

Program EVALPLOT  
(Version 2017-1)

by

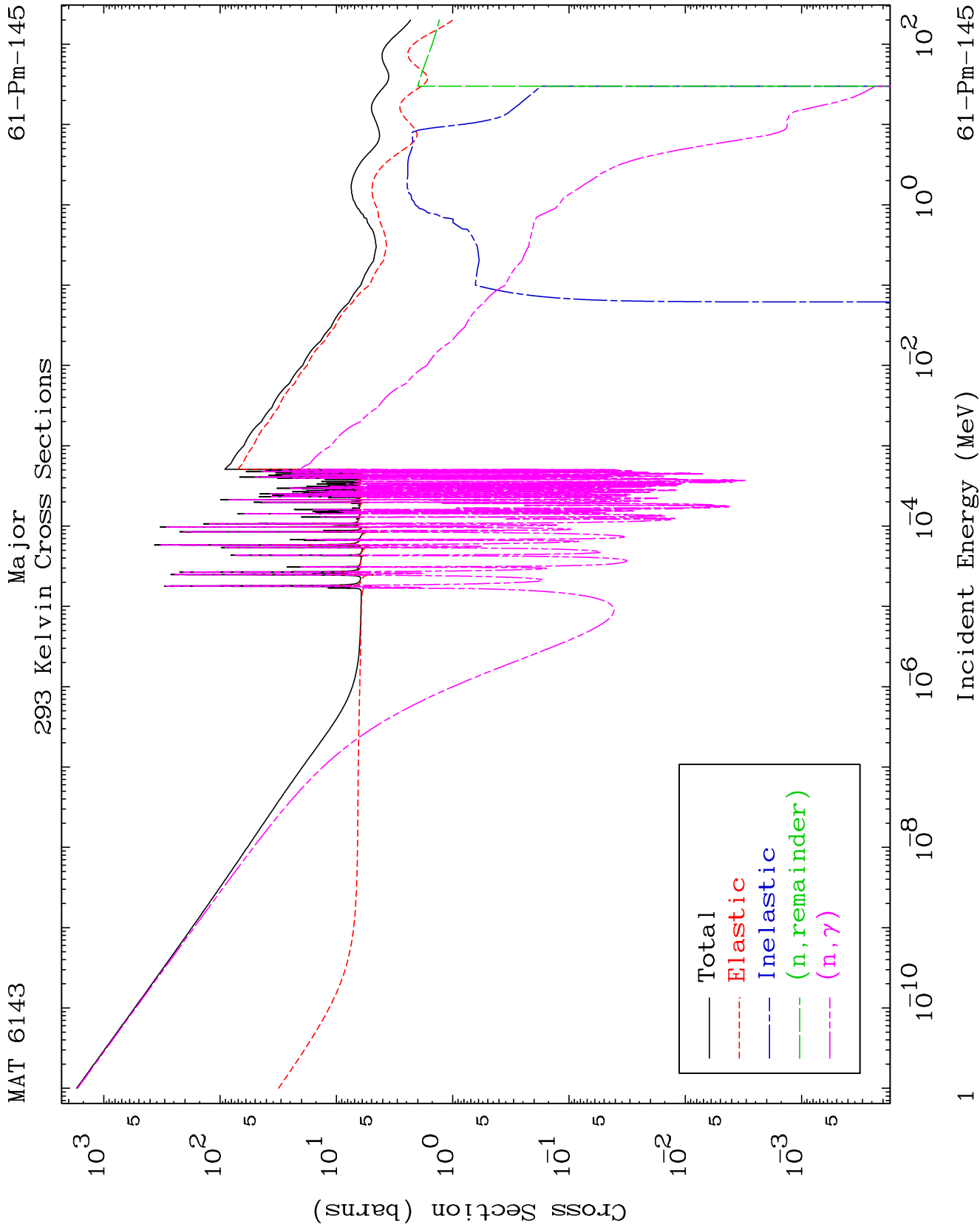
Dermott E. Cullen  
(Present Contact Information)

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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

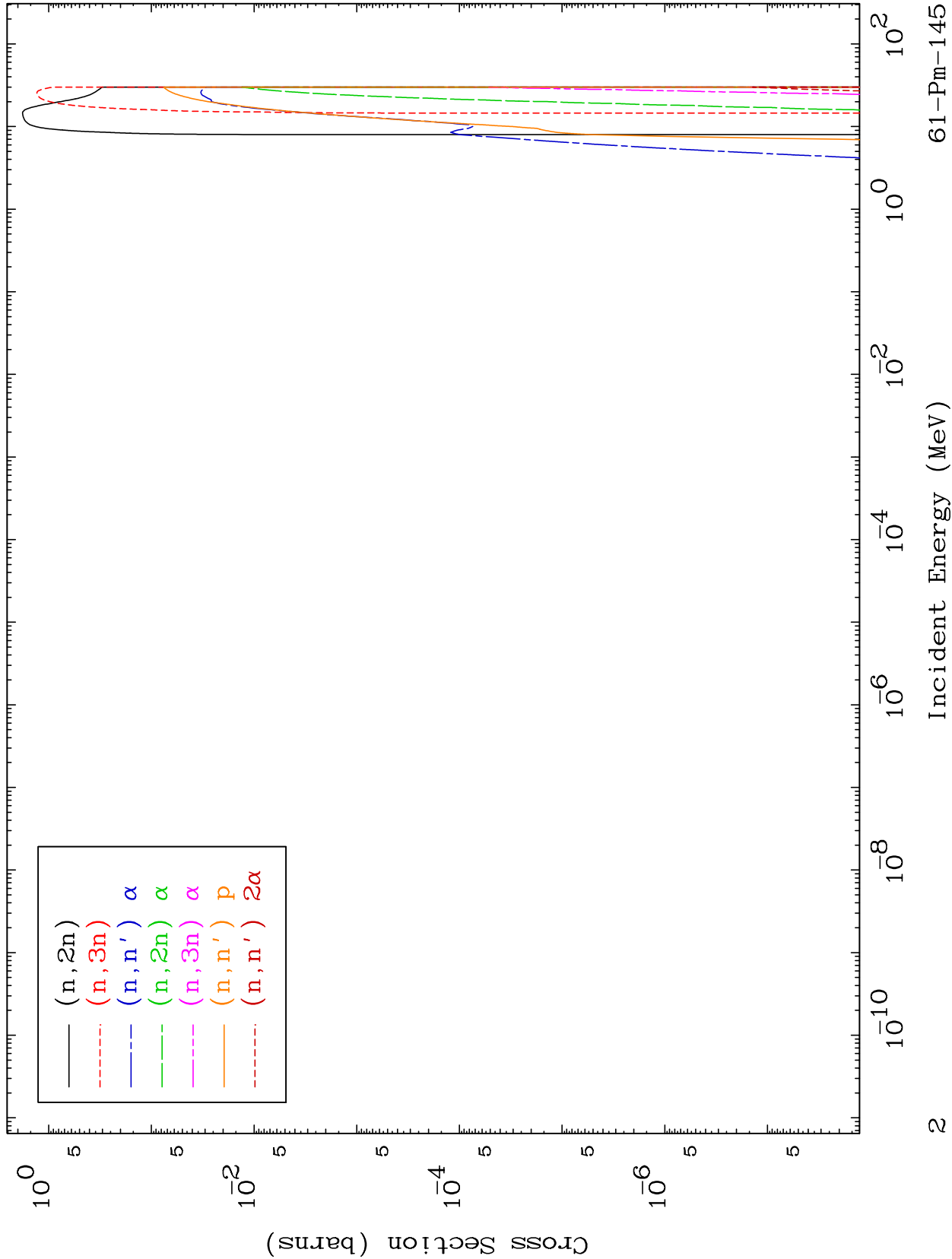
Press Mouse Button to Start

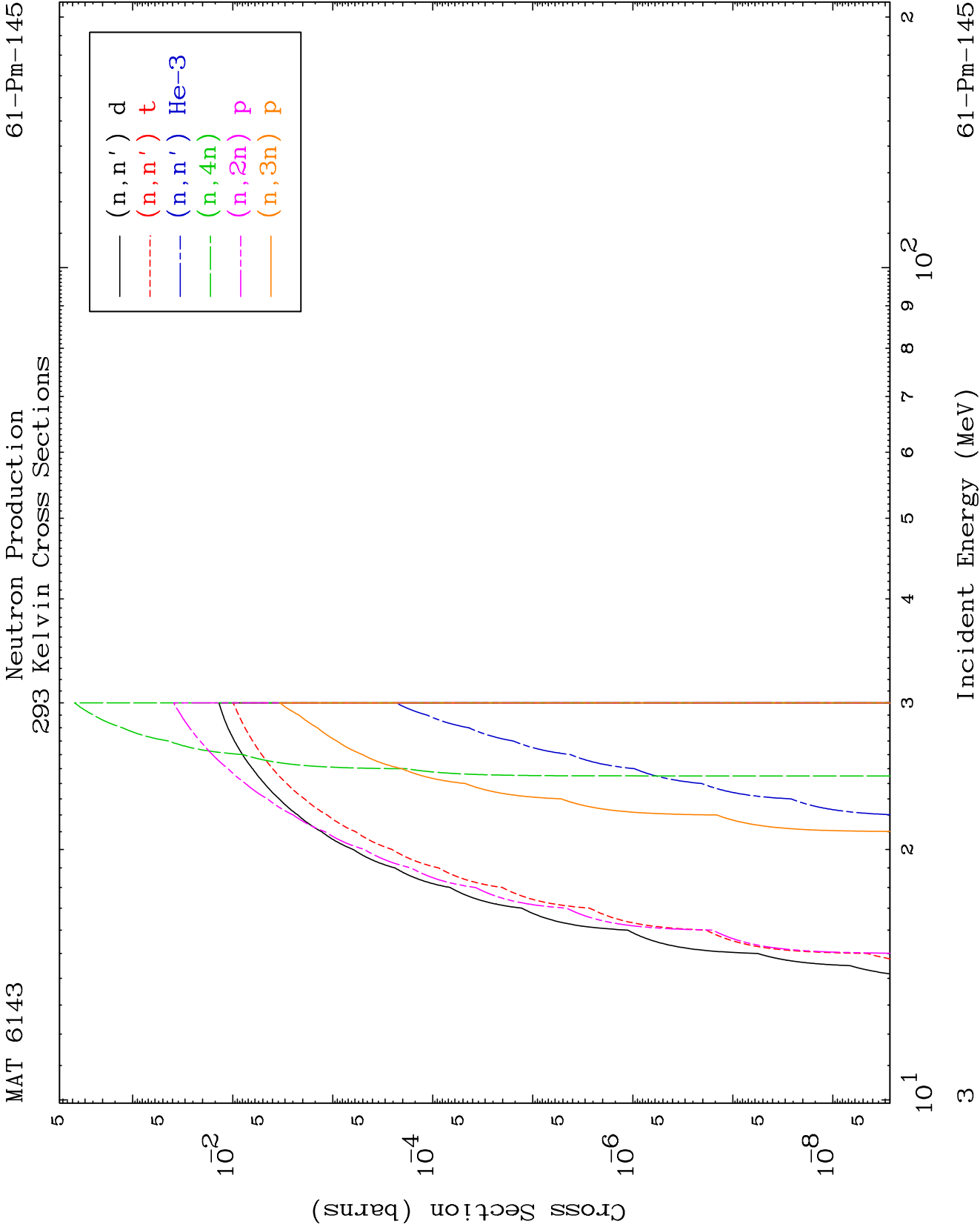


MAT 6143

Neutron Production  
293 Kelvin Cross Sections

61-Pm-145

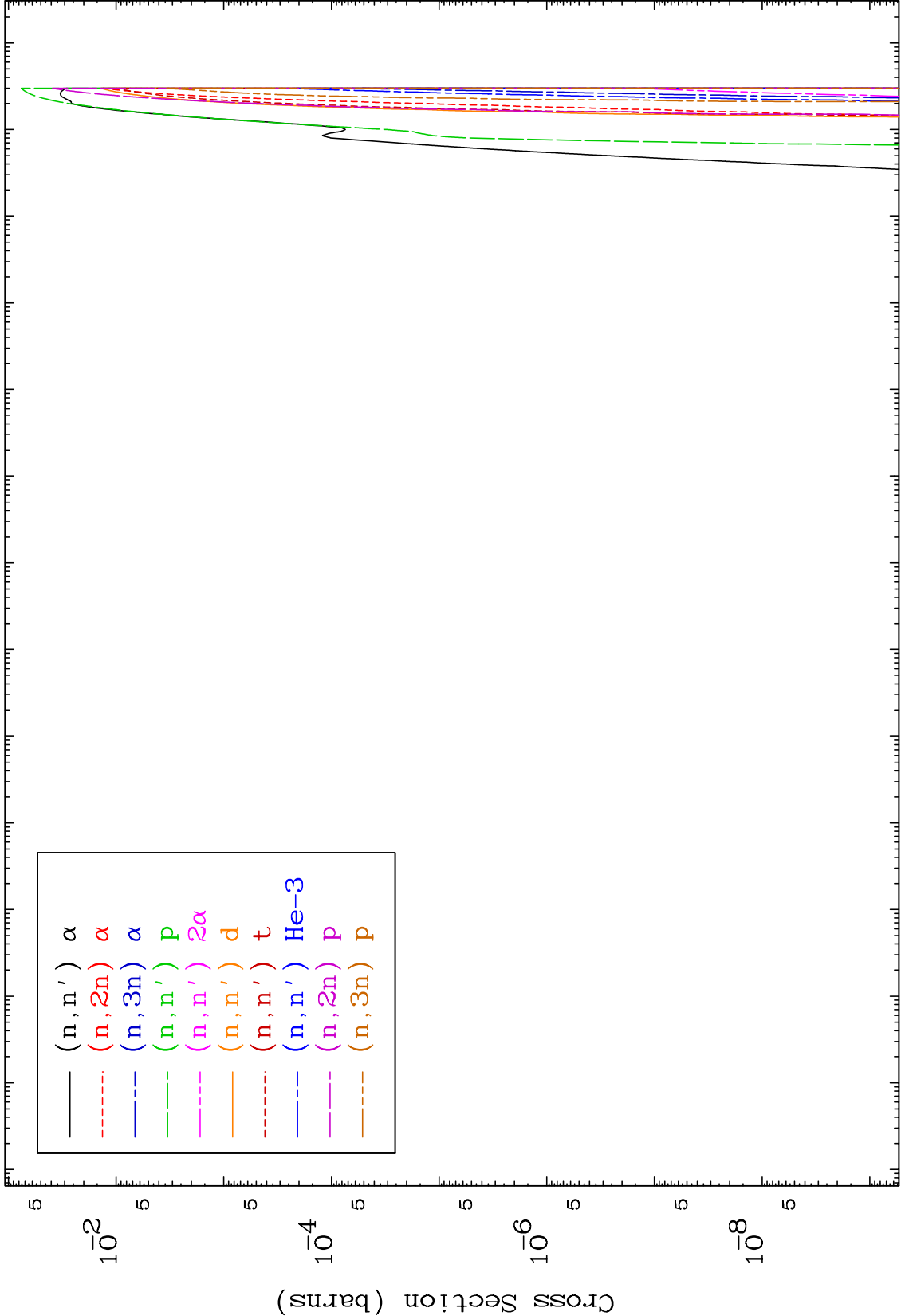




MAT 6143

Charged Particle  
293 Kelvin Cross Sections

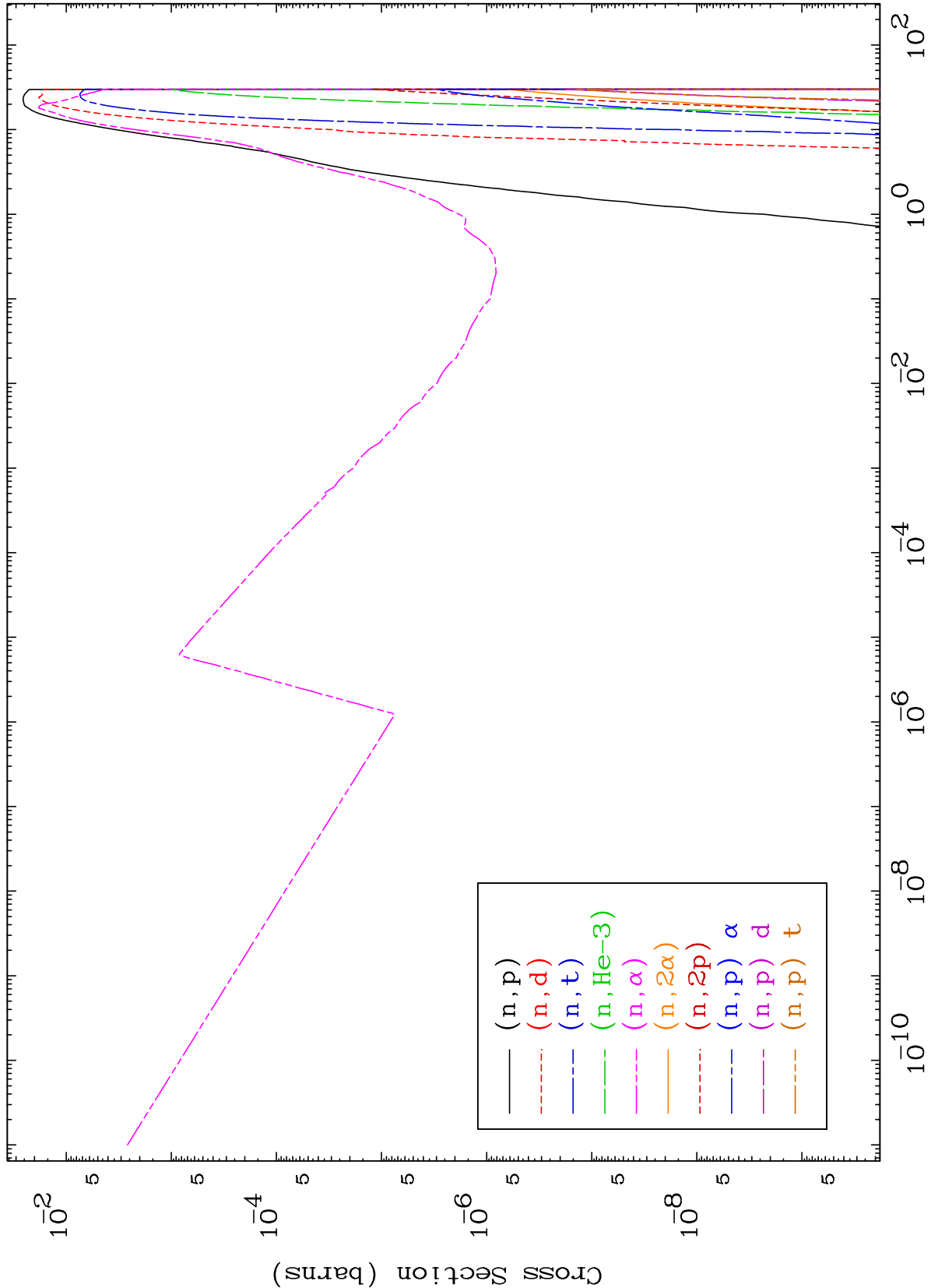
61-Pm-145



MAT 6143

Charged Particle  
293 Kelvin Cross Sections

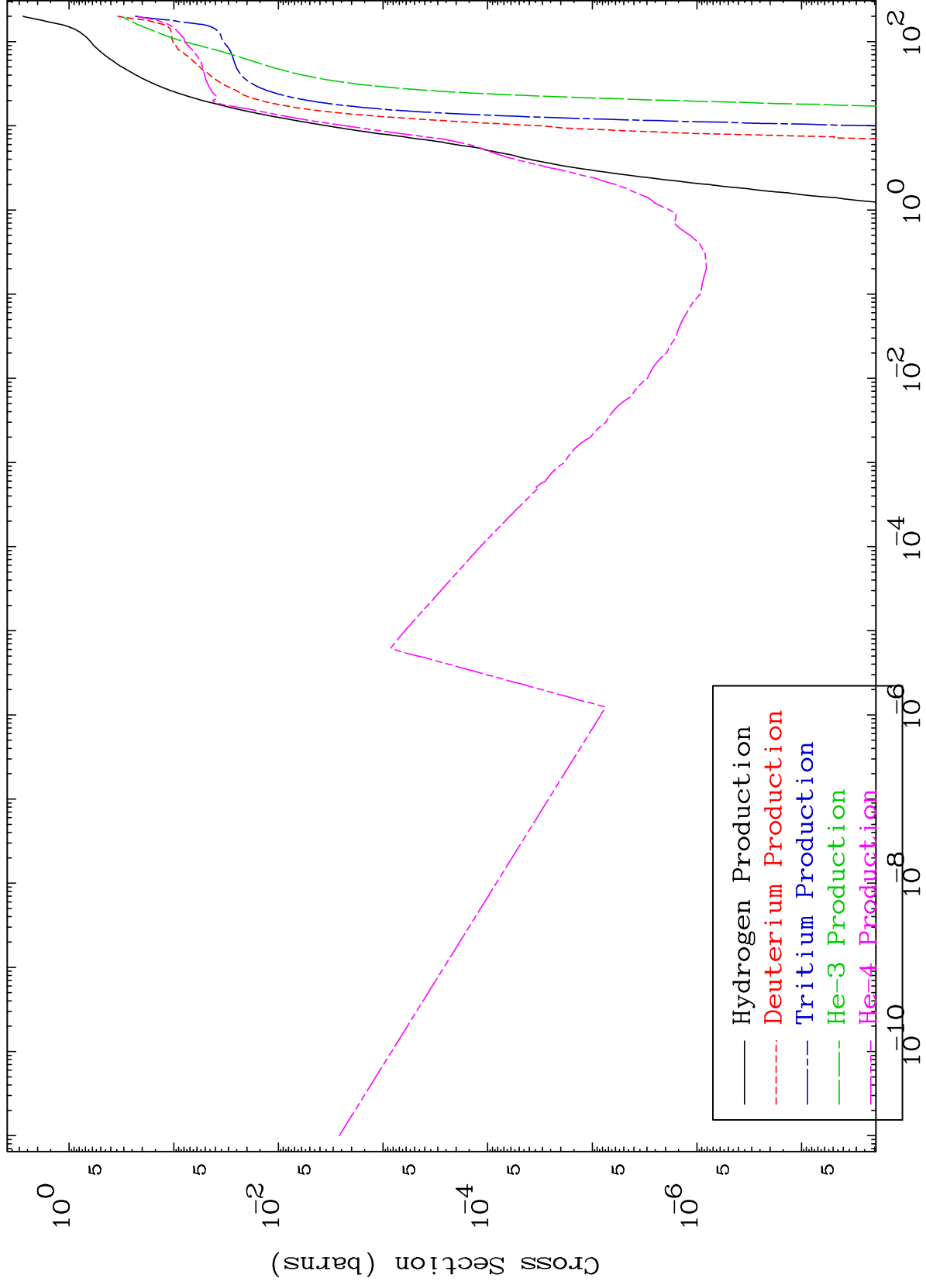
61-Pm-145



MAT 6143

Particle Production  
293 Kelvin Cross Sections

61-Pm-145

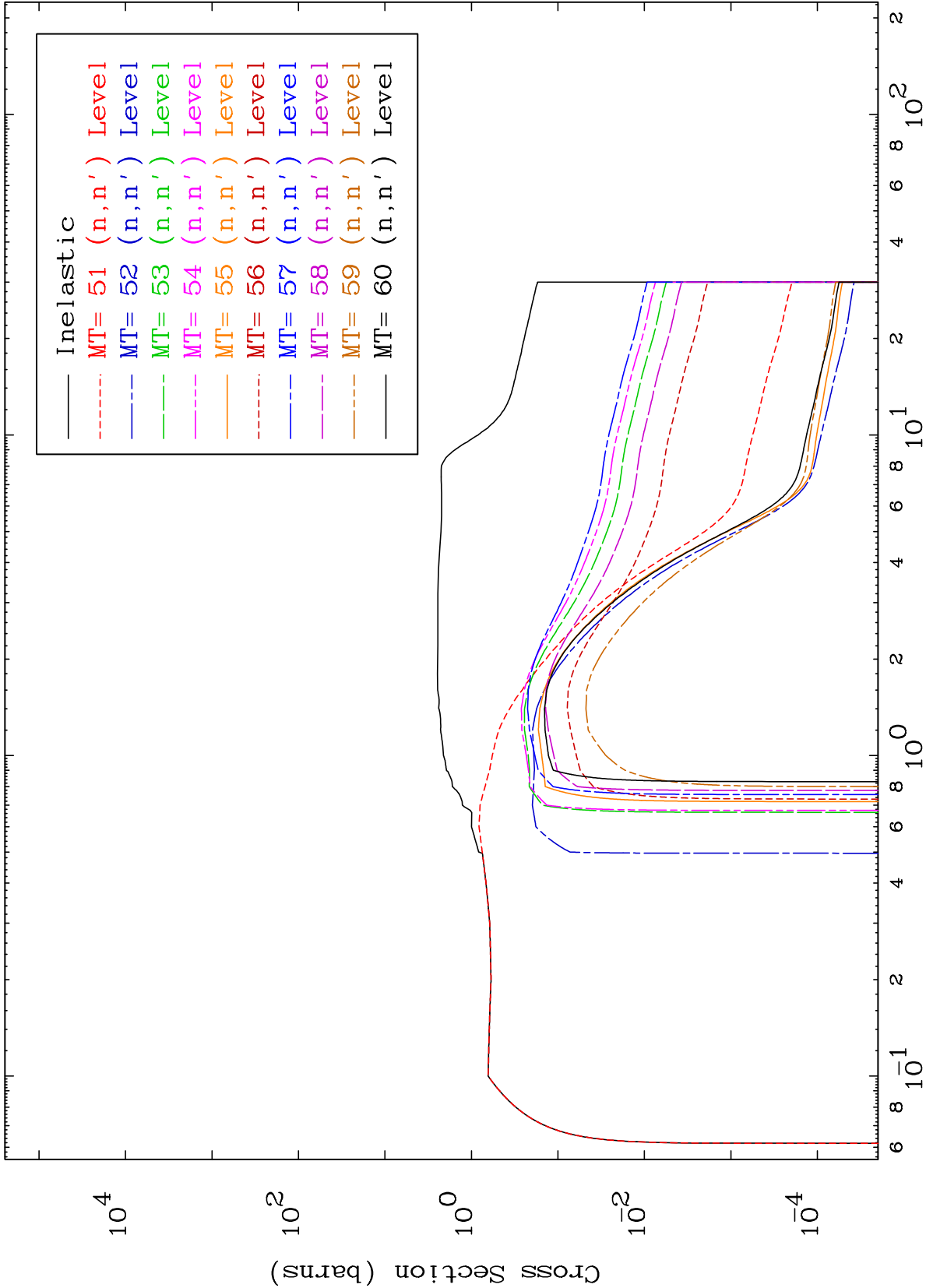


MAT 6143

(n,n') Level

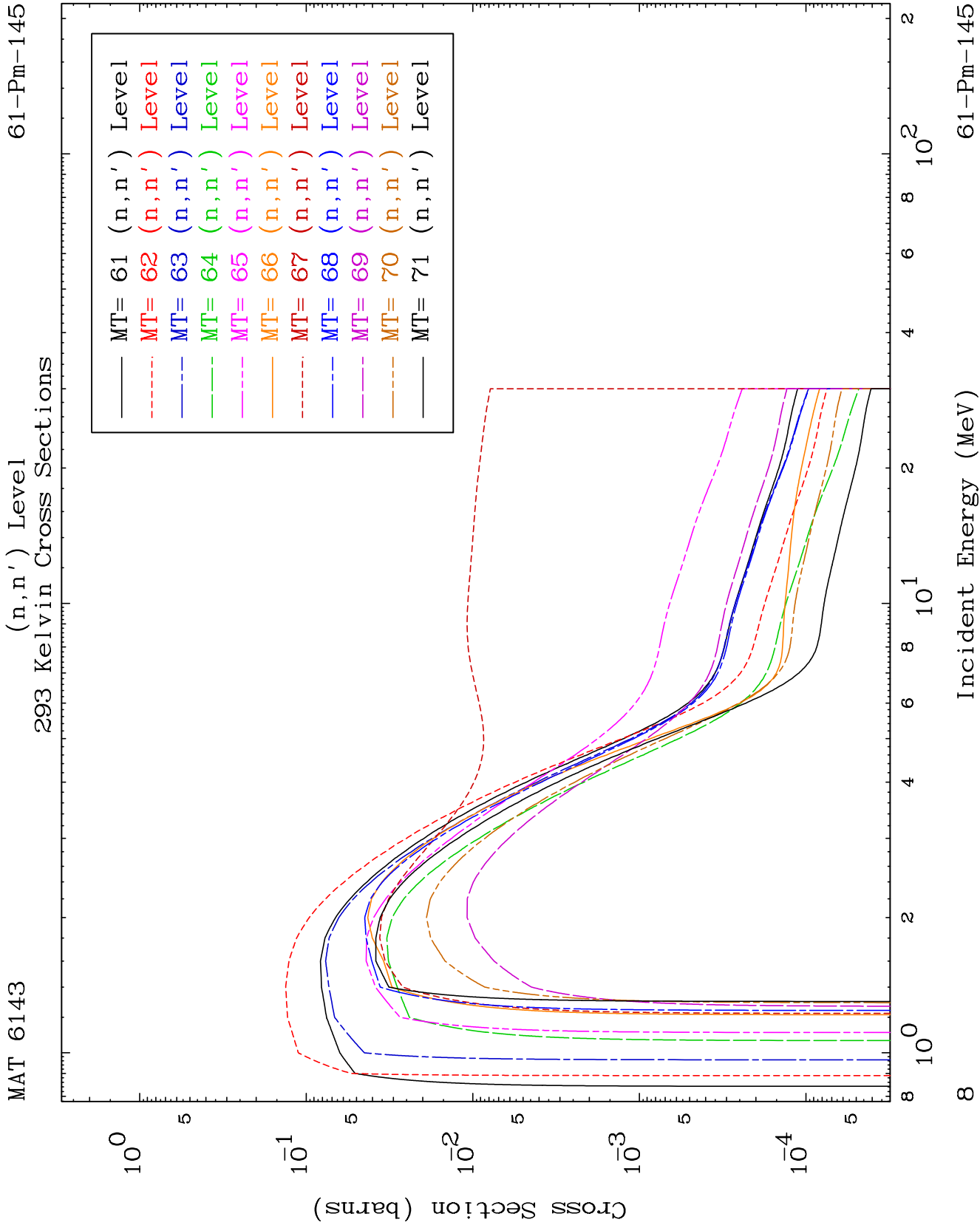
61-Pm-145

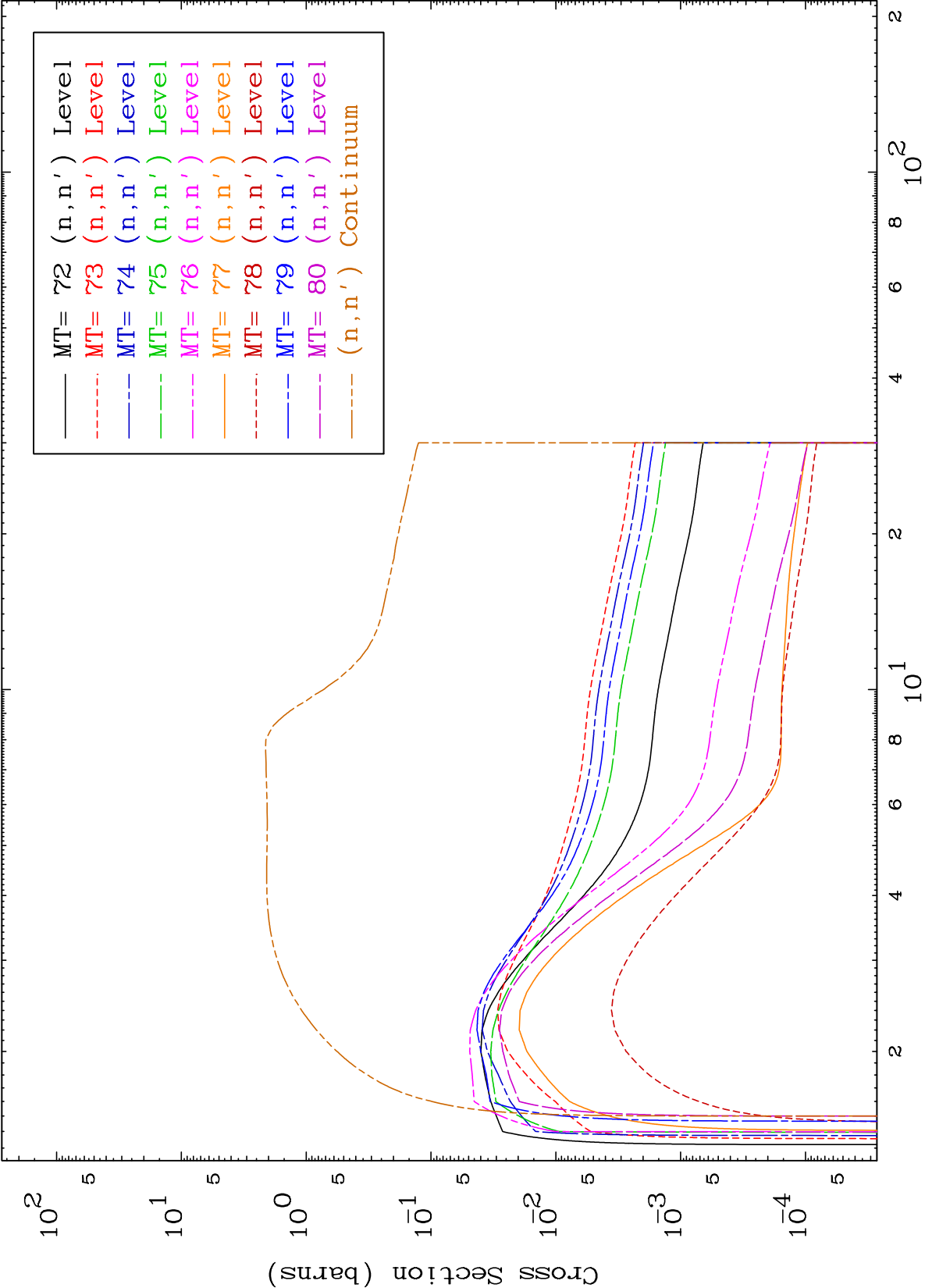
293 Kelvin Cross Sections



Incident Energy (MeV)

61-Pm-145

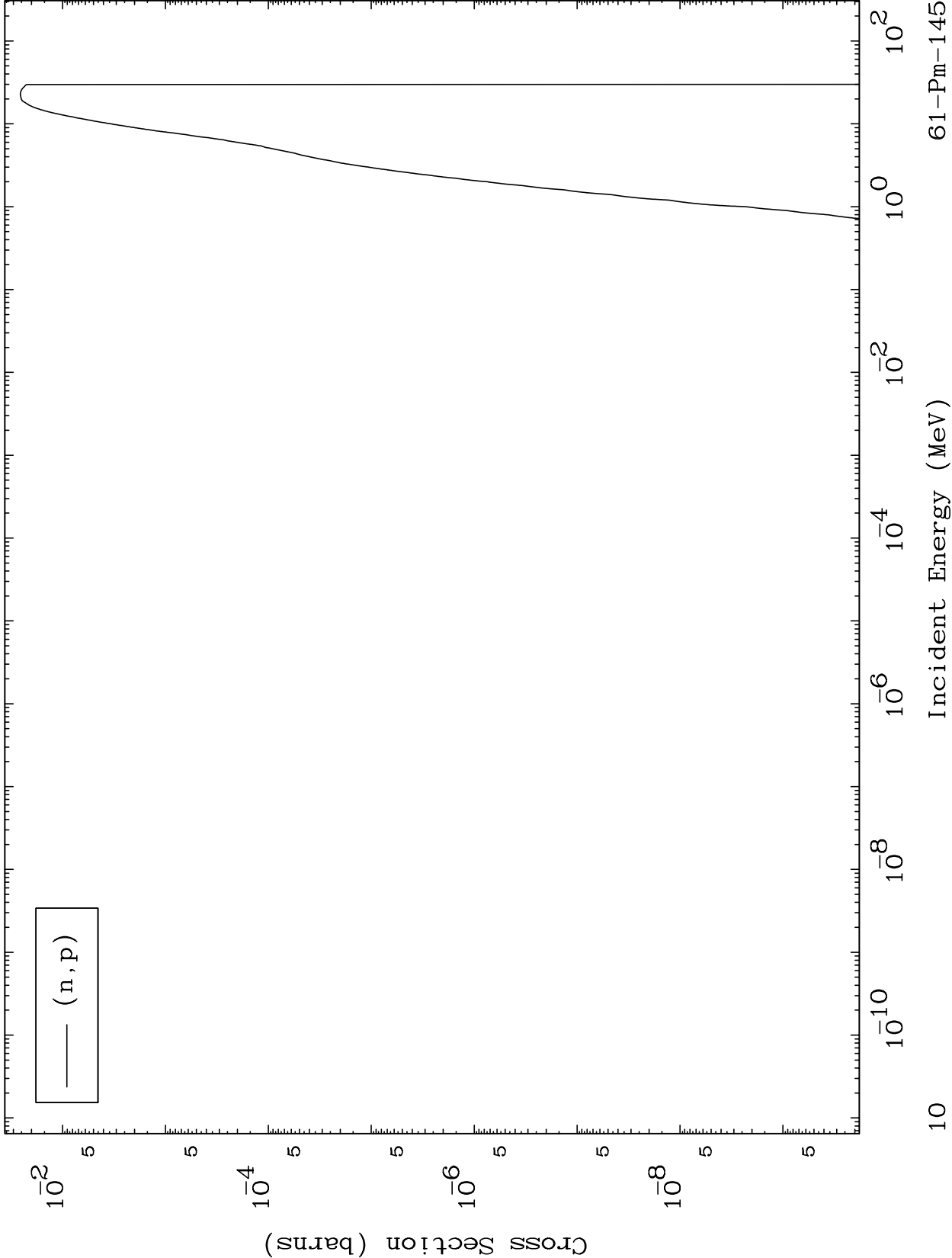




MAT 6143

(n,p) Levels  
293 Kelvin Cross Sections

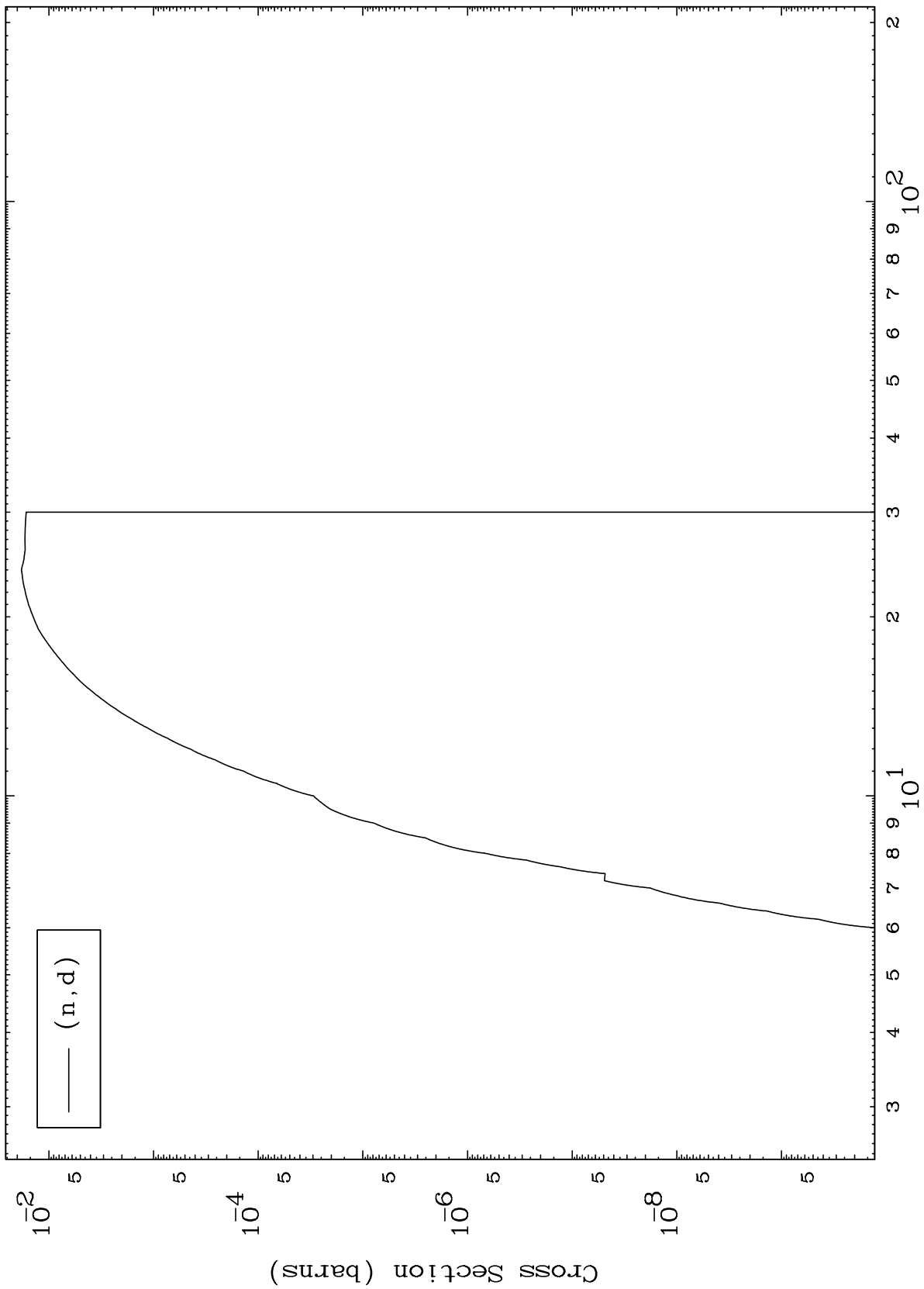
61-Pm-145



MAT 6143

61-Pm-145

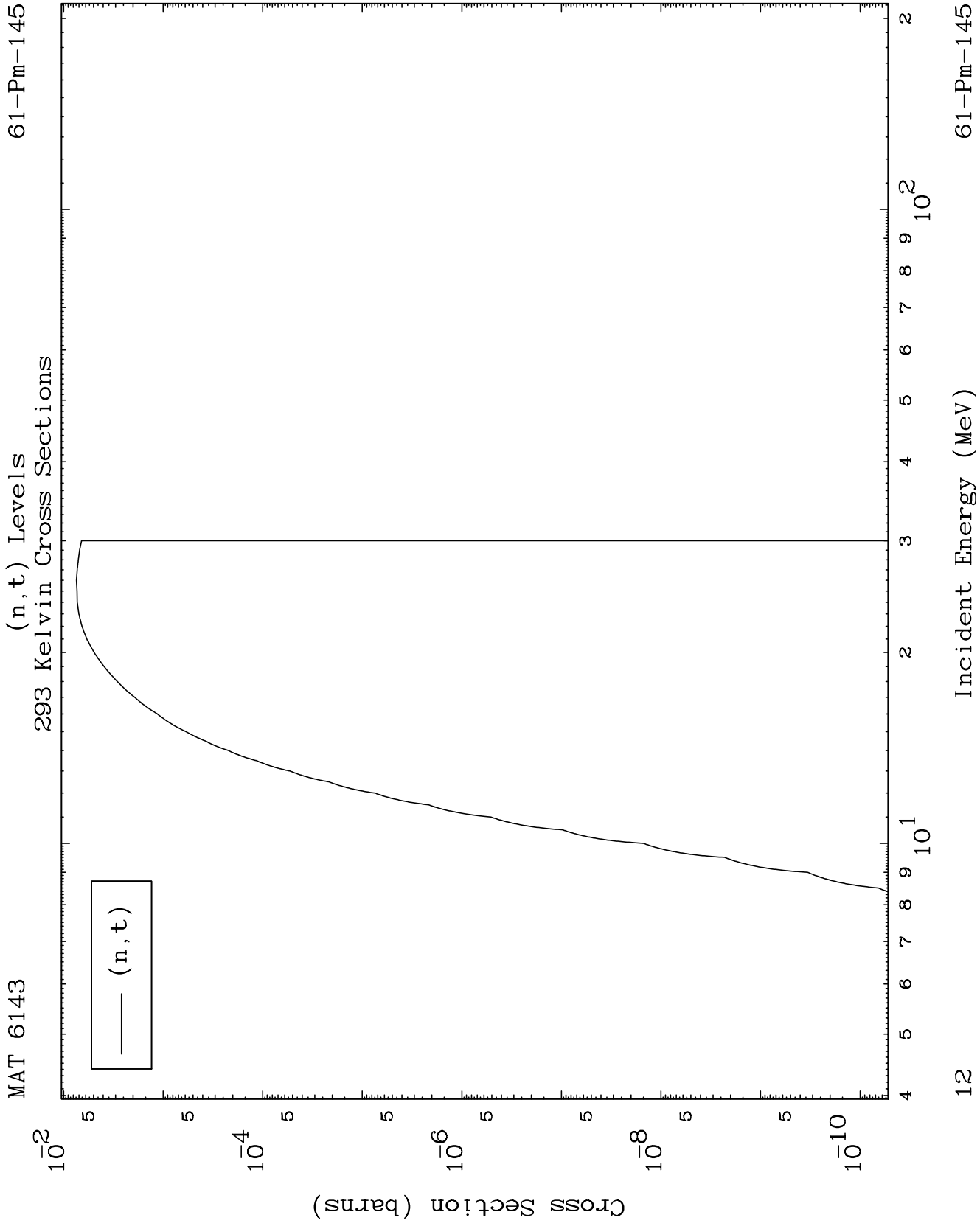
(n,d) Levels  
293 Kelvin Cross Sections



61-Pm-145

Incident Energy (MeV)

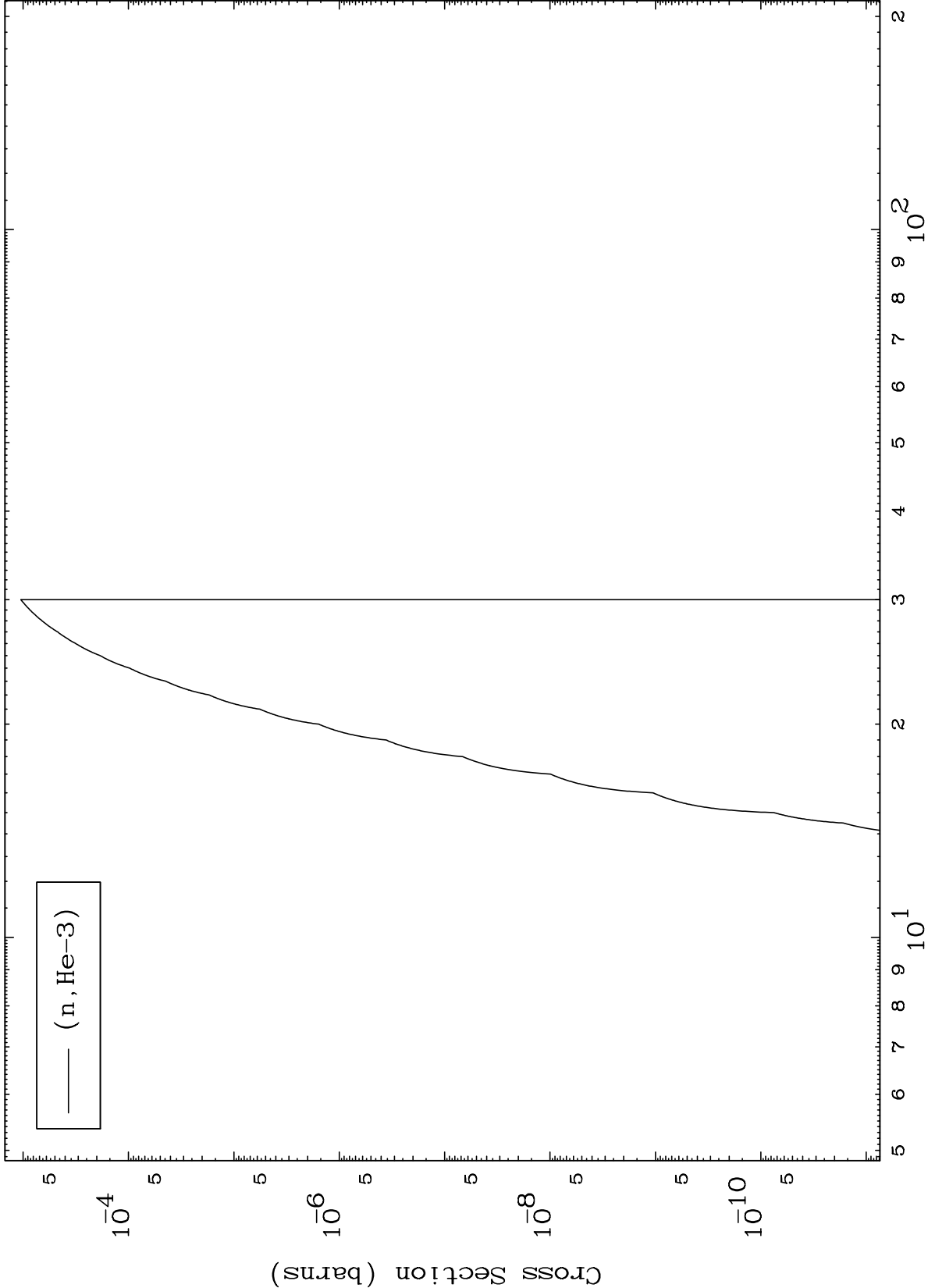
11



MAT 6143

(n,He3) Levels  
293 Kelvin Cross Sections

61-Pm-145



13

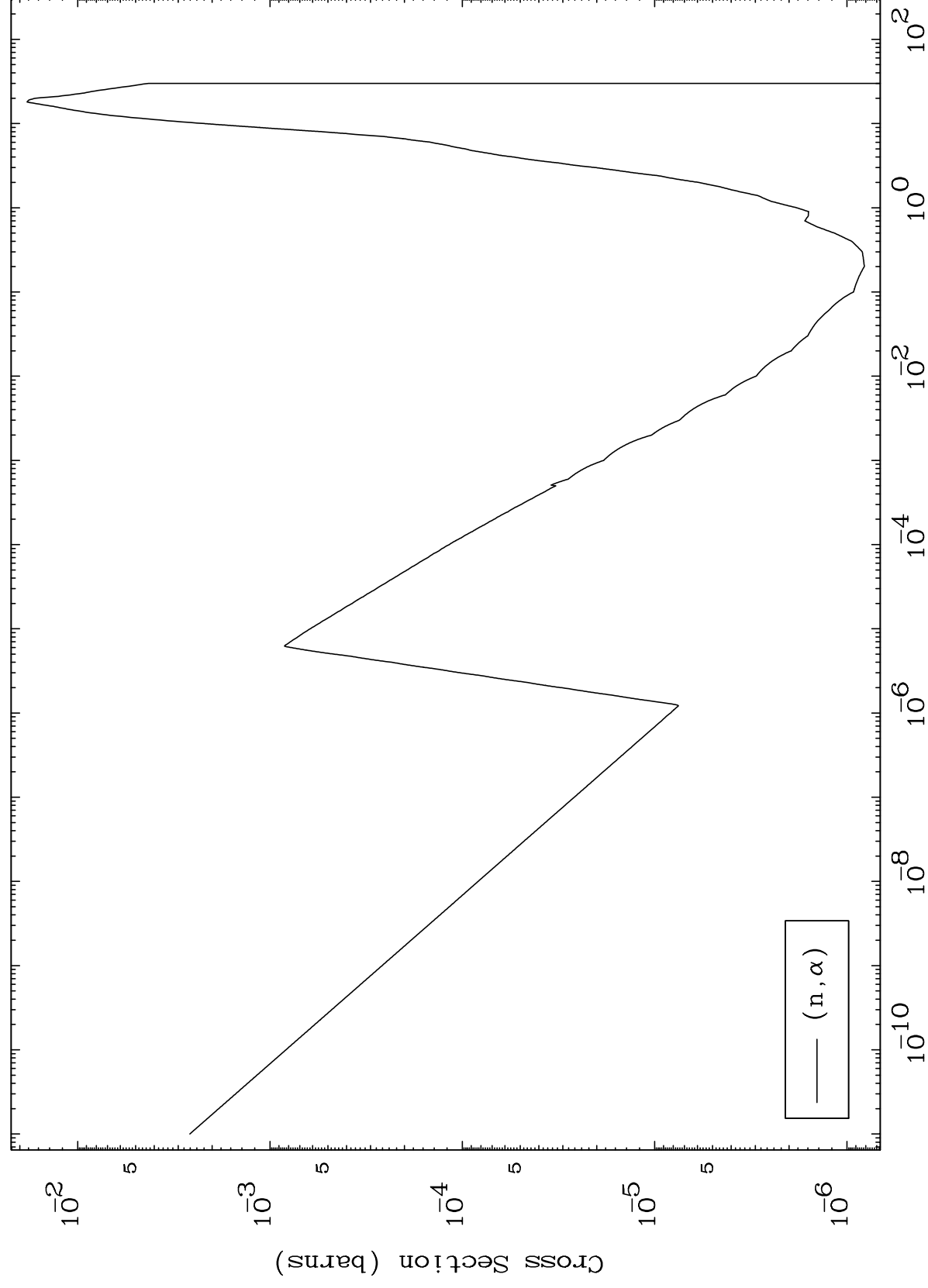
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

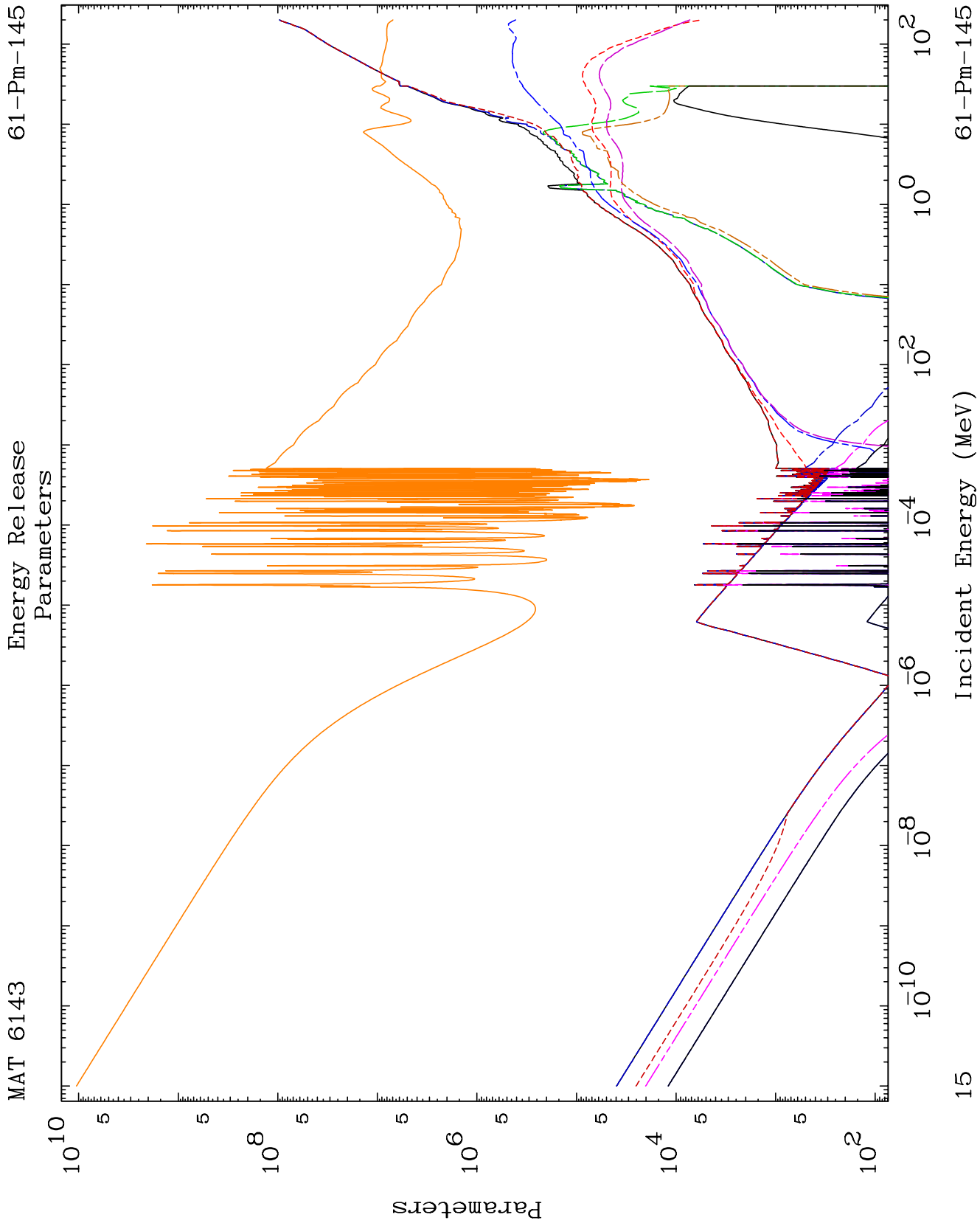
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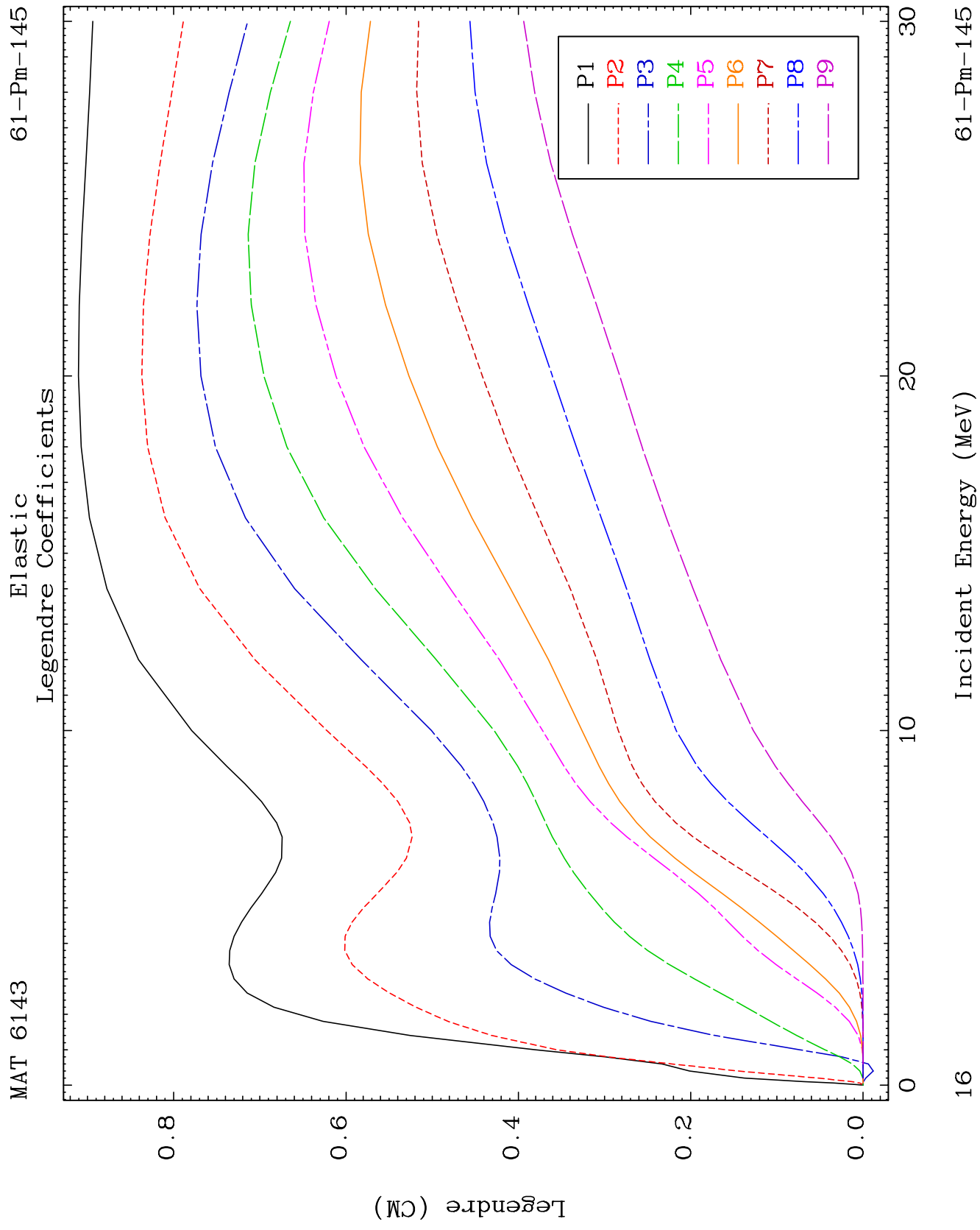


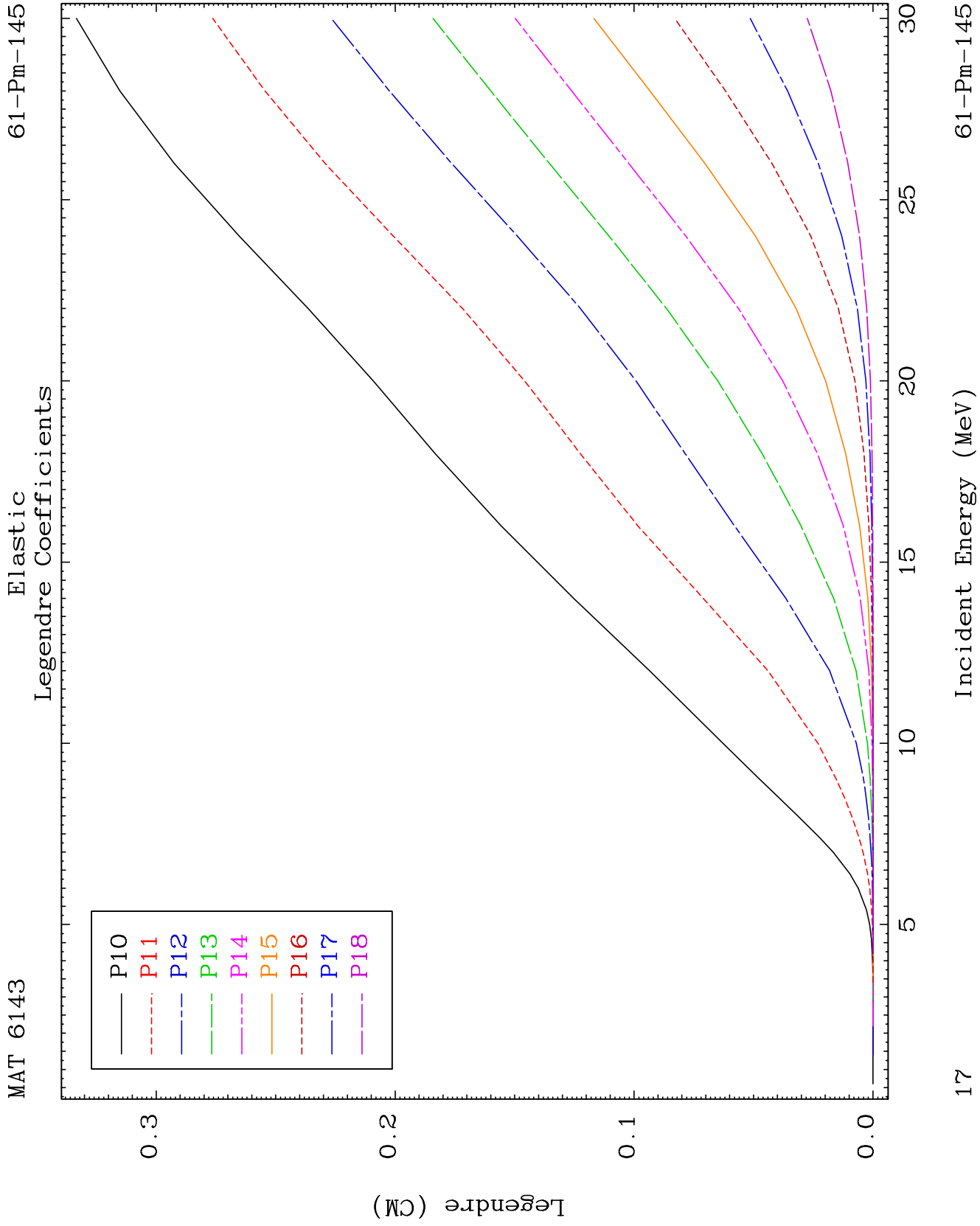
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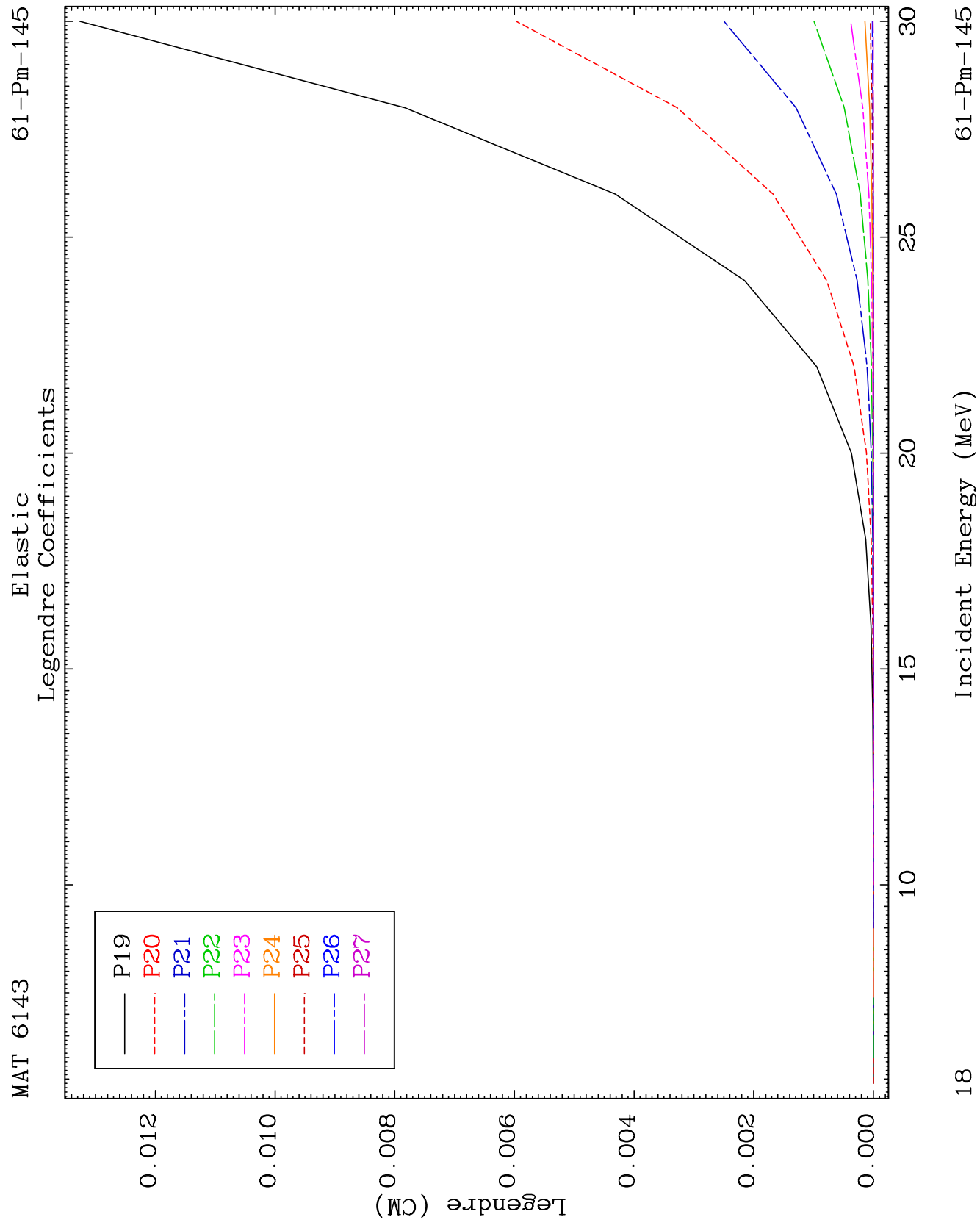
Incident Energy (MeV)

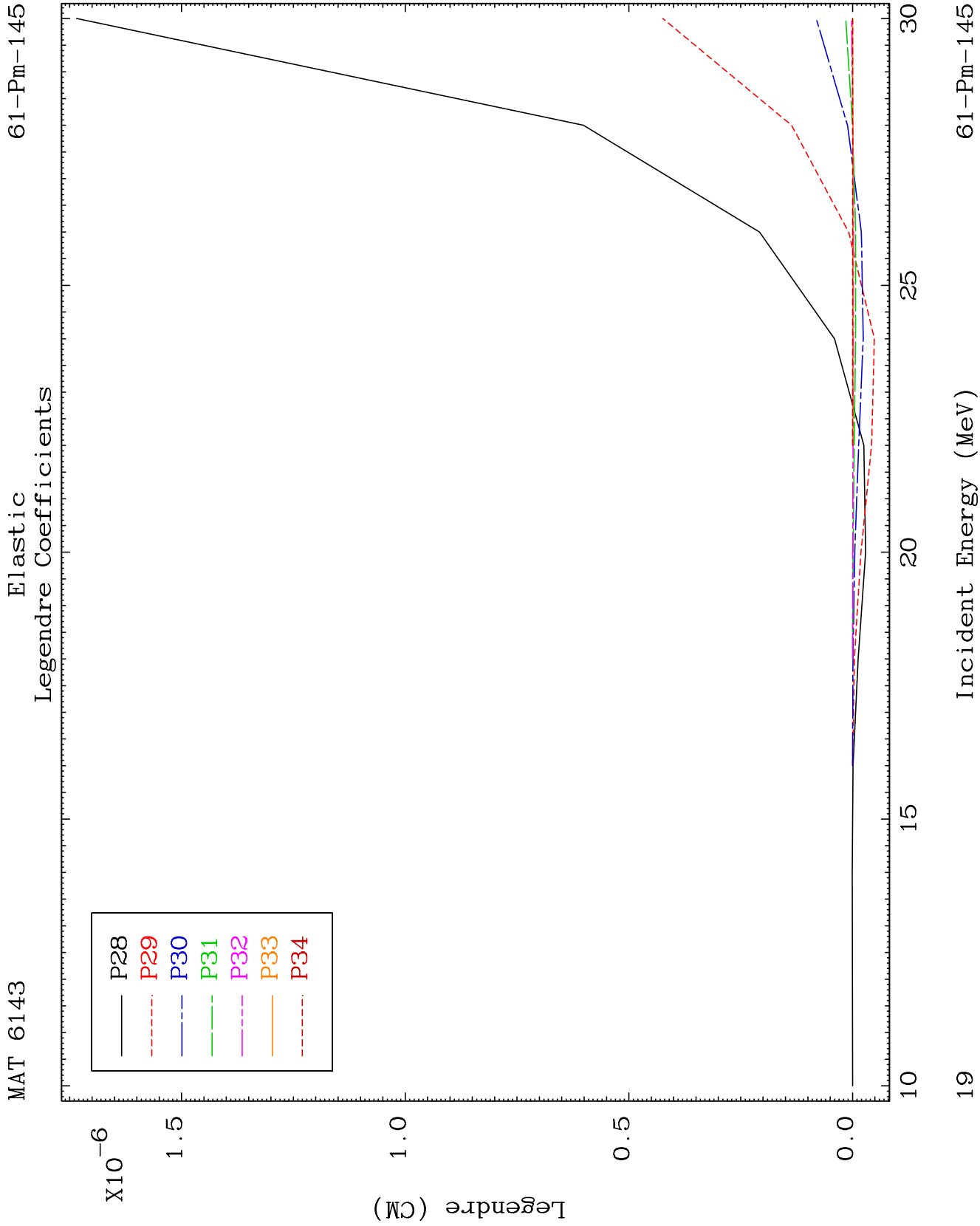
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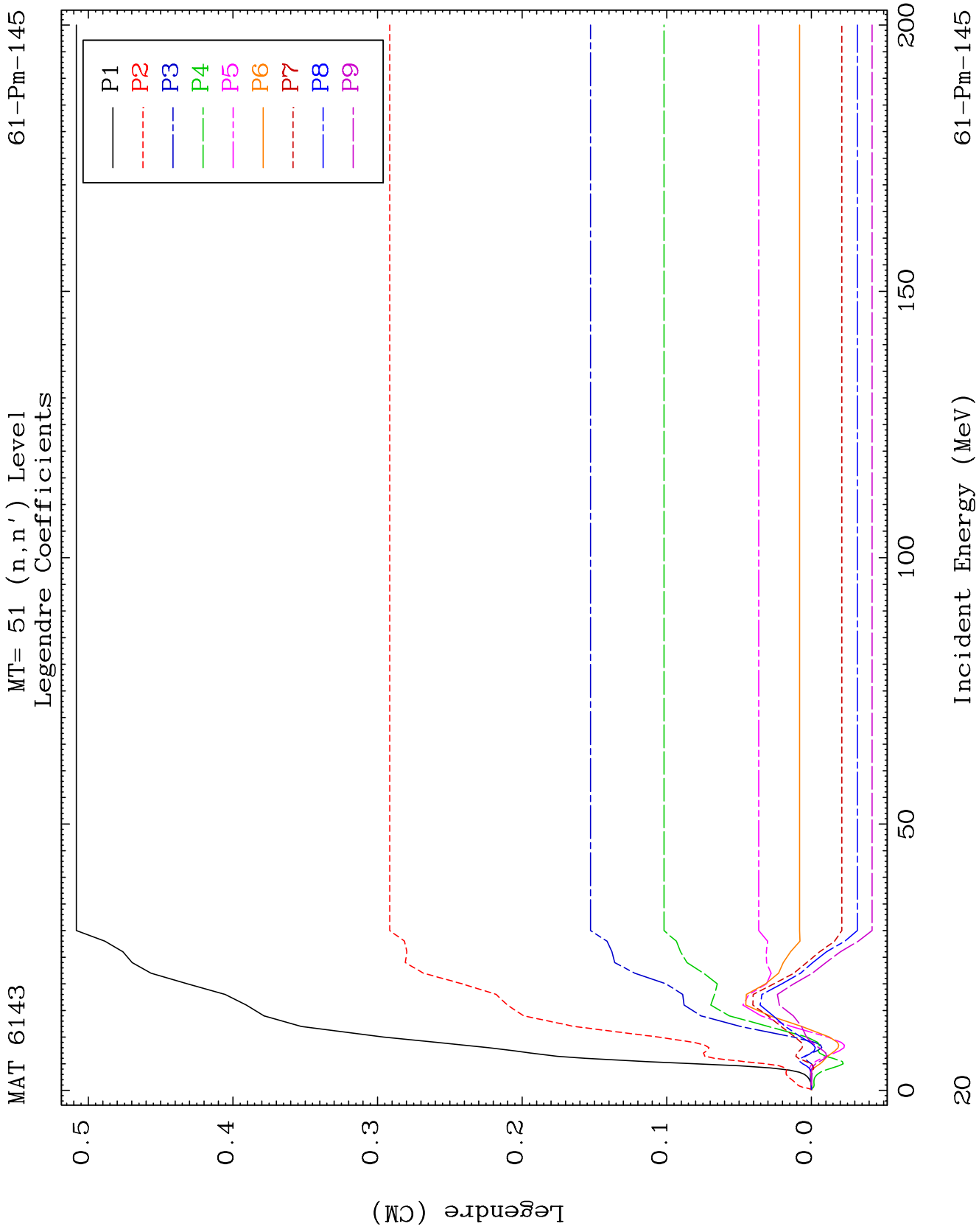








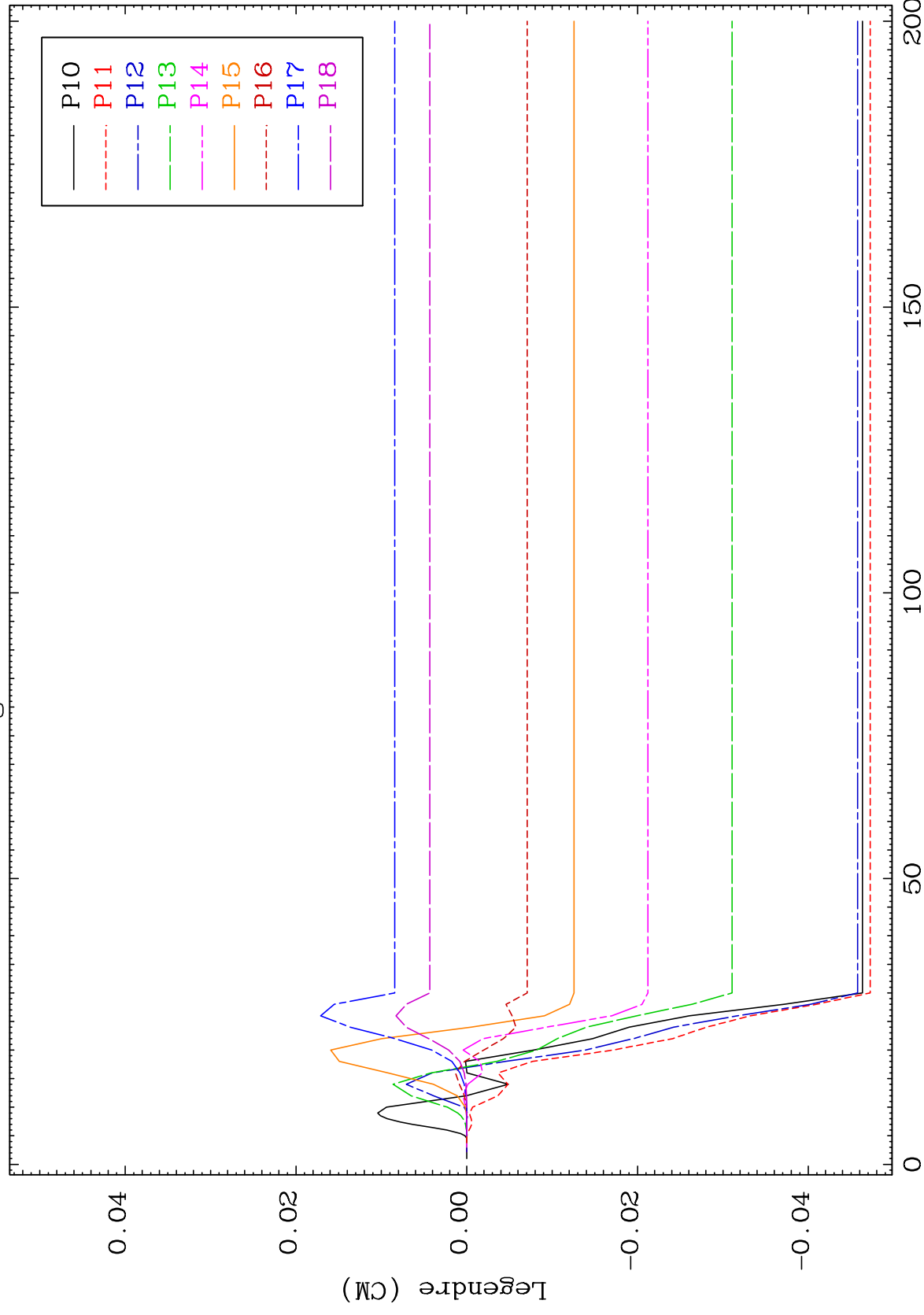




MAT 6143

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

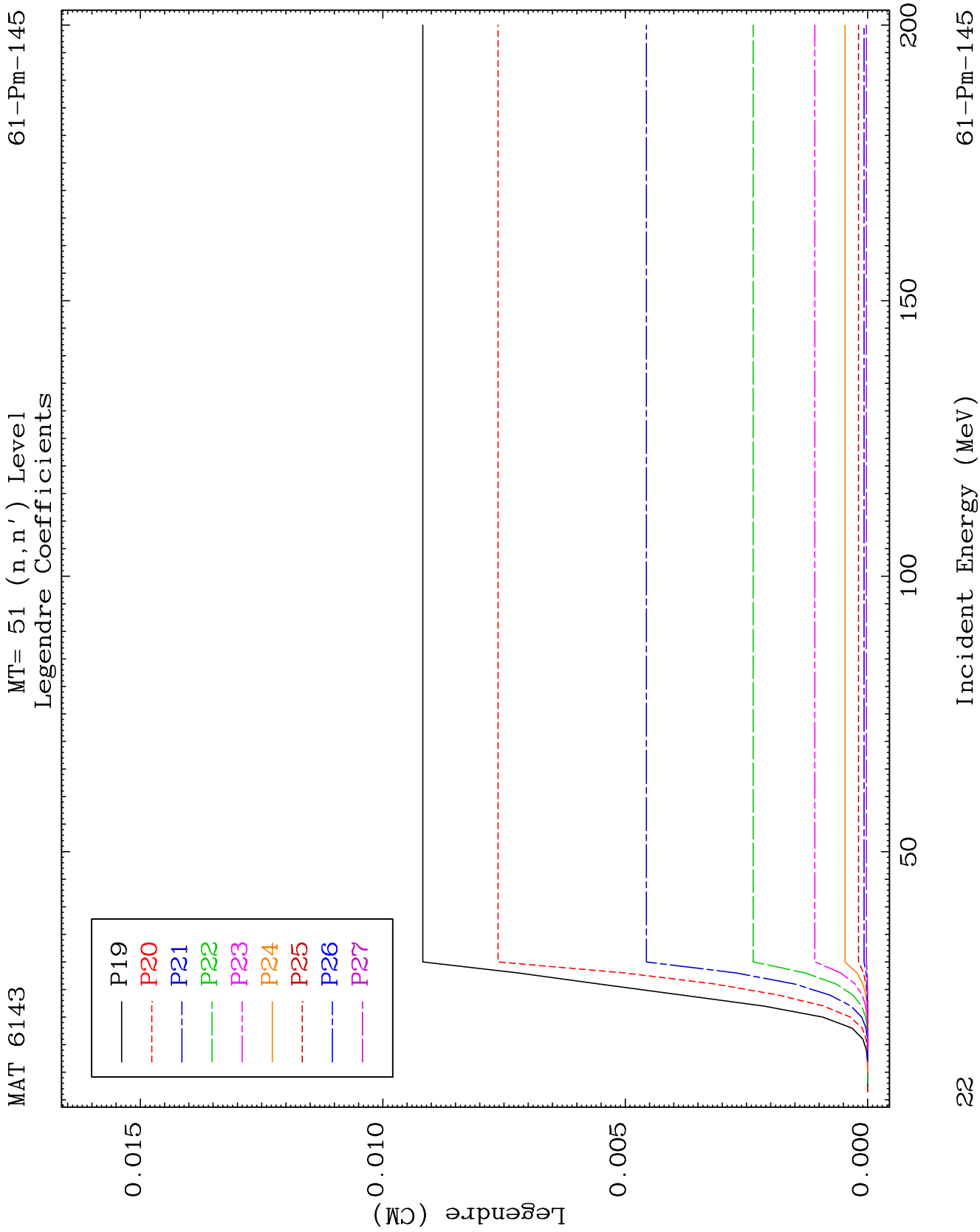
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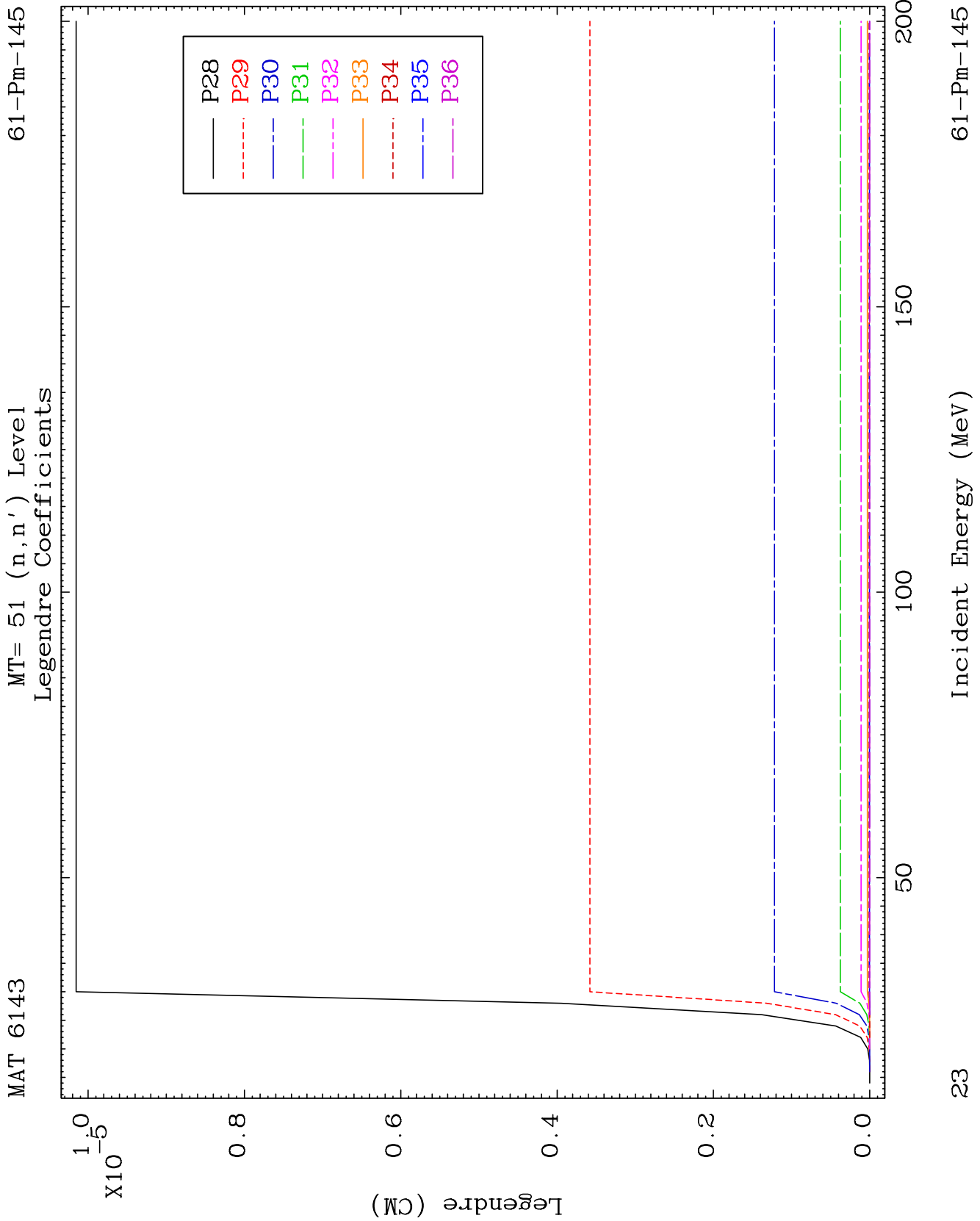


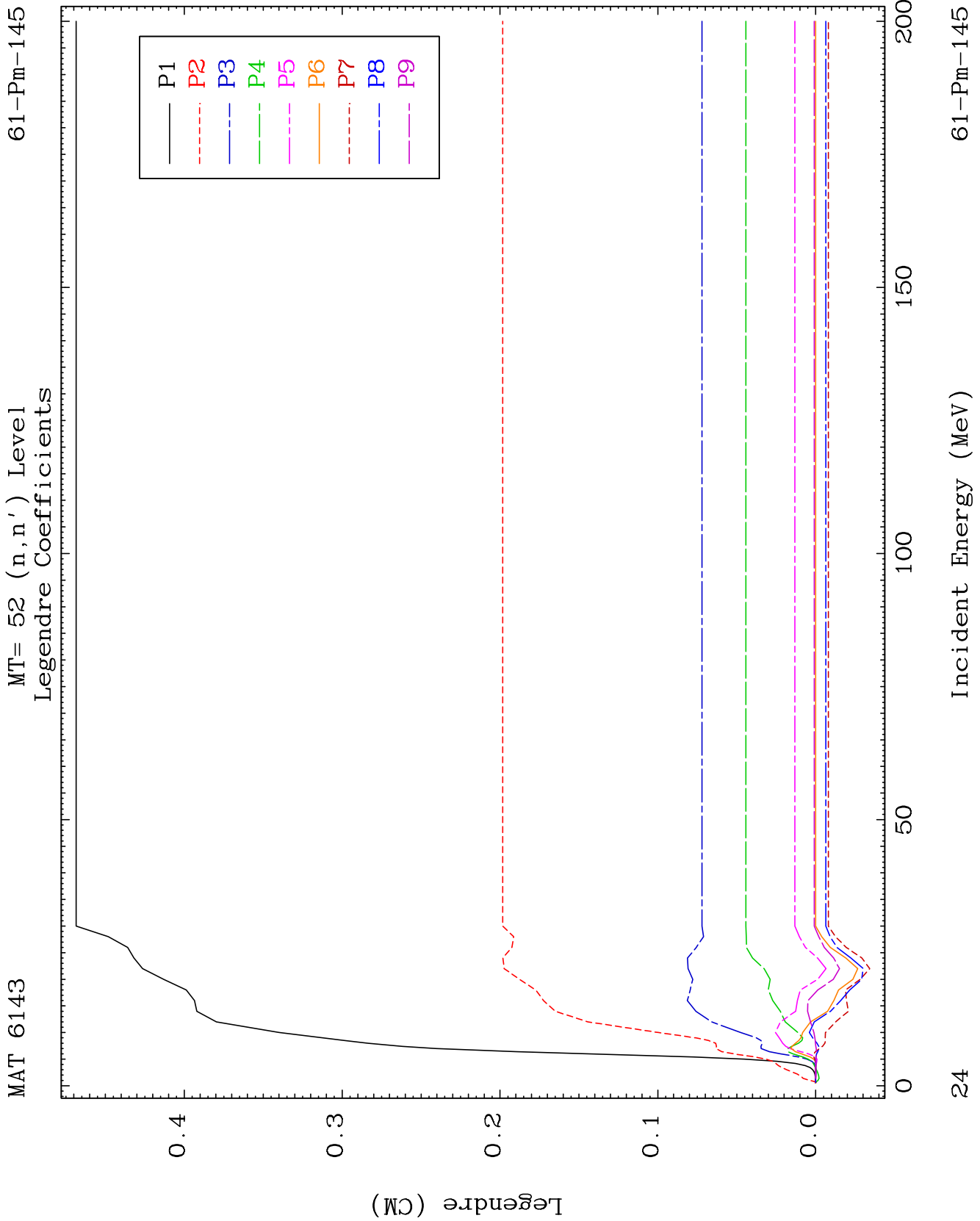
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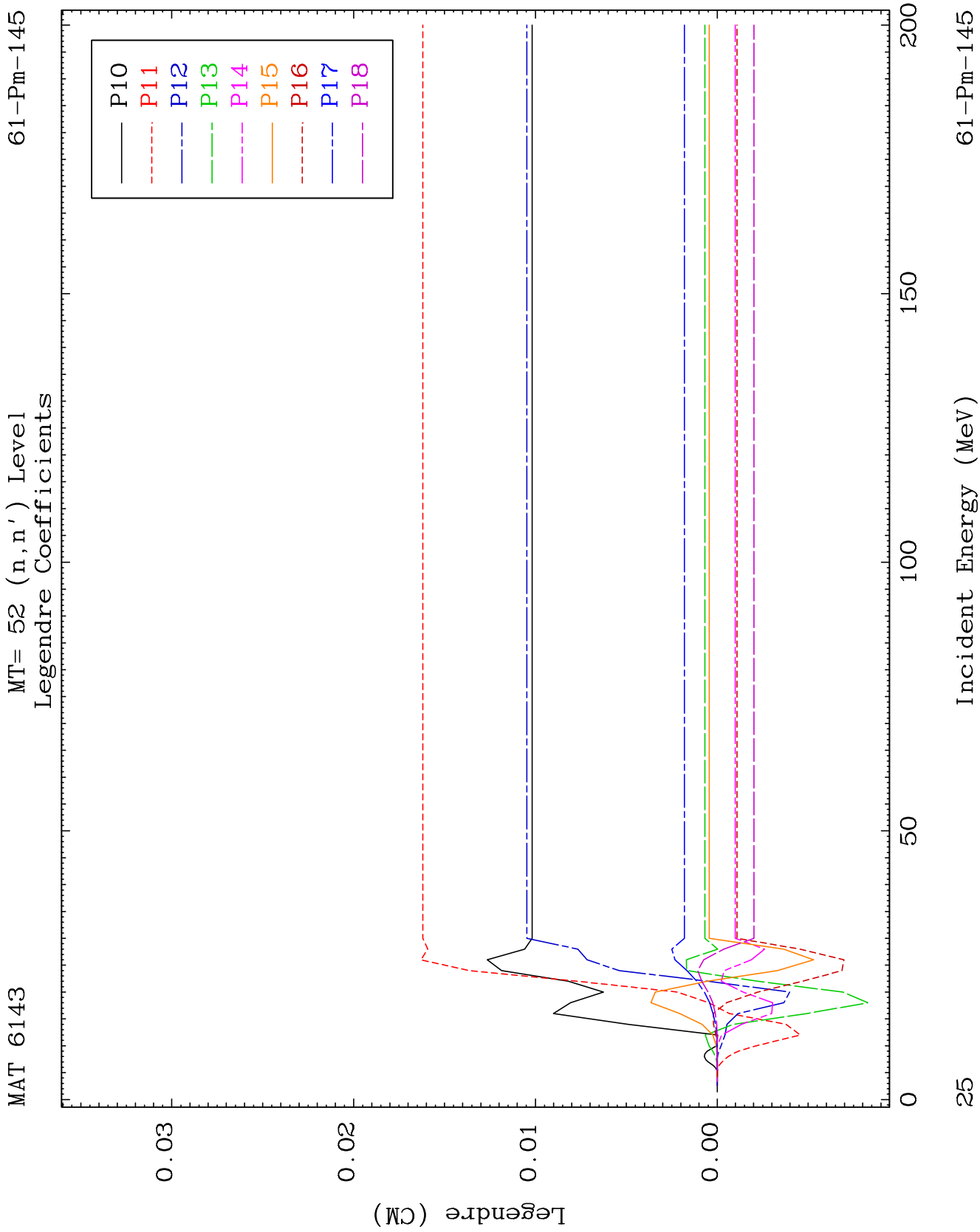
Incident Energy (MeV)

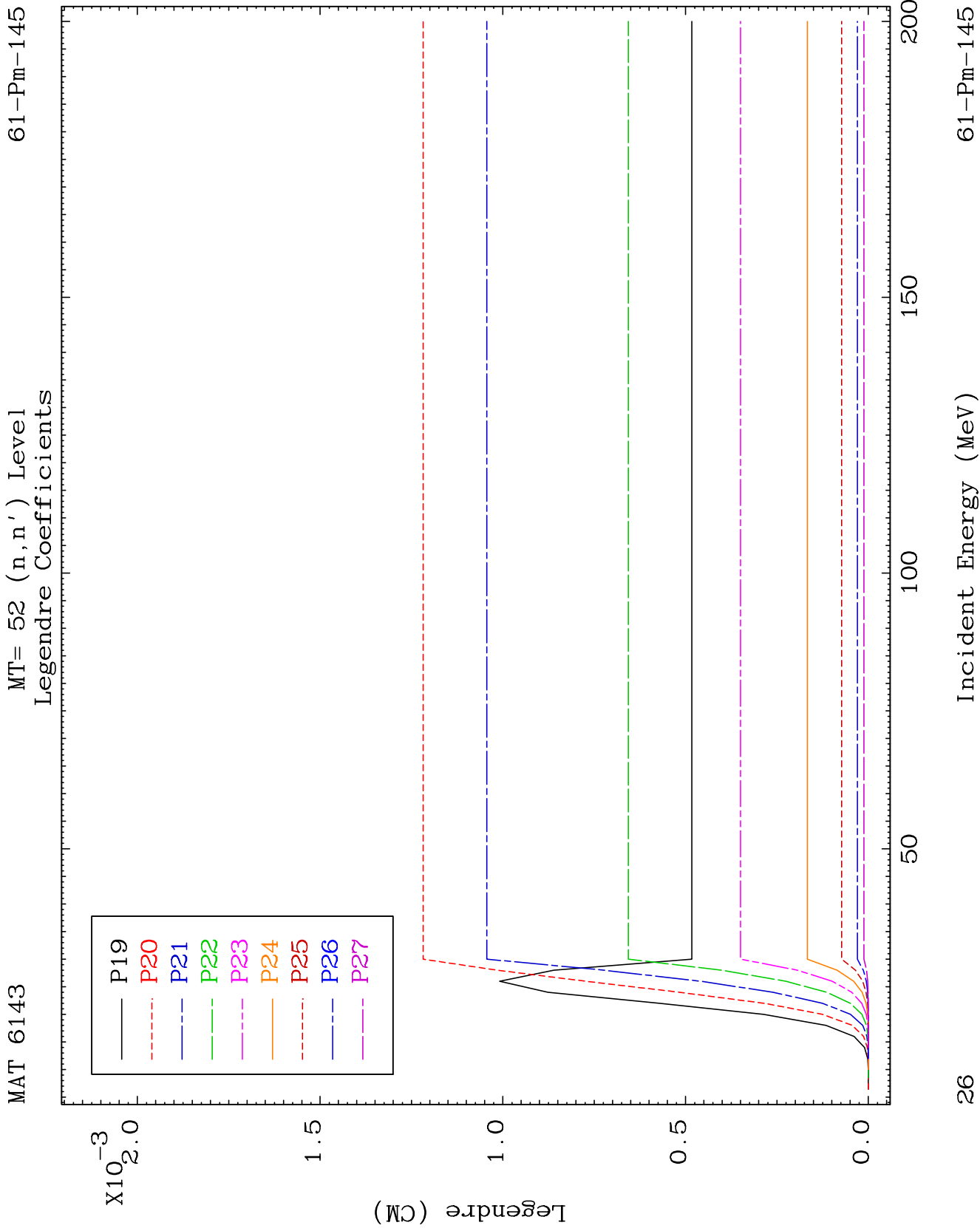
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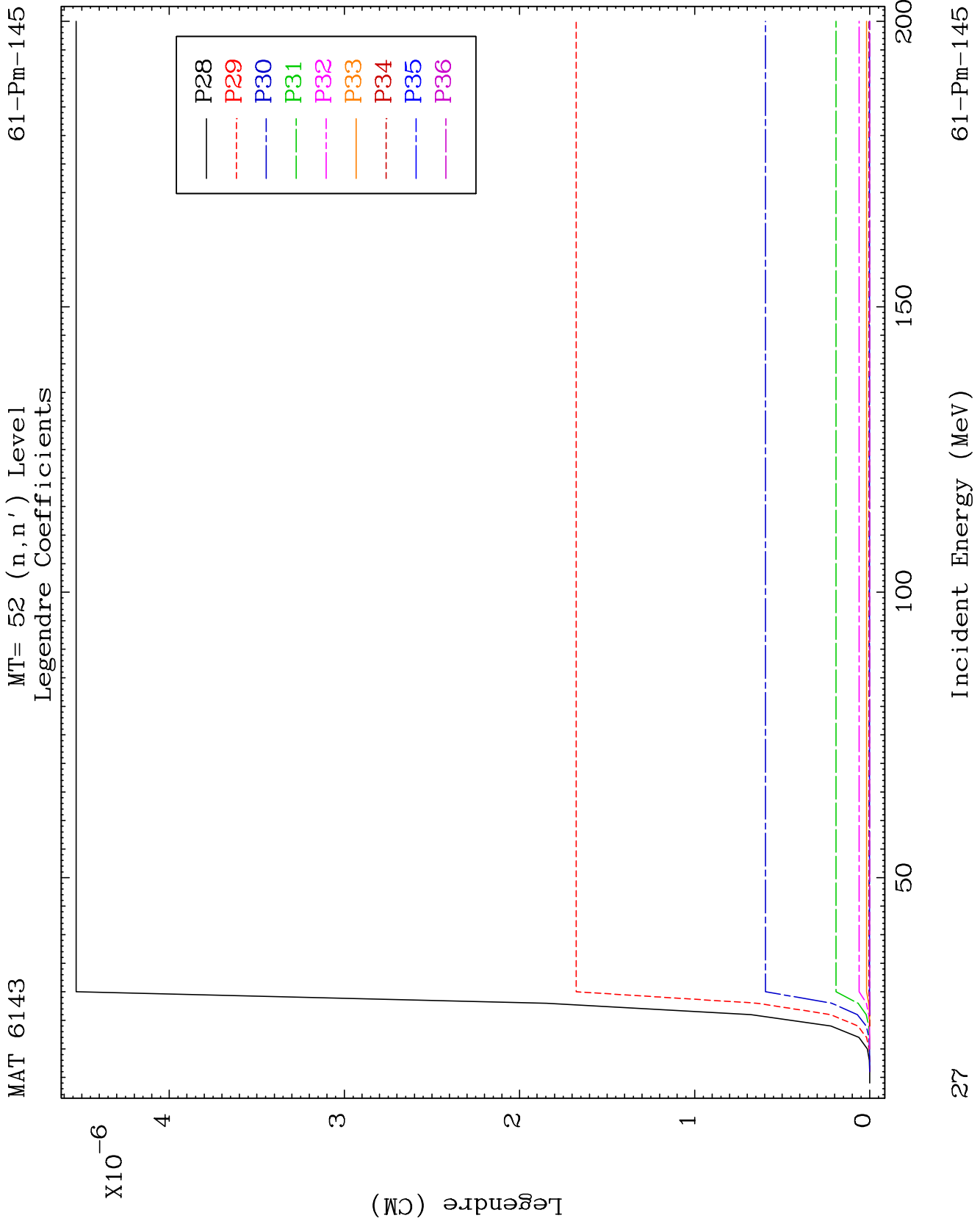


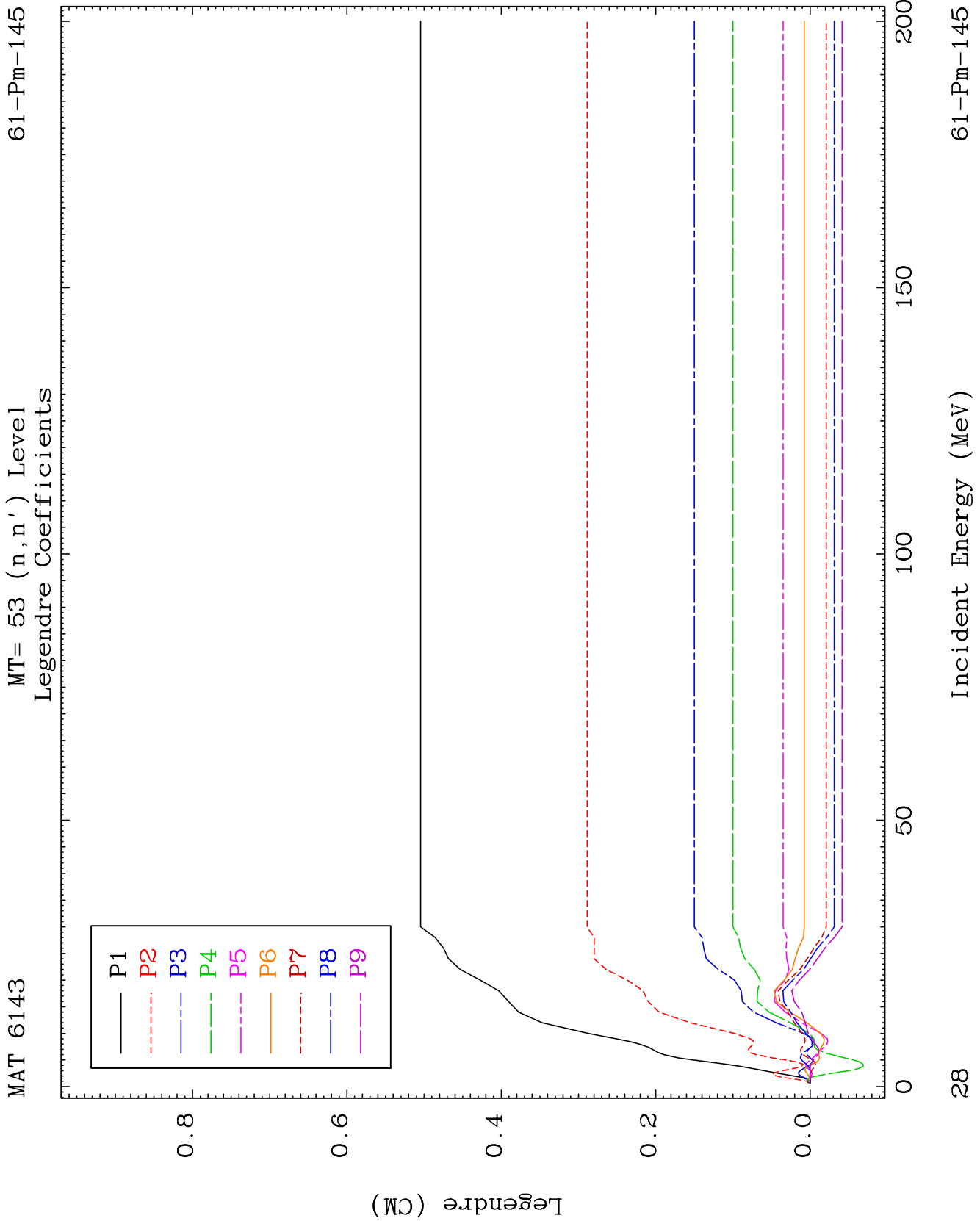








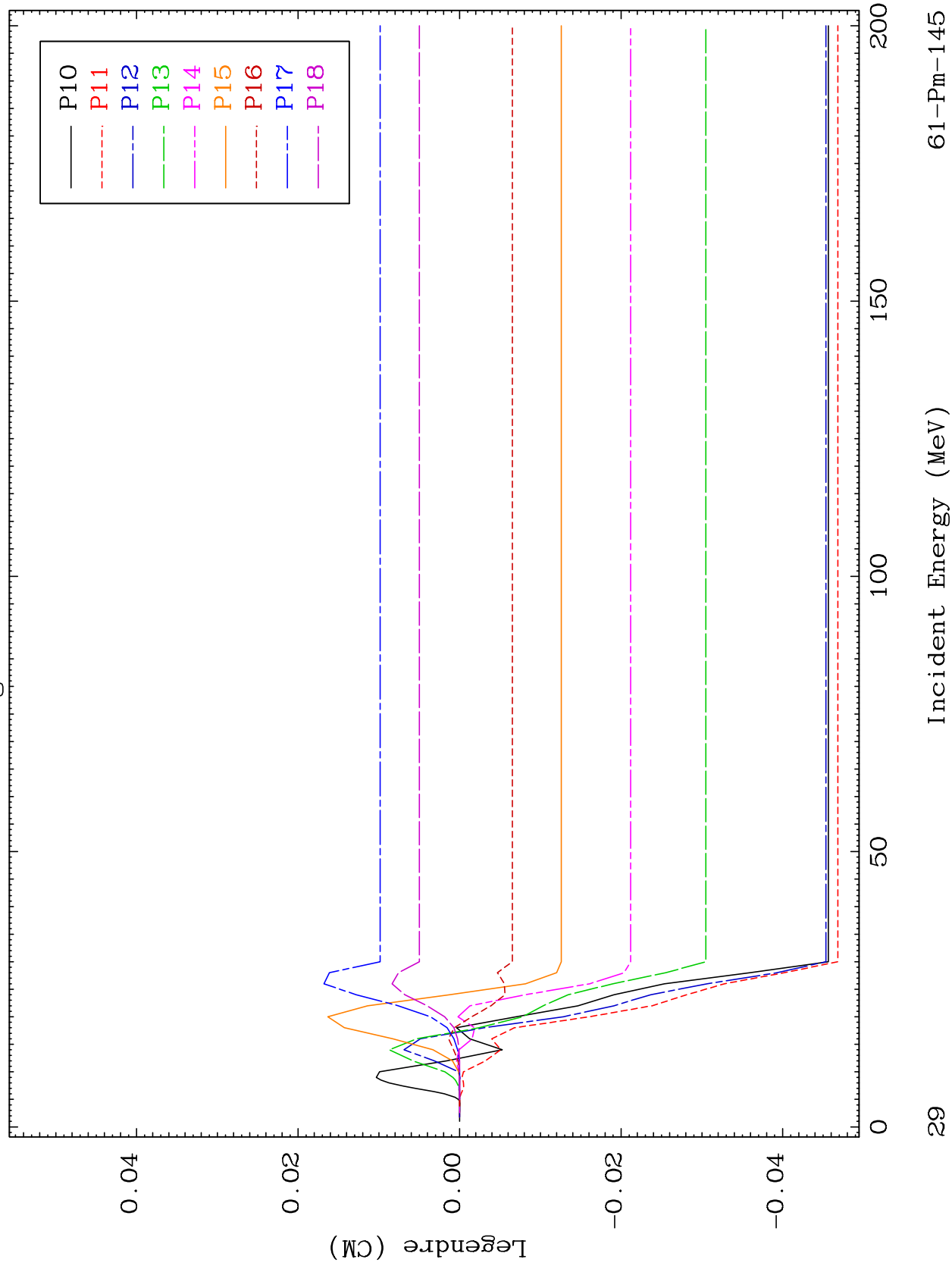


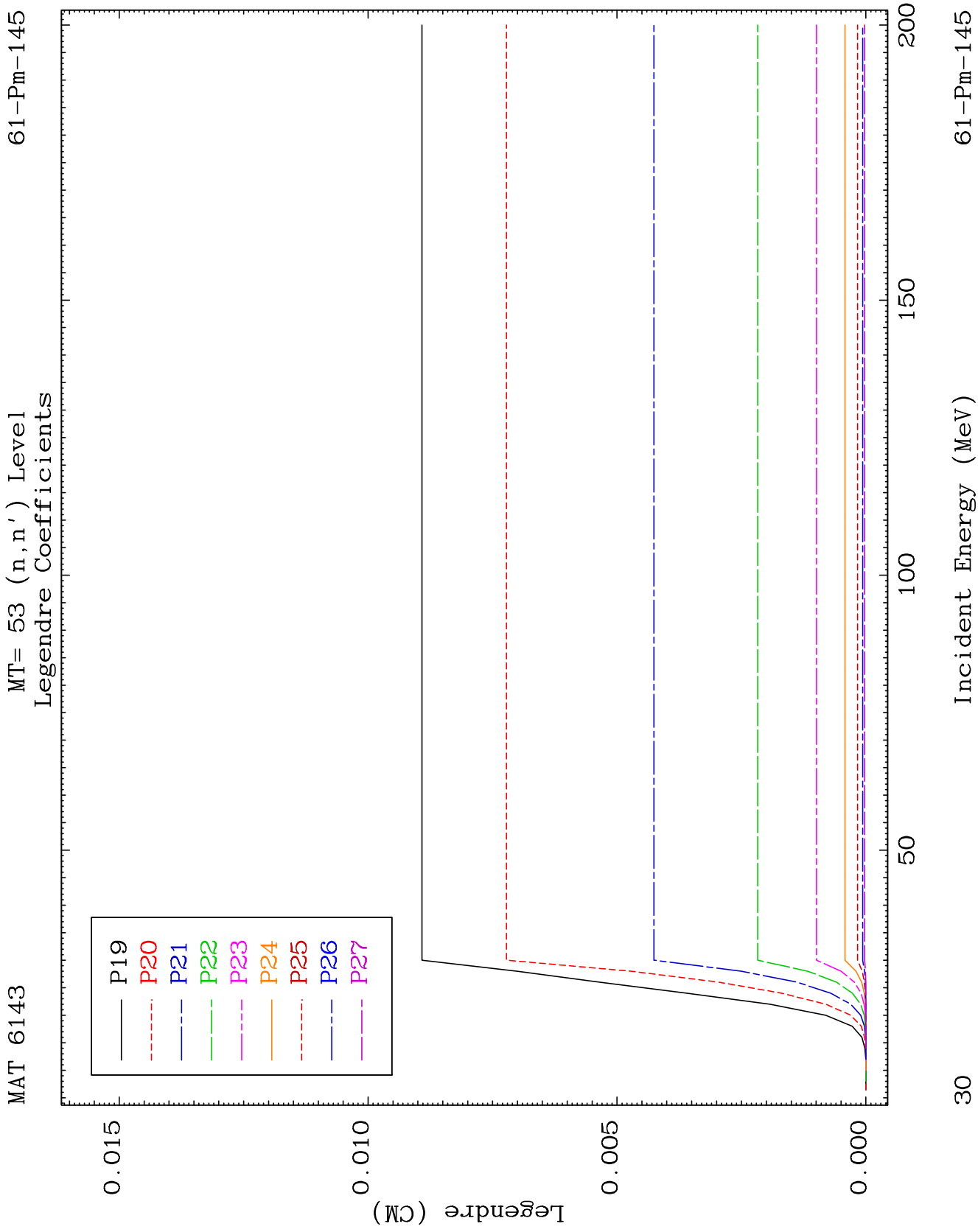


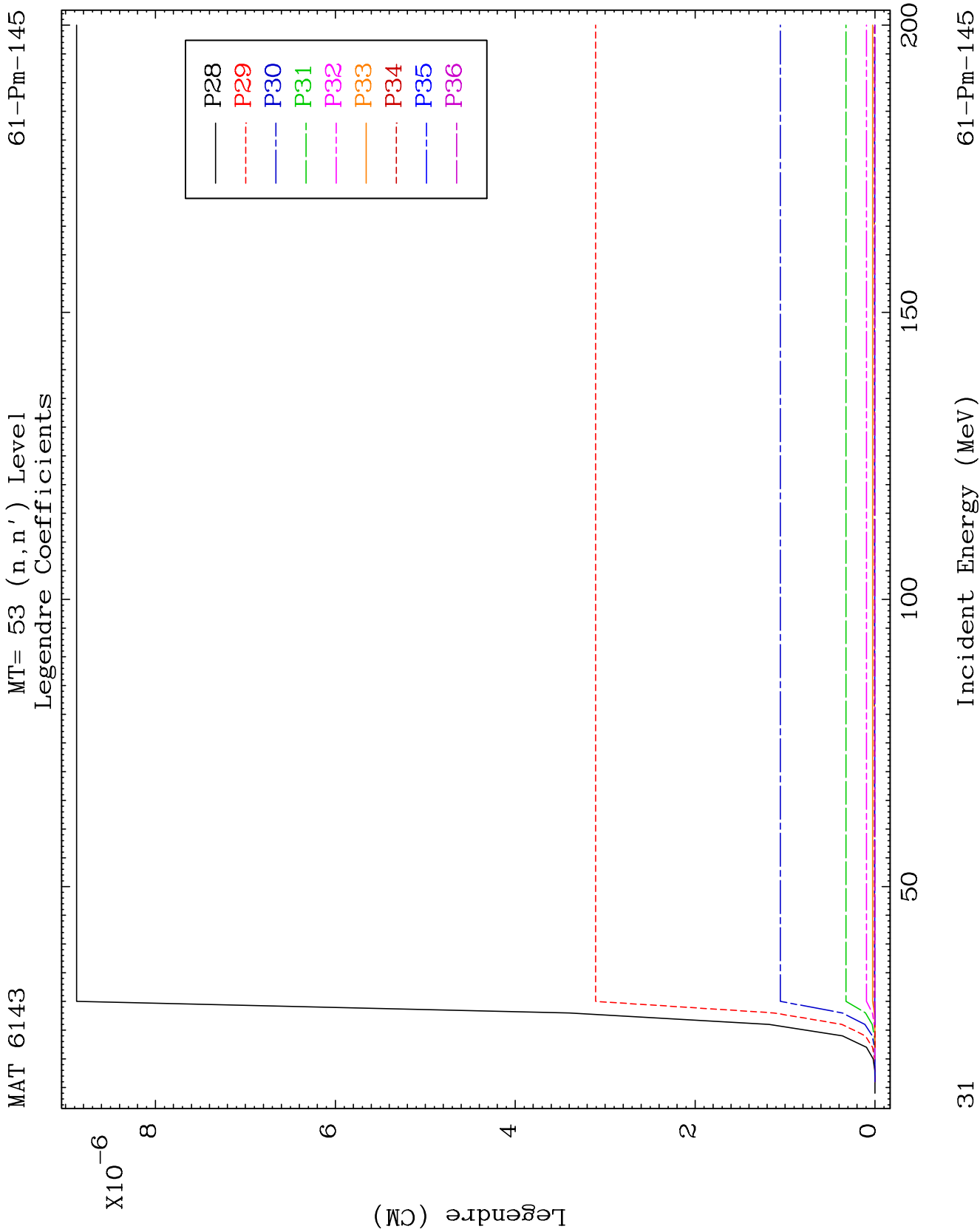
MAT 6143

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

61-Pm-145



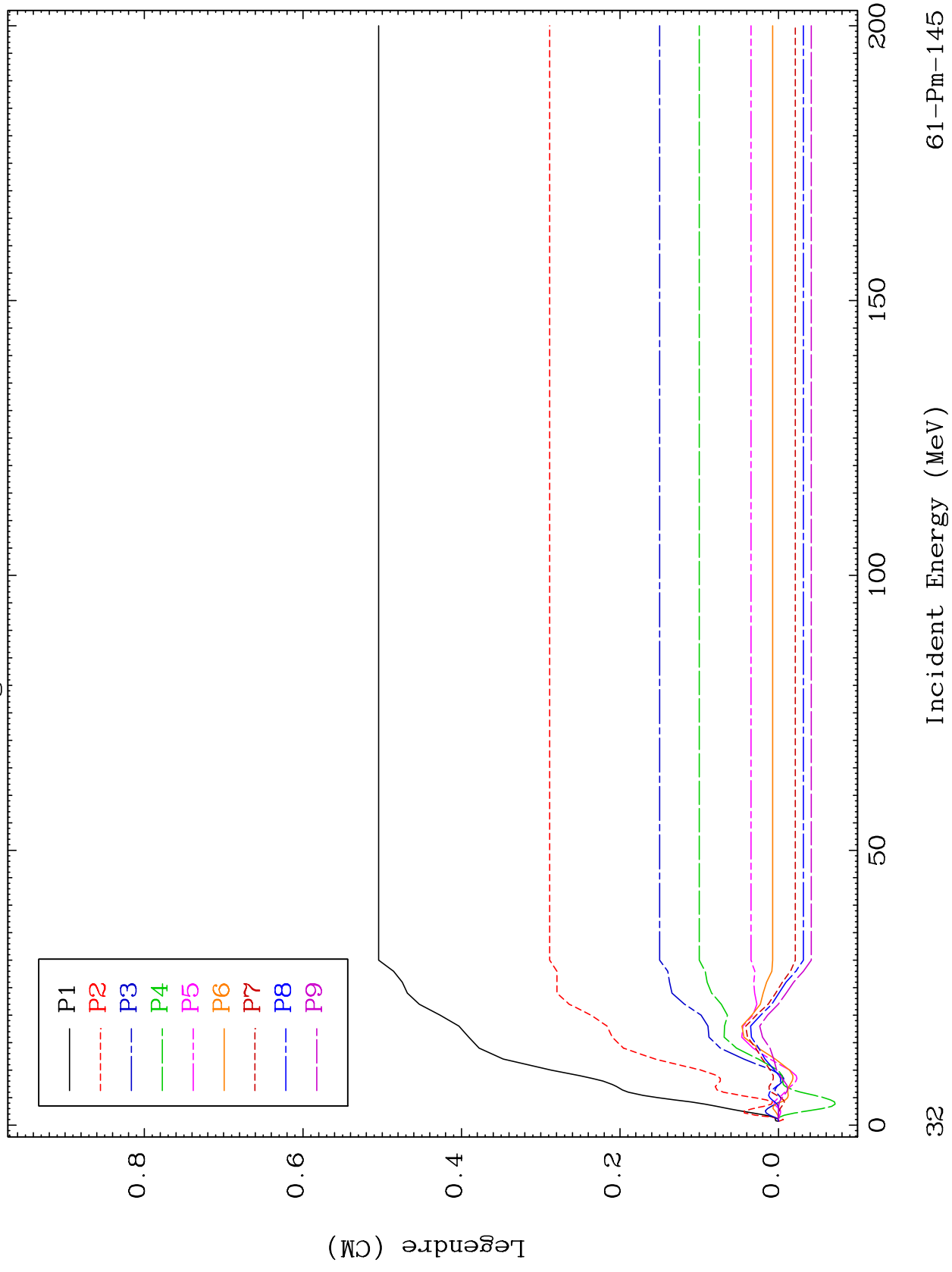


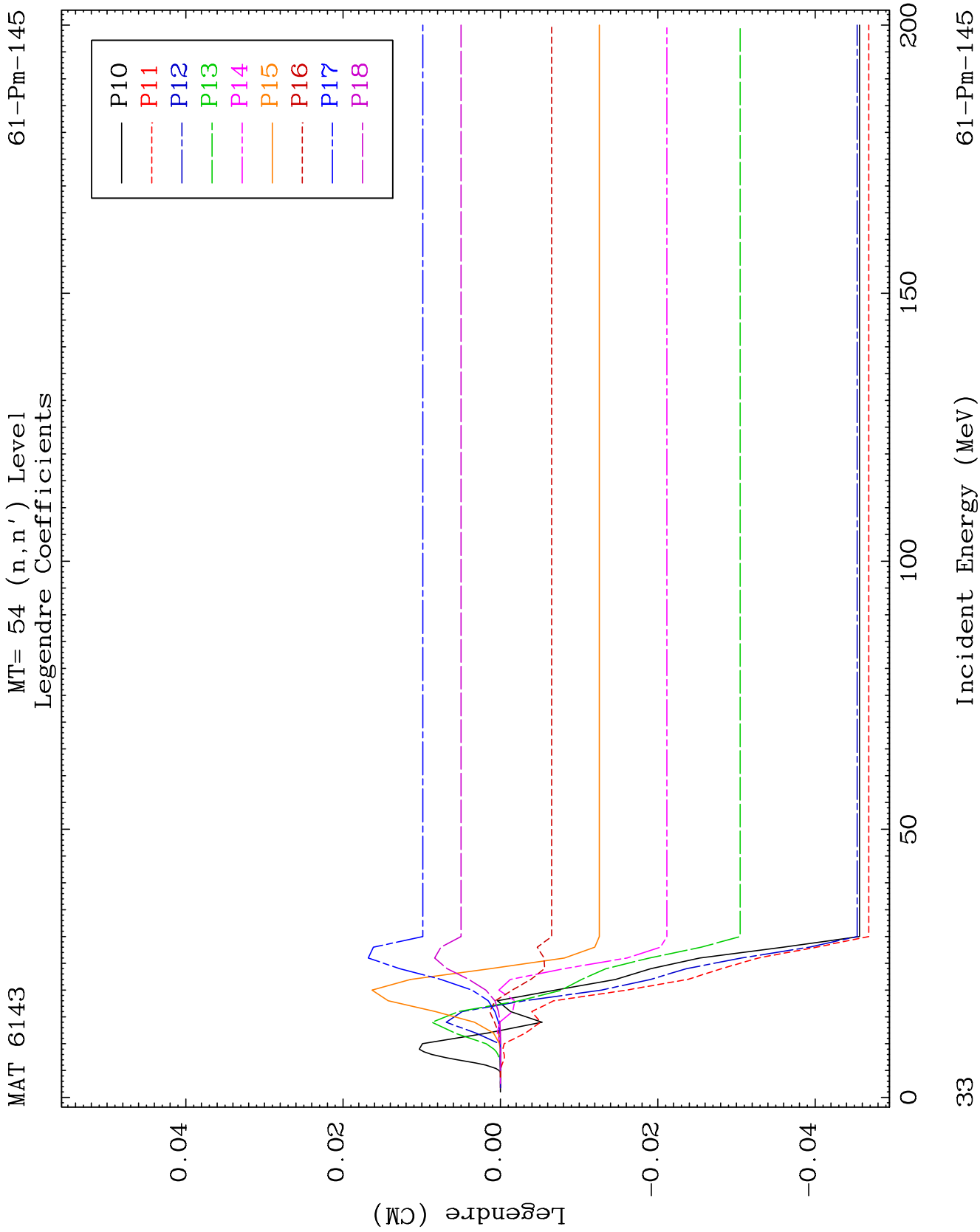


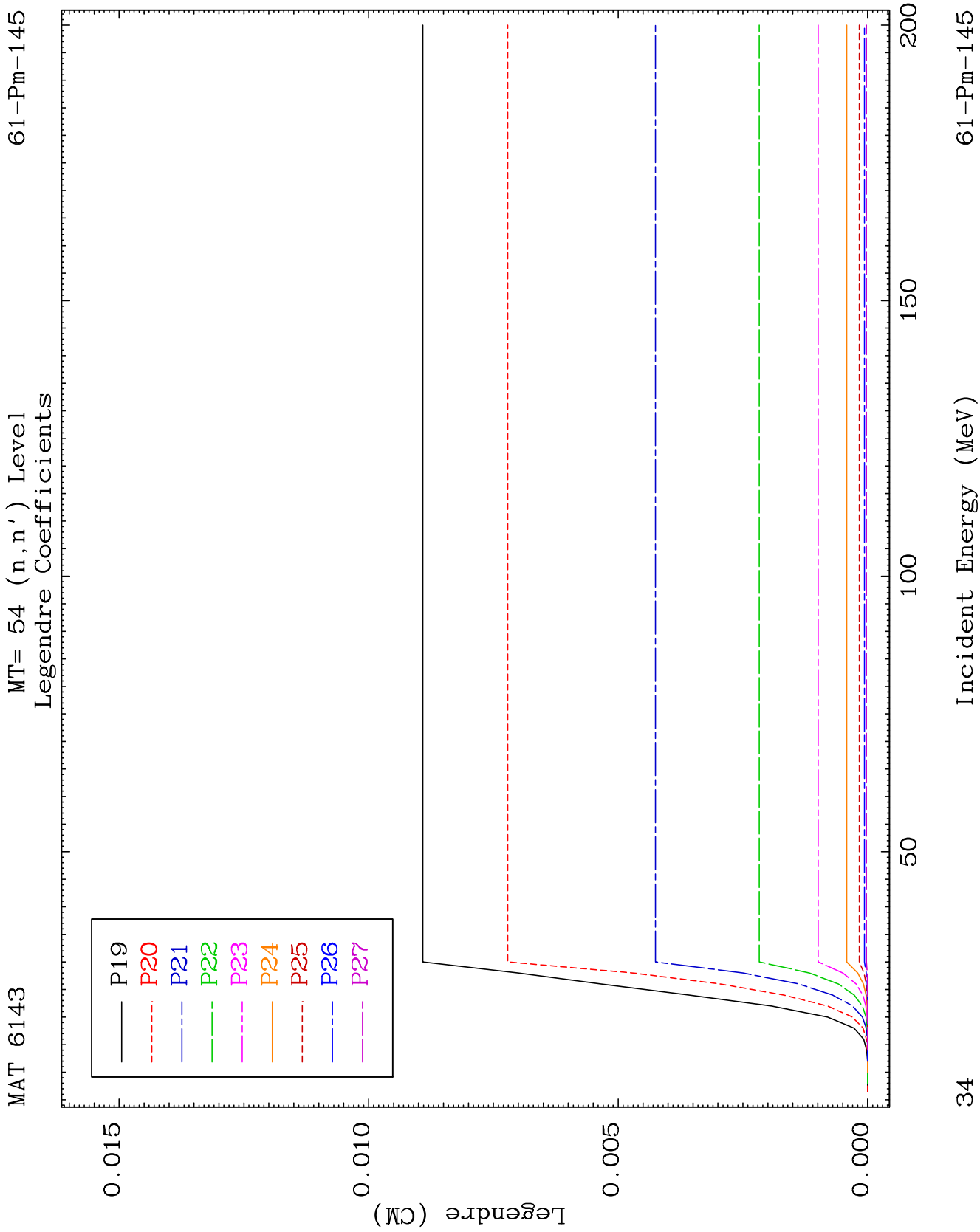
MAT 6143

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

61-Pm-145



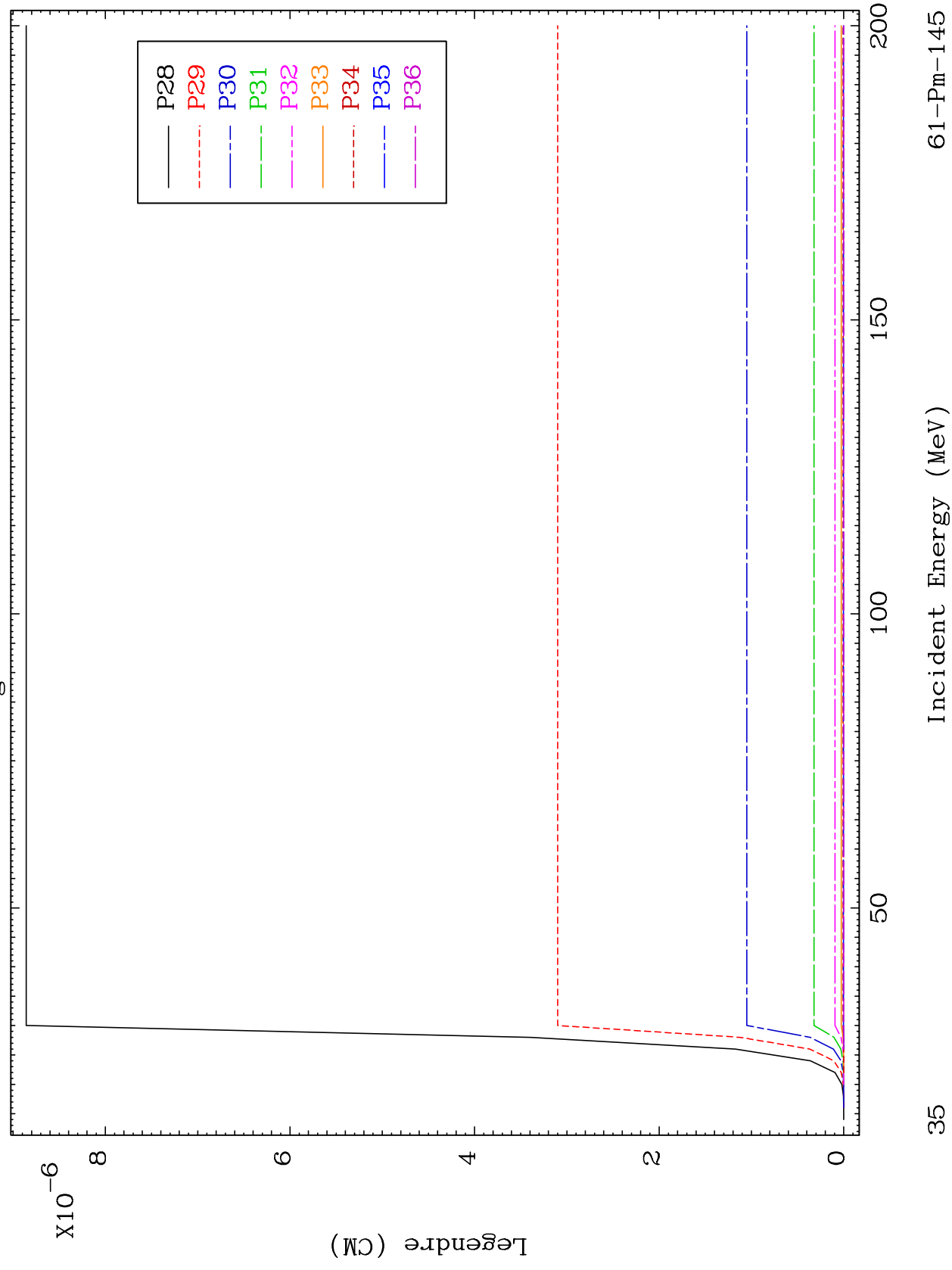




MAT 6143

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

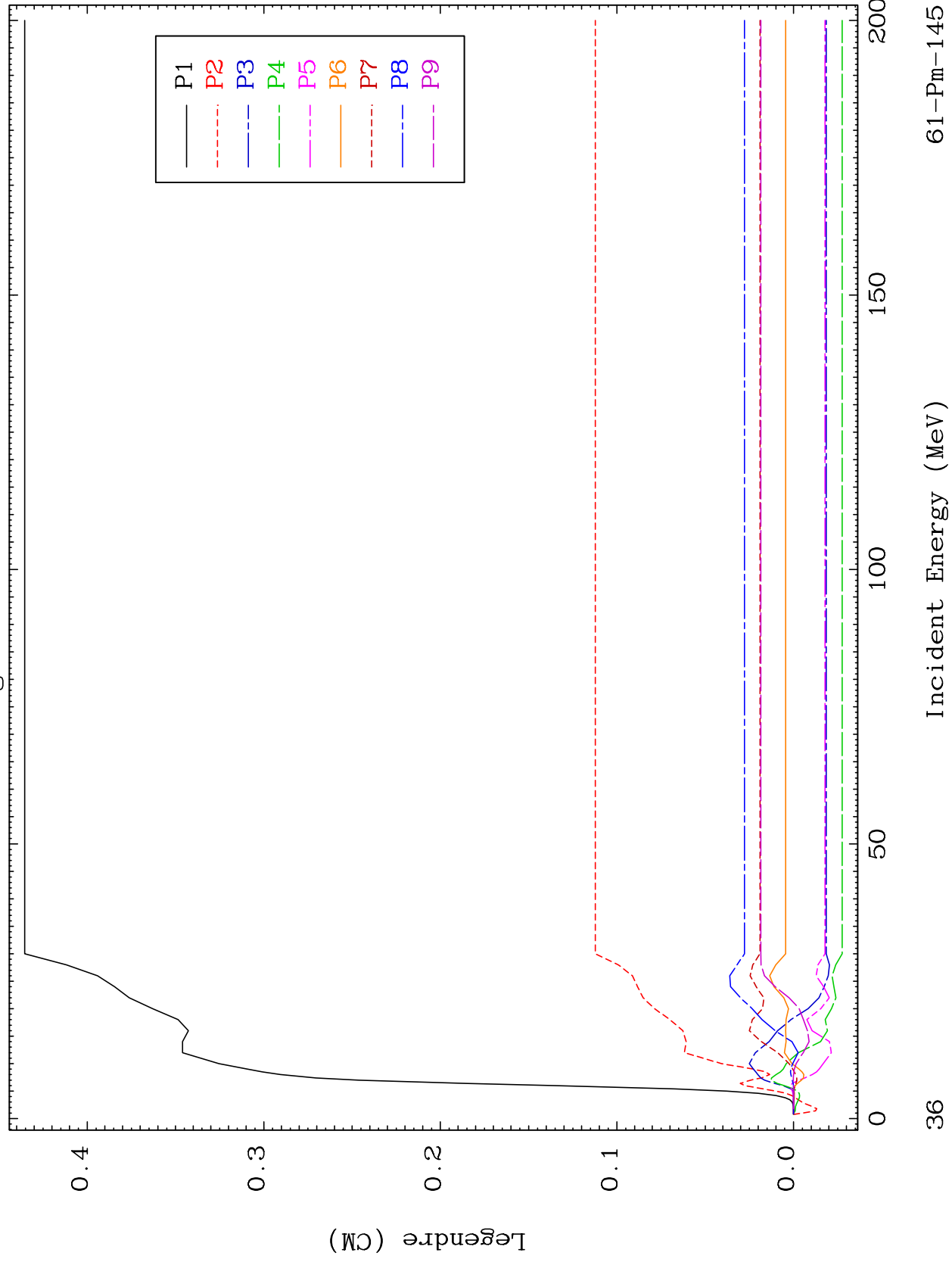
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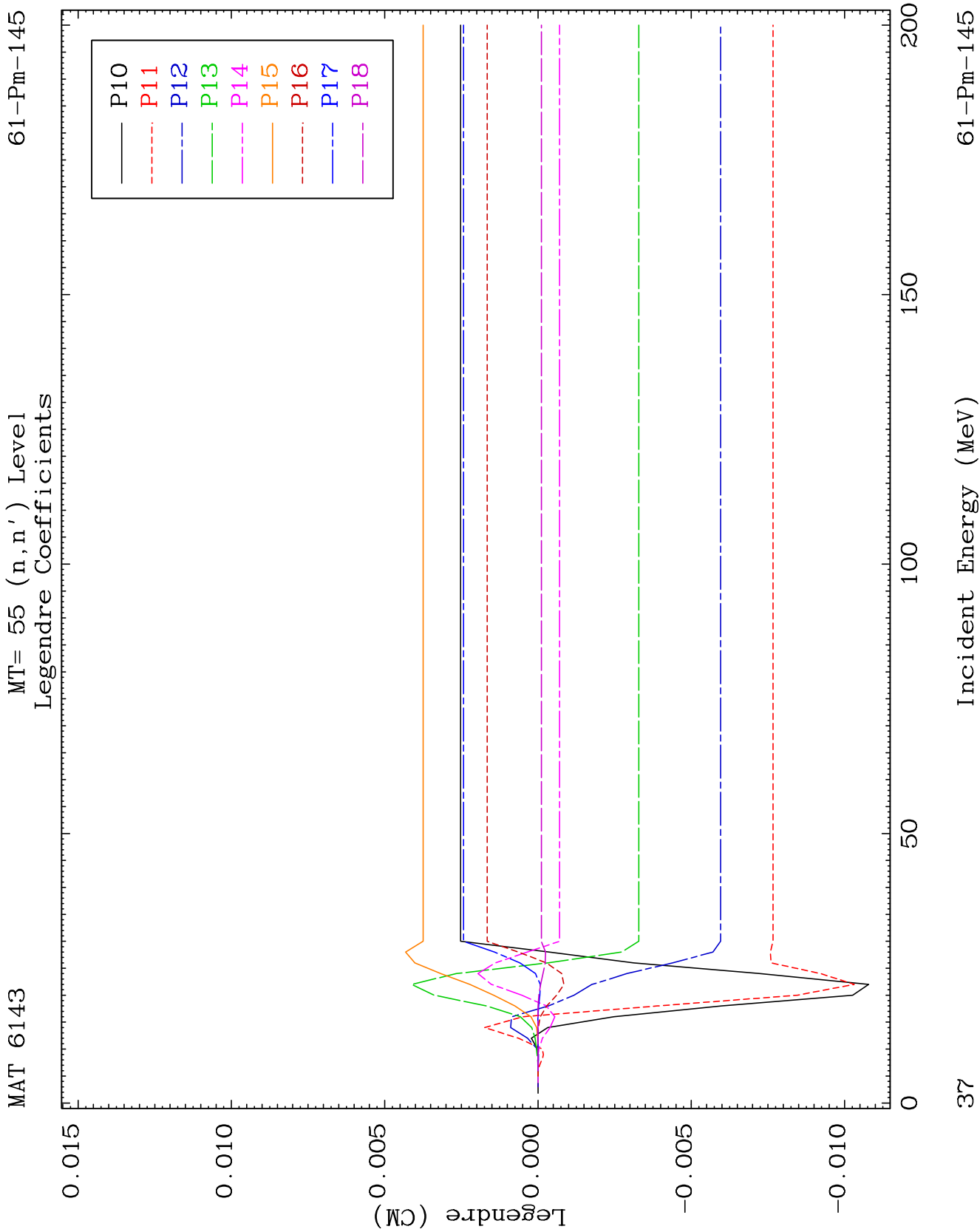


MAT 6143

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

61-Pm-145



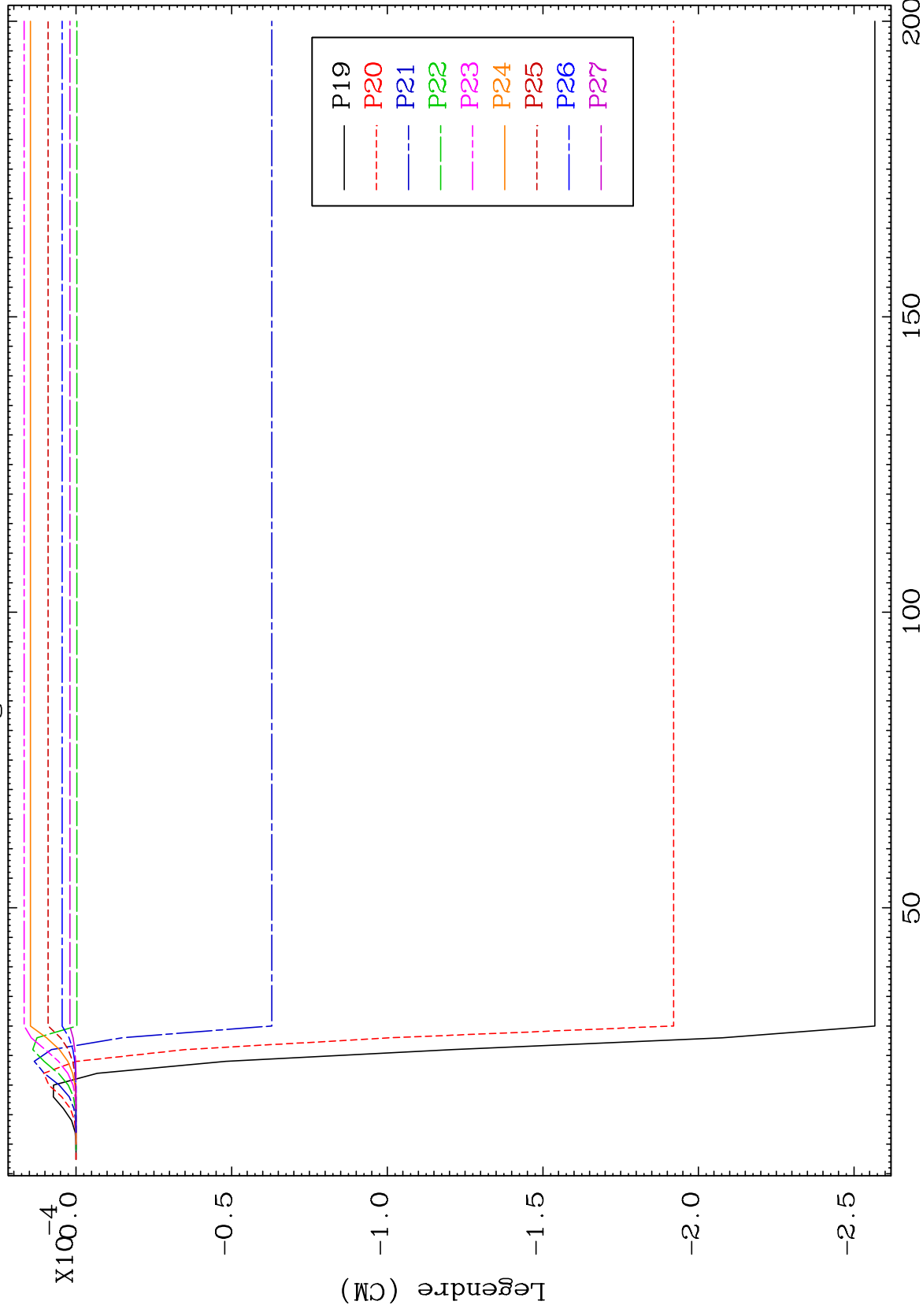


MAT 6143

MT= 55 (n, n') Level

61-Pm-145

## Legendre Coefficients



38

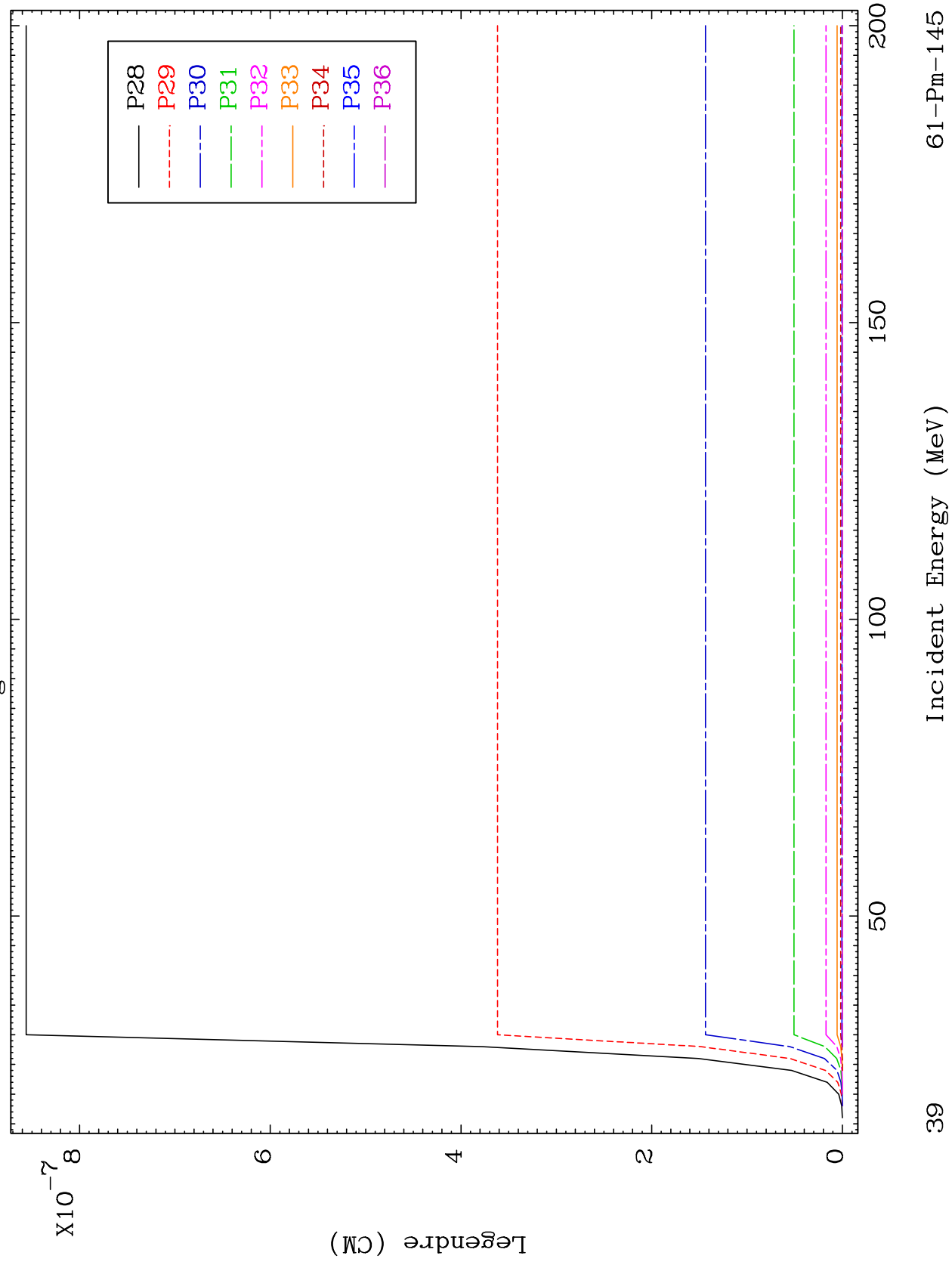
Incident Energy (MeV)

61-Pm-145

MAT 6143

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

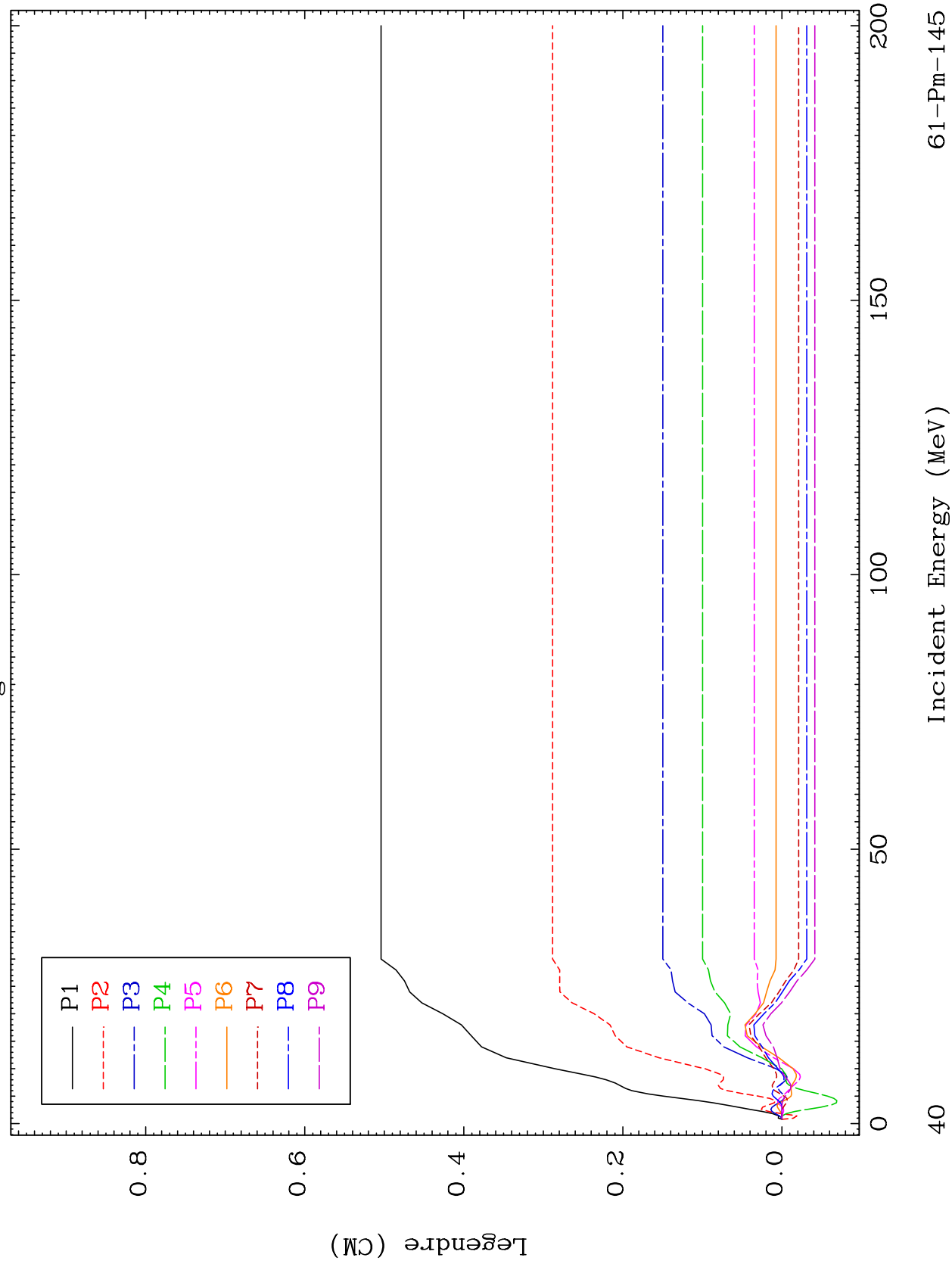
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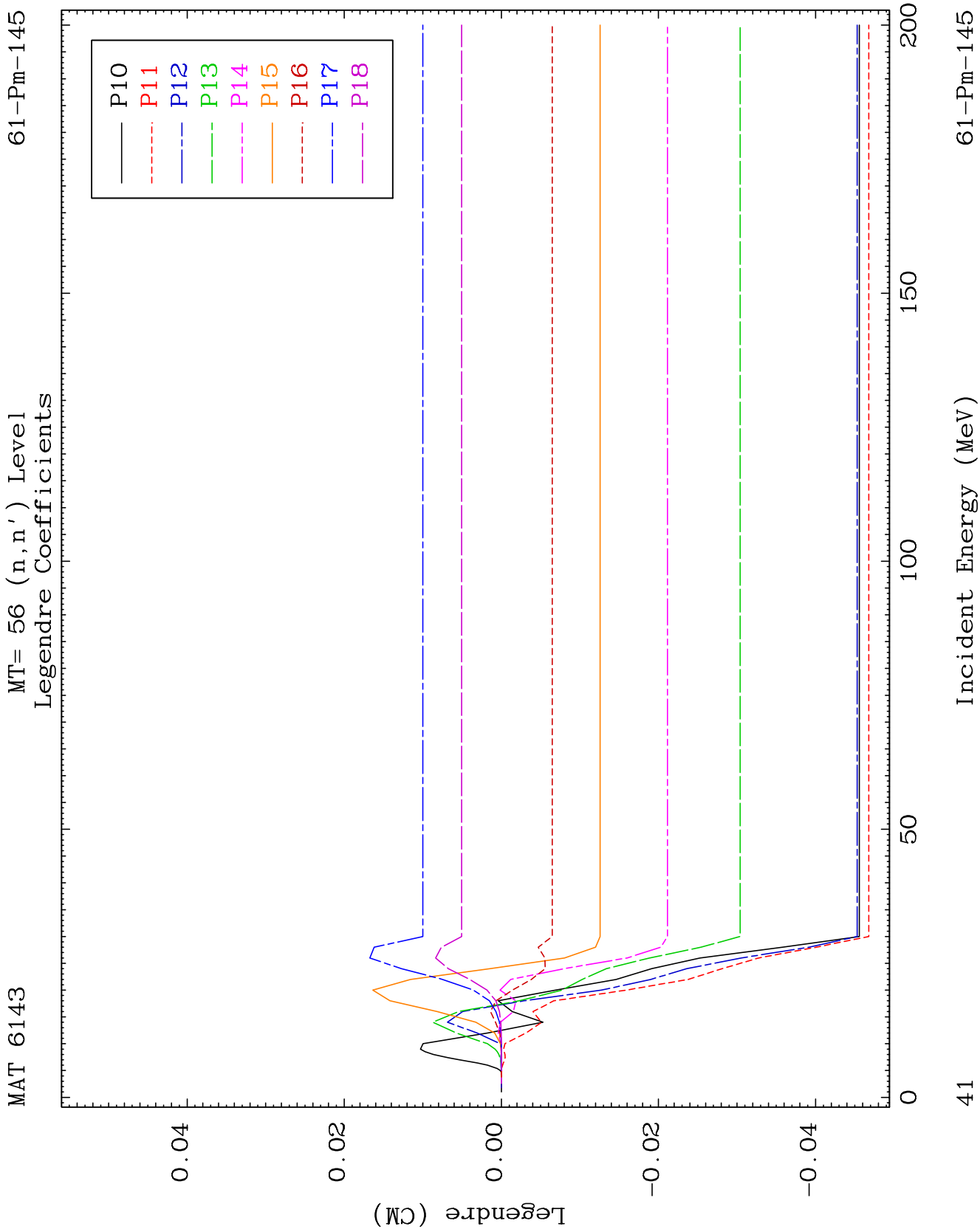


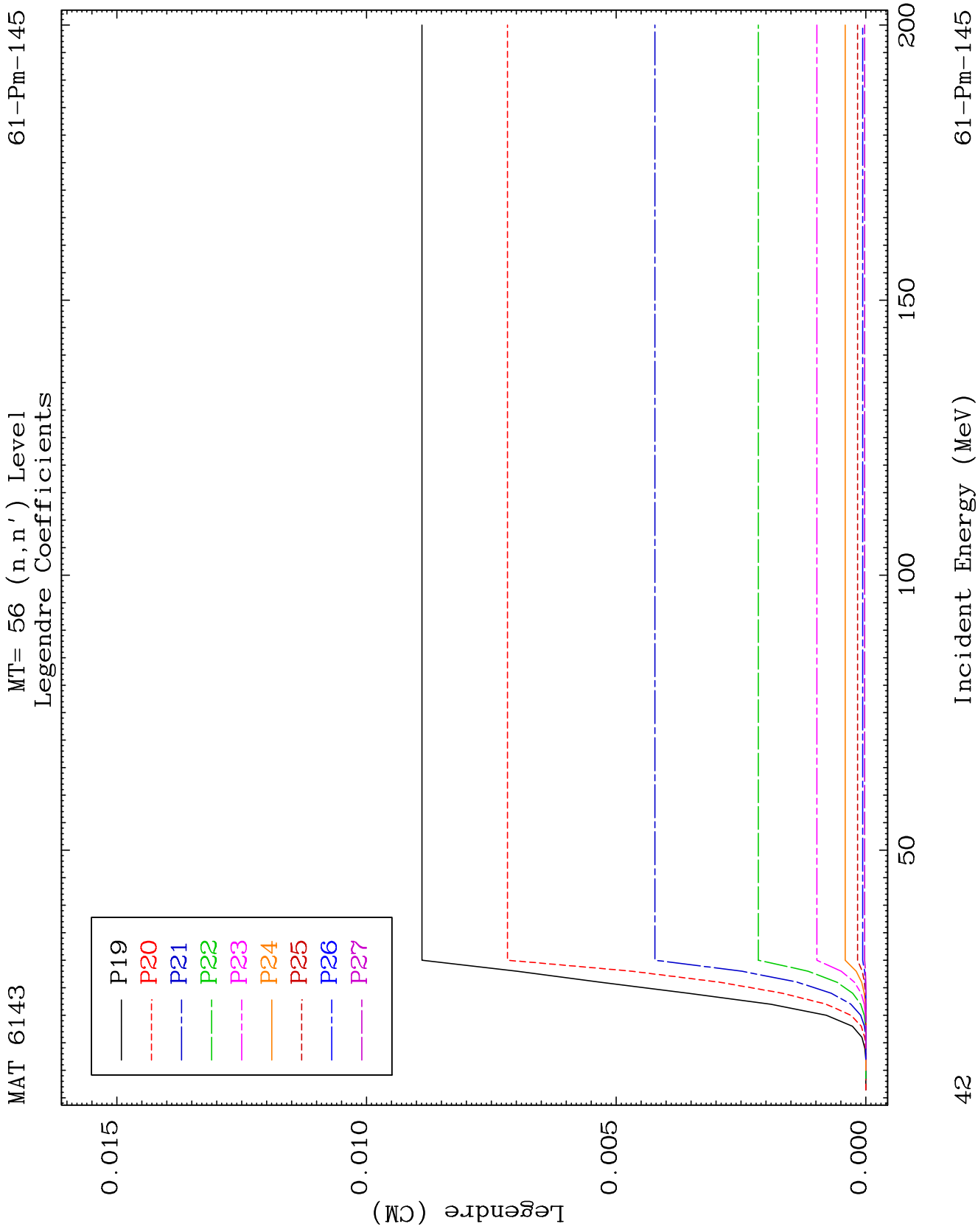
MAT 6143

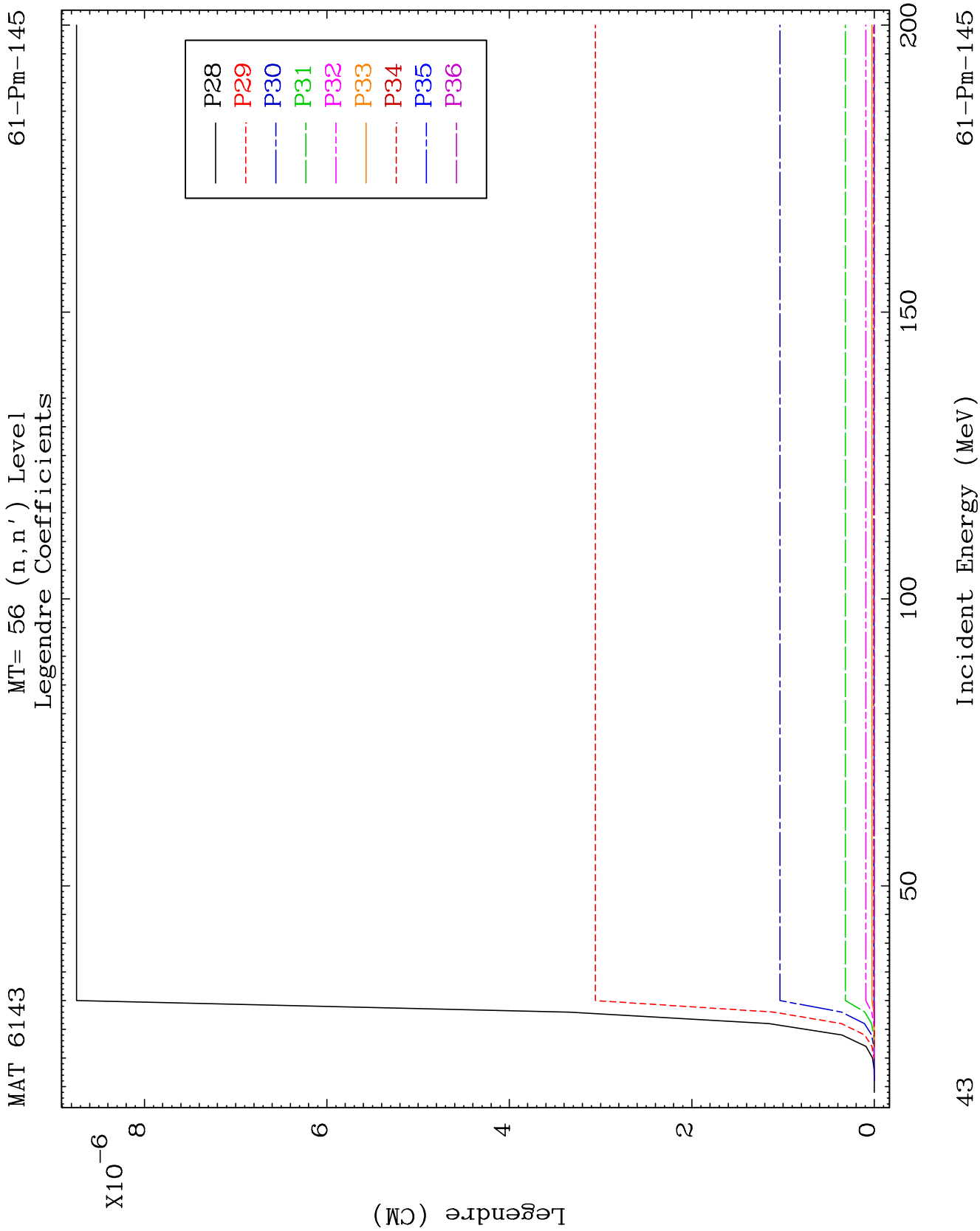
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Legendre Coefficients

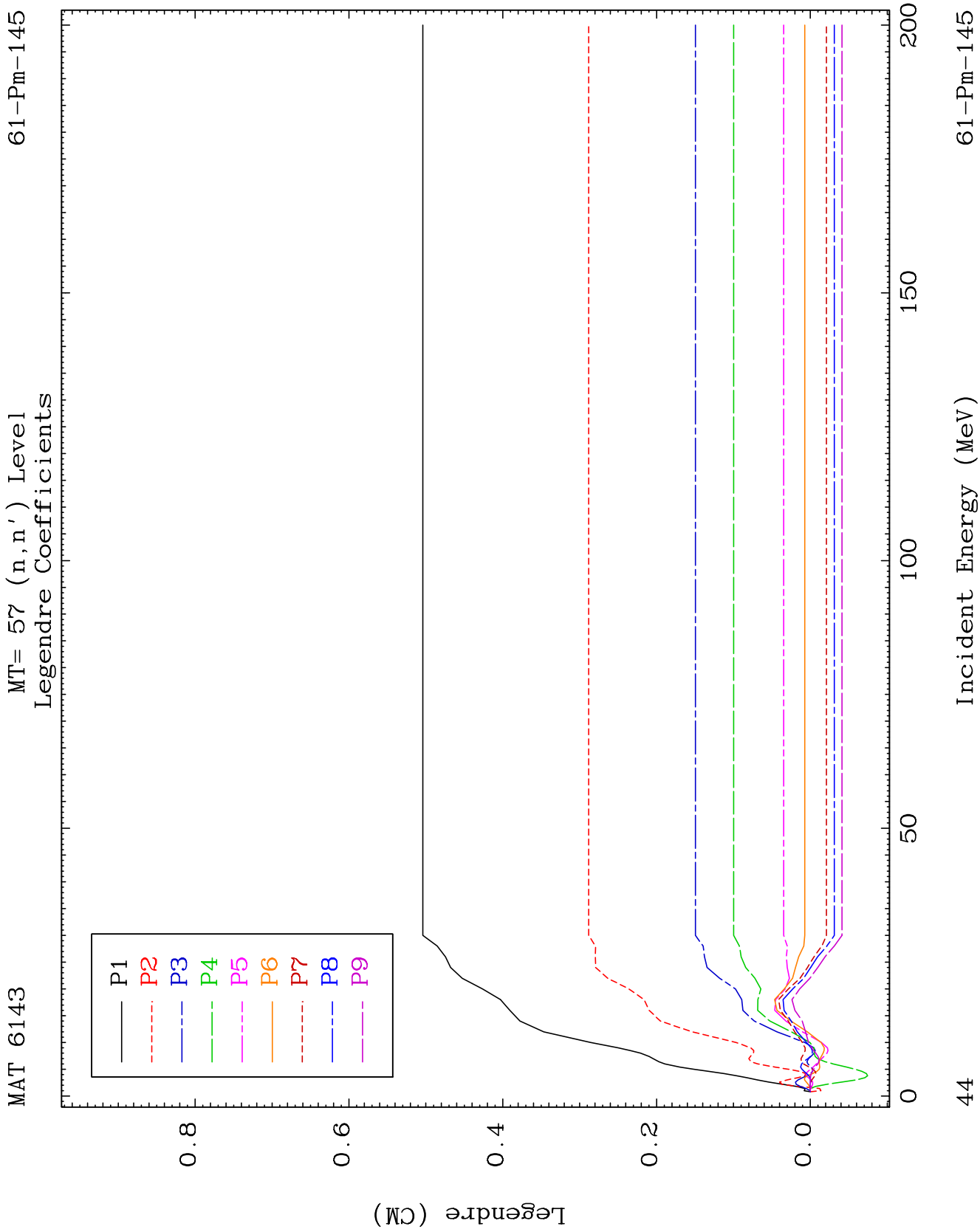
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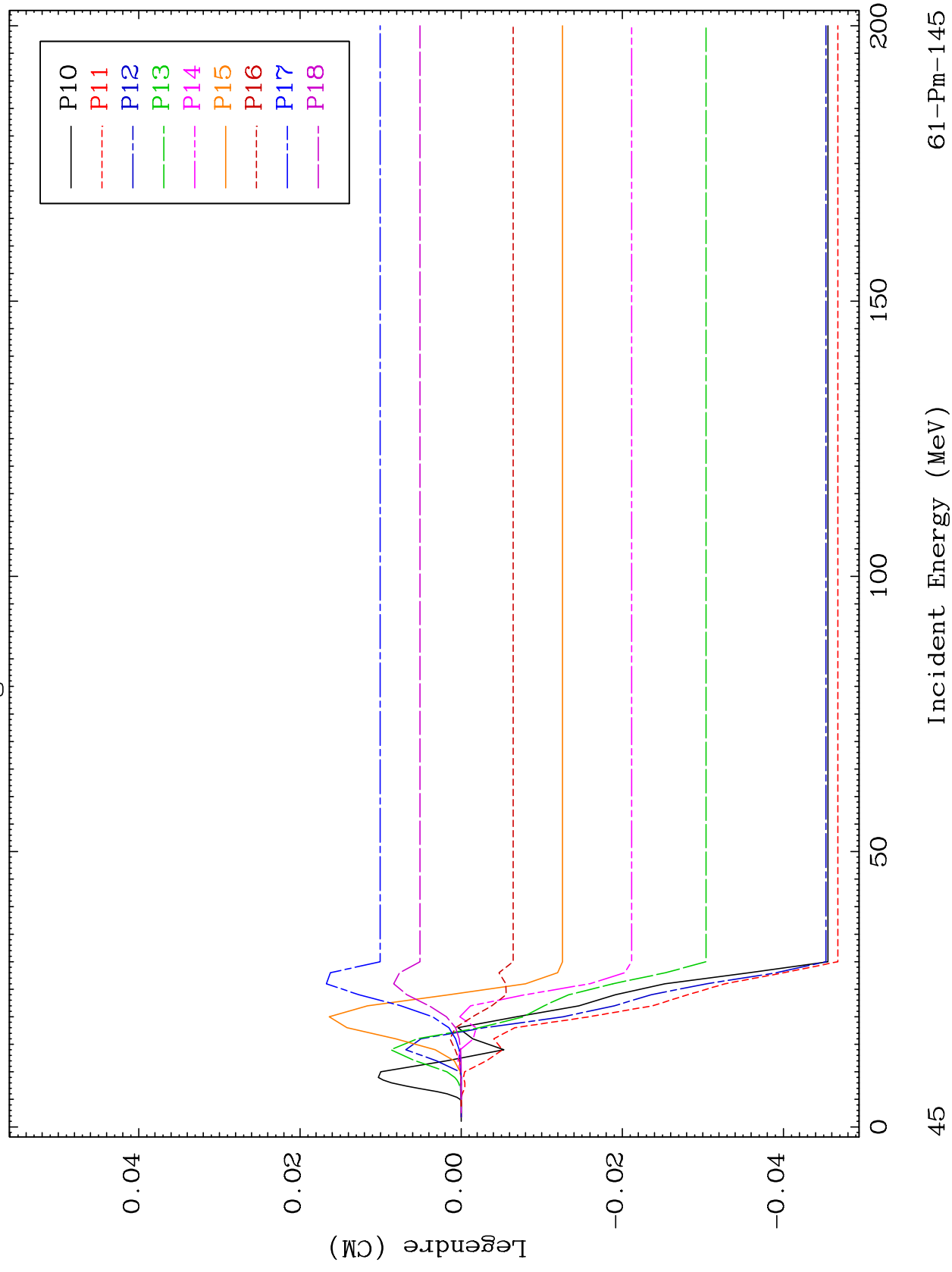




MAT 6143

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

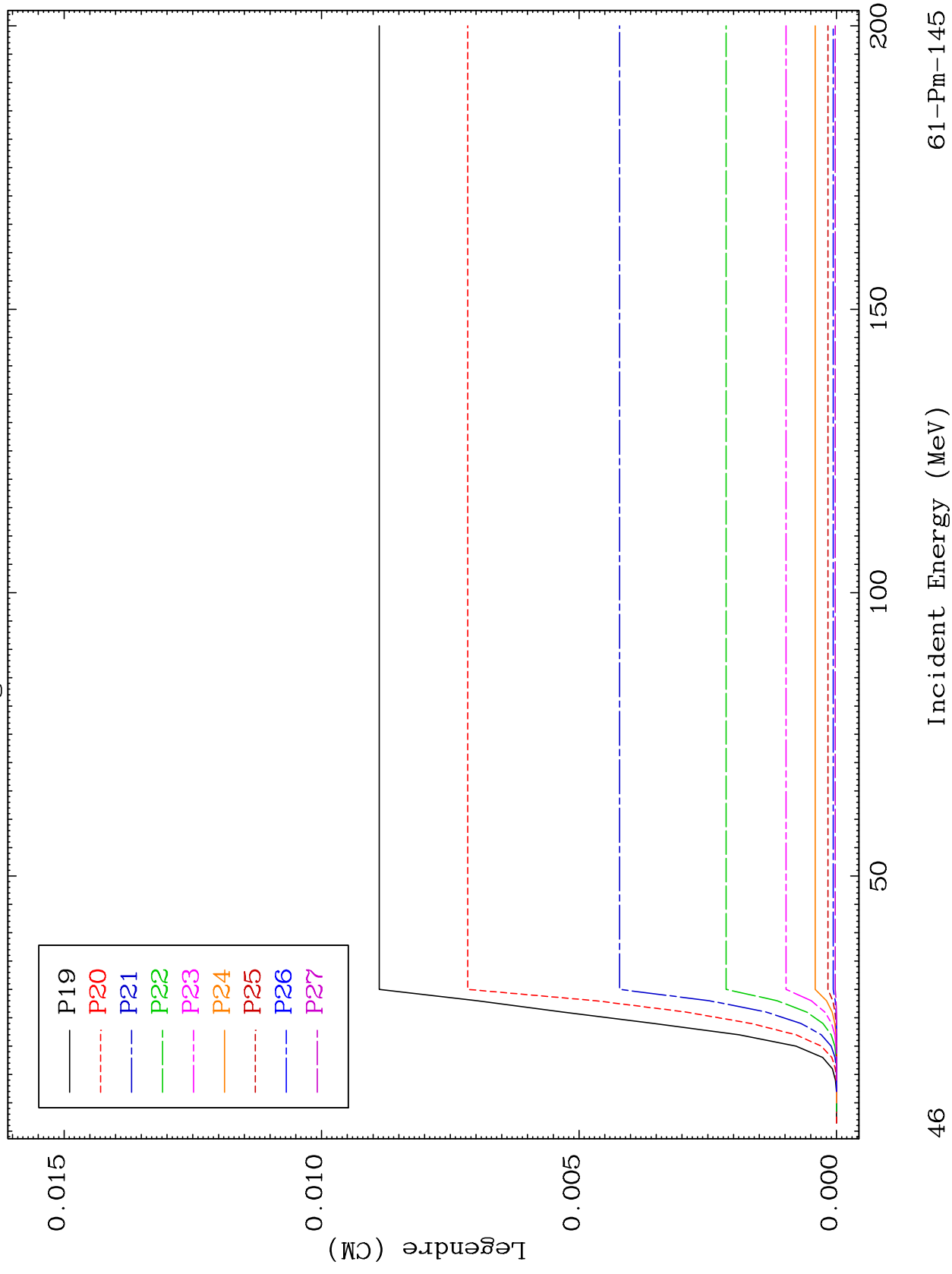
61-Pm-145



MAT 6143

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

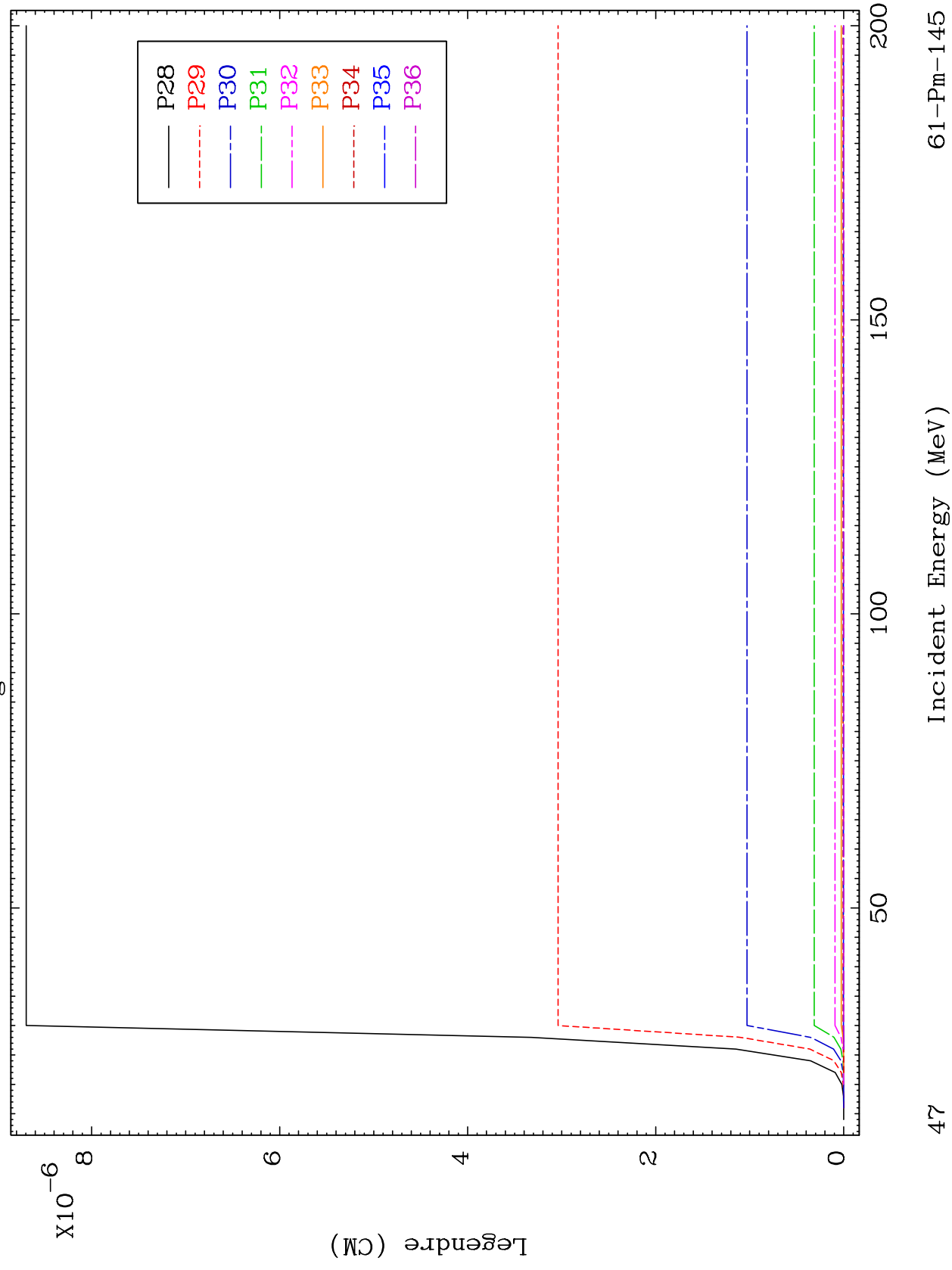
61-Pm-145



MAT 6143

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

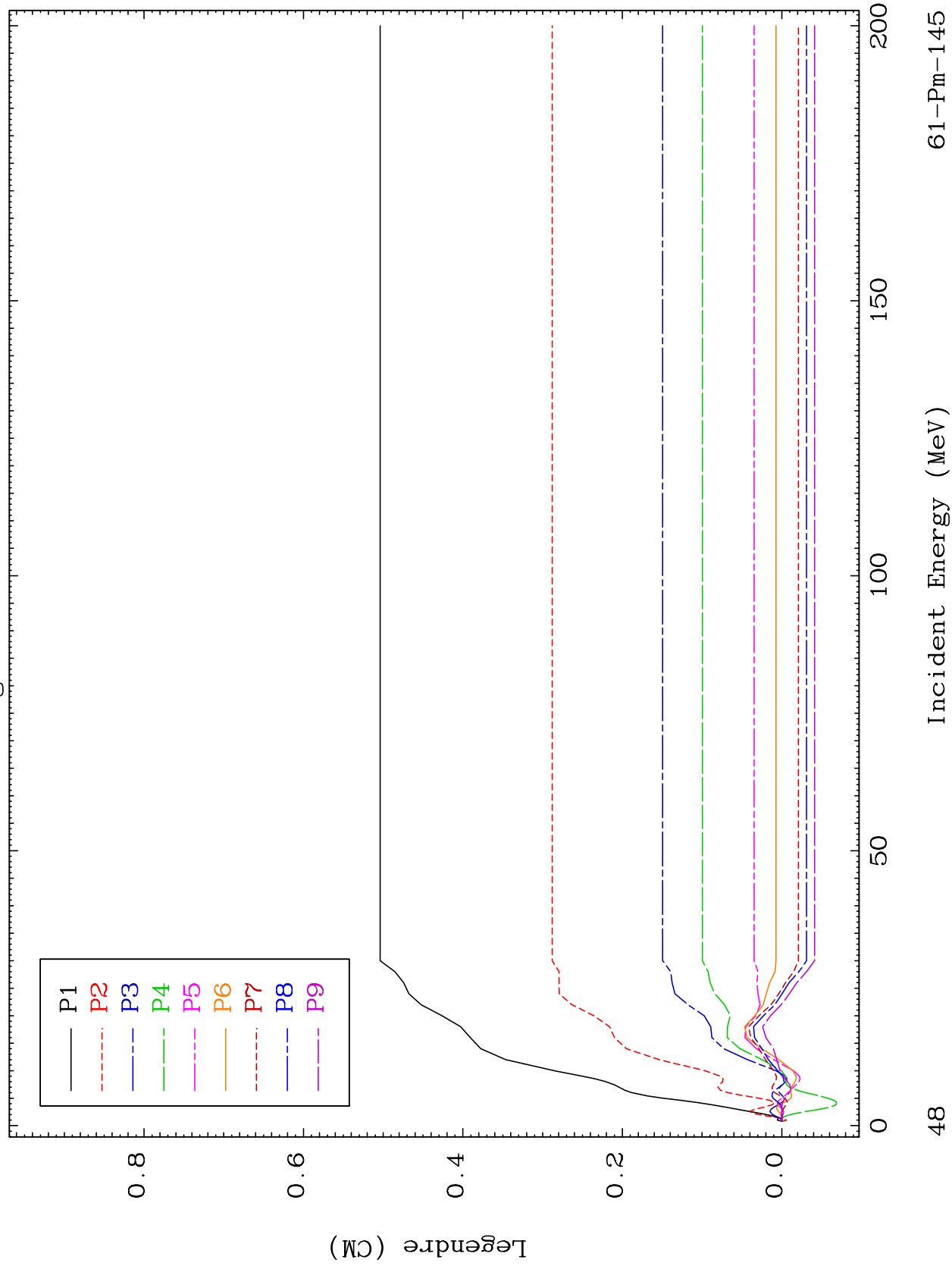
61-Pm-145



MAT 6143

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

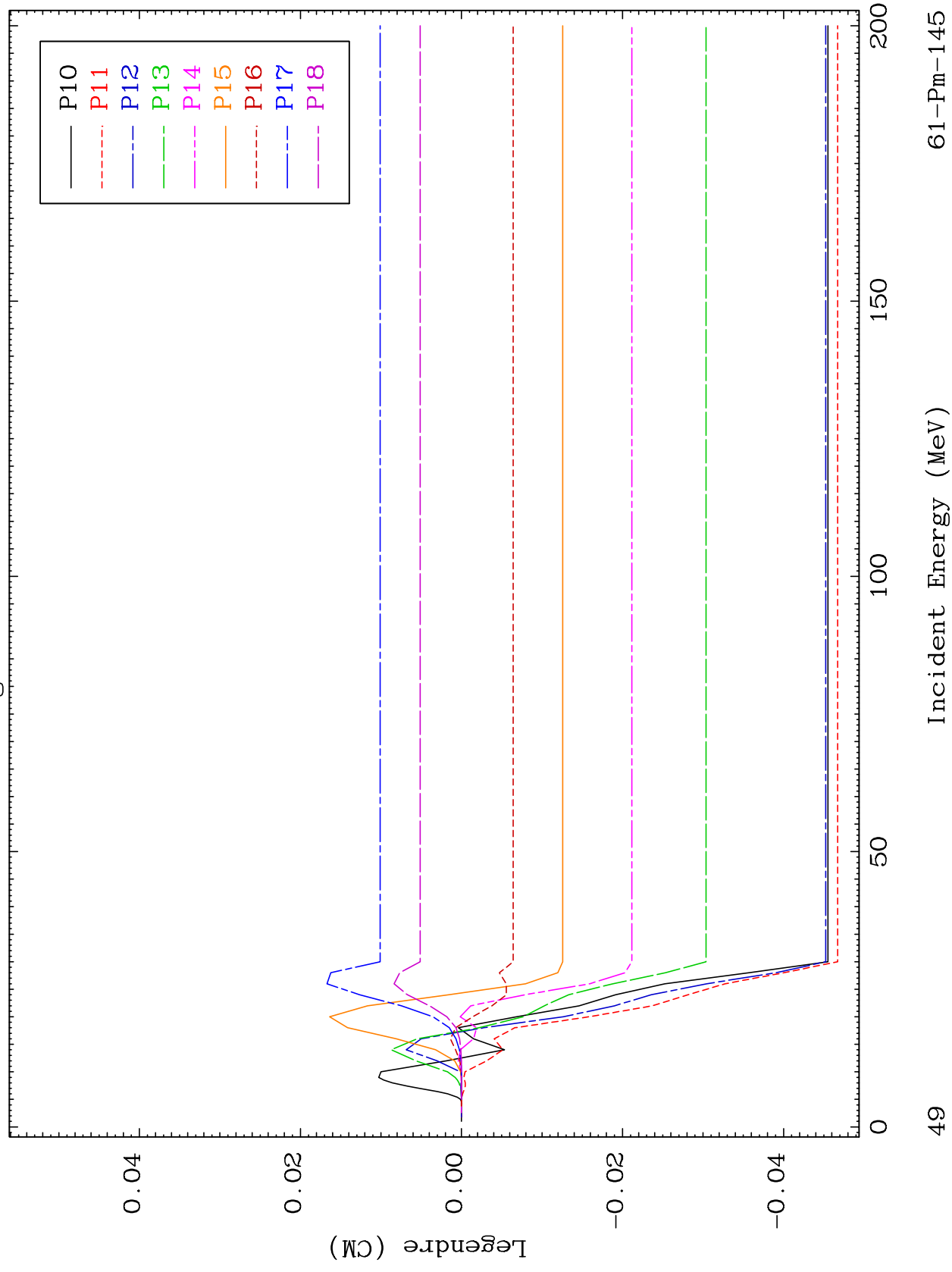
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MAT 6143

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

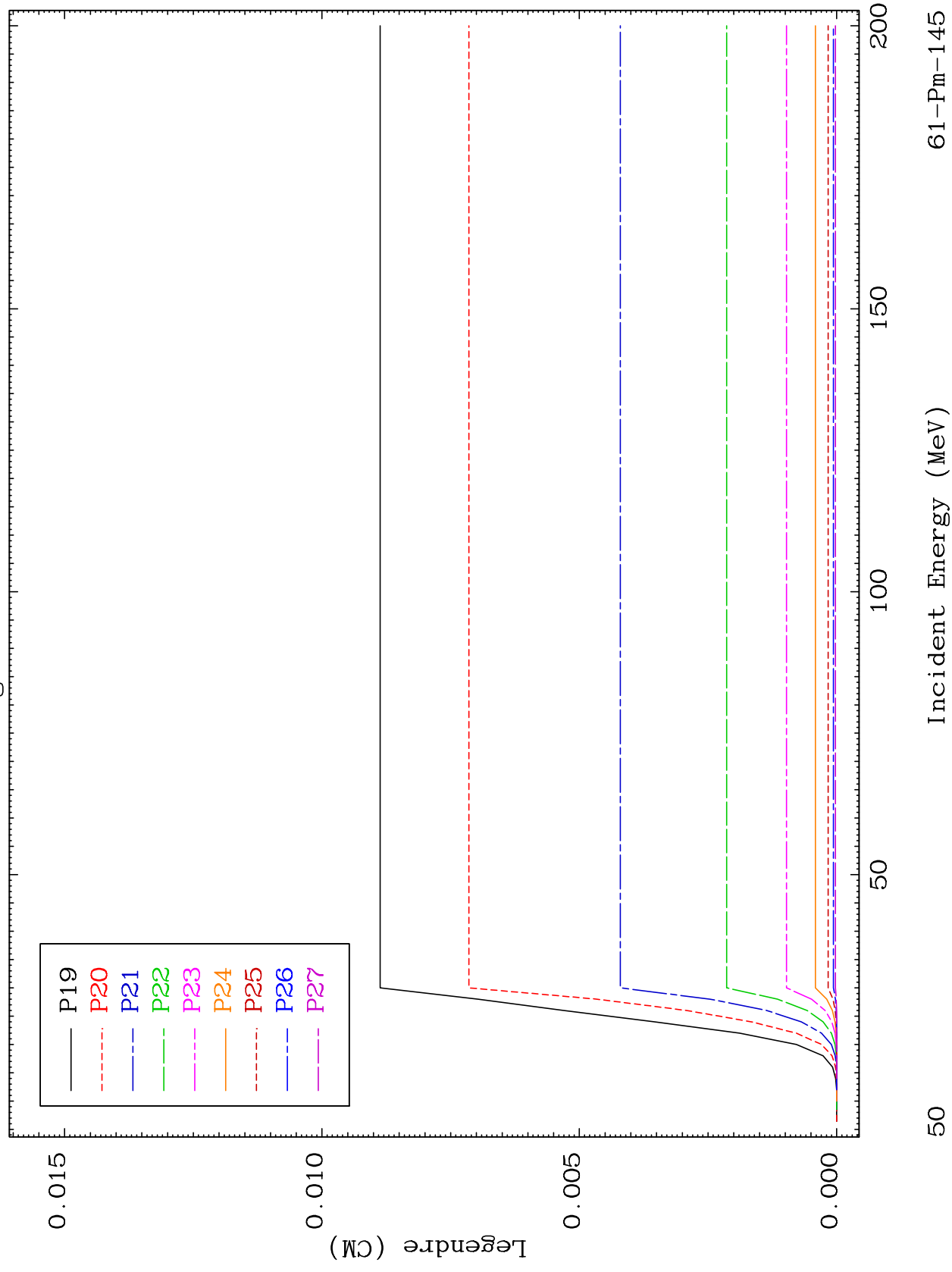
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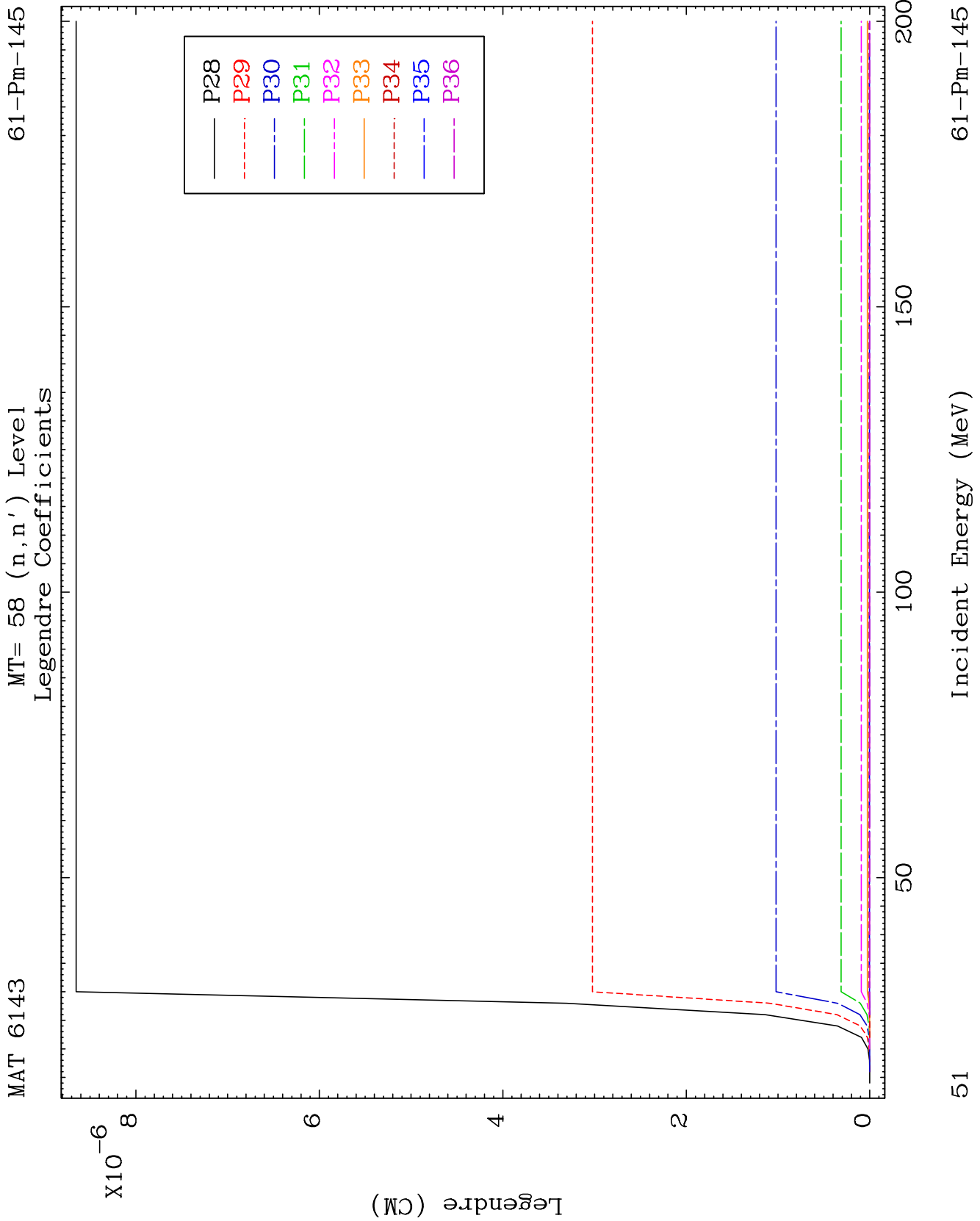


MAT 6143

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

61-Pm-145

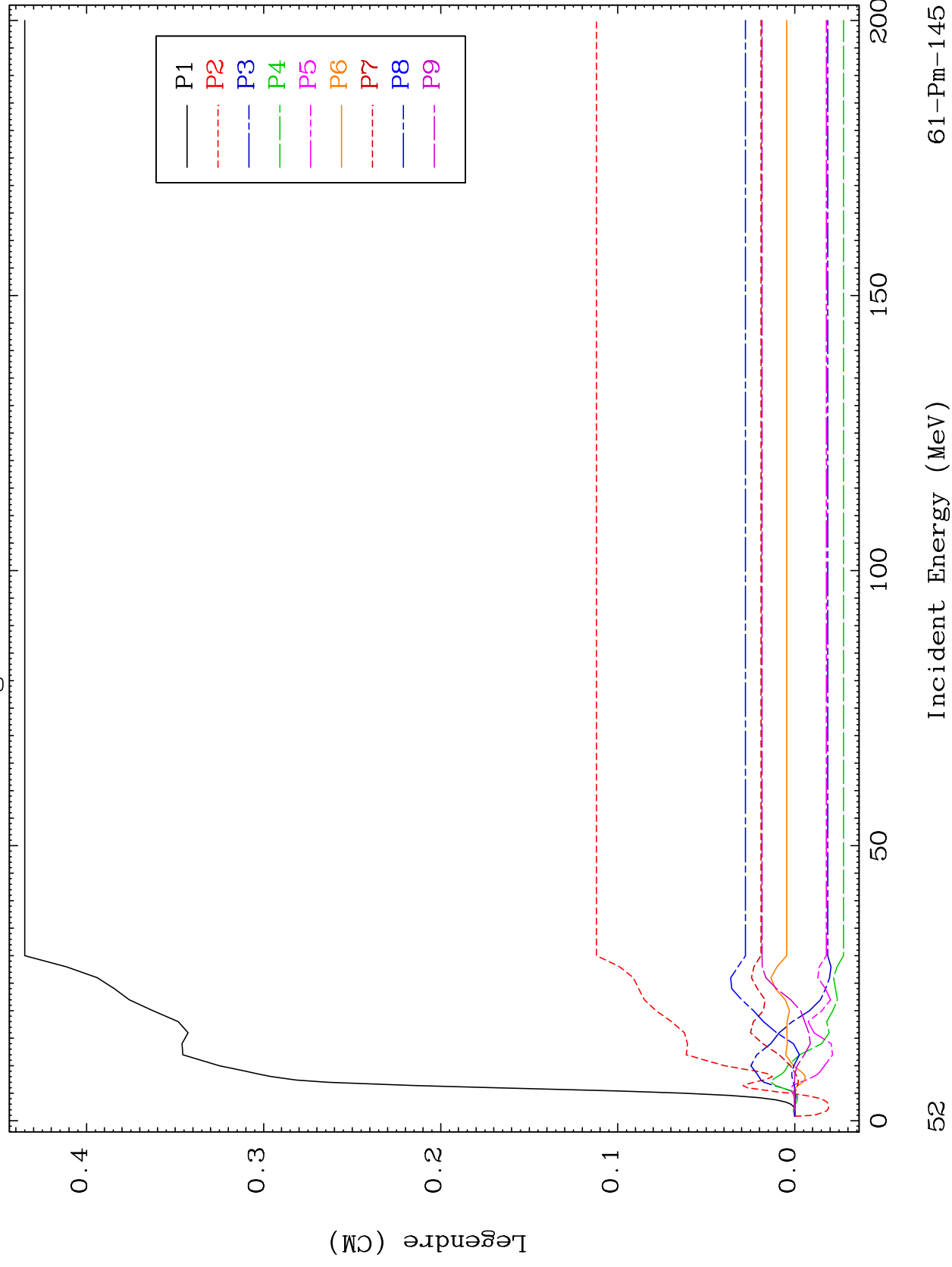




MAT 6143

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Legendre Coefficients

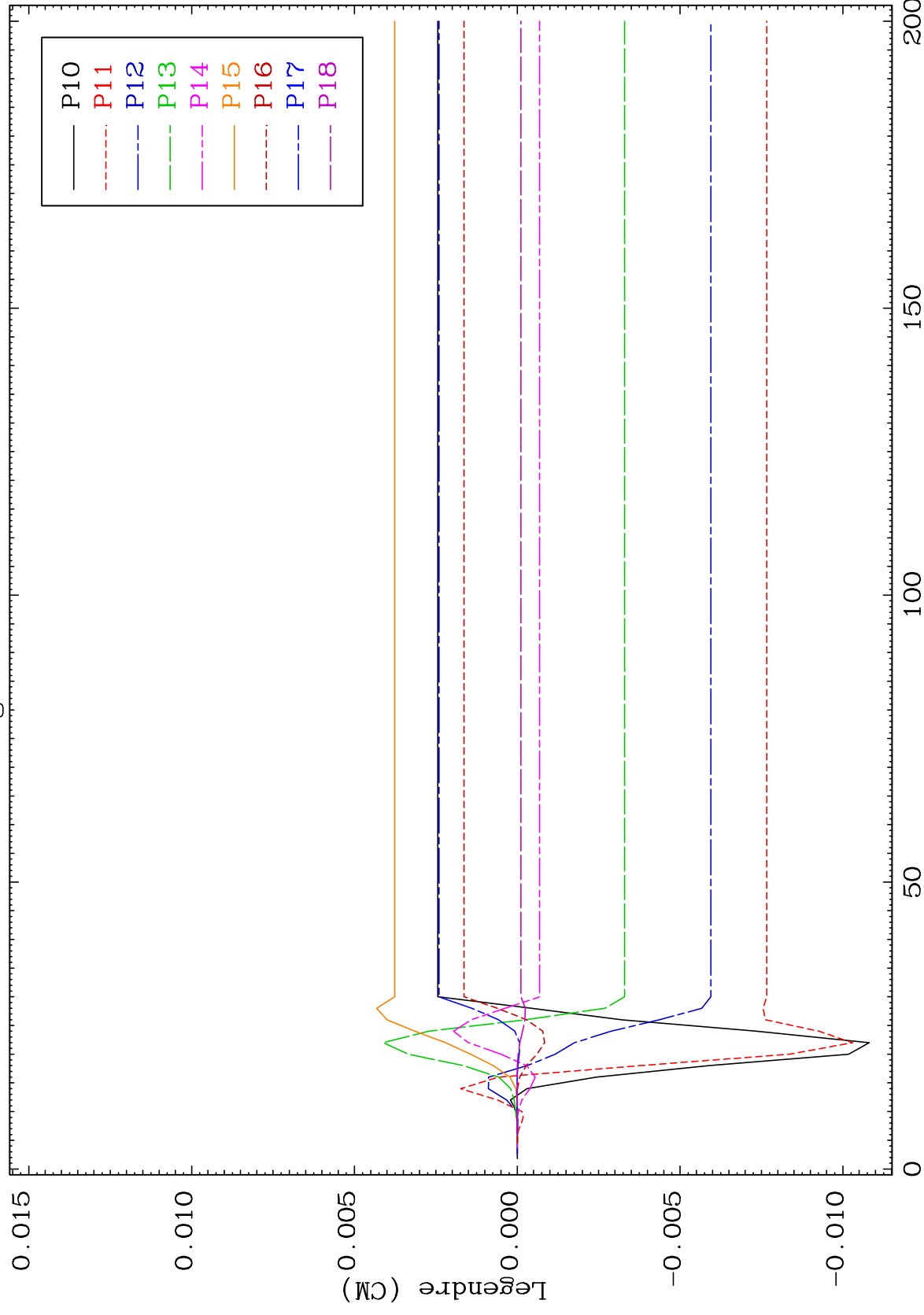
61-Pm-145



MAT 6143

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

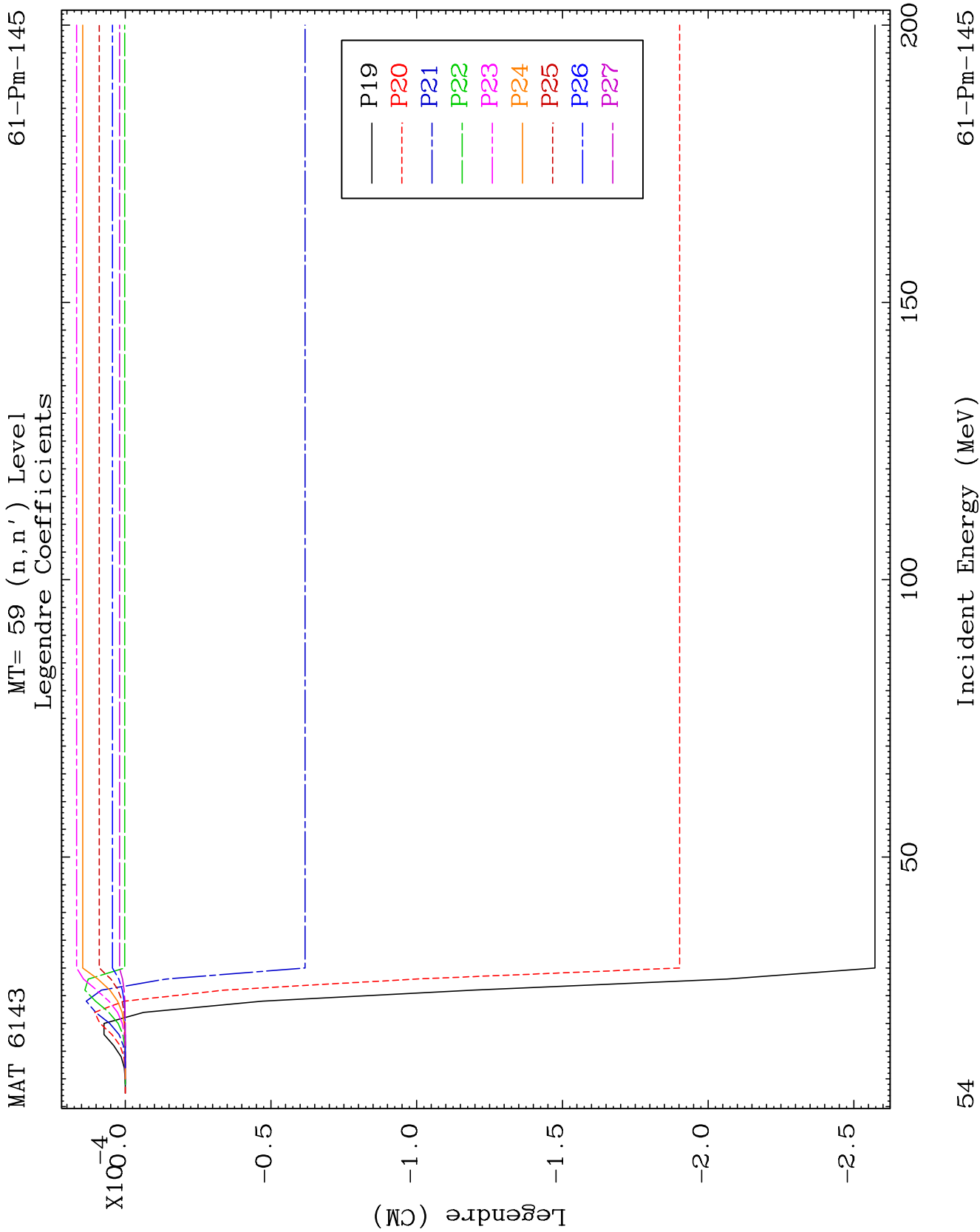
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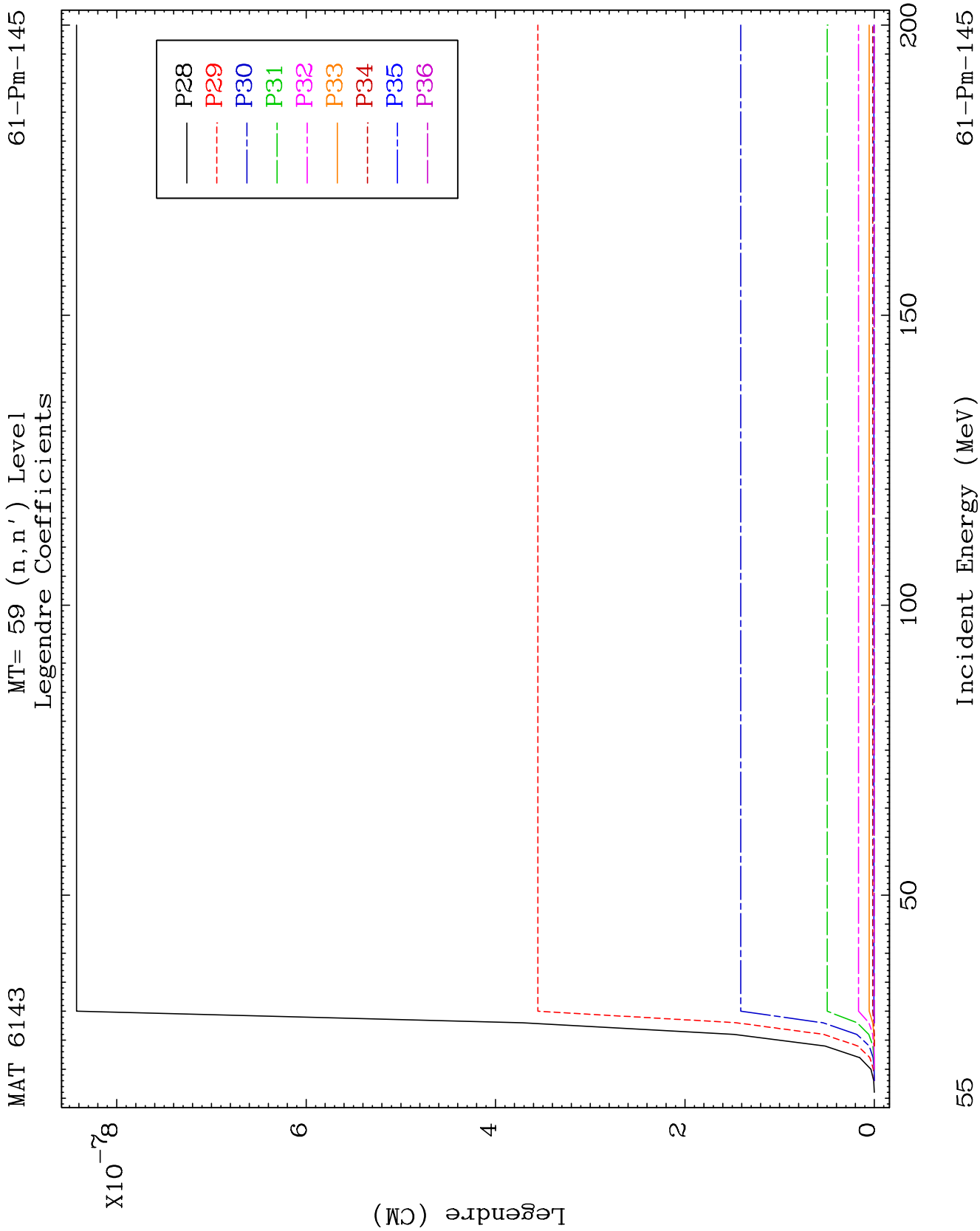


53

Incident Energy (MeV)

61-Pm-145

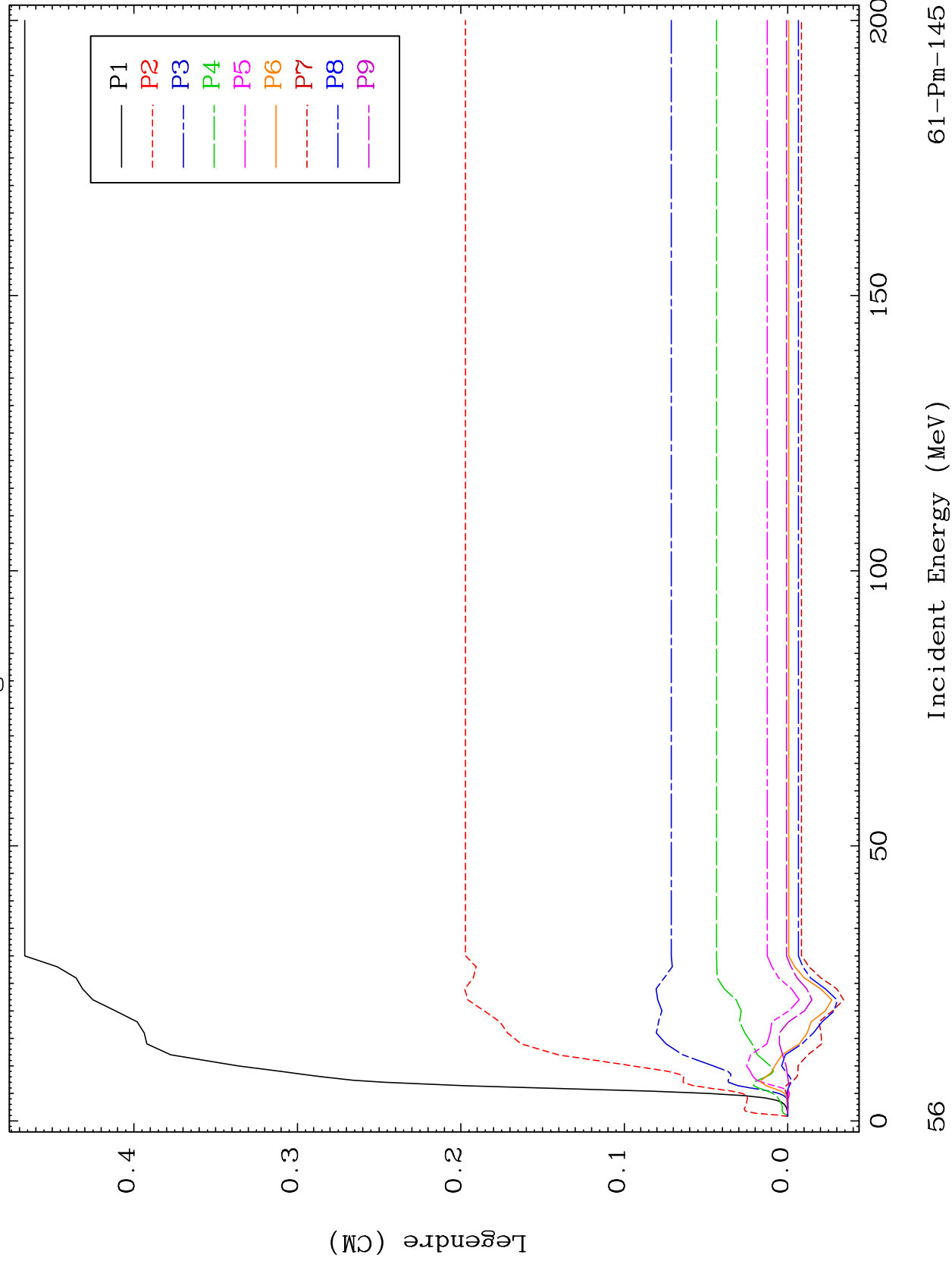




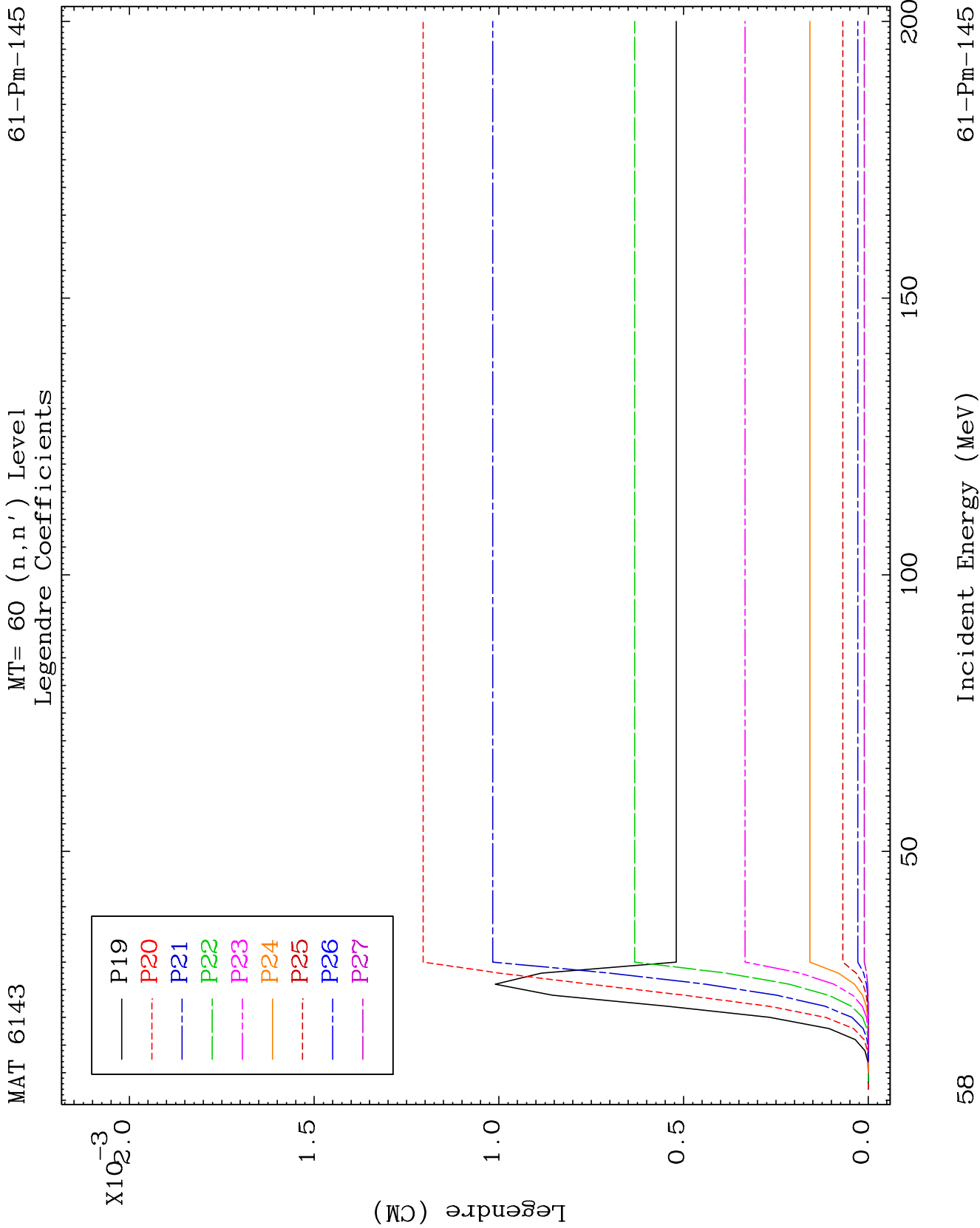
MAT 6143

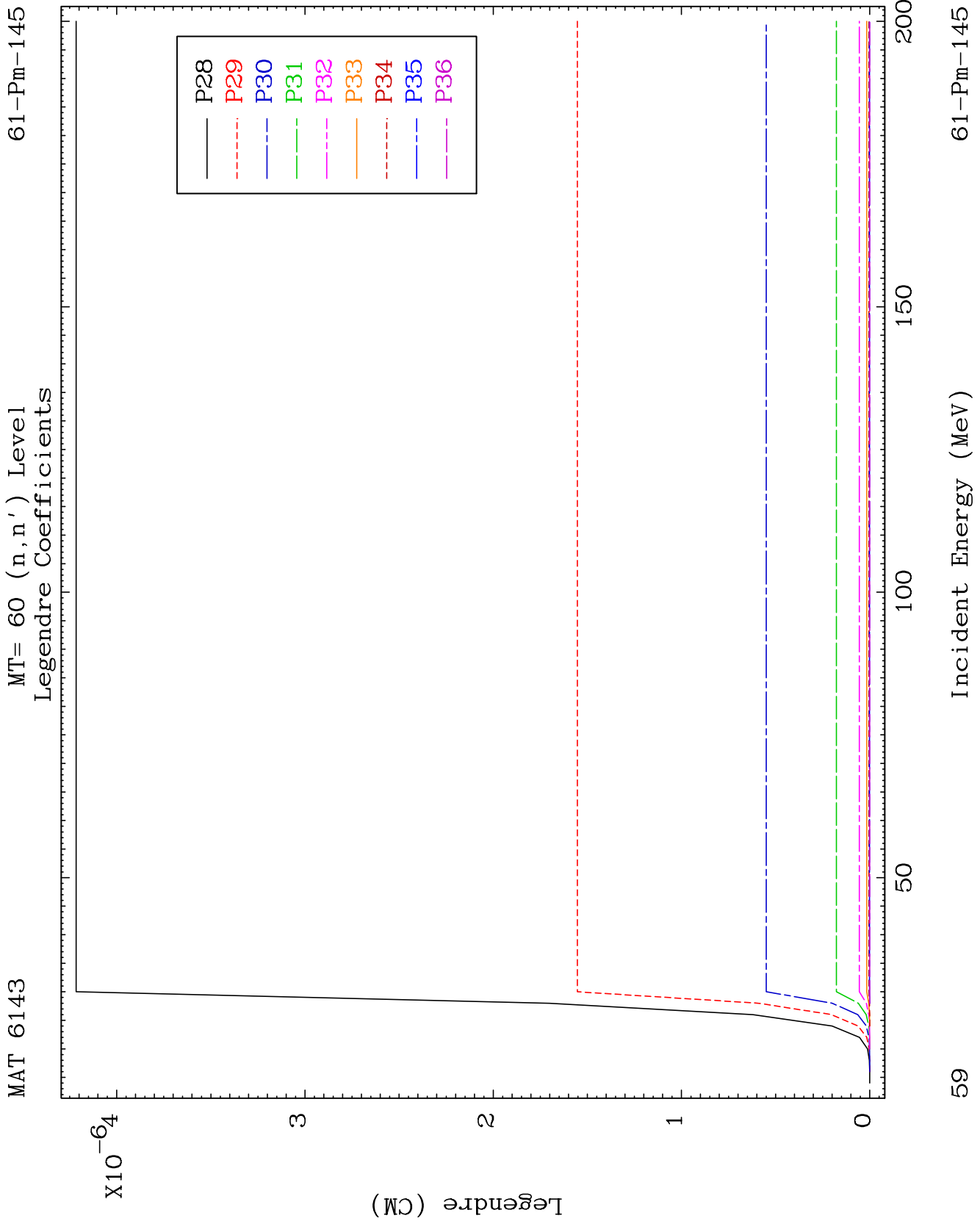
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Legendre Coefficients

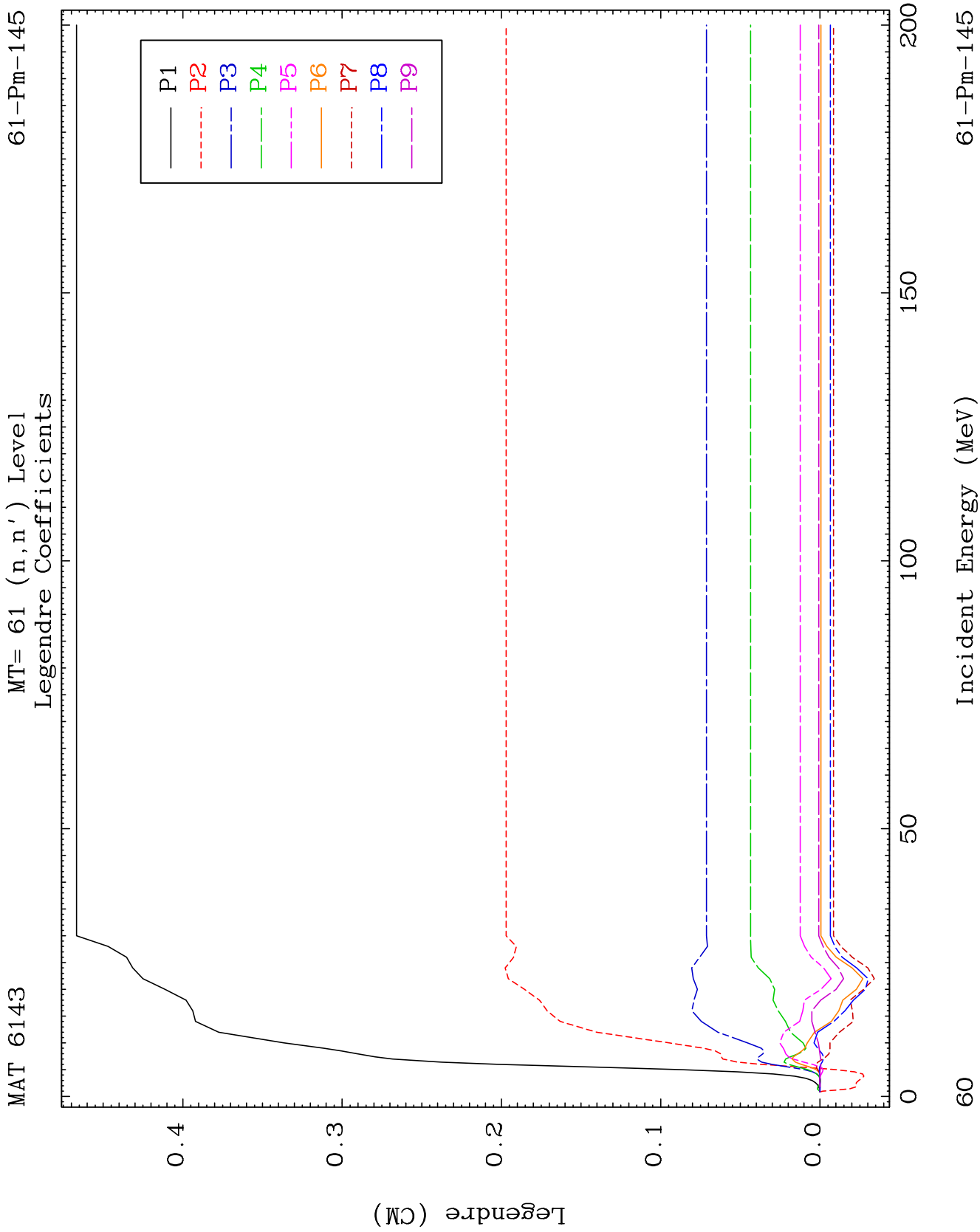
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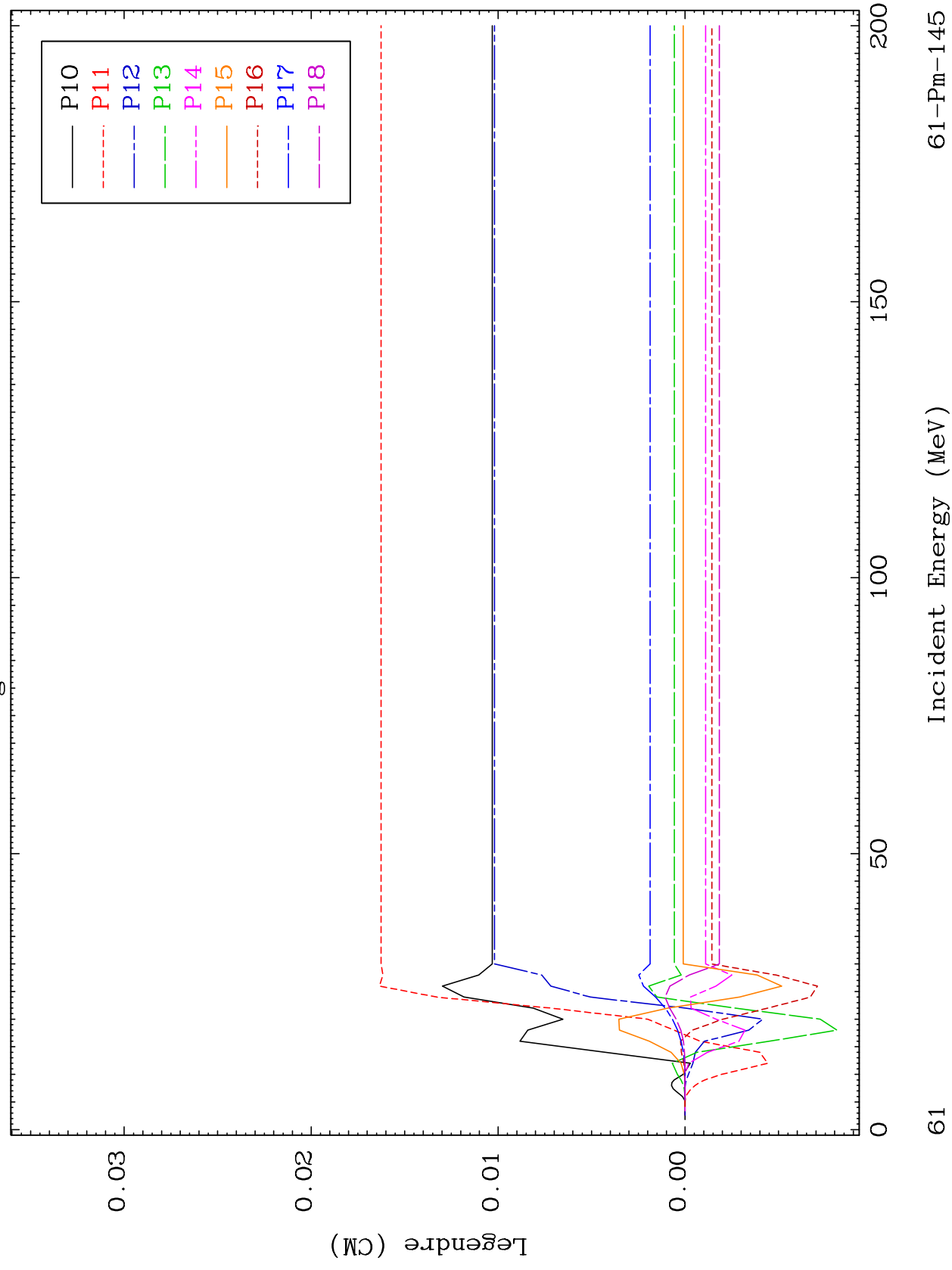


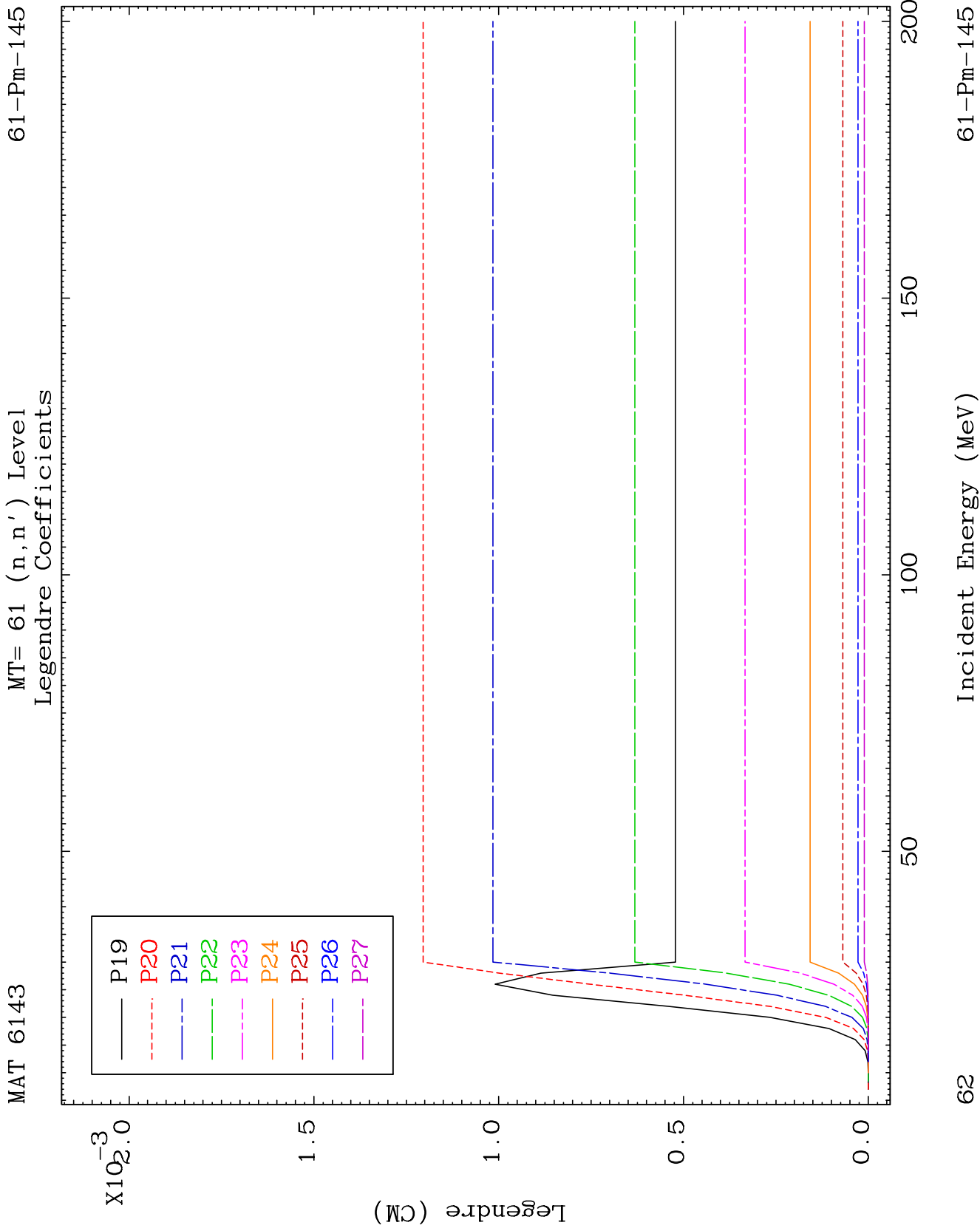


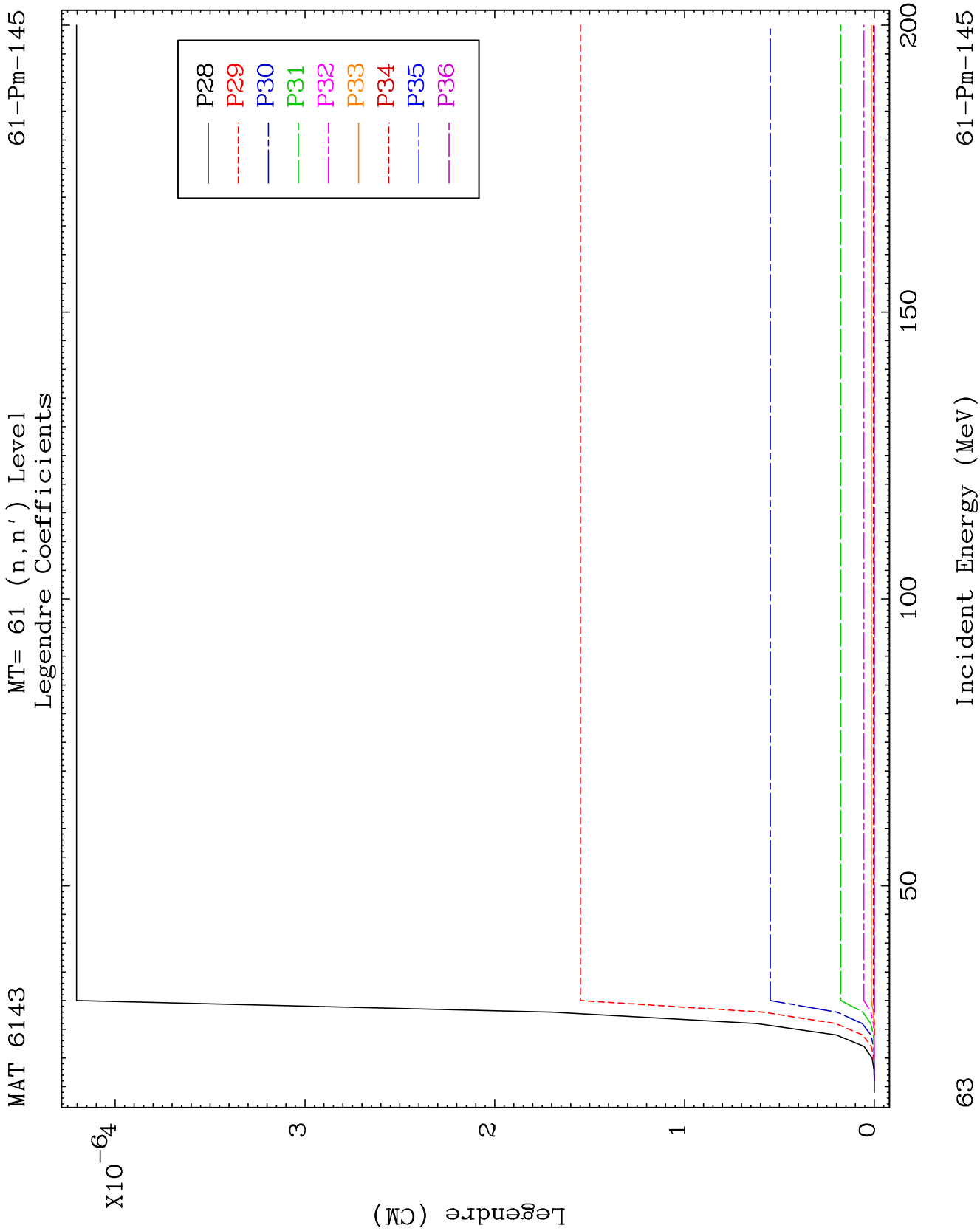
MAT 6143

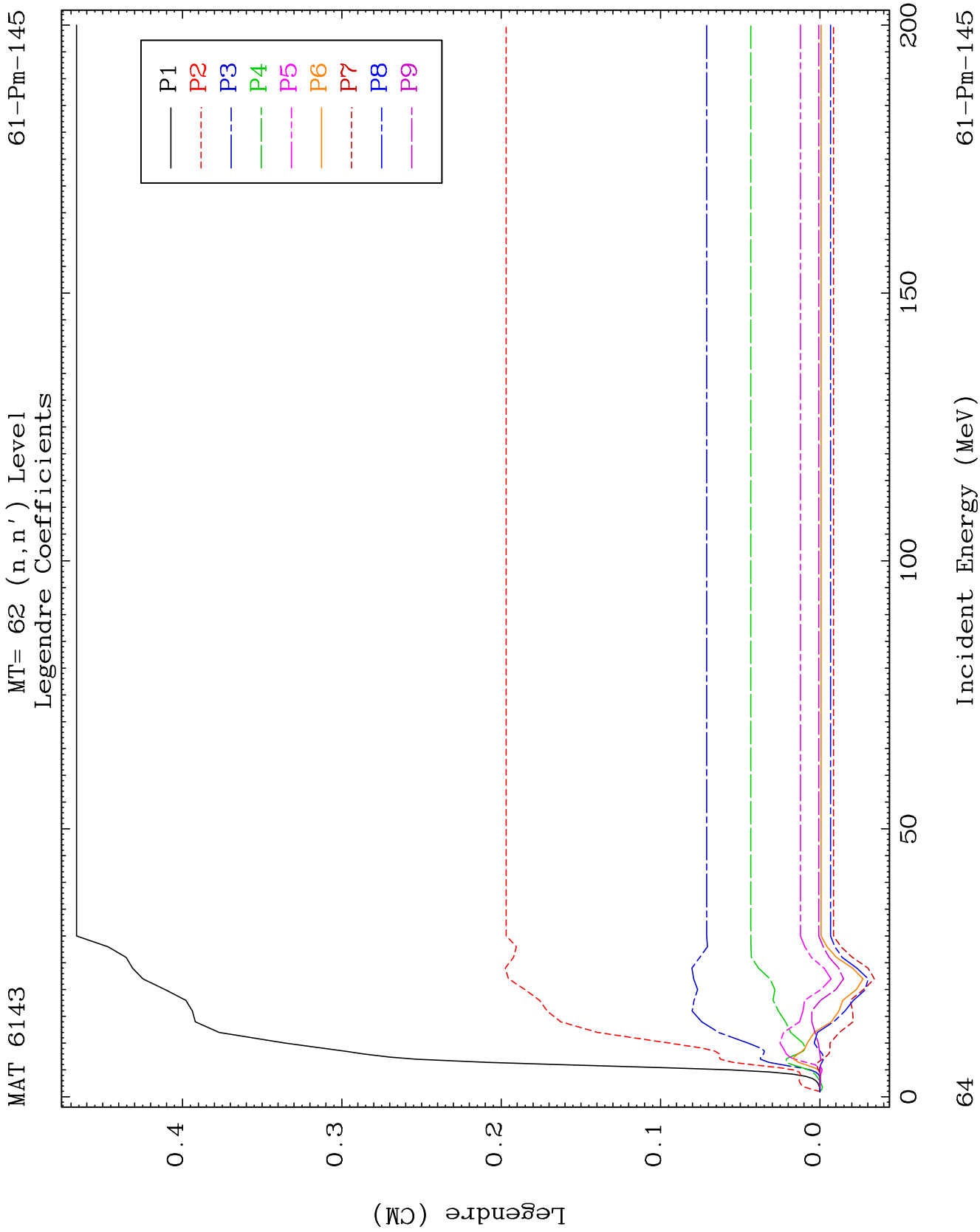
MT= 61 (n, n') Level  
Legendre Coefficients

61-Pm-145





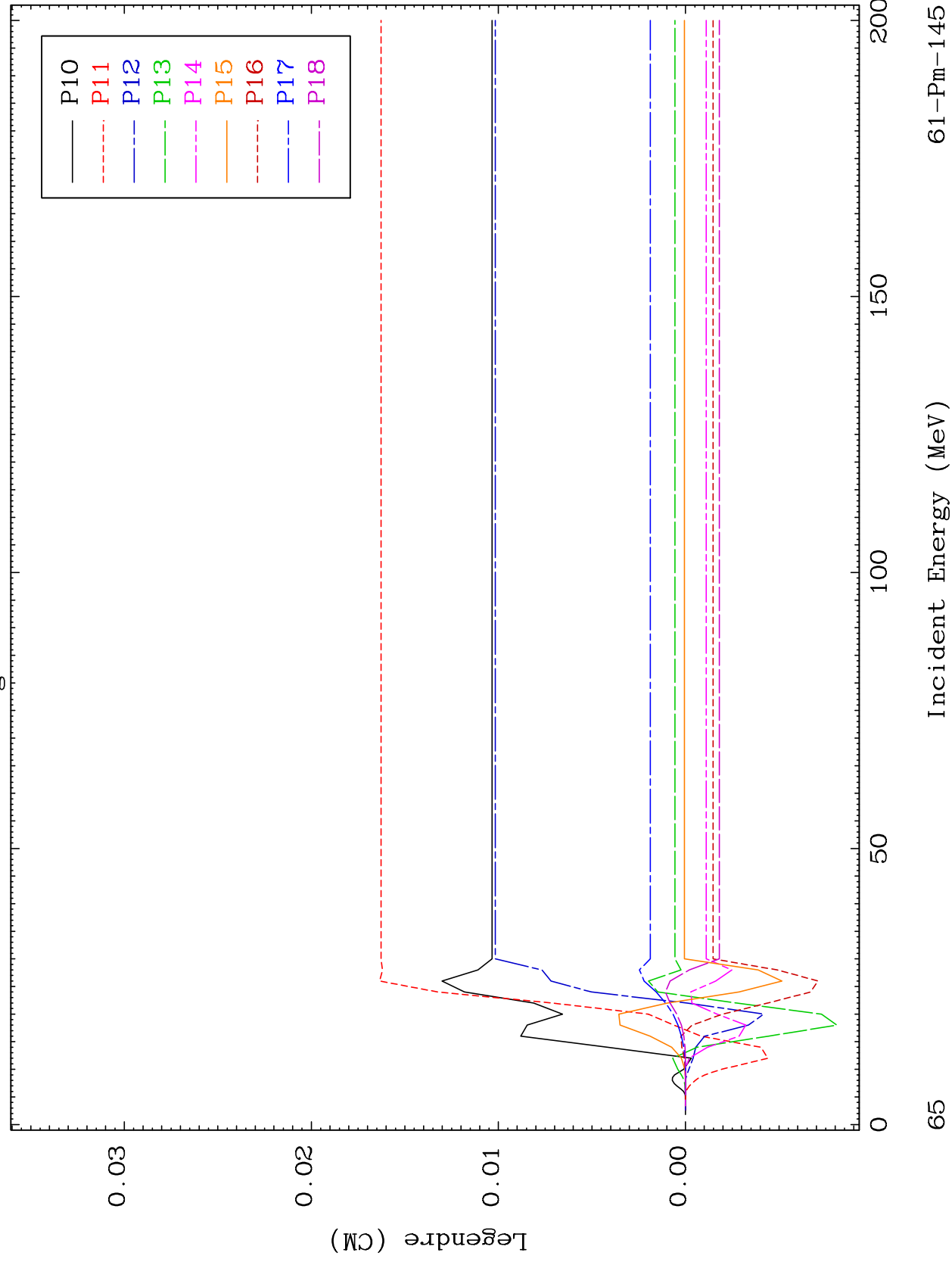


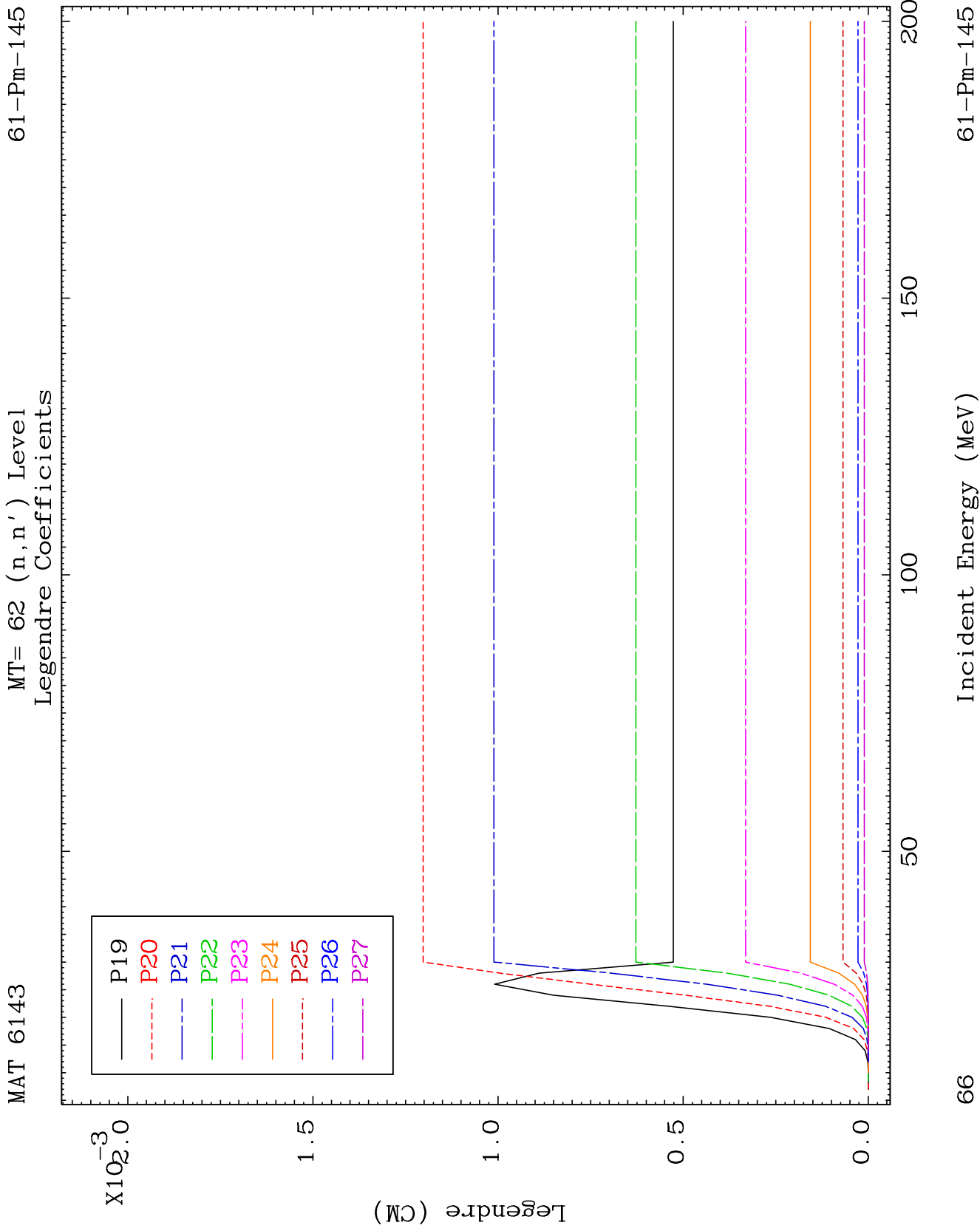


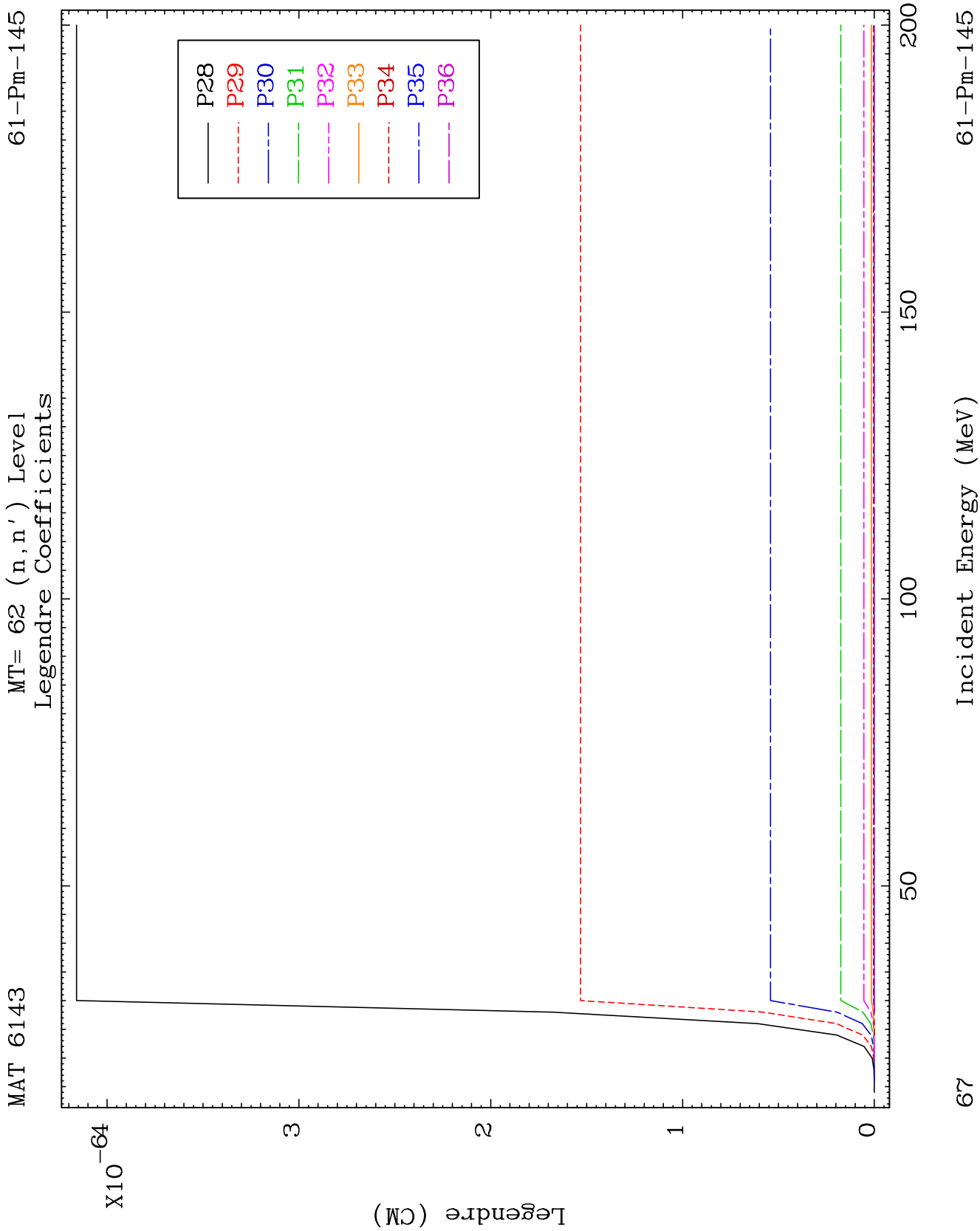
MAT 6143

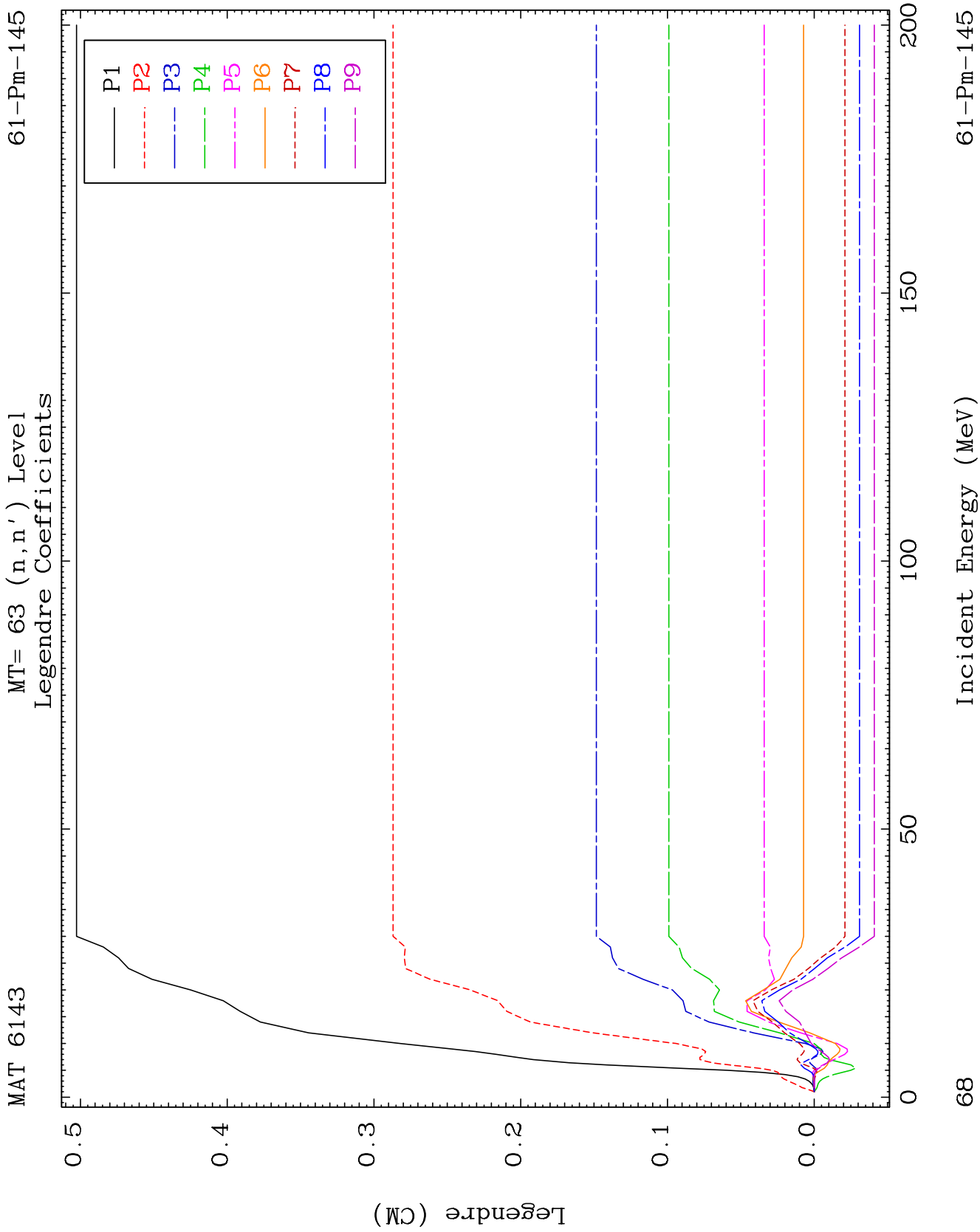
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Legendre Coefficients

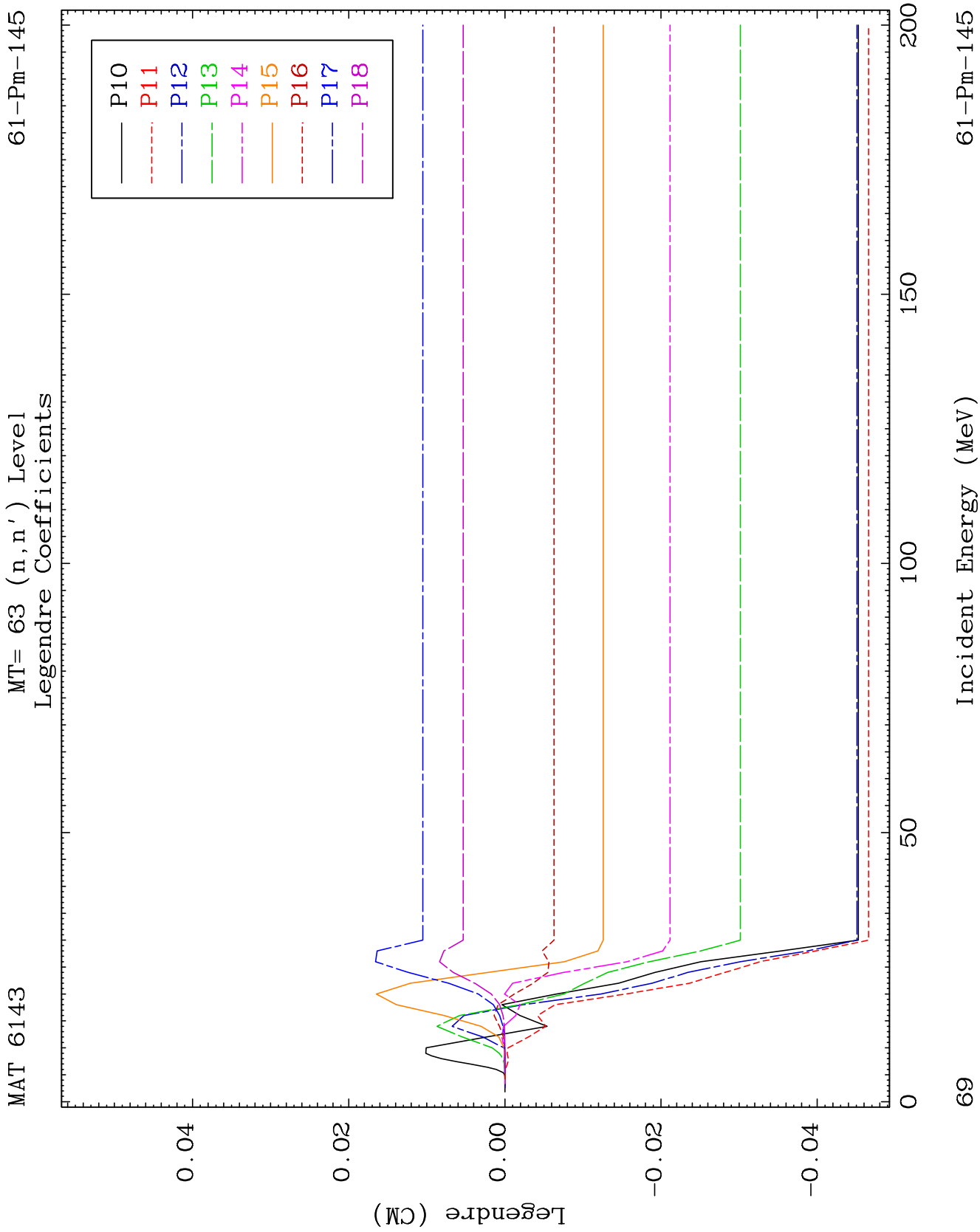
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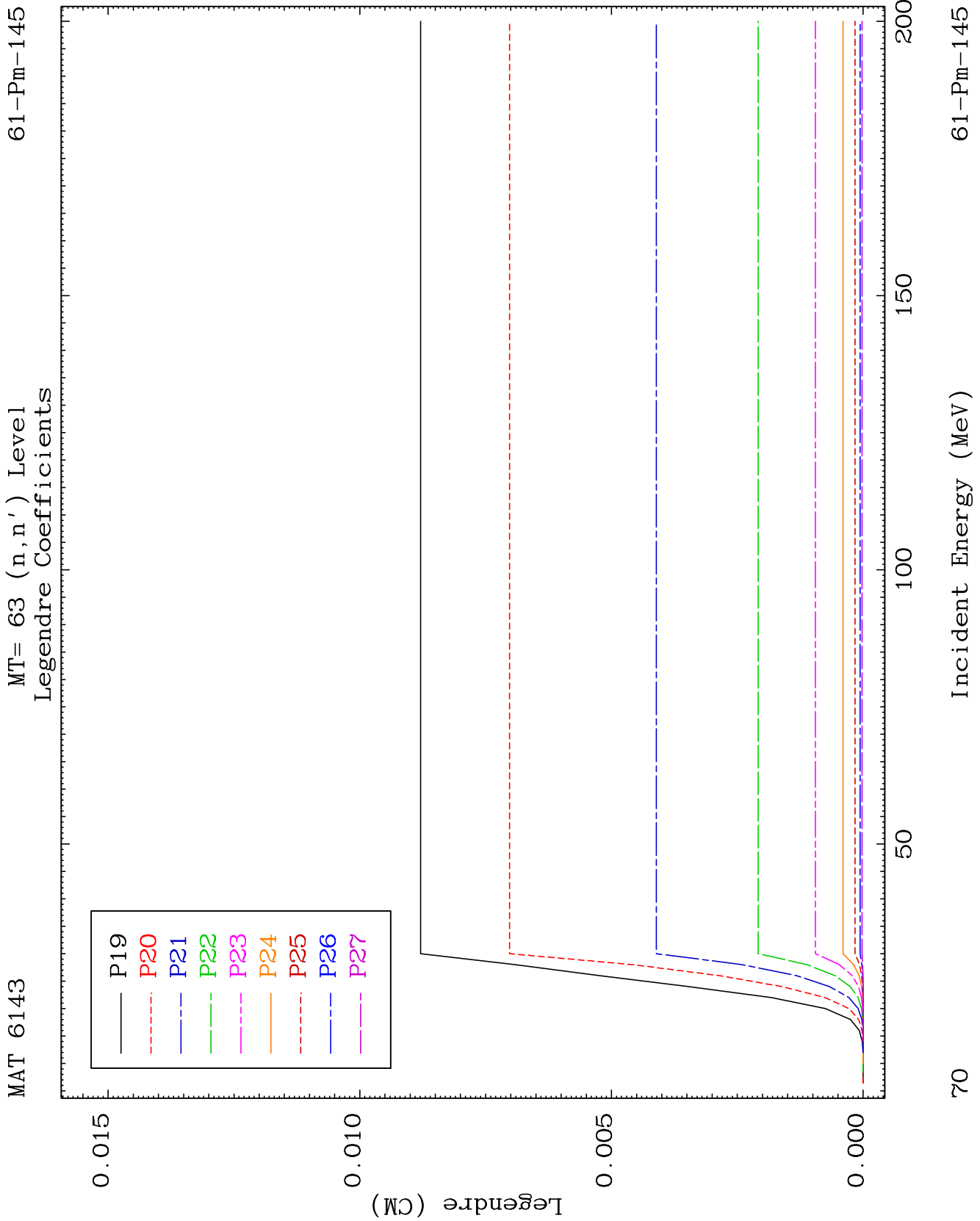


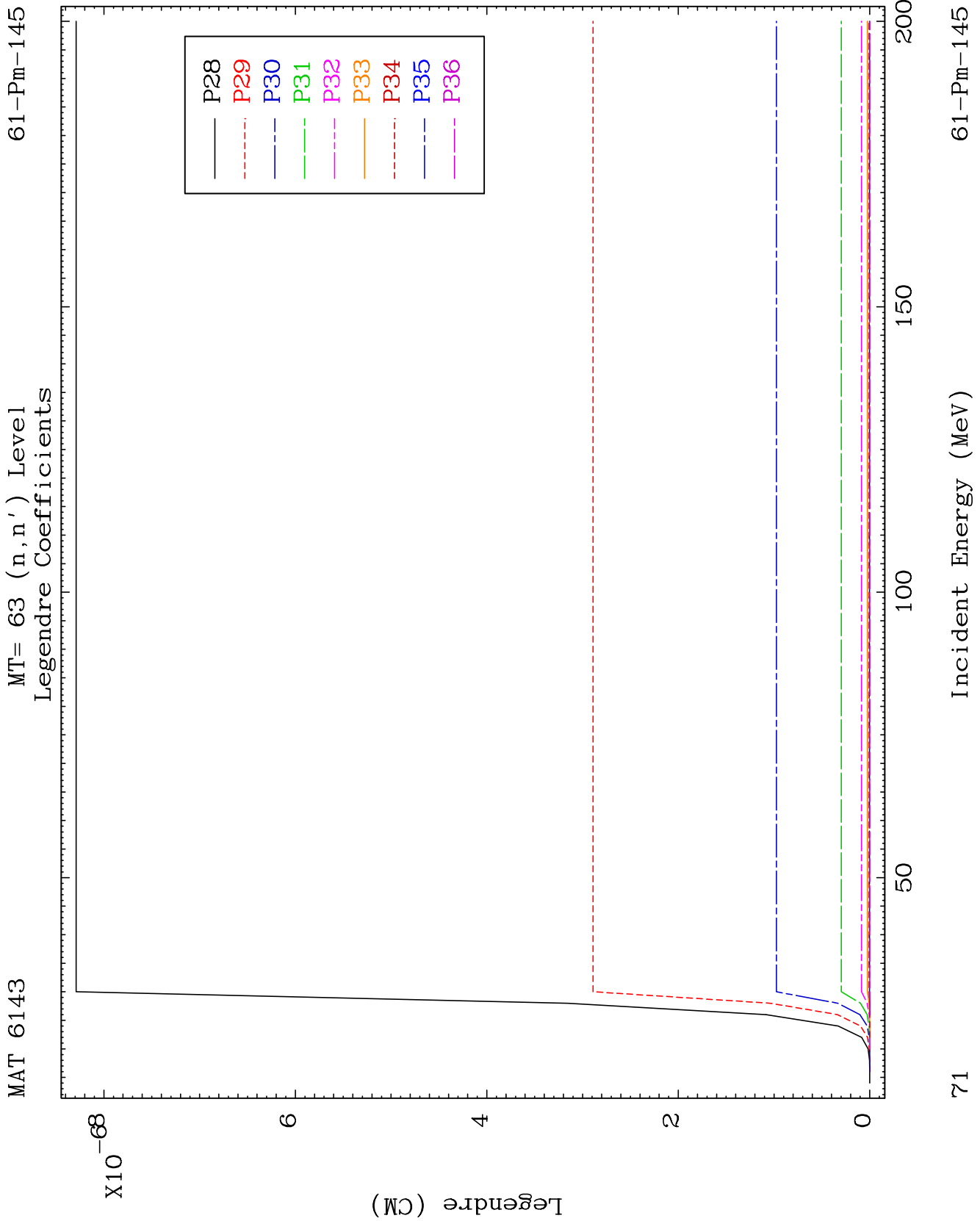


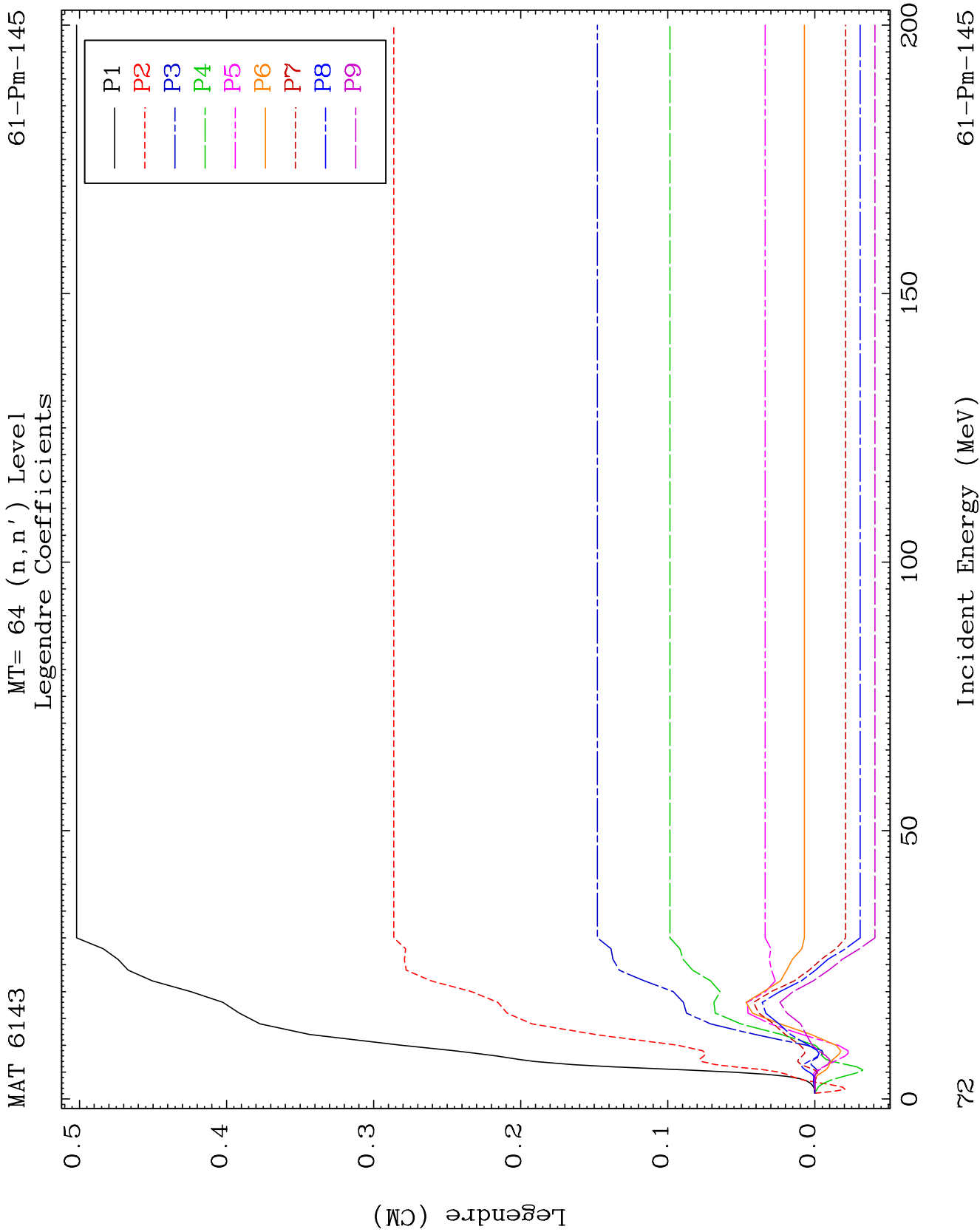








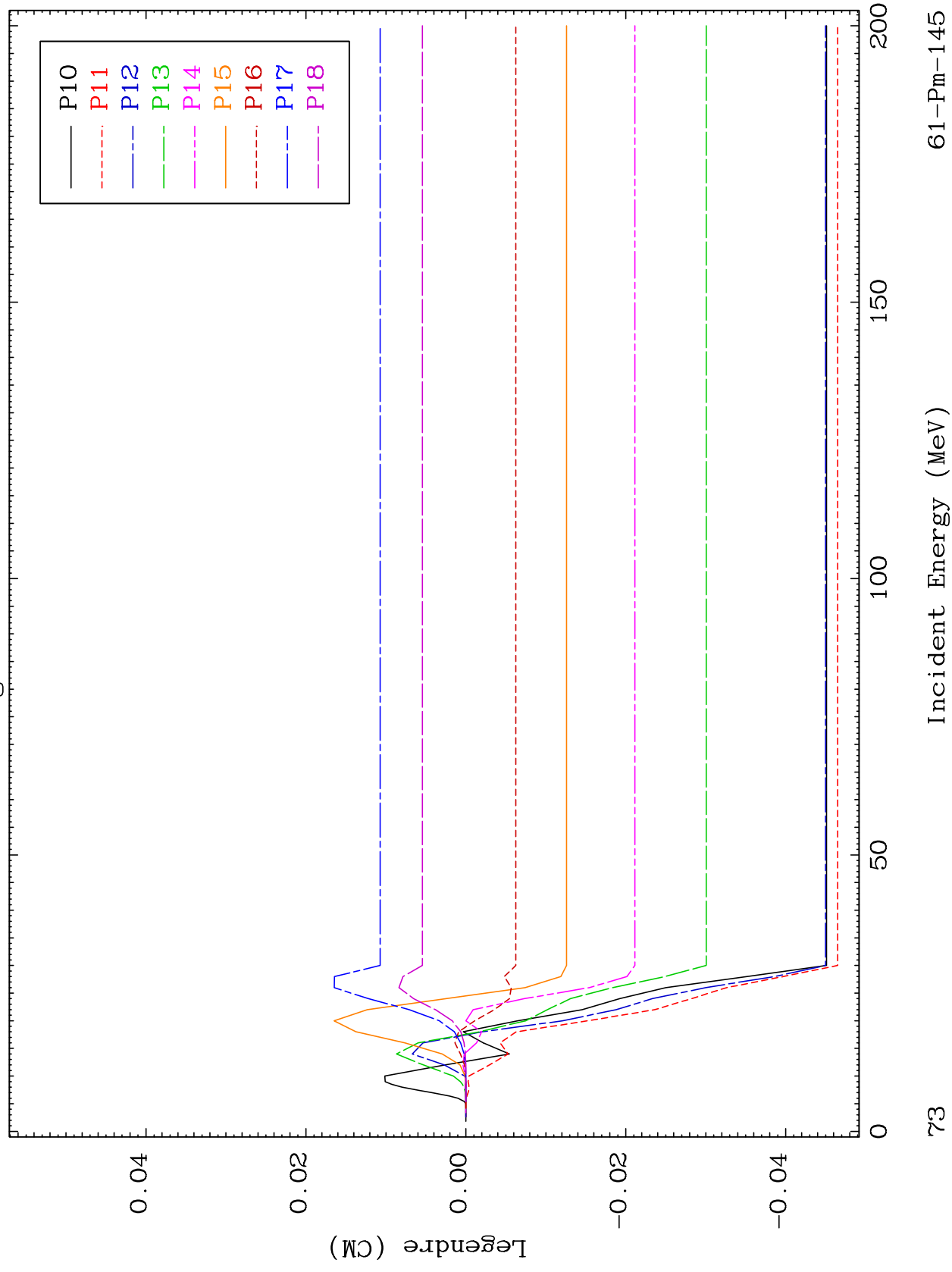


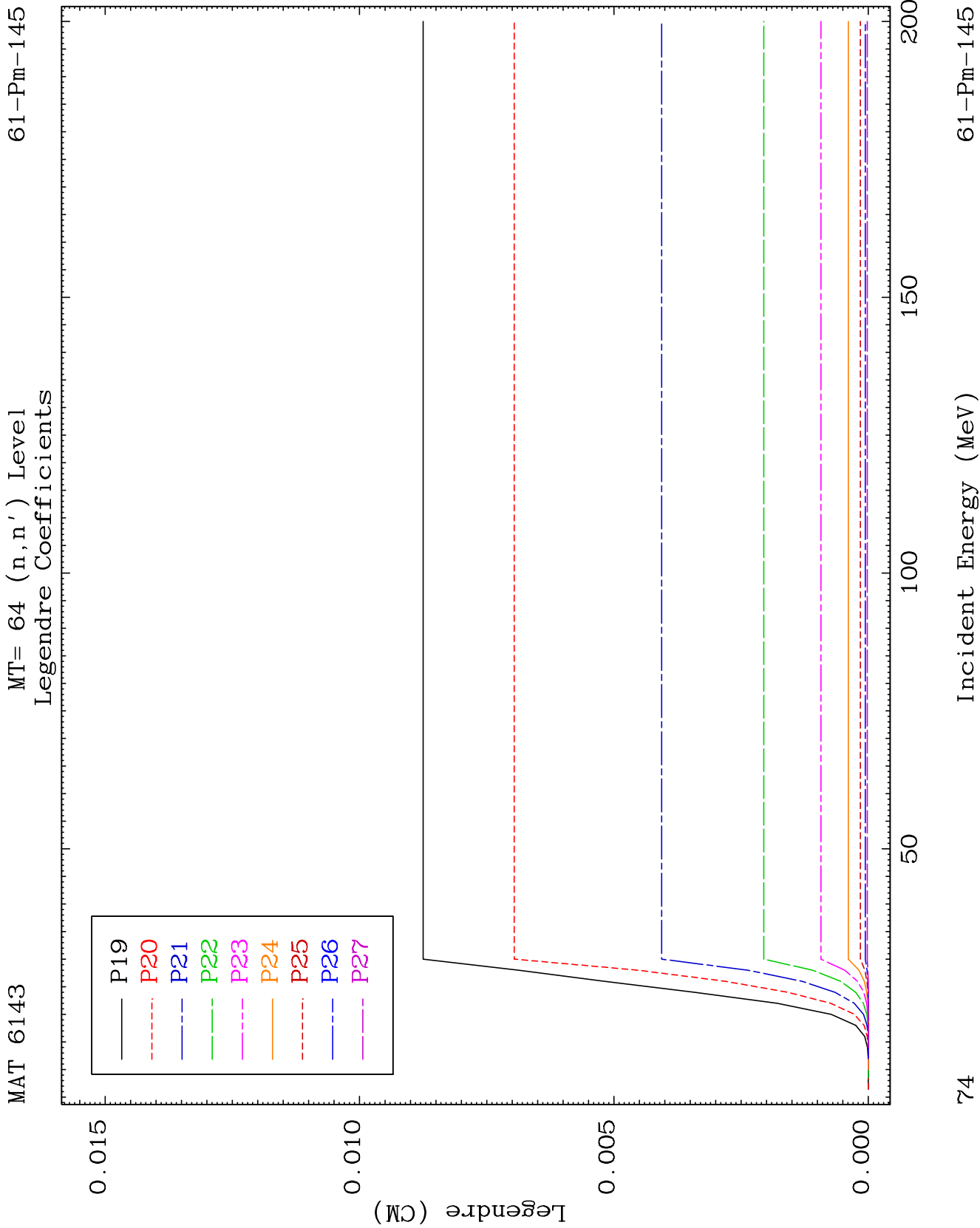


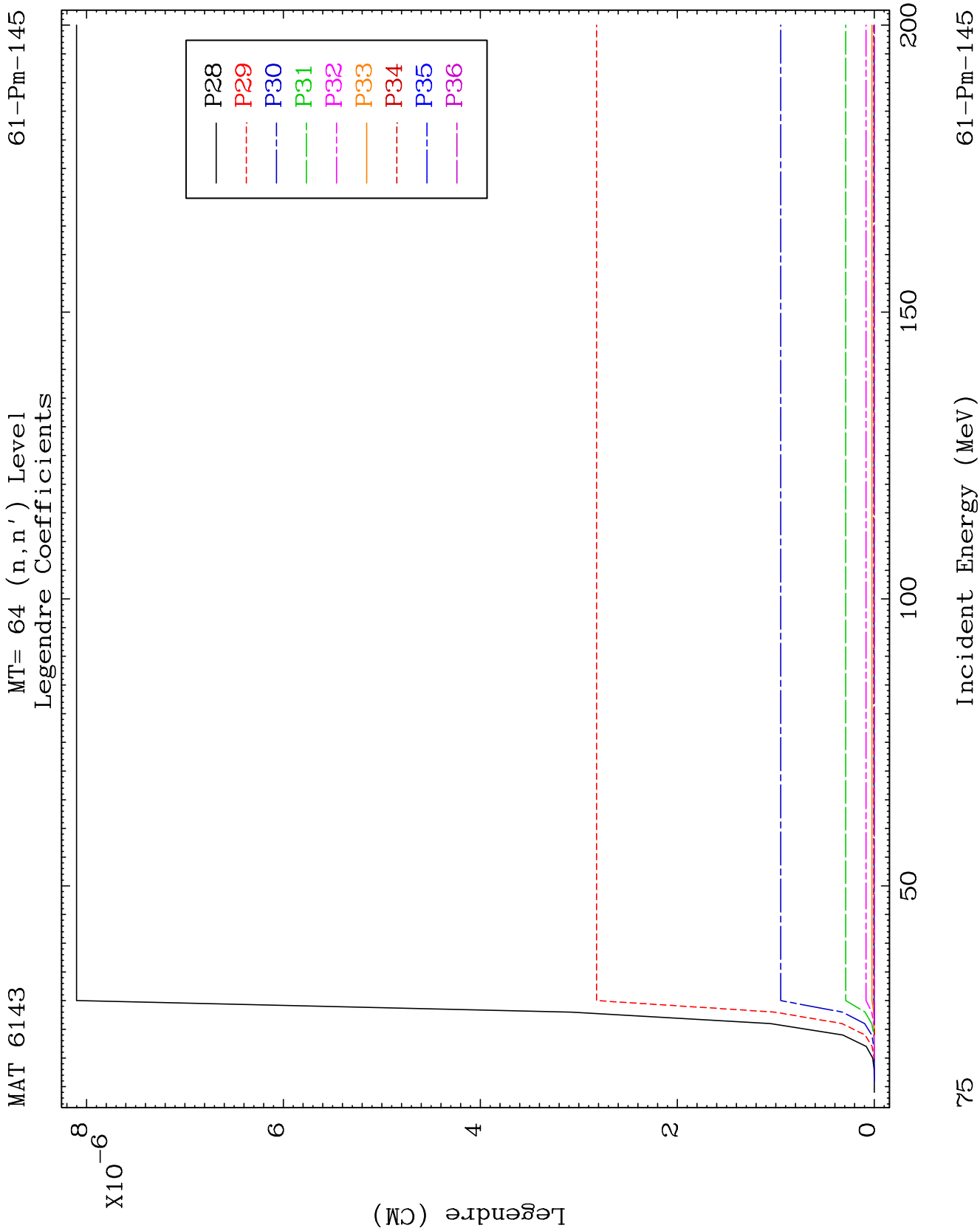
MAT 6143

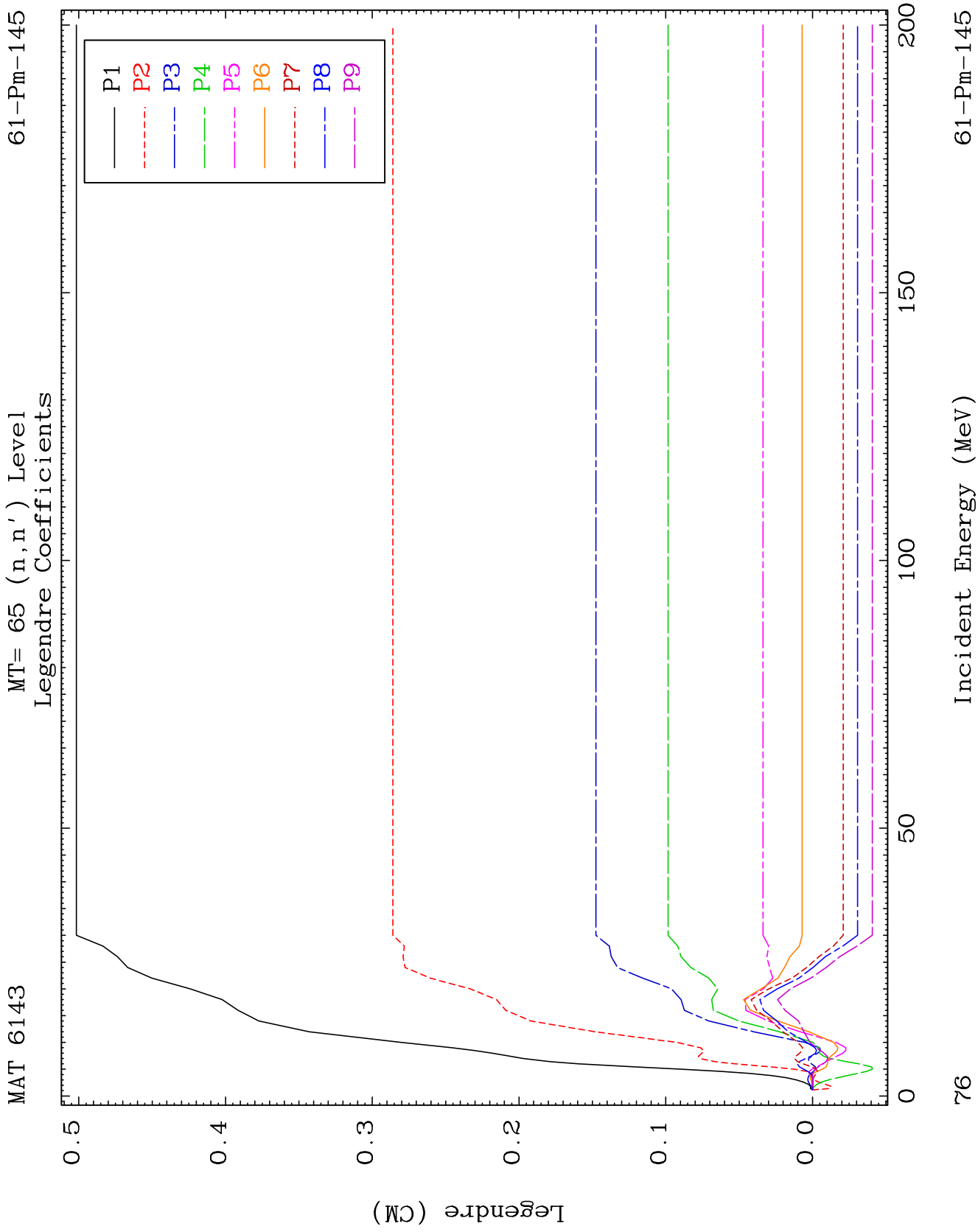
MT= 64 (n, n') Level  
Legendre Coefficients

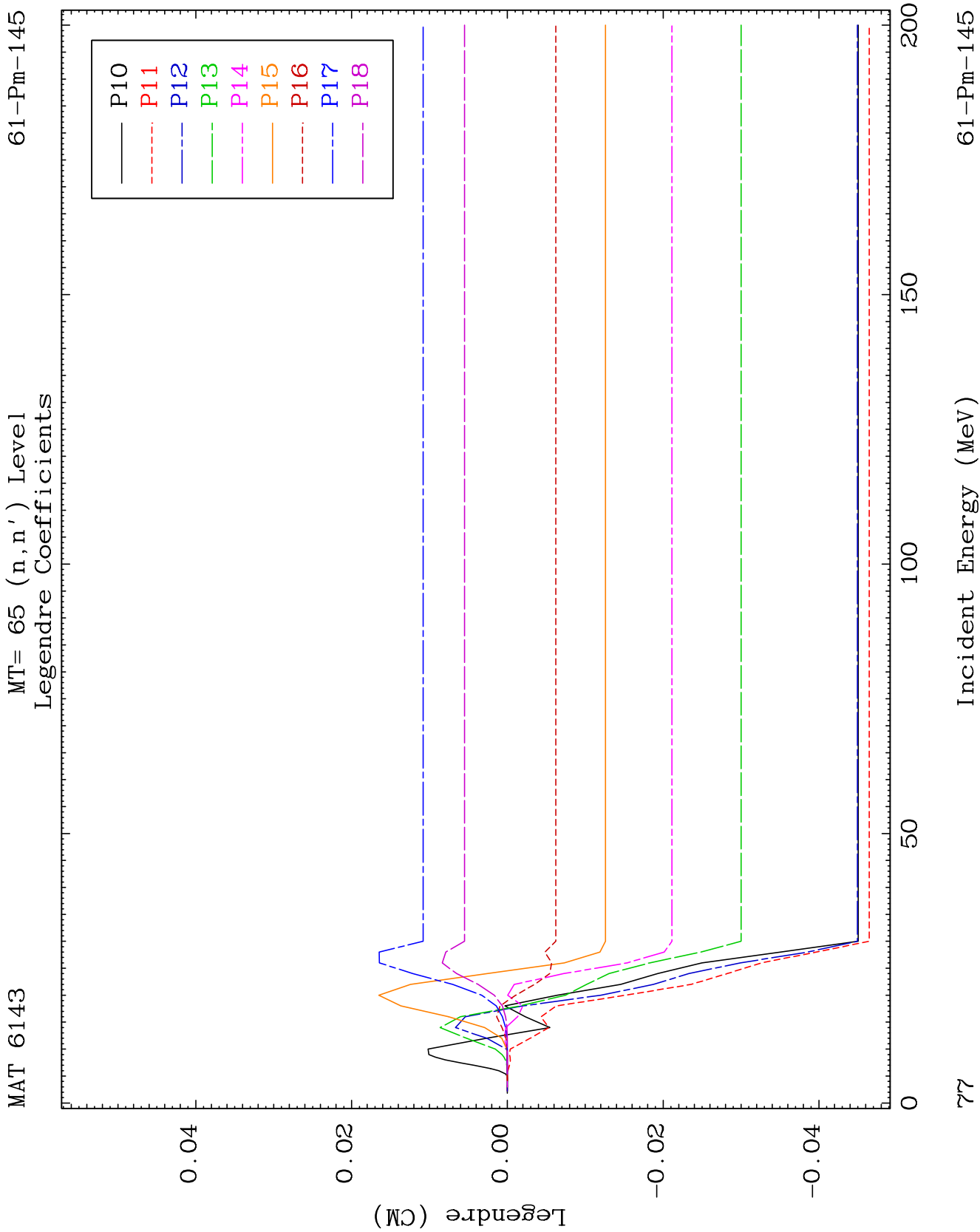
61-Pm-145







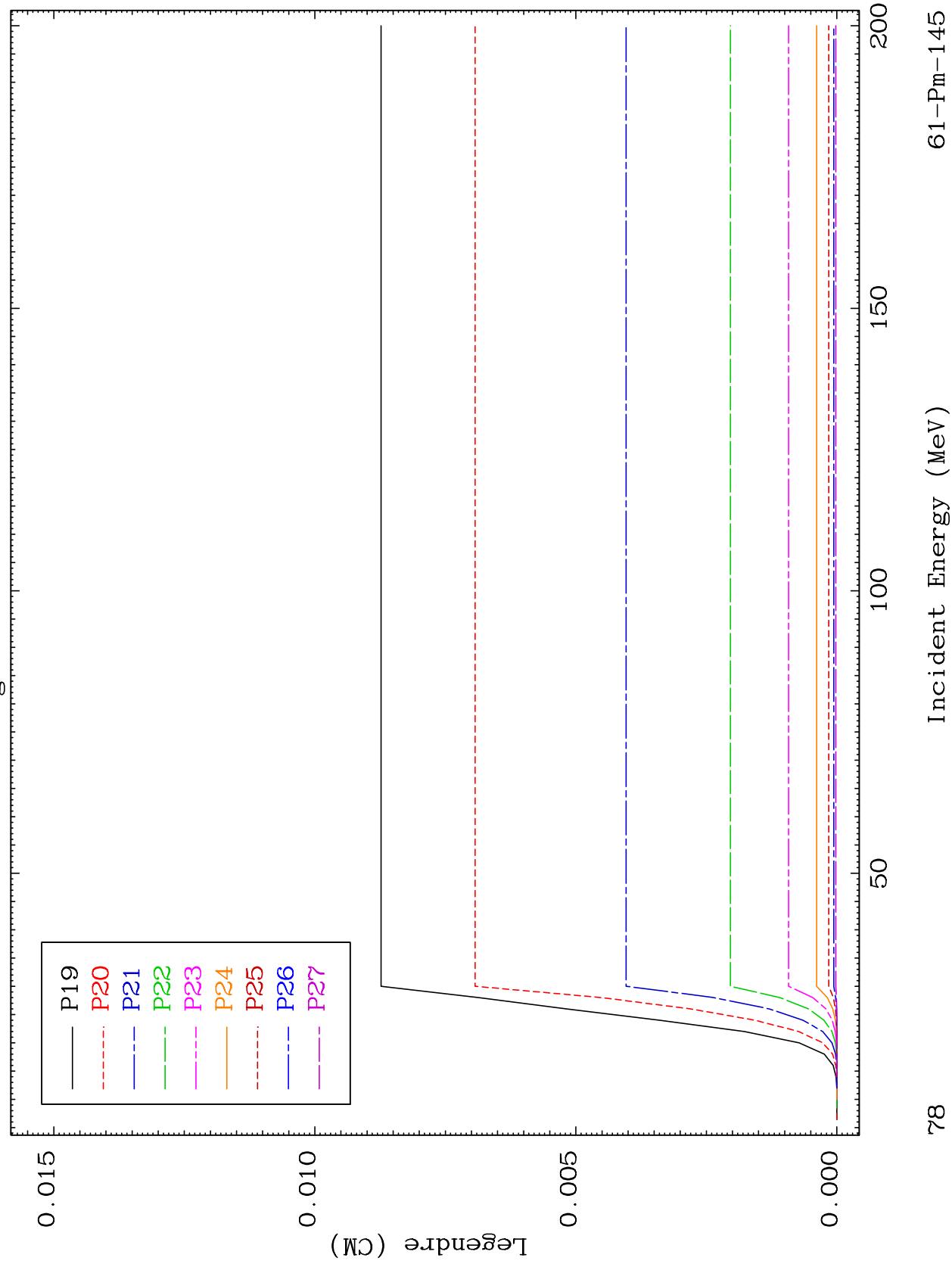


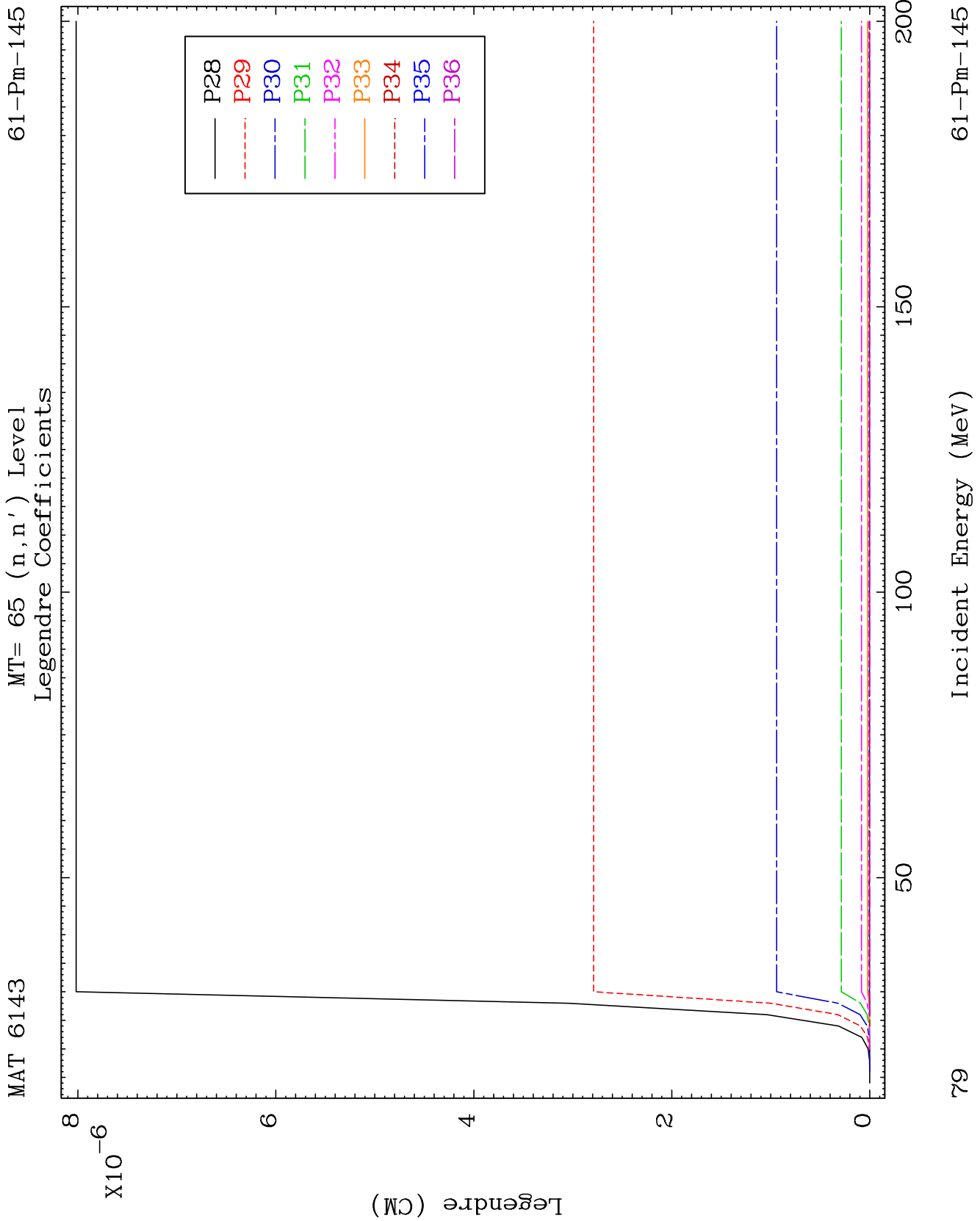


MAT 6143

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

61-Pm-145

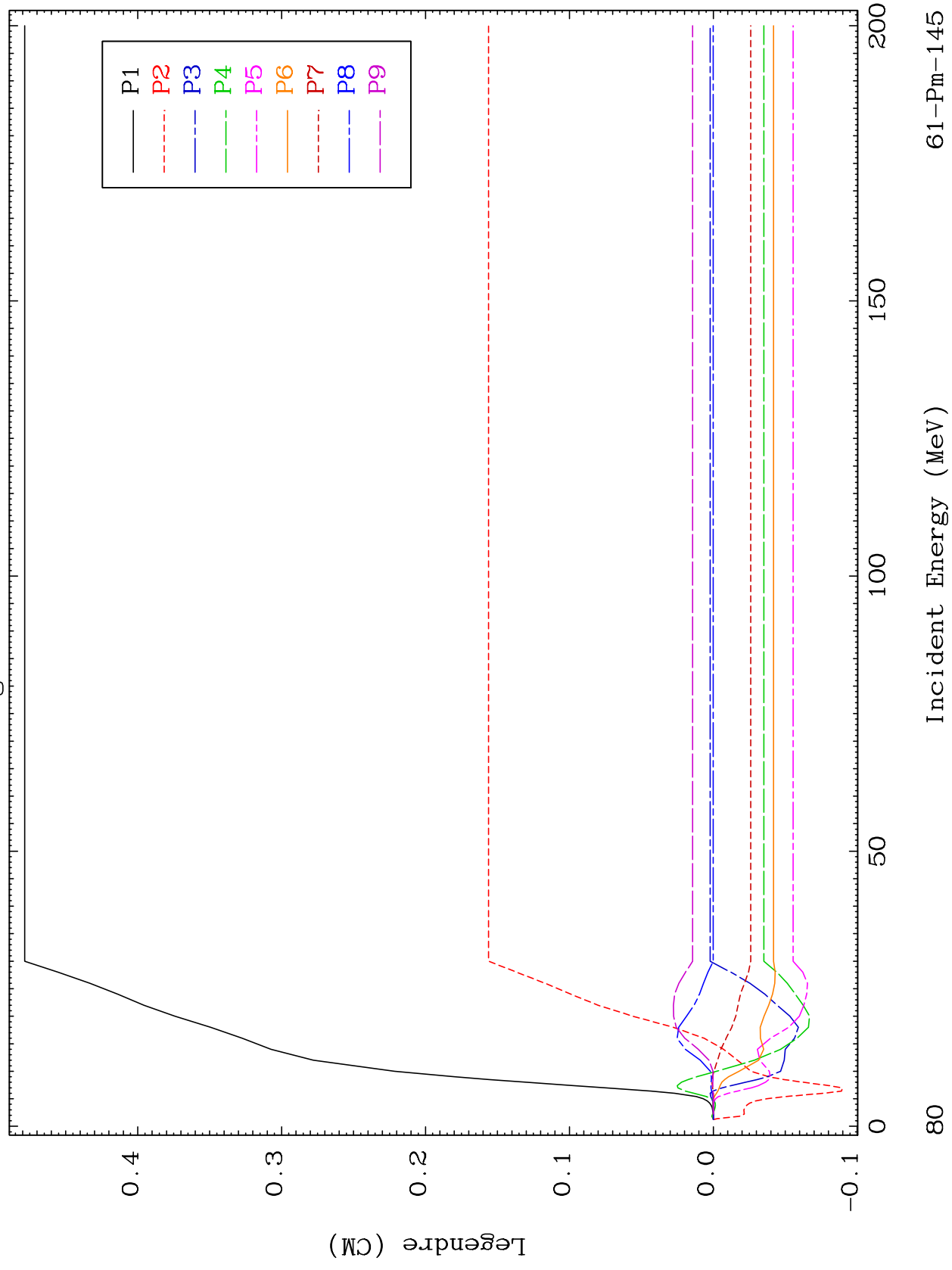




MAT 6143

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

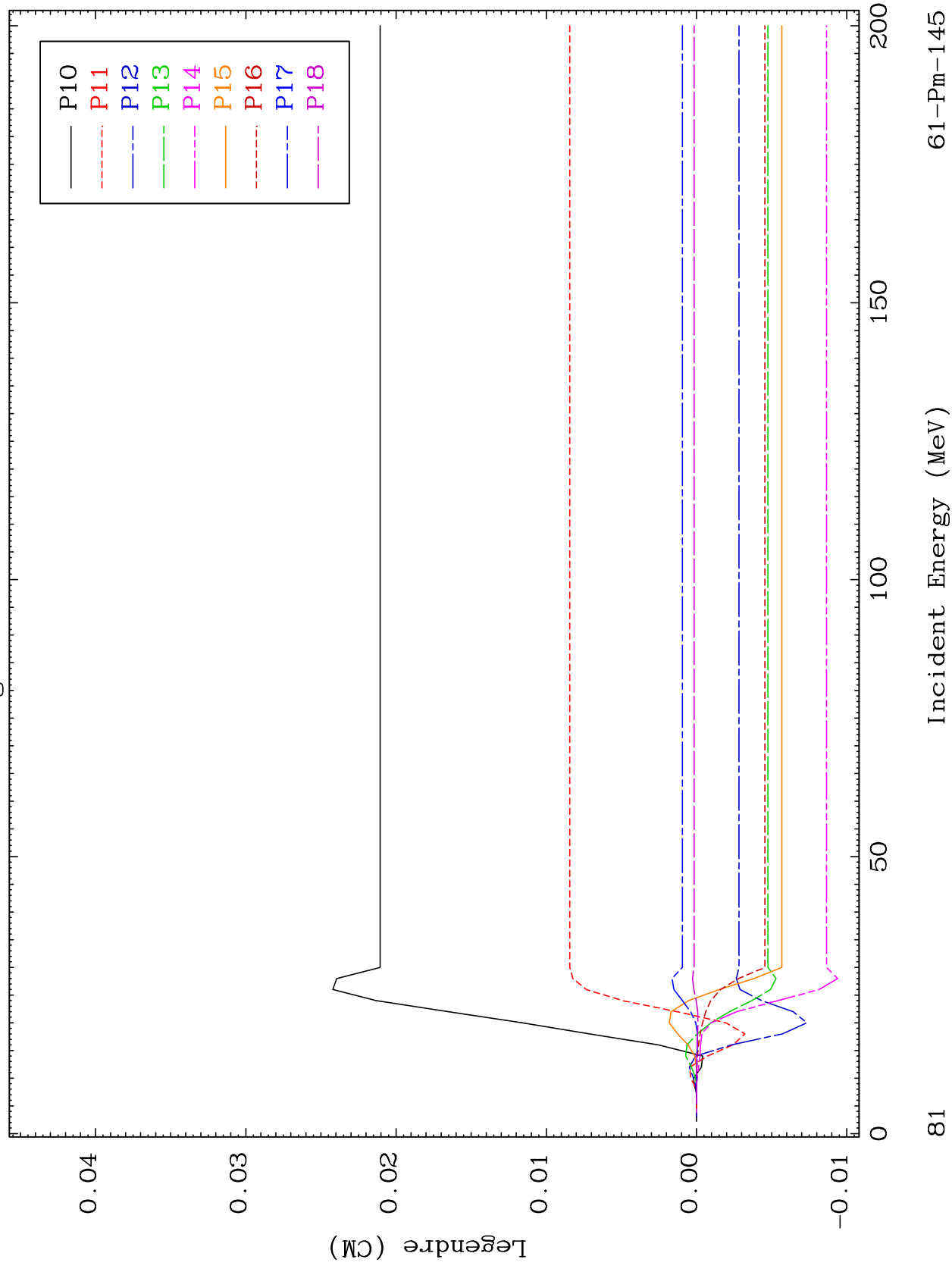
61-Pm-145

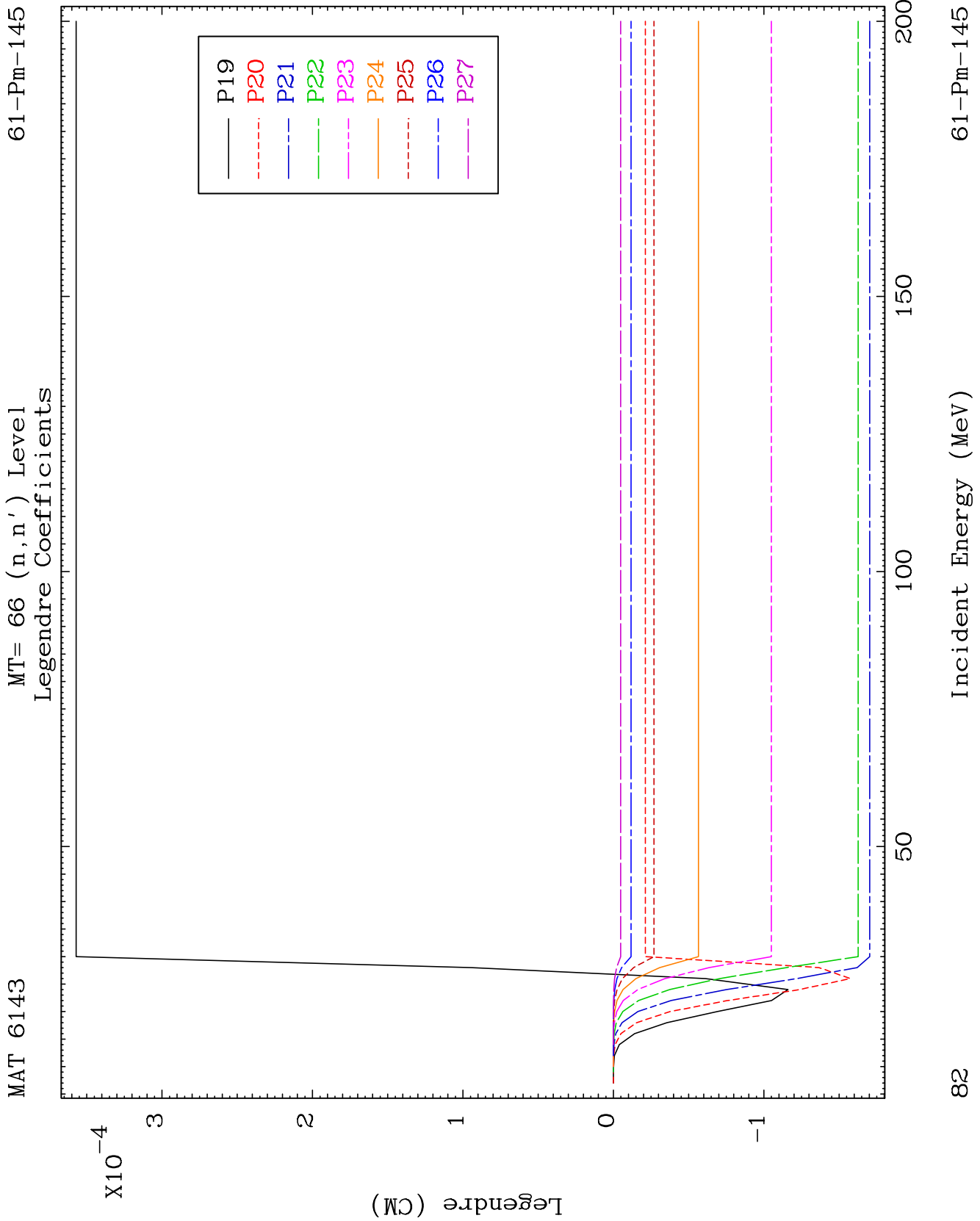


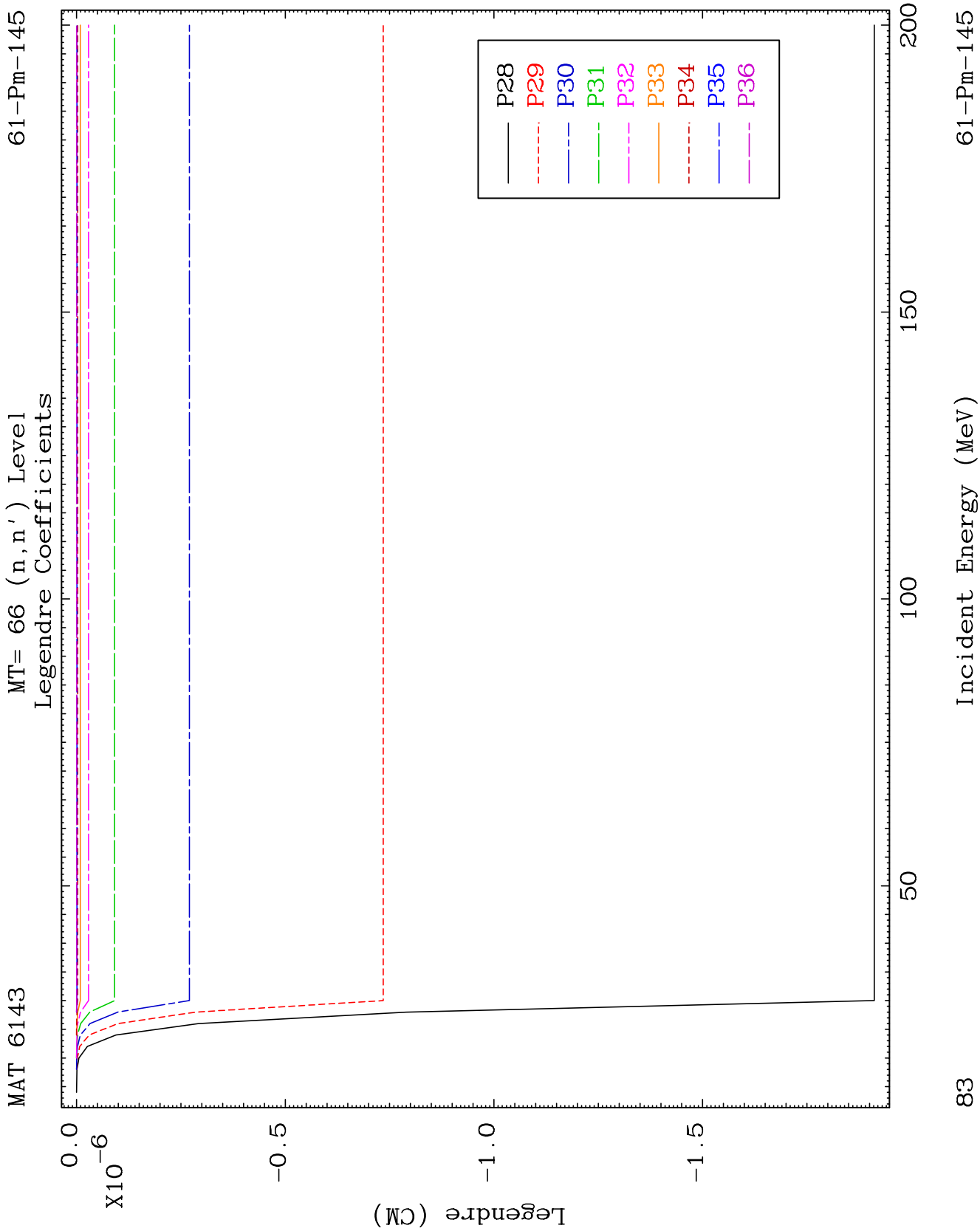
MAT 6143

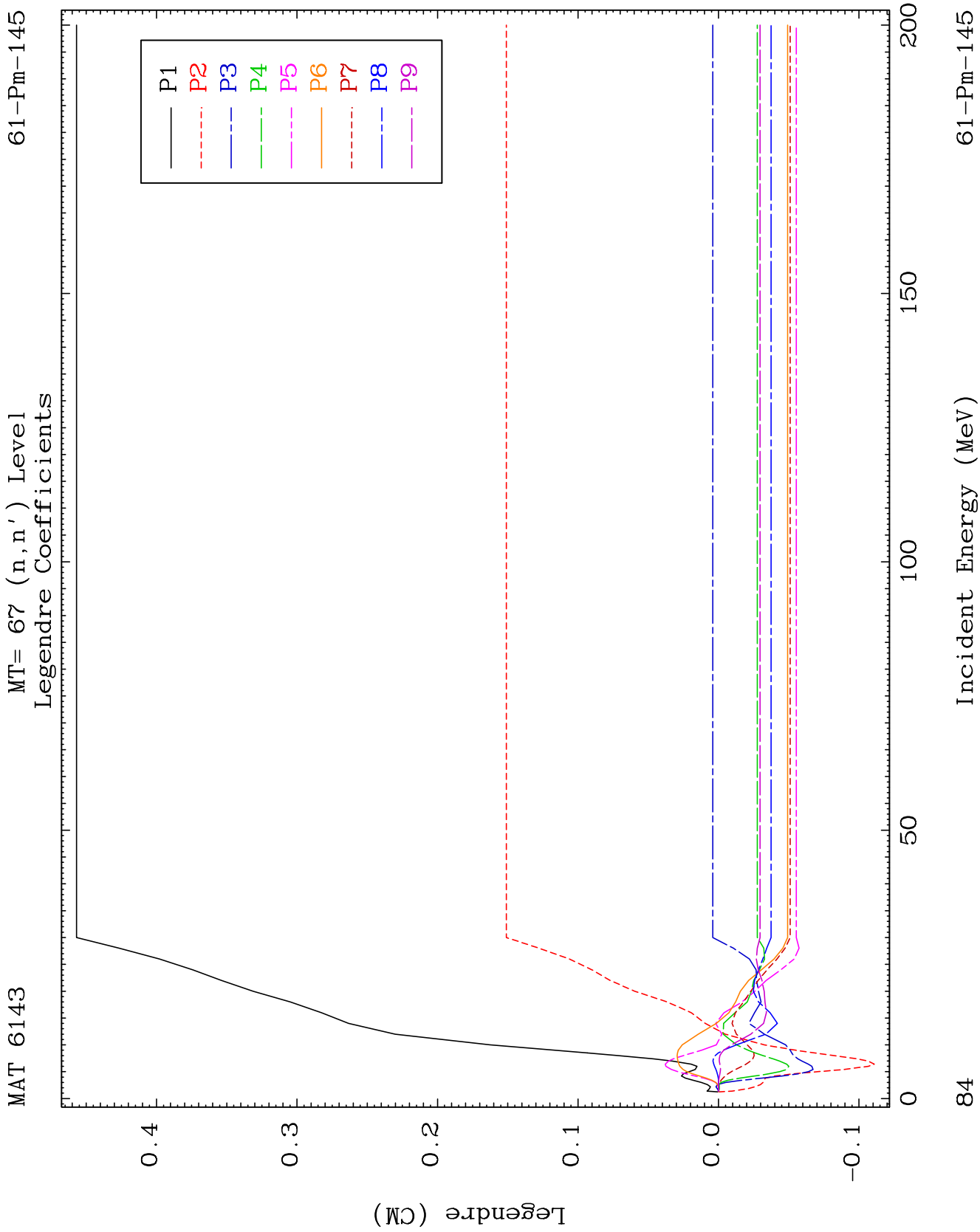
MT= 66 (n, n') Level  
Legendre Coefficients

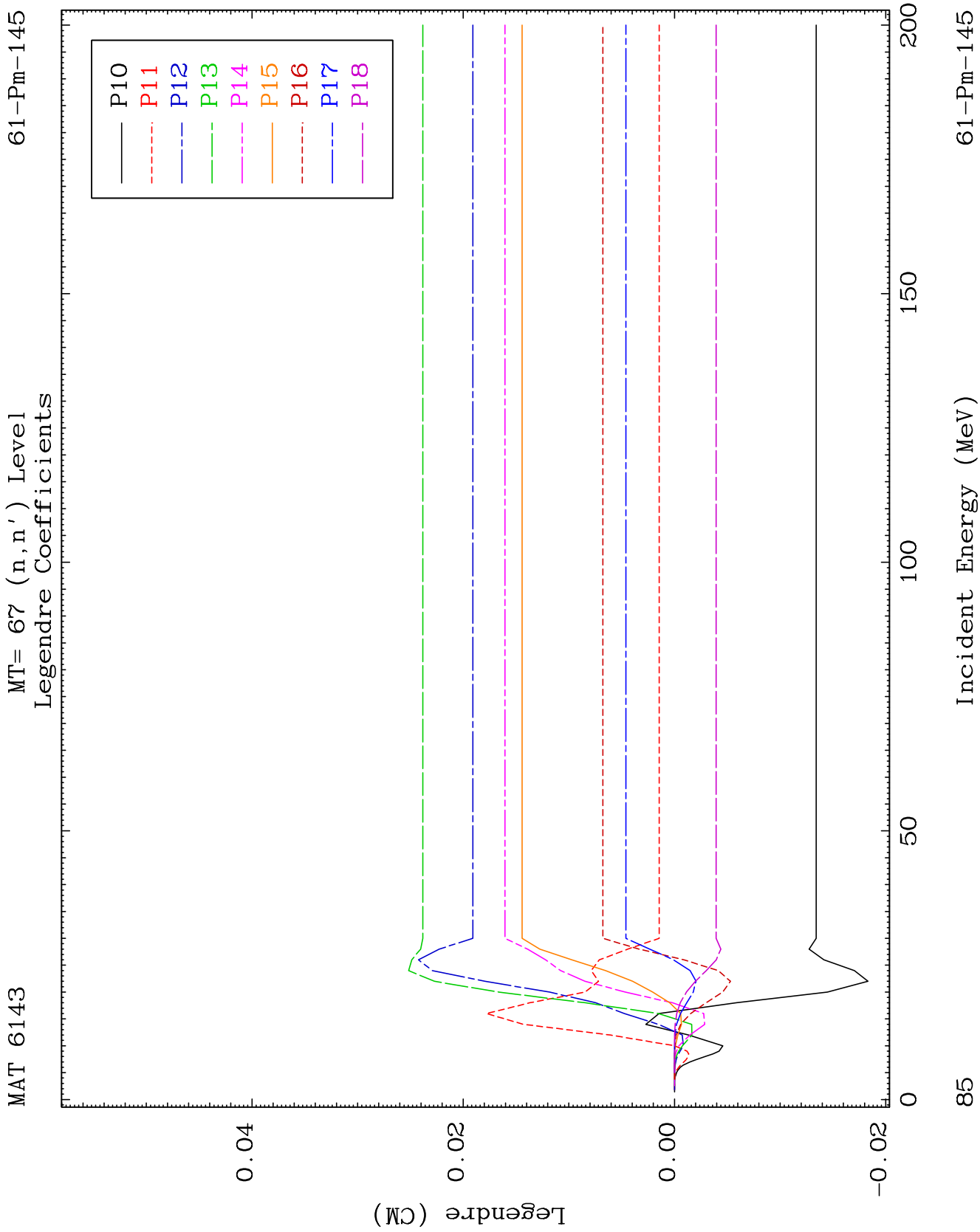
61-Pm-145

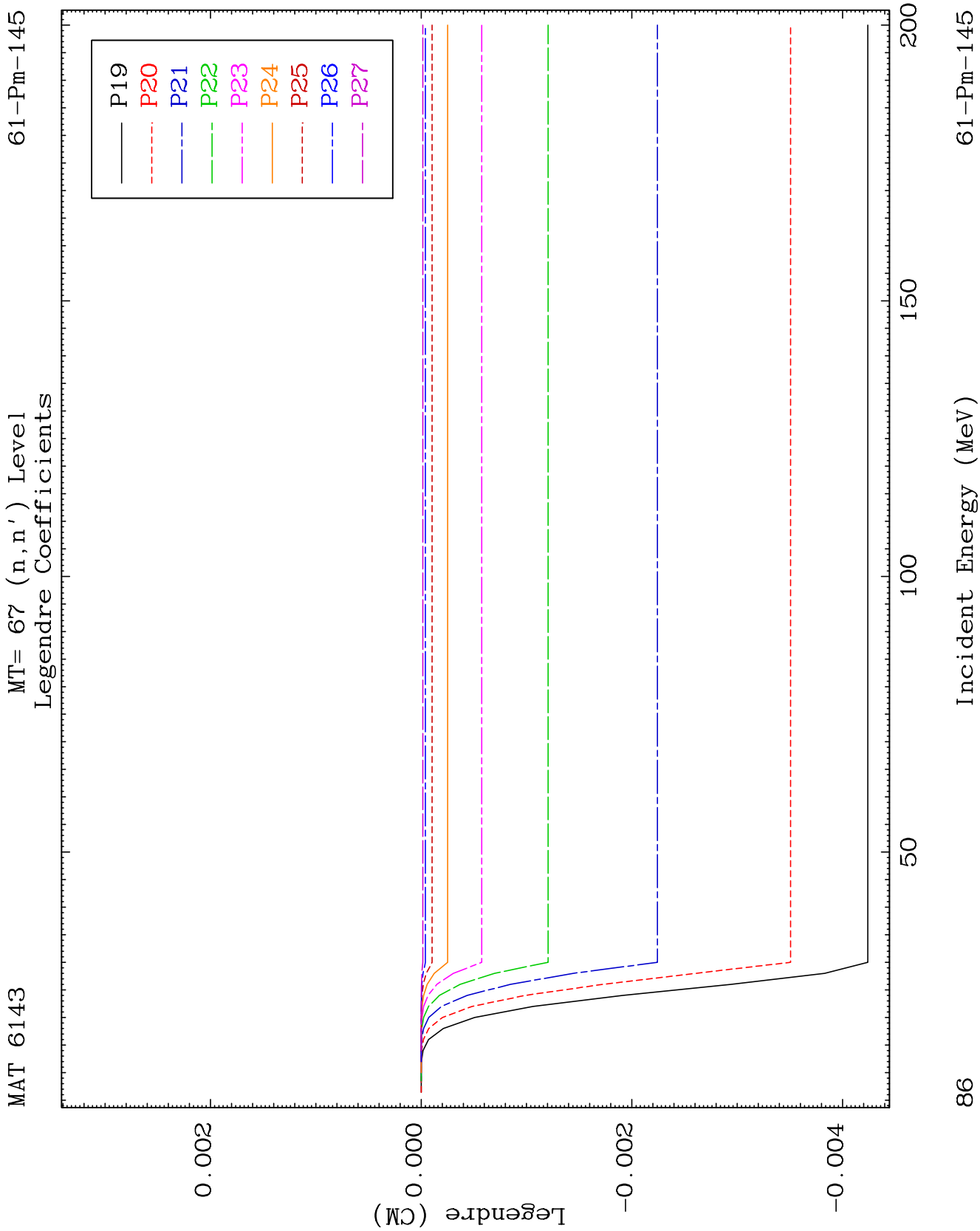




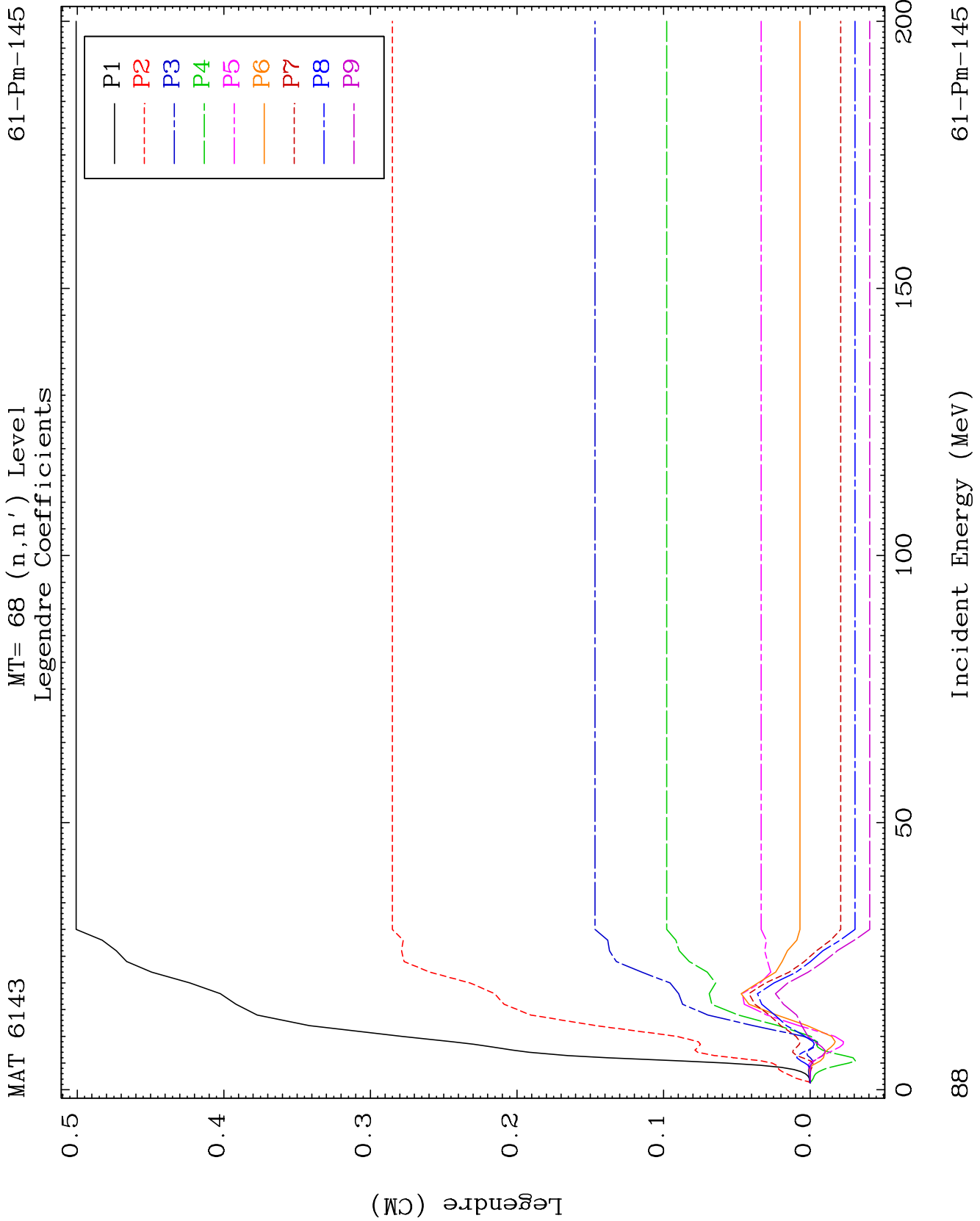








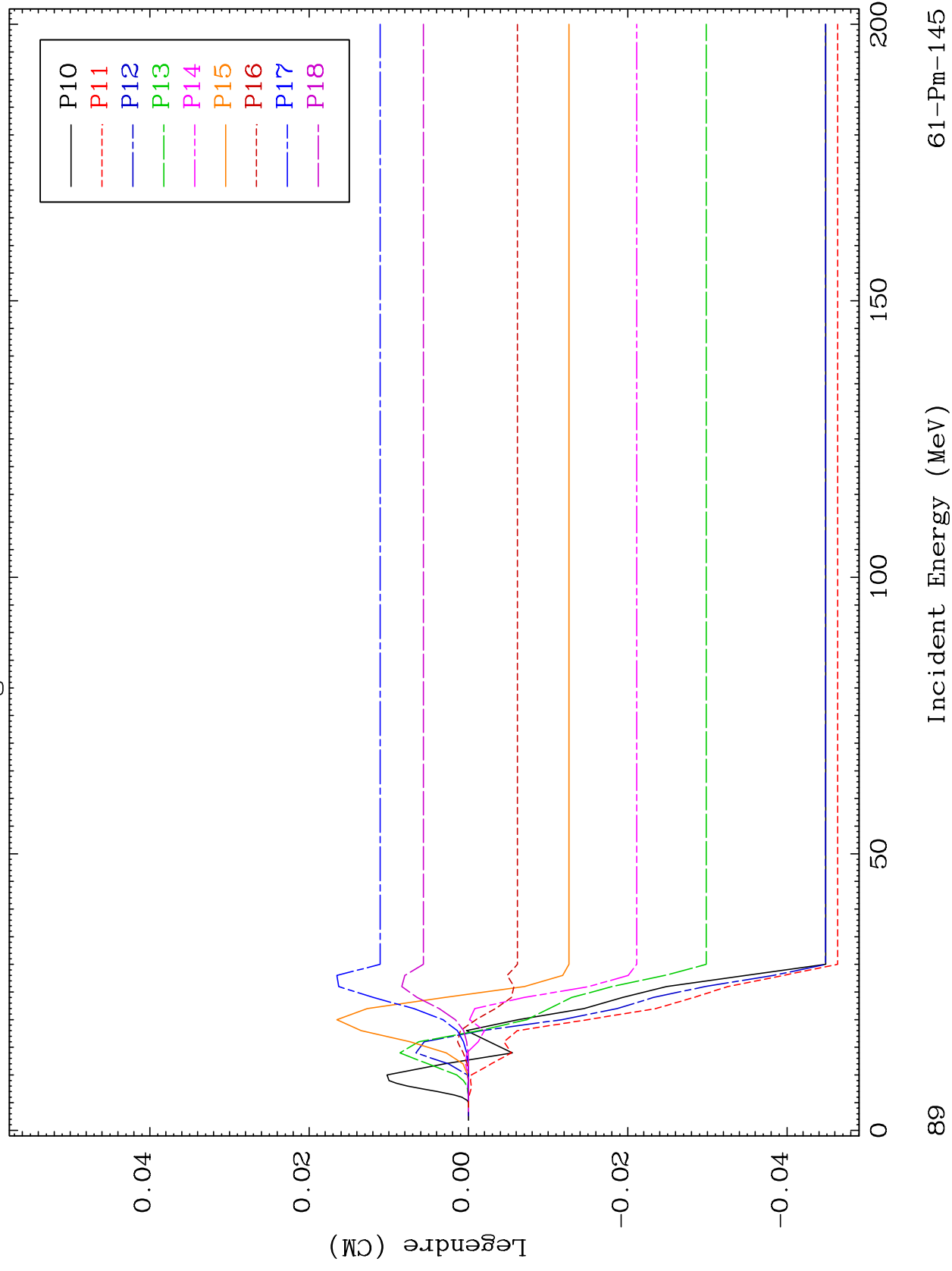




MAT 6143

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

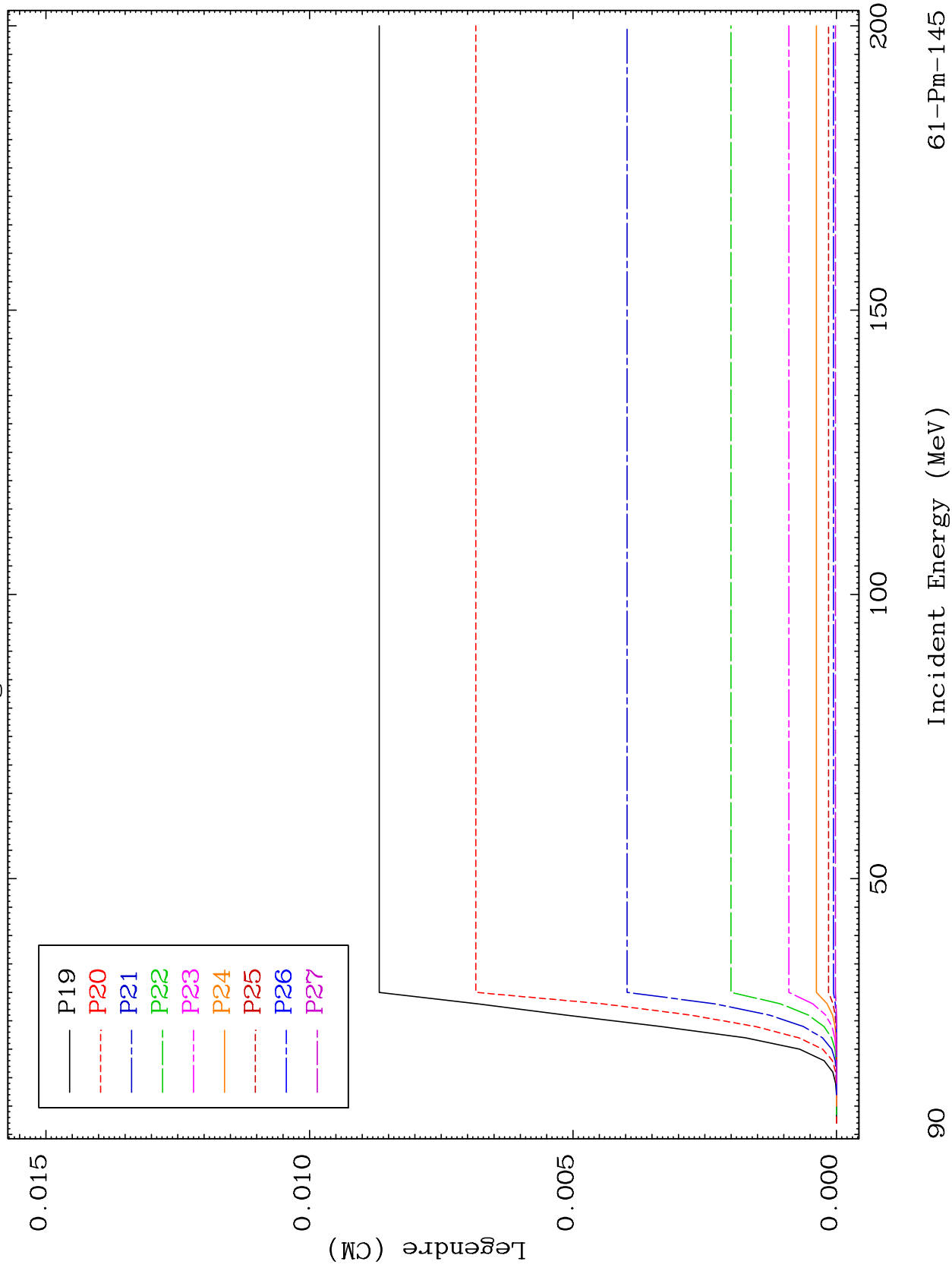
61-Pm-145

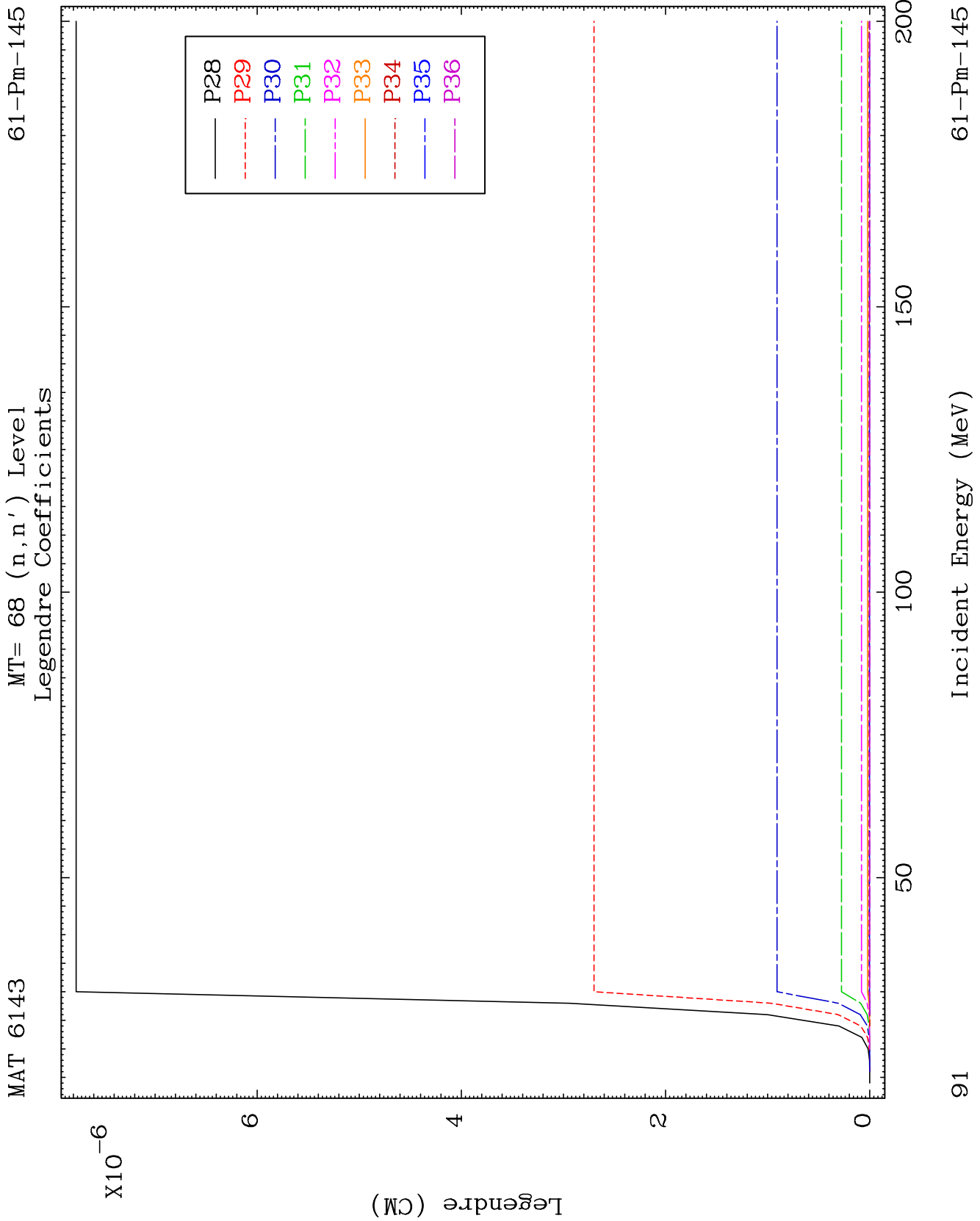


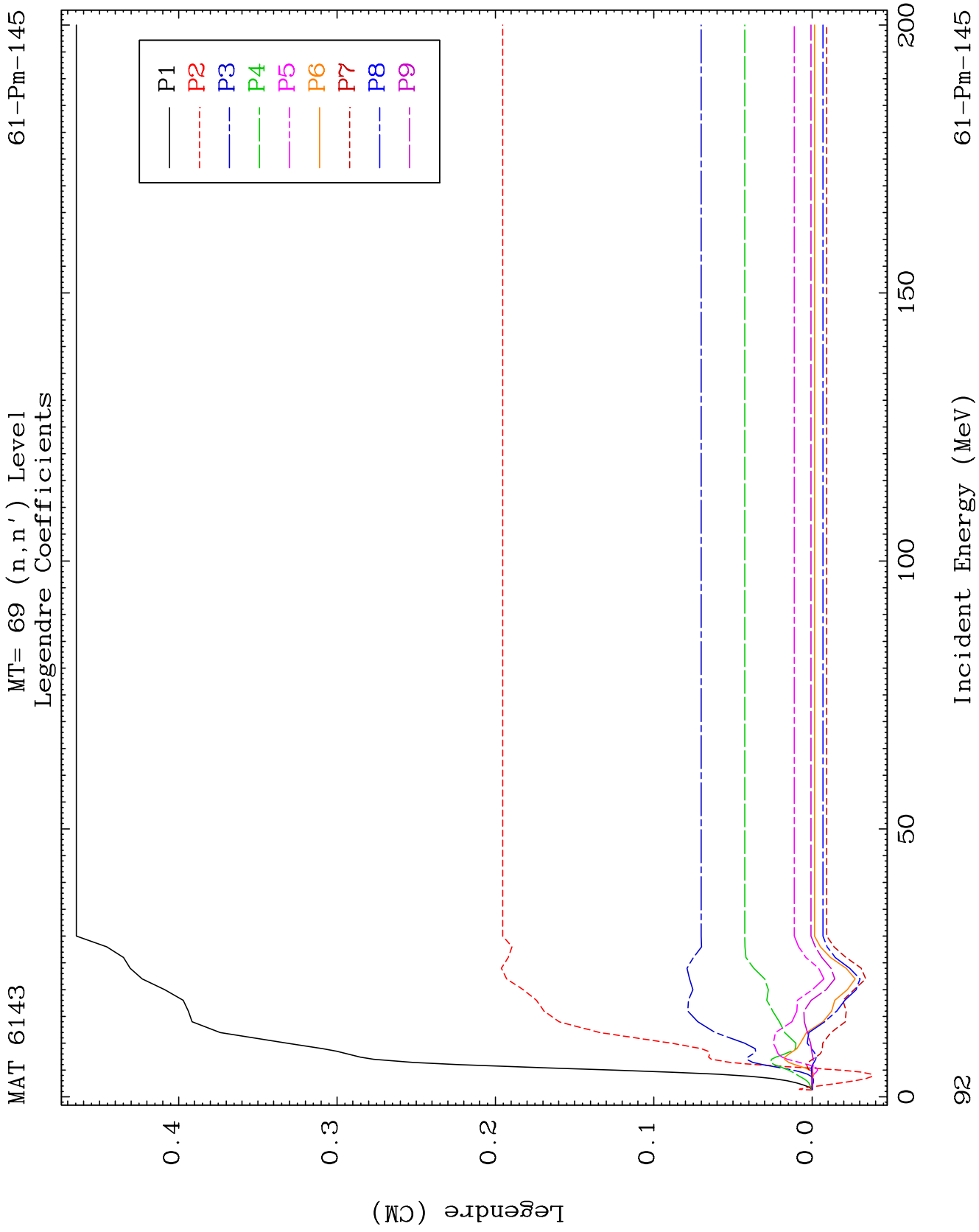
MAT 6143

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

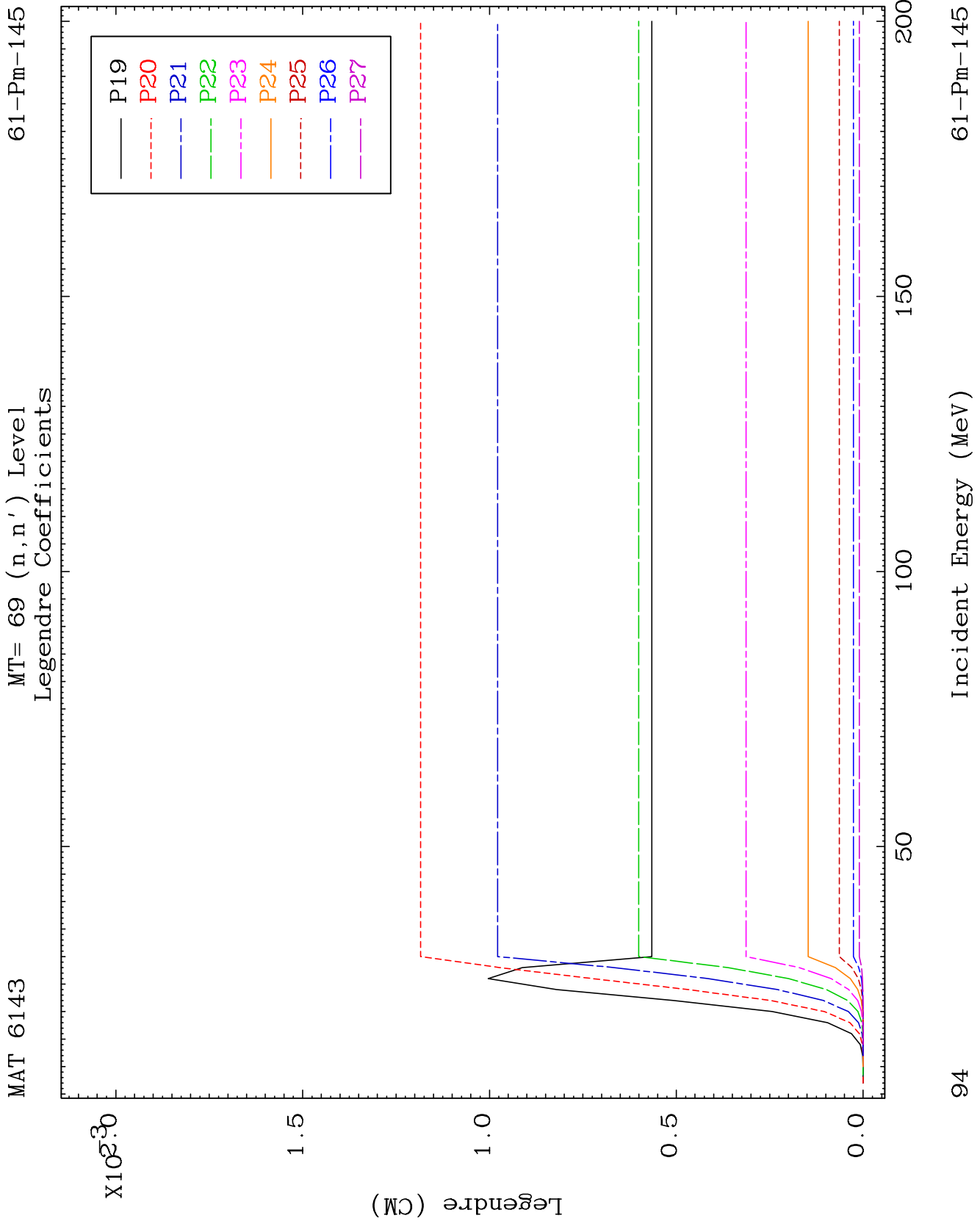
61-Pm-145

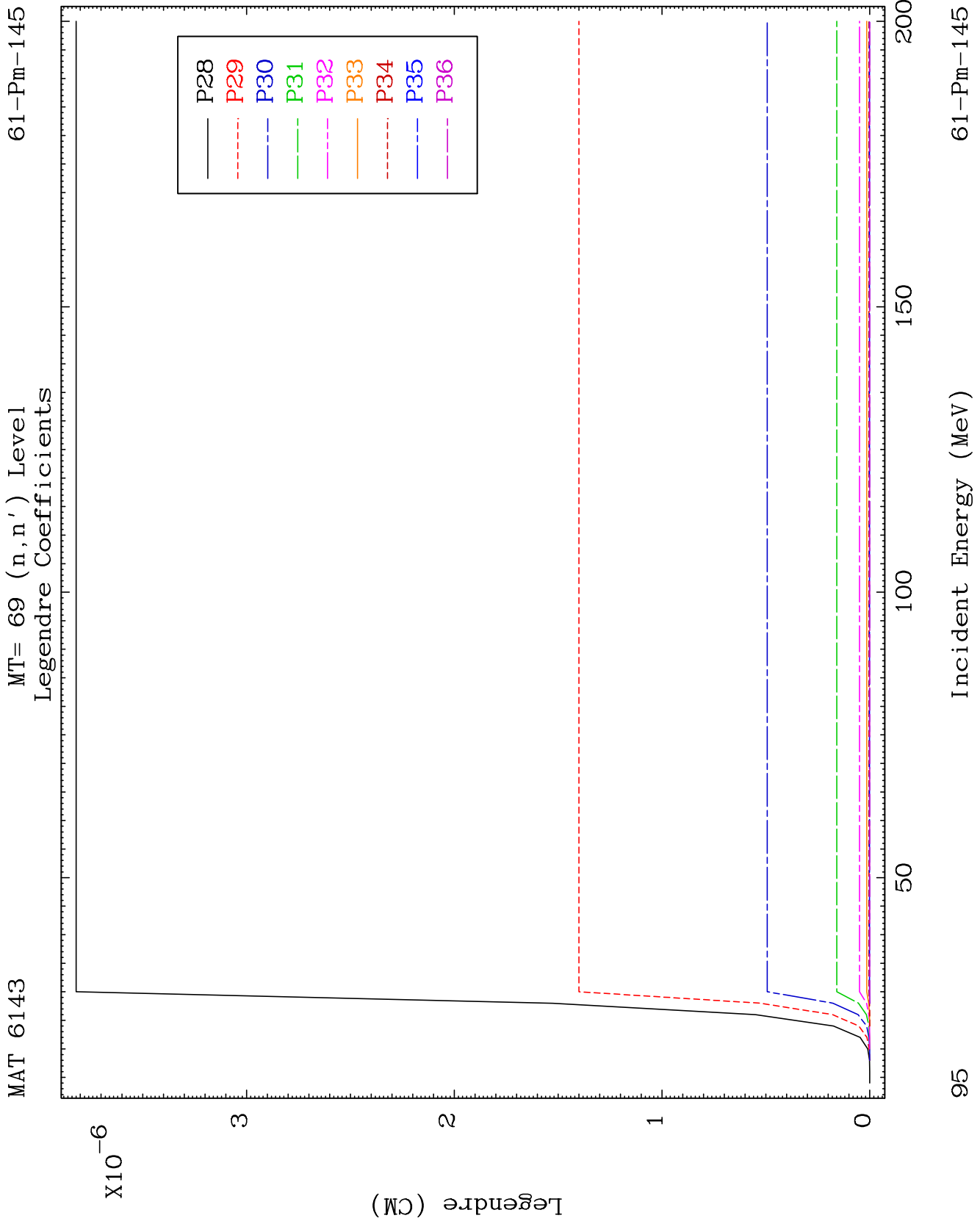








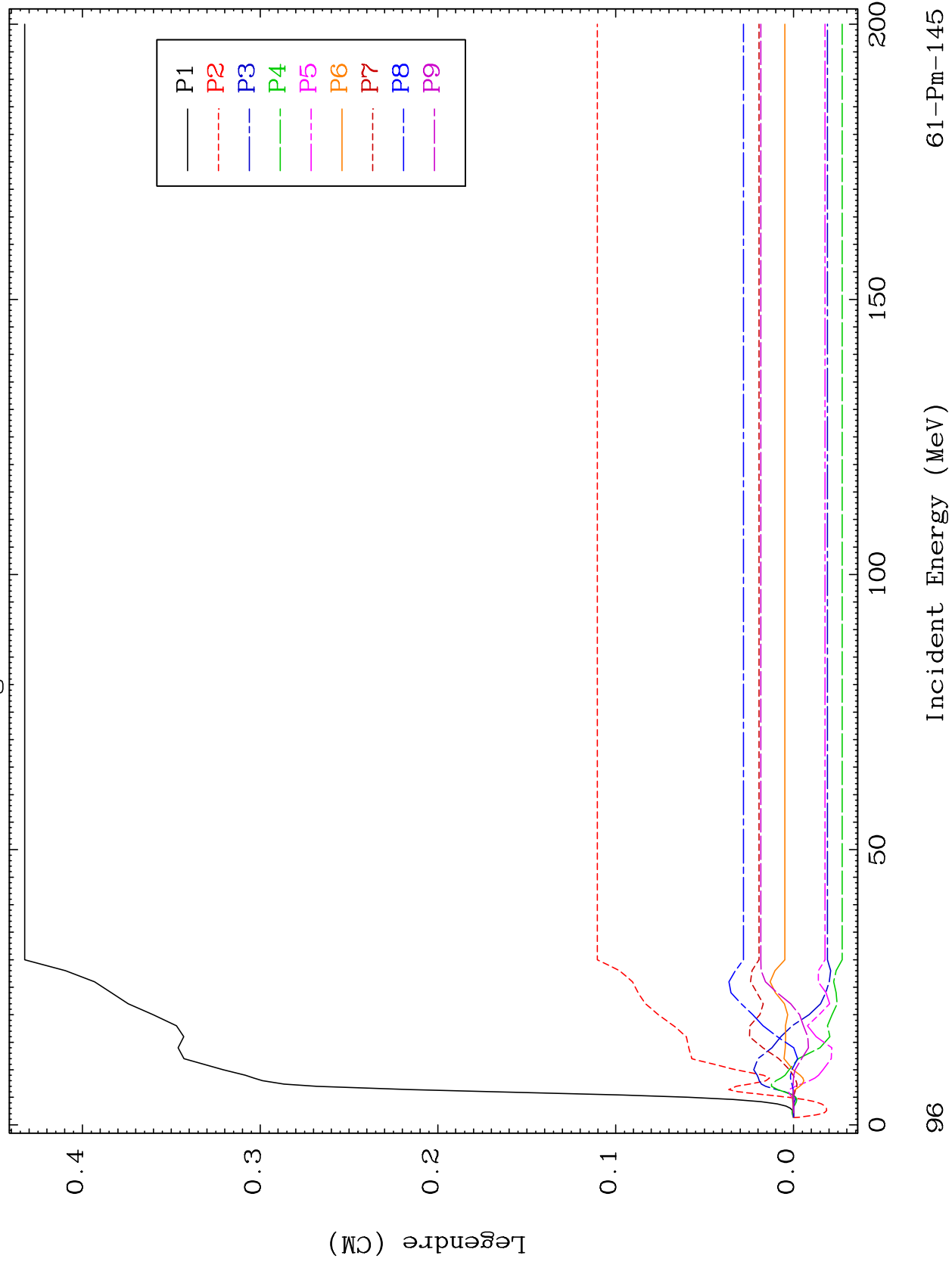


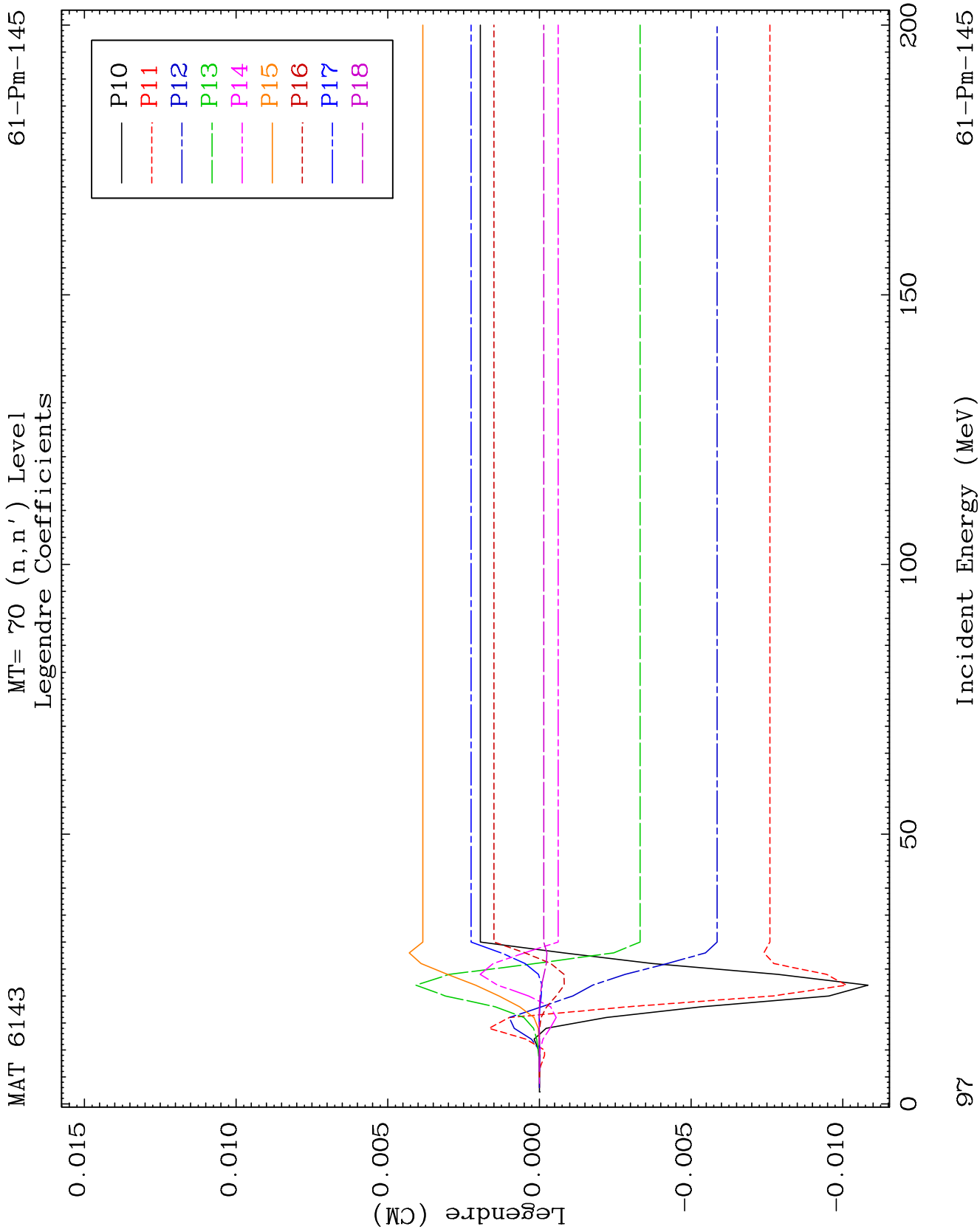


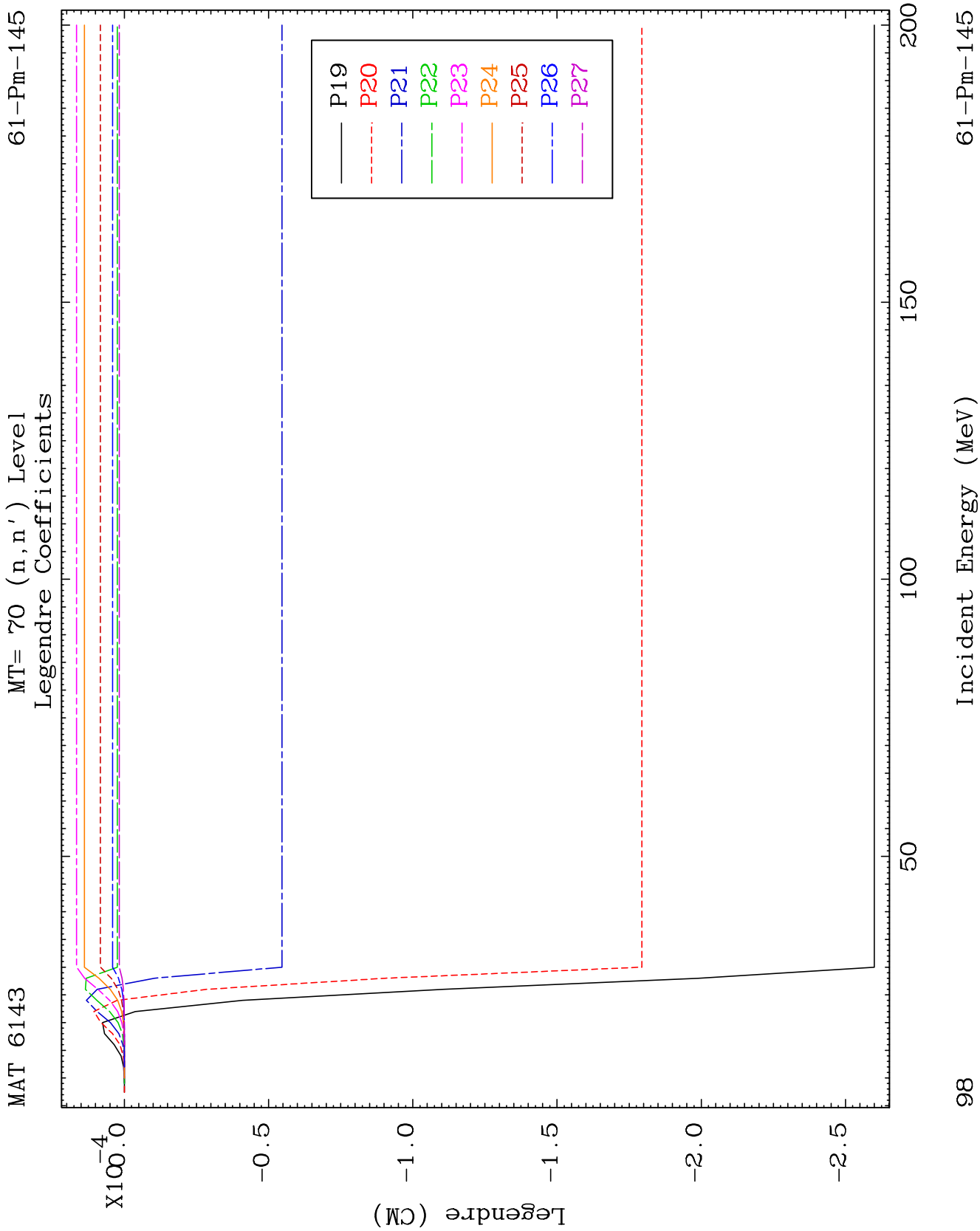
MAT 6143

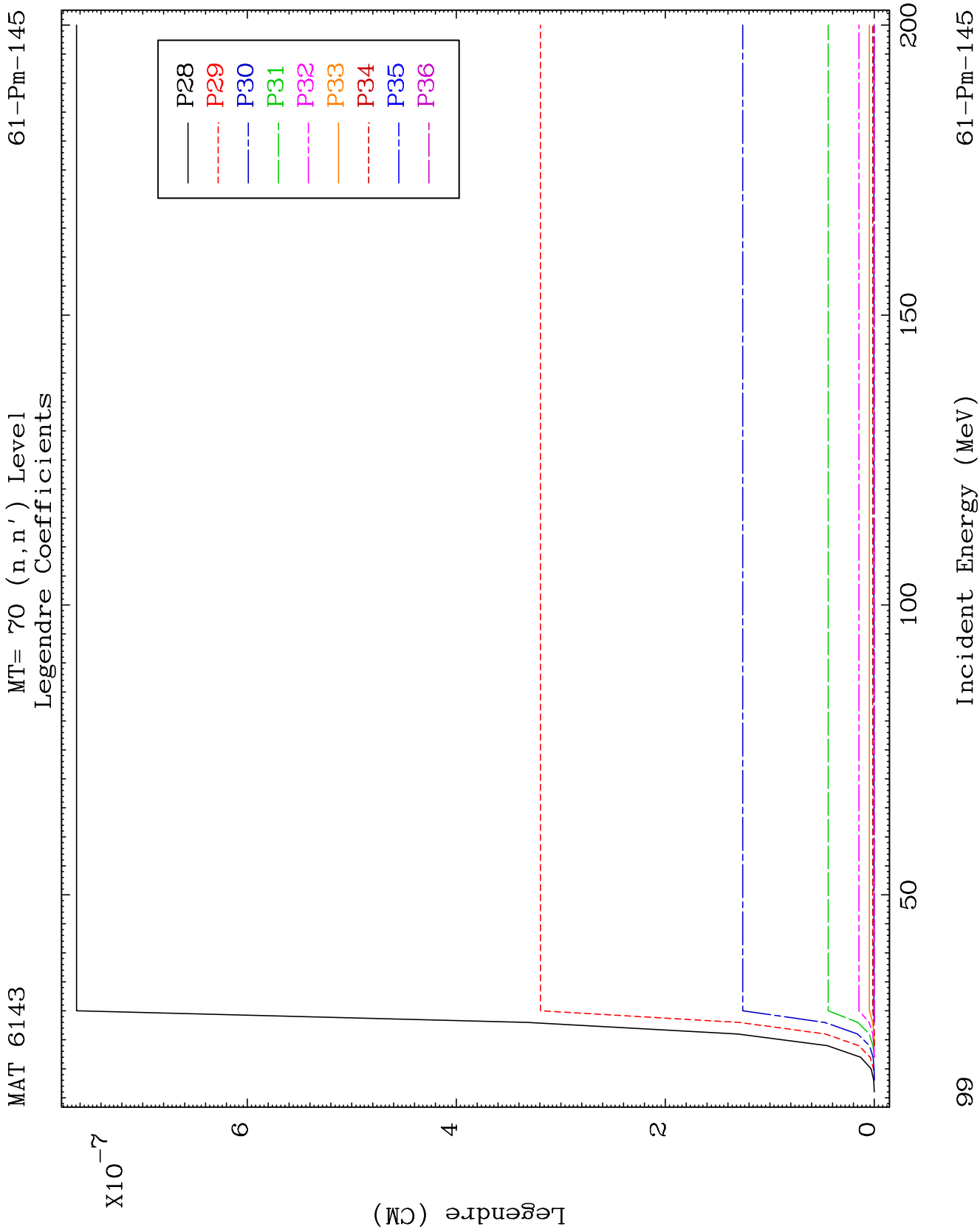
MT= 70 (n, n') Level  
Legendre Coefficients

61-Pm-145





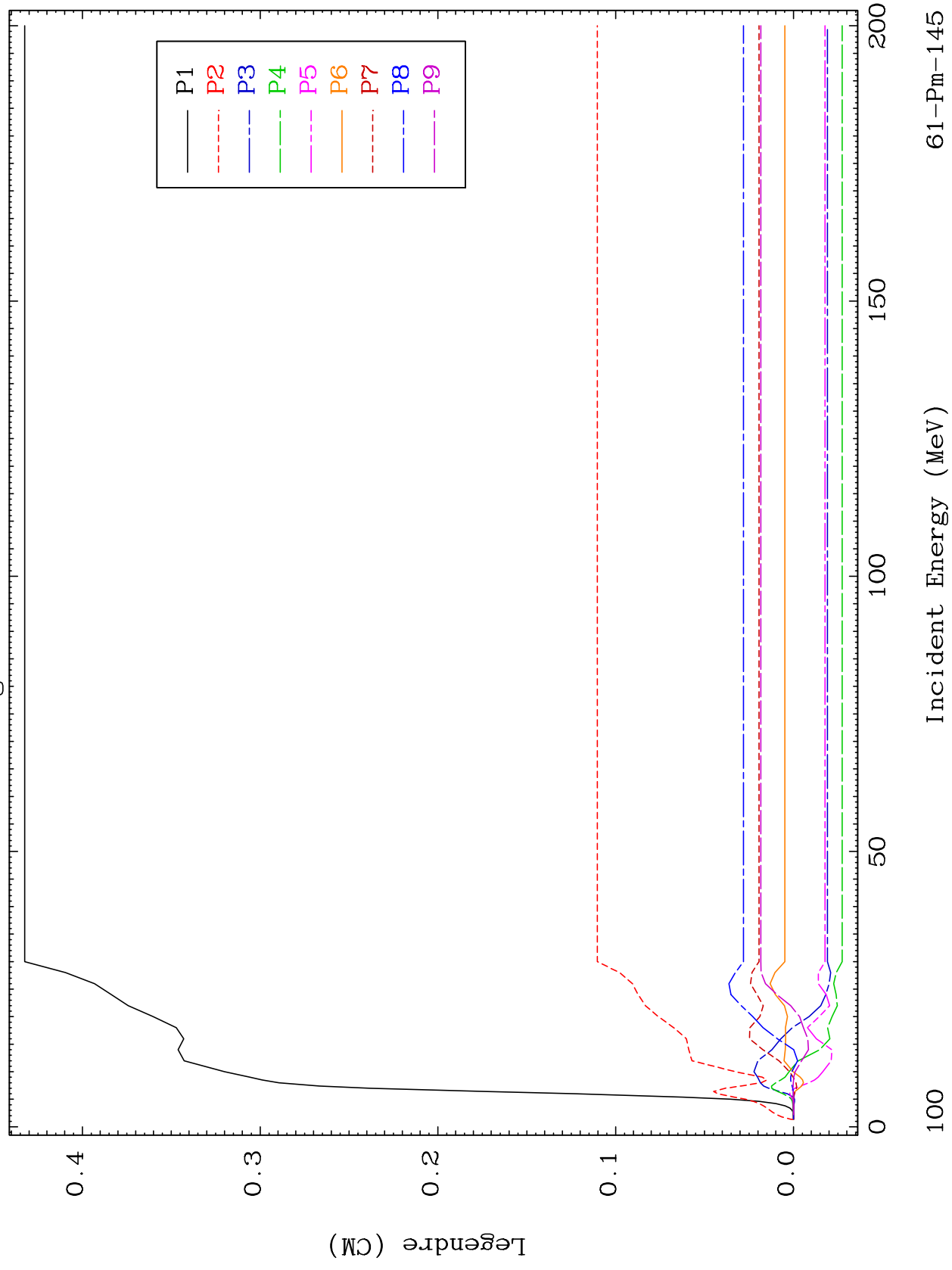




MAT 6143

MT= 71 (n, n') Level  
Legendre Coefficients

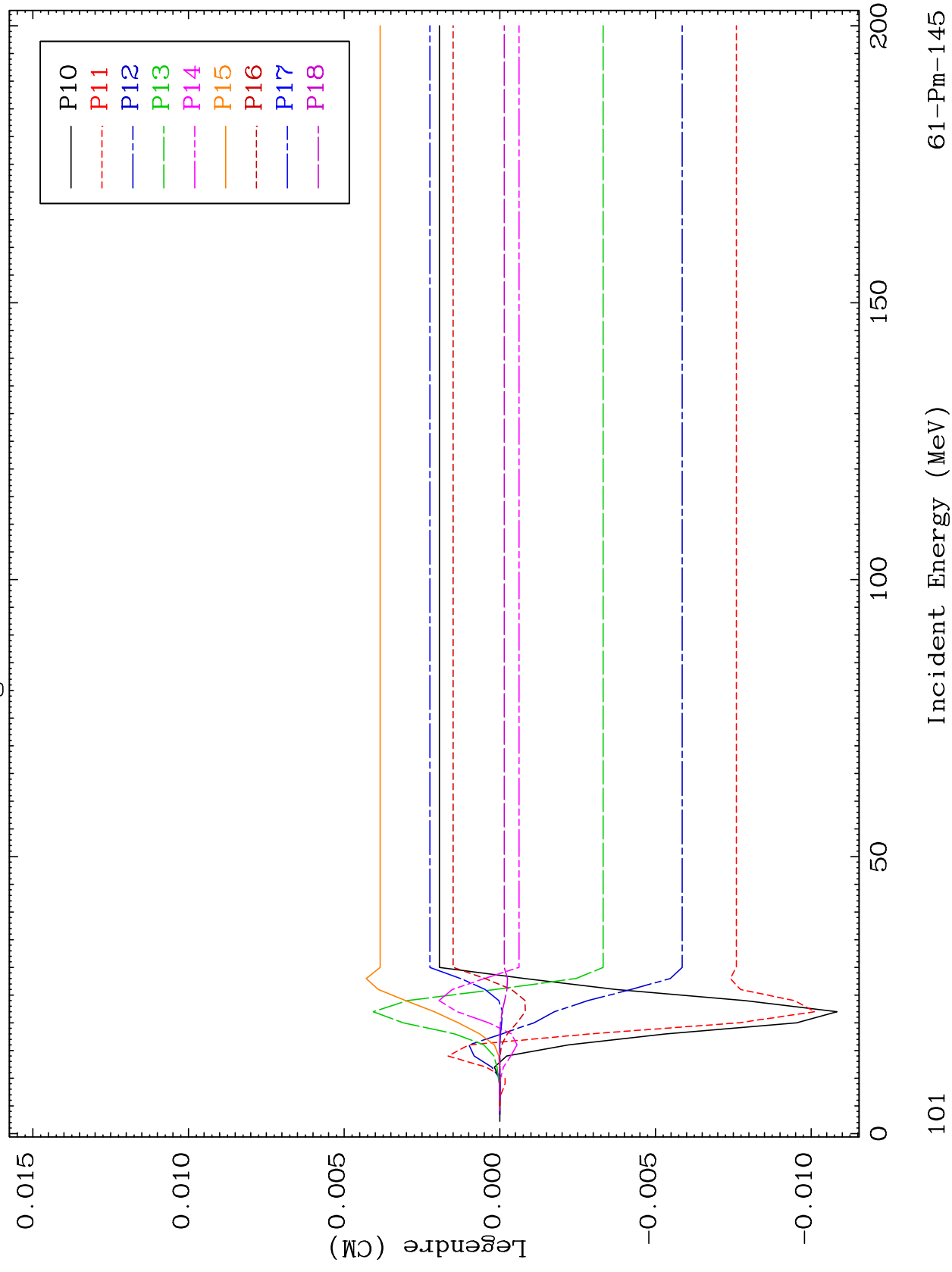
61-Pm-145

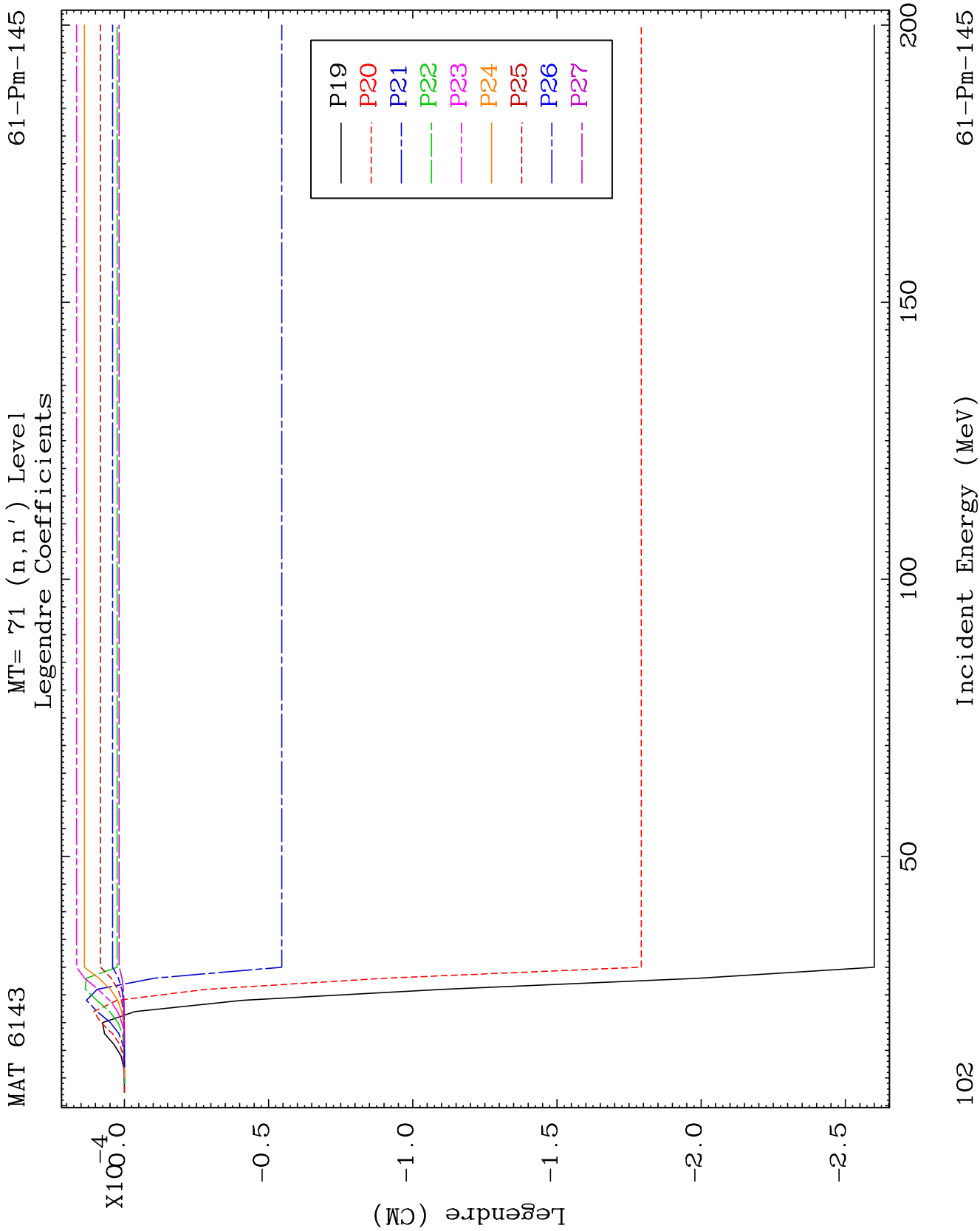


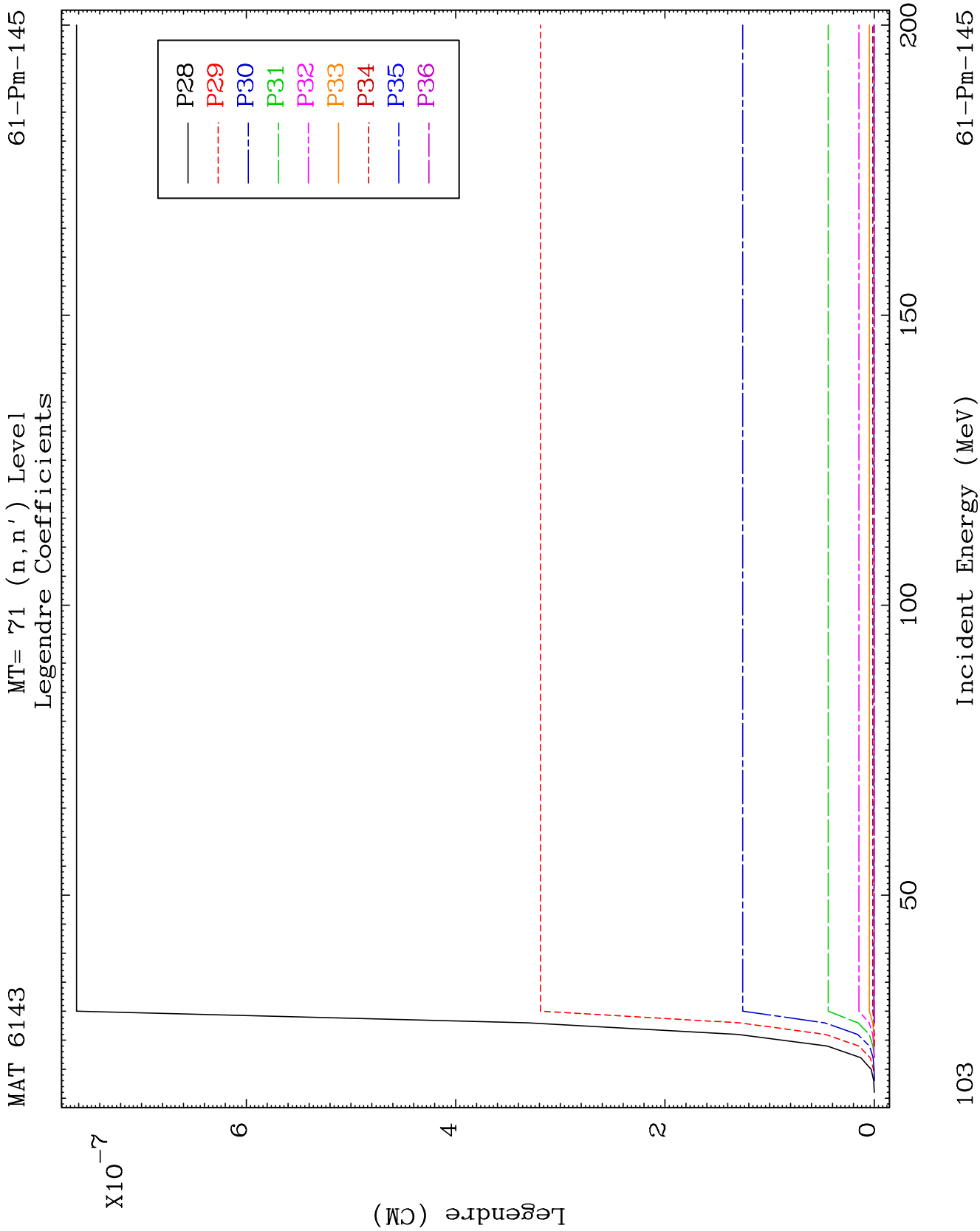
MAT 6143

MT= 71 (n, n') Level  
Legendre Coefficients

61-Pm-145



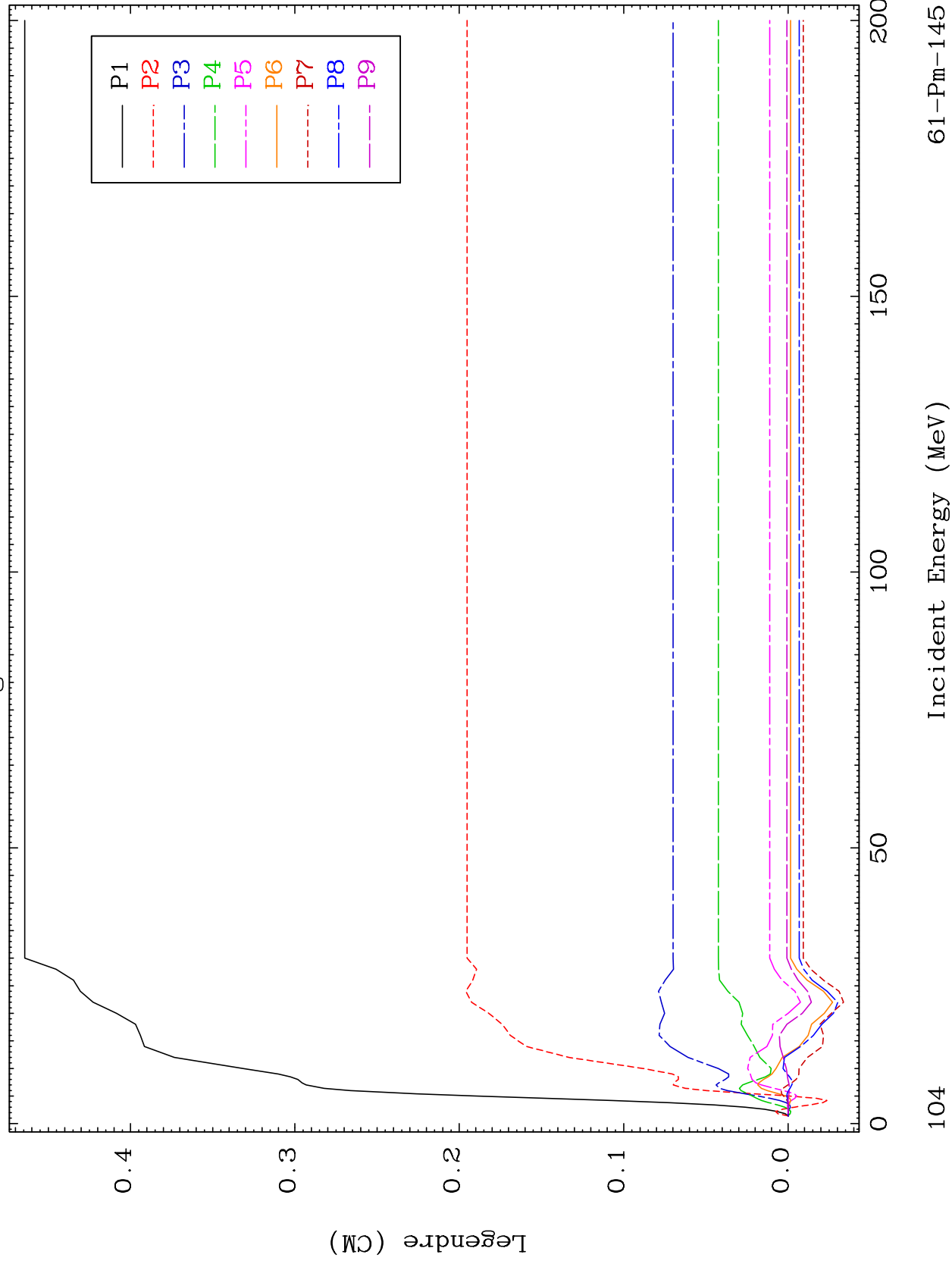




MAT 6143

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

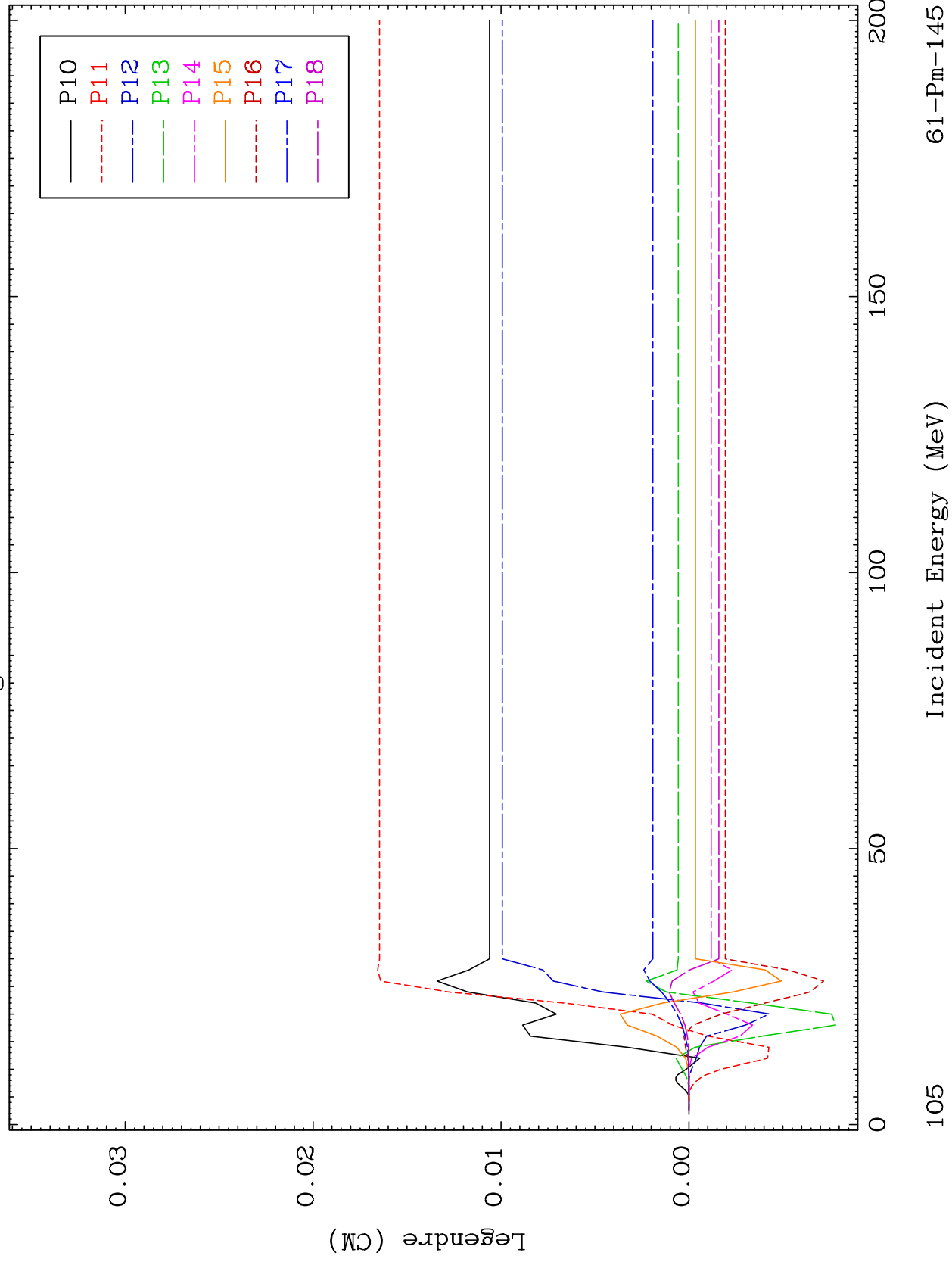
61-Pm-145

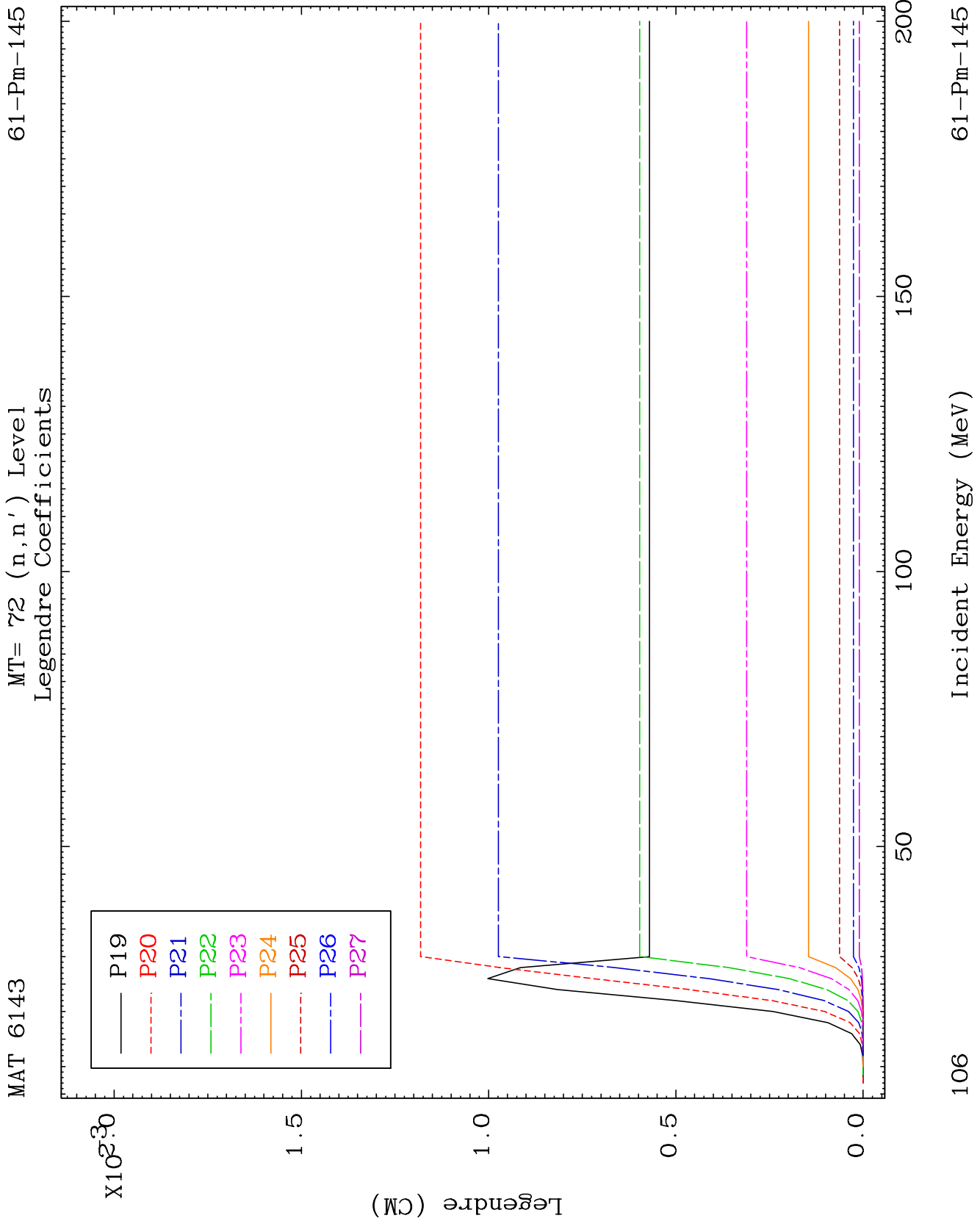


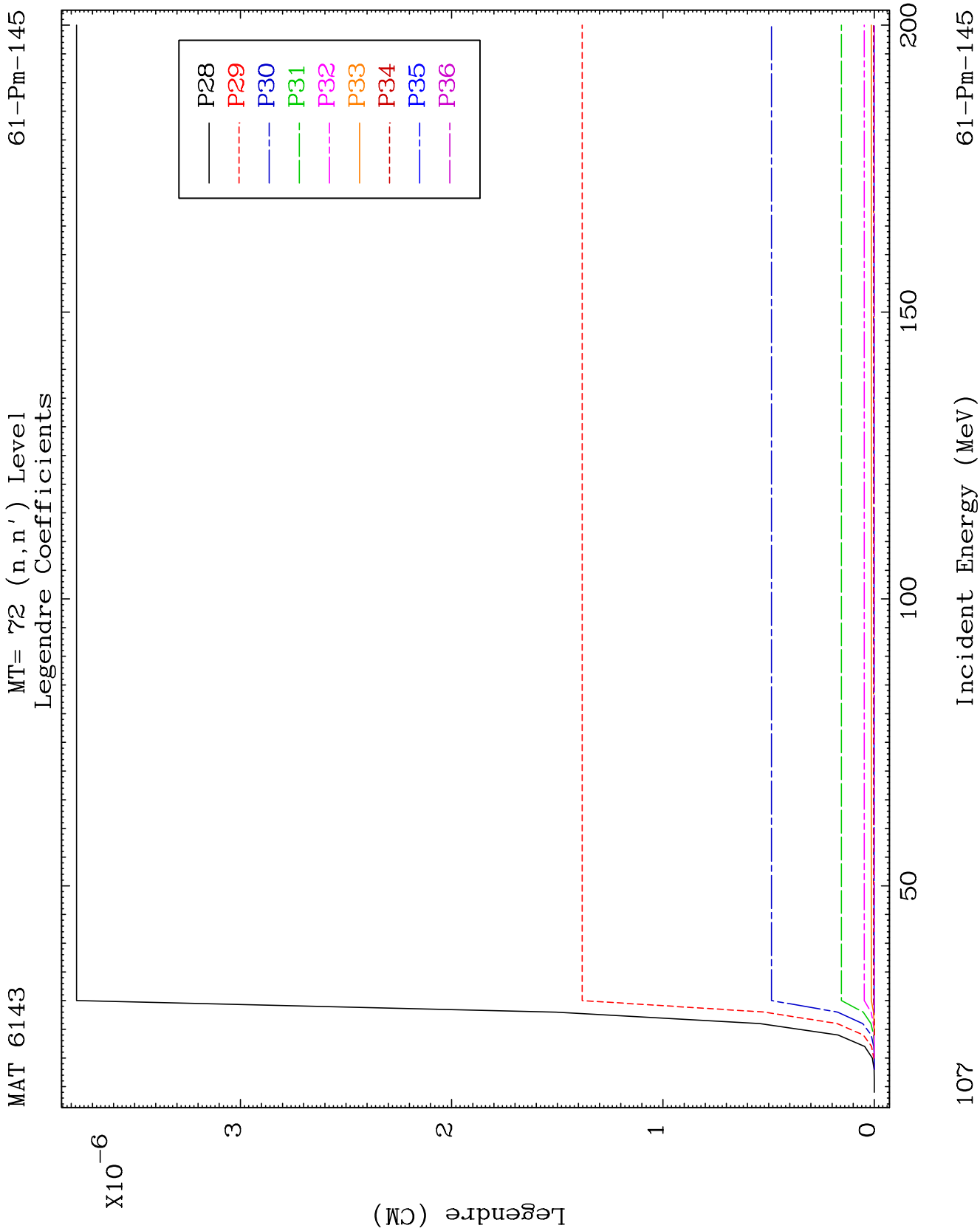
MAT 6143

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

61-Pm-145



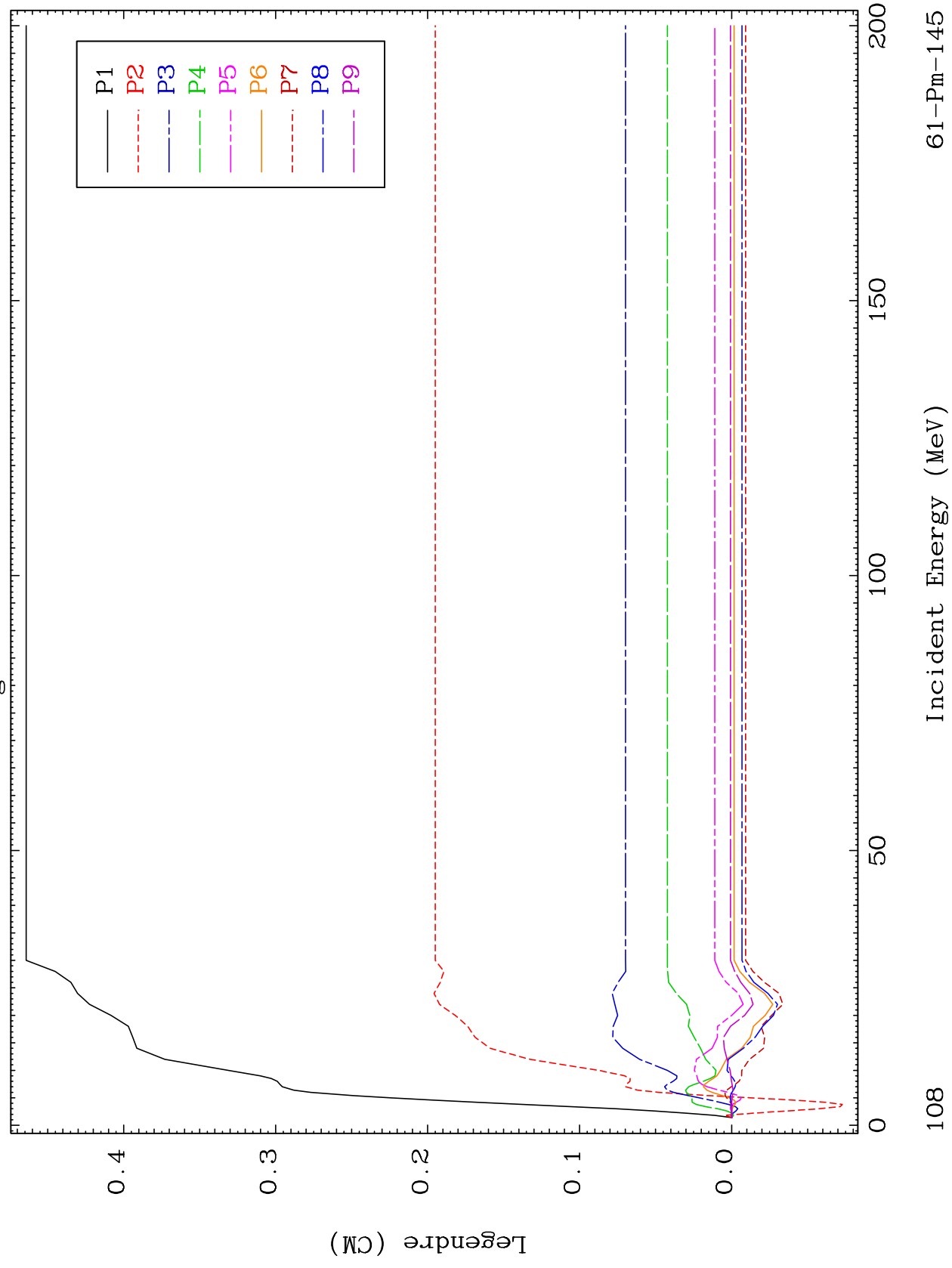




MAT 6143

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

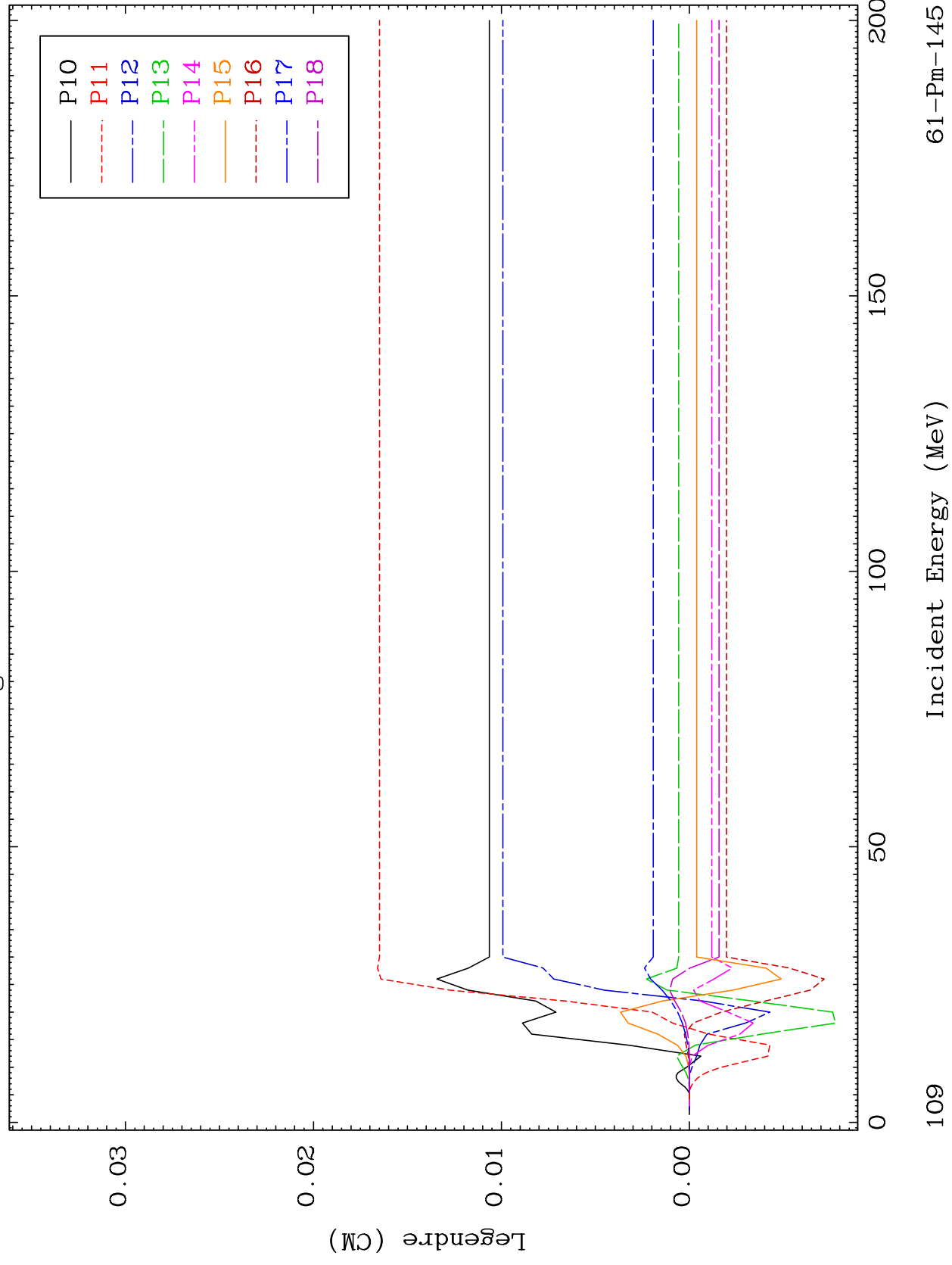
61-Pm-145

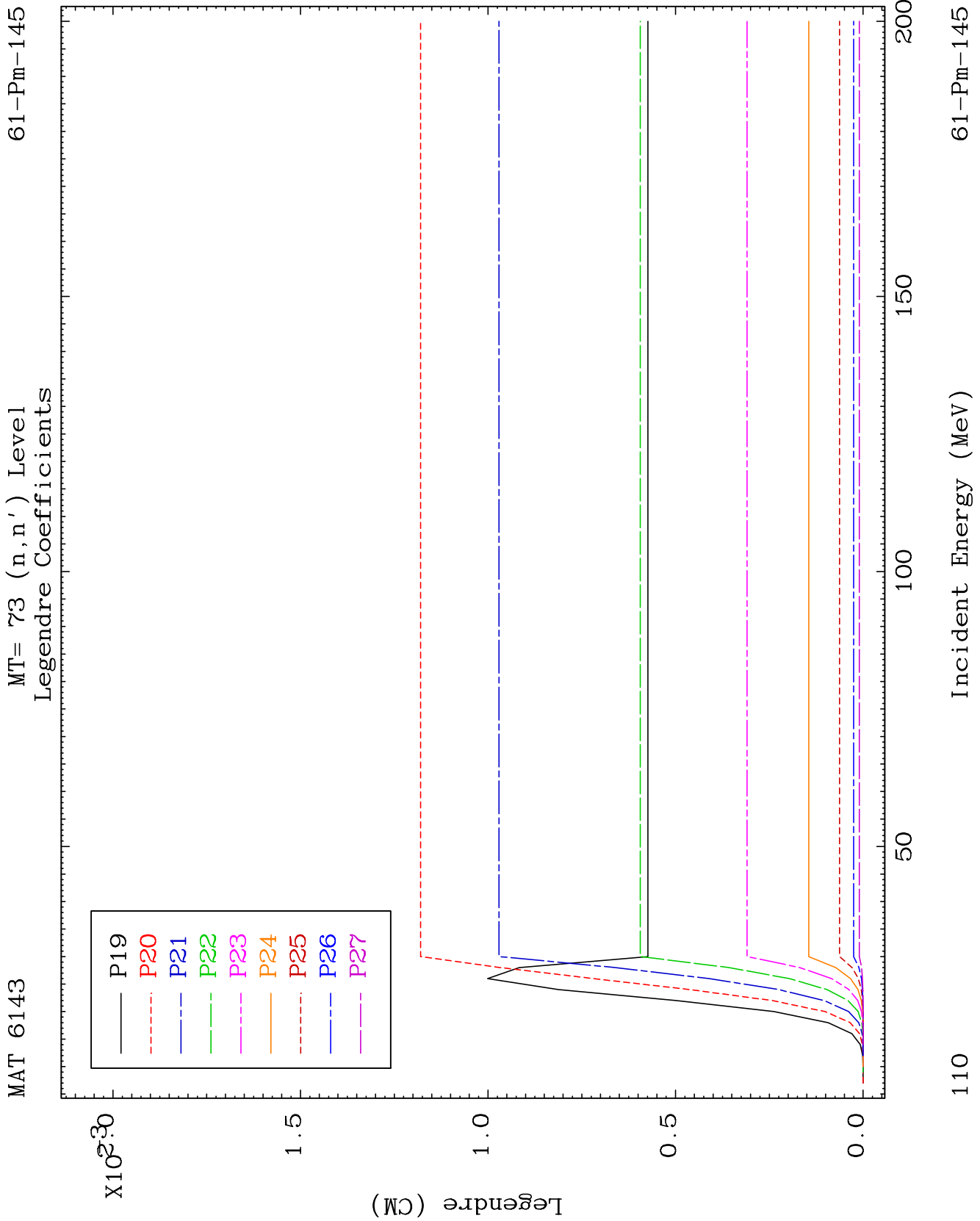


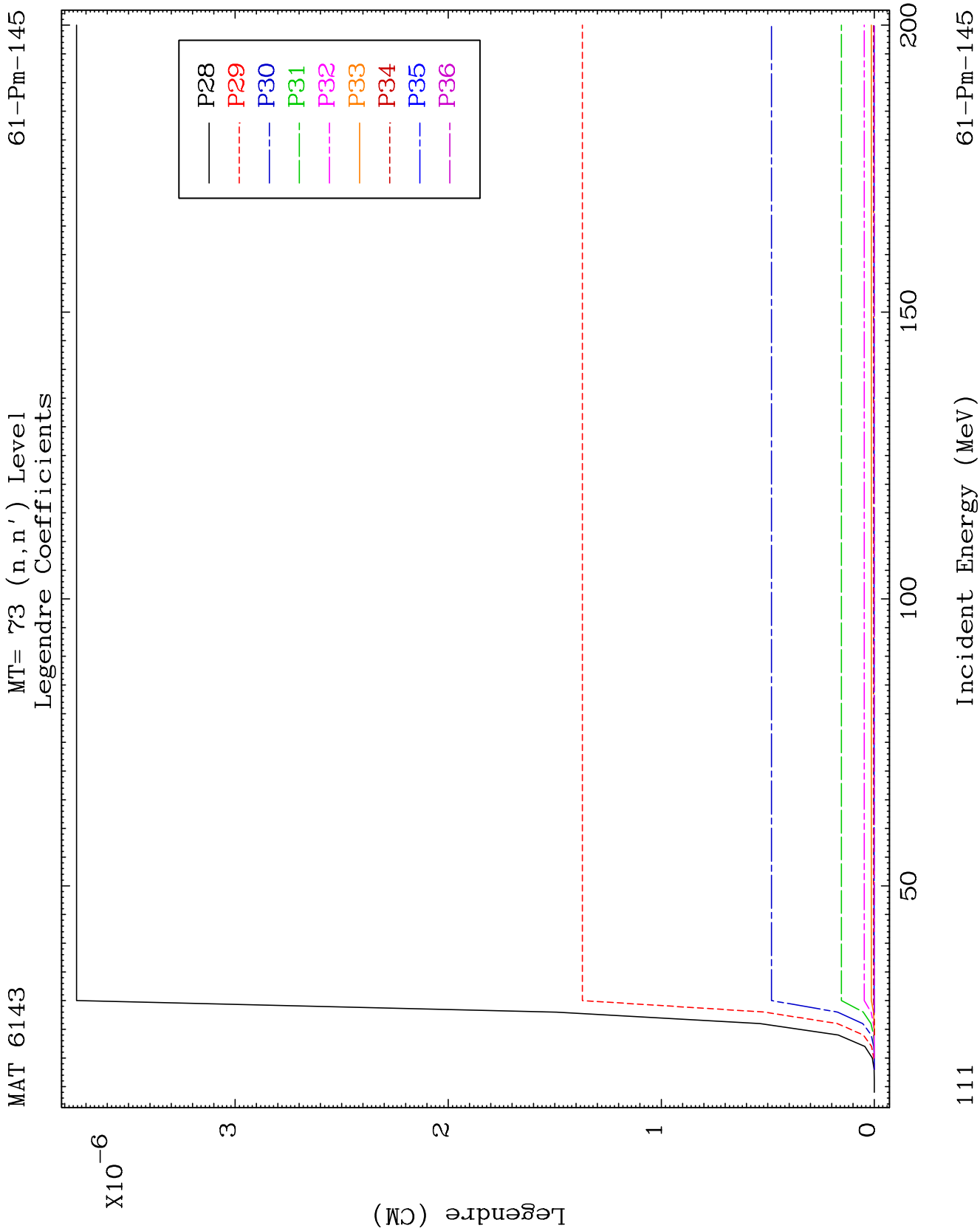
MAT 6143

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

61-Pm-145



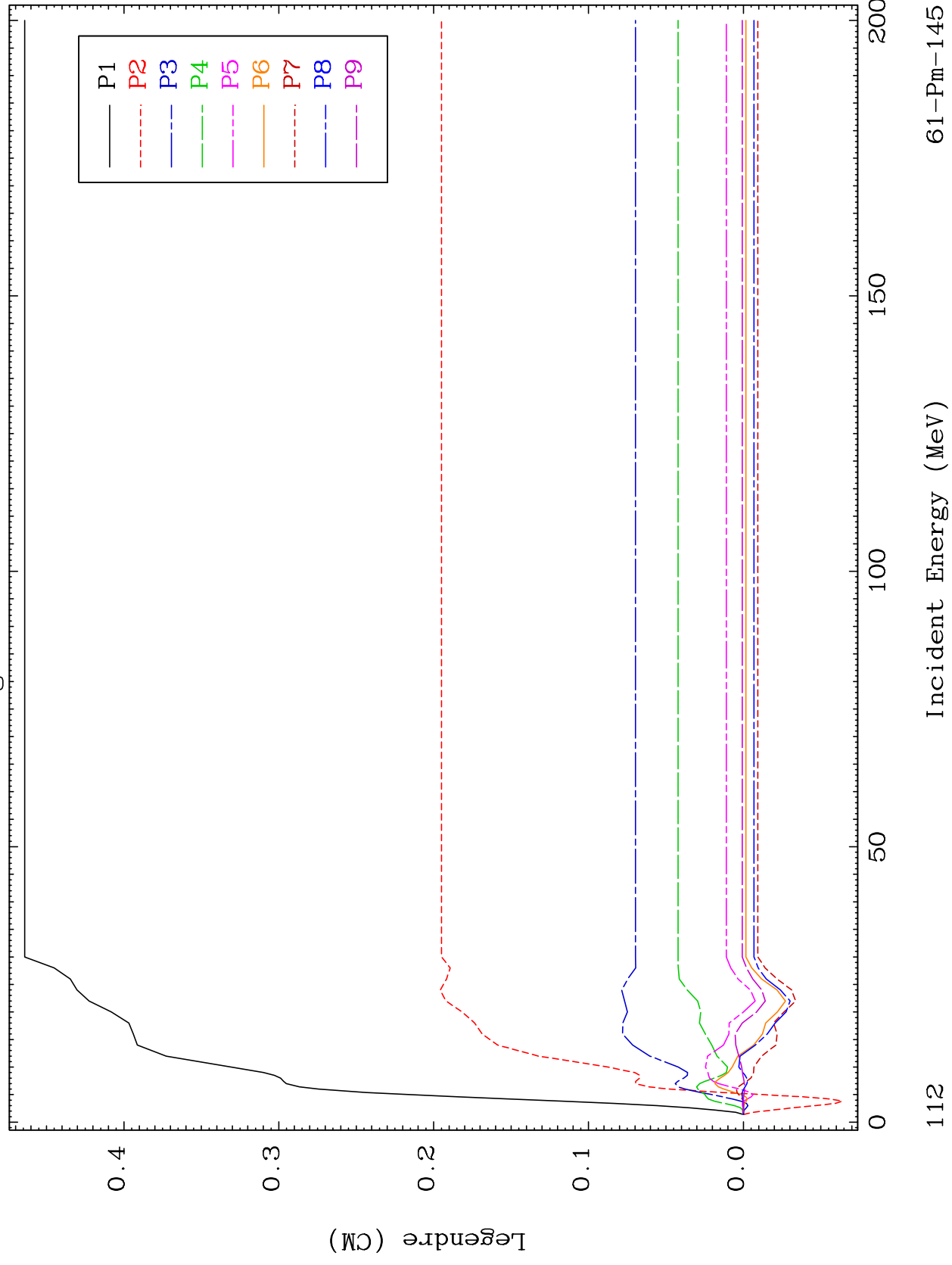


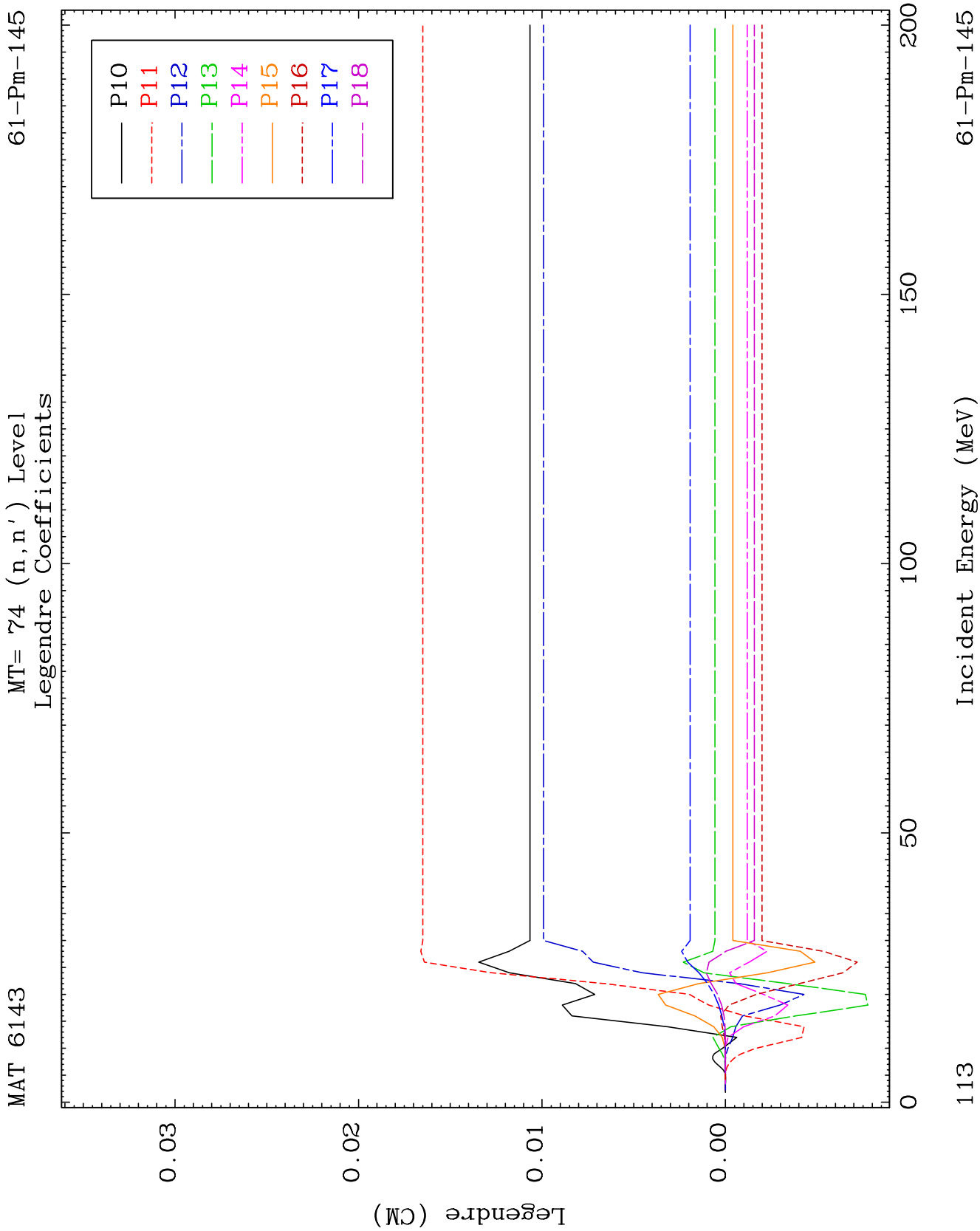


MAT 6143

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

61-Pm-145

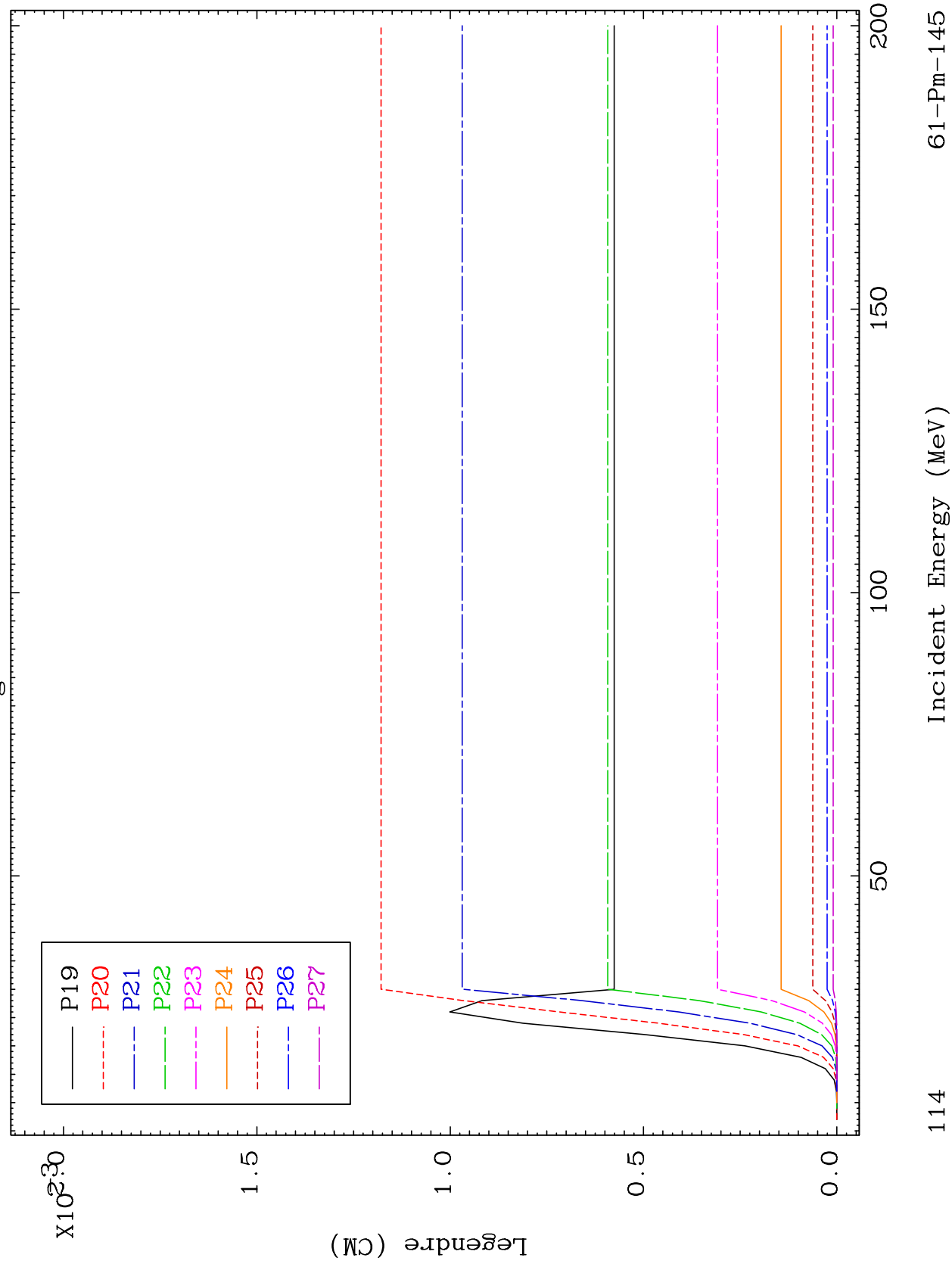


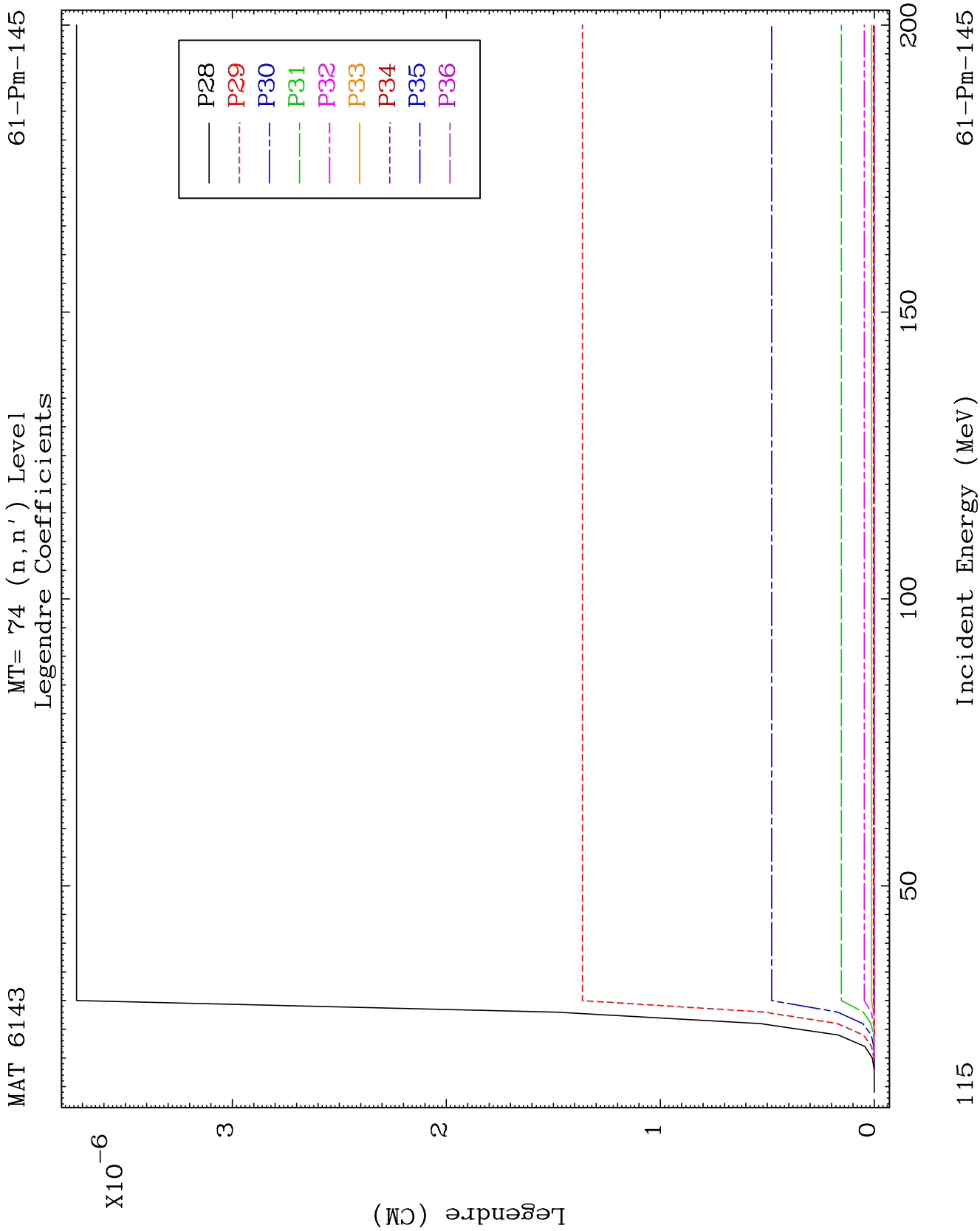


MAT 6143

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

61-Pm-145

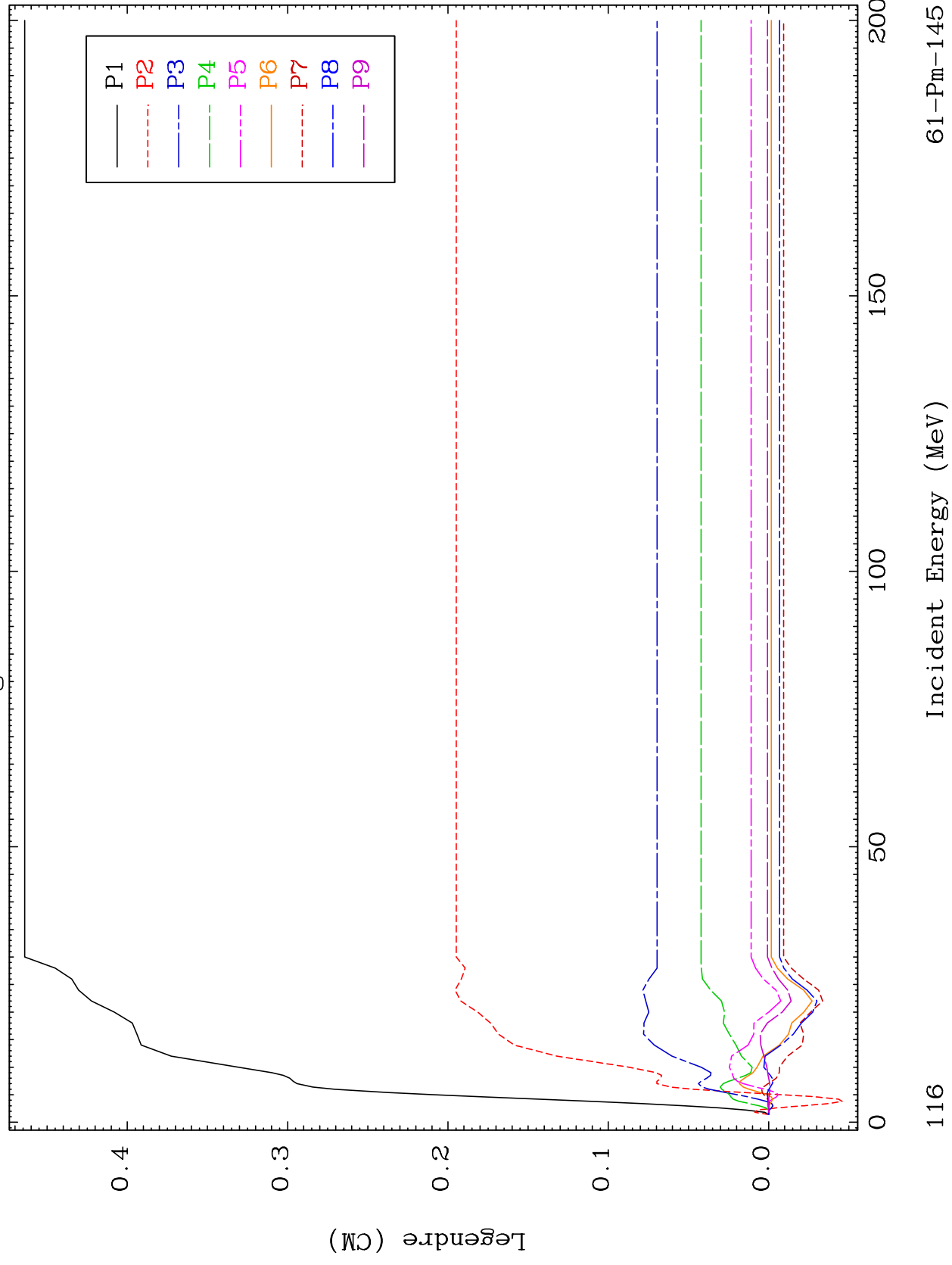




MAT 6143

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

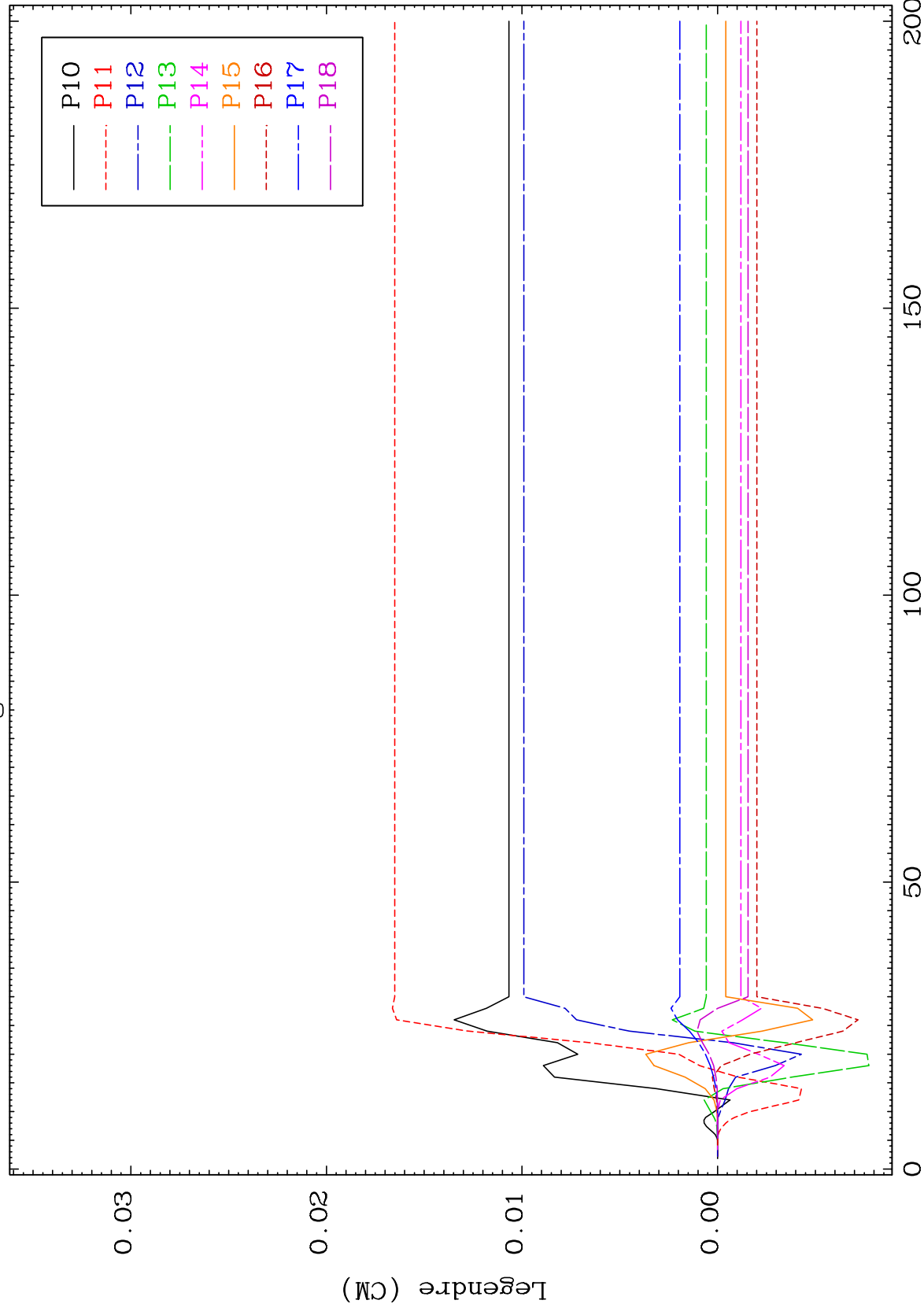
61-Pm-145



MAT 6143

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

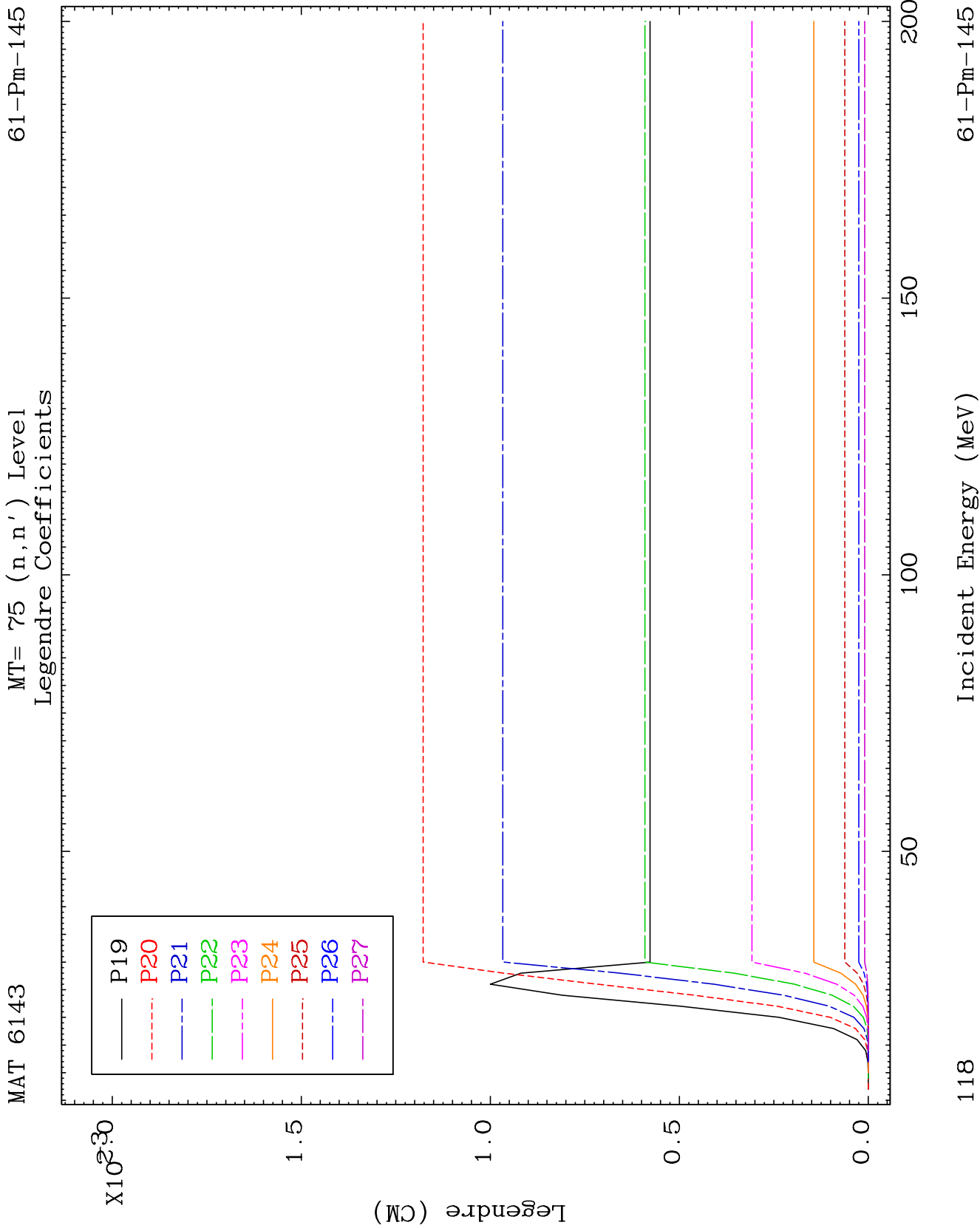
61-Pm-145

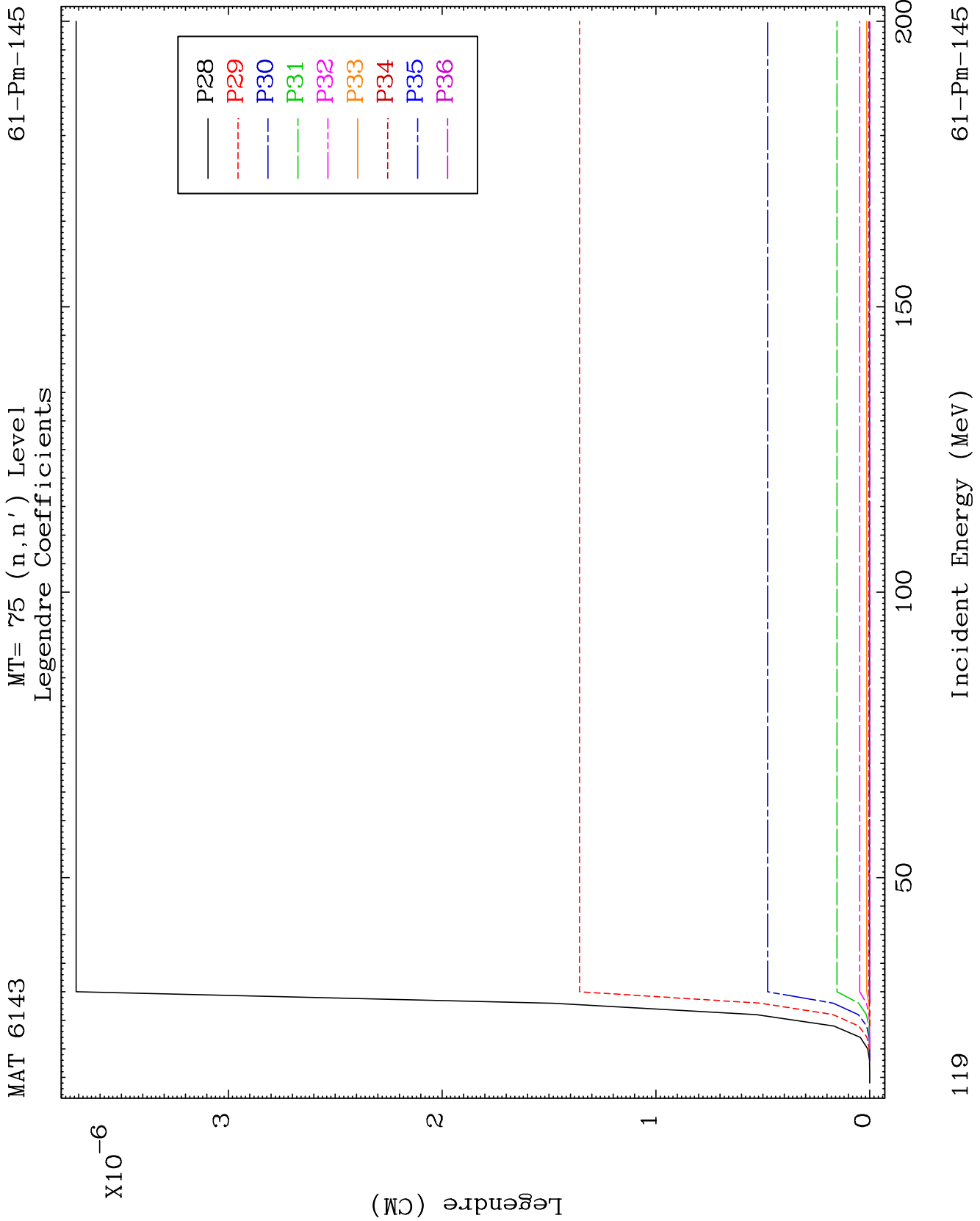


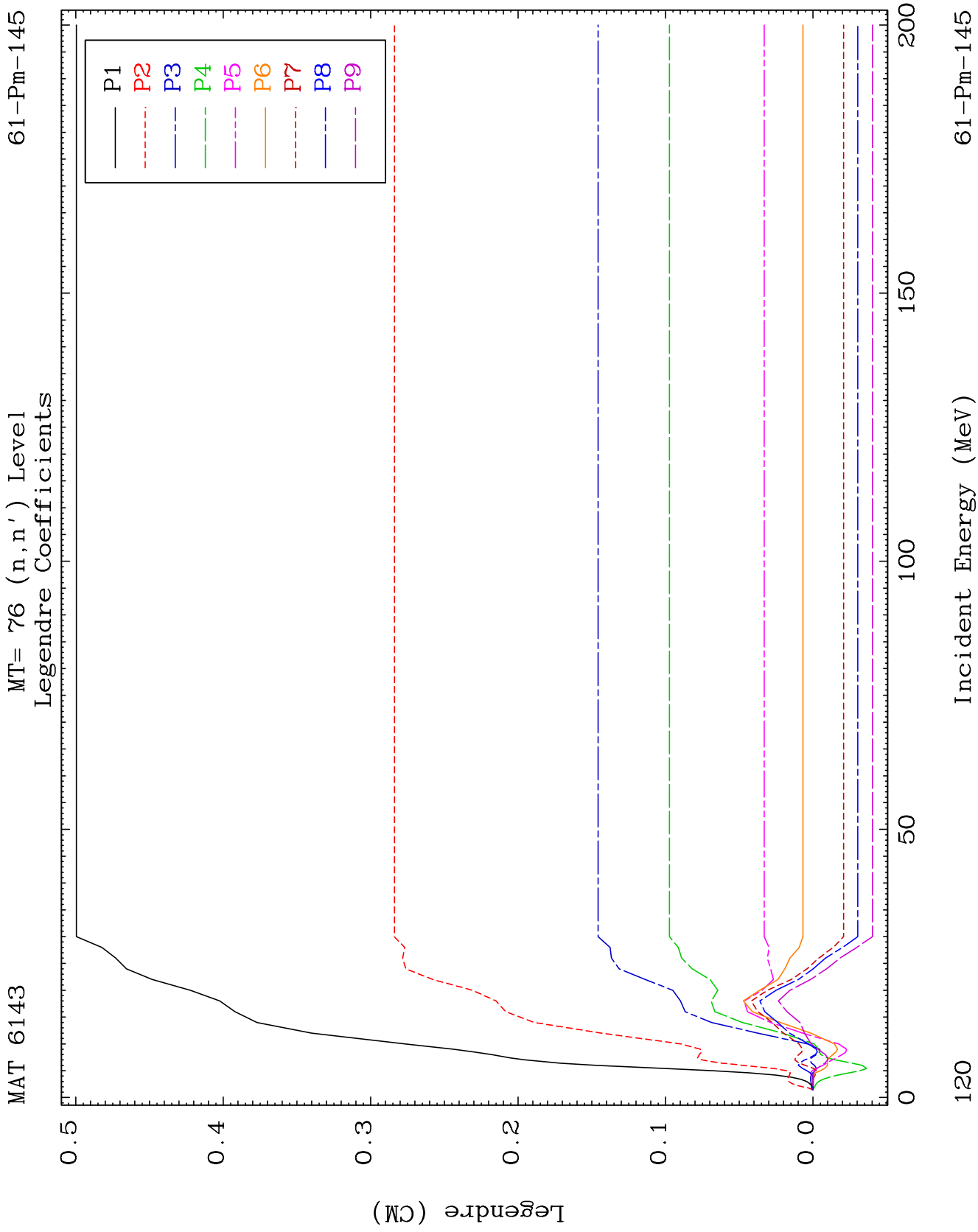
117

Incident Energy (MeV)

61-Pm-145



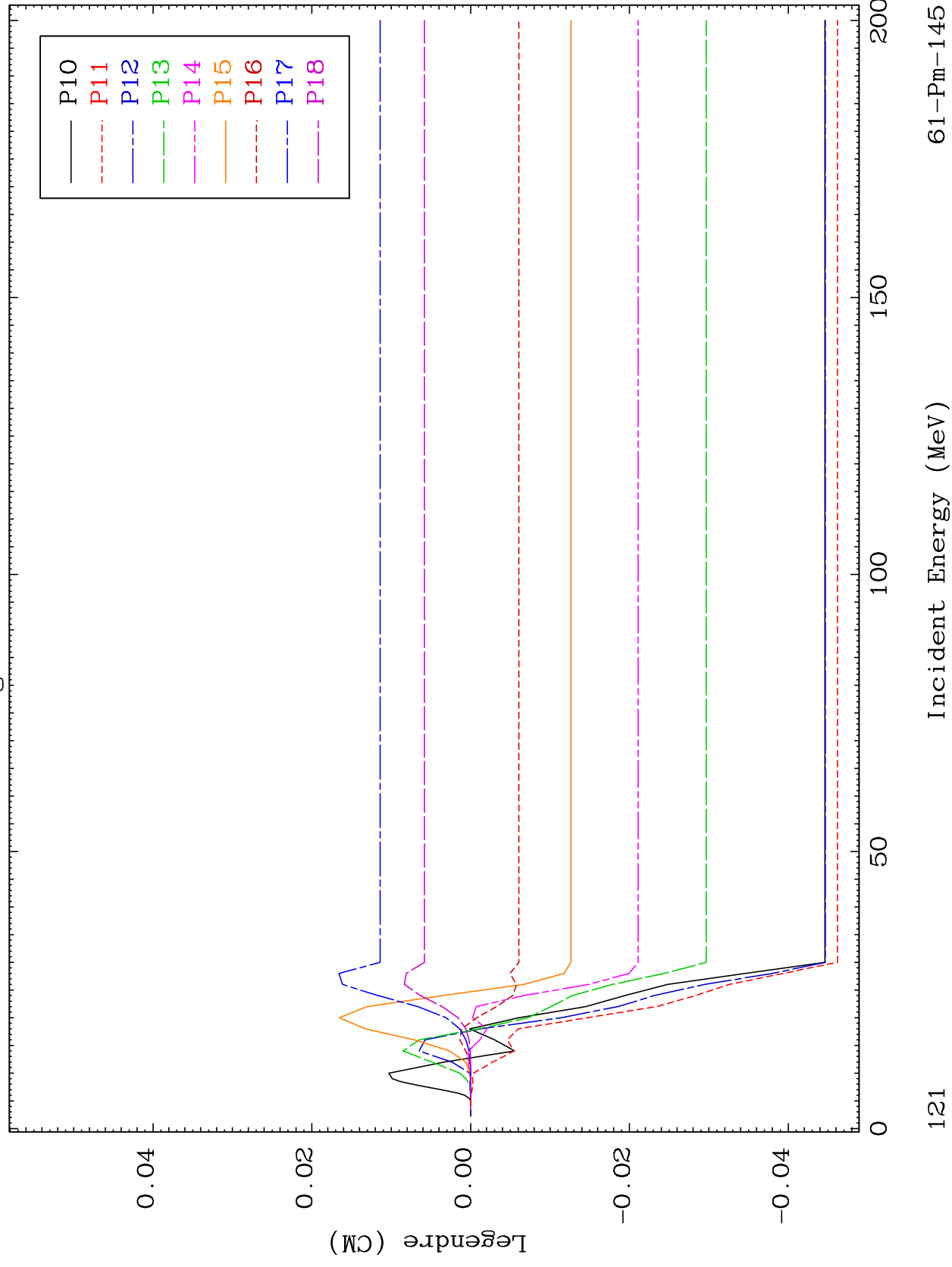




MAT 6143

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

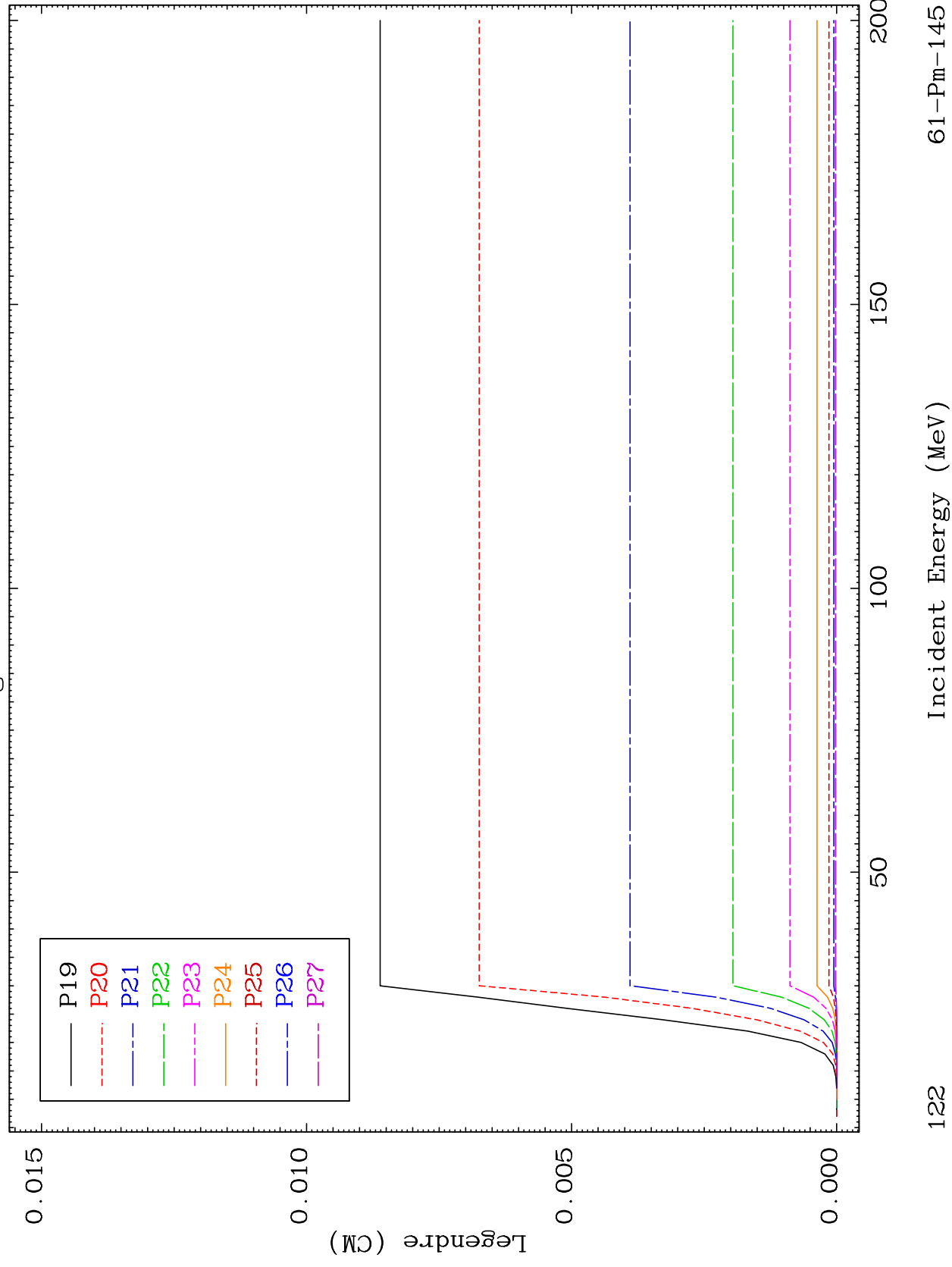
61-Pm-145

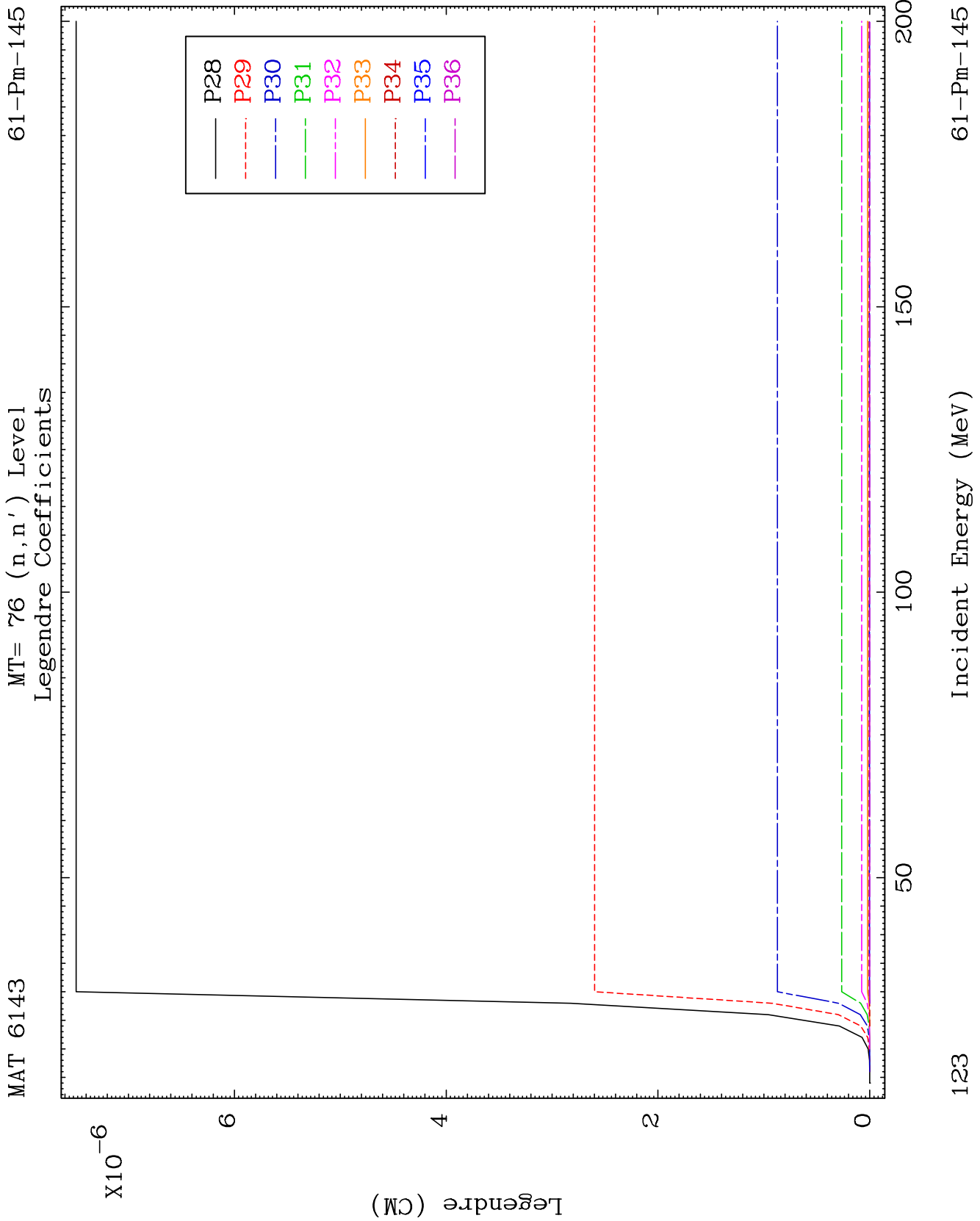


MAT 6143

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

61-Pm-145

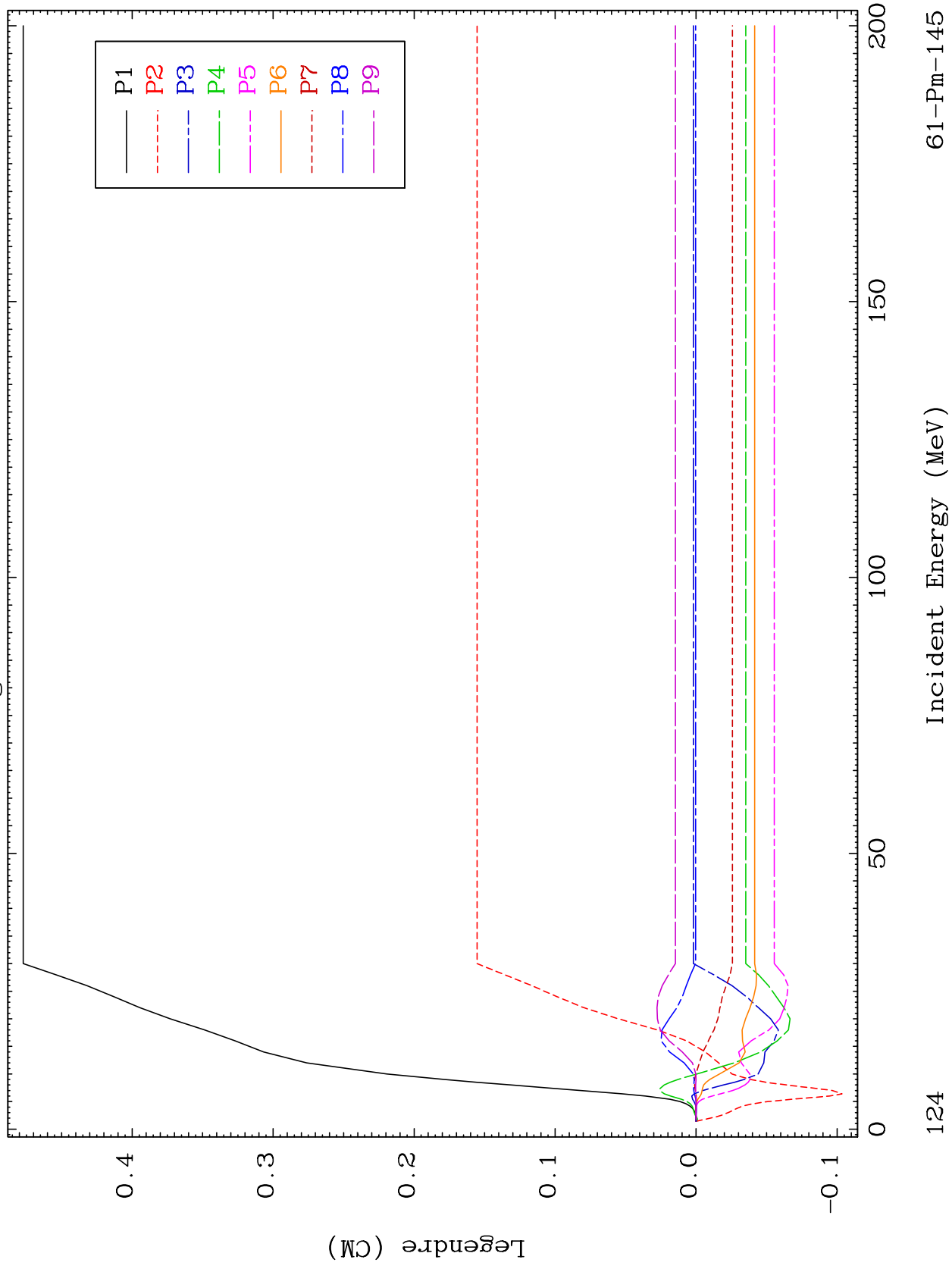




MAT 6143

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

61-Pm-145

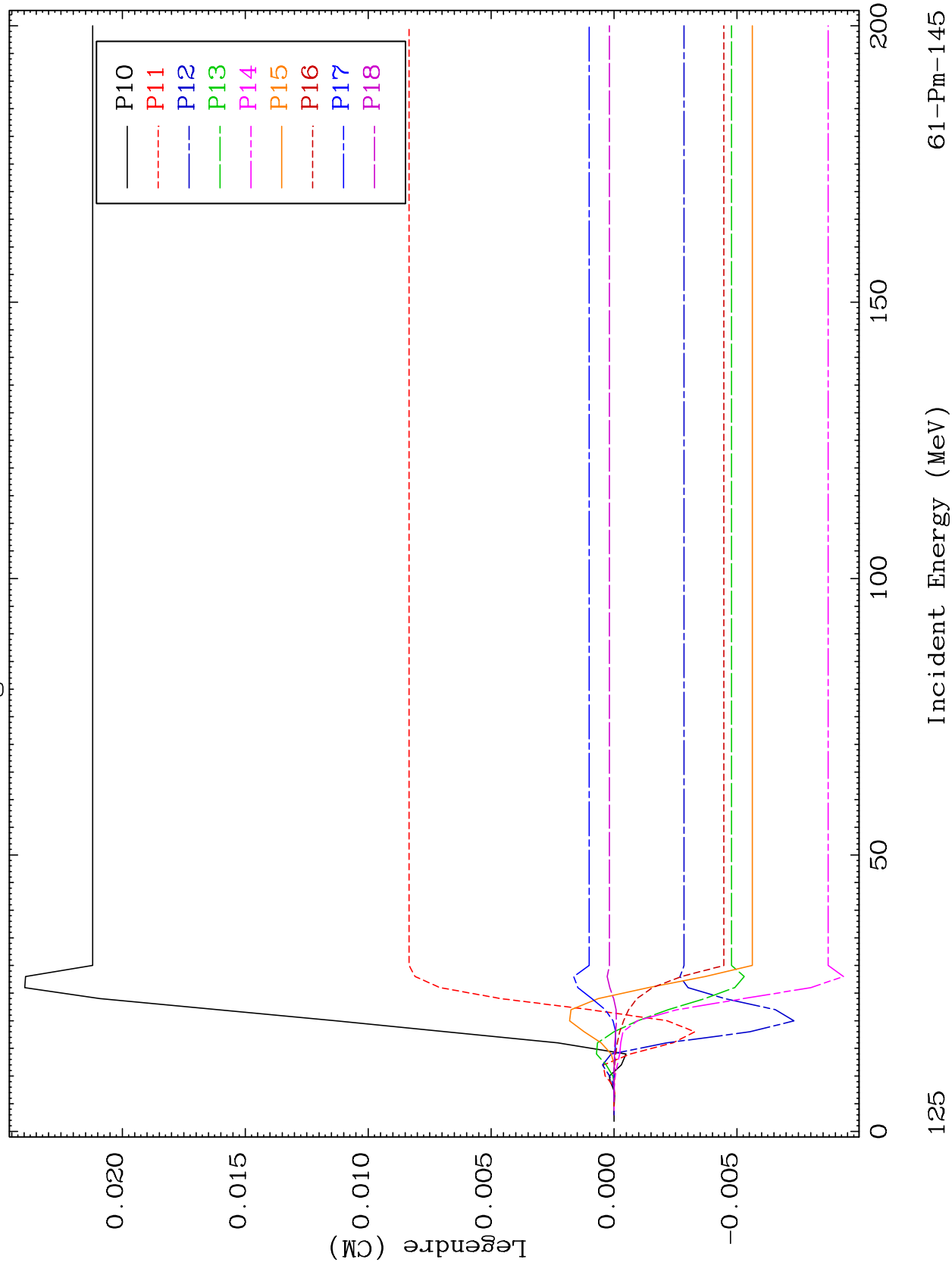


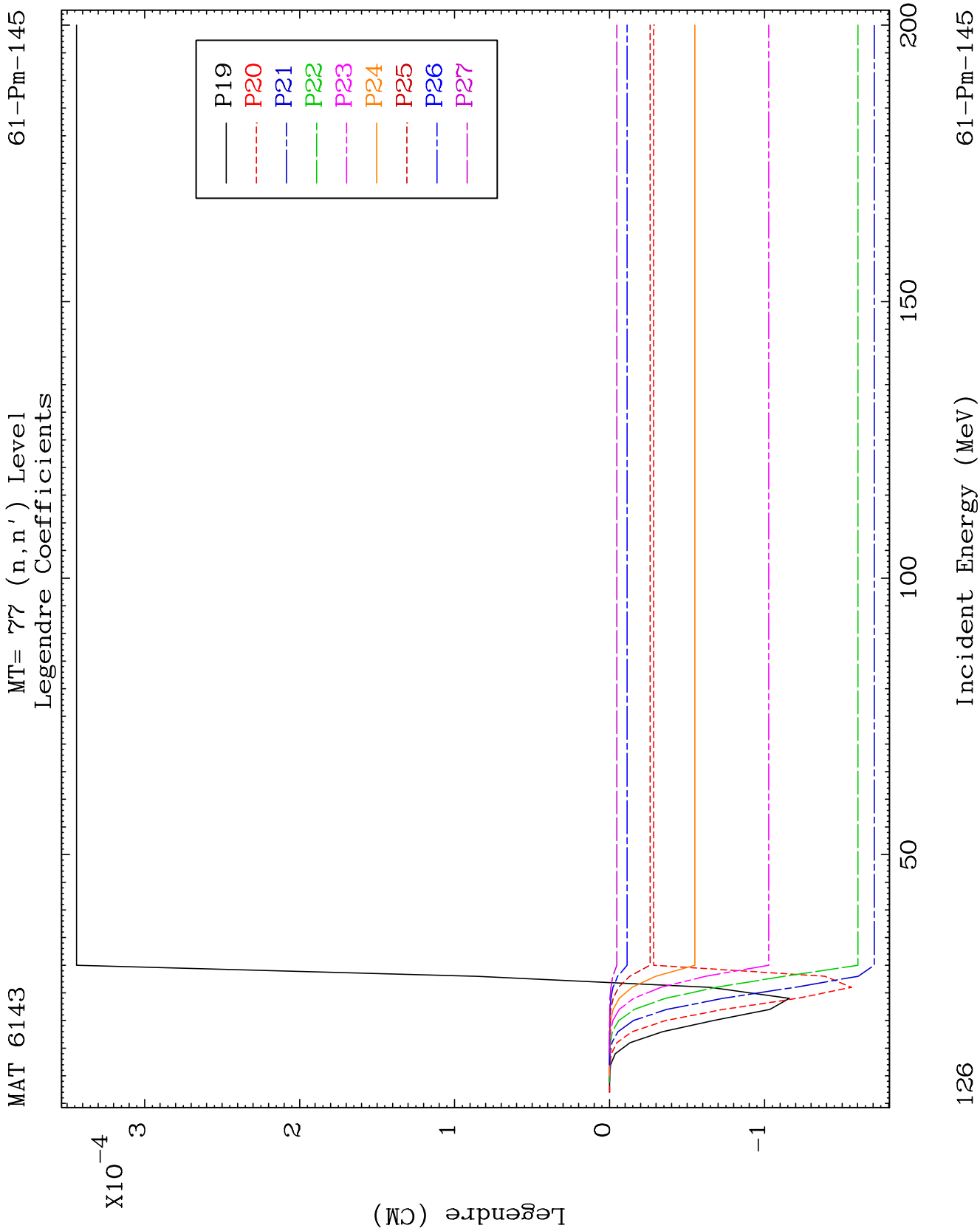
MAT 6143

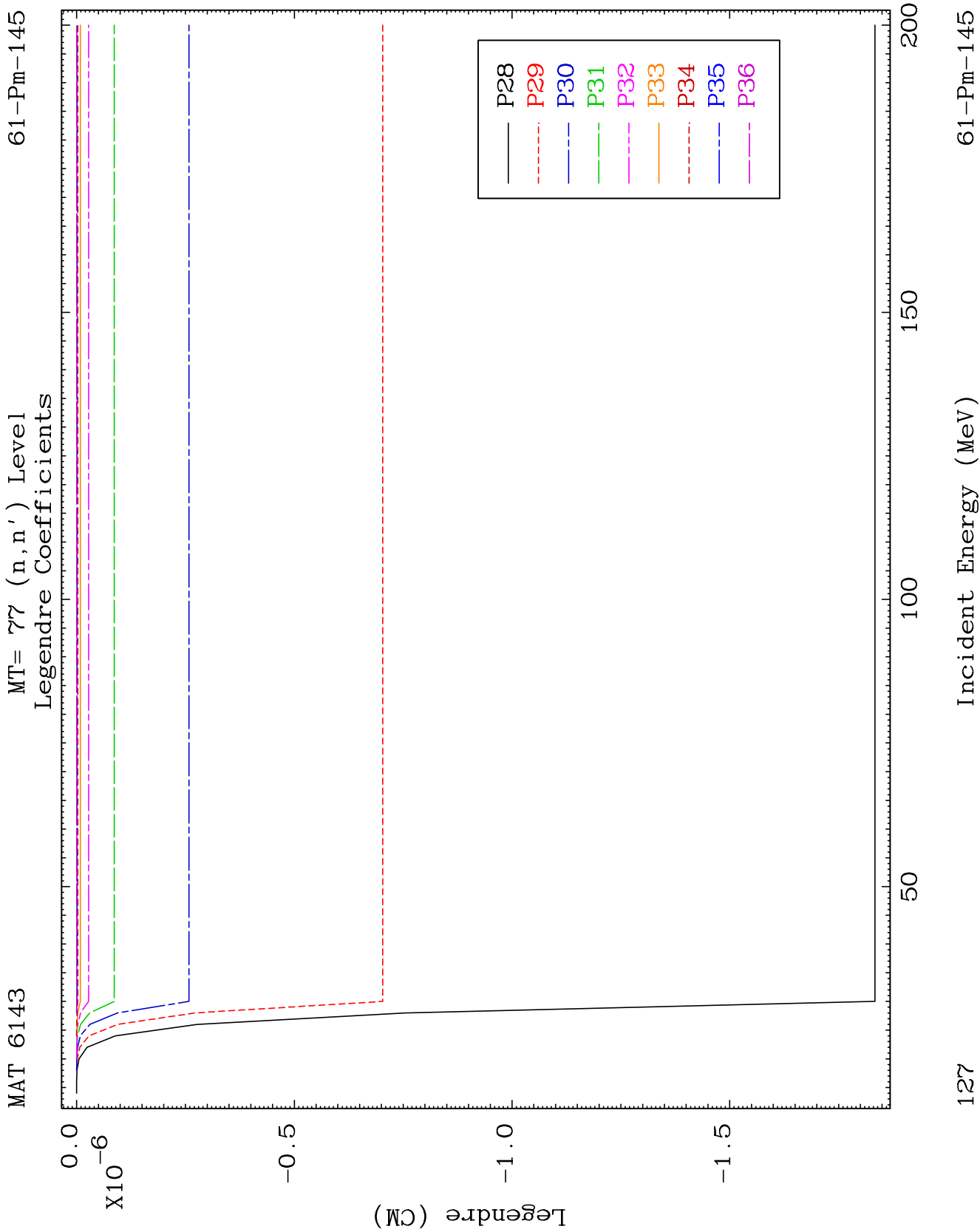
MT= $\gamma\gamma$  (n, n') Level

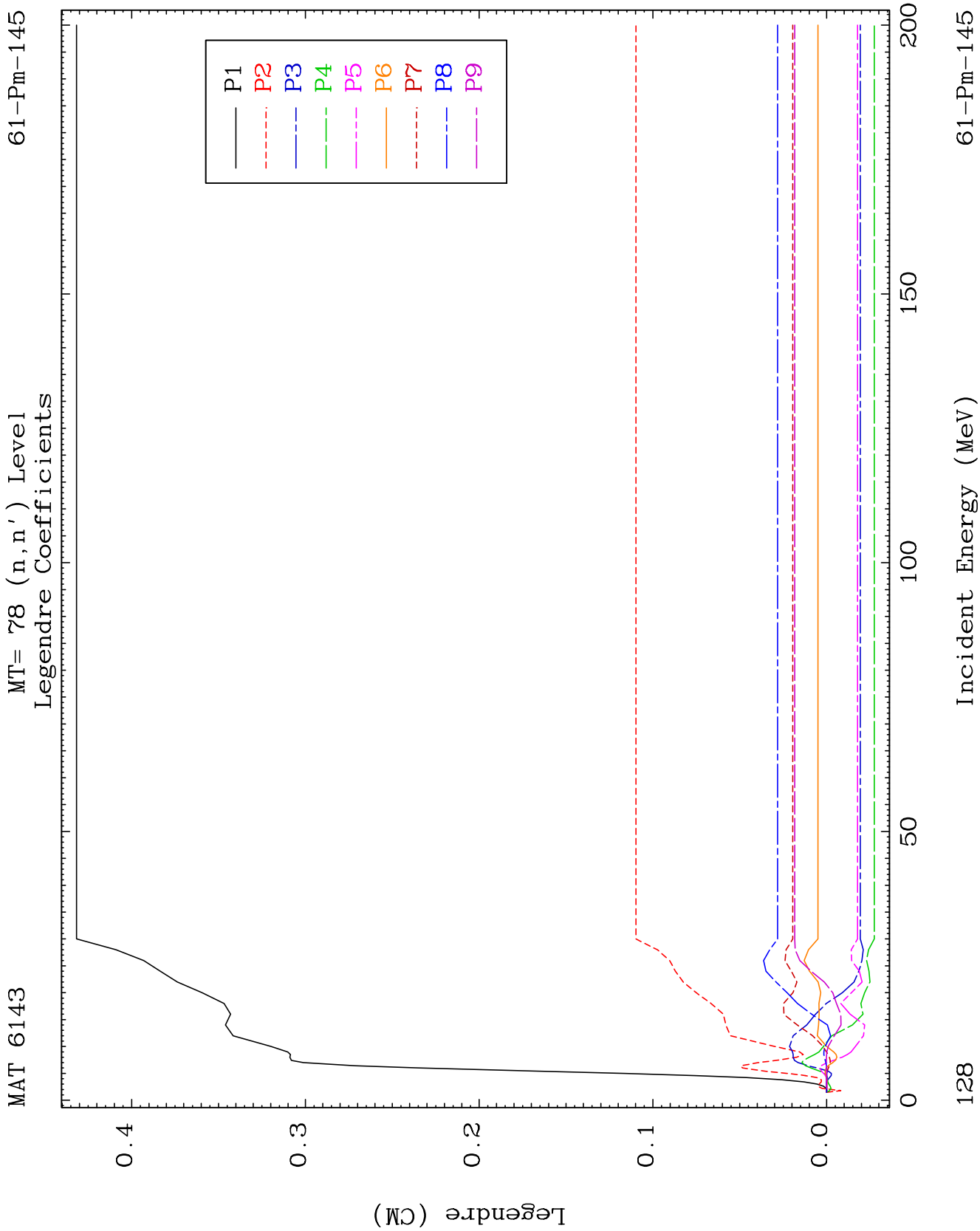
61-Pm-145

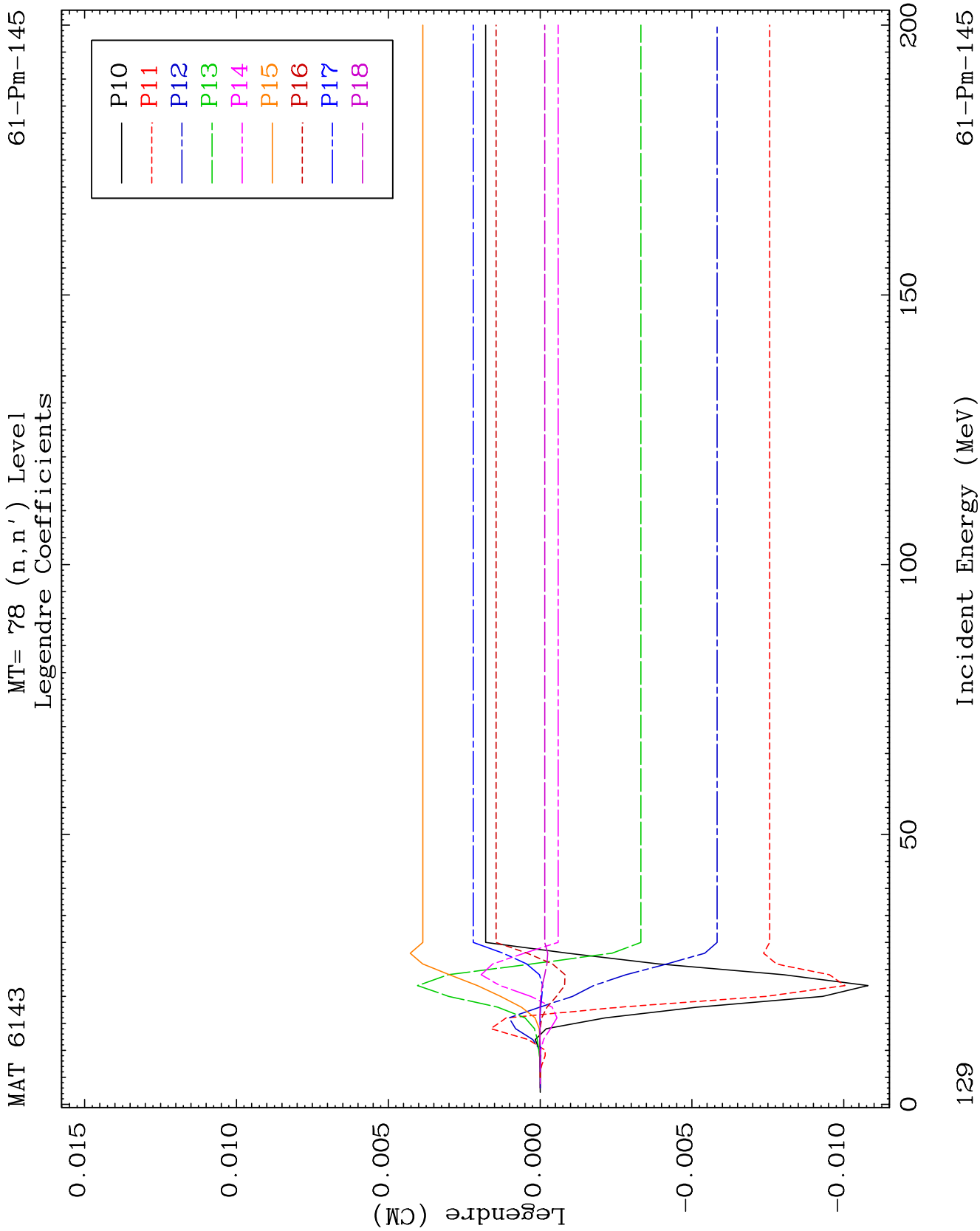
### Legendre Coefficients

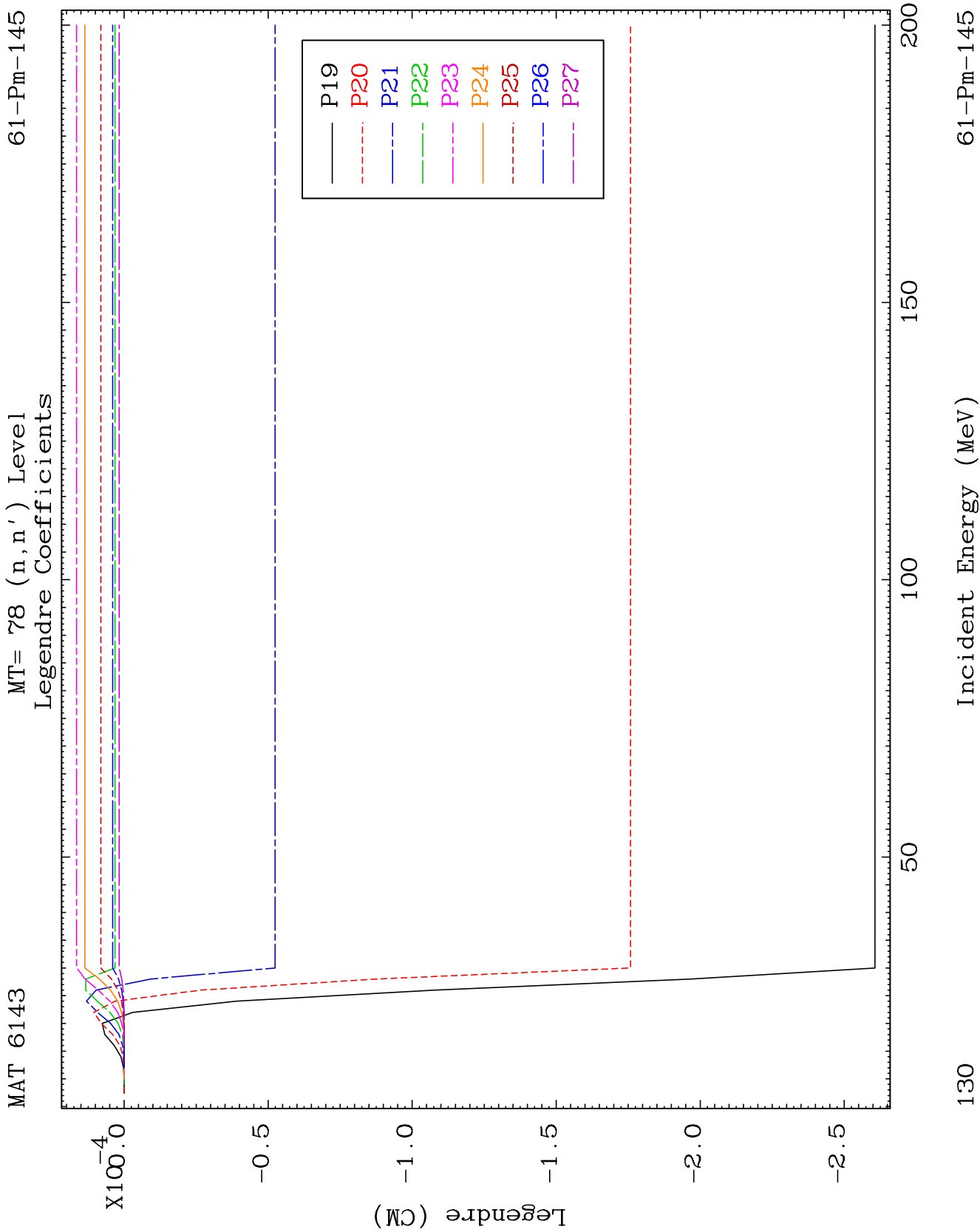


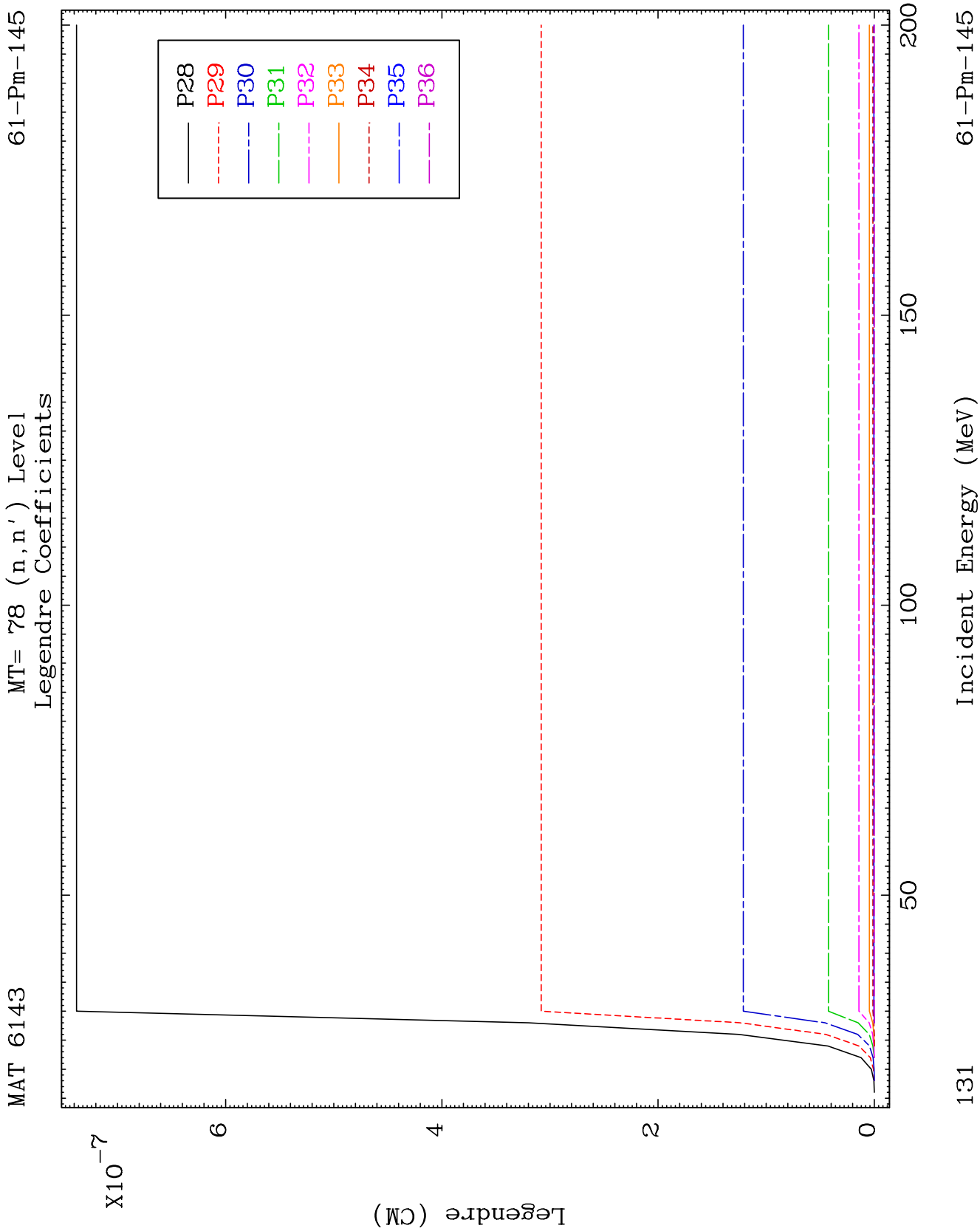


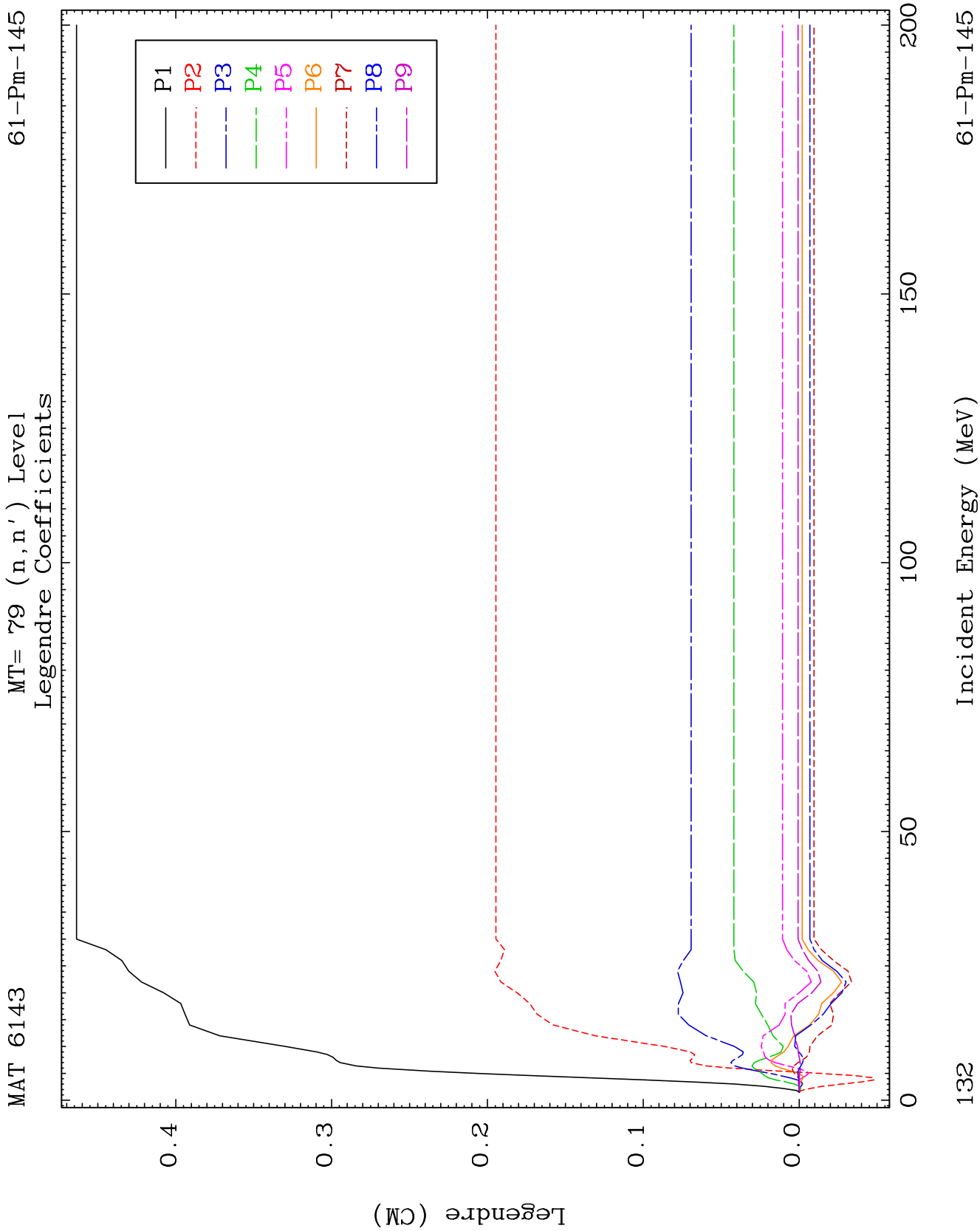




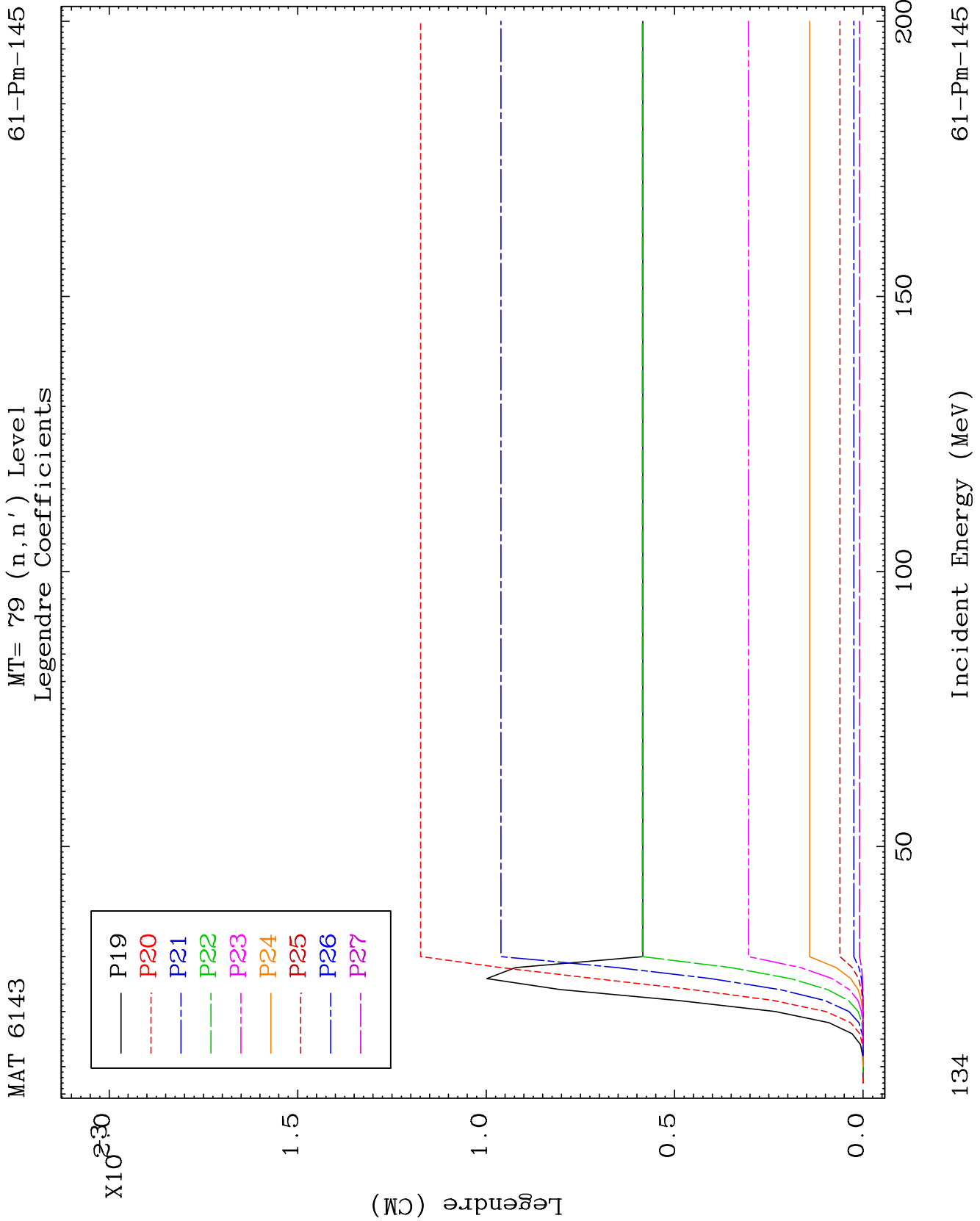


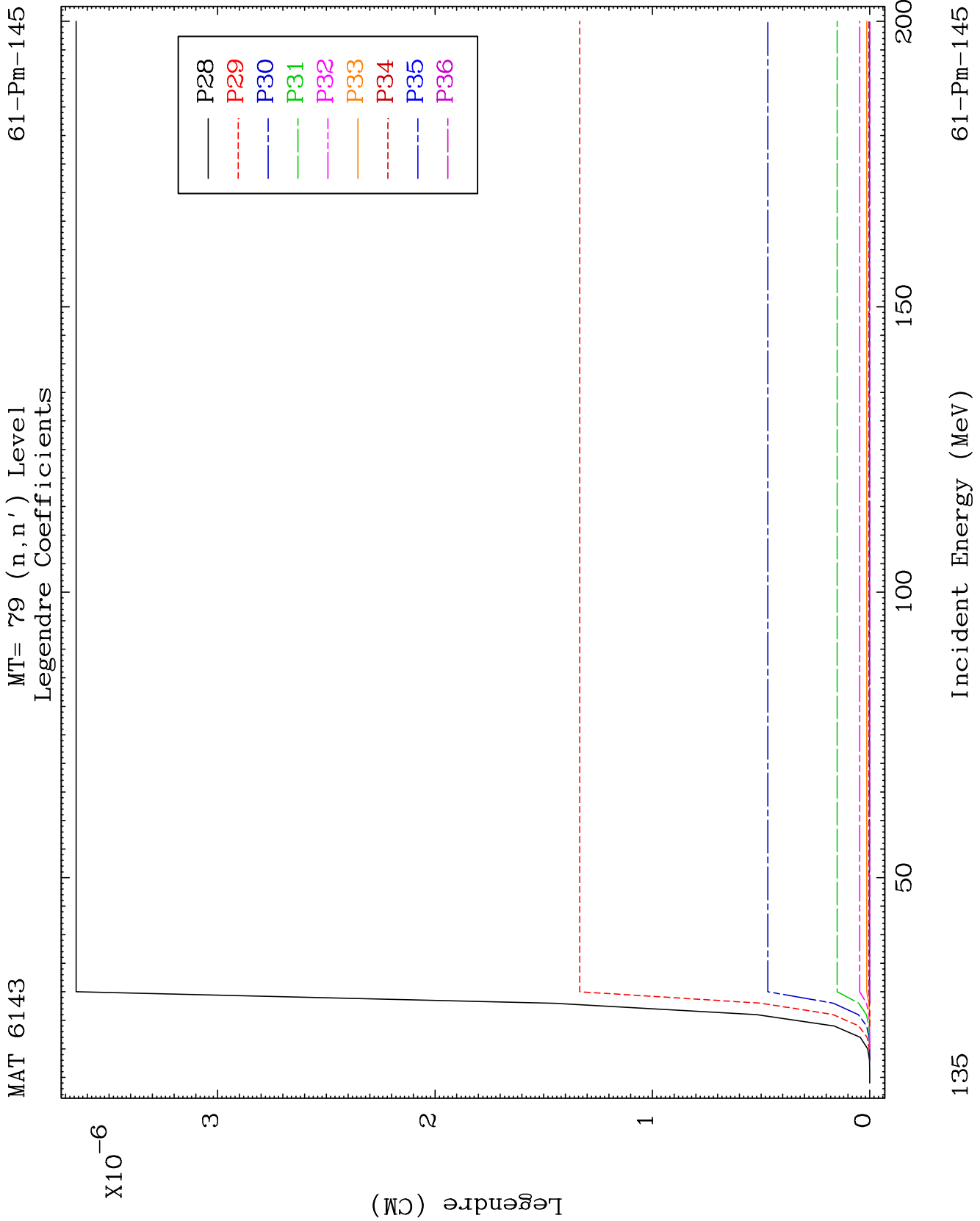


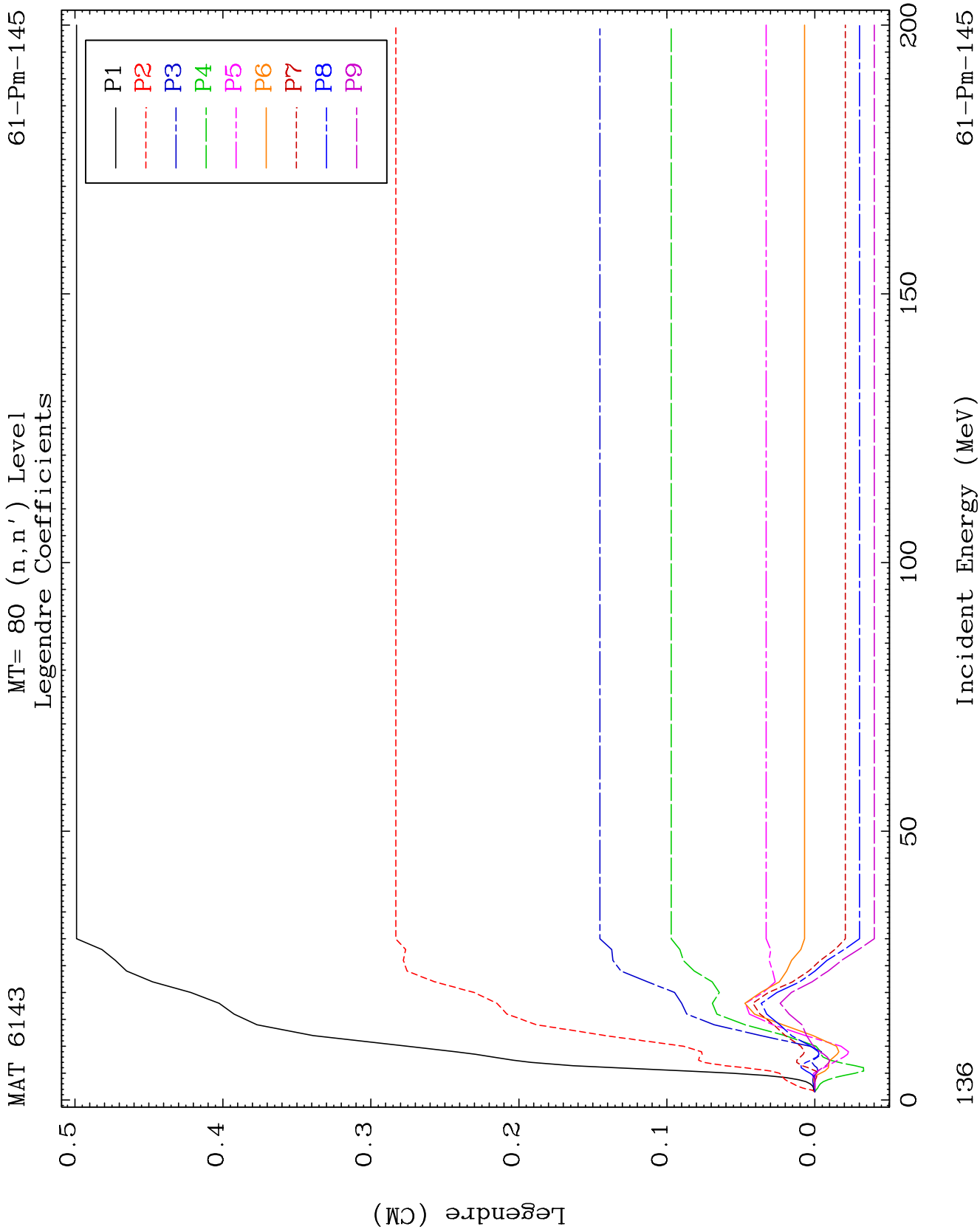


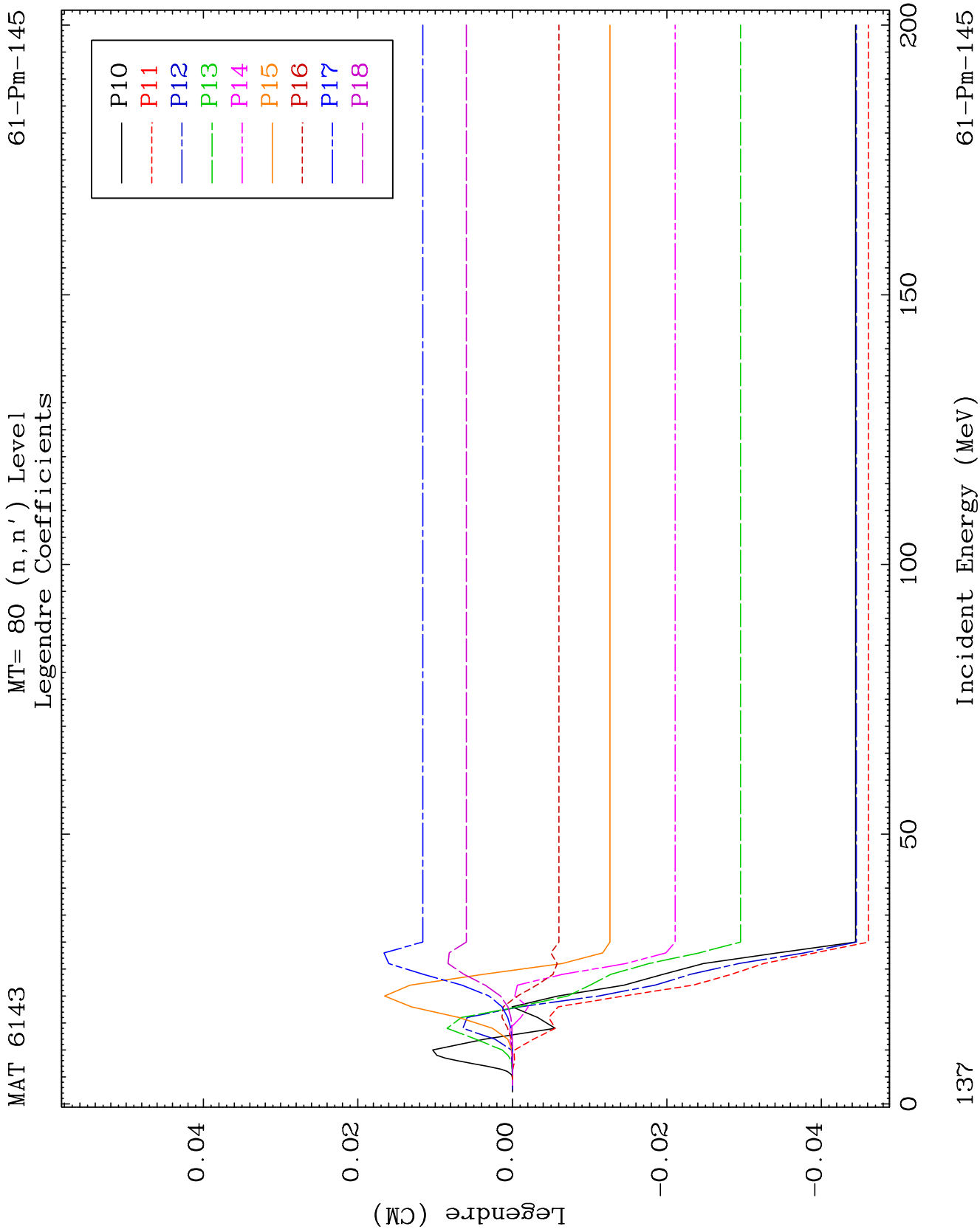








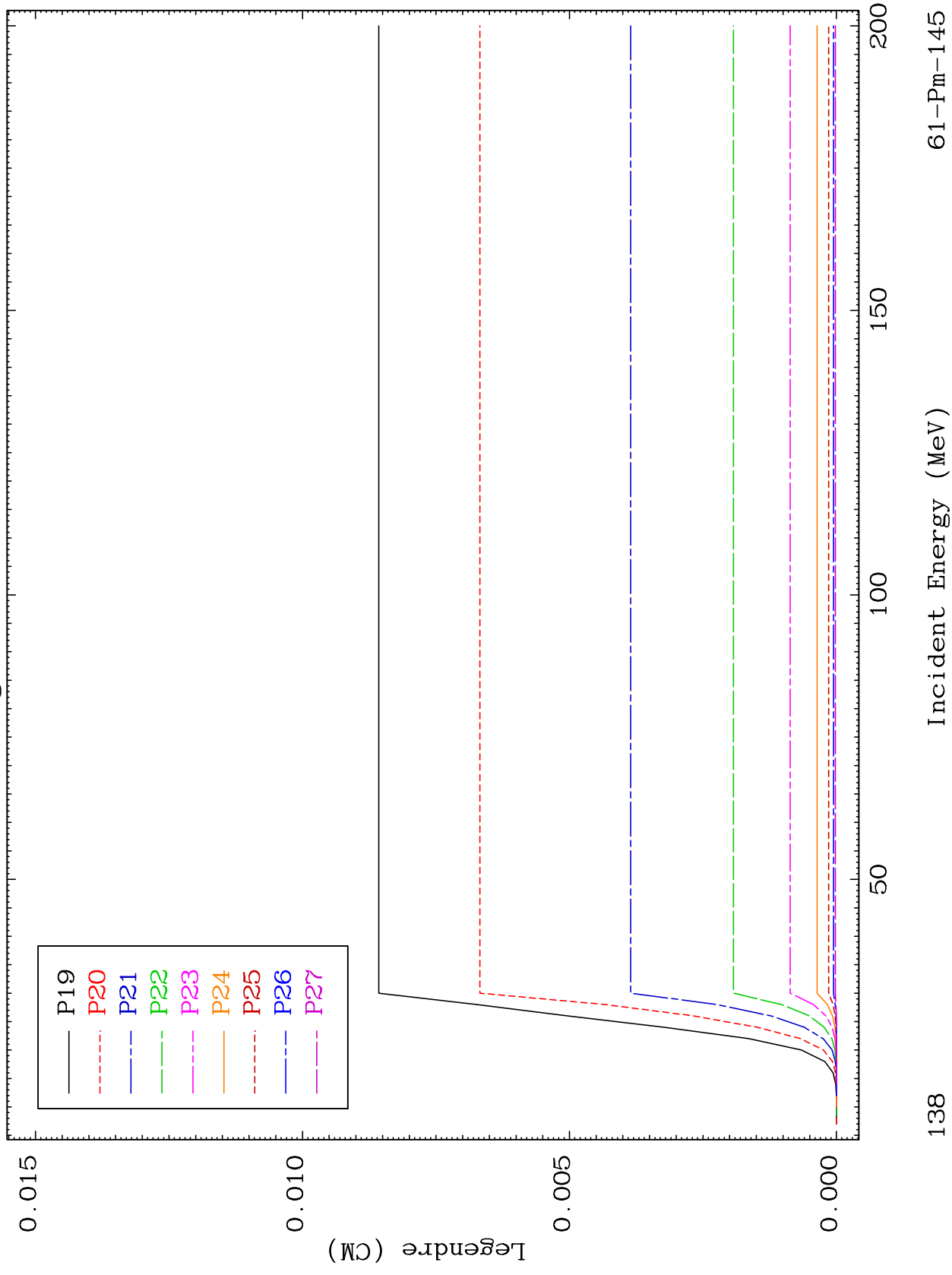


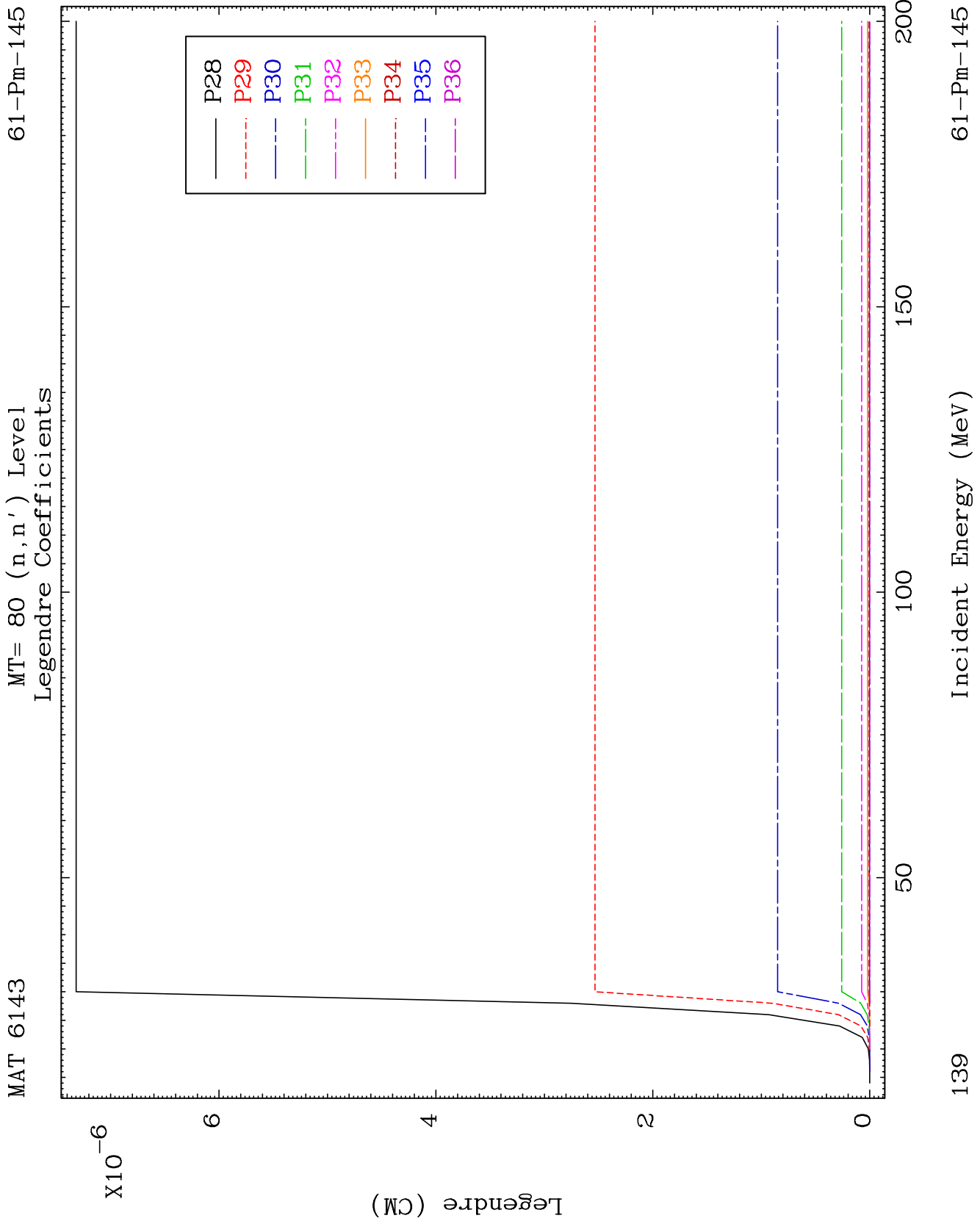


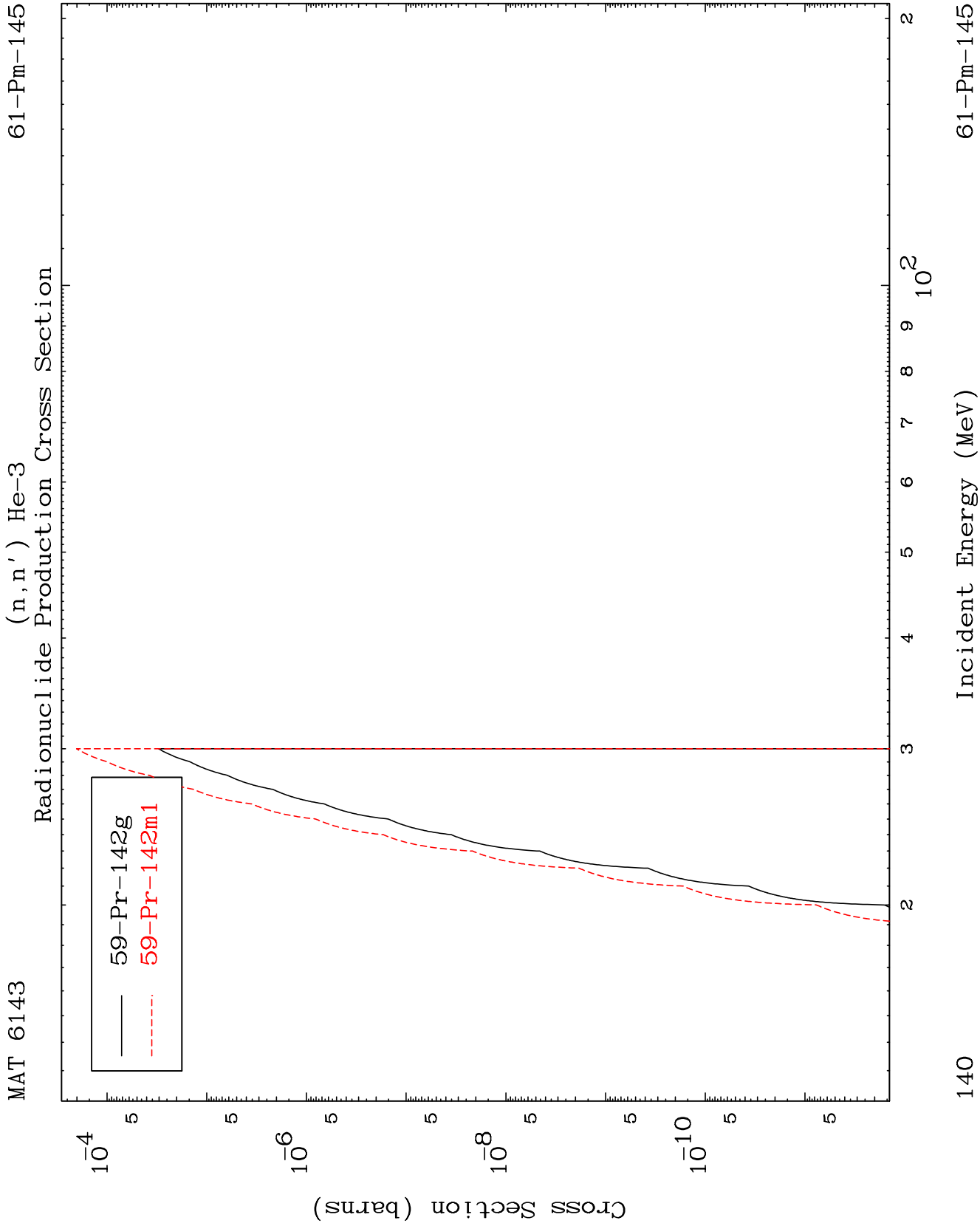
MAT 6143

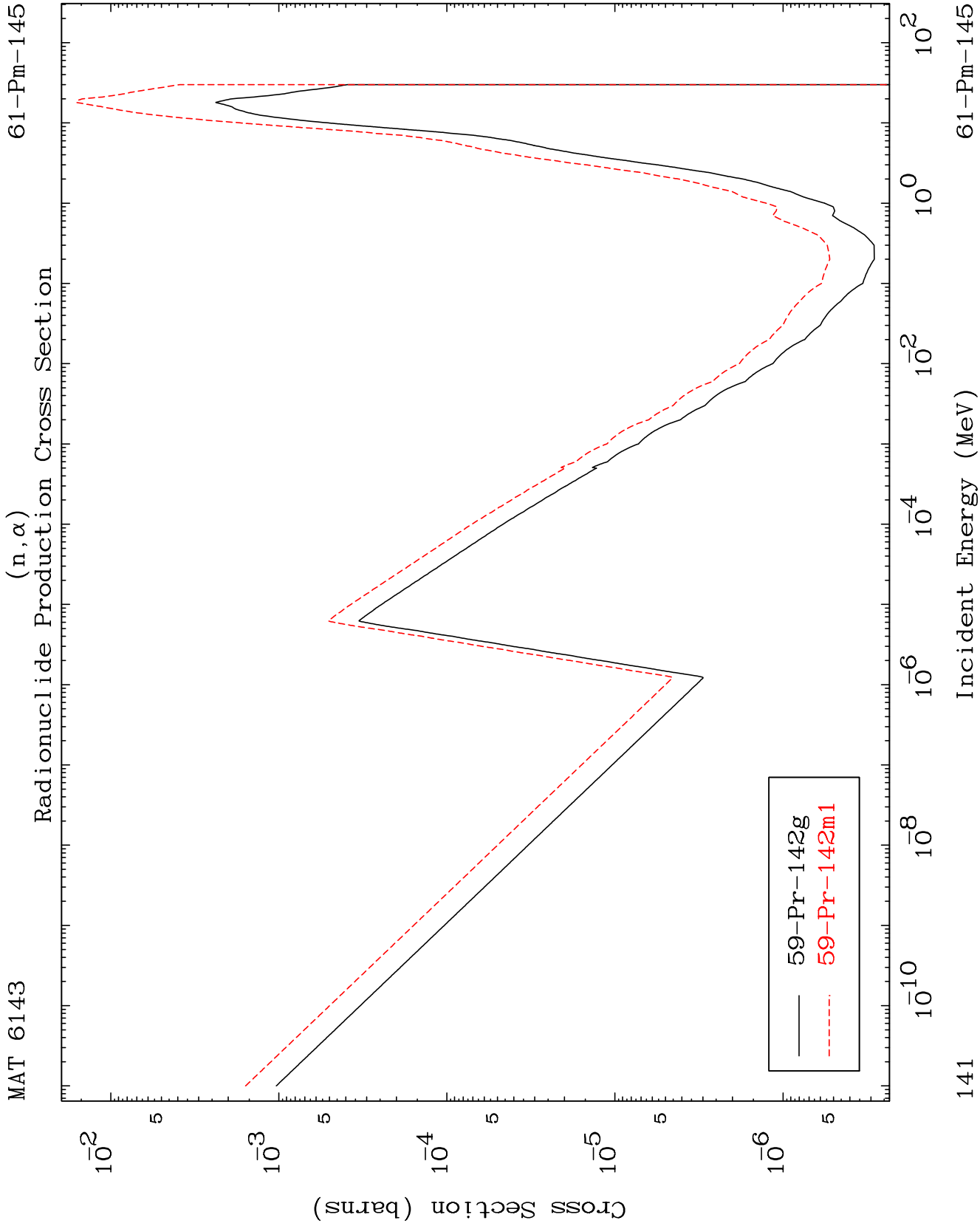
MT= 80 (n, n') Level  
Legendre Coefficients

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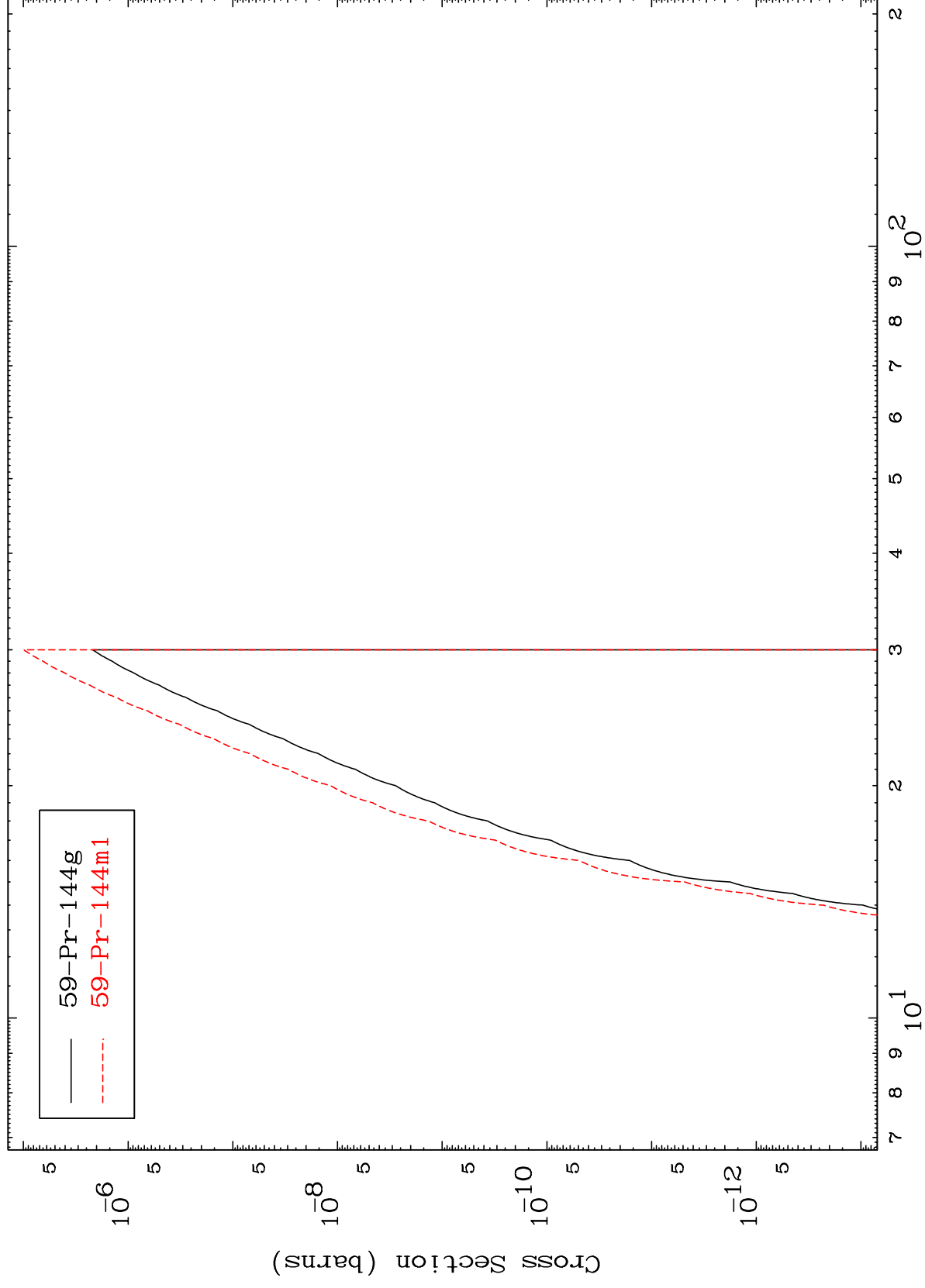






MAT 6143

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Radionuclide Production Cross Section  
(n,2p)

142

Incident Energy (MeV)

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