

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

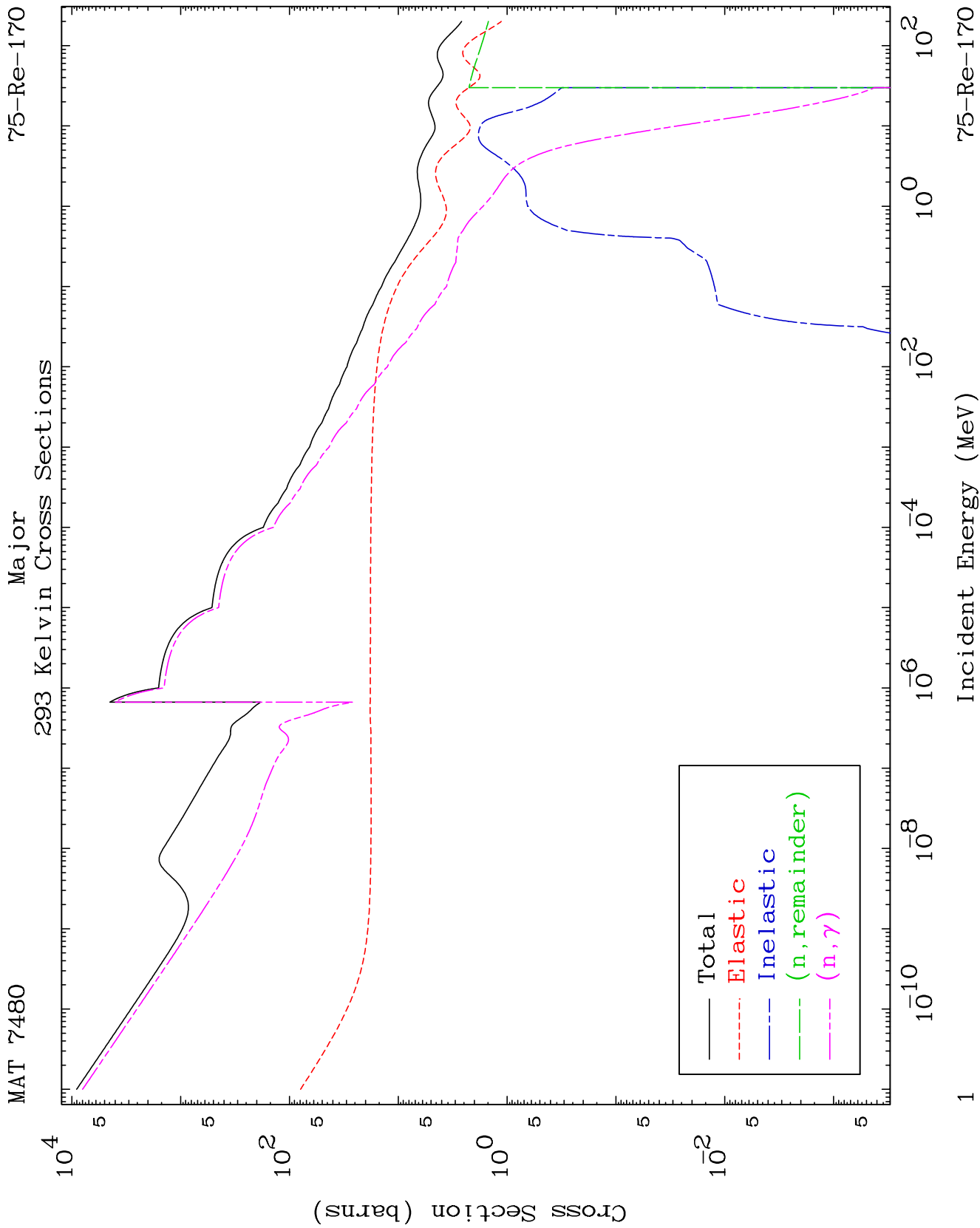
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

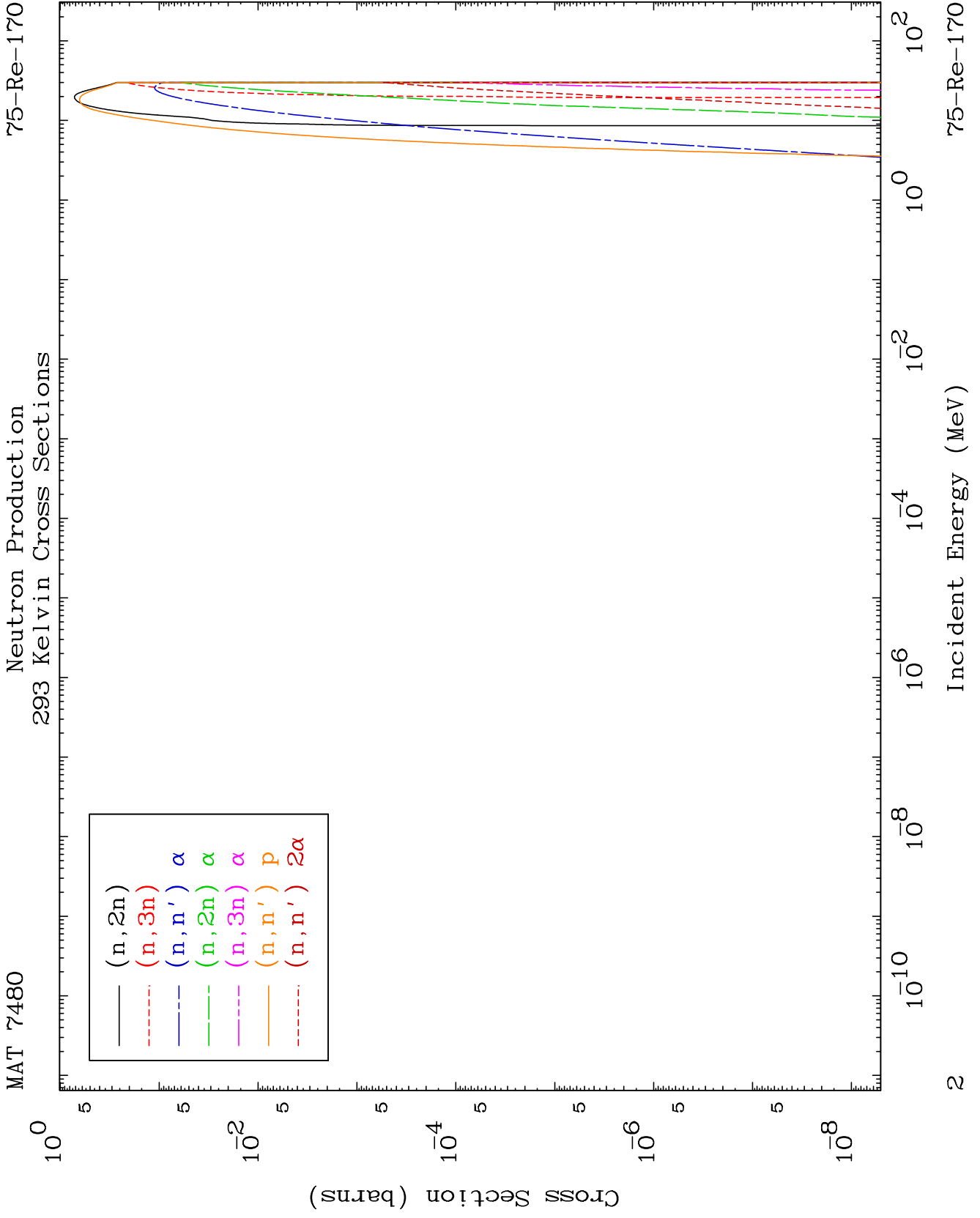
Tele: 925-443-1911

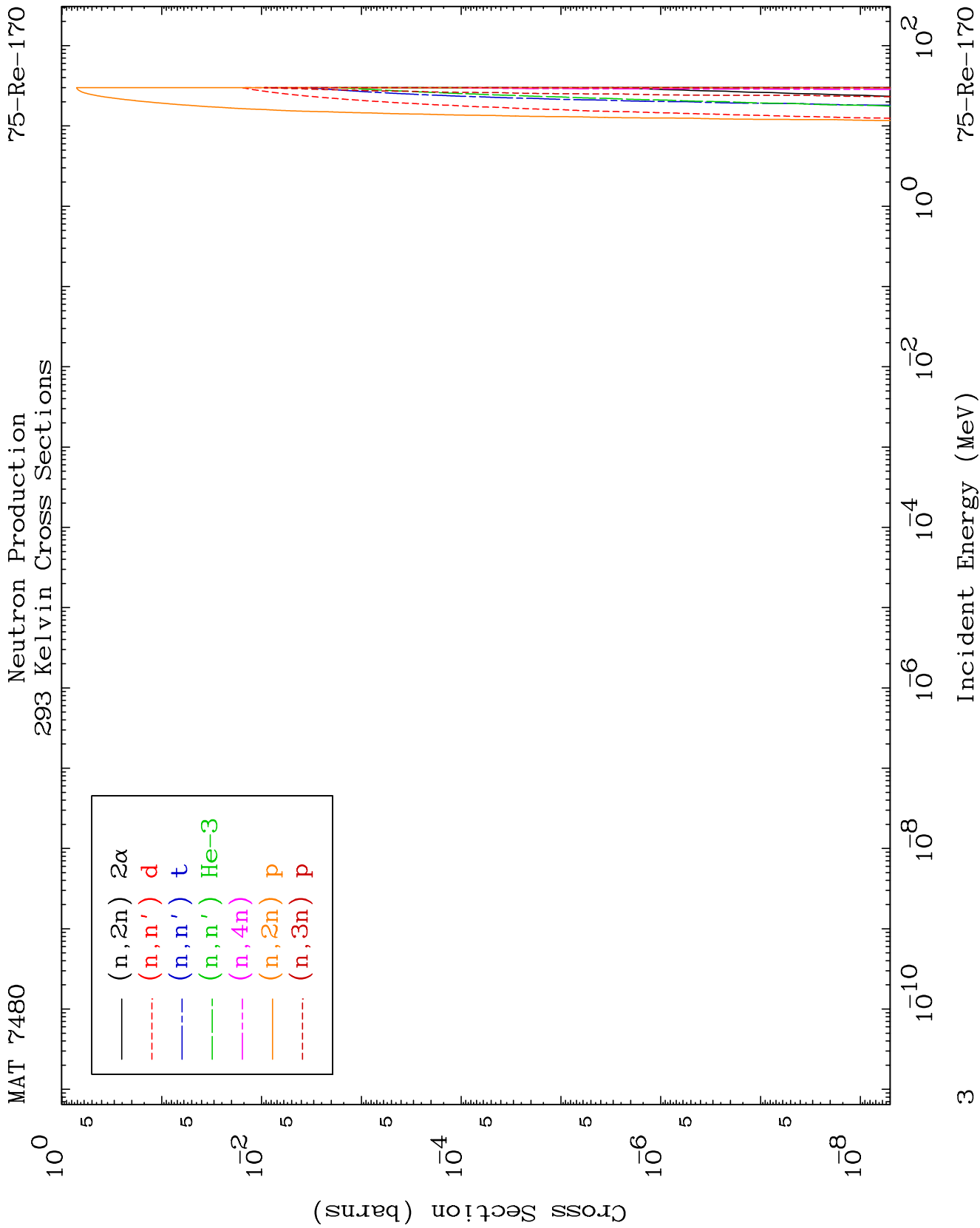
E.Mail:redcullen1@comcast.net

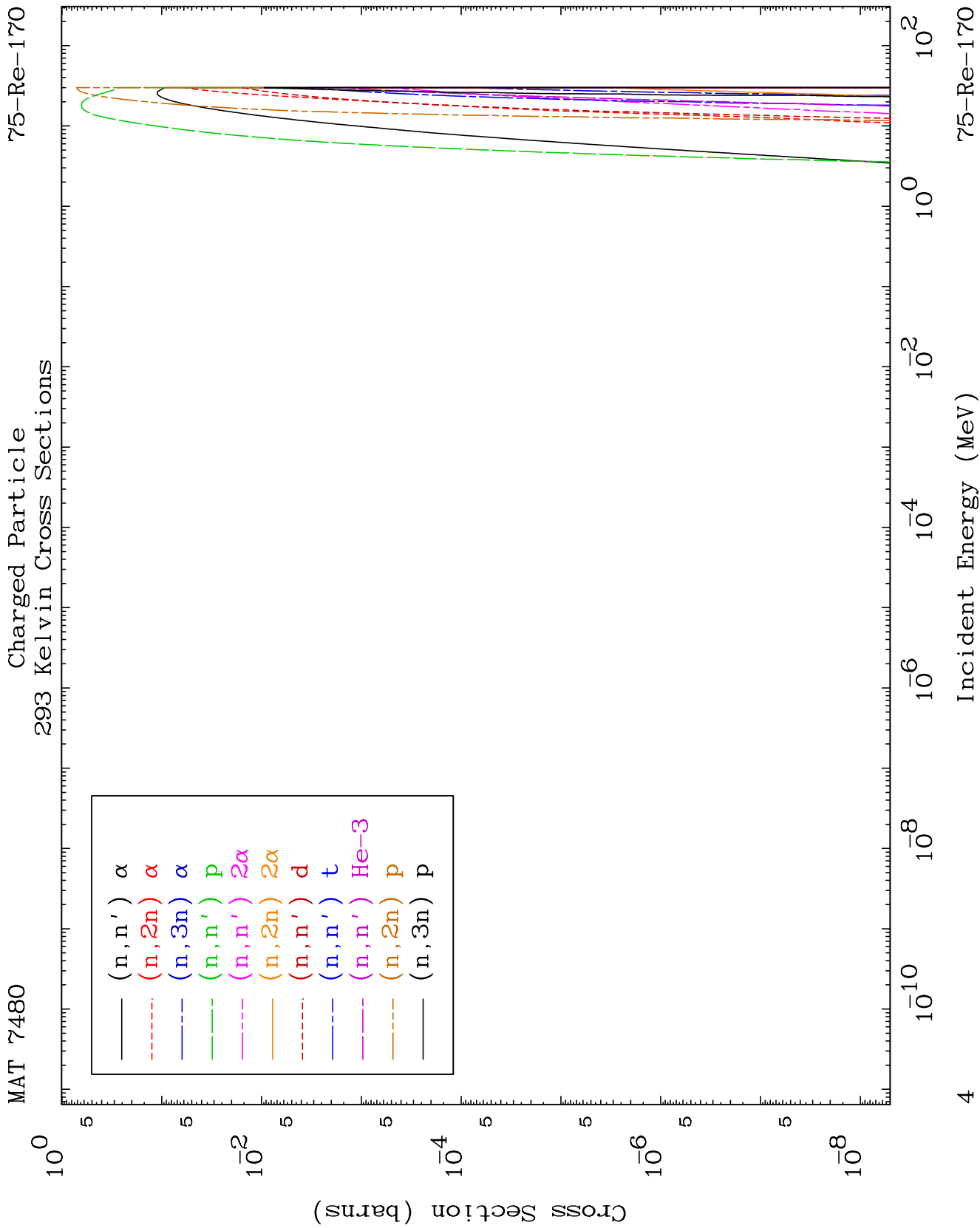
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Press Mouse Button to Start





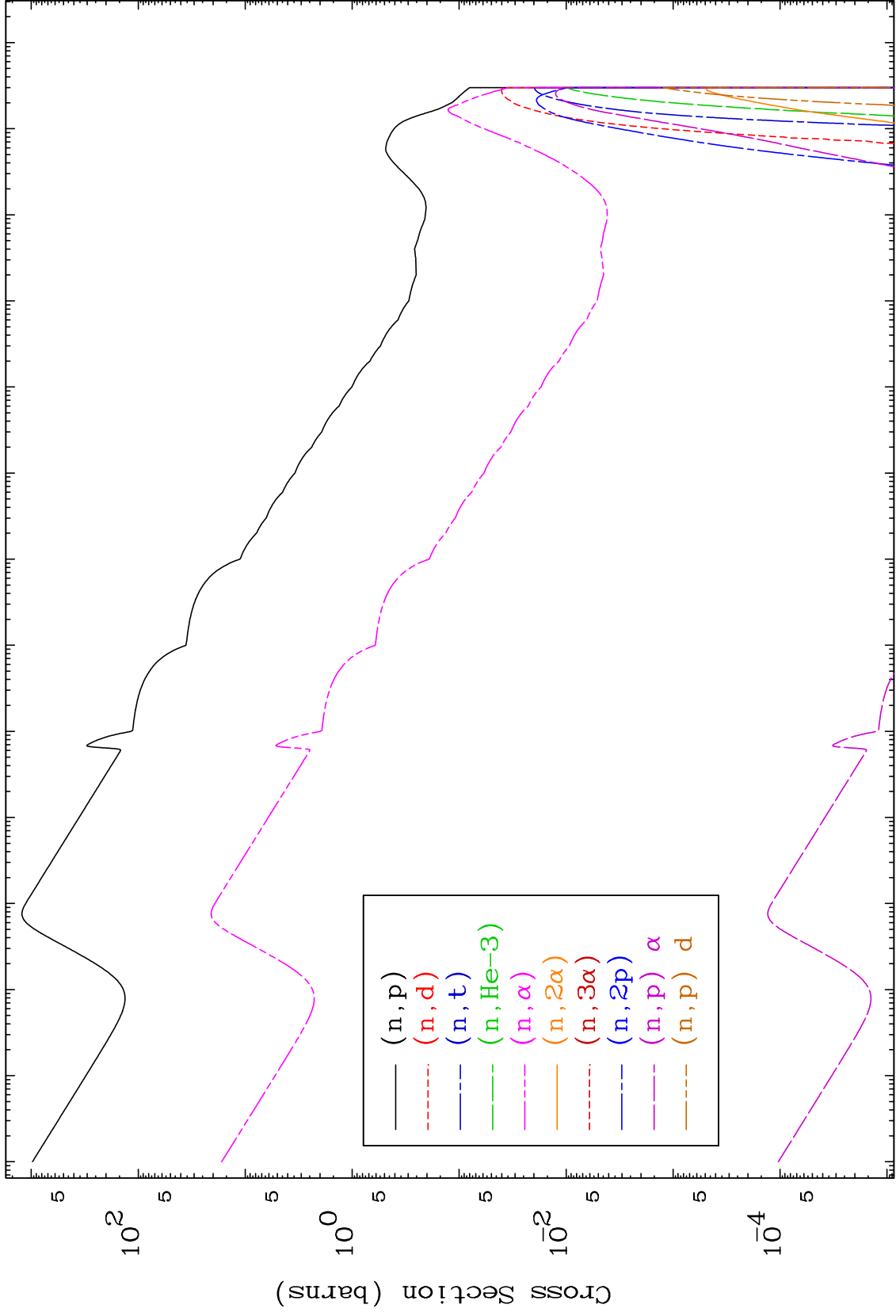




MAT 7480

Charged Particle  
293 Kelvin Cross Sections

75-Re-170



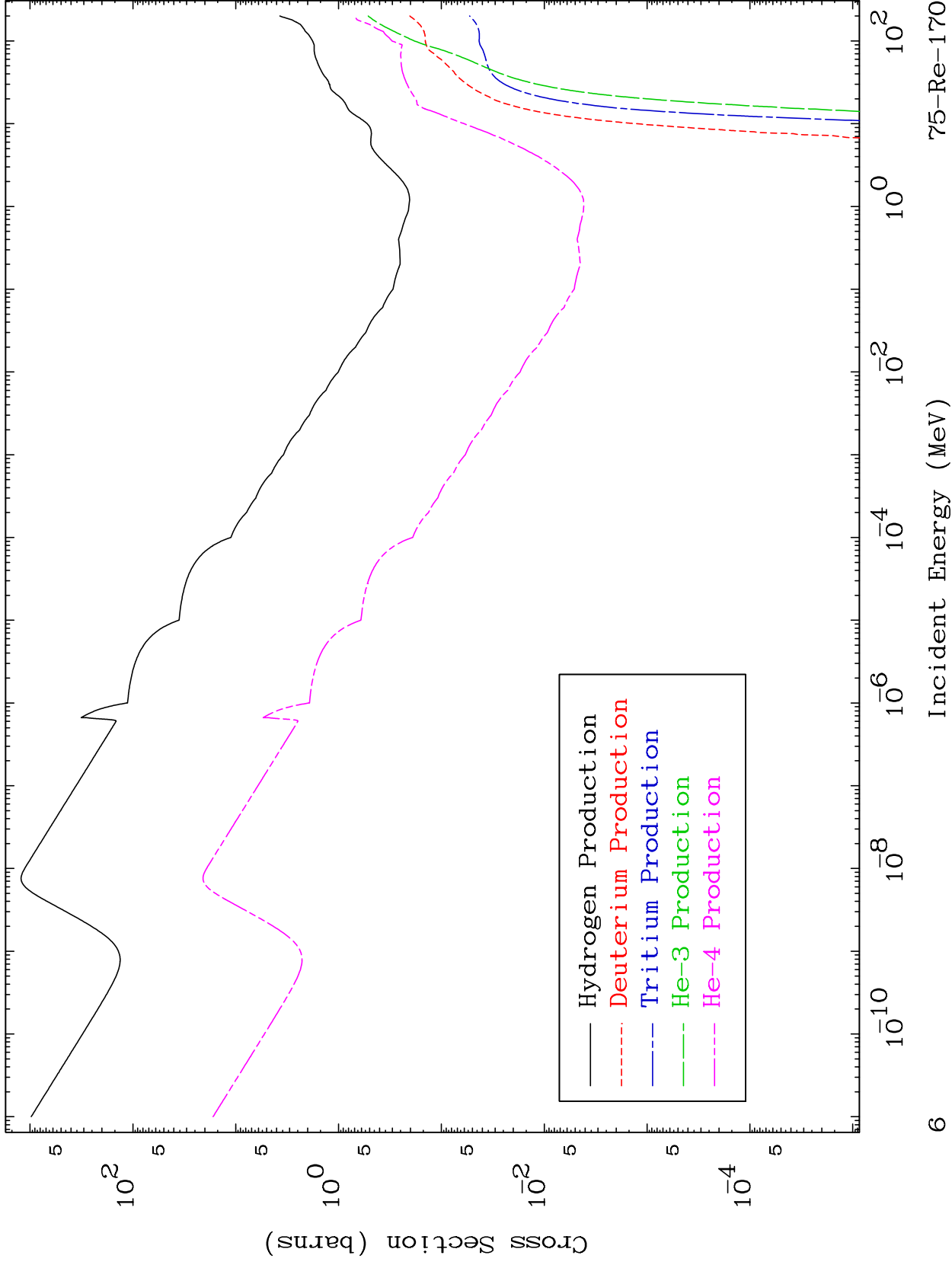
75-Re-170

Incident Energy (MeV)

MAT 7480

Particle Production  
293 Kelvin Cross Sections

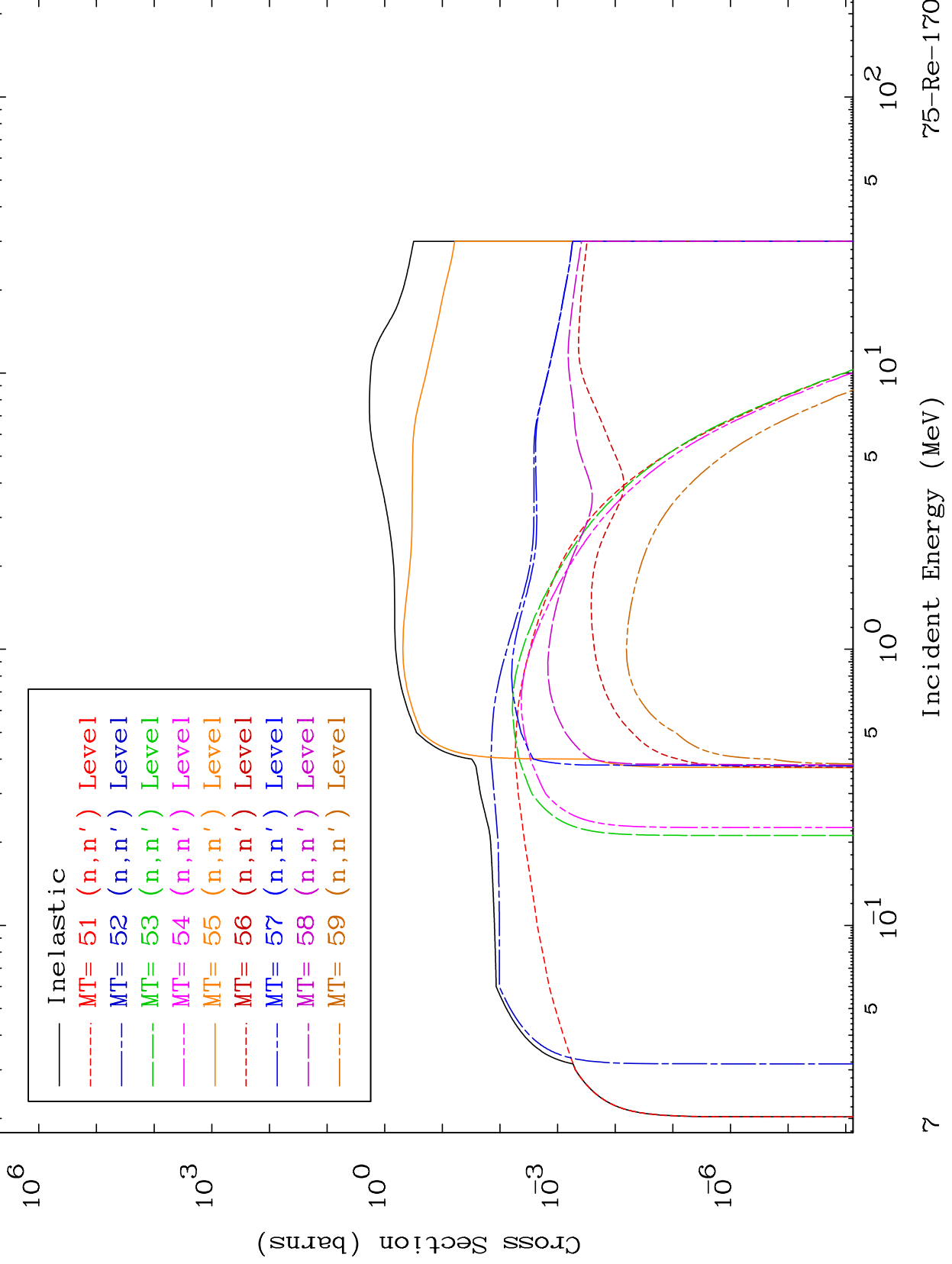
75-Re-170



MAT 7480

(n,n') Level  
293 Kelvin Cross Sections

75-Re-170



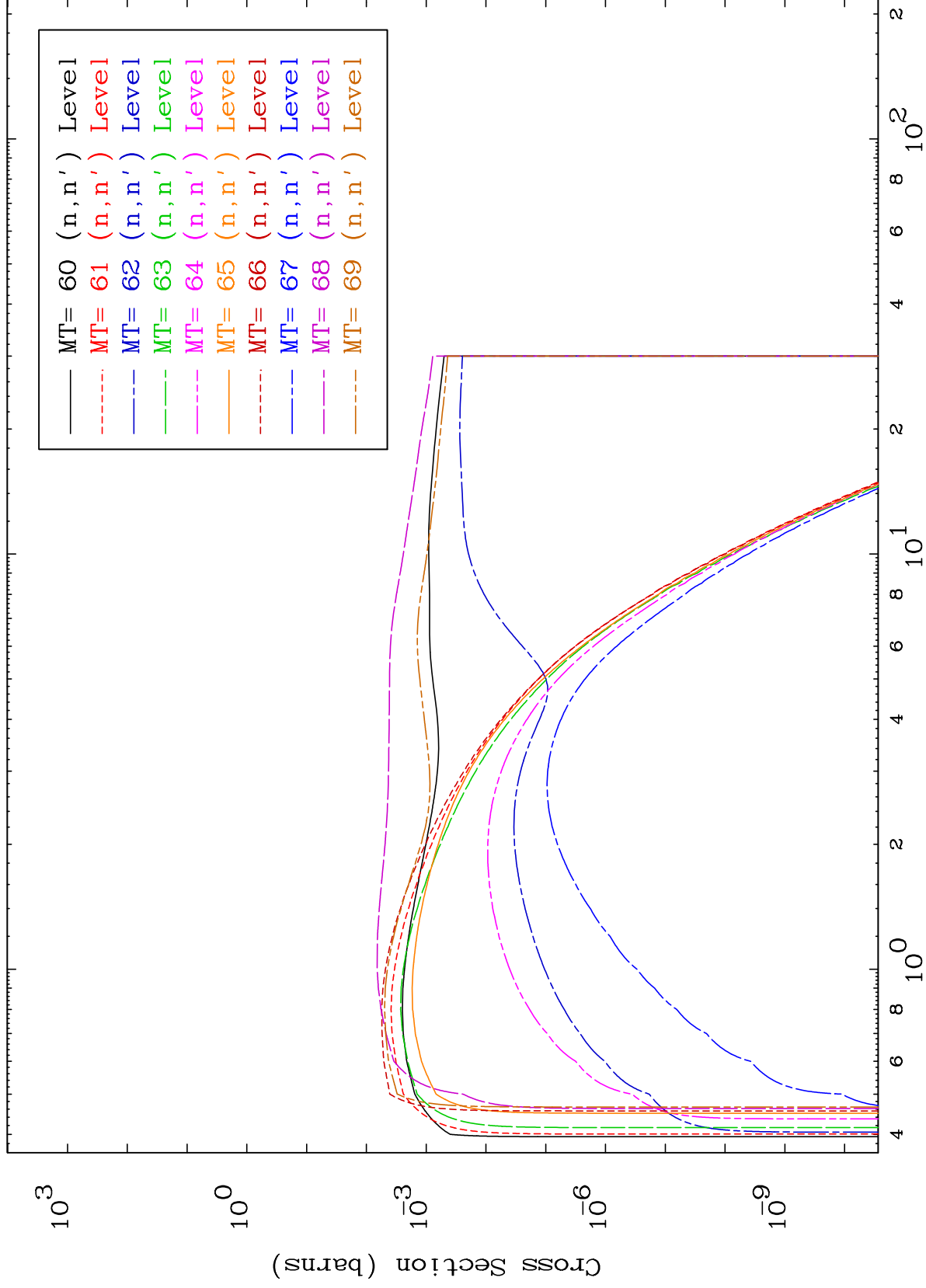


MAT 7480

(n,n') Level

75-Re-170

293 Kelvin Cross Sections



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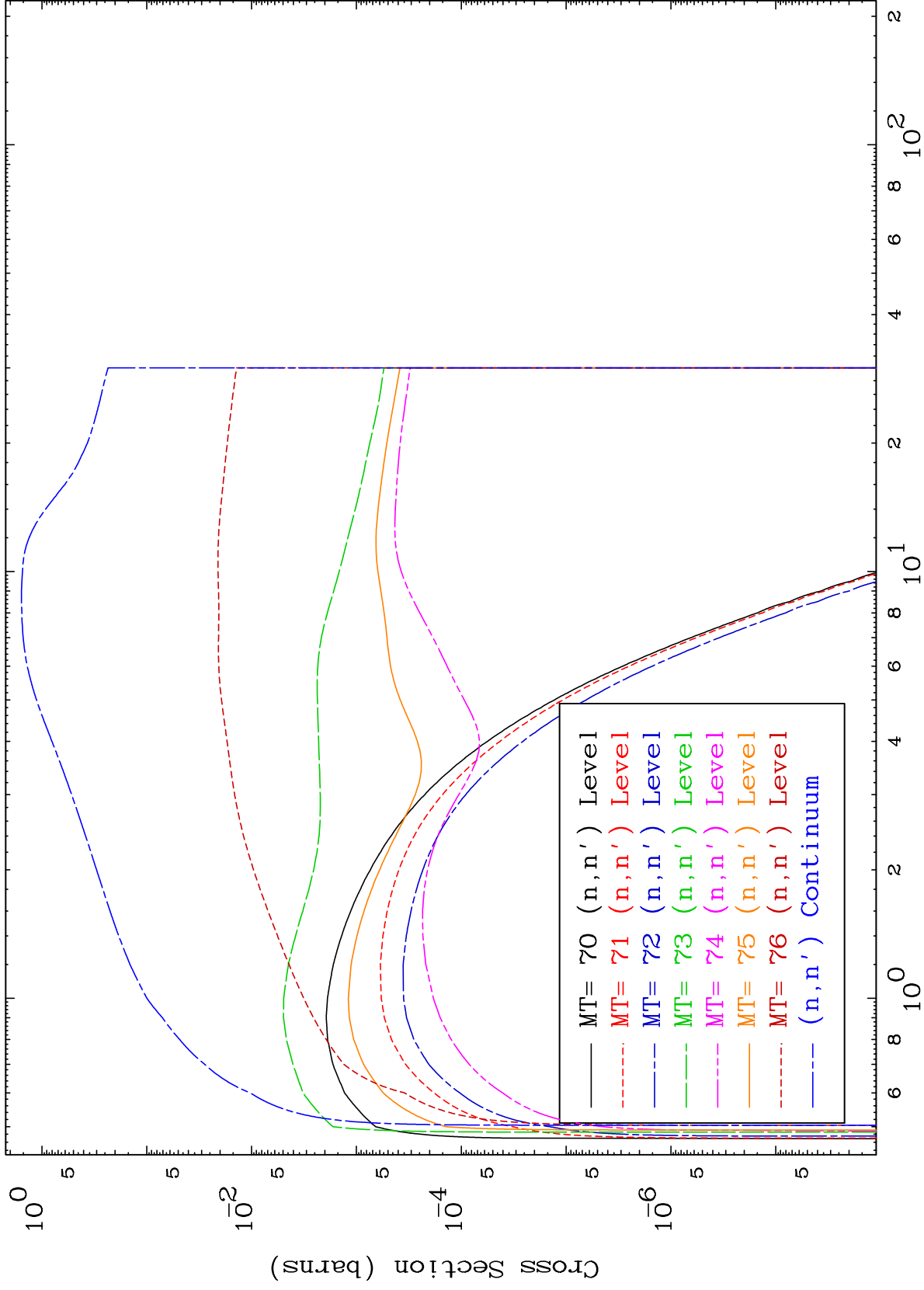
Incident Energy (MeV)

75-Re-170

MAT 7480

(n,n') Level  
293 Kelvin Cross Sections

75-Re-170



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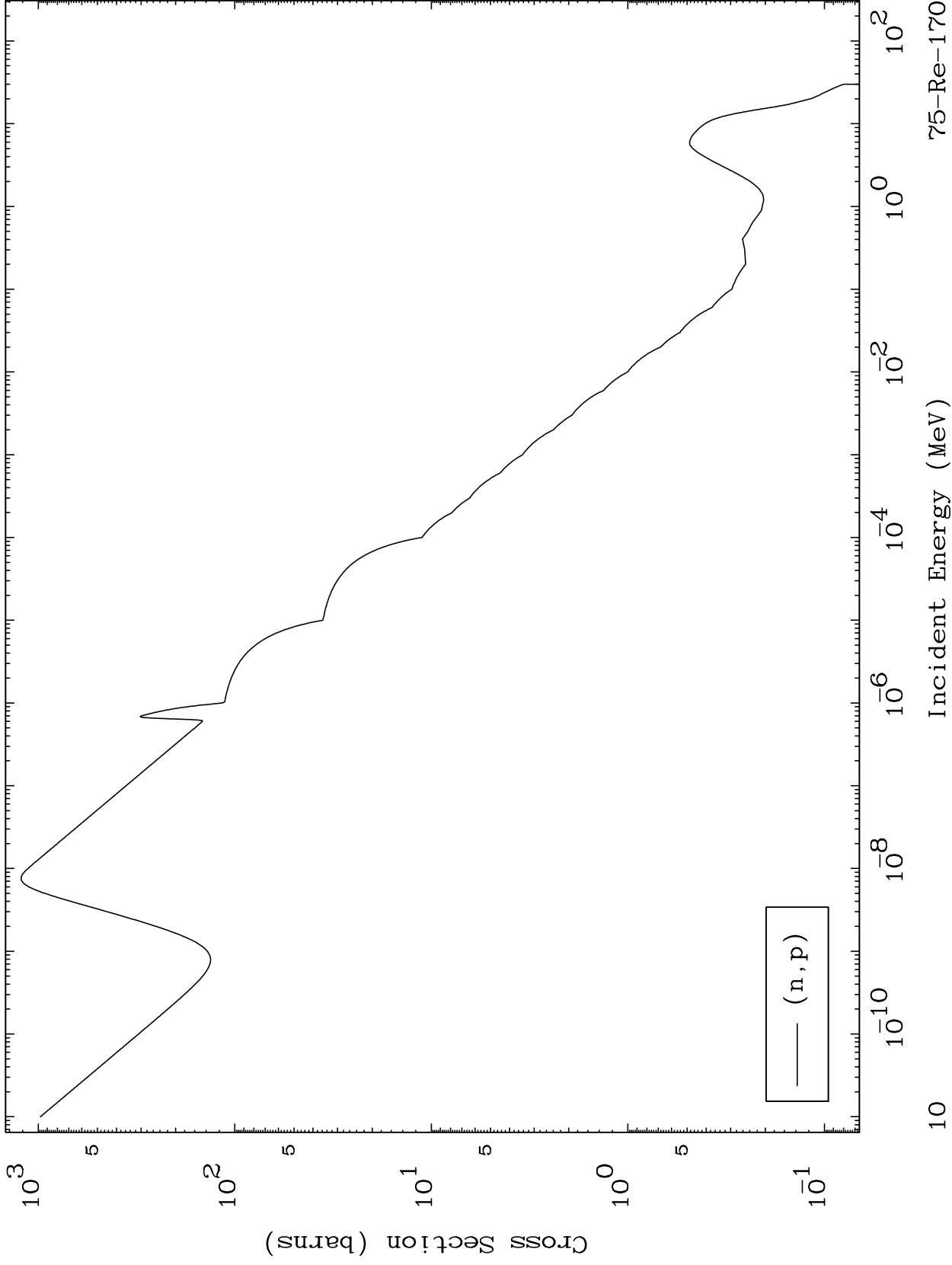
Incident Energy (MeV)

75-Re-170

MAT 7480

(n,p) Levels  
293 Kelvin Cross Sections

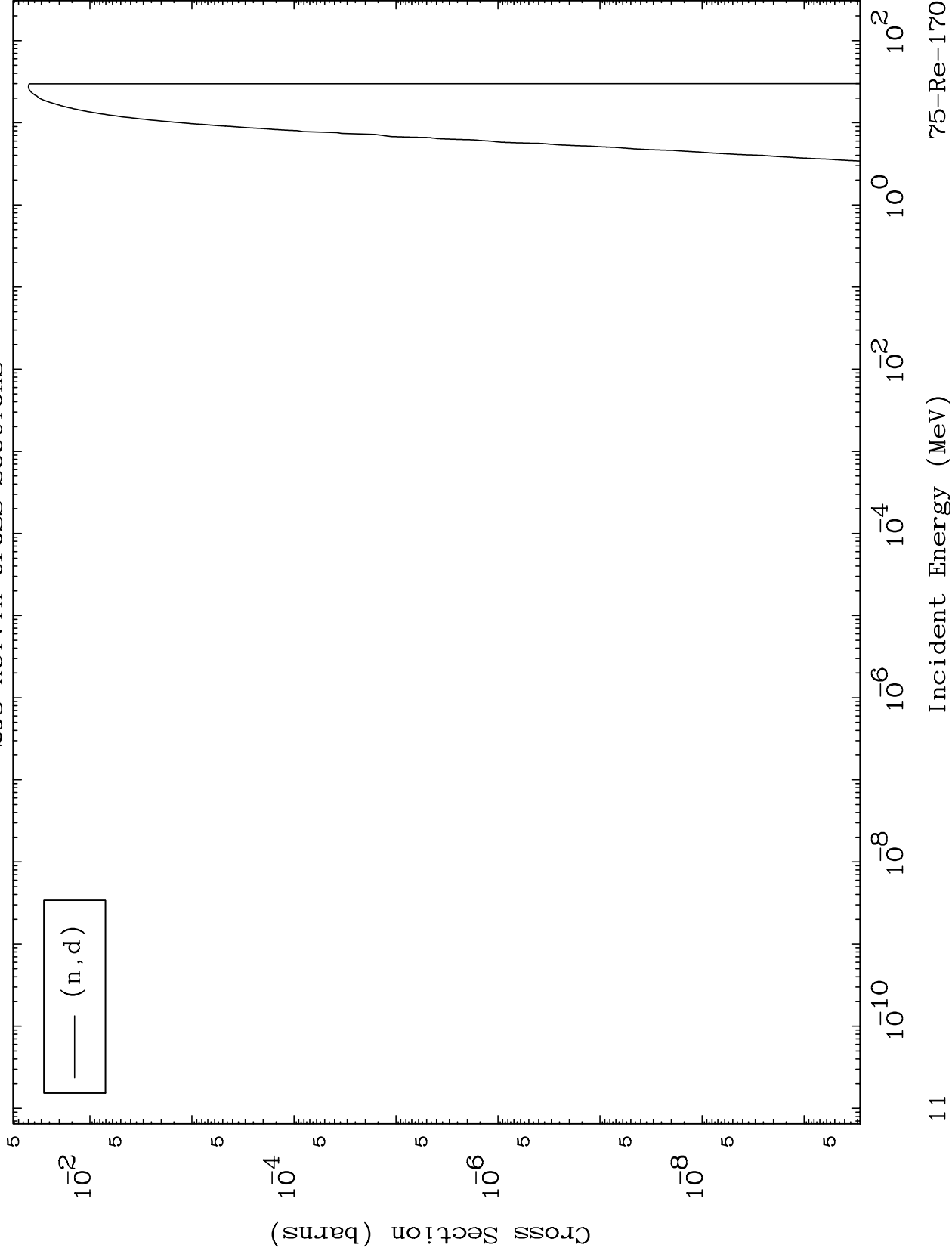
75-Re-170



MAT 7480

(n,d) Levels  
293 Kelvin Cross Sections

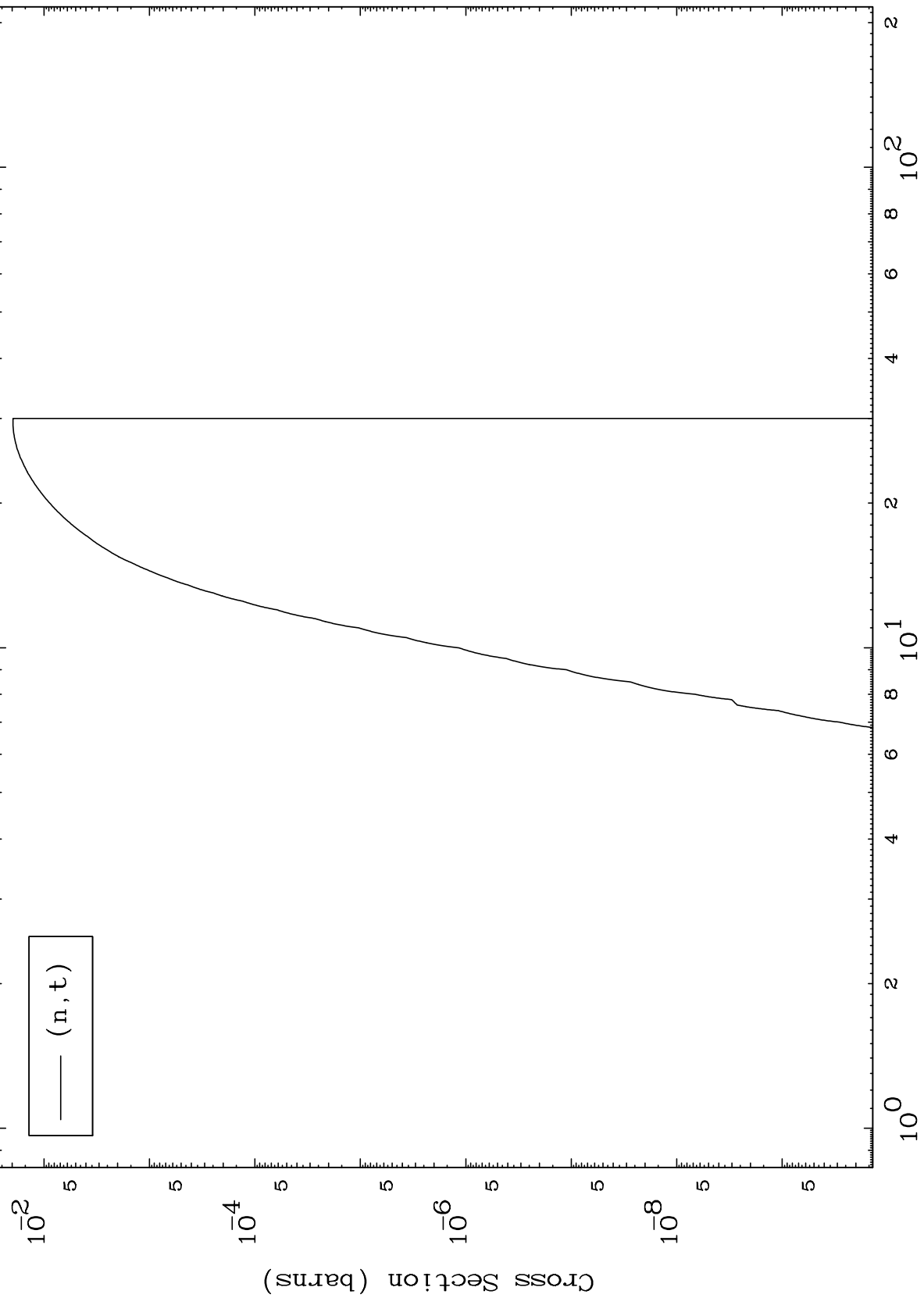
75-Re-170



MAT 7480

(n,t) Levels  
293 Kelvin Cross Sections

75-Re-170



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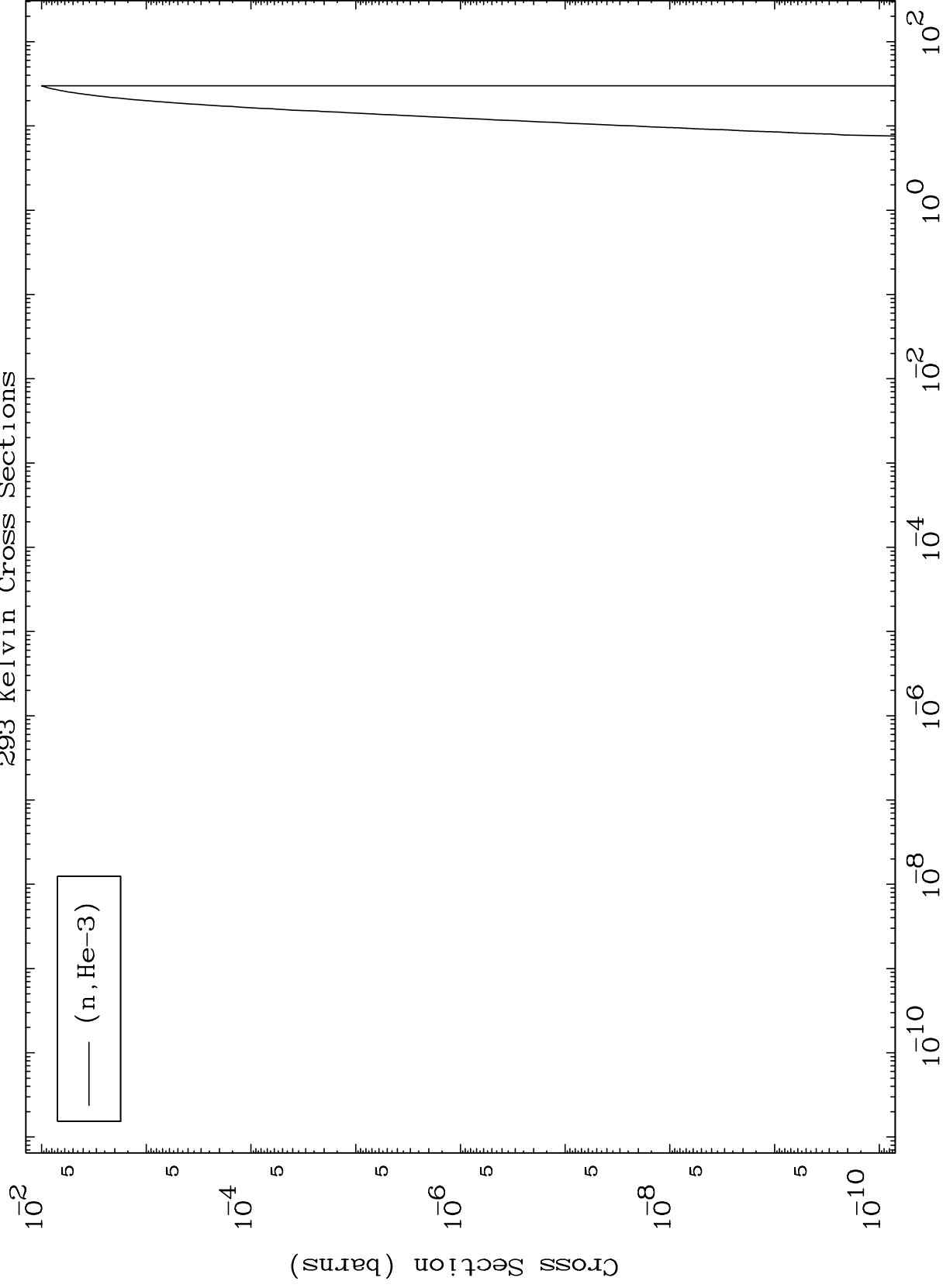
Incident Energy (MeV)

75-Re-170

MAT 7480

(n,He3) Levels  
293 Kelvin Cross Sections

75-Re-170



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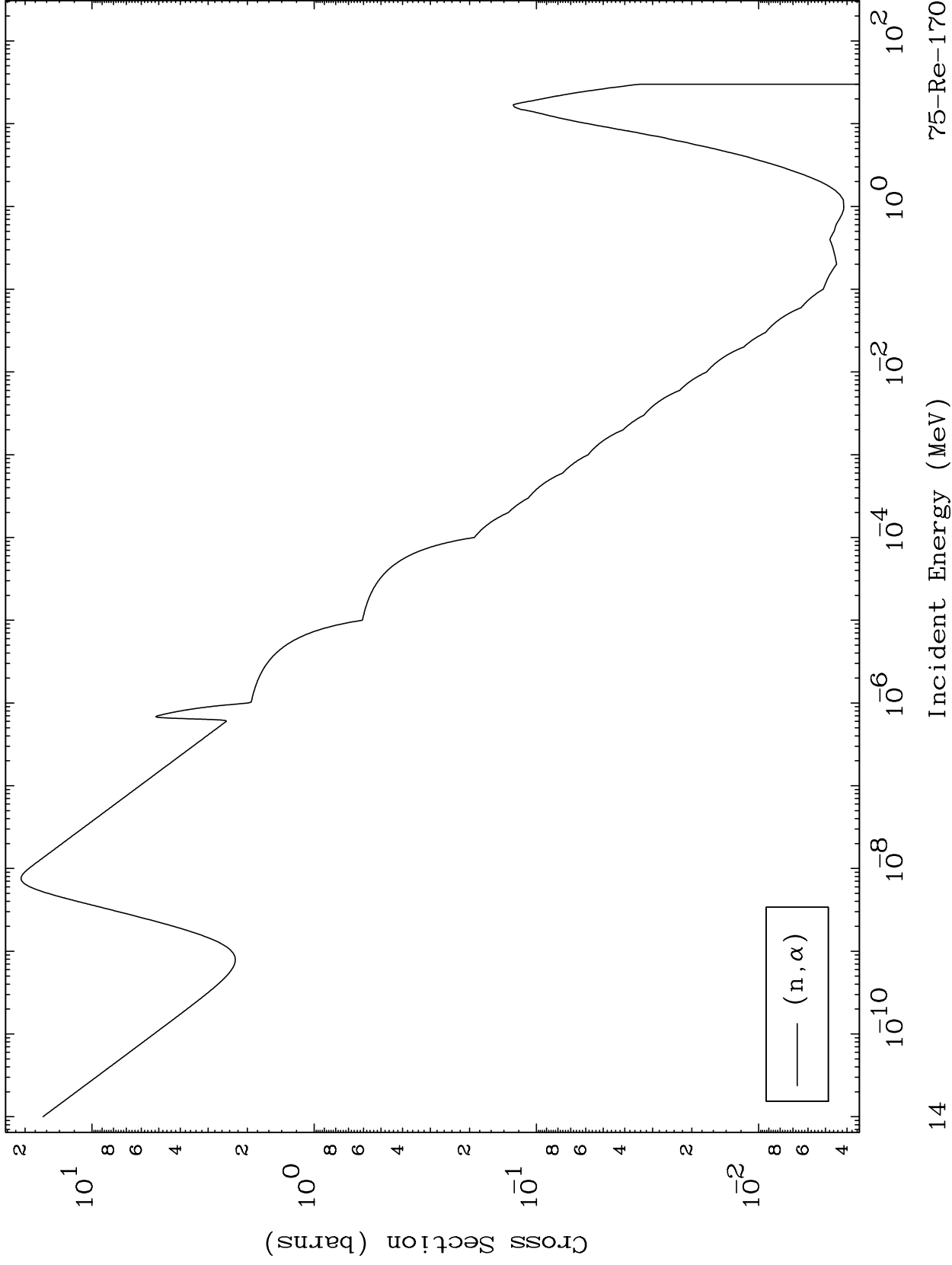
Incident Energy (MeV)

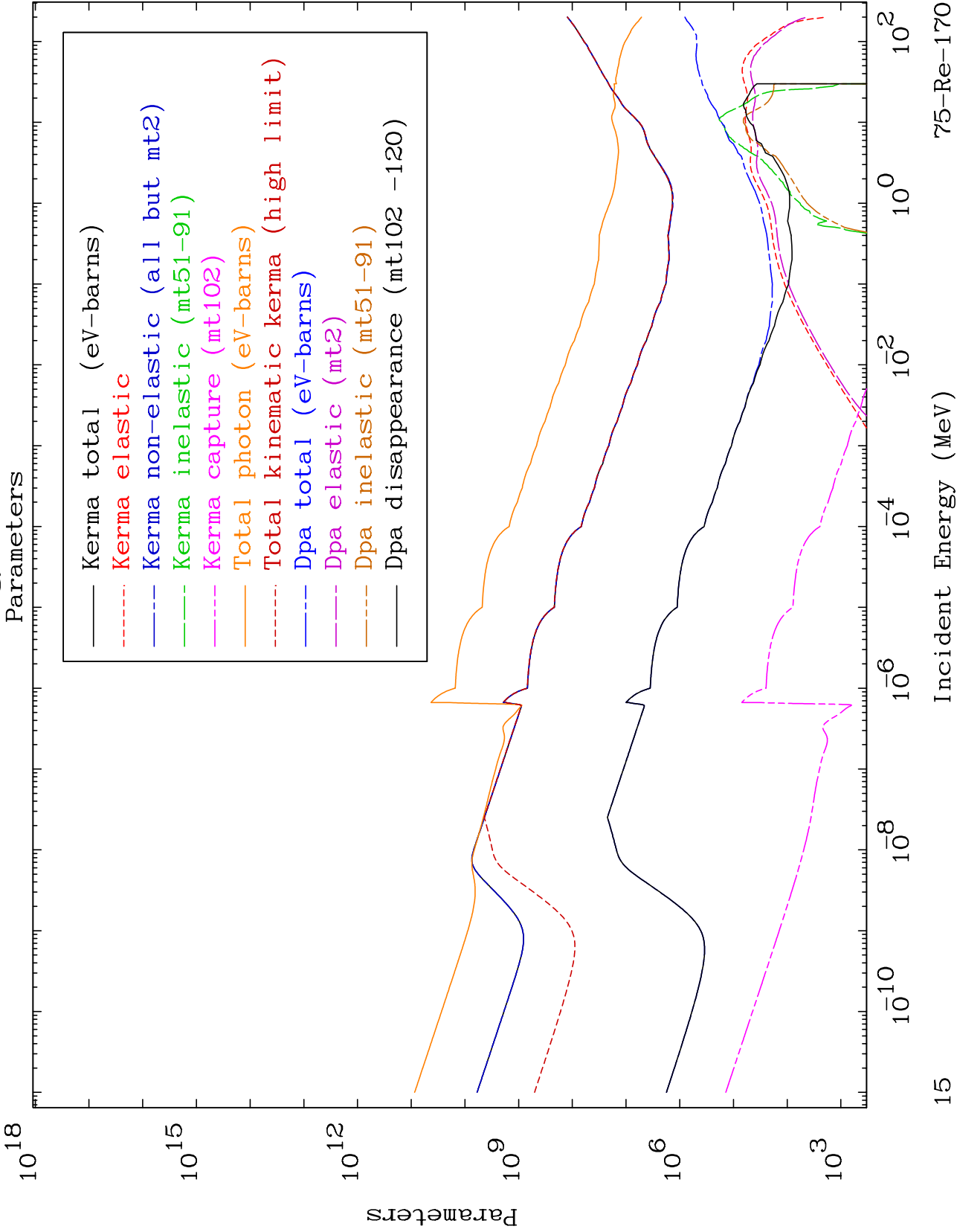
75-Re-170

MAT 7480

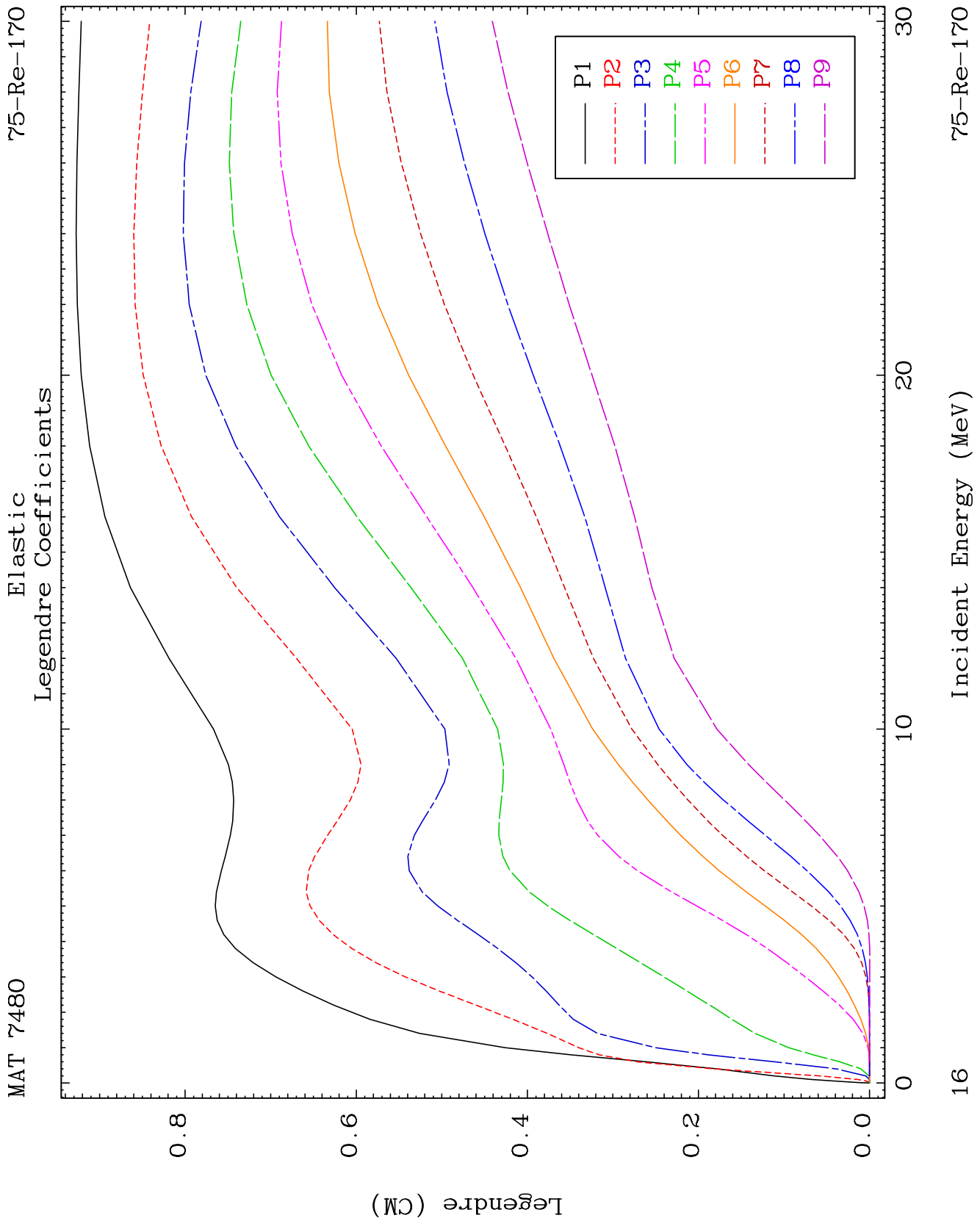
(n,α) Levels  
293 Kelvin Cross Sections

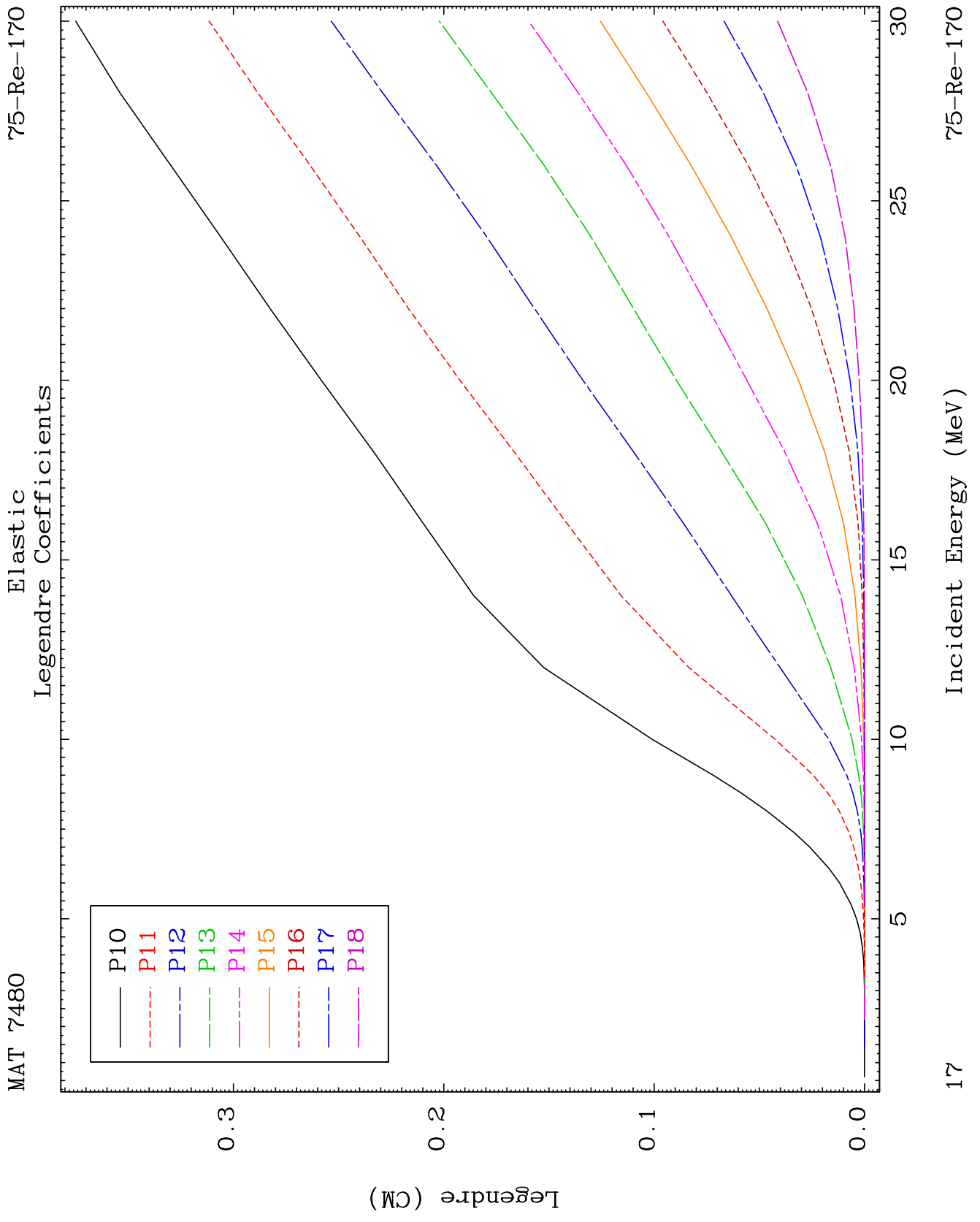
75-Re-170







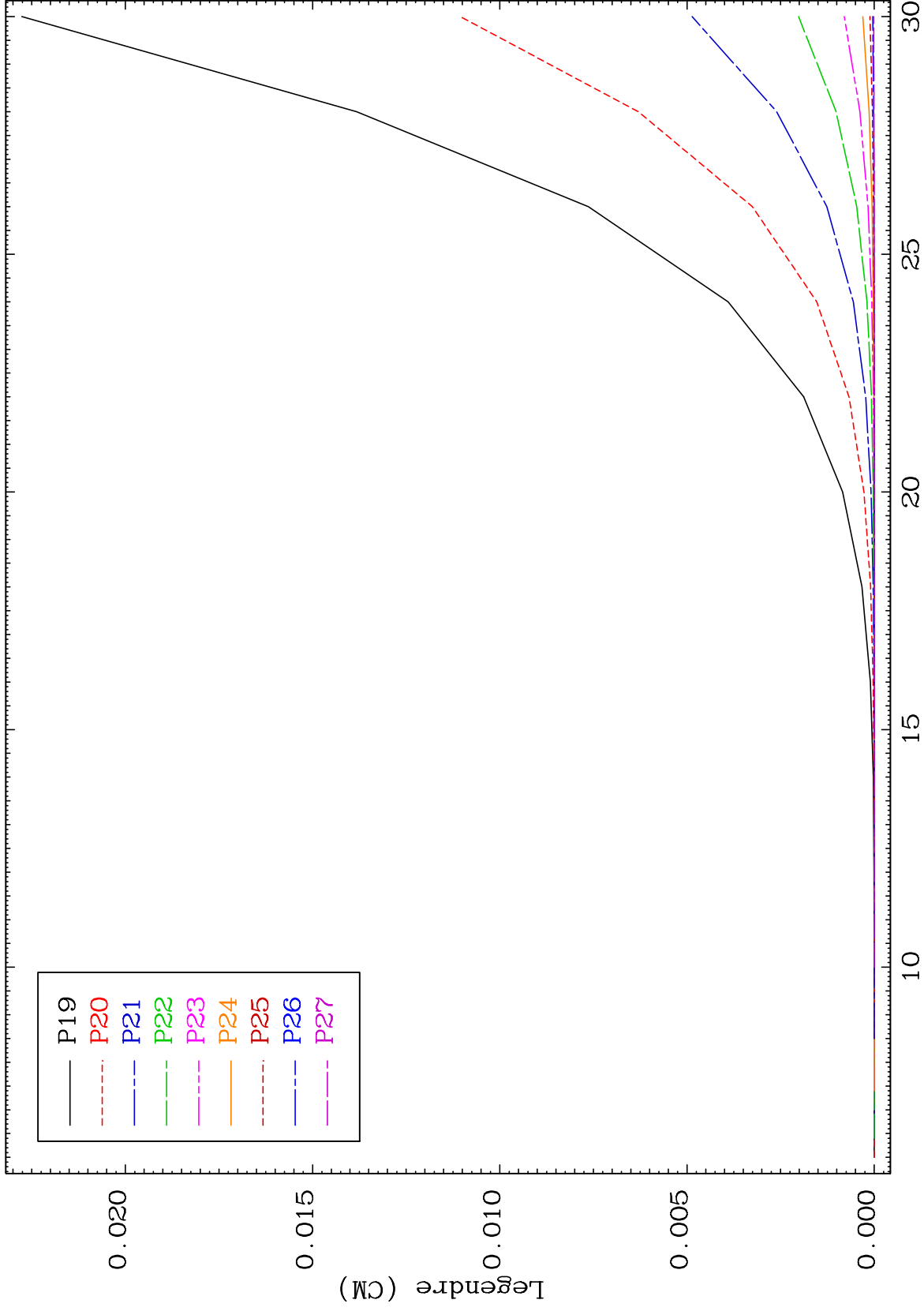




MAT 7480

Elastic  
Legendre Coefficients

75-Re-170



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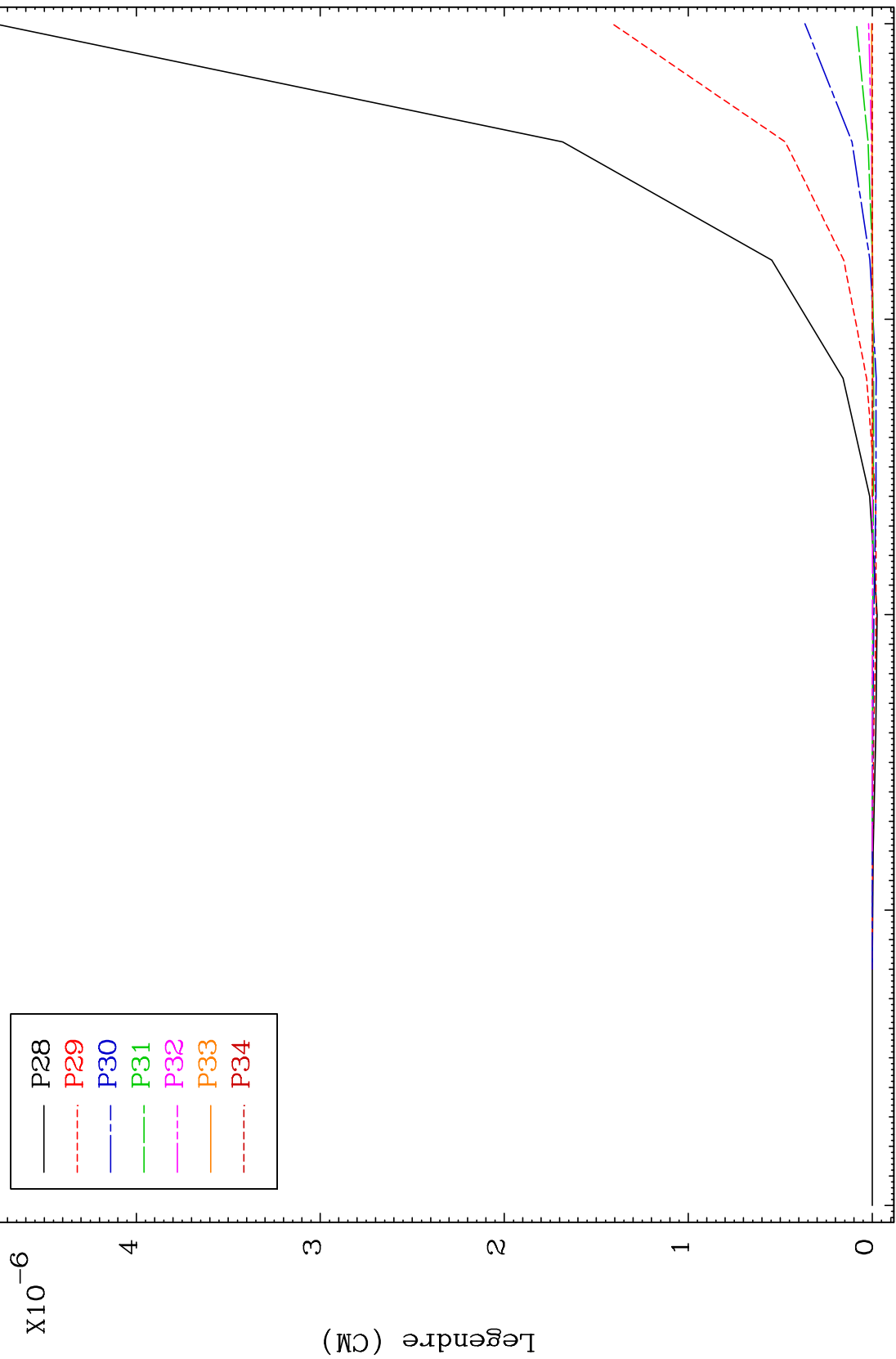
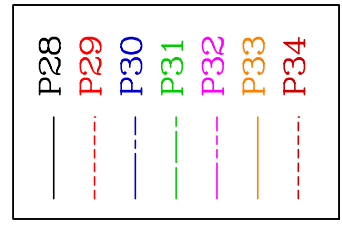
Incident Energy (MeV)

75-Re-170

MAT 7480

Elastic Legendre Coefficients

75-Re-170



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Incident Energy (MeV)

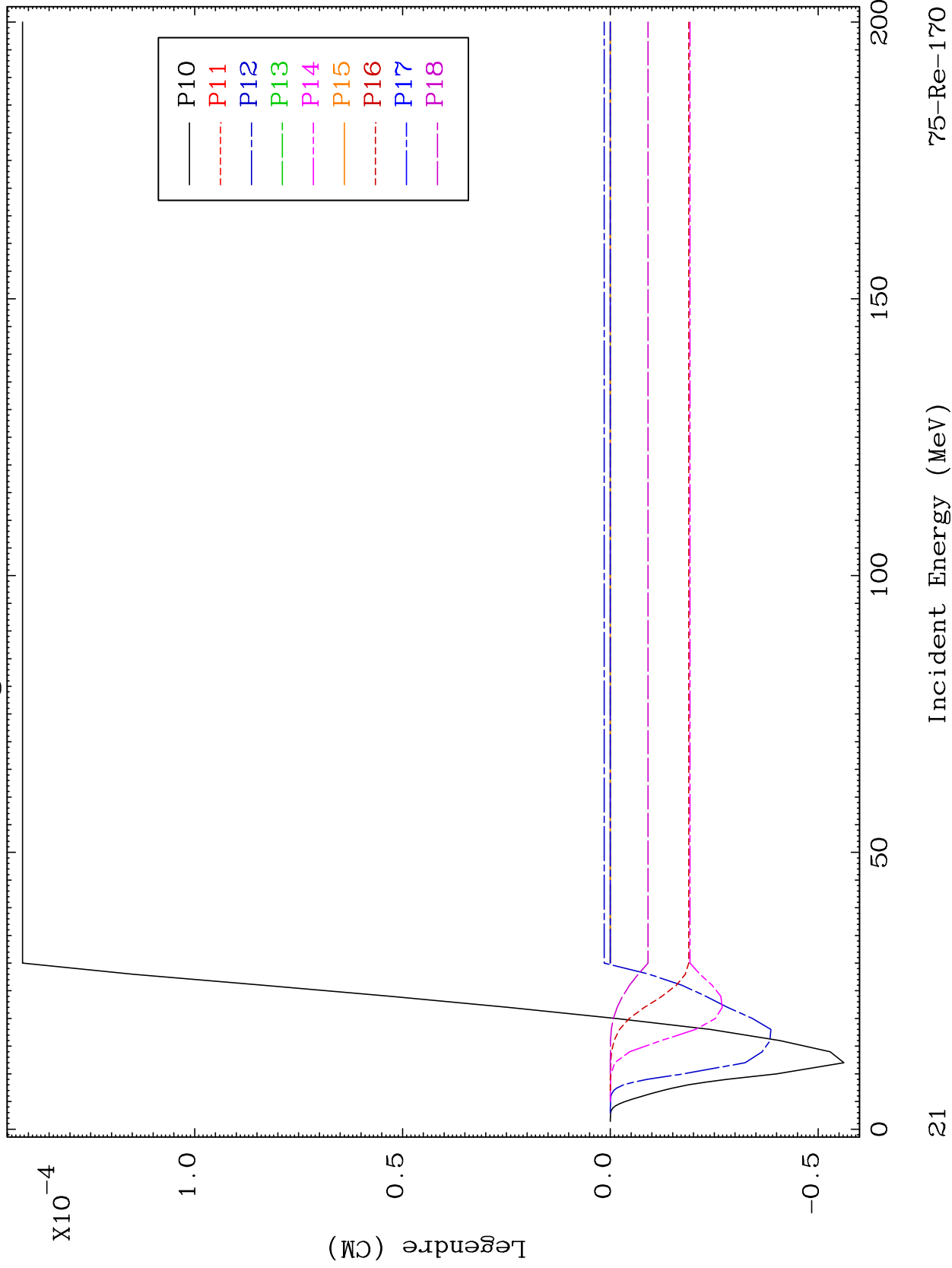
75-Re-170

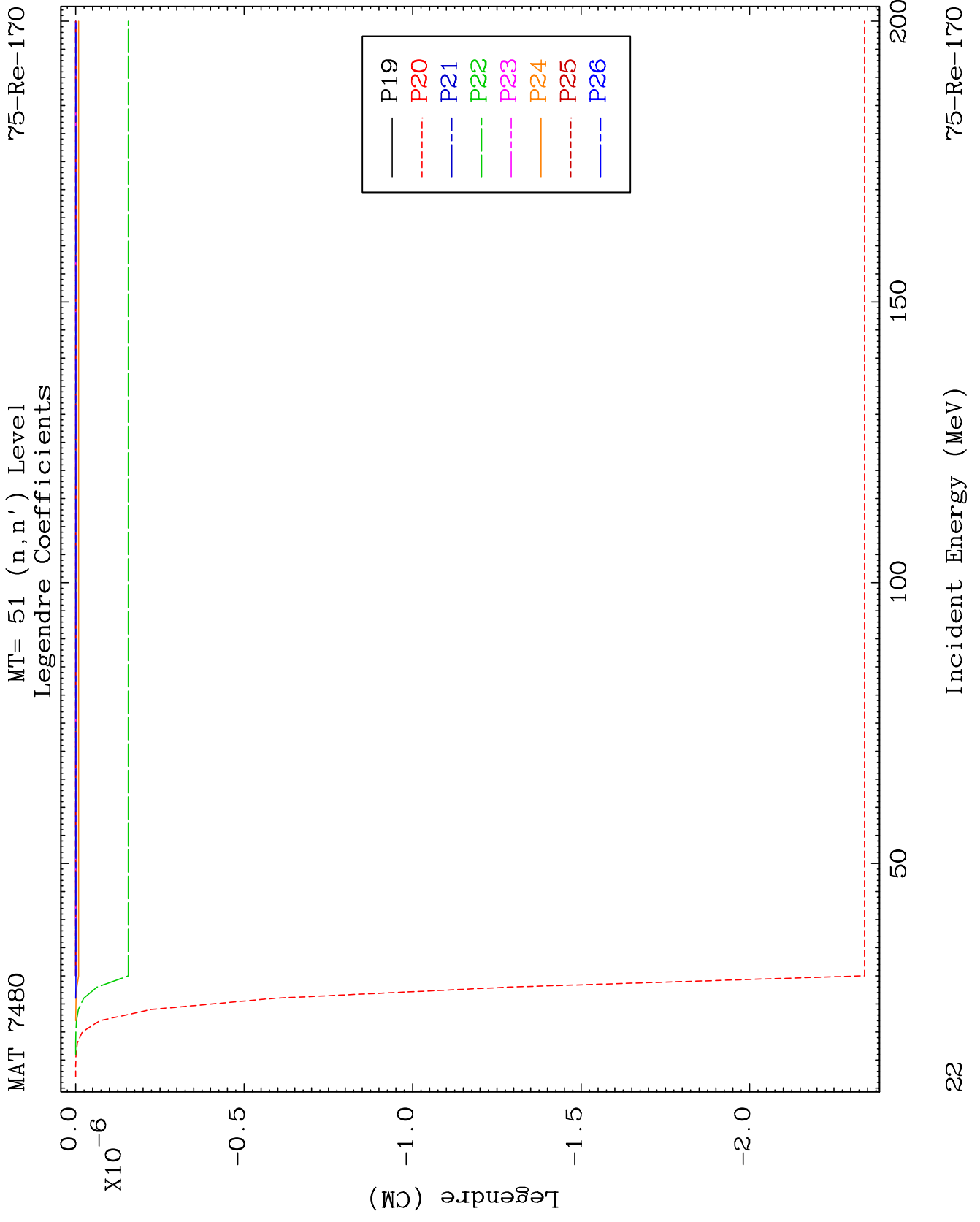


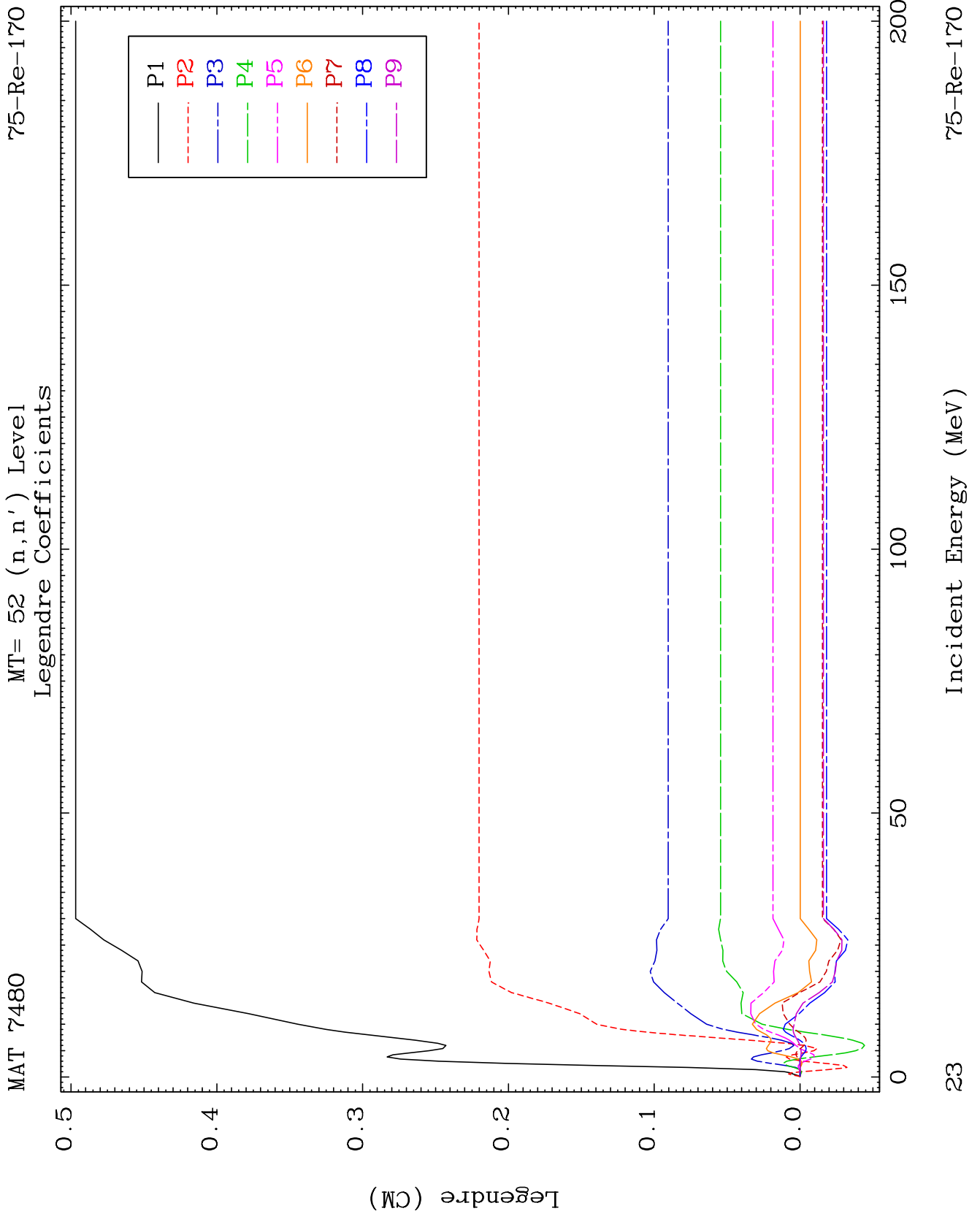
MAT 7480

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

75-Re-170





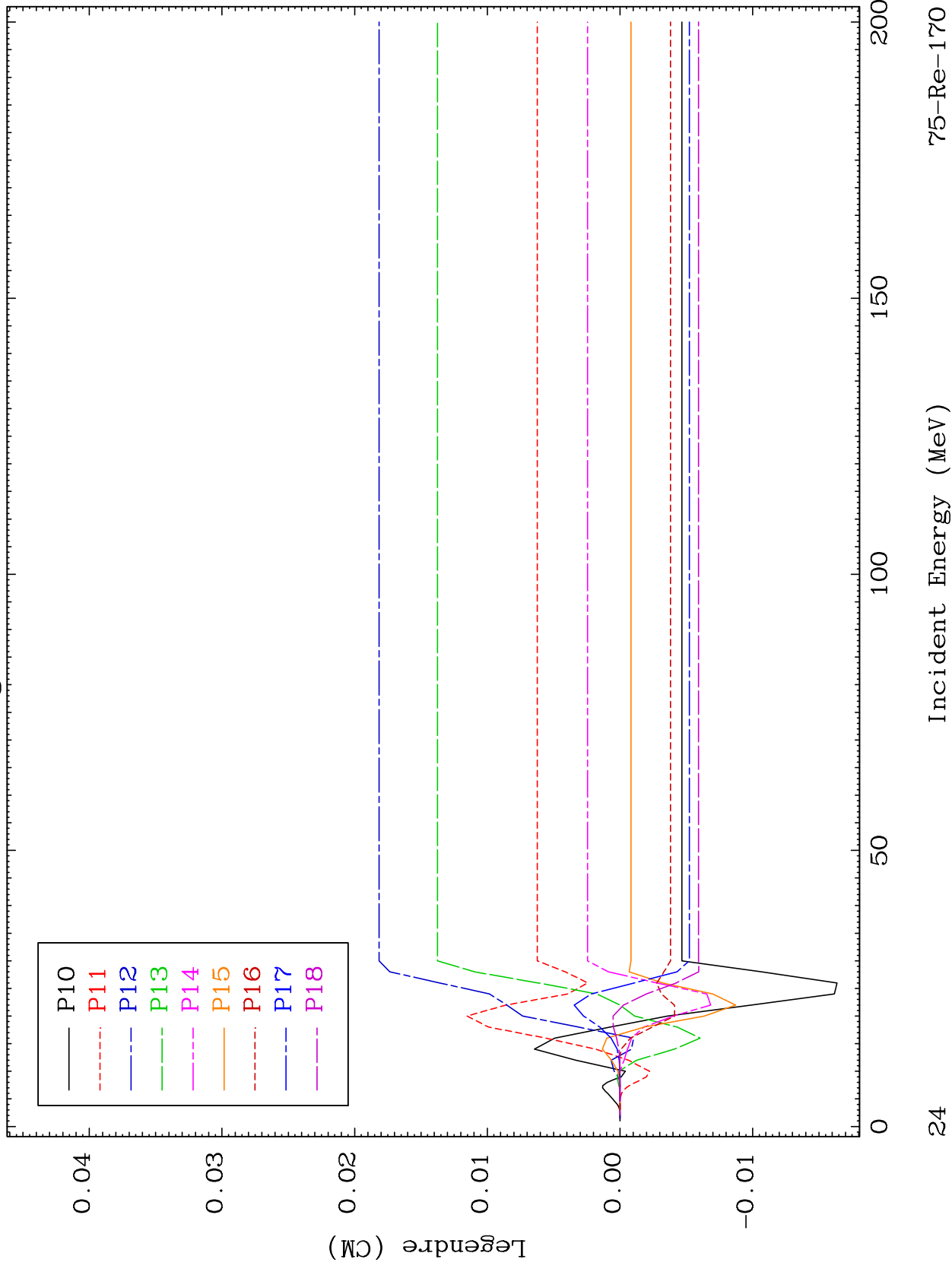




MAT 7480

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

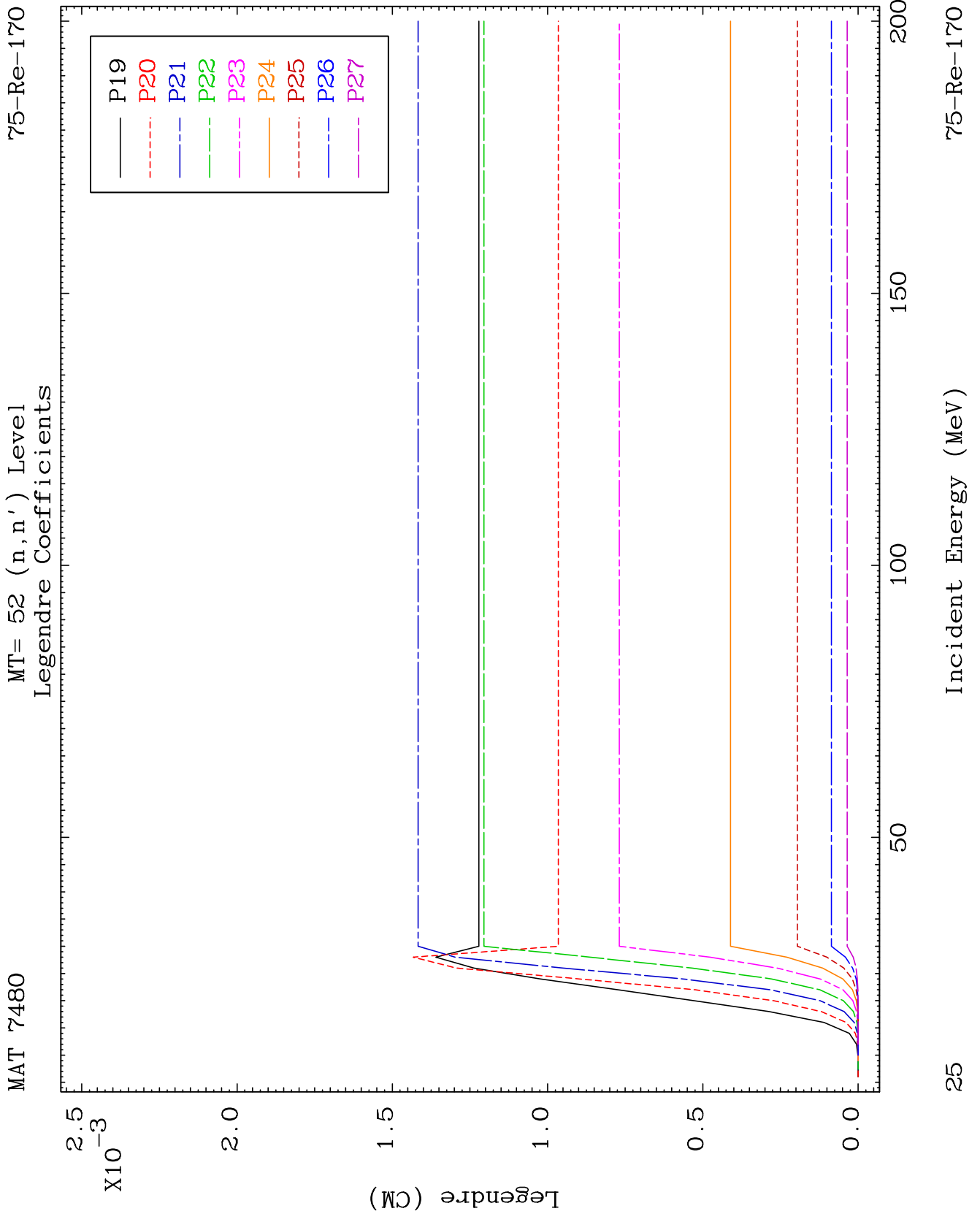
75-Re-170



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Incident Energy (MeV)

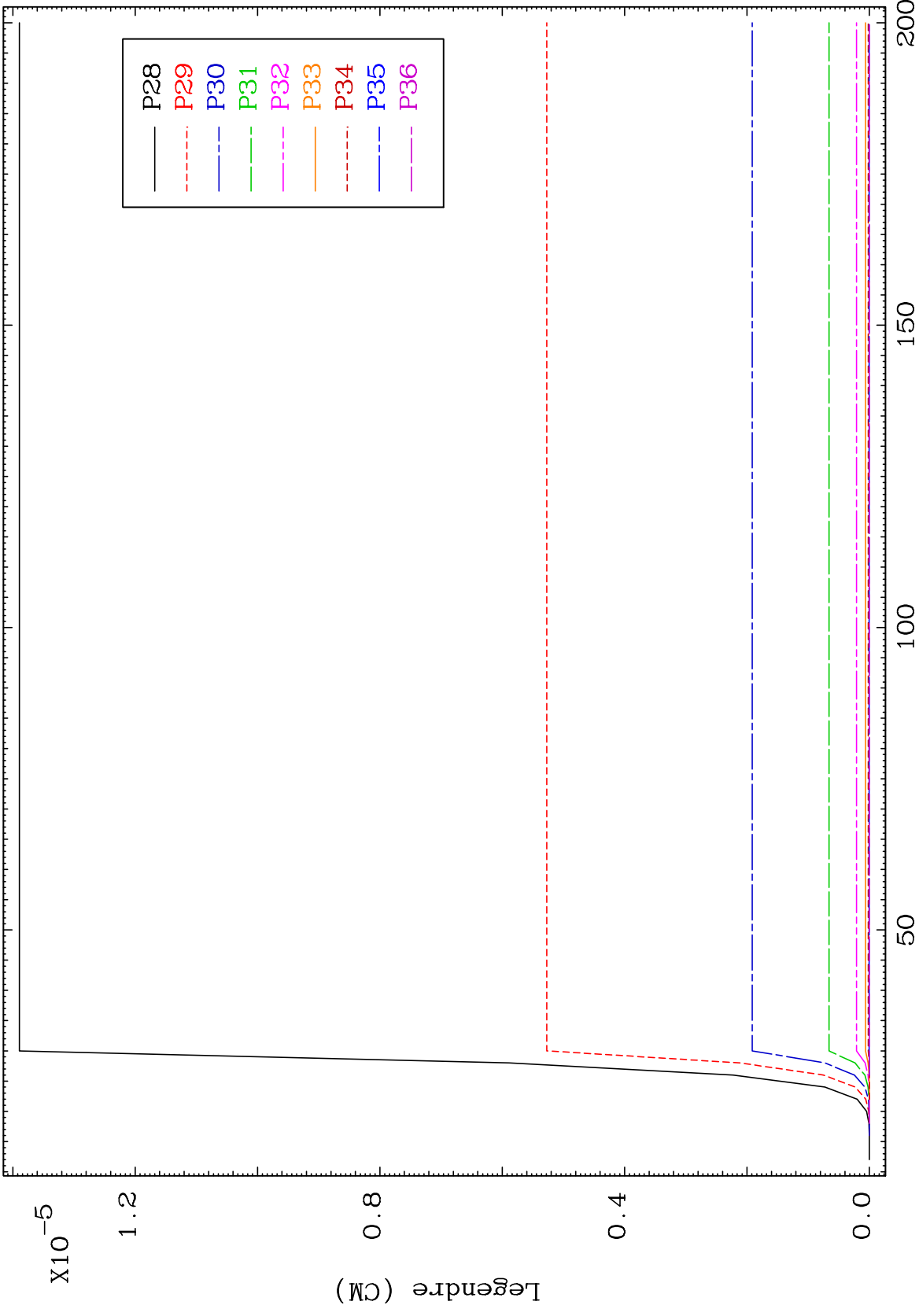
75-Re-170



MAT 7480

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

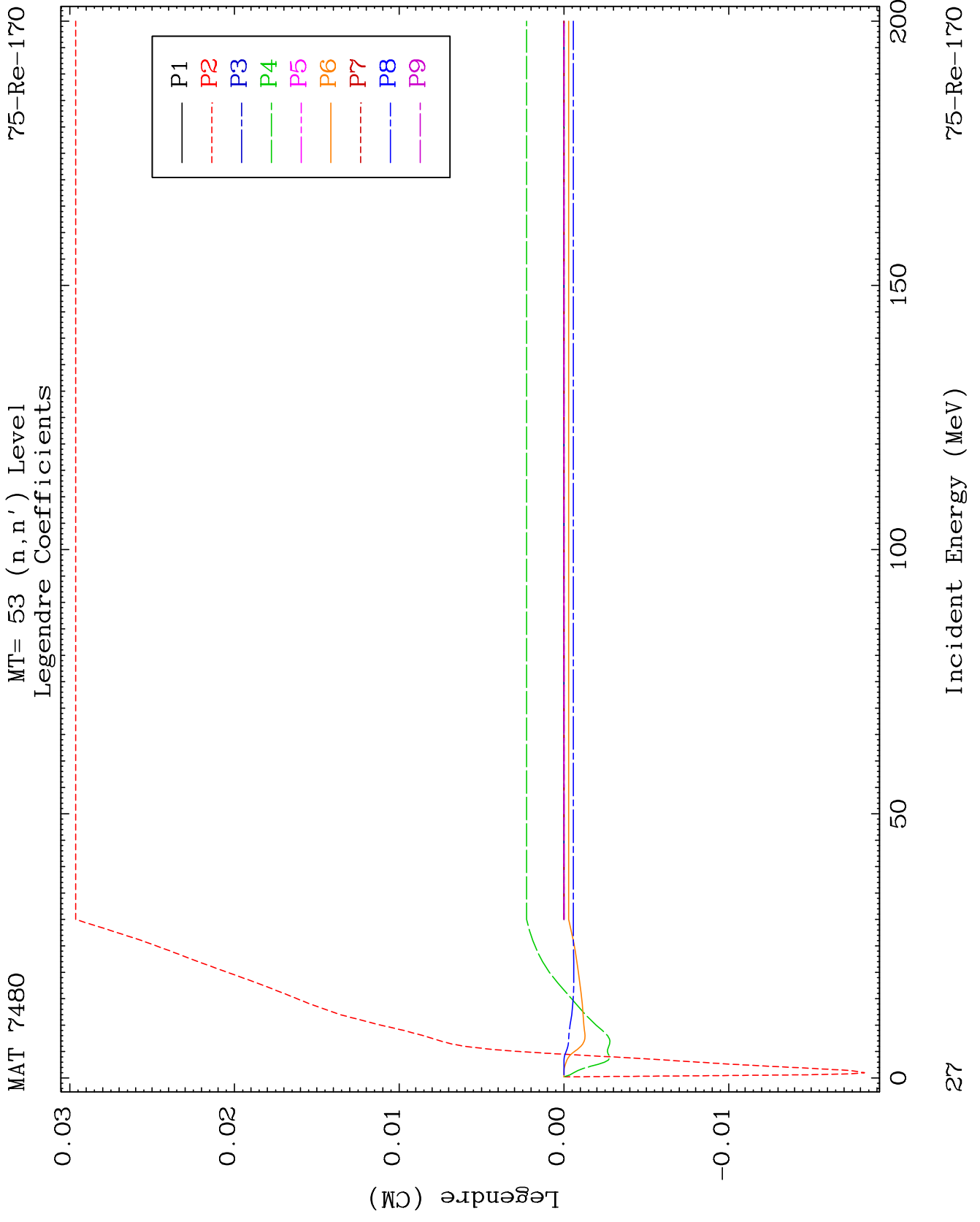
75-Re-170



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Incident Energy (MeV)

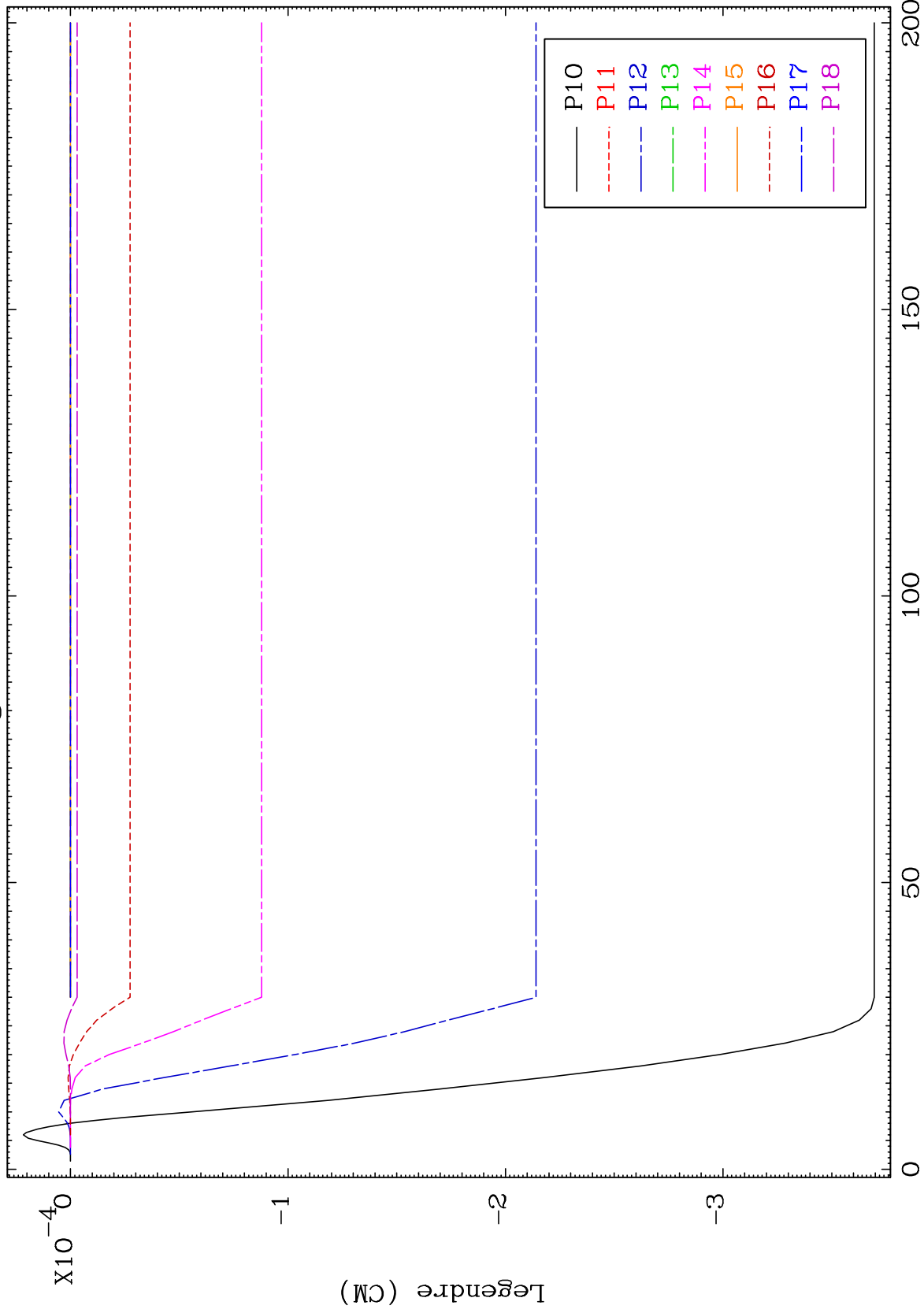
75-Re-170



MAT 7480

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

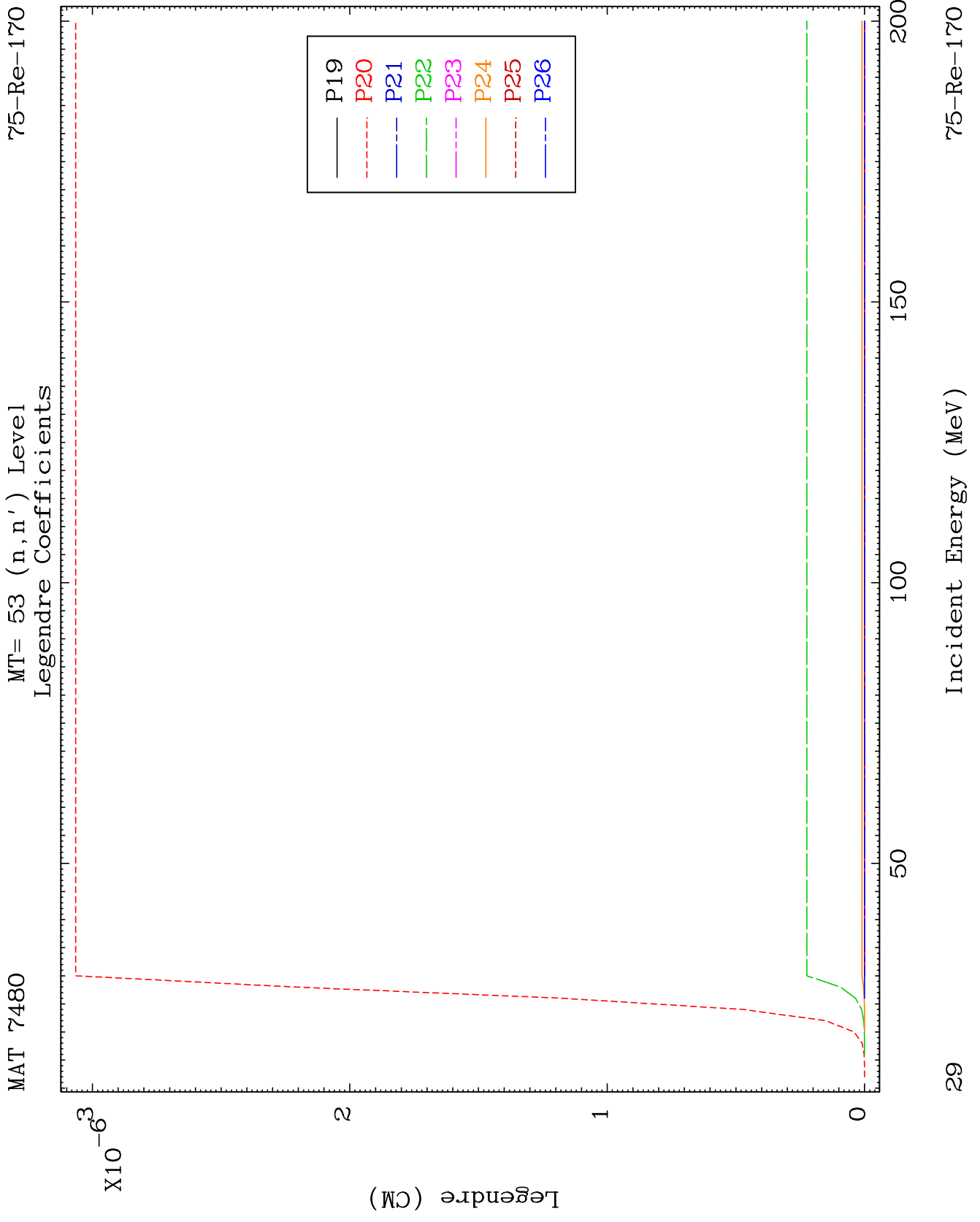
75-Re-170

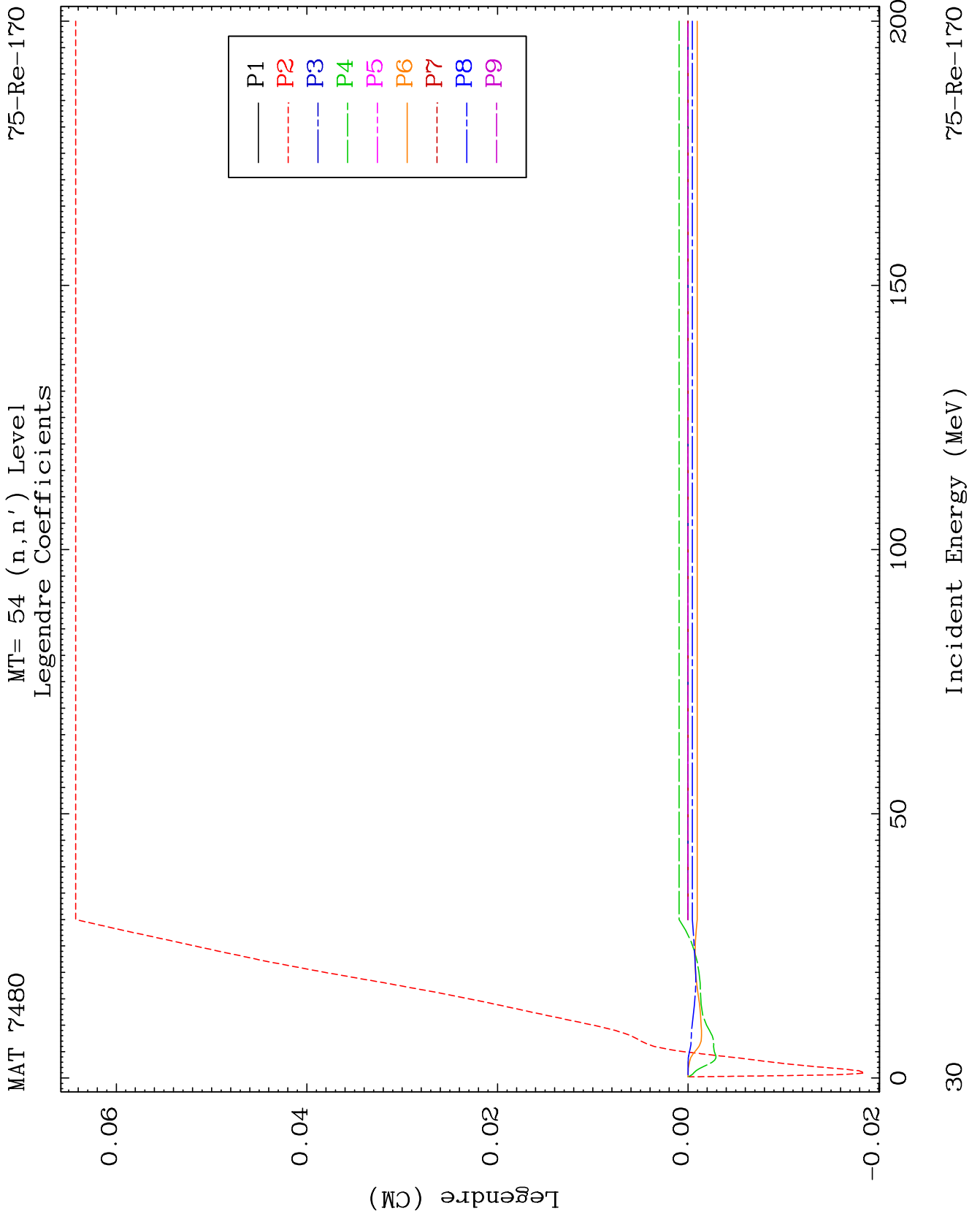


28

Incident Energy (MeV)

75-Re-170

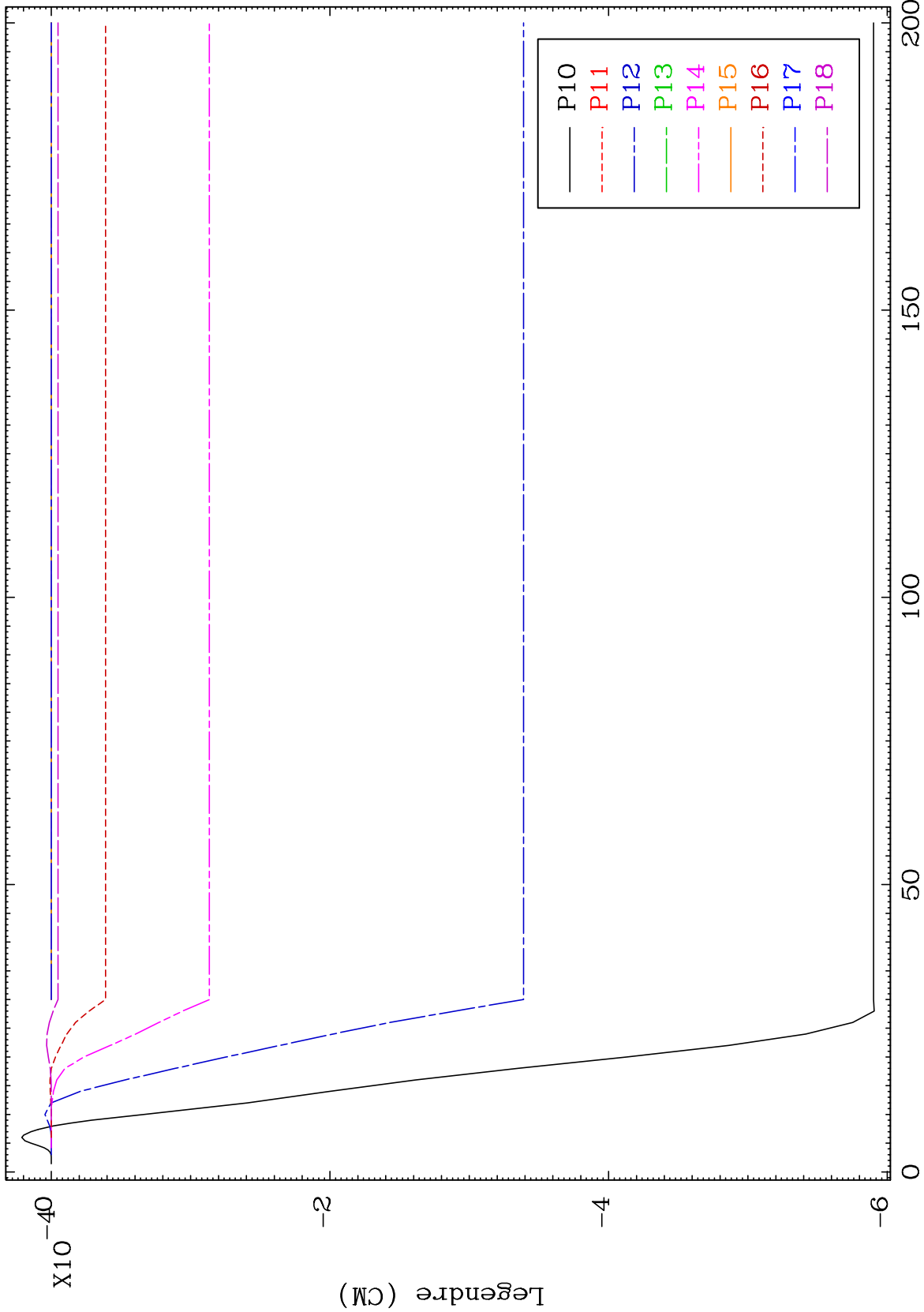




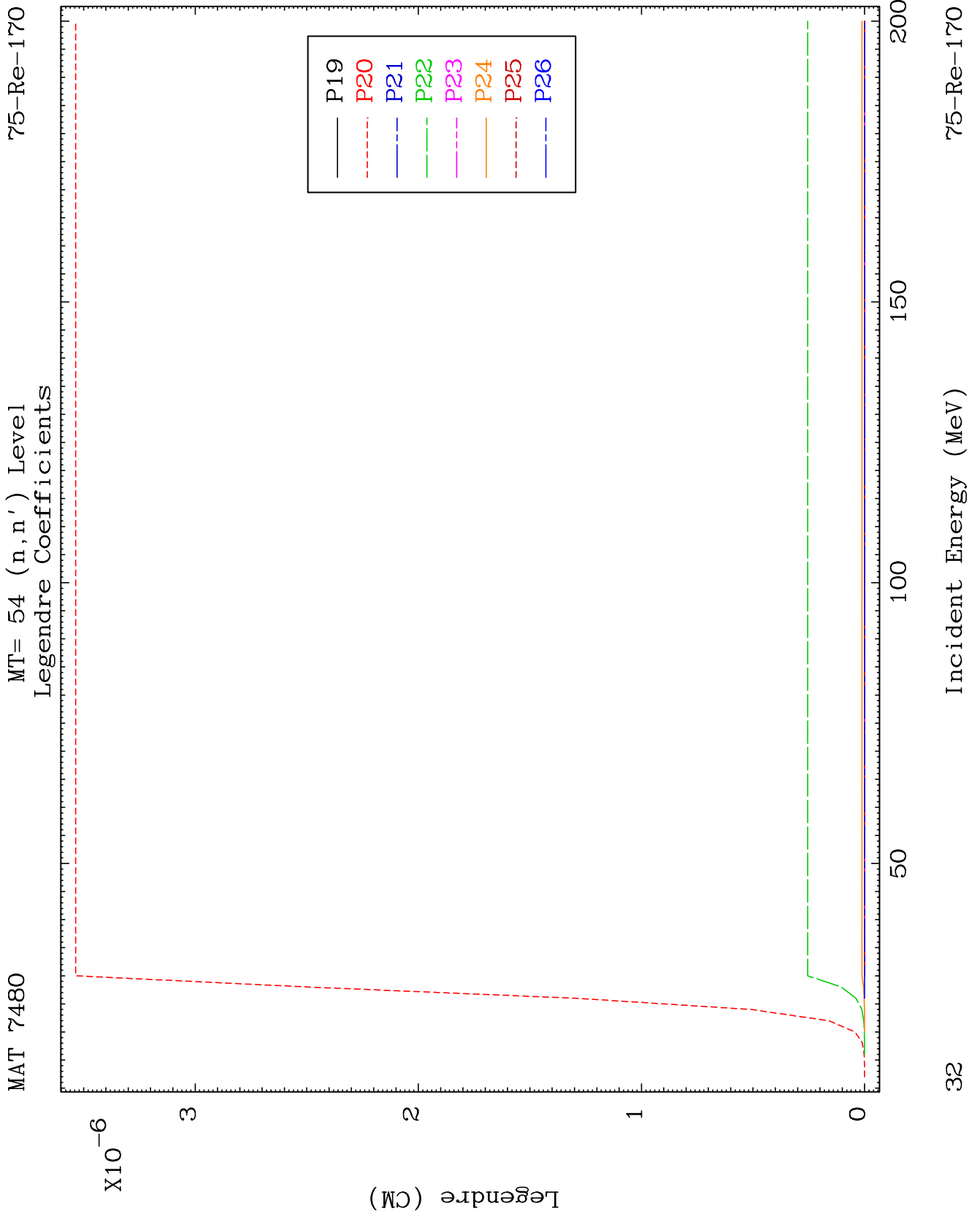
MAT 7480

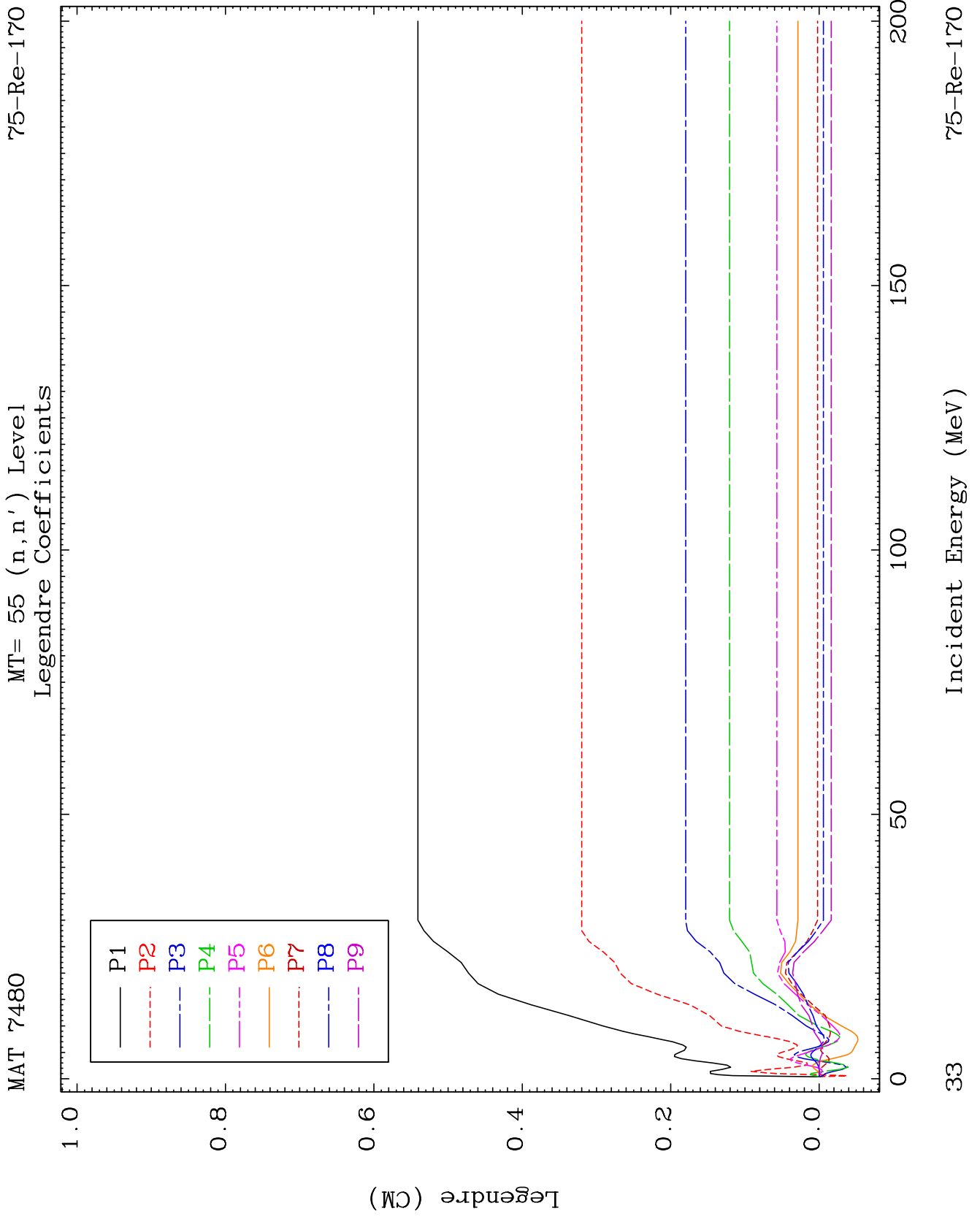
MT= 54 (n,n') Level  
Legendre Coefficients

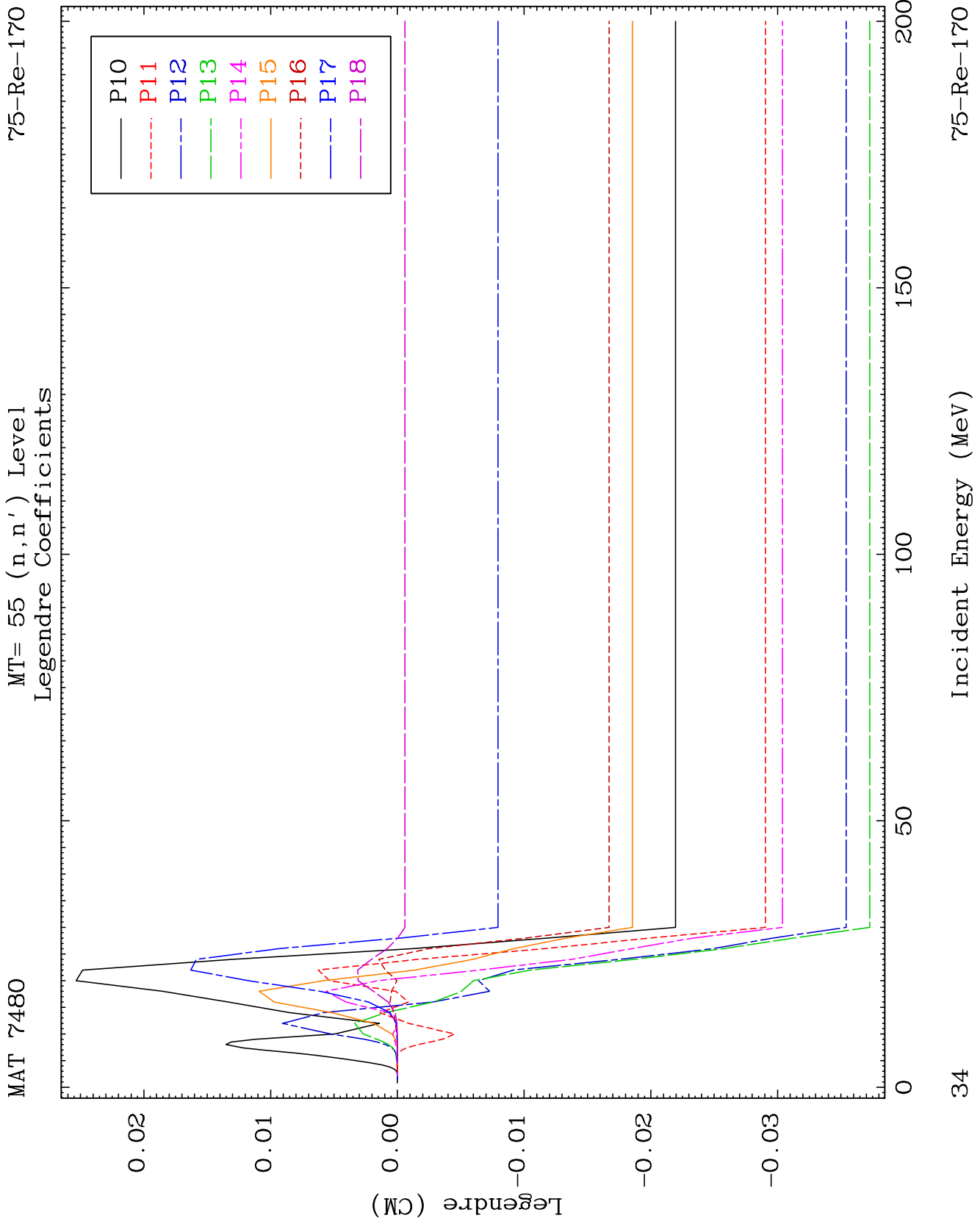
75-Re-170







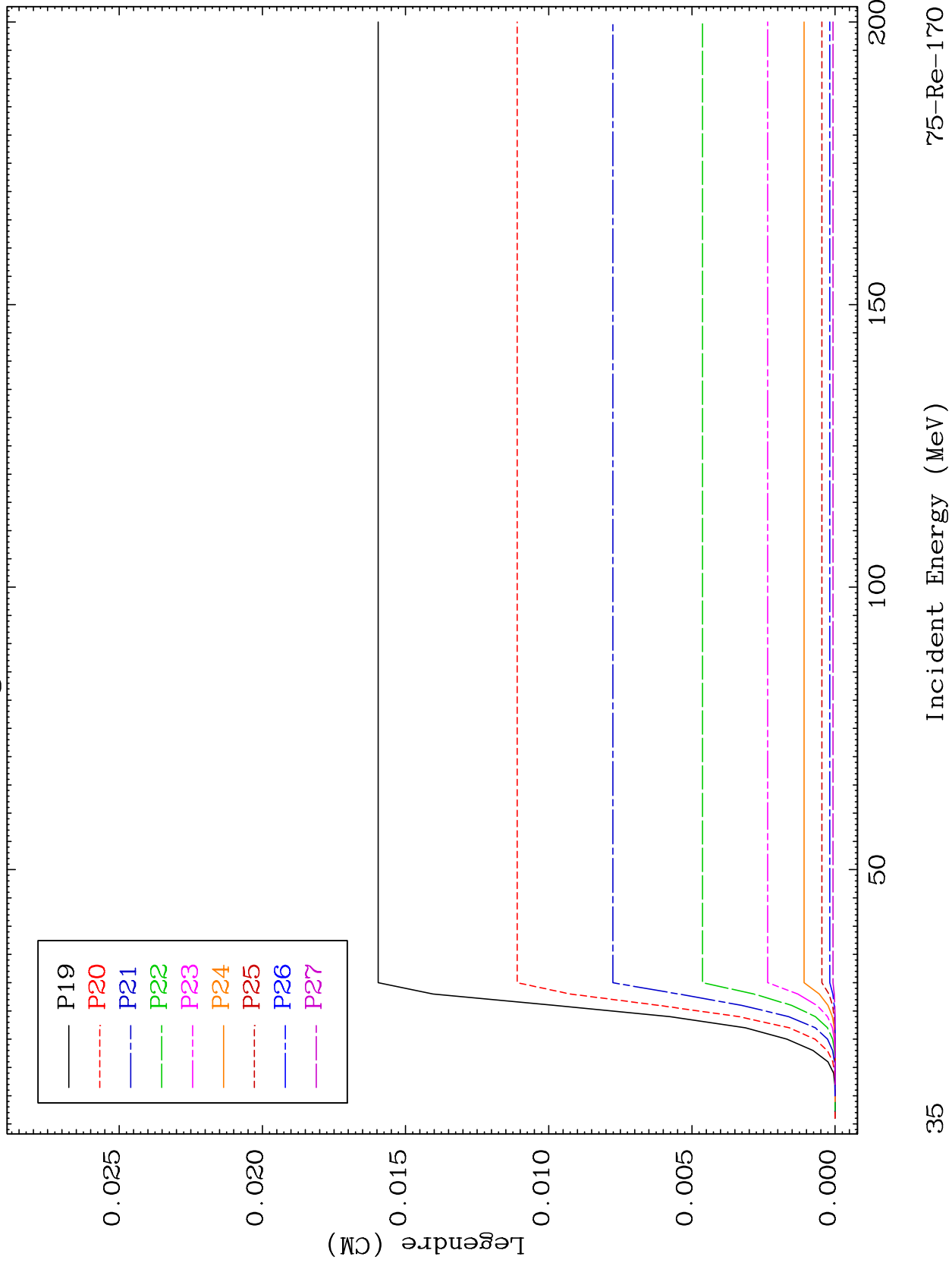




MAT 7480

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

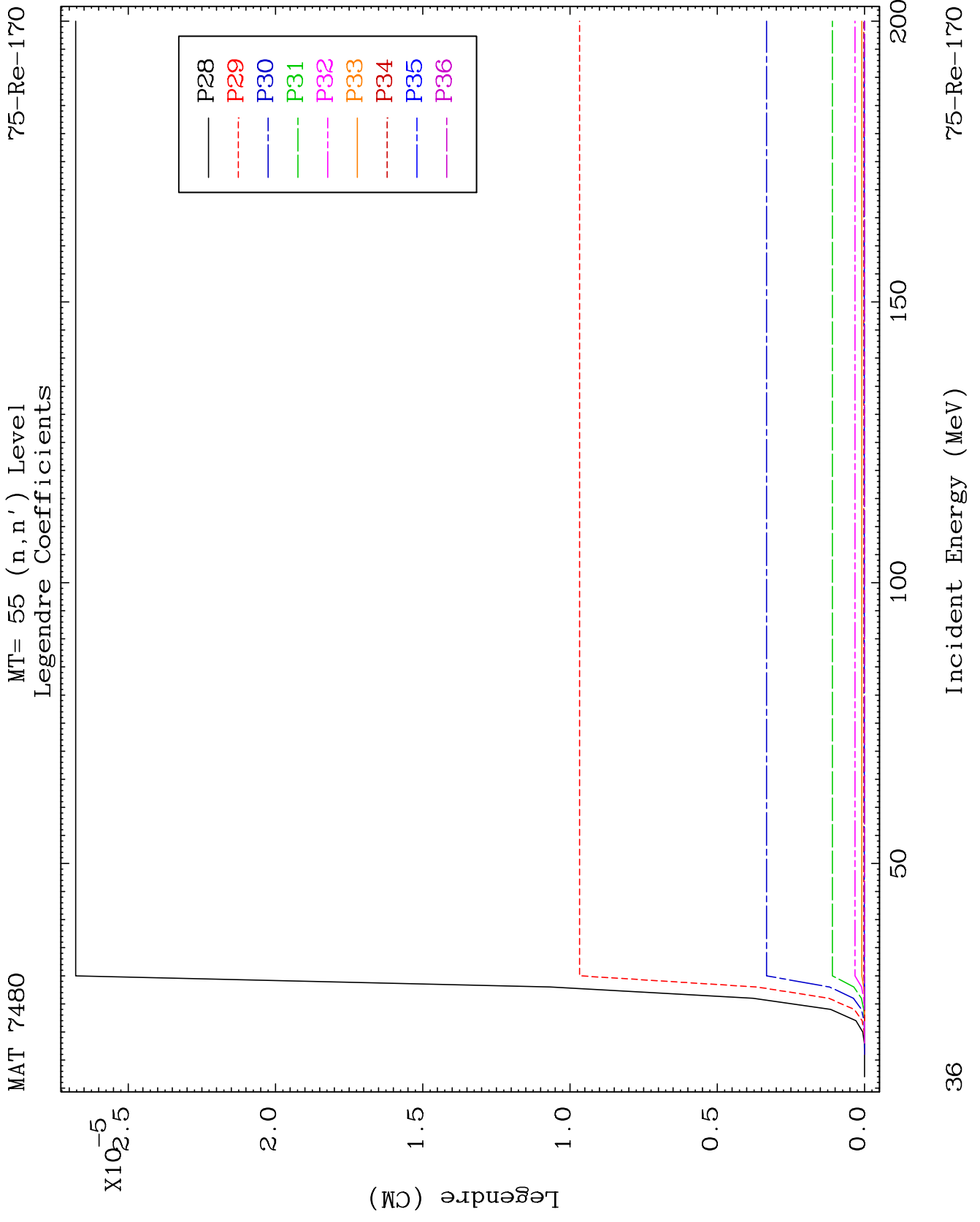
75-Re-170



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Incident Energy (MeV)

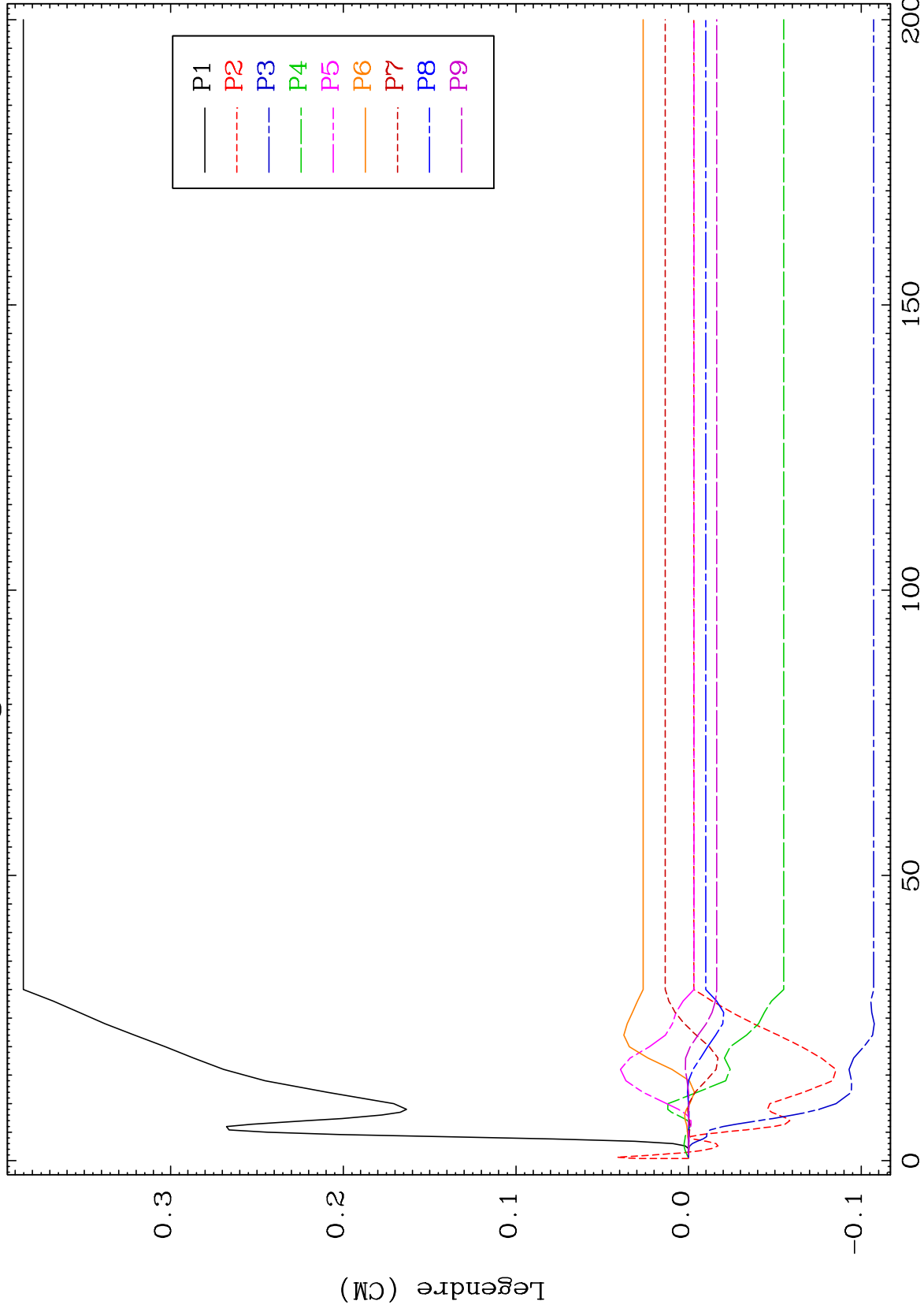
75-Re-170



MAT 7480

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

75-Re-170



37

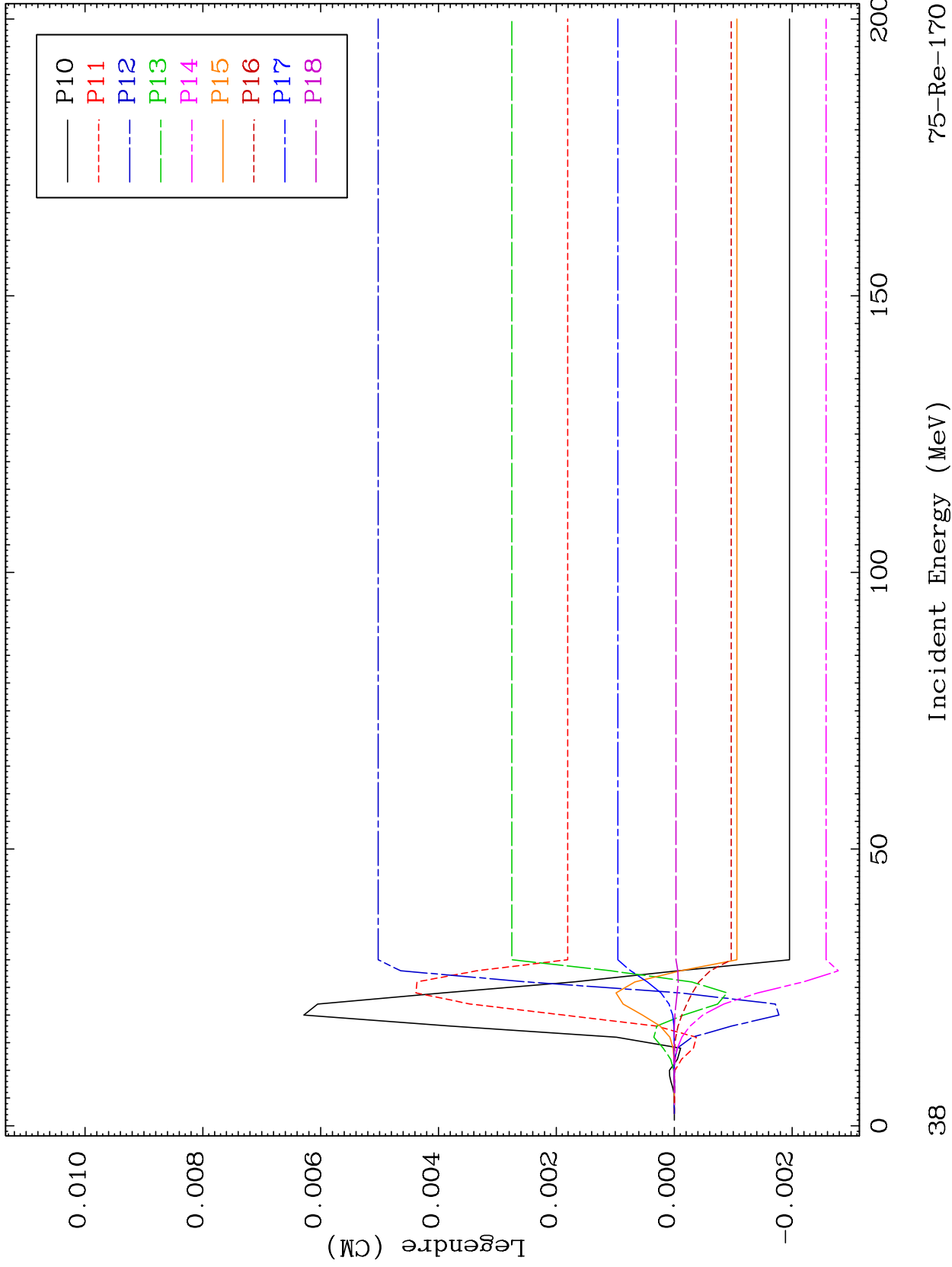
Incident Energy (MeV)

75-Re-170

MAT 7480

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

75-Re-170



38

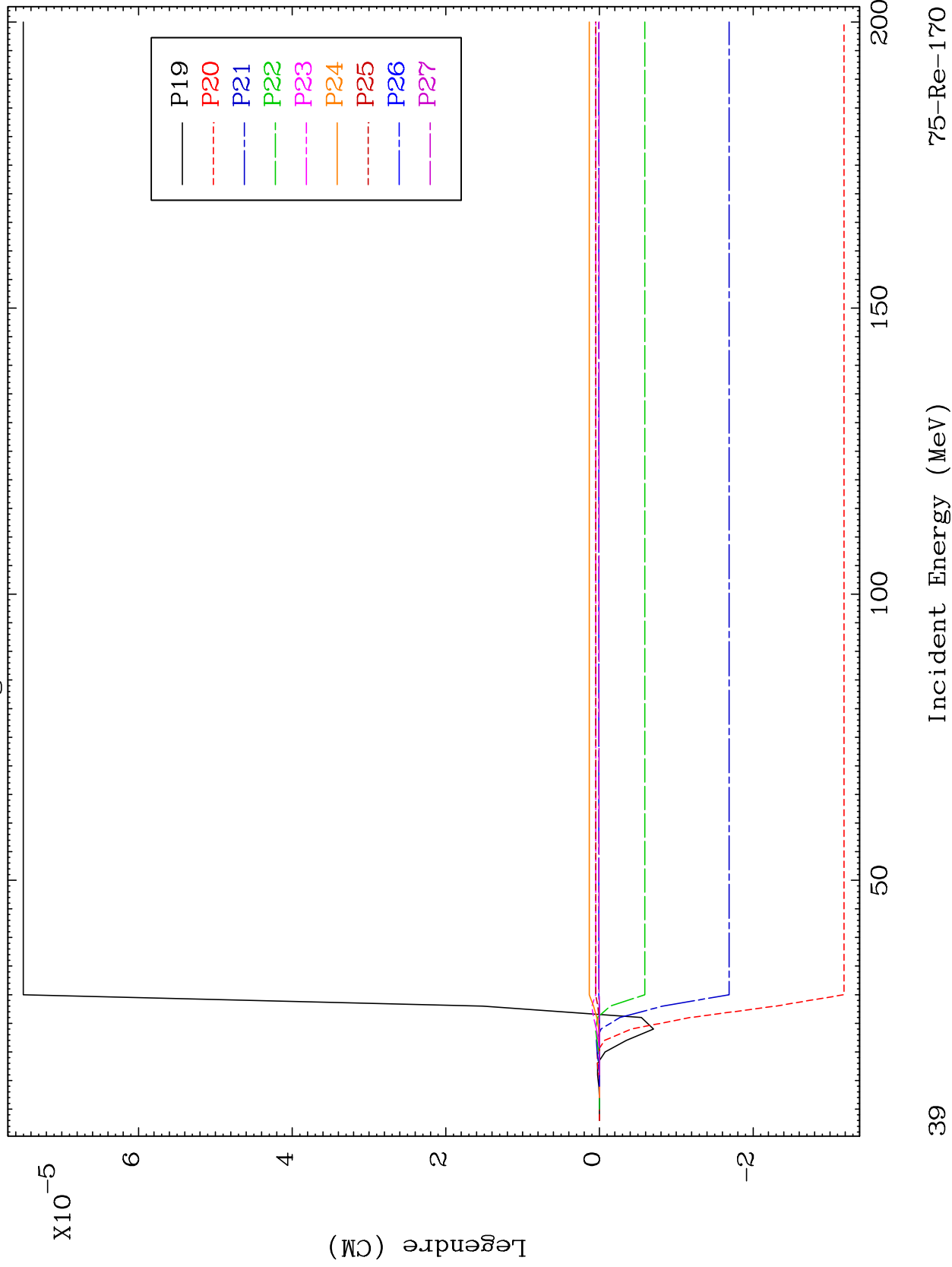
Incident Energy (MeV)

75-Re-170

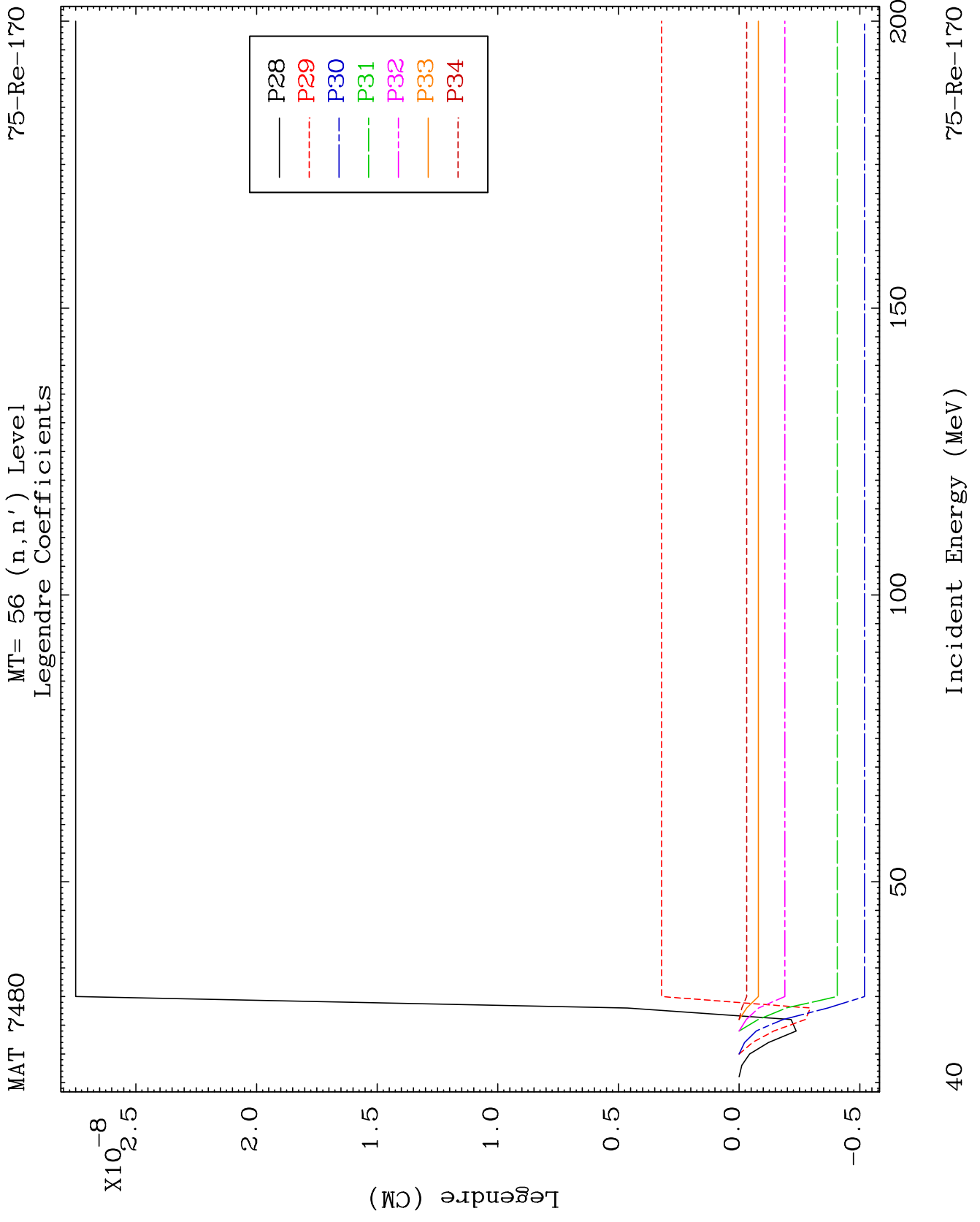
MAT 7480

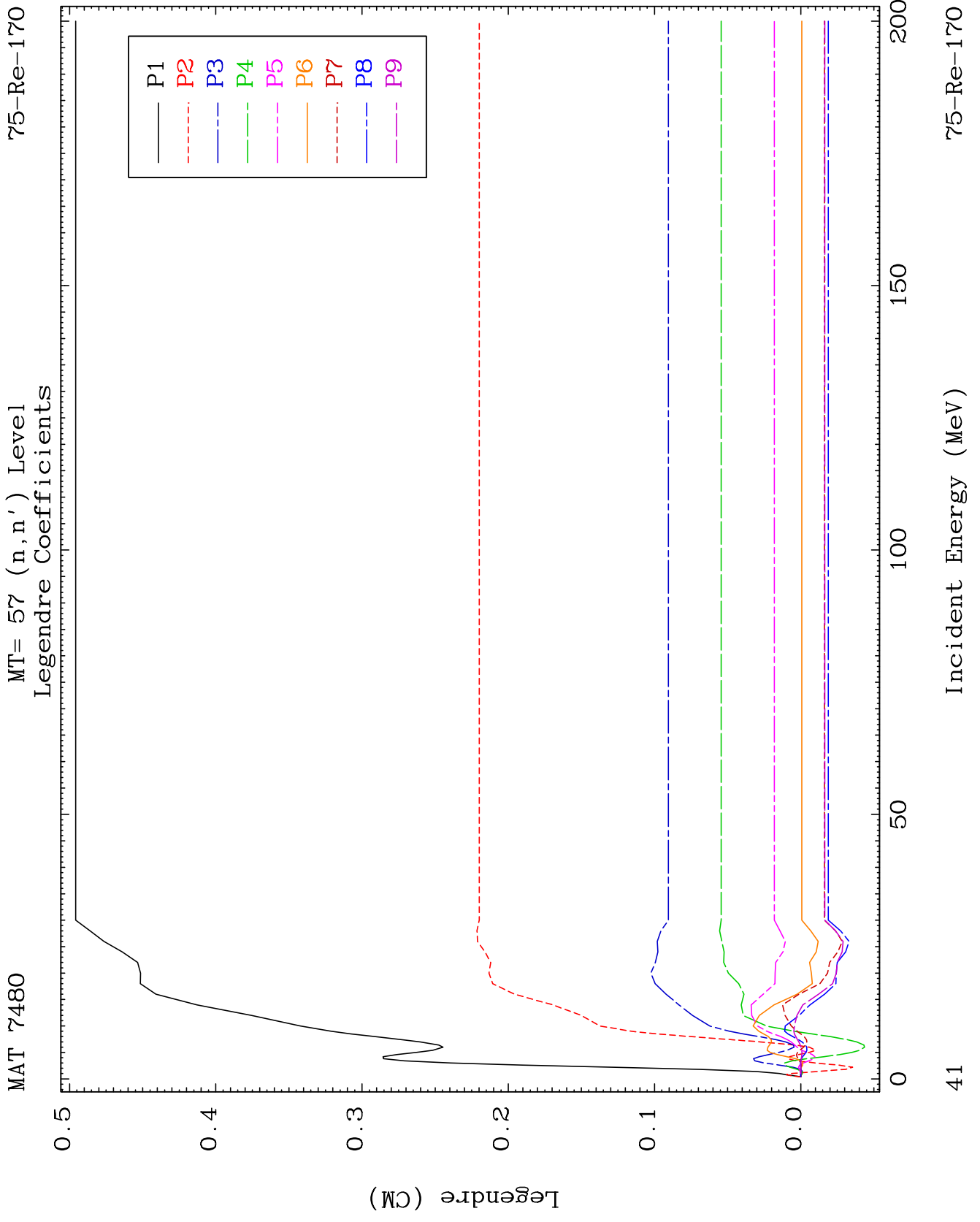
MT= 56 (n,n') Level  
Legendre Coefficients

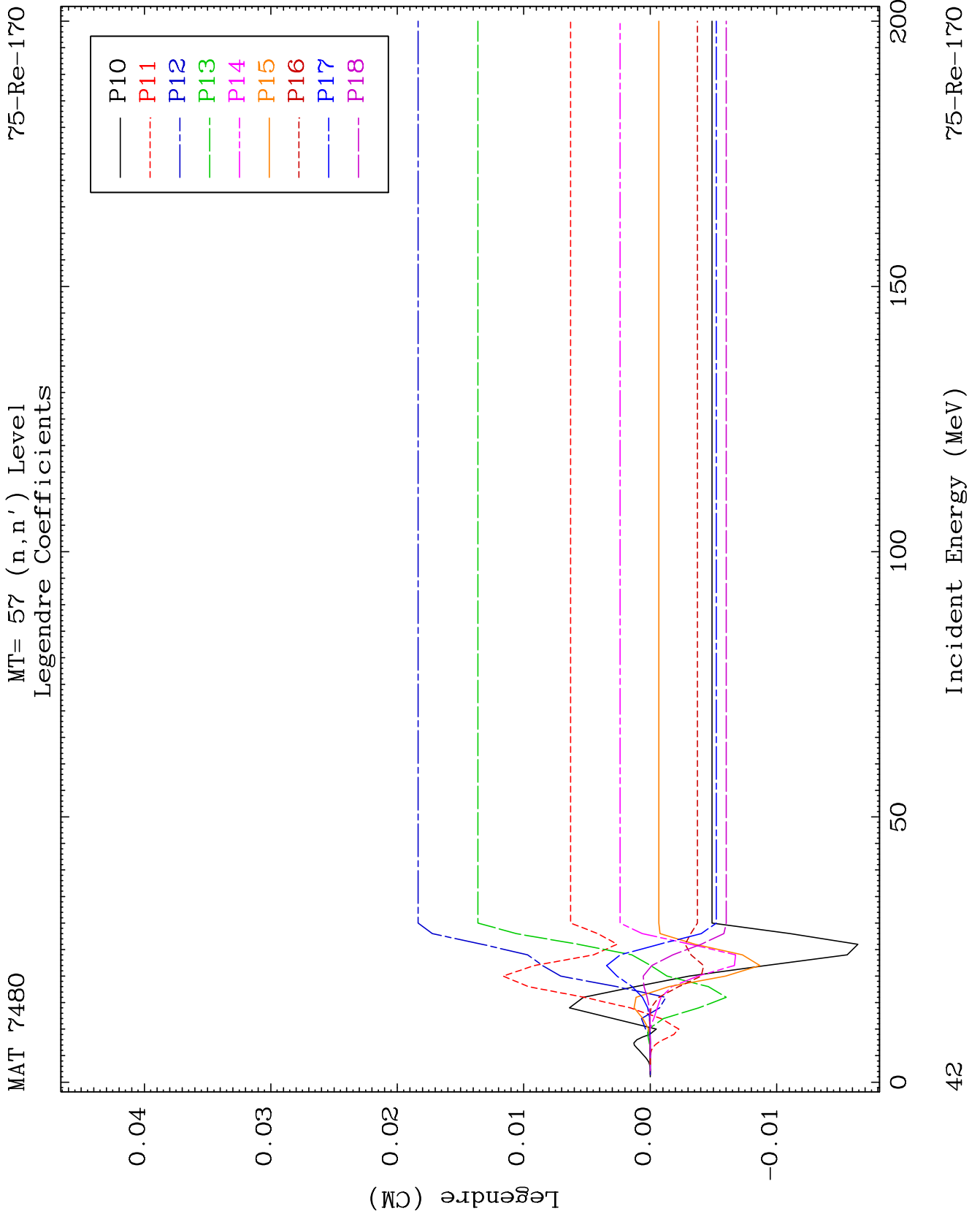
75-Re-170

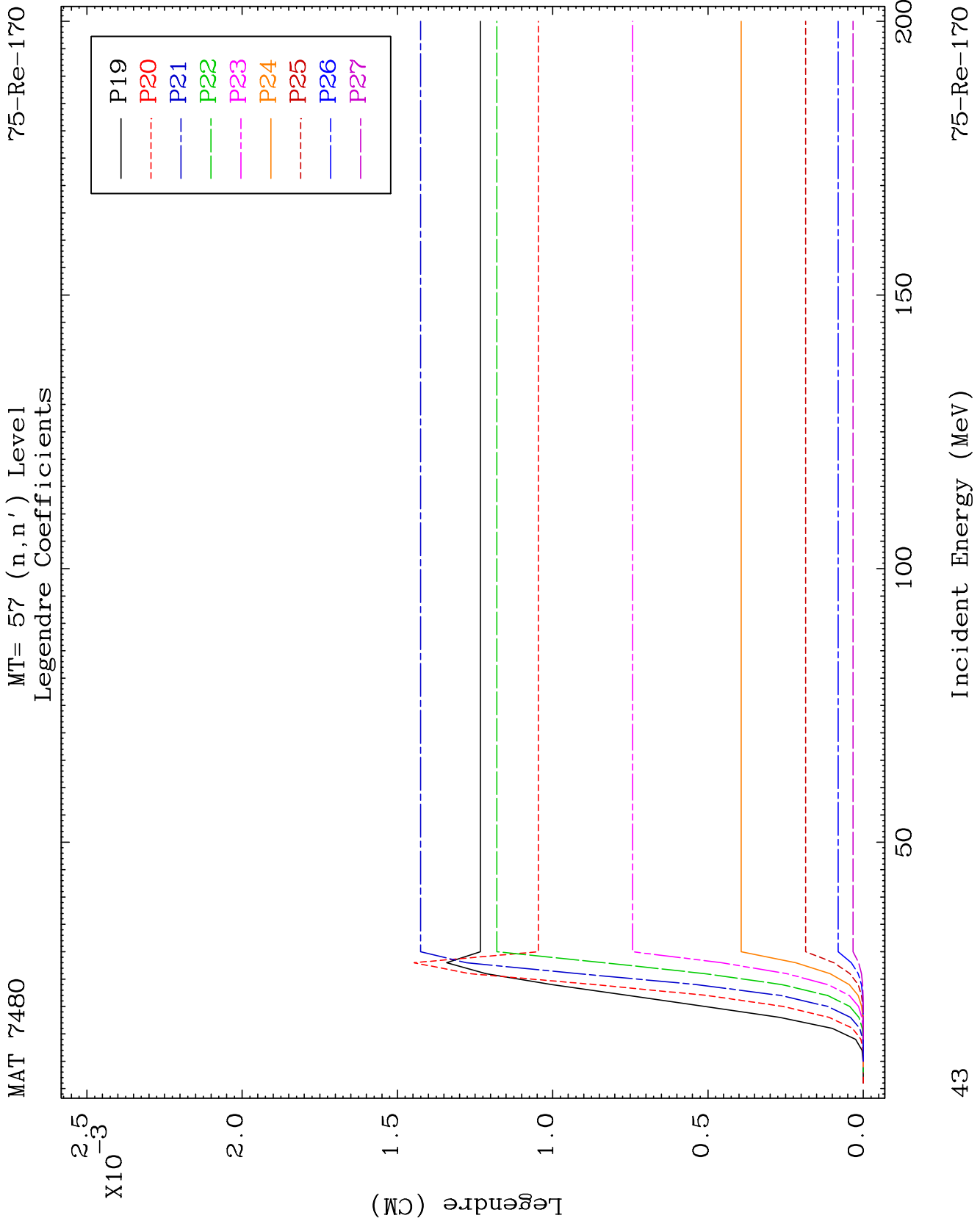


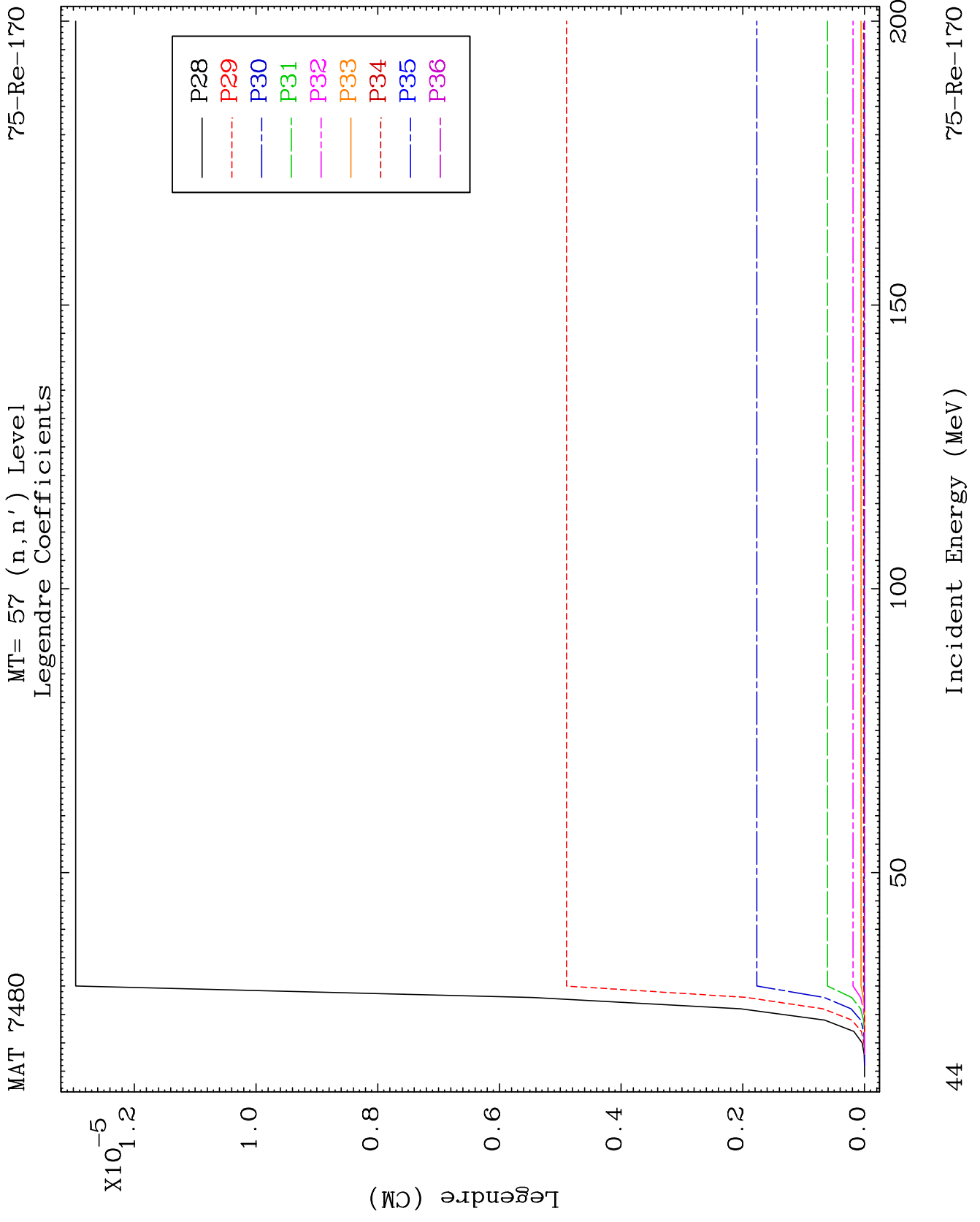


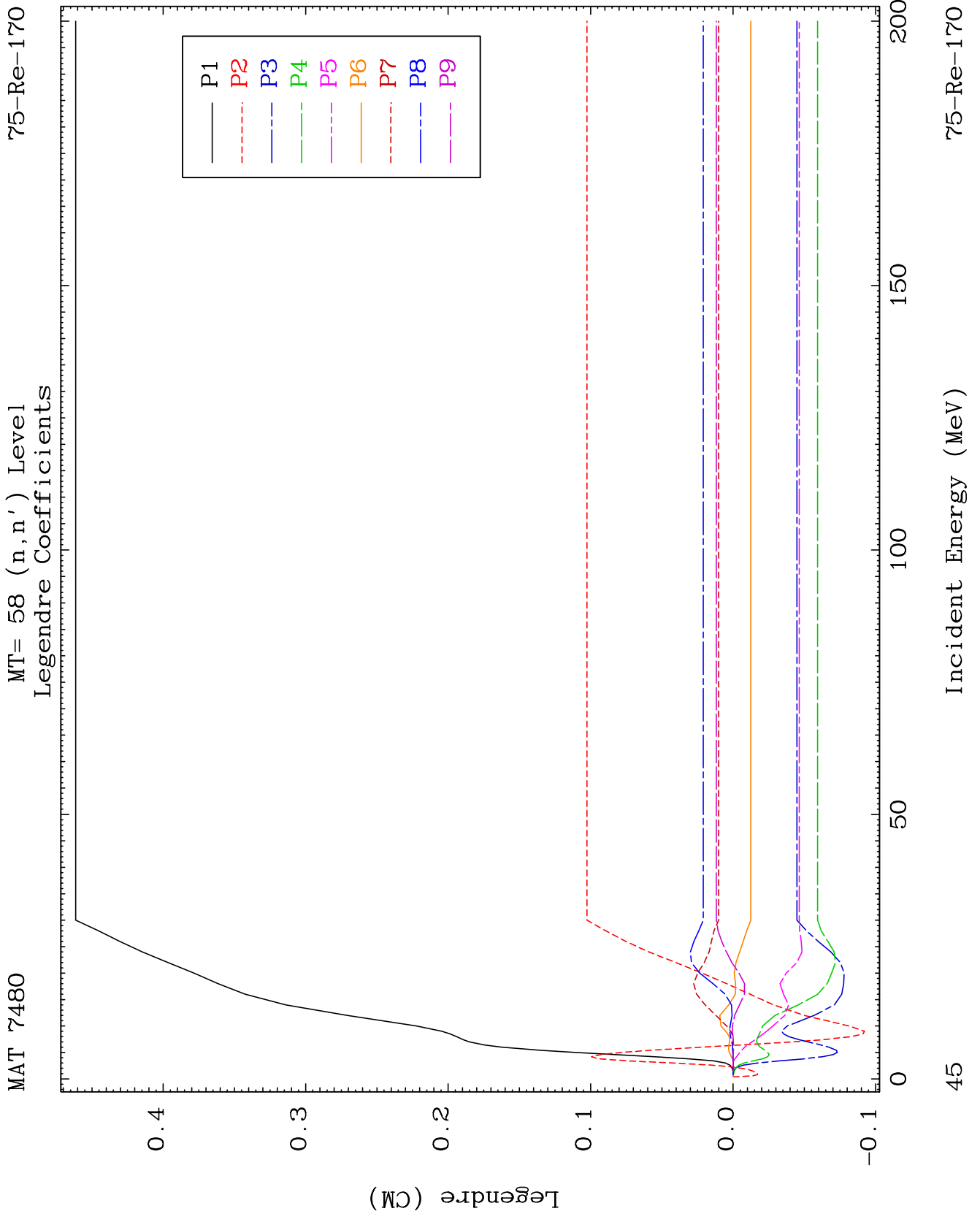








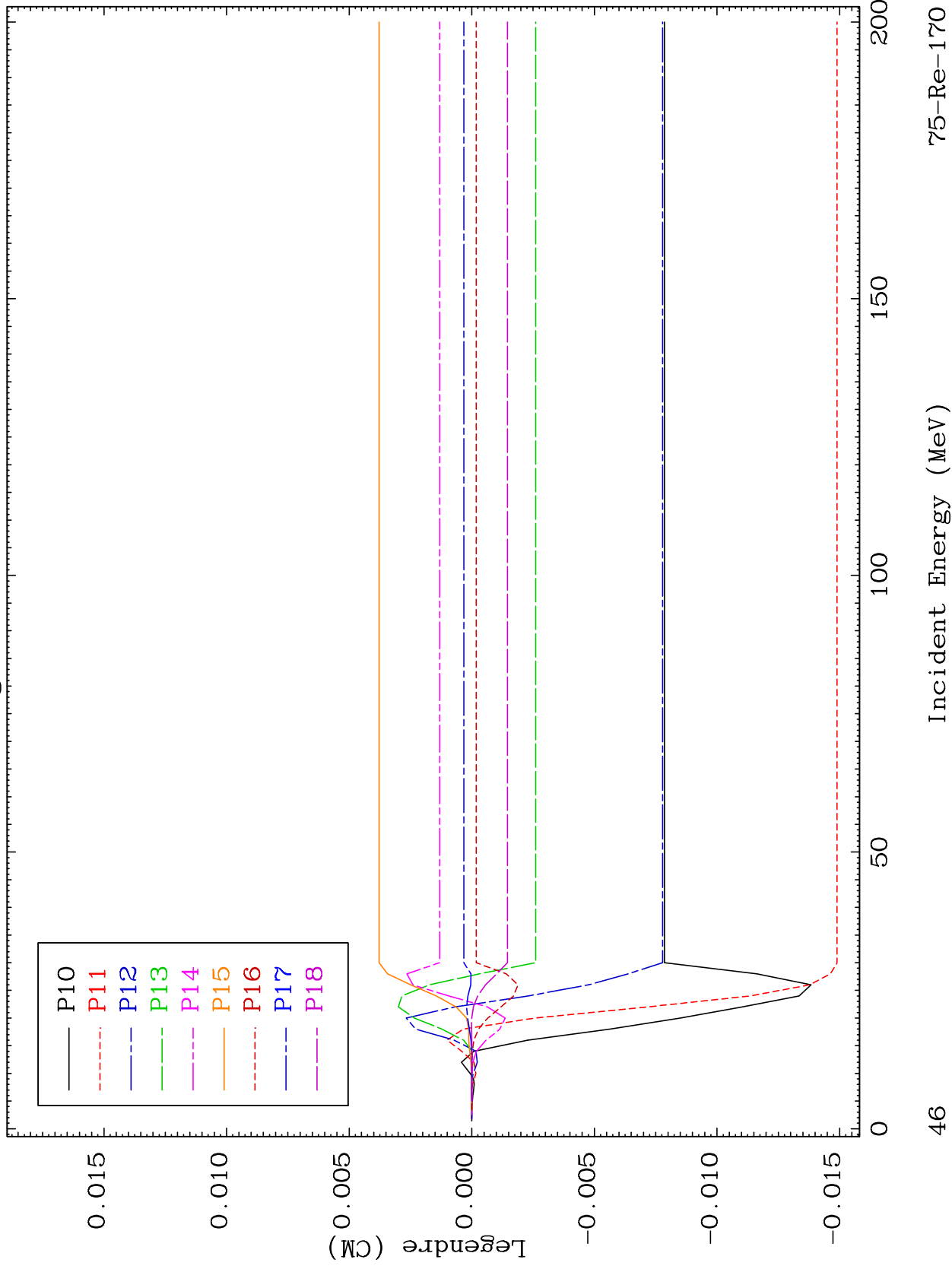




MAT 7480

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

75-Re-170



46

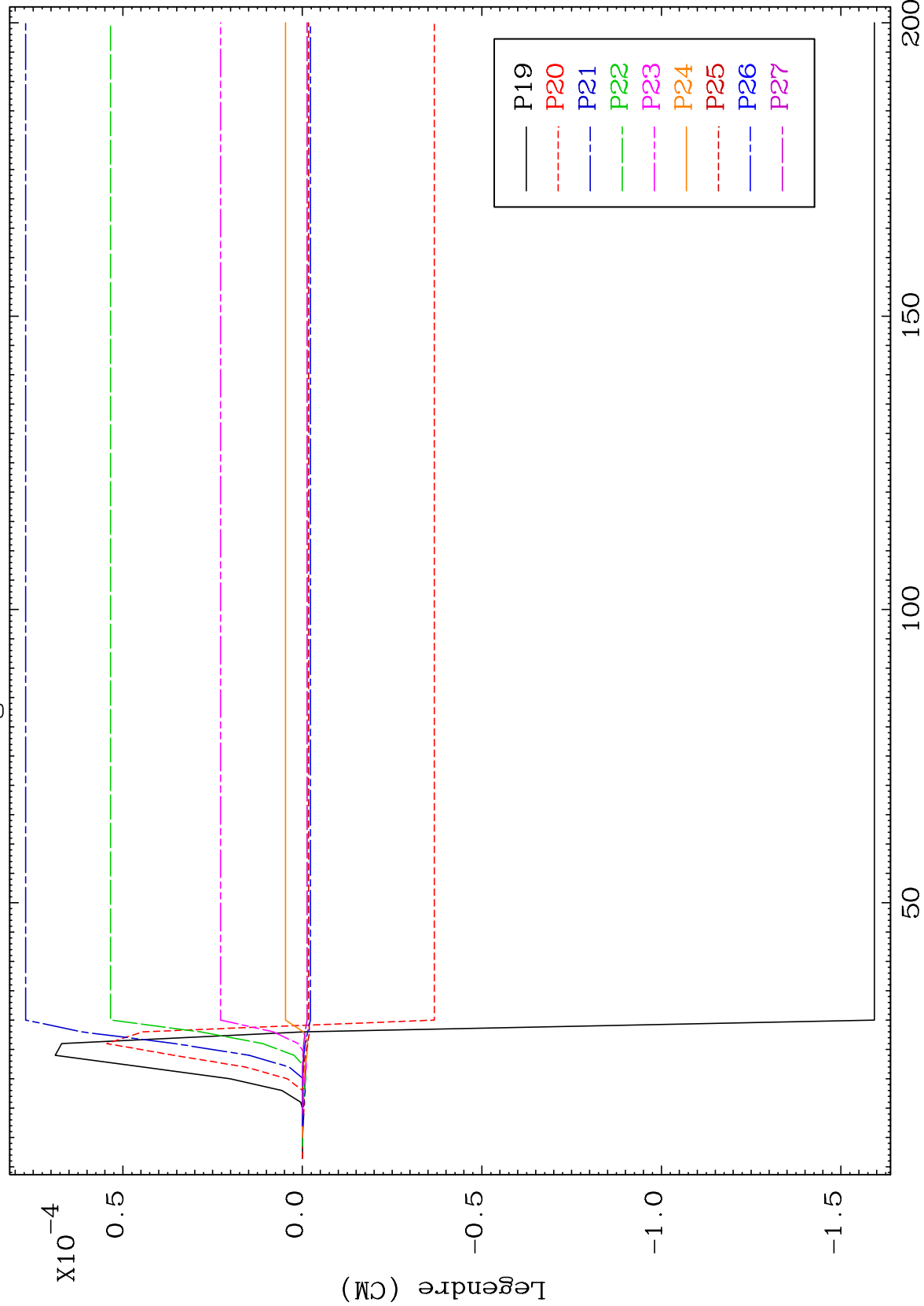
Incident Energy (MeV)

75-Re-170

MAT 7480

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

75-Re-170



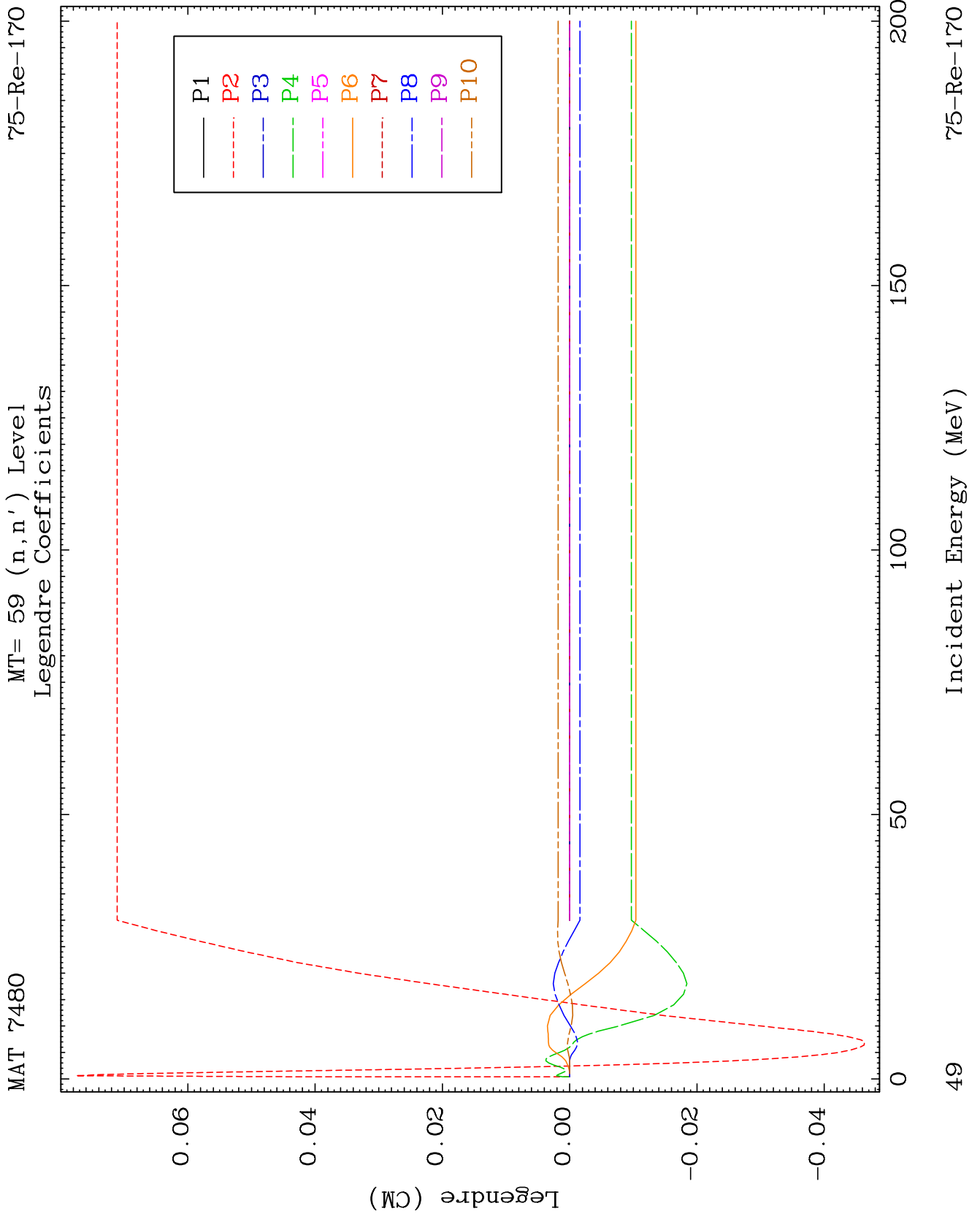
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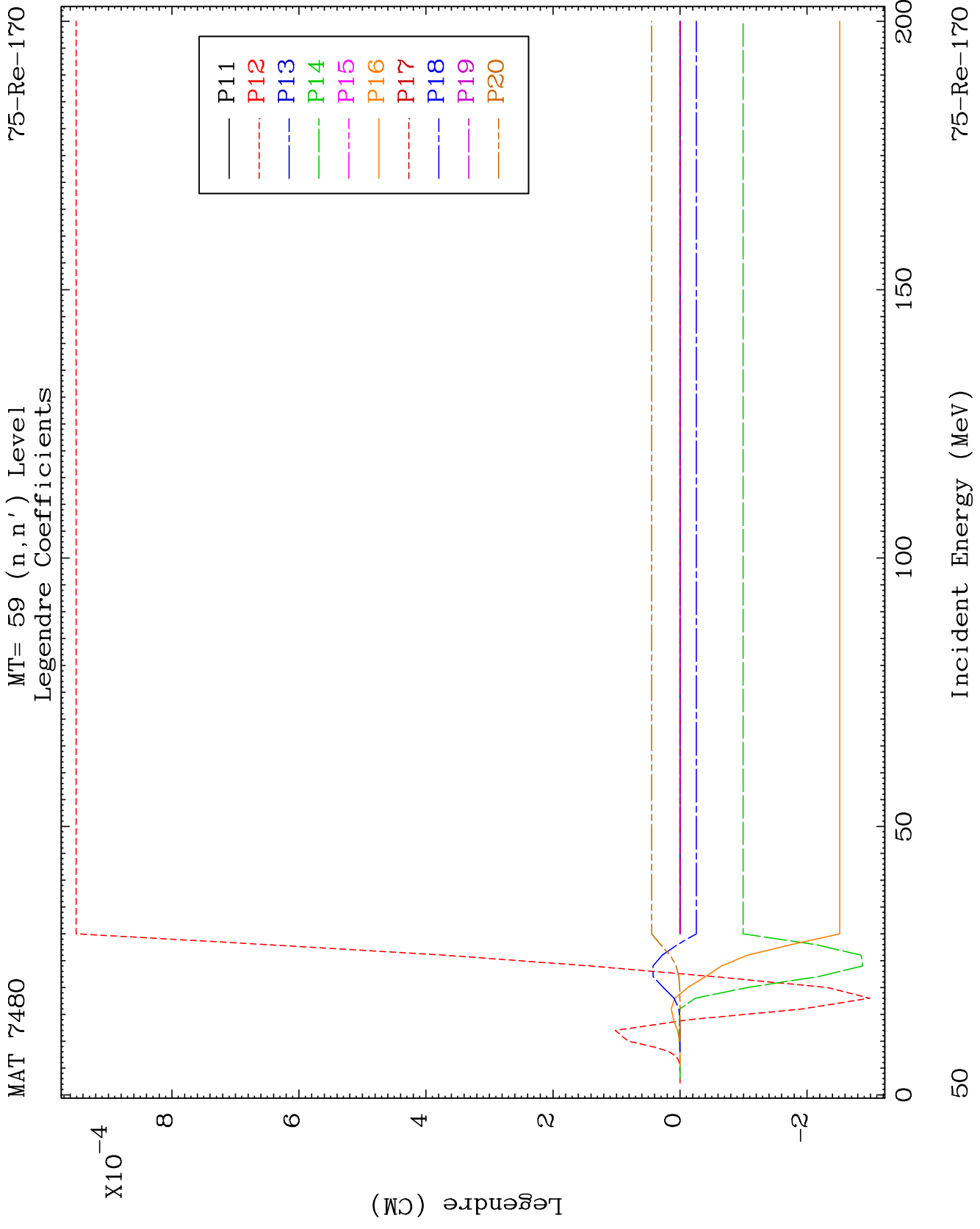
Incident Energy (MeV)

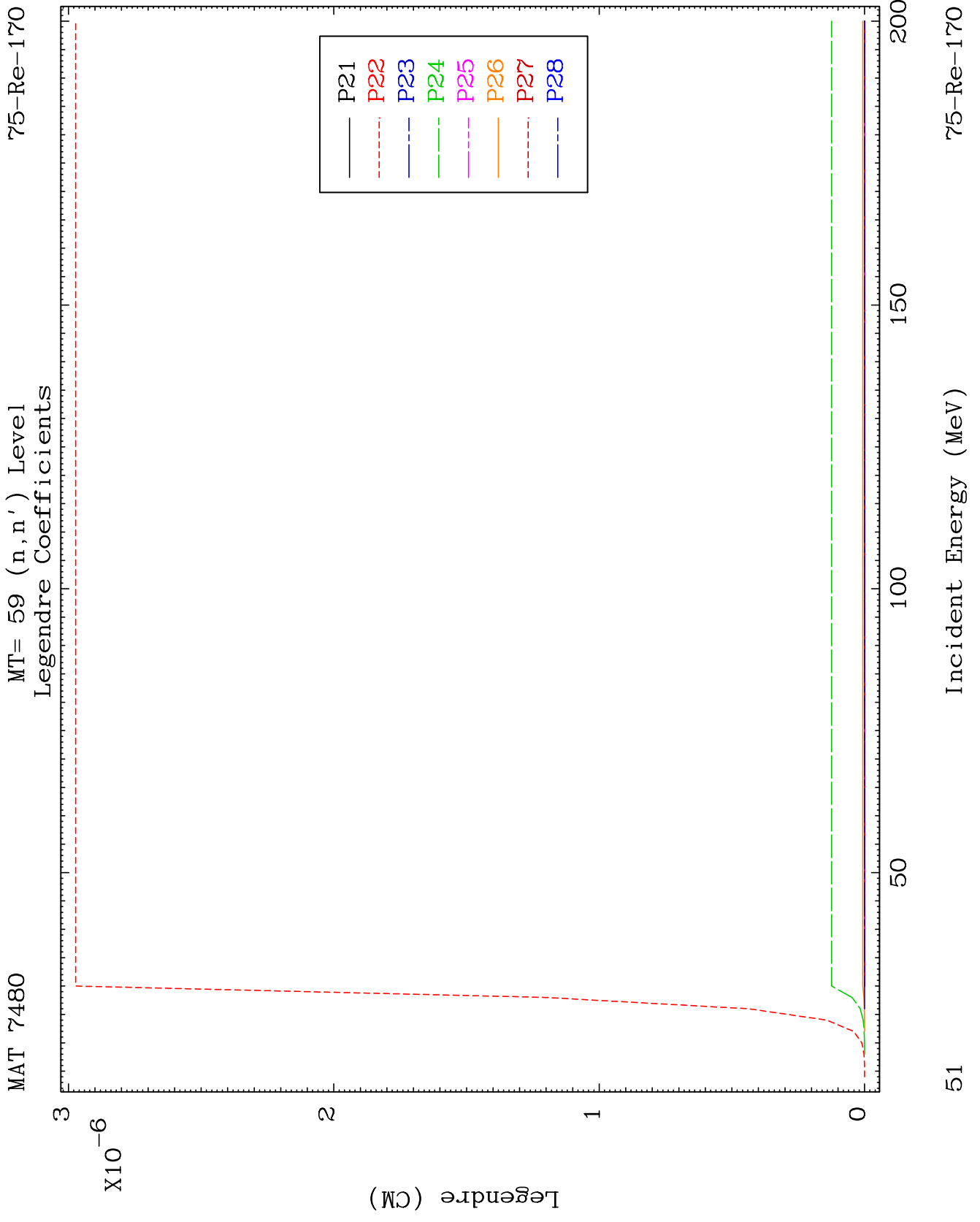
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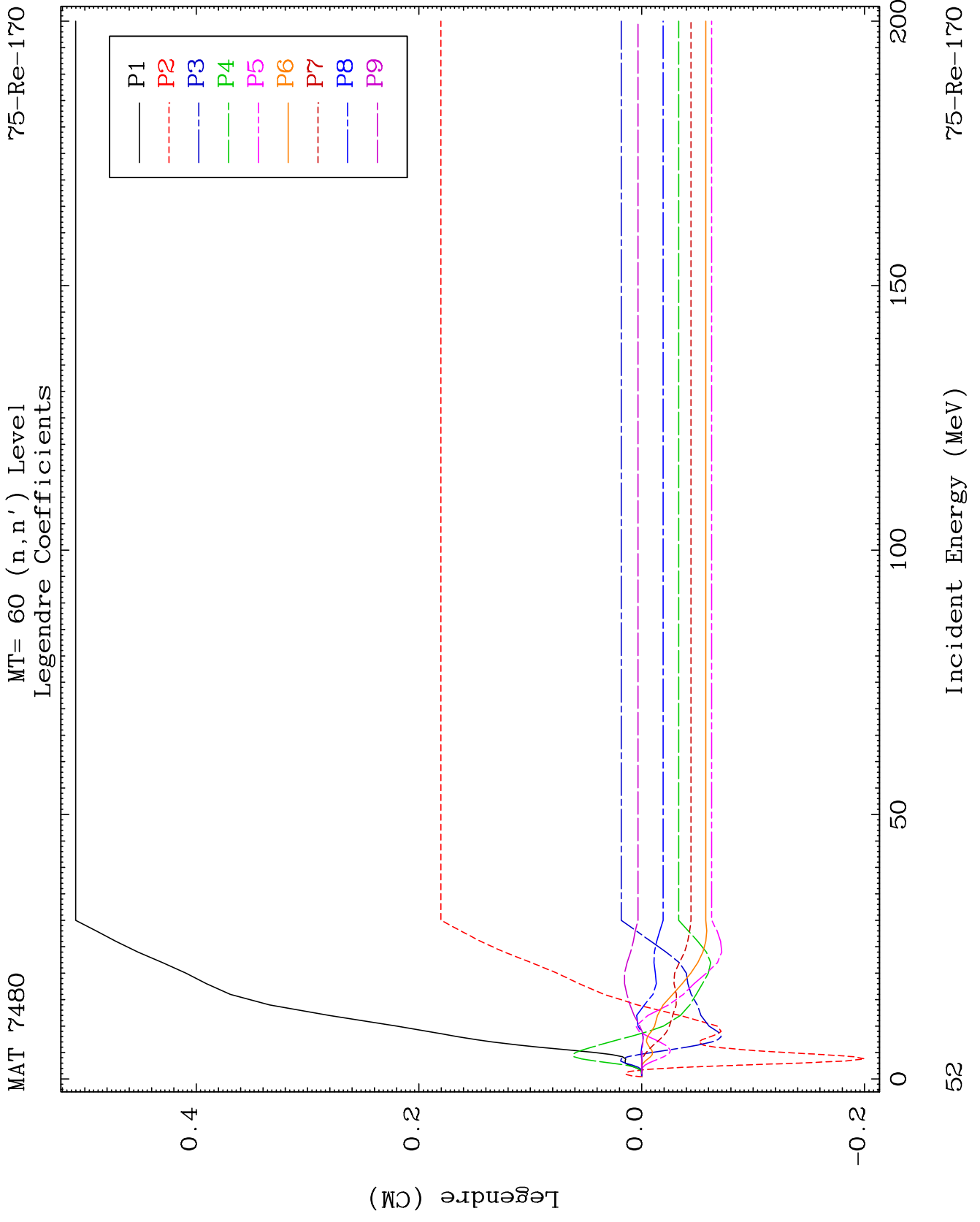


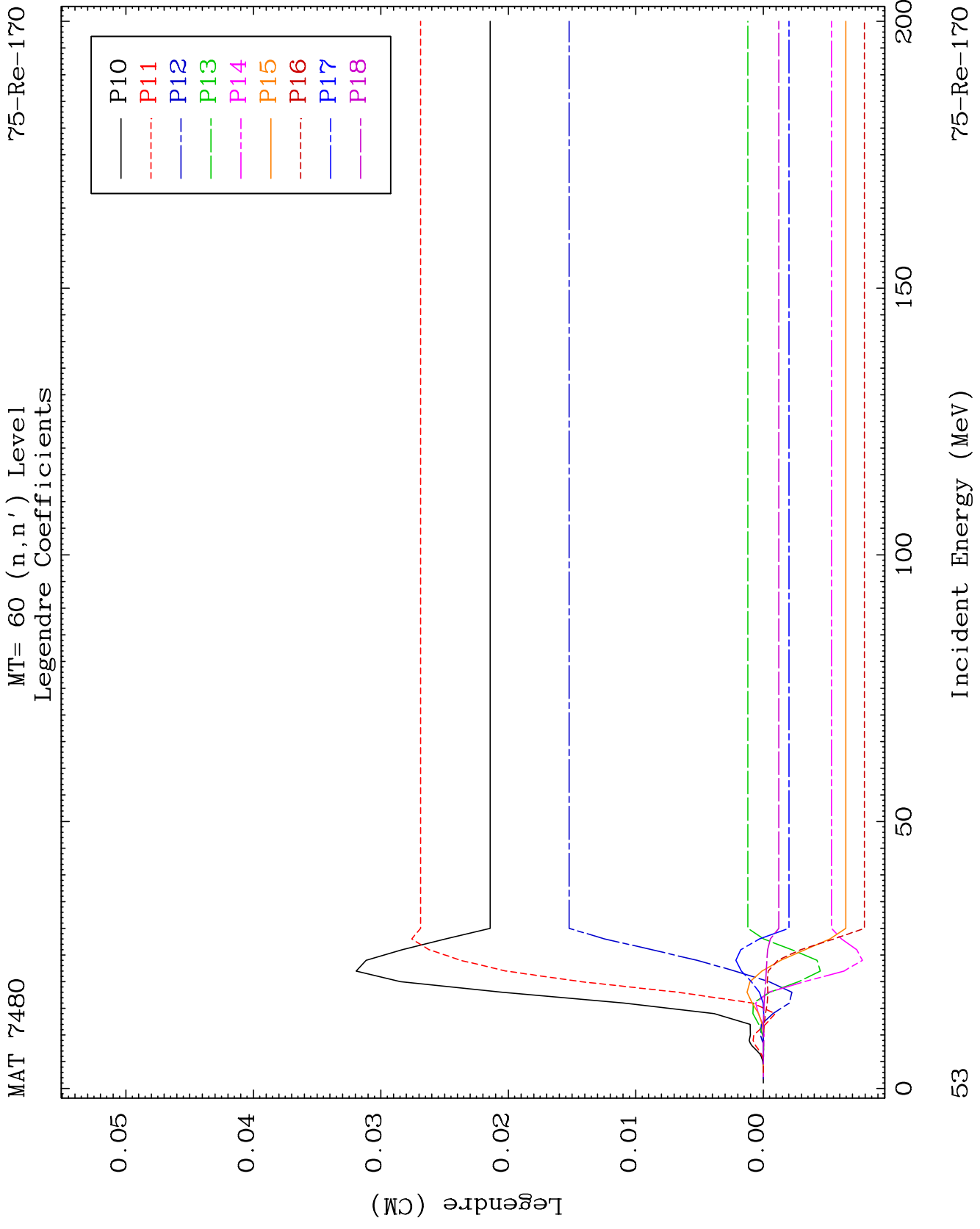








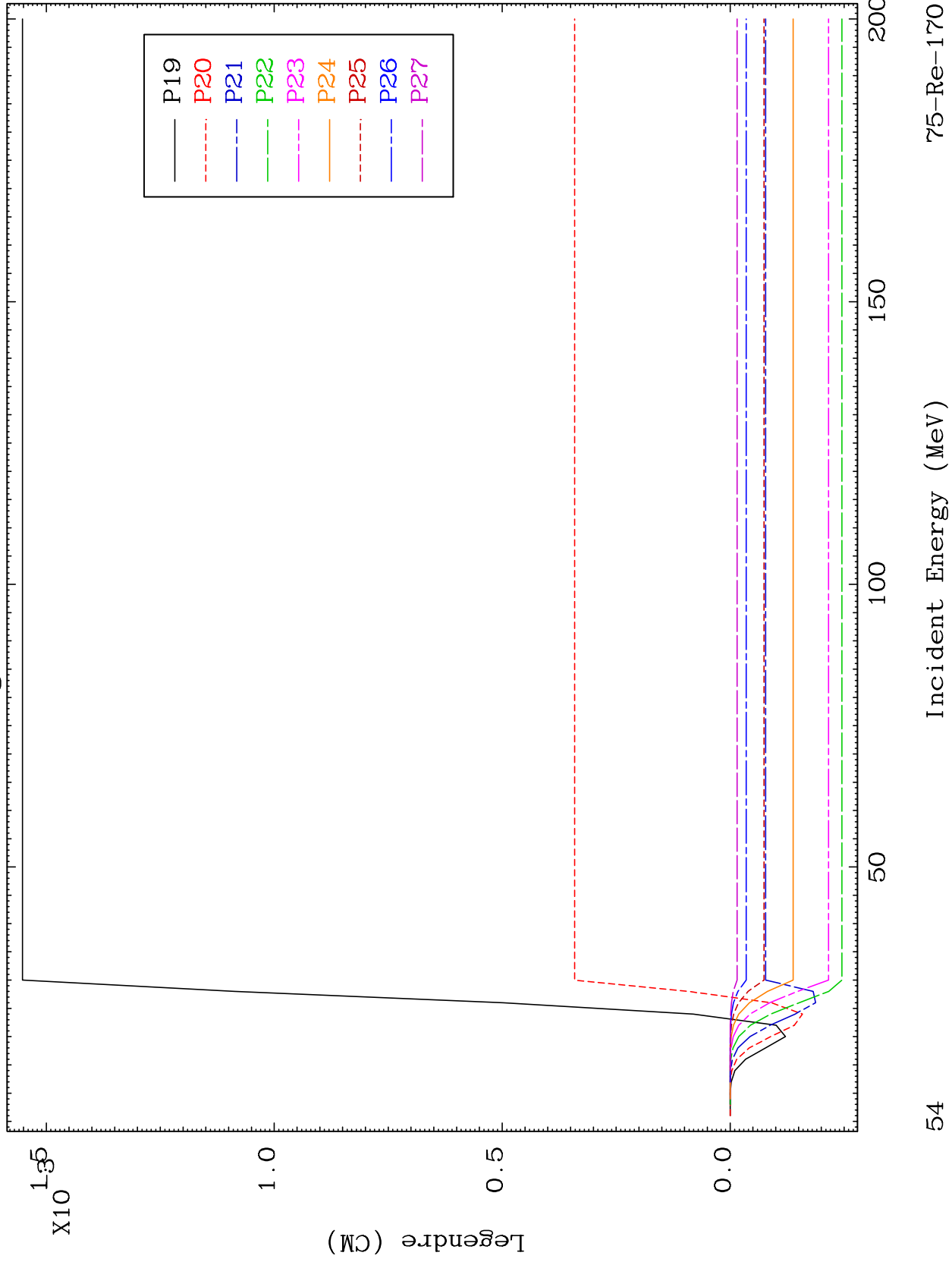




MAT 7480

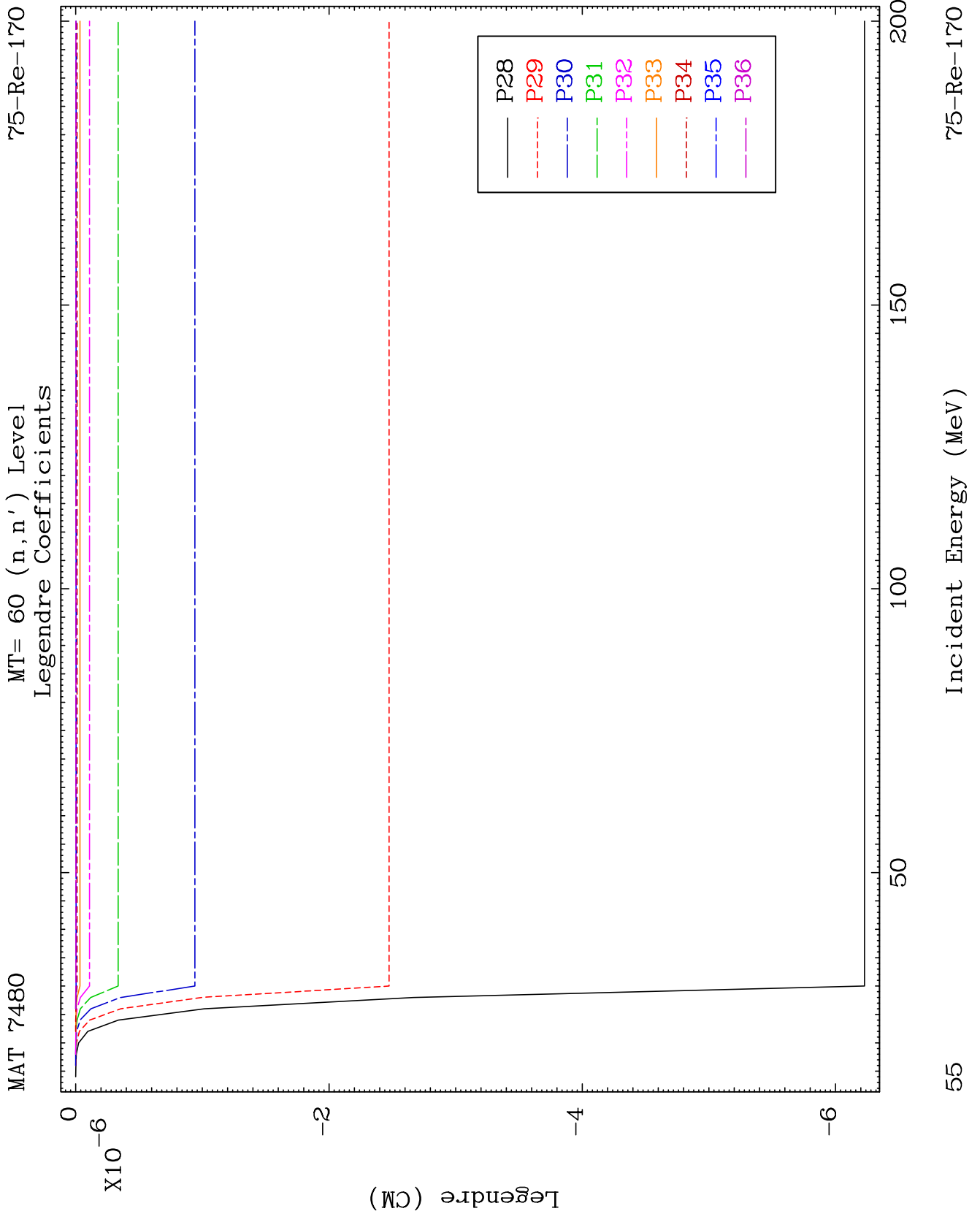
MT= 60 (n,n') Level  
Legendre Coefficients

75-Re-170



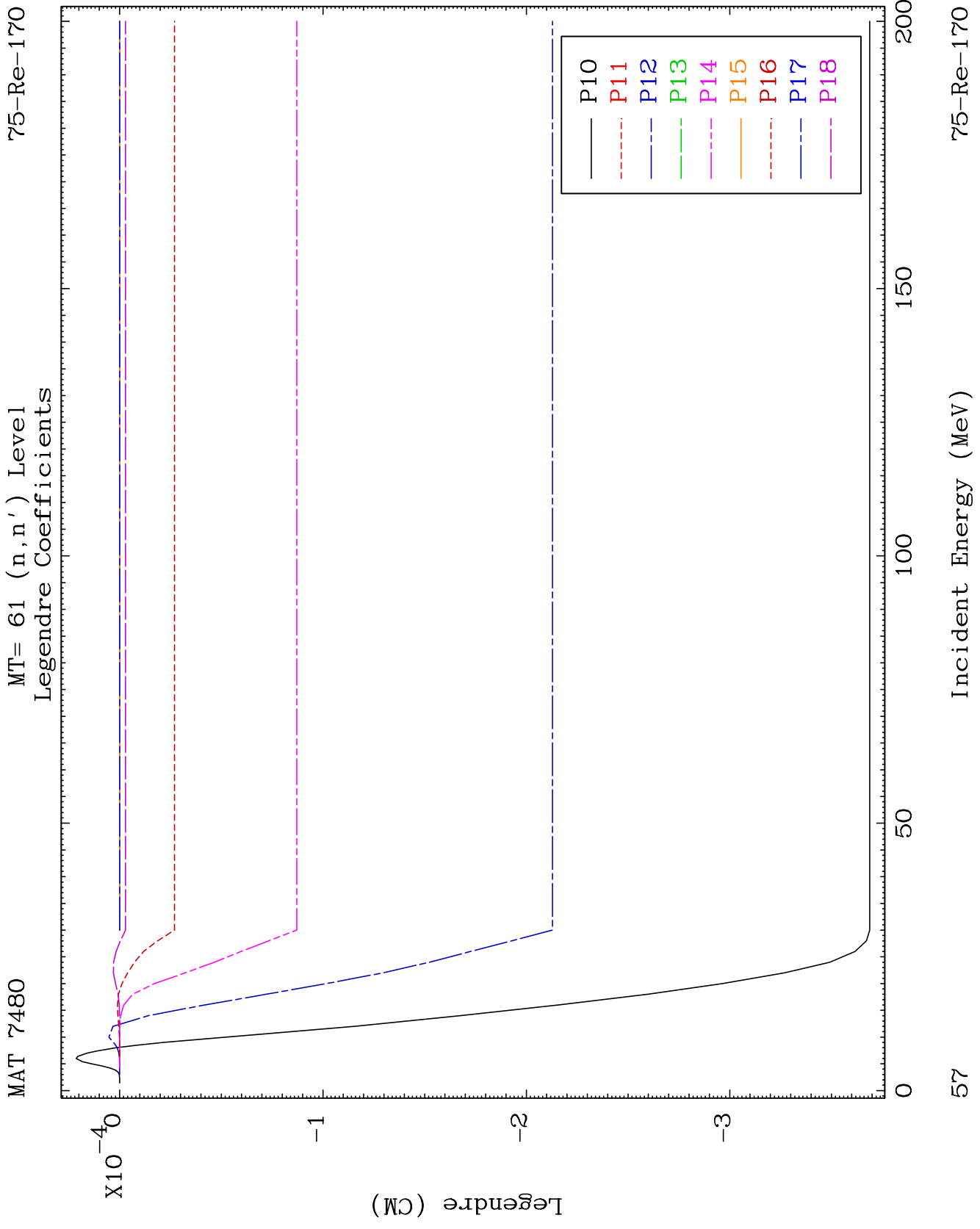
54

75-Re-170







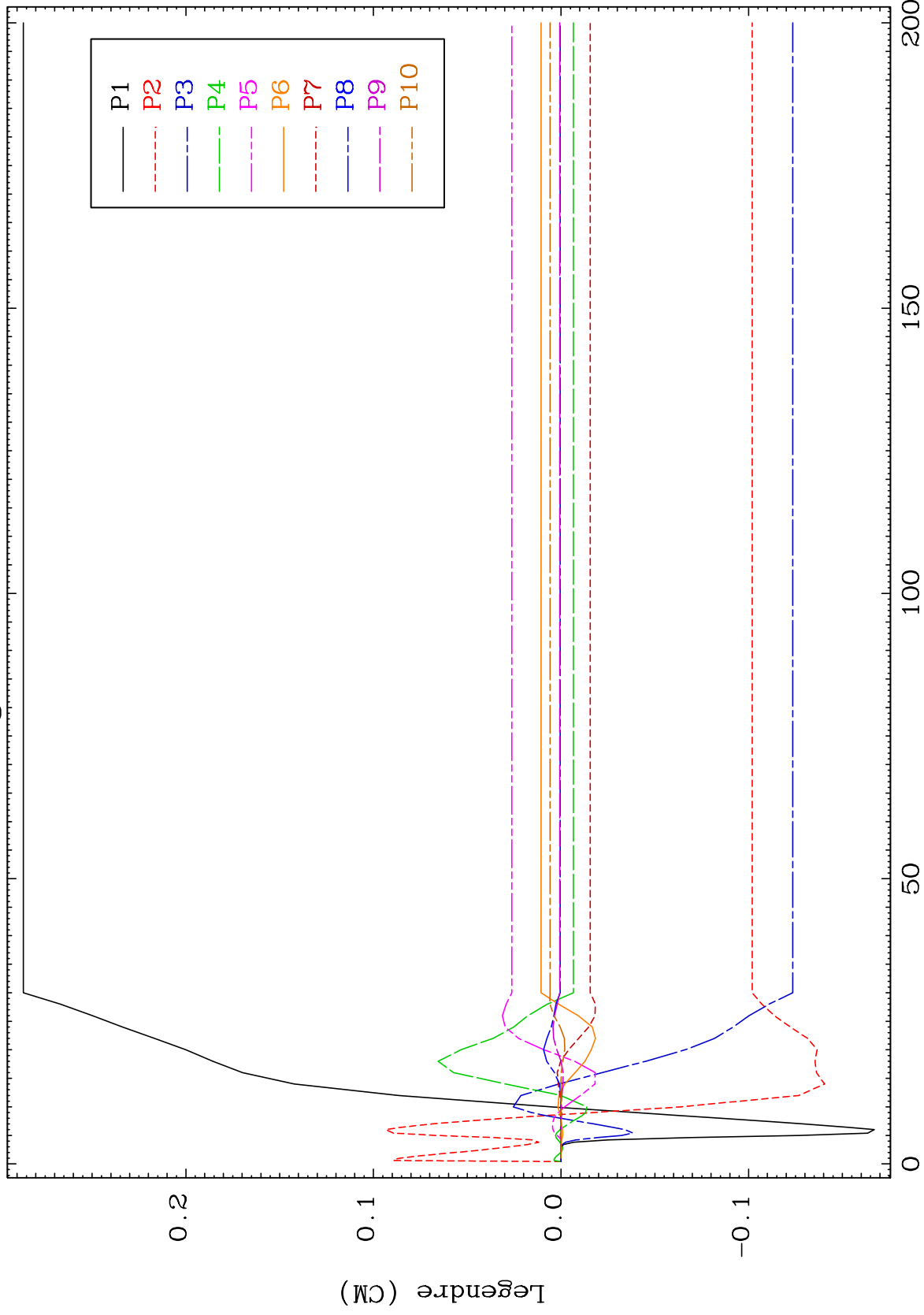




MAT 7480

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

75-Re-170



59

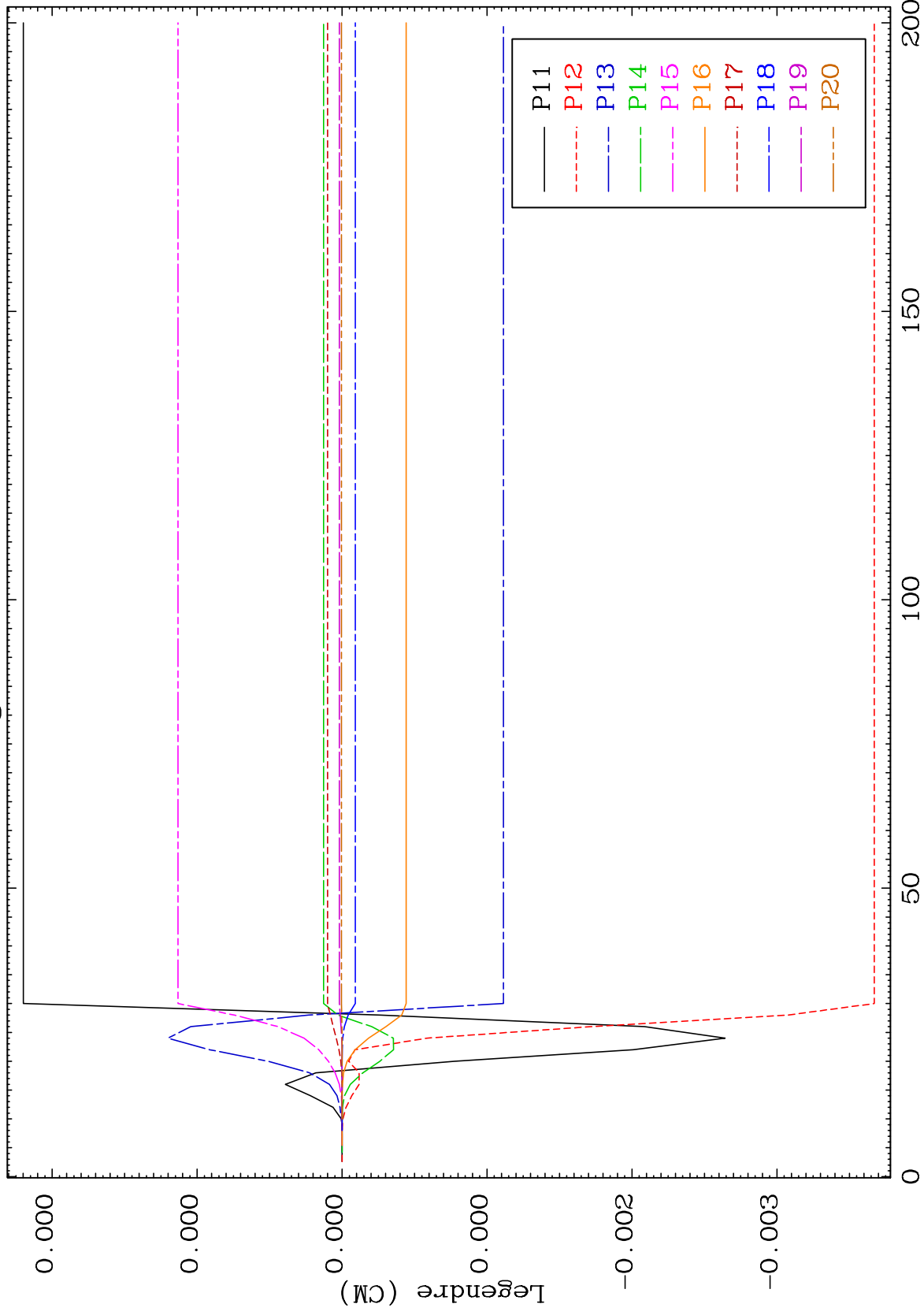
Incident Energy (MeV)

75-Re-170

MAT 7480

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

75-Re-170



60

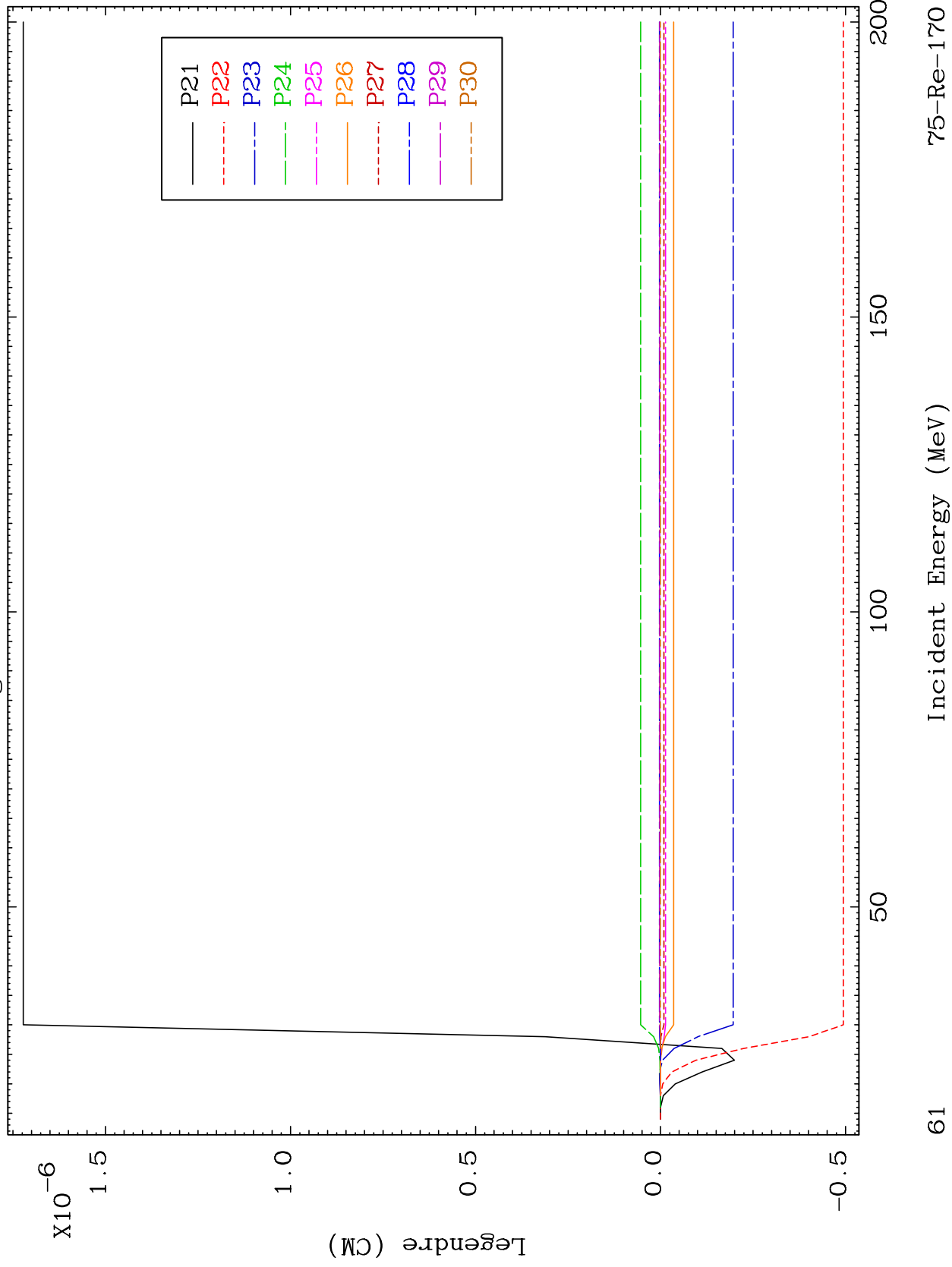
Incident Energy (MeV)

75-Re-170

MAT 7480

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

75-Re-170

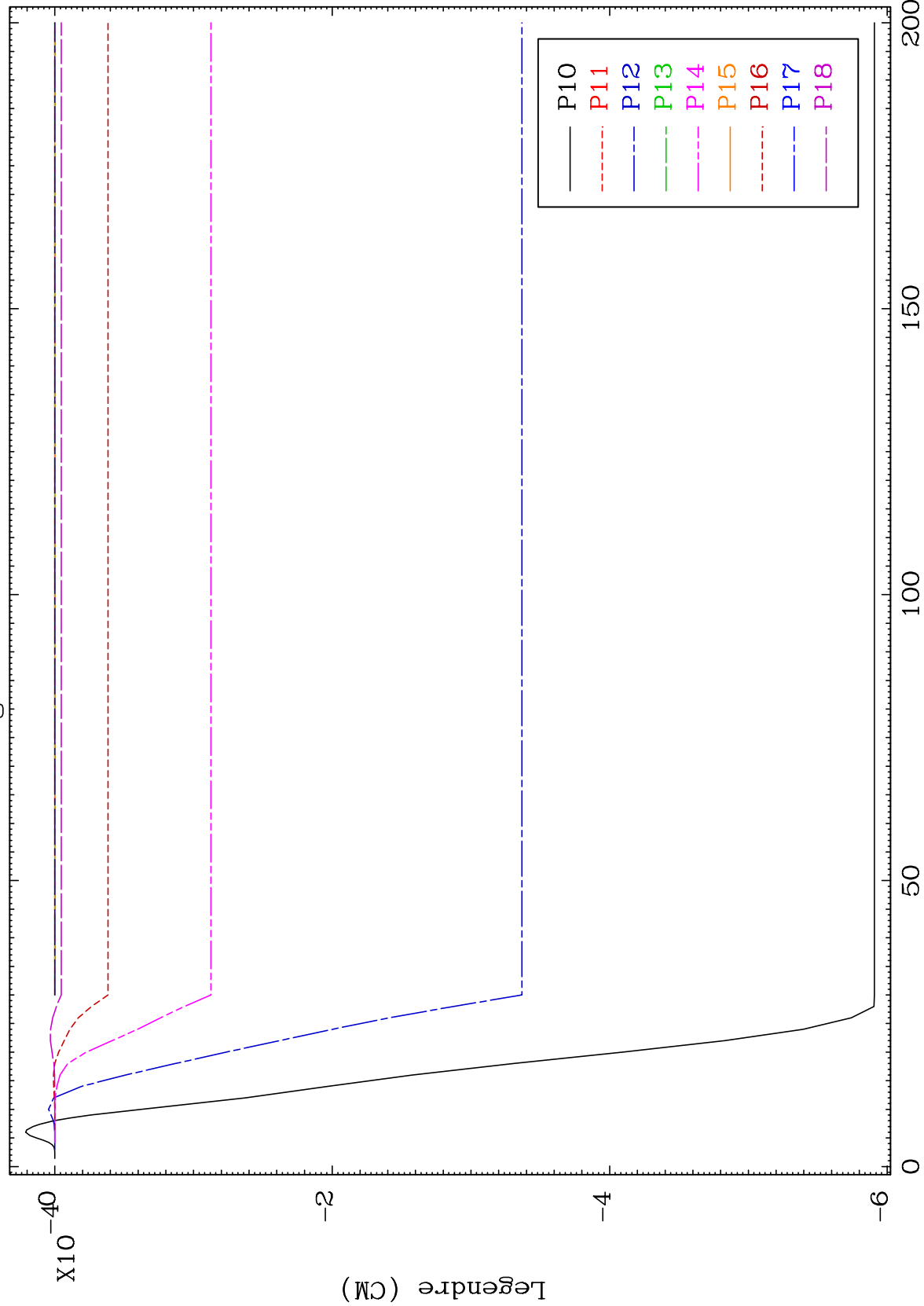




MAT 7480

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

75-Re-170

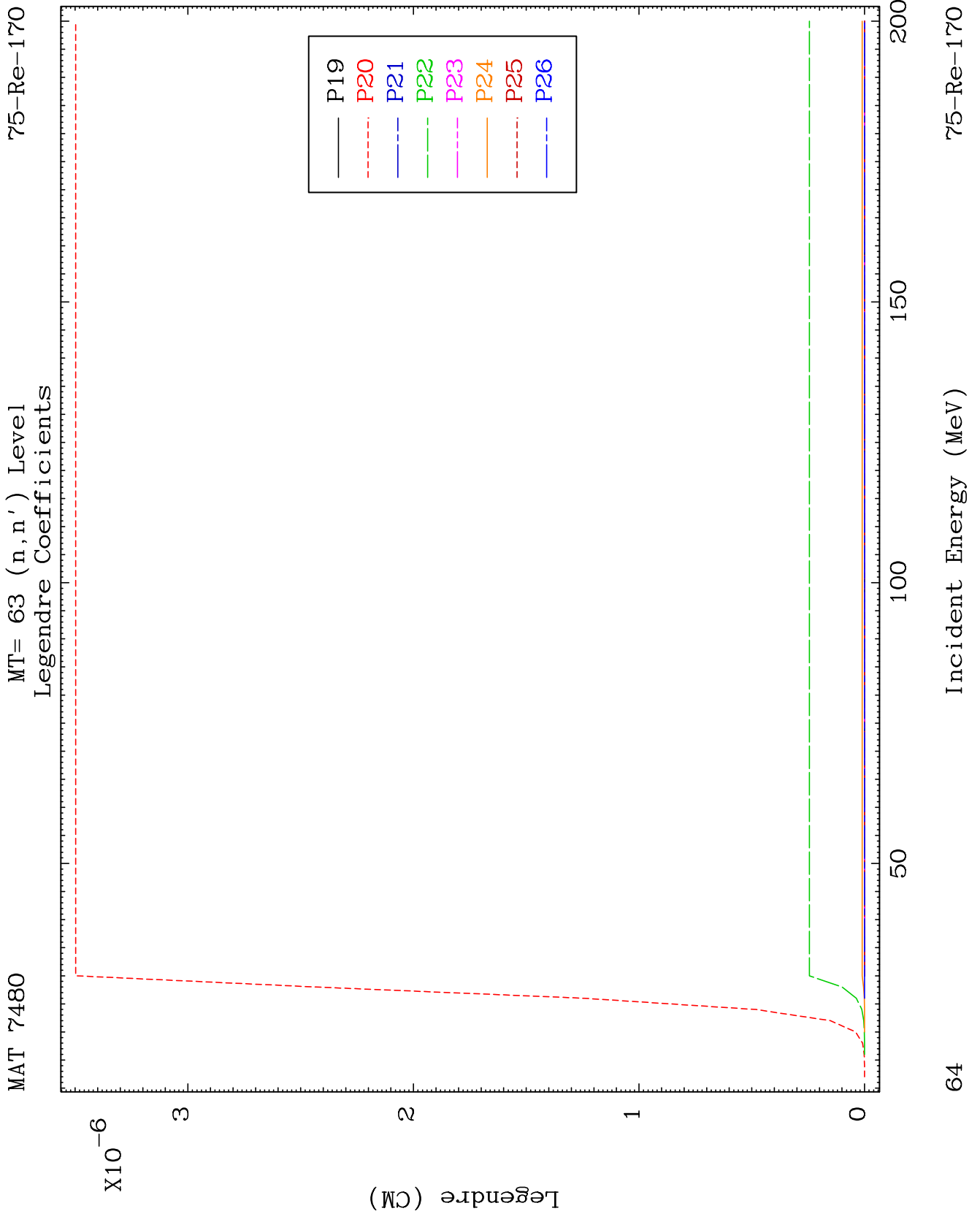


63

Incident Energy (MeV)

75-Re-170



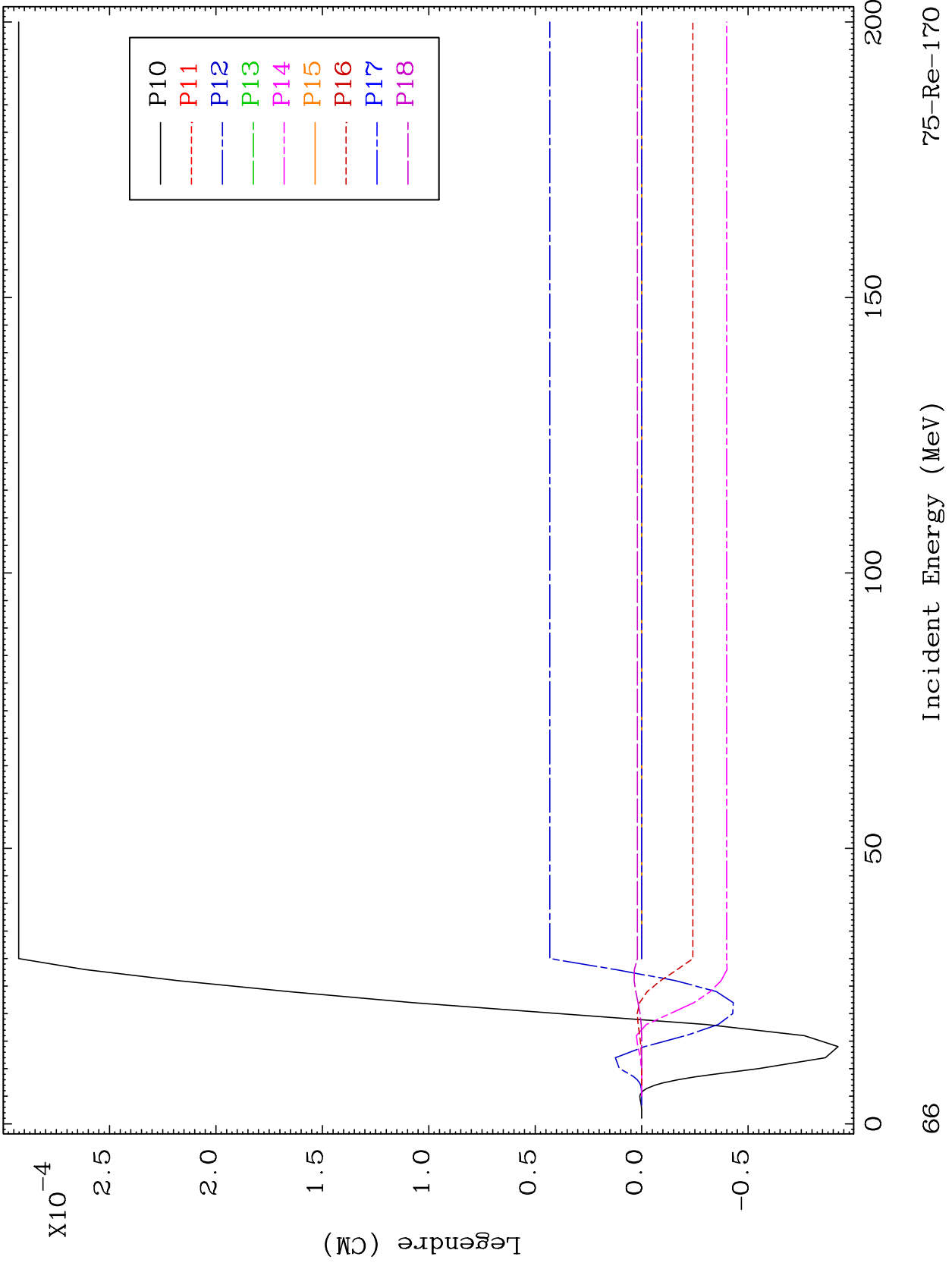




MAT 7480

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

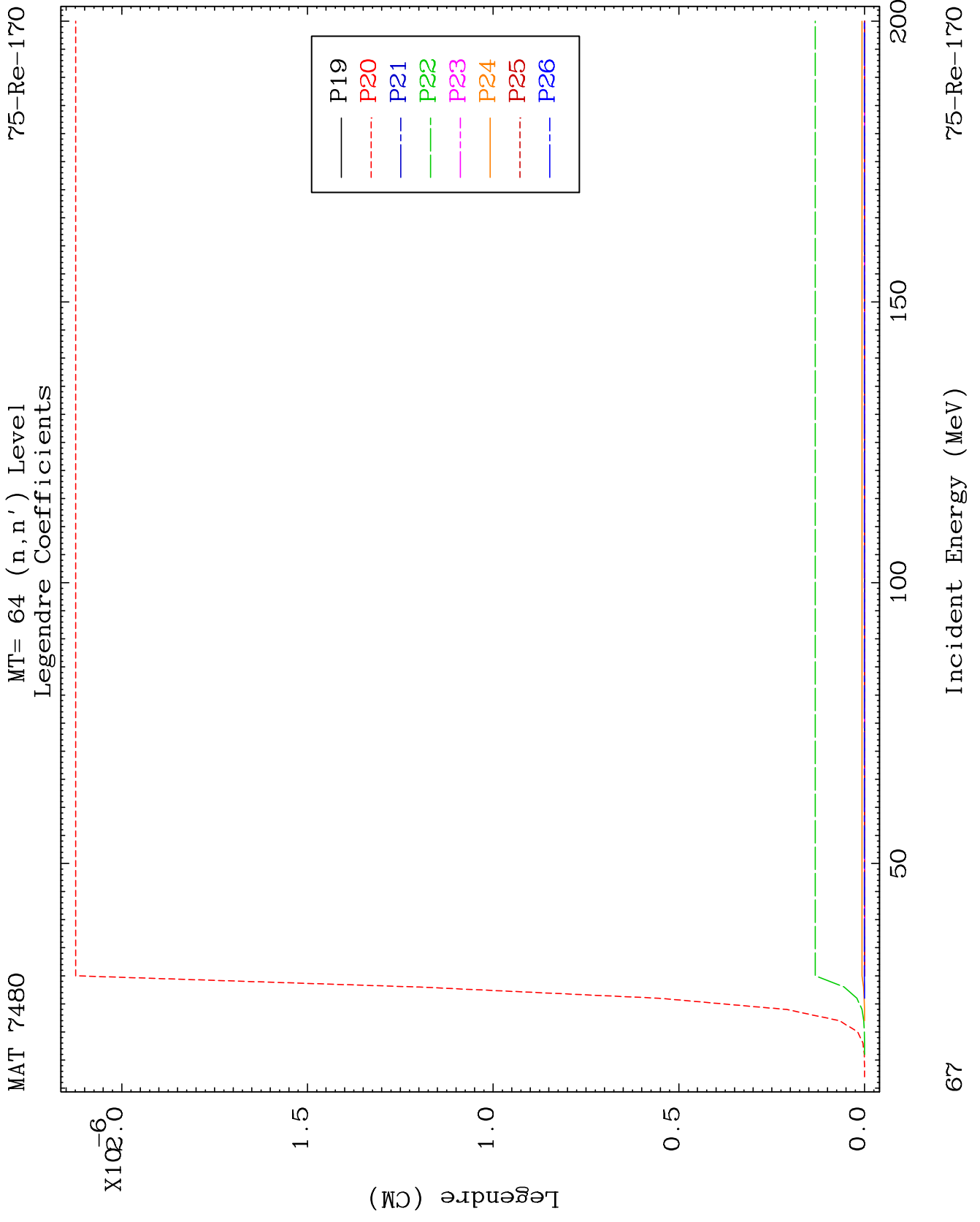
75-Re-170

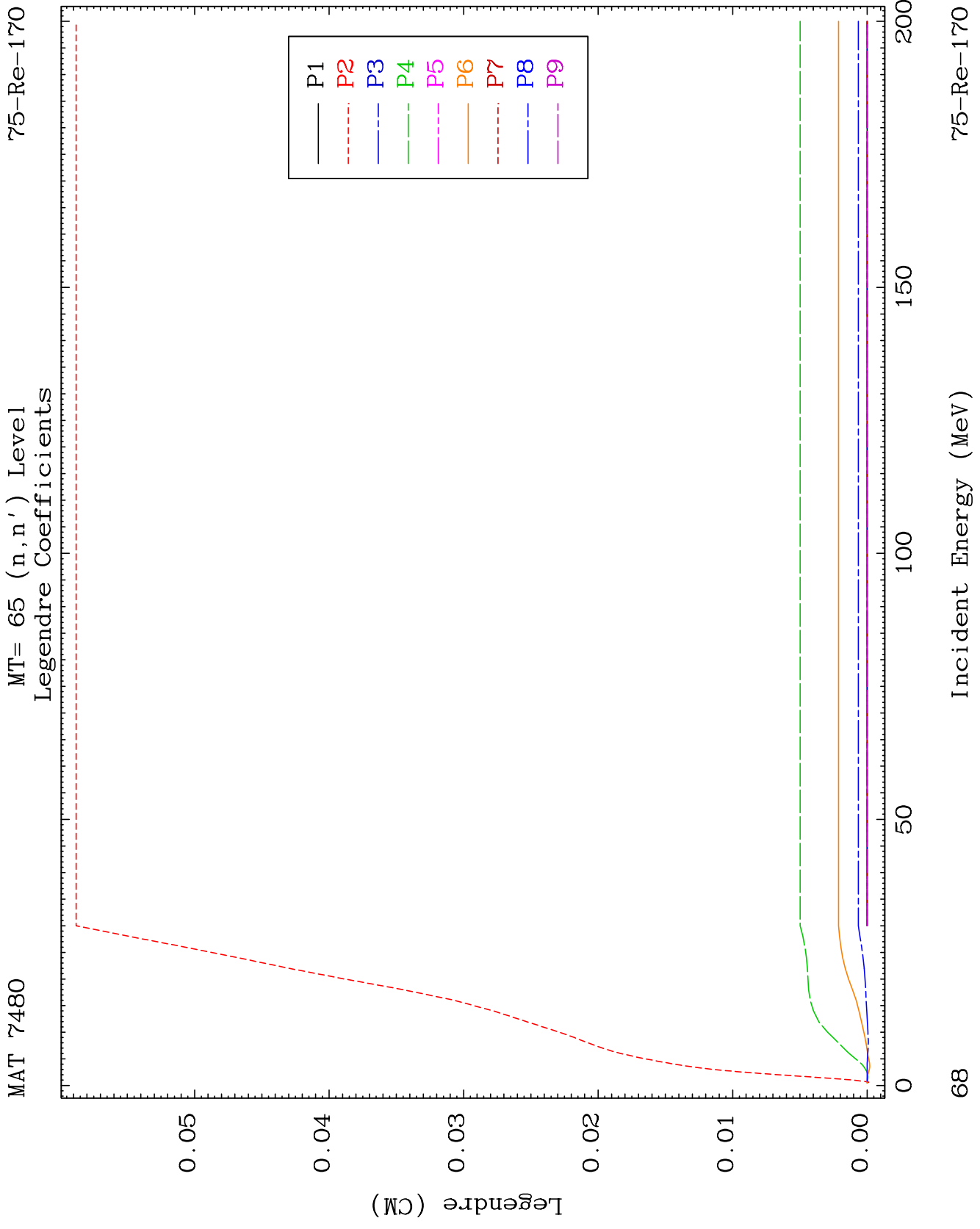


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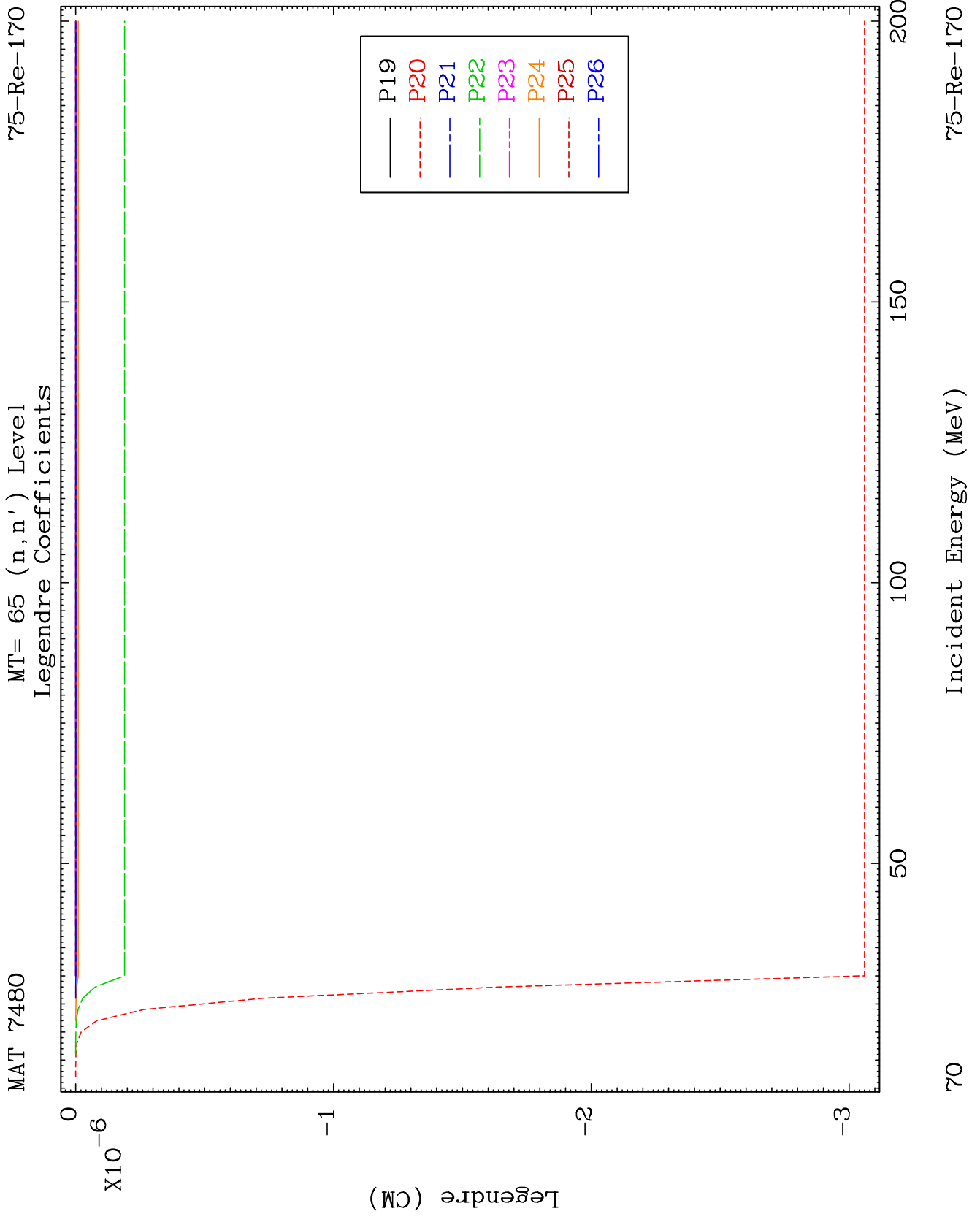
Incident Energy (MeV)

75-Re-170









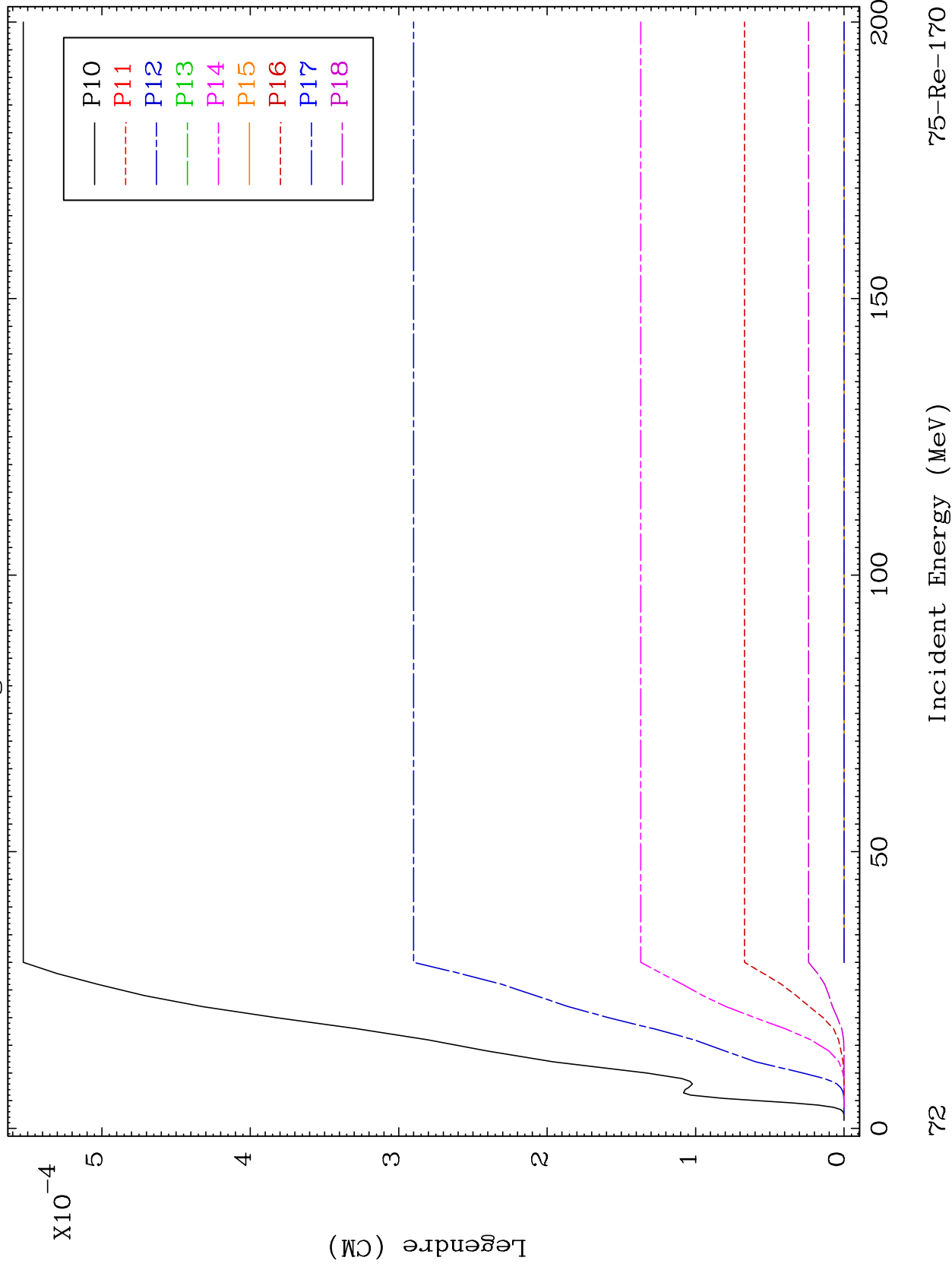




MAT 7480

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

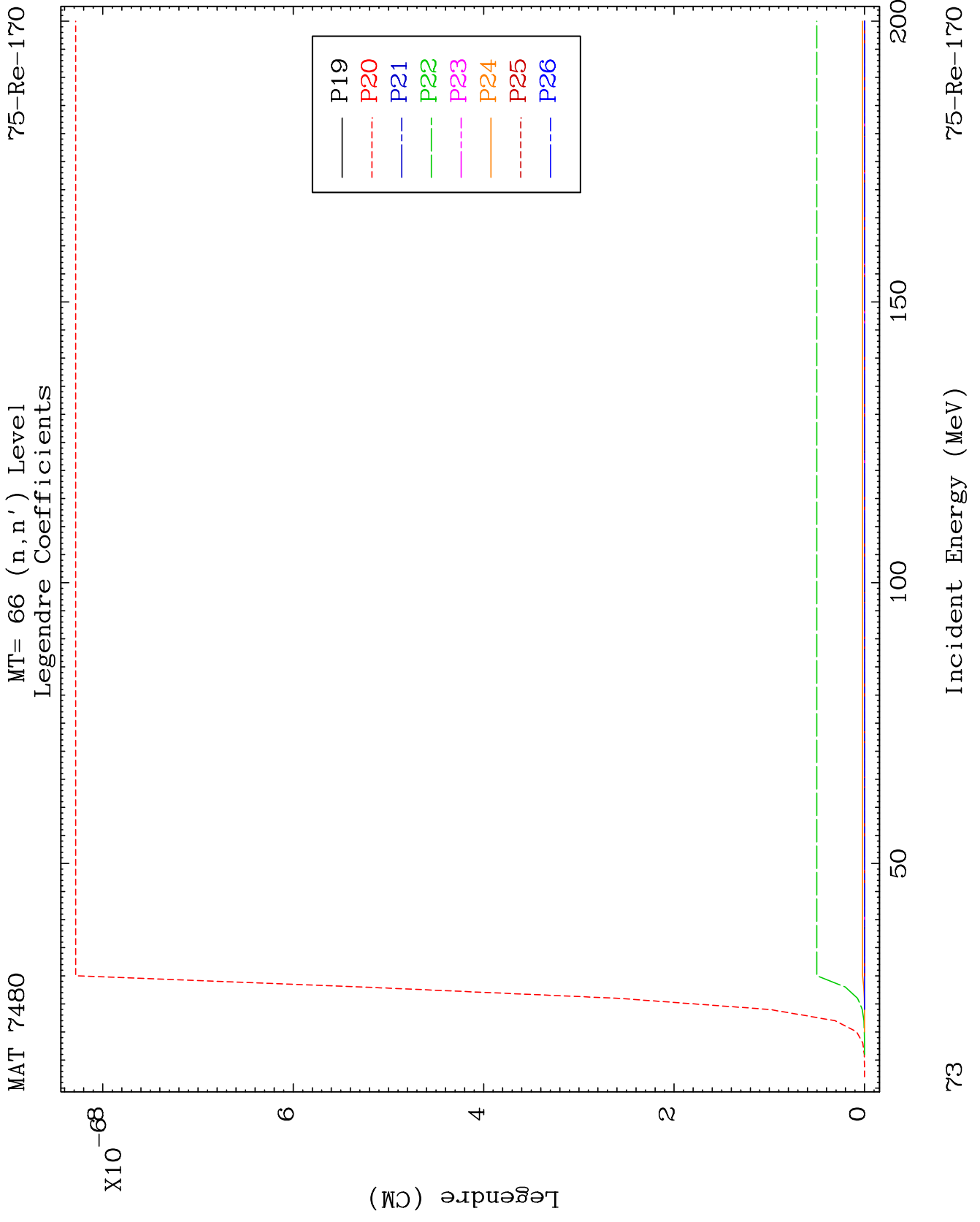
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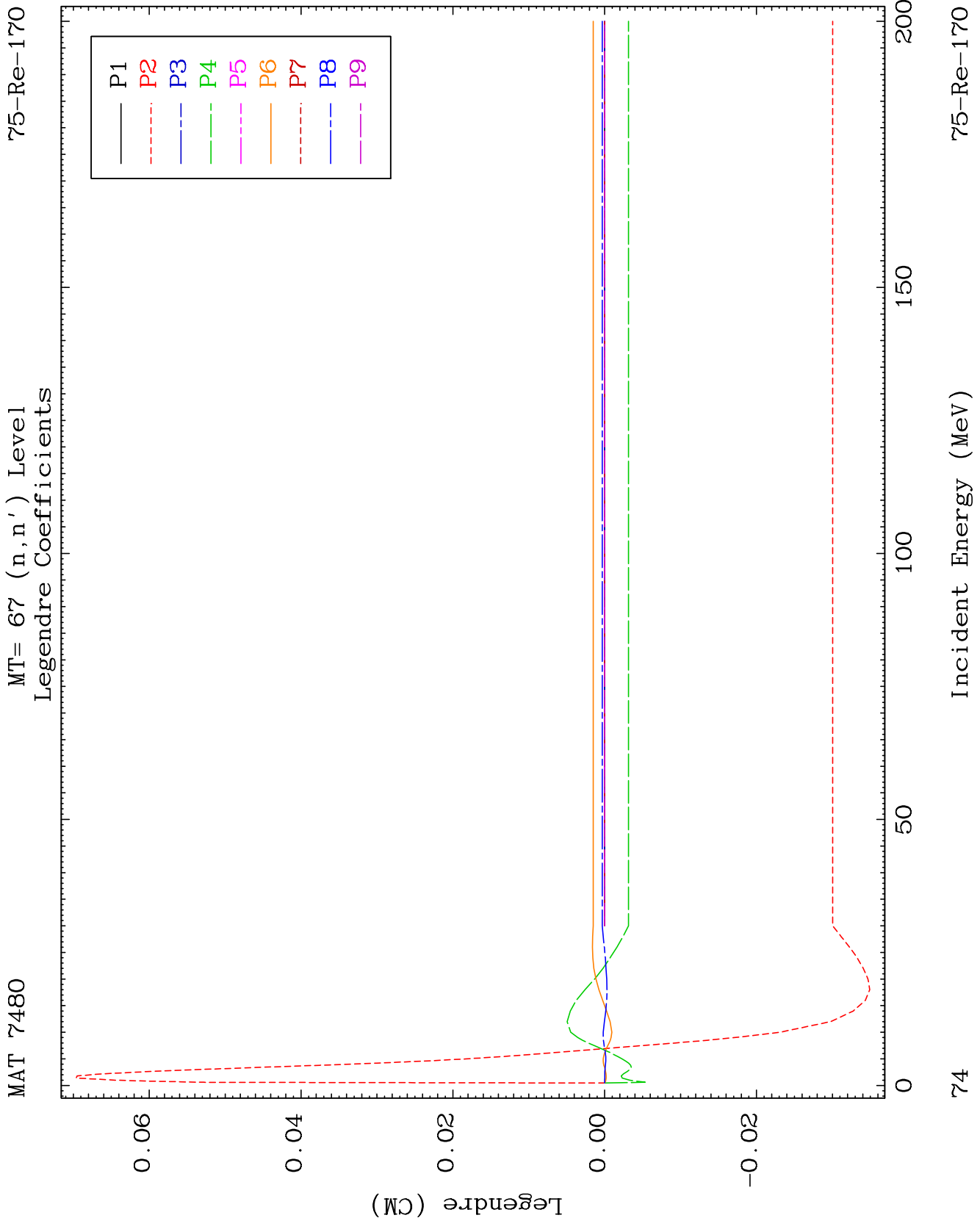


75-Re-170

Incident Energy (MeV)

72

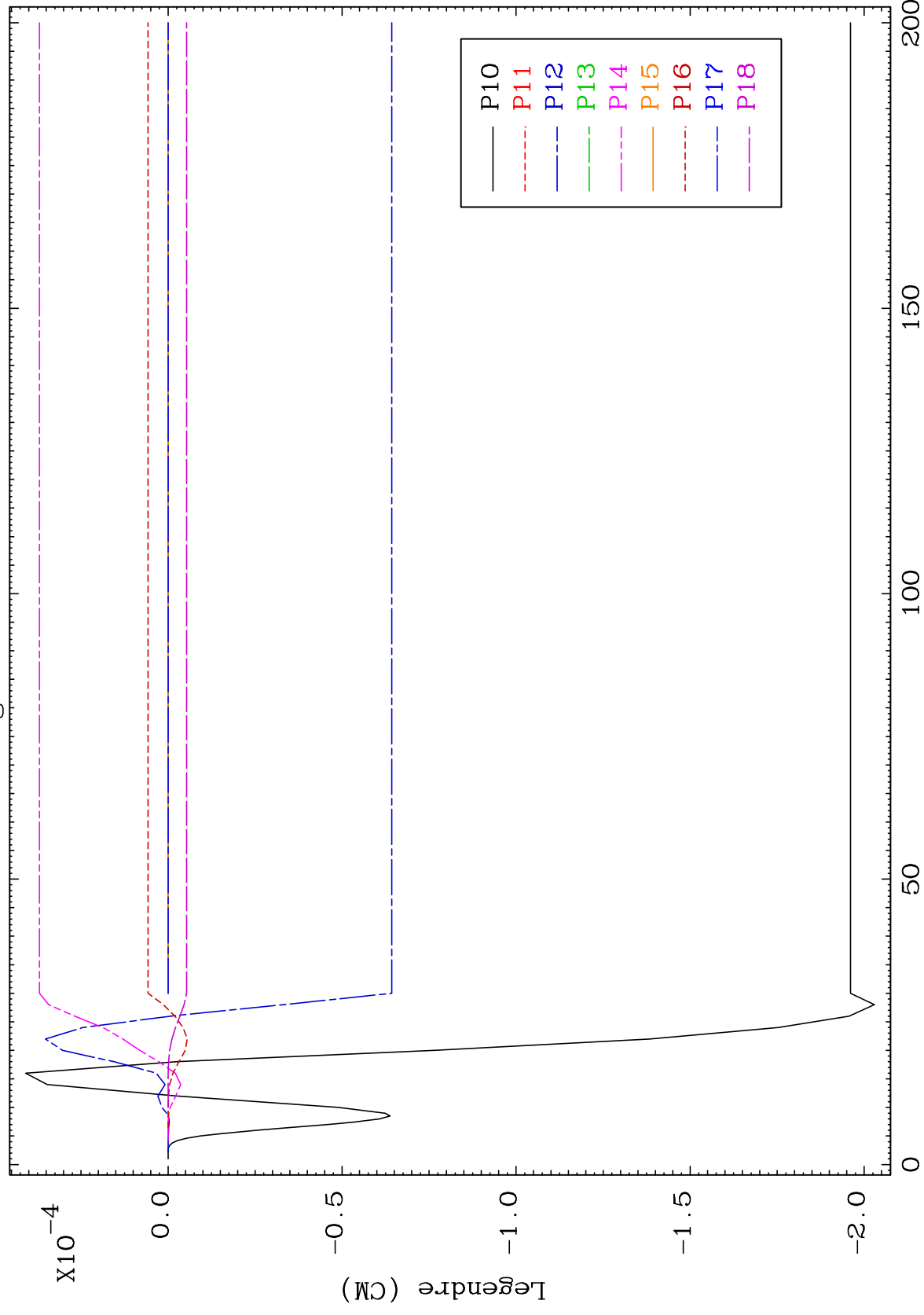




MAT 7480

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

75-Re-170



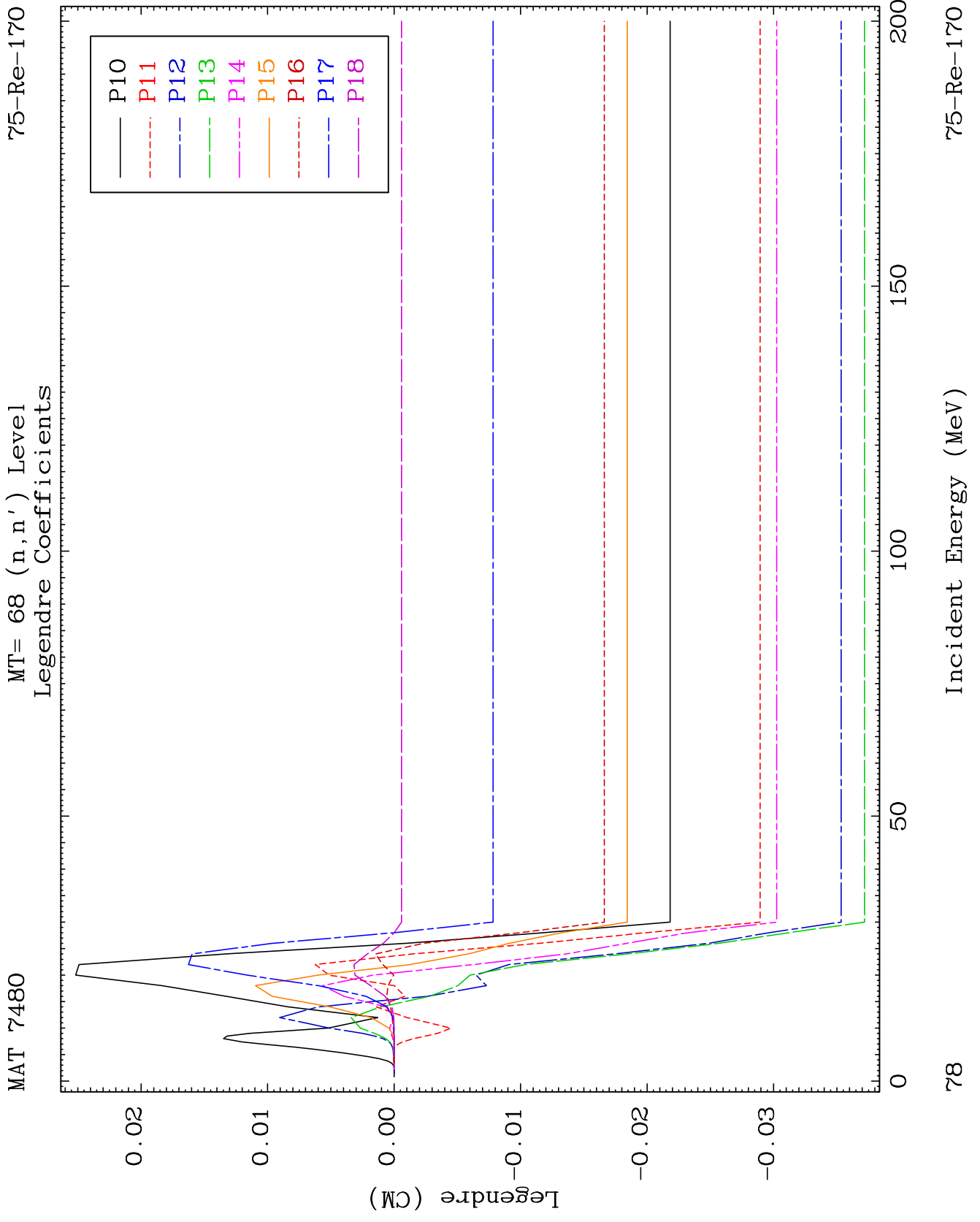
75

Incident Energy (MeV)

75-Re-170



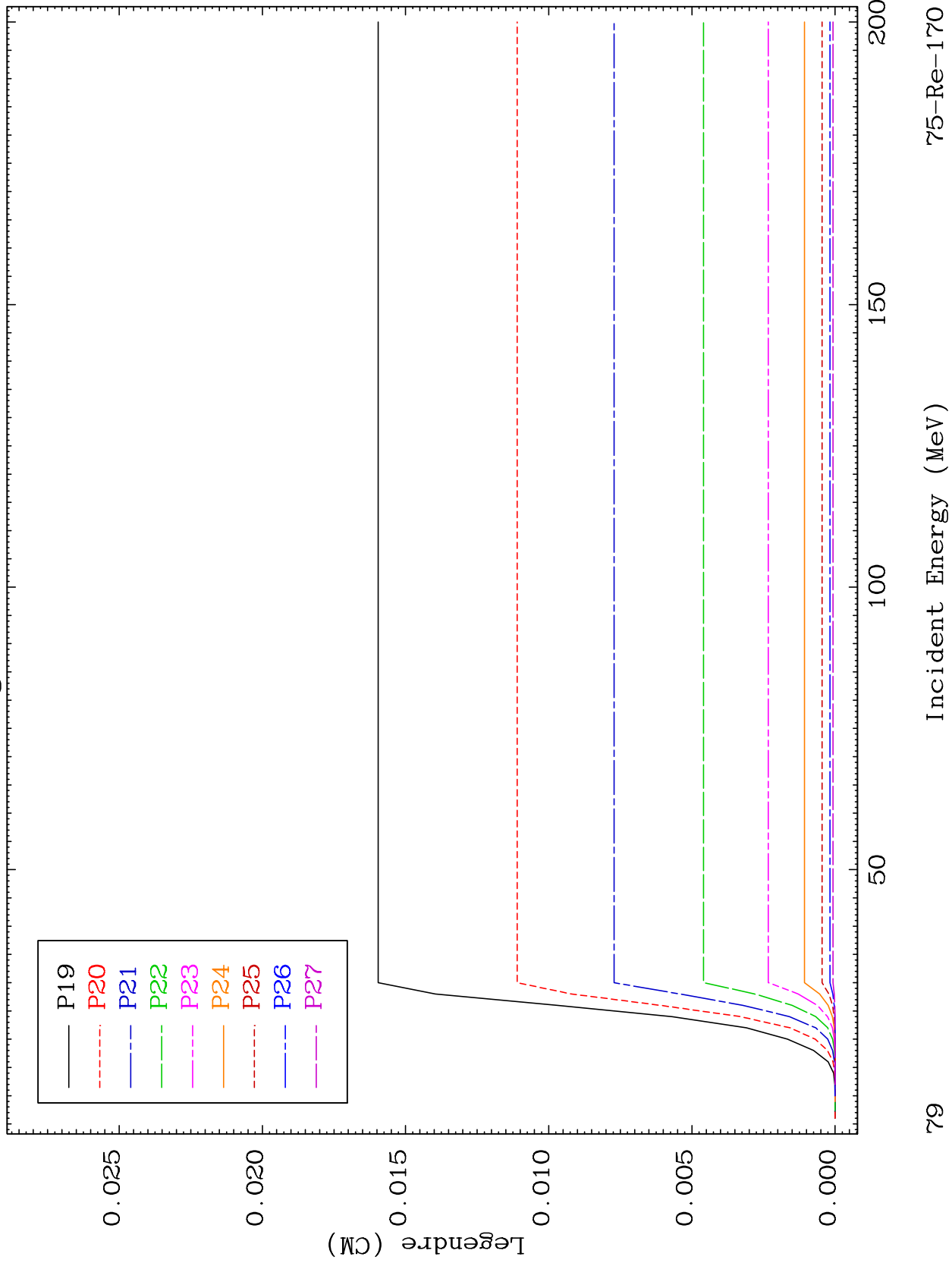




MAT 7480

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

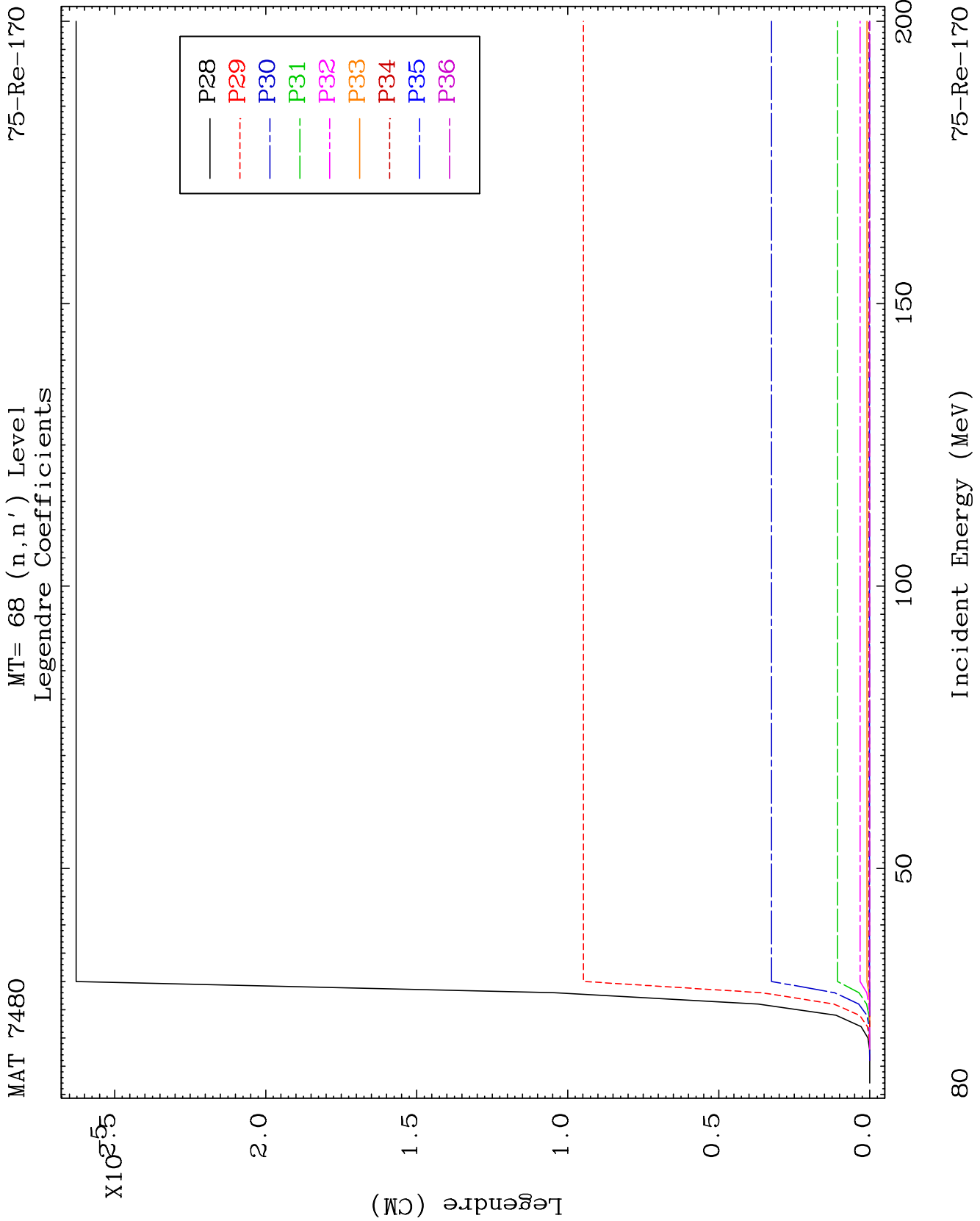
75-Re-170



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75-Re-170

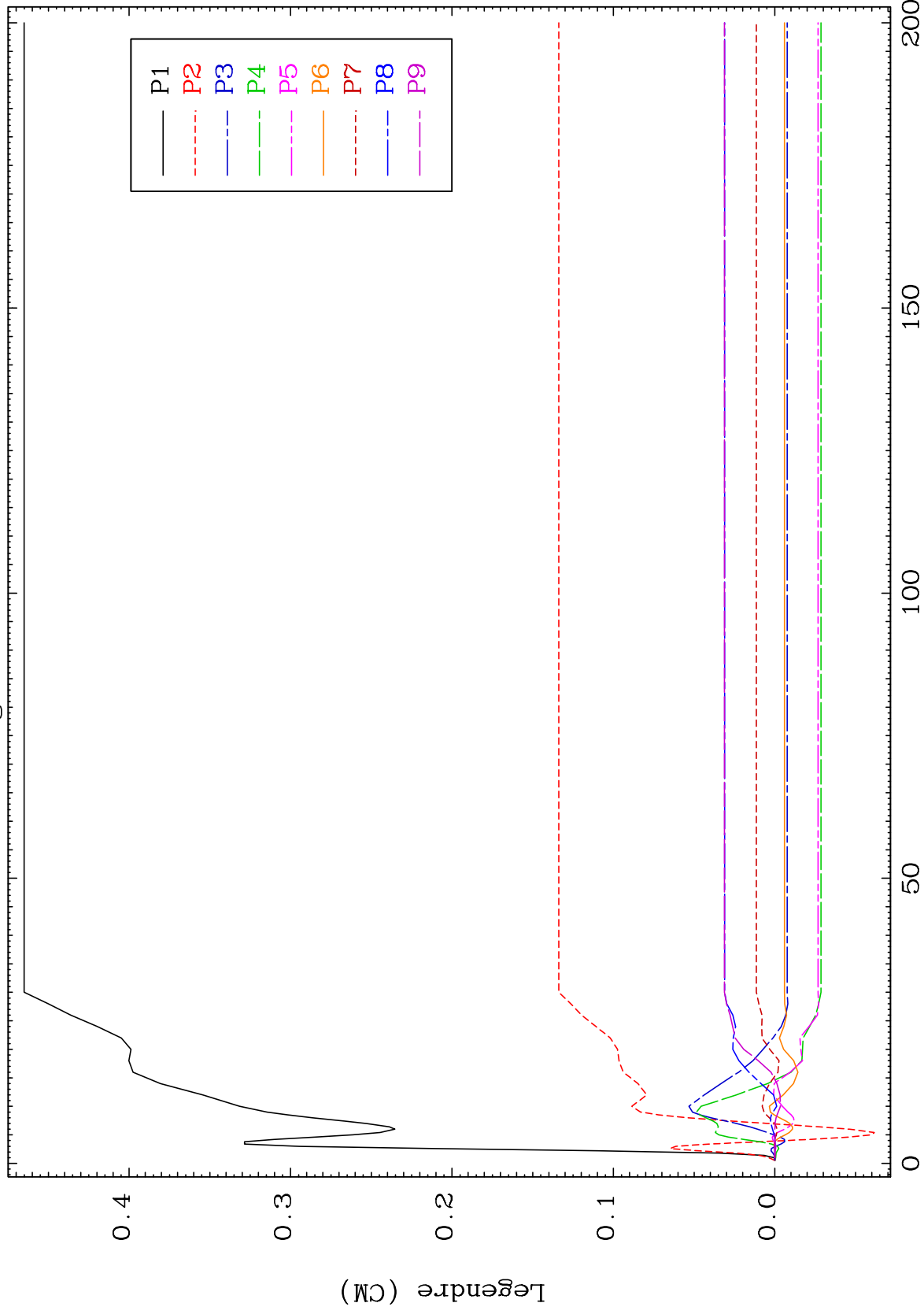




MAT 7480

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

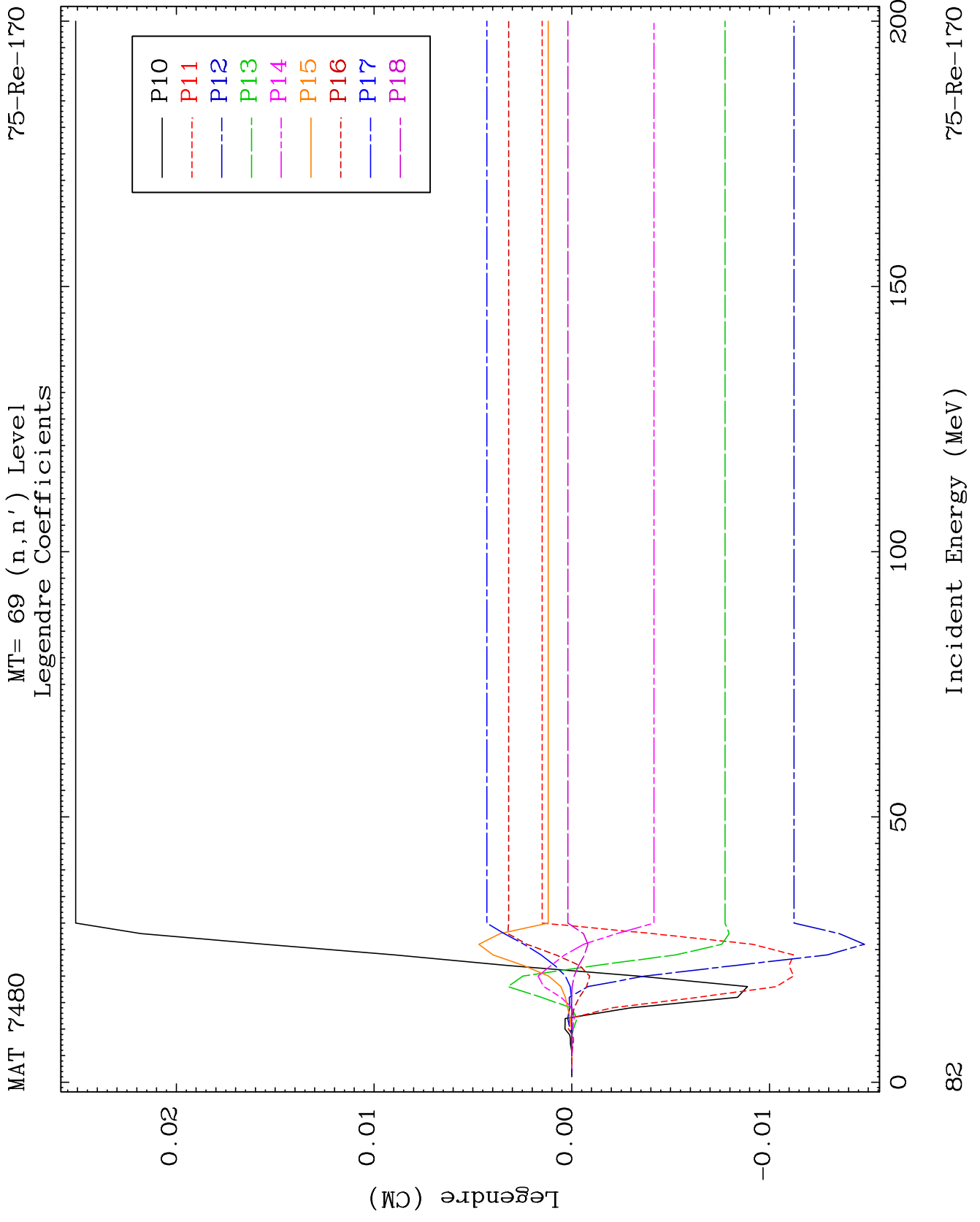
75-Re-170



81

Incident Energy (MeV)

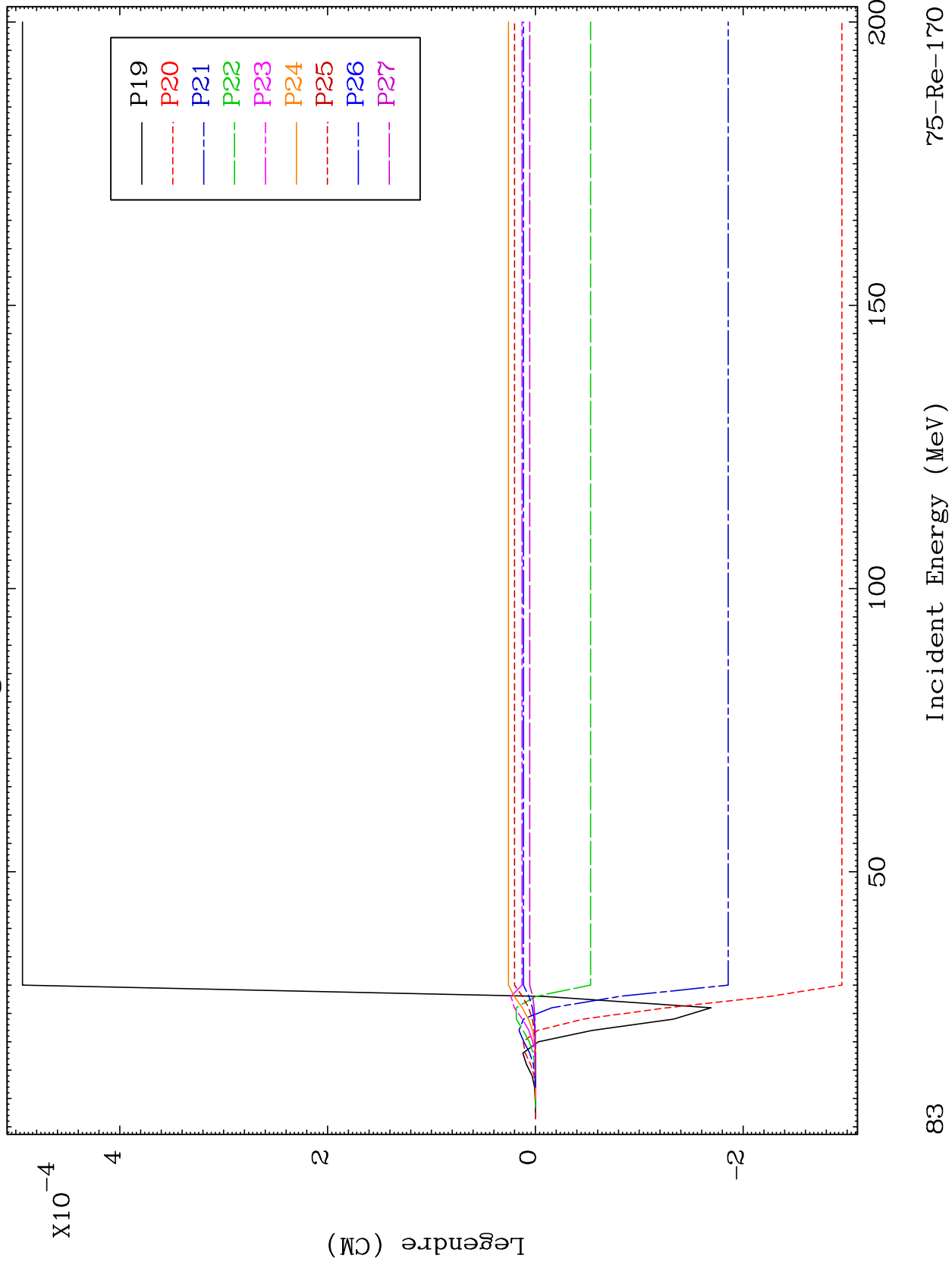
75-Re-170



MAT 7480

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

75-Re-170



83

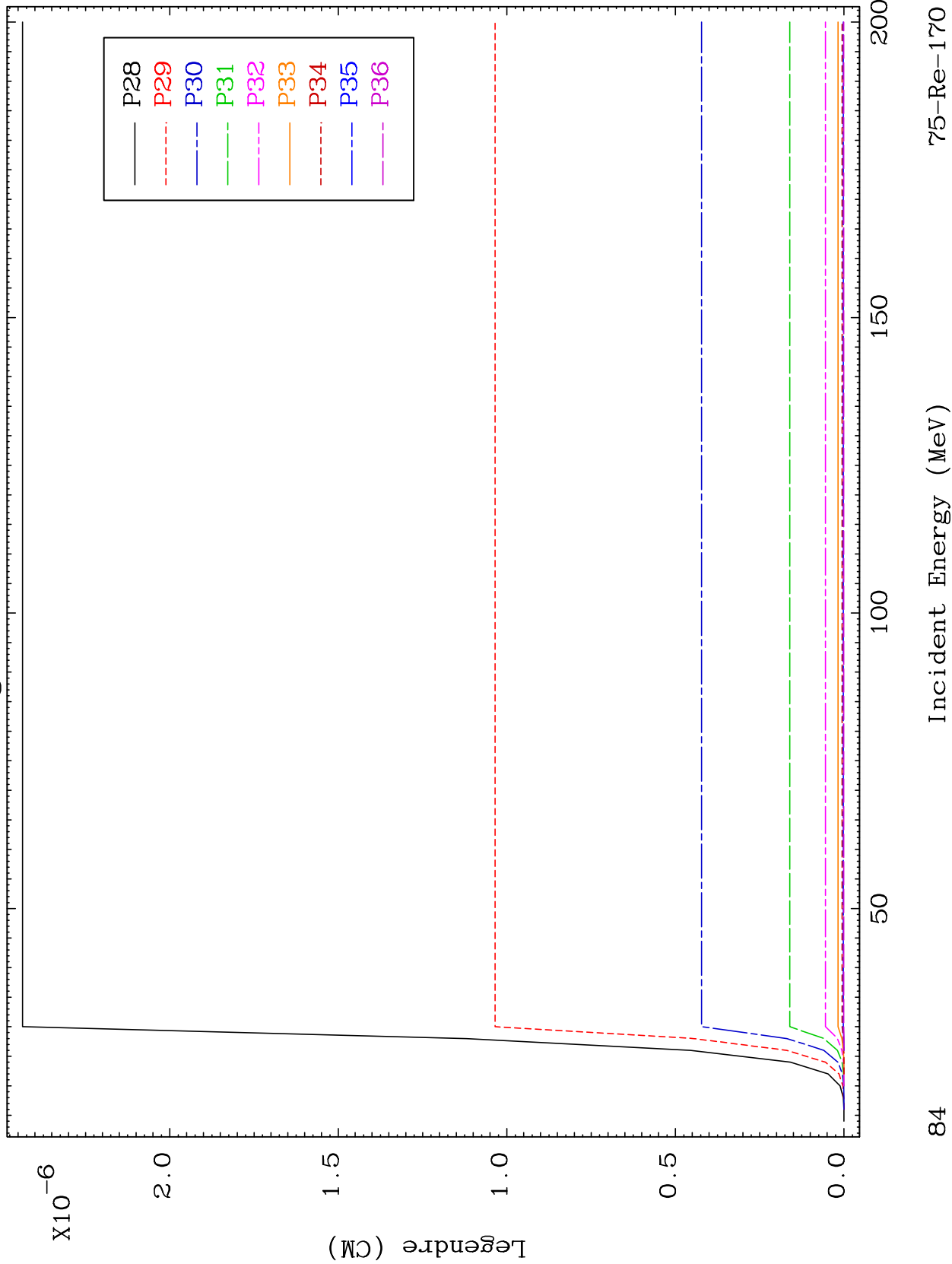
Incident Energy (MeV)

75-Re-170

MAT 7480

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

75-Re-170



84

Incident Energy (MeV)

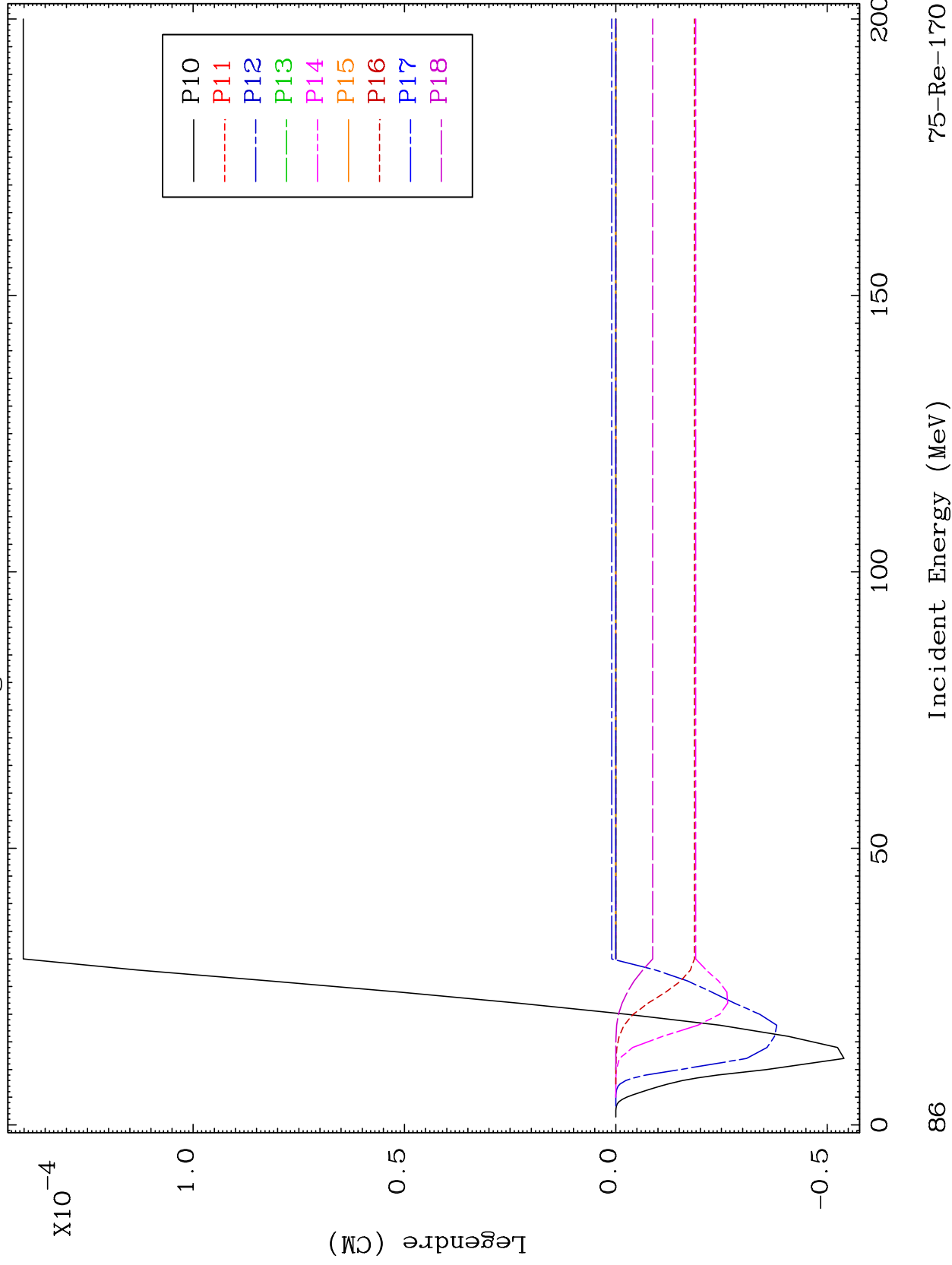
75-Re-170



MAT 7480

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

75-Re-170



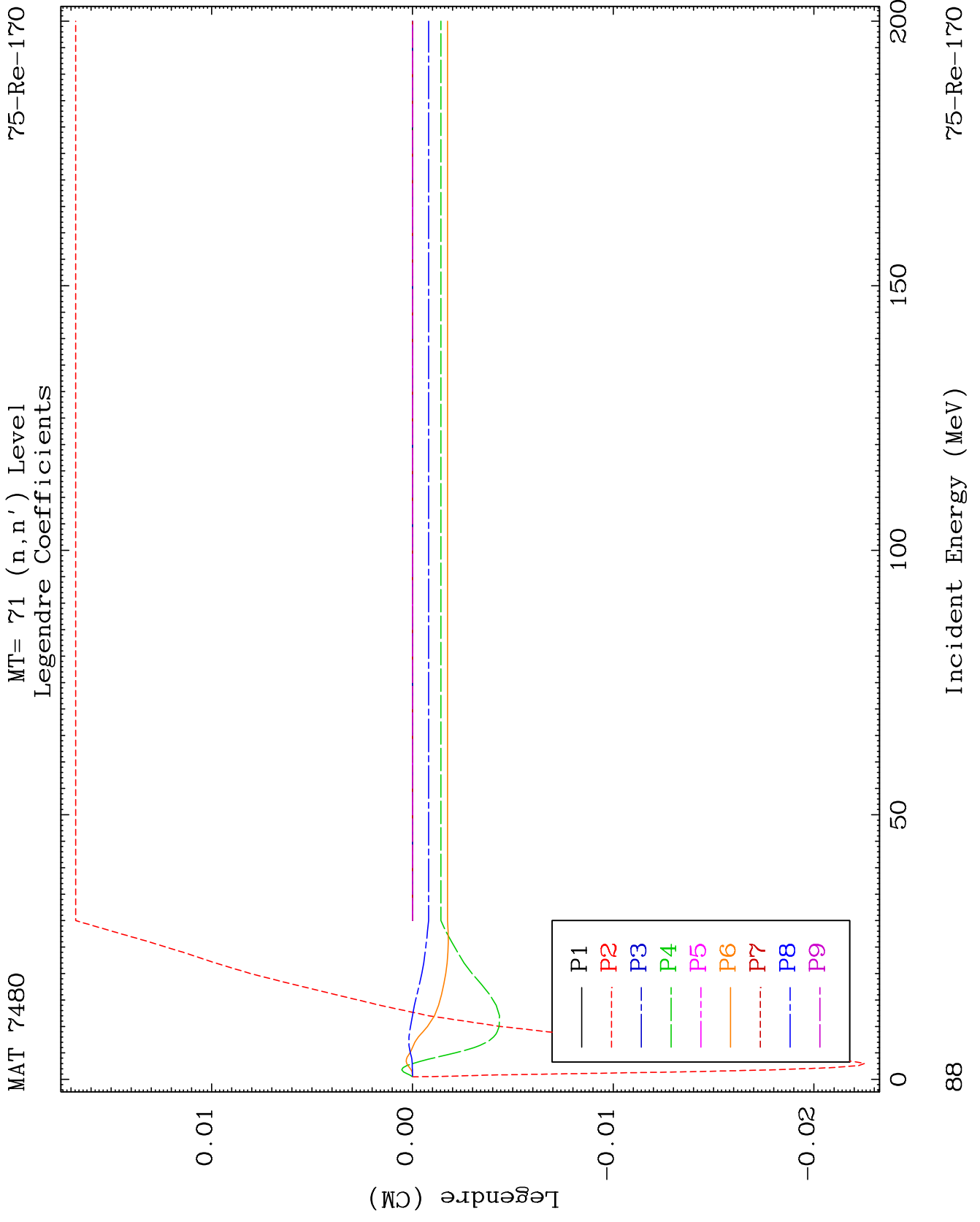
75-Re-170

Incident Energy (MeV)

86



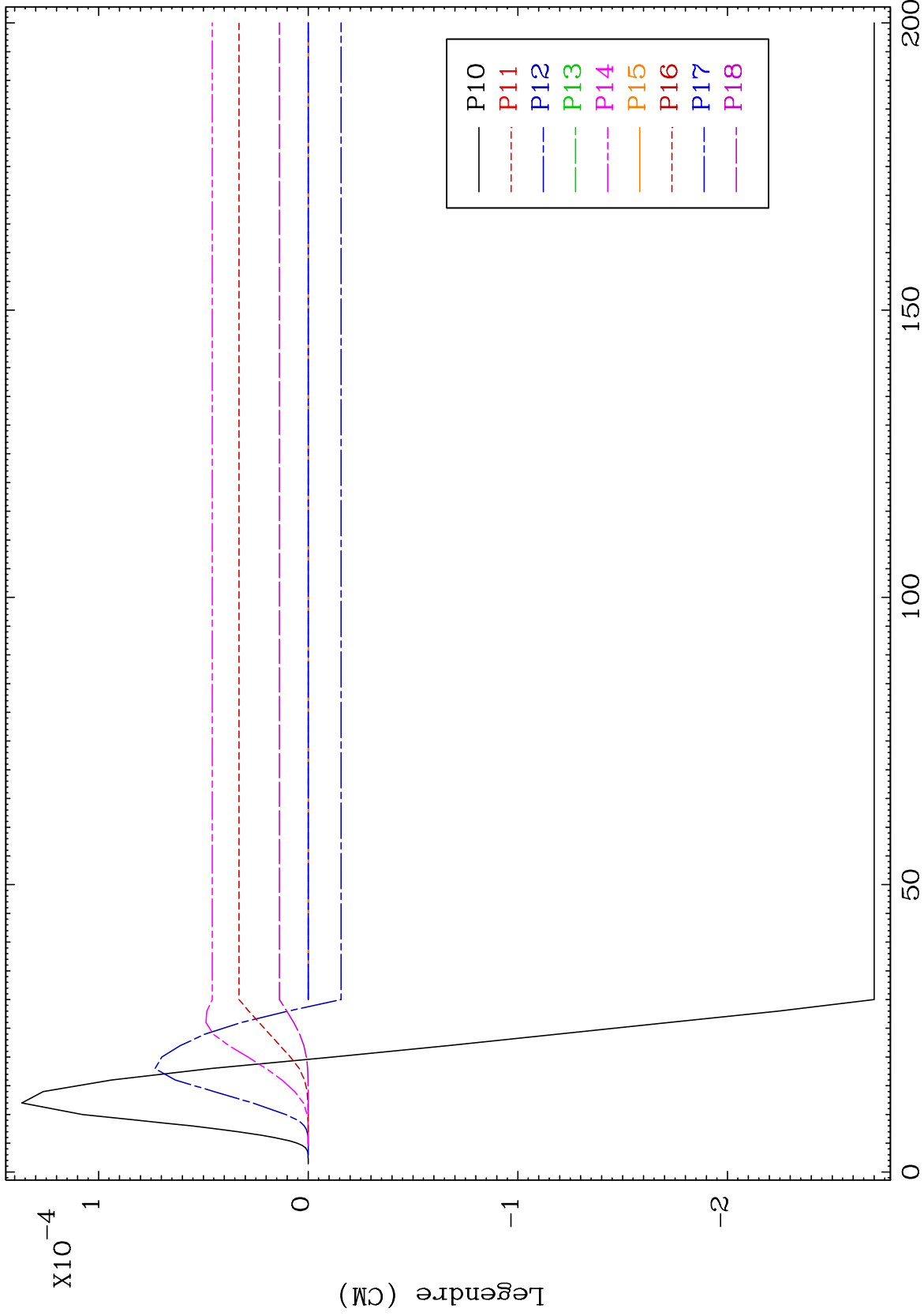




MAT 7480

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

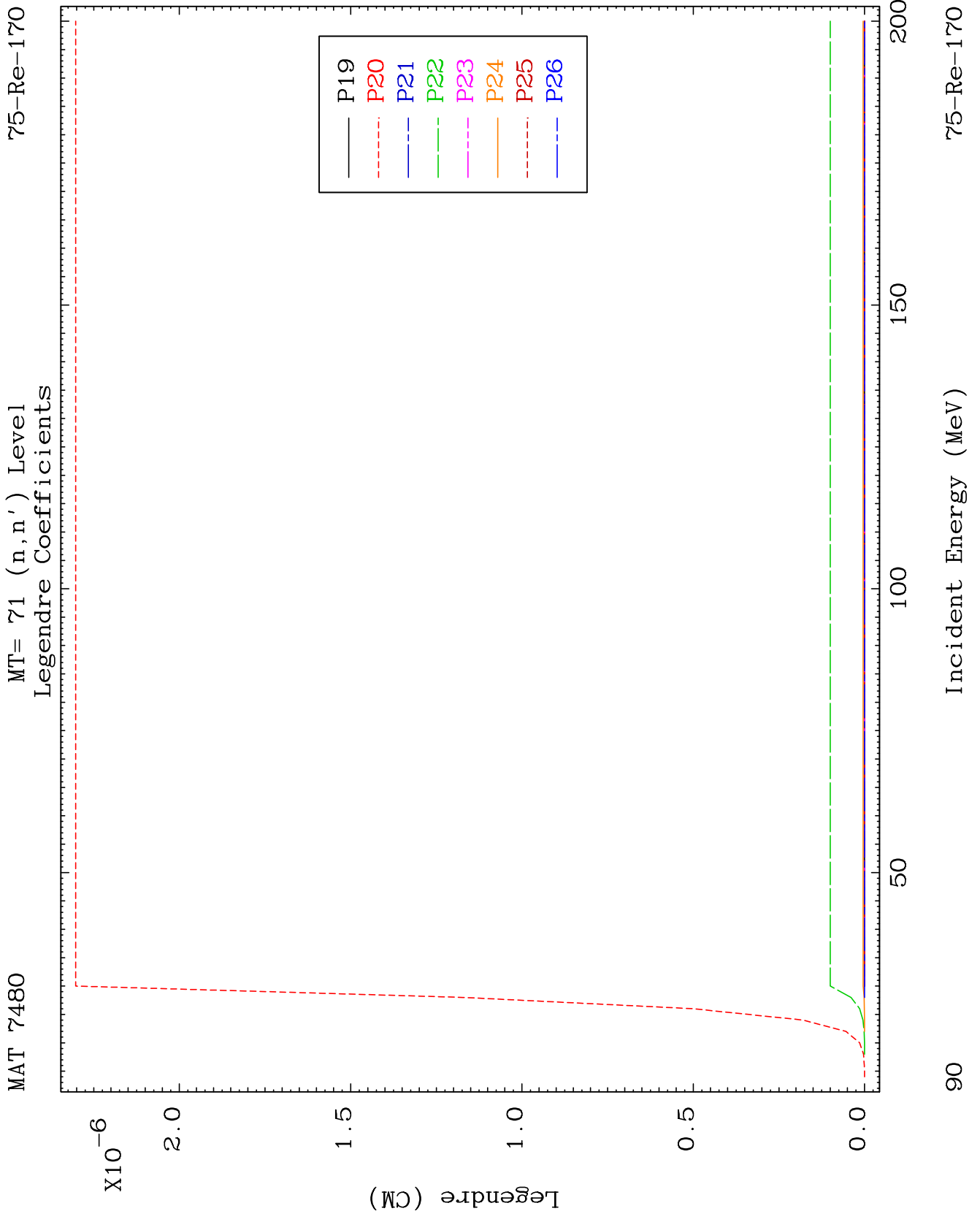
75-Re-170



89

Incident Energy (MeV)

75-Re-170

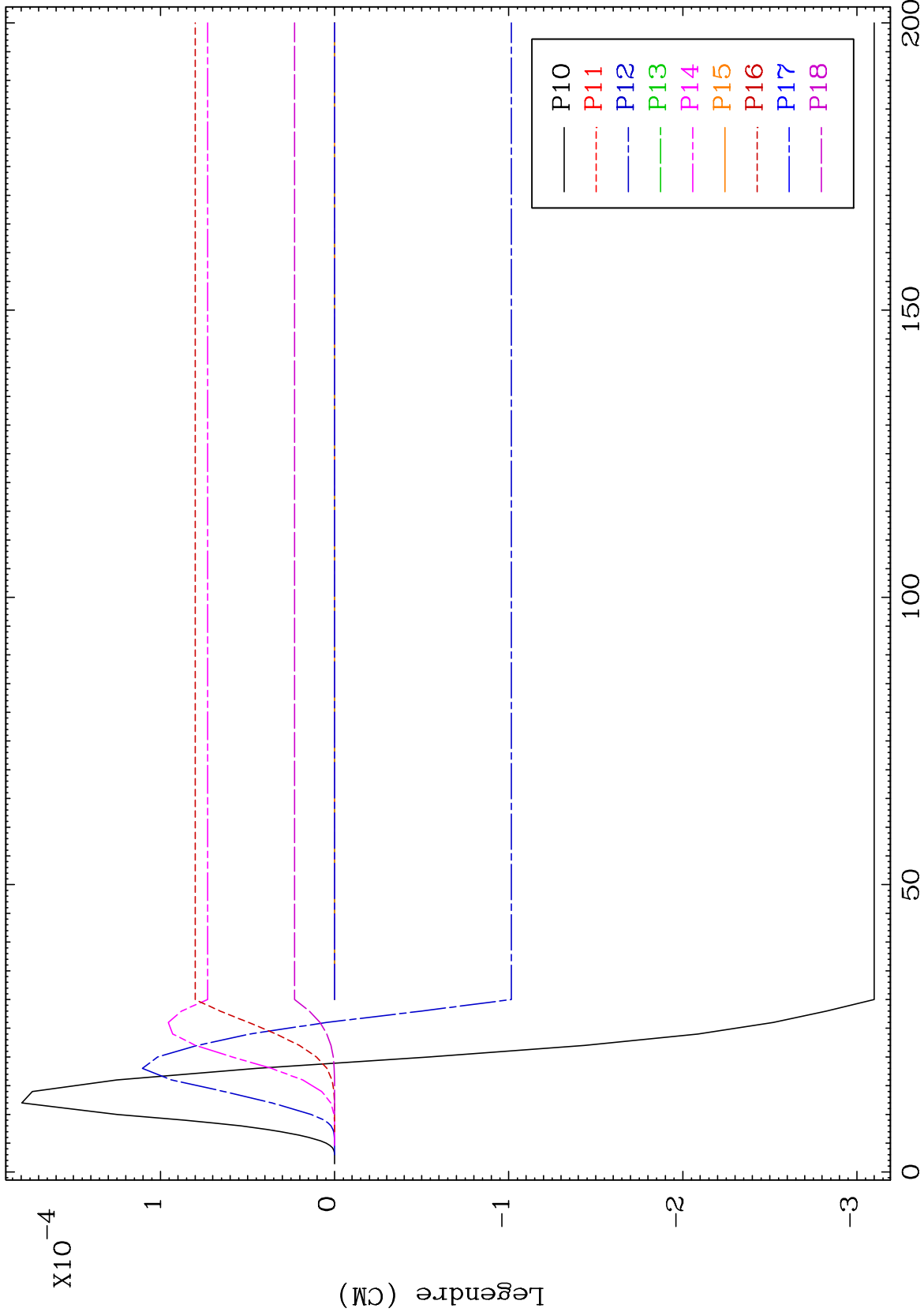




MAT 7480

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

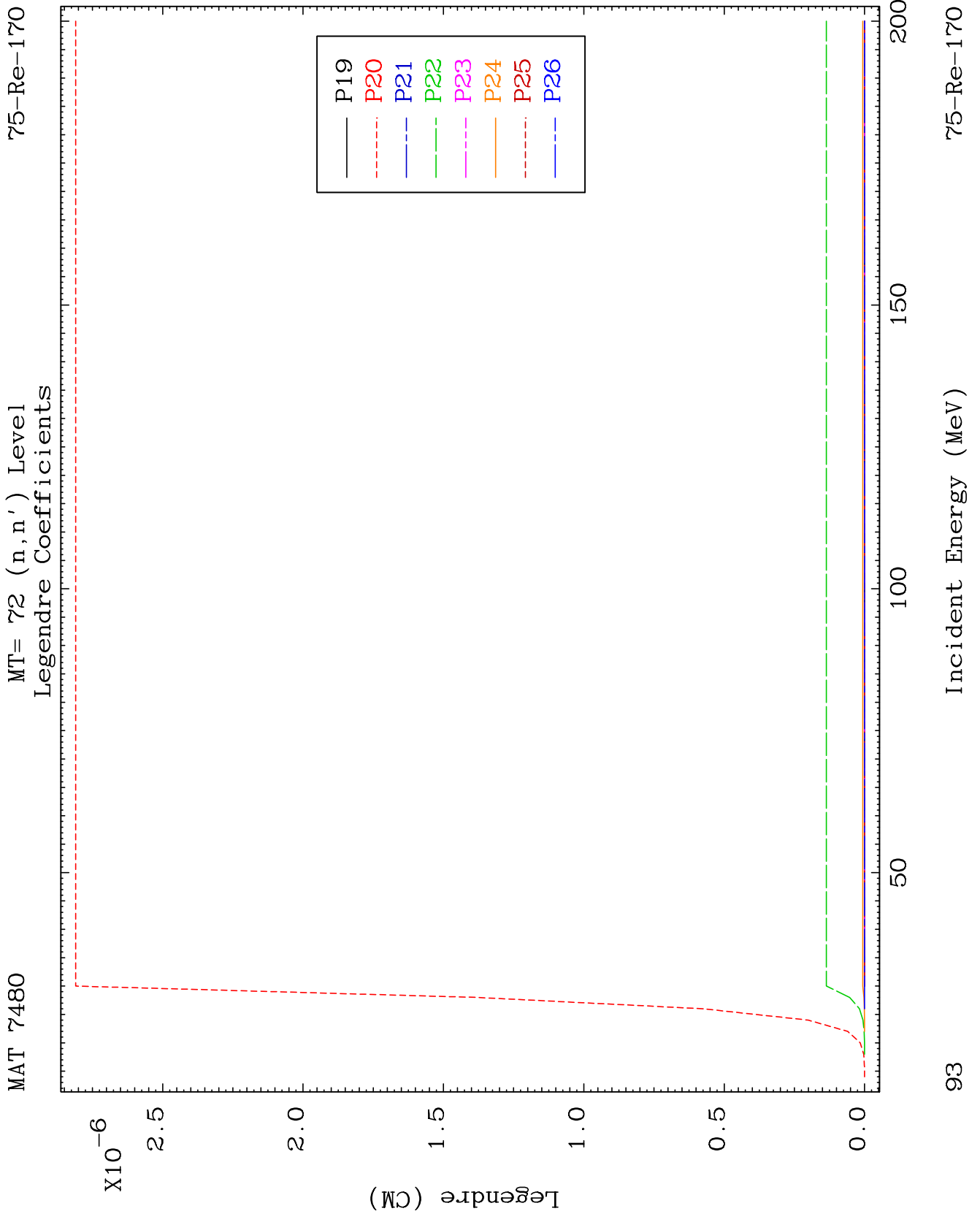
75-Re-170

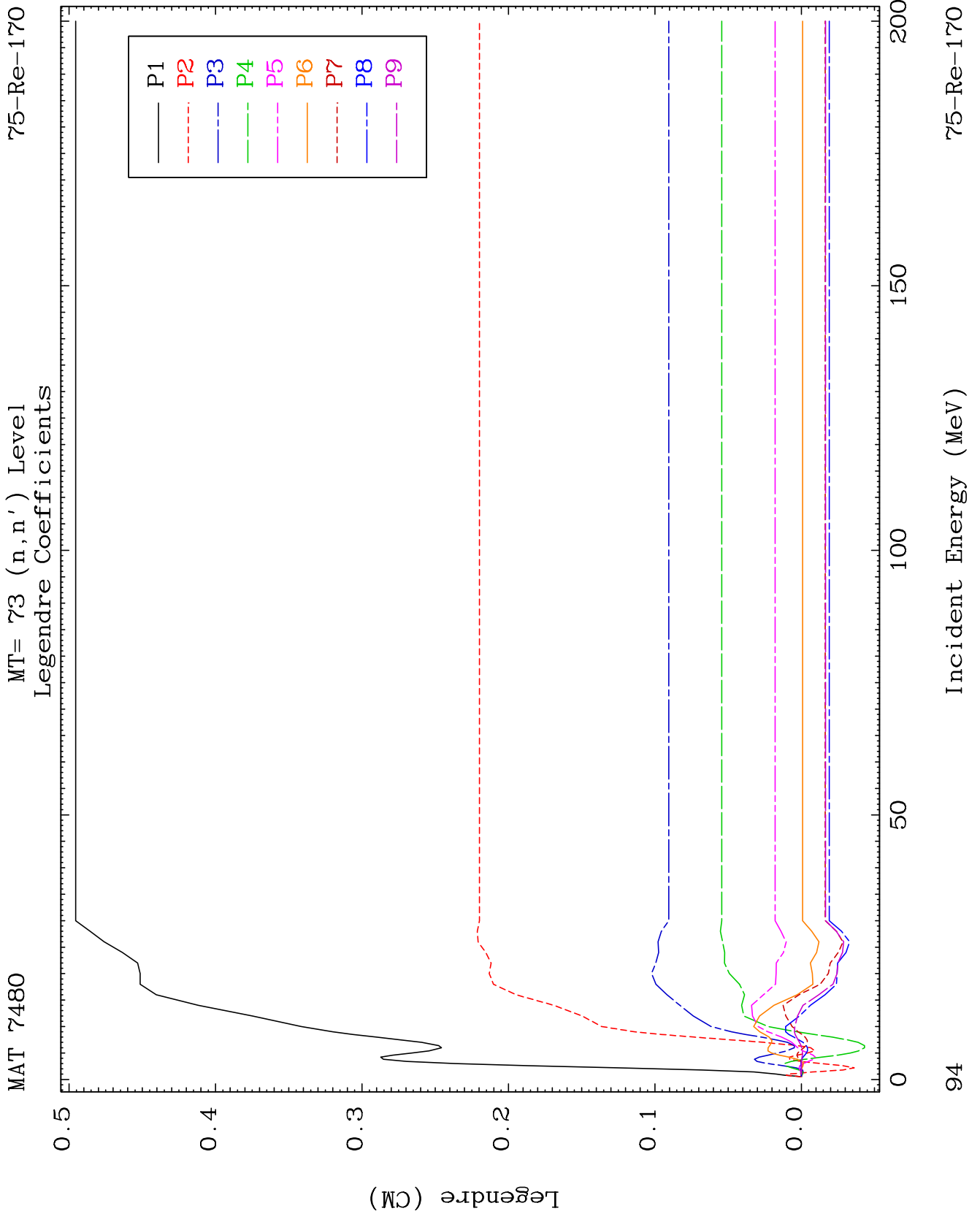


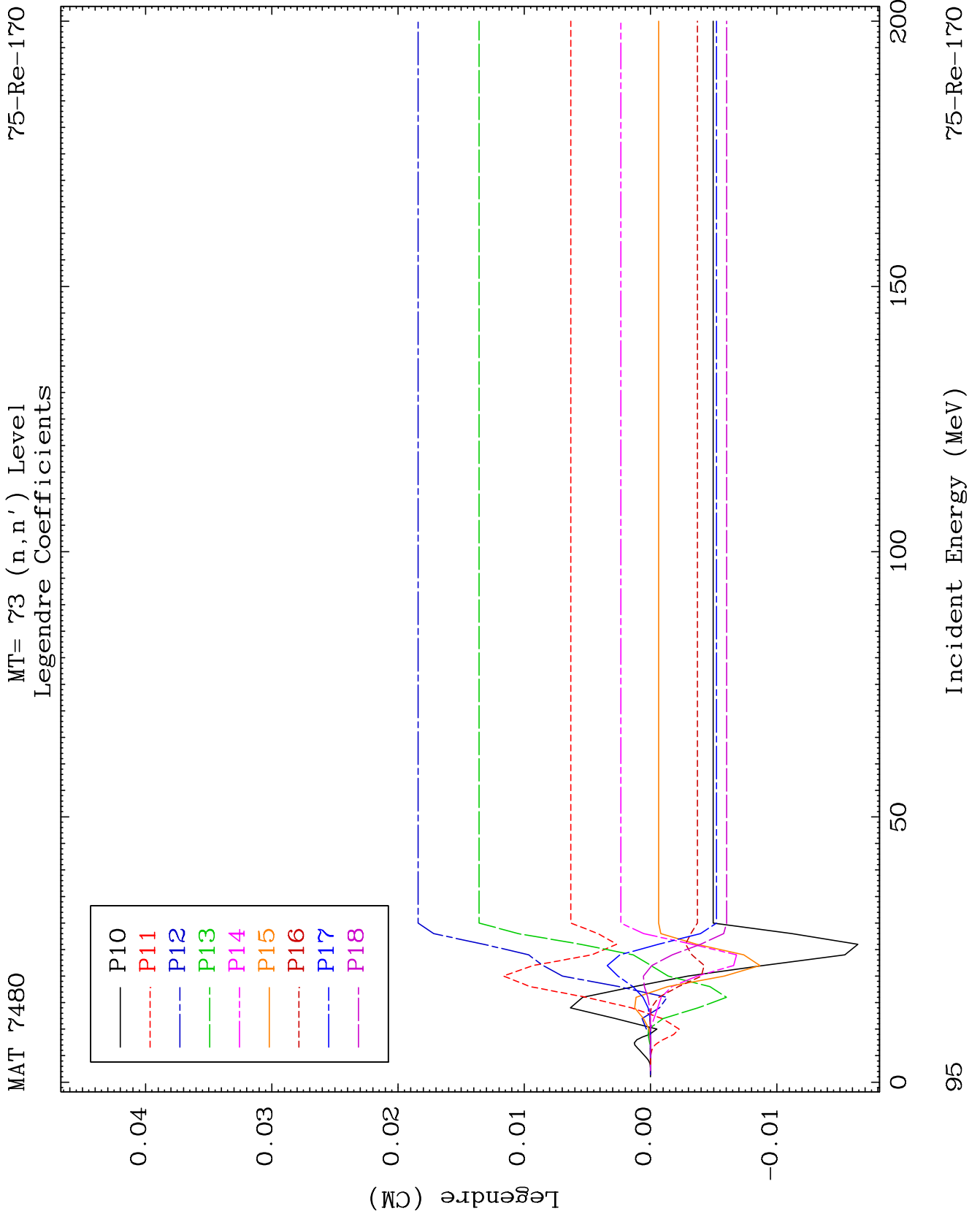
92

Incident Energy (MeV)

75-Re-170





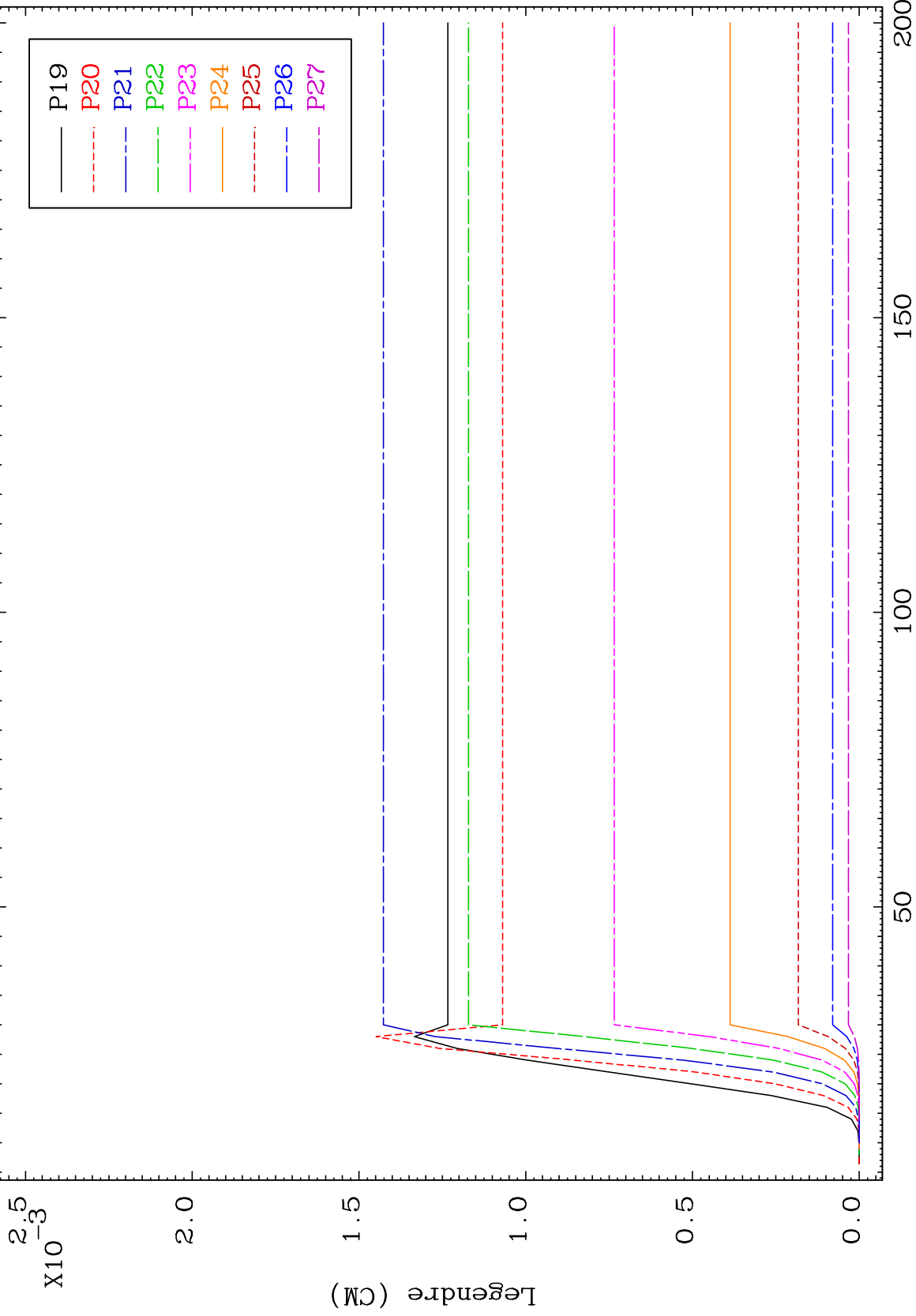




MAT 7480

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

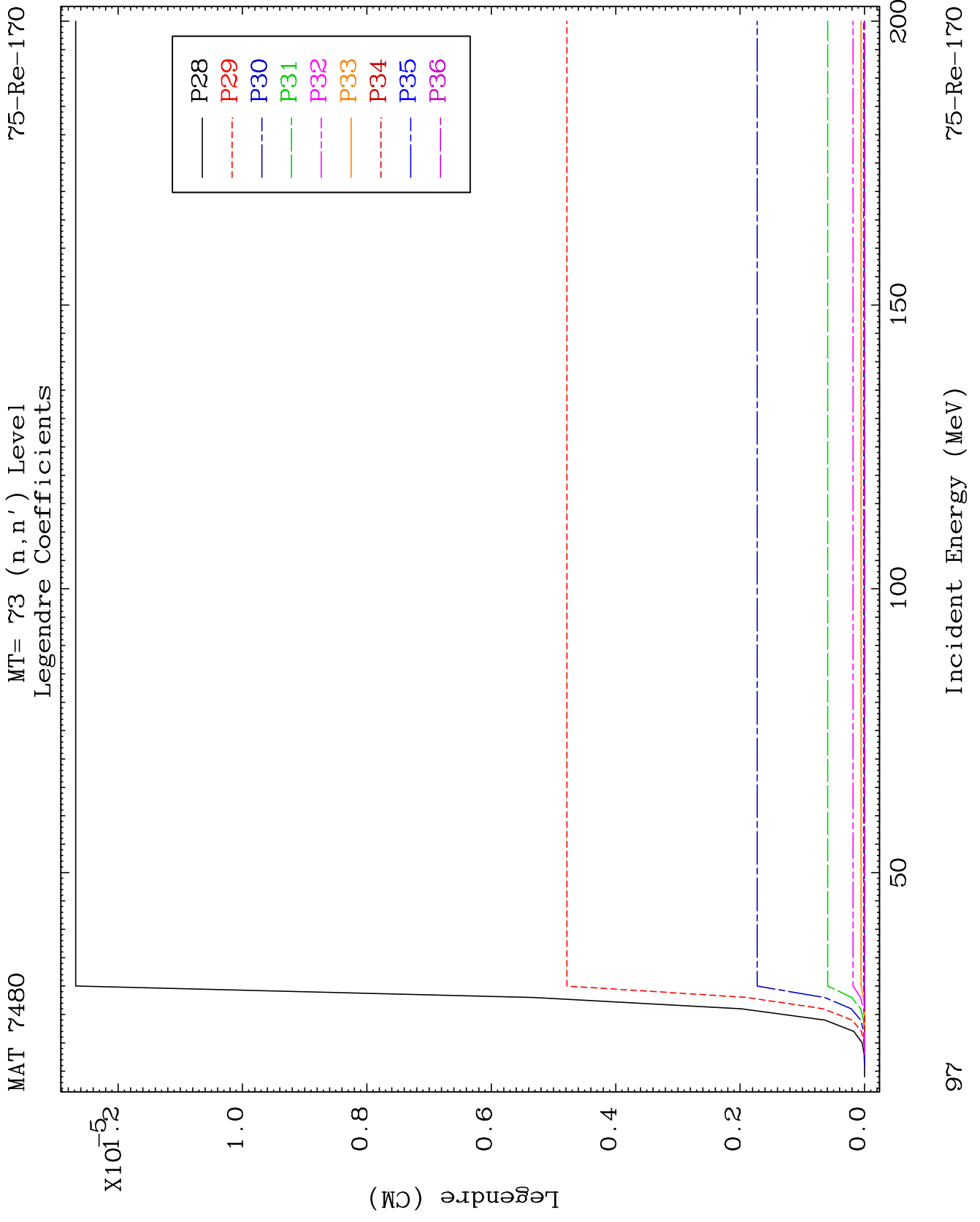
75-Re-170



96

Incident Energy (MeV)

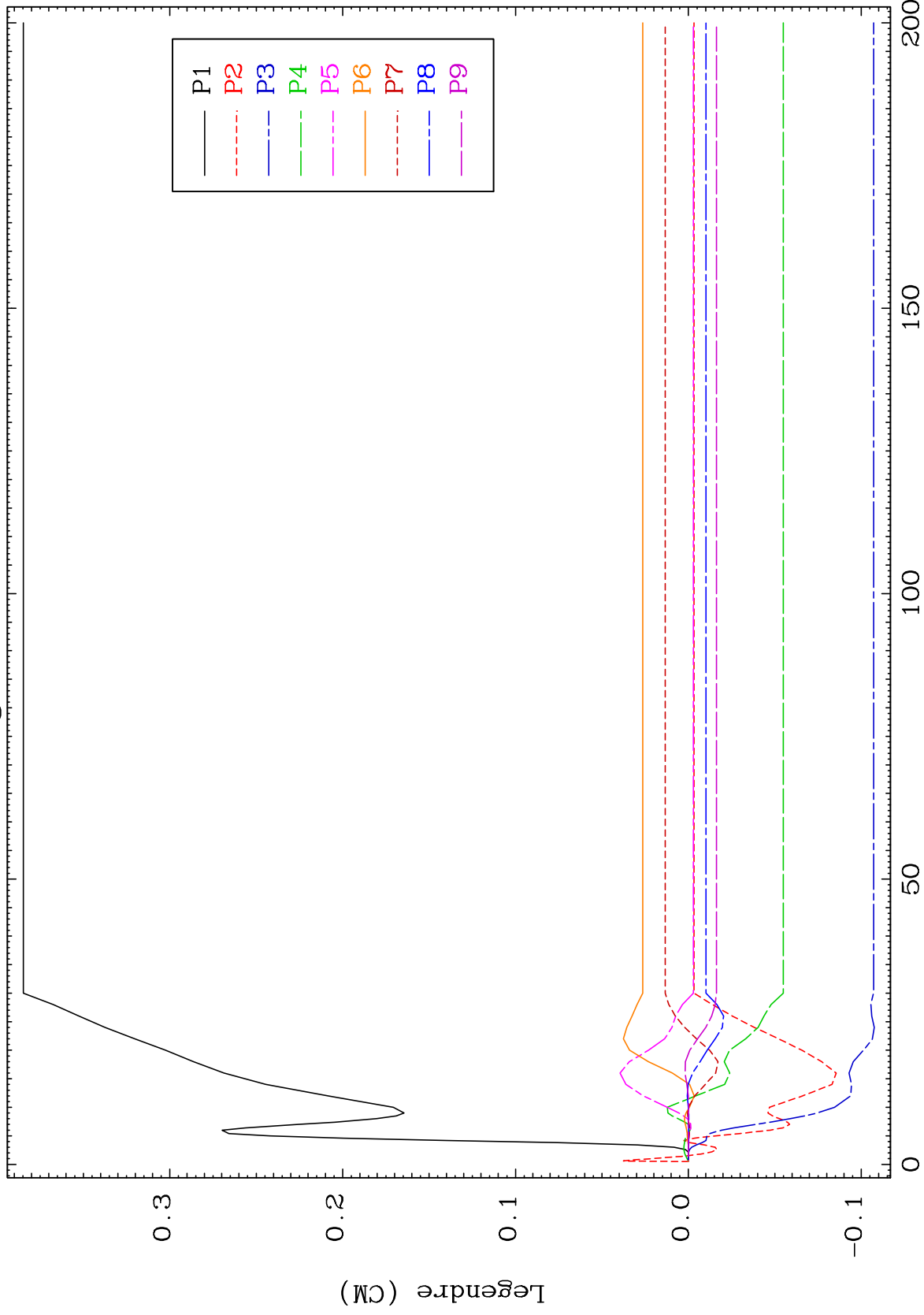
75-Re-170



MAT 7480

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

75-Re-170



98

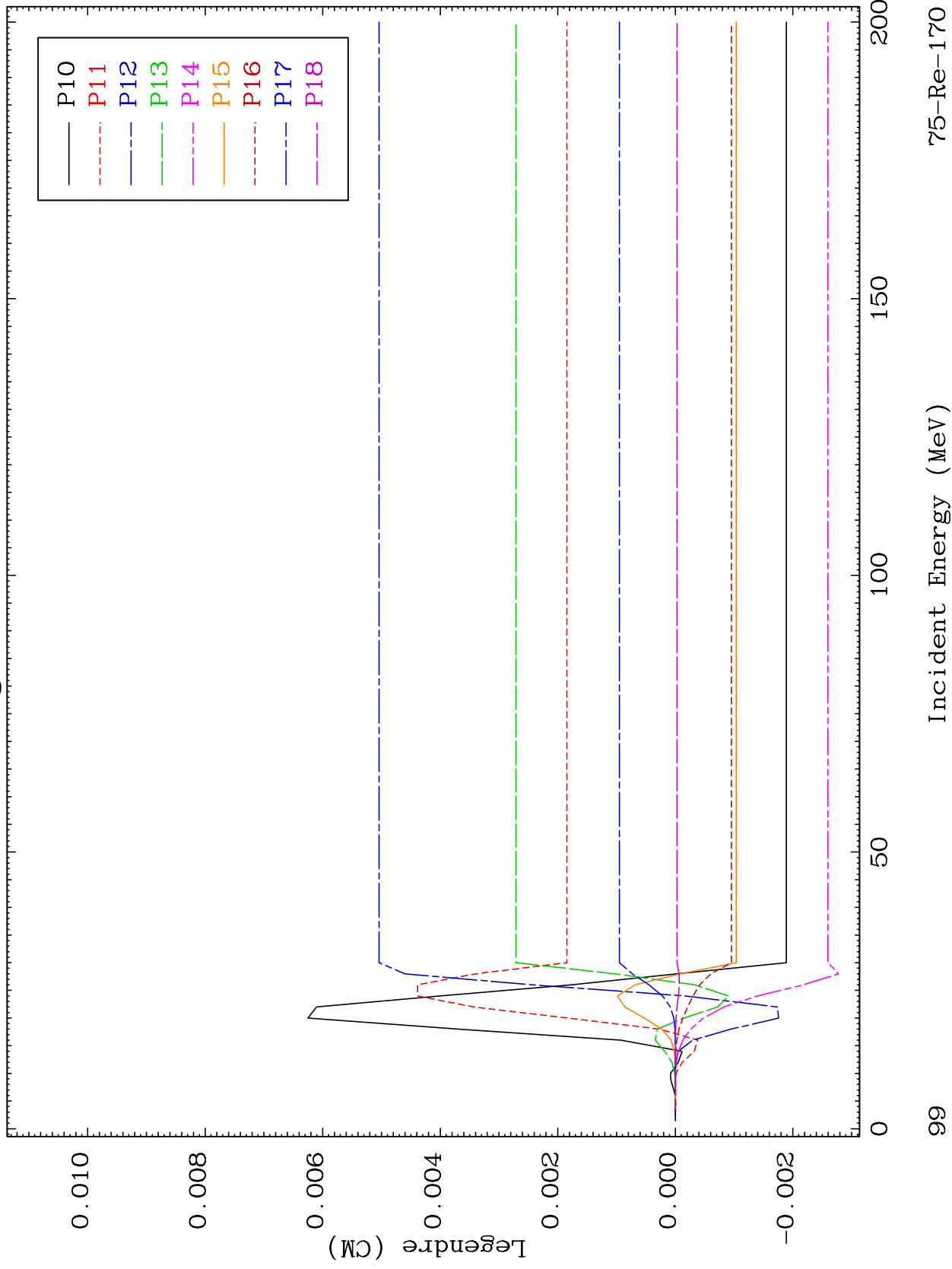
Incident Energy (MeV)

75-Re-170

MAT 7480

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

75-Re-170



99

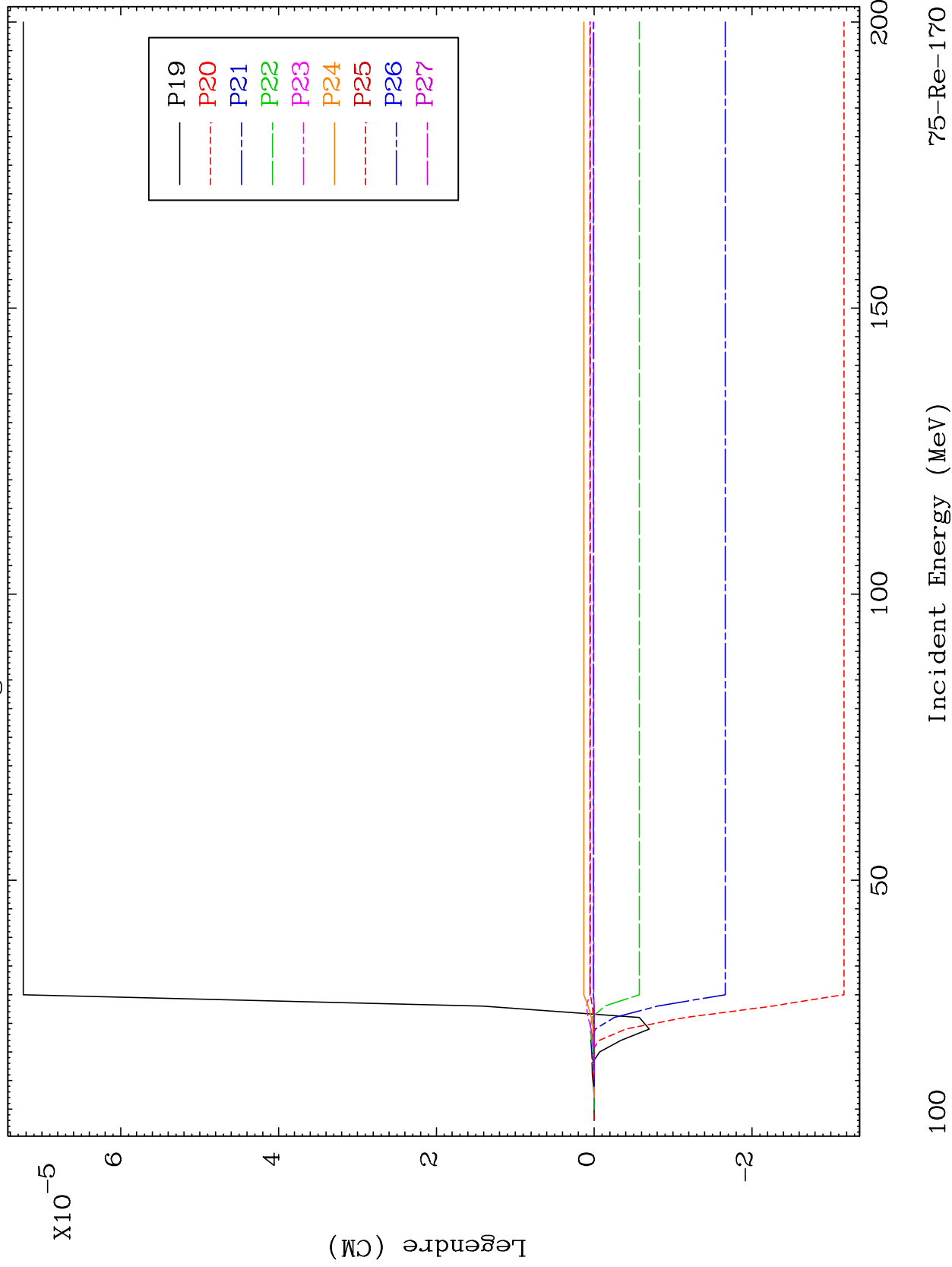
Incident Energy (MeV)

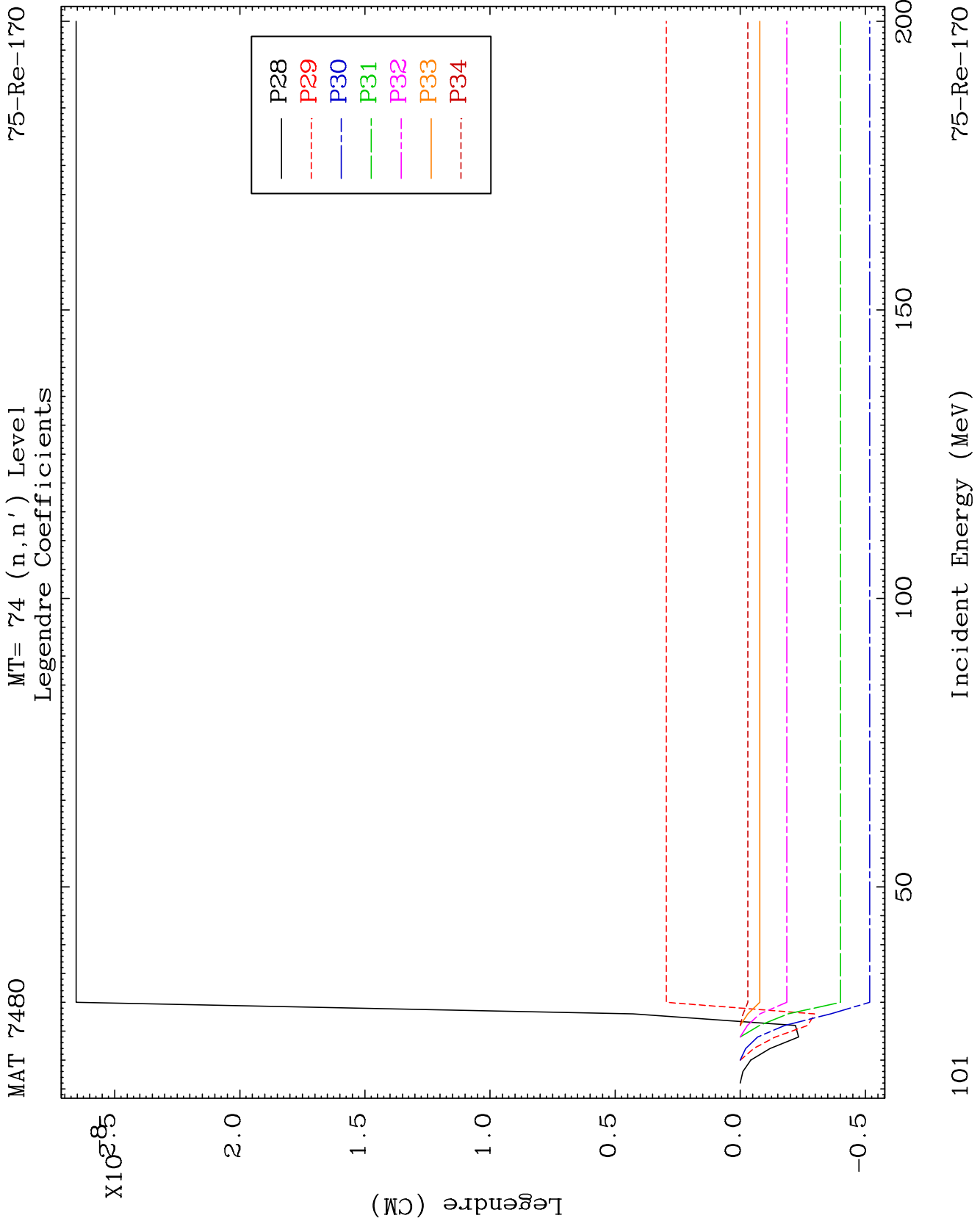
75-Re-170

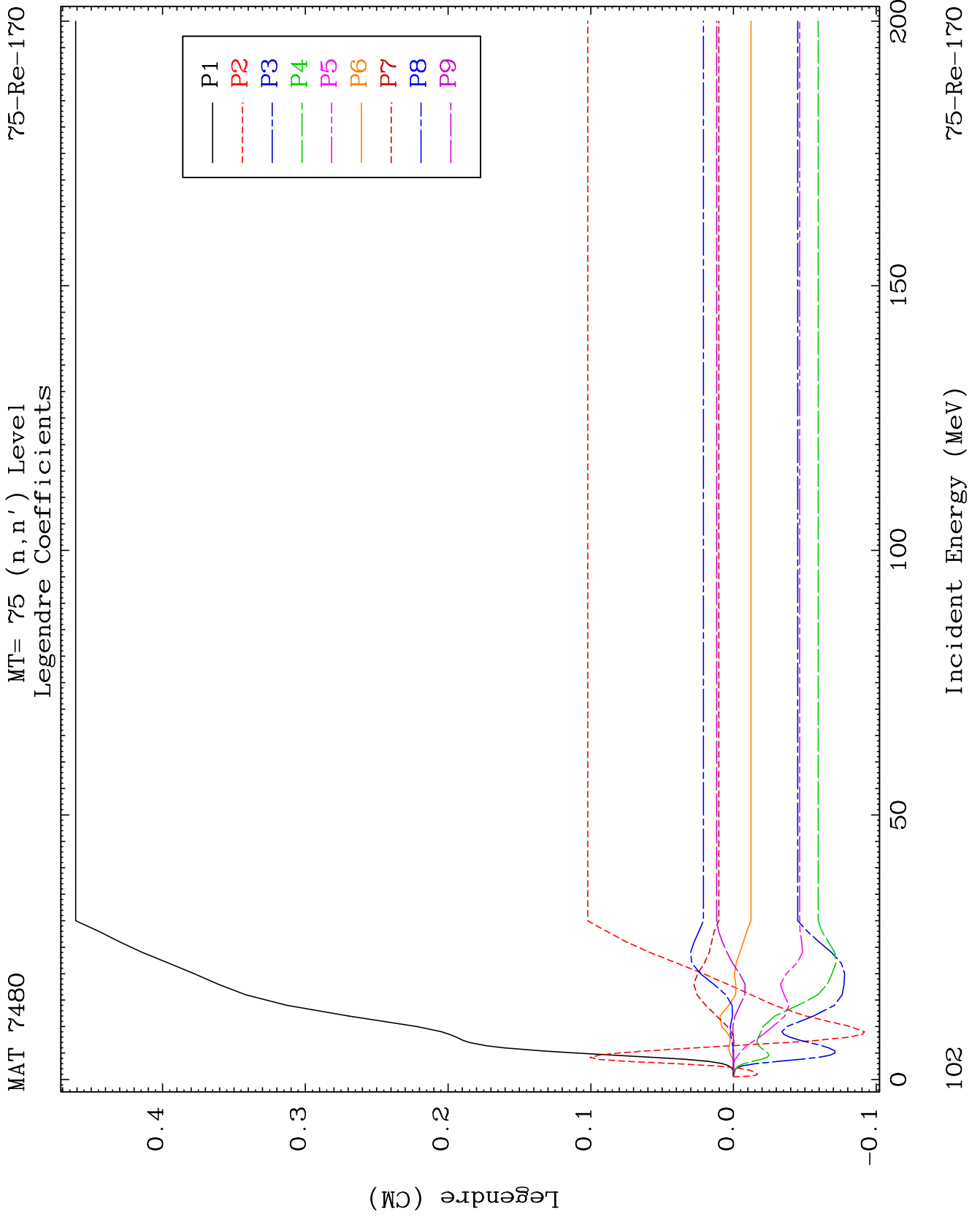
MAT 7480

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

75-Re-170



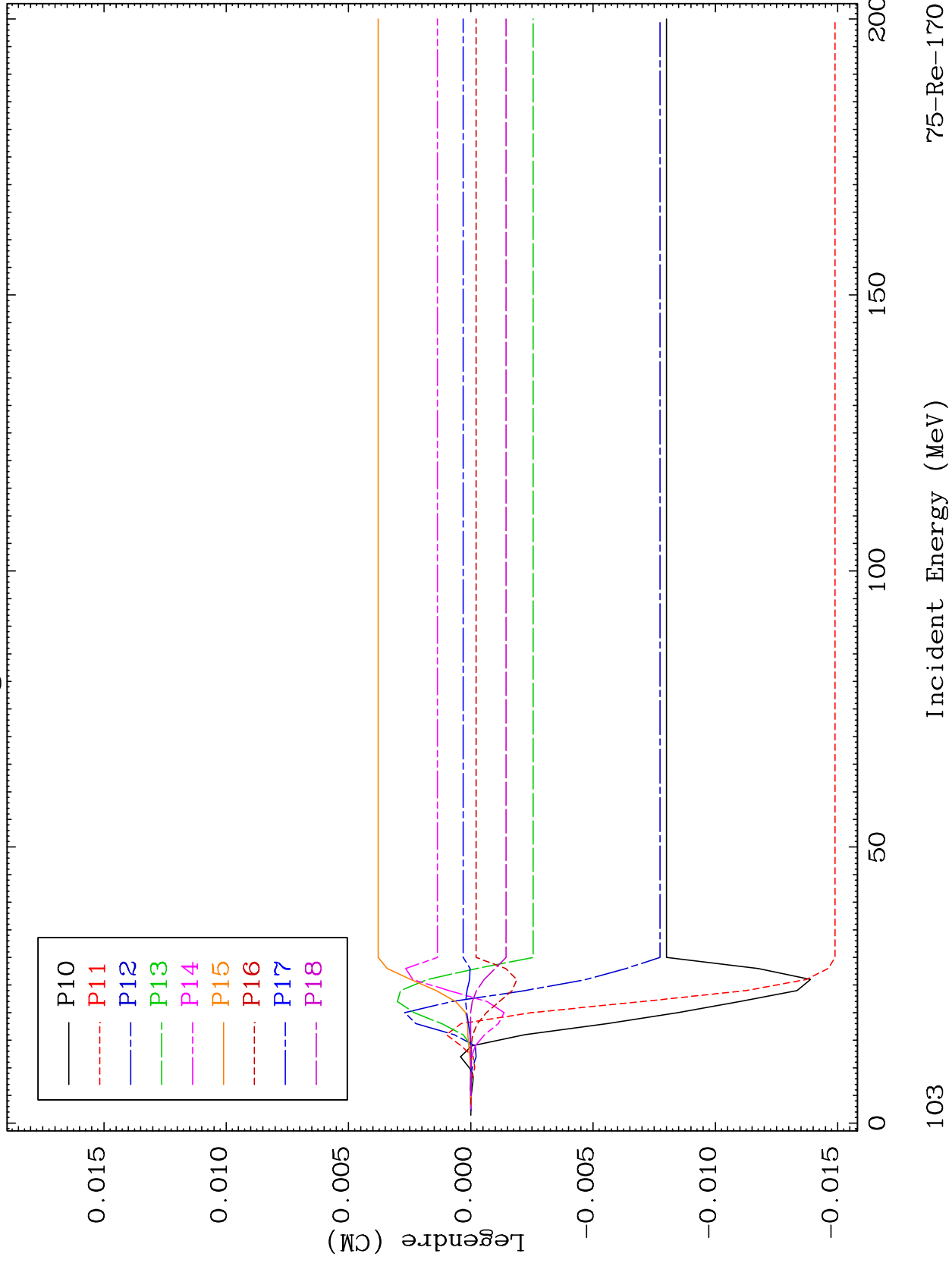




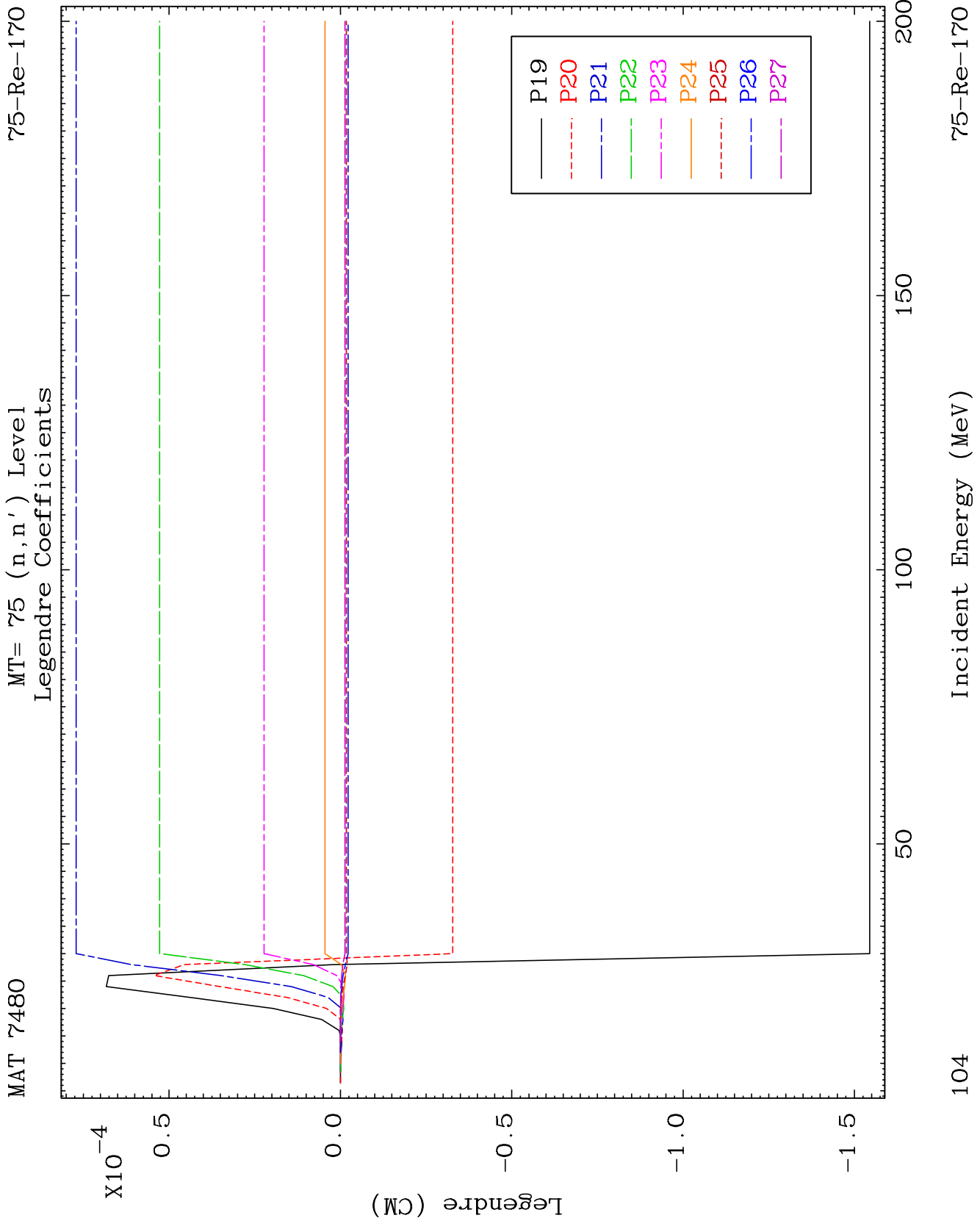
MAT 7480

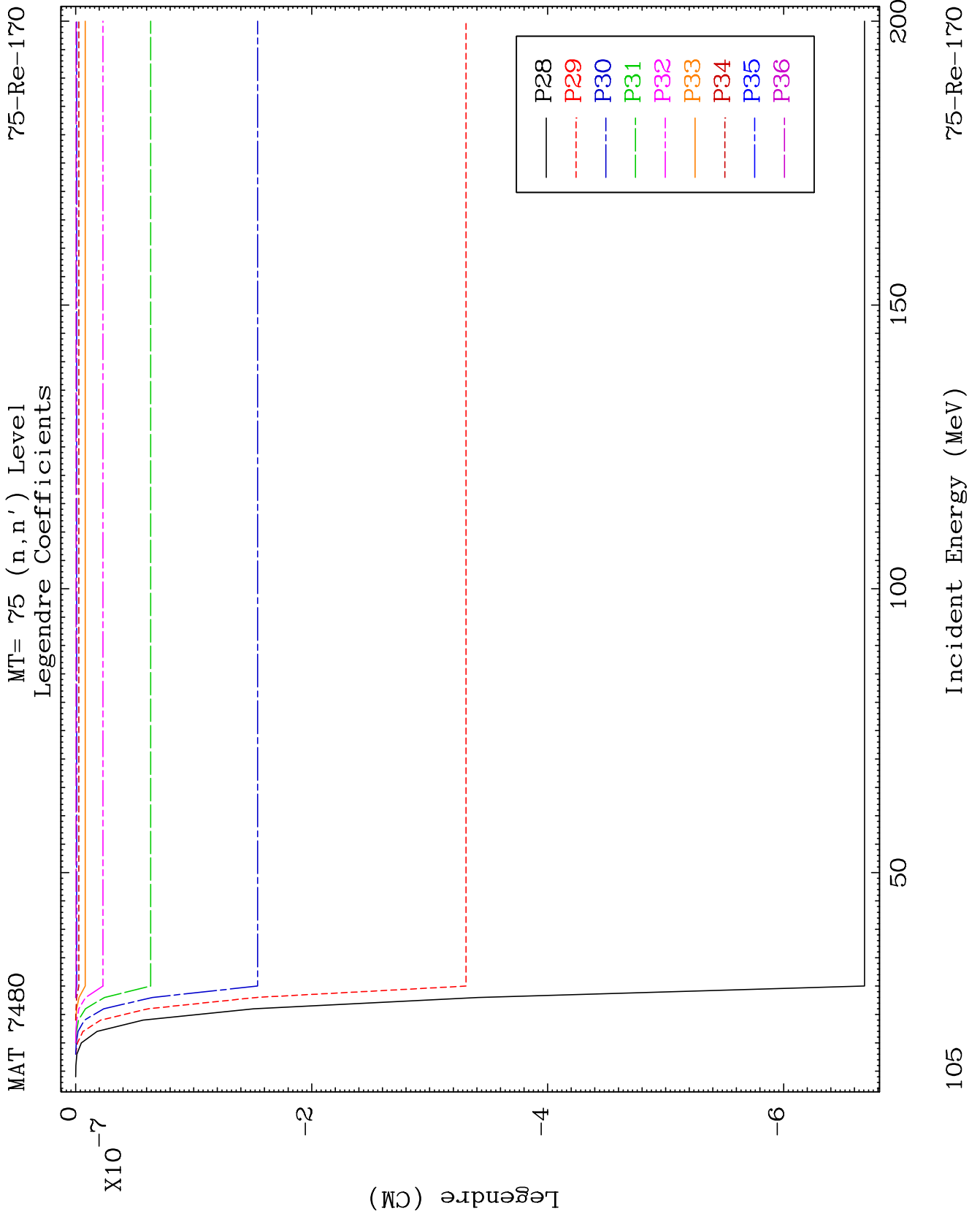
MT= 75 (n,n') Level  
Legendre Coefficients

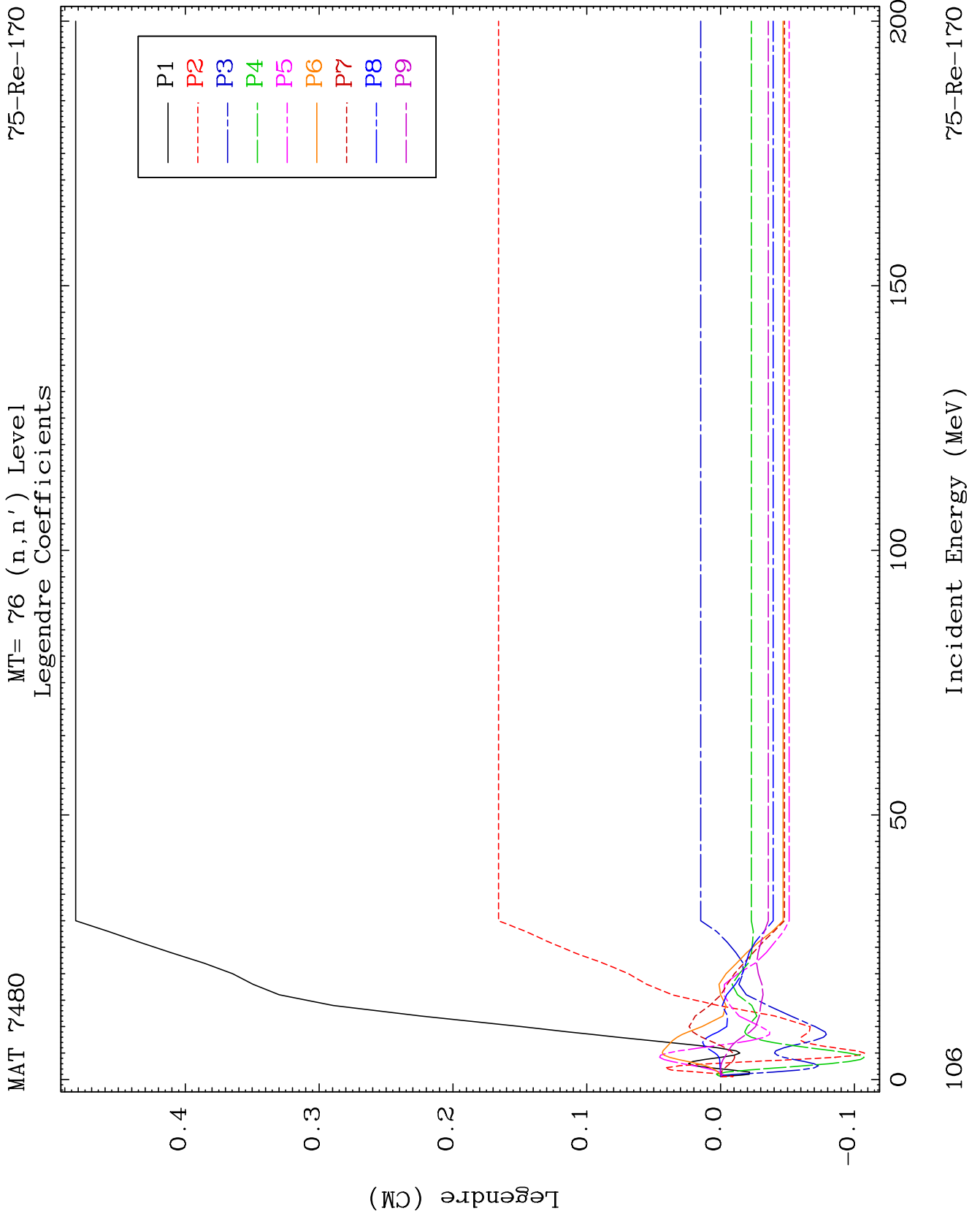
75-Re-170







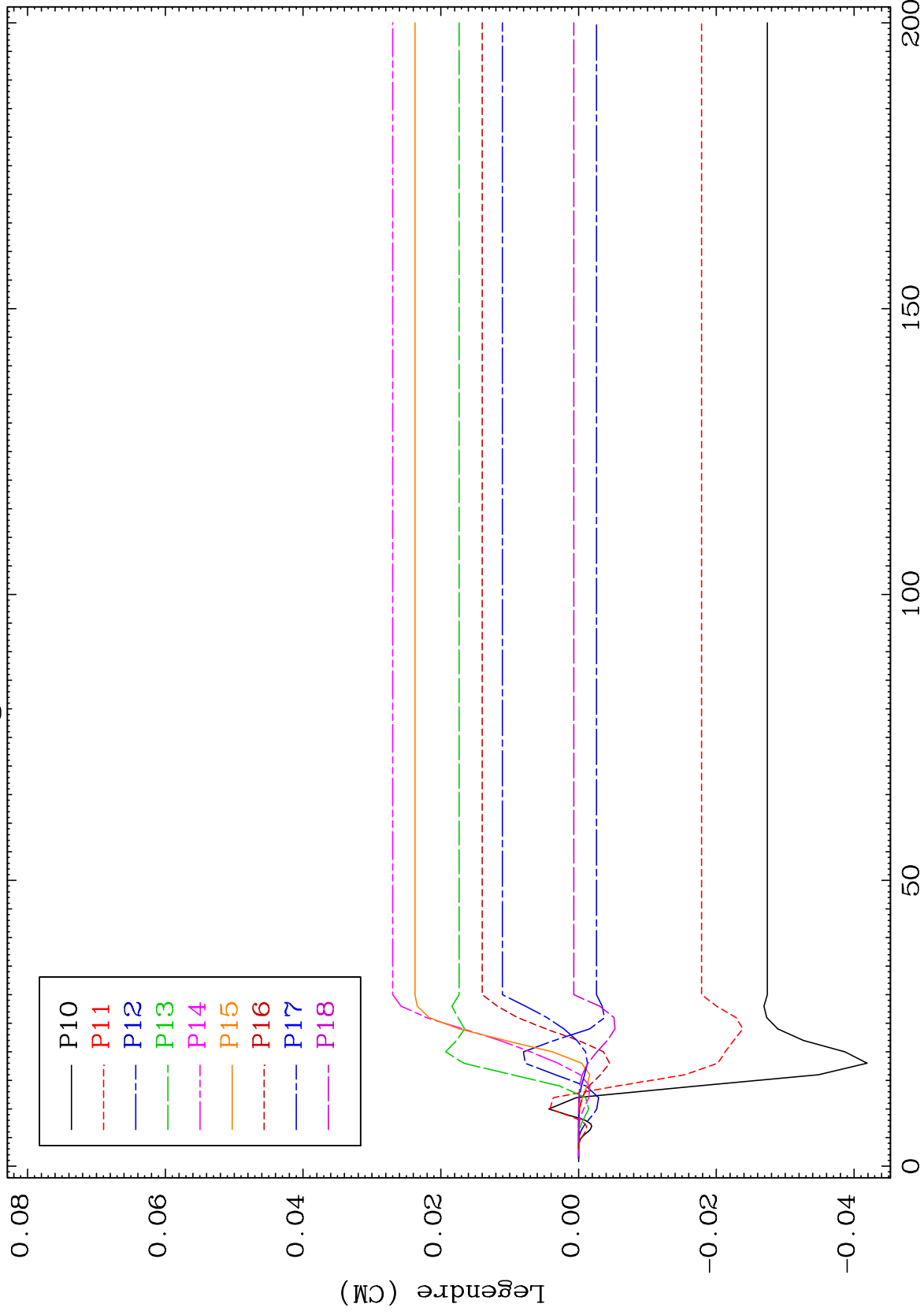




MAT 7480

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

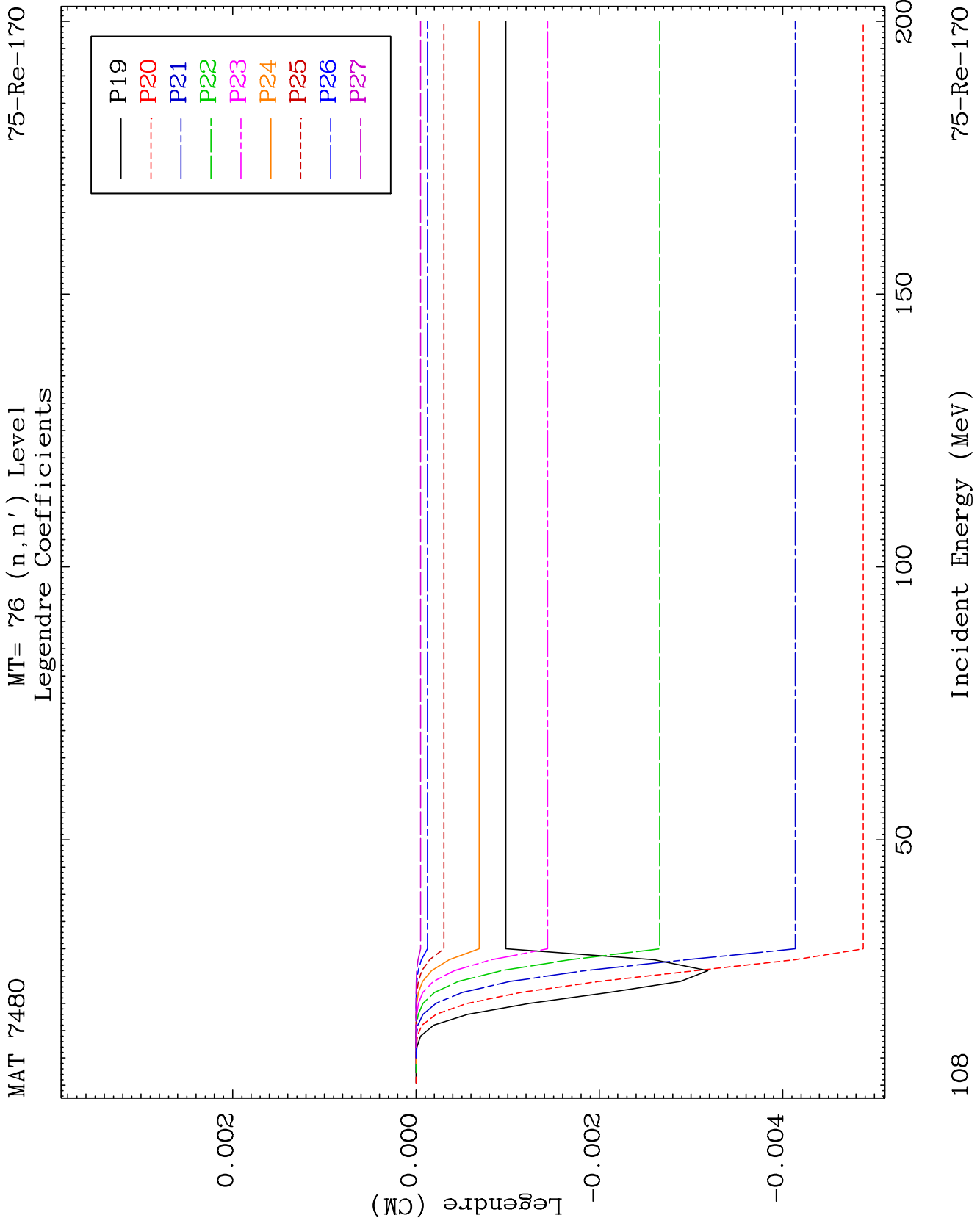
75-Re-170

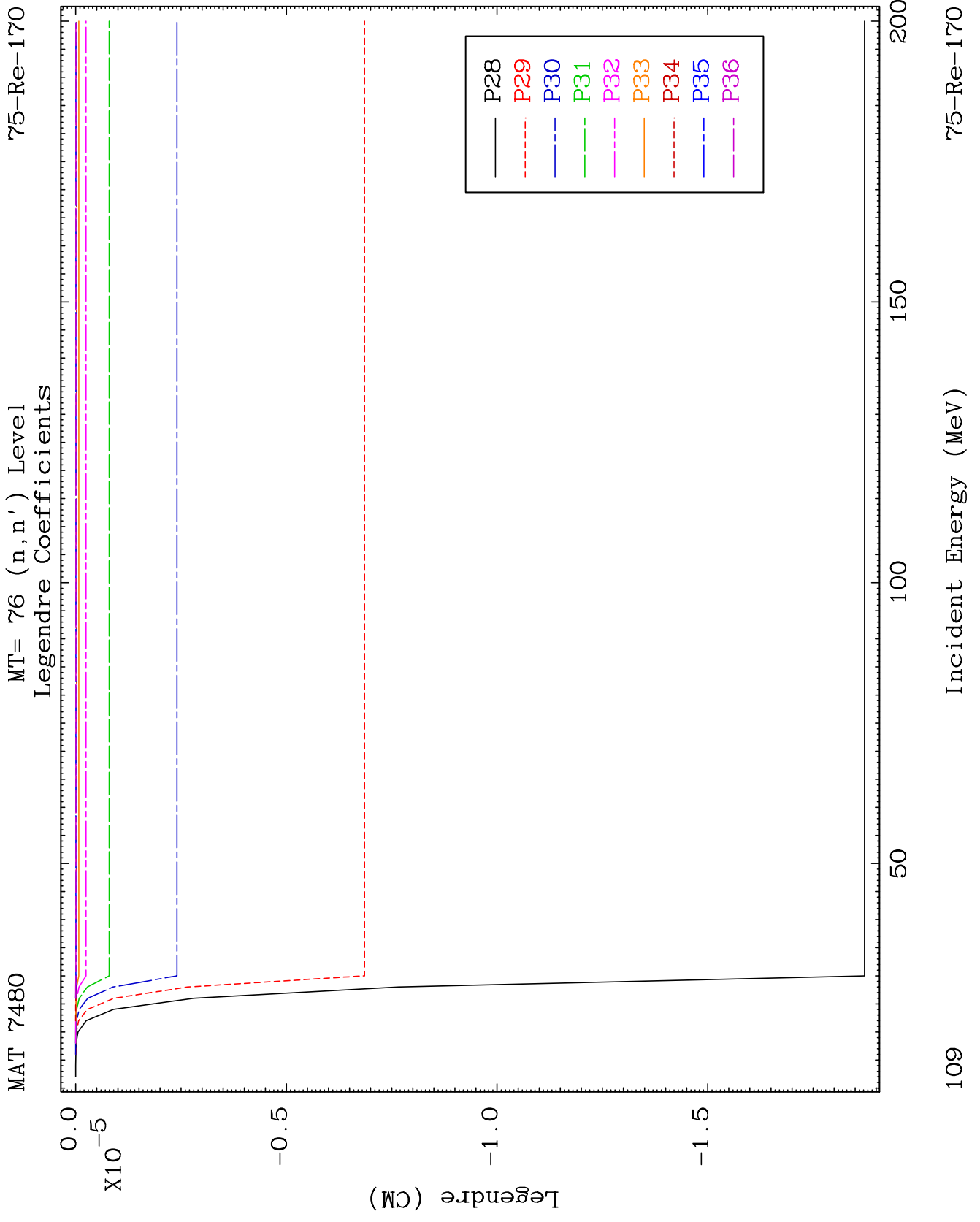


107

Incident Energy (MeV)

75-Re-170



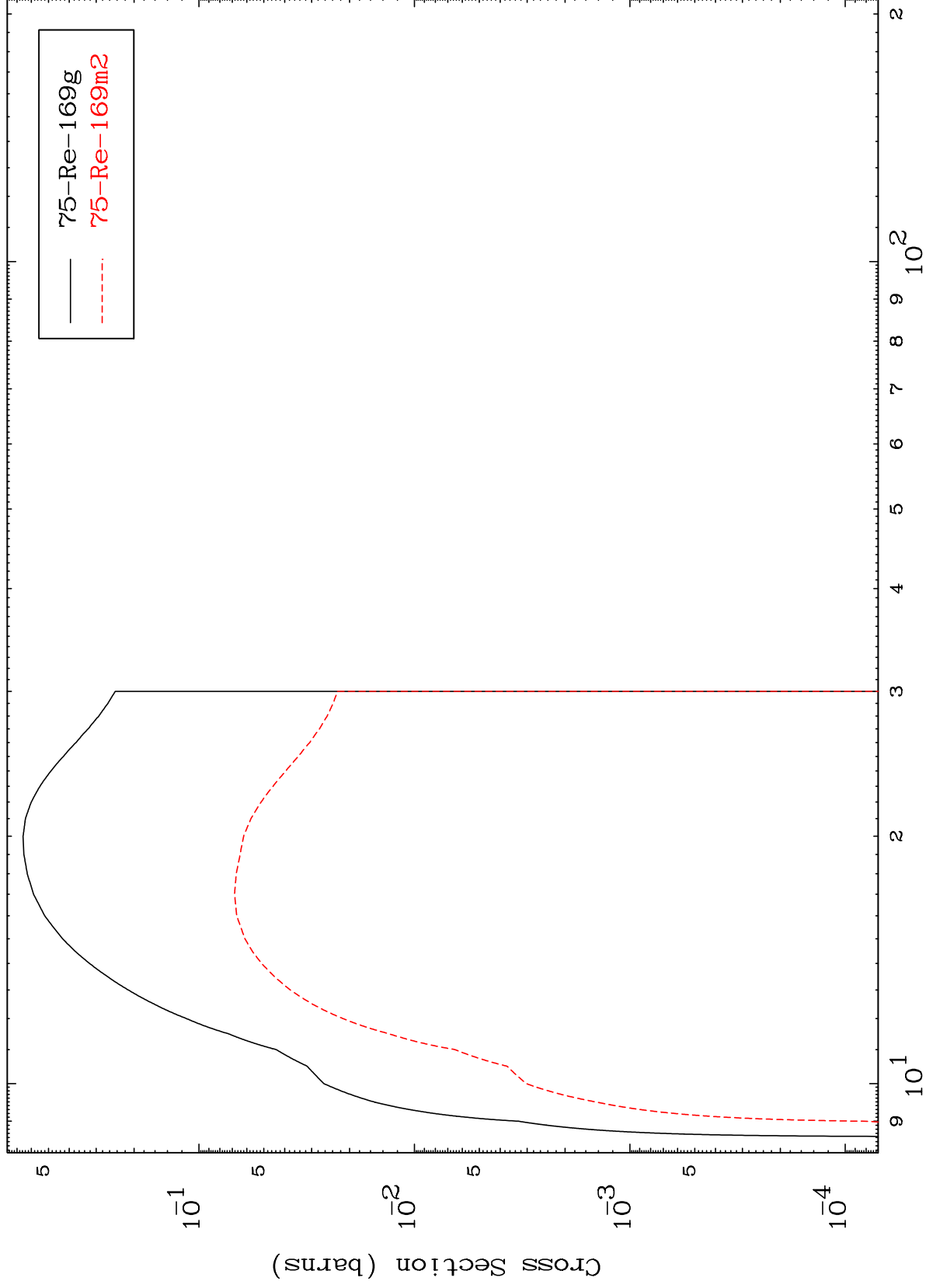


MAT 7480

(n,2n)

75-Re-170

Radionuclide Production Cross Section



Incident Energy (MeV)

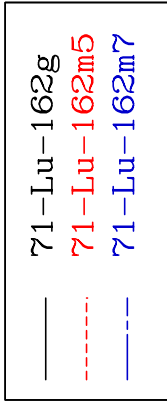
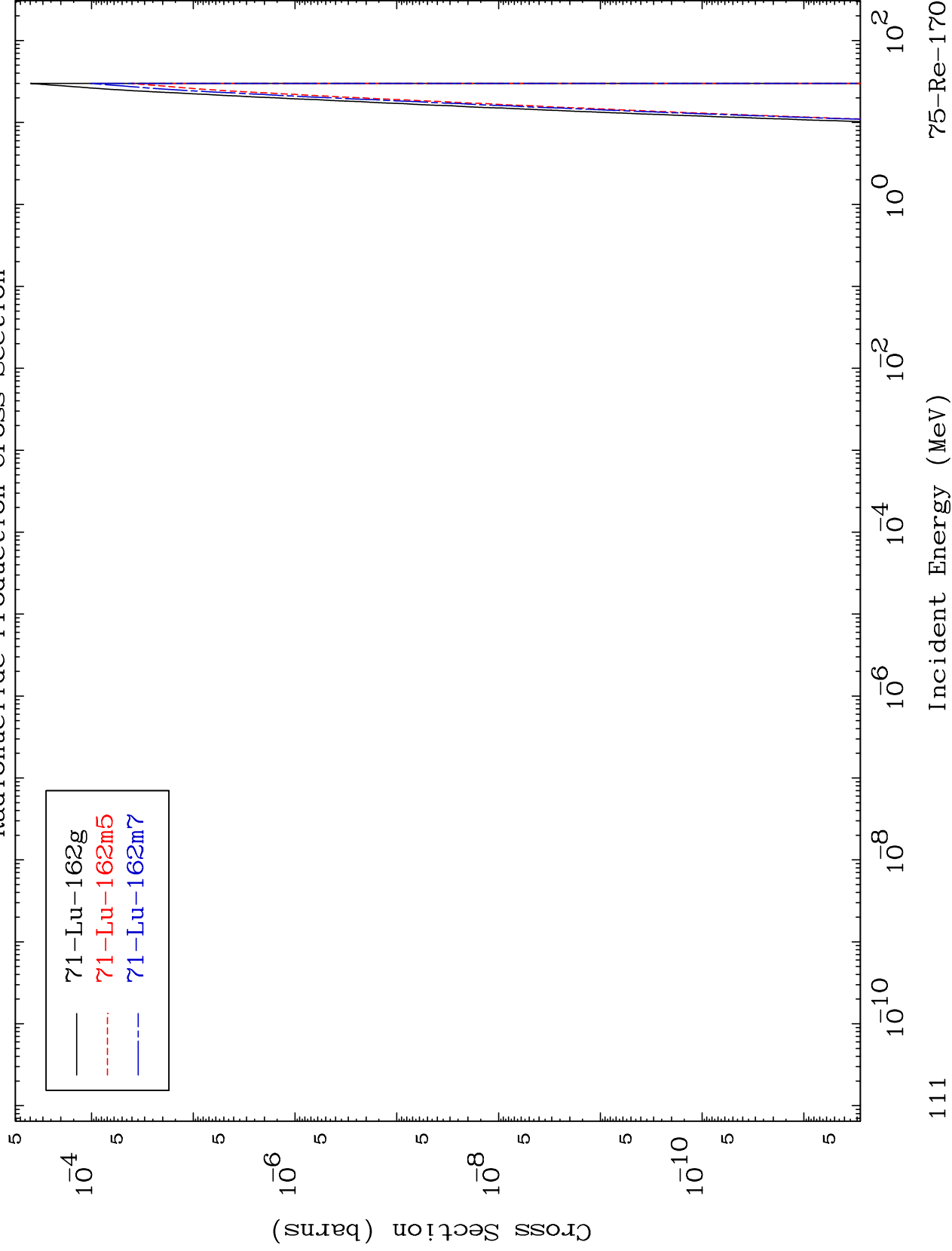
75-Re-170

MAT 7480

(n,n') 2 $\alpha$

75-Re-170

Radionuclide Production Cross Section

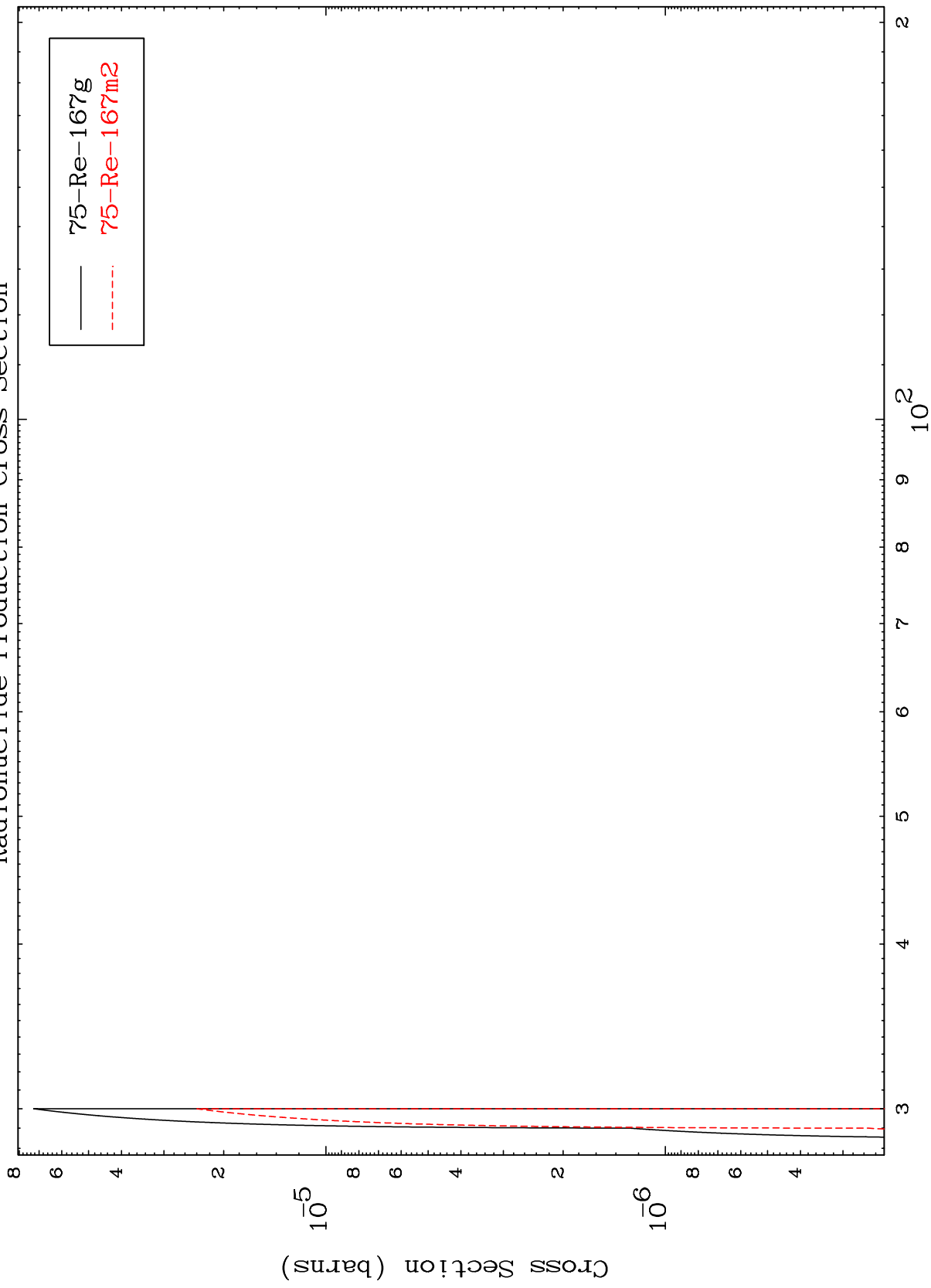




MAT 7480

75-Re-170

(n,4n)  
Radionuclide Production Cross Section



75-Re-170

Incident Energy (MeV)

112