

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

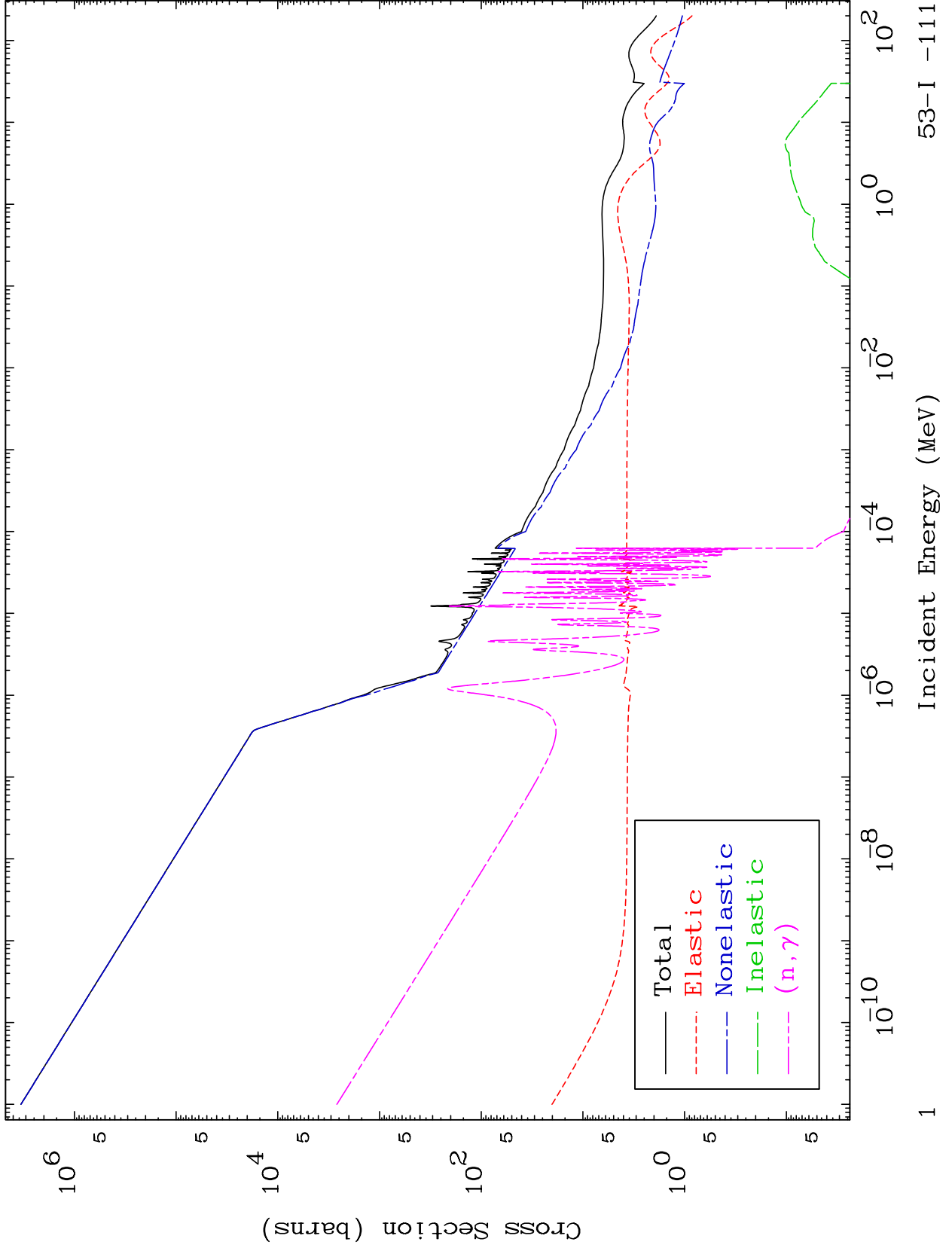
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

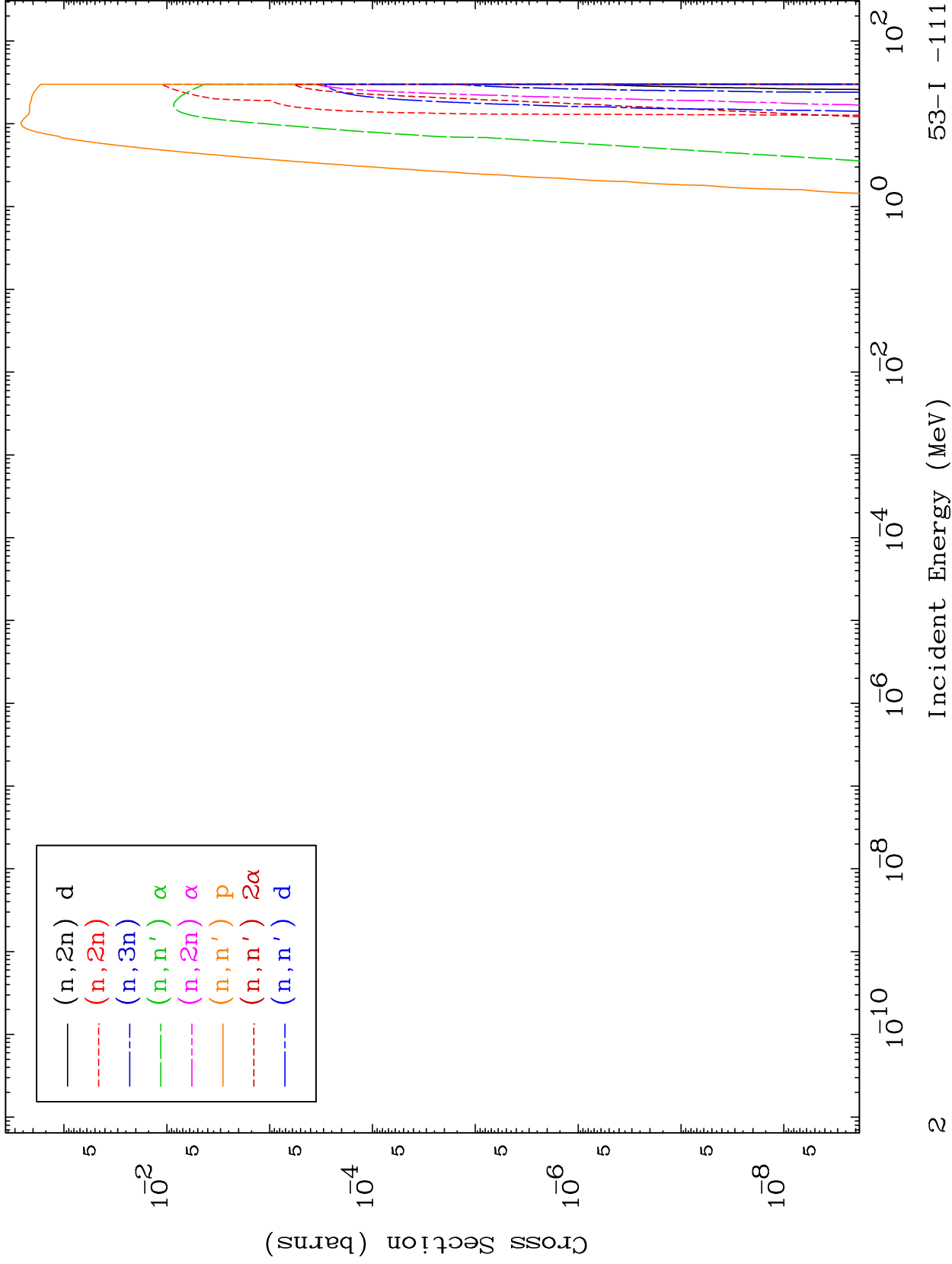
Tele: 925-443-1911

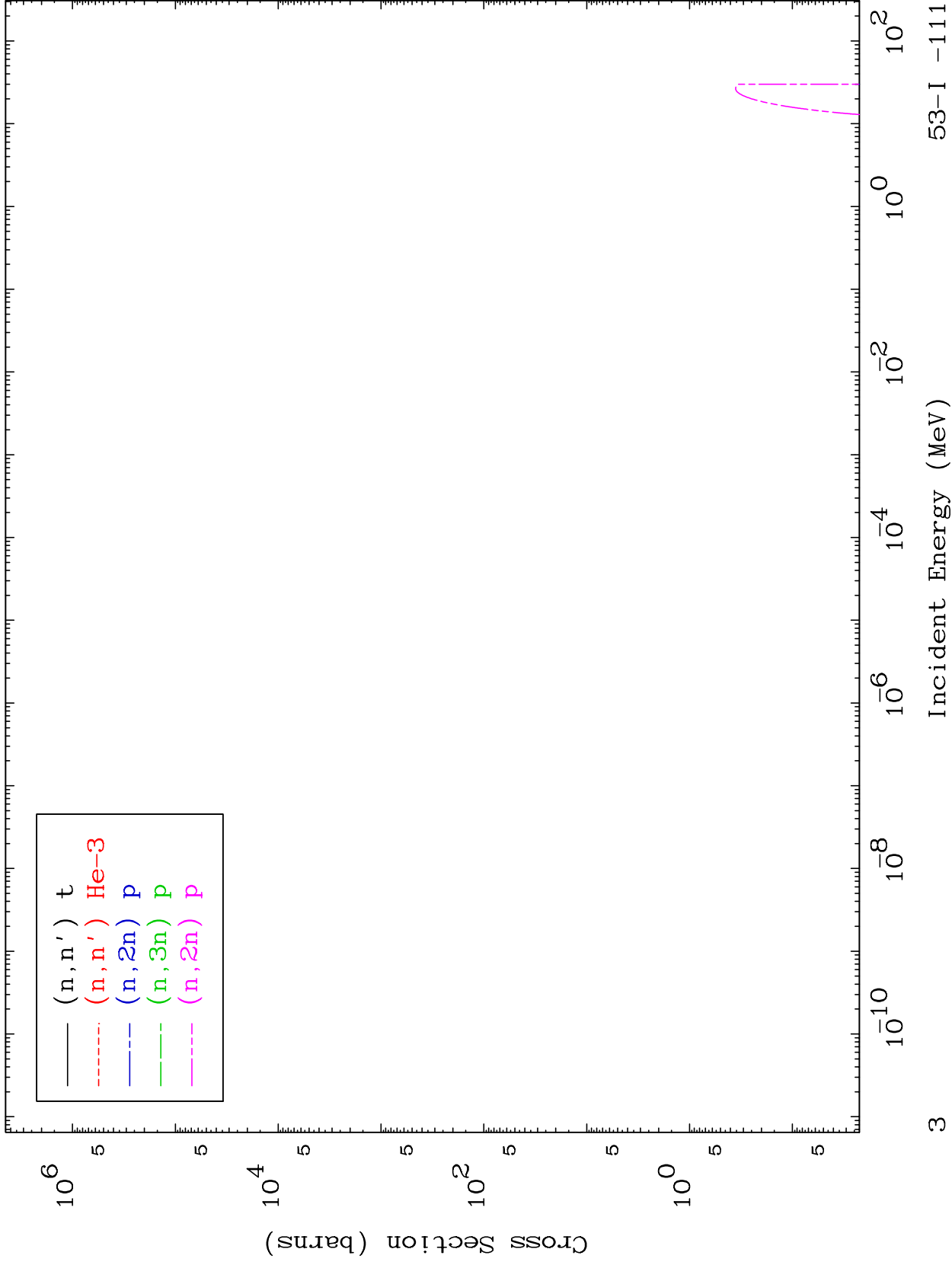
E.Mail:redcullen1@comcast.net

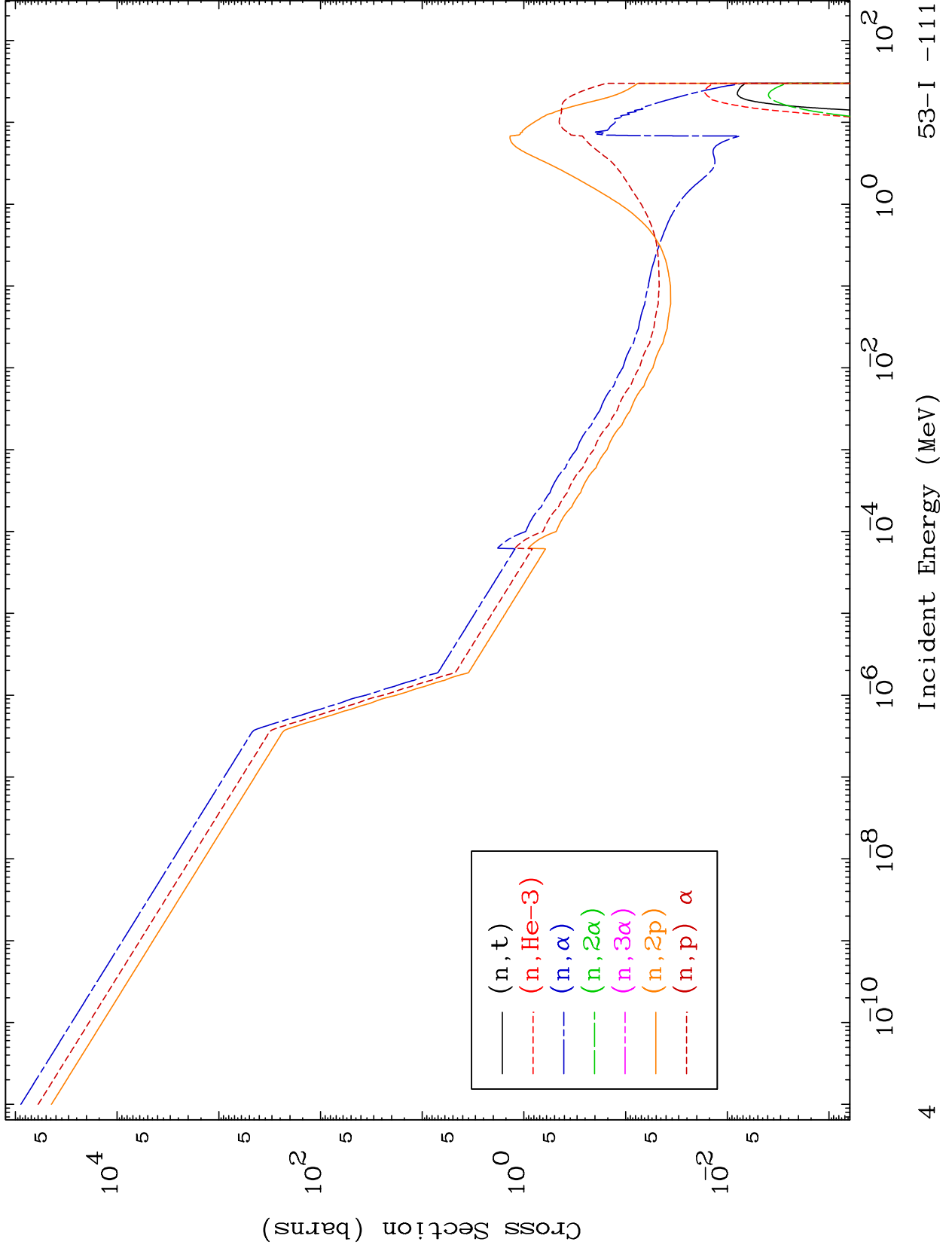
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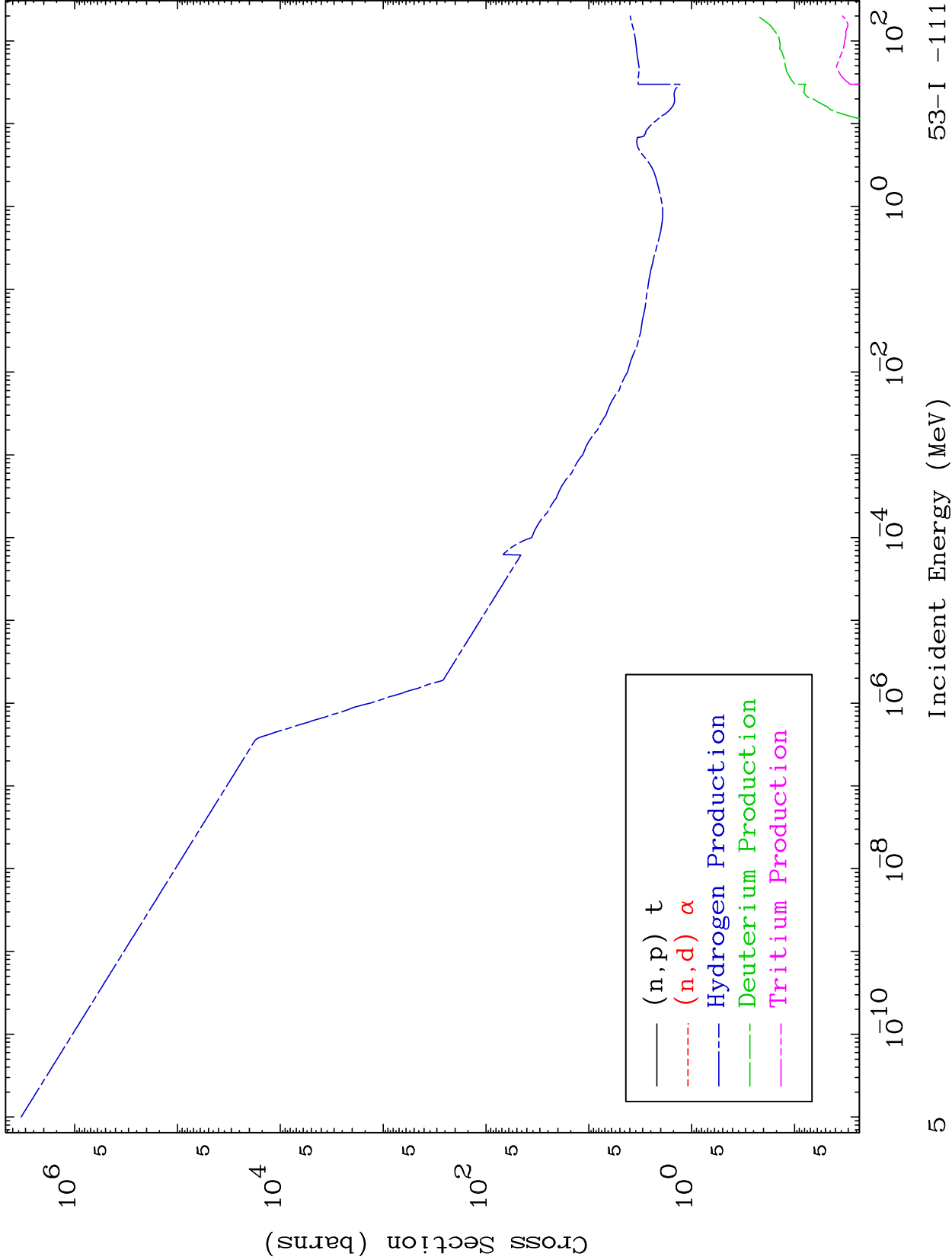
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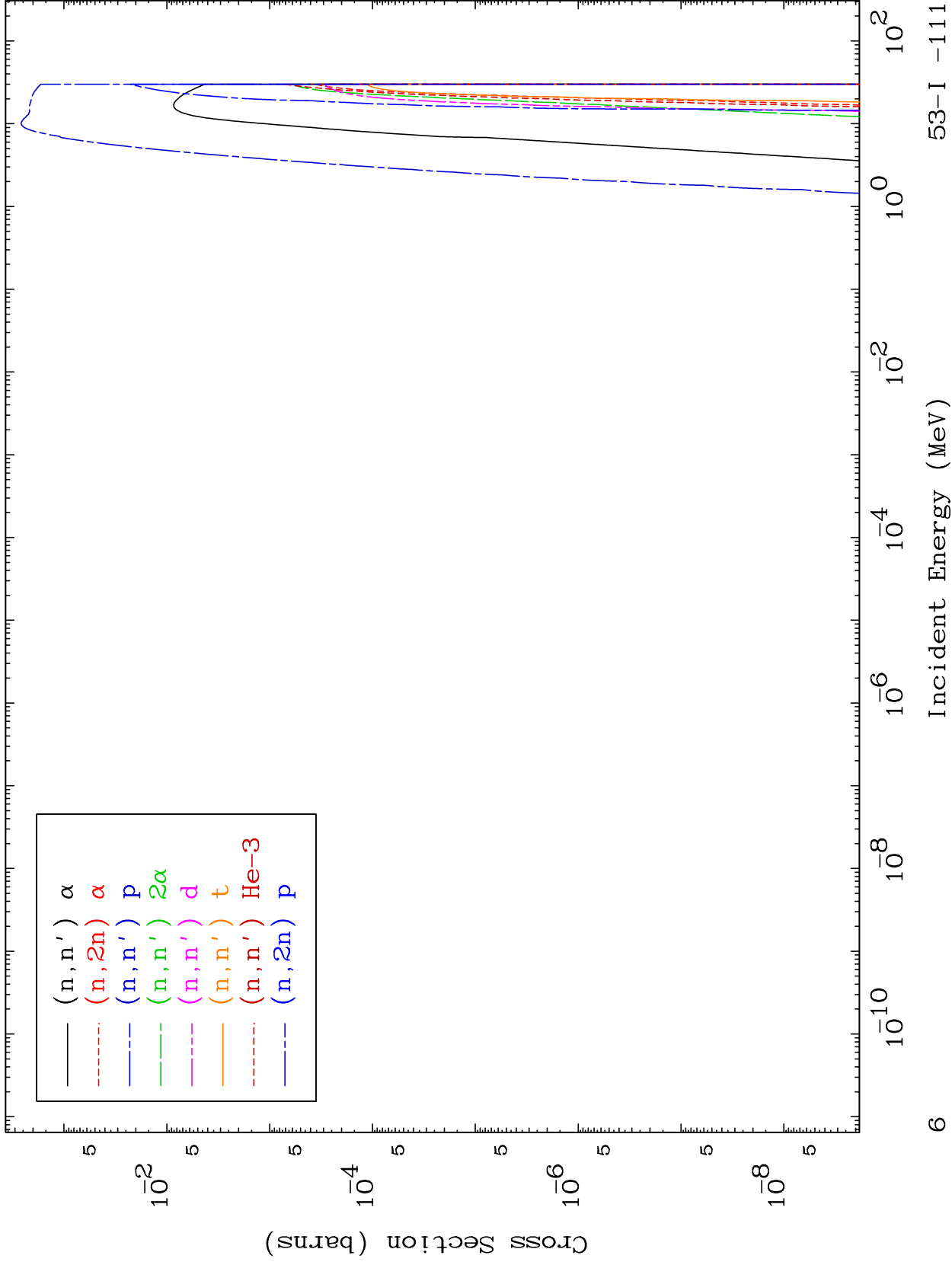


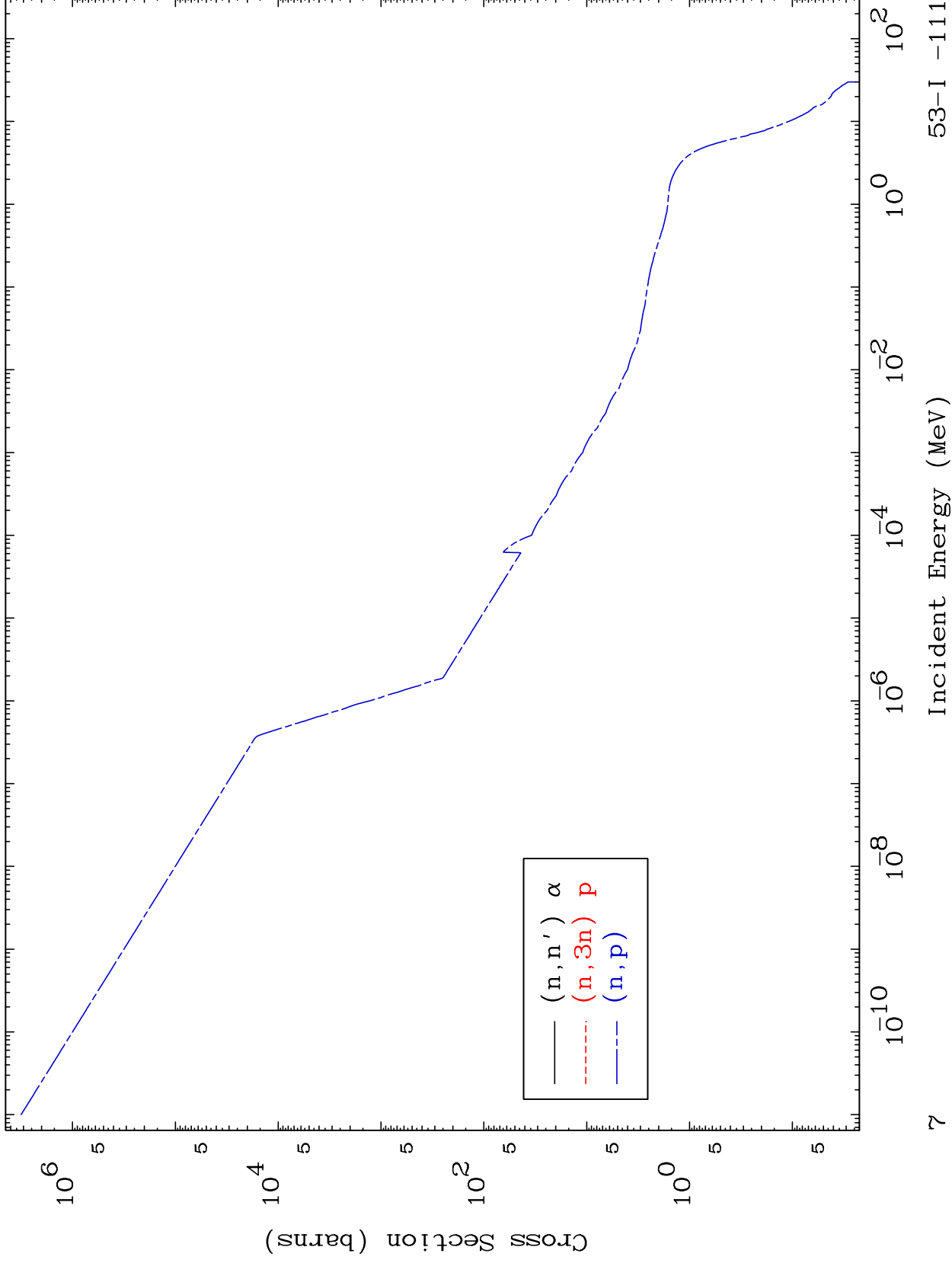


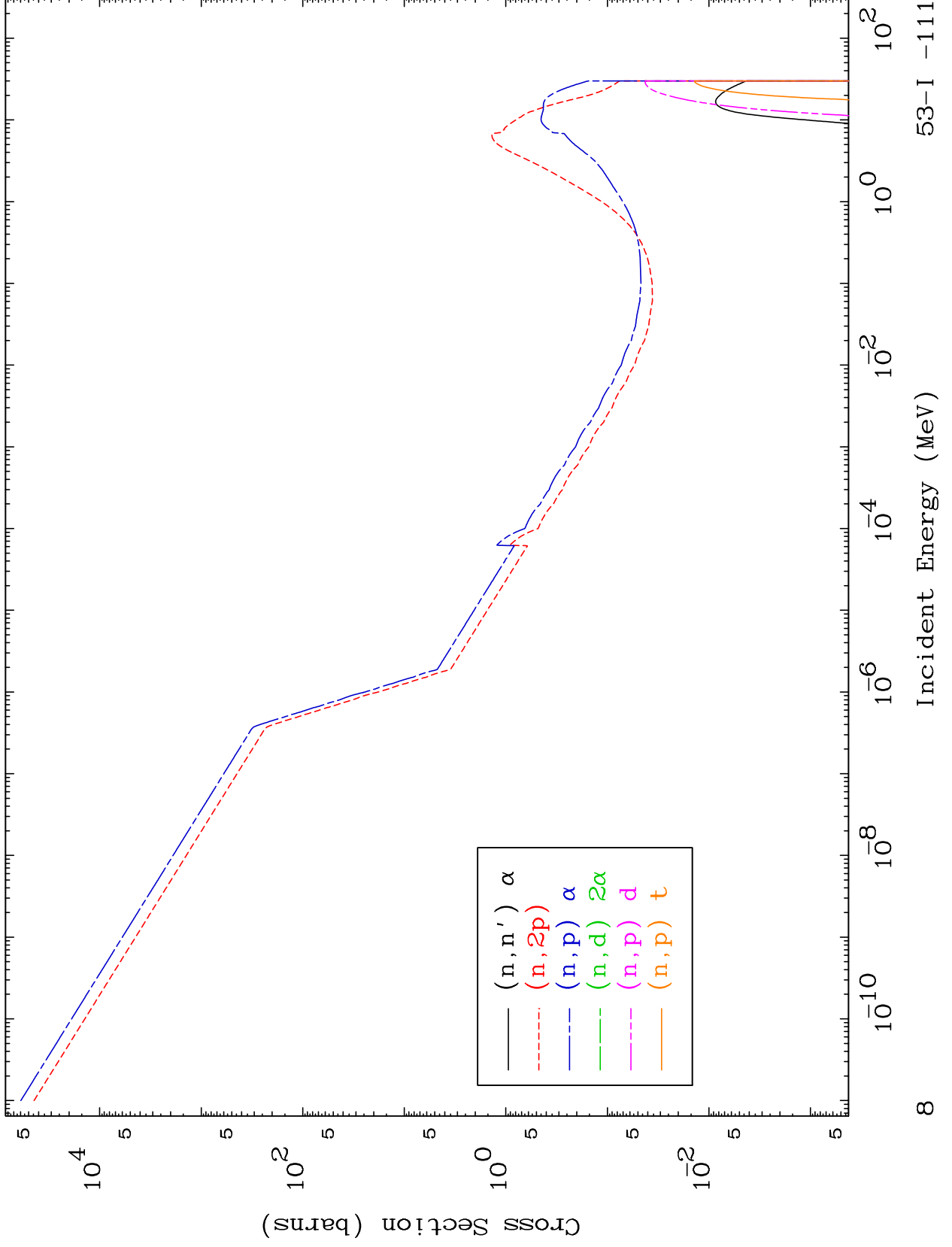


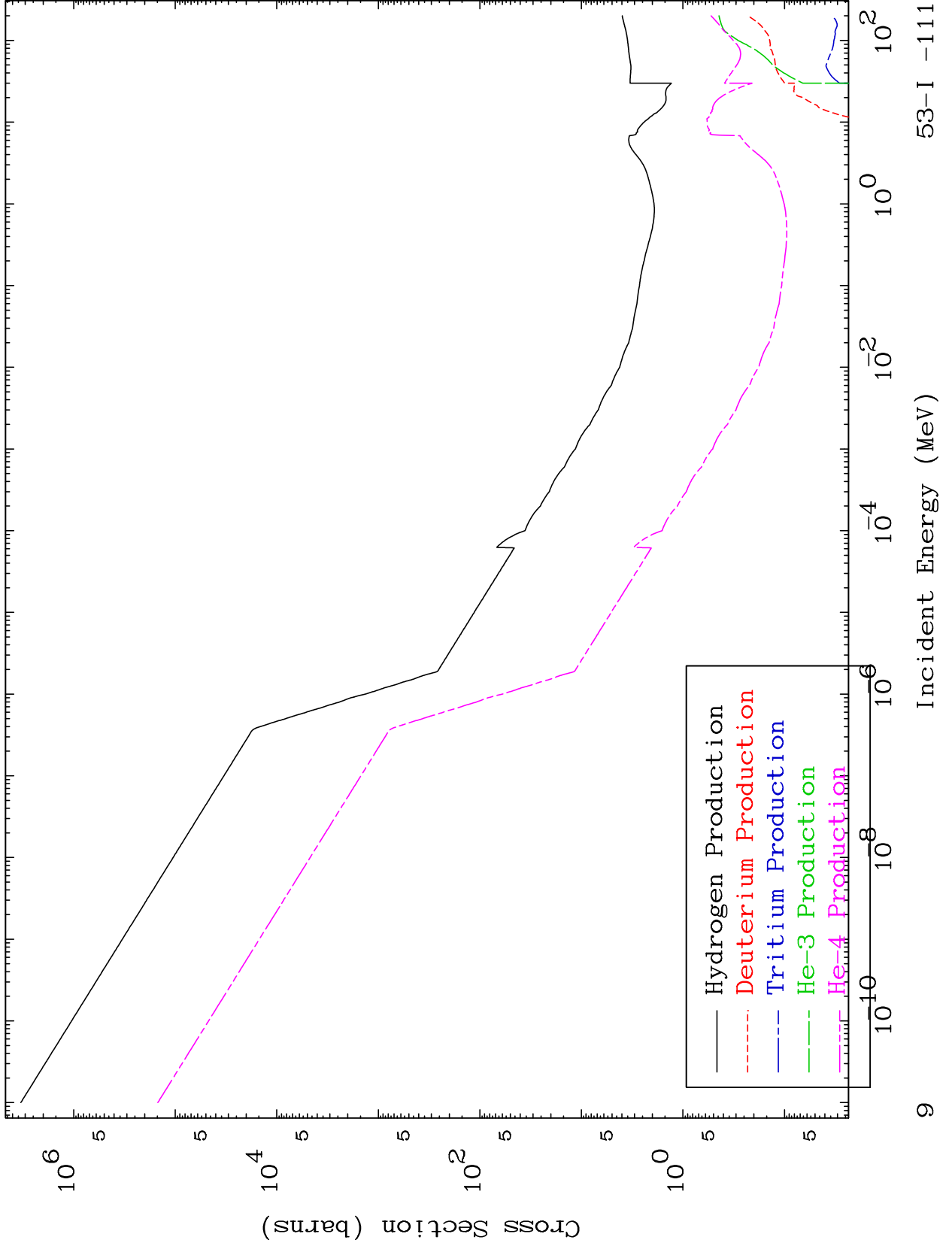


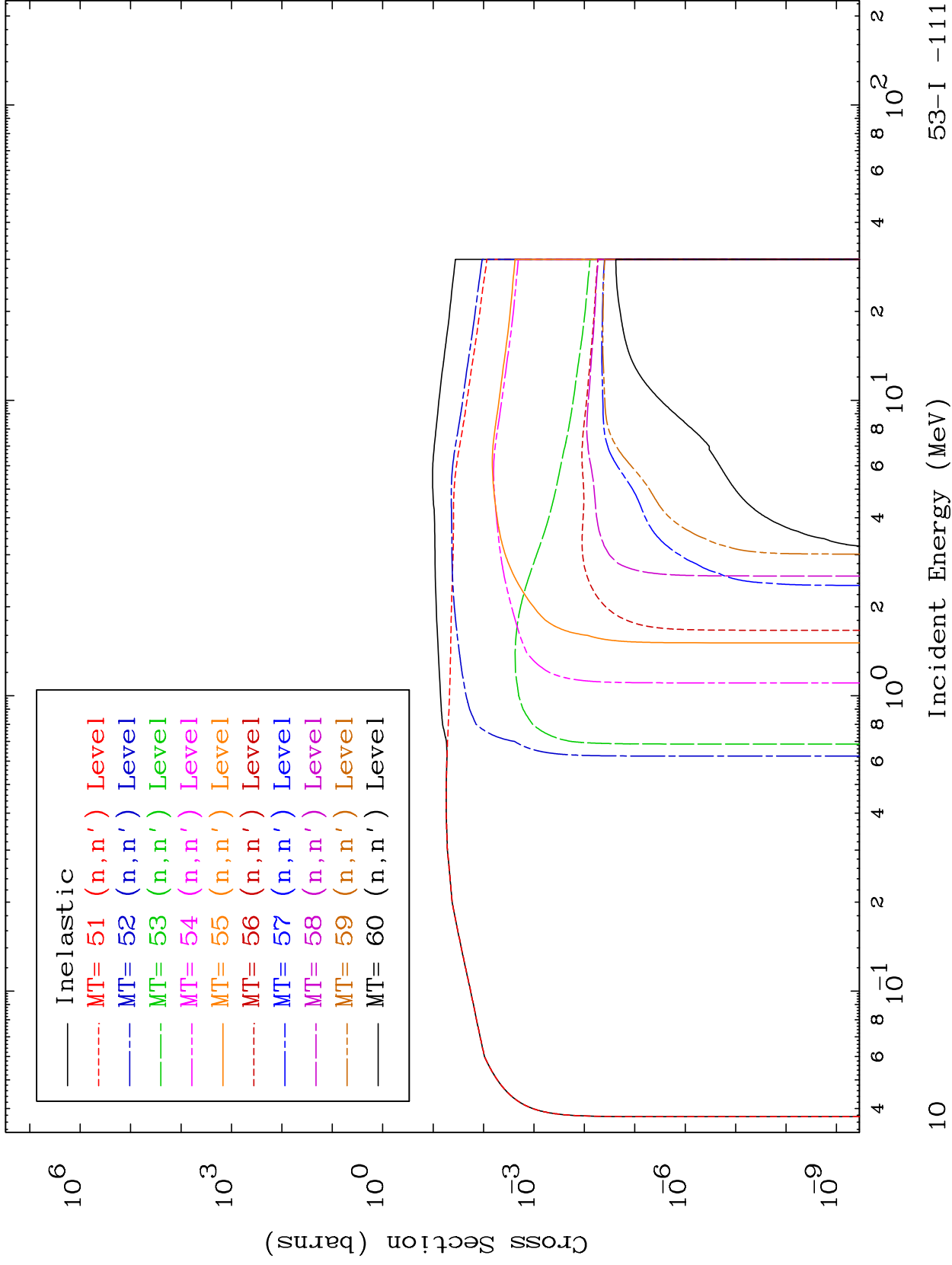


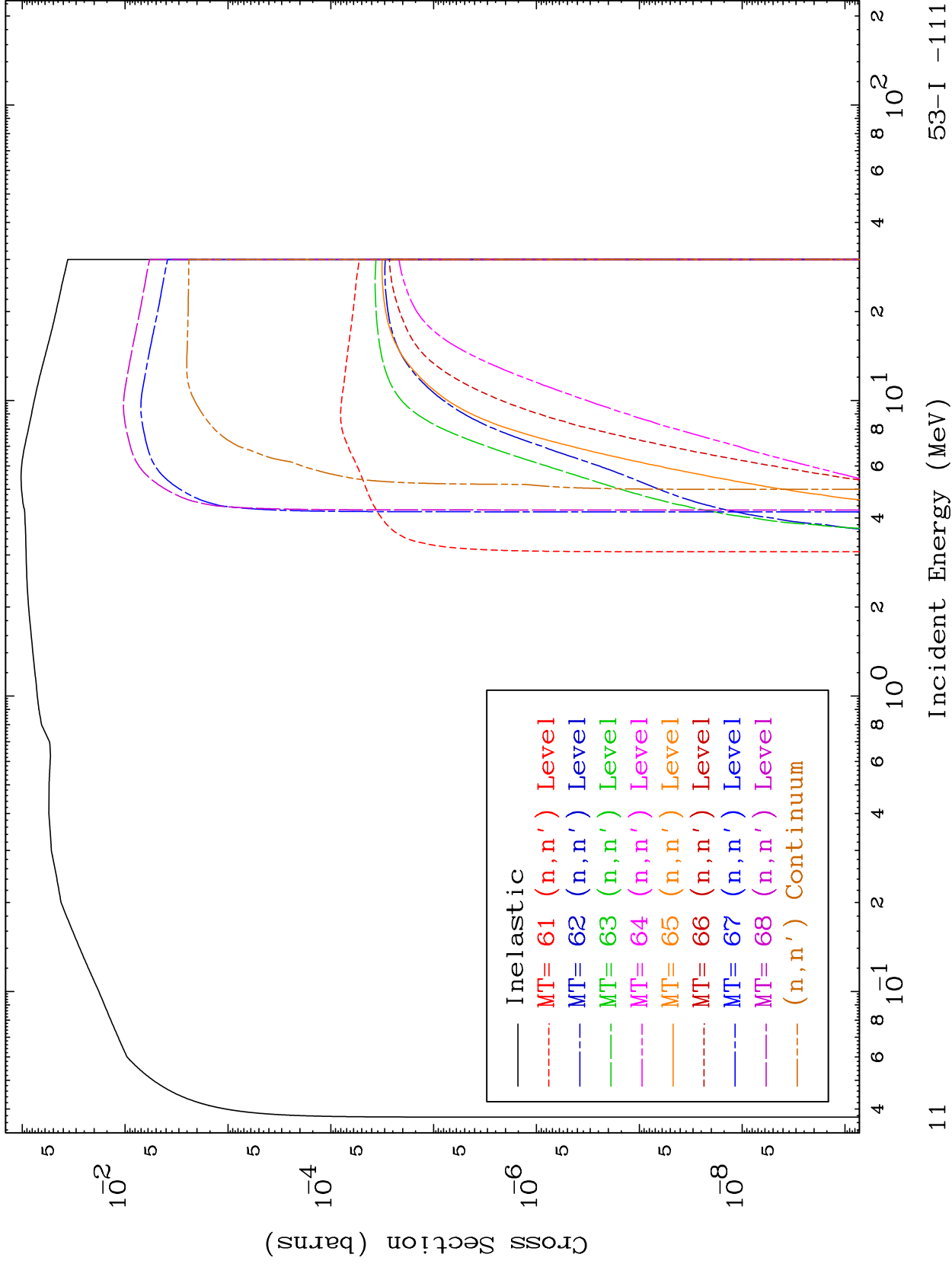








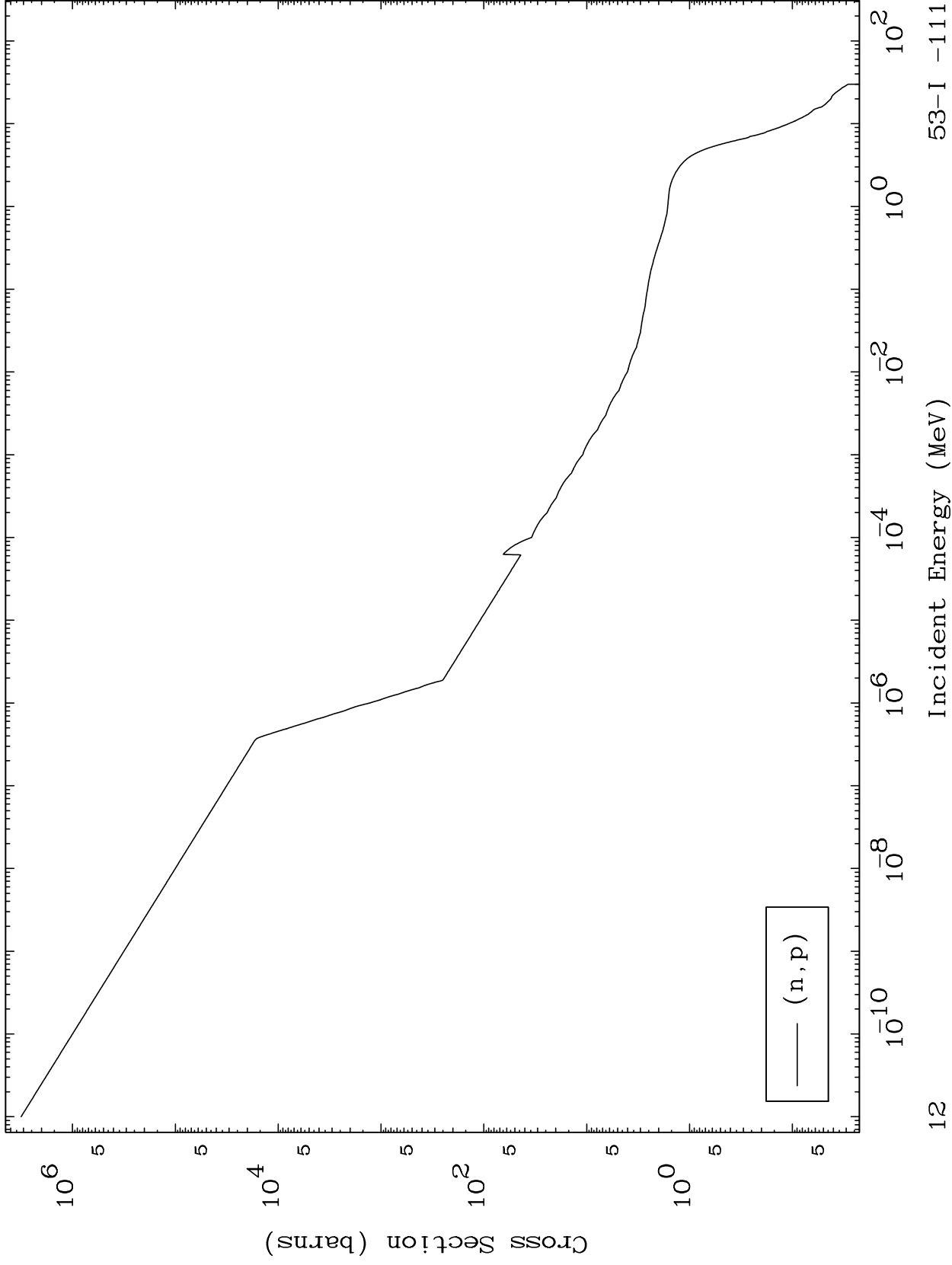




MAT 5277

(n,p) Levels
293 Kelvin Cross Sections

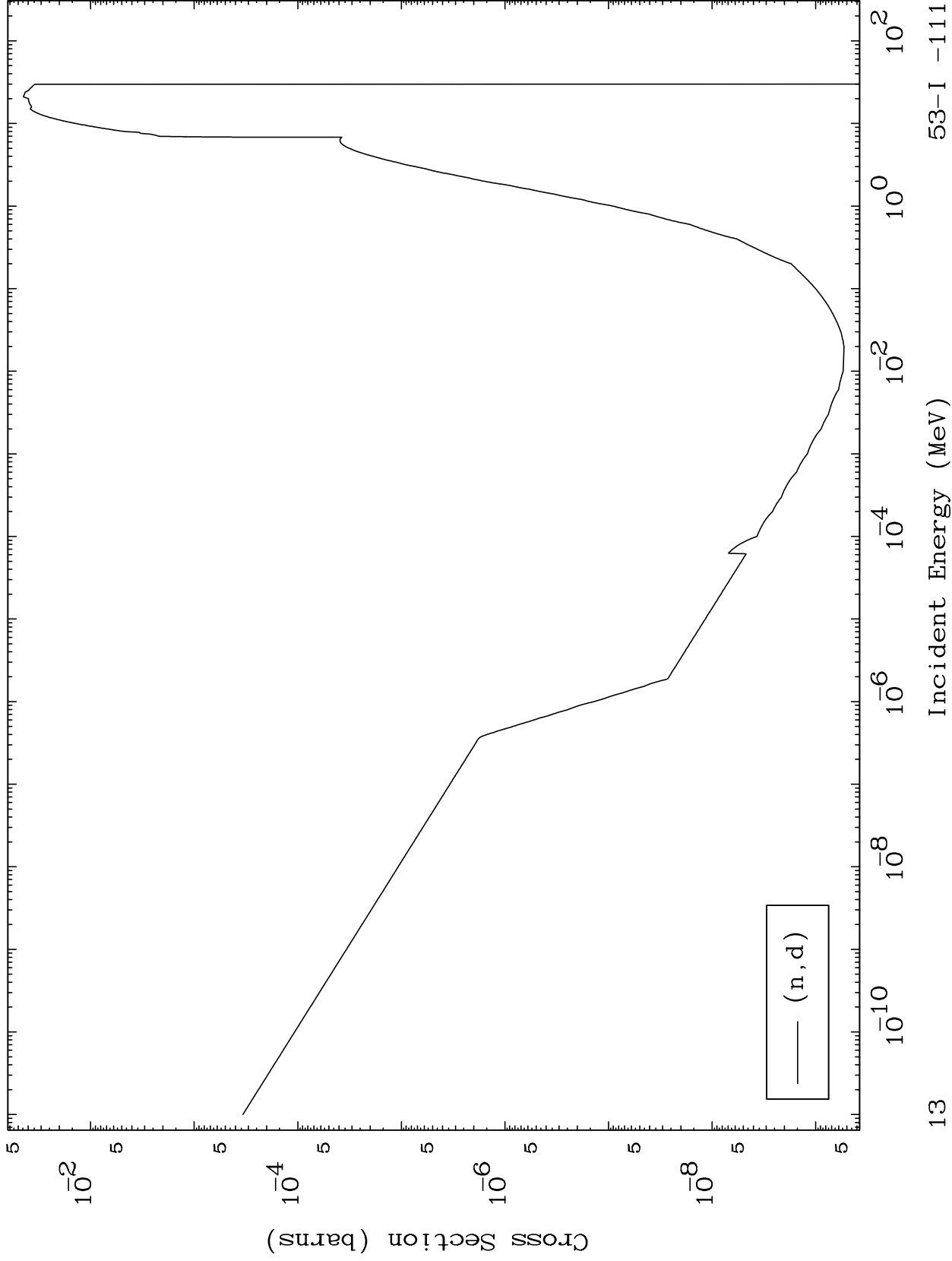
53-I -111



MAT 5277

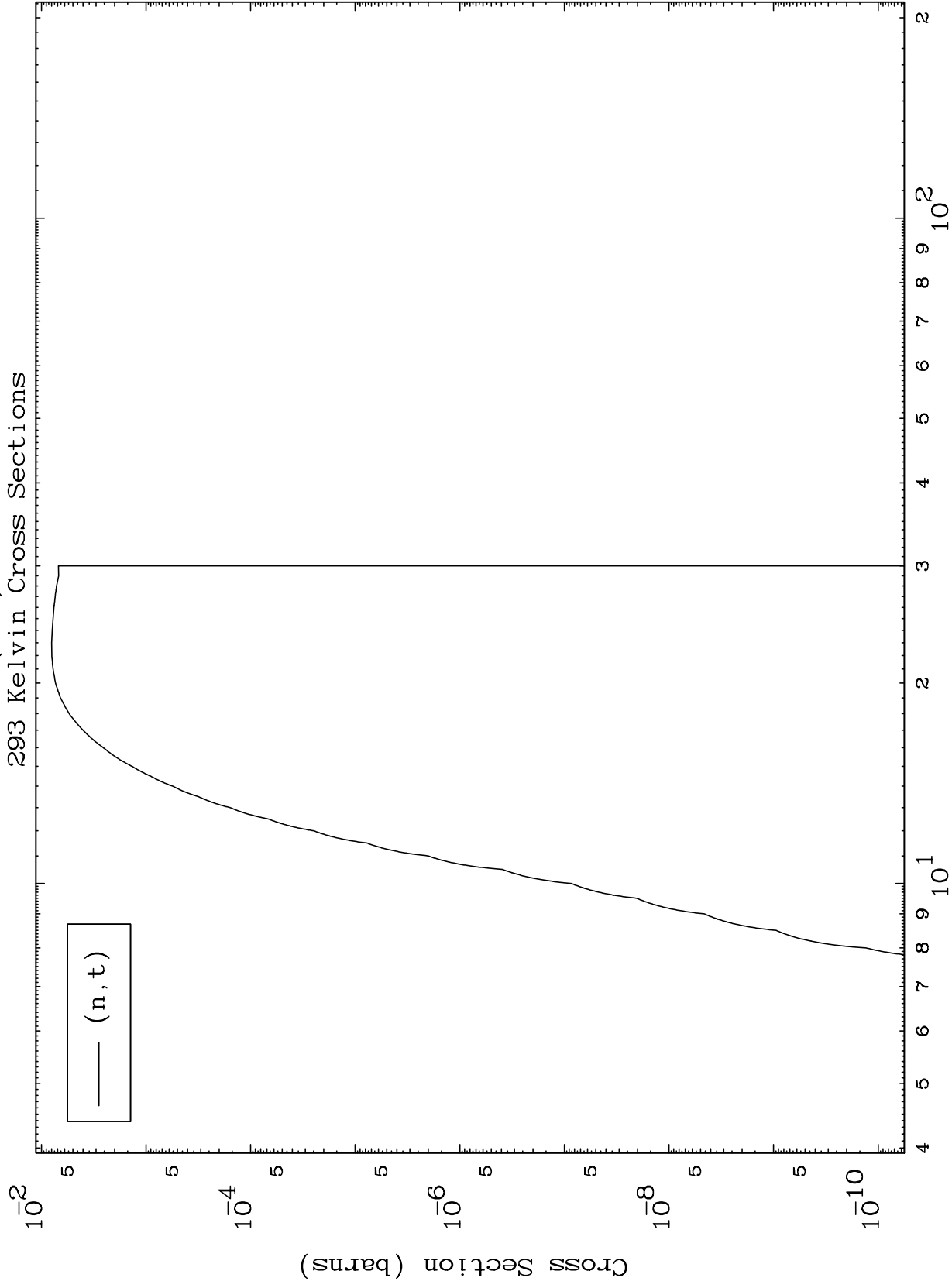
(n,d) Levels
293 Kelvin Cross Sections

53-I -111



13

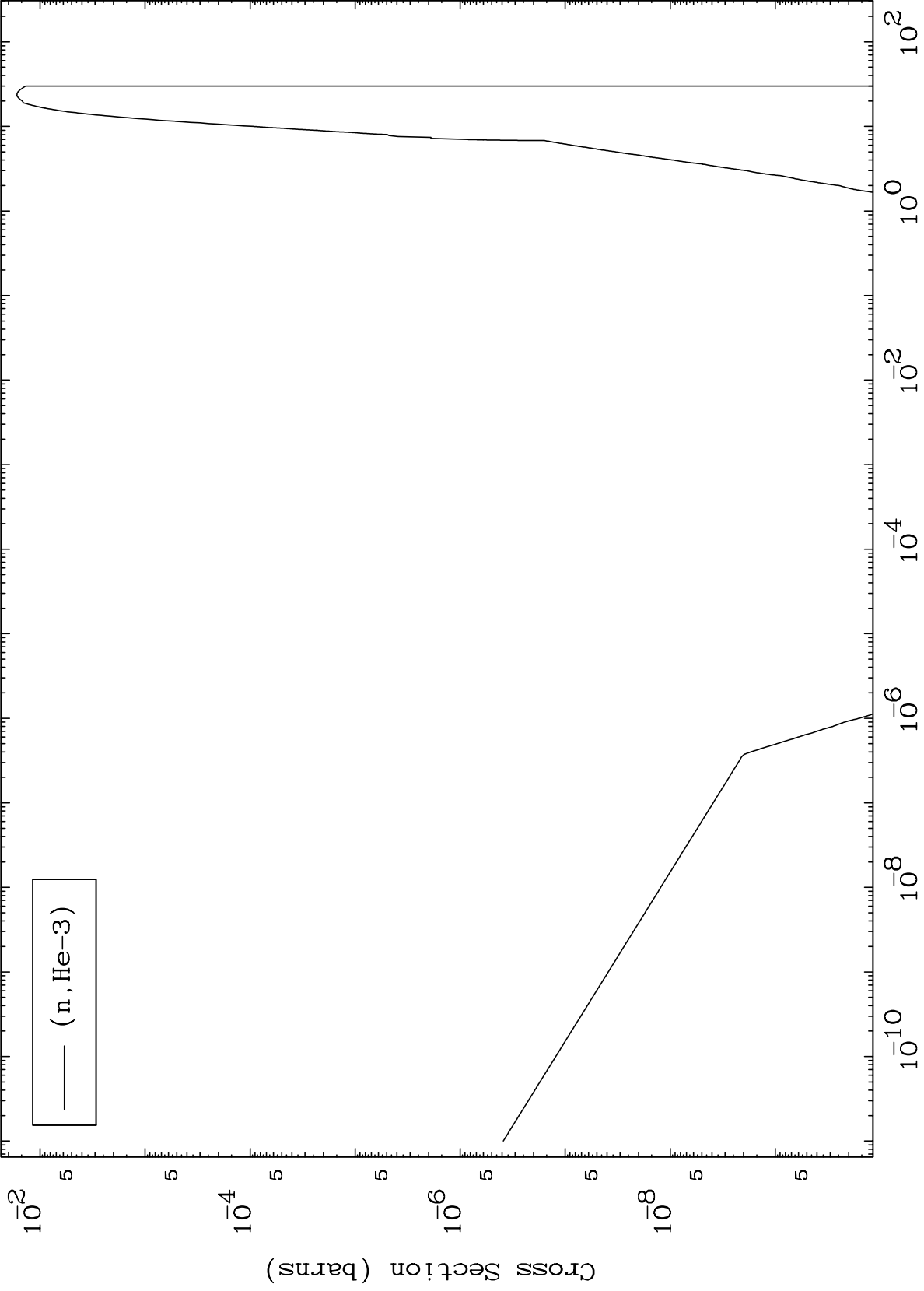
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MAT 5277

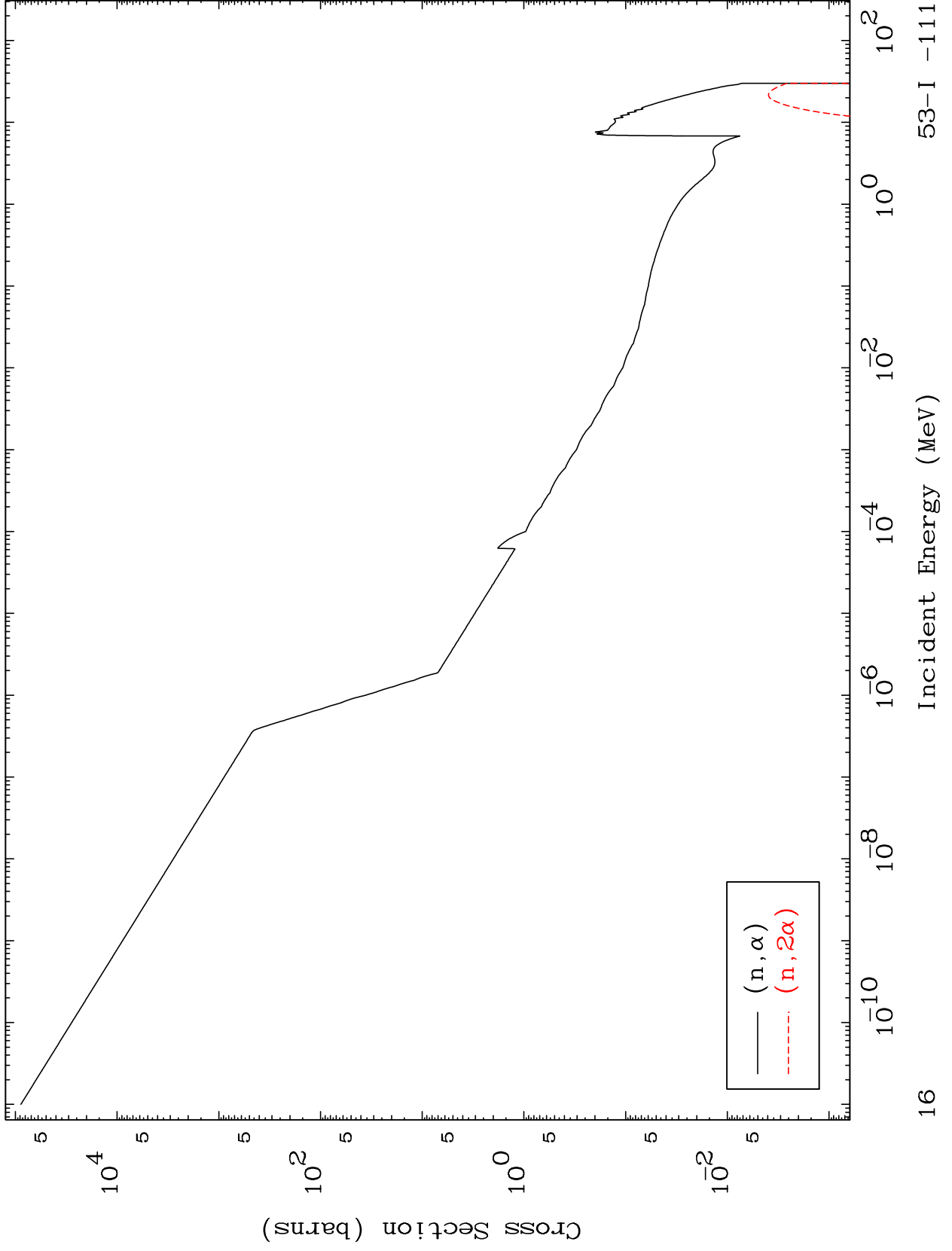
(n,He3) Levels
293 Kelvin Cross Sections

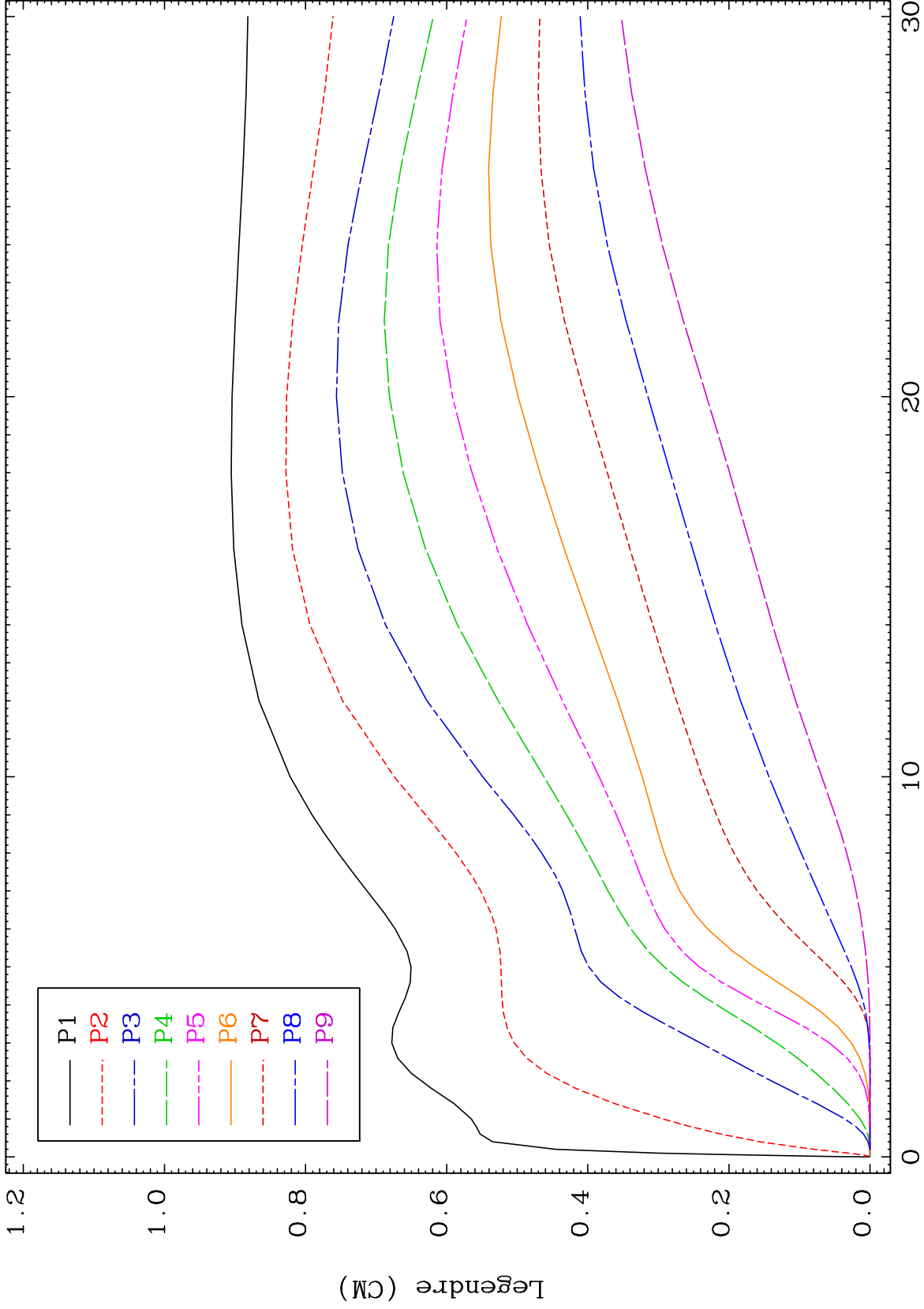
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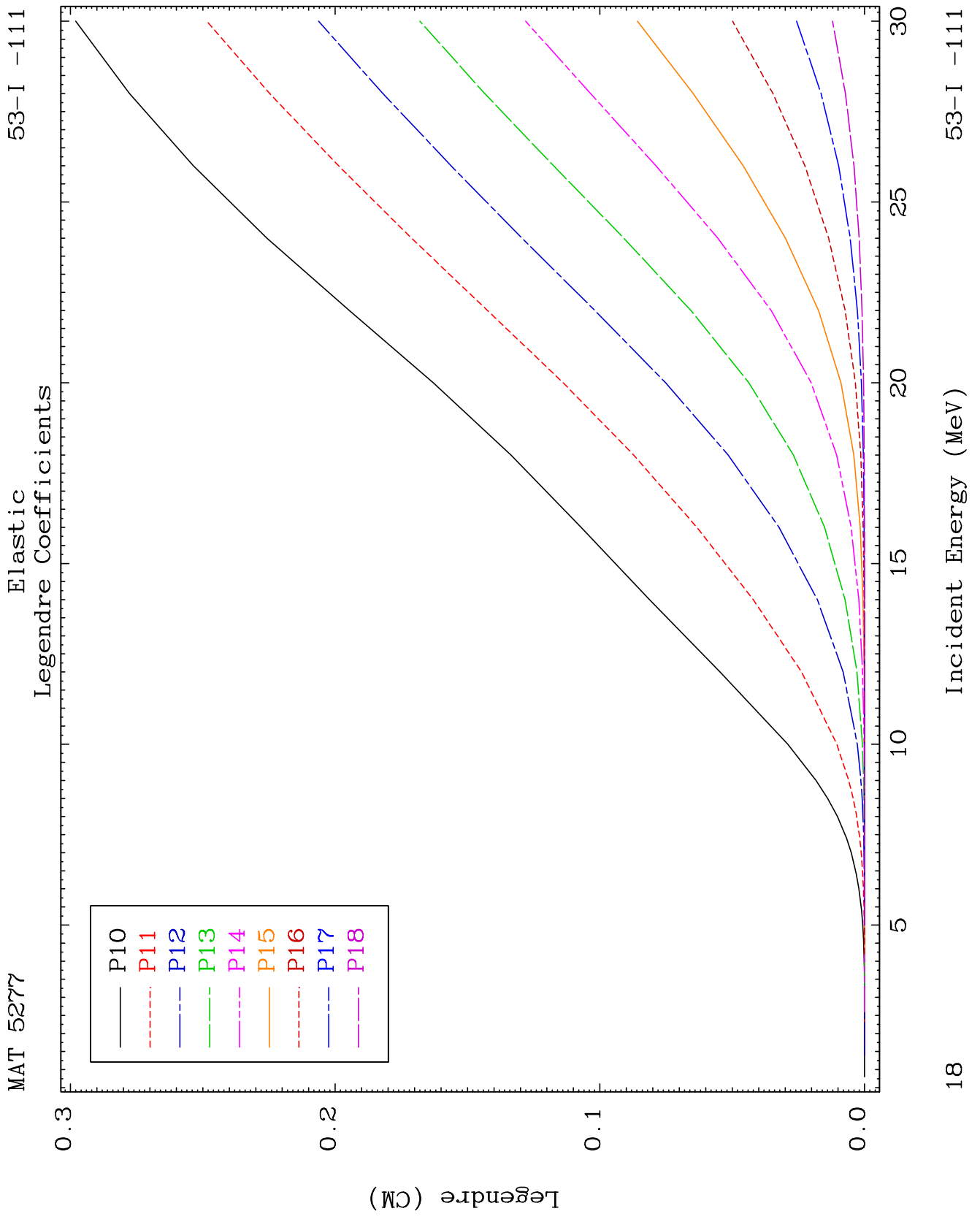


15

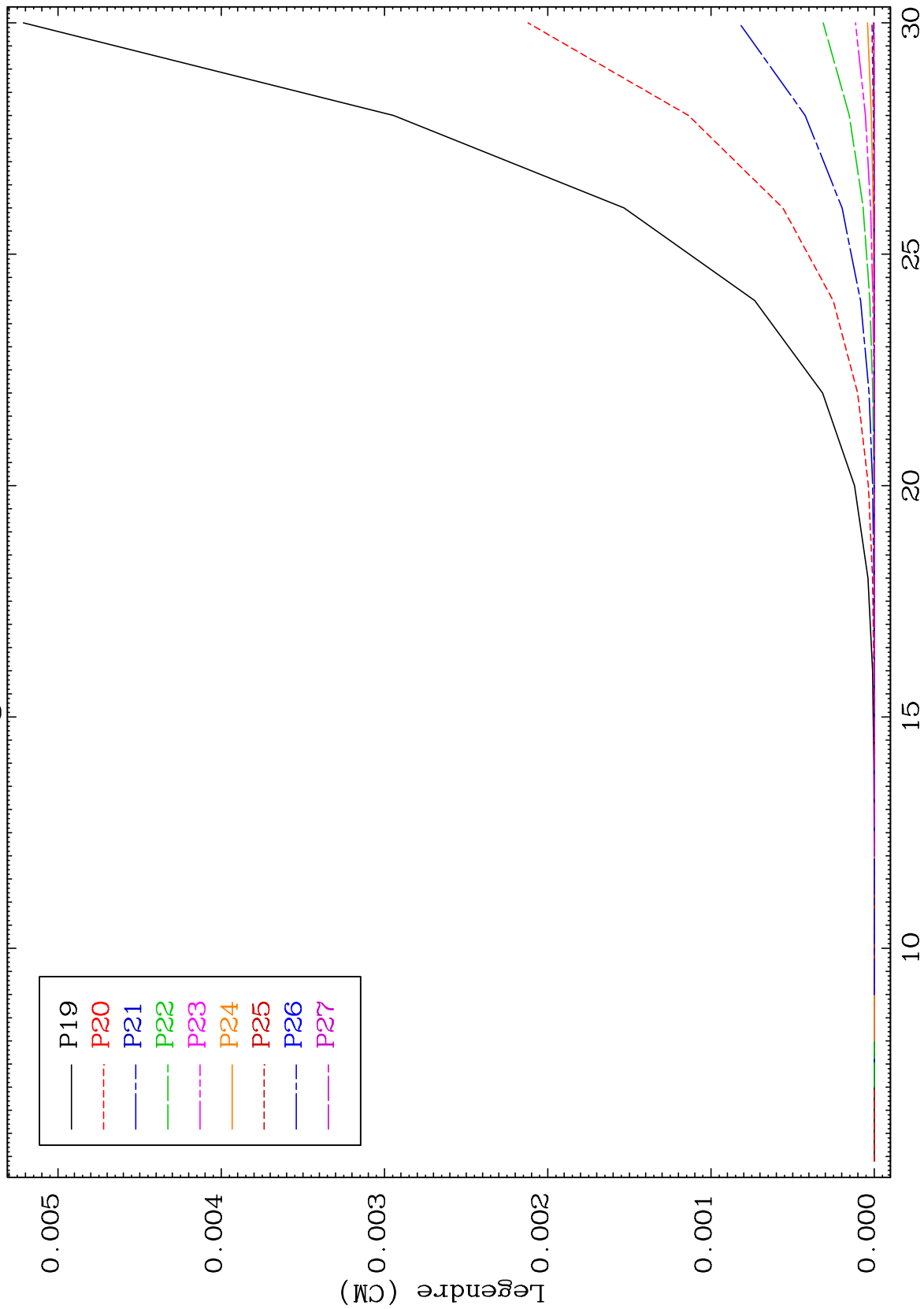
53-I -111







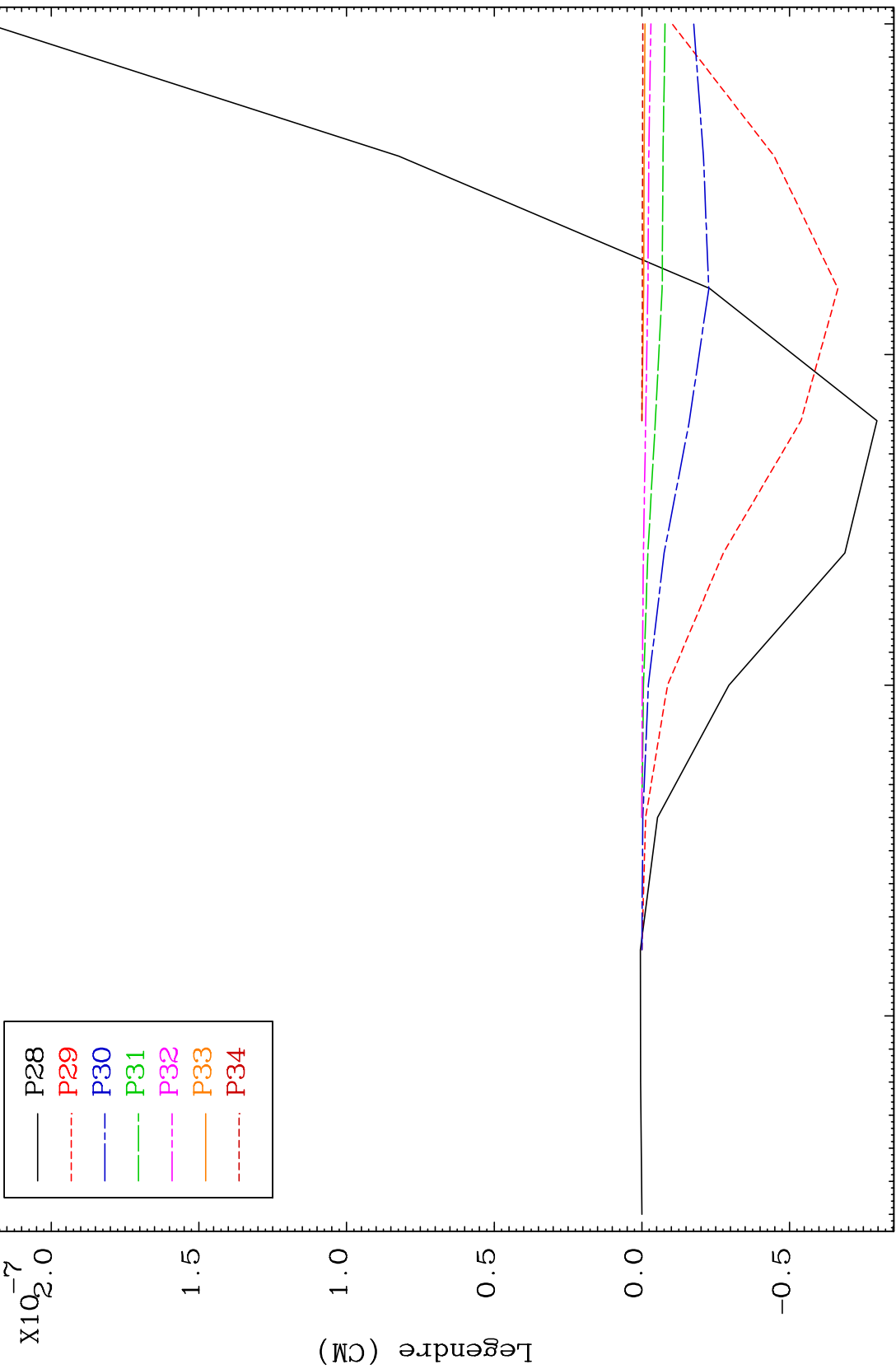
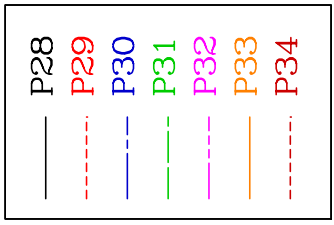
Elastic Legendre Coefficients



MAT 5277

Elastic Legendre Coefficients

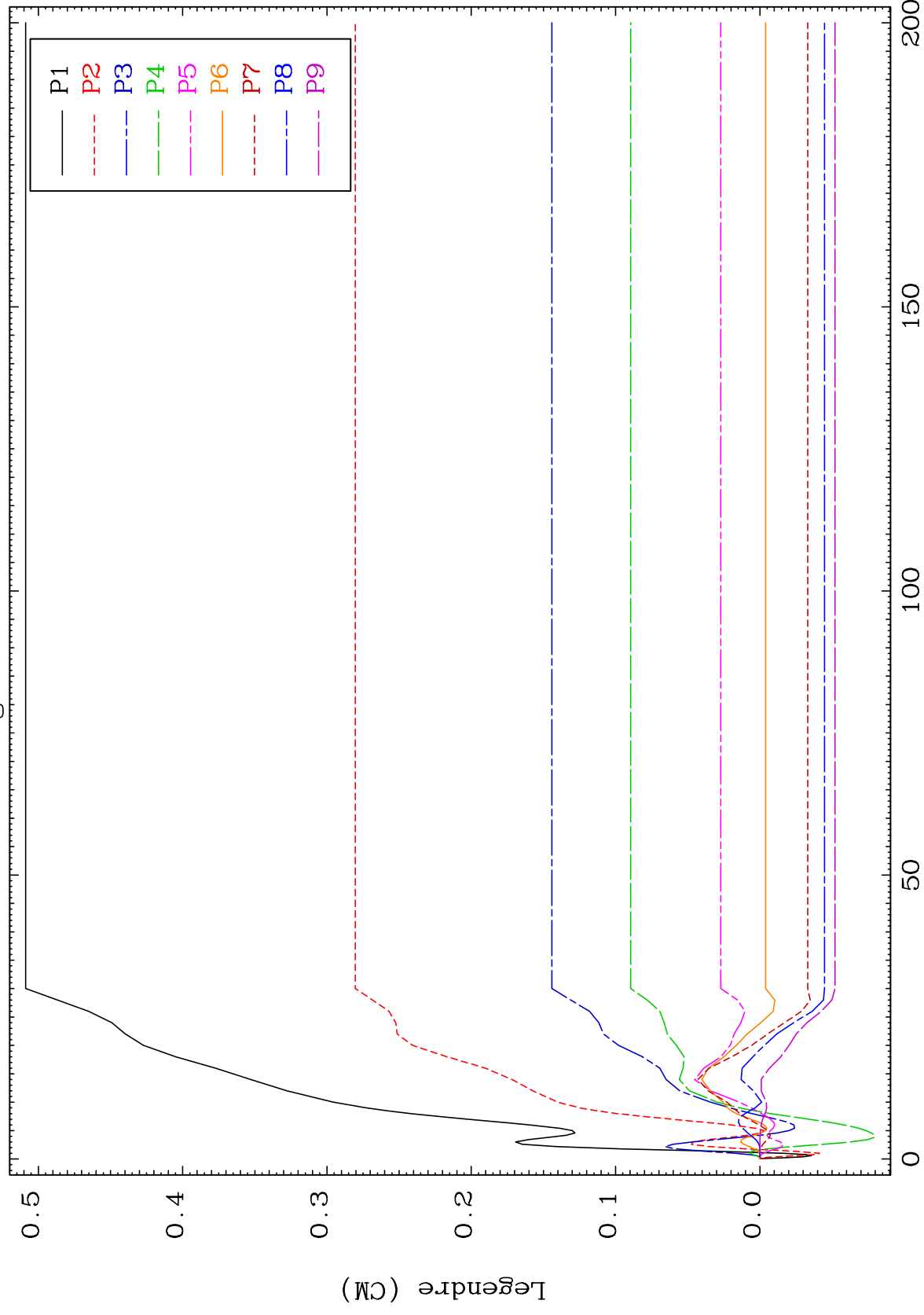
53-I -111



20

Incident Energy (MeV)

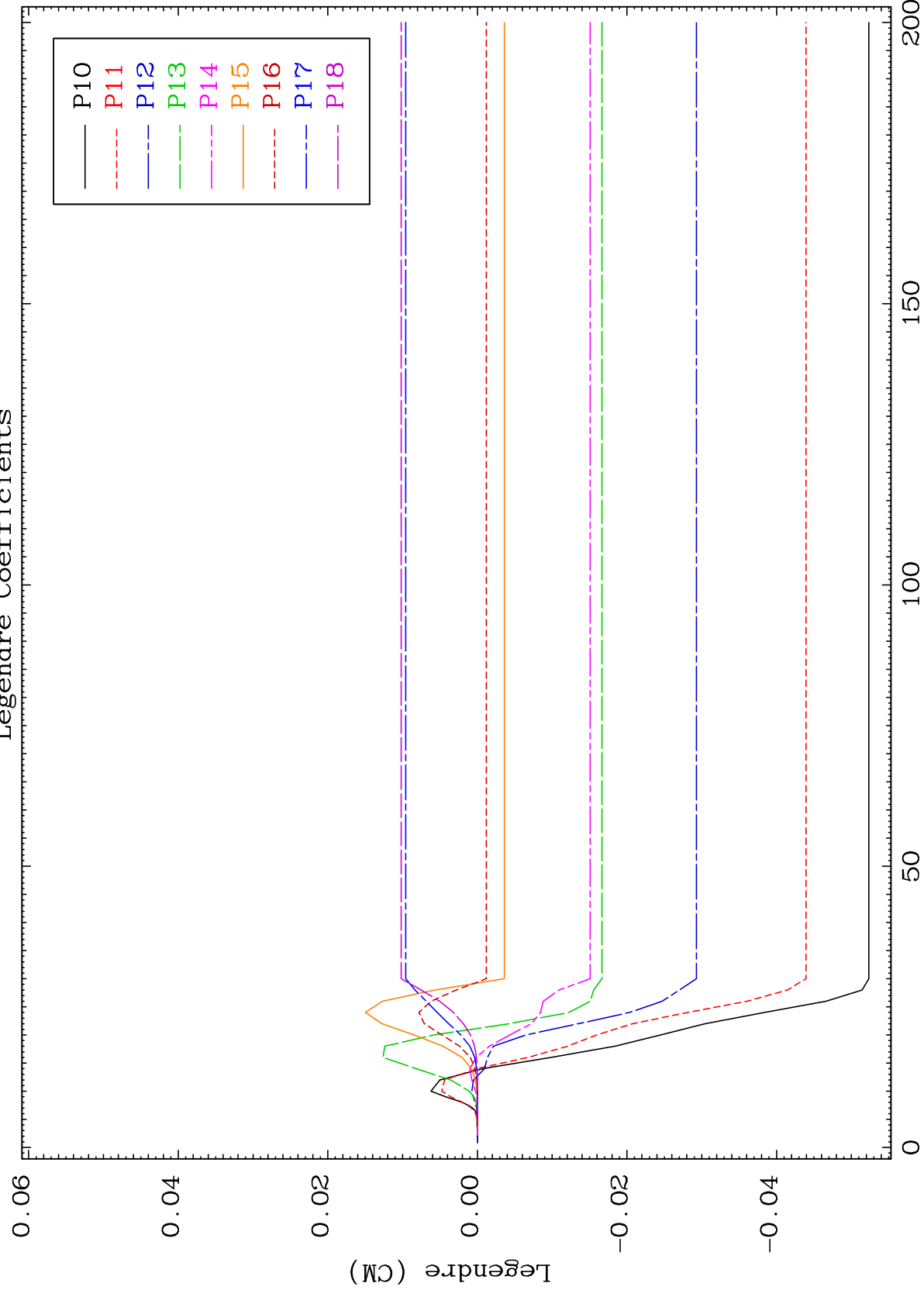
53-I -111



MAT 5277

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

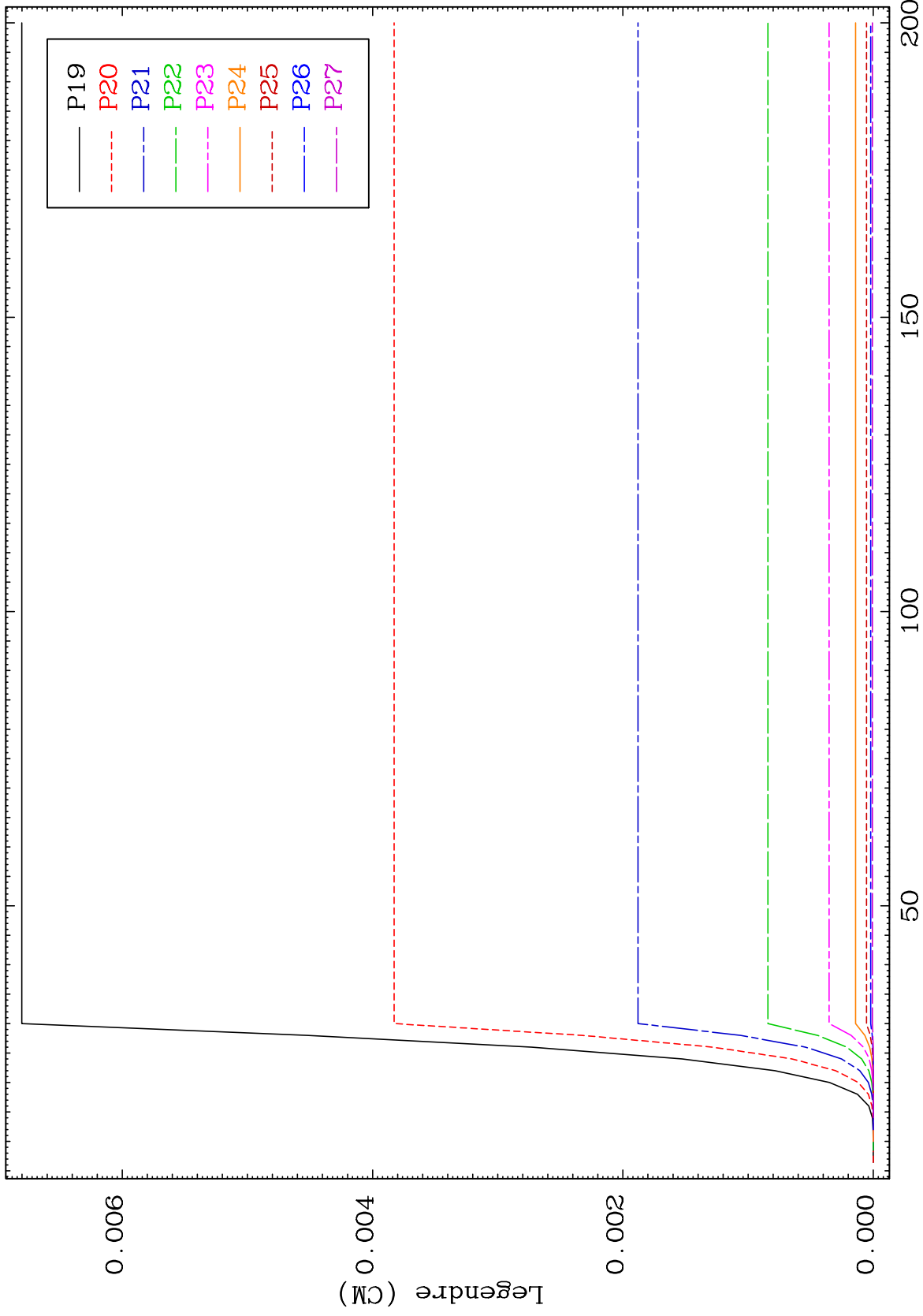
53-I -111



22

Incident Energy (MeV)

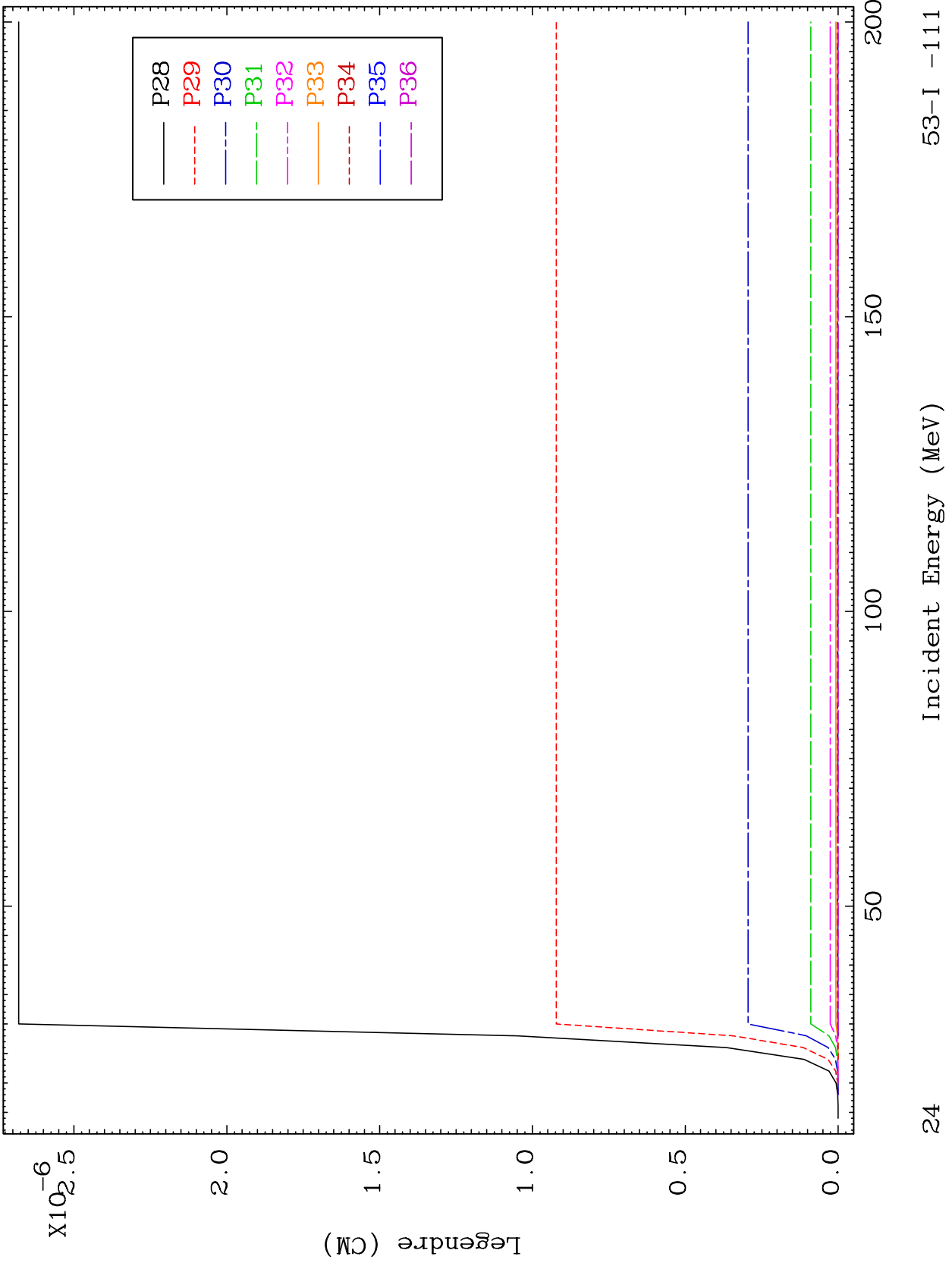
53-I -111



MAT 5277

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

53-I -111



24

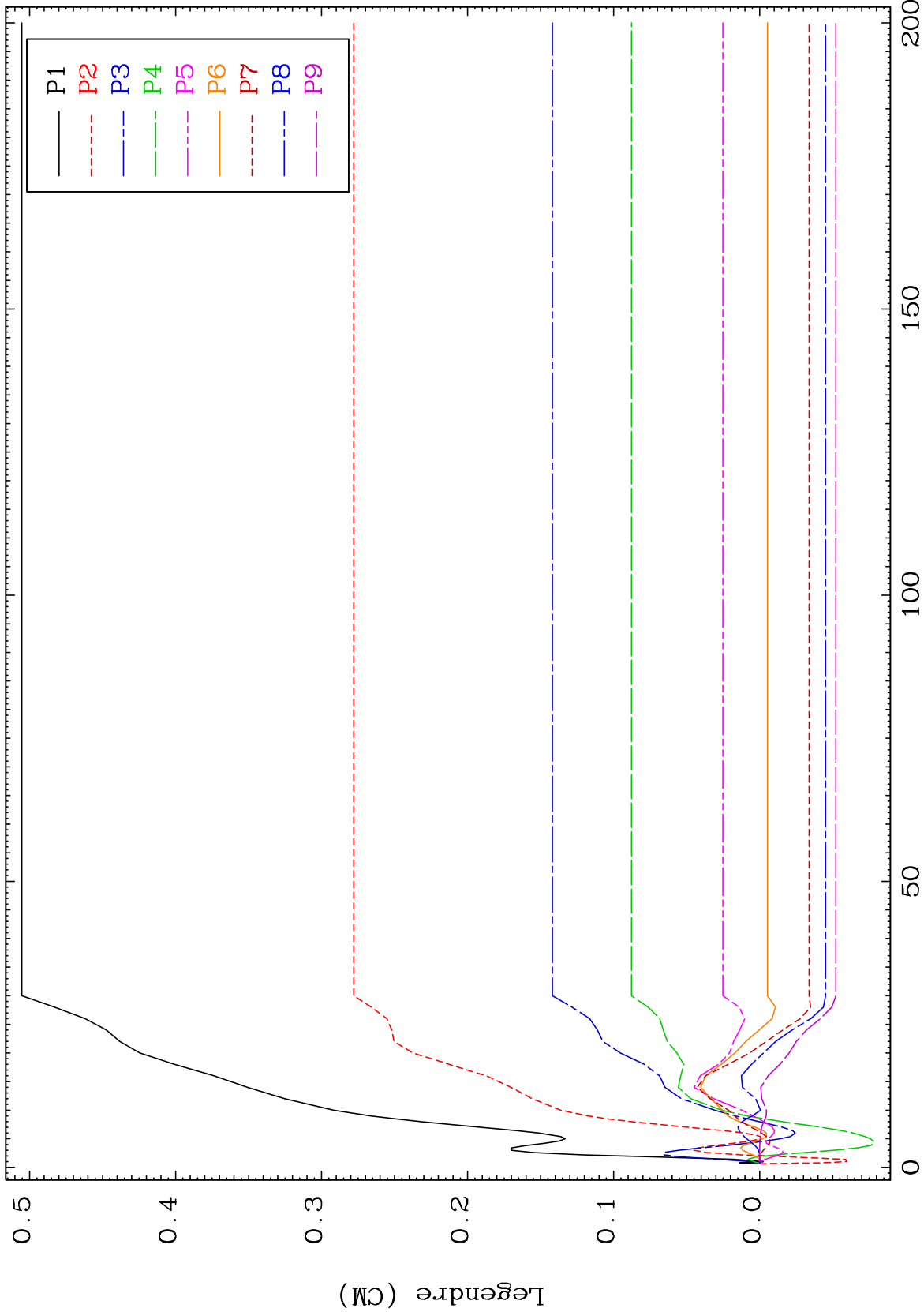
53-I -111

MAT 5277

MT= 52 (n,n') Level

53-I -111

Legendre Coefficients



25

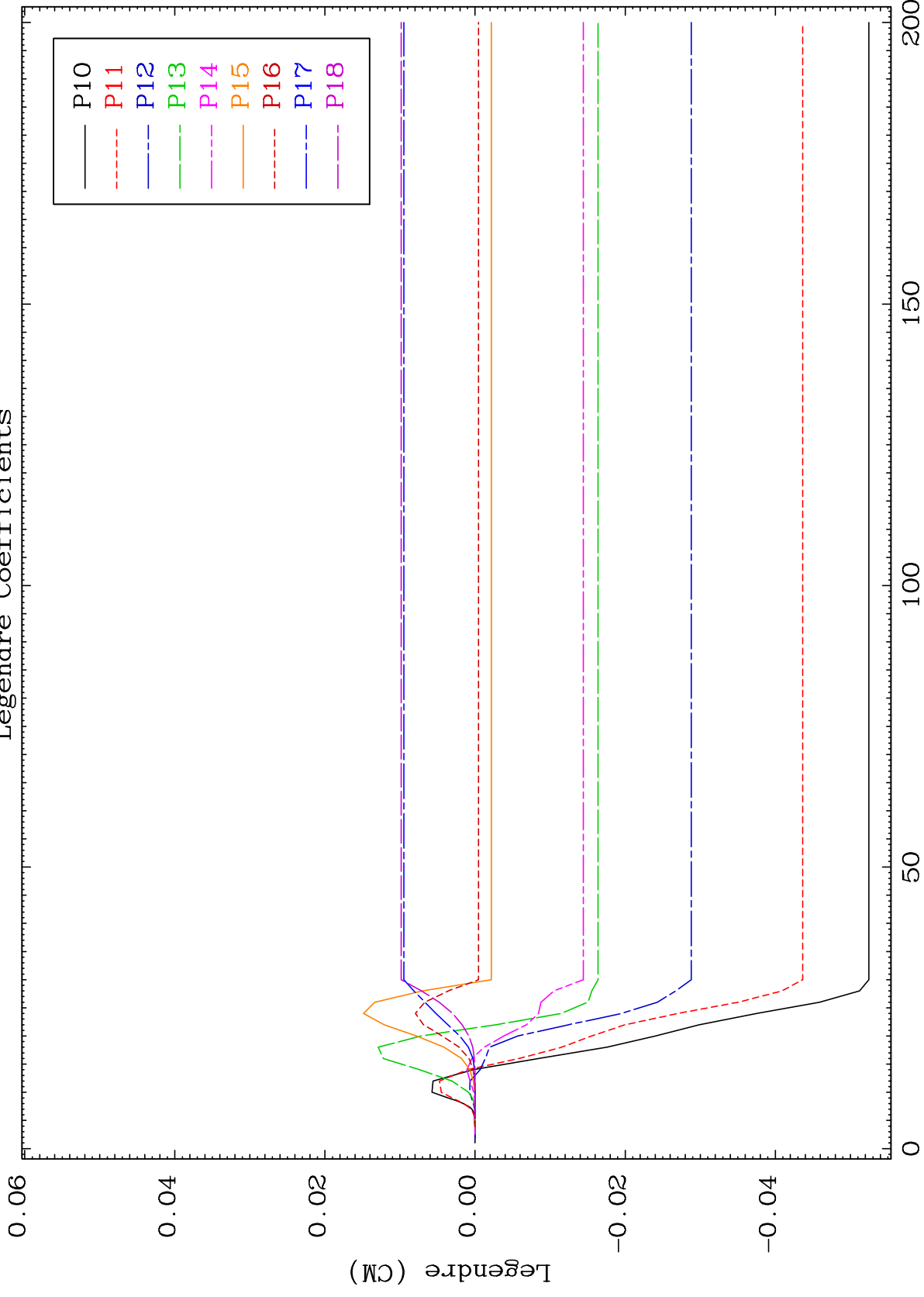
Incident Energy (MeV)

53-I -111

MAT 5277

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

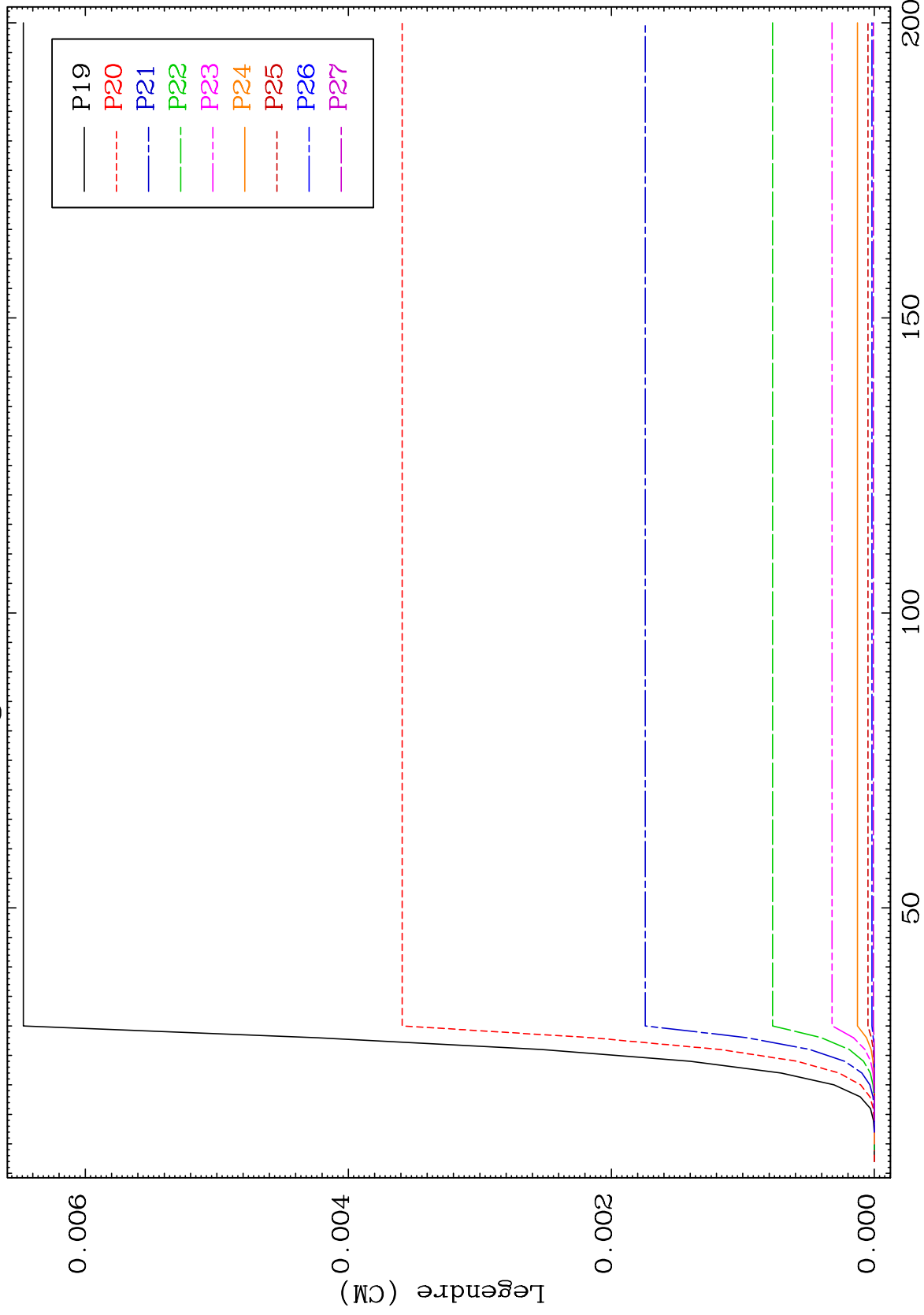
53-I -111



26

Incident Energy (MeV)

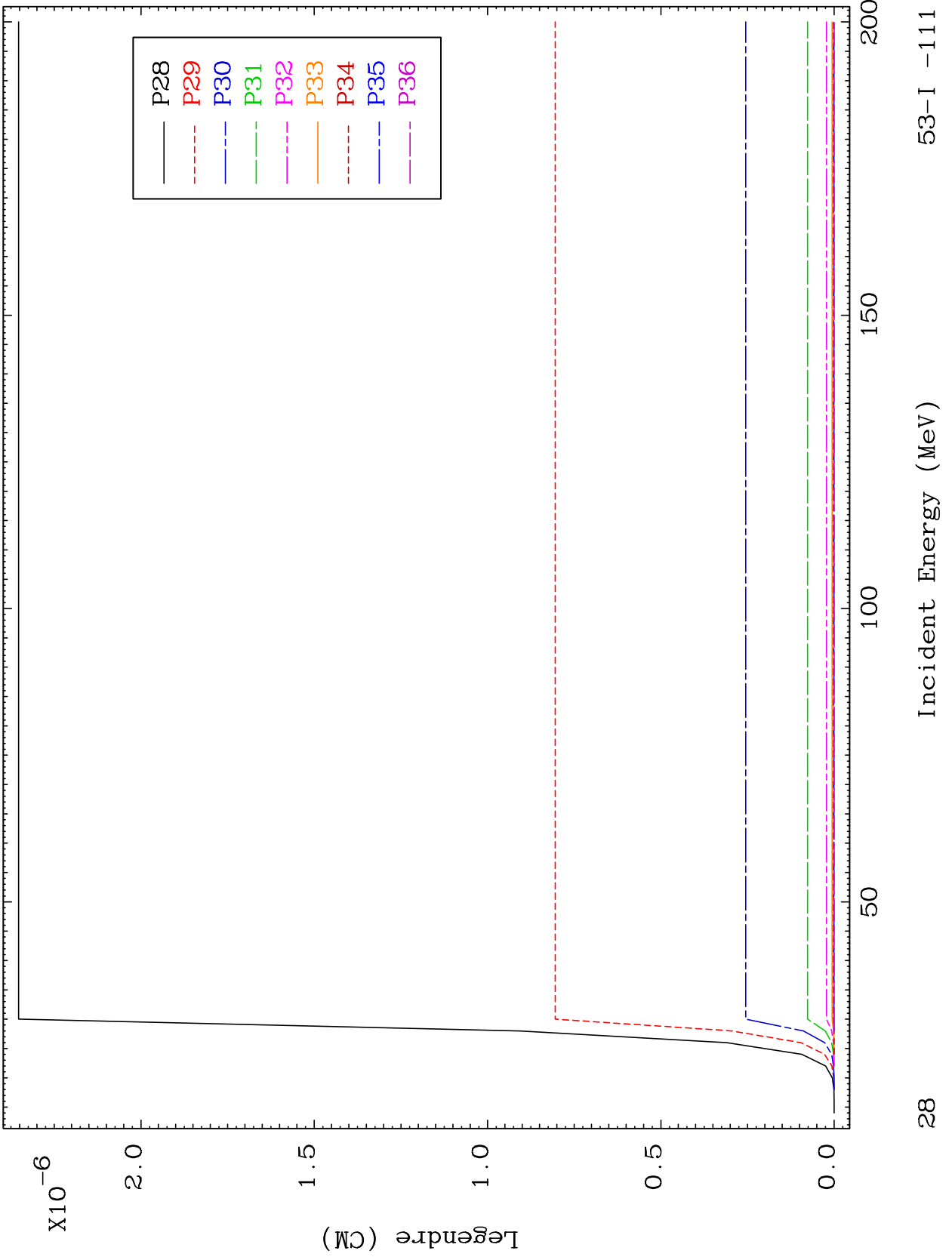
53-I -111



MAT 5277

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

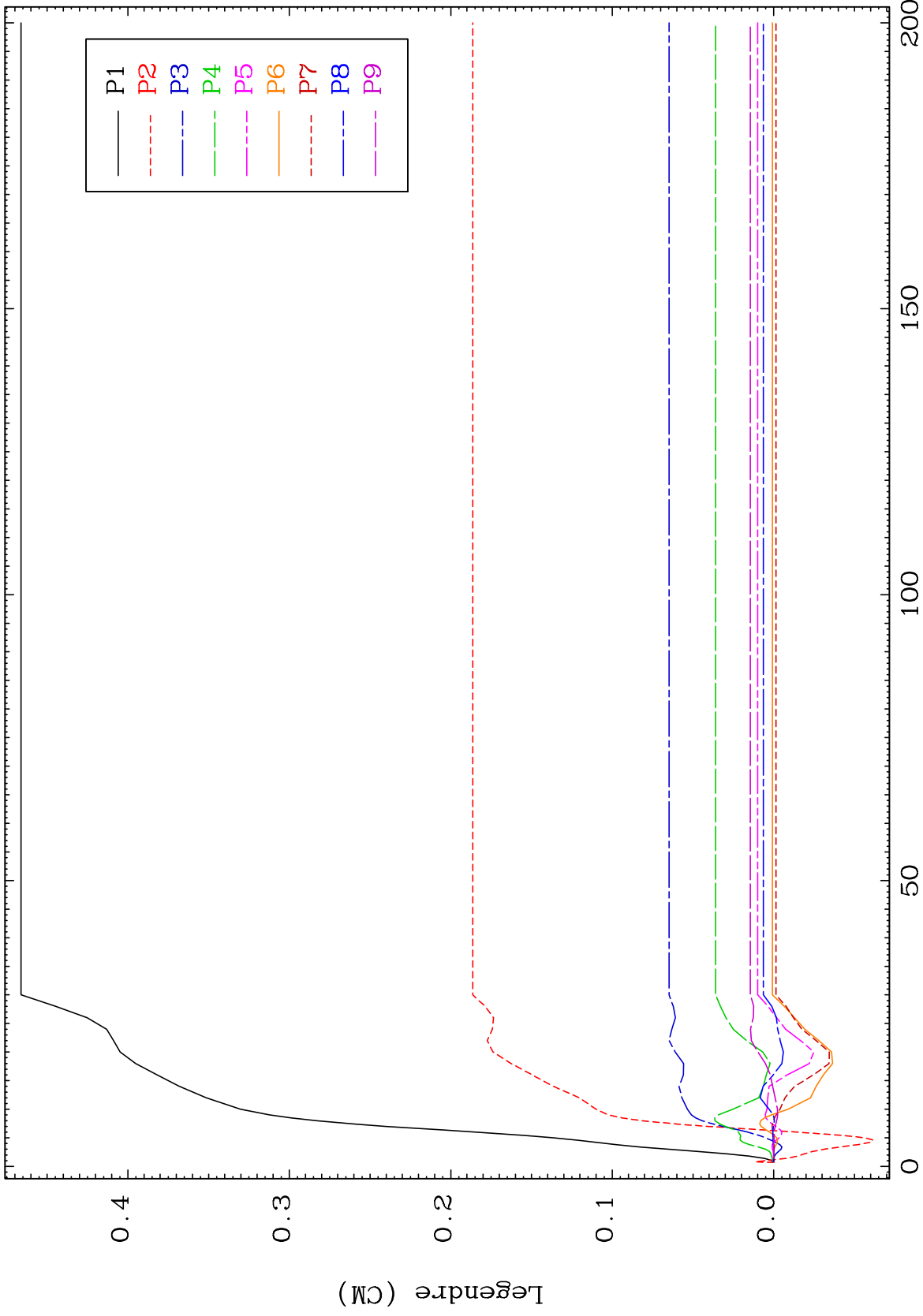
53-I -111



MAT 5277

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

53-I -111



29

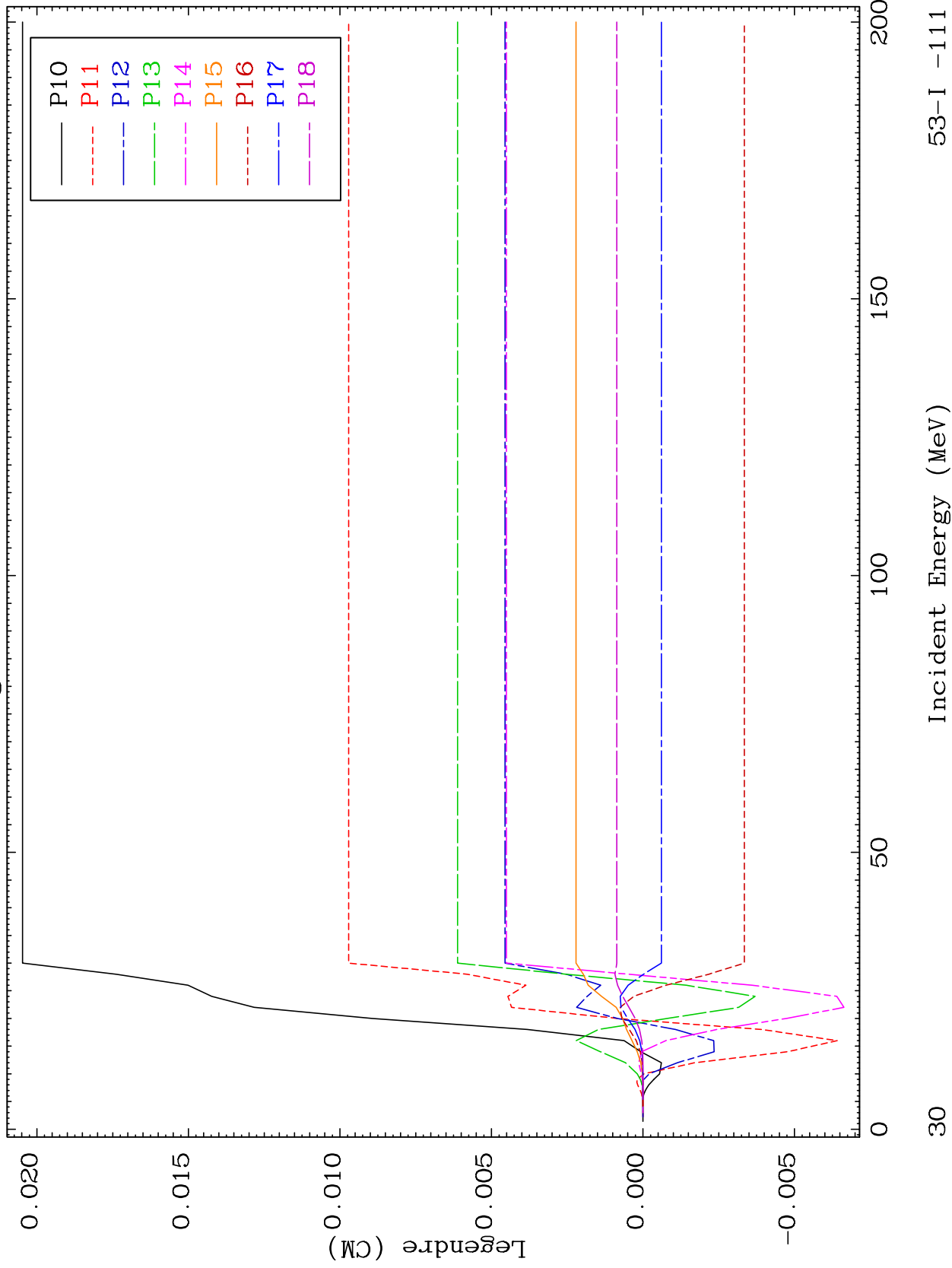
Incident Energy (MeV)

53-I -111

MAT 5277

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

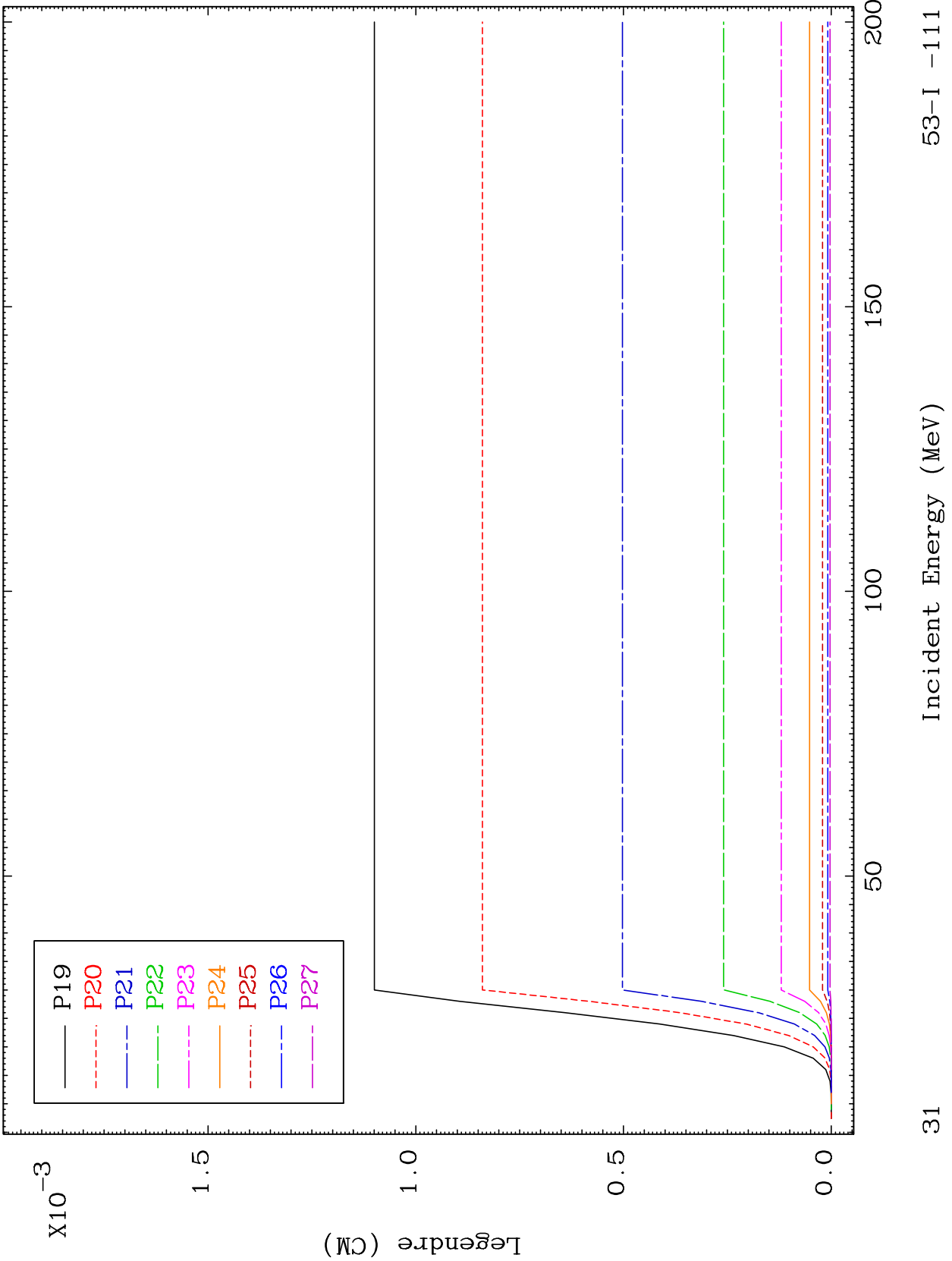
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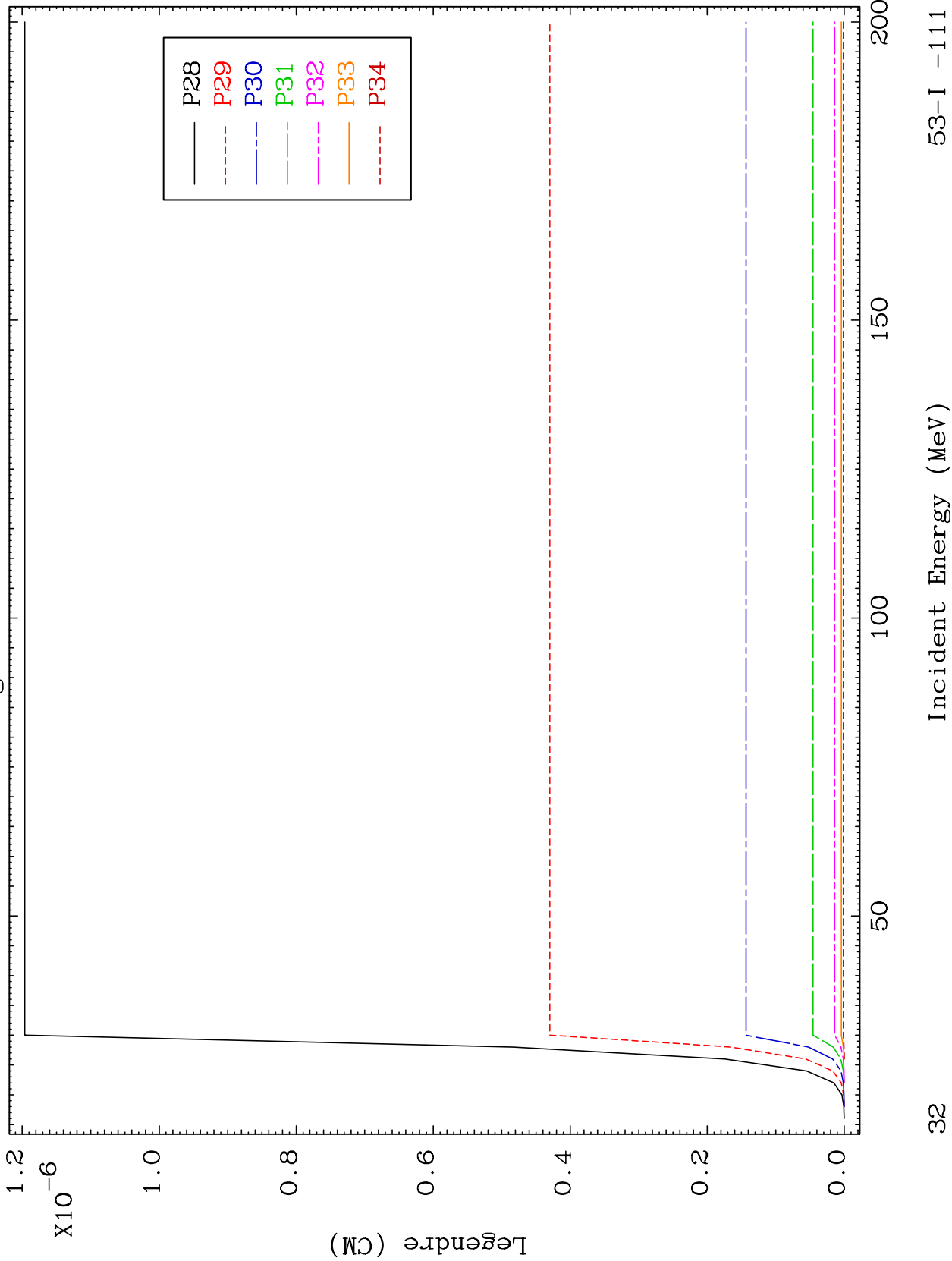


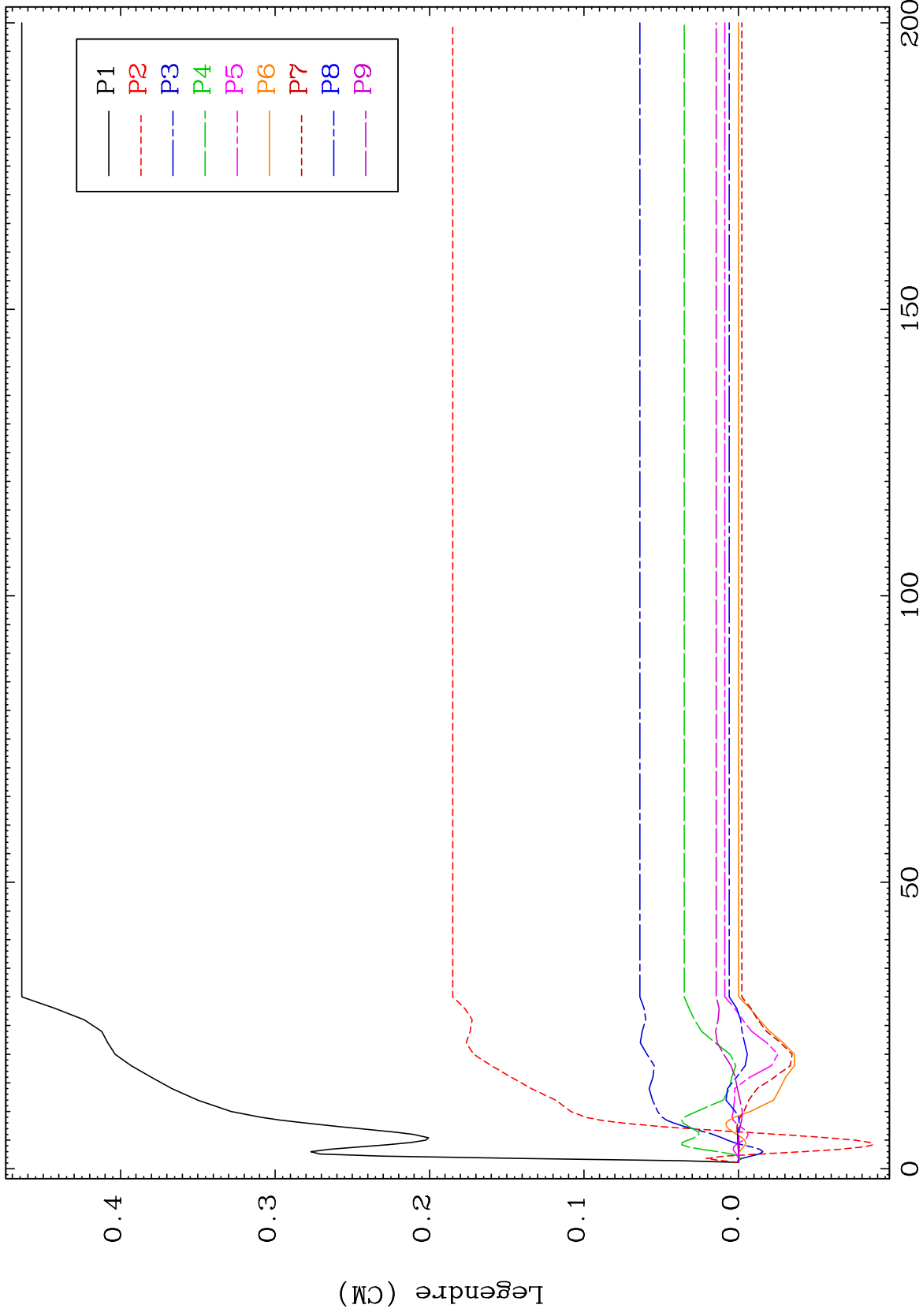
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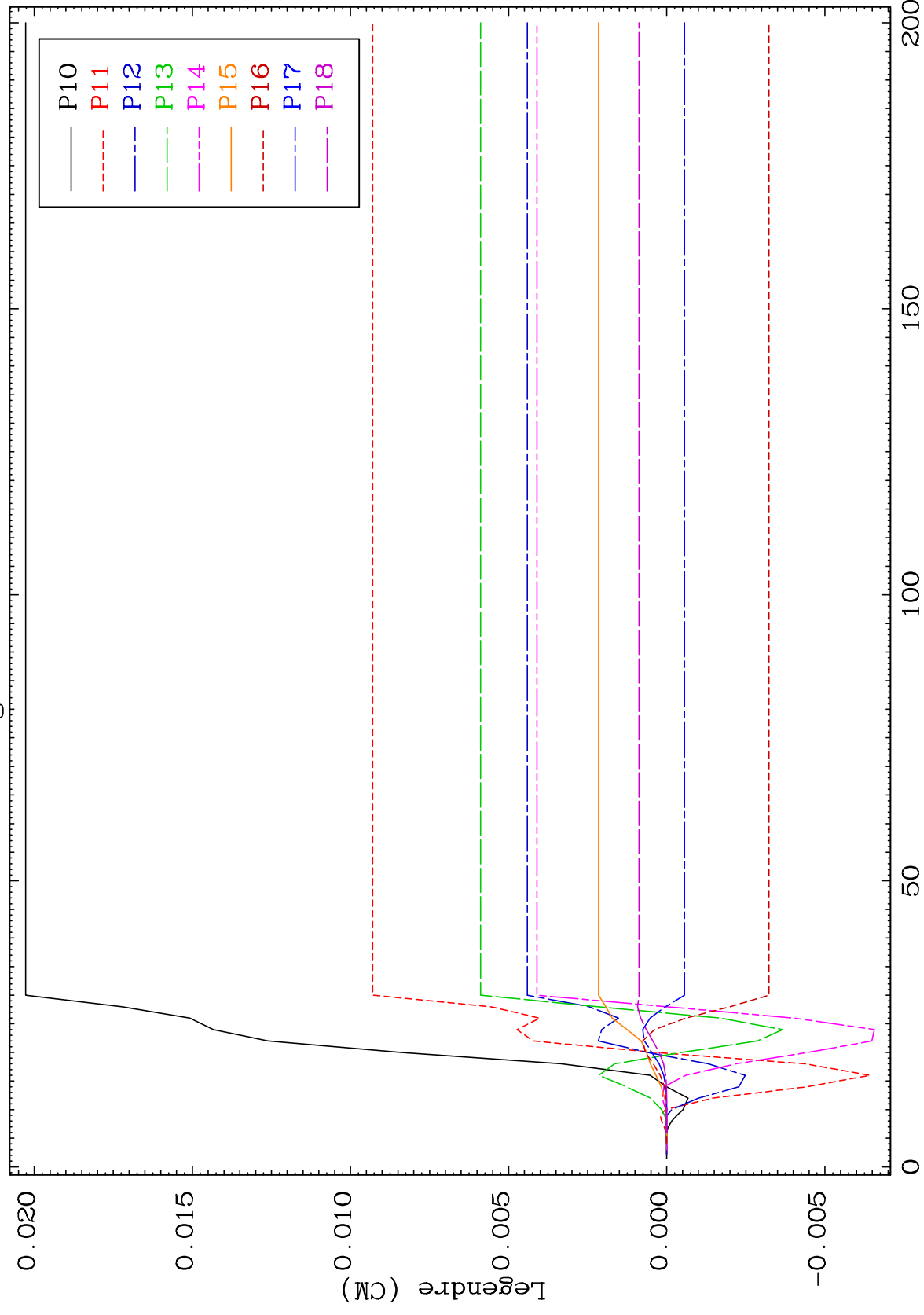
Incident Energy (MeV)

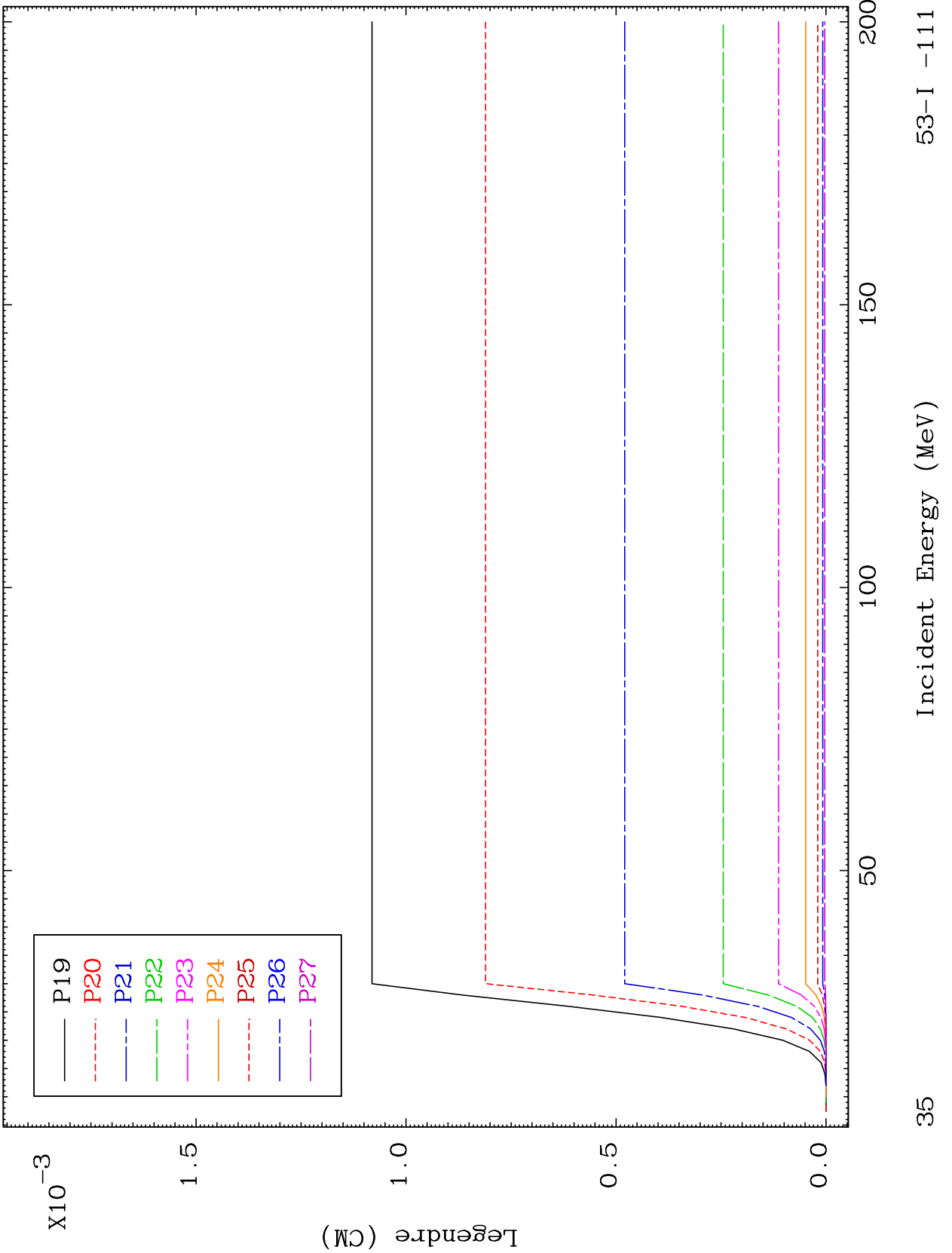
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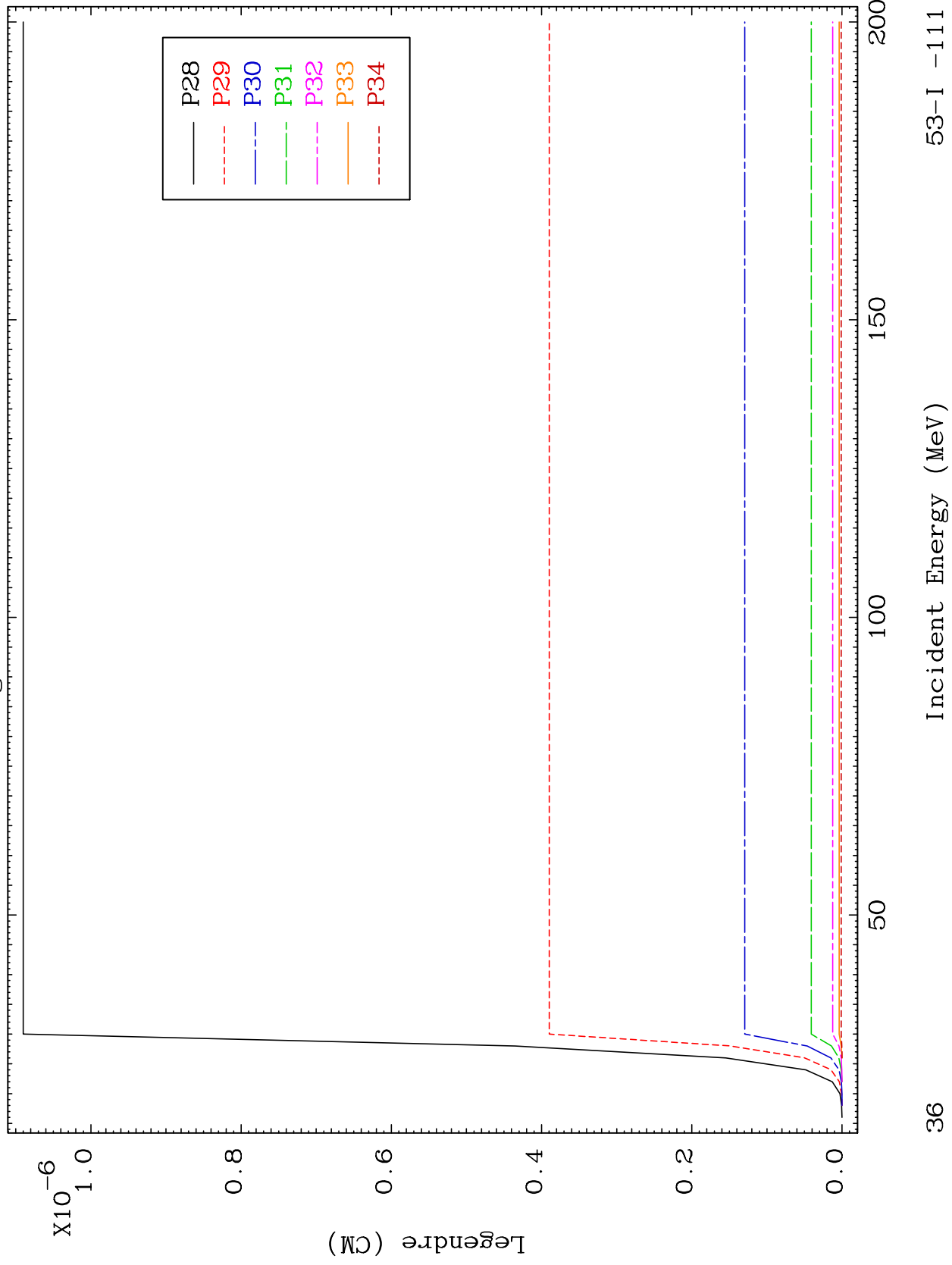




MAT 5277

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

53-I -111



36

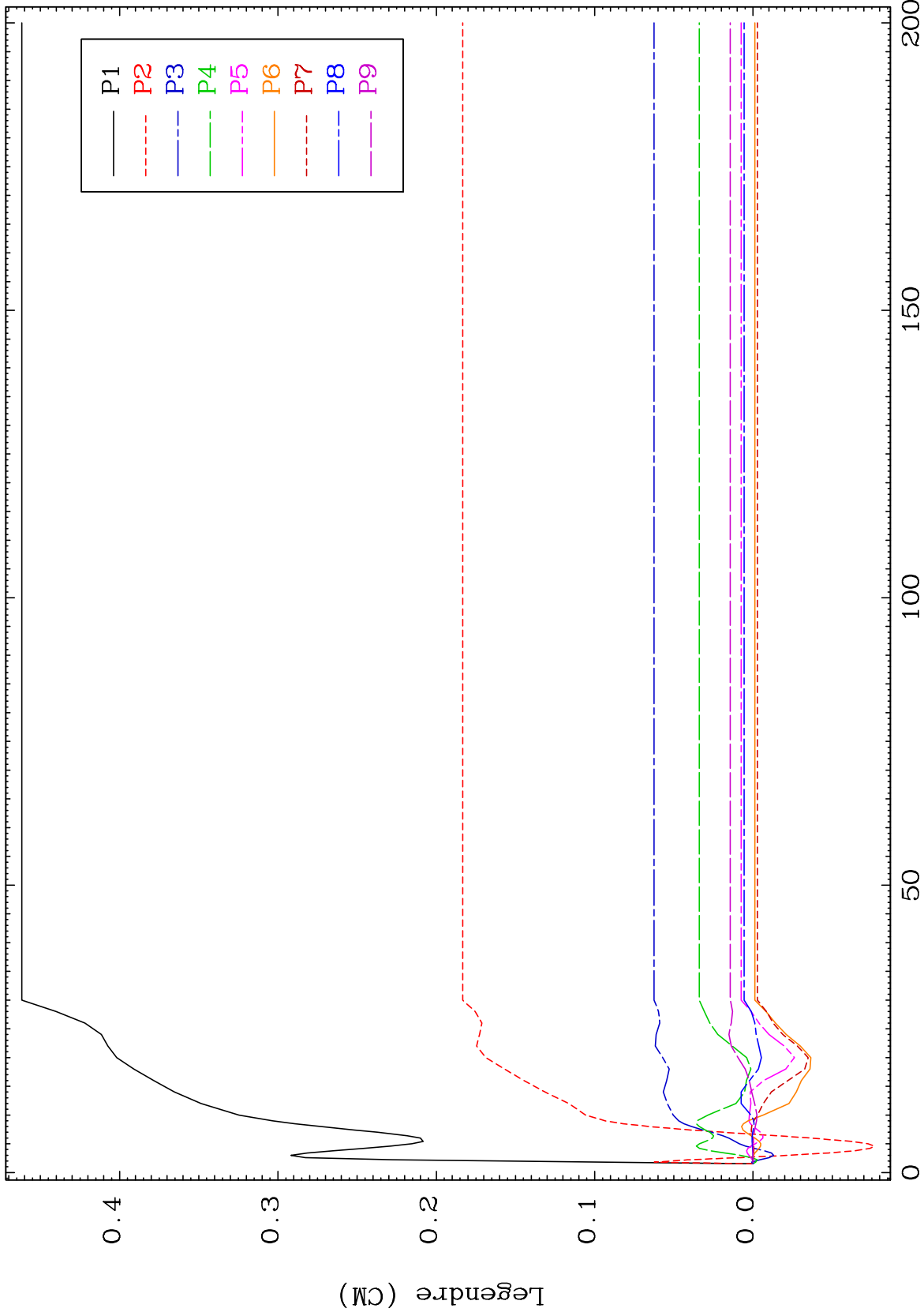
Incident Energy (MeV)

53-I -111

MAT 5277

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

53-I -111



37

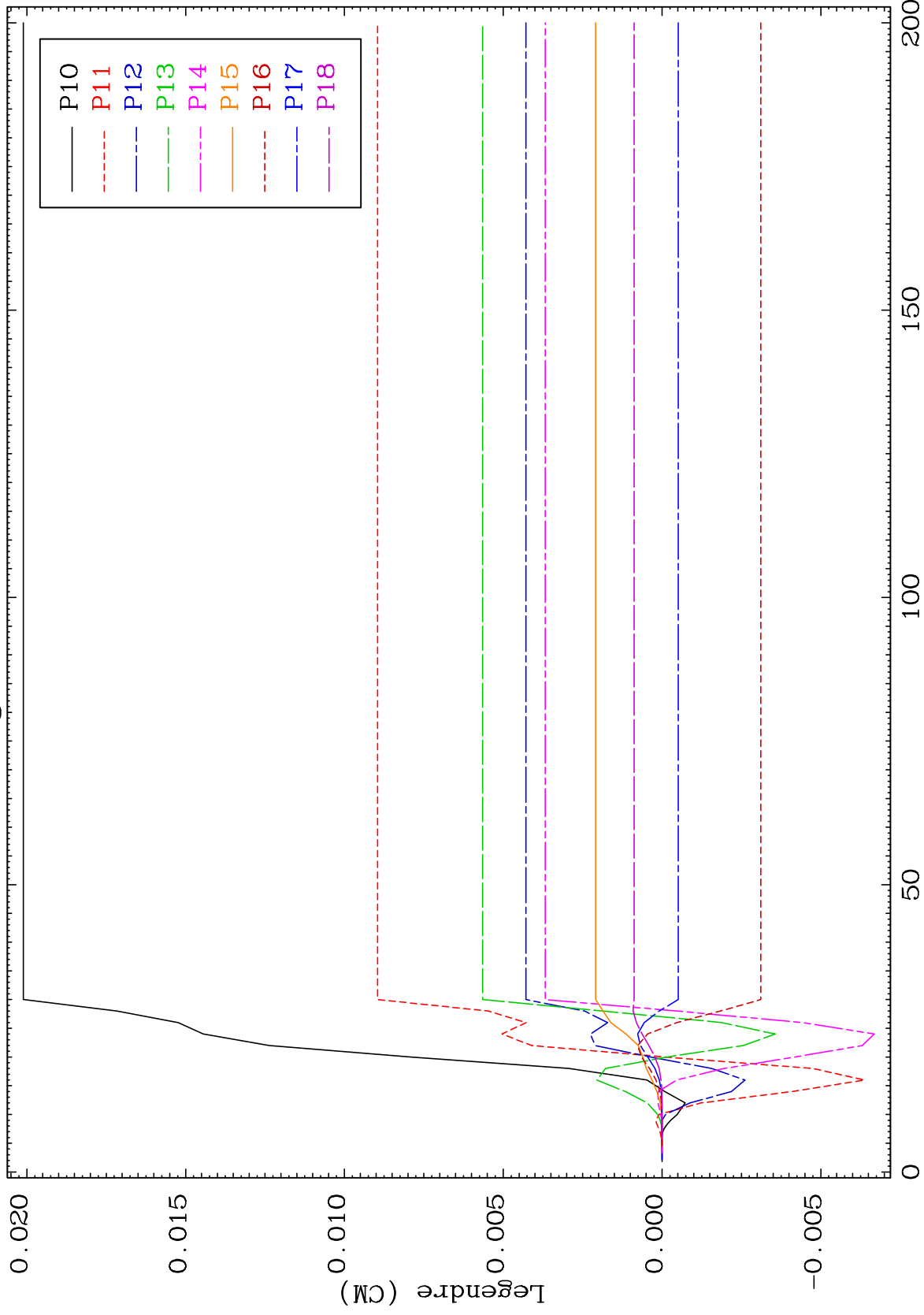
Incident Energy (MeV)

53-I -111

MAT 5277

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

53-I -111



38

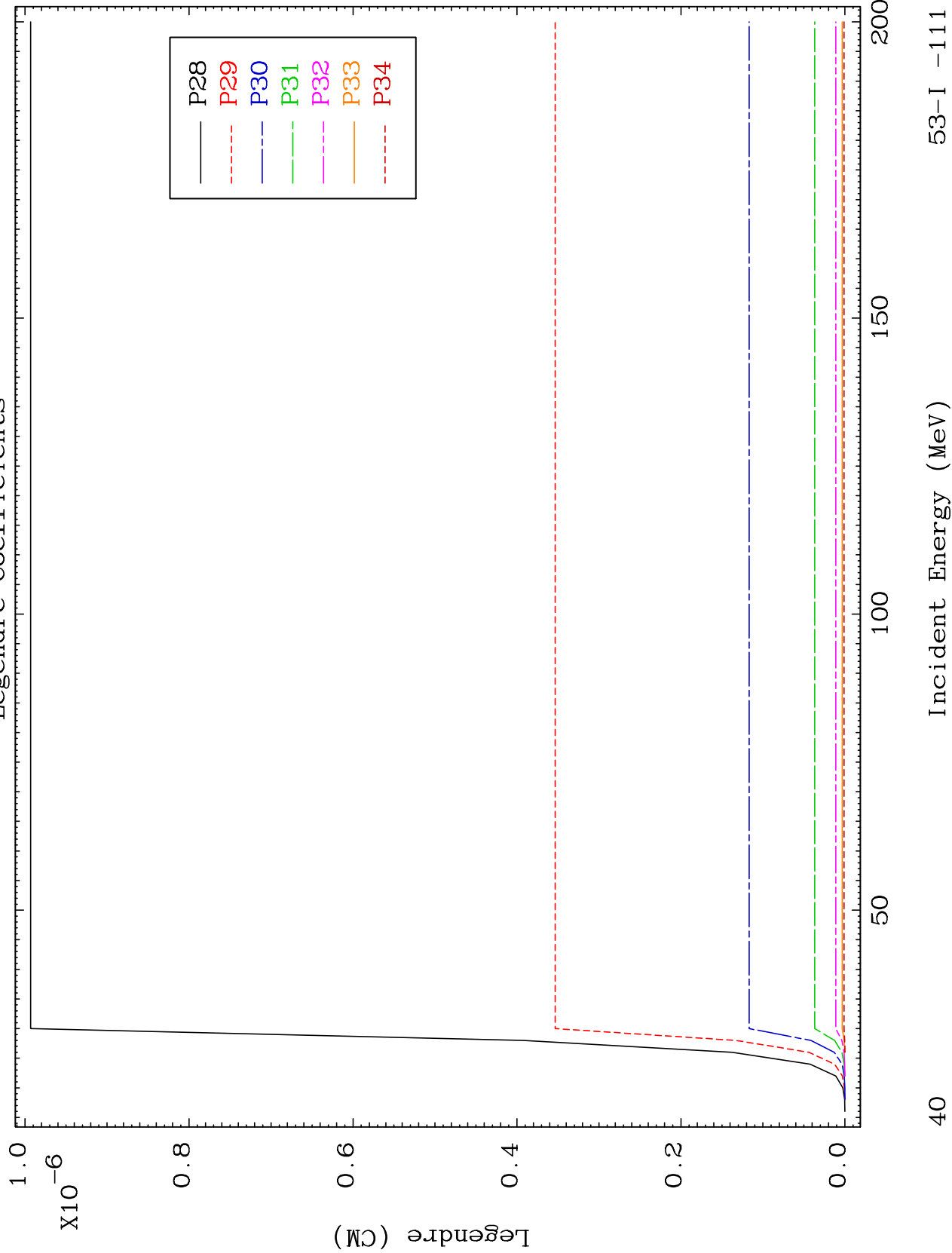
Incident Energy (MeV)

53-I -111

MAT 5277

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

53-I -111



53-I -111

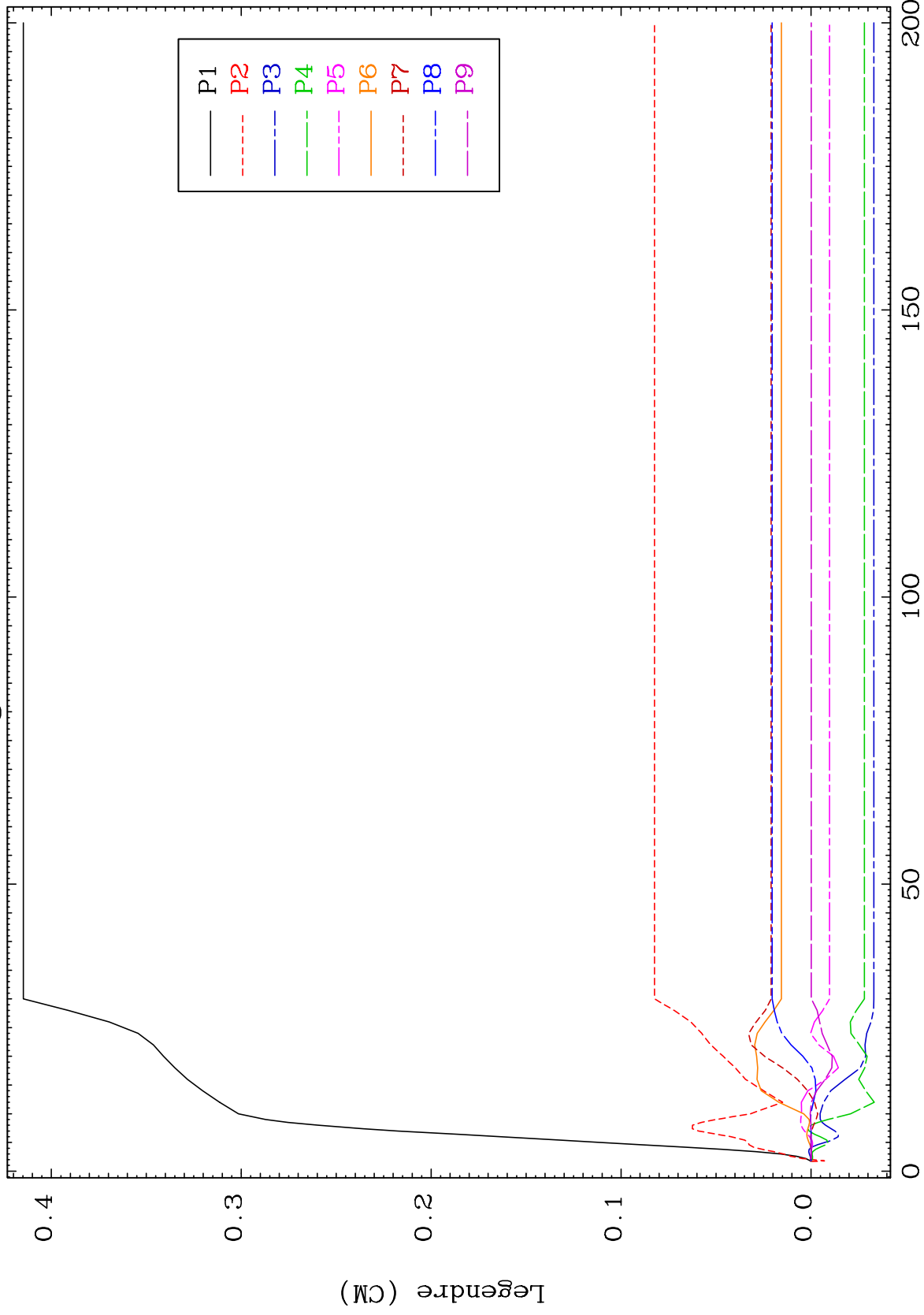
Incident Energy (MeV)

40

MAT 5277

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

53-I -111



41

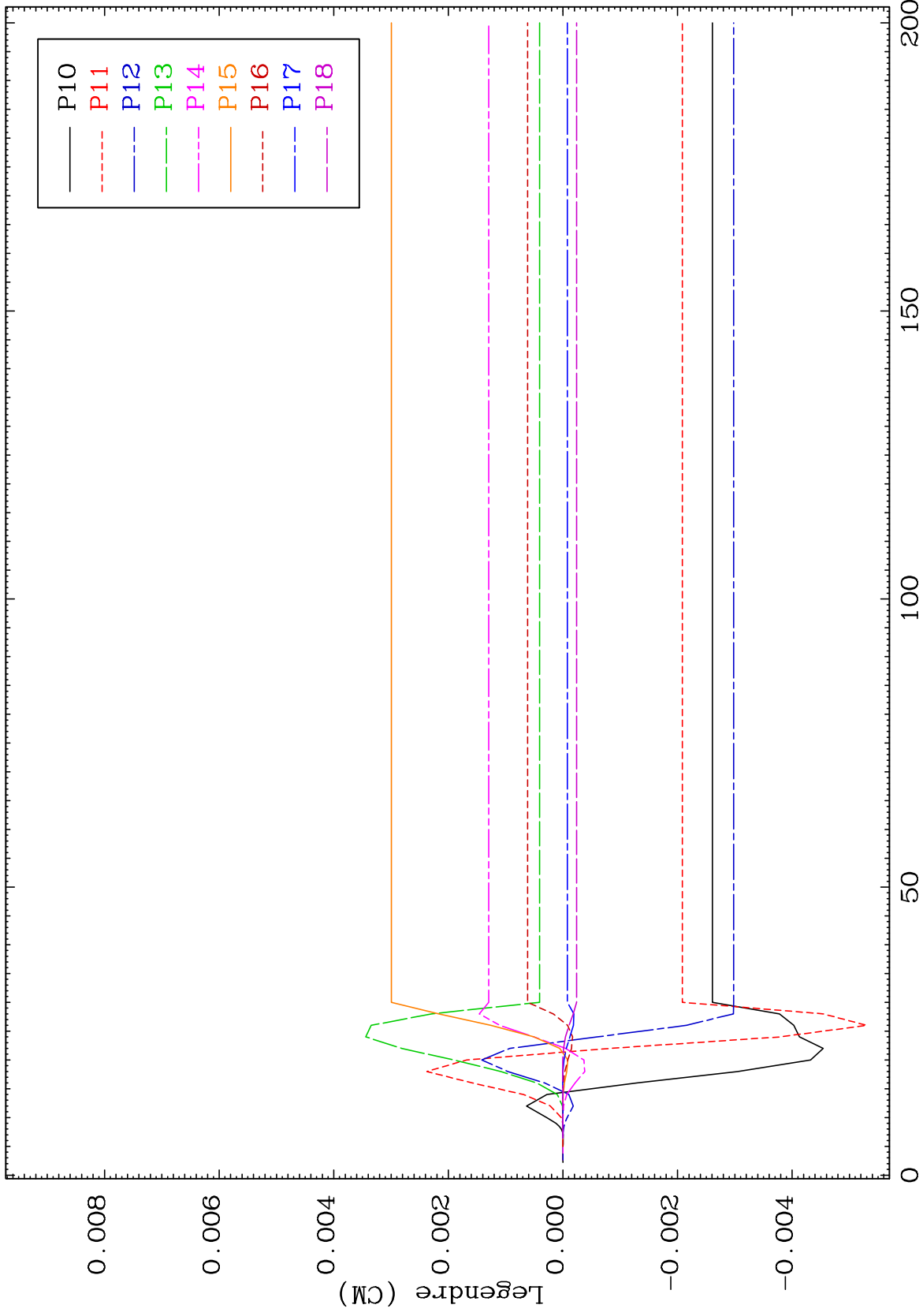
Incident Energy (MeV)

53-I -111

MAT 5277

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

53-I -111



42

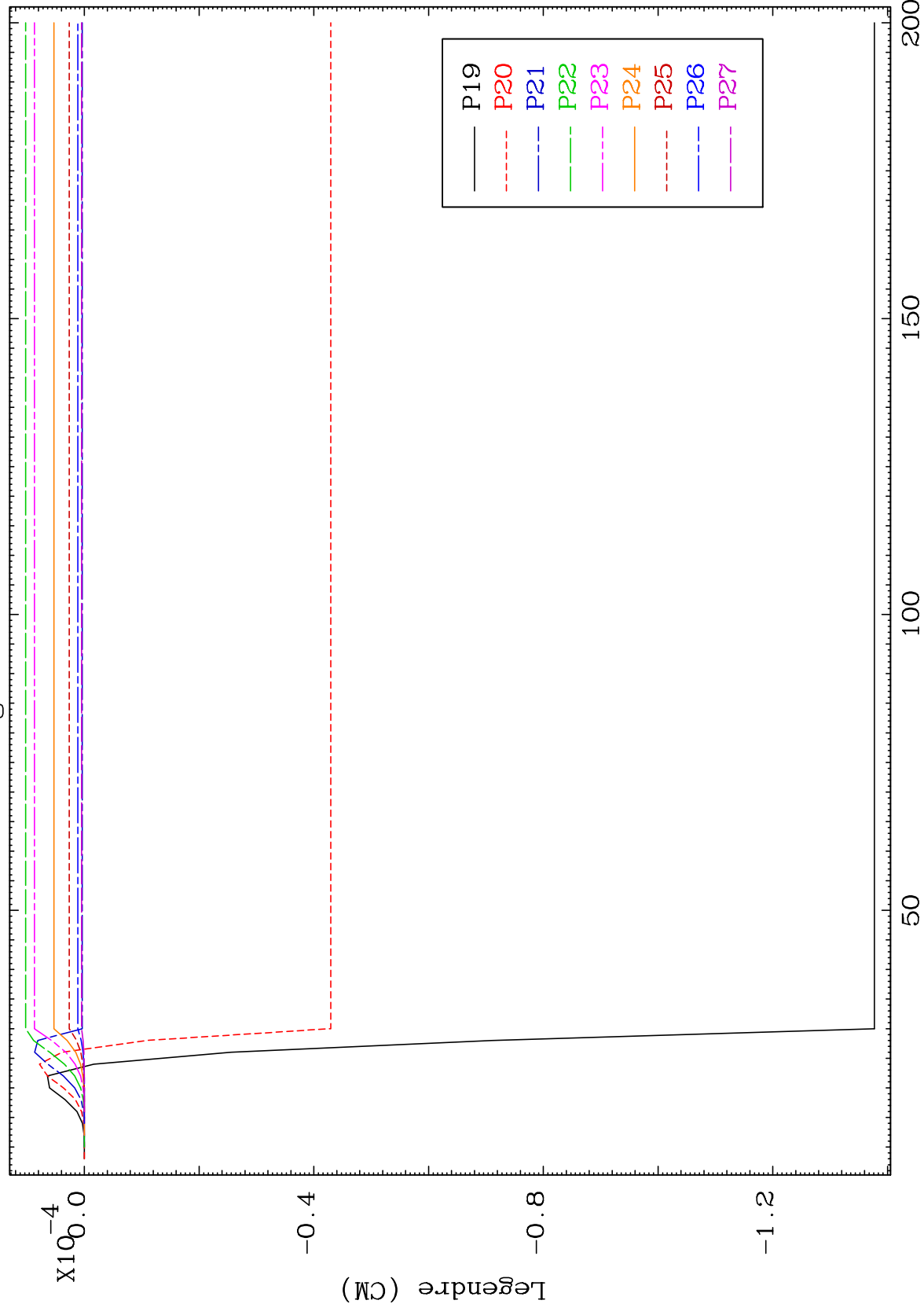
Incident Energy (MeV)

53-I -111

MAT 5277

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

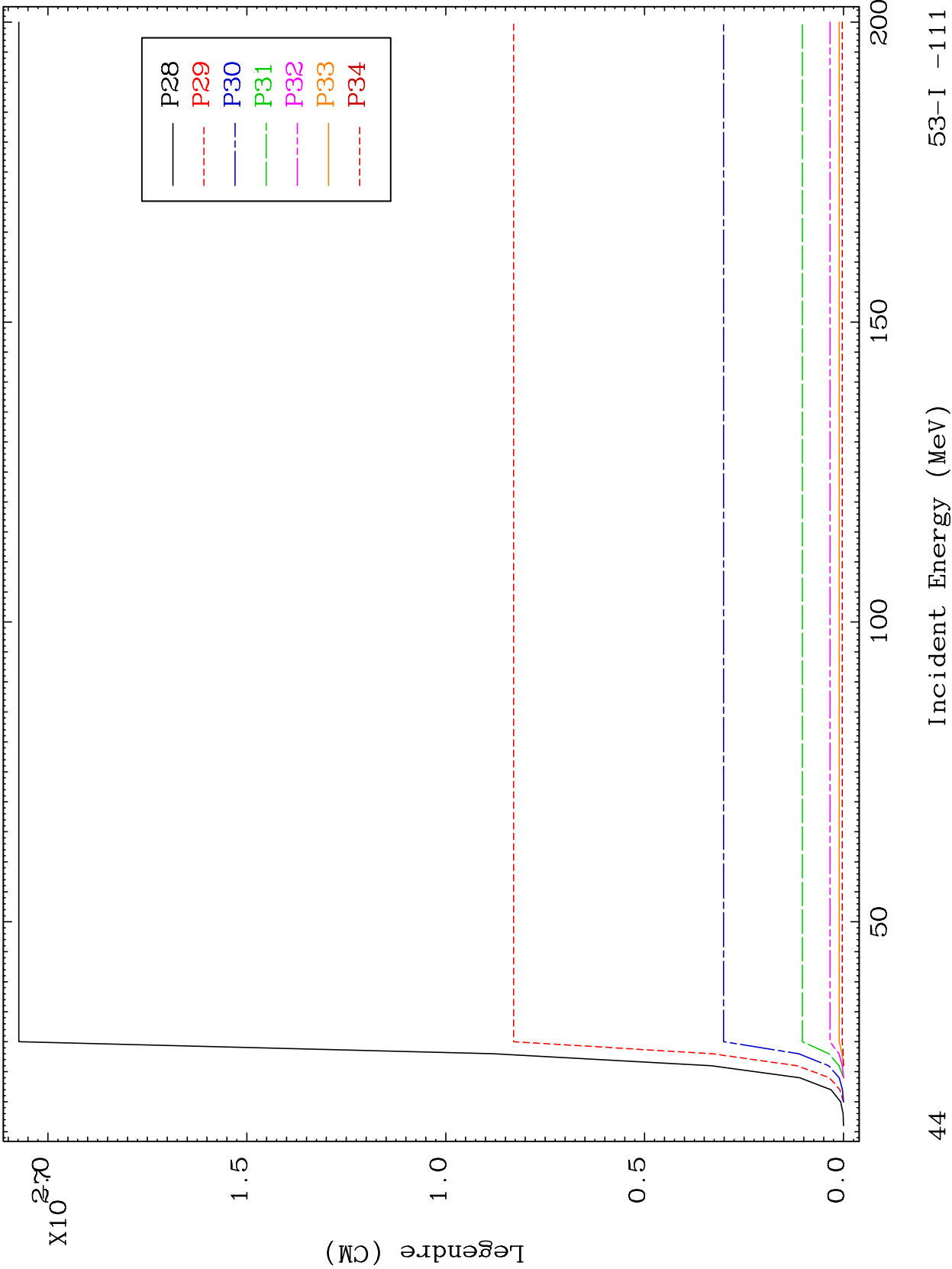
53-I -111



43

Incident Energy (MeV)

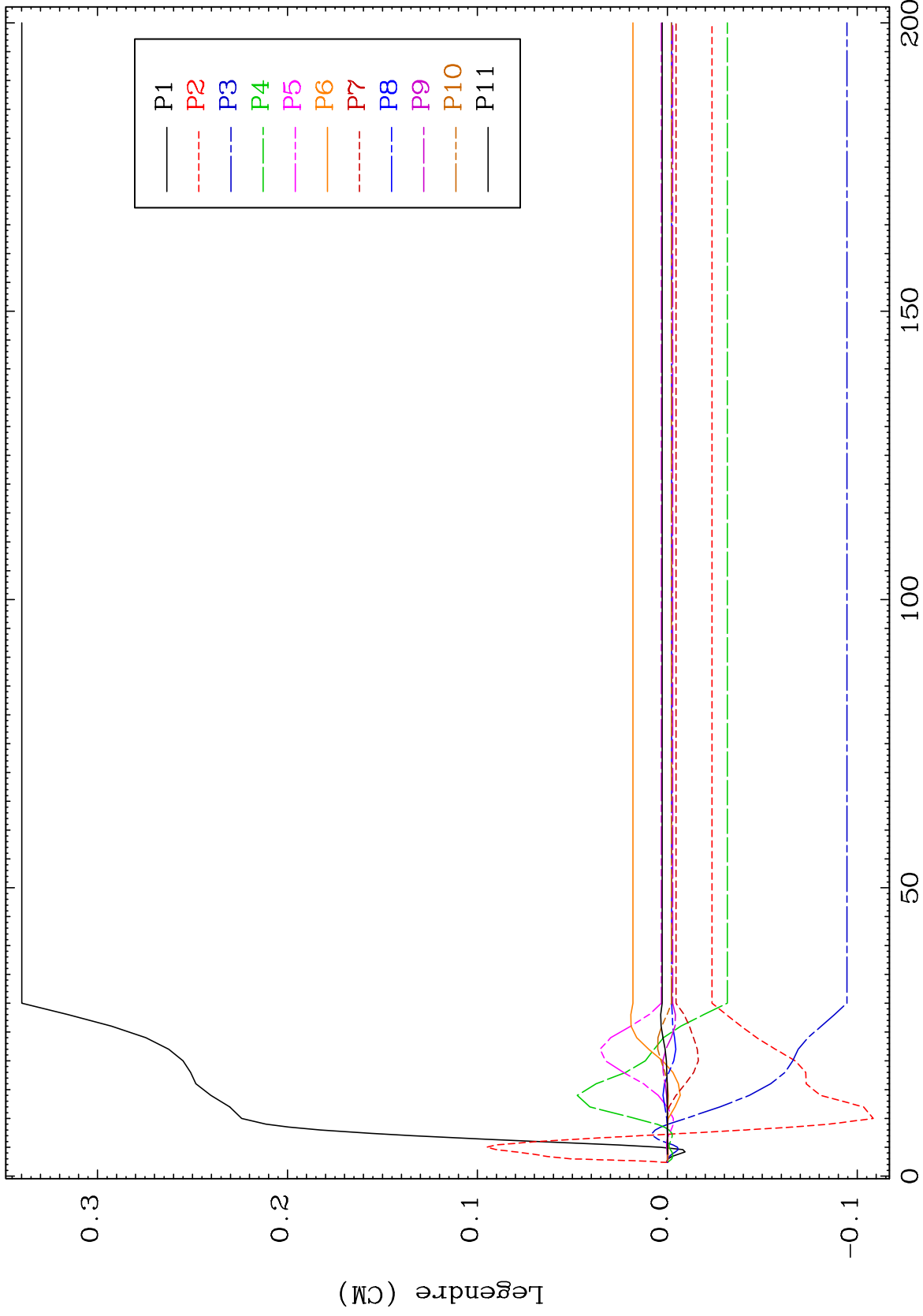
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MAT 5277

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

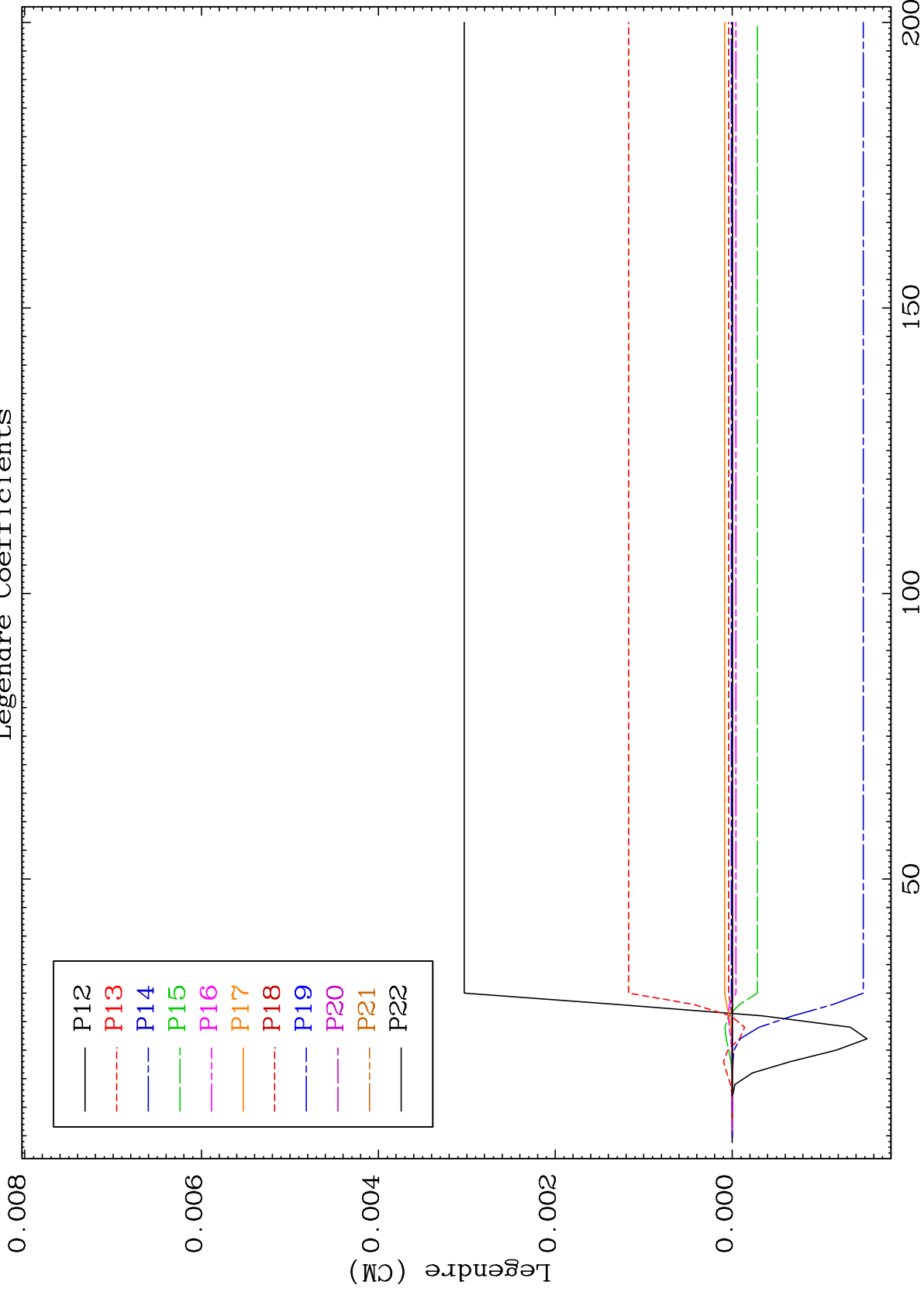
53-I -111



45

Incident Energy (MeV)

53-I -111

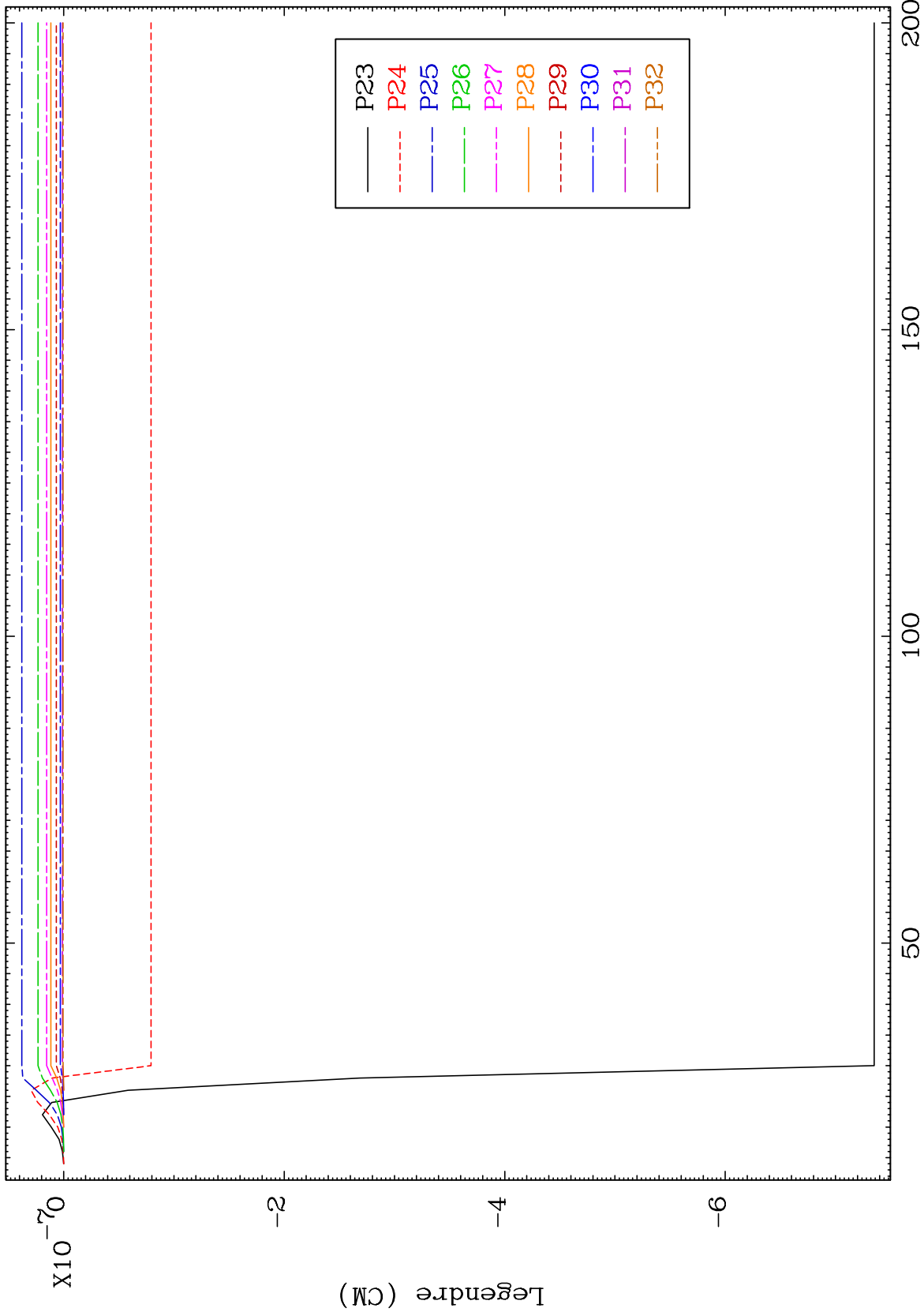


MAT 5277

MT= 57 (n,n') Level

53-I -111

Legendre Coefficients



47

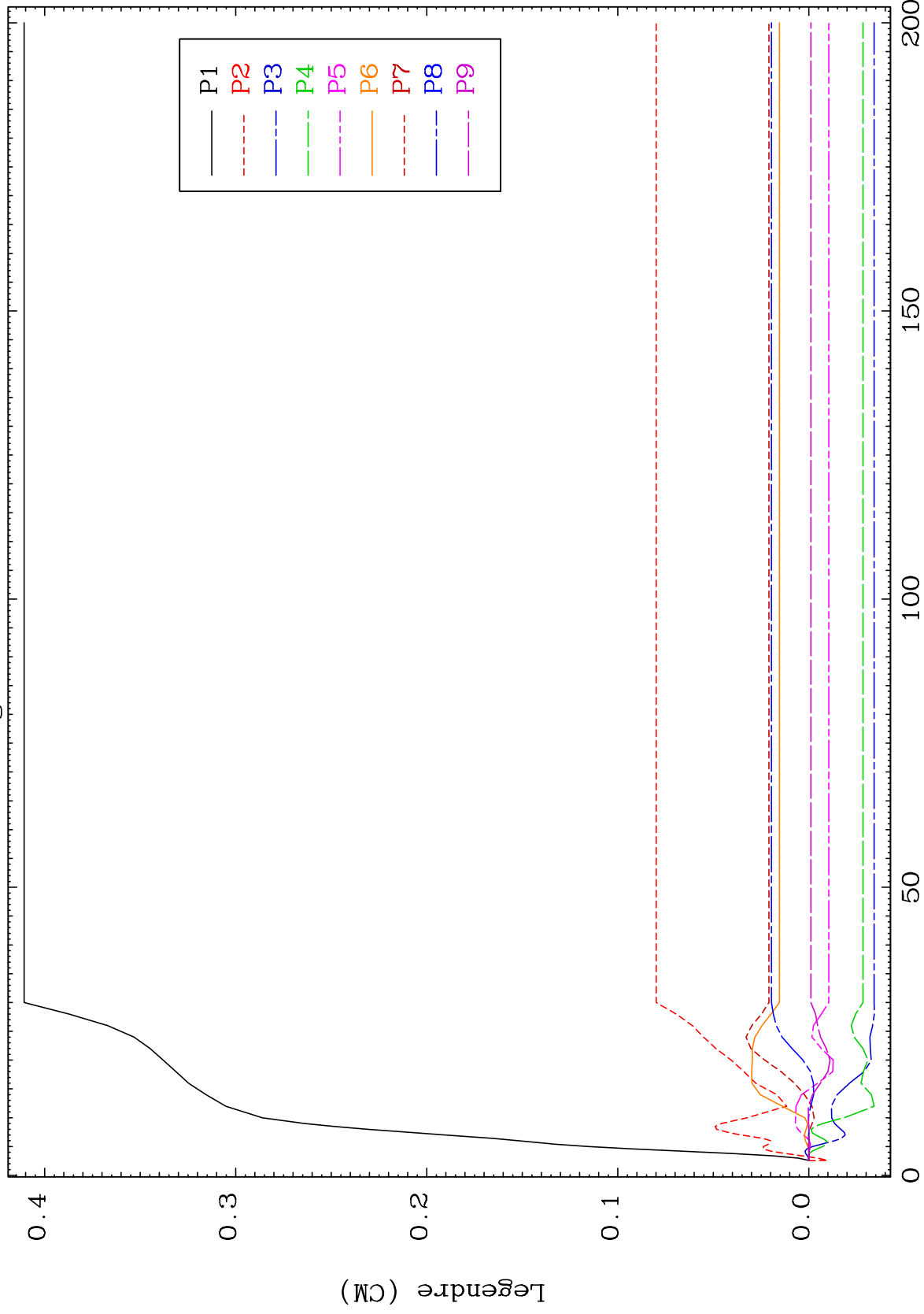
Incident Energy (MeV)

53-I -111

MAT 5277

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

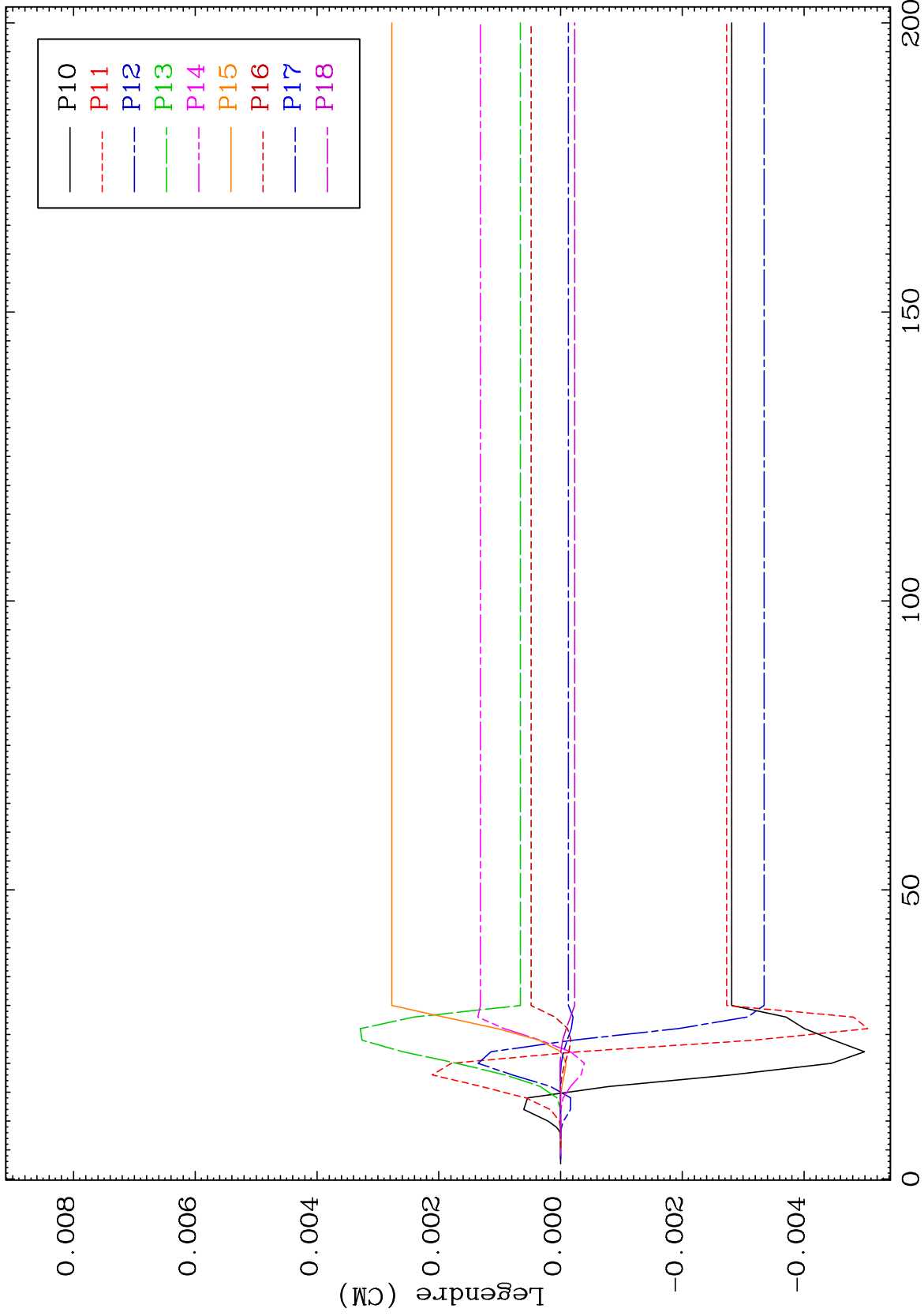
53-I -111



48

Incident Energy (MeV)

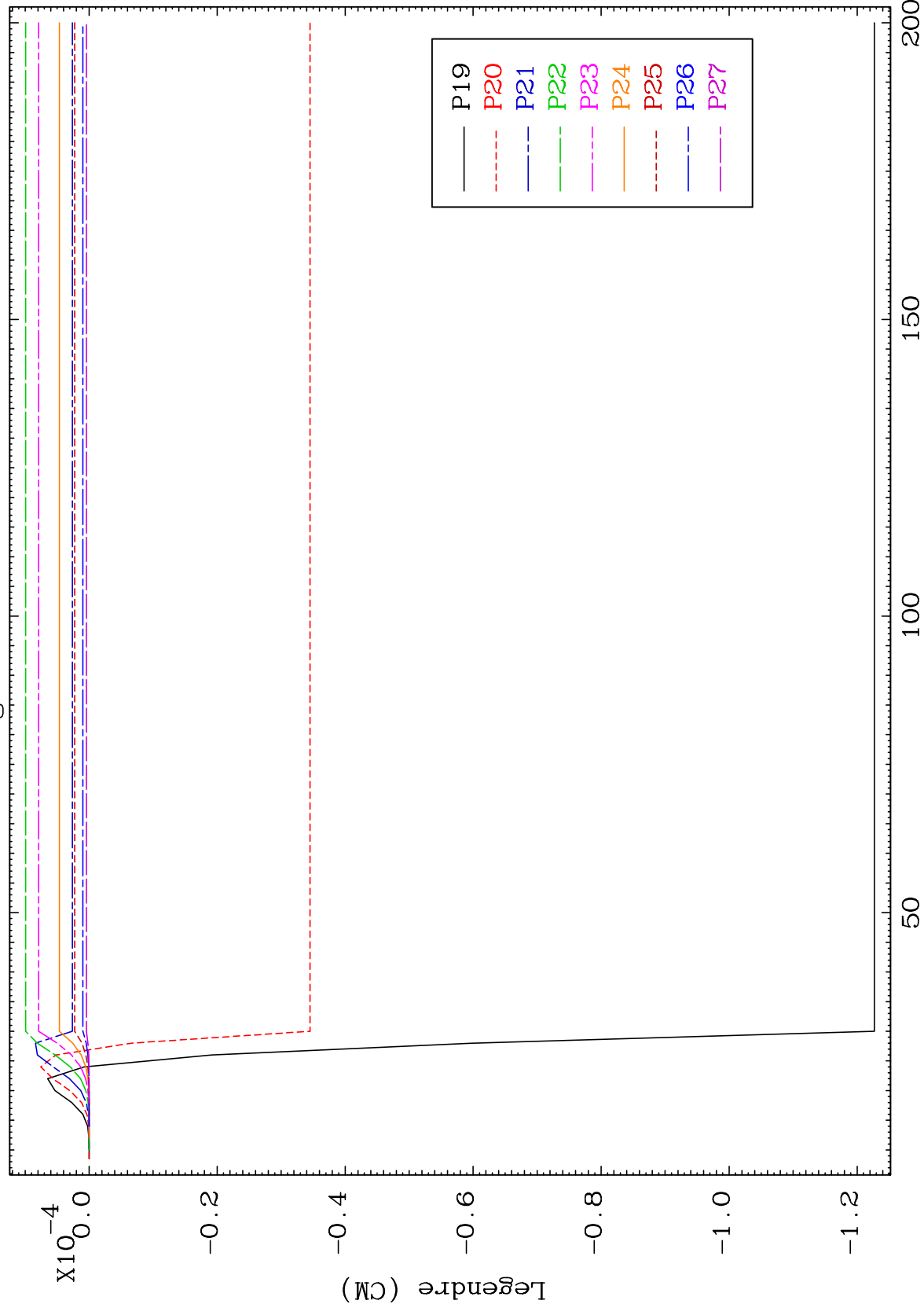
53-I -111



MAT 5277

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

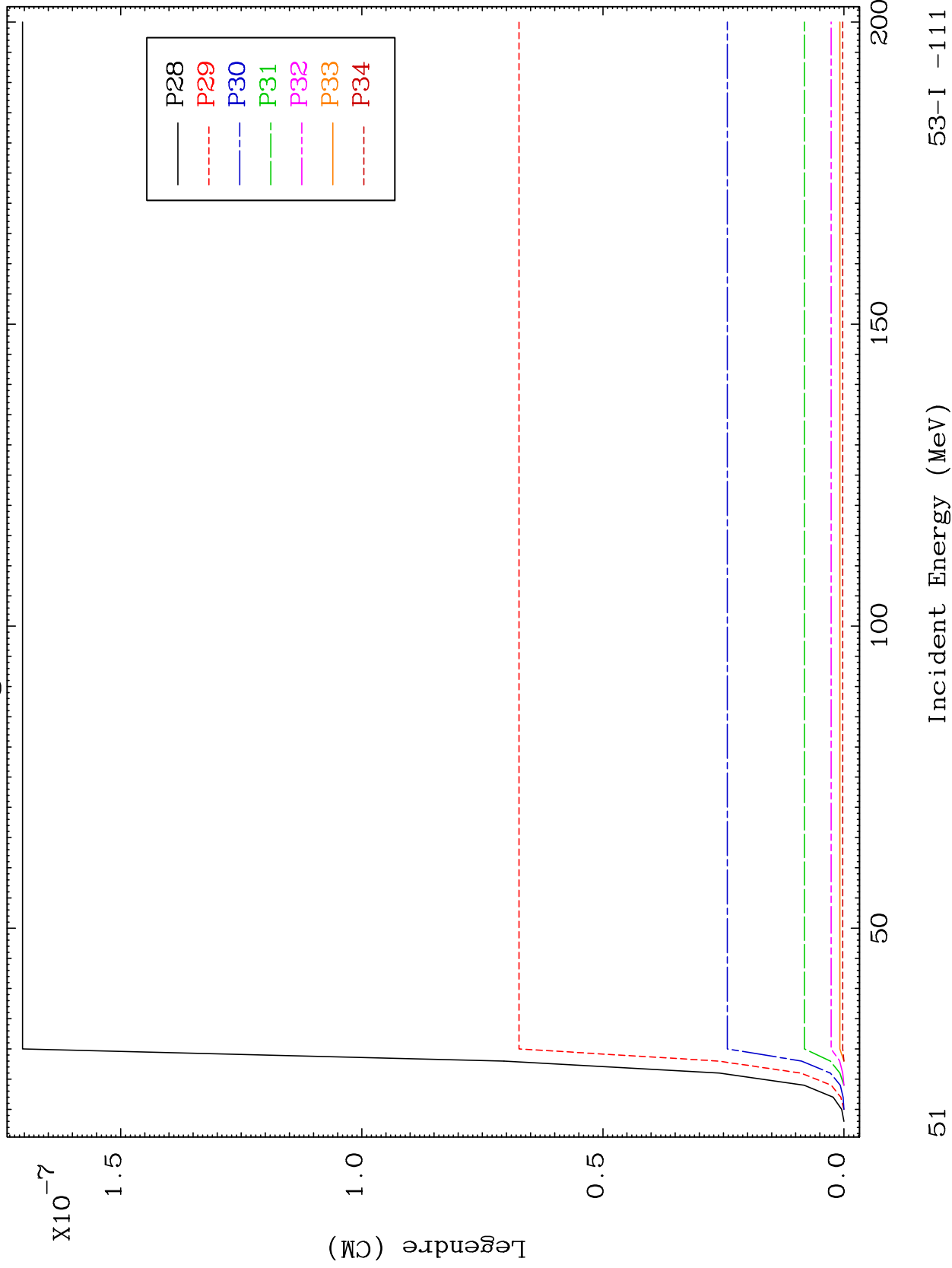
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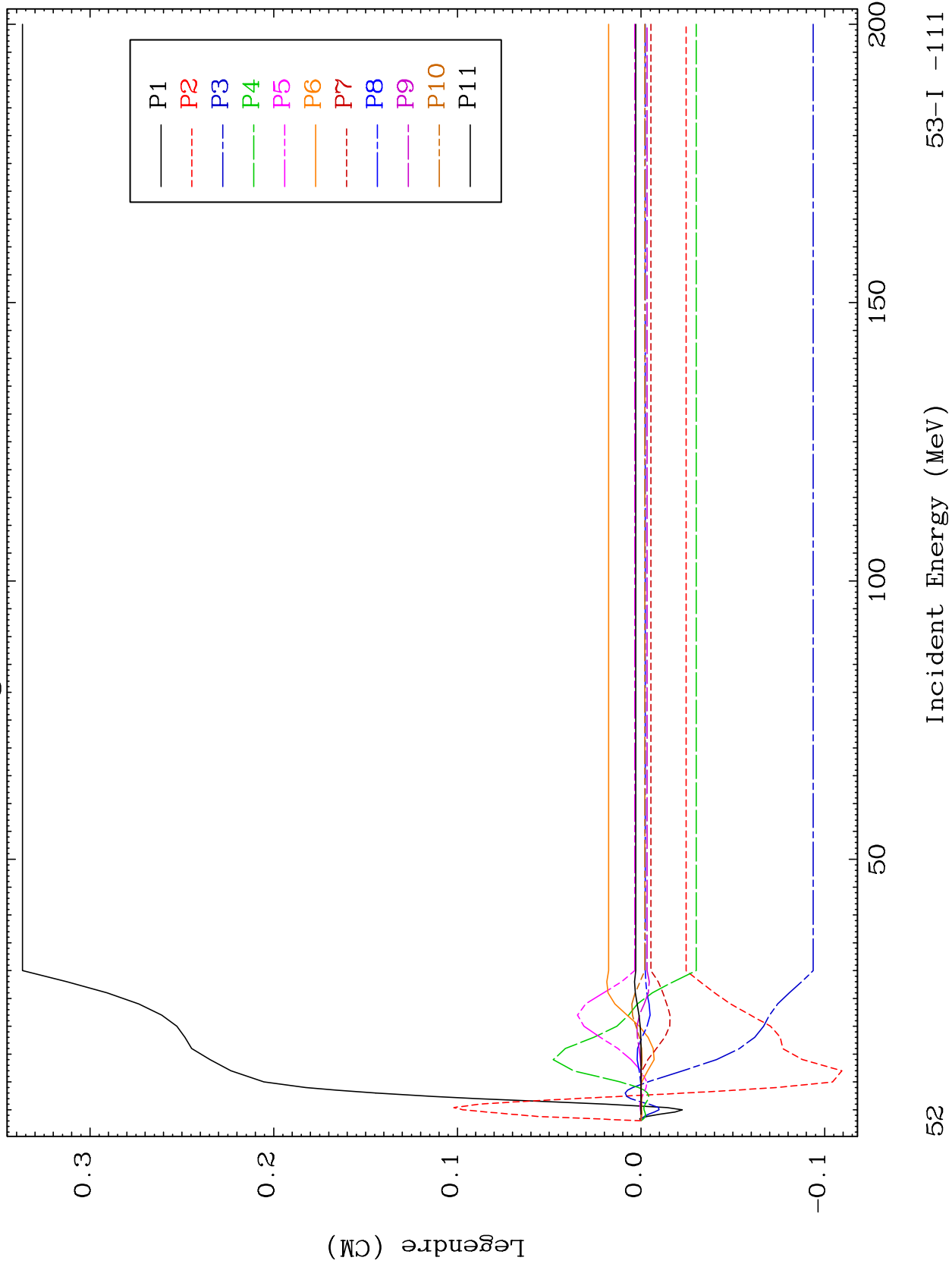


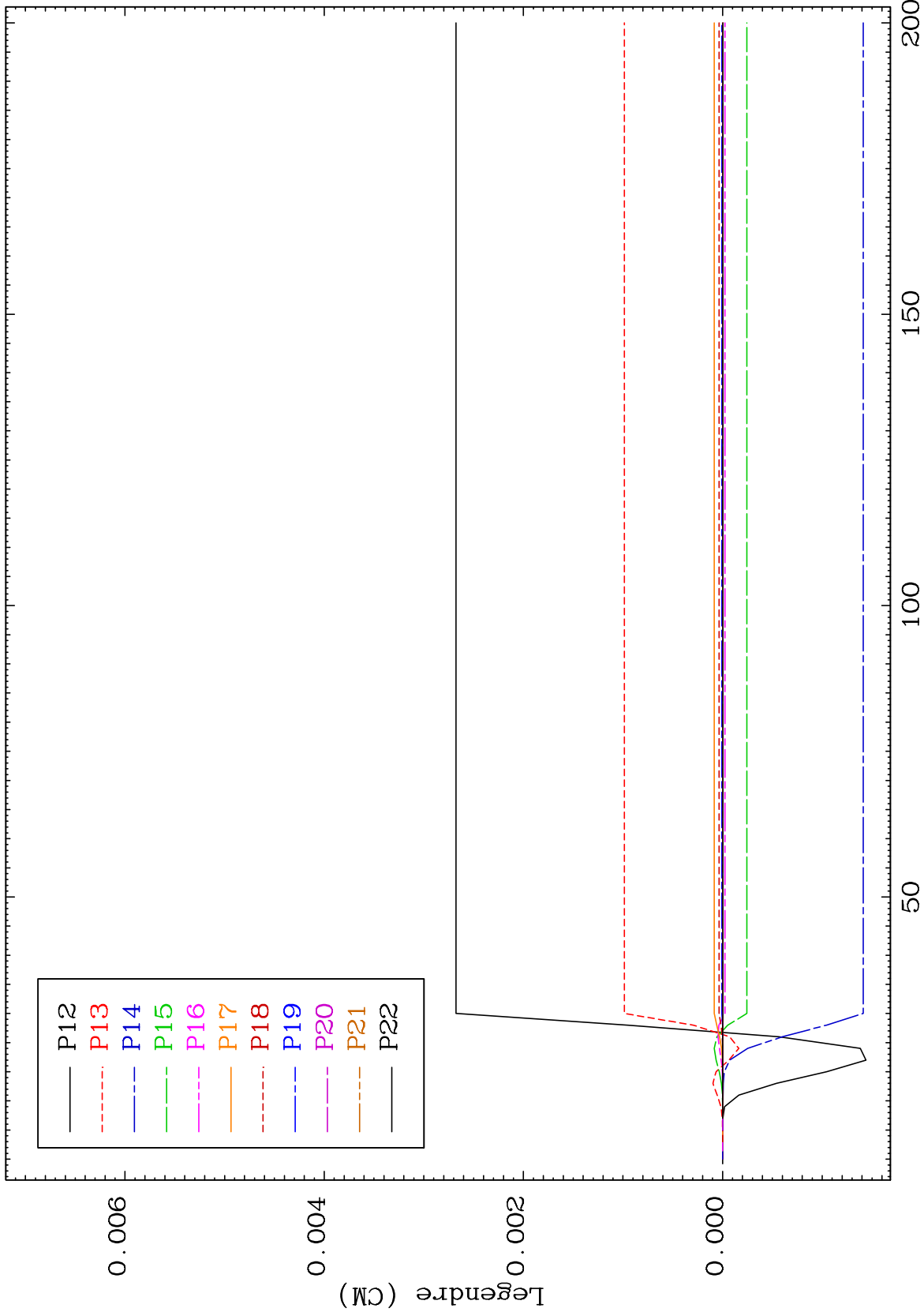
50

Incident Energy (MeV)

53-I -111



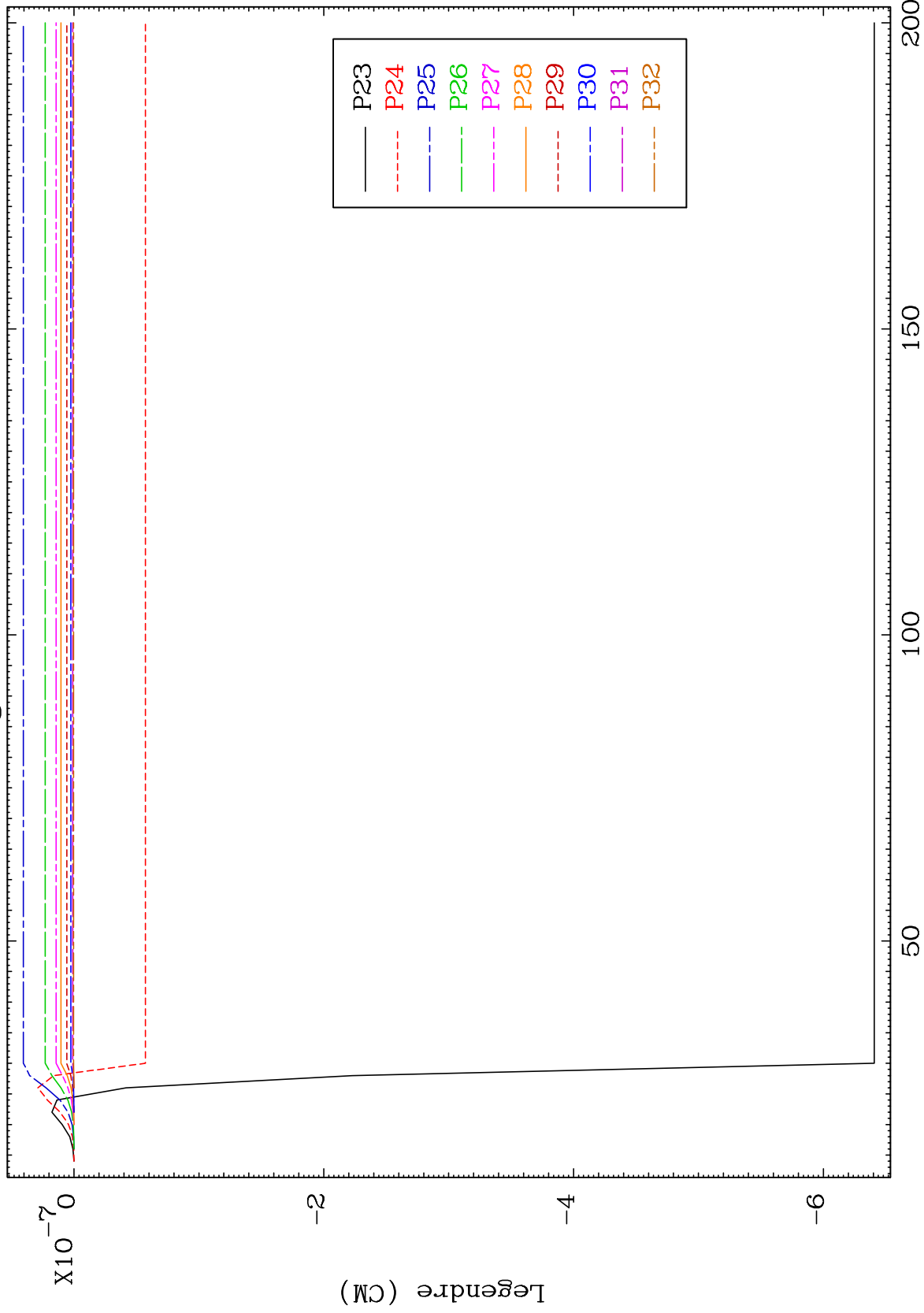




MAT 5277

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

53-I -111



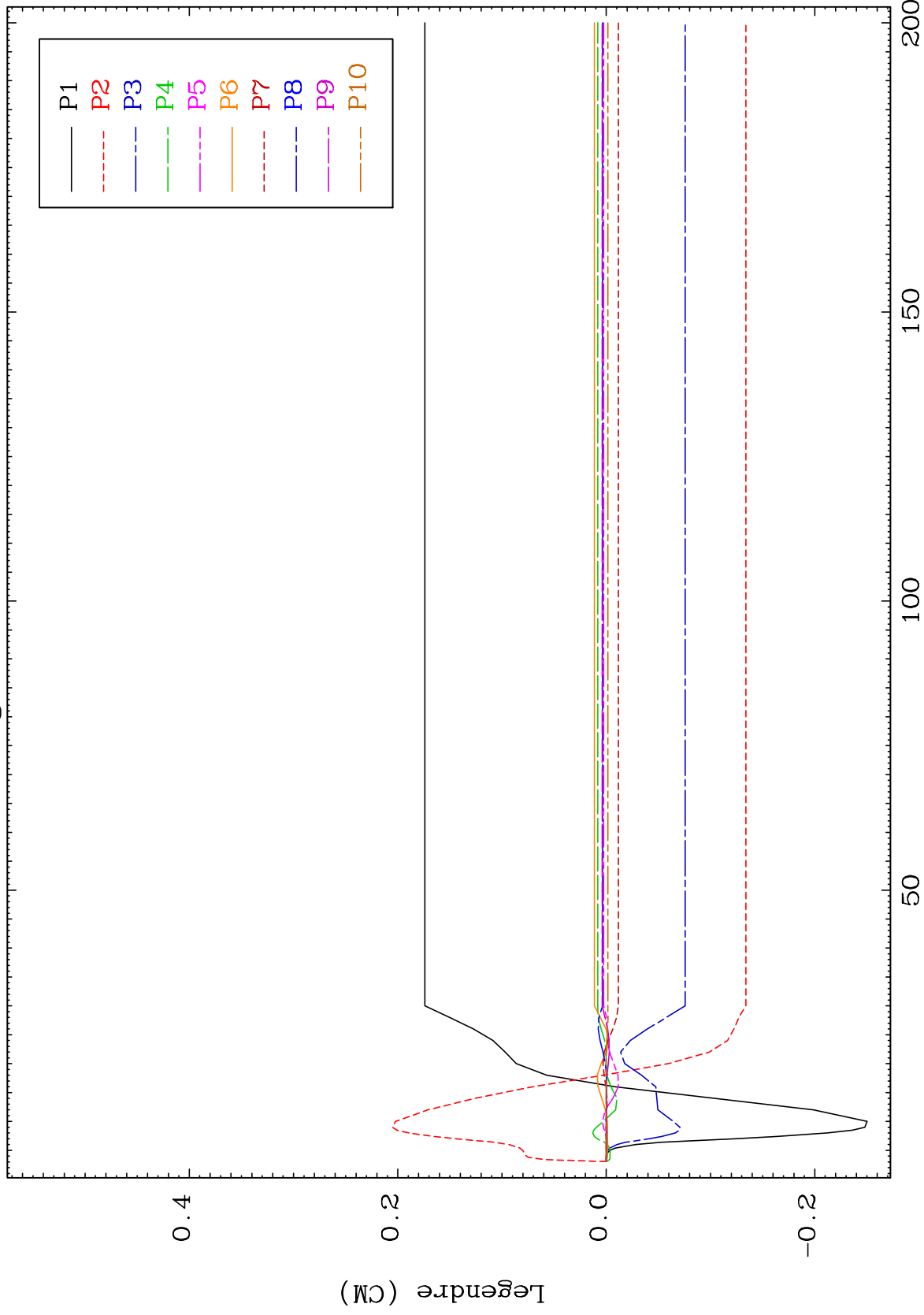
54

53-I -111

MAT 5277

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

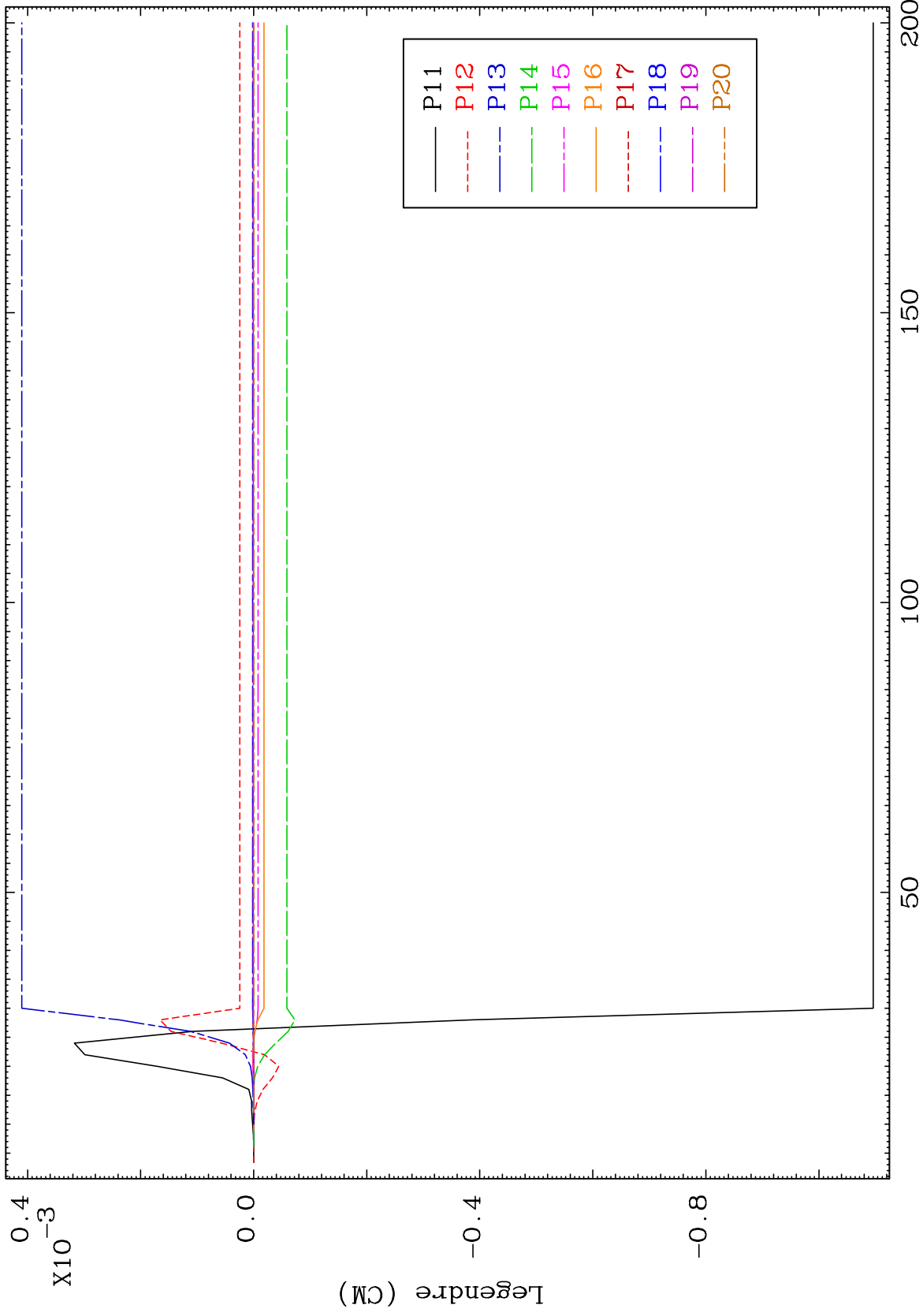
53-I -111



55

Incident Energy (MeV)

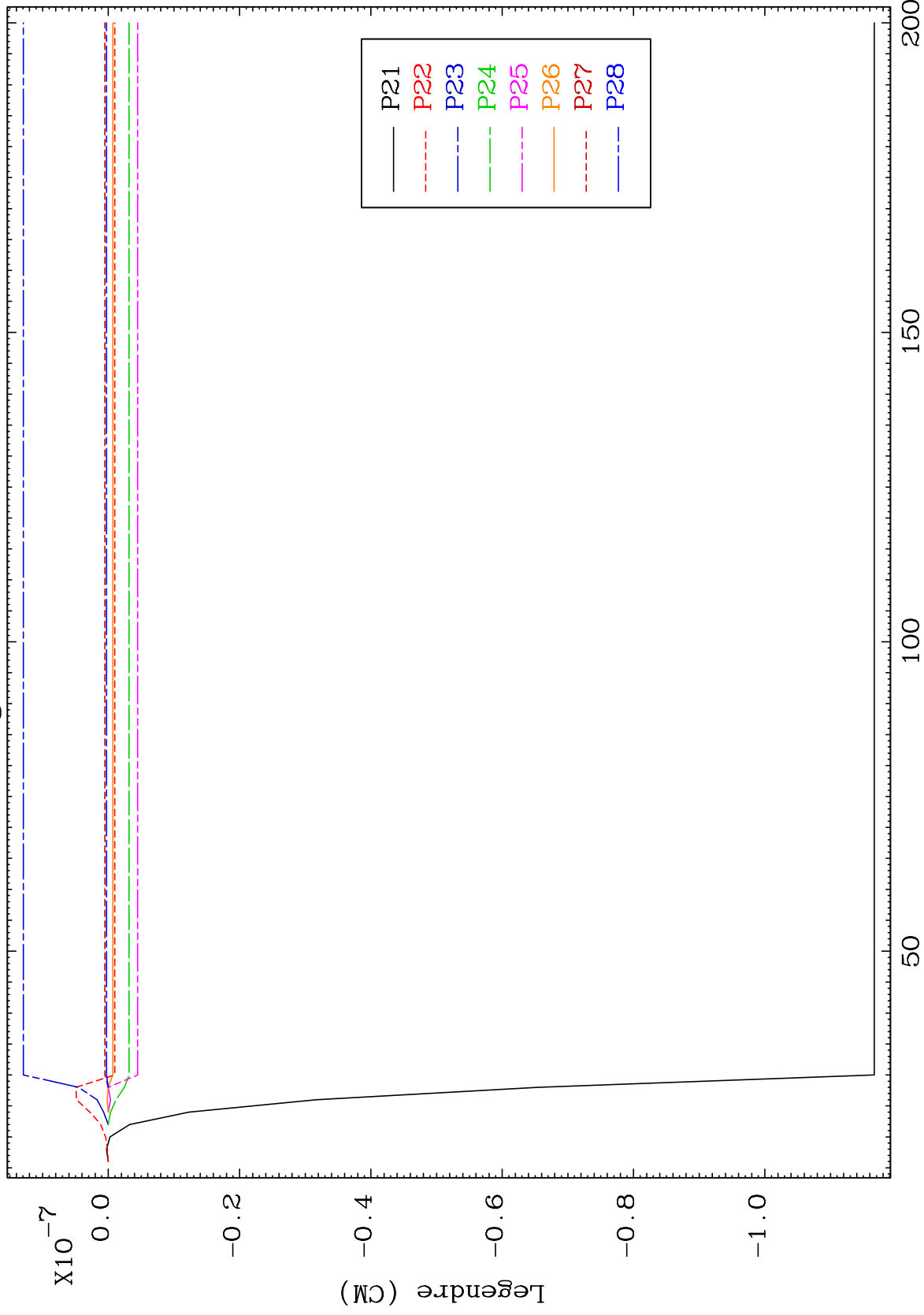
53-I -111



MAT 5277

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

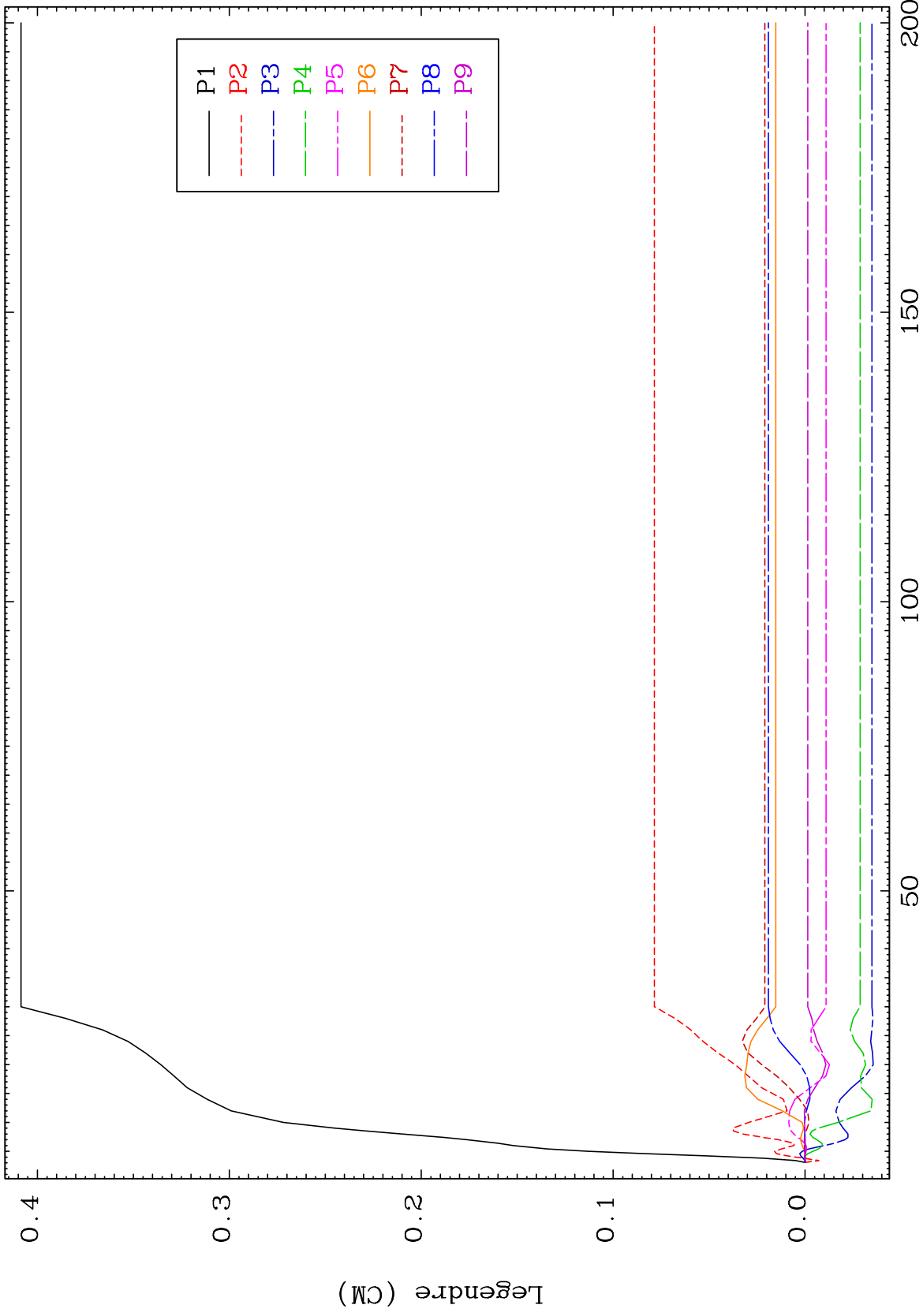
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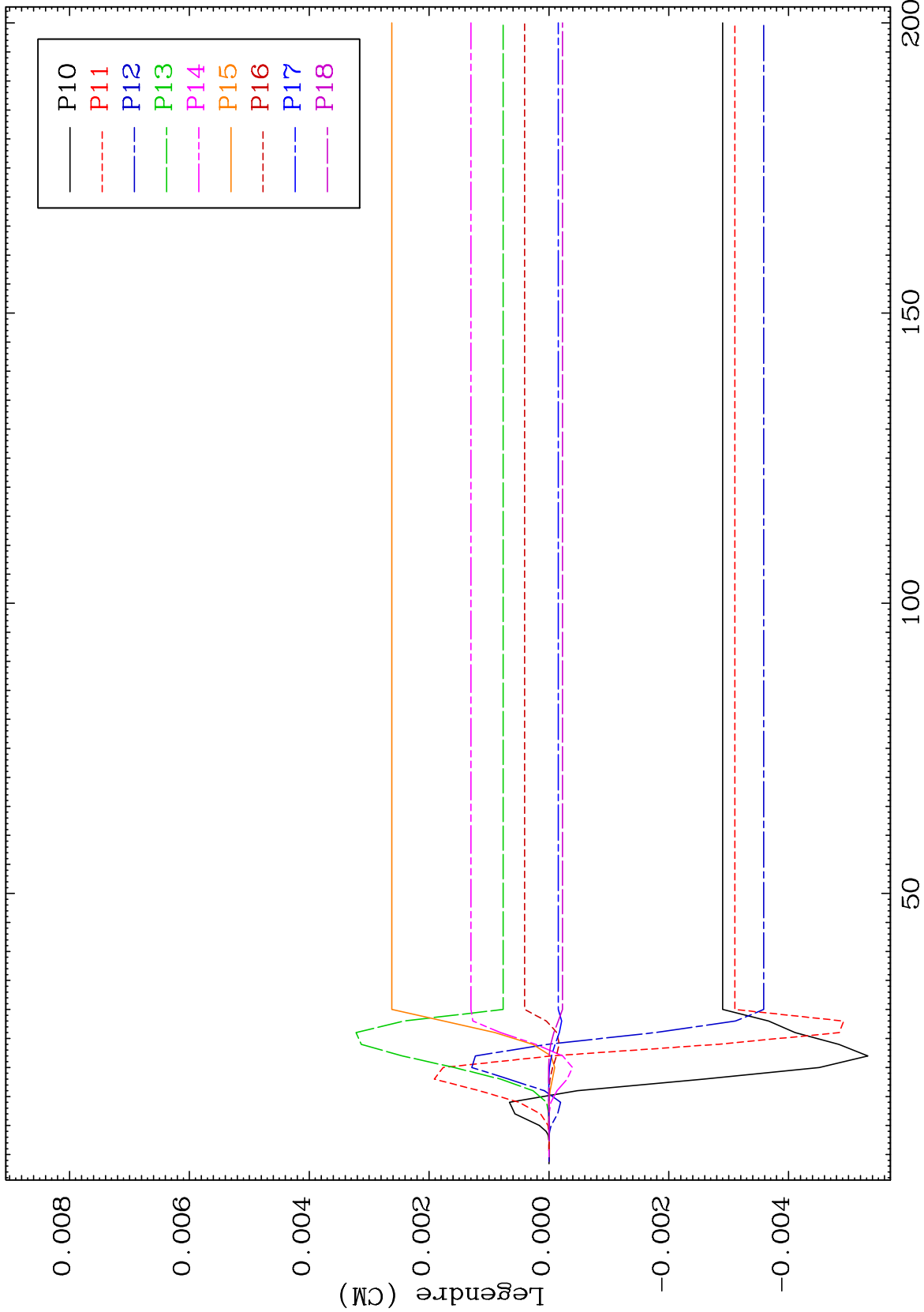


57

Incident Energy (MeV)

53-I -111



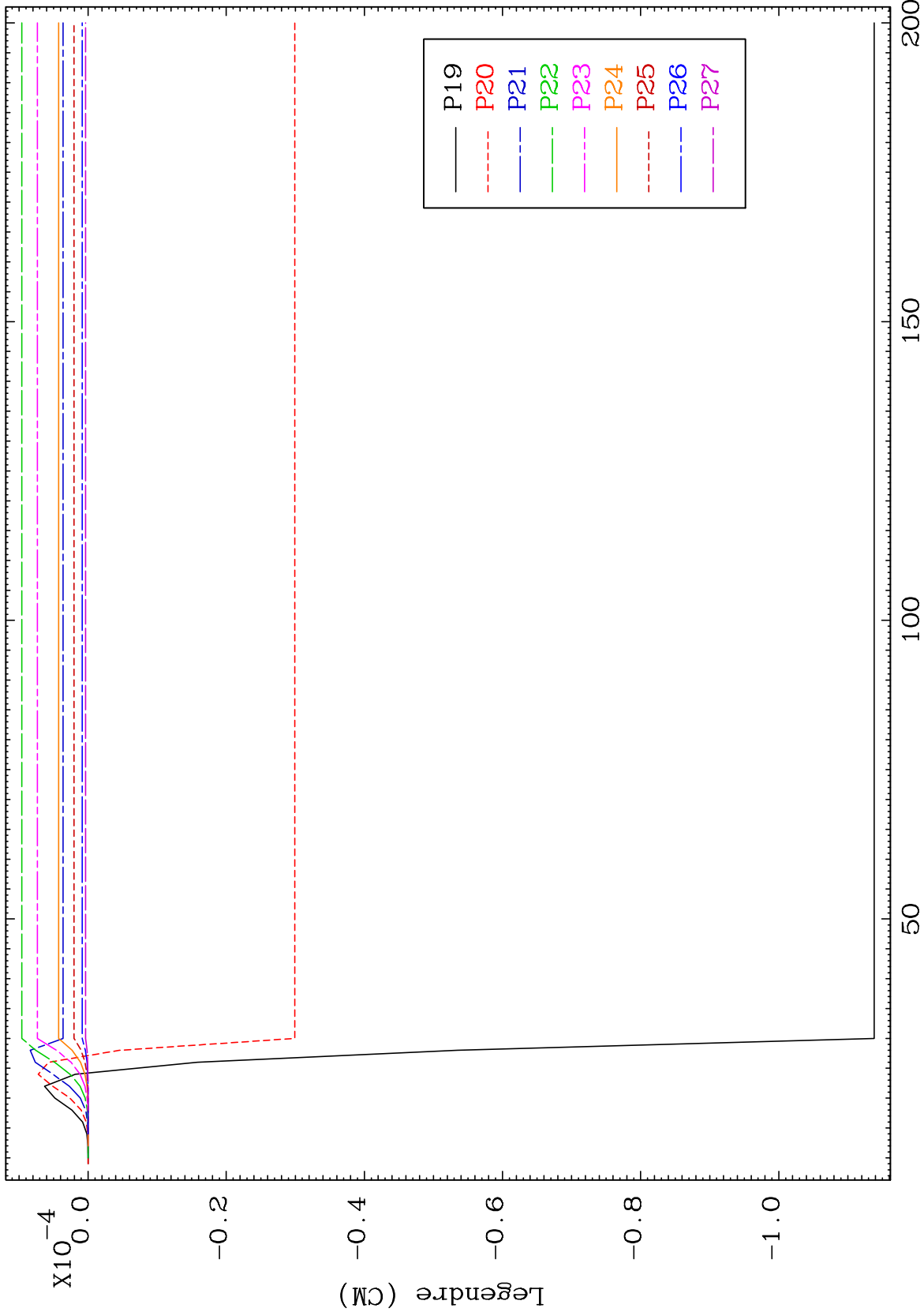


MAT 5277

MT= 61 (n,n') Level

53-I -111

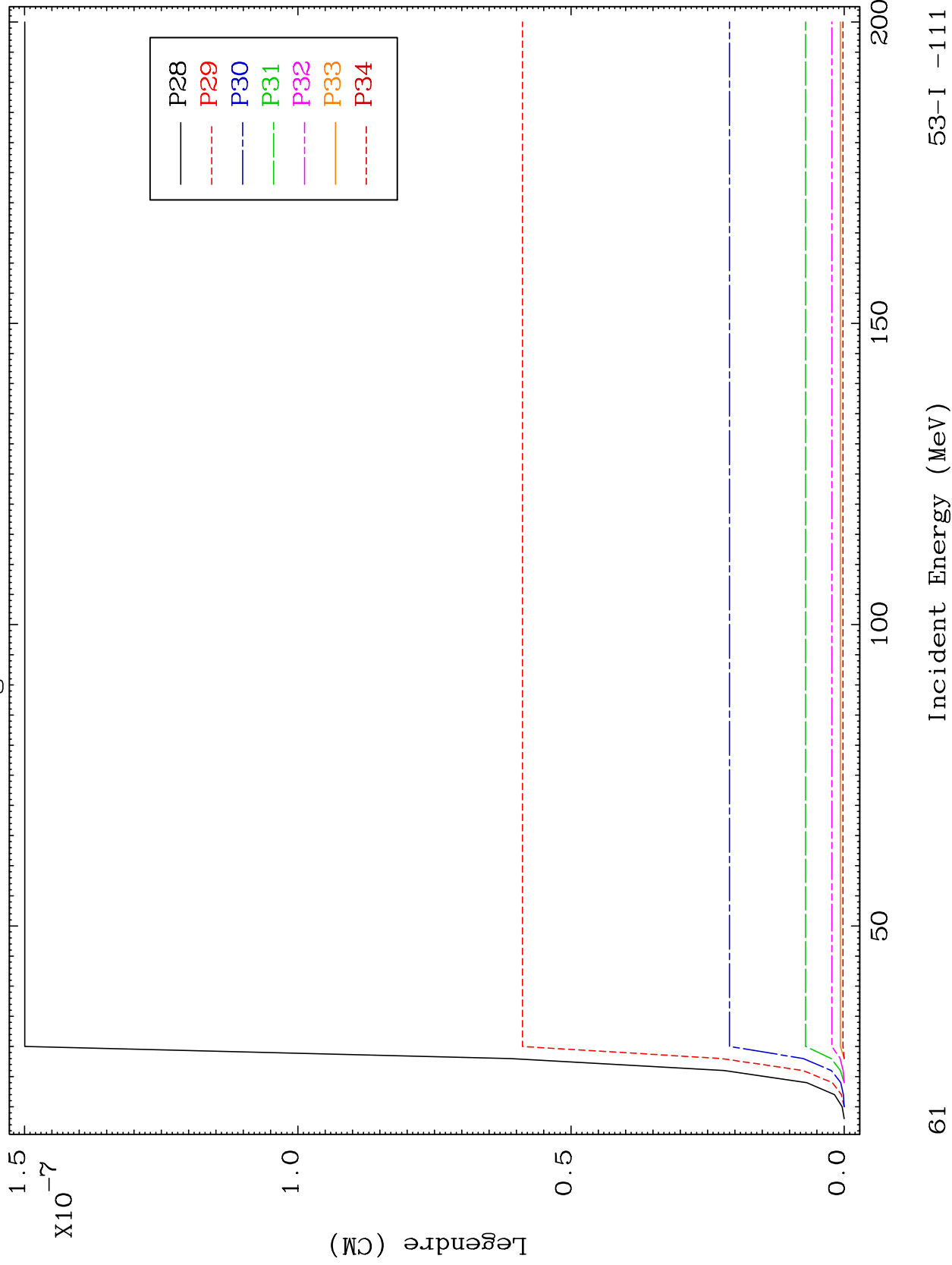
Legendre Coefficients



60

Incident Energy (MeV)

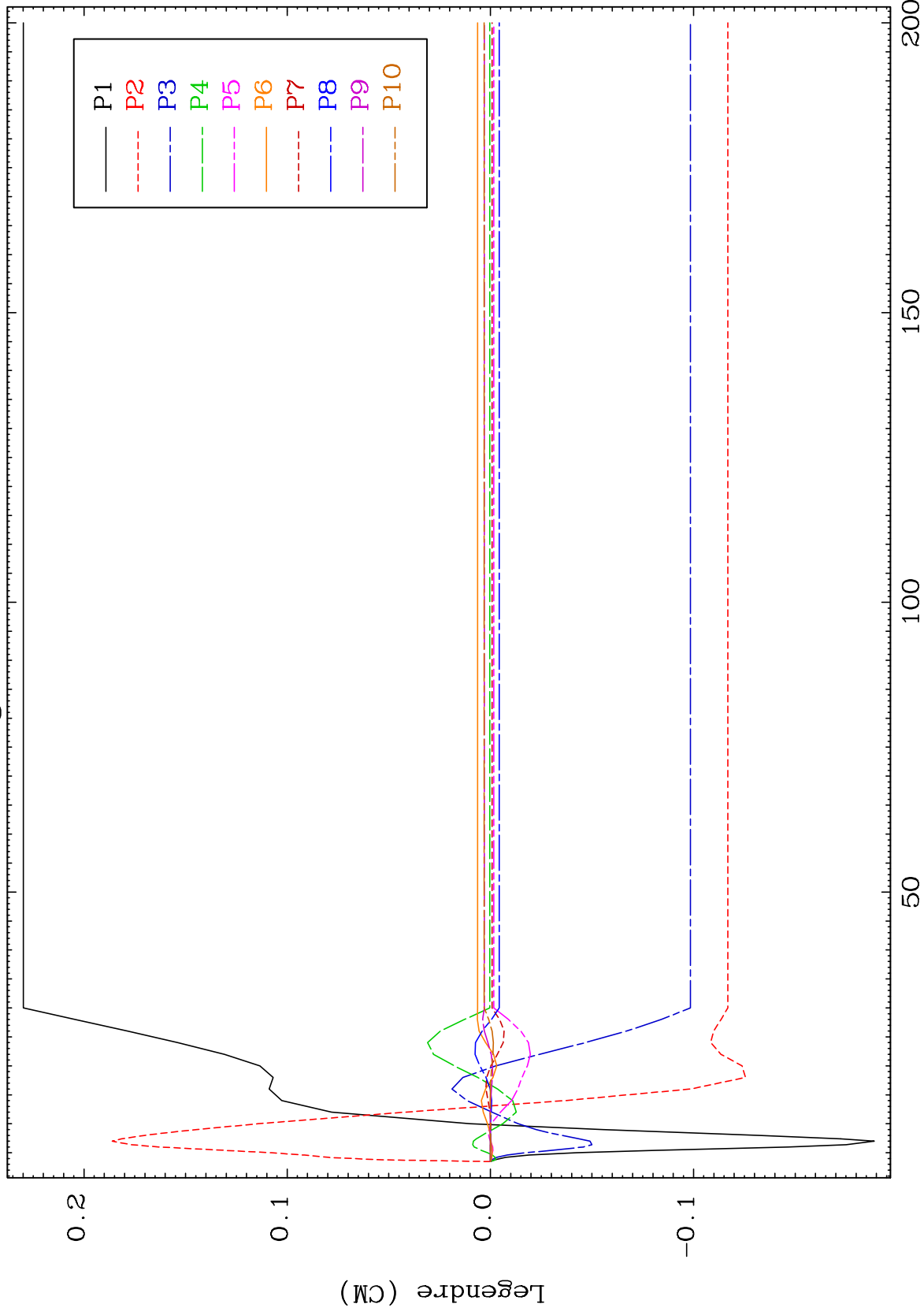
53-I -111



MAT 5277

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

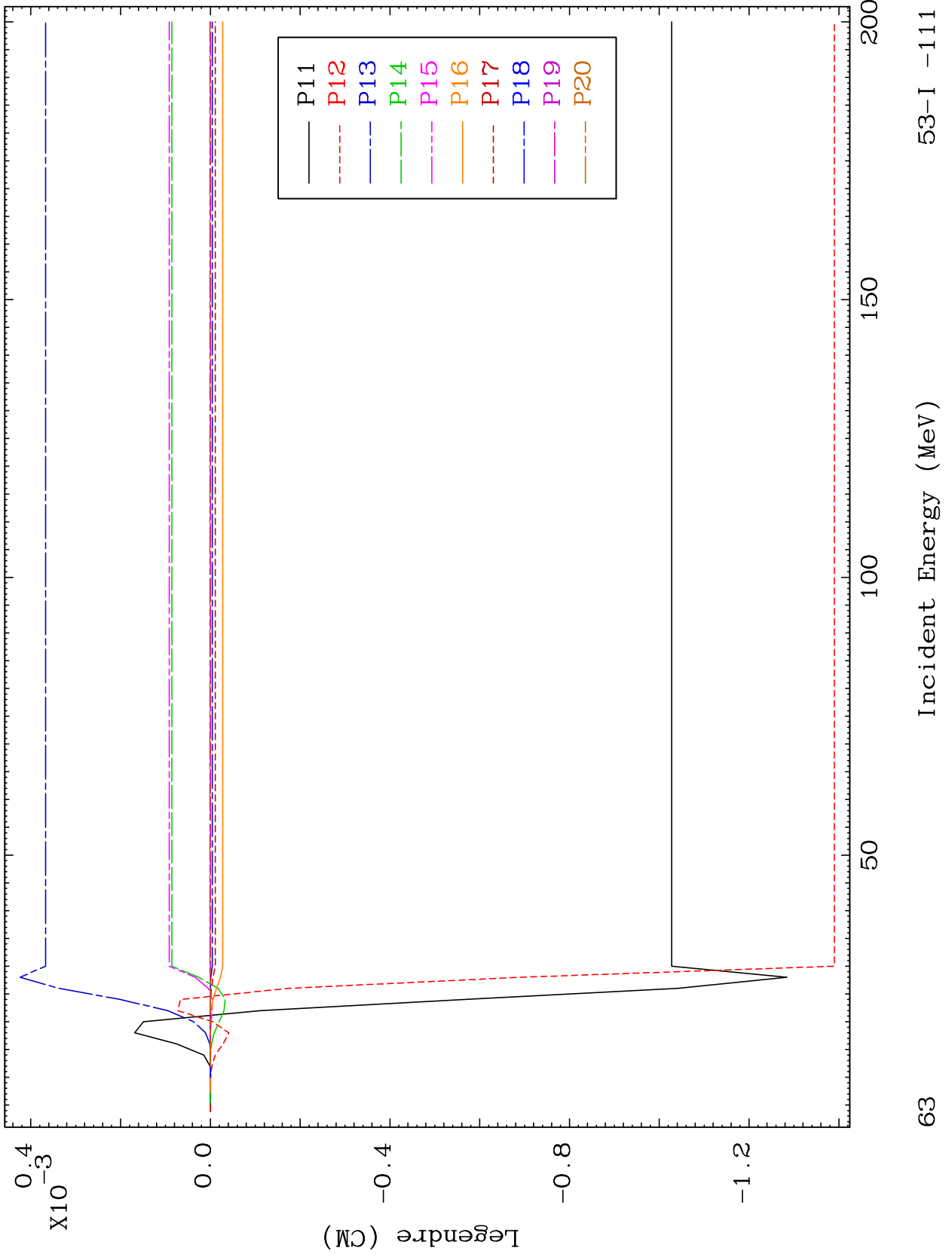
53-I -111

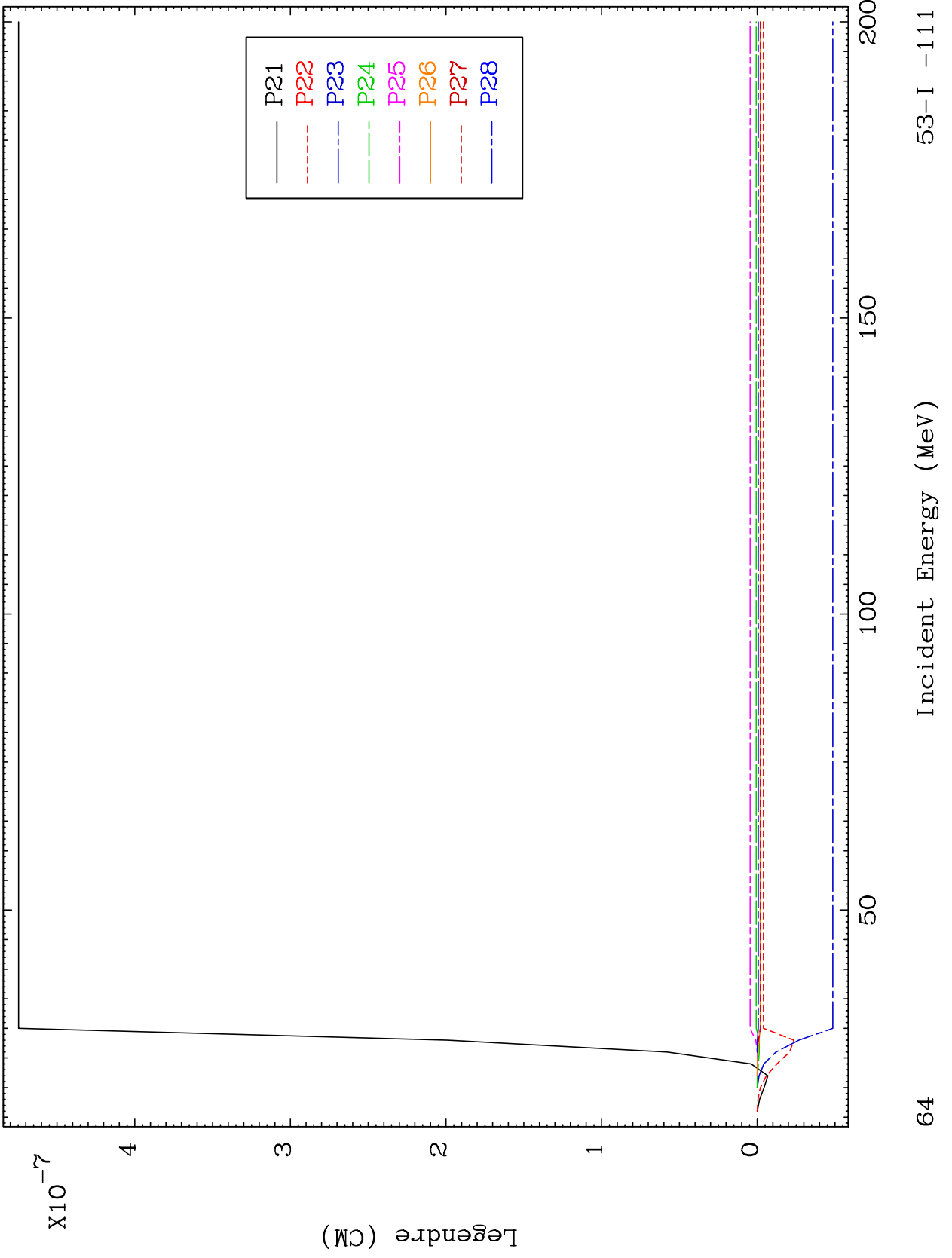


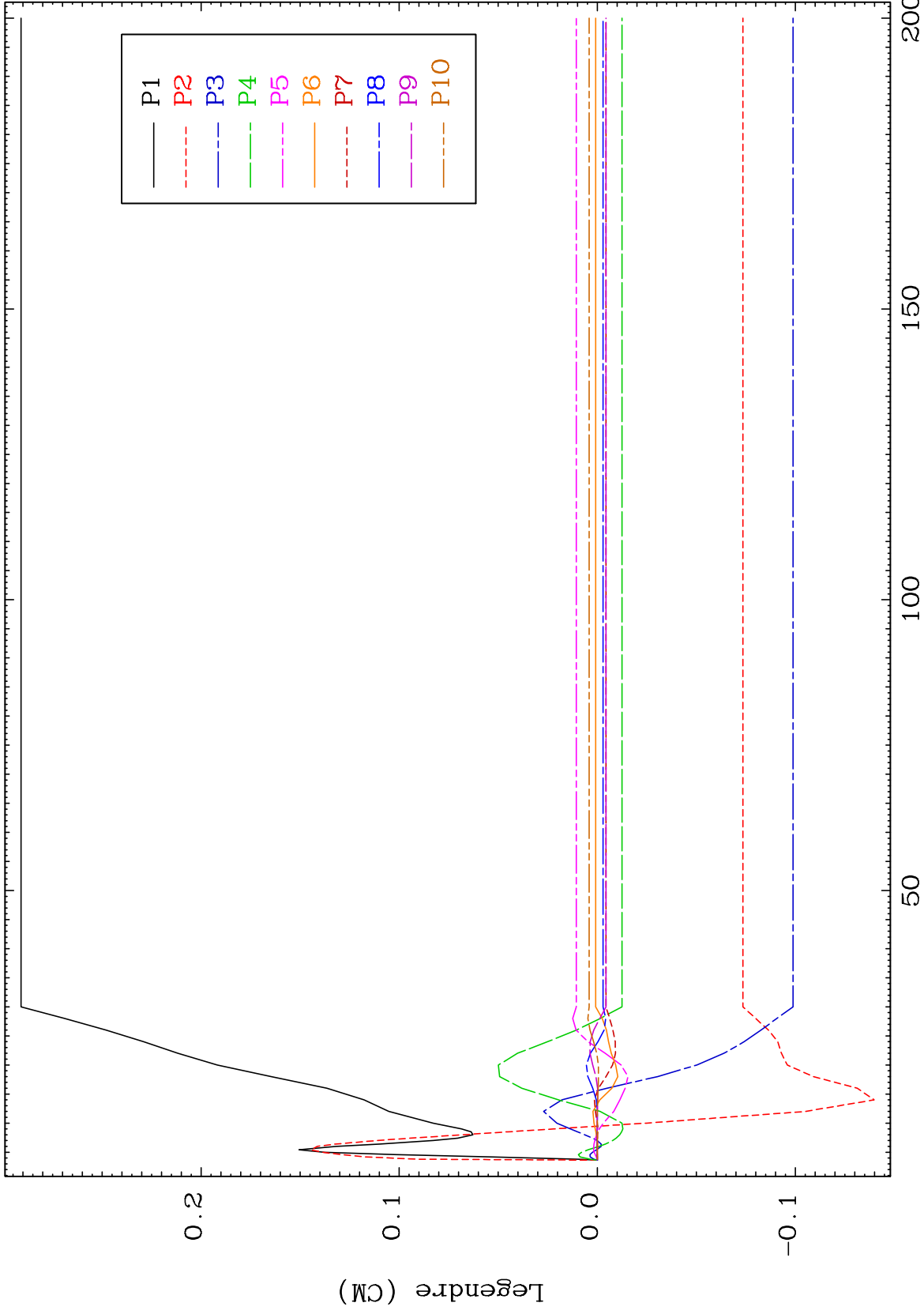
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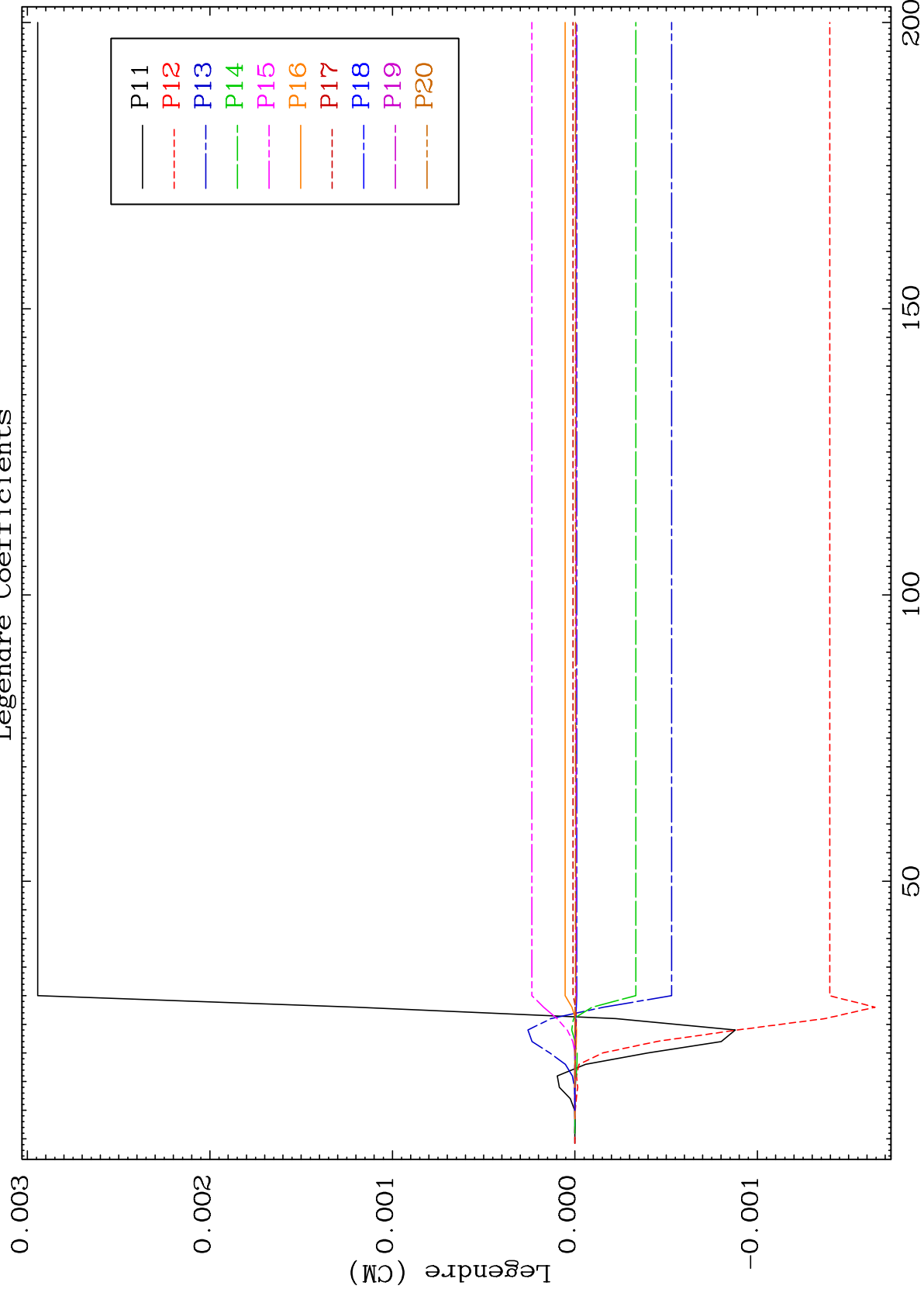
Incident Energy (MeV)

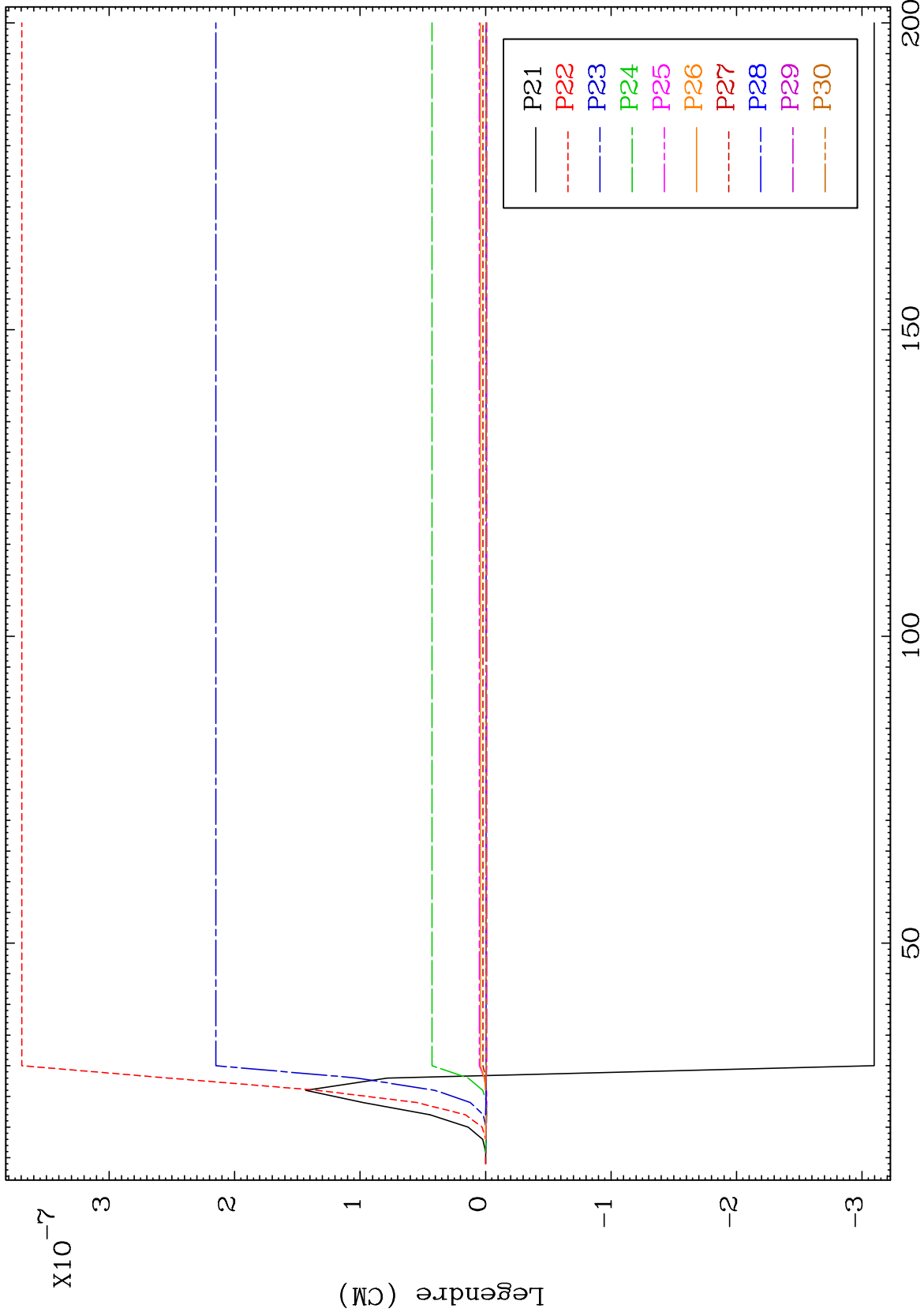
53-I -111

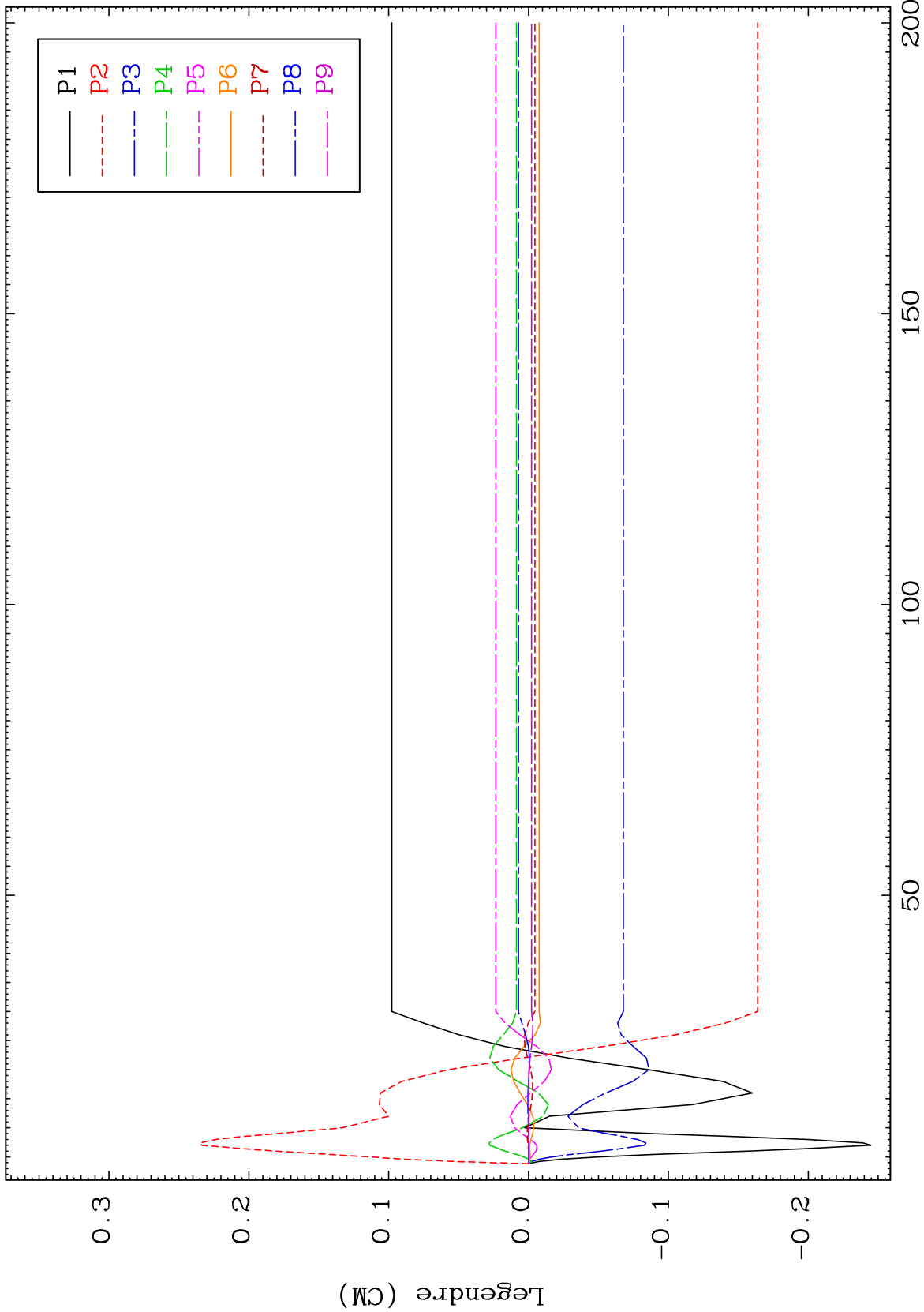


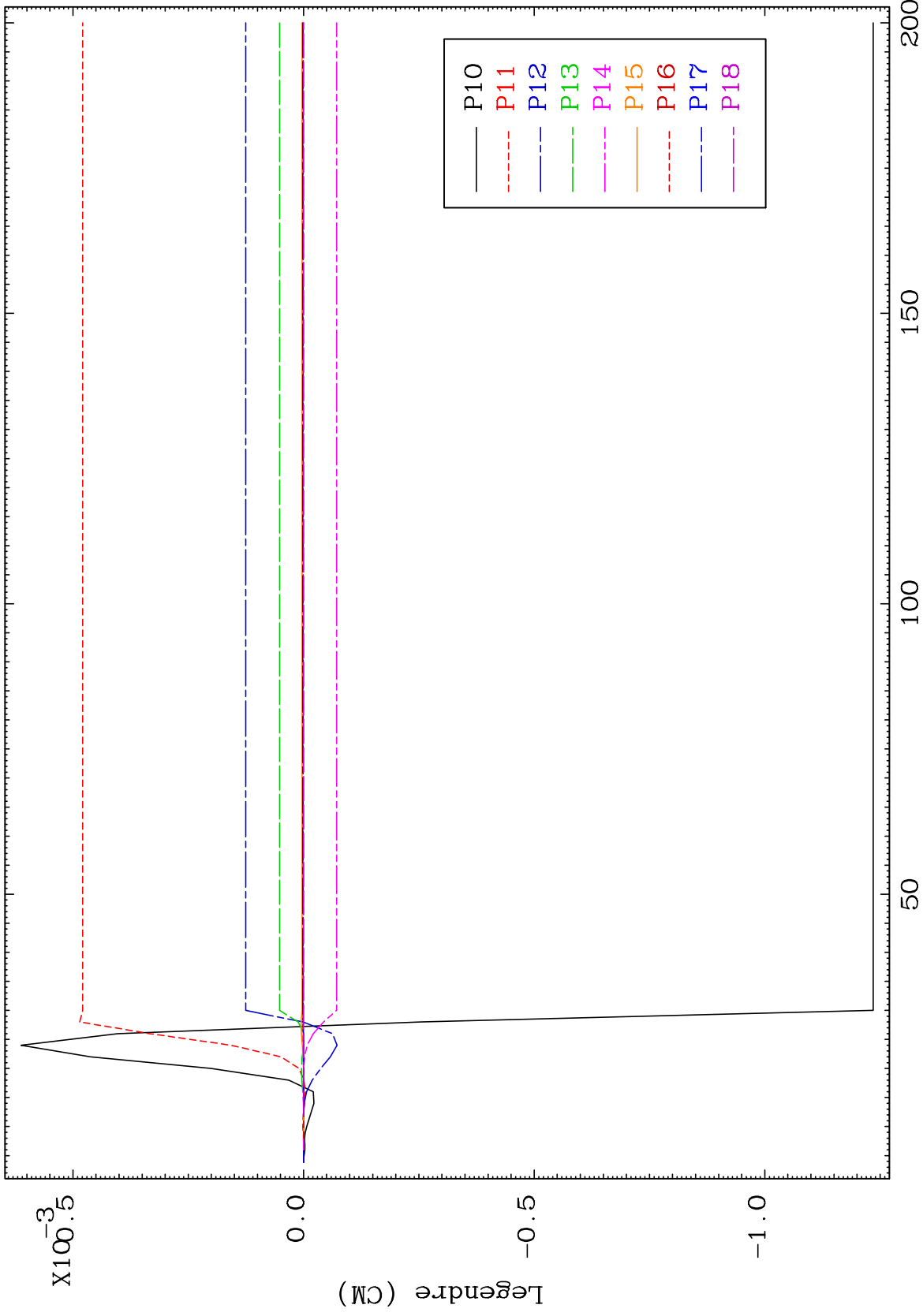








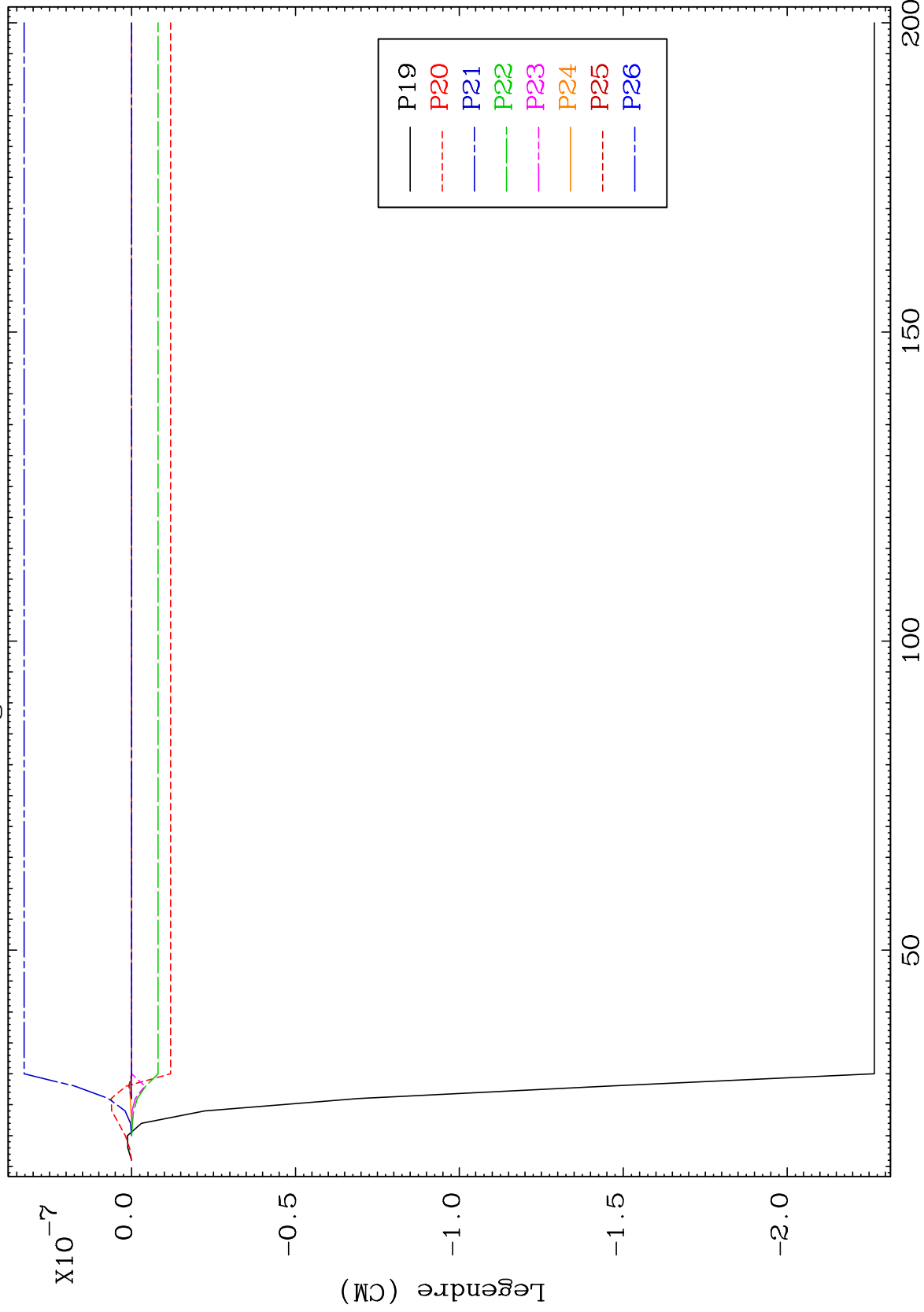




MAT 5277

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

53-I -111



70

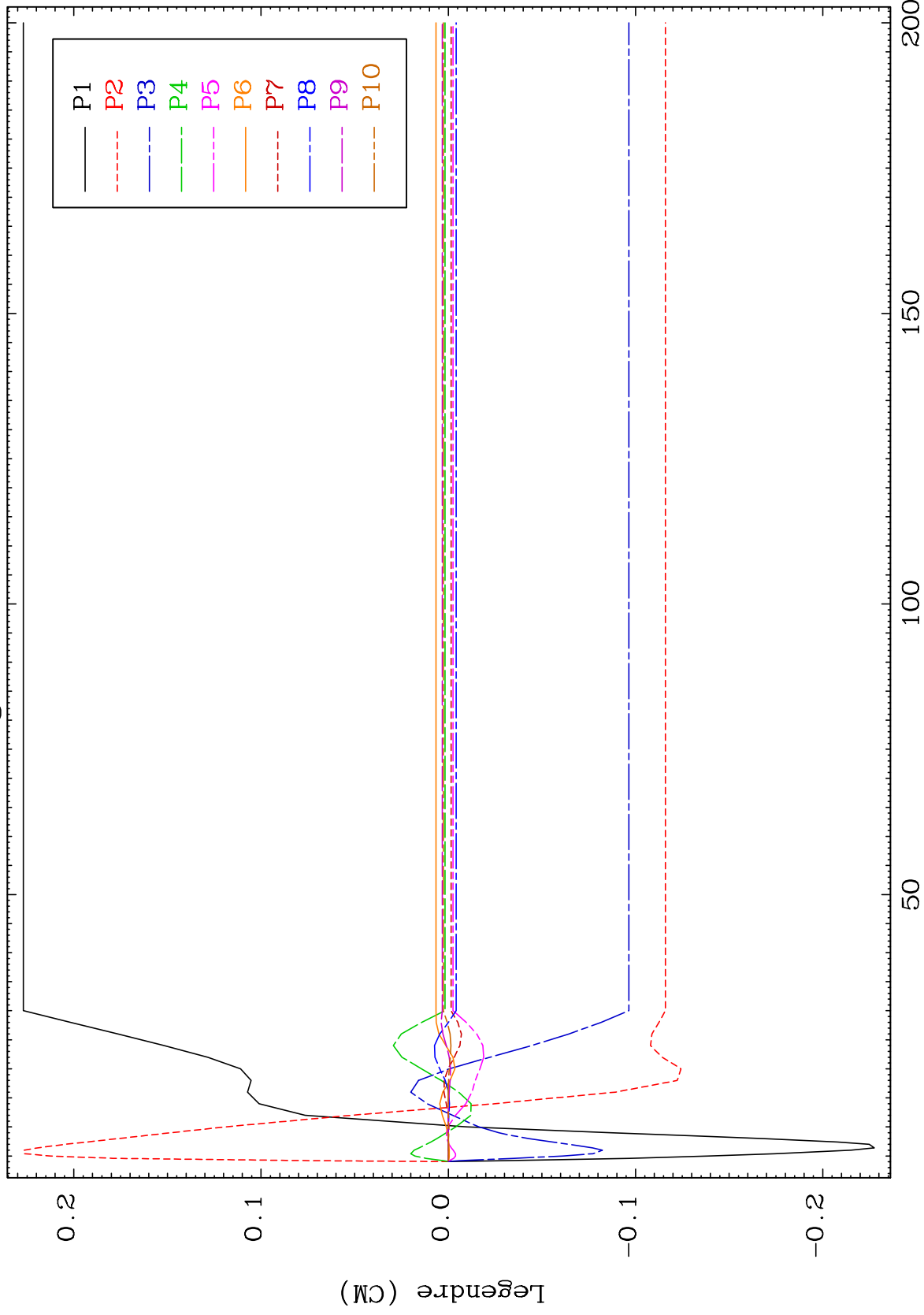
Incident Energy (MeV)

53-I -111

MAT 5277

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

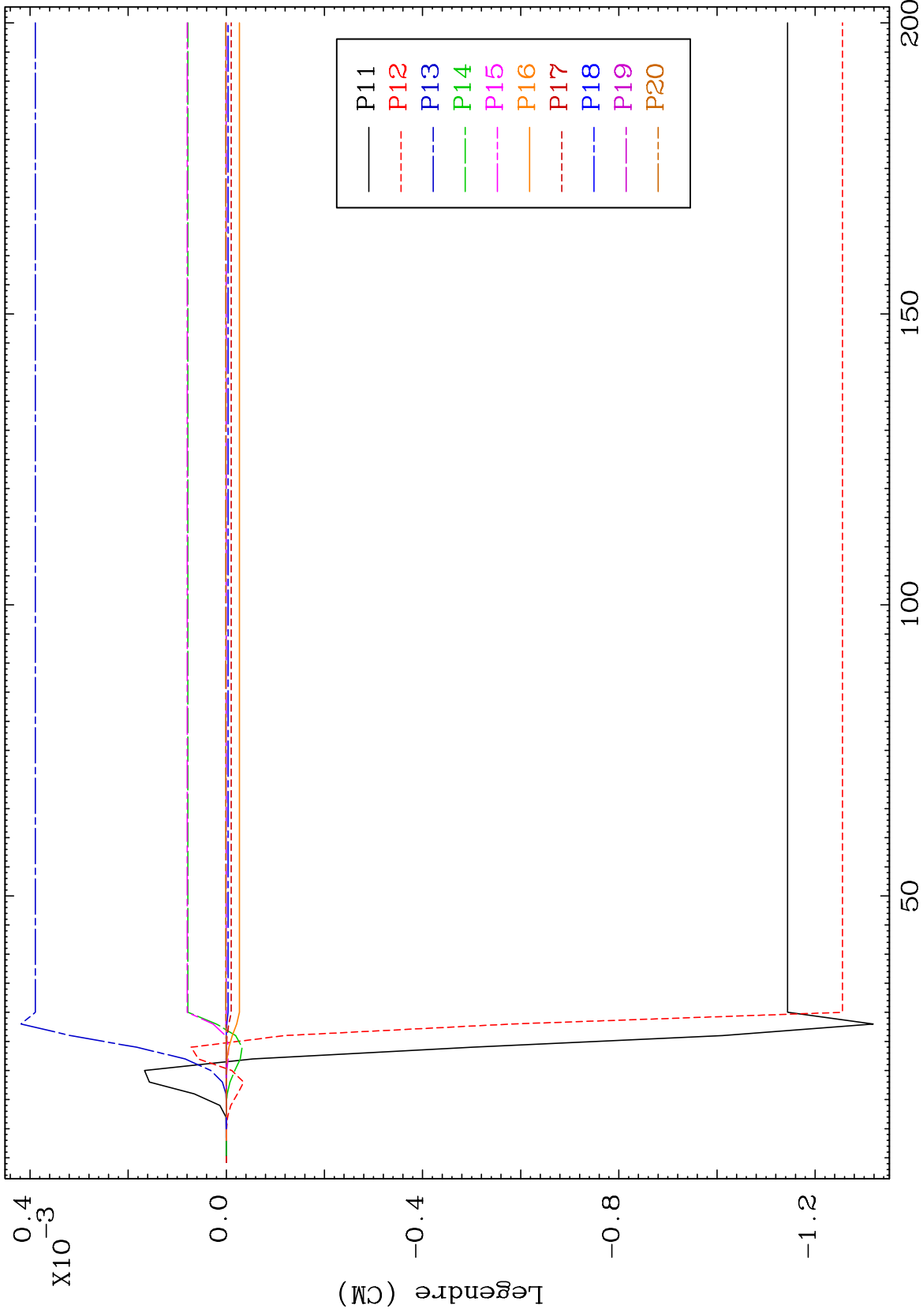
53-I -111



71

Incident Energy (MeV)

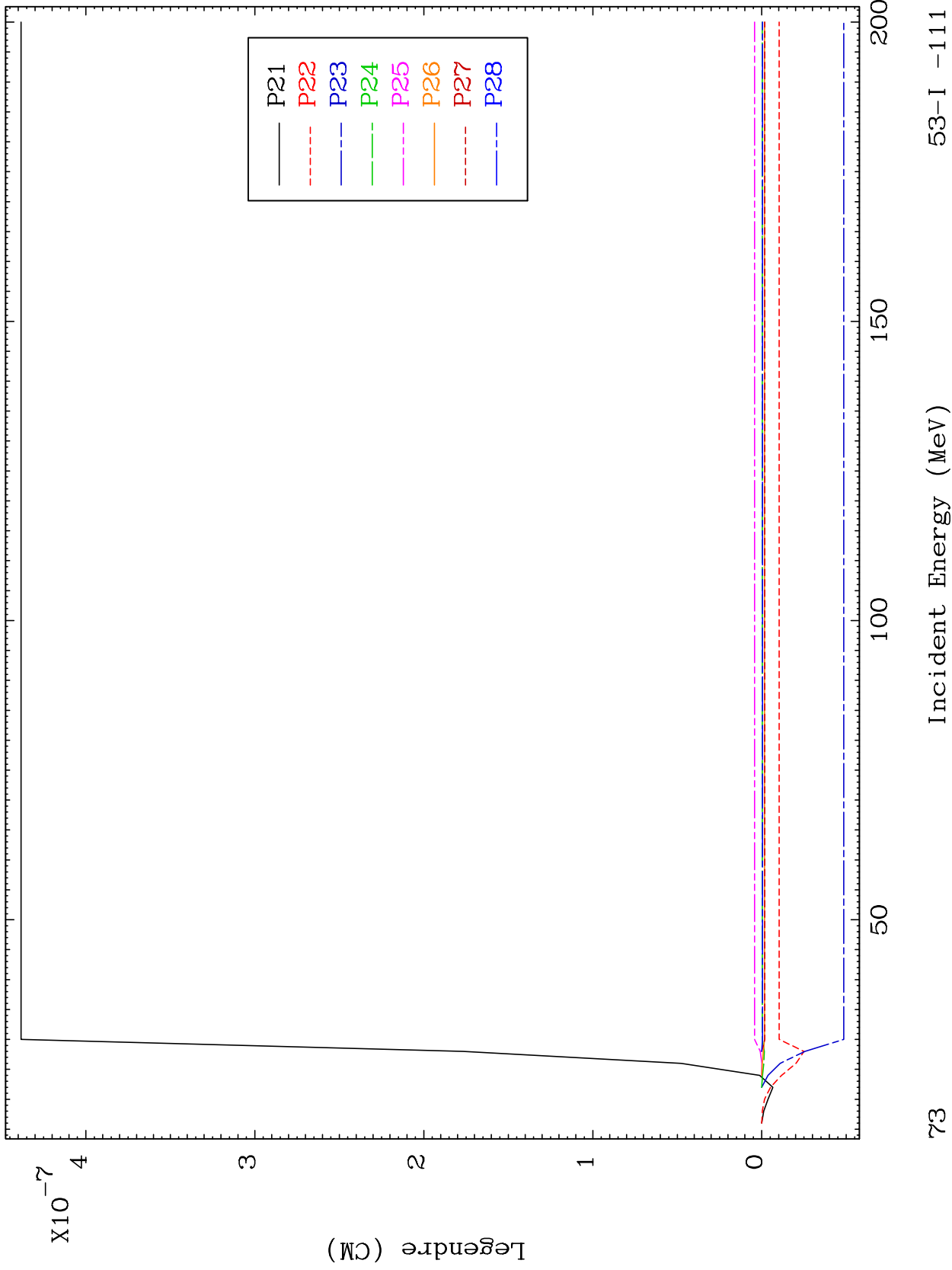
53-I -111



MAT 5277

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

53-I -111



73

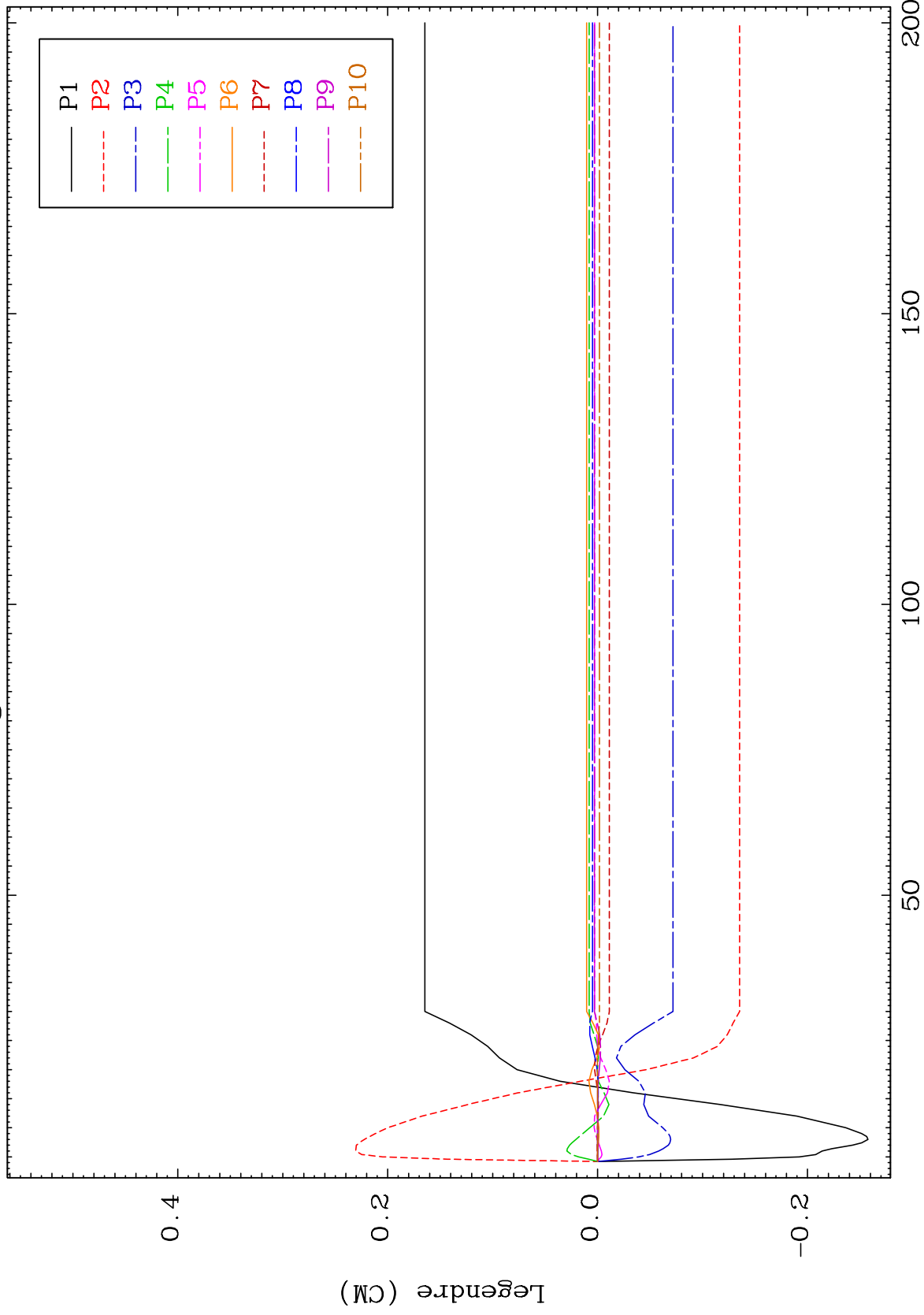
Incident Energy (MeV)

53-I -111

MAT 5277

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

53-I -111



74

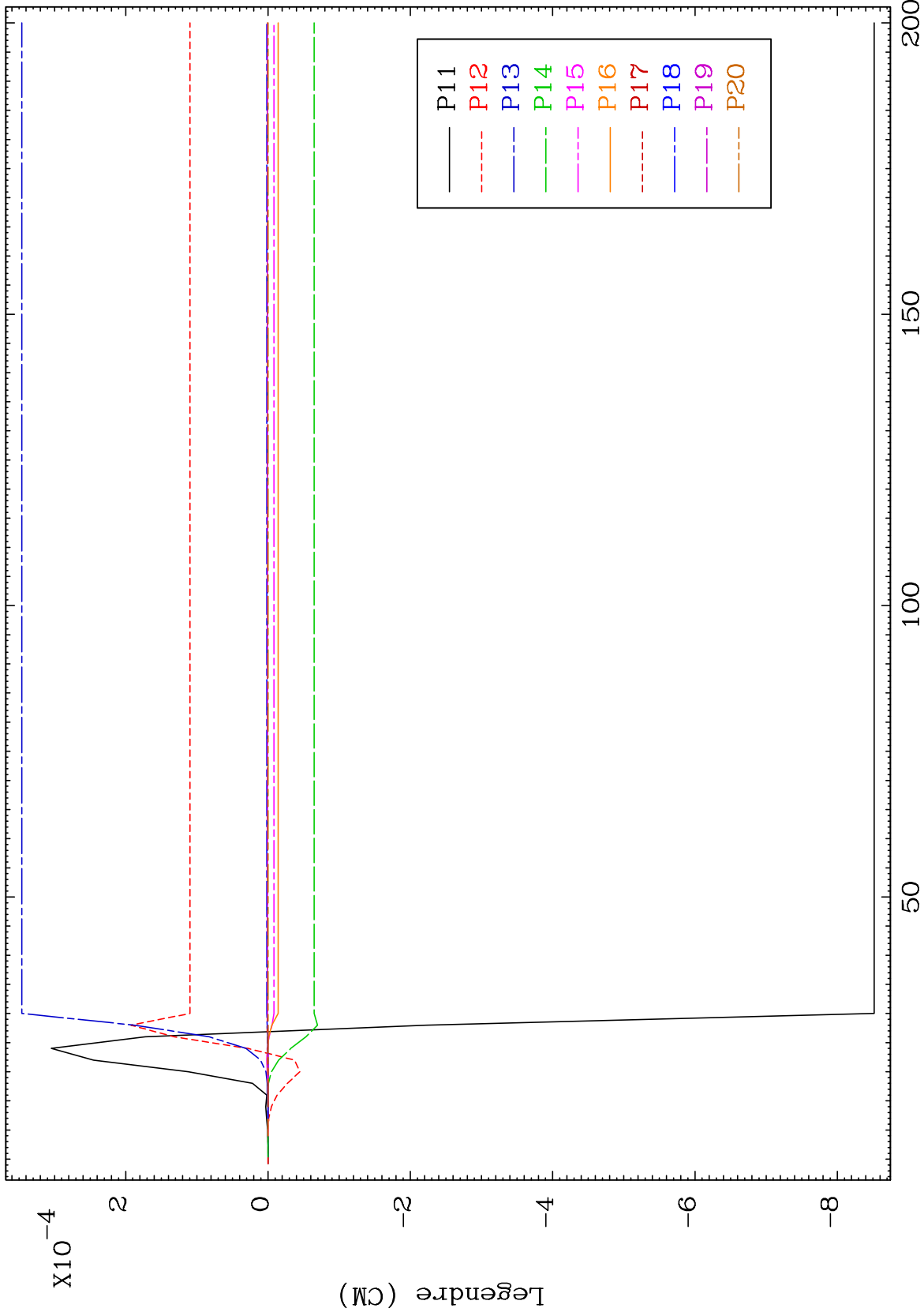
Incident Energy (MeV)

53-I -111

MAT 5277

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

53-I -111



75

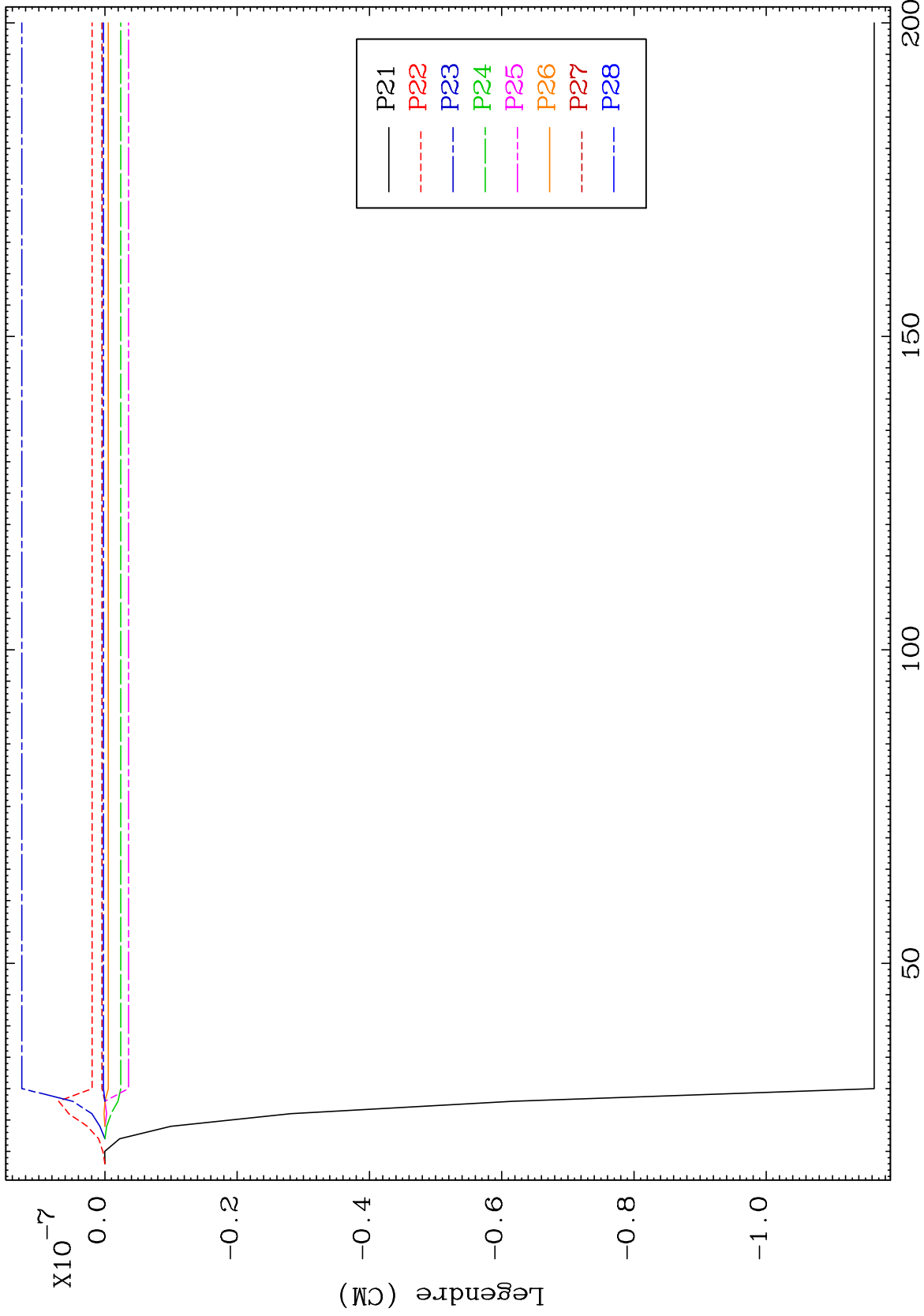
Incident Energy (MeV)

53-I -111

MAT 5277

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

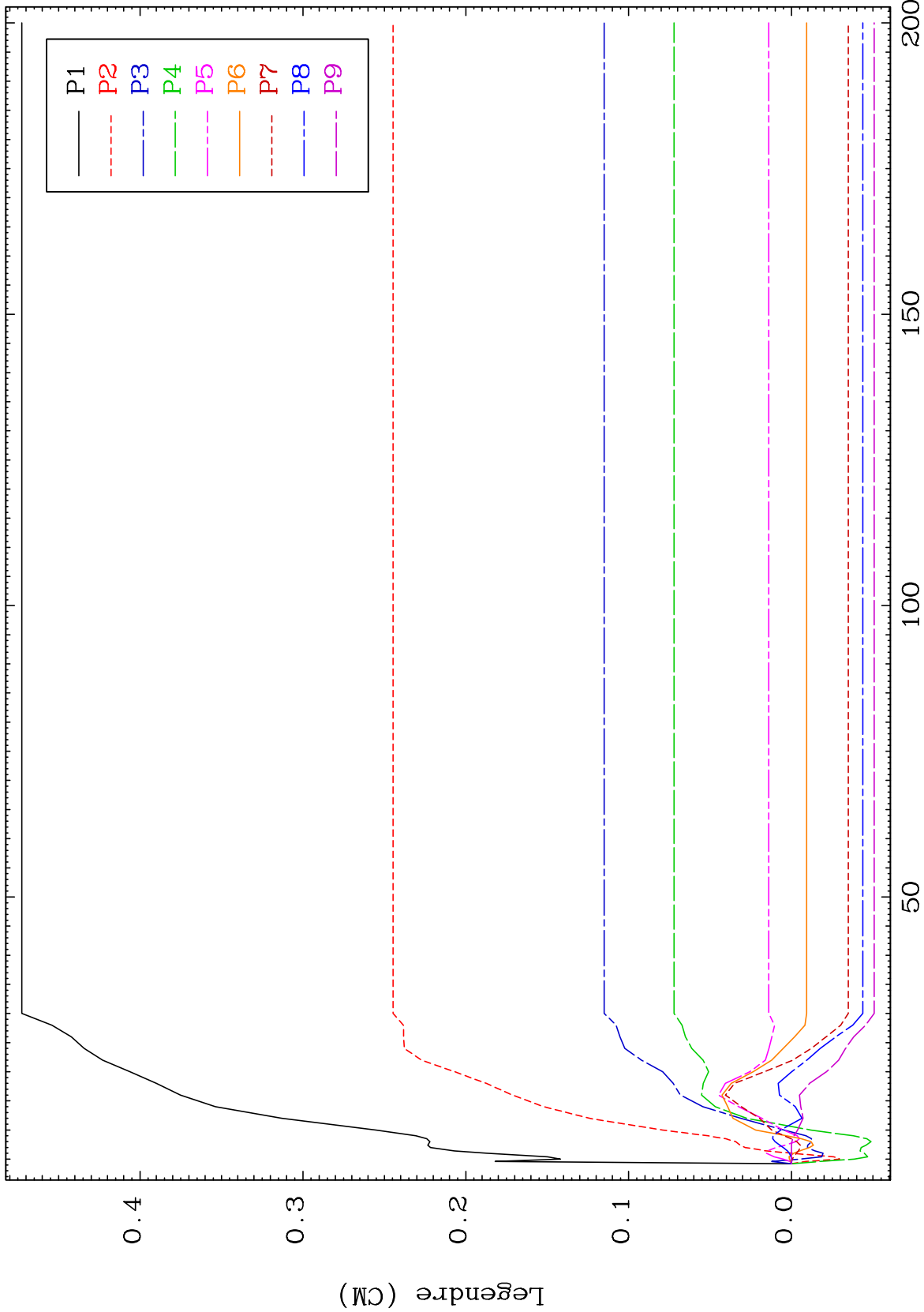
53-I -111



76

Incident Energy (MeV)

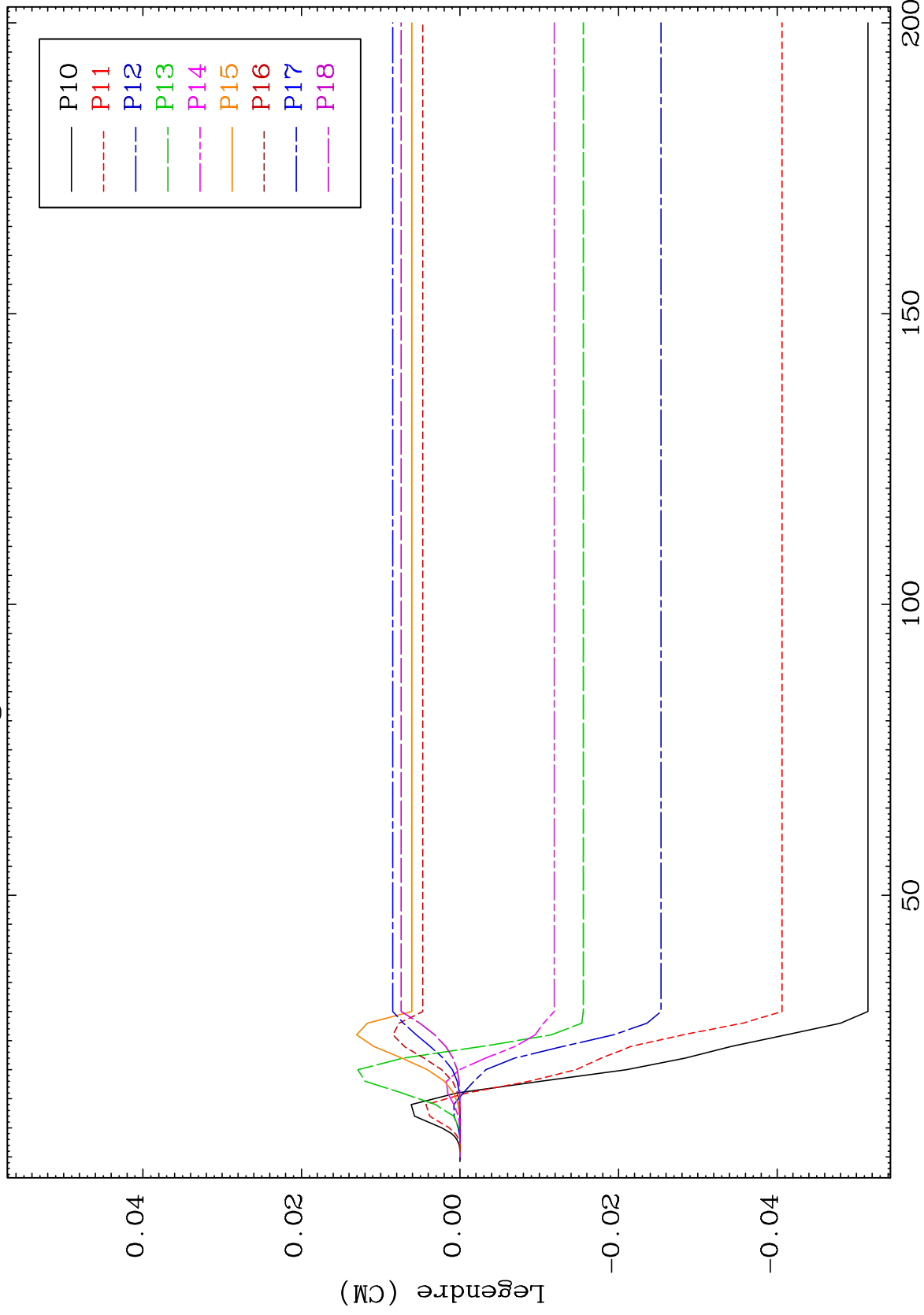
53-I -111



MAT 5277

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

53-I -111



78

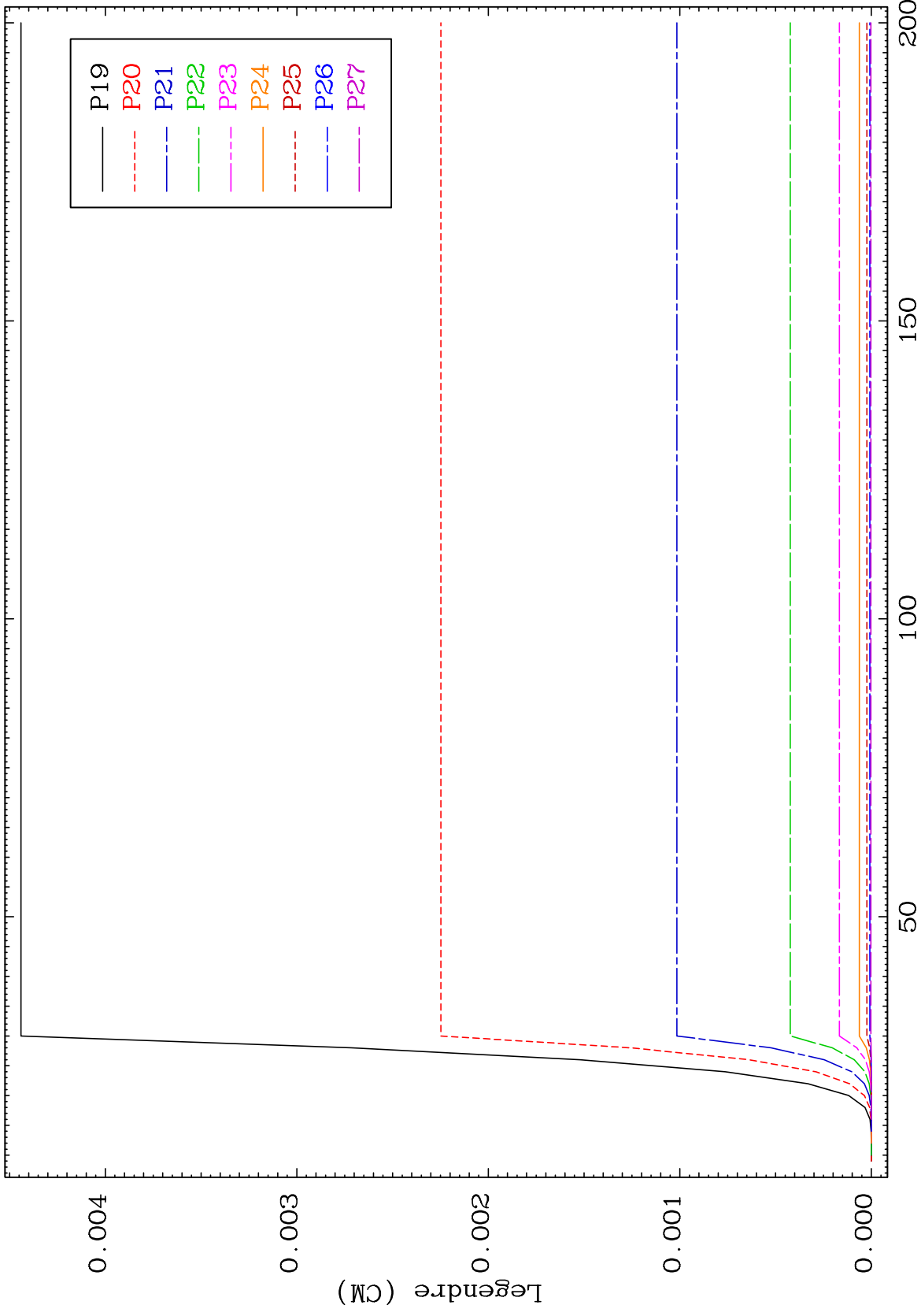
Incident Energy (MeV)

53-I -111

MAT 5277

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

53-I -111



79

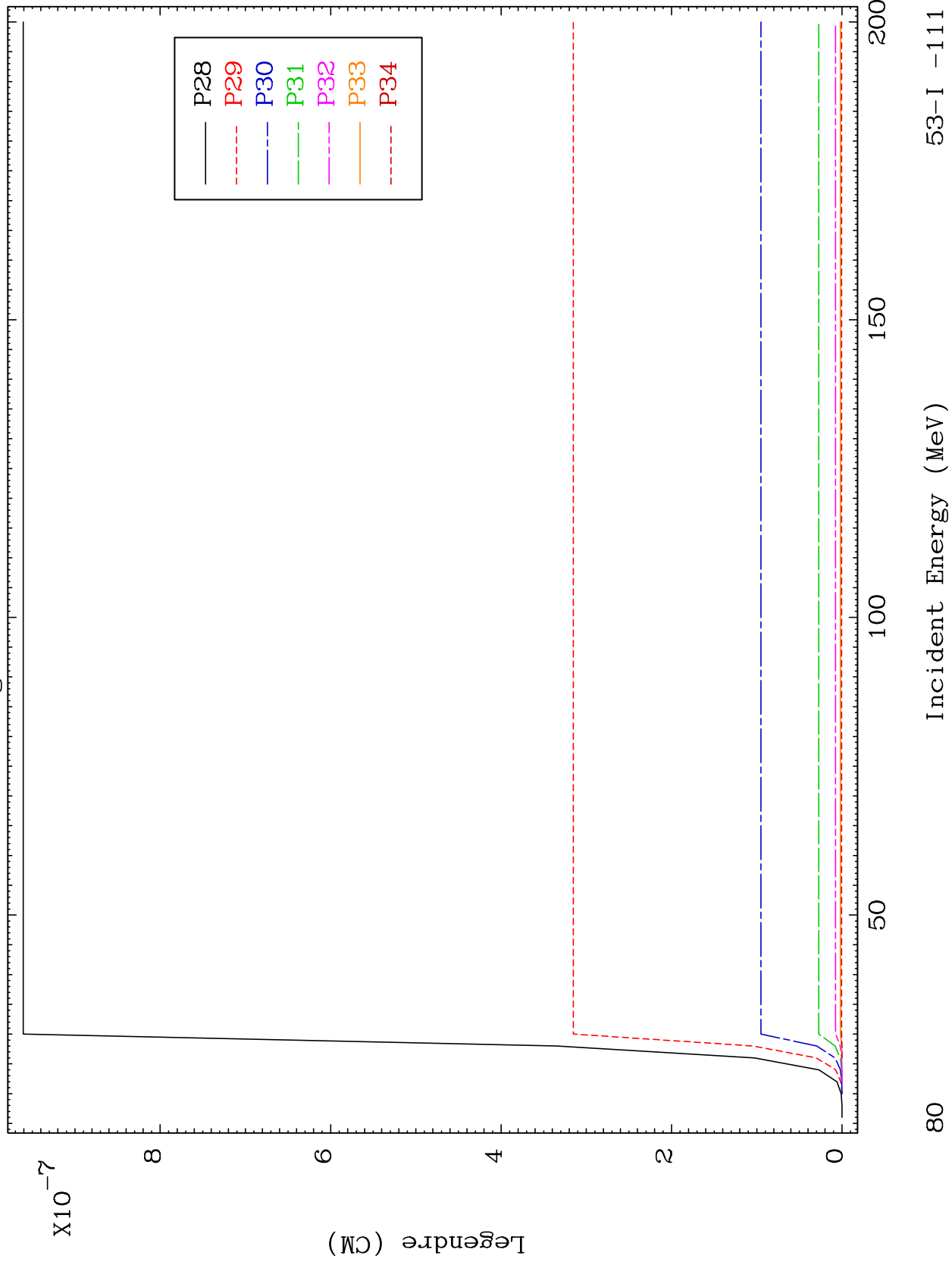
Incident Energy (MeV)

53-I -111

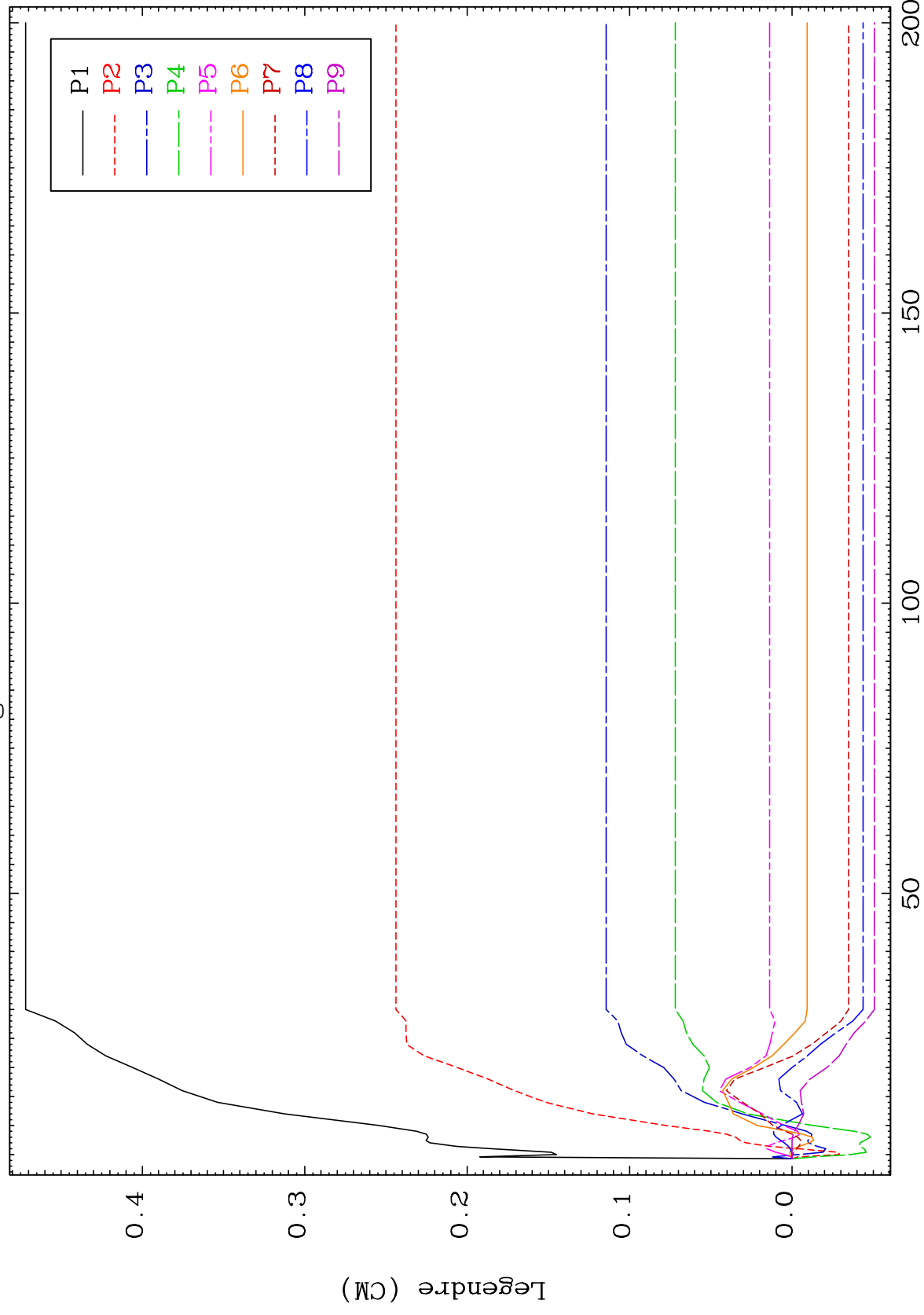
MAT 5277

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

53-I -111



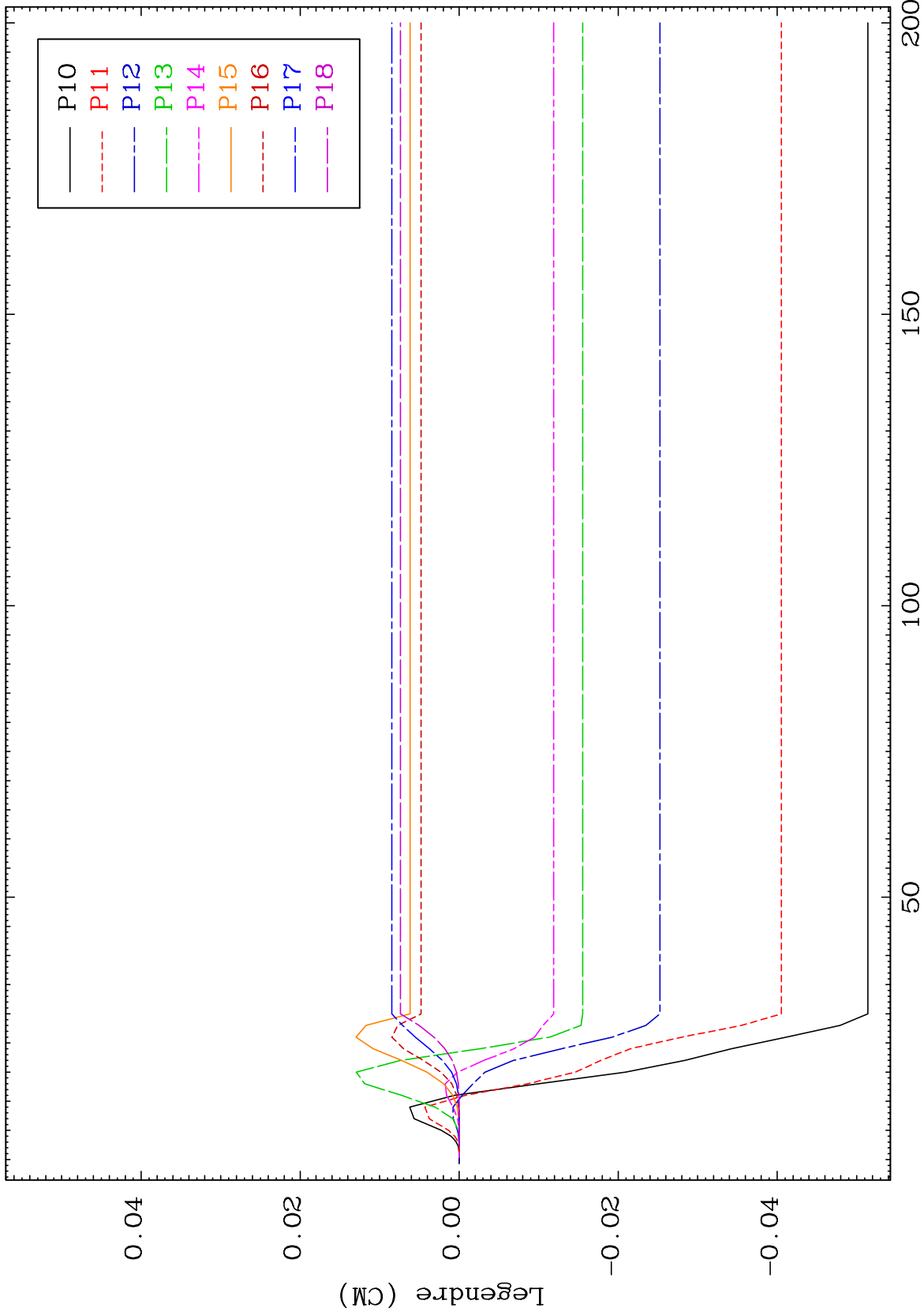
53-I -111



MAT 5277

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

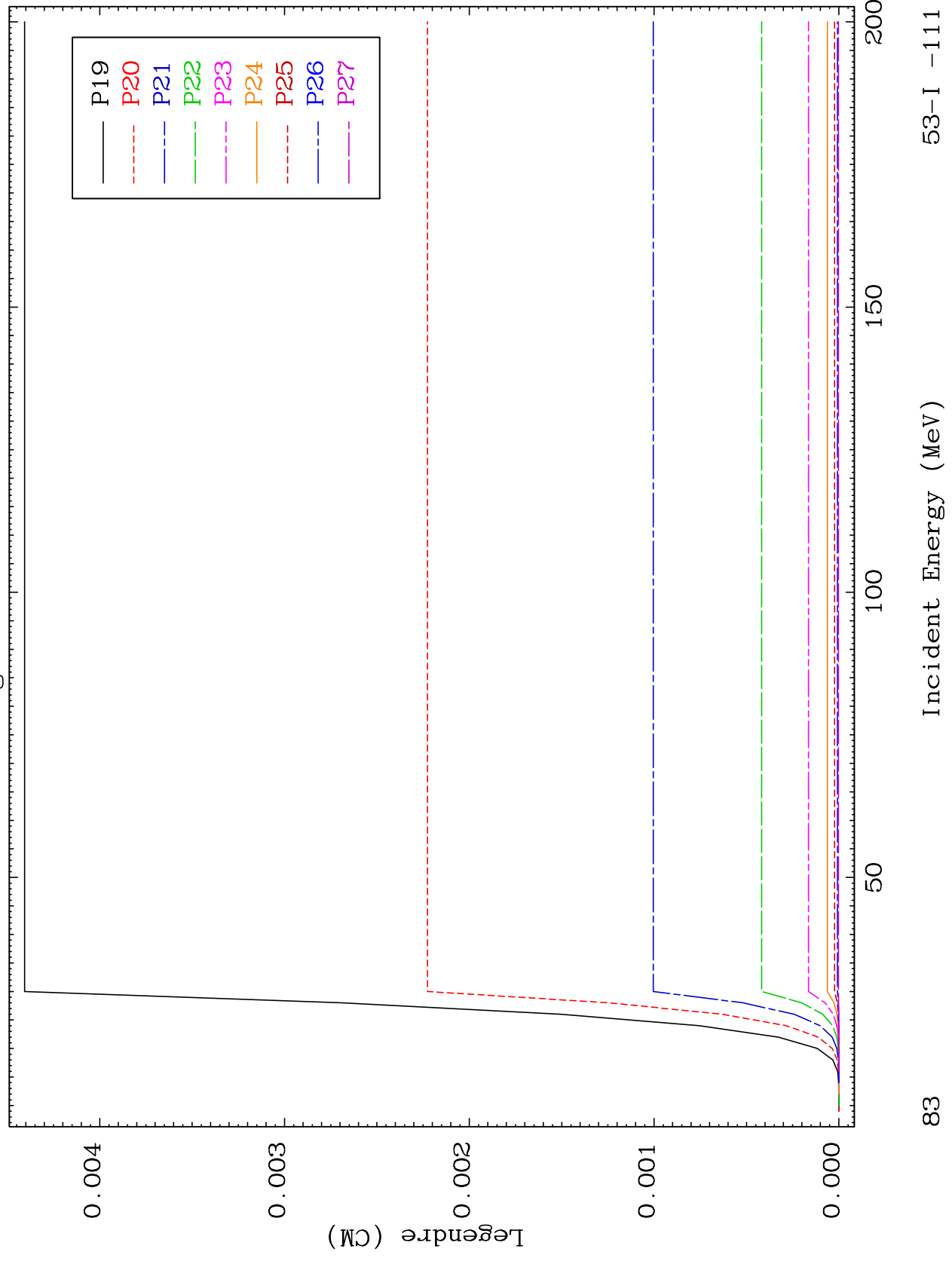
53-I -111



82

Incident Energy (MeV)

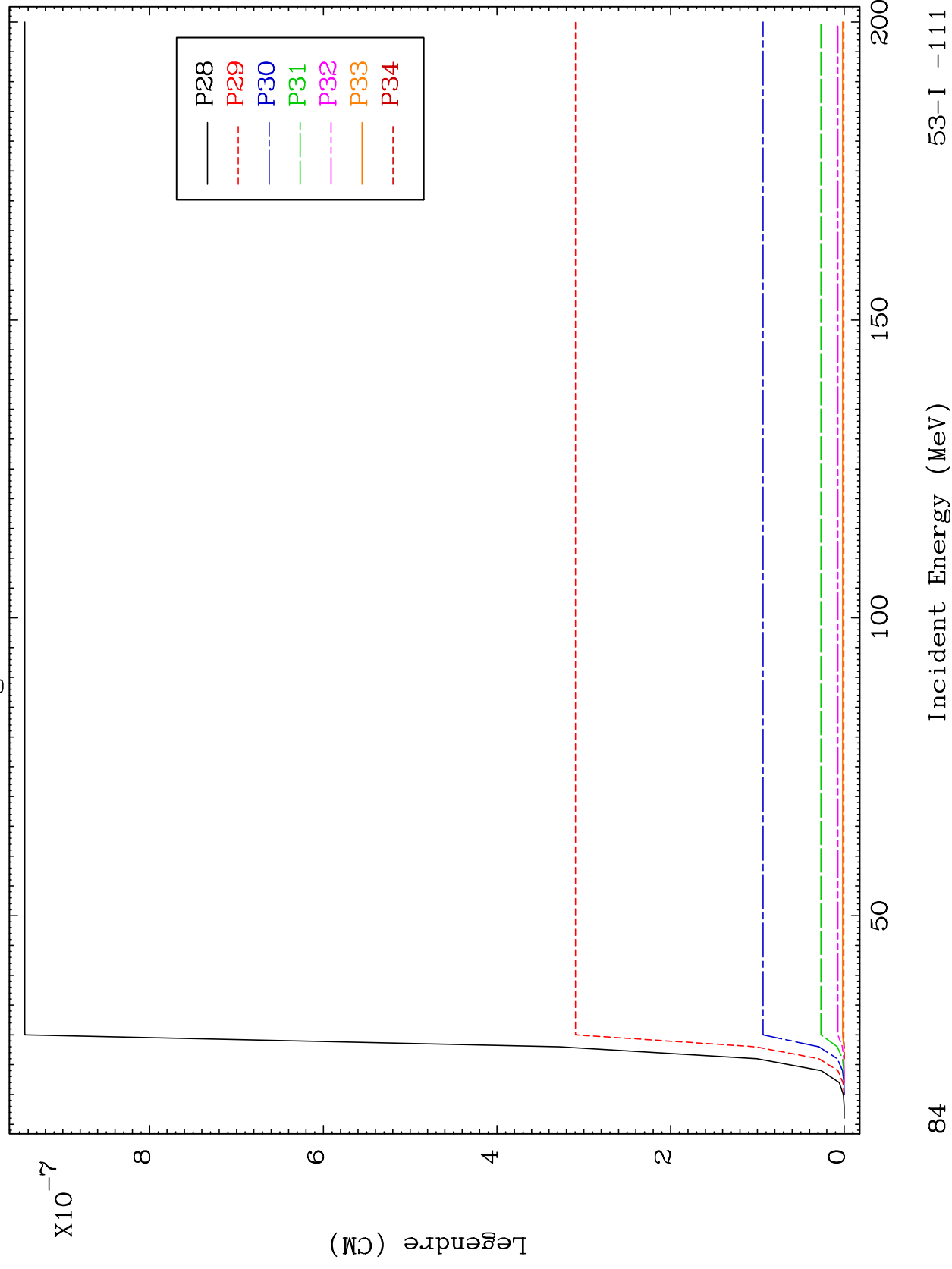
53-I -111



MAT 5277

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

53-I -111



84

Incident Energy (MeV)

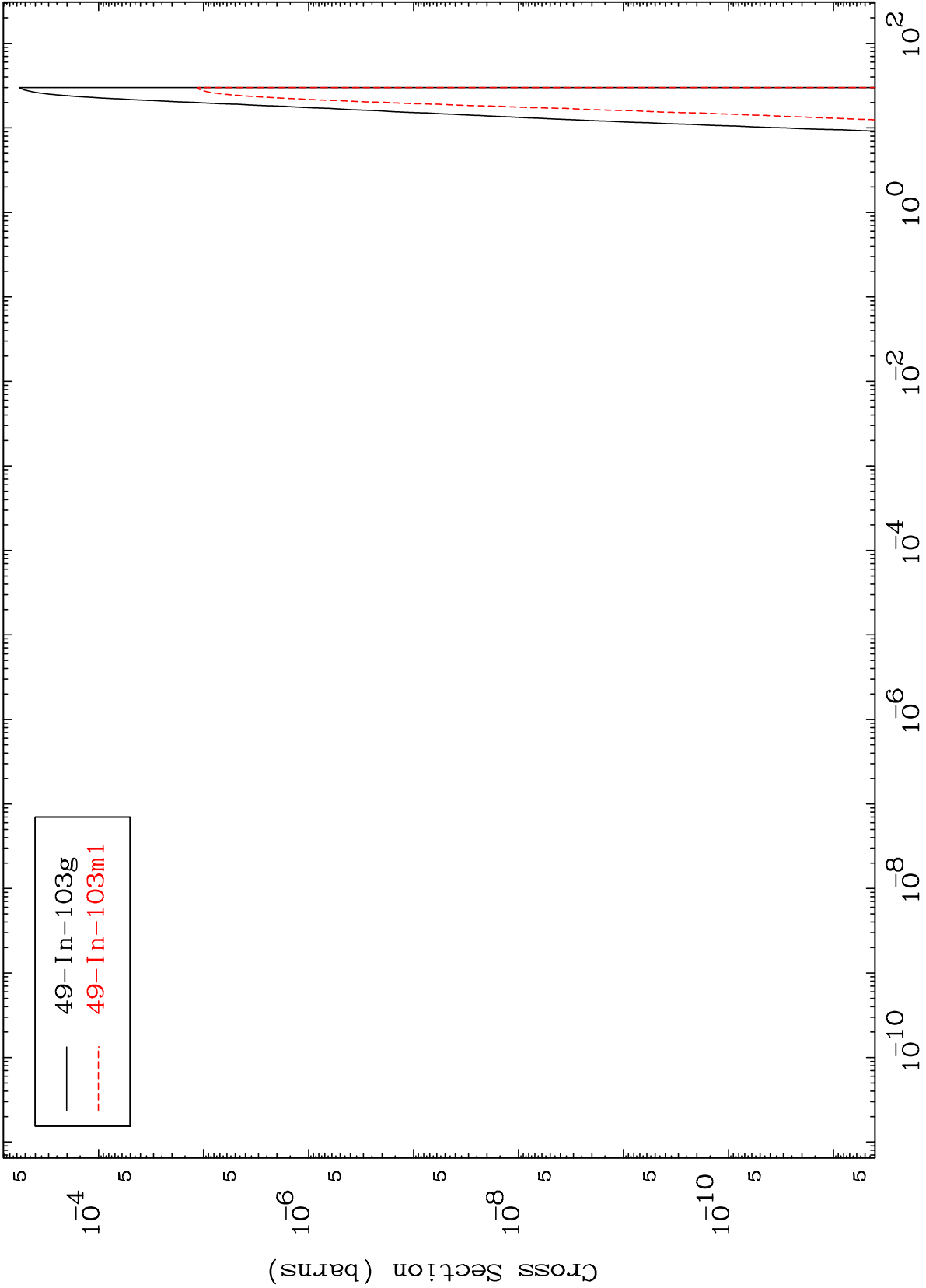
53-I -111

MAT 5277

(n,n') 2α

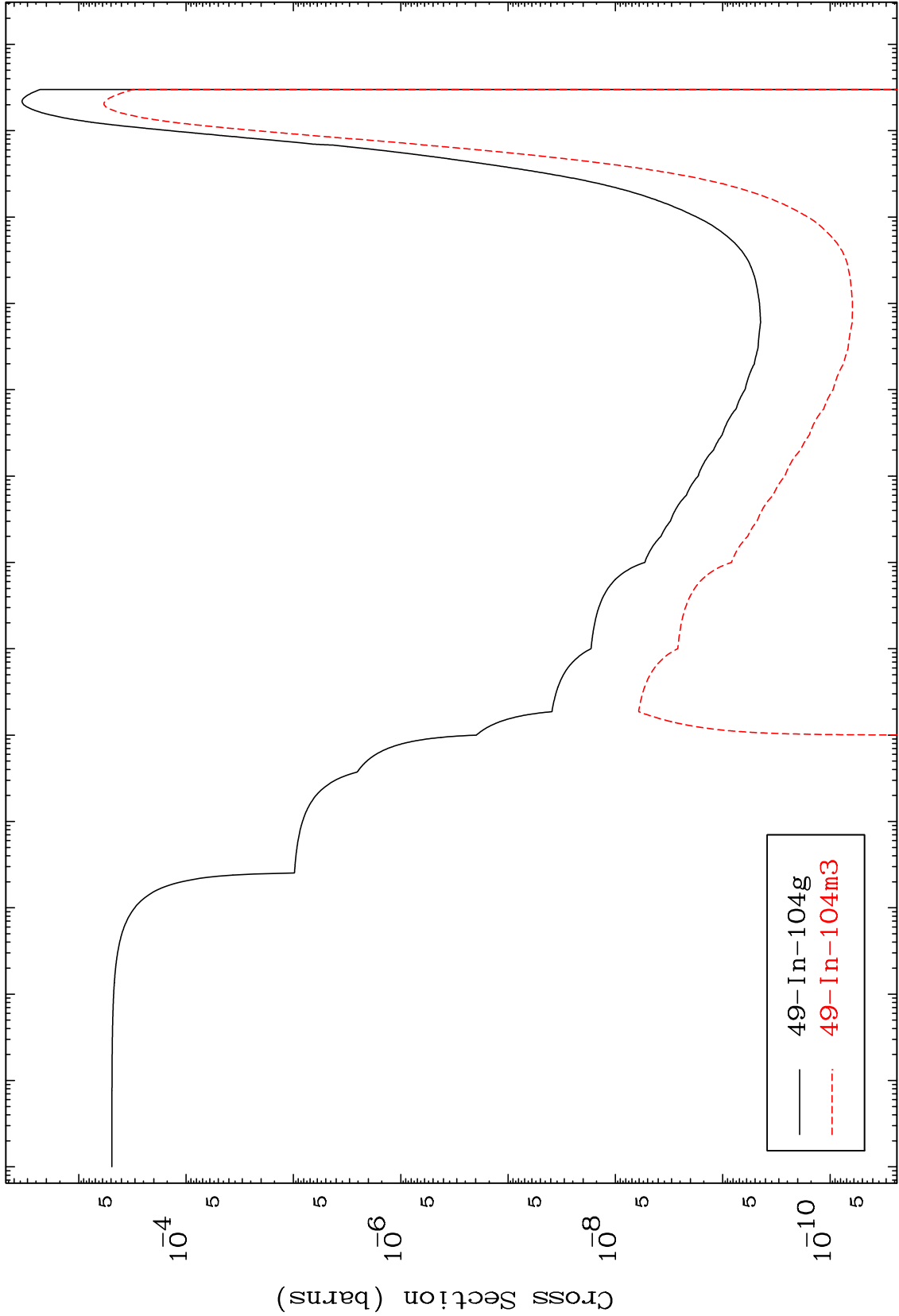
53-I -111

Radionuclide Production Cross Section



— 49-In-103g
- - - 49-In-103m1

Radionuclide Production Cross Section



Incident Energy (MeV)

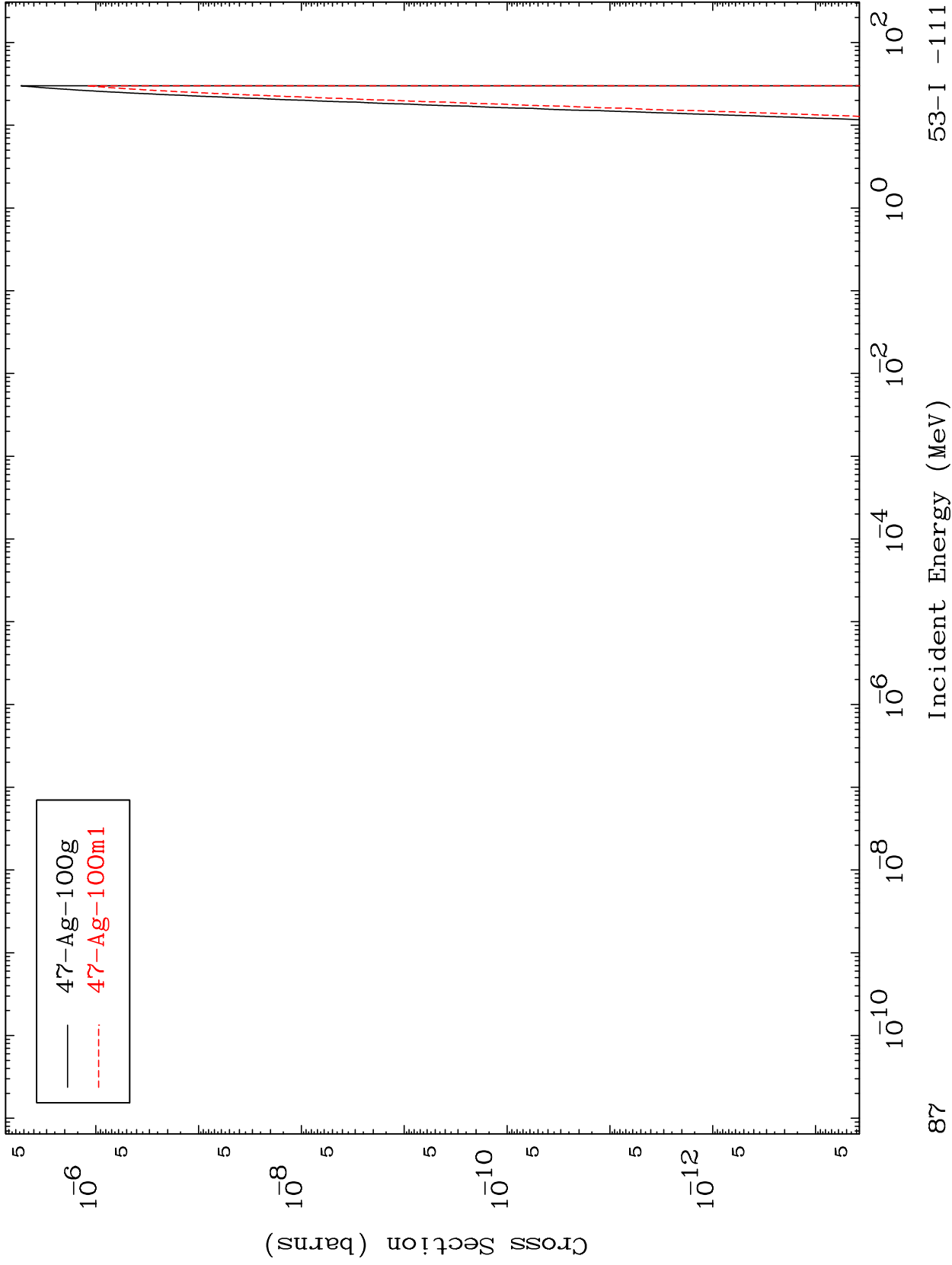
— 49-In-104g
- - - 49-In-104m3

MAT 5277

(n,3α)

53-I -111

Radionuclide Production Cross Section



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