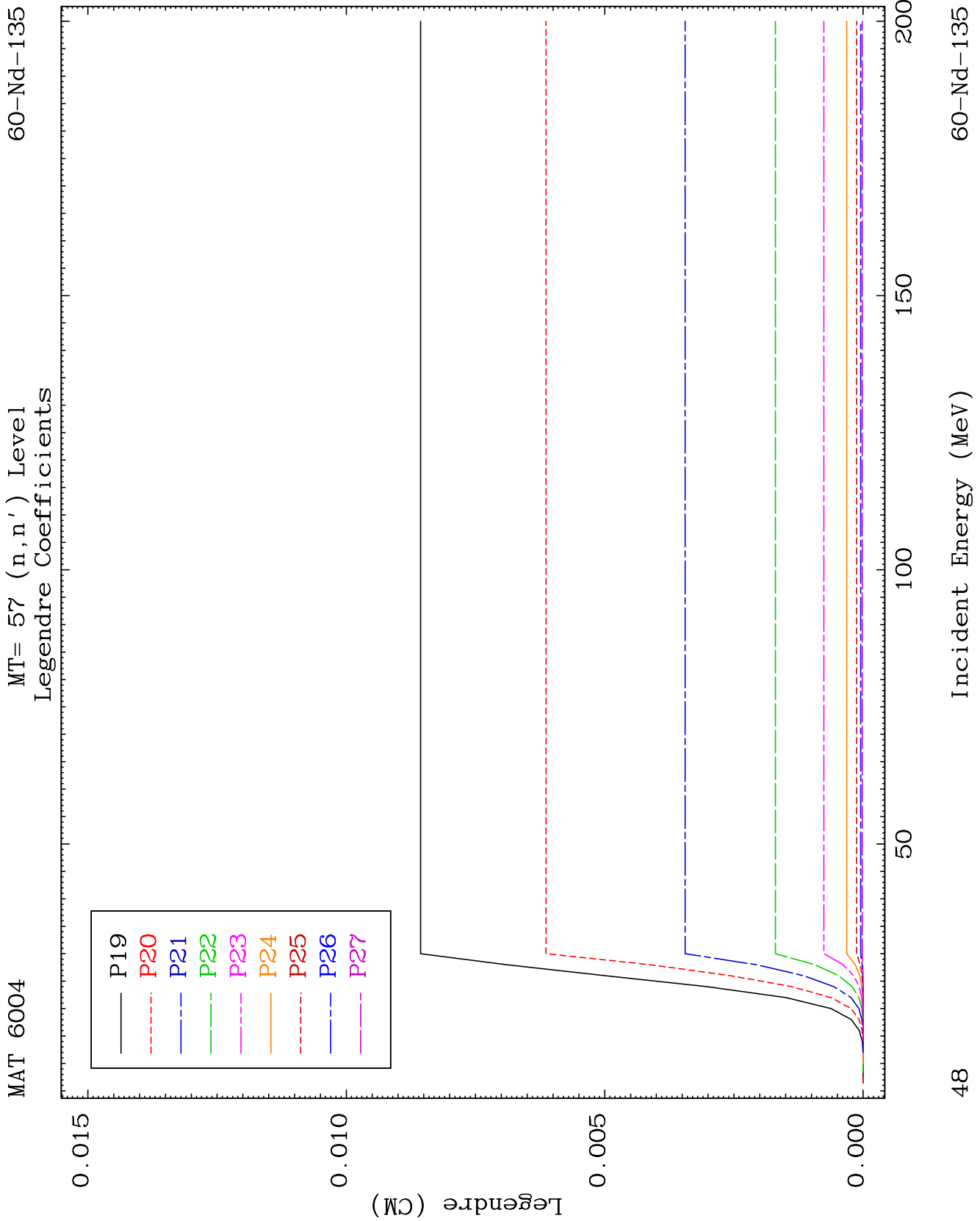
60-Nd-135







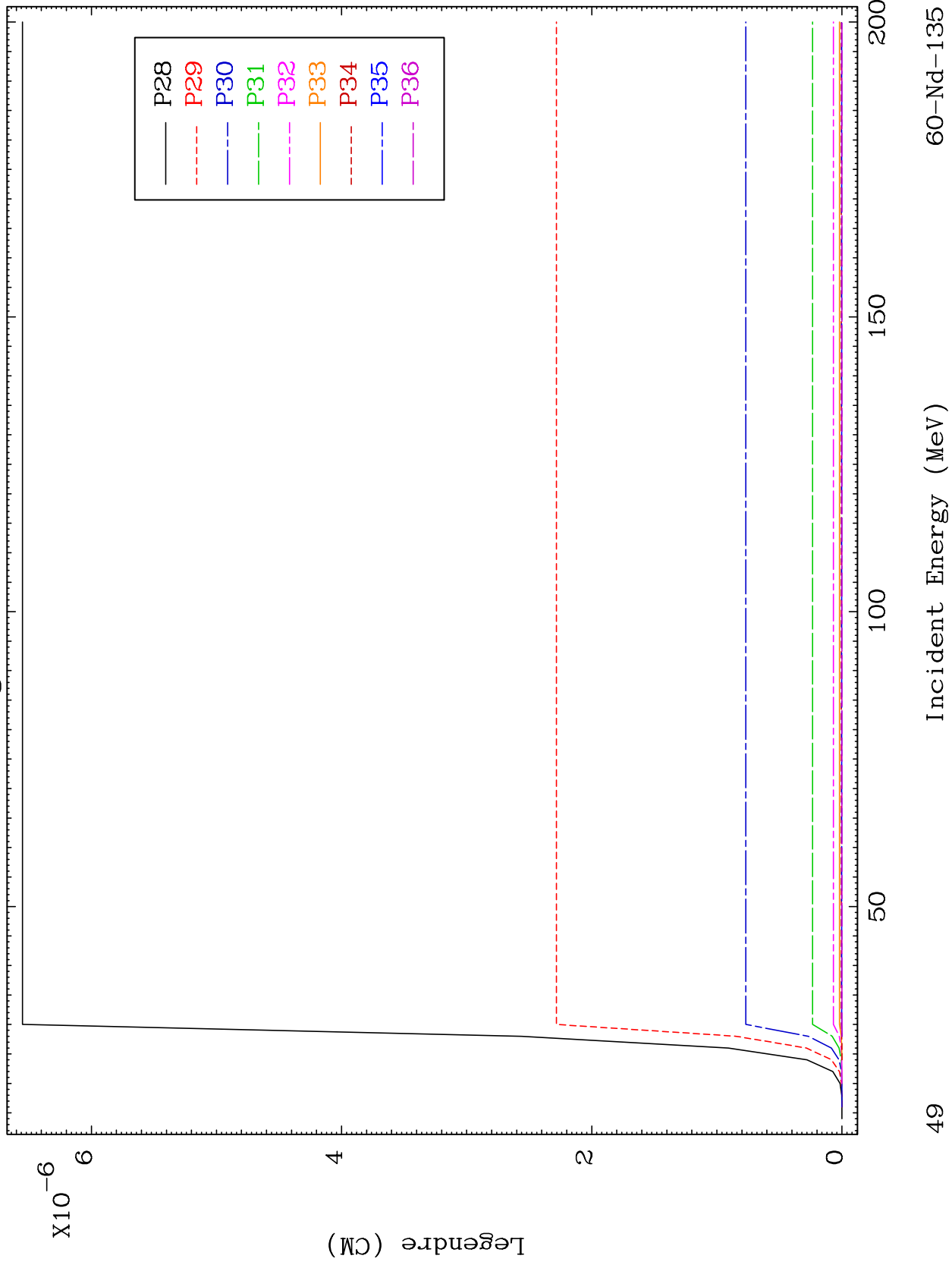




MAT 6004

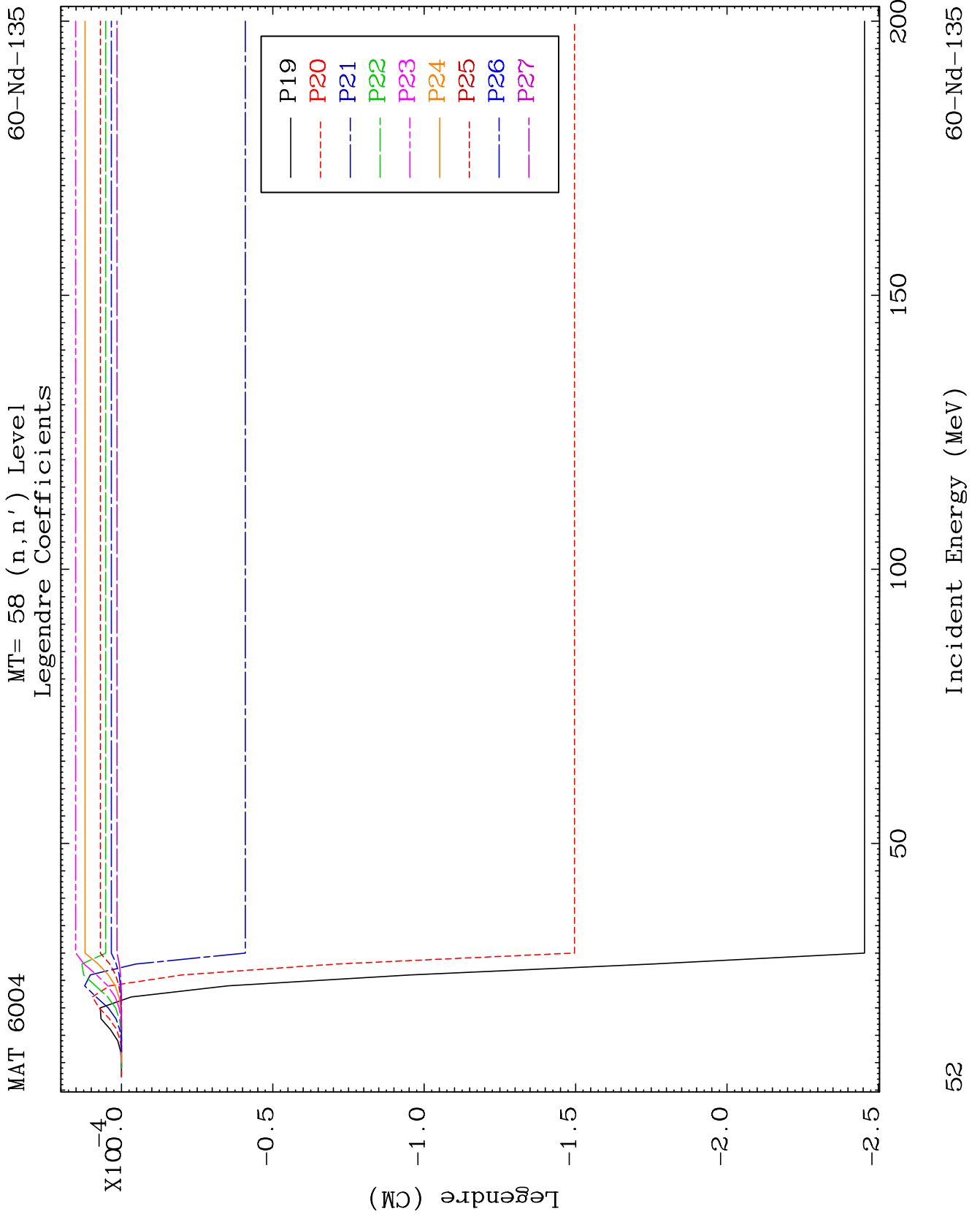
MT= 57 (n,n') Level  
Legendre Coefficients

60-Nd-135







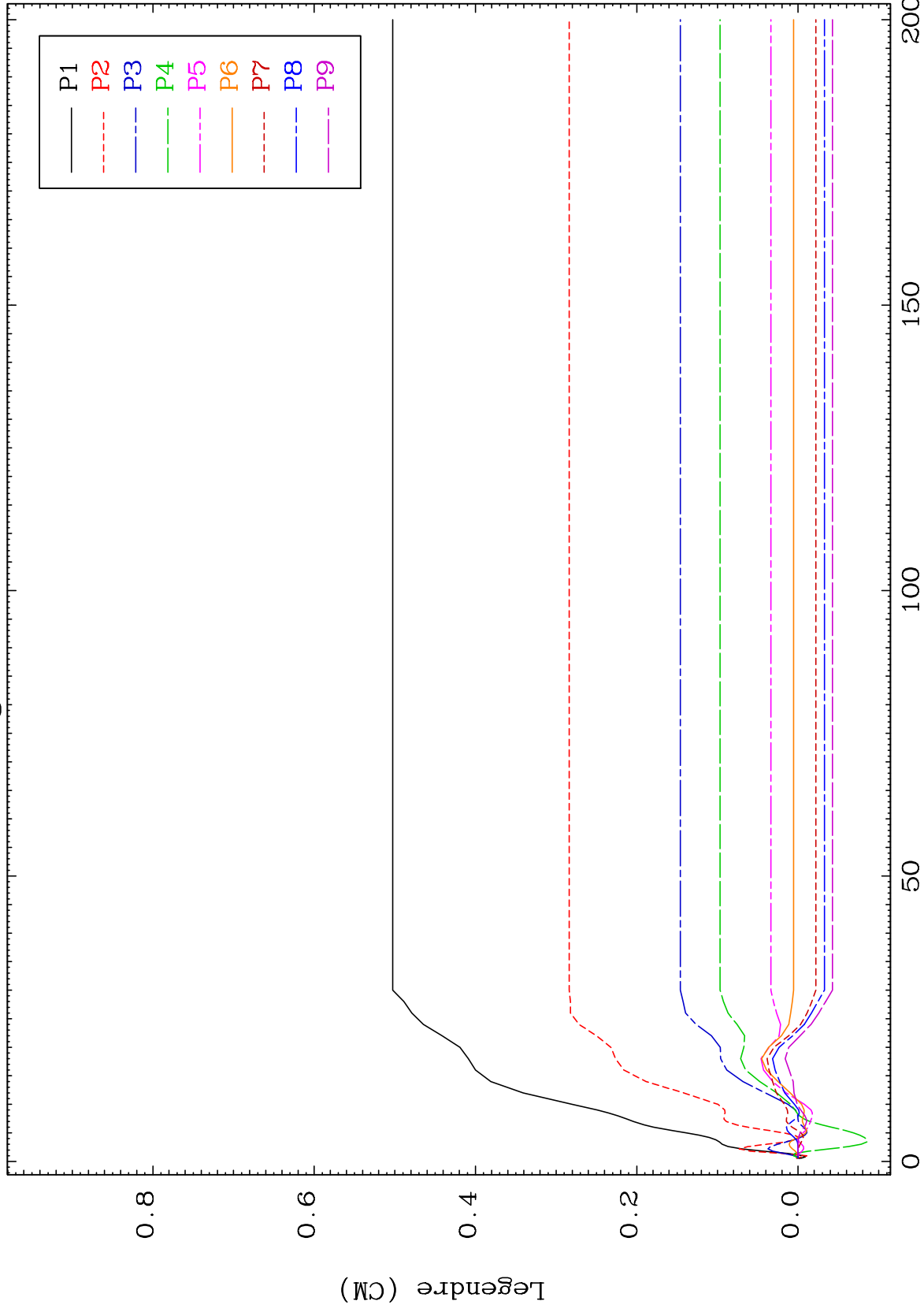




MAT 6004

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

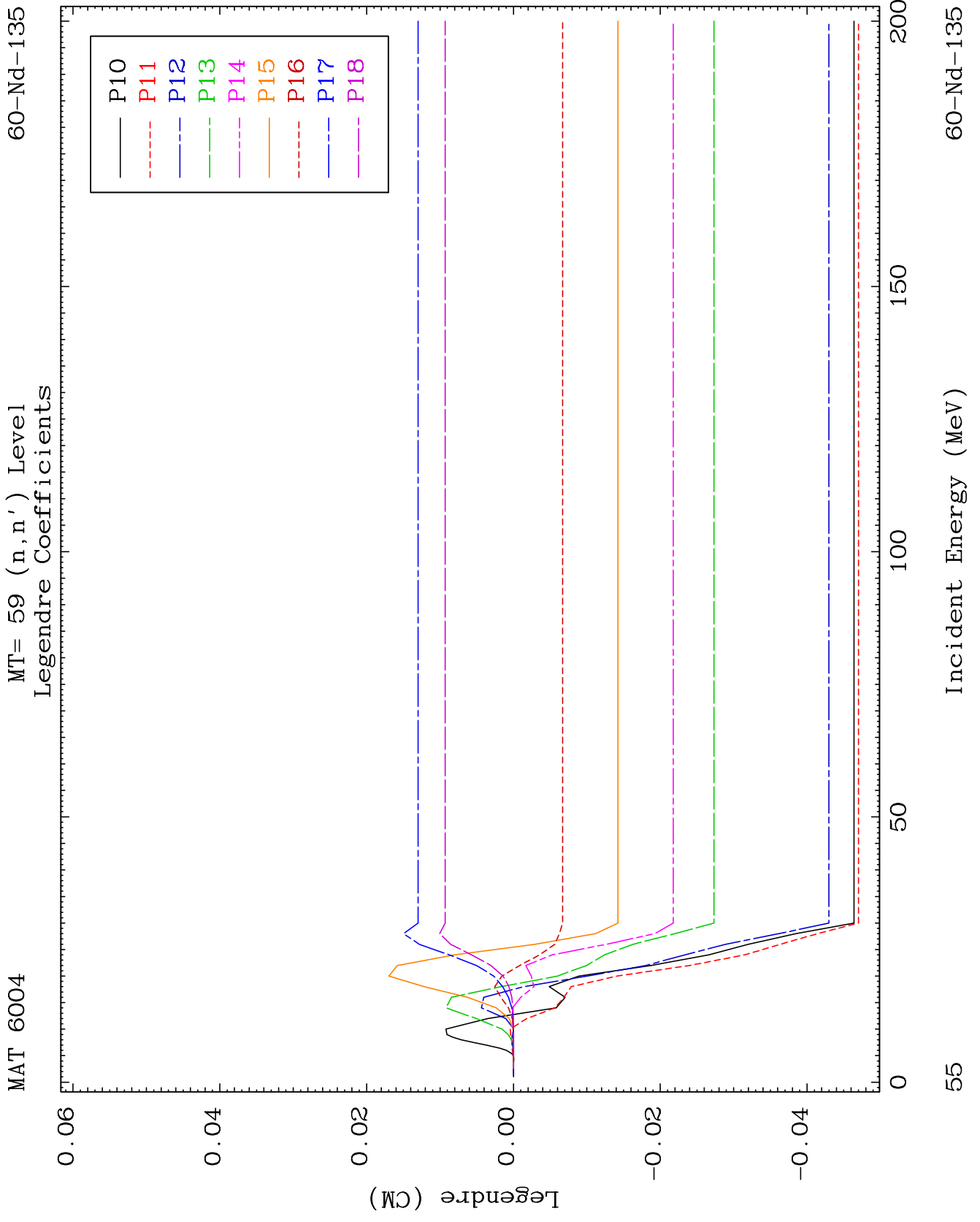
60-Nd-135



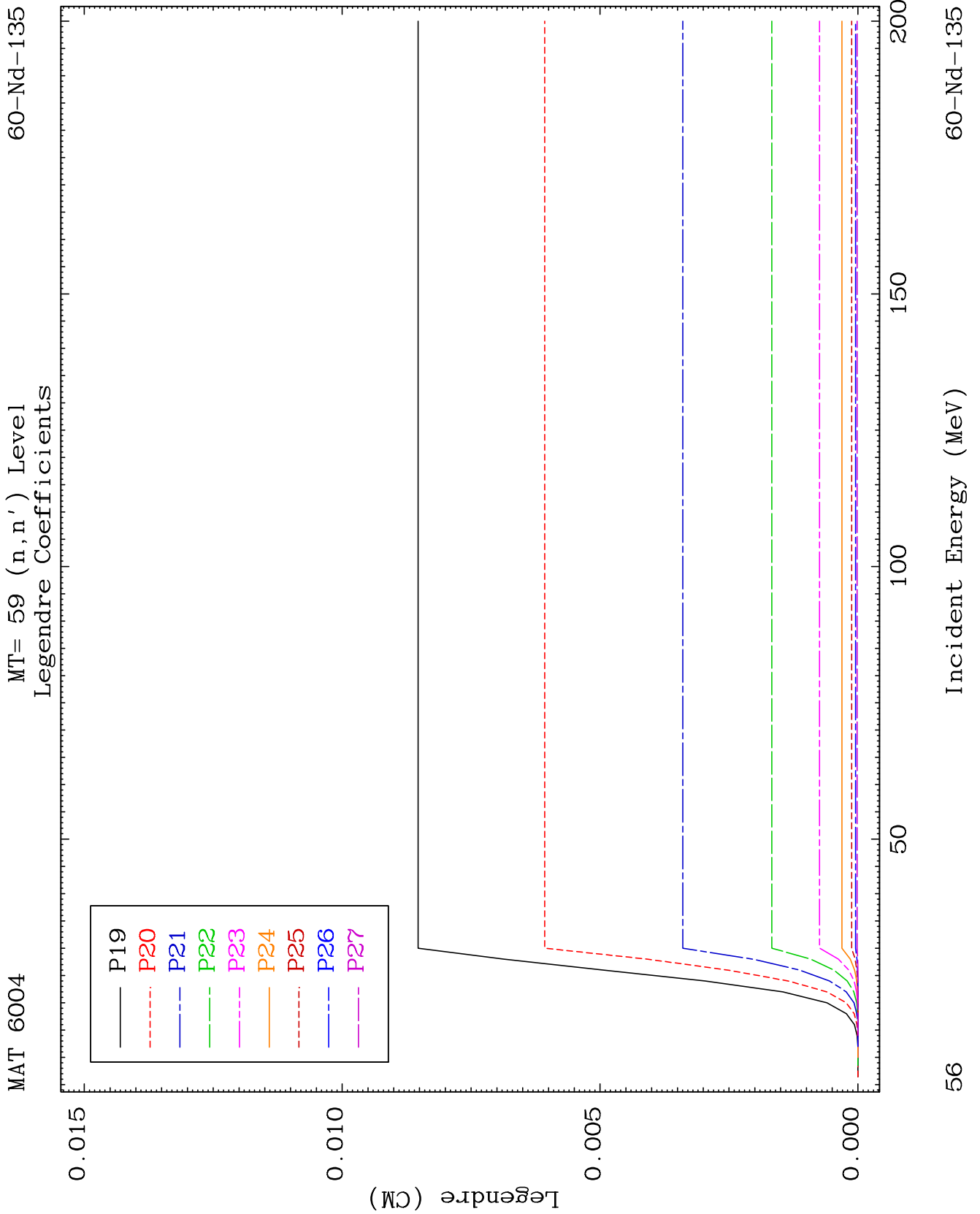
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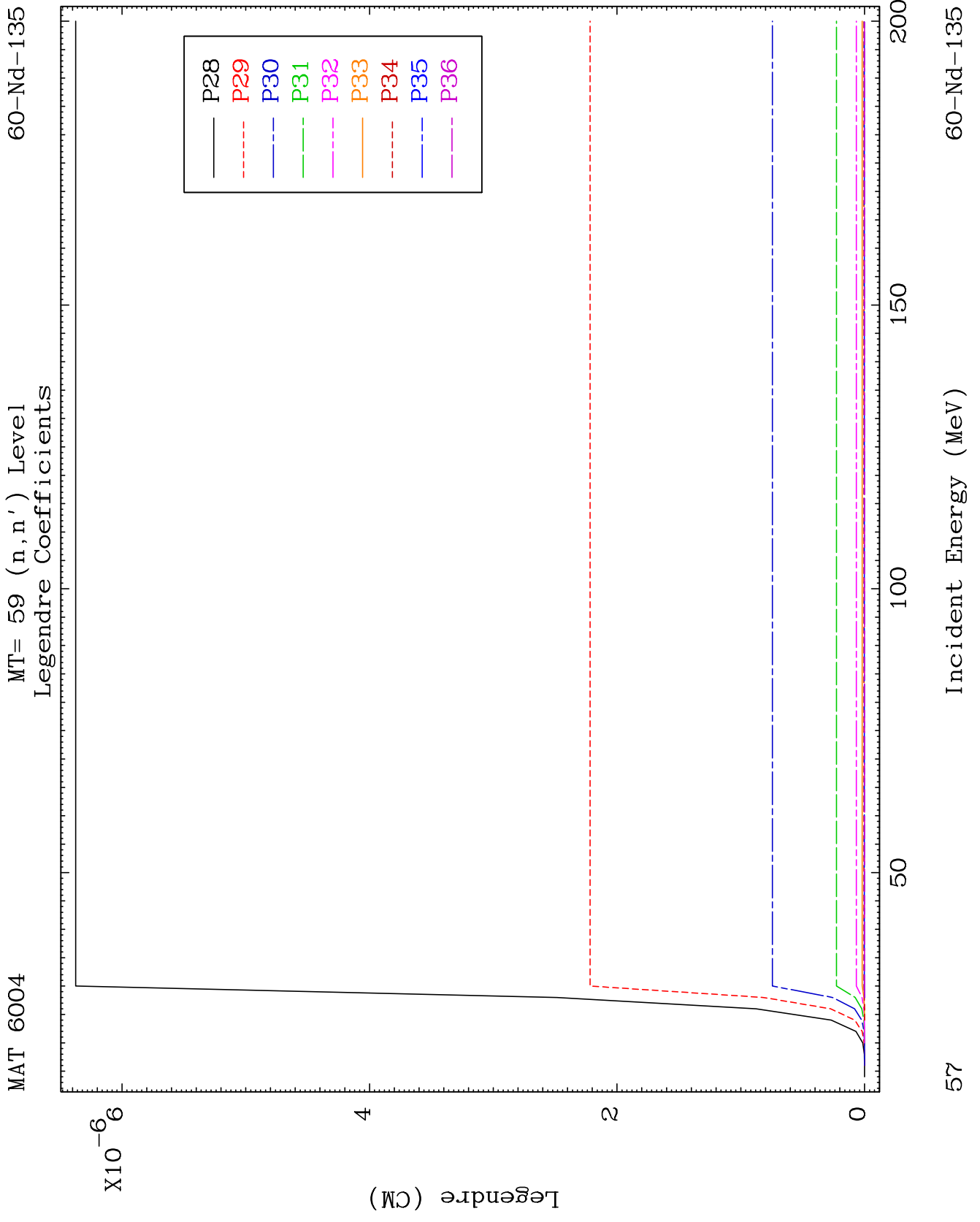
Incident Energy (MeV)

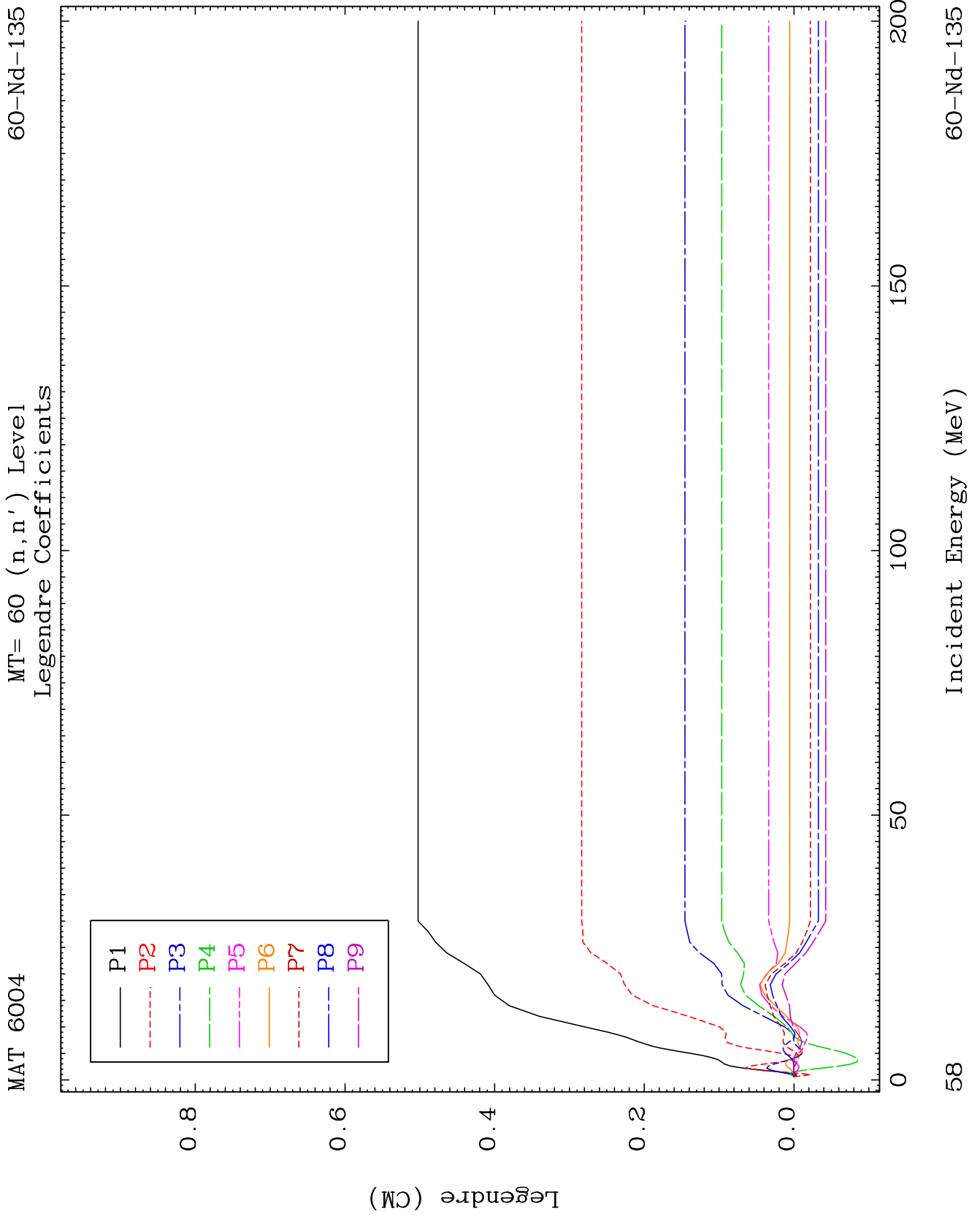
60-Nd-135

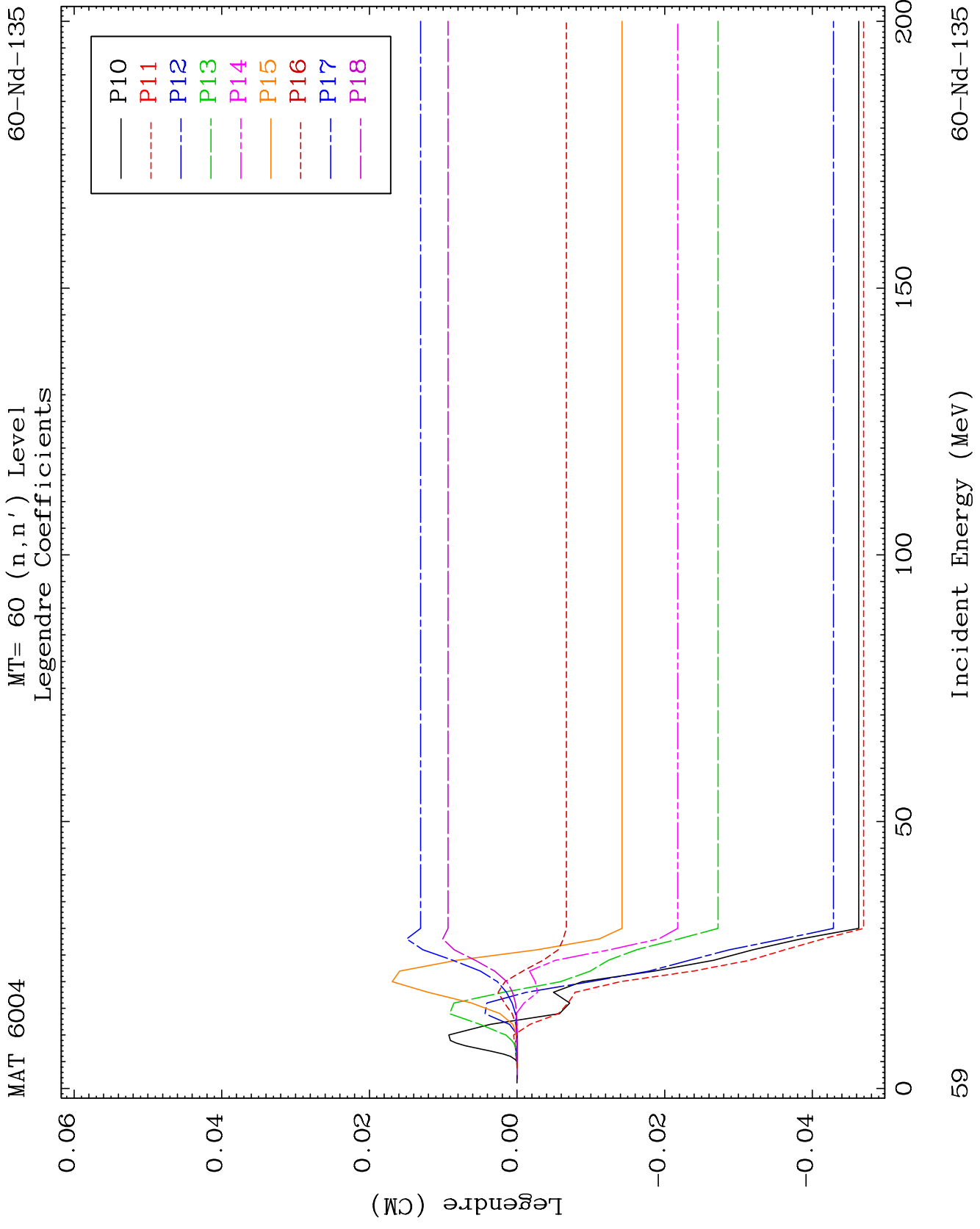




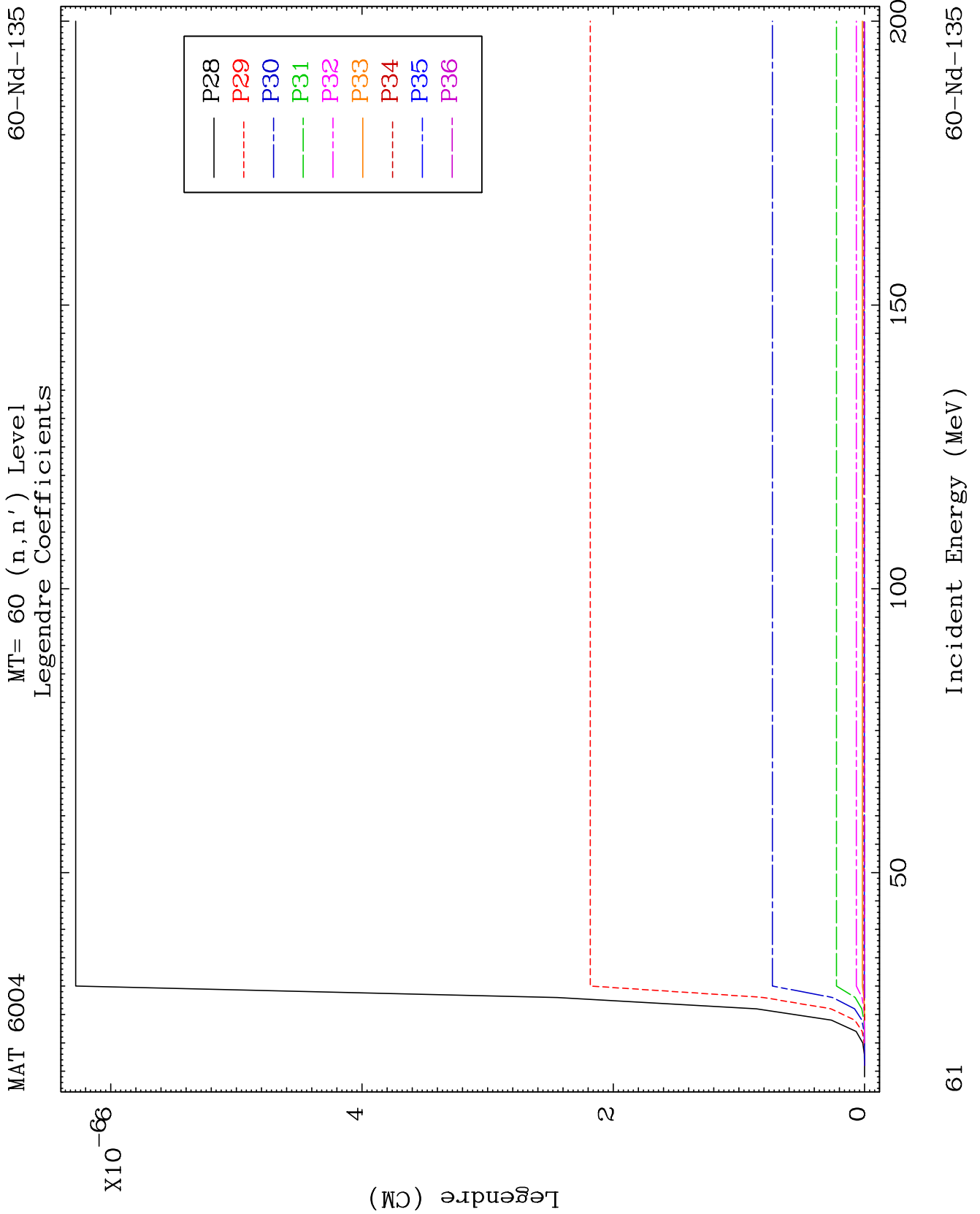


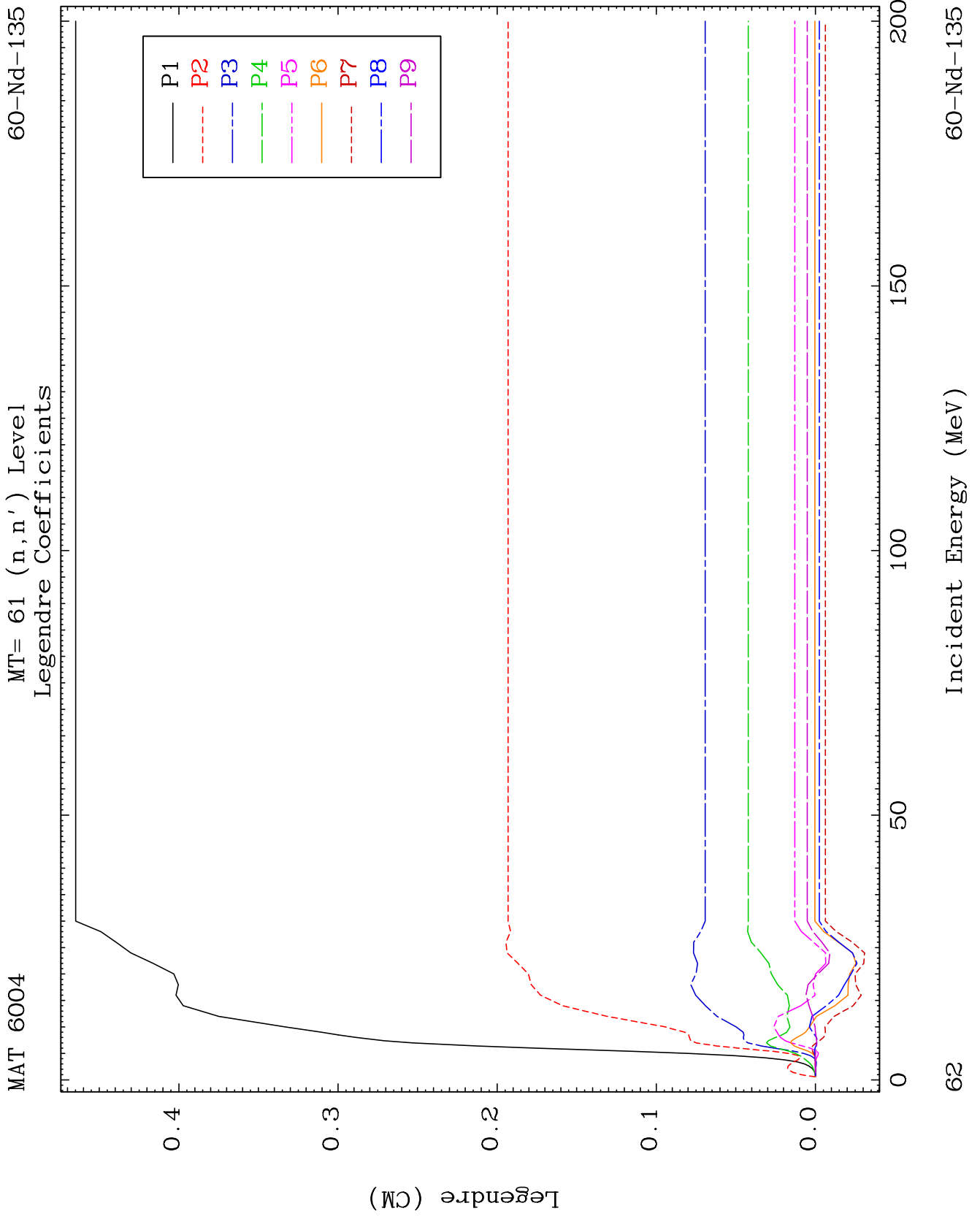








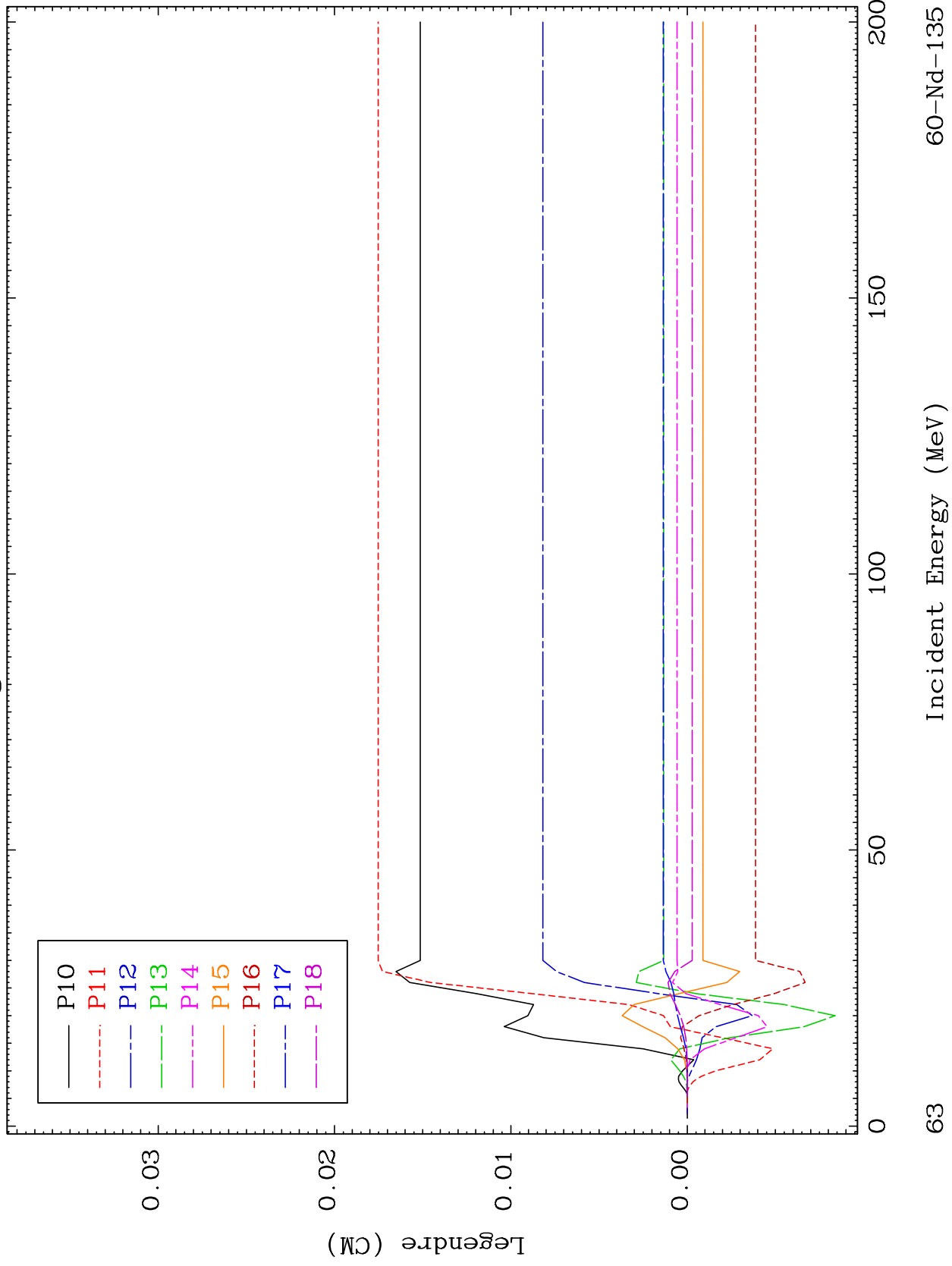




MAT 6004

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

60-Nd-135

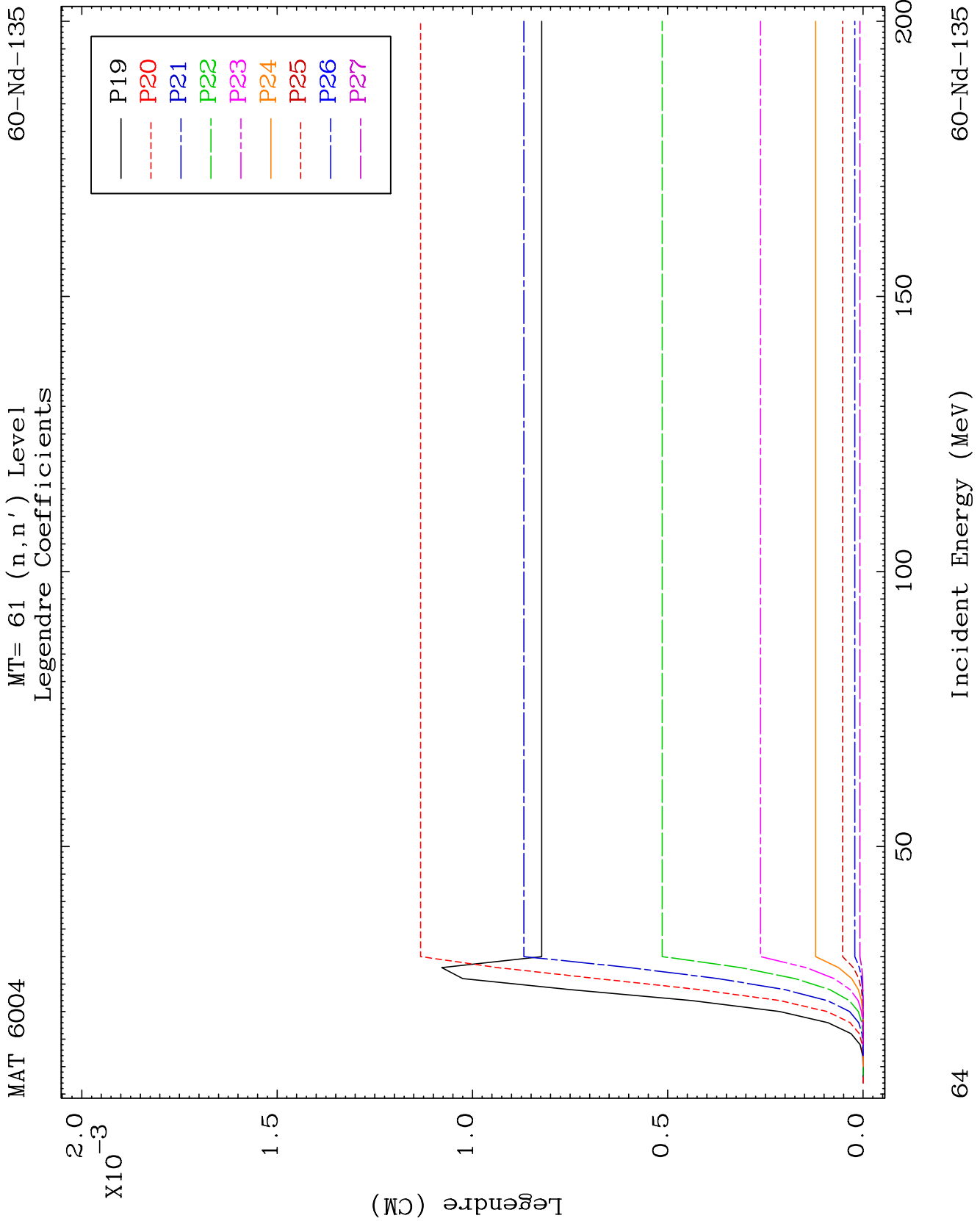


60-Nd-135

Incident Energy (MeV)

63

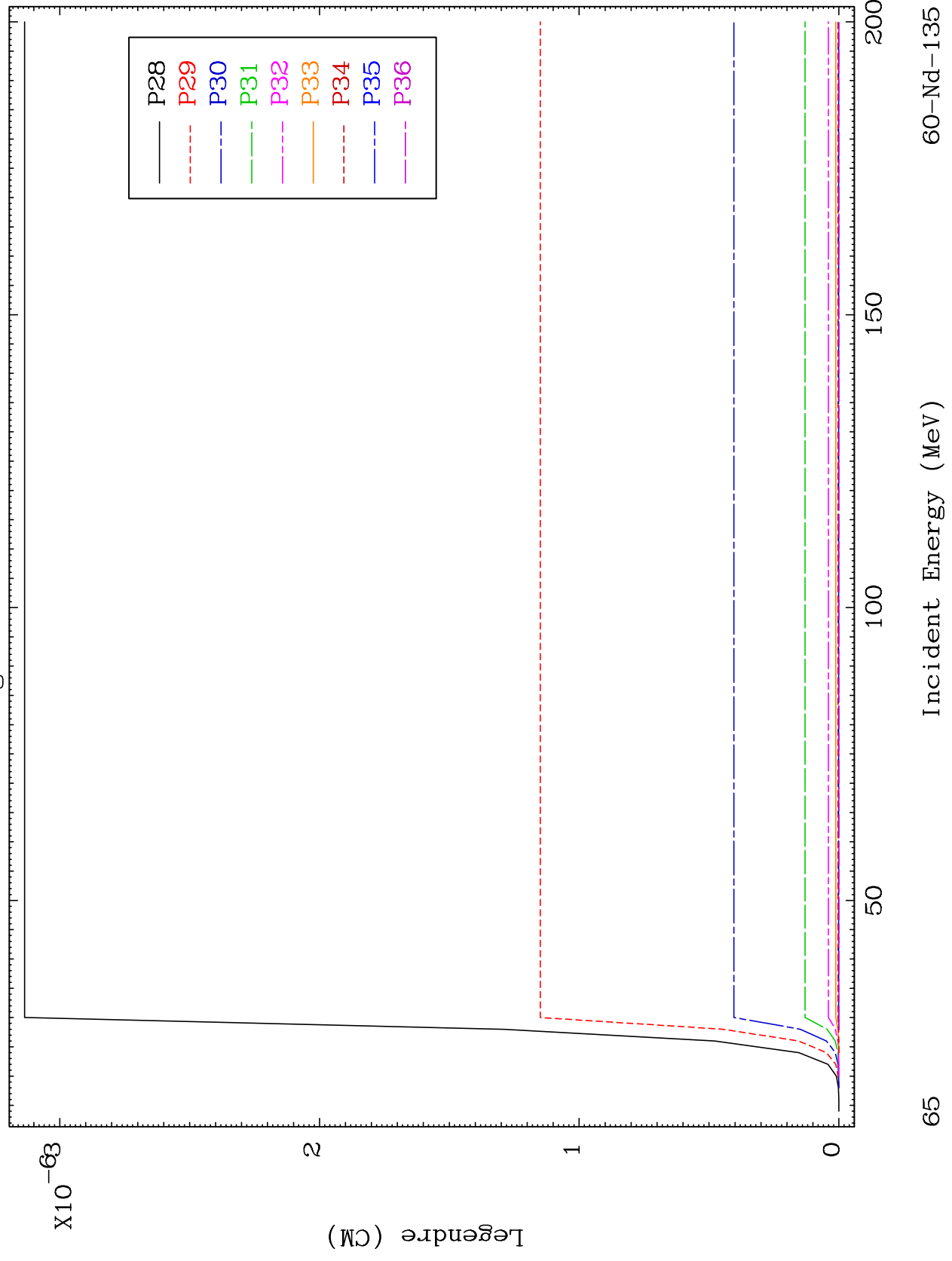




MAT 6004

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

60-Nd-135



65

Incident Energy (MeV)

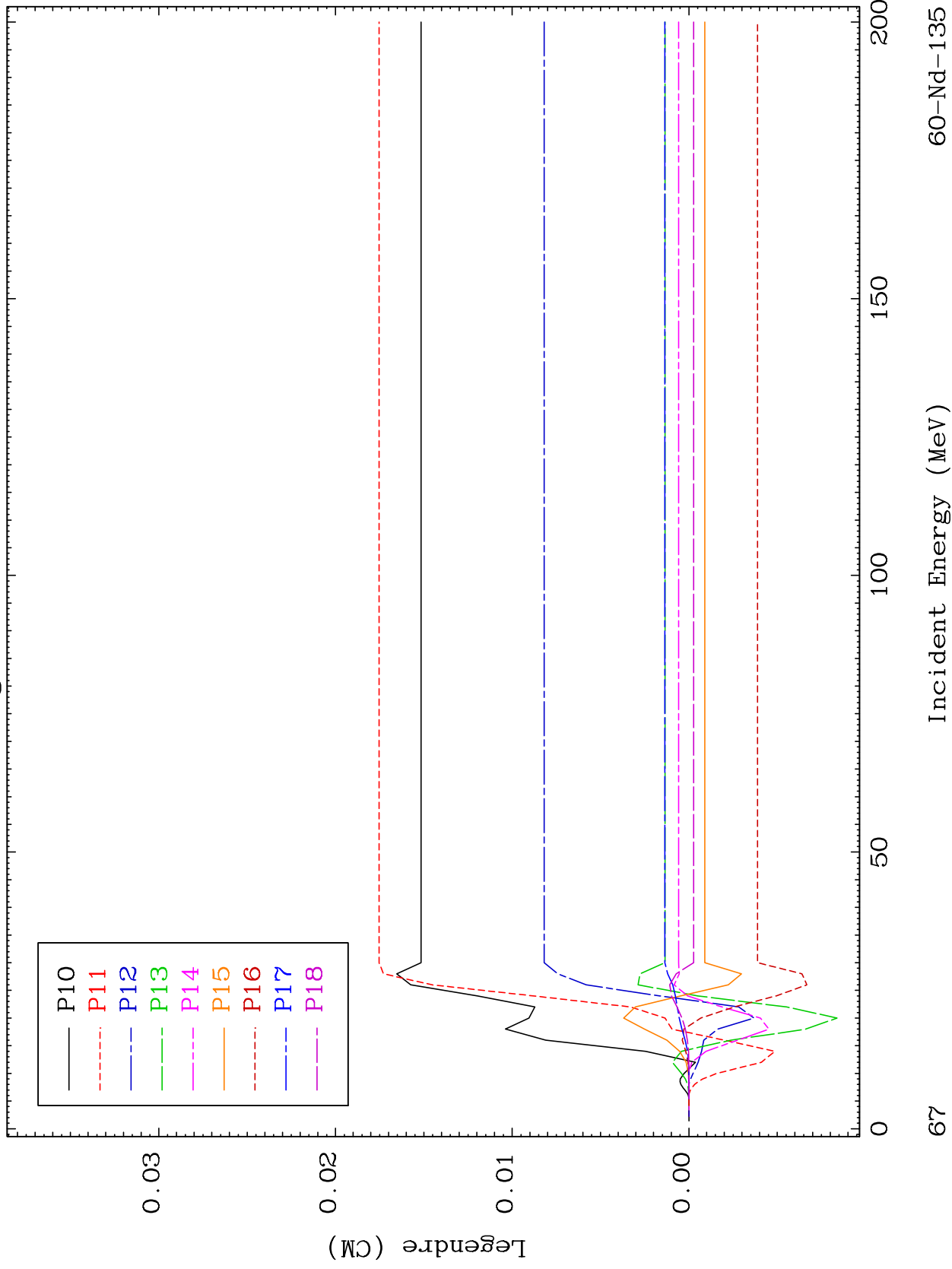
60-Nd-135



MAT 6004

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

60-Nd-135



60-Nd-135

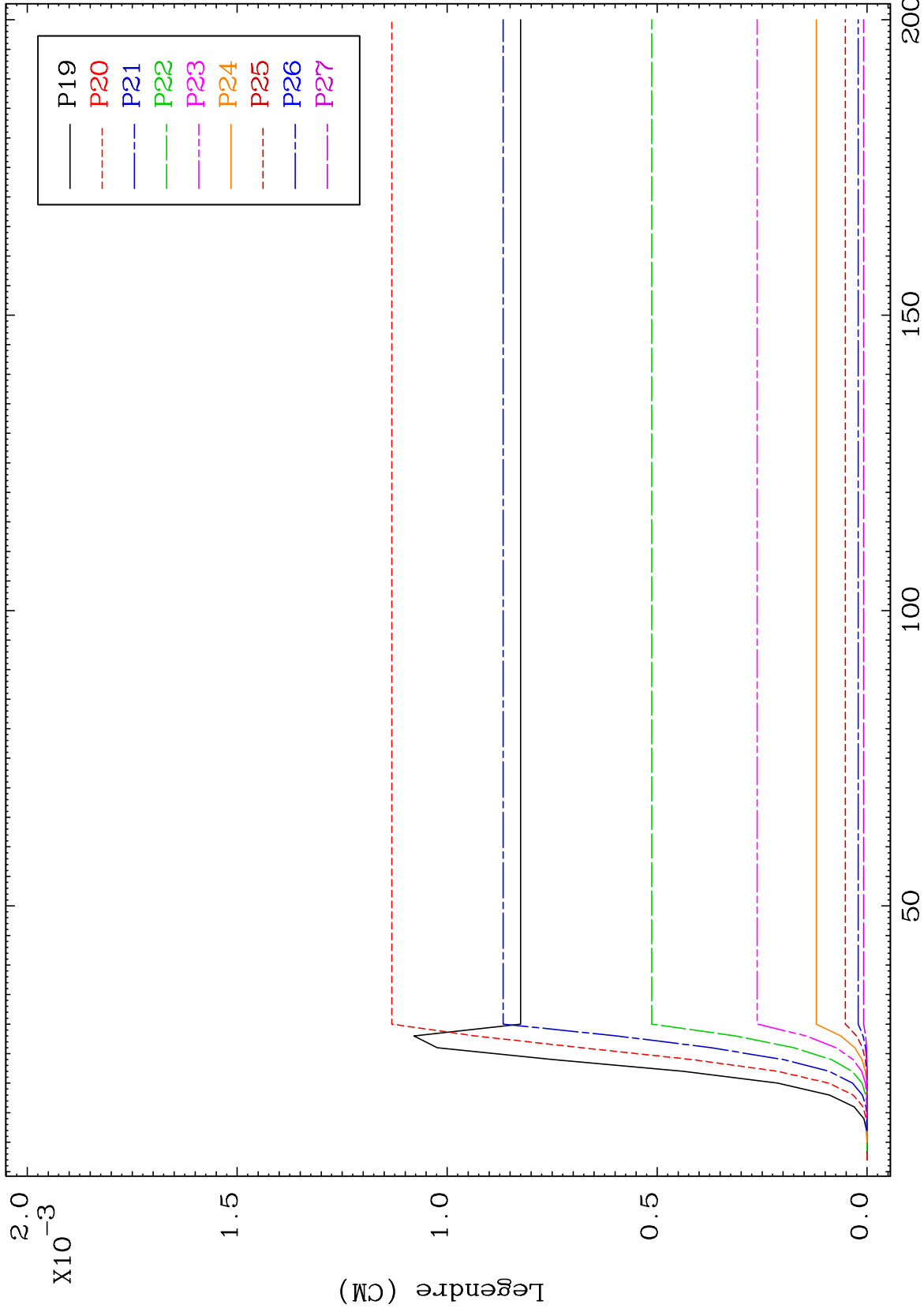
Incident Energy (MeV)

67

MAT 6004

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

60-Nd-135



68

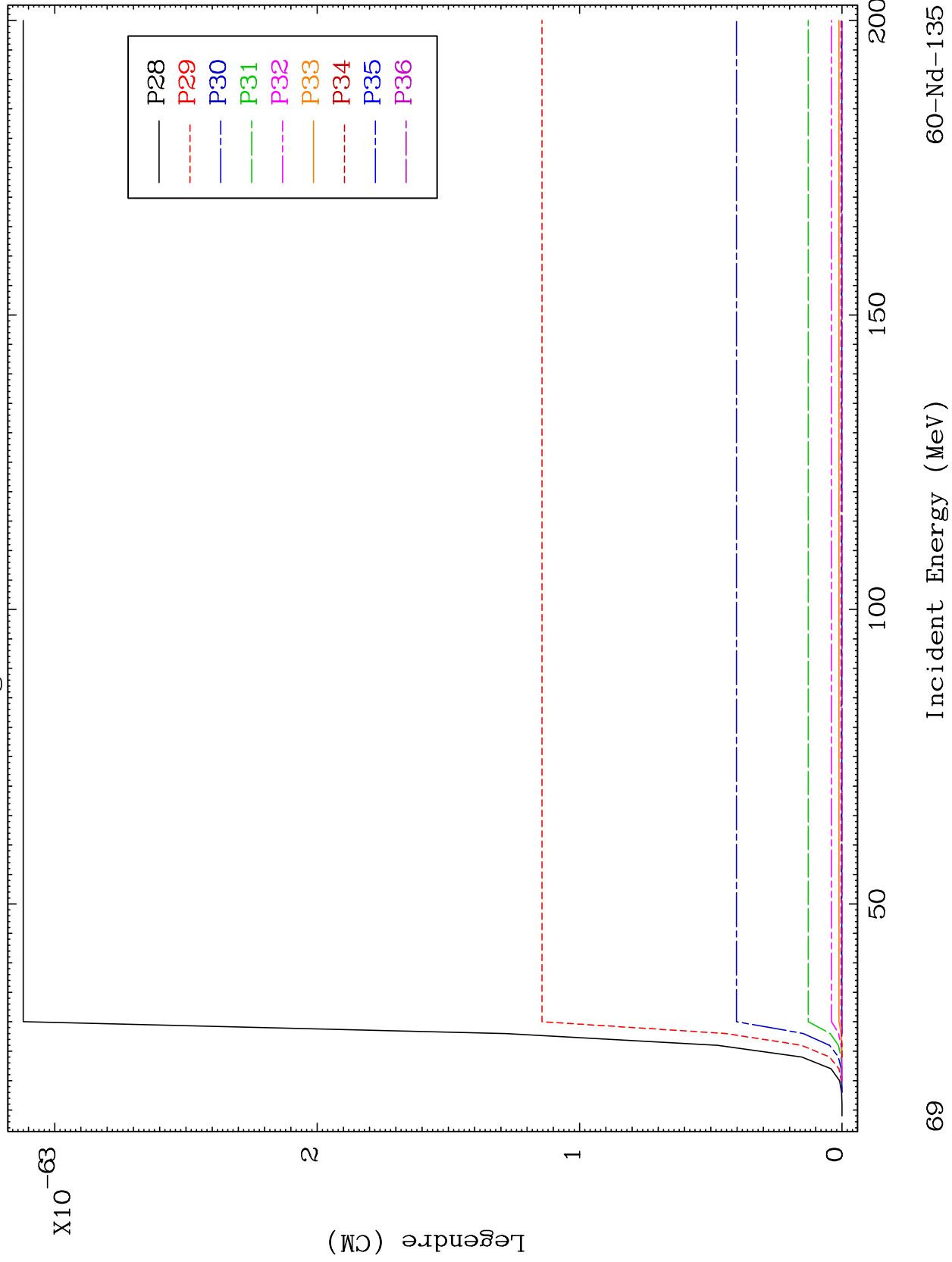
Incident Energy (MeV)

60-Nd-135

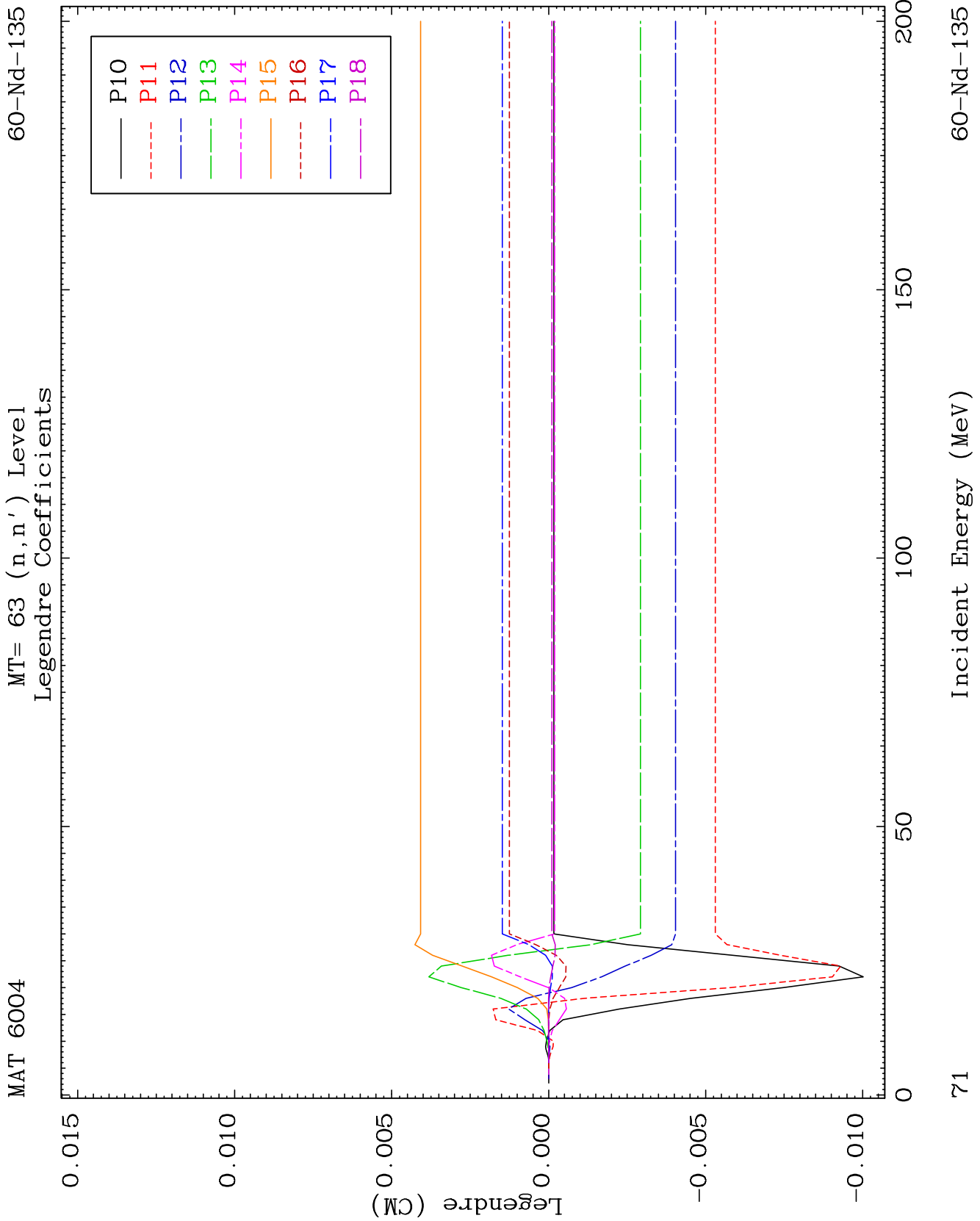
MAT 6004

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

60-Nd-135







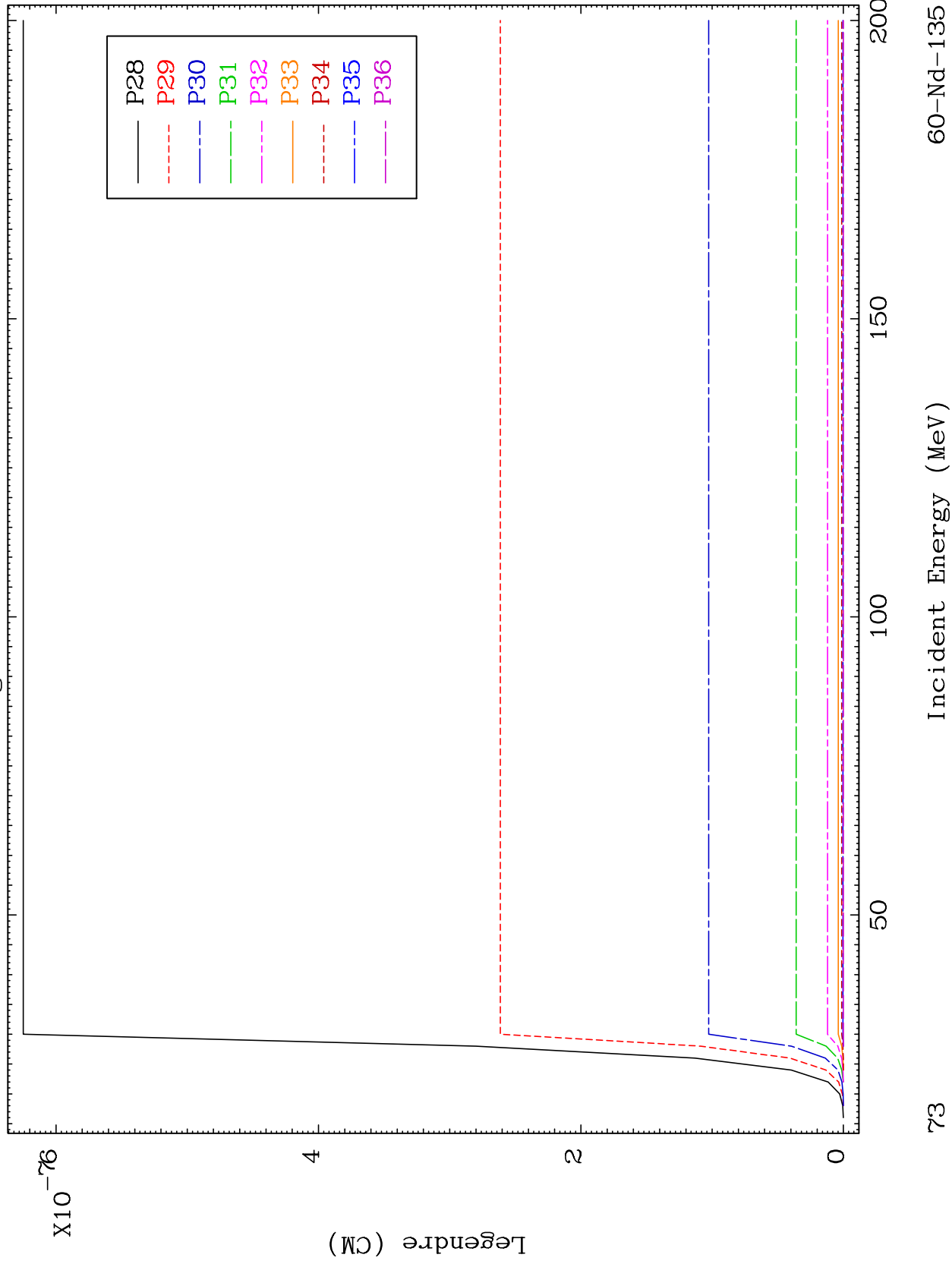


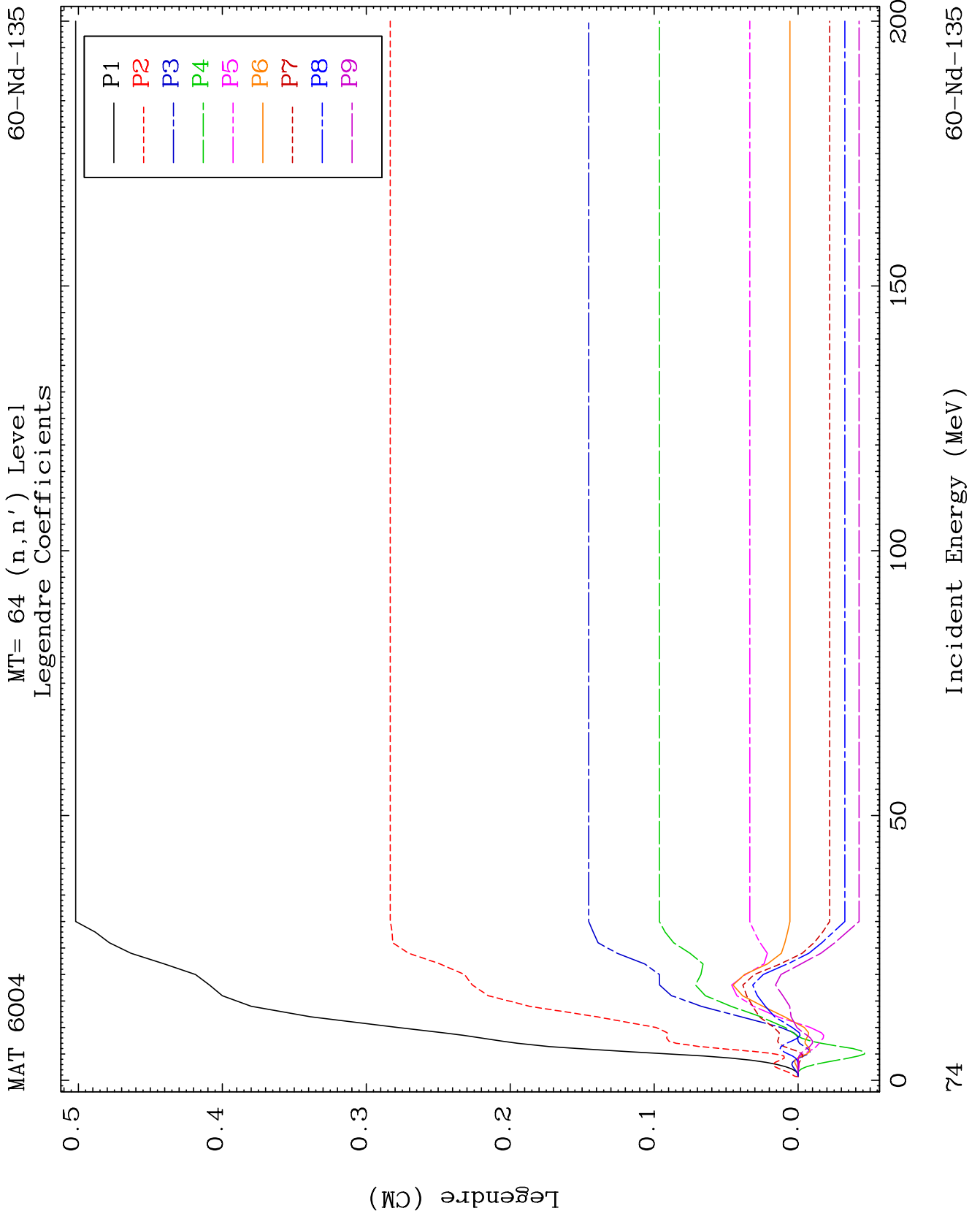


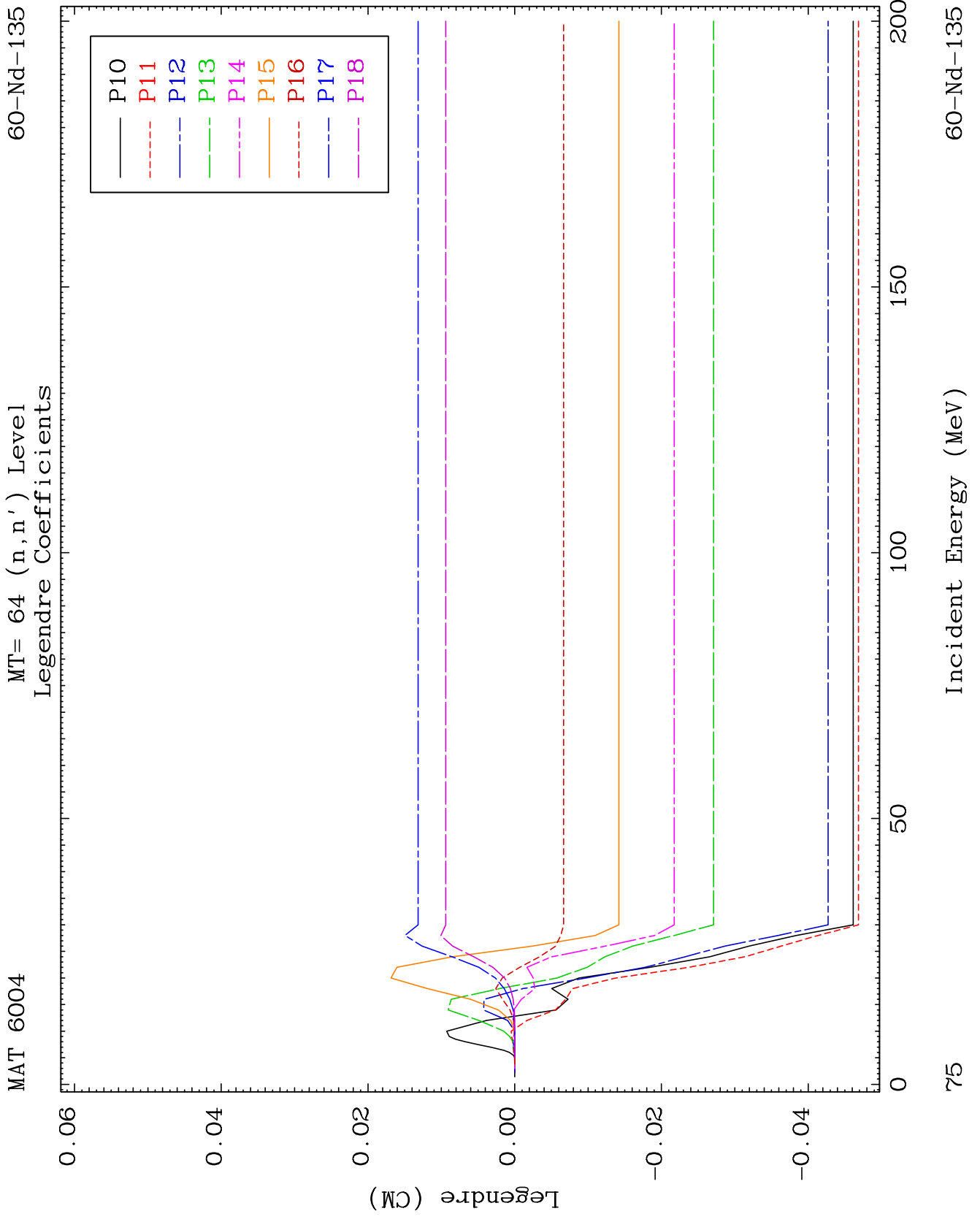
MAT 6004

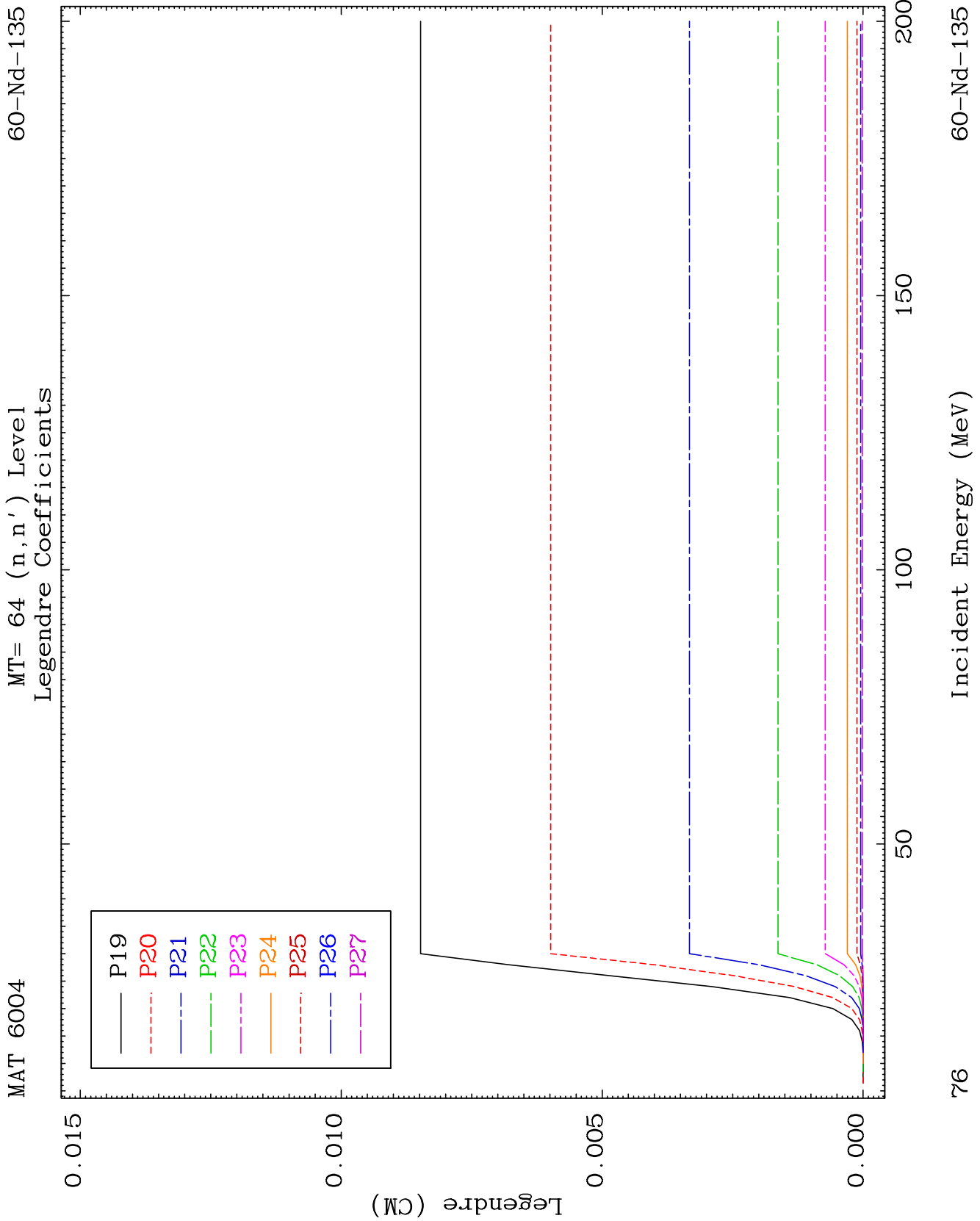
MT= 63 (n,n') Level  
Legendre Coefficients

60-Nd-135





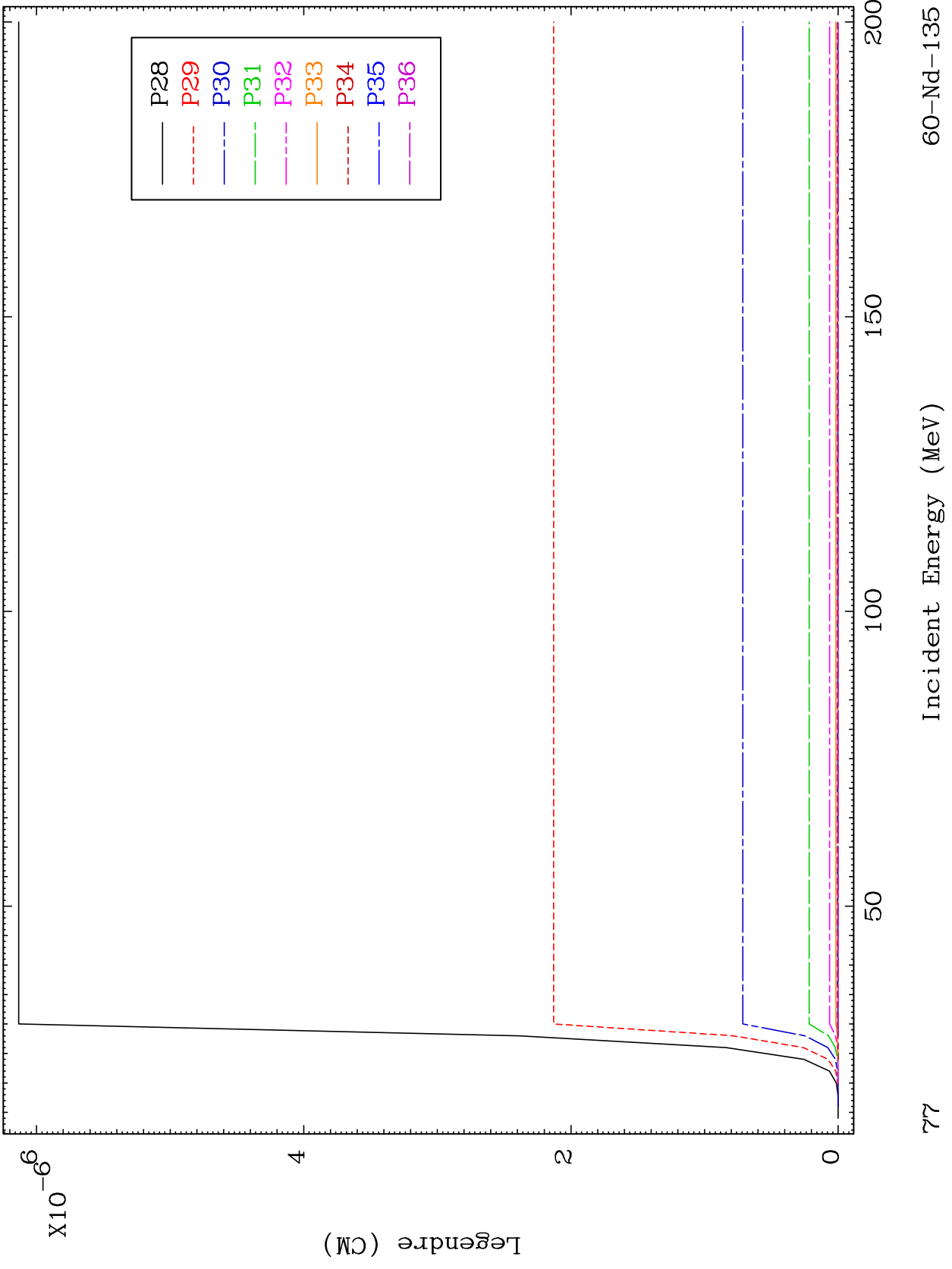


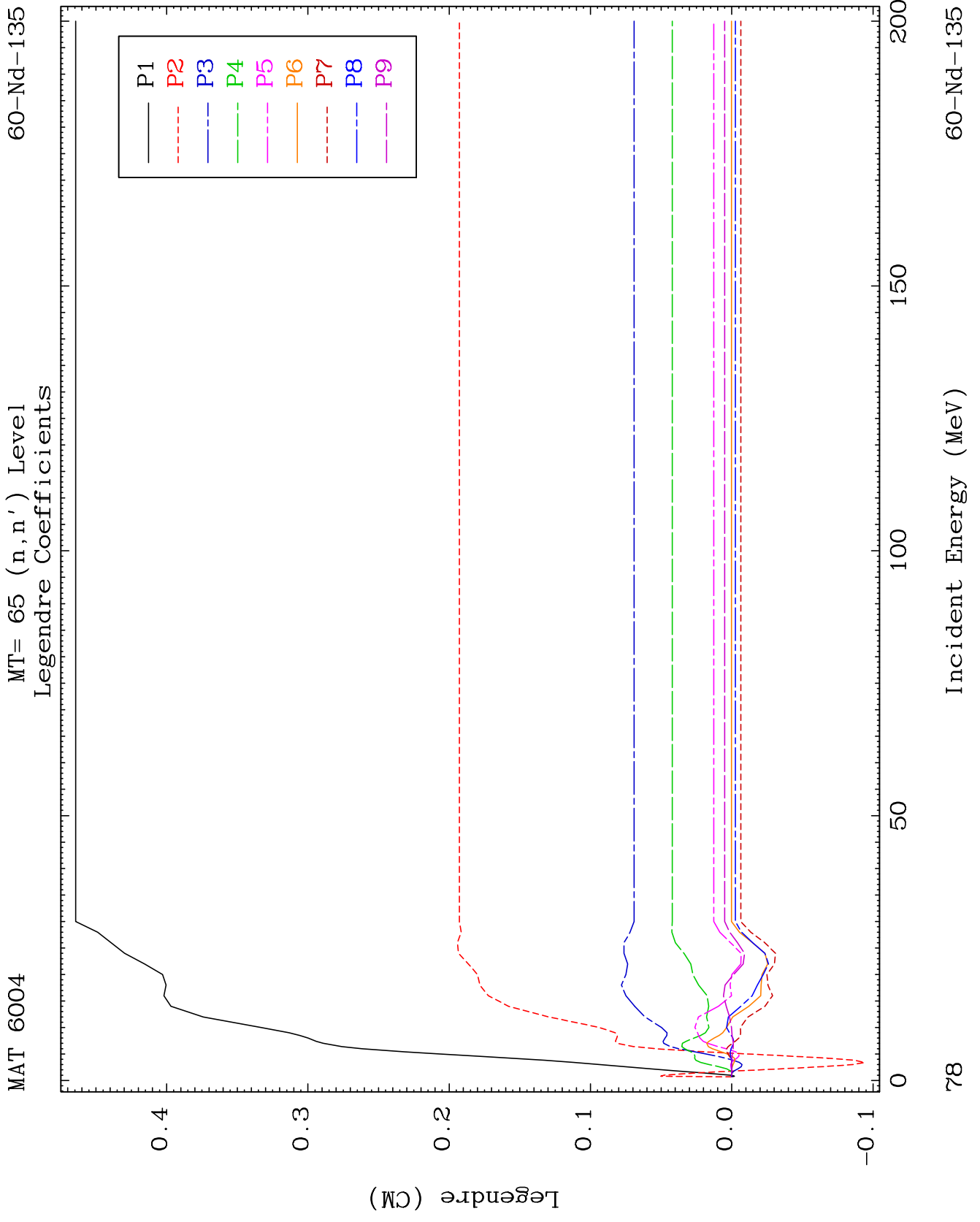


MAT 6004

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

60-Nd-135

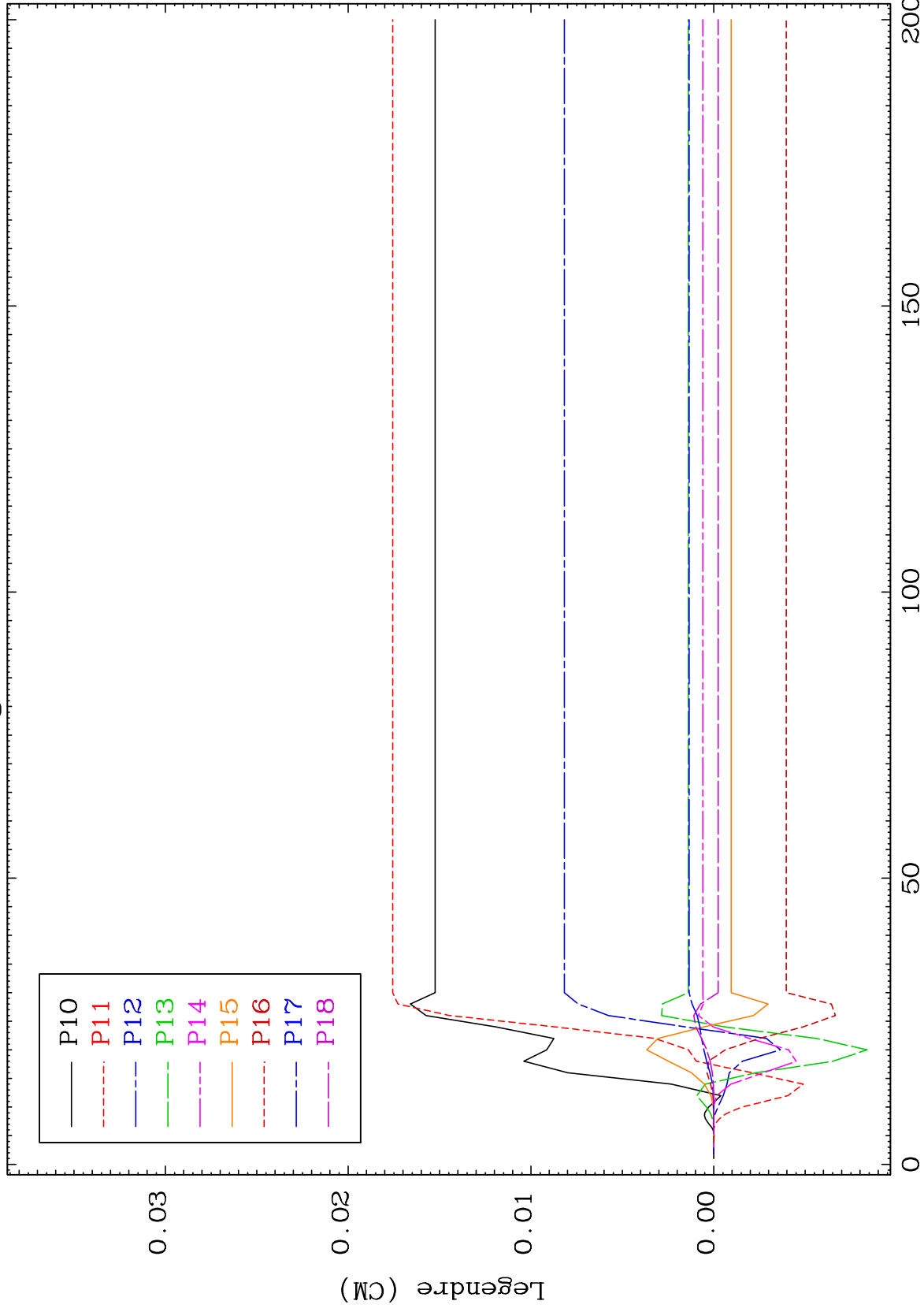




MAT 6004

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

60-Nd-135

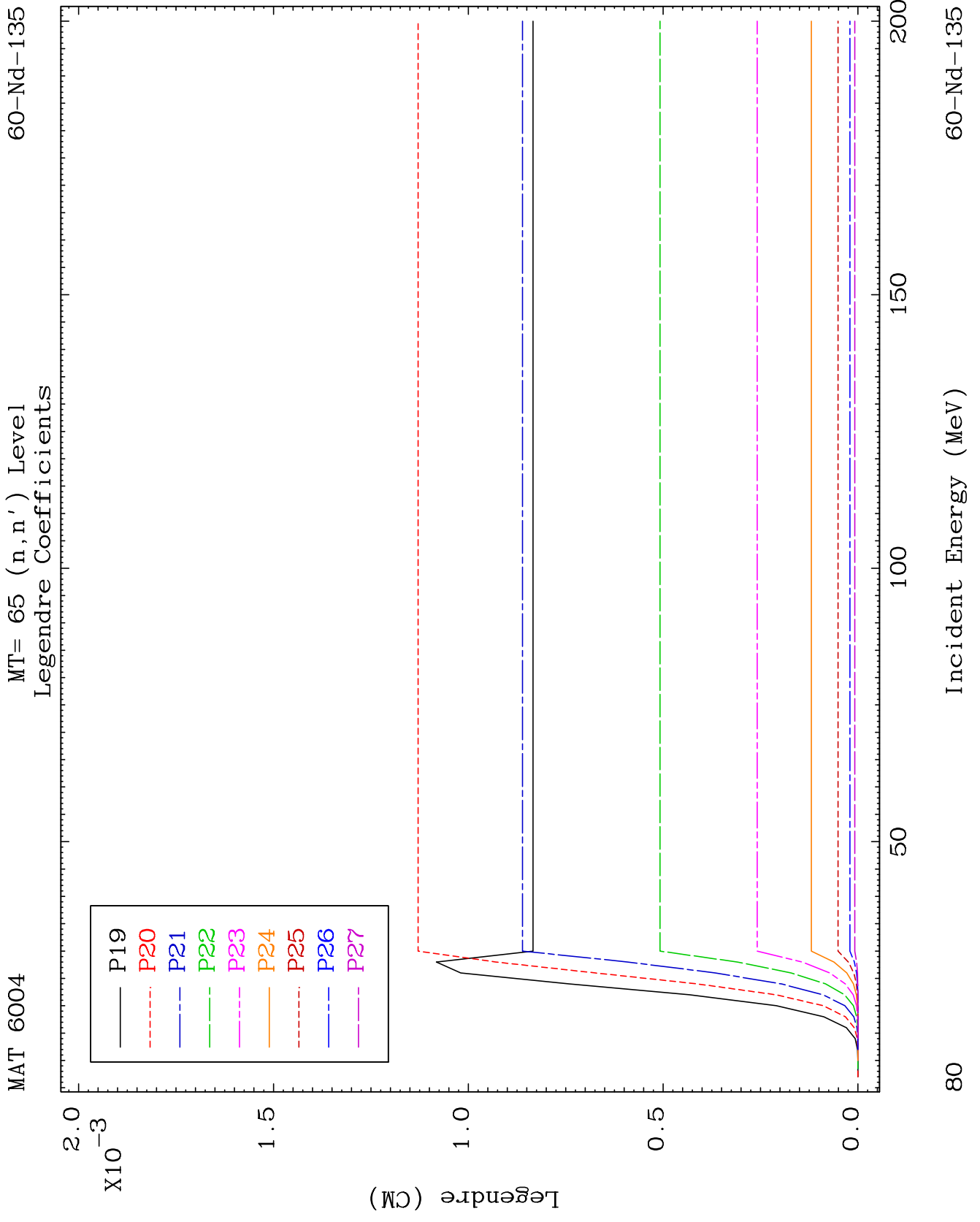


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Incident Energy (MeV)

60-Nd-135

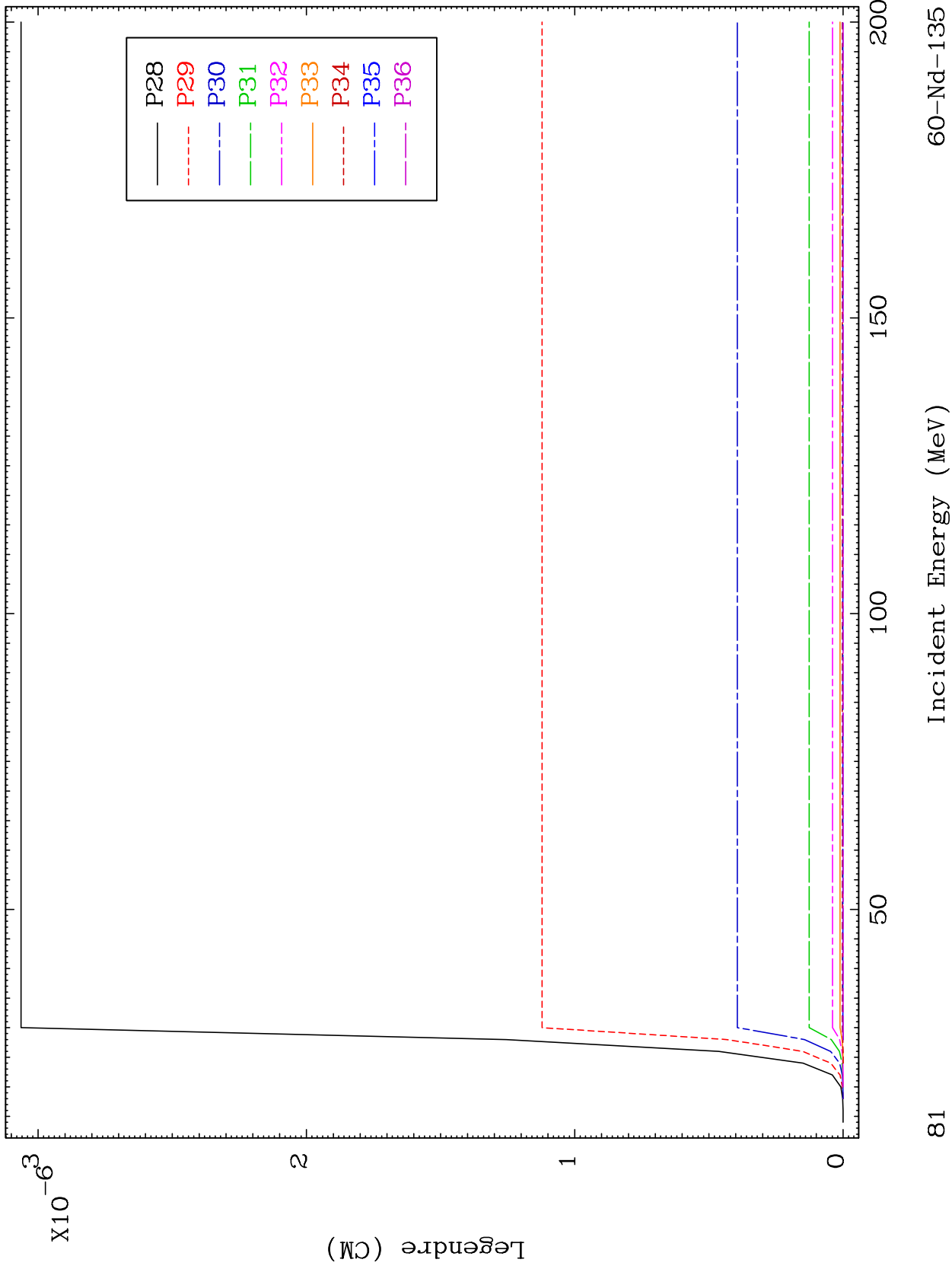


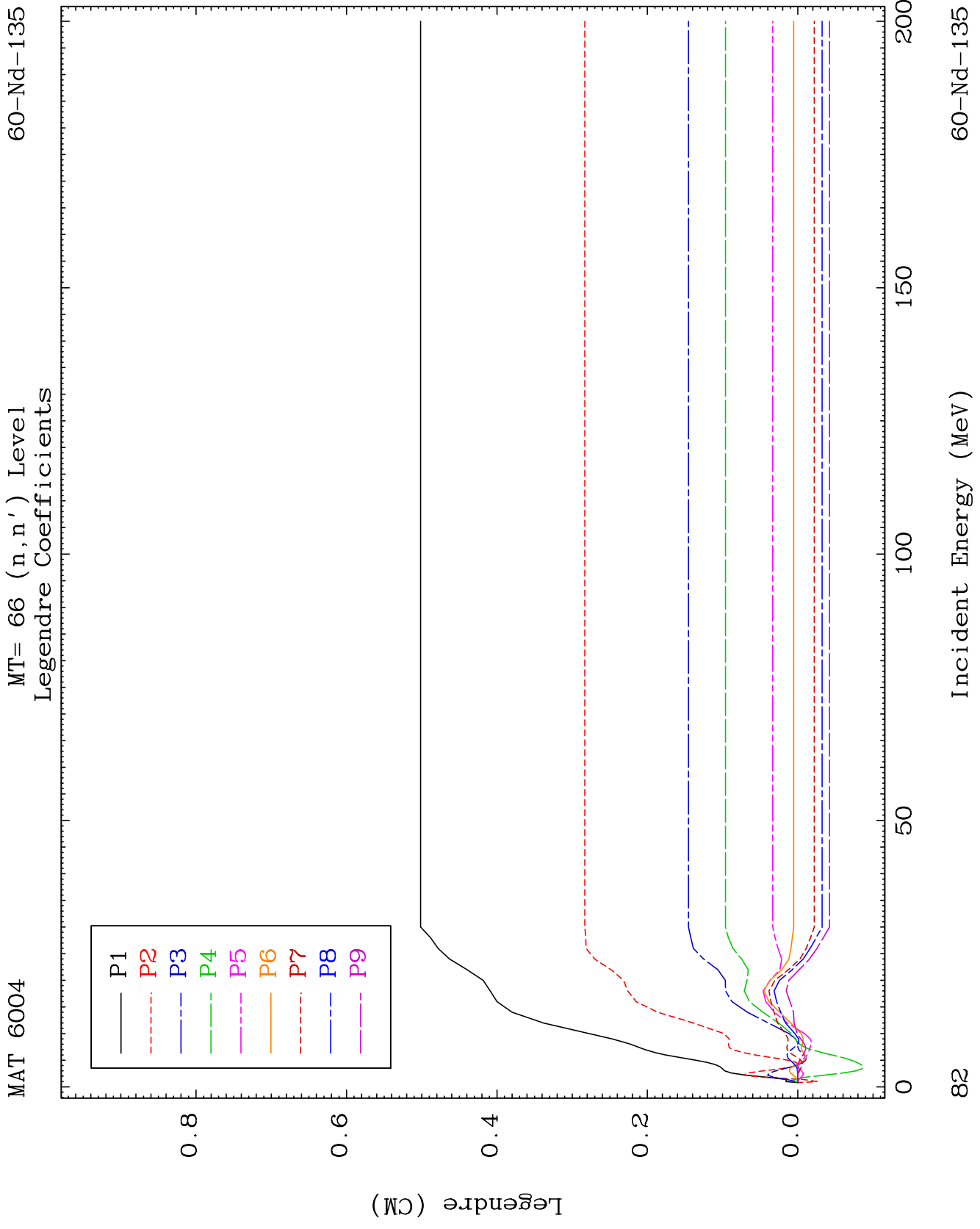


MAT 6004

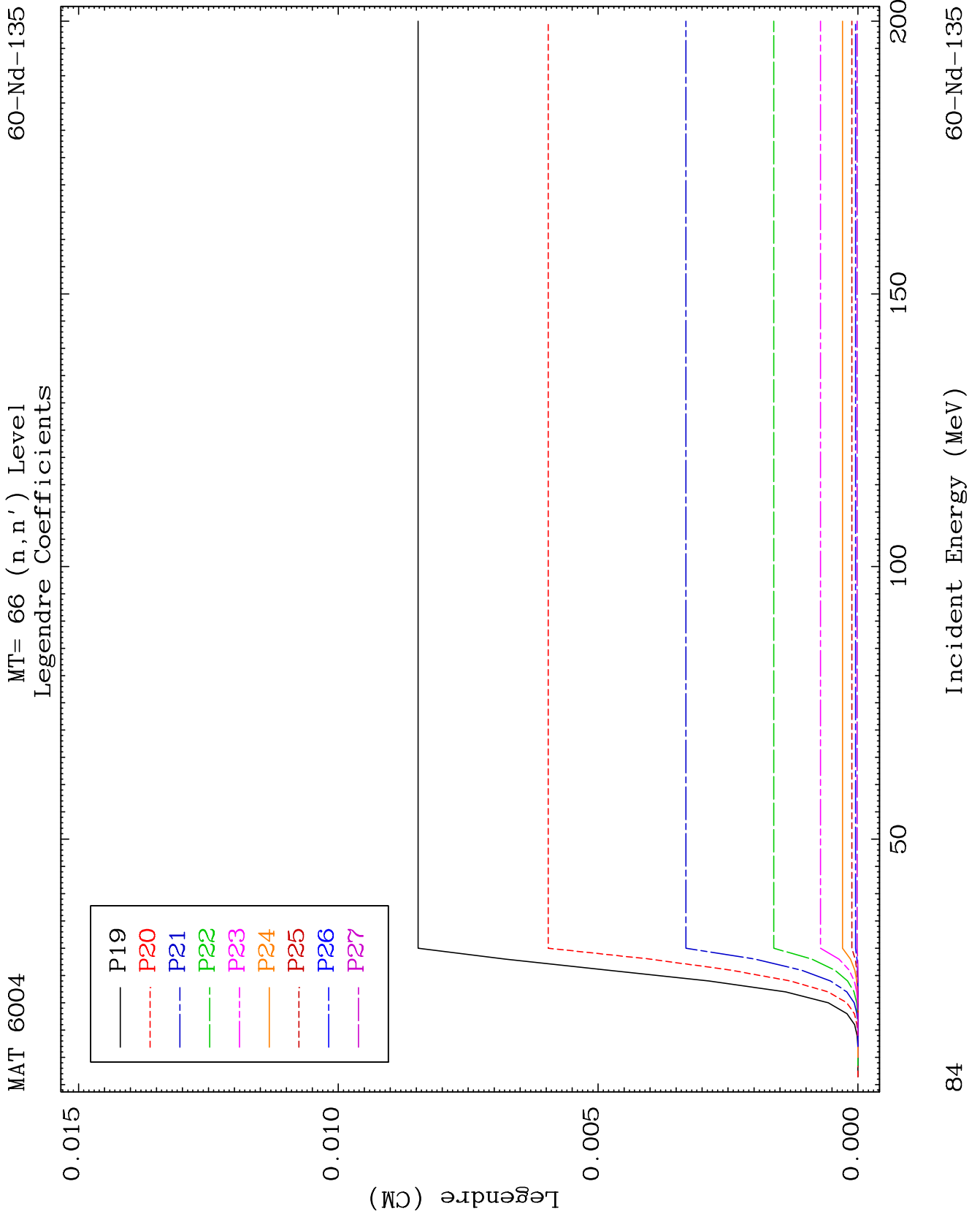
MT= 65 (n,n') Level  
Legendre Coefficients

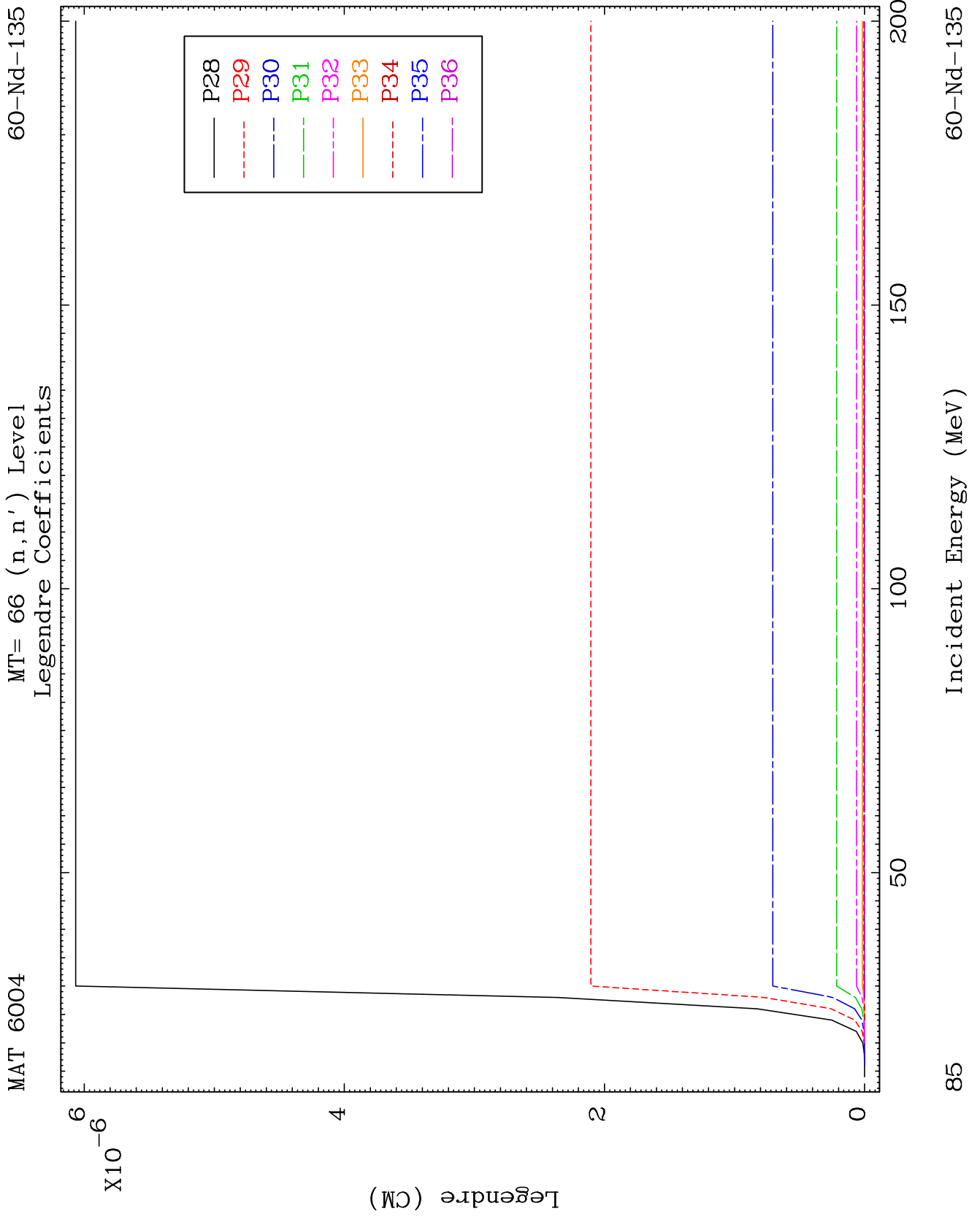
60-Nd-135

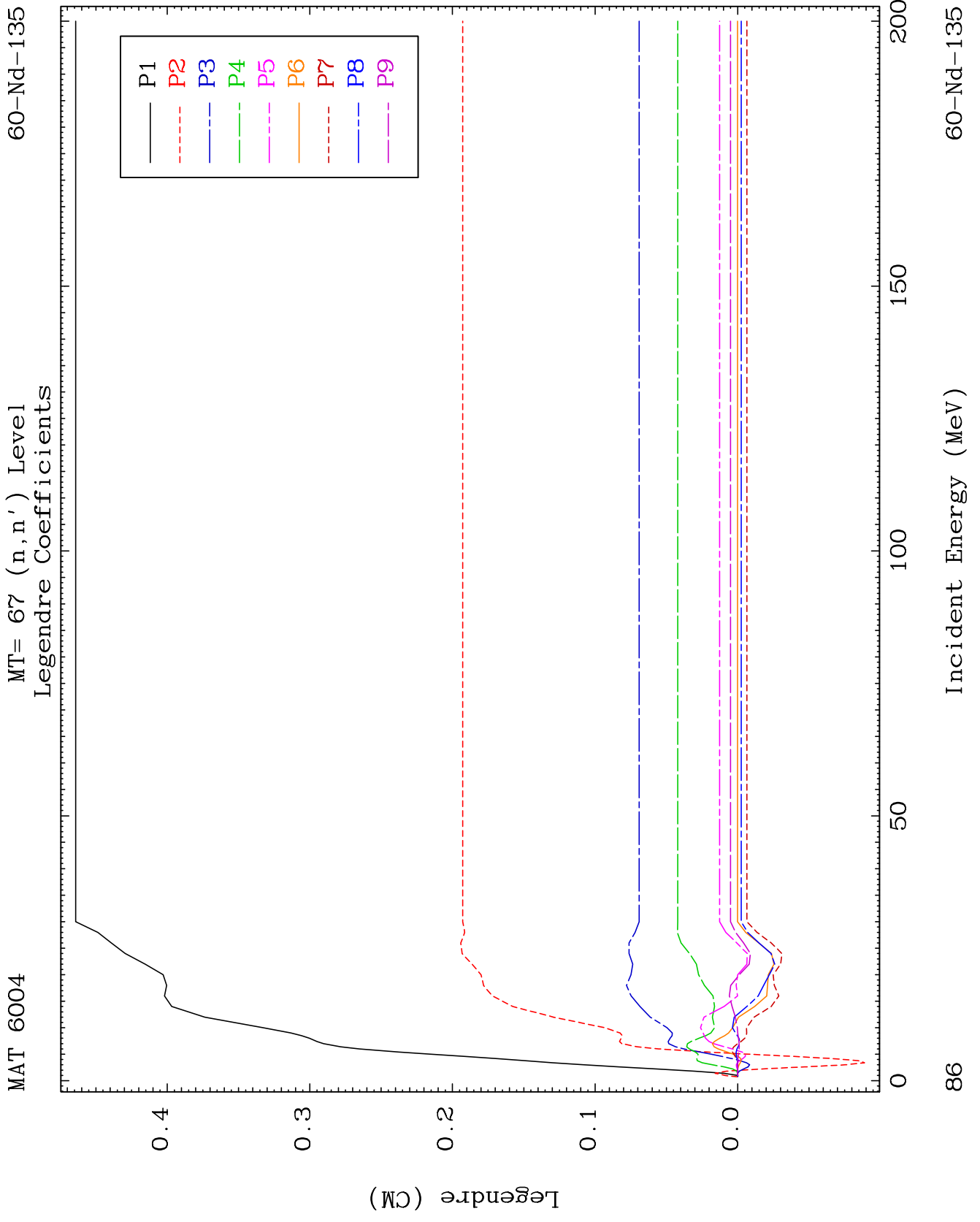








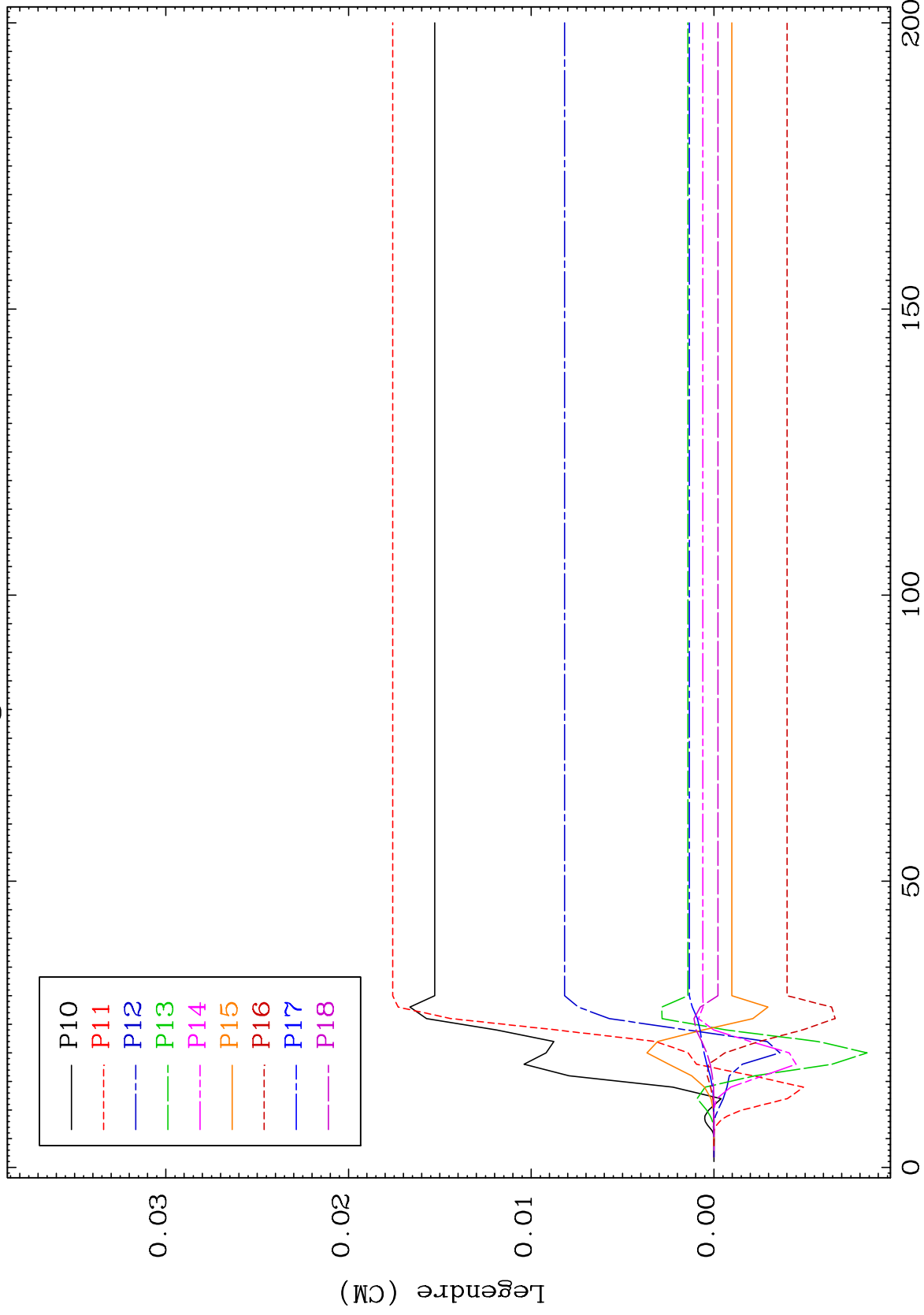




MAT 6004

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

60-Nd-135

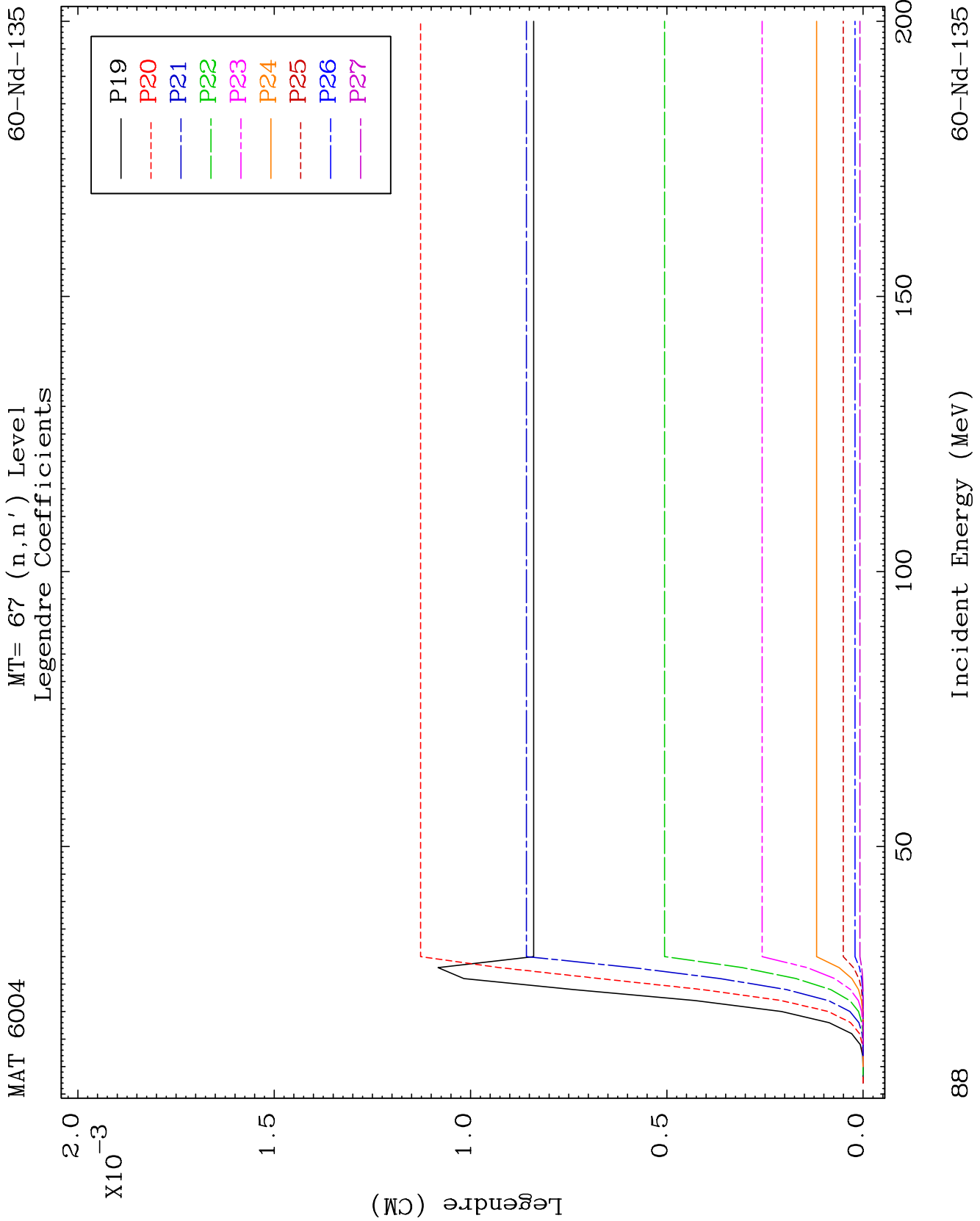


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Incident Energy (MeV)

60-Nd-135

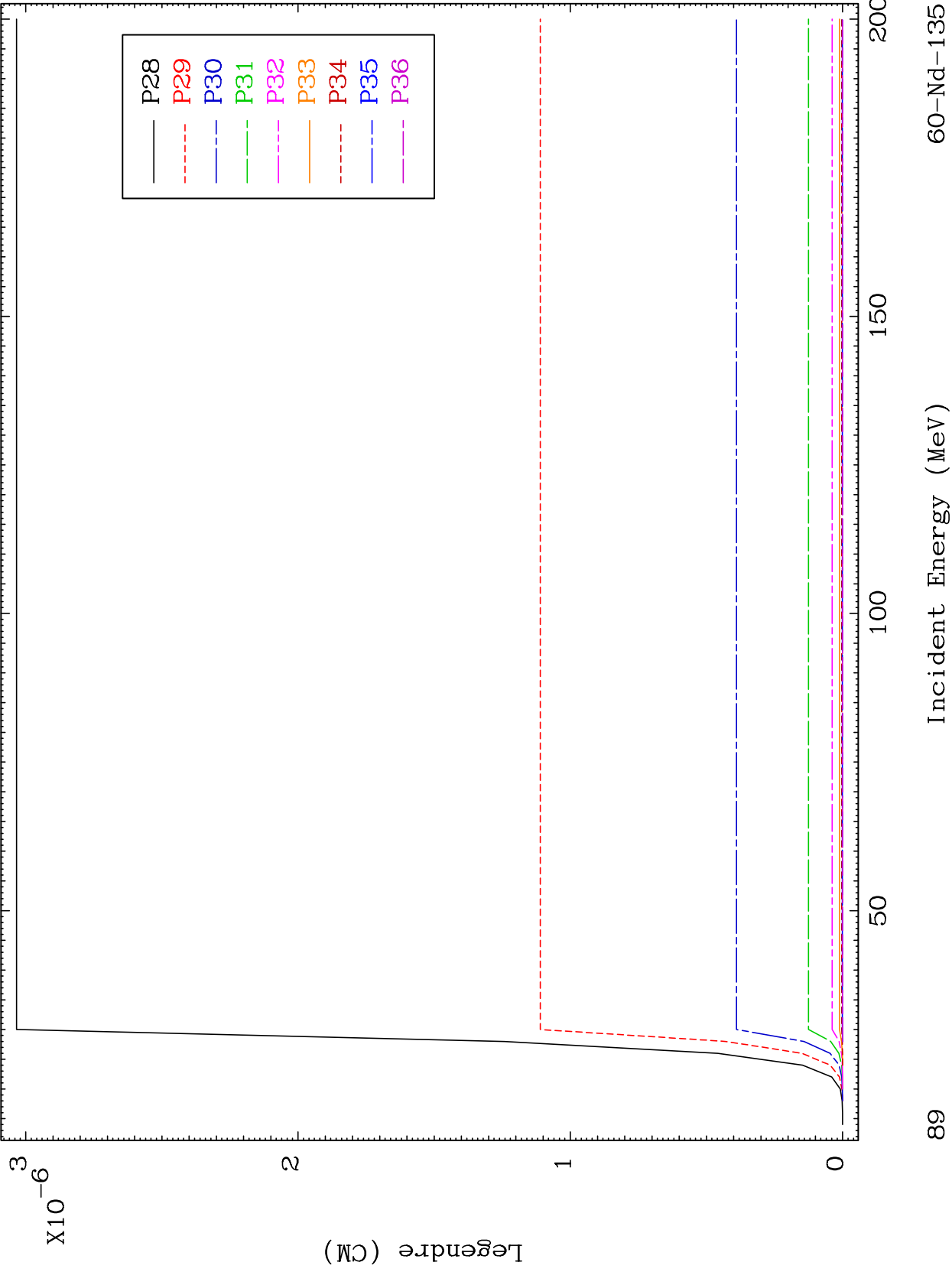


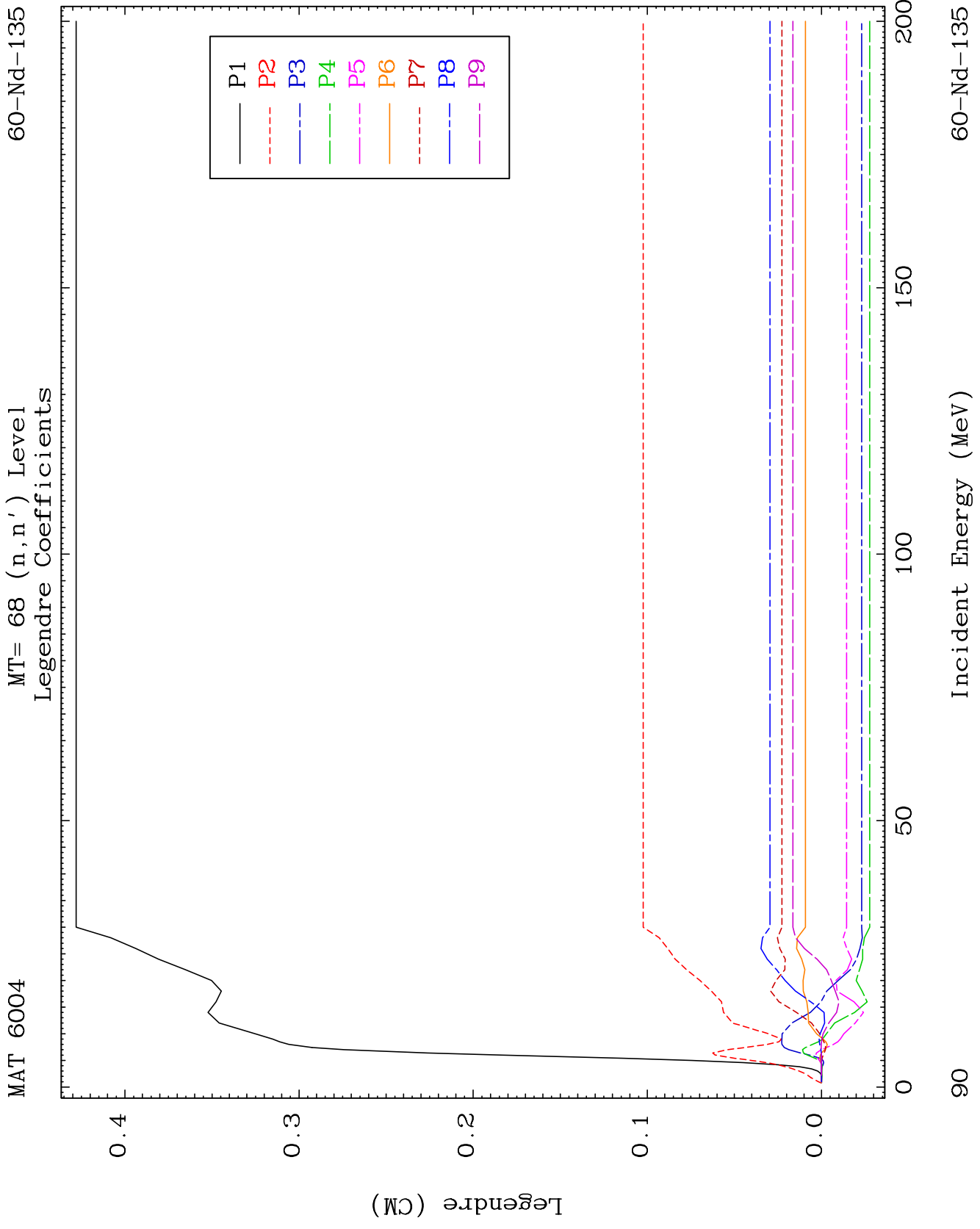


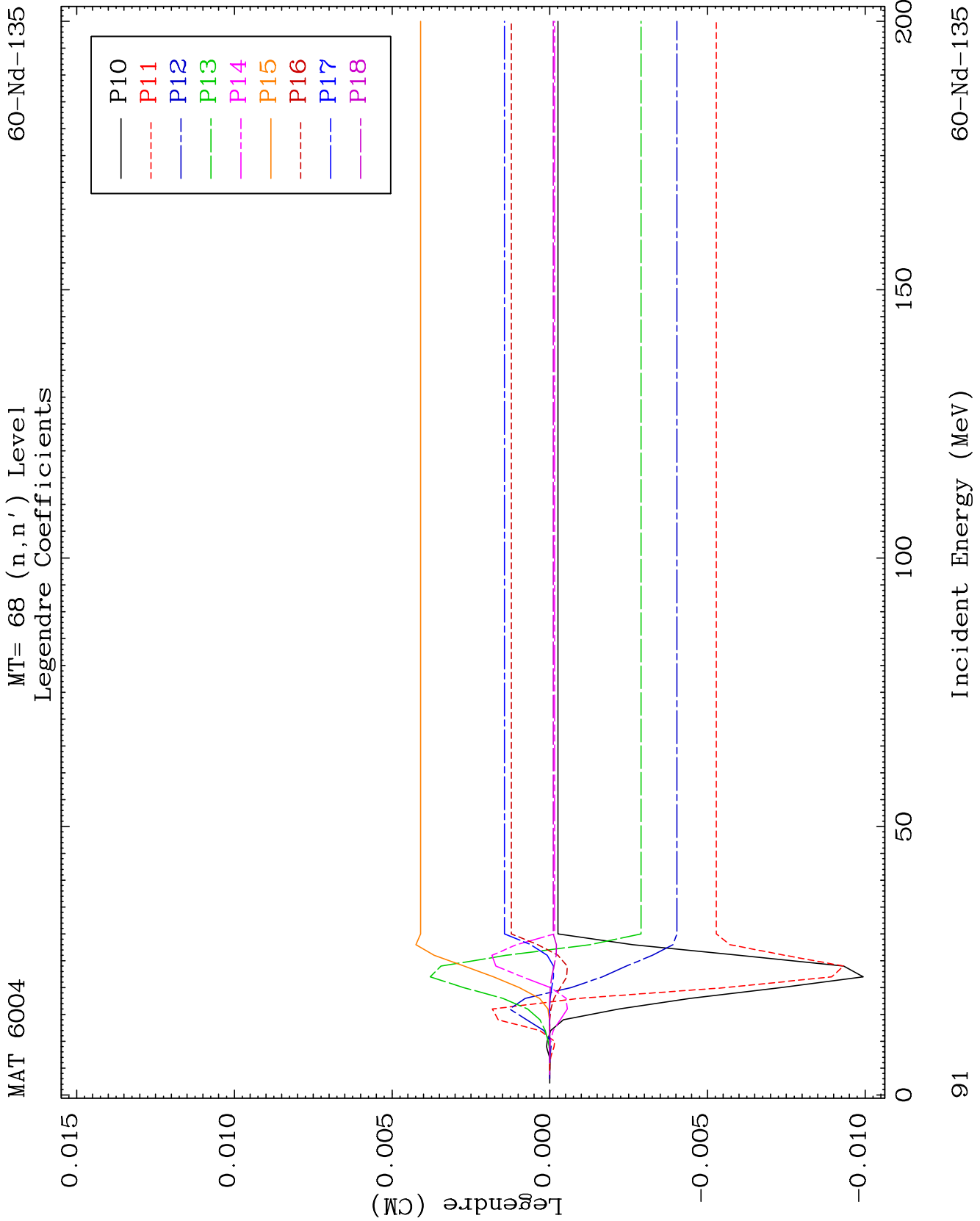
MAT 6004

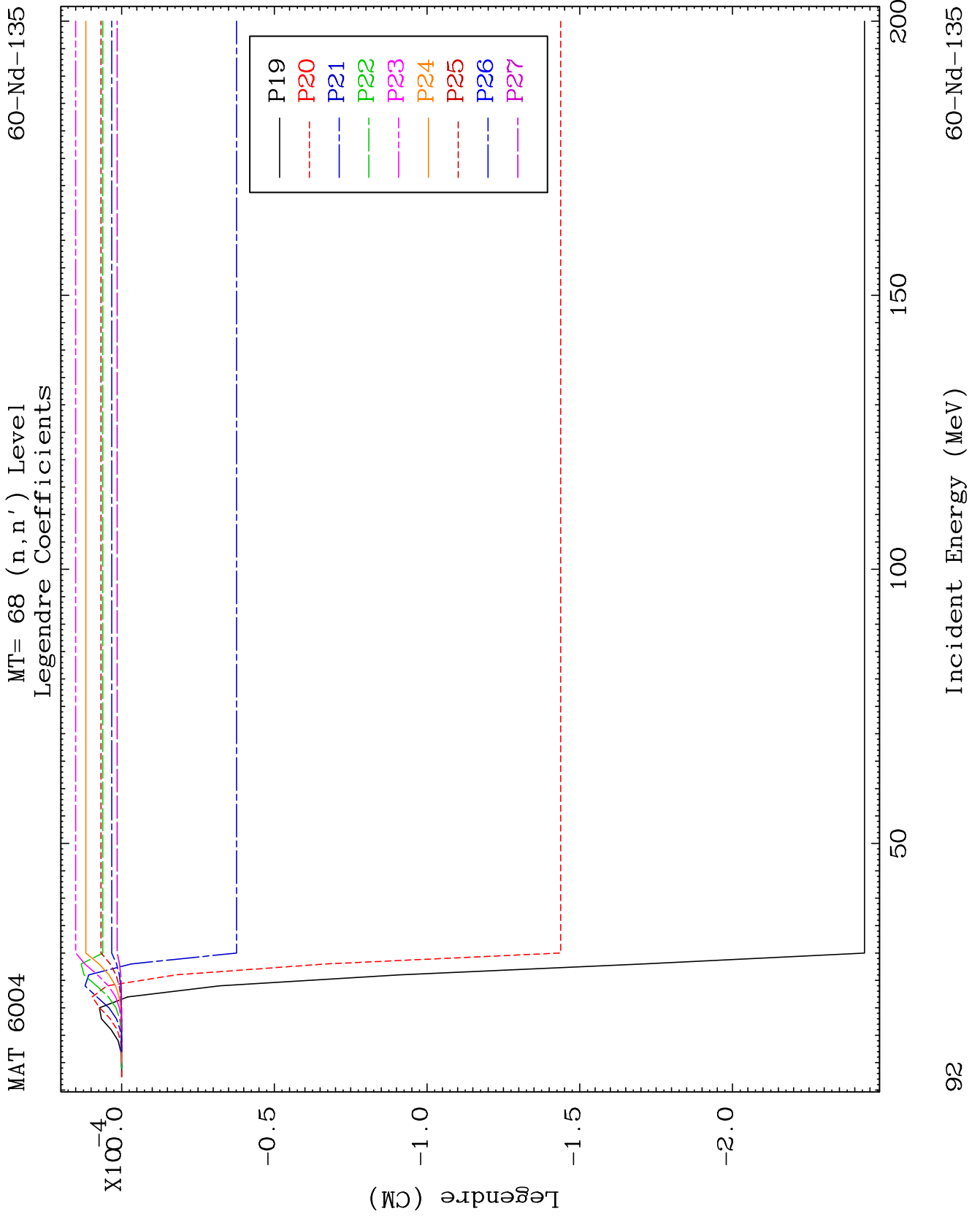
MT= 67 (n,n') Level  
Legendre Coefficients

60-Nd-135





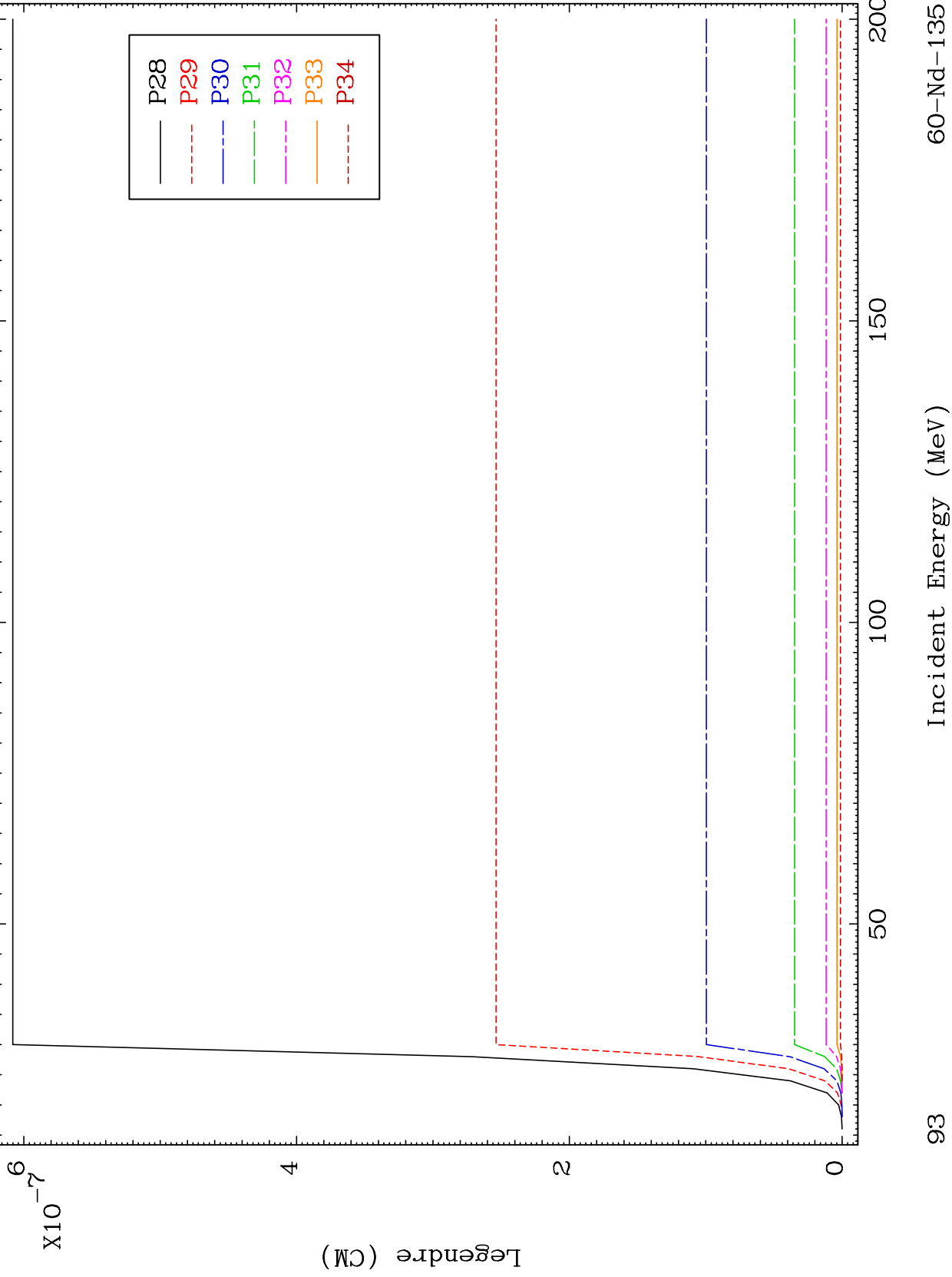


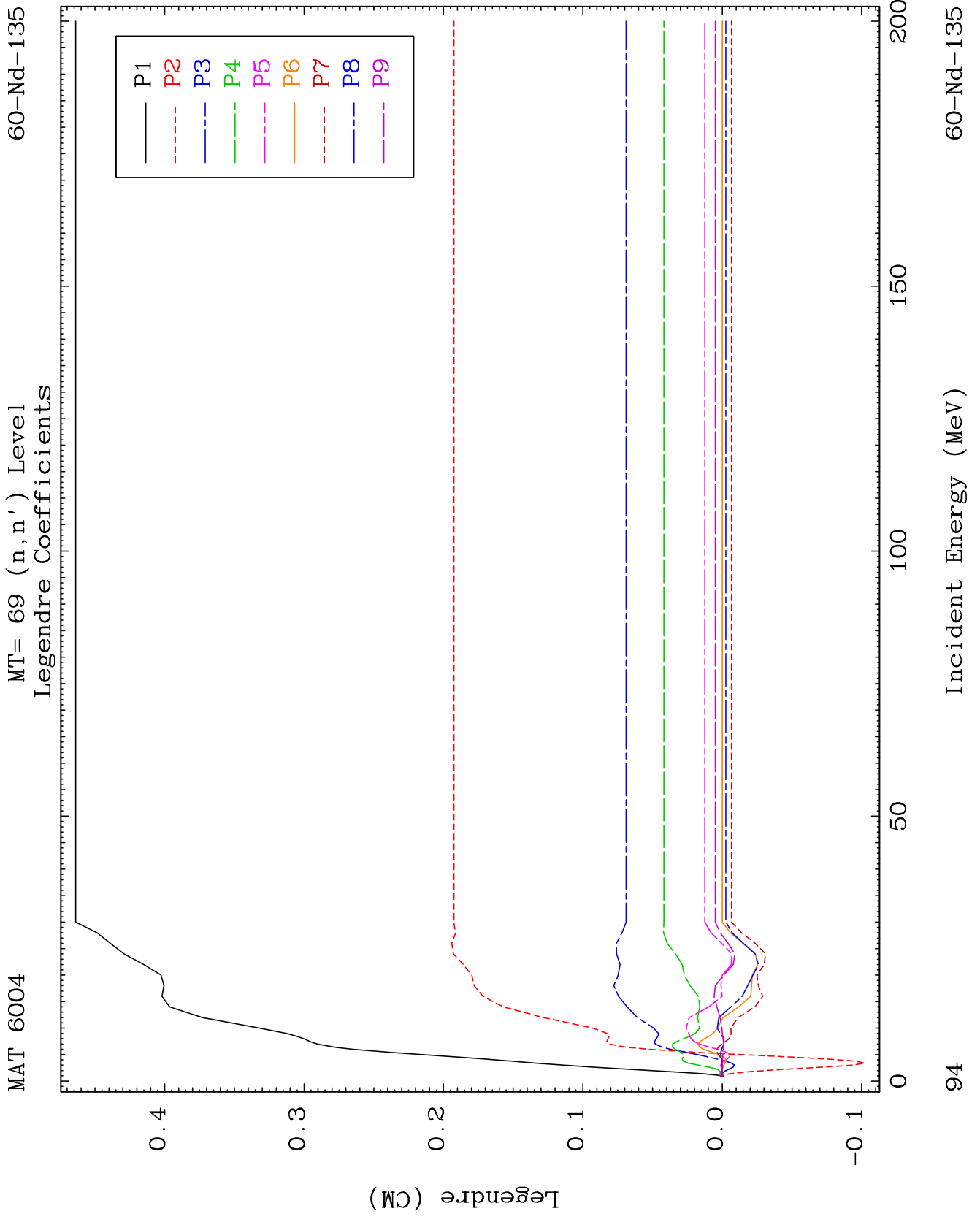


MAT 6004

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

60-Nd-135

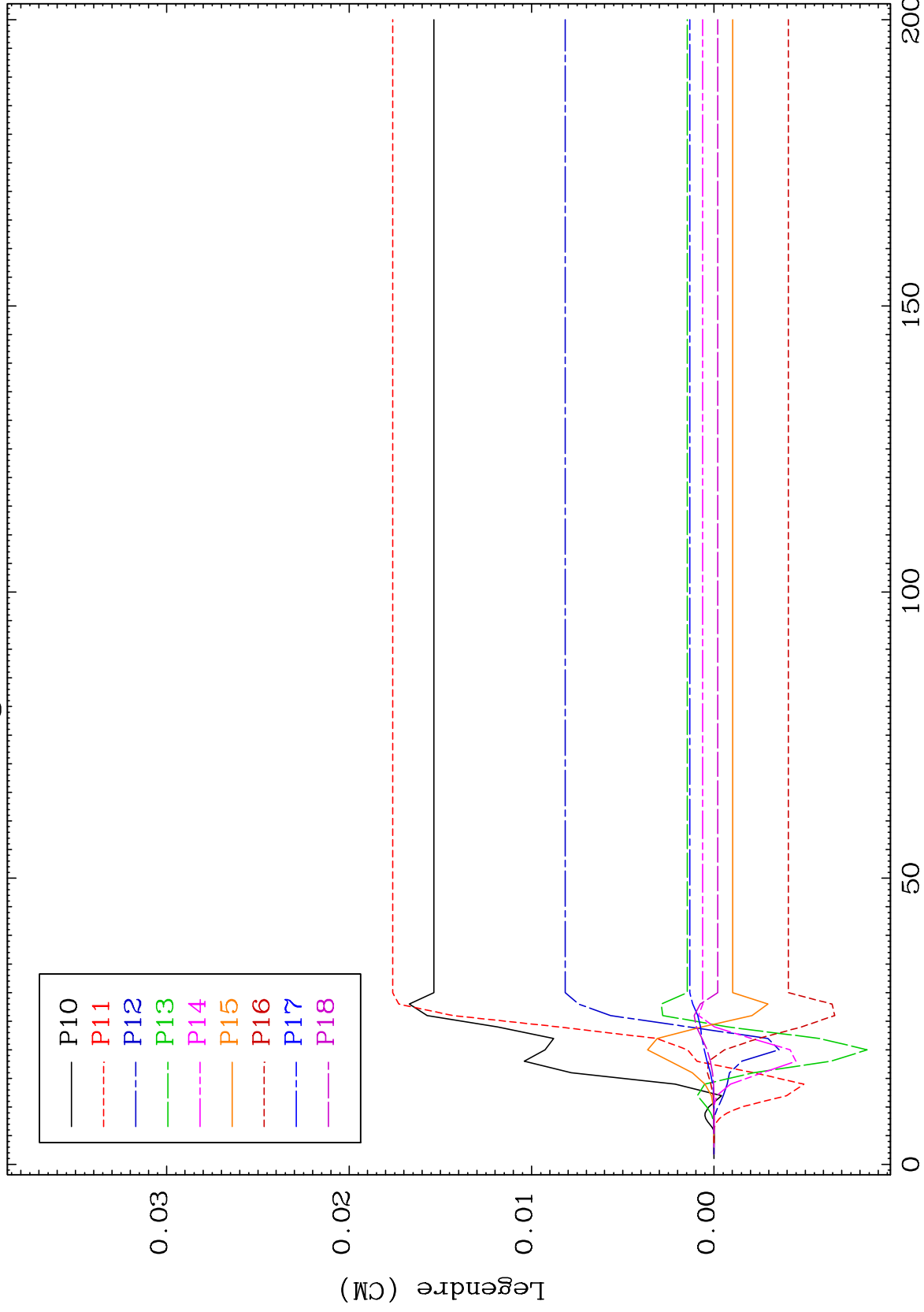




MAT 6004

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

60-Nd-135



95

Incident Energy (MeV)

60-Nd-135

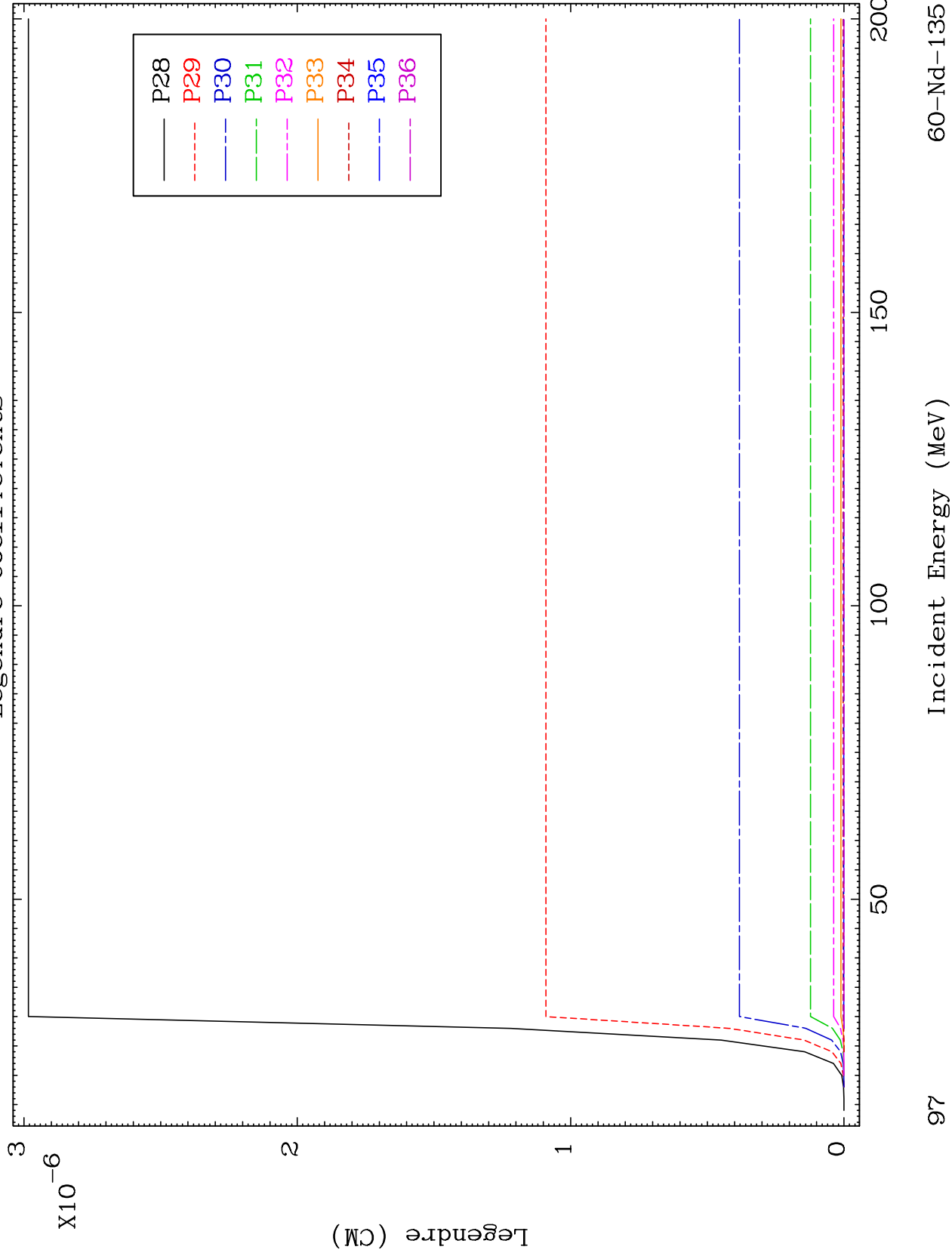


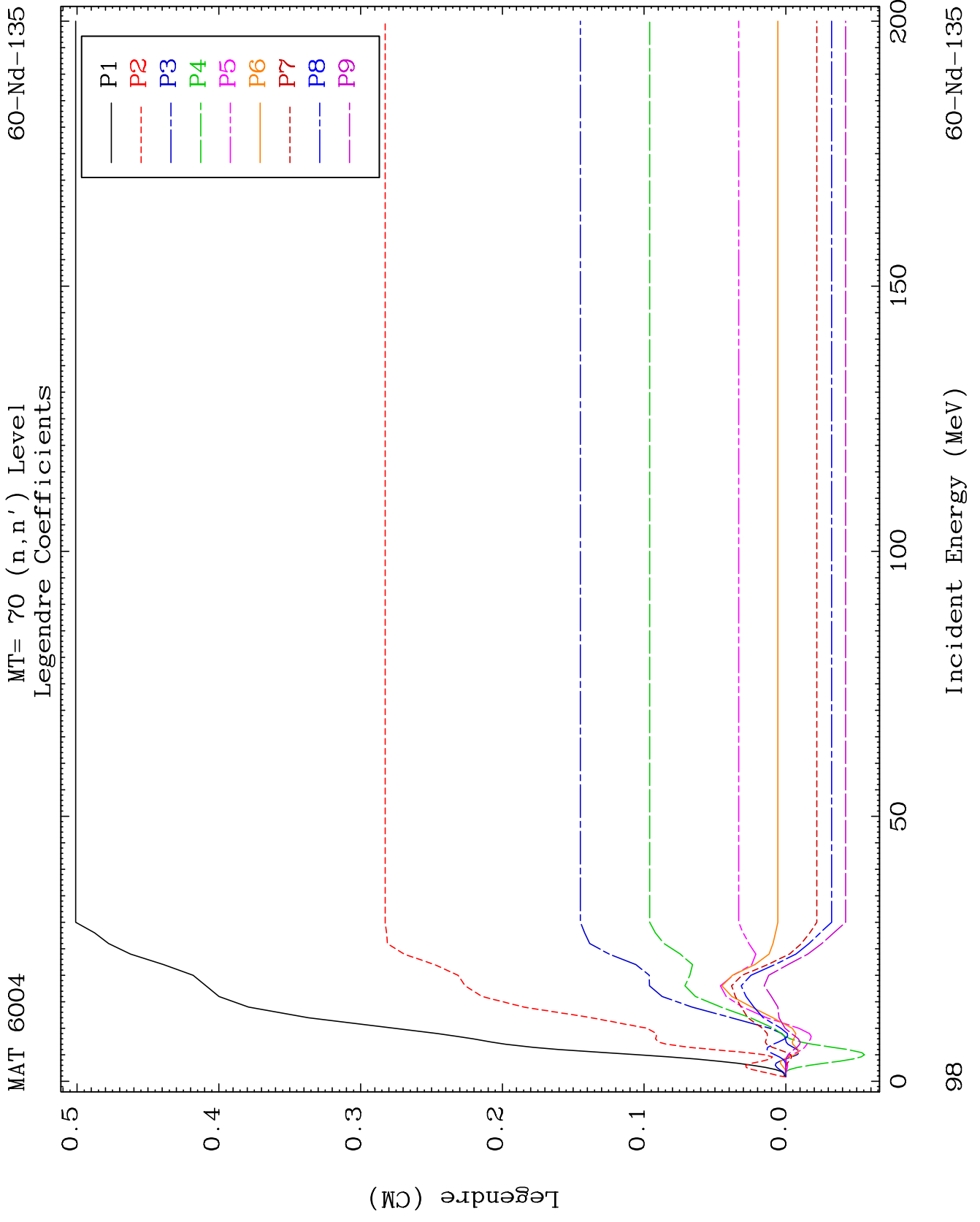


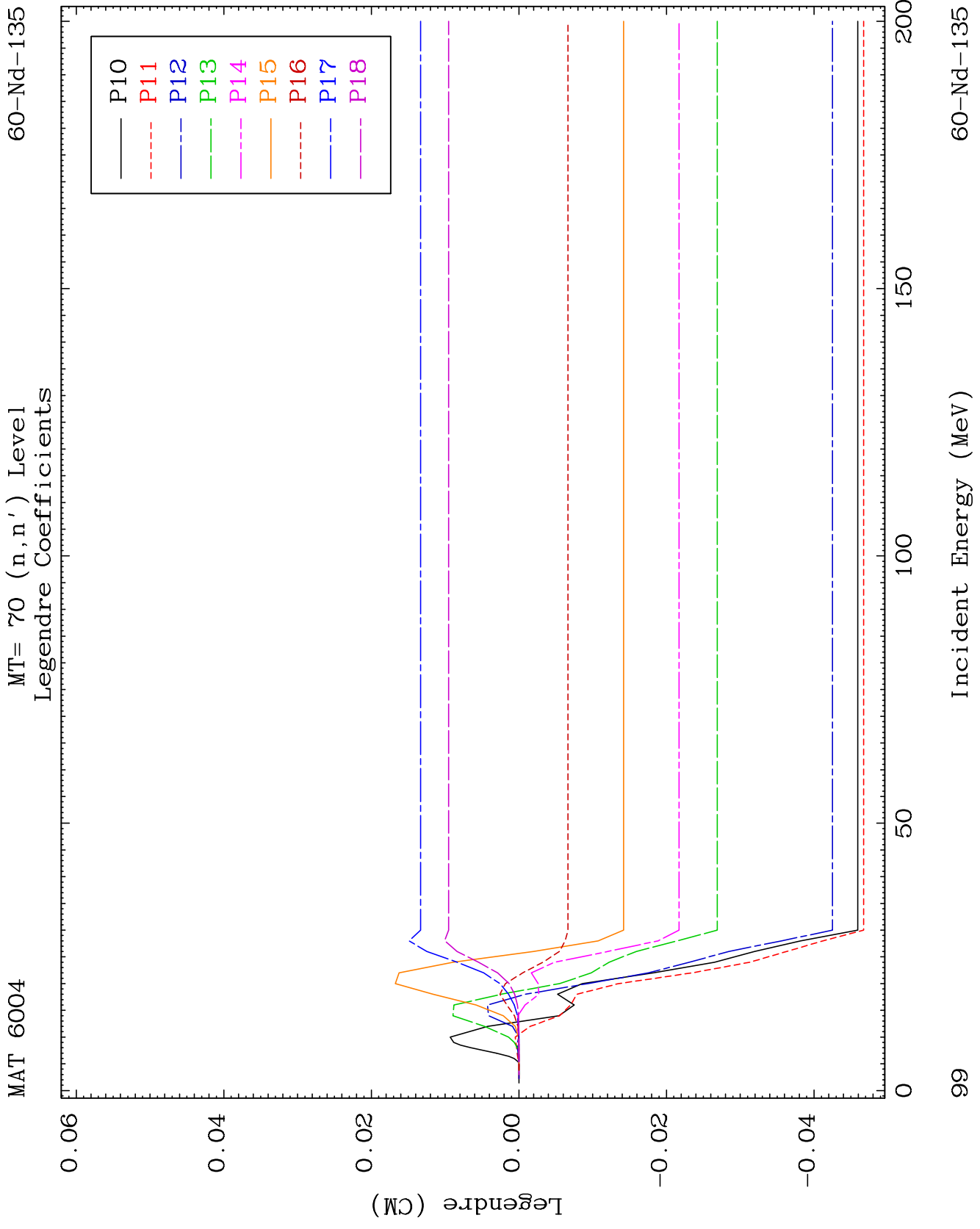
MAT 6004

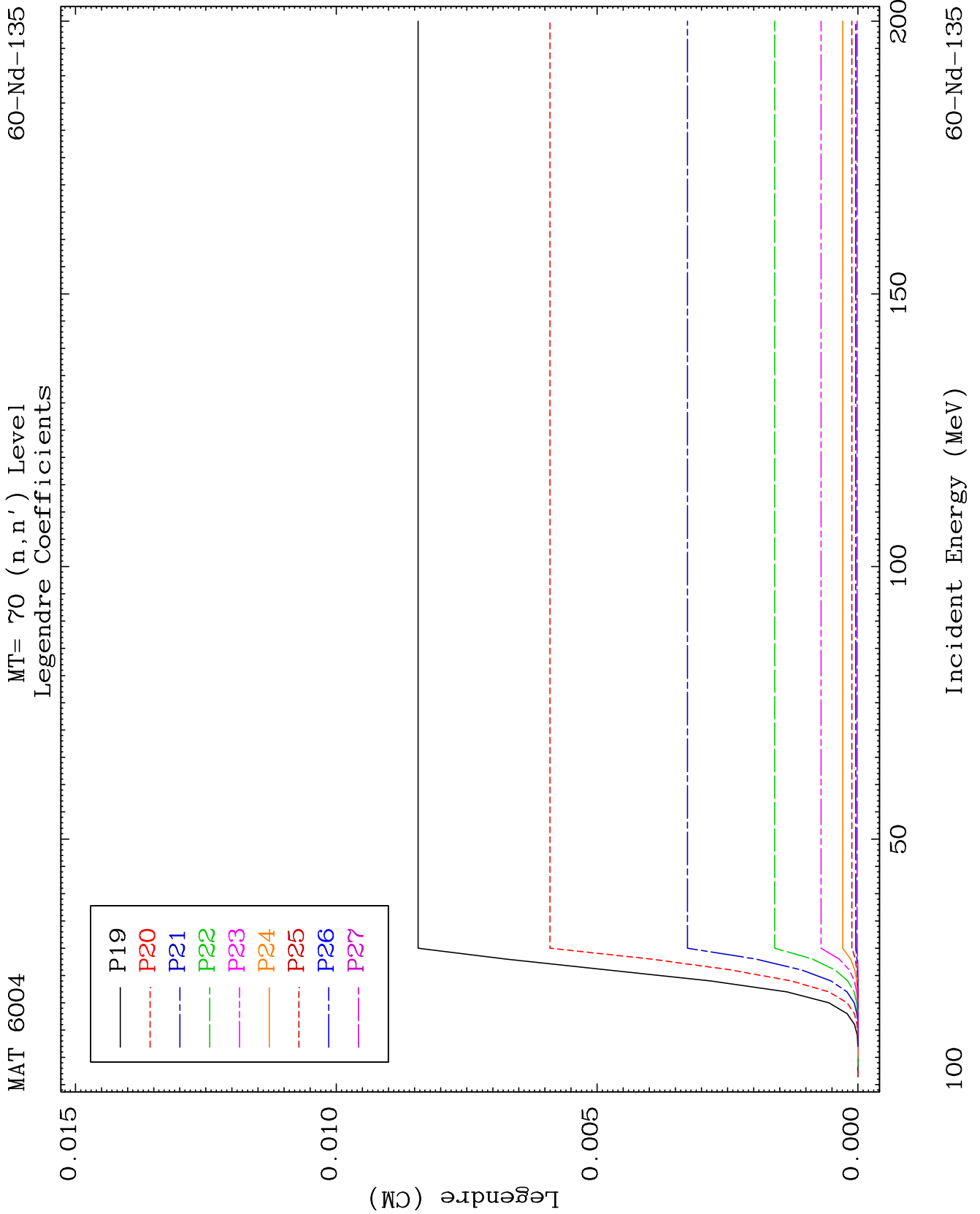
MT= 69 (n,n') Level  
Legendre Coefficients

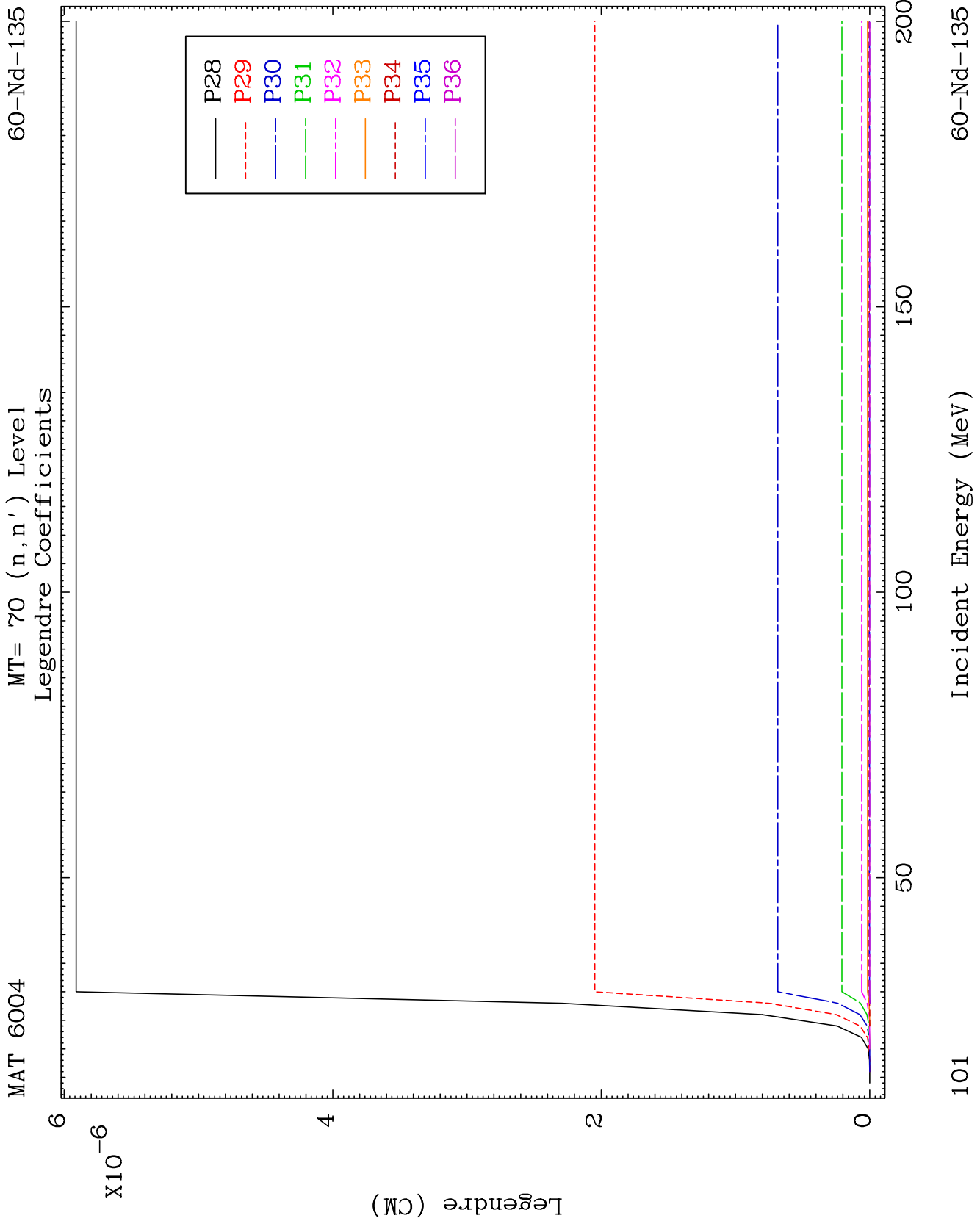
60-Nd-135

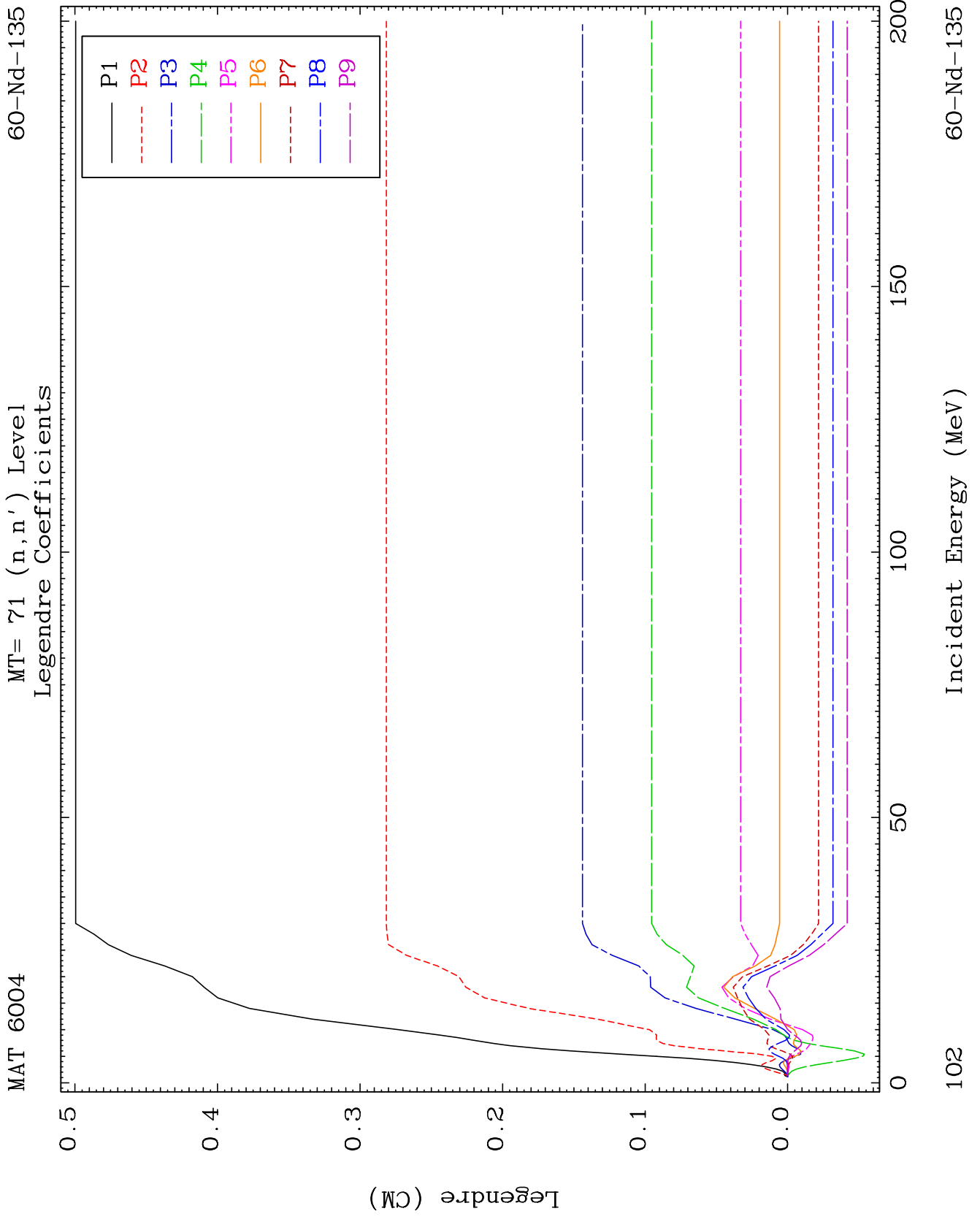


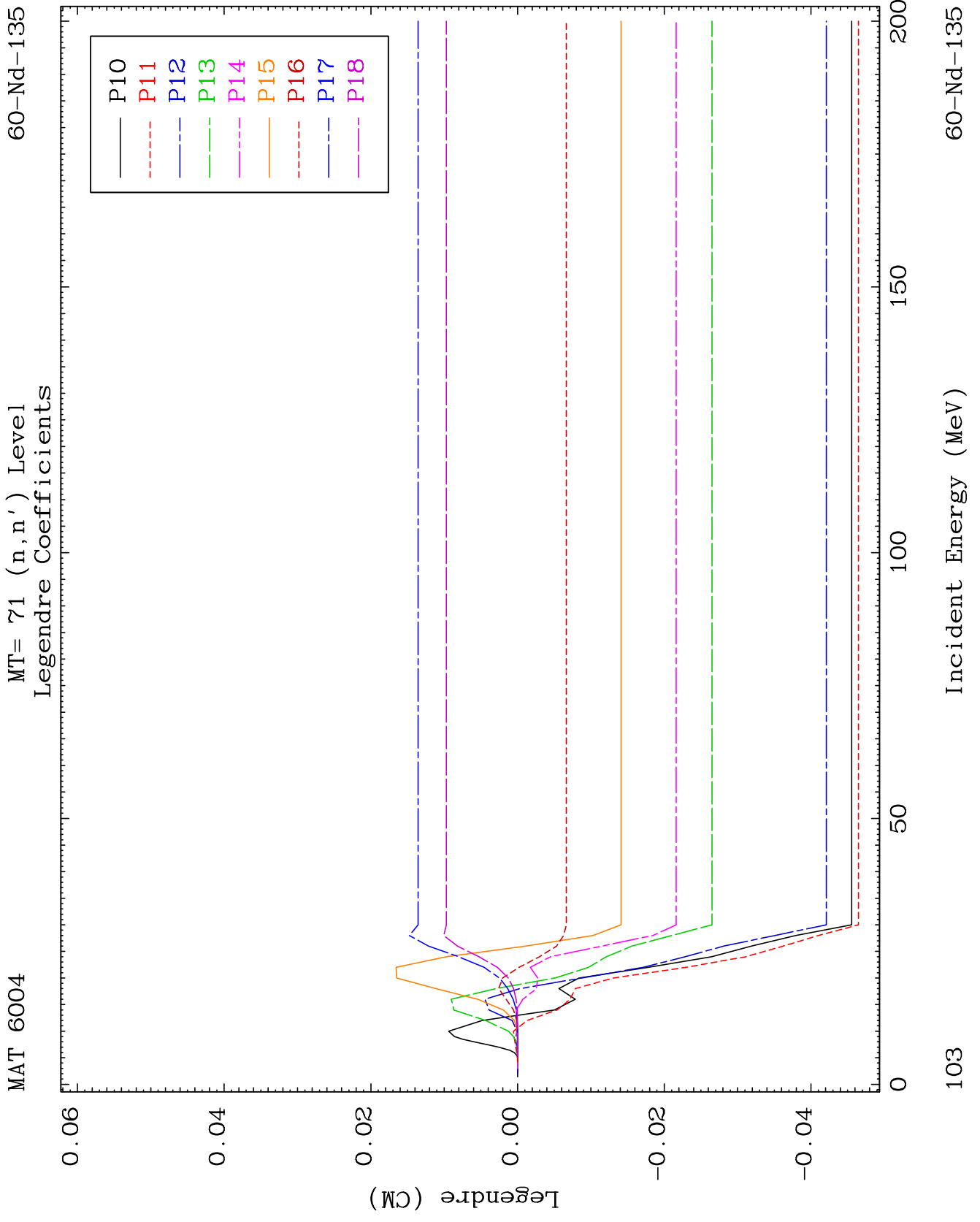






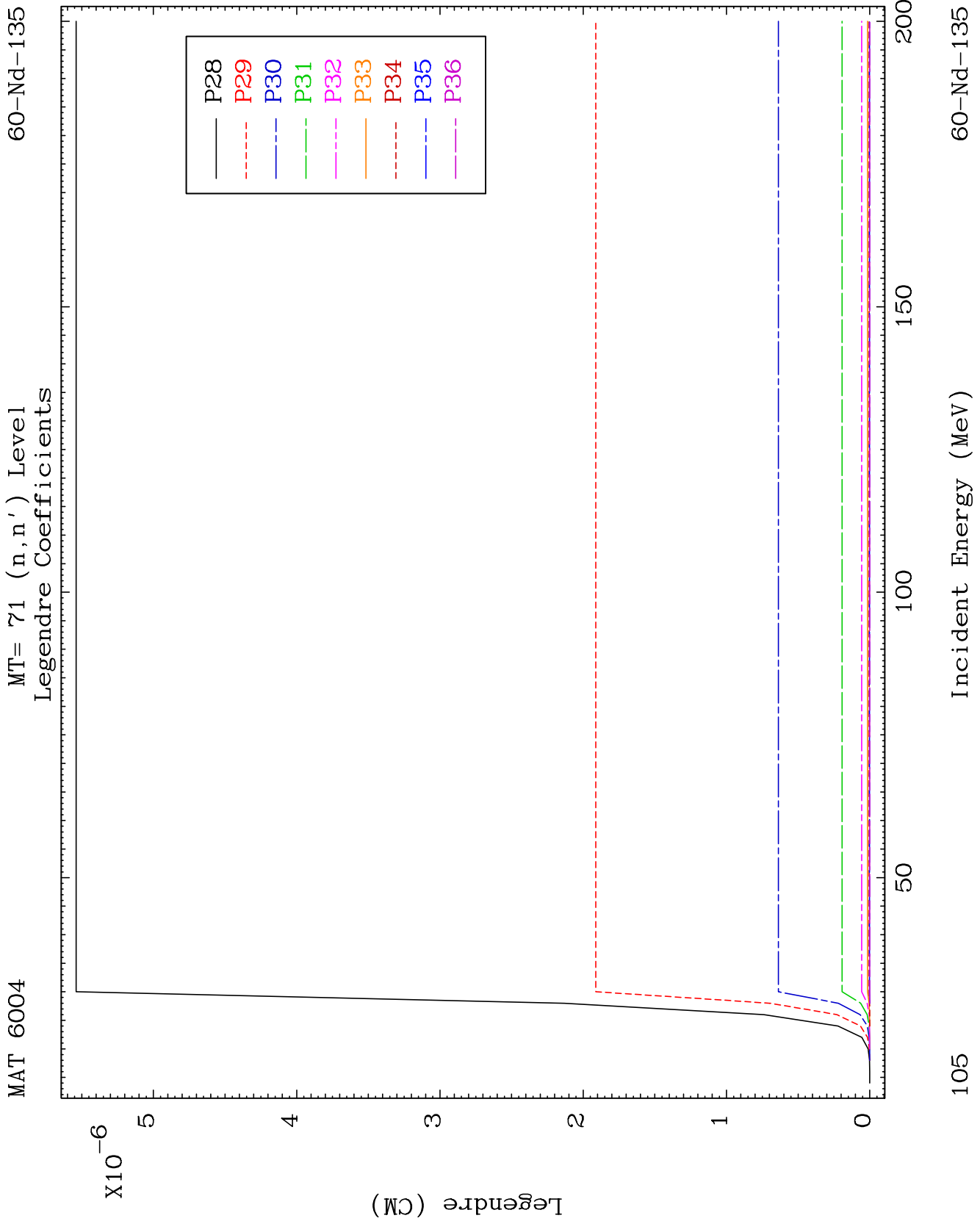


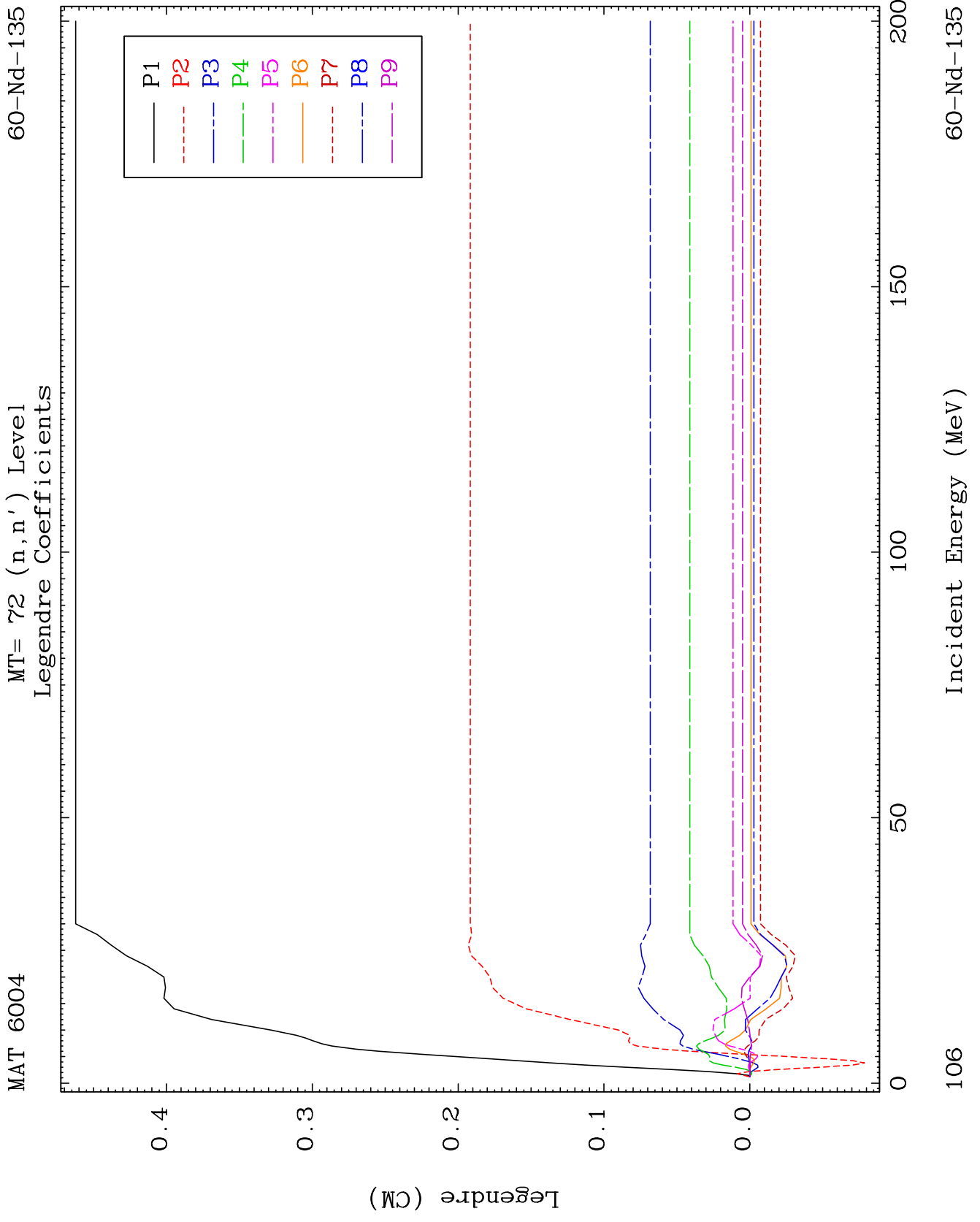








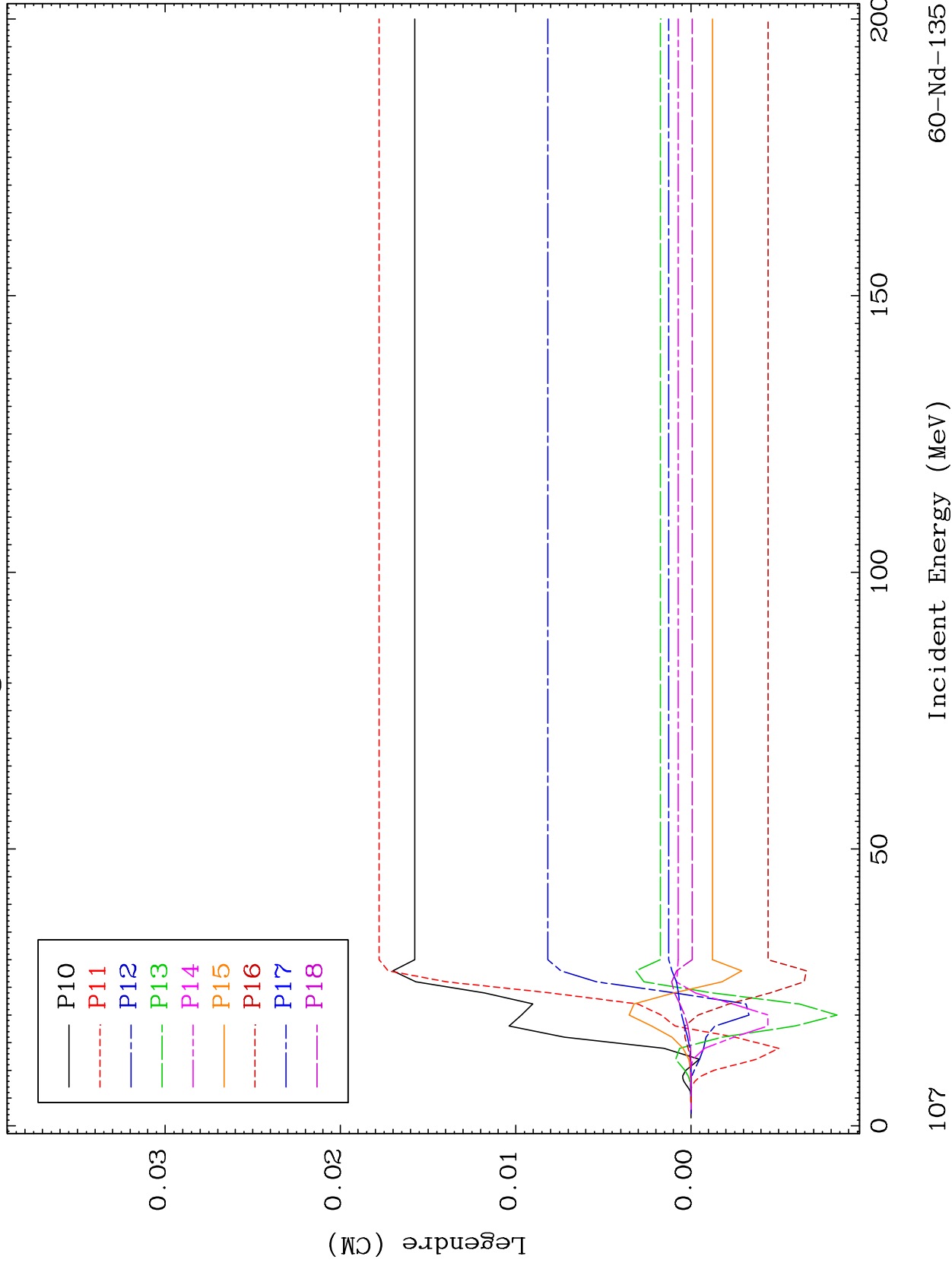




MAT 6004

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

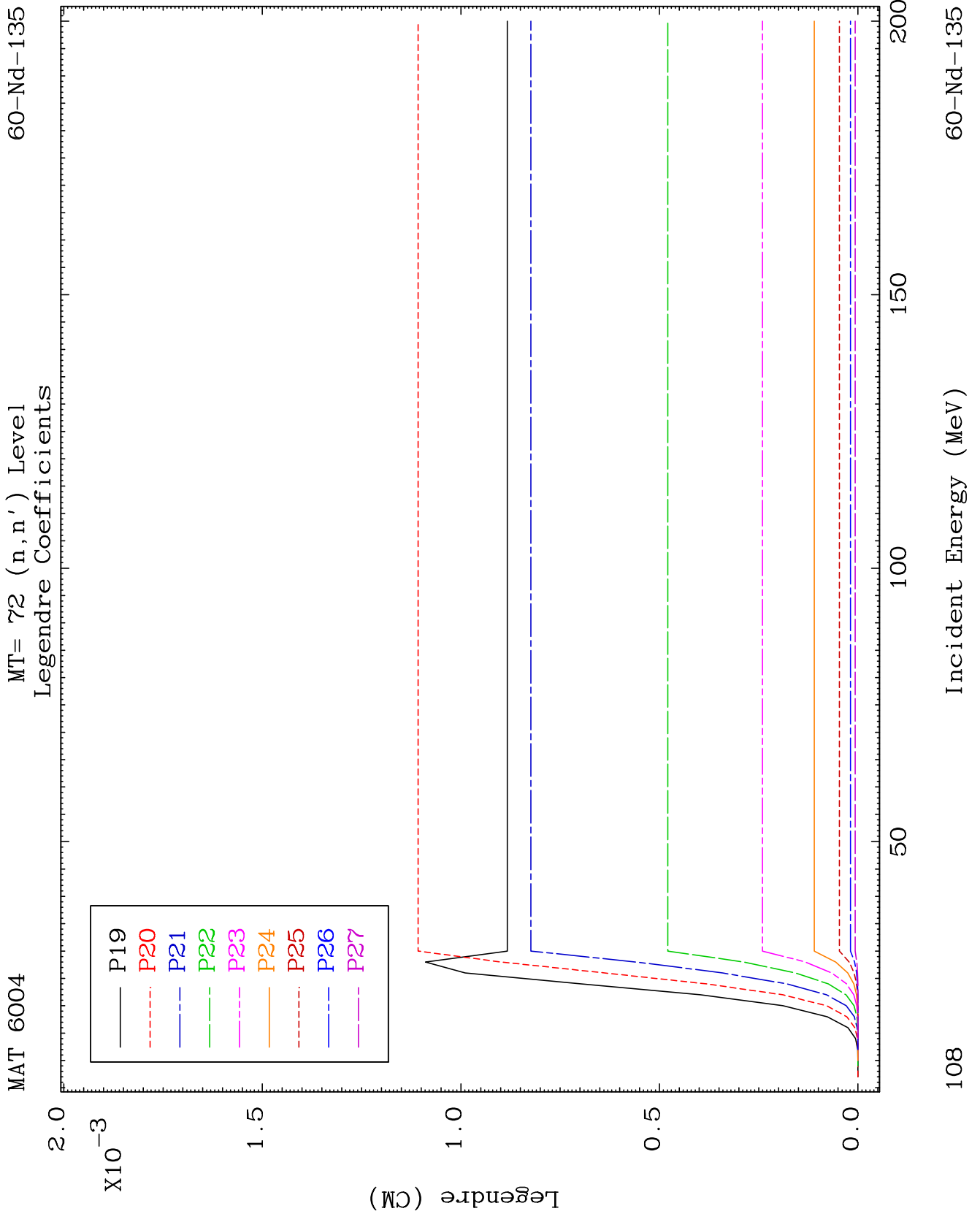
60-Nd-135



107

Incident Energy (MeV)

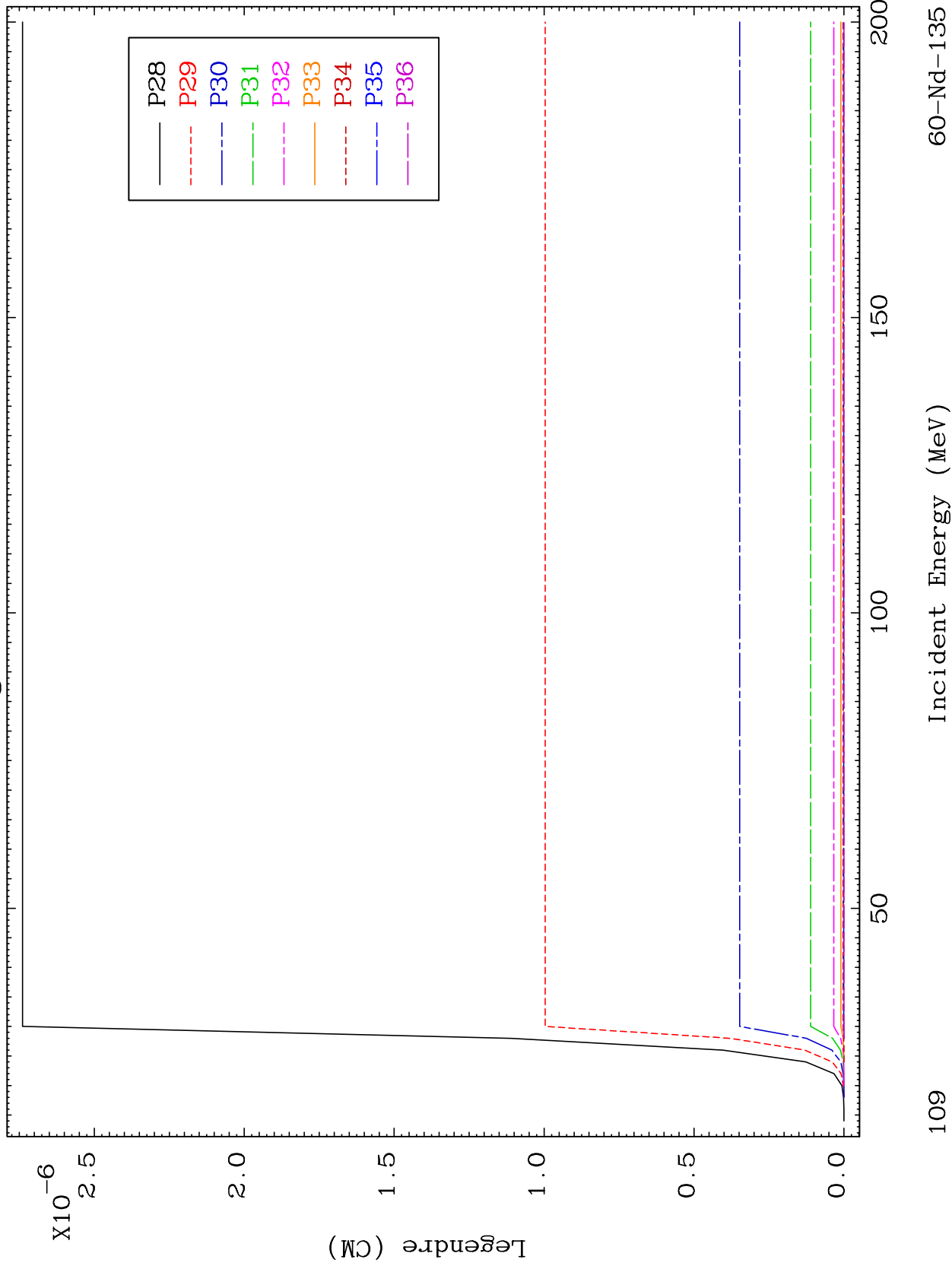
60-Nd-135



MAT 6004

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

60-Nd-135



109

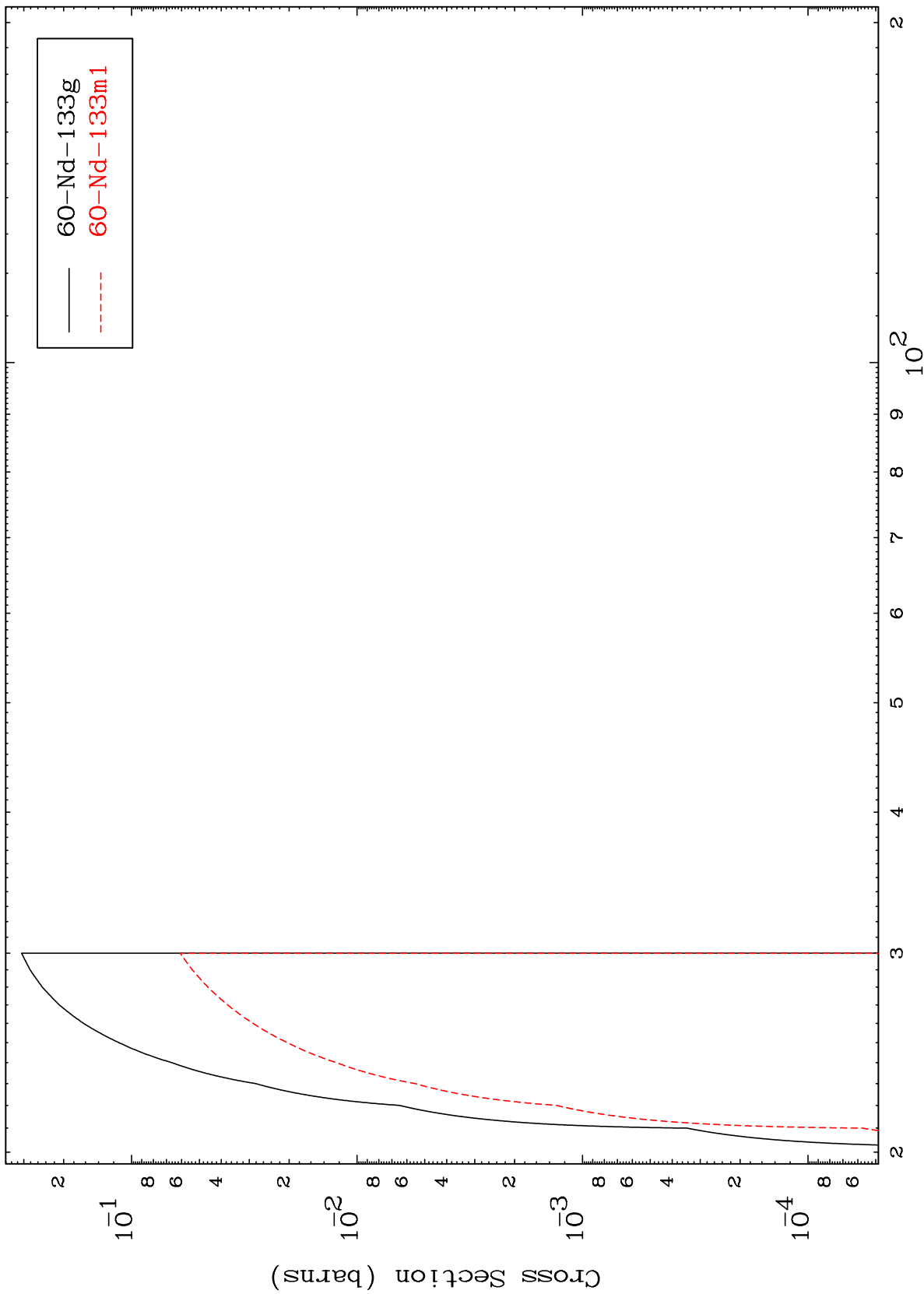
Incident Energy (MeV)

60-Nd-135

MAT 6004

60-Nd-135

(n,3n)  
Radionuclide Production Cross Section



60-Nd-135

Incident Energy (MeV)

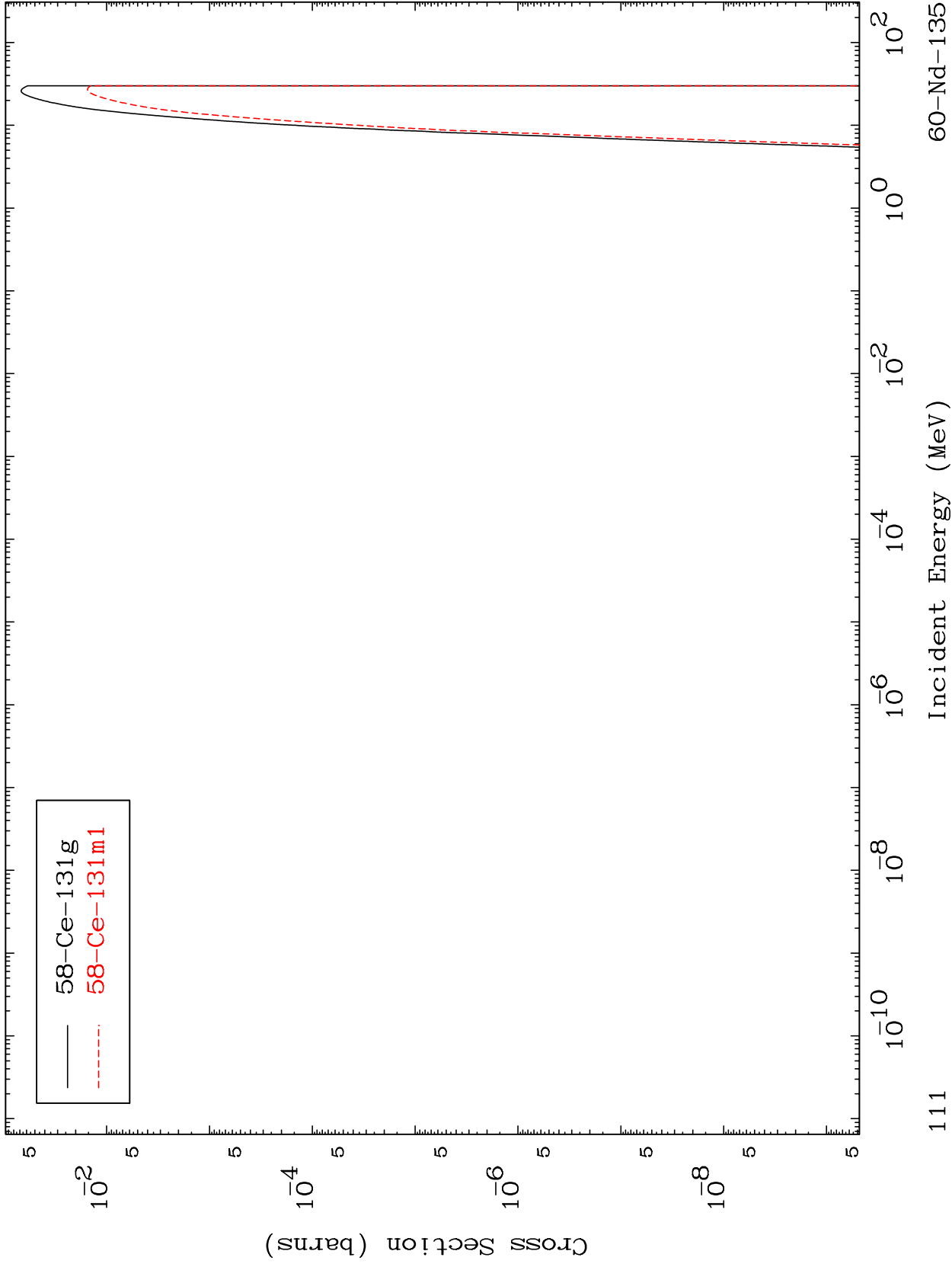
110

MAT 6004

$(n, n') \alpha$

60-Nd-135

Radionuclide Production Cross Section



58-Ce-131g  
58-Ce-131m1

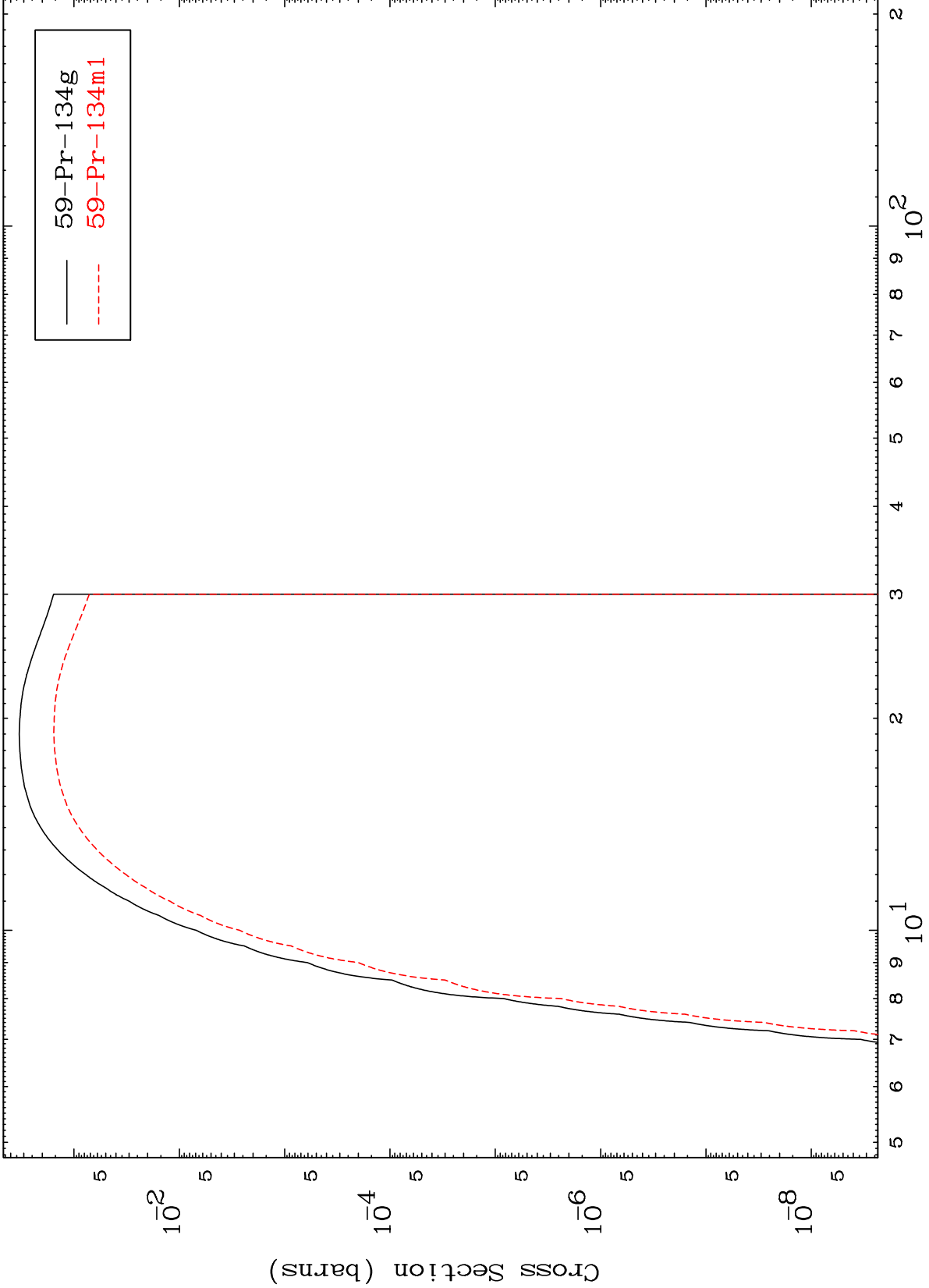


MAT 6004

(n,n') p

60-Nd-135

Radionuclide Production Cross Section



112

Incident Energy (MeV)

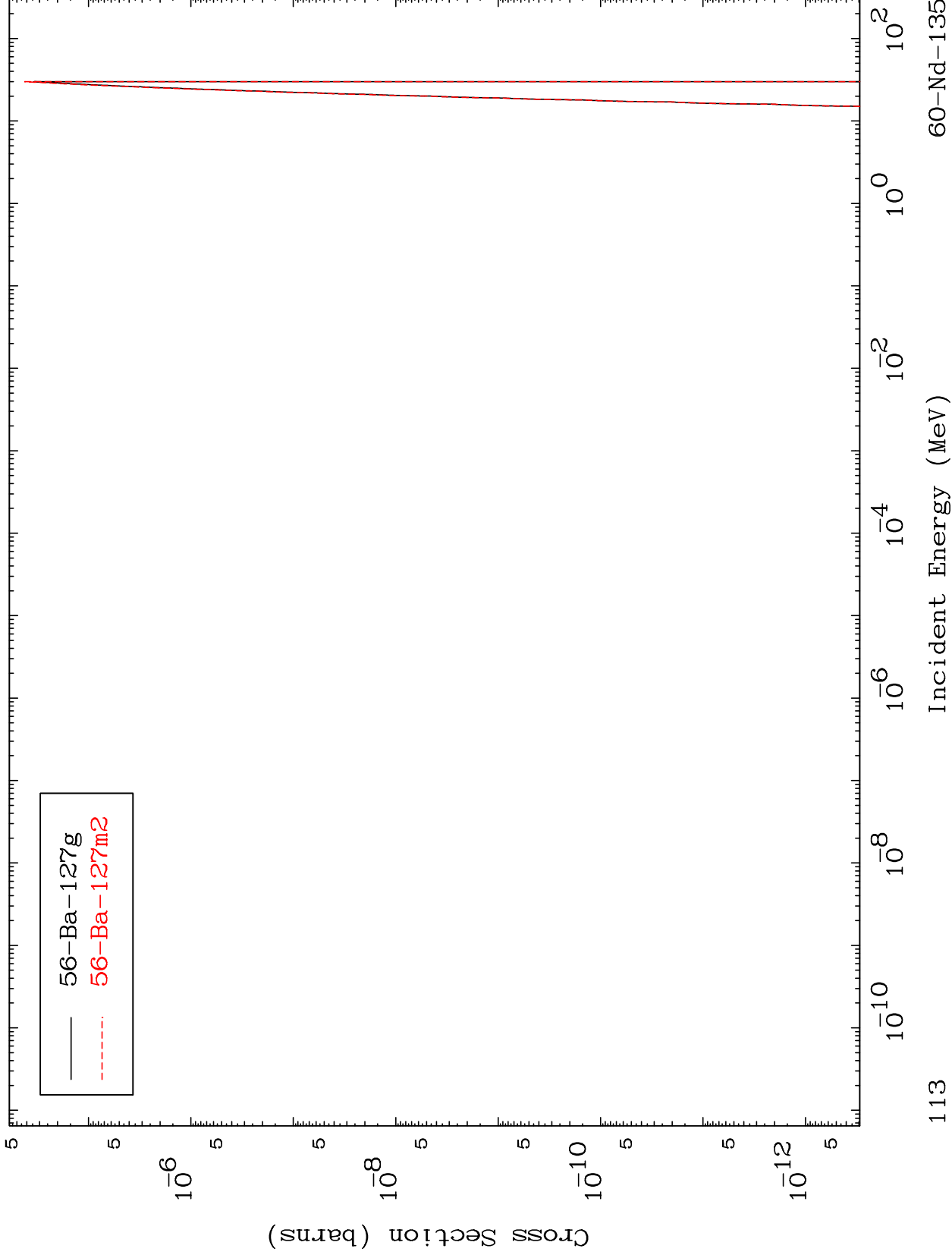
60-Nd-135

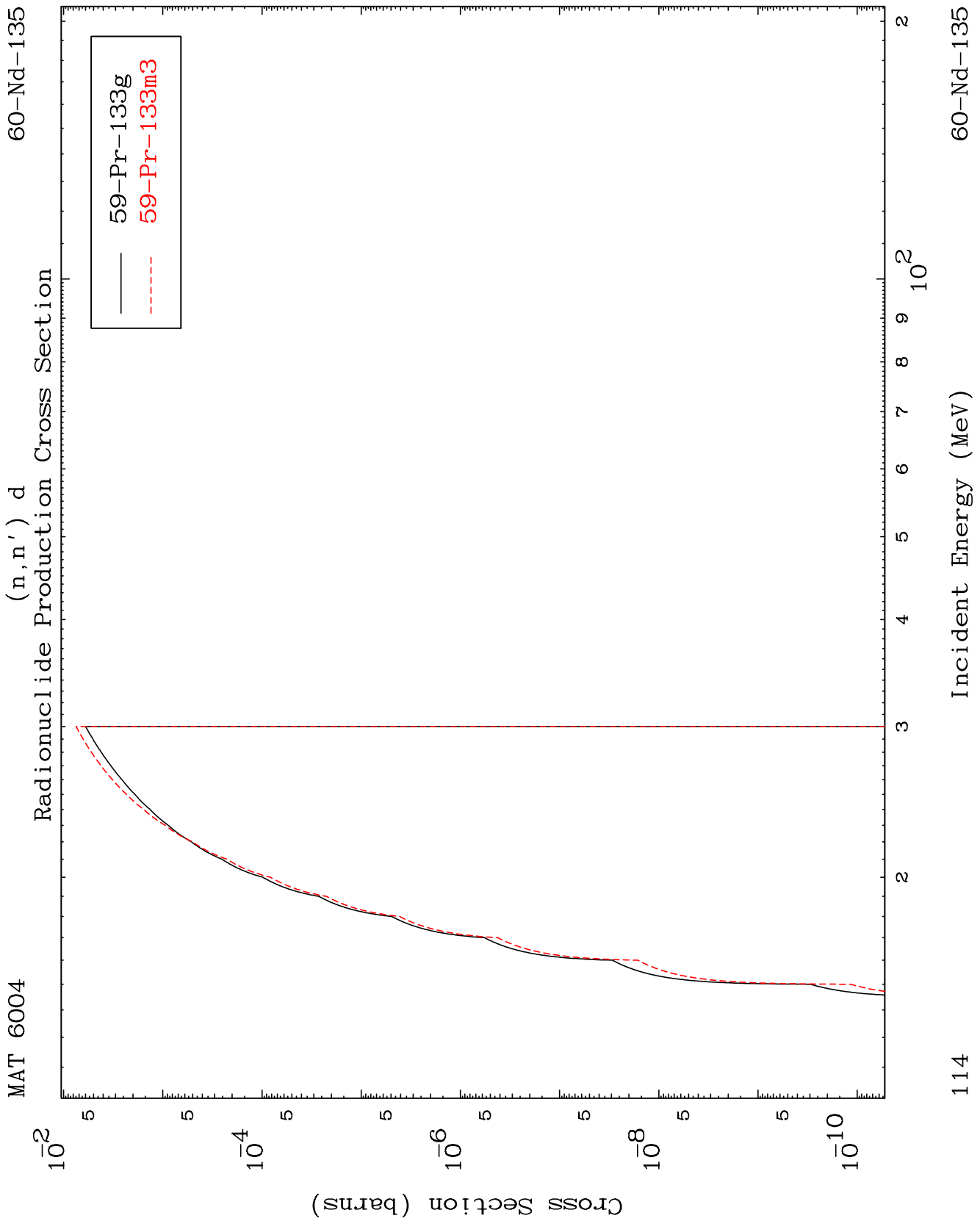
MAT 6004

(n,n') 2 $\alpha$

60-Nd-135

Radionuclide Production Cross Section



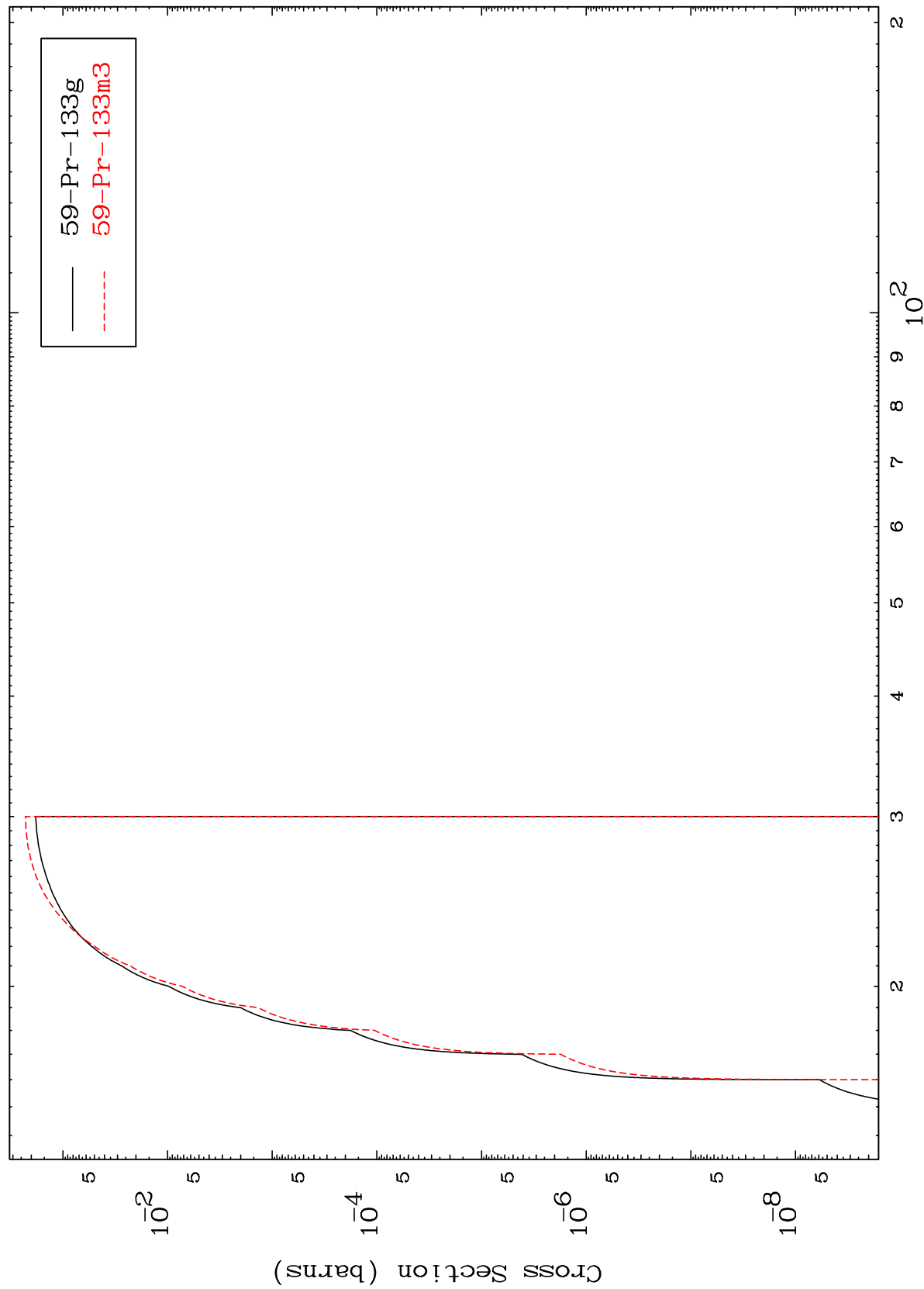


MAT 6004

(n,2n) p

60-Nd-135

Radionuclide Production Cross Section



115

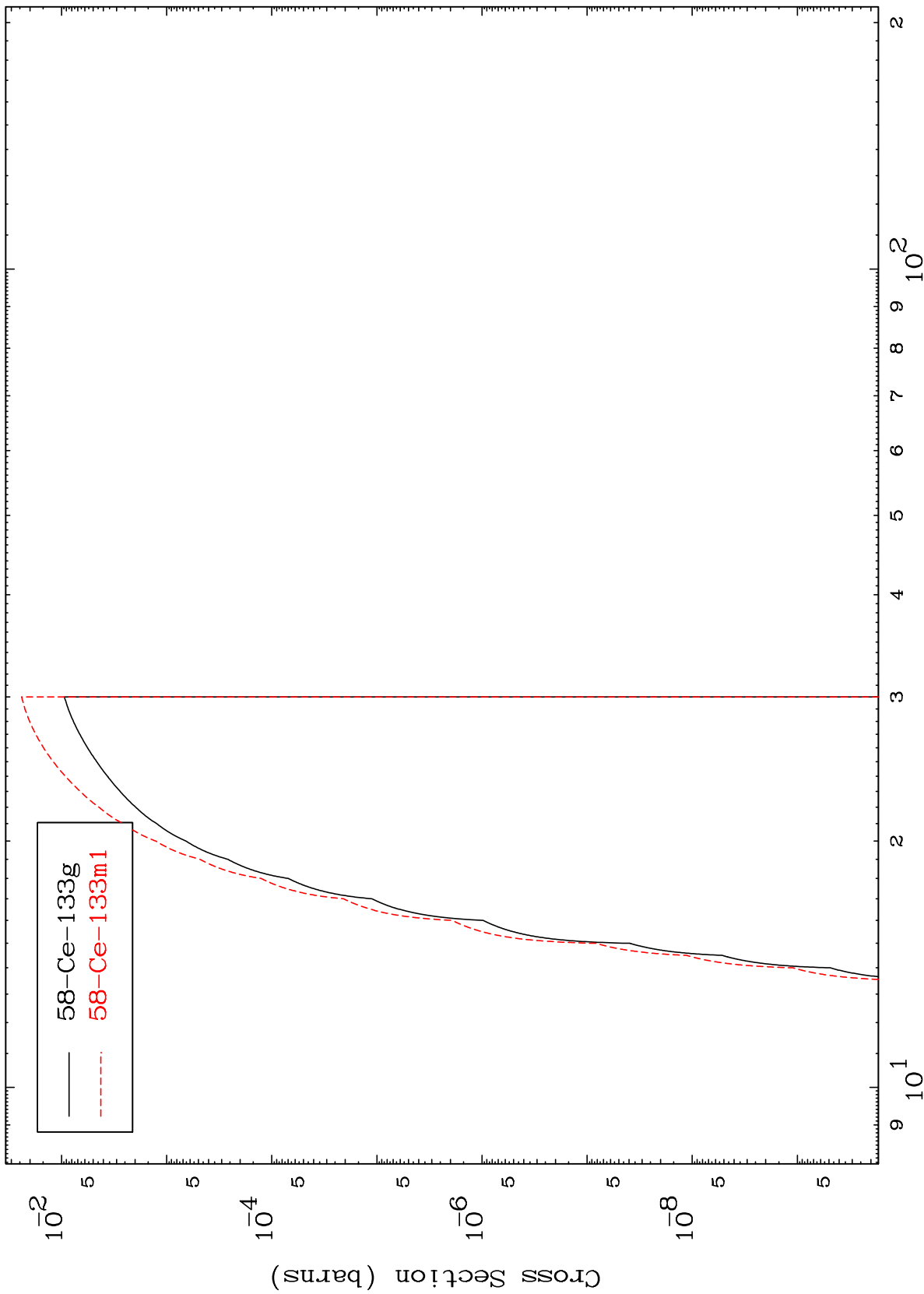
Incident Energy (MeV)

60-Nd-135

MAT 6004

60-Nd-135

(n,2n) p  
Radionuclide Production Cross Section



60-Nd-135

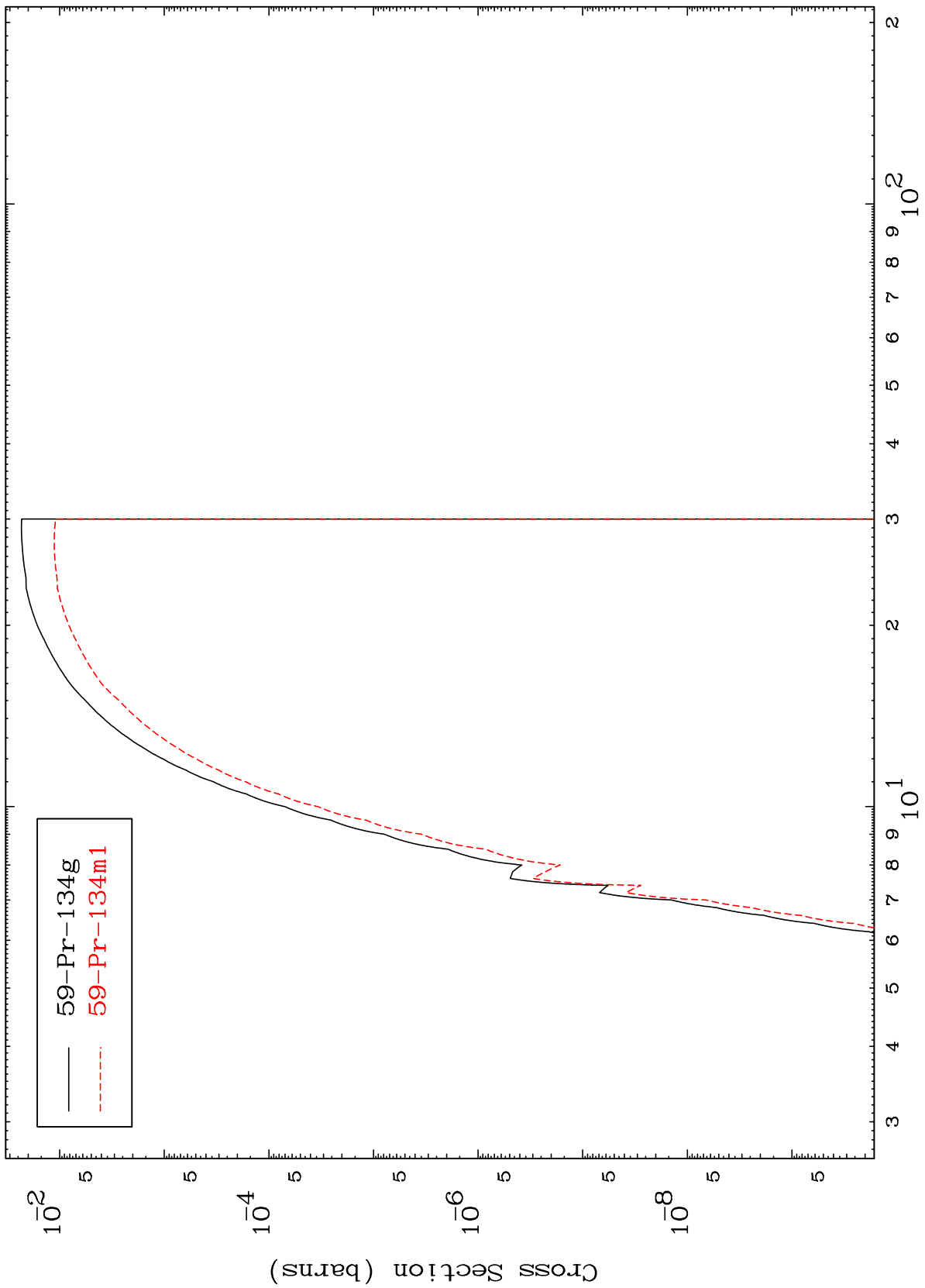
Incident Energy (MeV)

116

MAT 6004

60-Nd-135

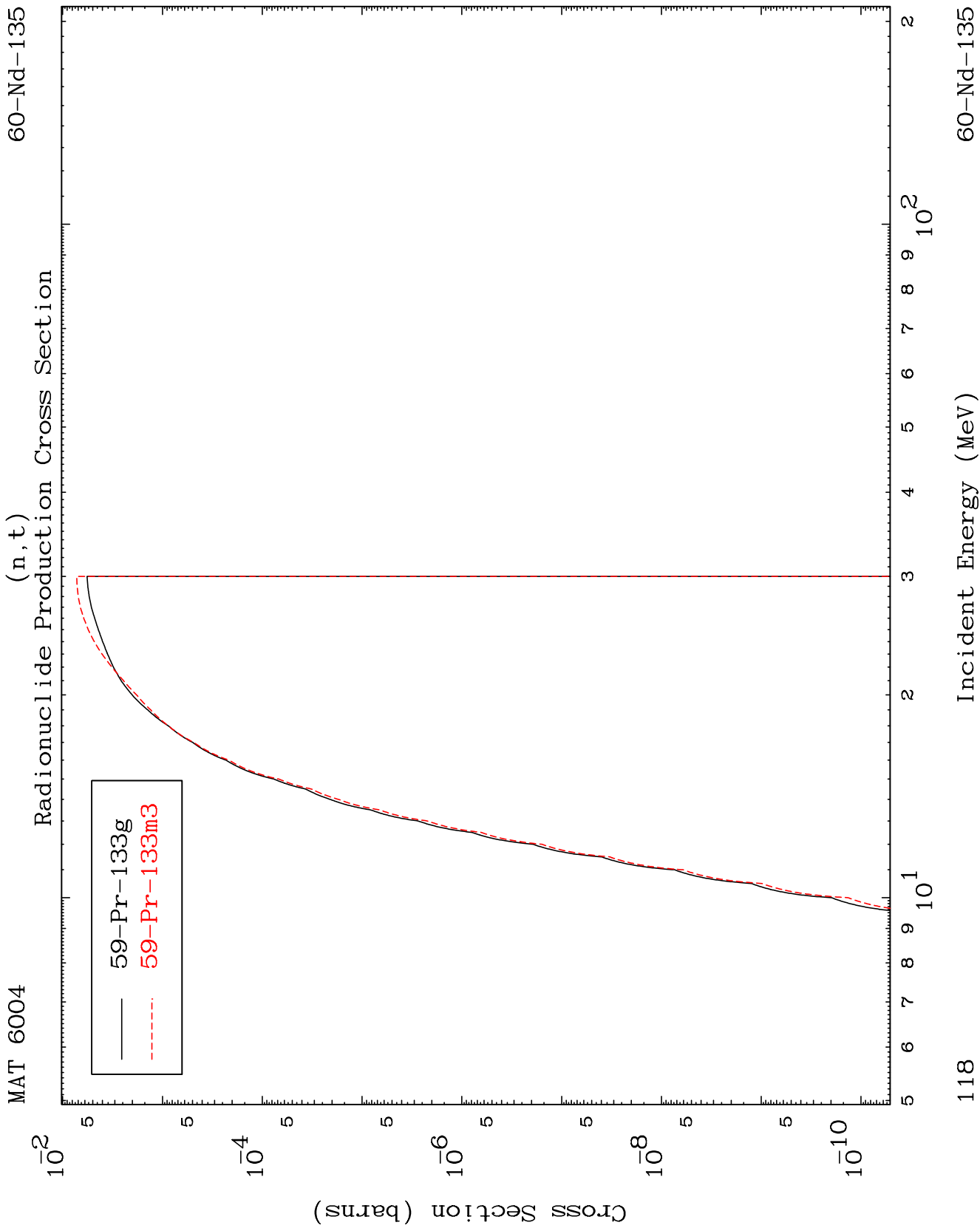
(n,d)  
Radionuclide Production Cross Section



117

Incident Energy (MeV)

60-Nd-135

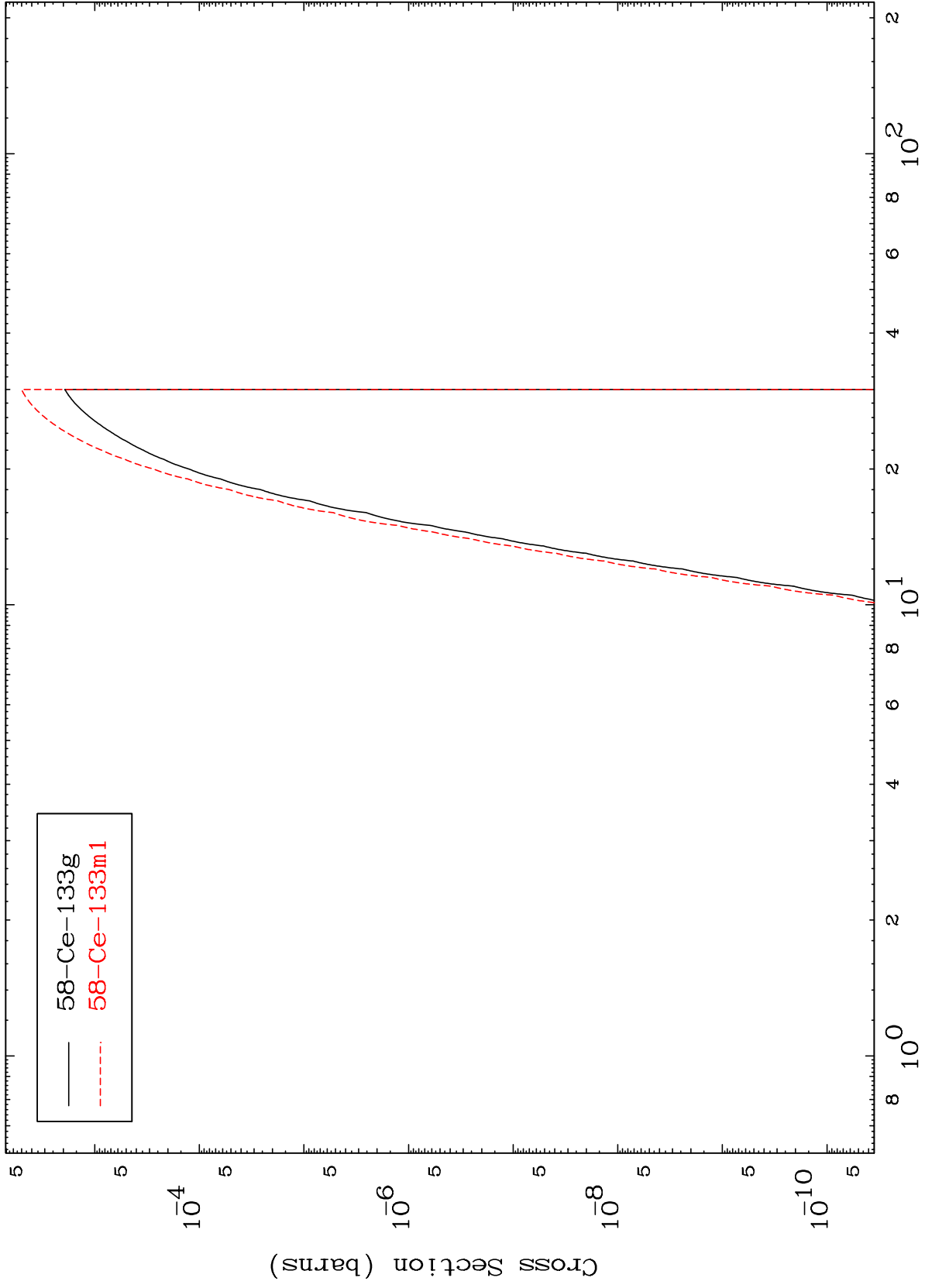


MAT 6004

(n,He-3)

60-Nd-135

Radionuclide Production Cross Section



119

Incident Energy (MeV)

60-Nd-135

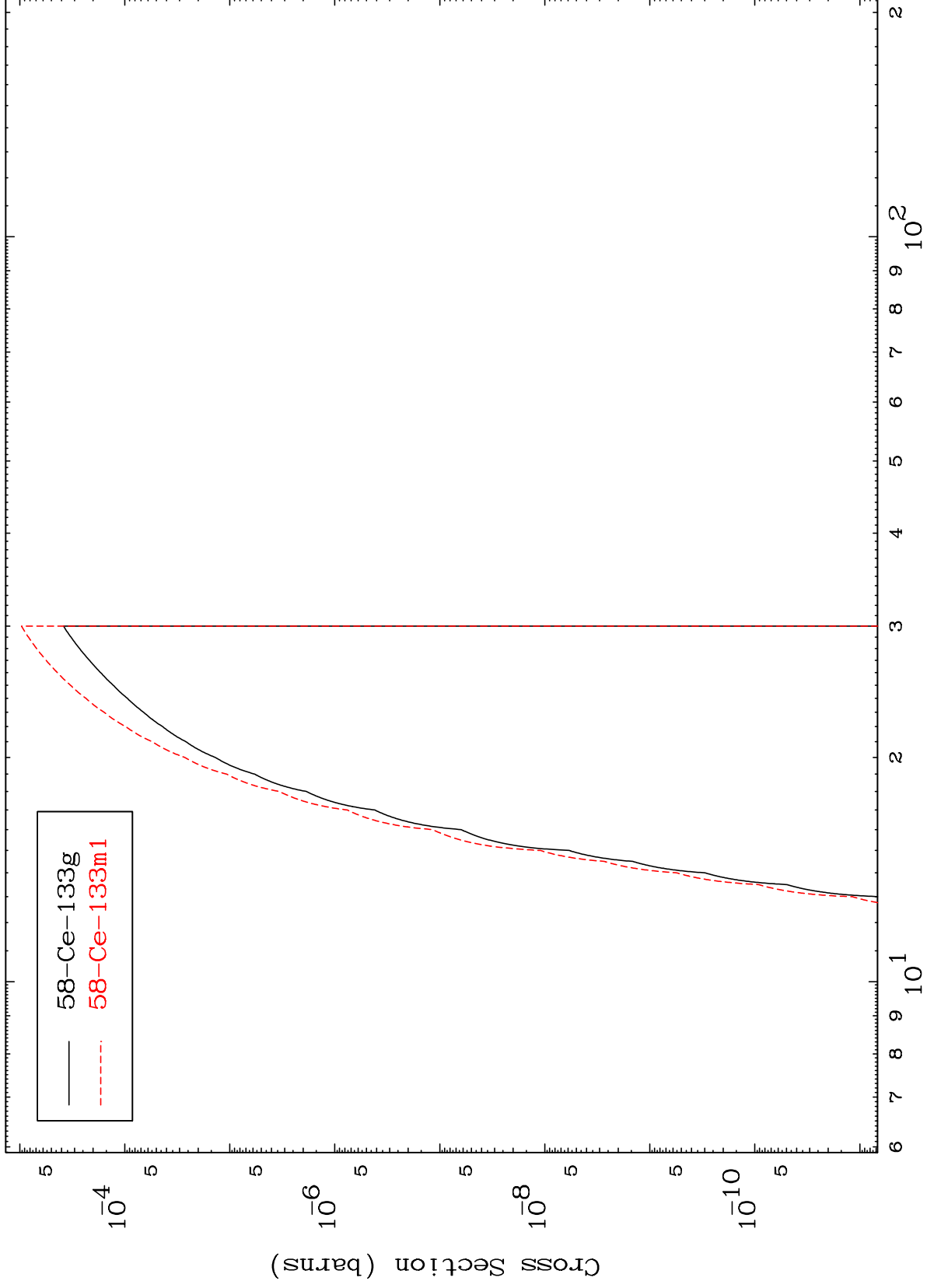


MAT 6004

(n,p) d

60-Nd-135

Radionuclide Production Cross Section



120

Incident Energy (MeV)

60-Nd-135