

Program EVALPLOT
(Version 2015-2)

by

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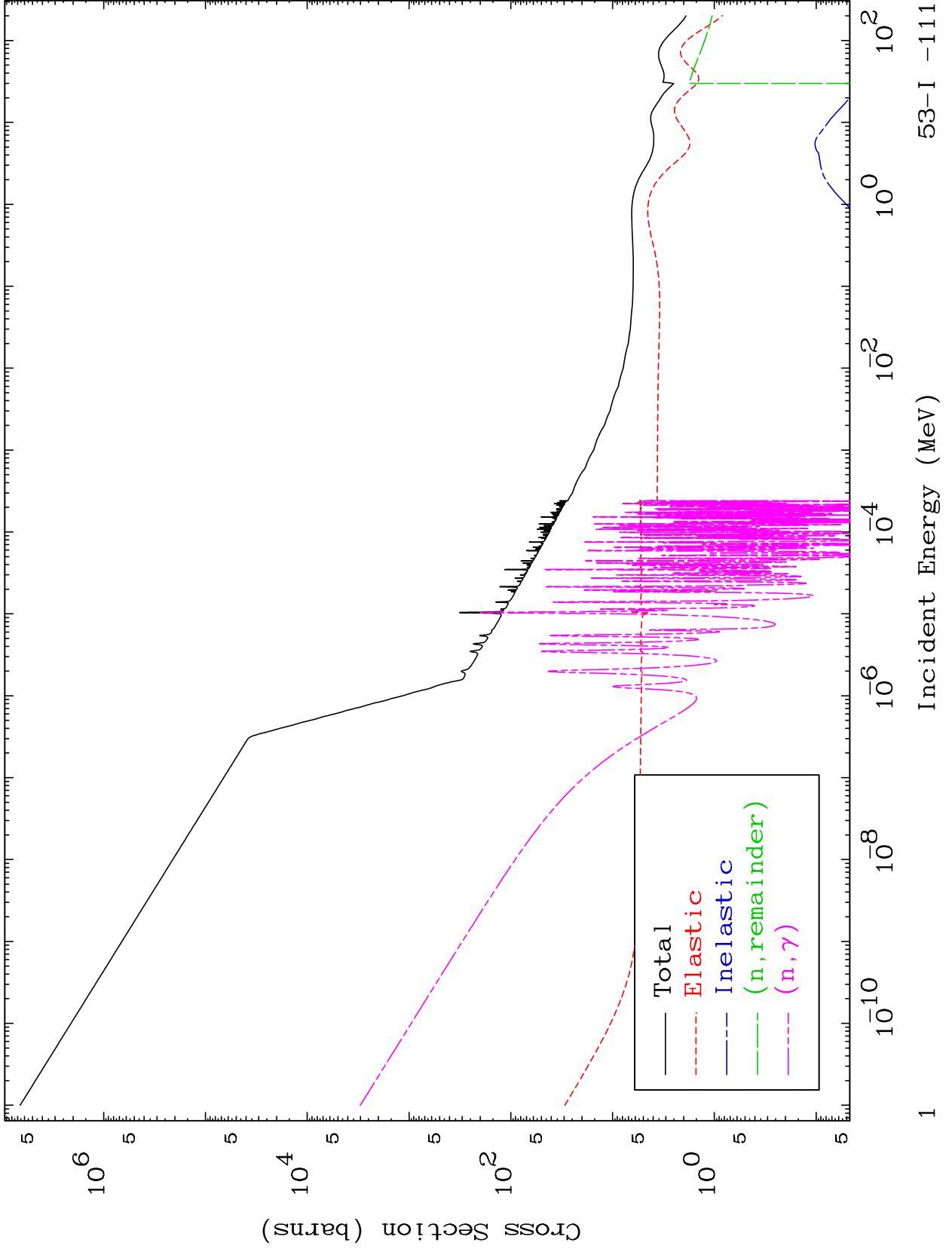
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

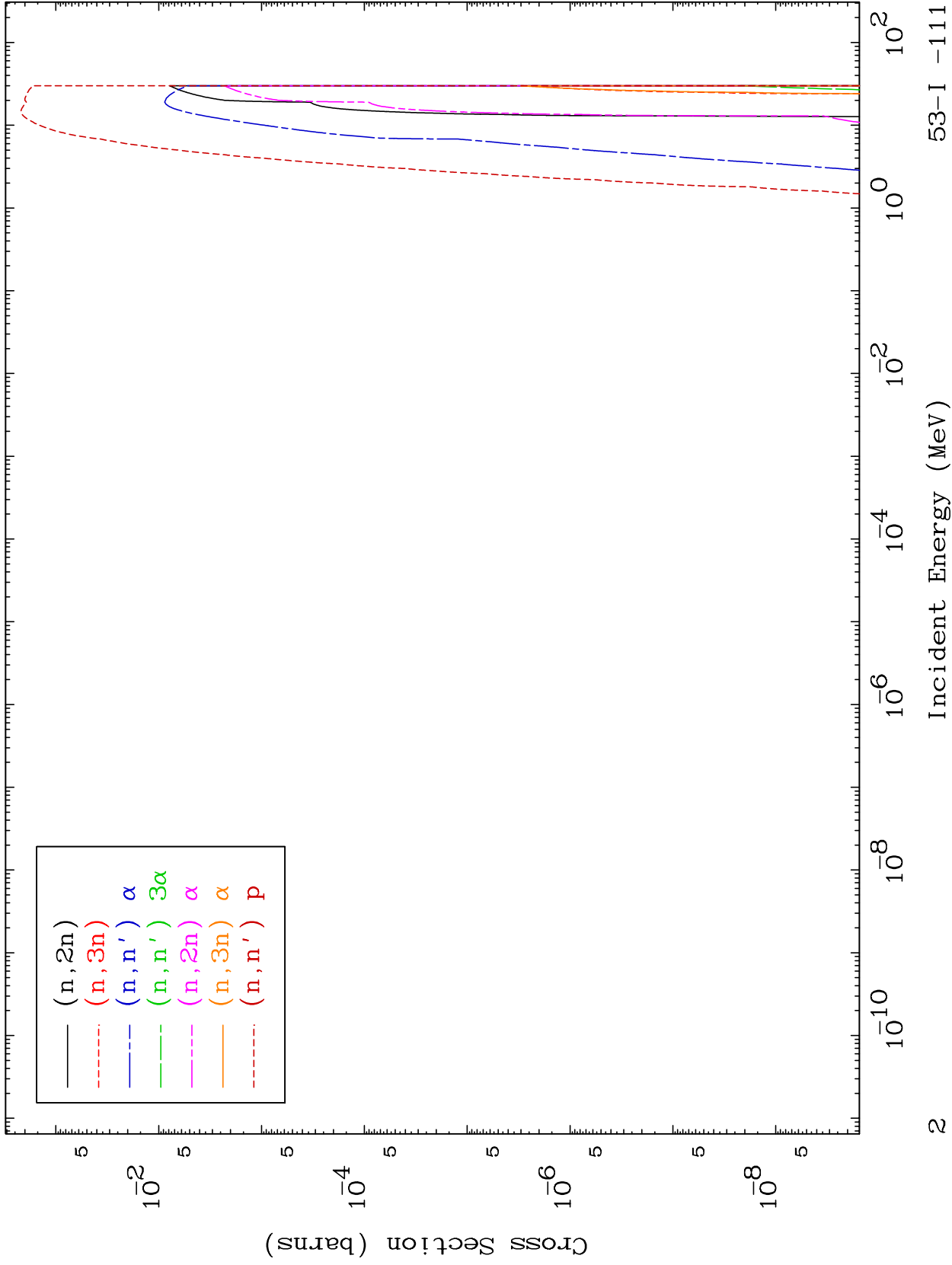
Press Mouse Button to Start

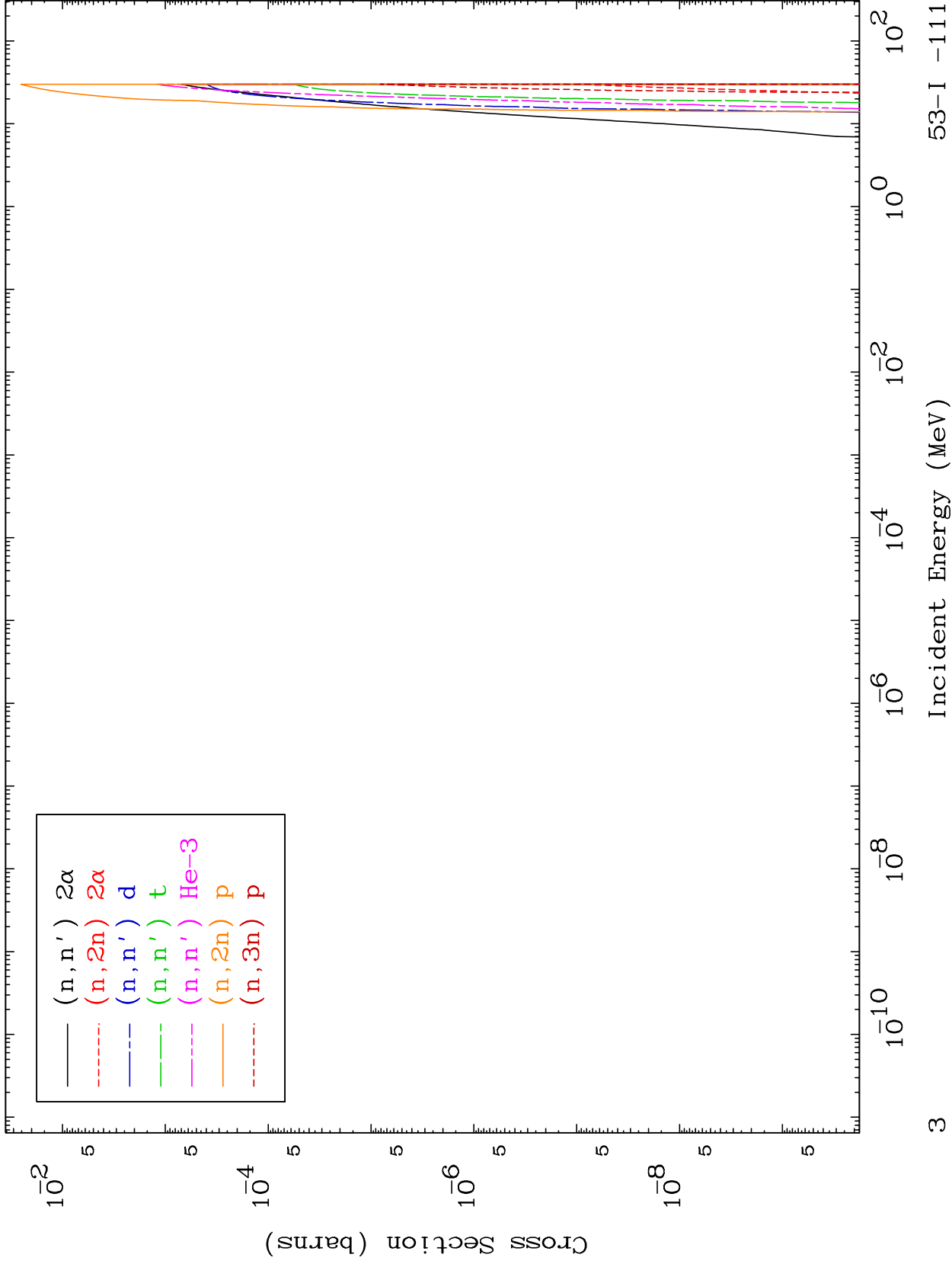
MAT 5277

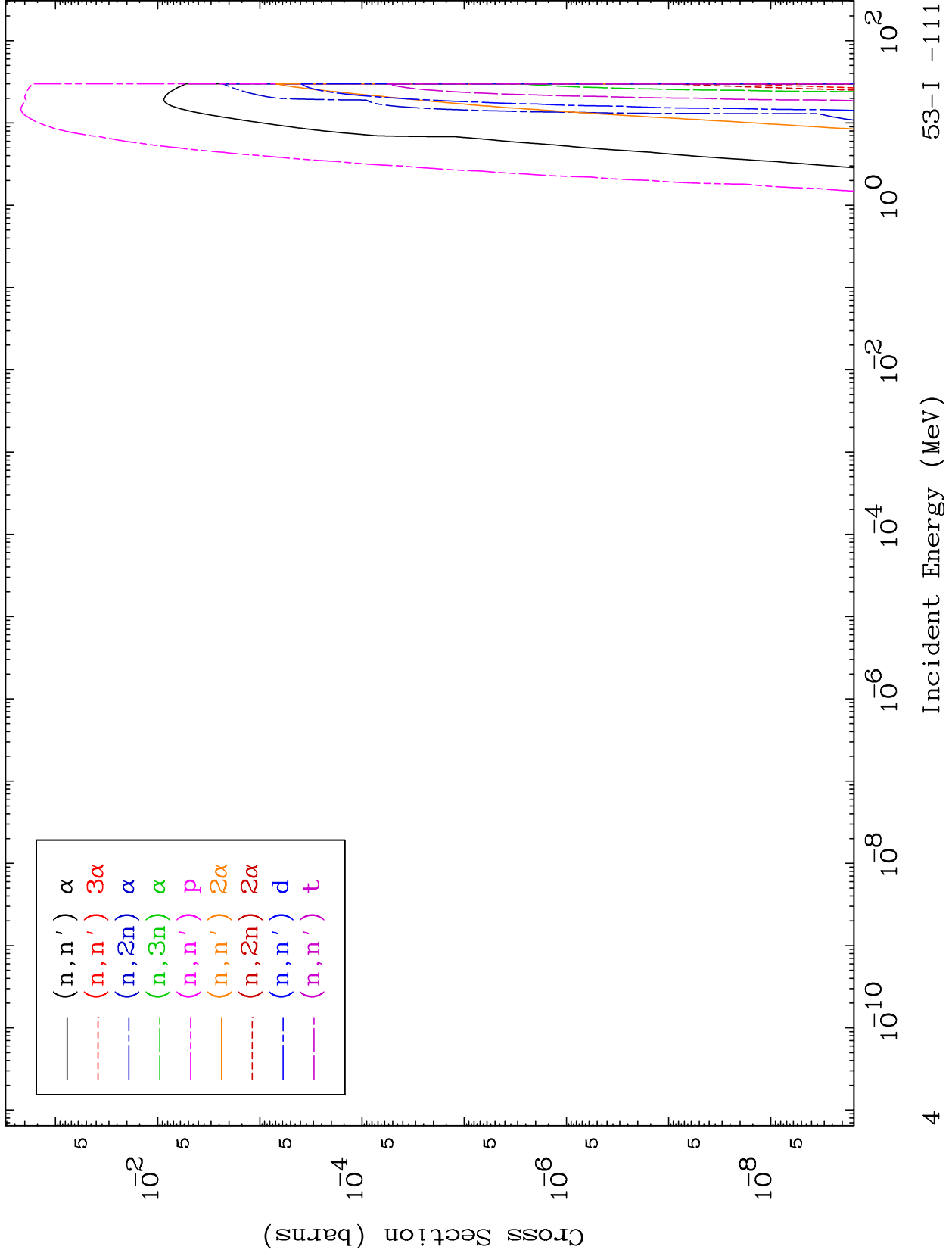
Major
293 Kelvin Cross Sections

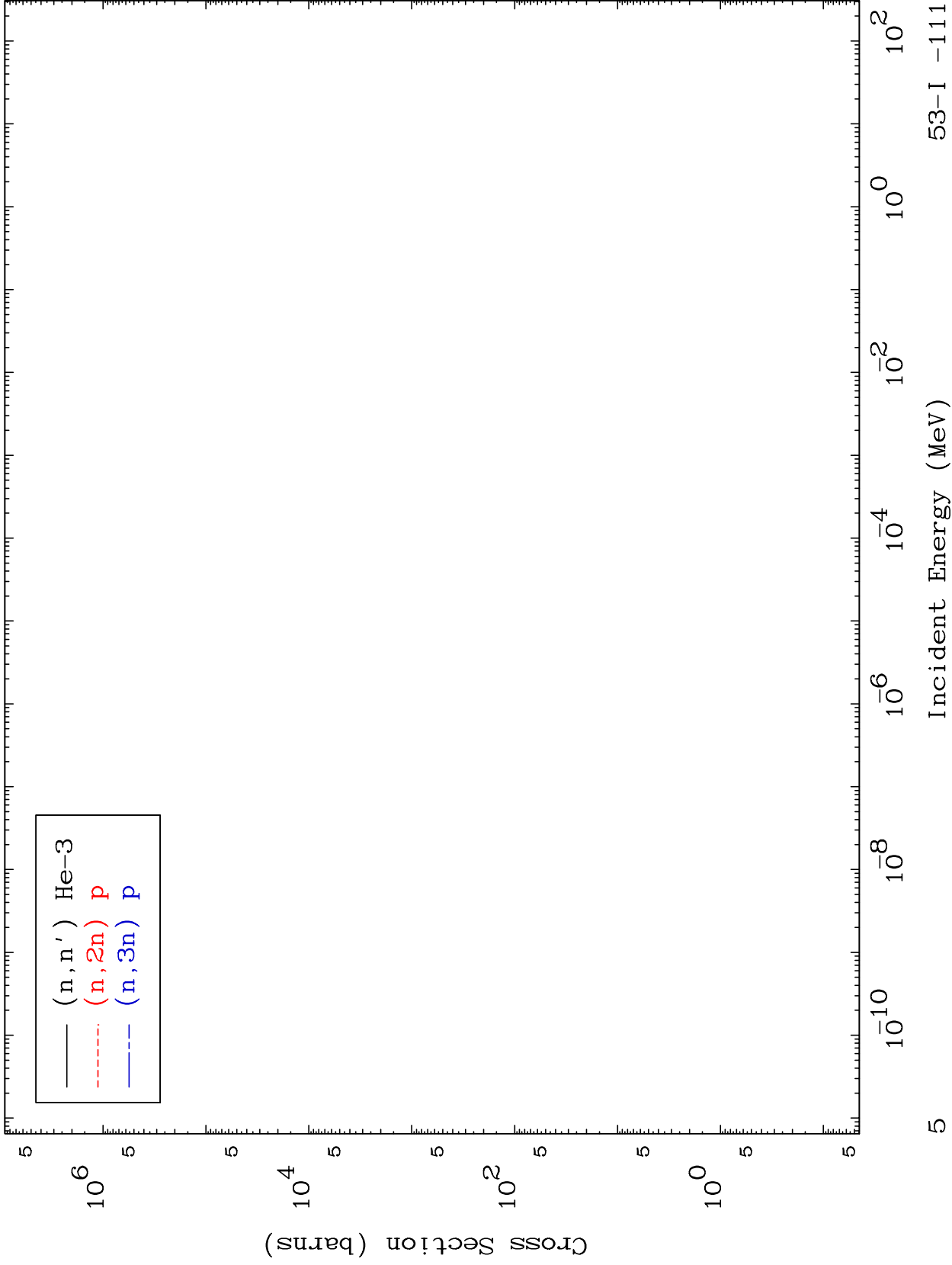
53-I -111

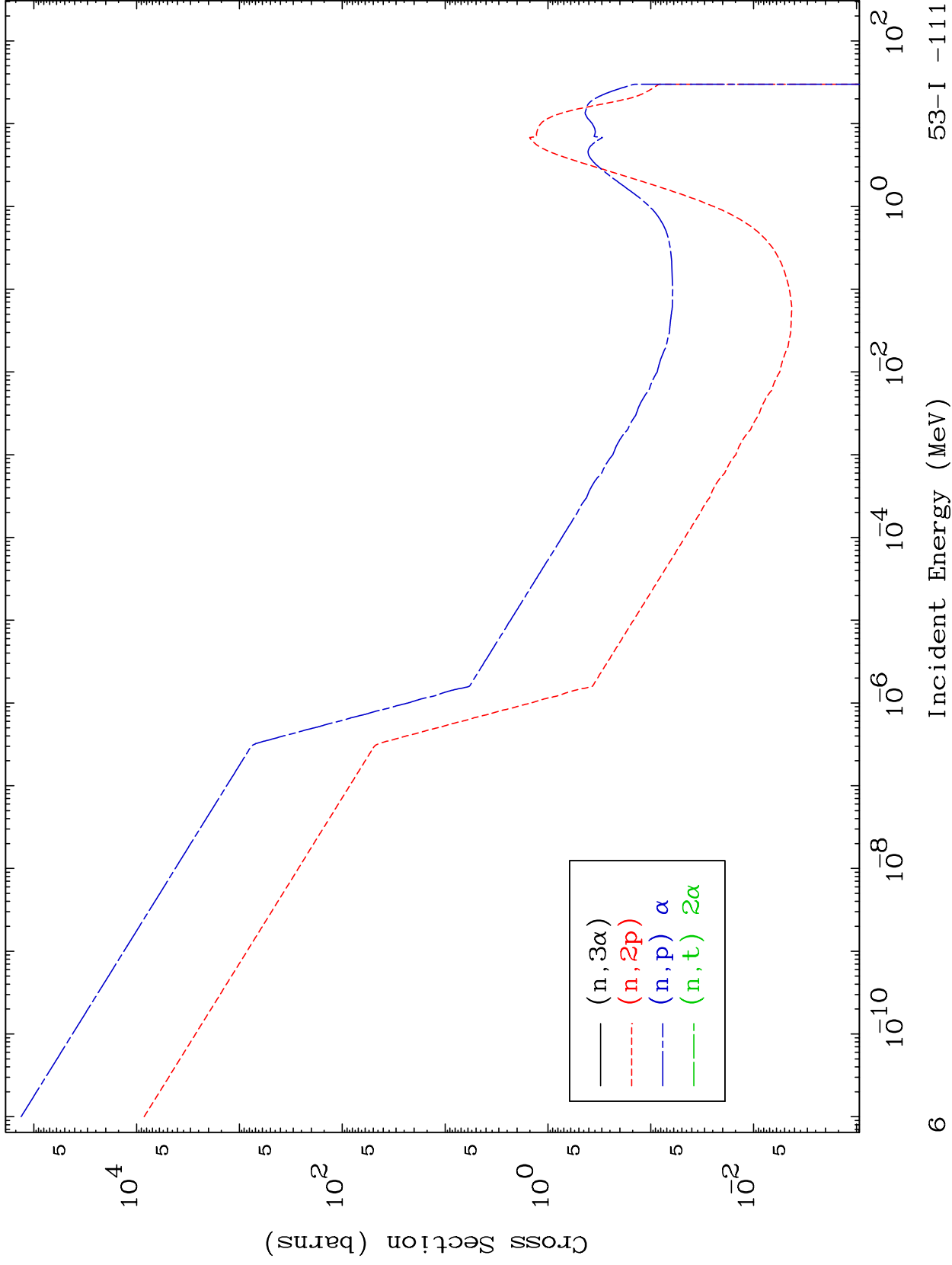


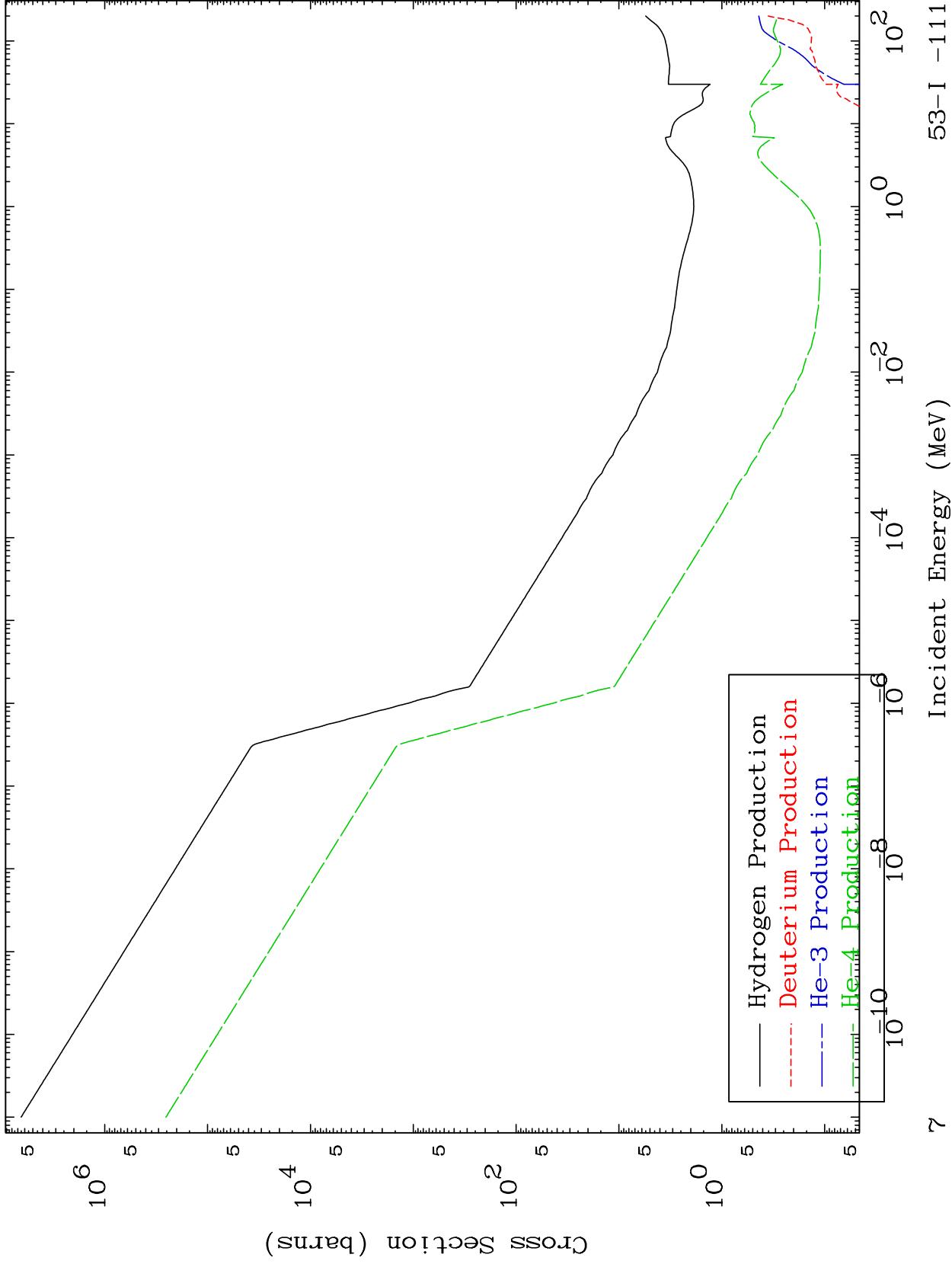




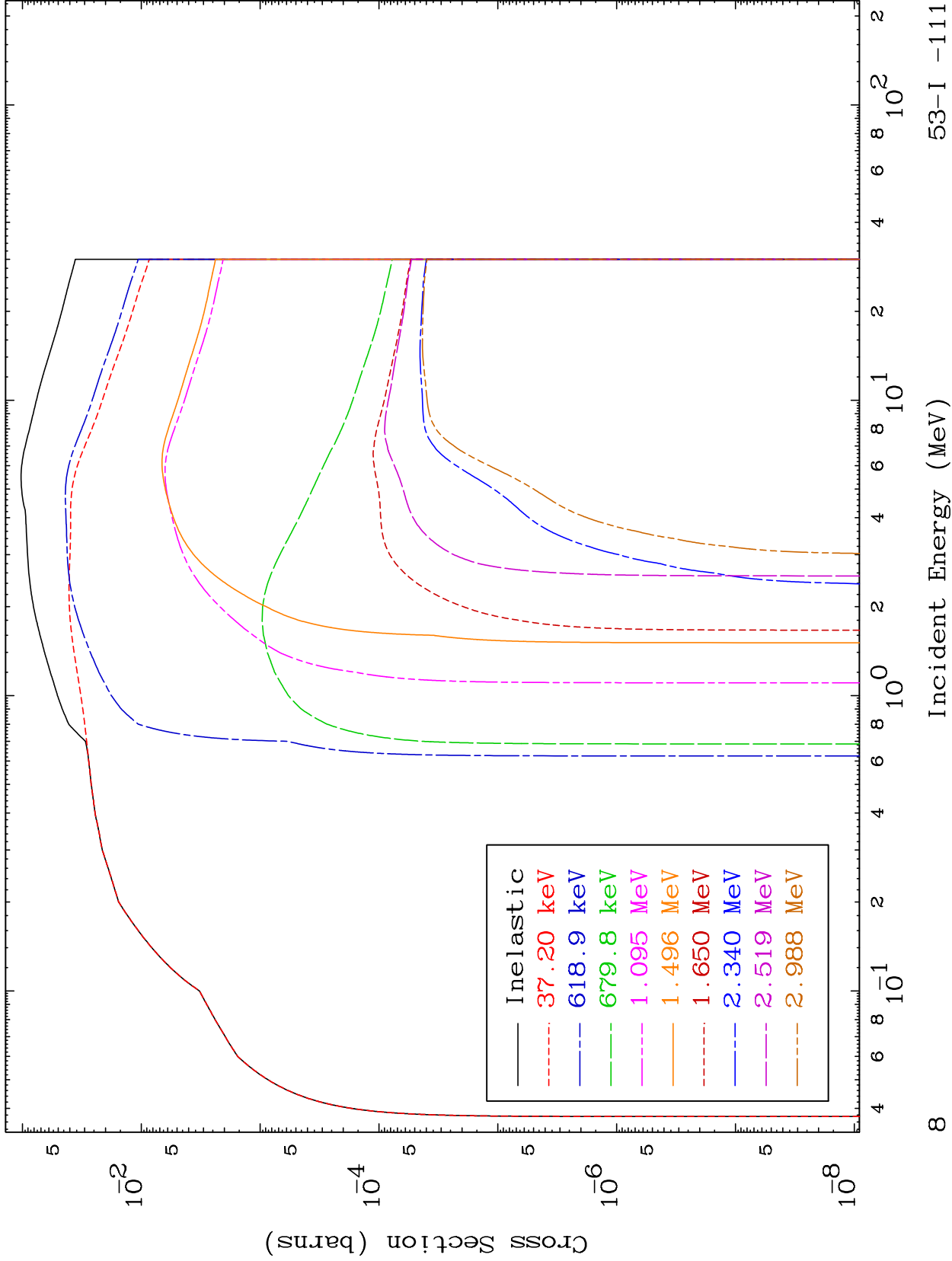




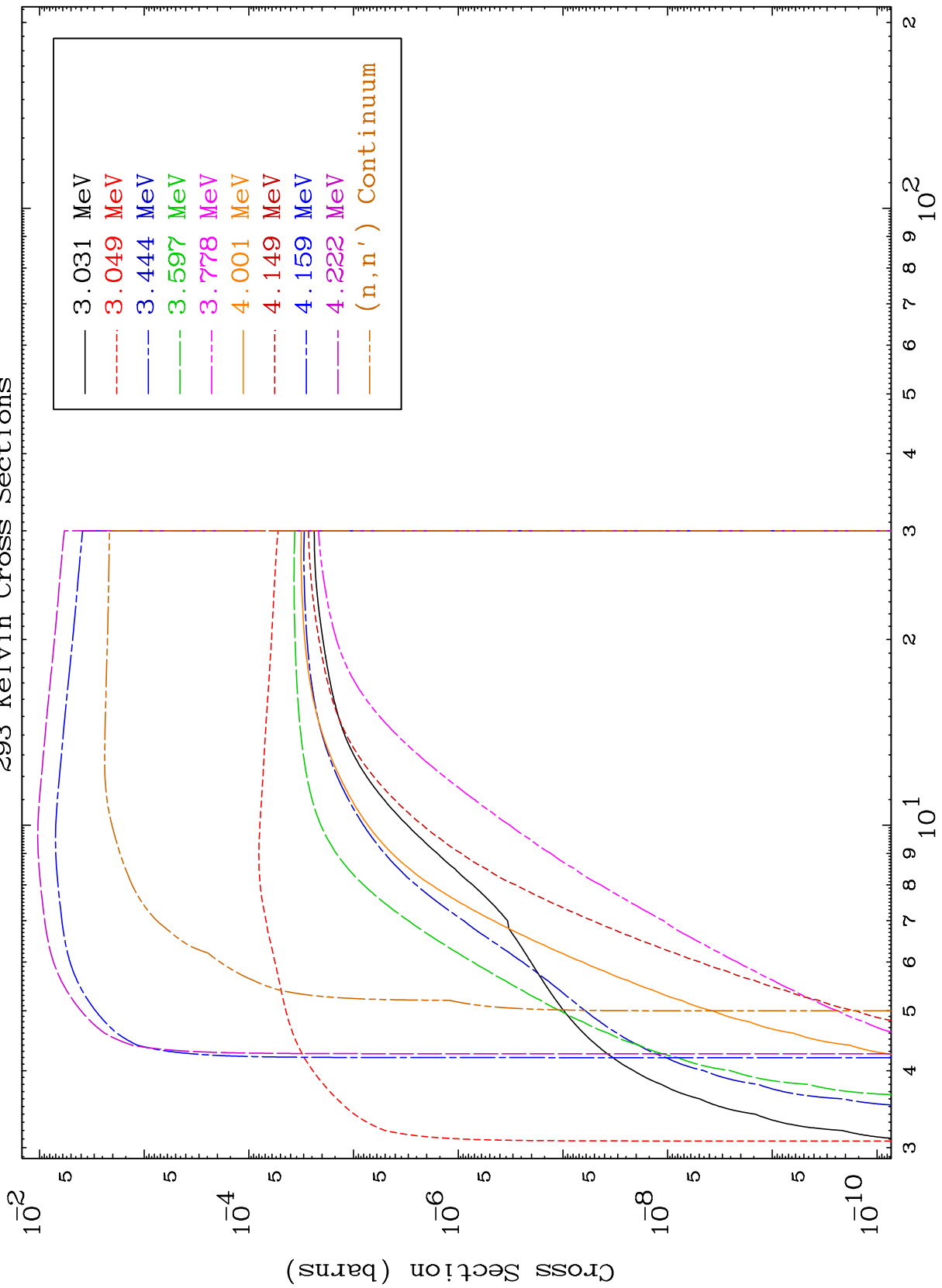




(n,n') Level
293 Kelvin Cross Sections



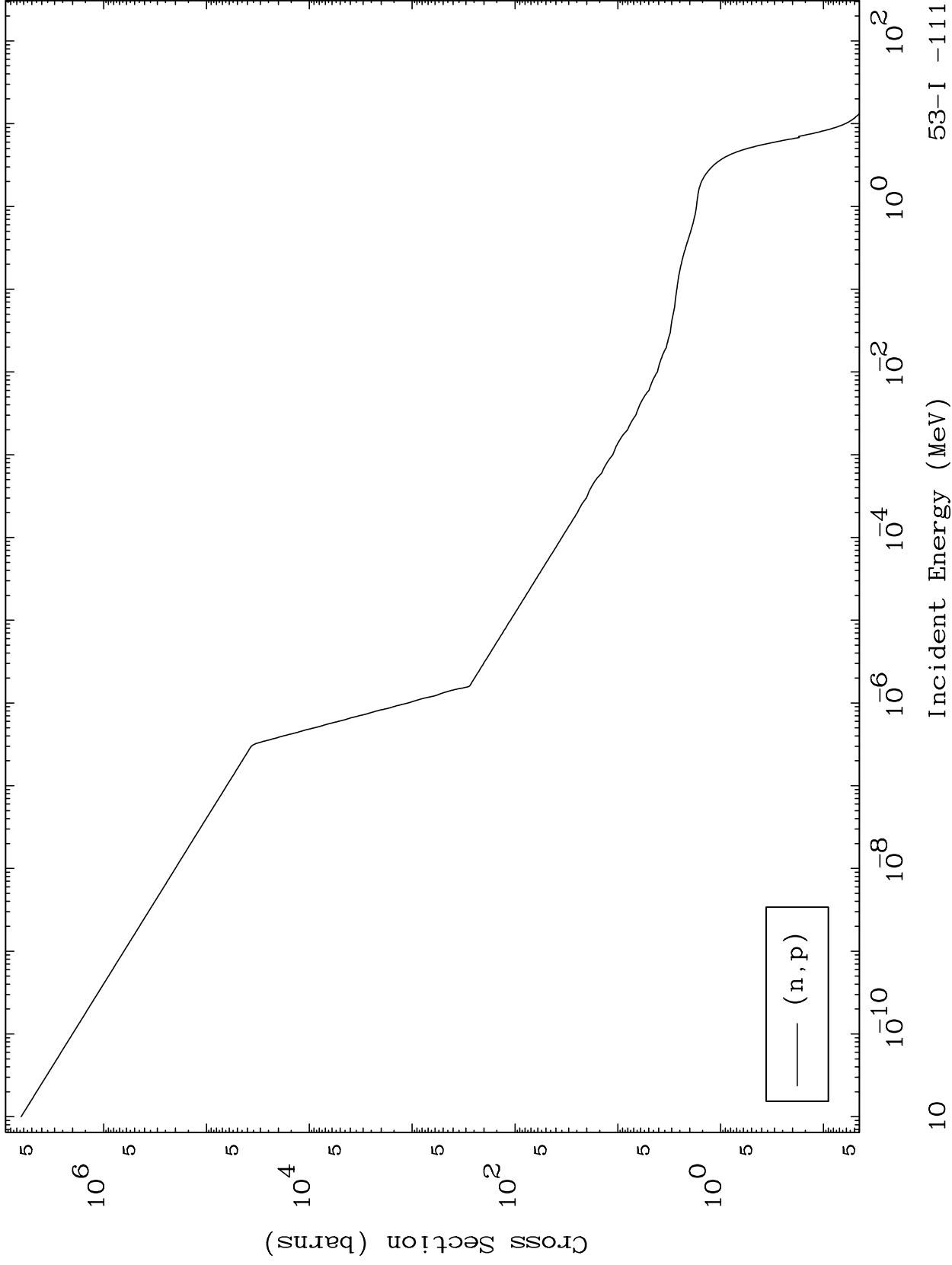
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

53-I -111



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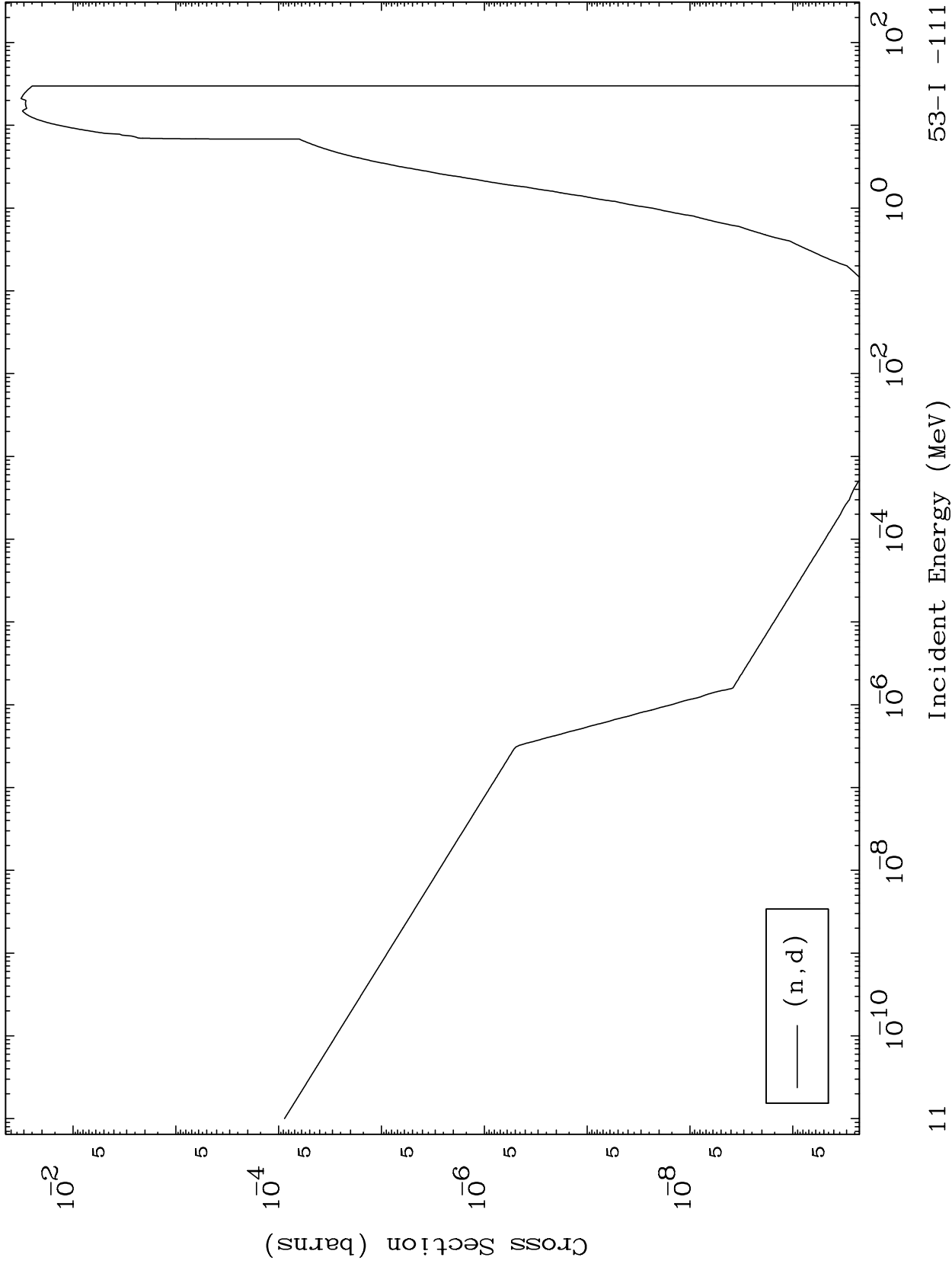
Incident Energy (MeV)

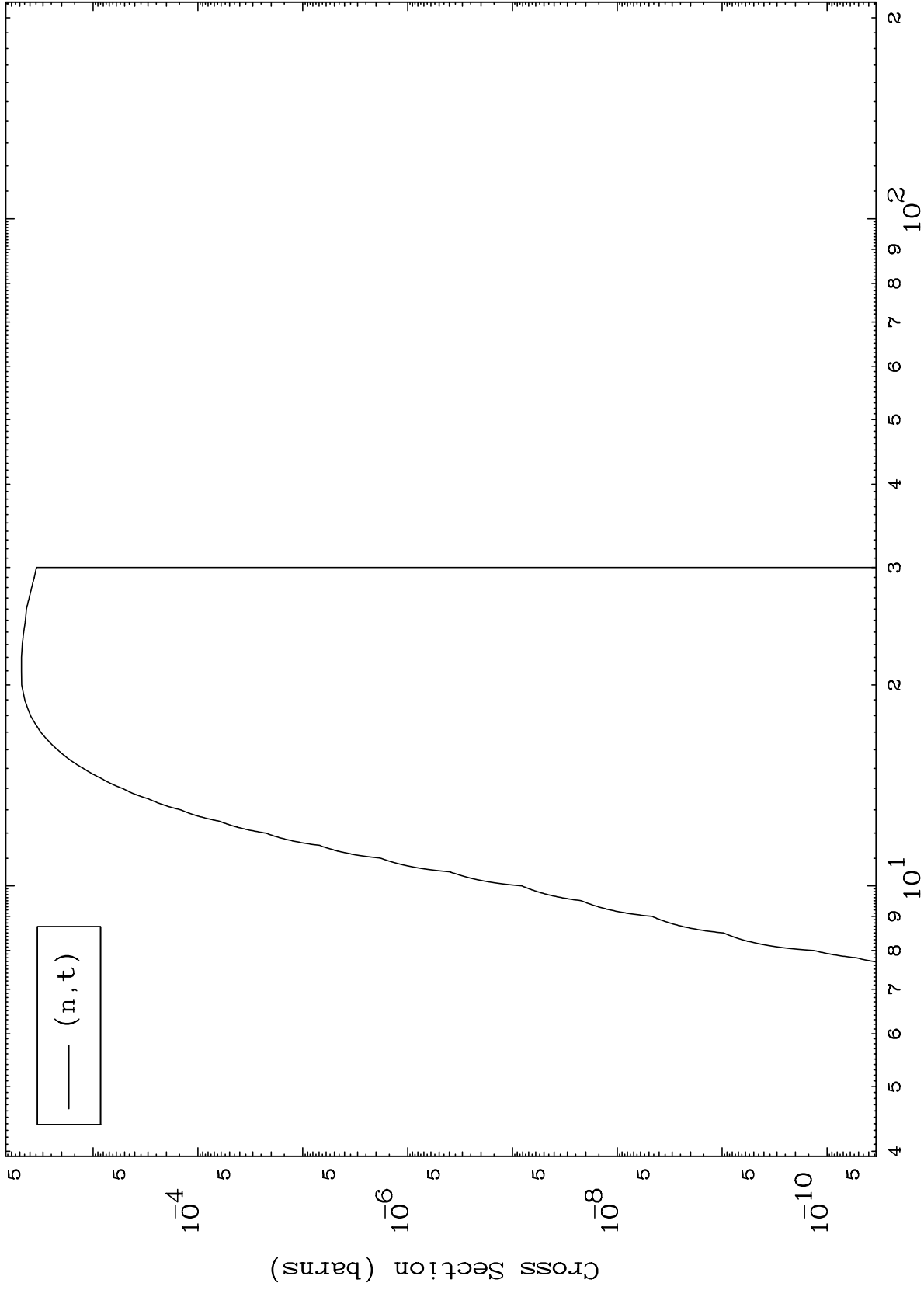
53-I -111

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(n,d) Levels
293 Kelvin Cross Sections

53-I -111

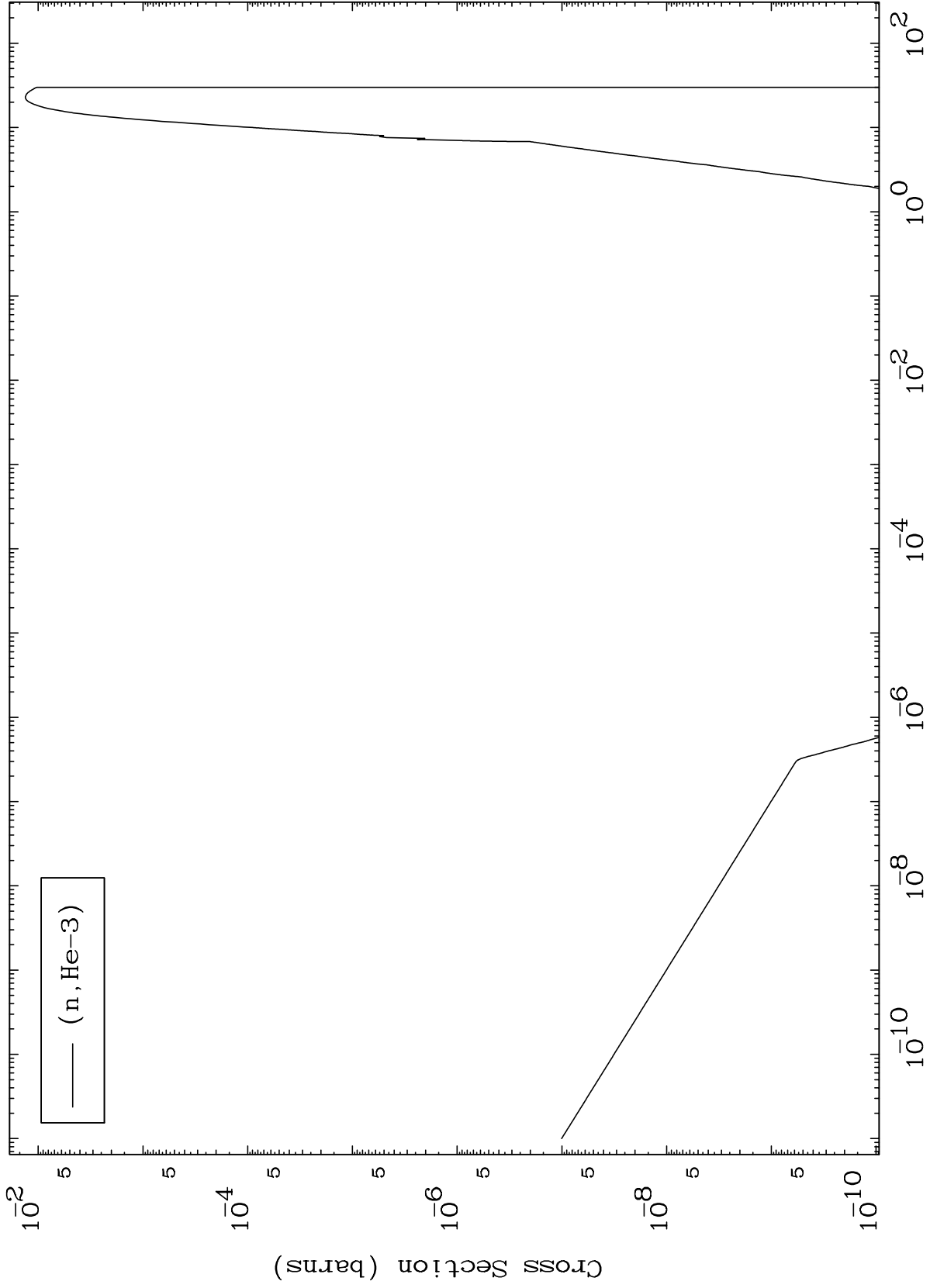




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(n,He3) Levels
293 Kelvin Cross Sections

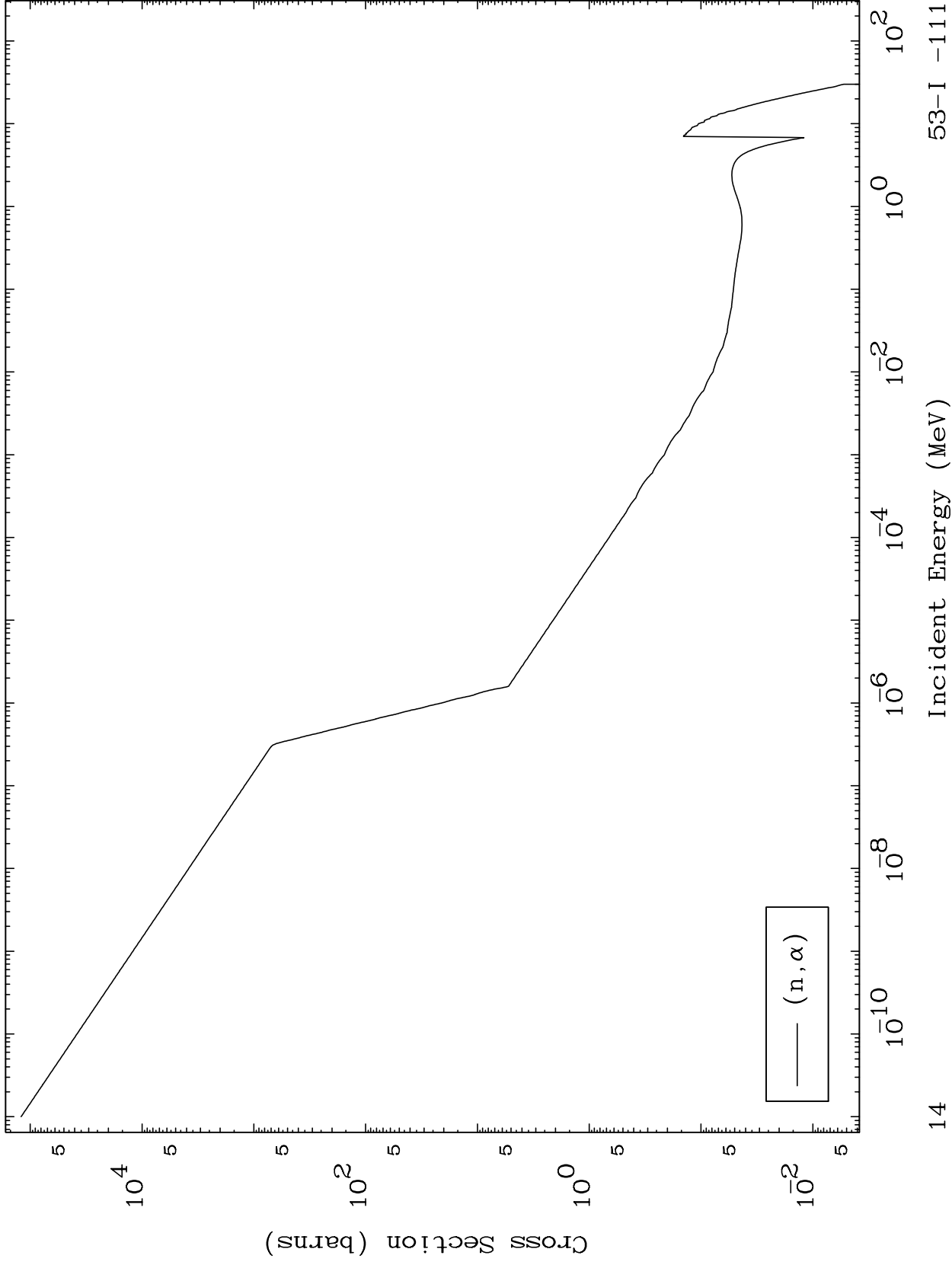
53-I -111



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(n,α) Levels
293 Kelvin Cross Sections

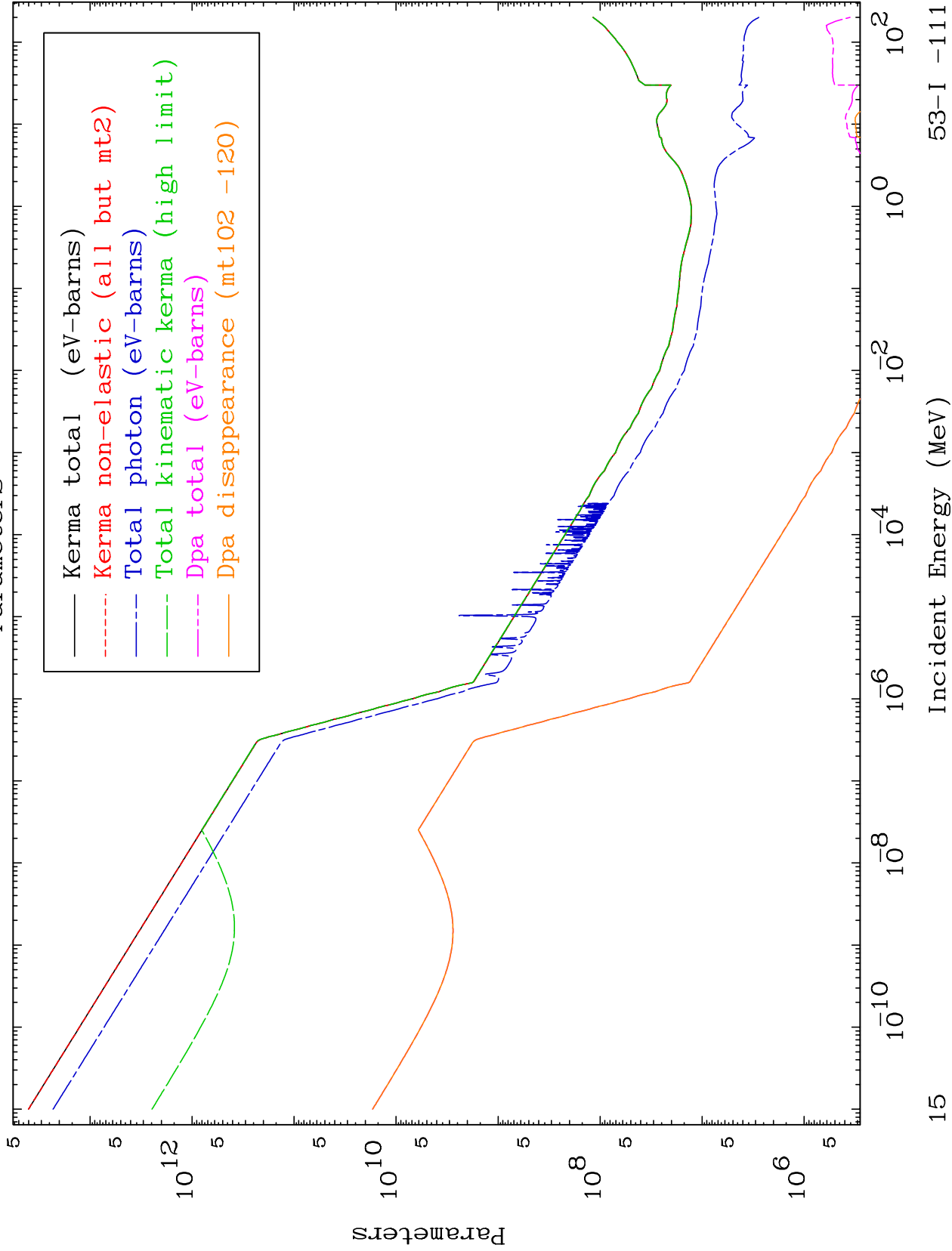
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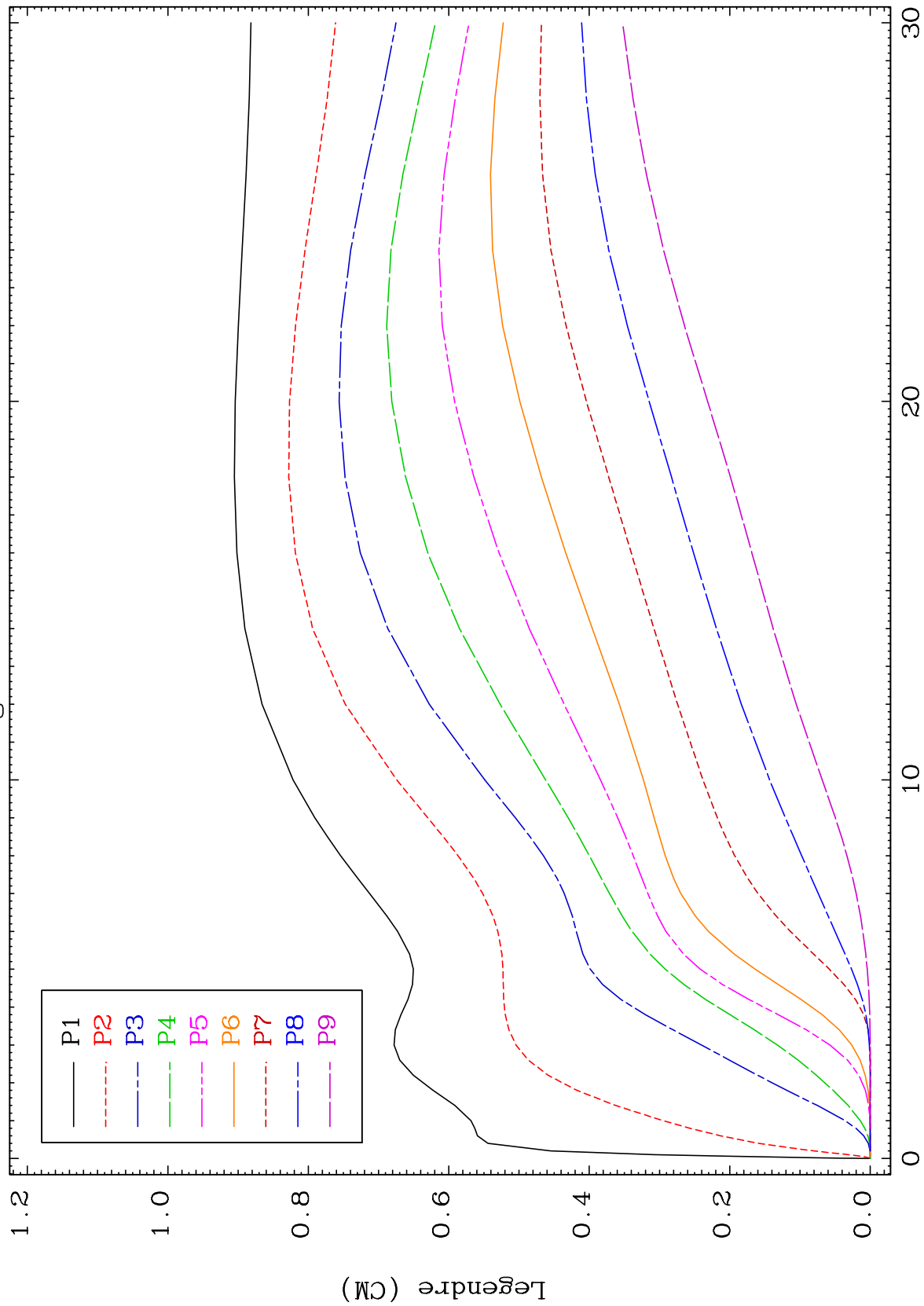


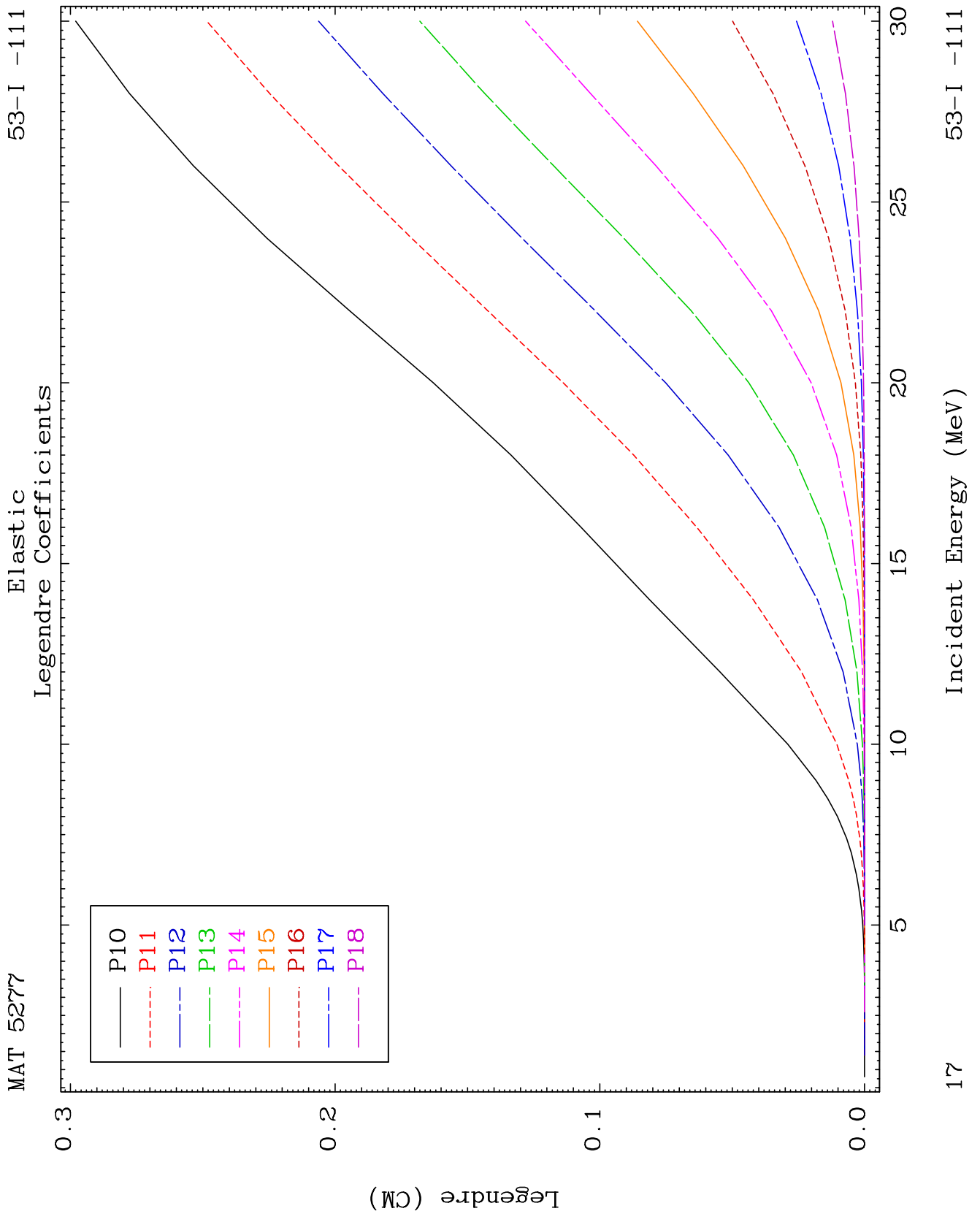
14

Incident Energy (MeV)

53-I -111







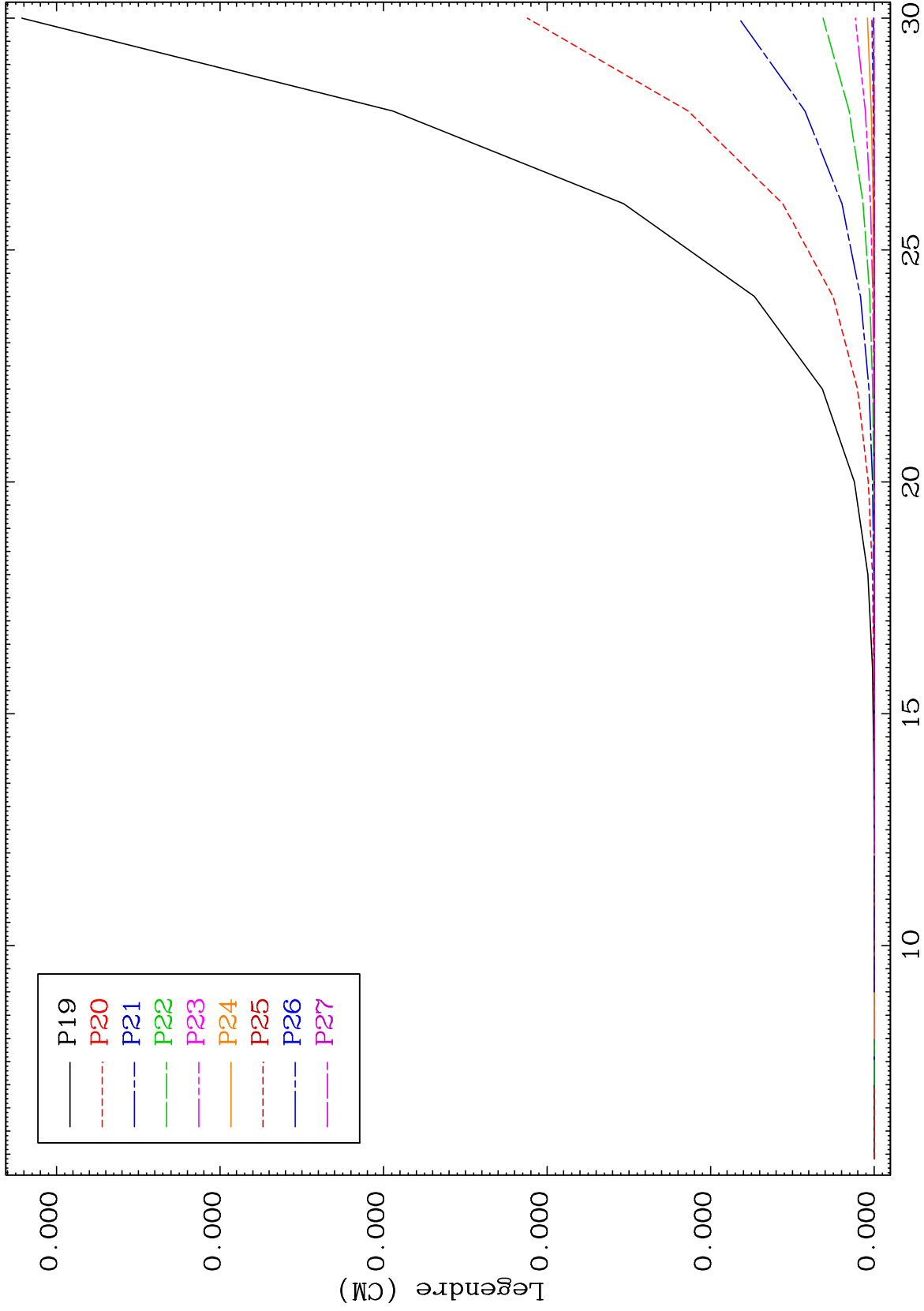
53-I -111

53-I -111

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Elastic Legendre Coefficients

53-I -111



18

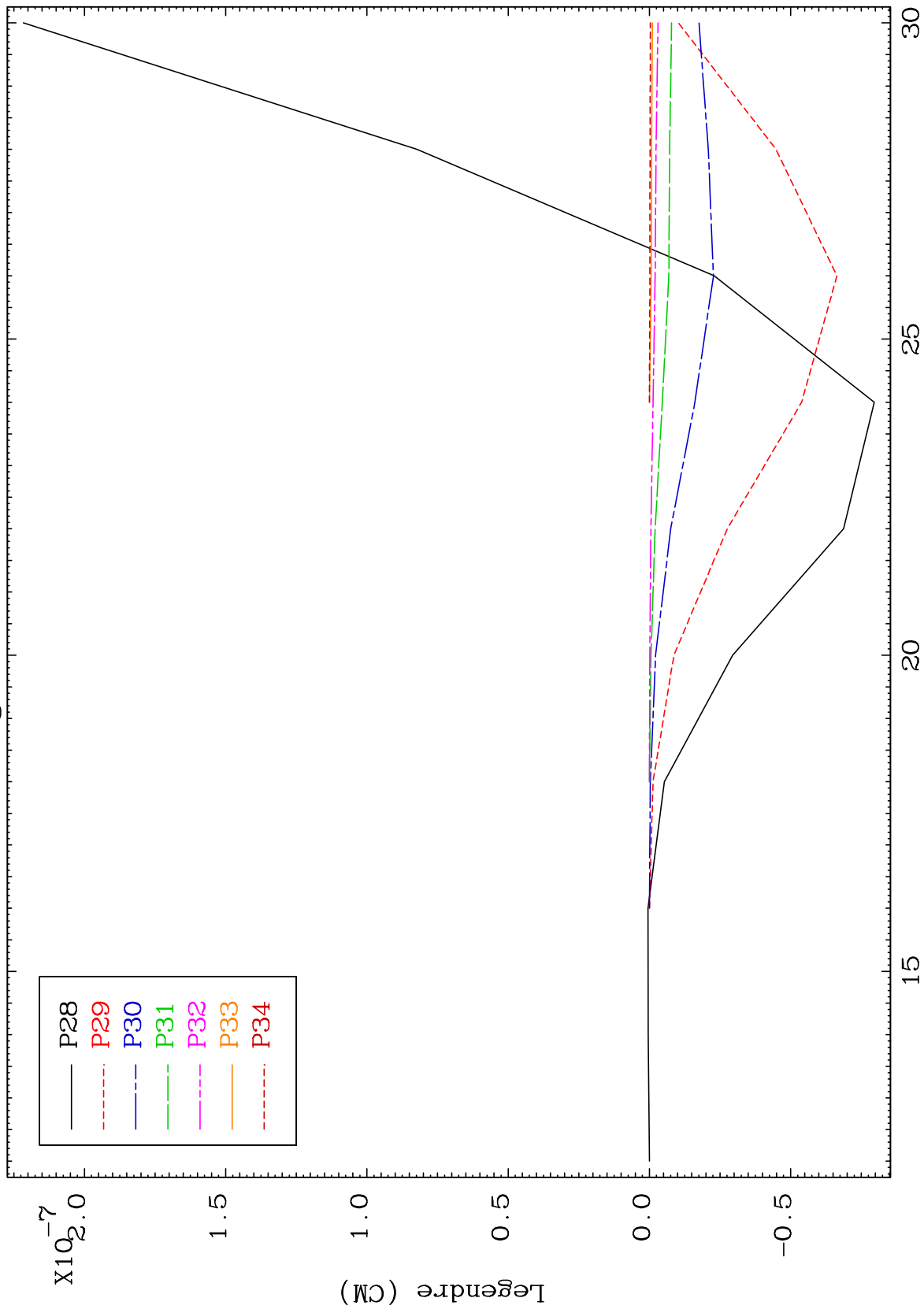
Incident Energy (MeV)

53-I -111

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Elastic Legendre Coefficients

53-I -111



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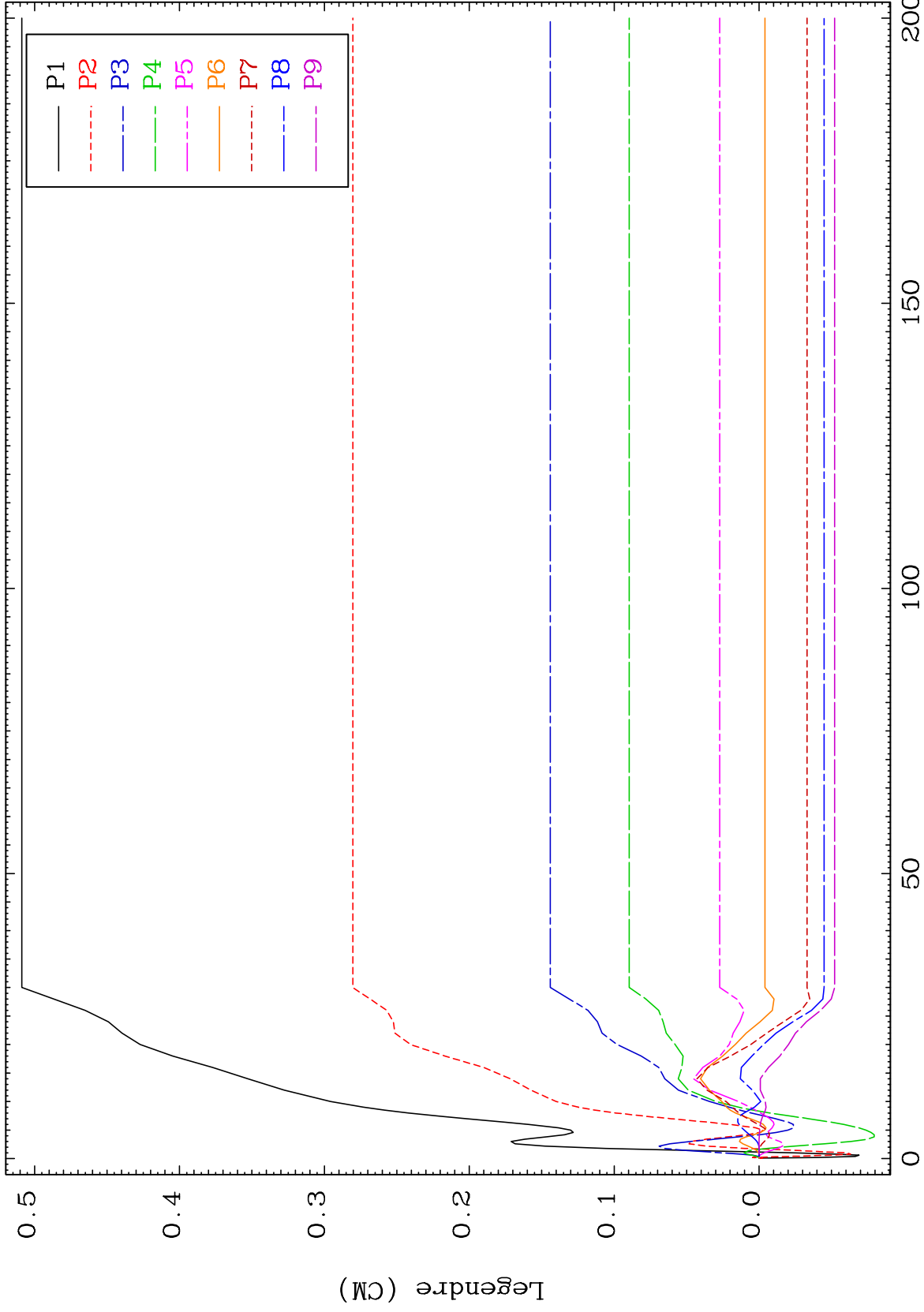
Incident Energy (MeV)

53-I -111

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37.20 keV (n,n') Level
Legendre Coefficients

53-I -111



0

50

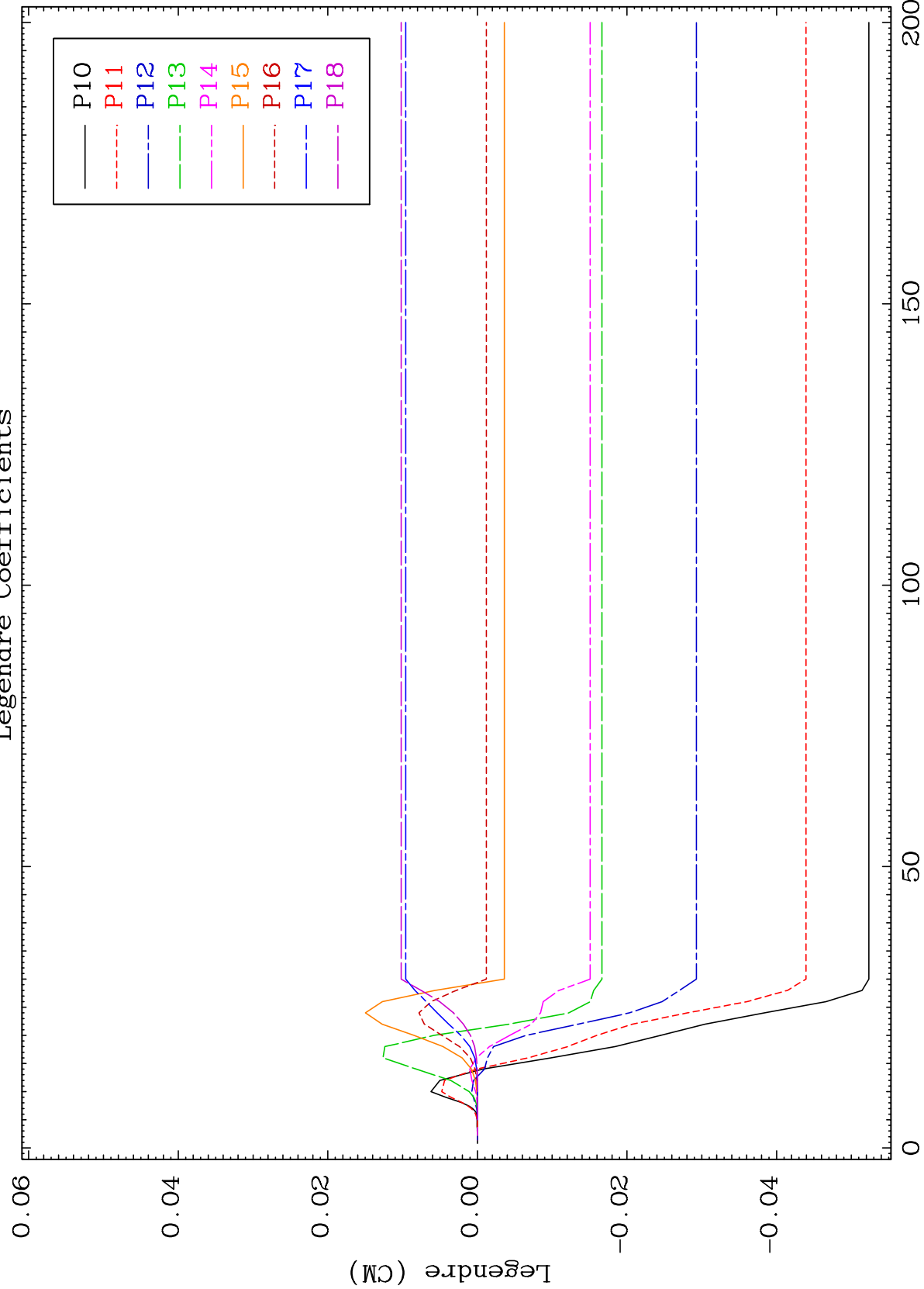
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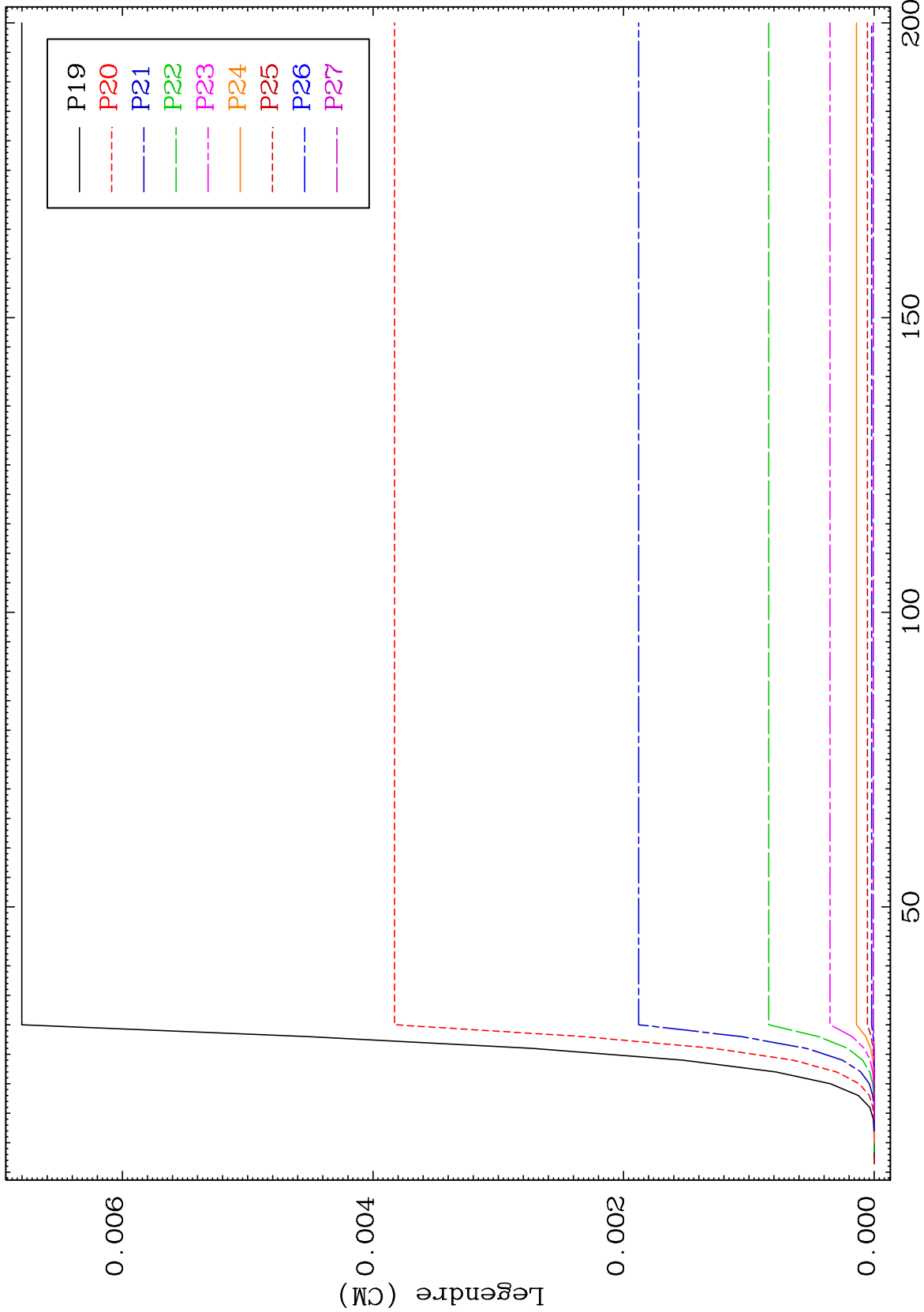
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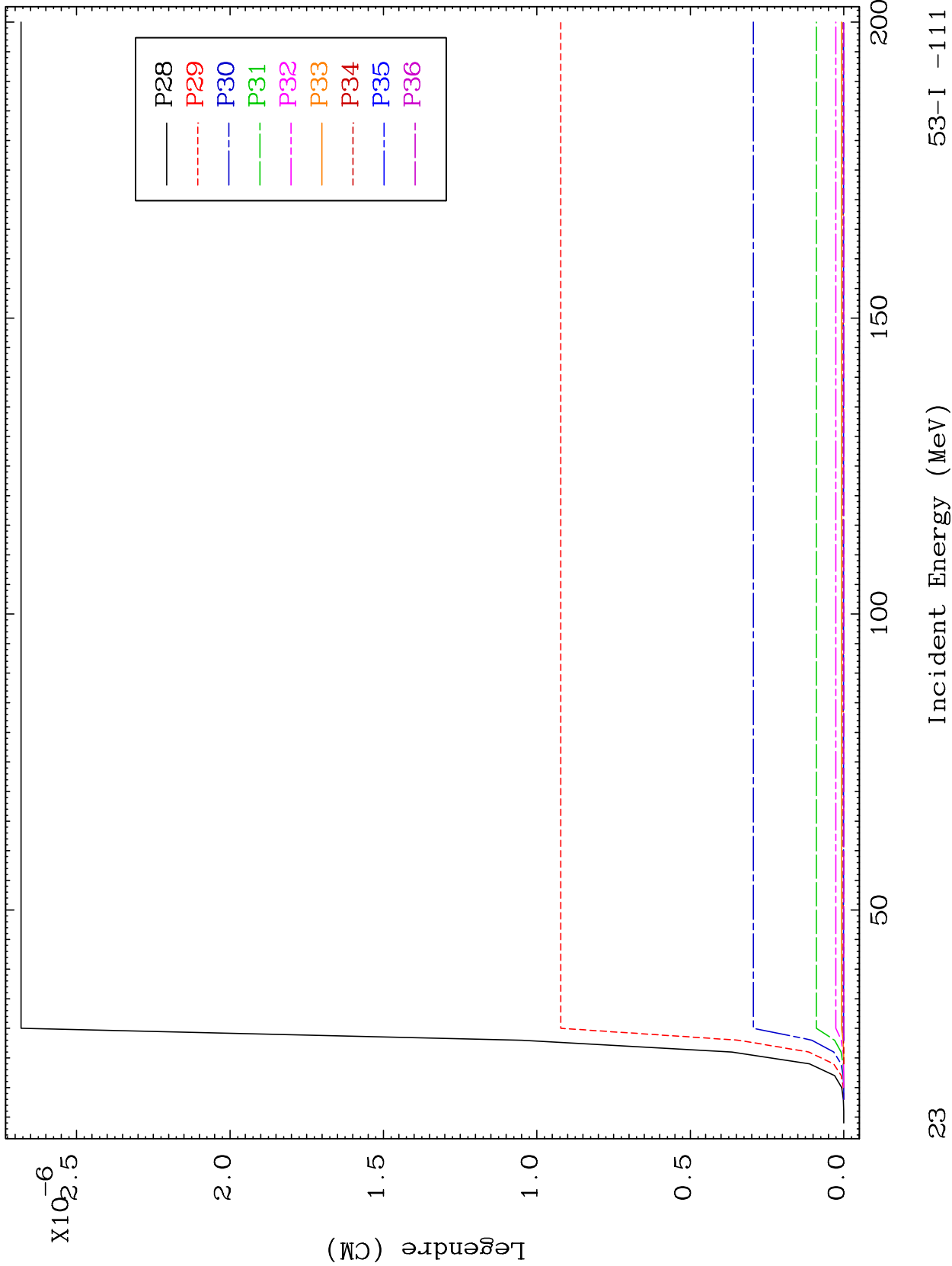
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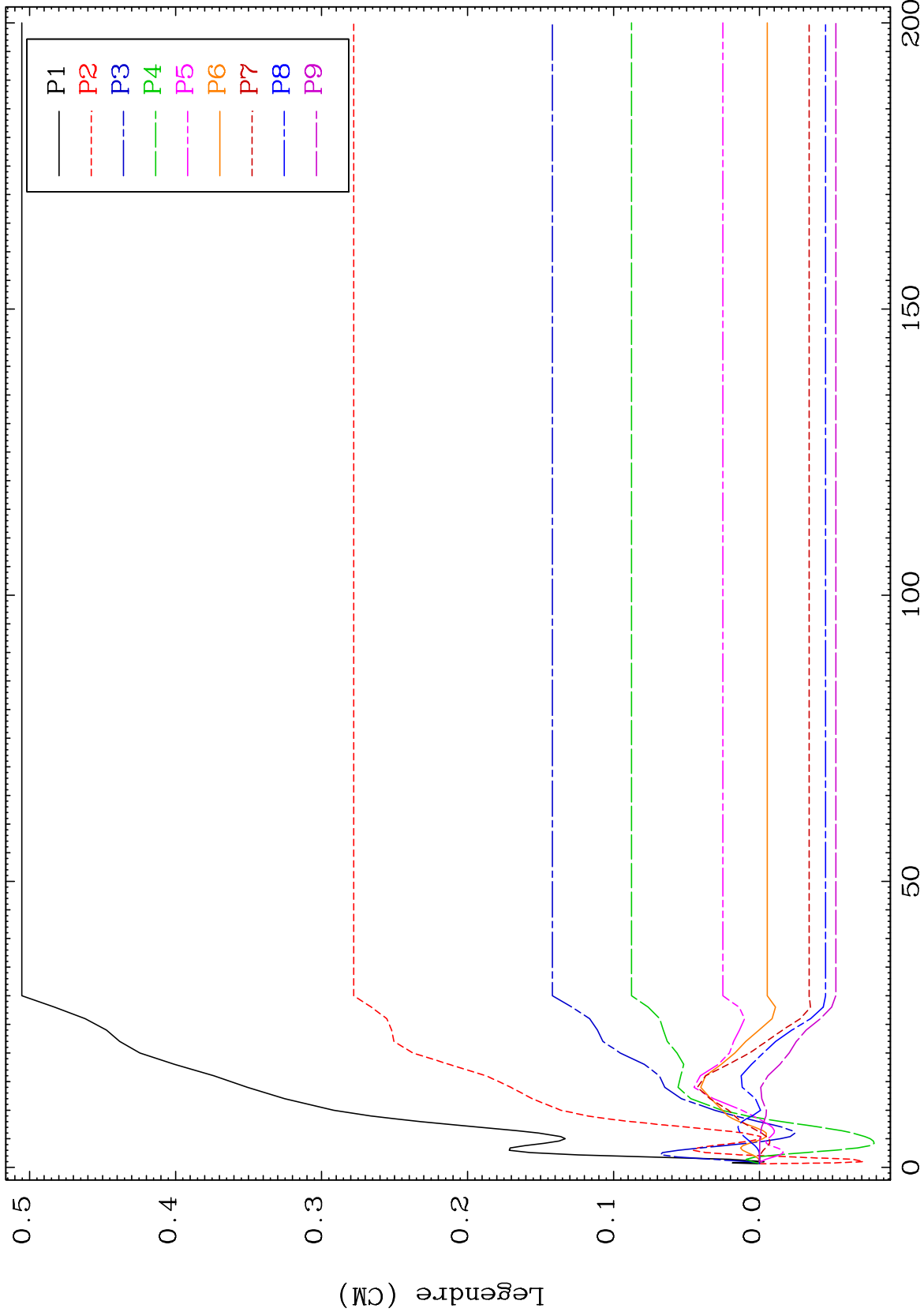
Incident Energy (MeV)

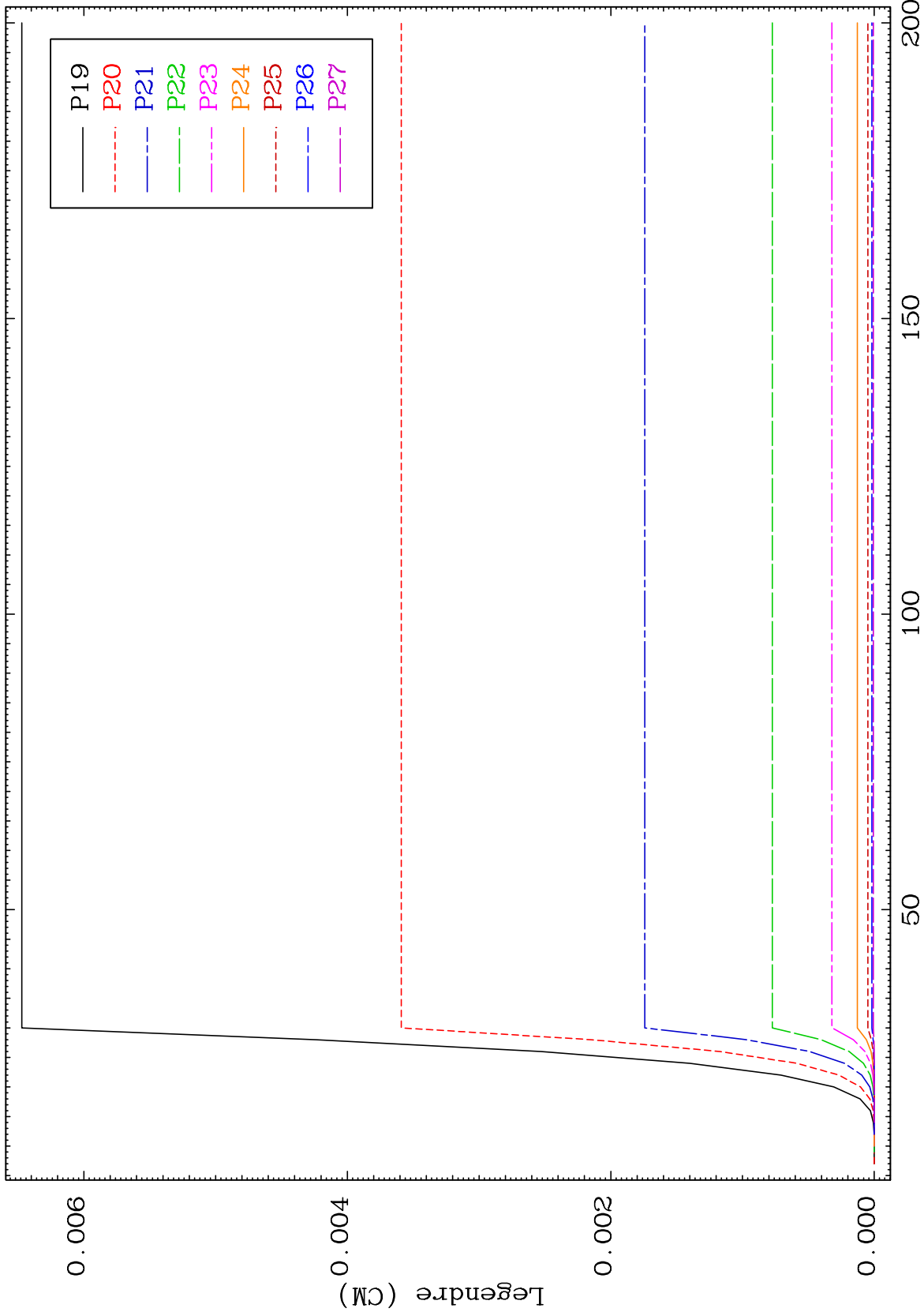
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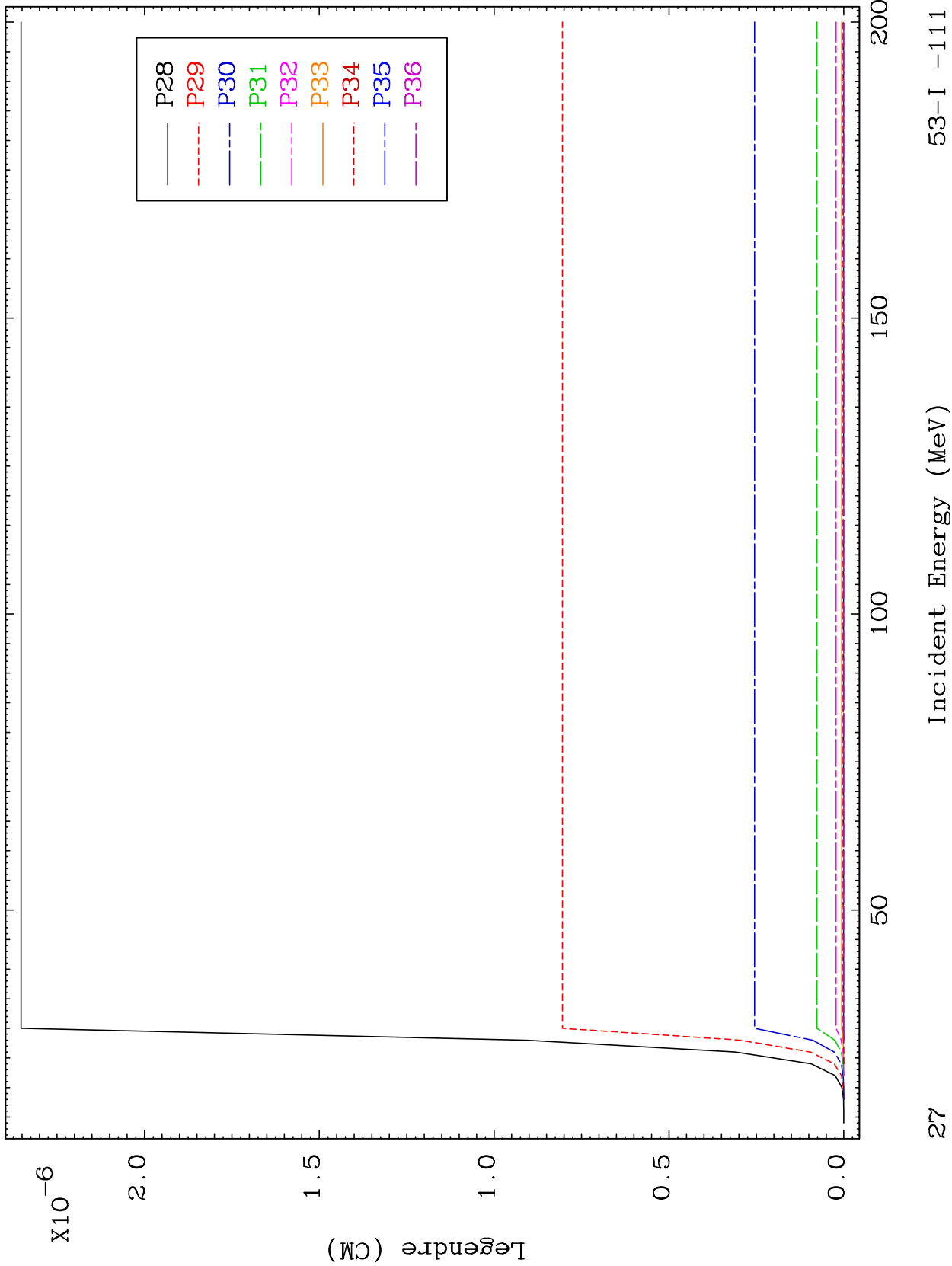


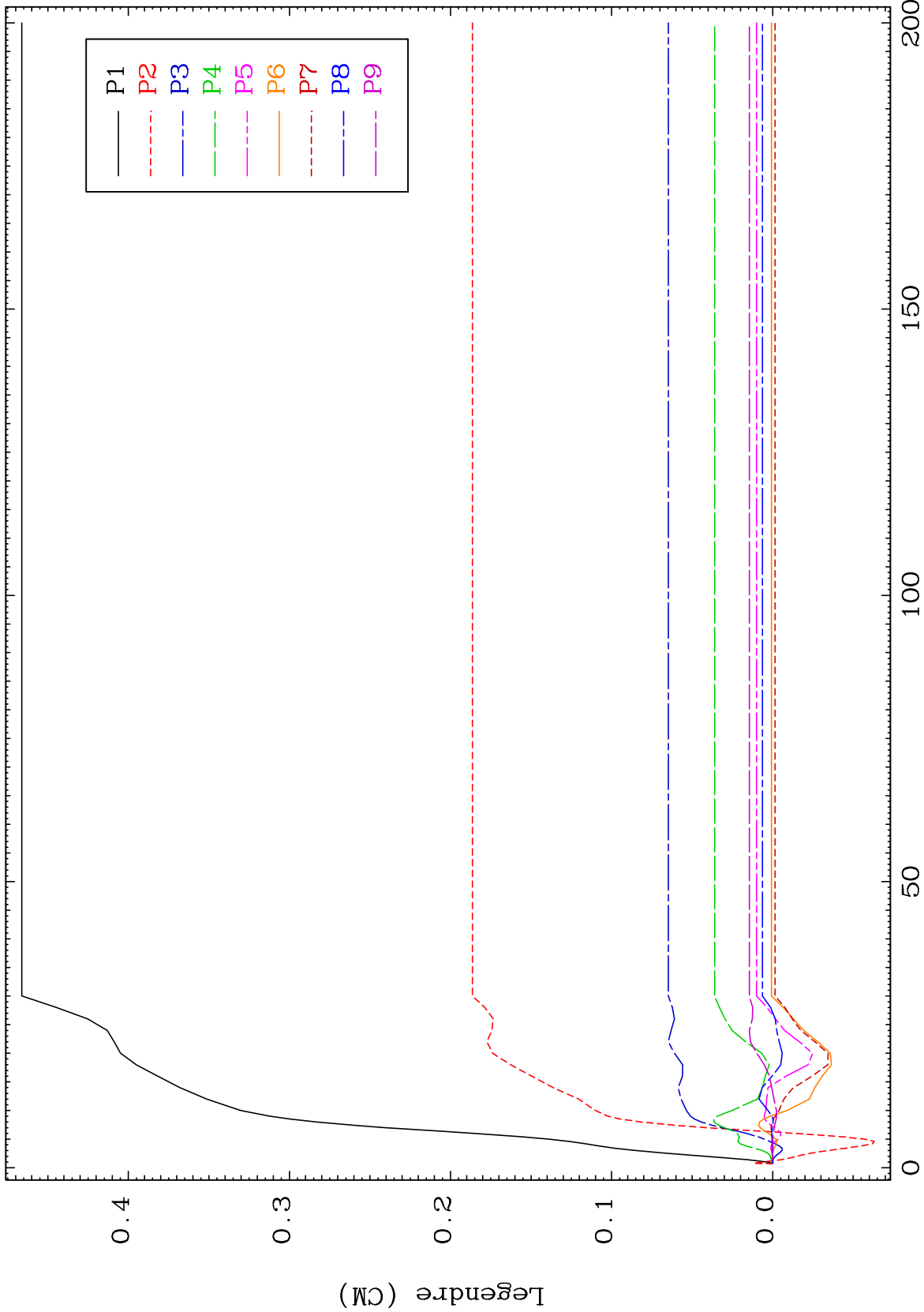


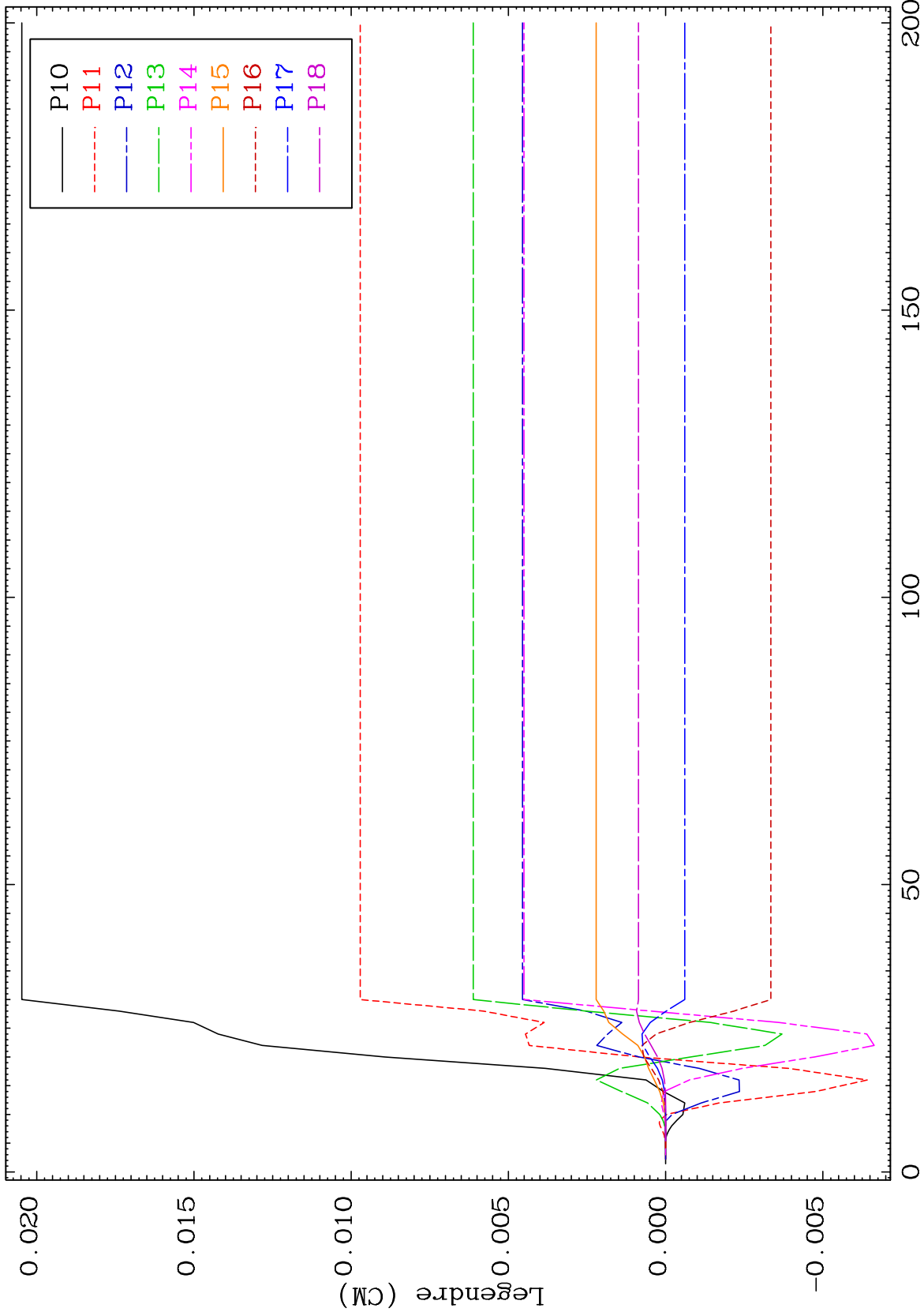








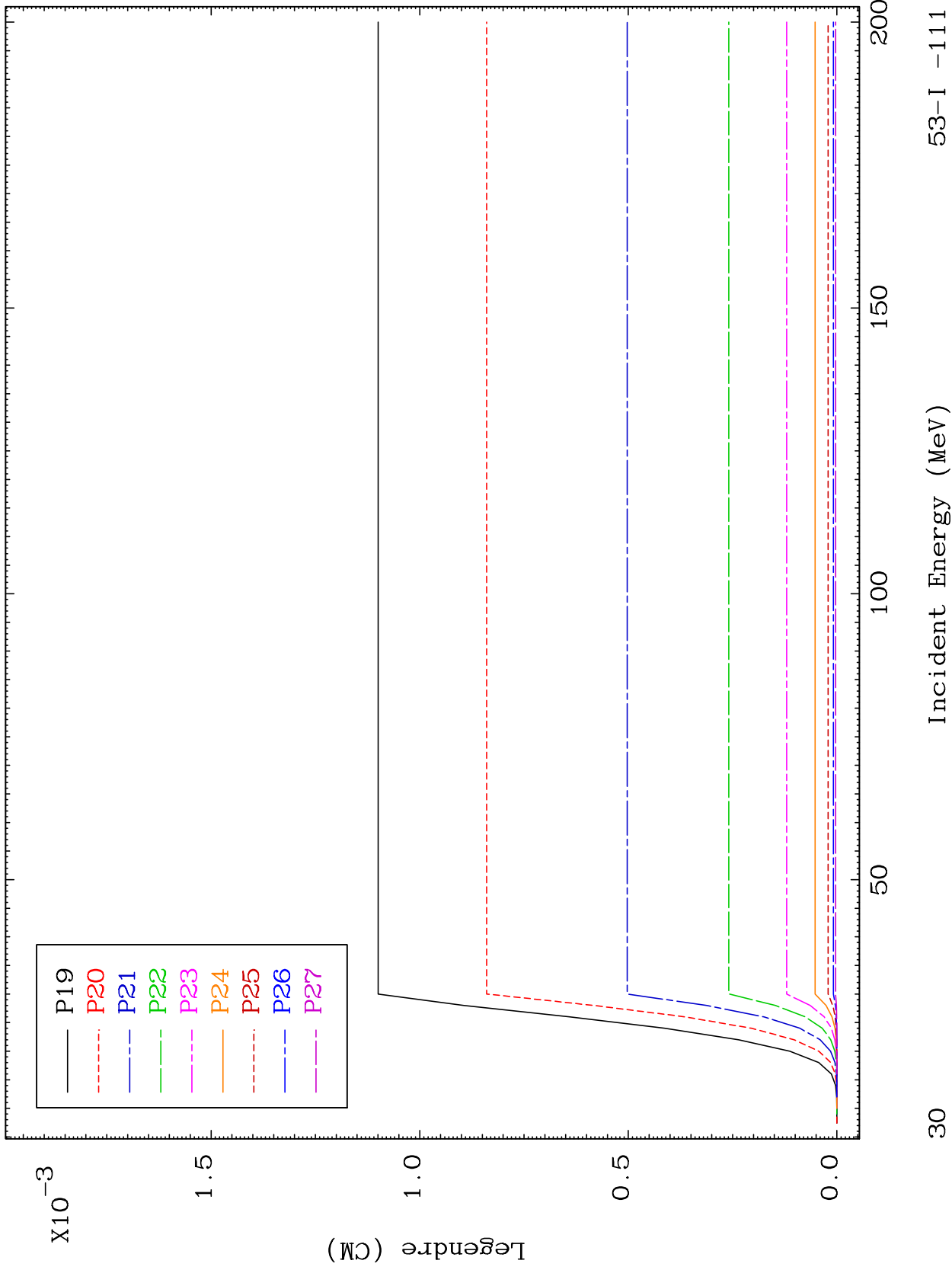


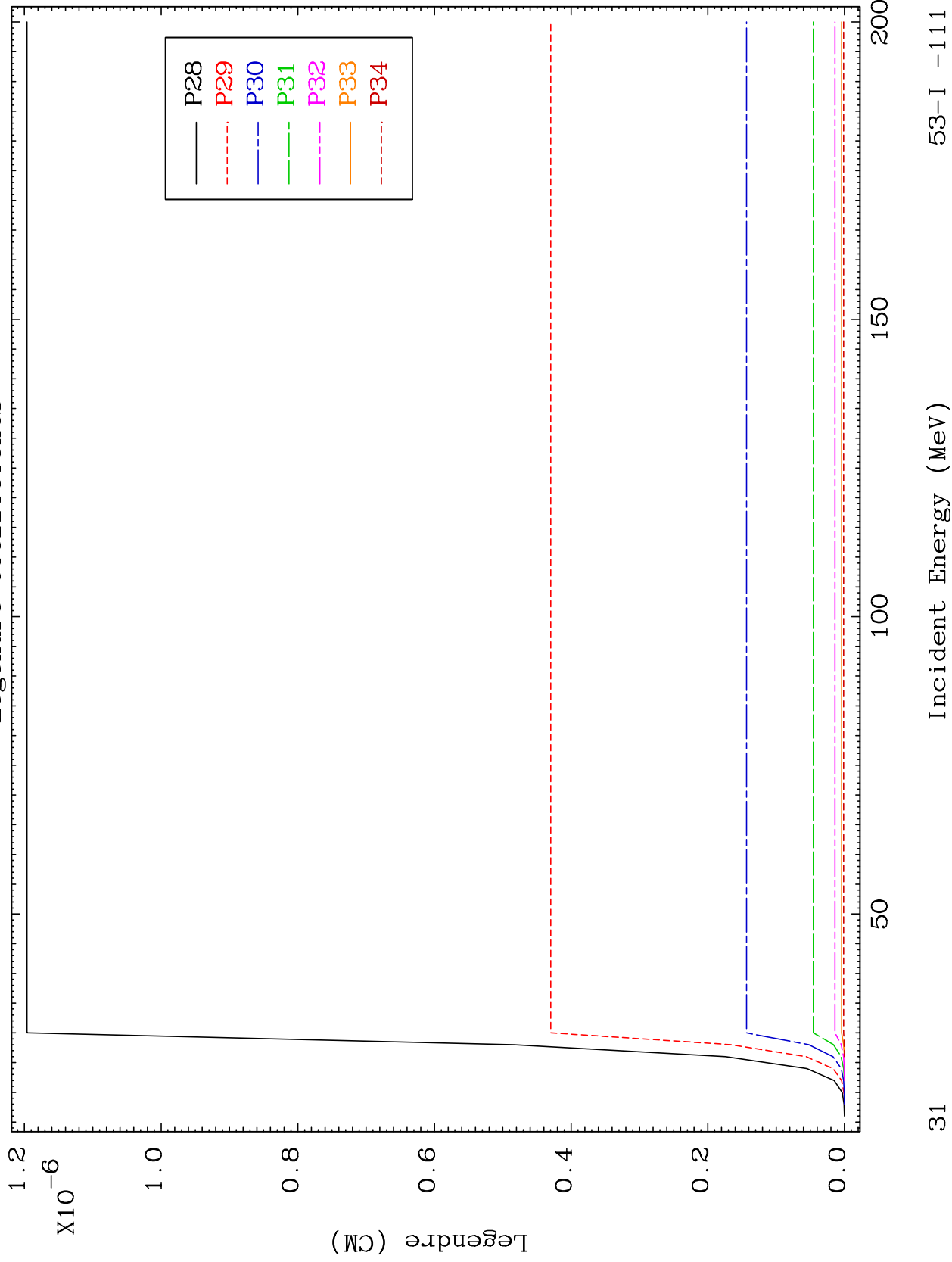


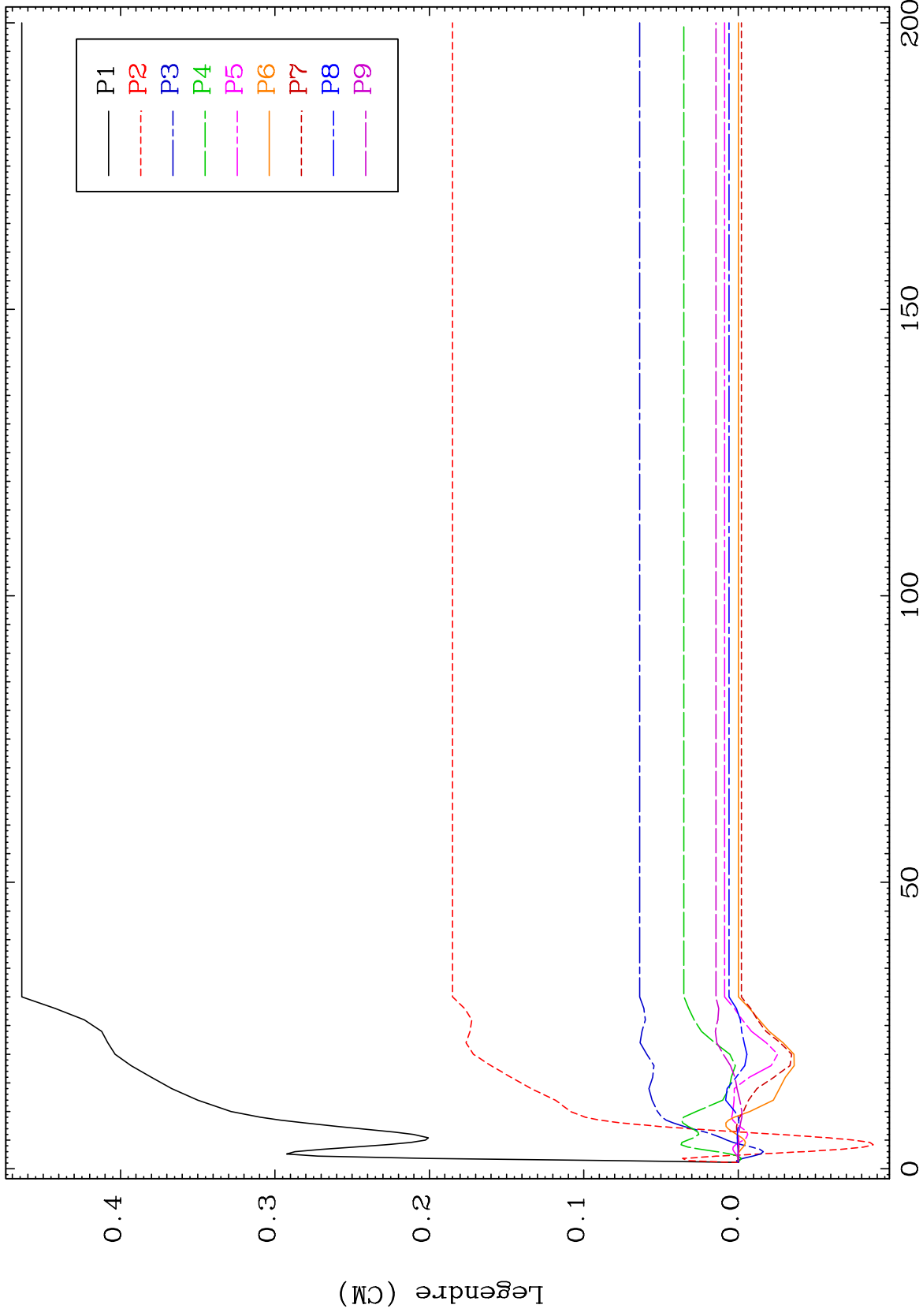
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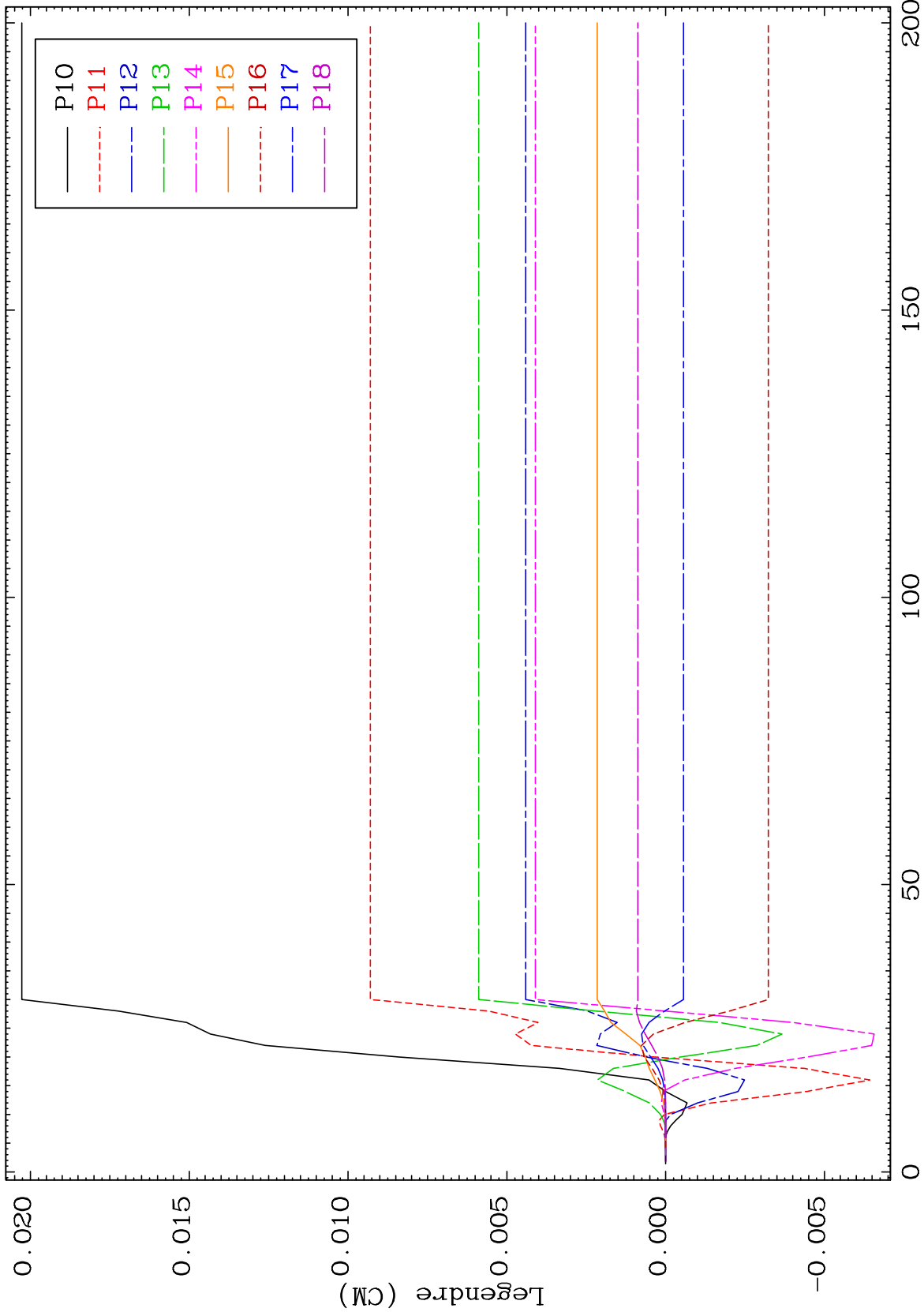
679.8 keV (n,n') Level
Legendre Coefficients

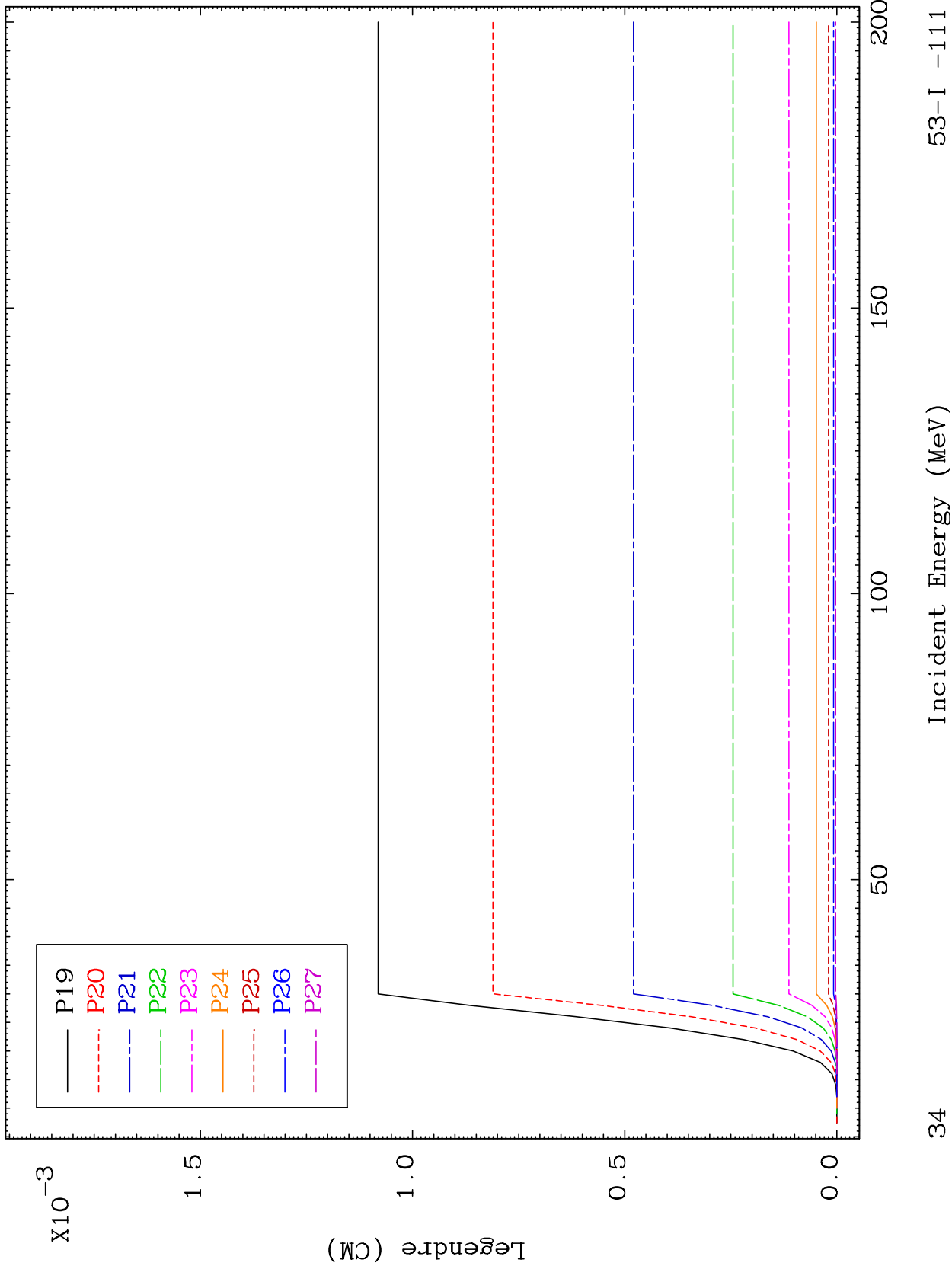
53-I -111







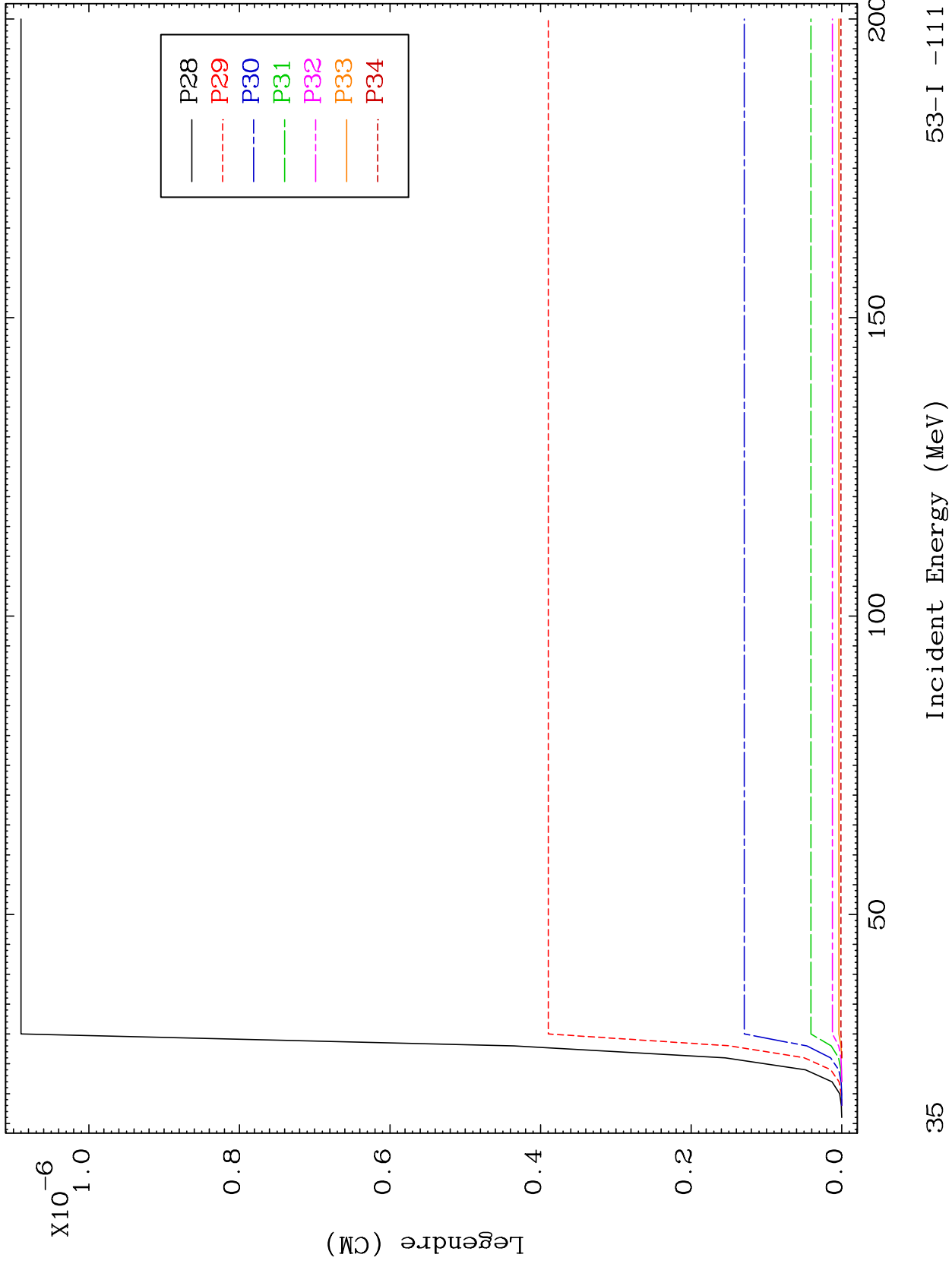




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1.095 MeV (n,n') Level
Legendre Coefficients

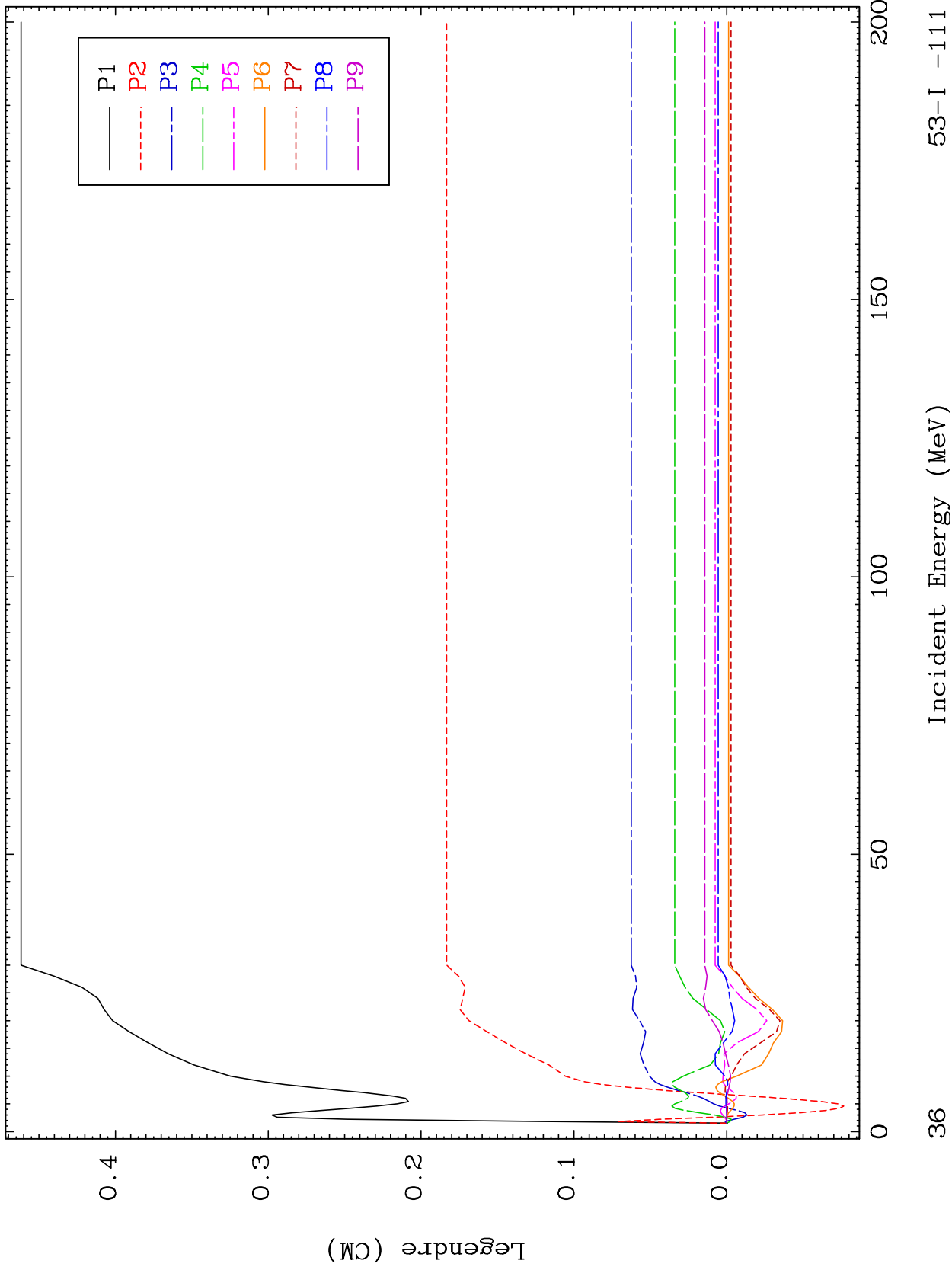
53-I -111



53-I -111

Incident Energy (MeV)

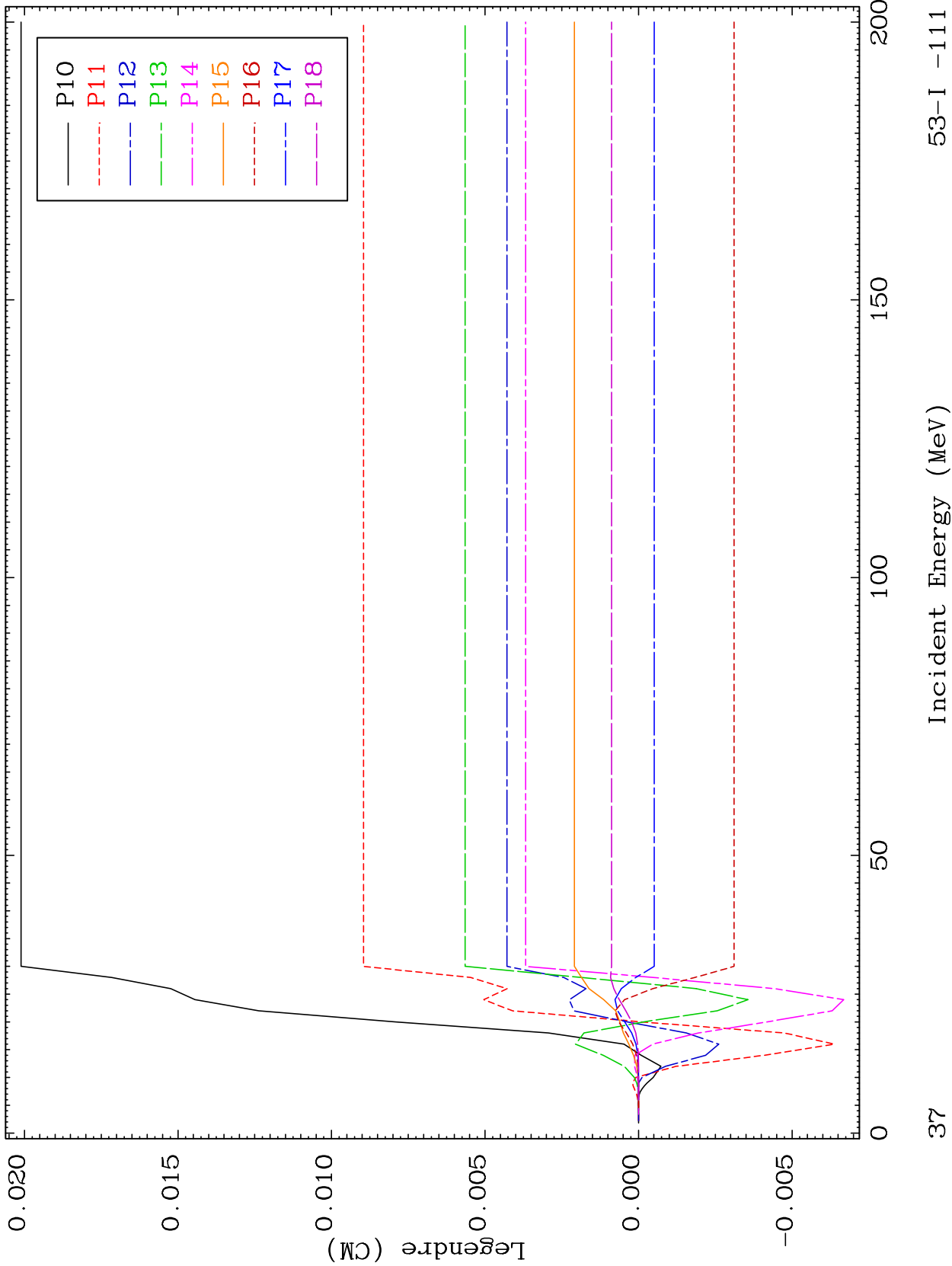
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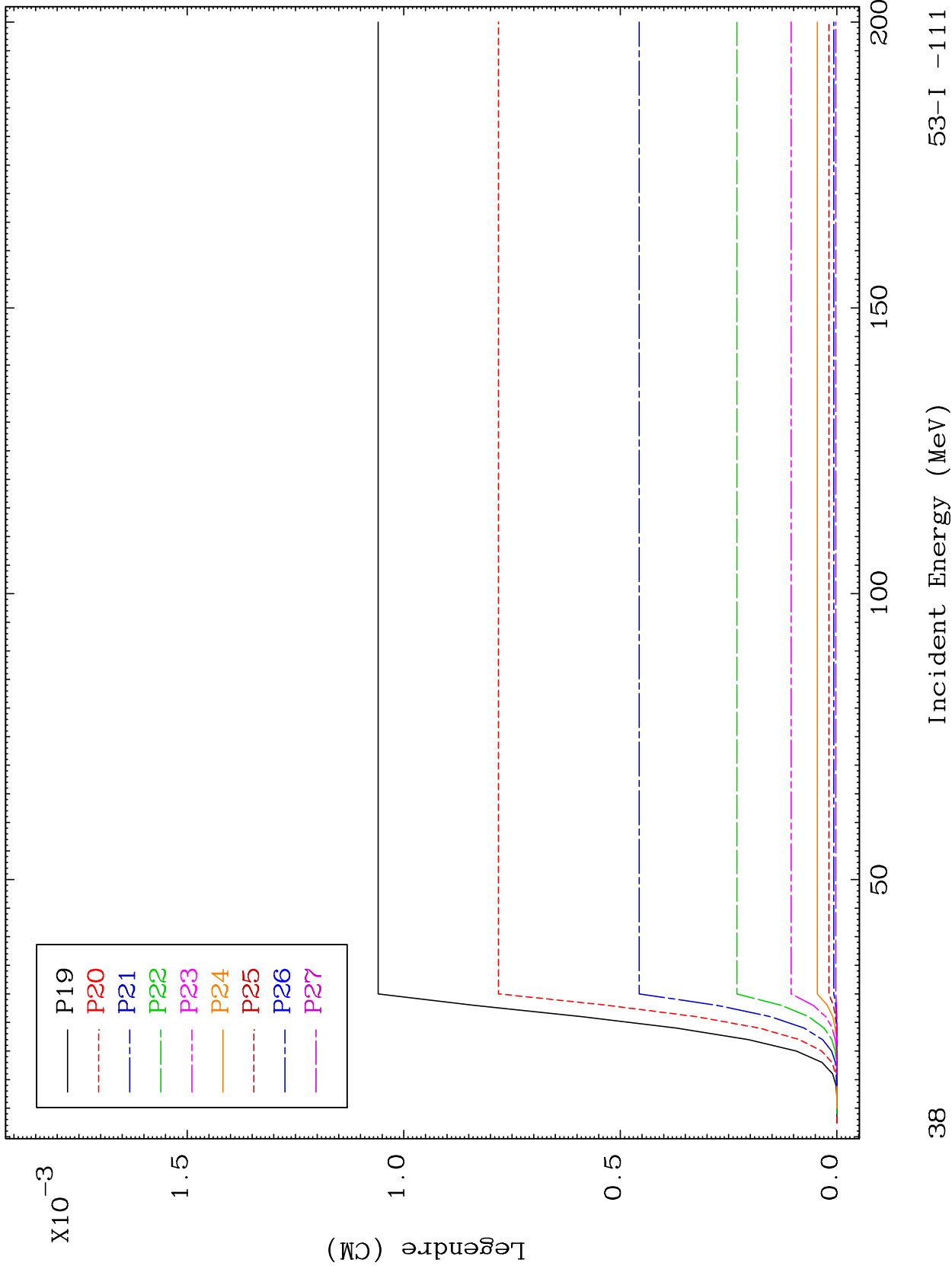


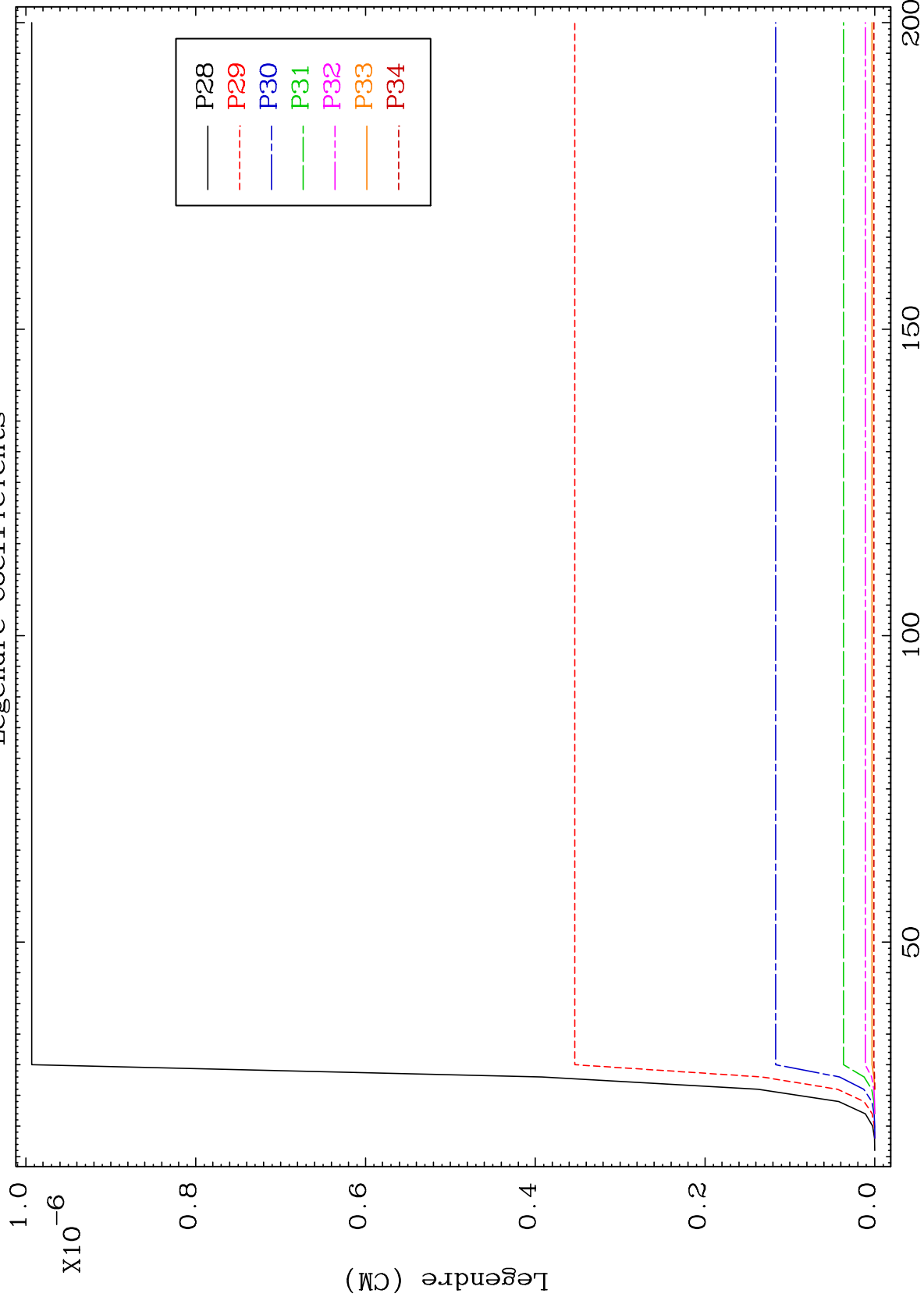
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1.496 MeV (n,n') Level
Legendre Coefficients

53-I -111



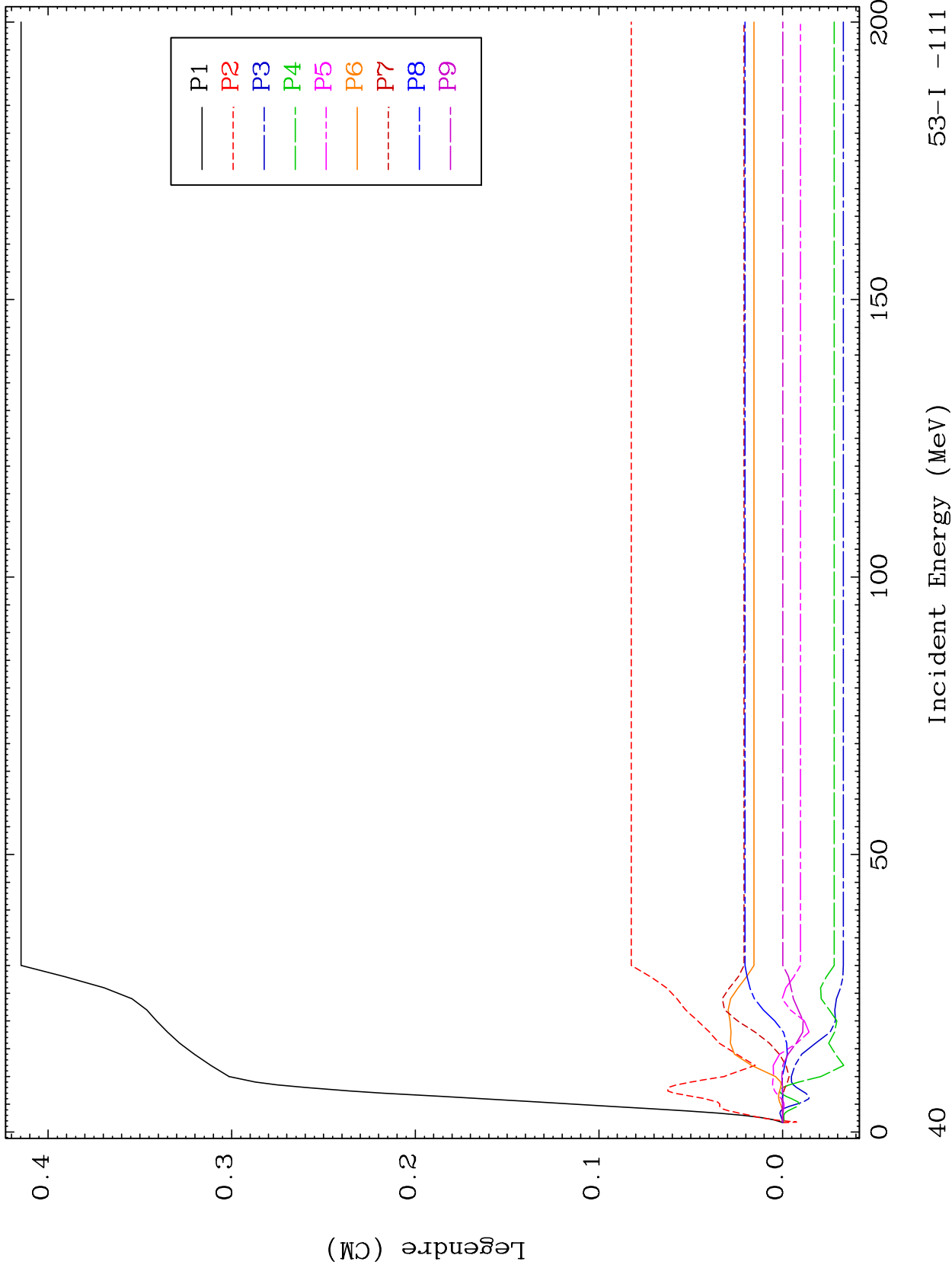




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1.650 MeV (n,n') Level
Legendre Coefficients

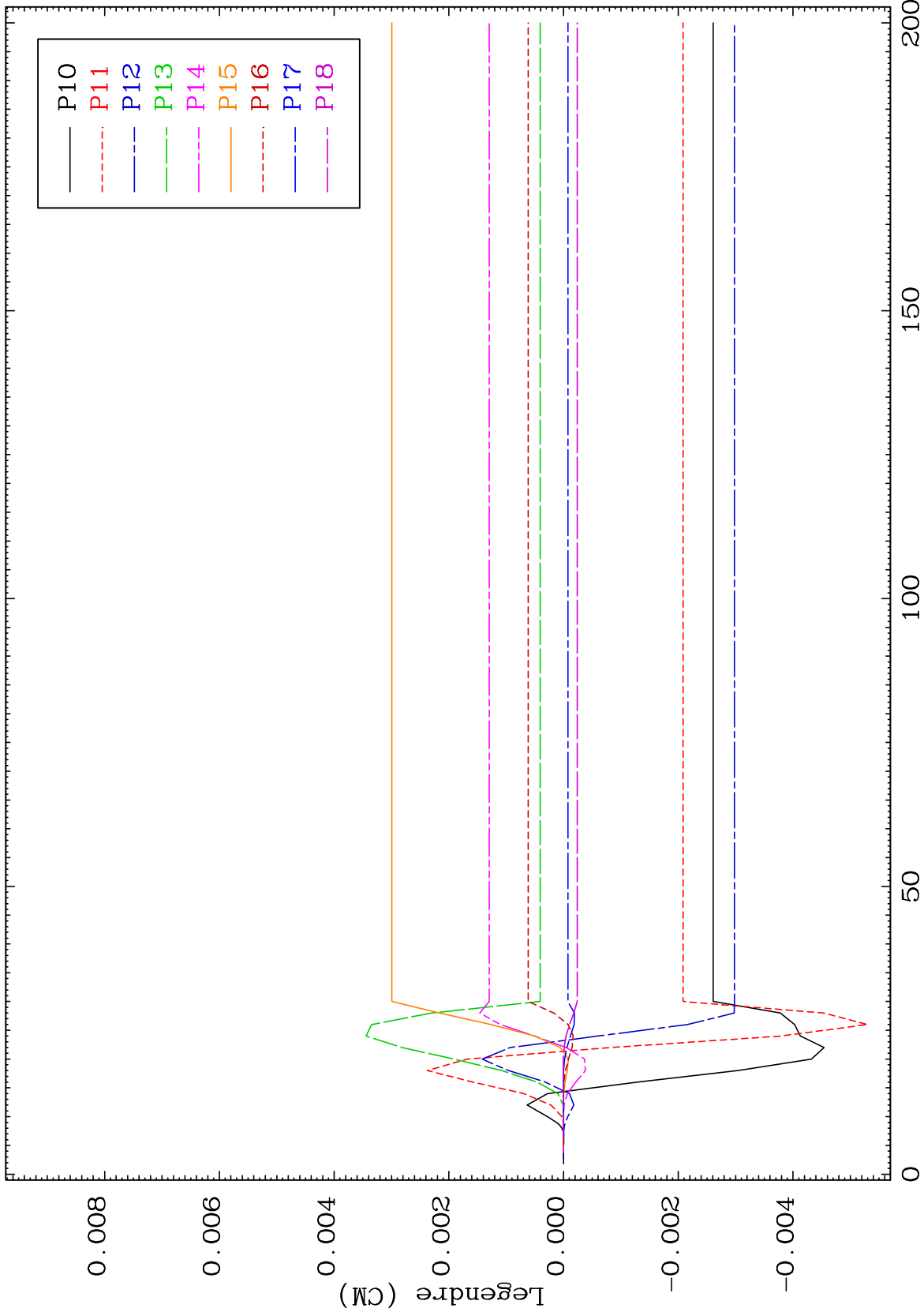
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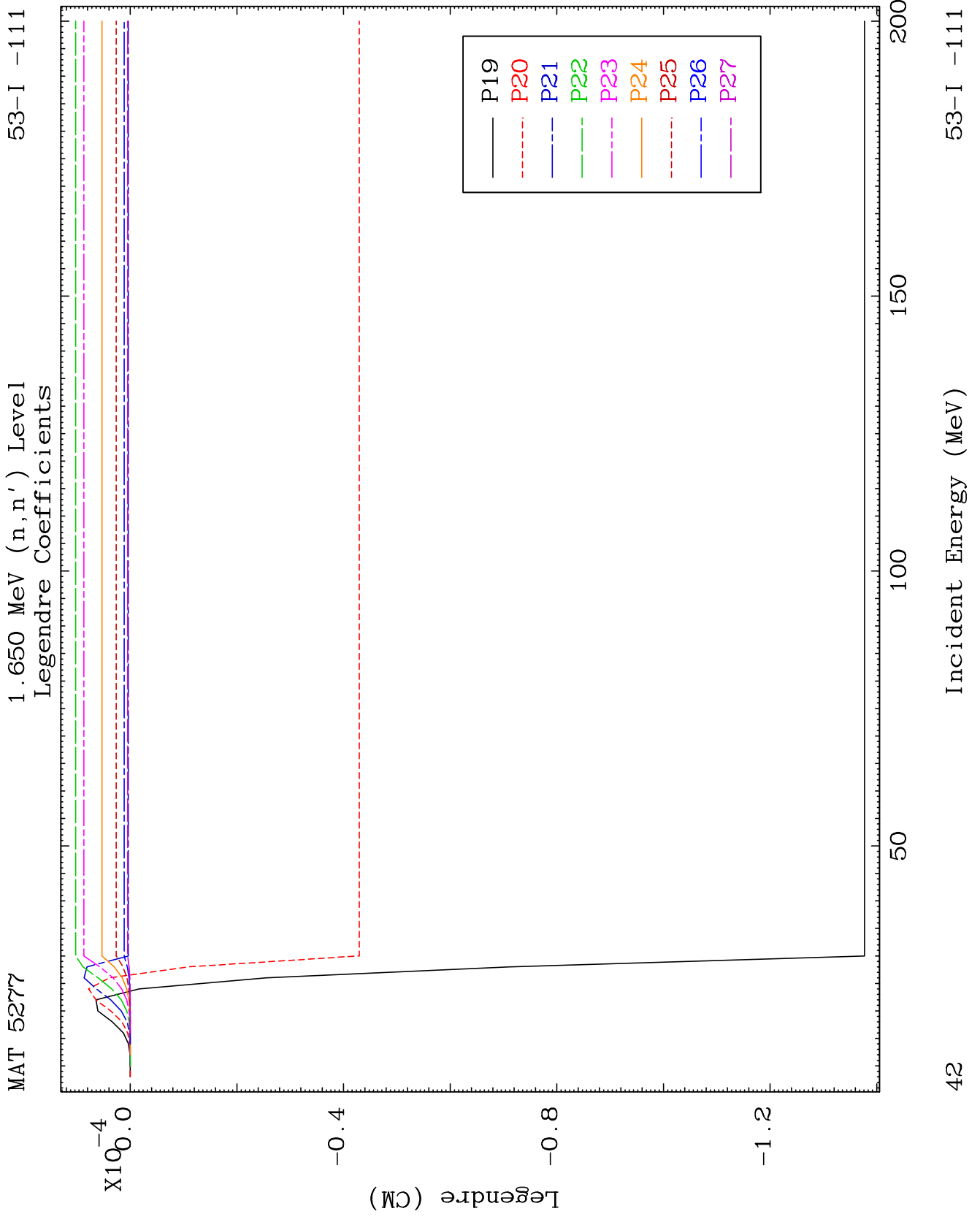


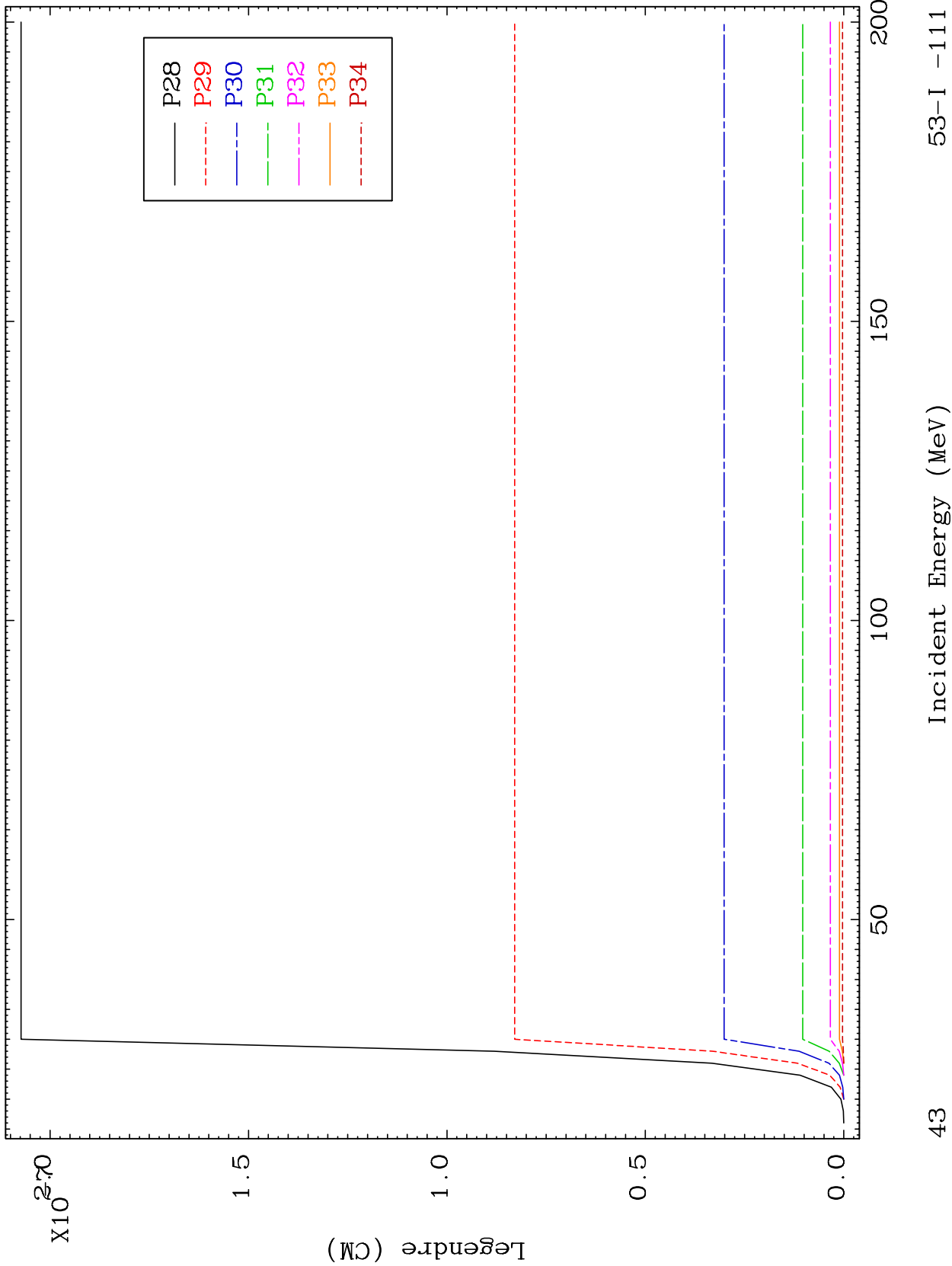
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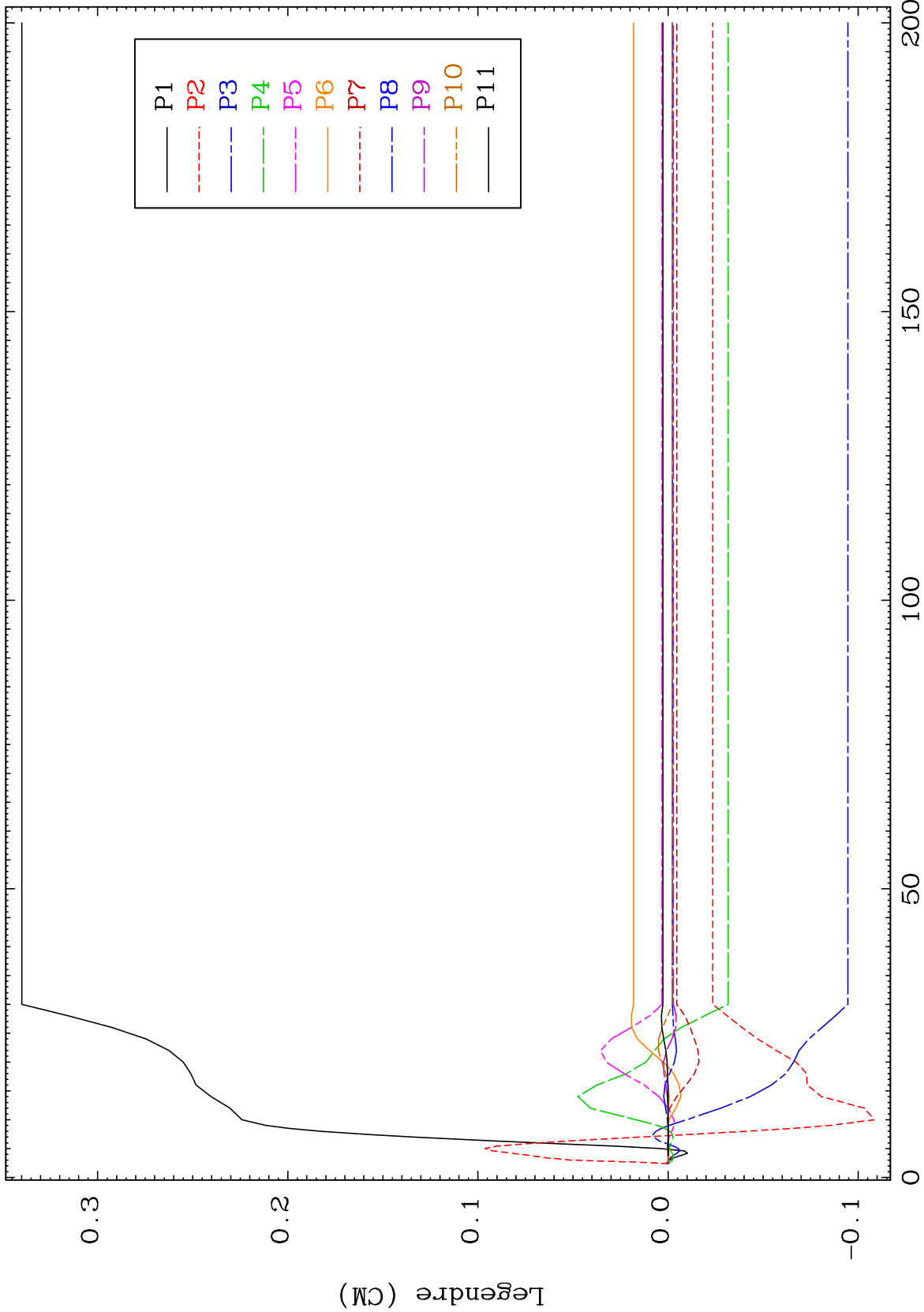
Incident Energy (MeV)

40





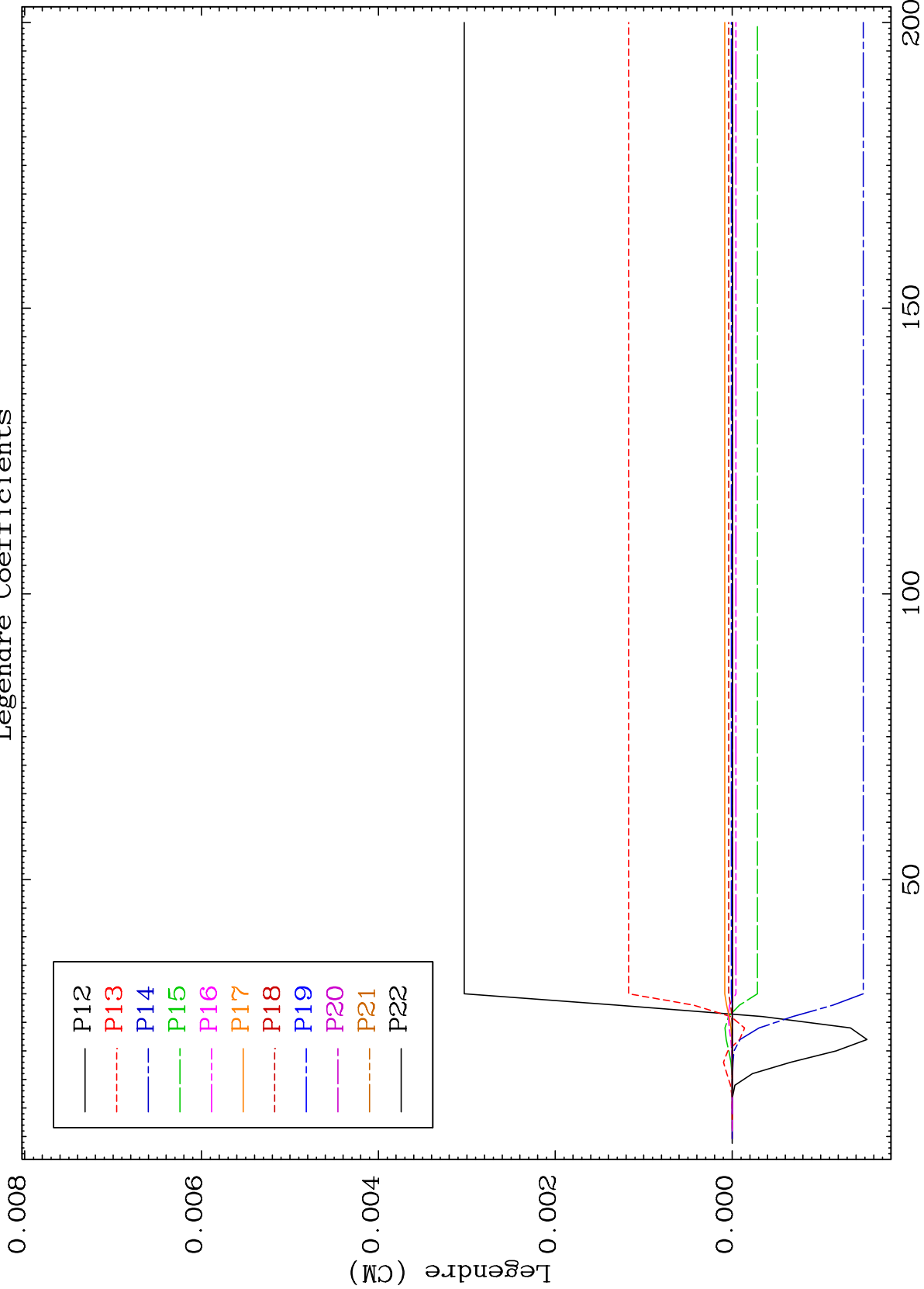




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2.340 MeV (n,n') Level
Legendre Coefficients

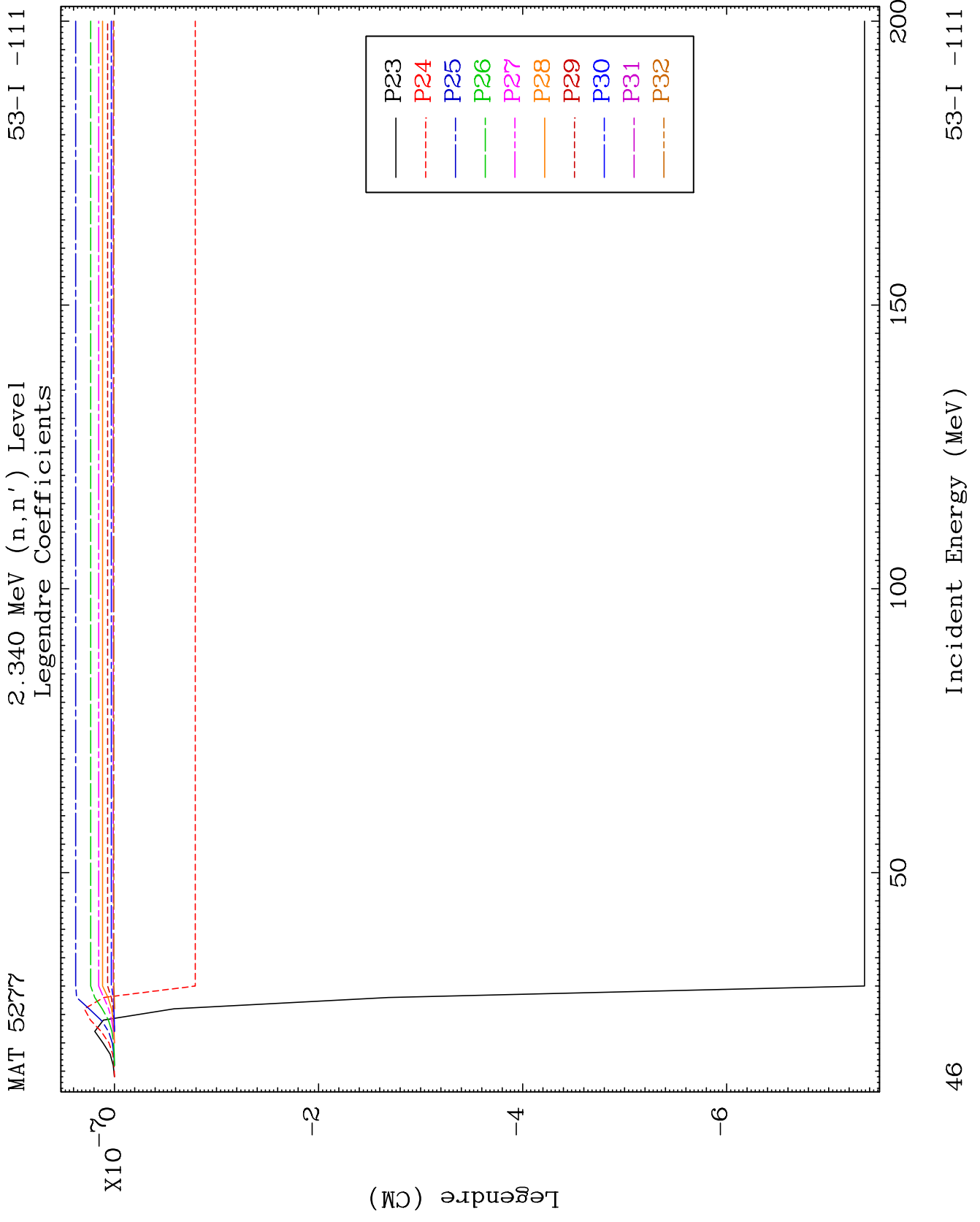
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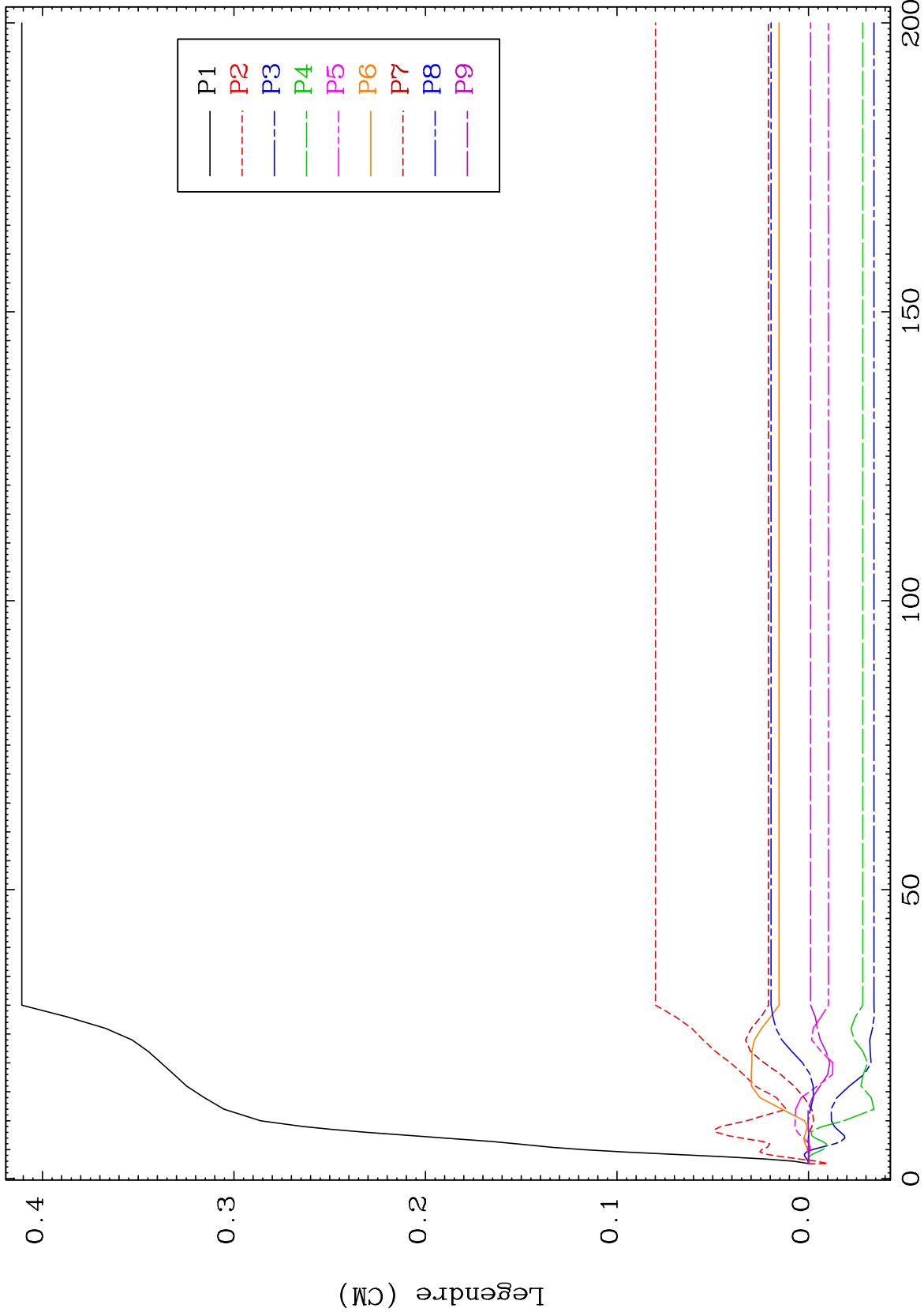


45

Incident Energy (MeV)

53-I -111

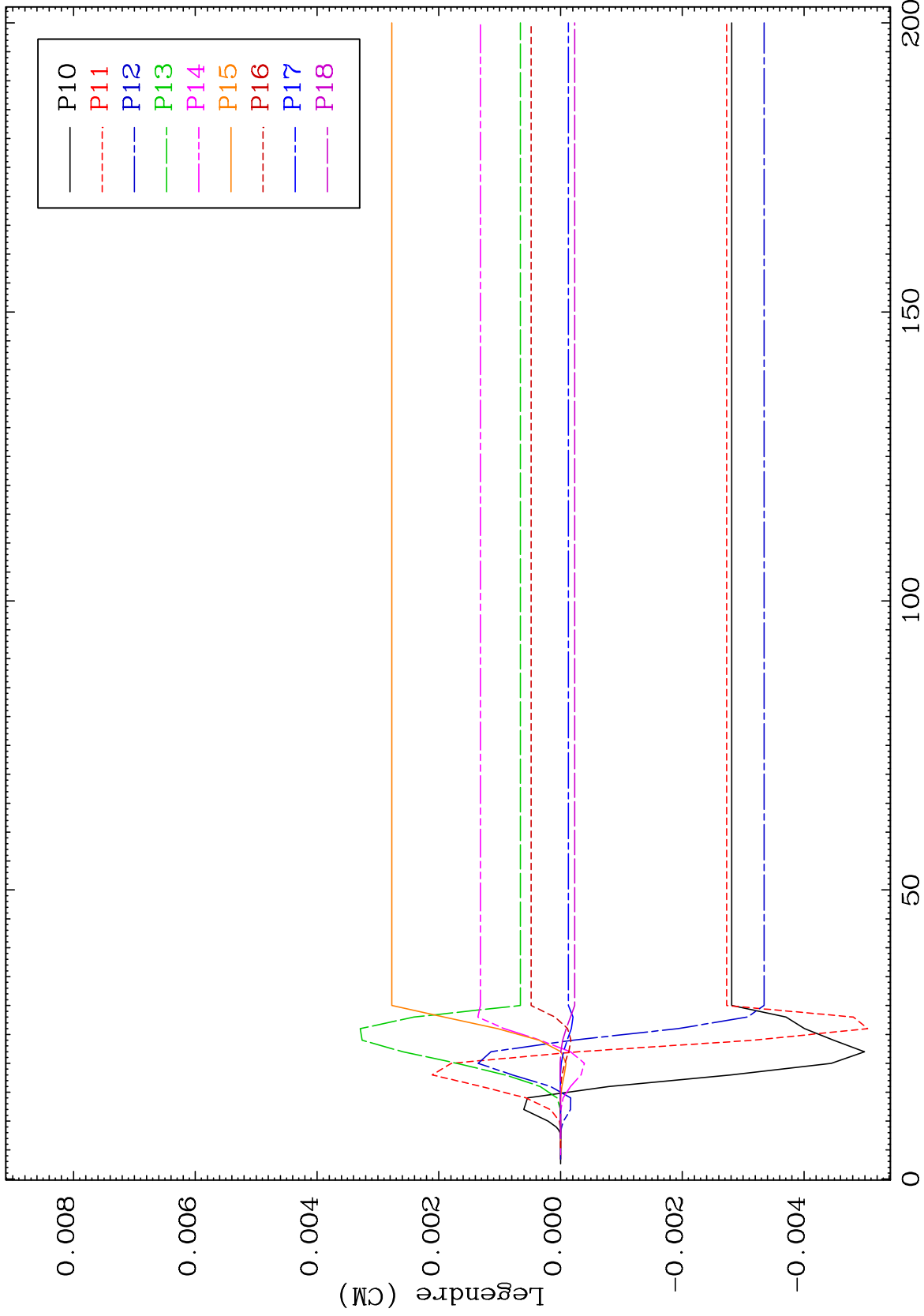




MAT 5277

2.519 MeV (n,n') Level
Legendre Coefficients

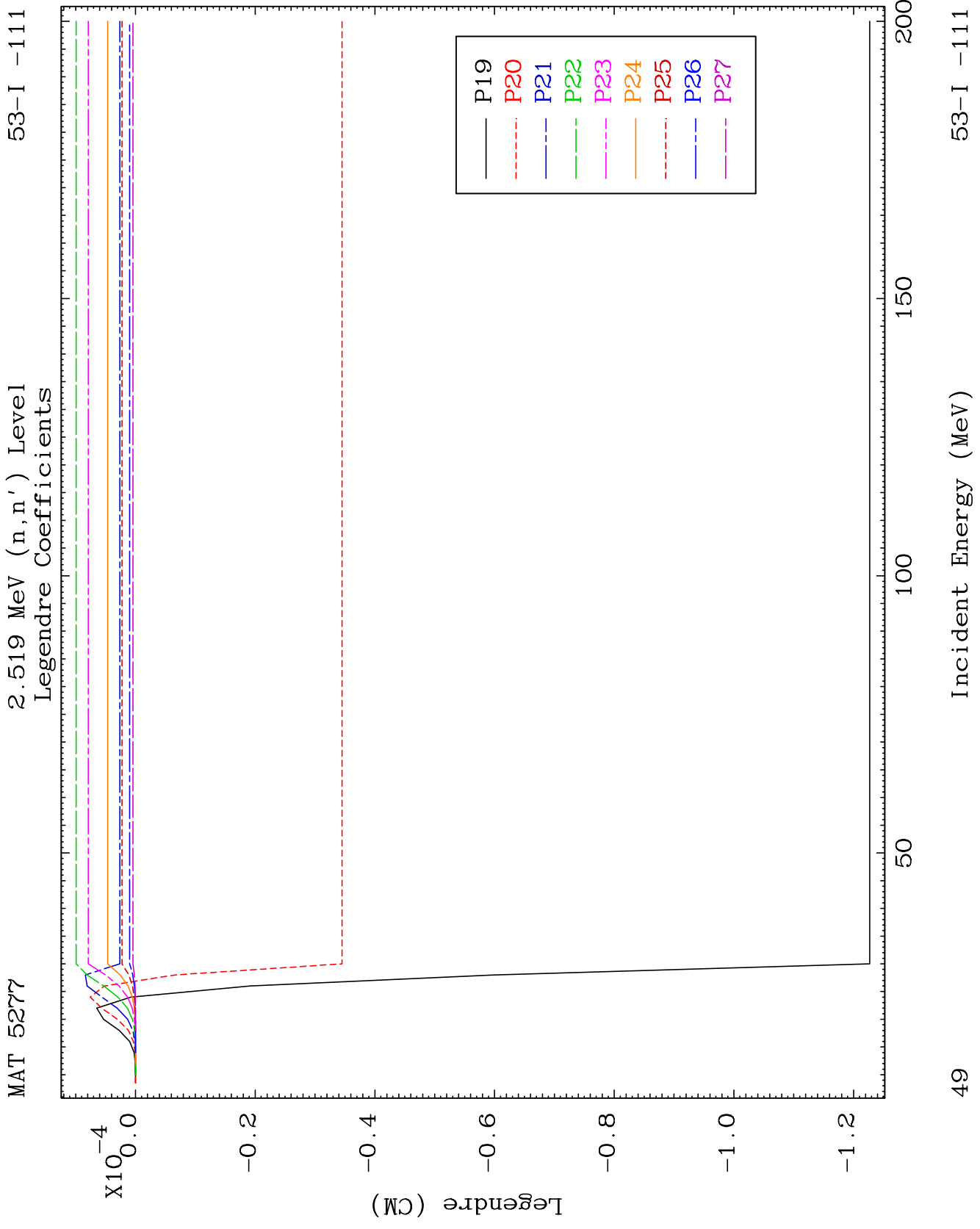
53-I -111



48

Incident Energy (MeV)

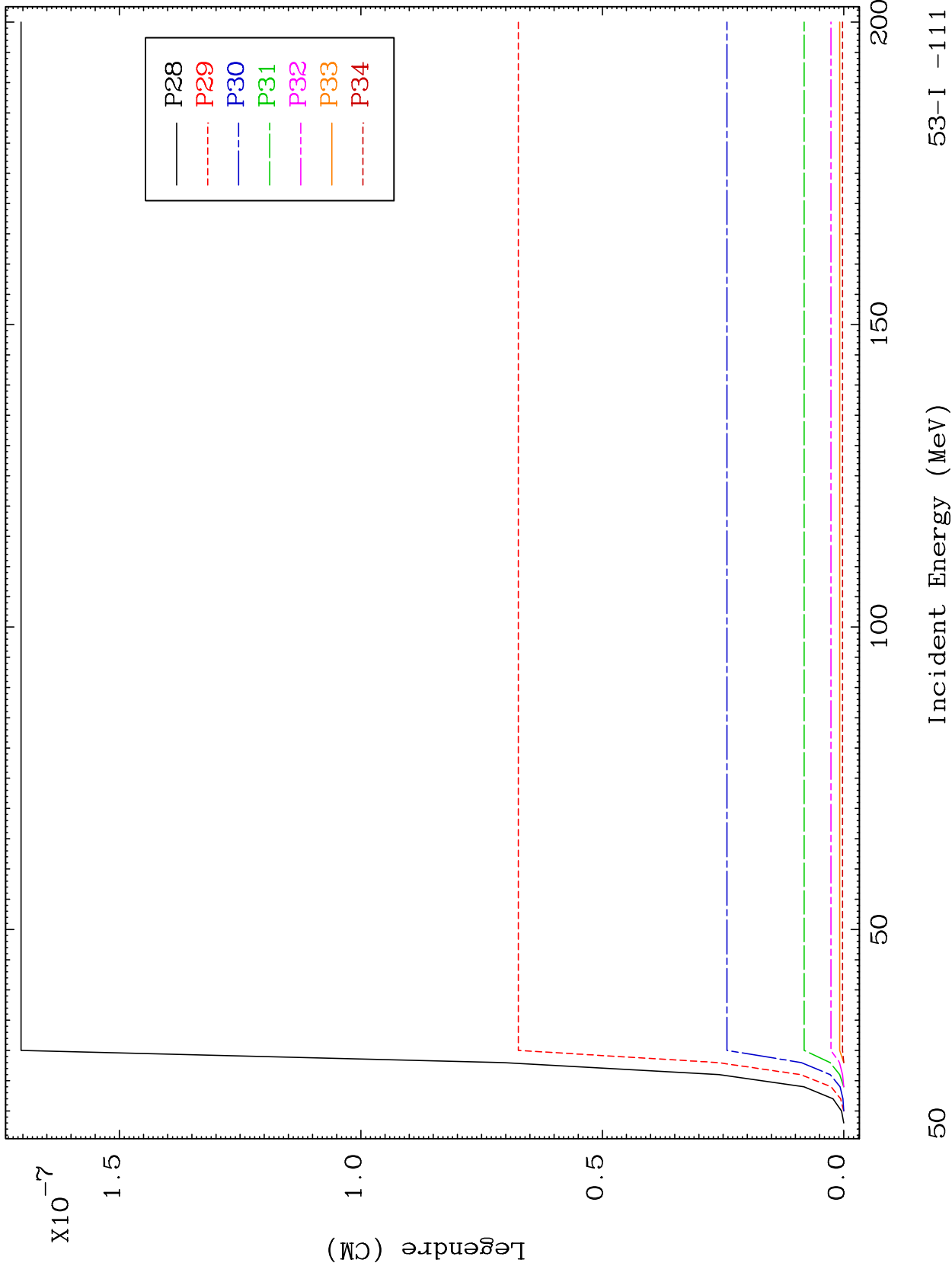
53-I -111



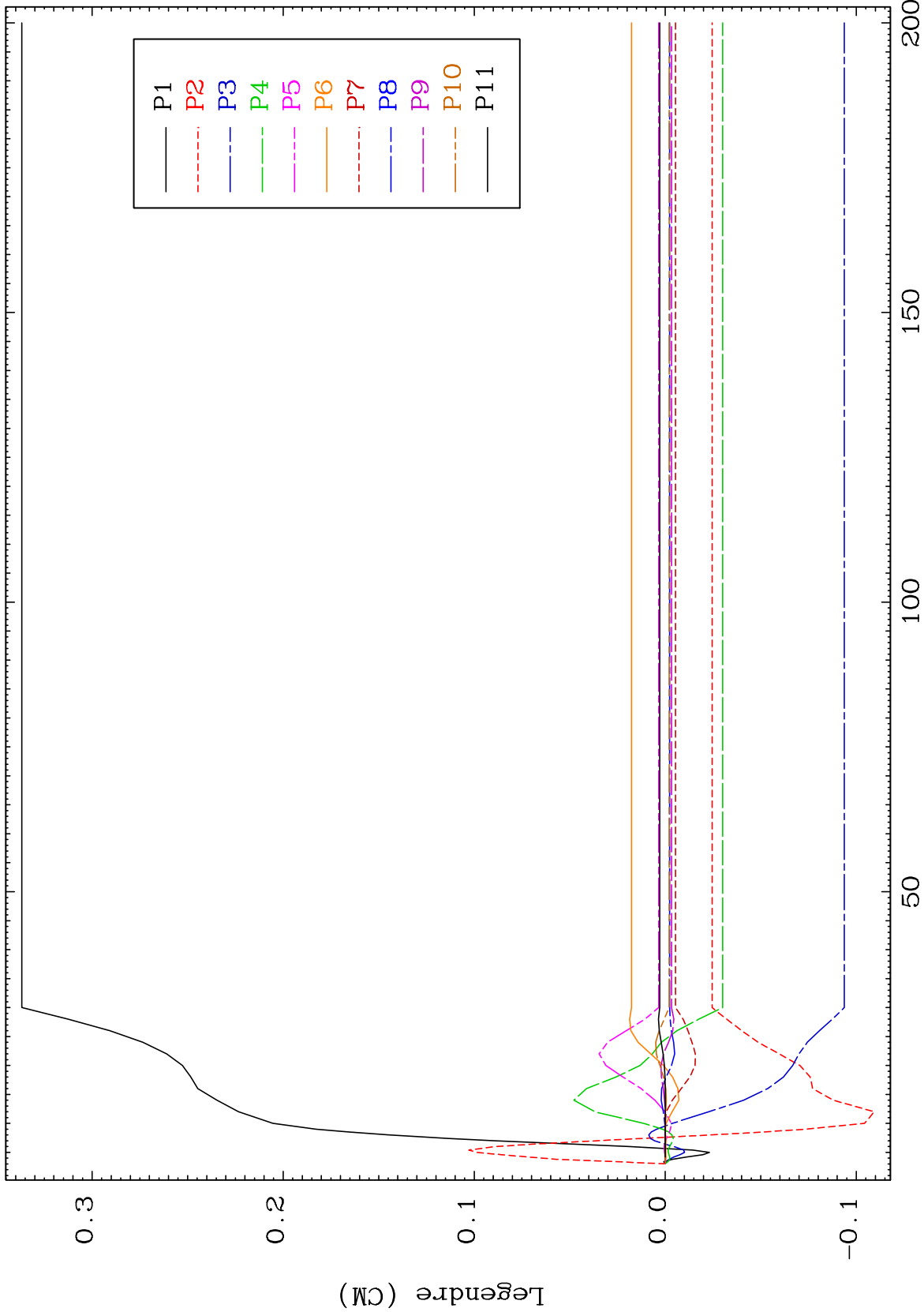
MAT 5277

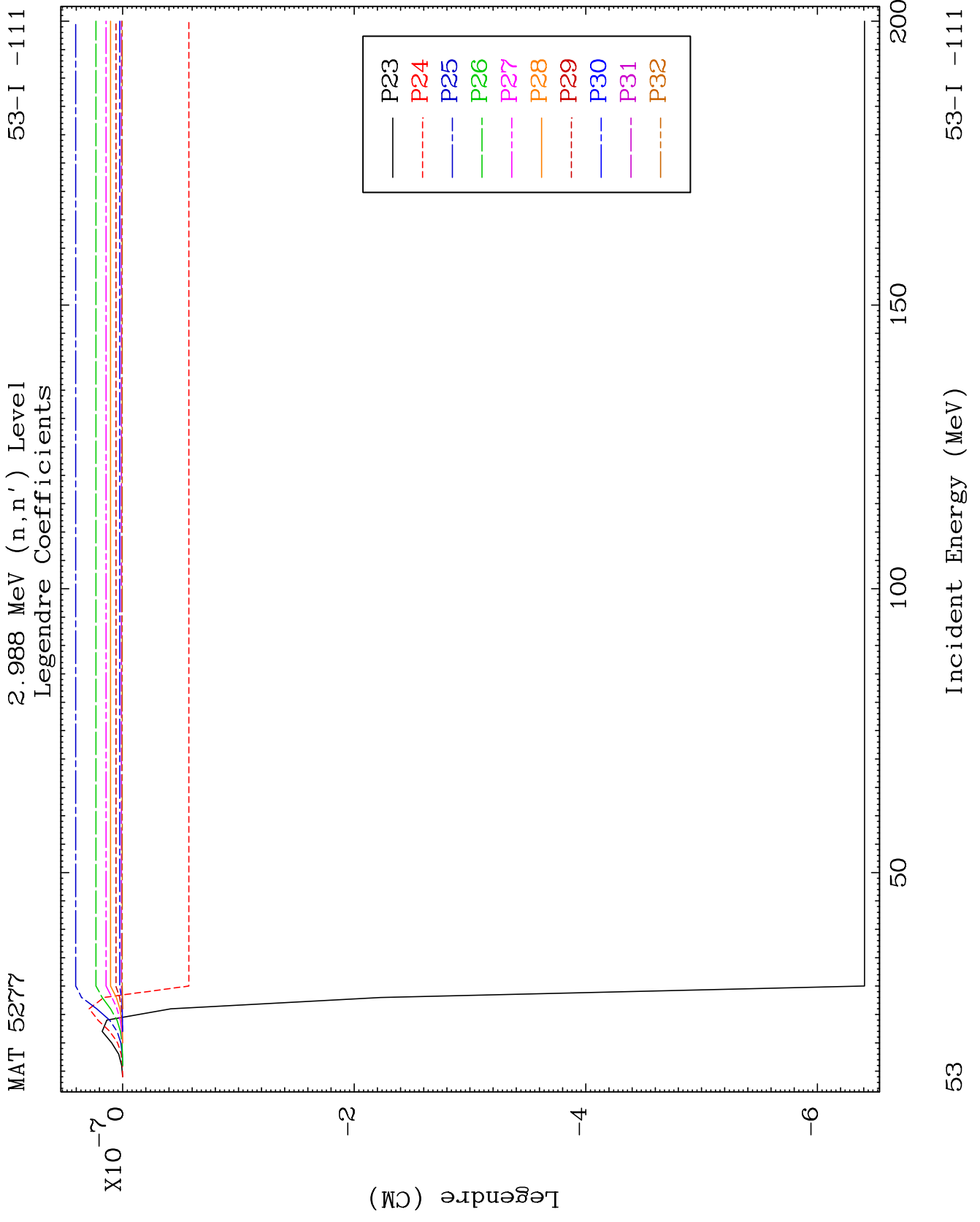
2.519 MeV (n,n') Level
Legendre Coefficients

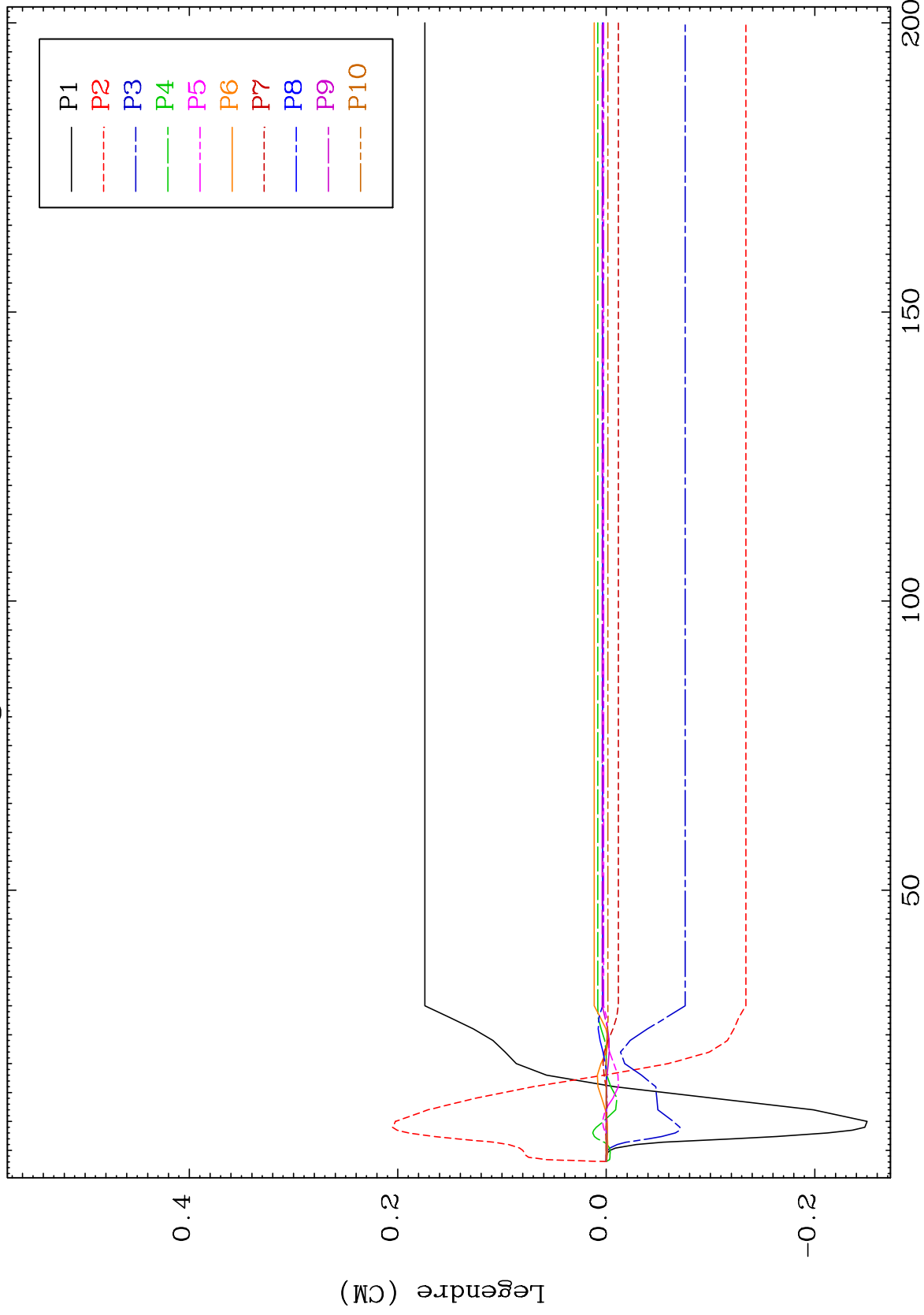
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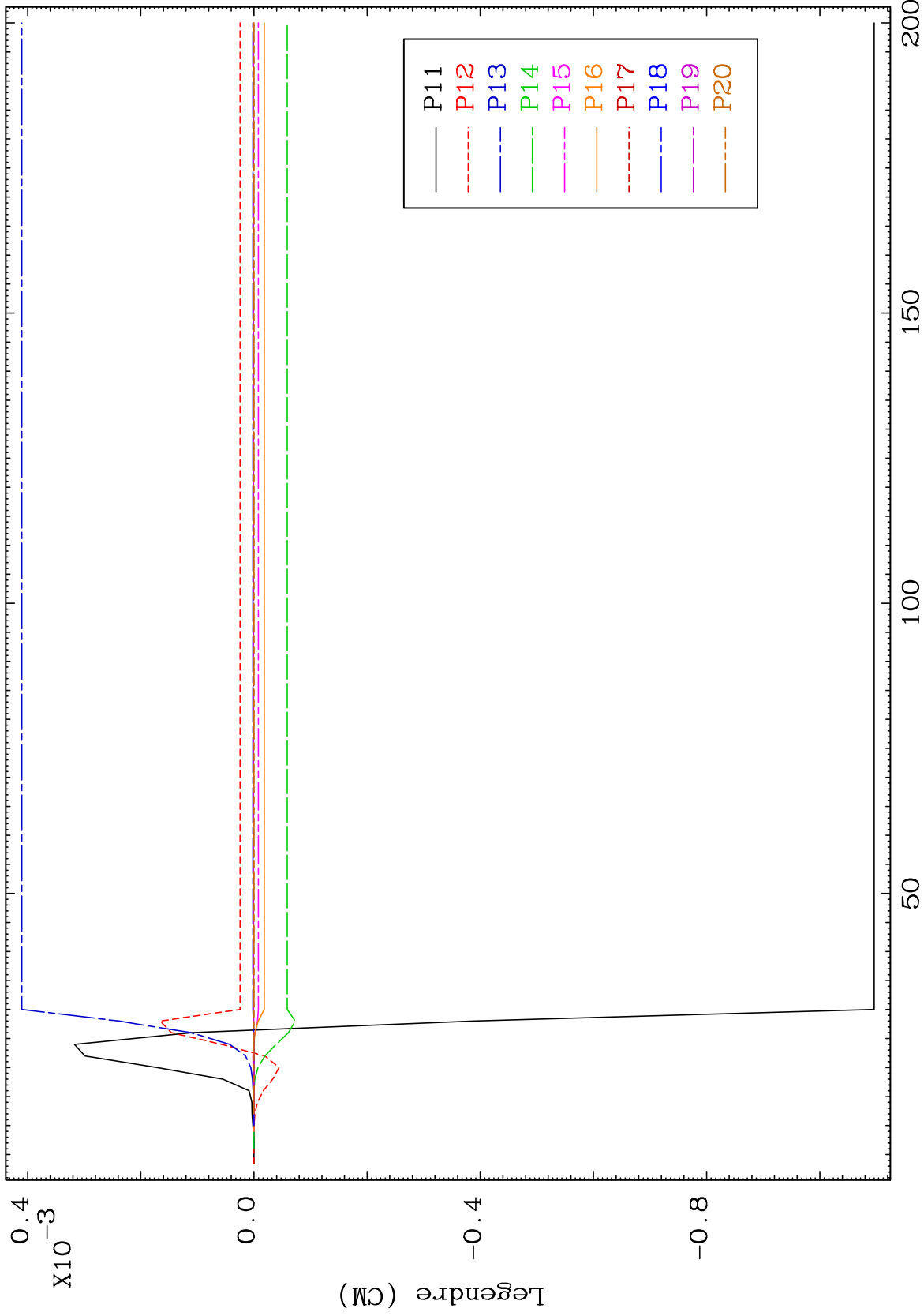


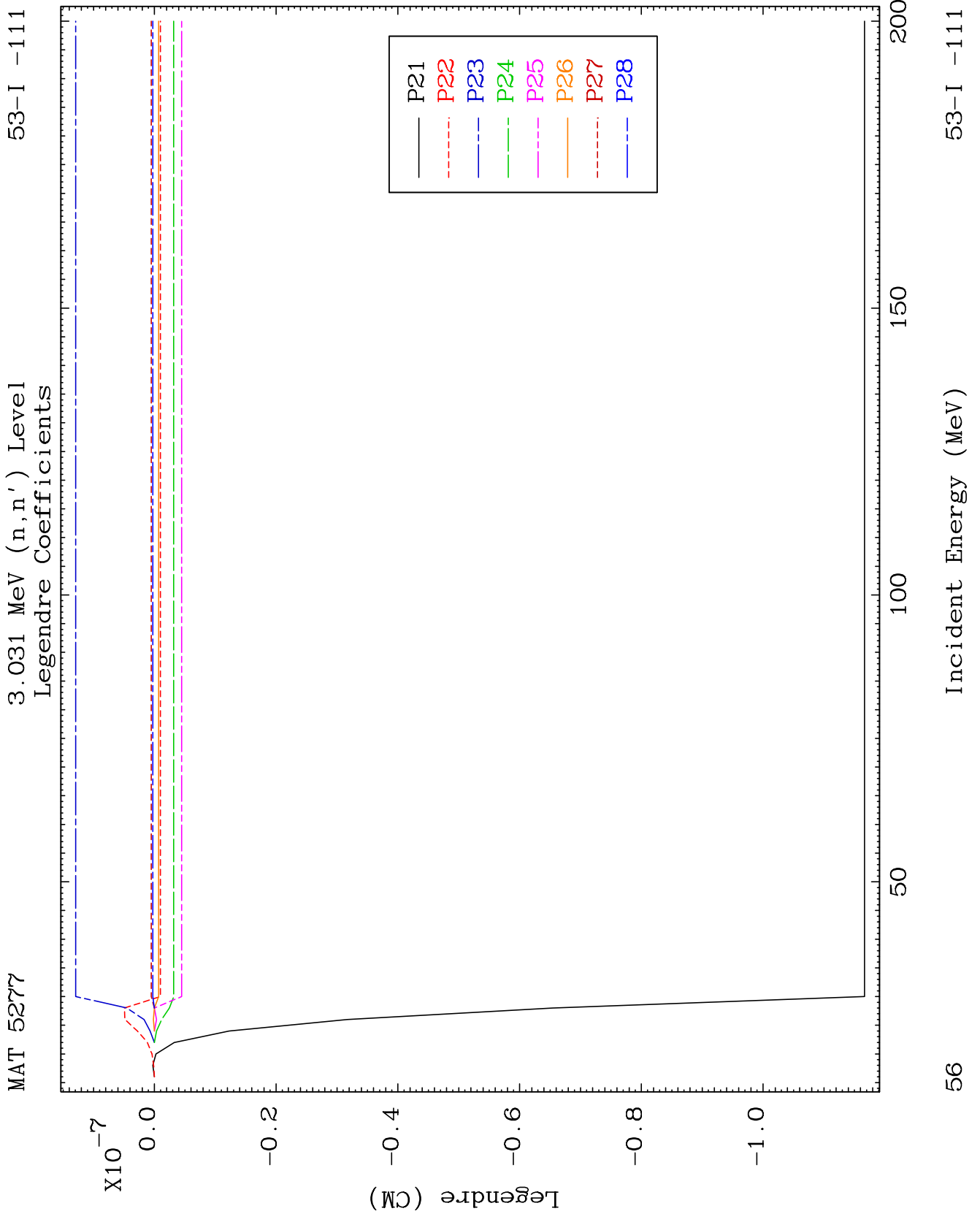
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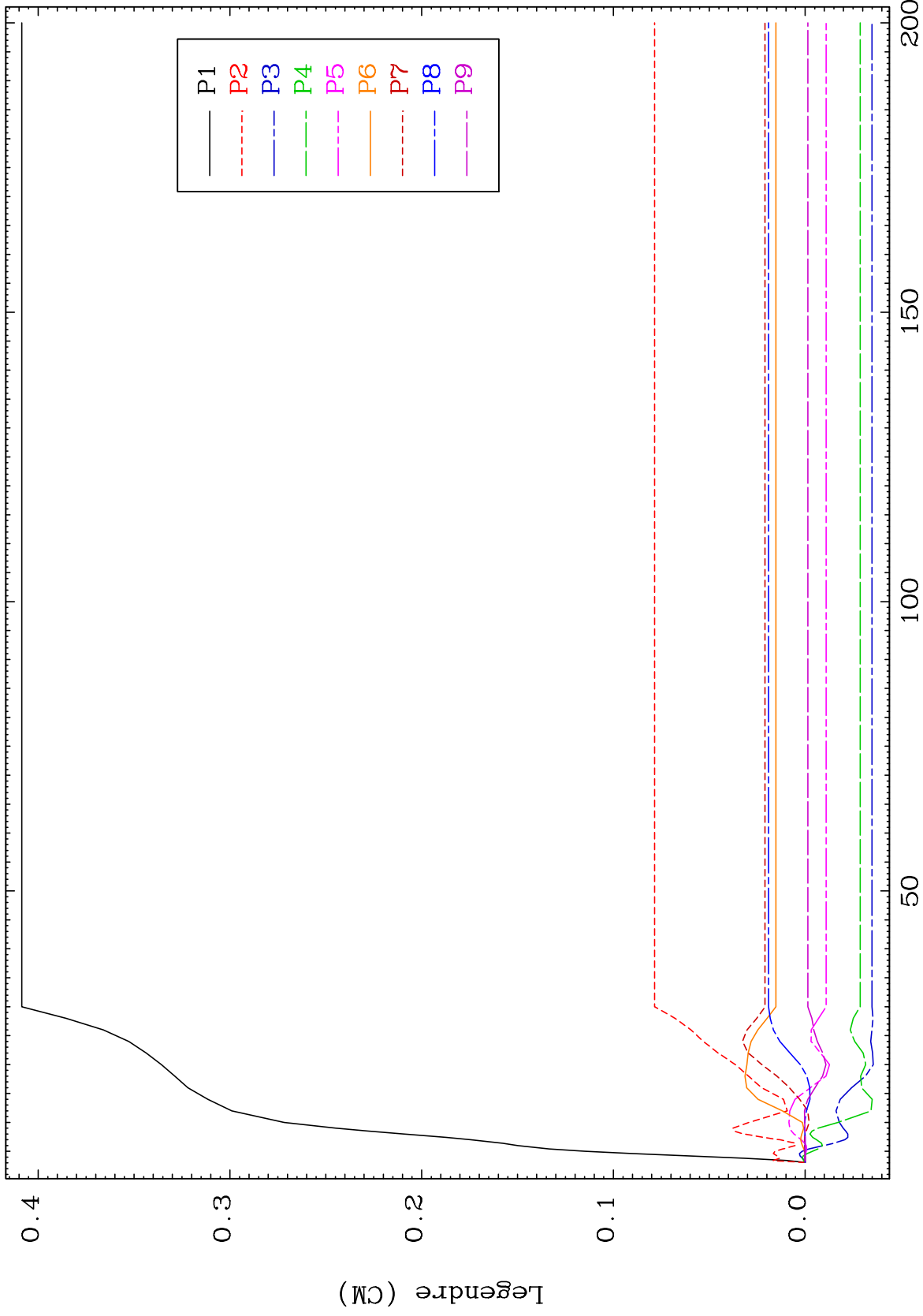


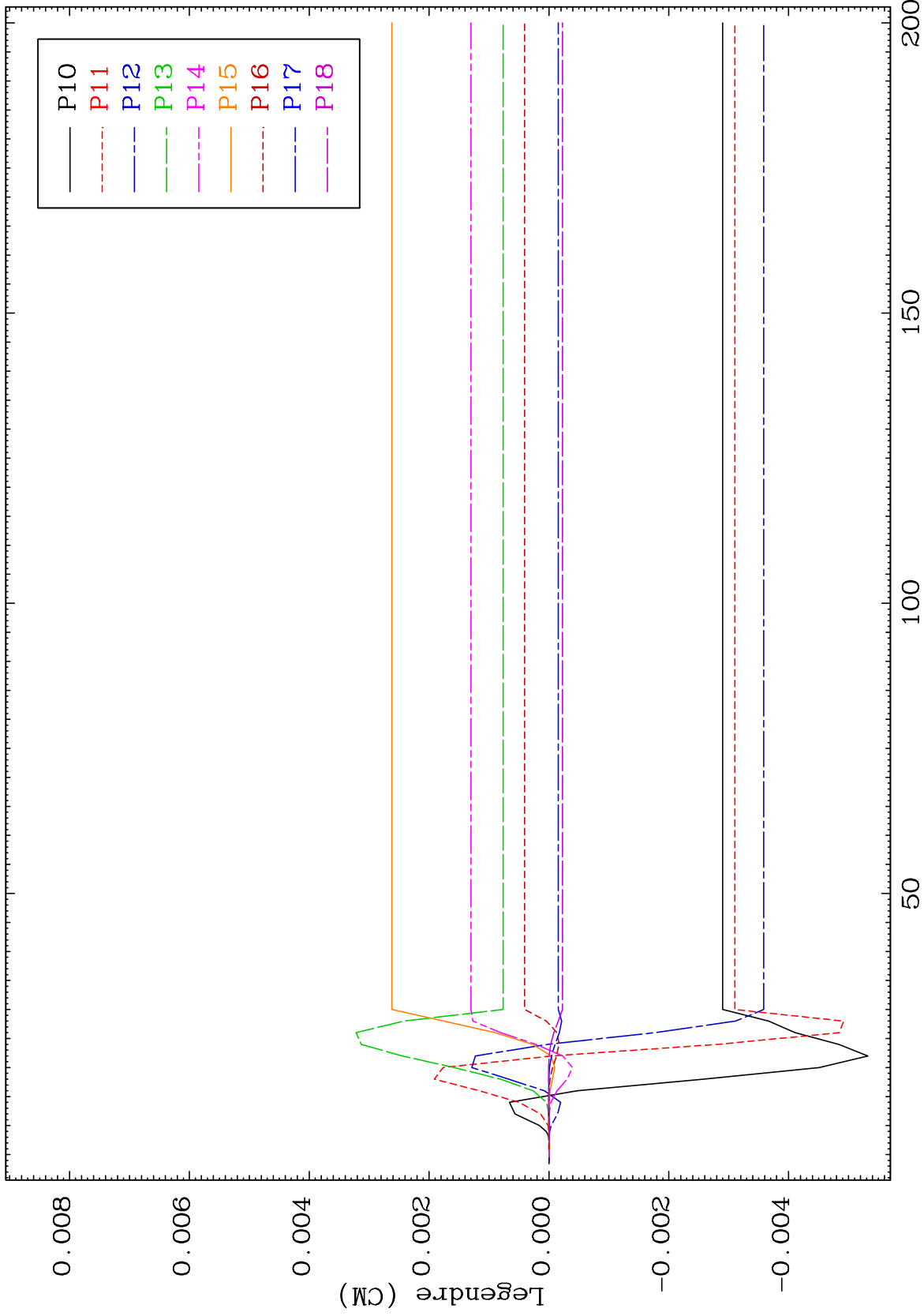


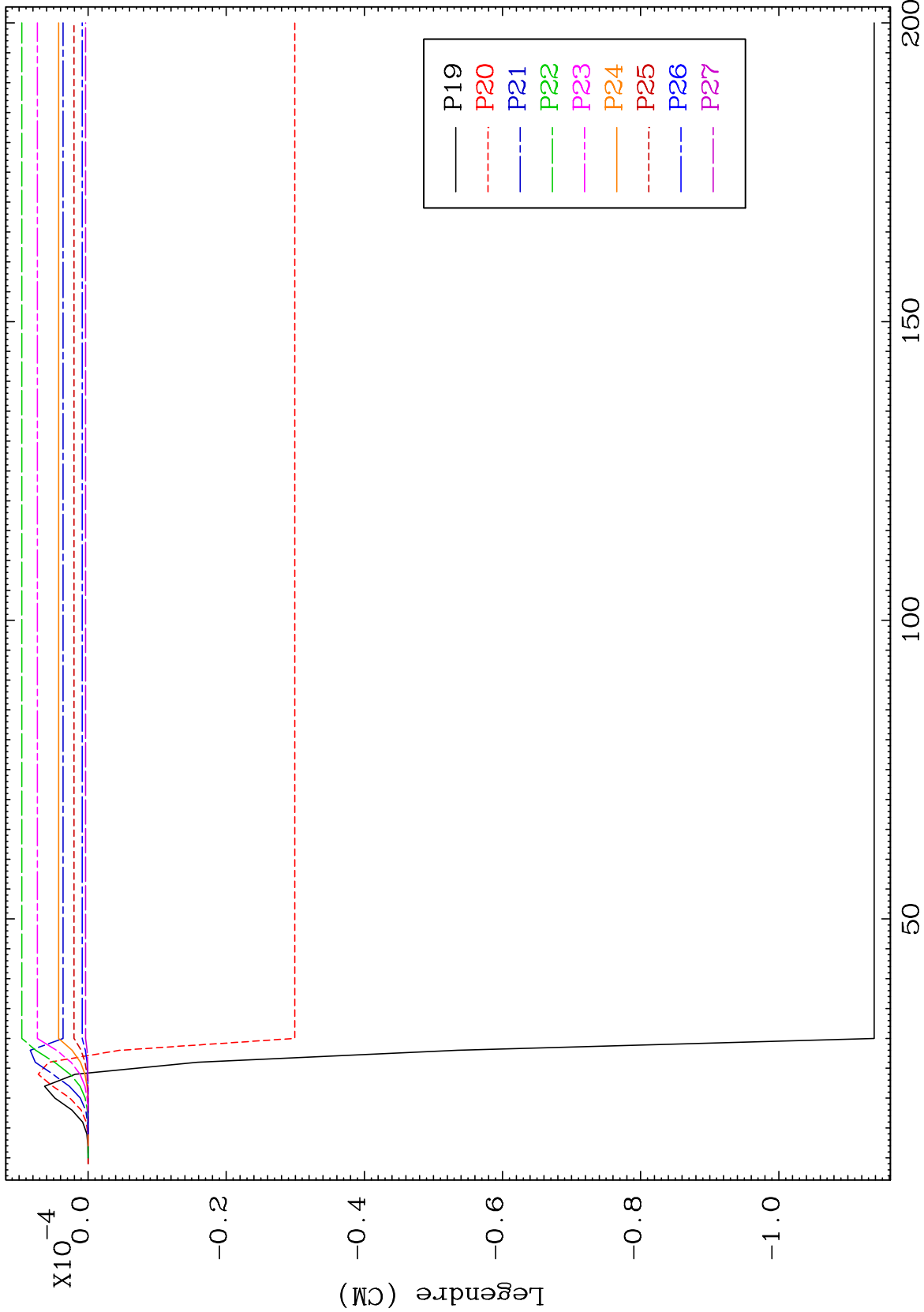








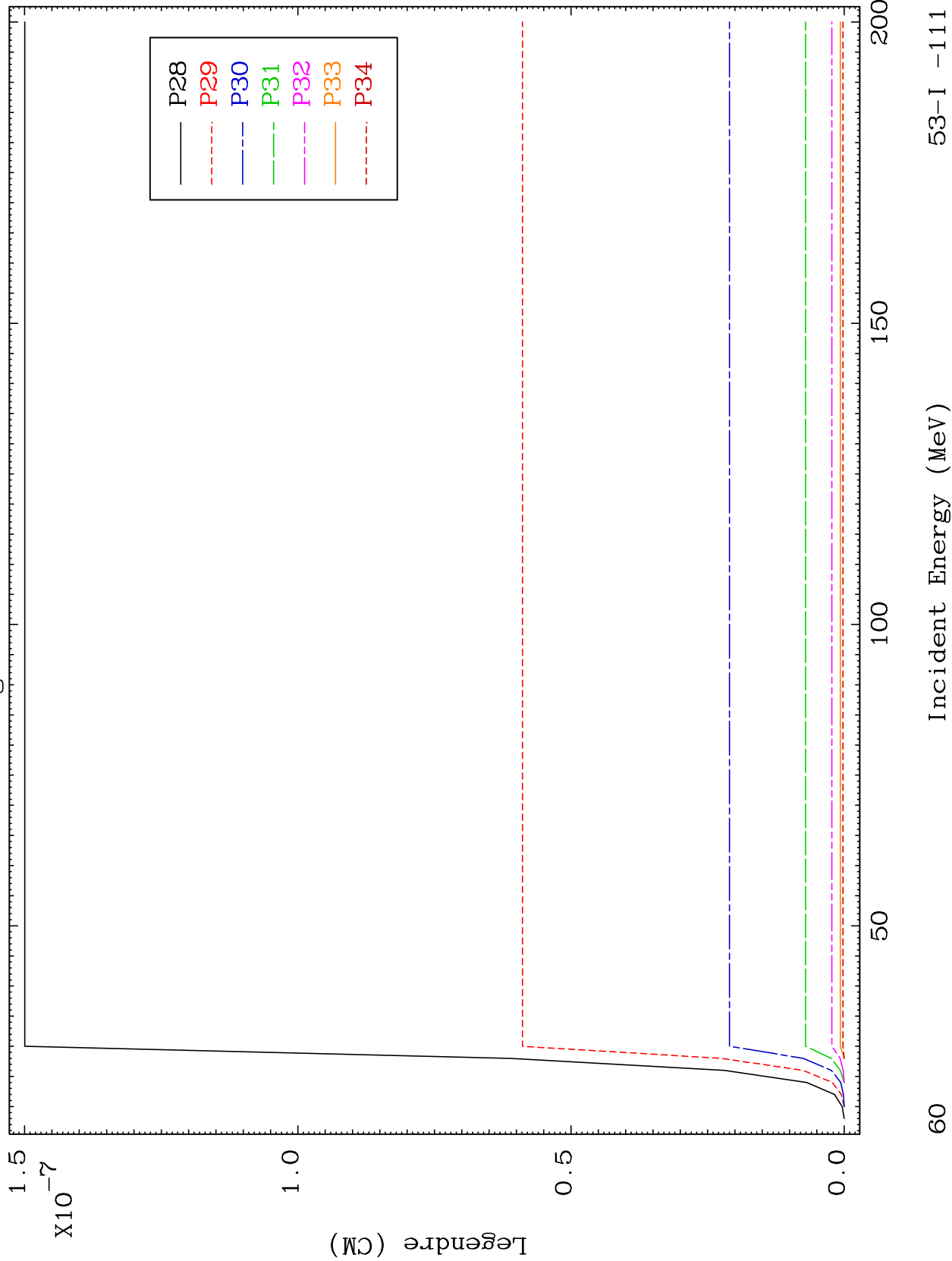




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3.049 MeV (n,n') Level
Legendre Coefficients

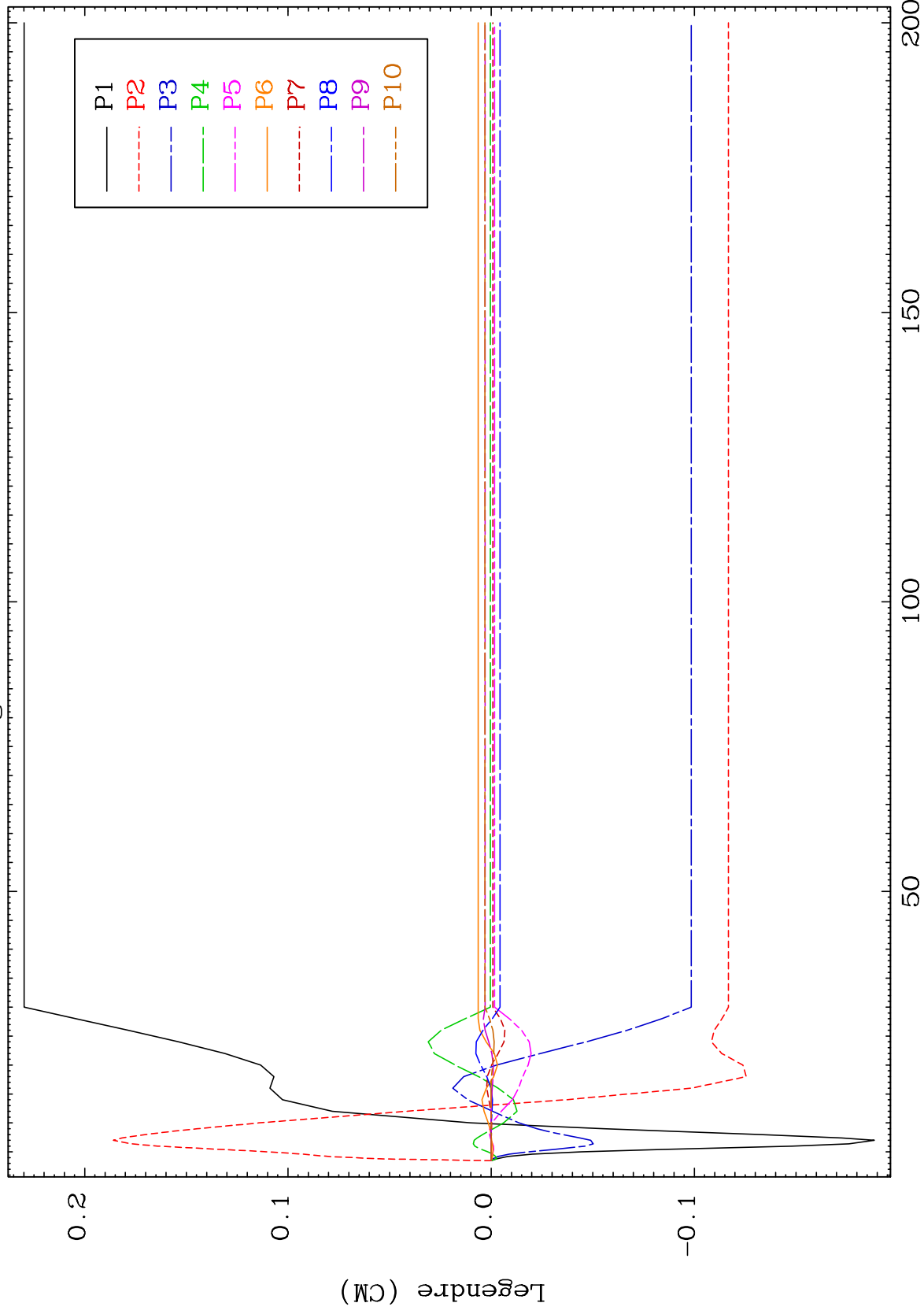
53-I -111



53-I -111

Incident Energy (MeV)

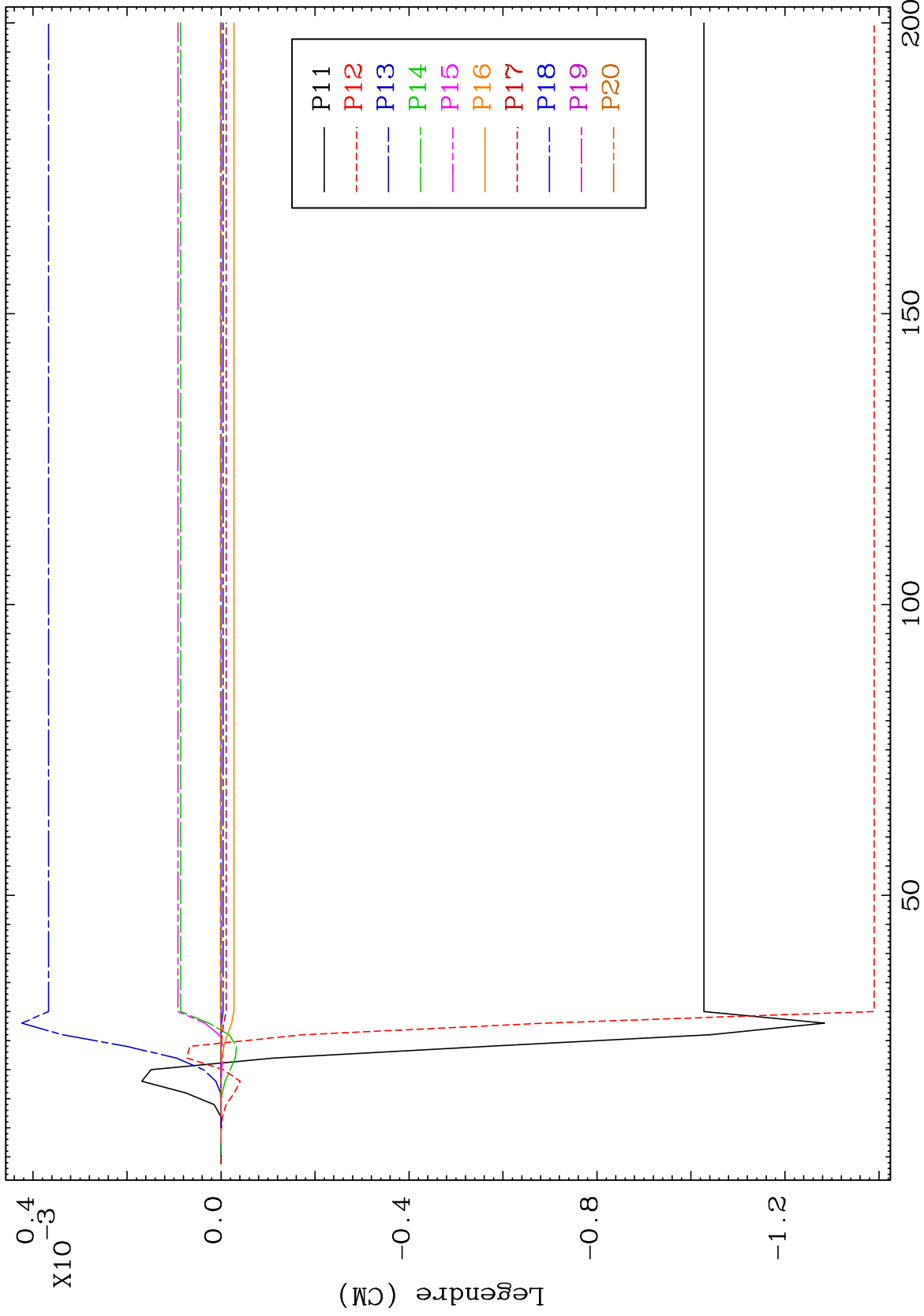
60



MAT 5277

3.444 MeV (n,n') Level
Legendre Coefficients

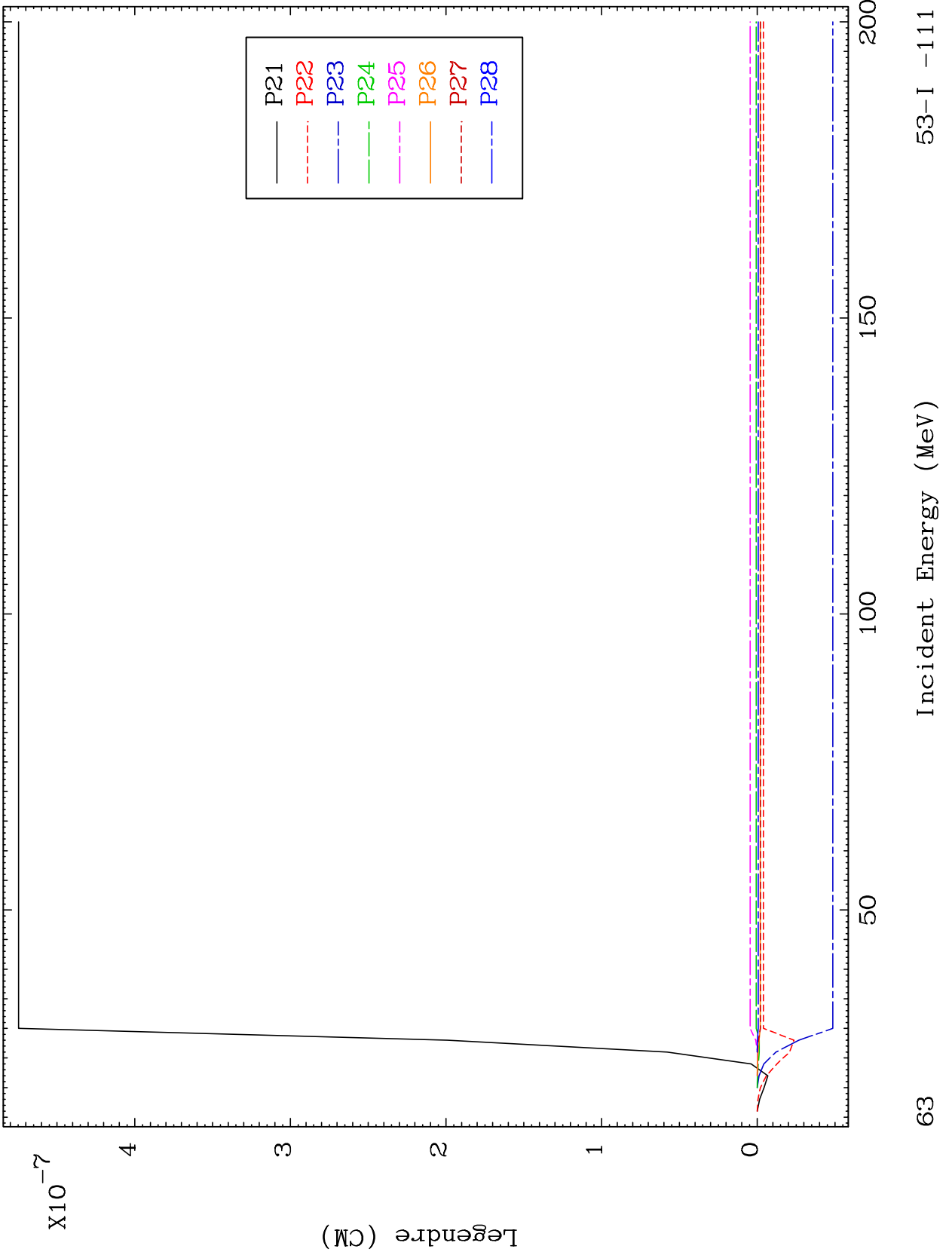
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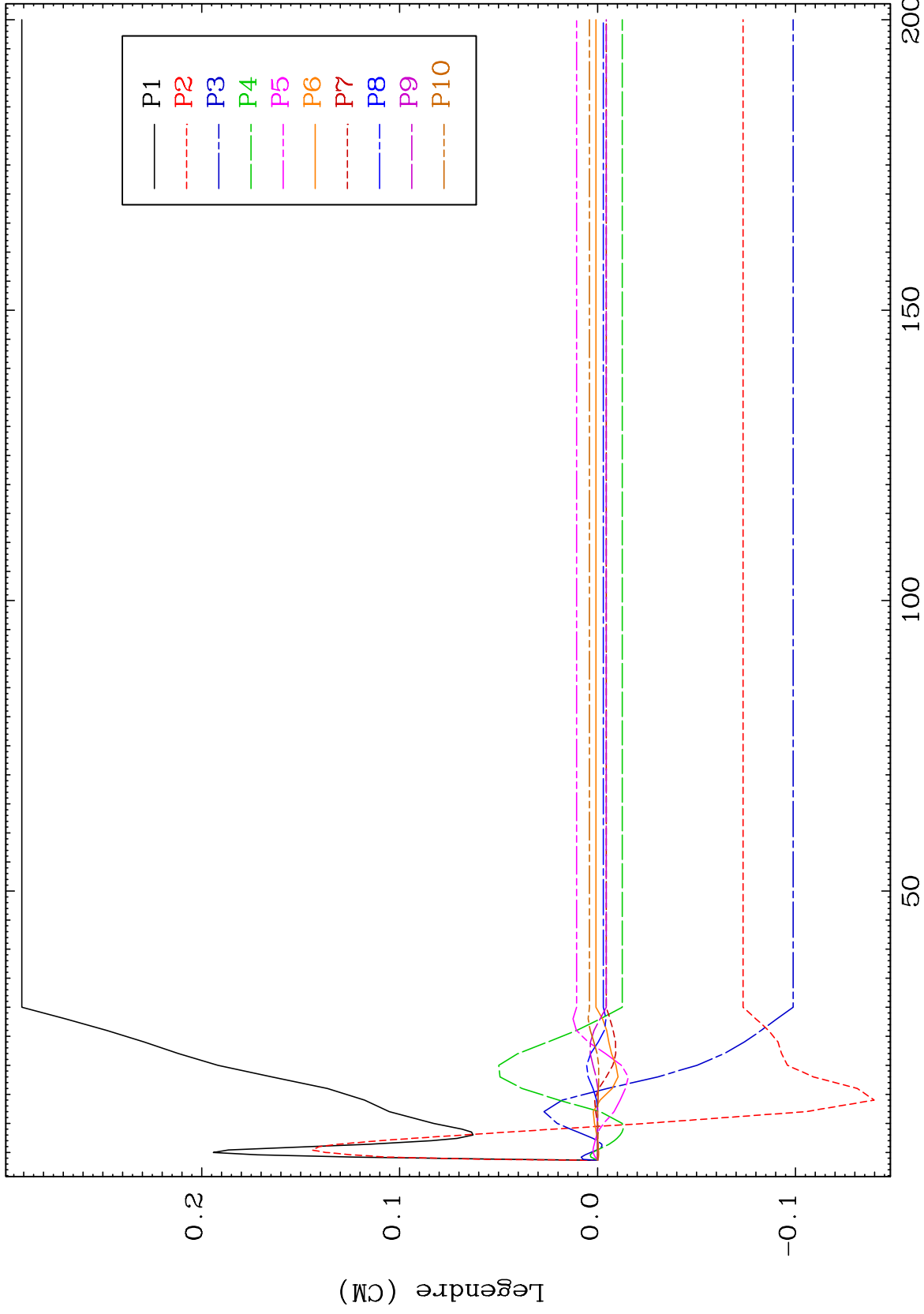


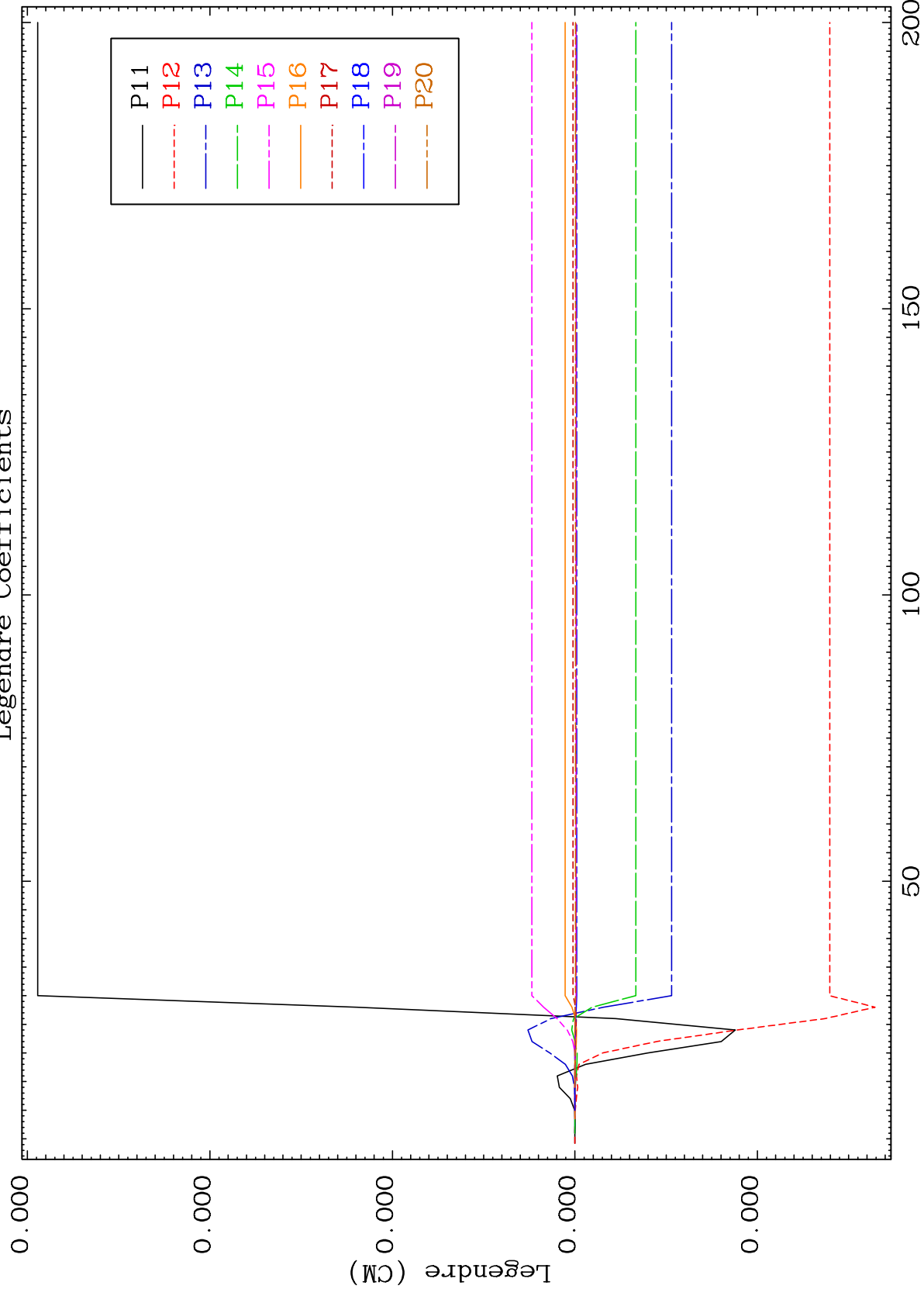
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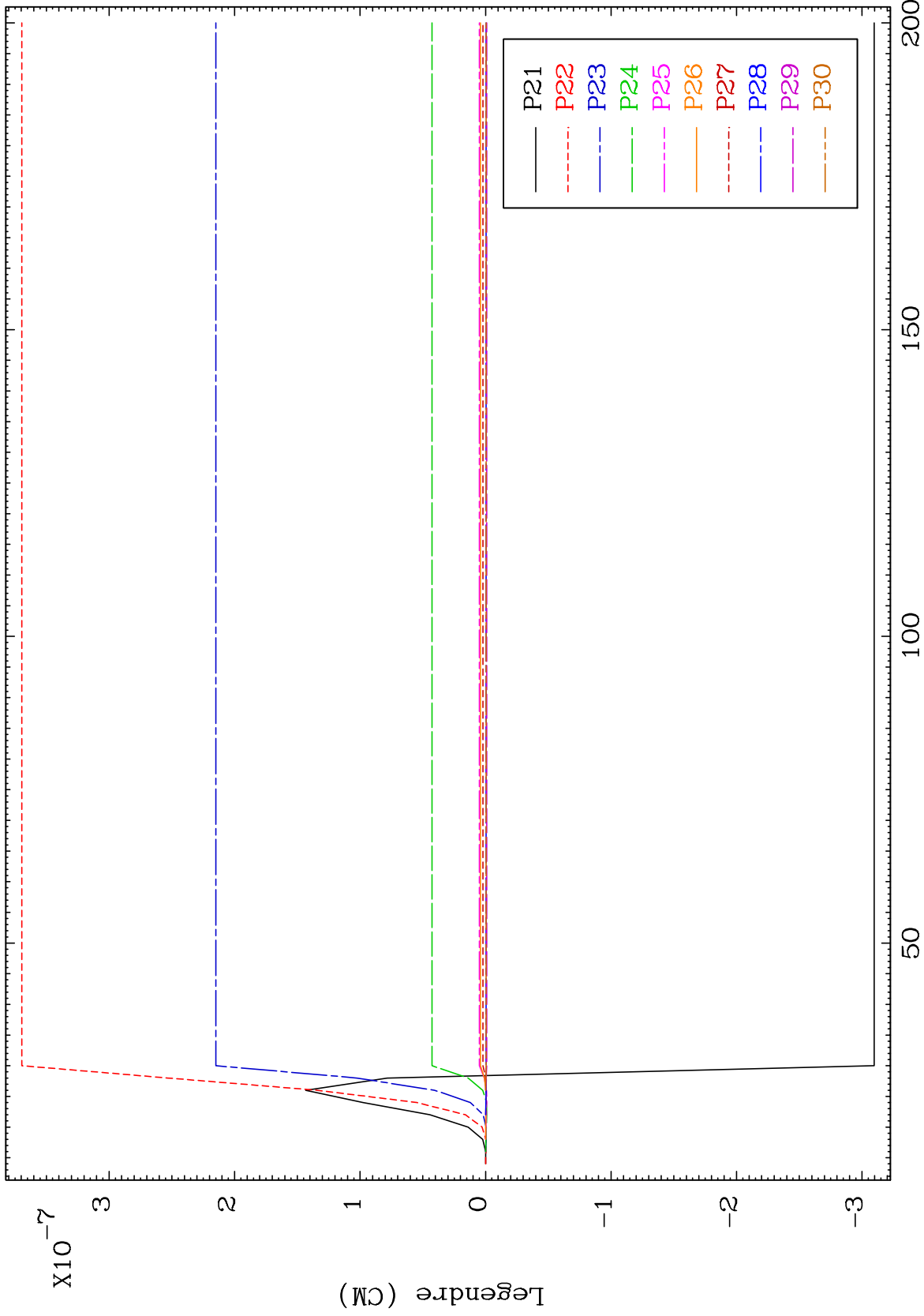
Incident Energy (MeV)

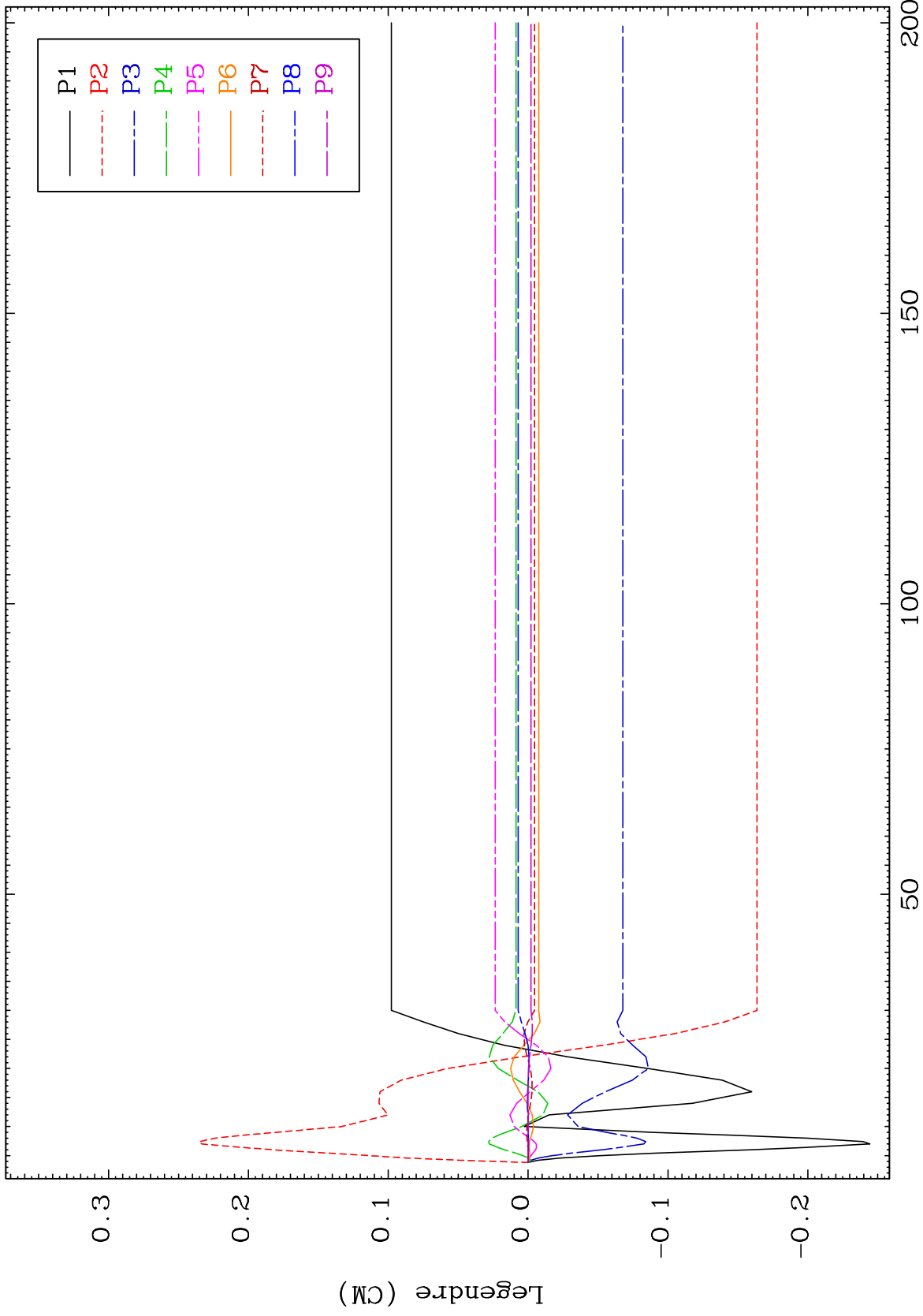
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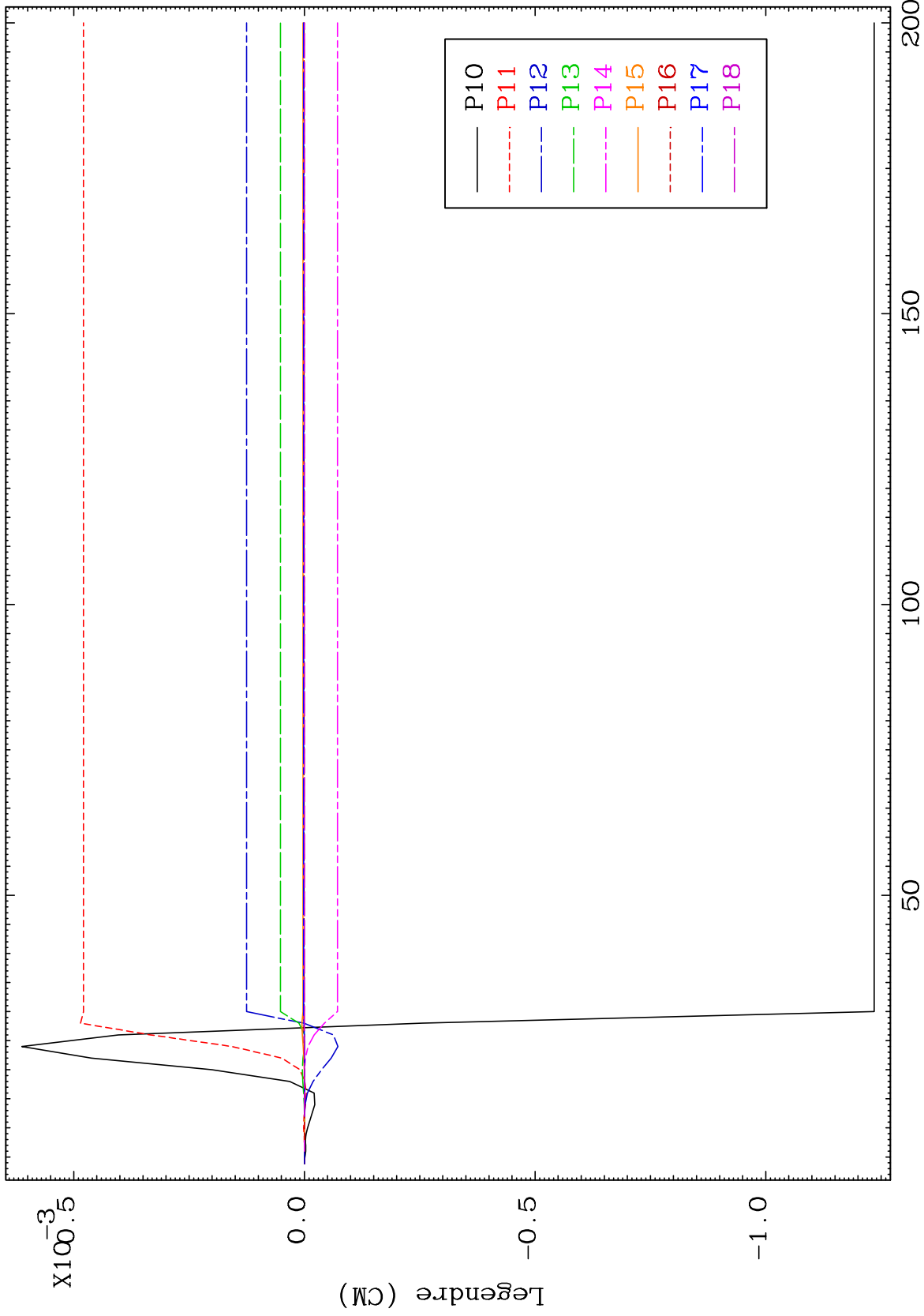


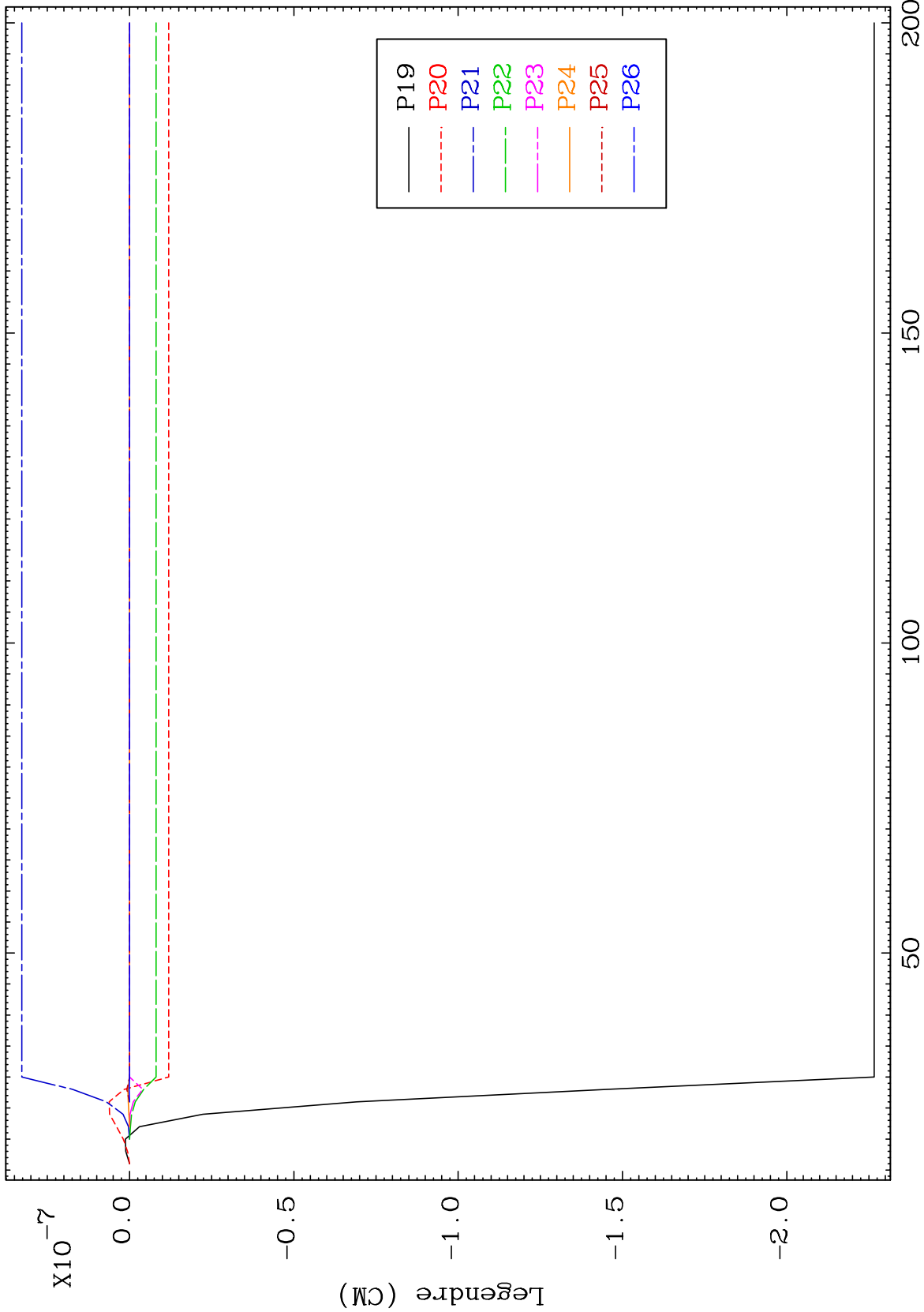








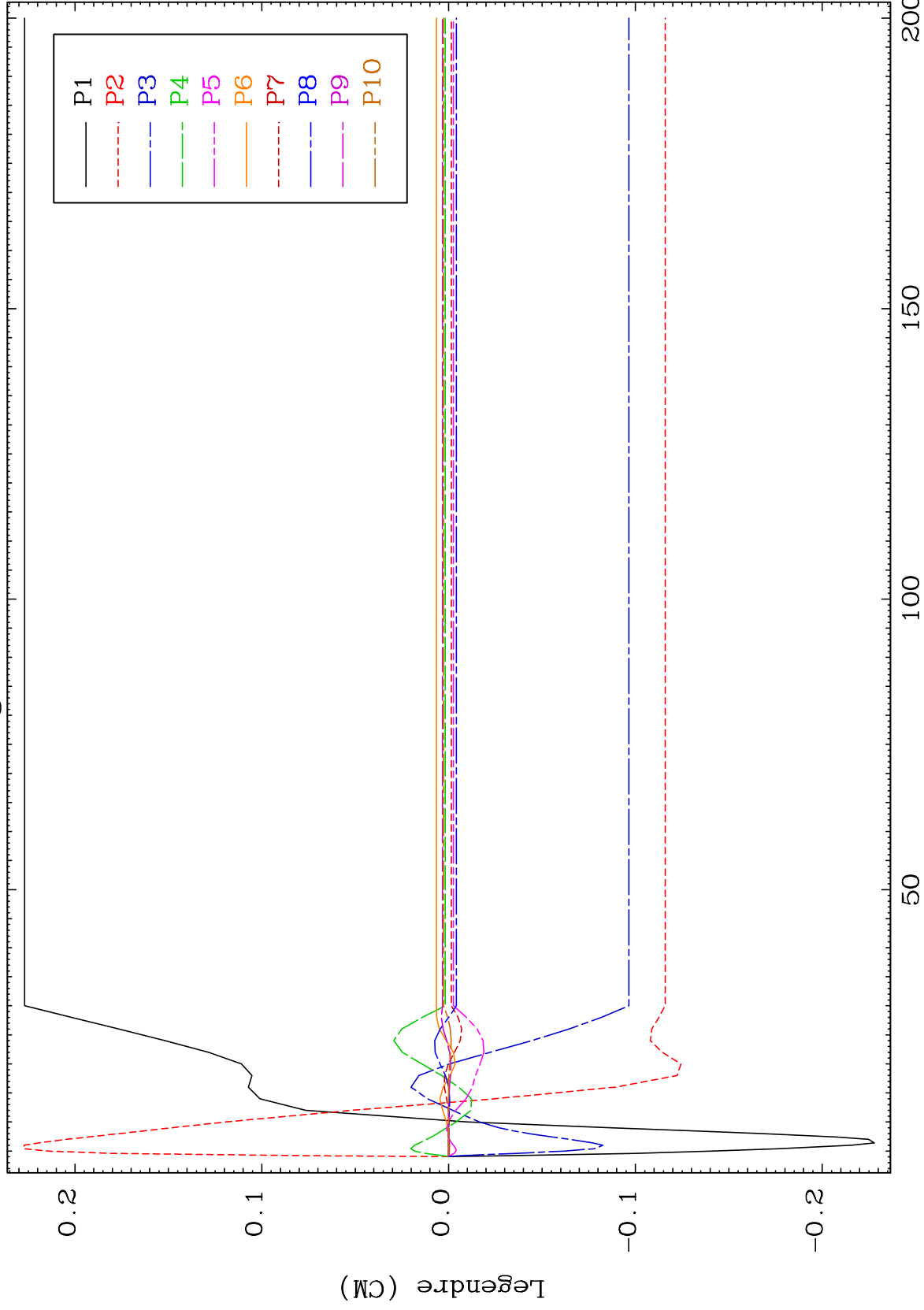




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4.001 MeV (n,n') Level
Legendre Coefficients

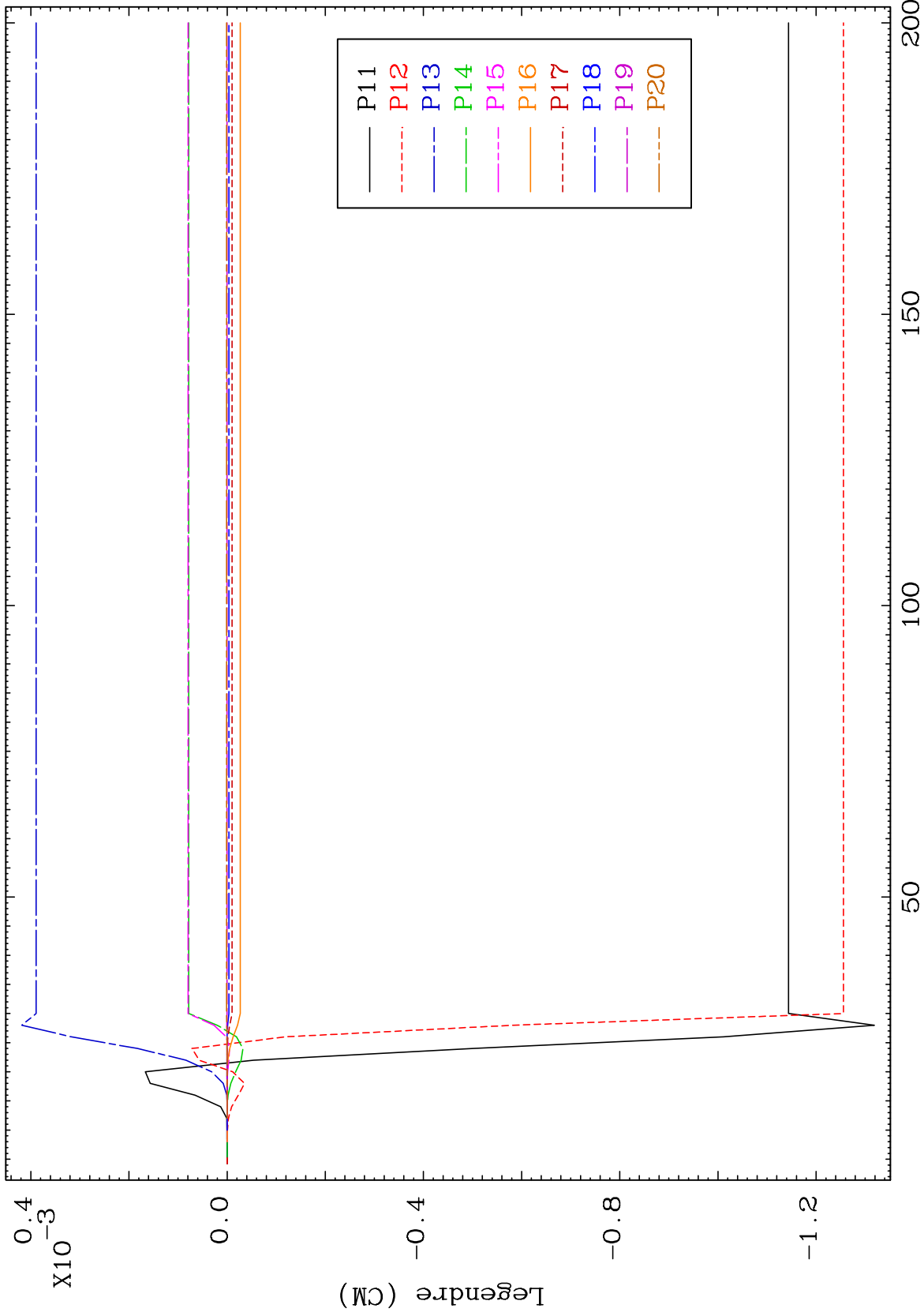
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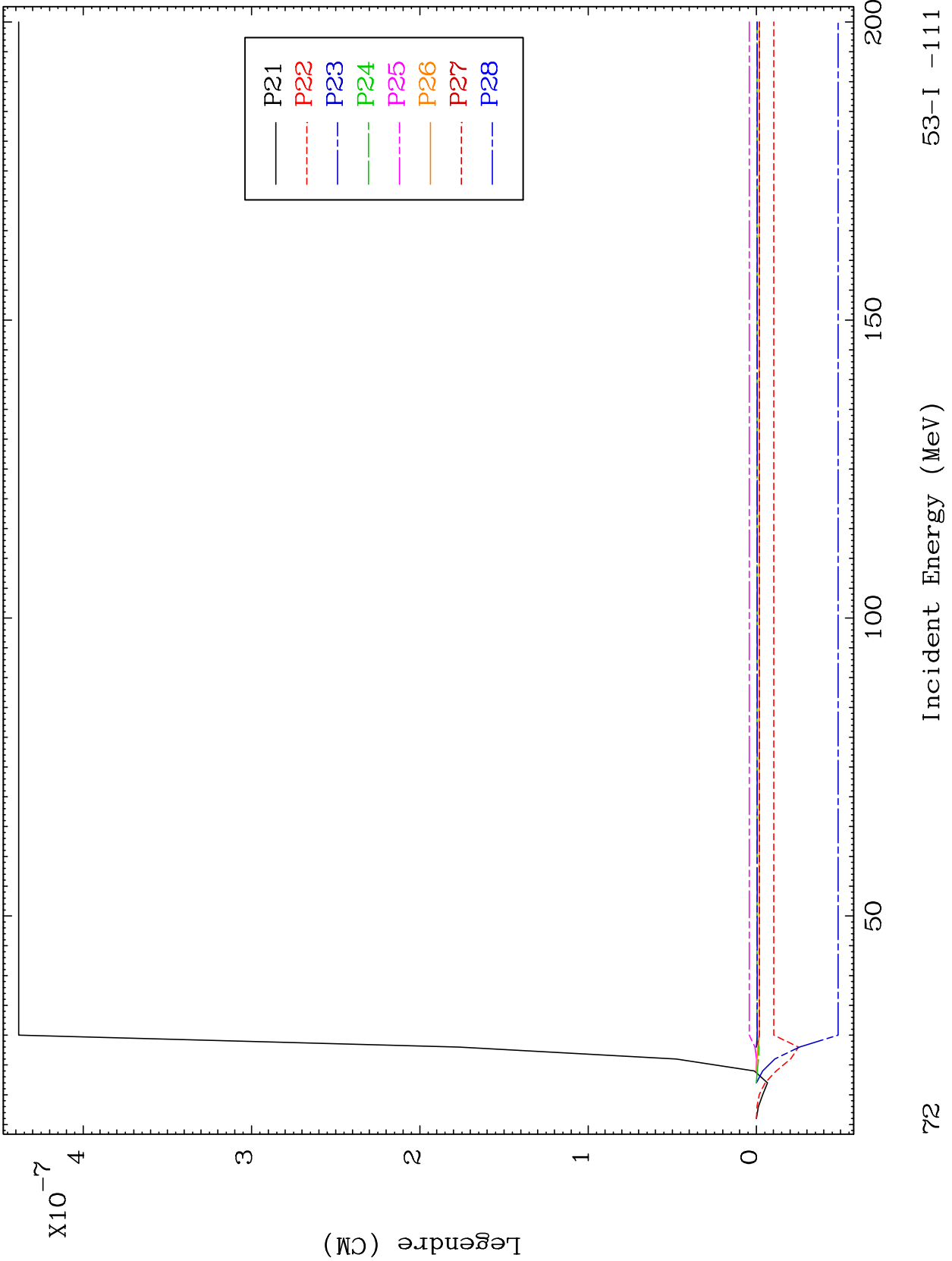


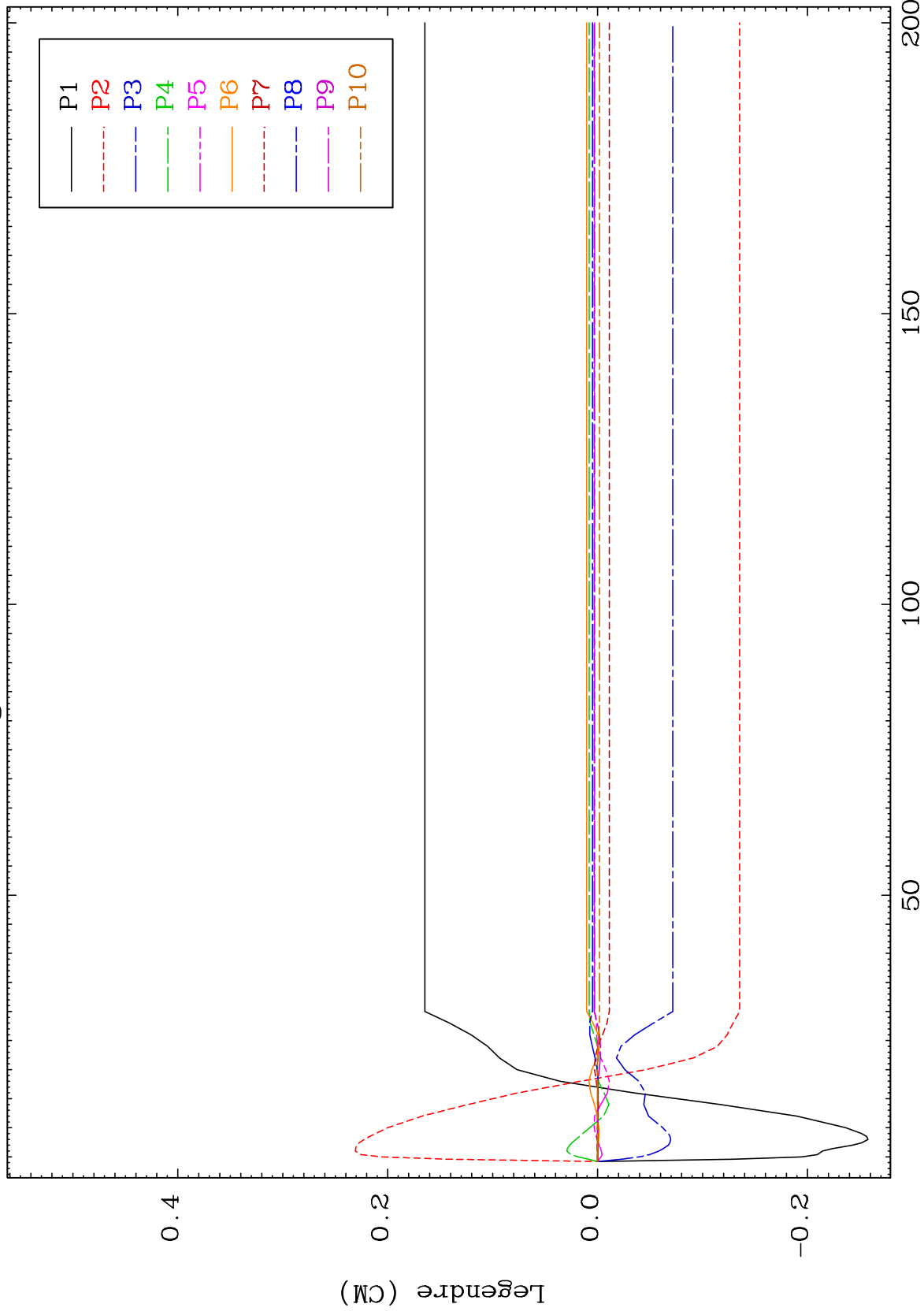
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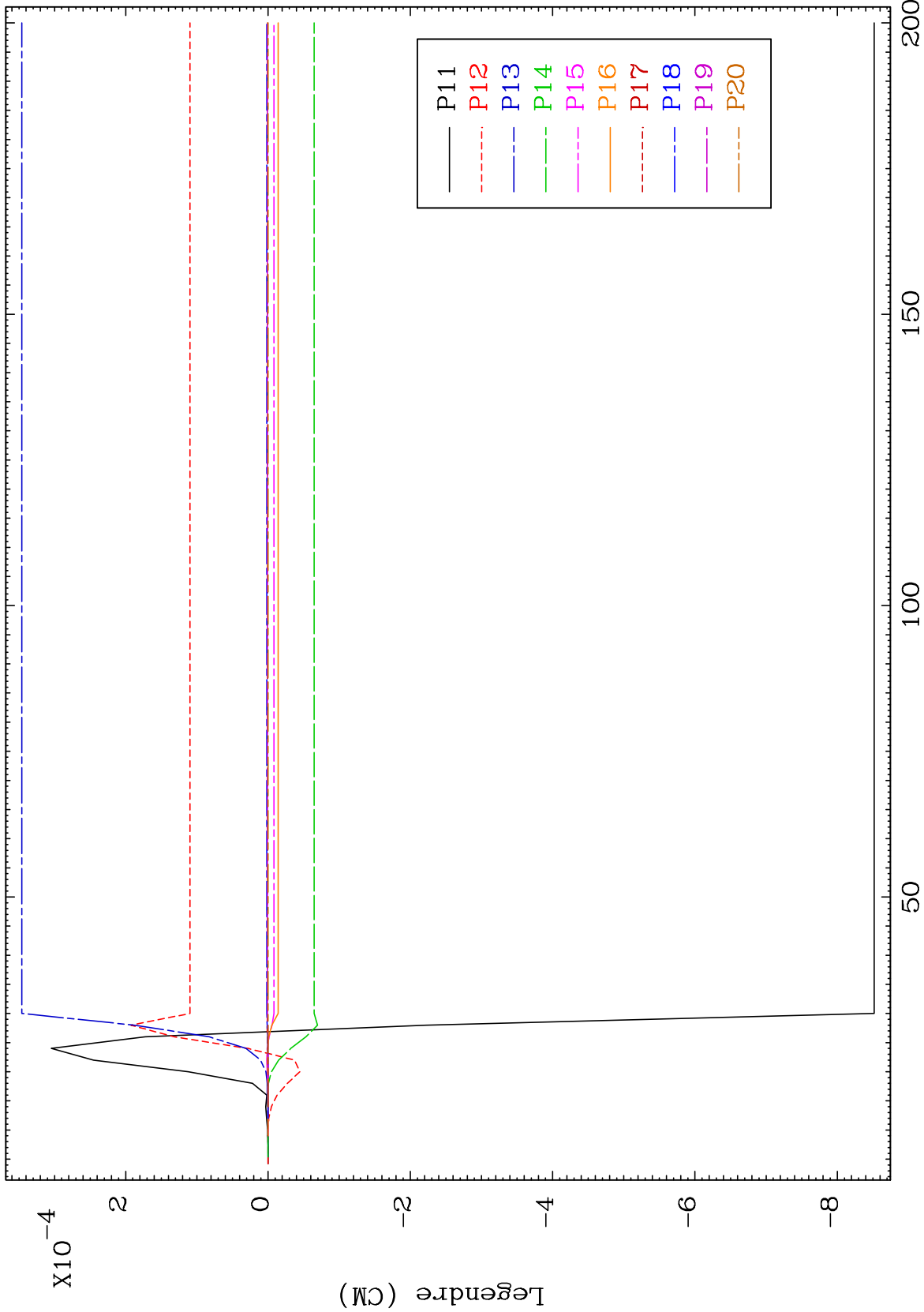
Incident Energy (MeV)

53-I -111





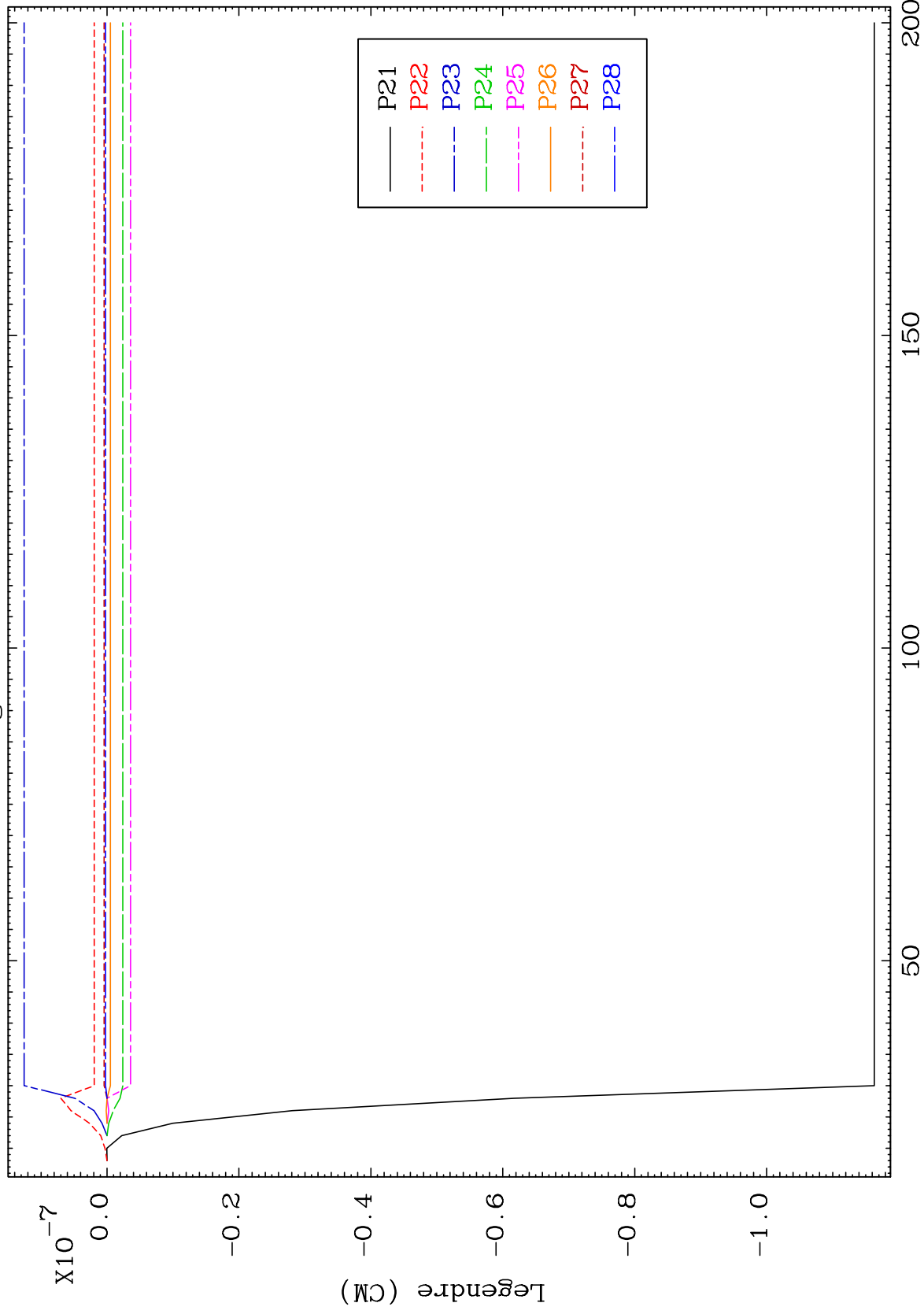




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4.149 MeV (n,n') Level
Legendre Coefficients

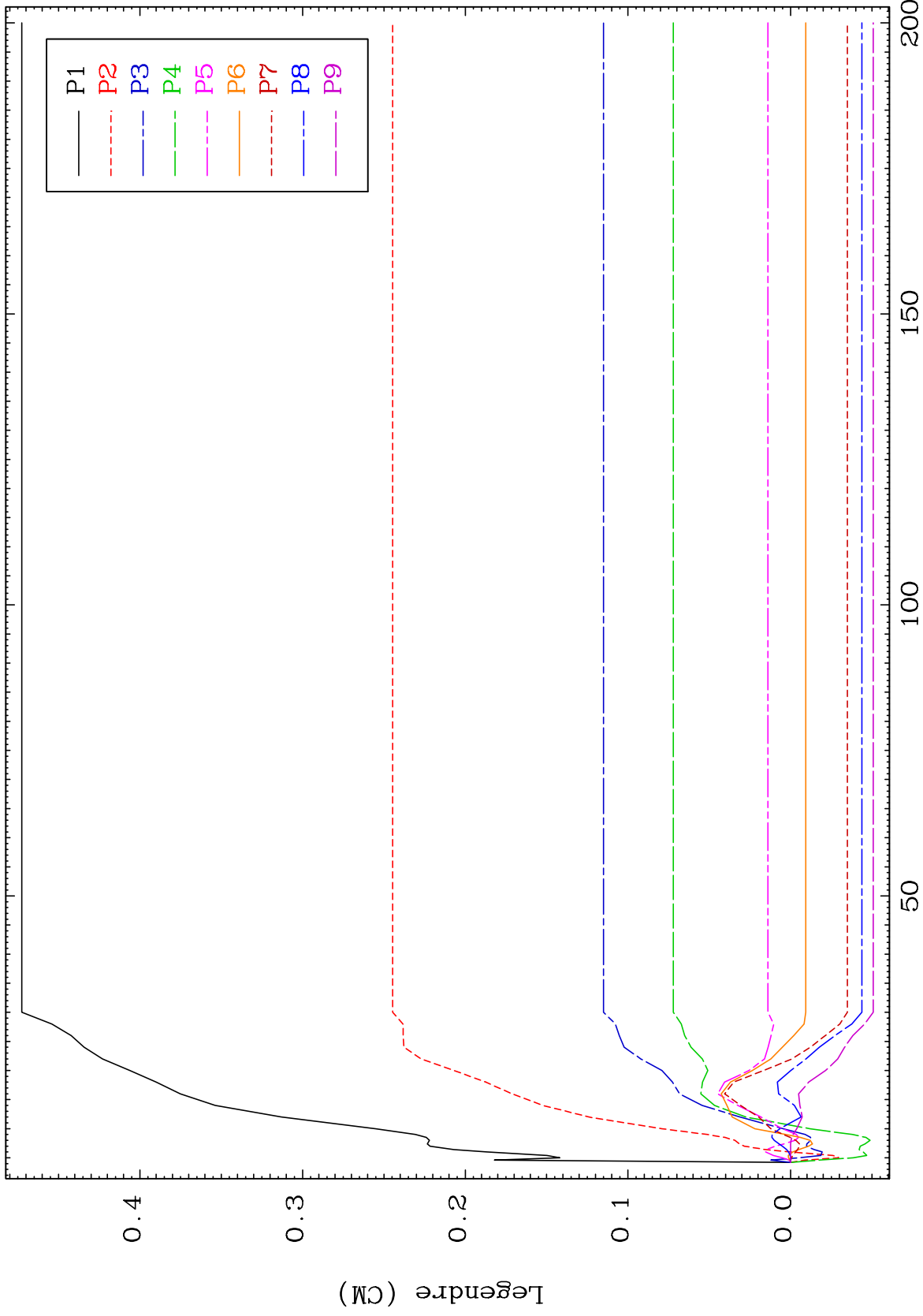
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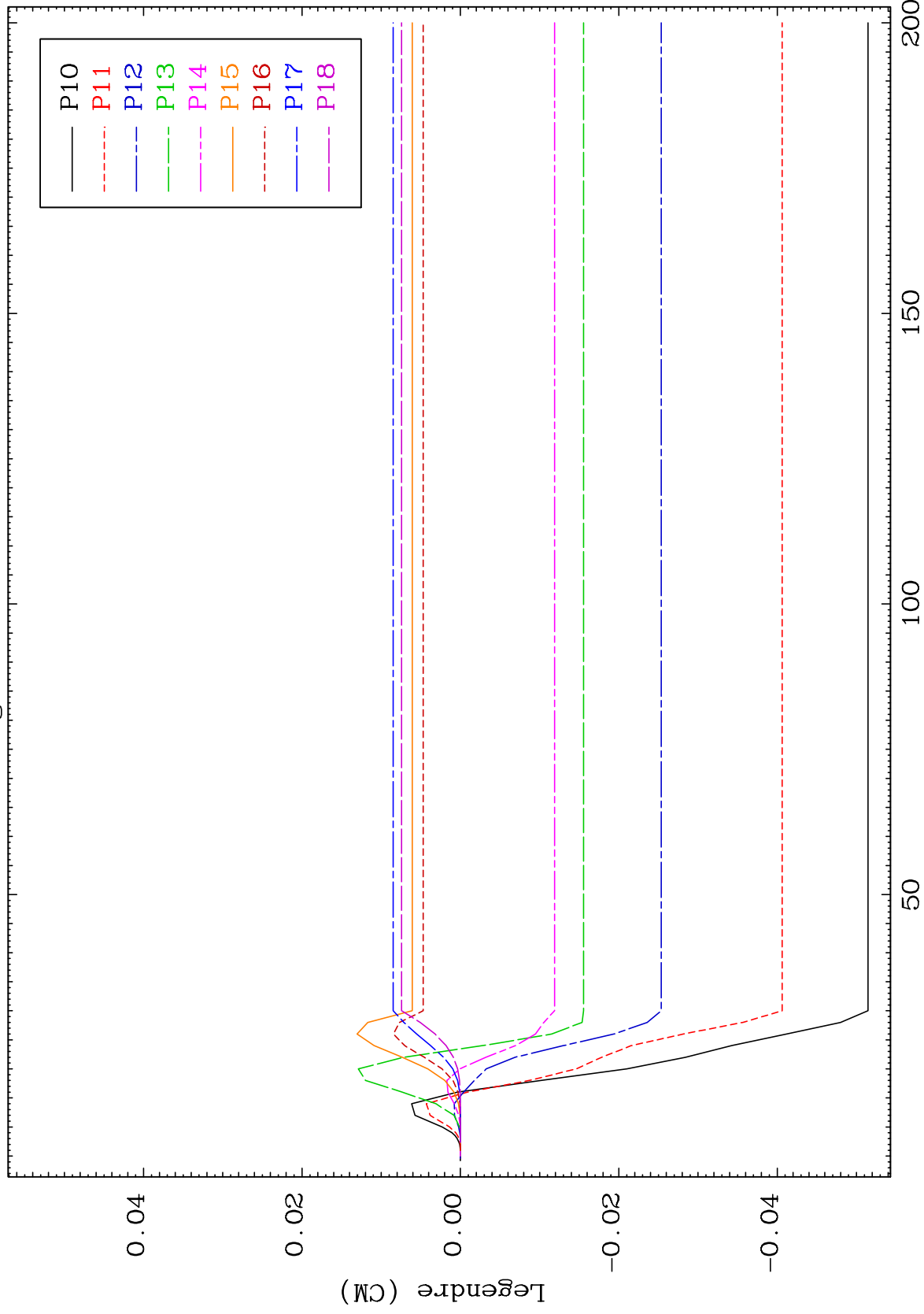


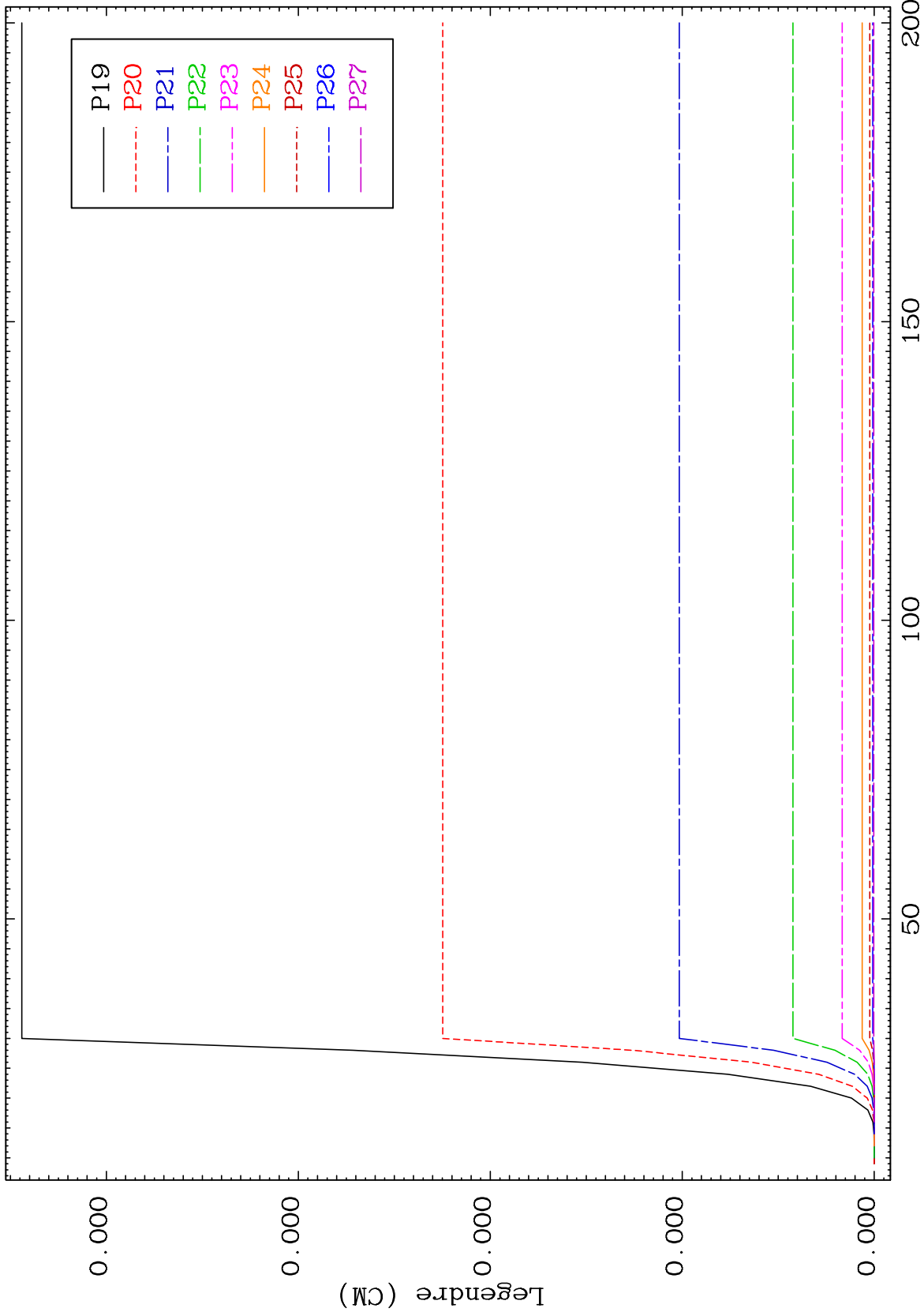
75

Incident Energy (MeV)

53-I -111



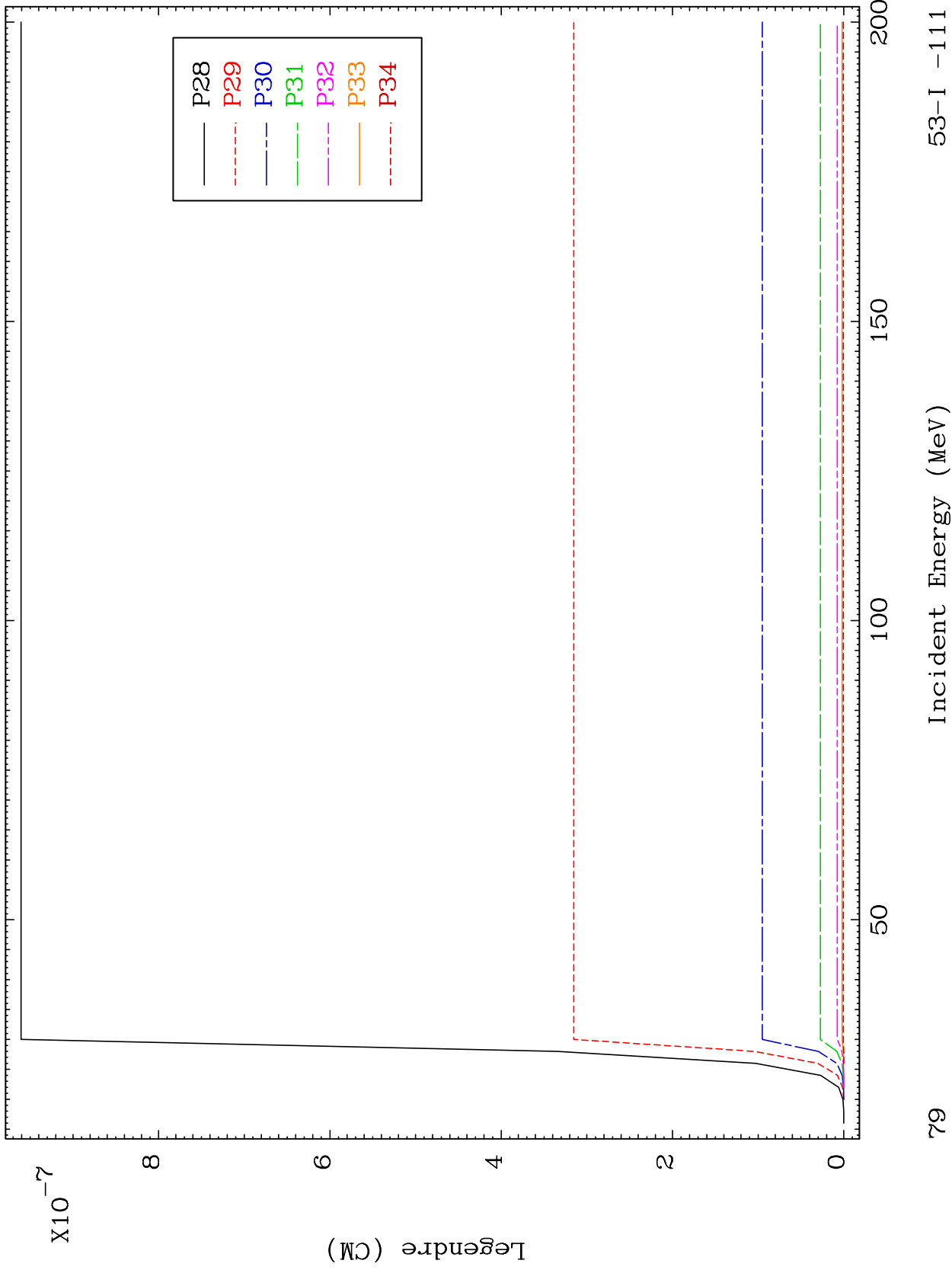


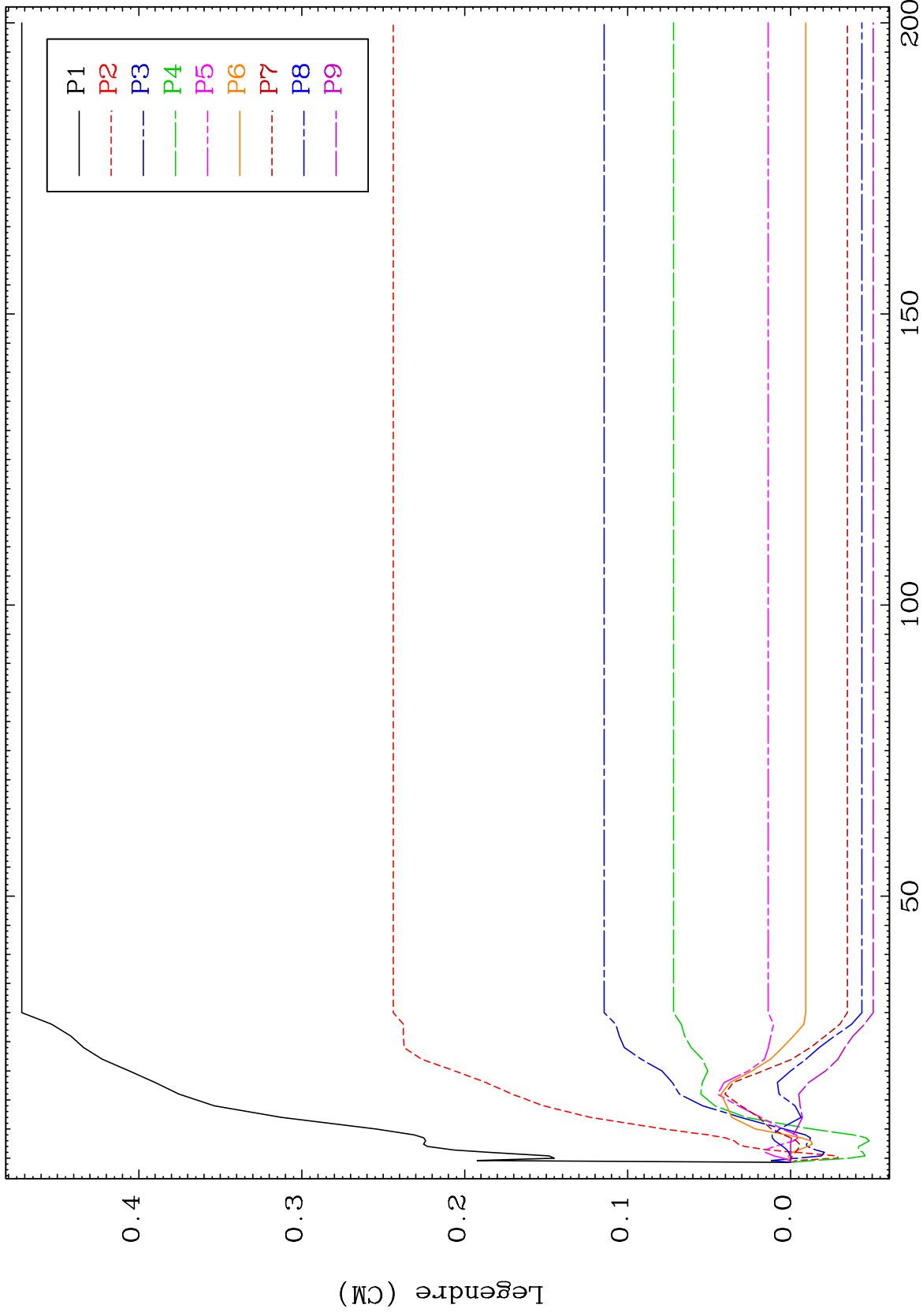


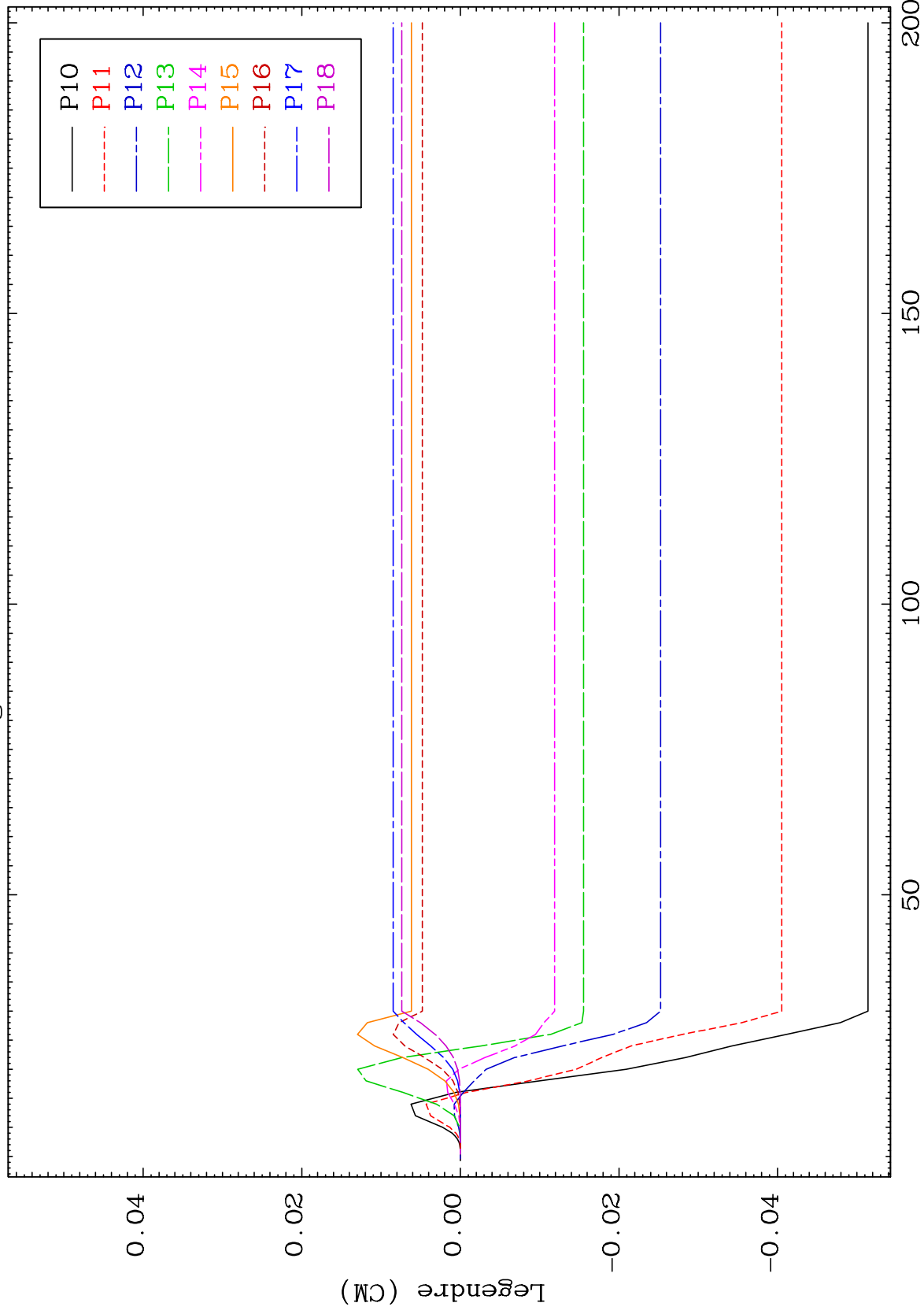
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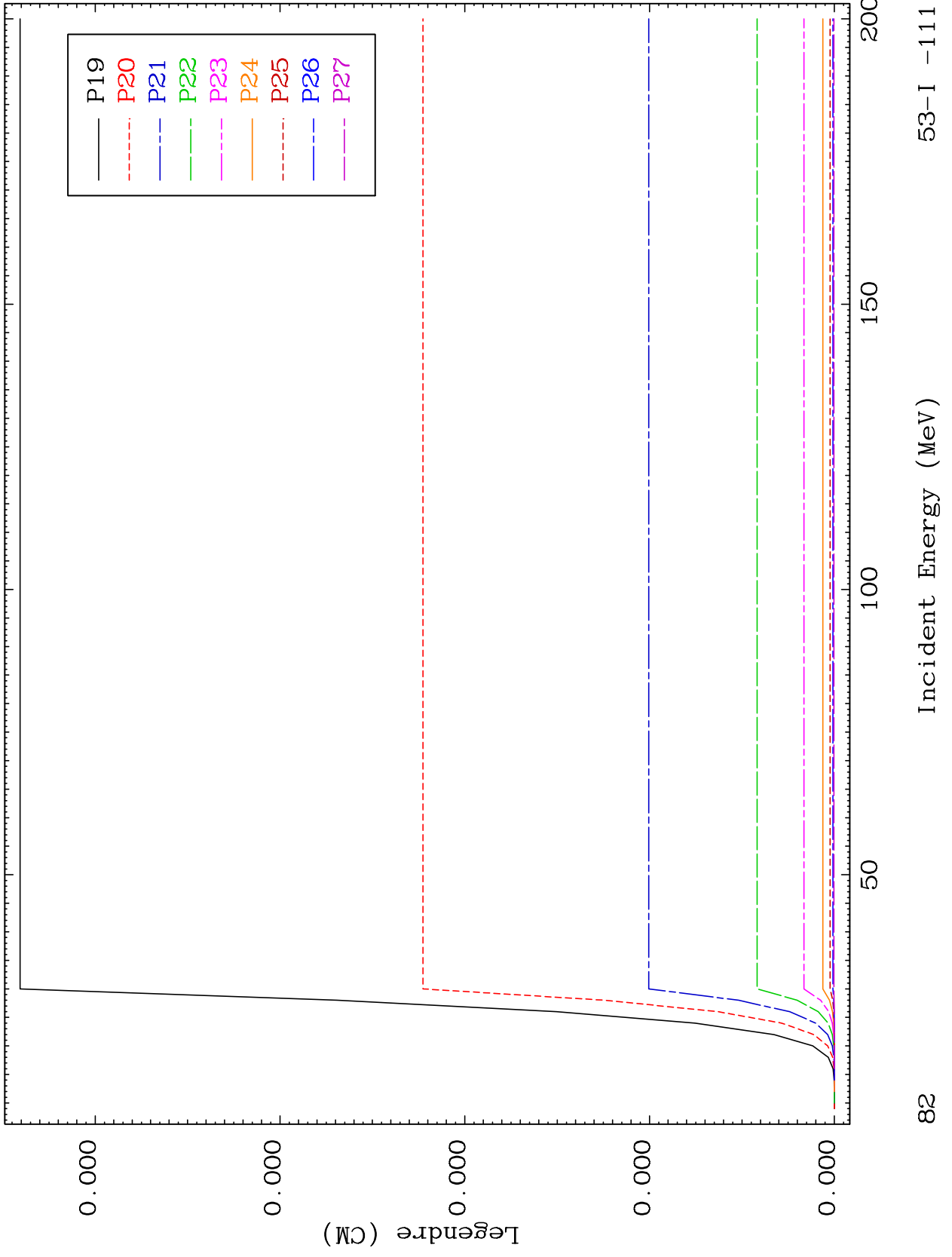
4.159 MeV (n,n') Level
Legendre Coefficients

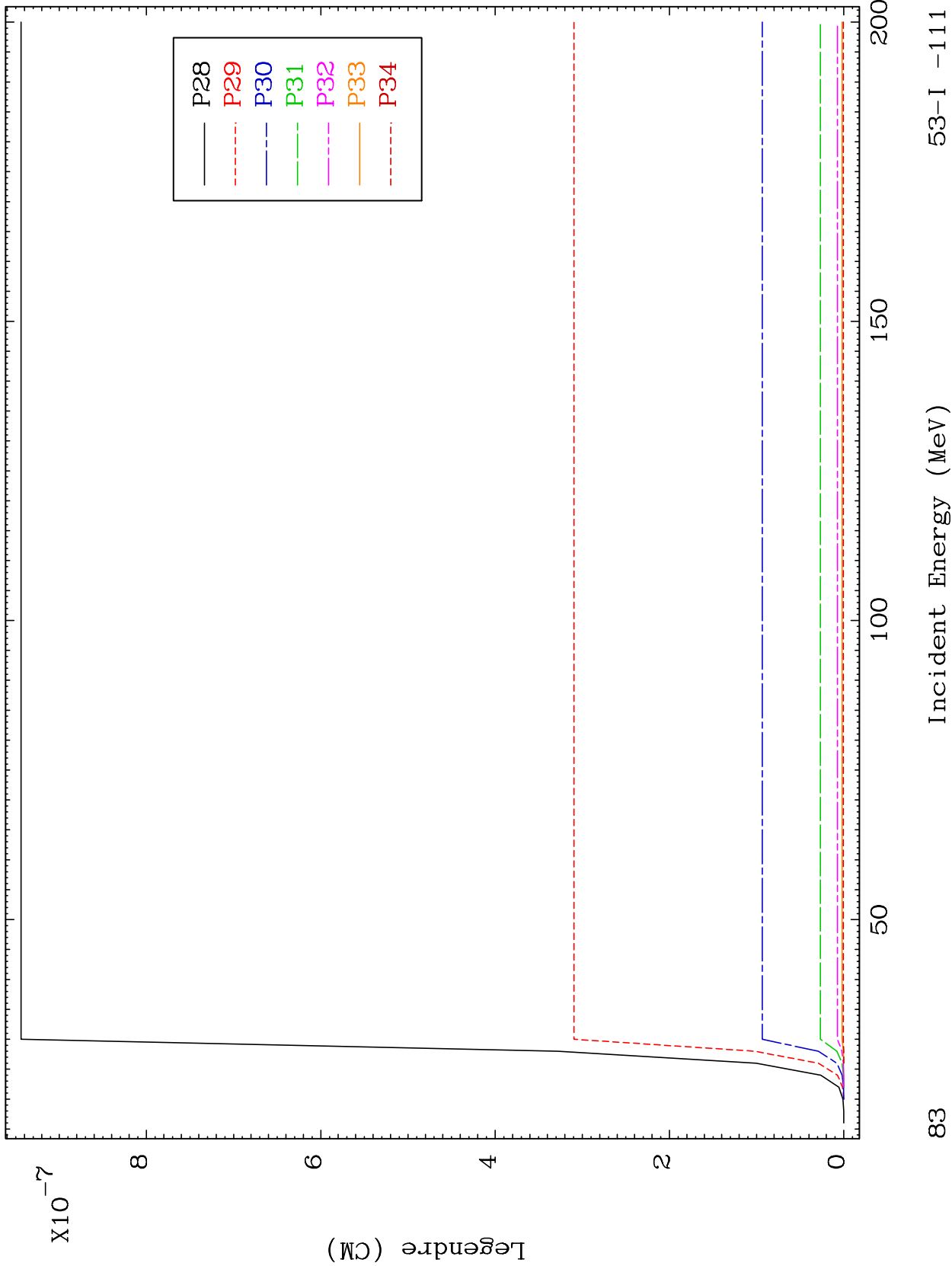
53-I -111









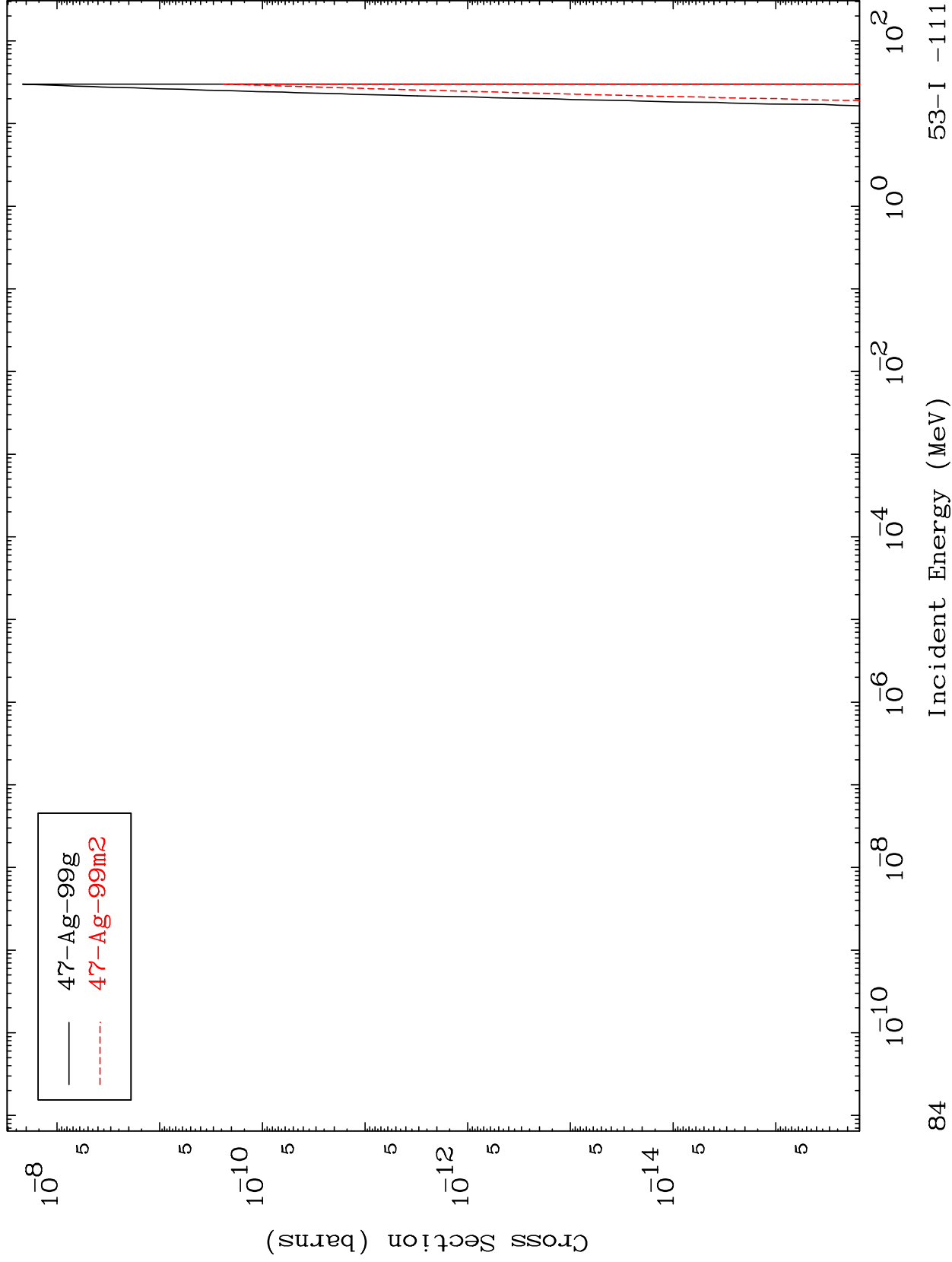


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(n,n') 3 α

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Radionuclide Production Cross Section



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Incident Energy (MeV)

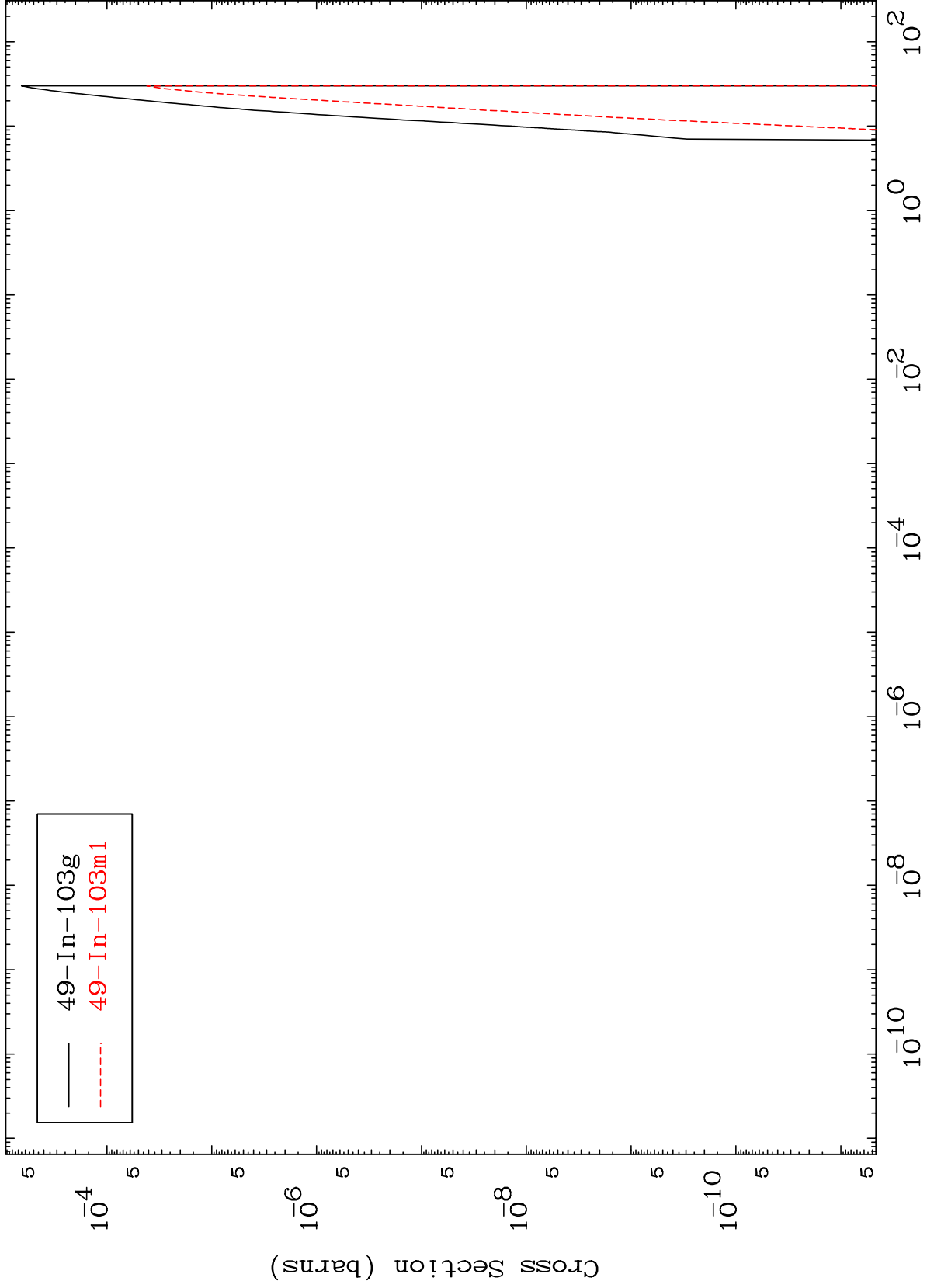
53-I -111

MAT 5277

(n,n') 2α

53-I -111

Radionuclide Production Cross Section

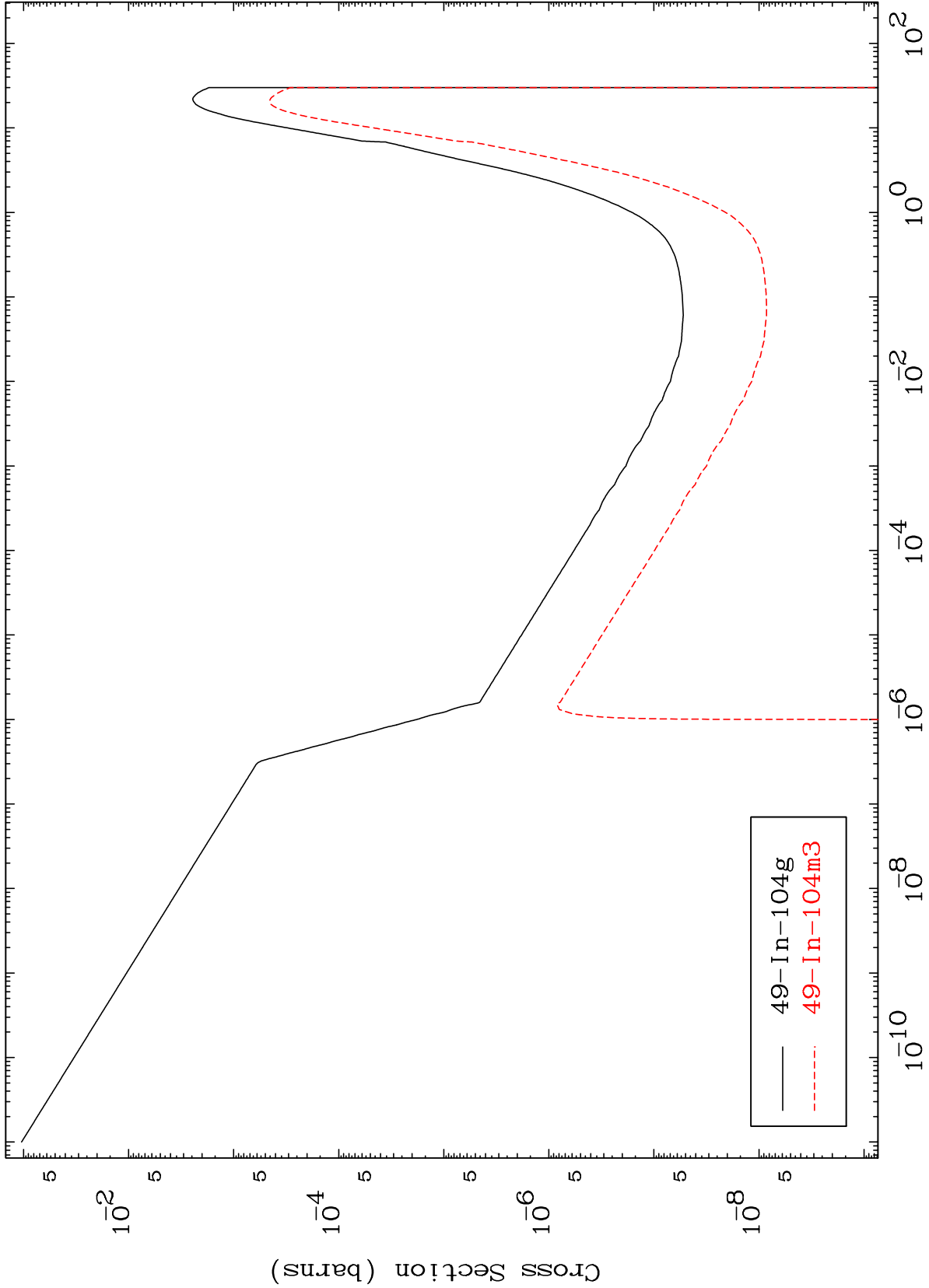


85

Incident Energy (MeV)

53-I -111

Radionuclide Production Cross Section



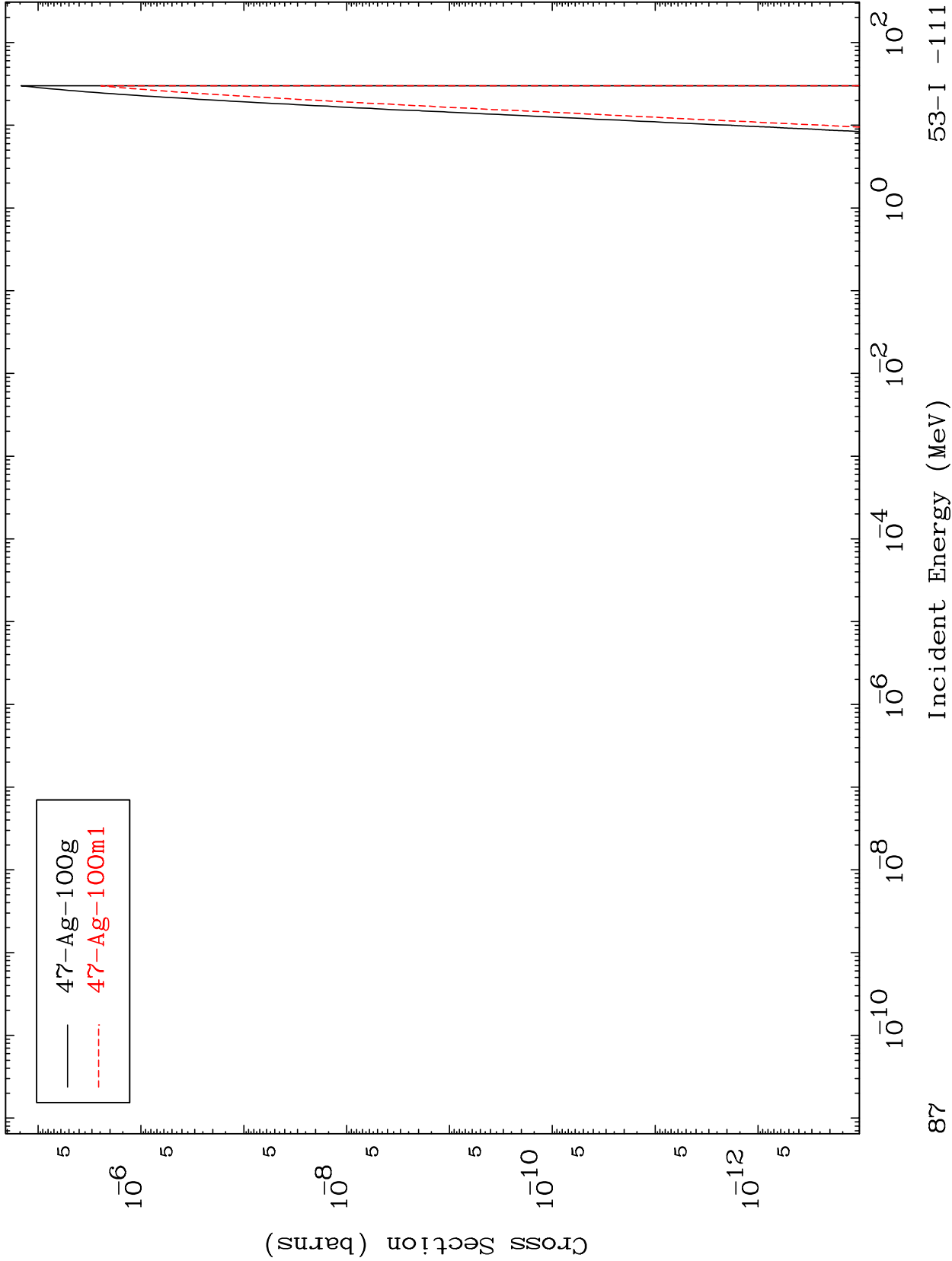
— 49-In-104g
- - - 49-In-104m3

MAT 5277

(n,3α)

53-I -111

Radionuclide Production Cross Section



— 47-Ag-100g
- - - 47-Ag-100m1