

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

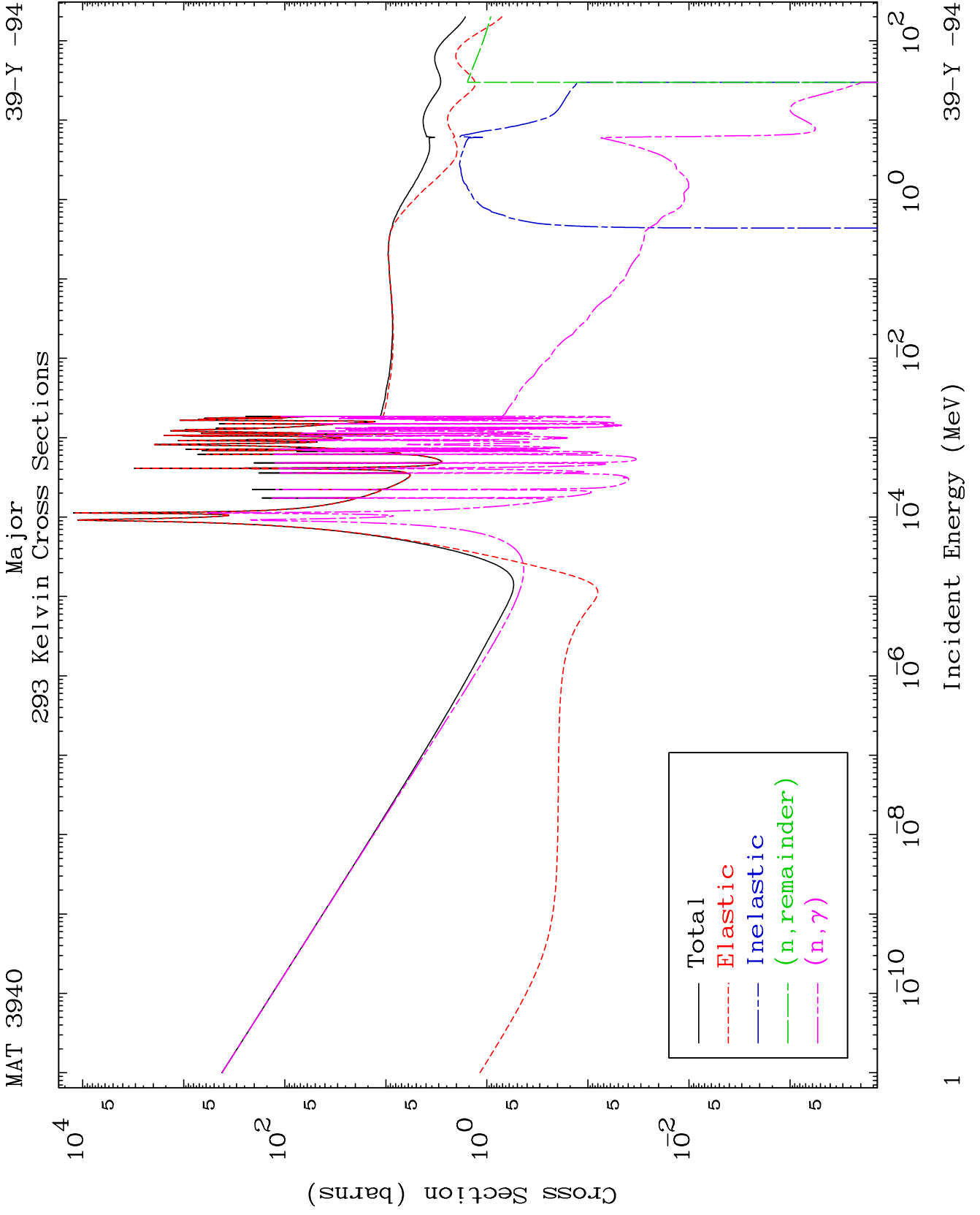
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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

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

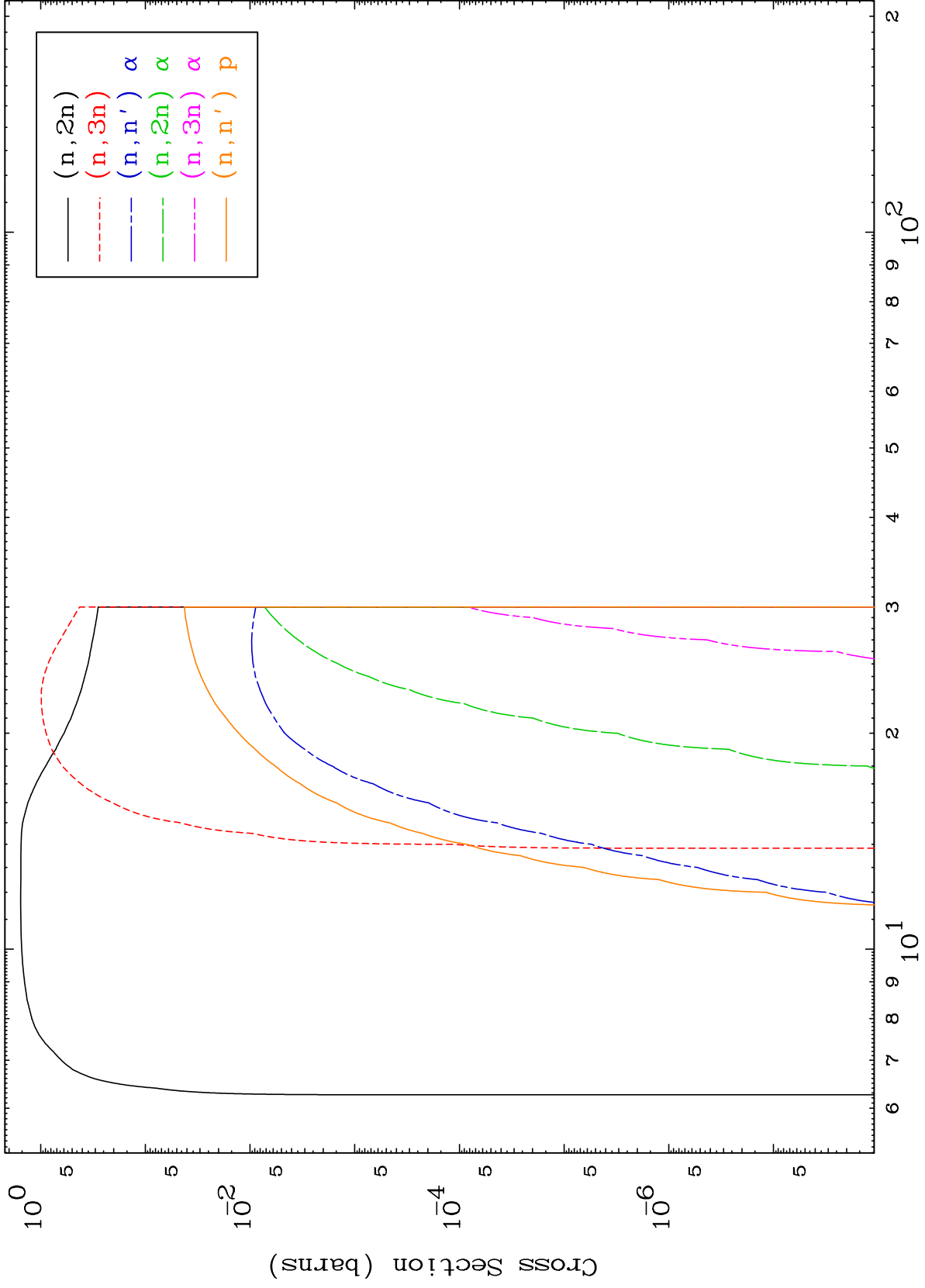
Press Mouse Button to Start



MAT 3940

Neutron Production  
293 Kelvin Cross Sections

39-Y -94

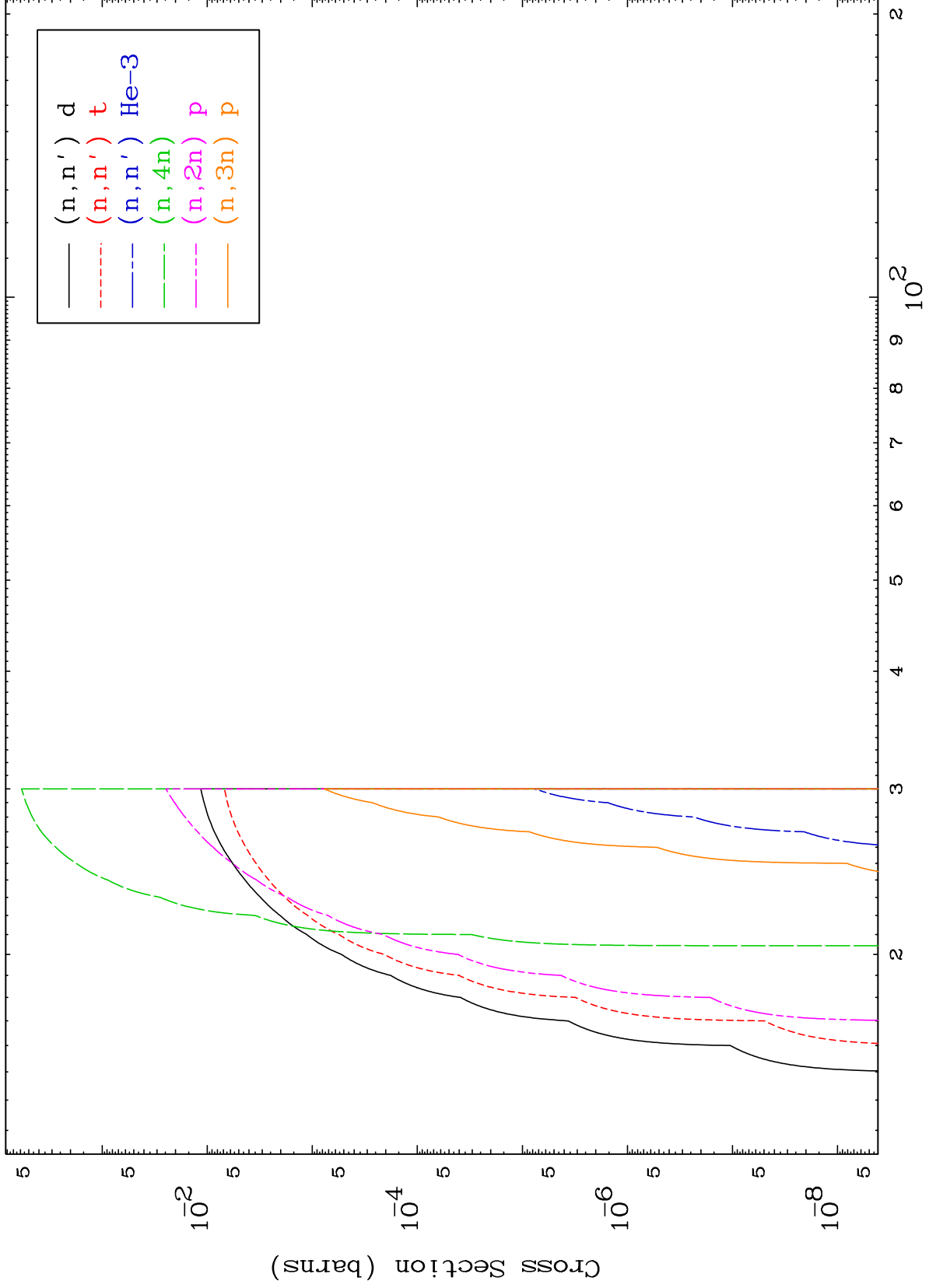


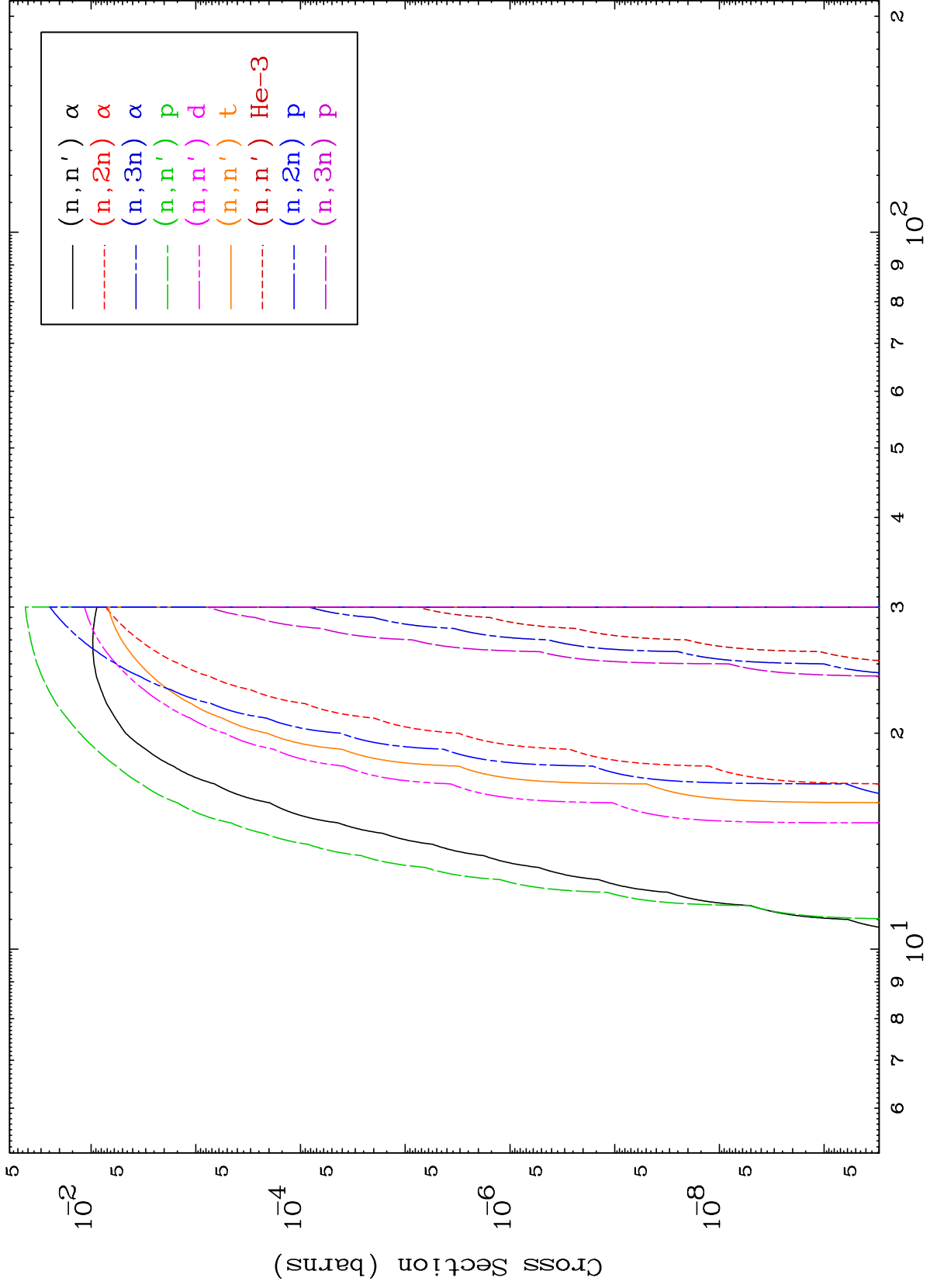
2

Incident Energy (MeV)

39-Y -94

Neutron Production  
293 Kelvin Cross Sections

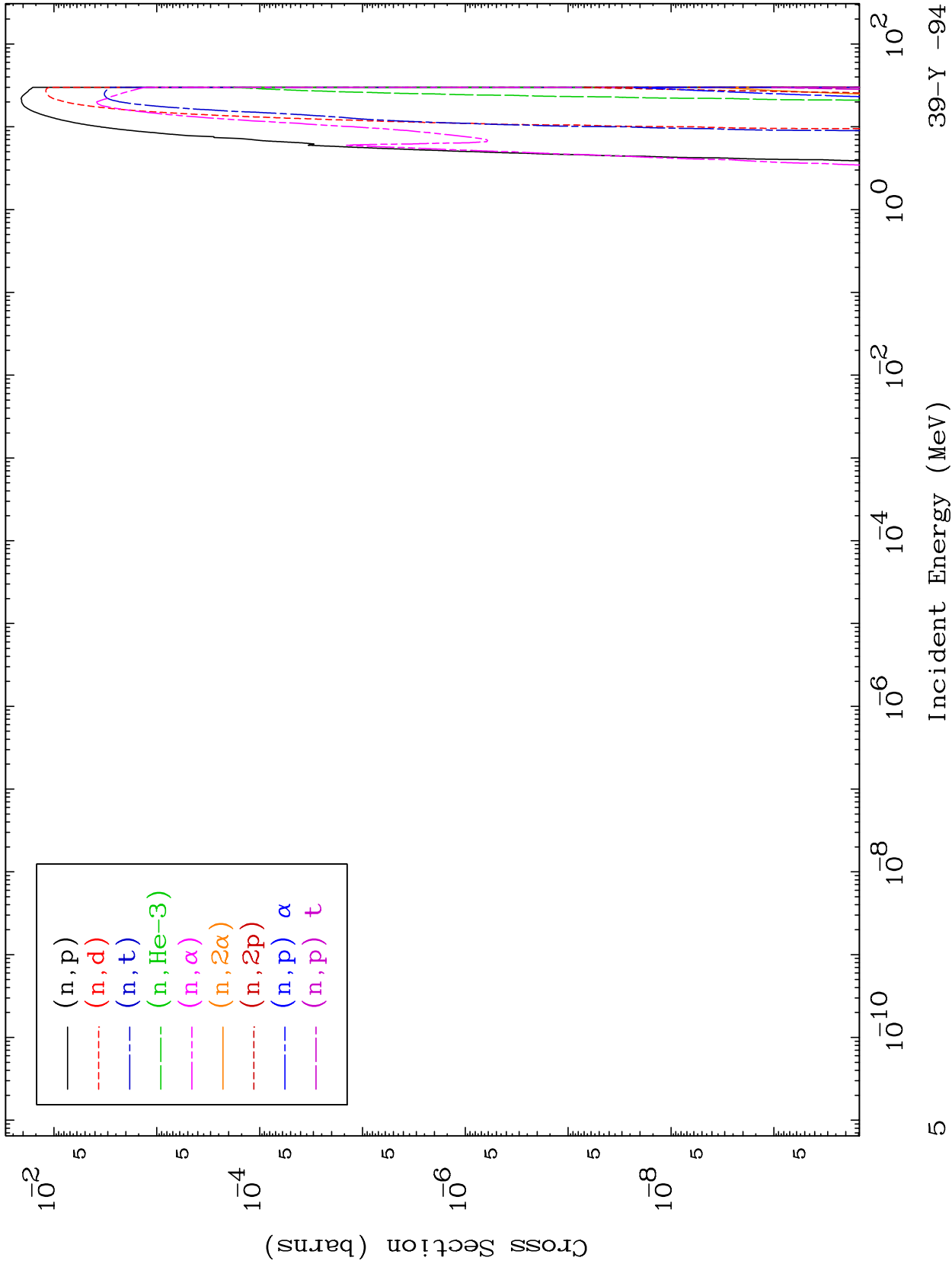




MAT 3940

Charged Particle  
293 Kelvin Cross Sections

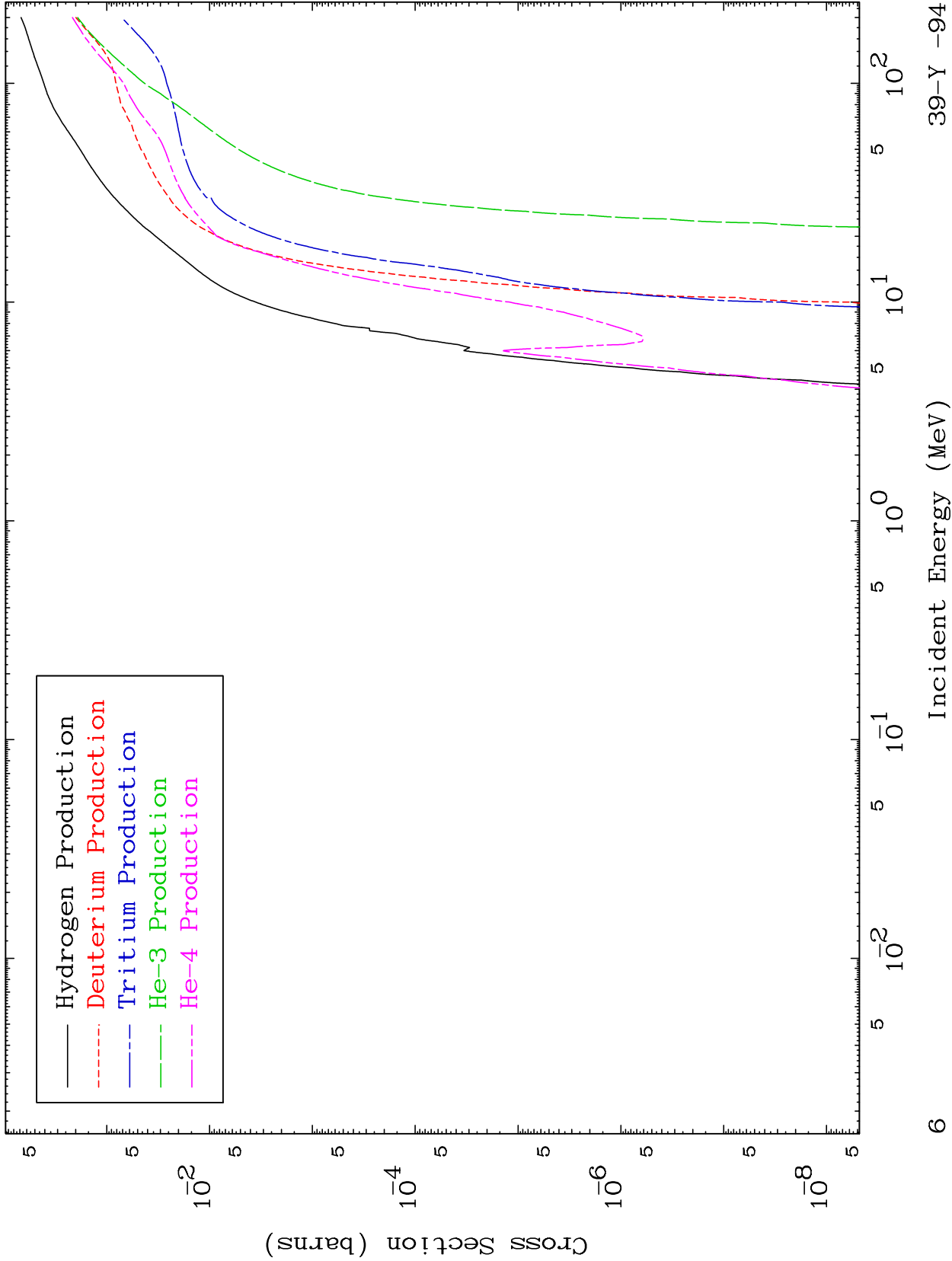
39-Y -94



MAT 3940

Particle Production  
293 Kelvin Cross Sections

39-Y -94



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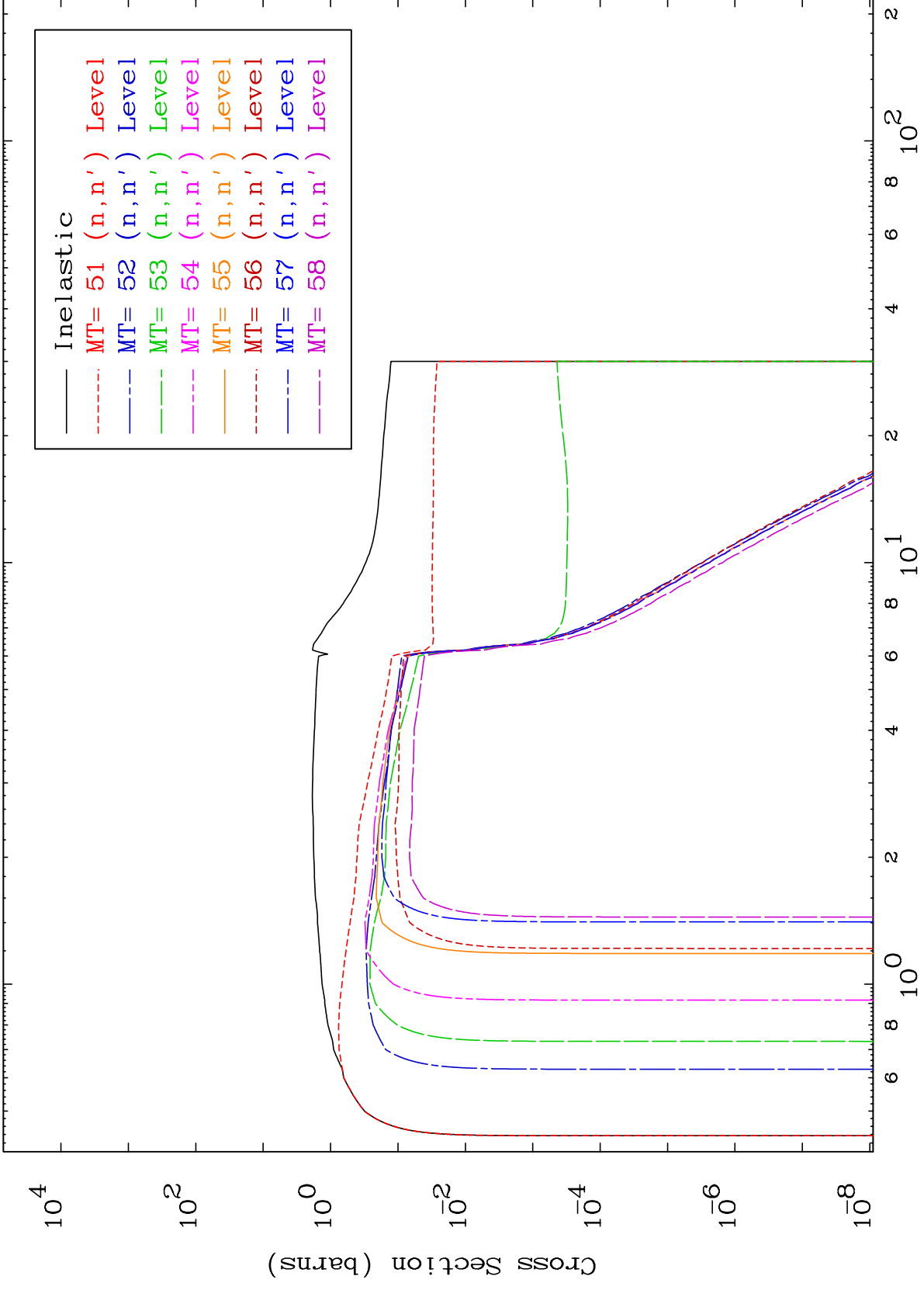
39-Y -94

MAT 3940

(n,n') Level

39-Y -94

293 Kelvin Cross Sections



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Incident Energy (MeV)

39-Y -94

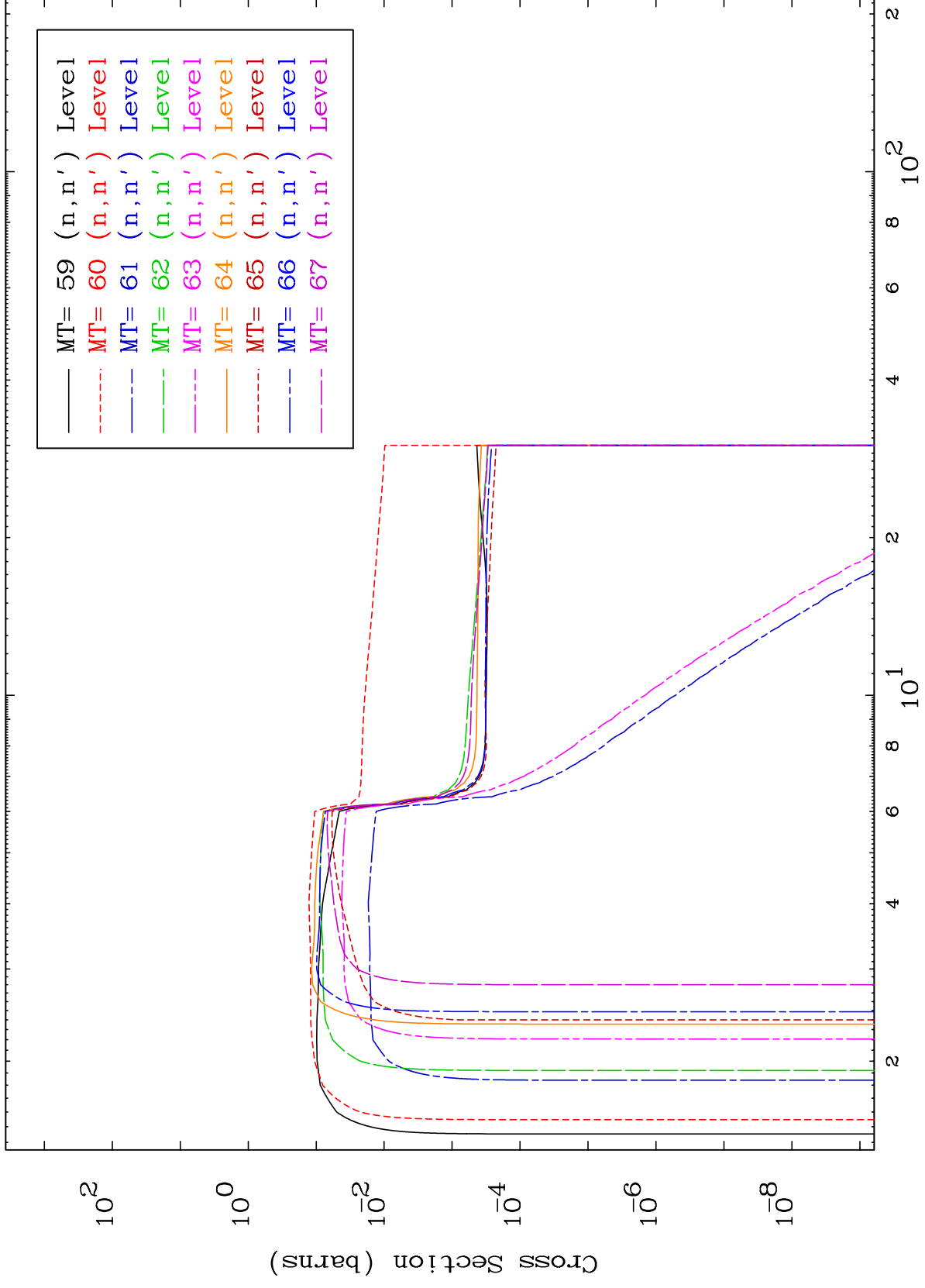


MAT 3940

(n,n') Level

39-Y -94

293 Kelvin Cross Sections

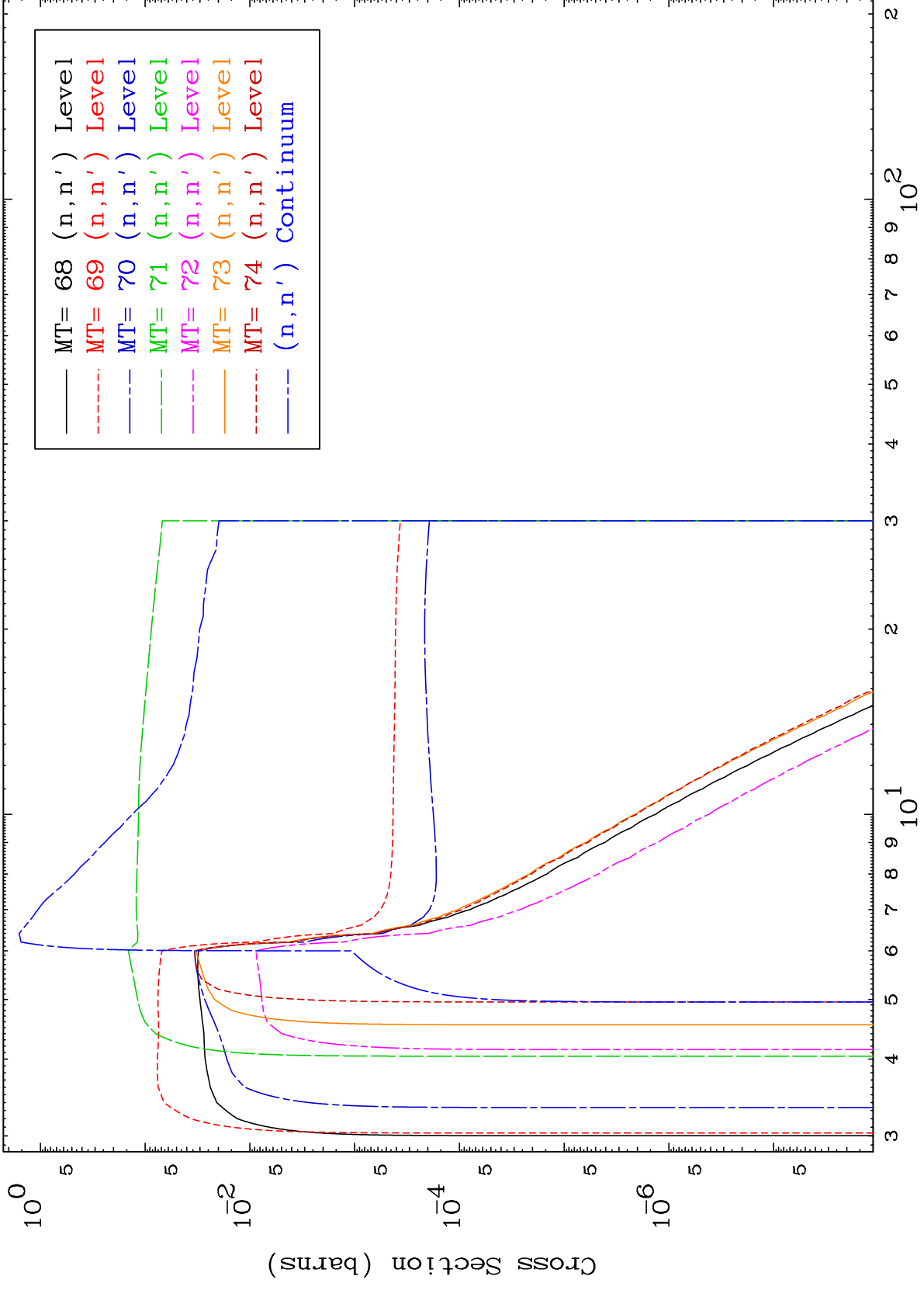


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Incident Energy (MeV)

39-Y -94

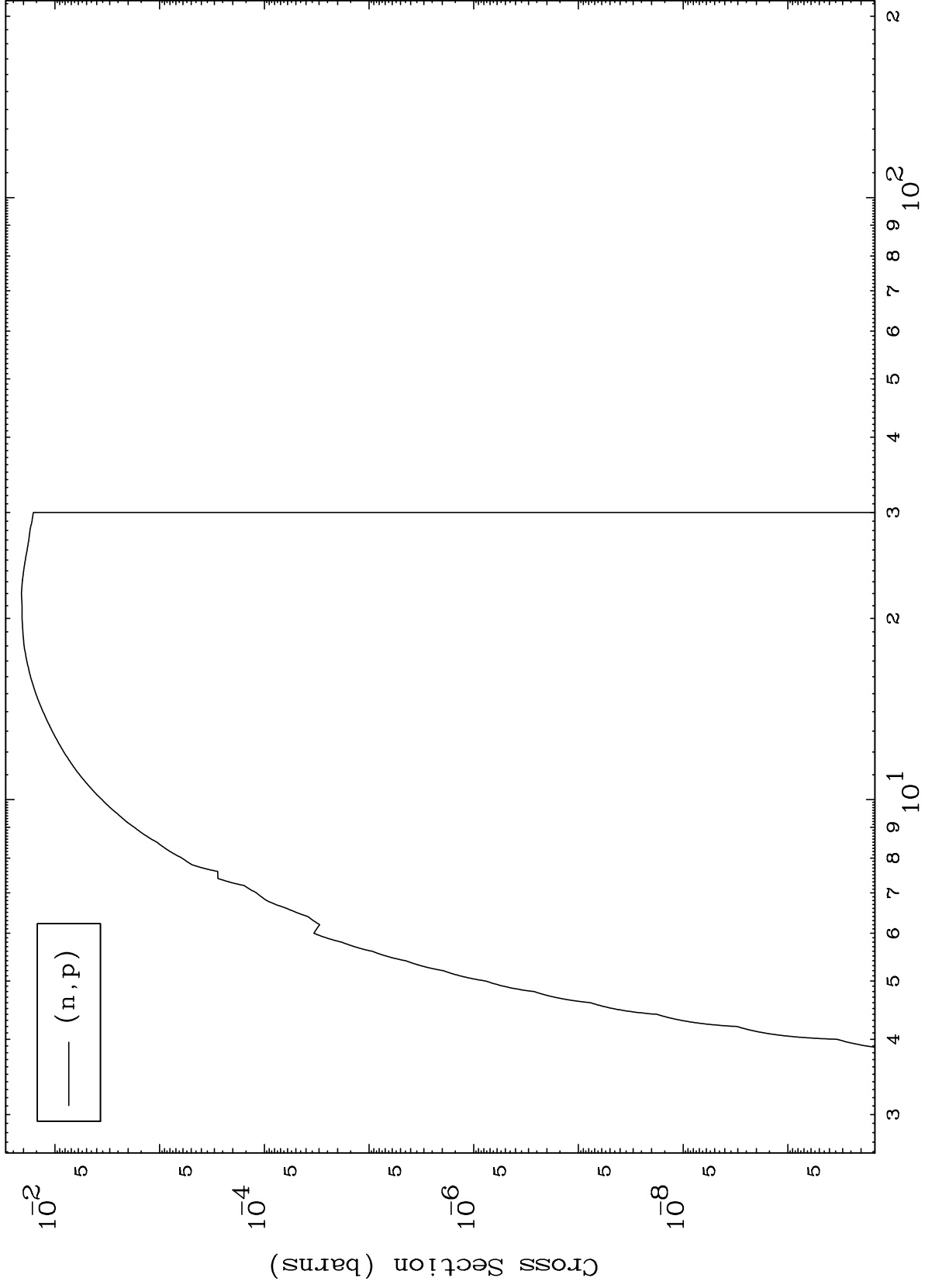
293 Kelvin Cross Sections



MAT 3940

(n,p) Levels  
293 Kelvin Cross Sections

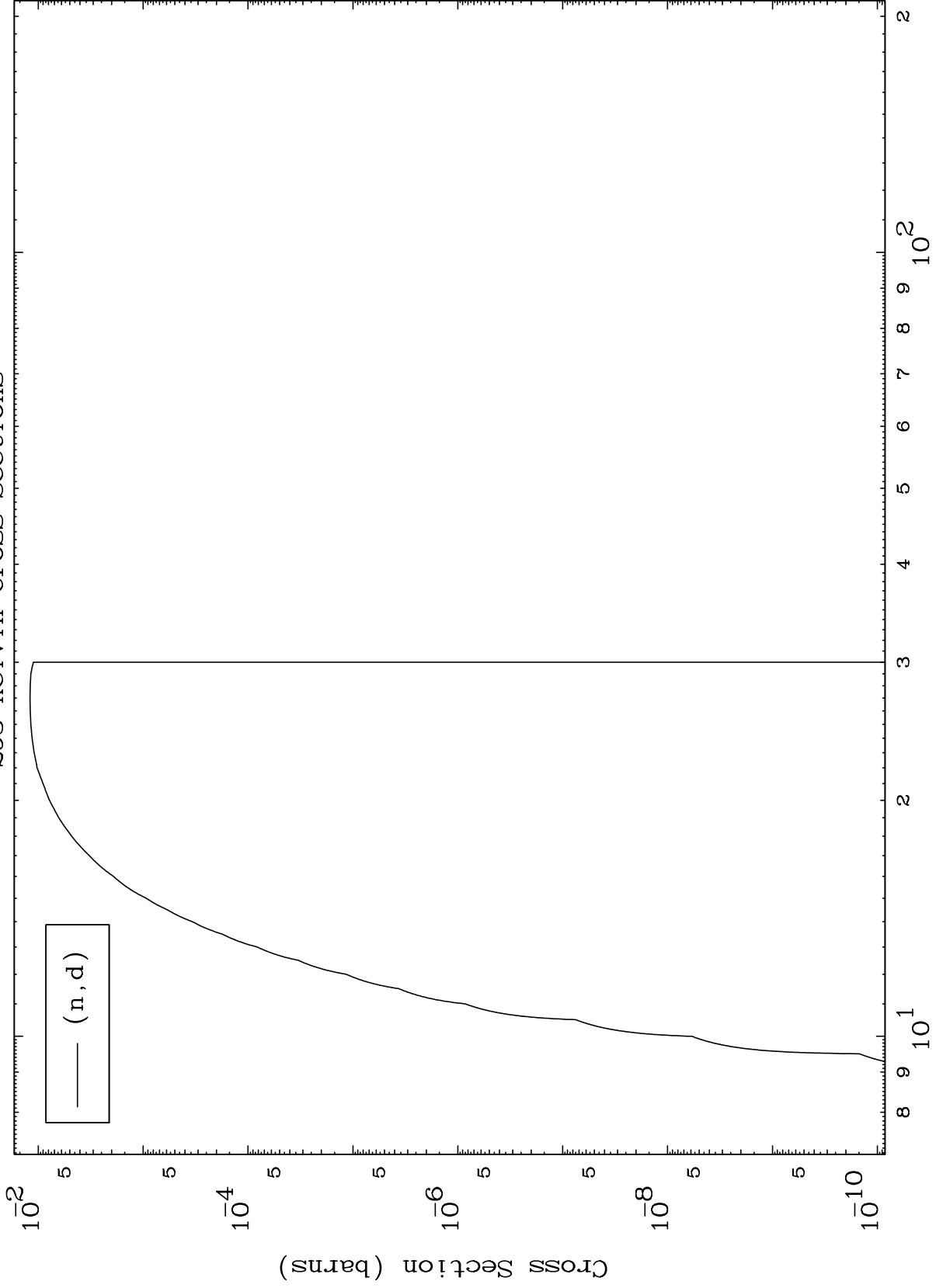
39-Y -94



10

Incident Energy (MeV)

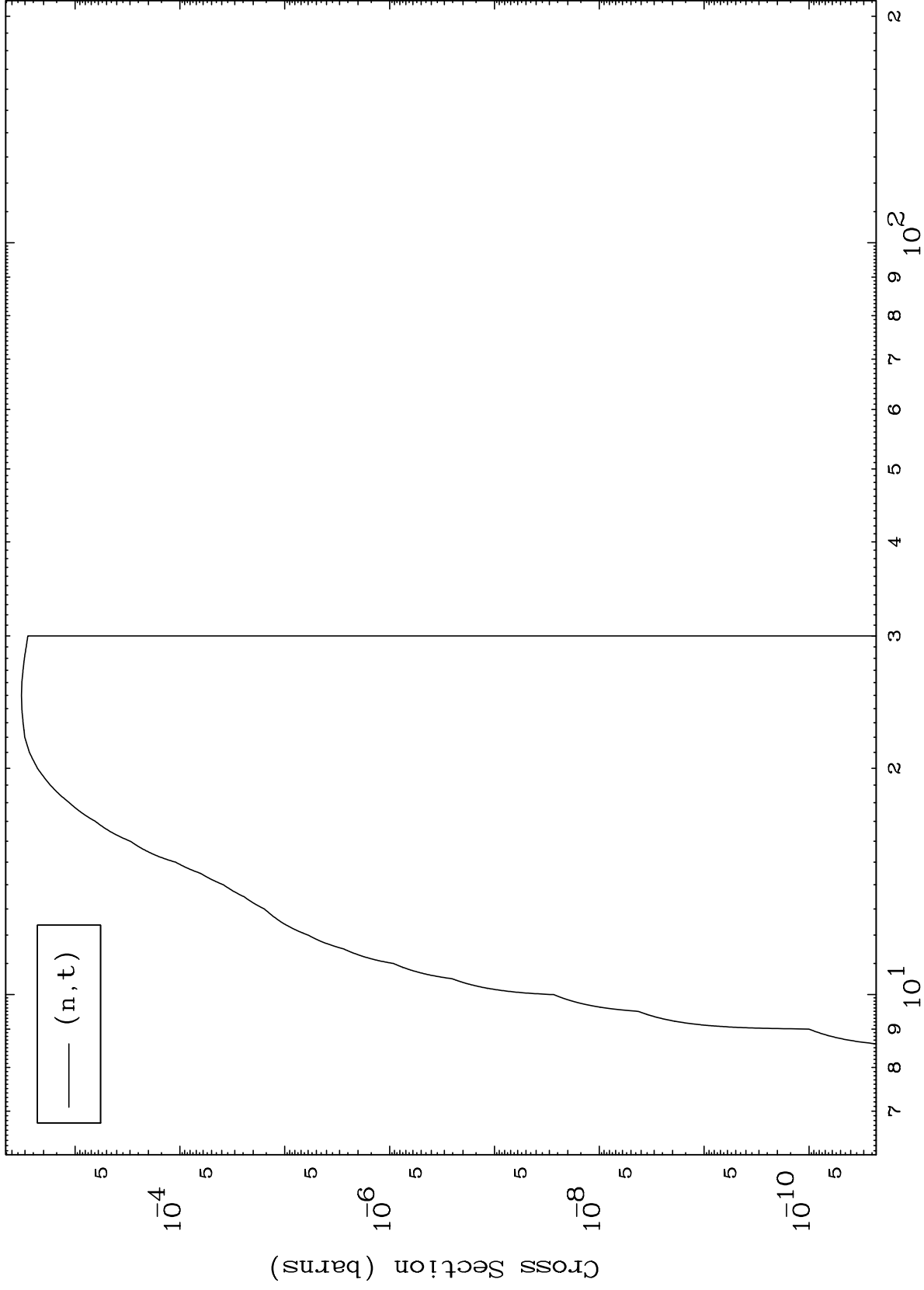
39-Y -94



MAT 3940

(n,t) Levels  
293 Kelvin Cross Sections

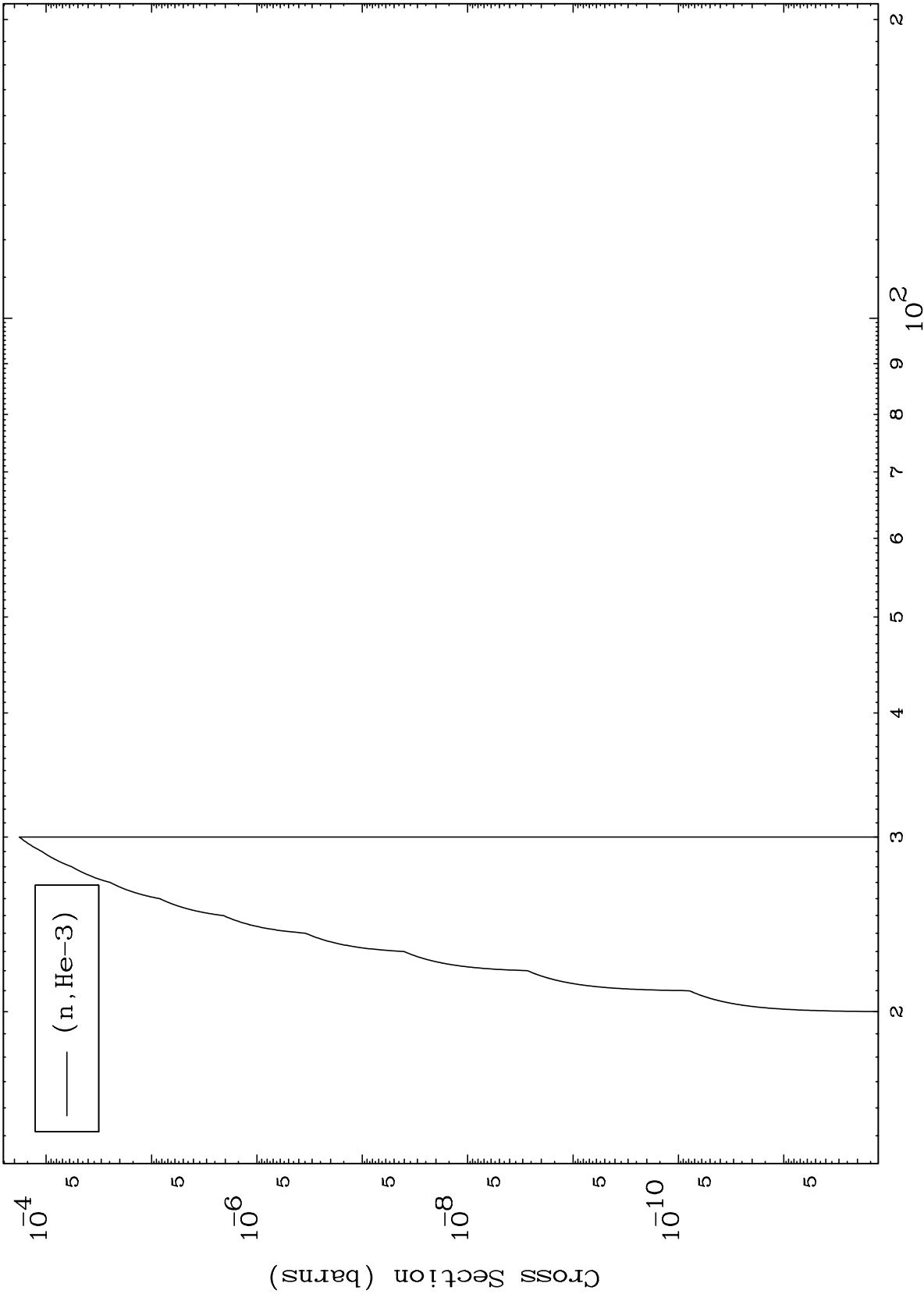
39-Y -94



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Incident Energy (MeV)

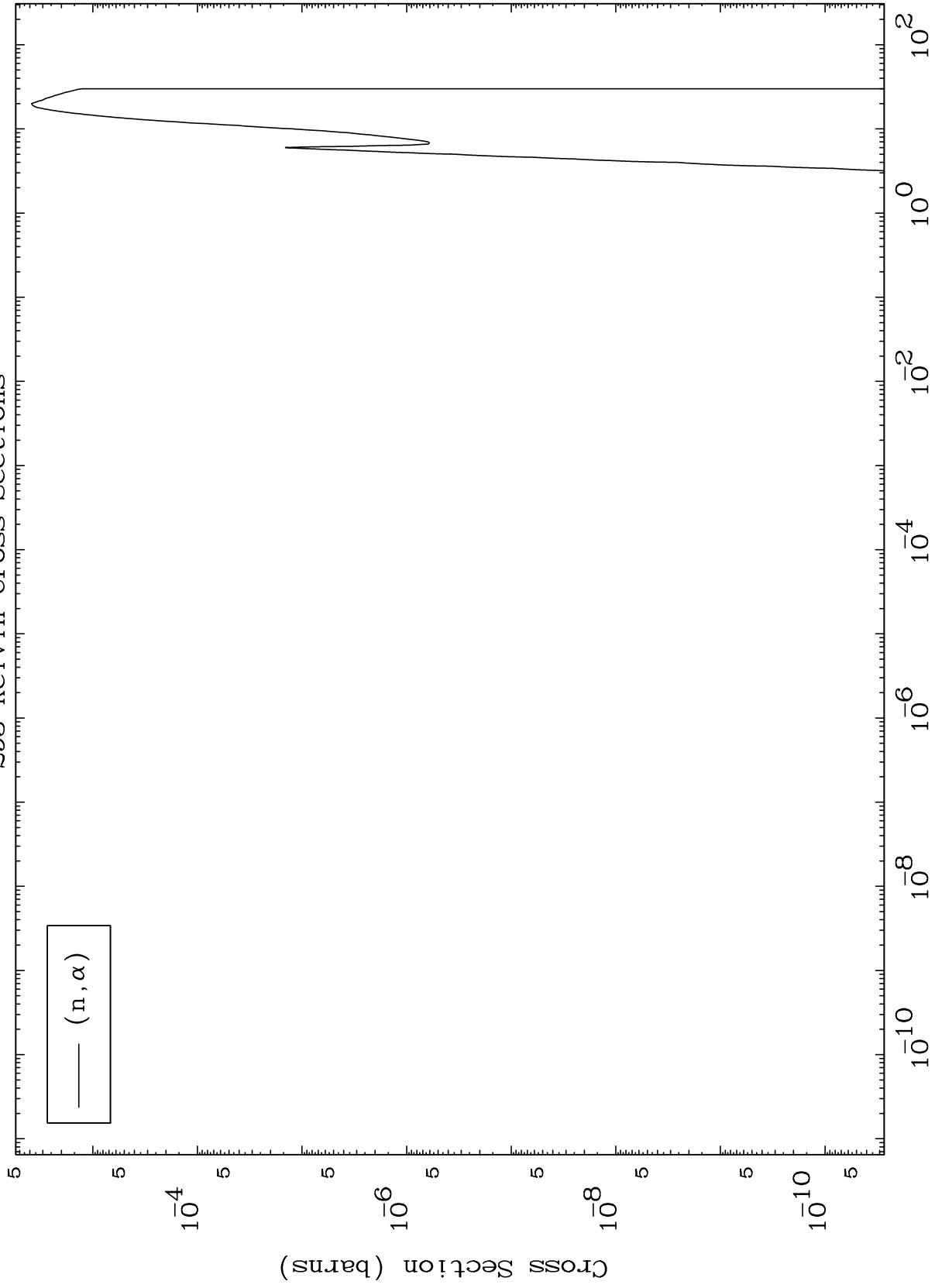
39-Y -94



MAT 3940

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

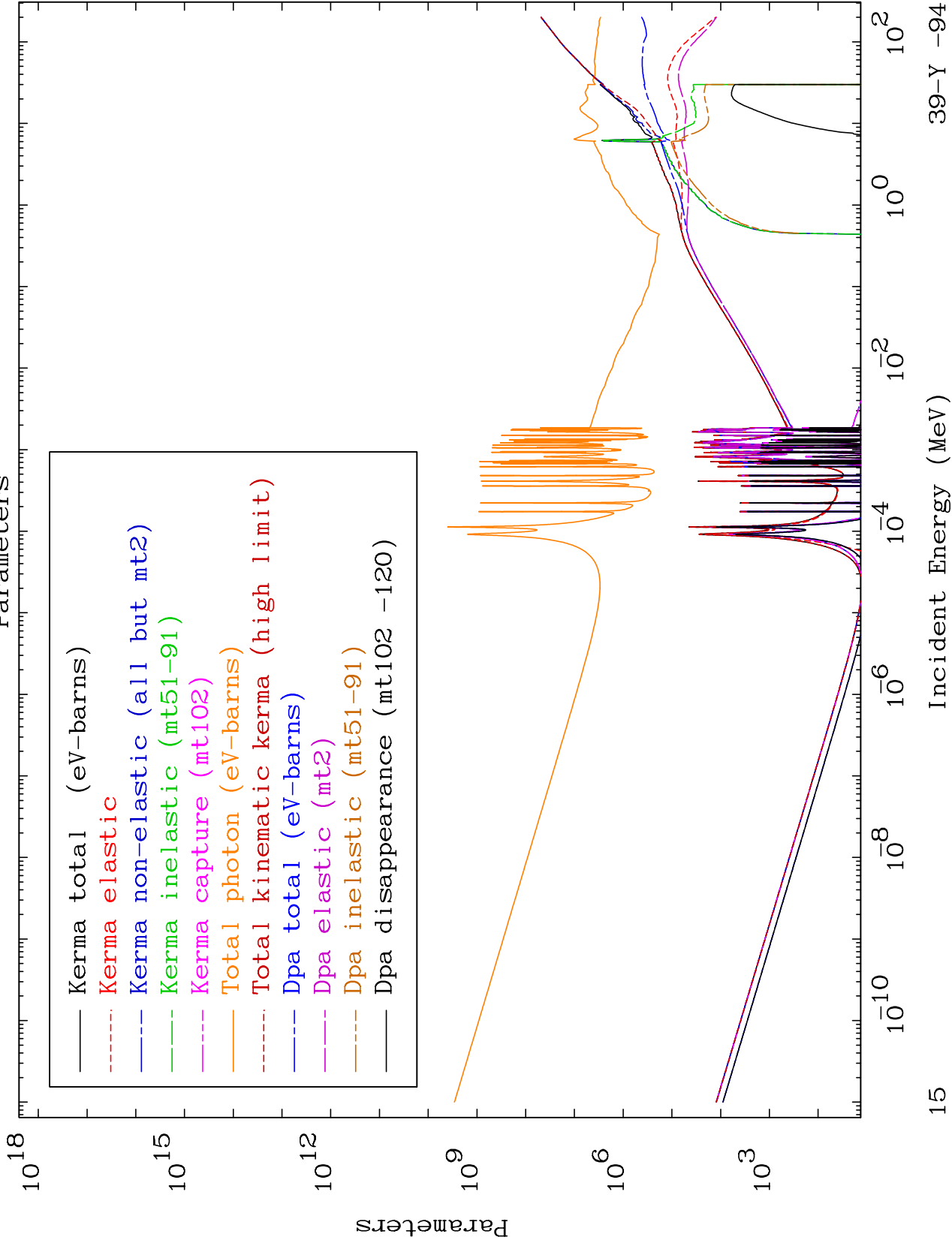
39-Y -94



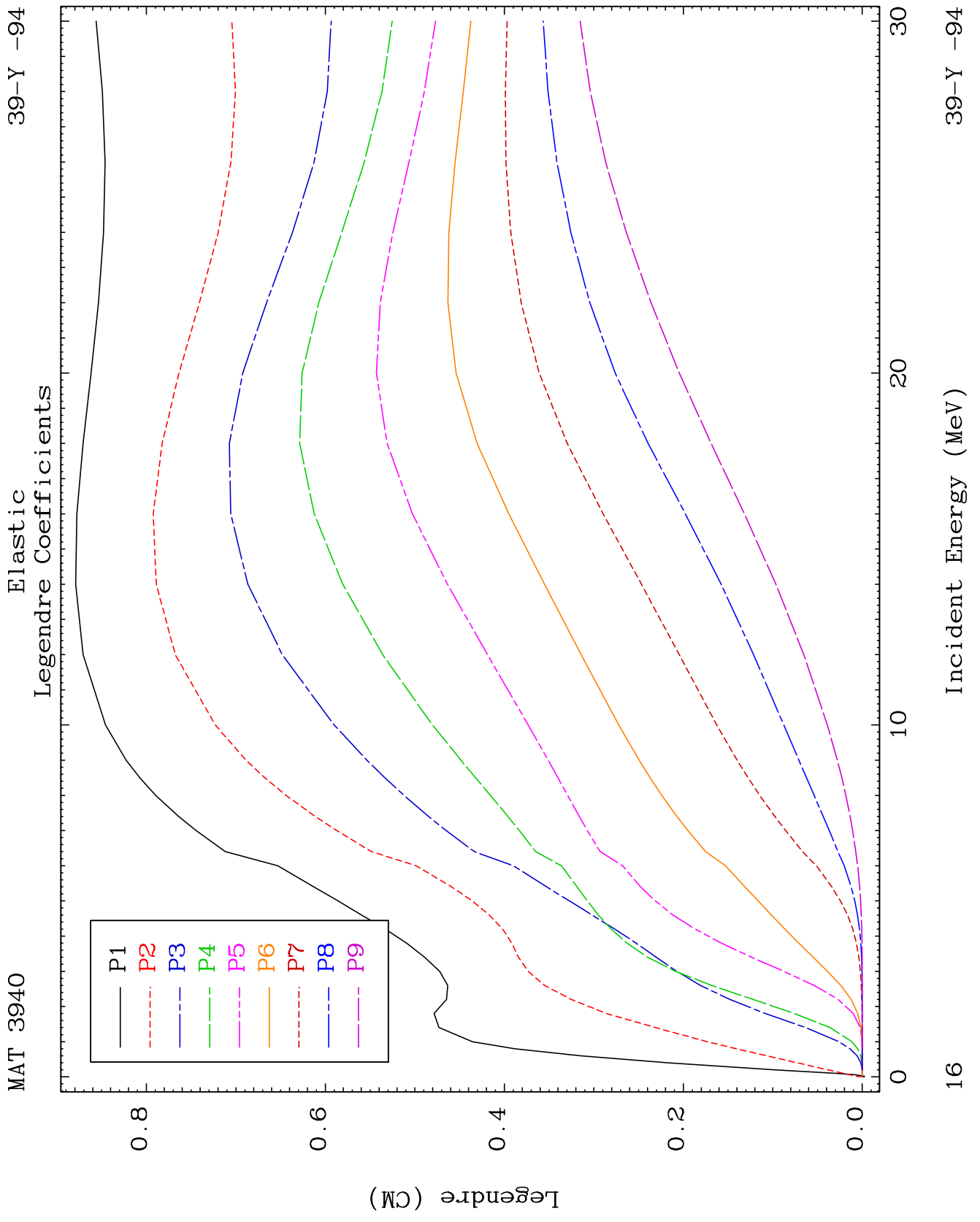
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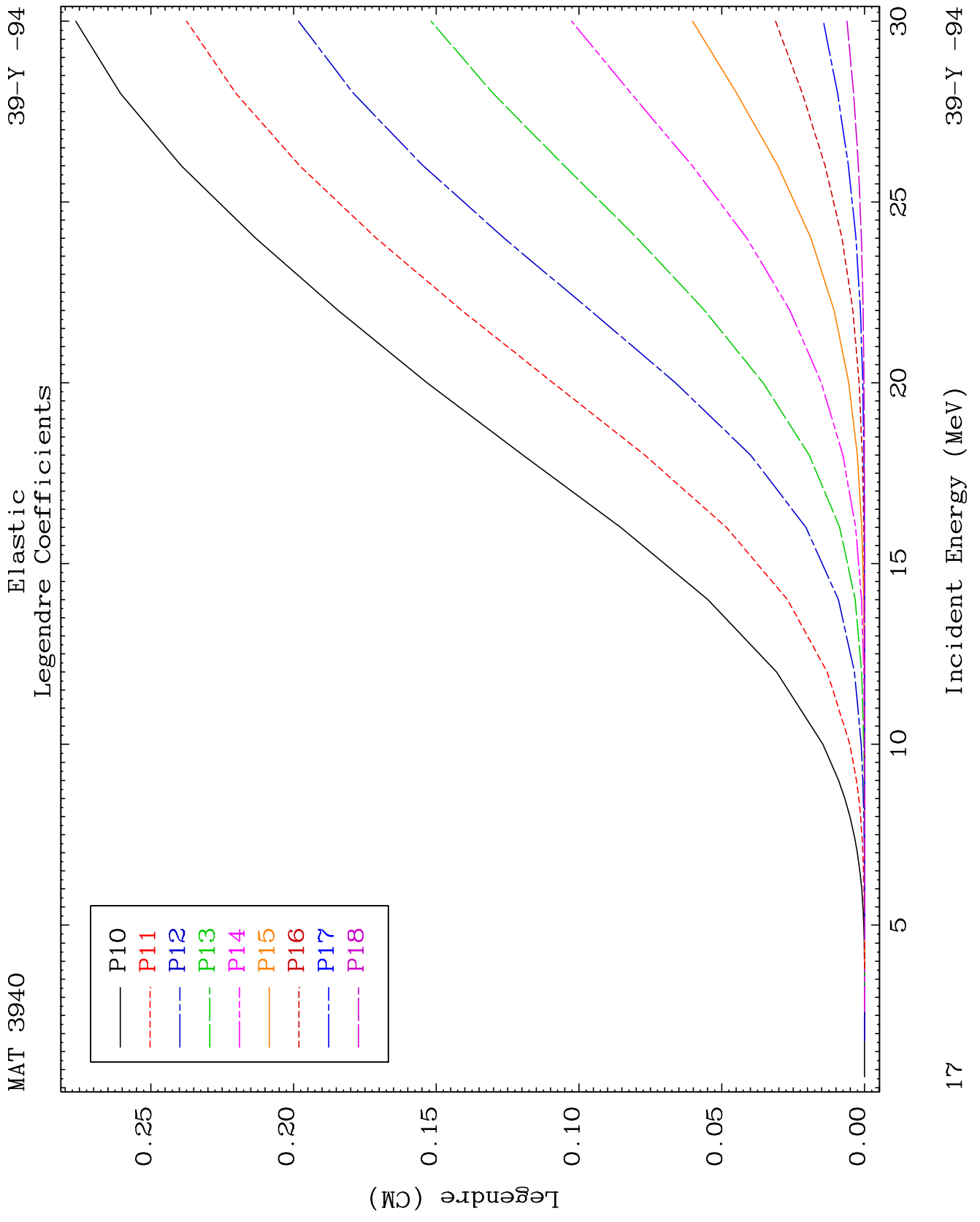
Incident Energy (MeV)

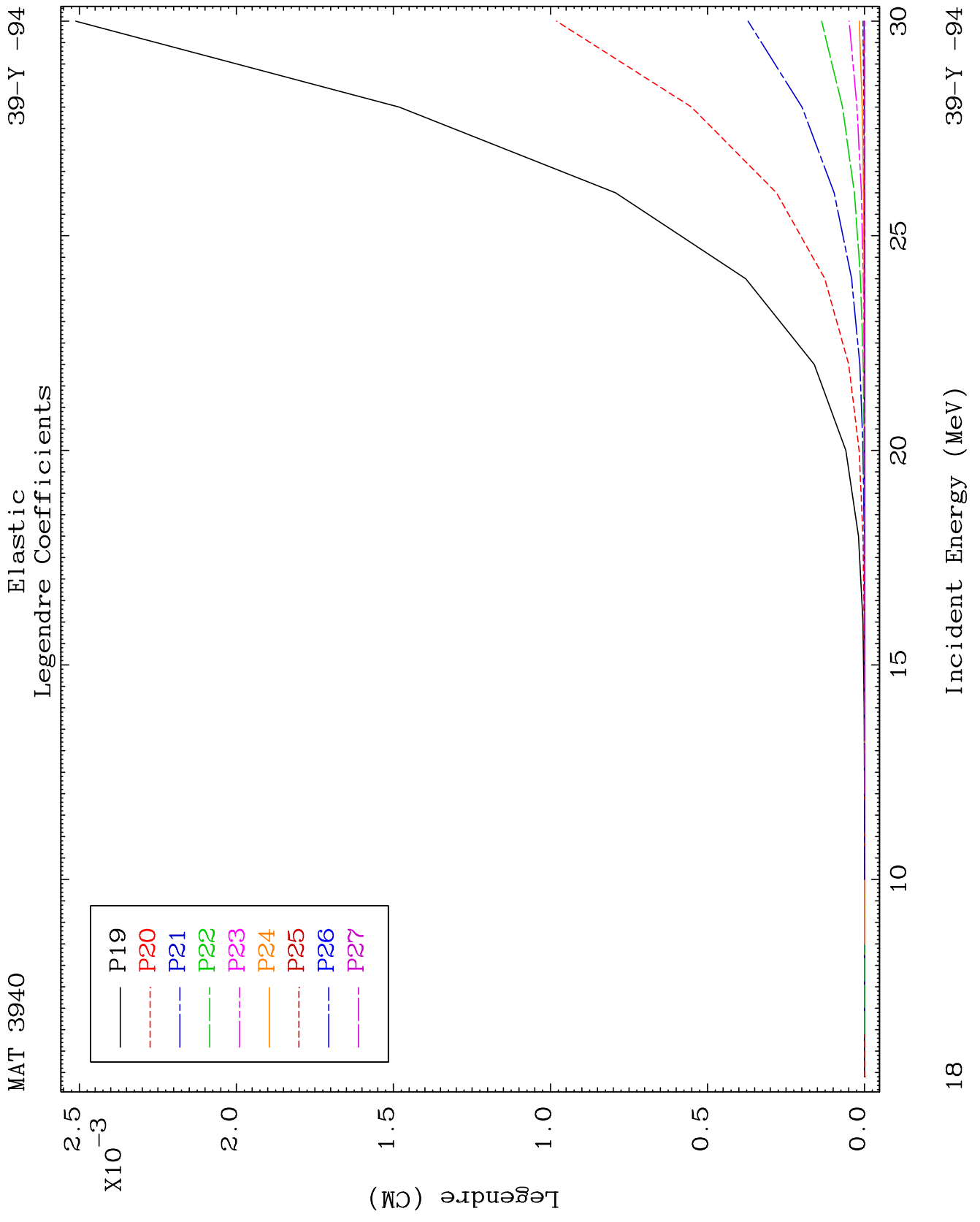
39-Y -94



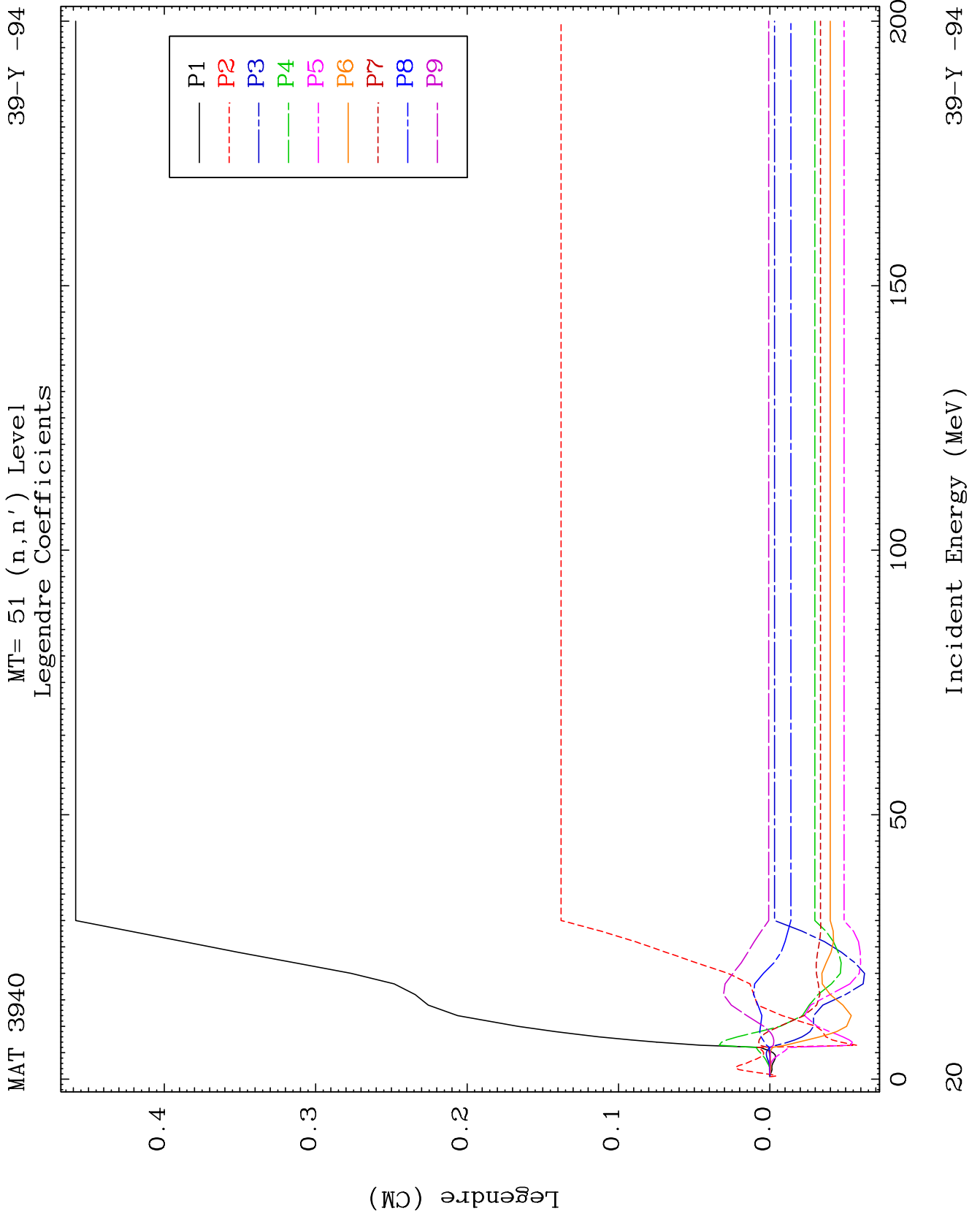








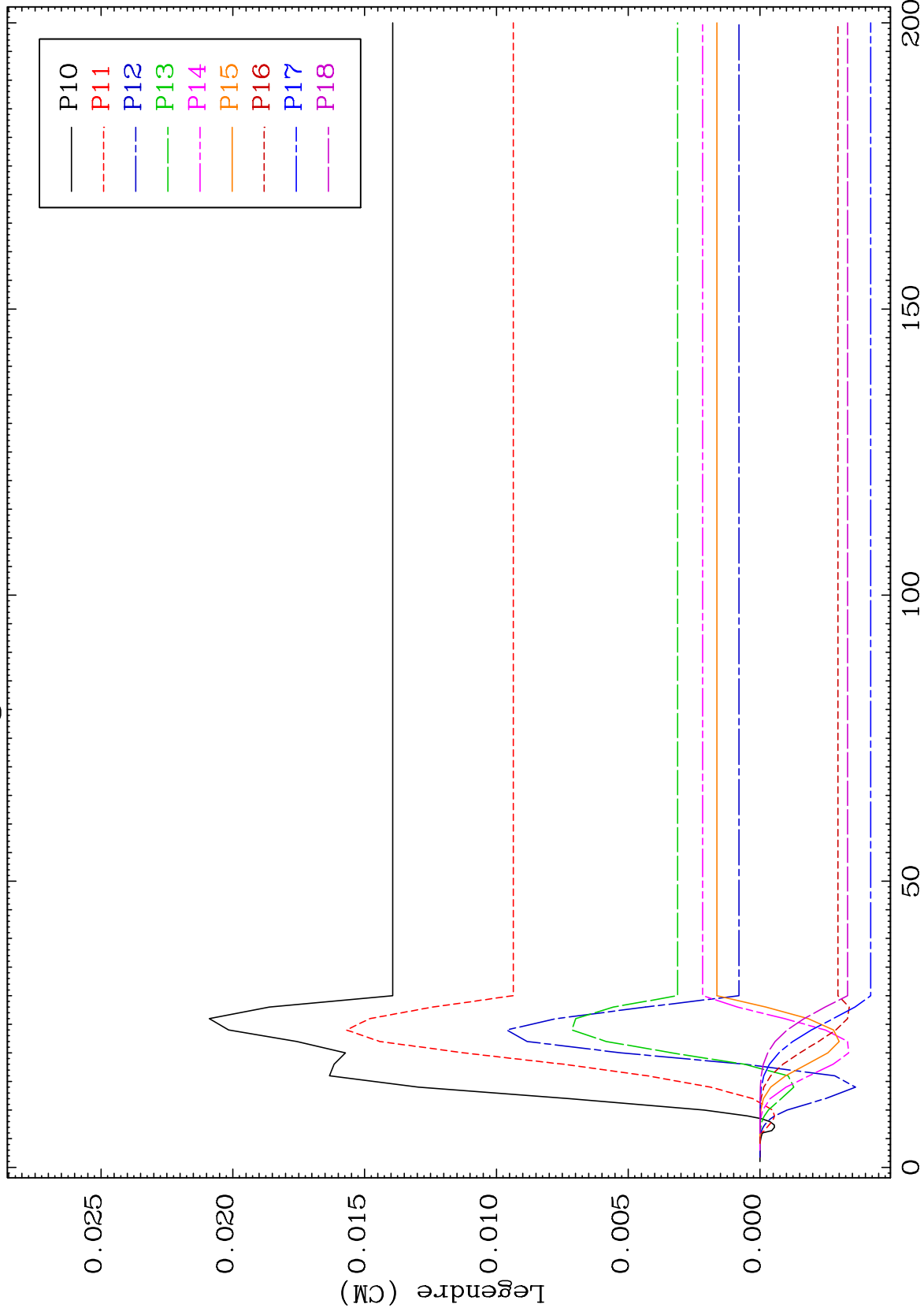




MAT 3940

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

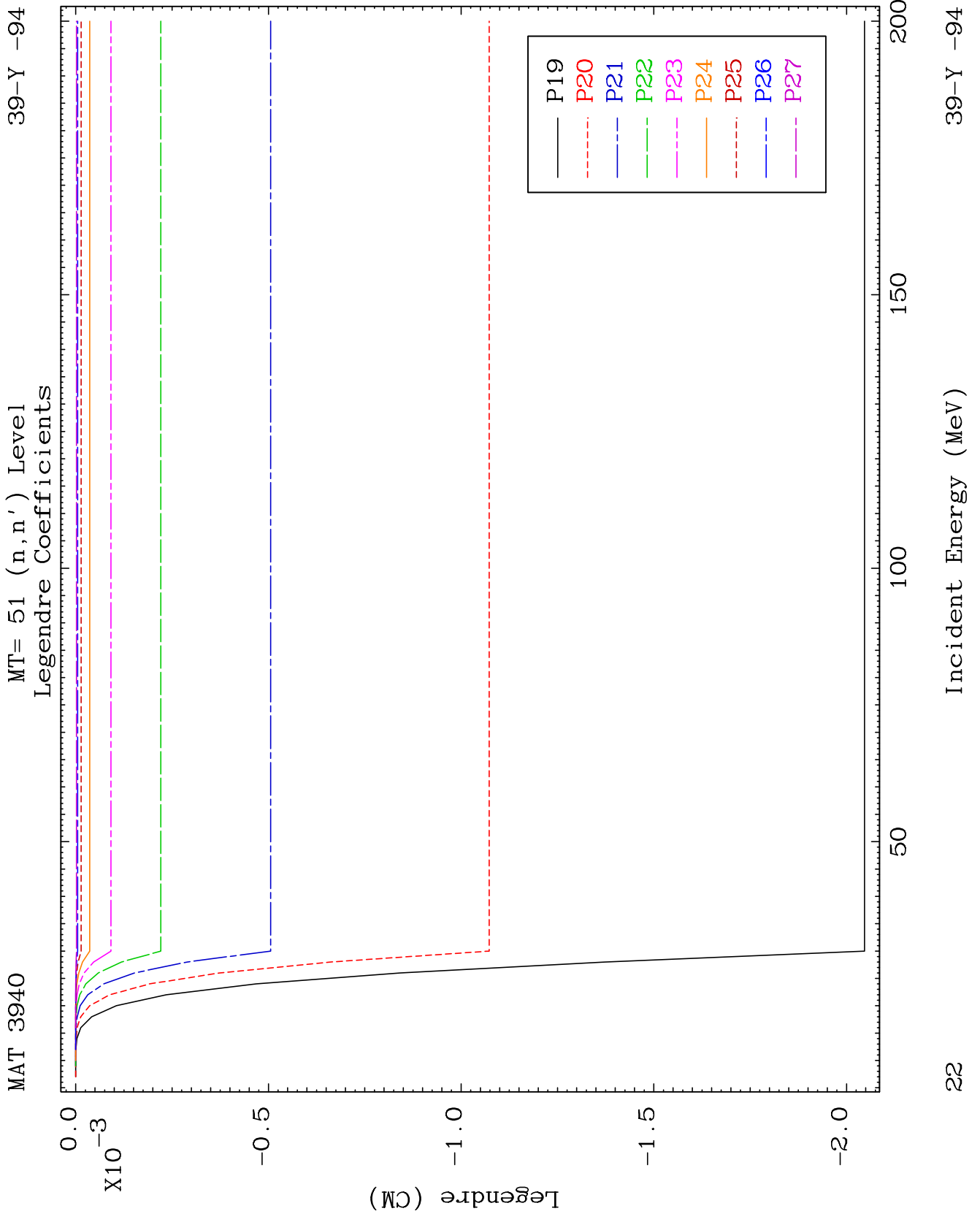
39-Y -94

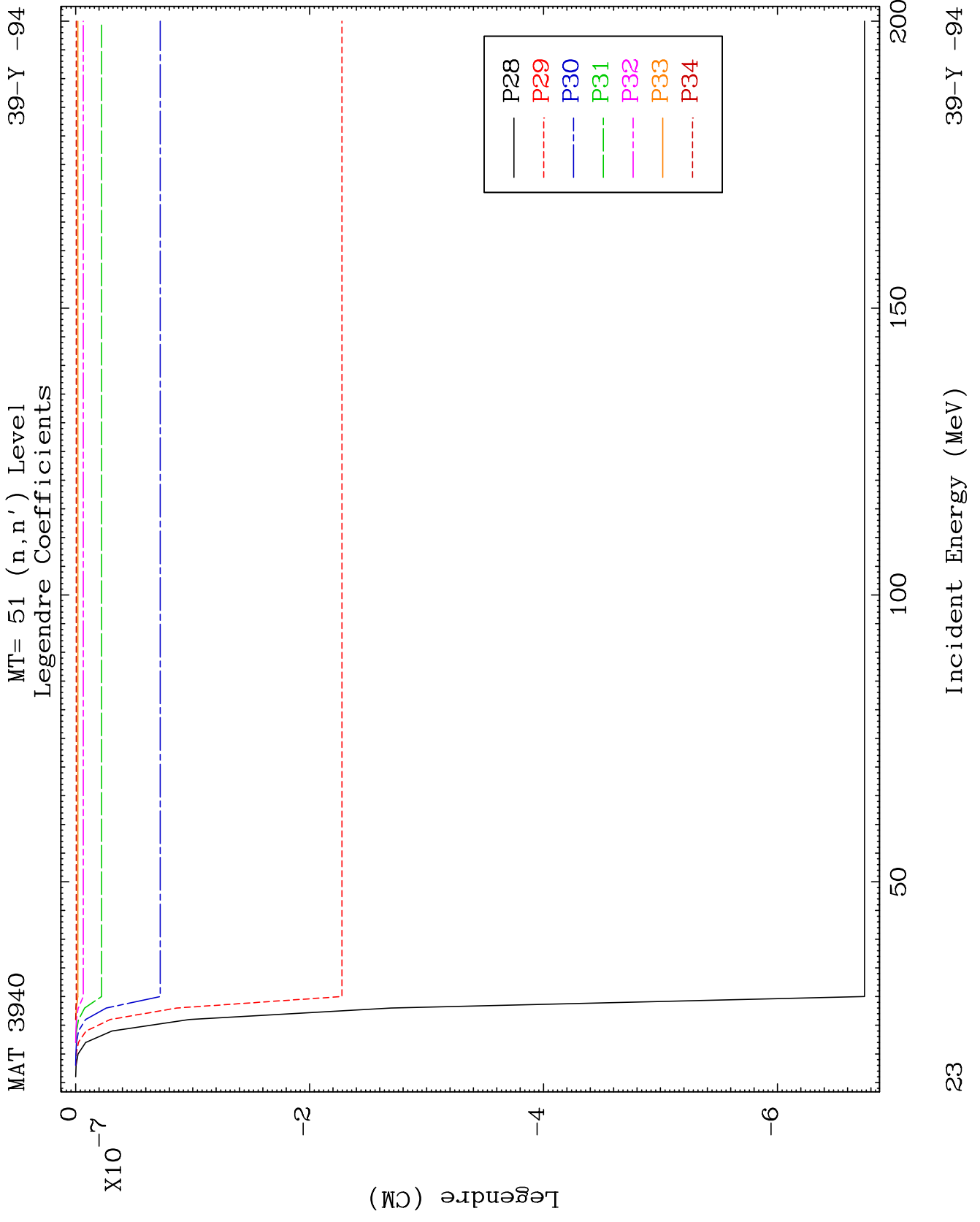


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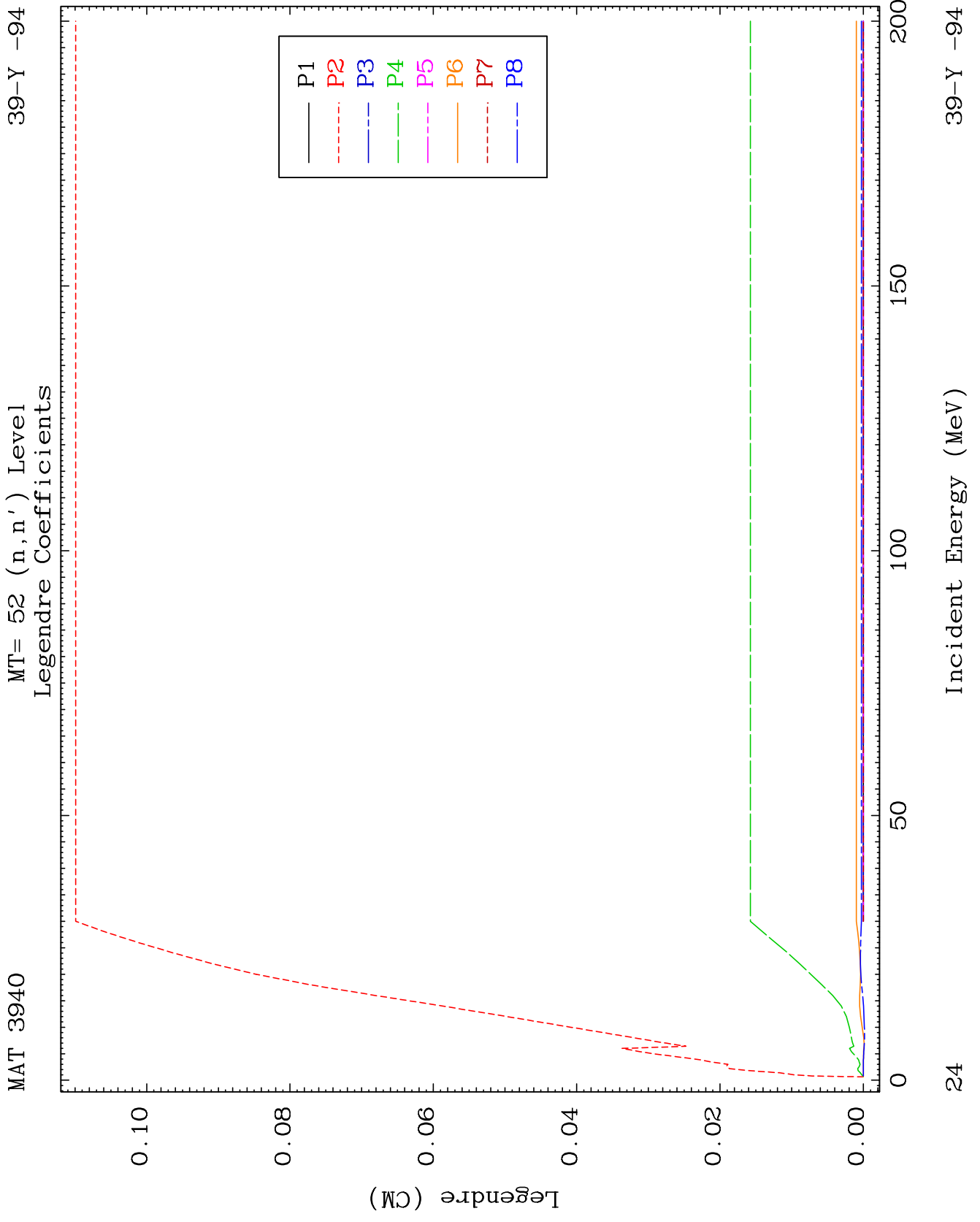
Incident Energy (MeV)

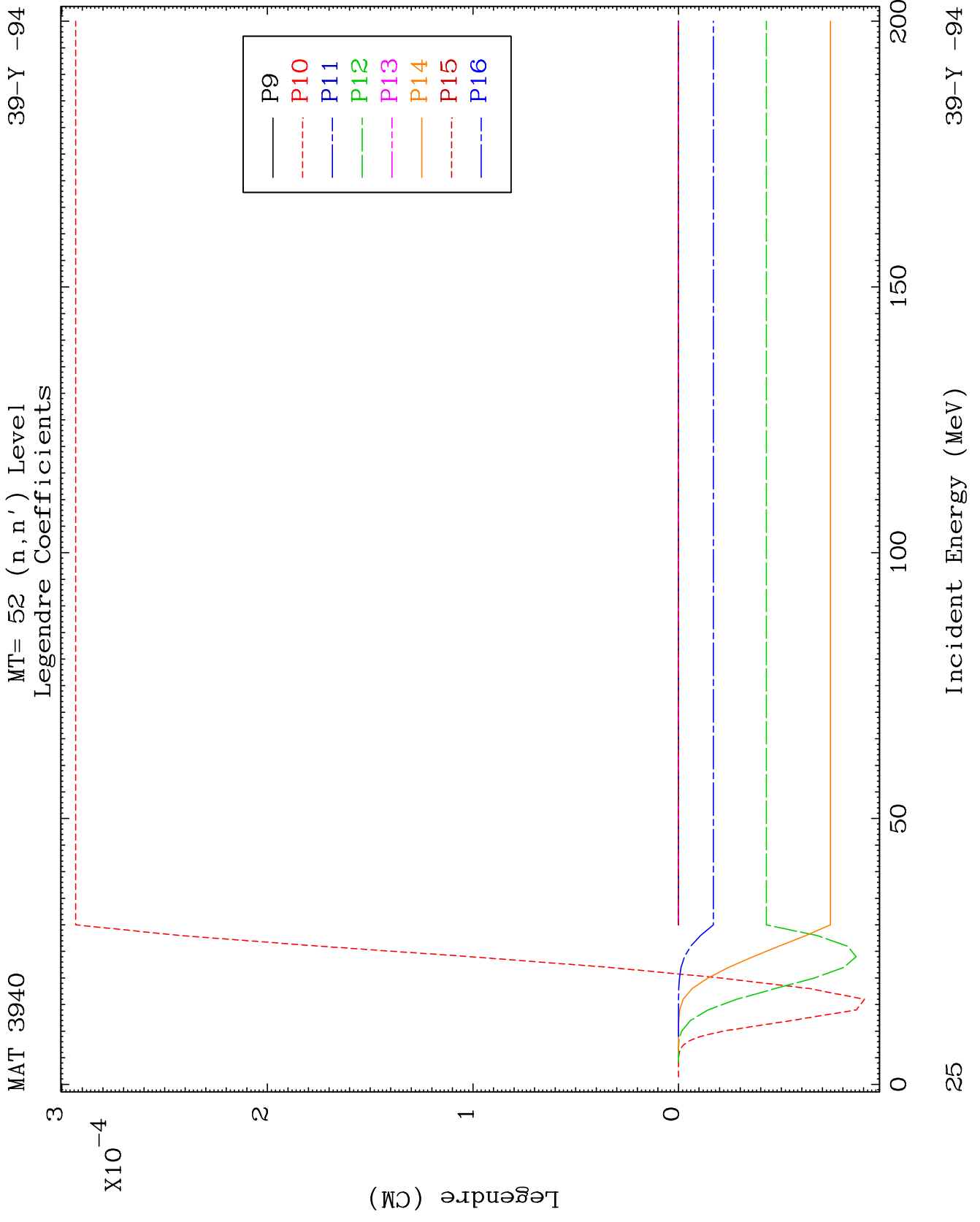
39-Y -94

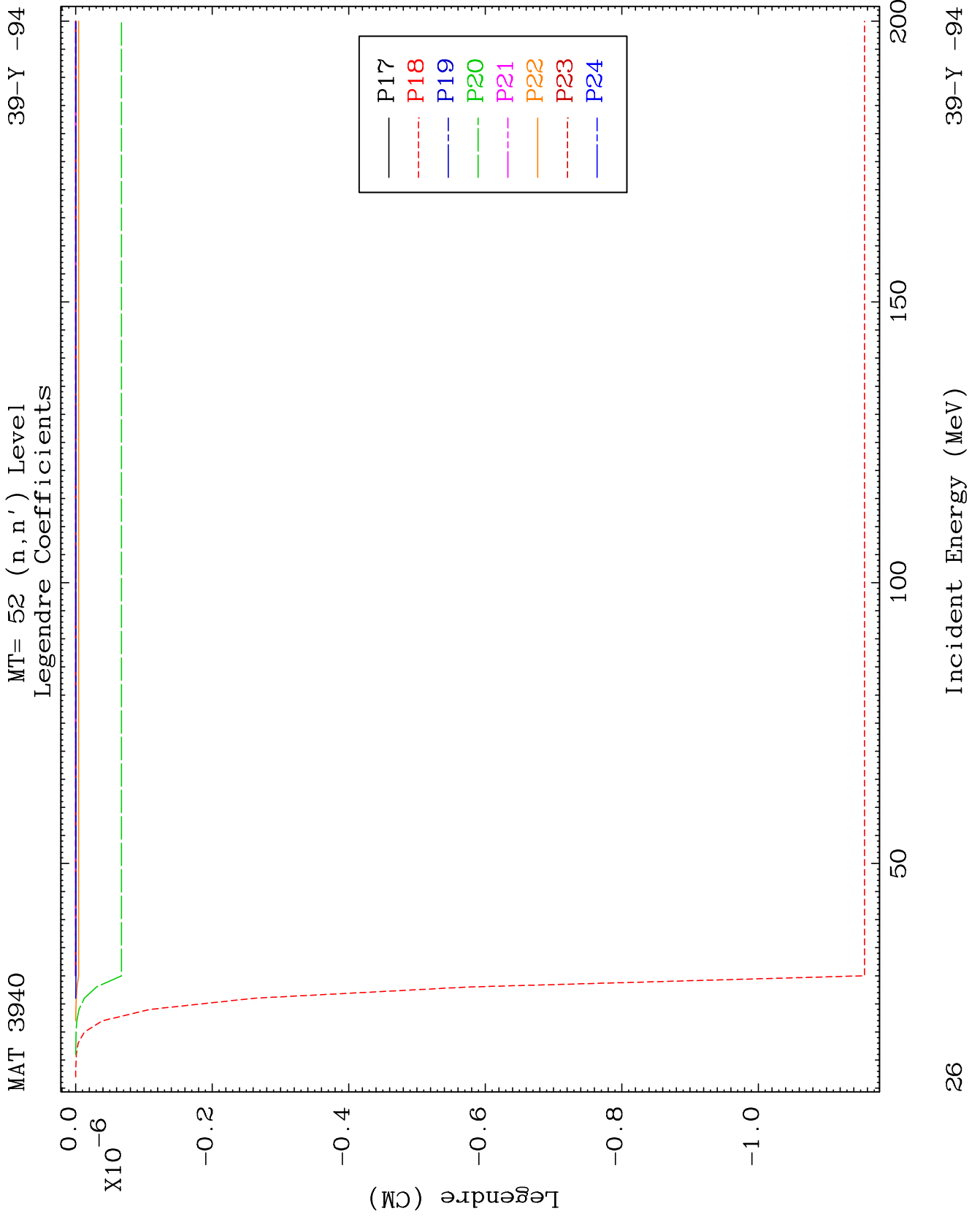








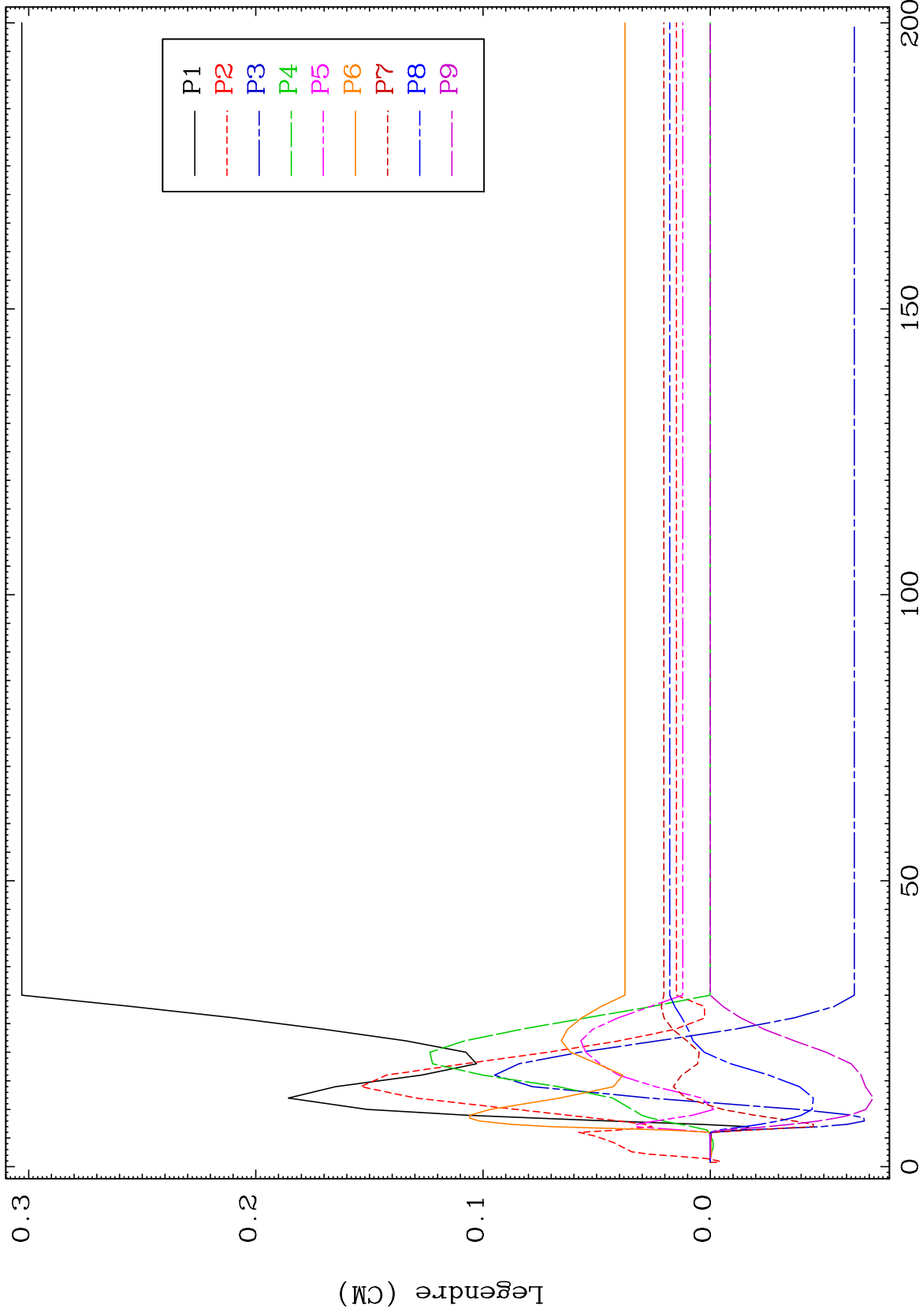




MAT 3940

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

39-Y -94



27

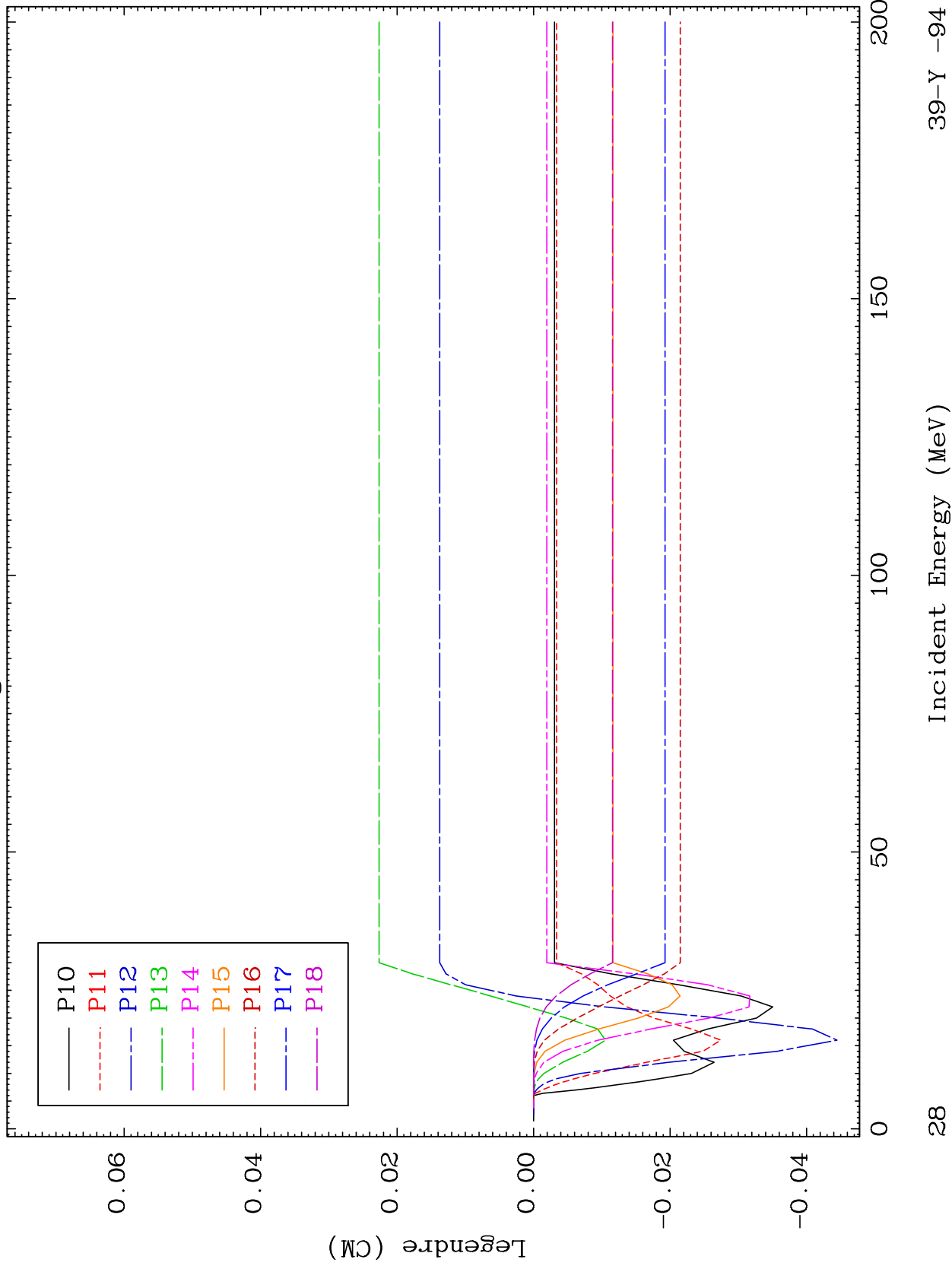
Incident Energy (MeV)

39-Y -94

MAT 3940

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

39-Y -94

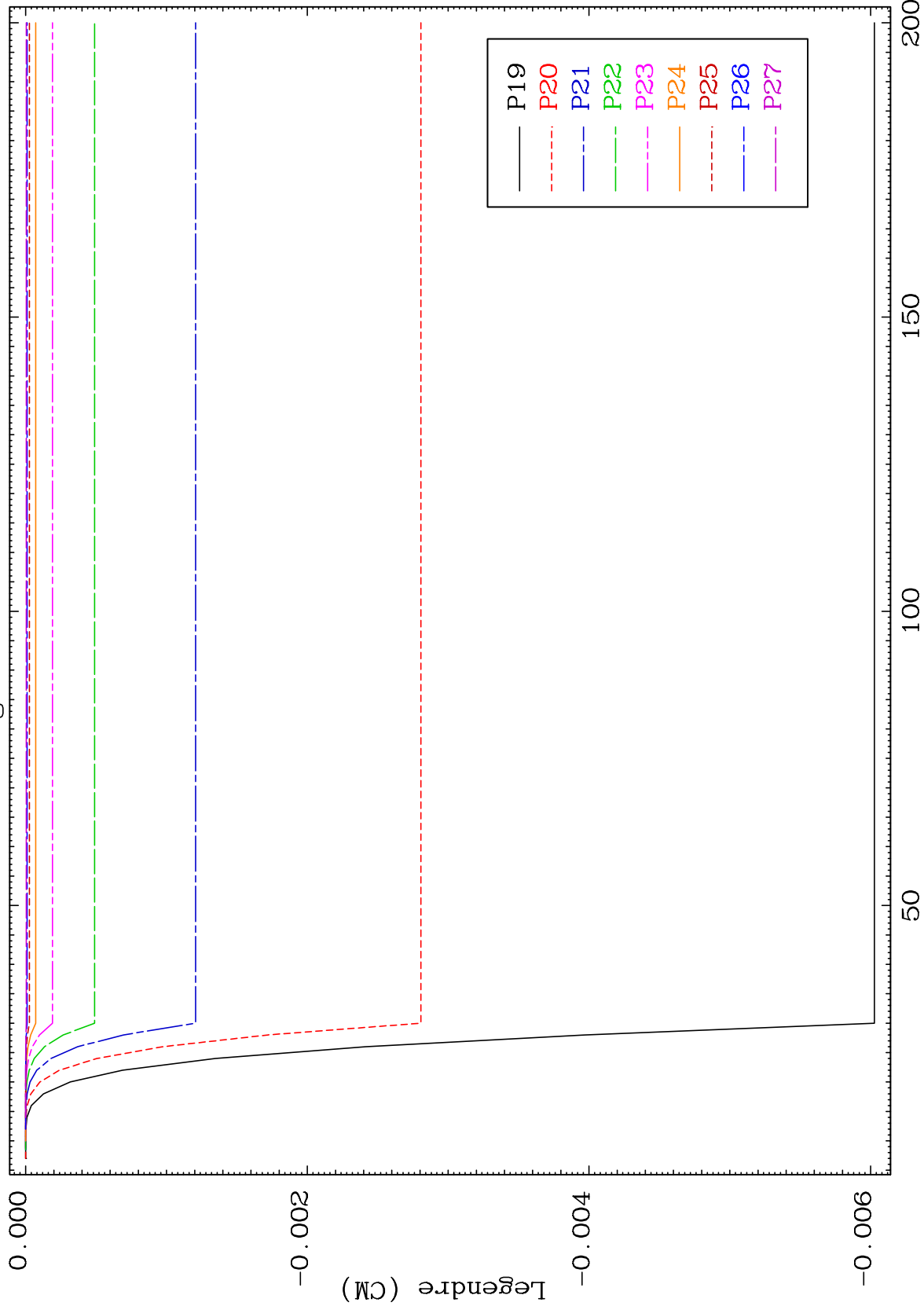


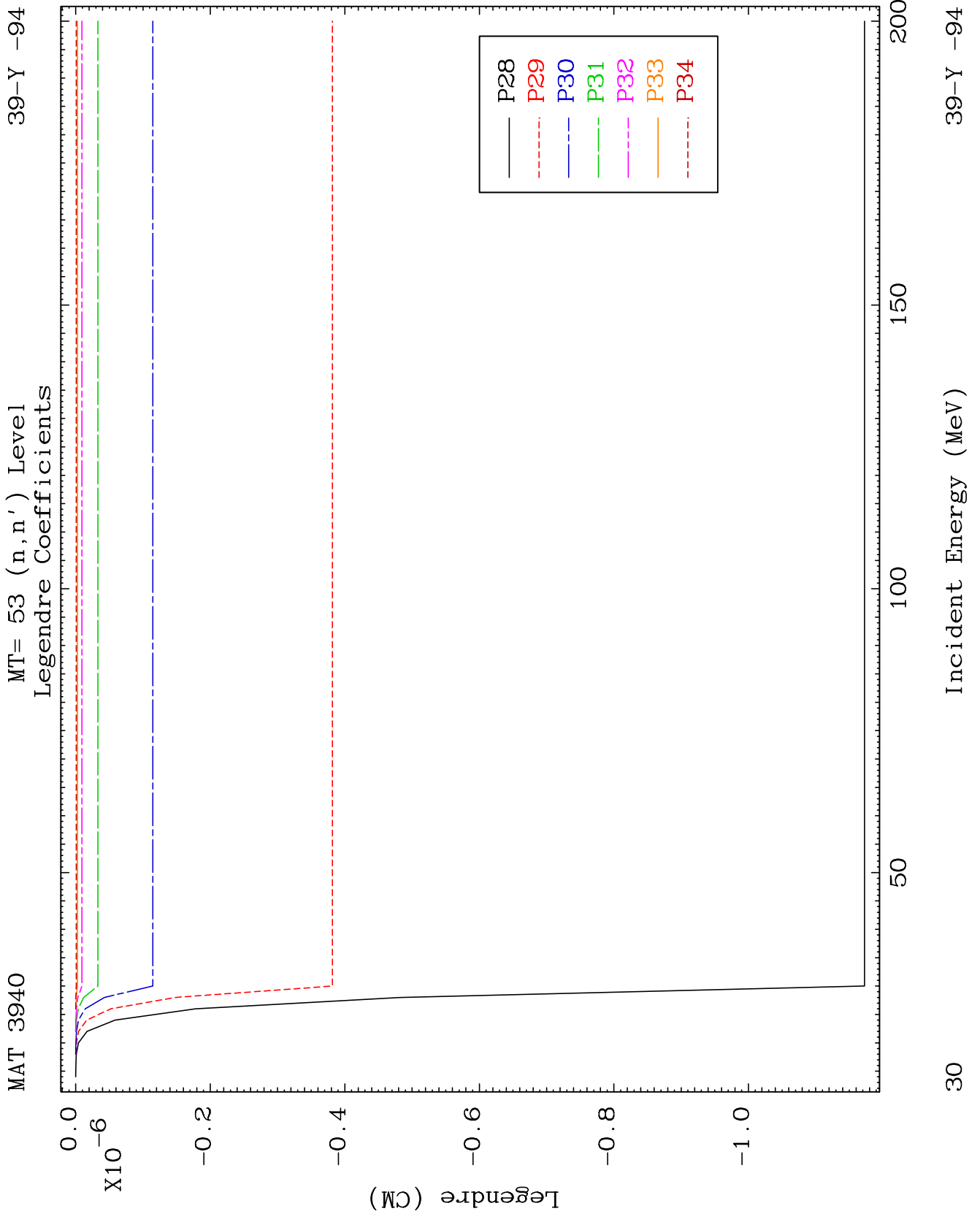
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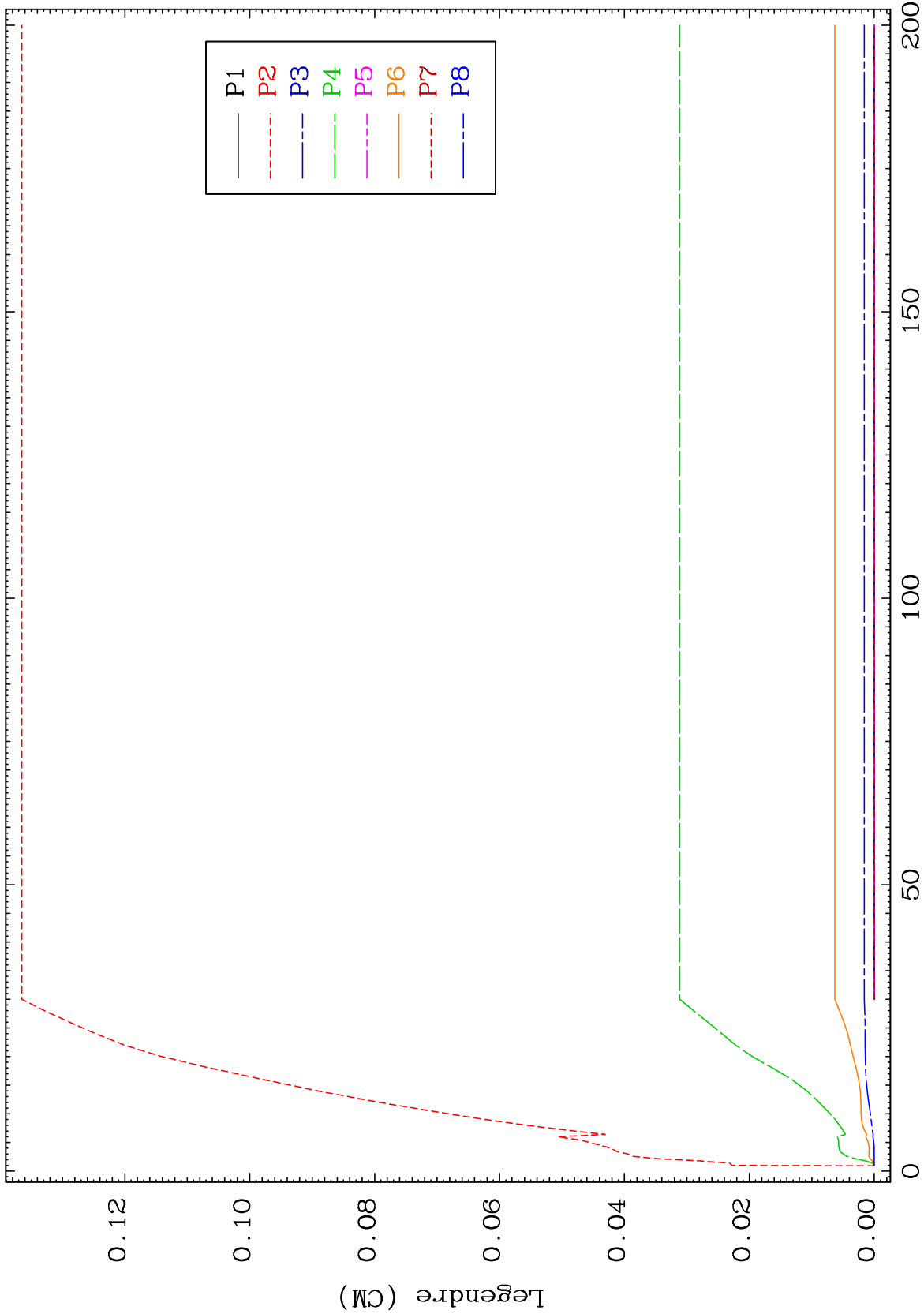
Incident Energy (MeV)

39-Y -94

MAT 3940 MT= 53 (n,n') Level Legendre Coefficients 39-Y -94





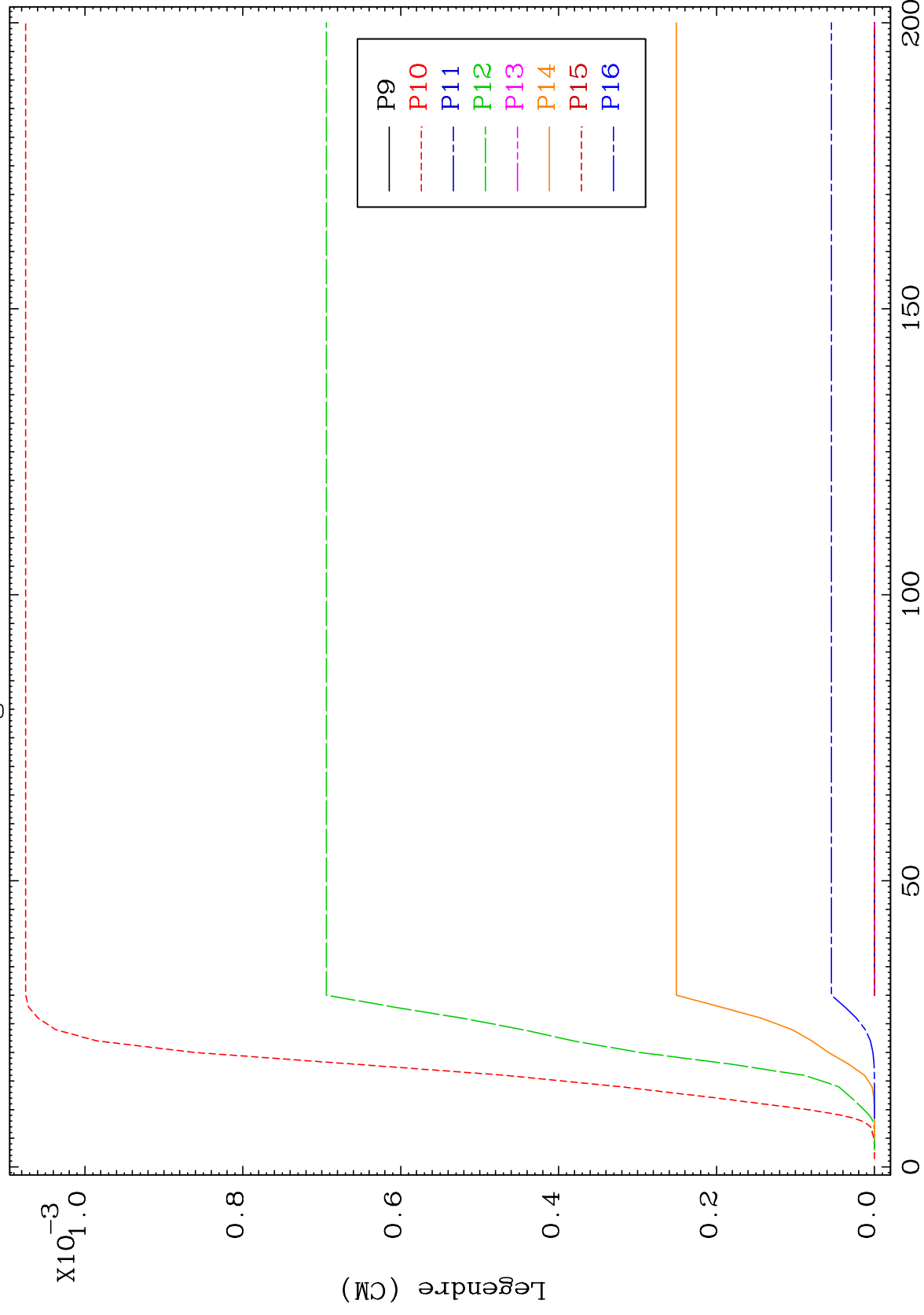




MAT 3940

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

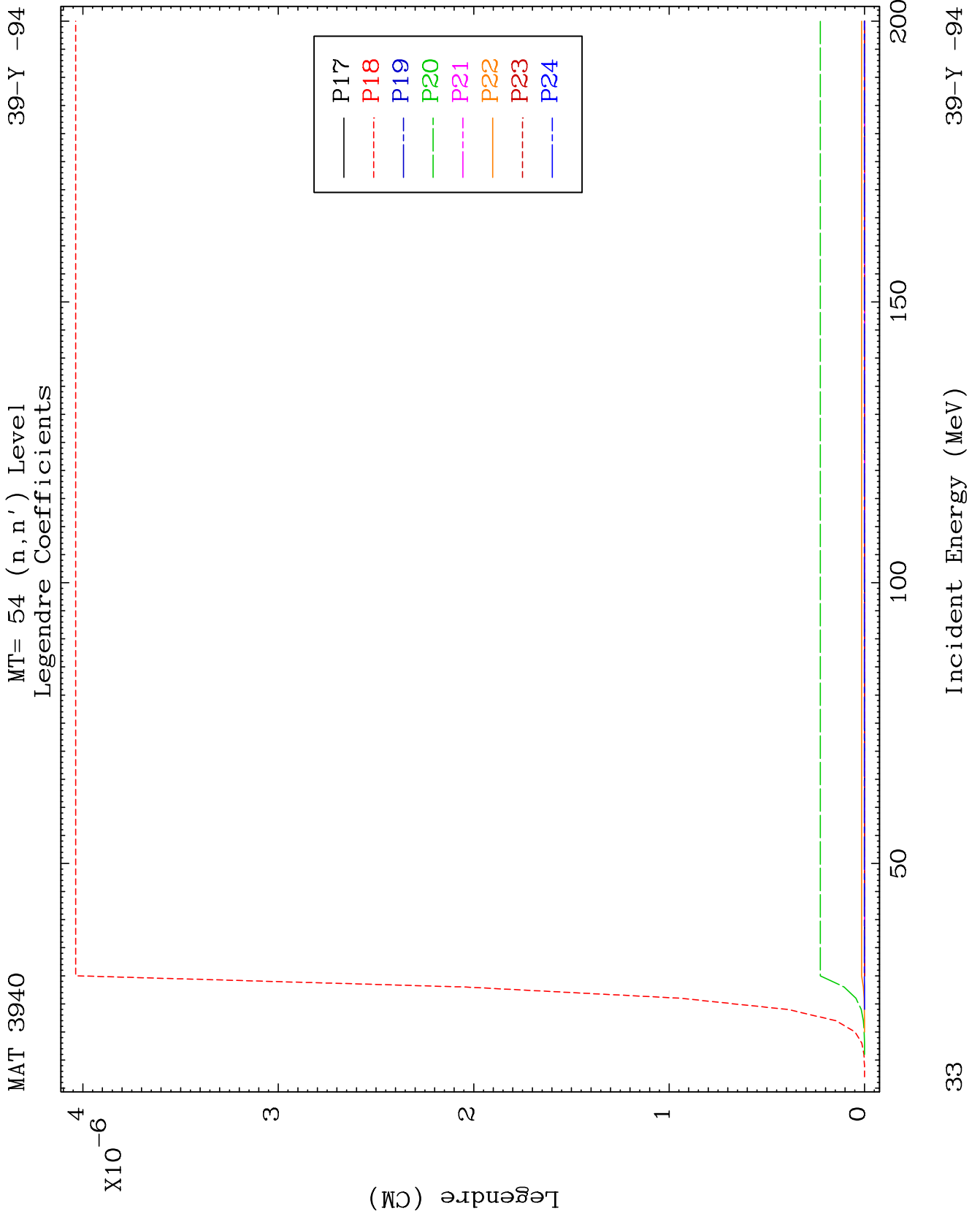
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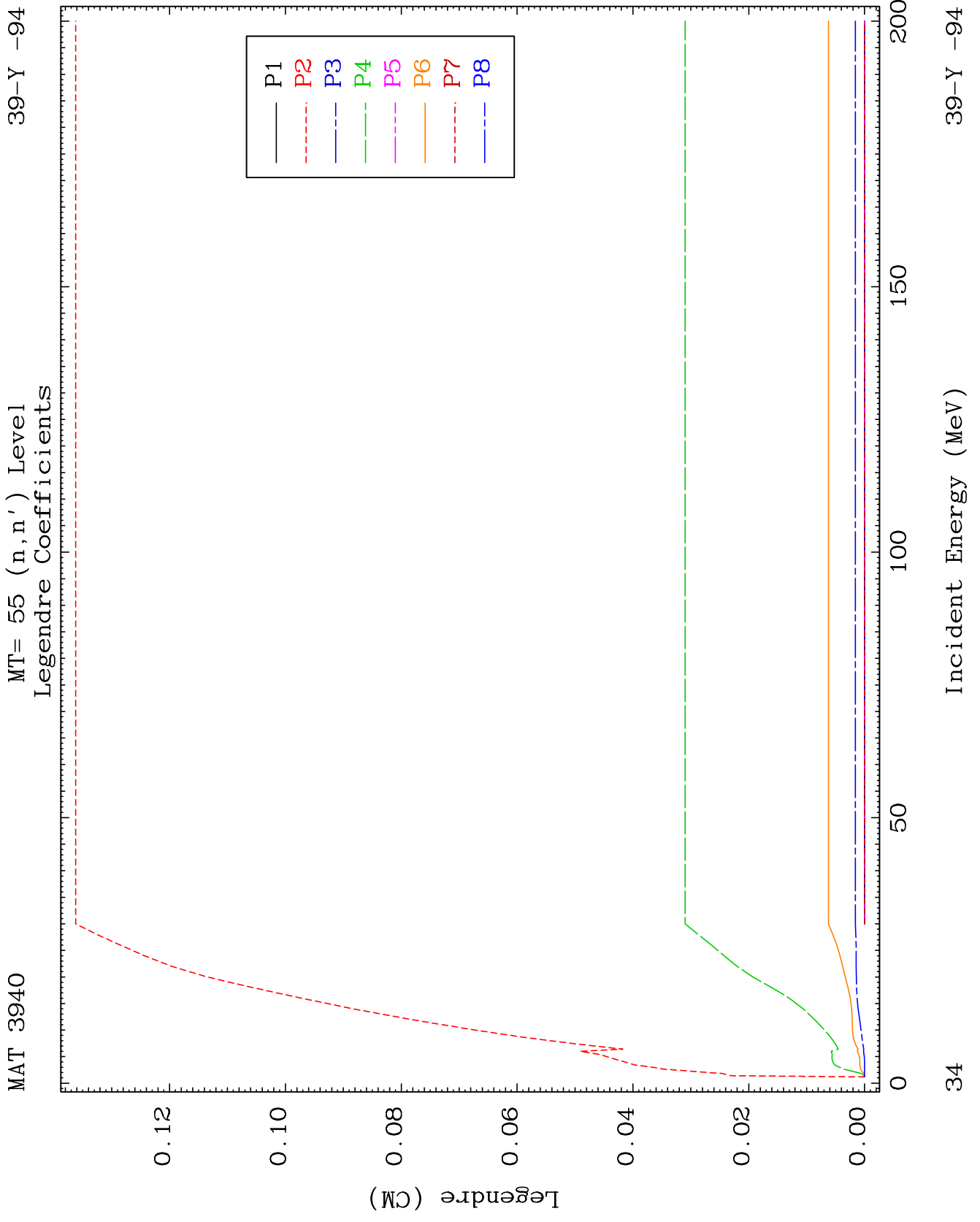


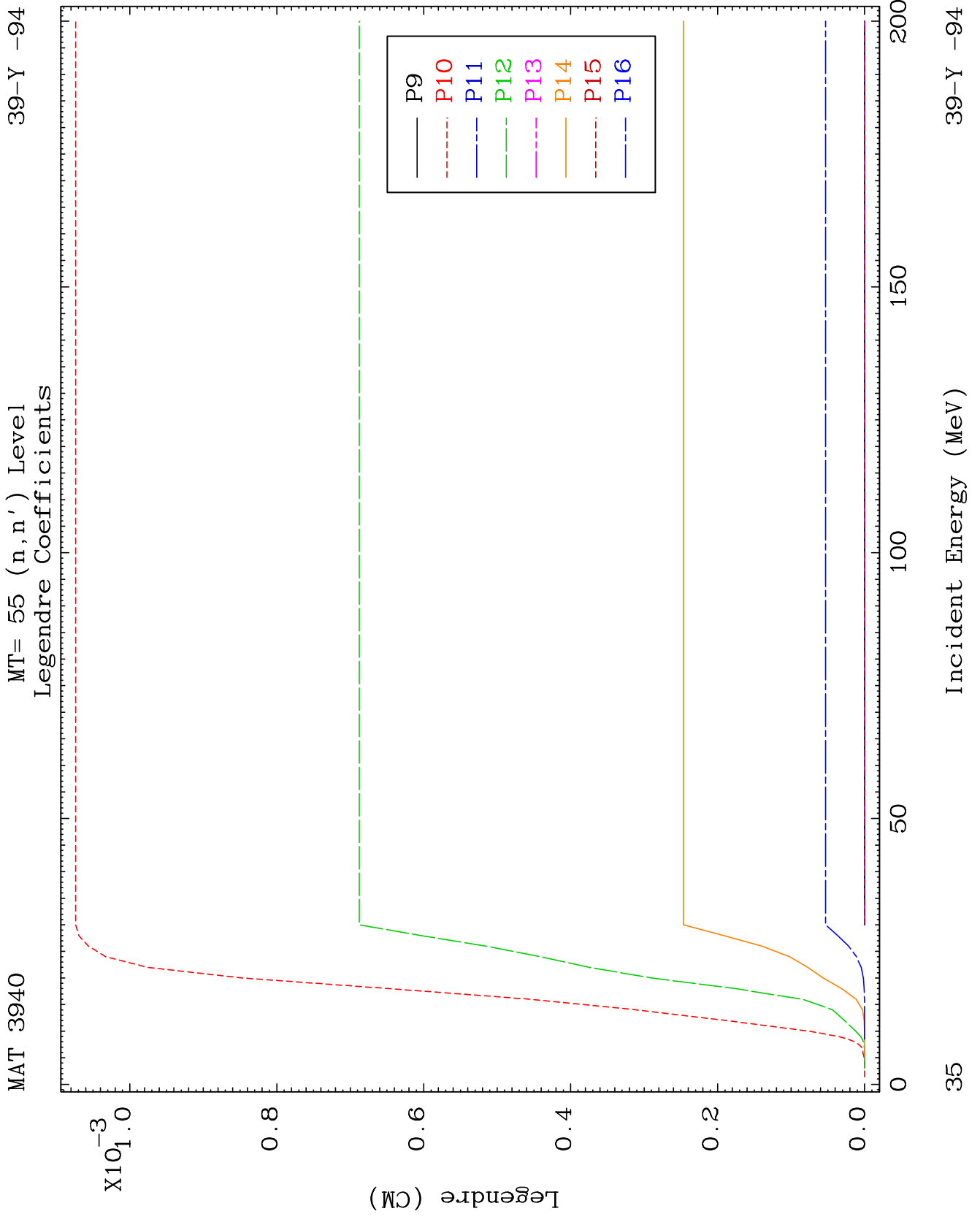
39-Y -94

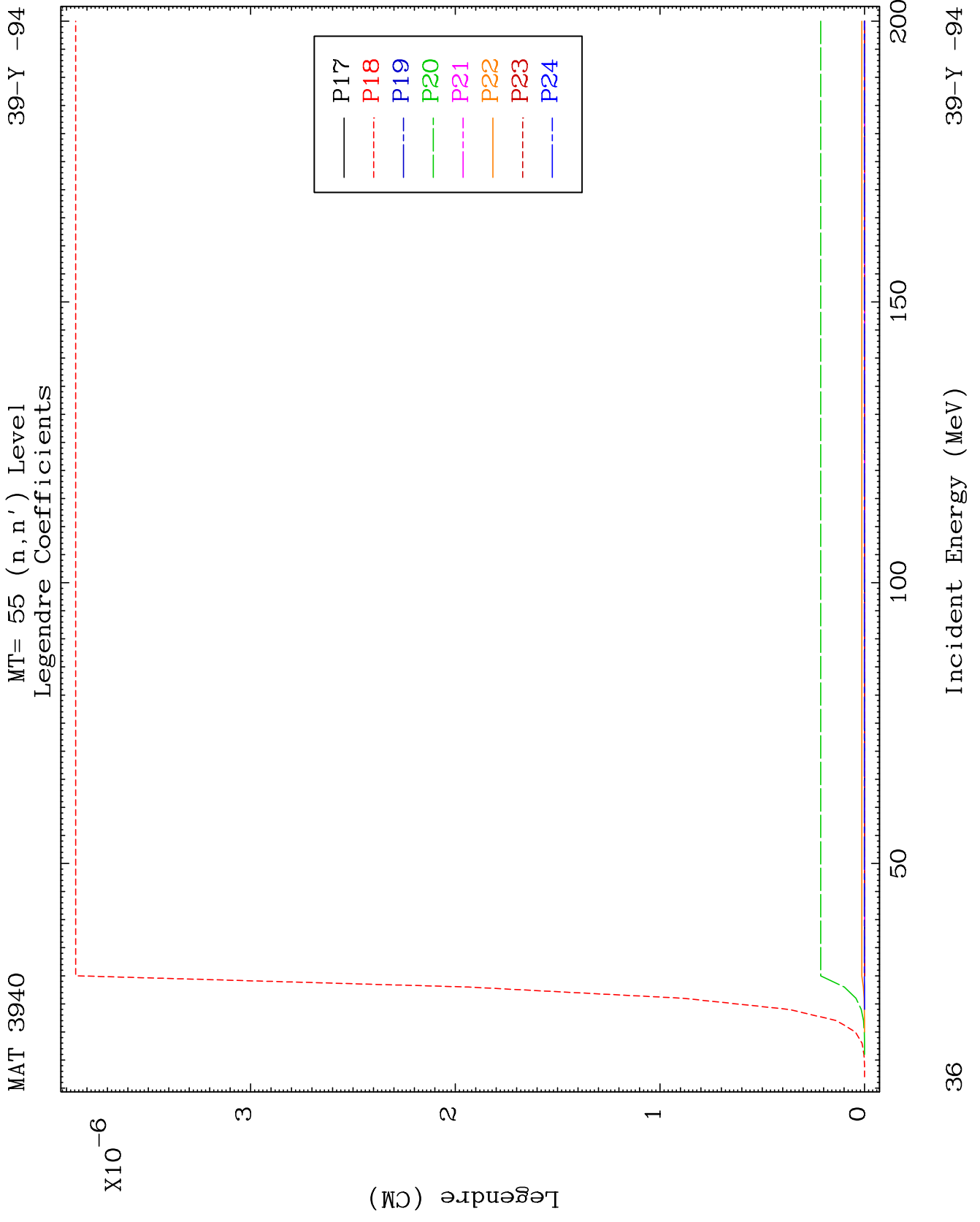
Incident Energy (MeV)

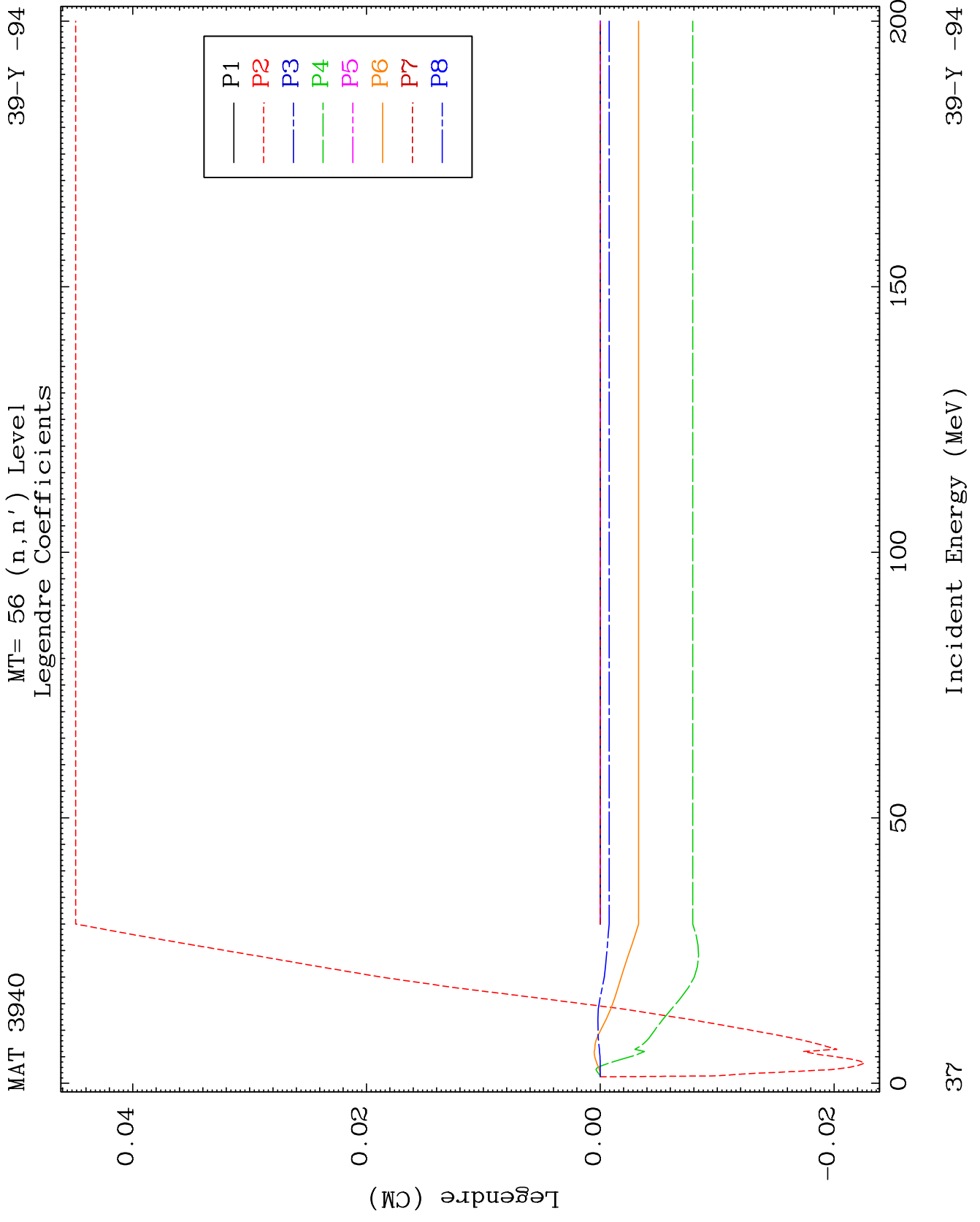
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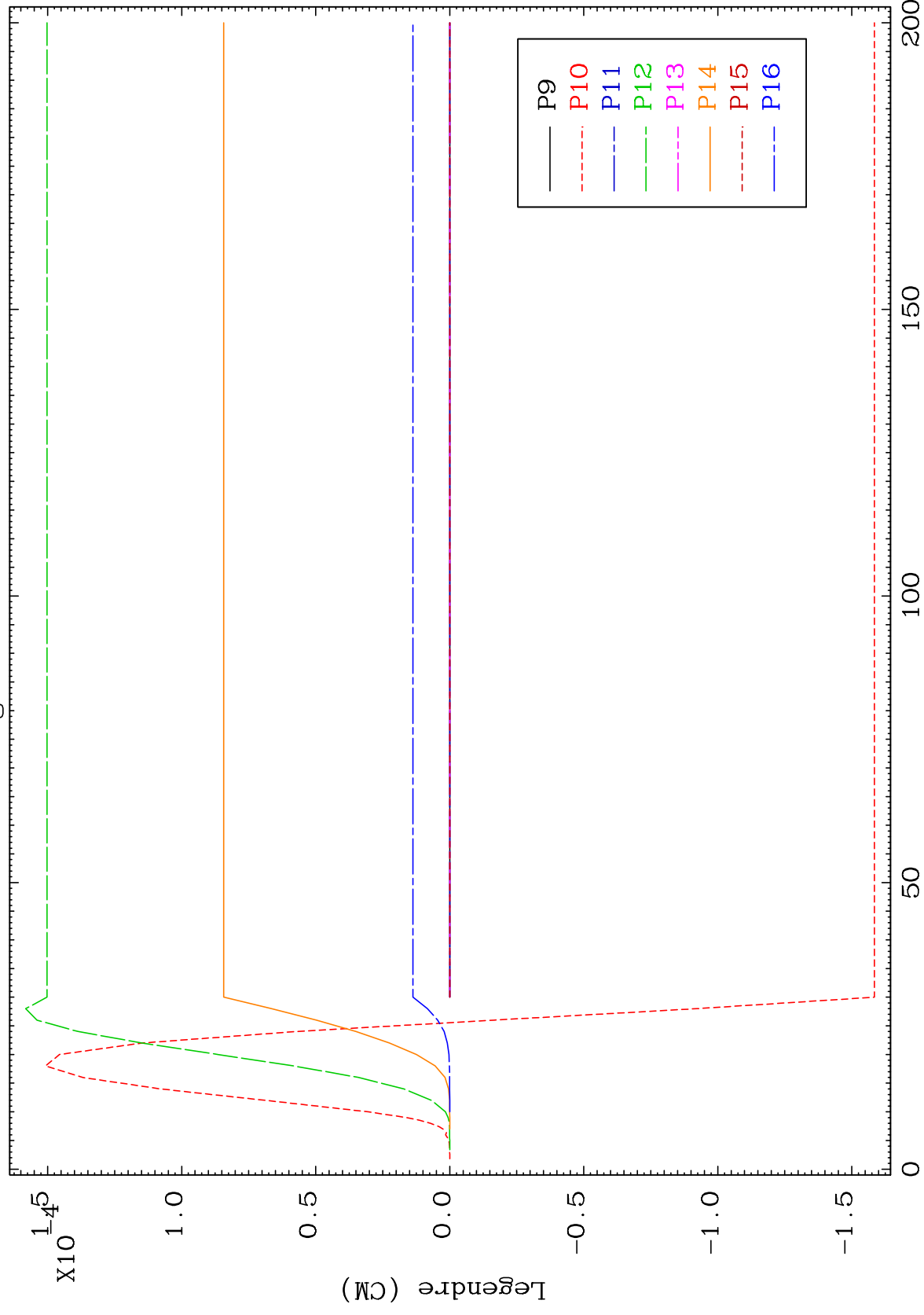




MAT 3940

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

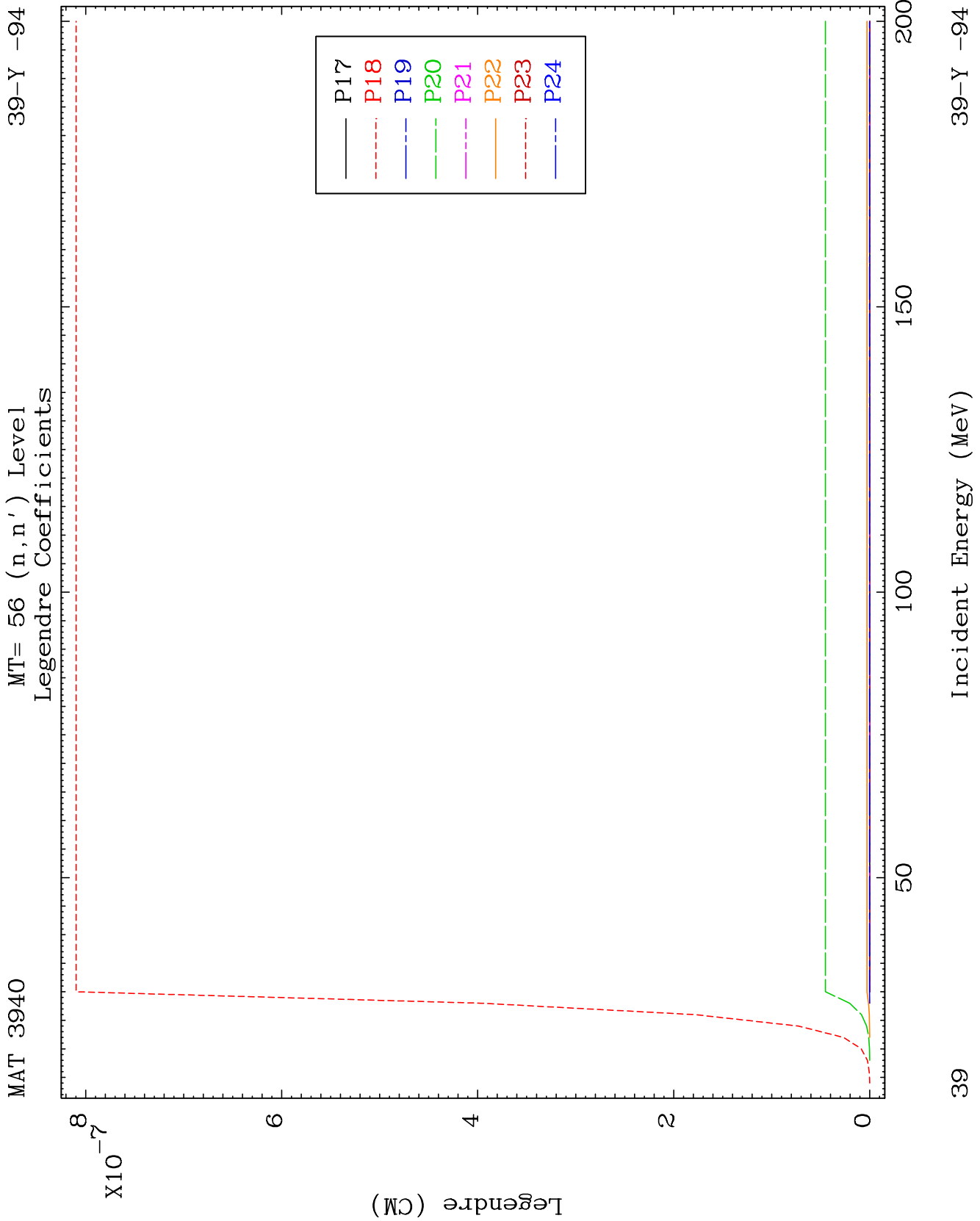
39-Y -94



38

Incident Energy (MeV)

39-Y -94



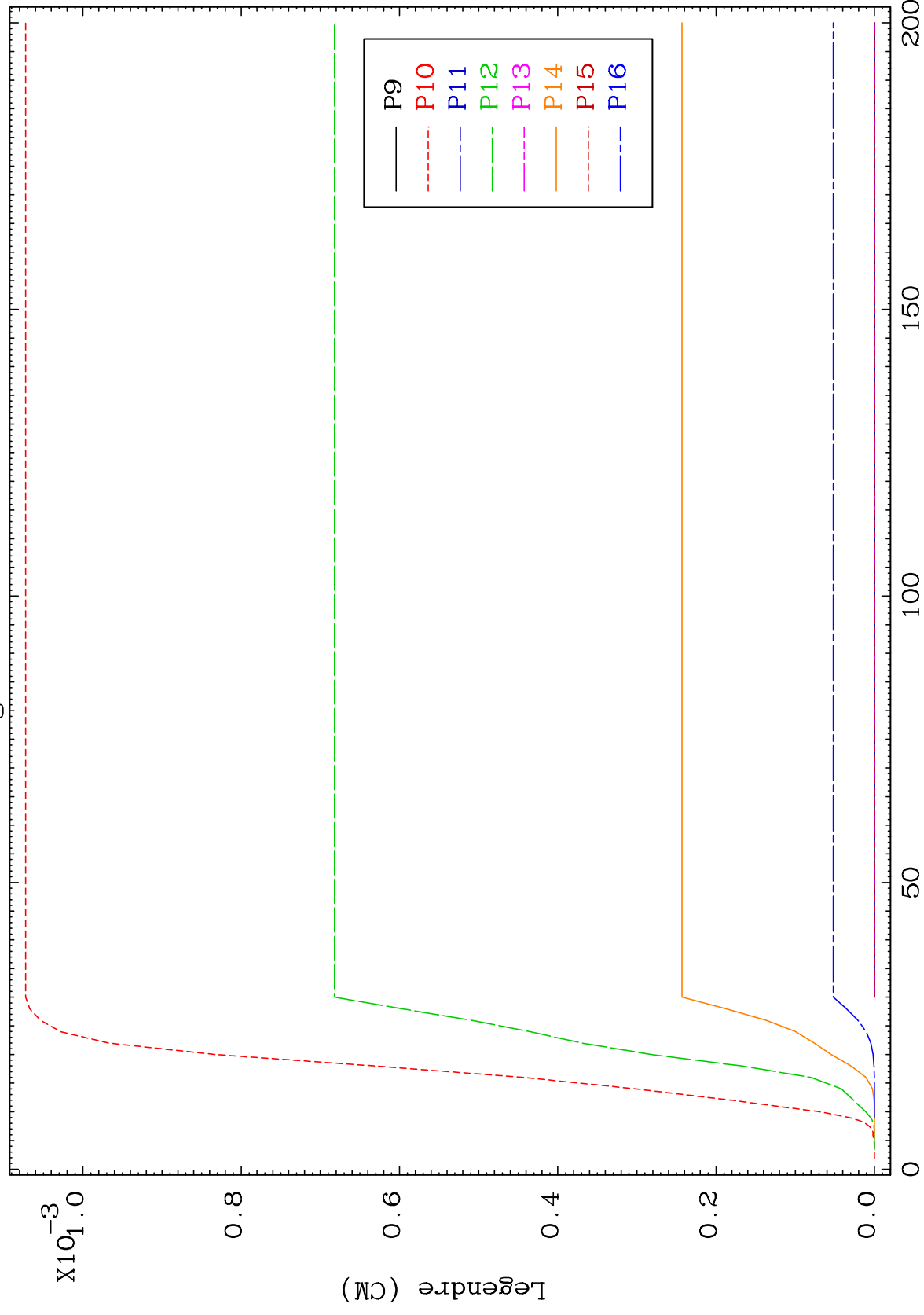




MAT 3940

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

39-Y -94



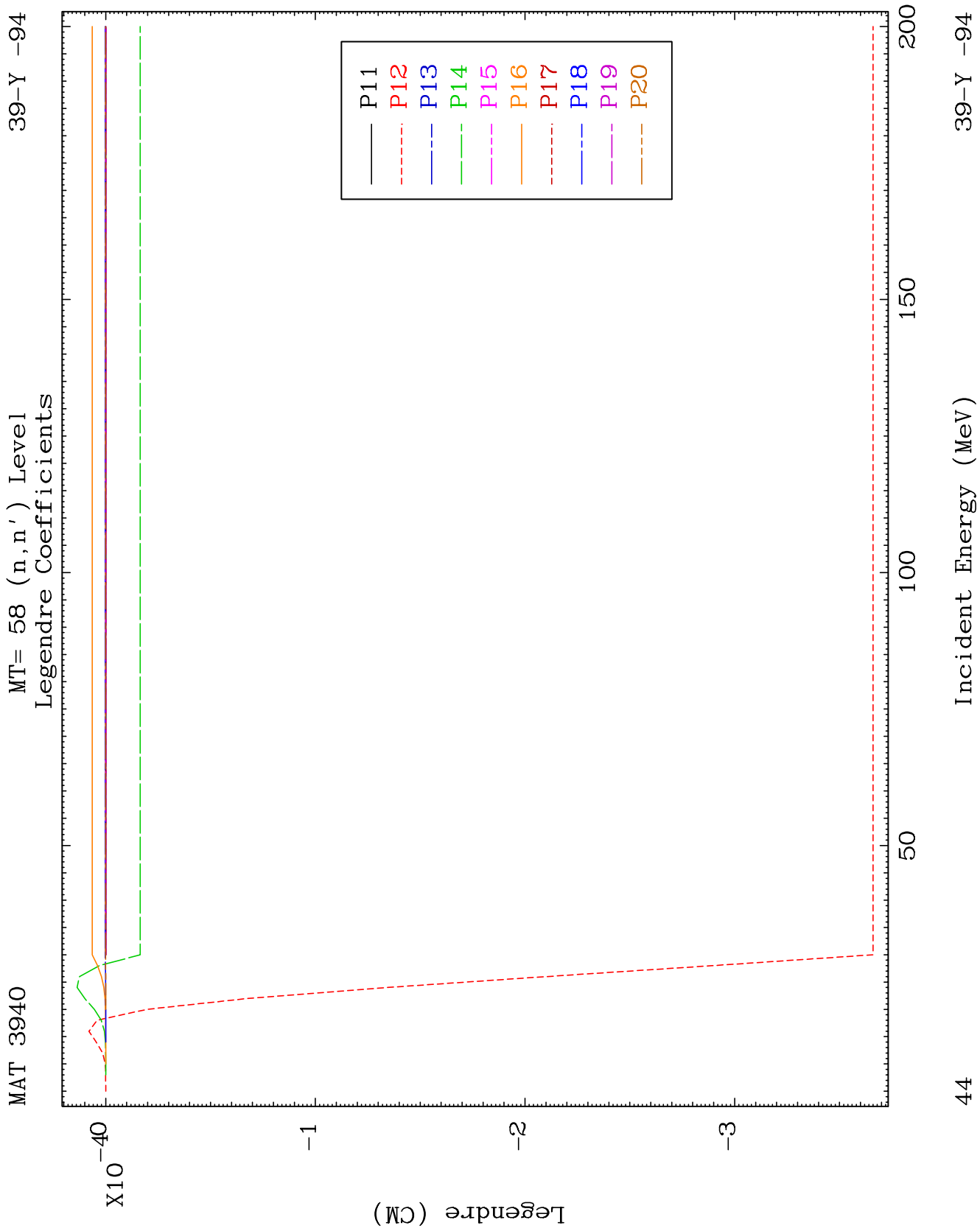
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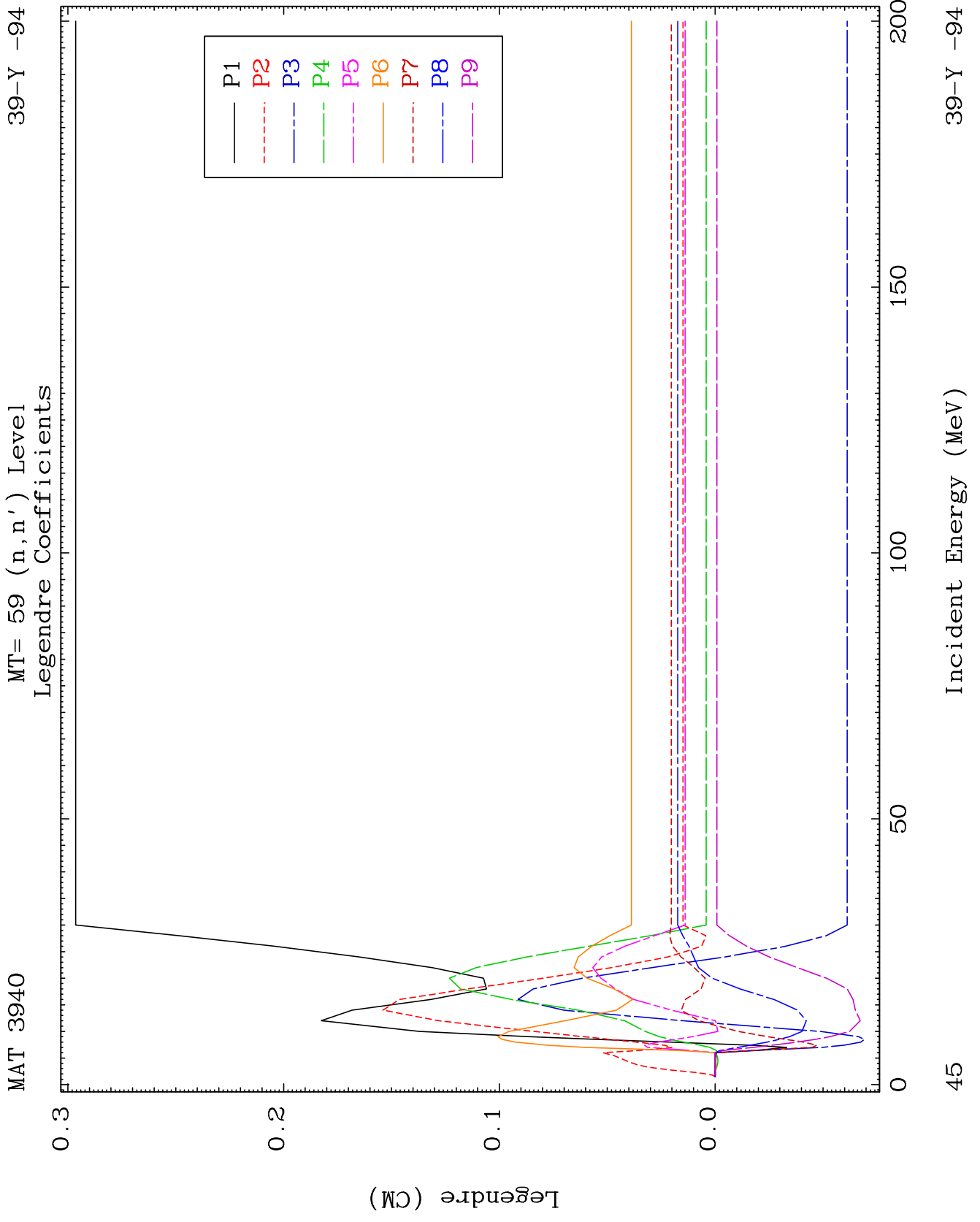
Incident Energy (MeV)

39-Y -94





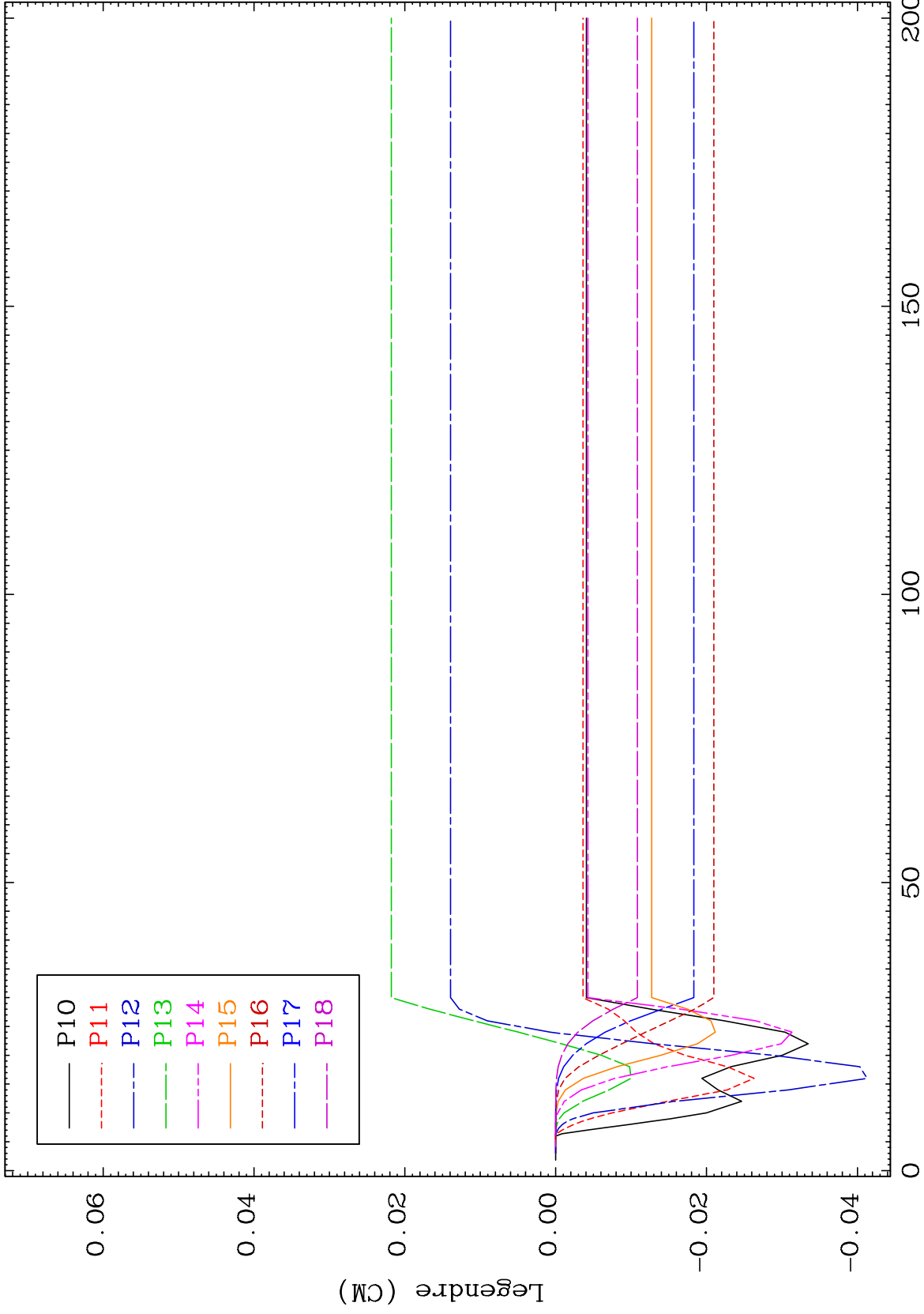




MAT 3940

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

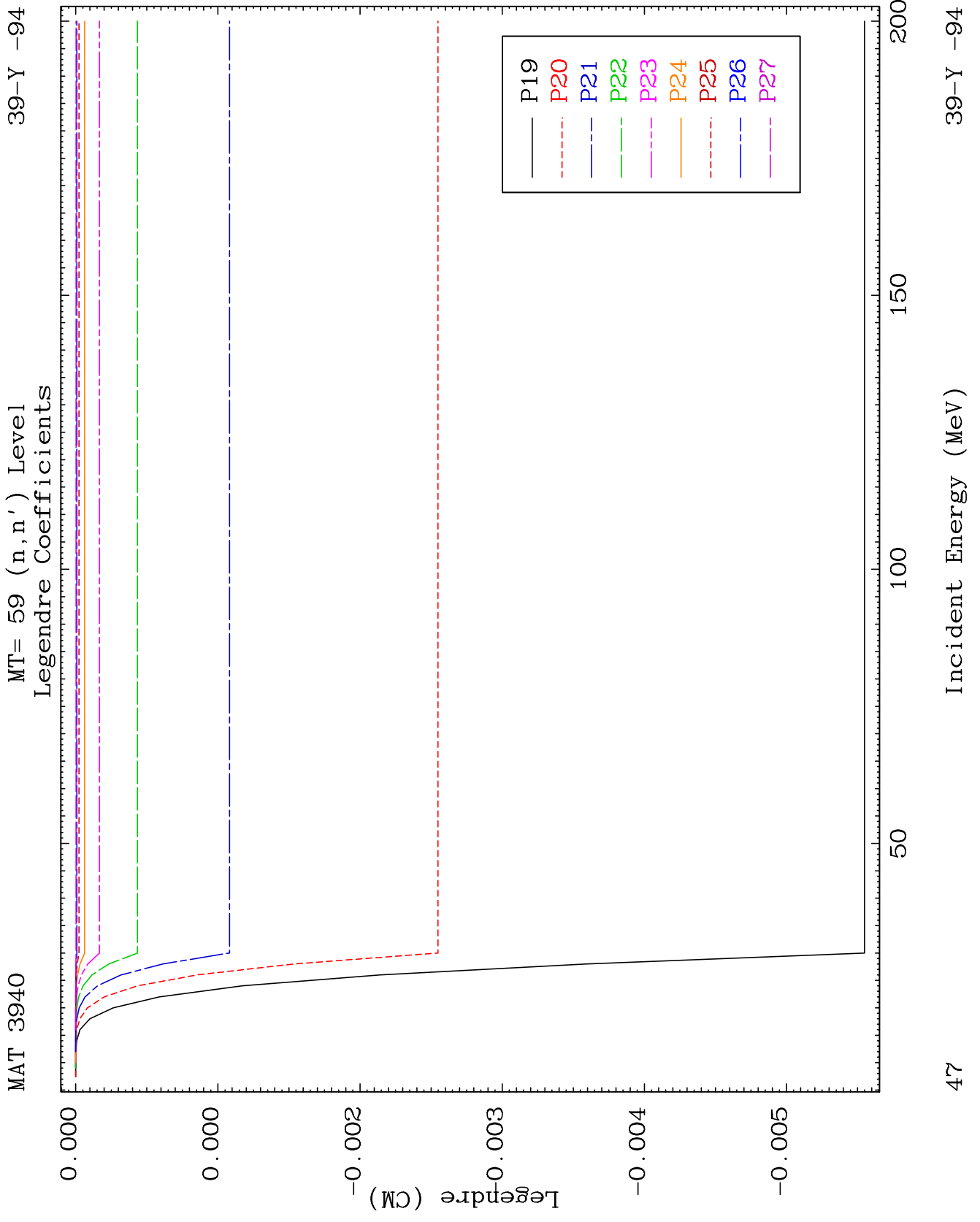
39-Y -94



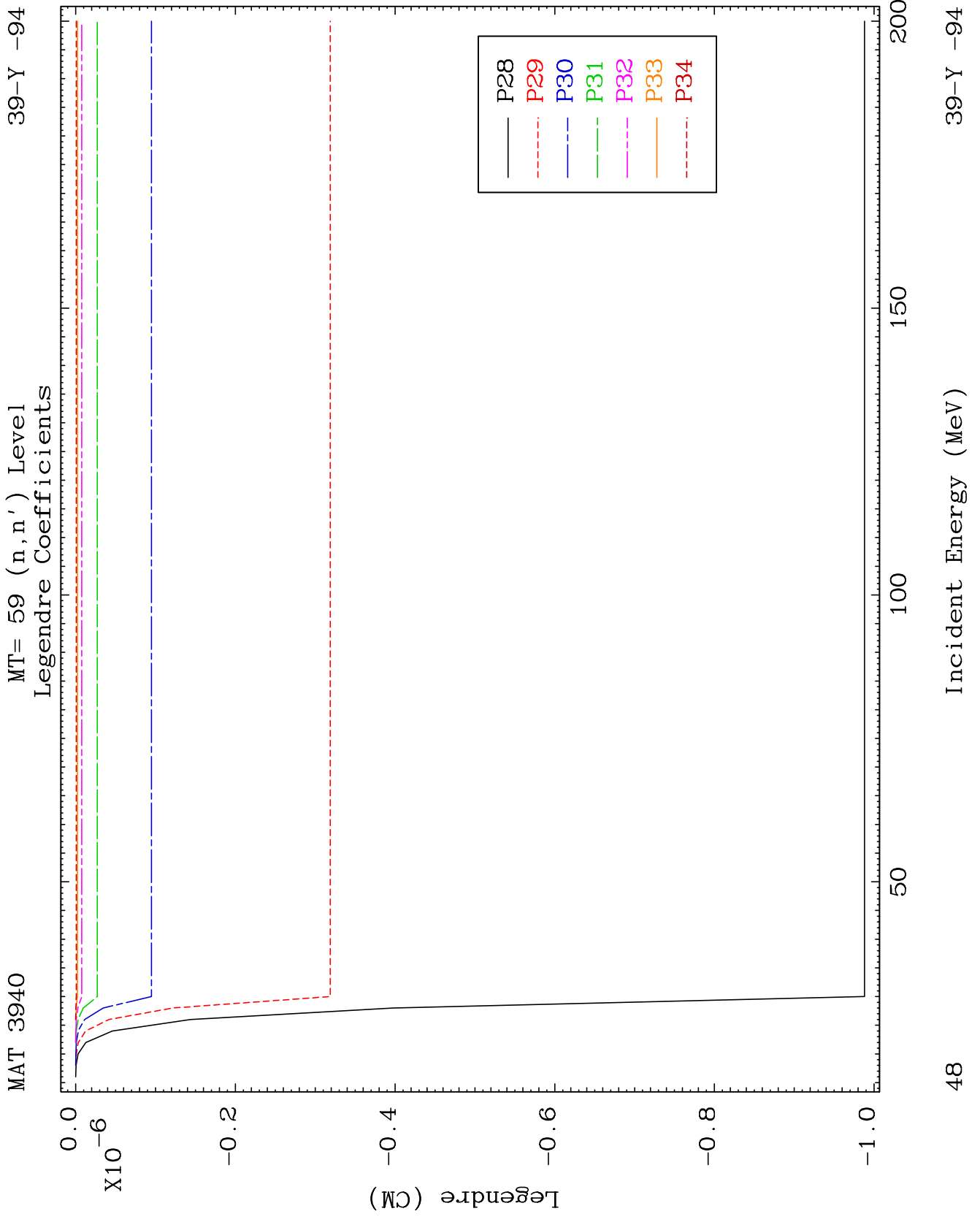
46

Incident Energy (MeV)

39-Y -94





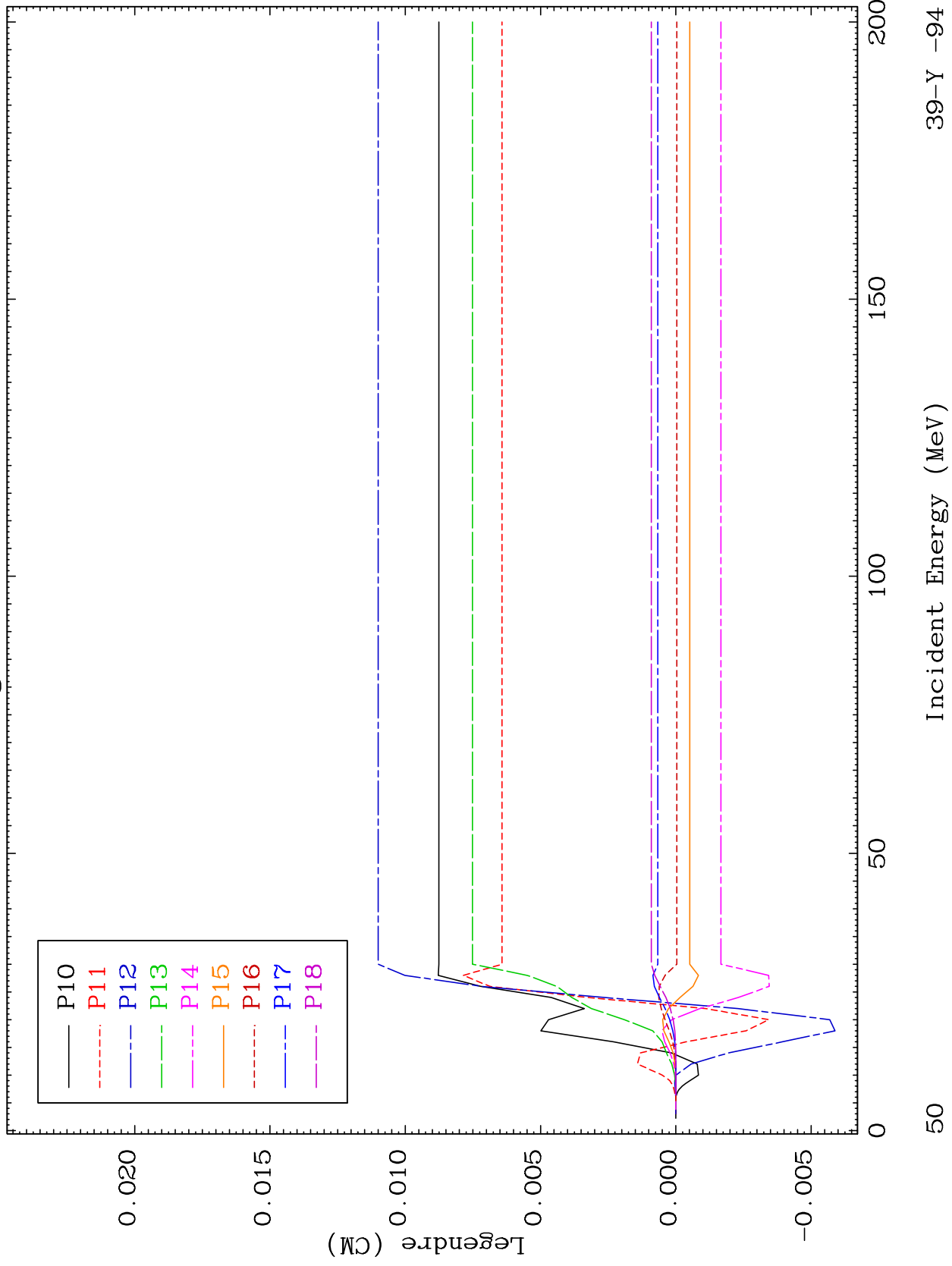




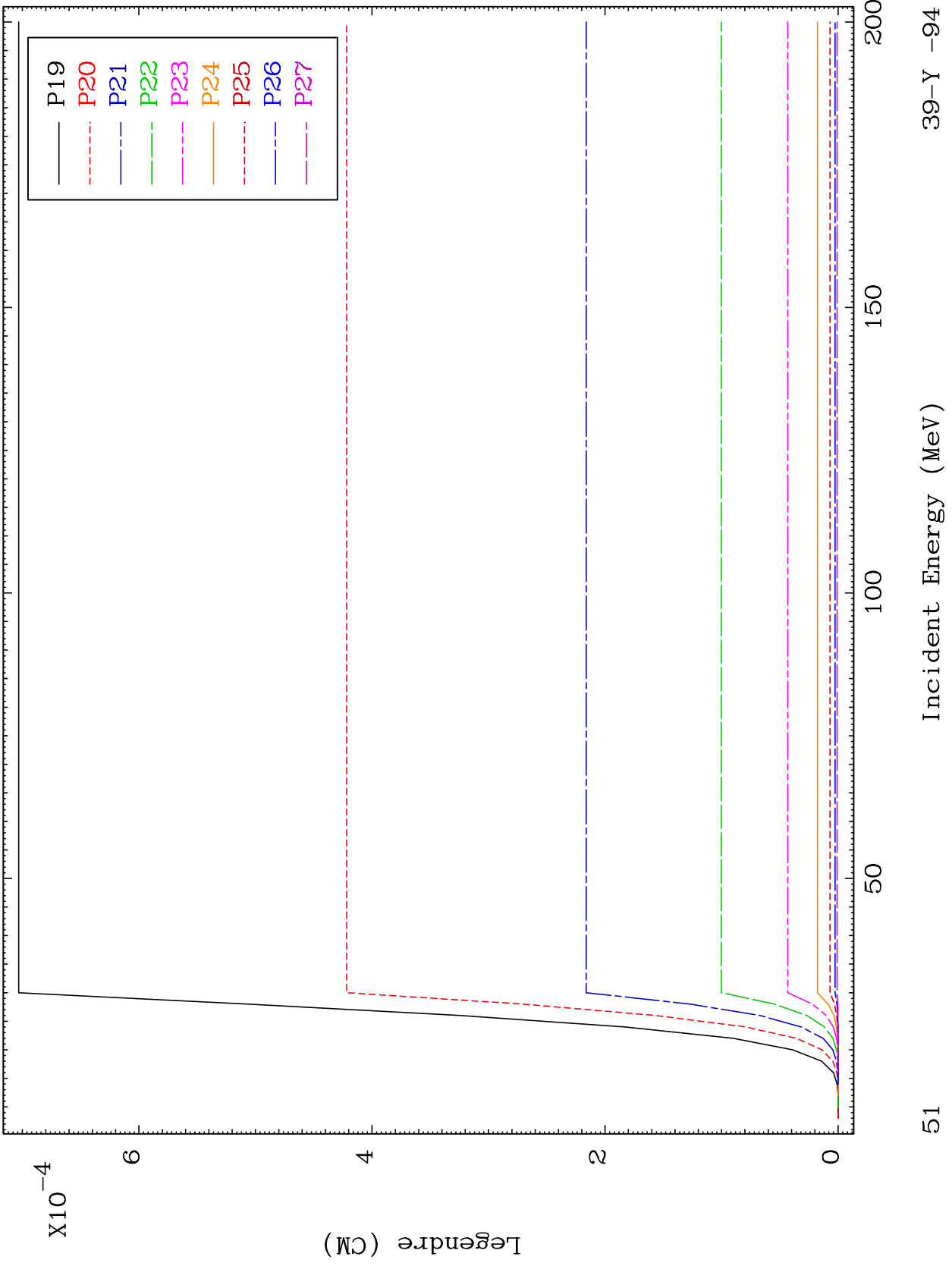
MAT 3940

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

39-Y -94



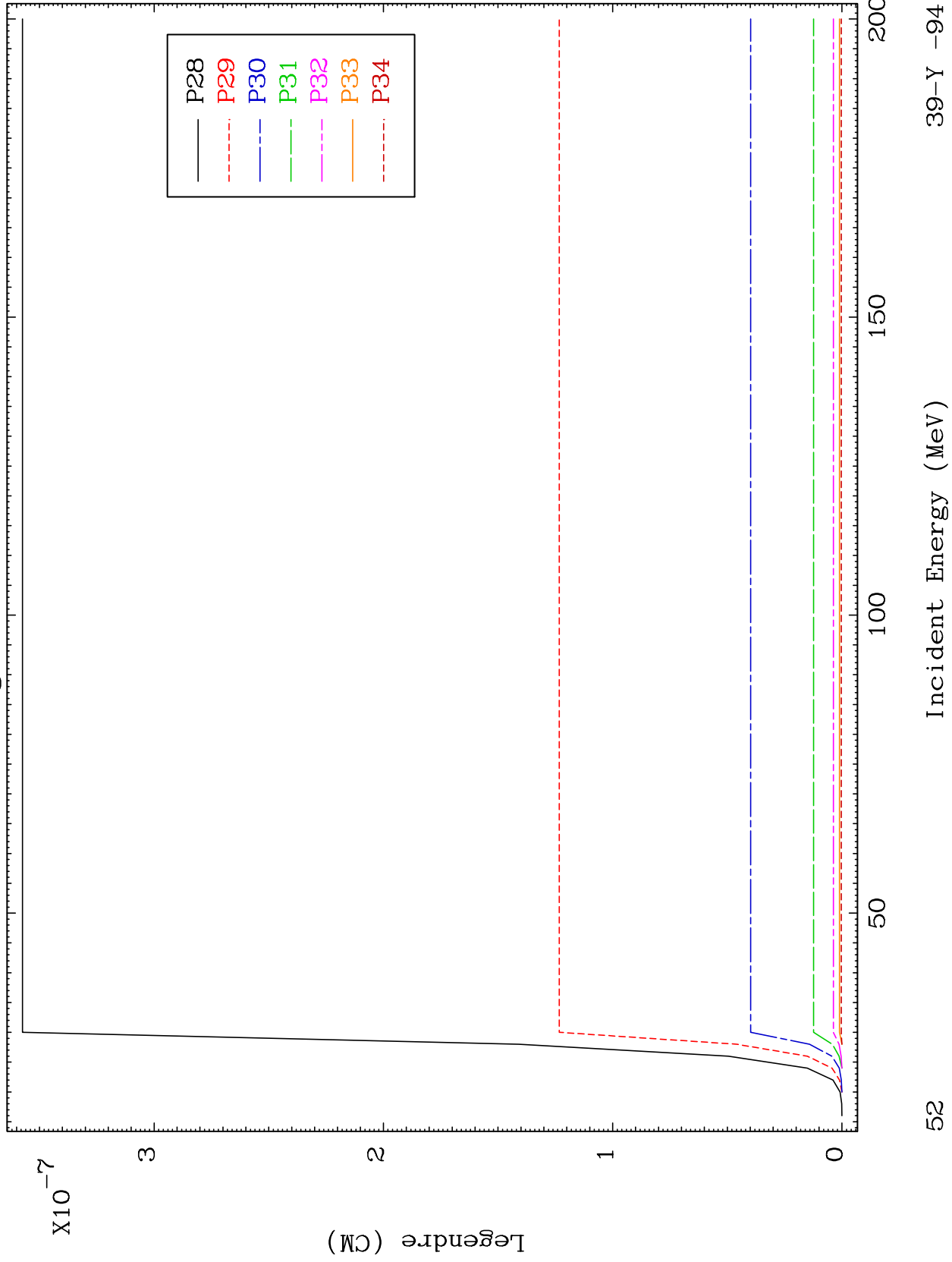
MAT 3940 MT= 60 (n,n') Level Legendre Coefficients 39-Y -94



MAT 3940

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

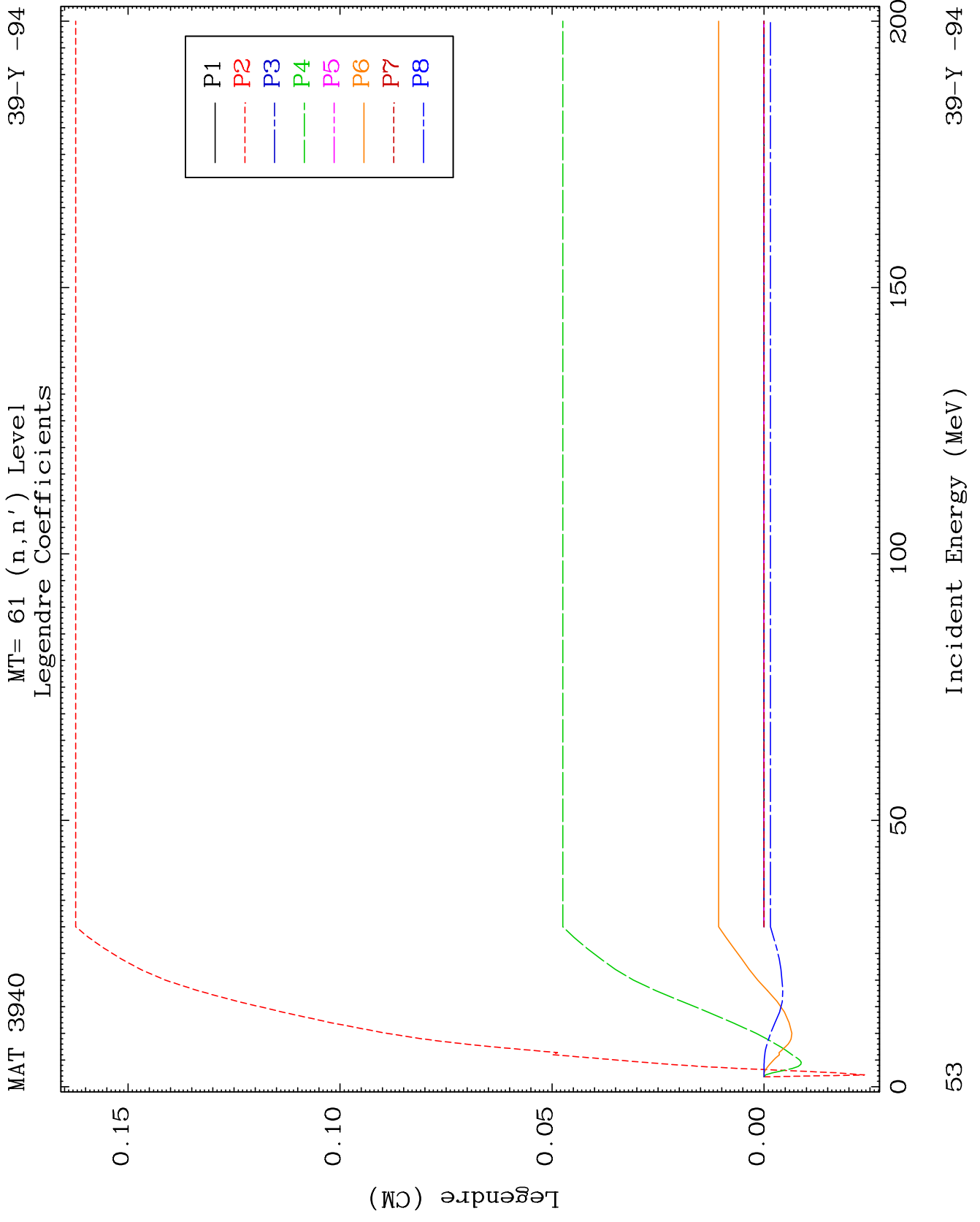
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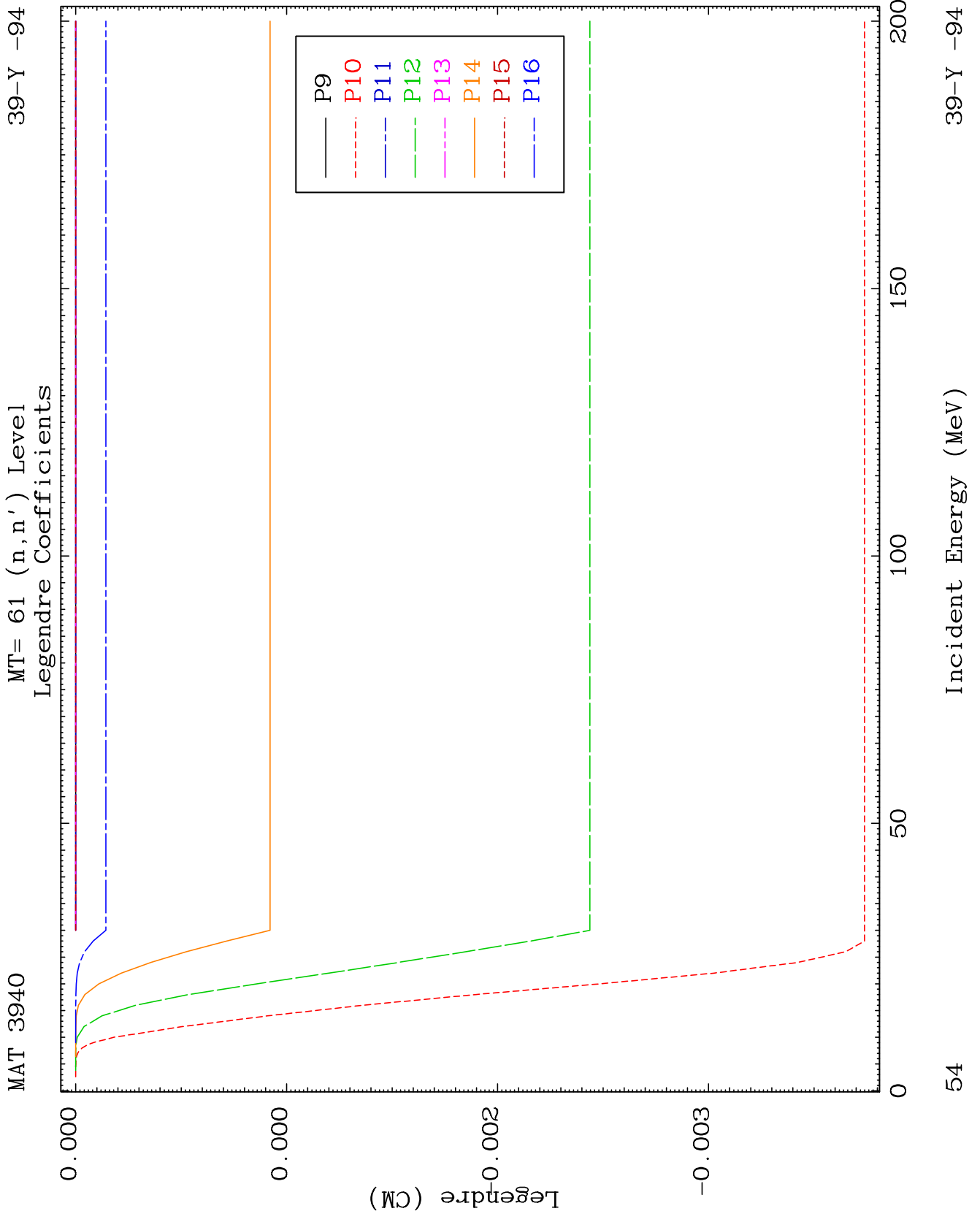


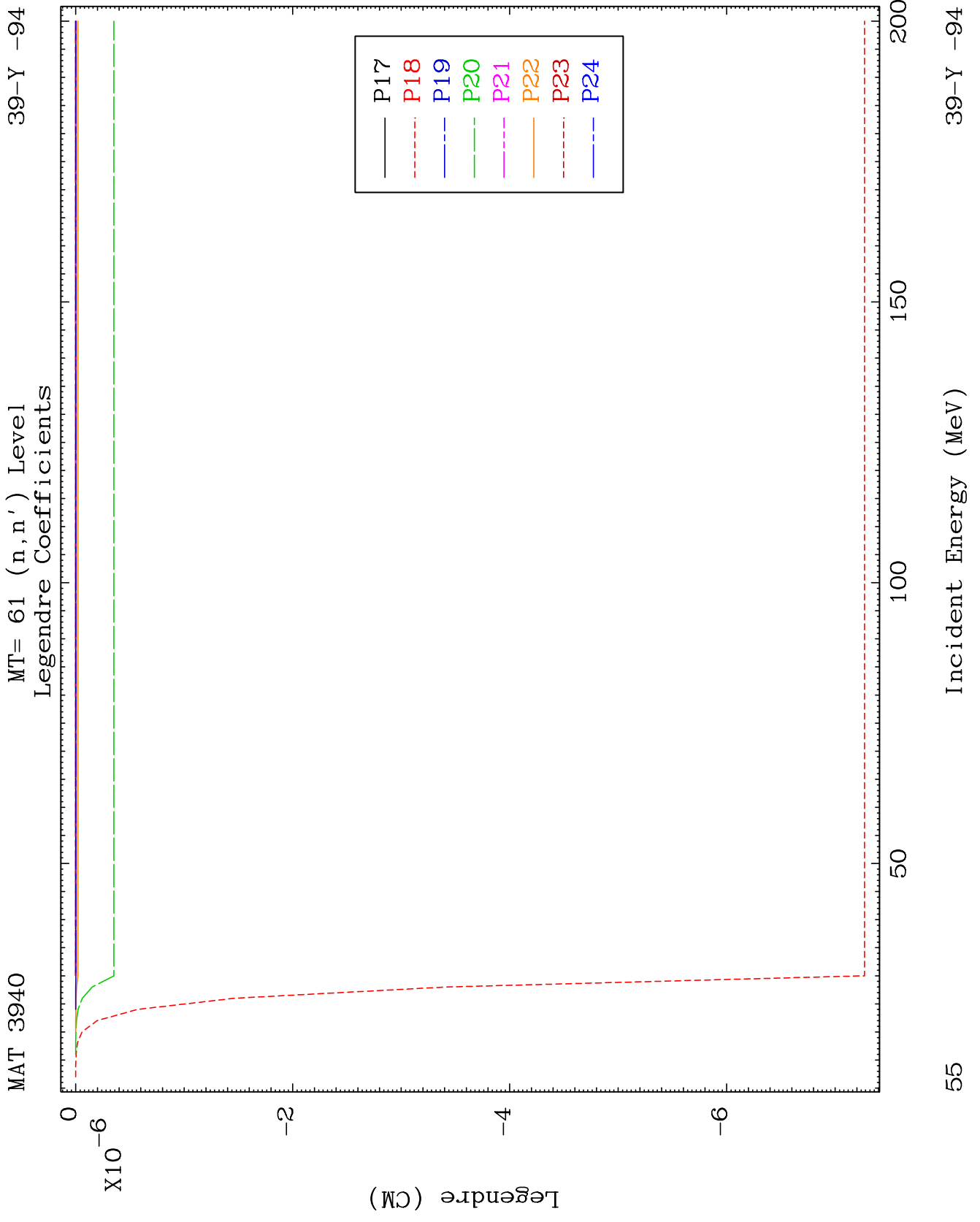
52

Incident Energy (MeV)

39-Y -94





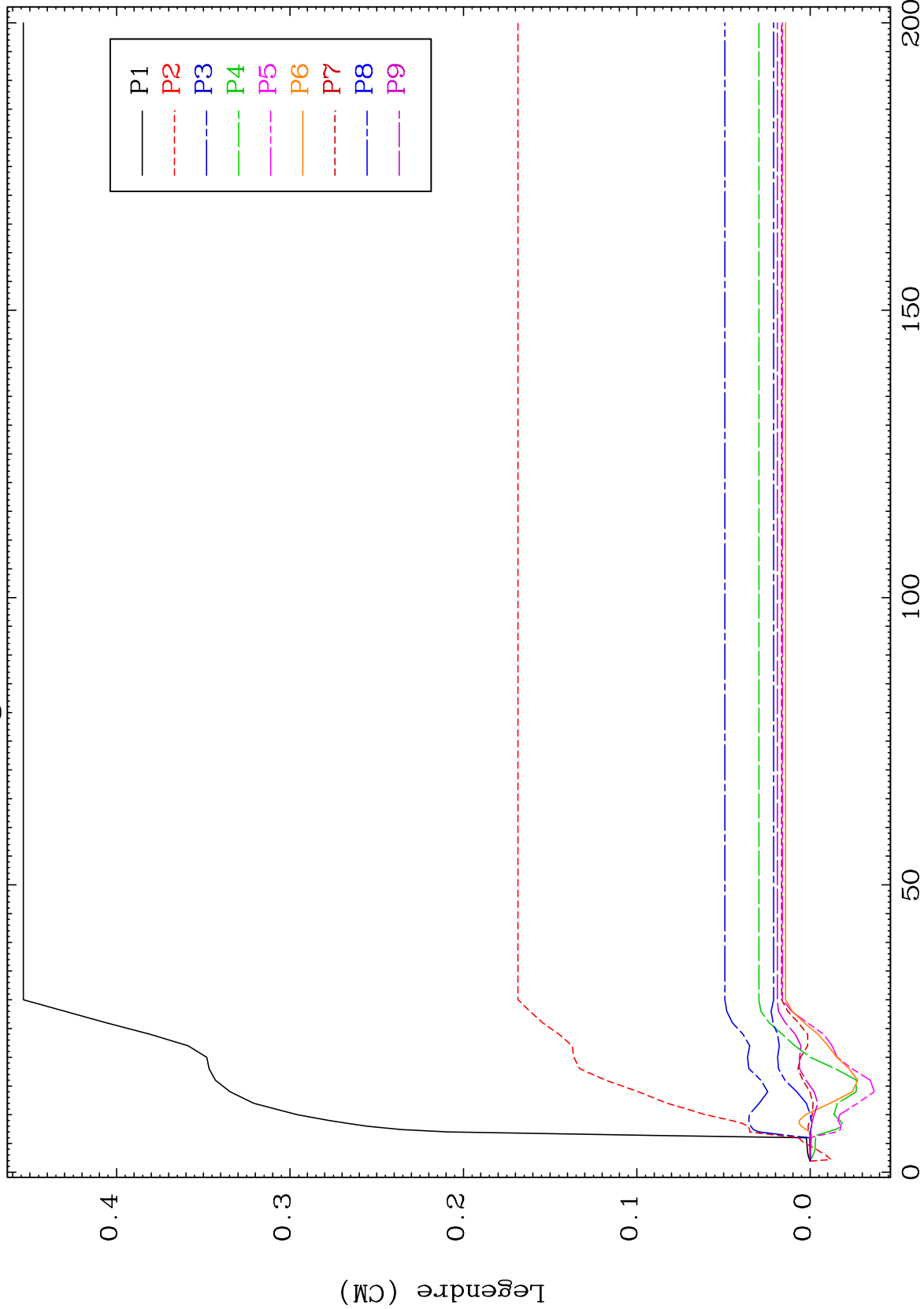




MAT 3940

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

39-Y -94



56

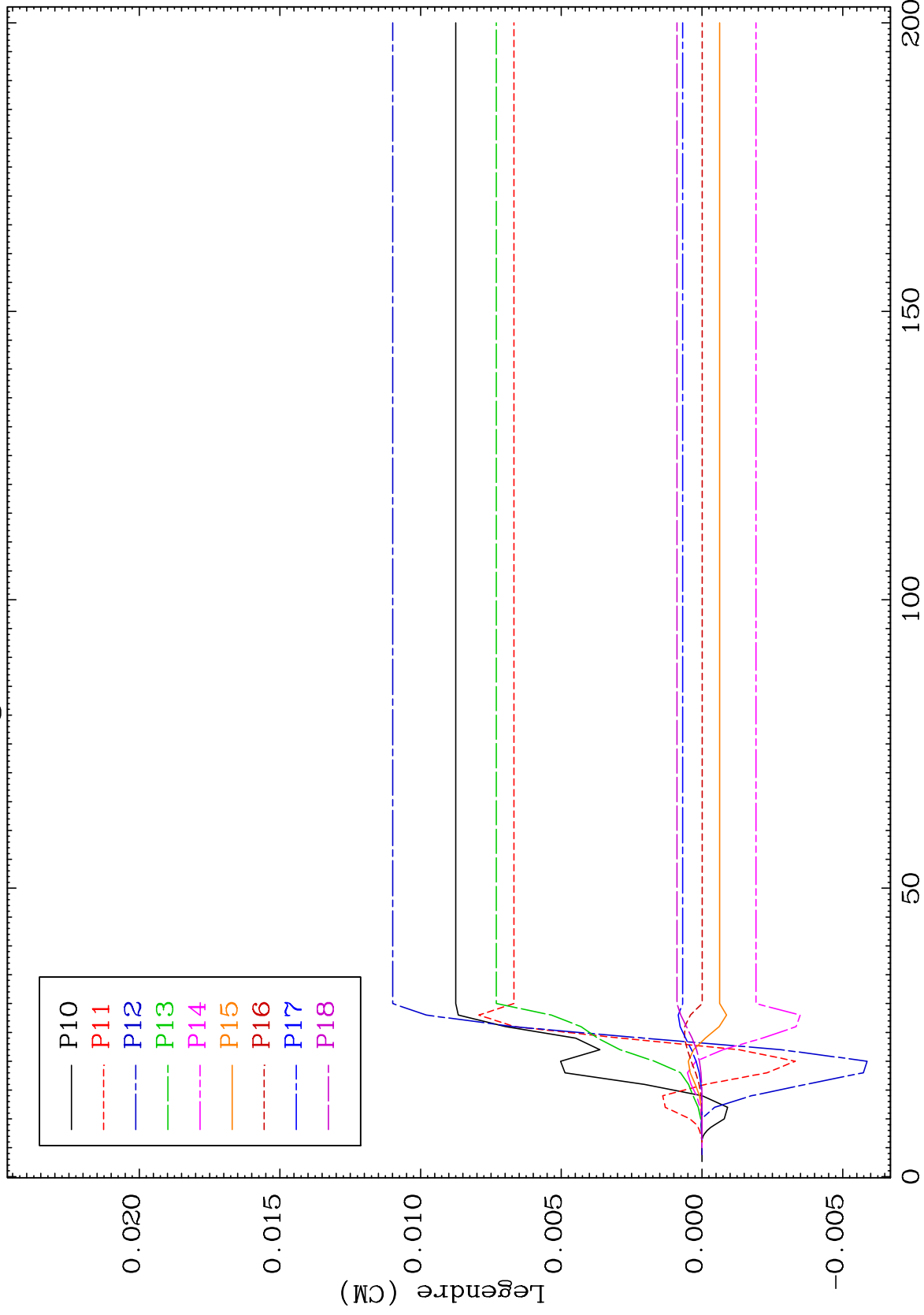
Incident Energy (MeV)

39-Y -94

MAT 3940

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

39-Y -94



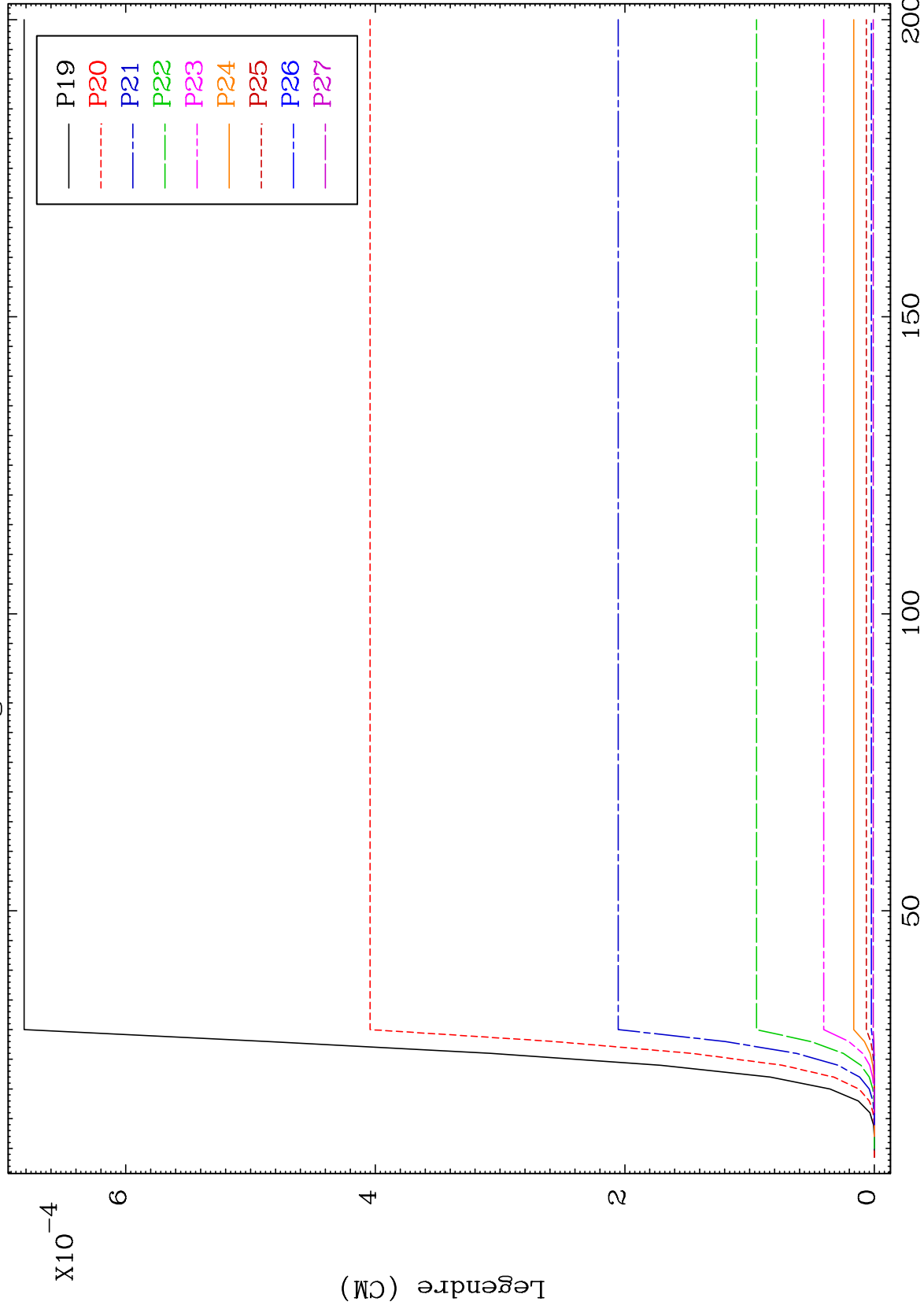
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39-Y -94

MAT 3940

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

39-Y -94



58

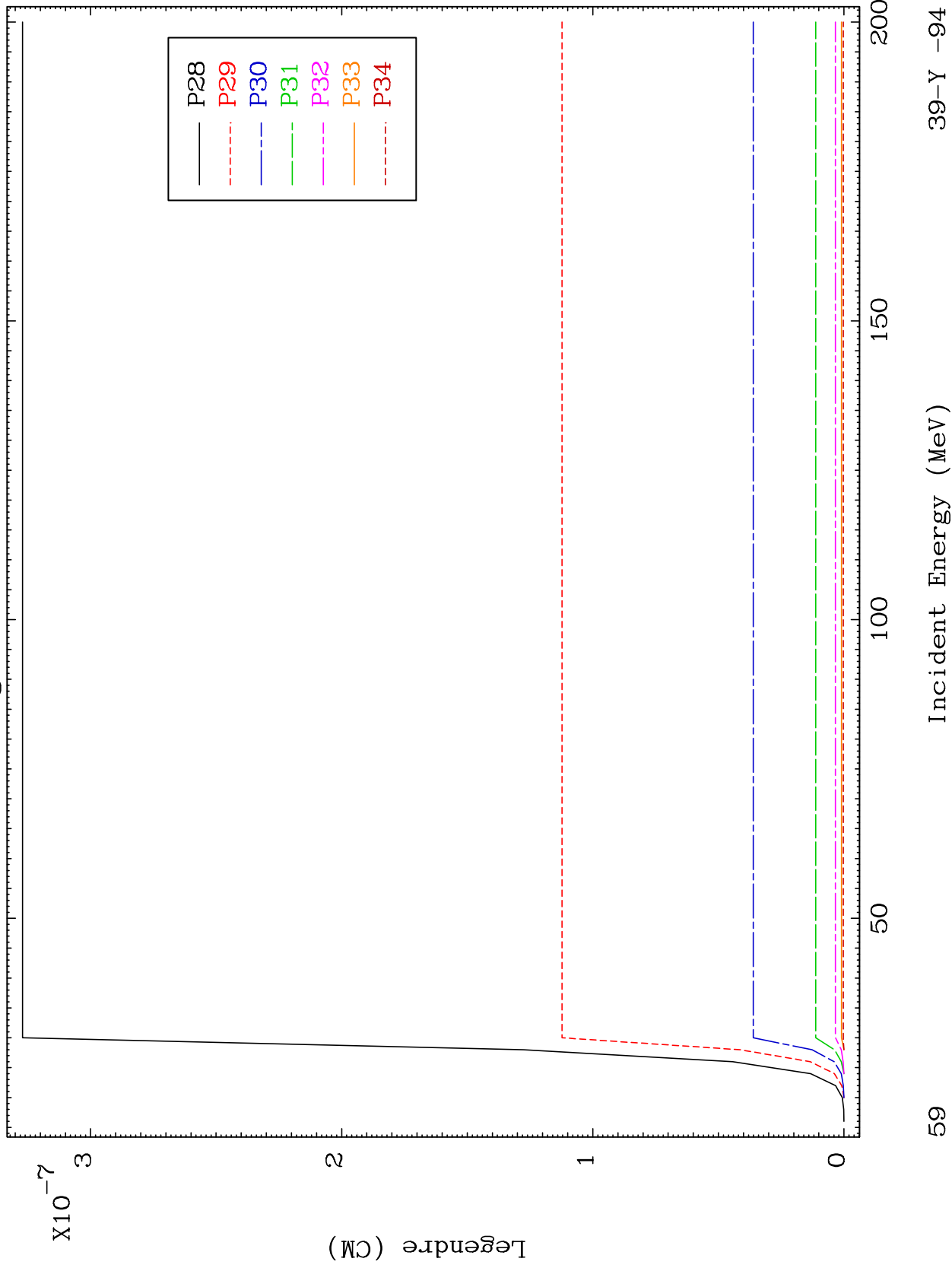
Incident Energy (MeV)

39-Y -94

MAT 3940

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

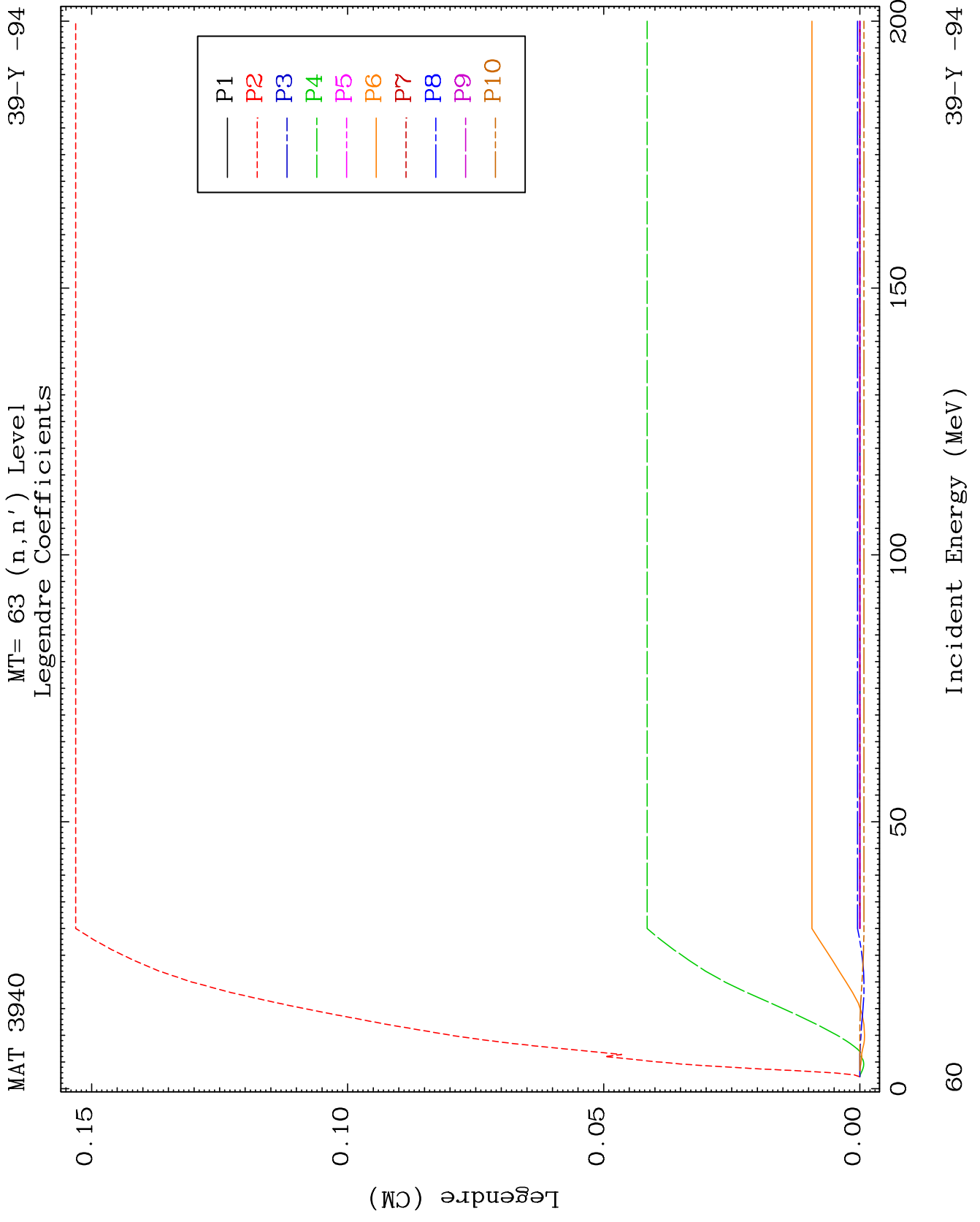
39-Y -94



59

Incident Energy (MeV)

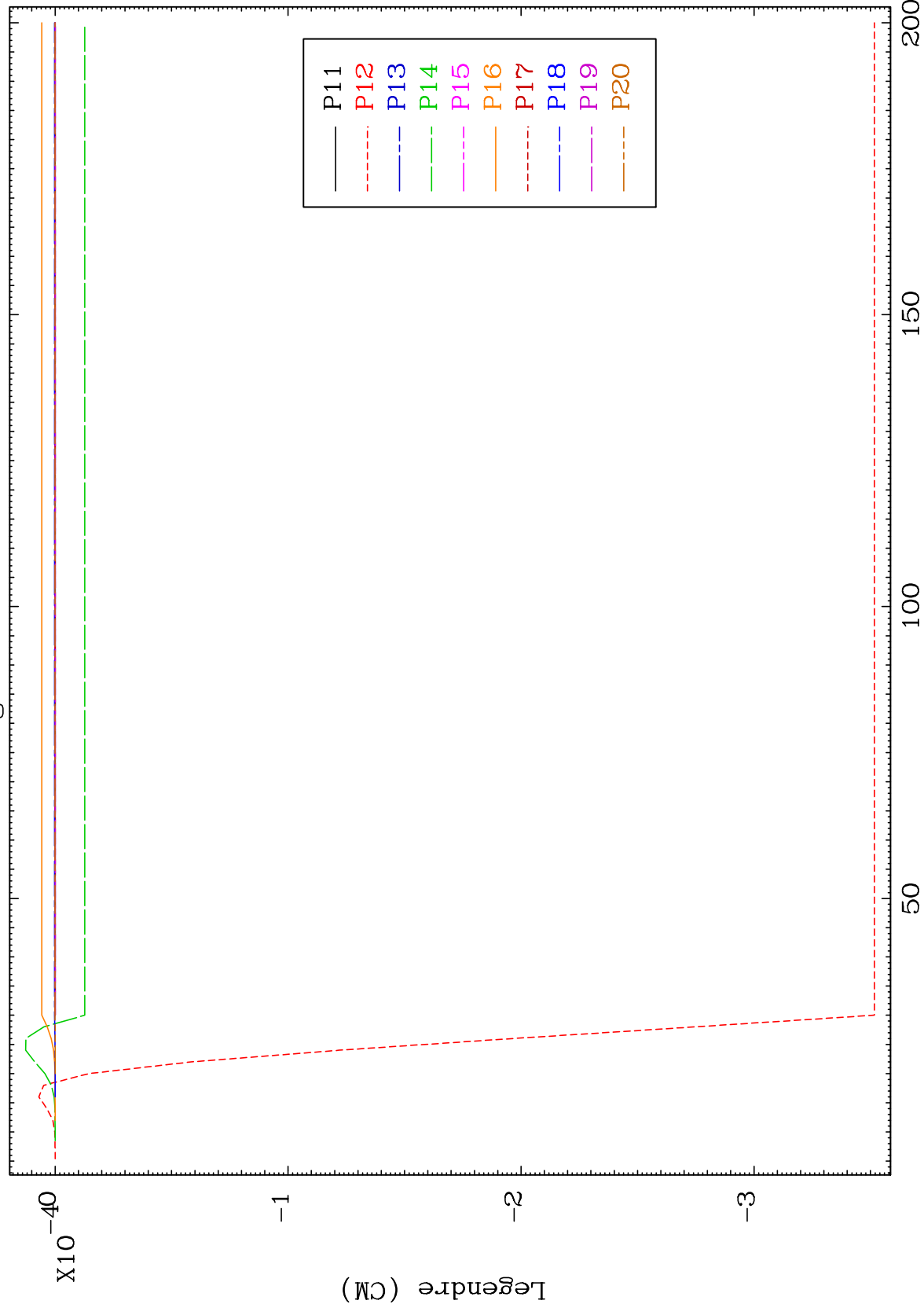
39-Y -94



MAT 3940

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

39-Y -94



61

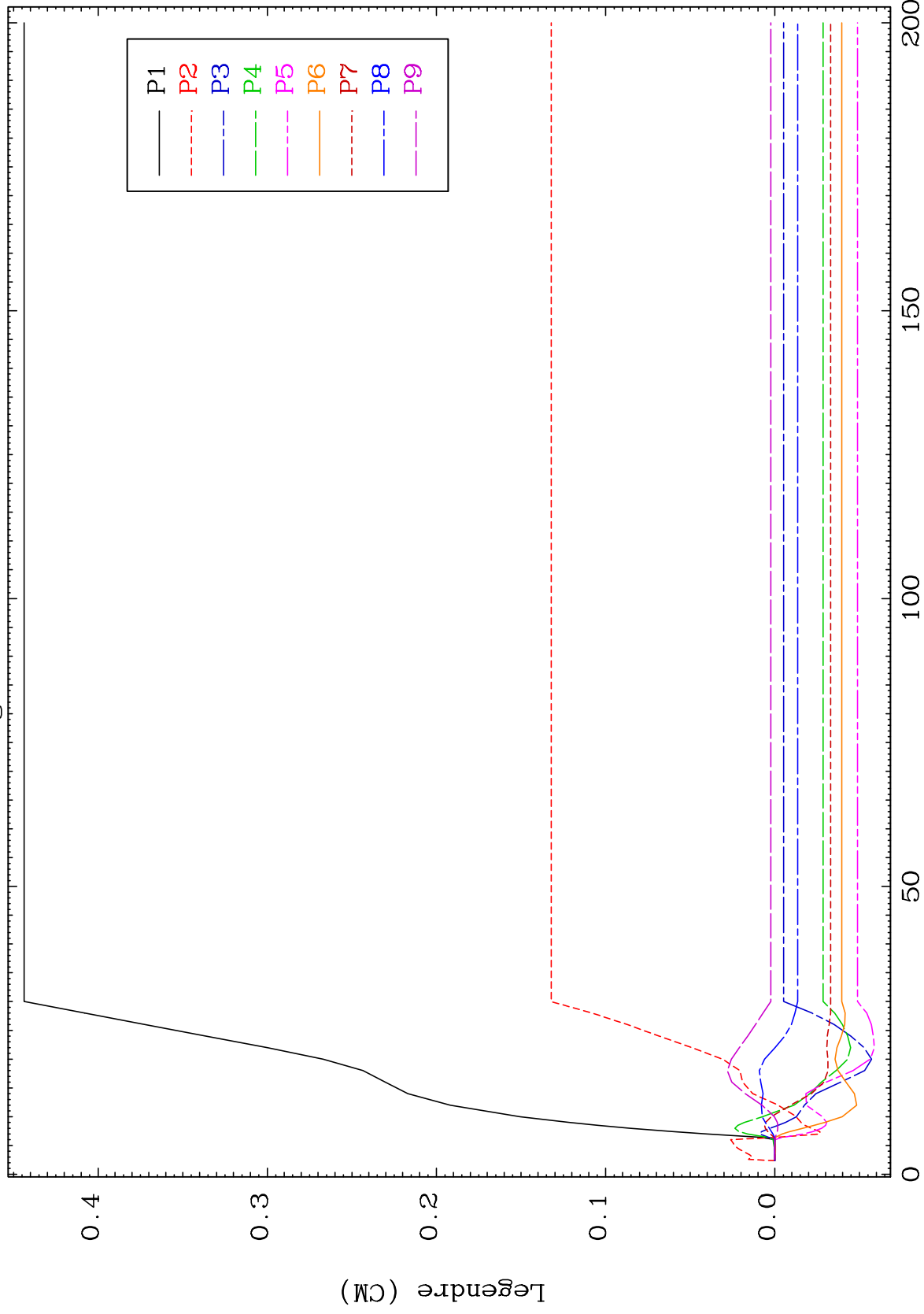
Incident Energy (MeV)

39-Y -94

MAT 3940

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

39-Y -94



62

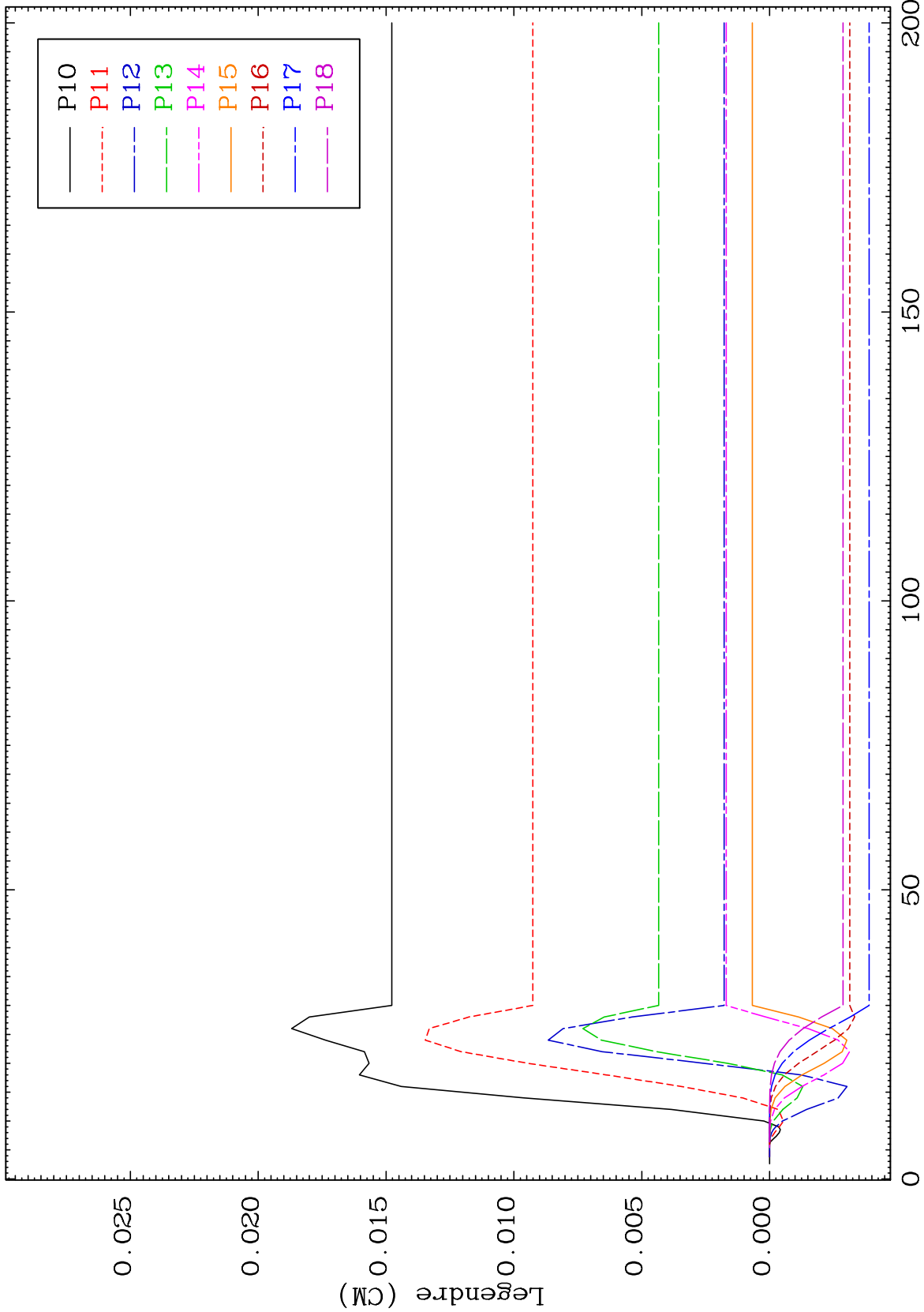
Incident Energy (MeV)

39-Y -94

MAT 3940

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

39-Y -94

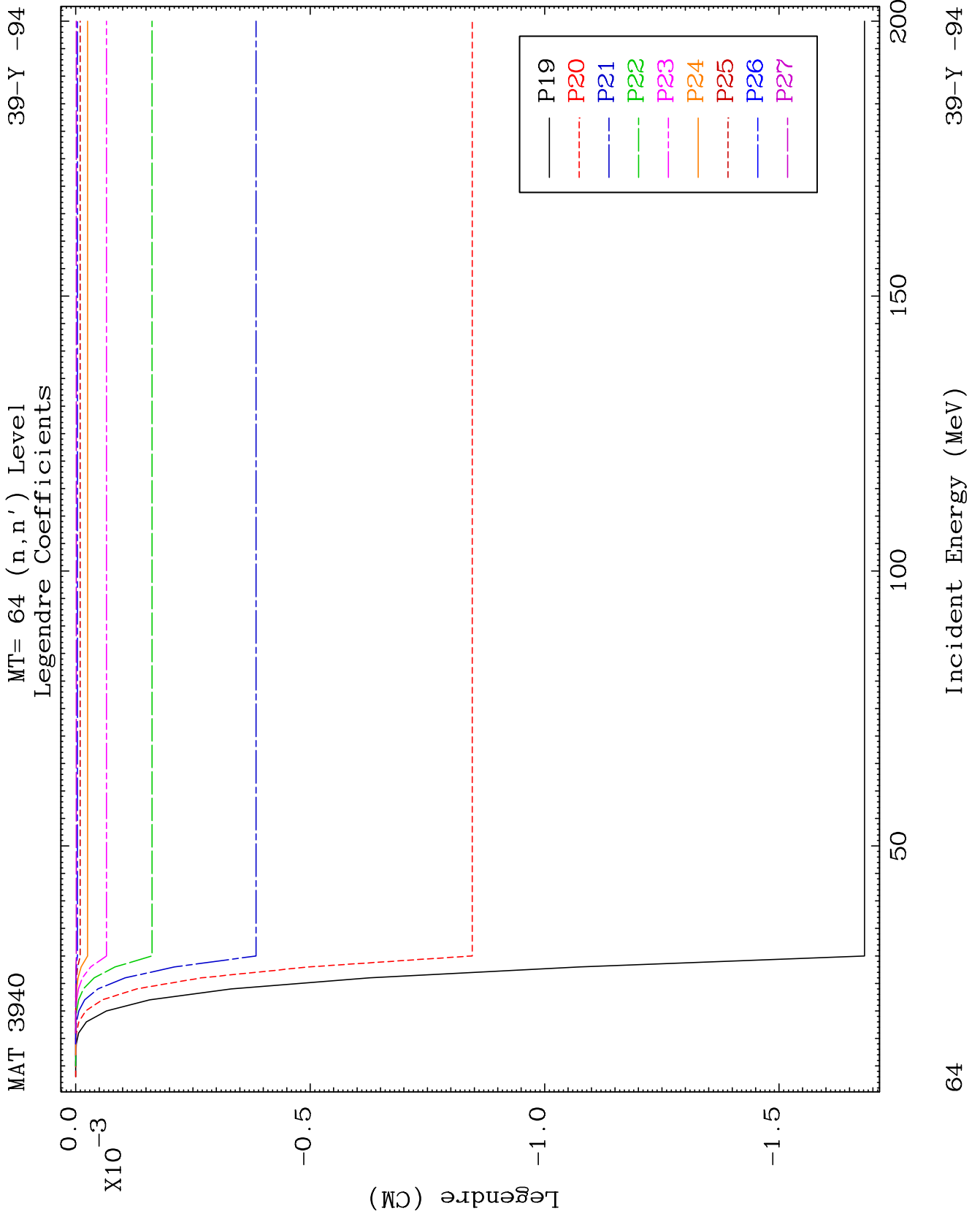


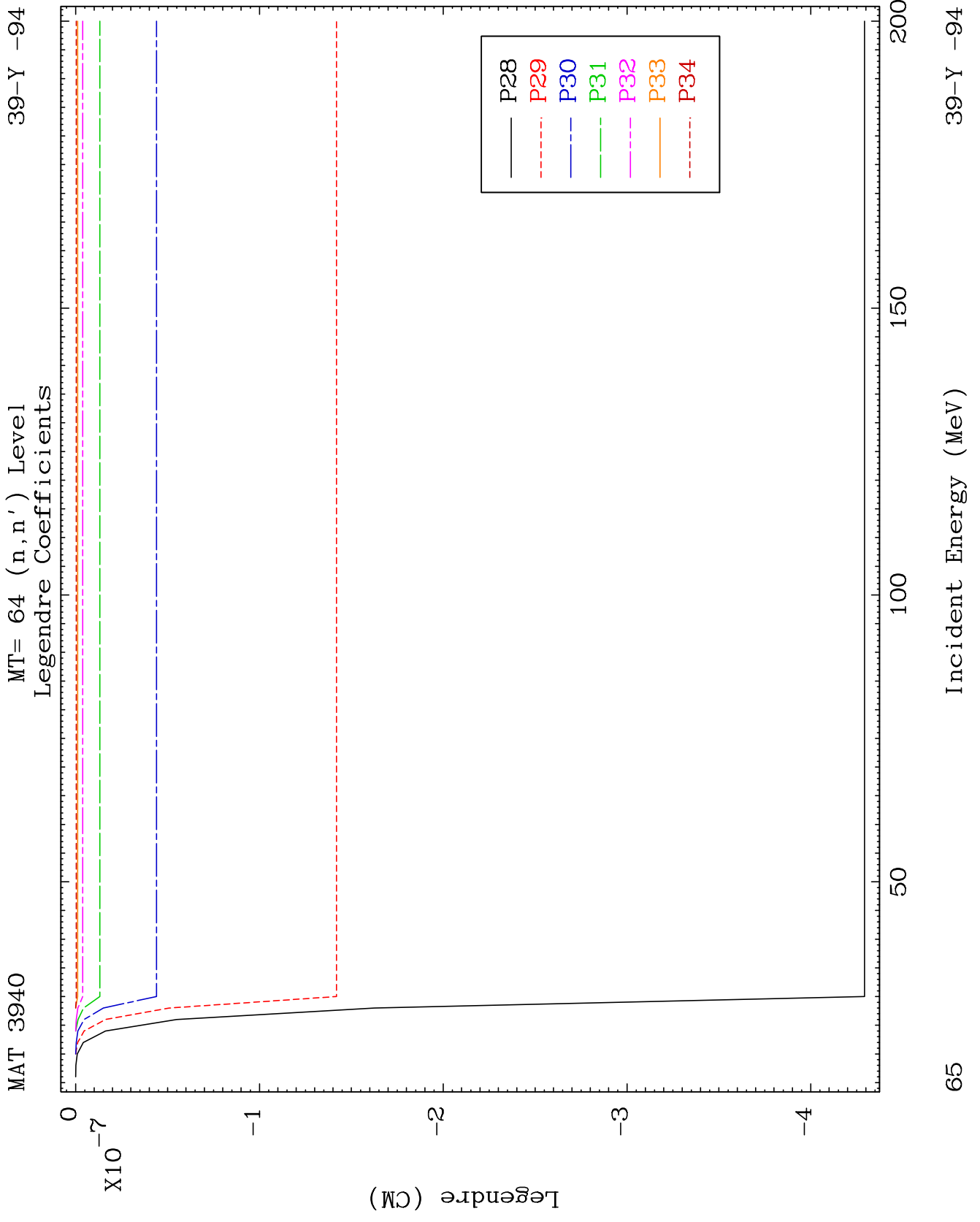
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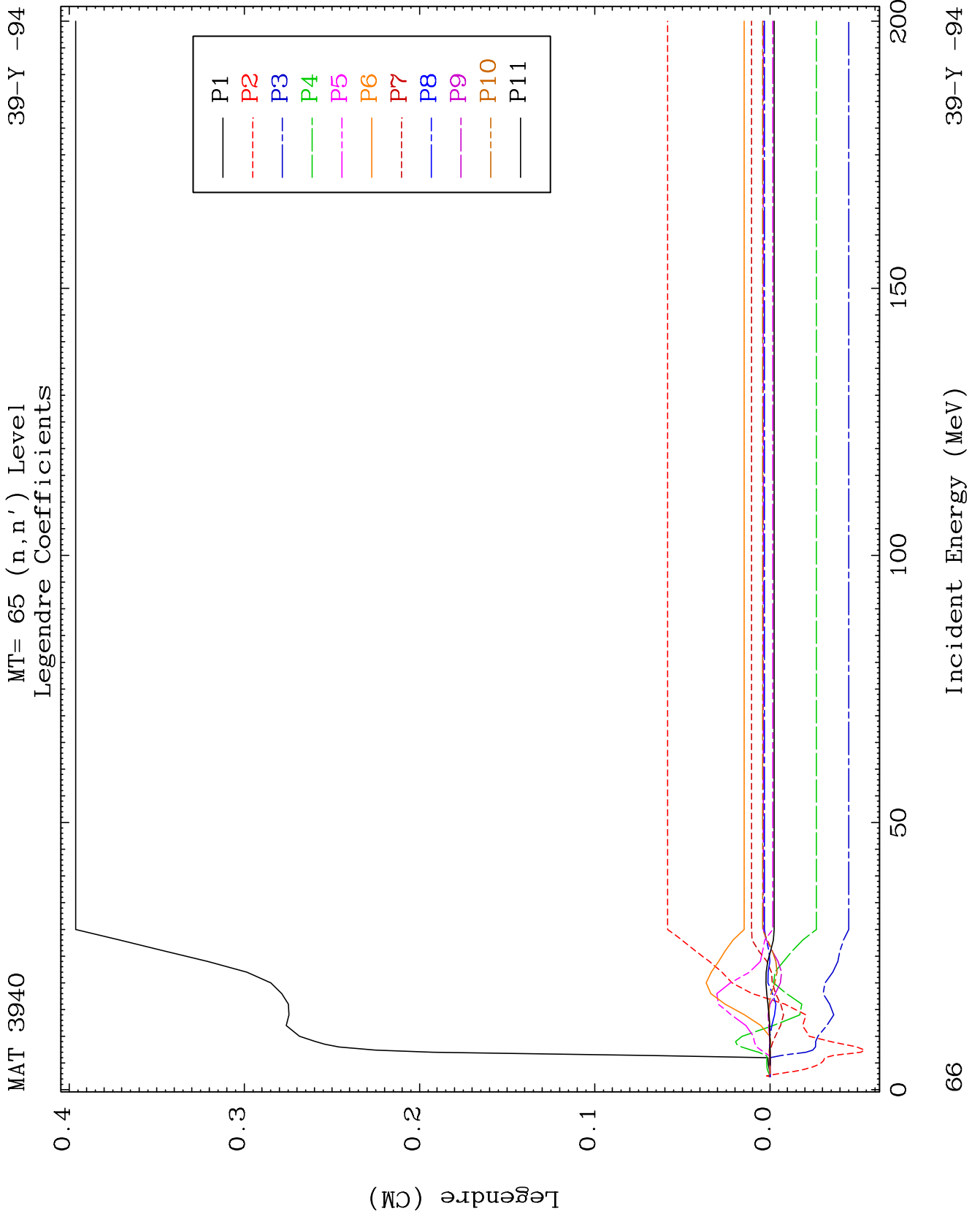
Incident Energy (MeV)

39-Y -94





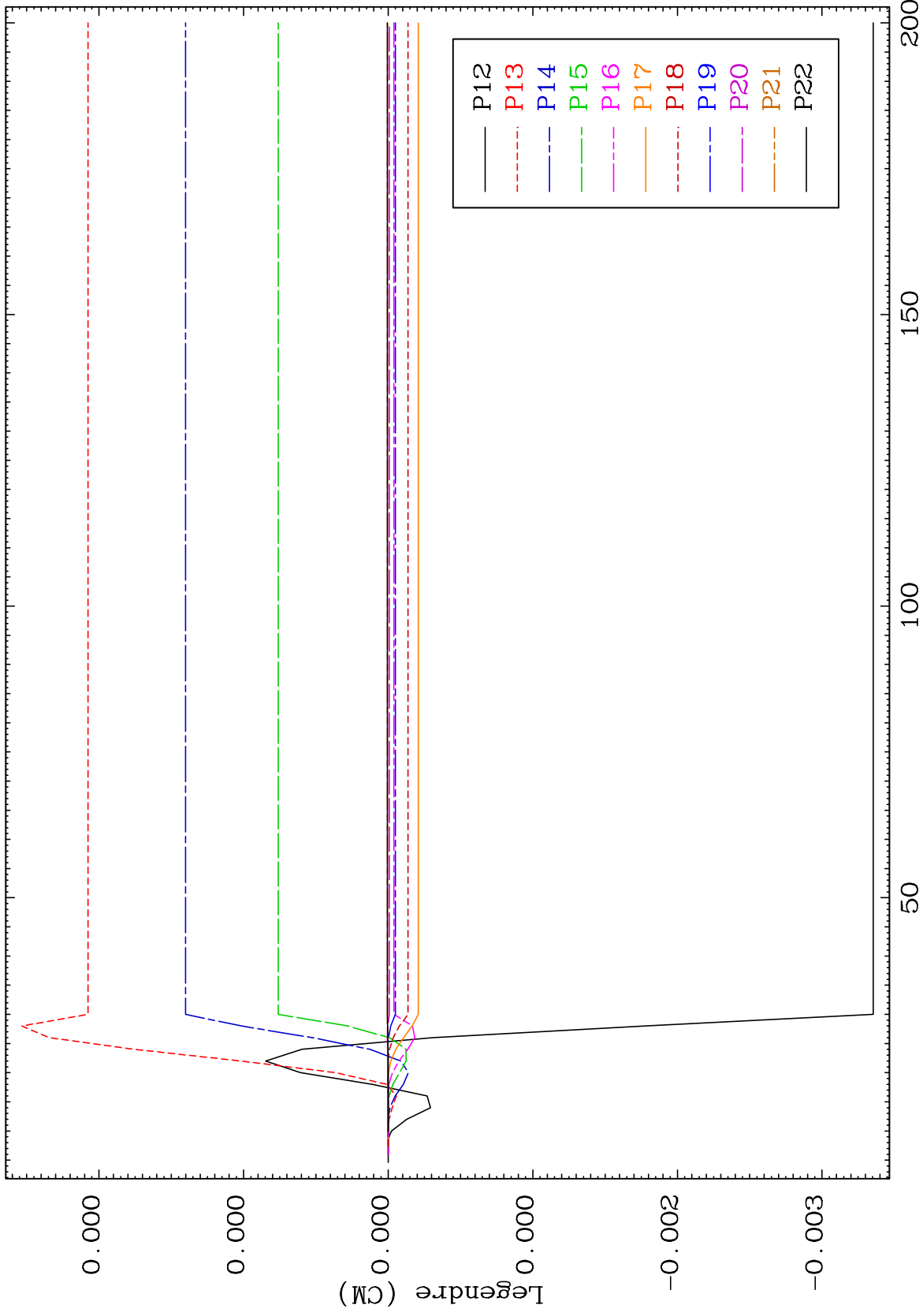




MAT 3940

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

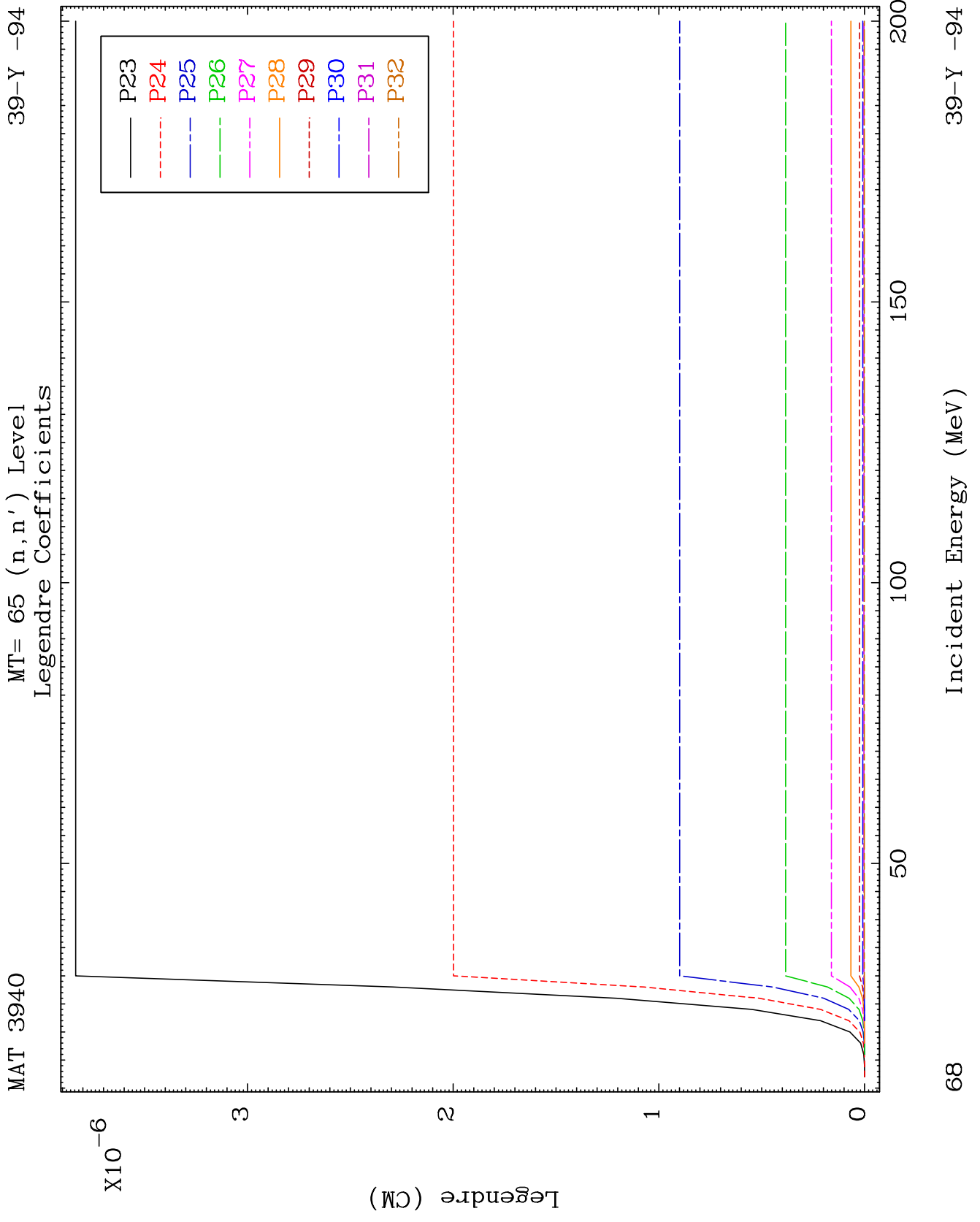
39-Y -94



67

Incident Energy (MeV)

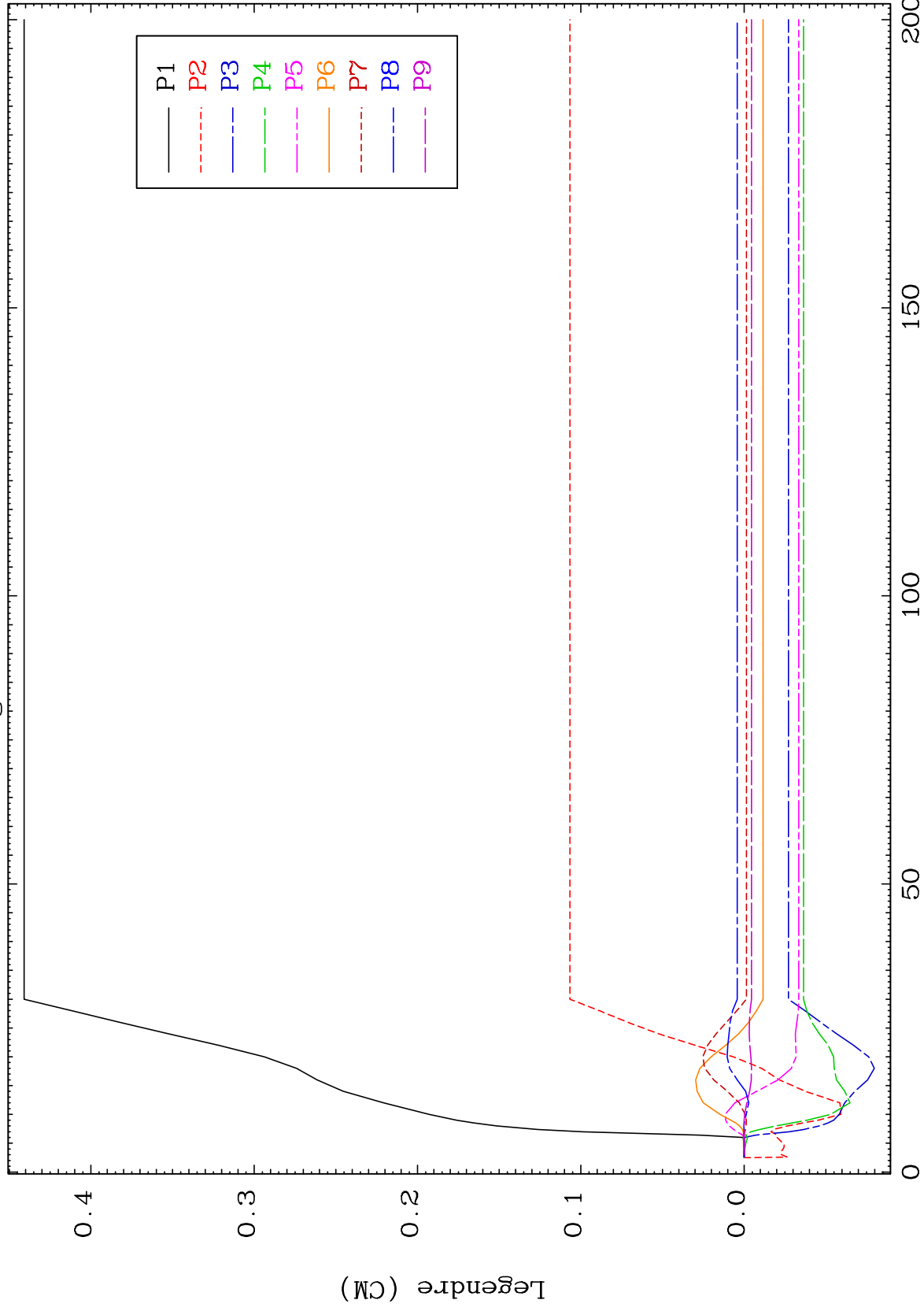
39-Y -94



MAT 3940

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

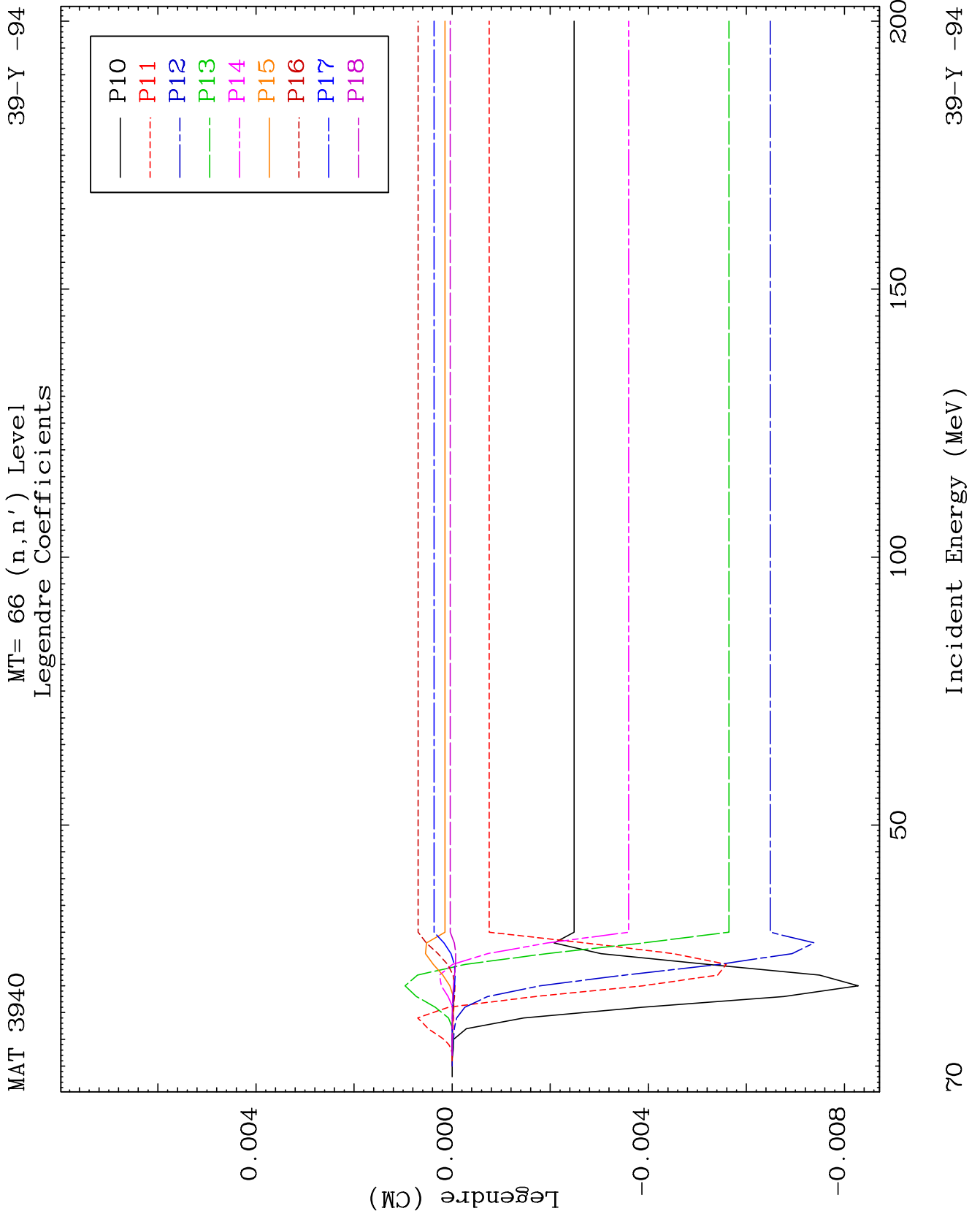
39-Y -94



69

Incident Energy (MeV)

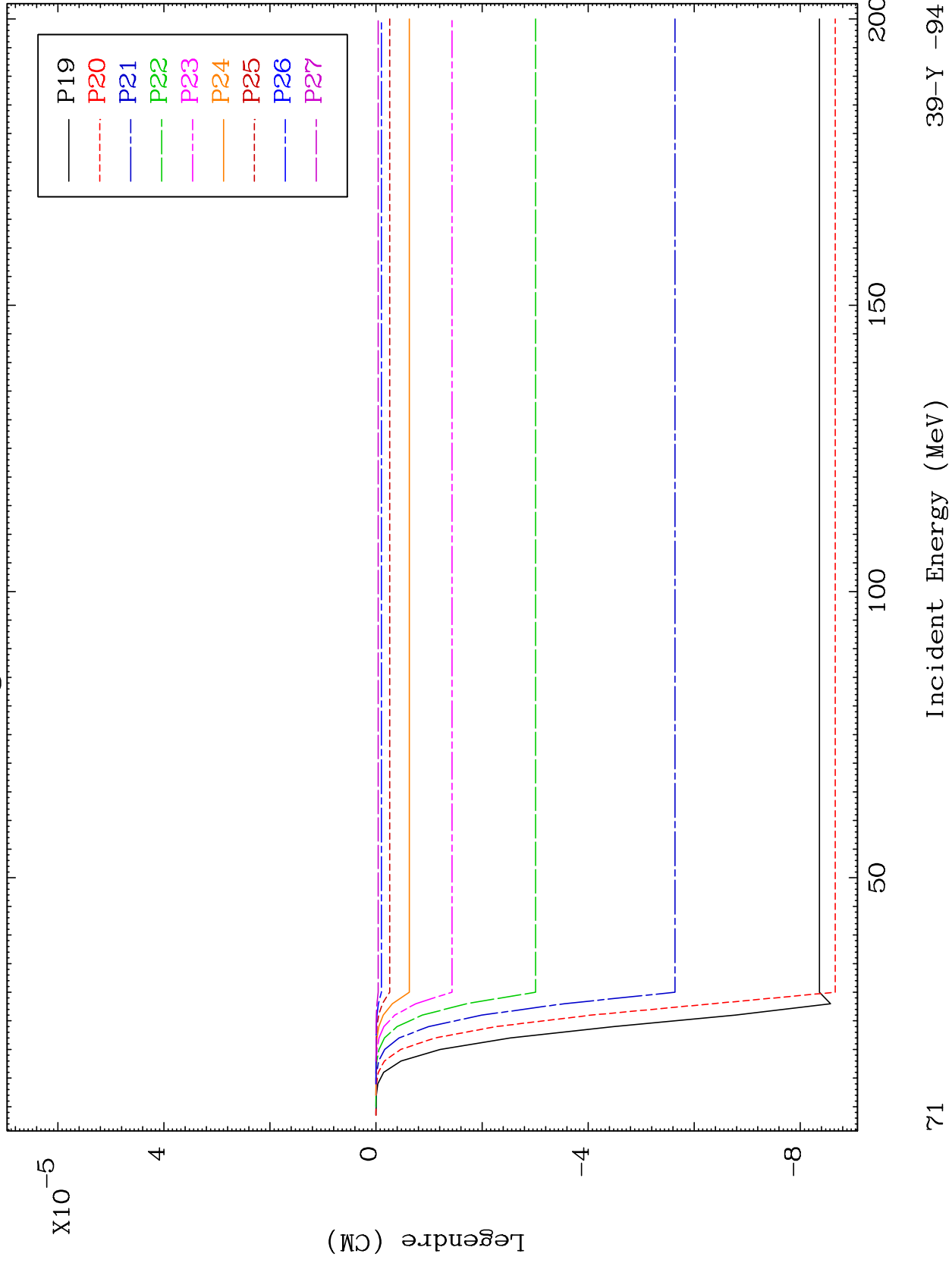
39-Y -94



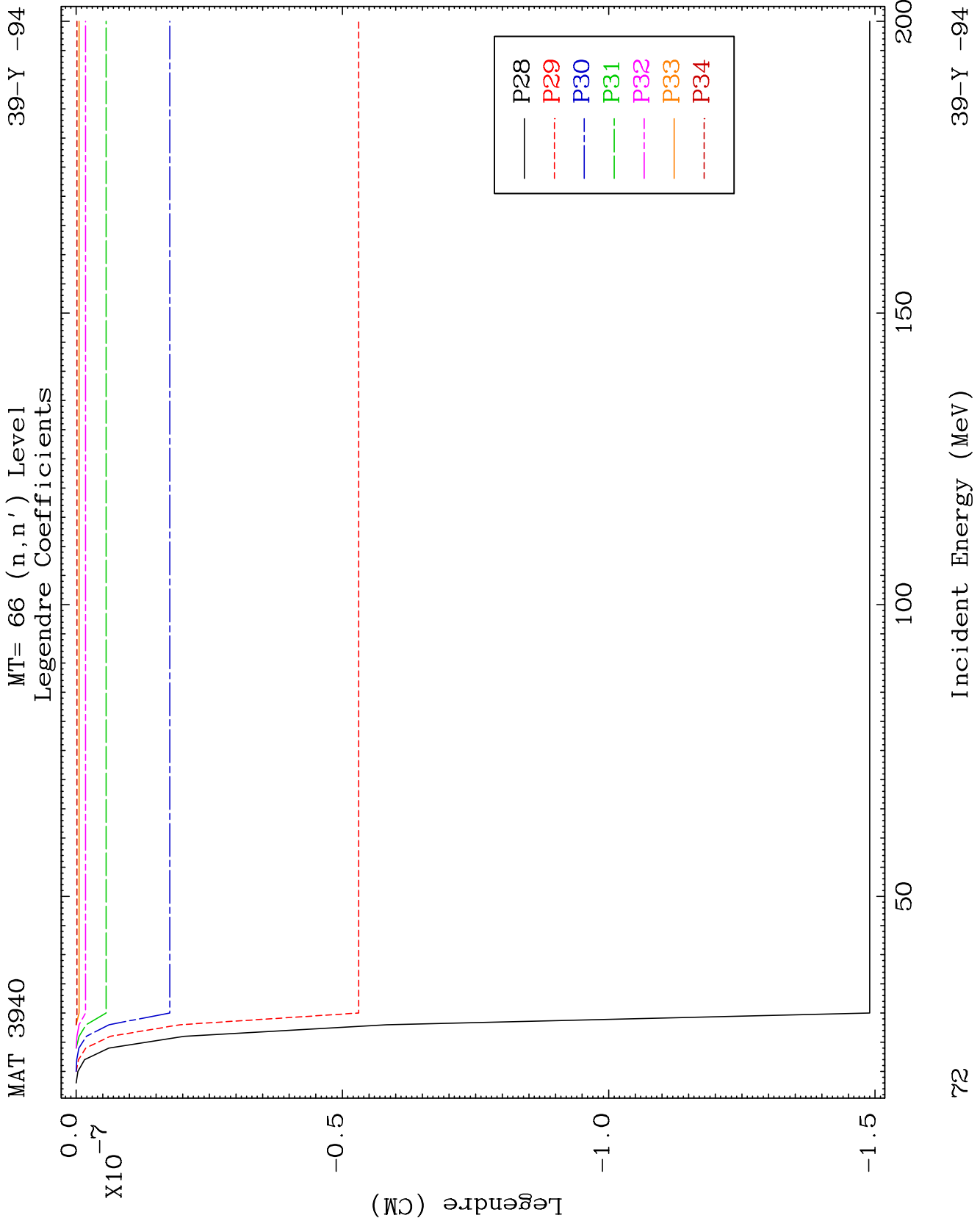
MAT 3940

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

39-Y -94



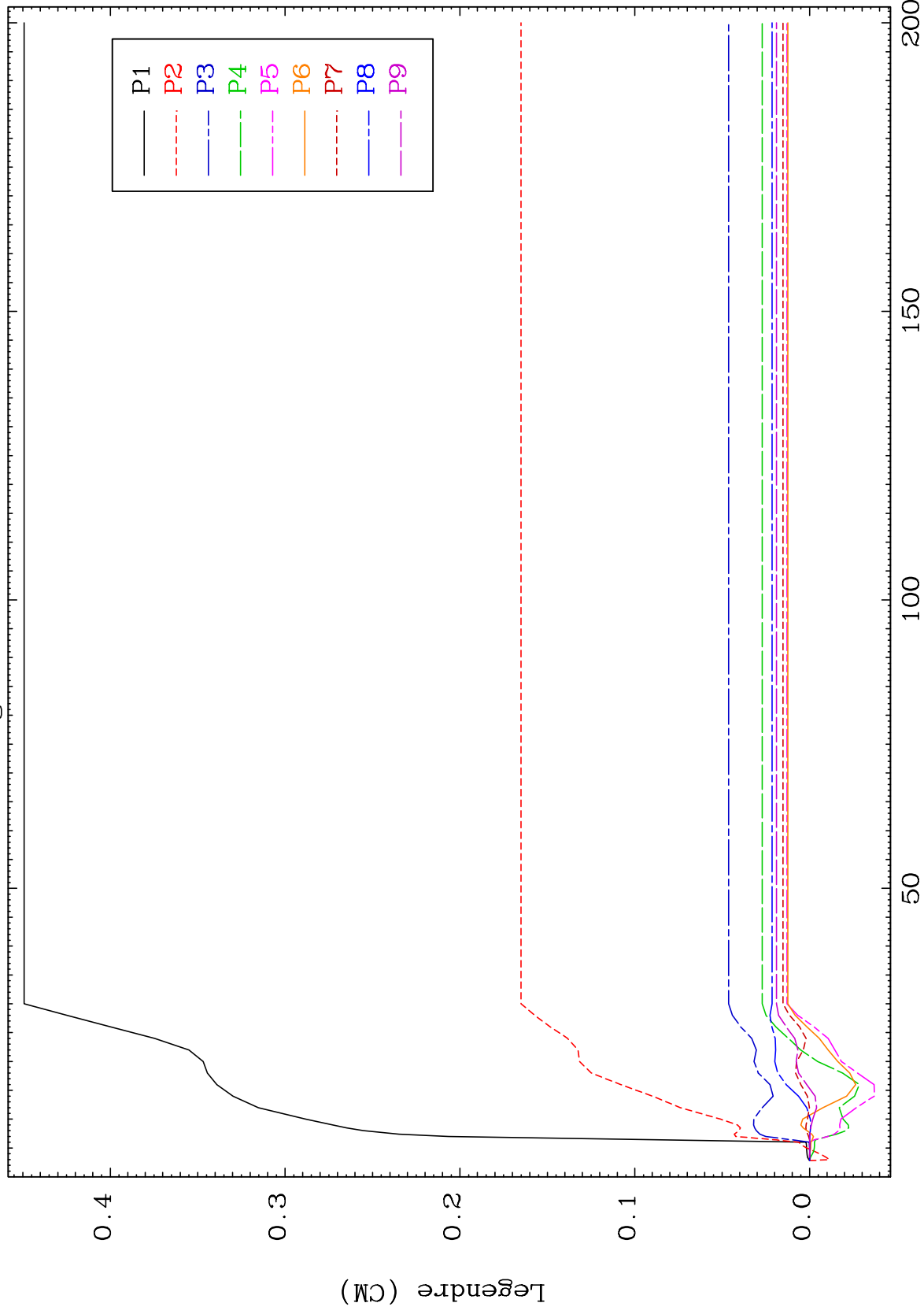




MAT 3940

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

39-Y -94



73

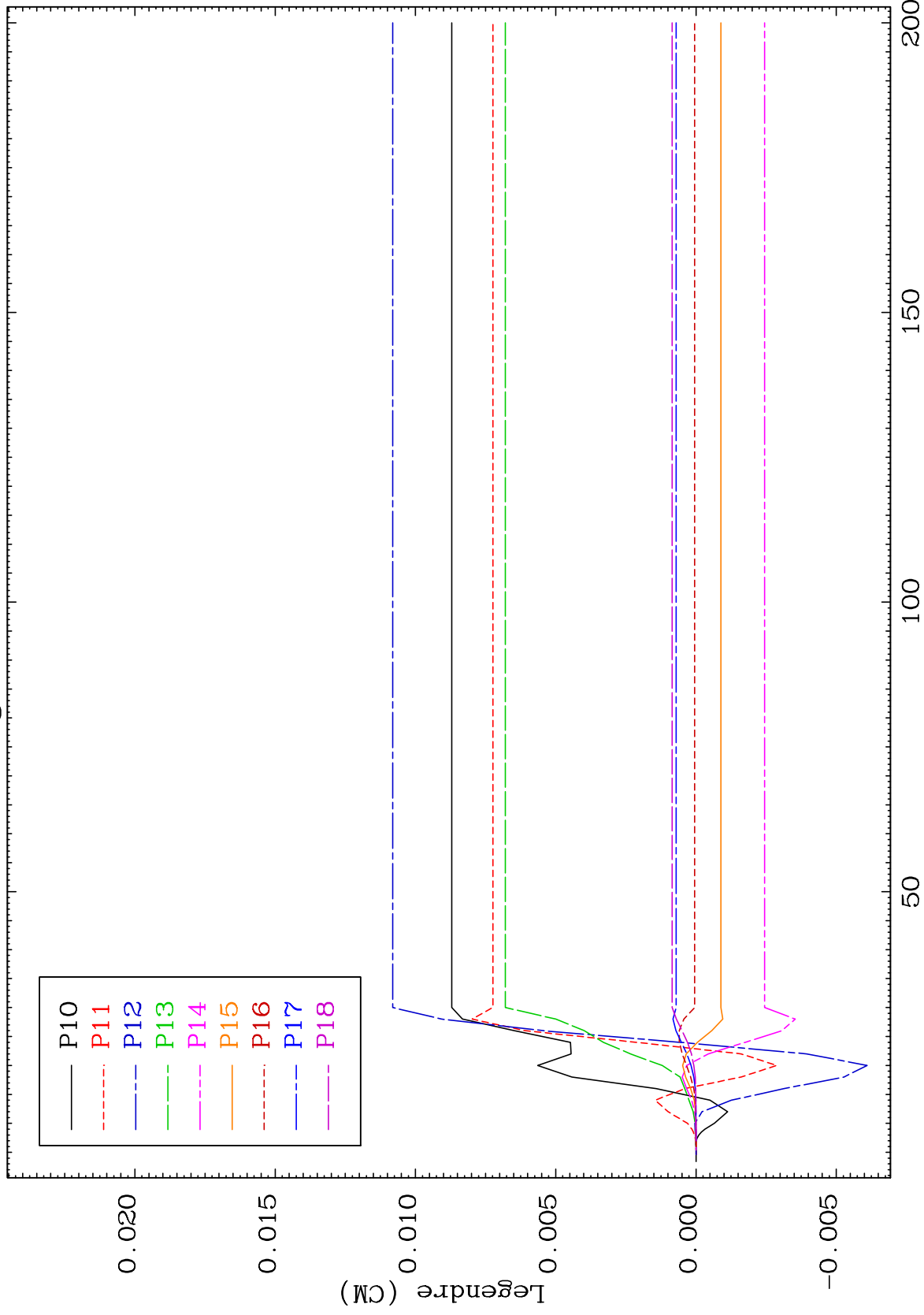
Incident Energy (MeV)

39-Y -94

MAT 3940

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

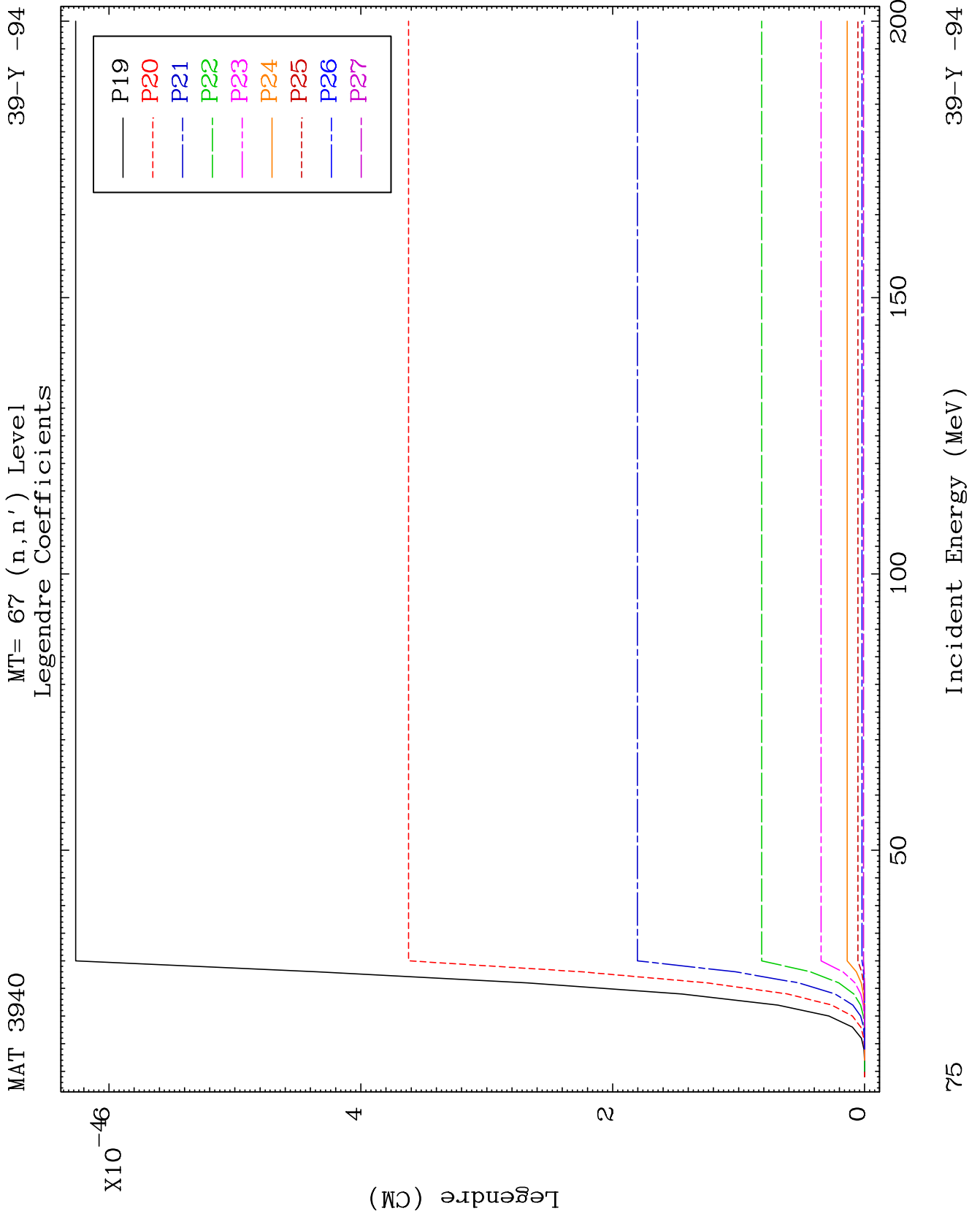
39-Y -94



74

Incident Energy (MeV)

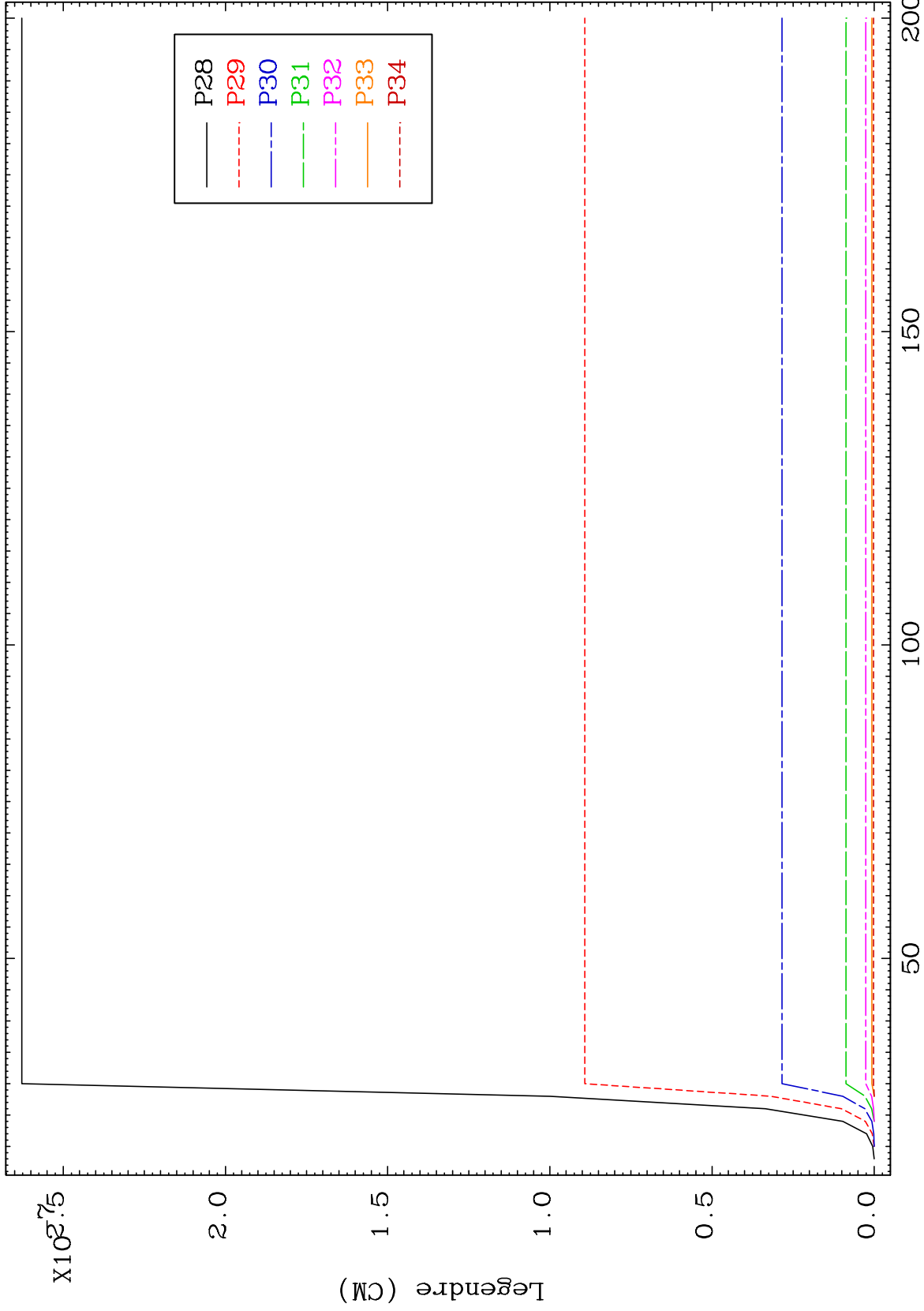
39-Y -94



MAT 3940

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

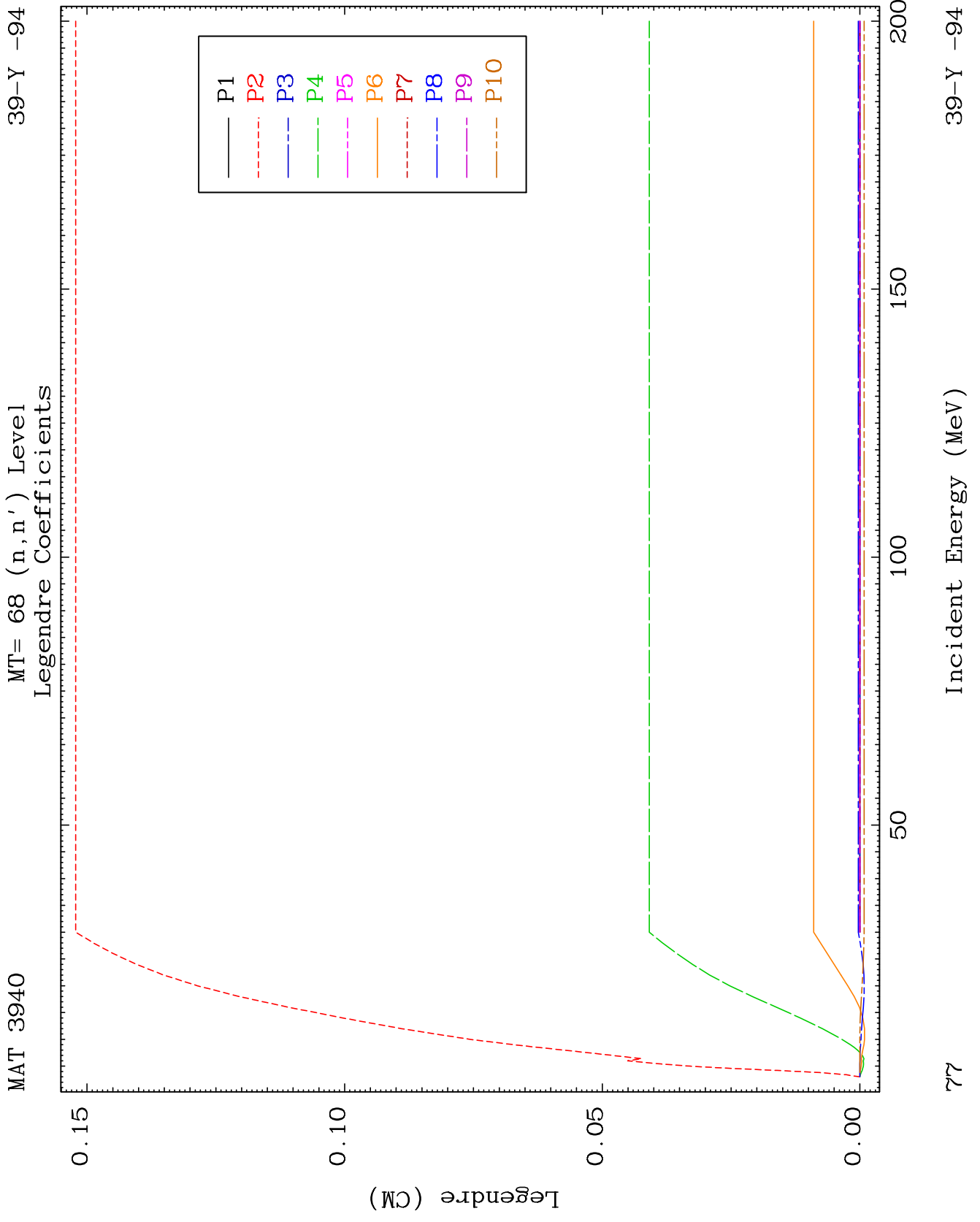
39-Y -94

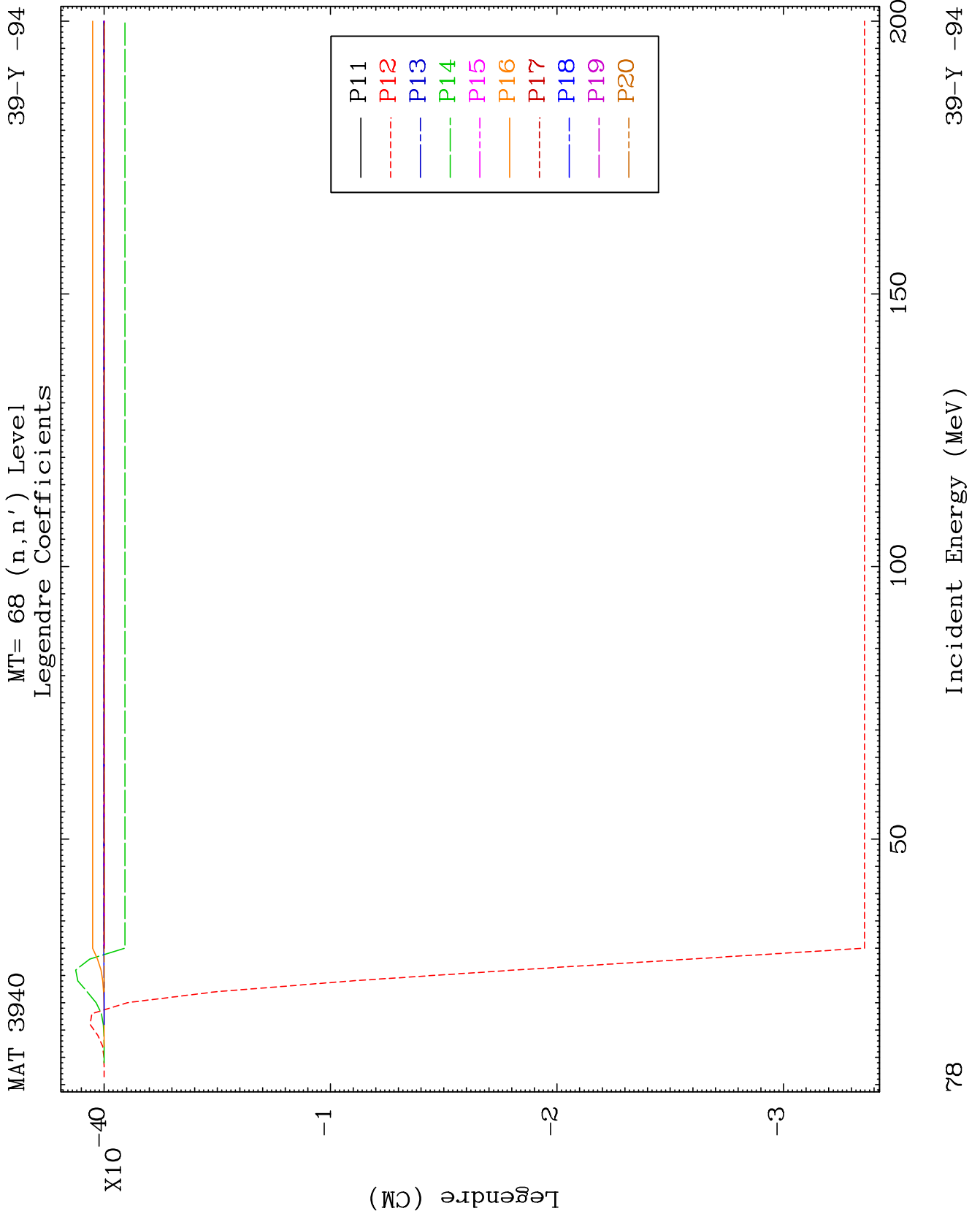


76

Incident Energy (MeV)

39-Y -94

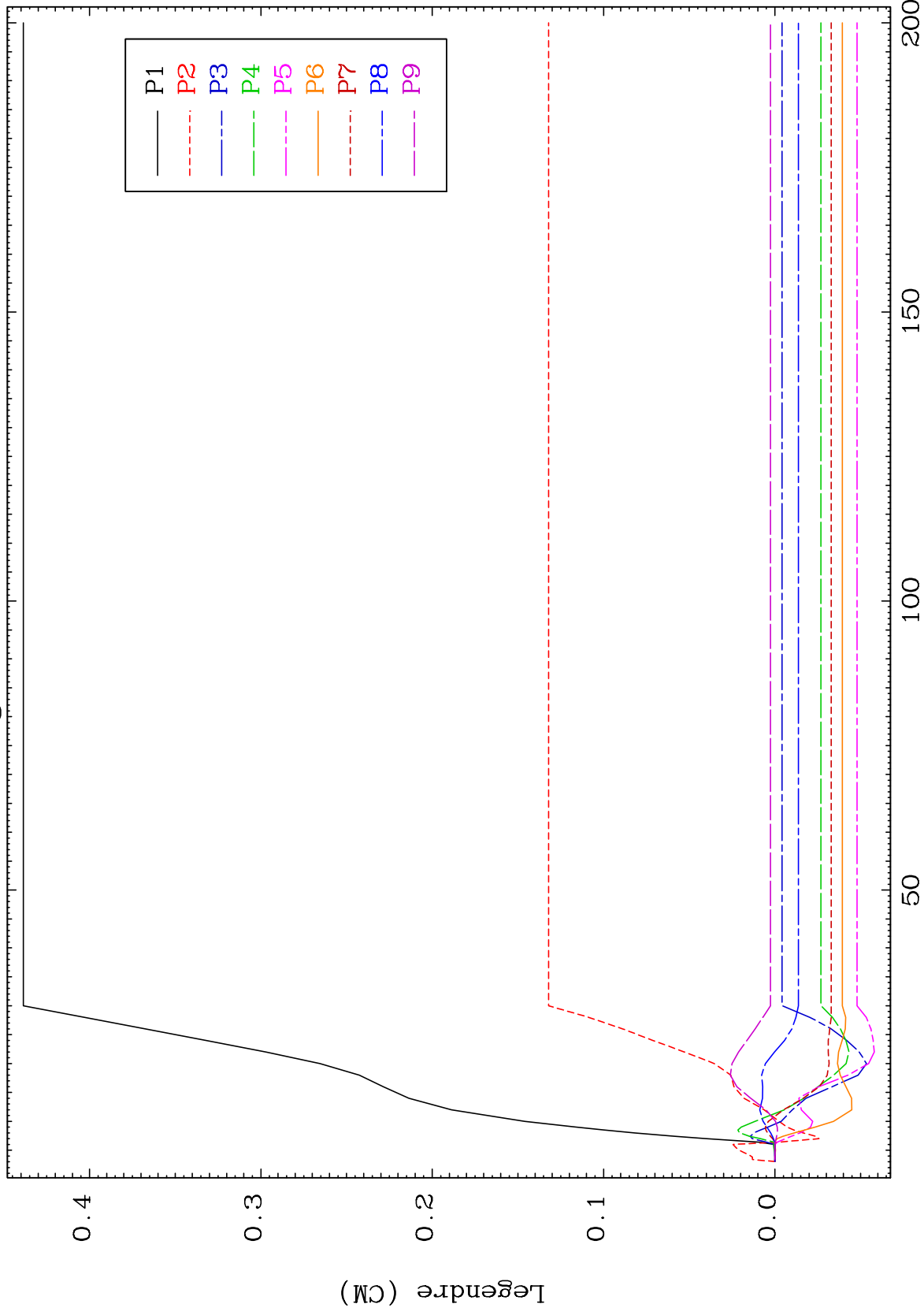




MAT 3940

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

39-Y -94



79

Incident Energy (MeV)

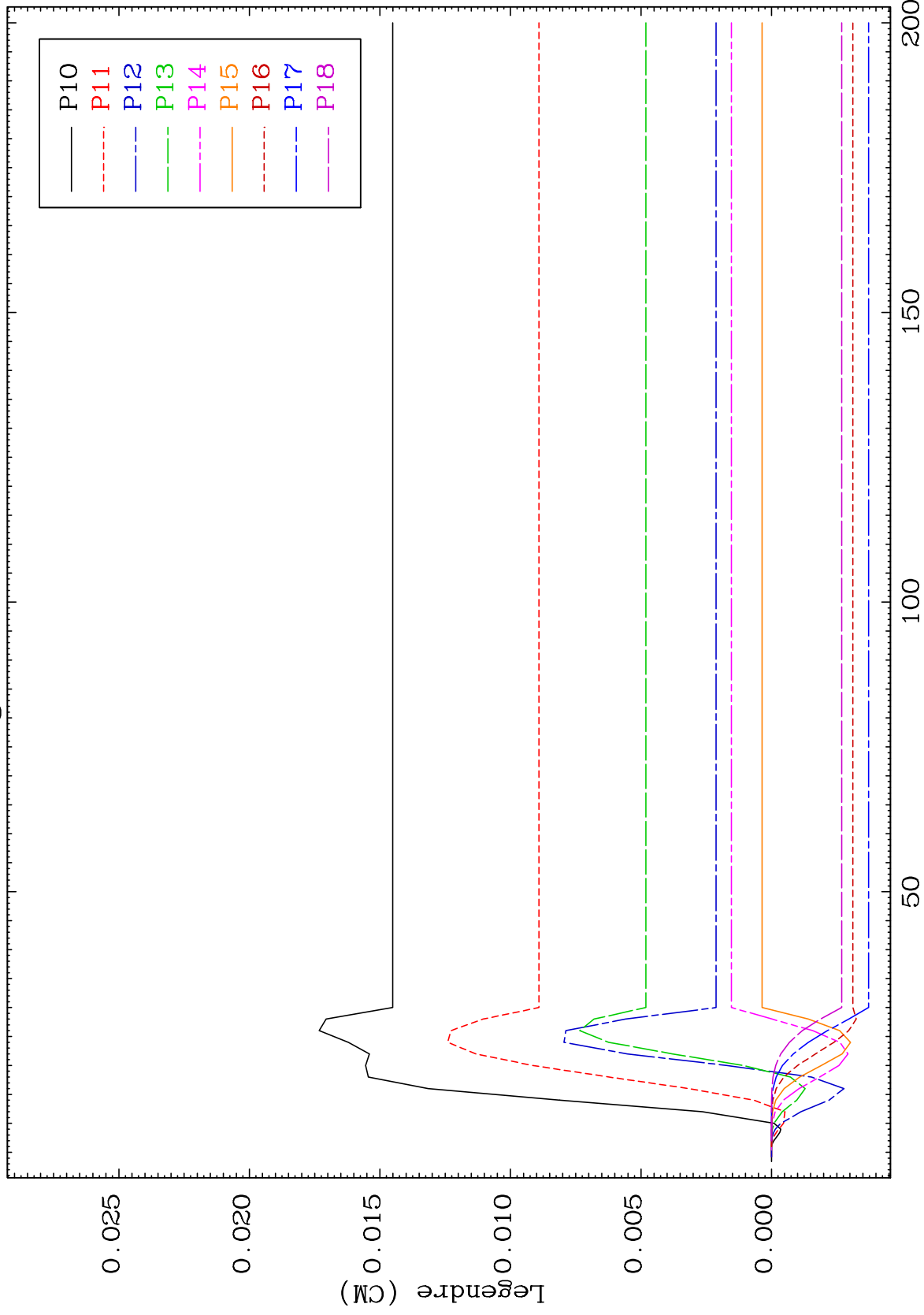
39-Y -94



MAT 3940

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

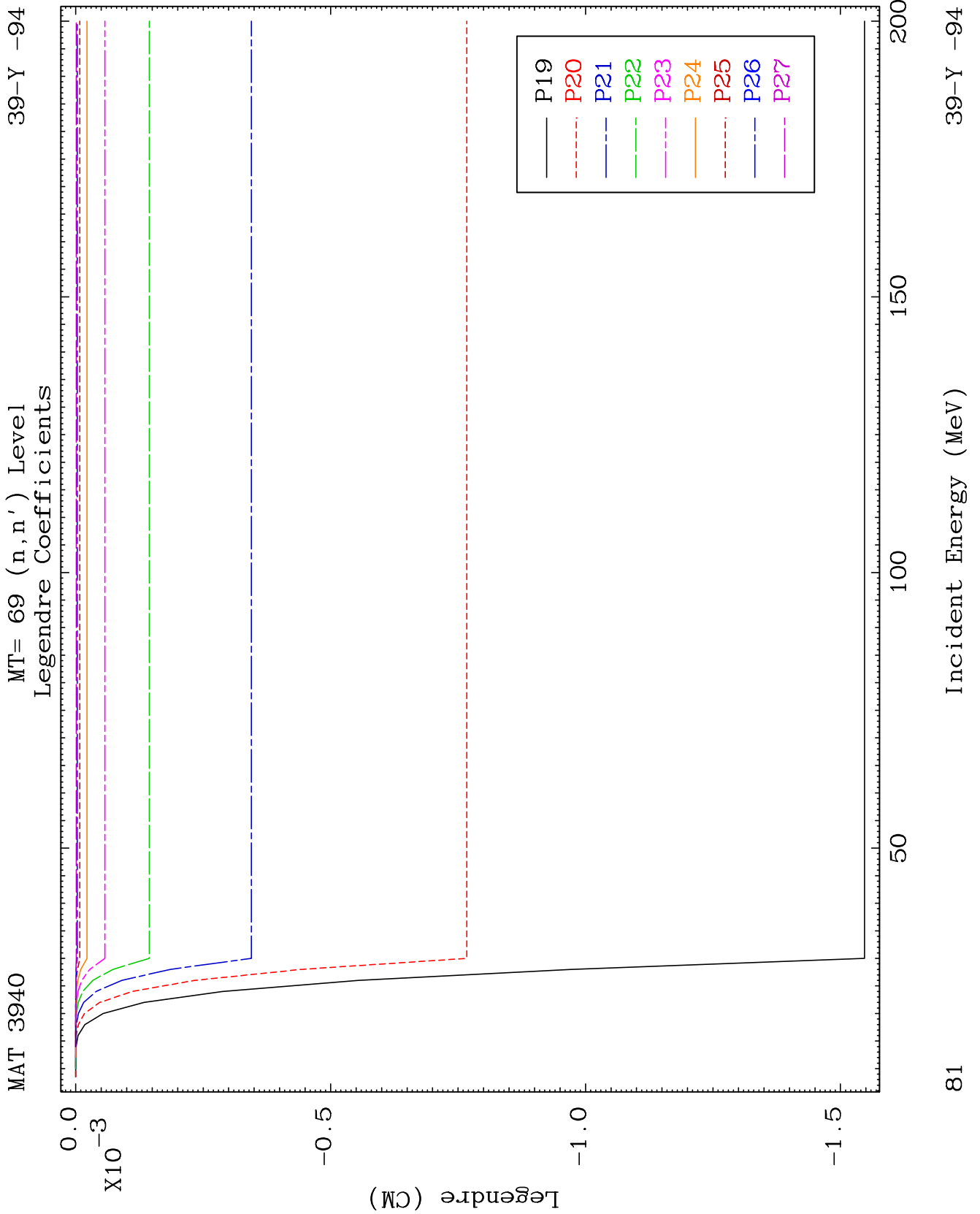
39-Y -94

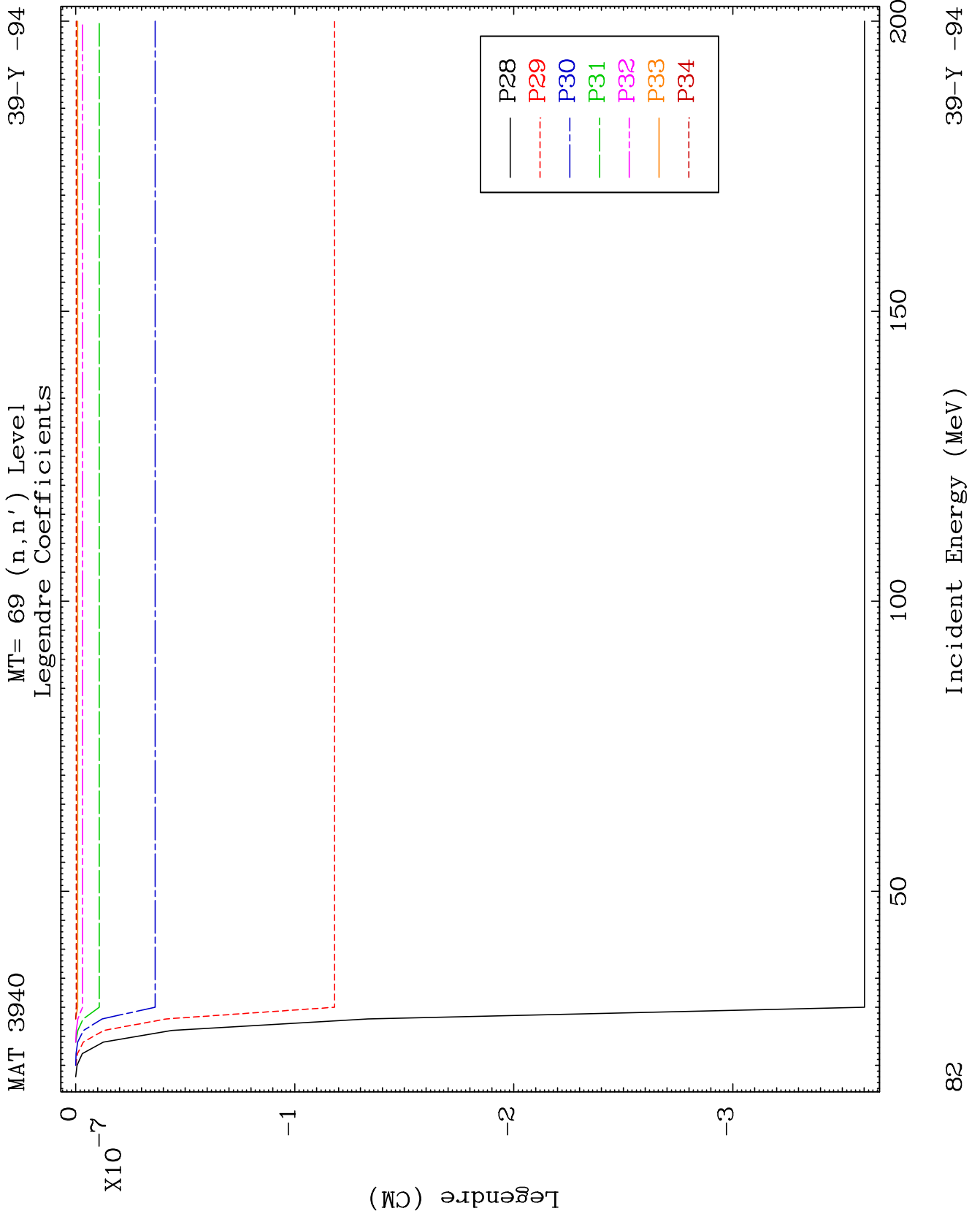


80

Incident Energy (MeV)

39-Y -94

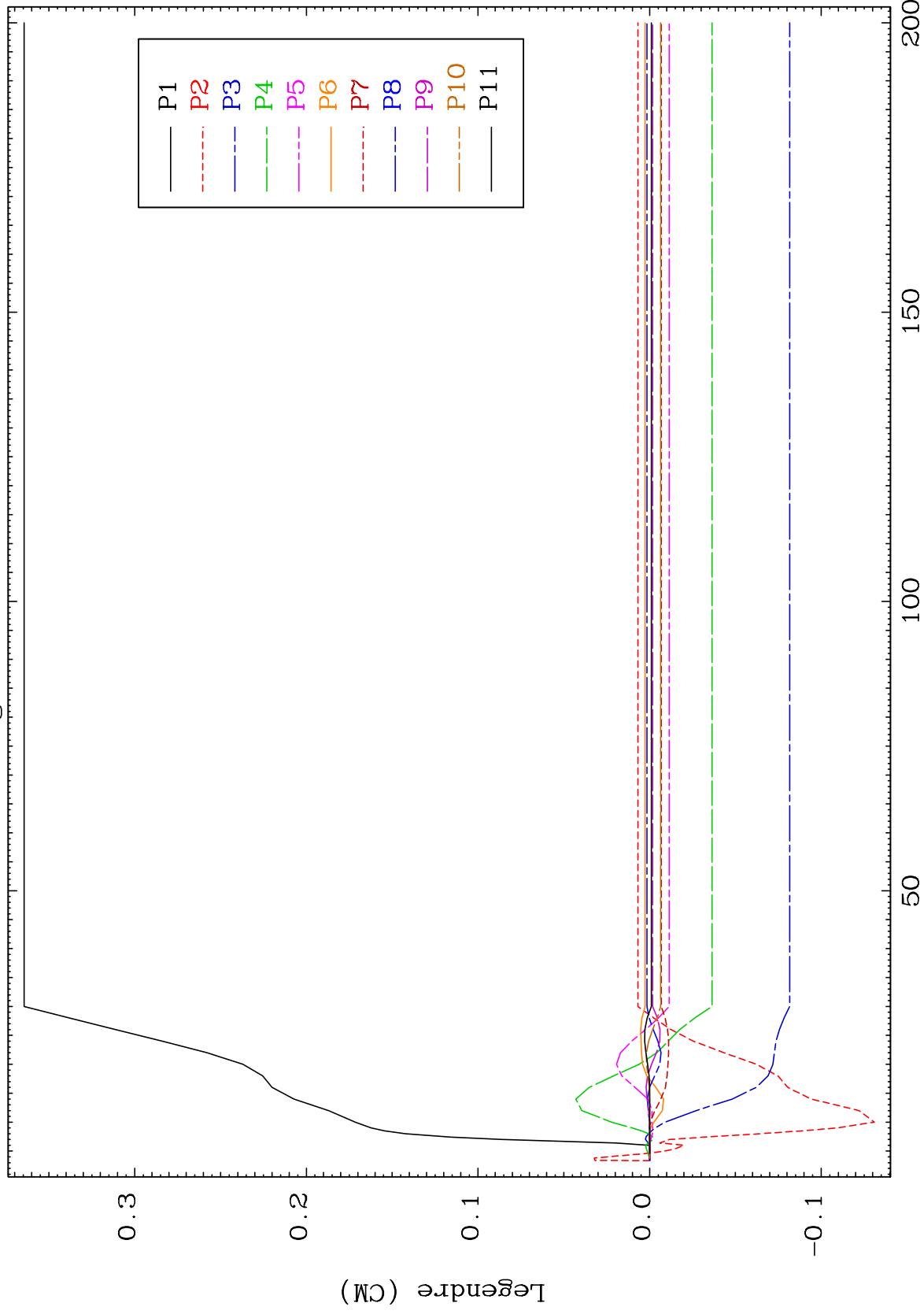




MAT 3940

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

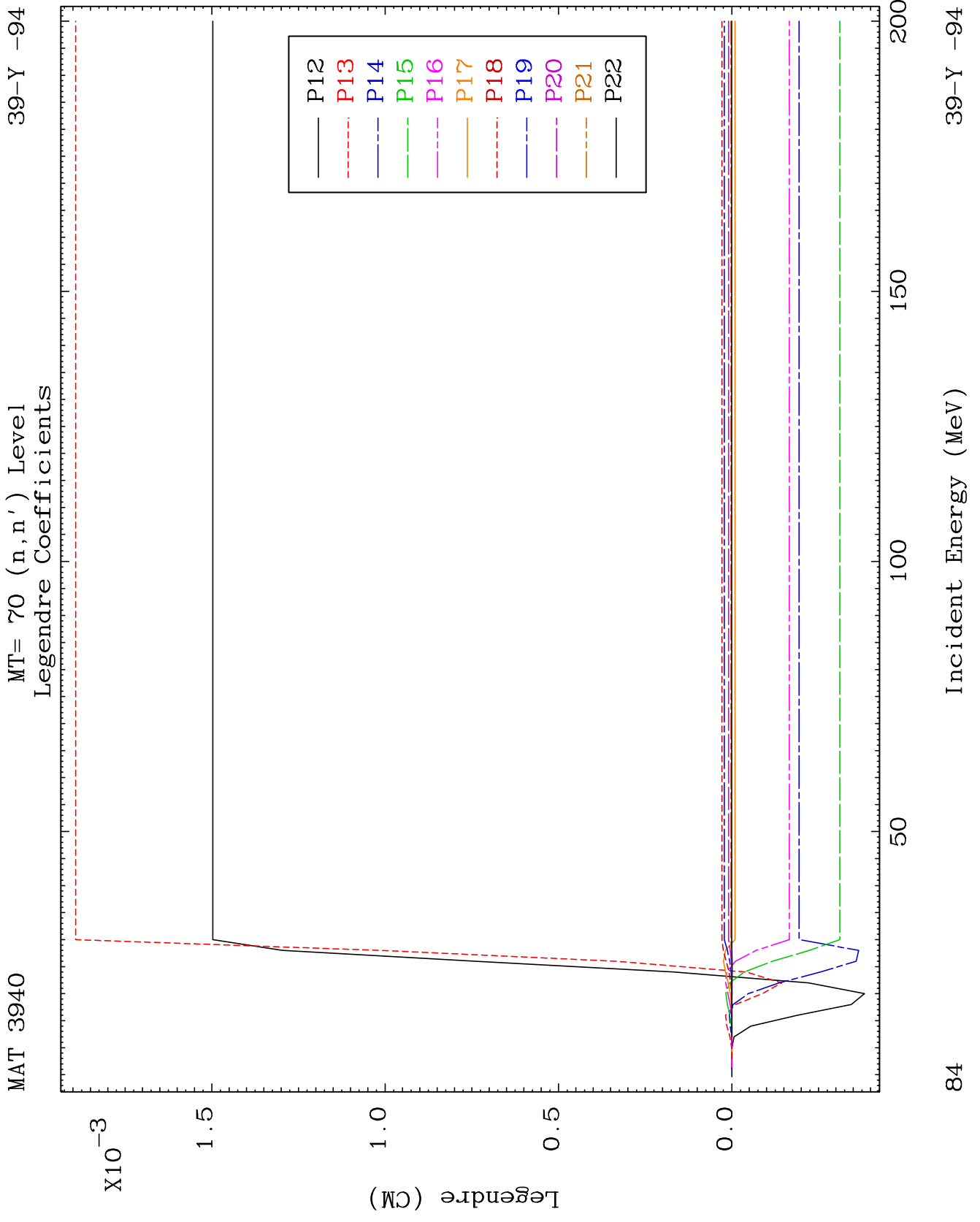
39-Y -94

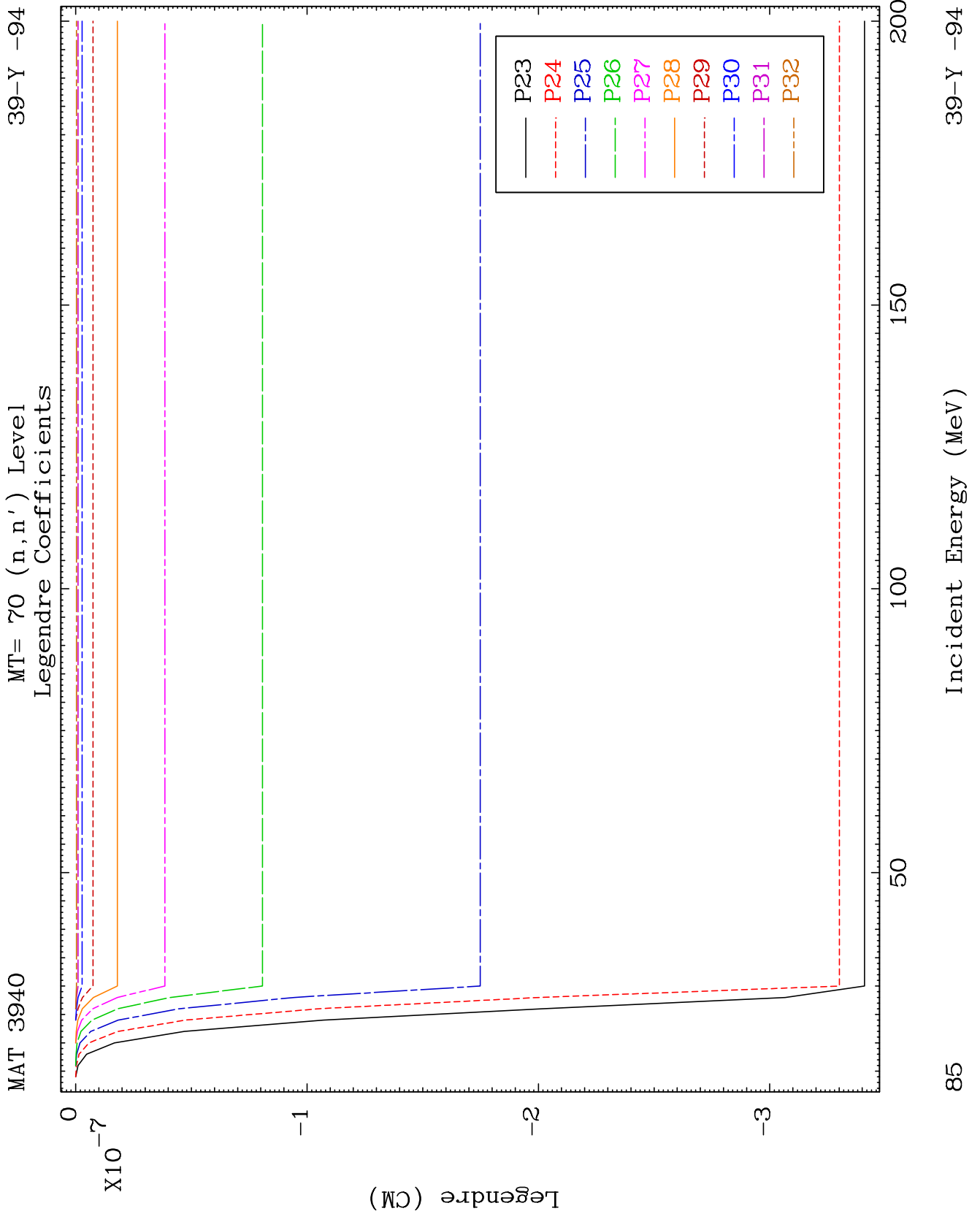


83

Incident Energy (MeV)

39-Y -94



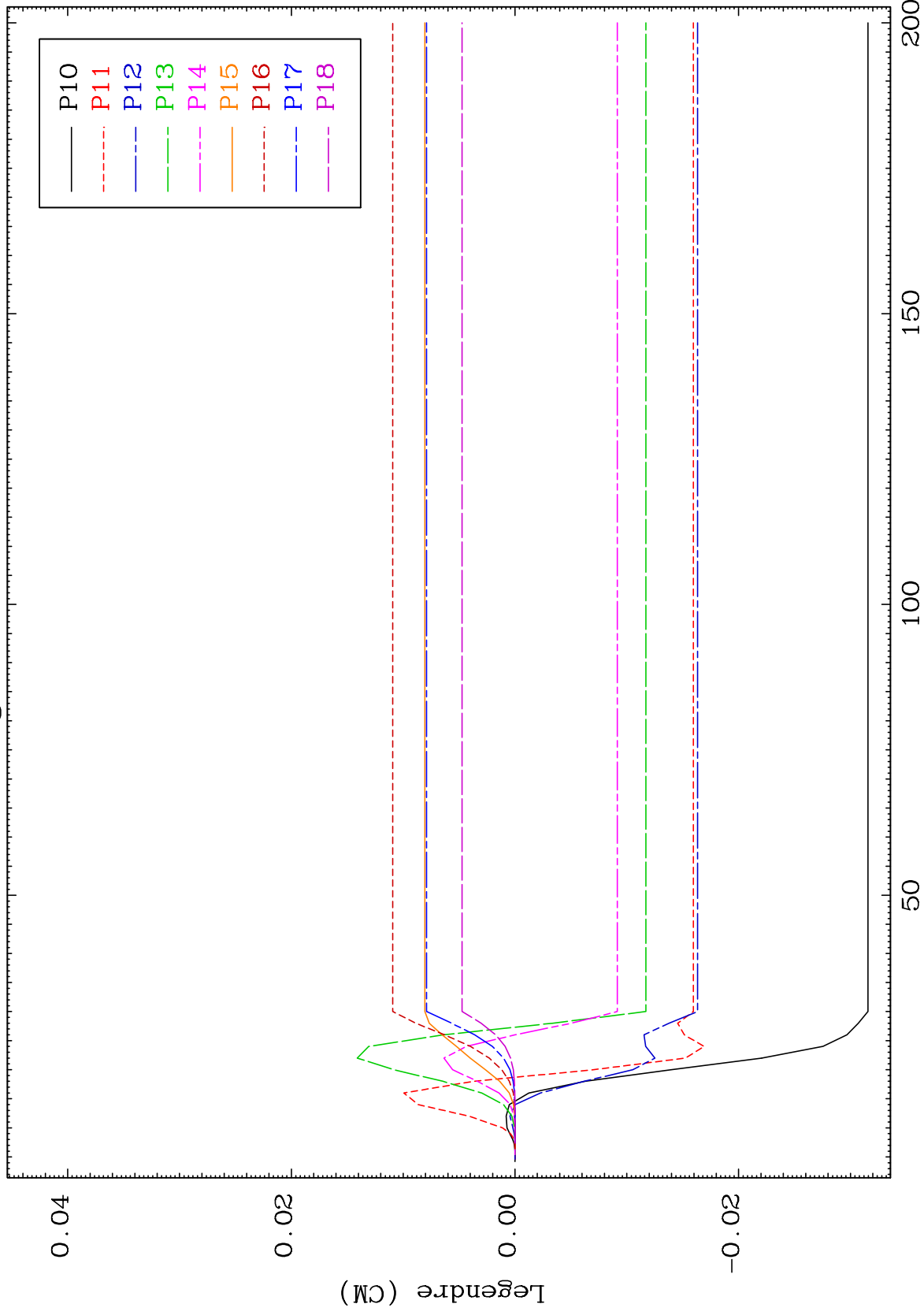




MAT 3940

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

39-Y -94



87

Incident Energy (MeV)

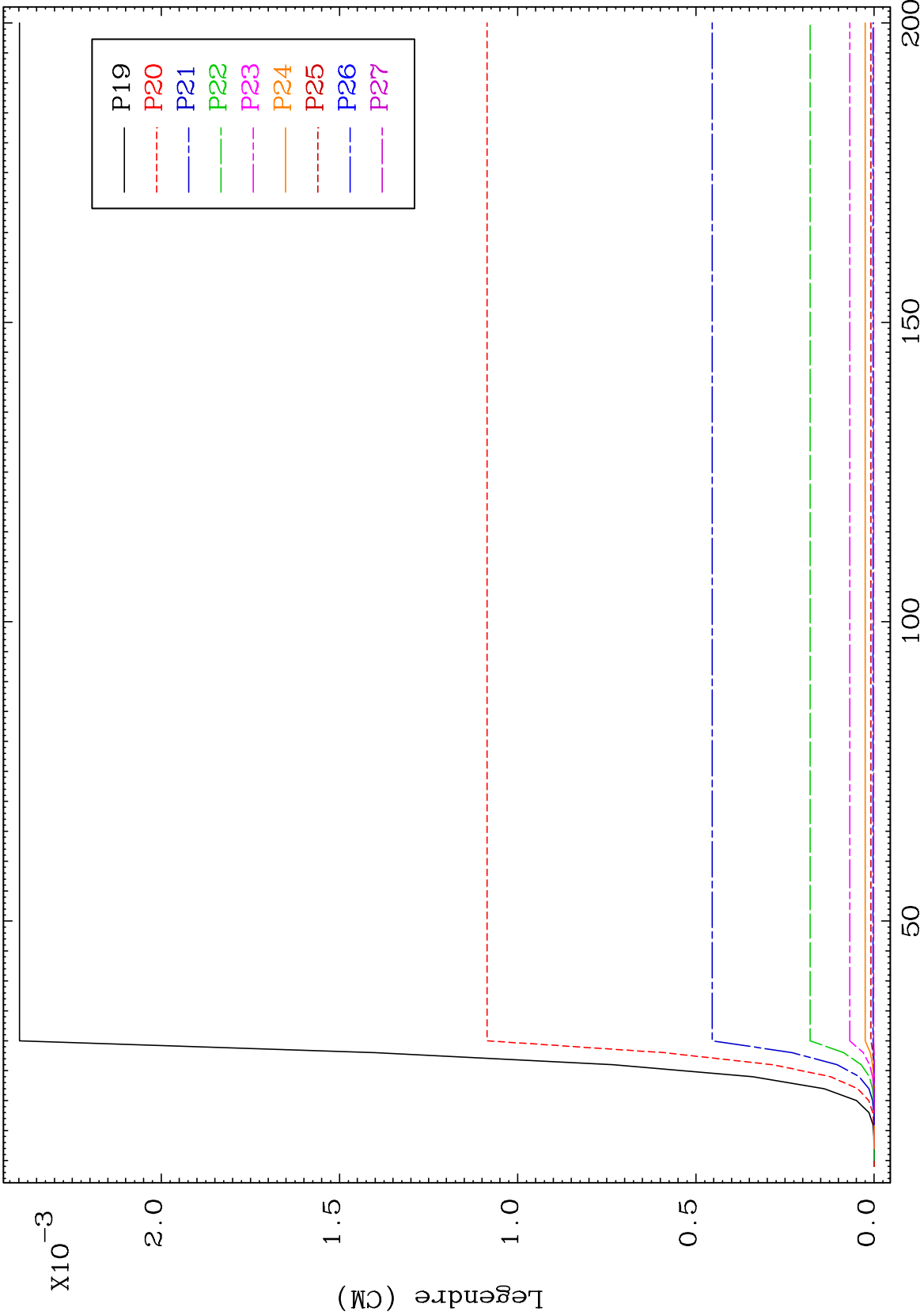
39-Y -94



MAT 3940

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

39-Y -94



88

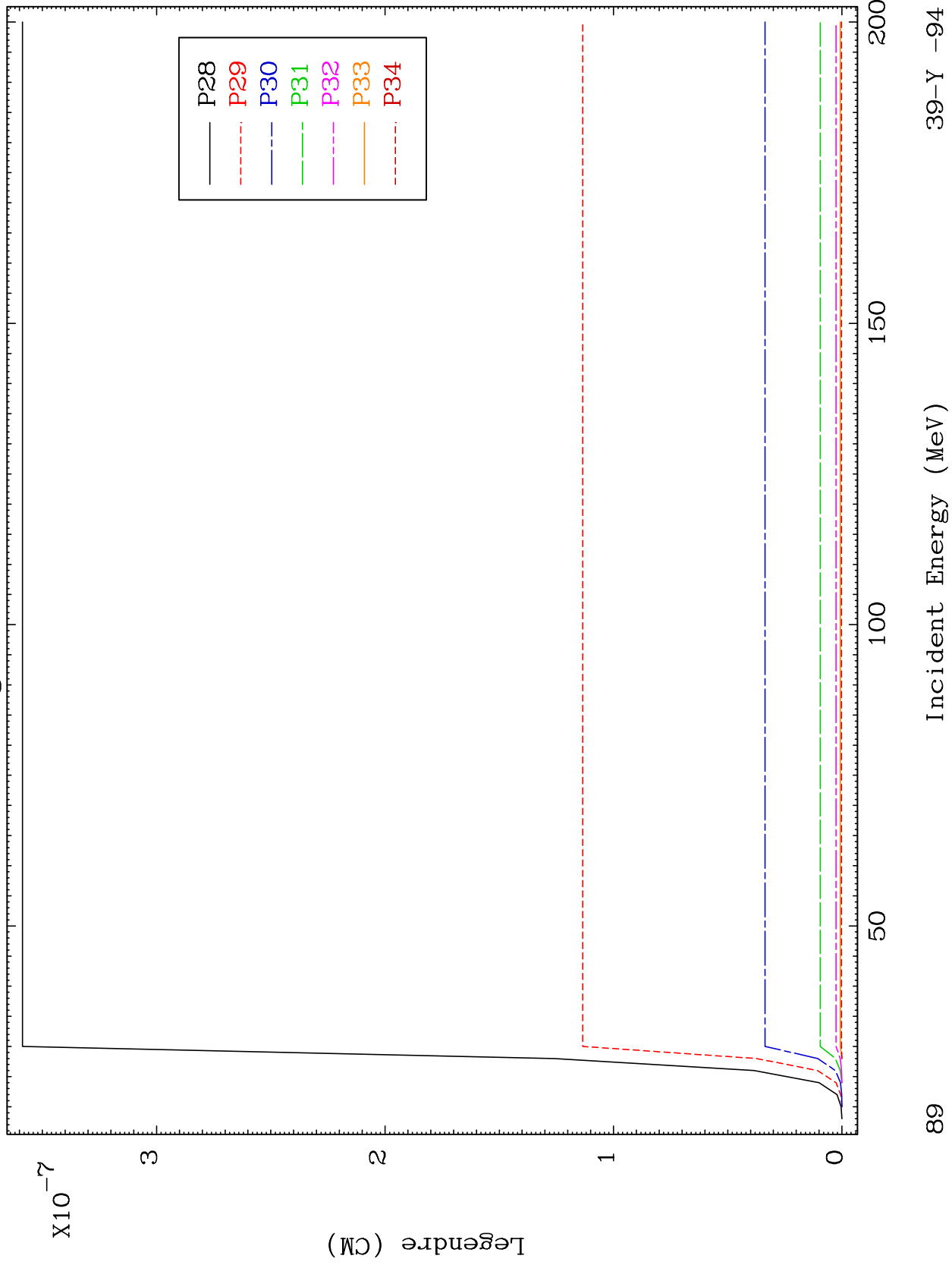
Incident Energy (MeV)

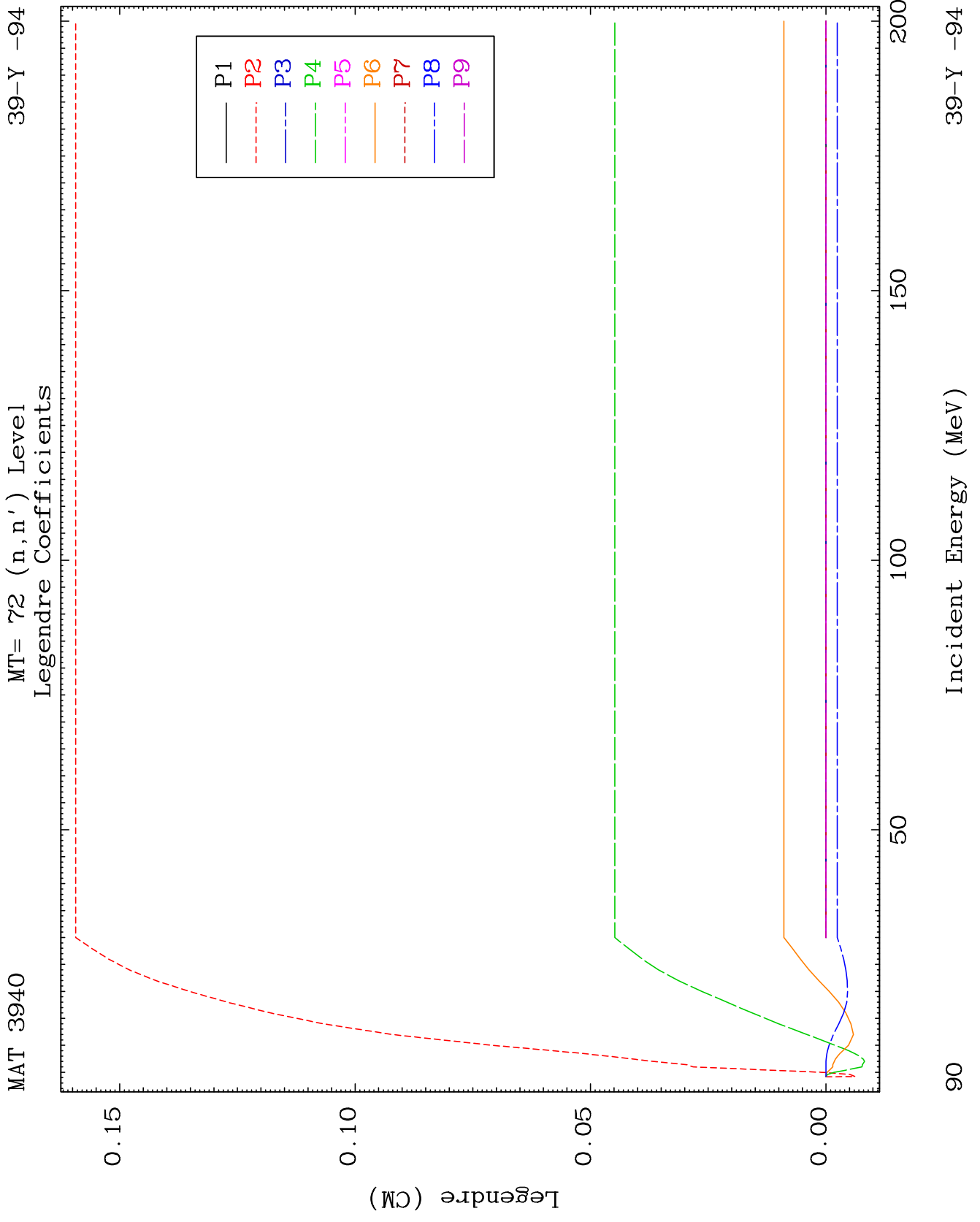
39-Y -94

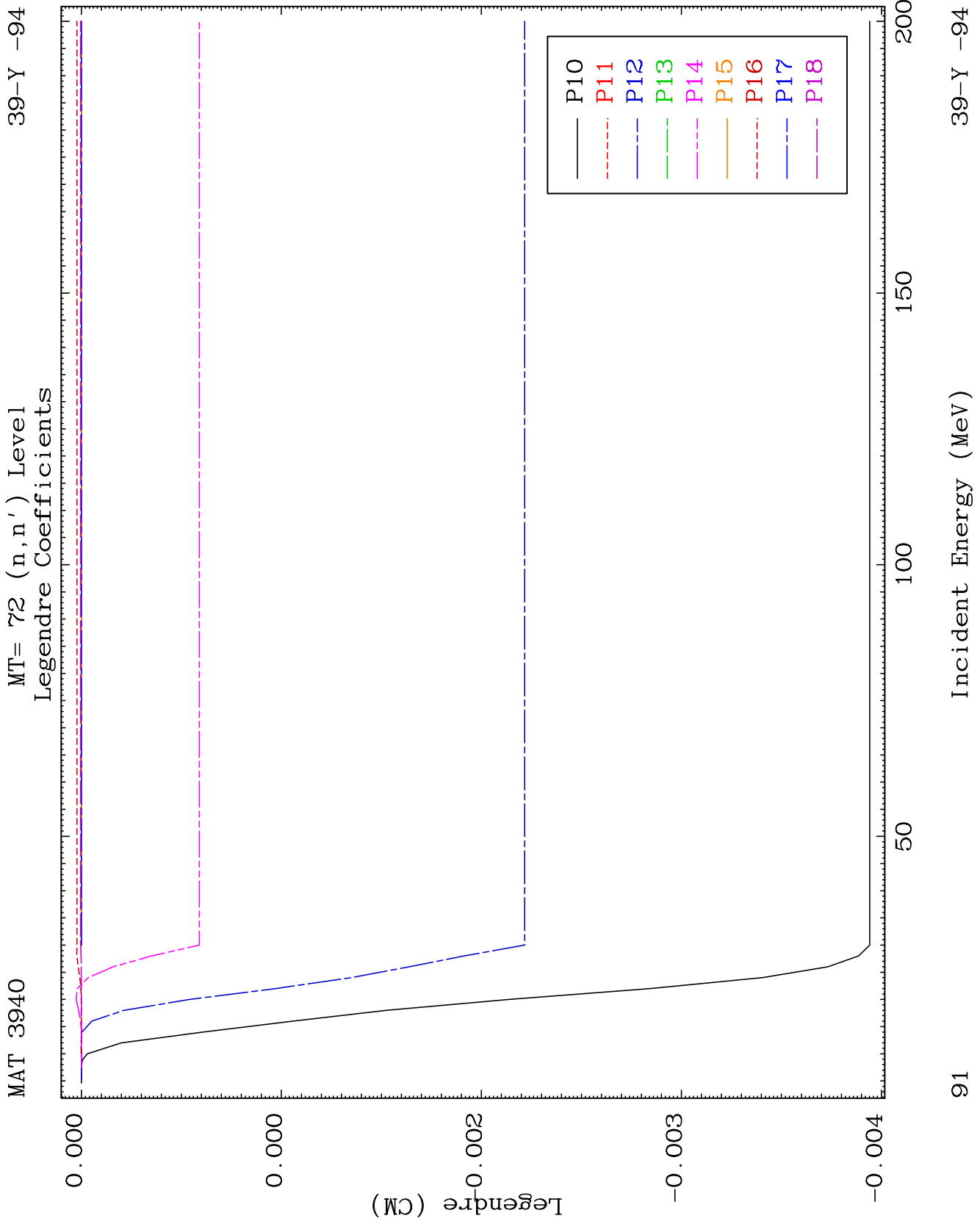
MAT 3940

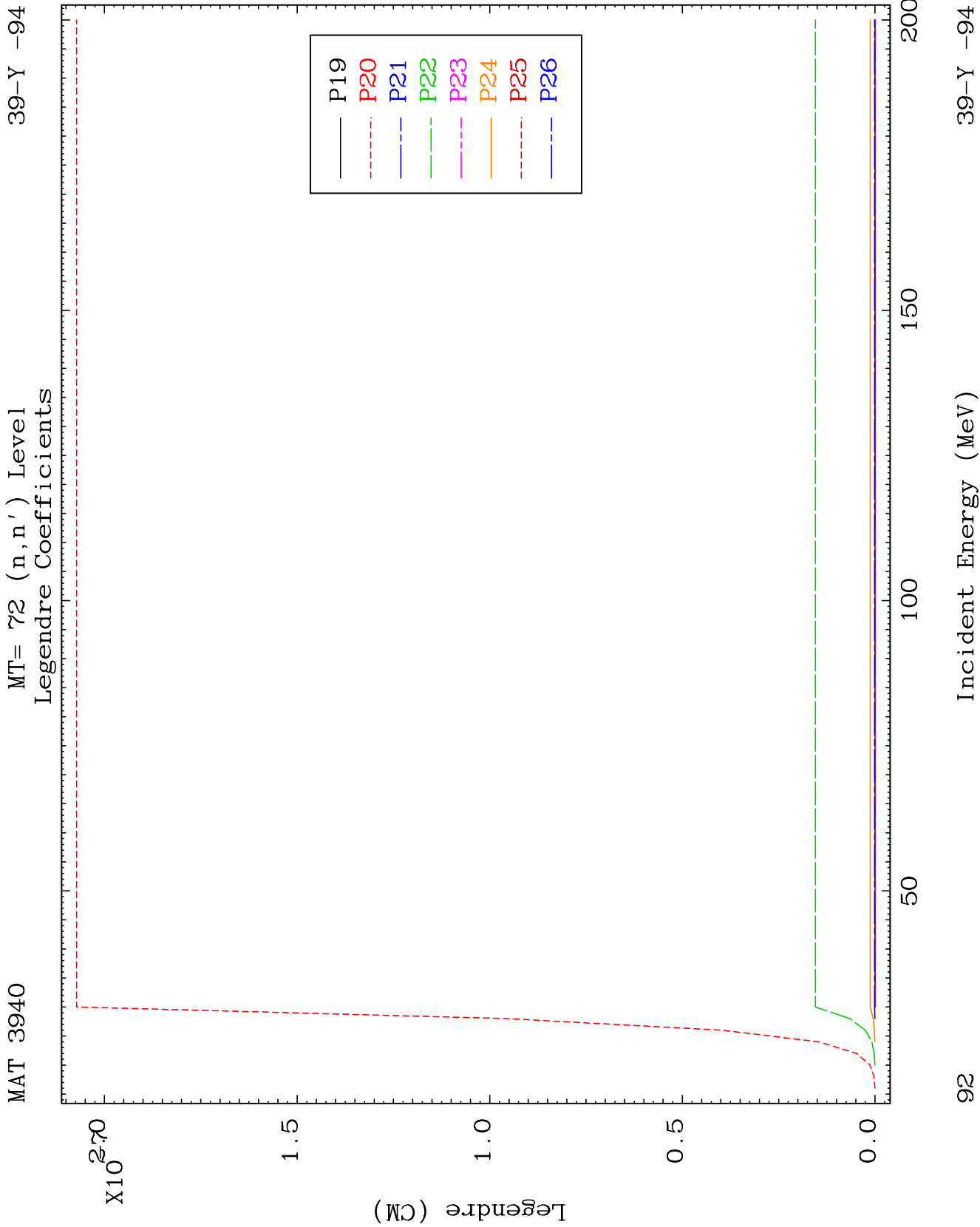
MT= 71 (n,n') Level  
Legendre Coefficients

39-Y -94





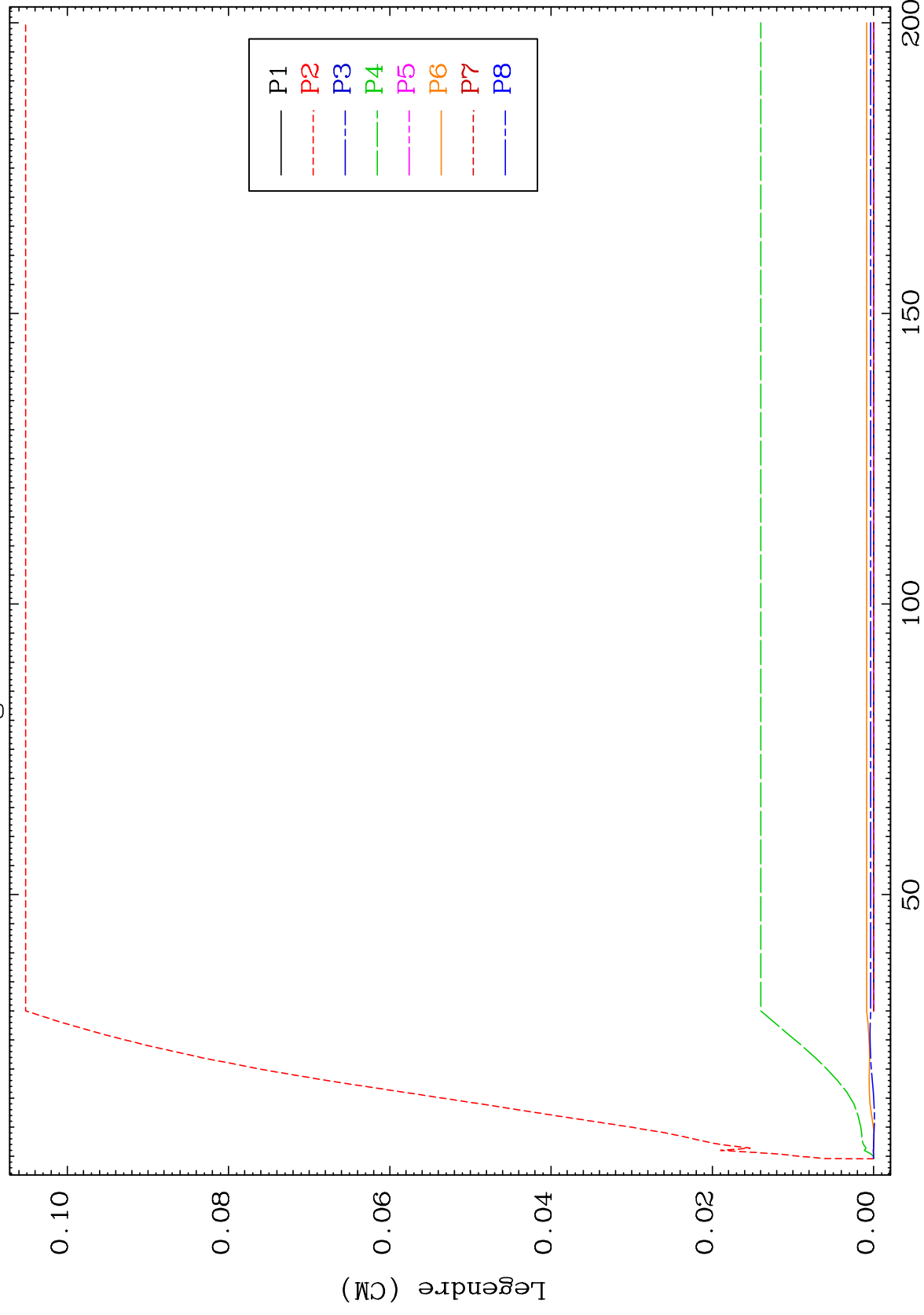




MAT 3940

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

39-Y -94



93

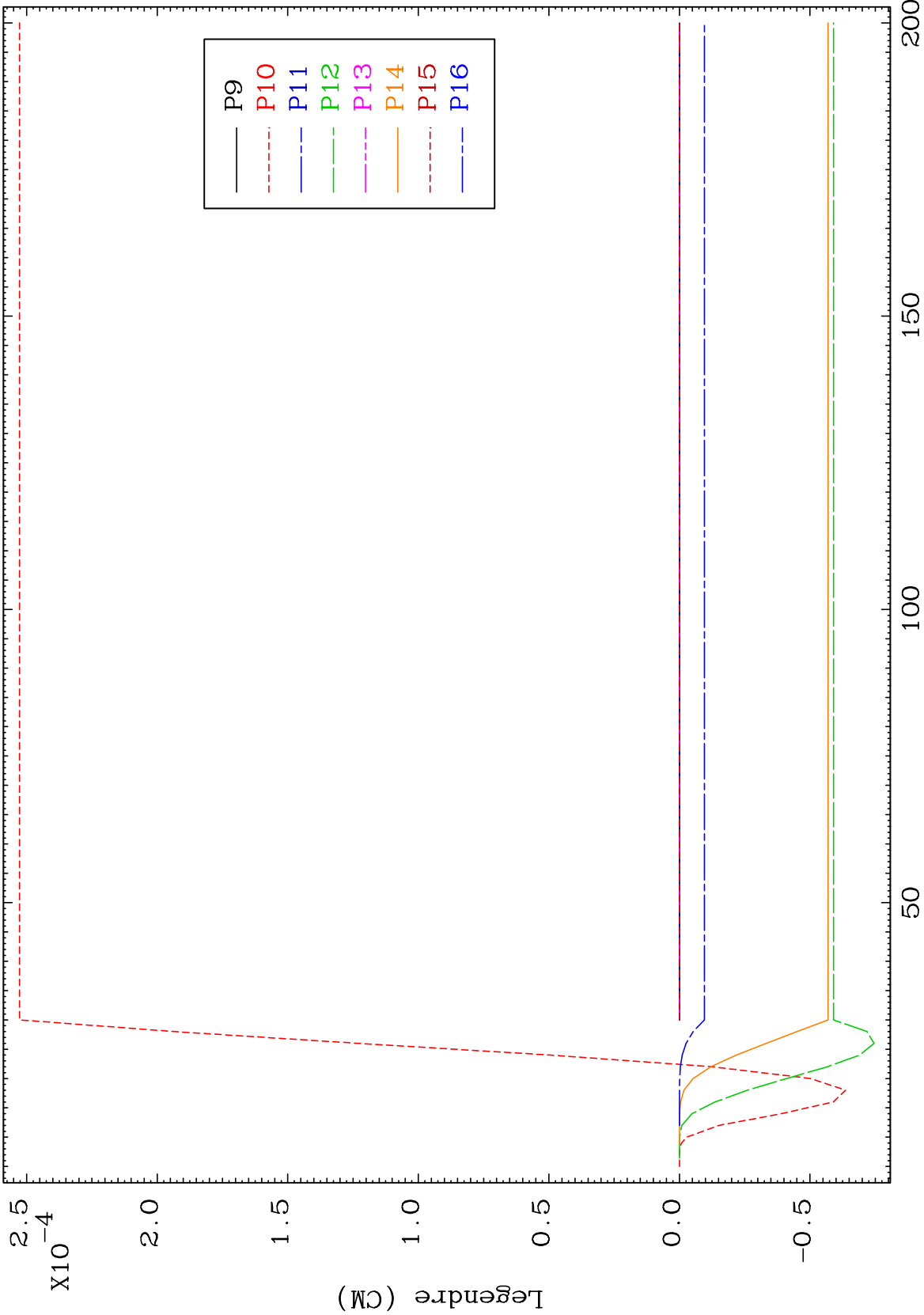
Incident Energy (MeV)

39-Y -94

MAT 3940

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

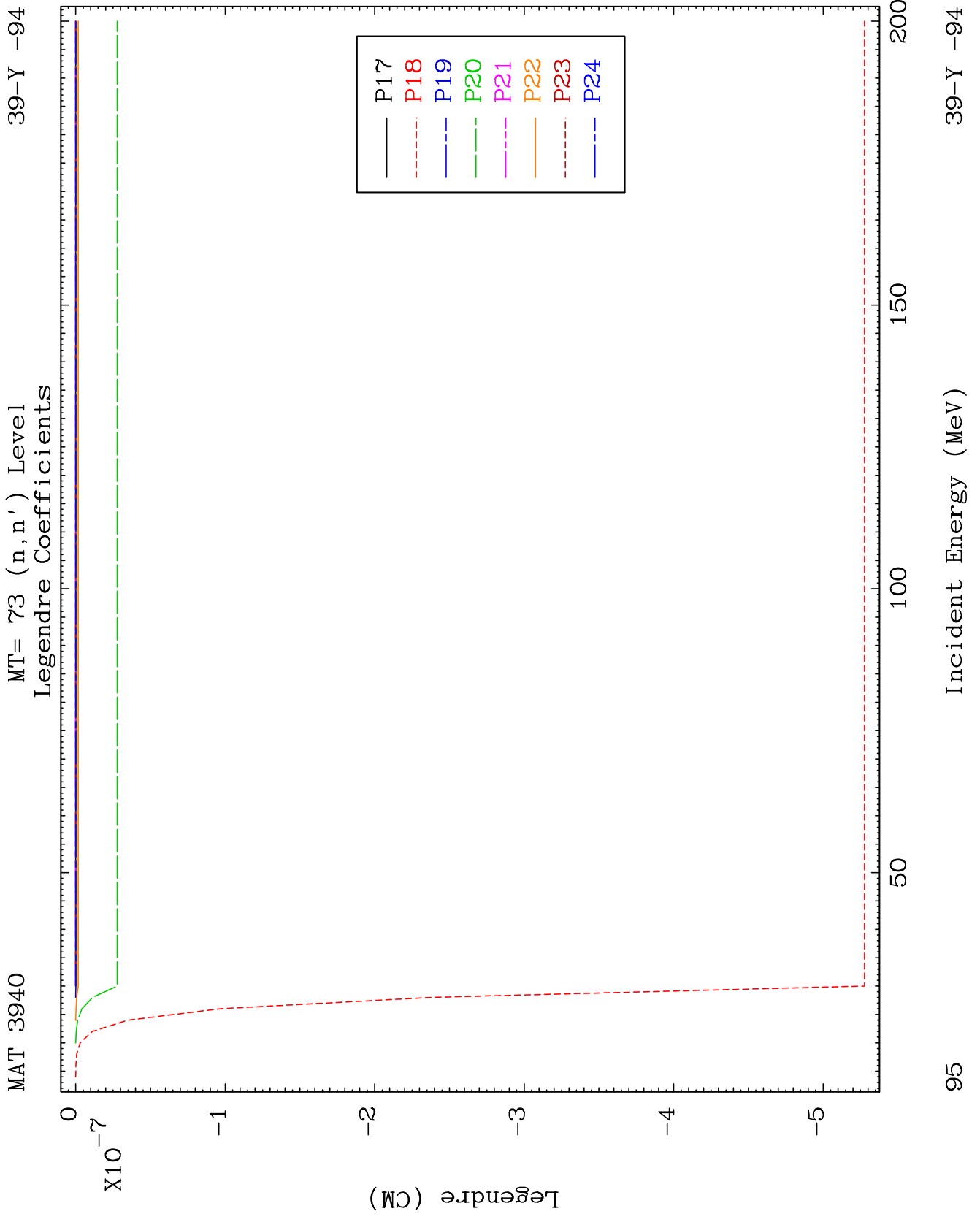
39-Y -94



94

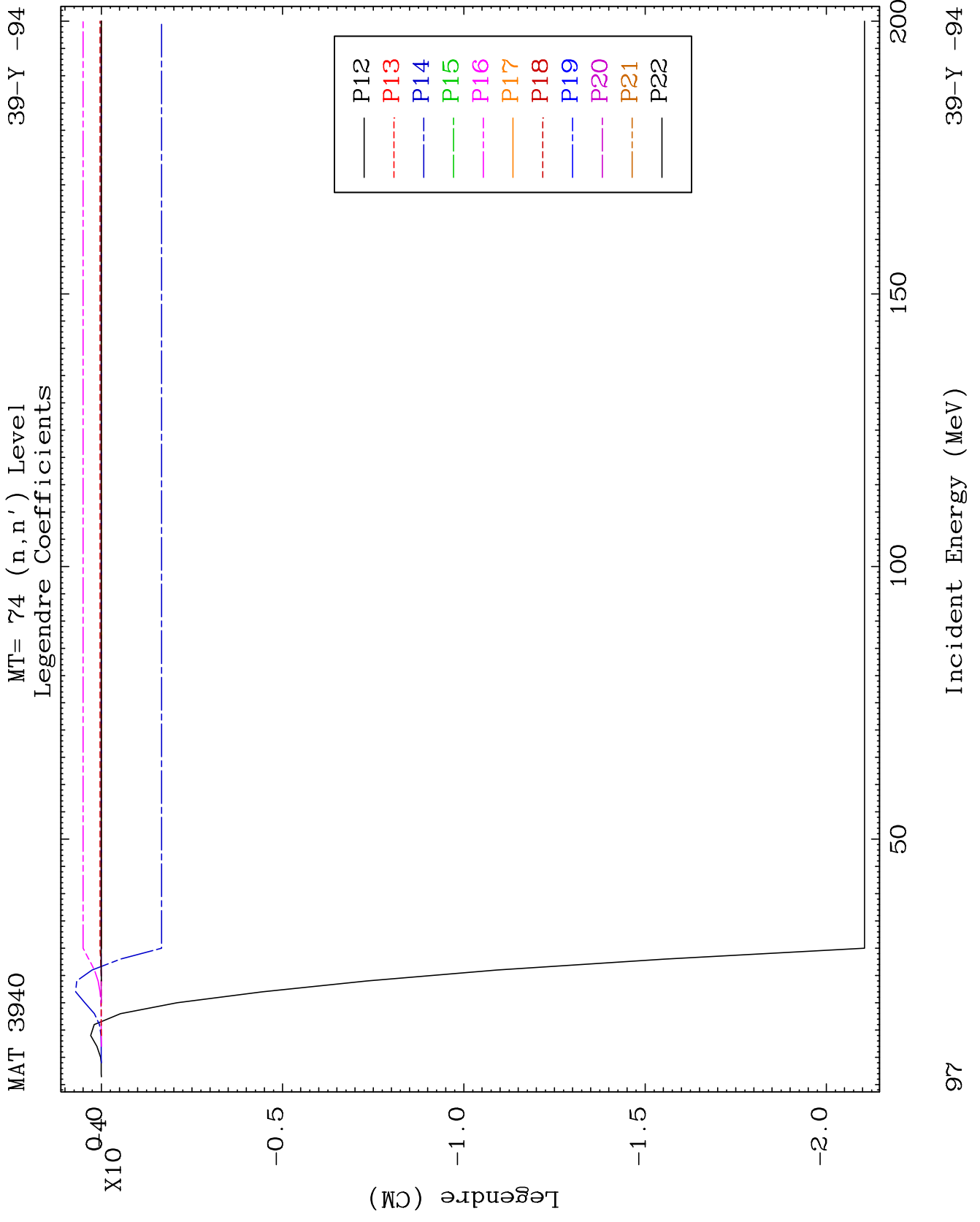
Incident Energy (MeV)

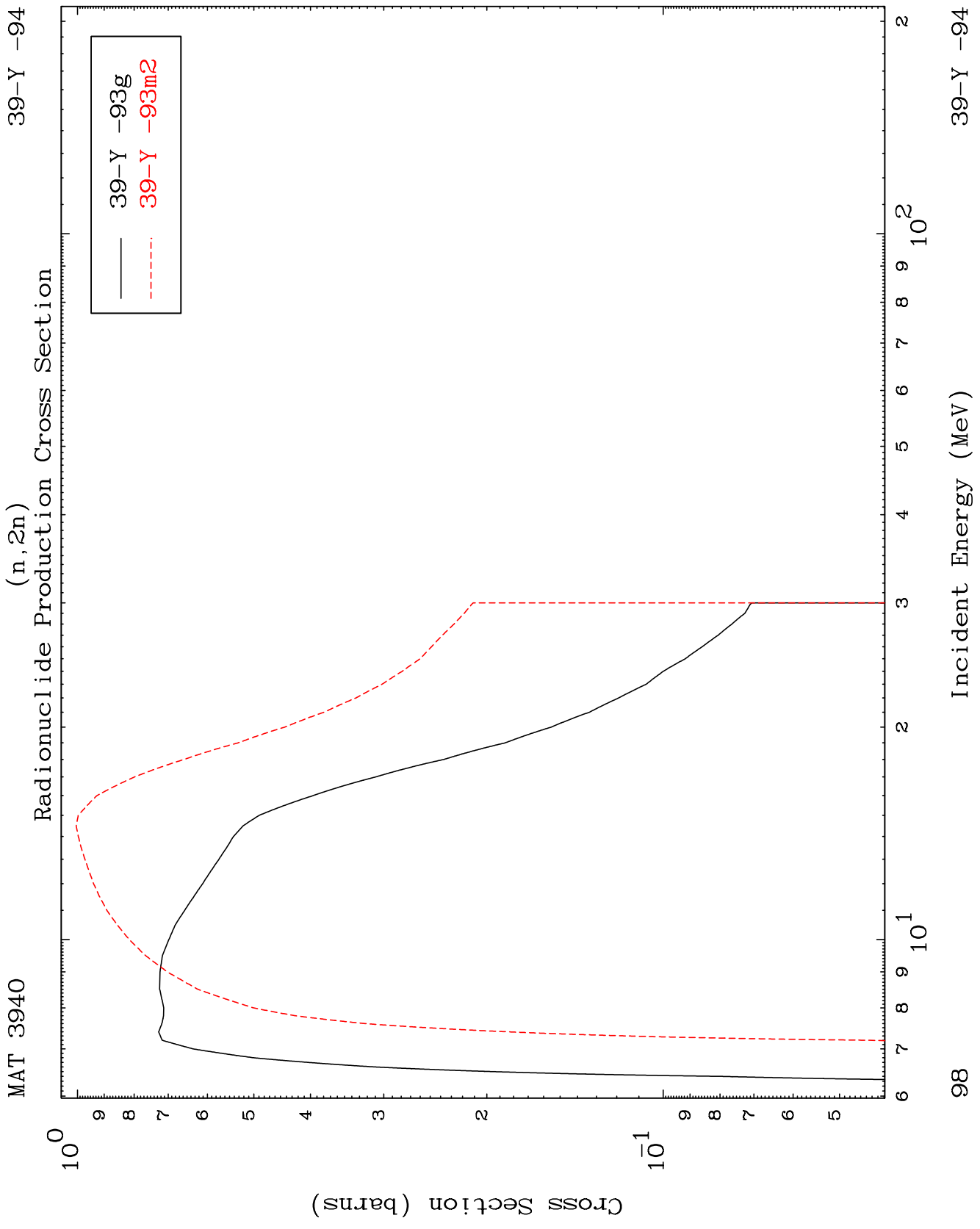
39-Y -94



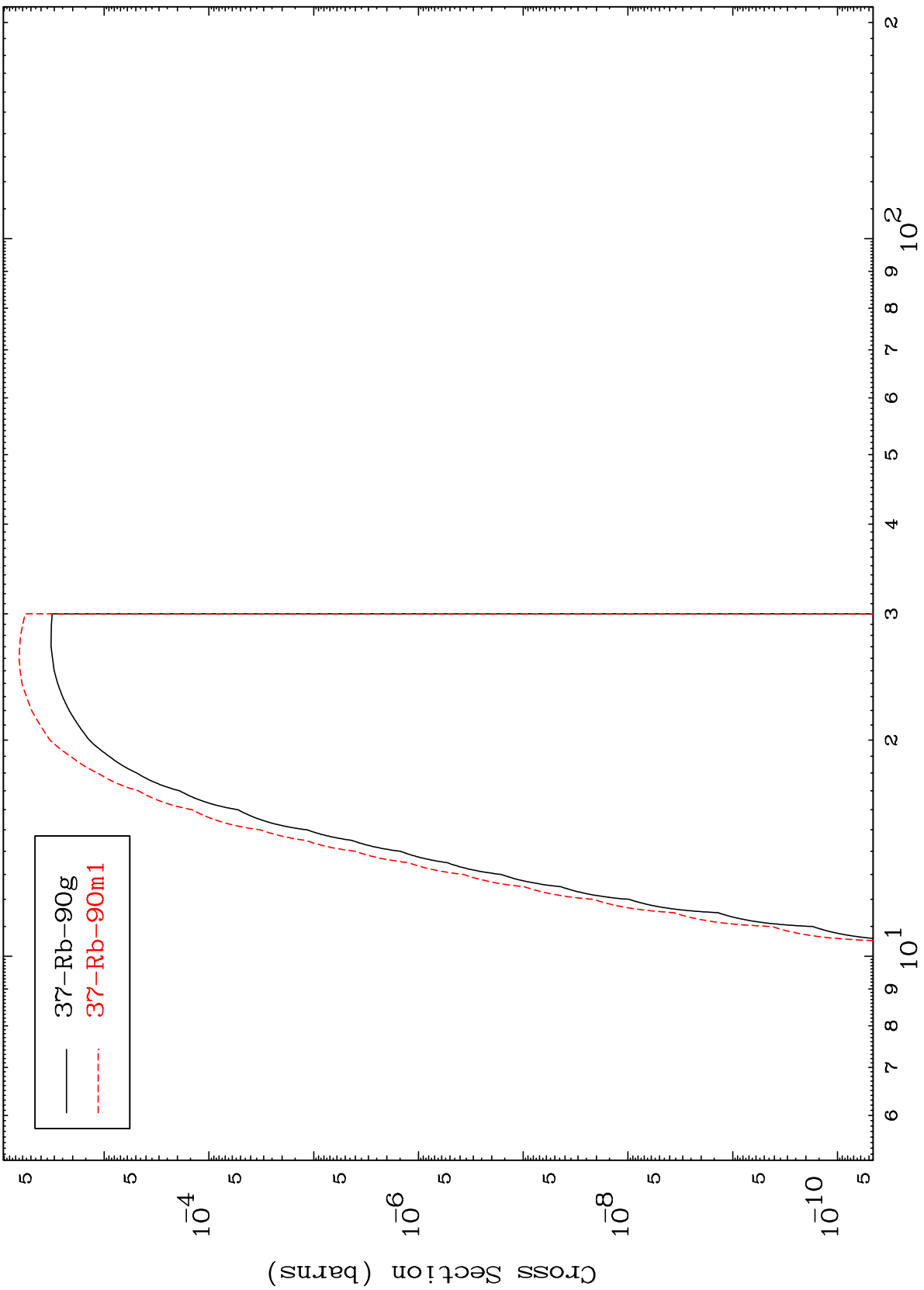








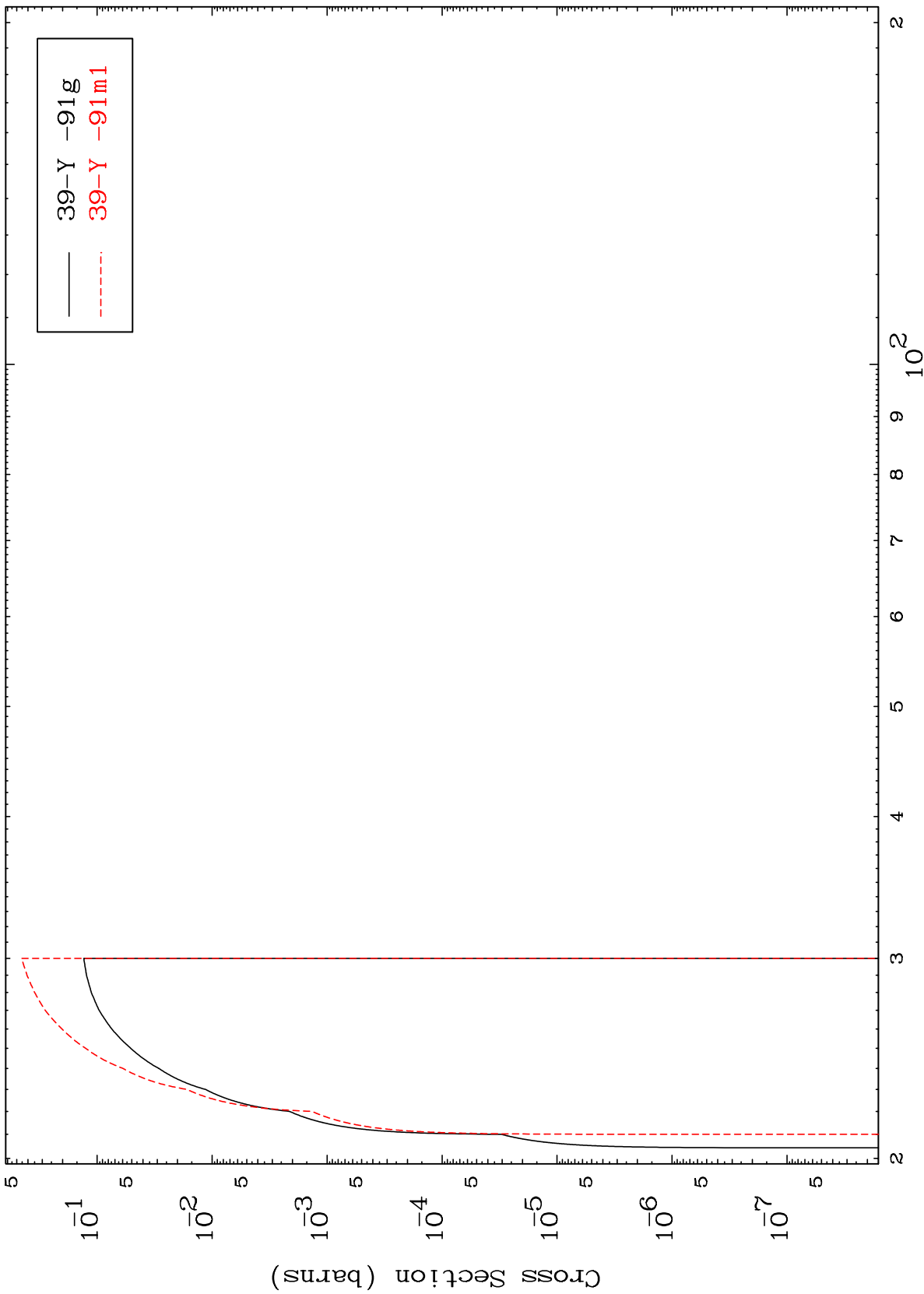
Radionuclide Production Cross Section



MAT 3940

39-Y -94

(n,4n)  
Radionuclide Production Cross Section



39-Y -91g  
39-Y -91m1

39-Y -94

Incident Energy (MeV)

100