

Program EVALPLOT
(Version 2015-2)

by

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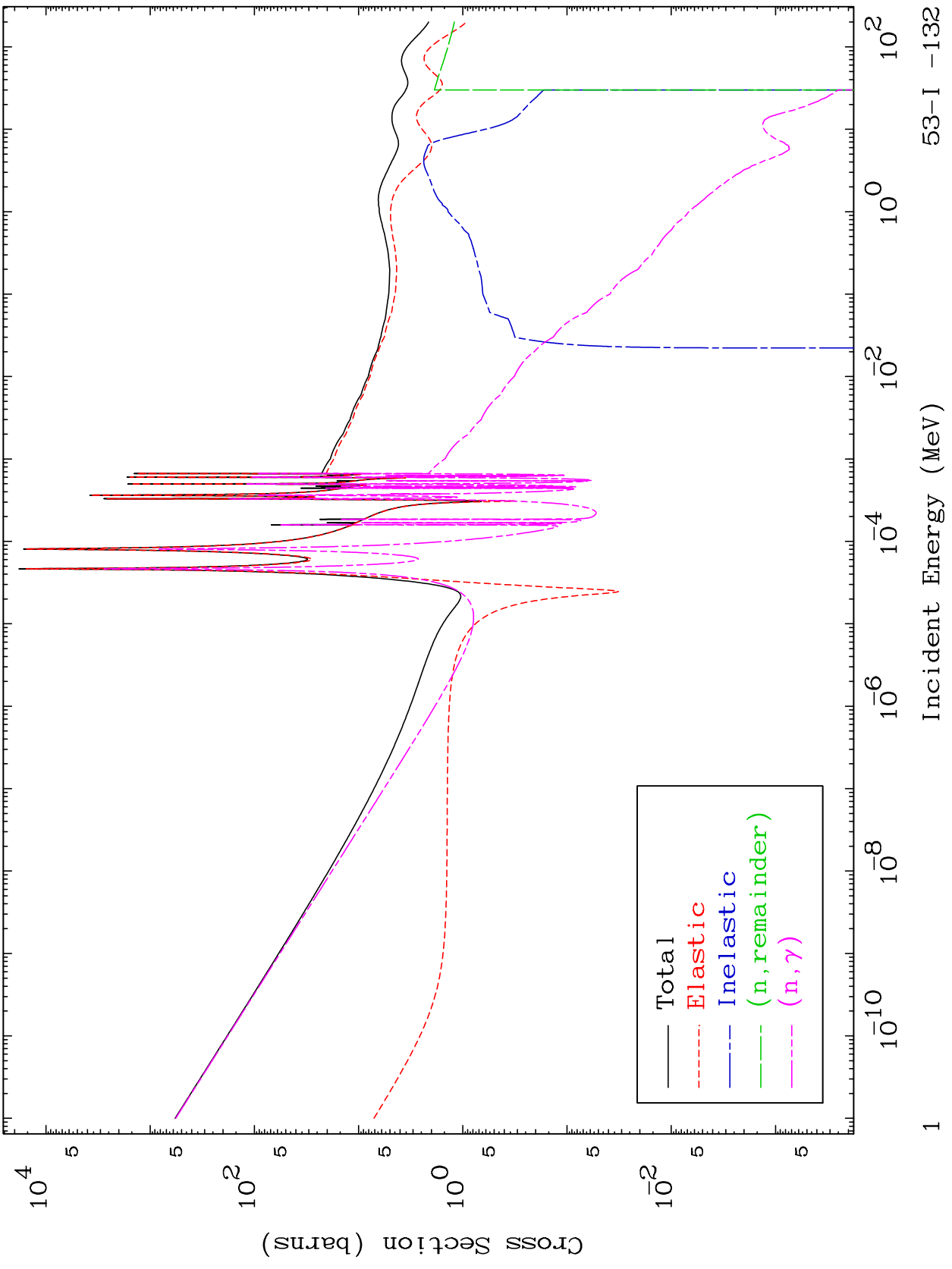
Press Mouse Button to Start

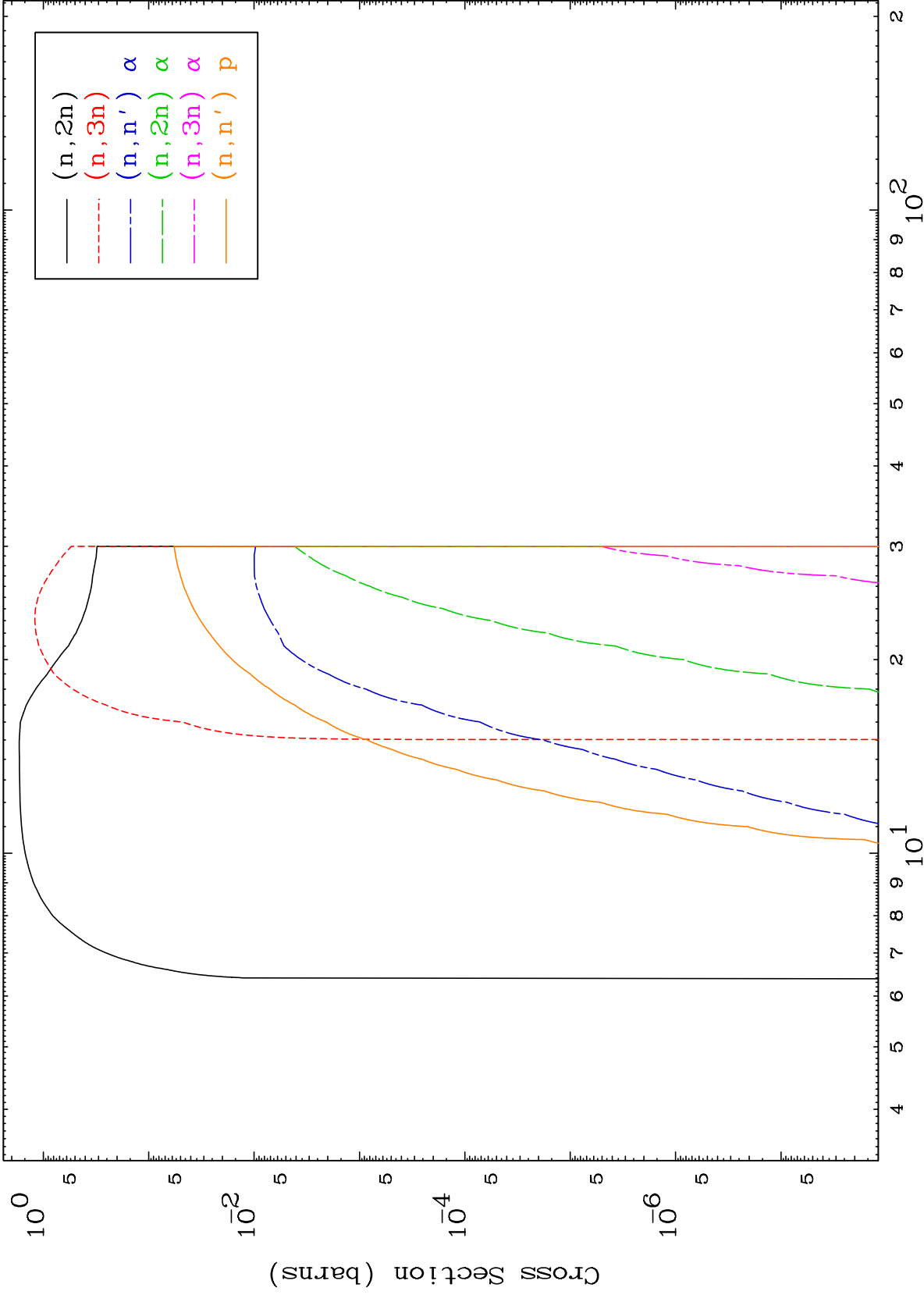
MAT 5340

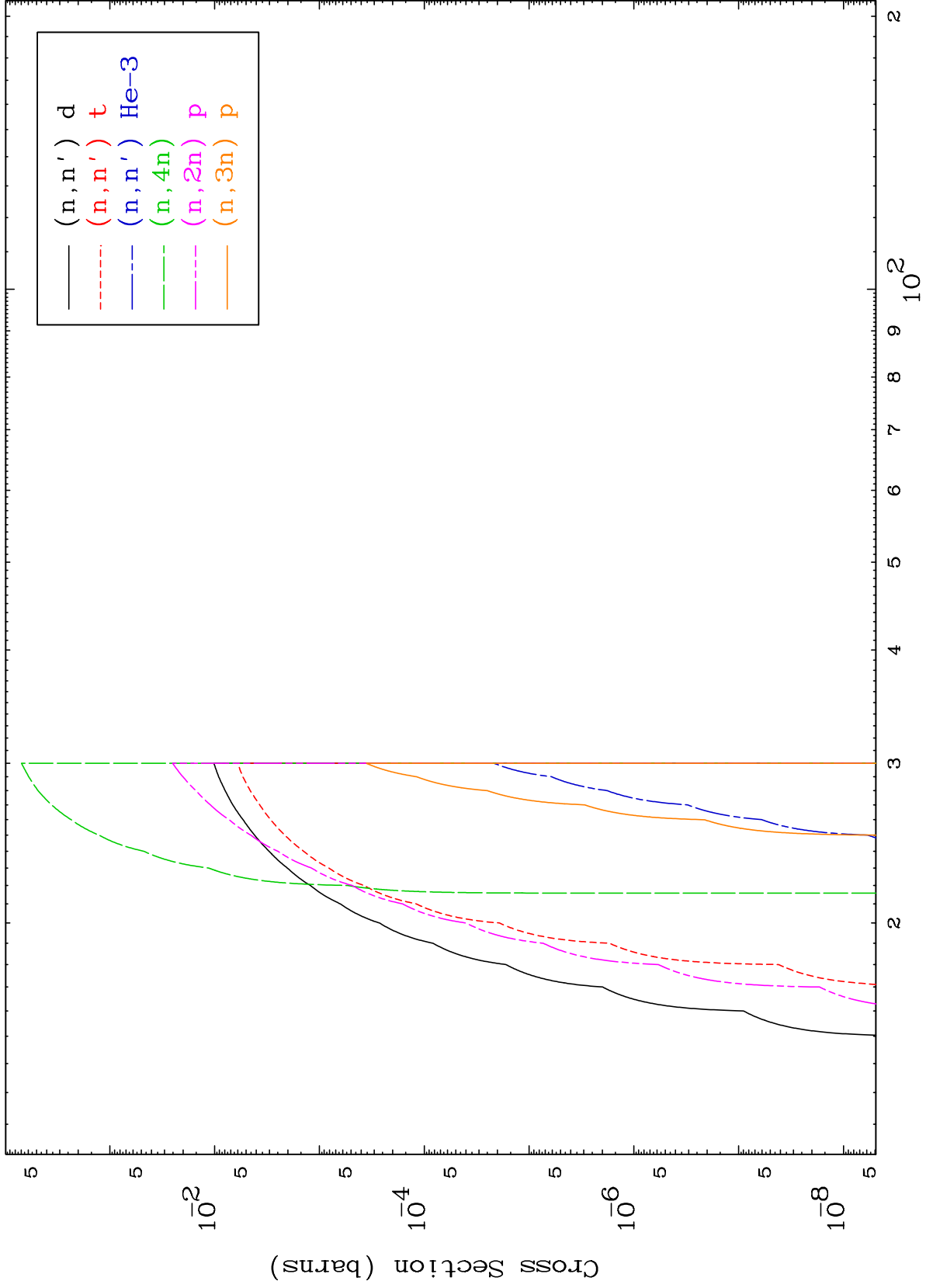
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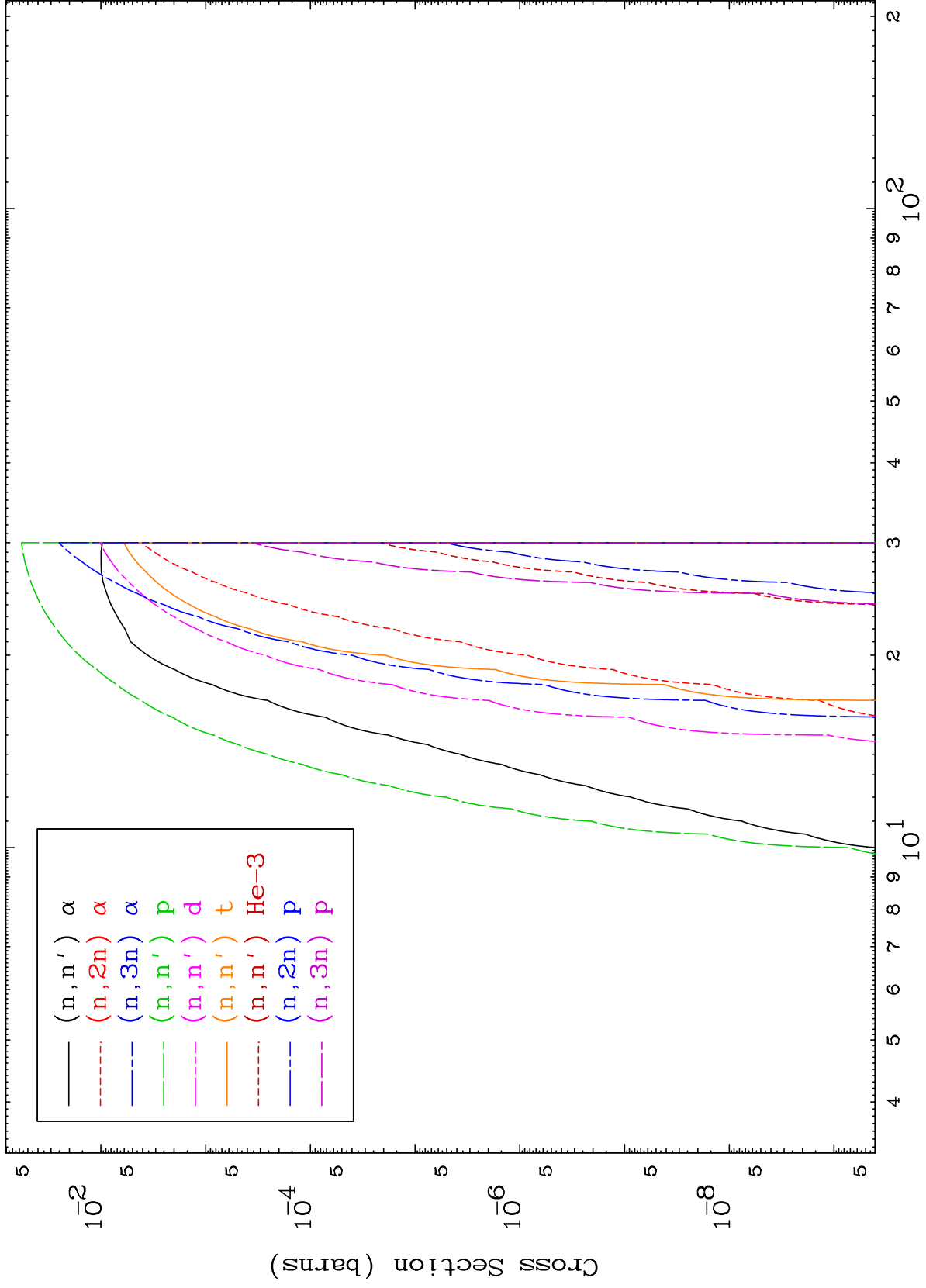
293 Kelvin Cross Sections

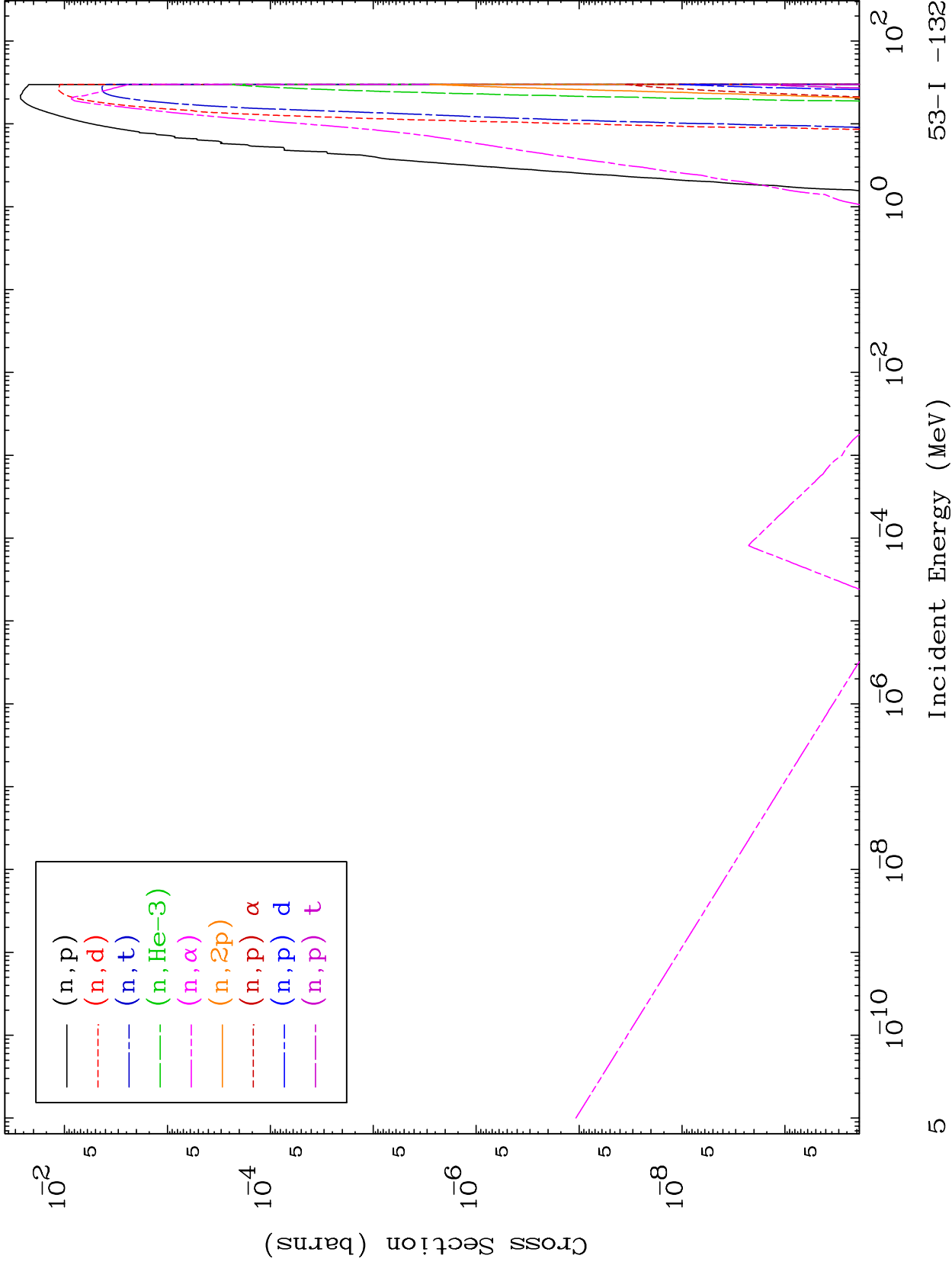
53-I -132

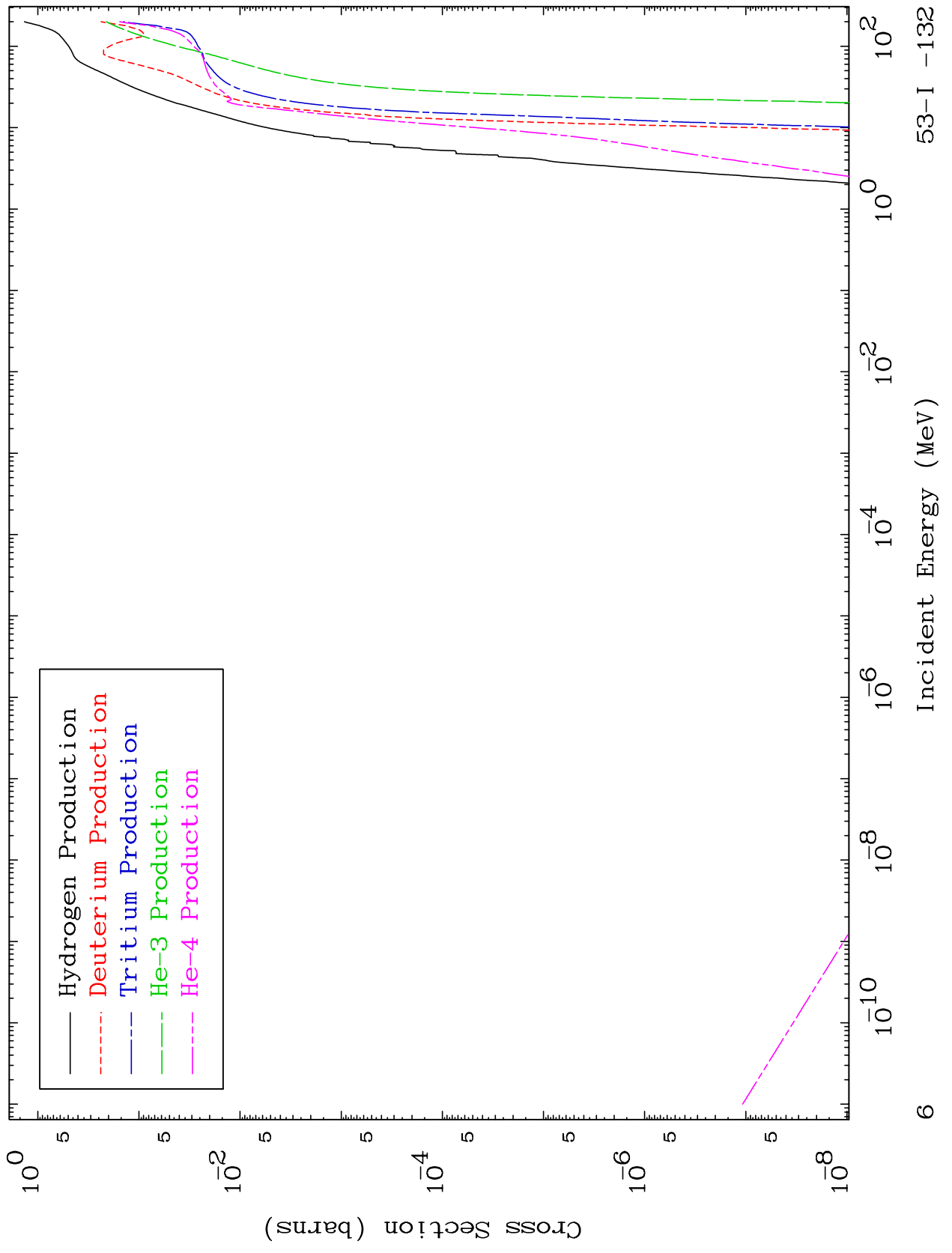


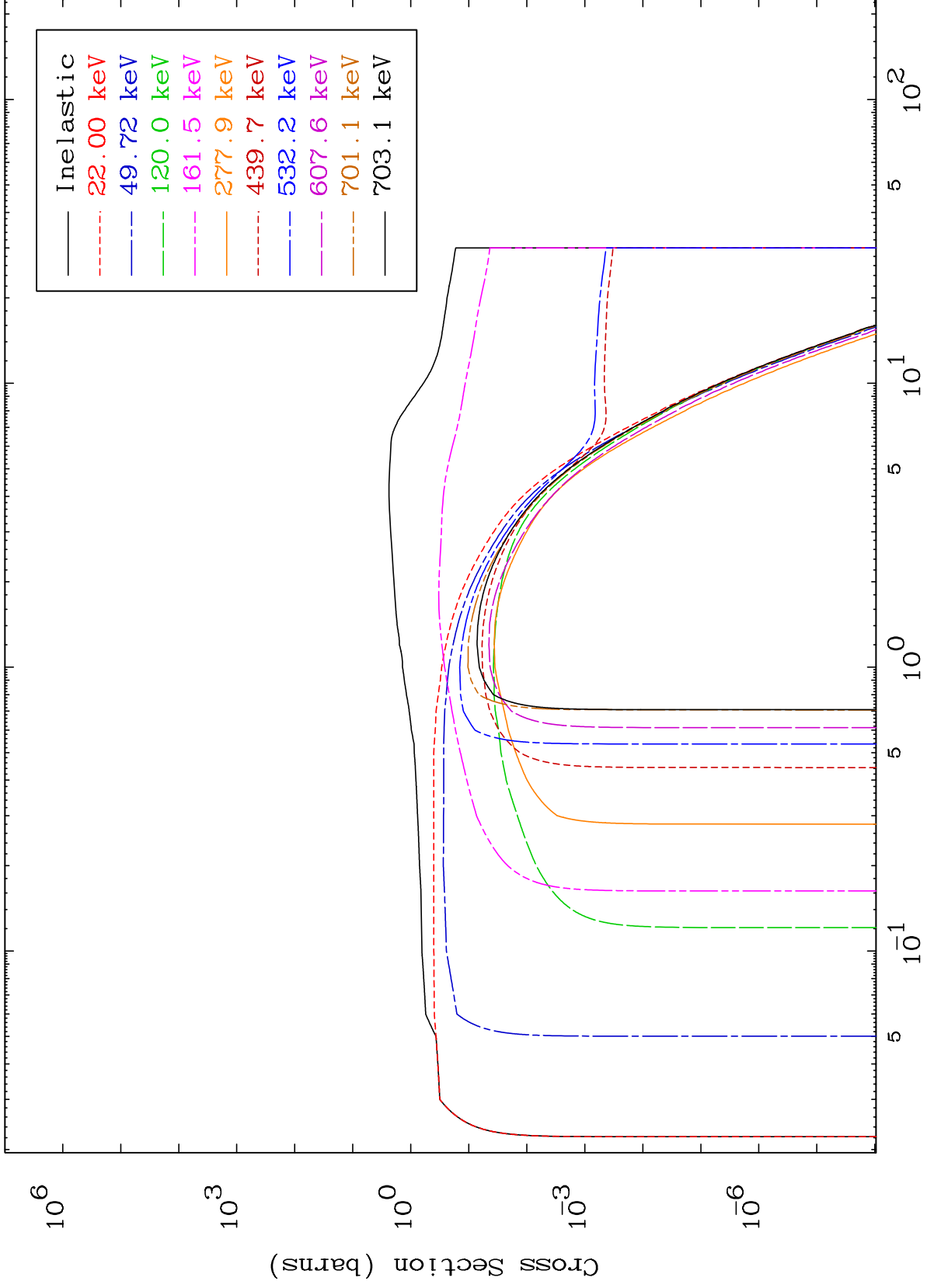




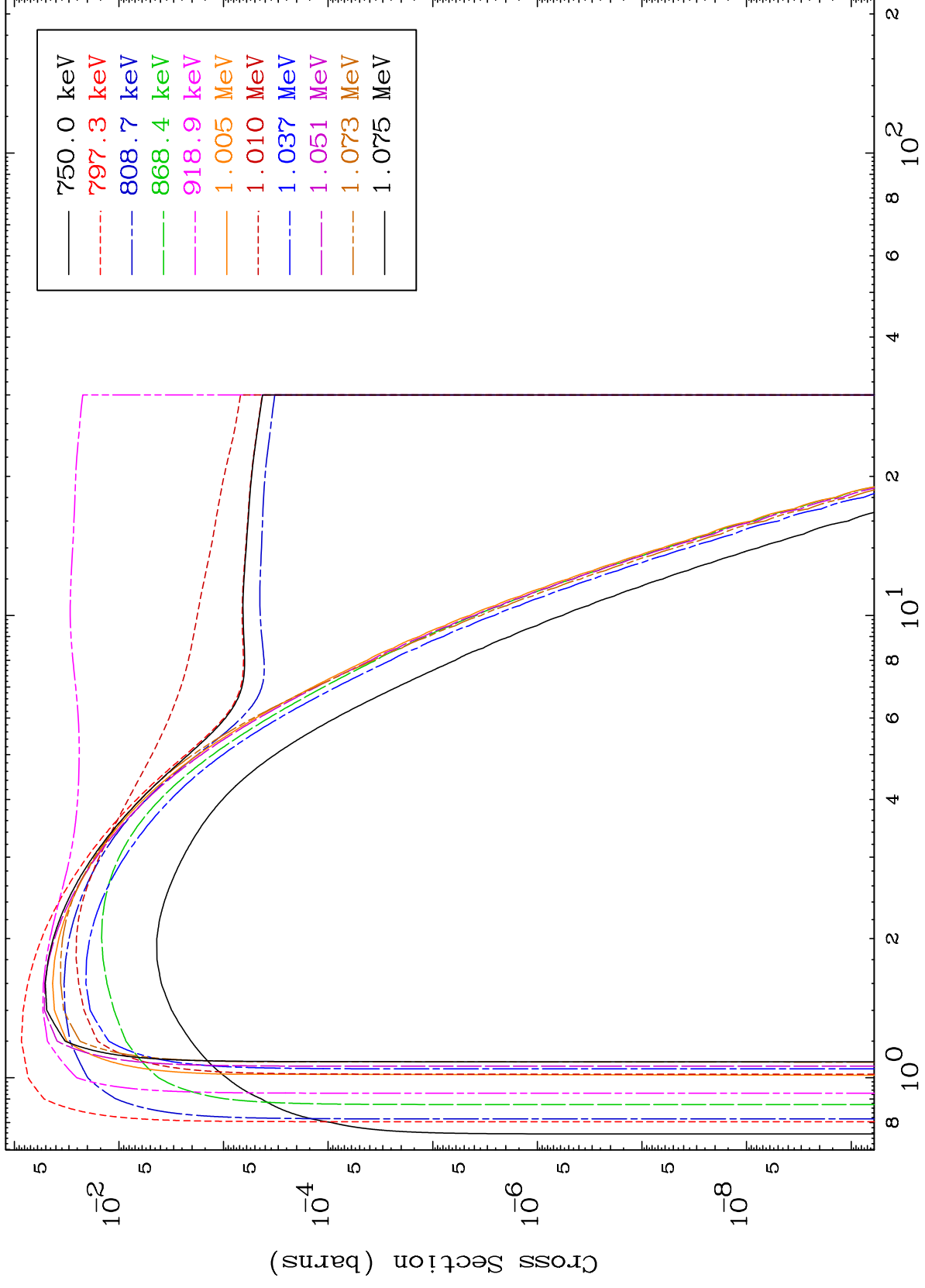




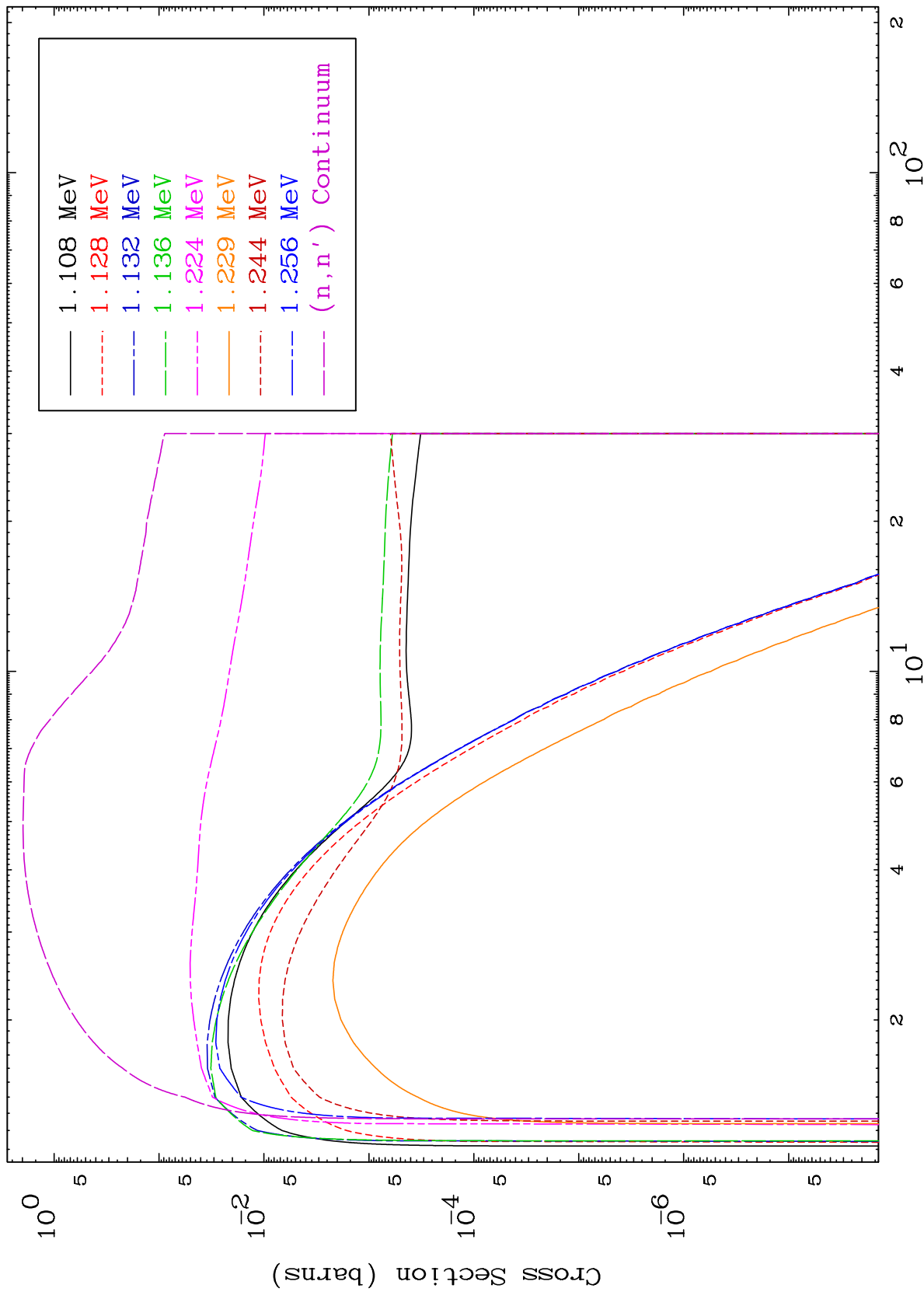




293 Kelvin Cross Sections



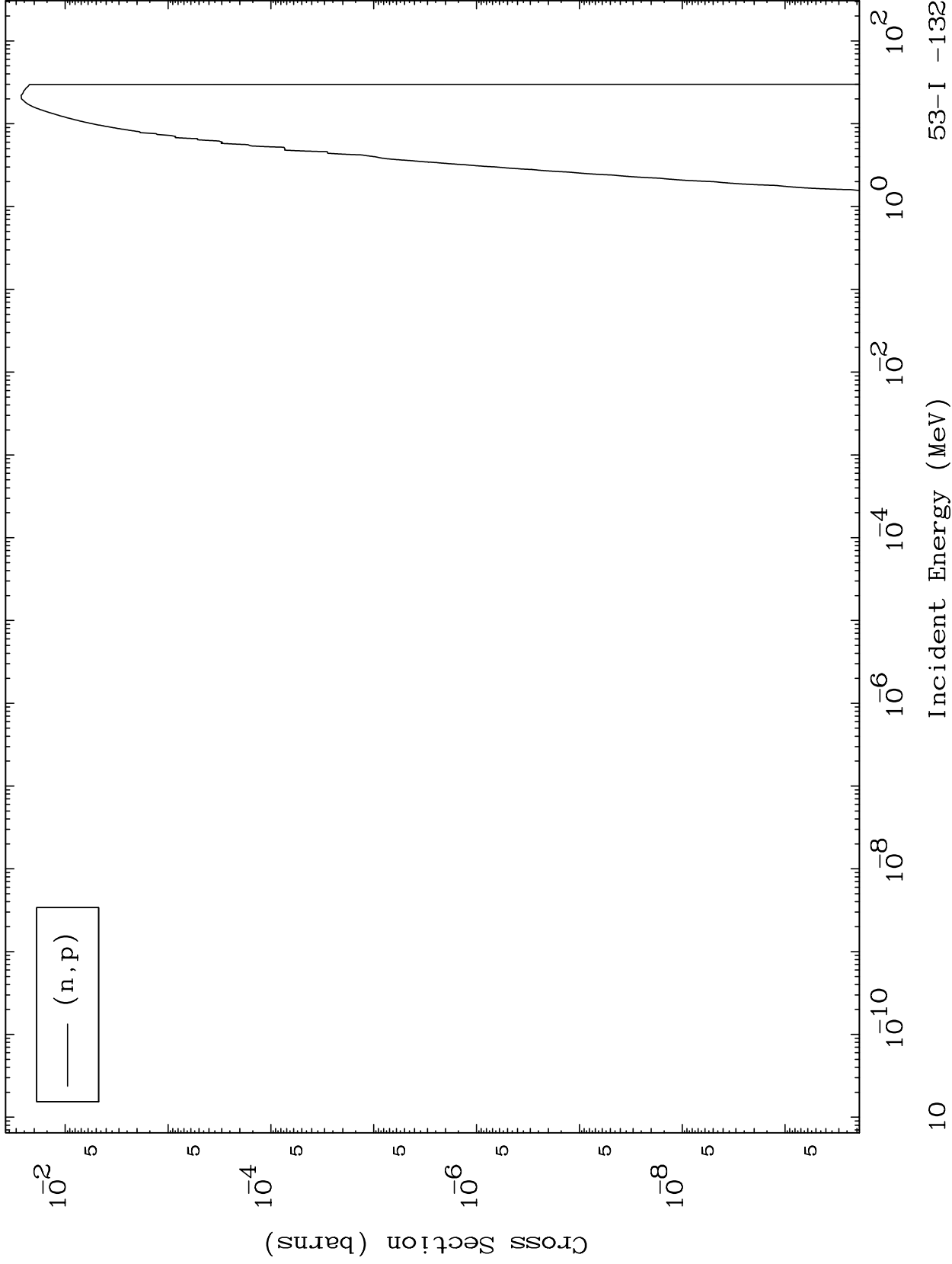
293 Kelvin Cross Sections



MAT 5340

(n,p) Levels
293 Kelvin Cross Sections

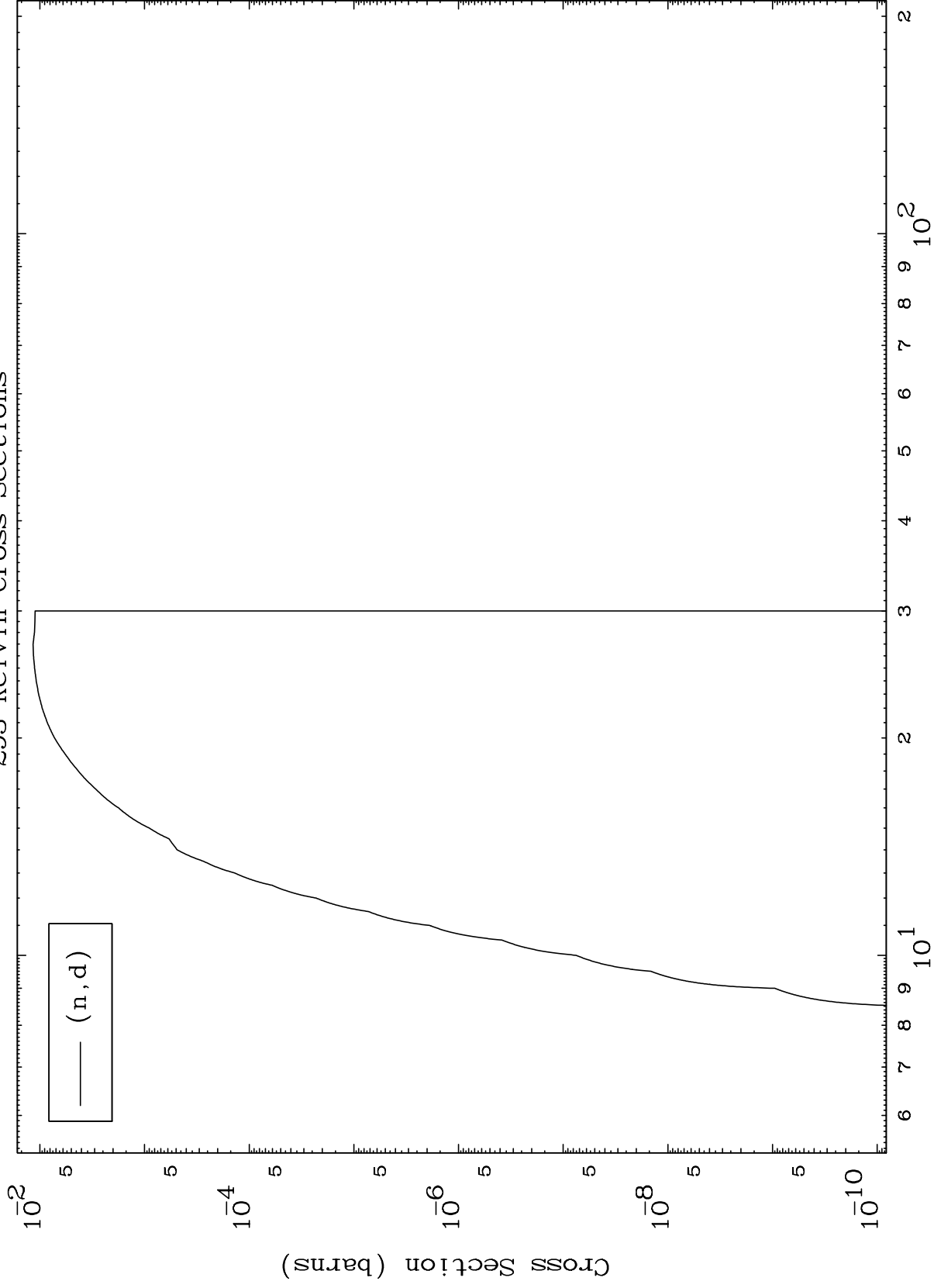
53-I -132



MAT 5340

(n,d) Levels
293 Kelvin Cross Sections

53-I -132



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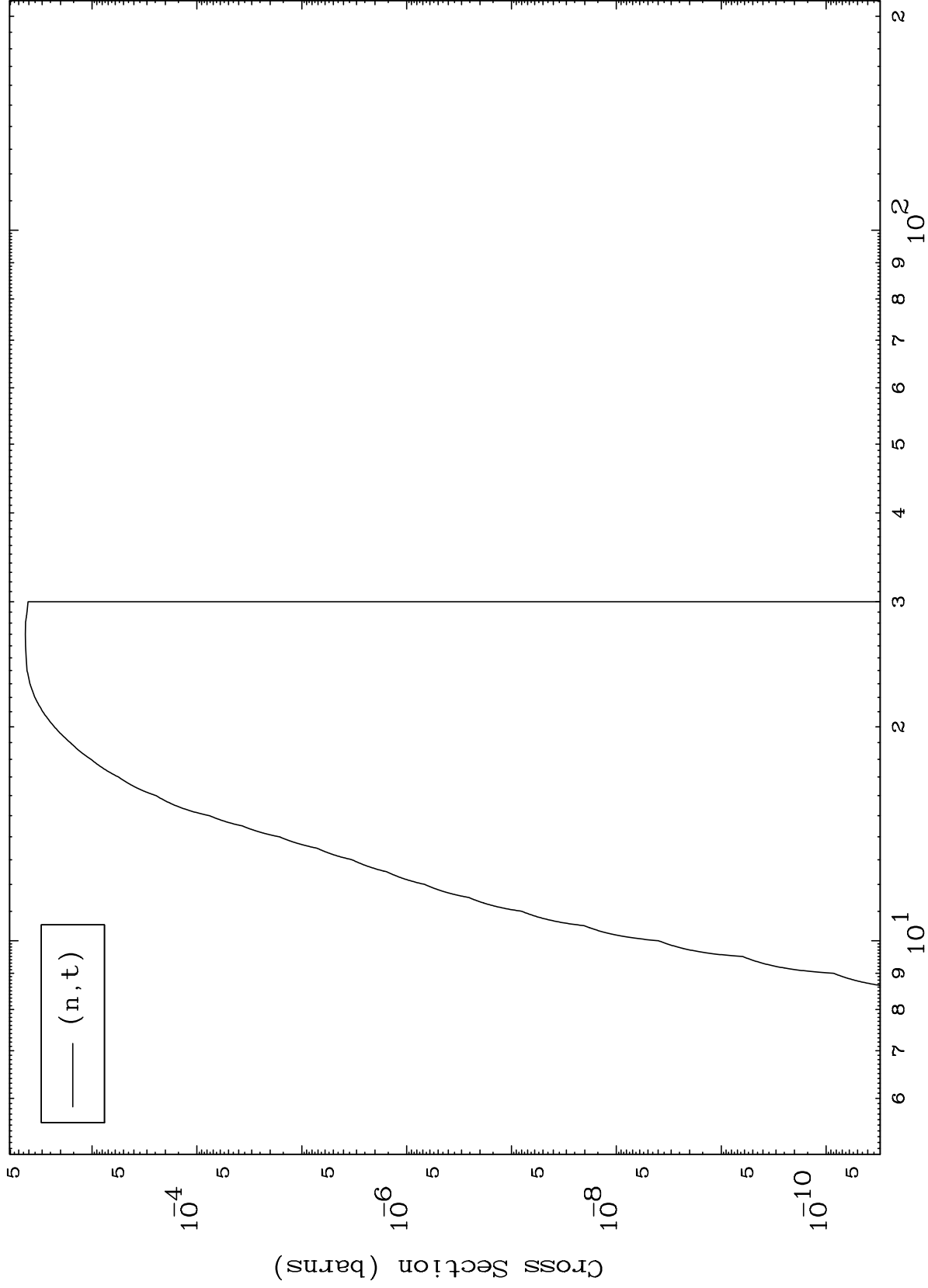
Incident Energy (MeV)

53-I -132

MAT 5340

(n,t) Levels
293 Kelvin Cross Sections

53-I -132



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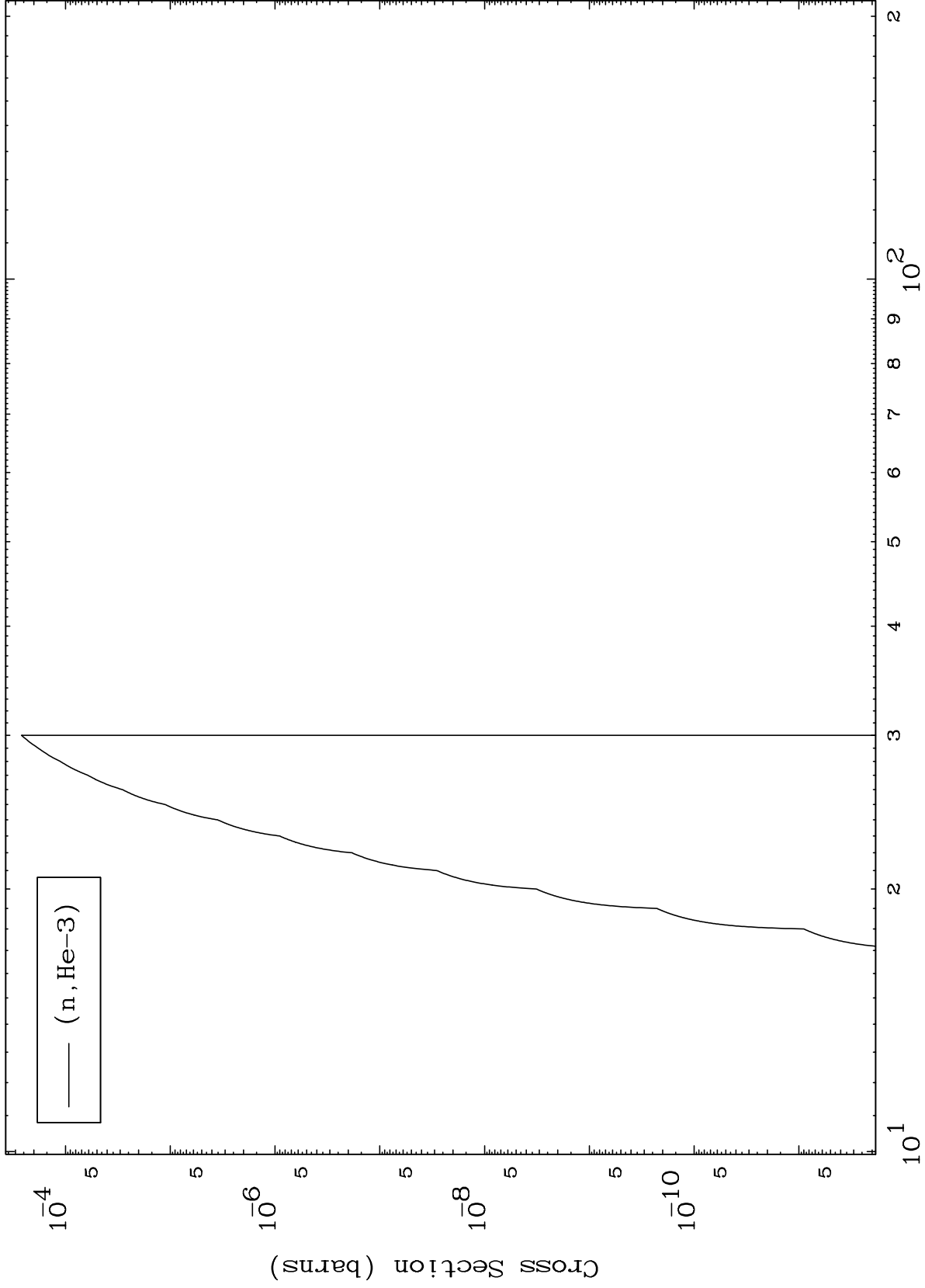
Incident Energy (MeV)

53-I -132

MAT 5340

(n,He3) Levels
293 Kelvin Cross Sections

53-I -132



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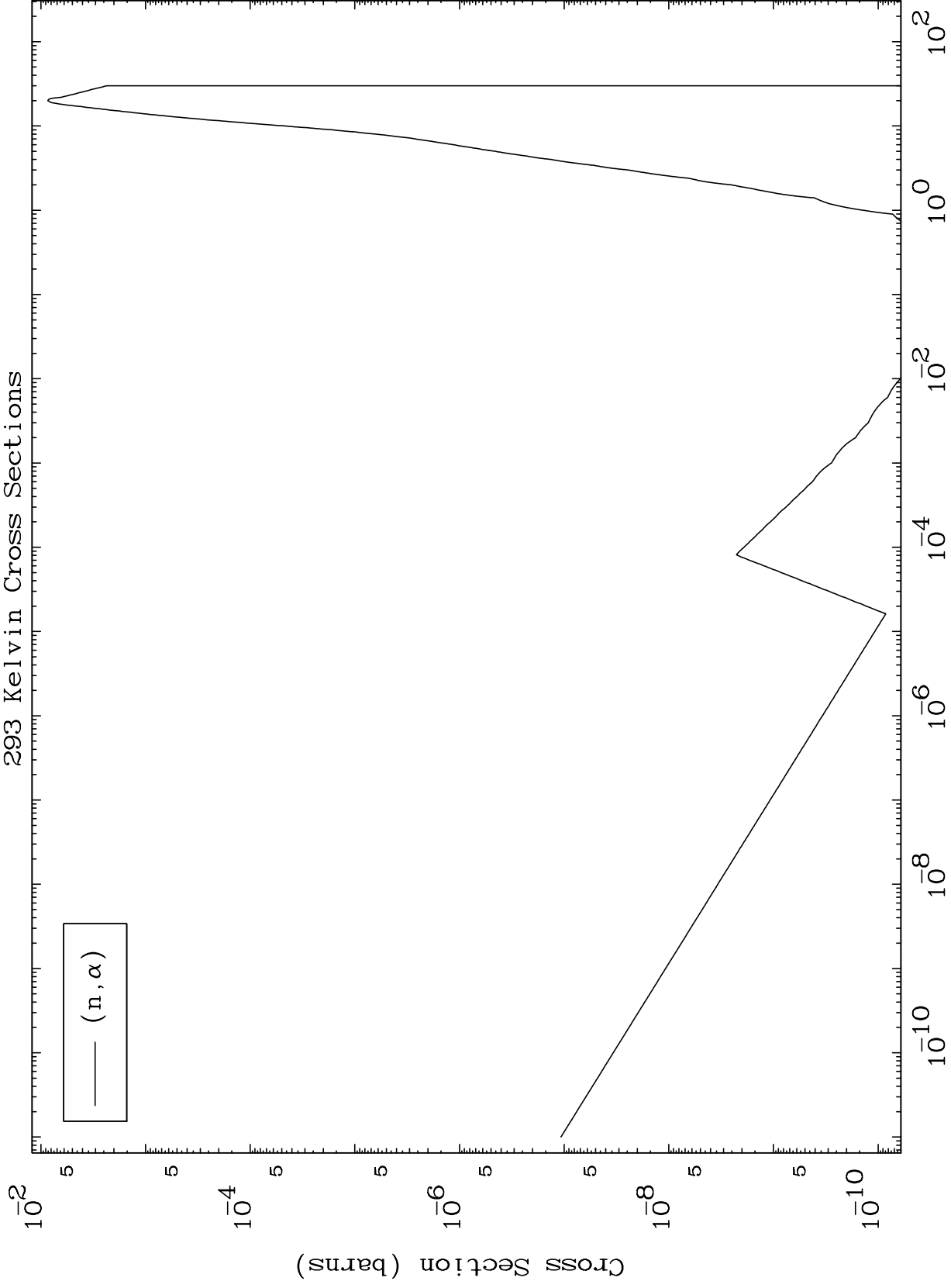
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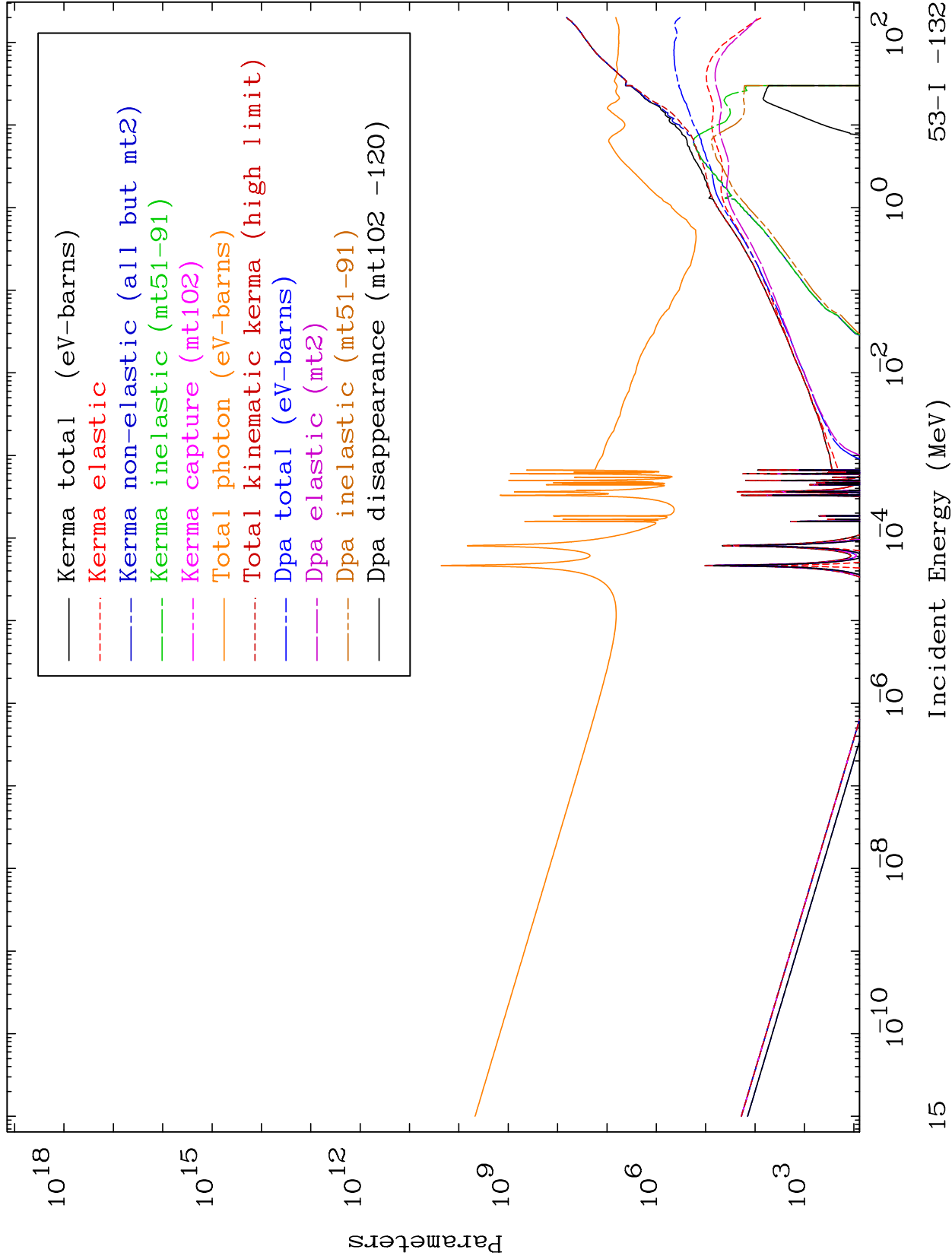
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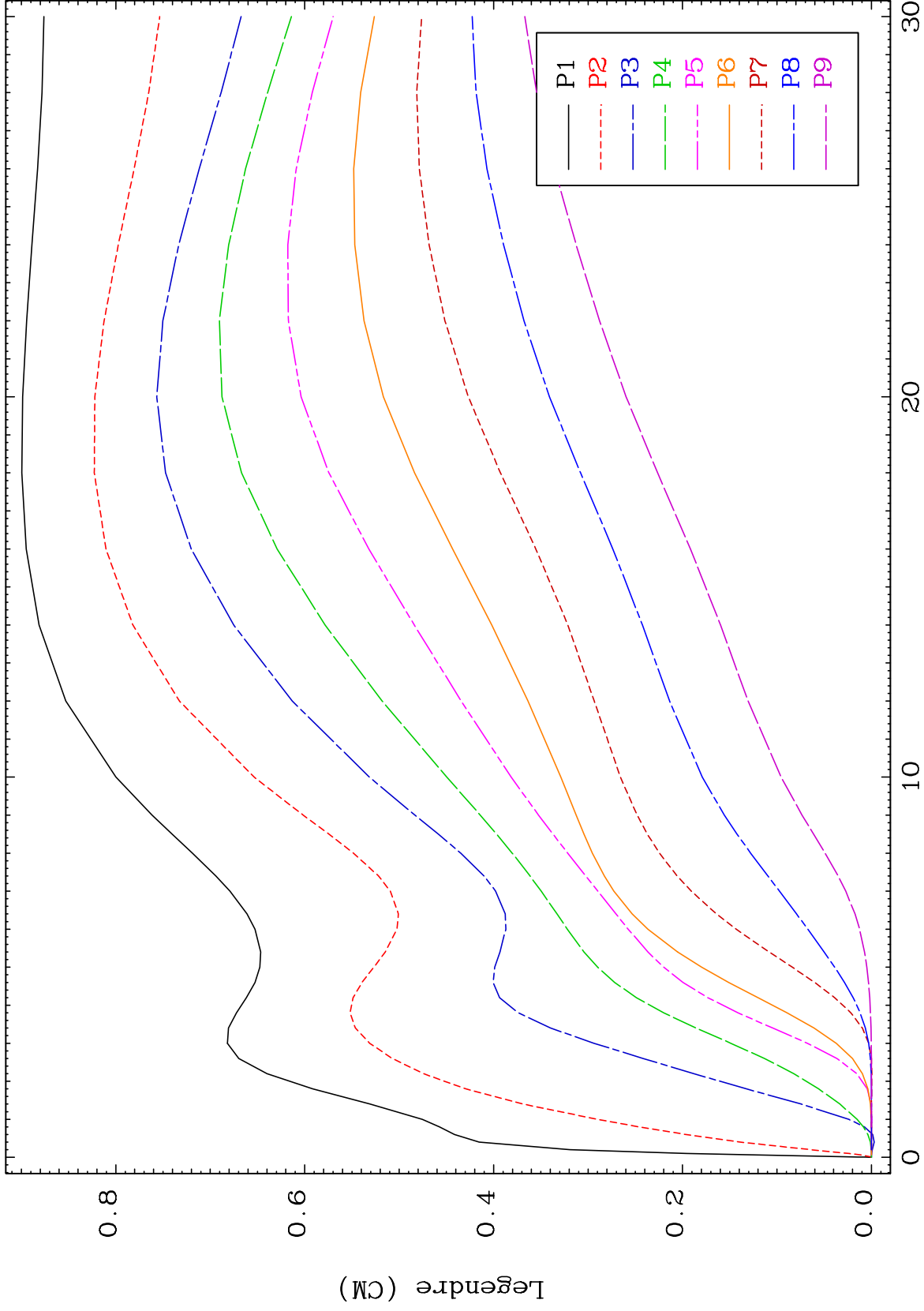
MAT 5340

(n, α) Levels
293 Kelvin Cross Sections

53-I -132



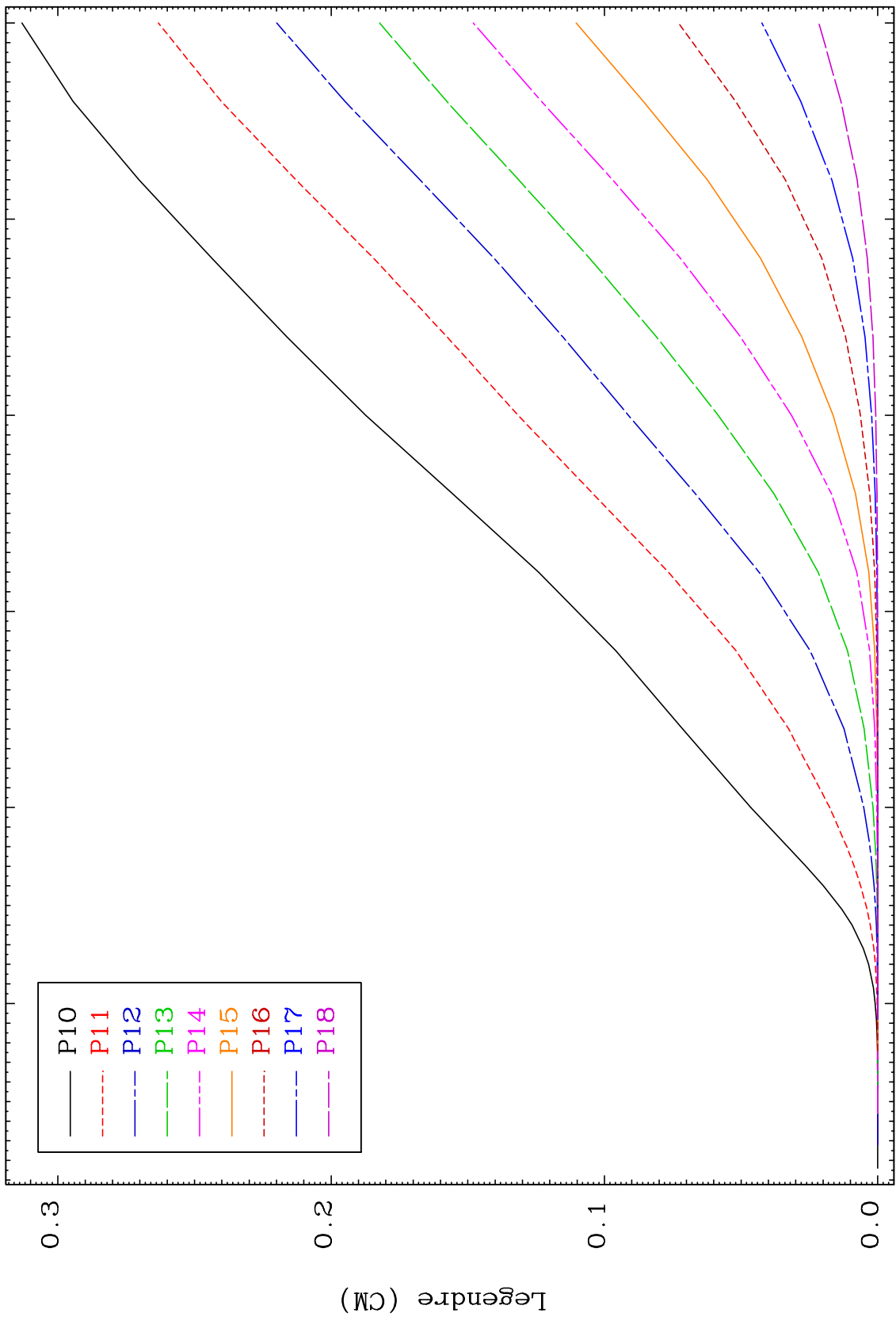




MAT 5340

Elastic Legendre Coefficients

53-I -132



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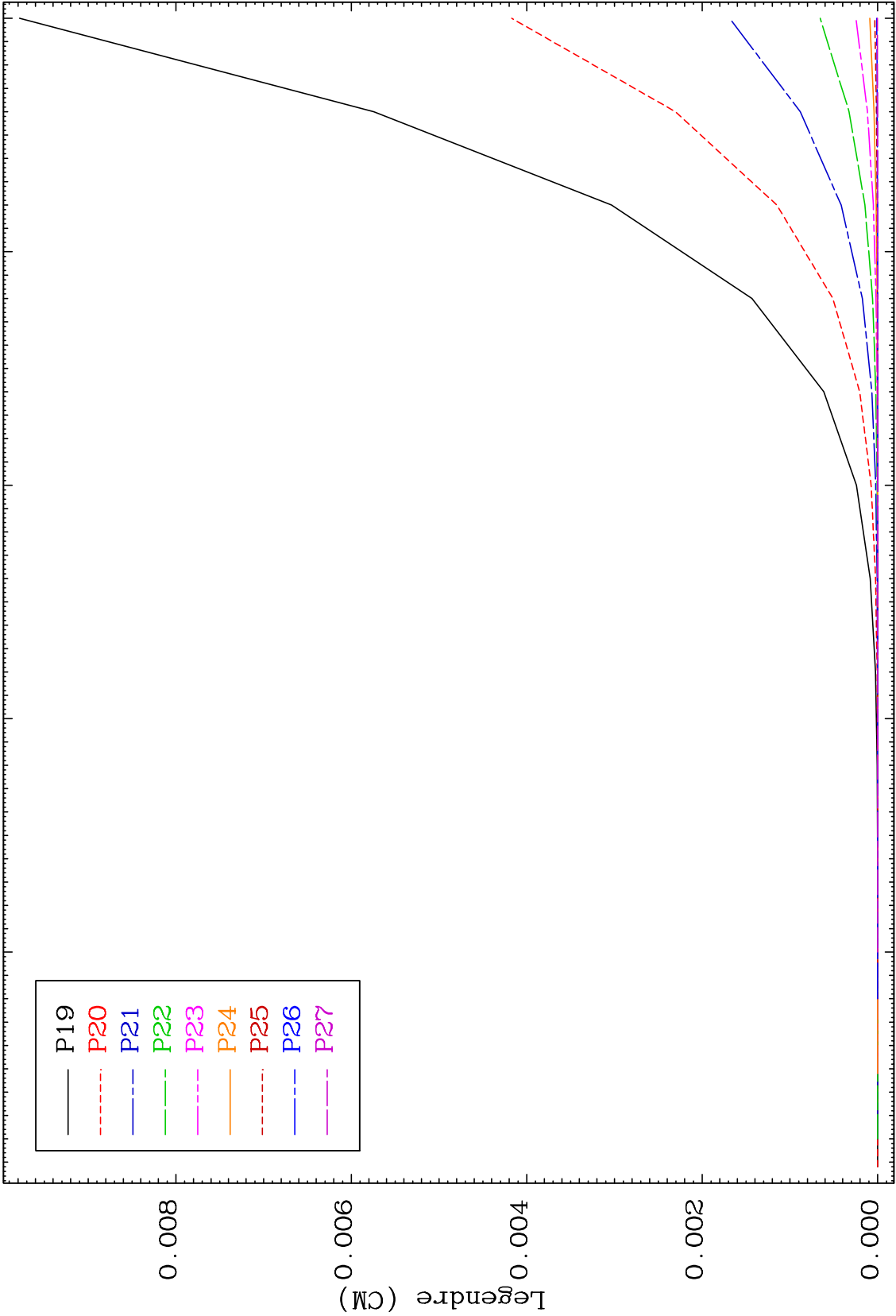
Incident Energy (MeV)

53-I -132

MAT 5340

Elastic Legendre Coefficients

53-I -132



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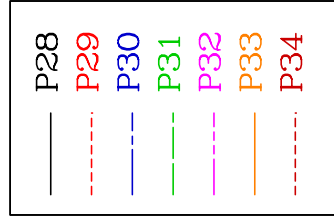
Incident Energy (MeV)

53-I -132

MAT 5340

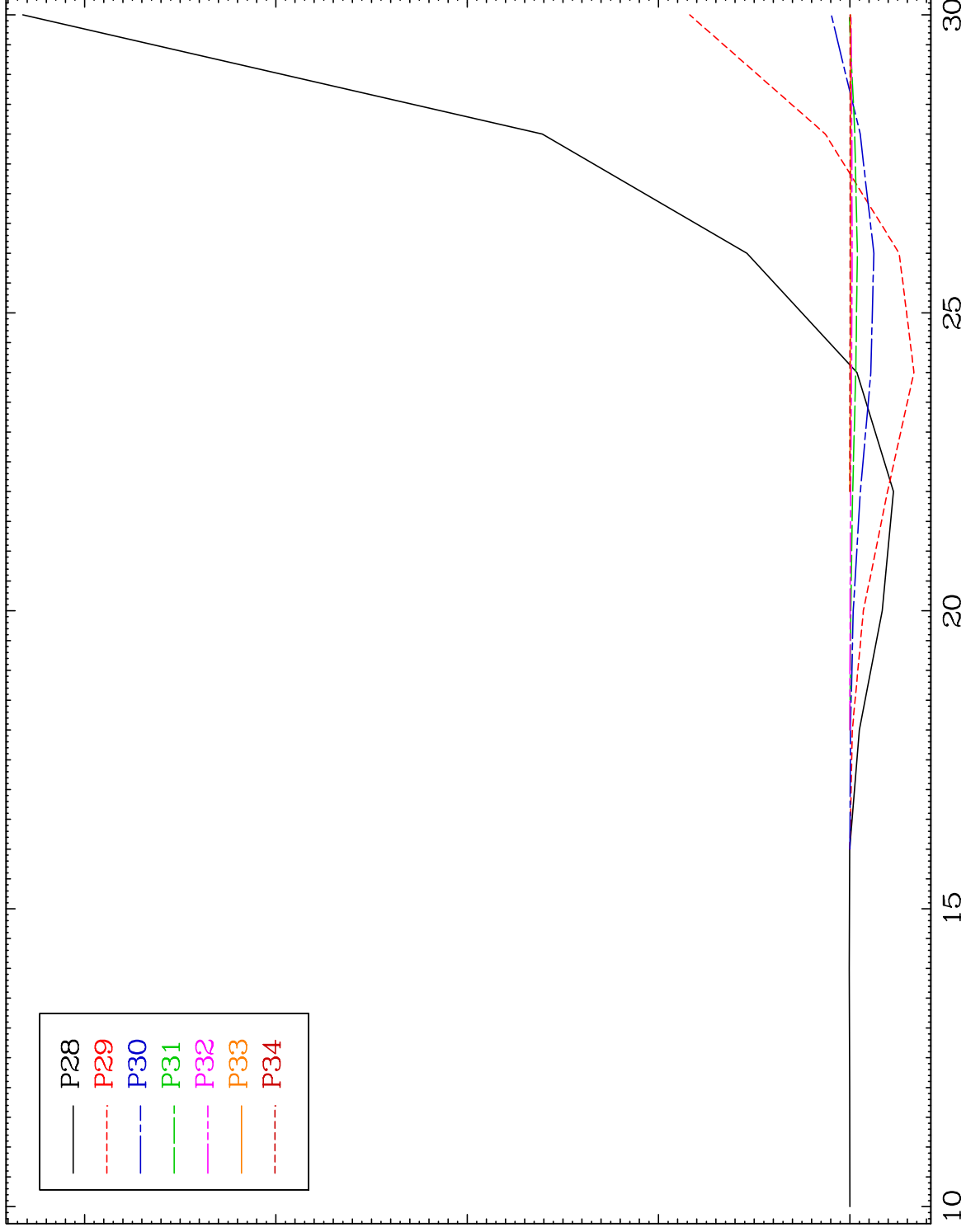
Elastic
Legendre Coefficients

53-I -132



$\times 10^{-7}$

Legendre (CM)



10

15

20

25

30

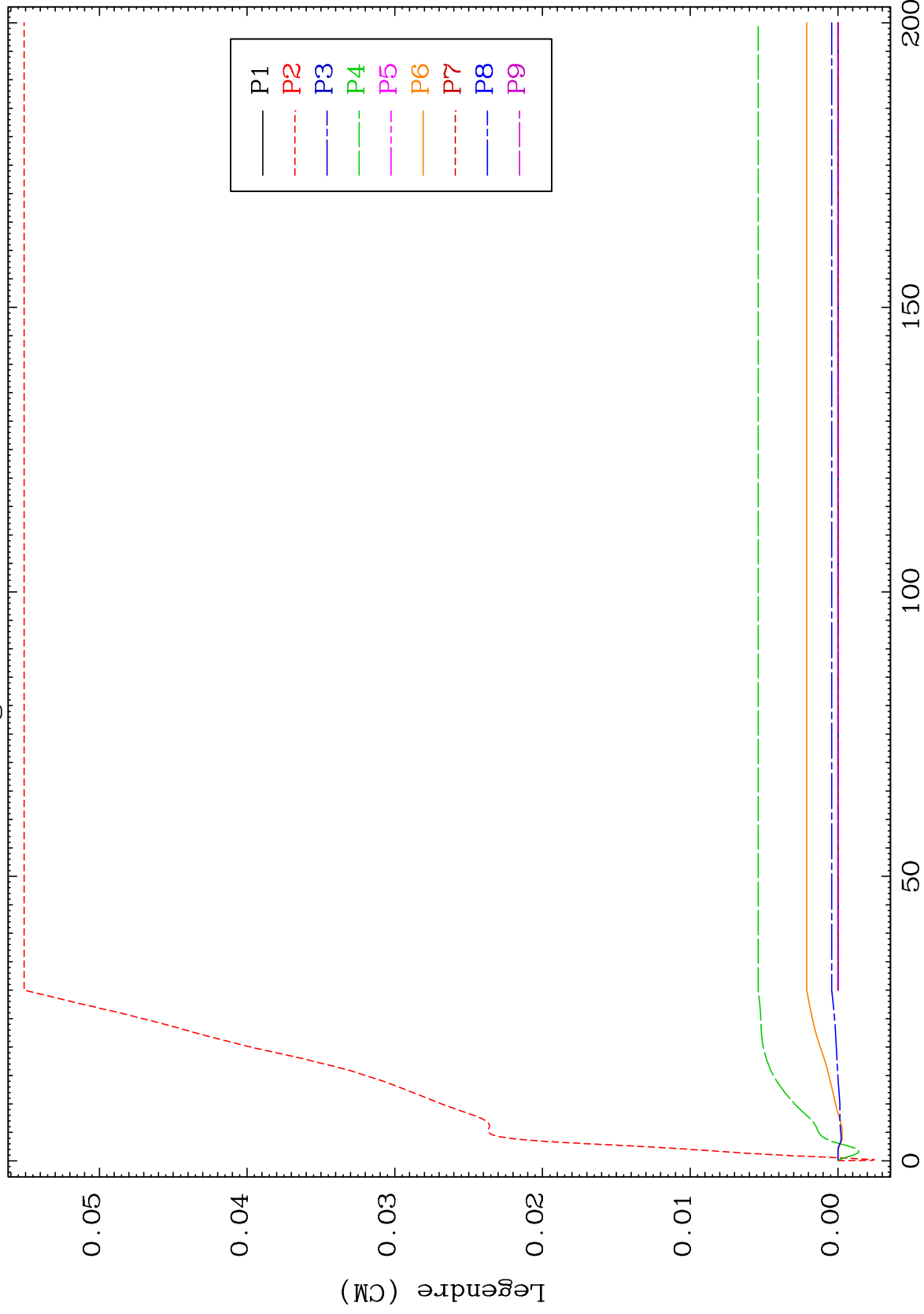
Incident Energy (MeV)

53-I -132

MAT 5340

22.00 keV (n,n') Level
Legendre Coefficients

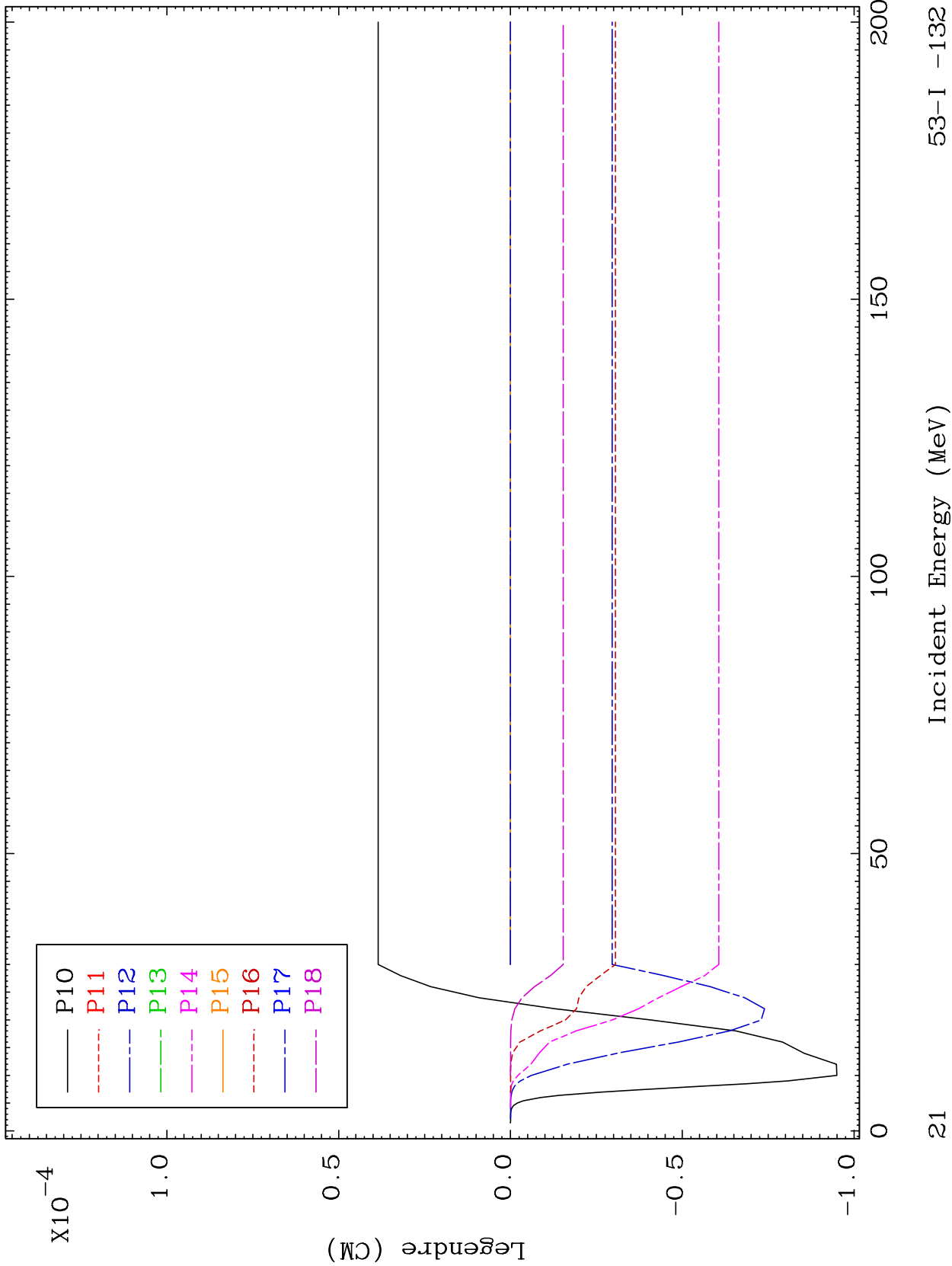
53-I -132

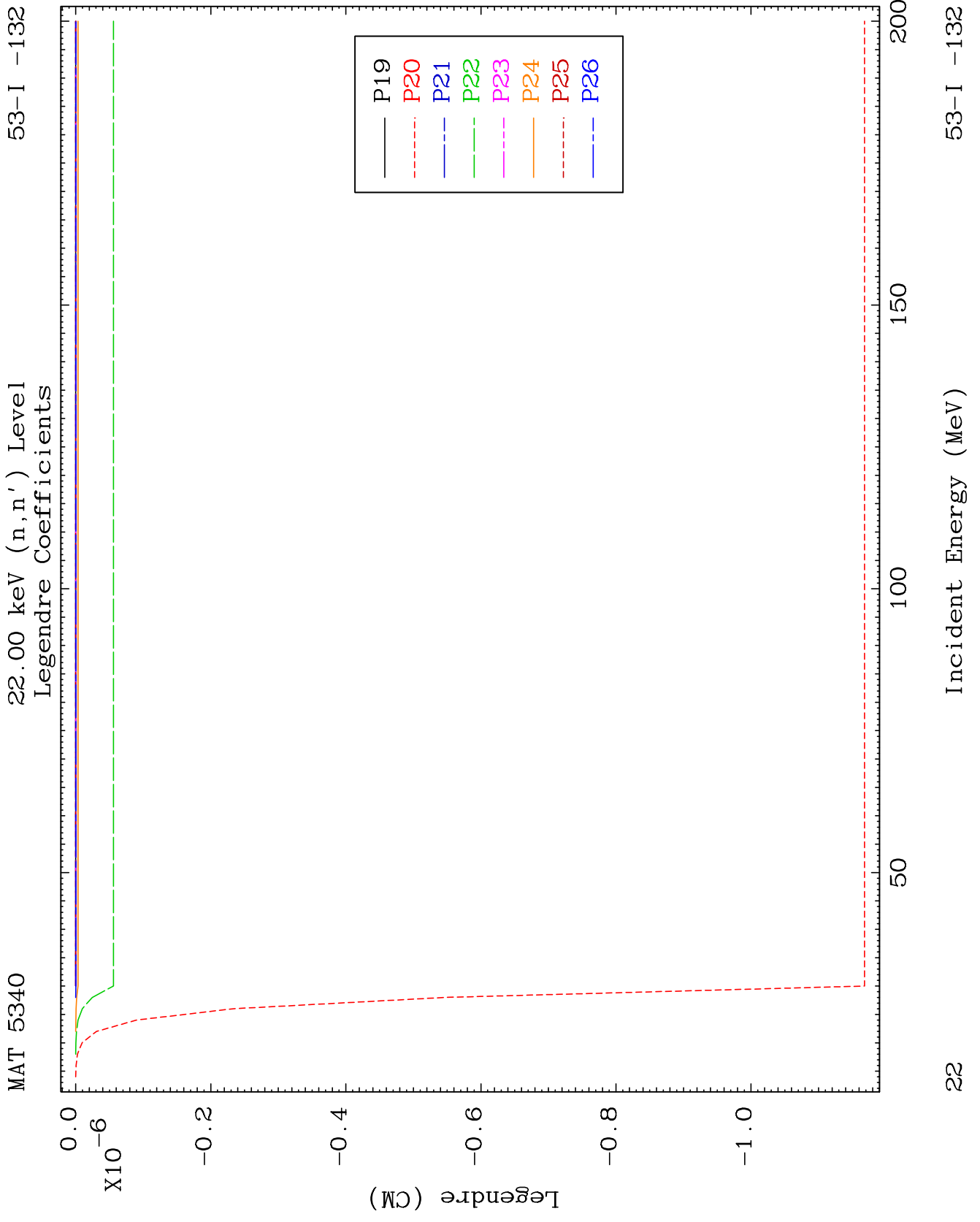


53-I -132

Incident Energy (MeV)

20

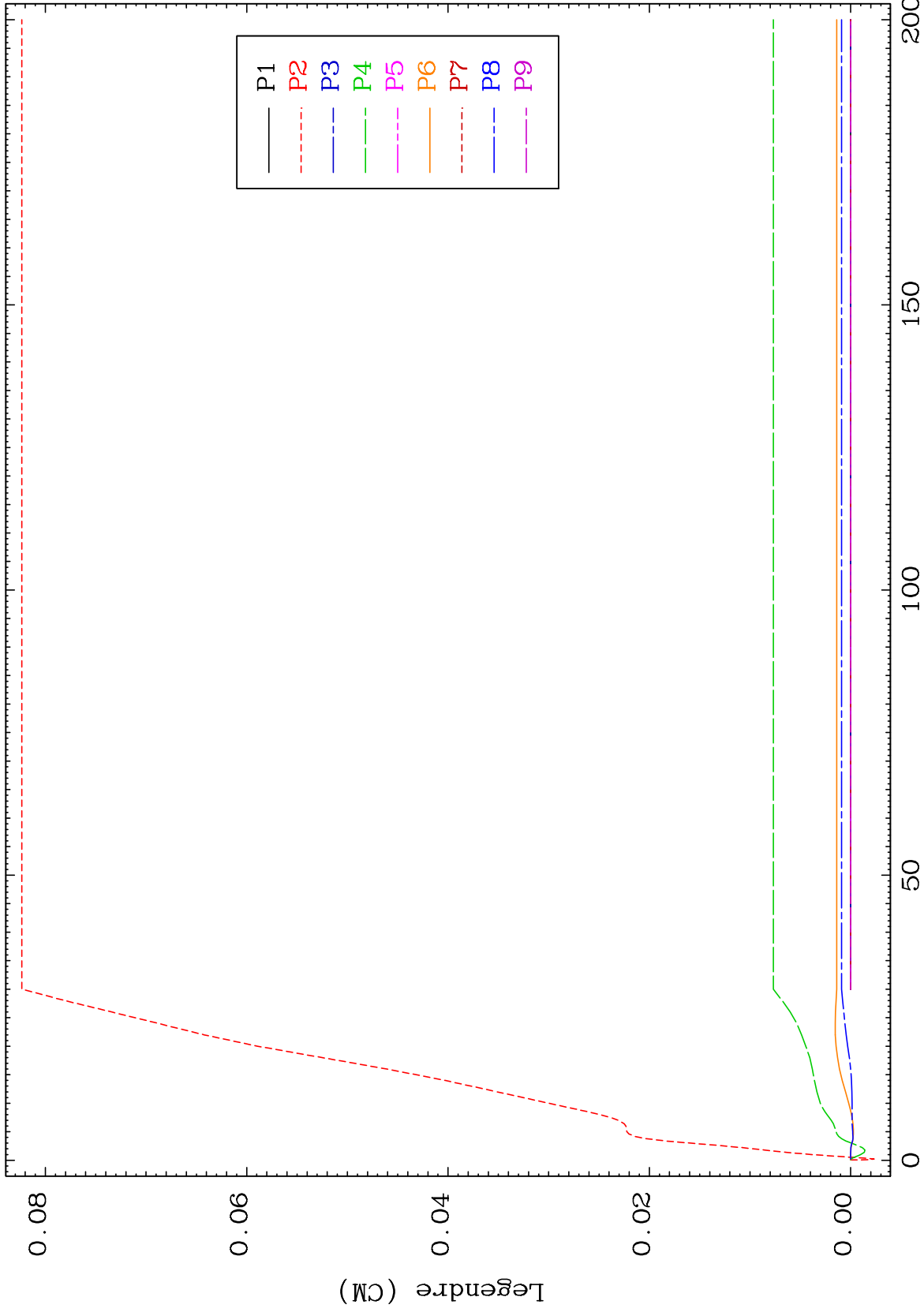




MAT 5340

49.72 keV (n,n') Level
Legendre Coefficients

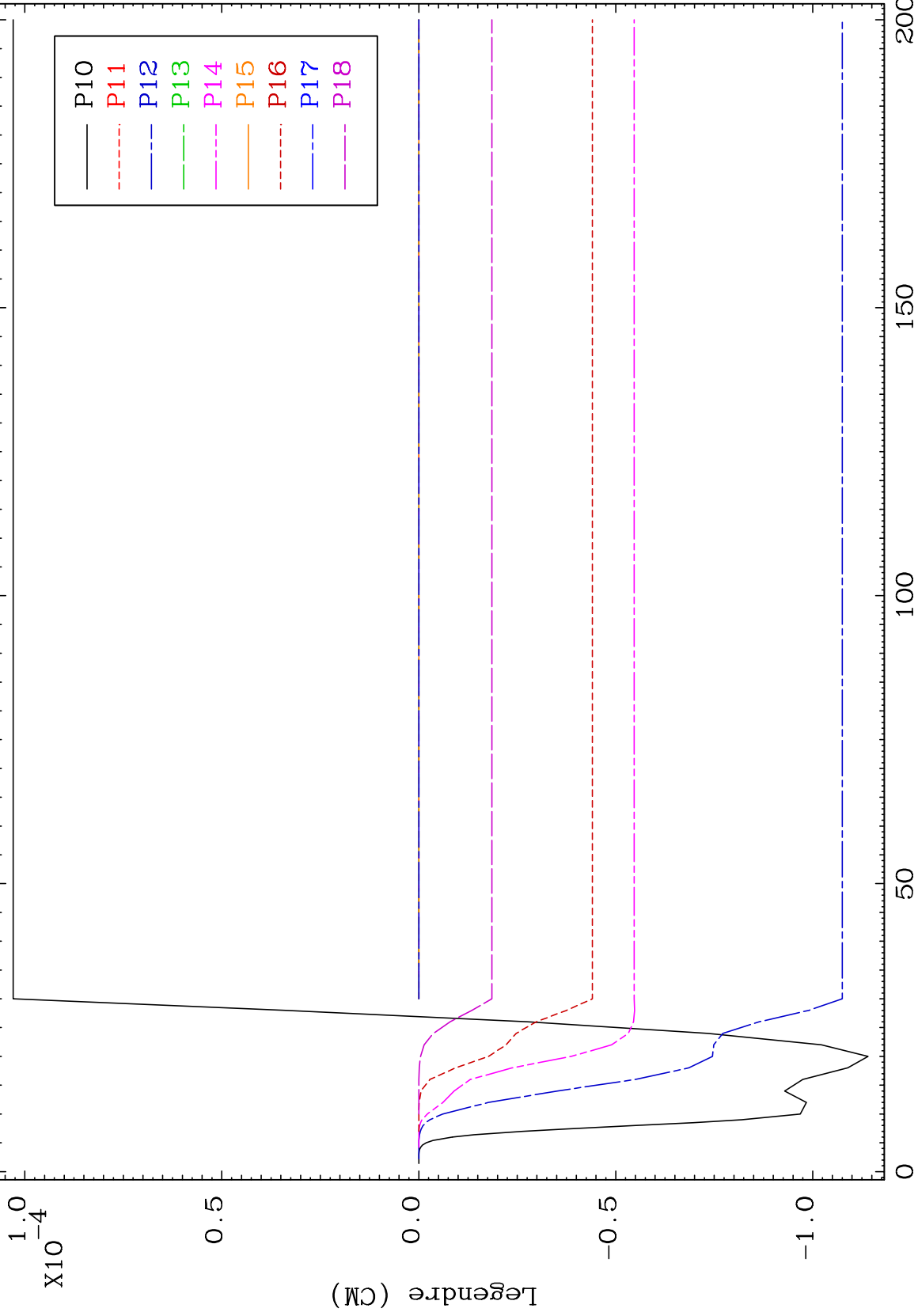
53-I -132



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Incident Energy (MeV)

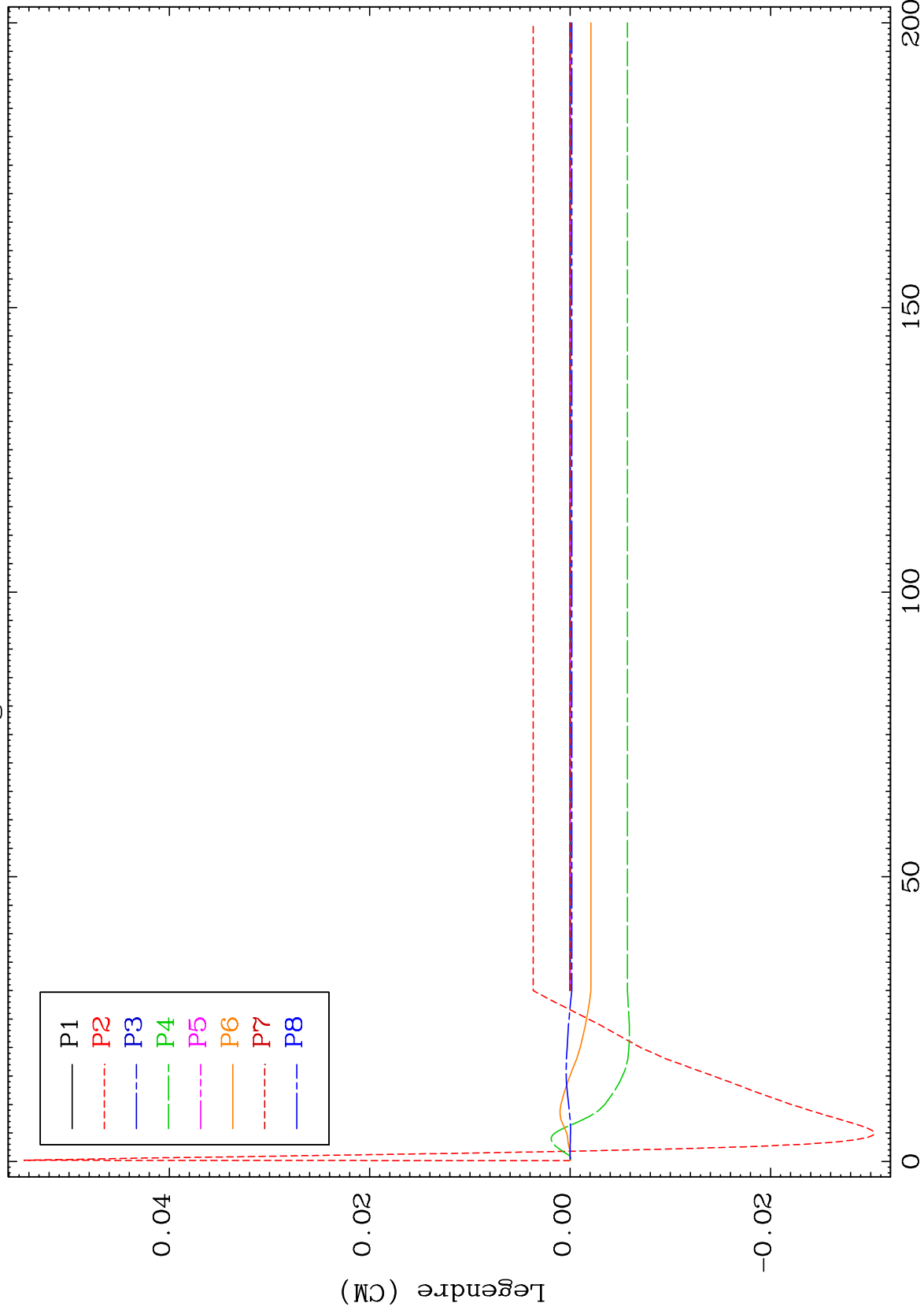
53-I -132



MAT 5340

120.0 keV (n,n') Level
Legendre Coefficients

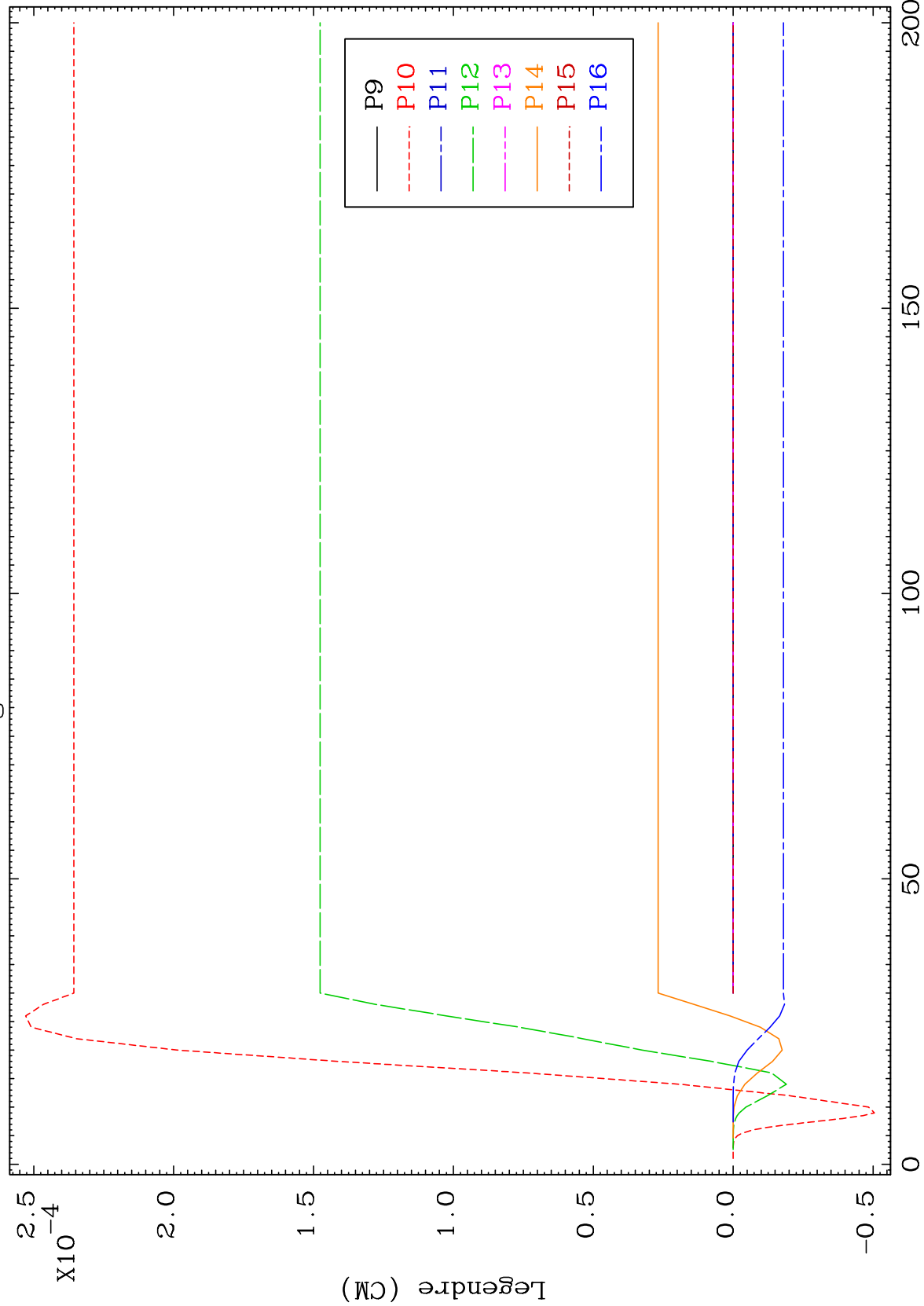
53-I -132

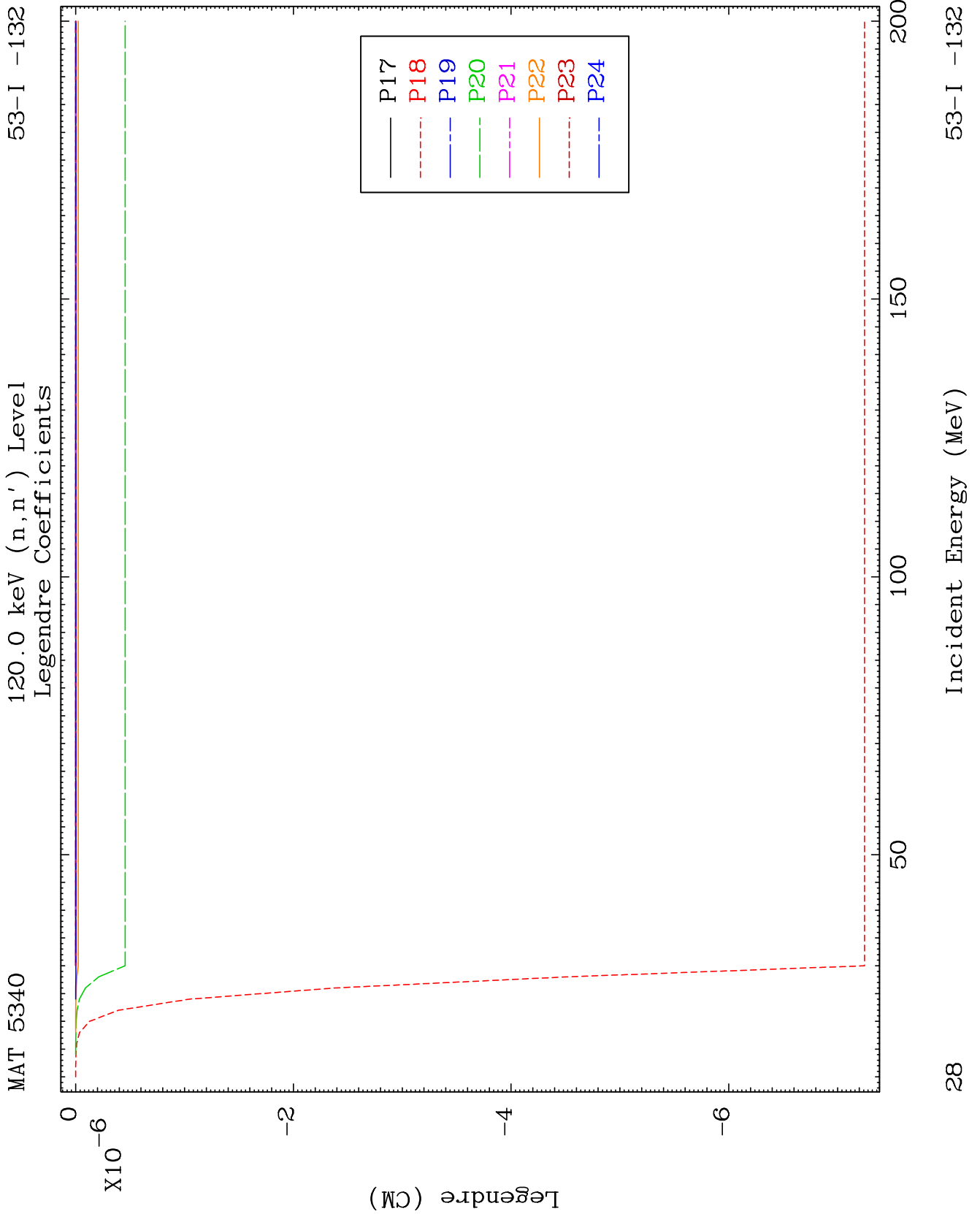


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Incident Energy (MeV)

53-I -132

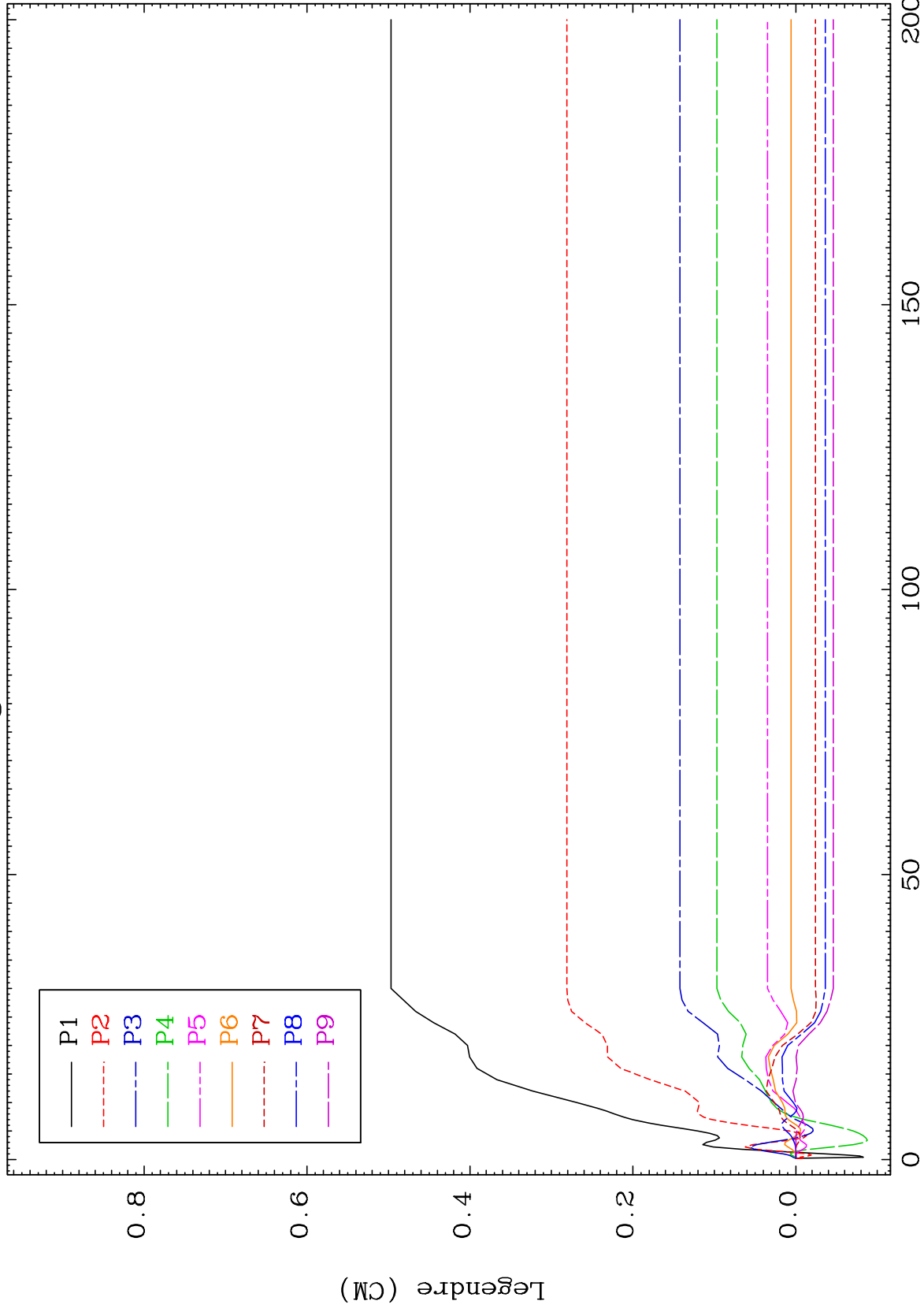




MAT 5340

161.5 keV (n,n') Level
Legendre Coefficients

53-I -132



29

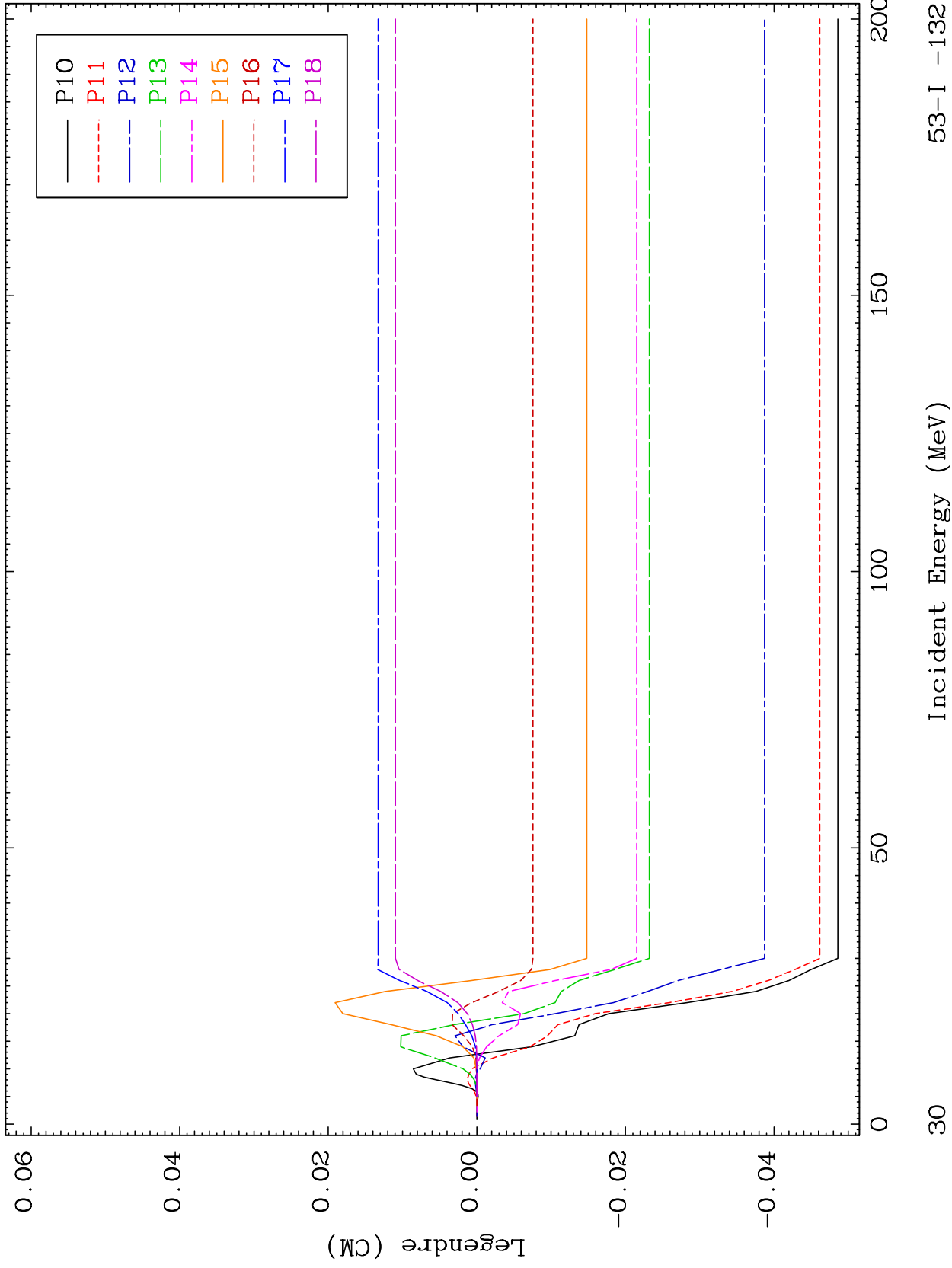
Incident Energy (MeV)

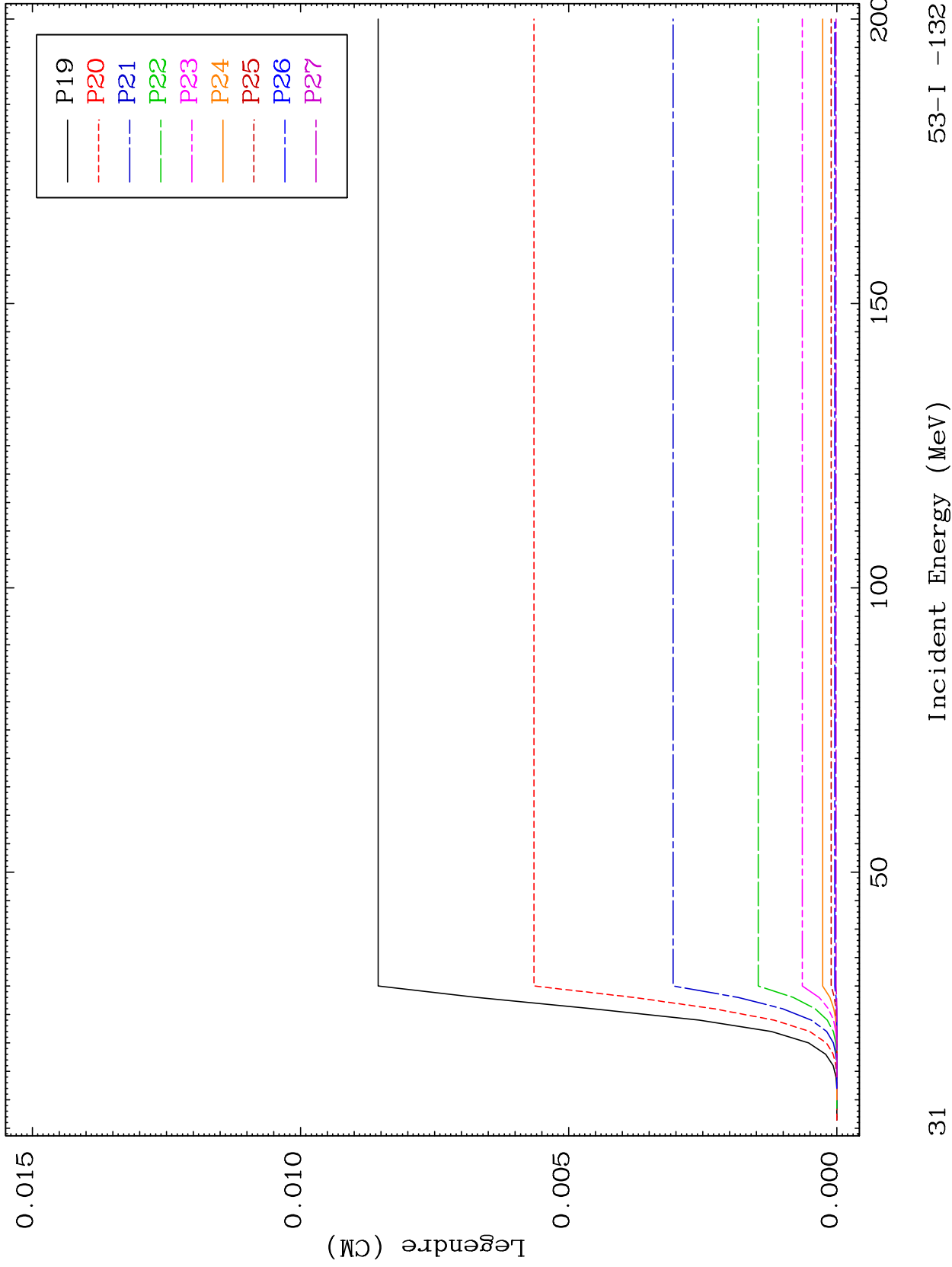
53-I -132

MAT 5340

161.5 keV (n,n') Level
Legendre Coefficients

53-I -132

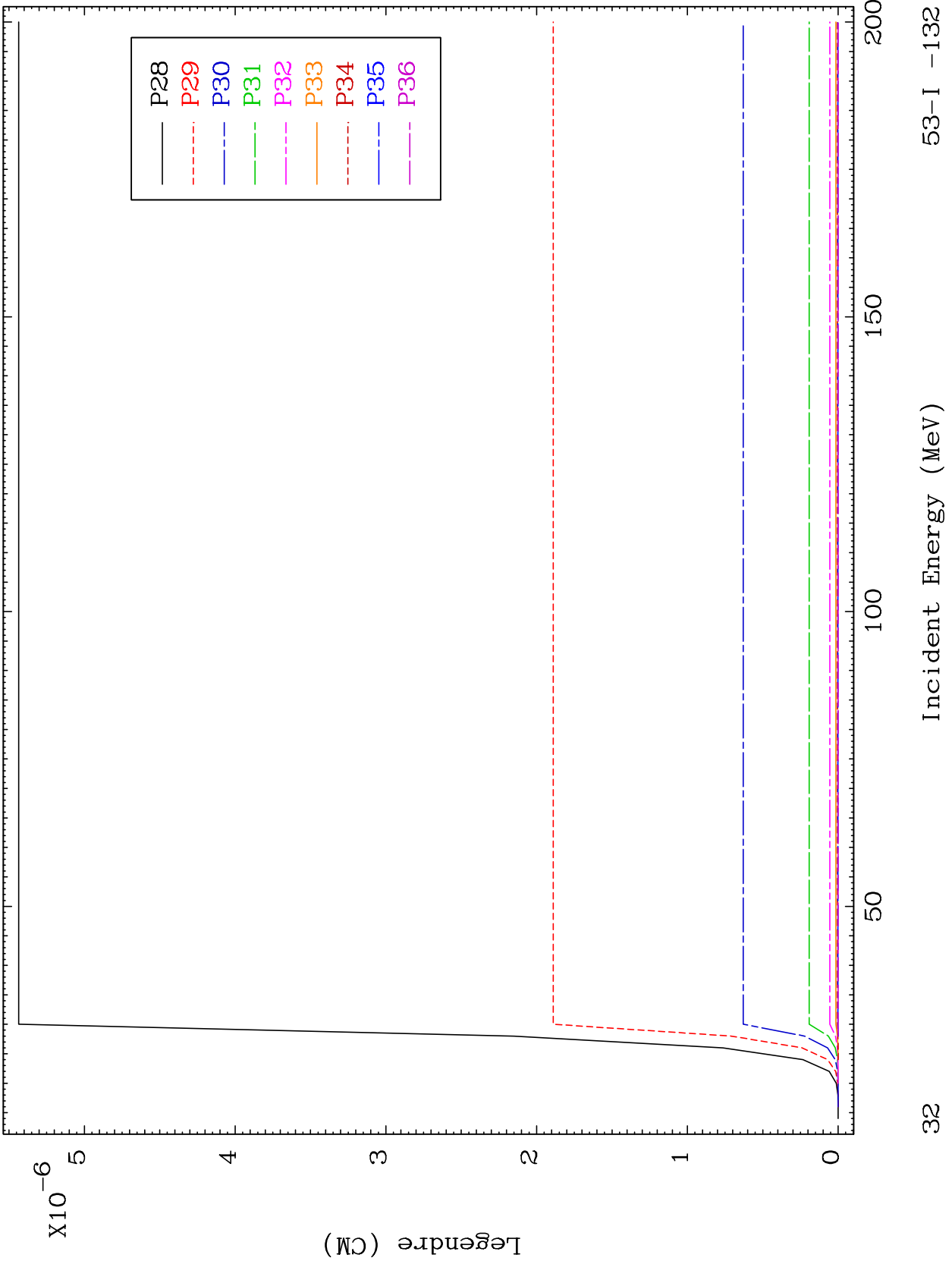




MAT 5340

161.5 keV (n,n') Level
Legendre Coefficients

53-I -132



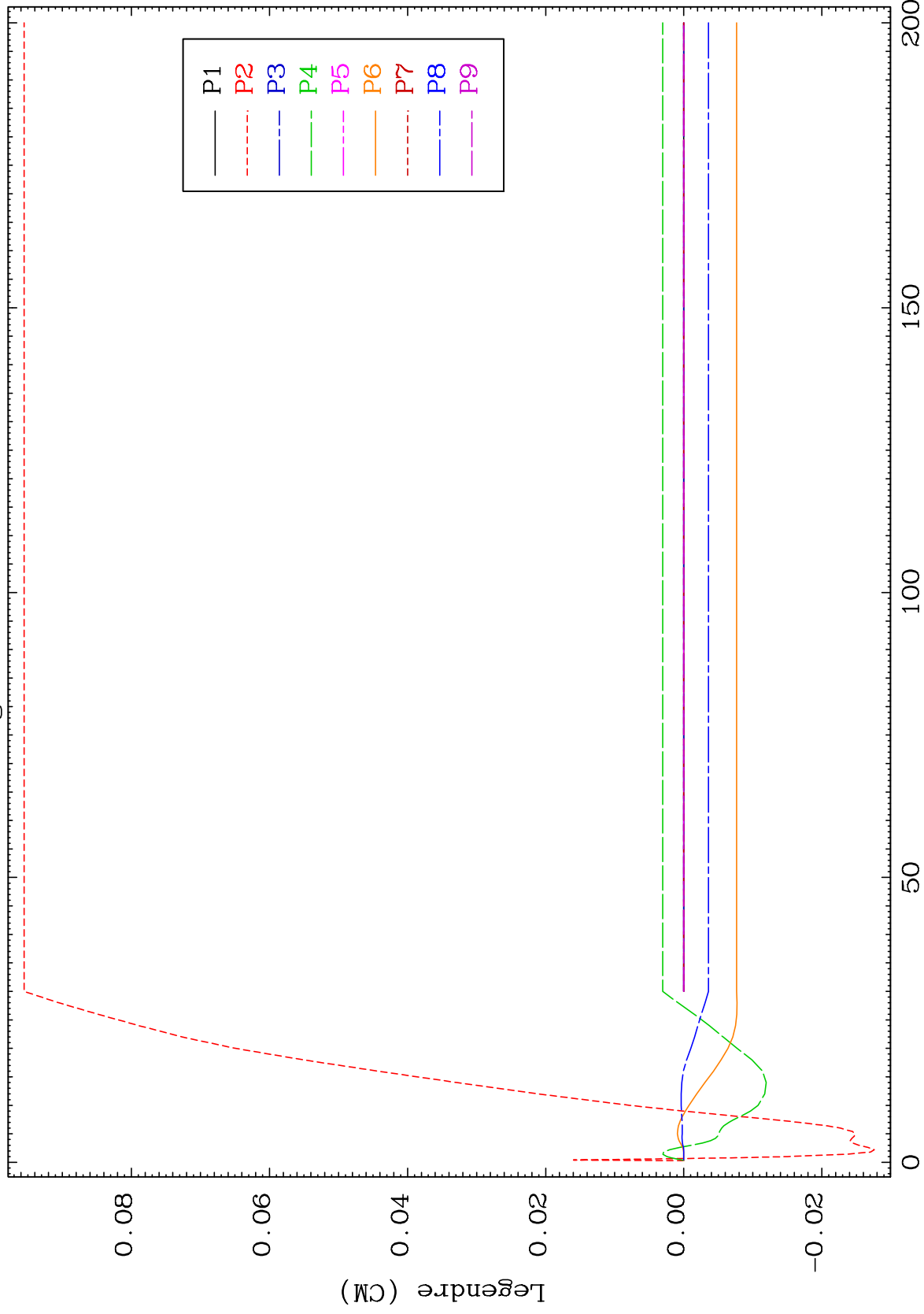
32

53-I -132

MAT 5340

277.9 keV (n,n') Level
Legendre Coefficients

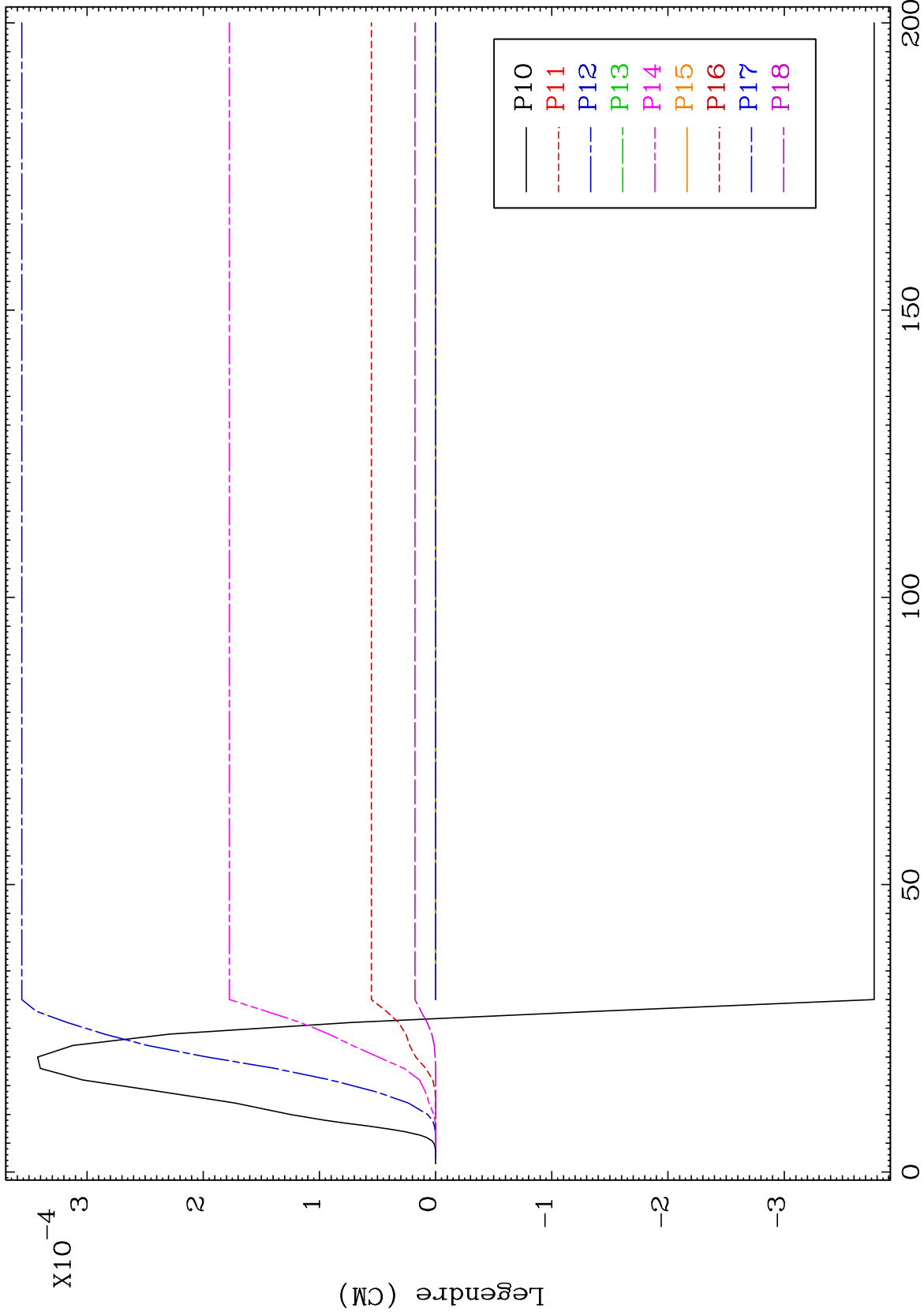
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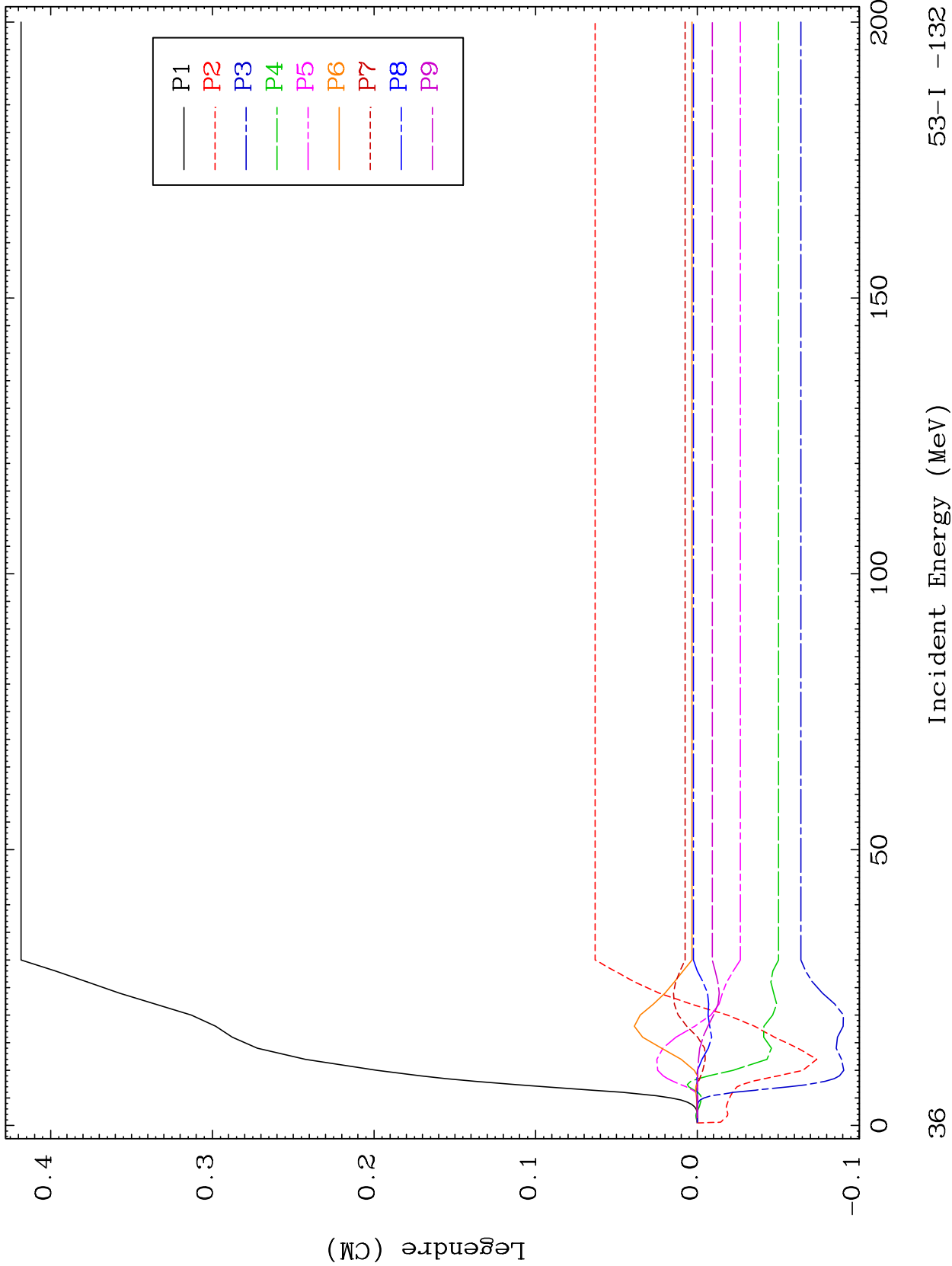


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Incident Energy (MeV)

53-I -132

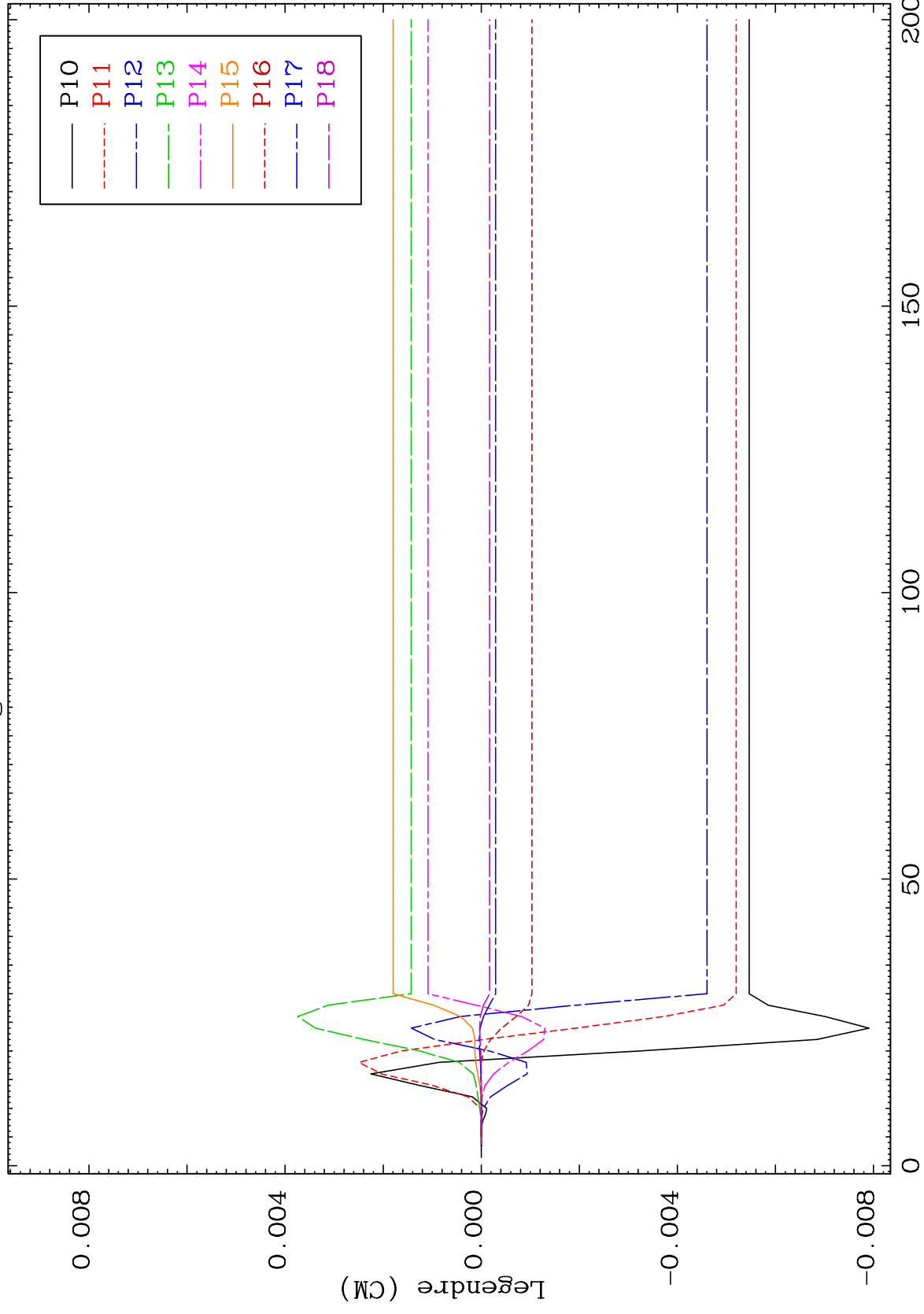




MAT 5340

439.7 keV (n,n') Level
Legendre Coefficients

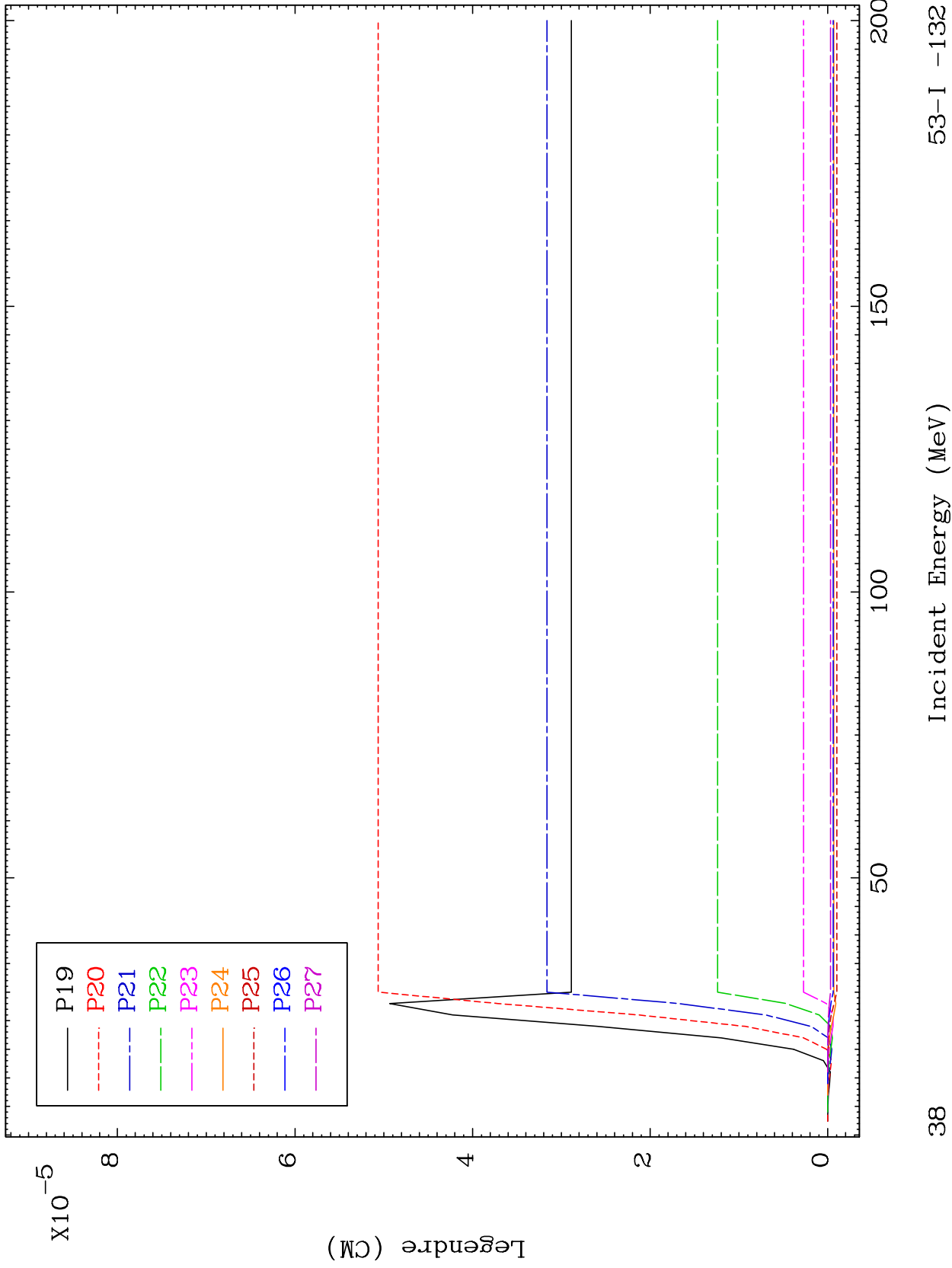
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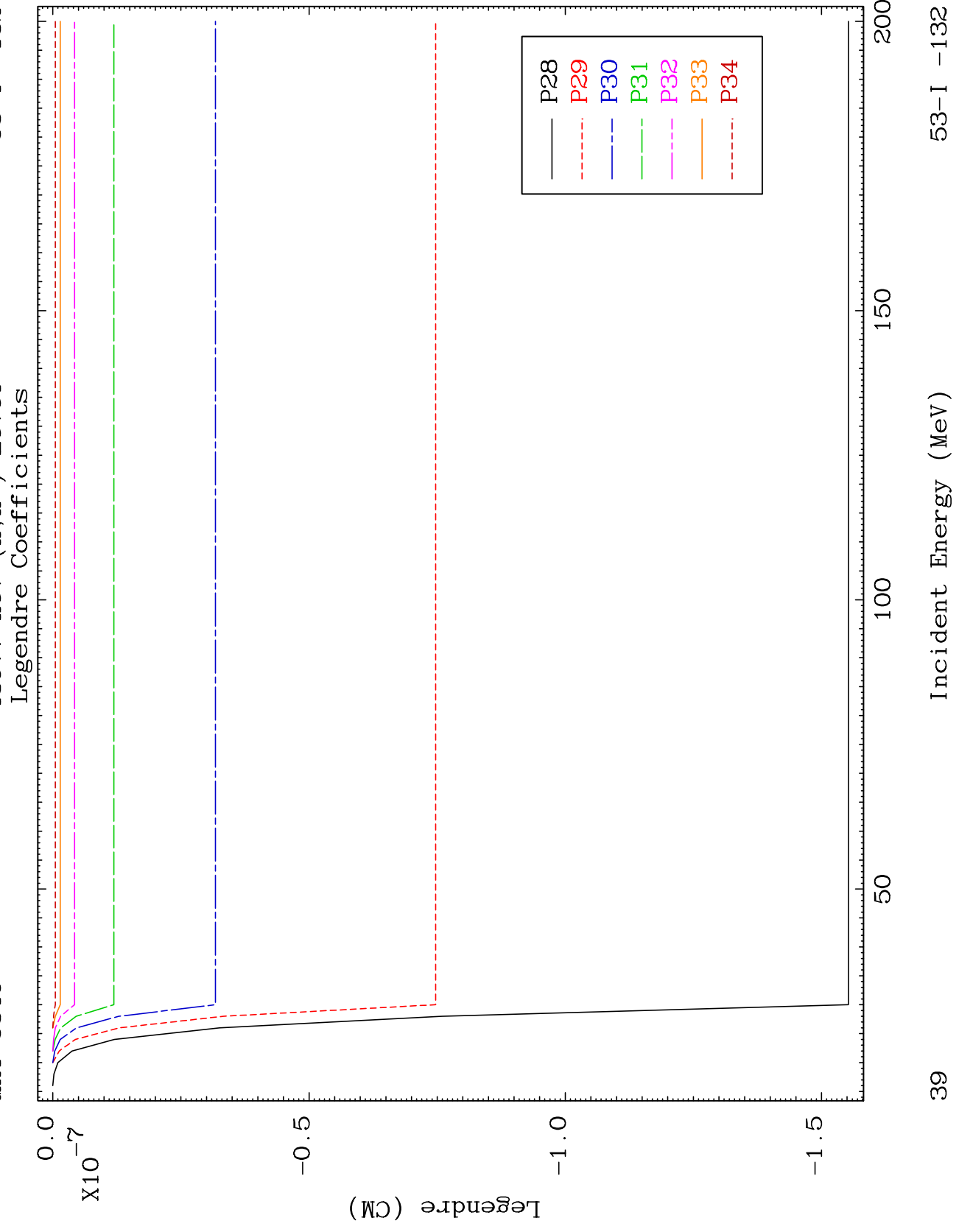


37

Incident Energy (MeV)

53-I -132

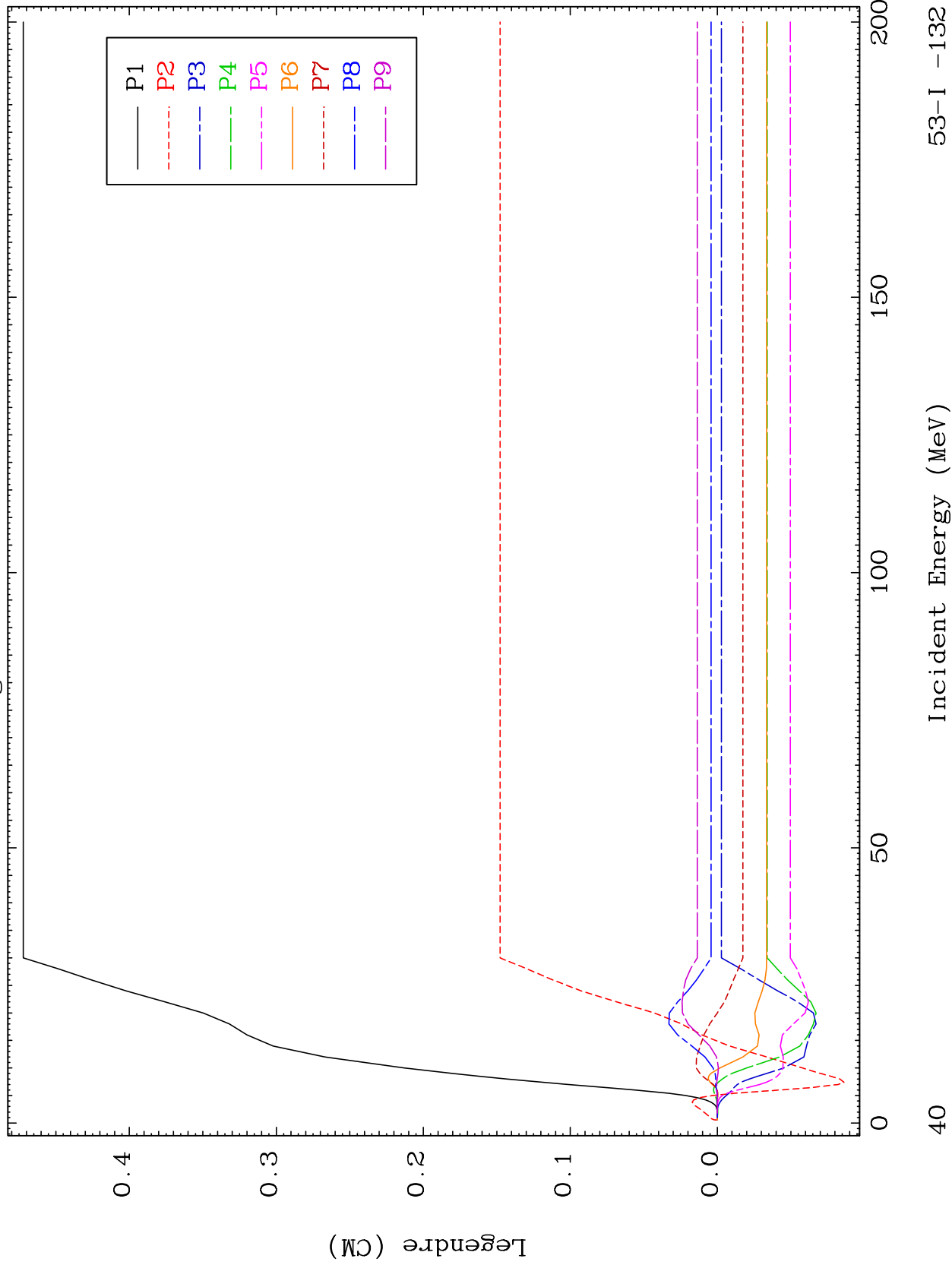




MAT 5340

532.2 keV (n,n') Level
Legendre Coefficients

53-I -132

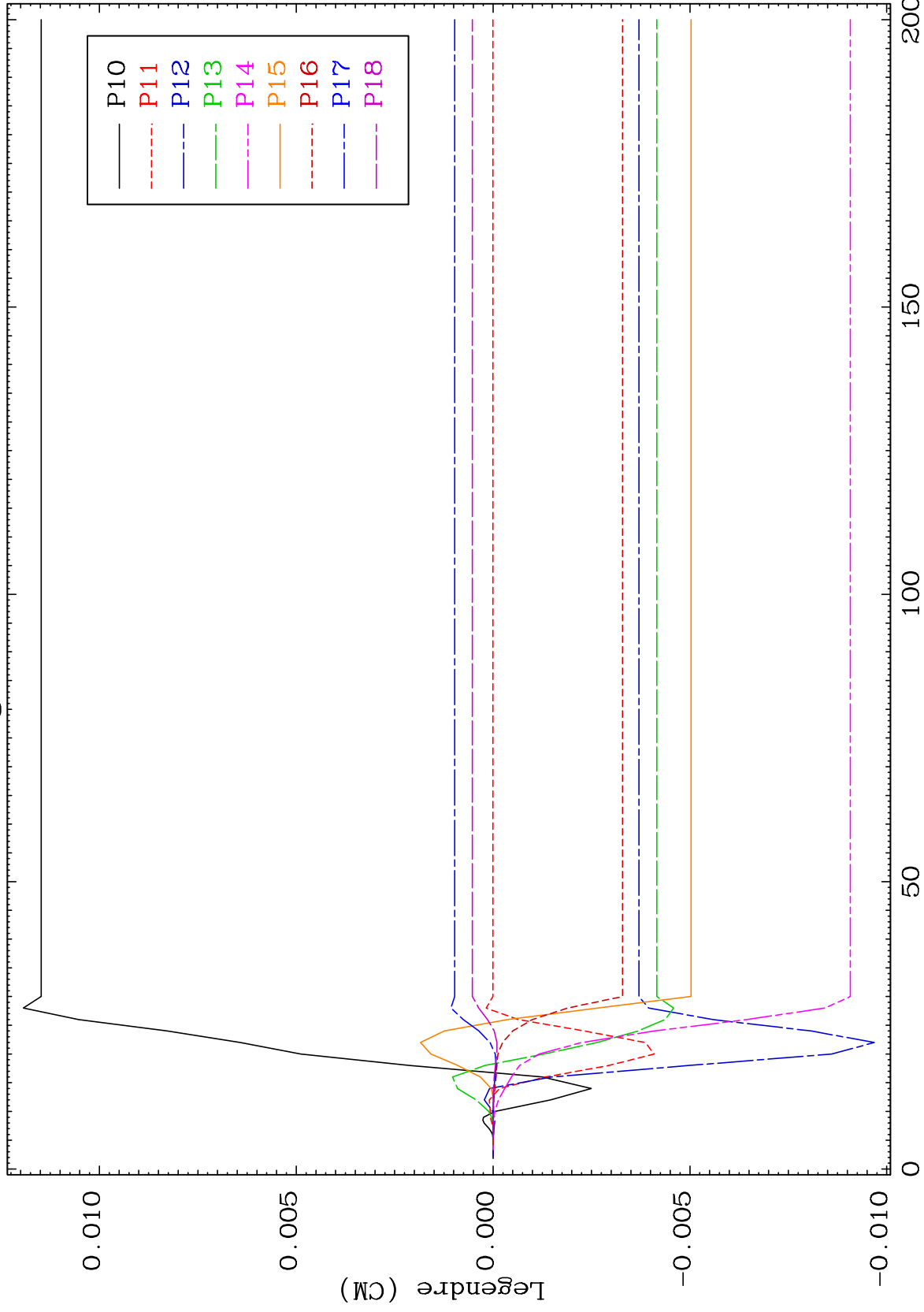


53-I -132

MAT 5340

532.2 keV (n,n') Level
Legendre Coefficients

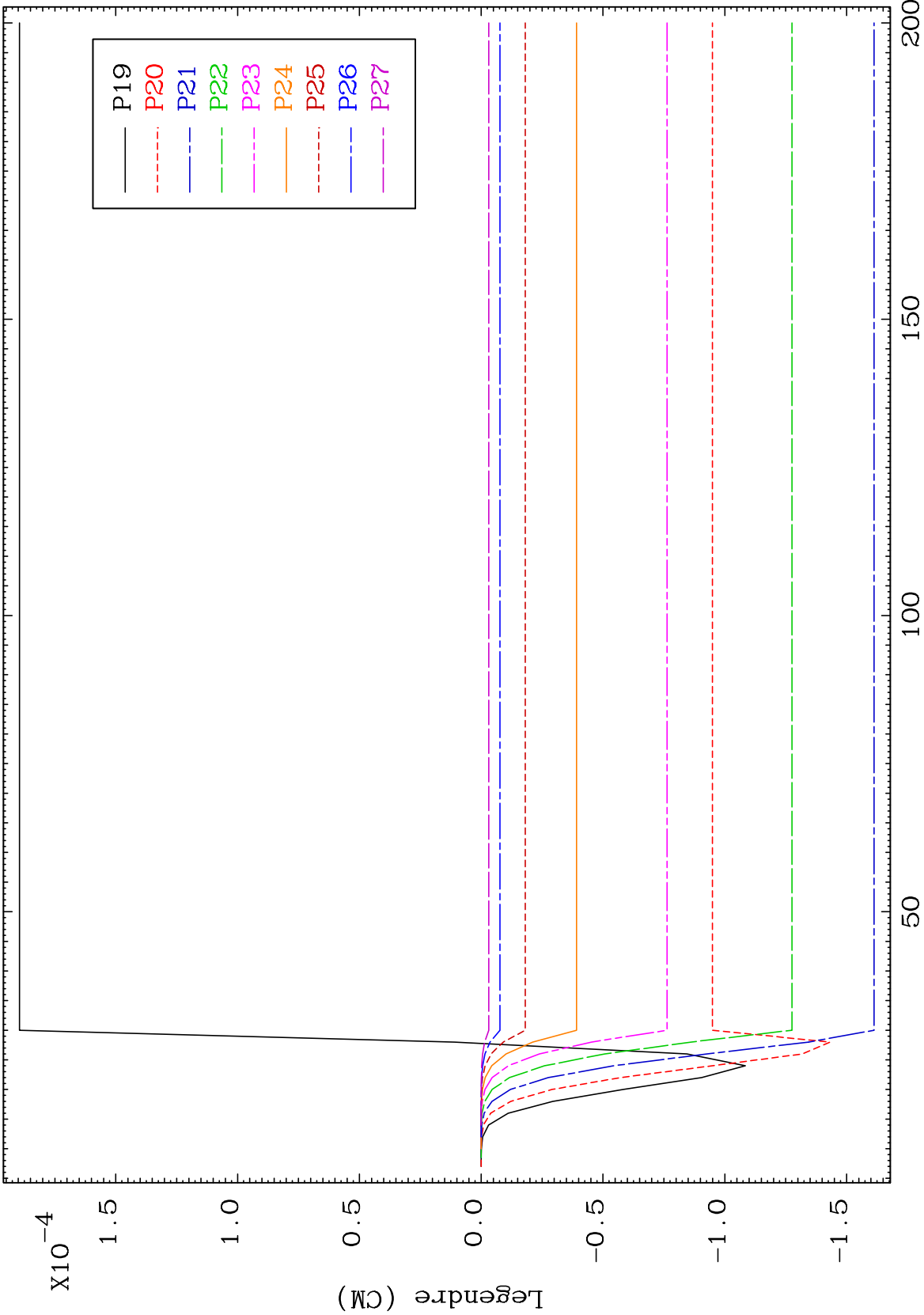
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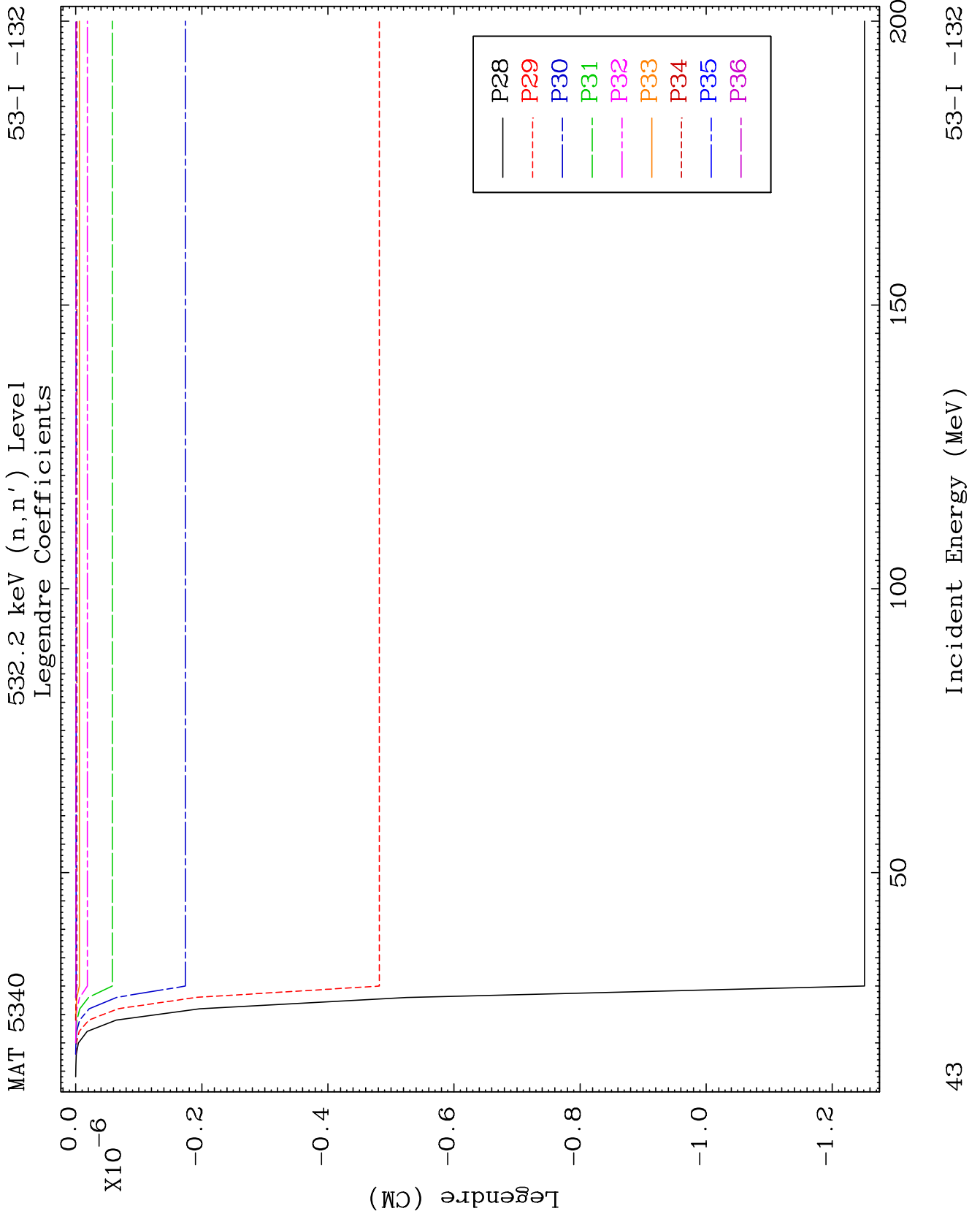


41

Incident Energy (MeV)

53-I -132

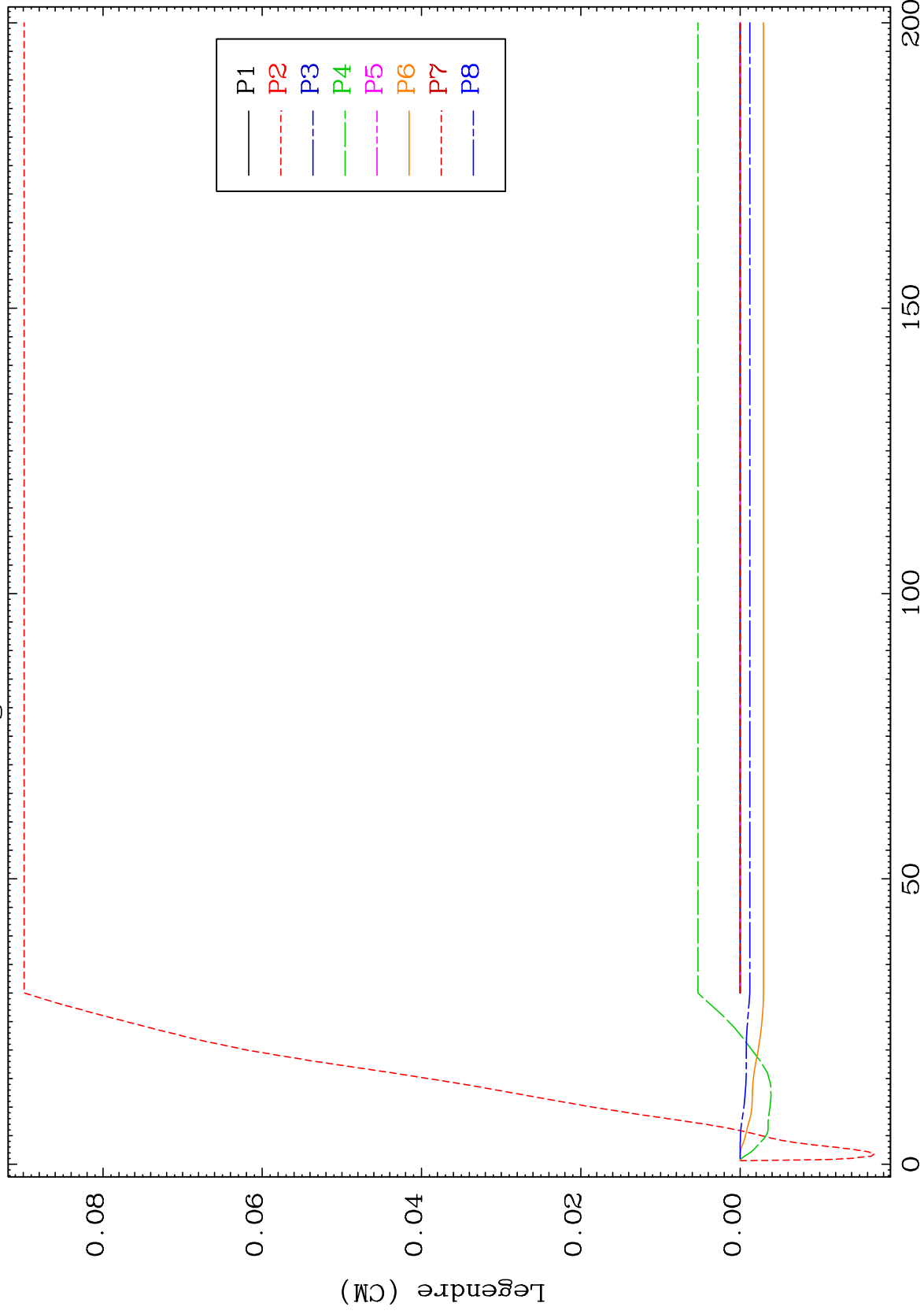




MAT 5340

607.6 keV (n,n') Level
Legendre Coefficients

53-I -132

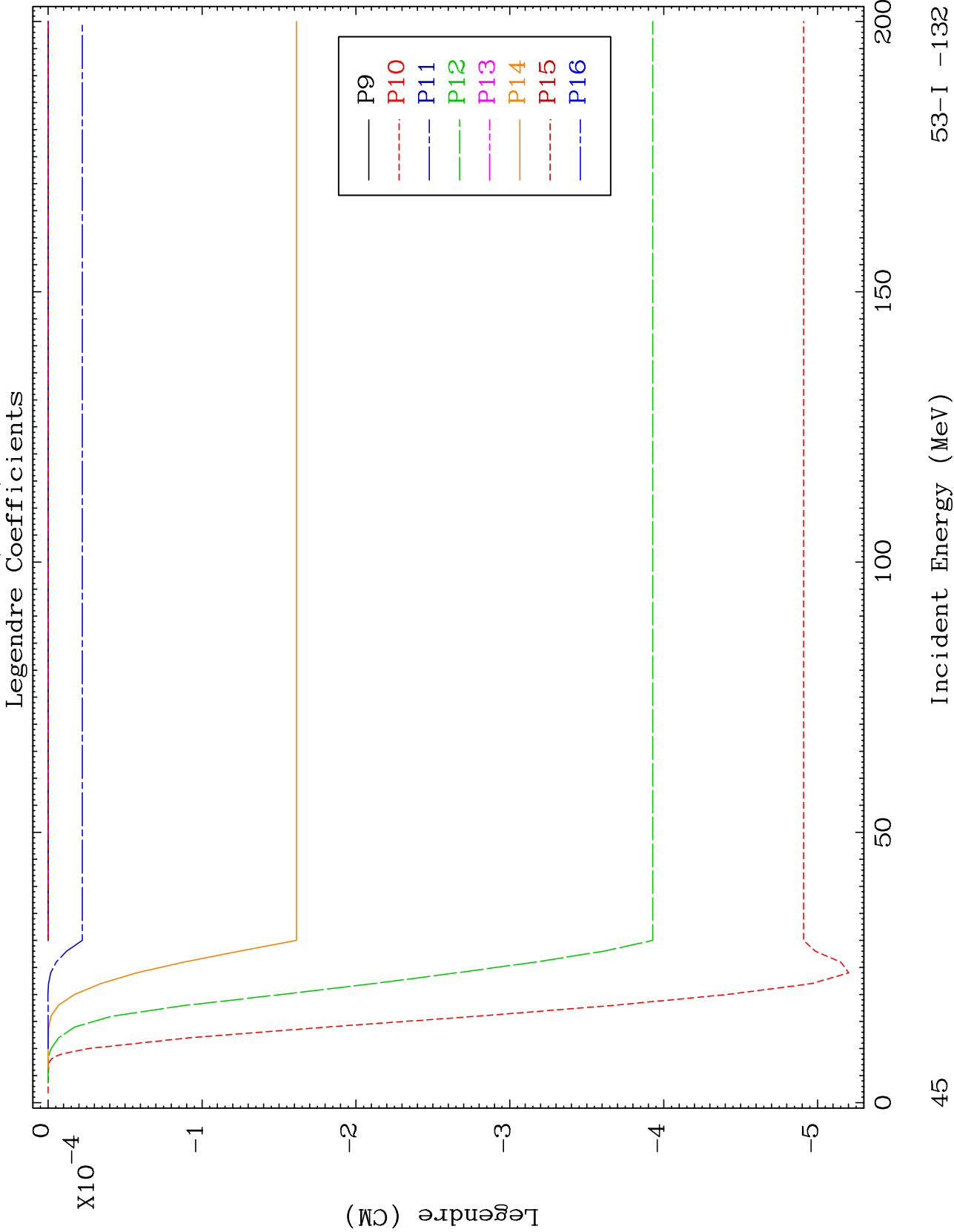


53-I -132

Incident Energy (MeV)

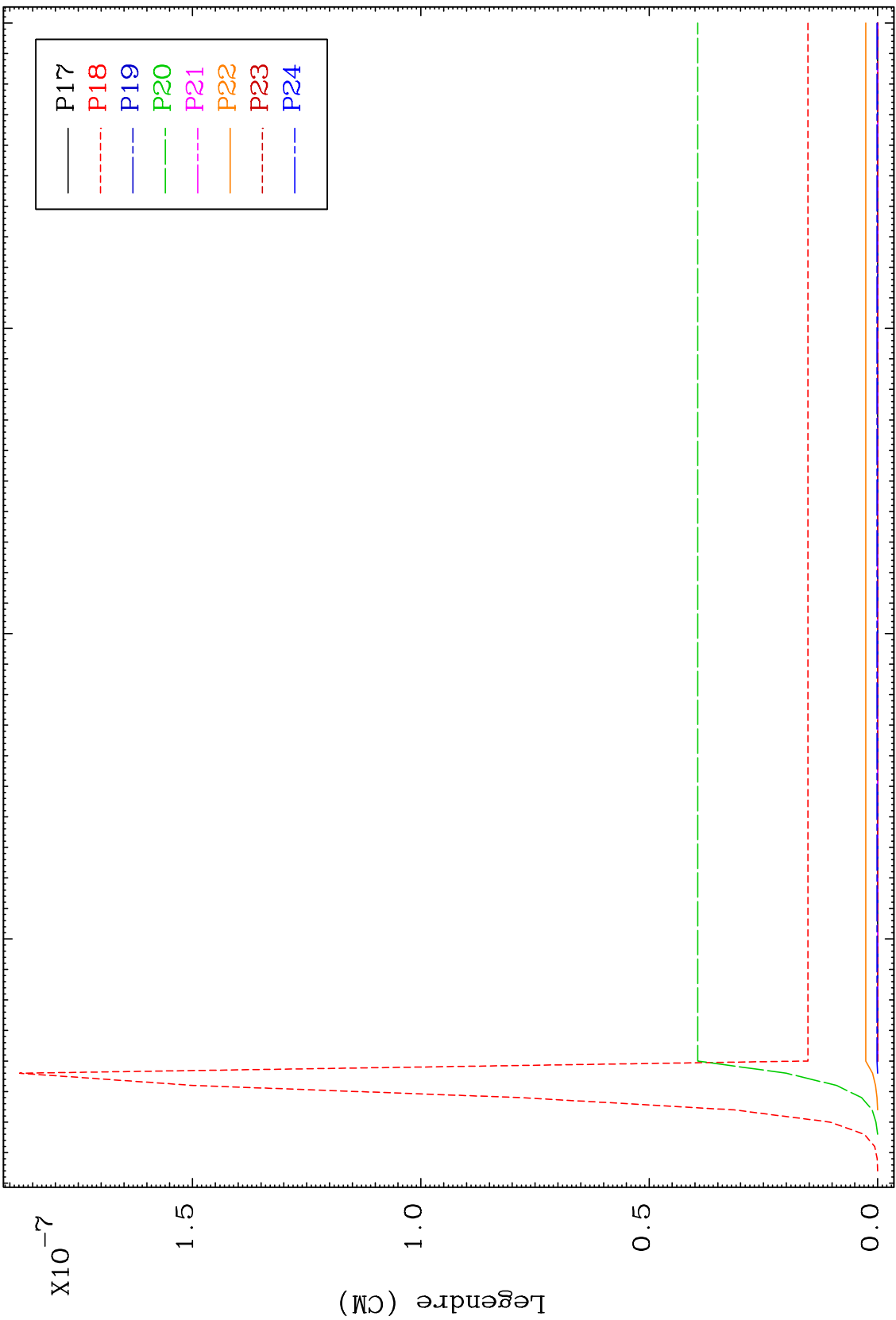
44

MAT 5340 607.6 keV (n,n') Level 53-I -132



53-I -132

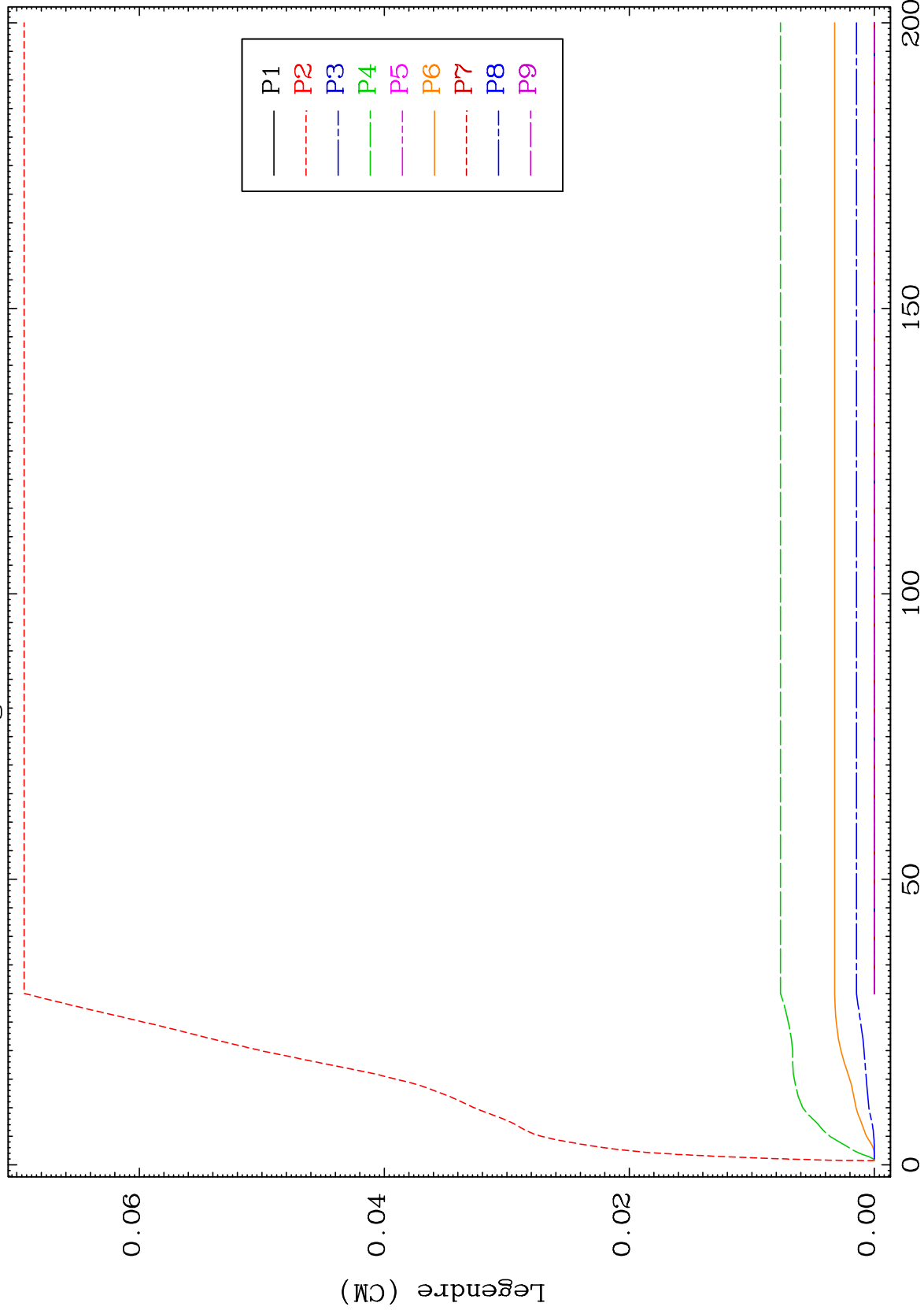
Legendre Coefficients



MAT 5340

701.1 keV (n,n') Level
Legendre Coefficients

53-I -132



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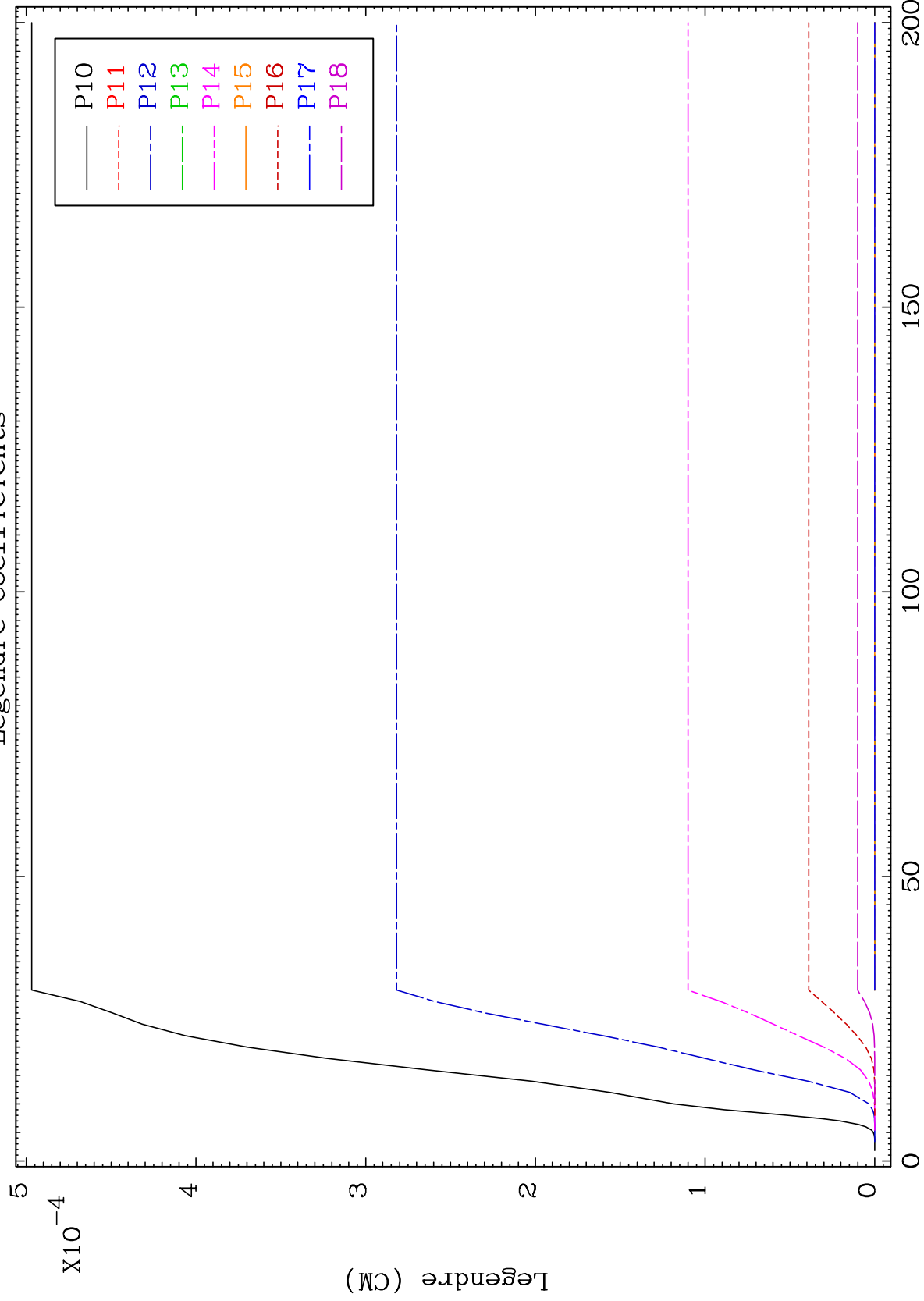
Incident Energy (MeV)

53-I -132

MAT 5340

701.1 keV (n,n') Level
Legendre Coefficients

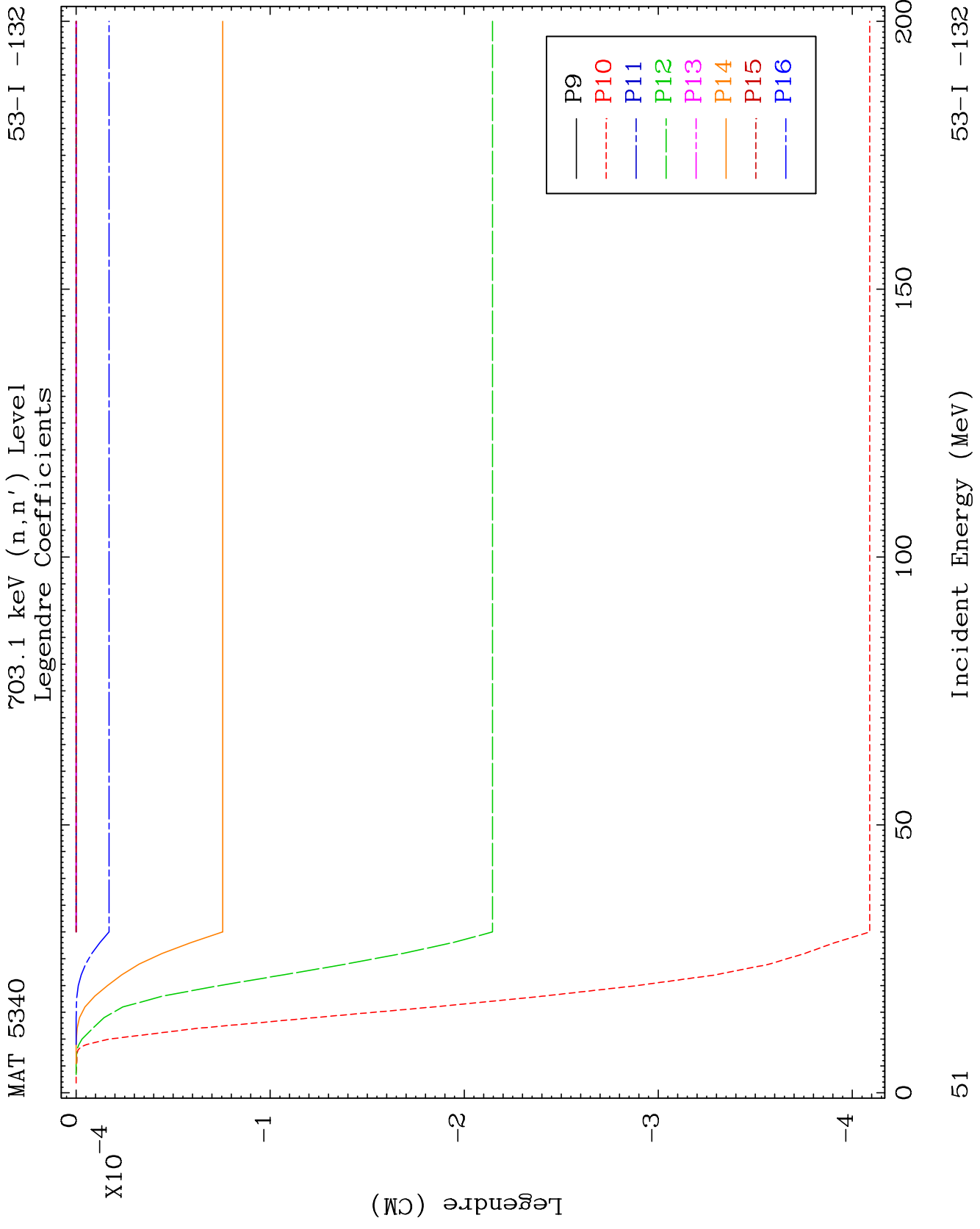
53-I -132



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Incident Energy (MeV)

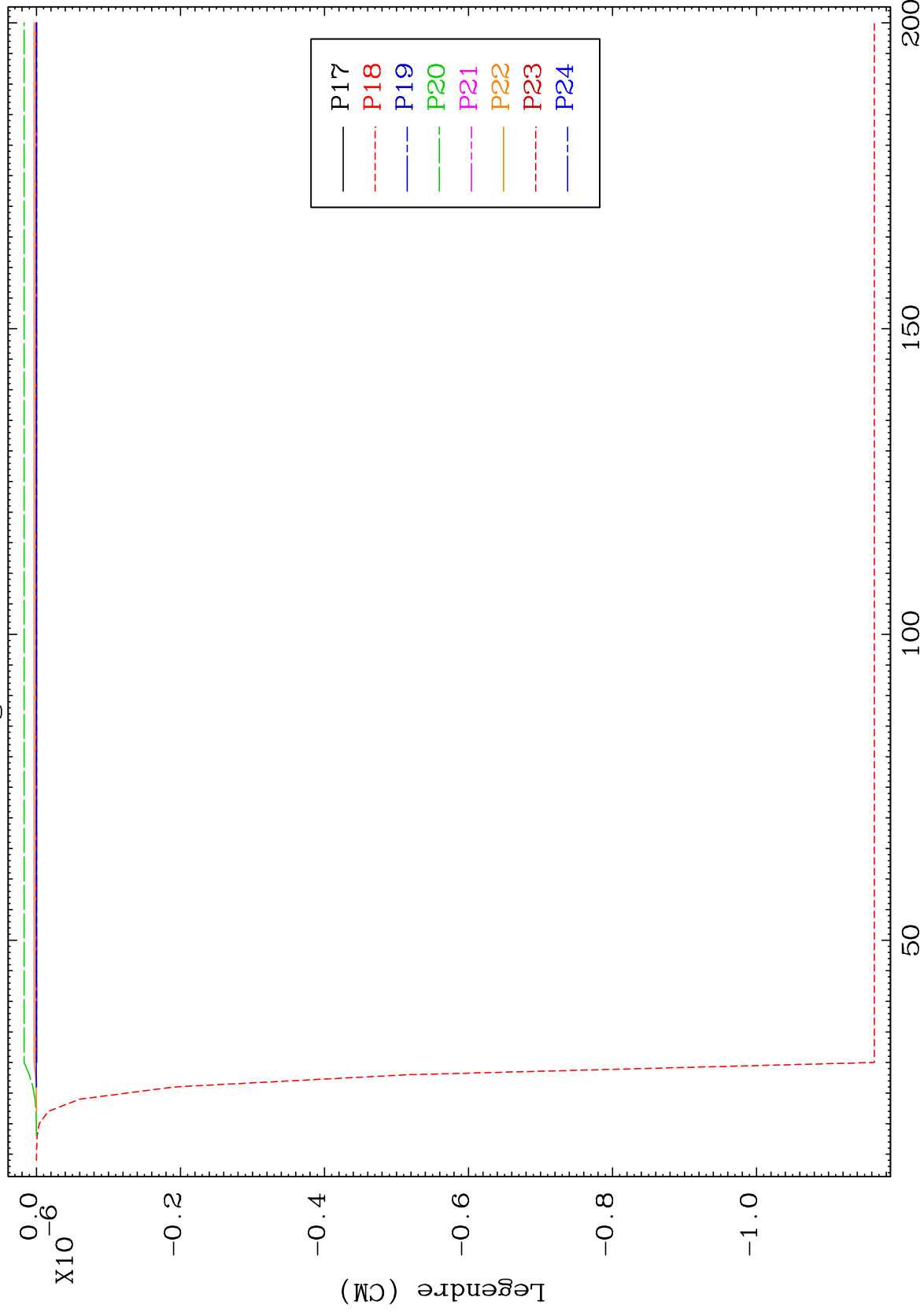
53-I -132



MAT 5340

703.1 keV (n,n') Level
Legendre Coefficients

53-I -132



52

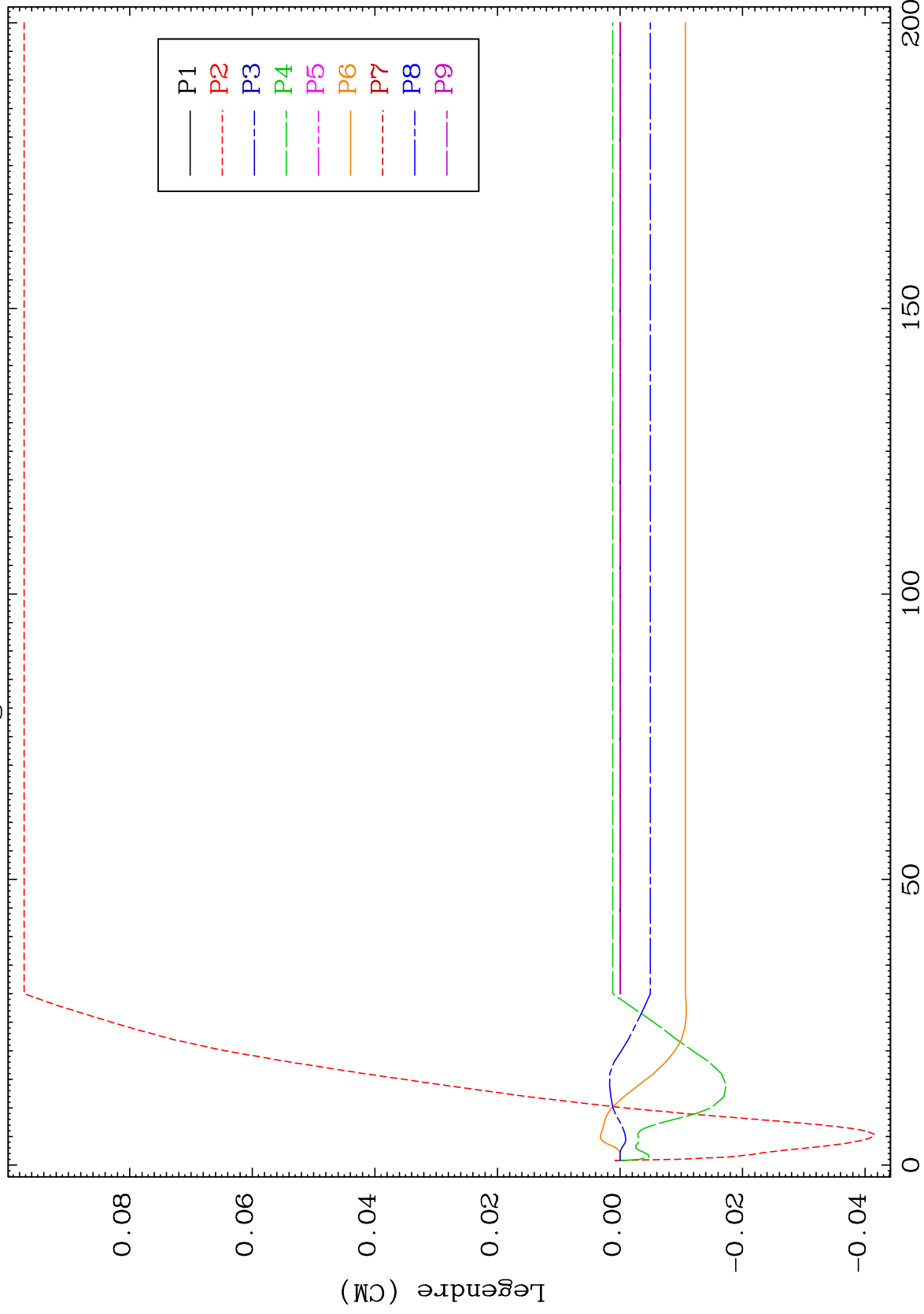
Incident Energy (MeV)

53-I -132

MAT 5340

750.0 keV (n,n') Level
Legendre Coefficients

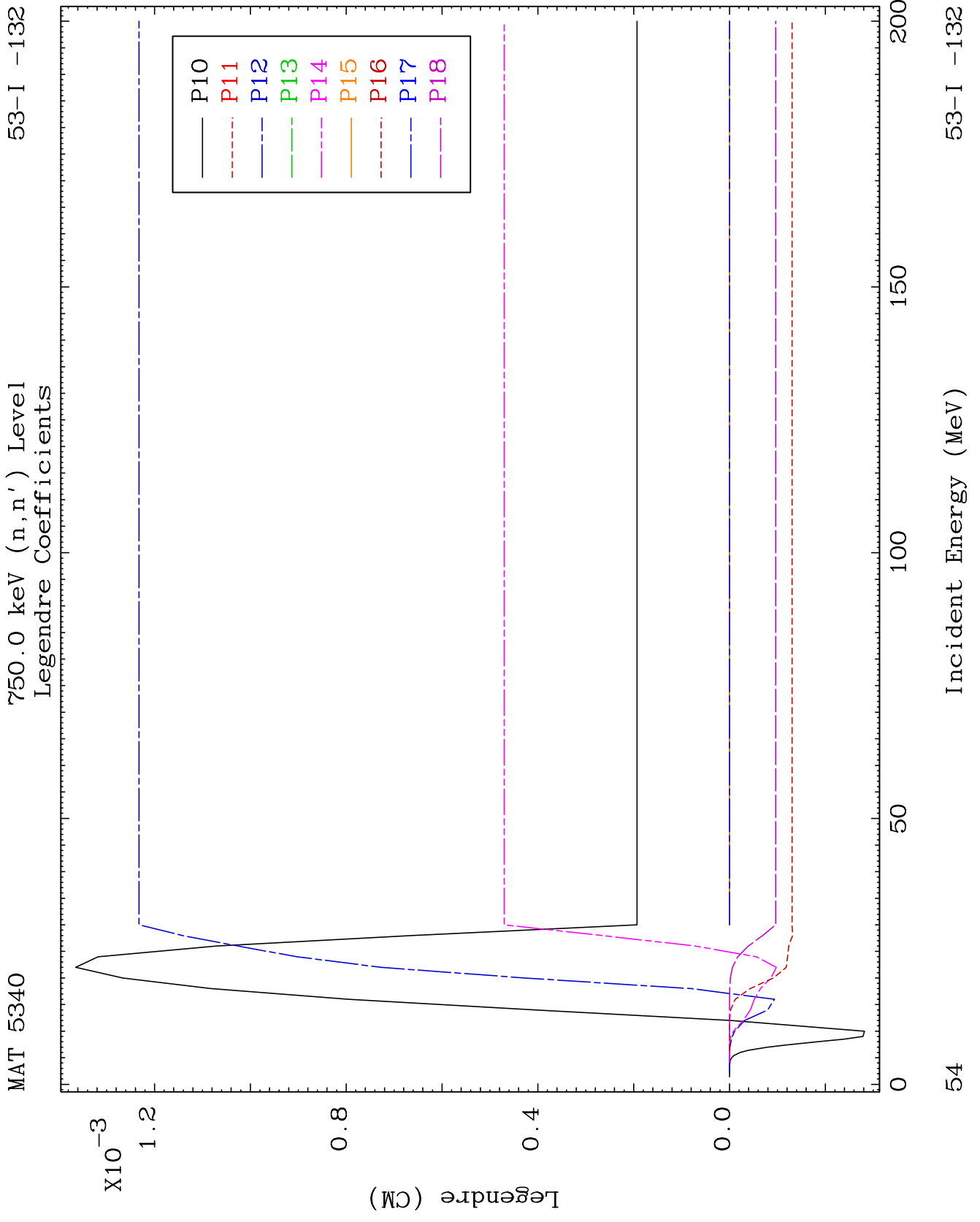
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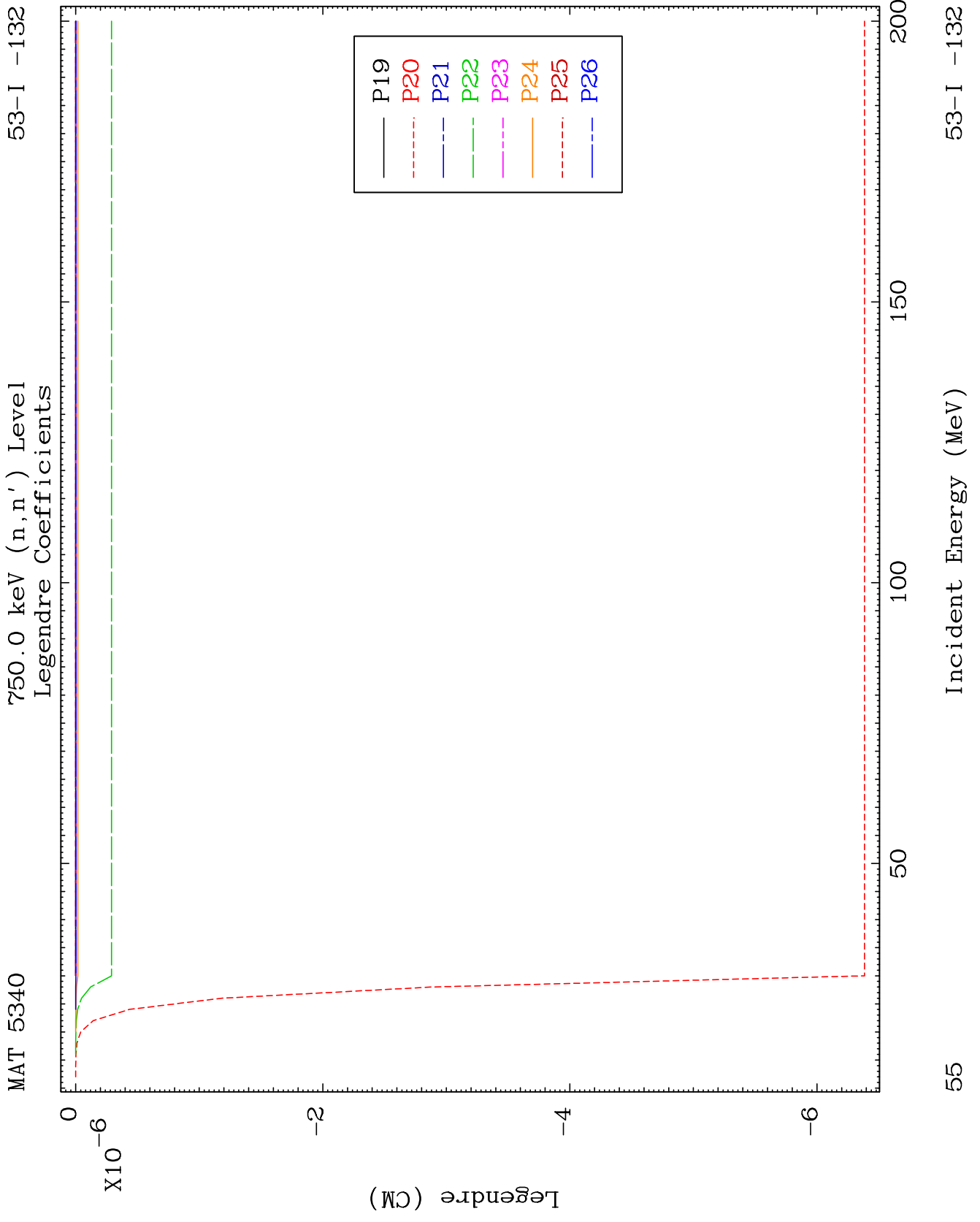


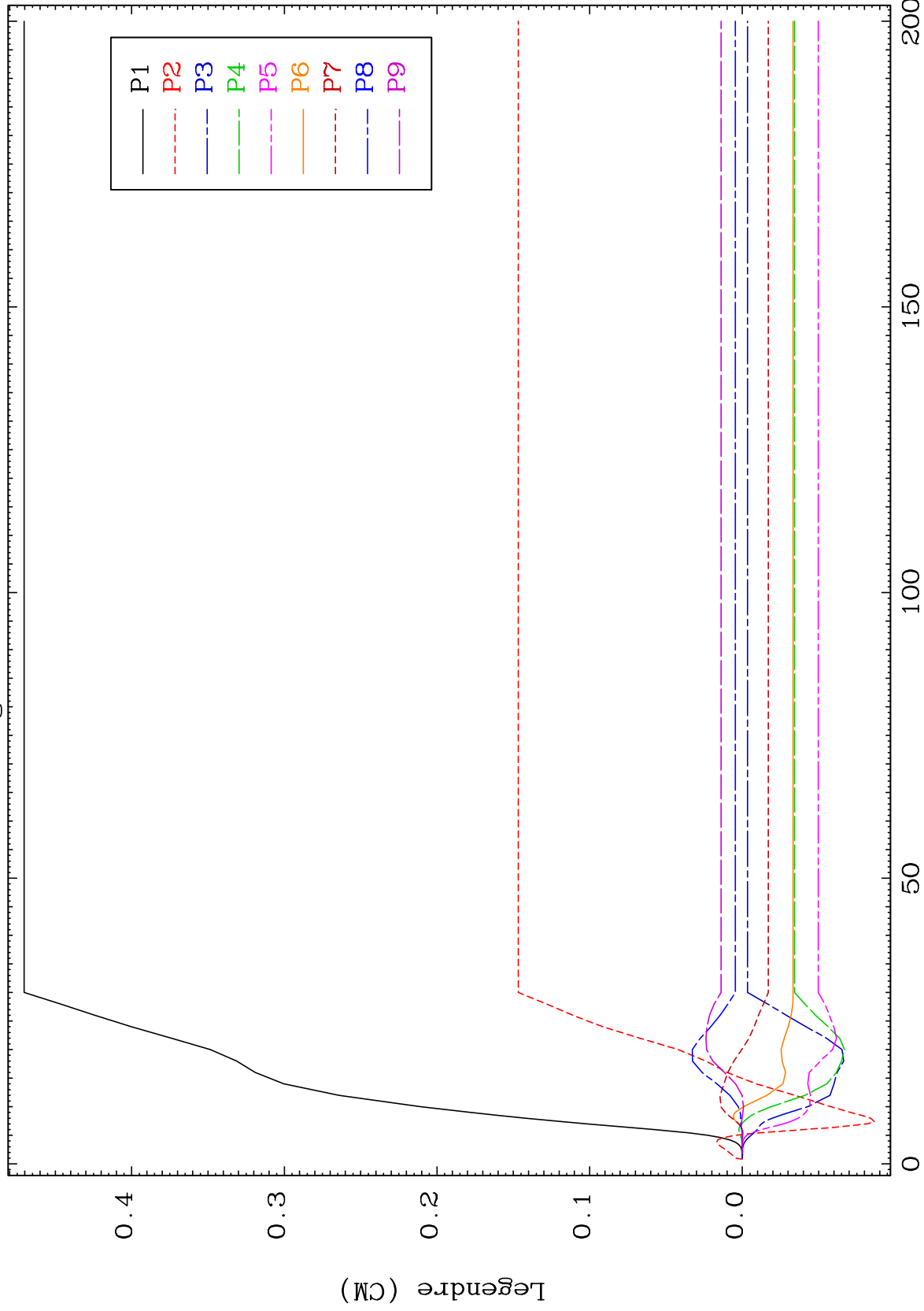
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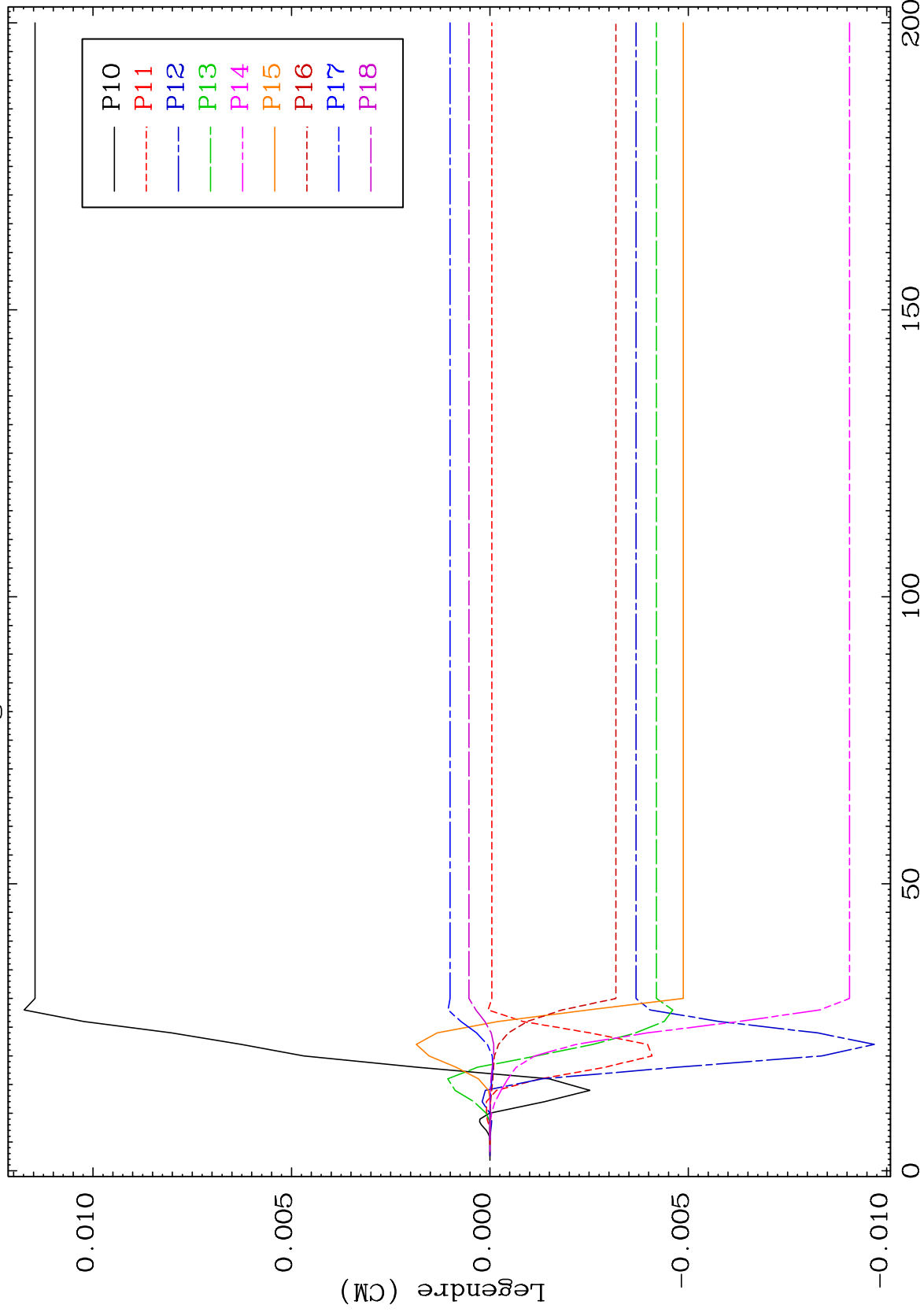
Incident Energy (MeV)

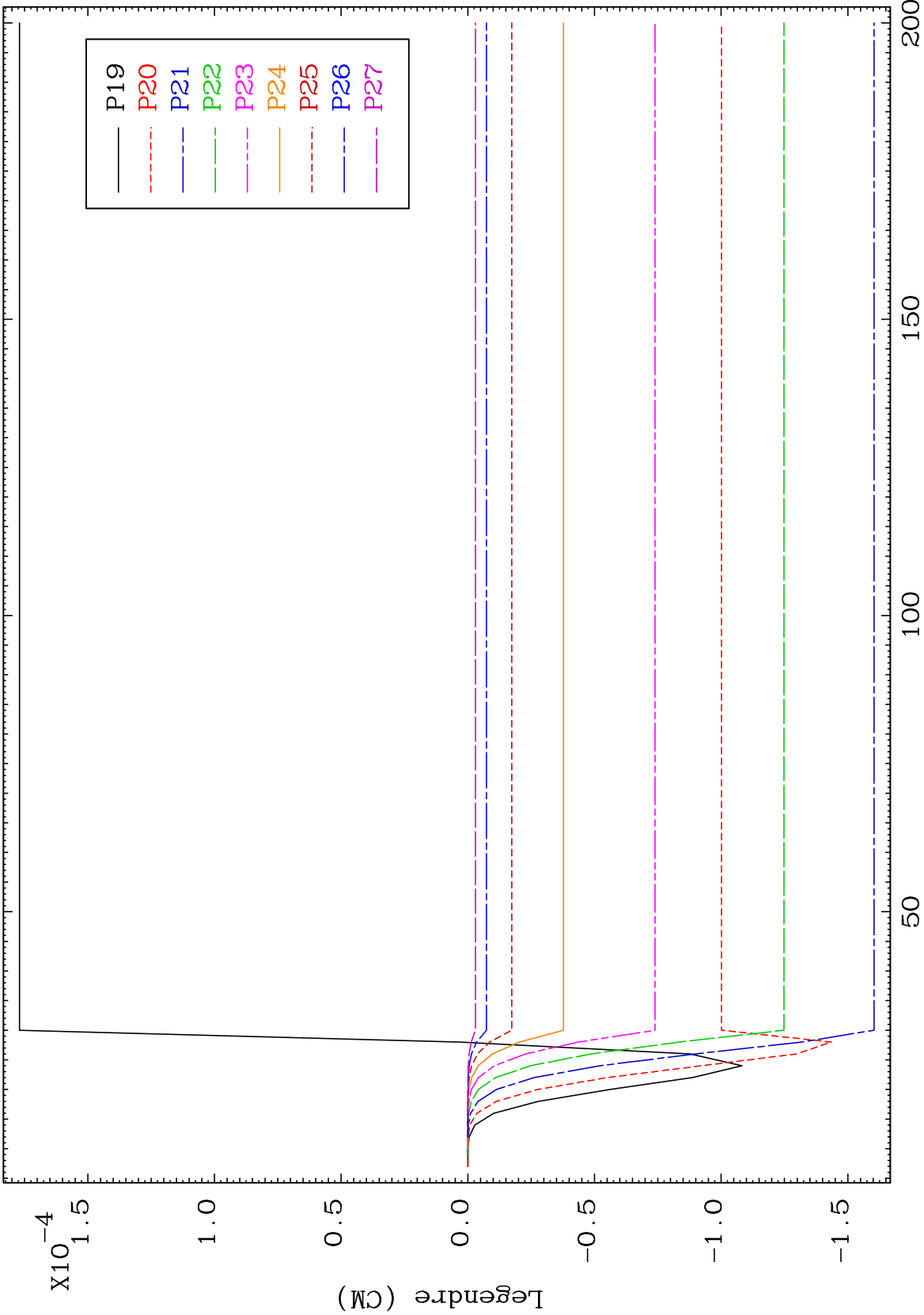
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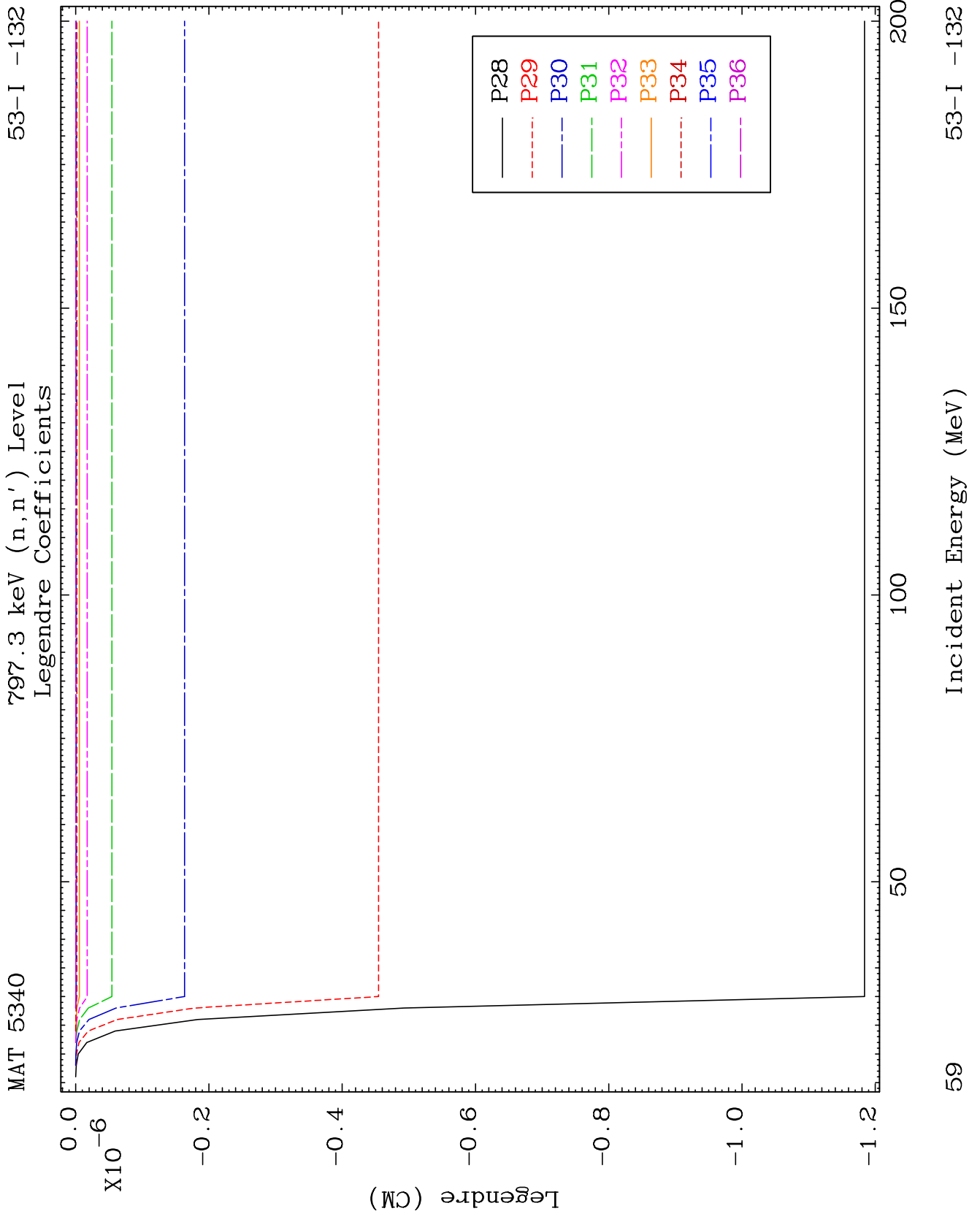








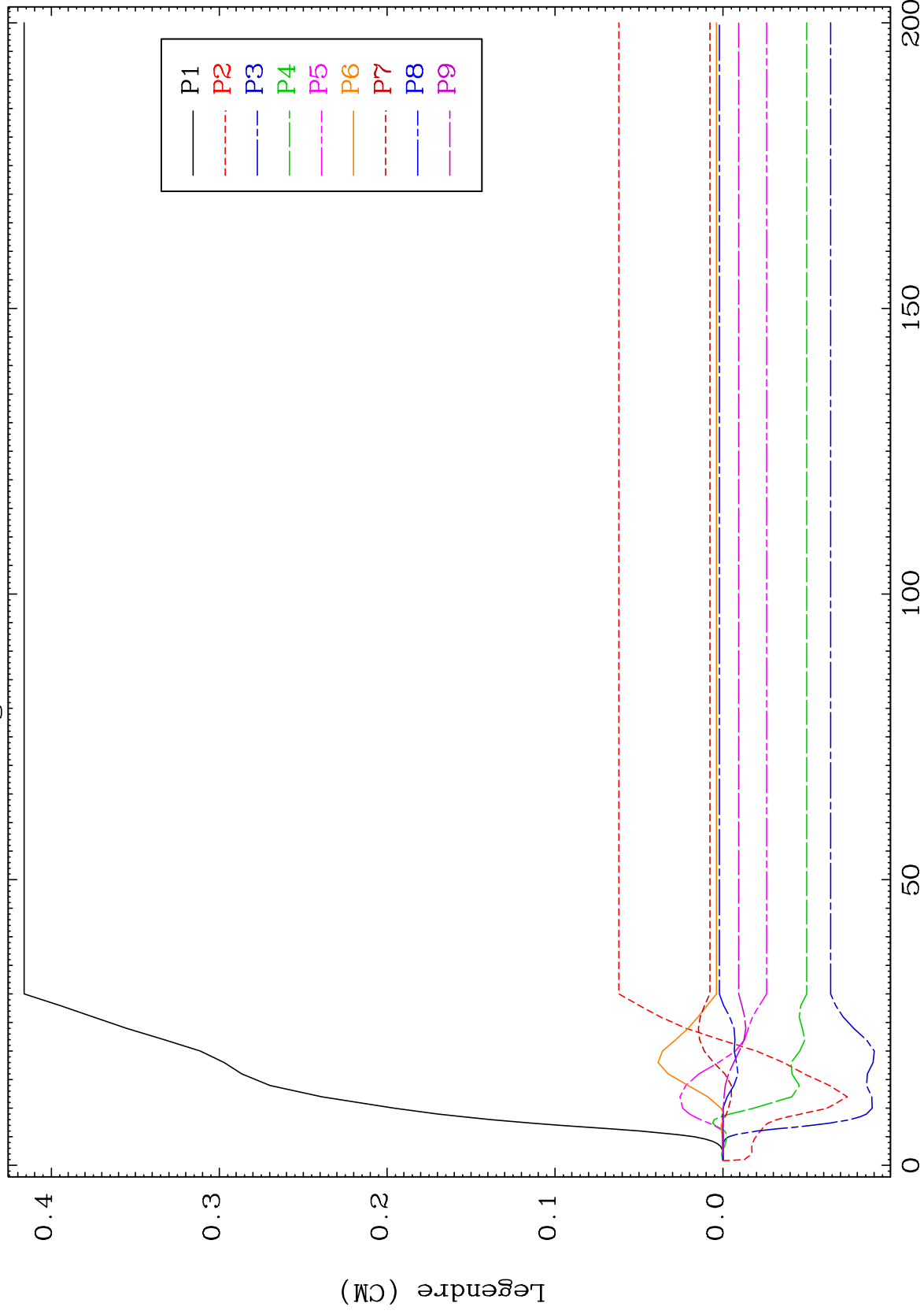




MAT 5340

808.7 keV (n,n') Level
Legendre Coefficients

53-I -132



53-I -132

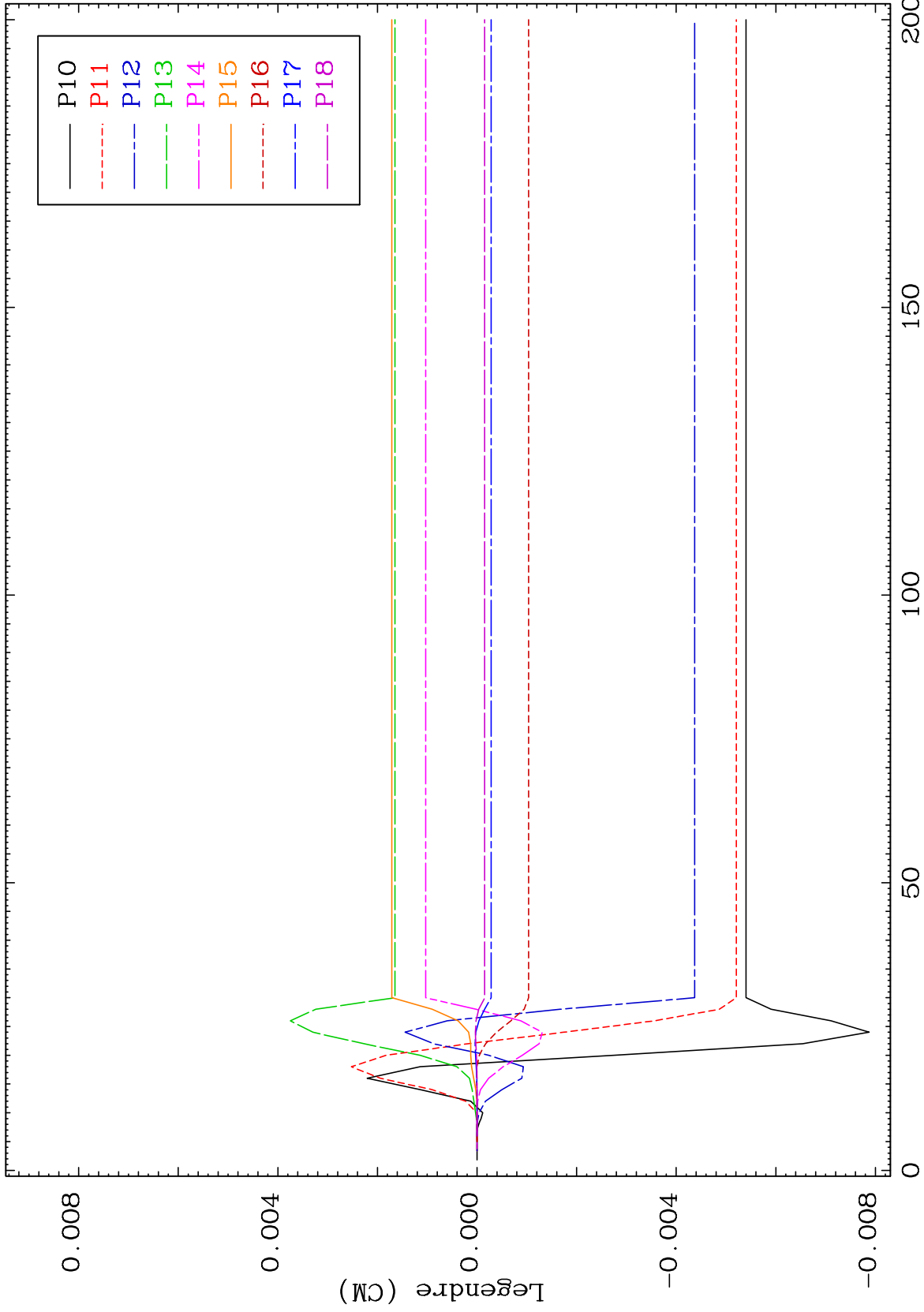
Incident Energy (MeV)

60

MAT 5340

808.7 keV (n,n') Level
Legendre Coefficients

53-I -132



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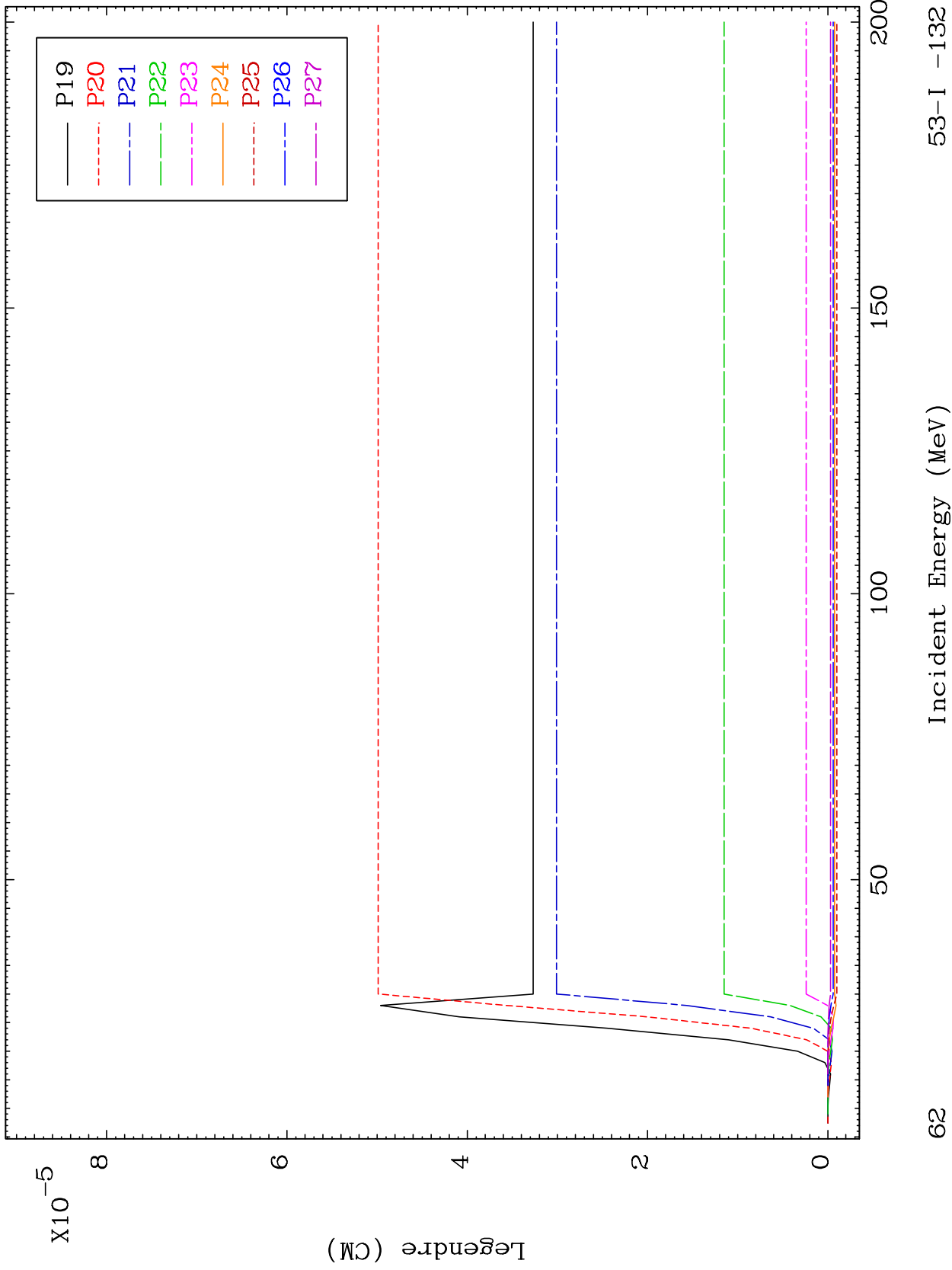
Incident Energy (MeV)

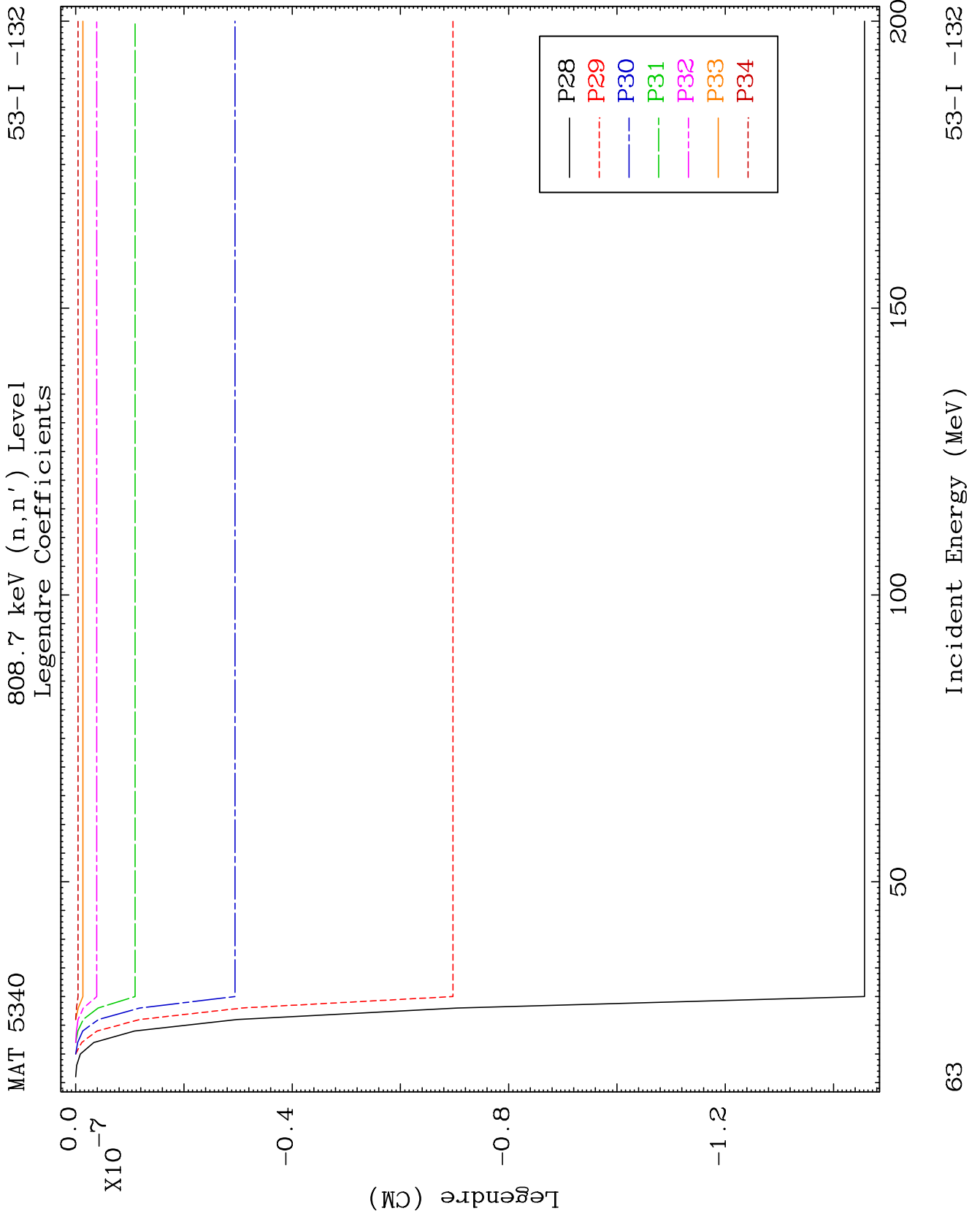
53-I -132

MAT 5340

808.7 keV (n,n') Level
Legendre Coefficients

53-I -132

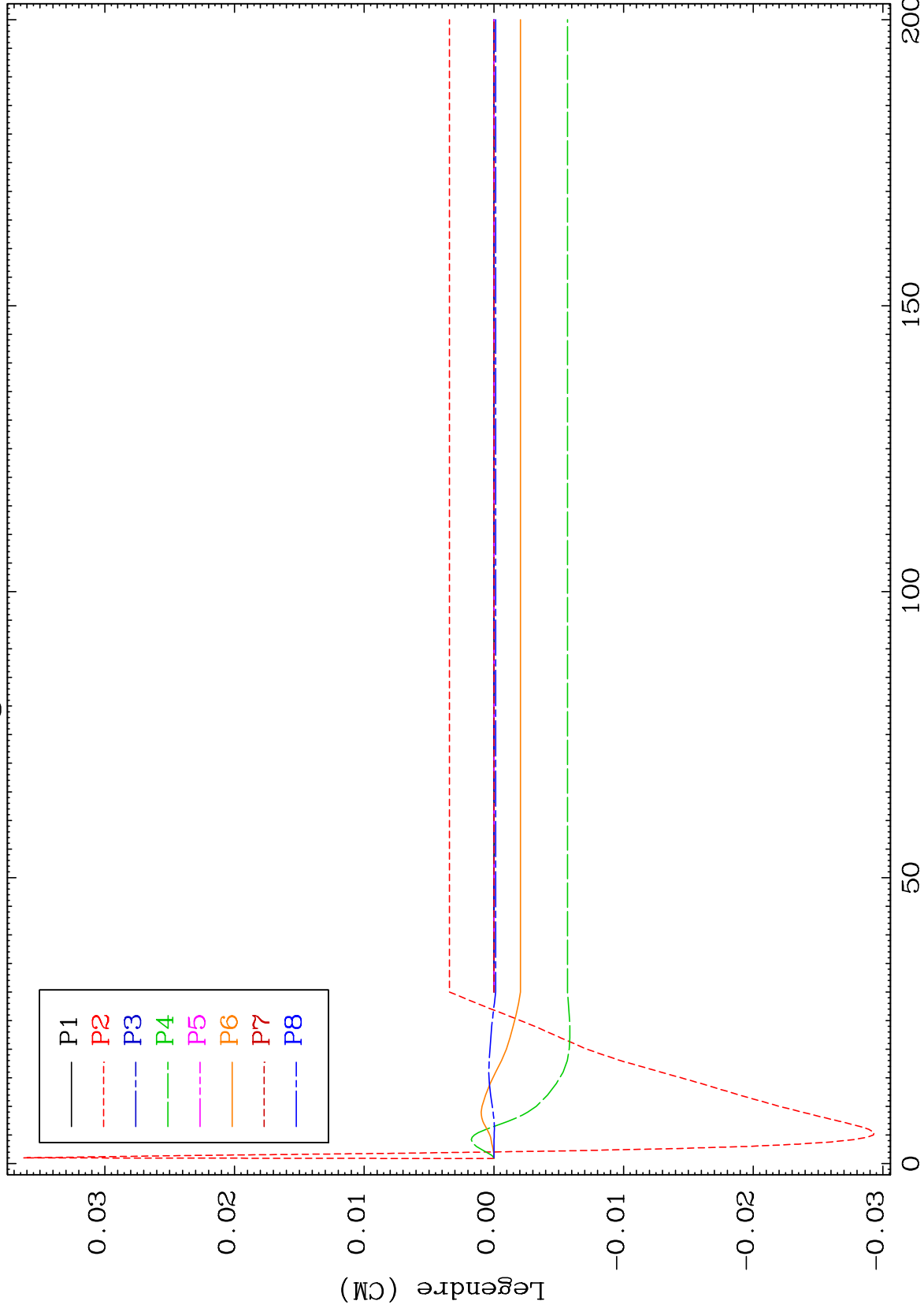




MAT 5340

868.4 keV (n,n') Level
Legendre Coefficients

53-I -132



Incident Energy (MeV)

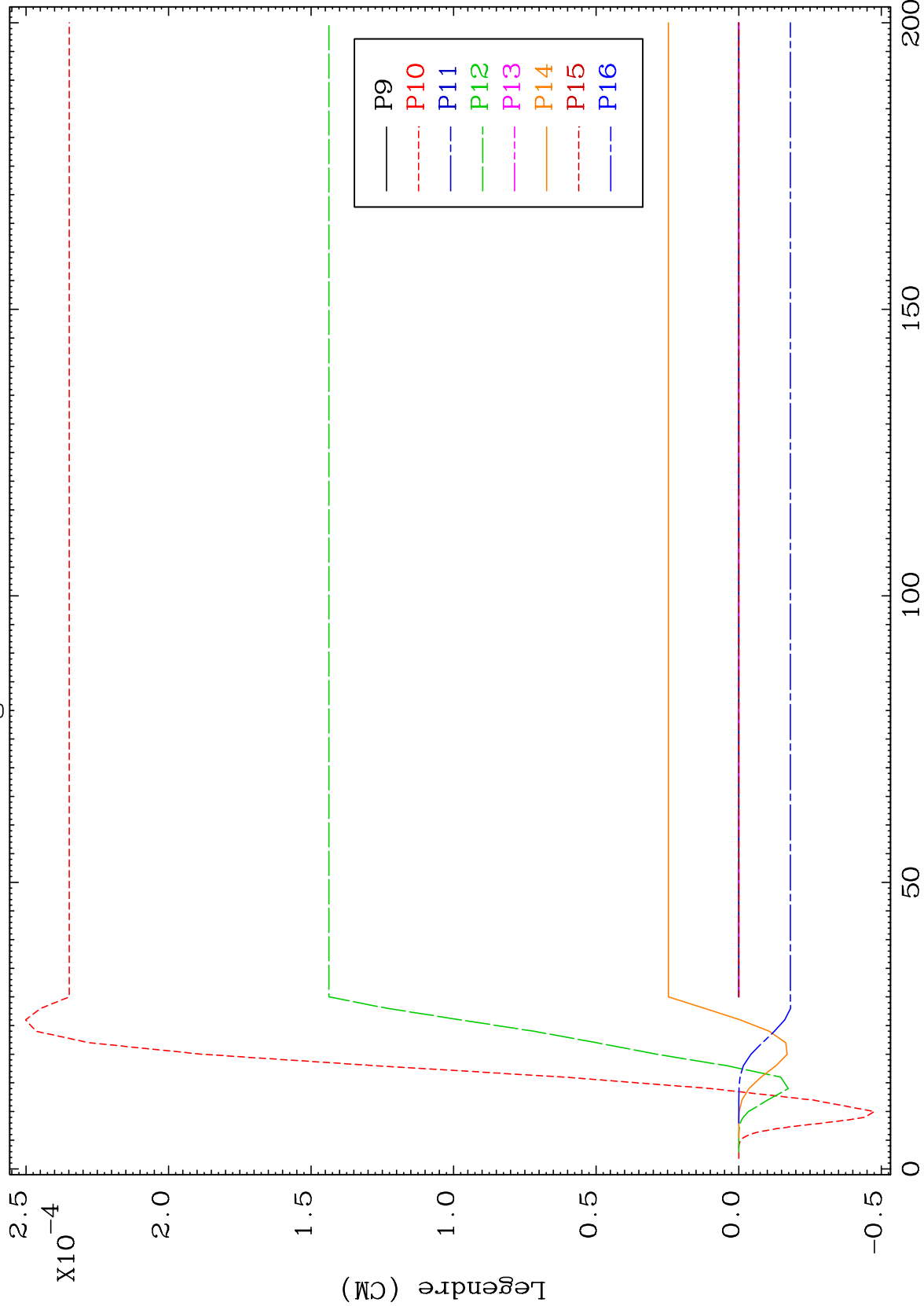
53-I -132

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MAT 5340

868.4 keV (n,n') Level
Legendre Coefficients

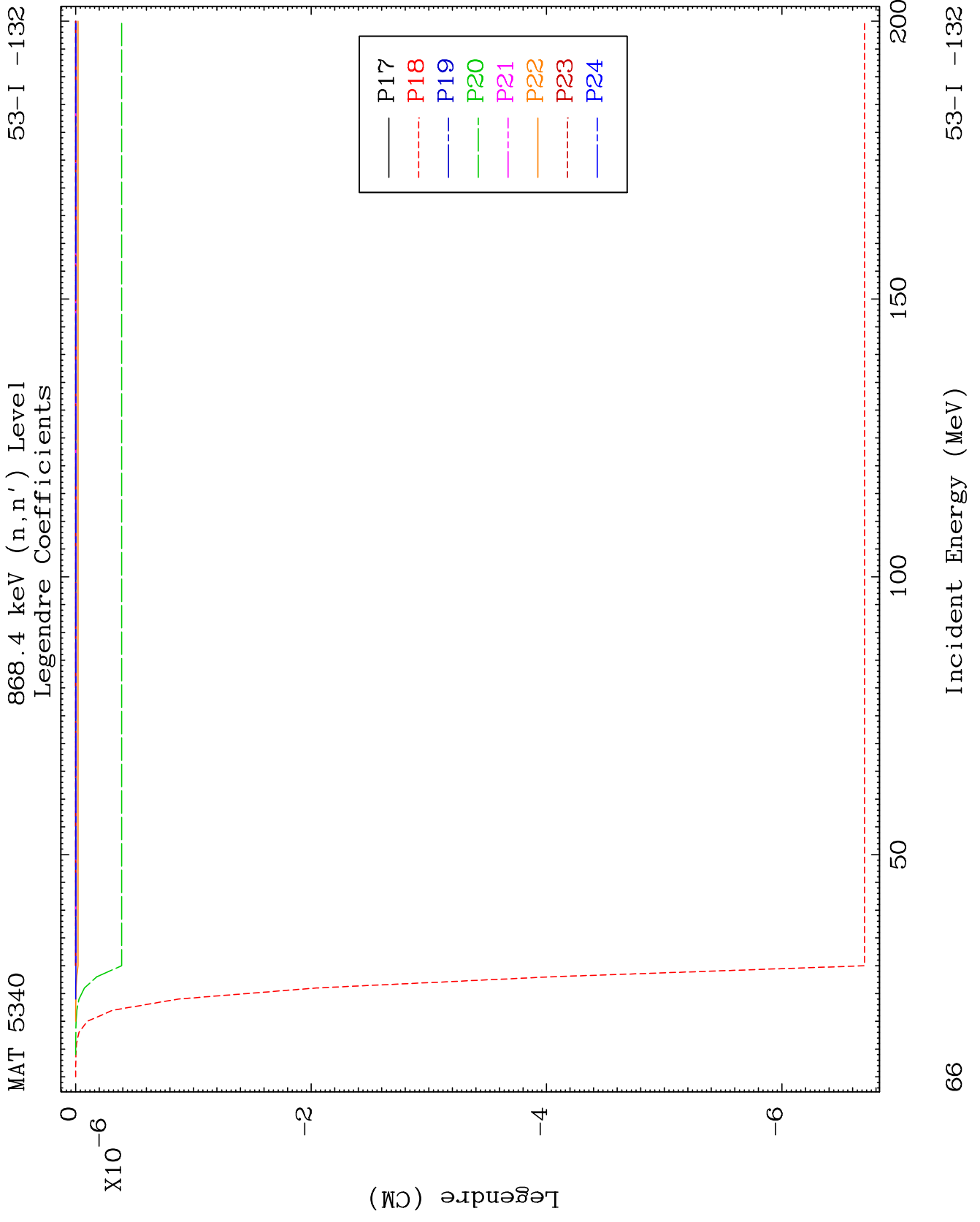
53-I -132



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Incident Energy (MeV)

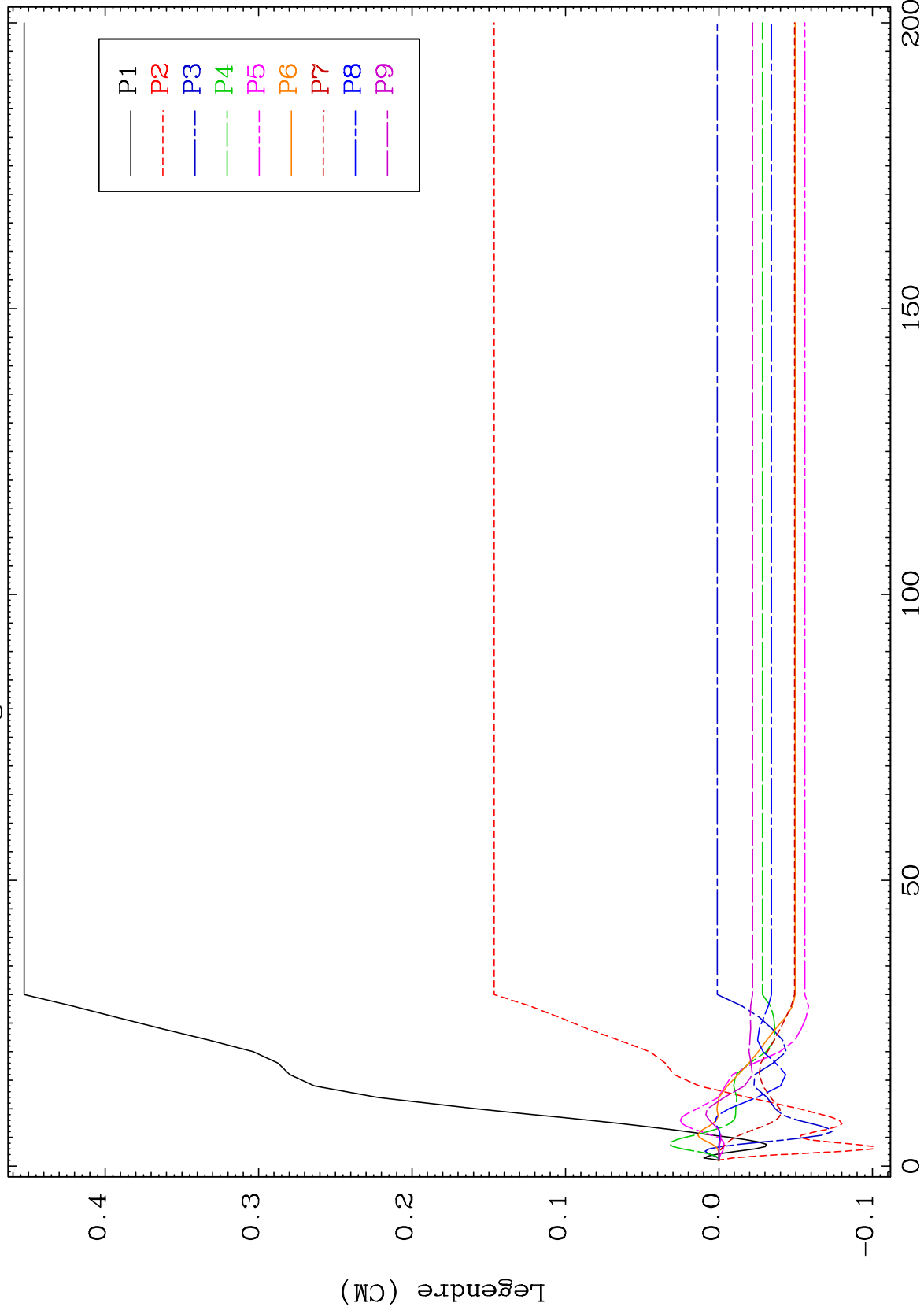
53-I -132



MAT 5340

918.9 keV (n,n') Level
Legendre Coefficients

53-I -132



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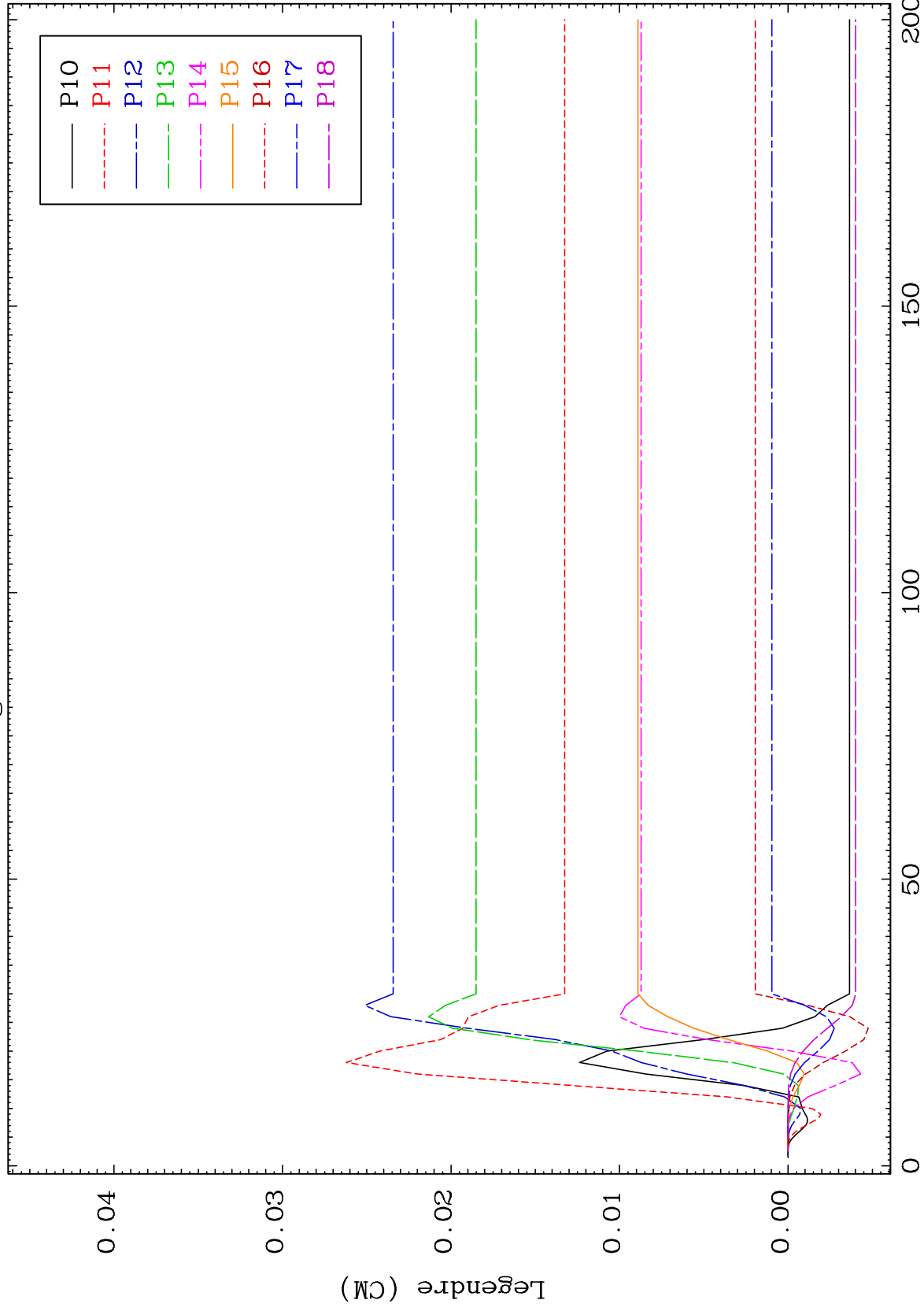
Incident Energy (MeV)

53-I -132

MAT 5340

918.9 keV (n,n') Level
Legendre Coefficients

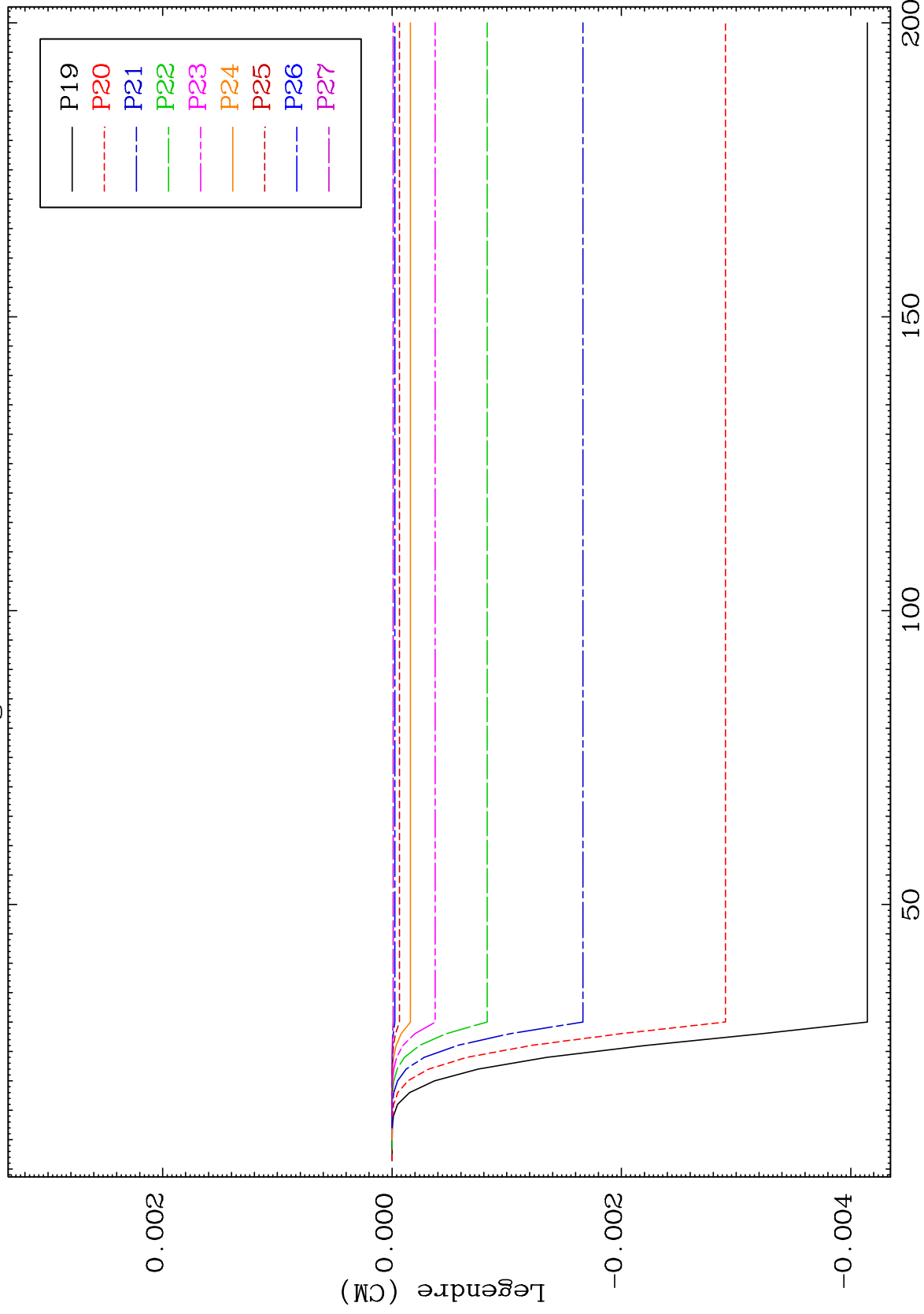
53-I -132

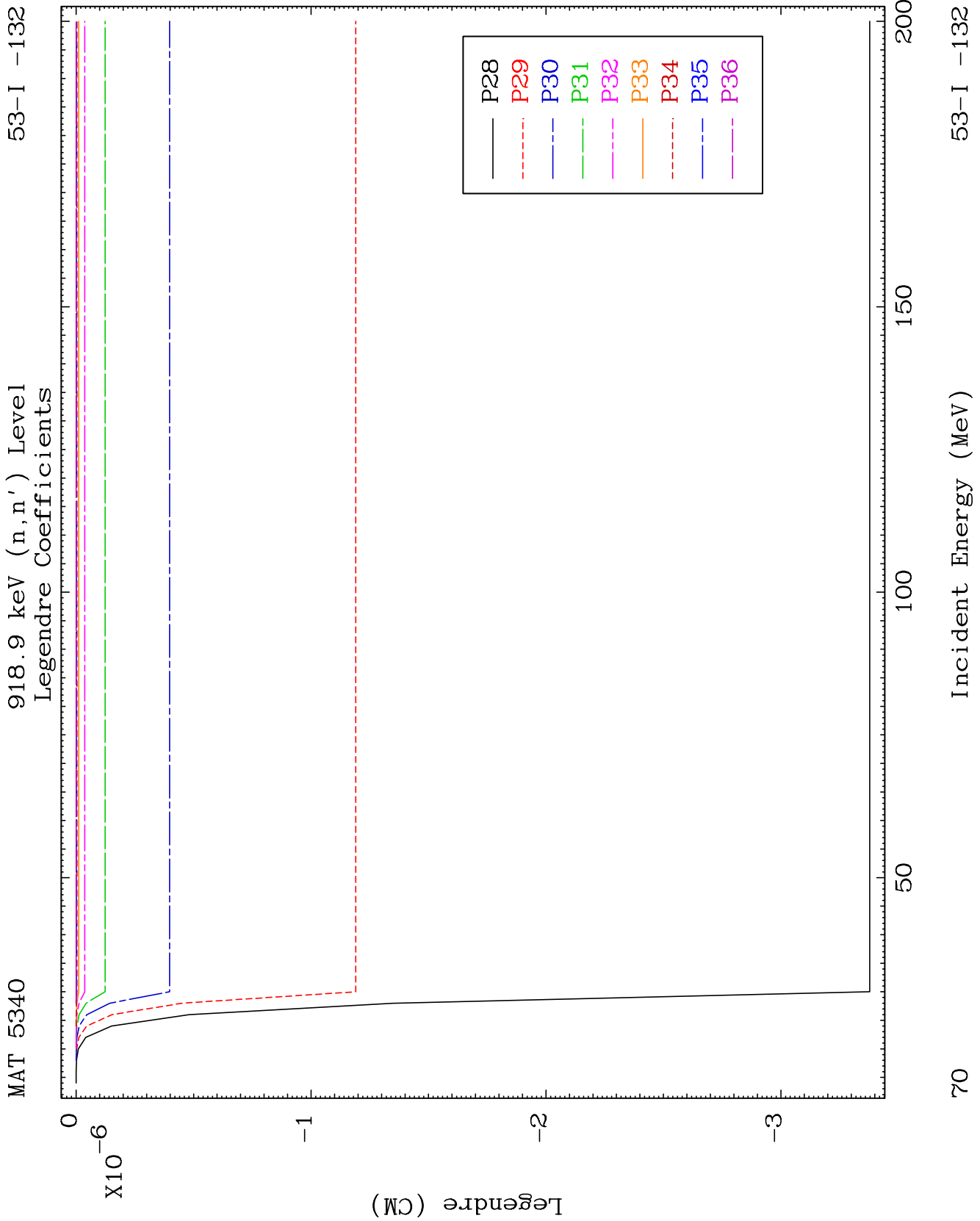


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Incident Energy (MeV)

53-I -132

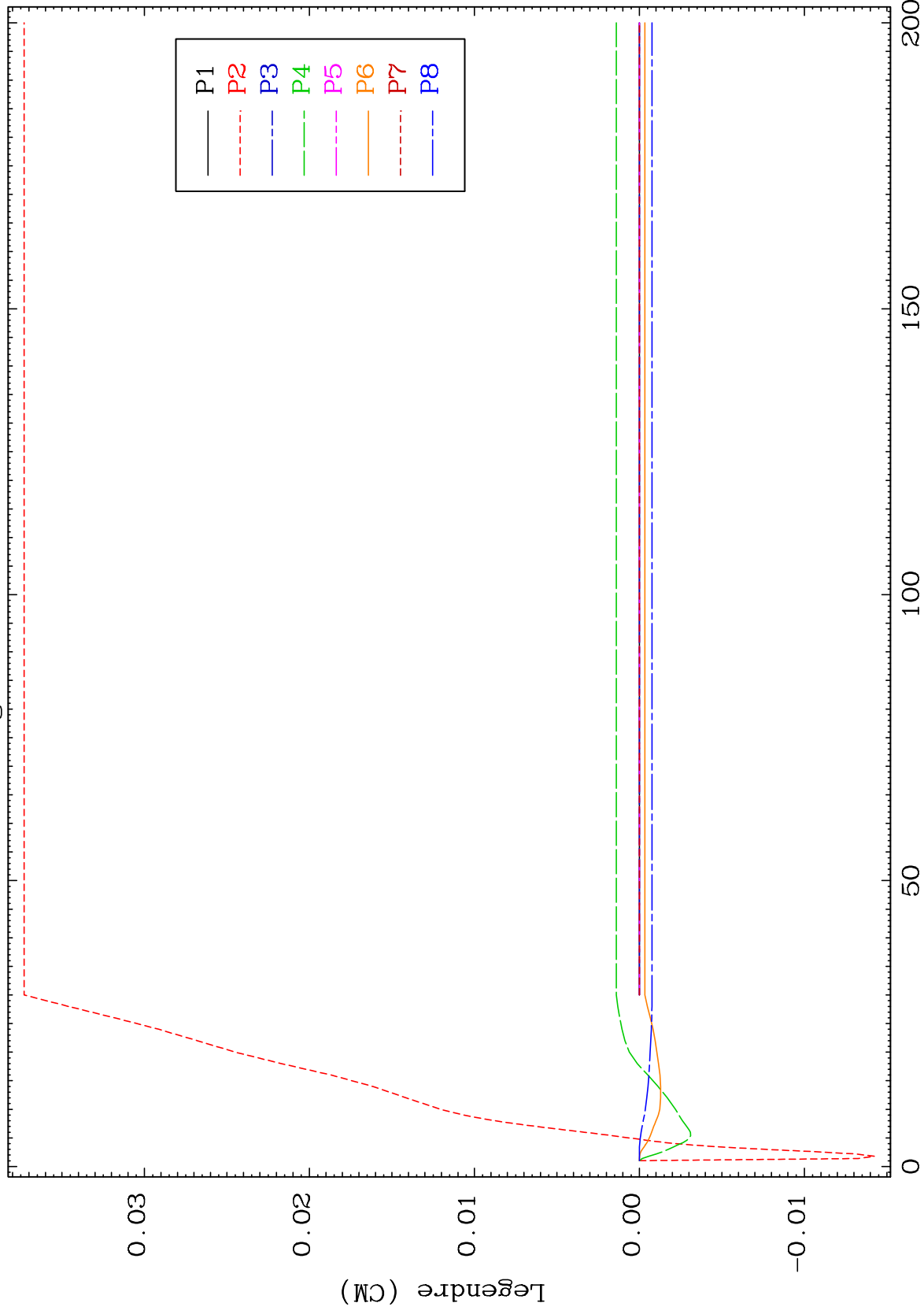




MAT 5340

1.005 MeV (n,n') Level
Legendre Coefficients

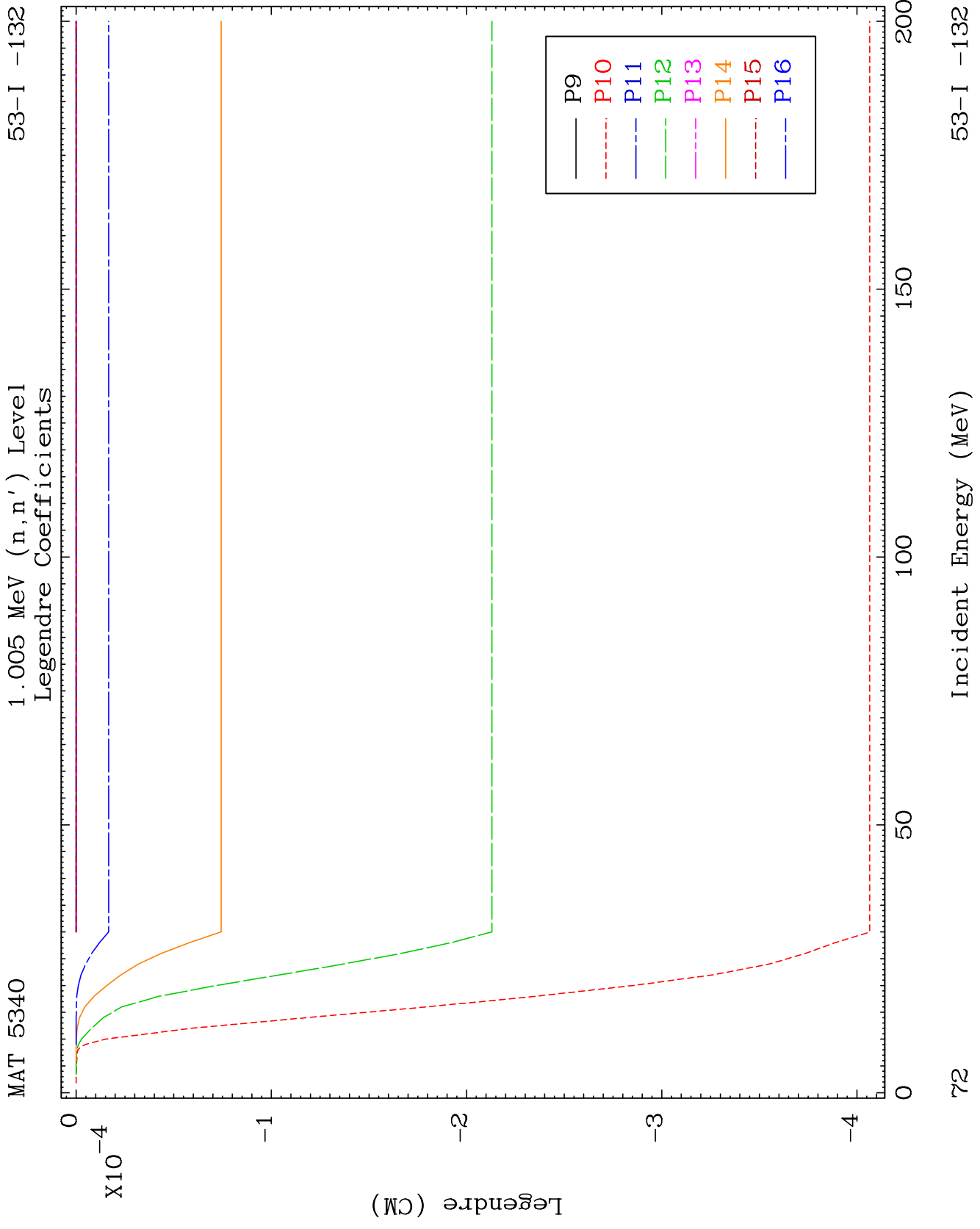
53-I -132



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Incident Energy (MeV)

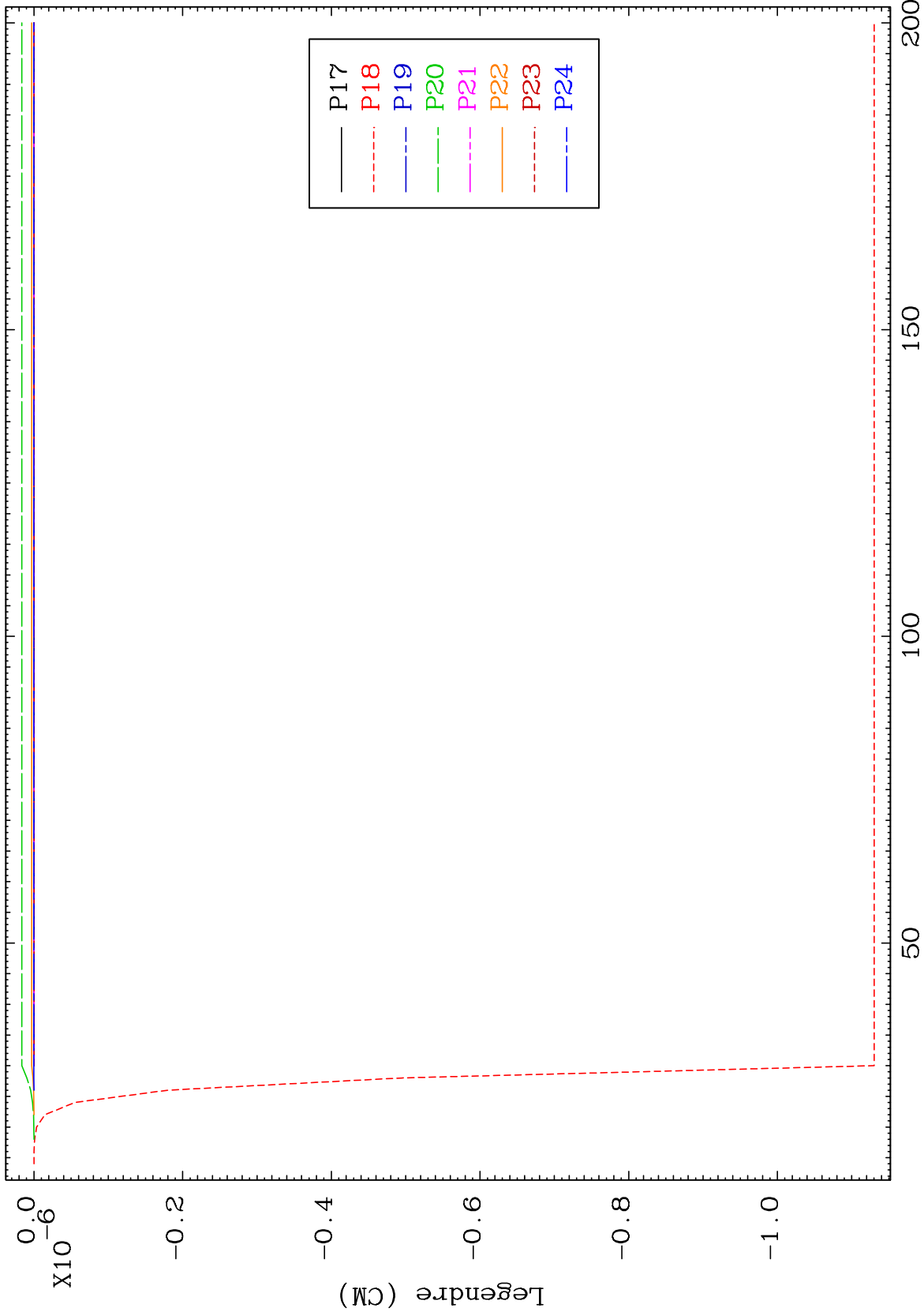
53-I -132



MAT 5340

1.005 MeV (n,n') Level
Legendre Coefficients

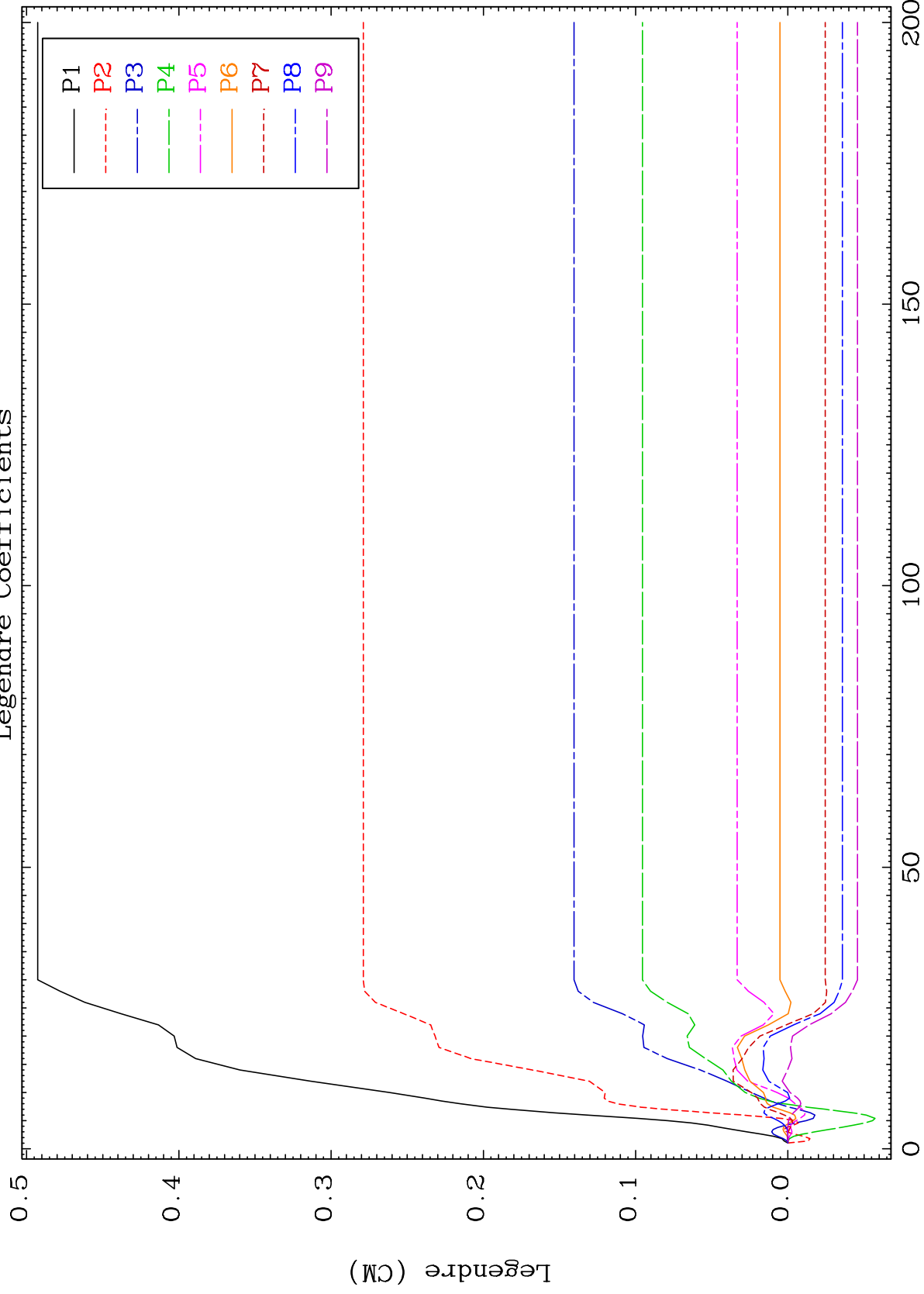
53-I -132



73

Incident Energy (MeV)

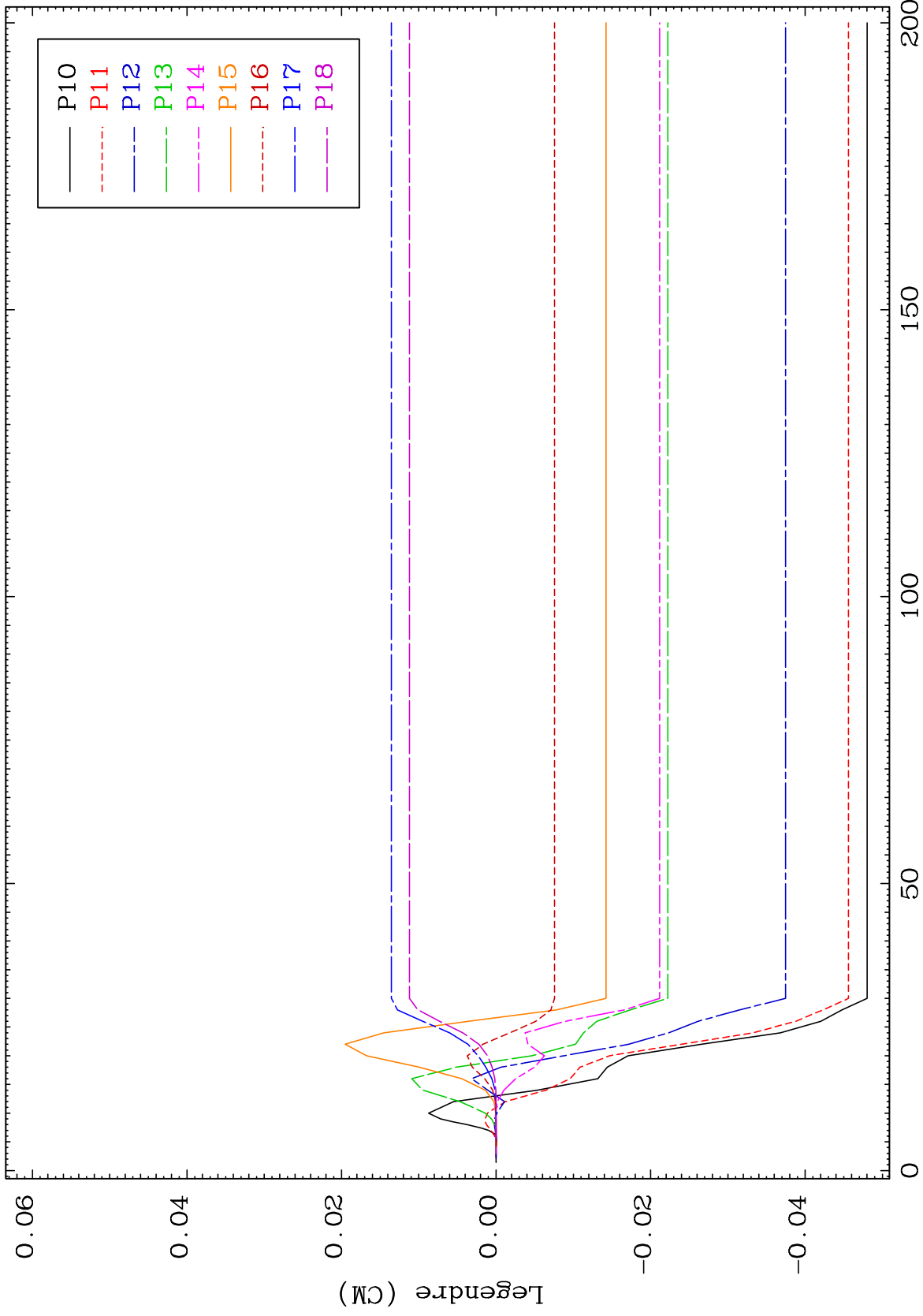
53-I -132



MAT 5340

1.010 MeV (n,n') Level
Legendre Coefficients

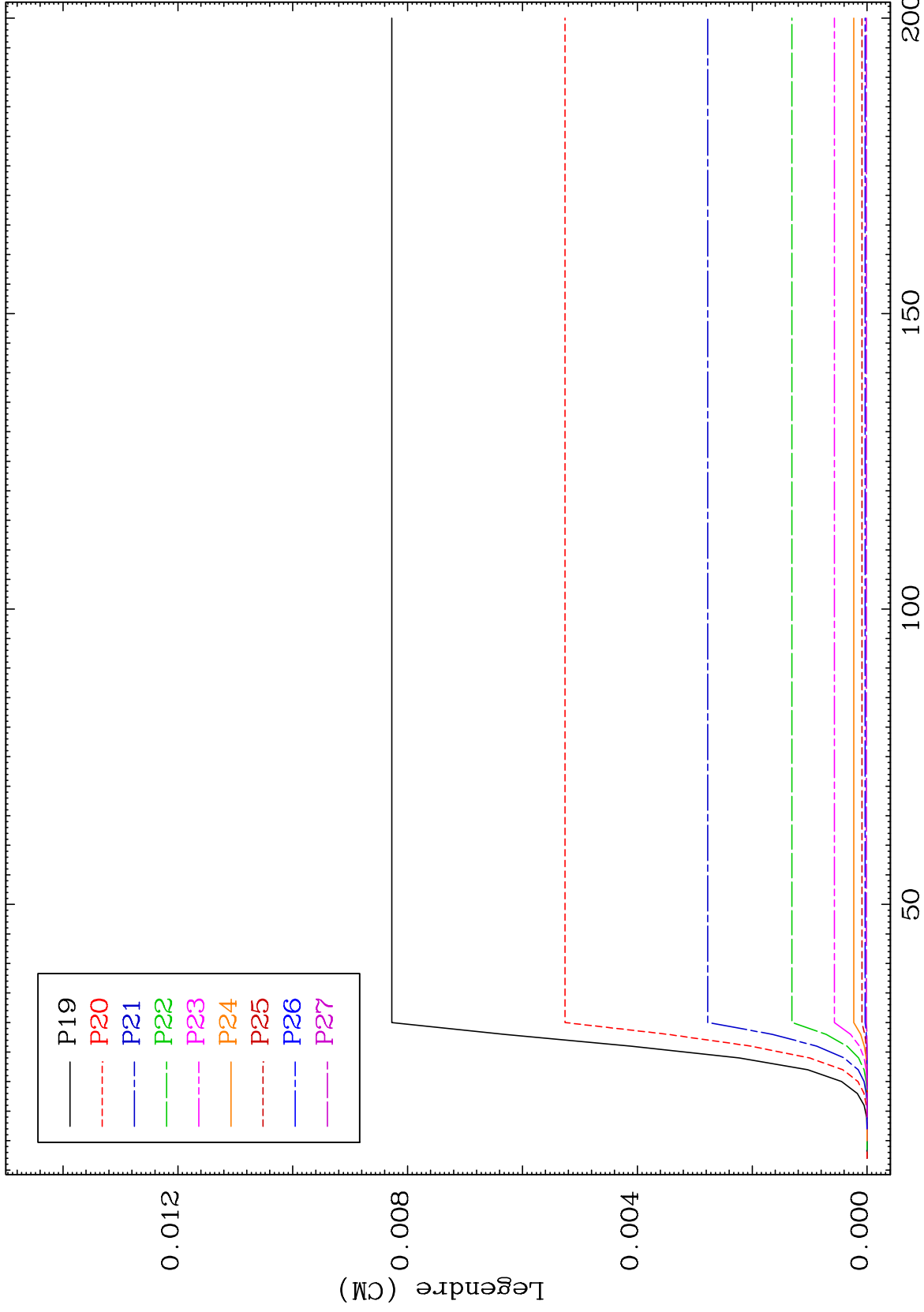
53-I -132

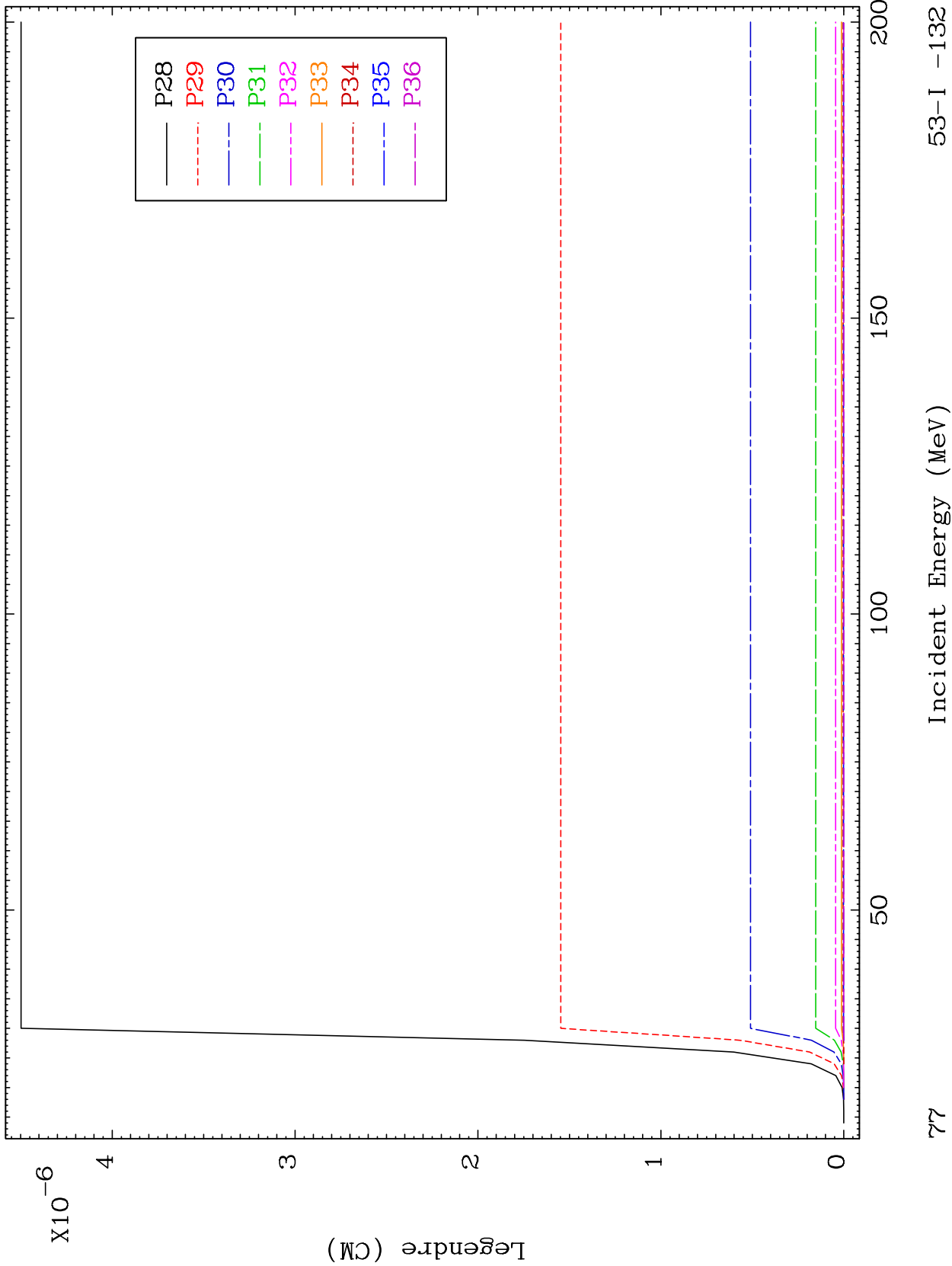


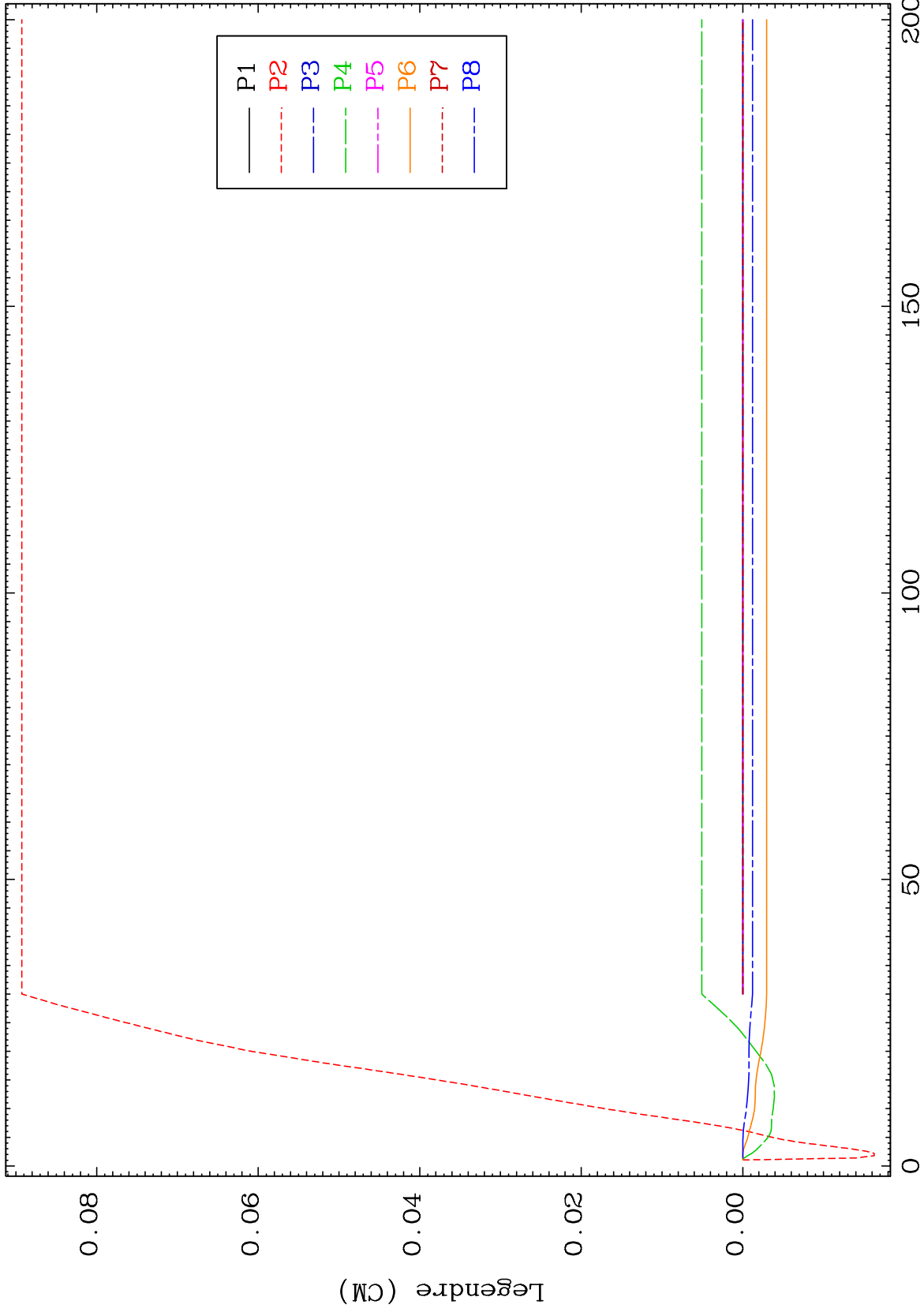
75

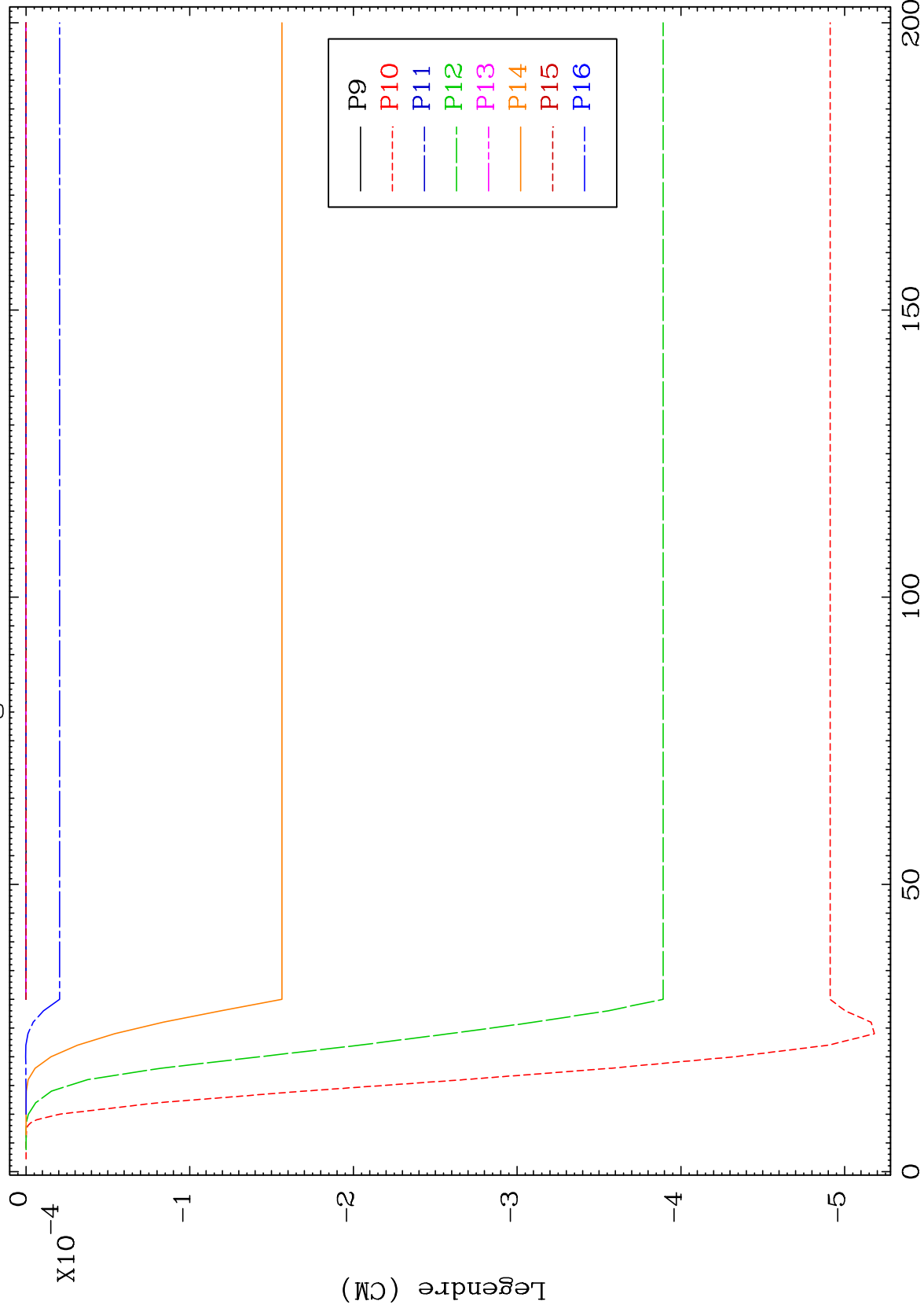
Incident Energy (MeV)

53-I -132





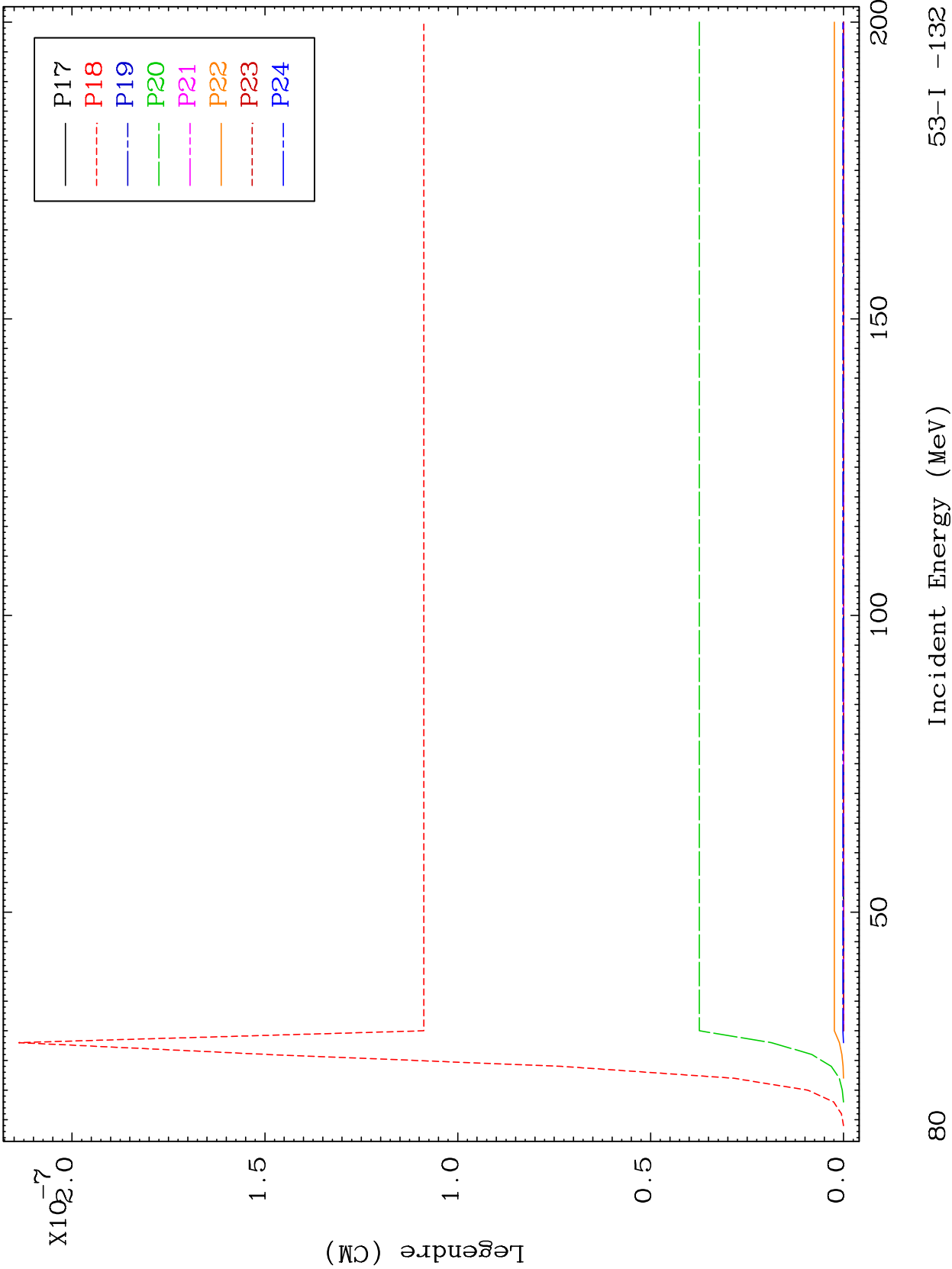




MAT 5340

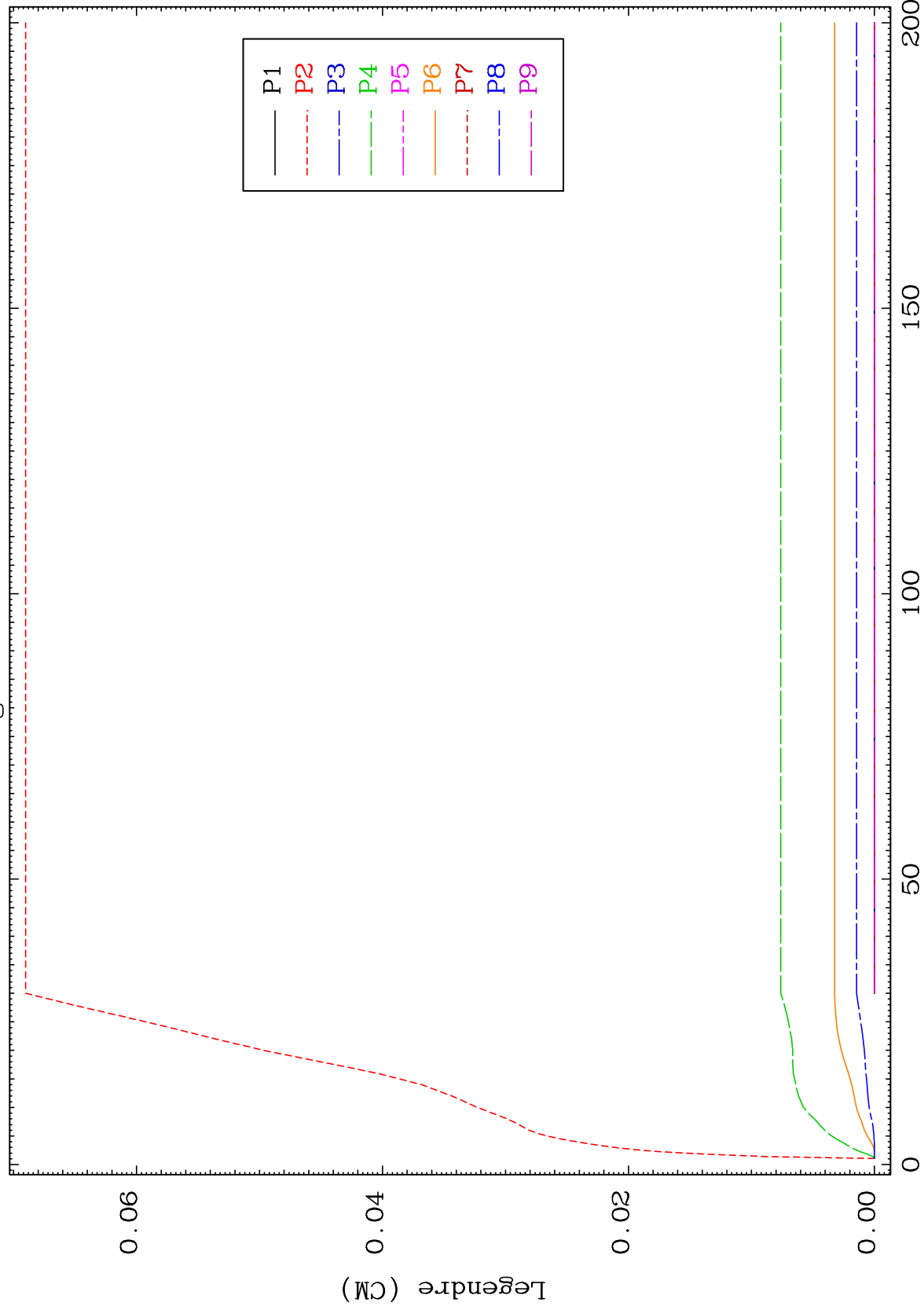
1.037 MeV (n,n') Level
Legendre Coefficients

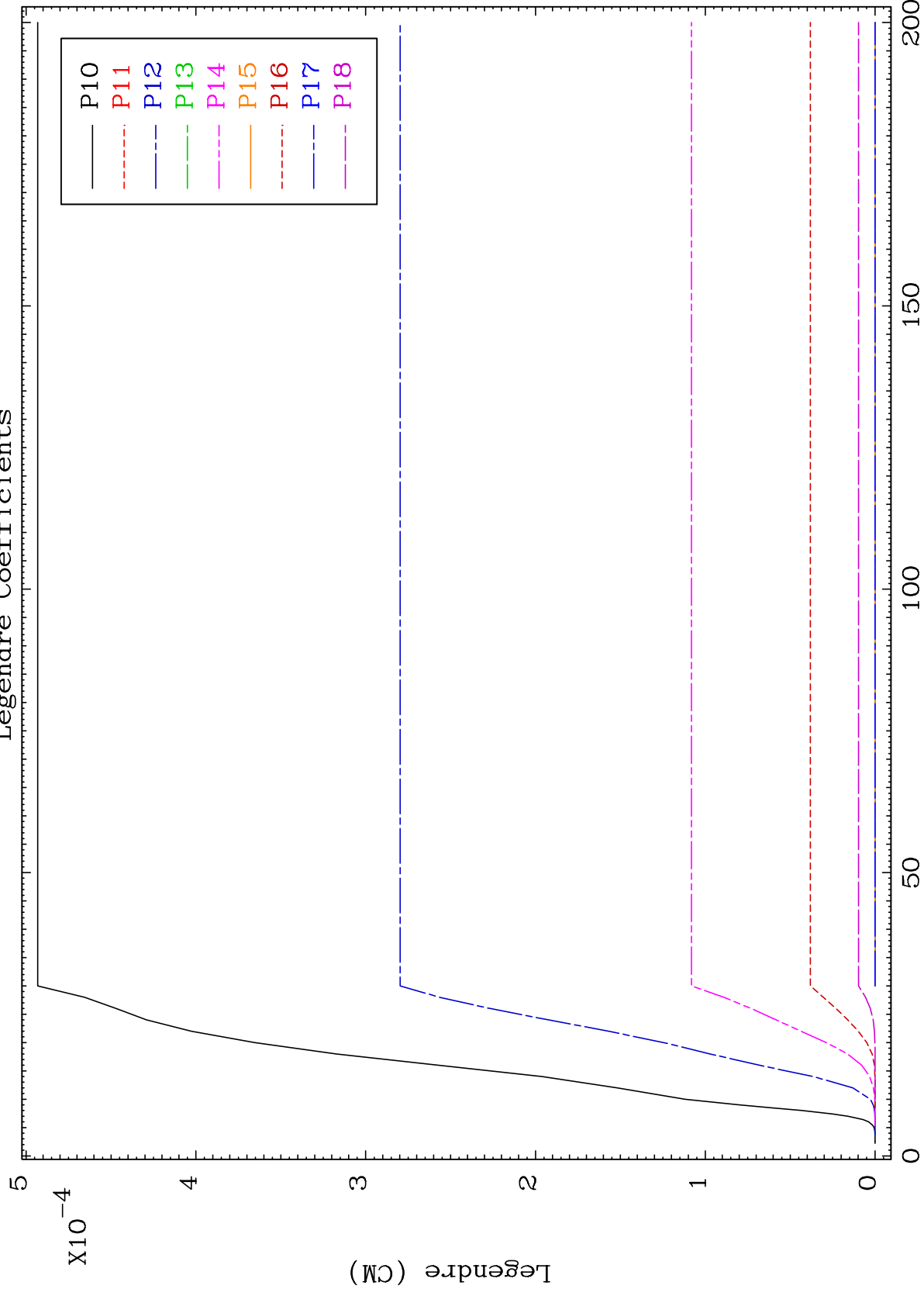
53-I -132

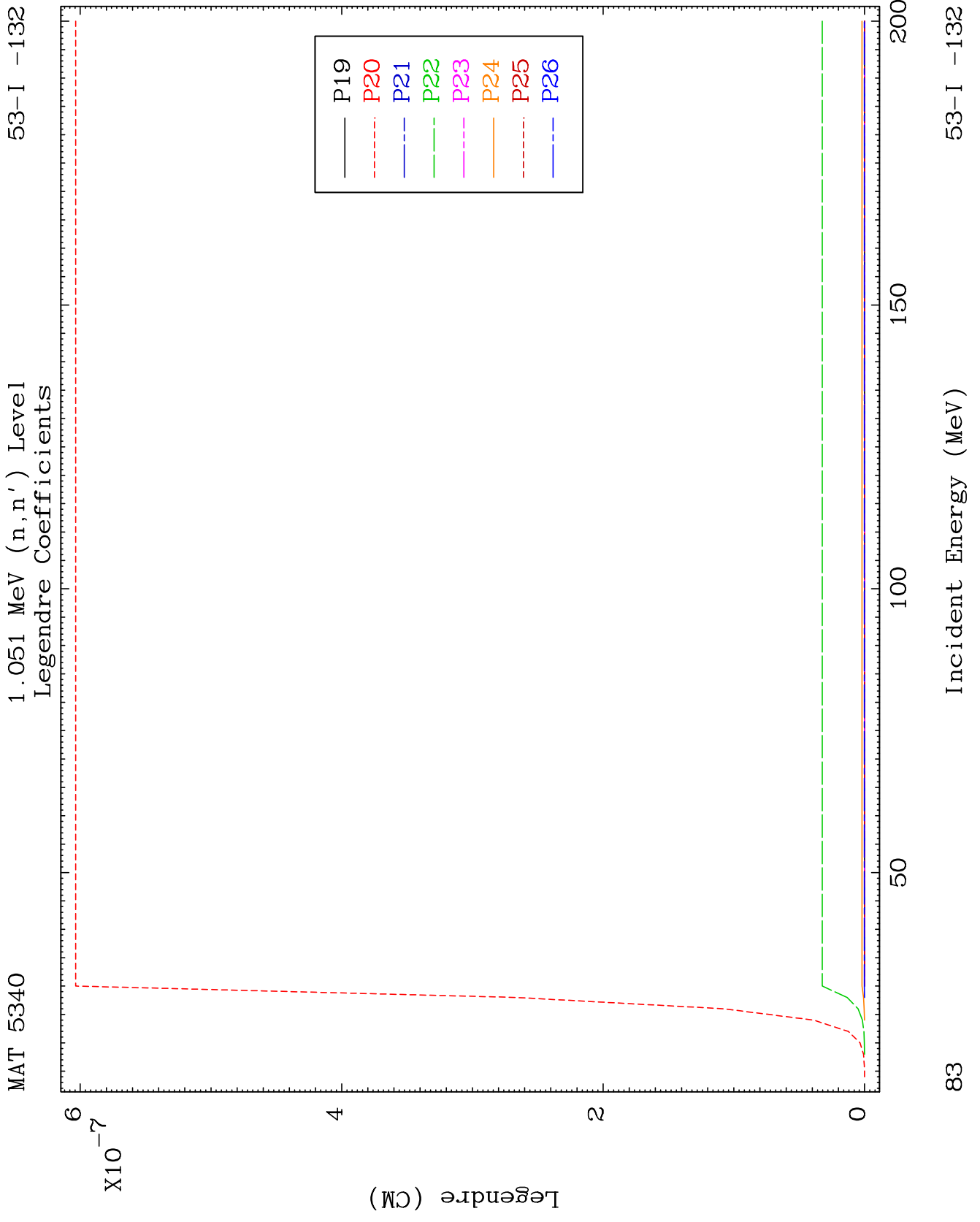


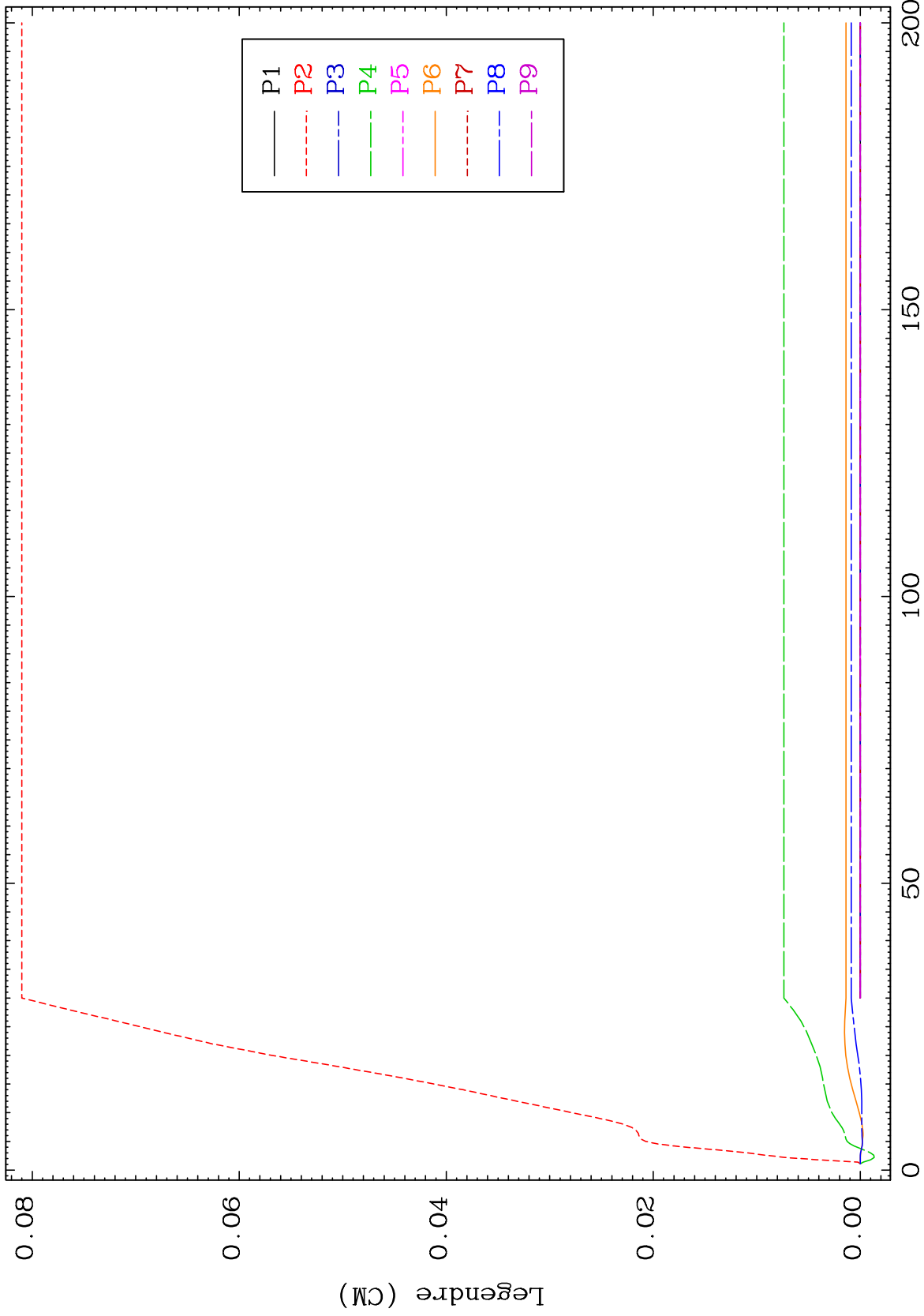
53-I -132

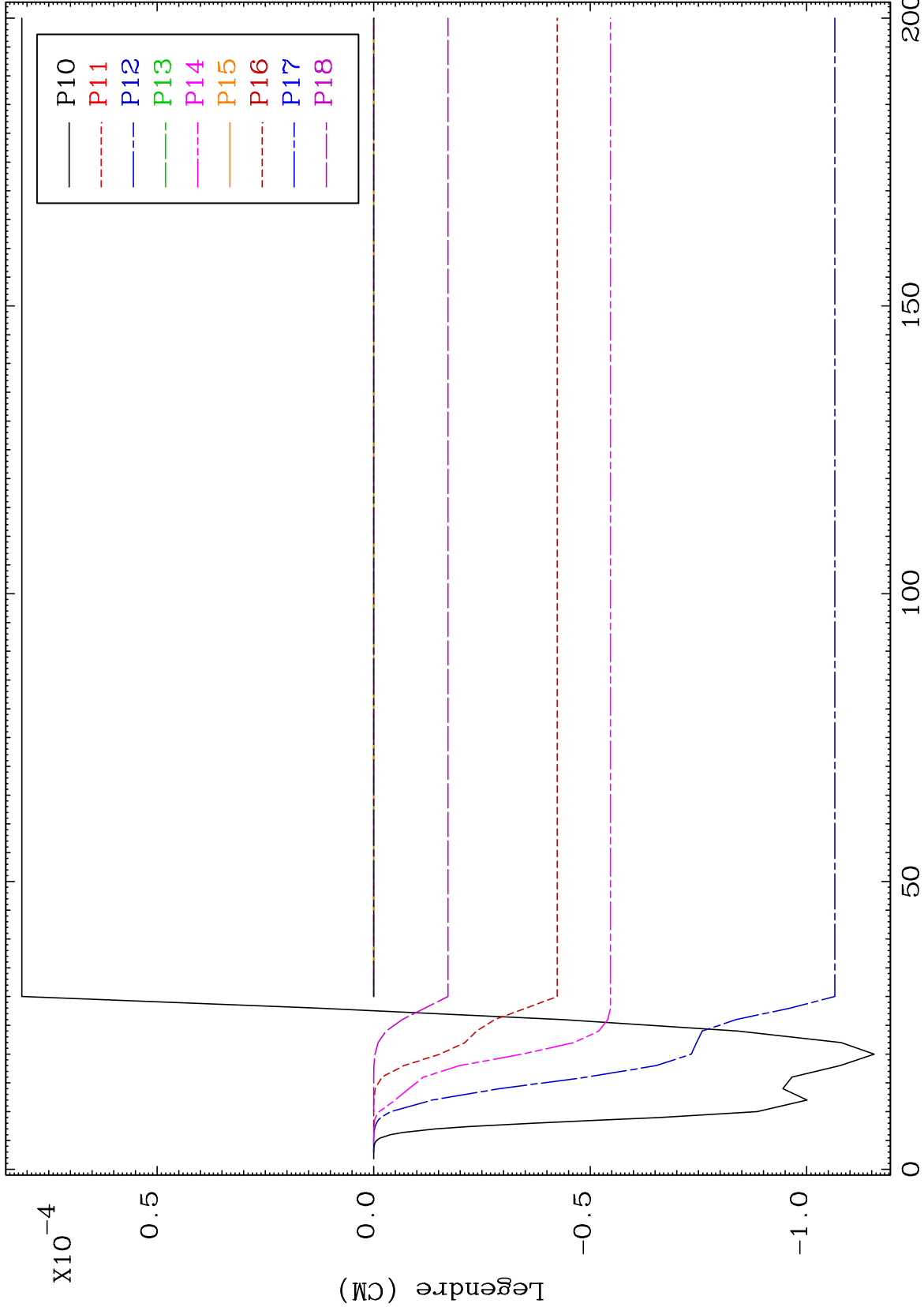
Incident Energy (MeV)

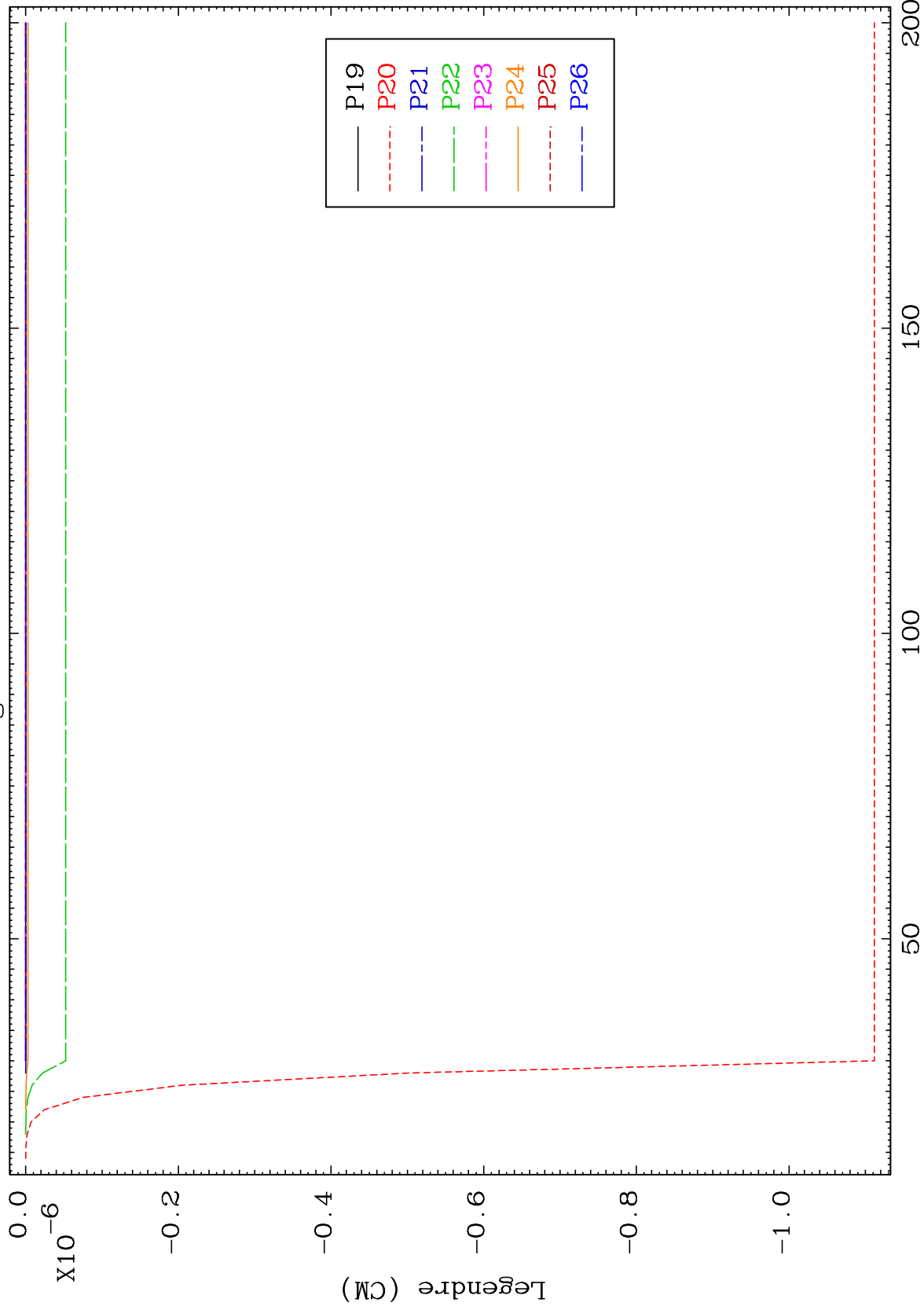


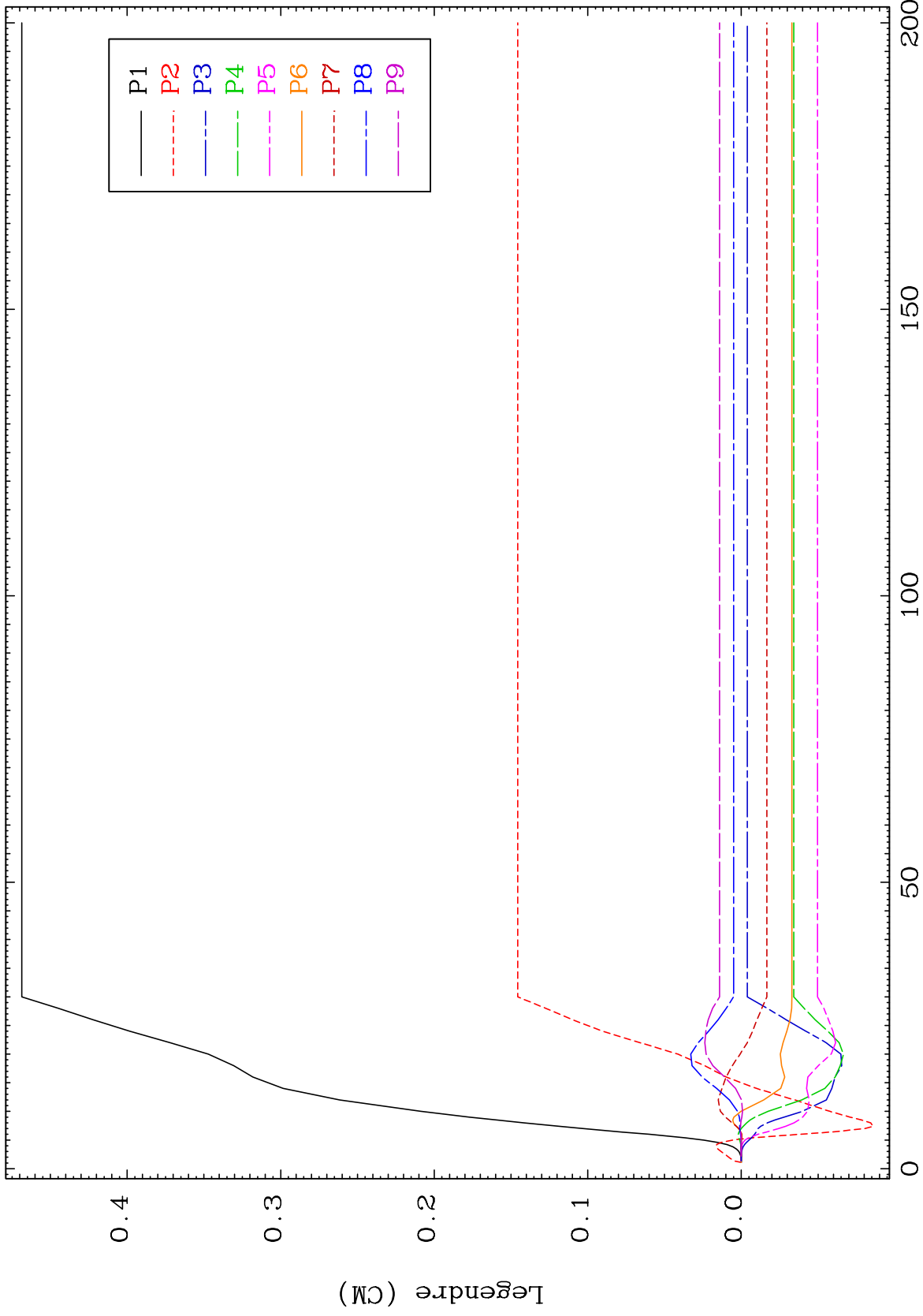


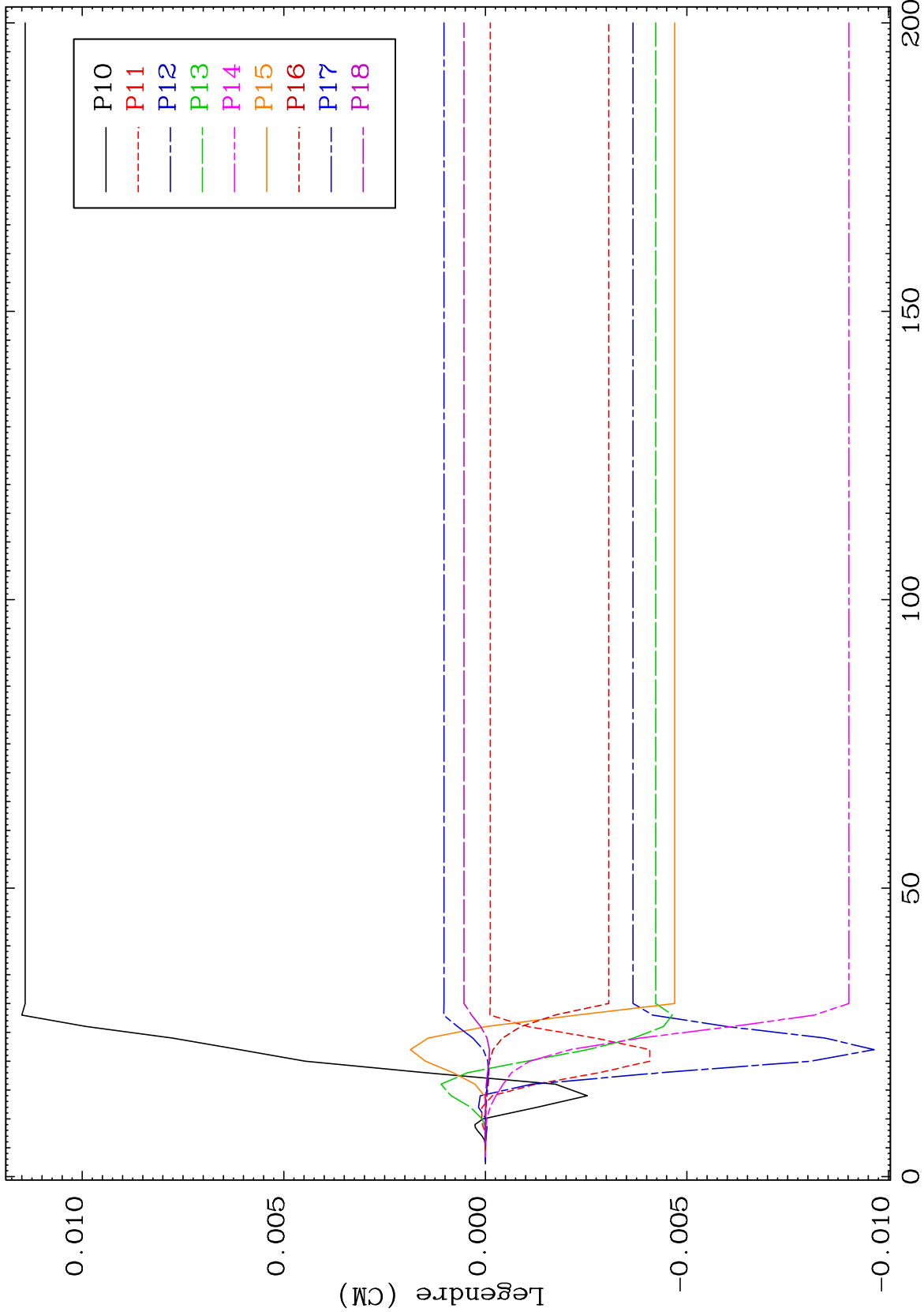


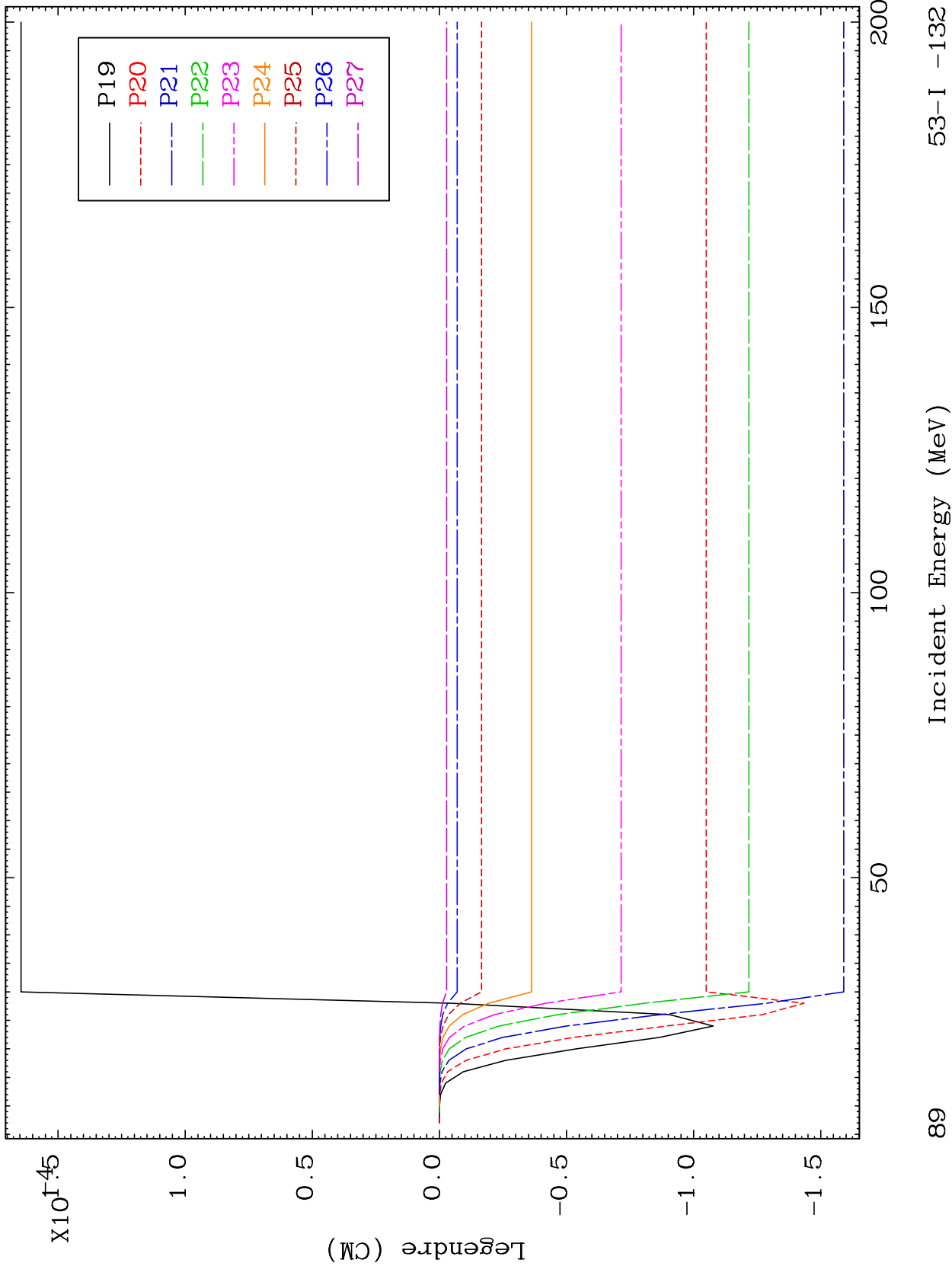


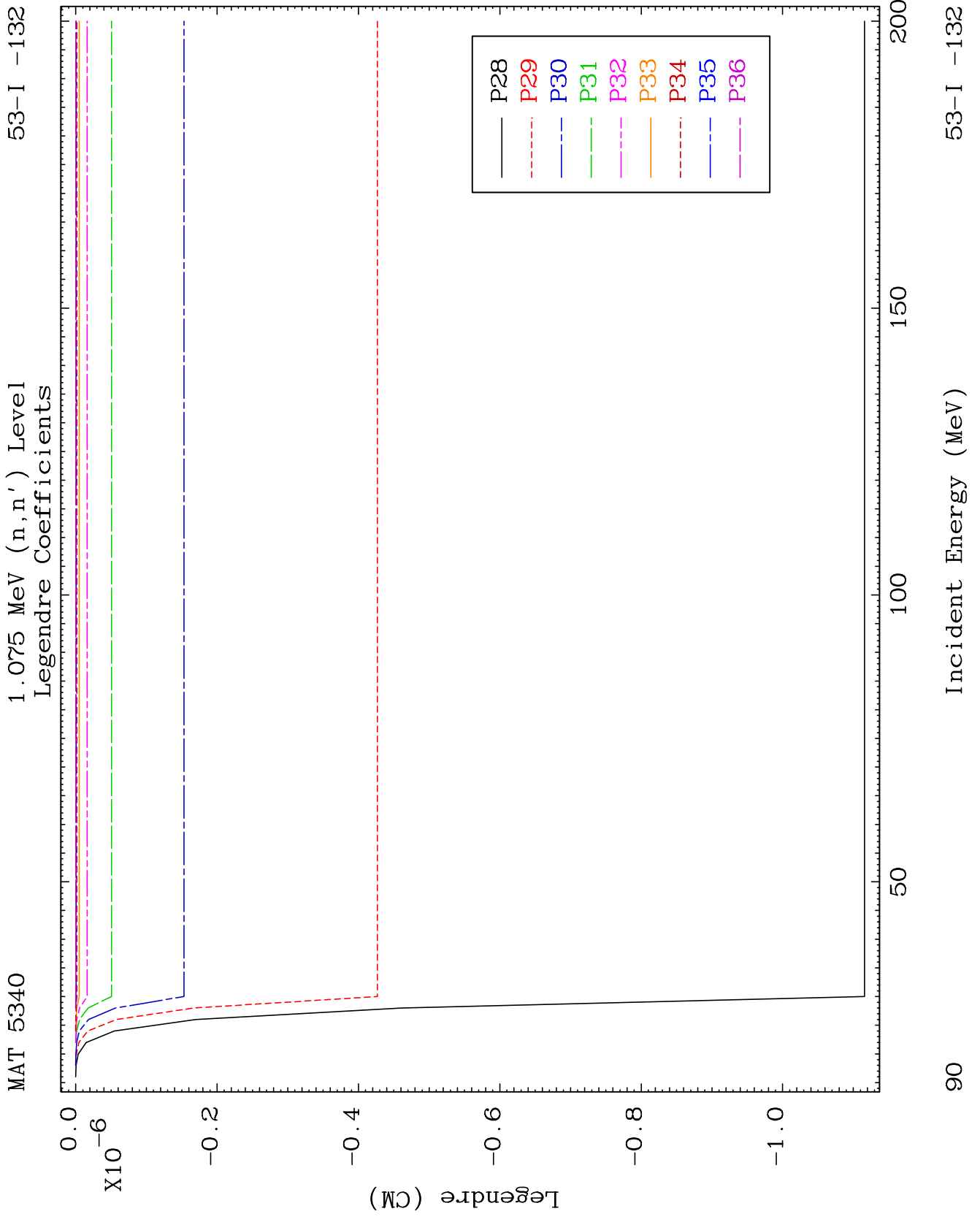


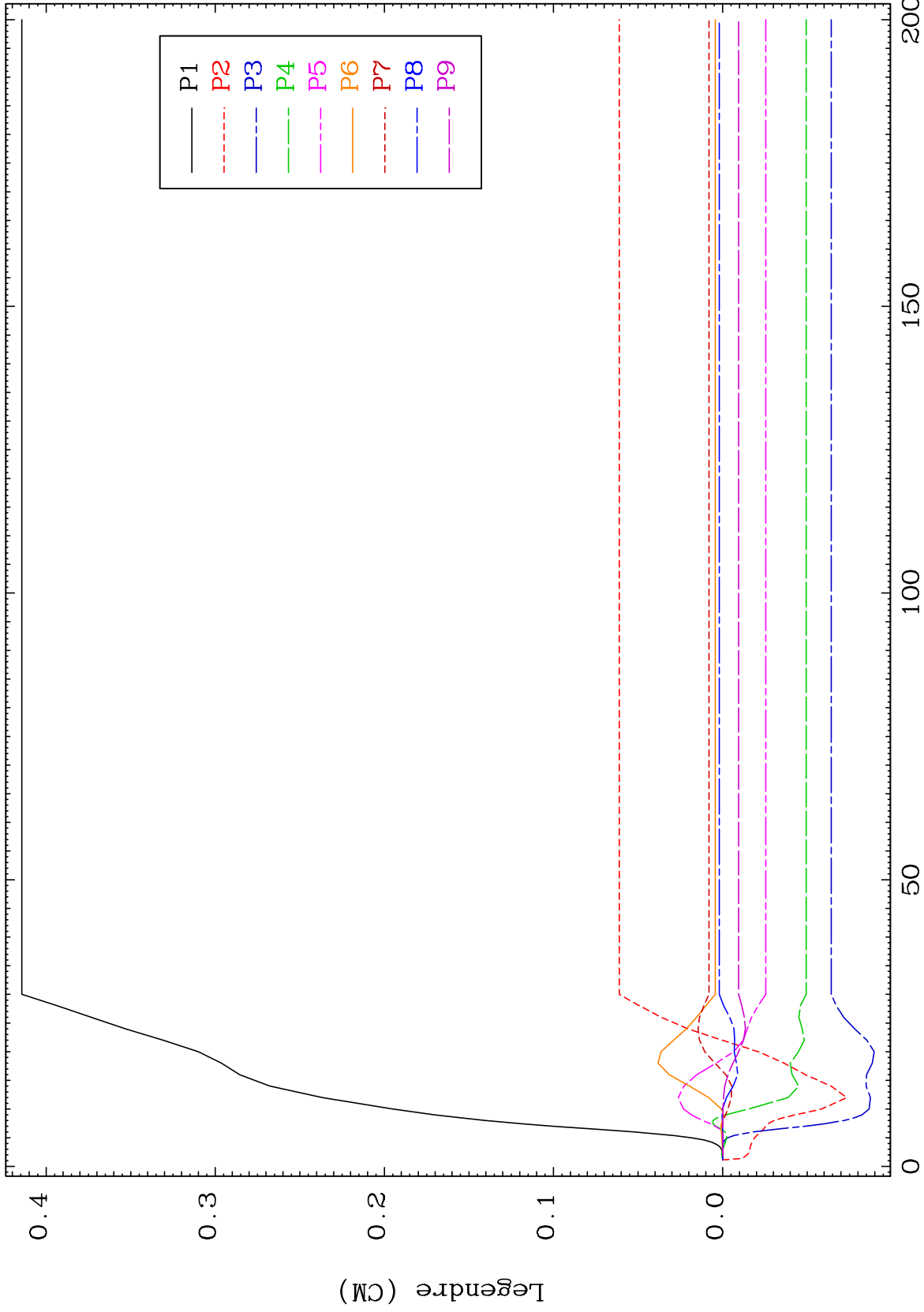








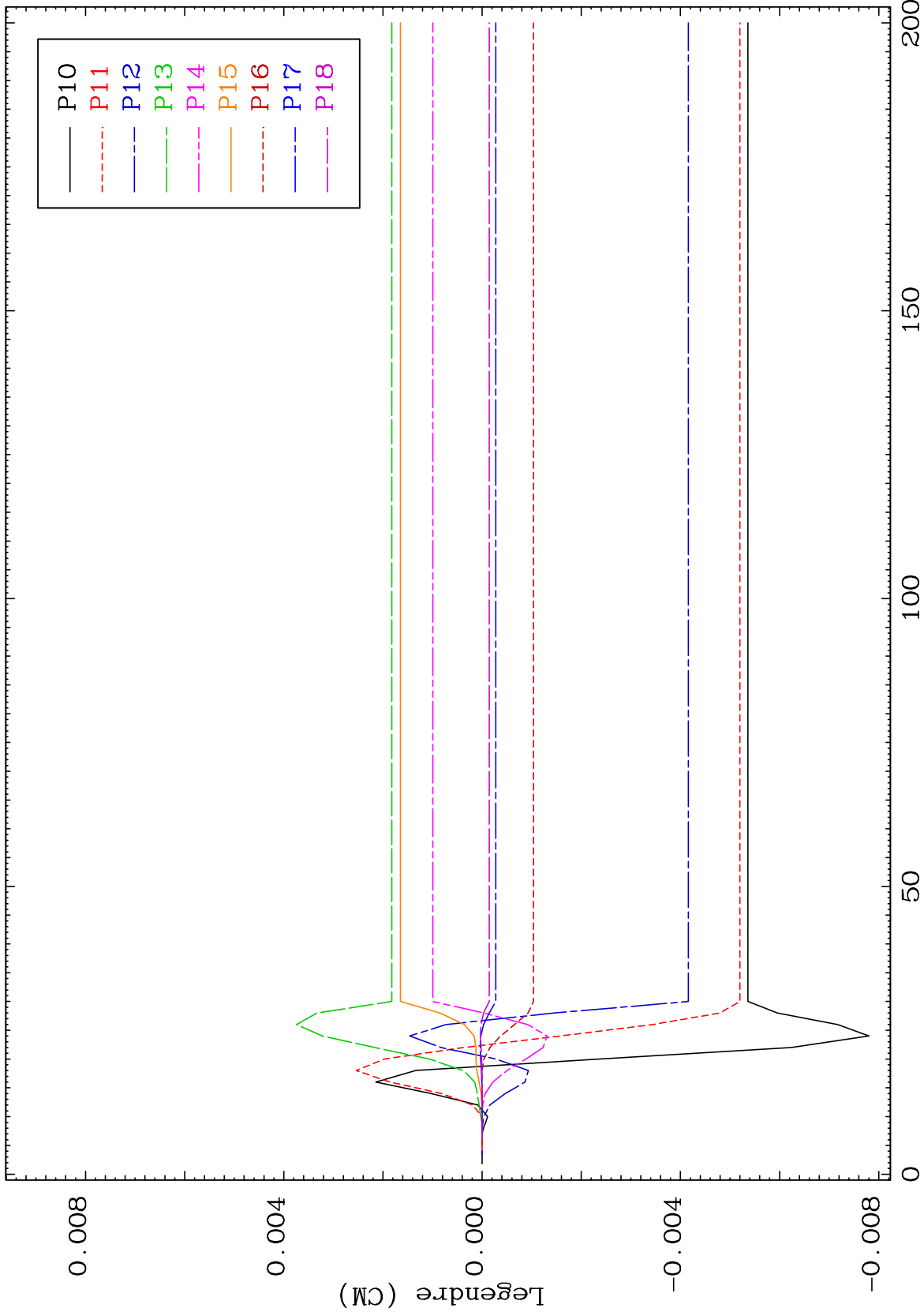




MAT 5340

1.108 MeV (n,n') Level
Legendre Coefficients

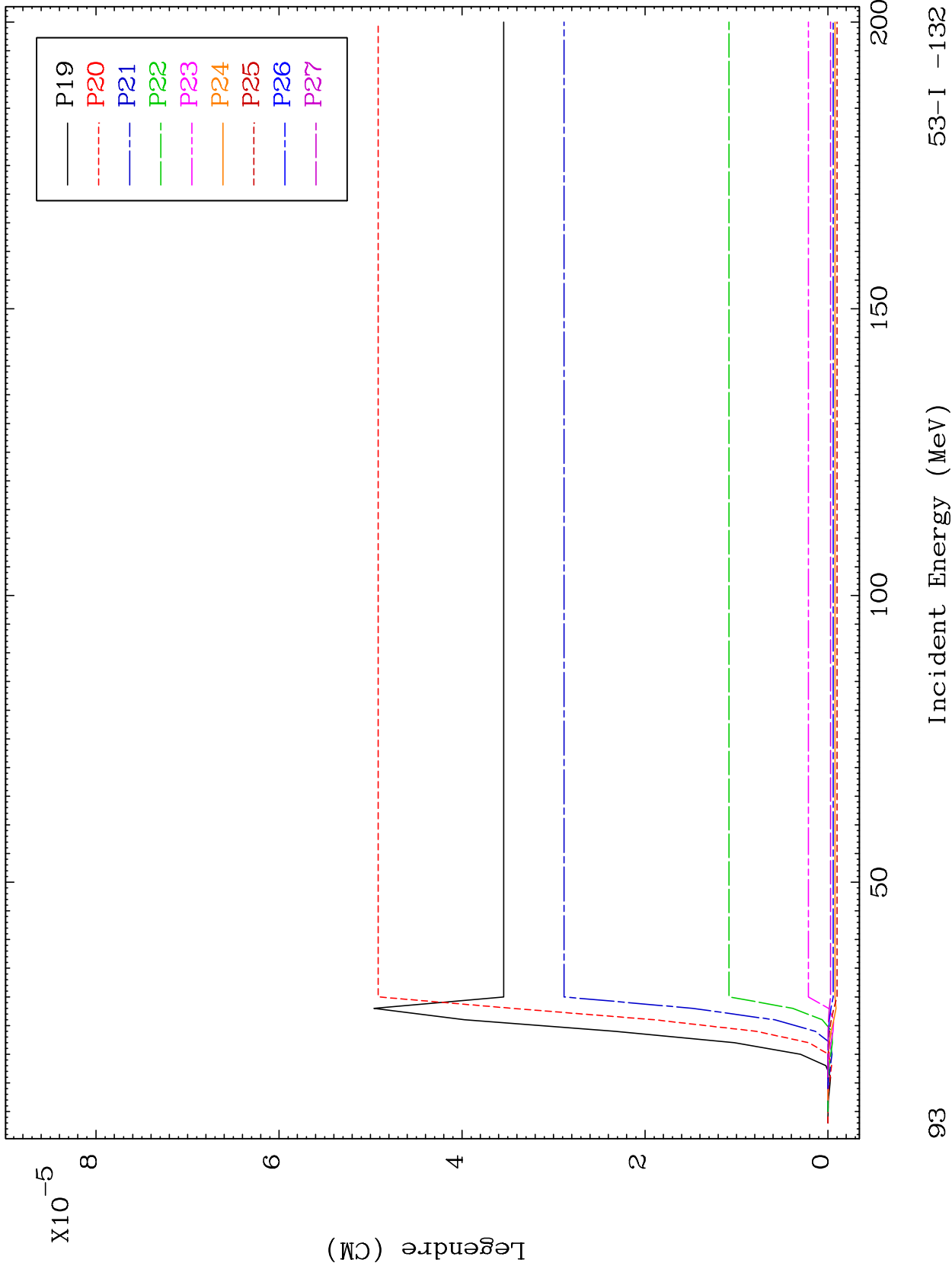
53-I -132

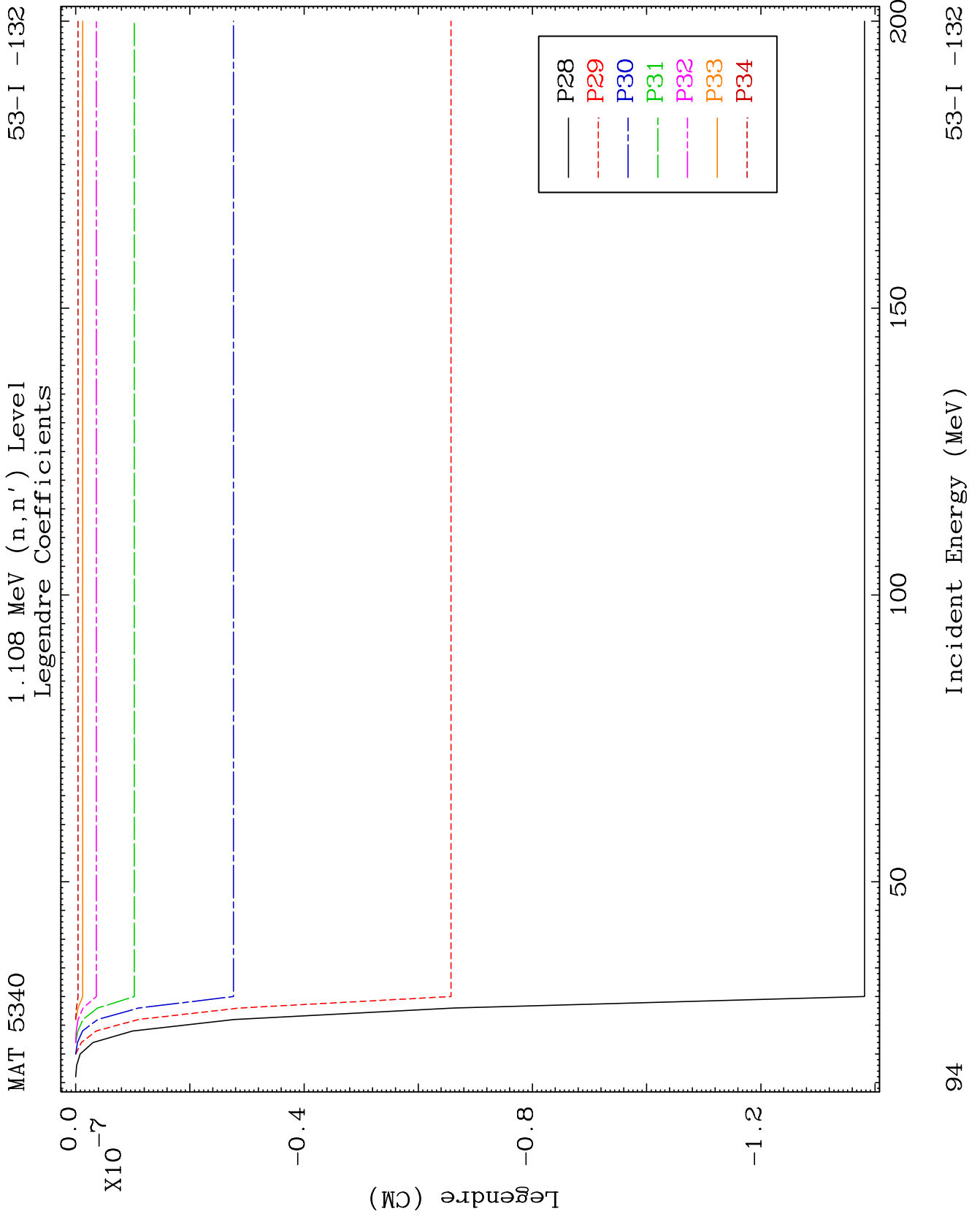


92

Incident Energy (MeV)

53-I -132

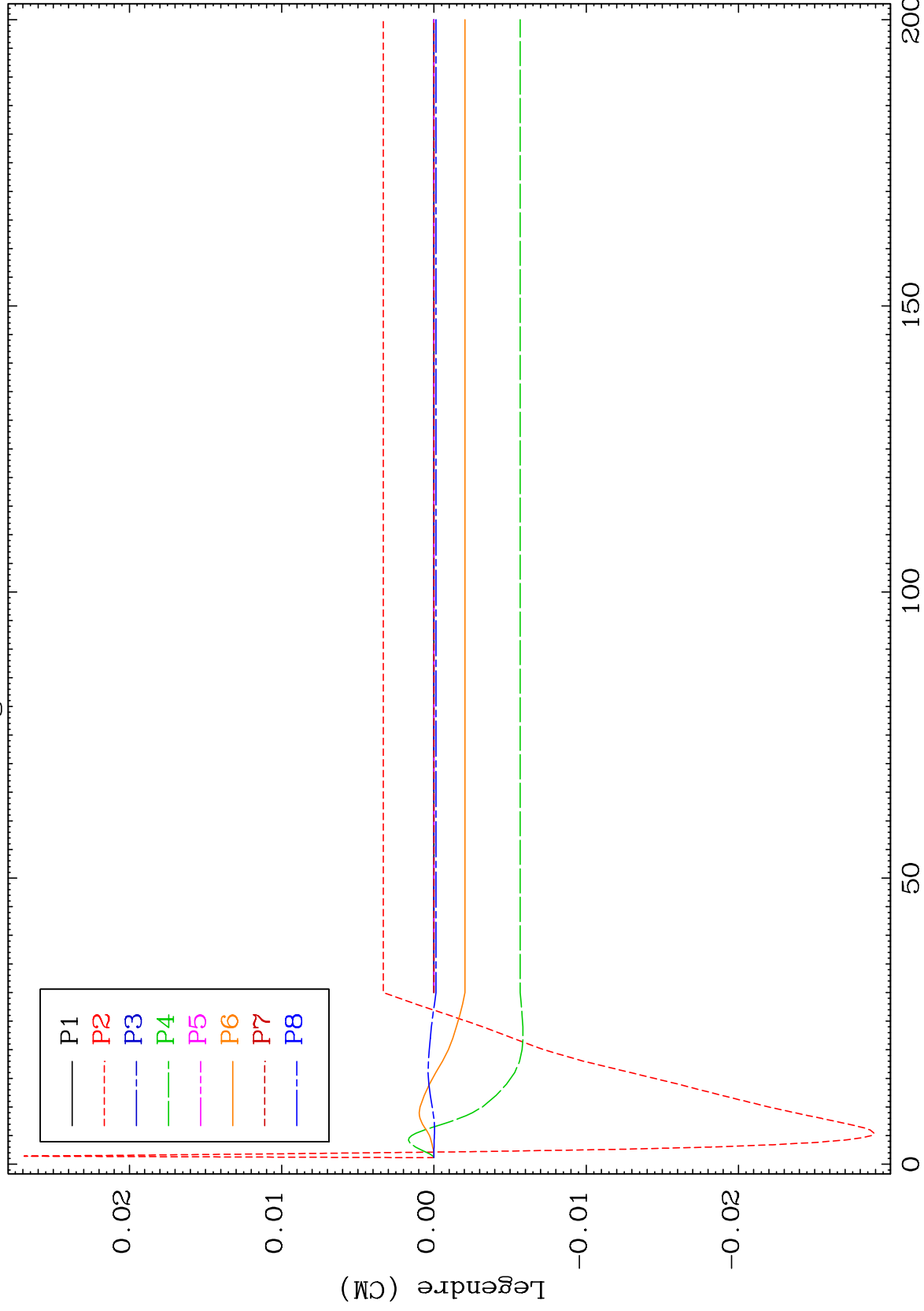




MAT 5340

1.128 MeV (n,n') Level
Legendre Coefficients

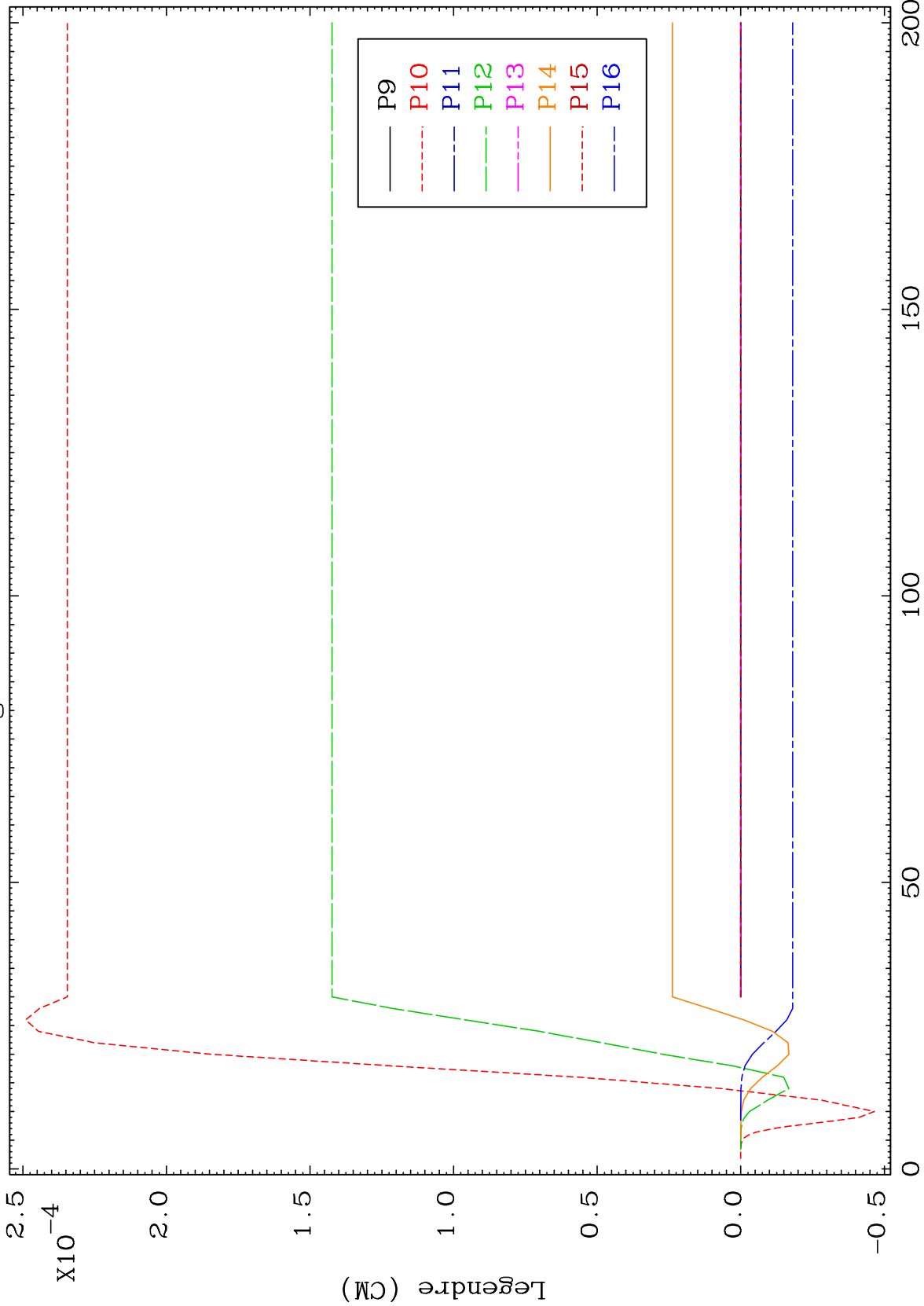
53-I -132



95

Incident Energy (MeV)

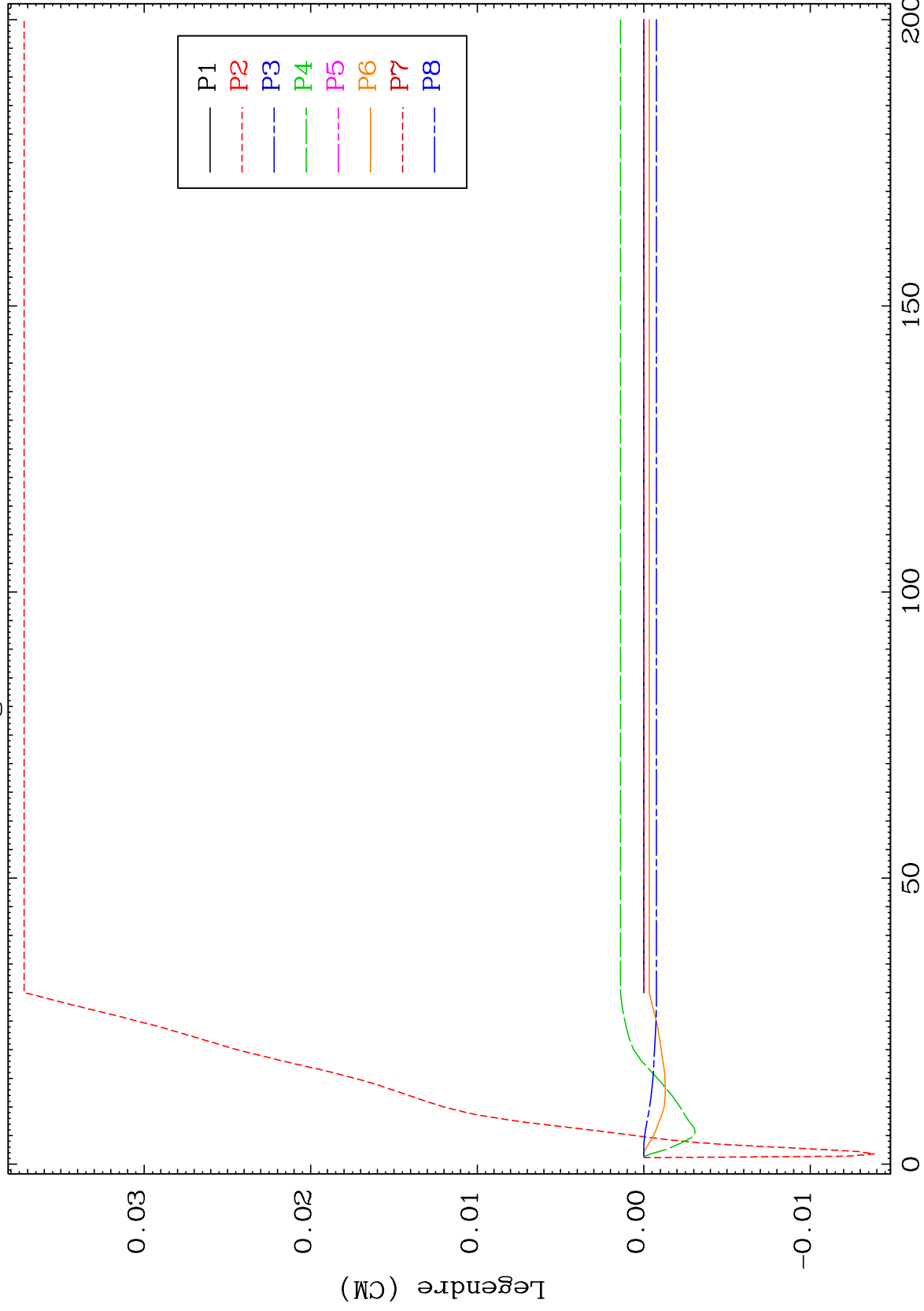
53-I -132



MAT 5340

1.132 MeV (n,n') Level
Legendre Coefficients

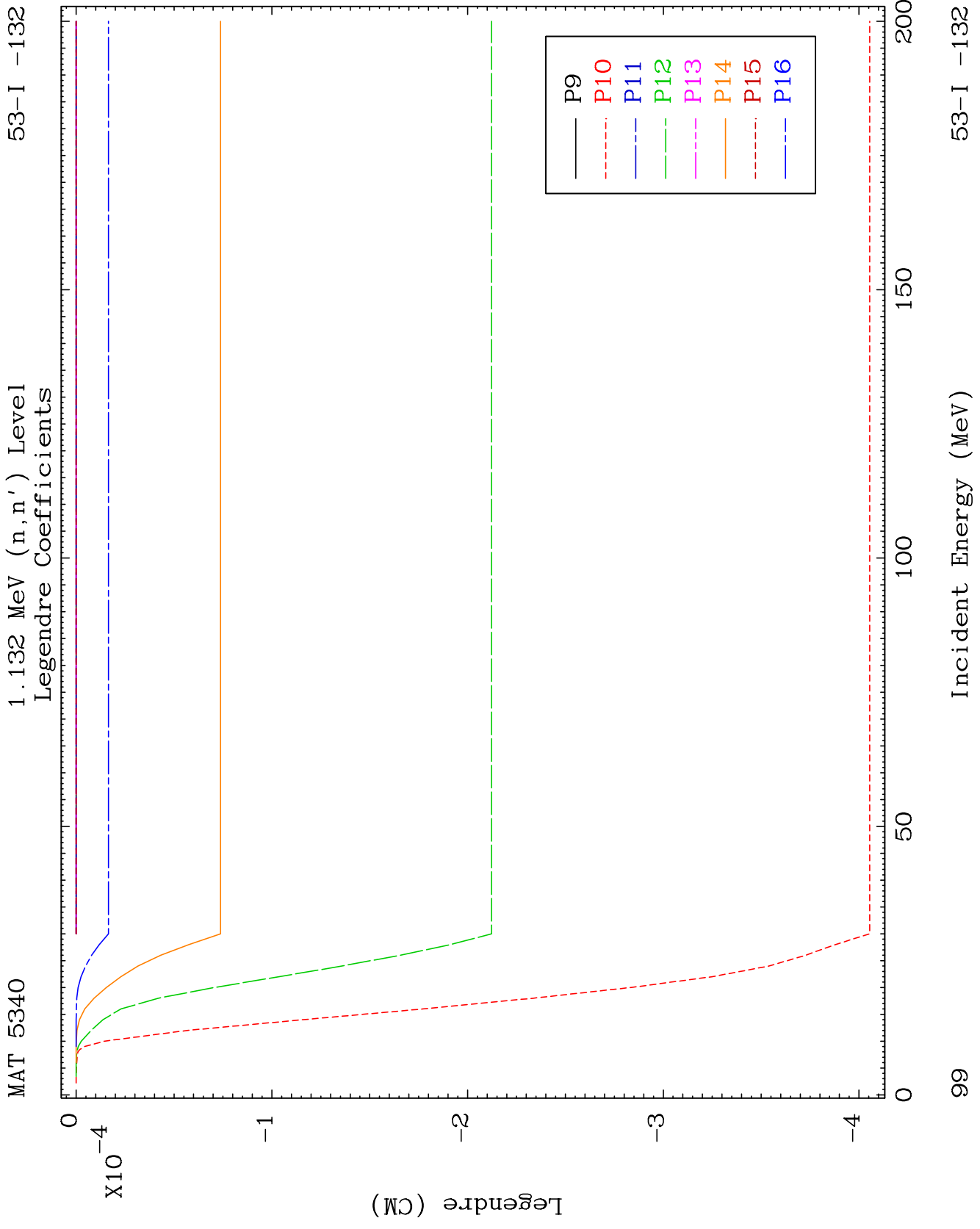
53-I -132

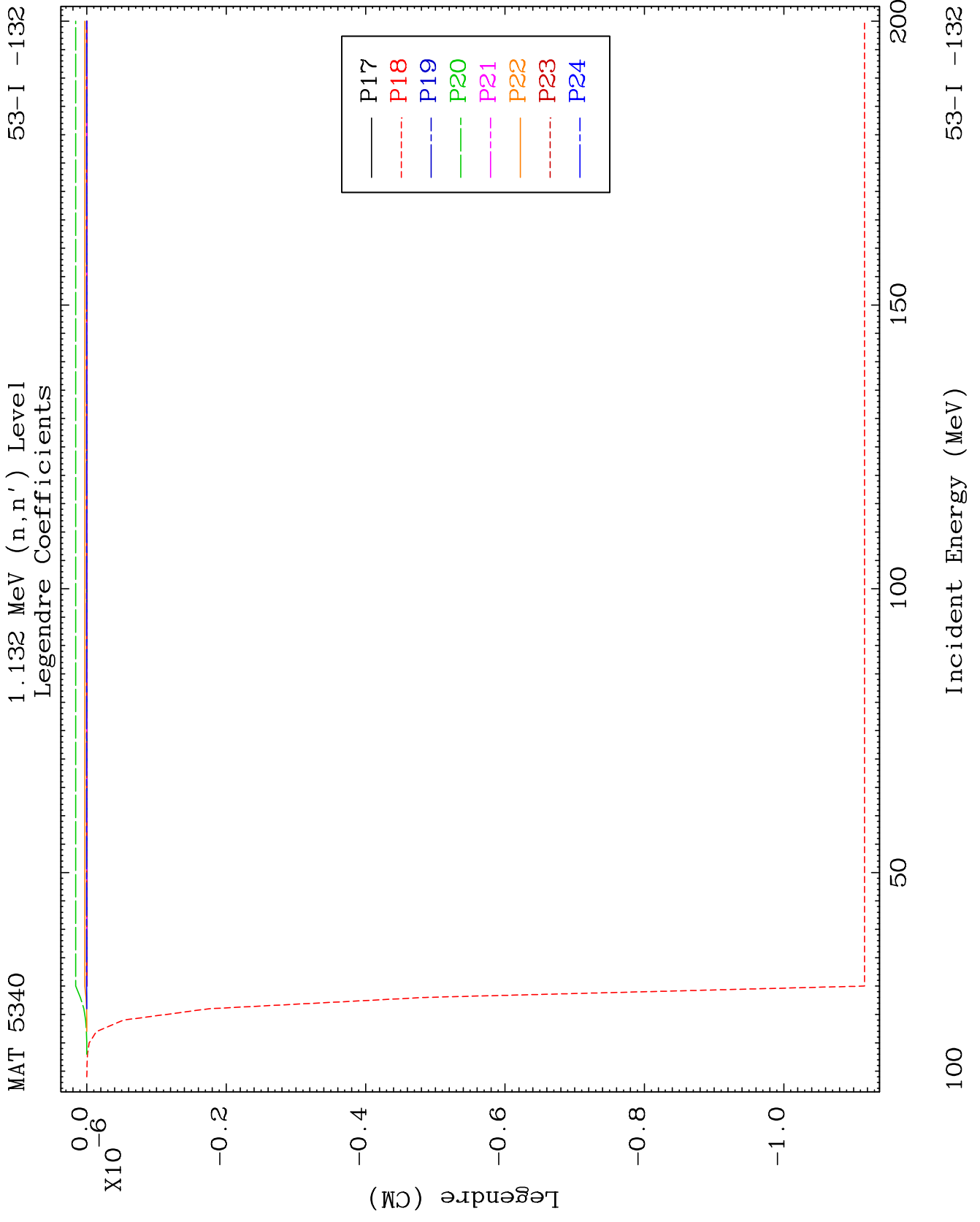


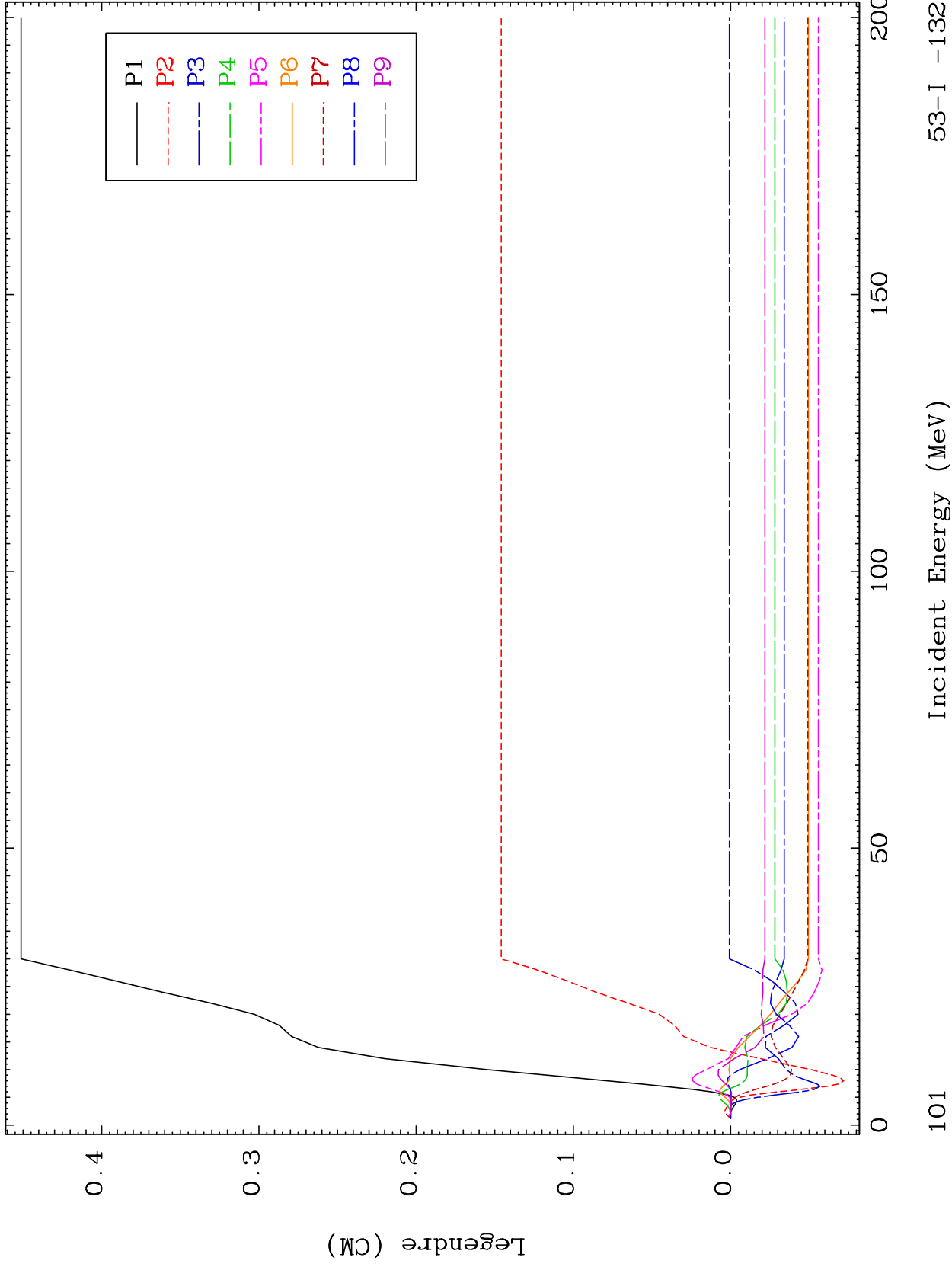
98

Incident Energy (MeV)

53-I -132



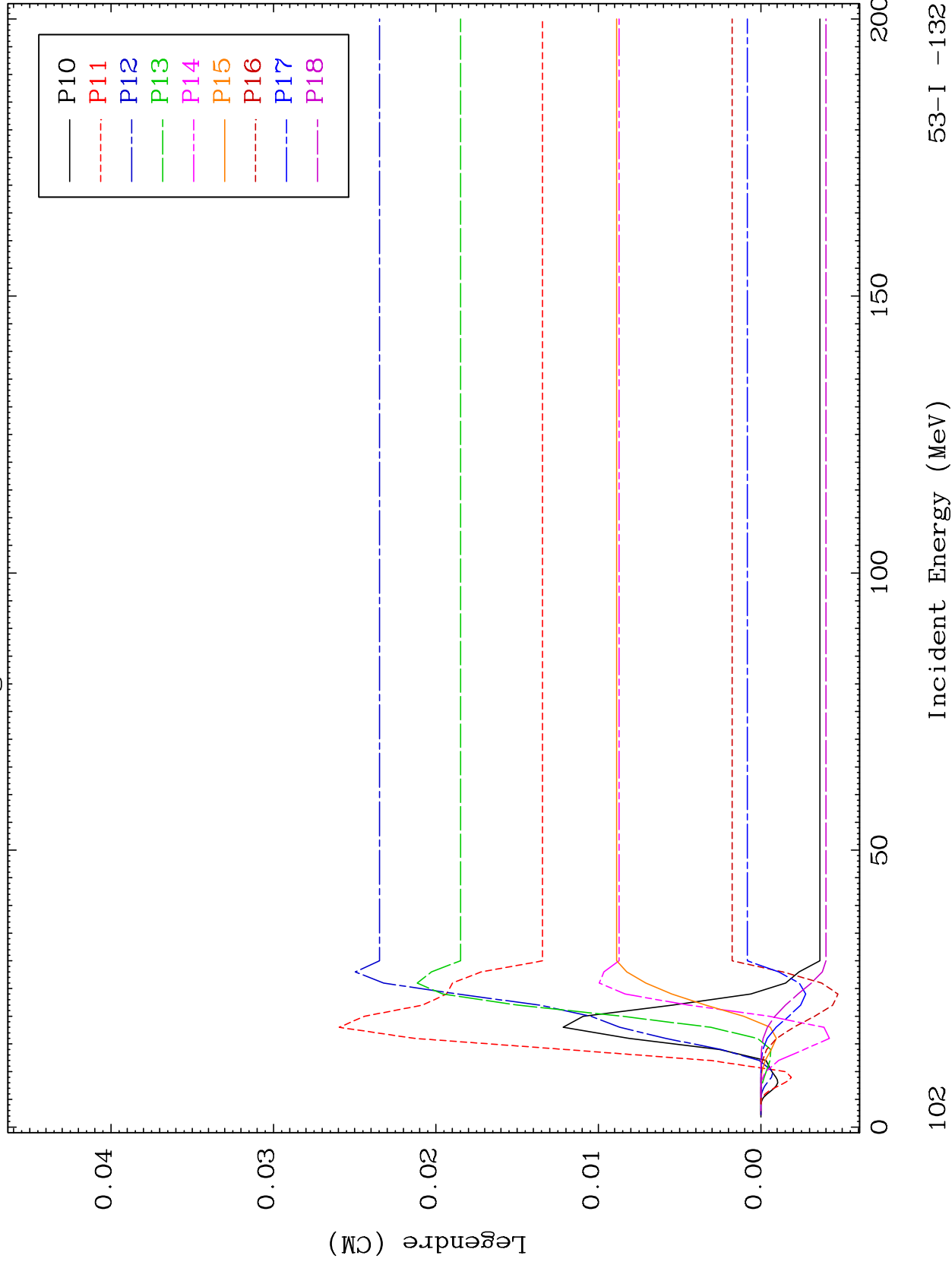




MAT 5340

1.136 MeV (n,n') Level
Legendre Coefficients

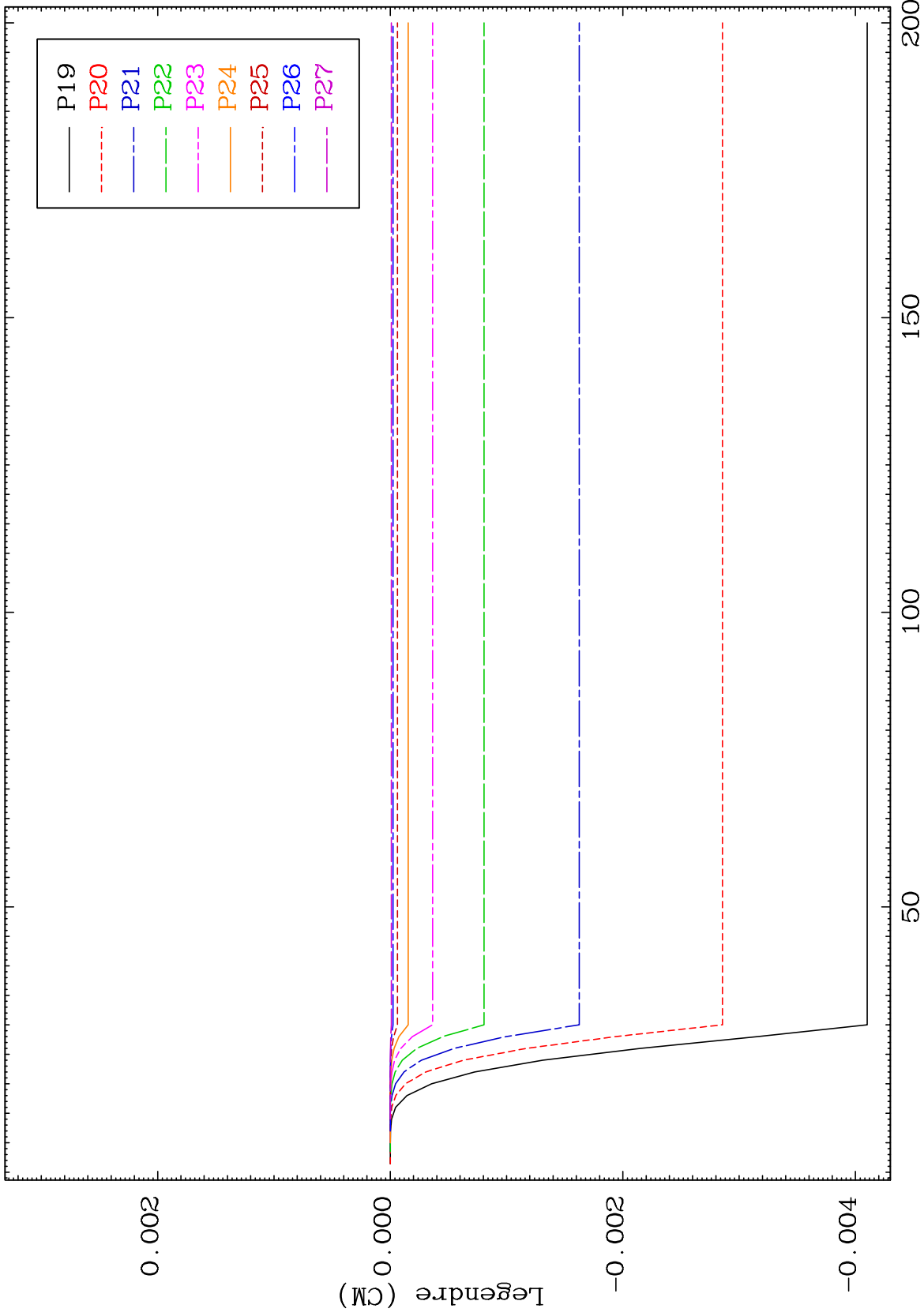
53-I -132

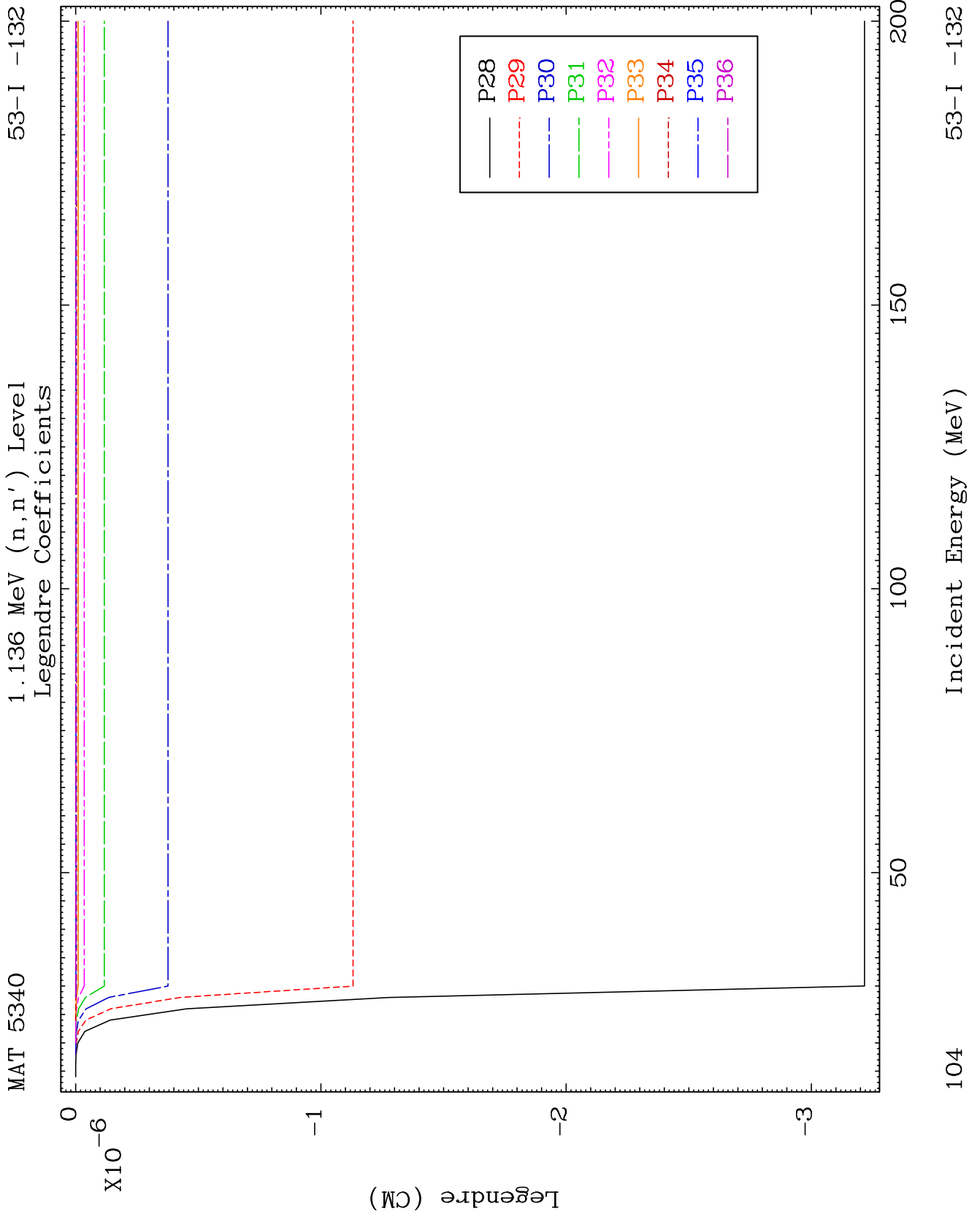


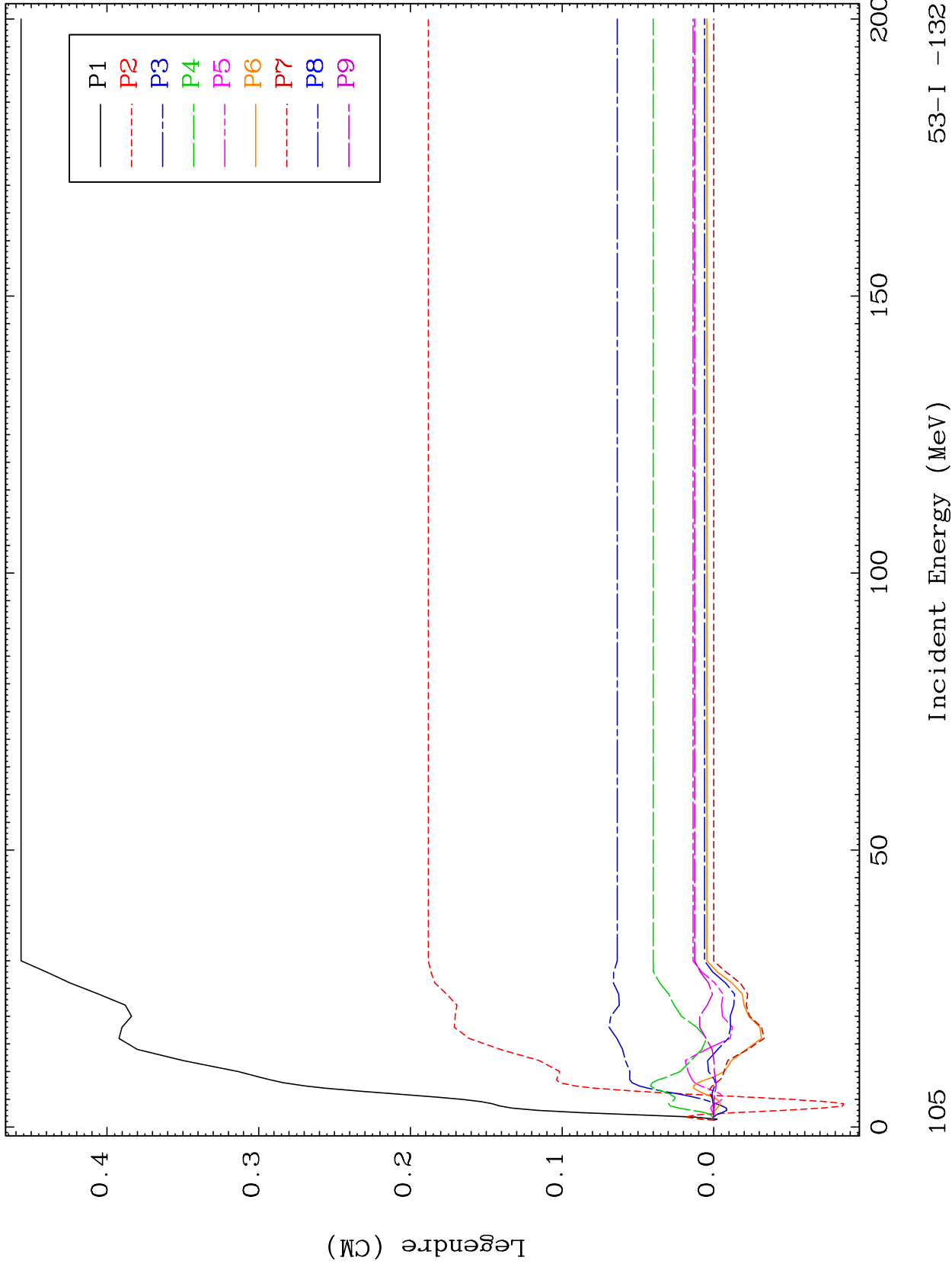
53-I -132

Incident Energy (MeV)

102



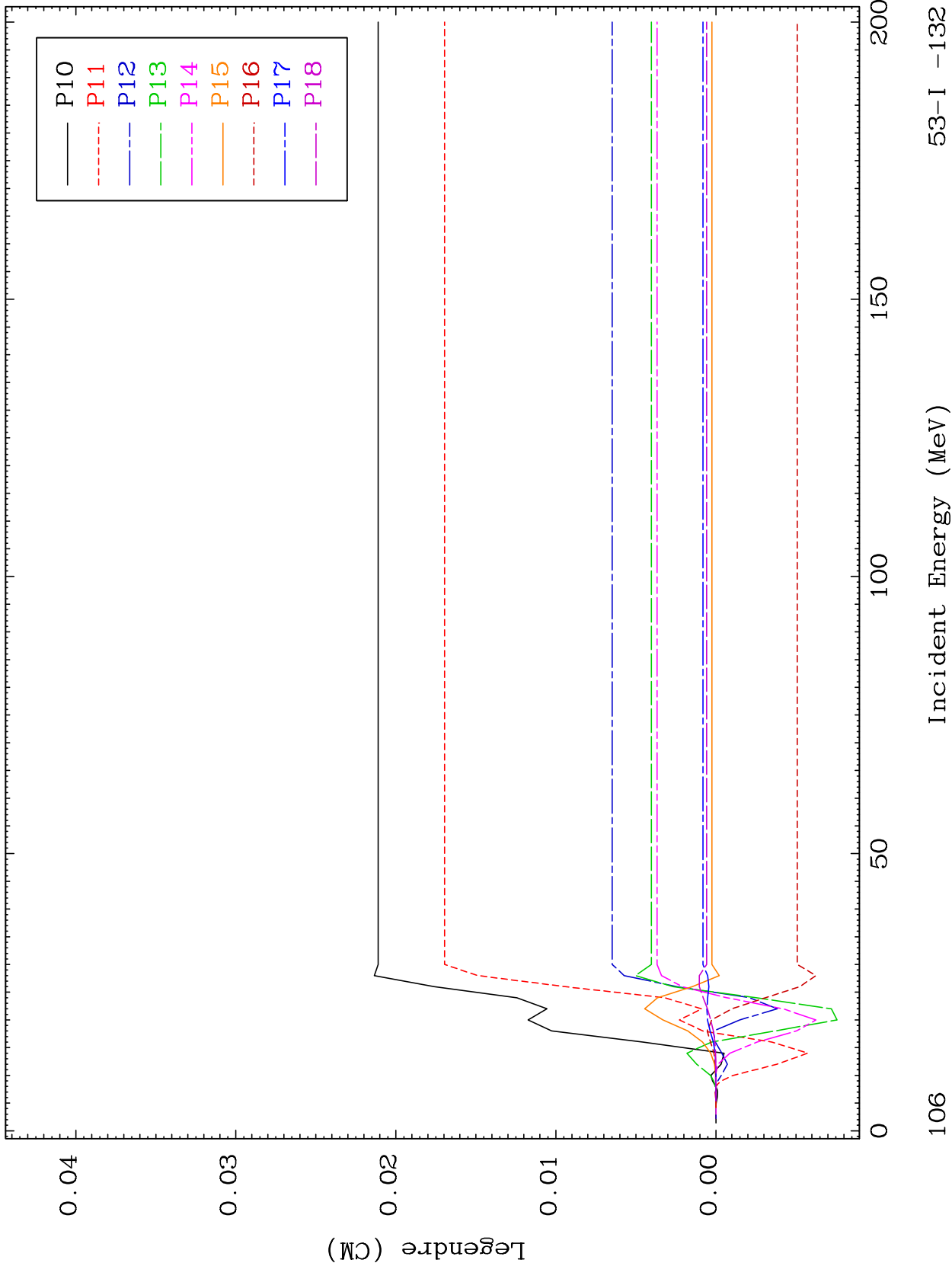




MAT 5340

1.224 MeV (n,n') Level
Legendre Coefficients

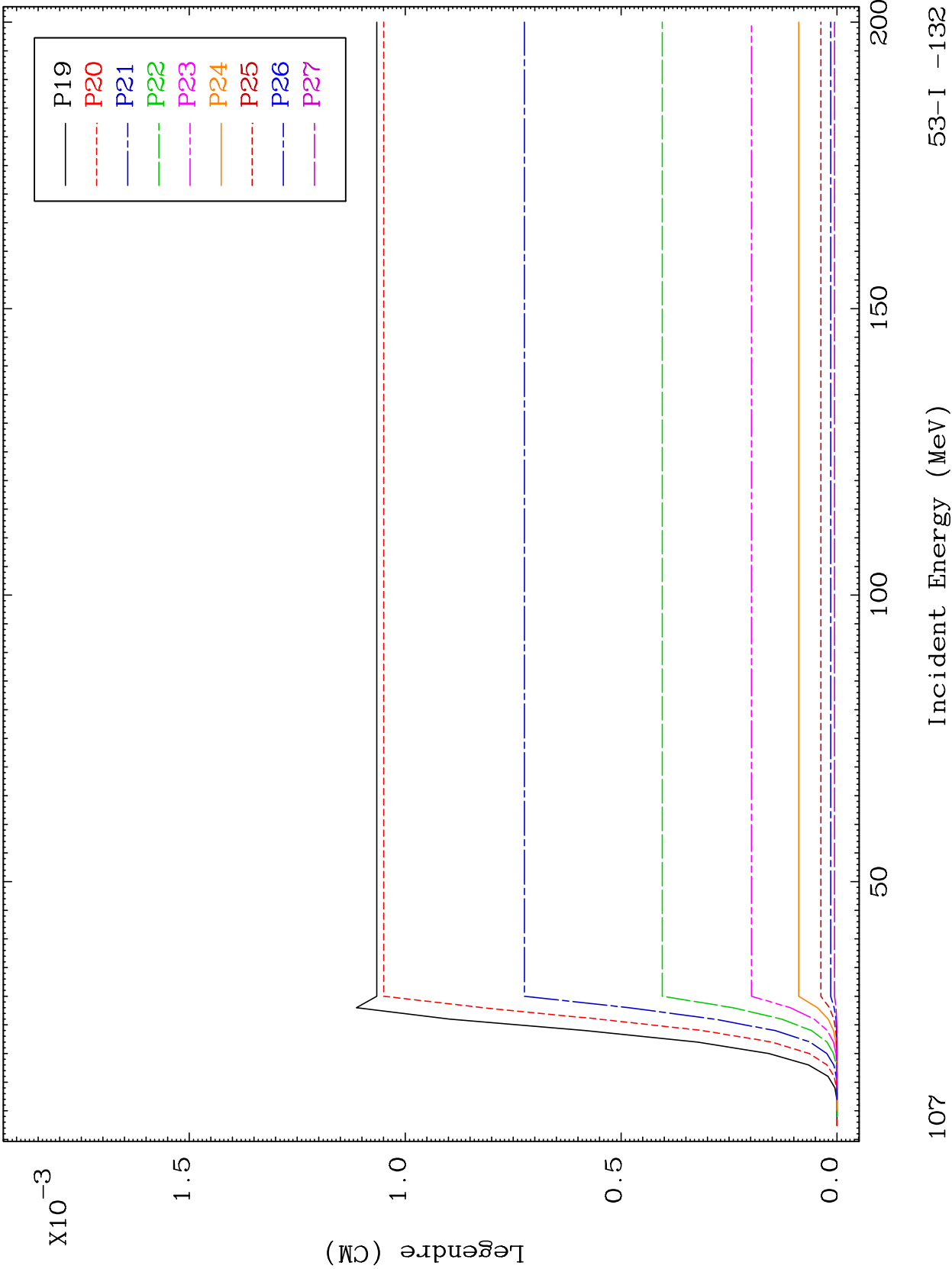
53-I -132

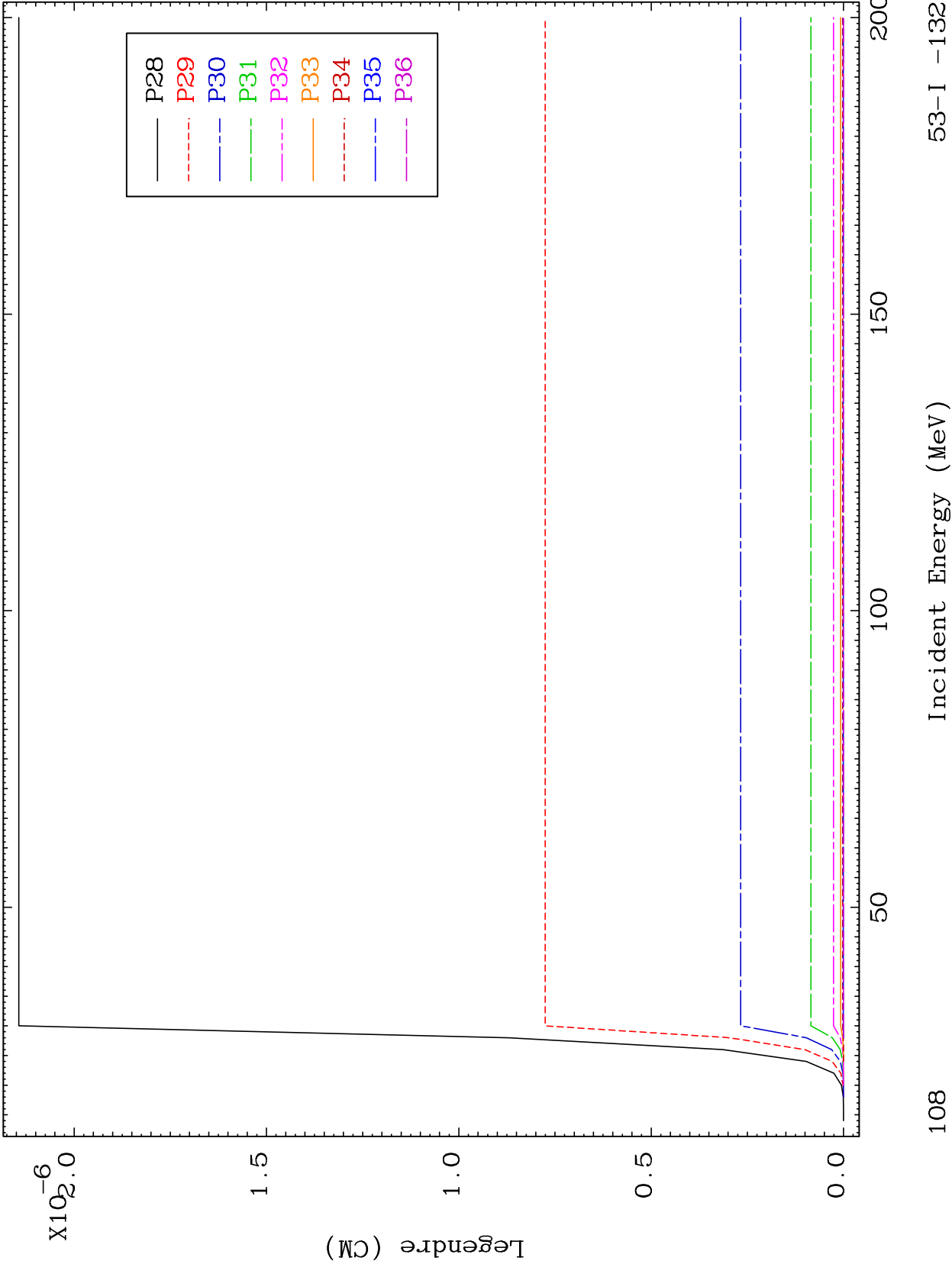


53-I -132

Incident Energy (MeV)

106

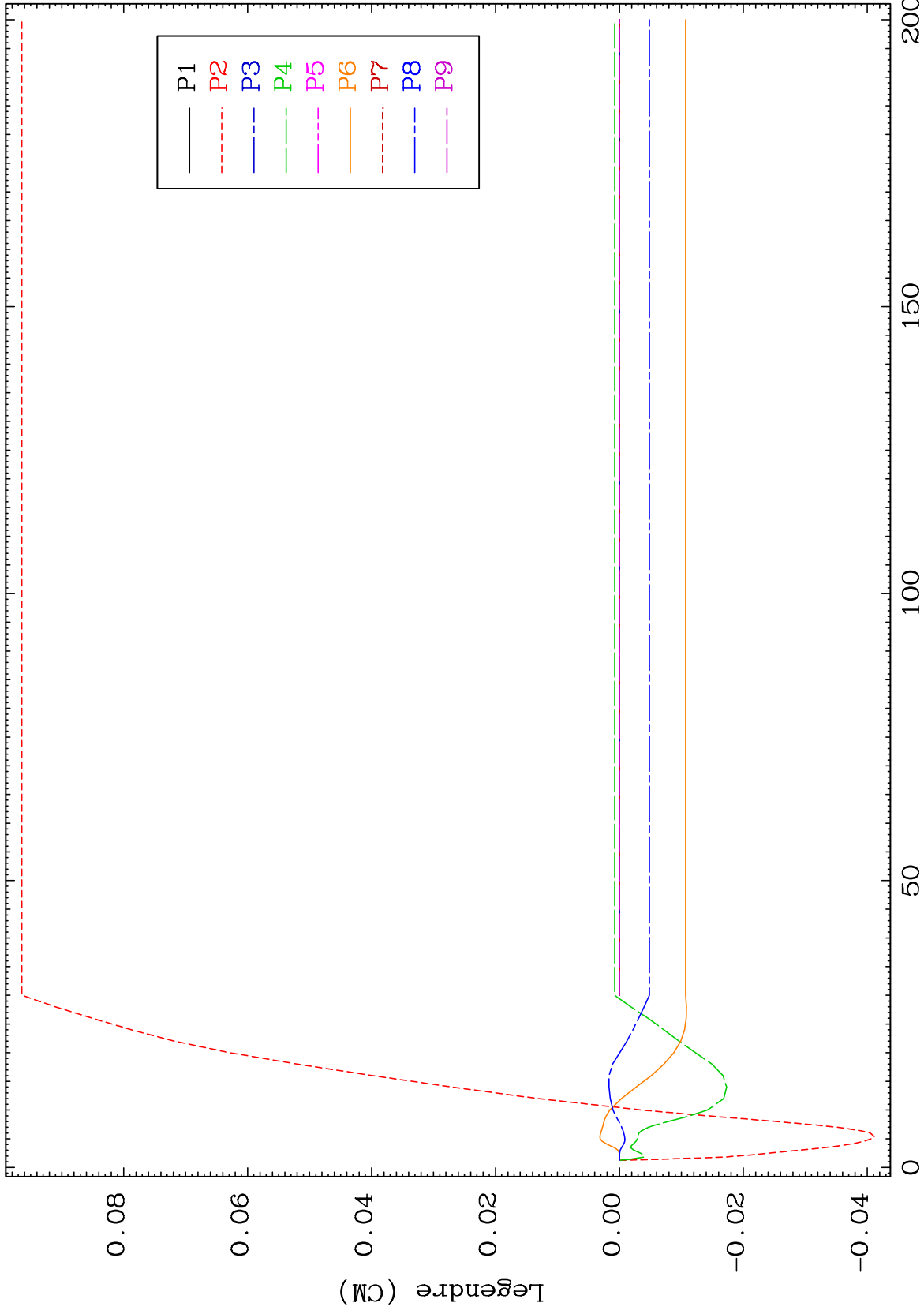




MAT 5340

1.229 MeV (n,n') Level
Legendre Coefficients

53-I -132



53-I -132

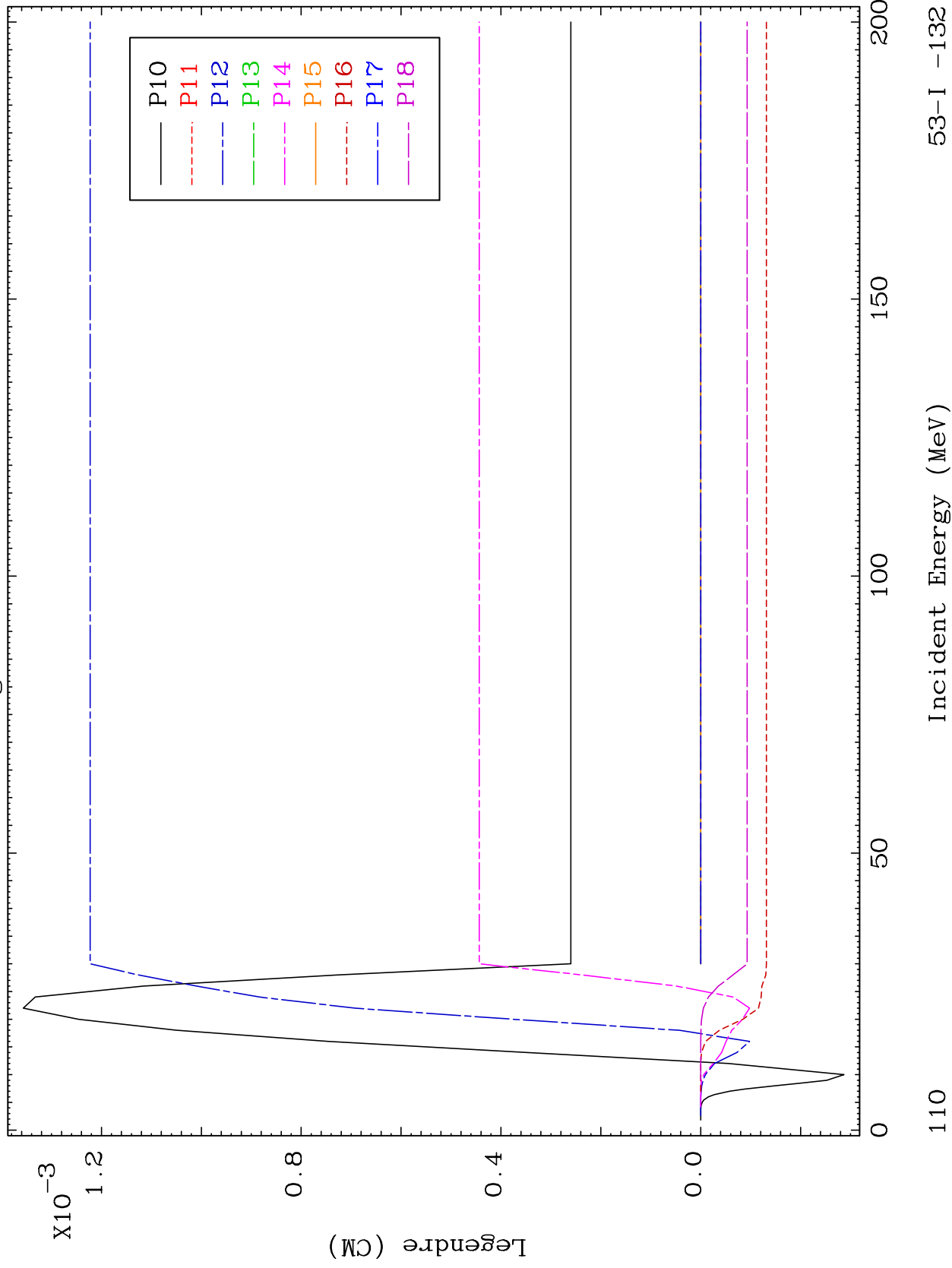
Incident Energy (MeV)

109

MAT 5340

1.229 MeV (n,n') Level
Legendre Coefficients

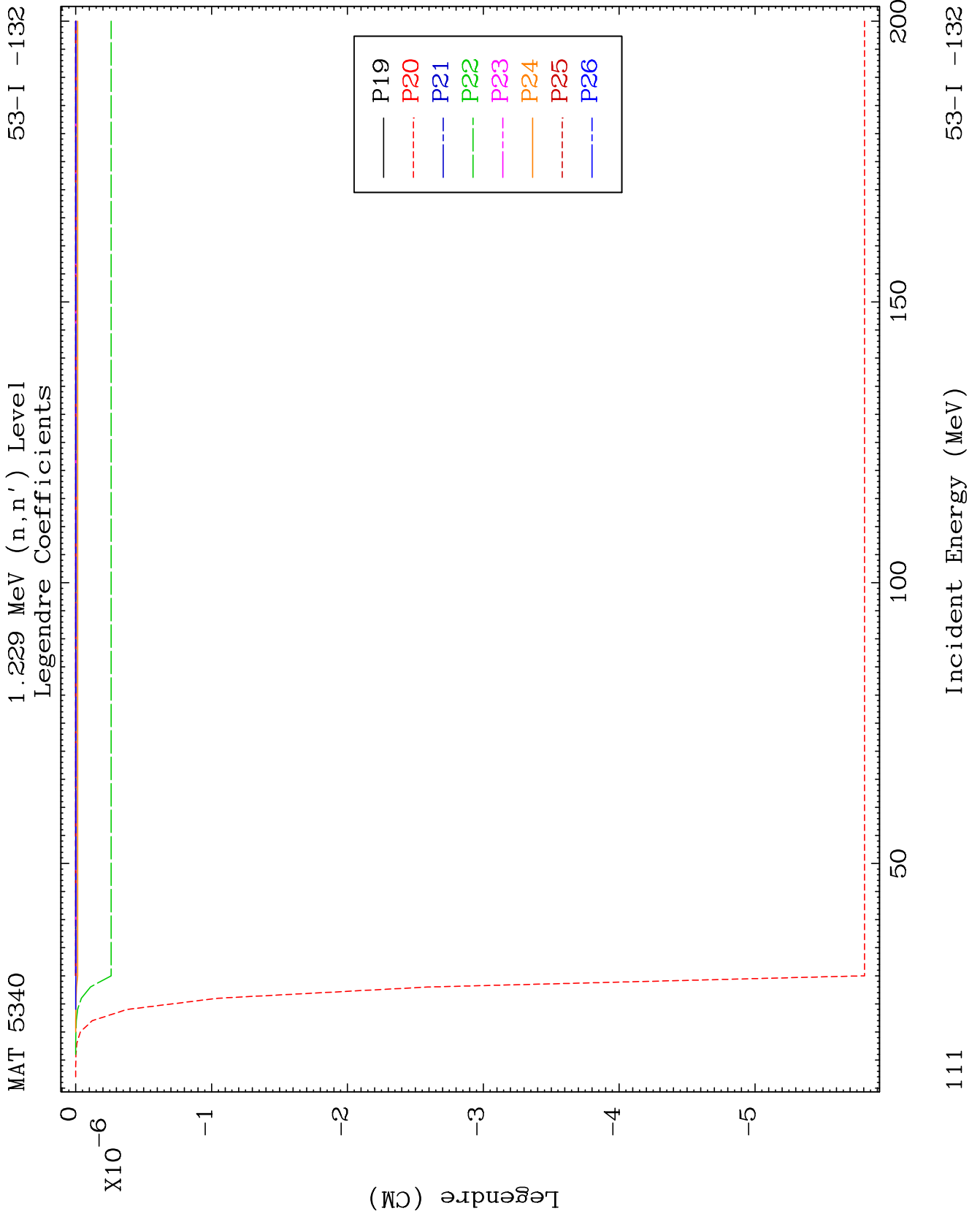
53-I -132

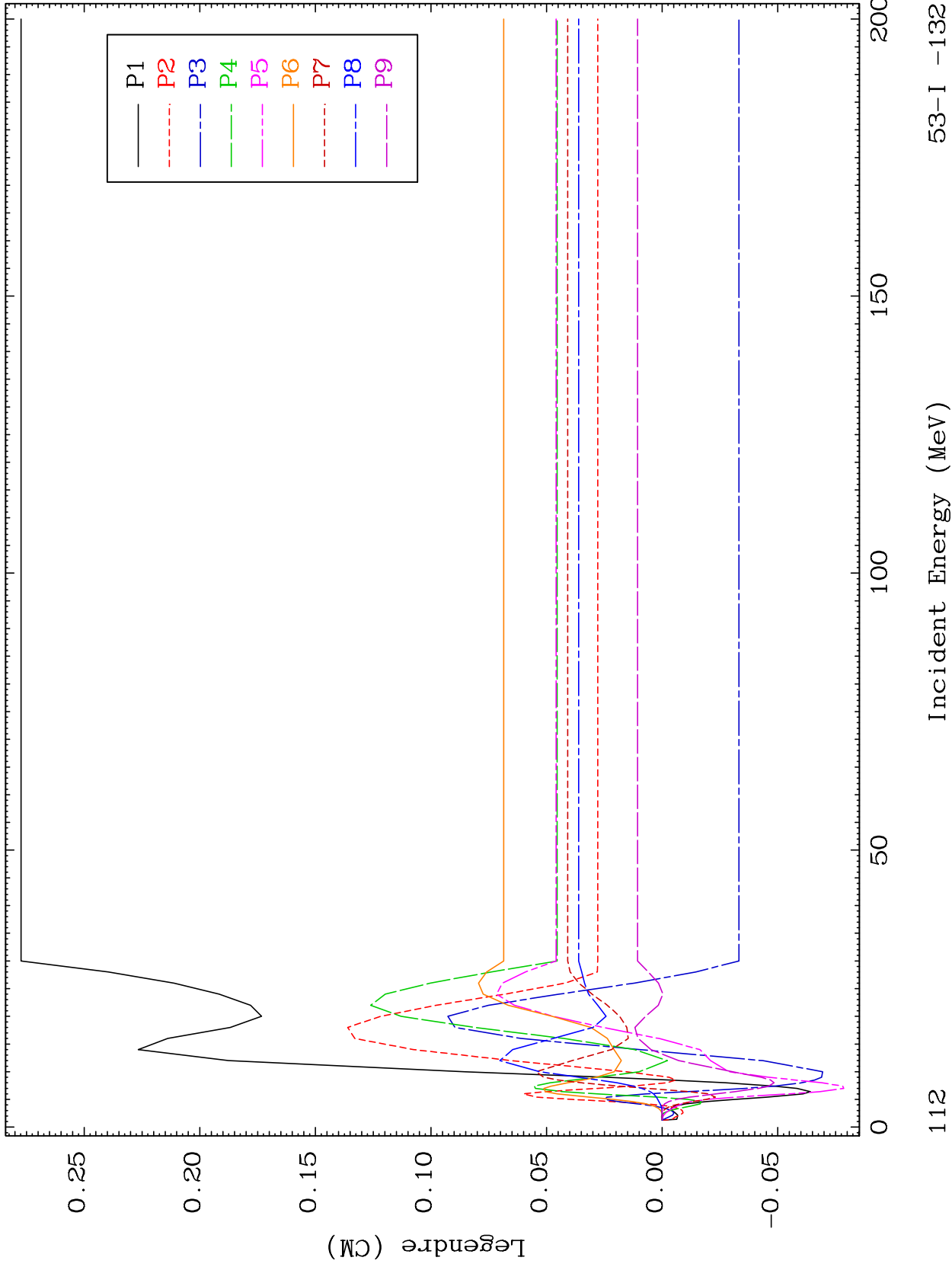


53-I -132

Incident Energy (MeV)

110

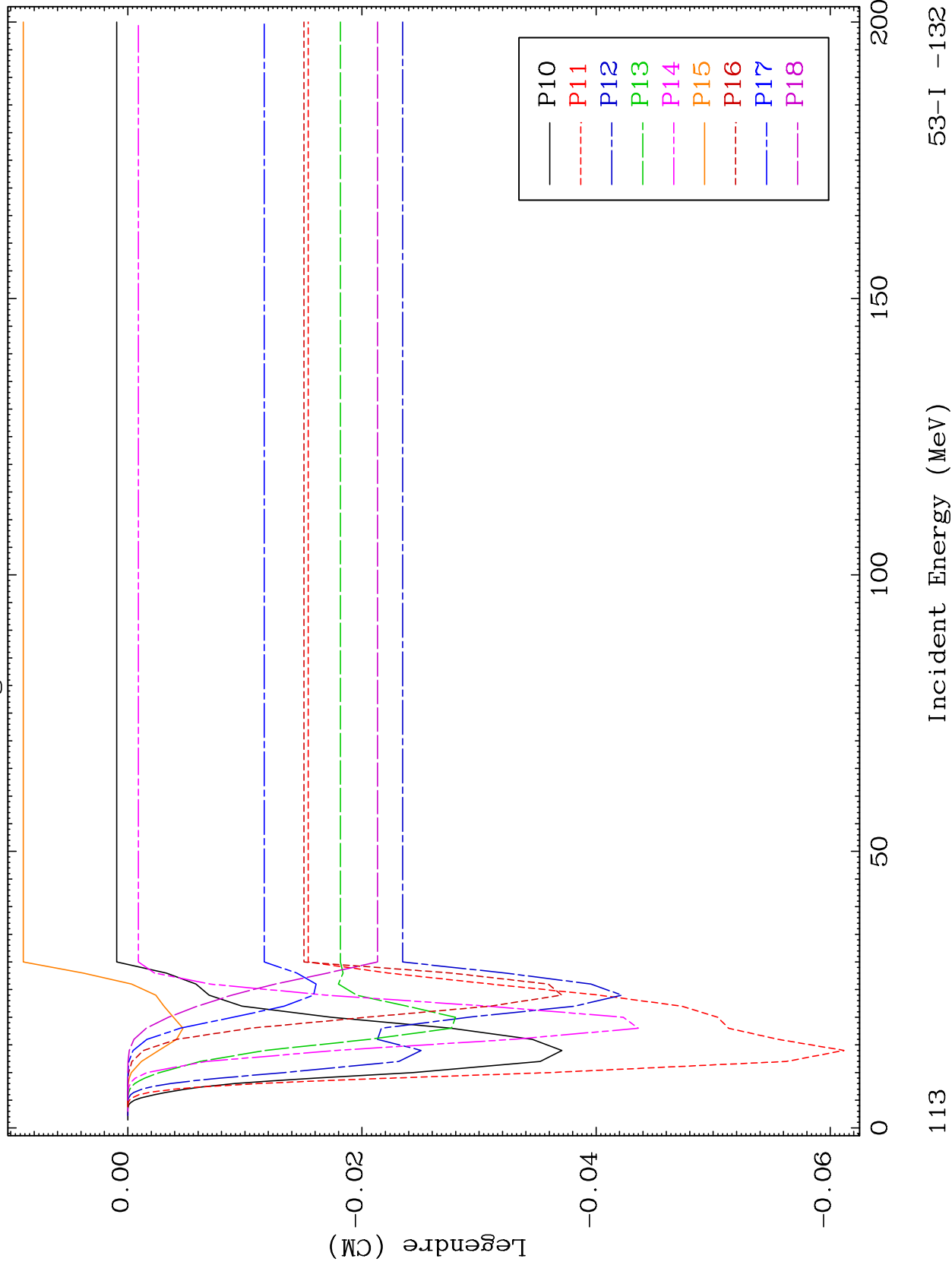




MAT 5340

1.244 MeV (n,n') Level
Legendre Coefficients

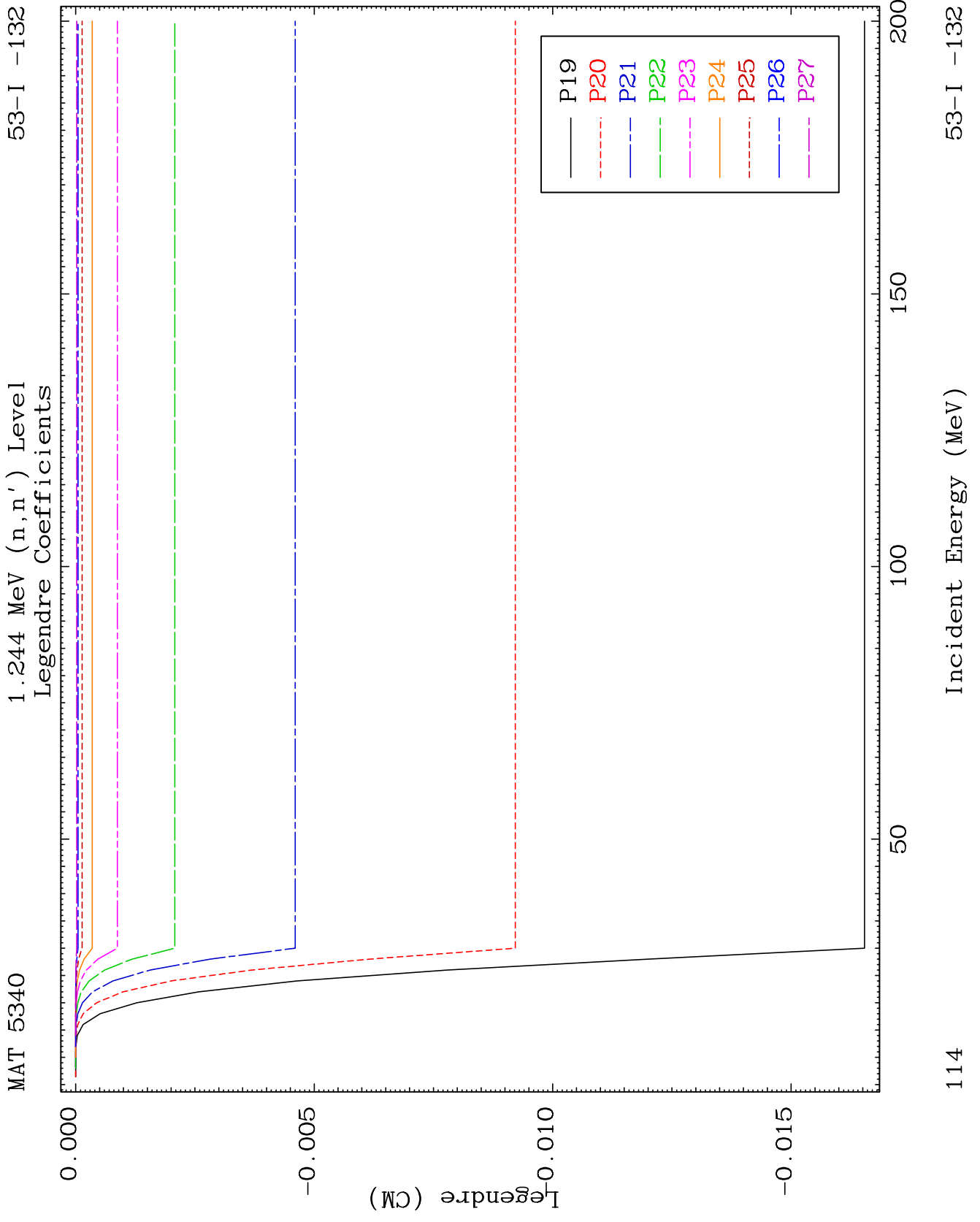
53-I -132

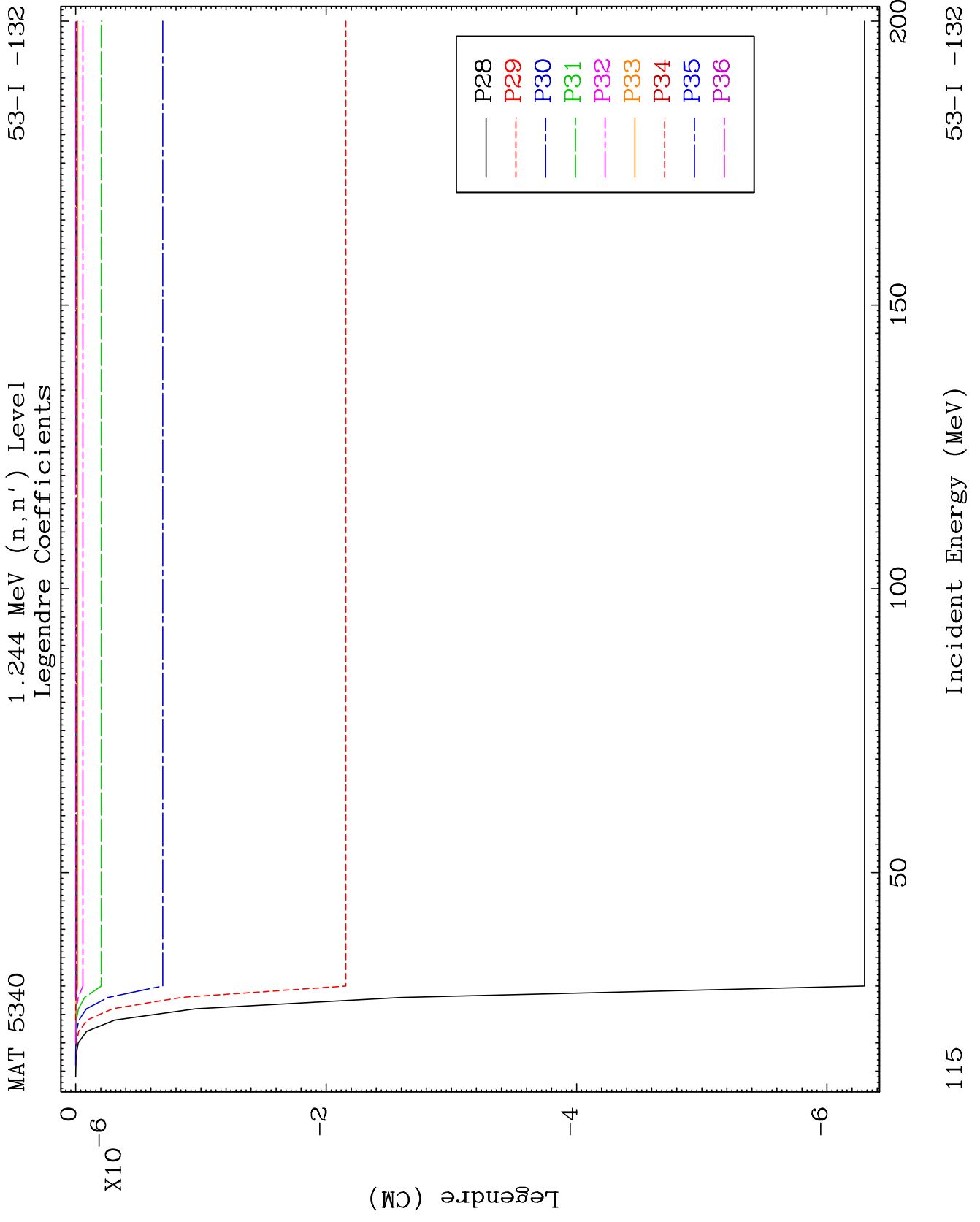


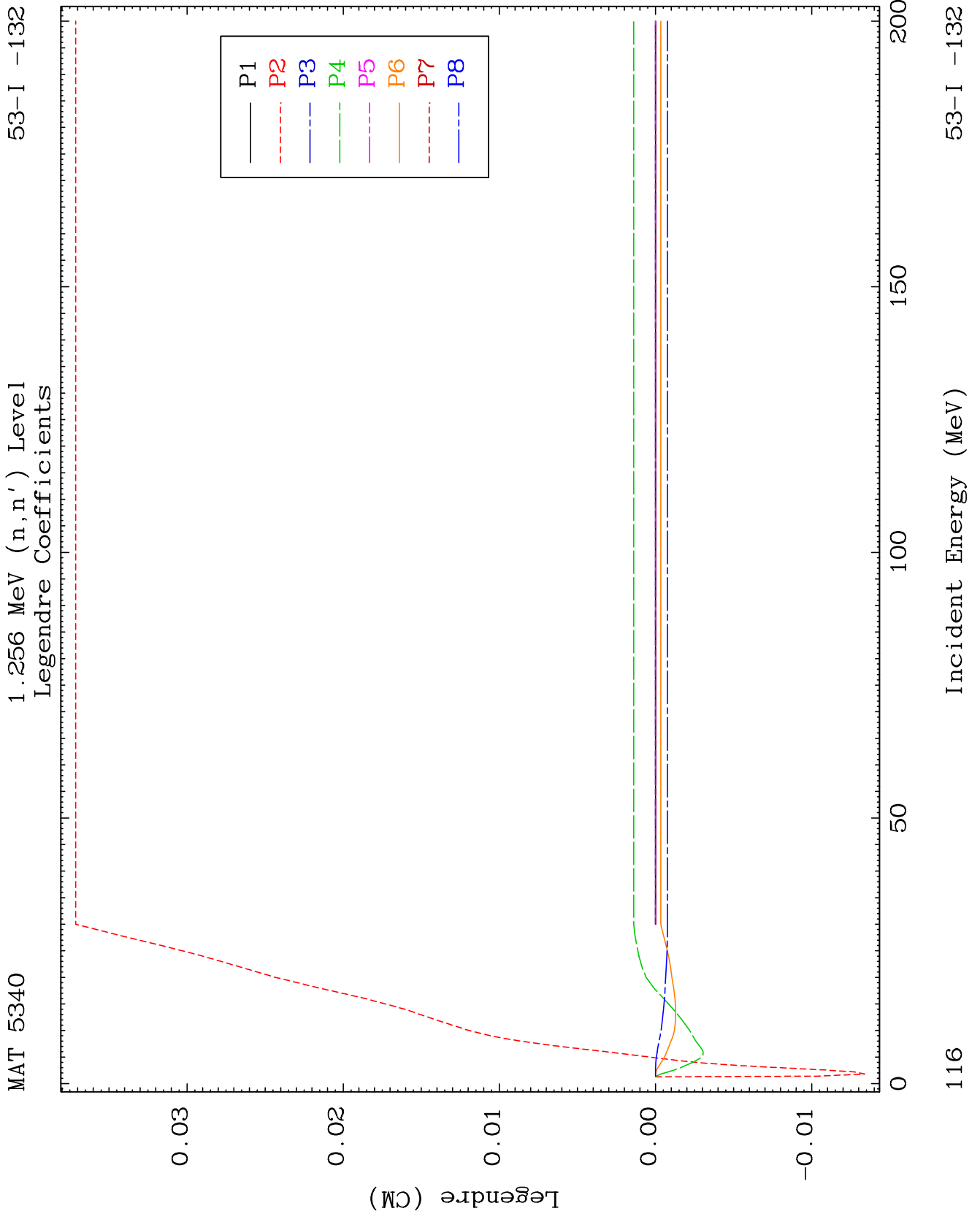
113

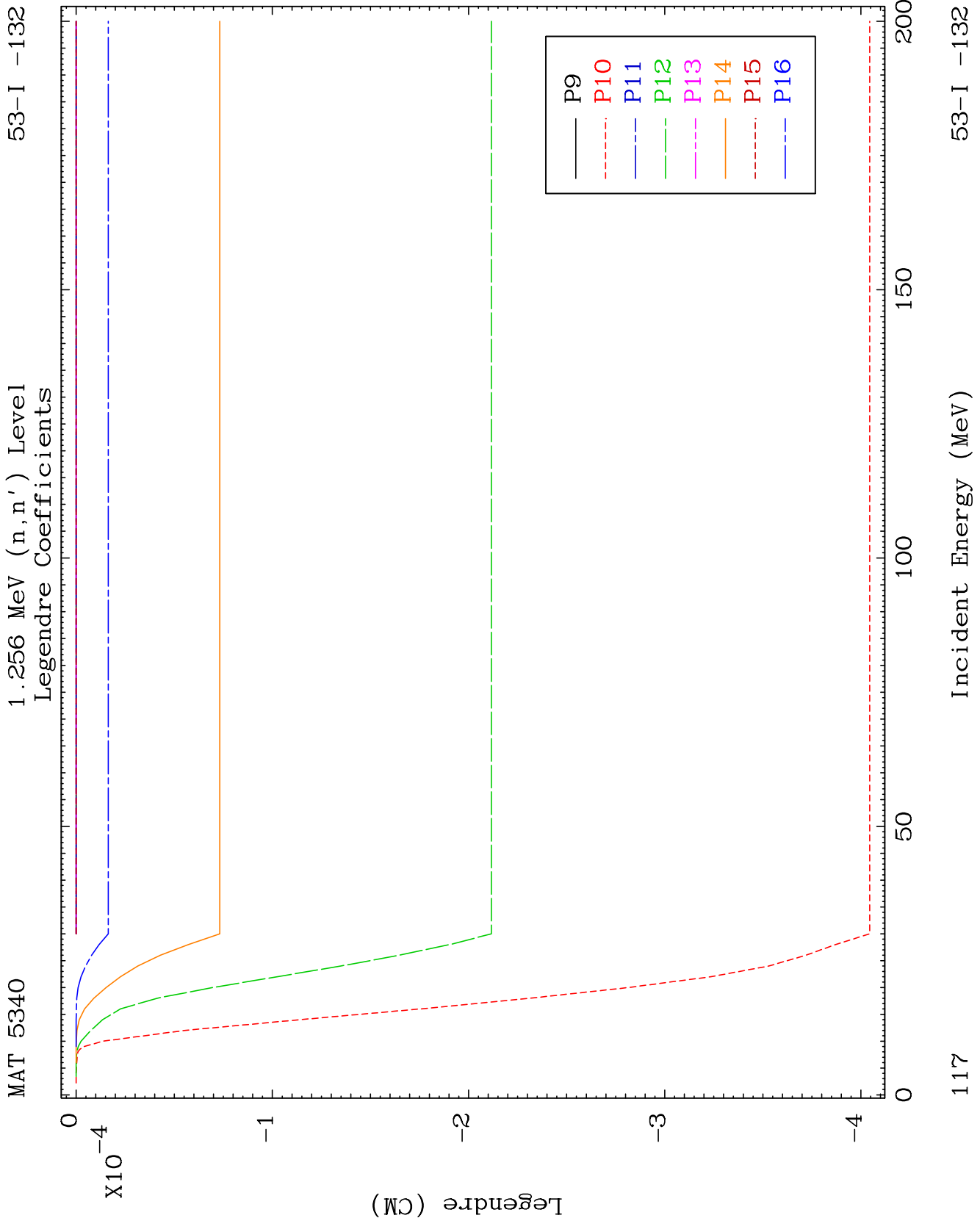
Incident Energy (MeV)

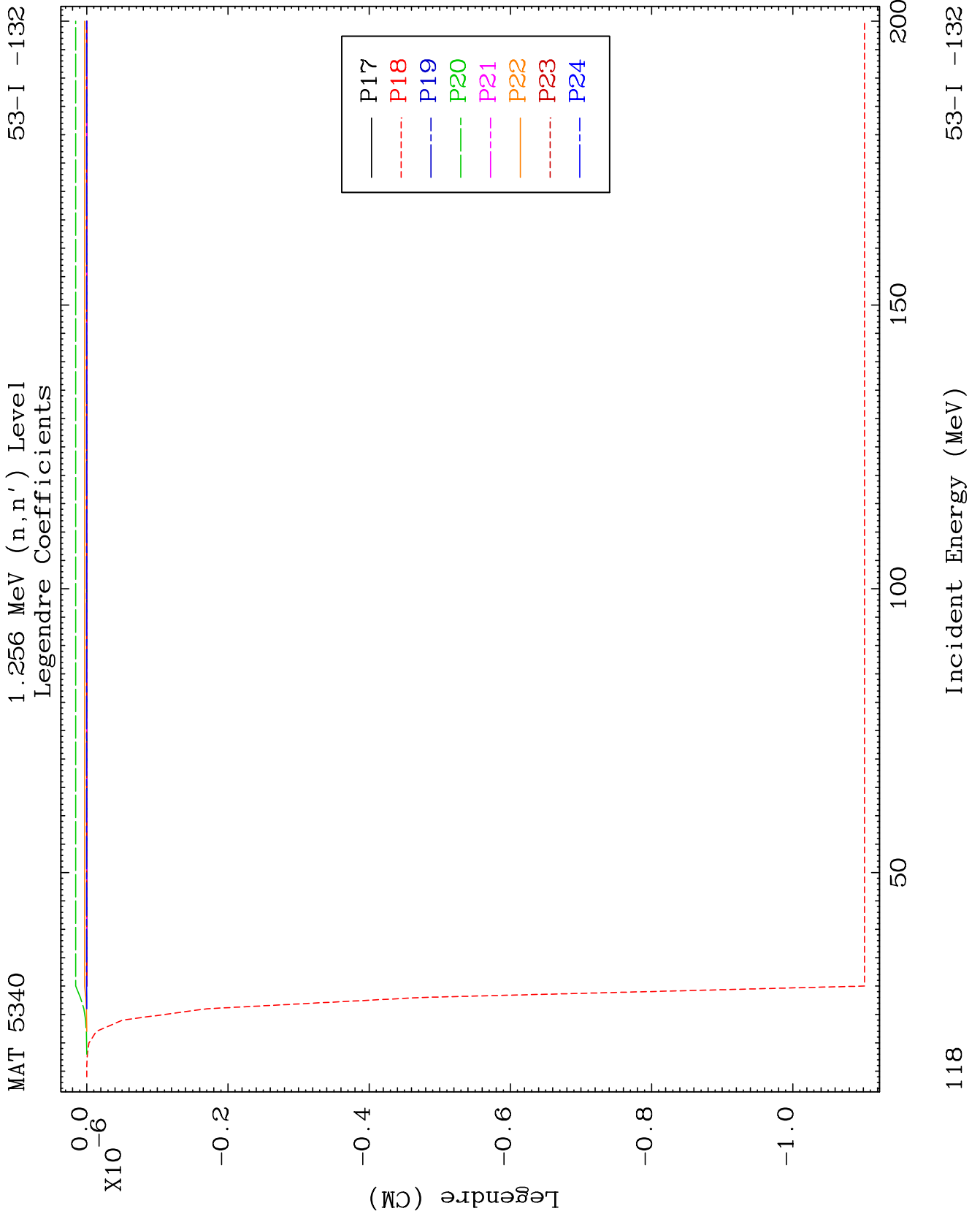
53-I -132







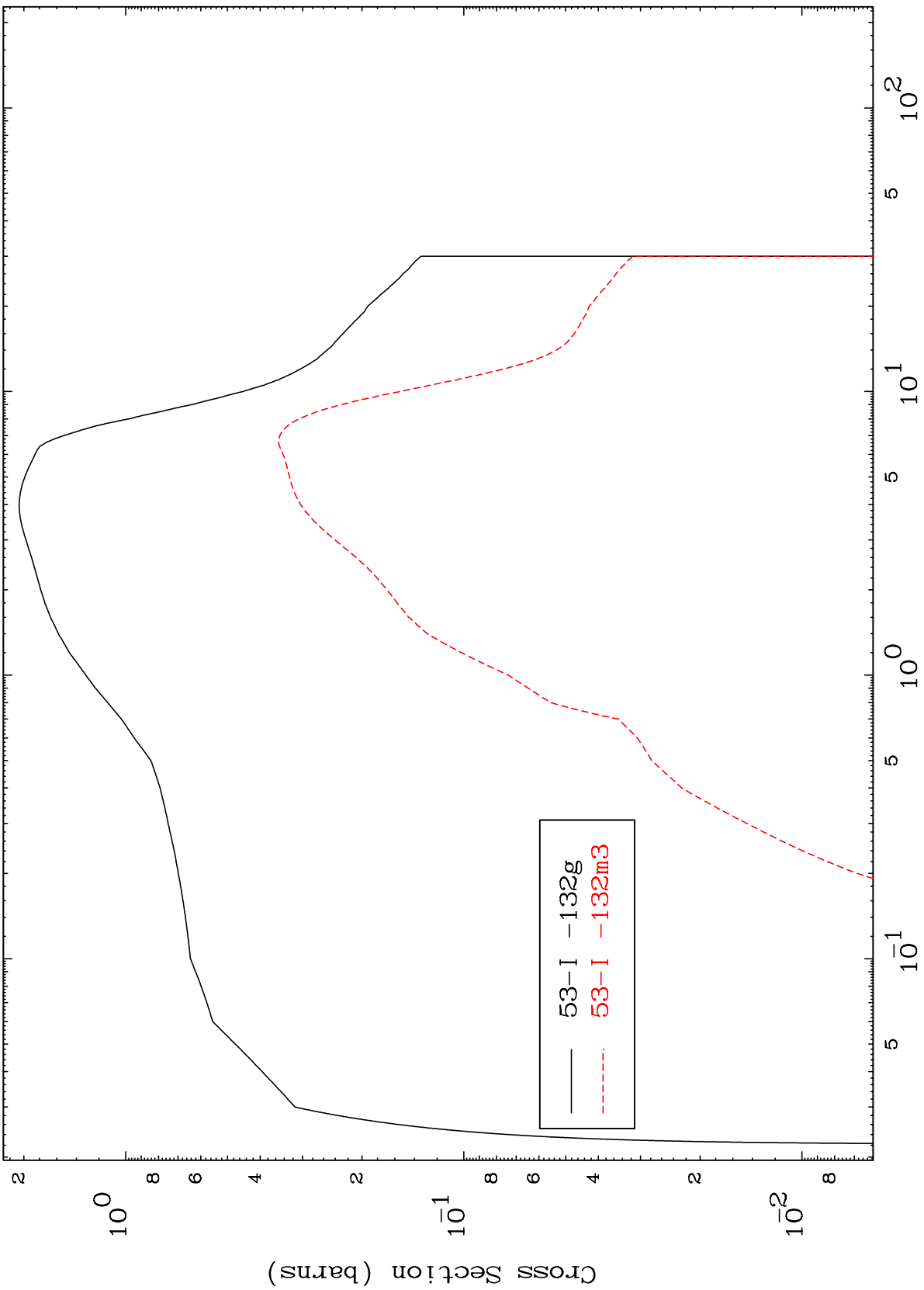




MAT 5340

53-I -132

Inelastic
Radionuclide Production Cross Section



119

53-I -132

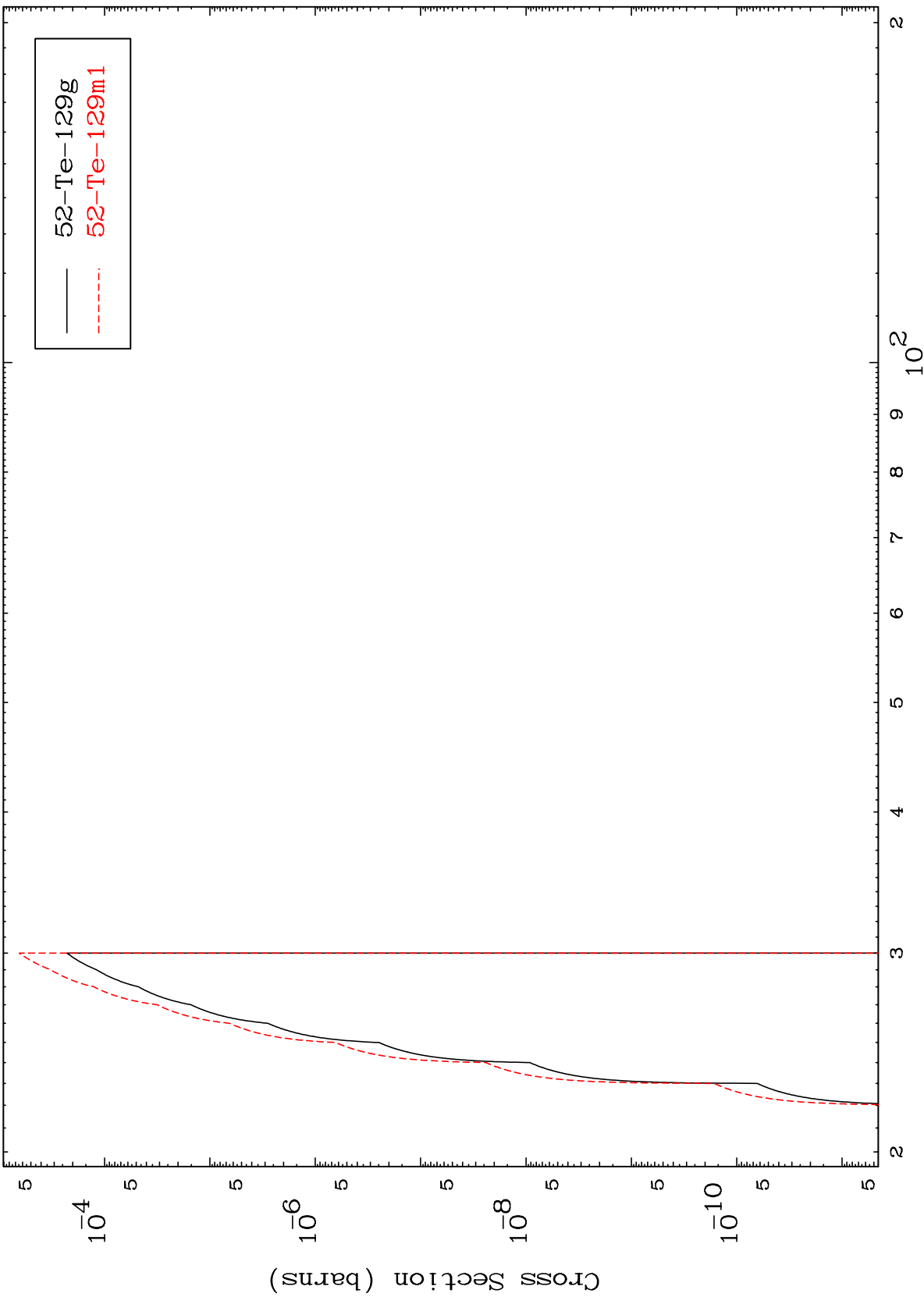
Incident Energy (MeV)

MAT 5340

(n,2n) d

53-I -132

Radionuclide Production Cross Section



120

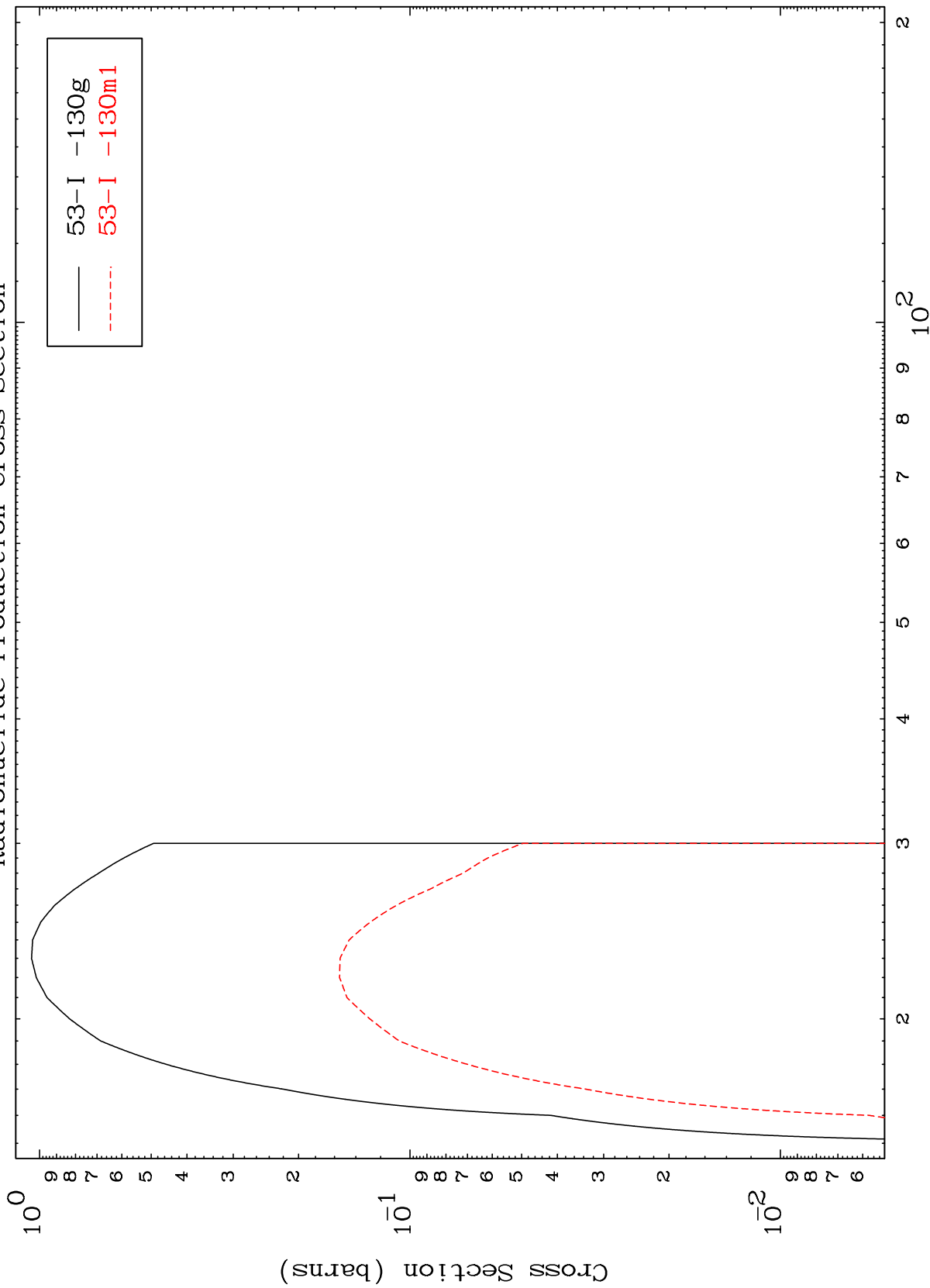
Incident Energy (MeV)

53-I -132

MAT 5340

53-I -132

(n,3n)
Radionuclide Production Cross Section



121

53-I -132

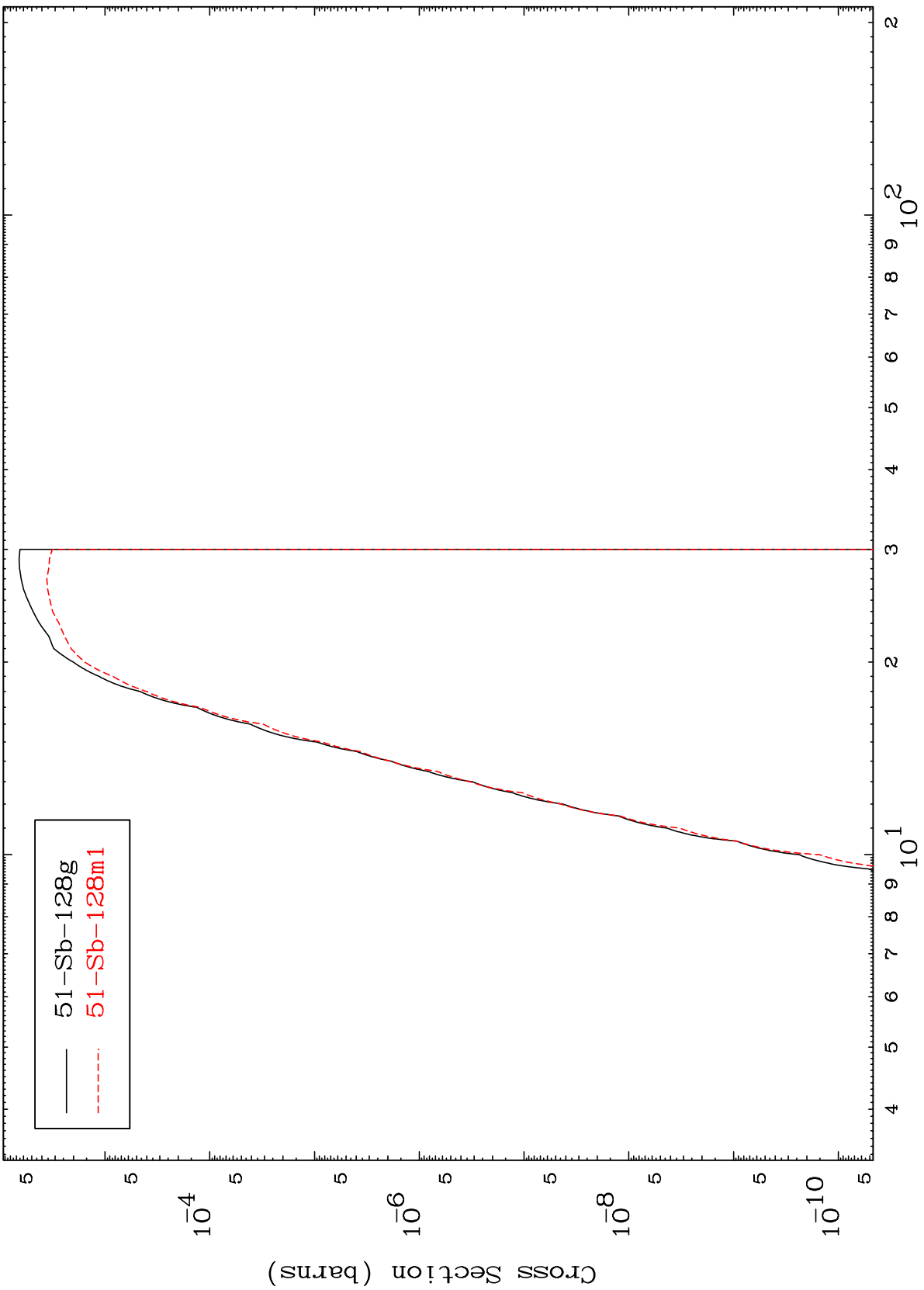
Incident Energy (MeV)

MAT 5340

(n,n') α

53-I -132

Radionuclide Production Cross Section



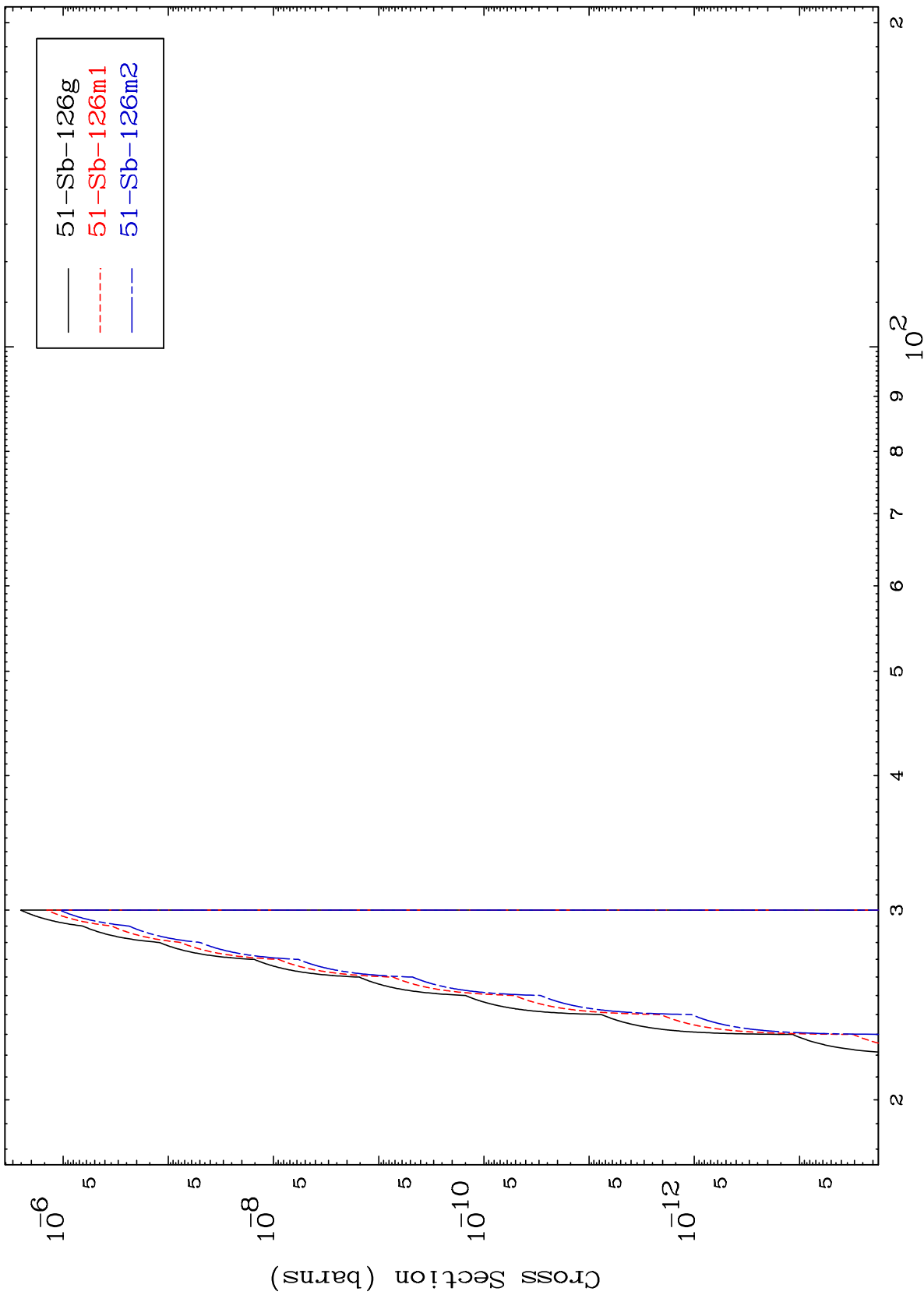
51-Sb-128g
51-Sb-128m1

122

Incident Energy (MeV)

53-I -132

Radionuclide Production Cross Section

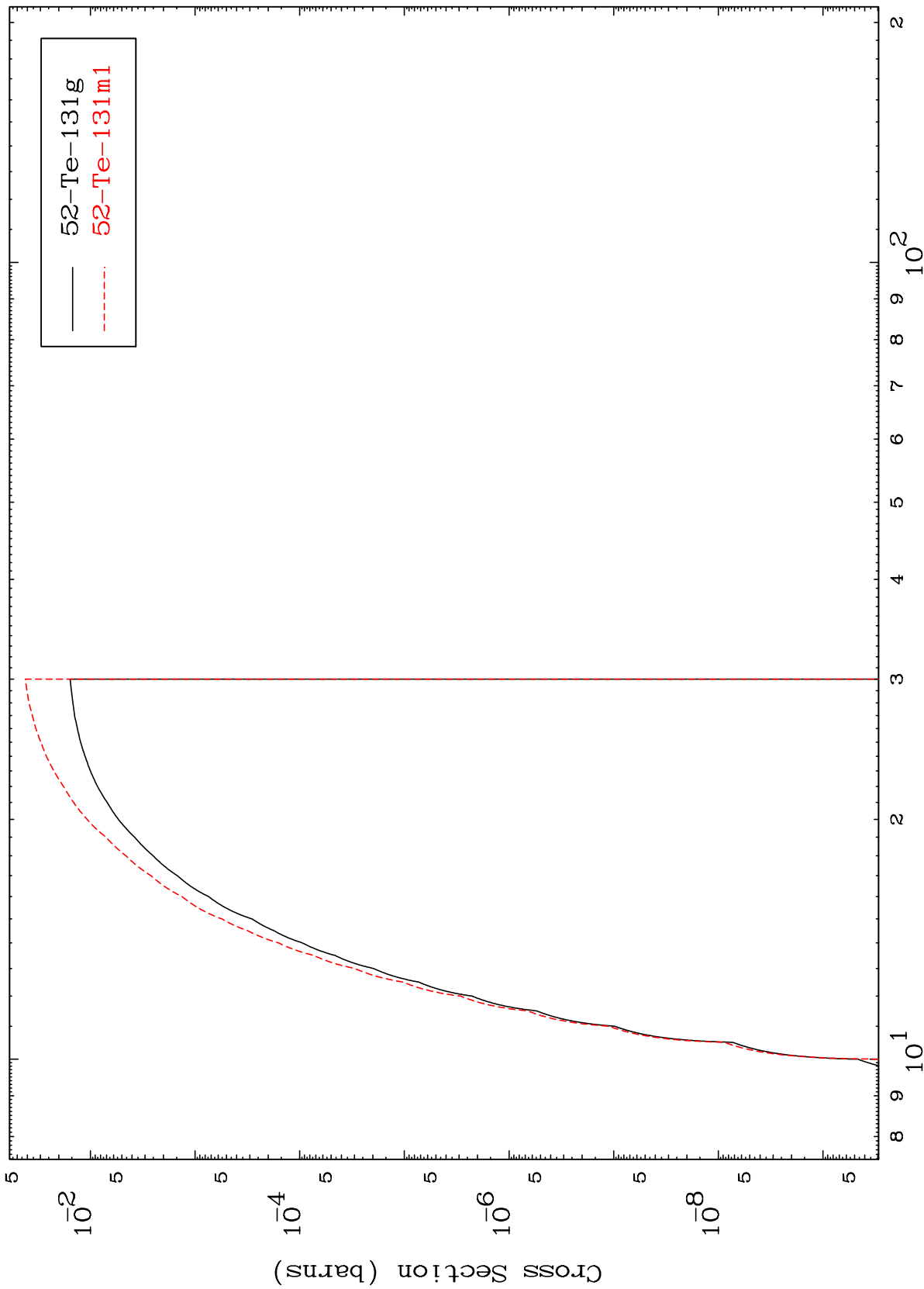


MAT 5340

(n,n') p

53-I -132

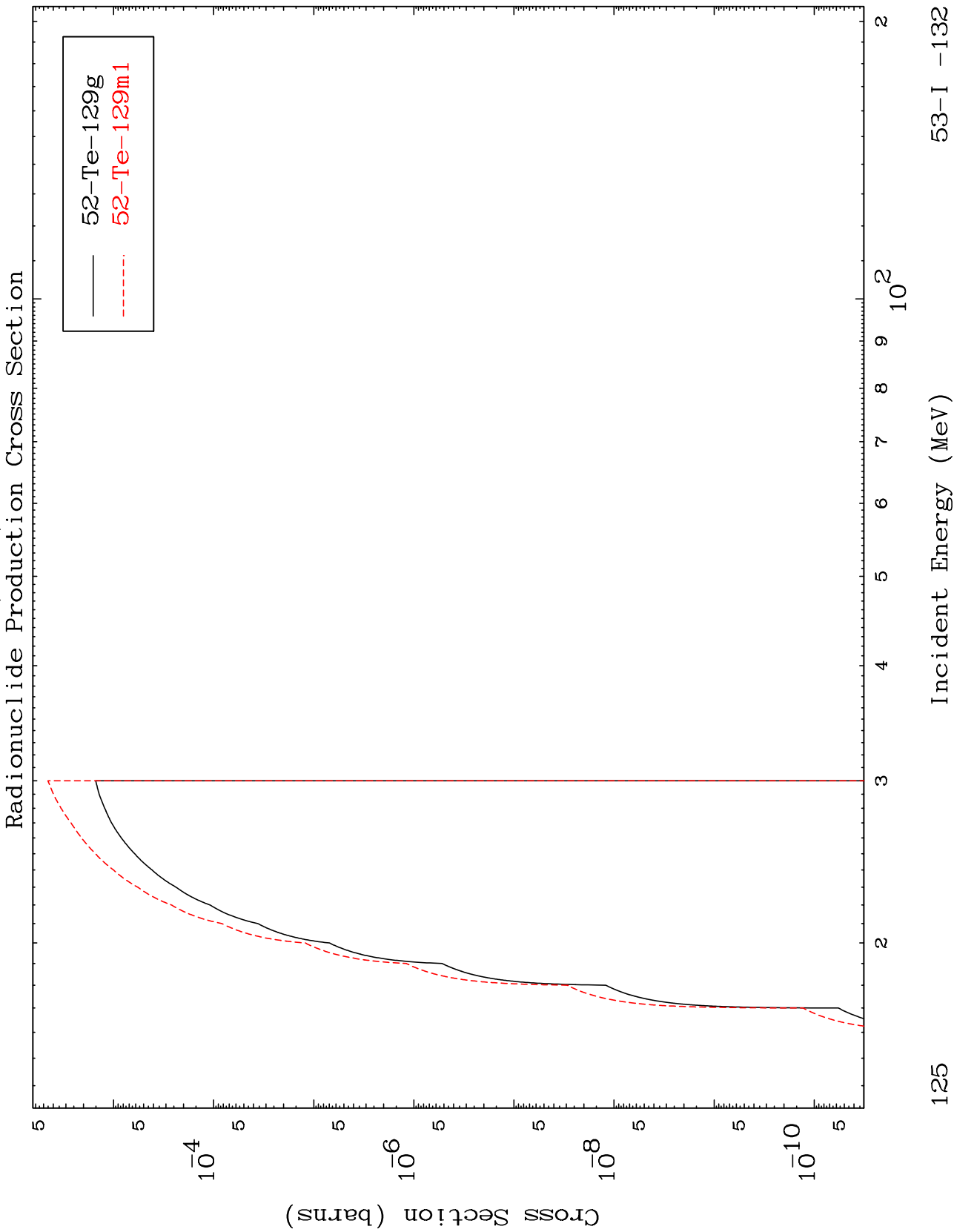
Radionuclide Production Cross Section



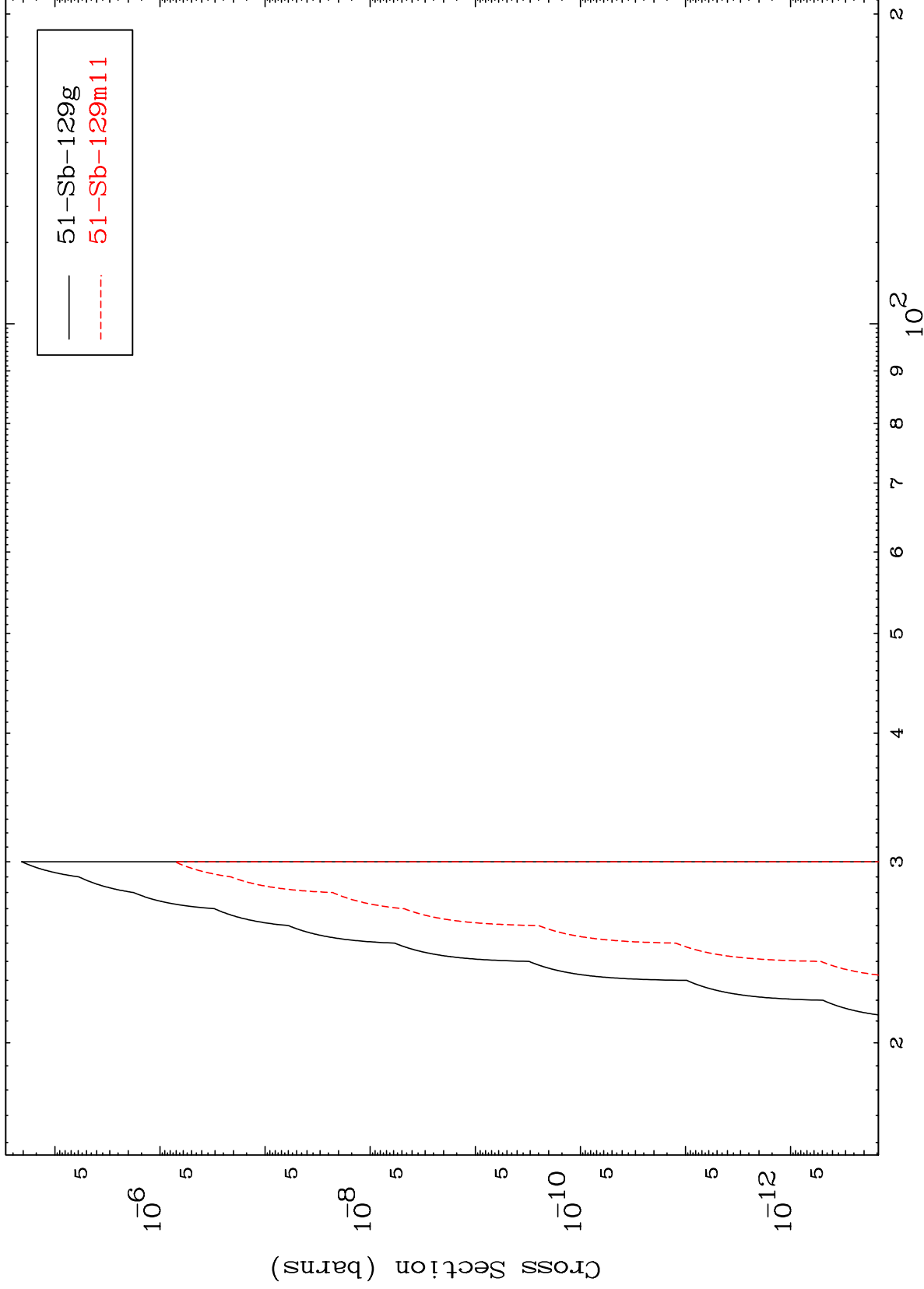
124

Incident Energy (MeV)

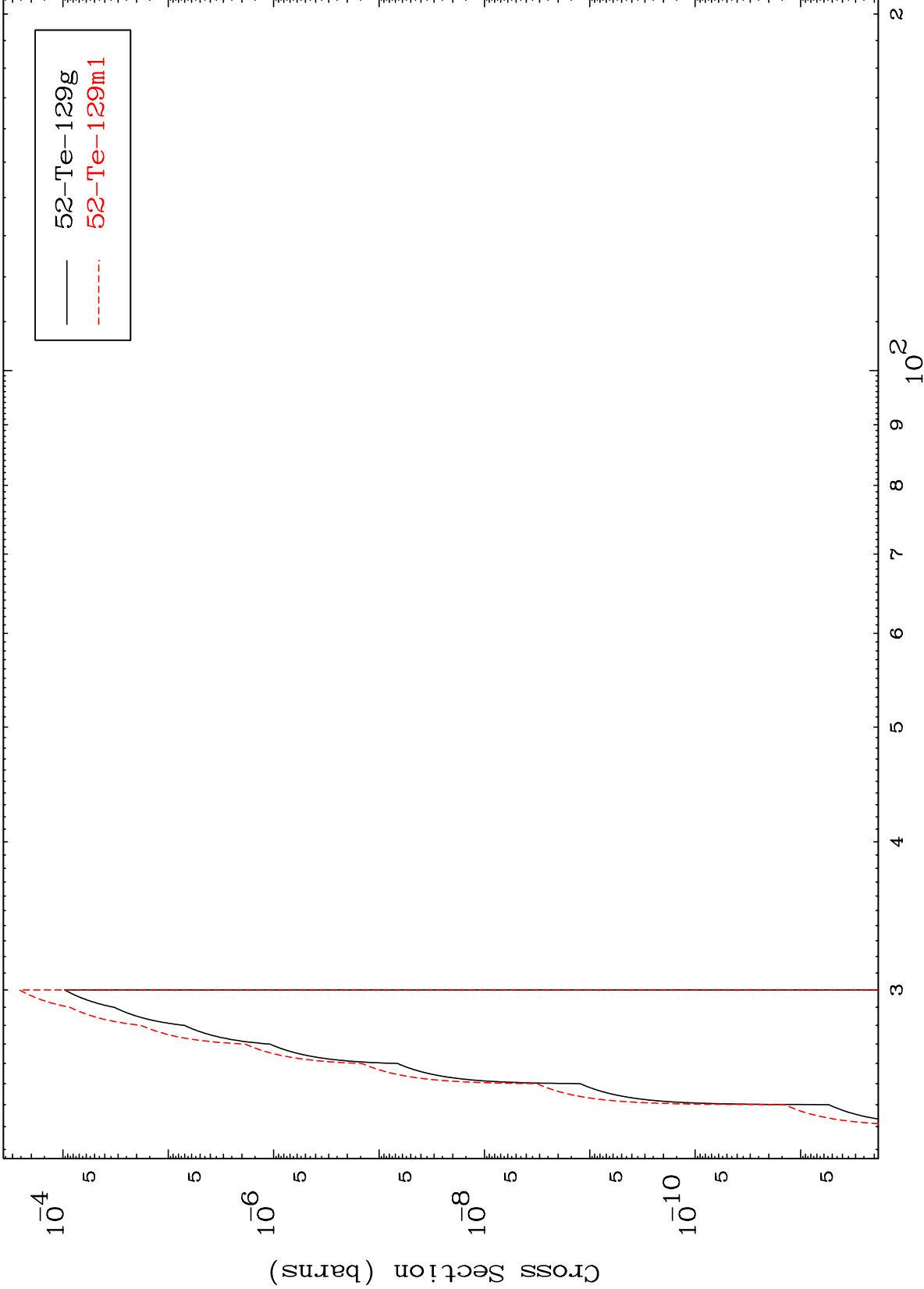
53-I -132



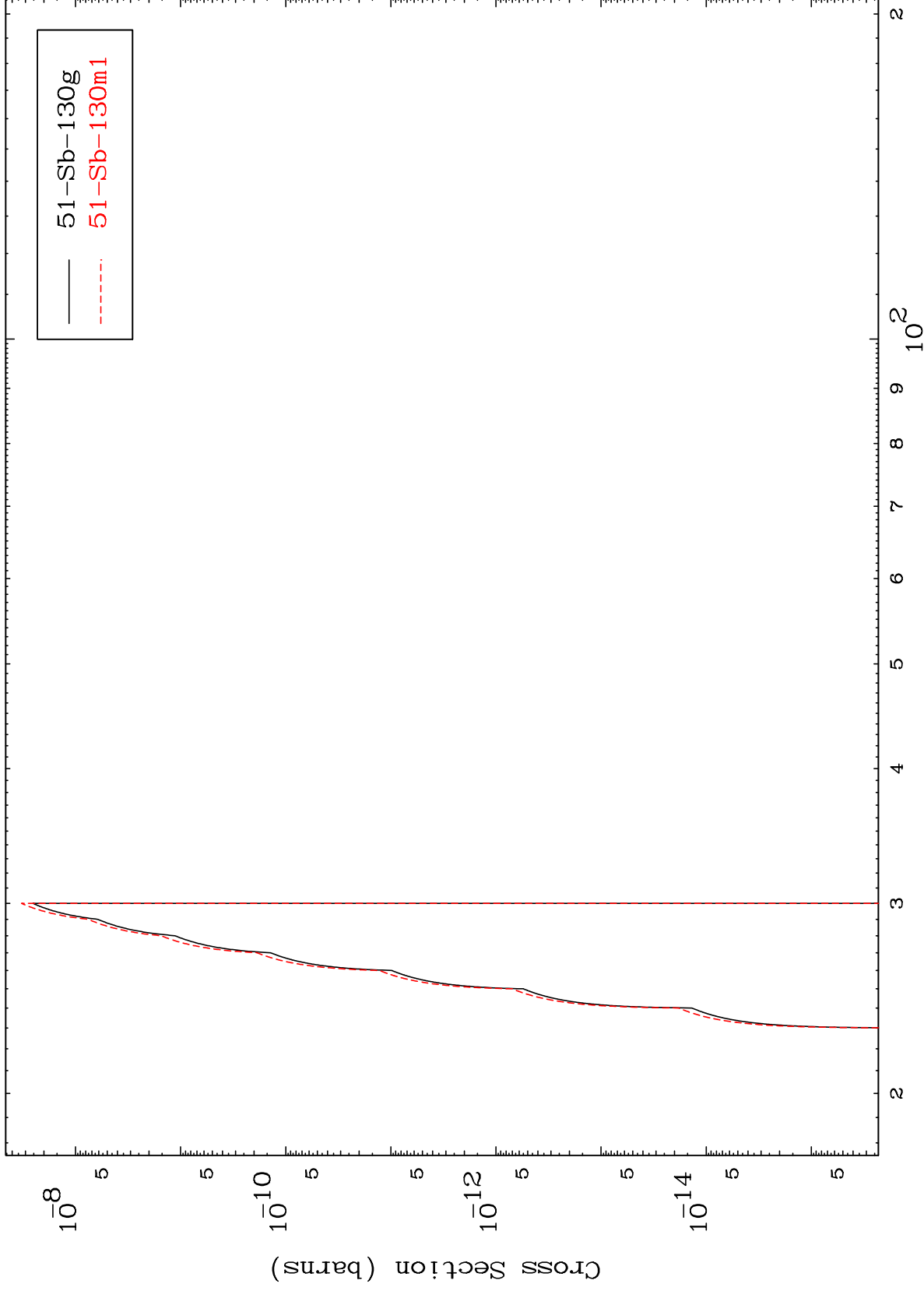
Radionuclide Production Cross Section



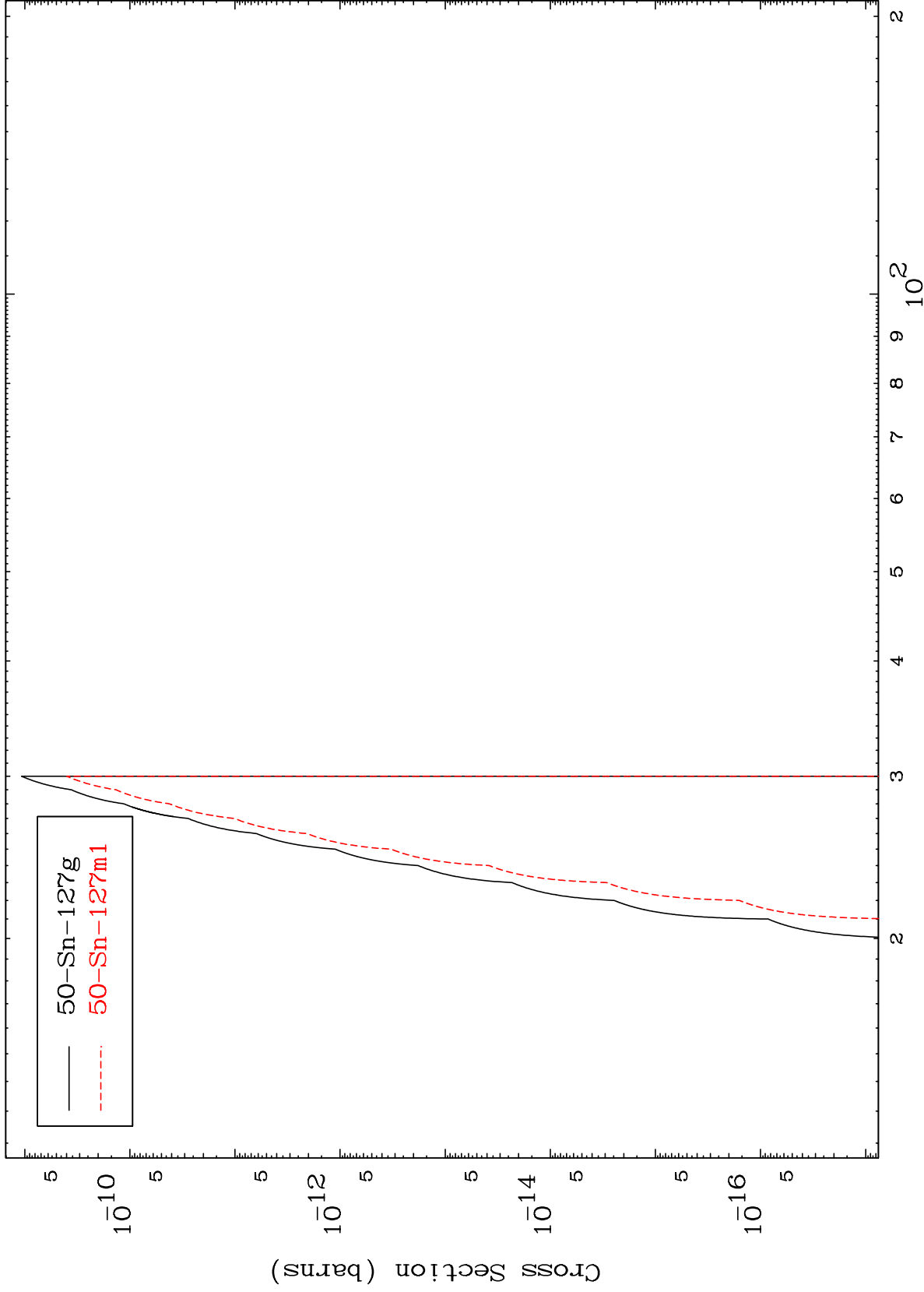
Radionuclide Production Cross Section



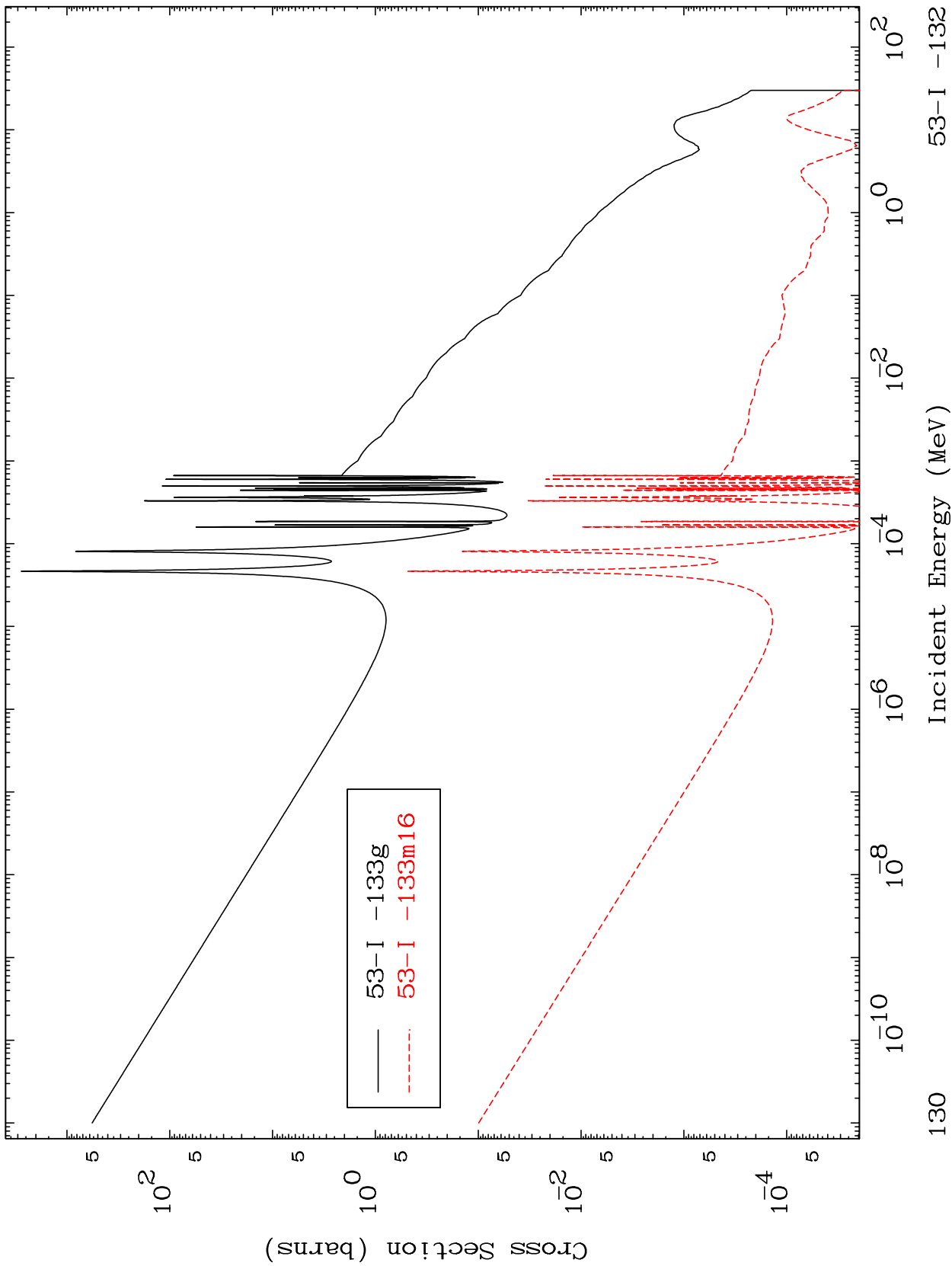
Radionuclide Production Cross Section



Radionuclide Production Cross Section

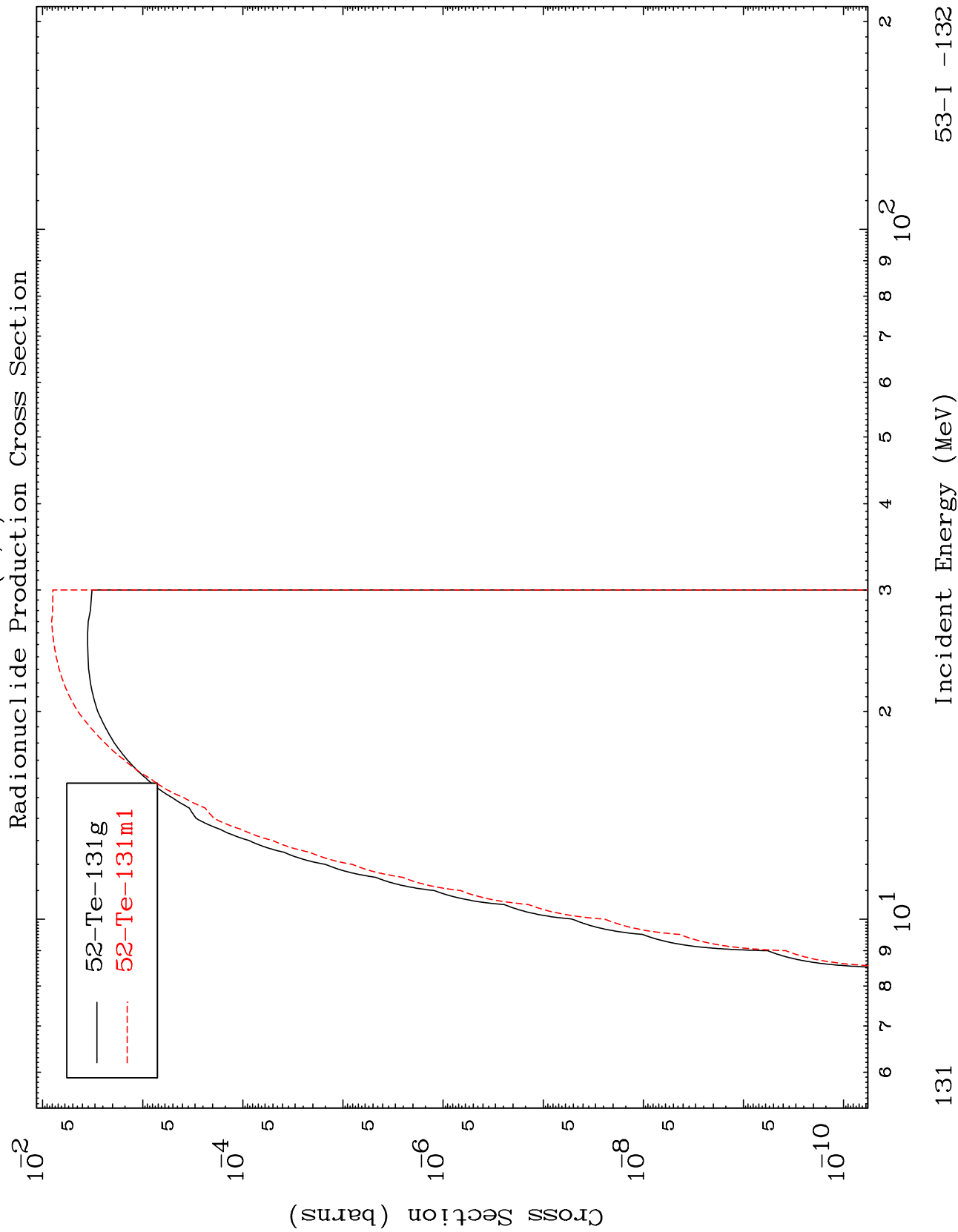


(n,γ)
Radionuclide Production Cross Section



MAT 5340

53-I -132



— 52-Te-131g
- - - 52-Te-131m1

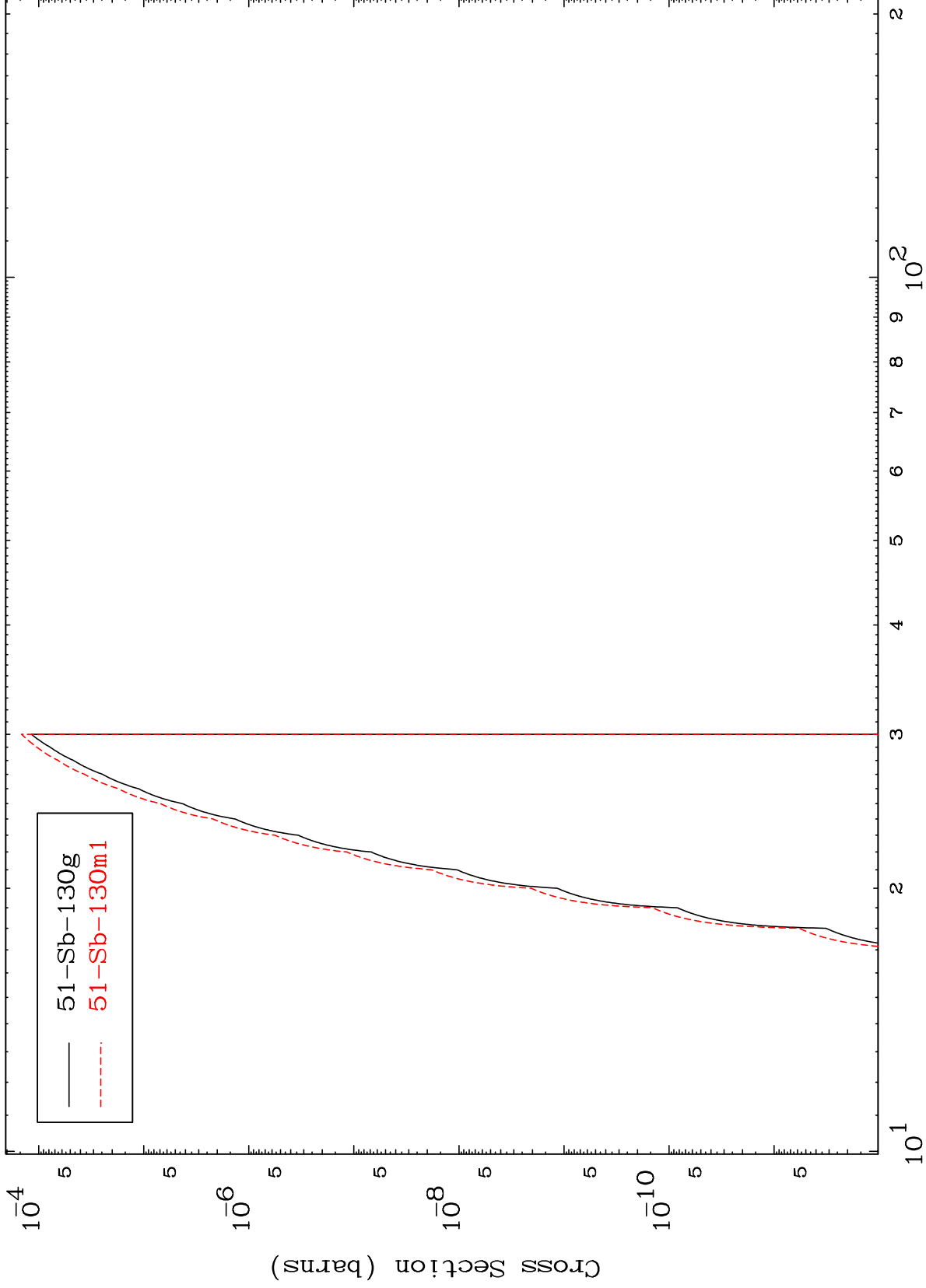
131

MAT 5340

(n,He-3)

53-I -132

Radionuclide Production Cross Section



132

Incident Energy (MeV)

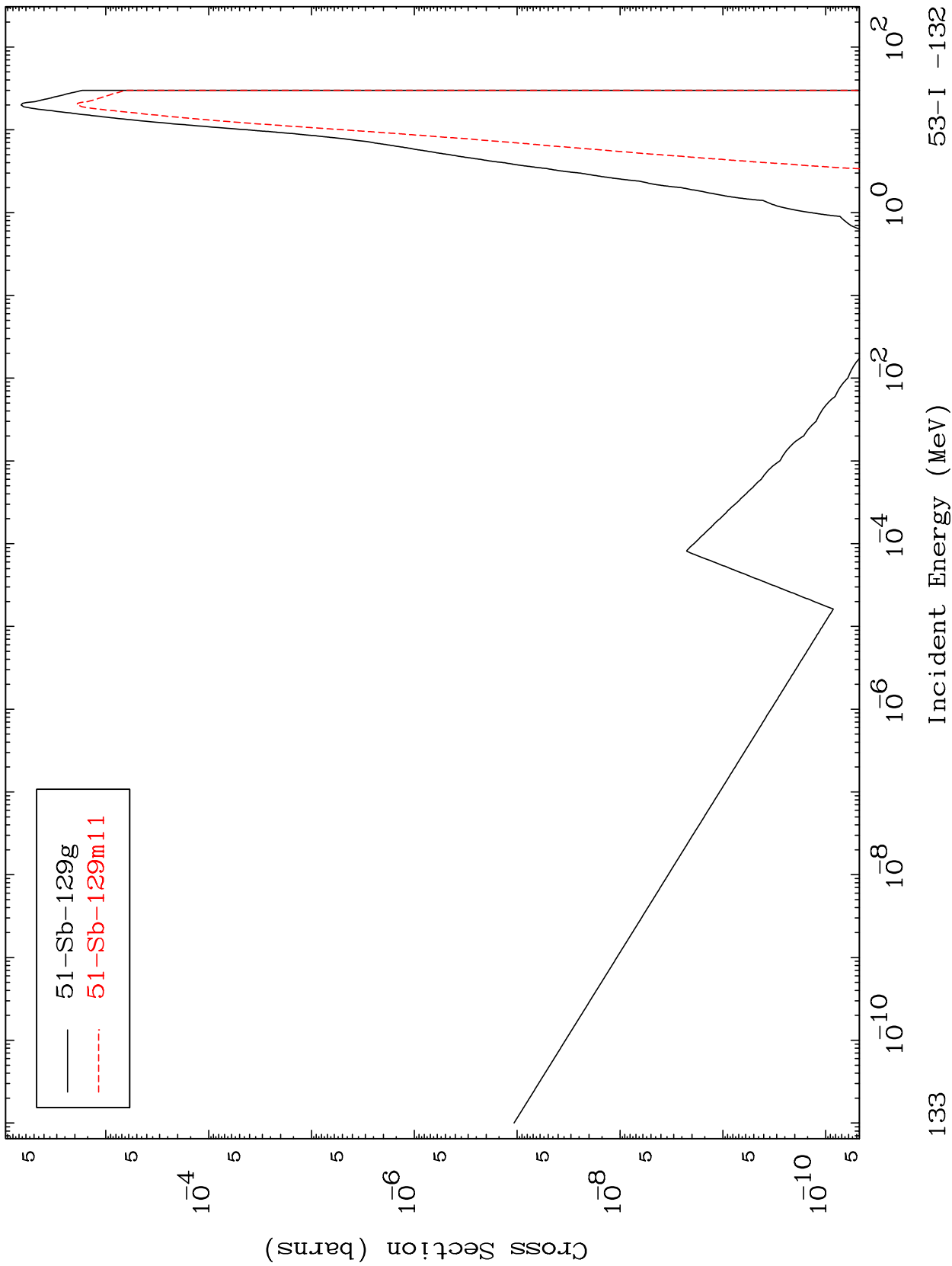
53-I -132

MAT 5340

(n, α)

53-I -132

Radionuclide Production Cross Section

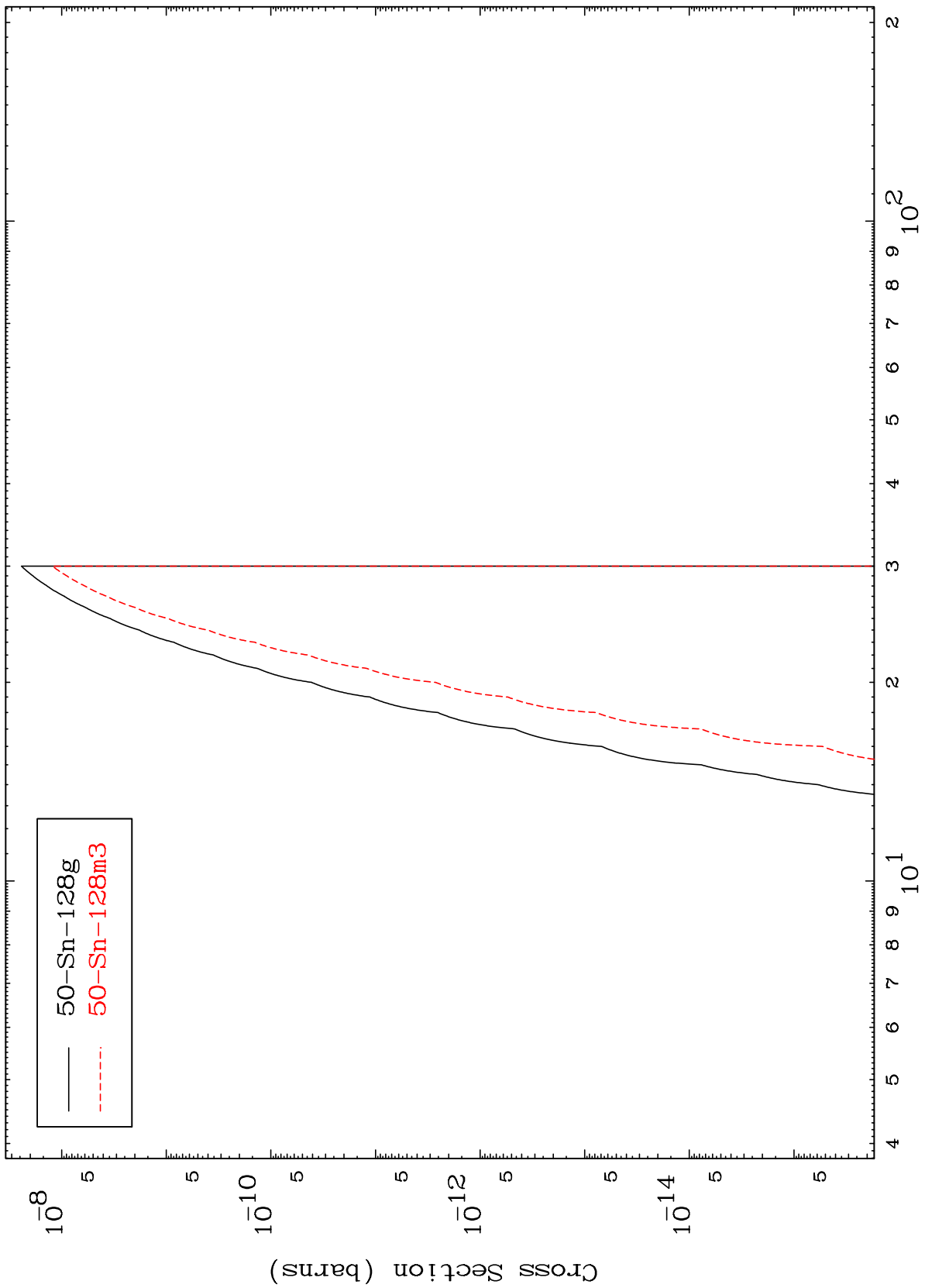


MAT 5340

(n,p) α

53-I -132

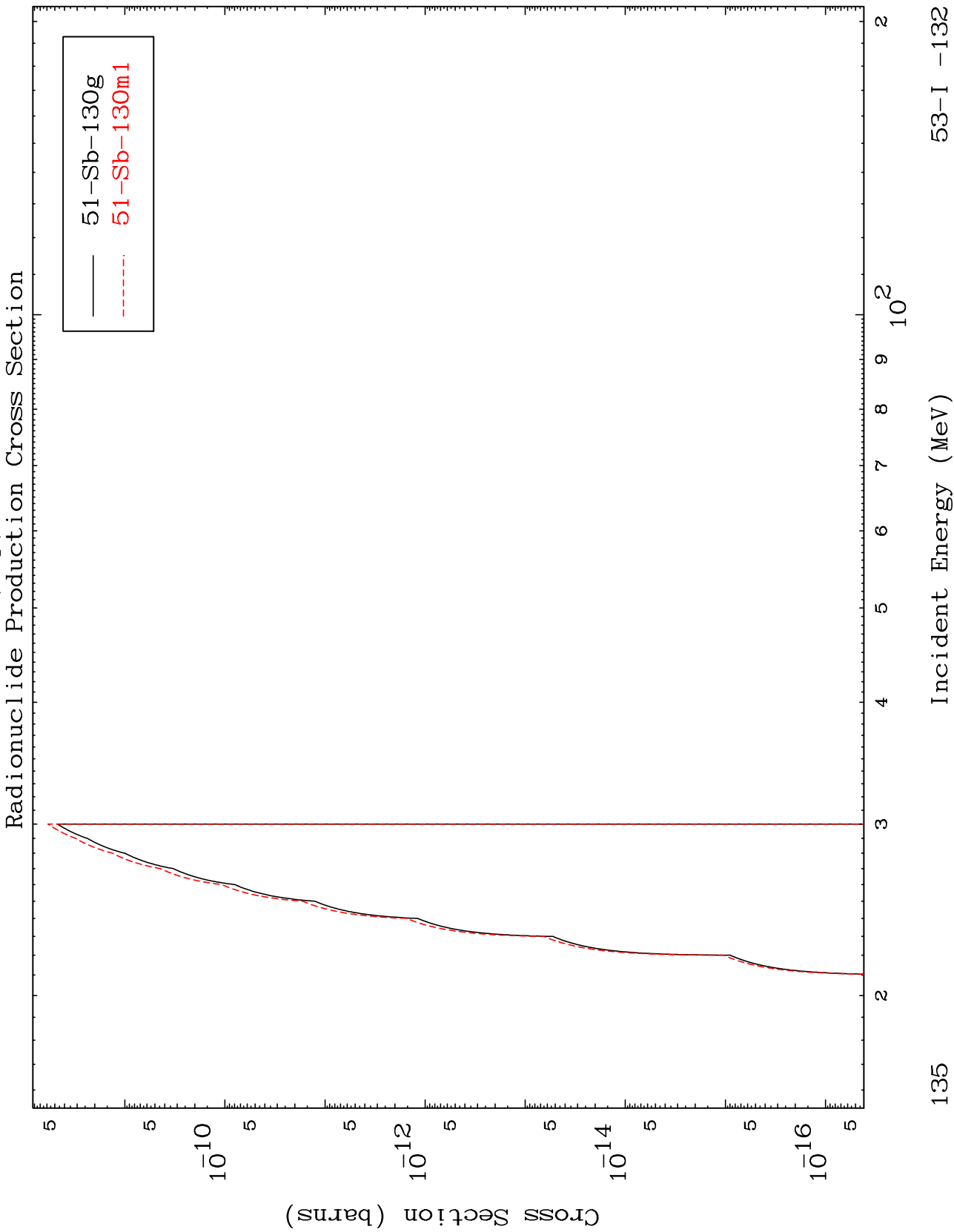
Radionuclide Production Cross Section



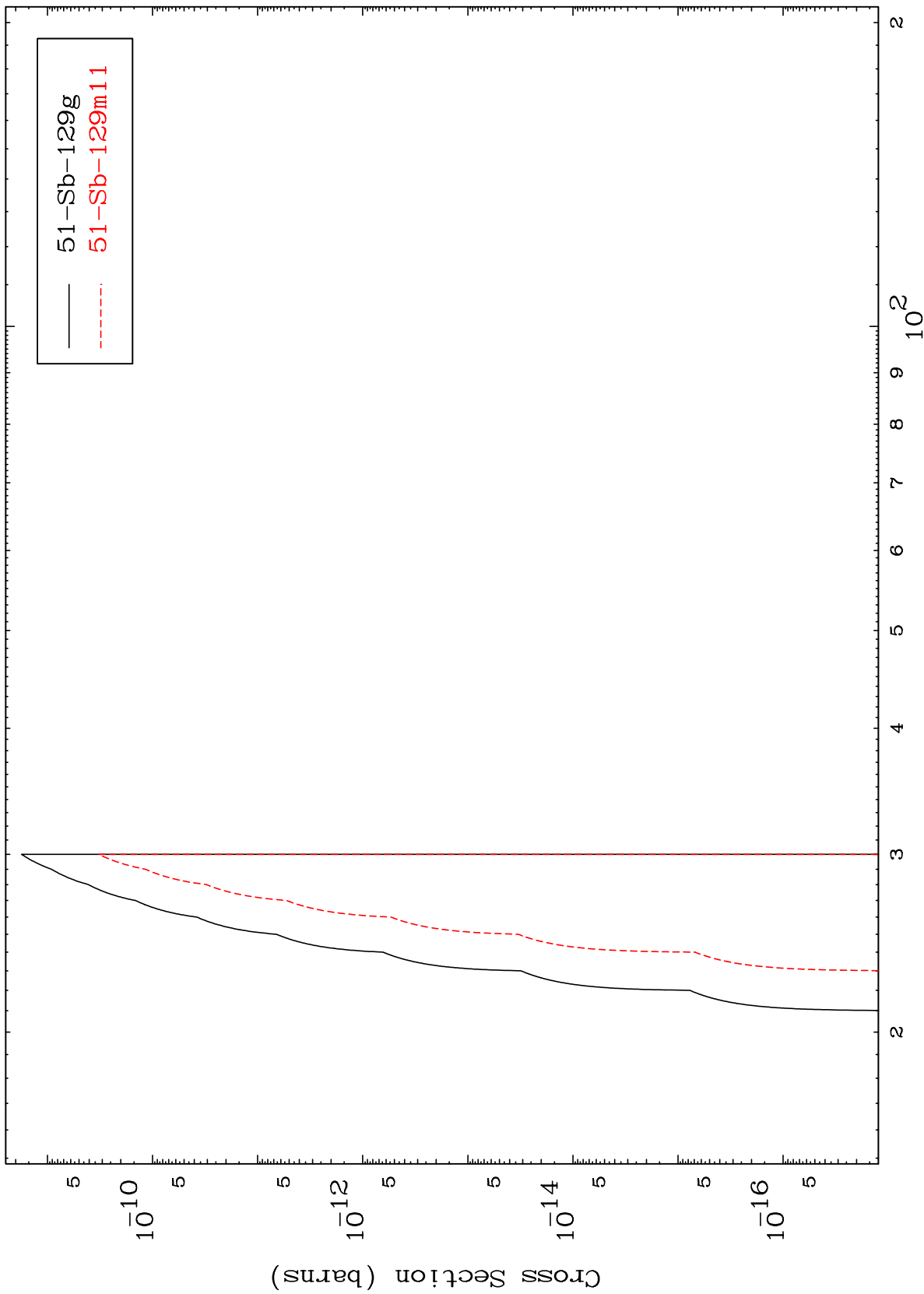
134

Incident Energy (MeV)

53-I -132



Radionuclide Production Cross Section



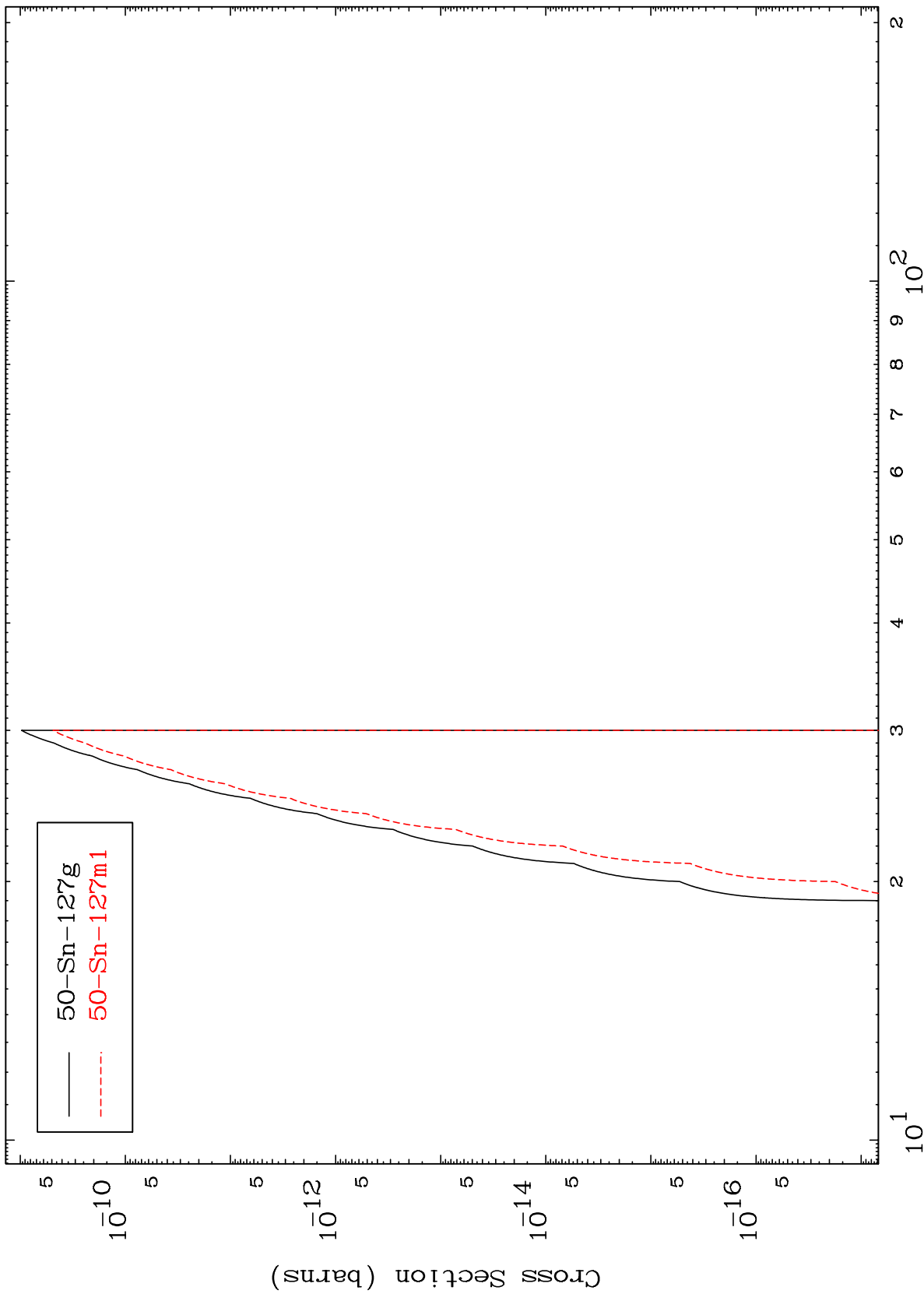
51-Sb-129g
51-Sb-129m11

MAT 5340

(n,d) α

53-I -132

Radionuclide Production Cross Section



137

Incident Energy (MeV)

53-I -132