

Program EVALPLOT
(Version 2015-2)

by

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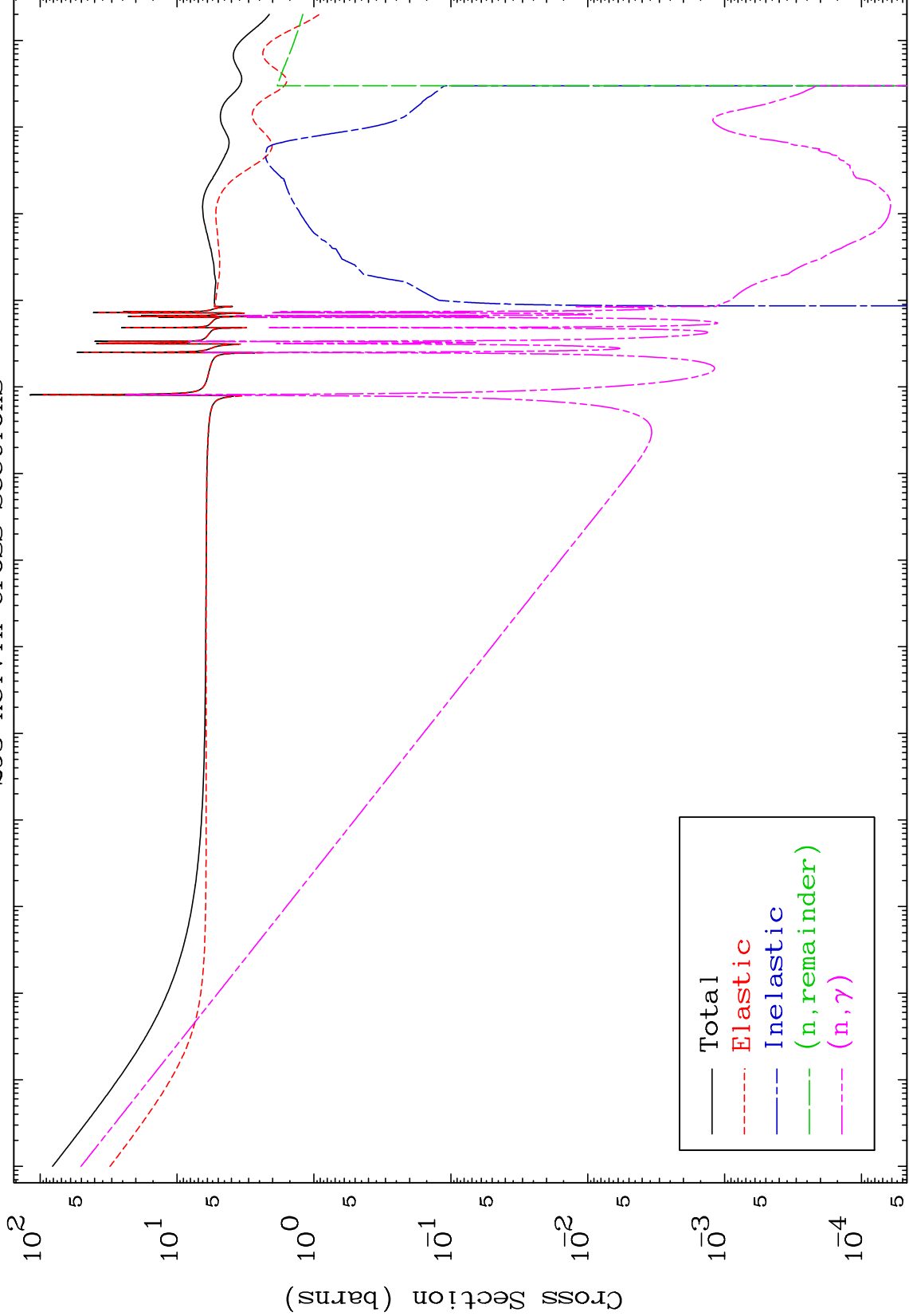
Press Mouse Button to Start

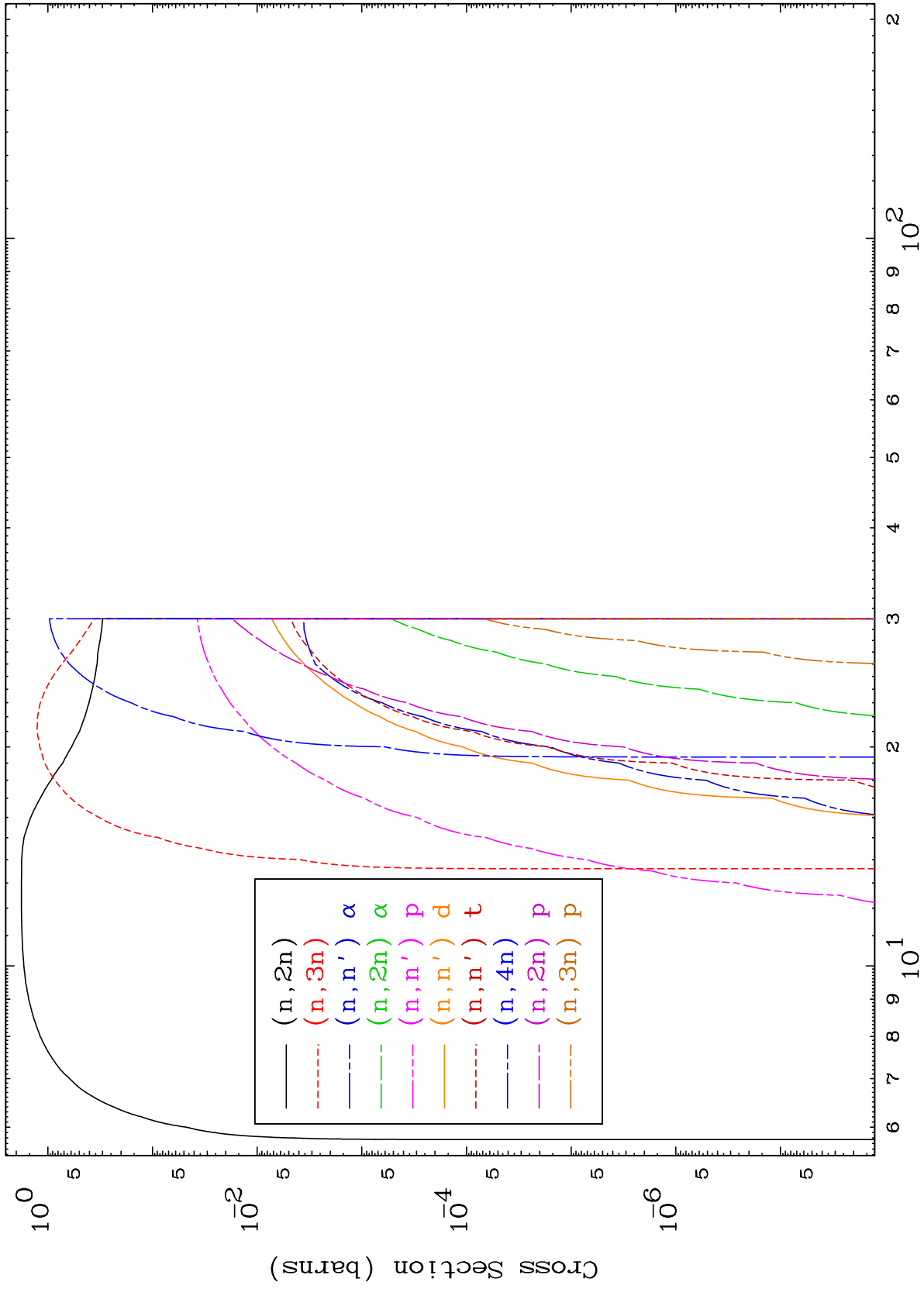
MAT 5158

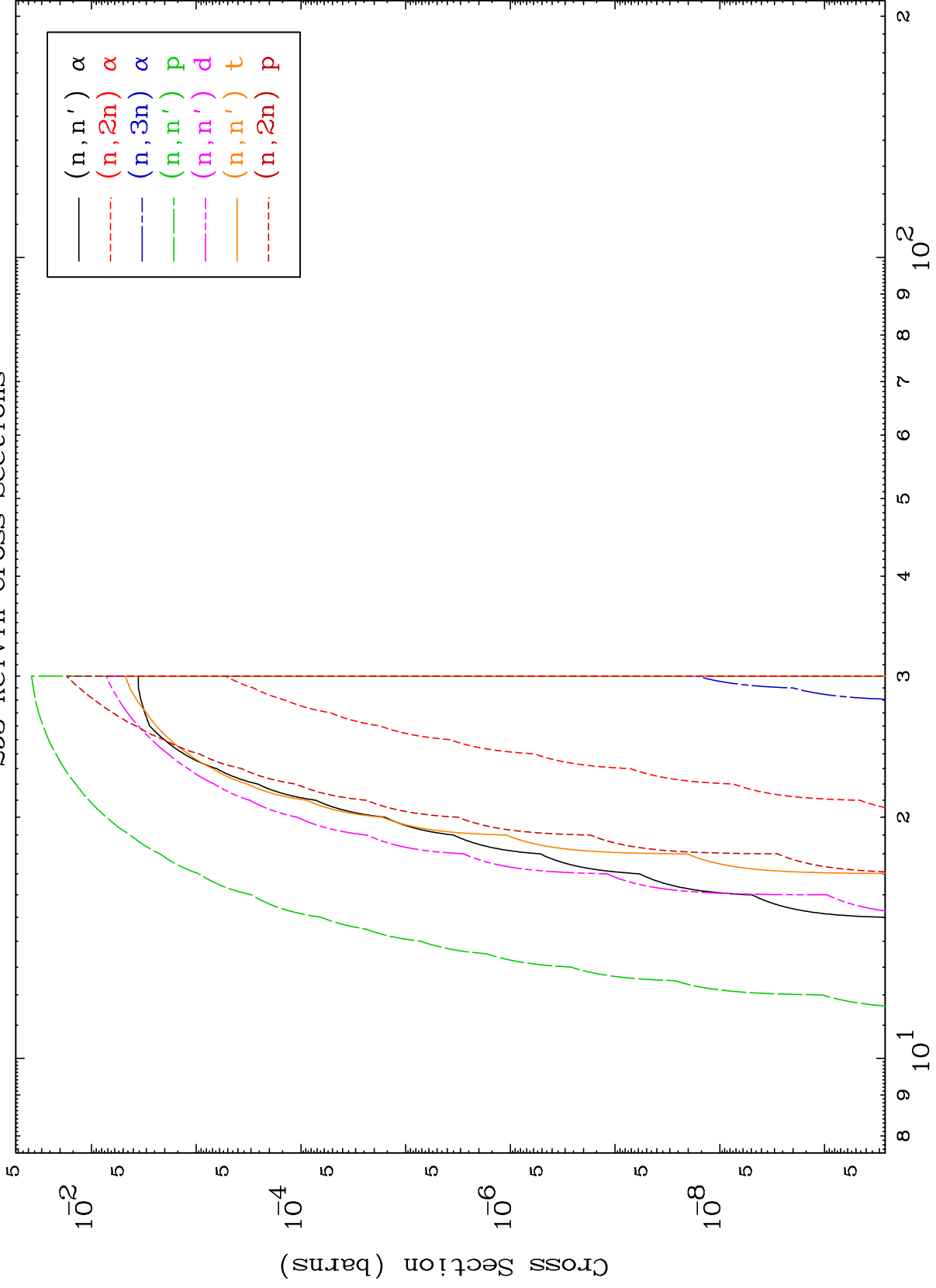
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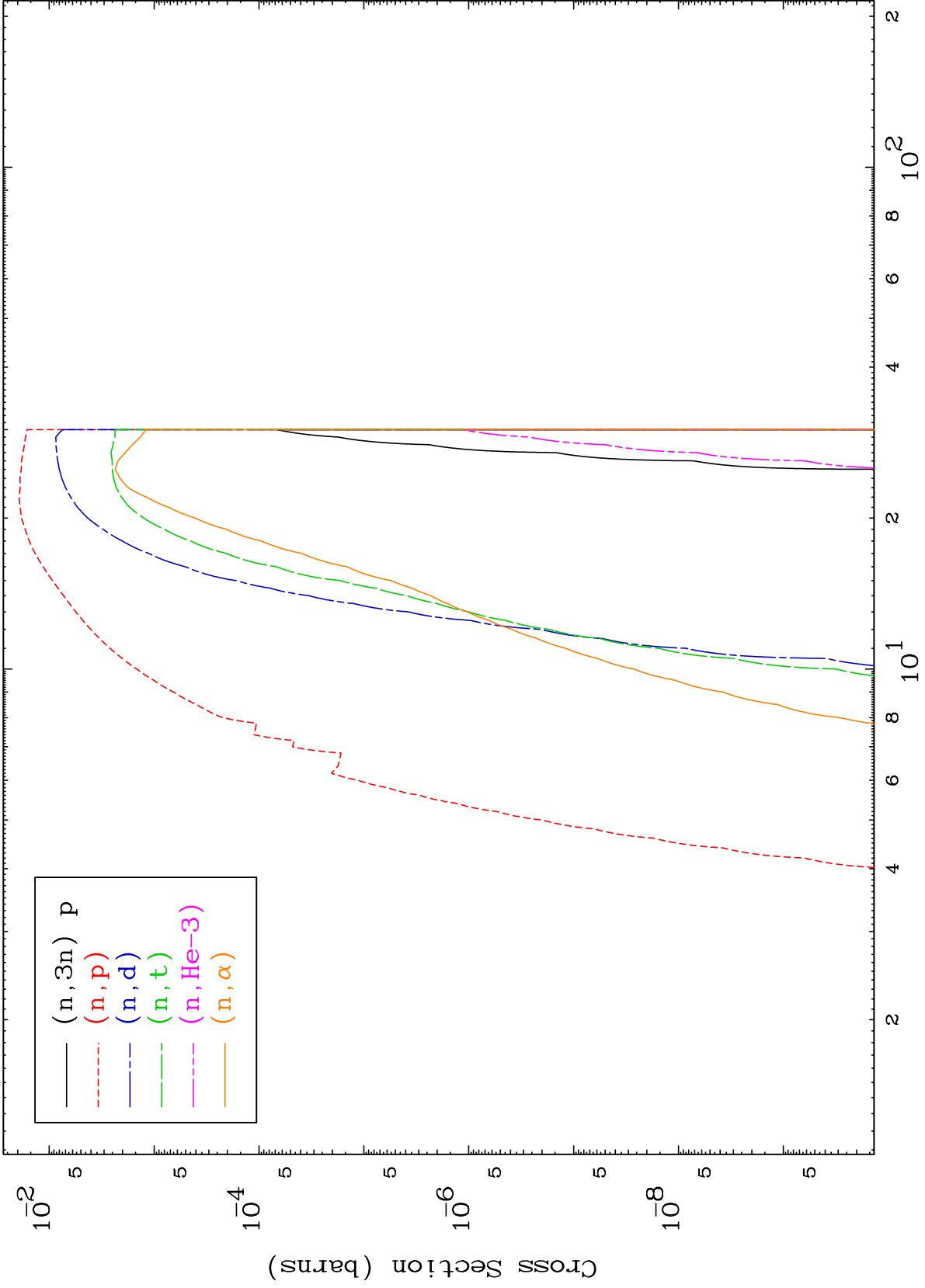
293 Kelvin Cross Sections

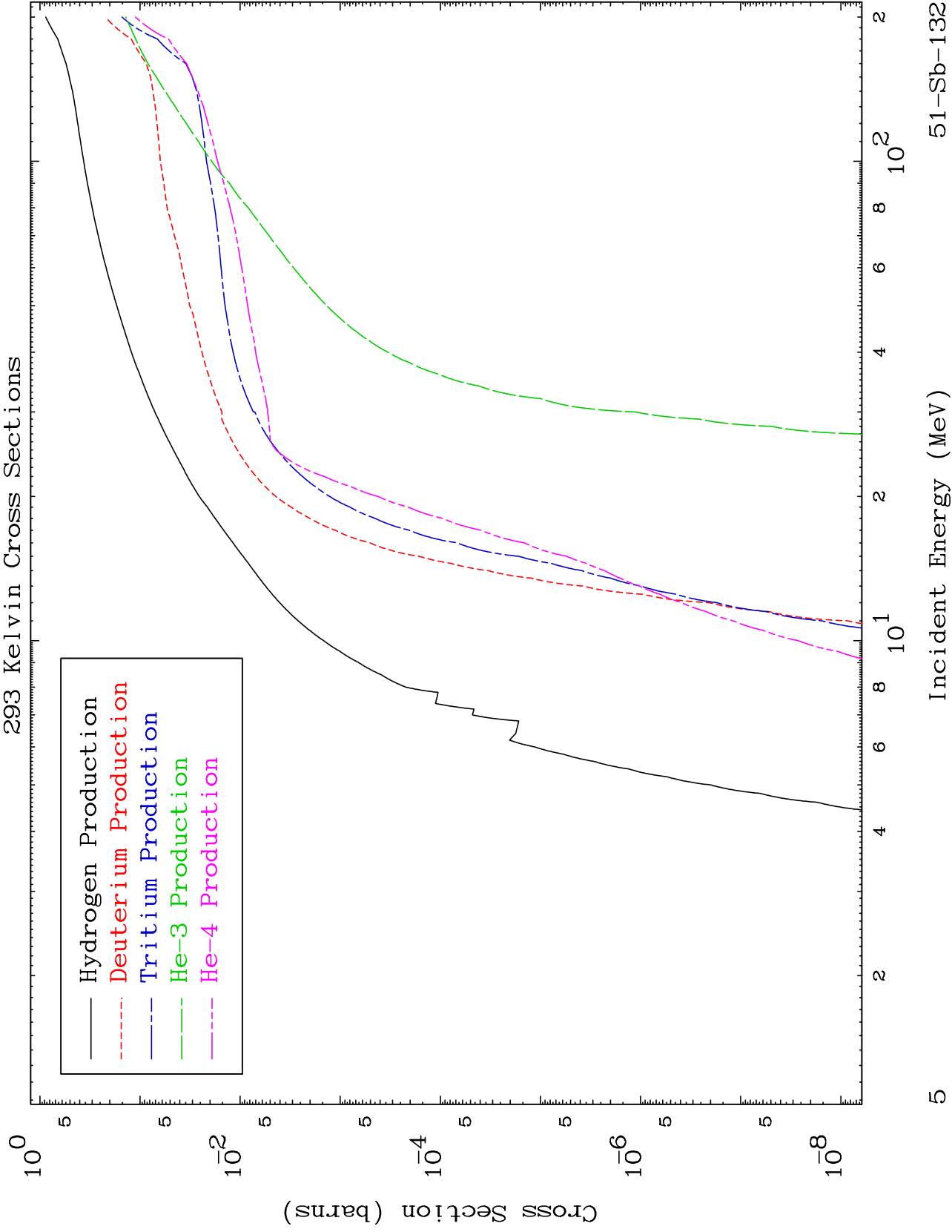
51-Sb-132









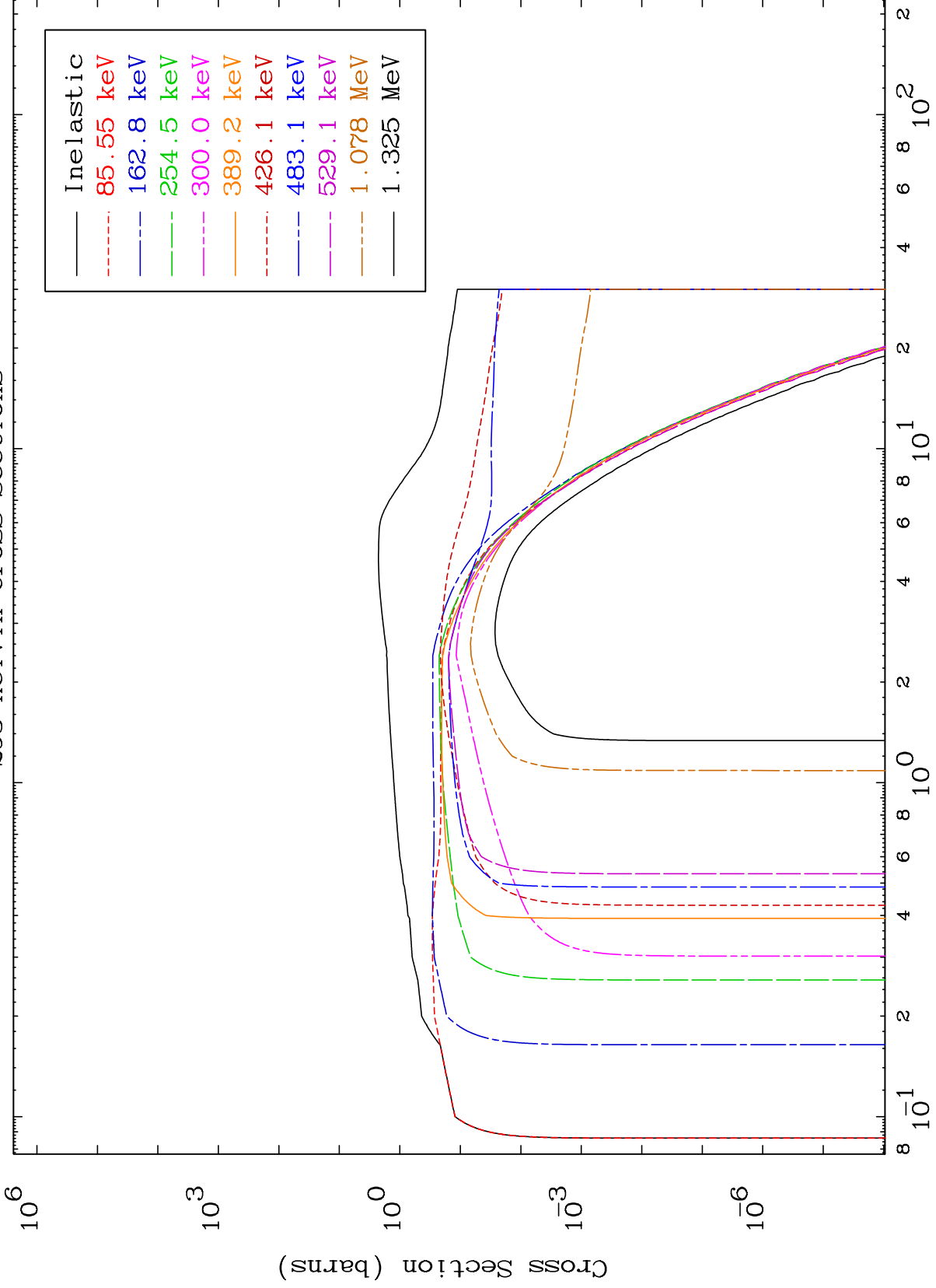


MAT 5158

(n,n') Level

51-Sb-132

293 Kelvin Cross Sections



Incident Energy (MeV)

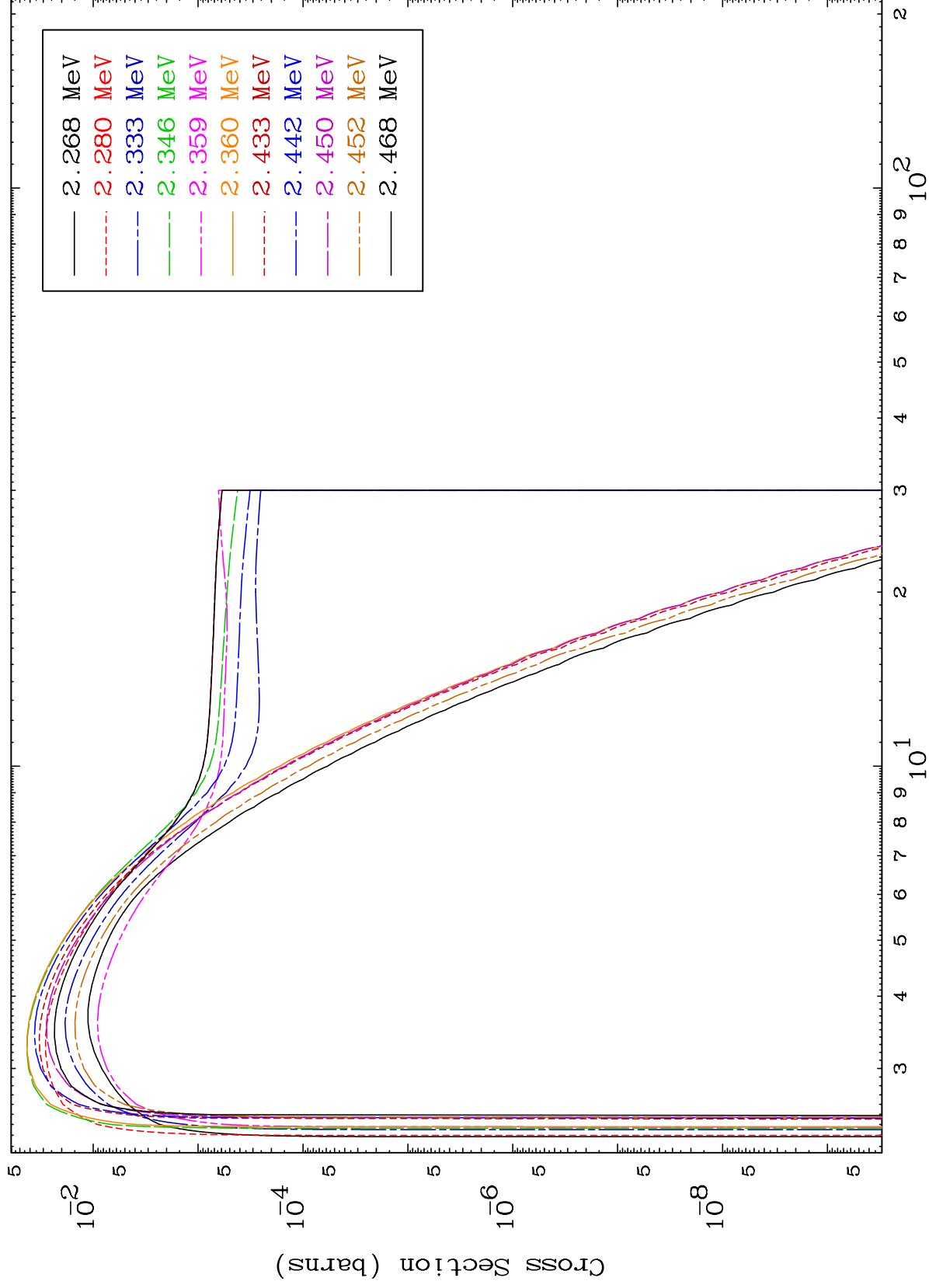
51-Sb-132

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MAT 5158

(n,n') Level
293 Kelvin Cross Sections

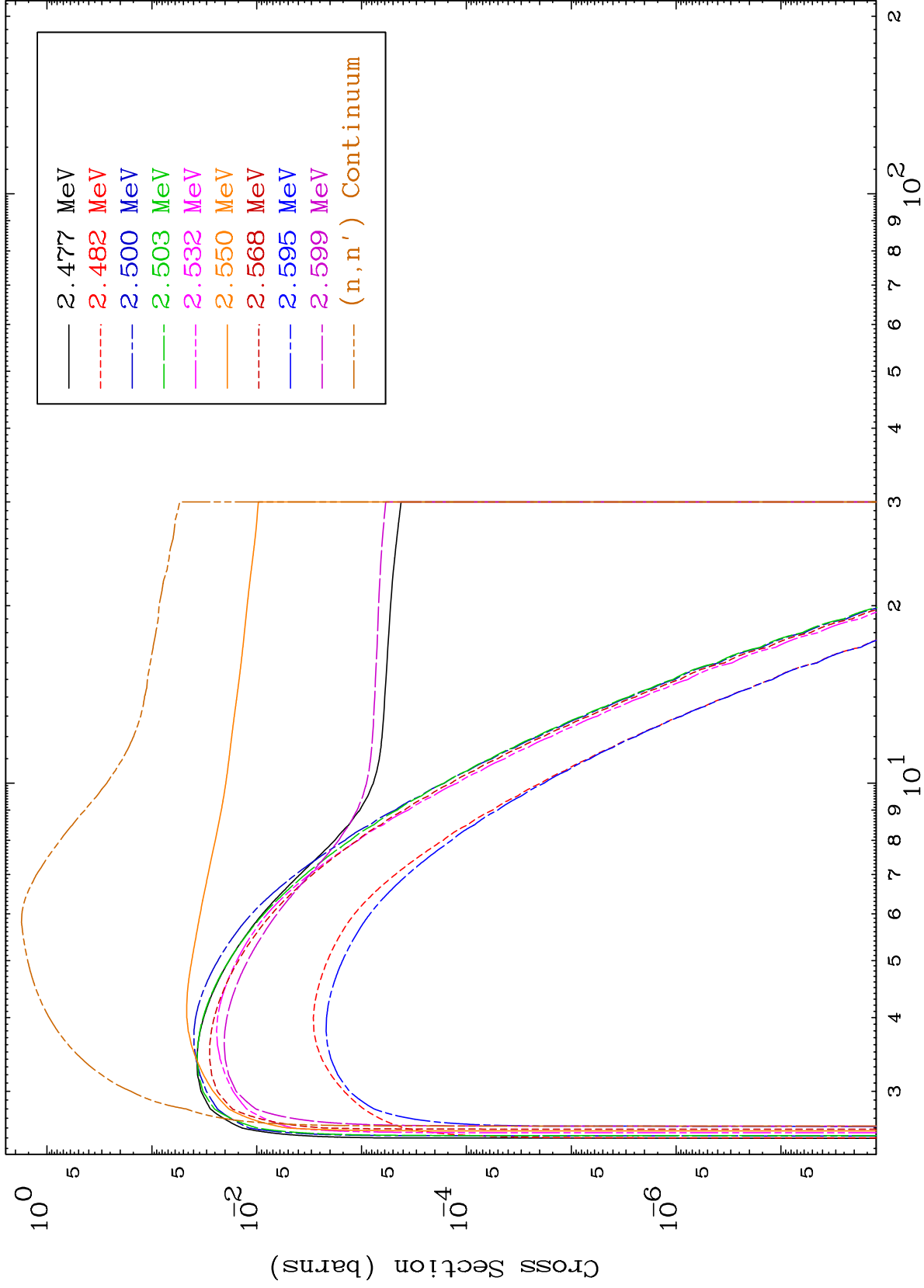
51-Sb-132



7

Incident Energy (MeV)

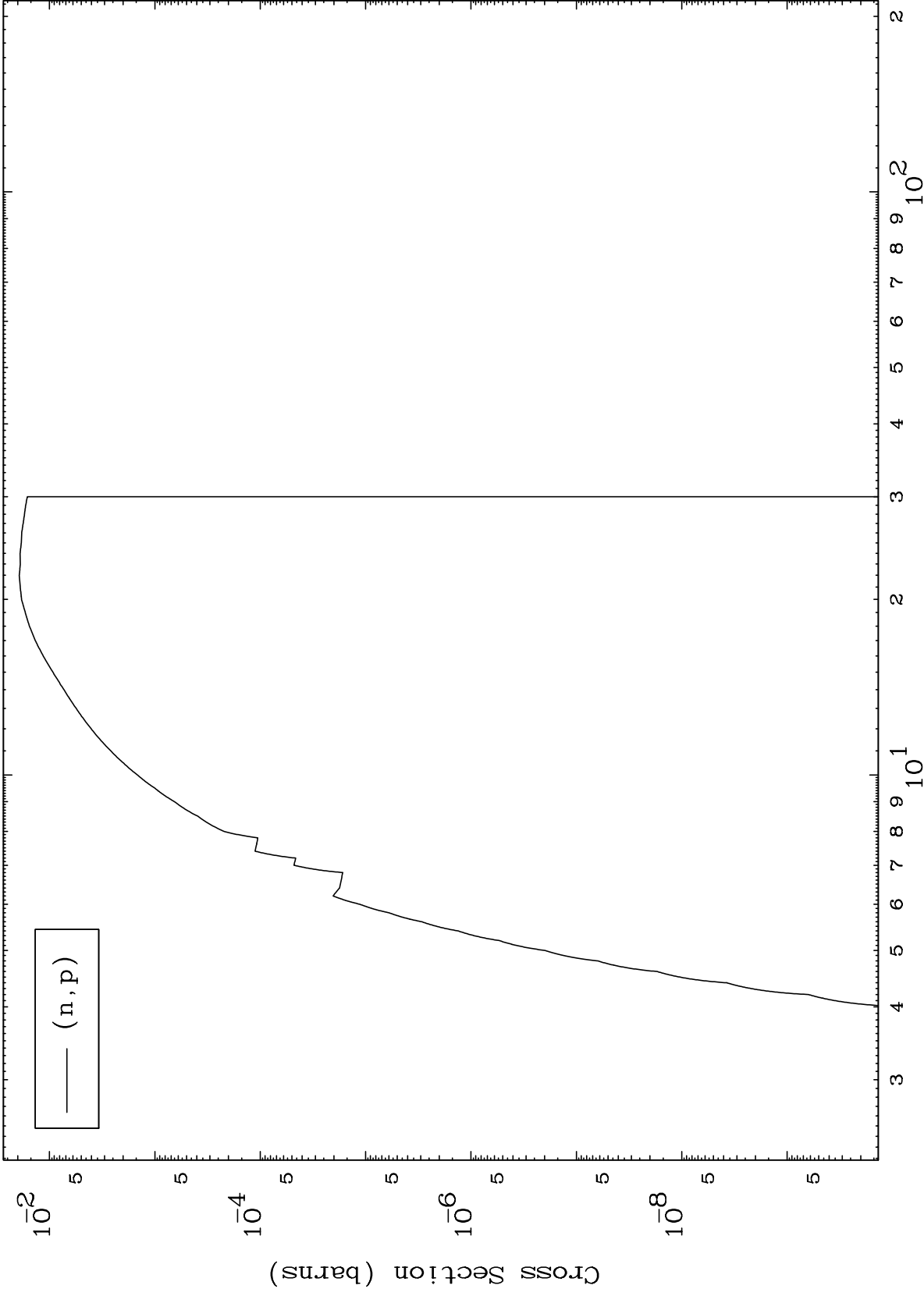
51-Sb-132



MAT 5158

(n,p) Levels
293 Kelvin Cross Sections

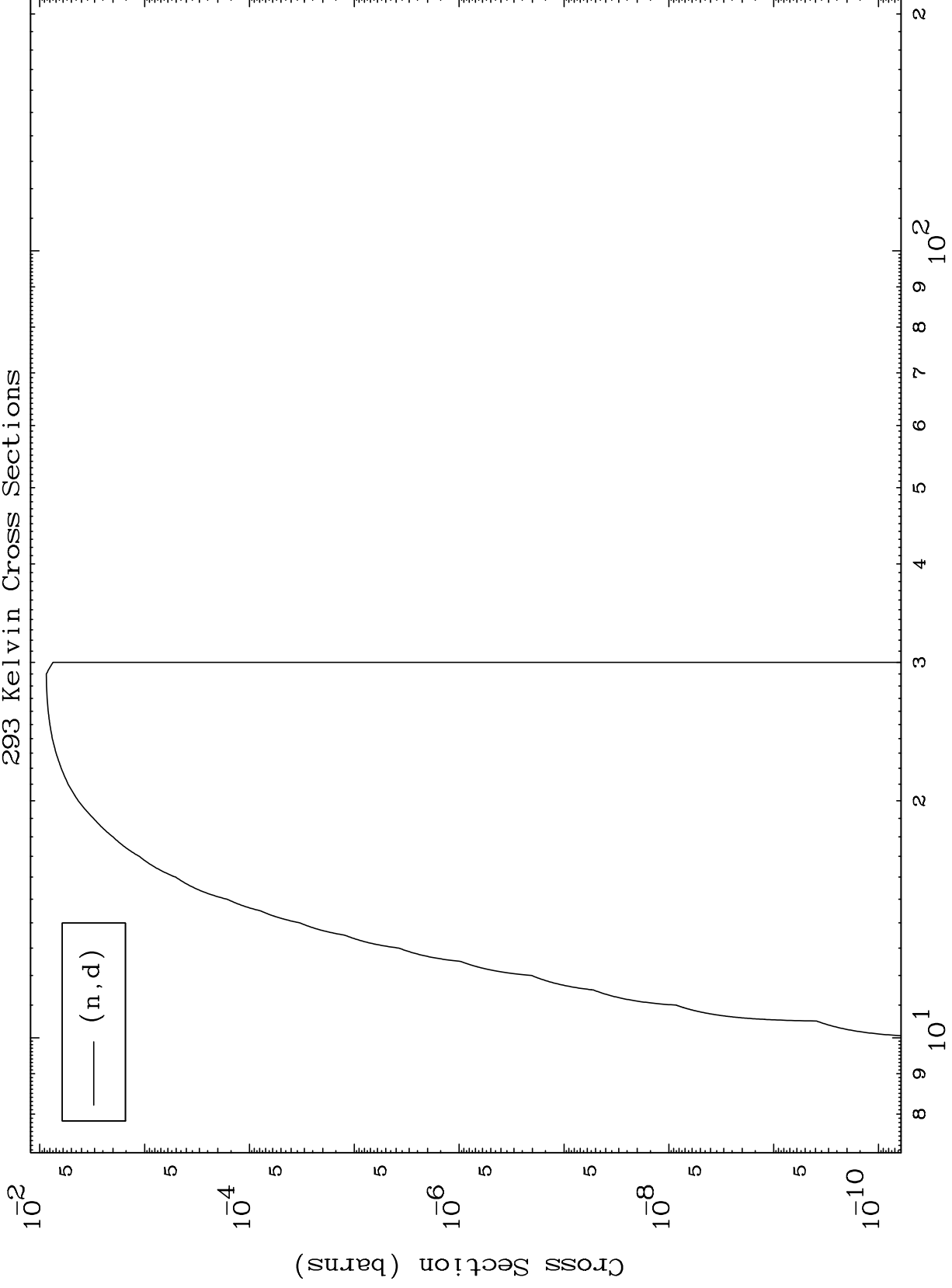
51-Sb-132



MAT 5158

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-132



10

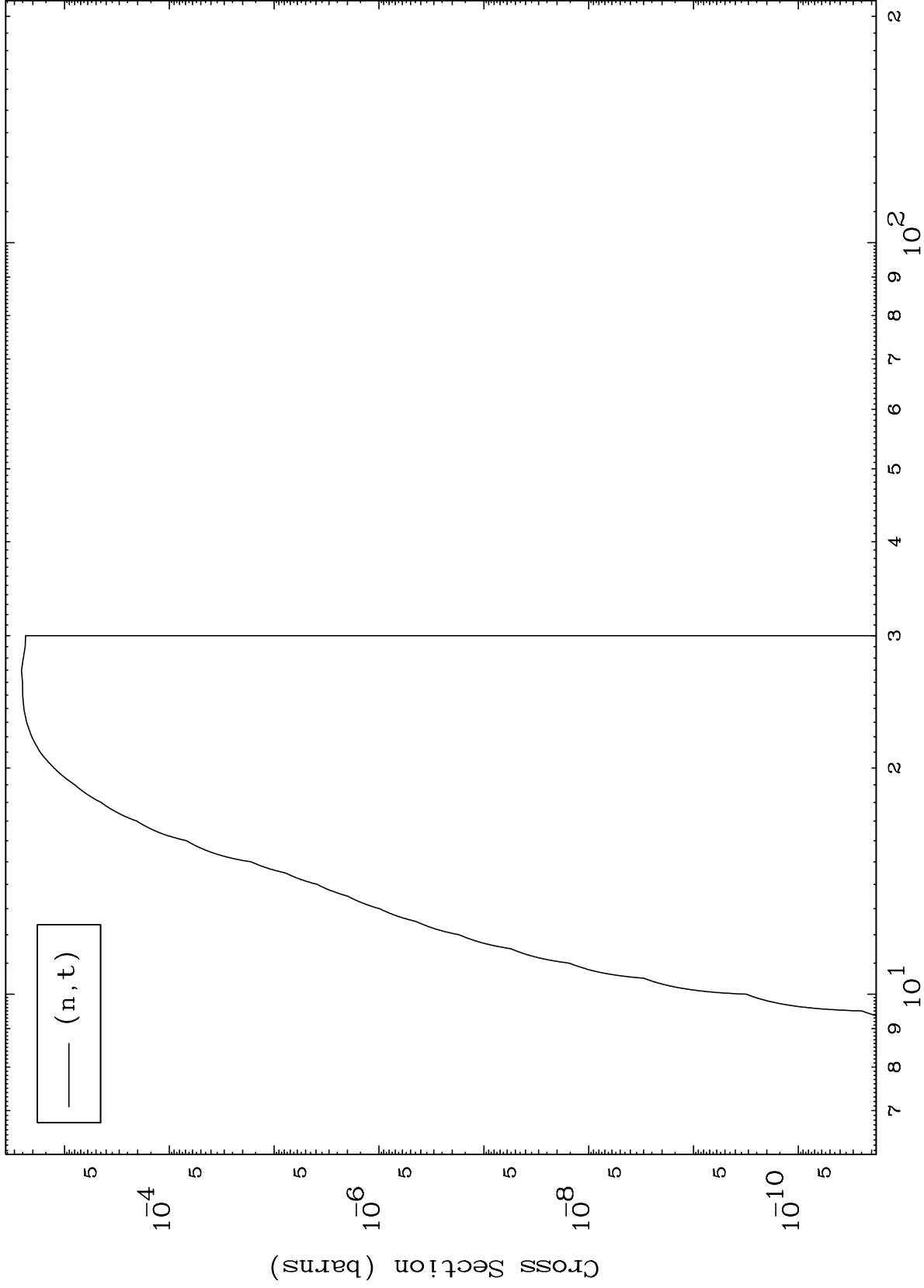
Incident Energy (MeV)

51-Sb-132

MAT 5158

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-132



11

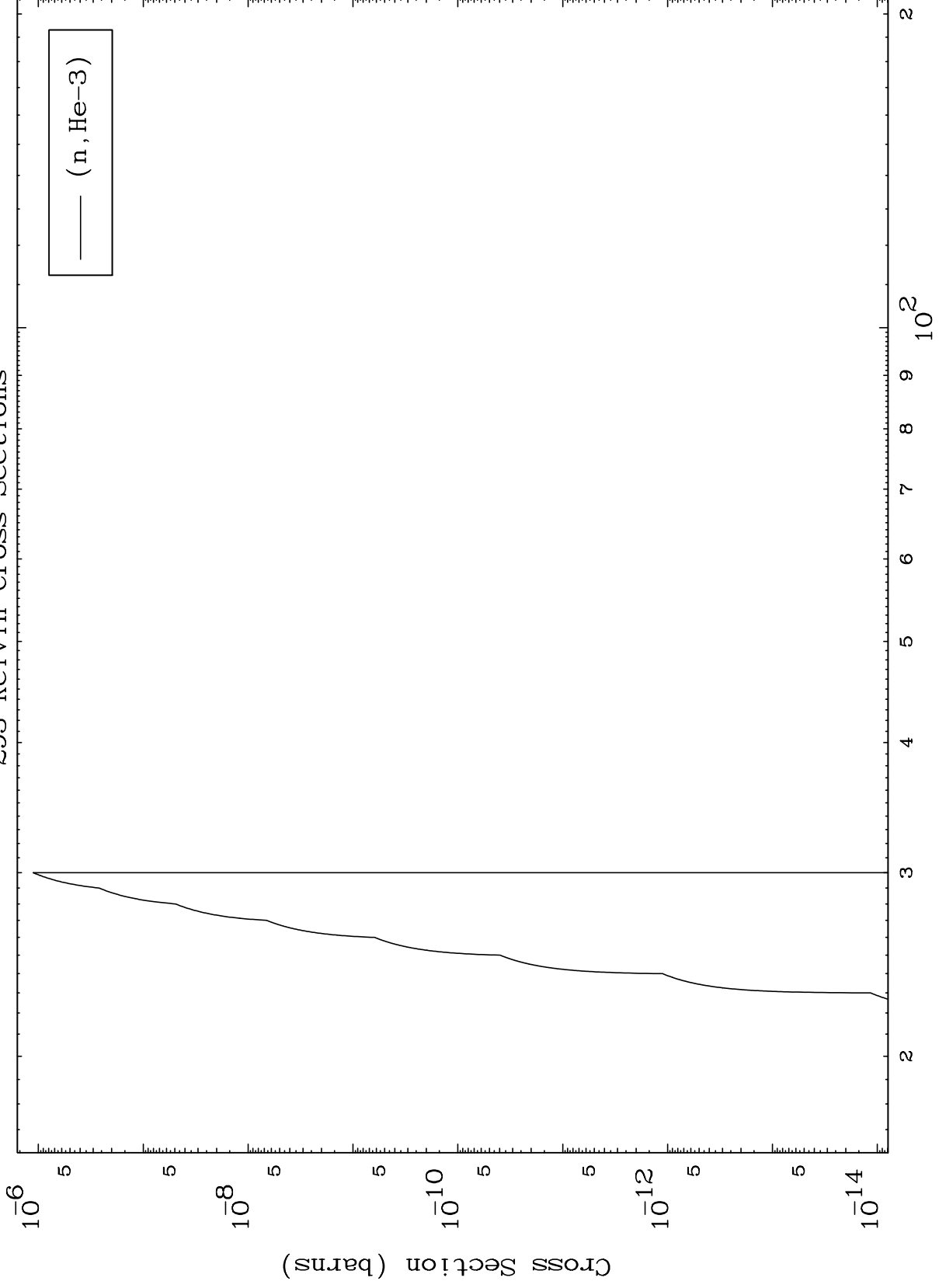
Incident Energy (MeV)

51-Sb-132

MAT 5158

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-132



12

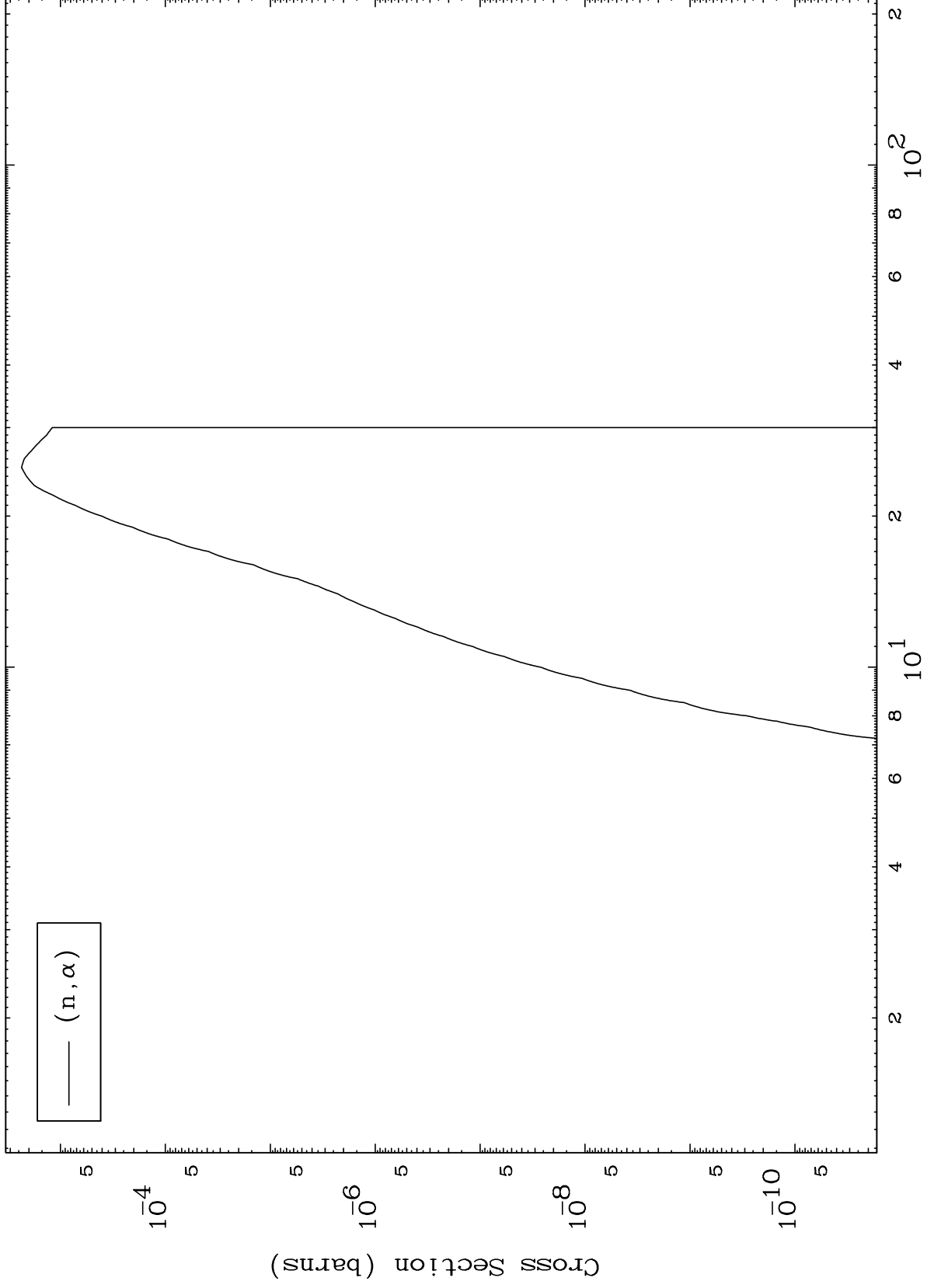
Incident Energy (MeV)

51-Sb-132

MAT 5158

(n, α) Levels
293 Kelvin Cross Sections

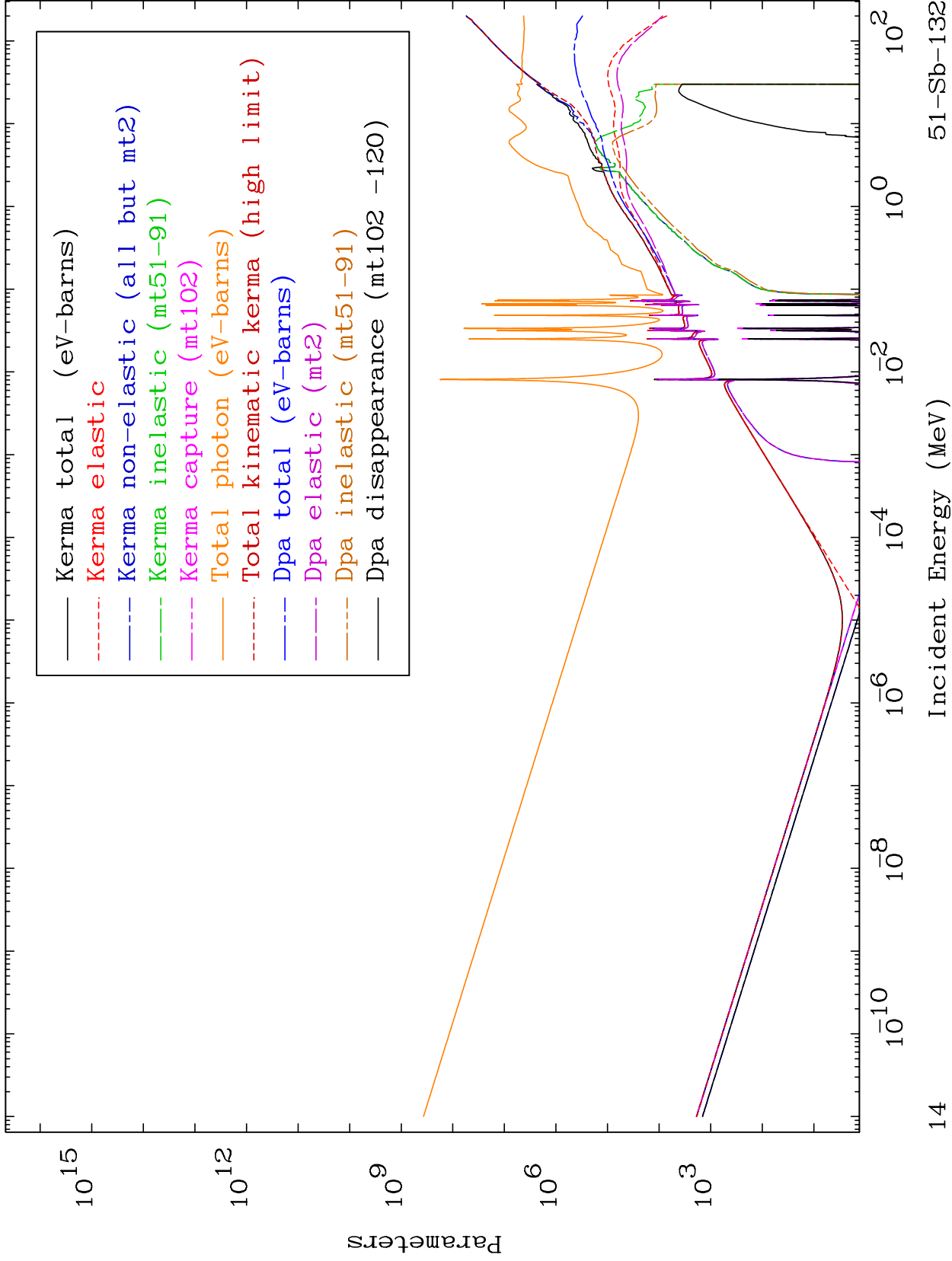
51-Sb-132



13

Incident Energy (MeV)

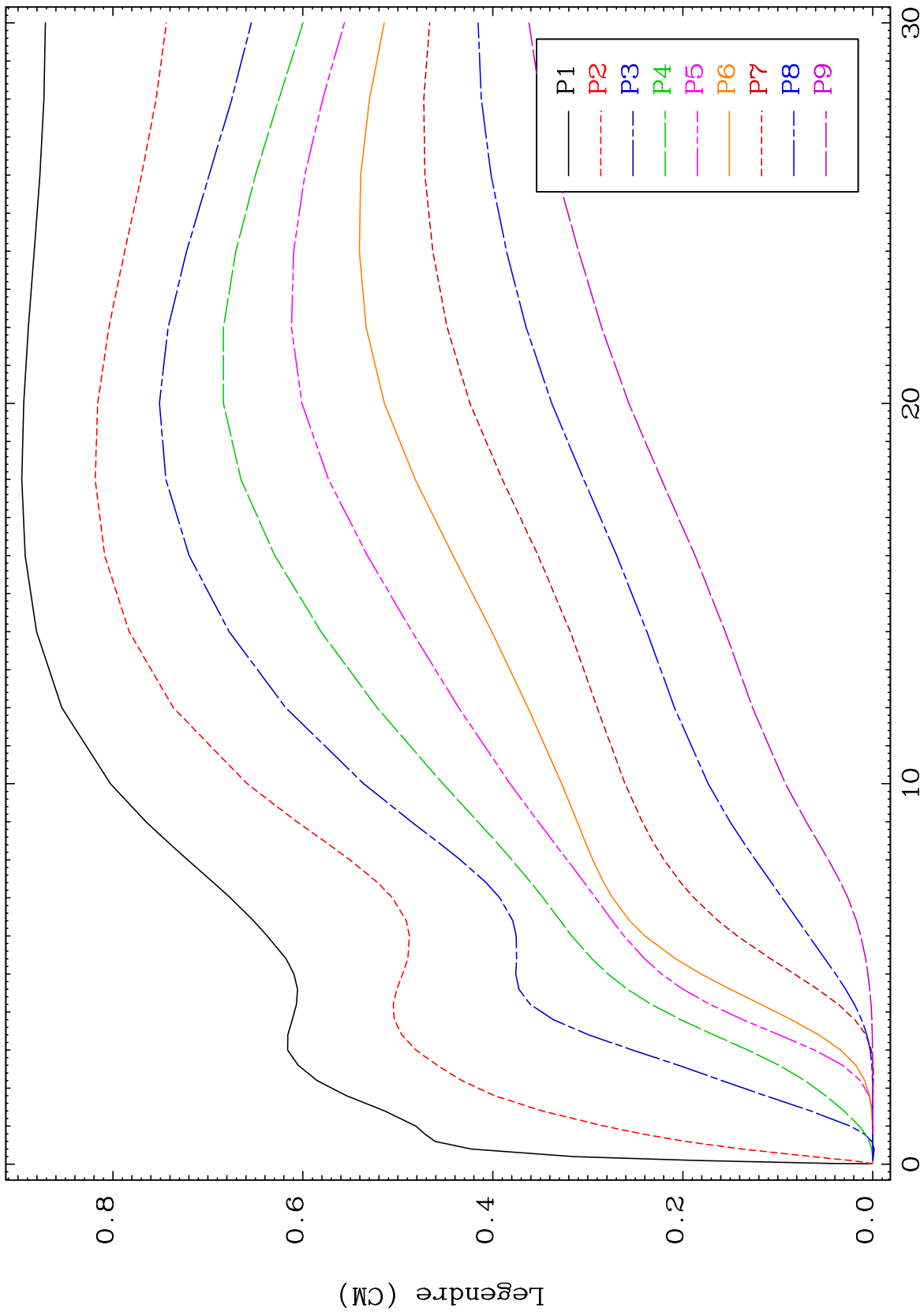
51-Sb-132



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51-Sb-132

Elastic Legendre Coefficients



51-Sb-132

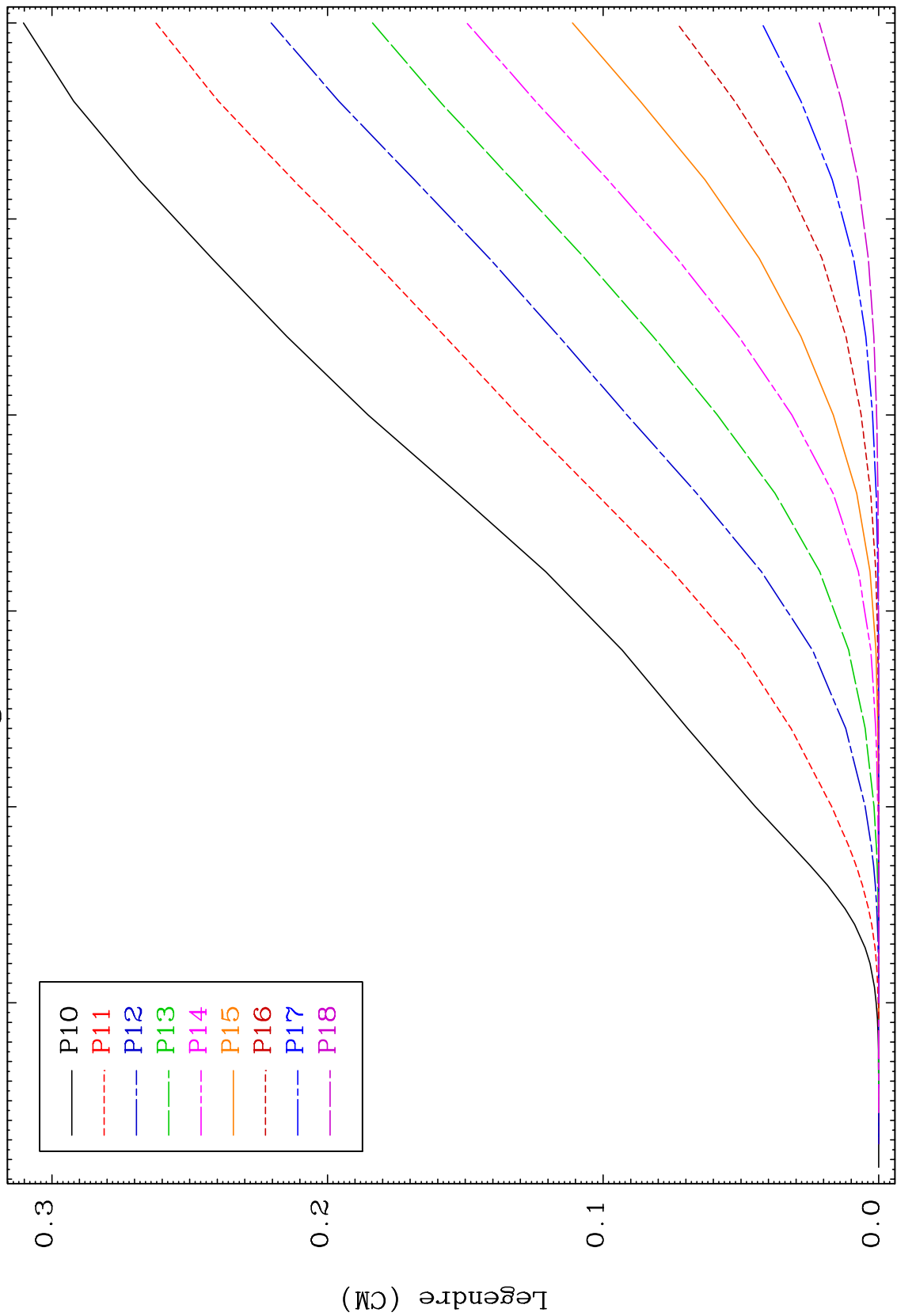
Incident Energy (MeV)

15

MAT 5158

Elastic Legendre Coefficients

51-Sb-132



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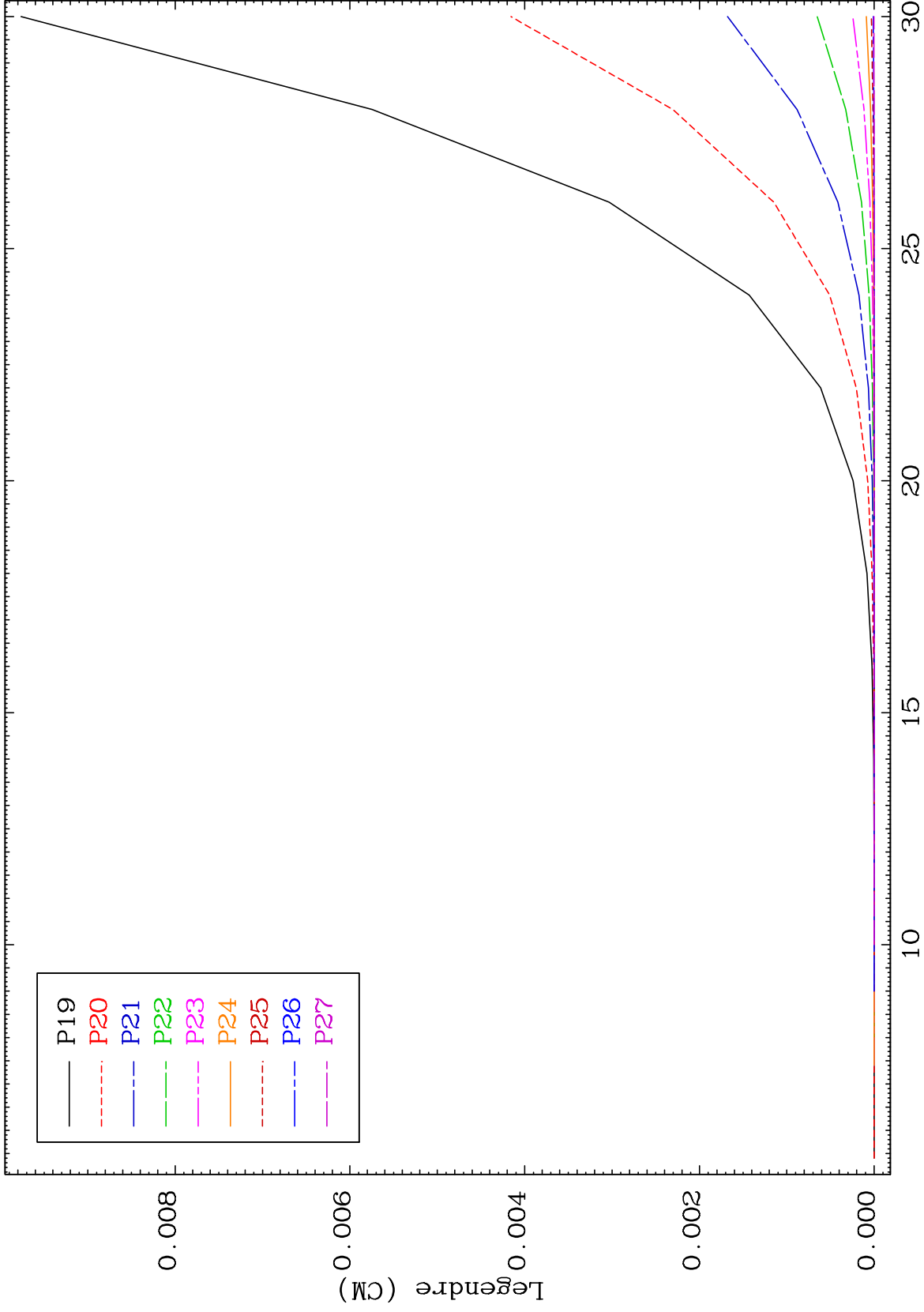
Incident Energy (MeV)

51-Sb-132

MAT 5158

Elastic Legendre Coefficients

51-Sb-132



17

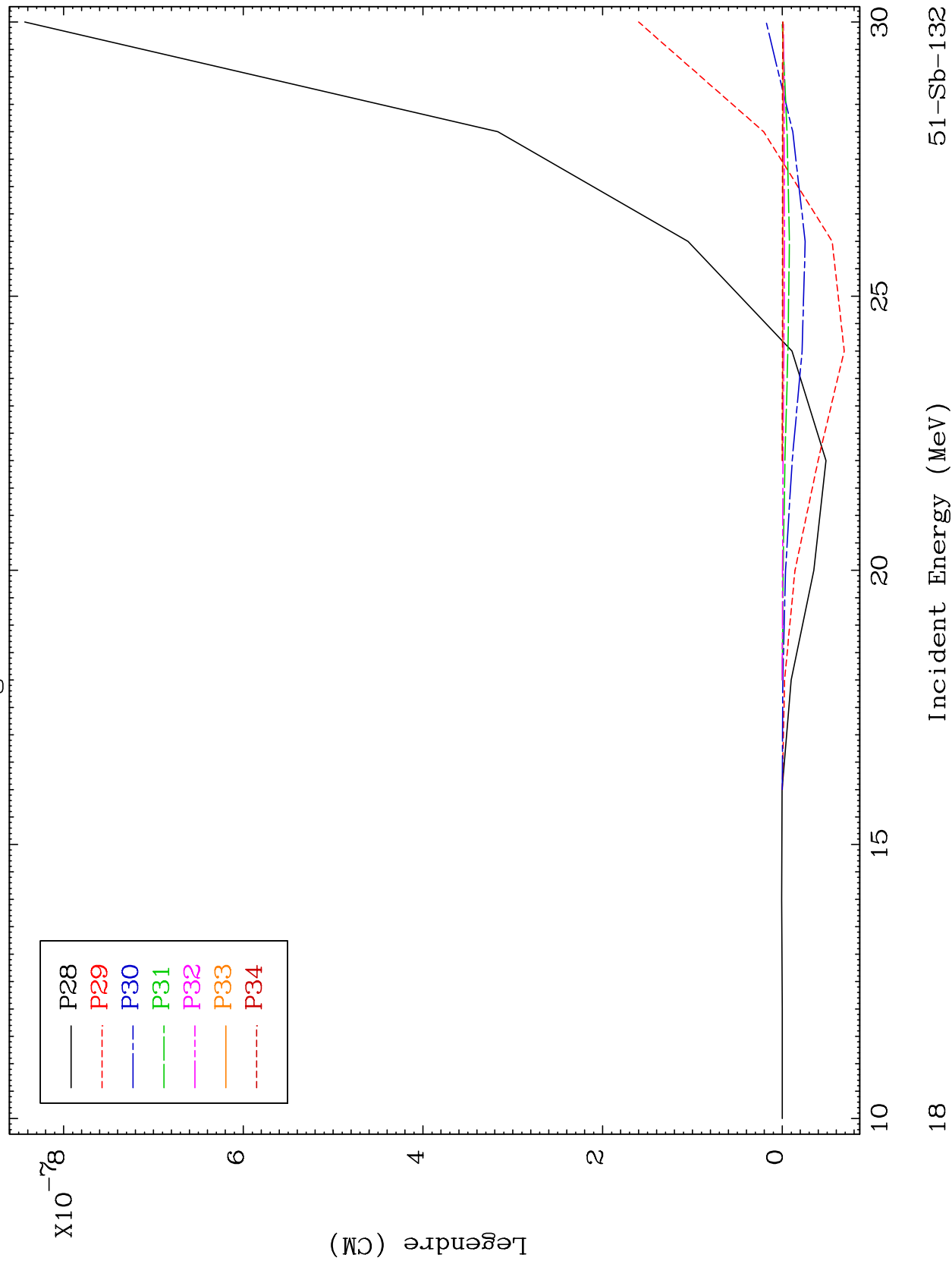
Incident Energy (MeV)

51-Sb-132

MAT 5158

Elastic Legendre Coefficients

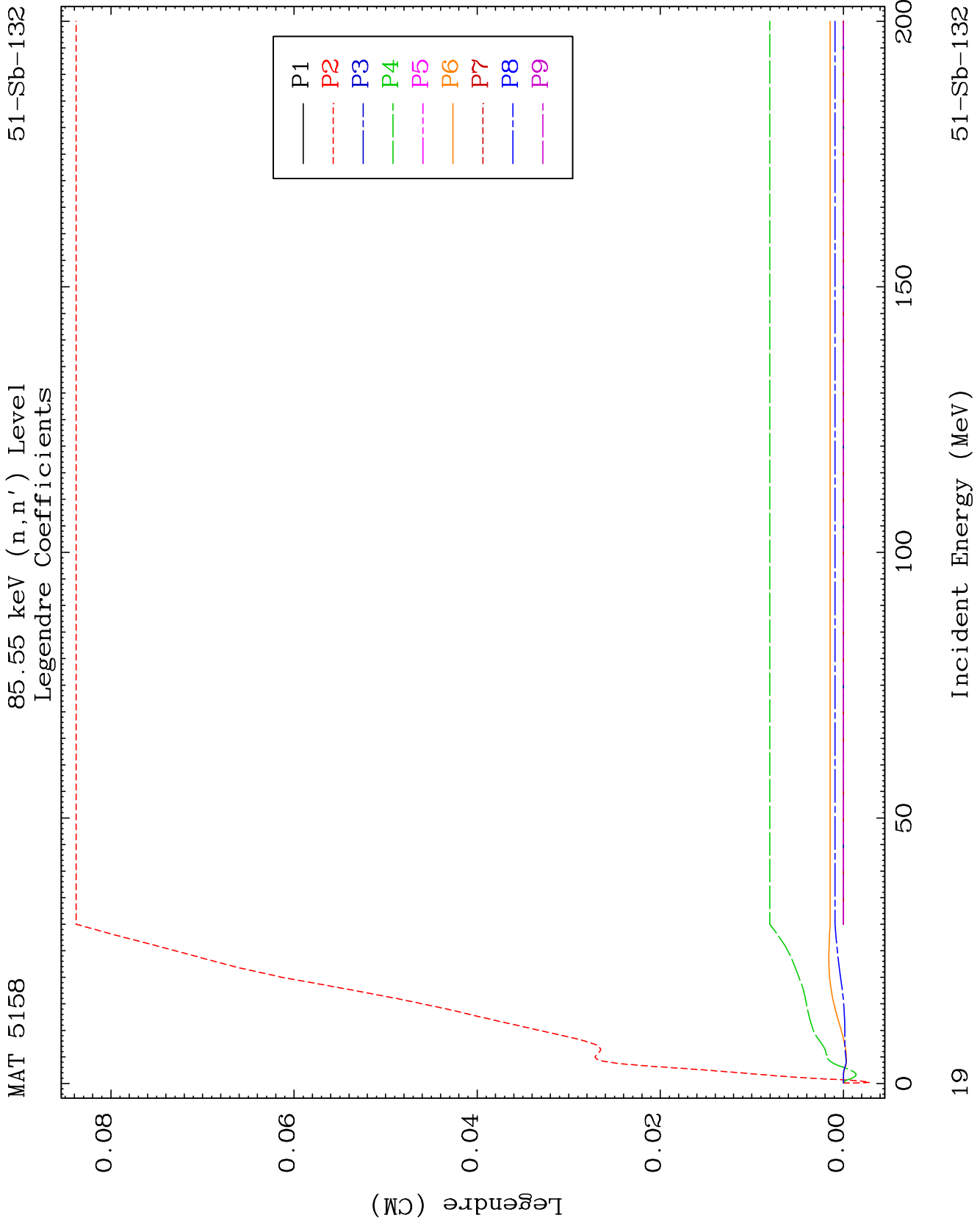
51-Sb-132



18

Incident Energy (MeV)

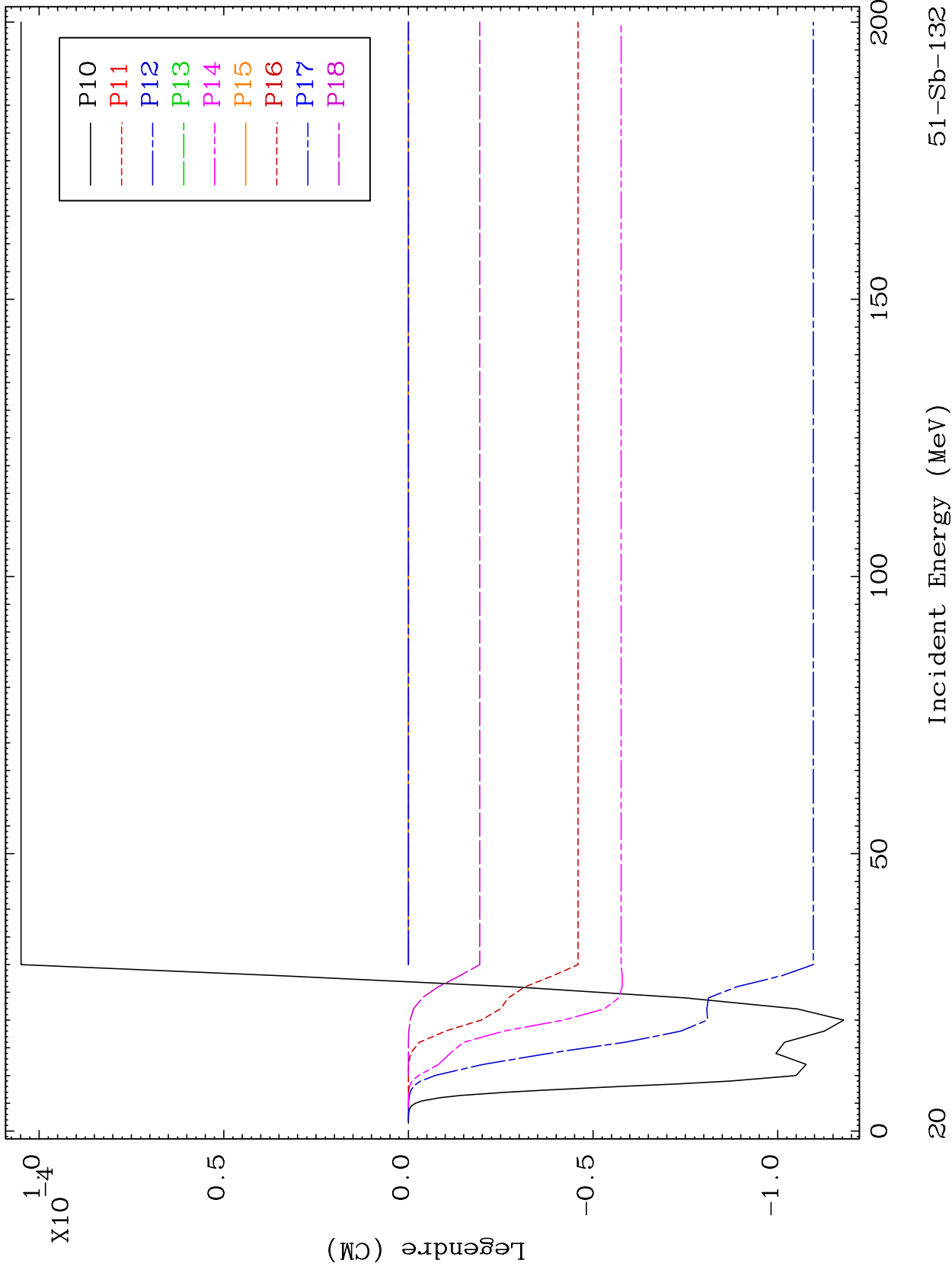
51-Sb-132

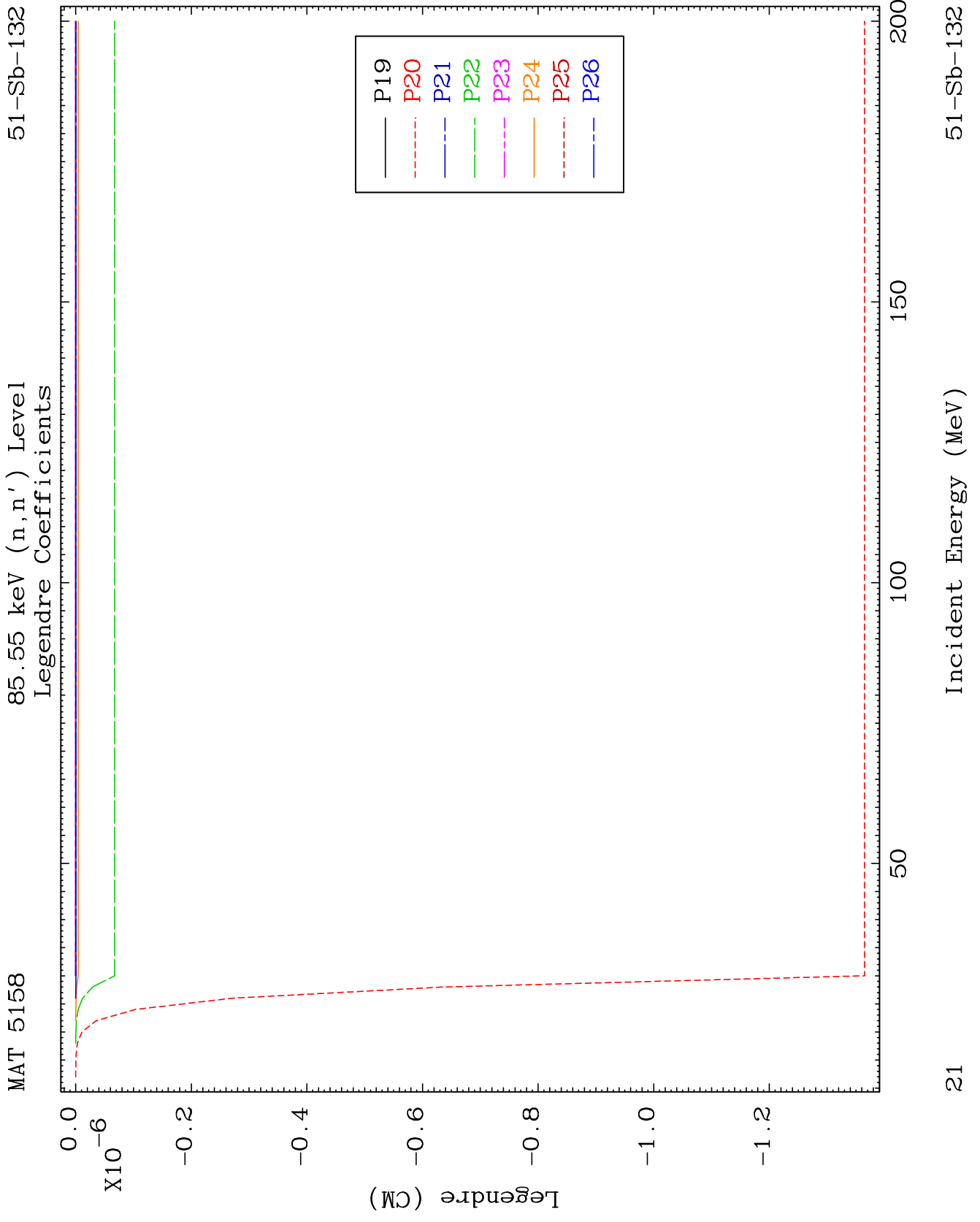


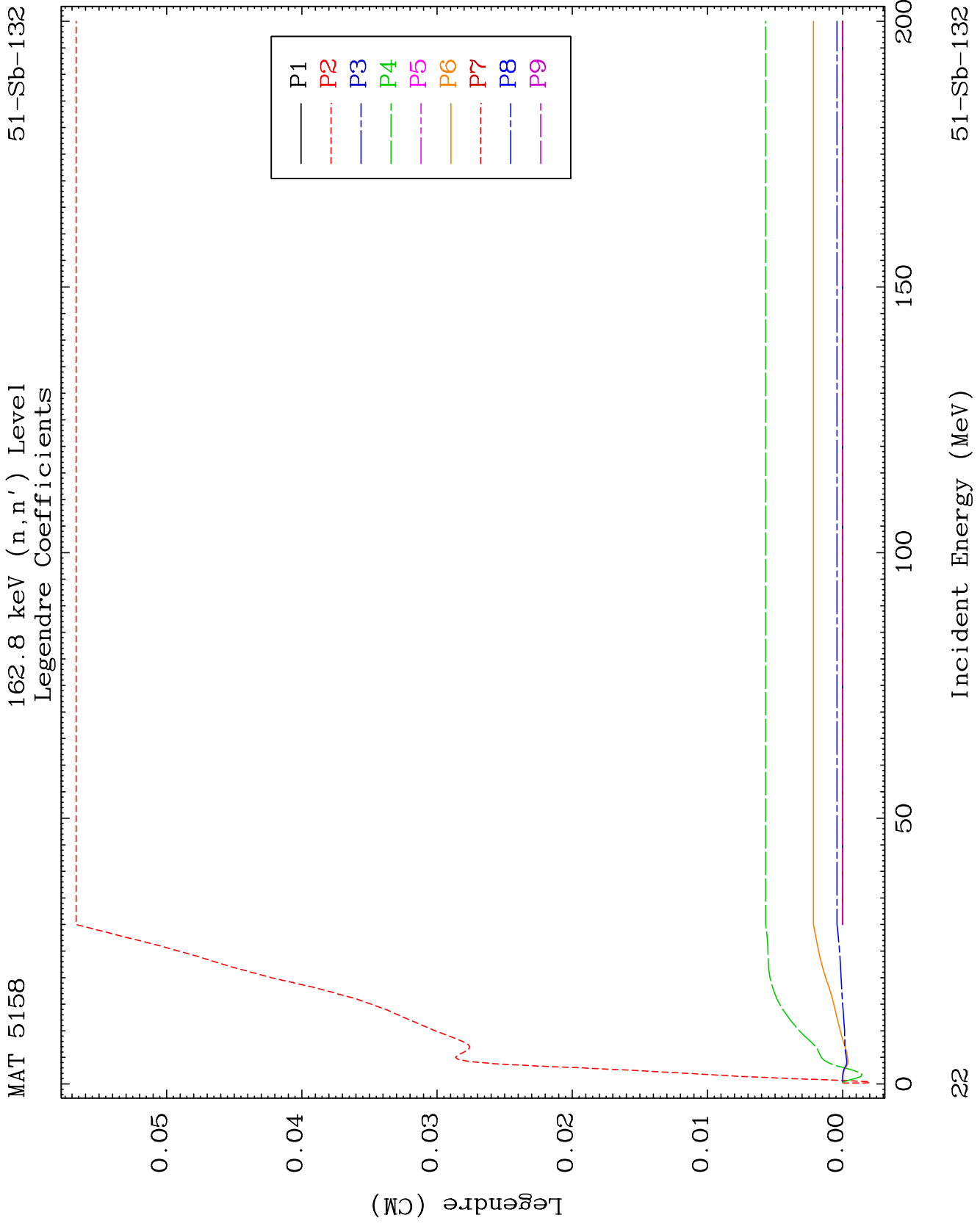
MAT 5158

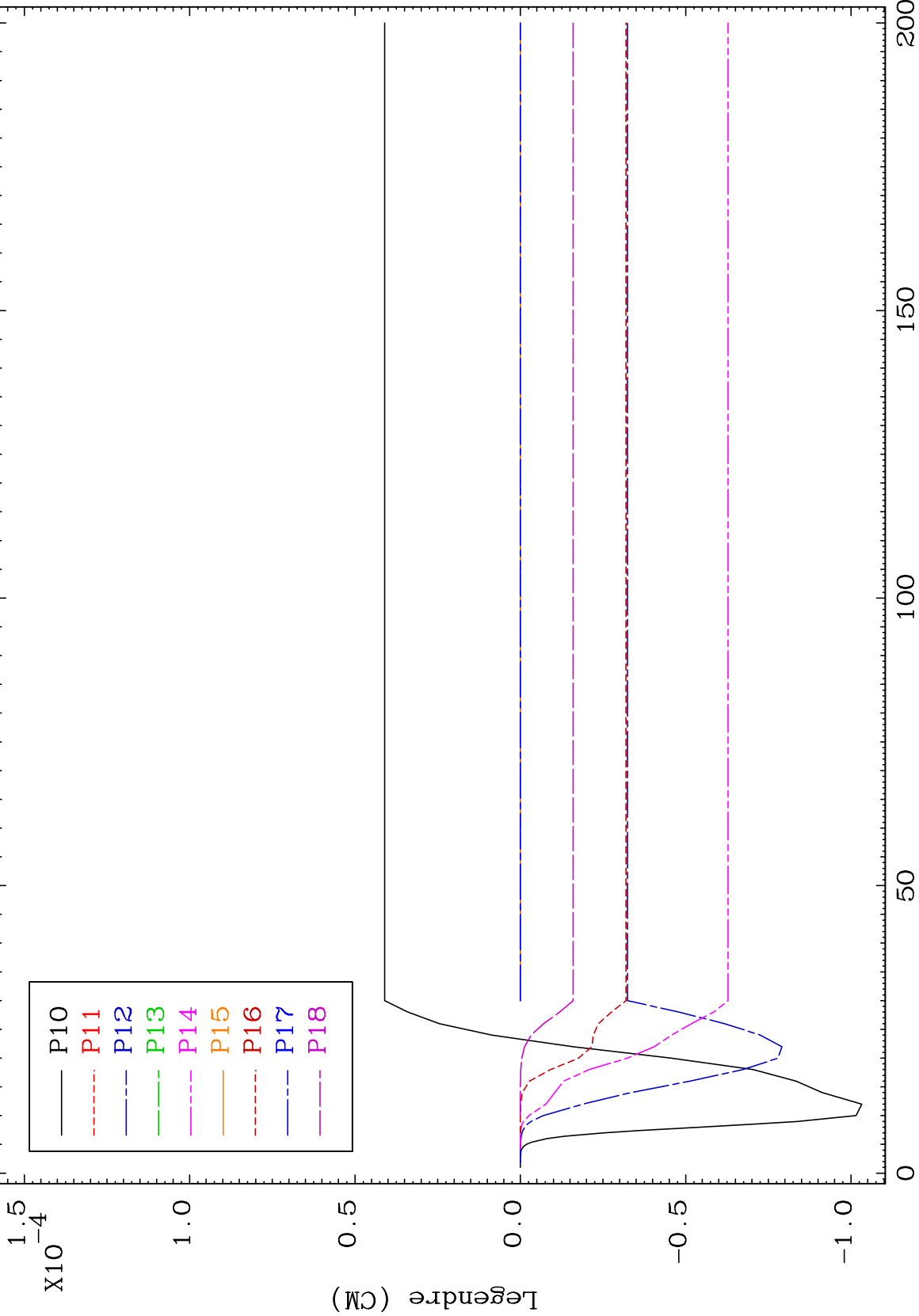
85.55 keV (n,n') Level
Legendre Coefficients

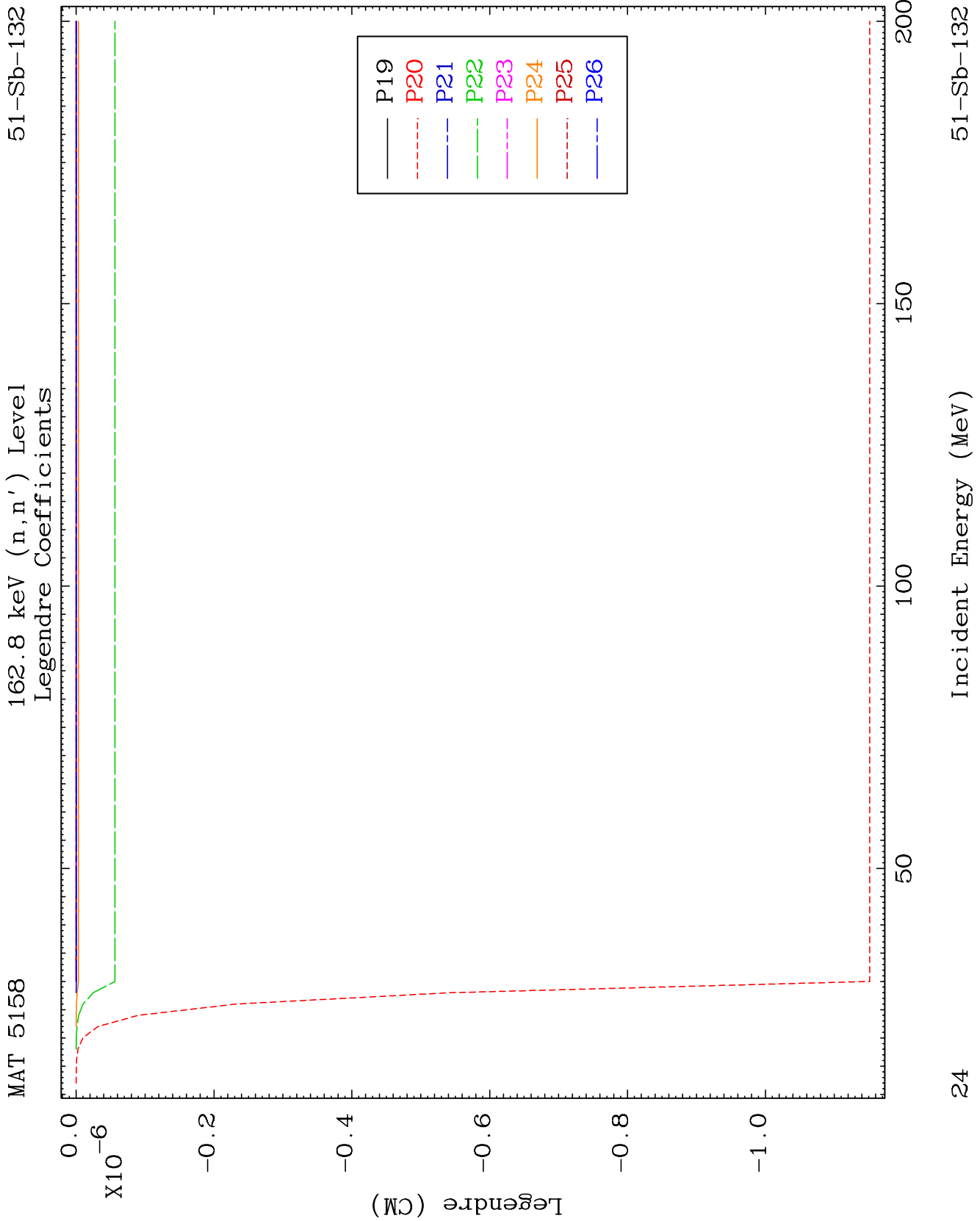
51-Sb-132

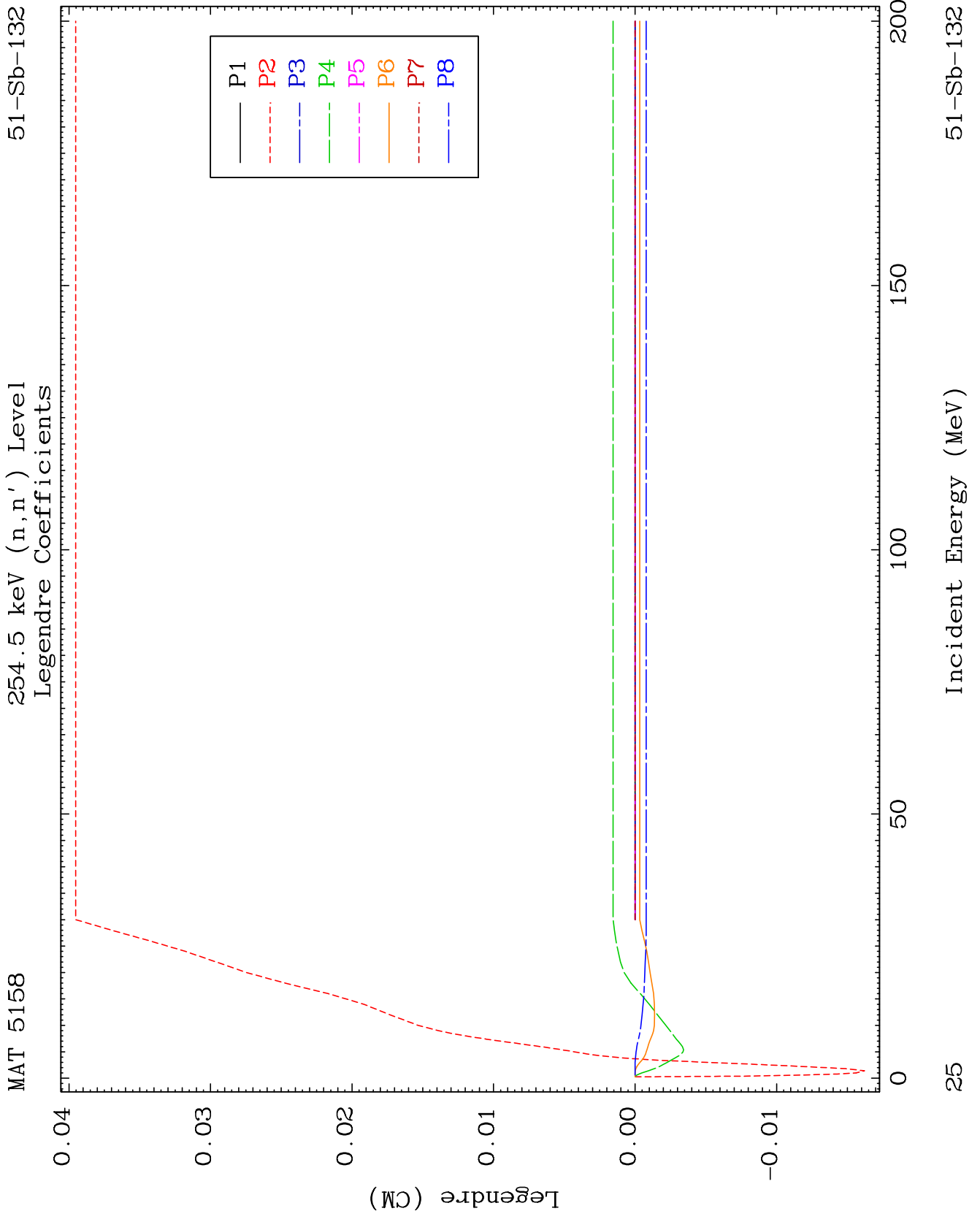


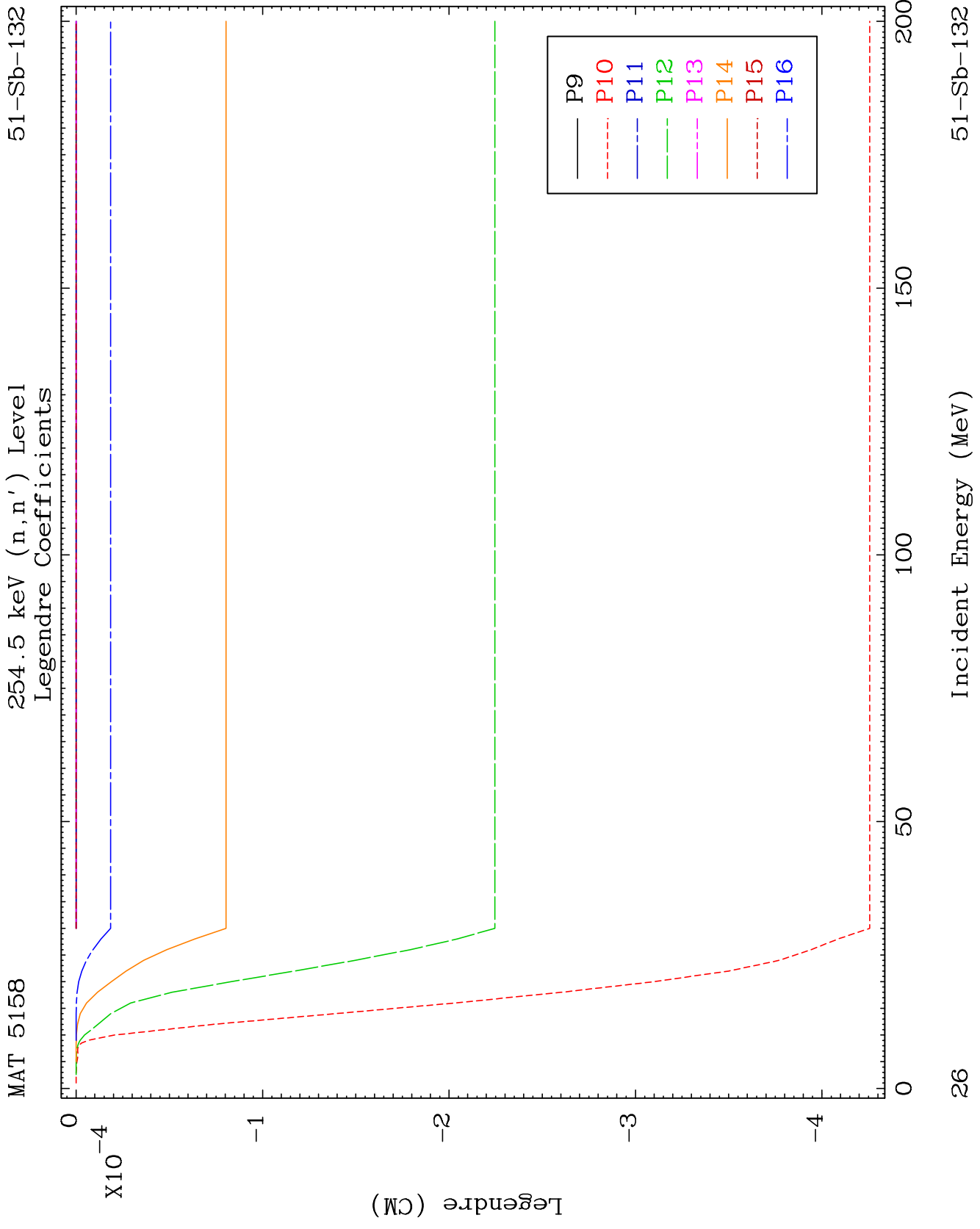








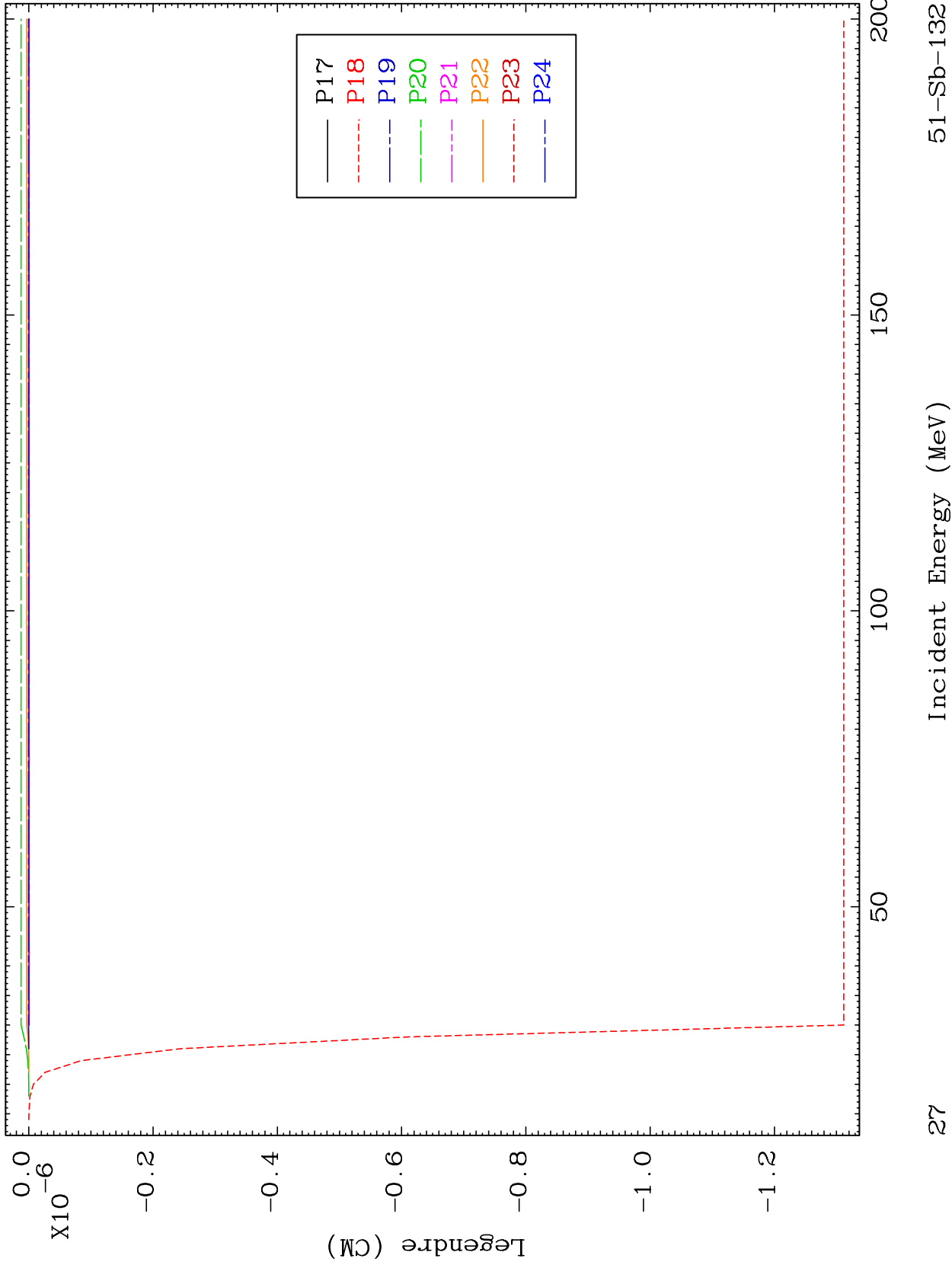




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254.5 keV (n,n') Level
Legendre Coefficients

51-Sb-132

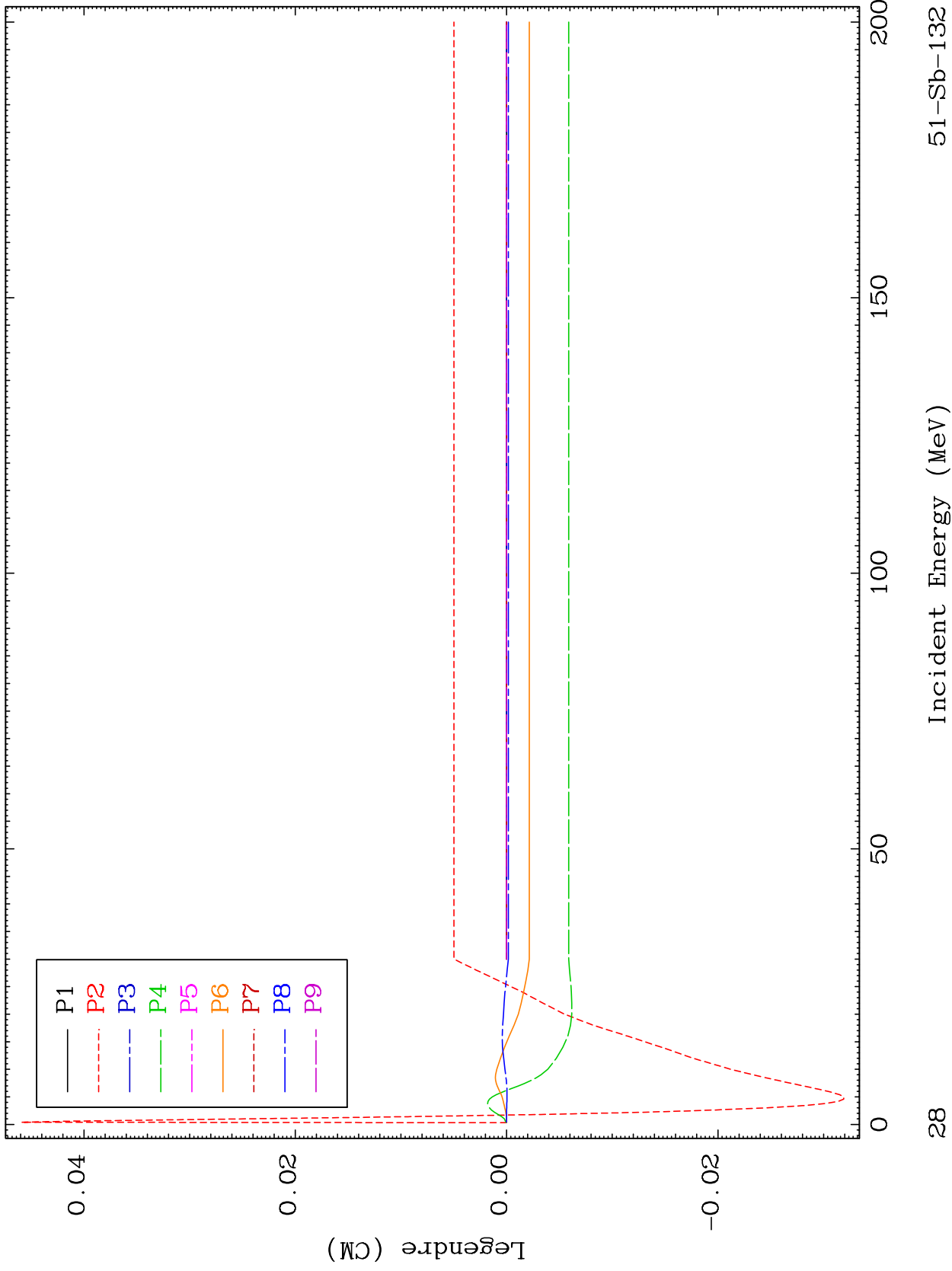


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300.0 keV (n,n') Level
Legendre Coefficients

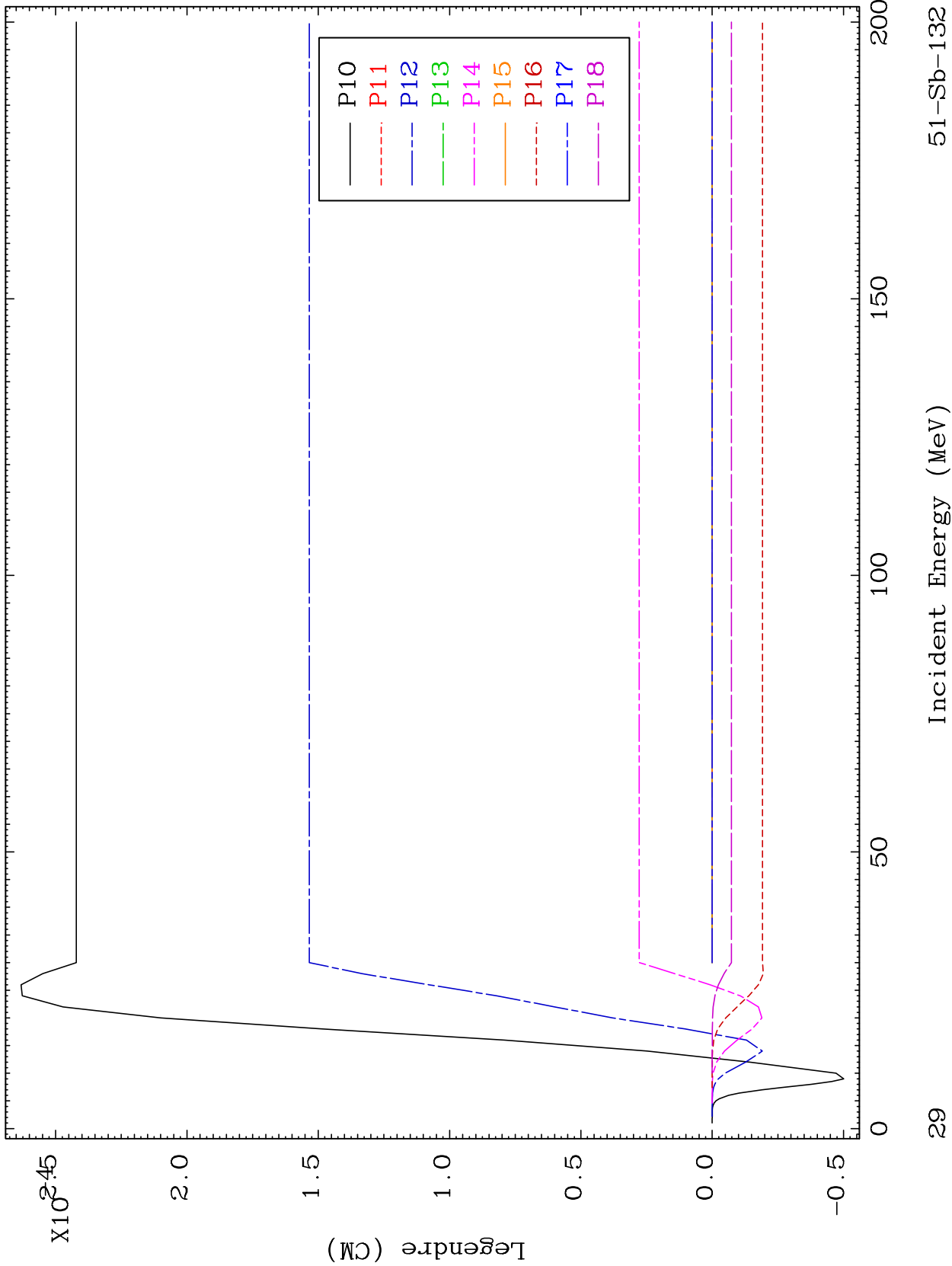
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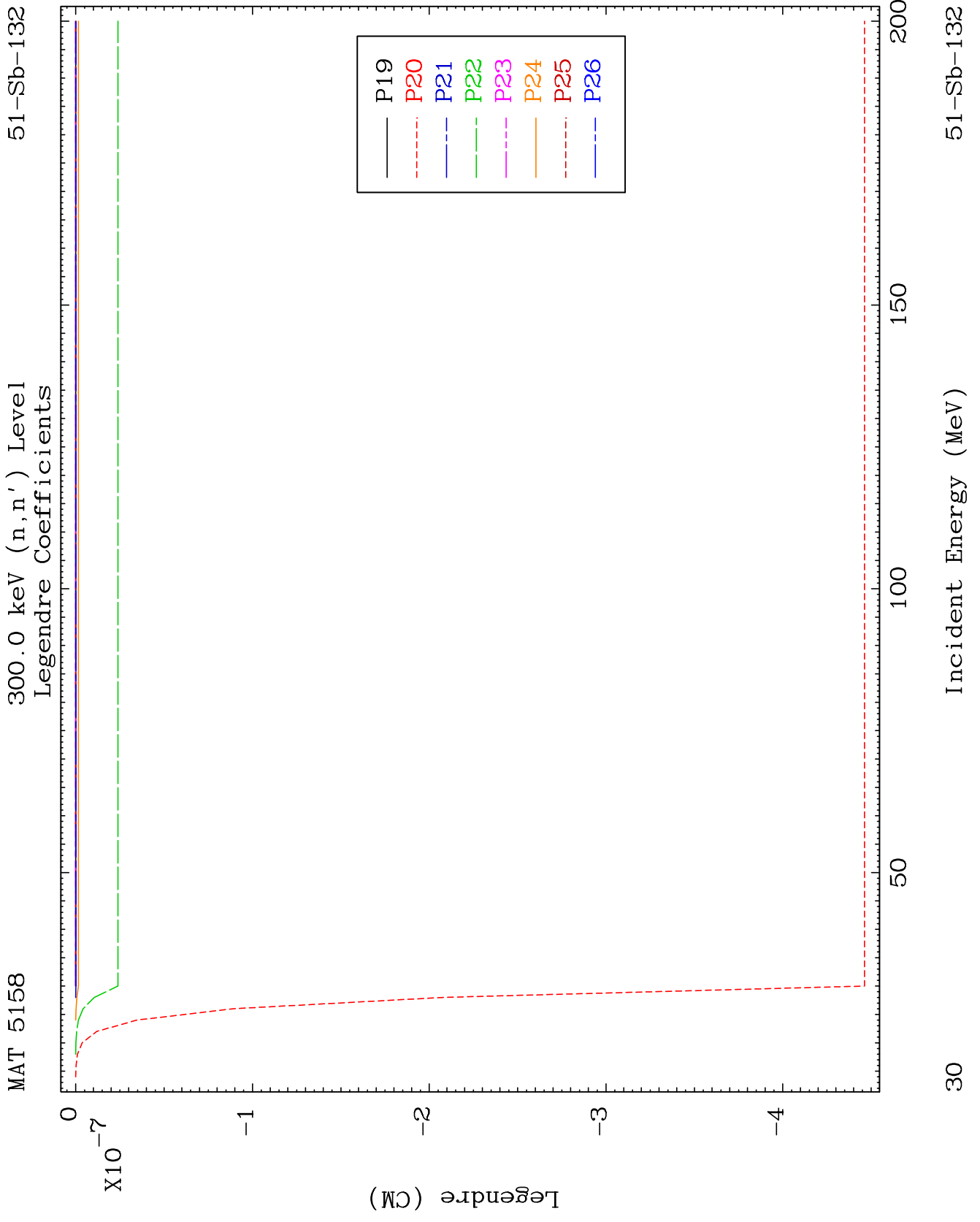


51-Sb-132

Incident Energy (MeV)

28

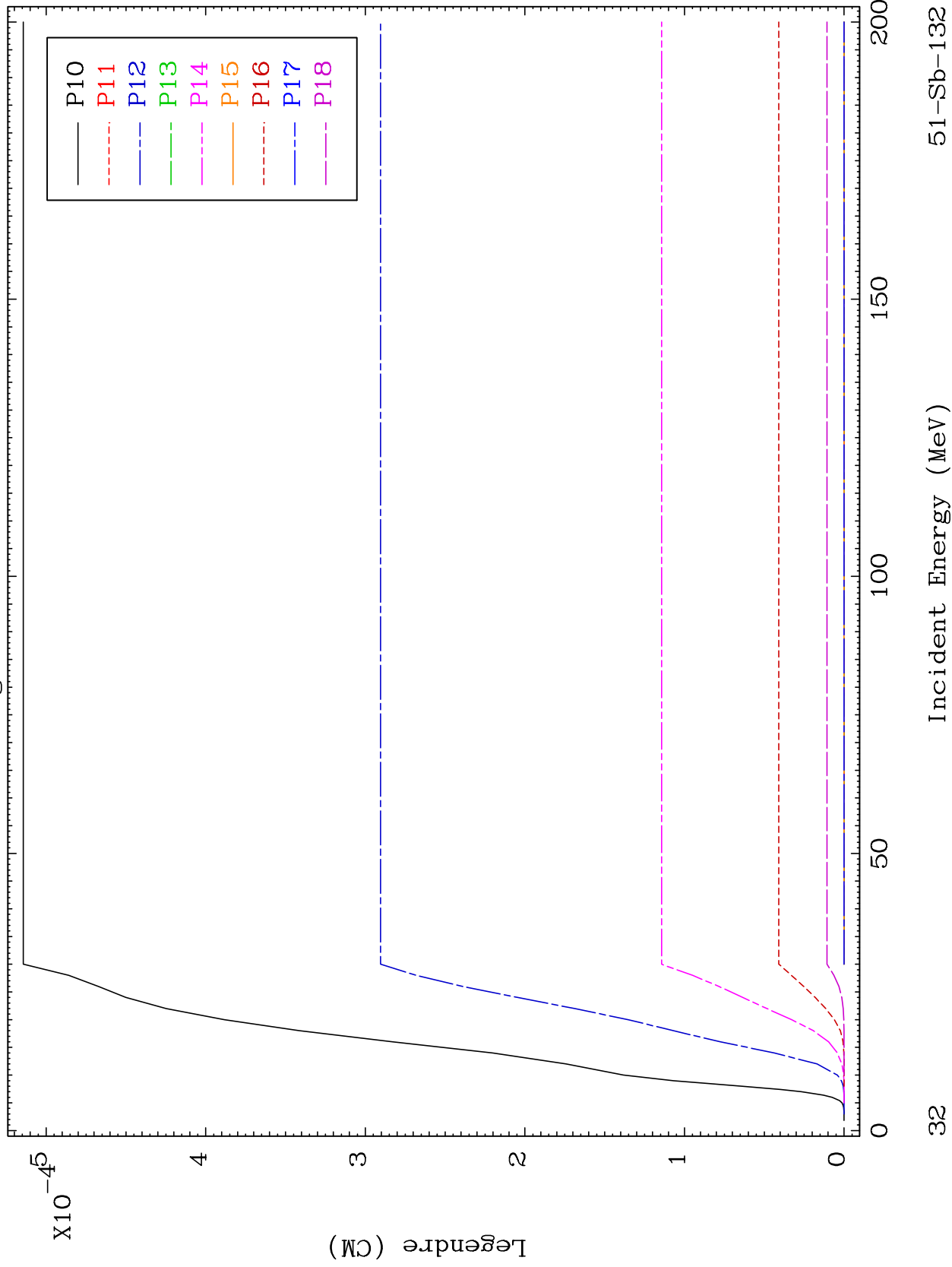




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389.2 keV (n,n') Level
Legendre Coefficients

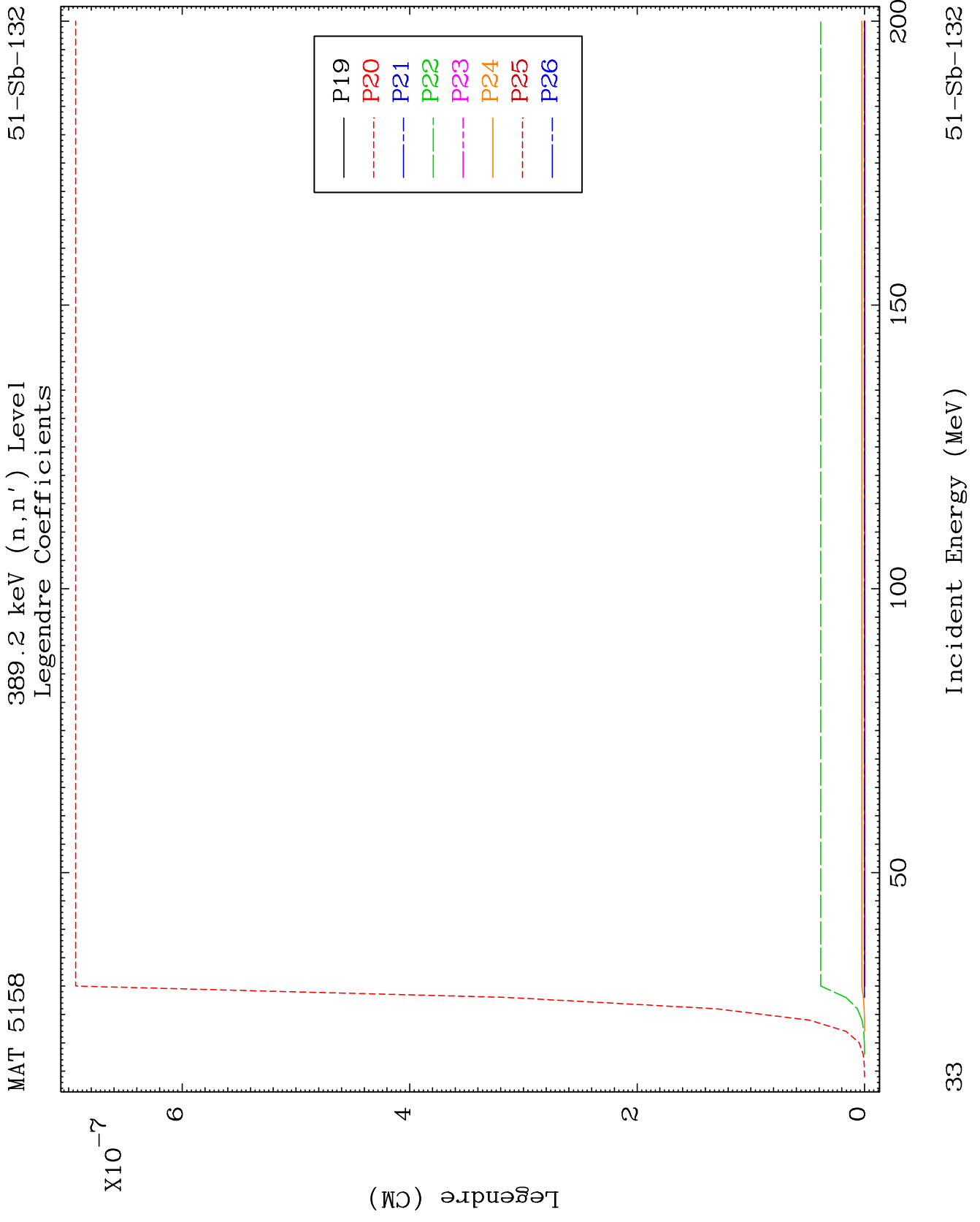
51-Sb-132



51-Sb-132

Incident Energy (MeV)

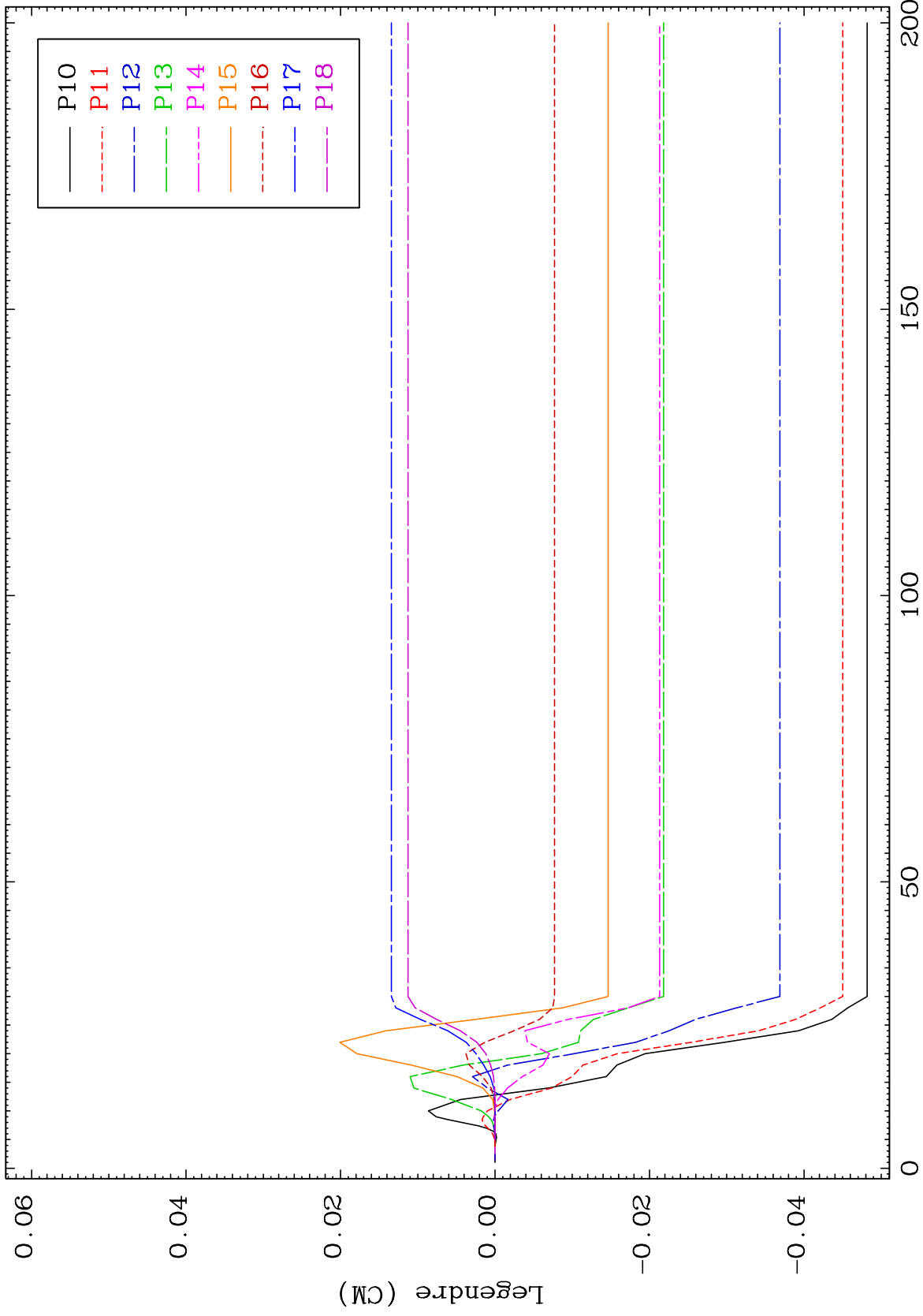
32



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426.1 keV (n,n') Level
Legendre Coefficients

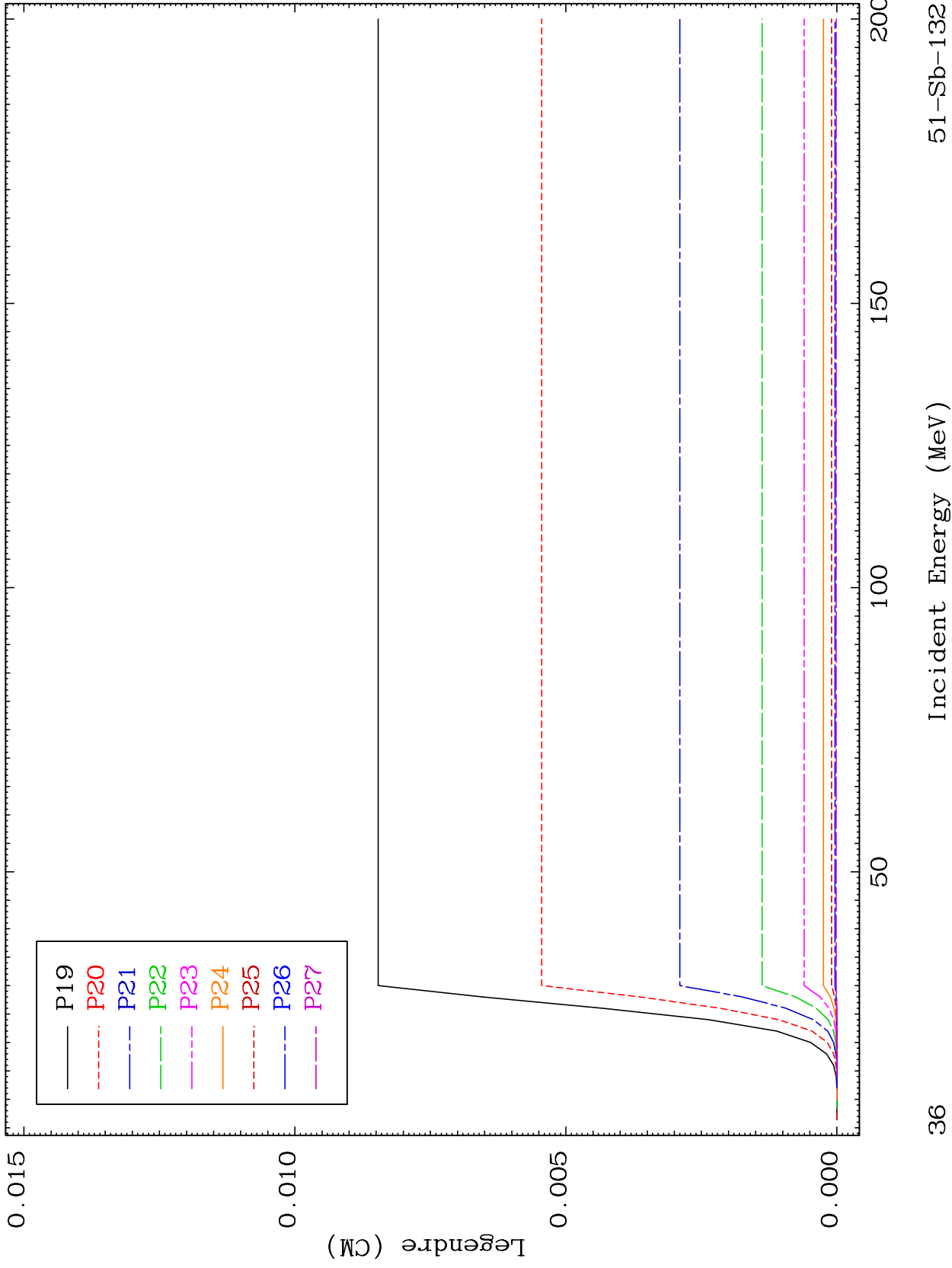
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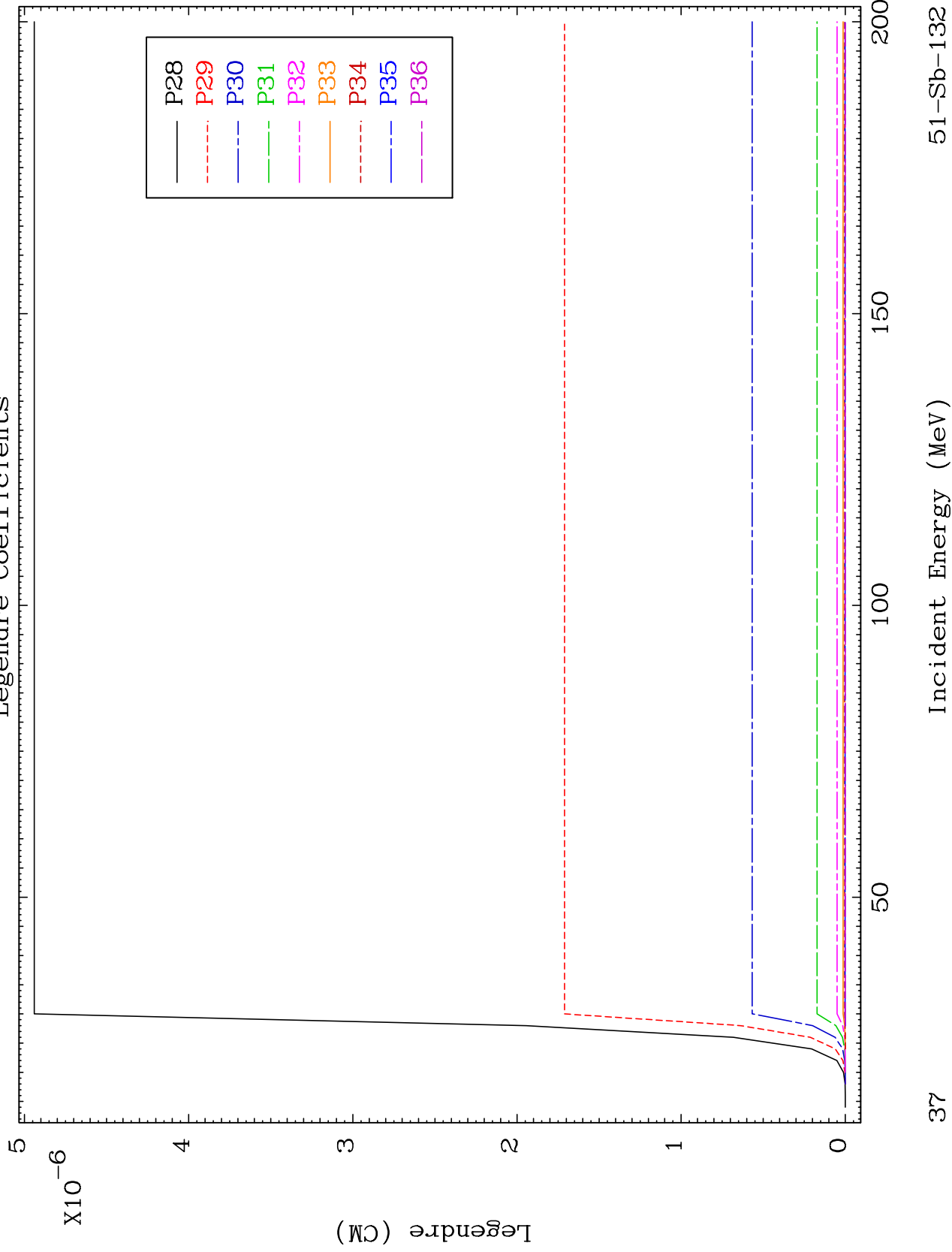


35

Incident Energy (MeV)

51-Sb-132

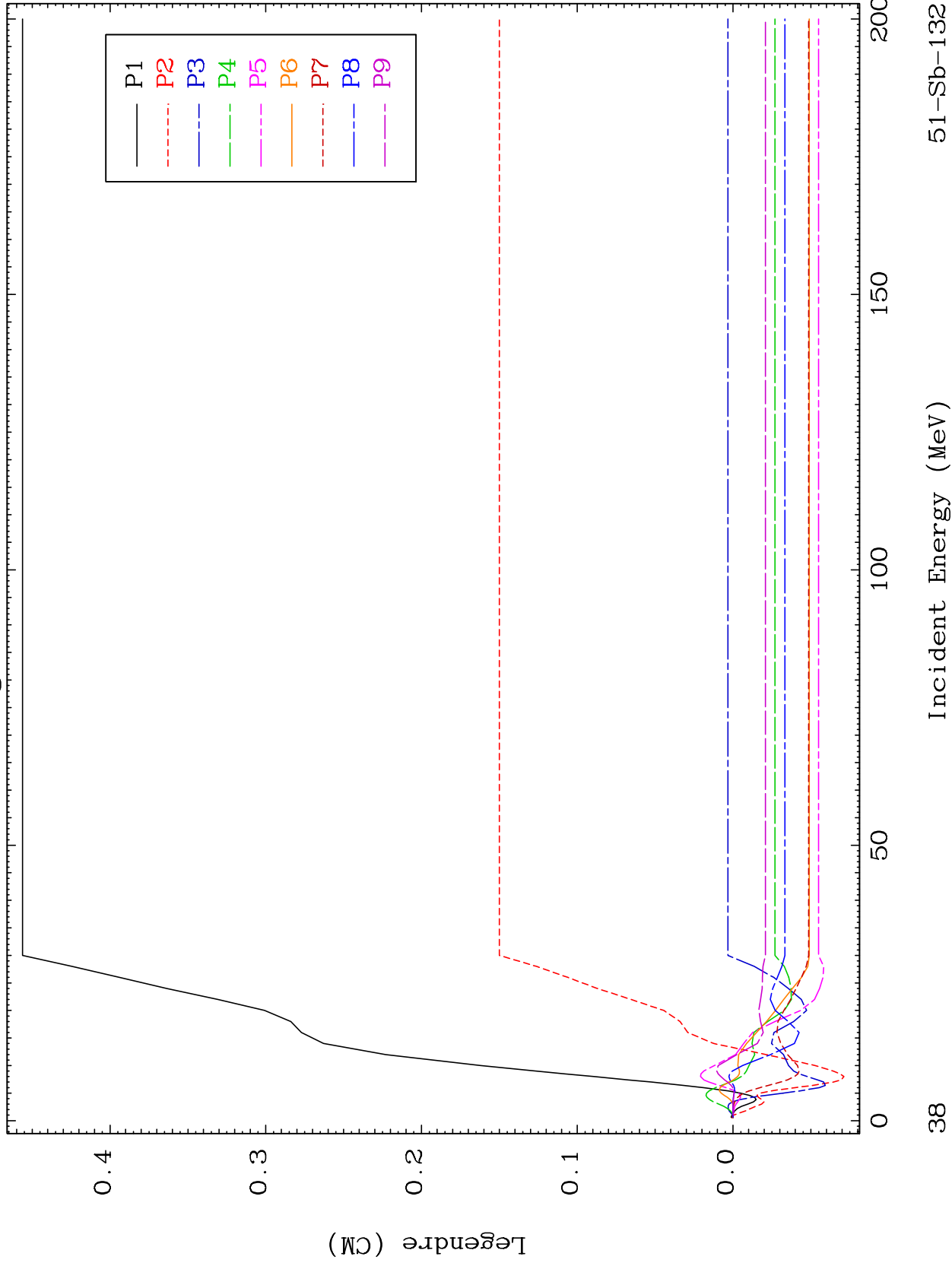




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483.1 keV (n,n') Level
Legendre Coefficients

51-Sb-132



51-Sb-132

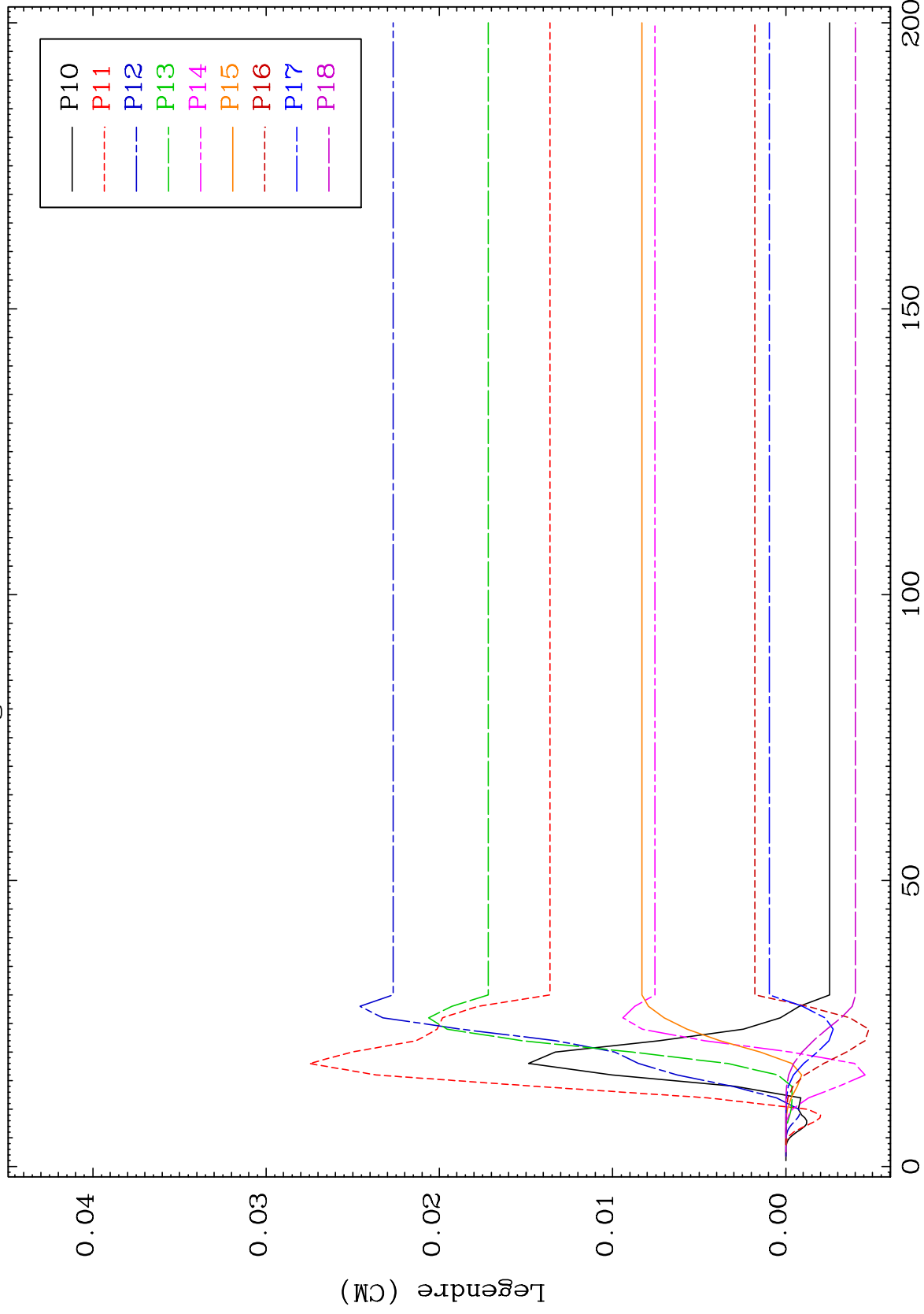
Incident Energy (MeV)

38

MAT 5158

483.1 keV (n,n') Level
Legendre Coefficients

51-Sb-132



39

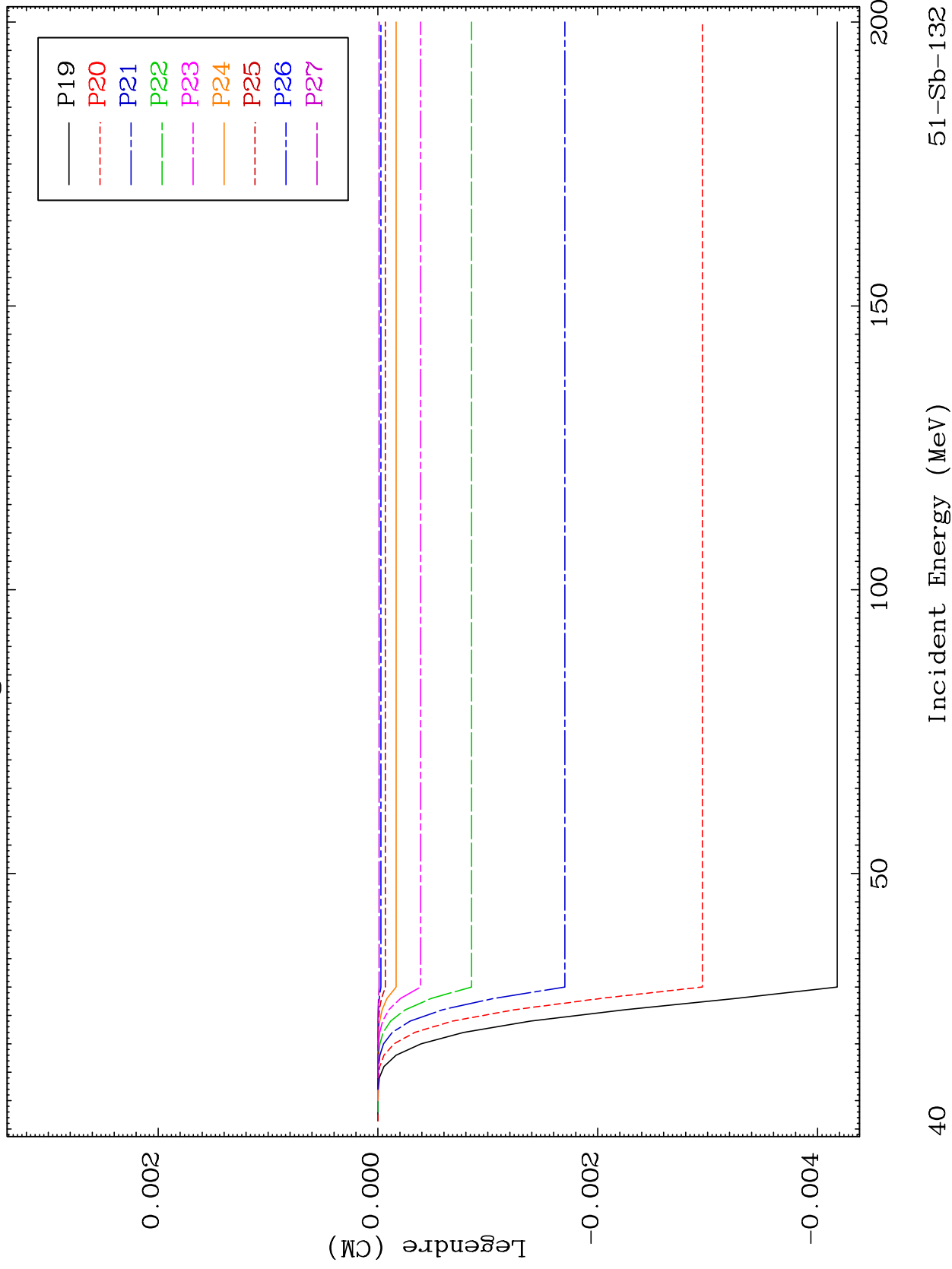
Incident Energy (MeV)

51-Sb-132

MAT 5158

483.1 keV (n,n') Level
Legendre Coefficients

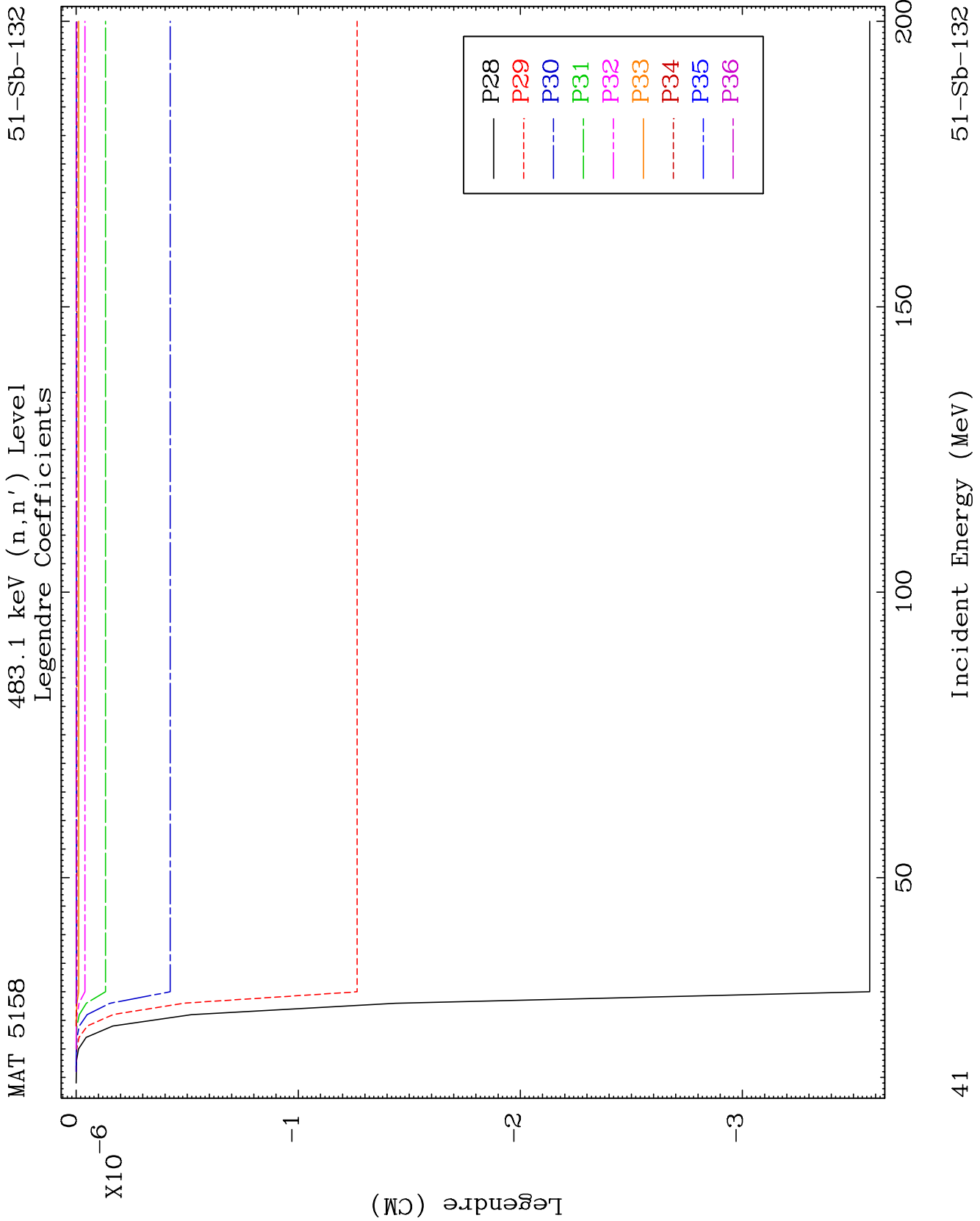
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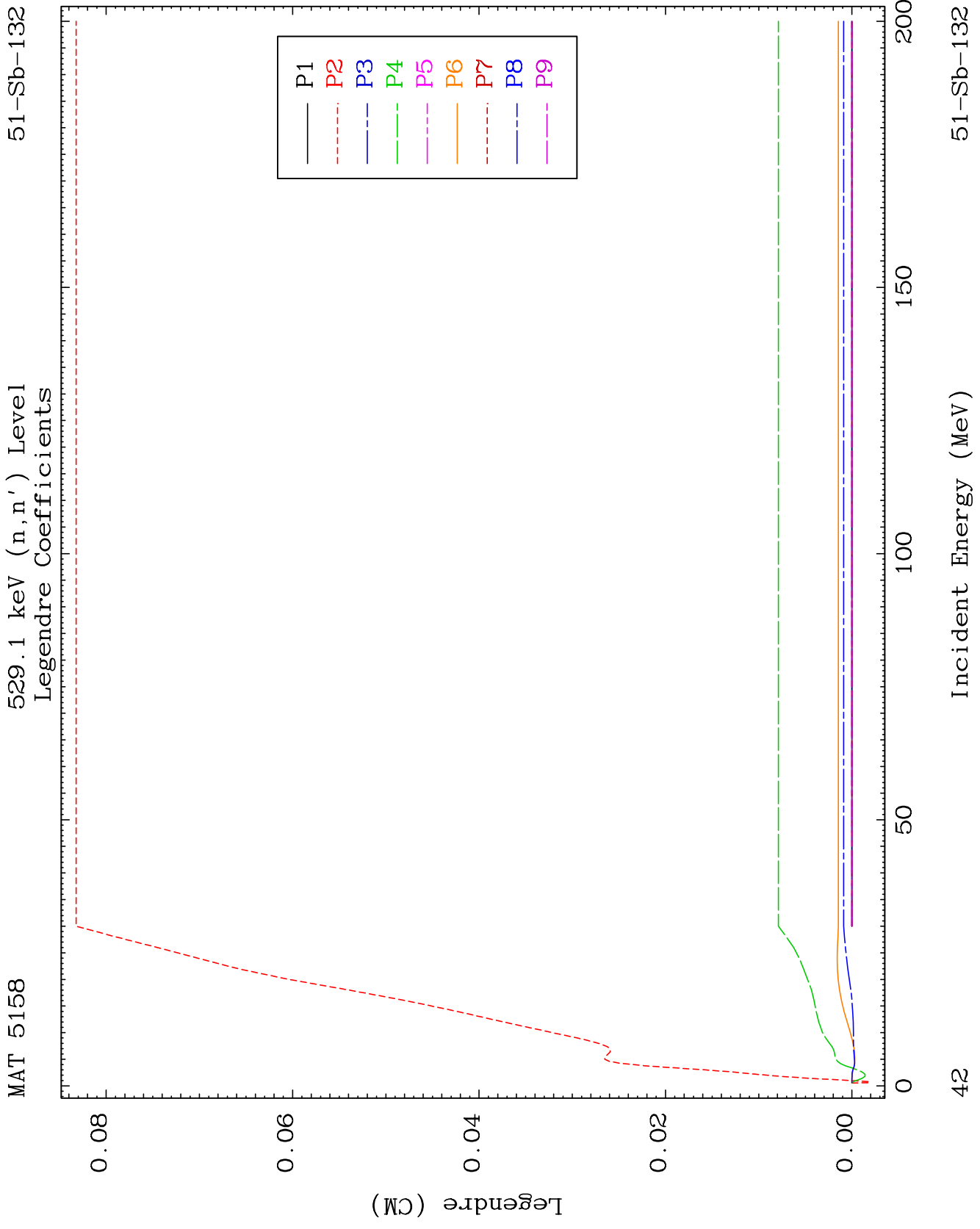


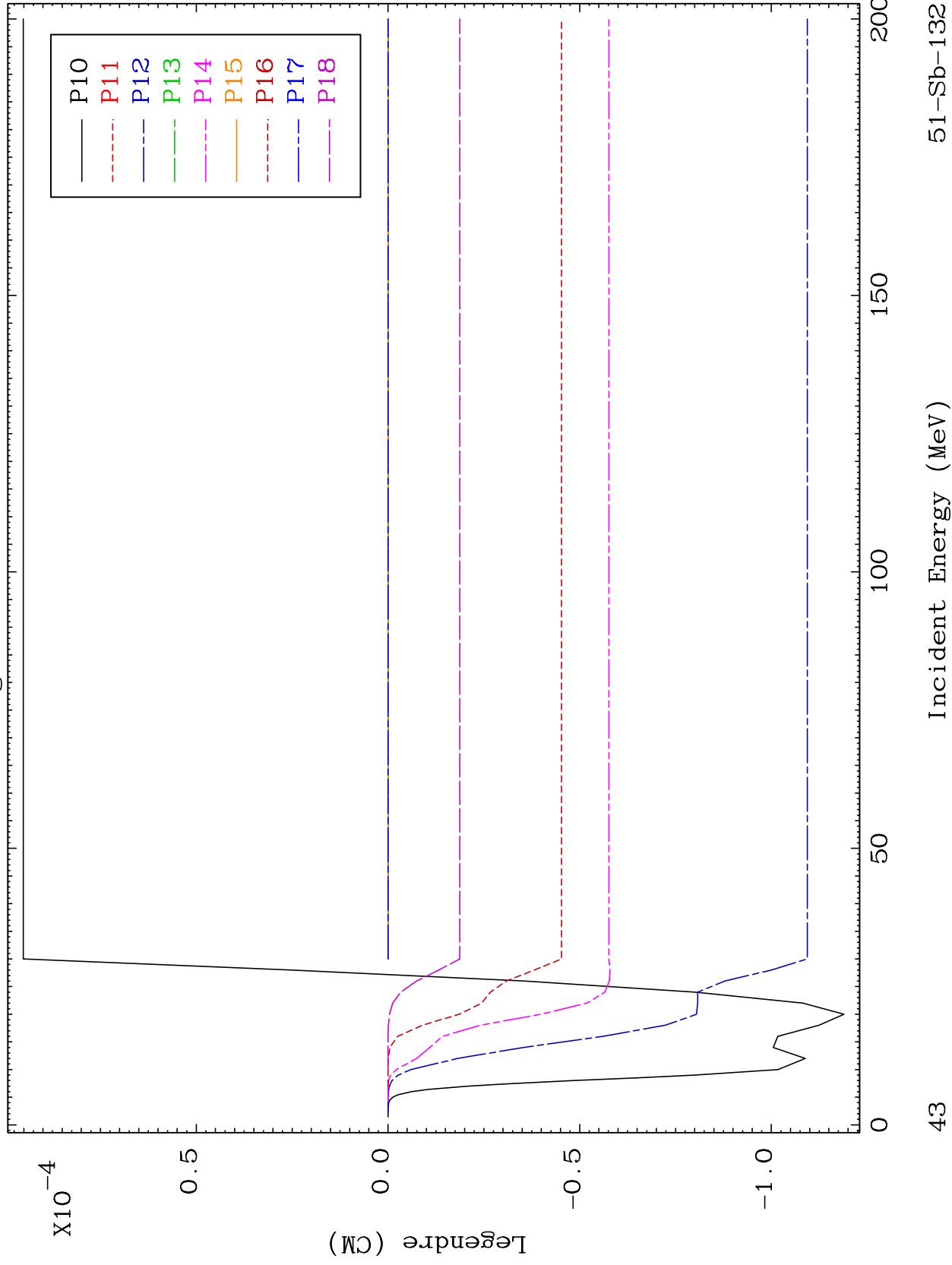
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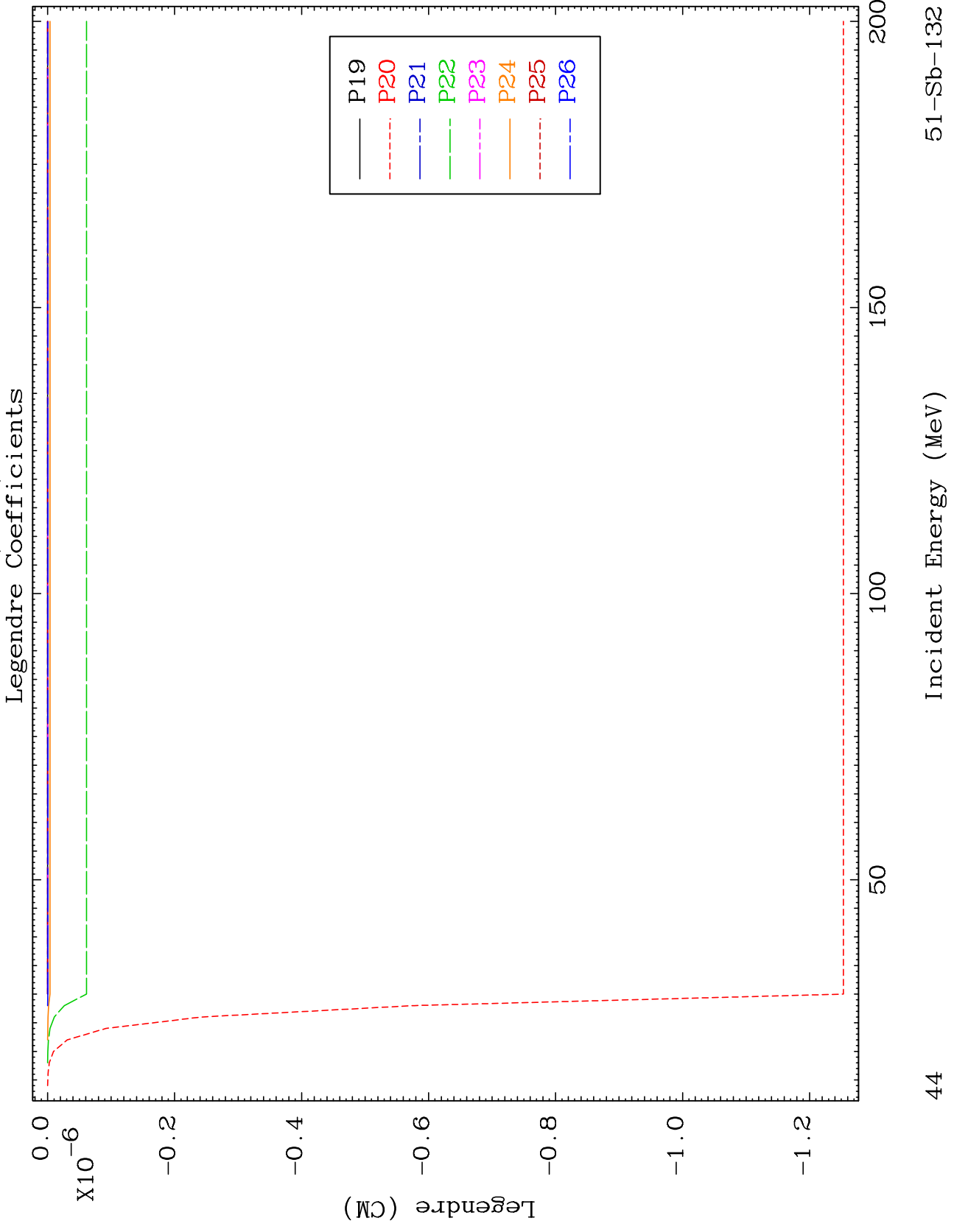
Incident Energy (MeV)

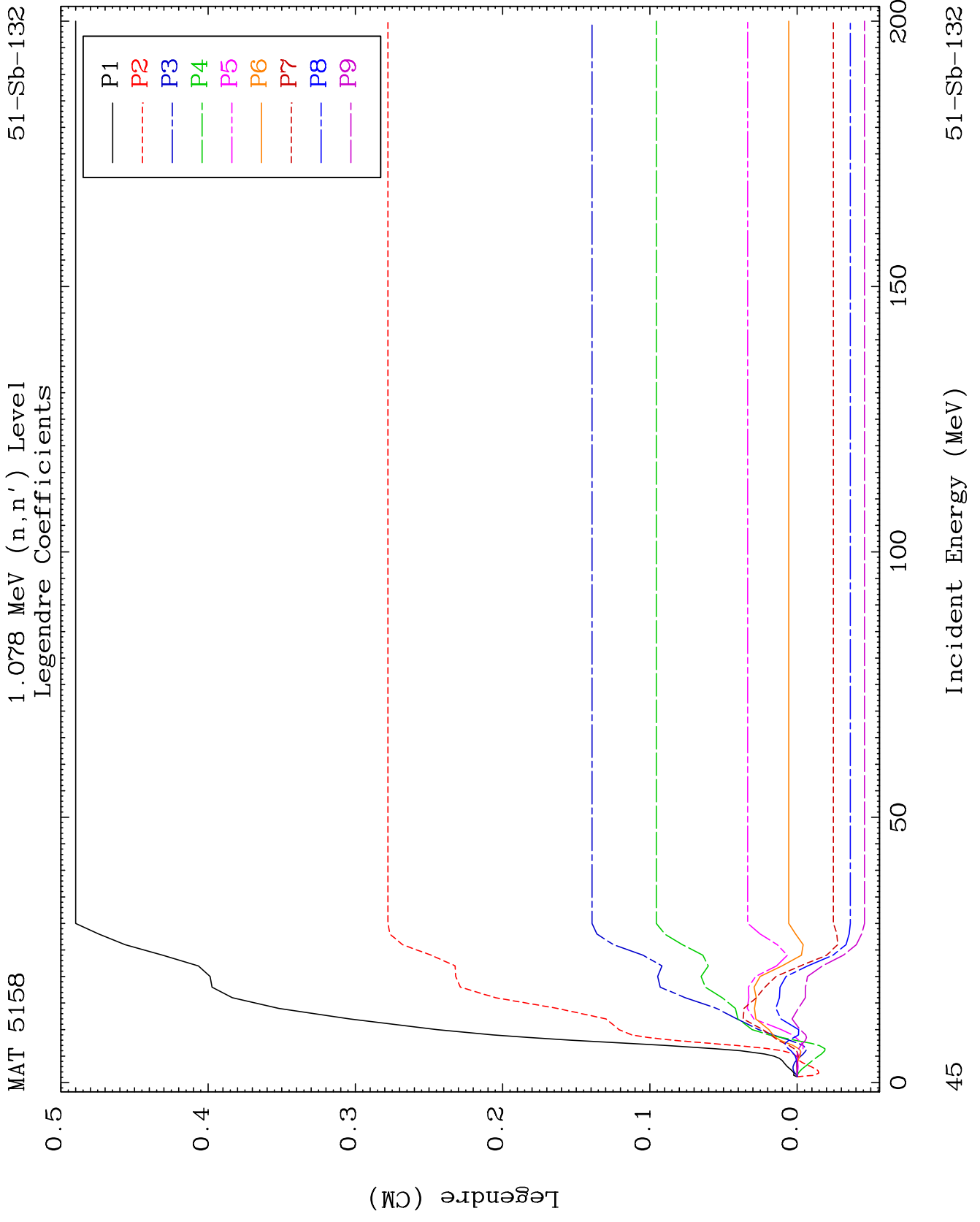
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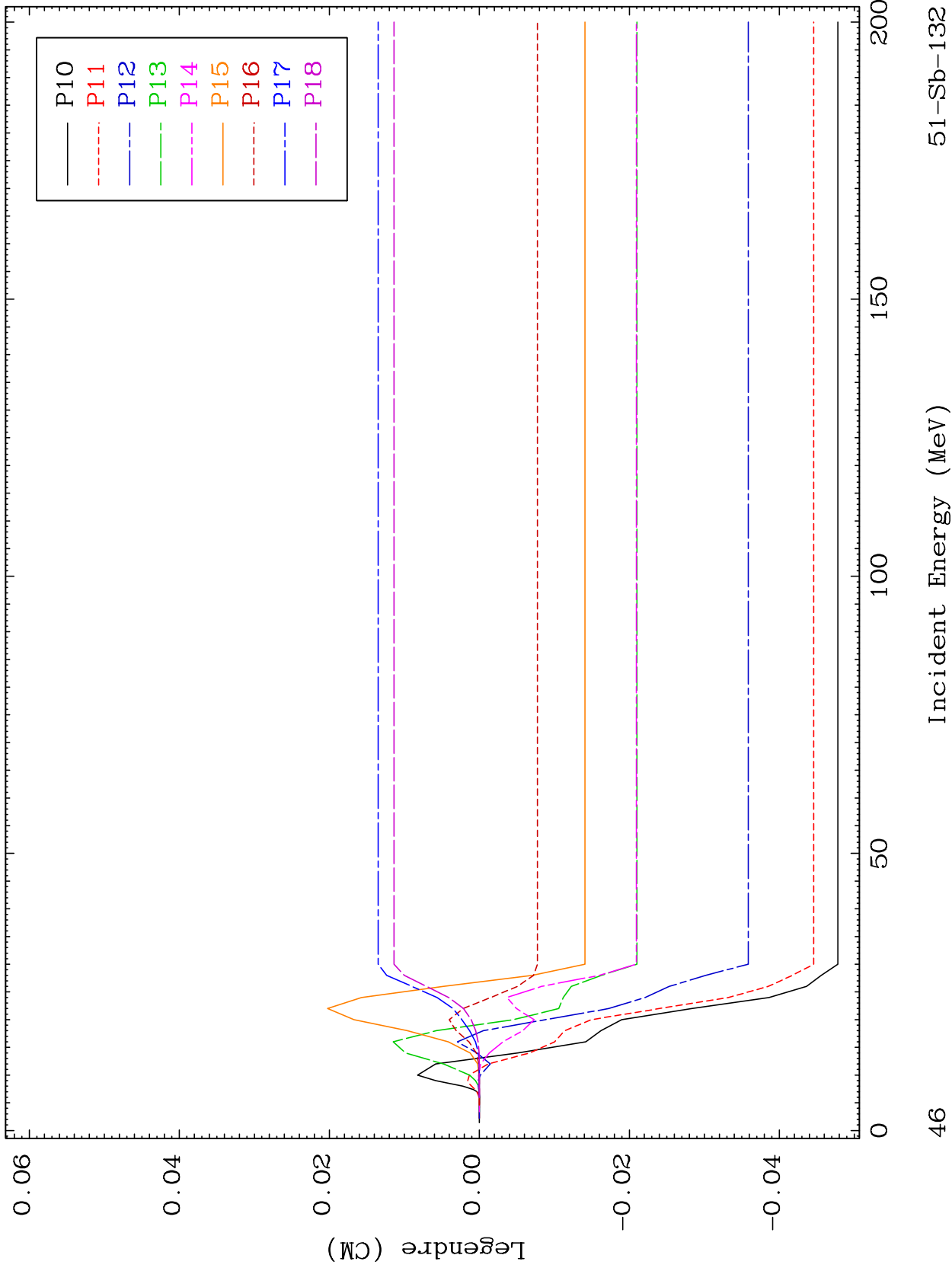




MAT 5158

1.078 MeV (n,n') Level
Legendre Coefficients

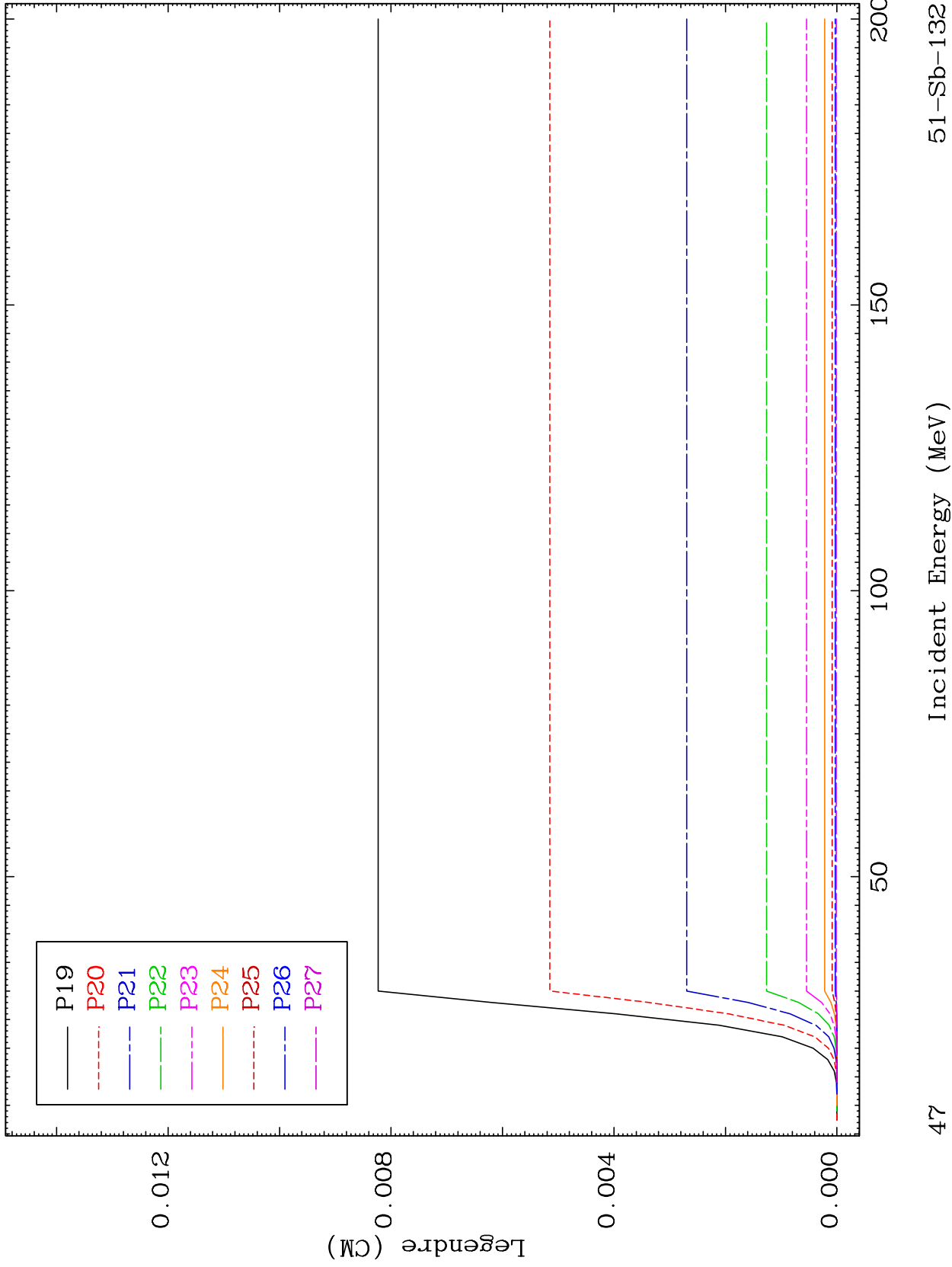
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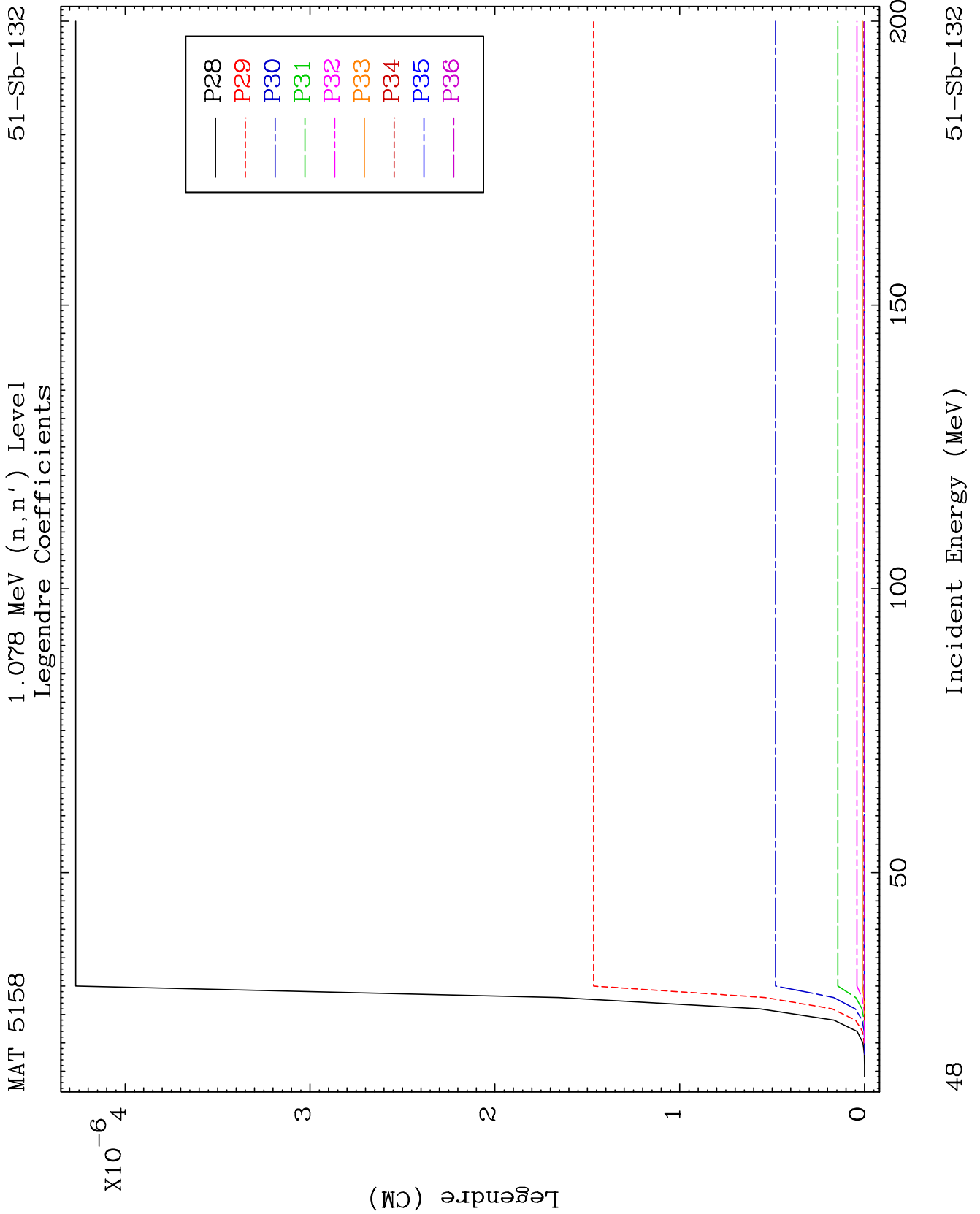


51-Sb-132

Incident Energy (MeV)

46

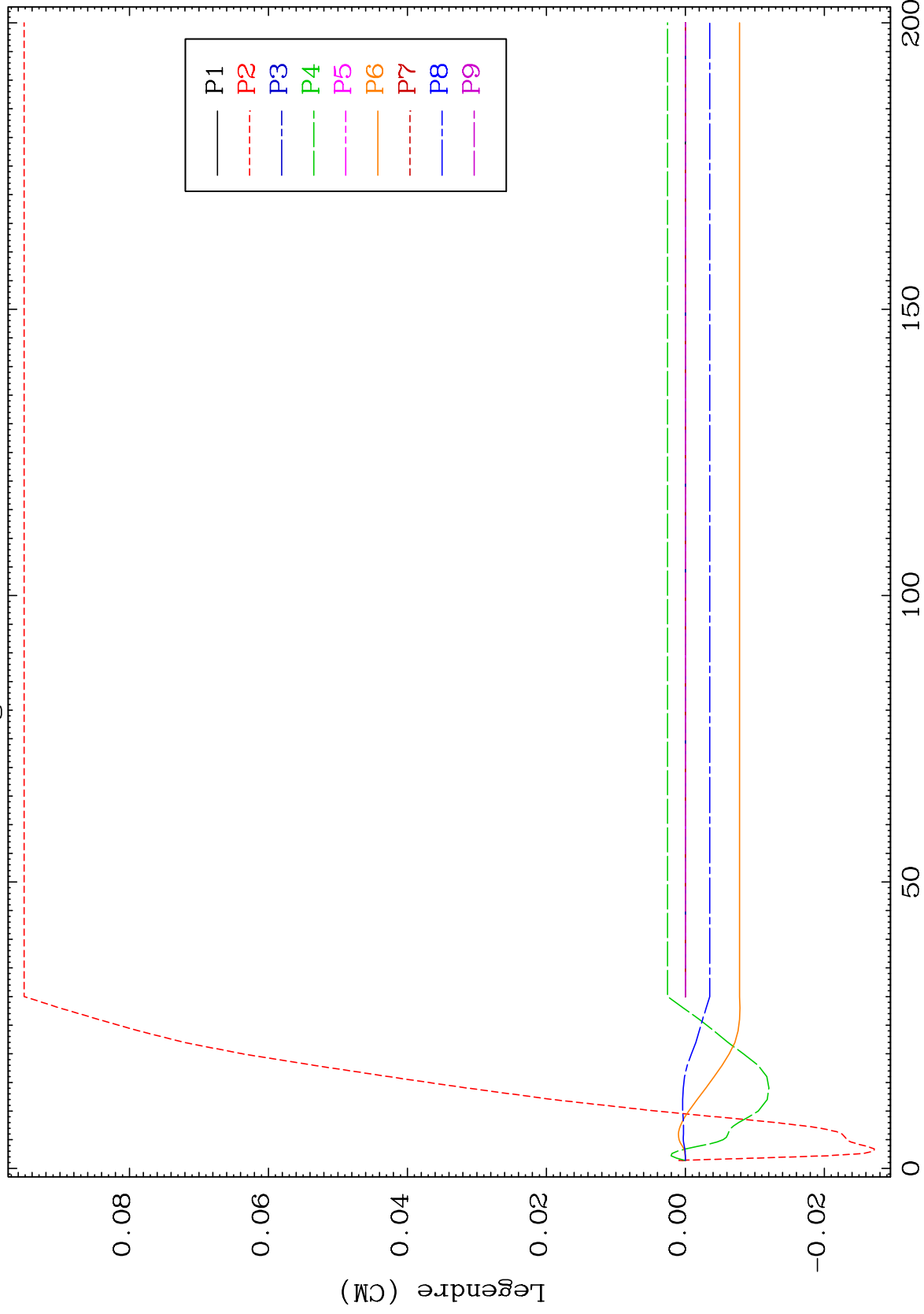




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1.325 MeV (n,n') Level
Legendre Coefficients

51-Sb-132



49

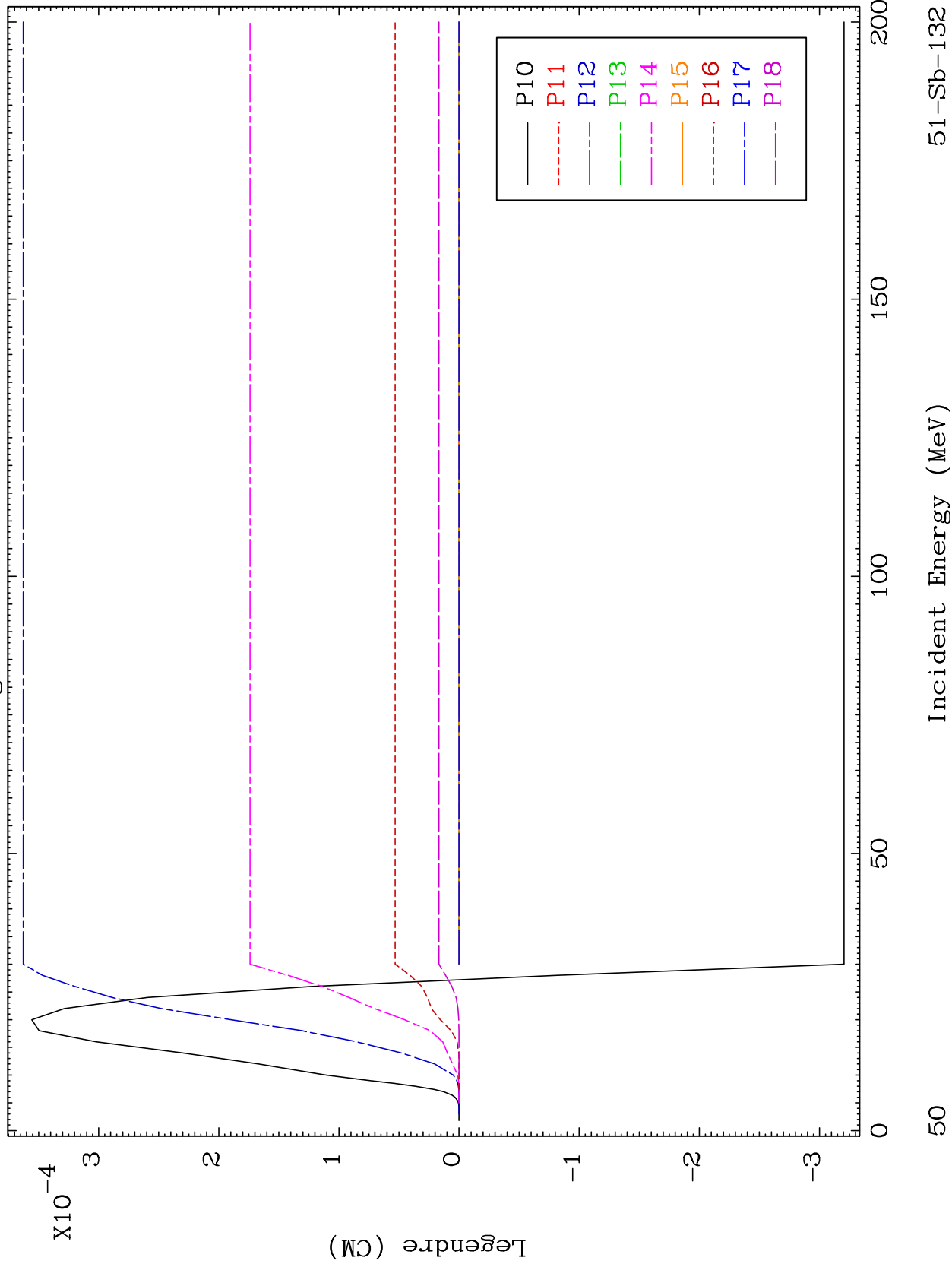
Incident Energy (MeV)

51-Sb-132

MAT 5158

1.325 MeV (n, n') Level
Legendre Coefficients

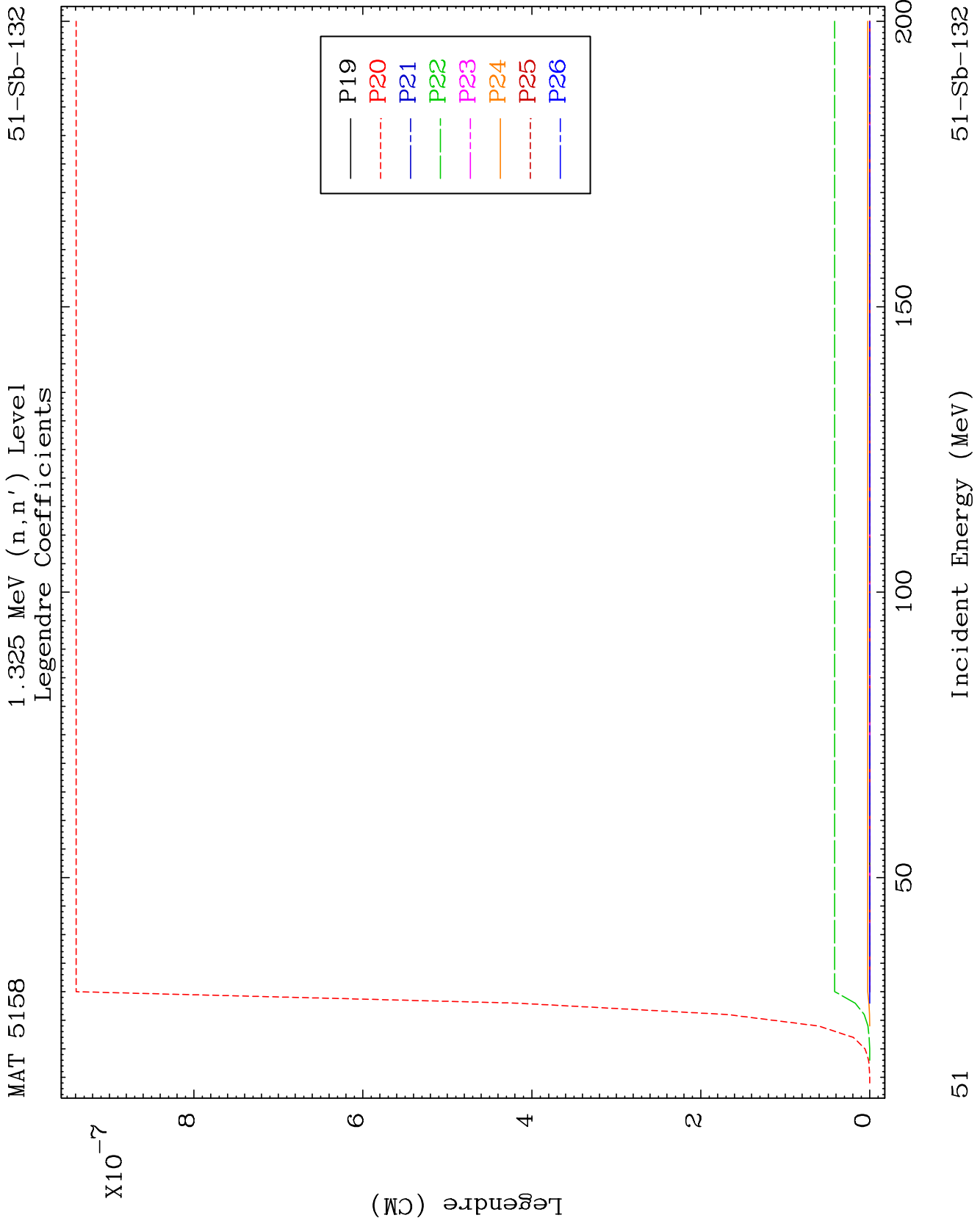
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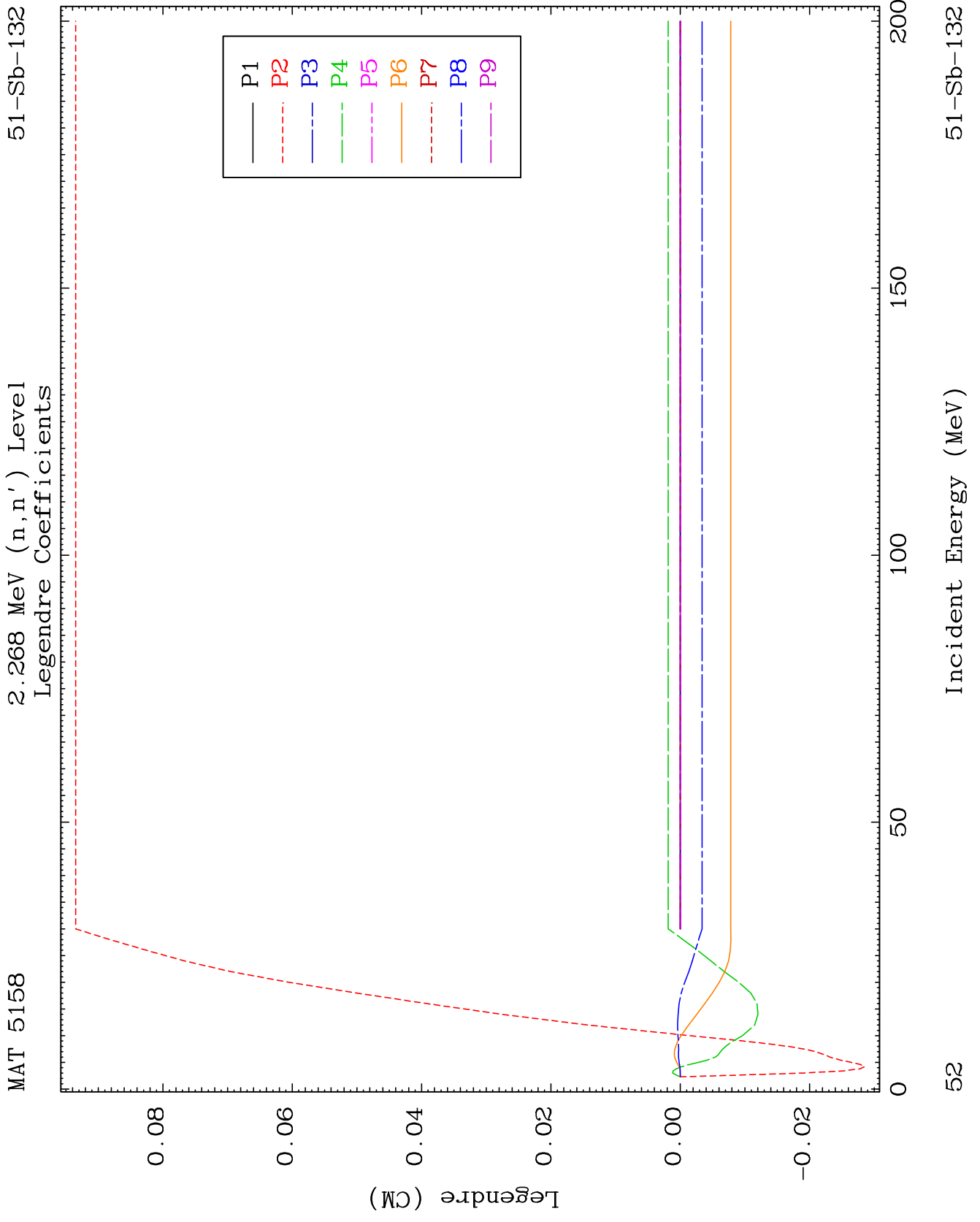


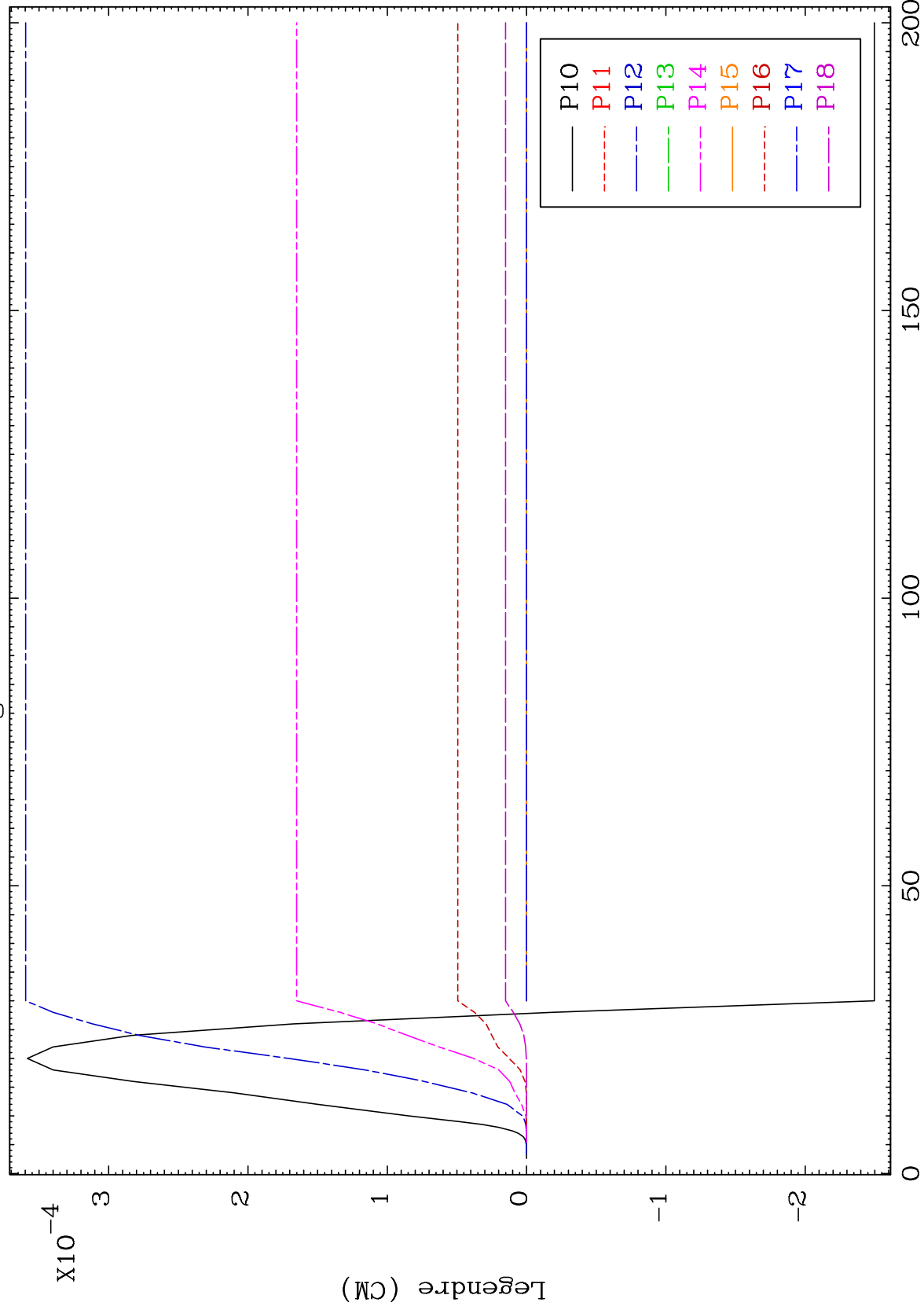
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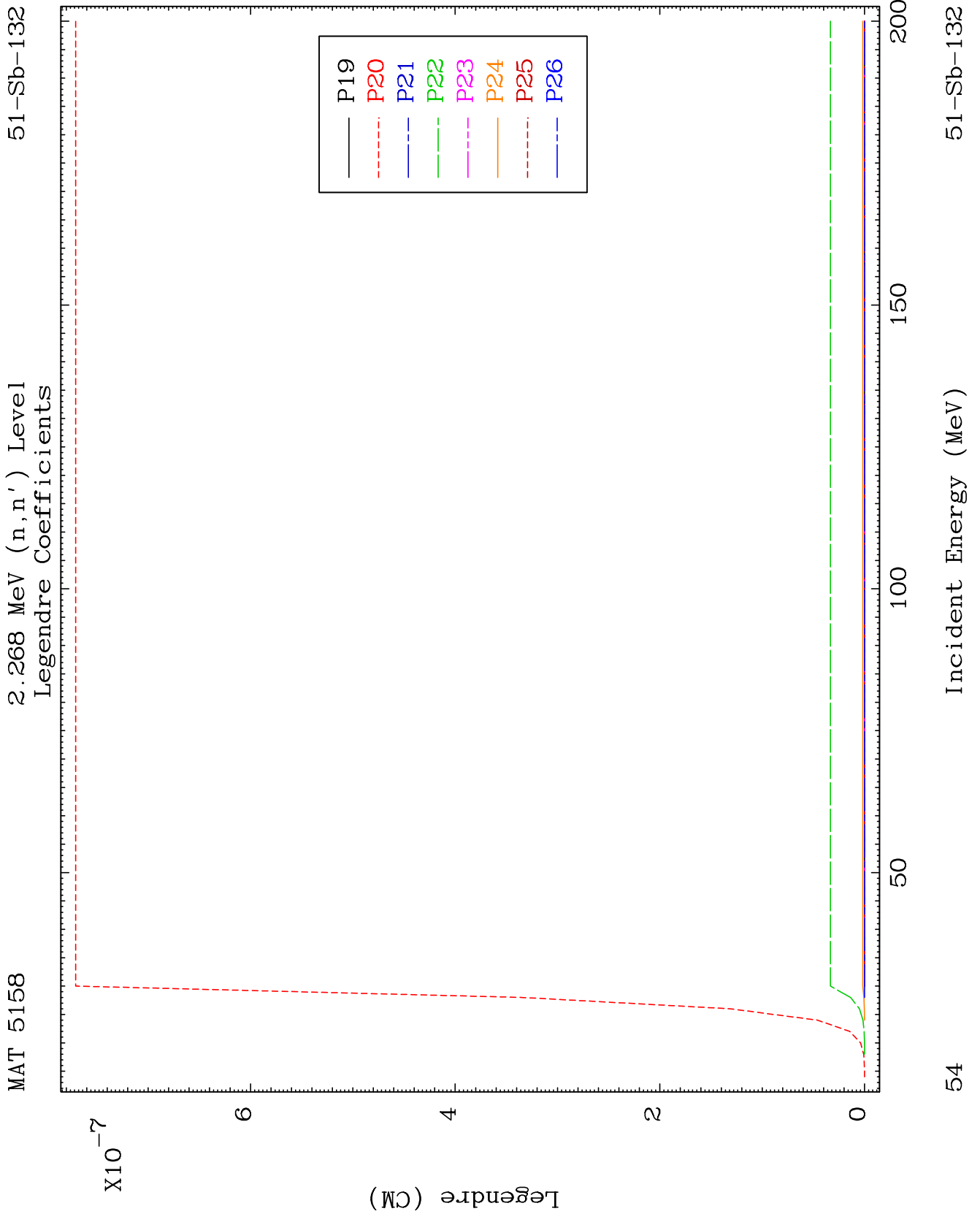
Incident Energy (MeV)

50





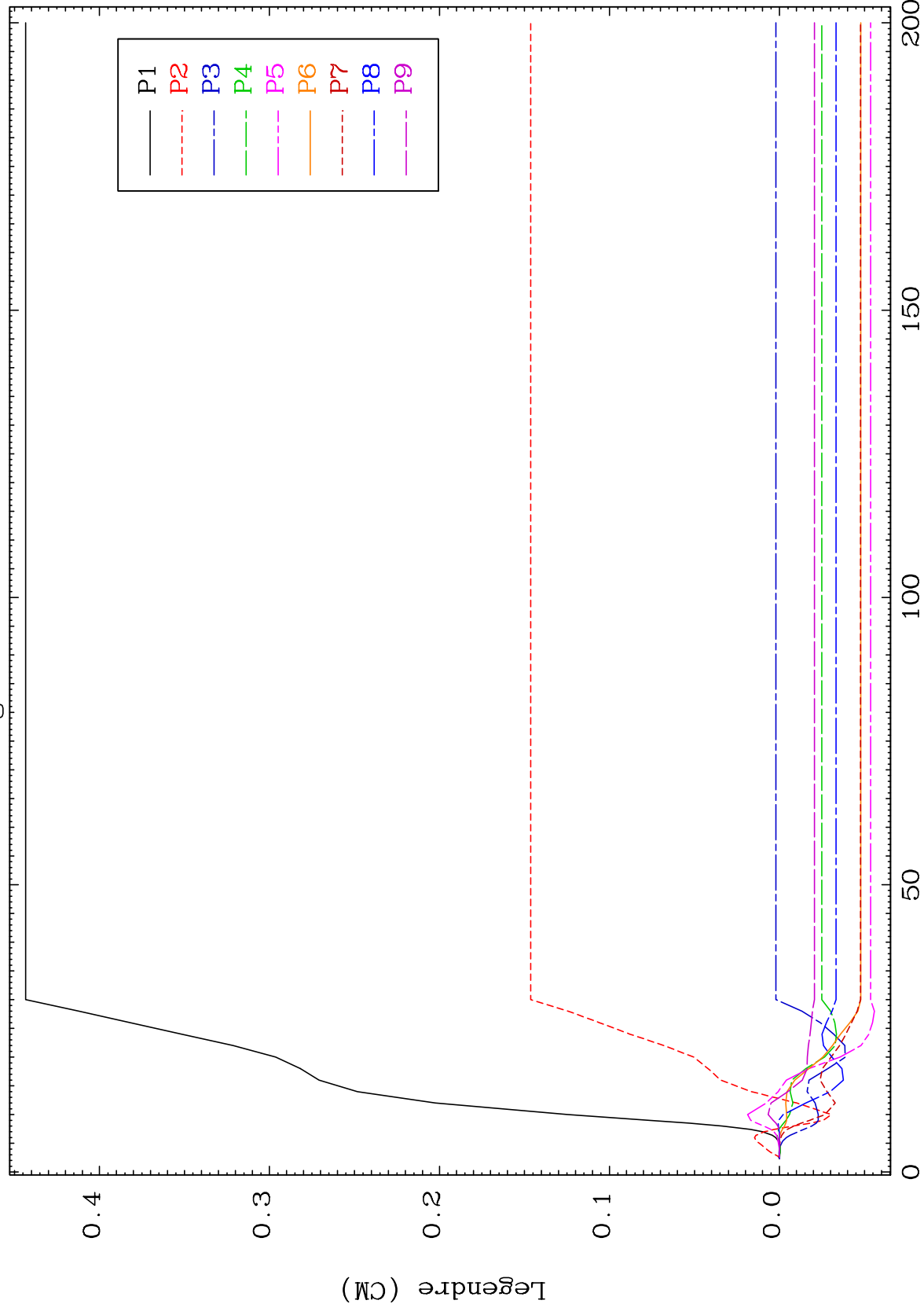




MAT 5158

2.280 MeV (n,n') Level
Legendre Coefficients

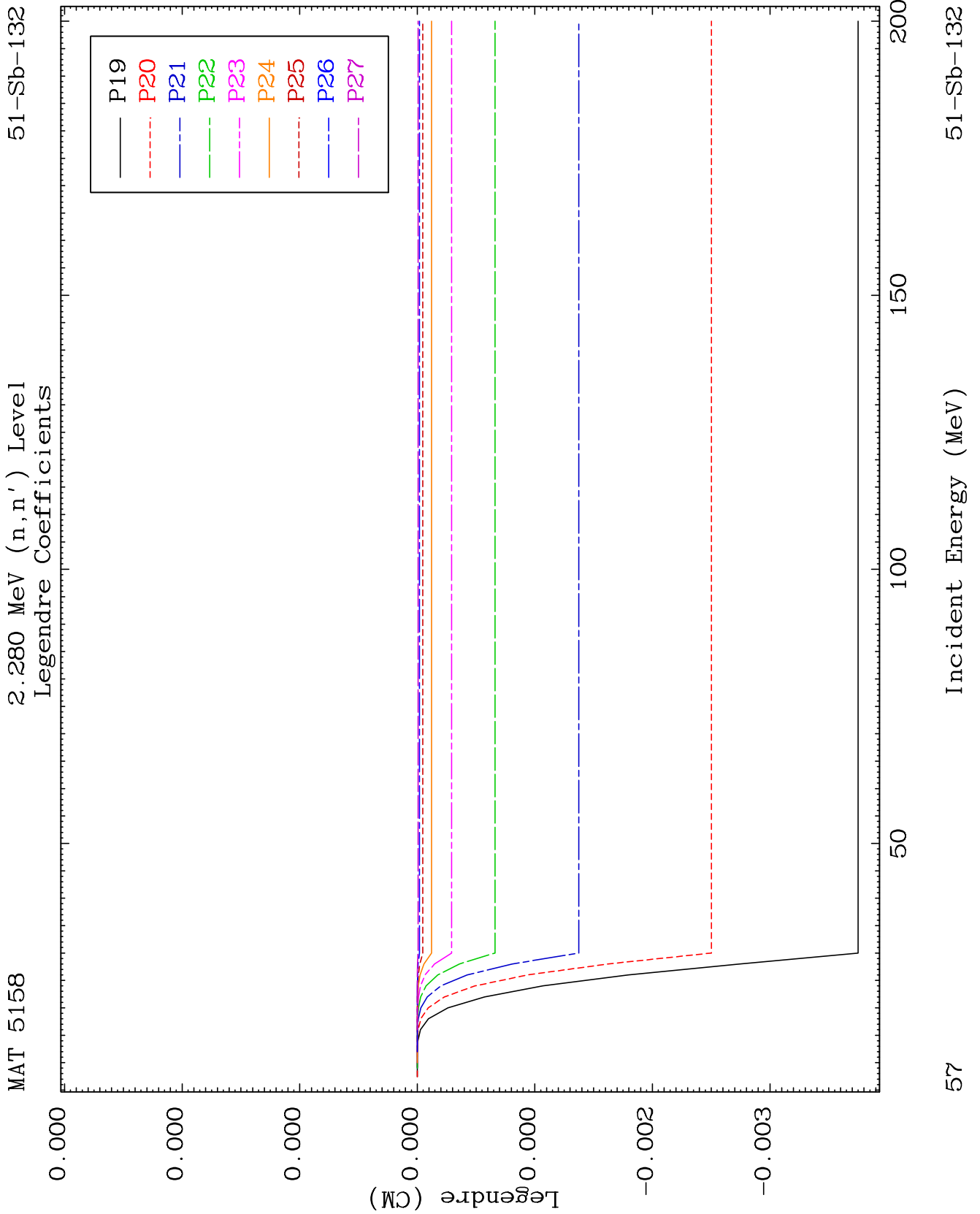
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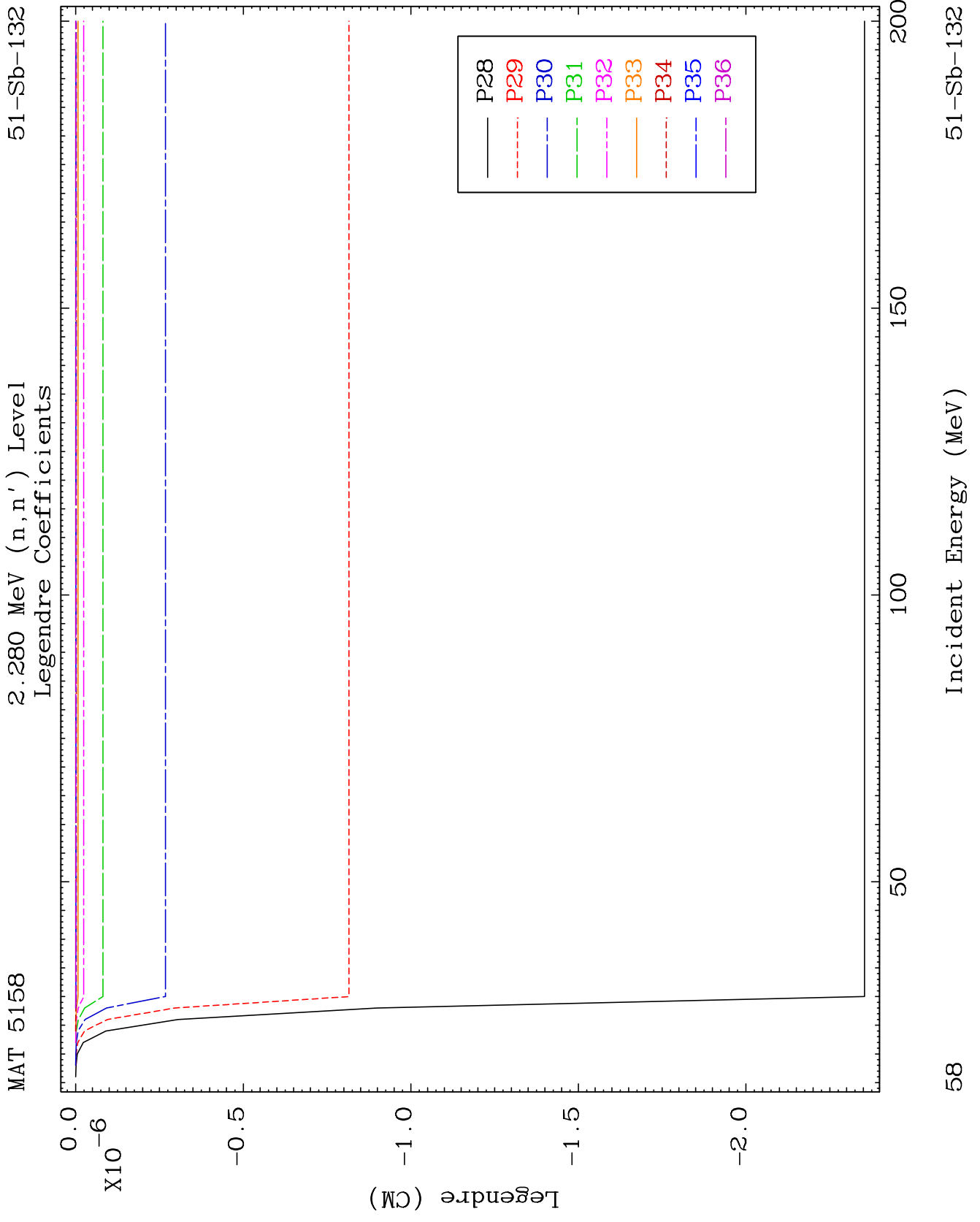


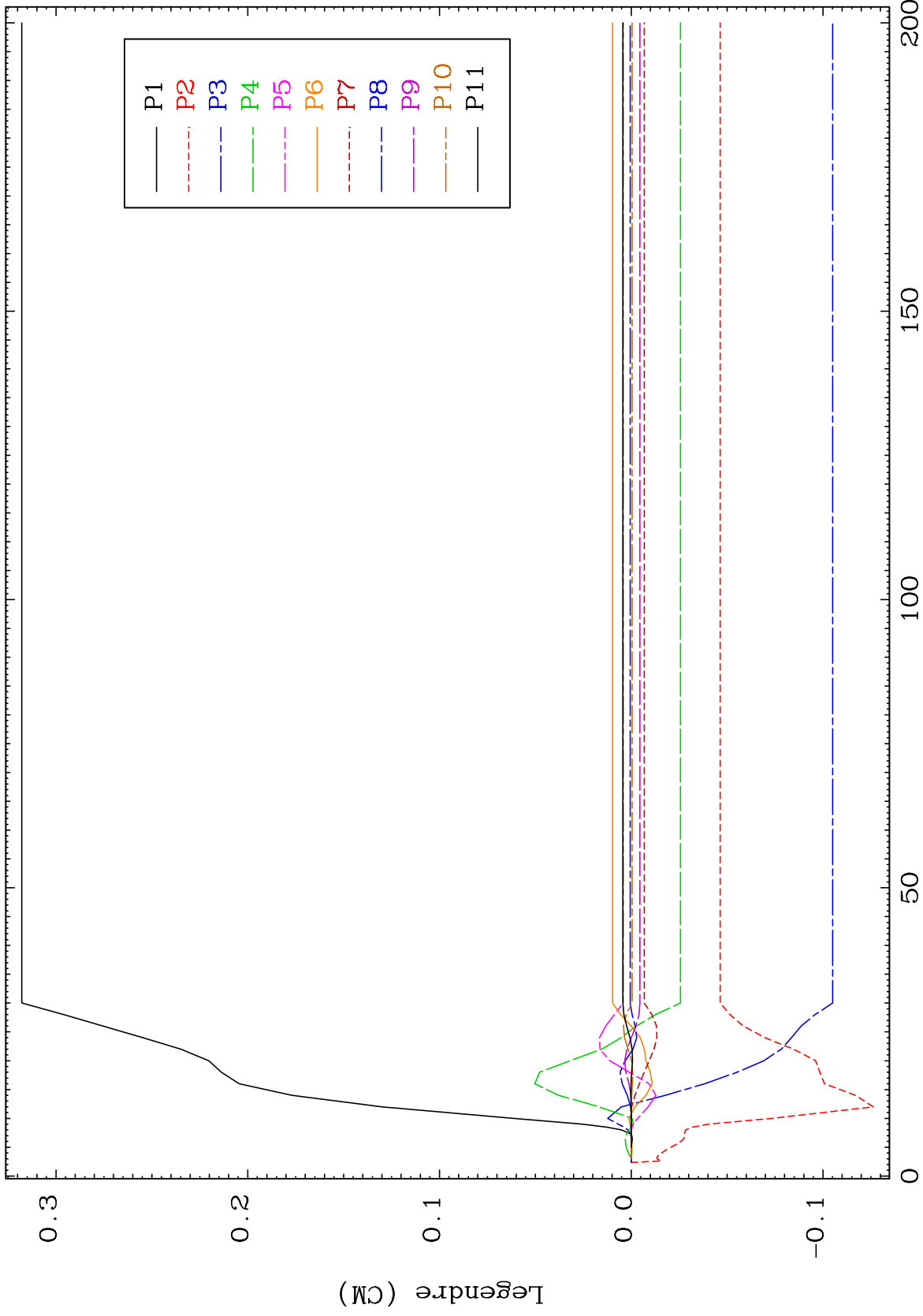
51-Sb-132

Incident Energy (MeV)

55



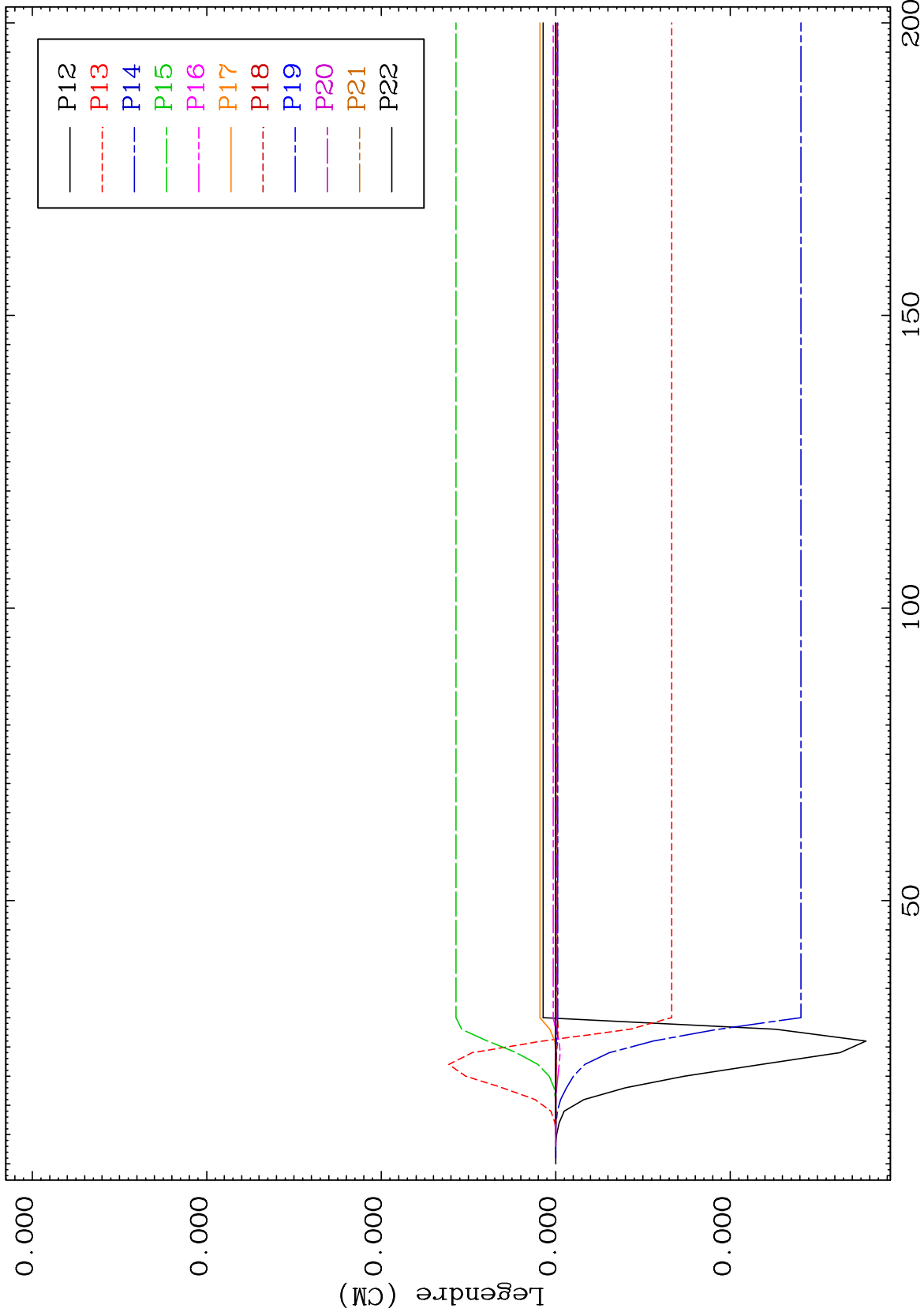




MAT 5158

2.333 MeV (n,n') Level
Legendre Coefficients

51-Sb-132



60

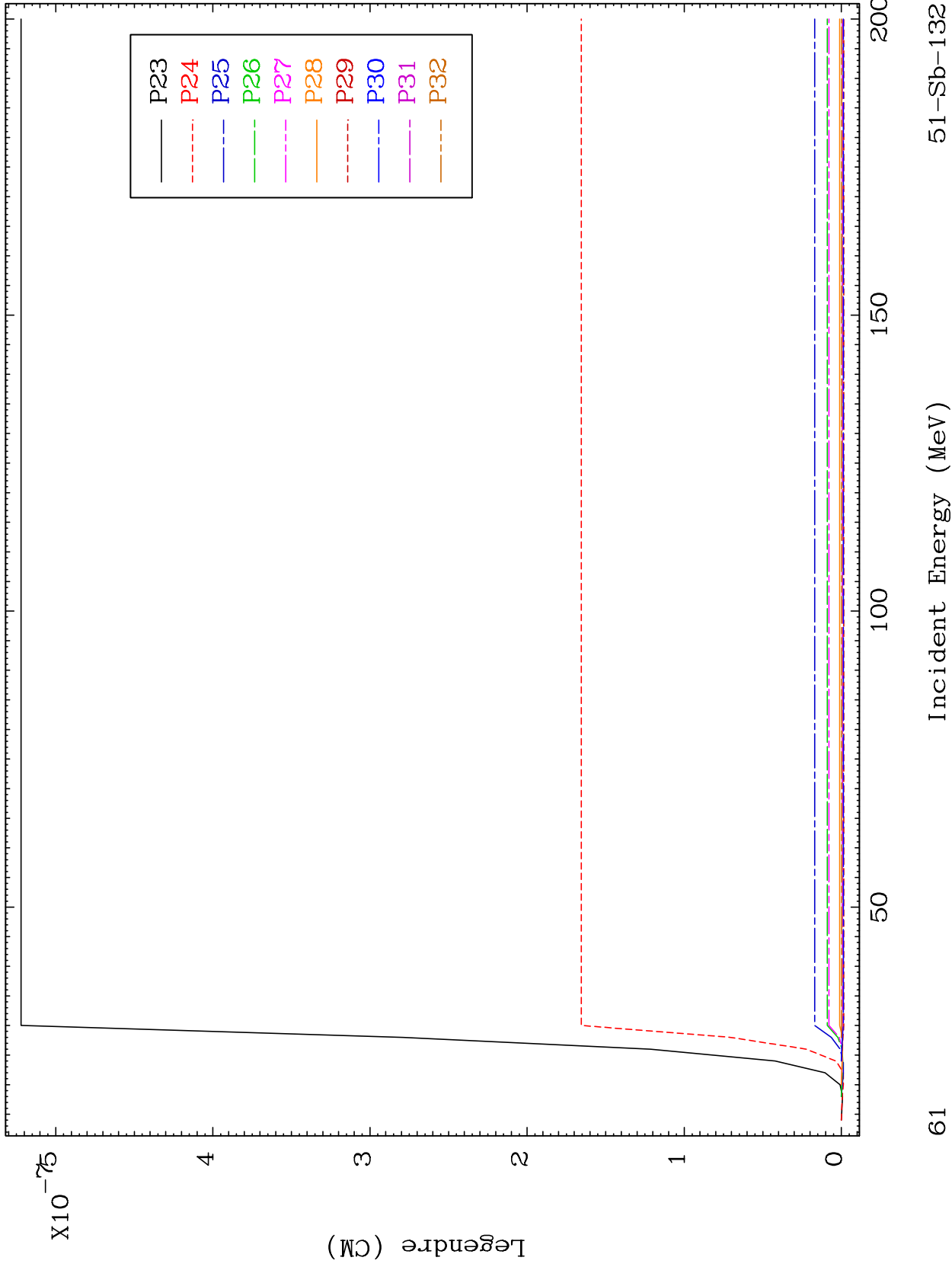
Incident Energy (MeV)

51-Sb-132

MAT 5158

2.333 MeV (n,n') Level
Legendre Coefficients

51-Sb-132



61

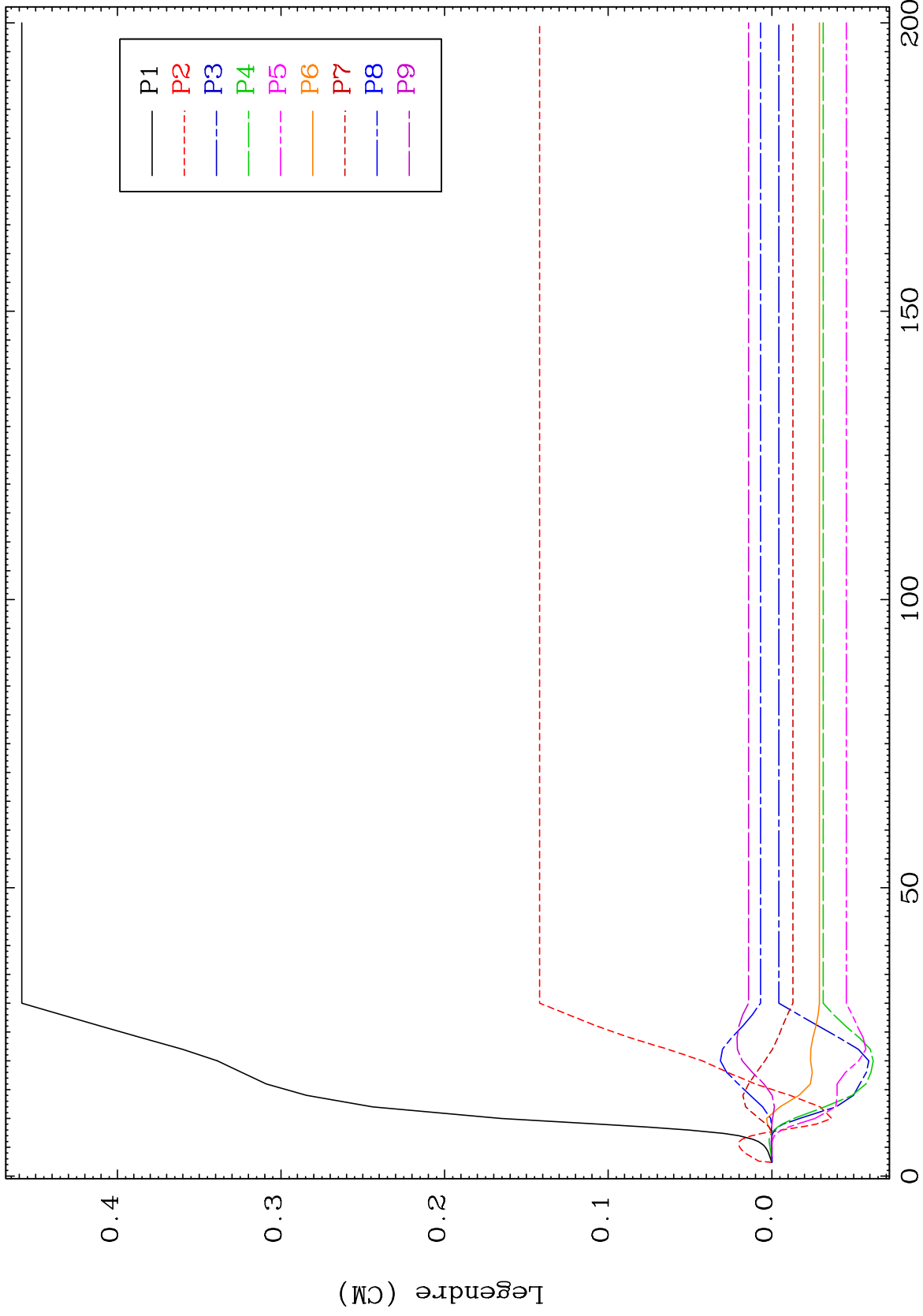
Incident Energy (MeV)

51-Sb-132

MAT 5158

2.346 MeV (n,n') Level
Legendre Coefficients

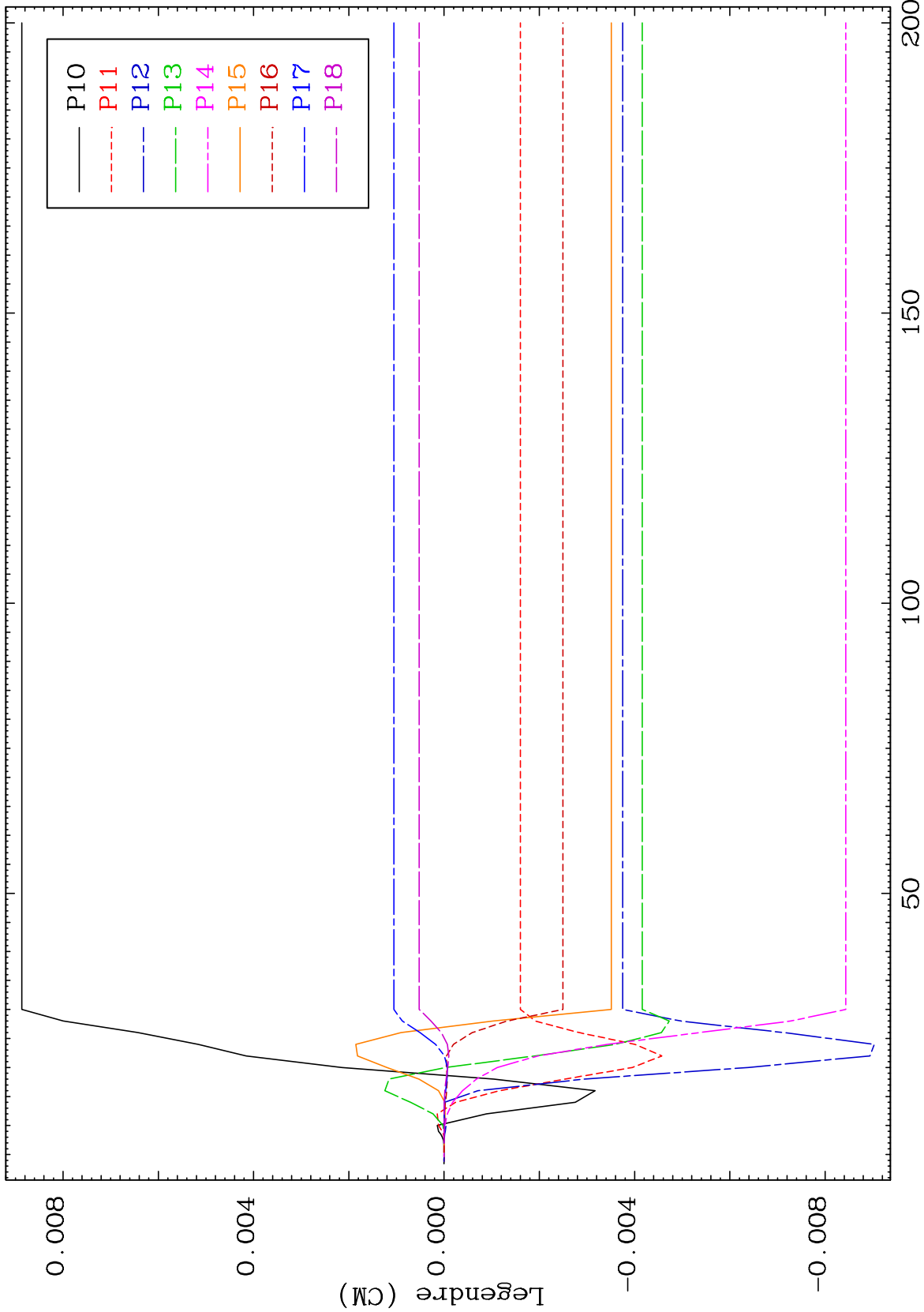
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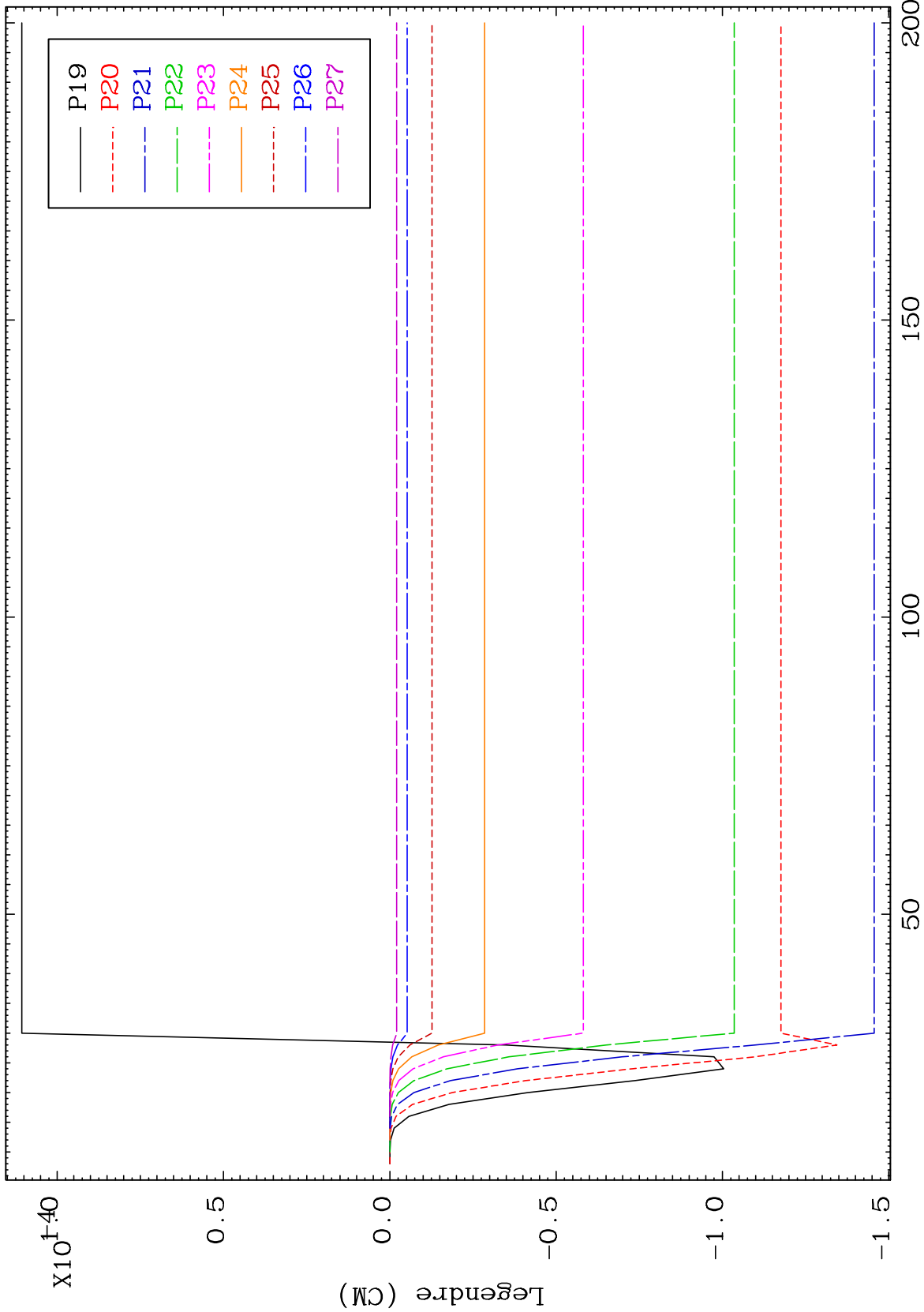


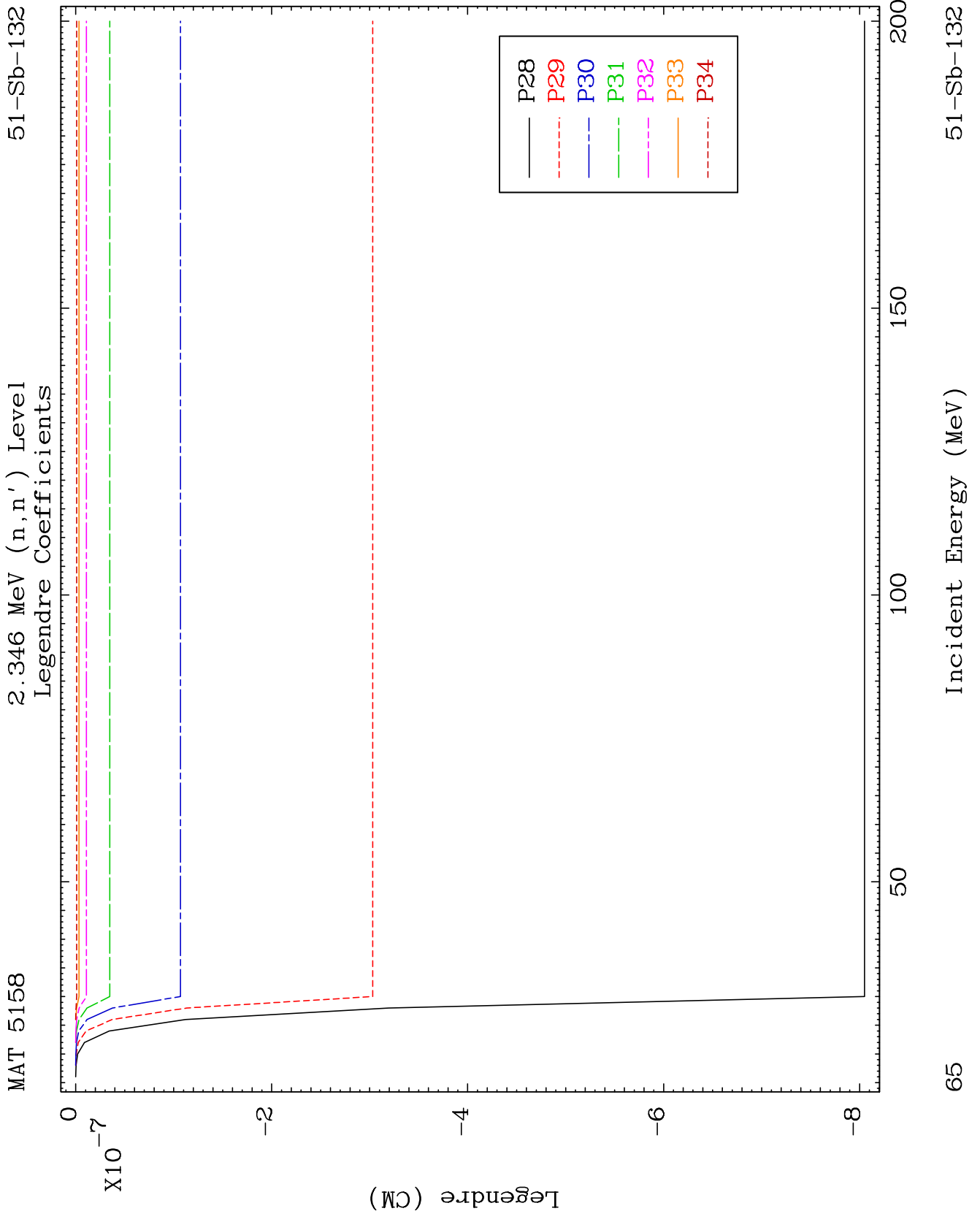
62

Incident Energy (MeV)

51-Sb-132



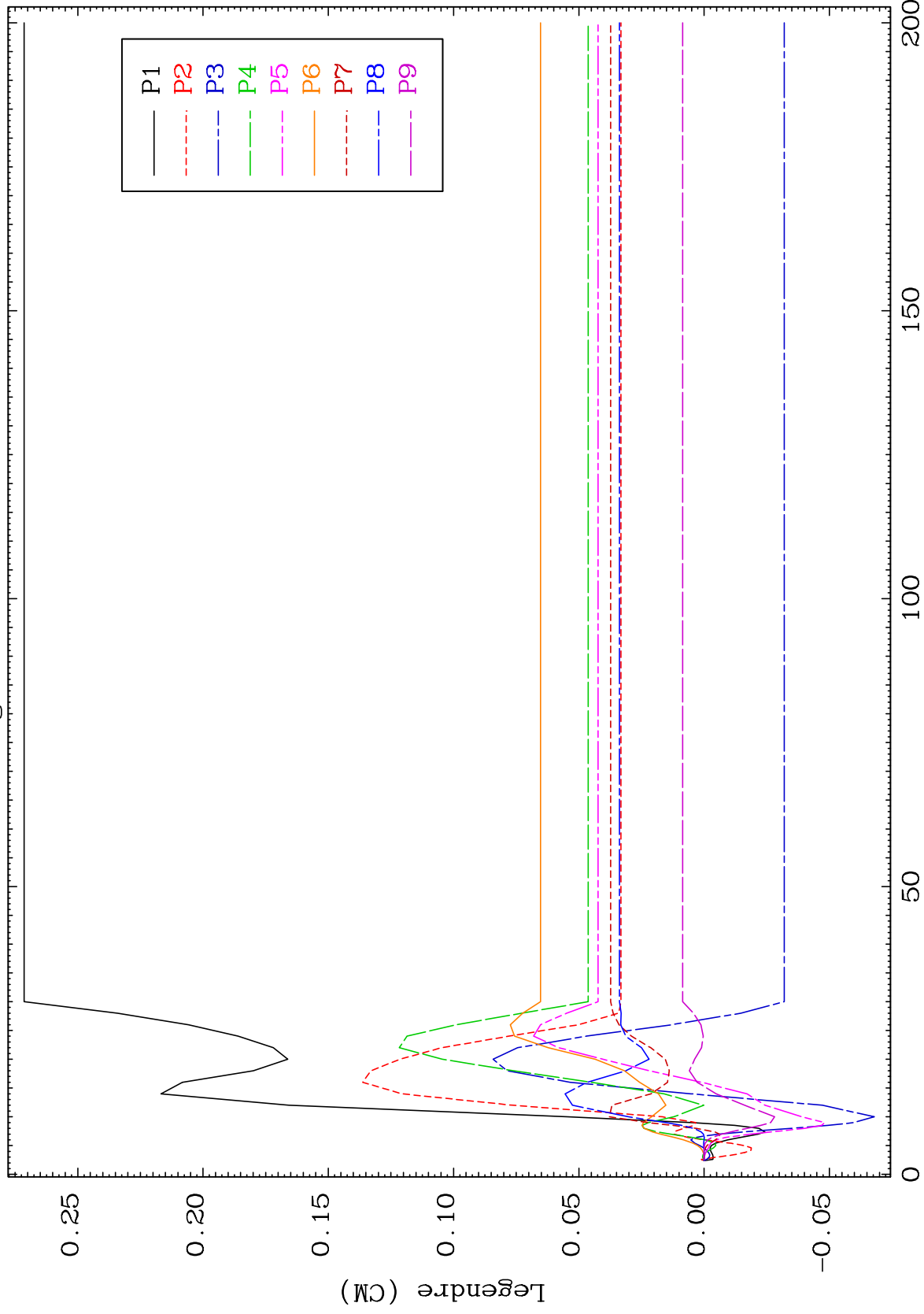




MAT 5158

2.359 MeV (n,n') Level
Legendre Coefficients

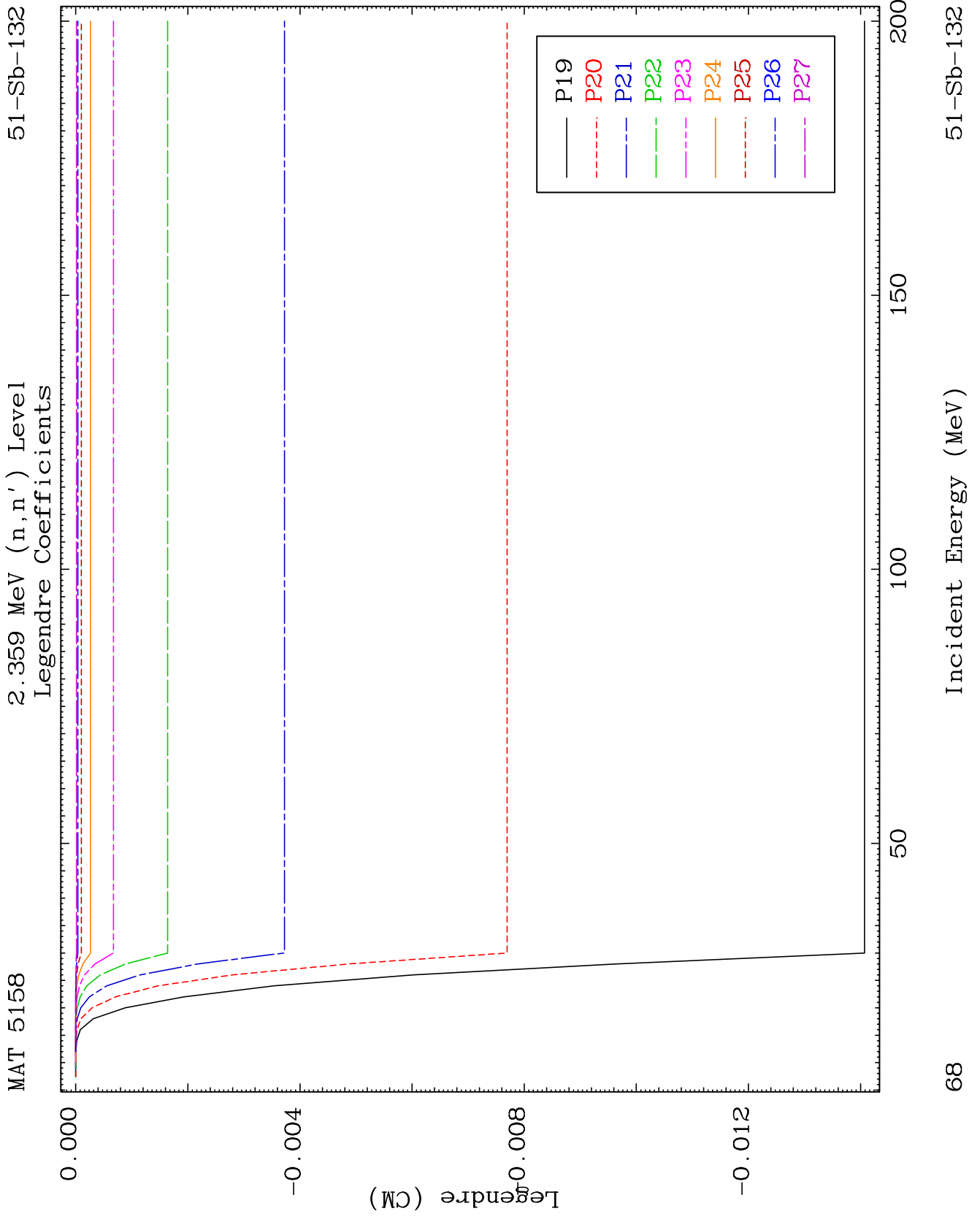
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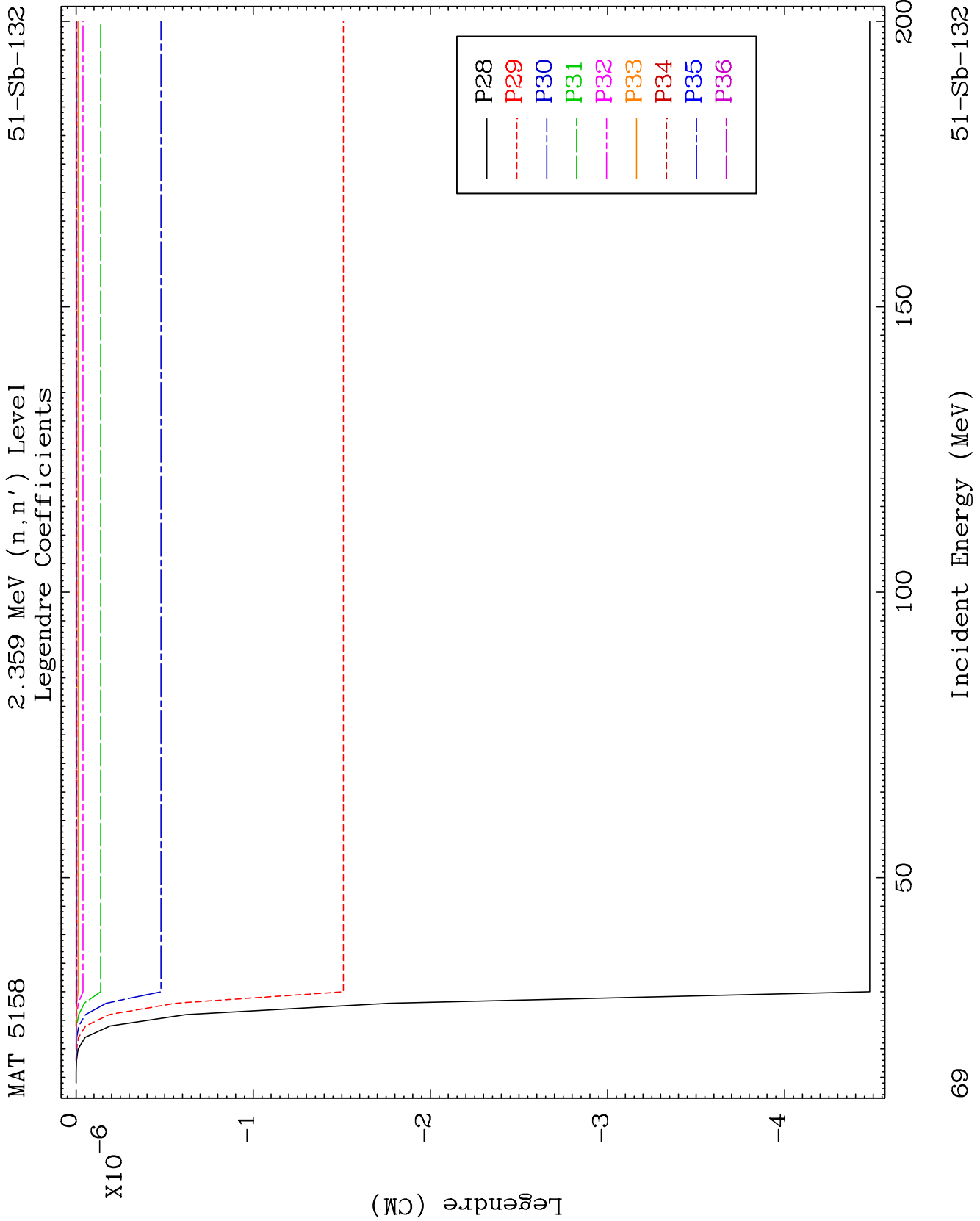


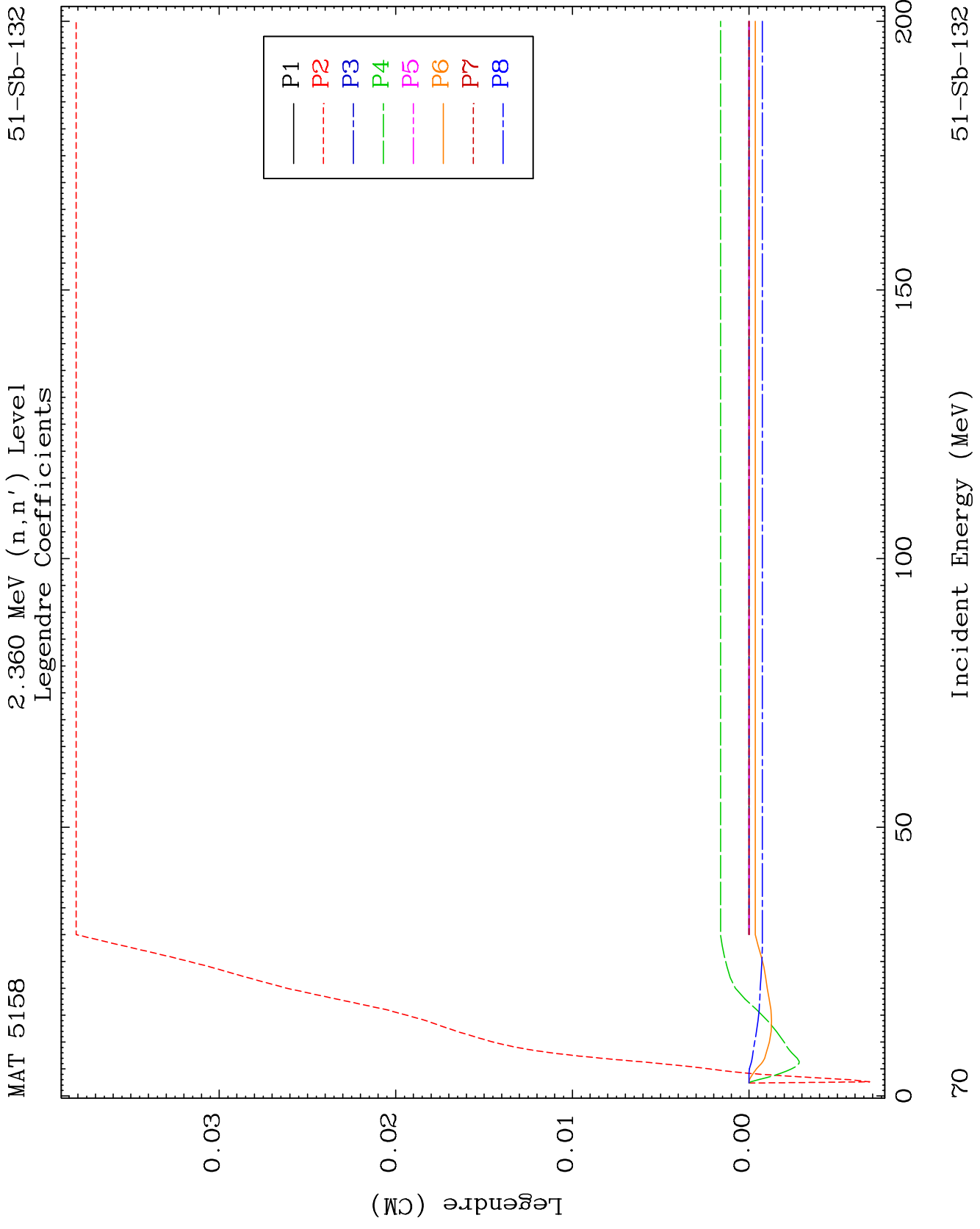
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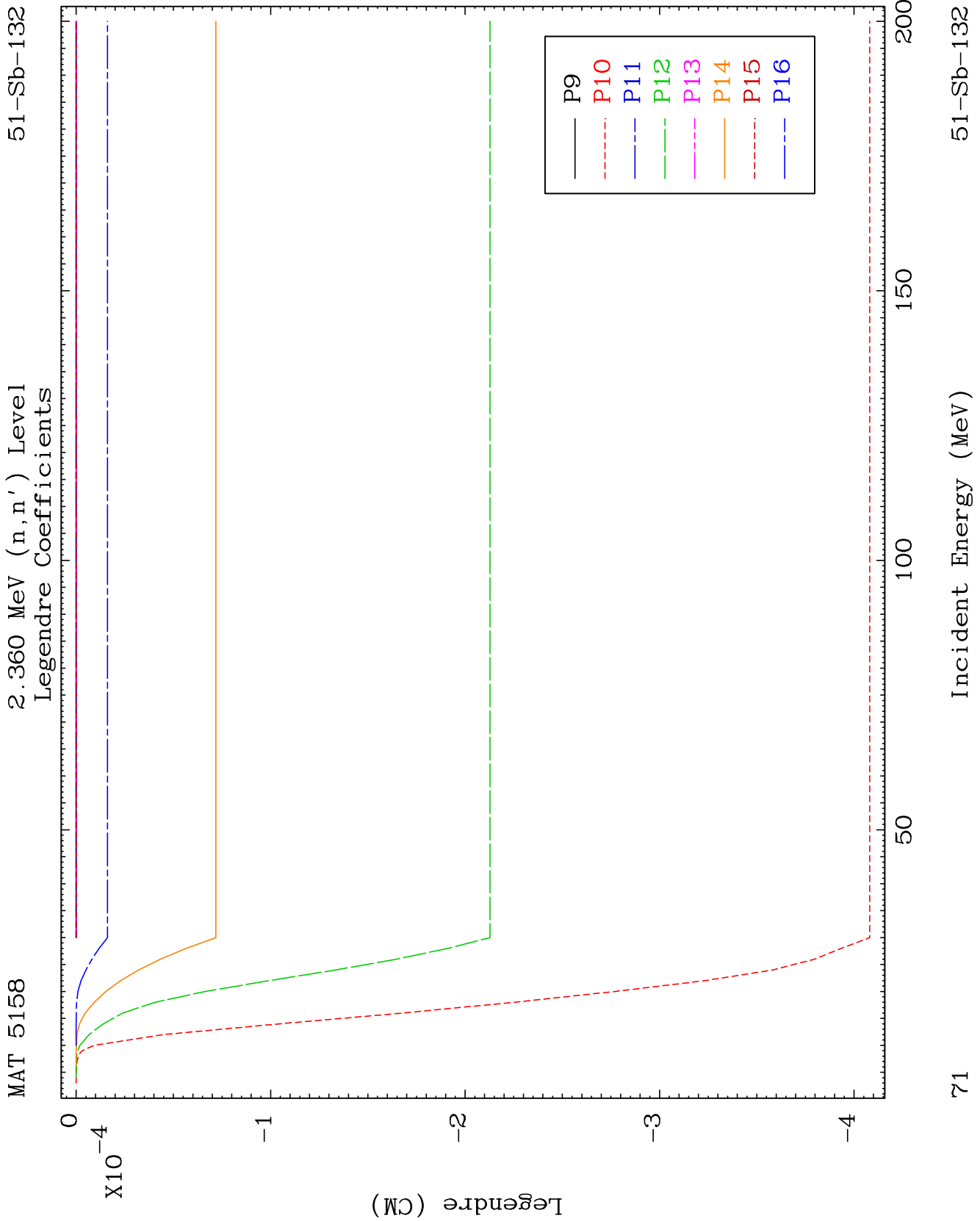
Incident Energy (MeV)

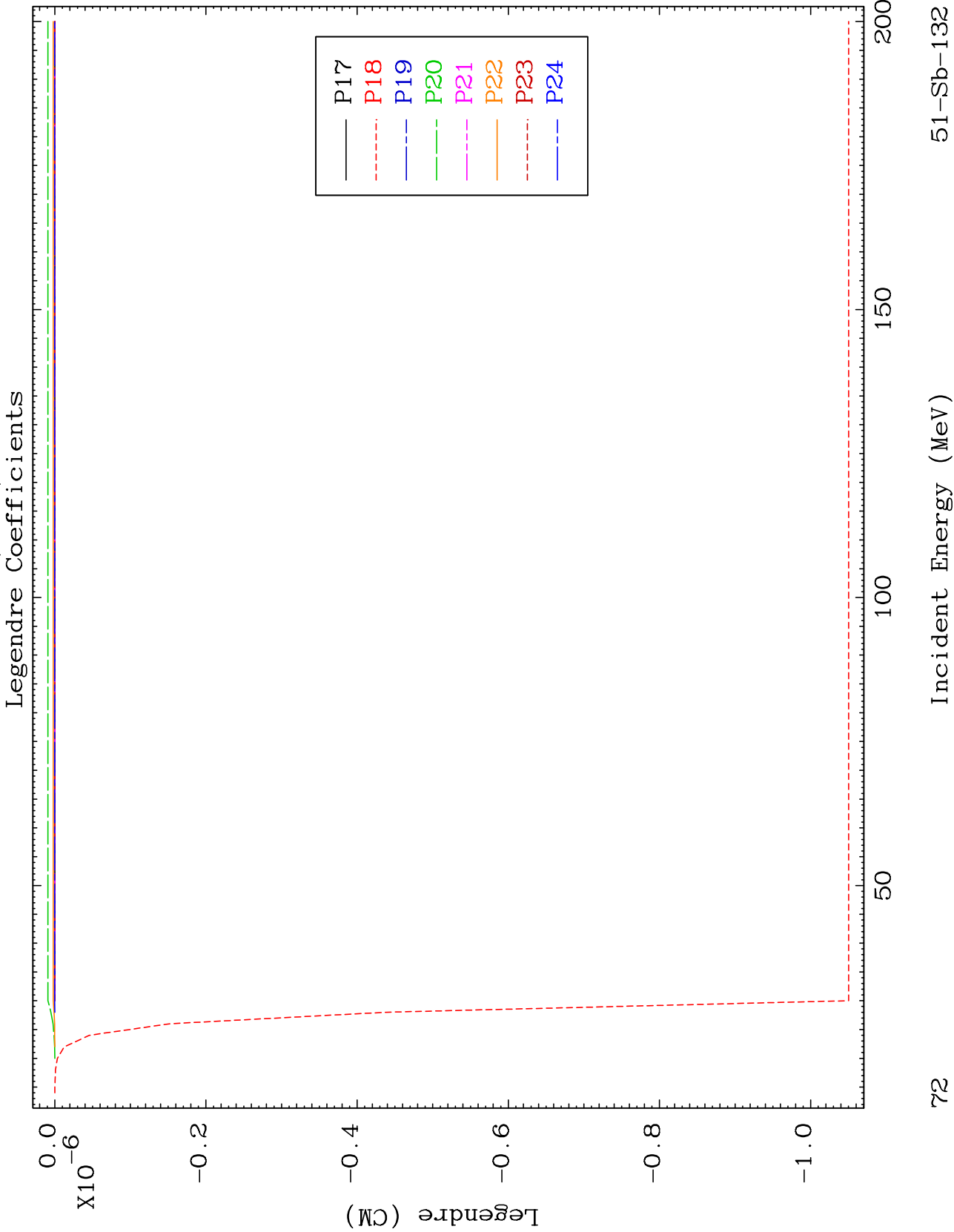
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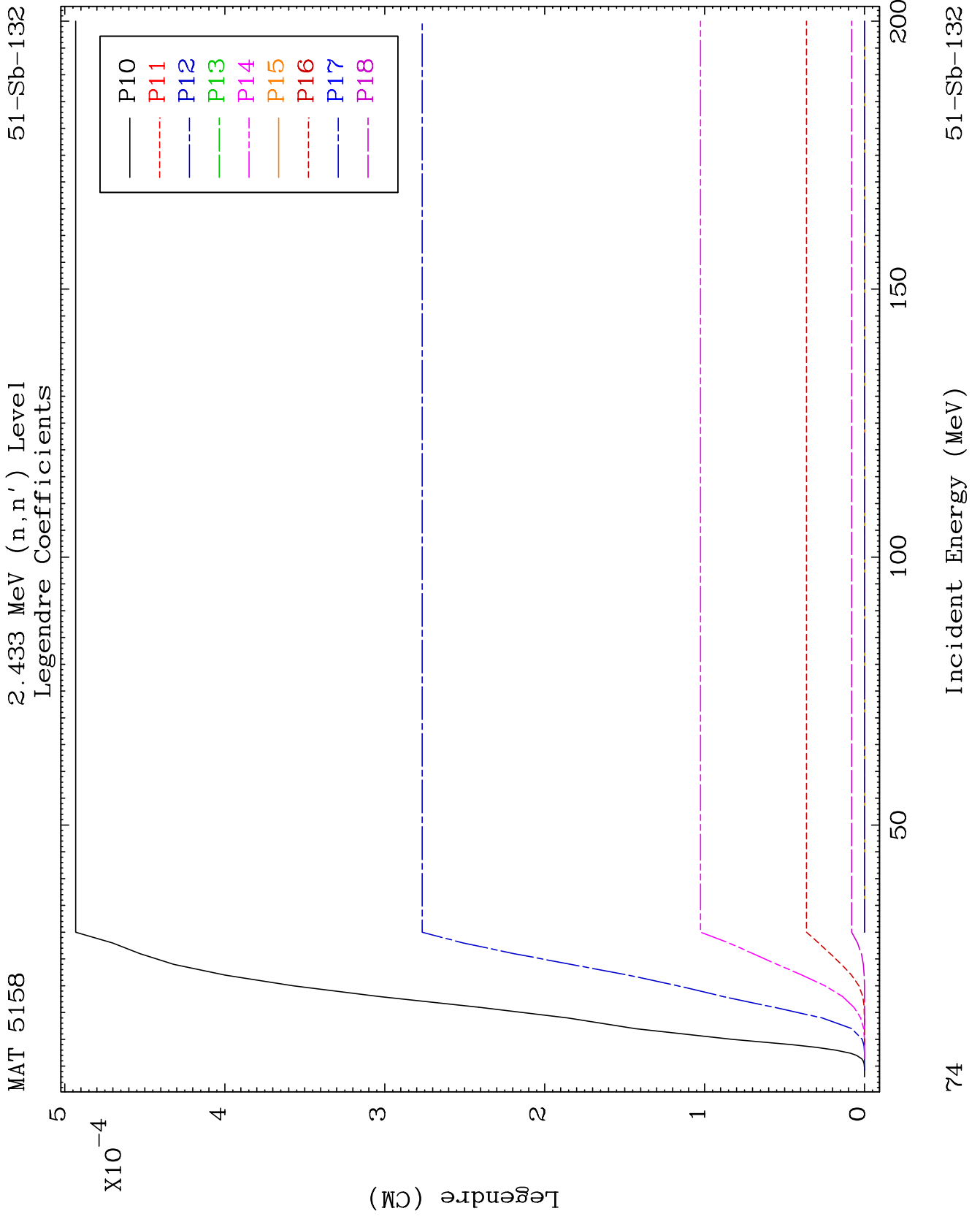


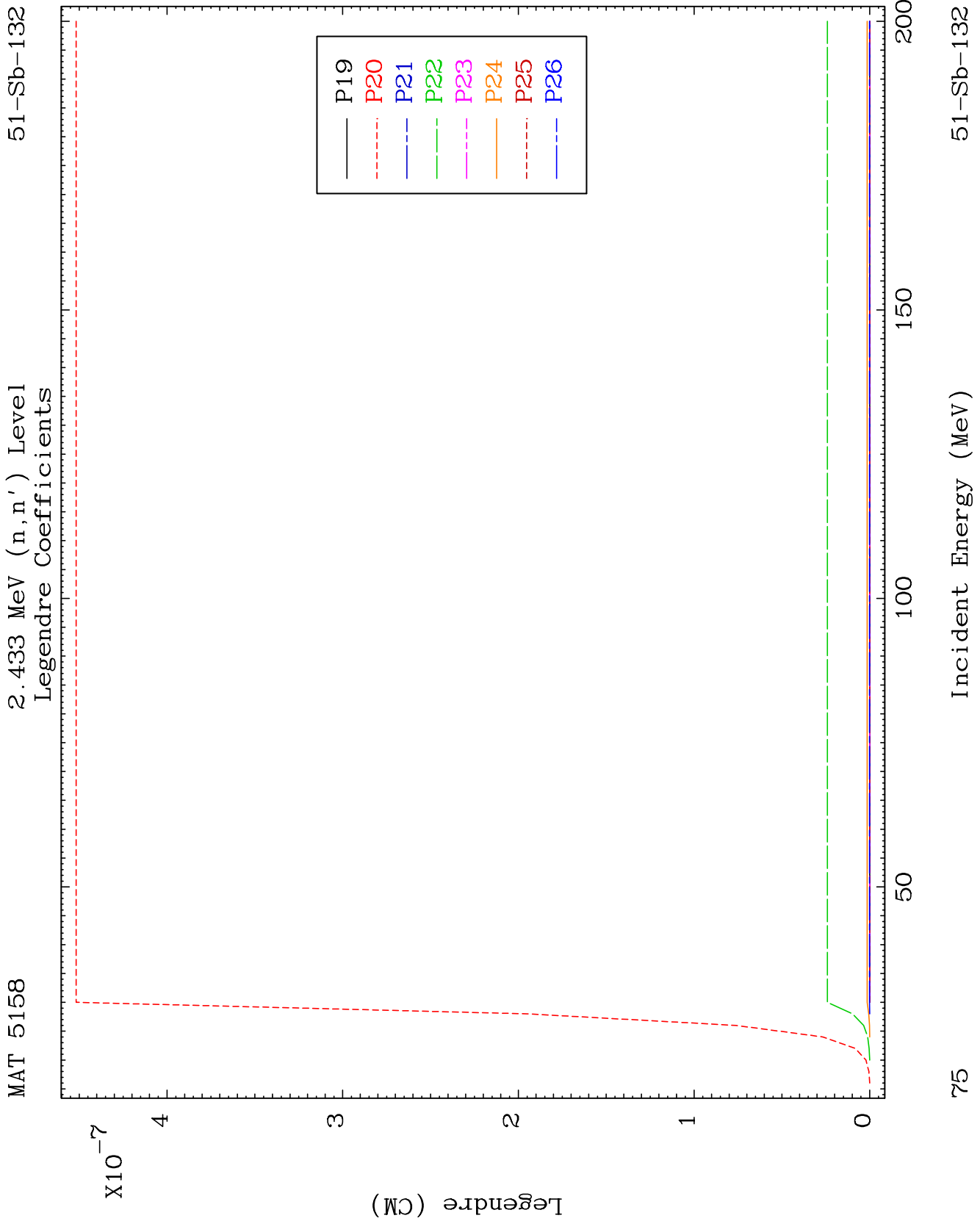








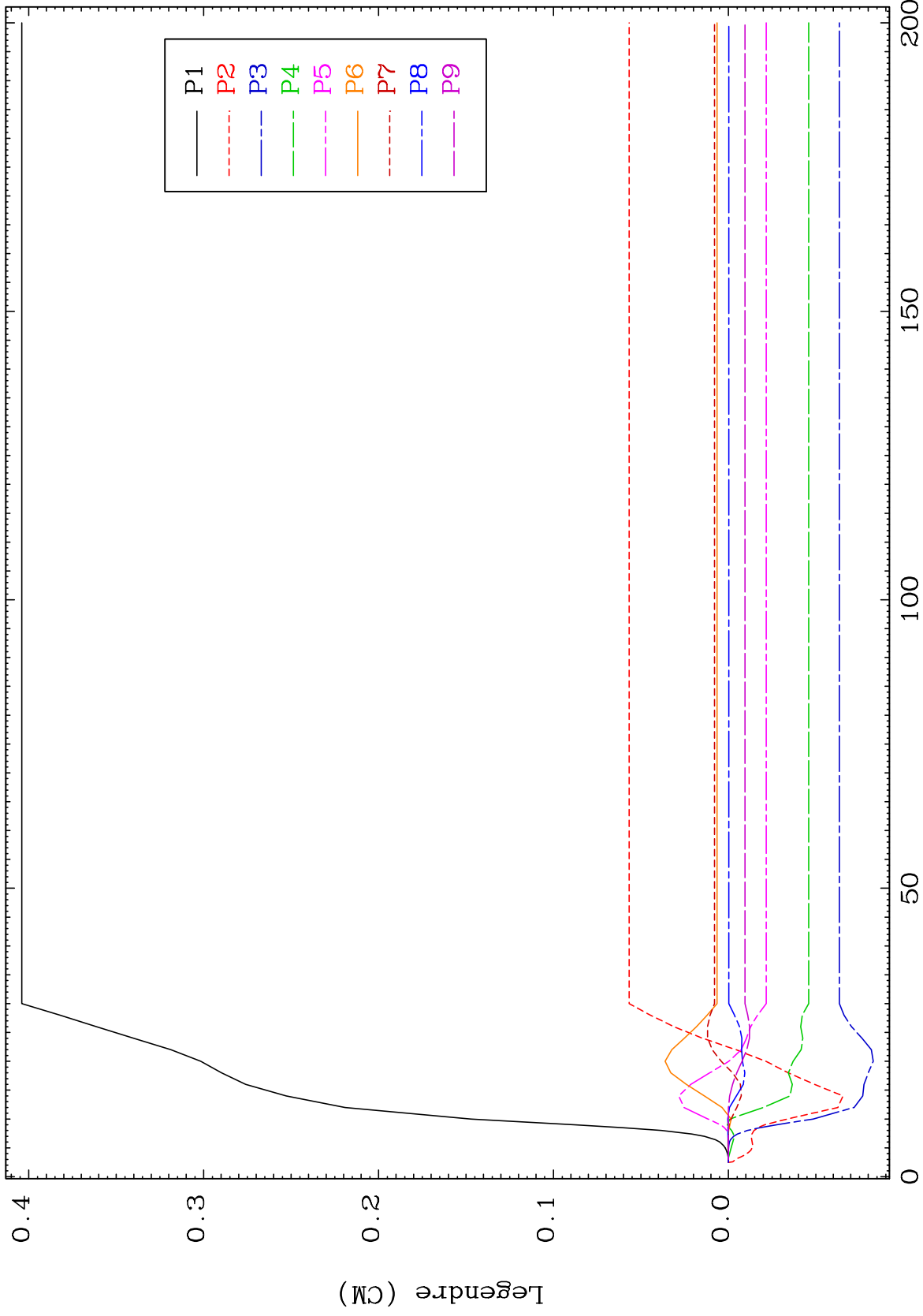




MAT 5158

2.442 MeV (n,n') Level
Legendre Coefficients

51-Sb-132



76

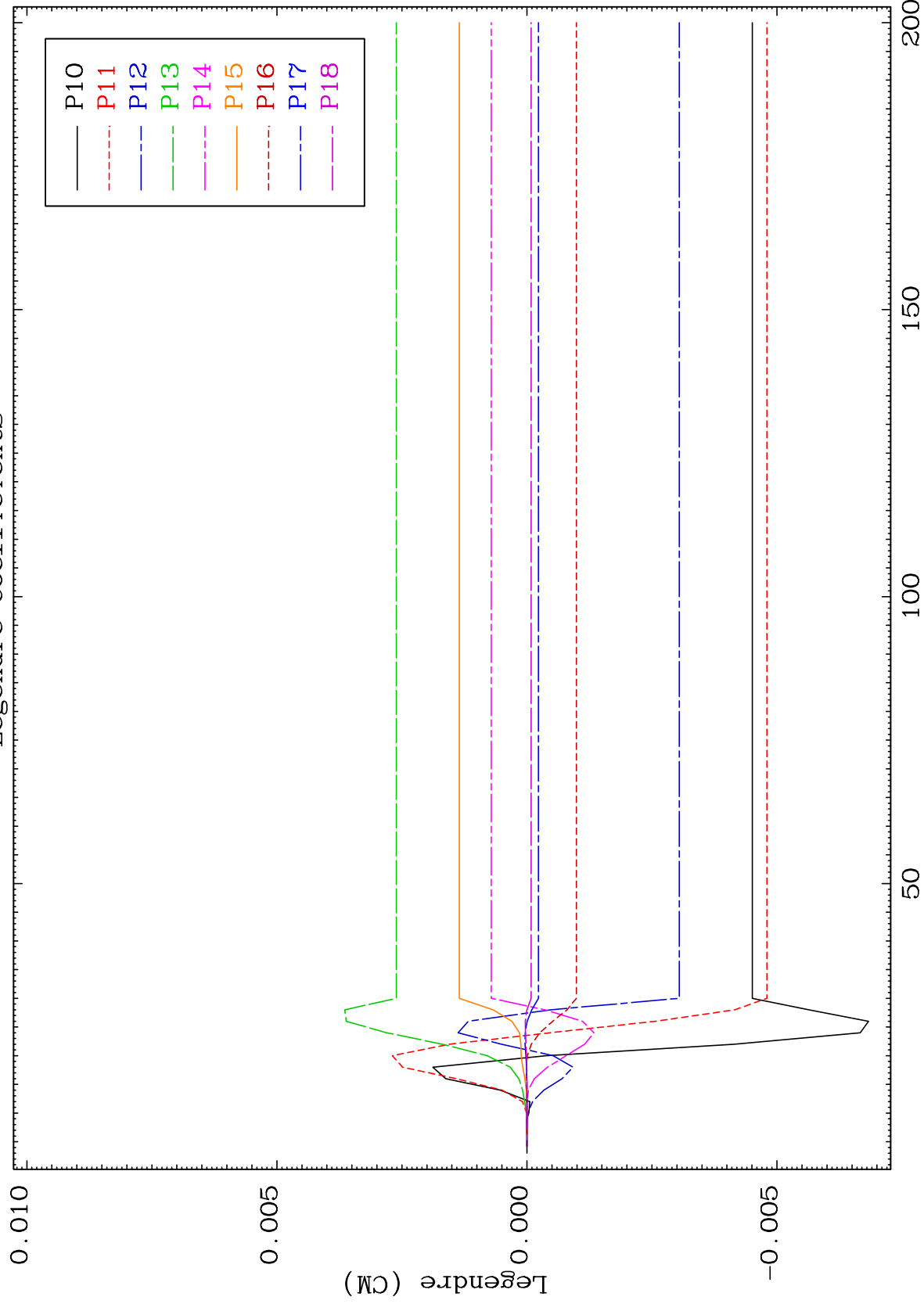
Incident Energy (MeV)

51-Sb-132

MAT 5158

2.442 MeV (n,n') Level
Legendre Coefficients

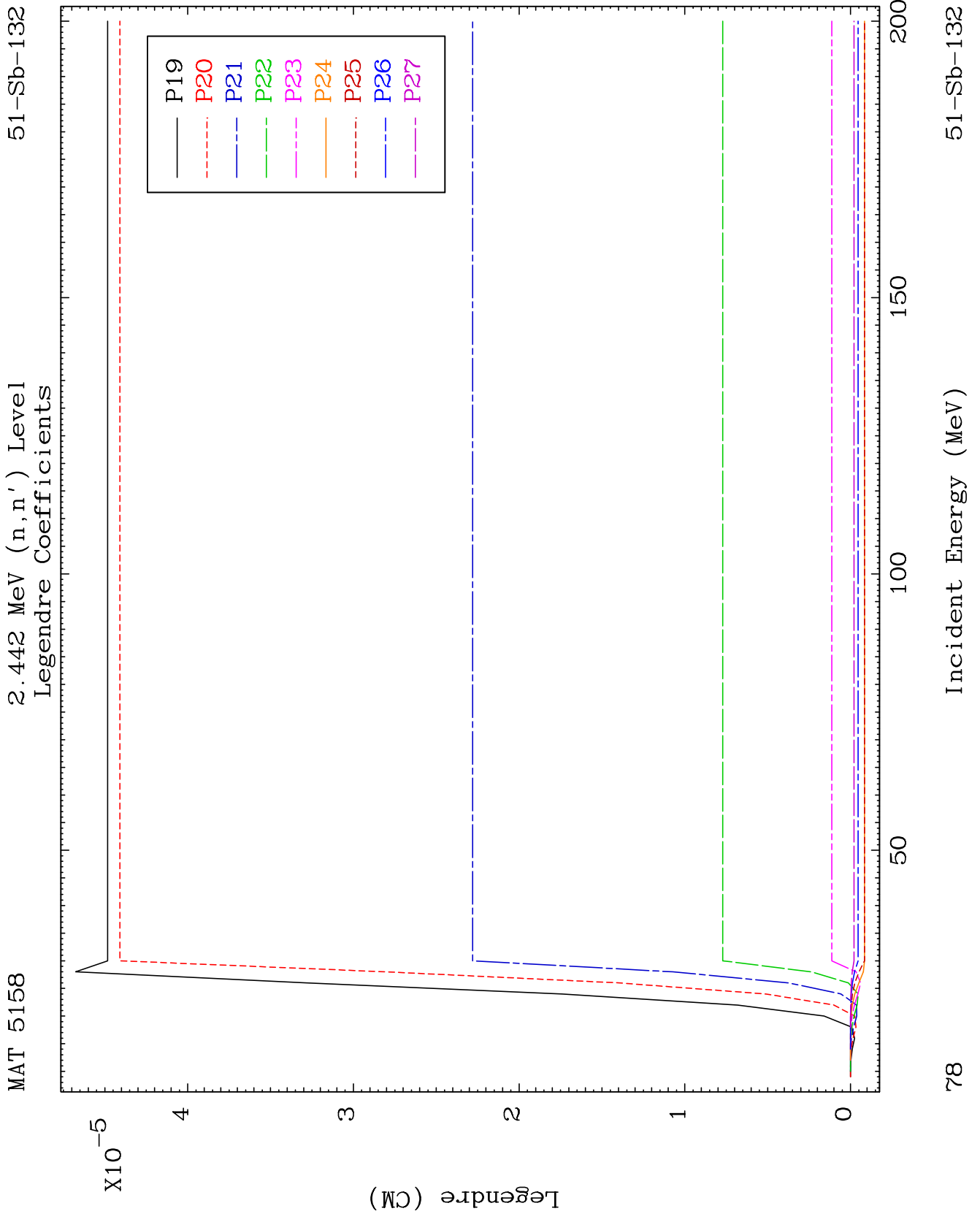
51-Sb-132

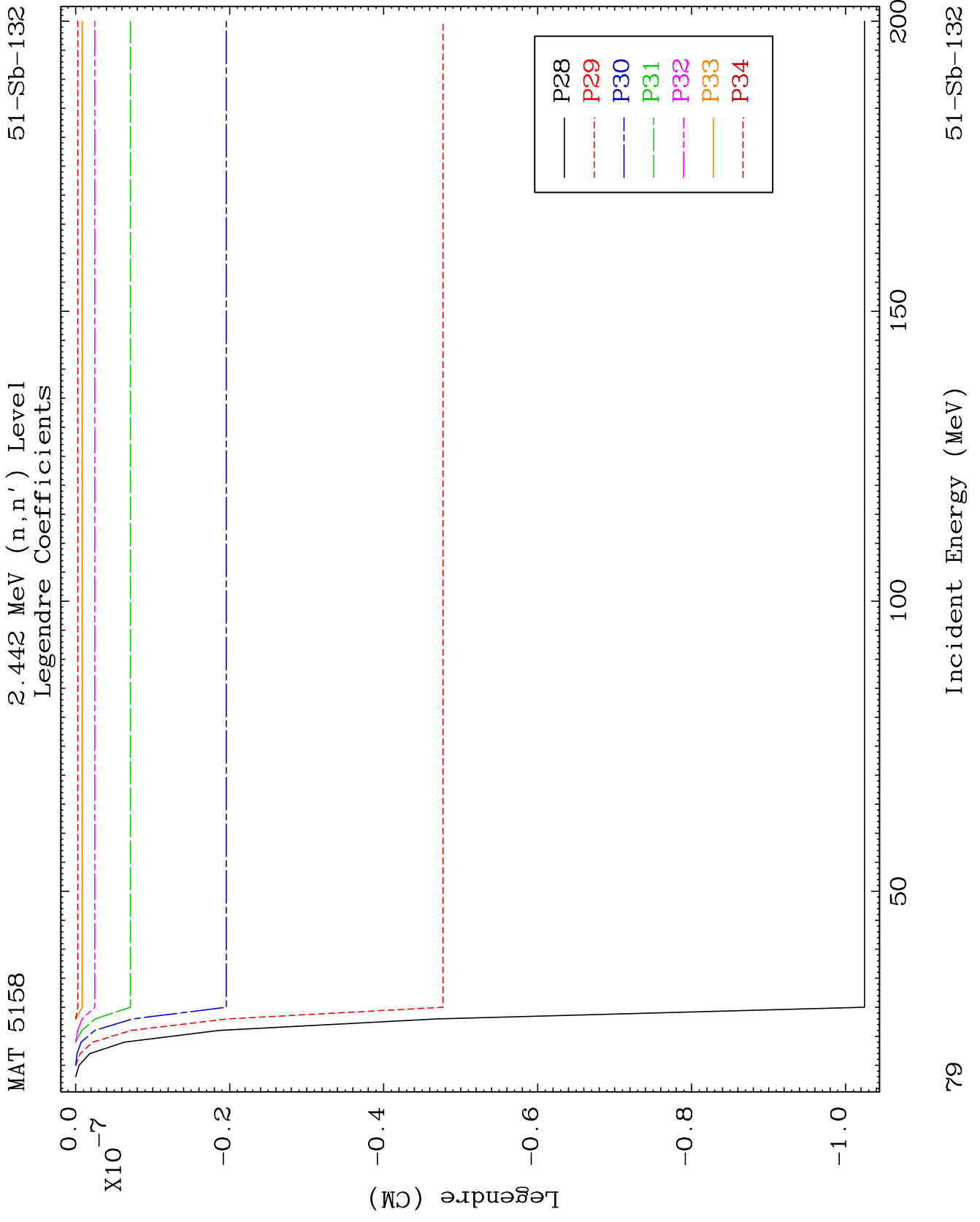


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Incident Energy (MeV)

51-Sb-132

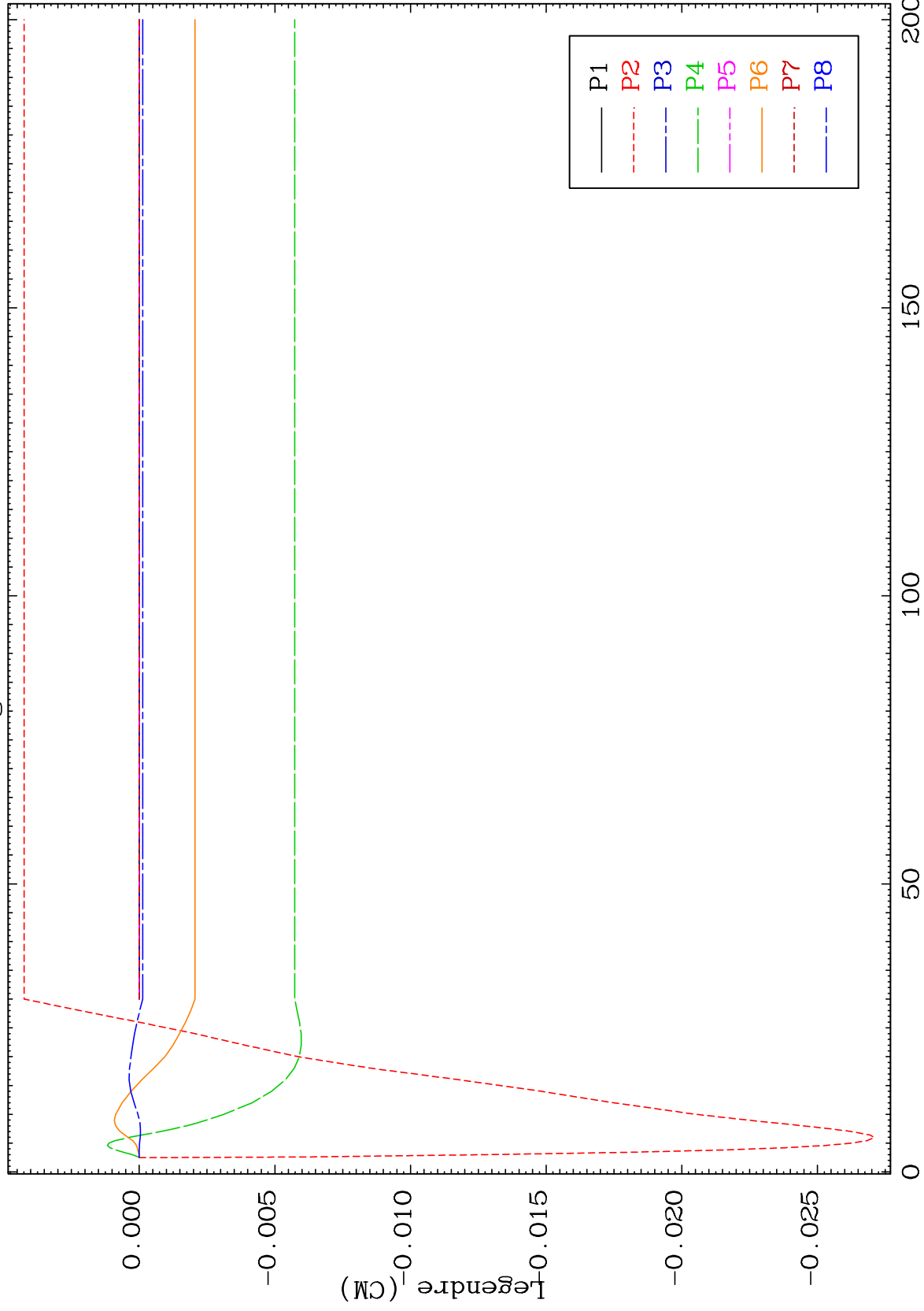




MAT 5158

2.450 MeV (n,n') Level
Legendre Coefficients

51-Sb-132

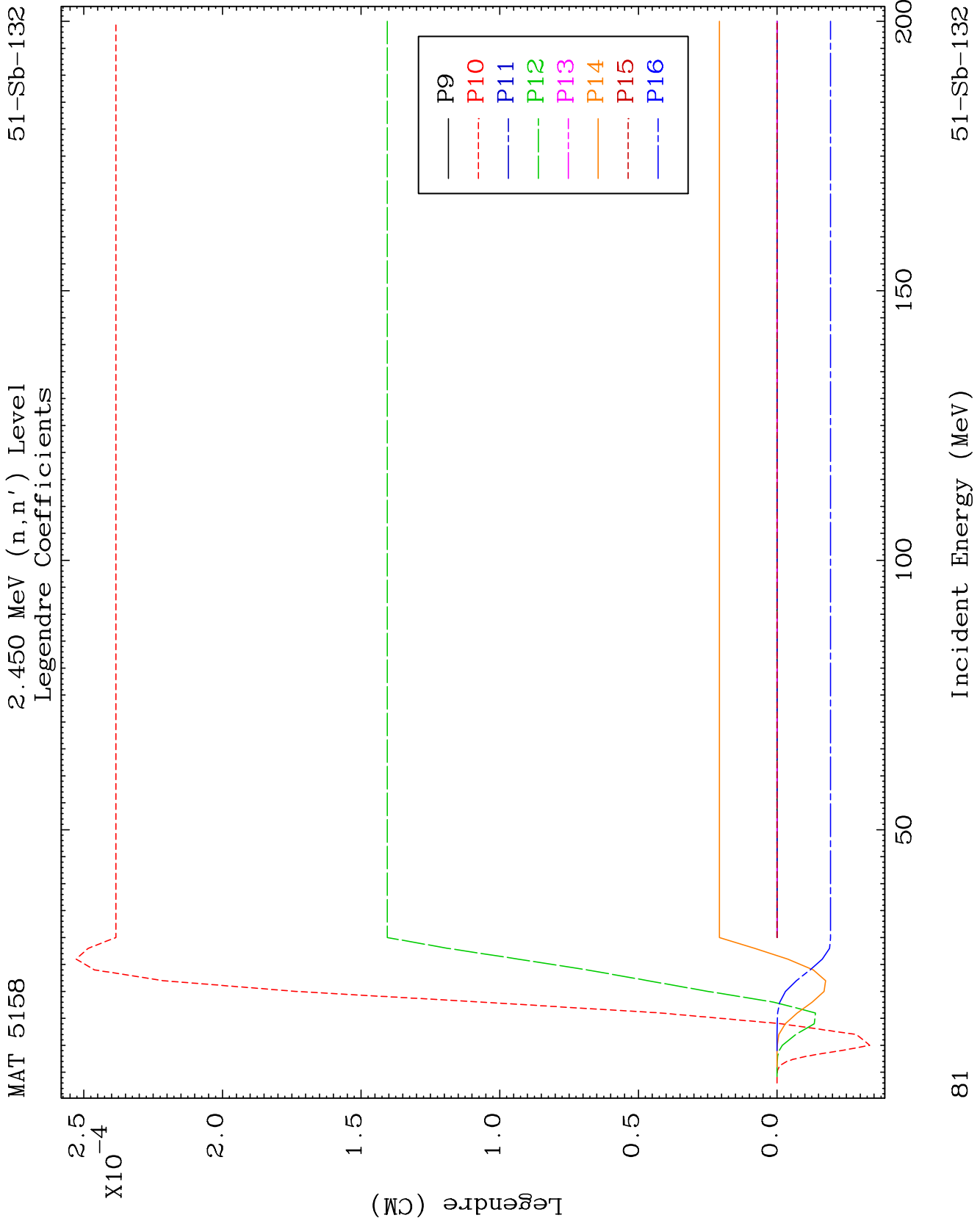


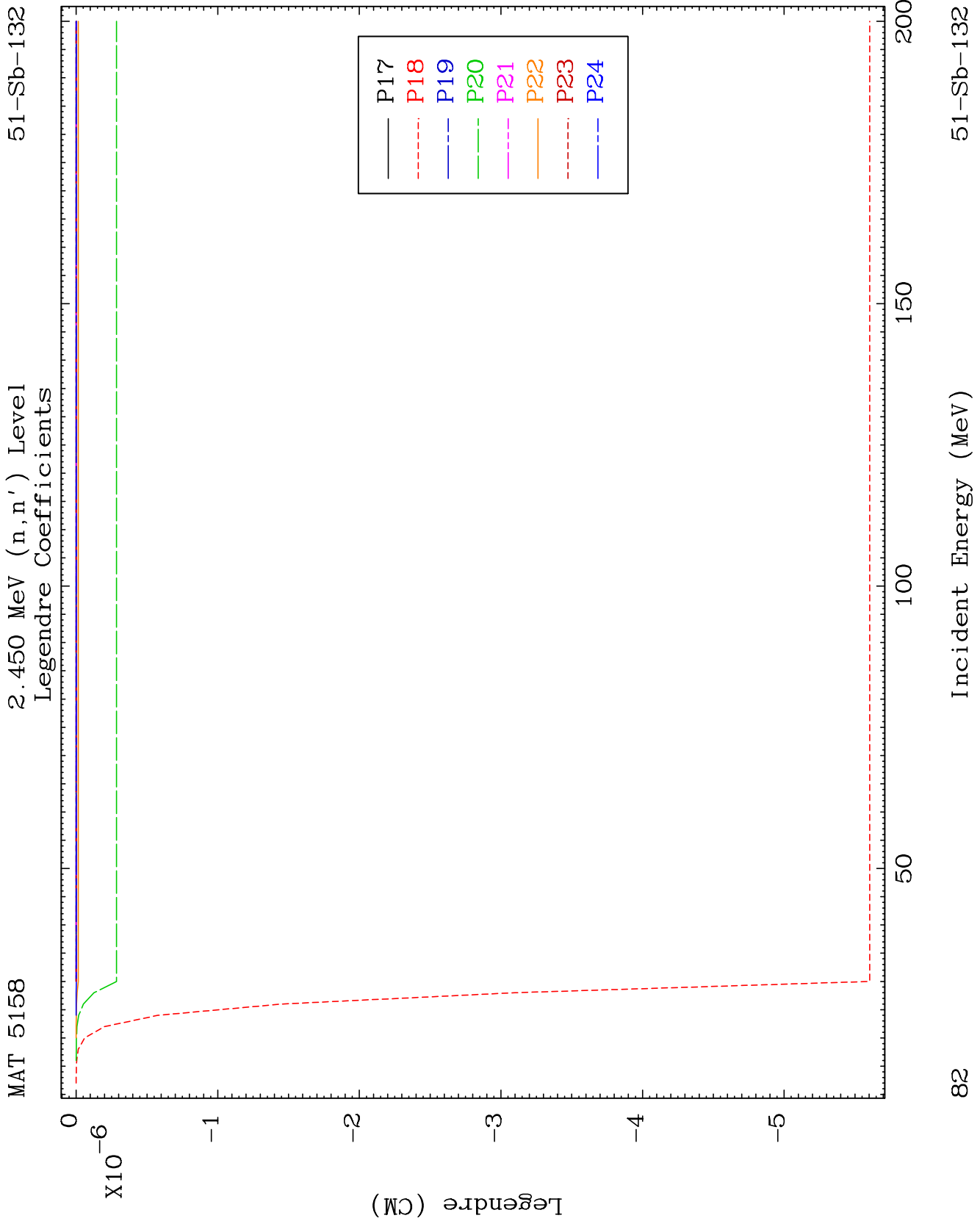
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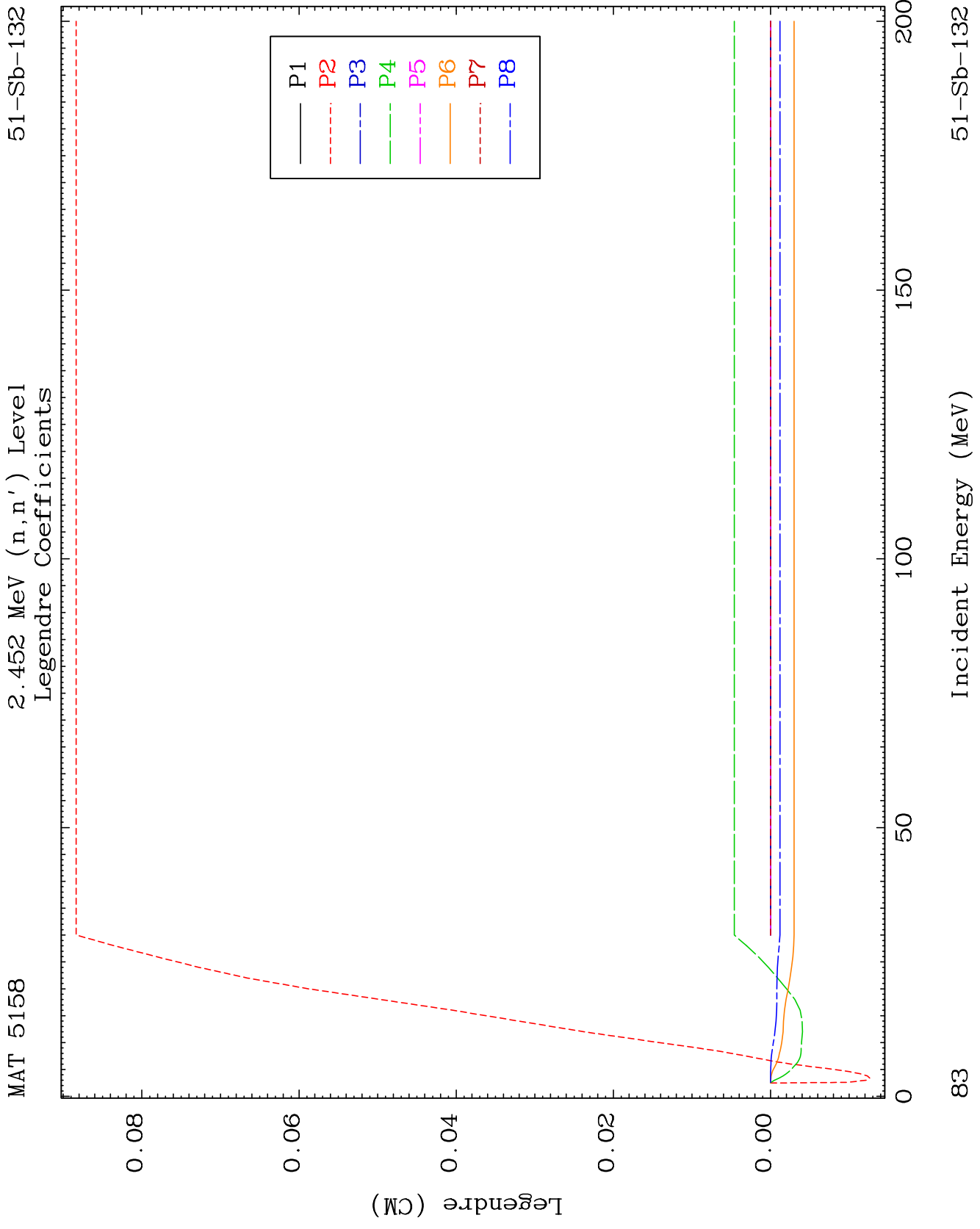
Incident Energy (MeV)

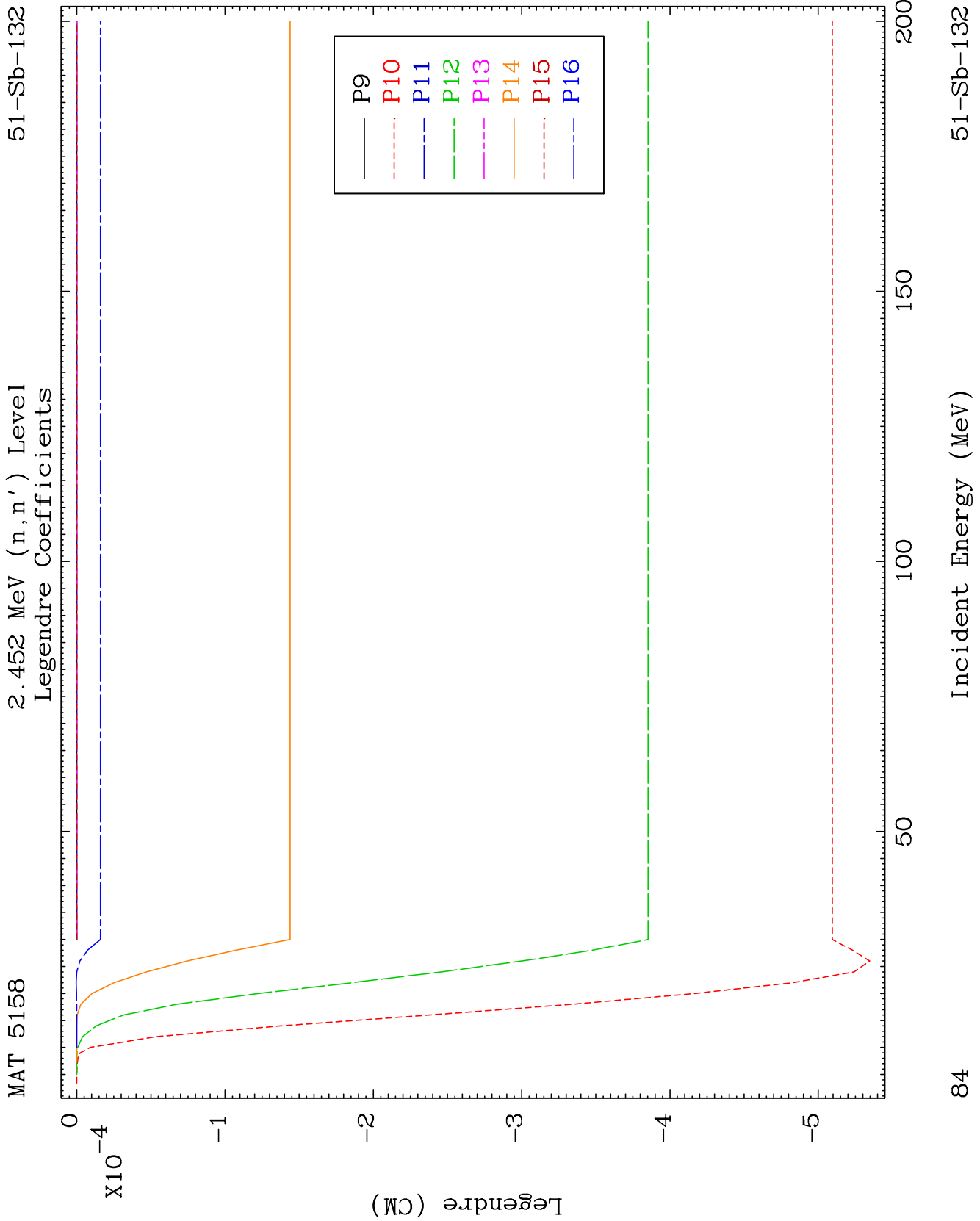
150

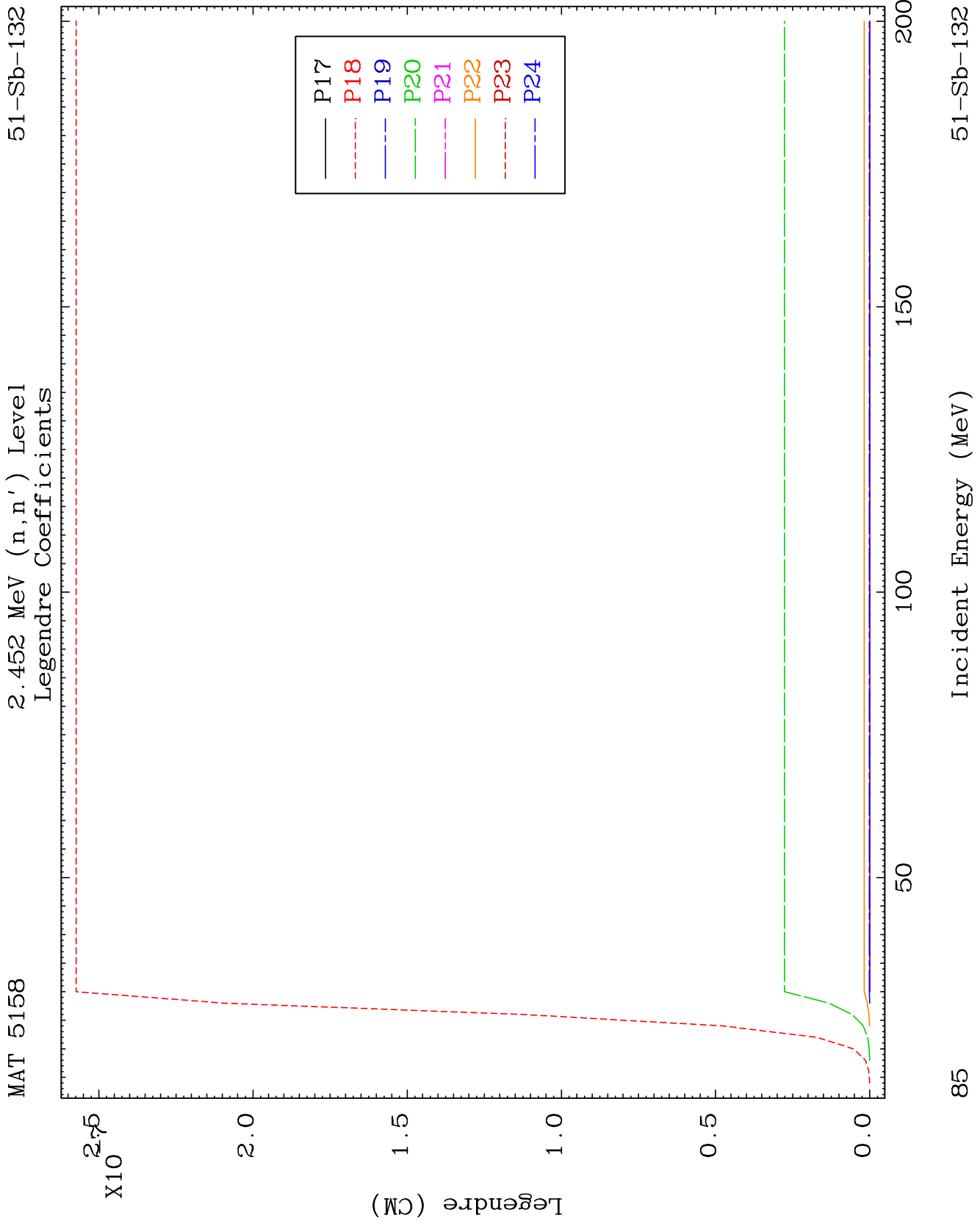
51-Sb-132







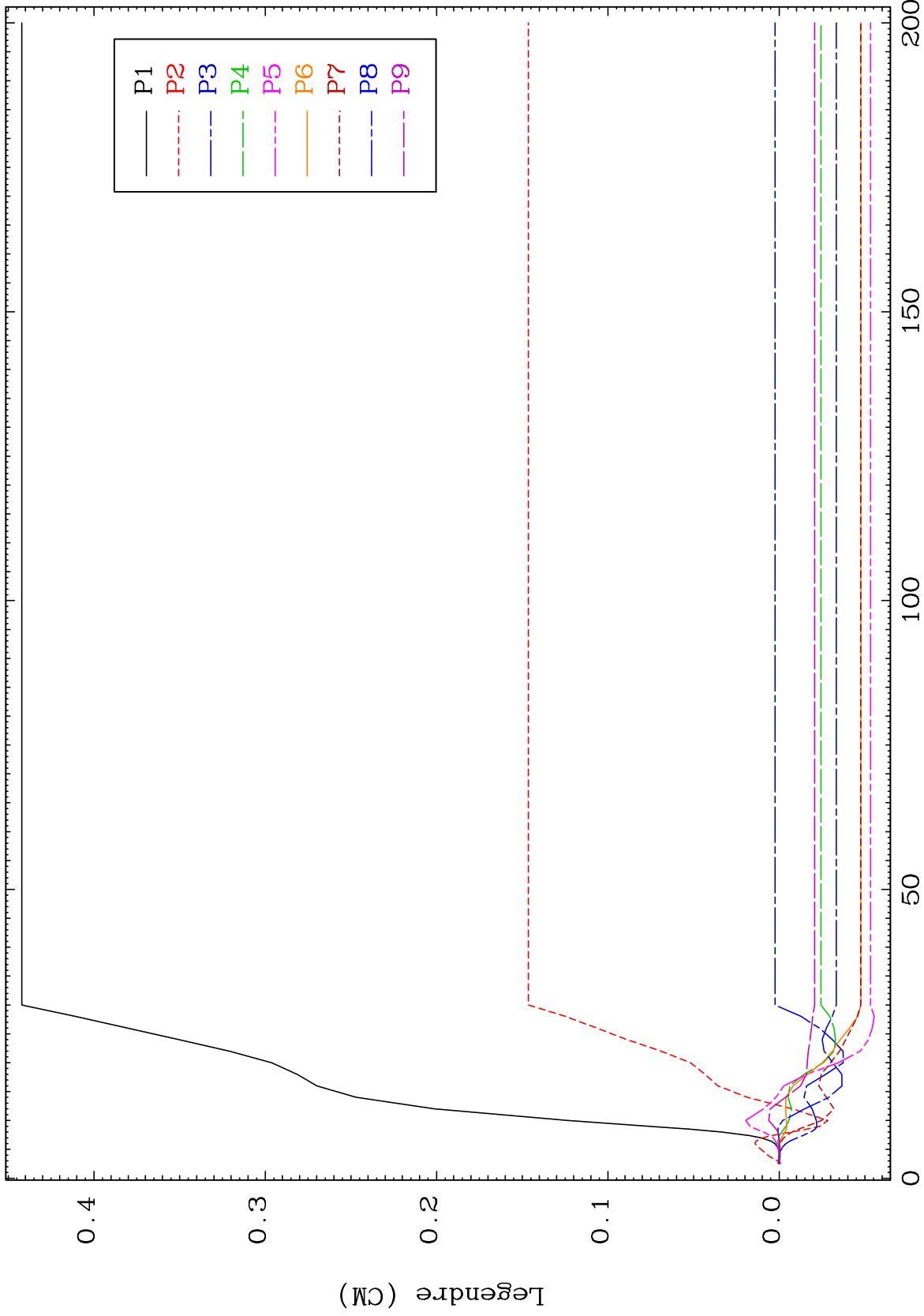




MAT 5158

2.468 MeV (n,n') Level
Legendre Coefficients

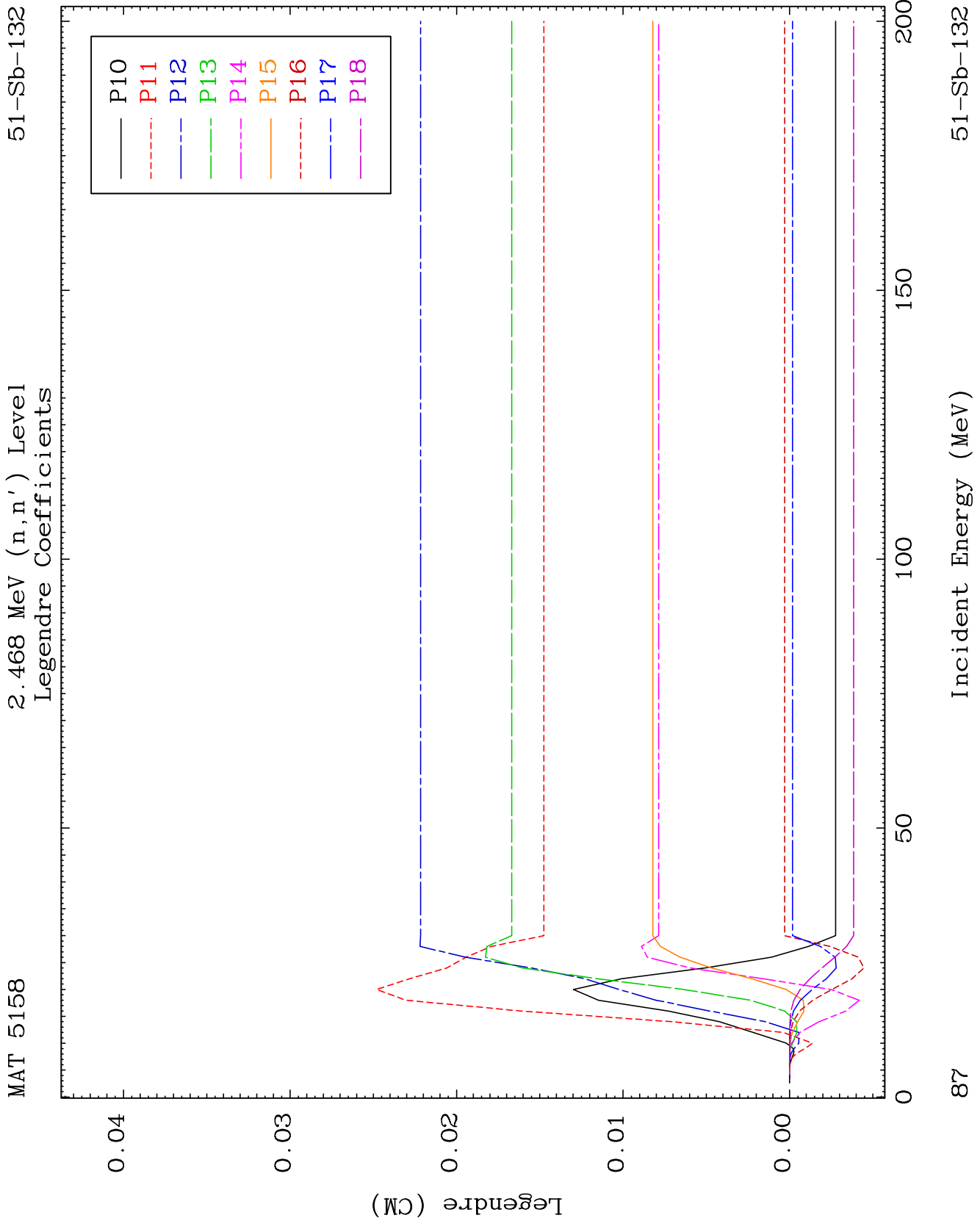
51-Sb-132

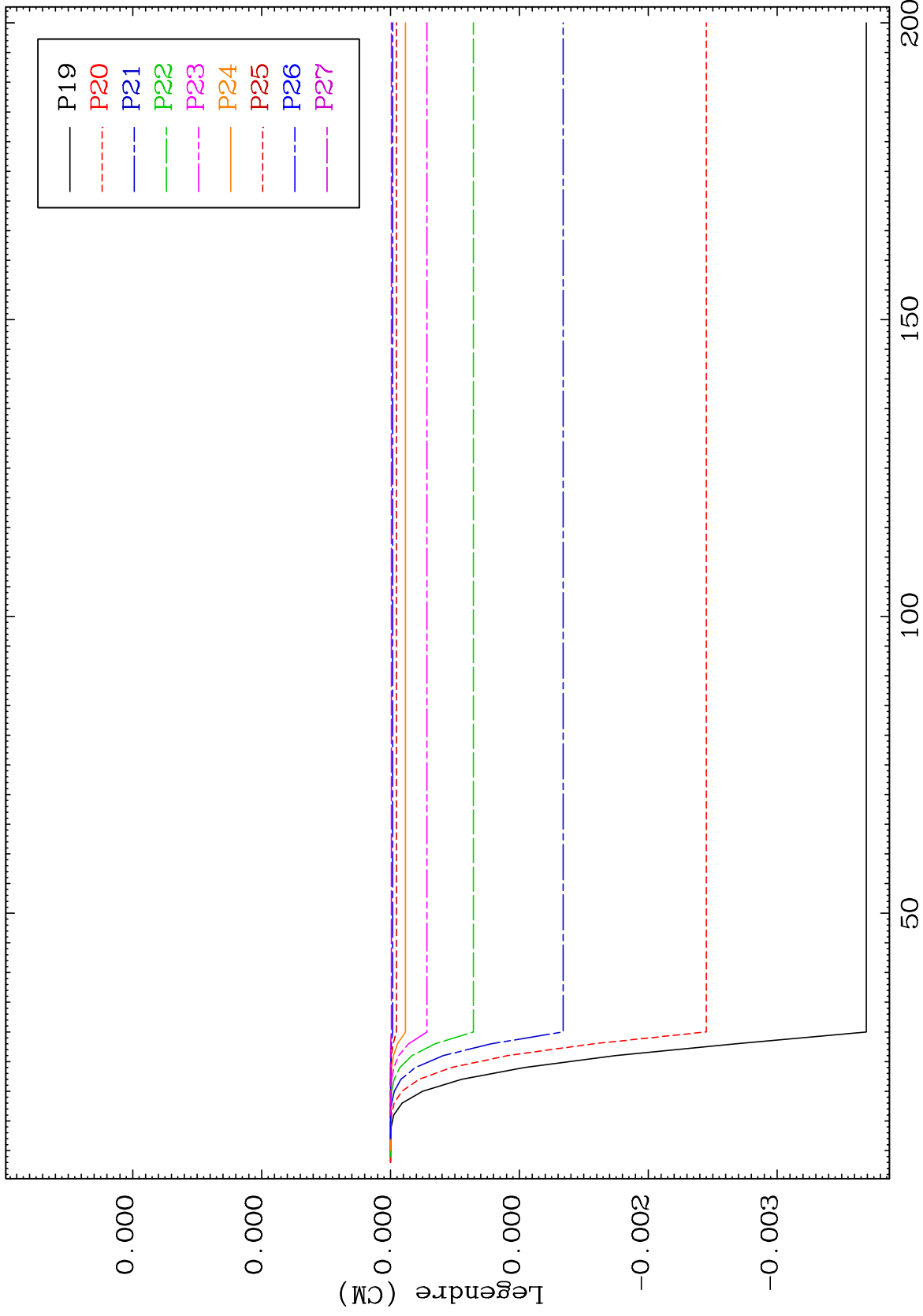


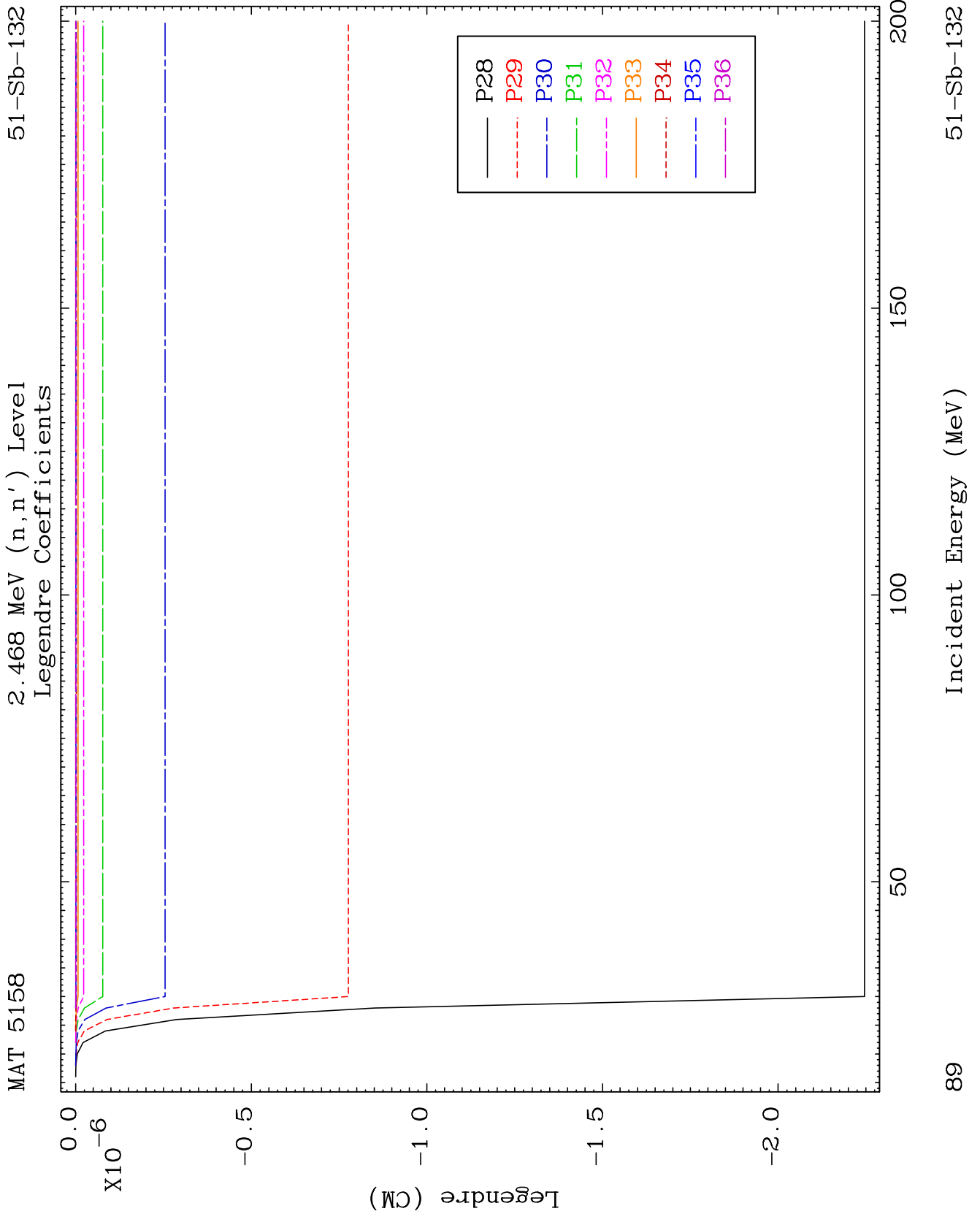
86

Incident Energy (MeV)

51-Sb-132



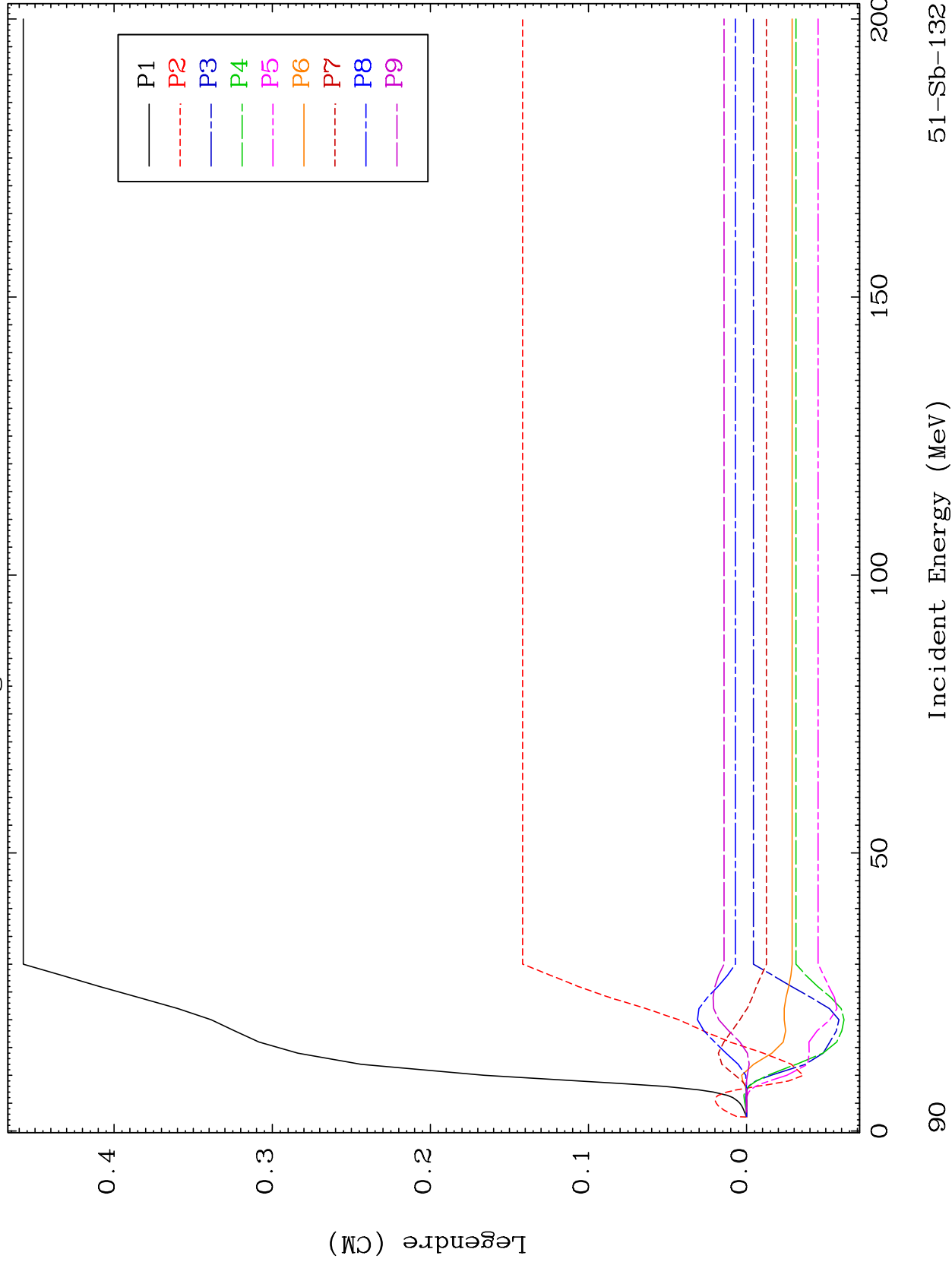




MAT 5158

2.477 MeV (n,n') Level
Legendre Coefficients

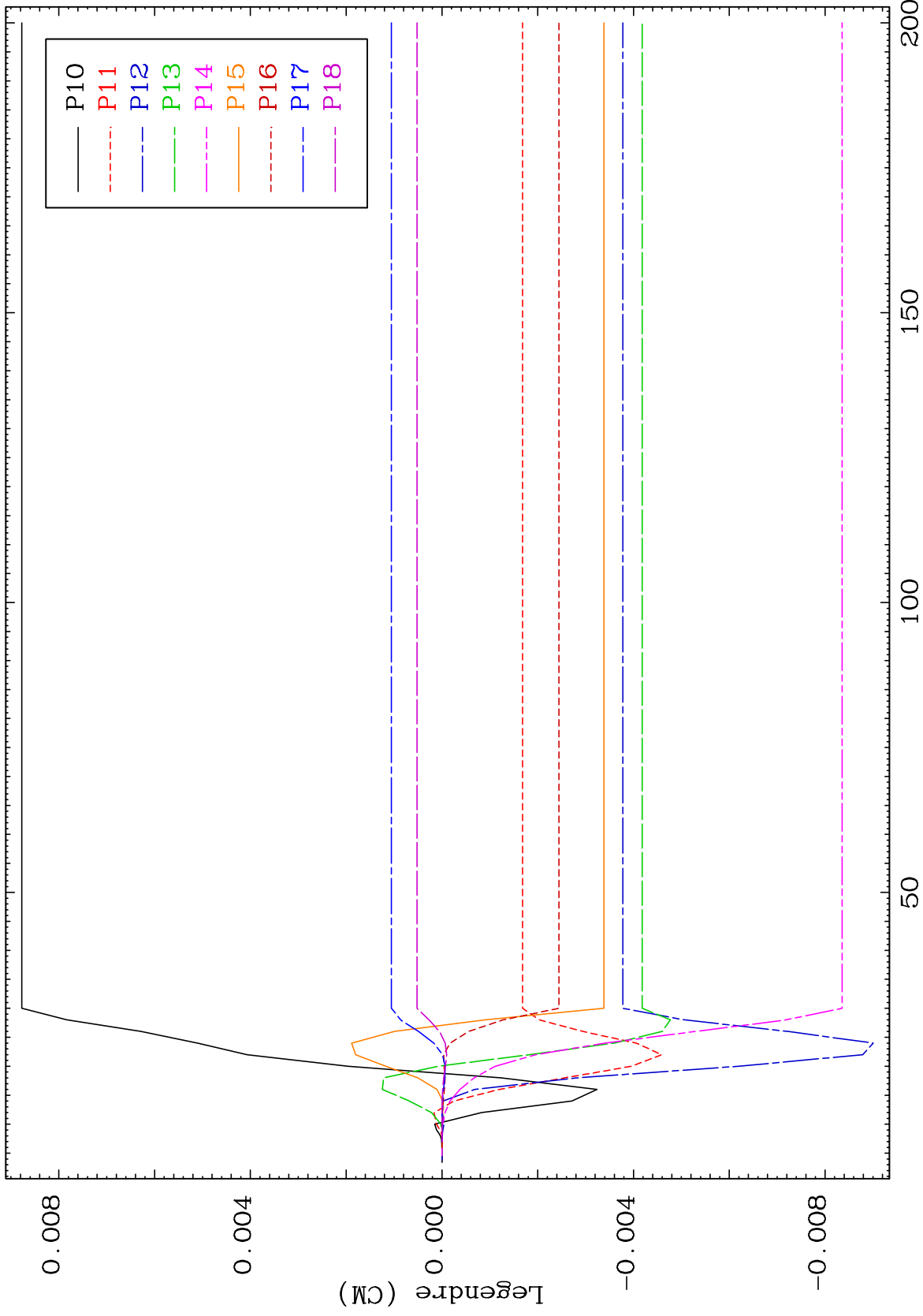
51-Sb-132

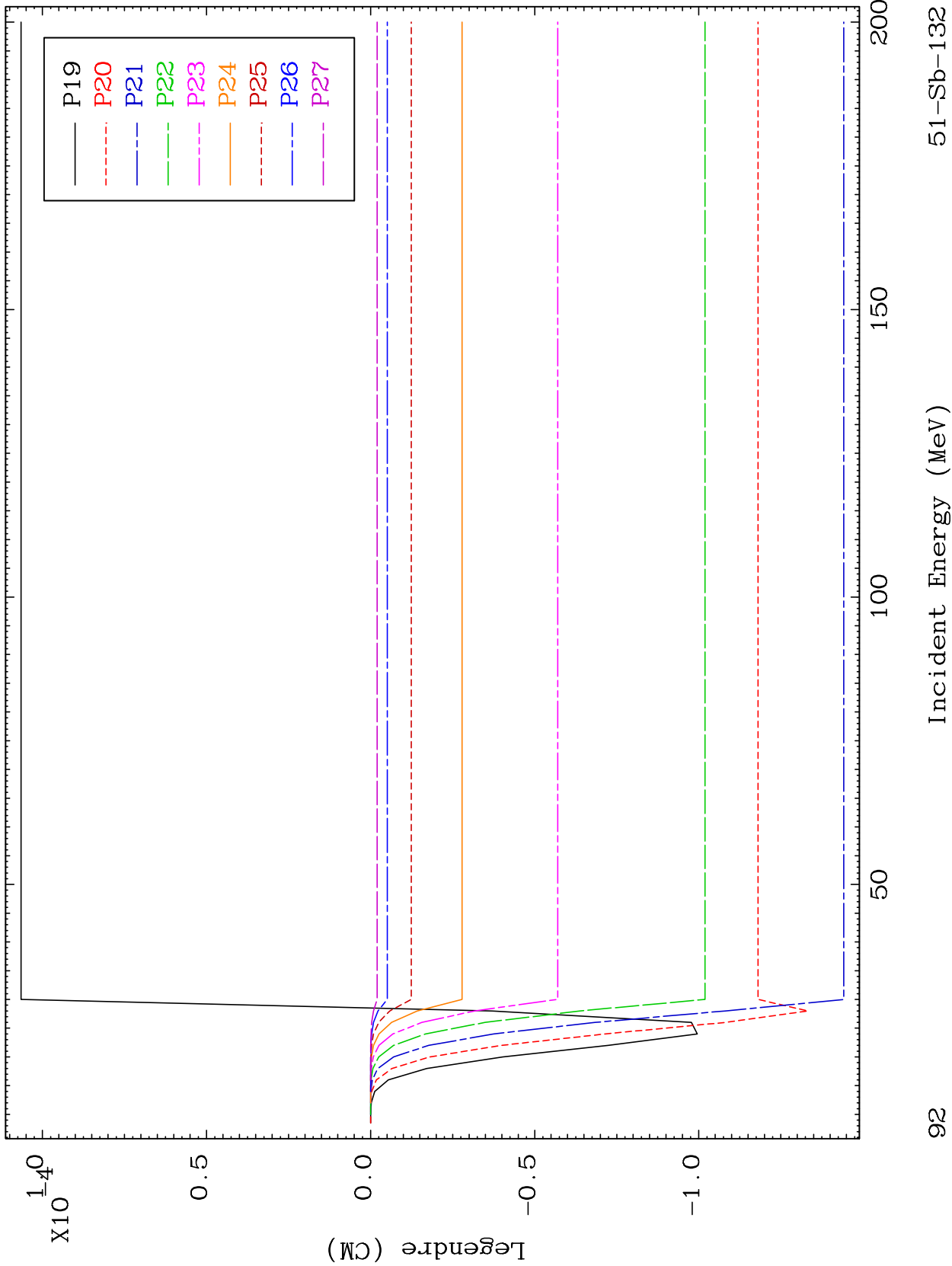


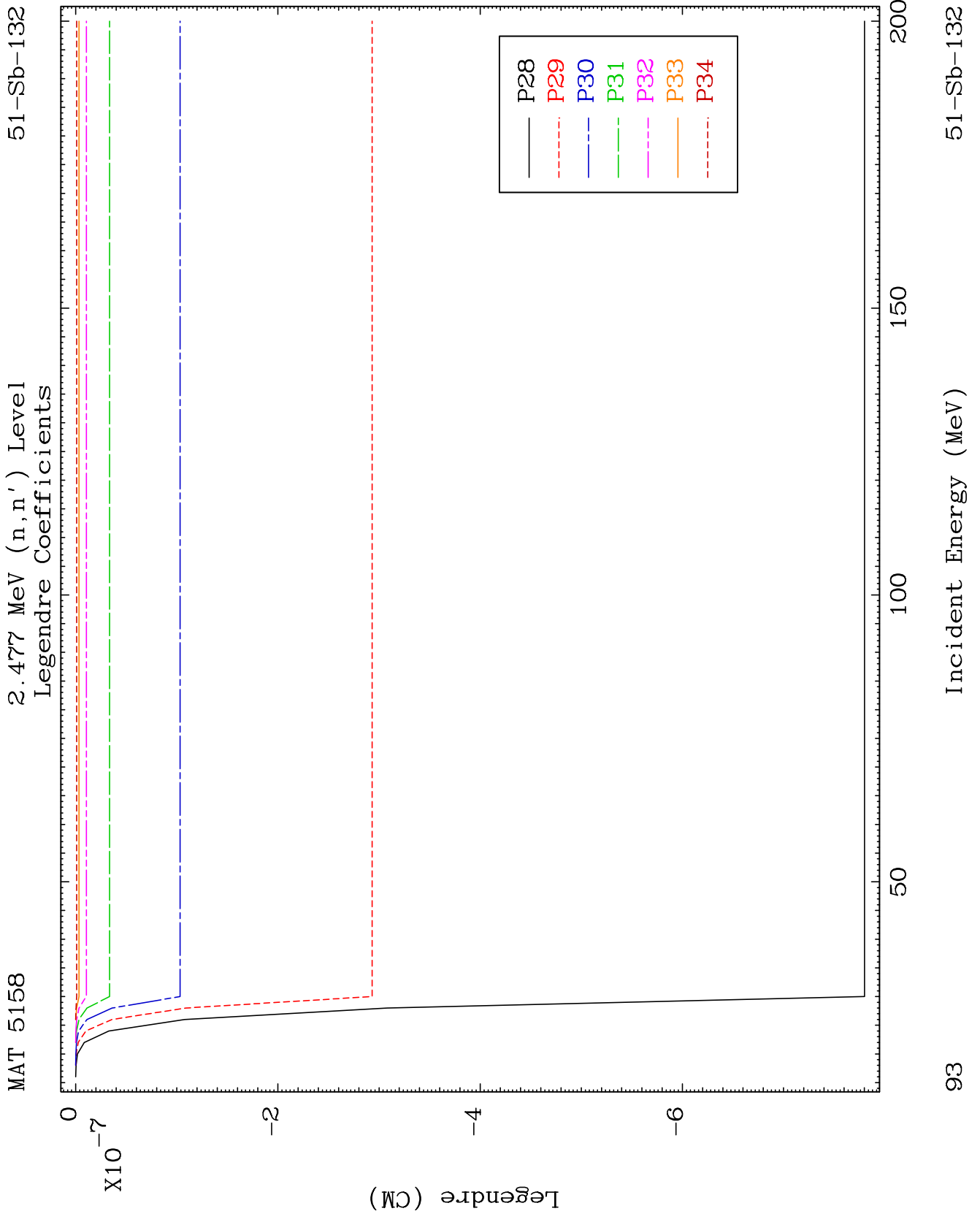
51-Sb-132

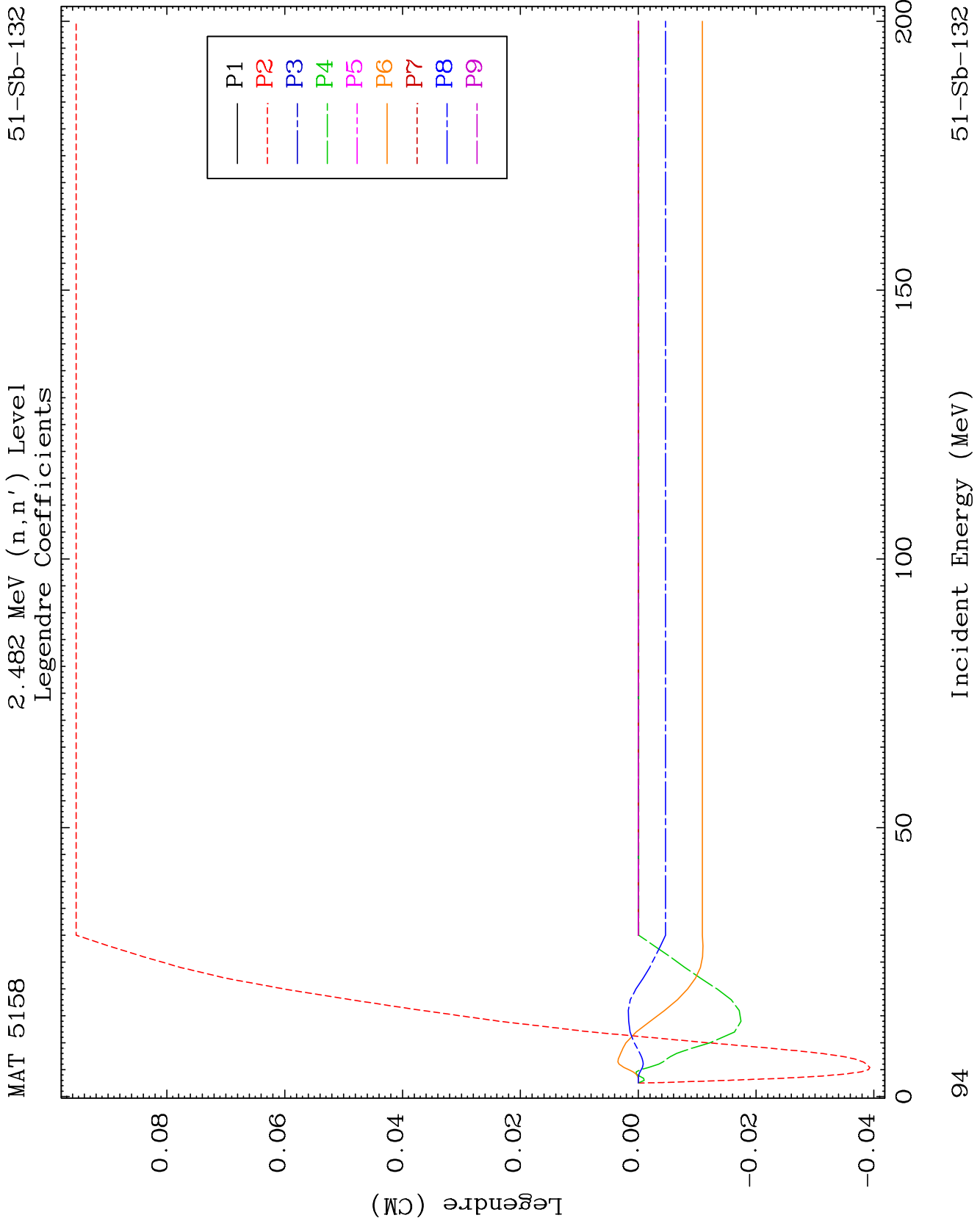
Incident Energy (MeV)

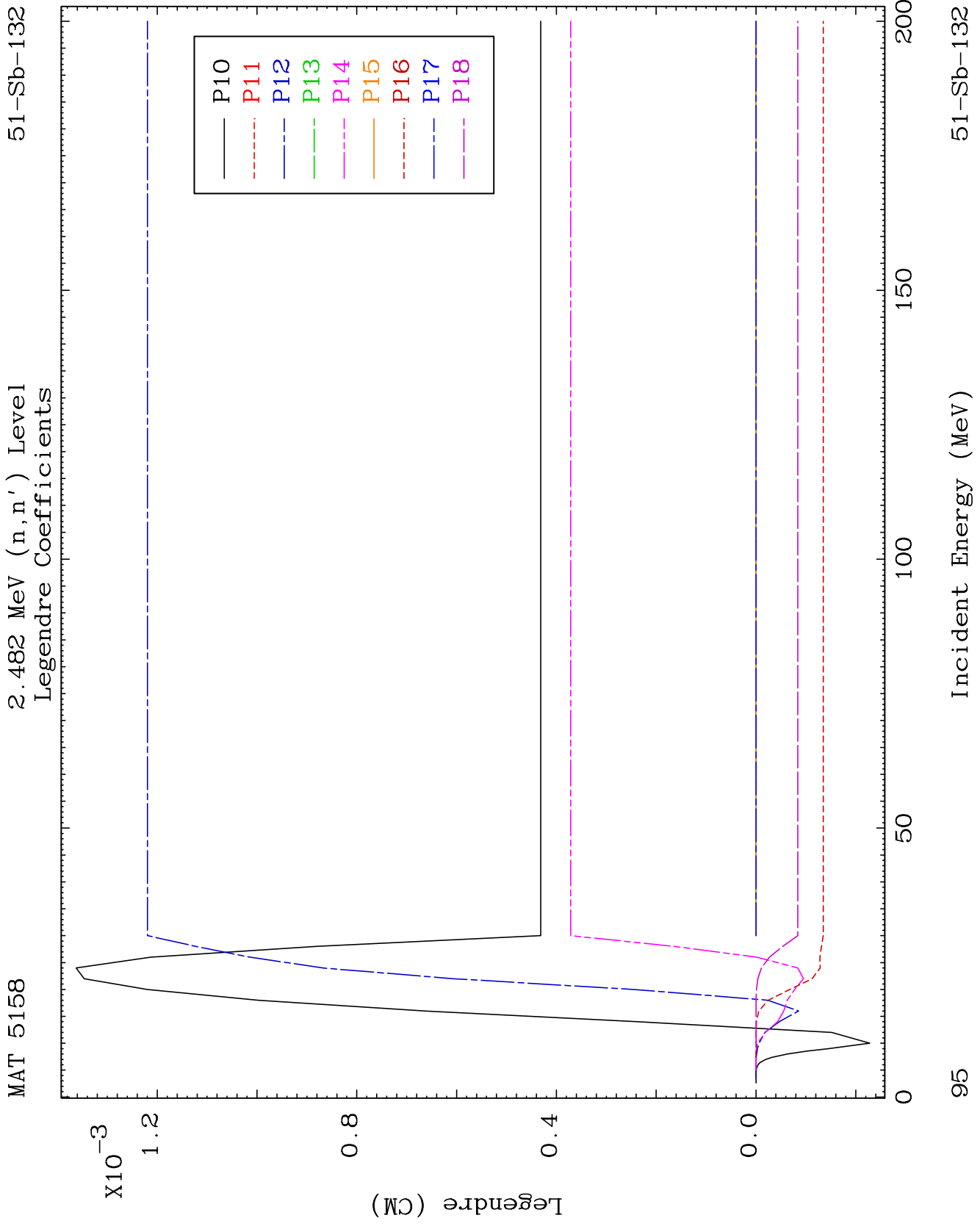
90

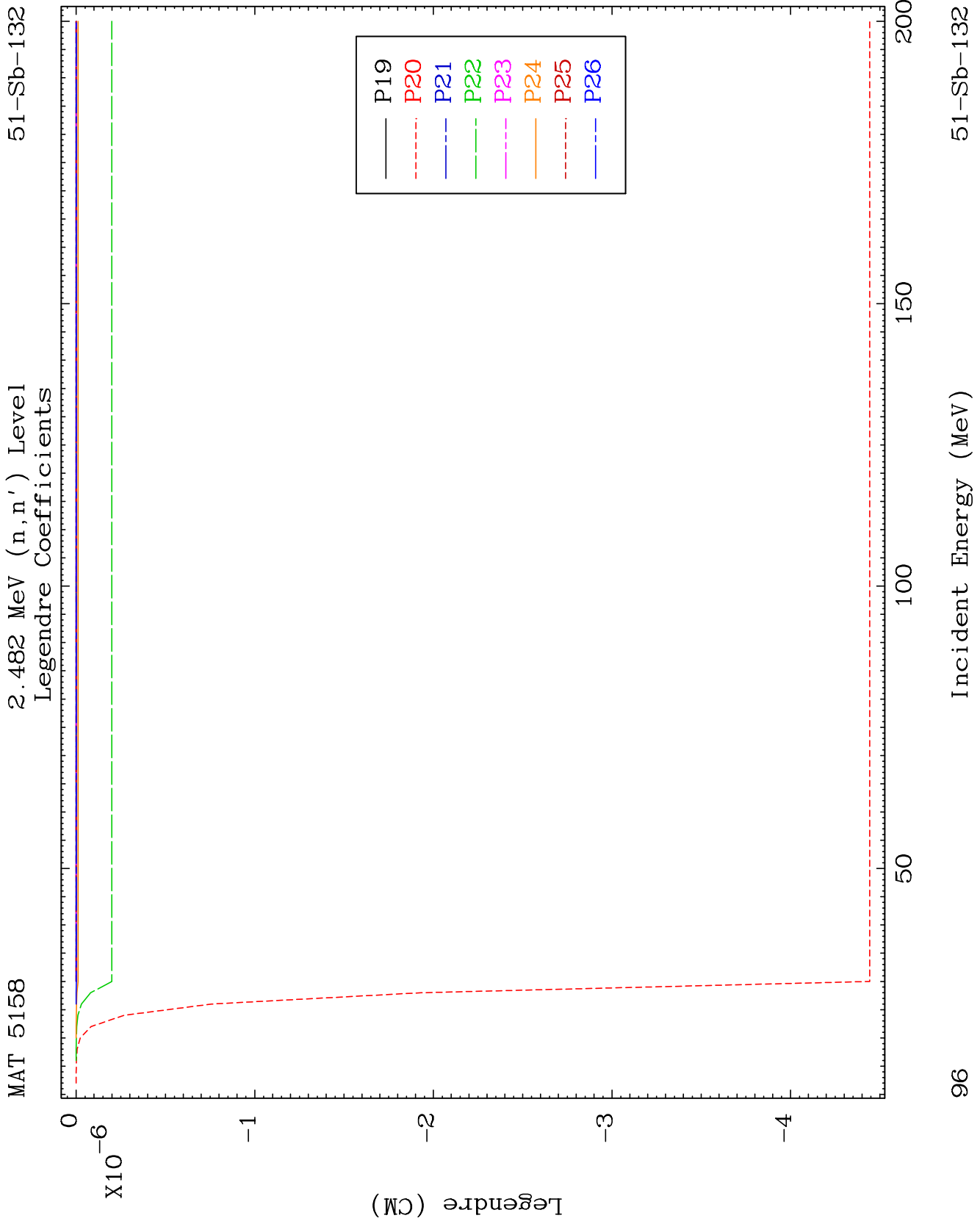


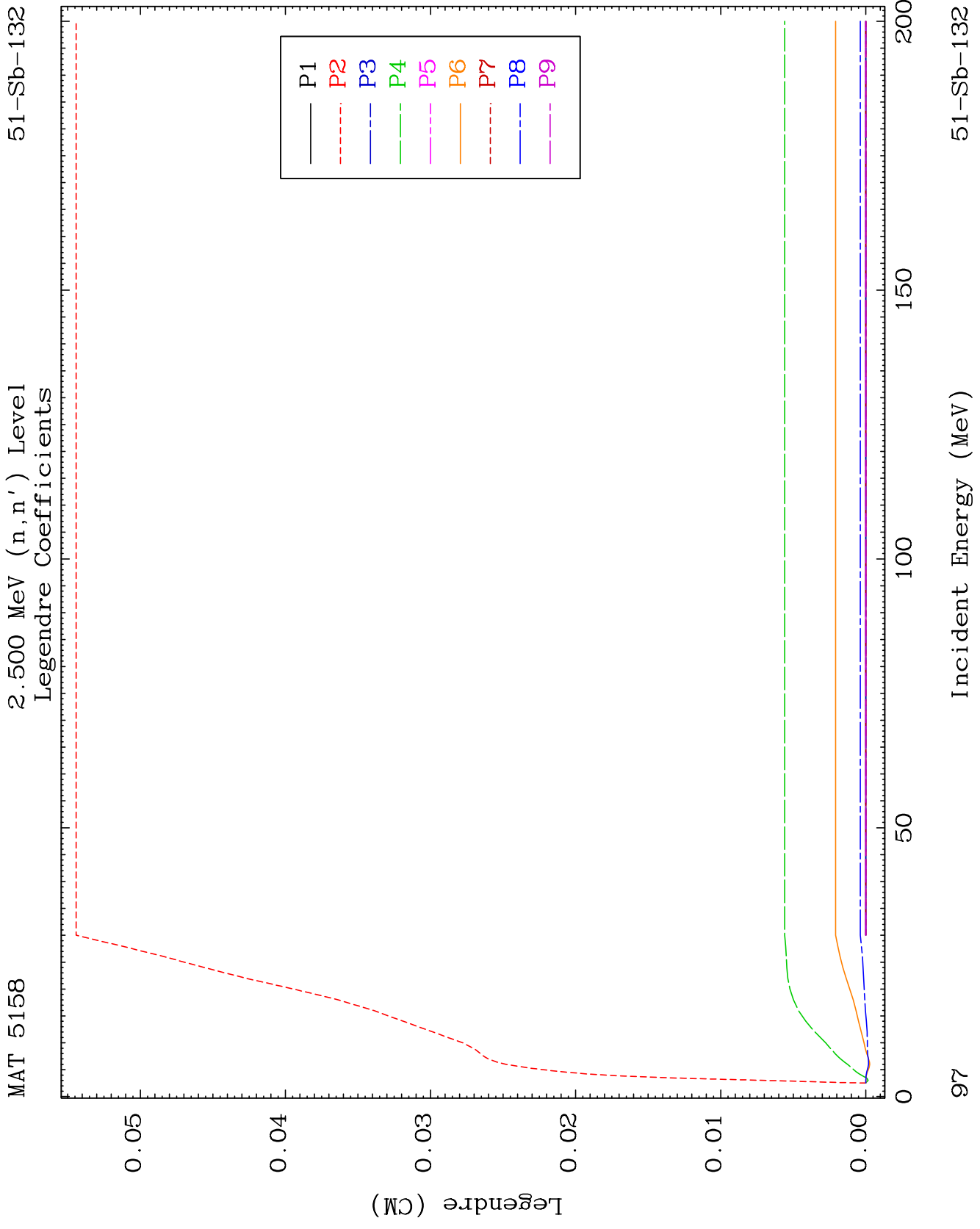


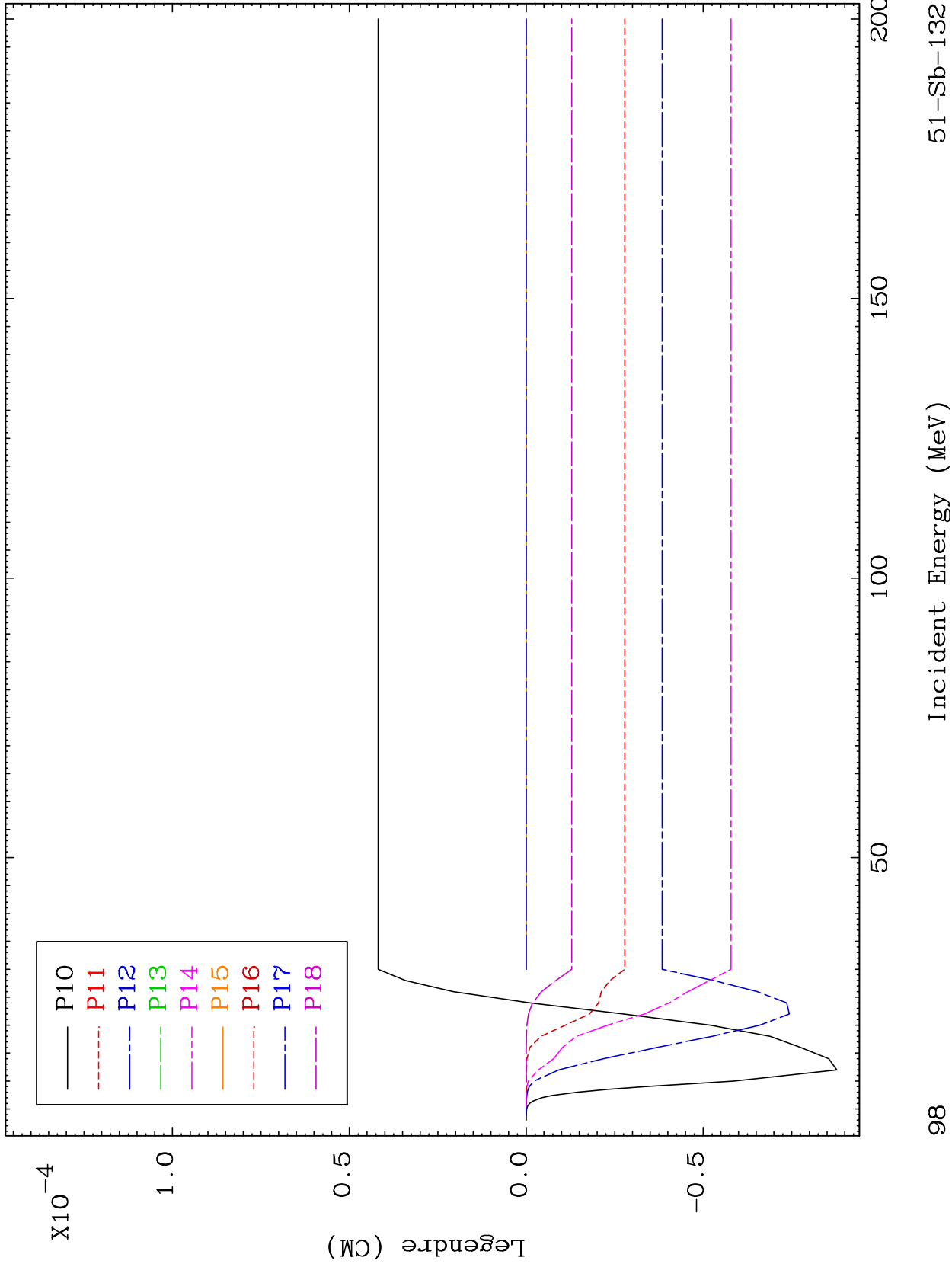


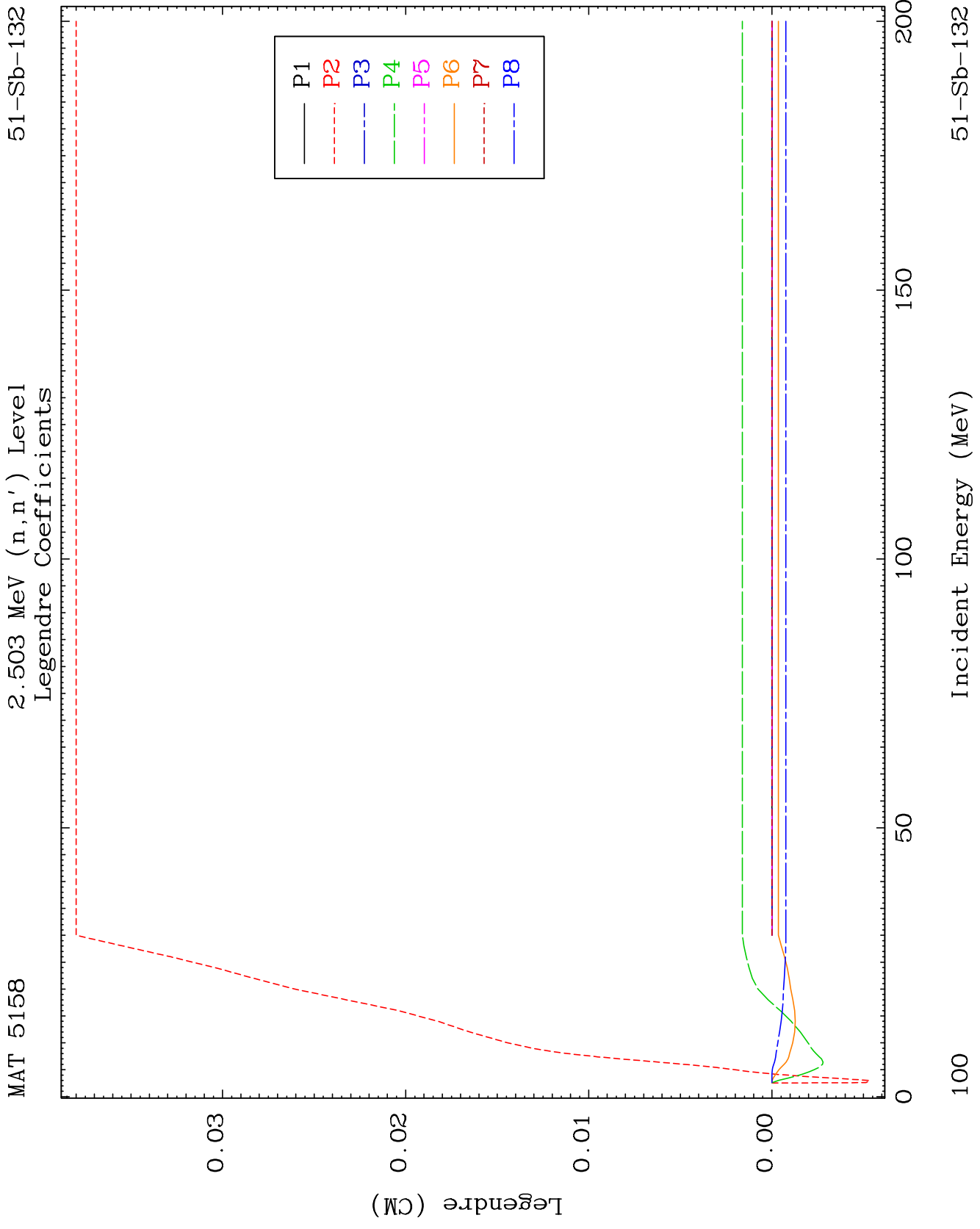


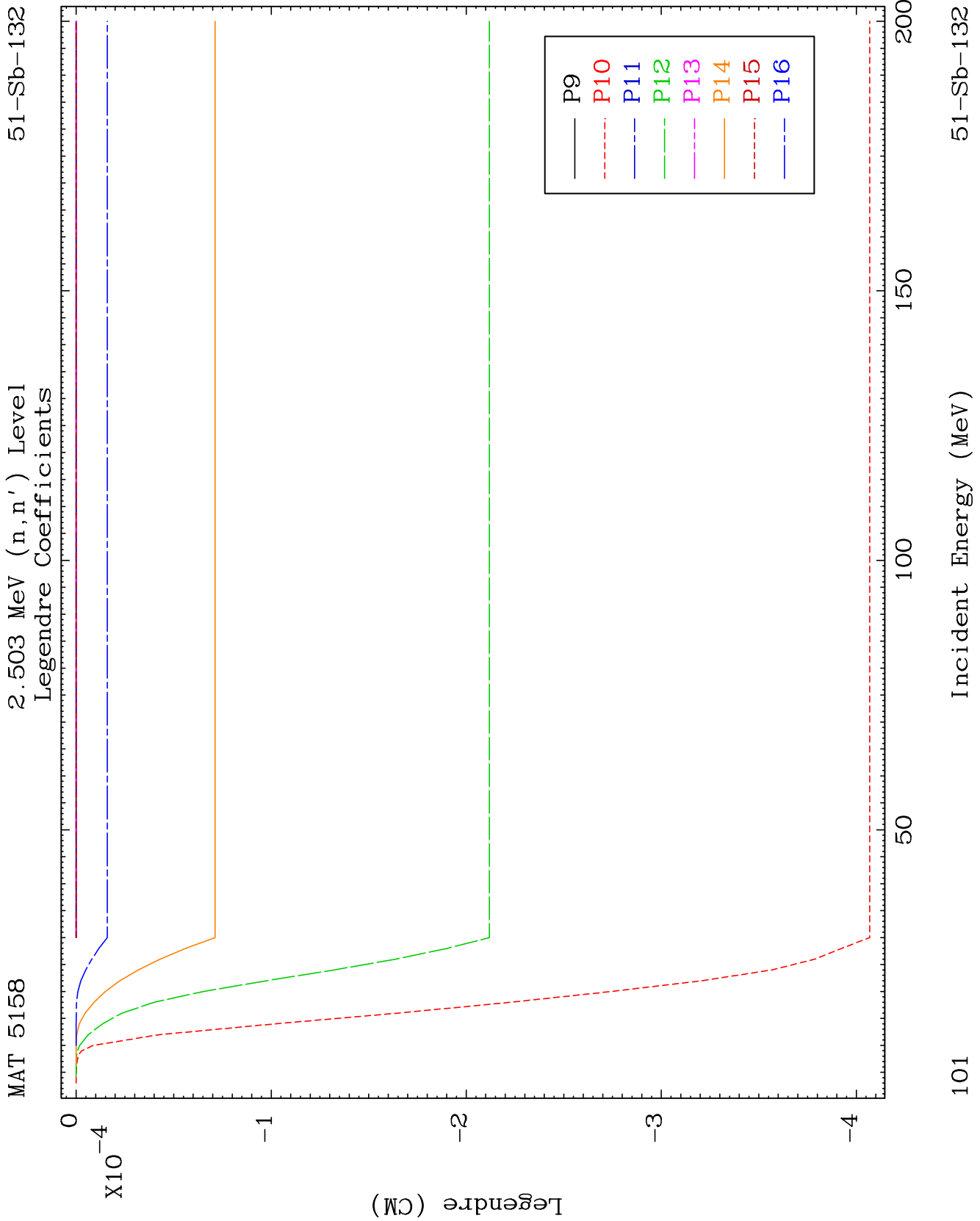








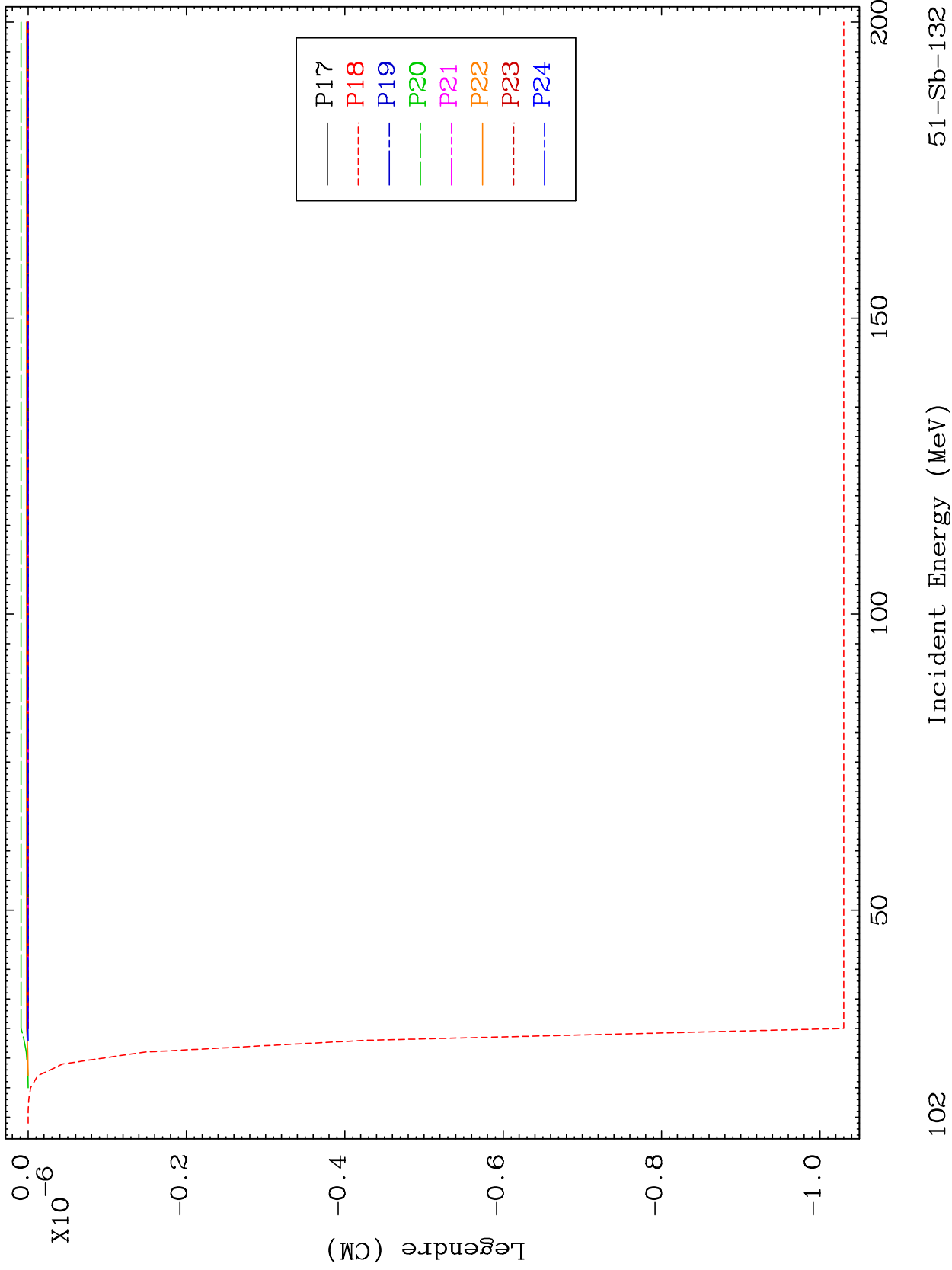




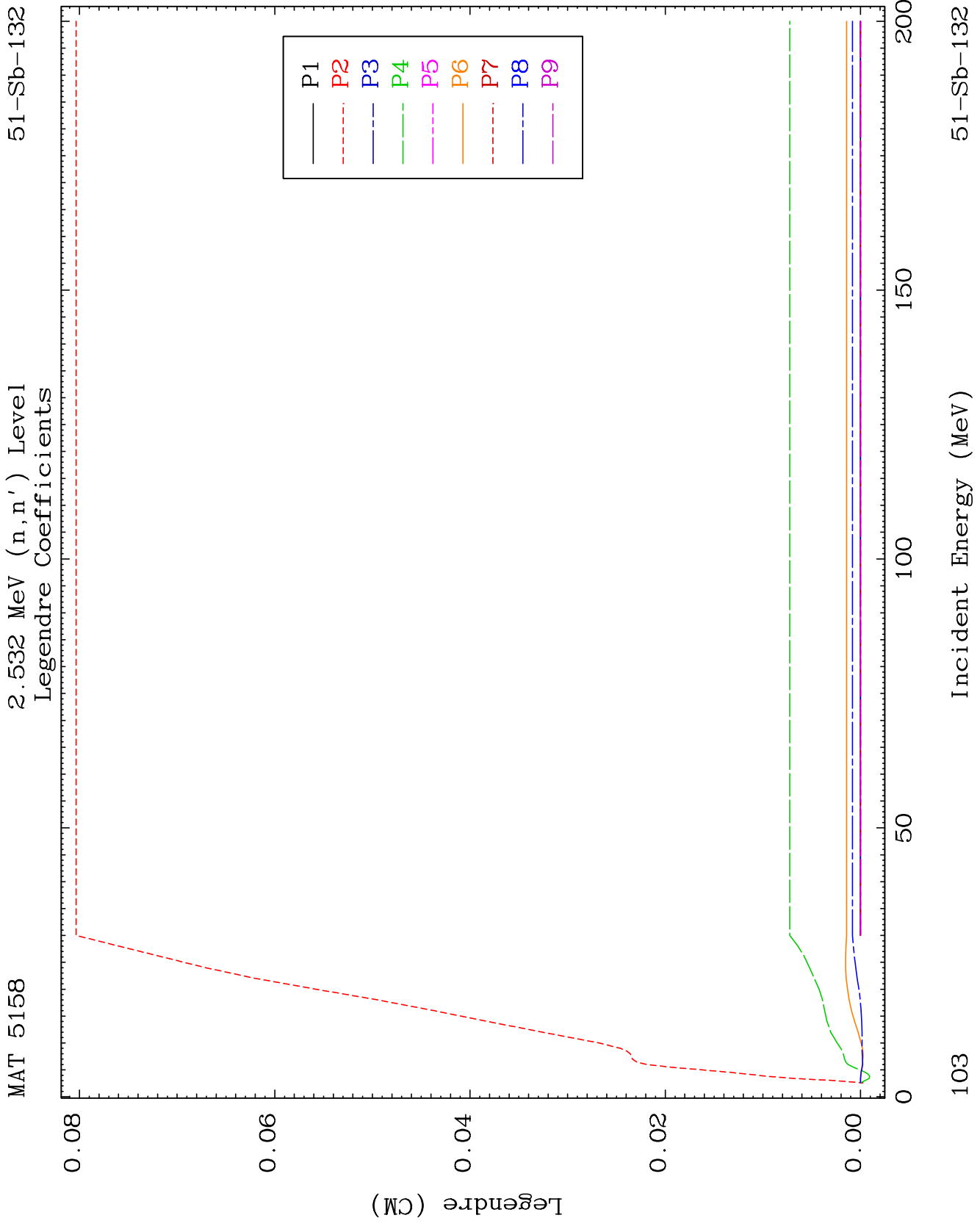
MAT 5158

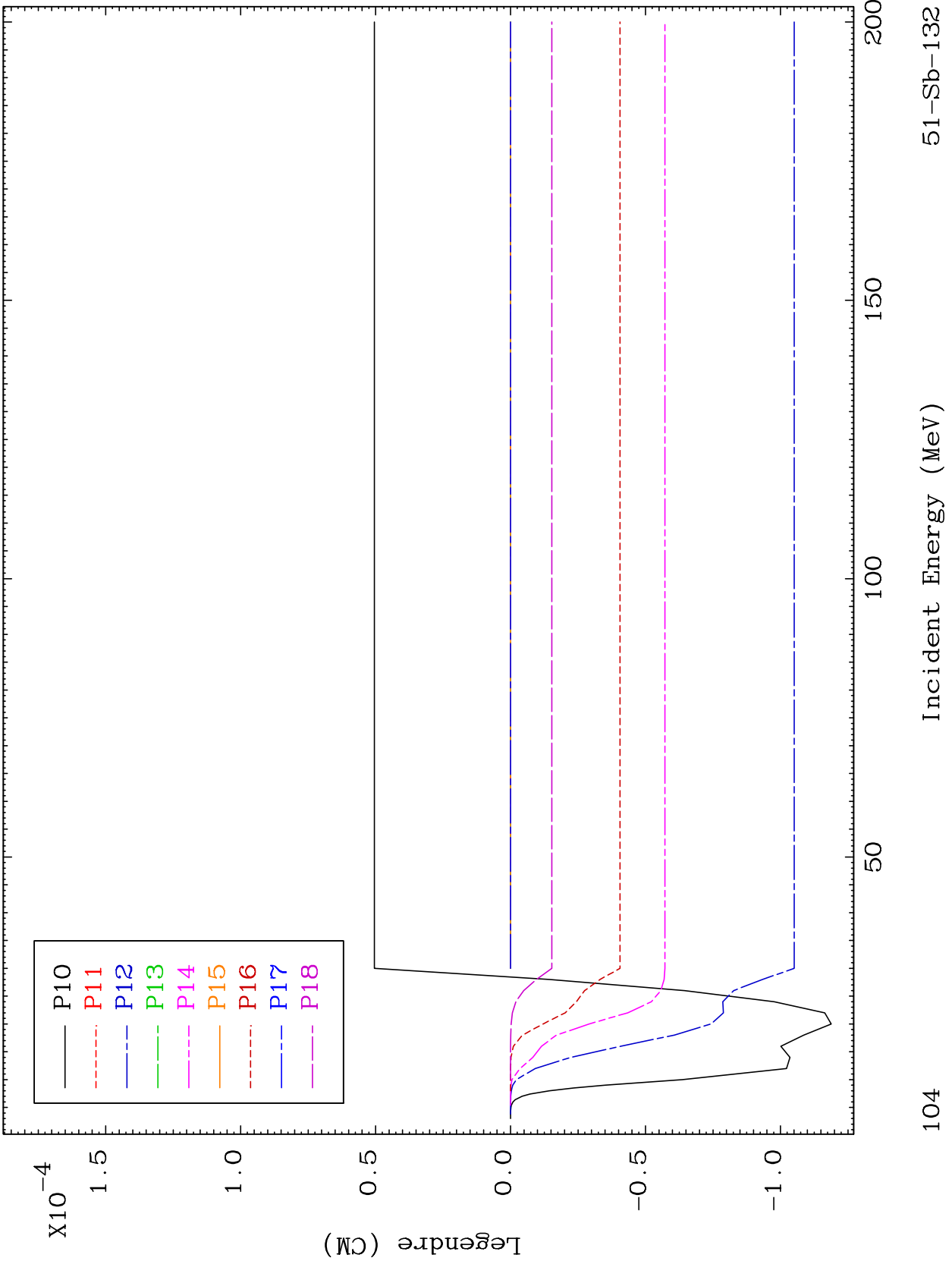
2.503 MeV (n,n') Level
Legendre Coefficients

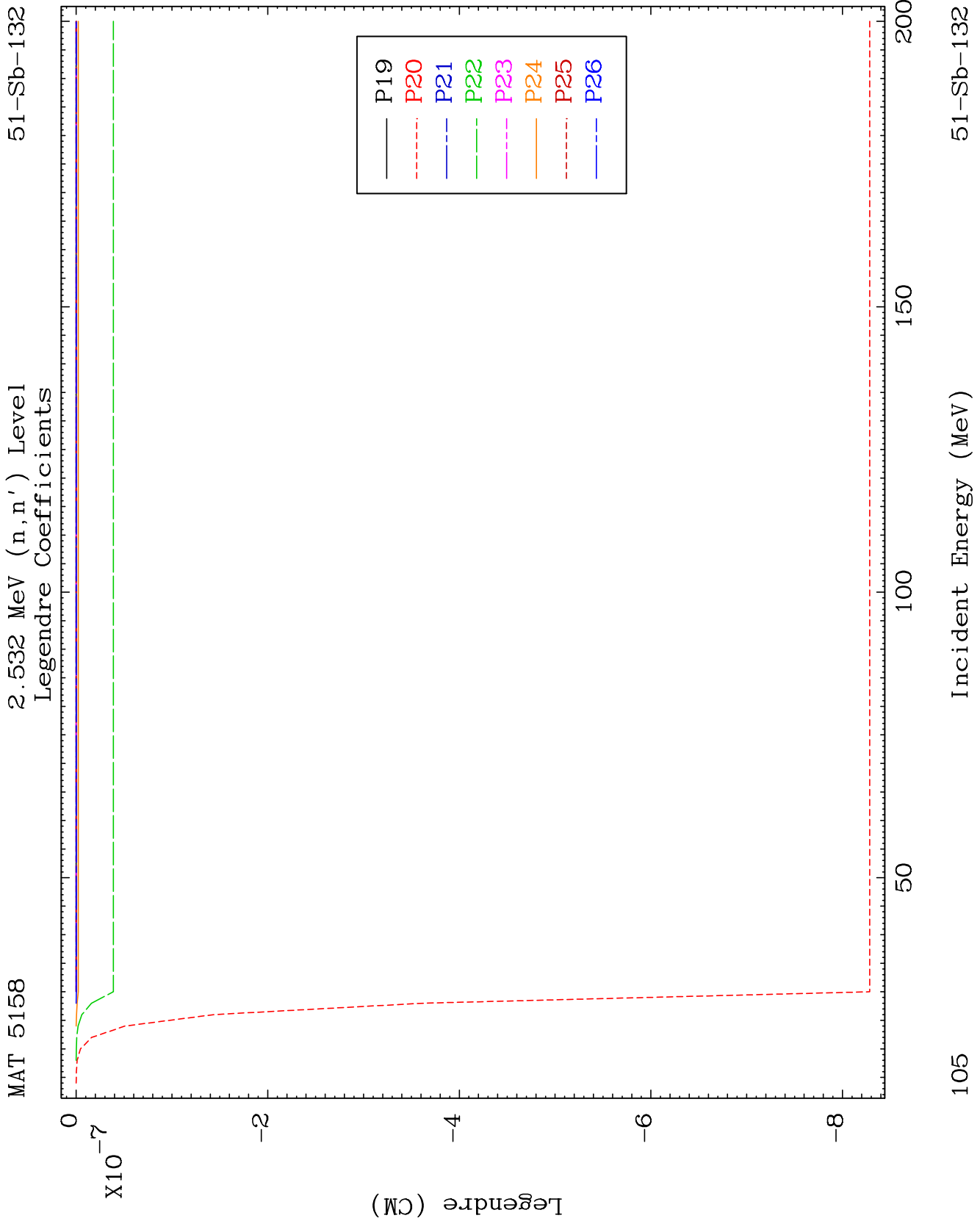
51-Sb-132



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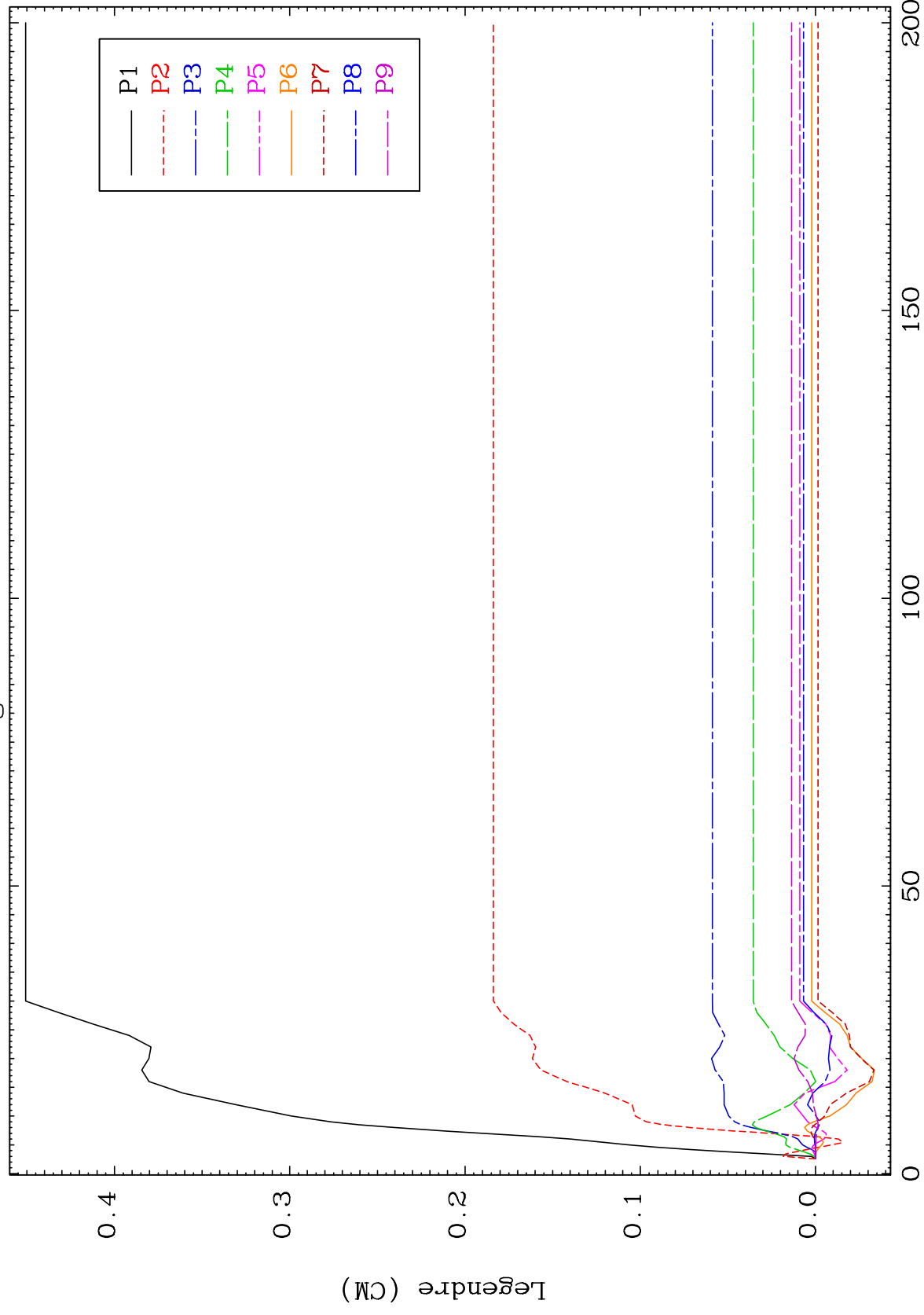




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2.550 MeV (n,n') Level
Legendre Coefficients

51-Sb-132



Incident Energy (MeV)

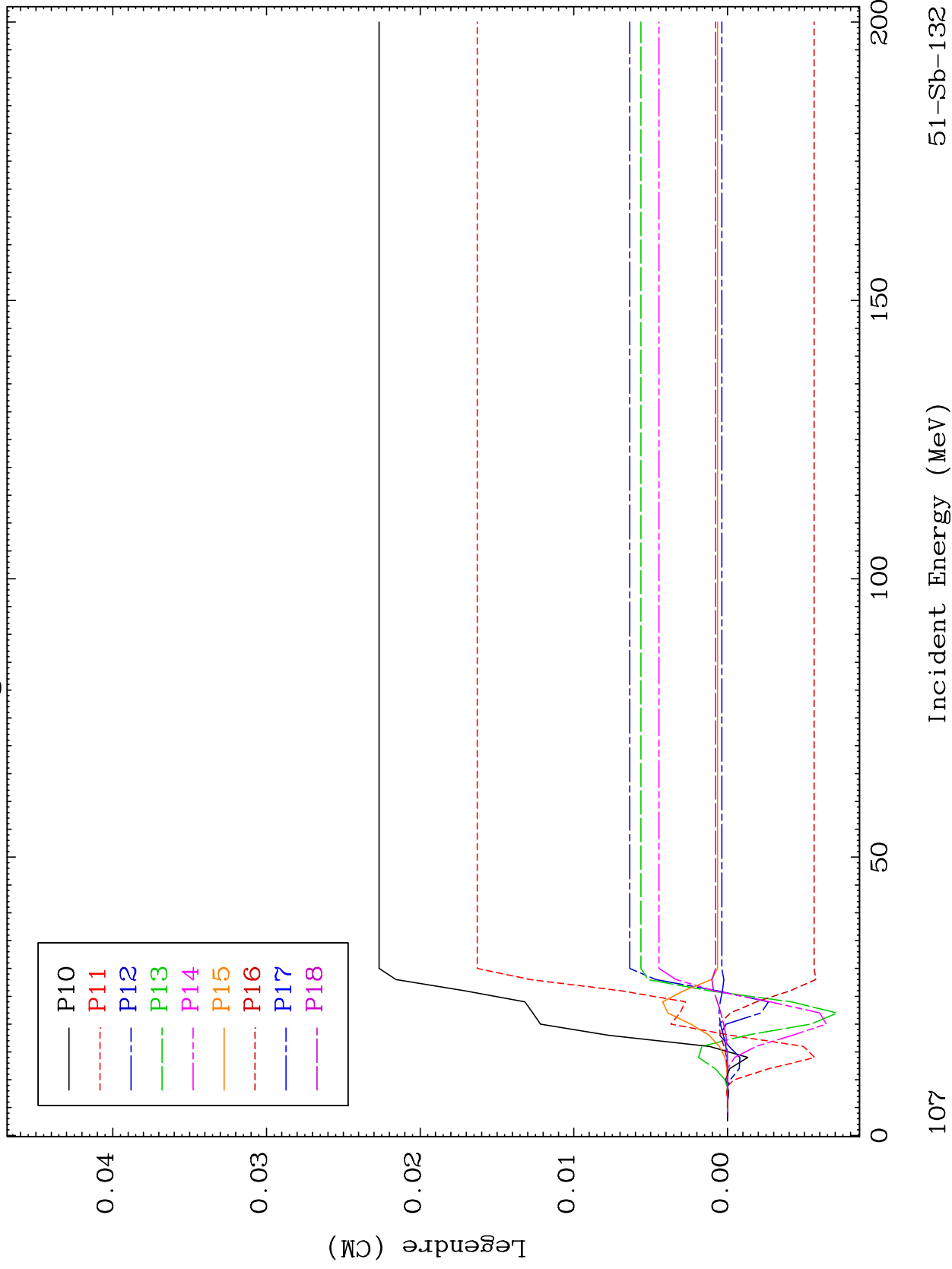
51-Sb-132

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2.550 MeV (n,n') Level
Legendre Coefficients

51-Sb-132



107

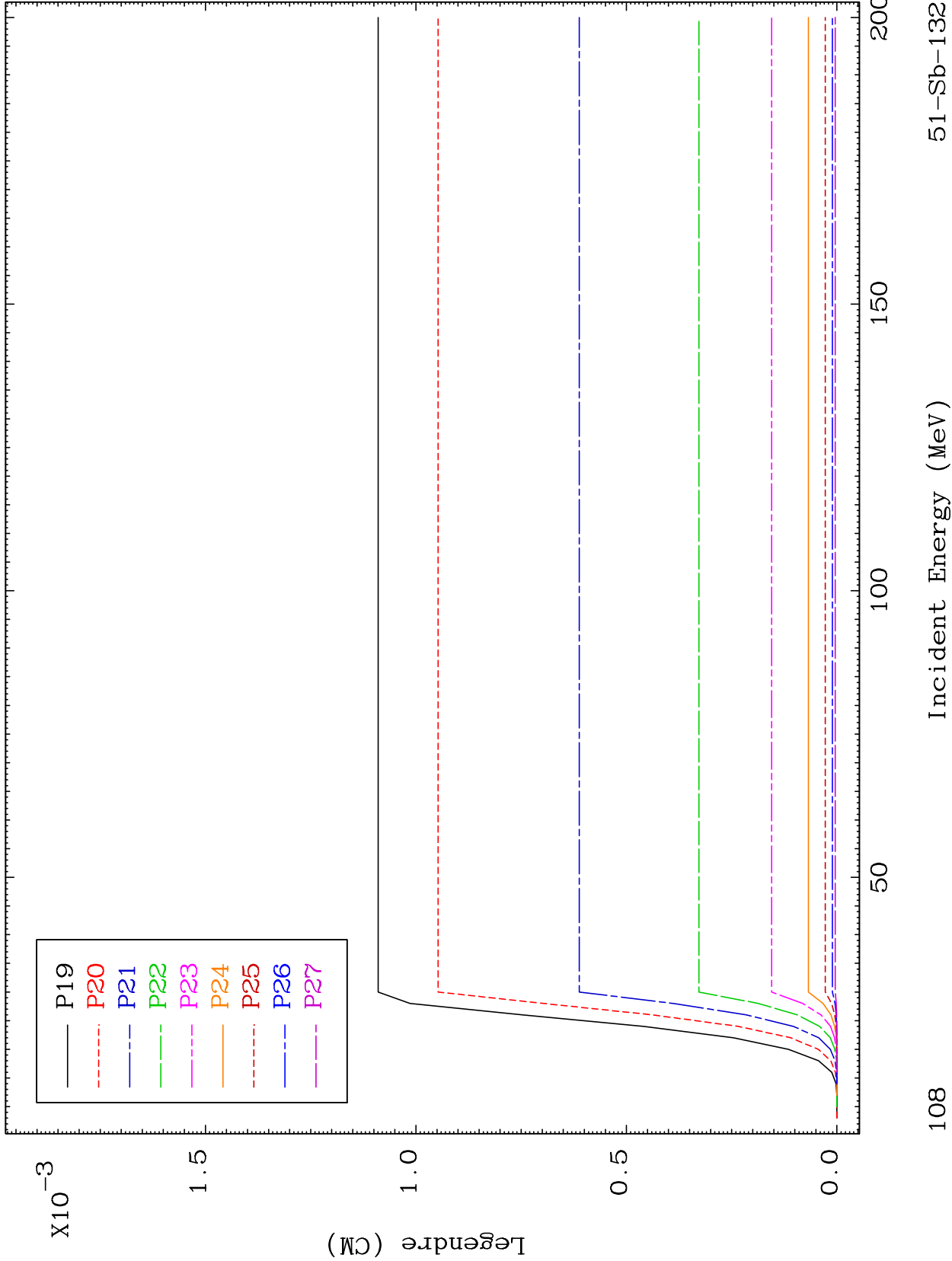
Incident Energy (MeV)

51-Sb-132

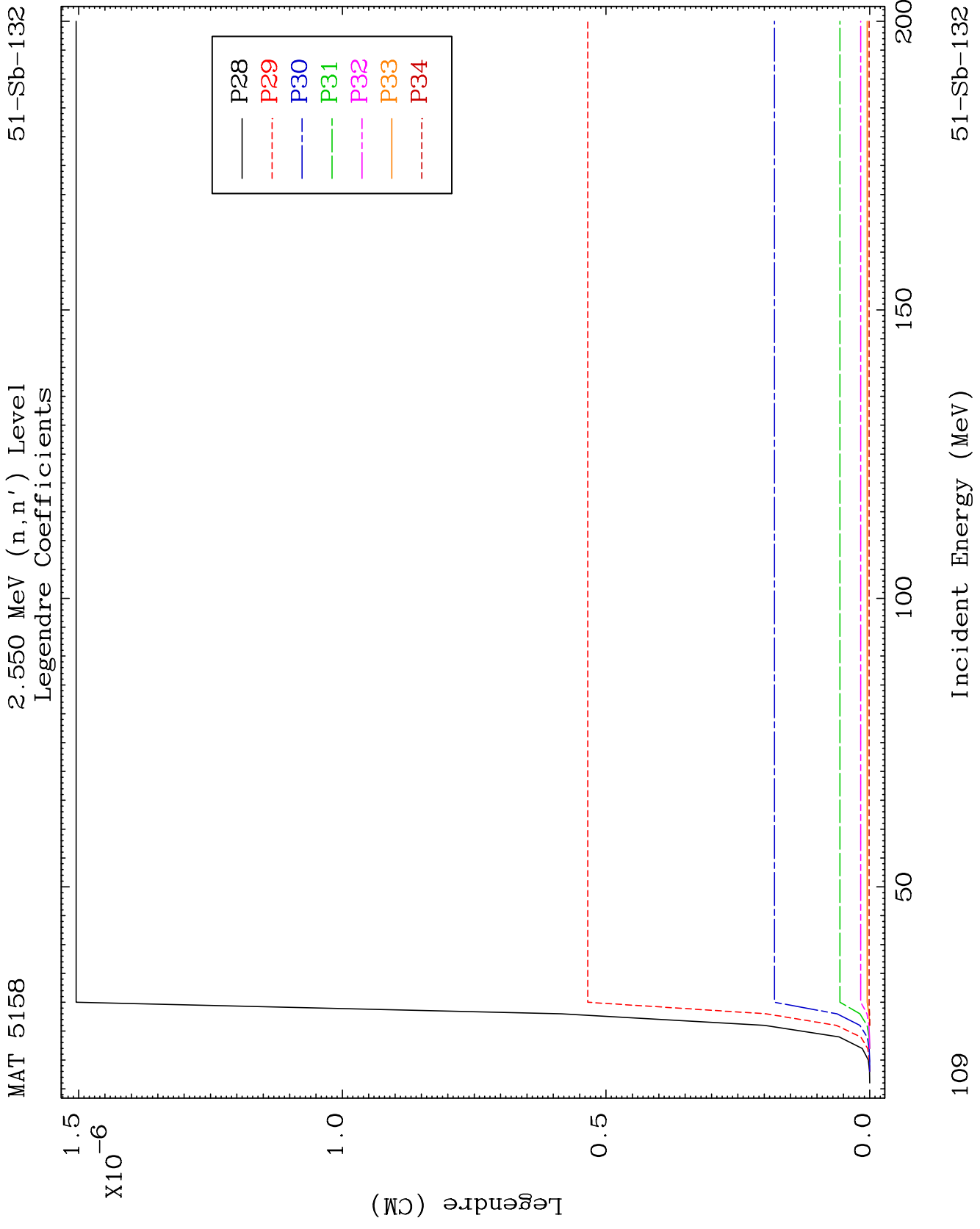
MAT 5158

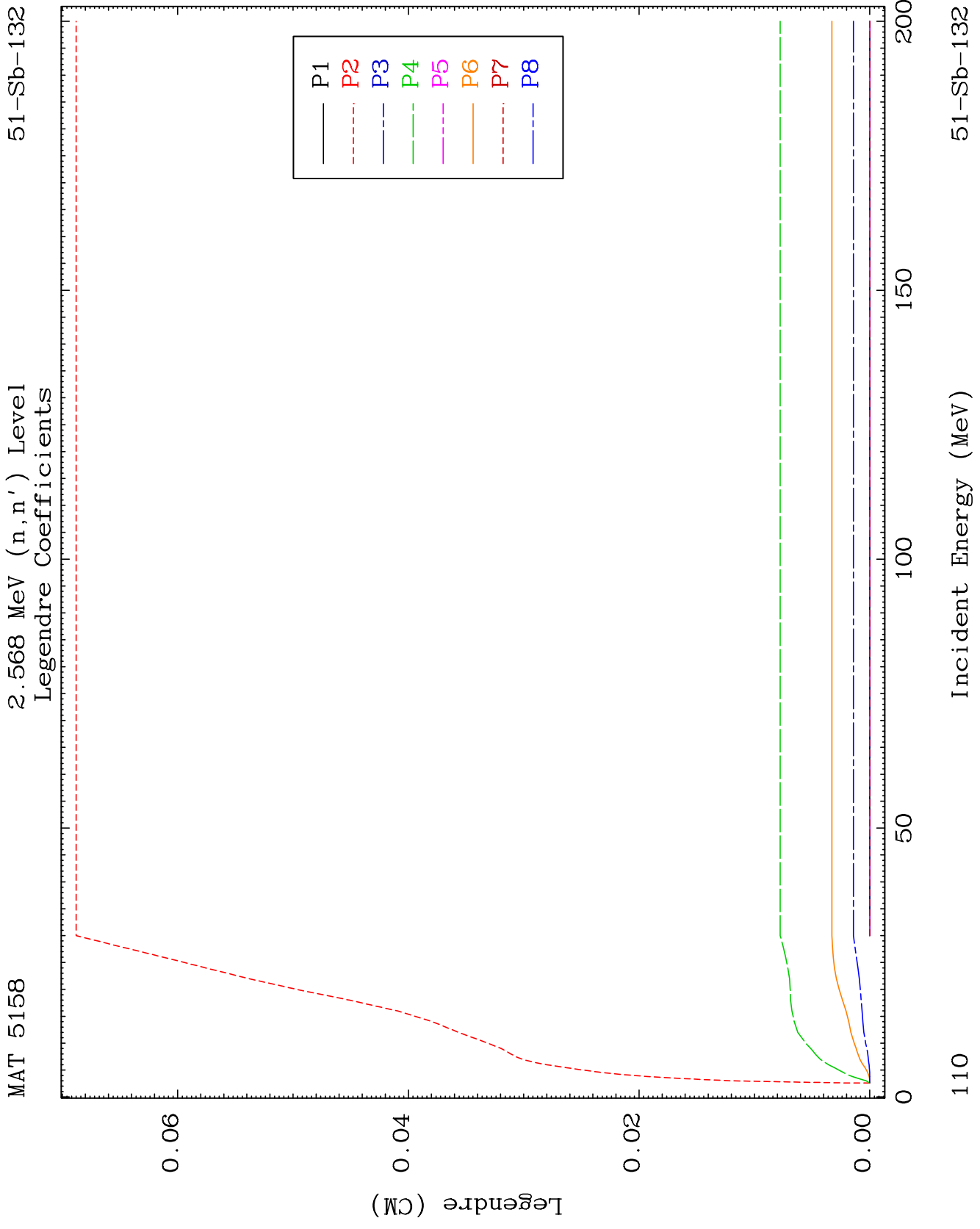
2.550 MeV (n,n') Level
Legendre Coefficients

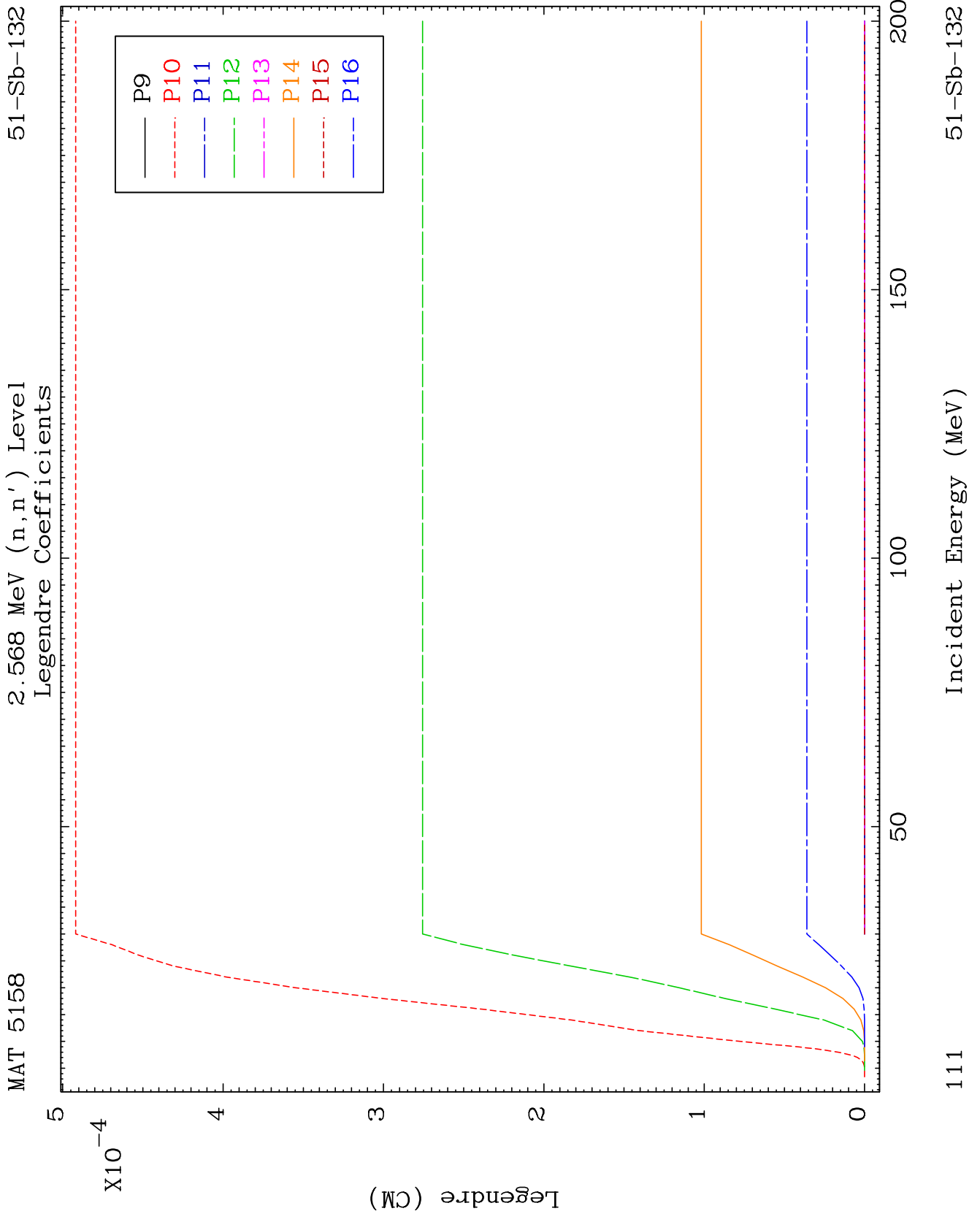
51-Sb-132

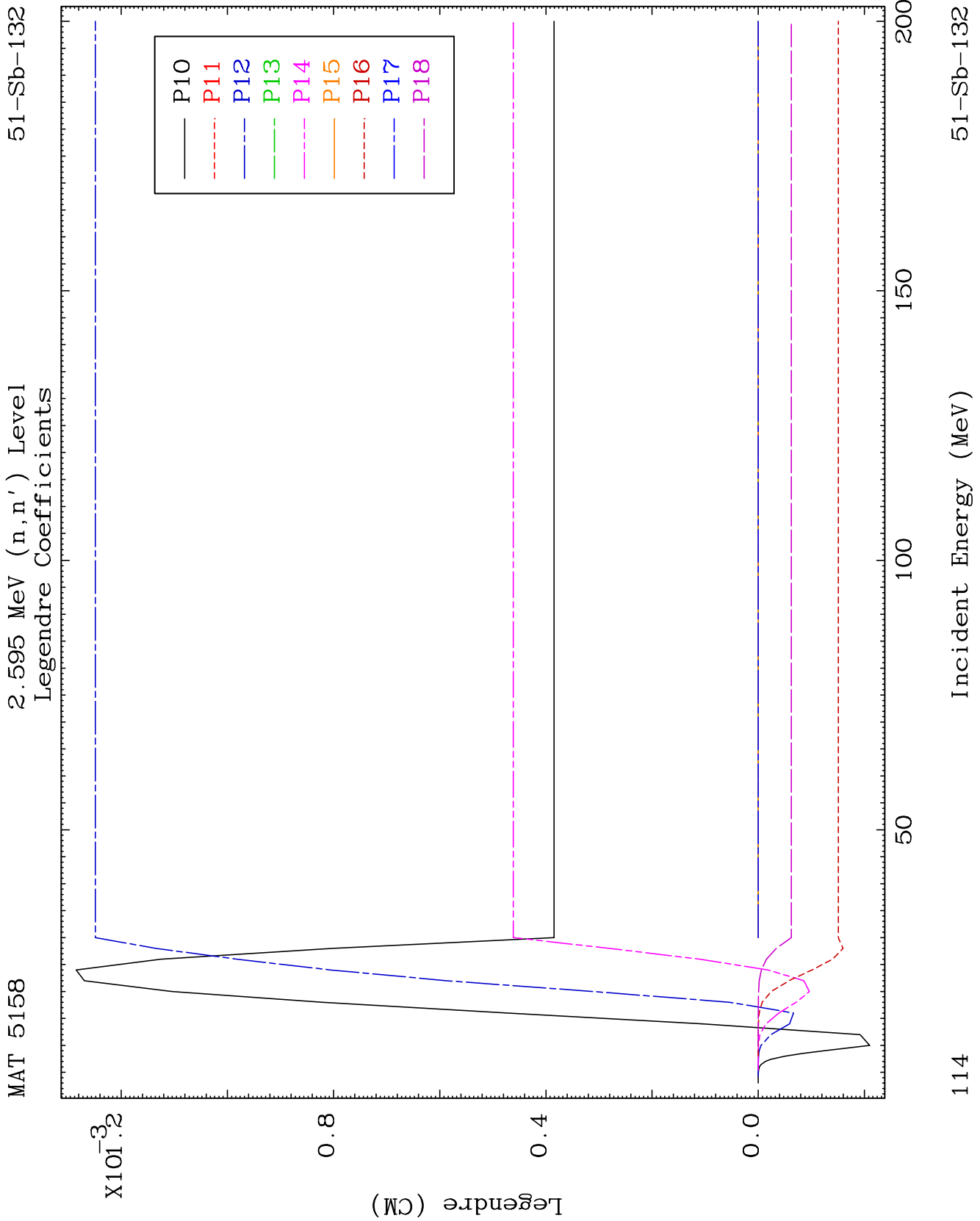


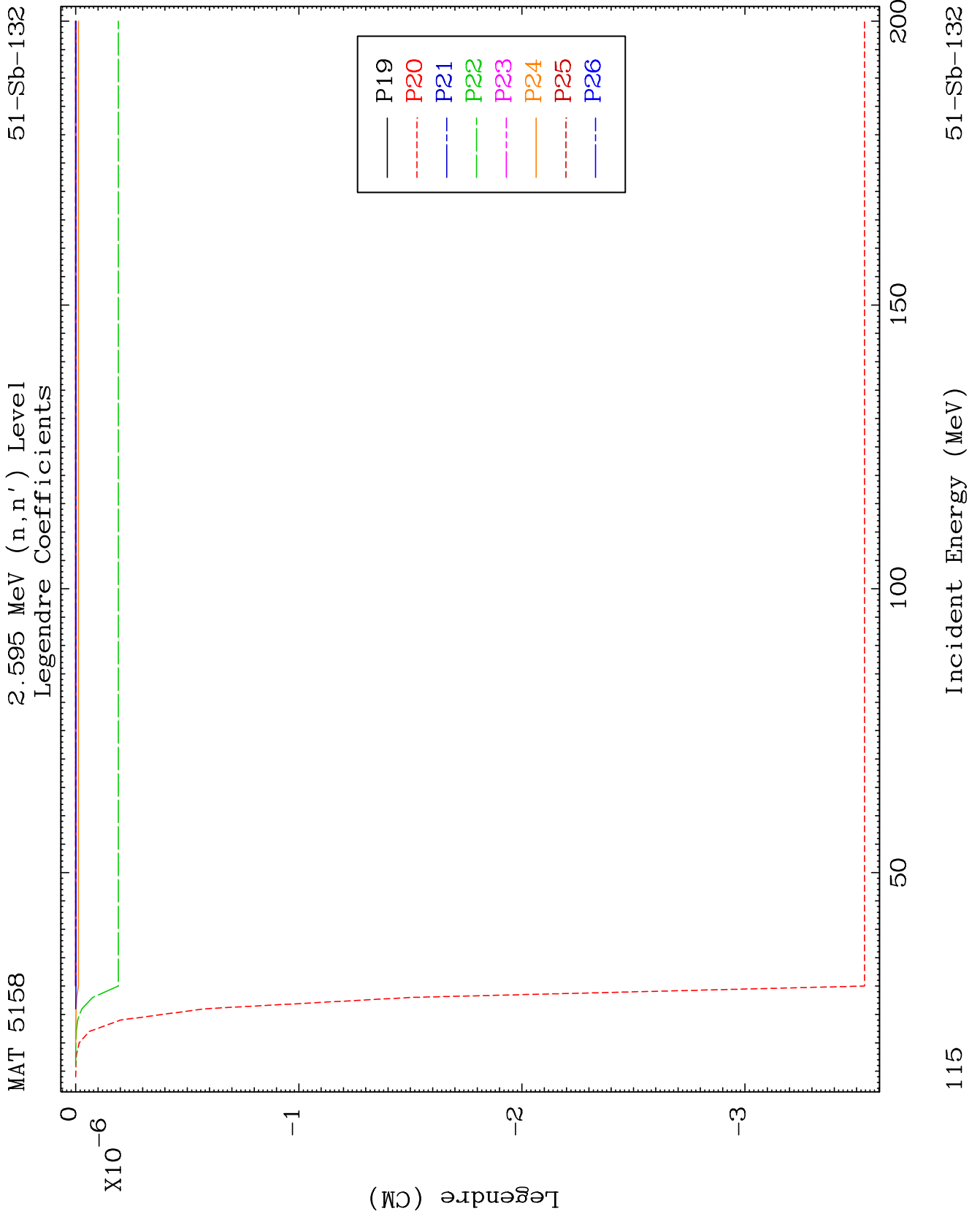
108







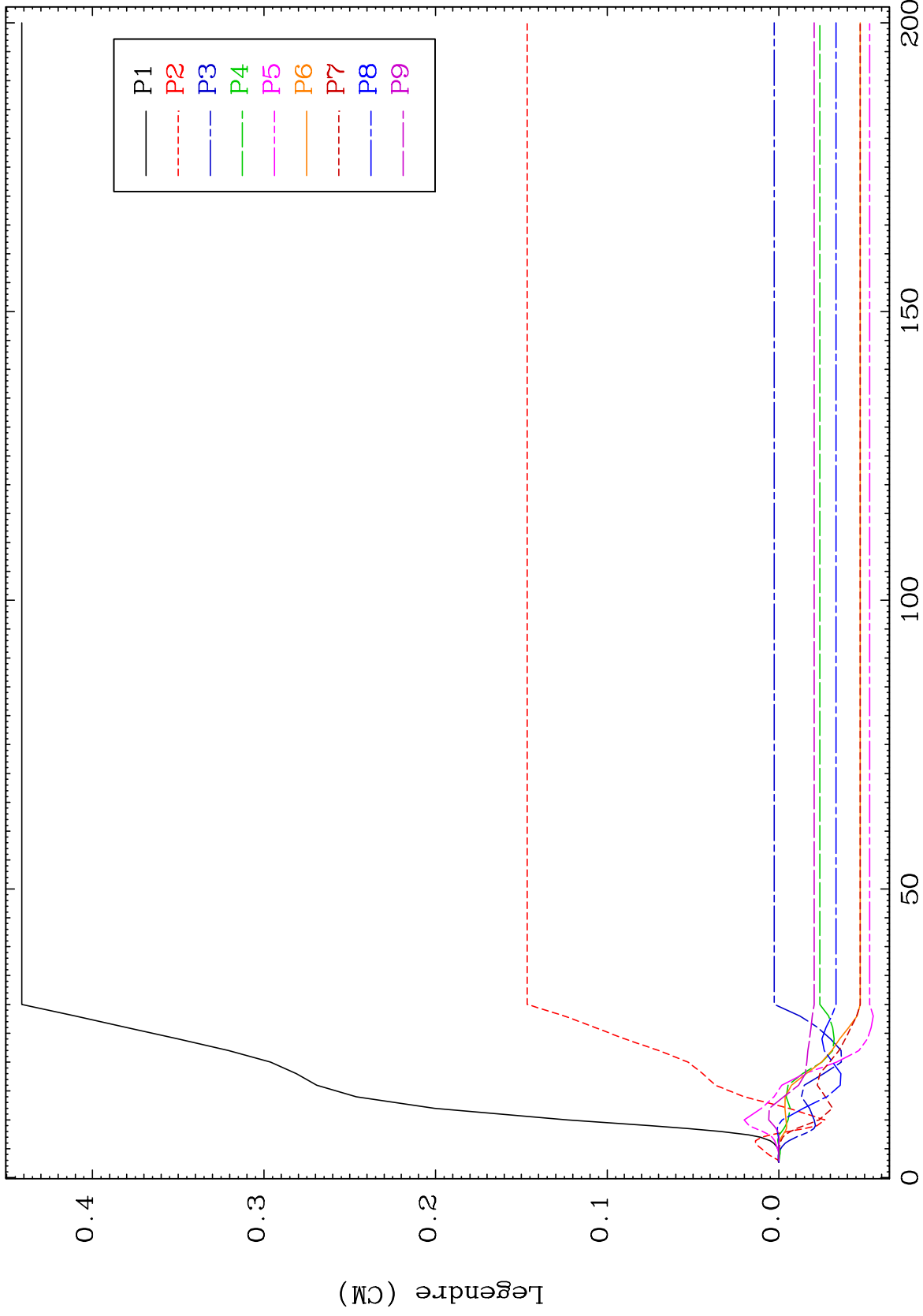




MAT 5158

2.599 MeV (n,n') Level
Legendre Coefficients

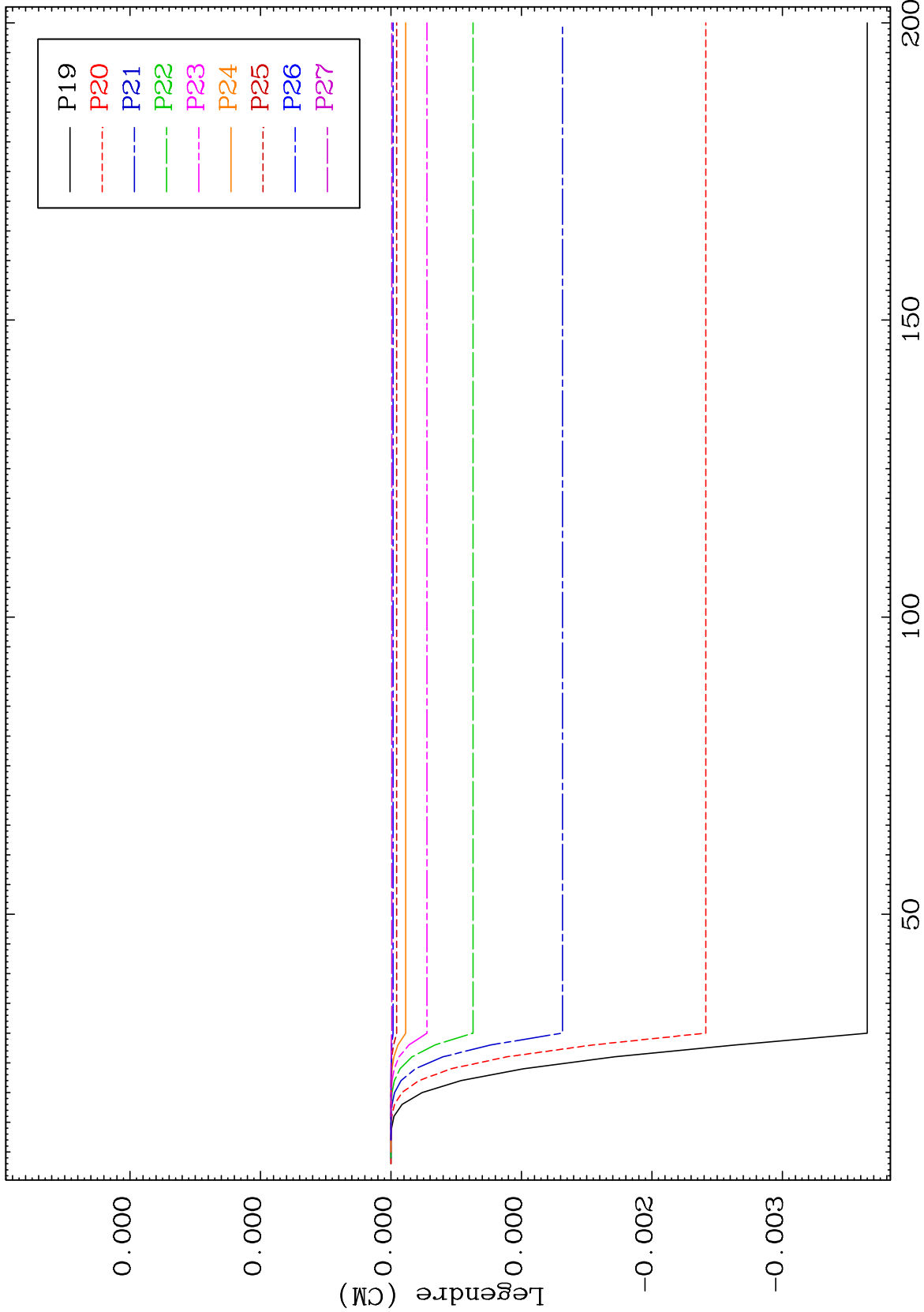
51-Sb-132

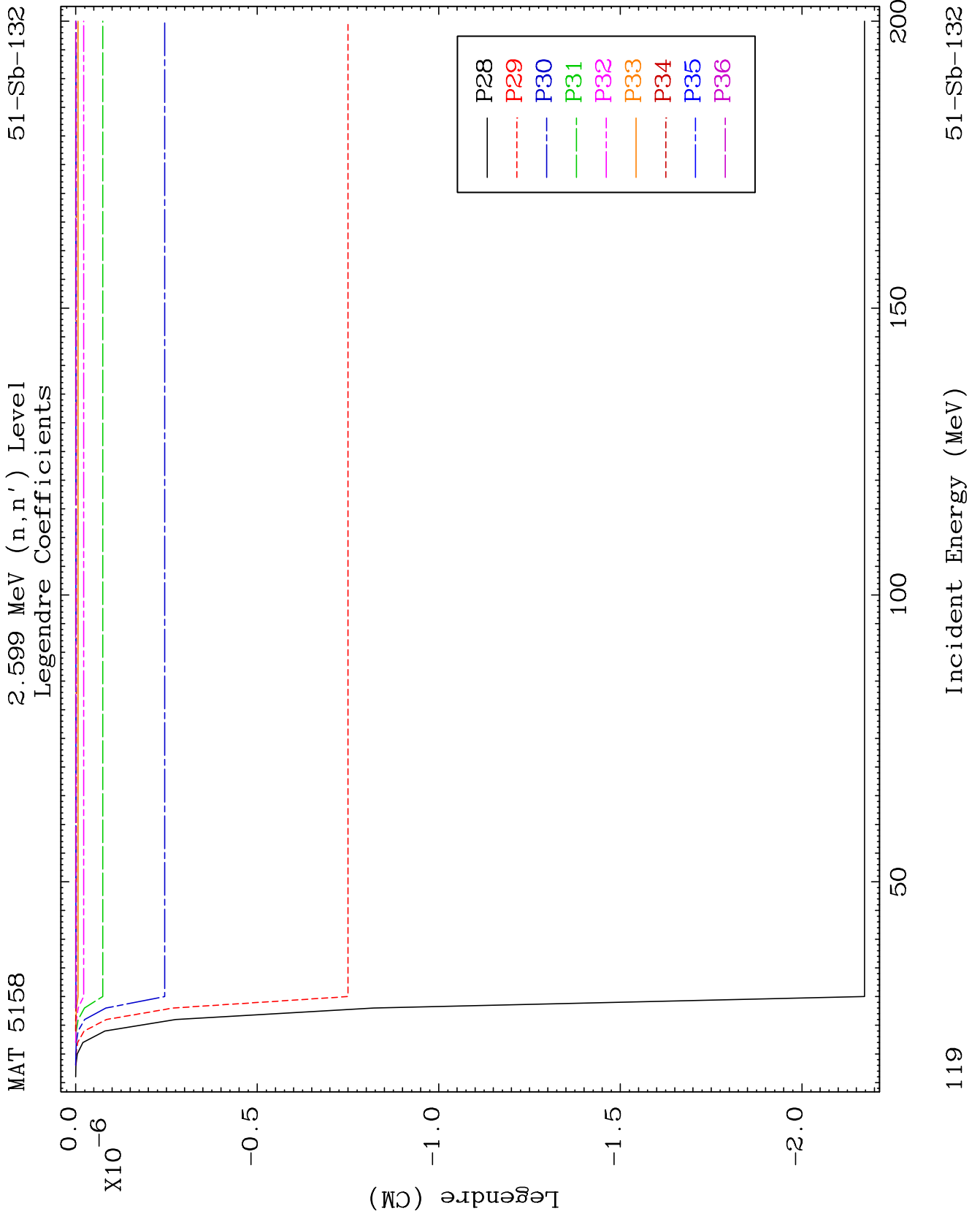


116

Incident Energy (MeV)

51-Sb-132

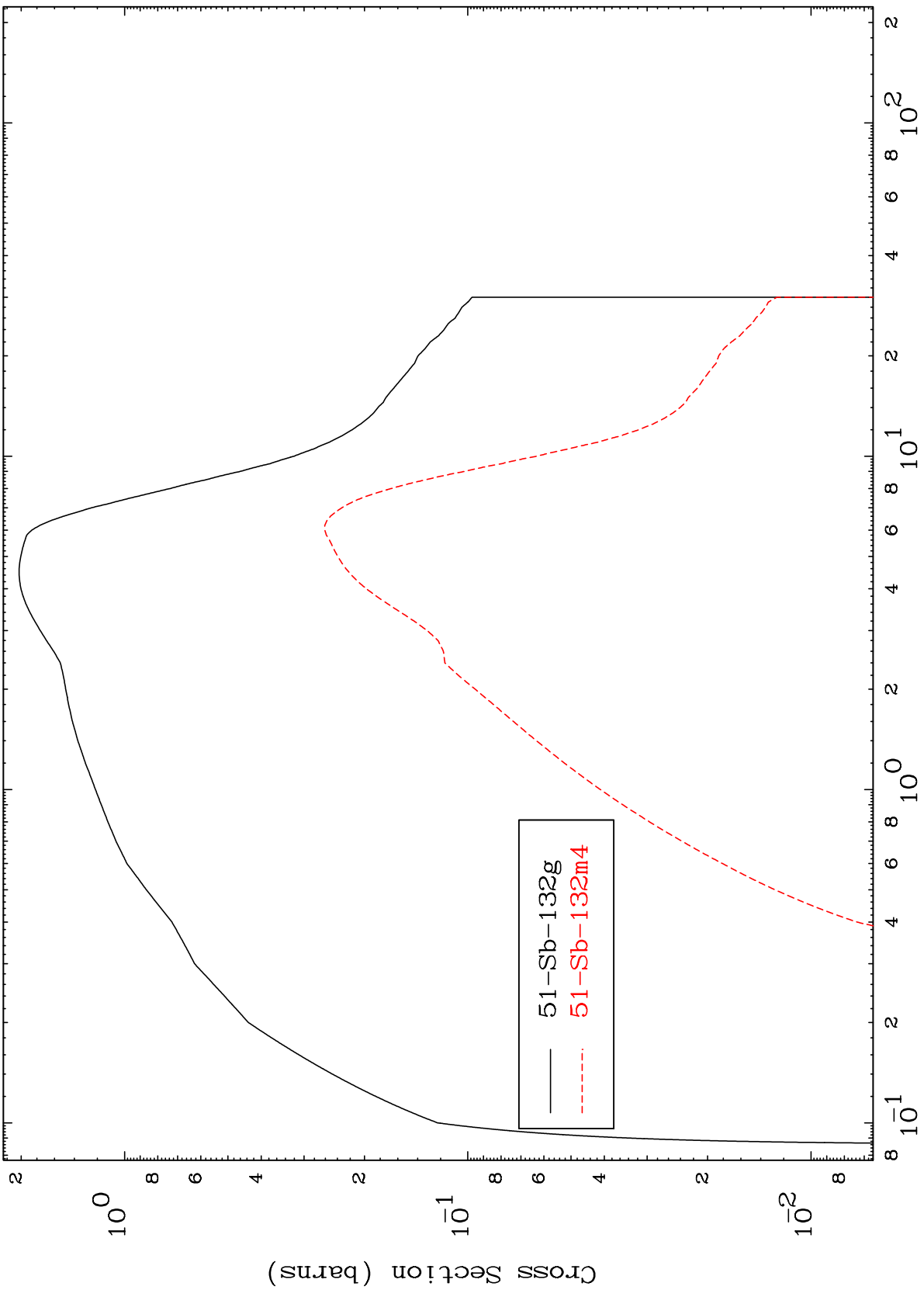




MAT 5158

51-Sb-132

Inelastic
Radionuclide Production Cross Section



— 51-Sb-132g
- - - 51-Sb-132m4

51-Sb-132

Incident Energy (MeV)

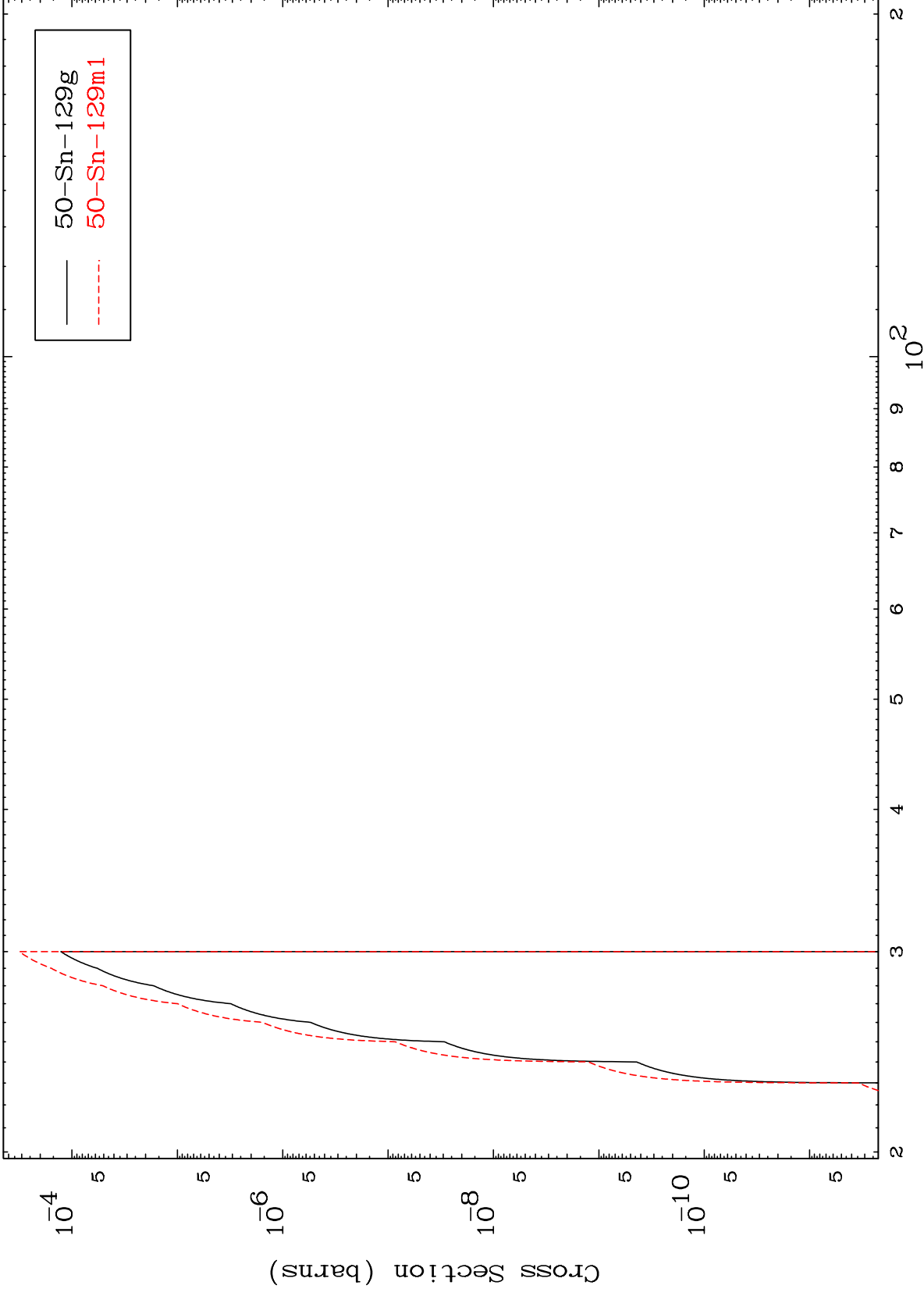
120

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(n,2n) d

51-Sb-132

Radionuclide Production Cross Section



121

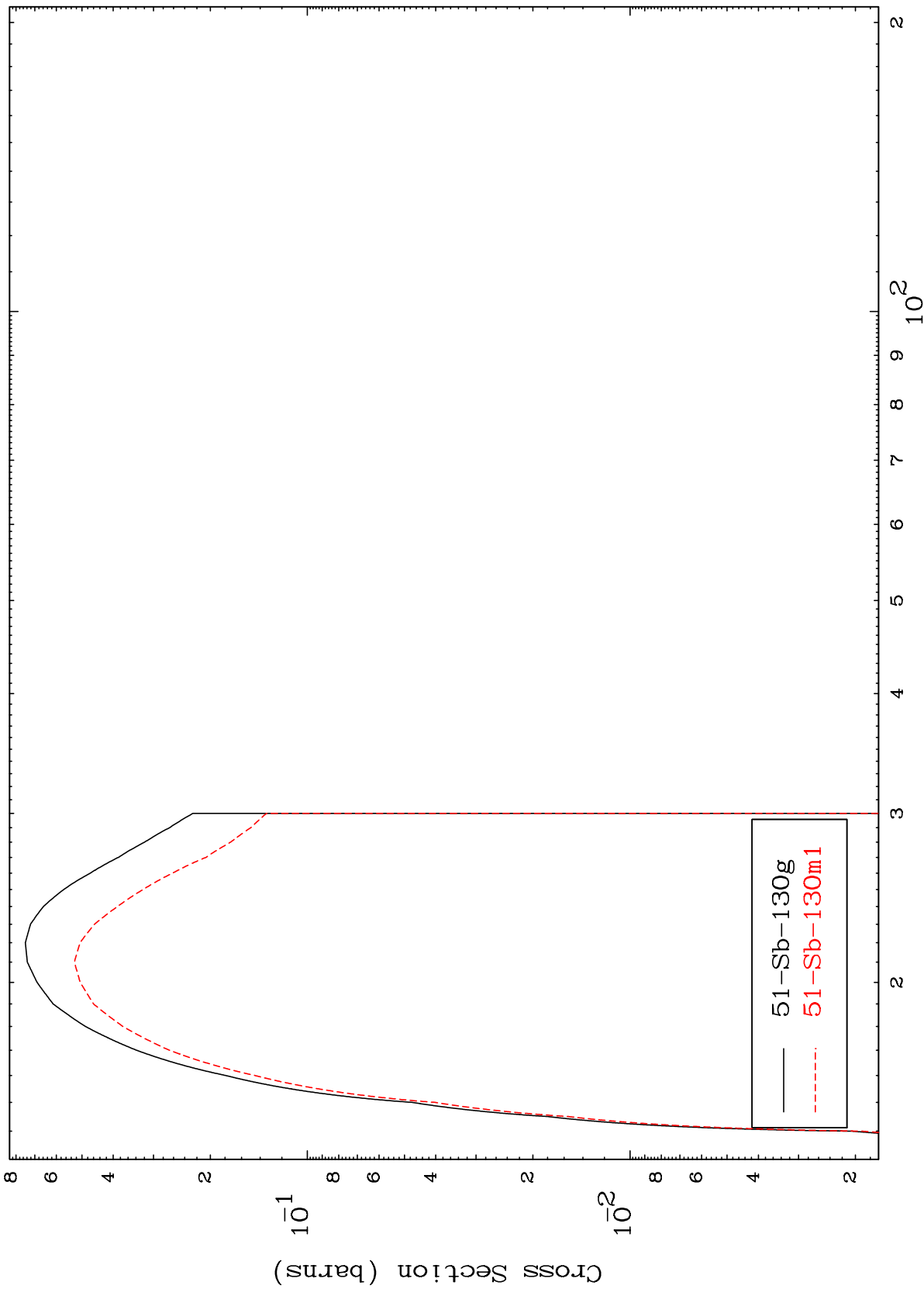
Incident Energy (MeV)

51-Sb-132

MAT 5158

51-Sb-132

(n,3n)
Radionuclide Production Cross Section



122

51-Sb-132

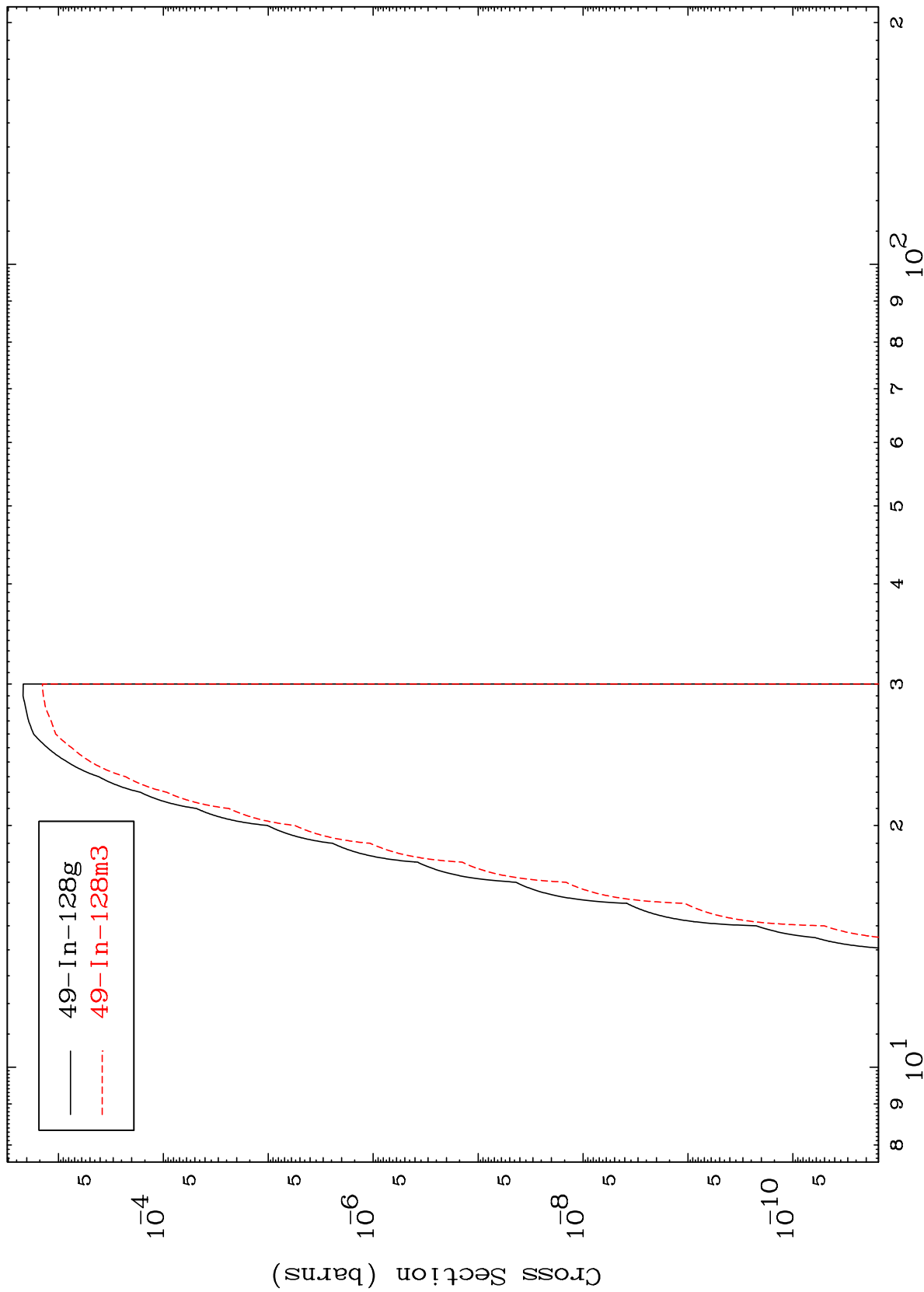
Incident Energy (MeV)

MAT 5158

(n,n') α

51-Sb-132

Radionuclide Production Cross Section



123

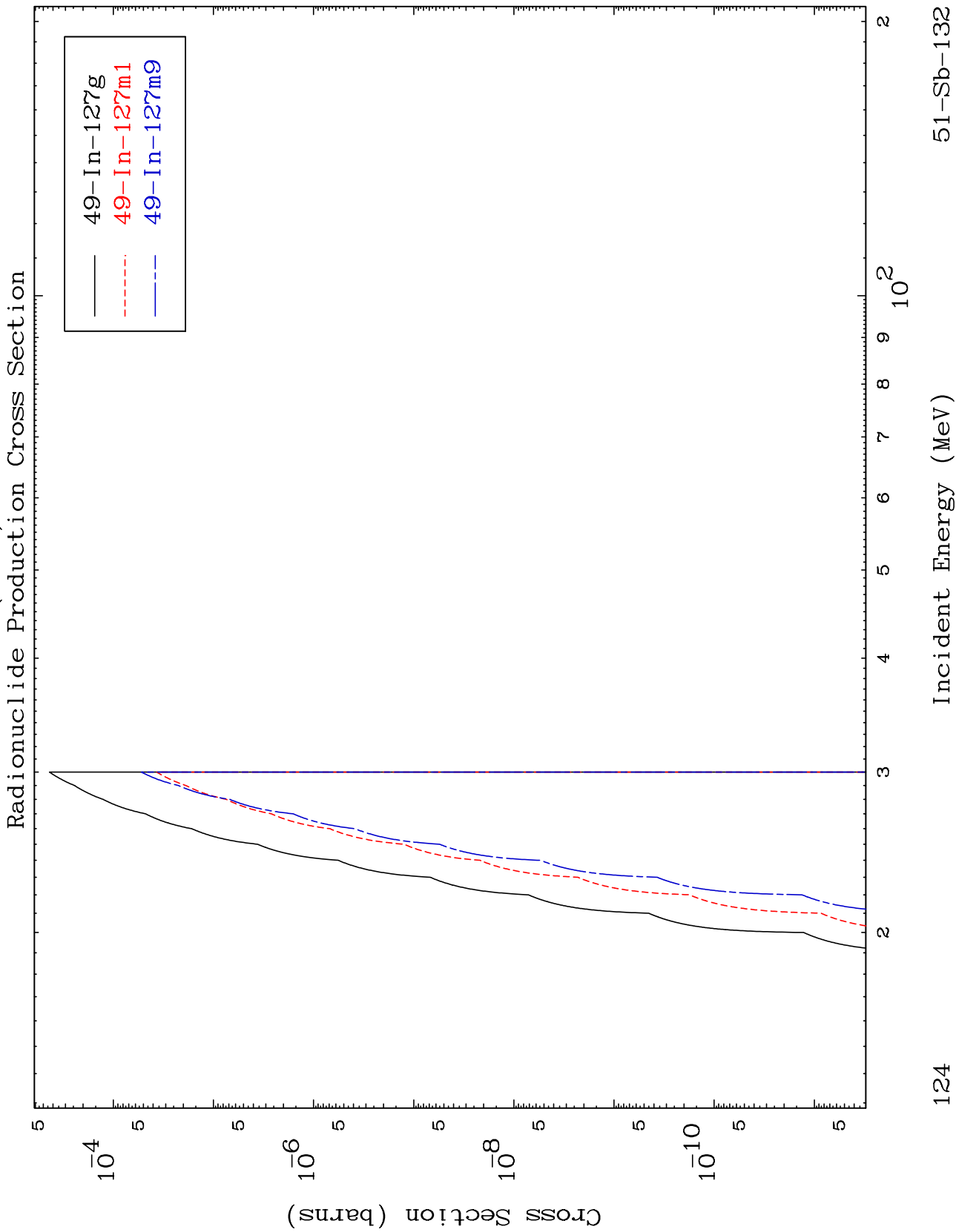
Incident Energy (MeV)

51-Sb-132

MAT 5158

$(n,2n) \alpha$

51-Sb-132



124

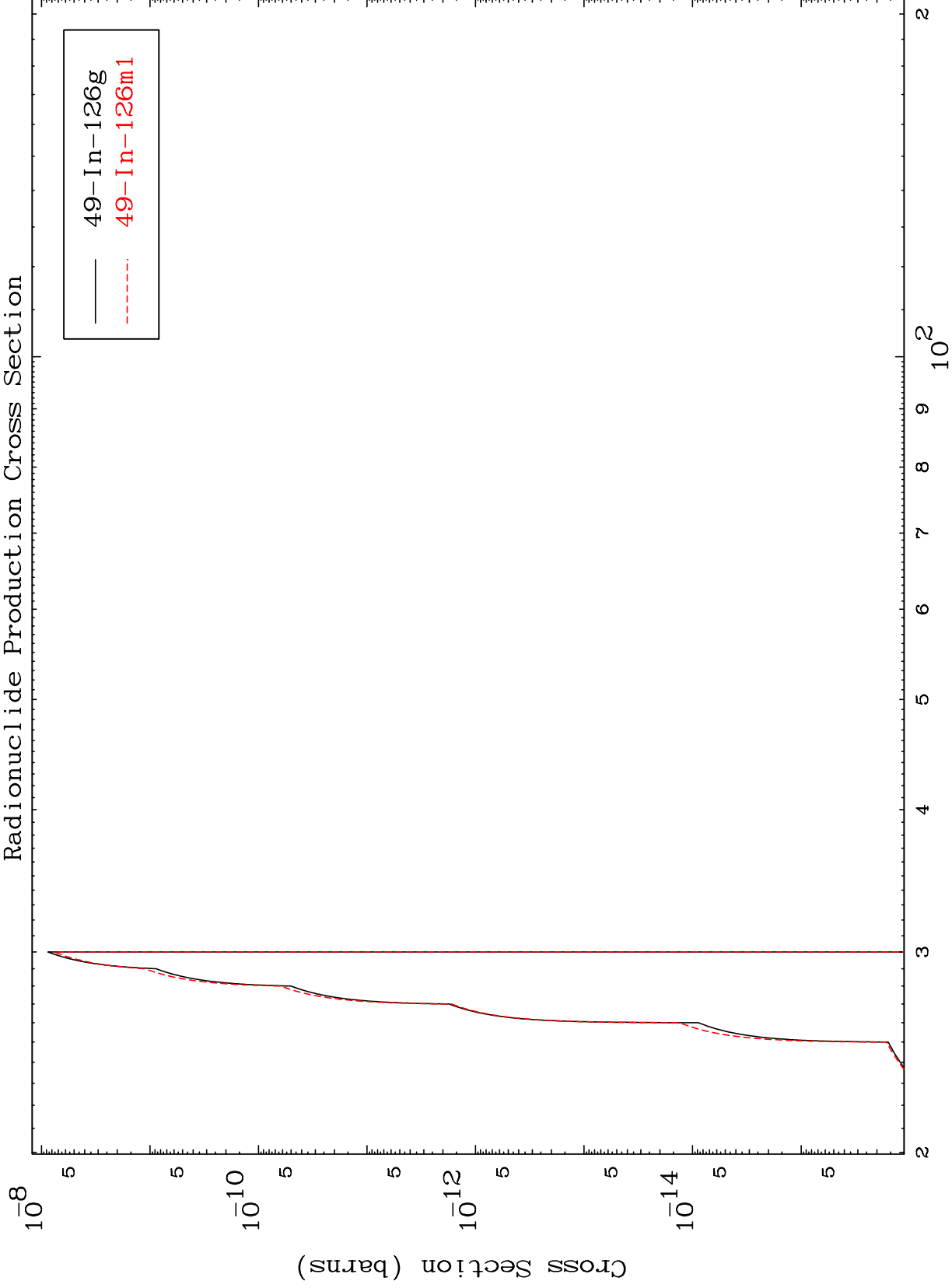
51-Sb-132

MAT 5158

(n,3n) α

51-Sb-132

Radionuclide Production Cross Section



125

Incident Energy (MeV)

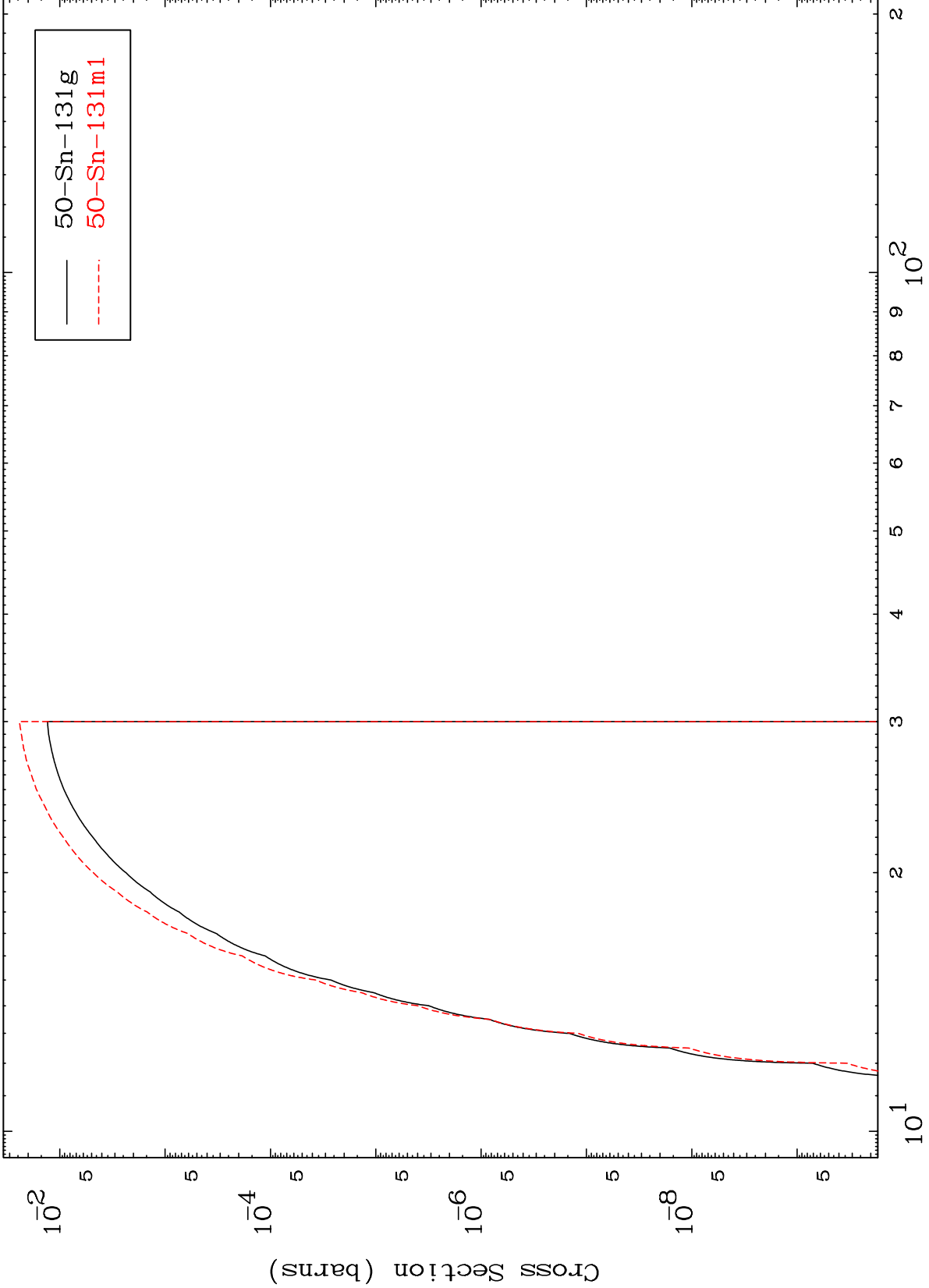
51-Sb-132

MAT 5158

(n,n') p

51-Sb-132

Radionuclide Production Cross Section

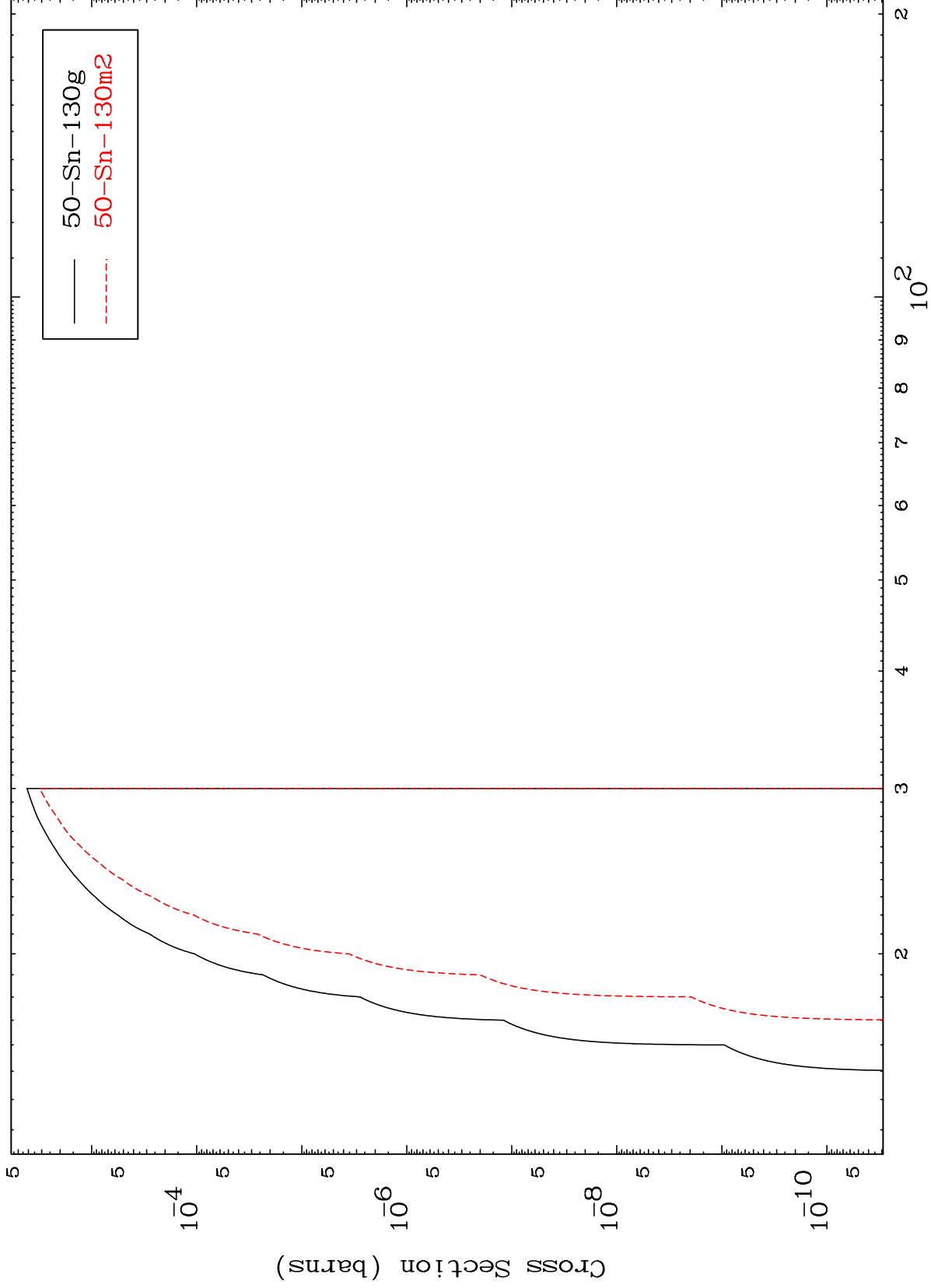


126

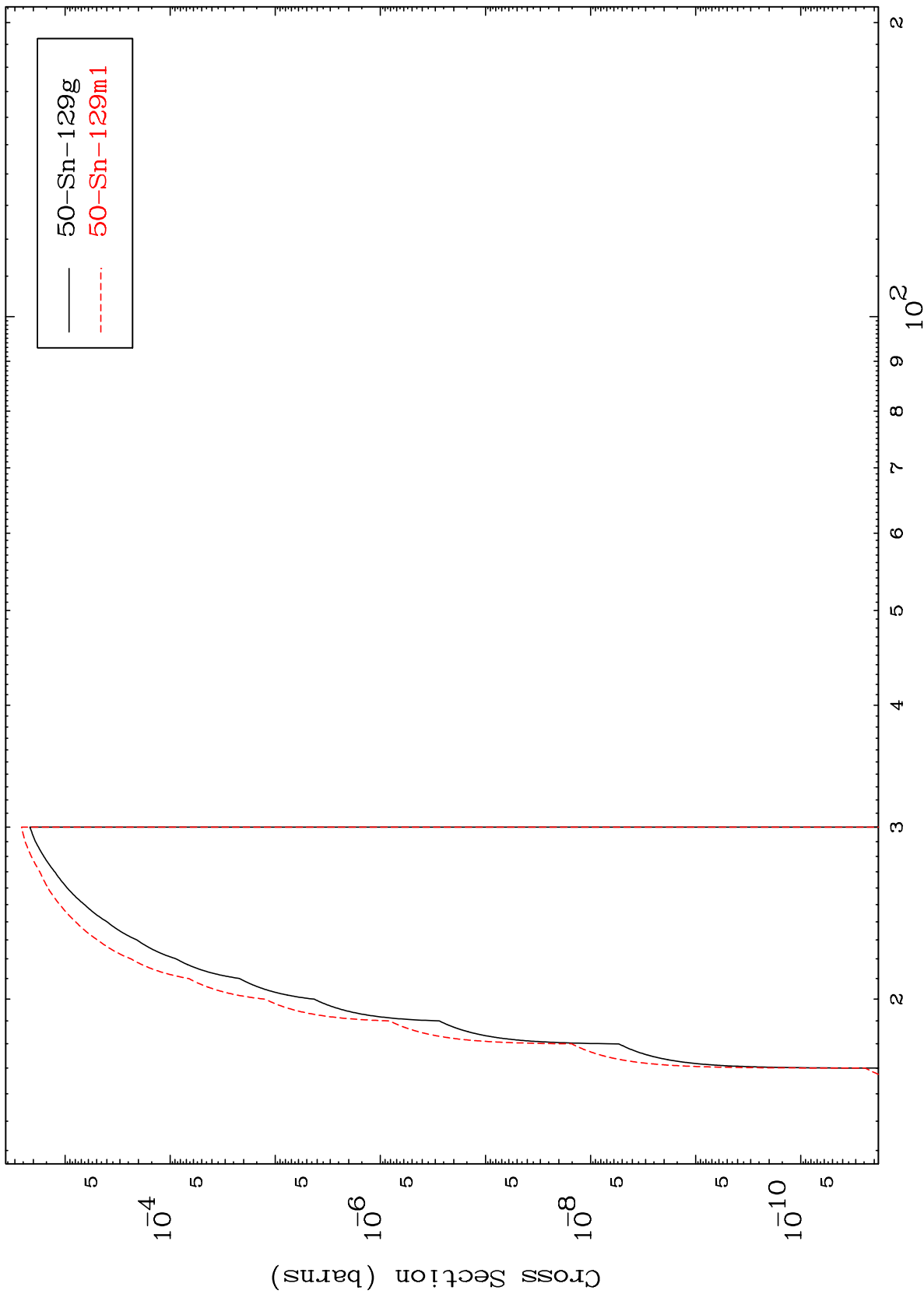
Incident Energy (MeV)

51-Sb-132

Radionuclide Production Cross Section



Radionuclide Production Cross Section

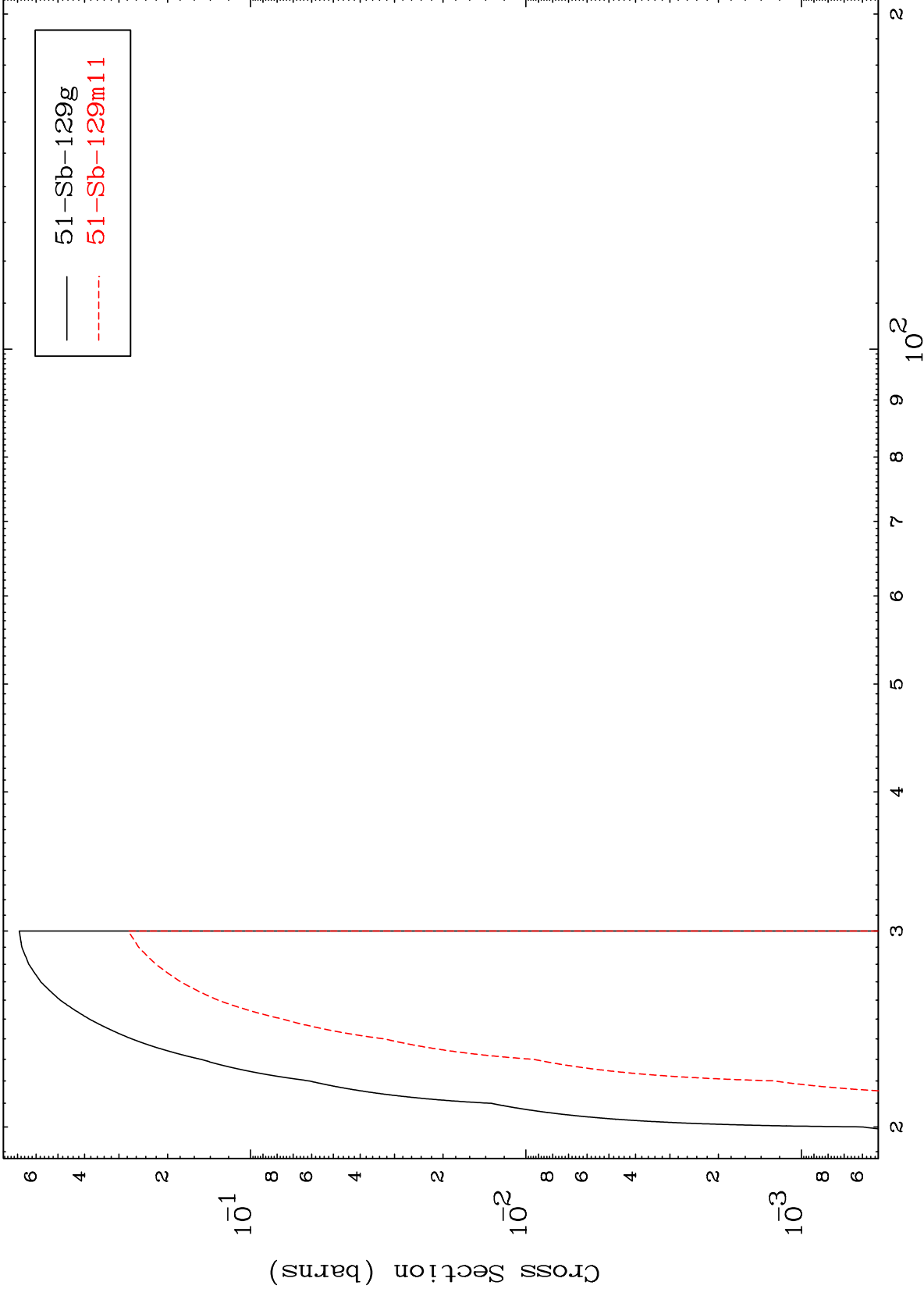


MAT 5158

(n,4n)

51-Sb-132

Radionuclide Production Cross Section



129

Incident Energy (MeV)

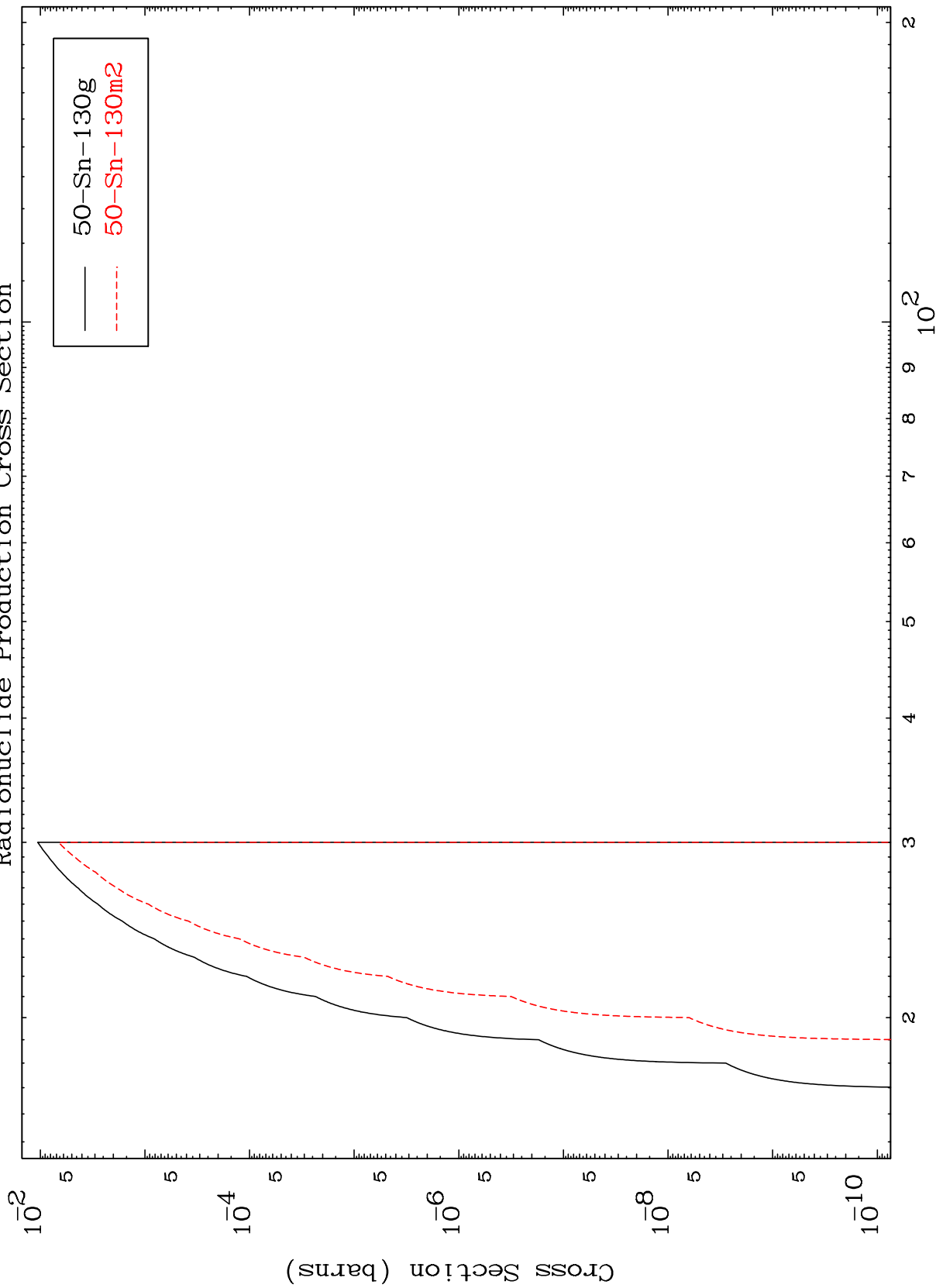
51-Sb-132

MAT 5158

(n,2n) p

51-Sb-132

Radionuclide Production Cross Section



130

Incident Energy (MeV)

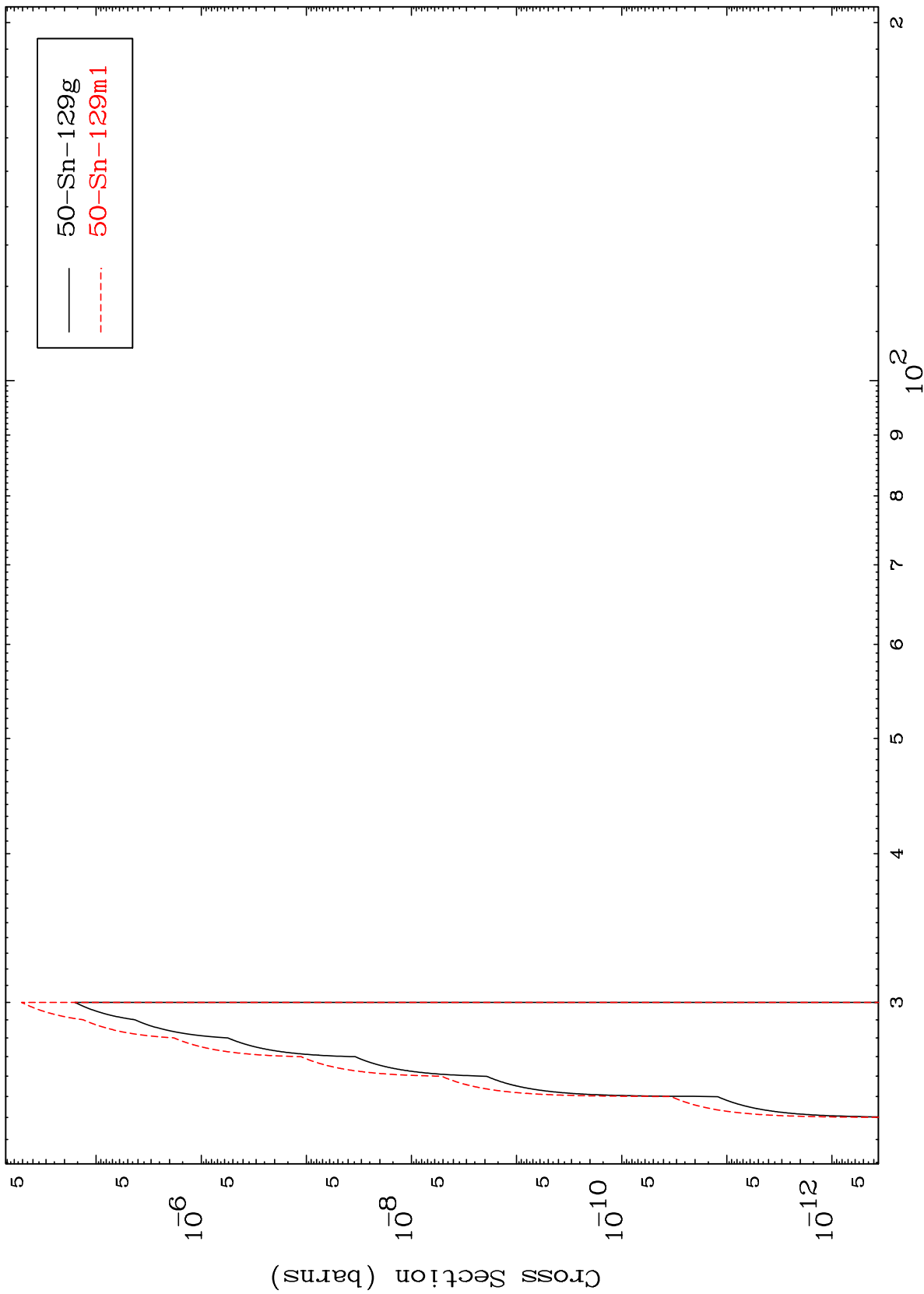
51-Sb-132

MAT 5158

(n,3n) p

51-Sb-132

Radionuclide Production Cross Section



131

Incident Energy (MeV)

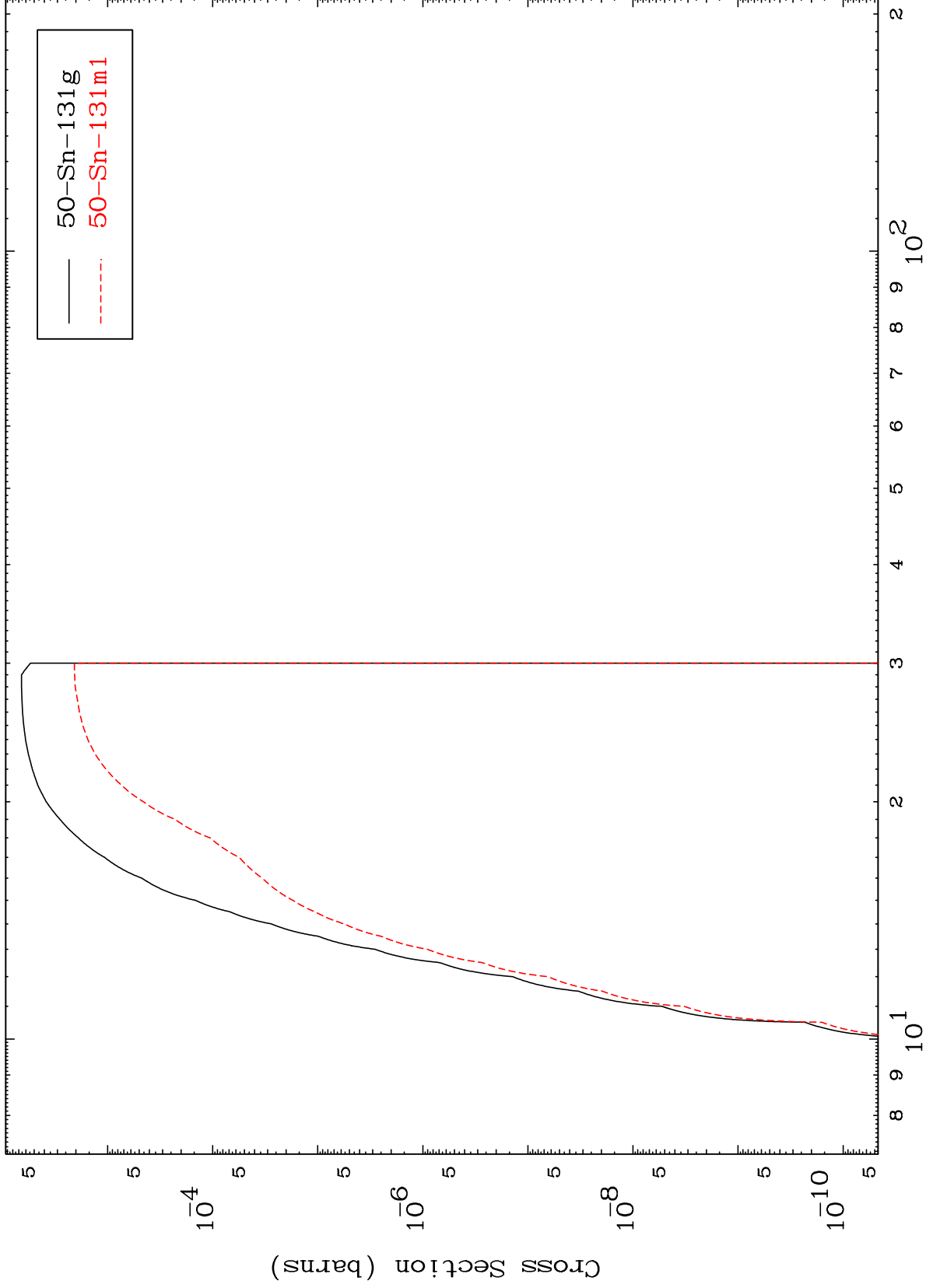
51-Sb-132

MAT 5158

(n,d)

51-Sb-132

Radionuclide Production Cross Section



132

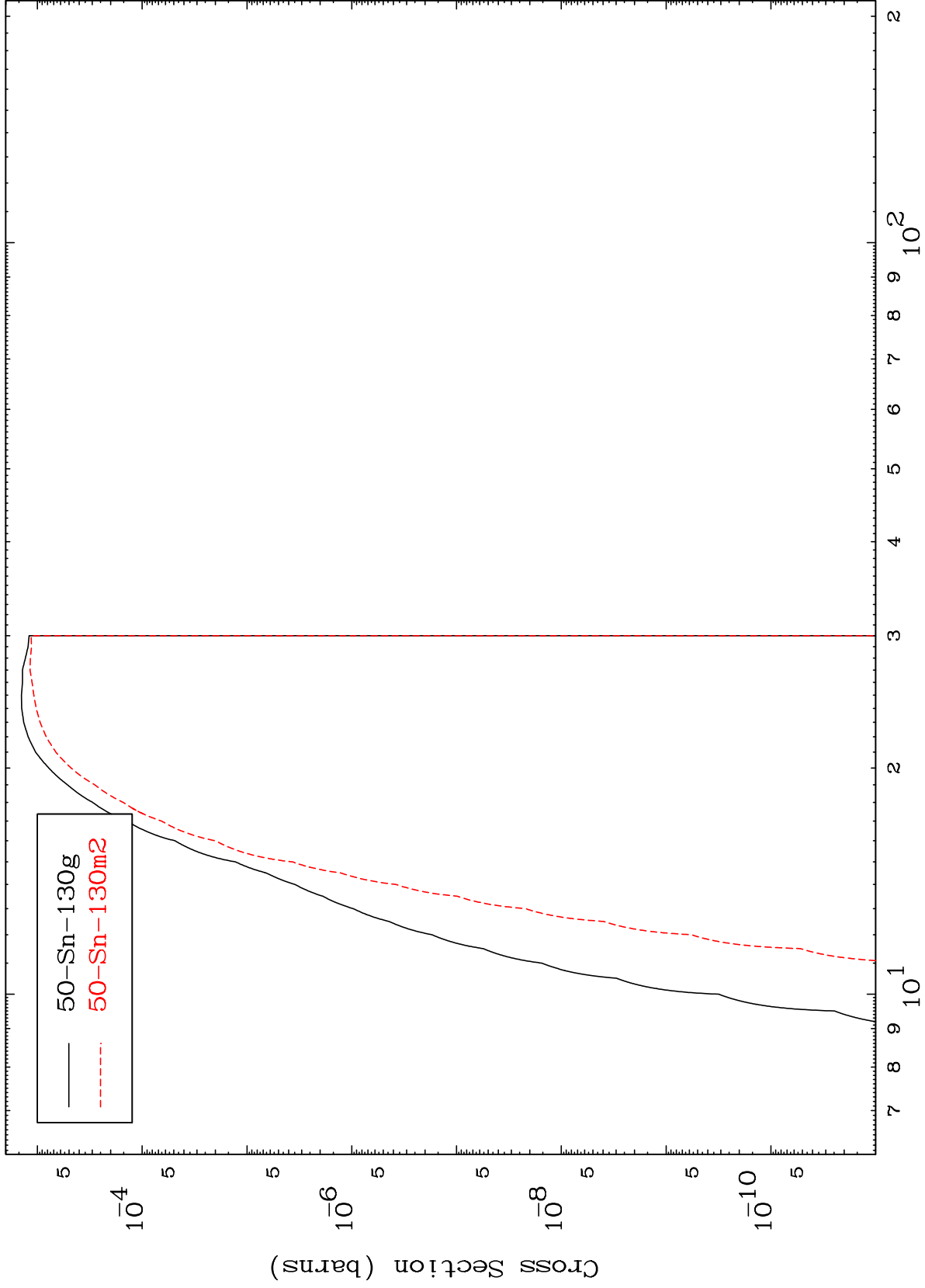
Incident Energy (MeV)

51-Sb-132

MAT 5158

51-Sb-132

(n,t)
Radionuclide Production Cross Section

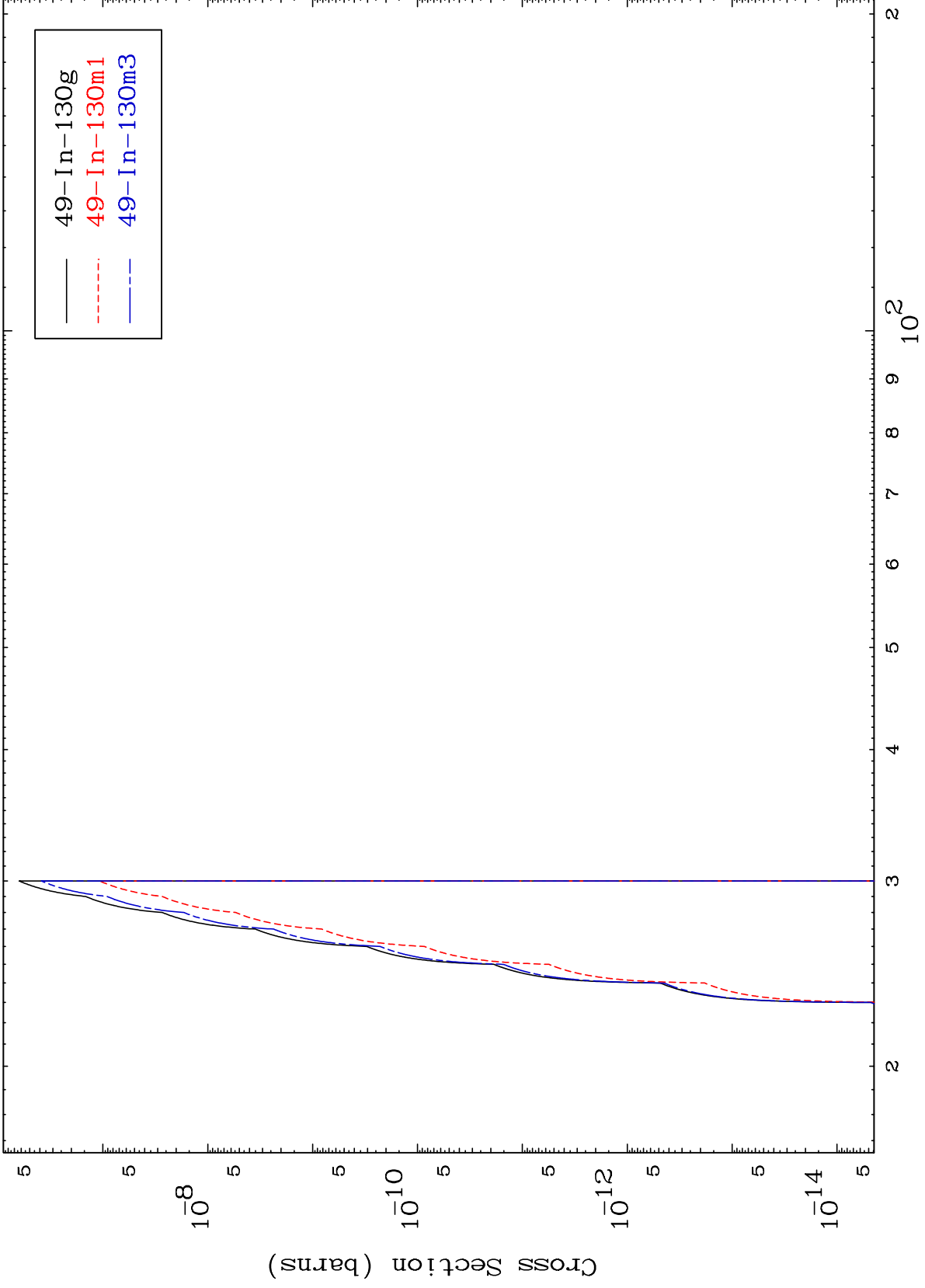


133

Incident Energy (MeV)

51-Sb-132

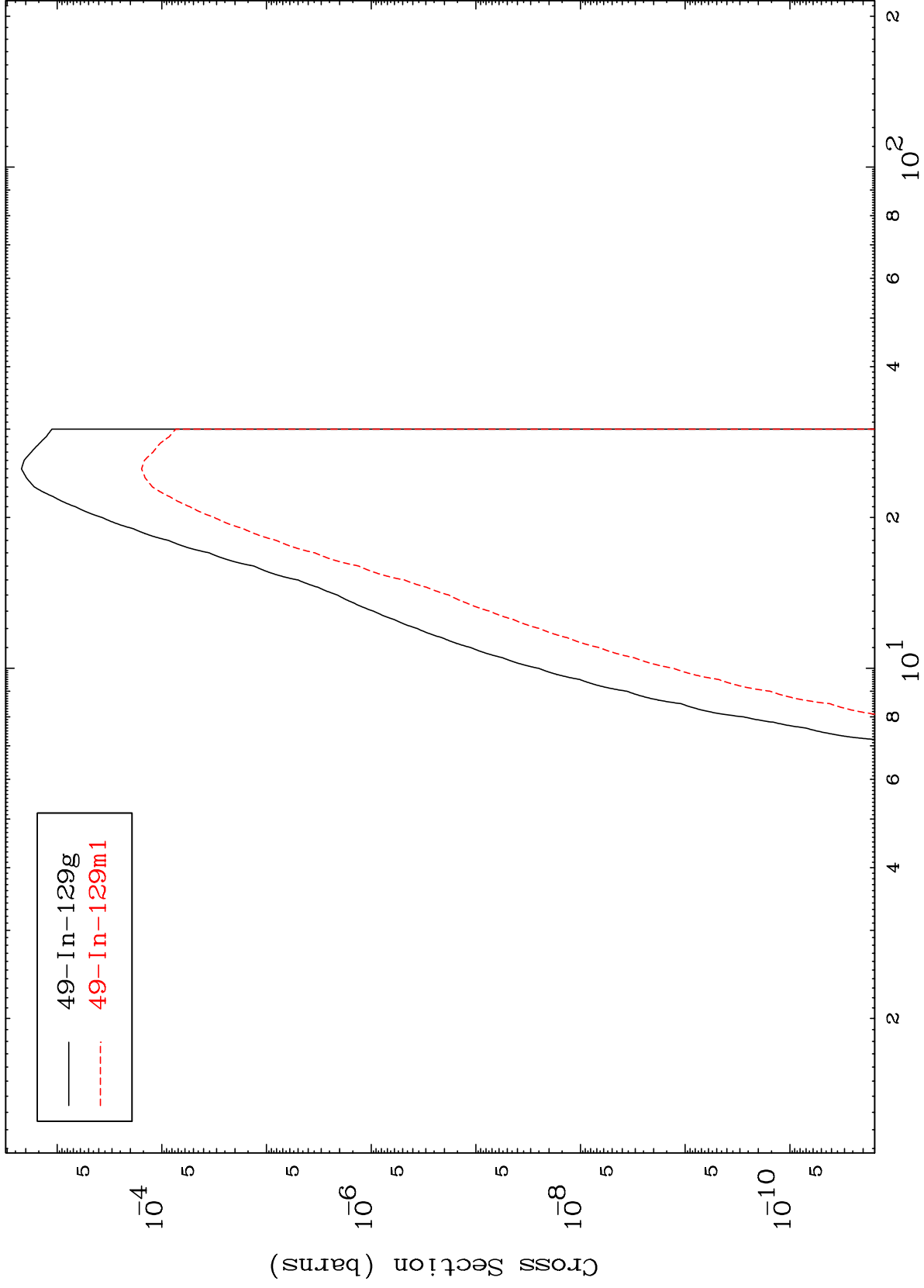
Radionuclide Production Cross Section



MAT 5158

51-Sb-132

(n, α)
Radionuclide Production Cross Section



135

51-Sb-132

Incident Energy (MeV)