

Program EVALPLOT  
(Version 2018-1)

by

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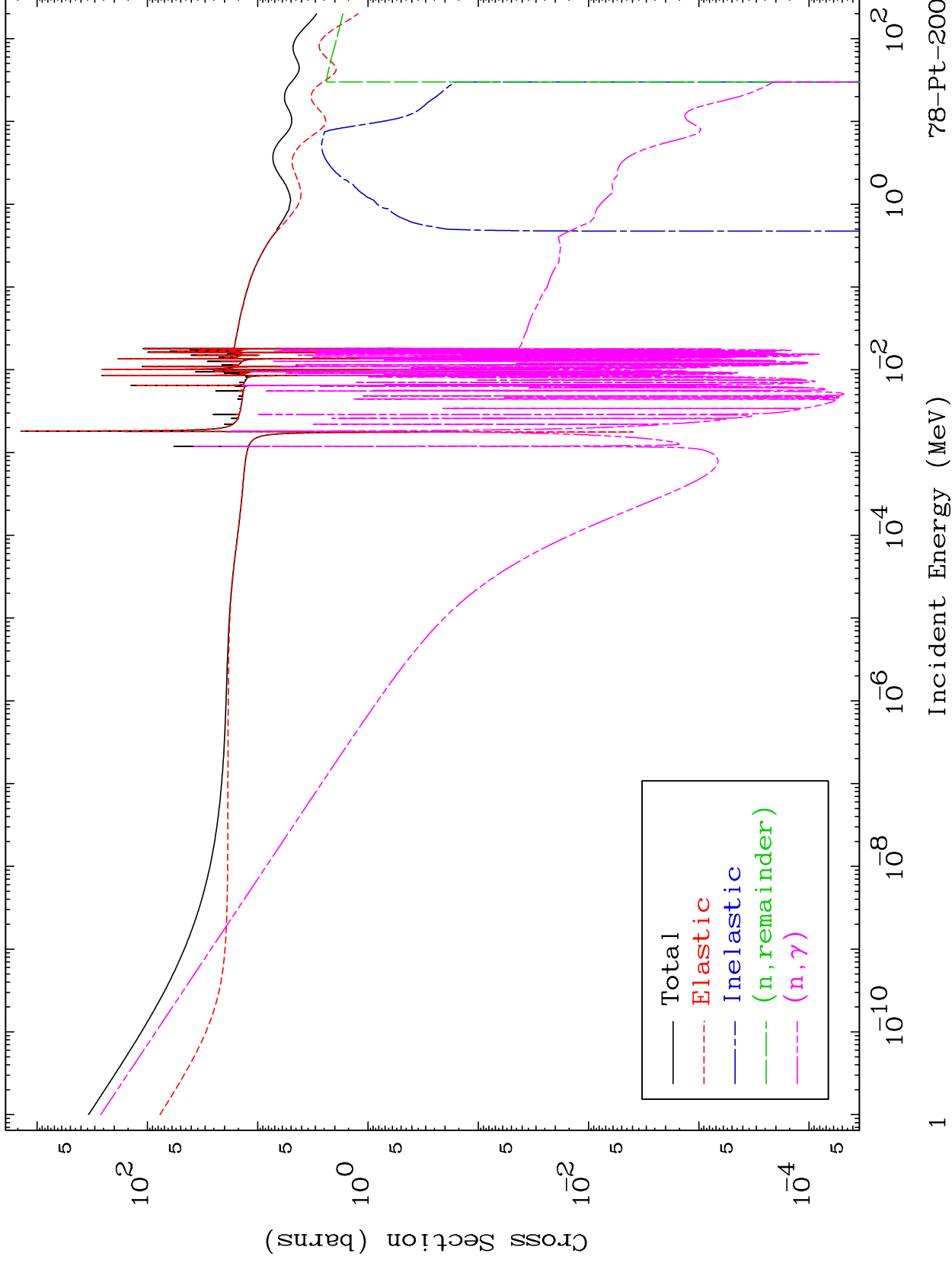
Press Mouse Button to Start

MAT 7855

Major

293 Kelvin Cross Sections

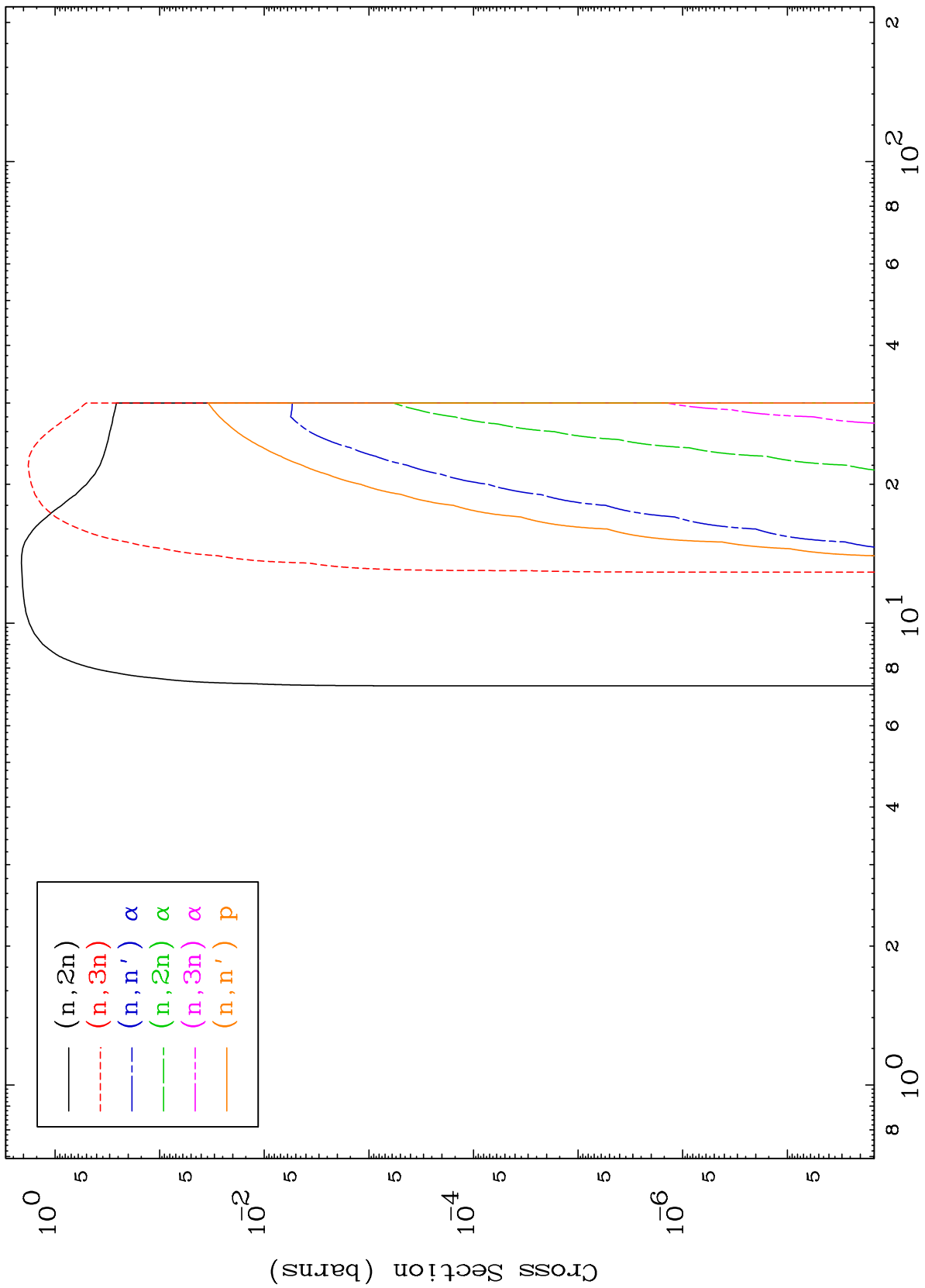
78-Pt-200



MAT 7855

Neutron Production  
293 Kelvin Cross Sections

78-Pt-200

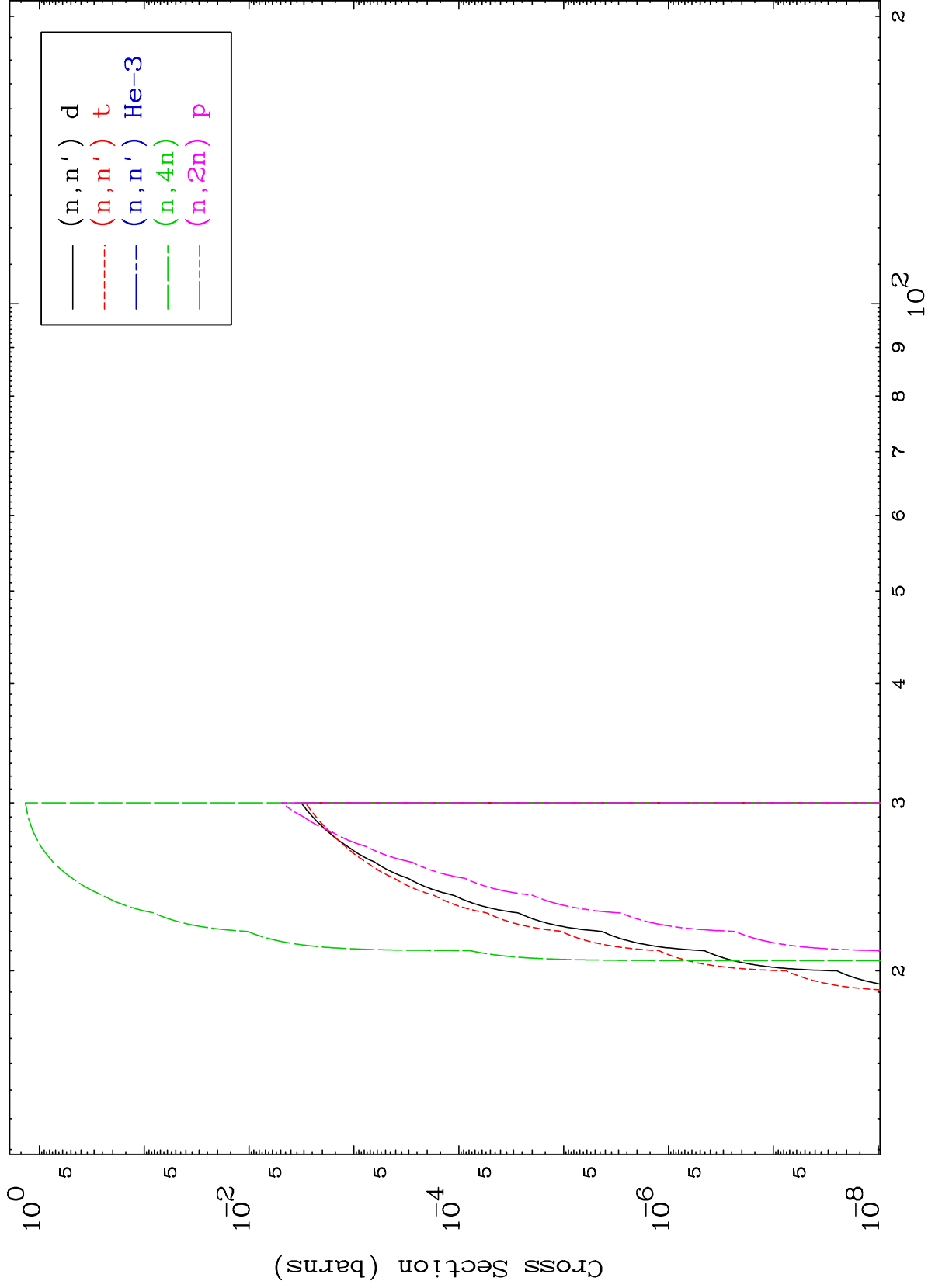


(n, 2n)  
(n, 3n)  
(n, n')  $\alpha$   
(n, 2n)  $\alpha$   
(n, 3n)  $\alpha$   
(n, n') p

Incident Energy (MeV)

78-Pt-200

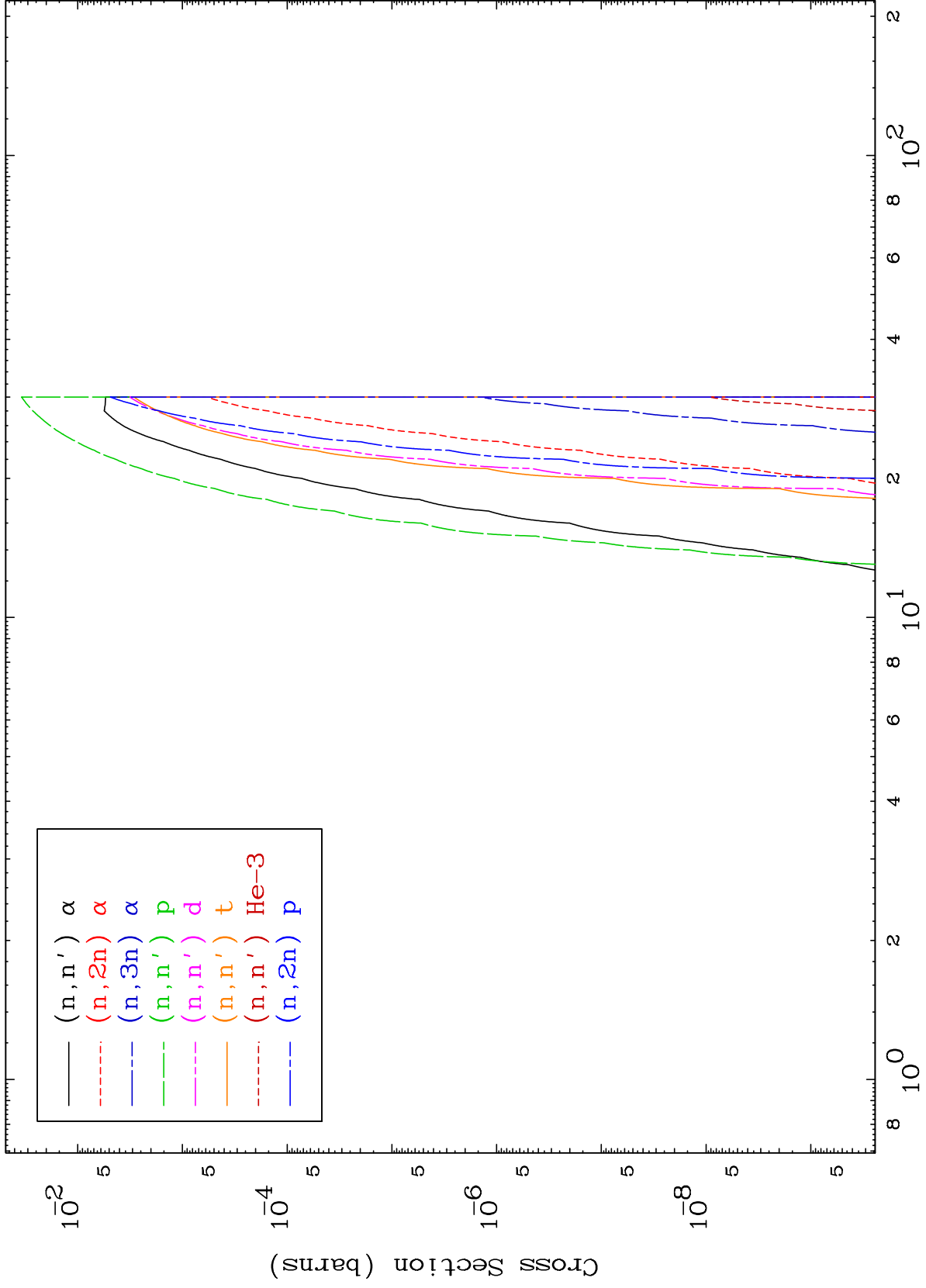
2



MAT 7855

Charged Particle  
293 Kelvin Cross Sections

78-Pt-200



4

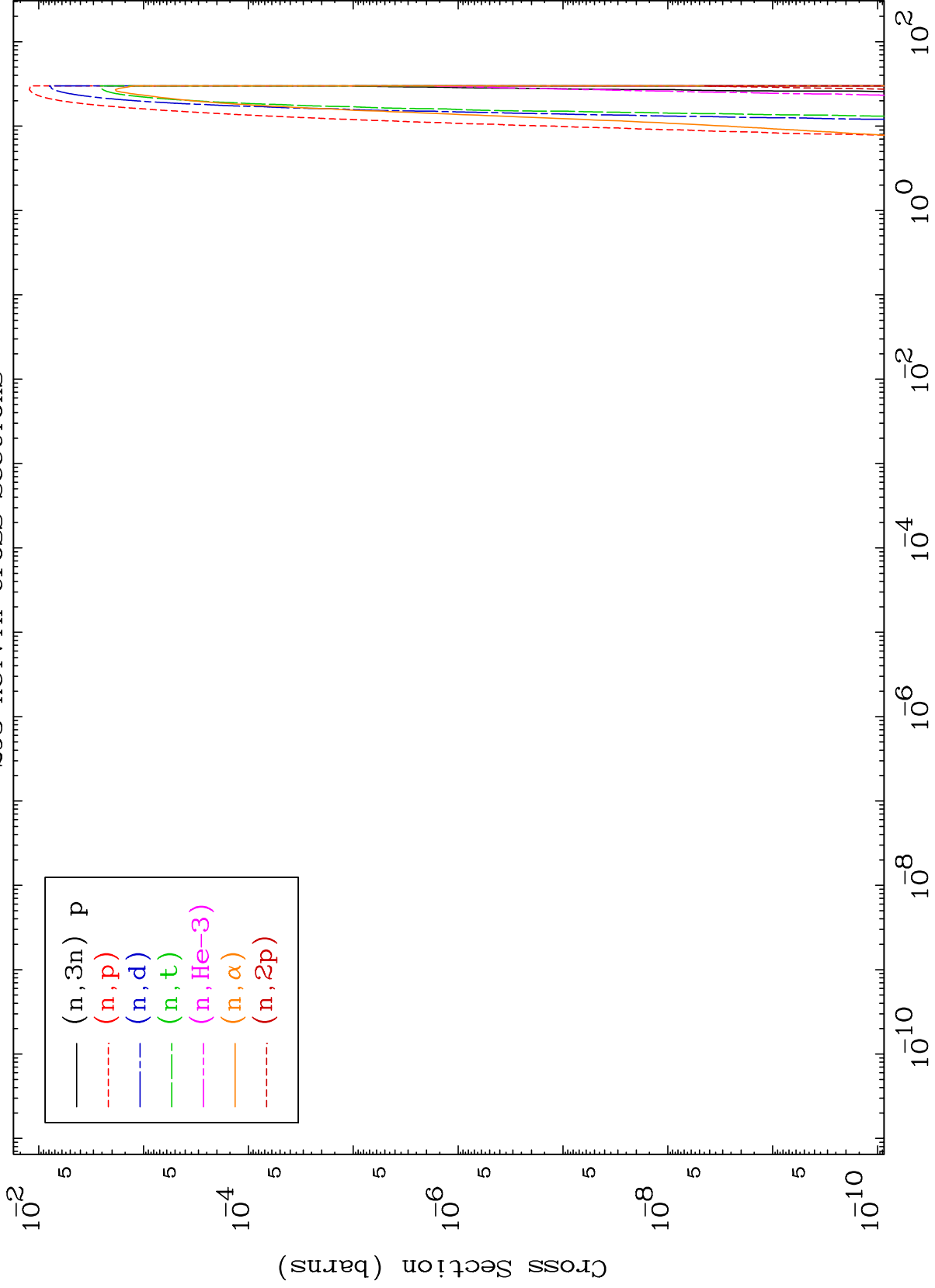
Incident Energy (MeV)

78-Pt-200

MAT 7855

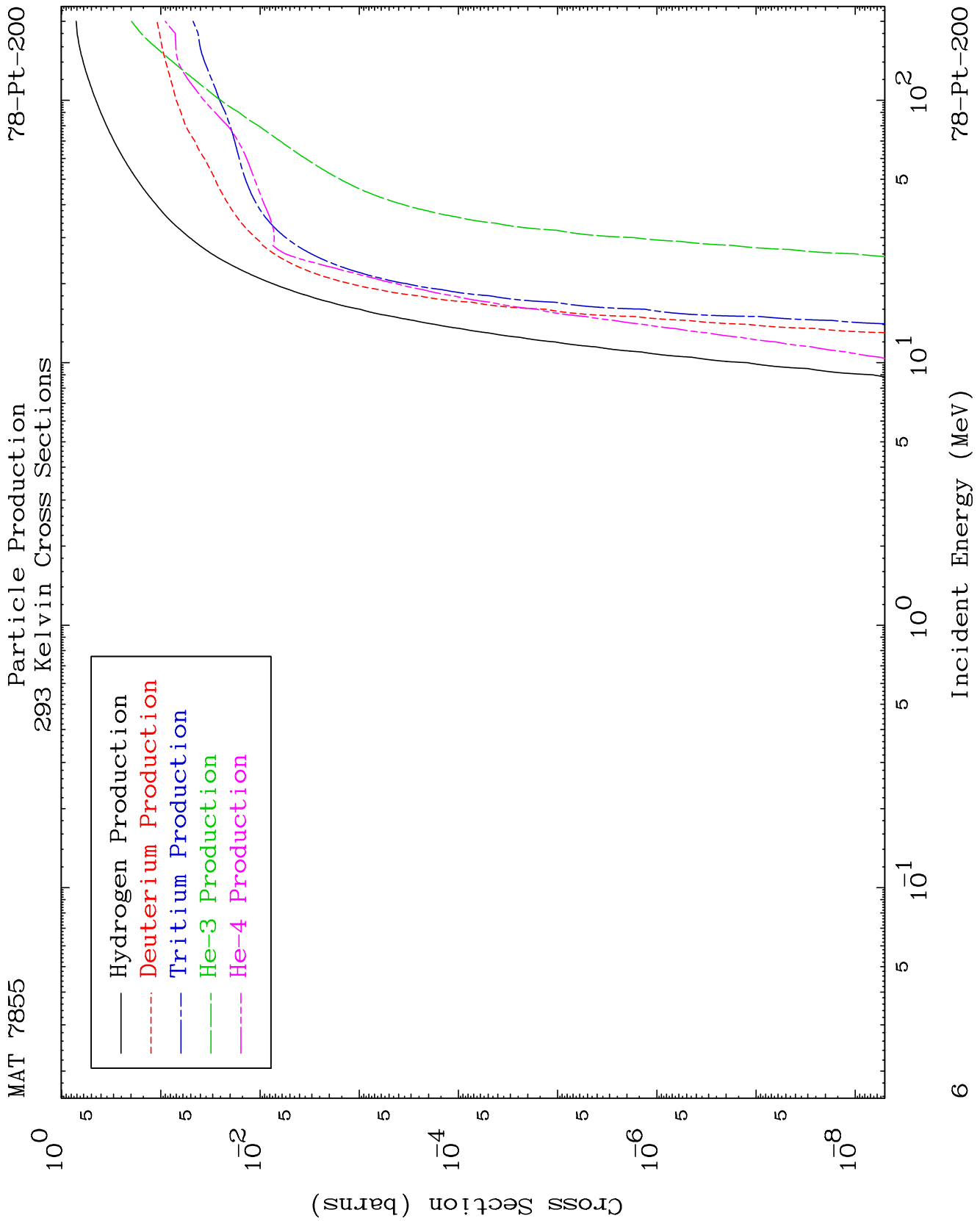
Charged Particle  
293 Kelvin Cross Sections

78-Pt-200



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78-Pt-200

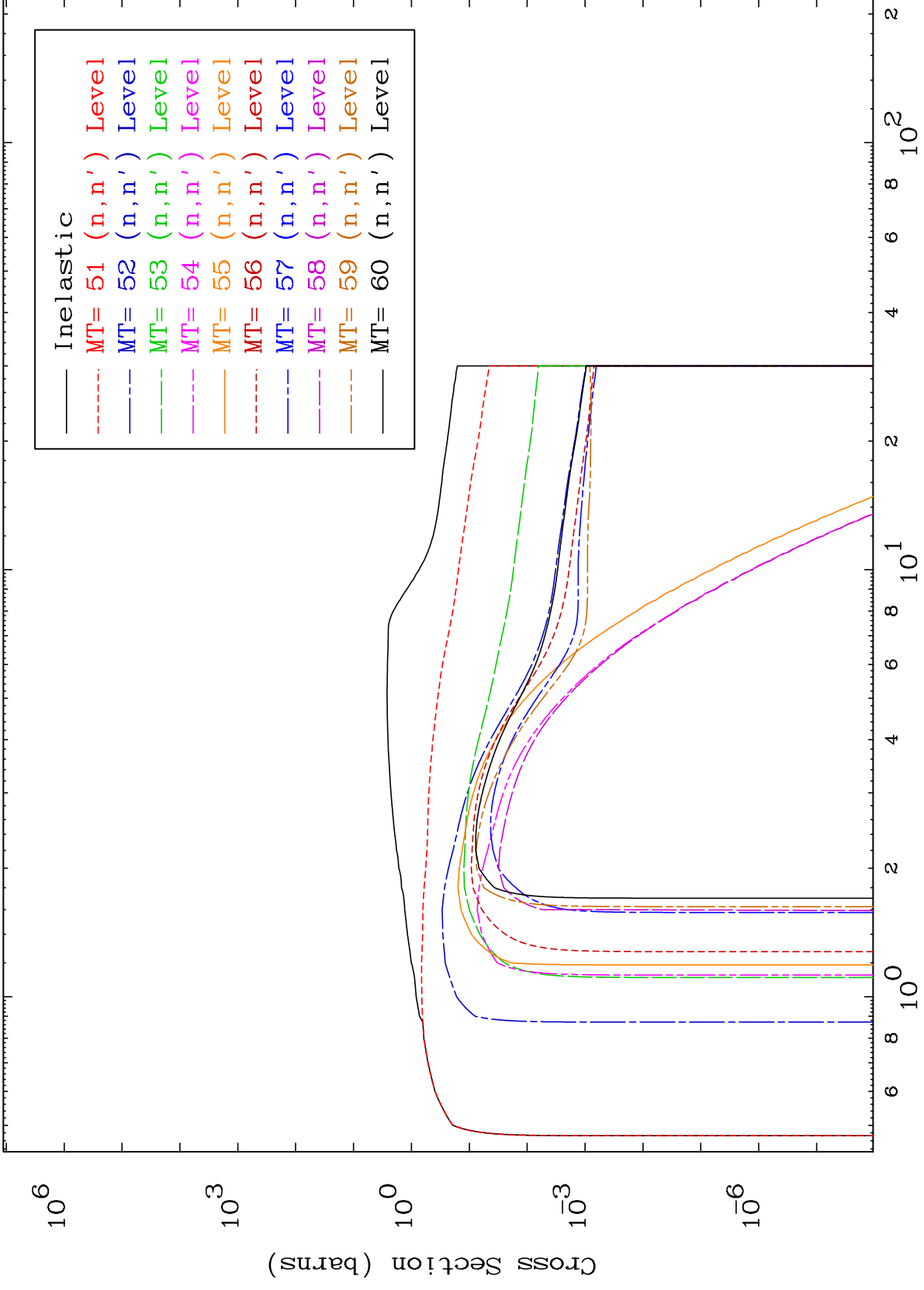


MAT 7855

(n,n') Level

78-Pt-200

293 Kelvin Cross Sections



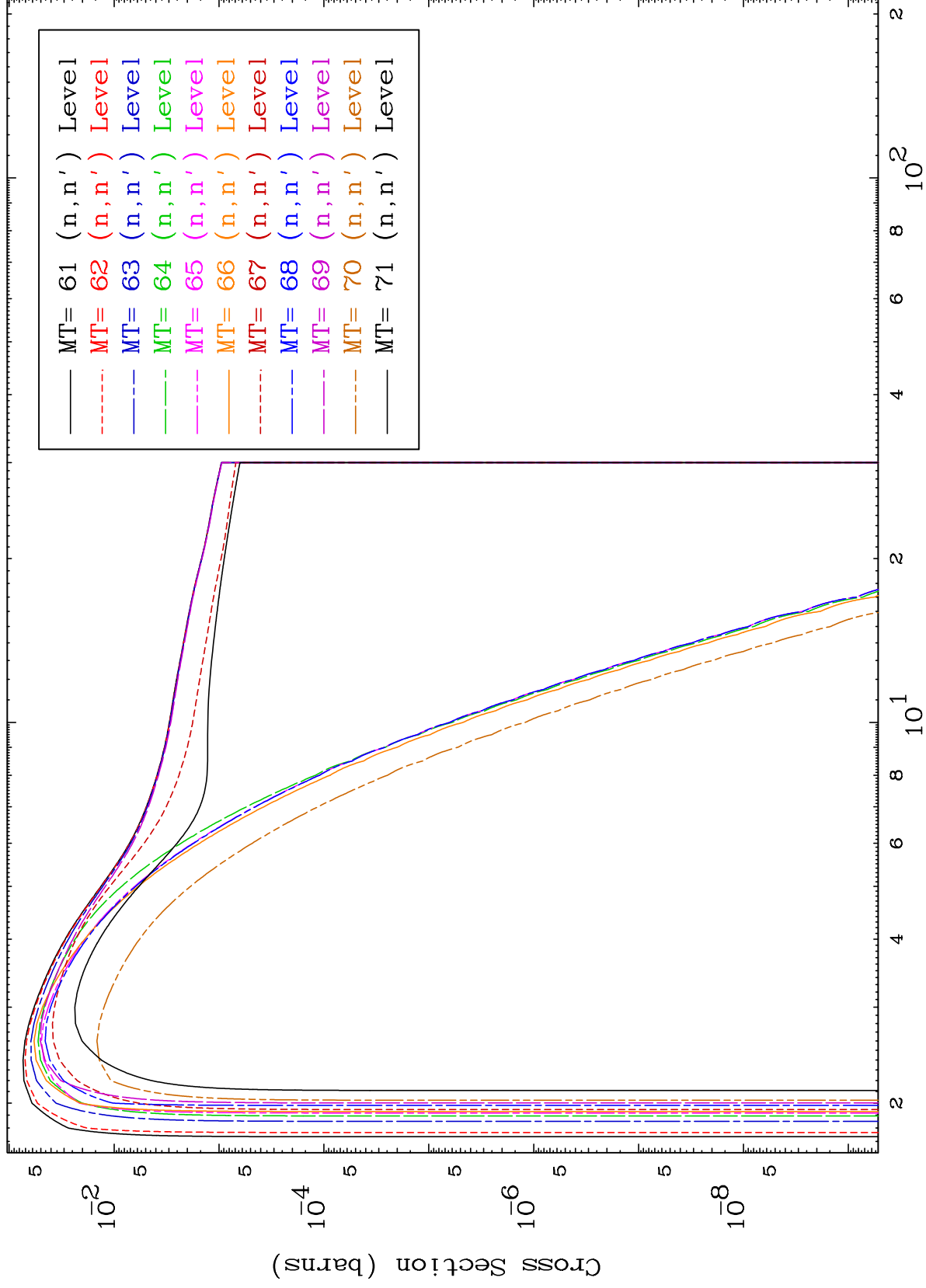


MAT 7855

(n,n') Level

78-Pt-200

293 Kelvin Cross Sections



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Incident Energy (MeV)

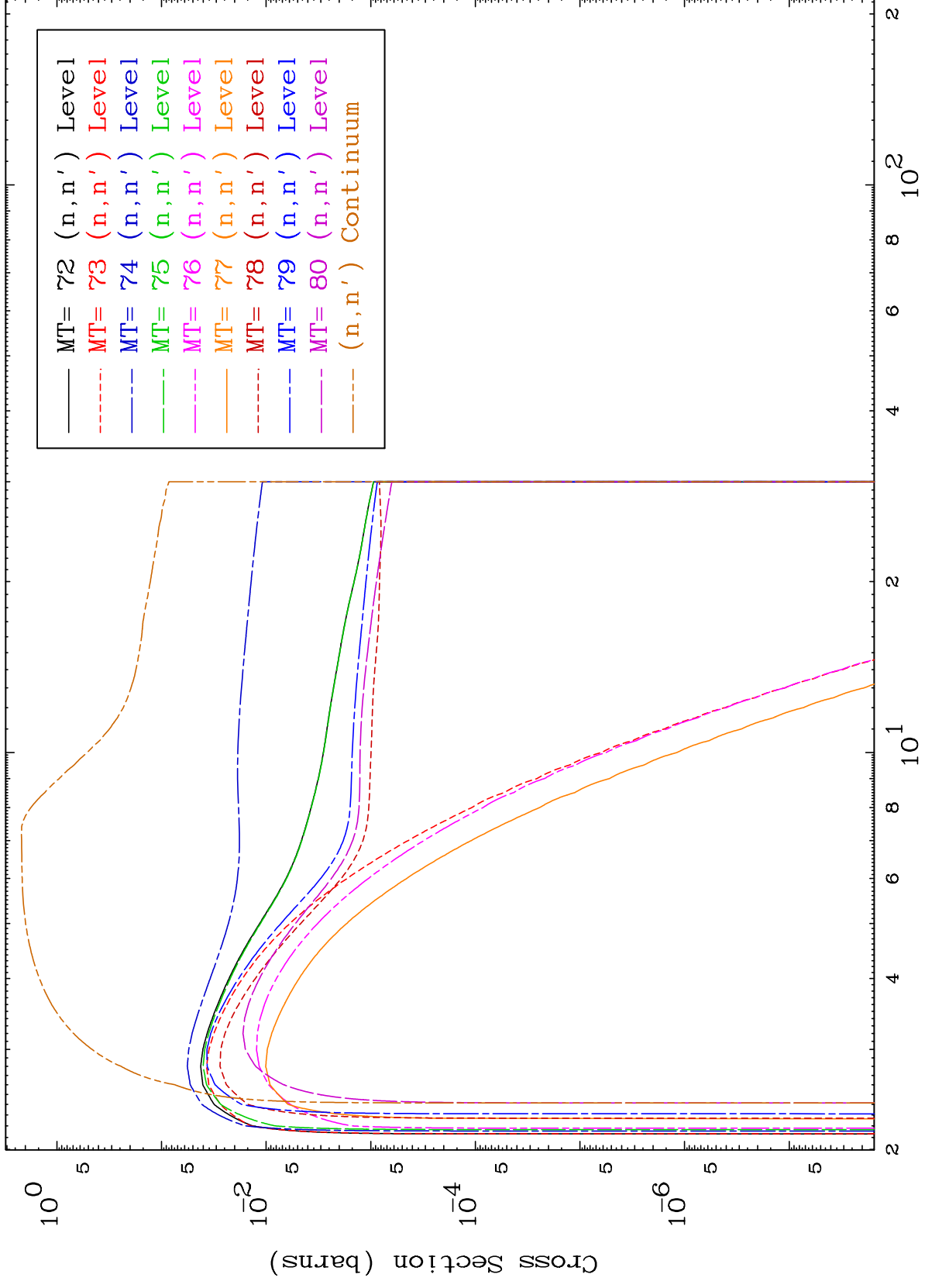
78-Pt-200

MAT 7855

(n,n') Level

78-Pt-200

293 Kelvin Cross Sections



9

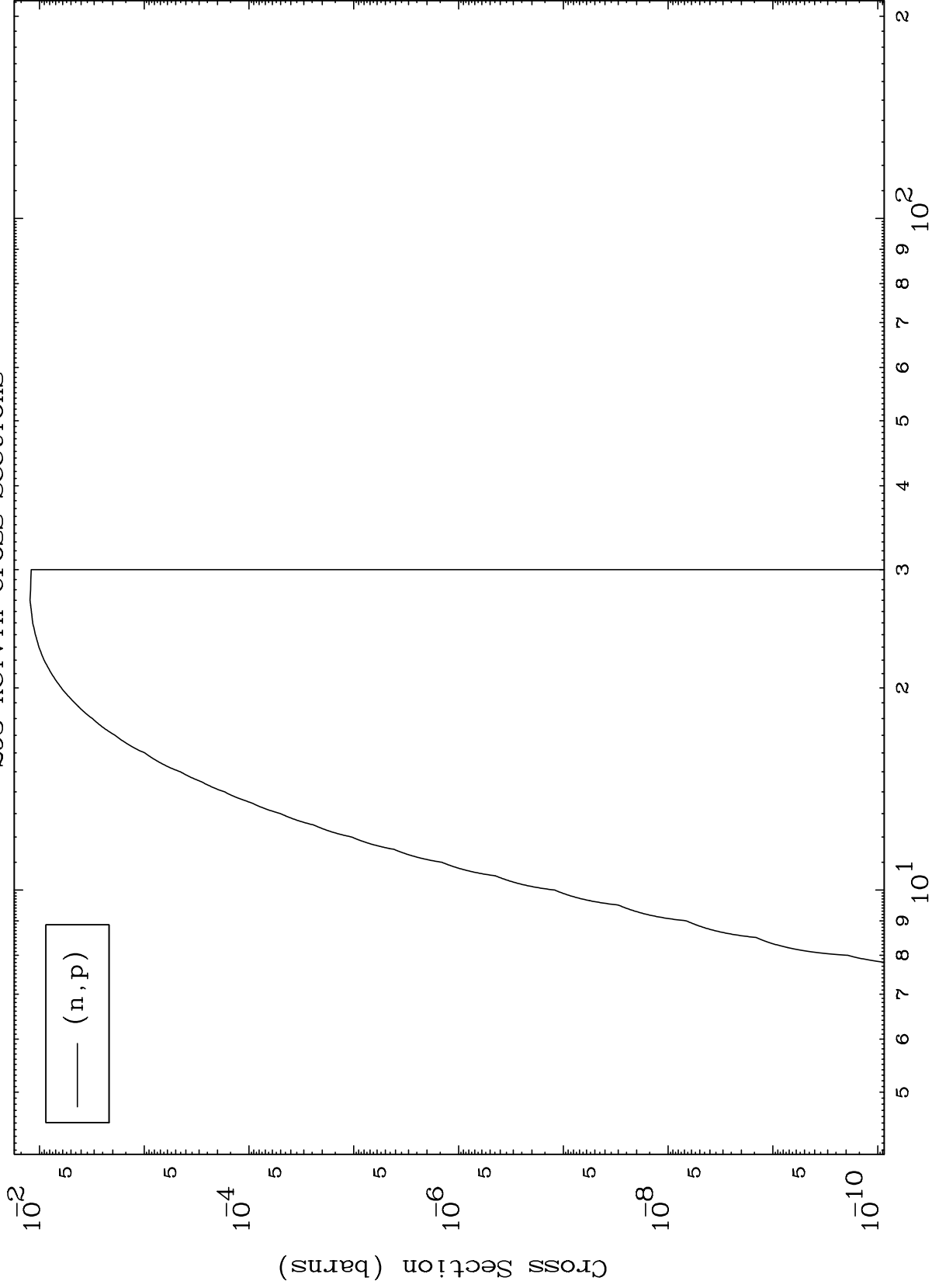
Incident Energy (MeV)

78-Pt-200

MAT 7855

(n,p) Levels  
293 Kelvin Cross Sections

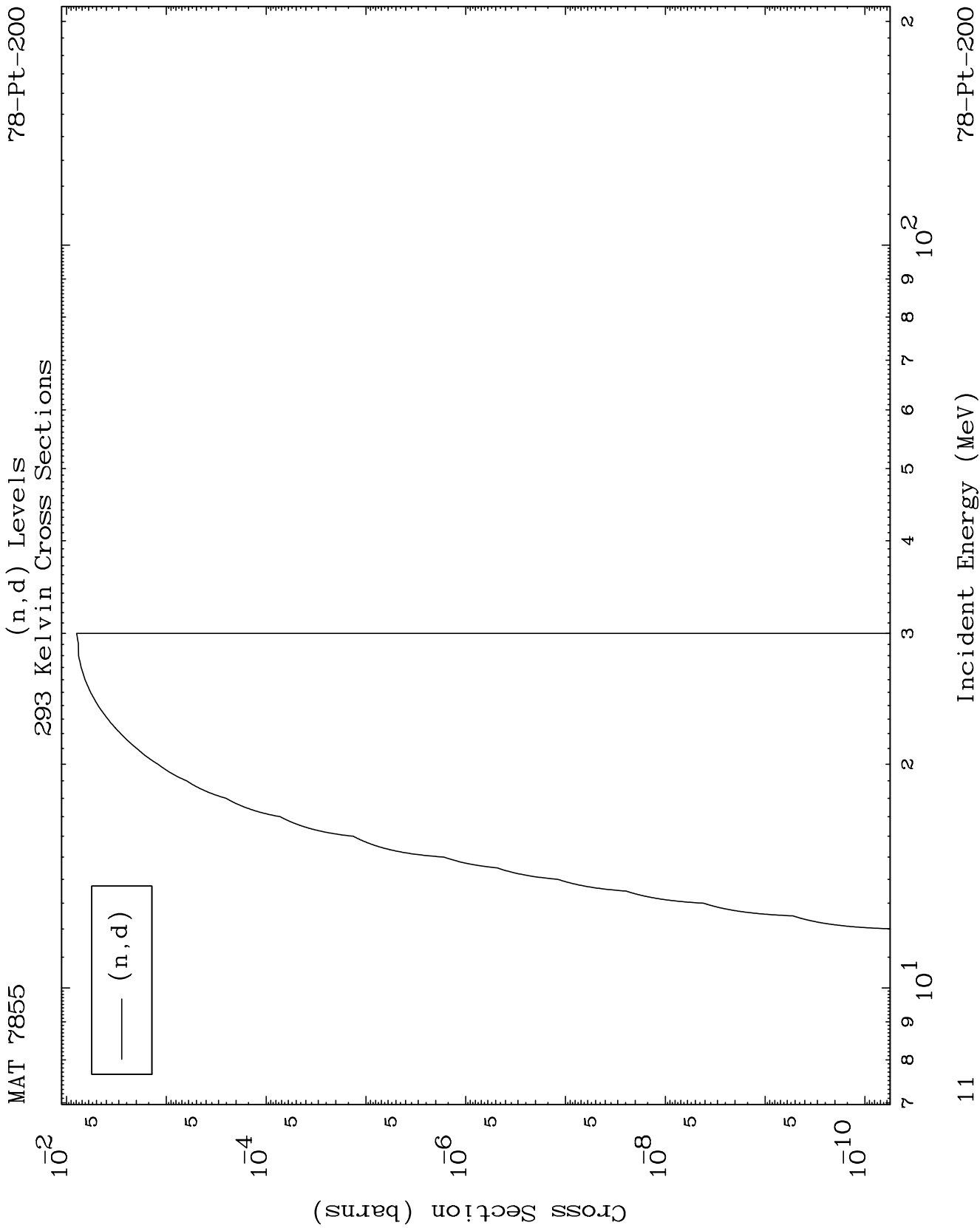
78-Pt-200



10

Incident Energy (MeV)

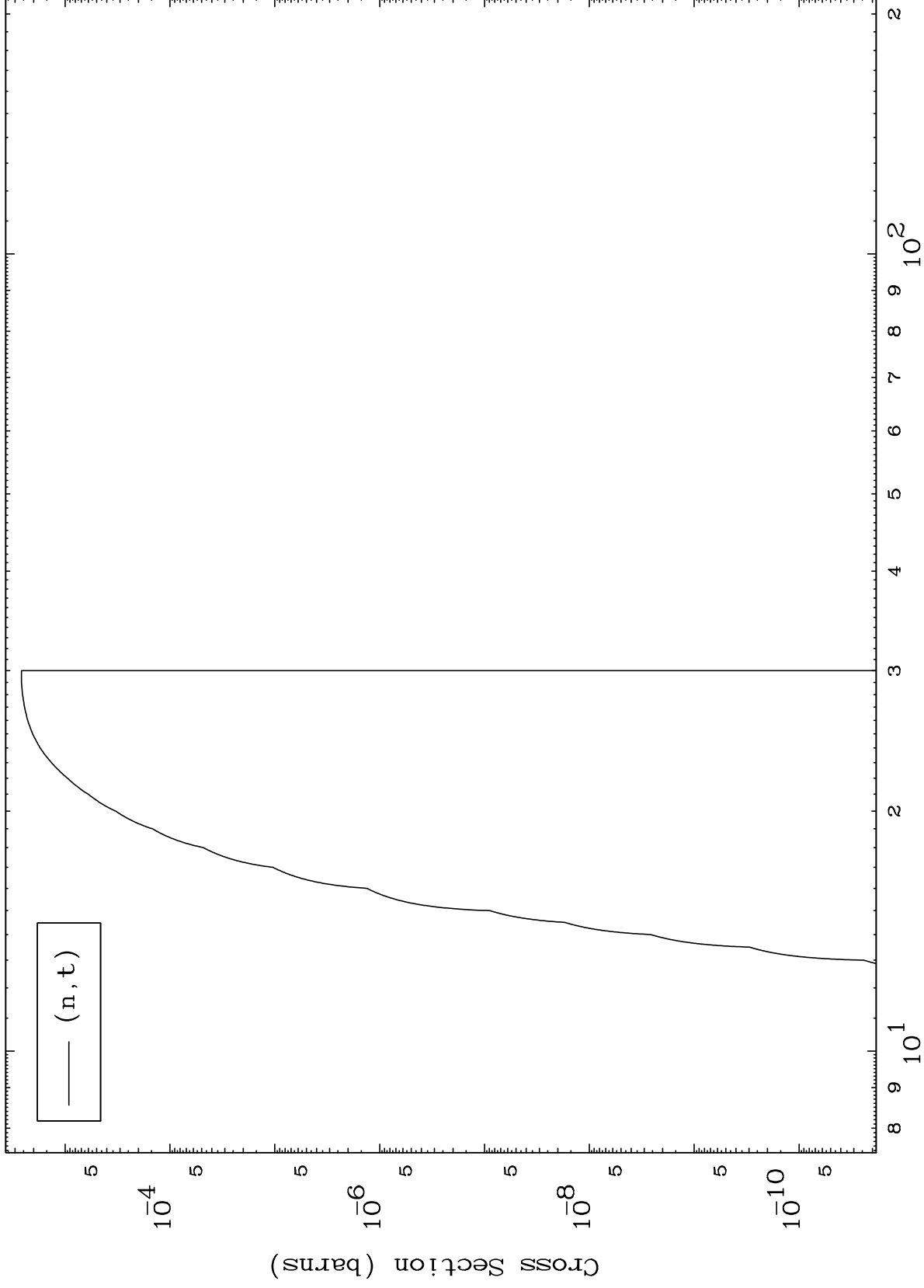
78-Pt-200



MAT 7855

(n,t) Levels  
293 Kelvin Cross Sections

78-Pt-200



12

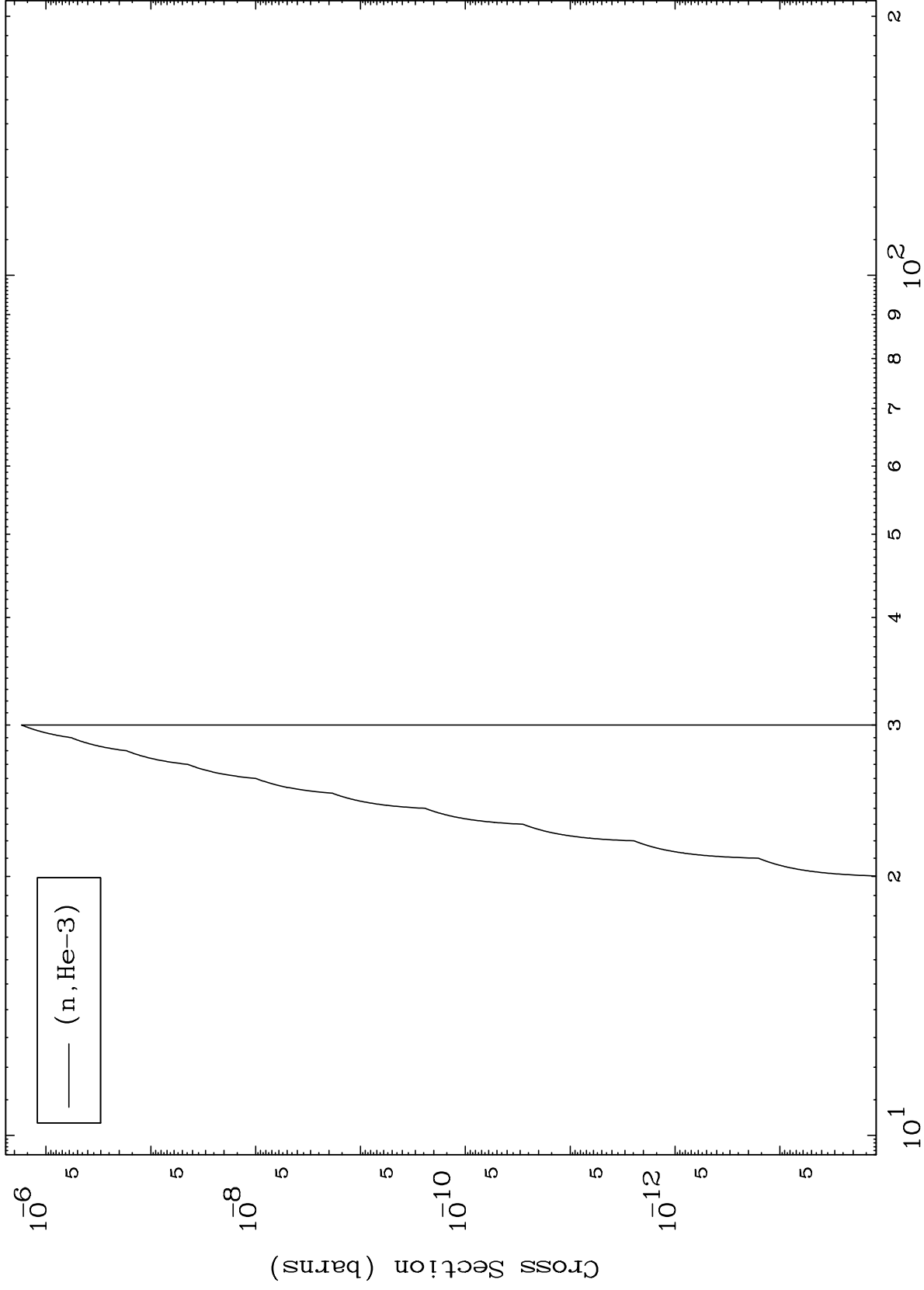
Incident Energy (MeV)

78-Pt-200

MAT 7855

(n,He3) Levels  
293 Kelvin Cross Sections

78-Pt-200



78-Pt-200

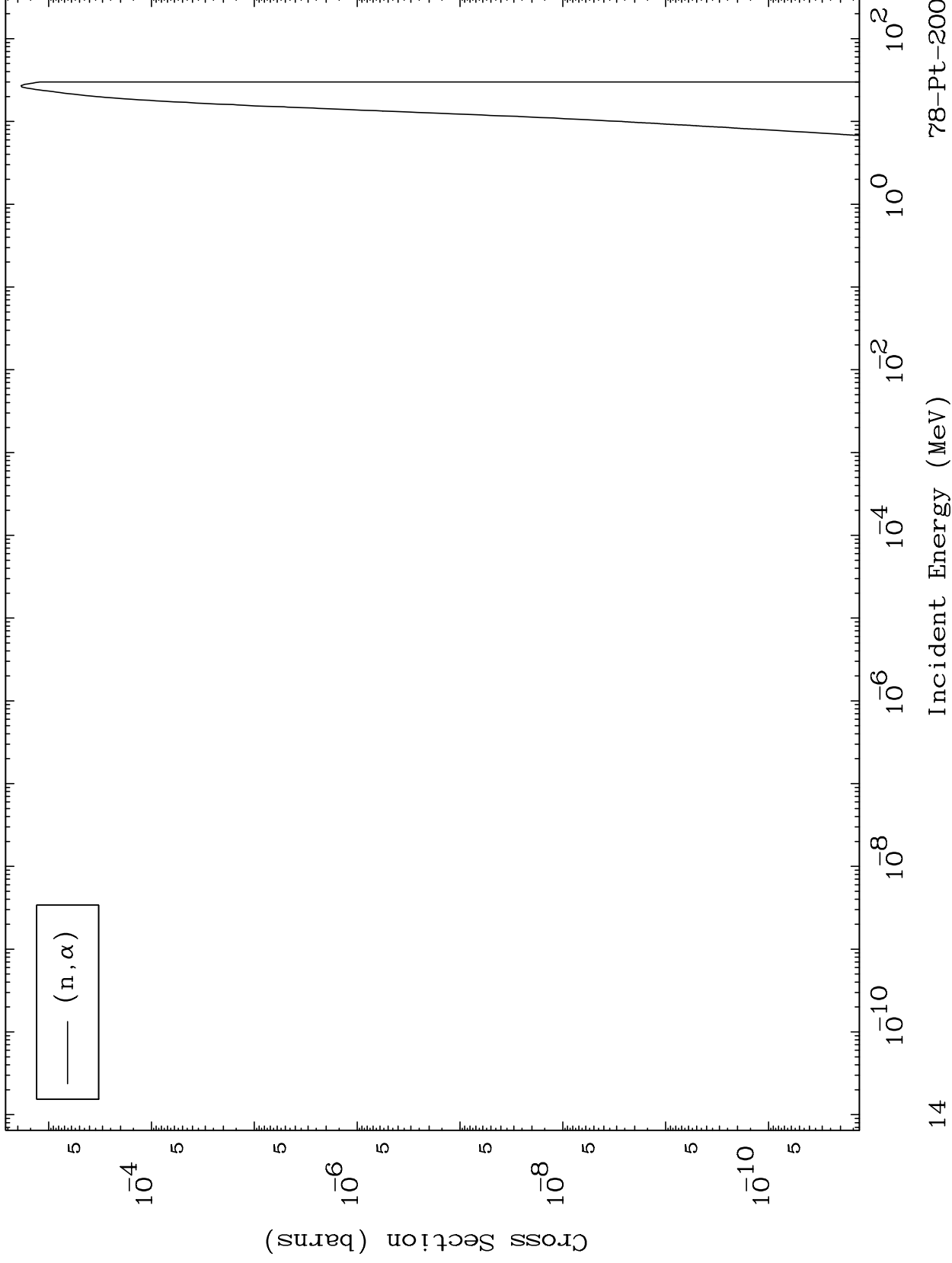
Incident Energy (MeV)

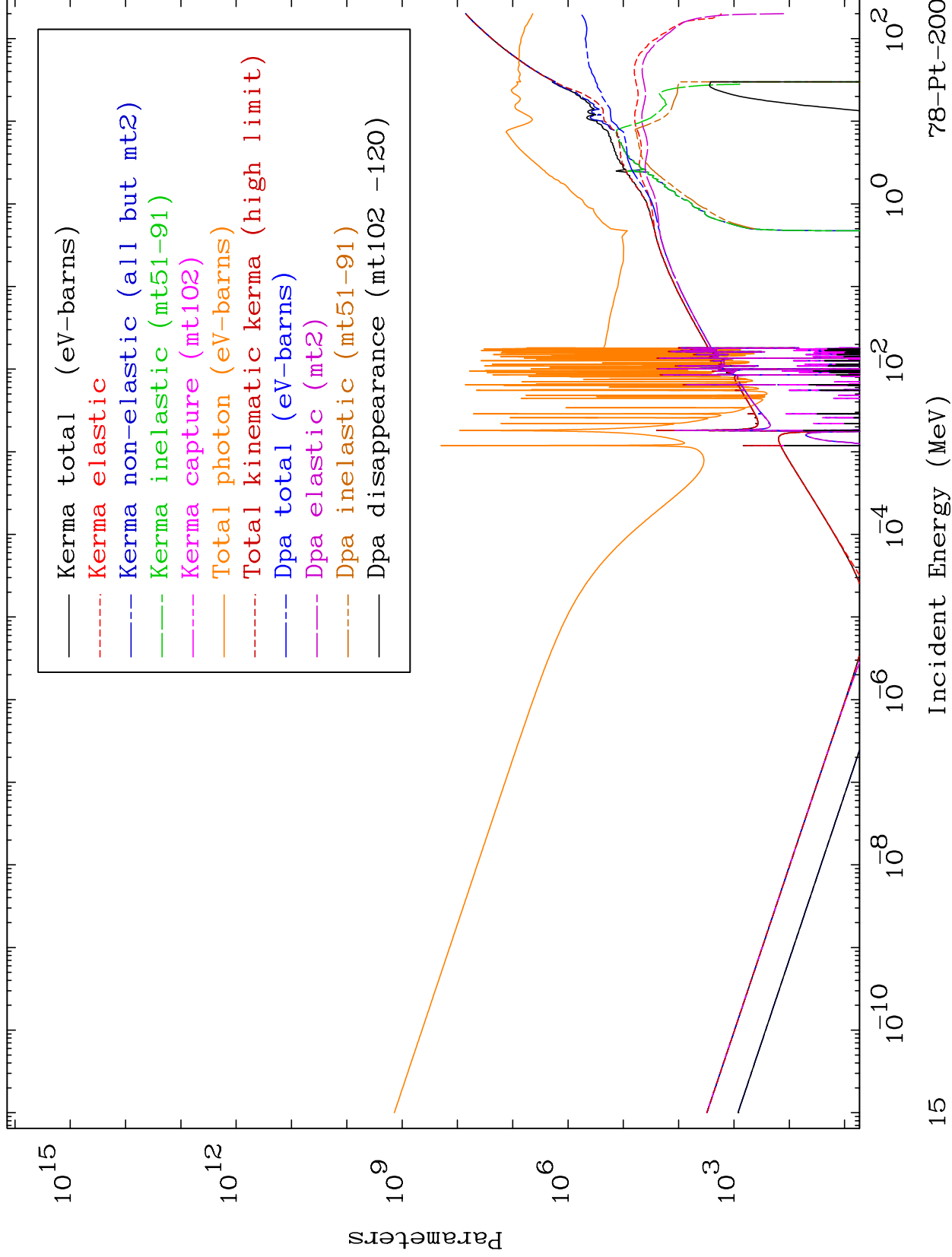
13

MAT 7855

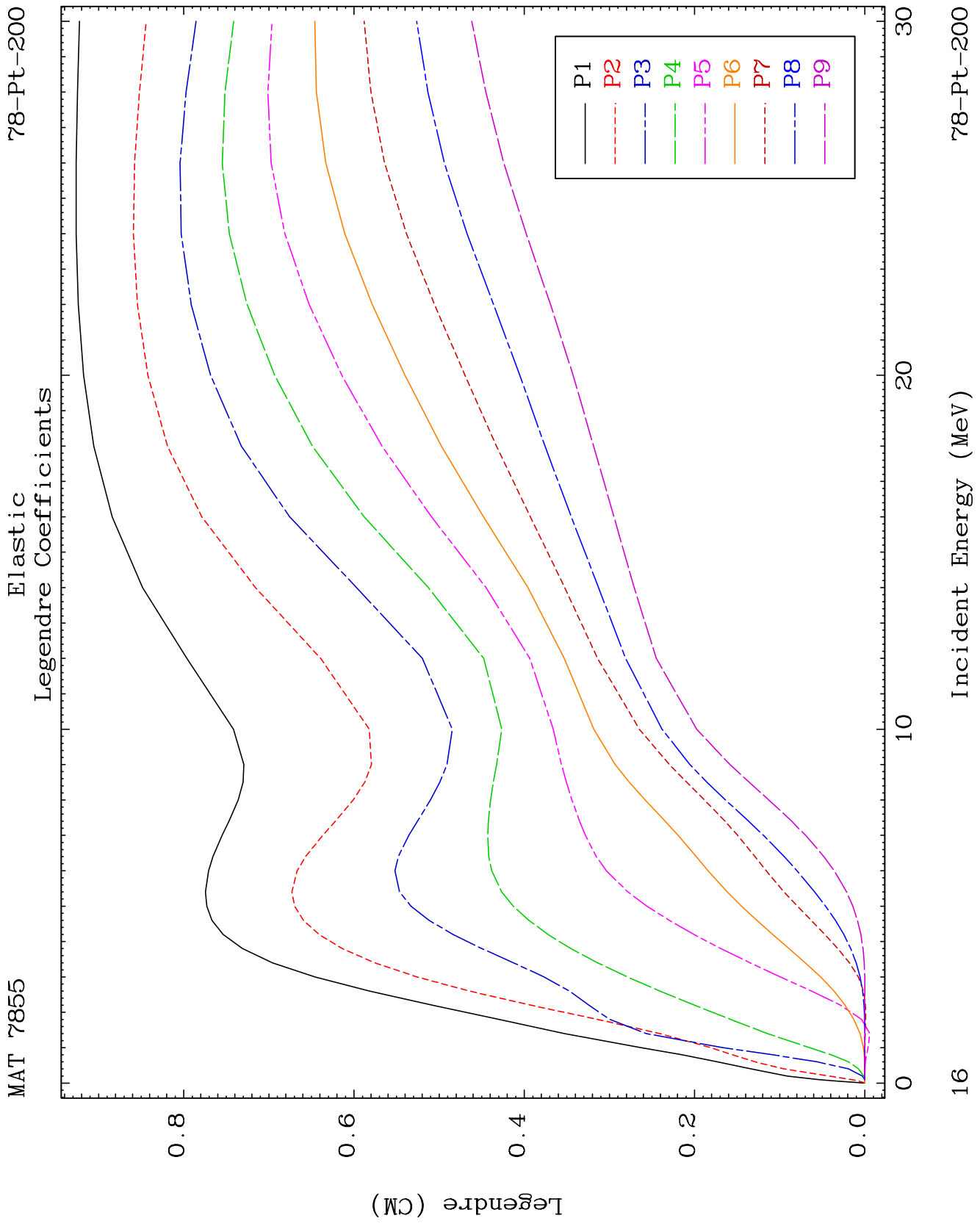
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

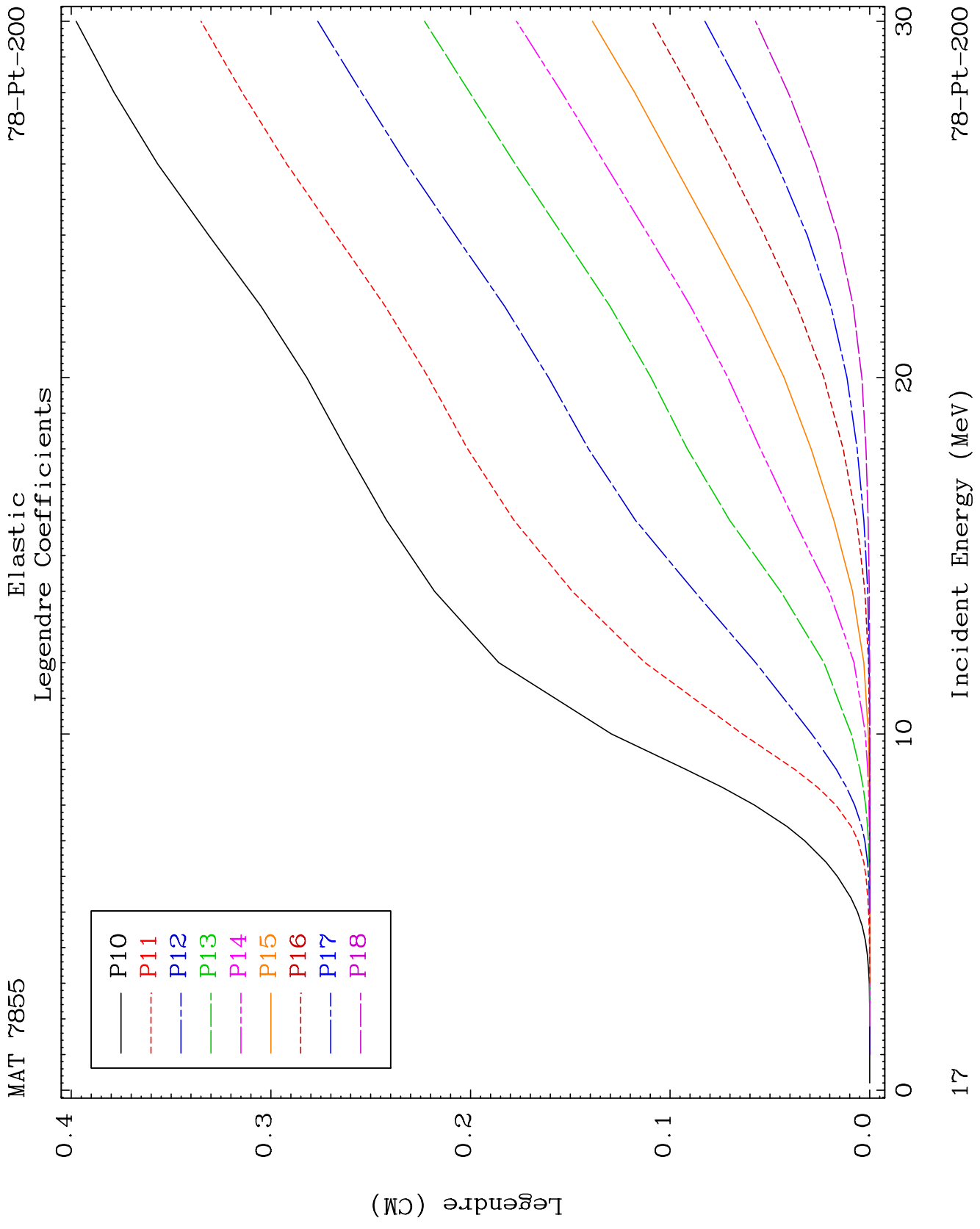
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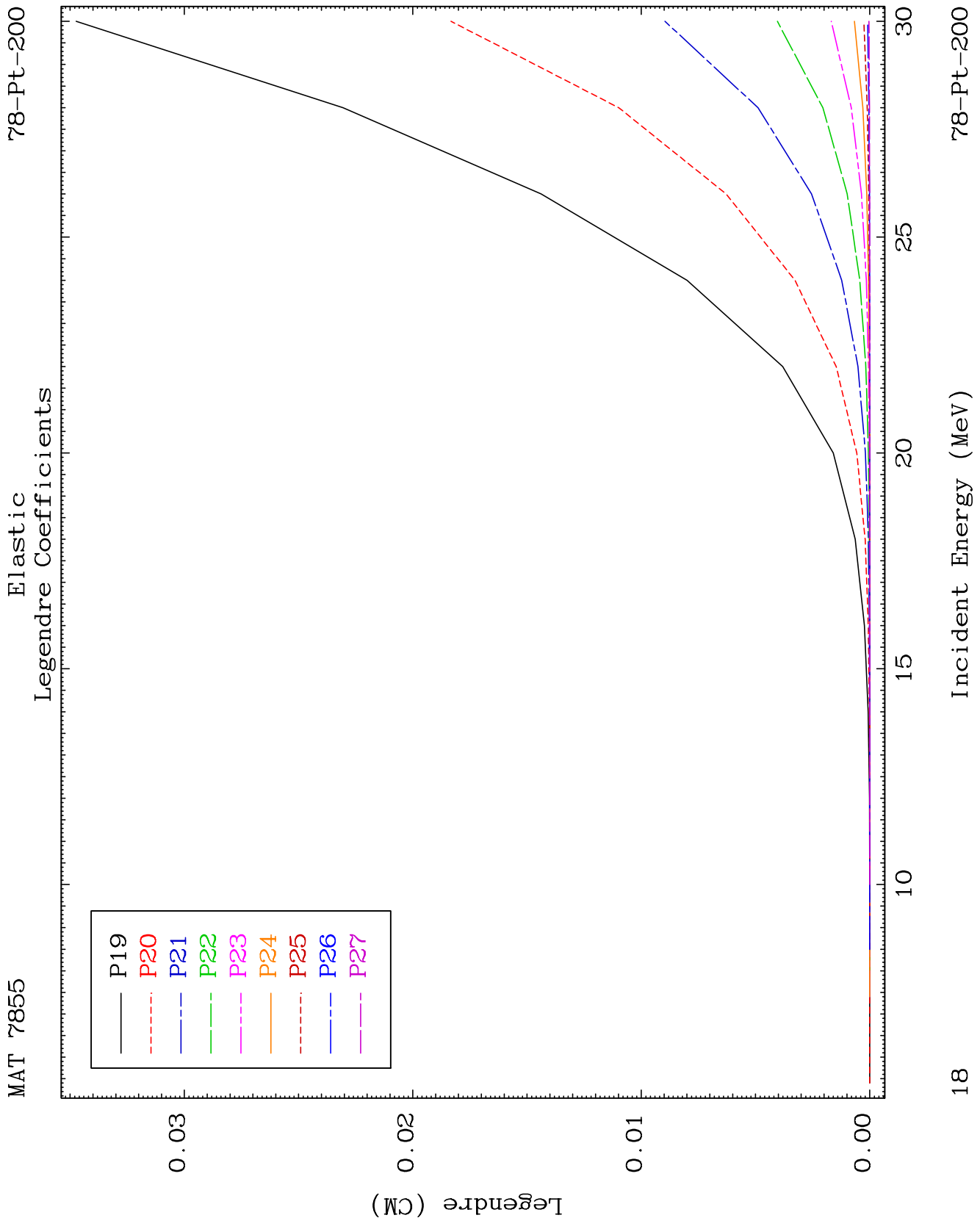










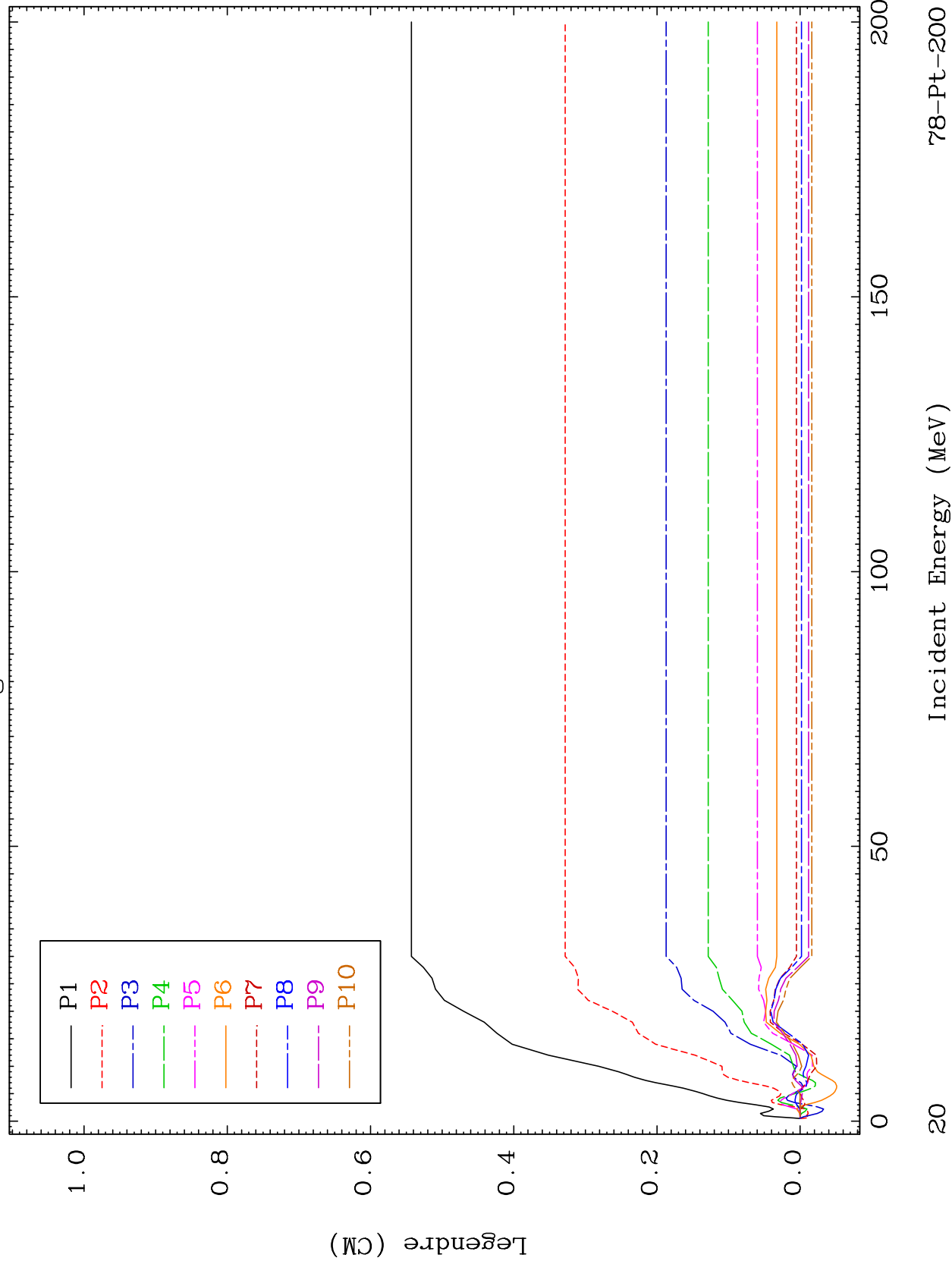


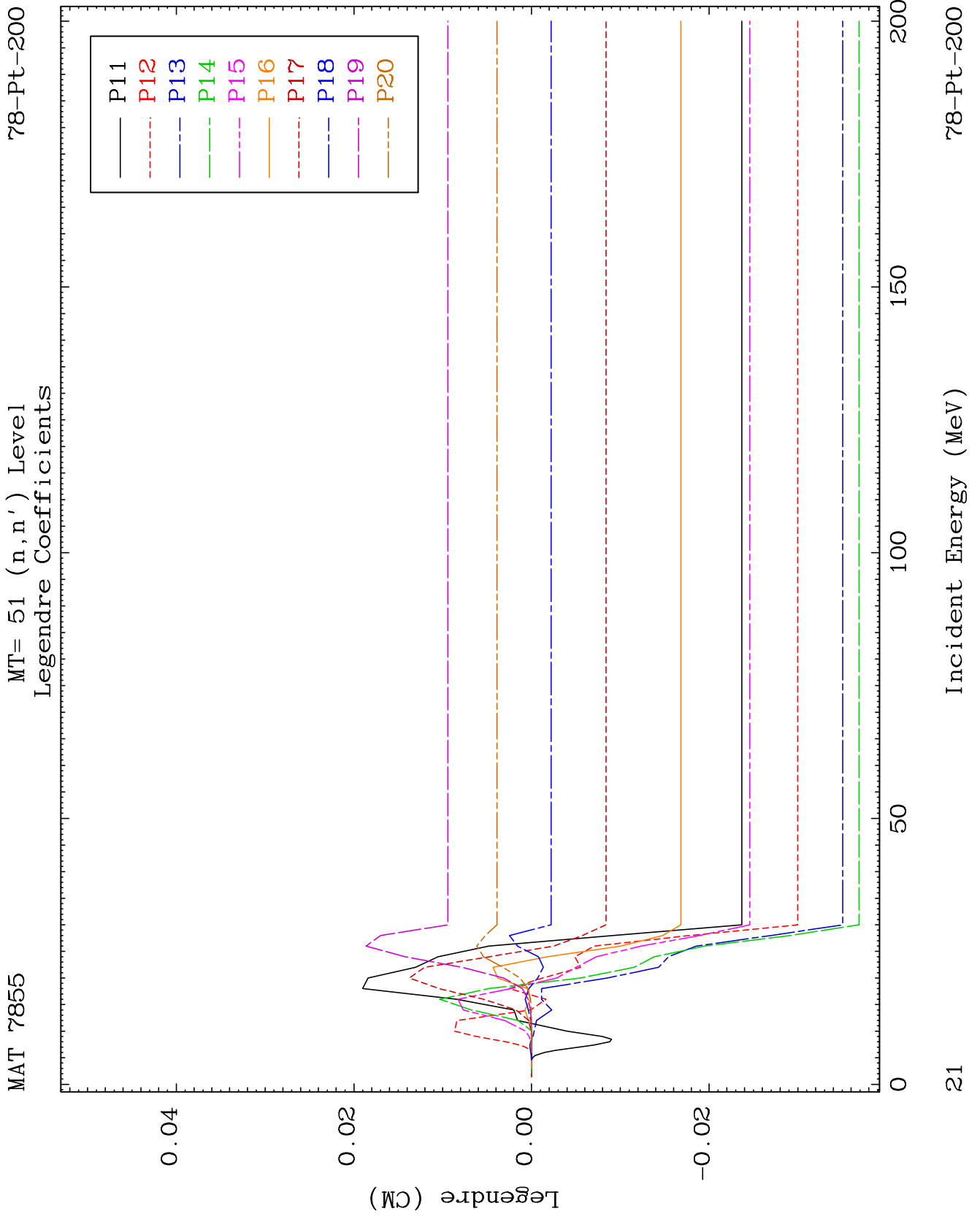


MAT 7855

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

78-Pt-200

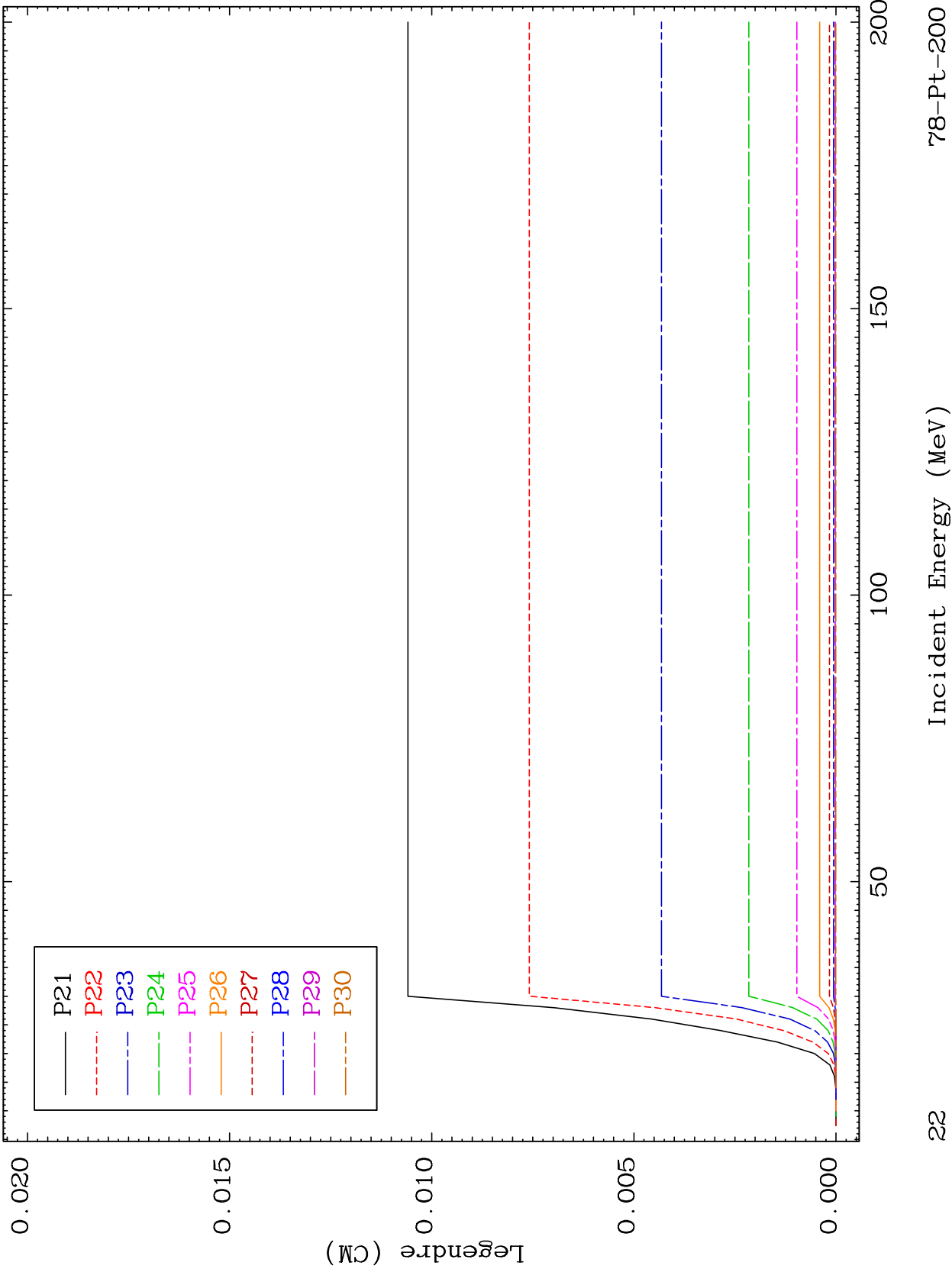




MAT 7855

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

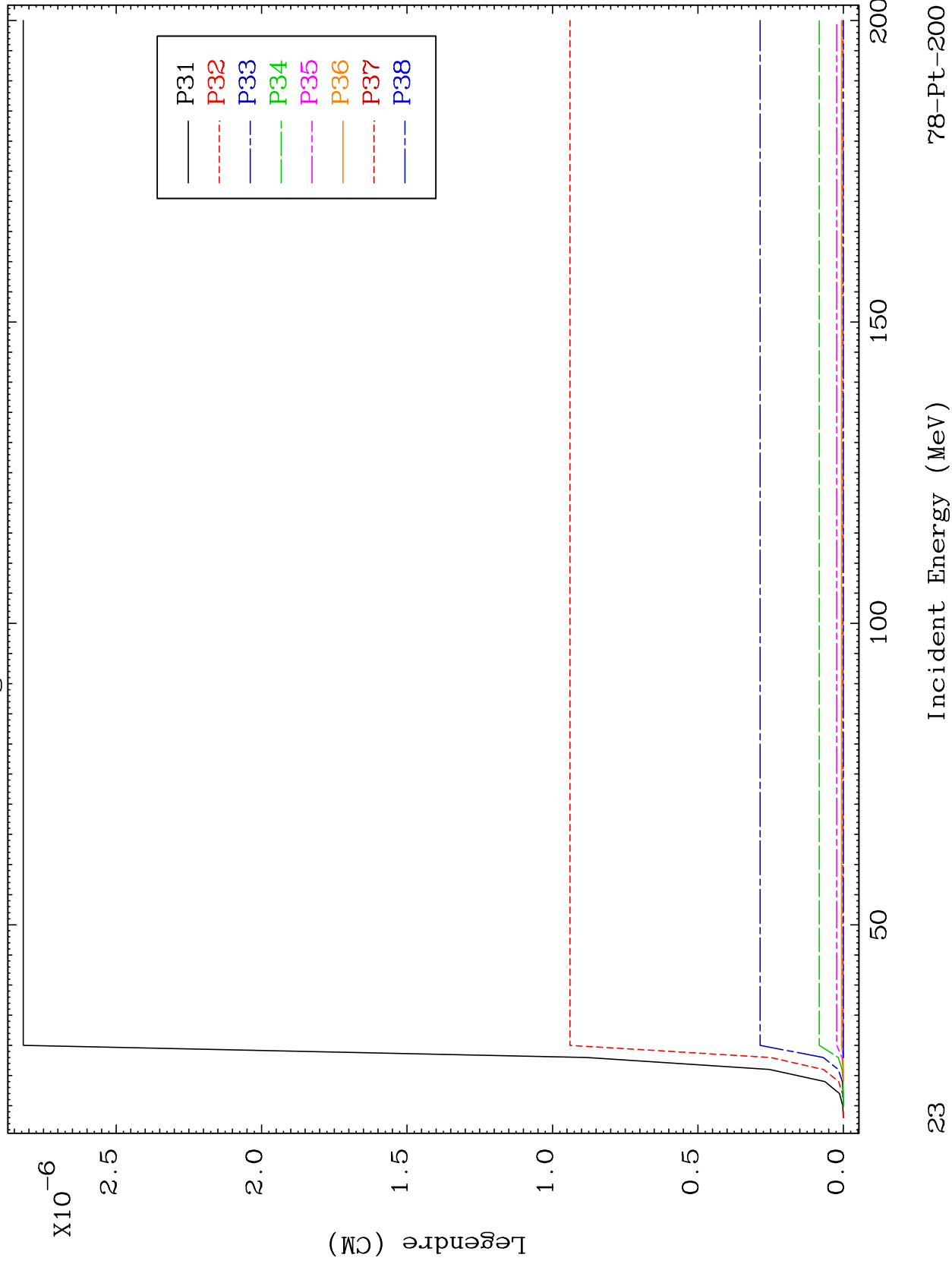
78-Pt-200



MAT 7855

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

78-Pt-200



23

Incident Energy (MeV)

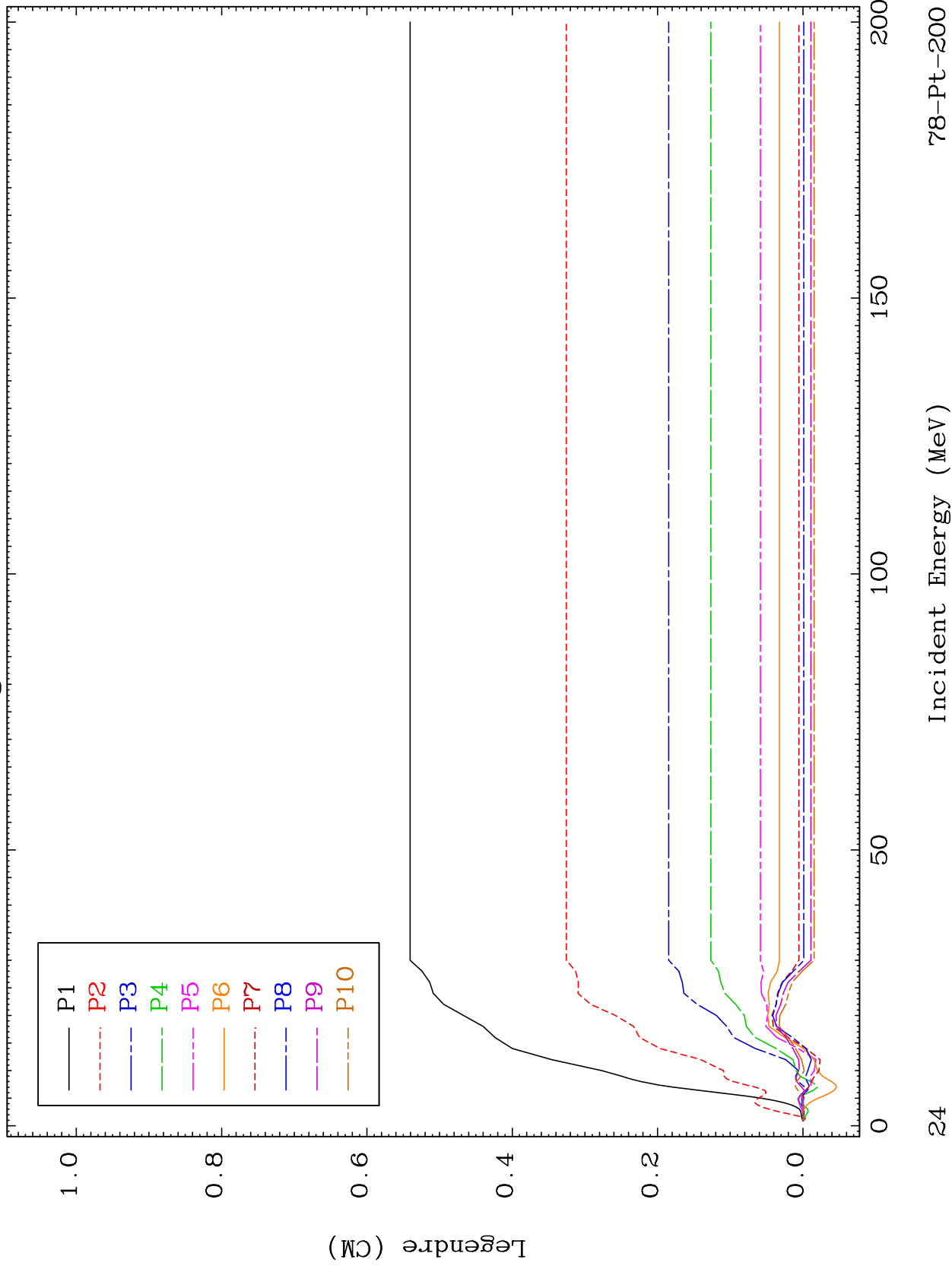
78-Pt-200



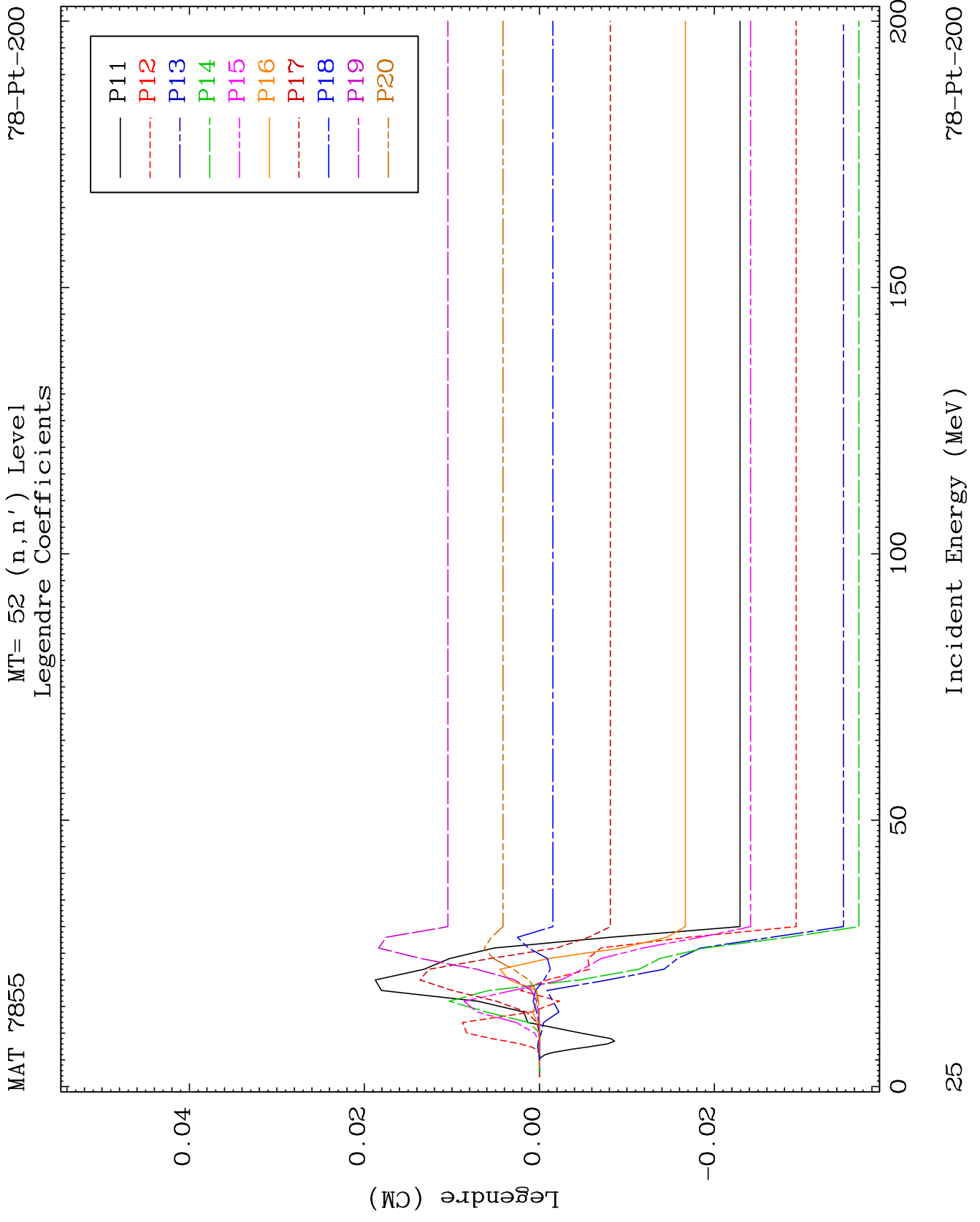
MAT 7855

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

78-Pt-200



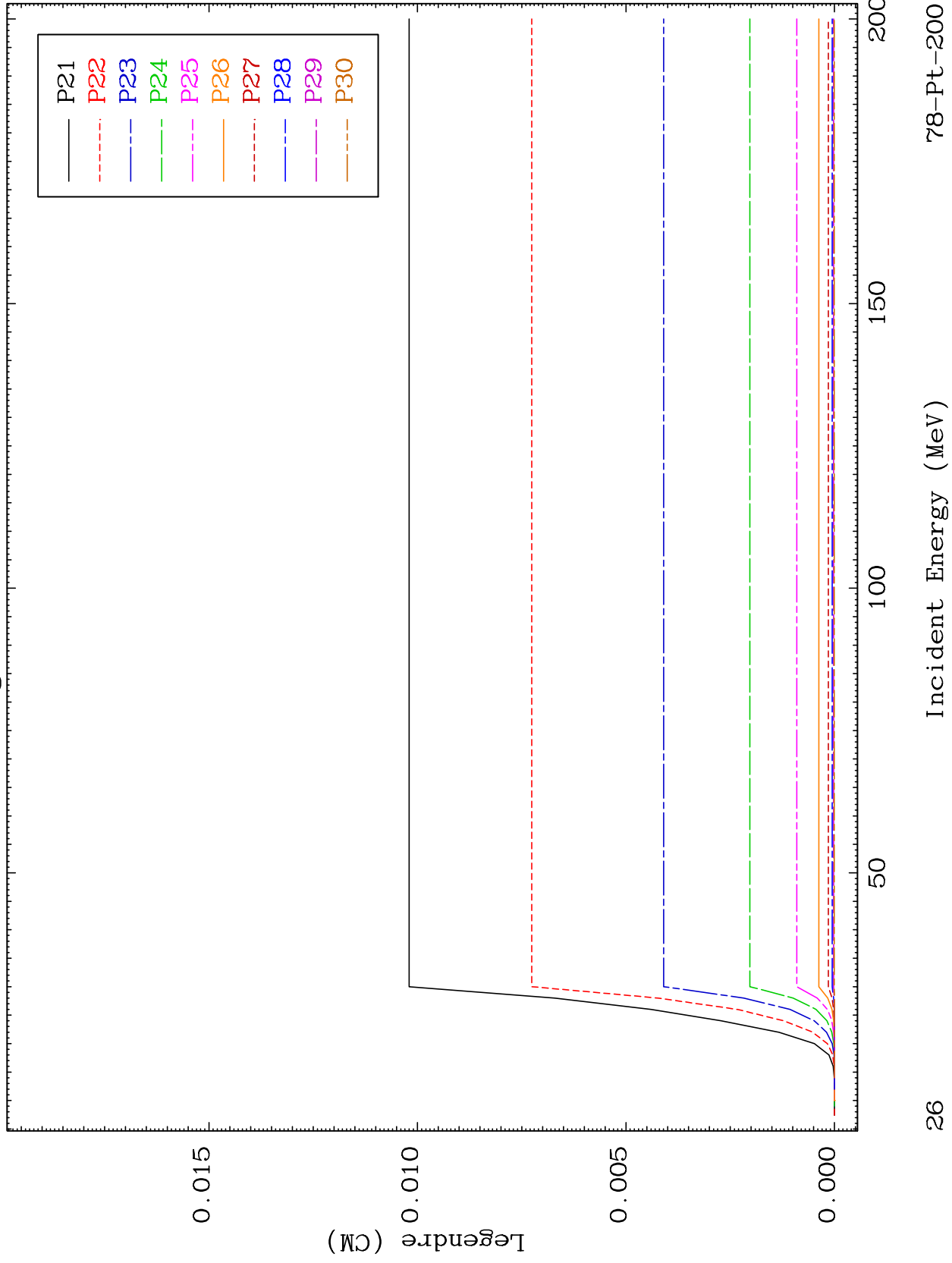
24



MAT 7855

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

78-Pt-200



26

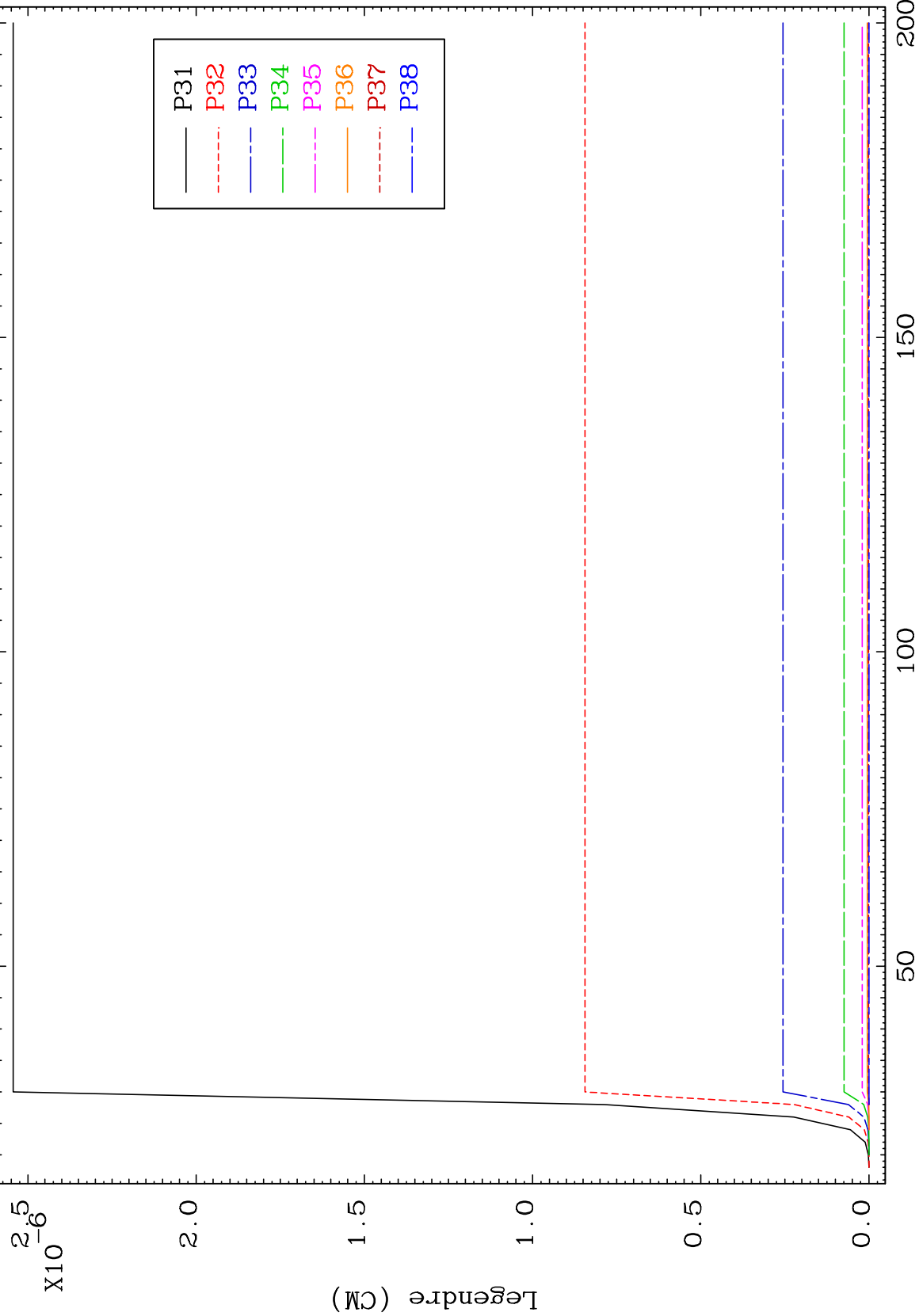
Incident Energy (MeV)

78-Pt-200

MAT 7855

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

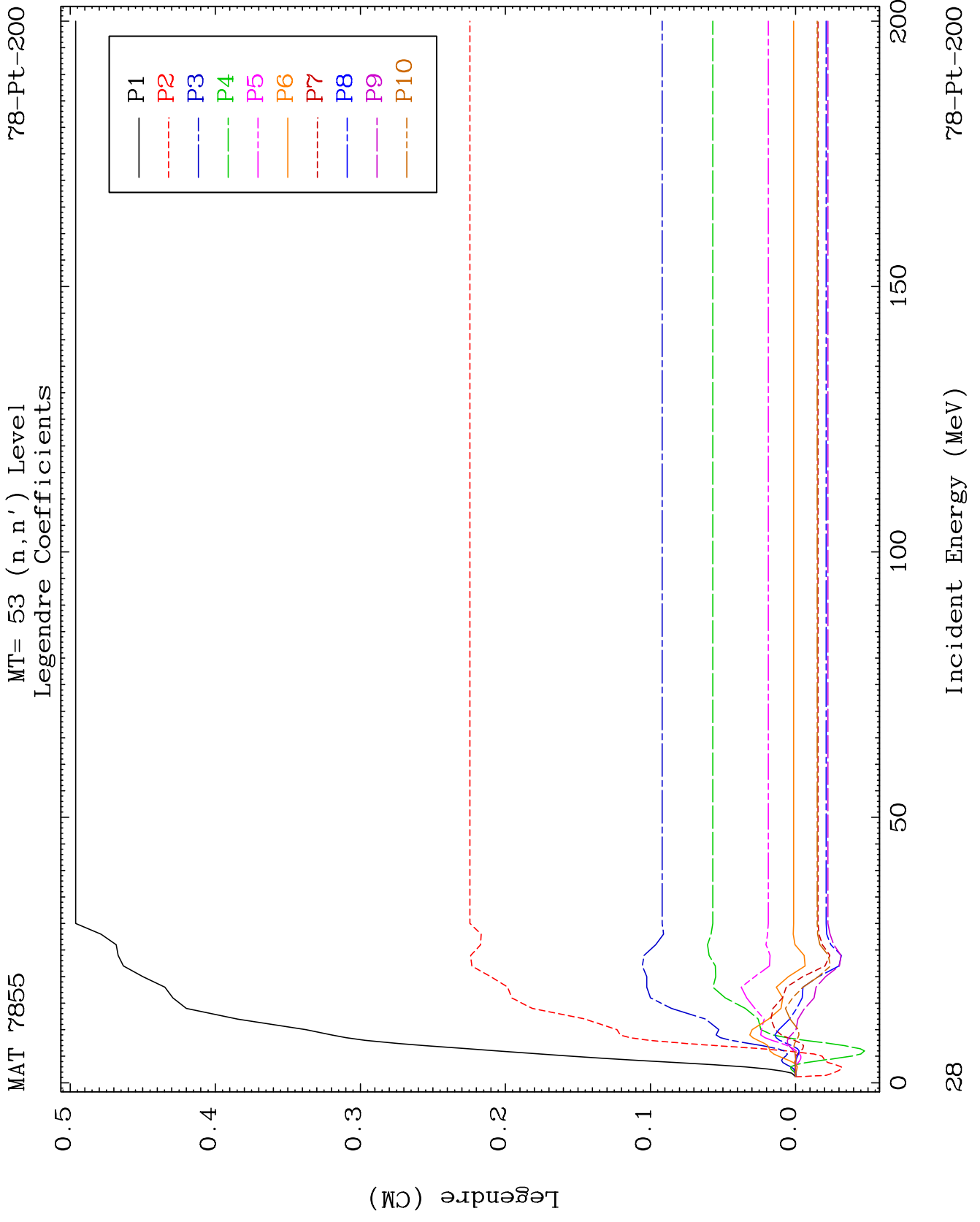
78-Pt-200



27

Incident Energy (MeV)

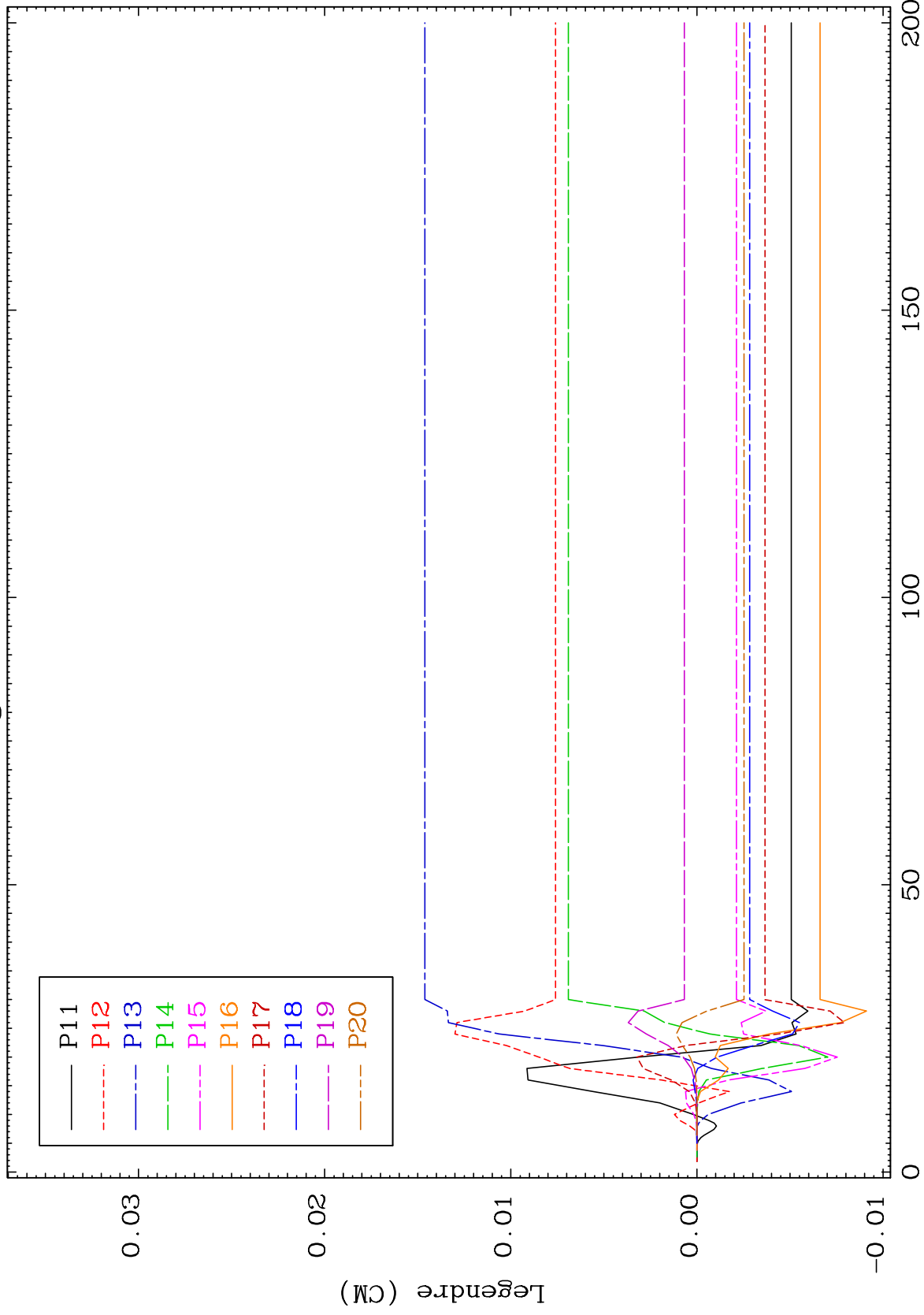
78-Pt-200



MAT 7855

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

78-Pt-200



29

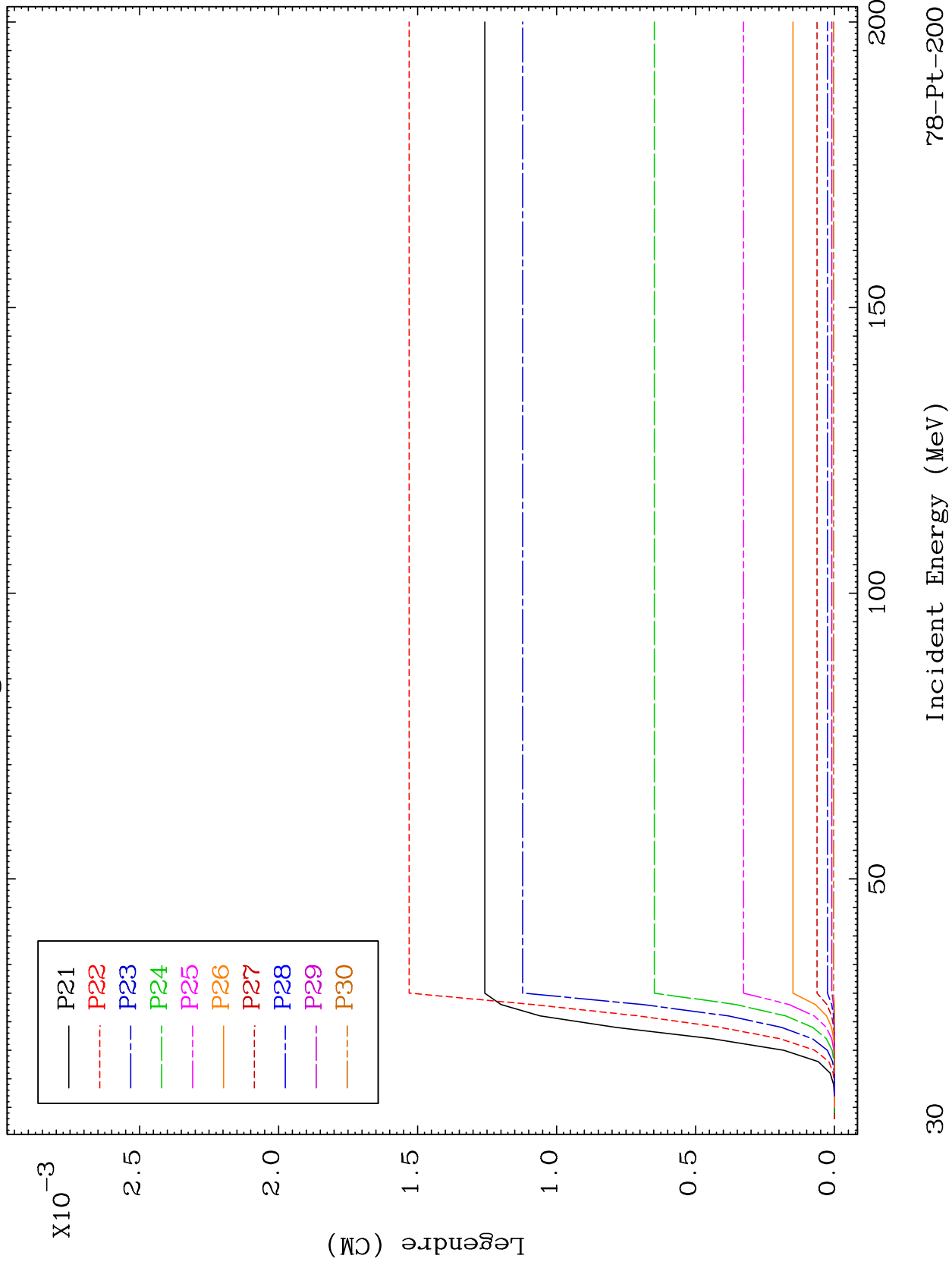
Incident Energy (MeV)

78-Pt-200

MAT 7855

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

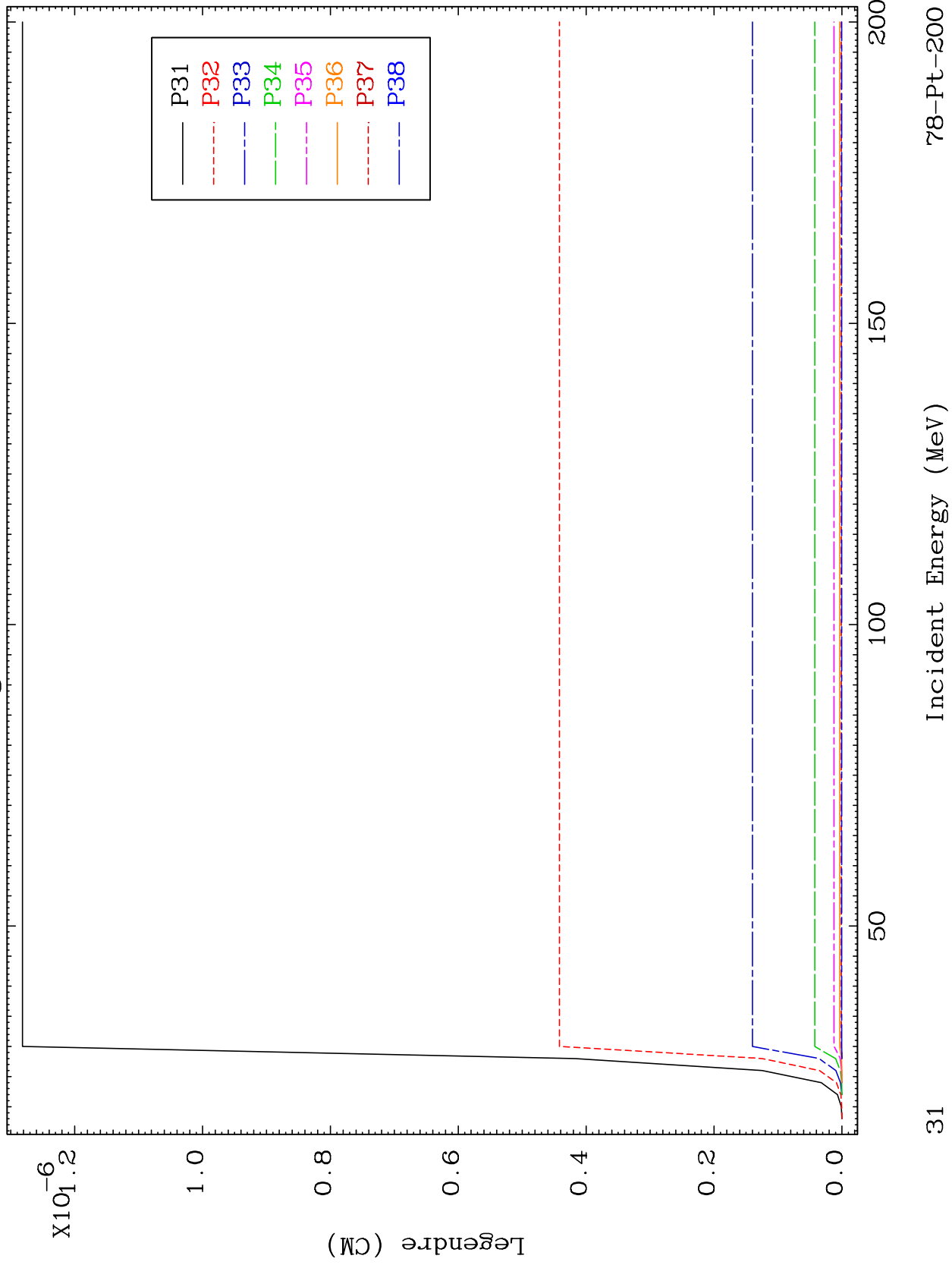
78-Pt-200



MAT 7855

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

78-Pt-200



31

Incident Energy (MeV)

78-Pt-200

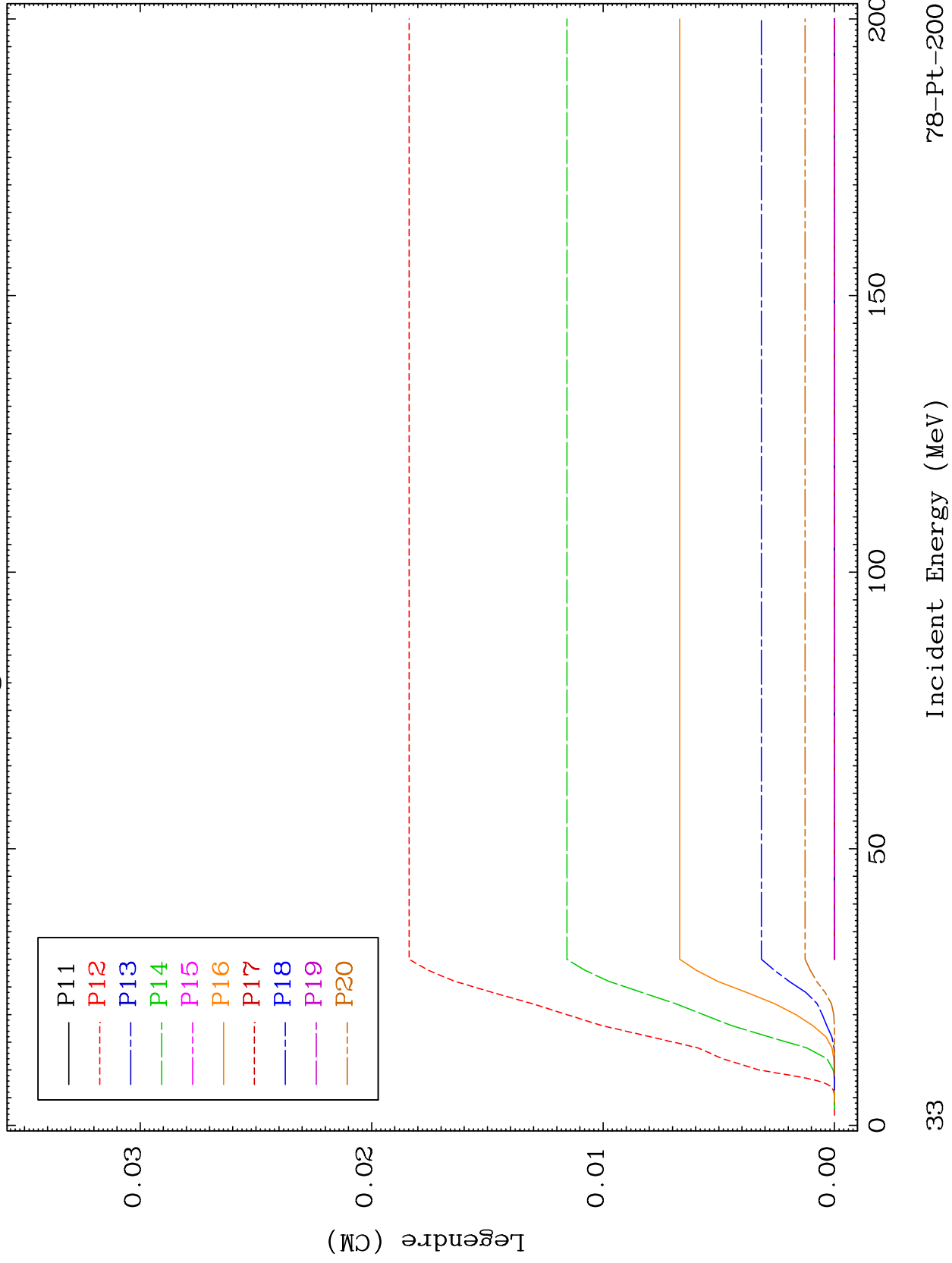


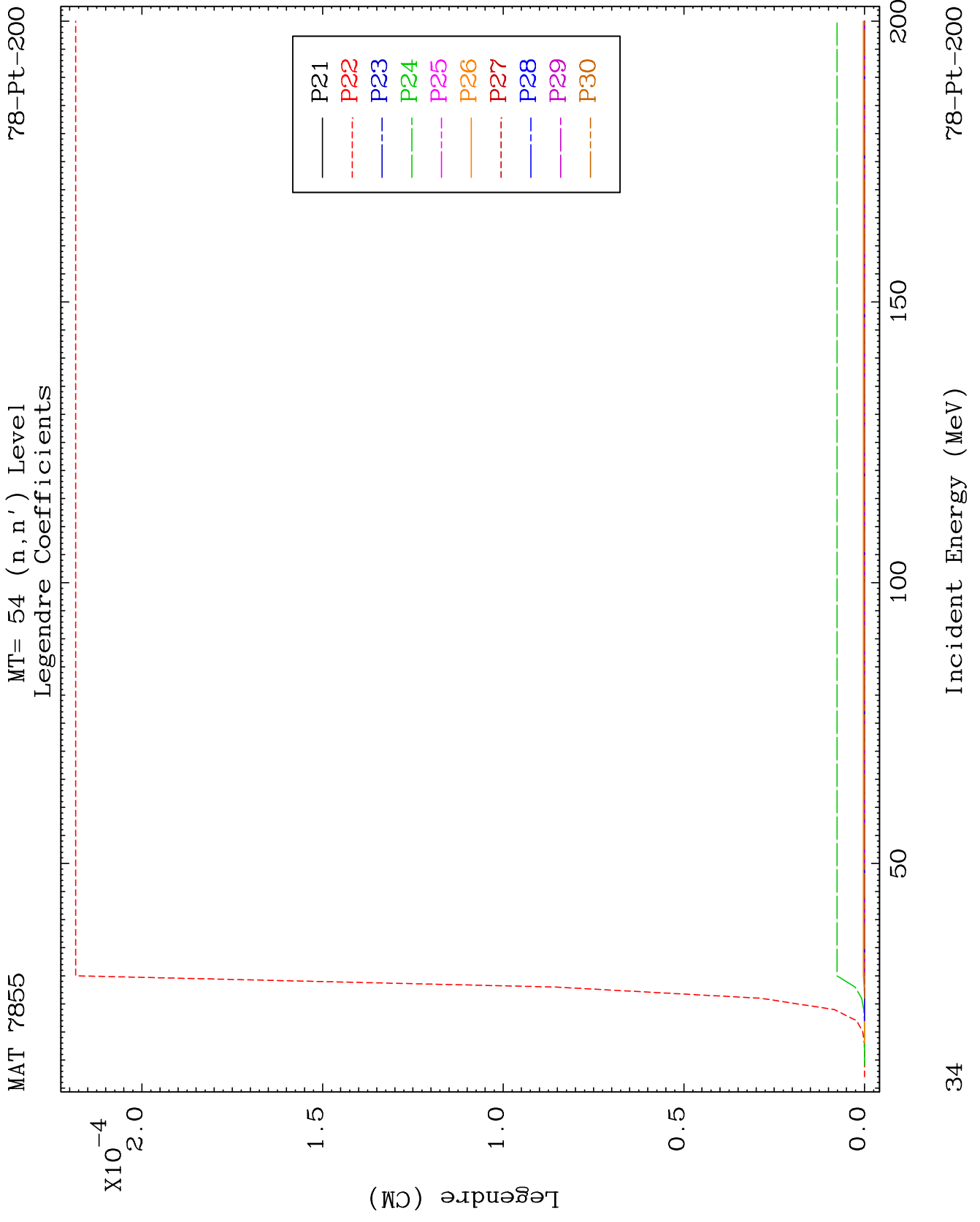


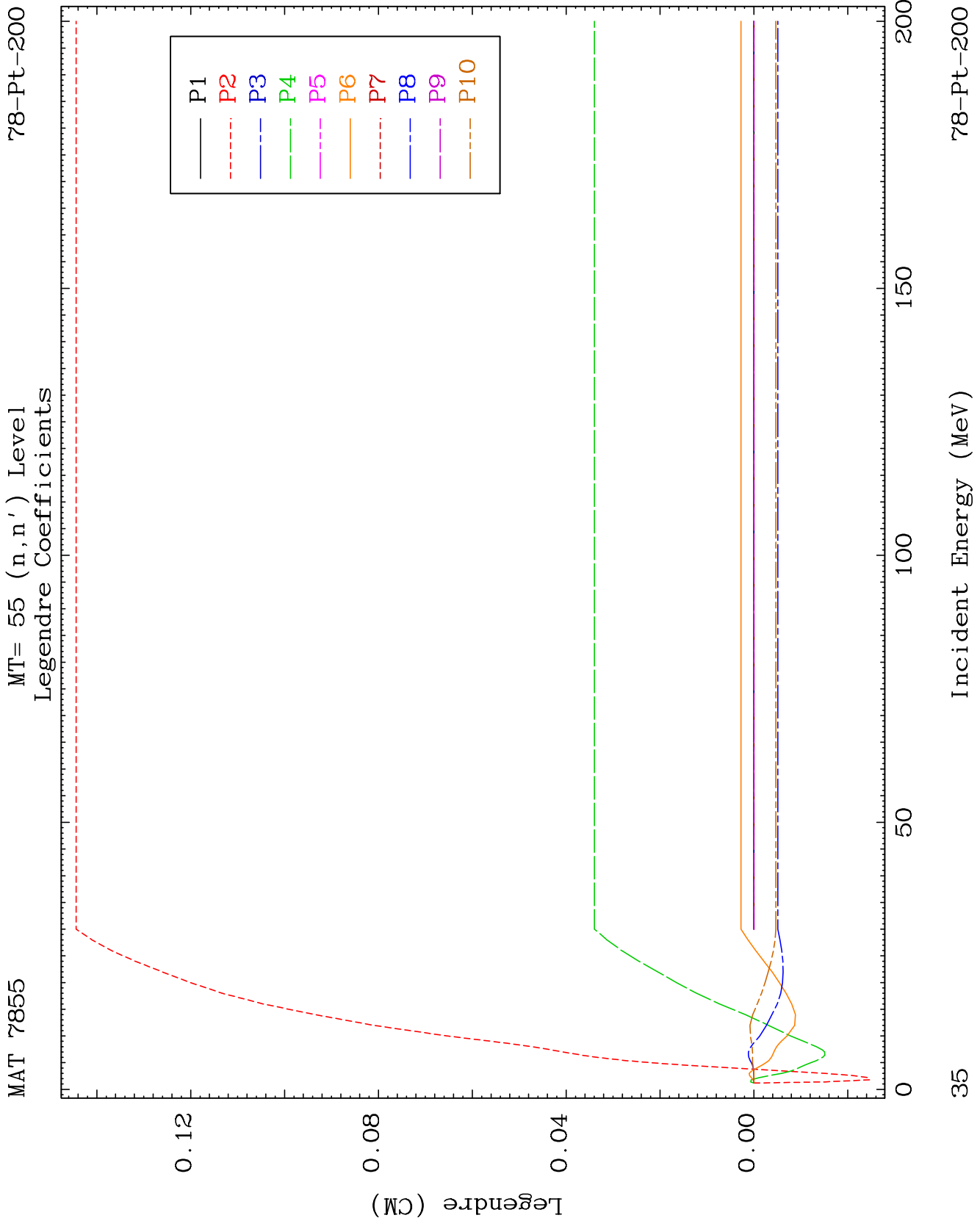
MAT 78555

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

78-Pt-200



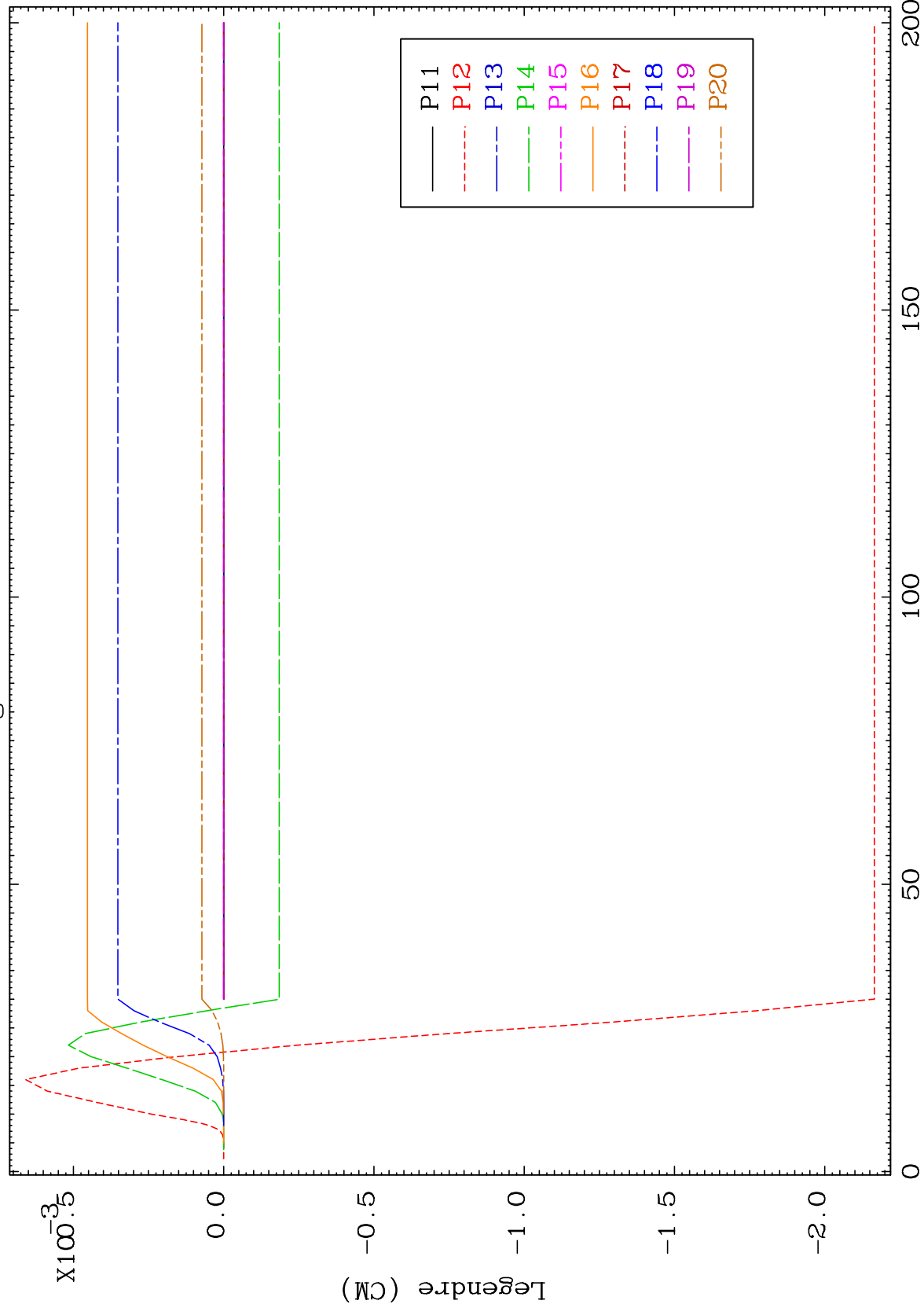




MAT 7855

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

78-Pt-200

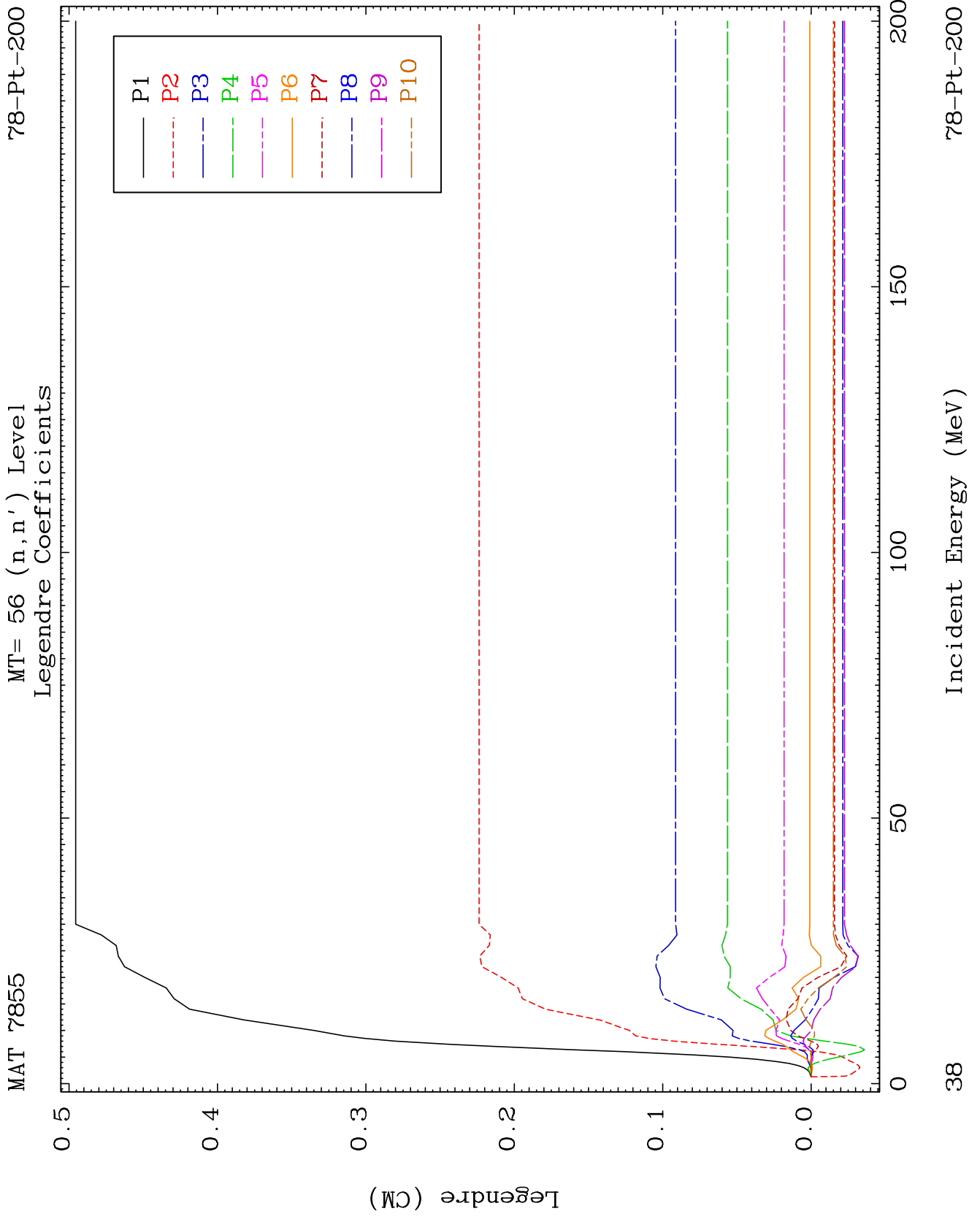


36

Incident Energy (MeV)

78-Pt-200

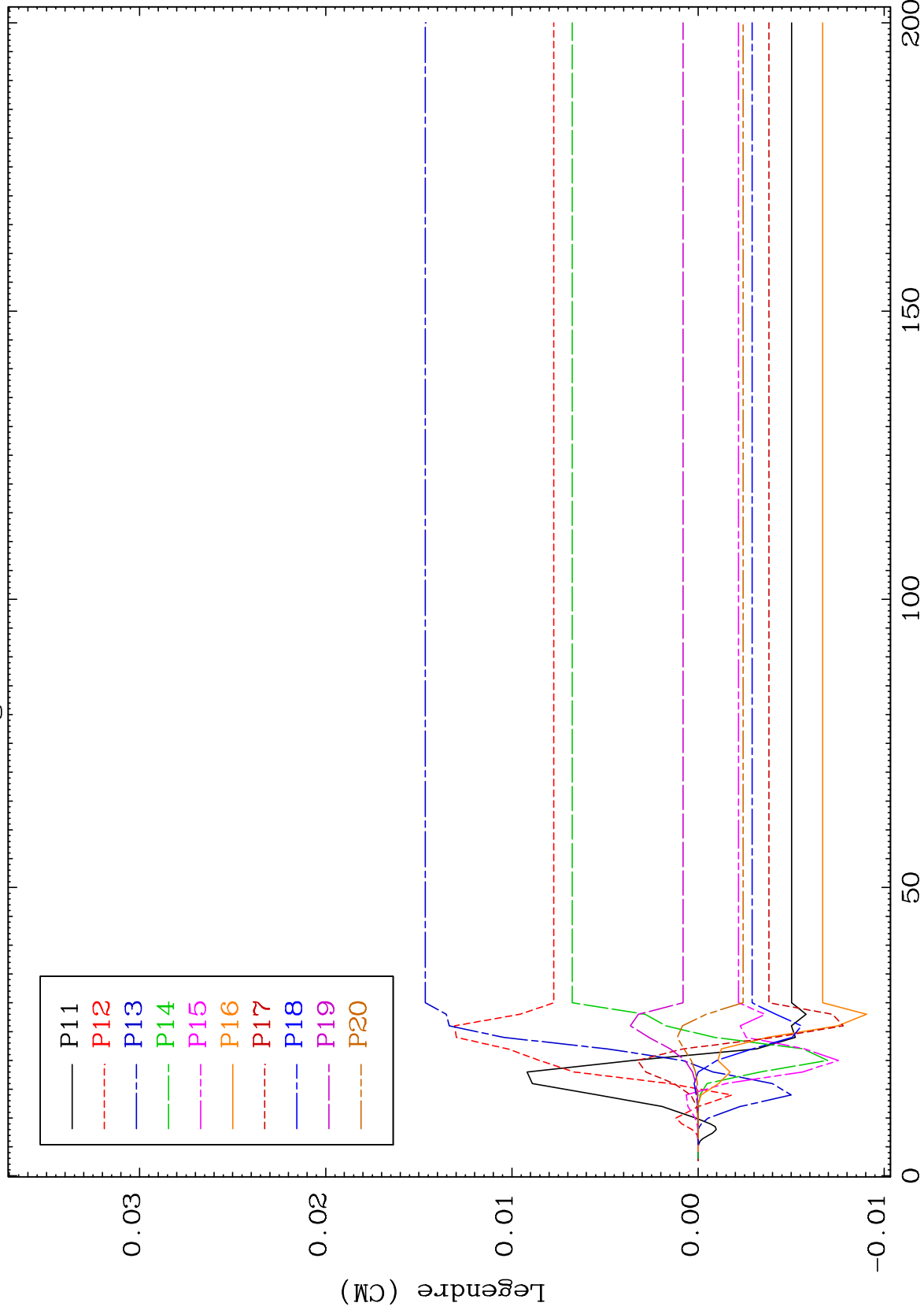




MAT 7855

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

78-Pt-200



39

Incident Energy (MeV)

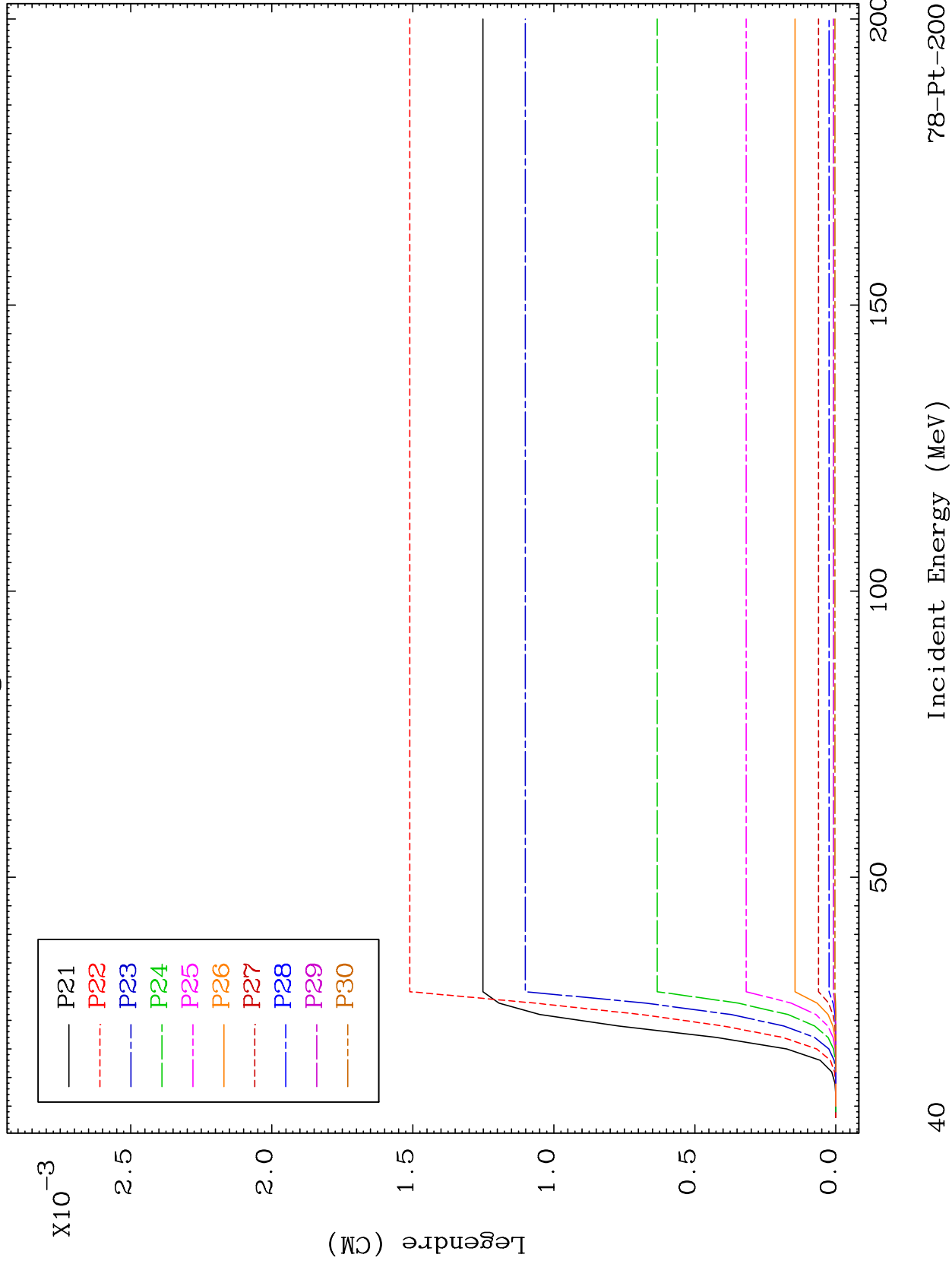
78-Pt-200



MAT 78555

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

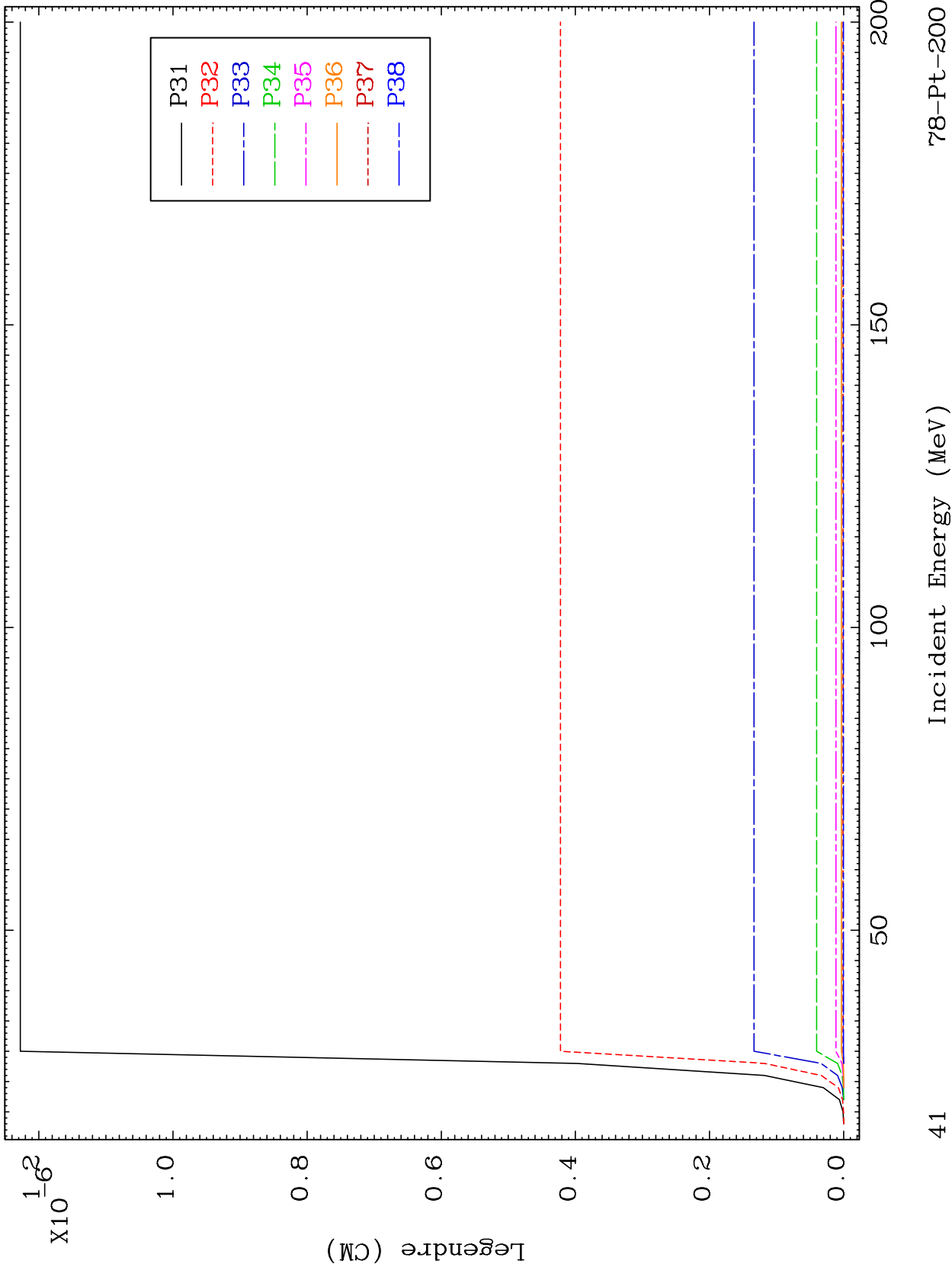
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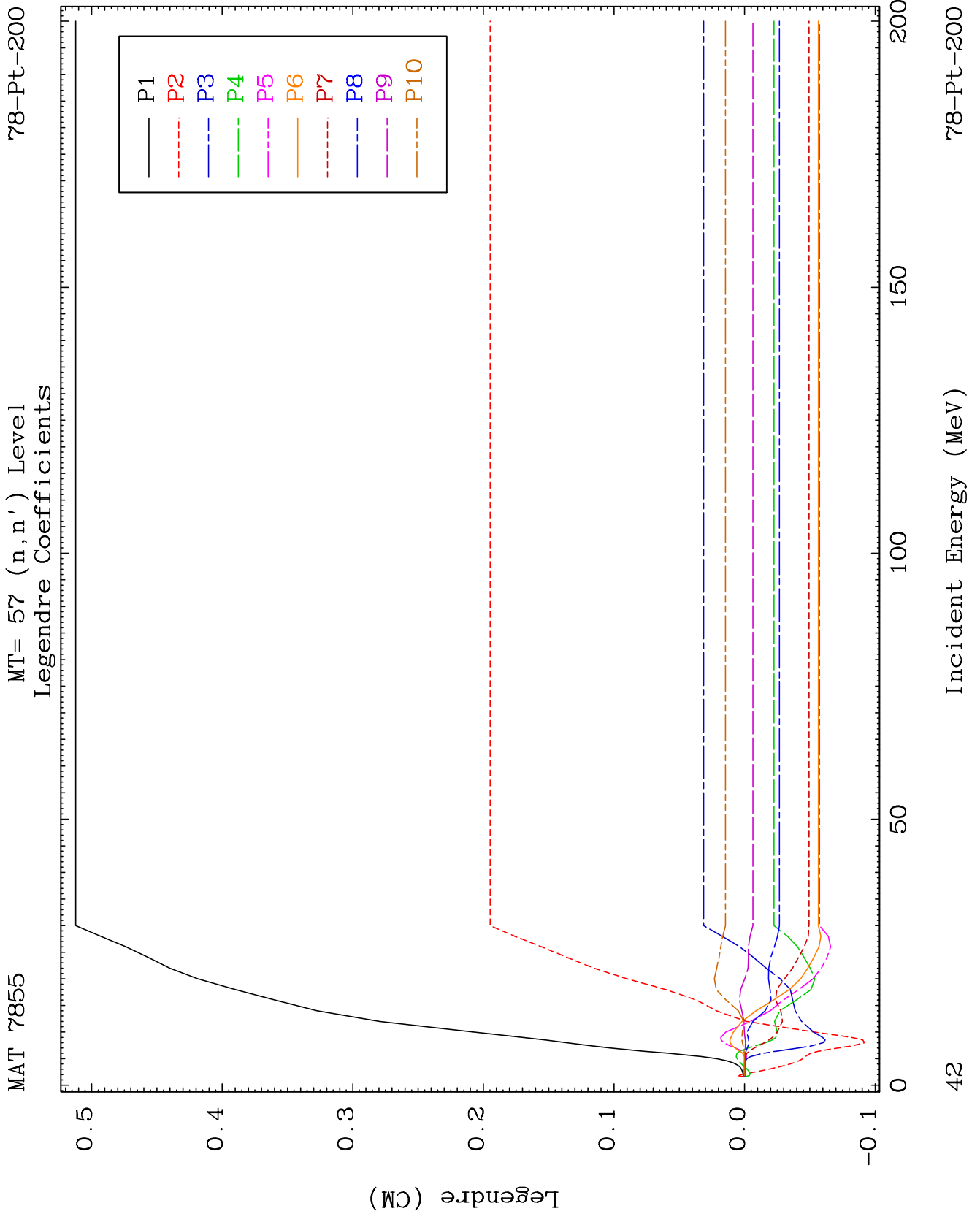


MAT 7855

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

78-Pt-200



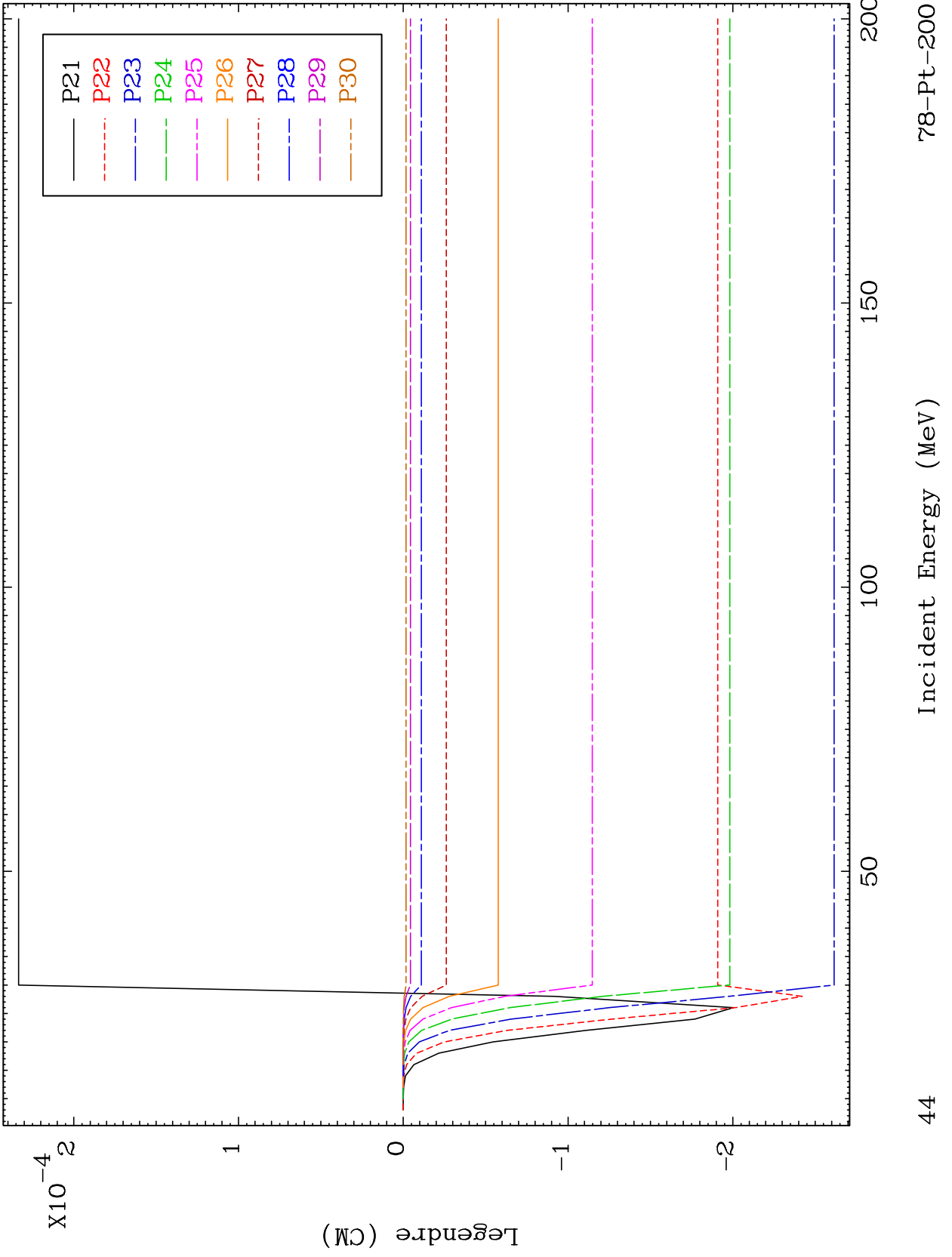




MAT 7855

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

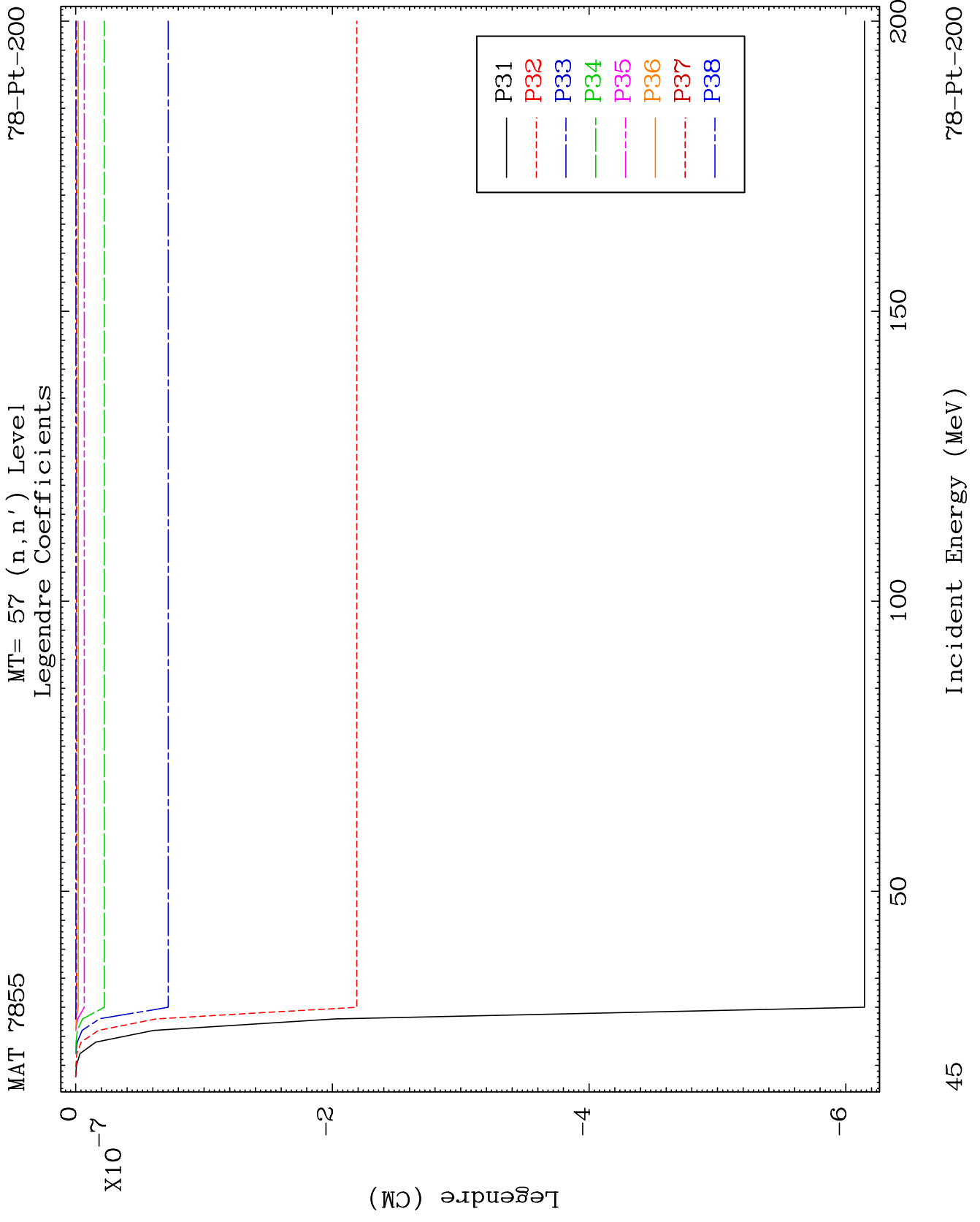
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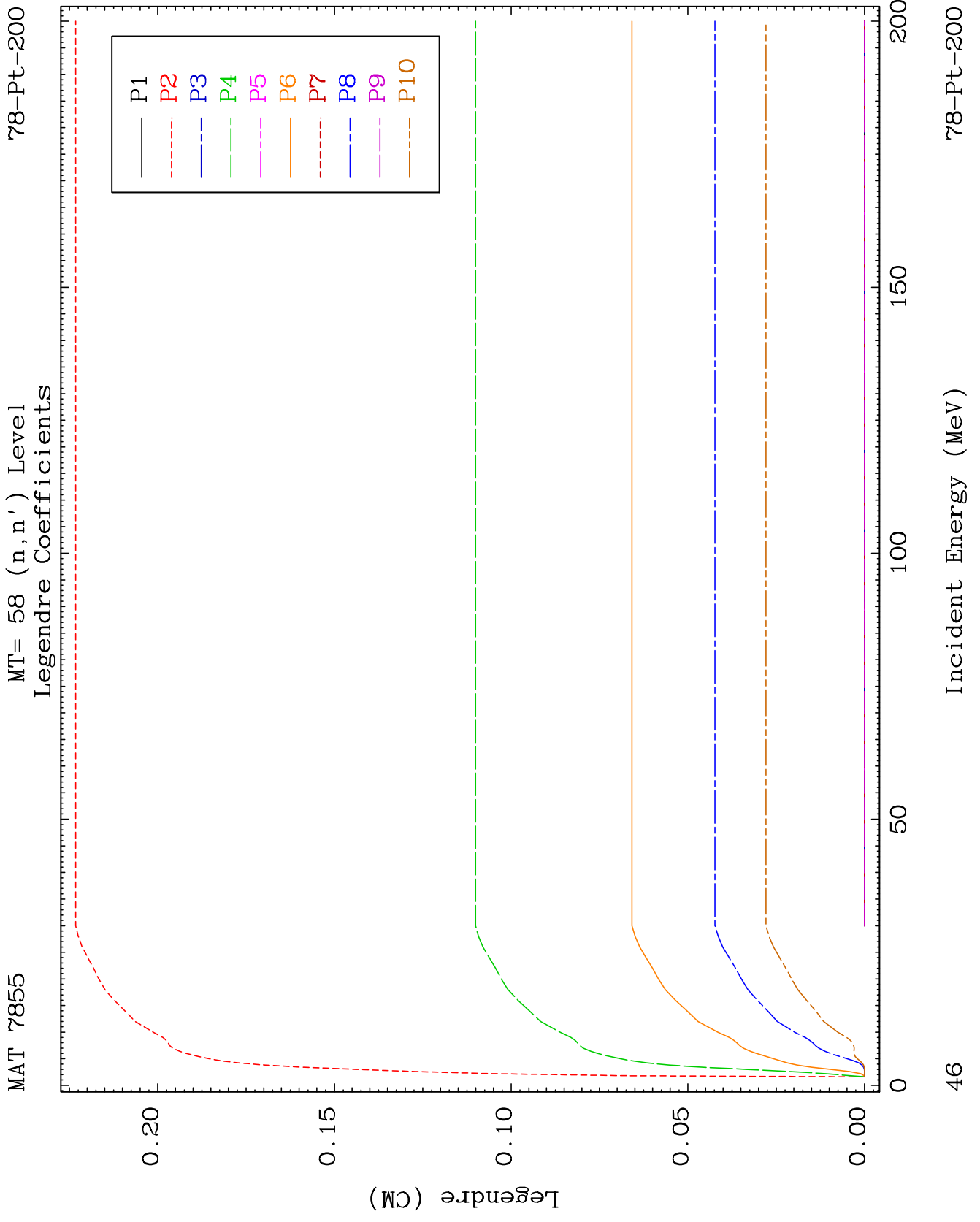


44

Incident Energy (MeV)

78-Pt-200

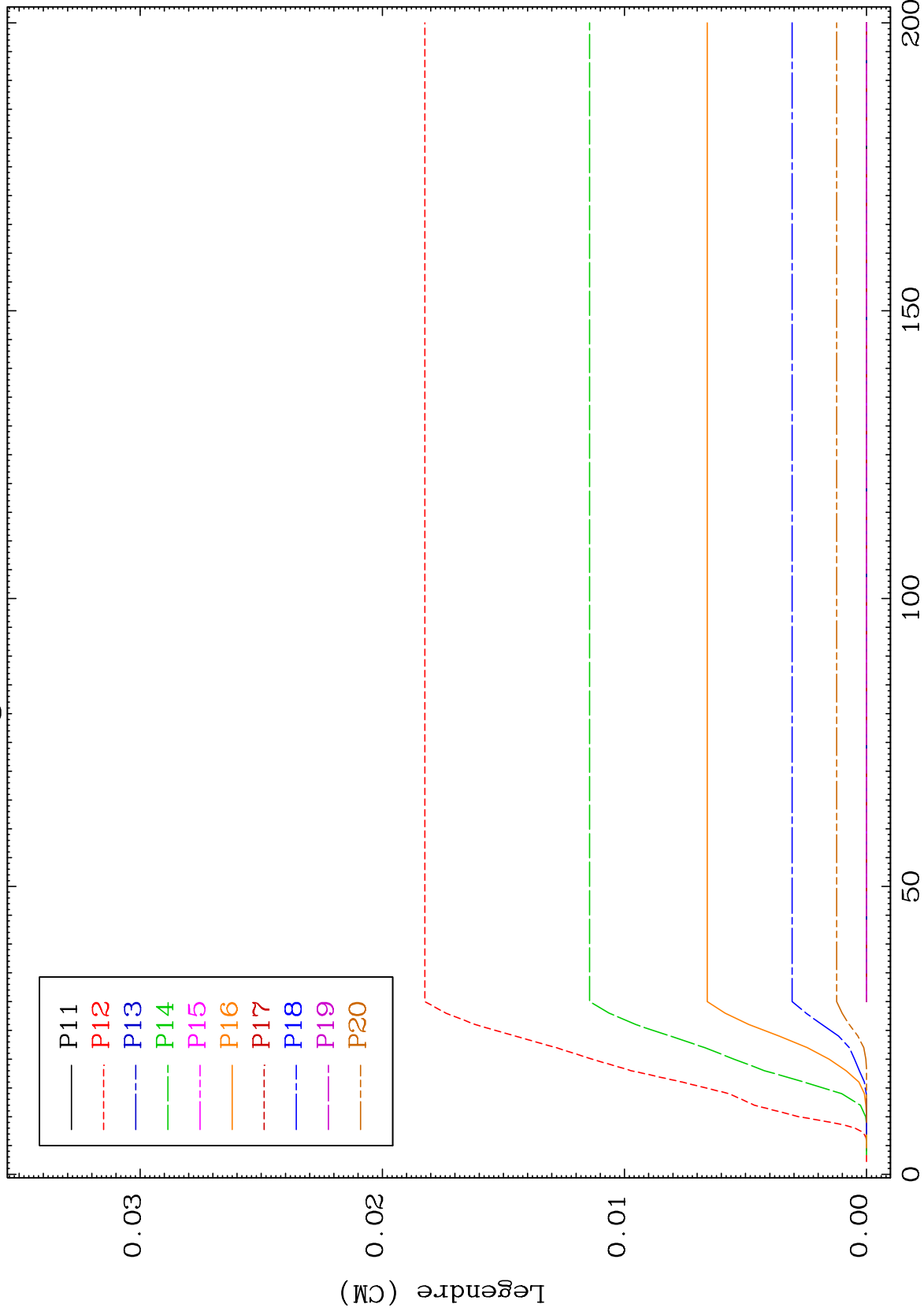




MAT 78555

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

78-Pt-200

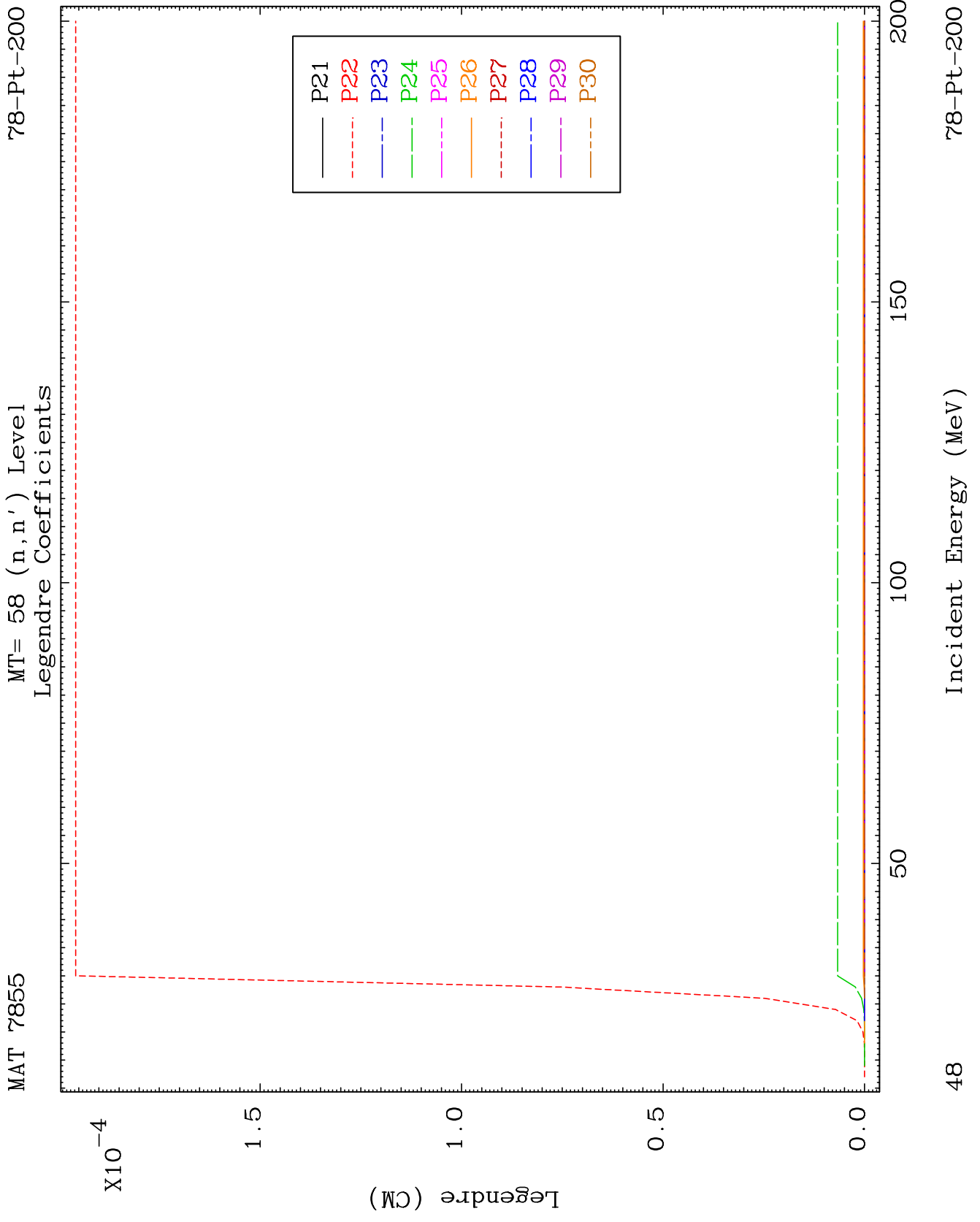


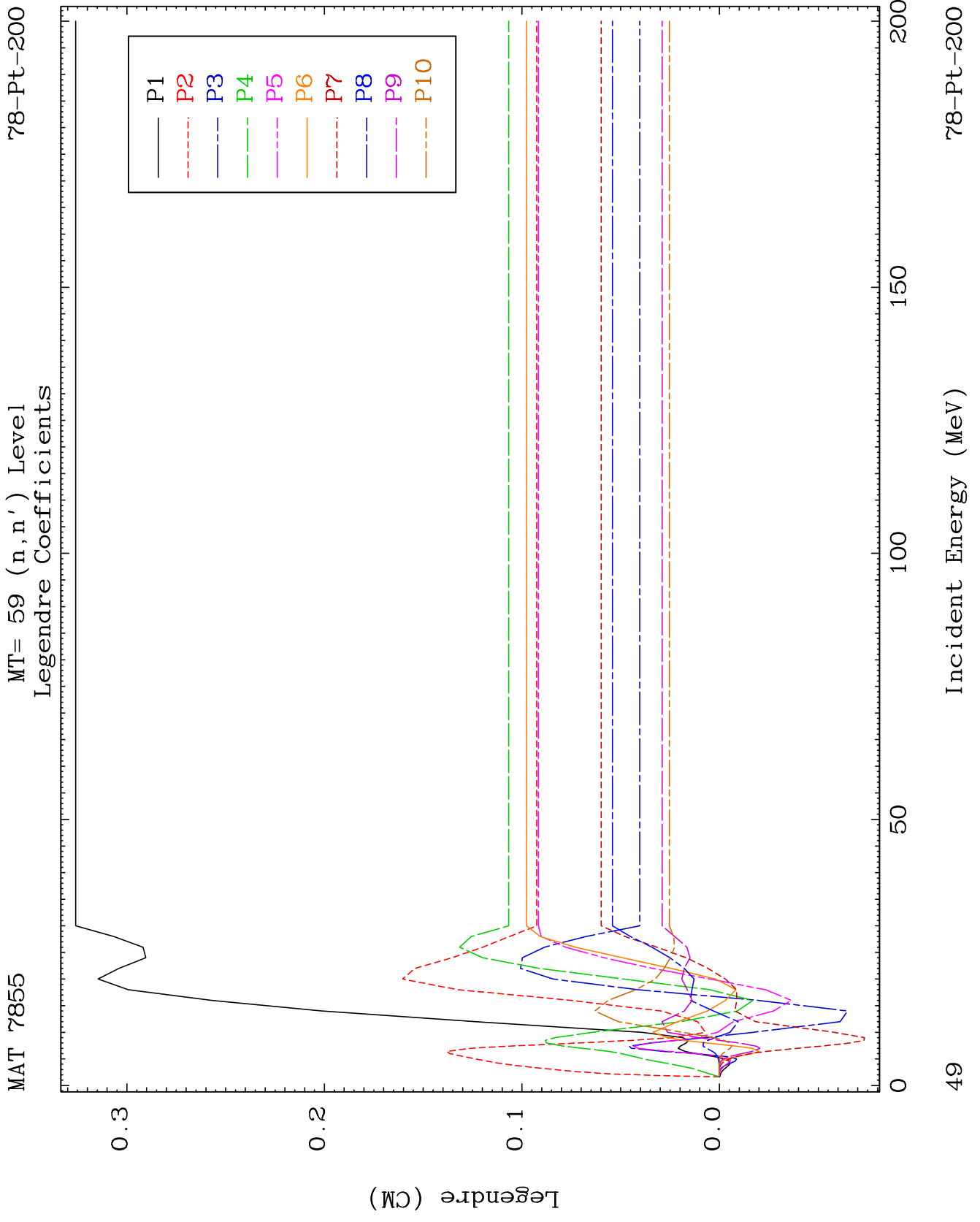
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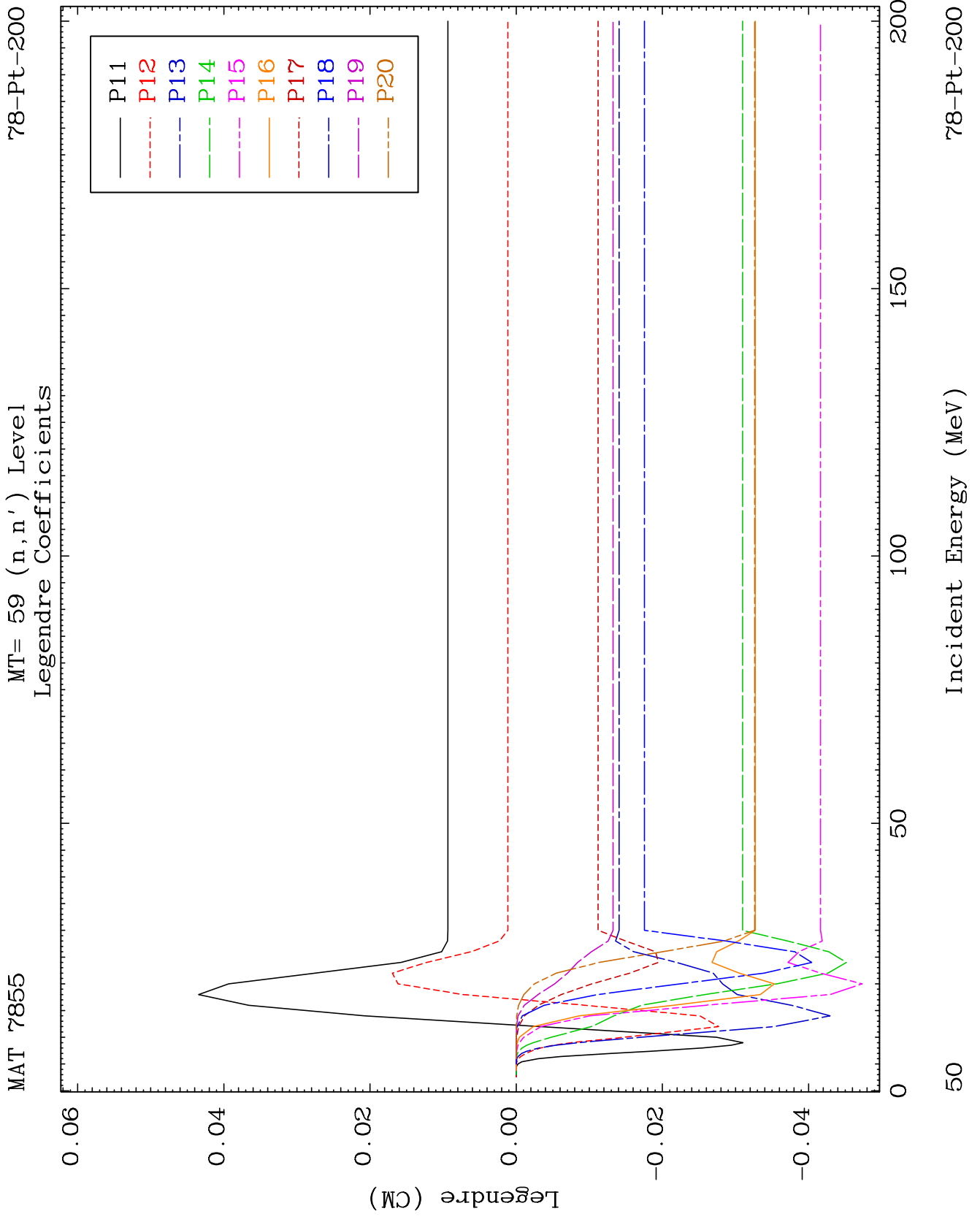
Incident Energy (MeV)

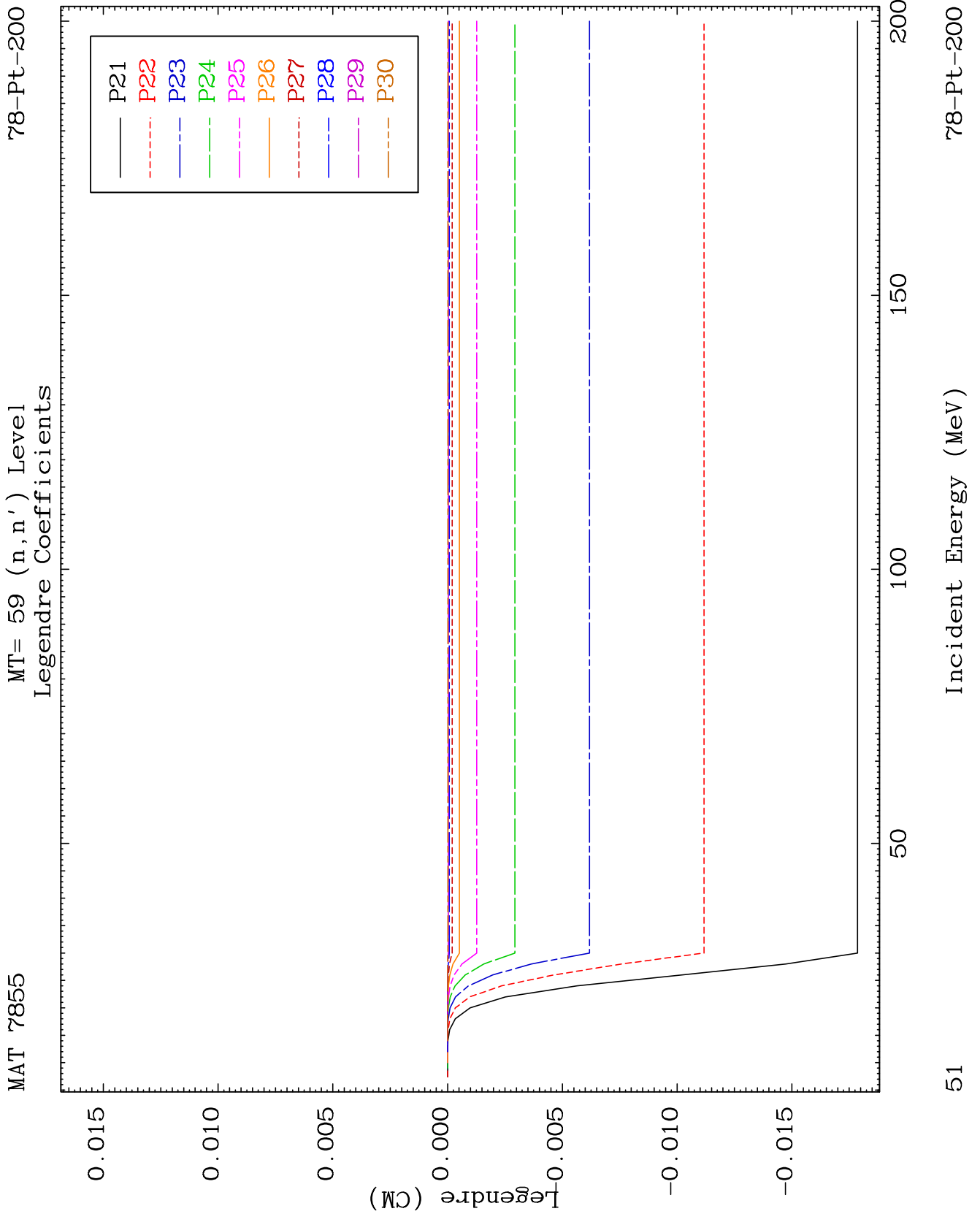
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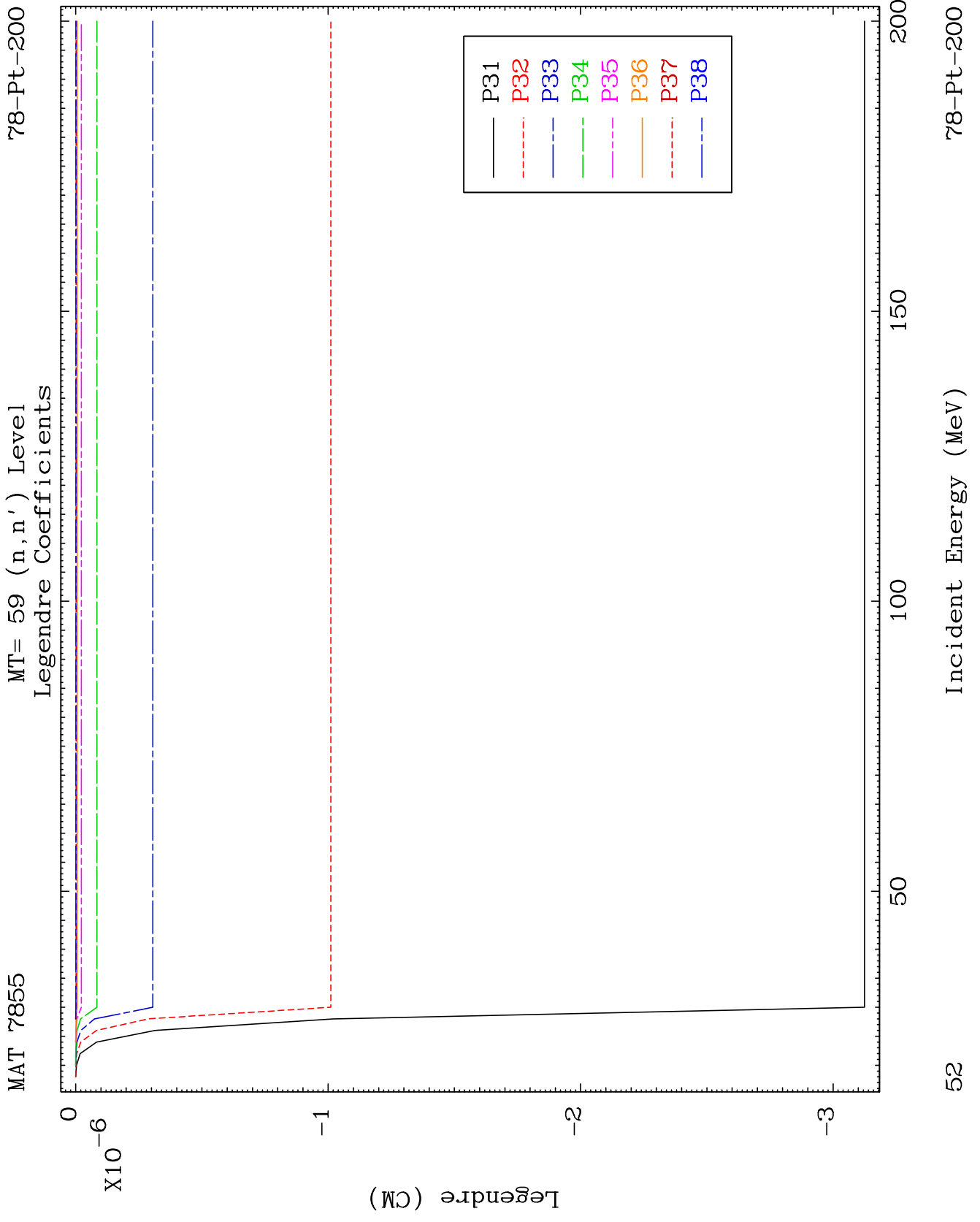








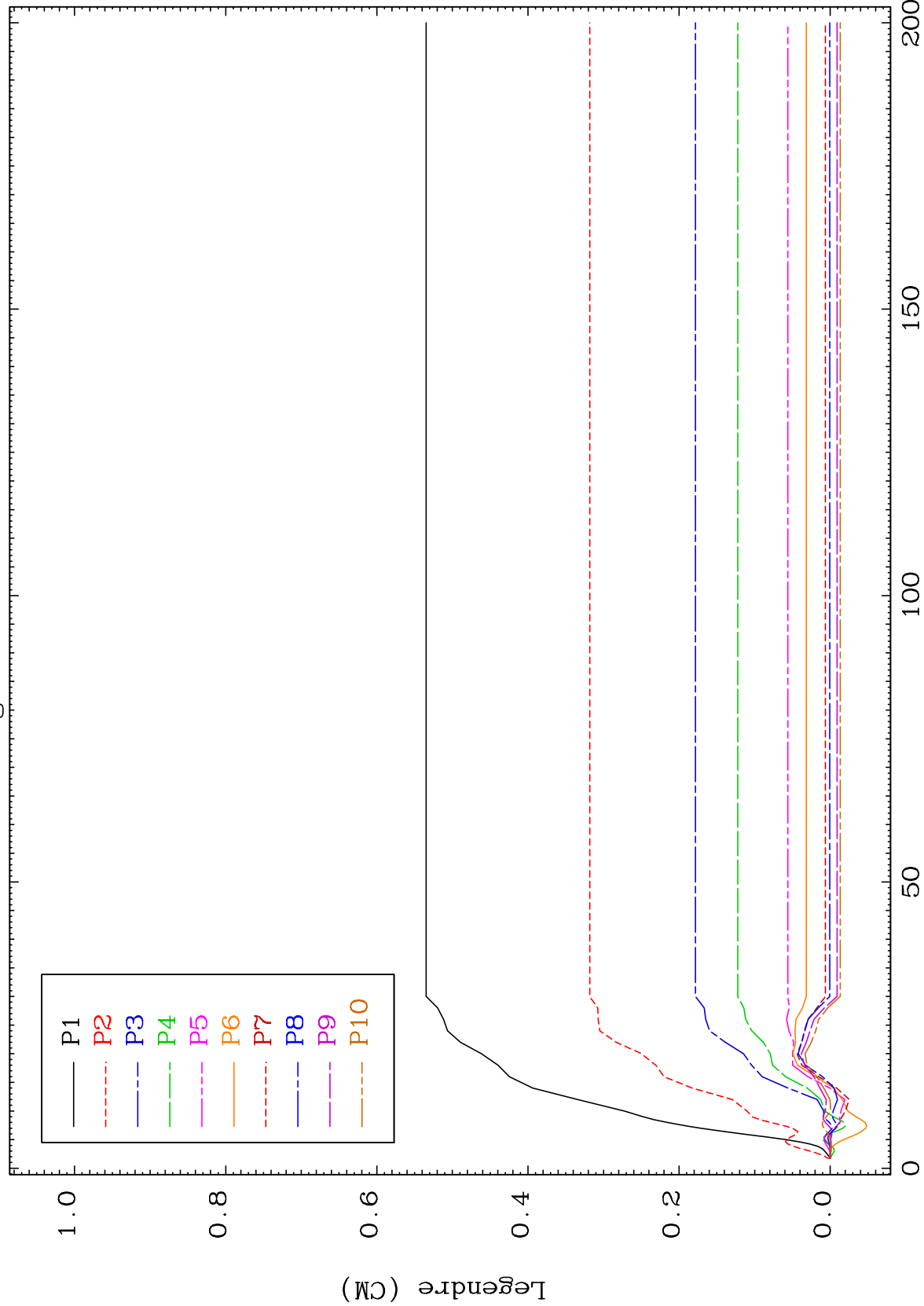




MAT 7855

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

78-Pt-200



53

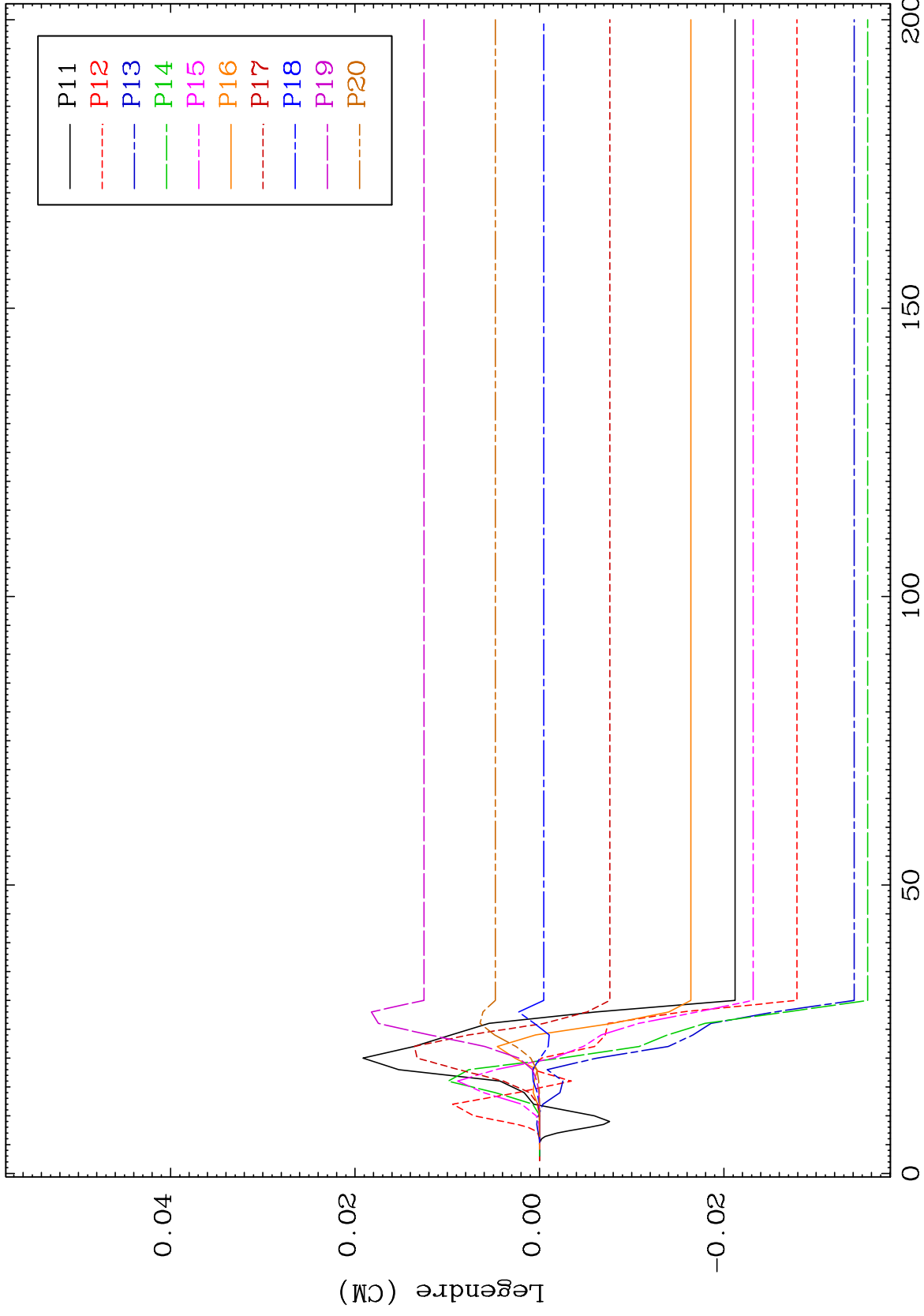
Incident Energy (MeV)

78-Pt-200

MAT 7855

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

78-Pt-200



54

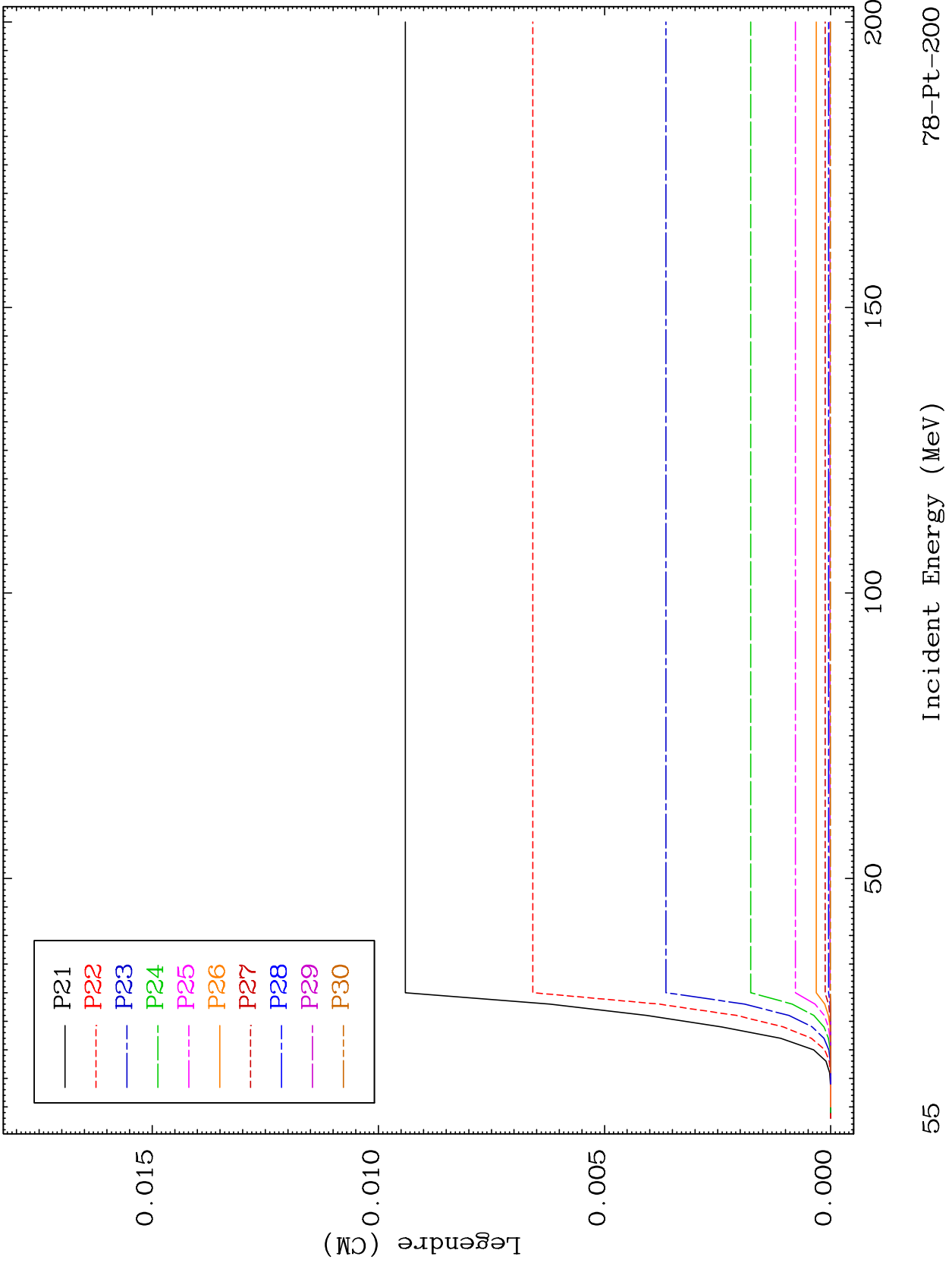
Incident Energy (MeV)

78-Pt-200

MAT 7855

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

78-Pt-200

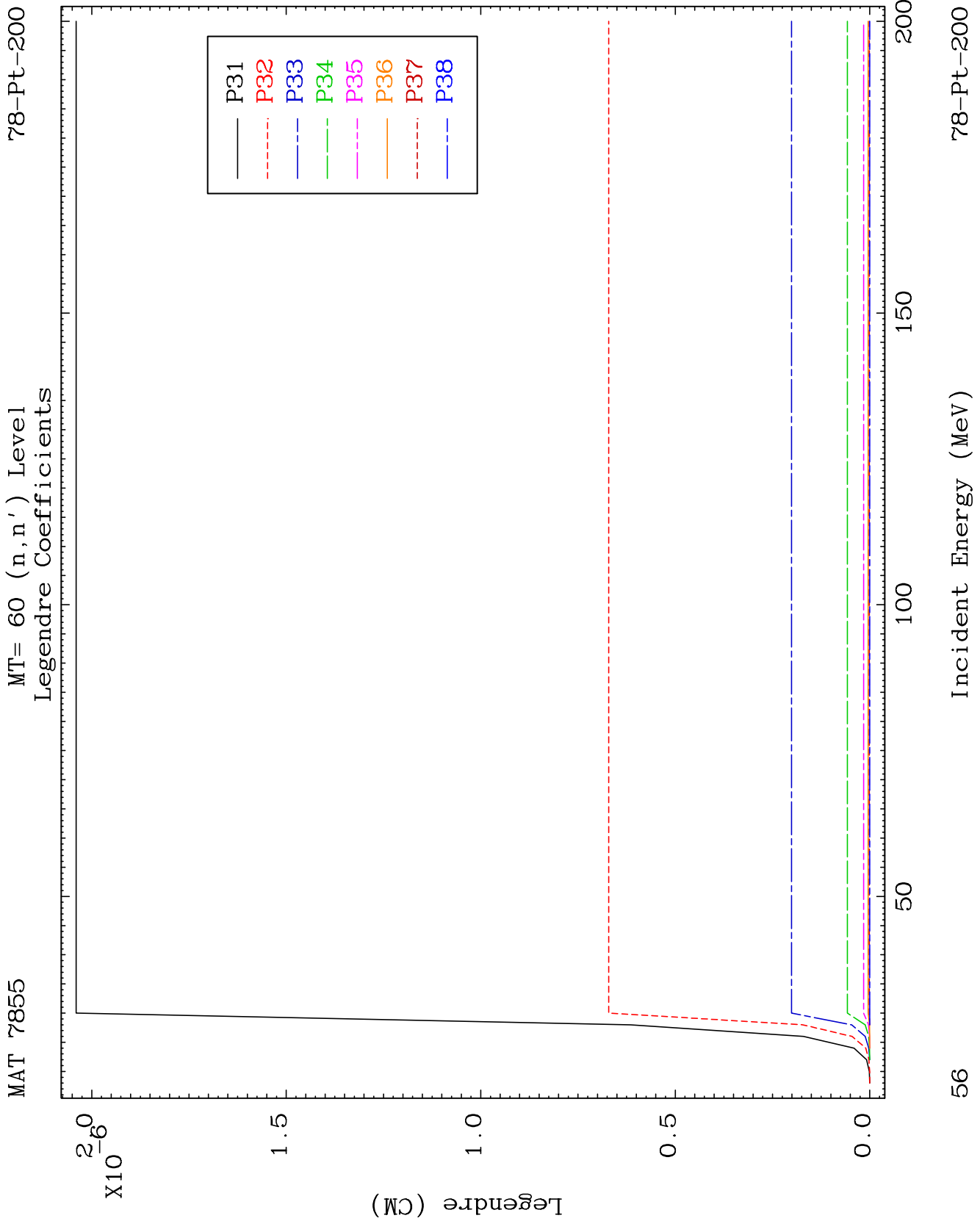


55

Incident Energy (MeV)

78-Pt-200

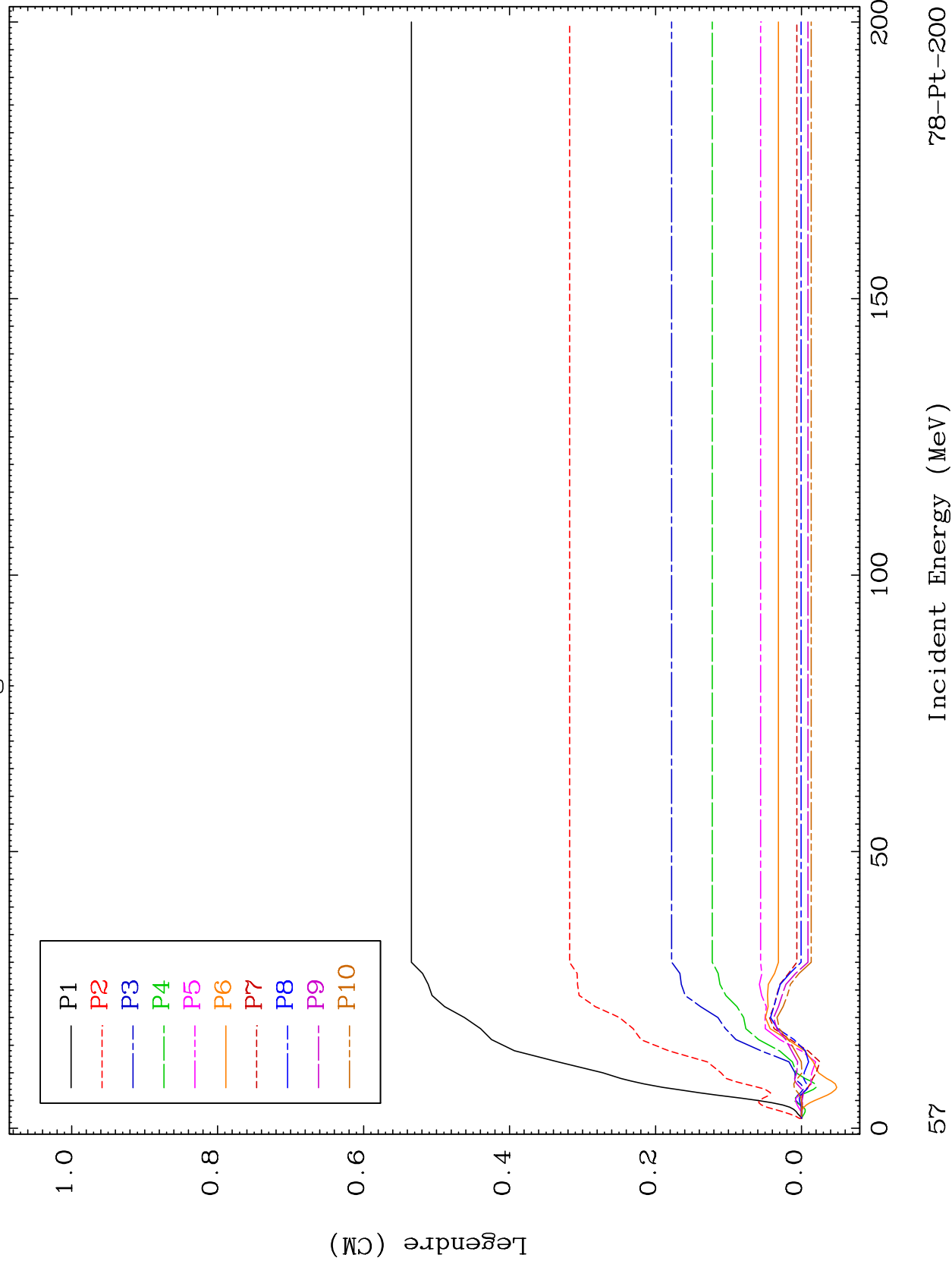




MAT 7855

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

78-Pt-200



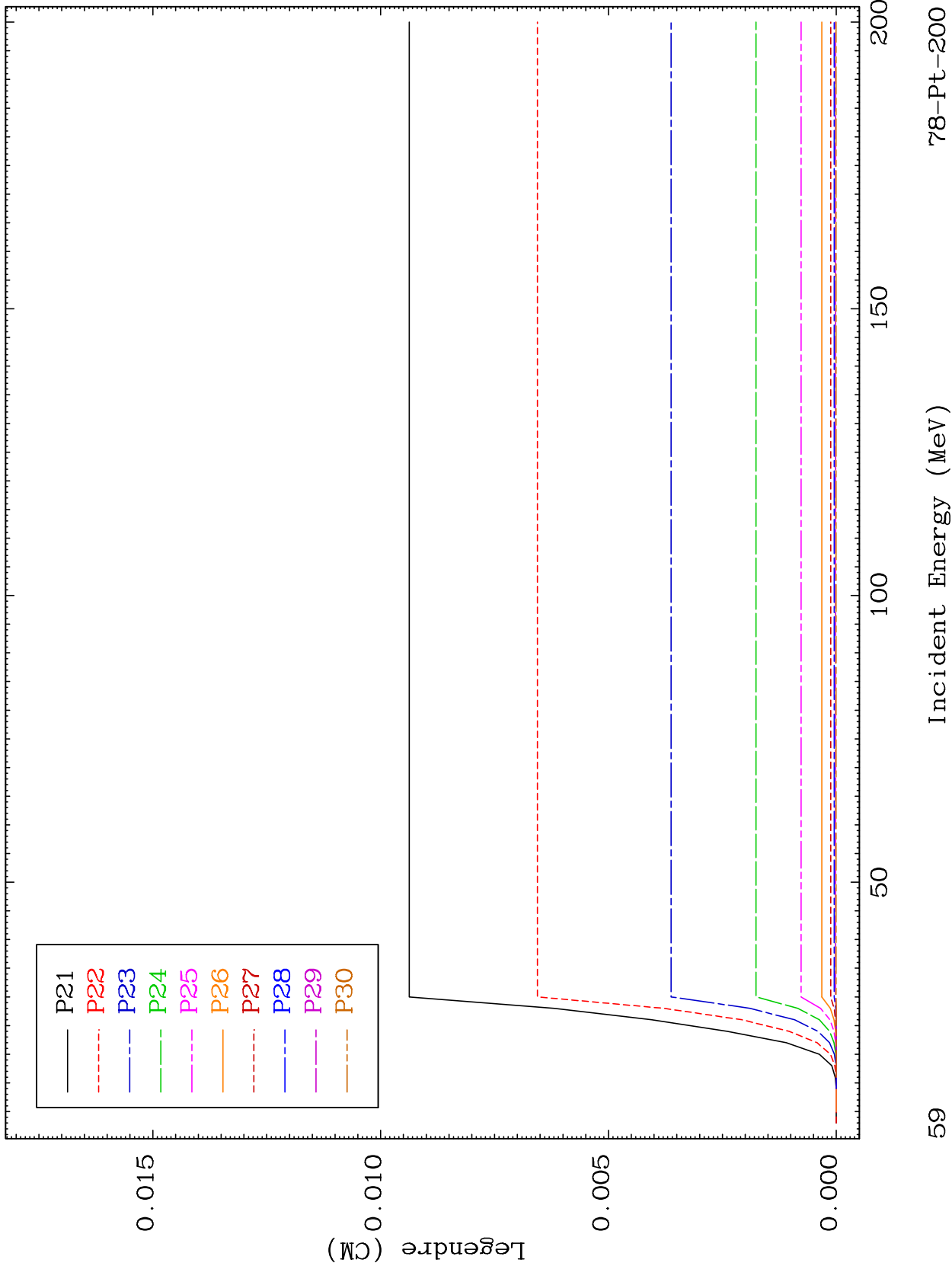
57



MAT 7855

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

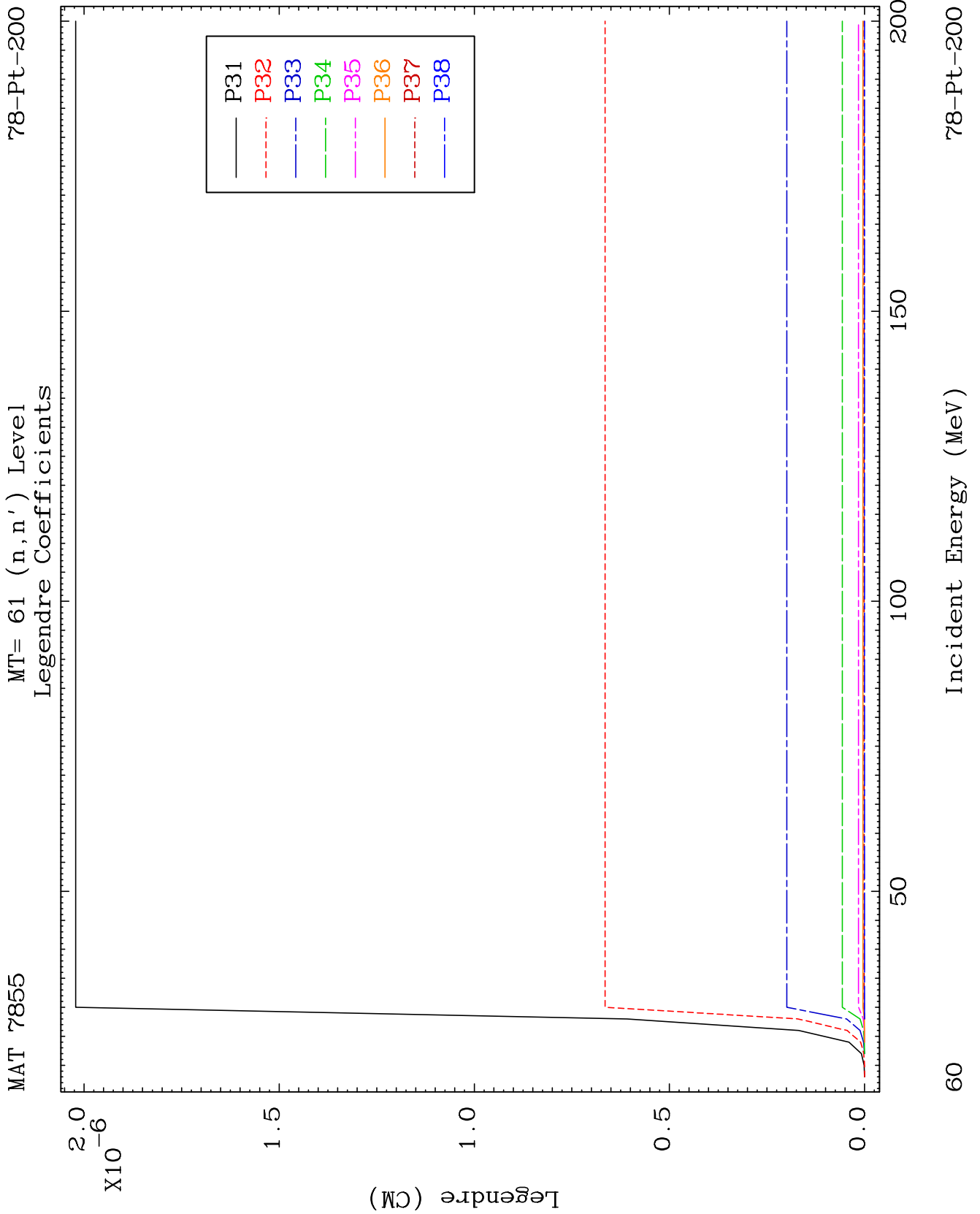
78-Pt-200



59

Incident Energy (MeV)

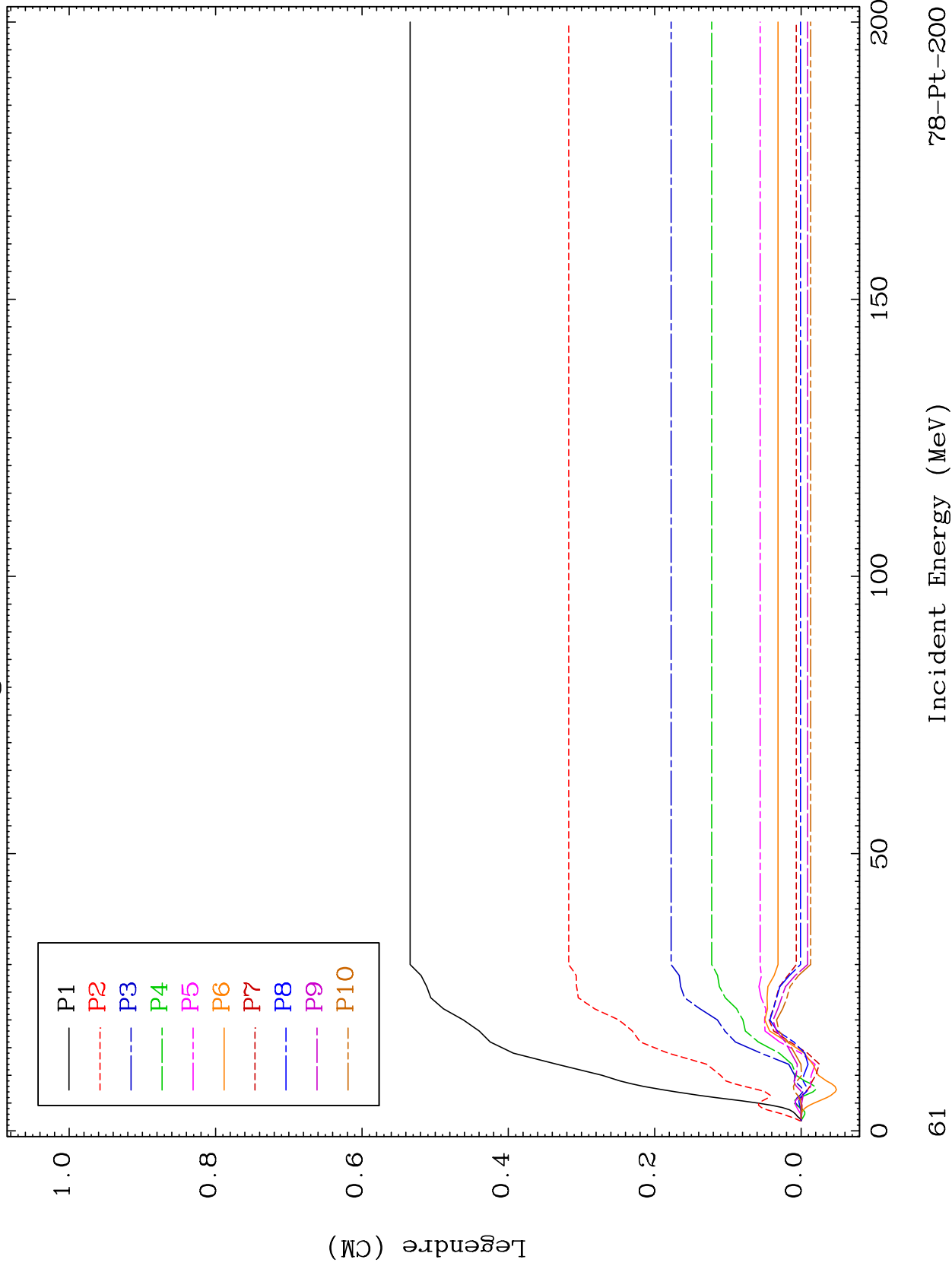
78-Pt-200



MAT 7855

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

78-Pt-200



61

Incident Energy (MeV)

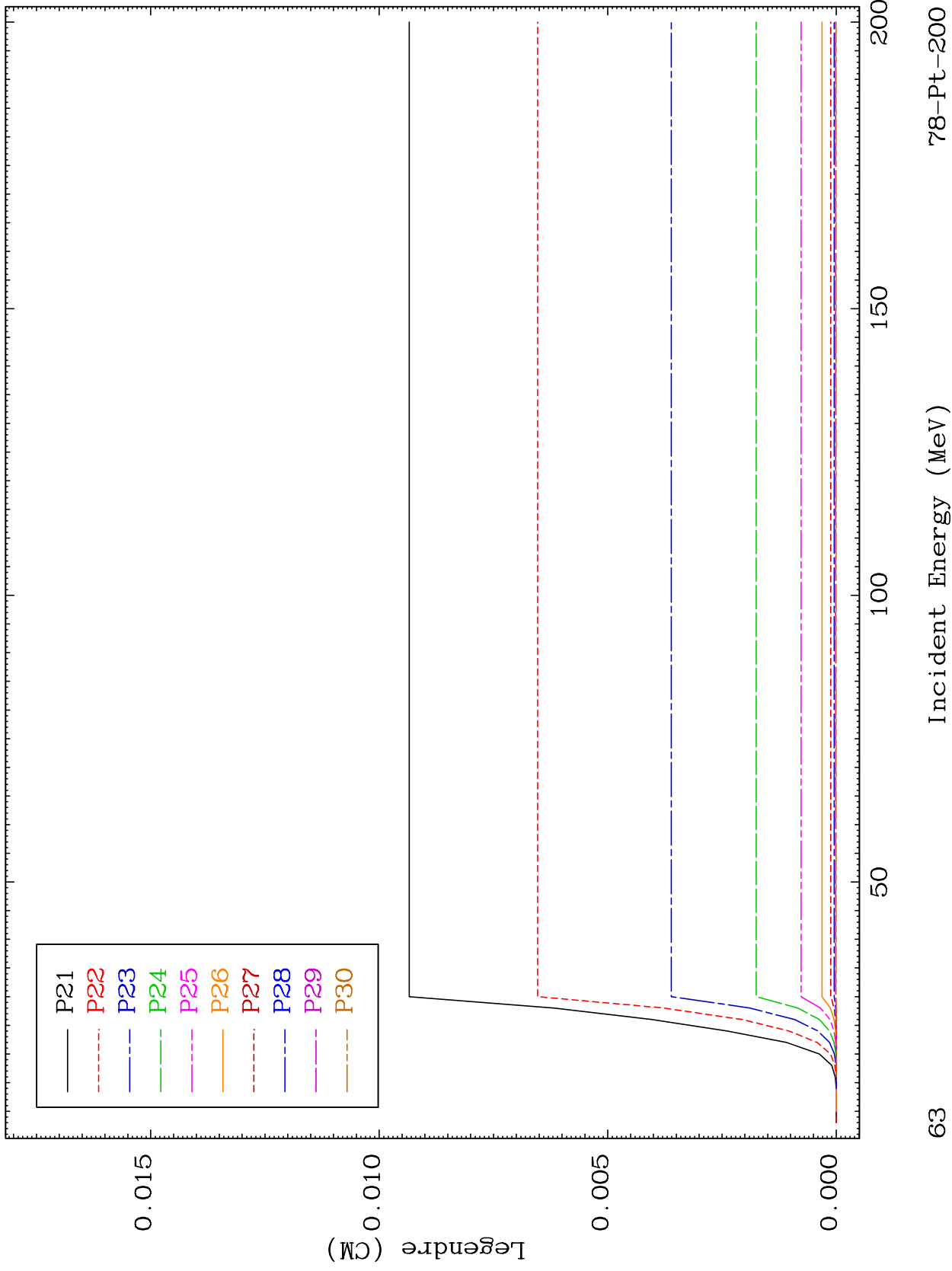
78-Pt-200



MAT 7855

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

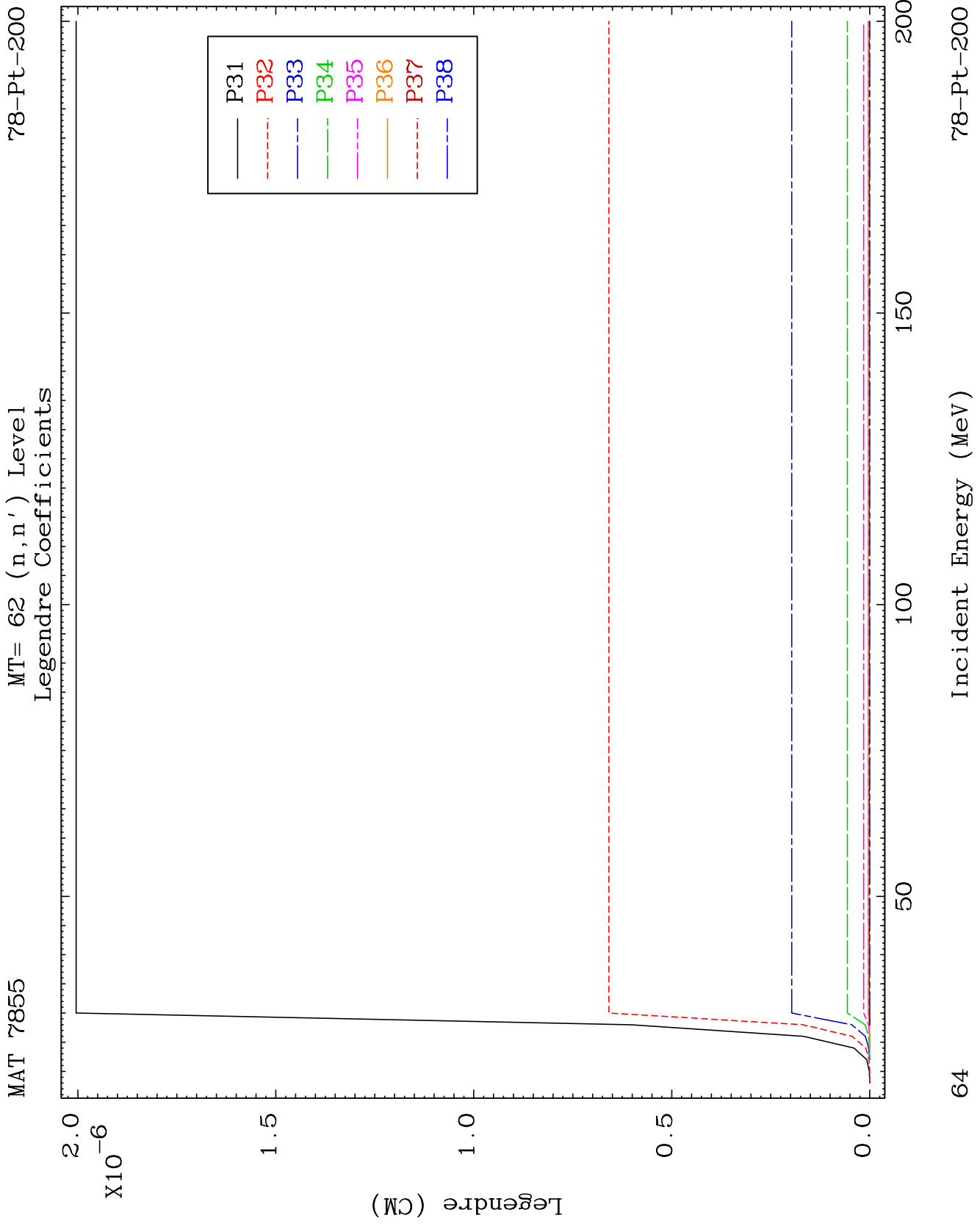
78-Pt-200



63

78-Pt-200



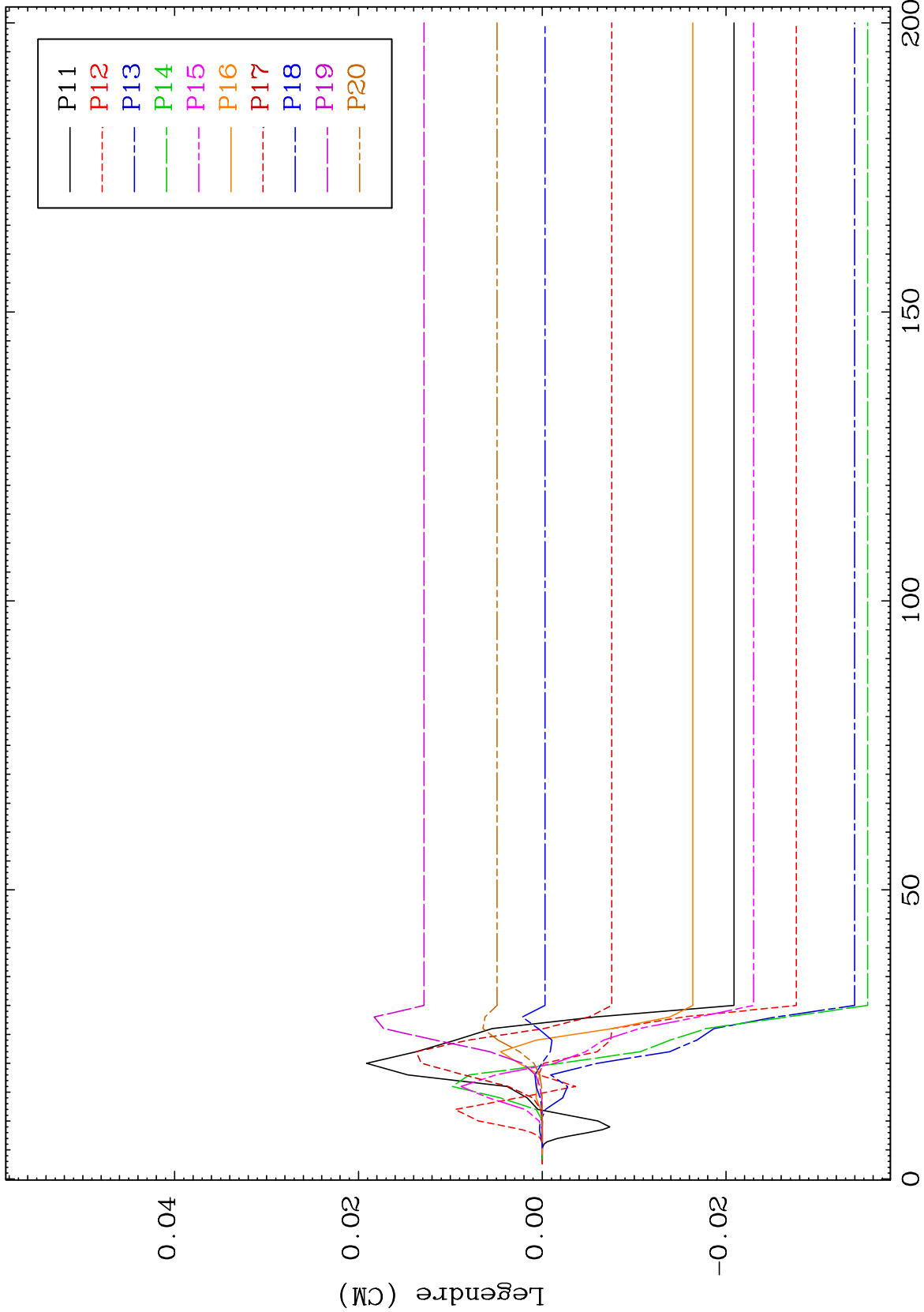




MAT 7855

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

78-Pt-200



66

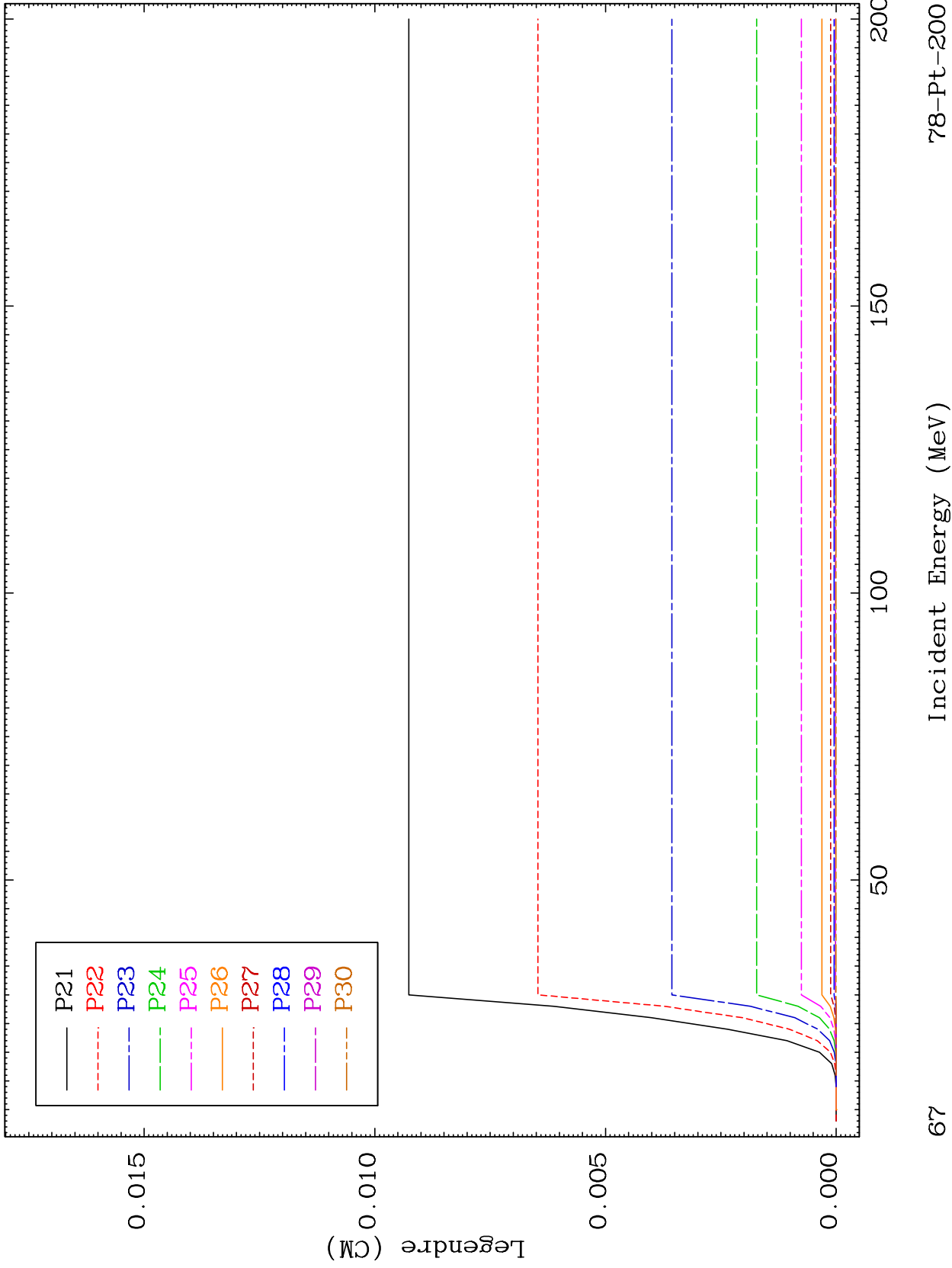
Incident Energy (MeV)

78-Pt-200

MAT 7855

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

78-Pt-200



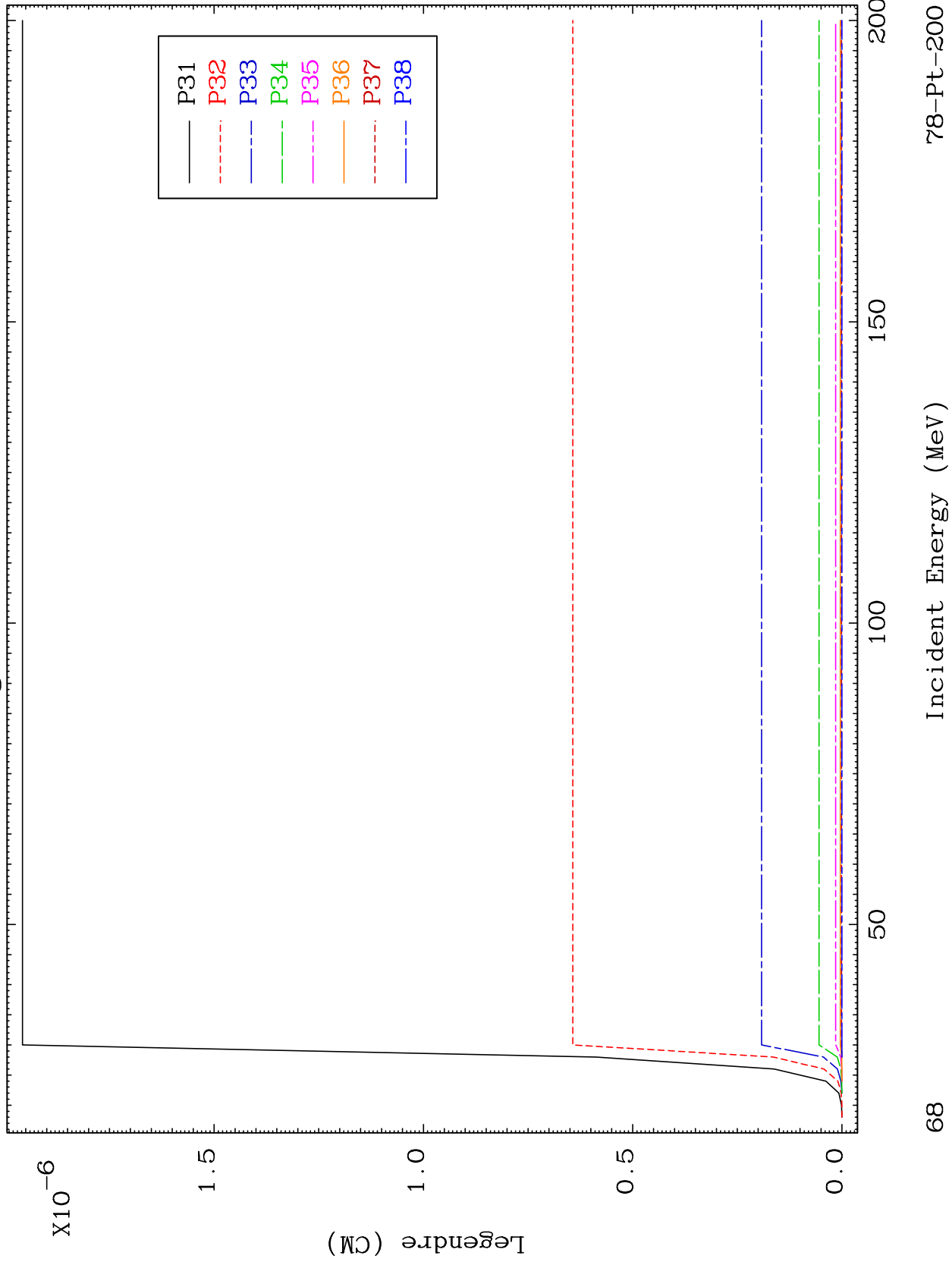
67

78-Pt-200

MAT 7855

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

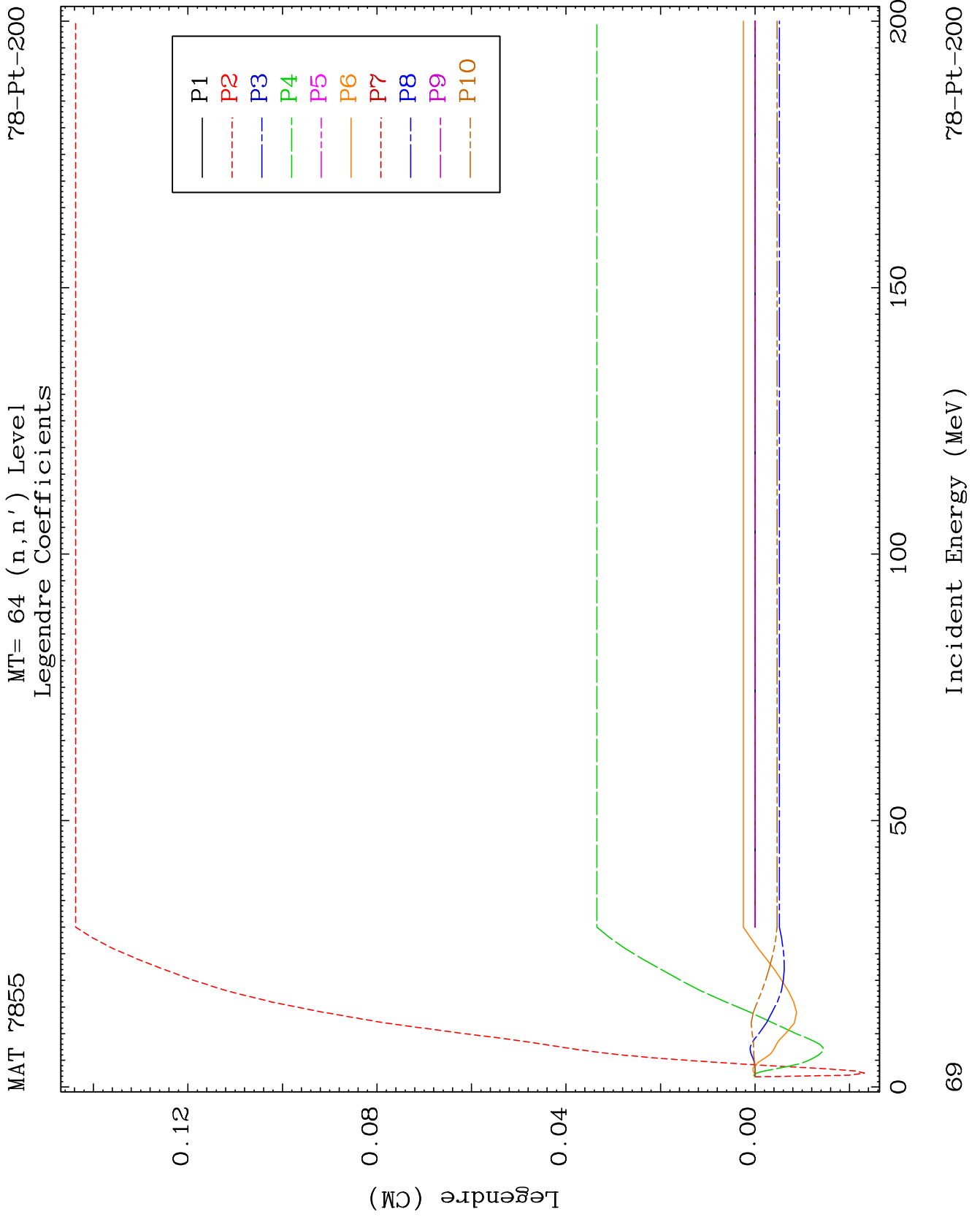
78-Pt-200



68

Incident Energy (MeV)

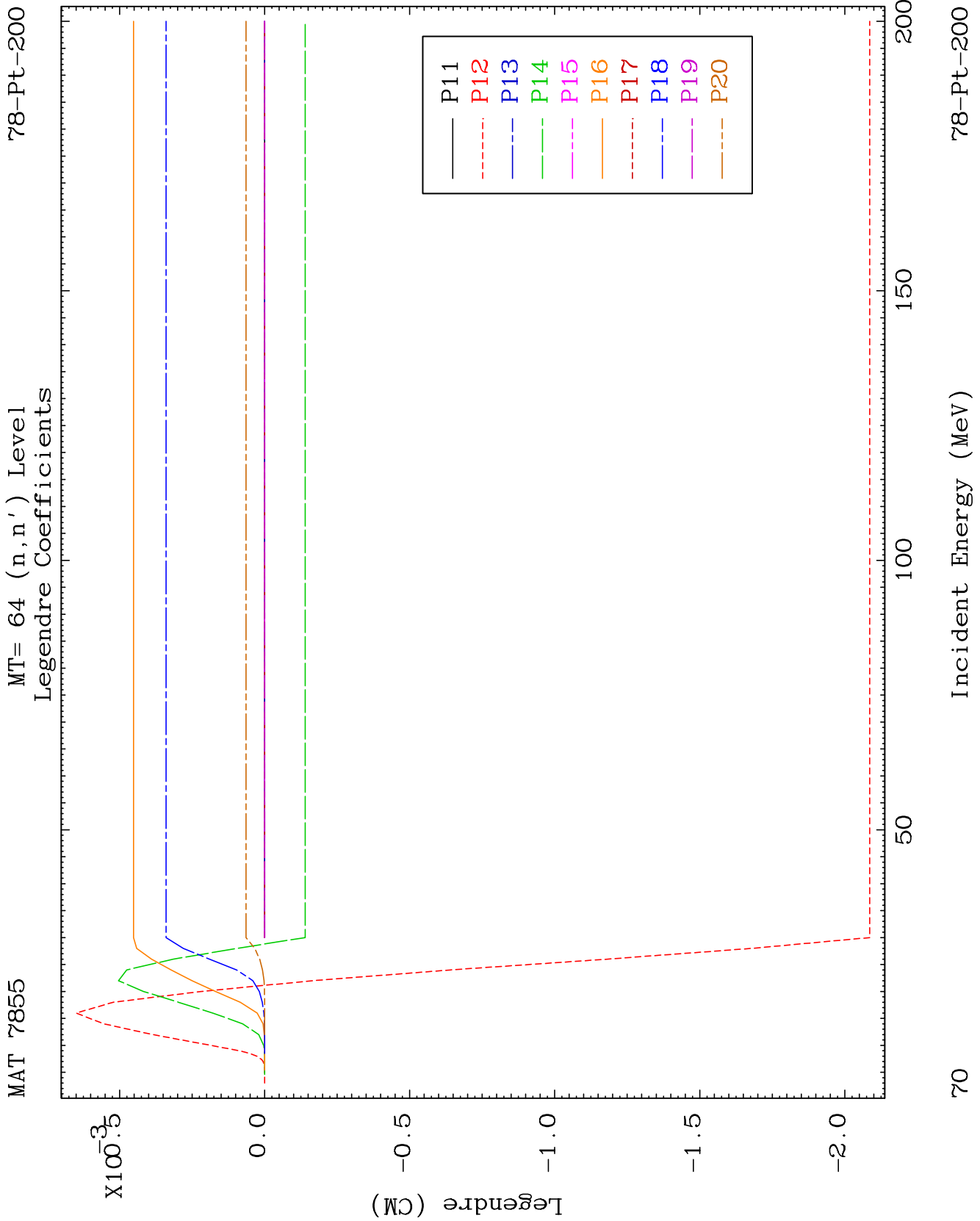
78-Pt-200

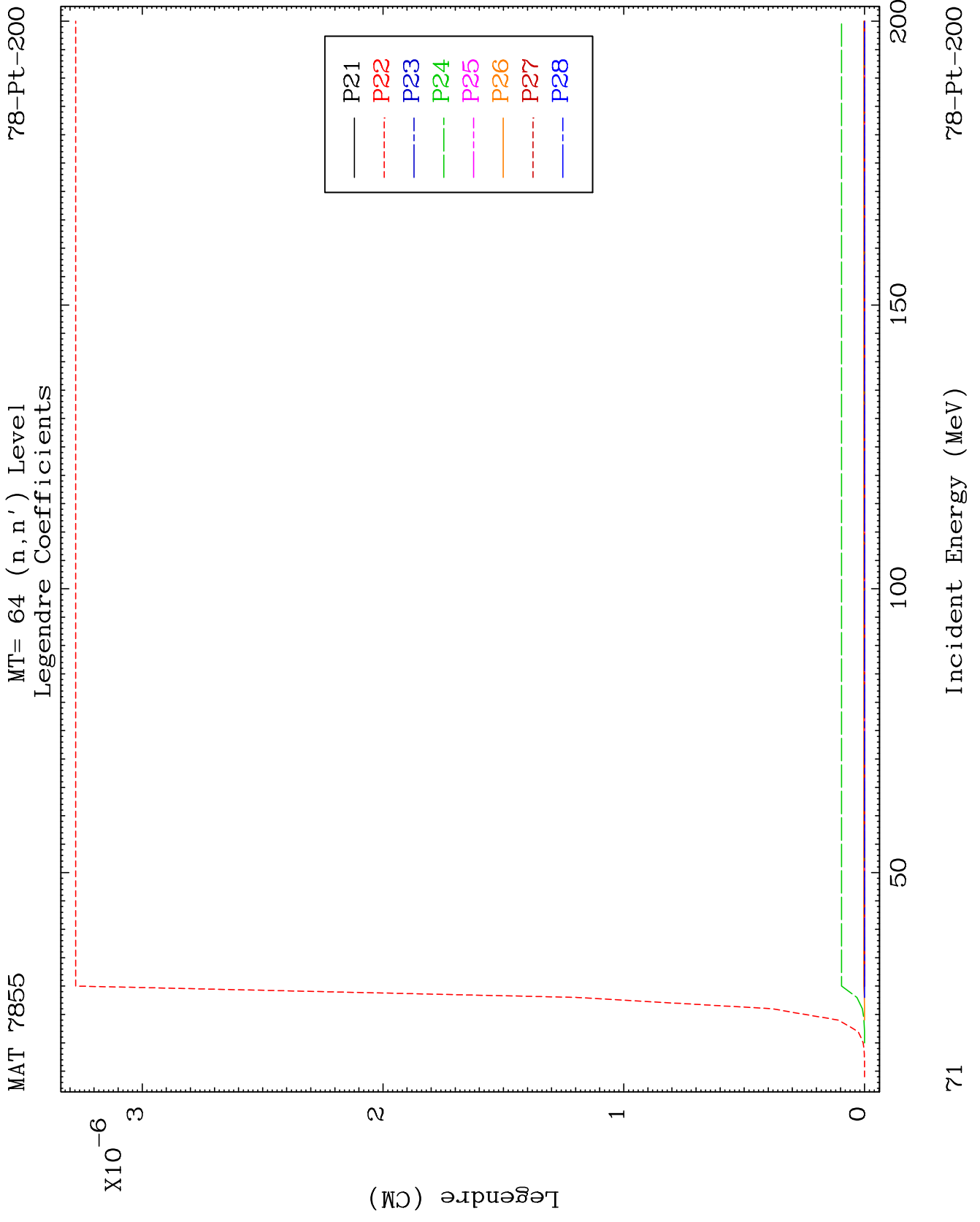


78-Pt-200

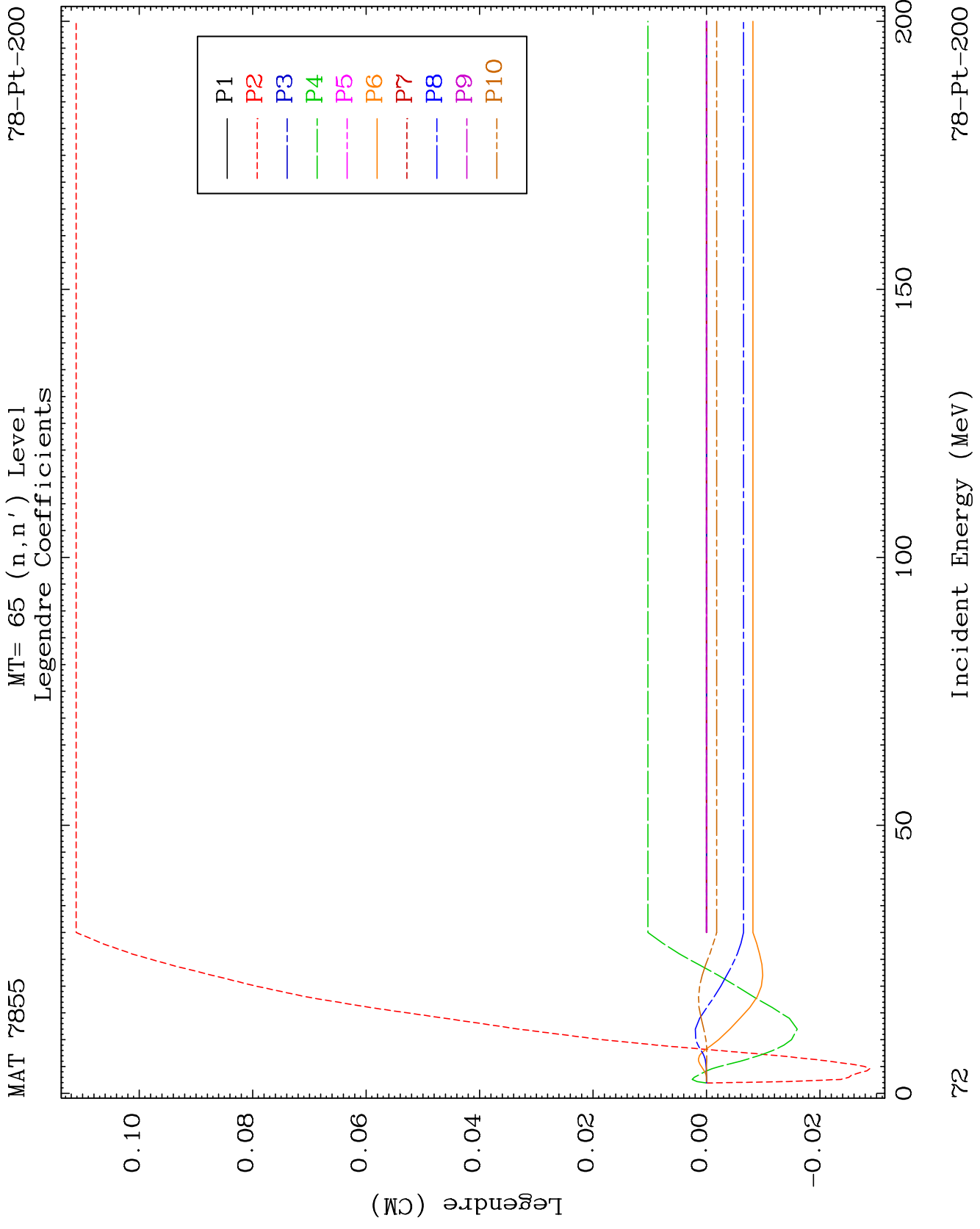
Incident Energy (MeV)

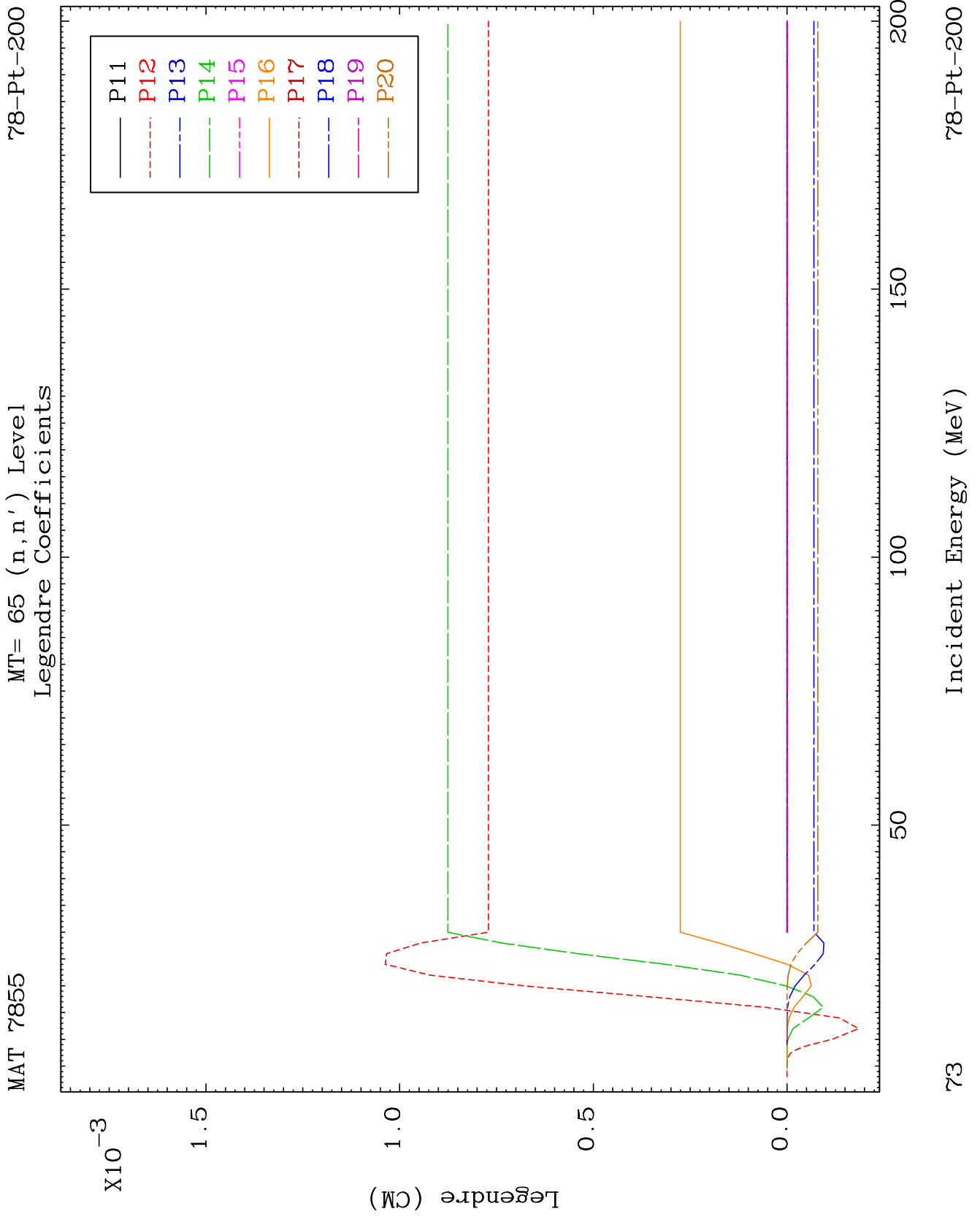
69

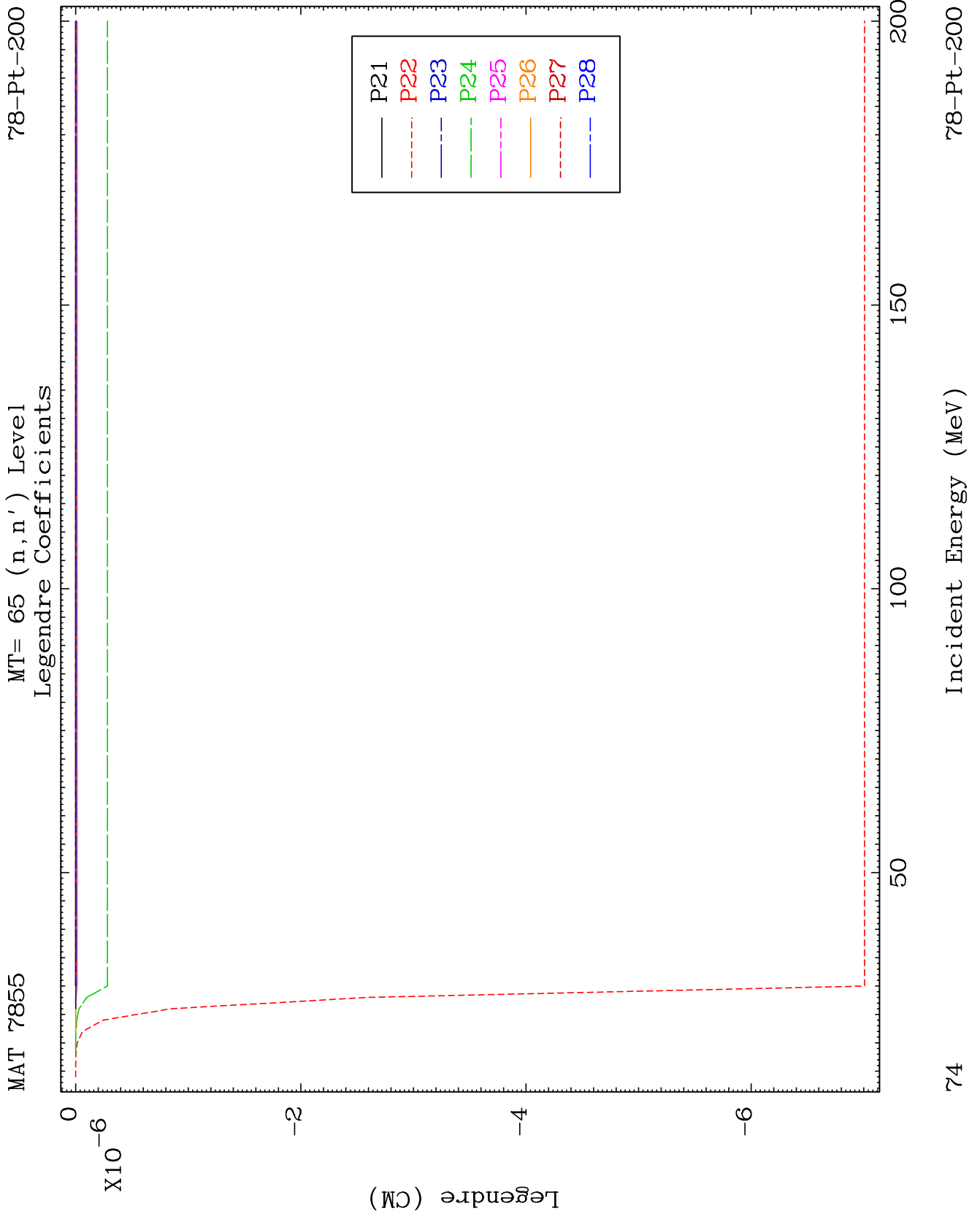










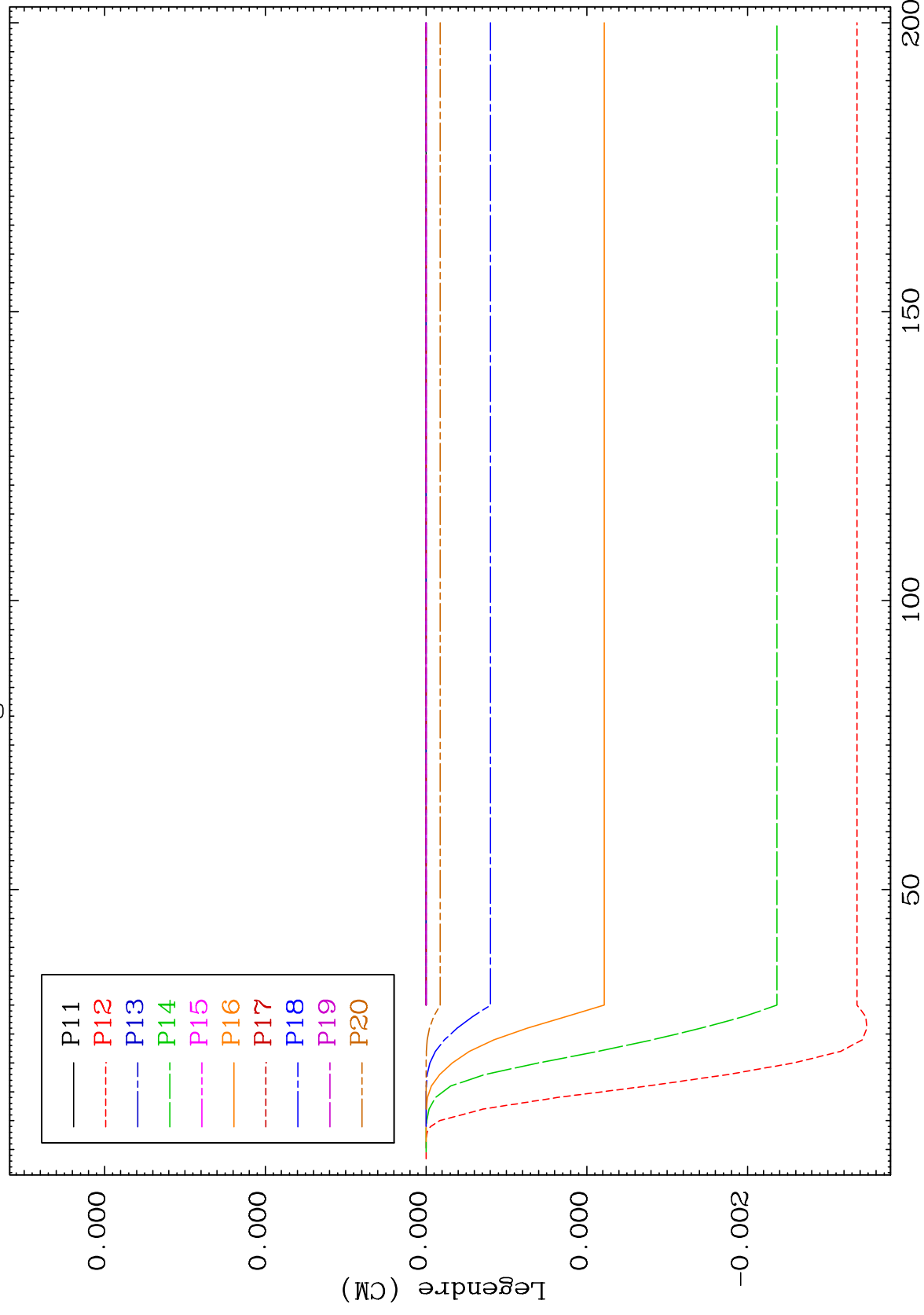




MAT 7855

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

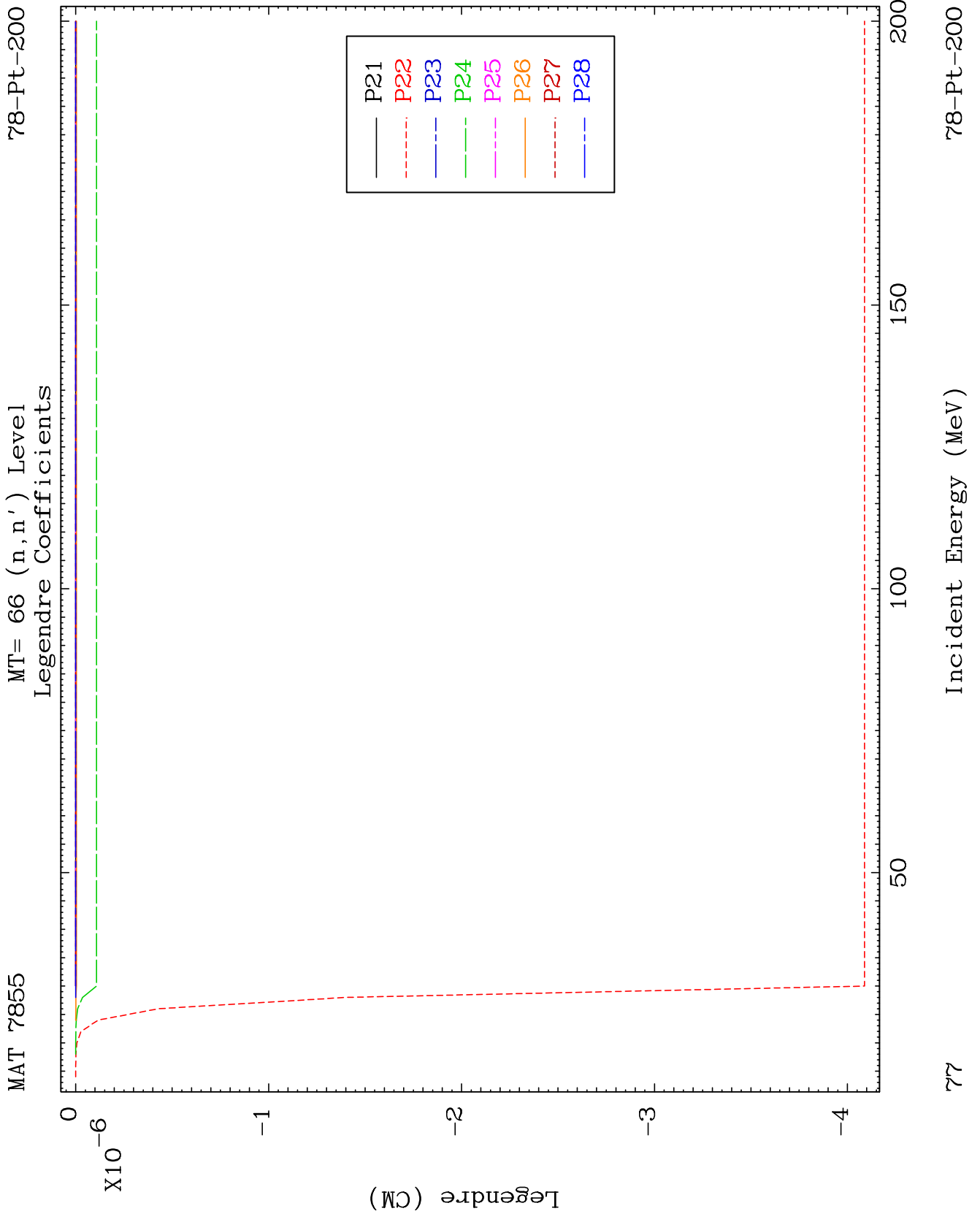
78-Pt-200

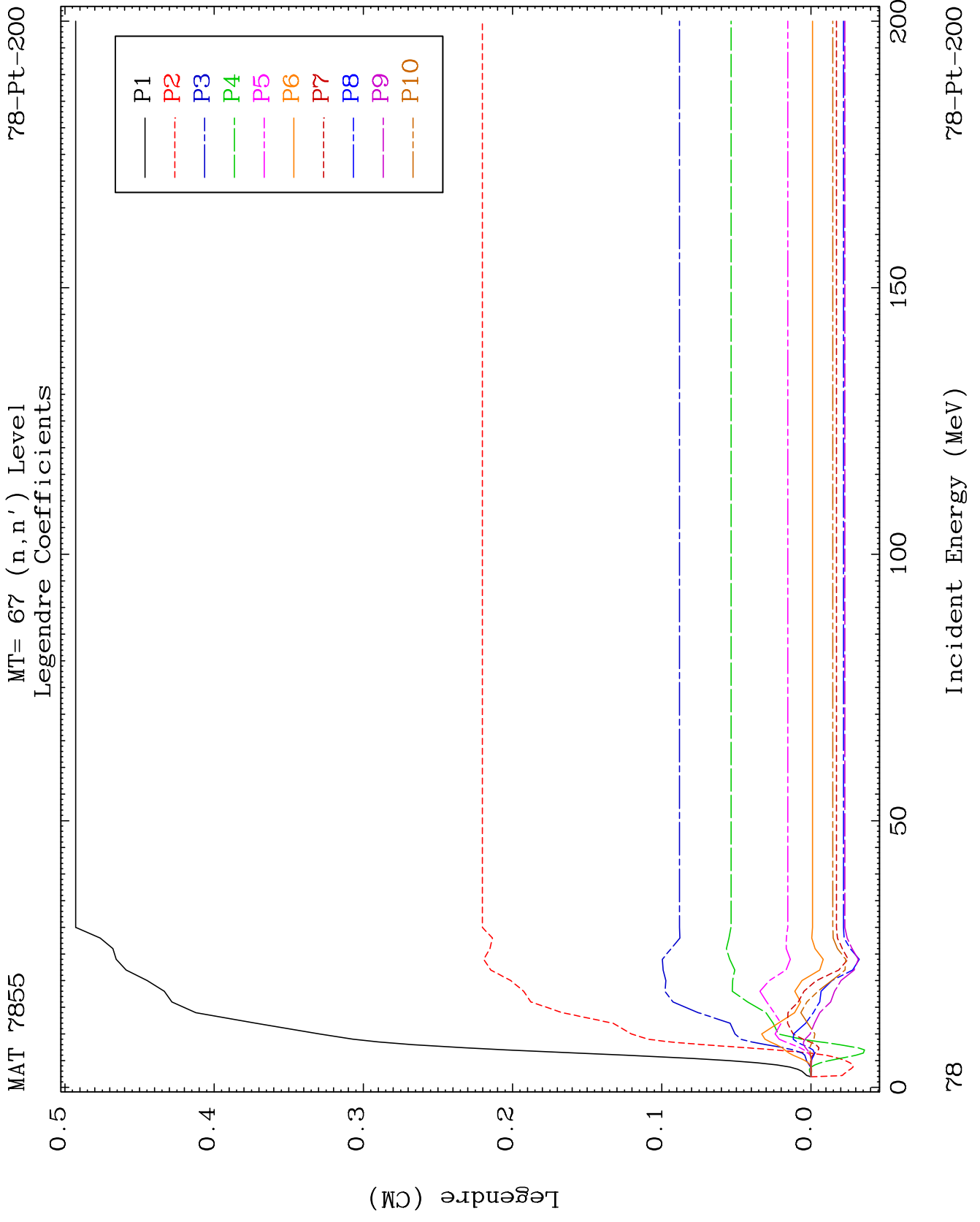


76

Incident Energy (MeV)

78-Pt-200

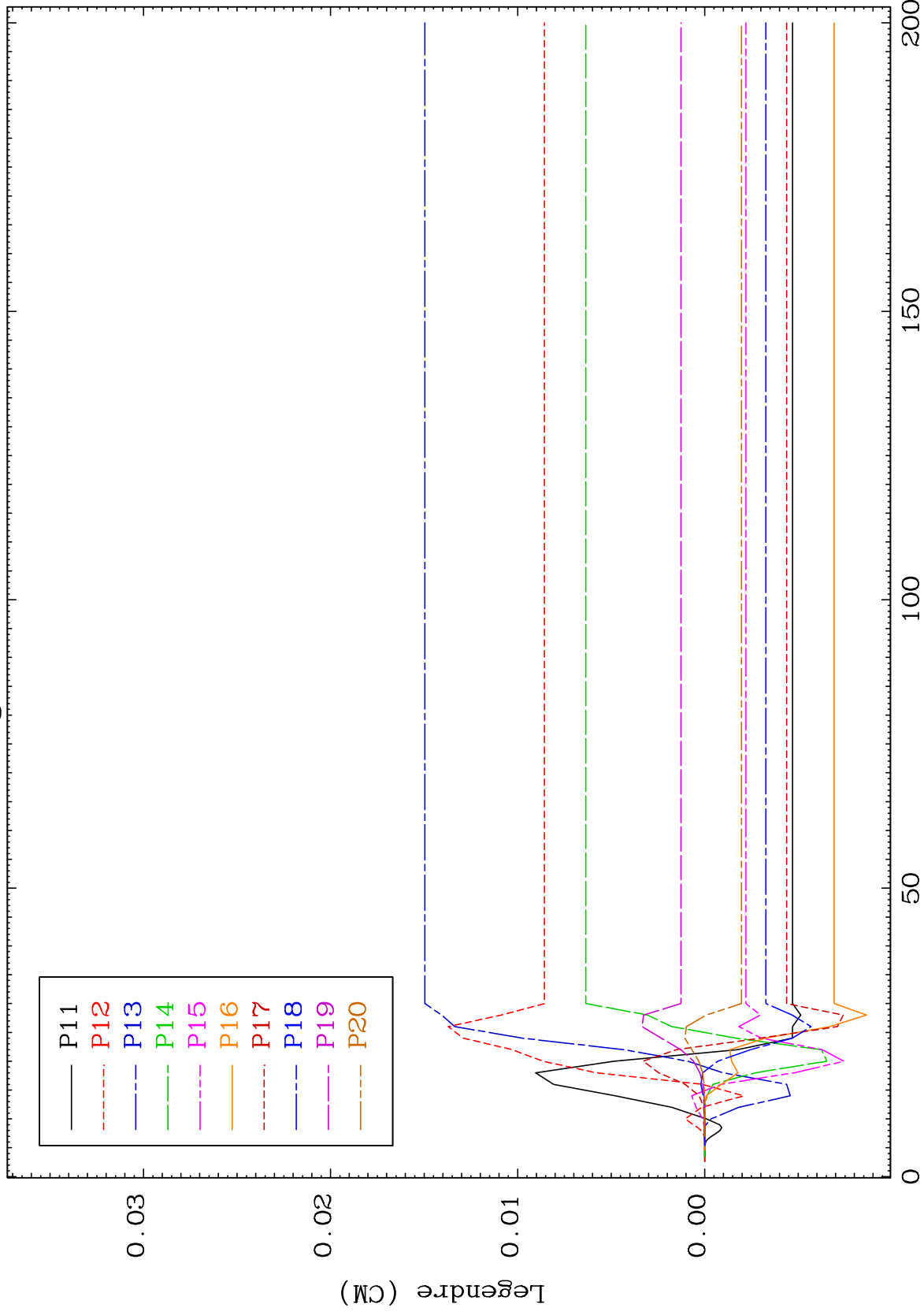




MAT 7855

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

78-Pt-200



79

Incident Energy (MeV)

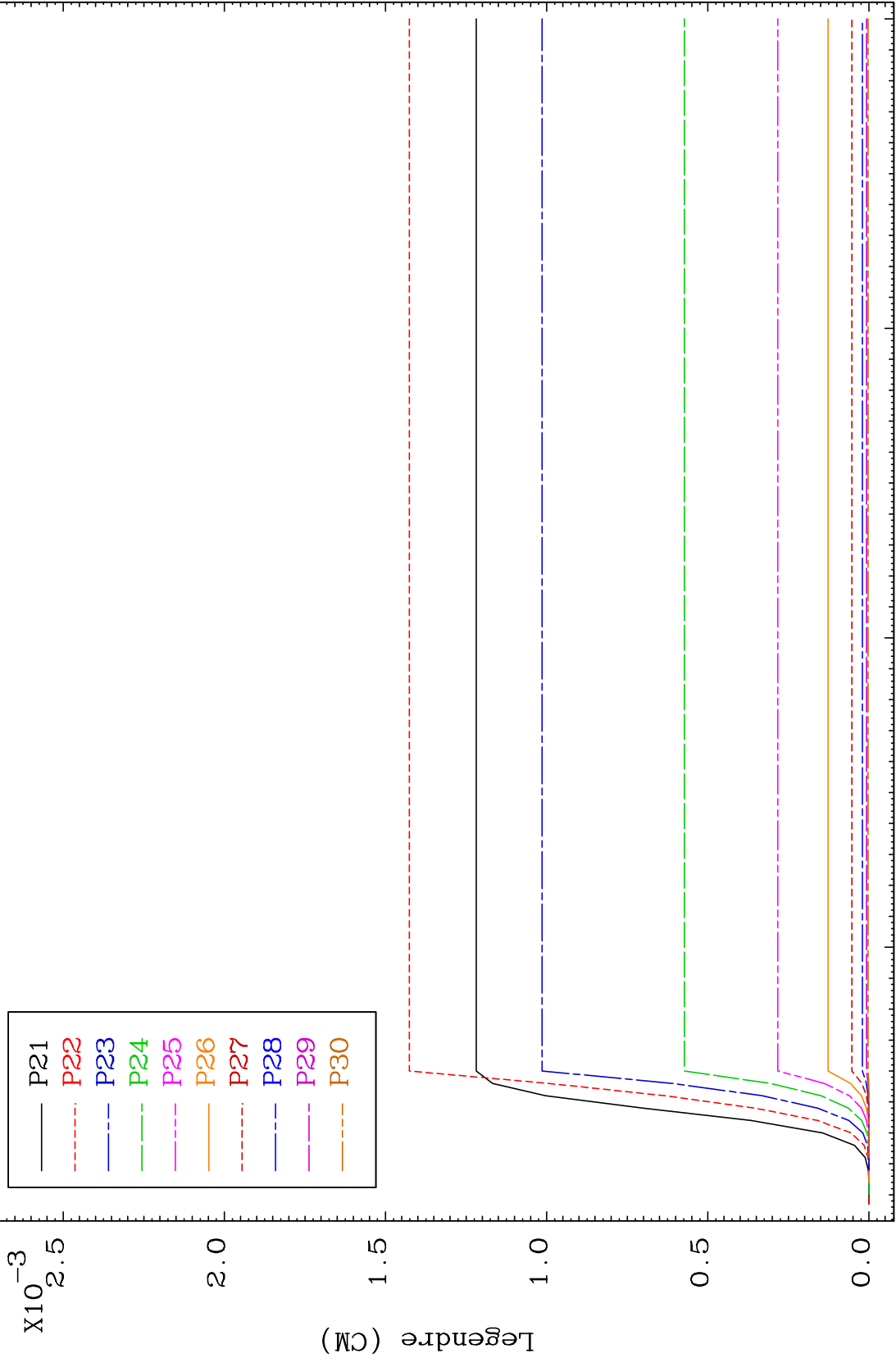
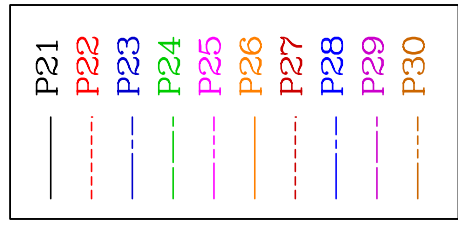
78-Pt-200



MAT 7855

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

78-Pt-200



80

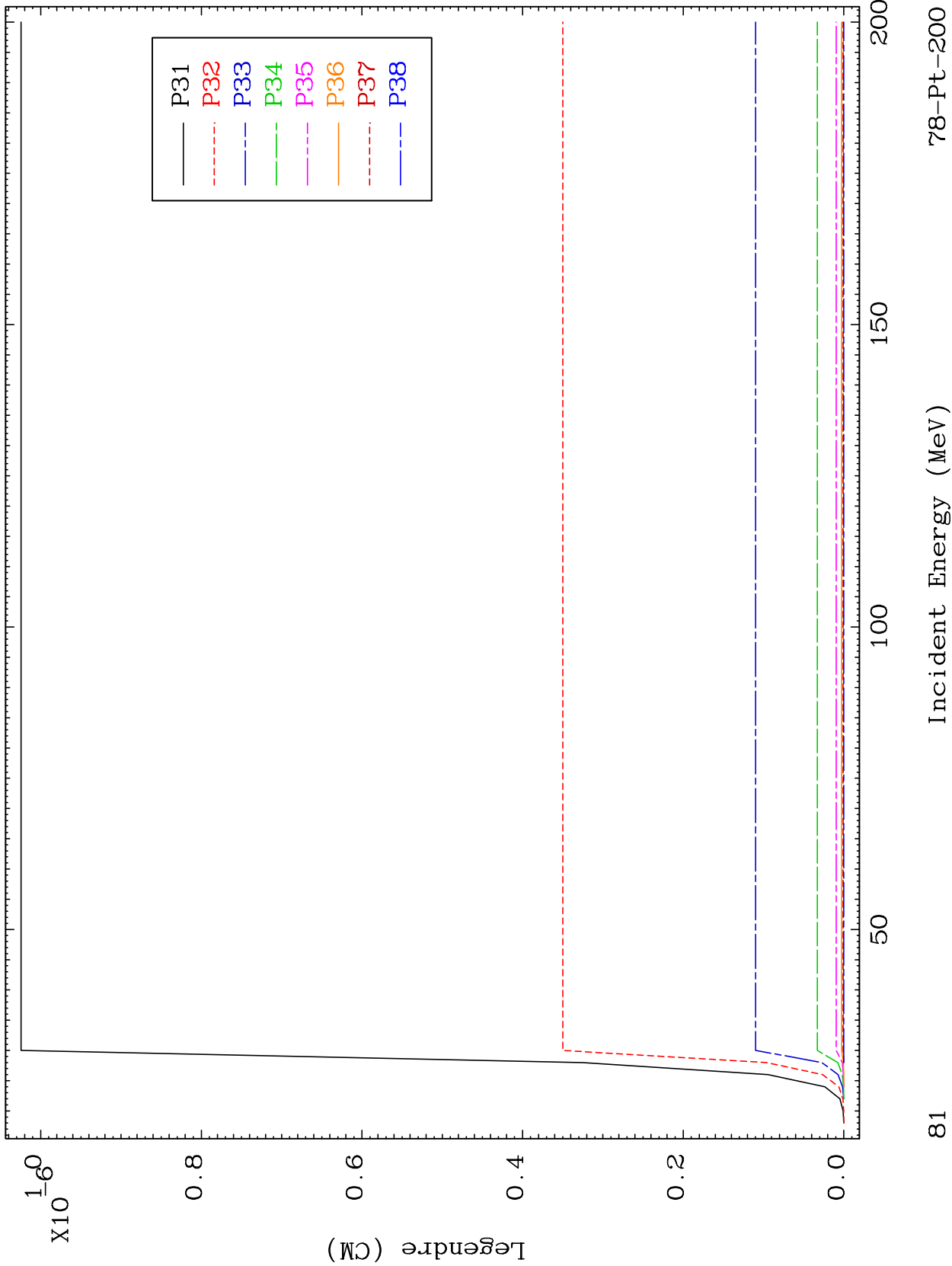
Incident Energy (MeV)

78-Pt-200

MAT 7855

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

78-Pt-200



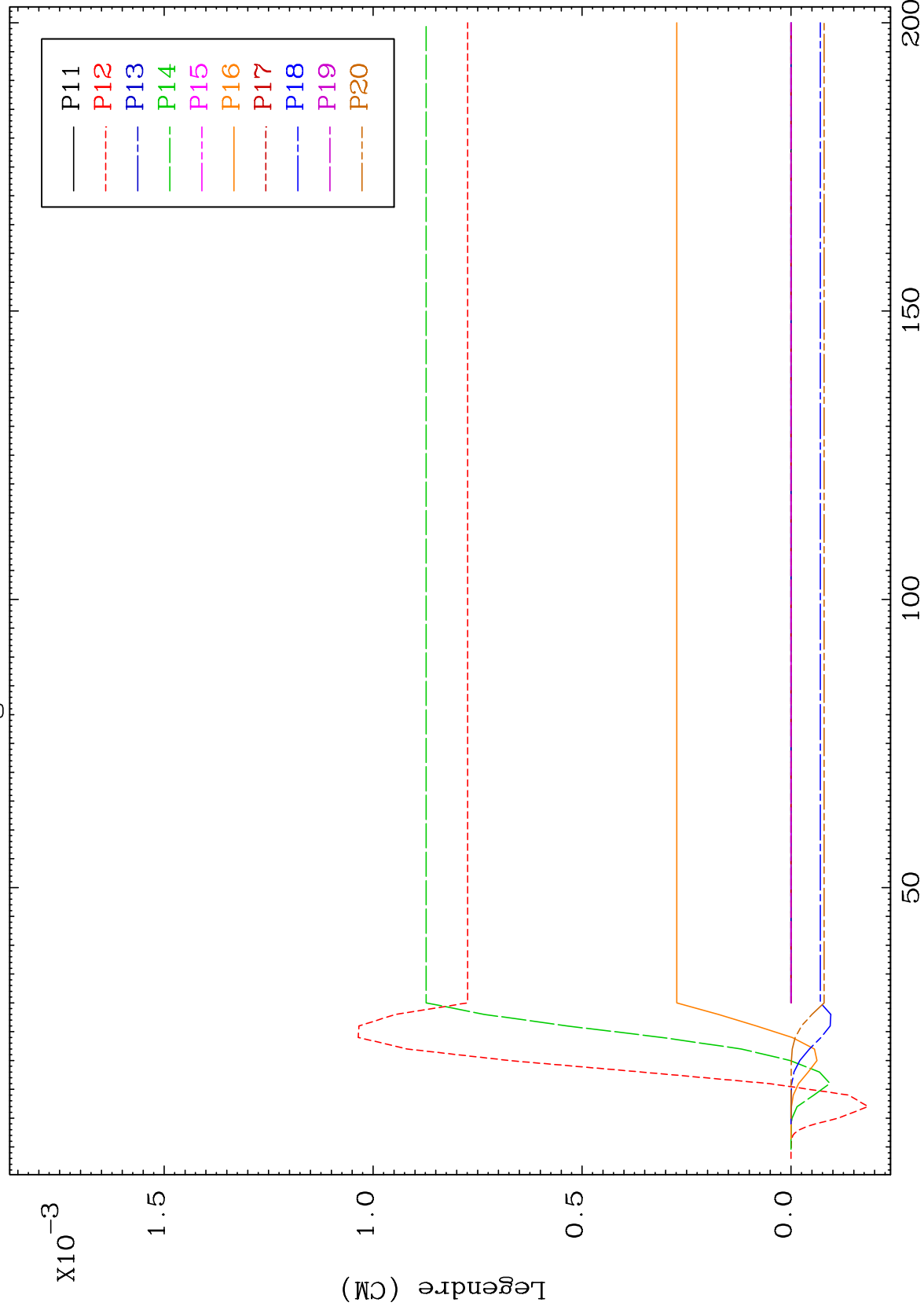
81



MAT 7855

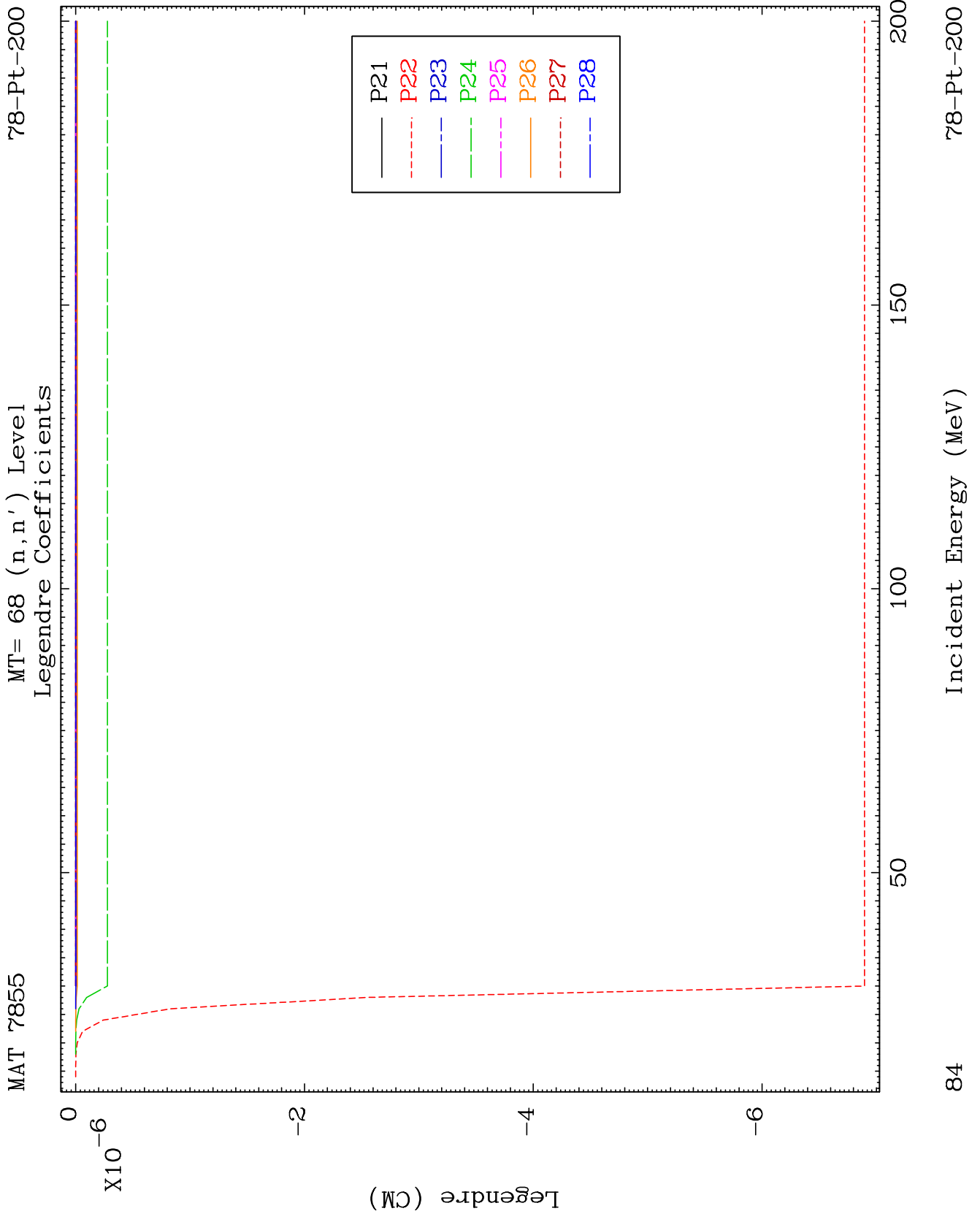
MT= 68 (n,n') Level  
Legendre Coefficients

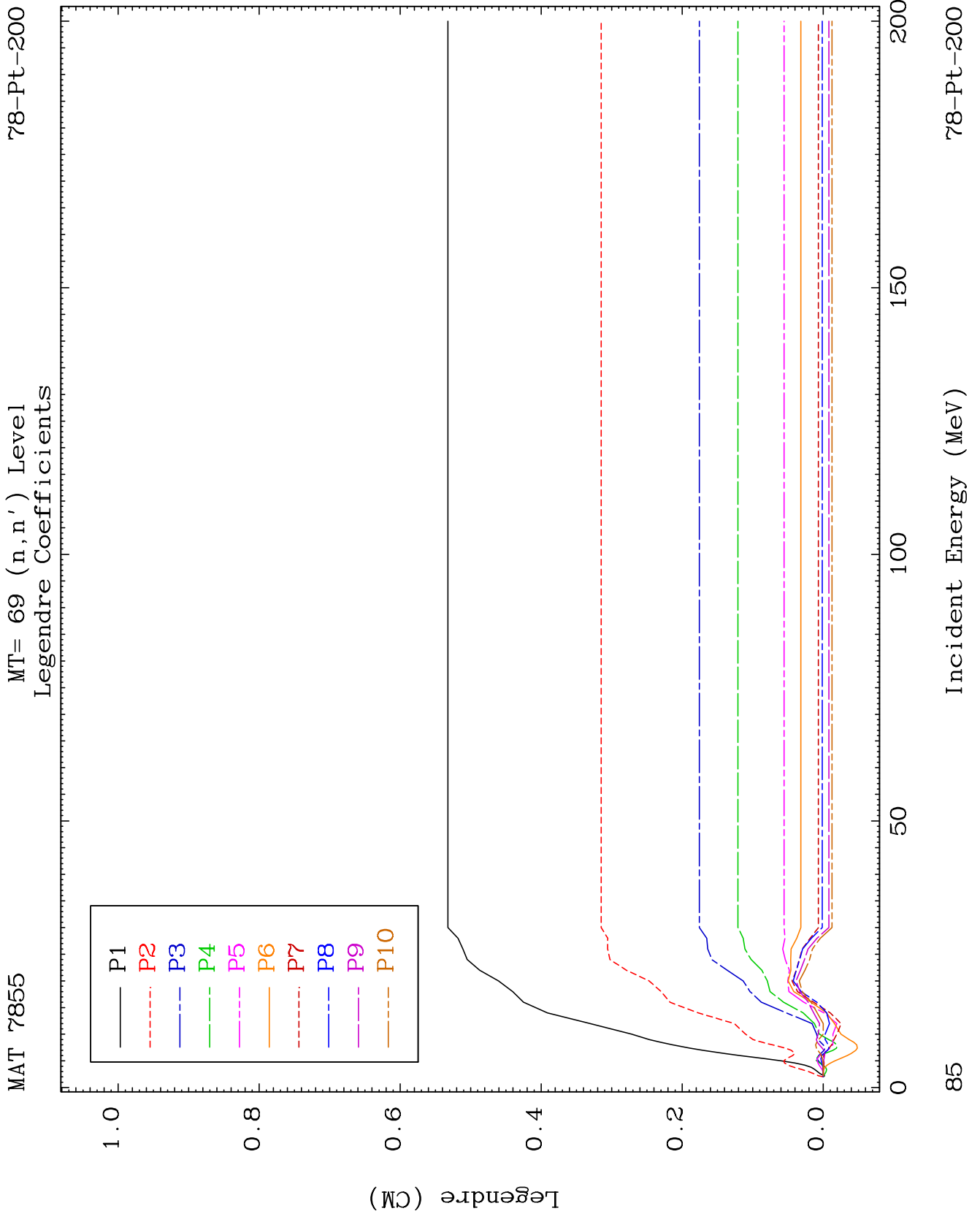
78-Pt-200



83

78-Pt-200

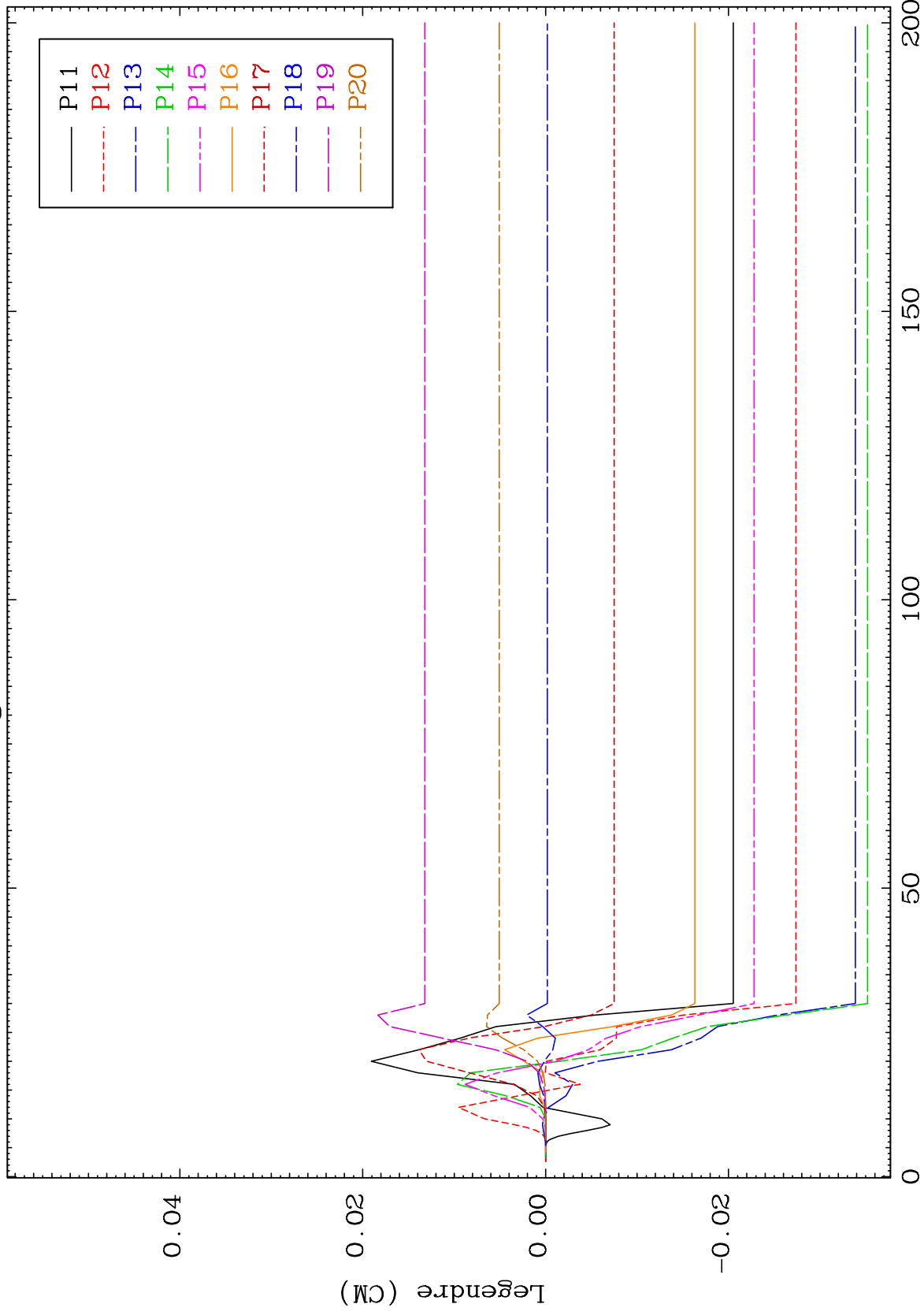




MAT 7855

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

78-Pt-200



86

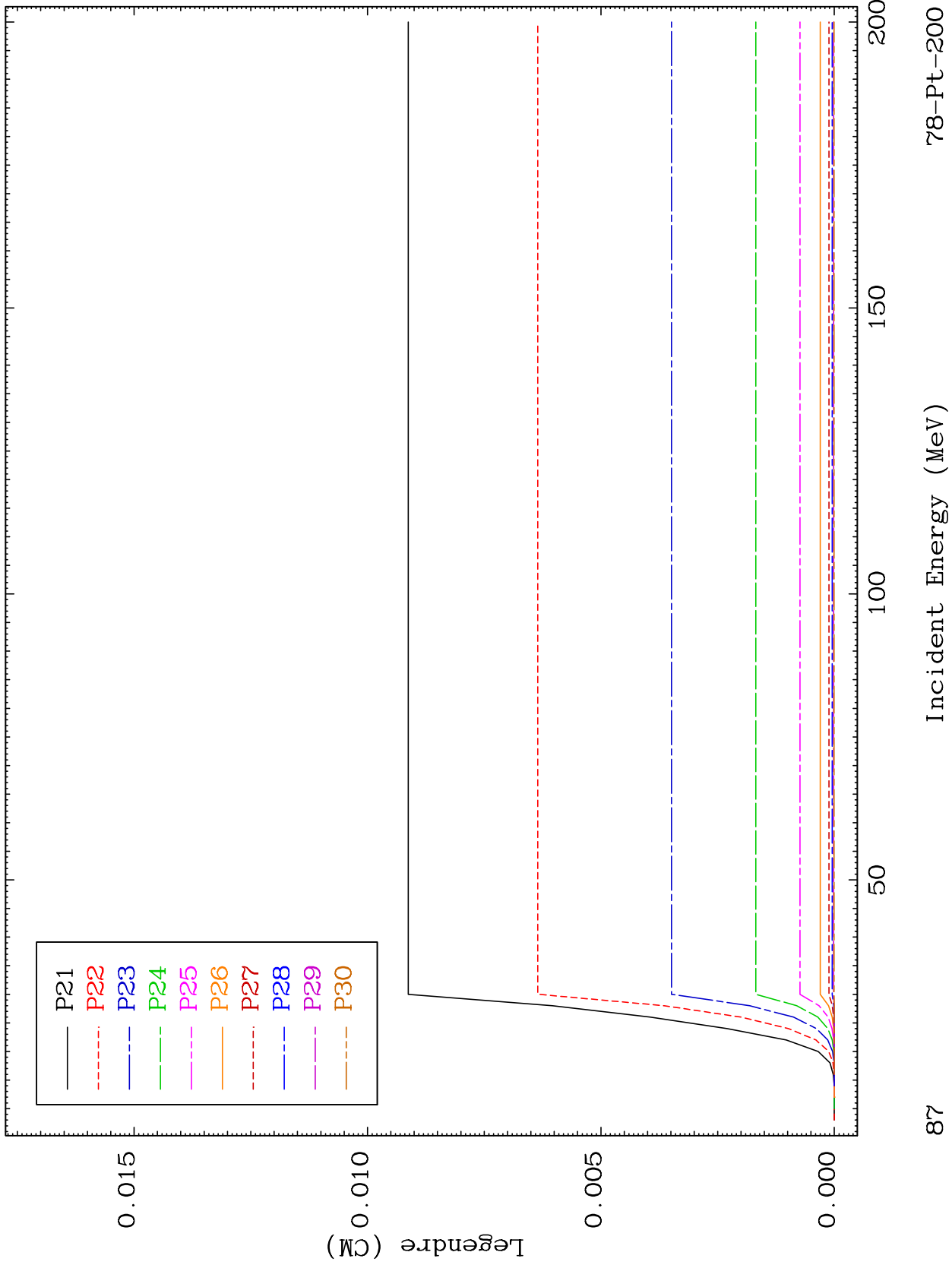
Incident Energy (MeV)

78-Pt-200

MAT 7855

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

78-Pt-200



87

Incident Energy (MeV)

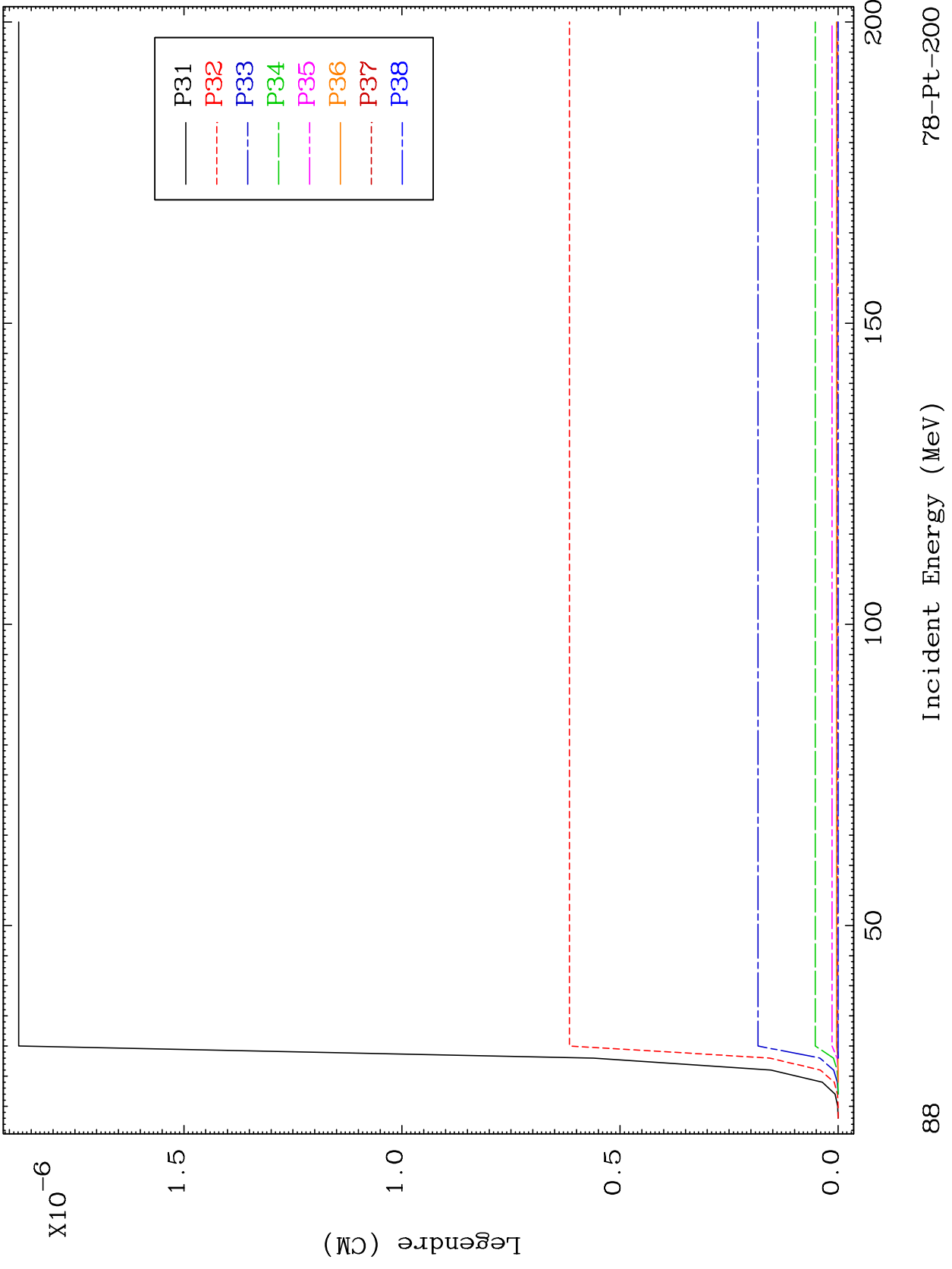
78-Pt-200



MAT 7855

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

78-Pt-200



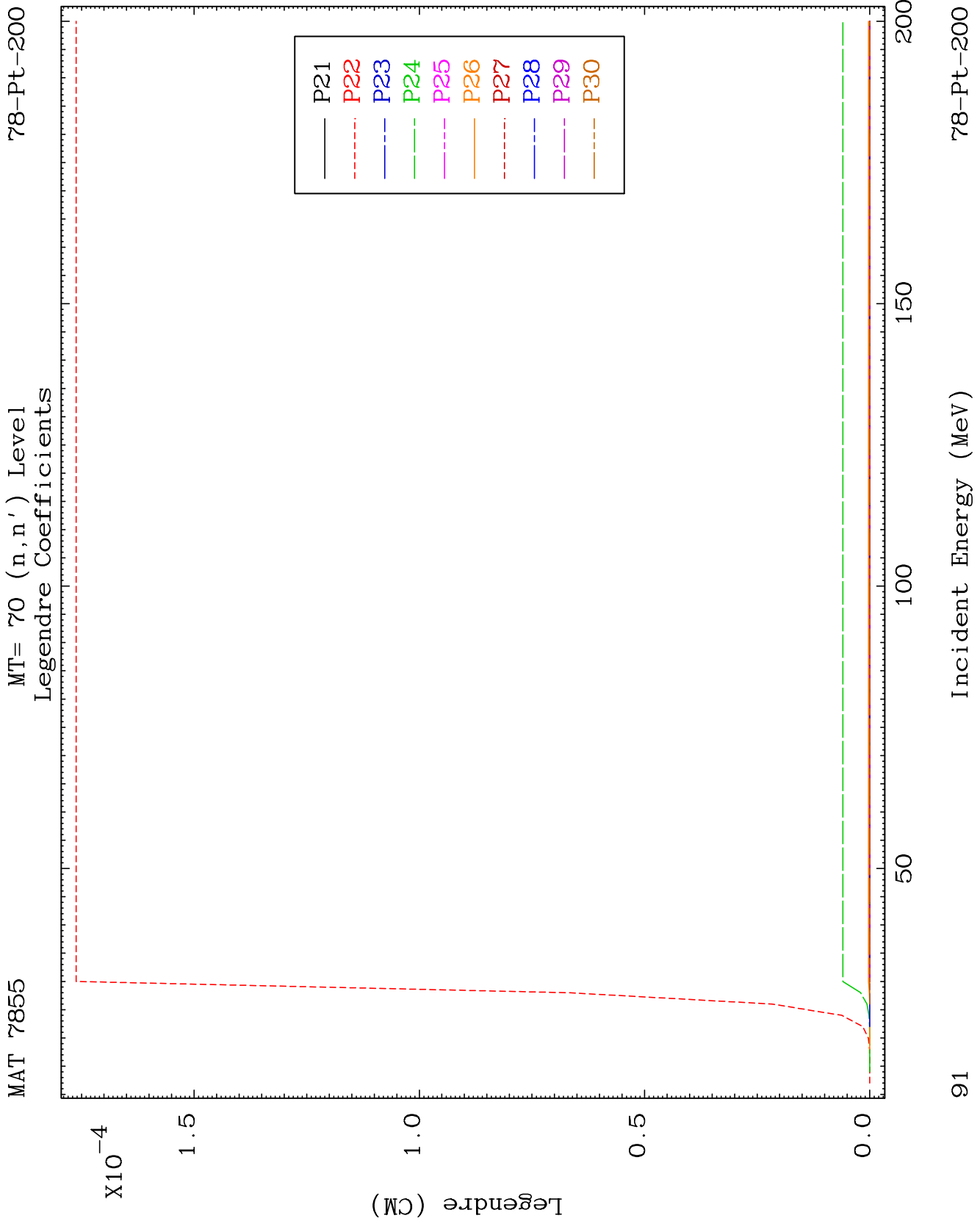
88

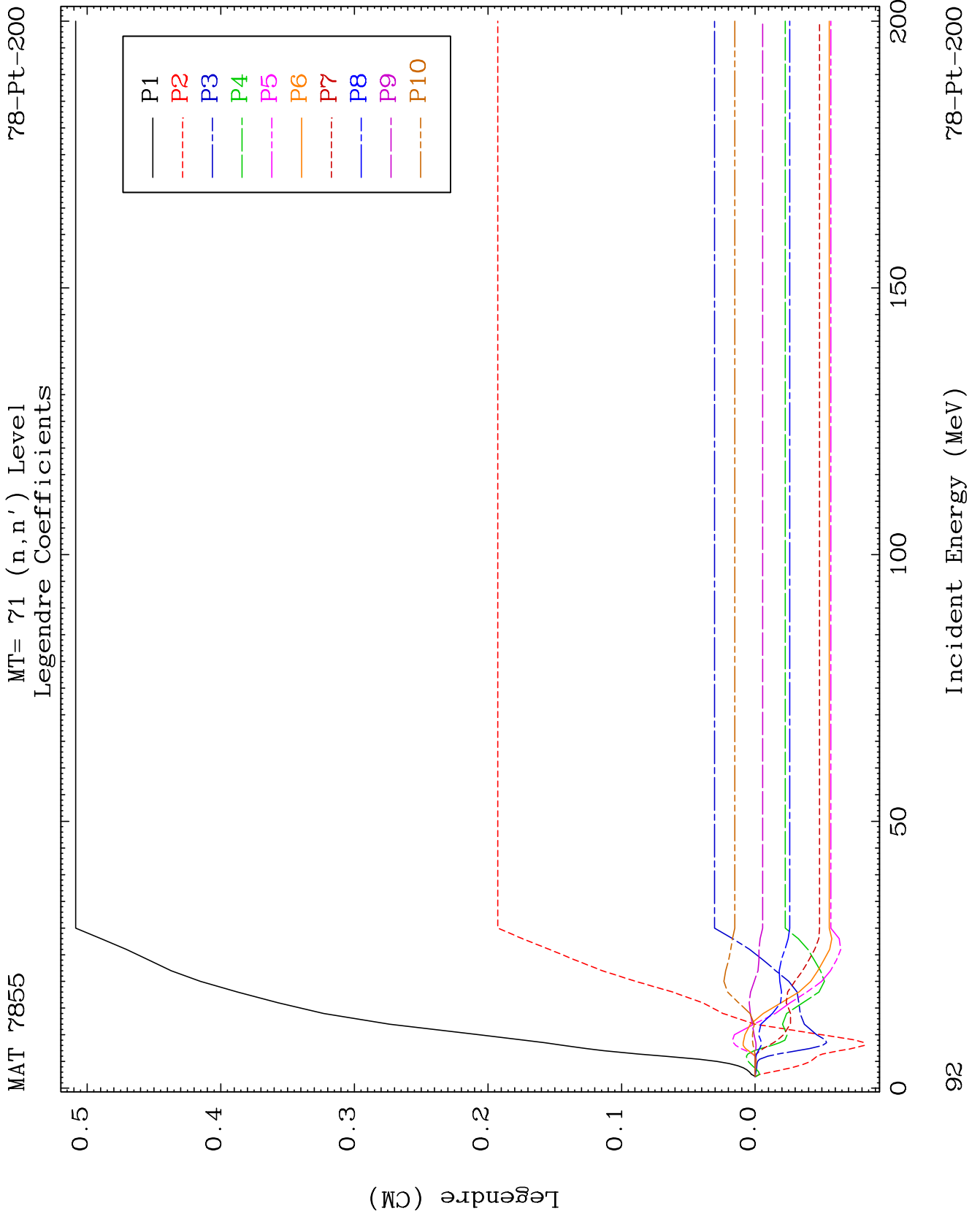
Incident Energy (MeV)

78-Pt-200





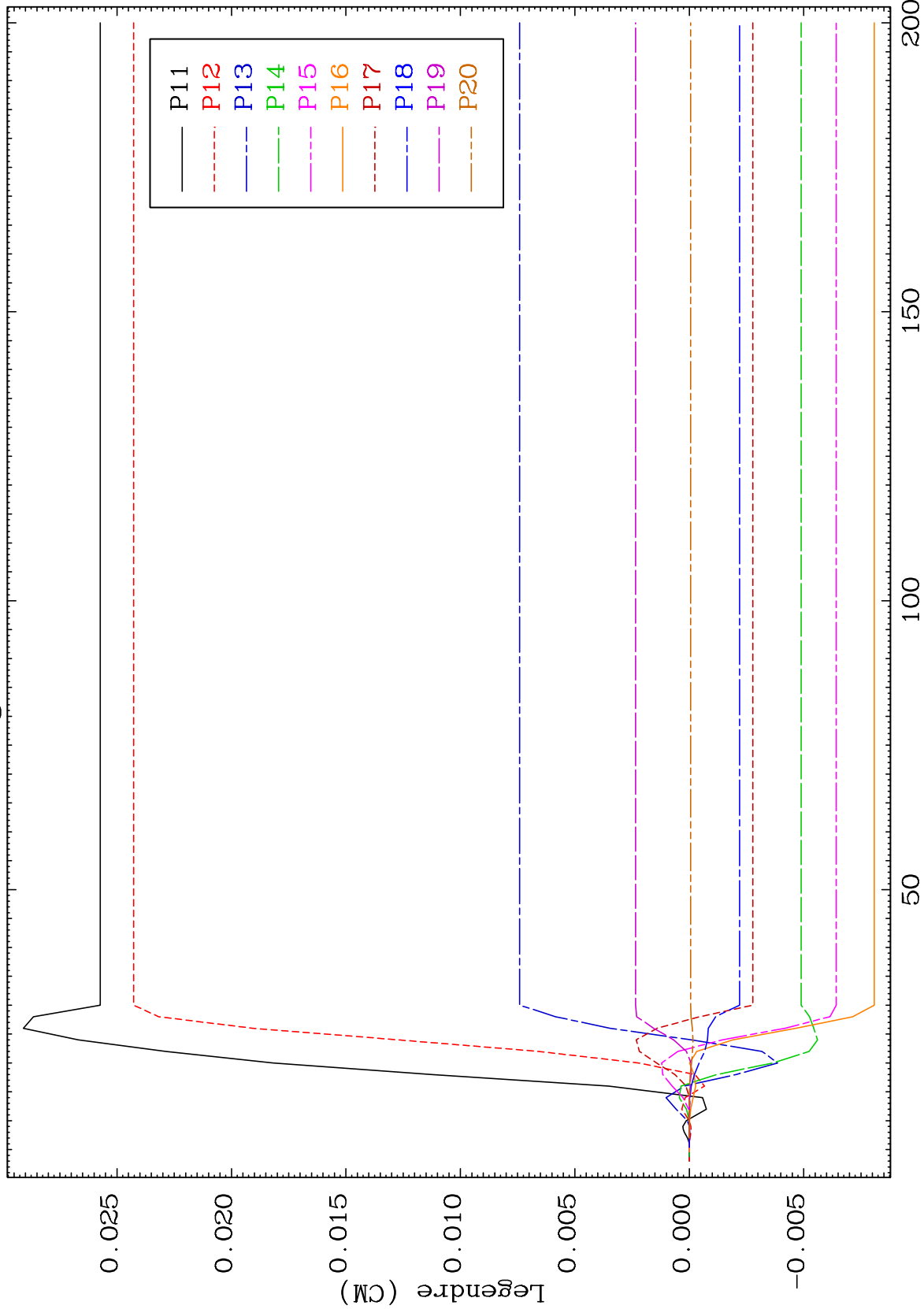




MAT 7855

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

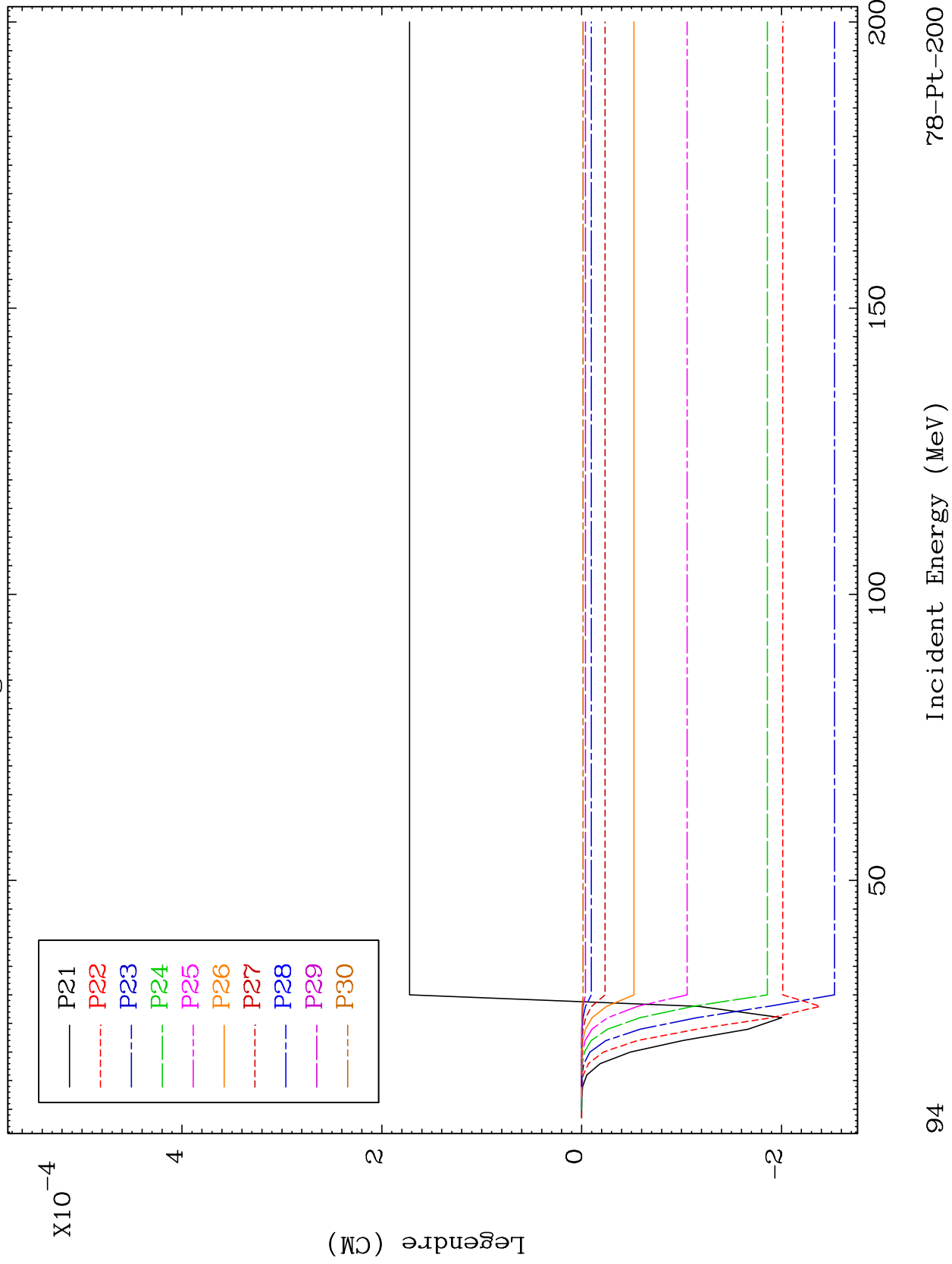
78-Pt-200



MAT 7855

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

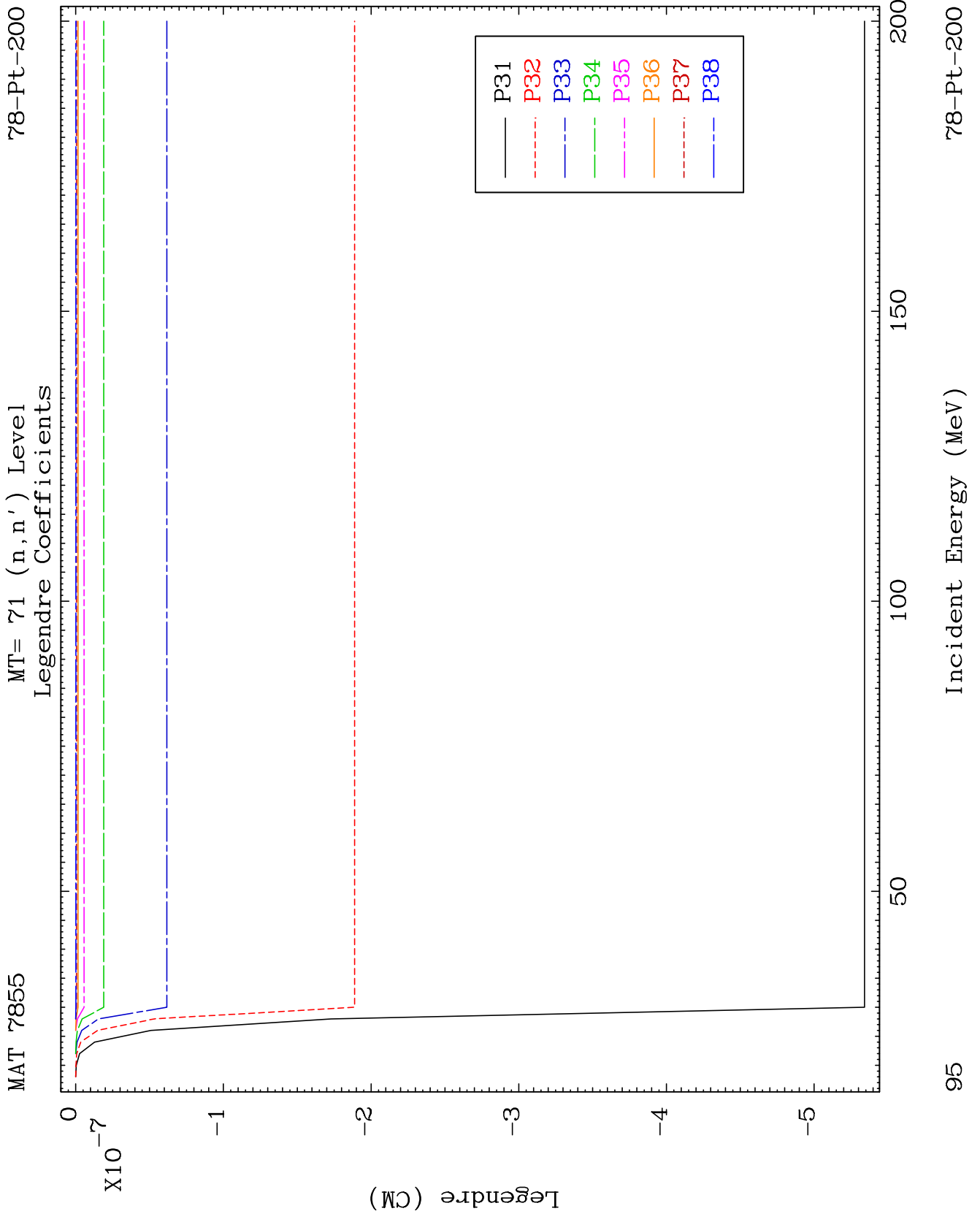
78-Pt-200



94

Incident Energy (MeV)

78-Pt-200

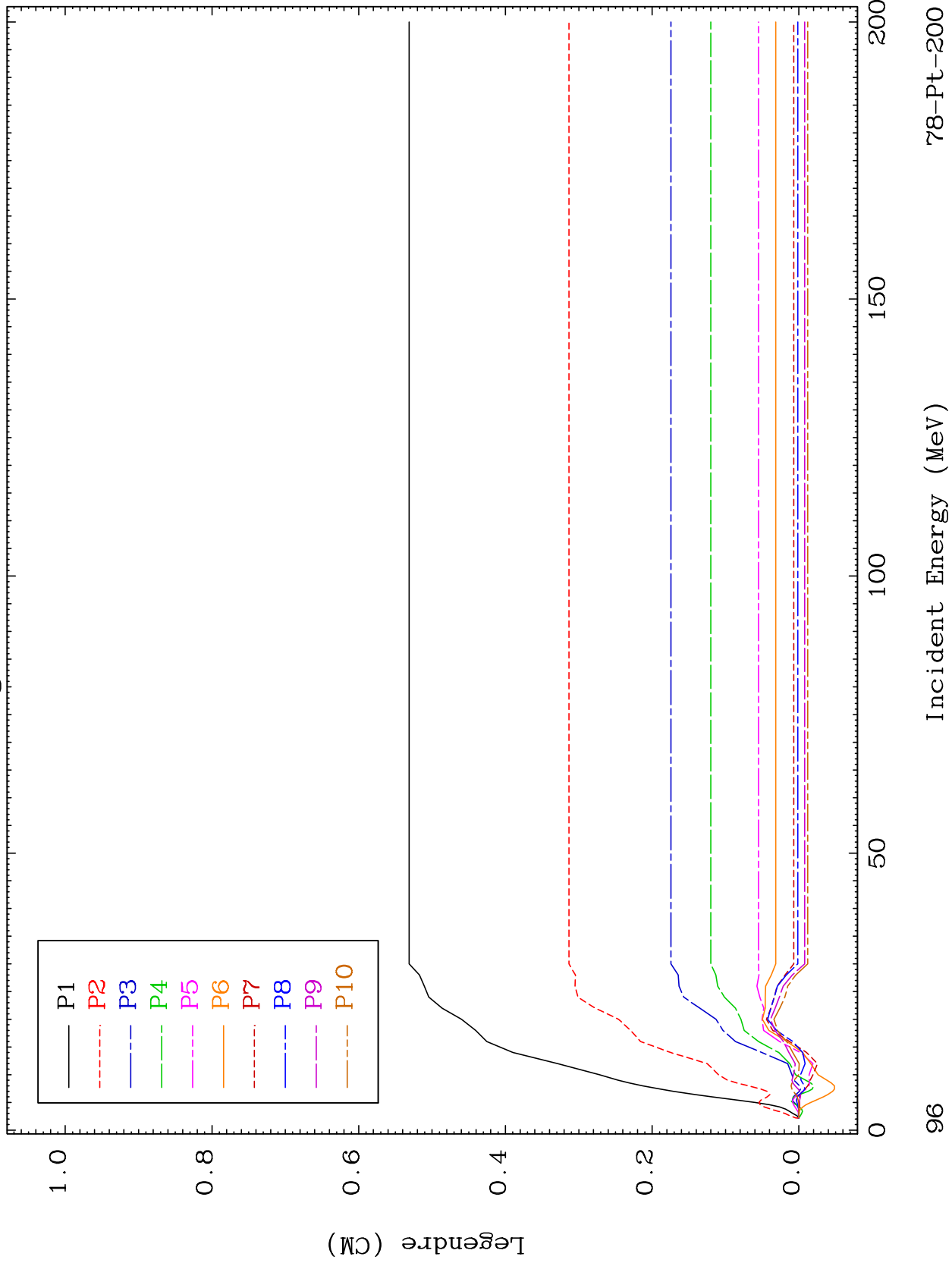




MAT 7855

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

78-Pt-200



96

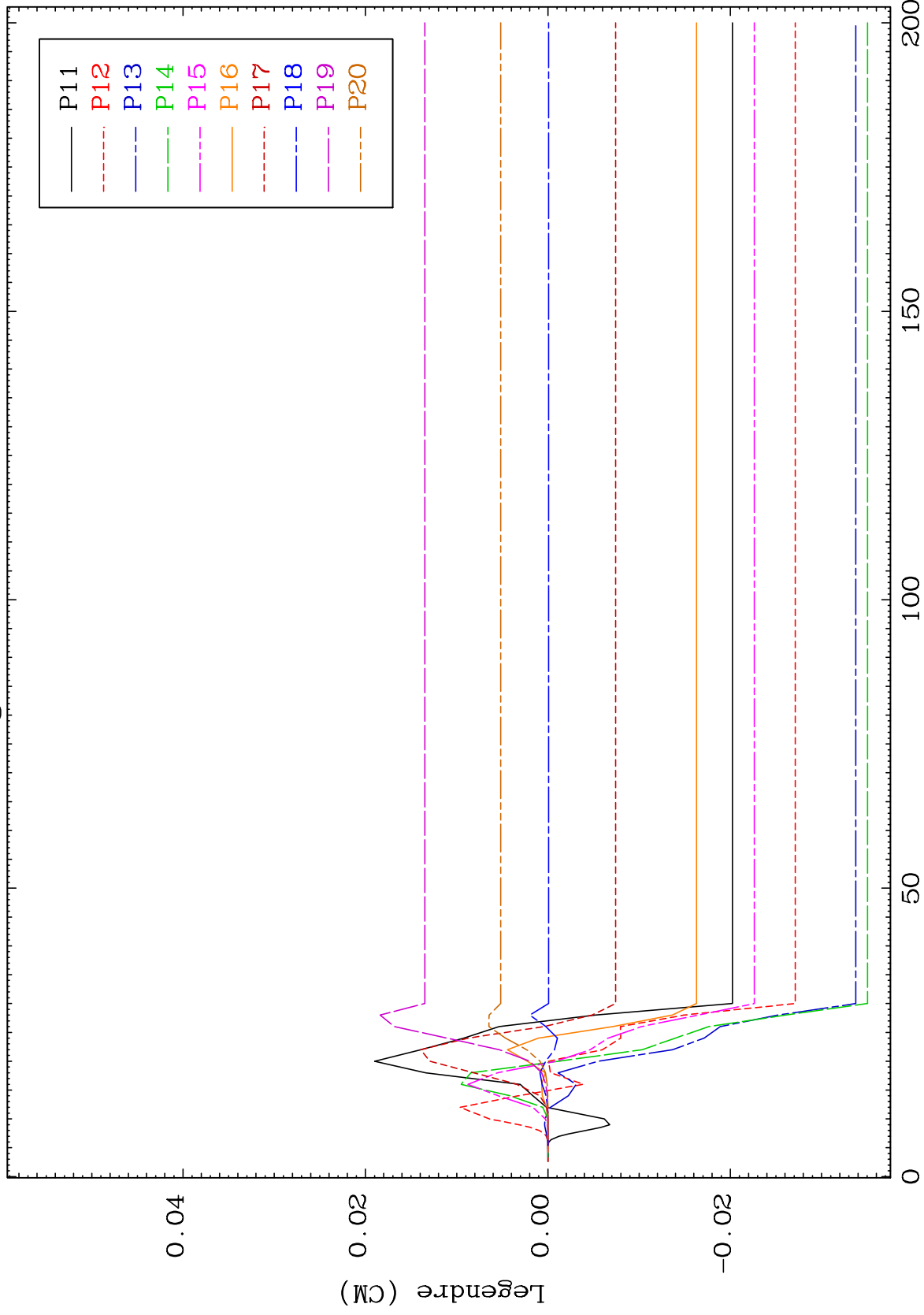
Incident Energy (MeV)

78-Pt-200

MAT 7855

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

78-Pt-200



97

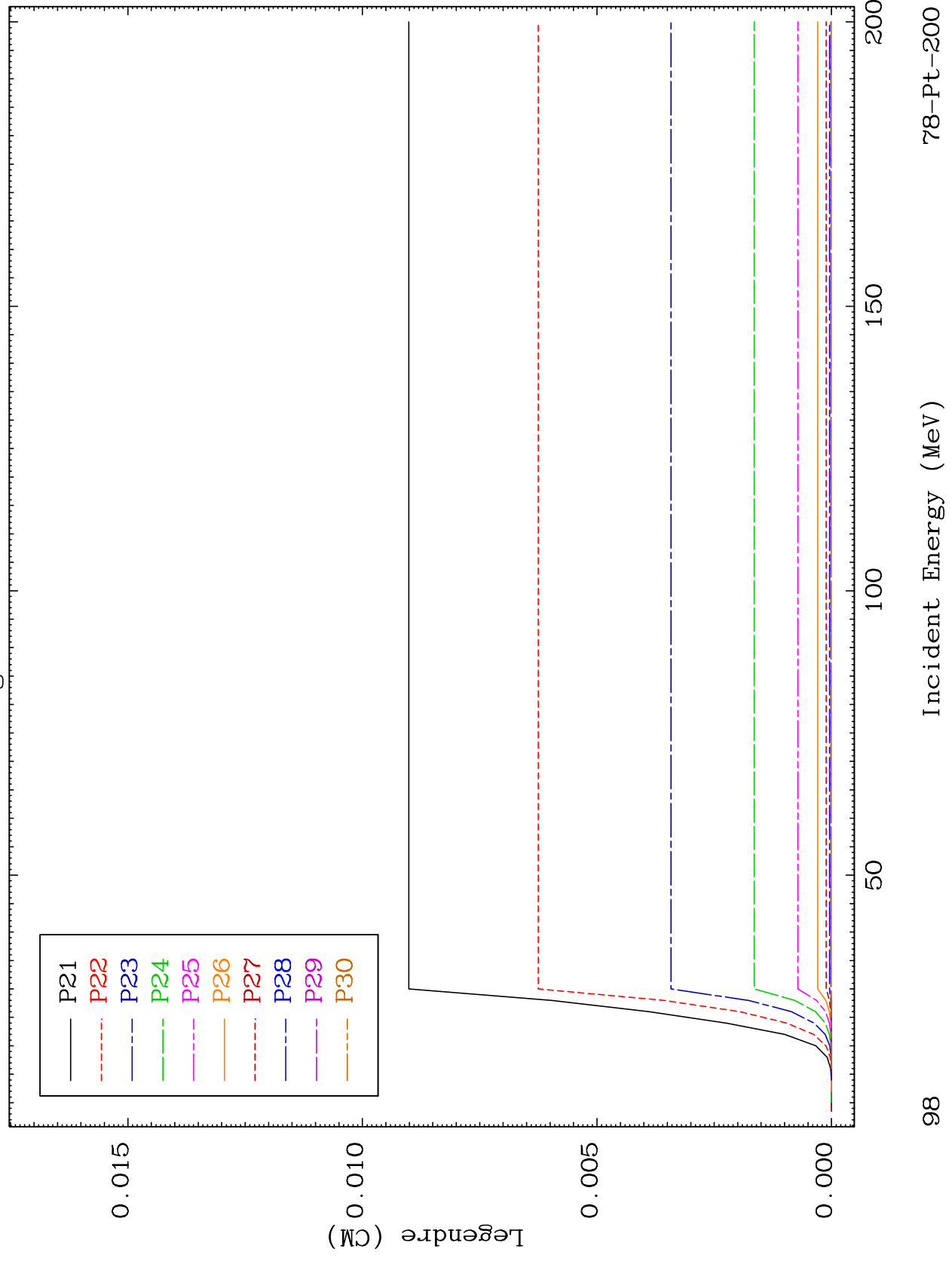
Incident Energy (MeV)

78-Pt-200

MAT 7855

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

78-Pt-200



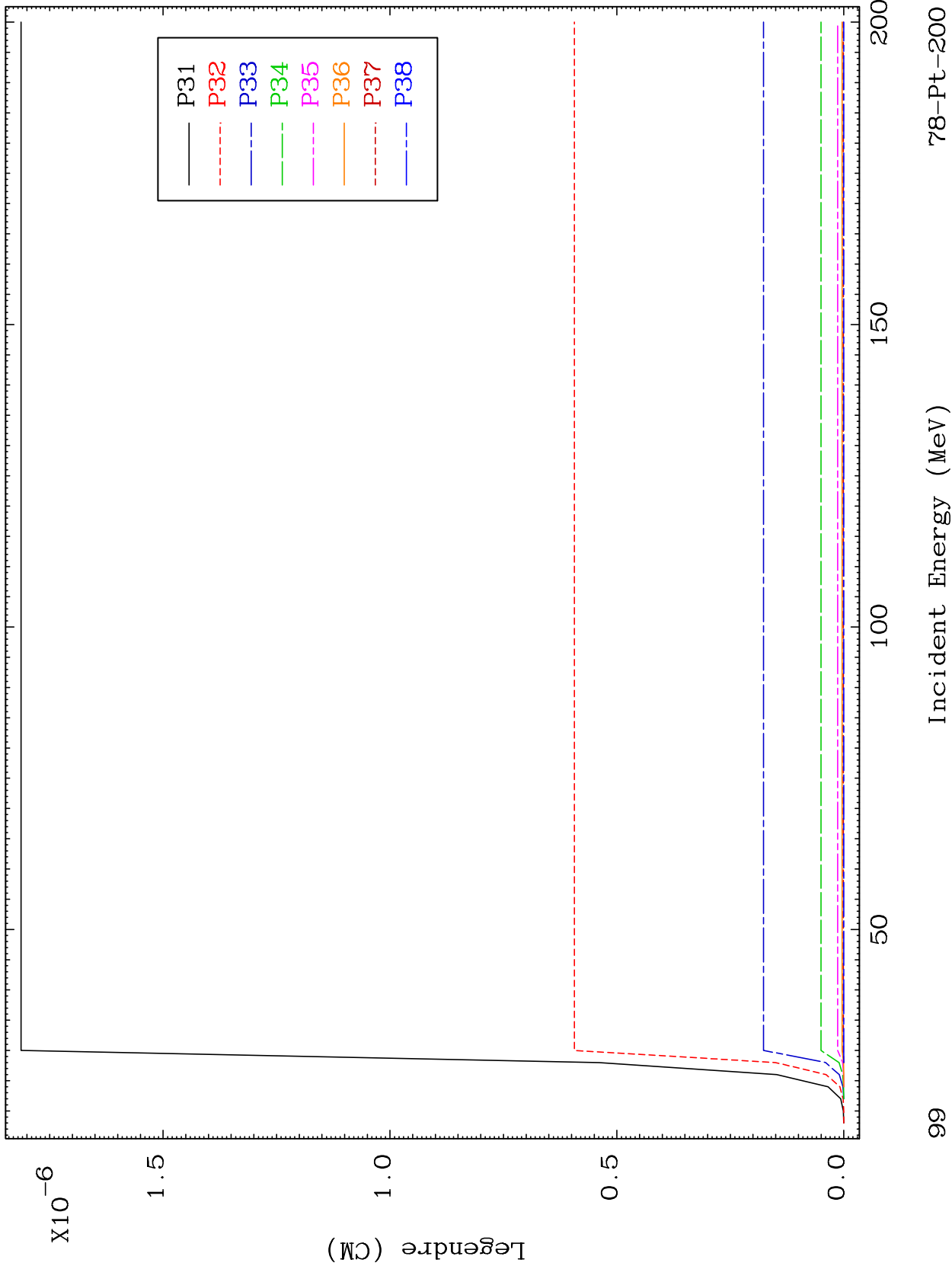
98

78-Pt-200

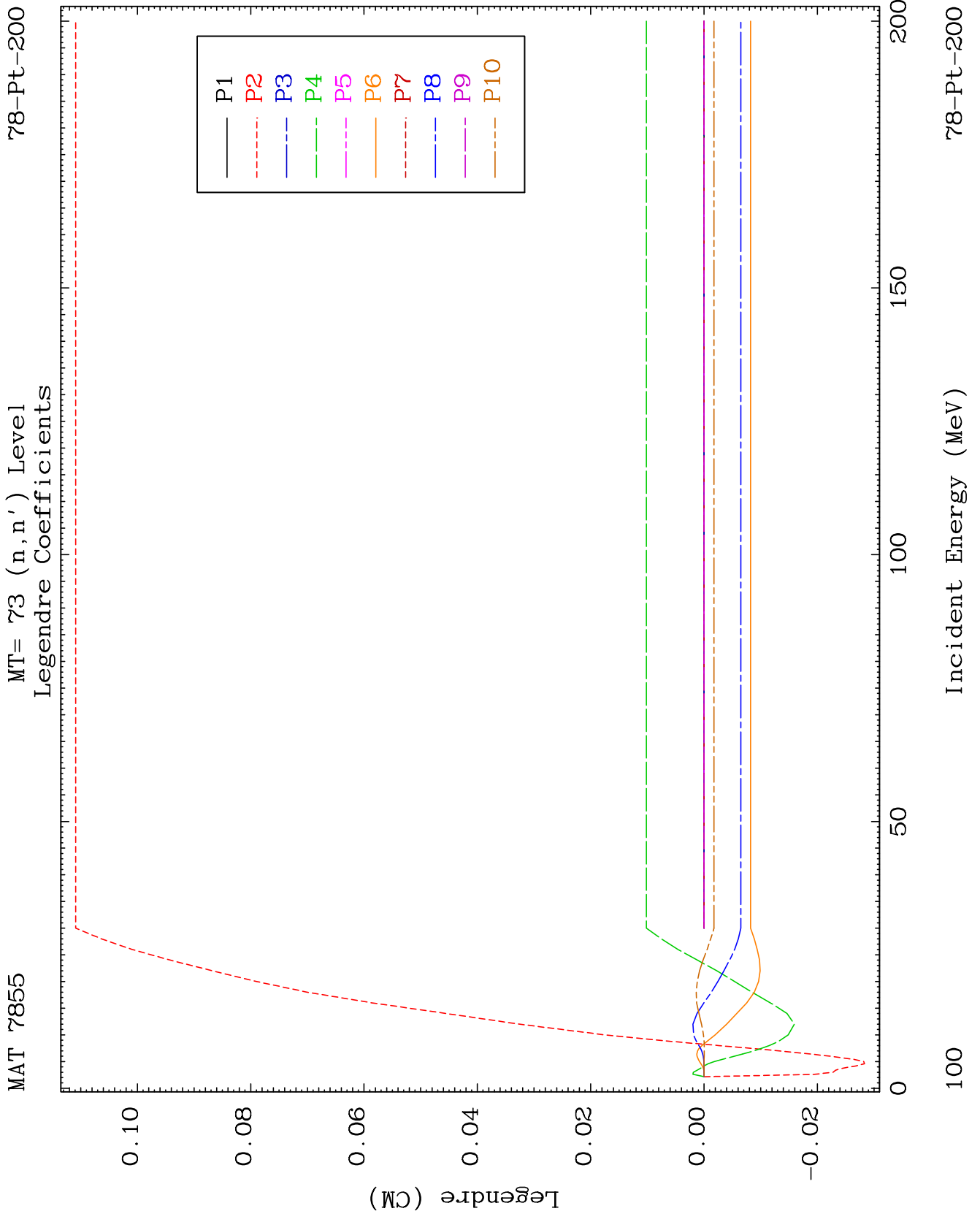
MAT 7855

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

78-Pt-200



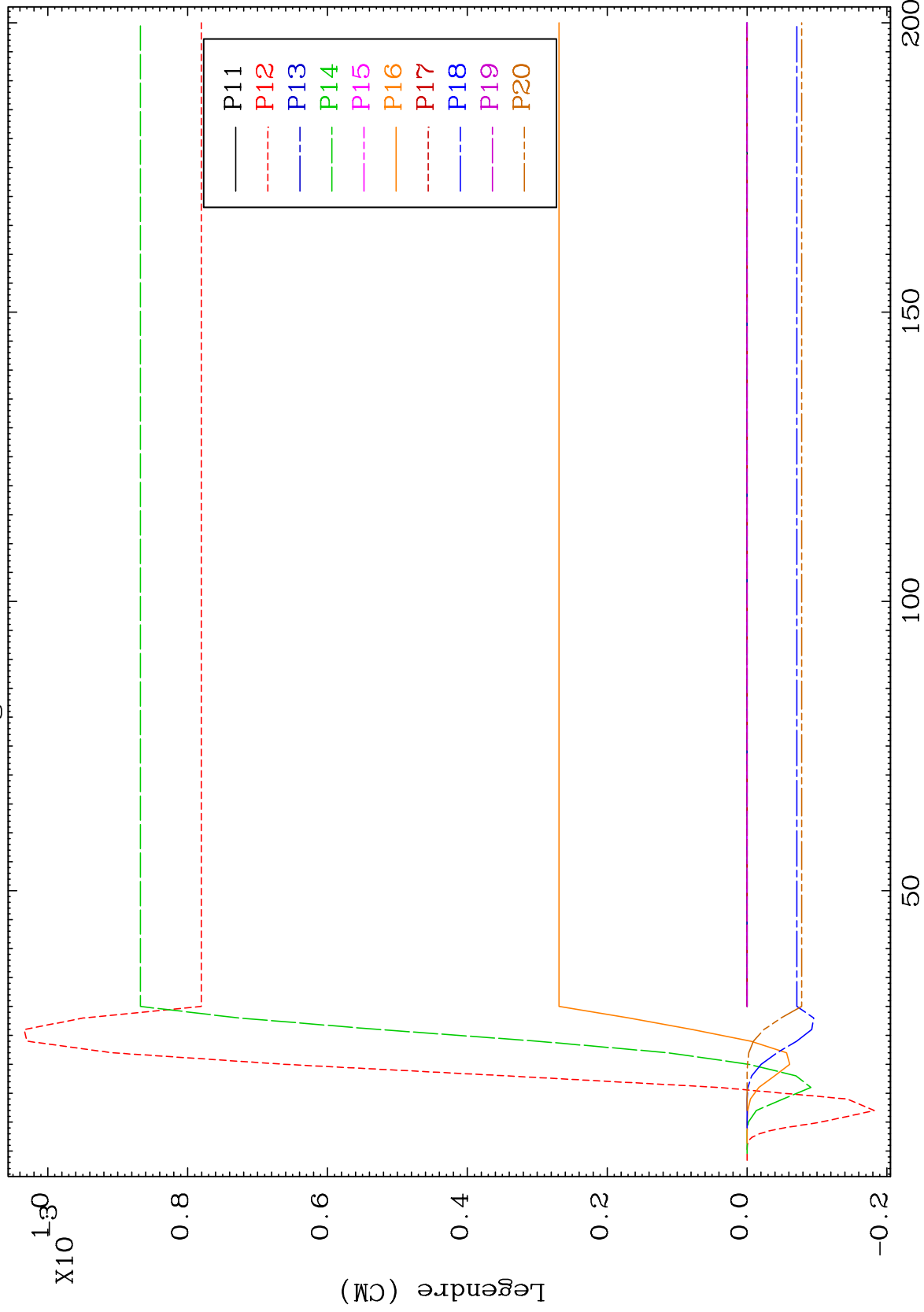
99

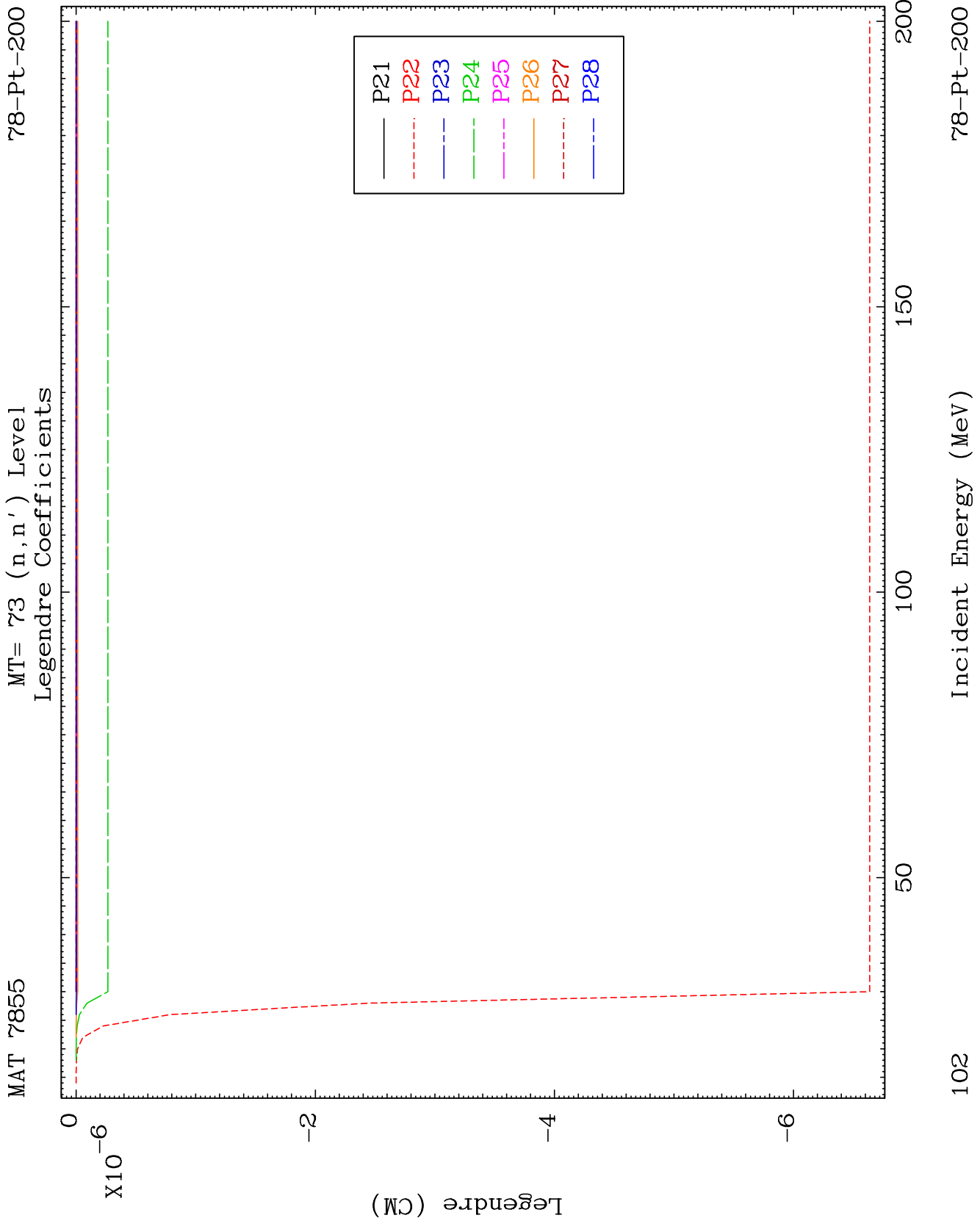


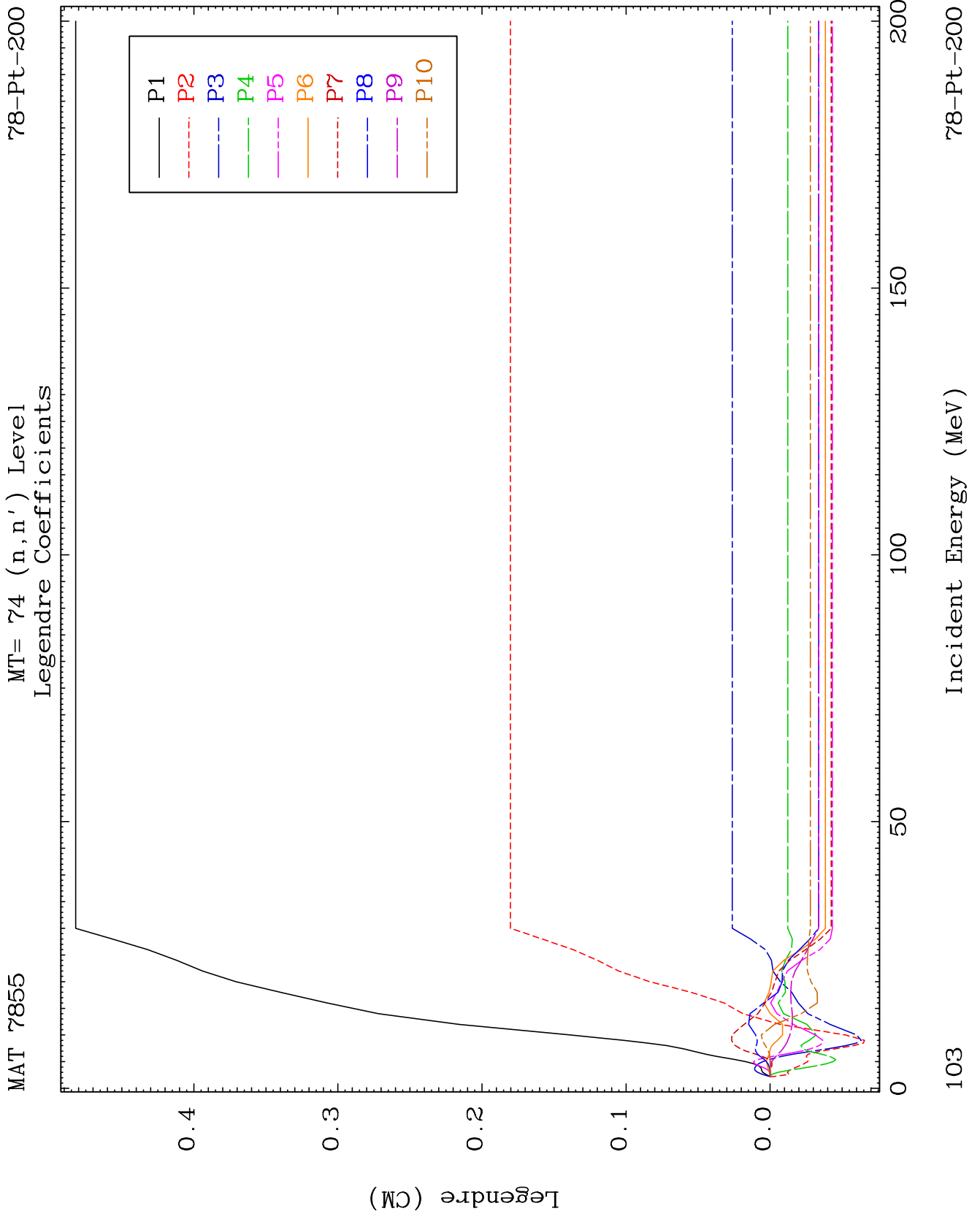
MAT 7855

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

78-Pt-200





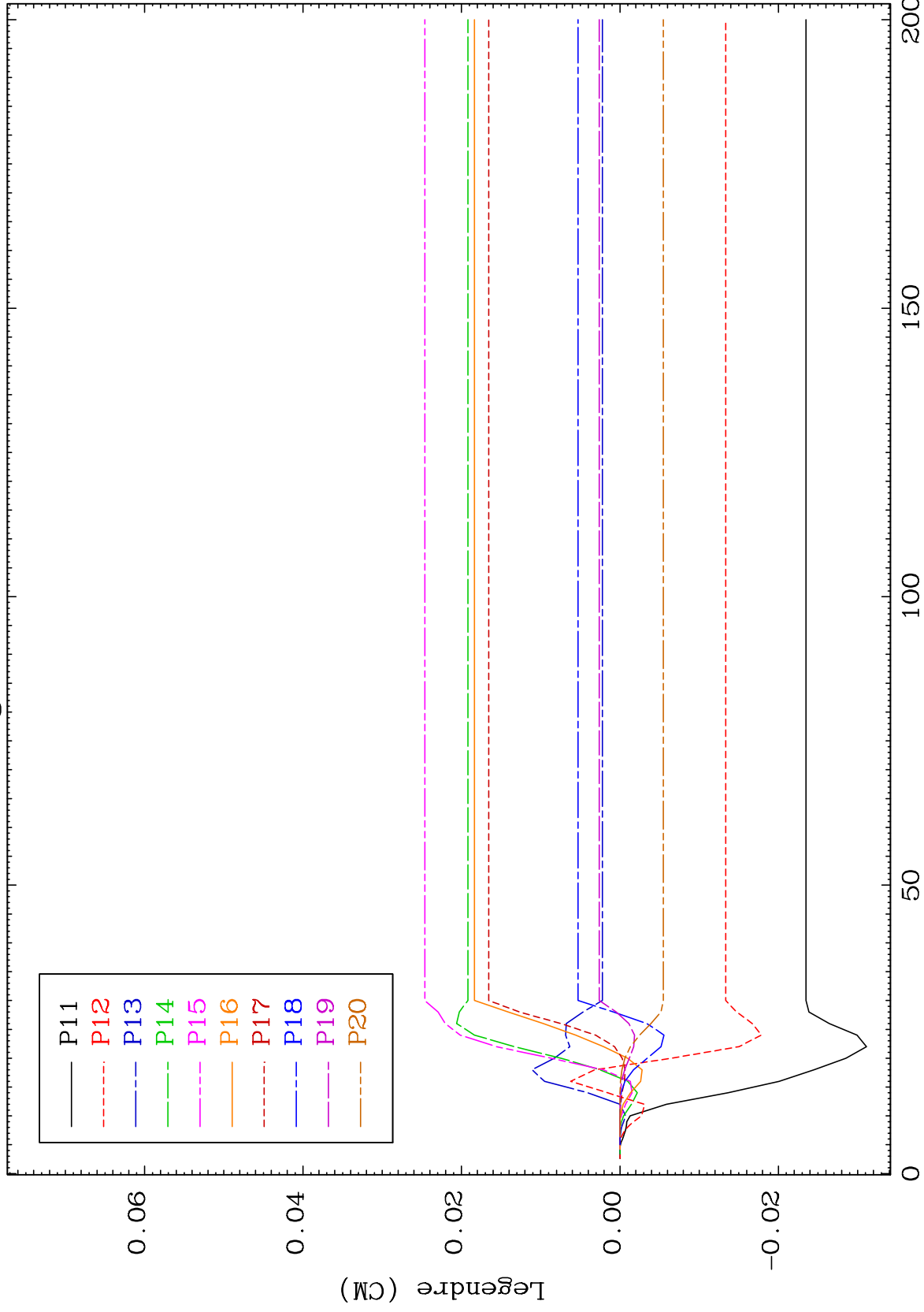




MAT 7855

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

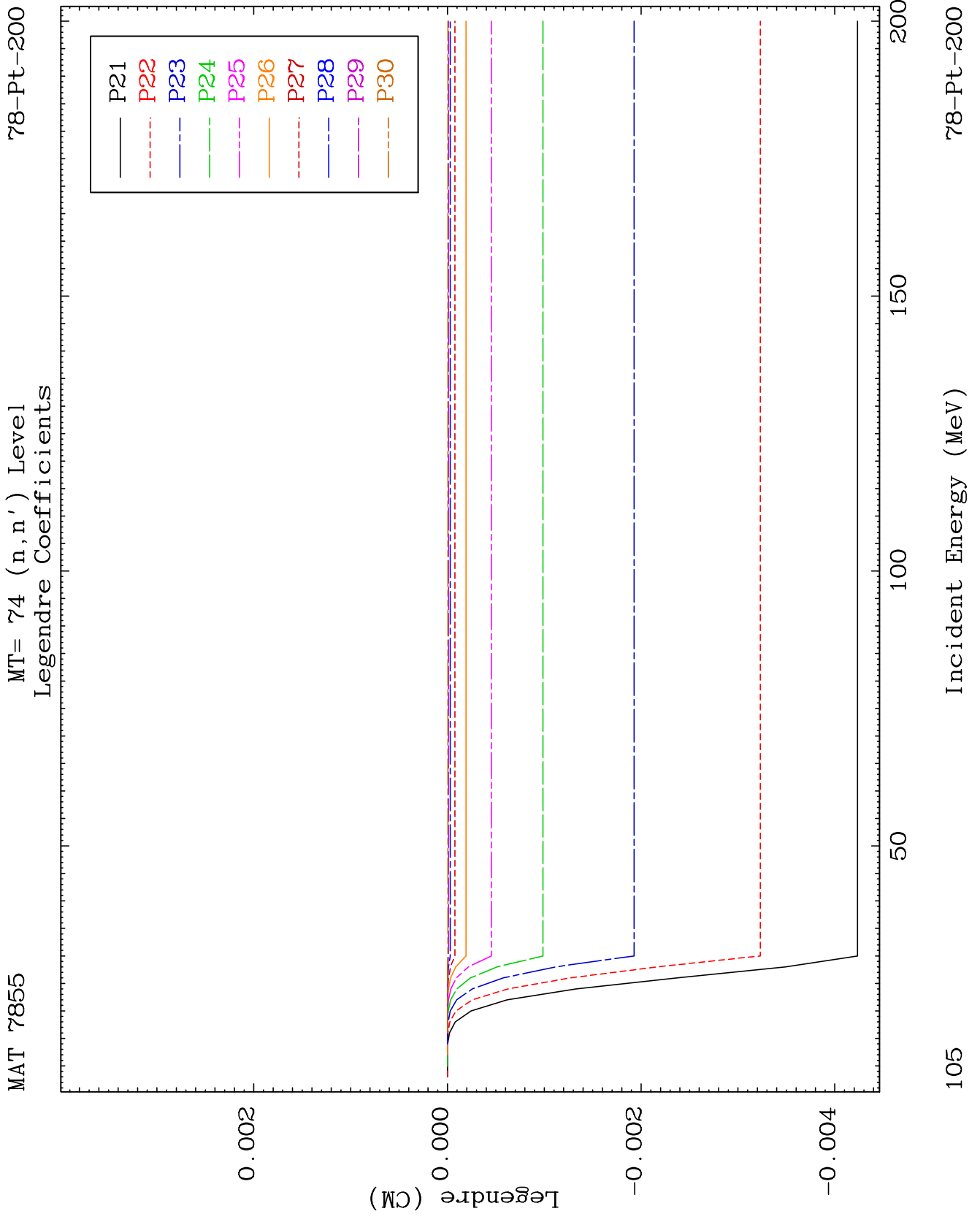
78-Pt-200

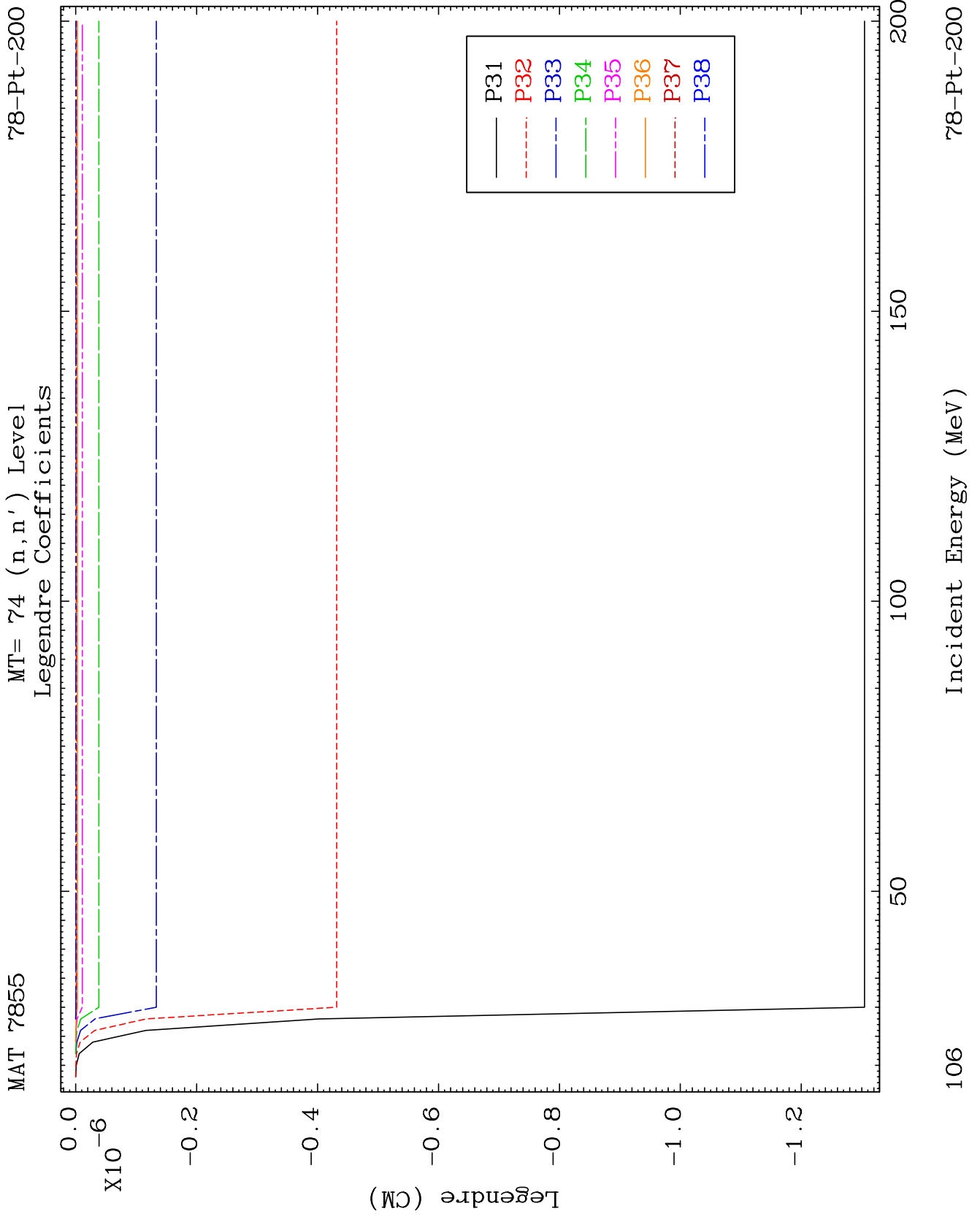


104

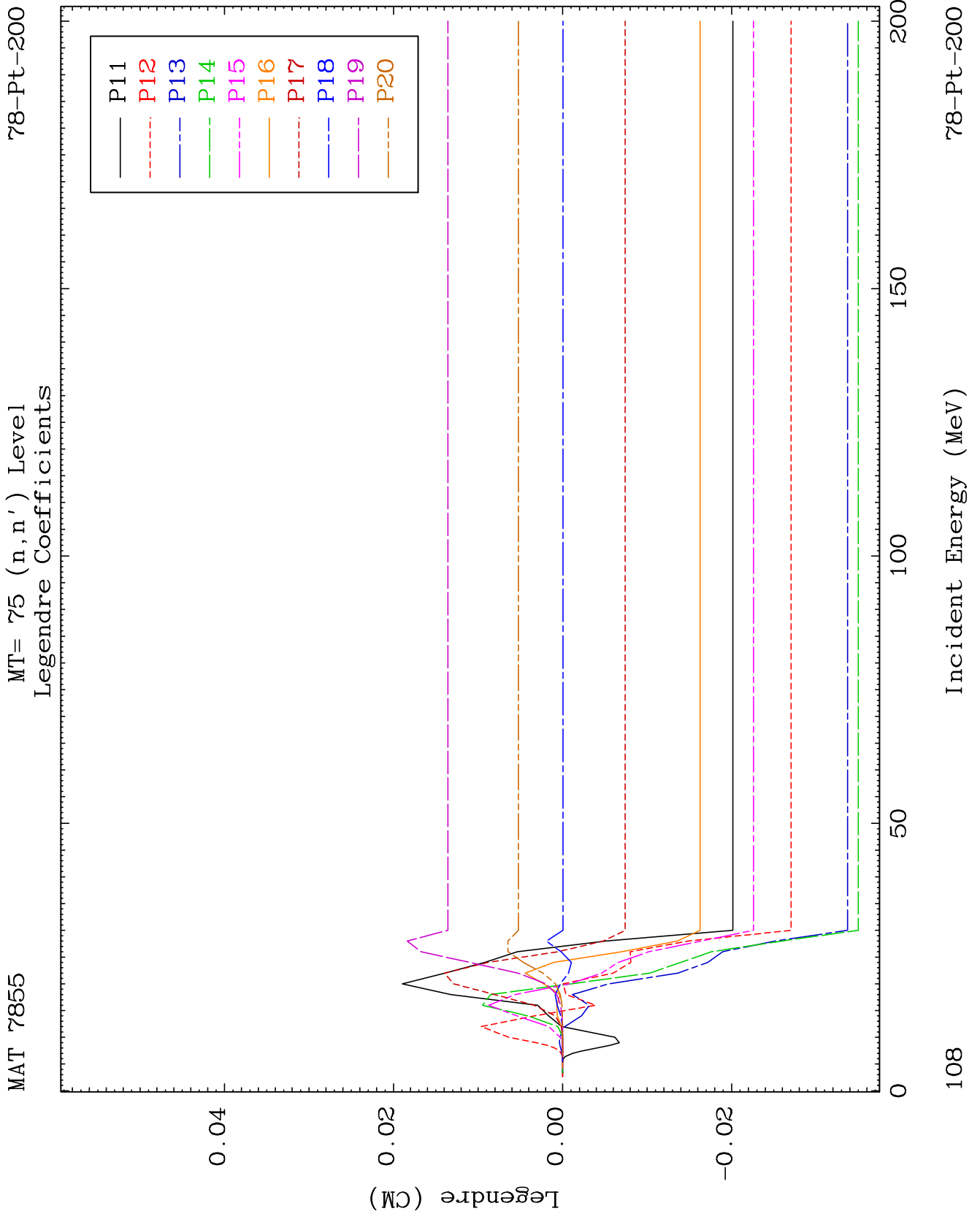
Incident Energy (MeV)

78-Pt-200





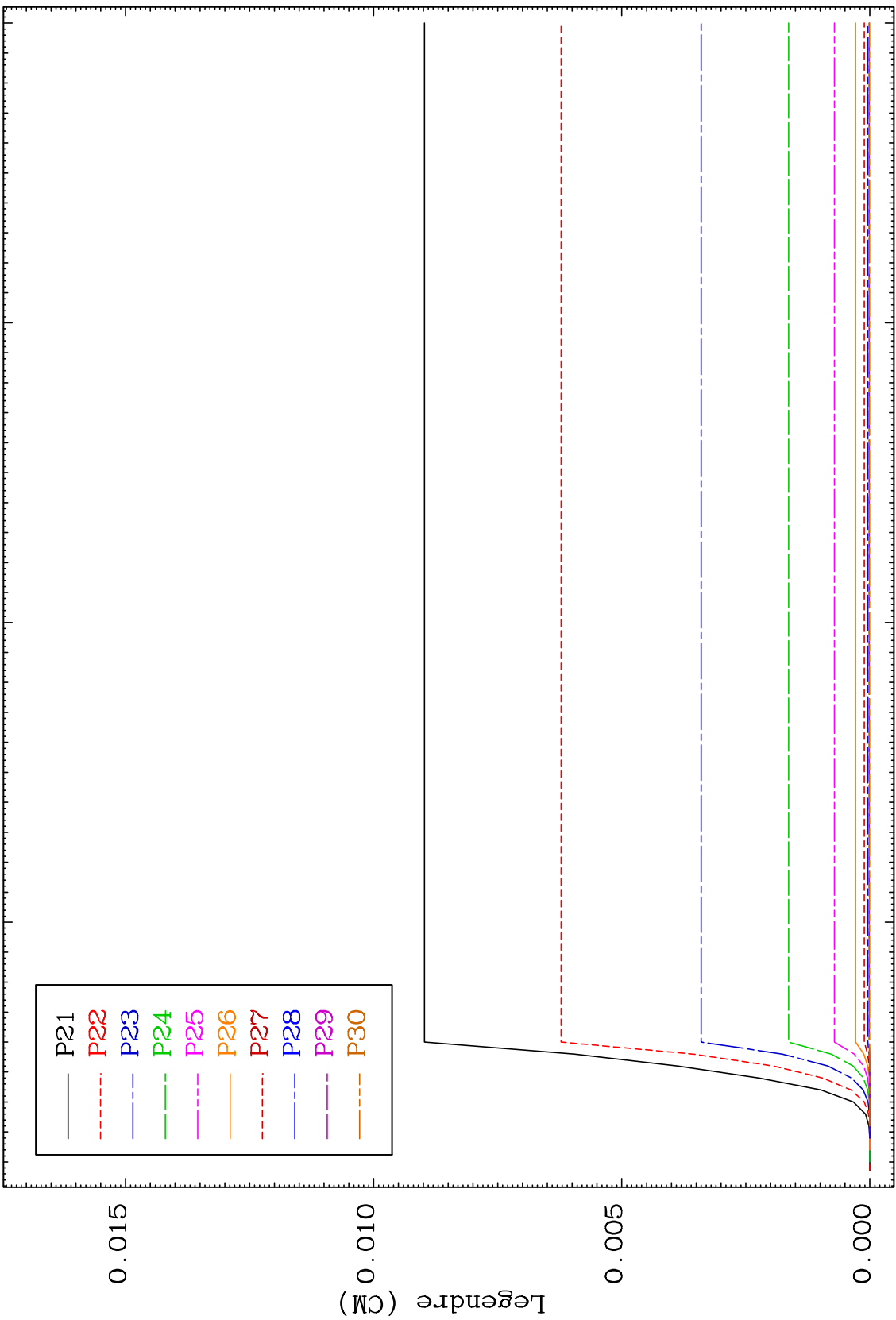




MAT 7855

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

78-Pt-200



200

150

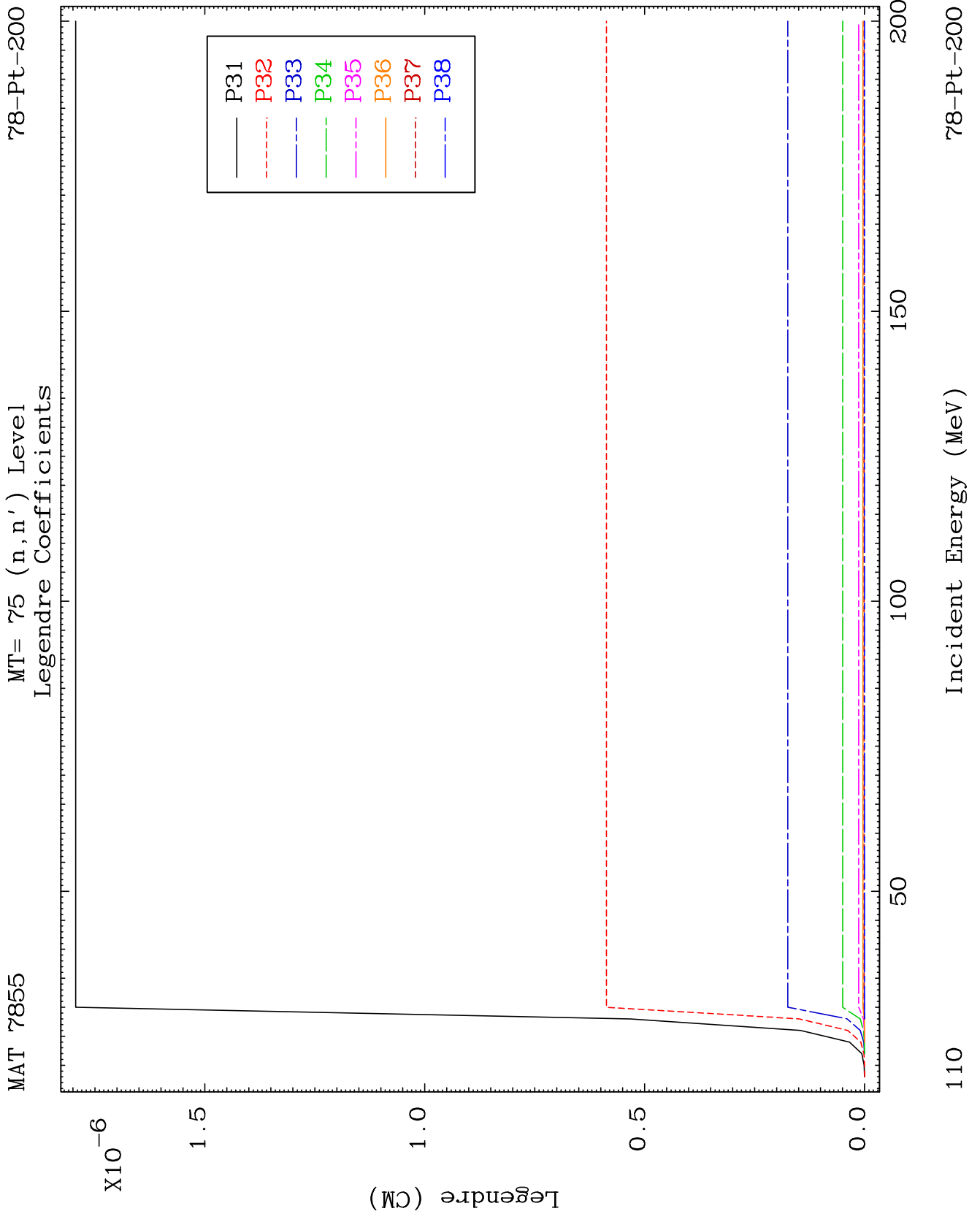
100

50

78-Pt-200

Incident Energy (MeV)

109



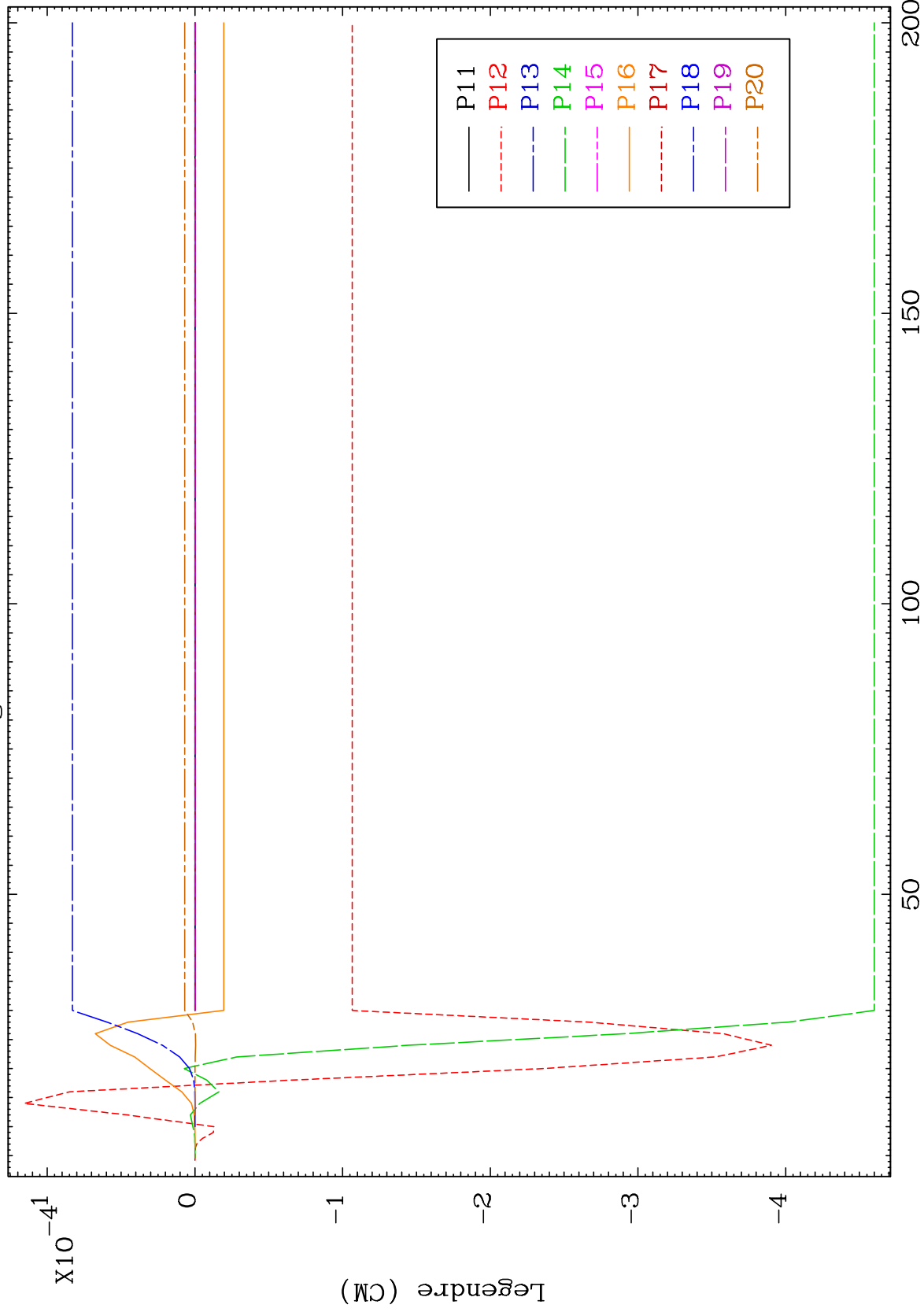




MAT 7855

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

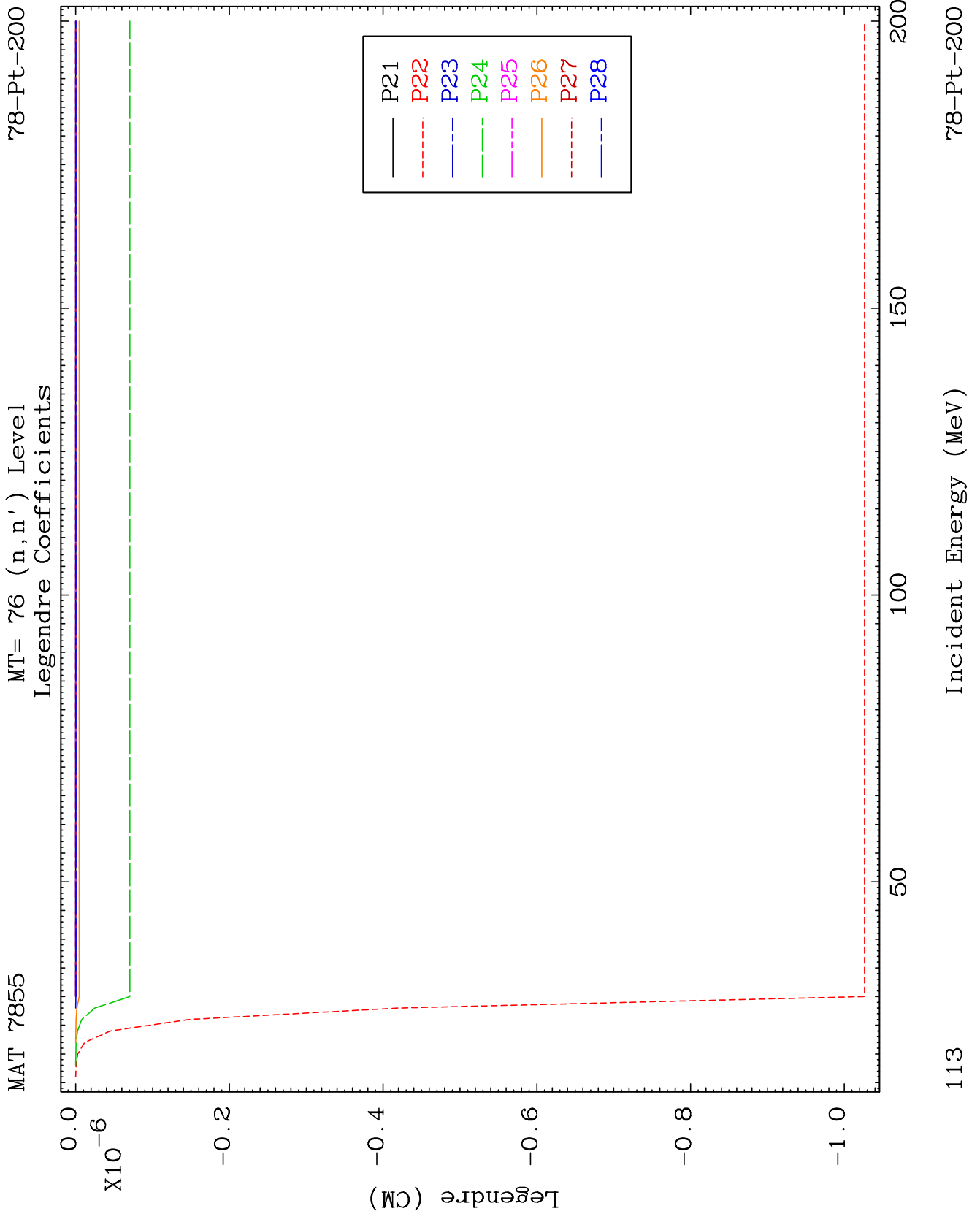
78-Pt-200

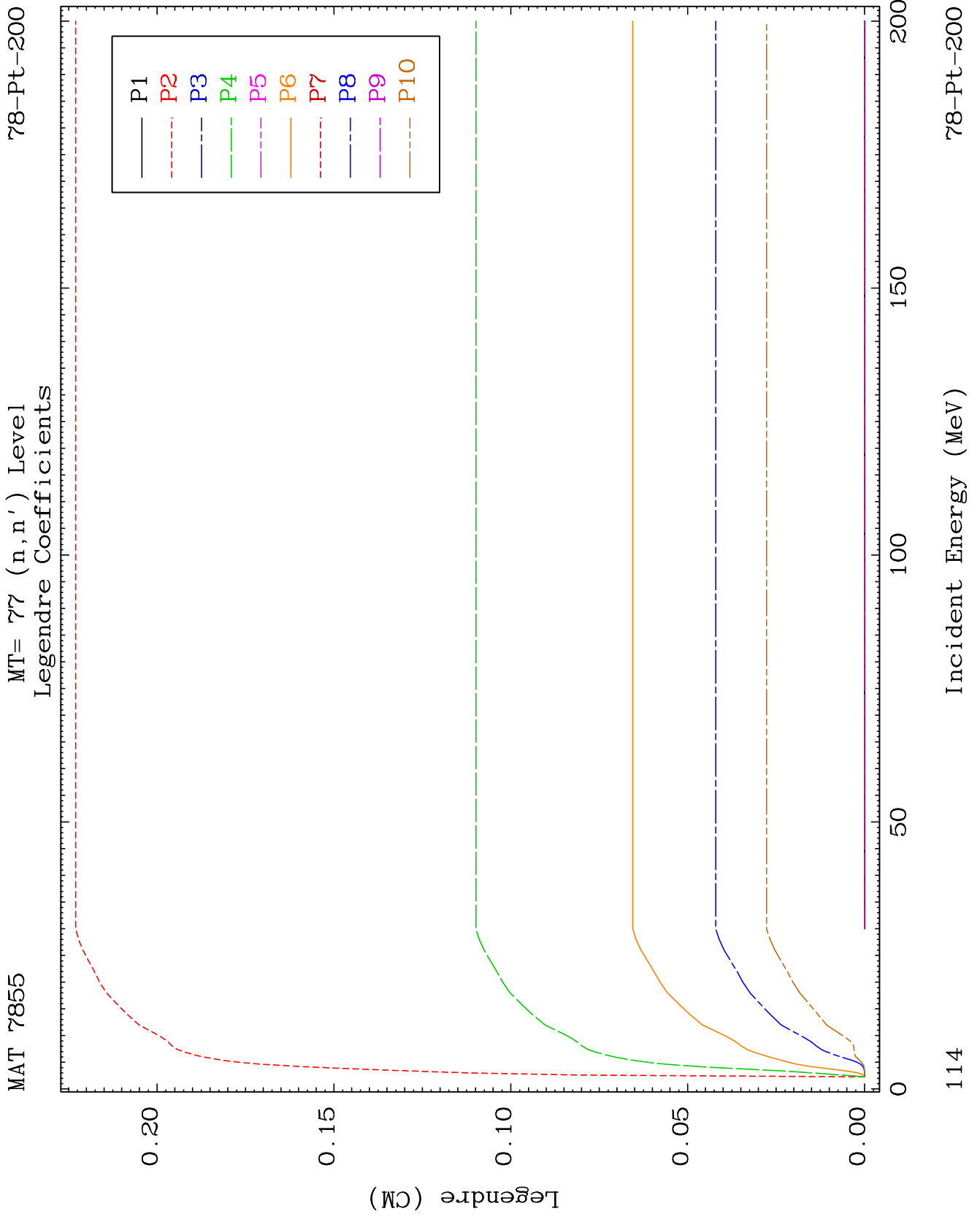


112

Incident Energy (MeV)

78-Pt-200

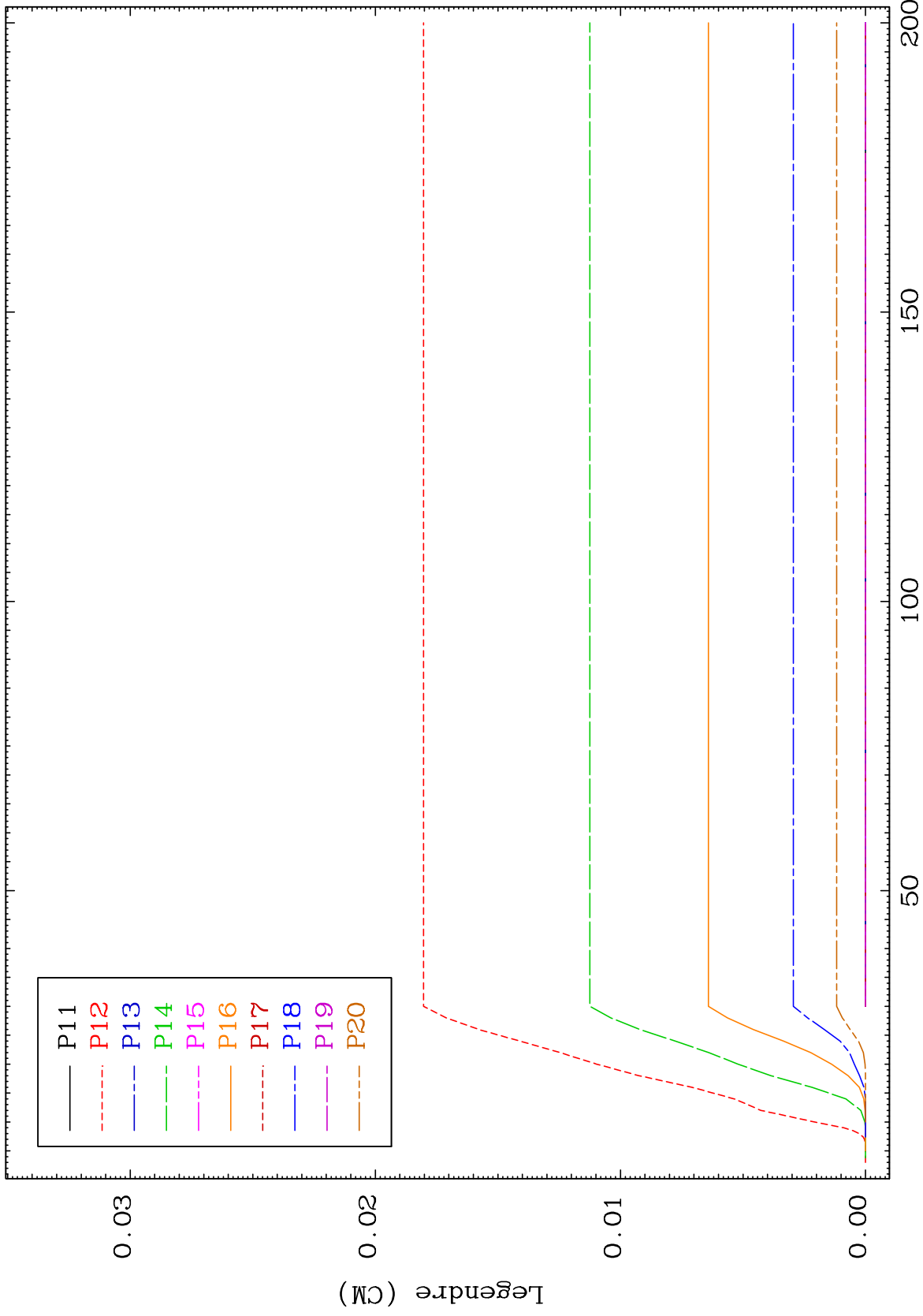




MAT 7855

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

78-Pt-200

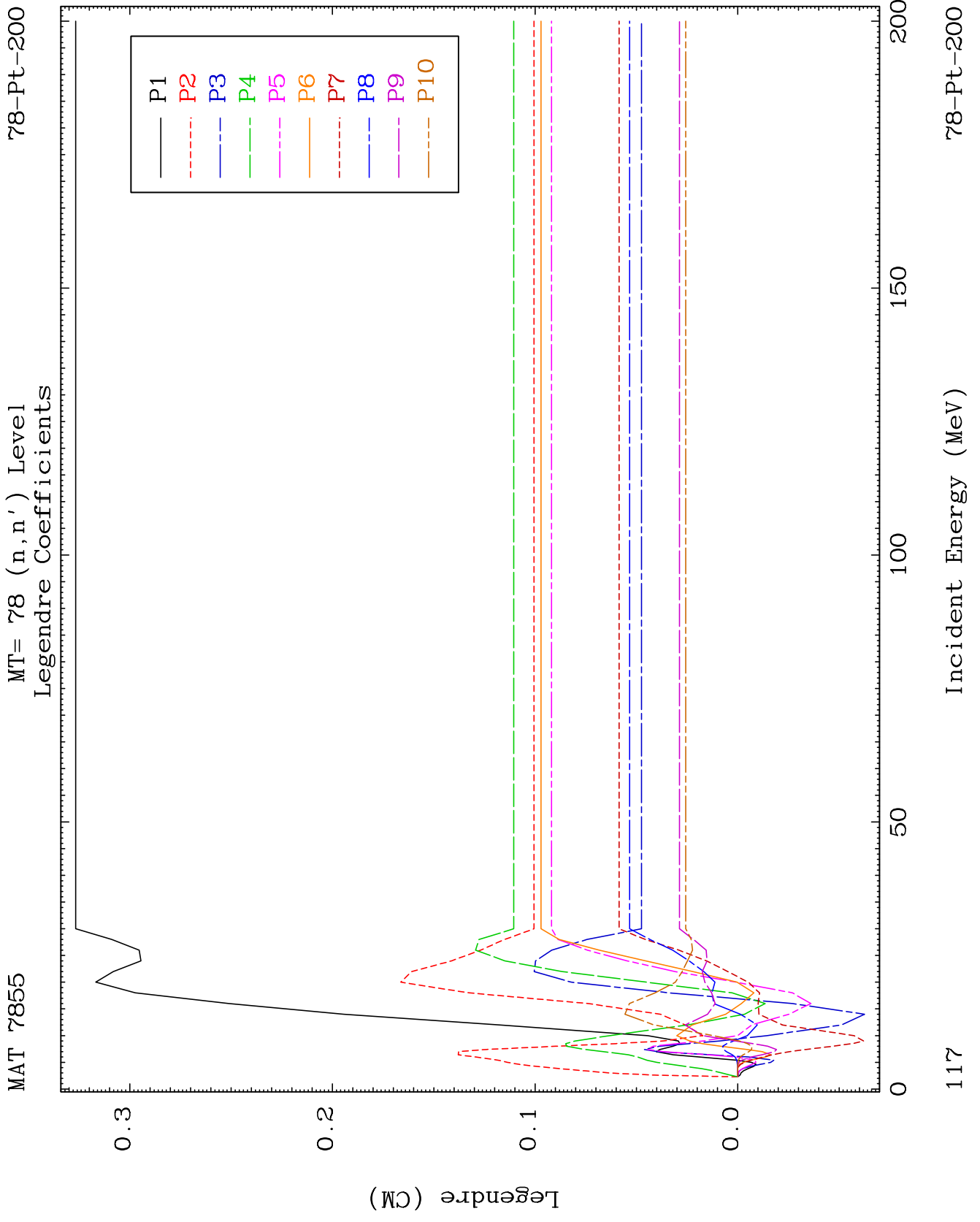


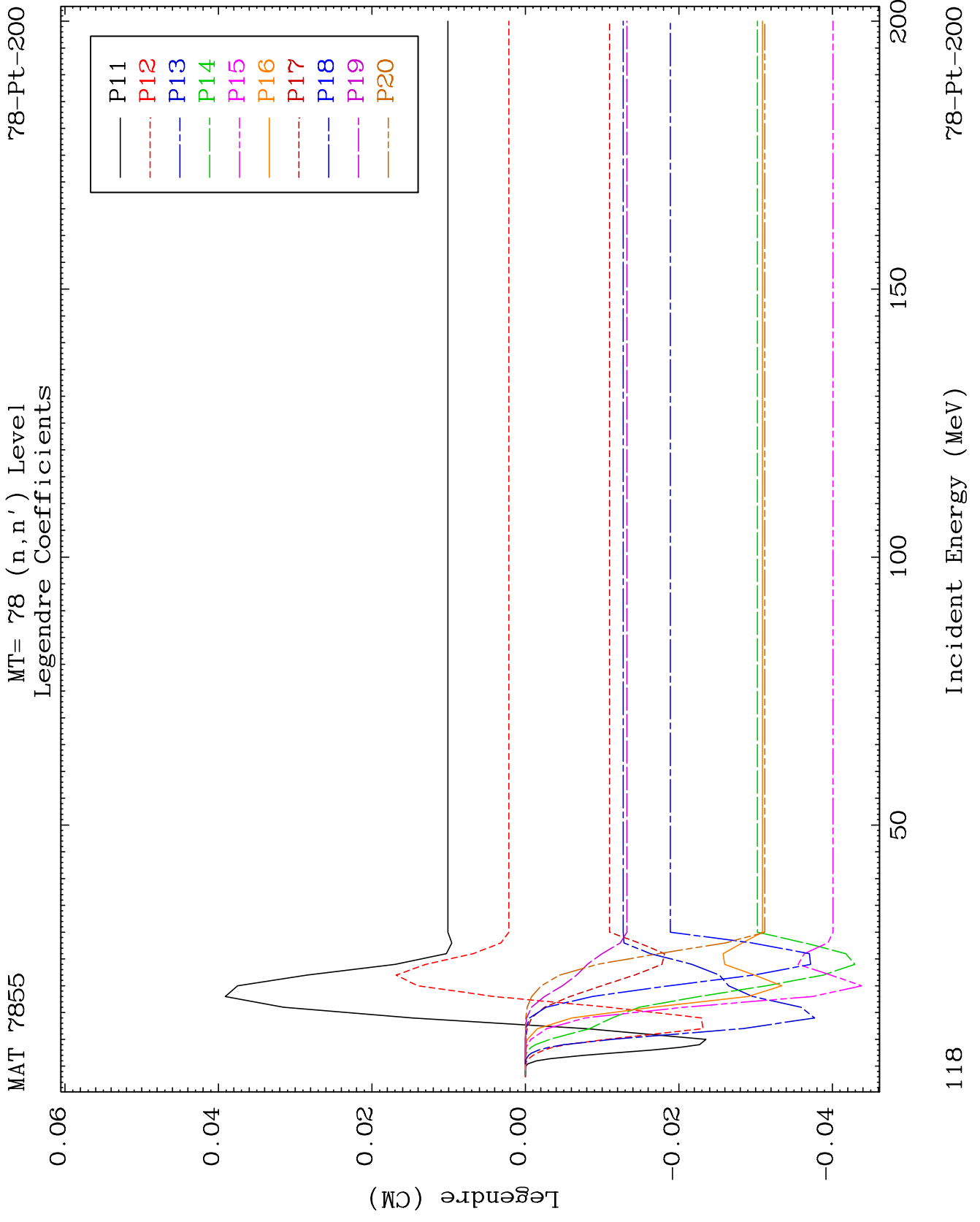
115

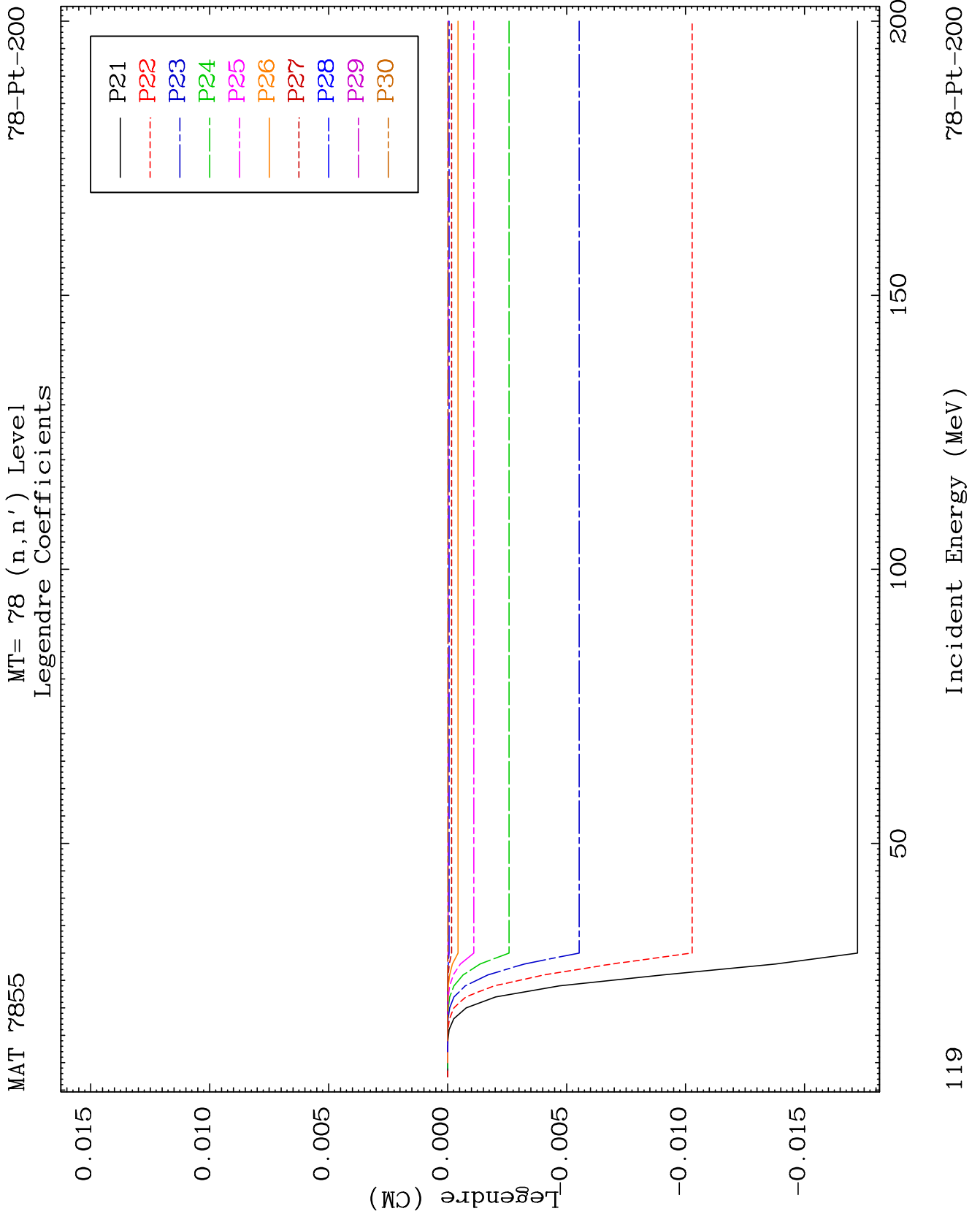
Incident Energy (MeV)

78-Pt-200

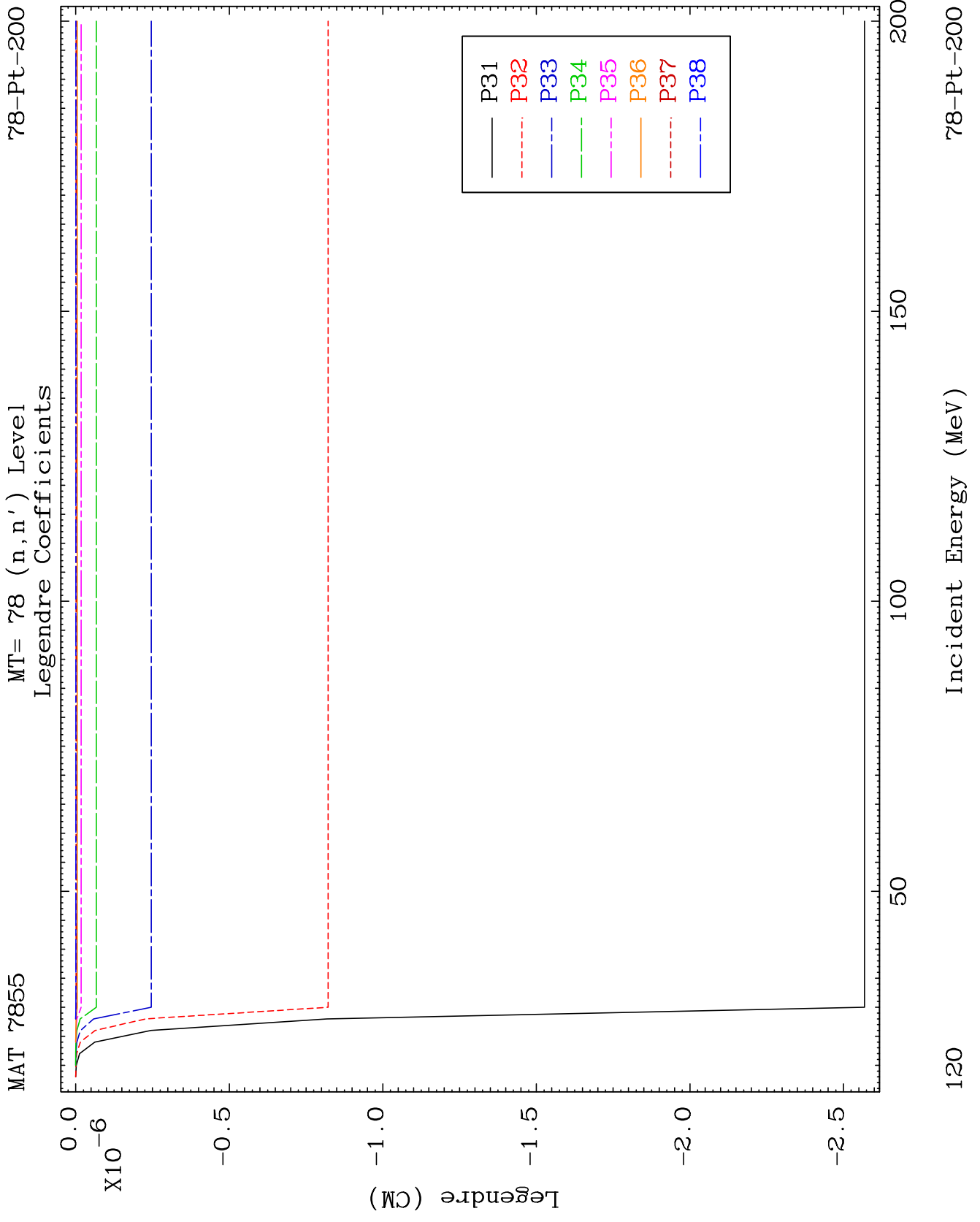


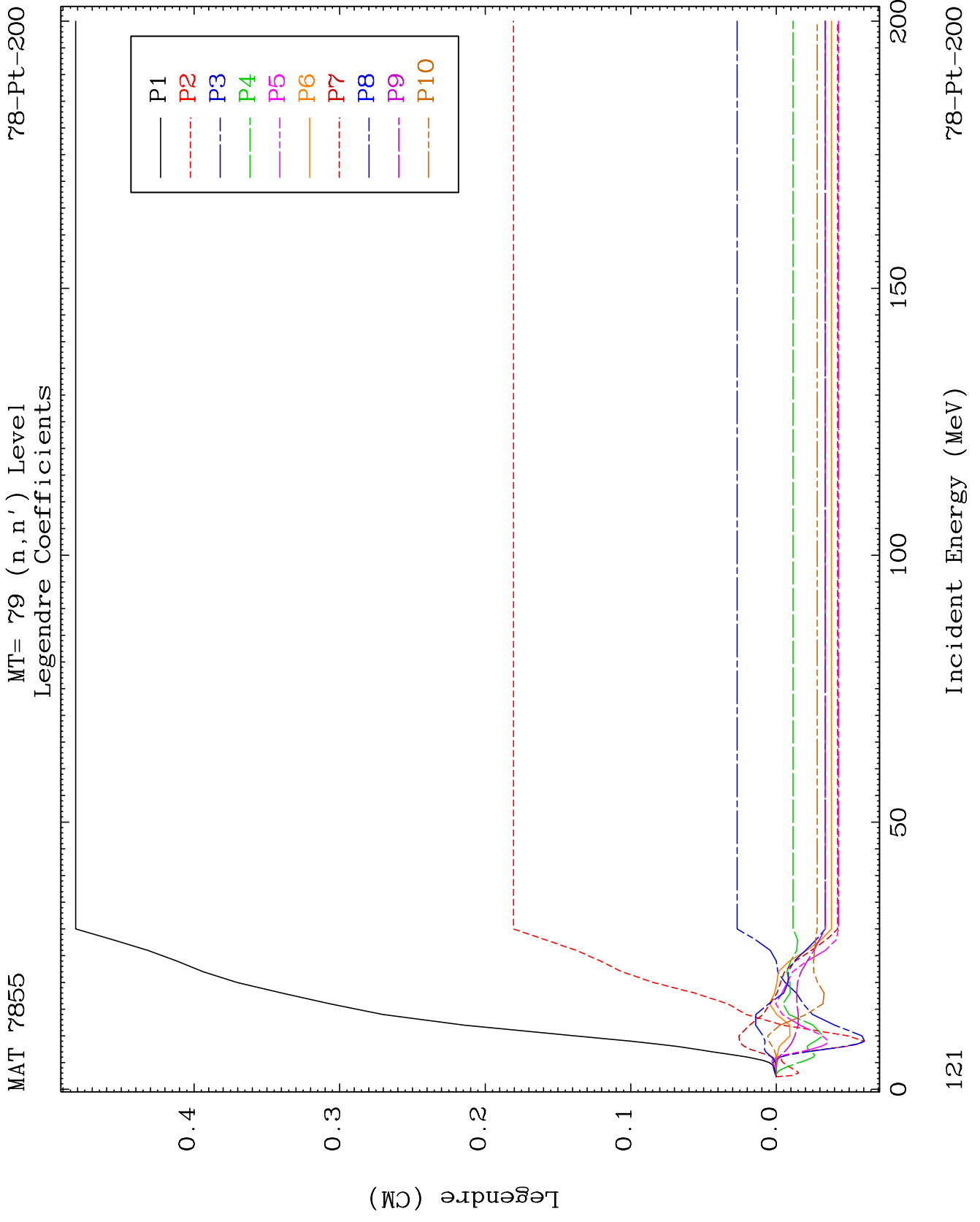








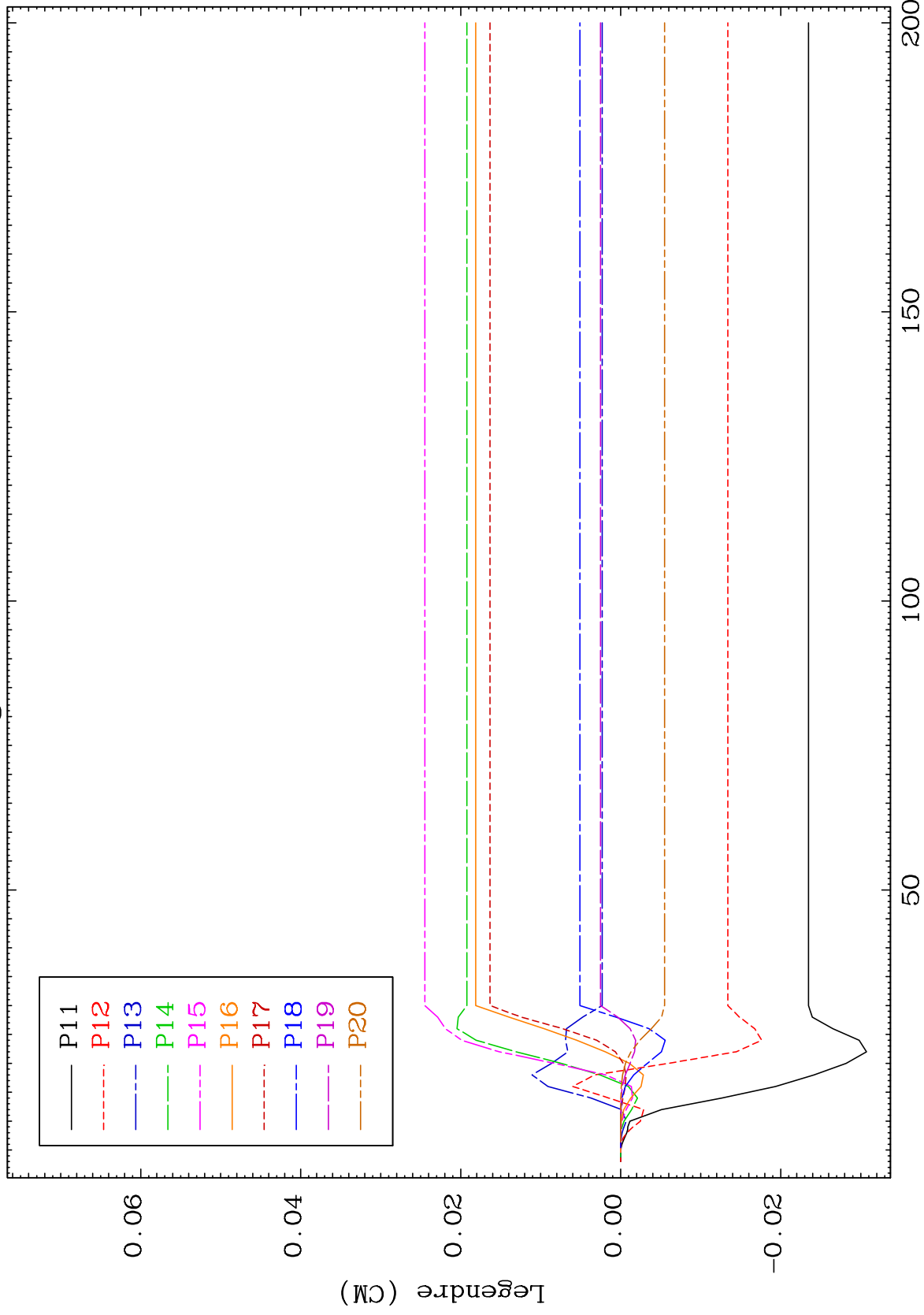




MAT 7855

MT= 79 (n,n') Level  
Legendre Coefficients

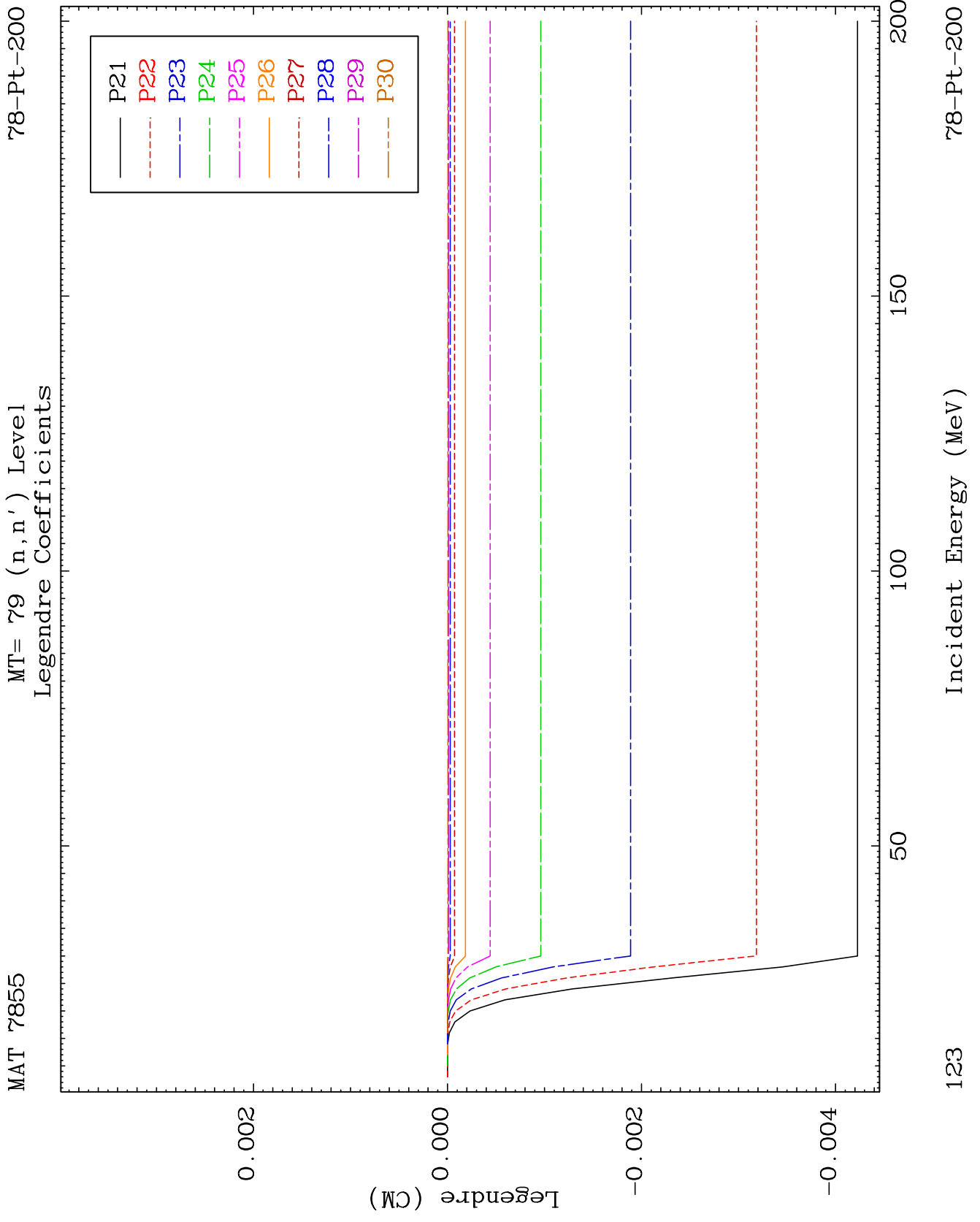
78-Pt-200

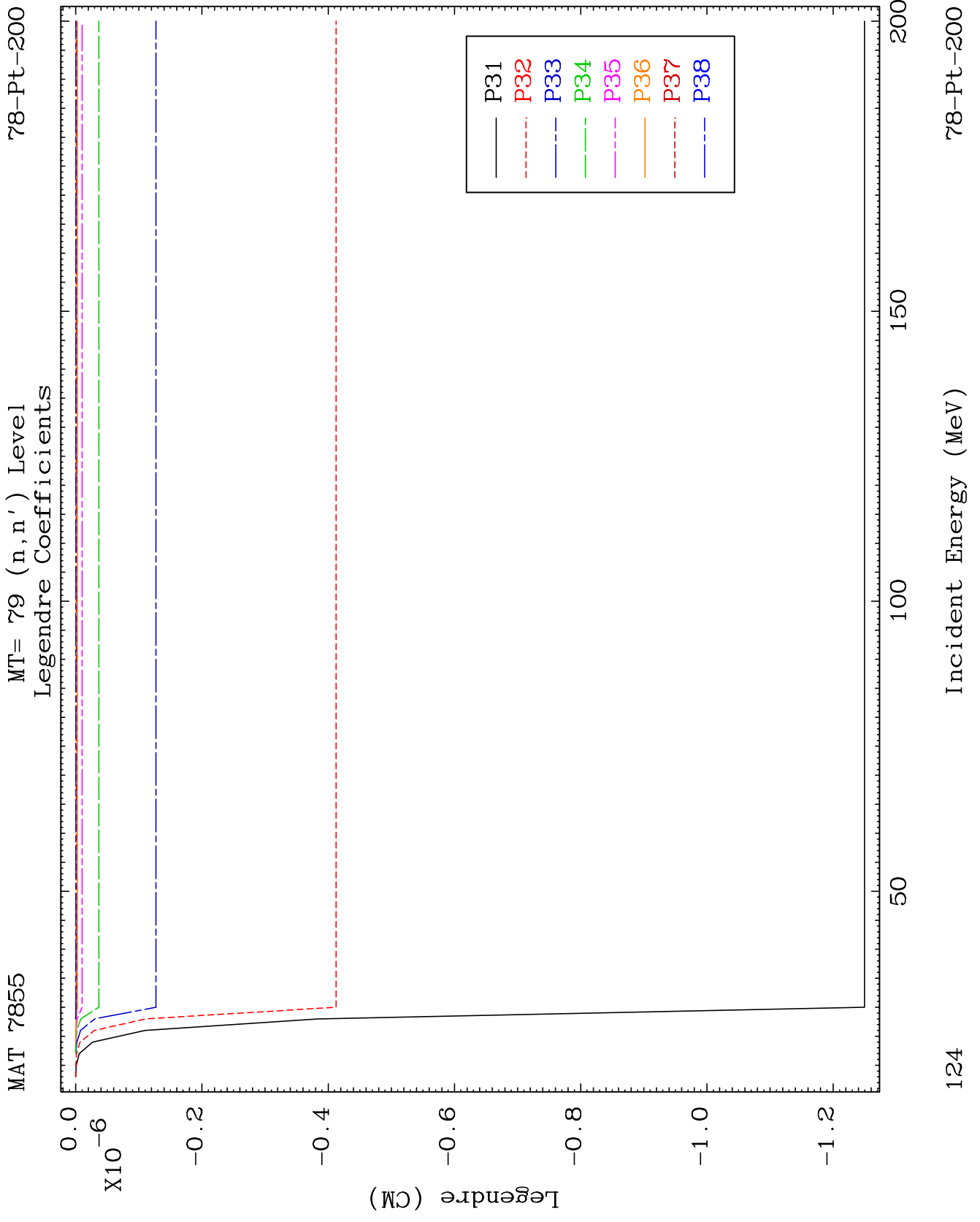


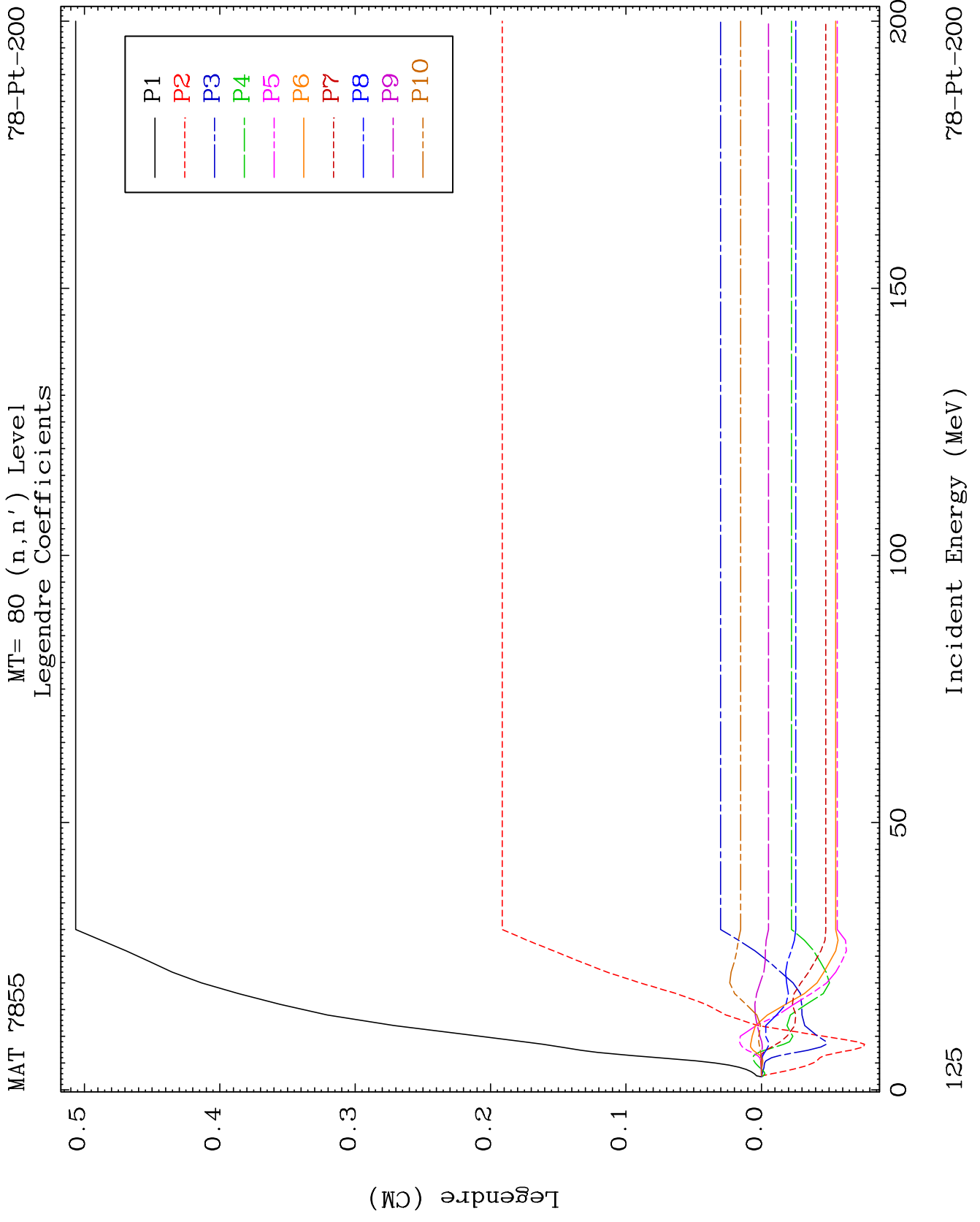
122

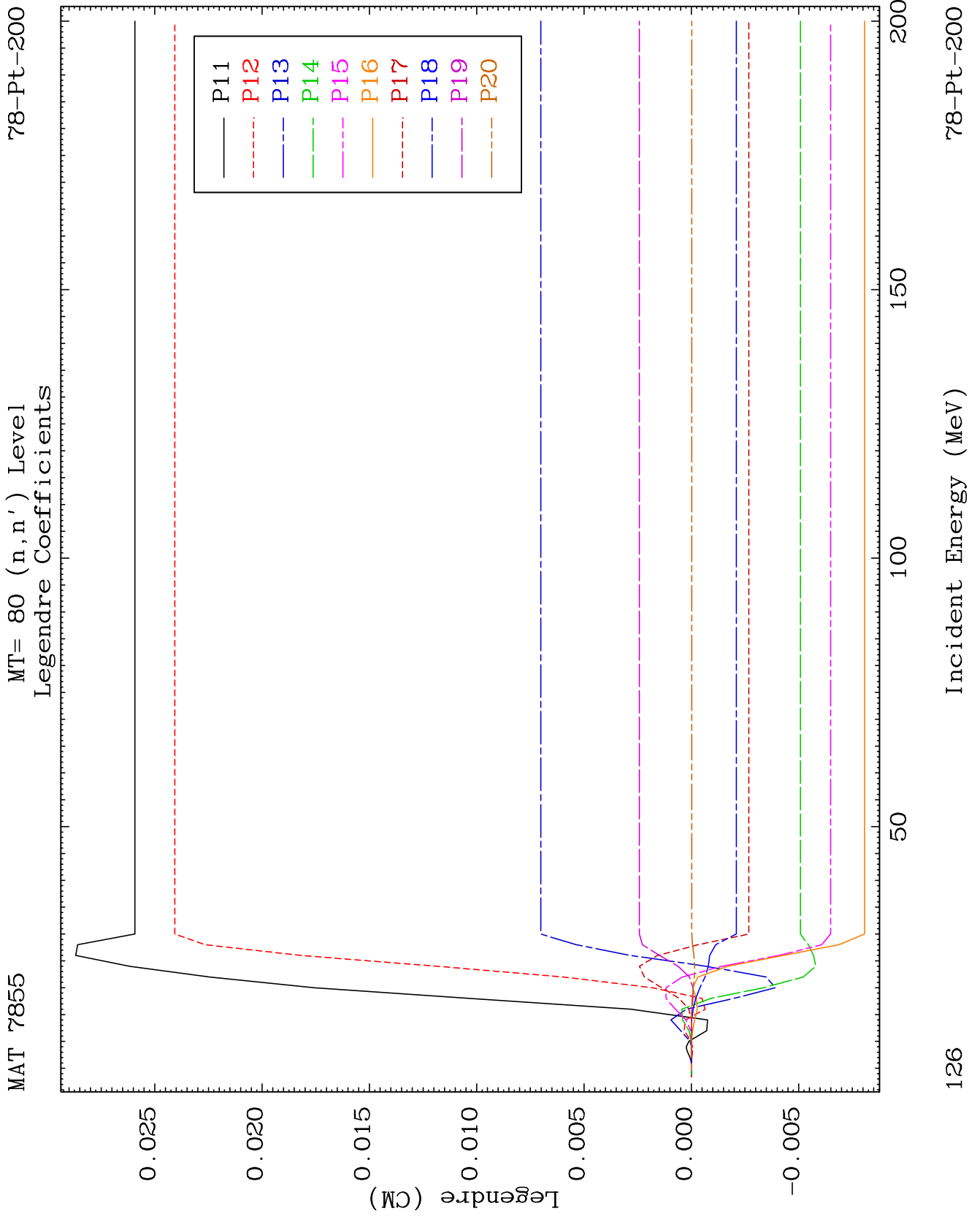
Incident Energy (MeV)

78-Pt-200





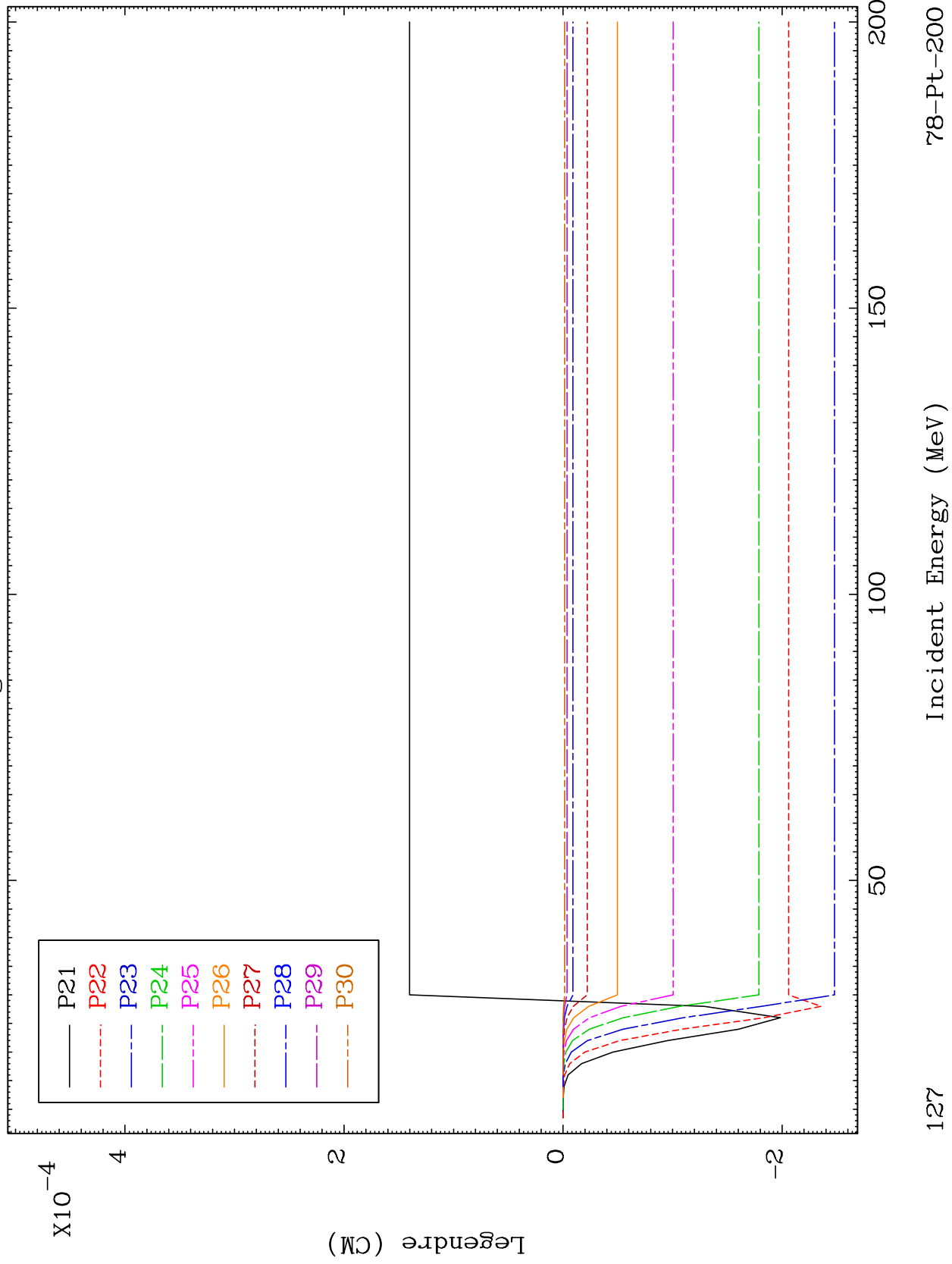




MAT 7855

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

78-Pt-200

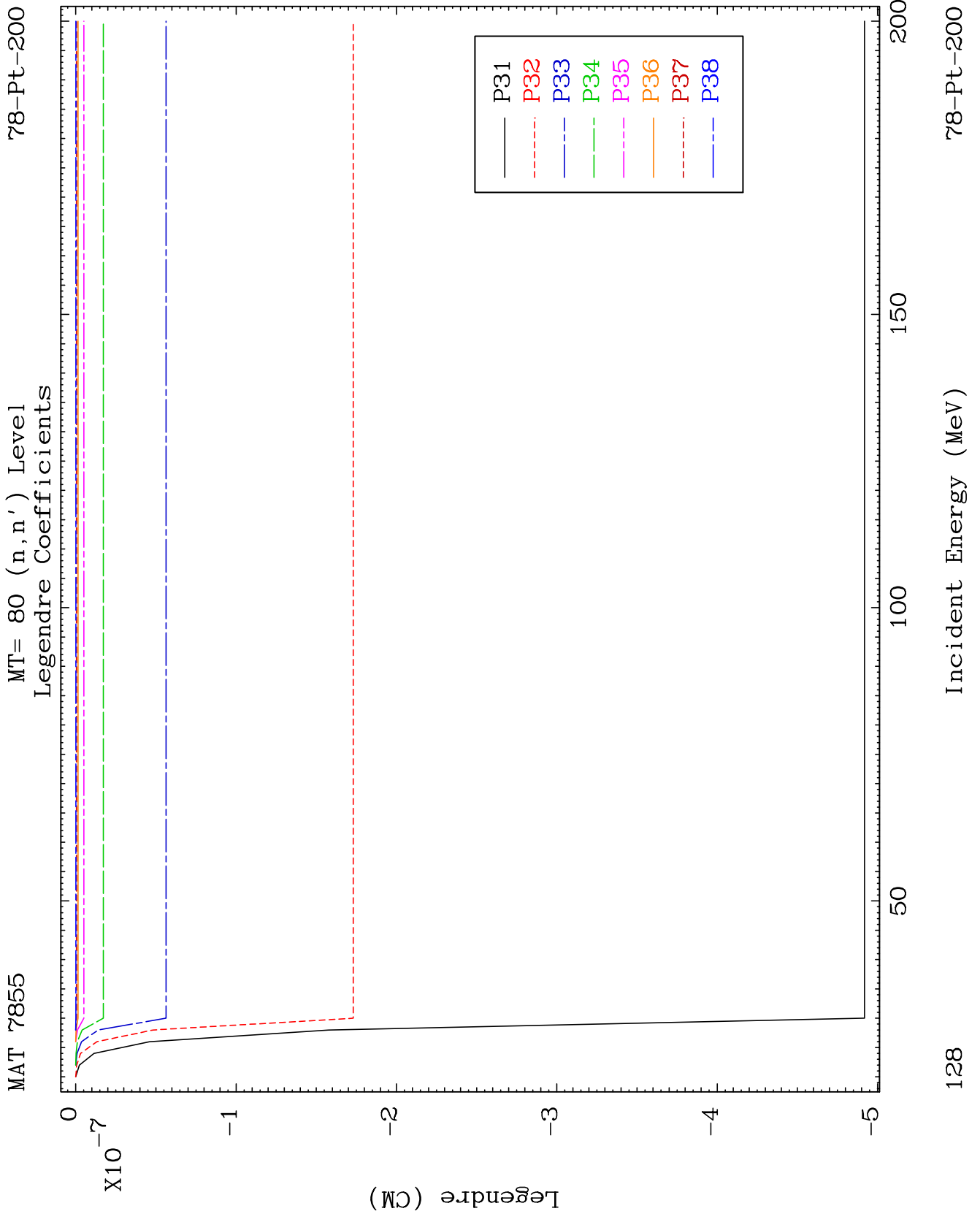


127

Incident Energy (MeV)

78-Pt-200



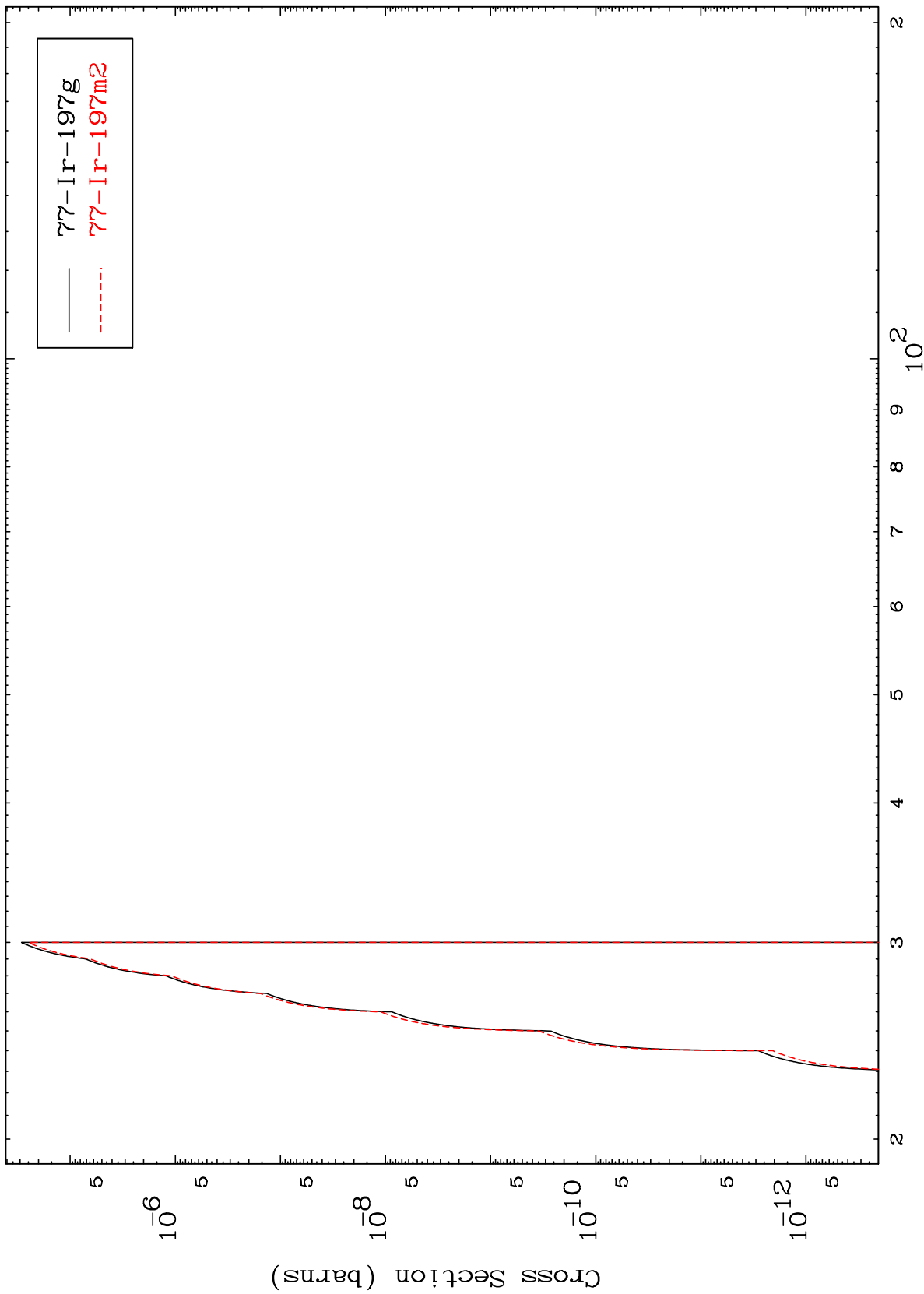


MAT 7855

(n,2n) d

78-Pt-200

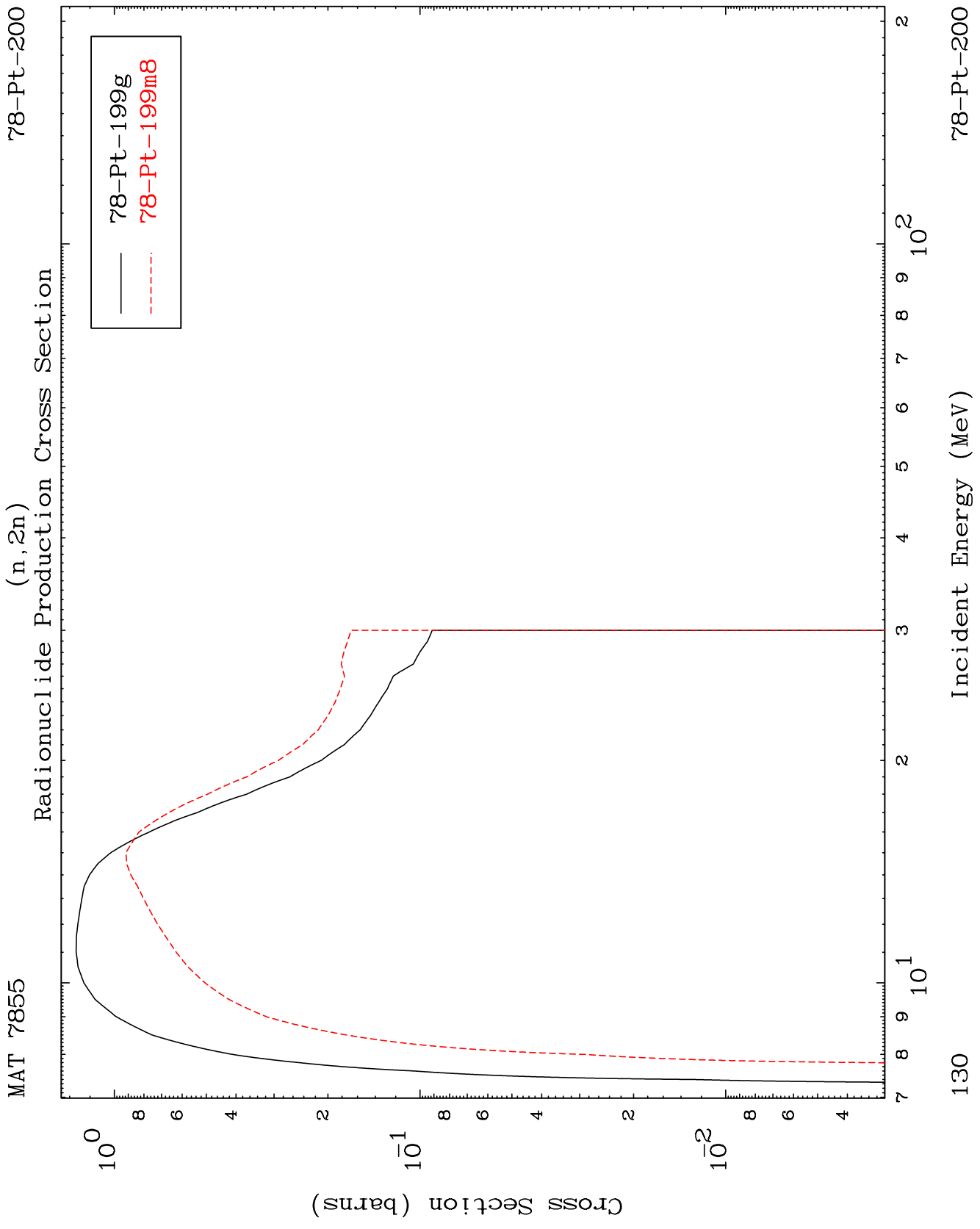
Radionuclide Production Cross Section



129

Incident Energy (MeV)

78-Pt-200

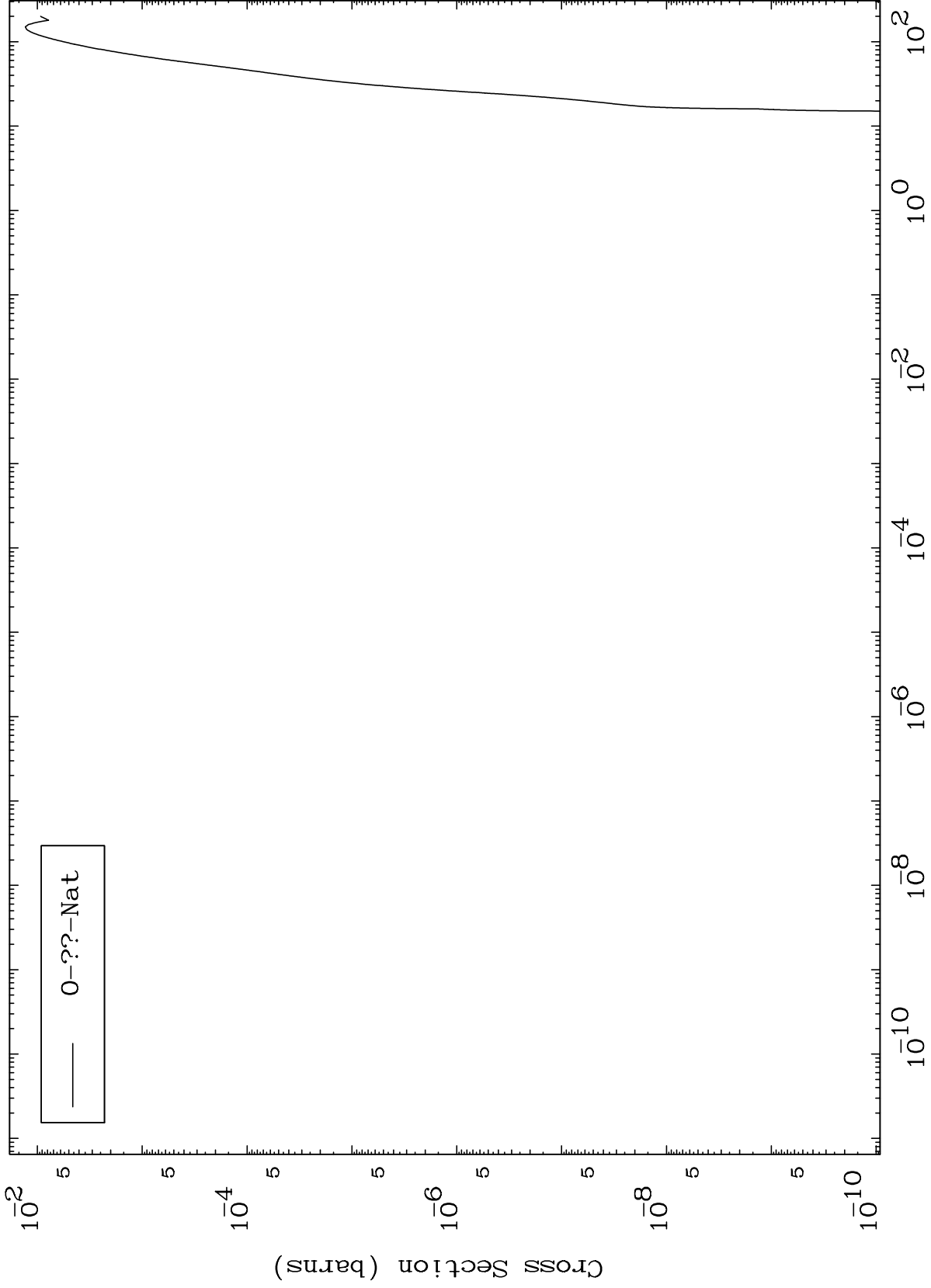


MAT 7855

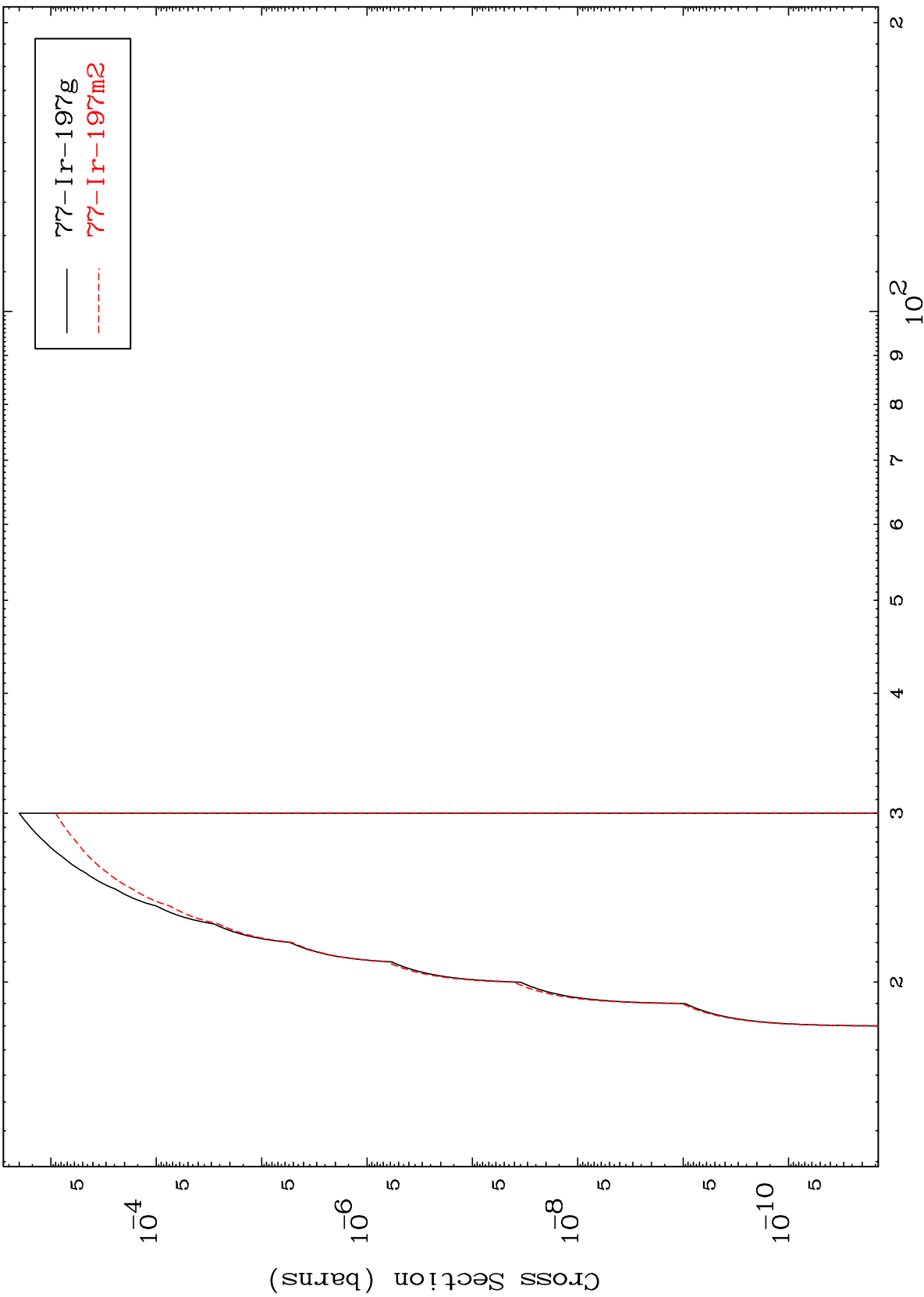
Fission

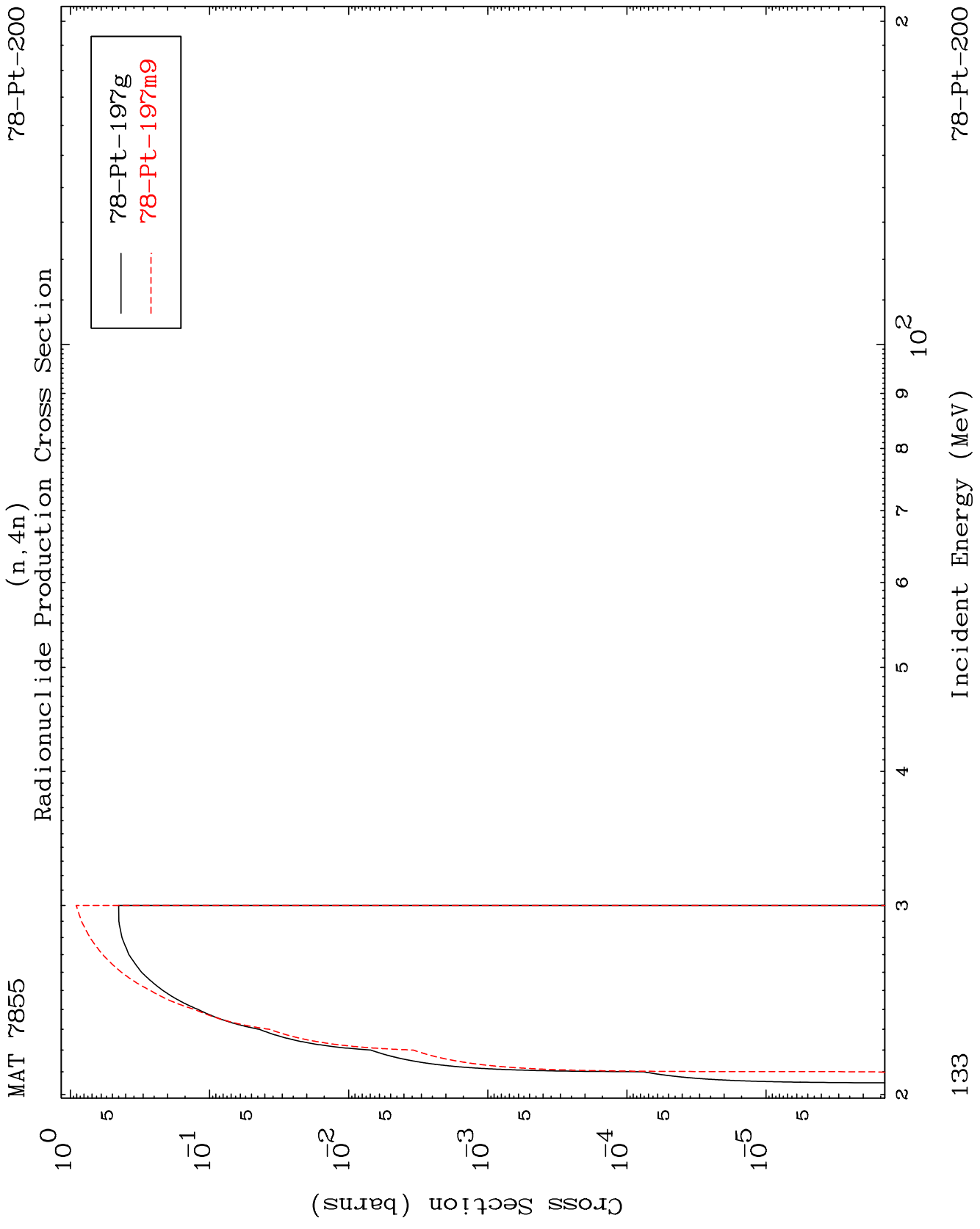
78-Pt-200

Radionuclide Production Cross Section



Radionuclide Production Cross Section



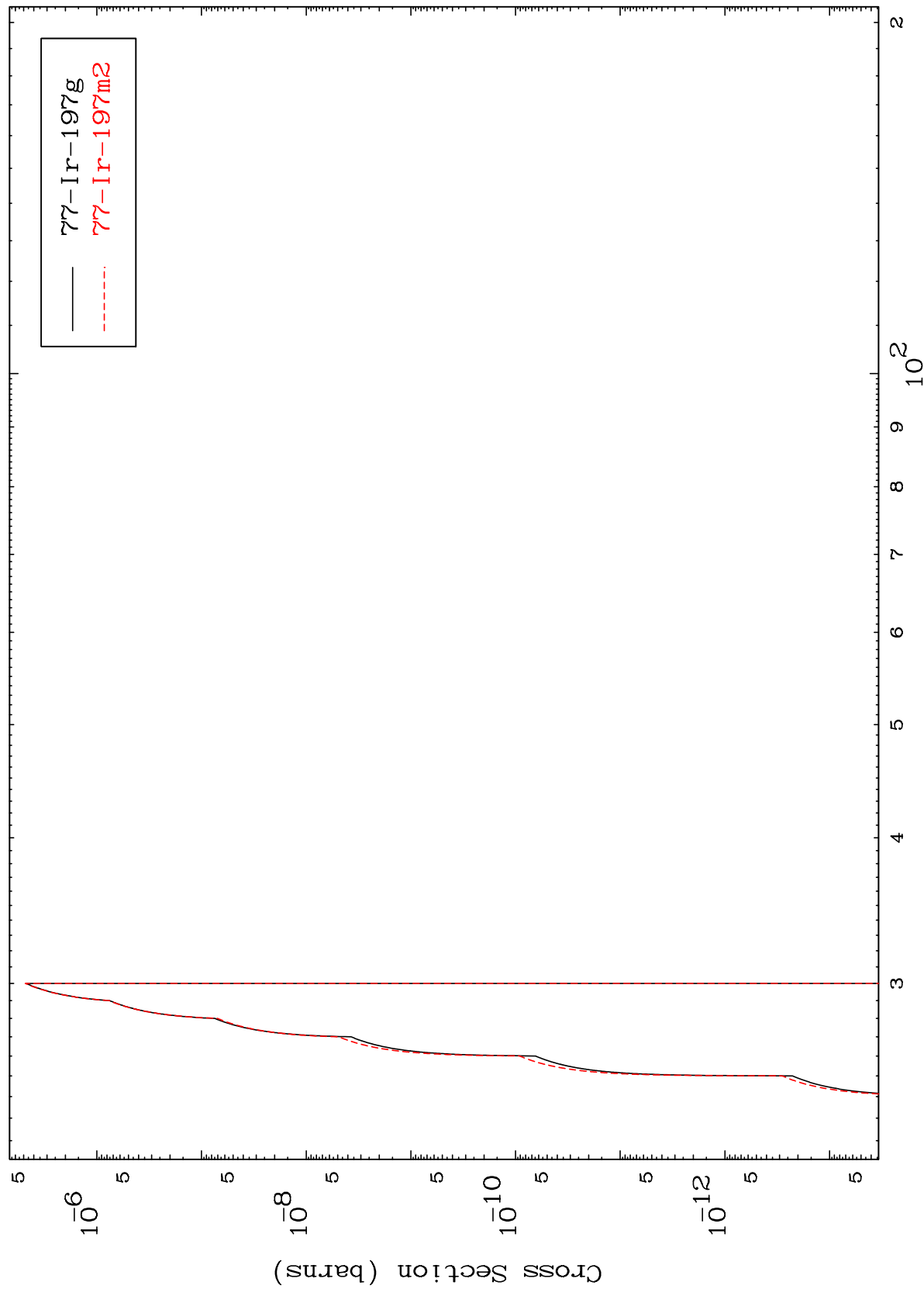


MAT 78555

(n,3n) p

78-Pt-200

Radionuclide Production Cross Section



77-Ir-197g  
77-Ir-197m2

134

Incident Energy (MeV)

78-Pt-200