

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

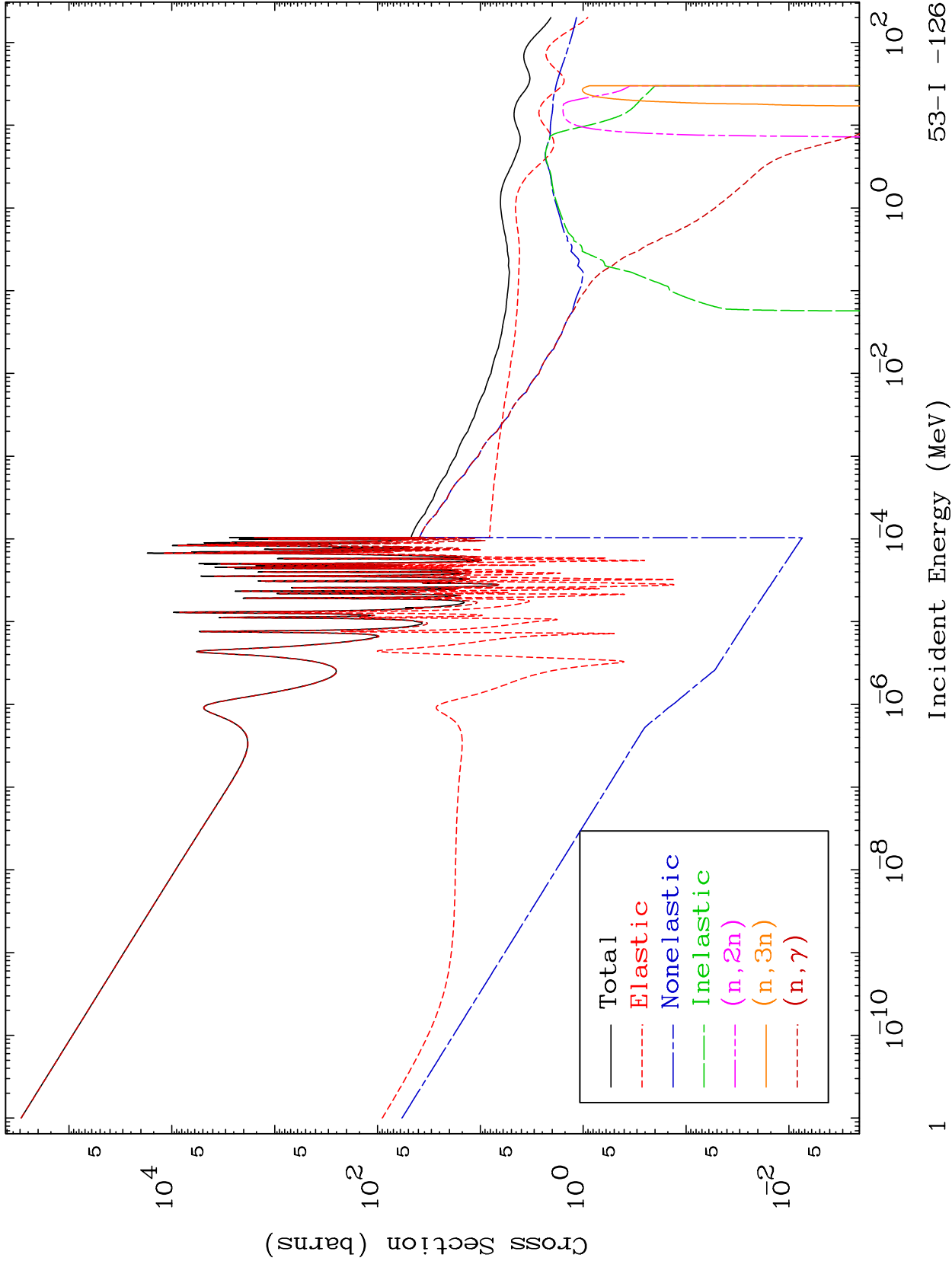
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

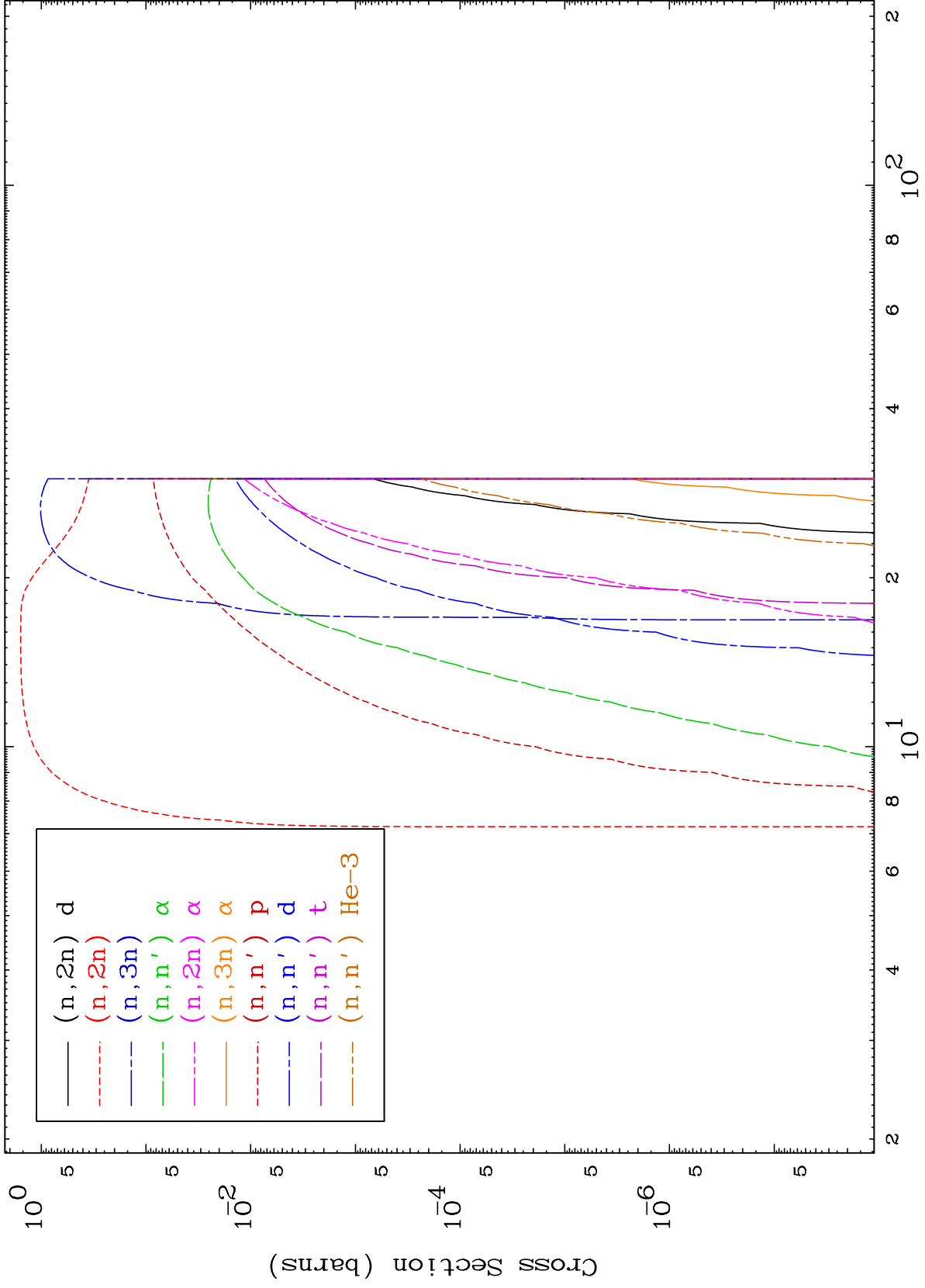
Tele: 925-443-1911

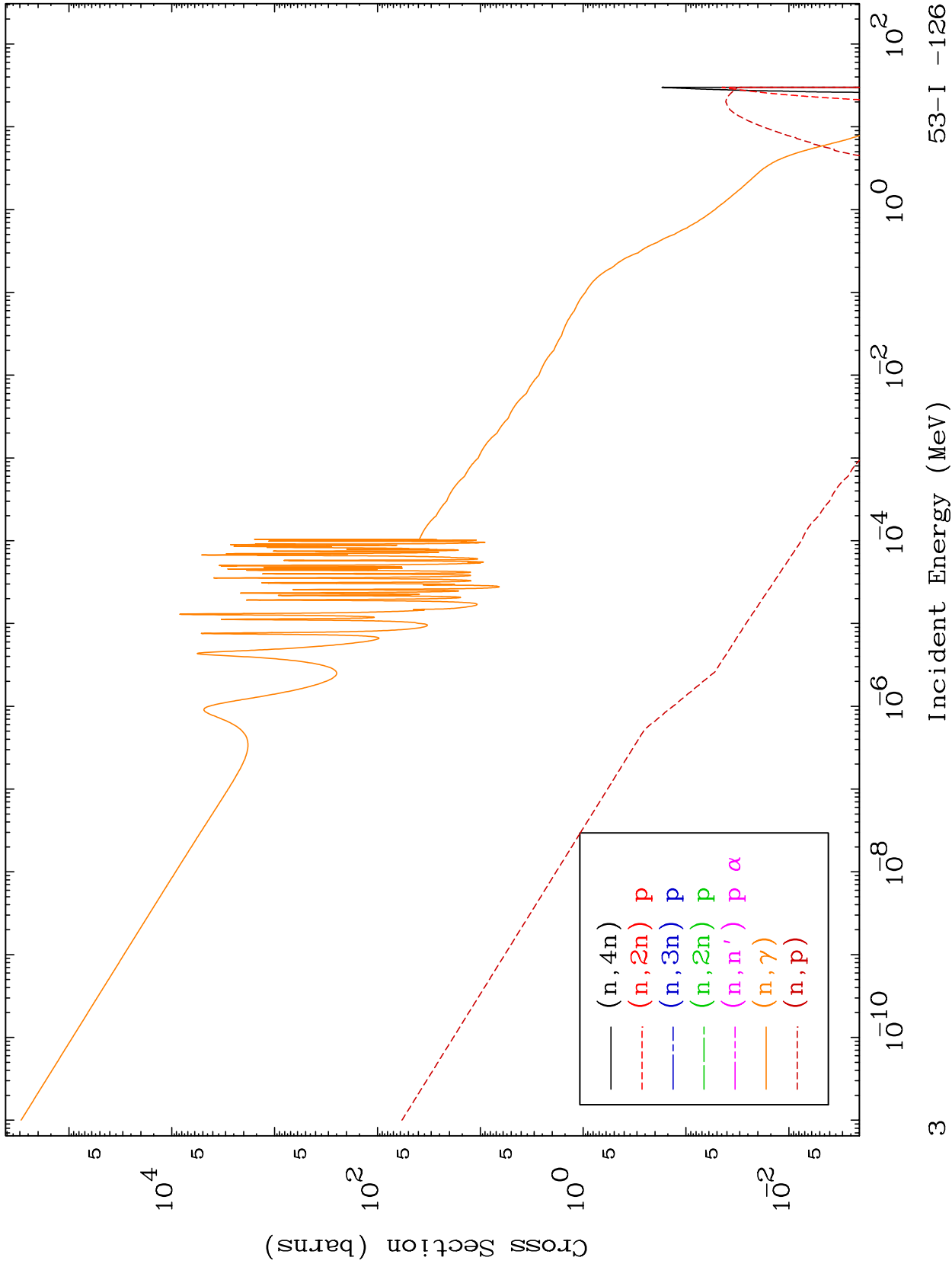
E.Mail:redcullen1@comcast.net

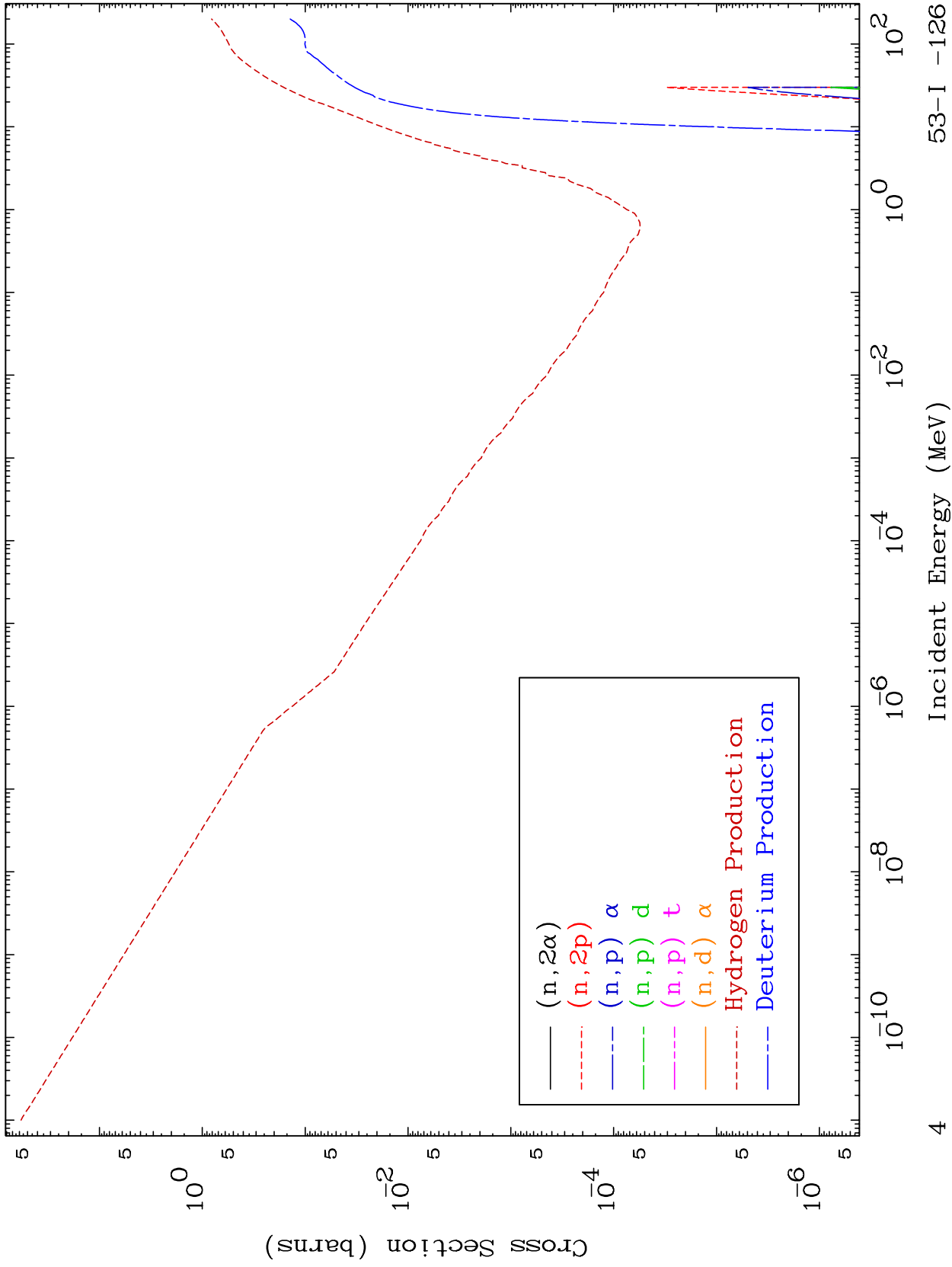
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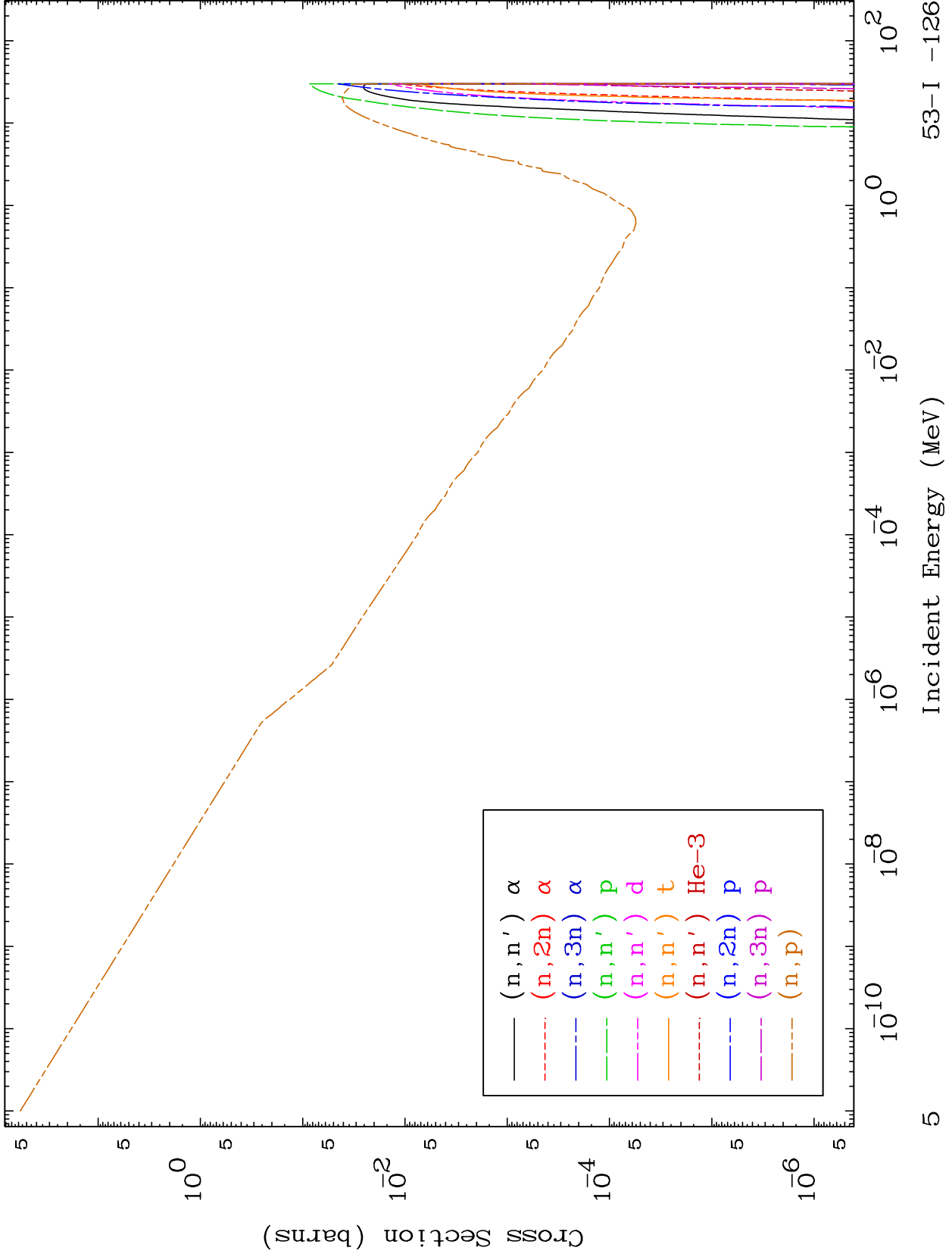
Press Mouse Button to Start

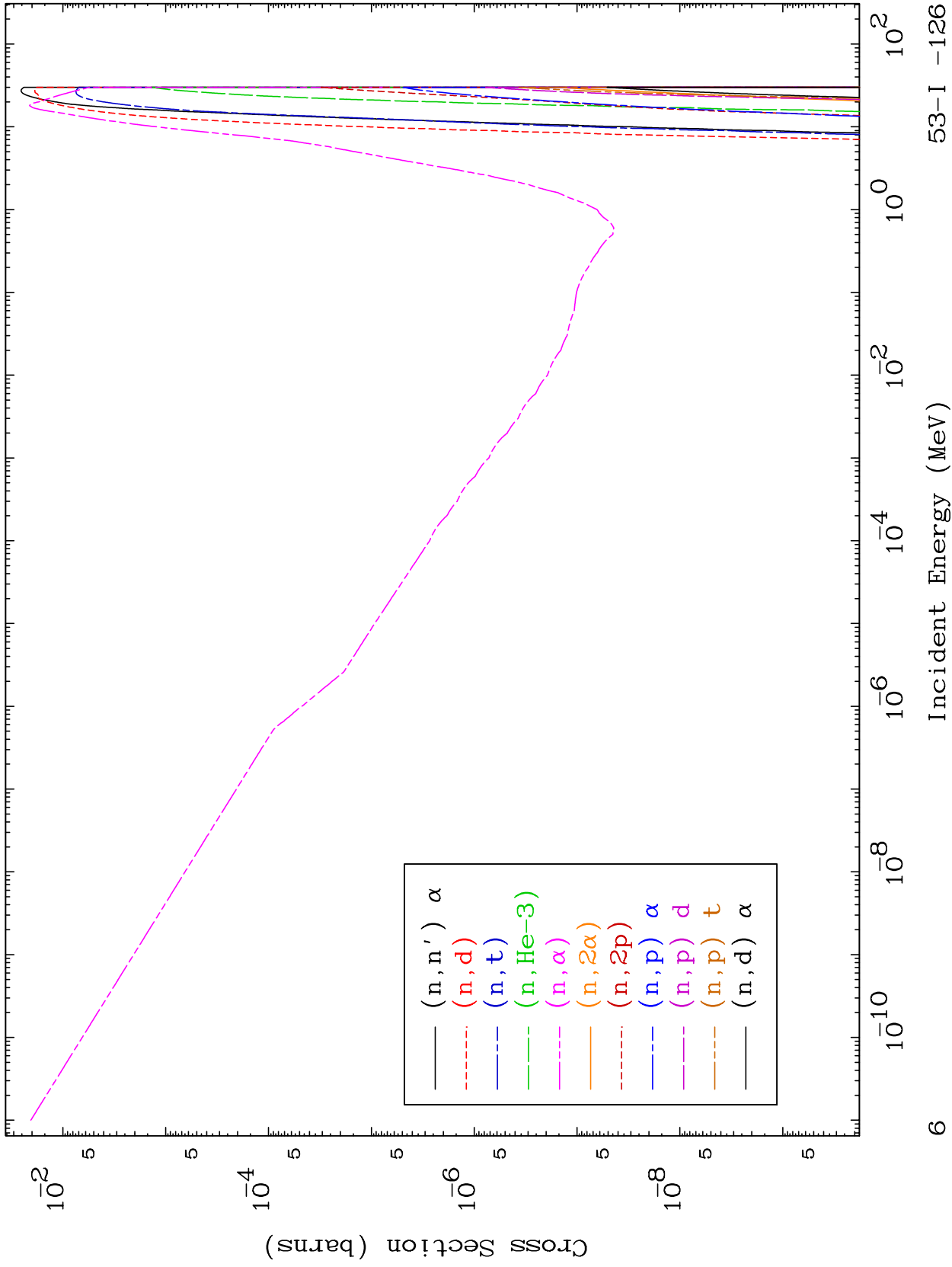


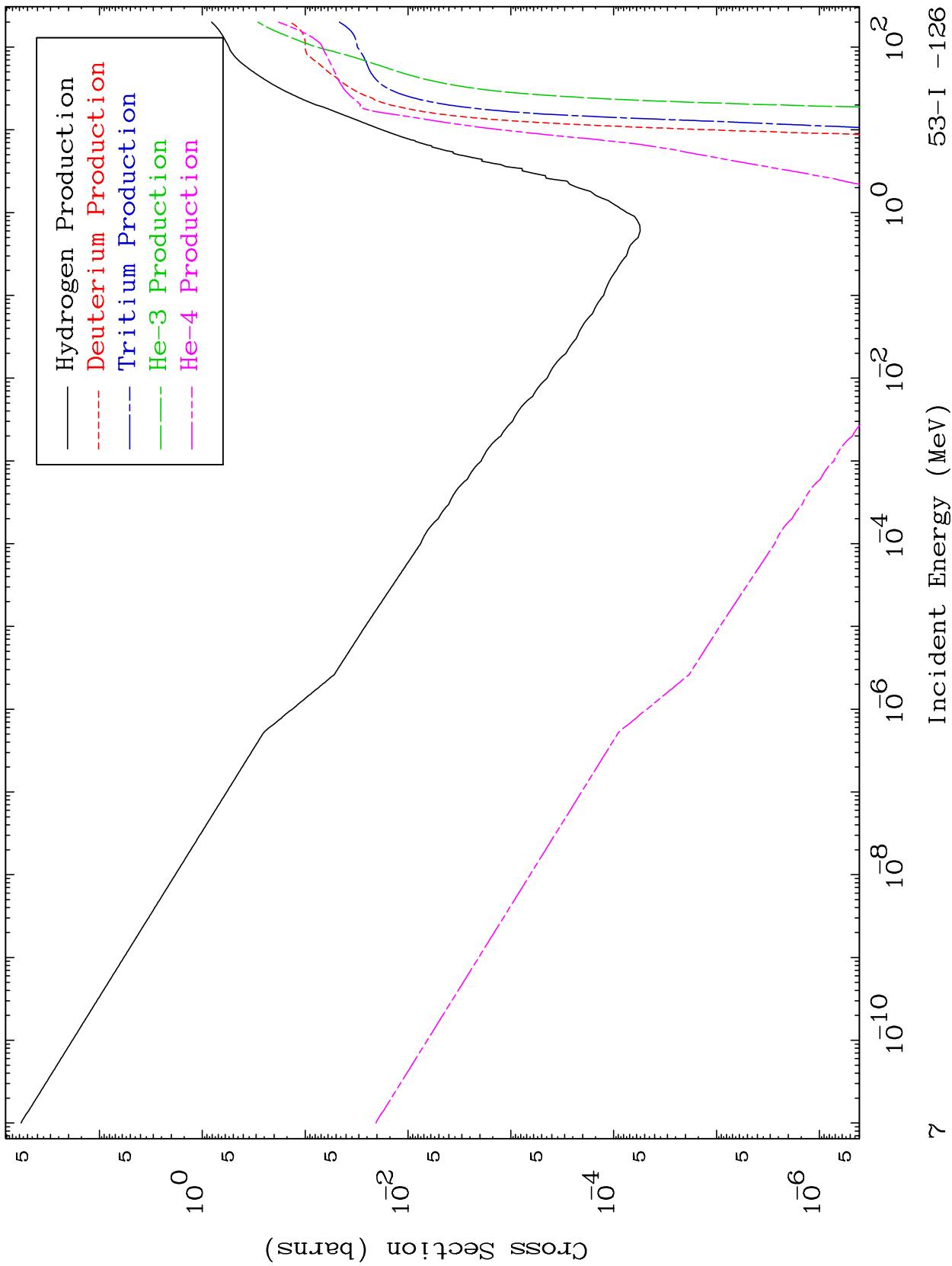


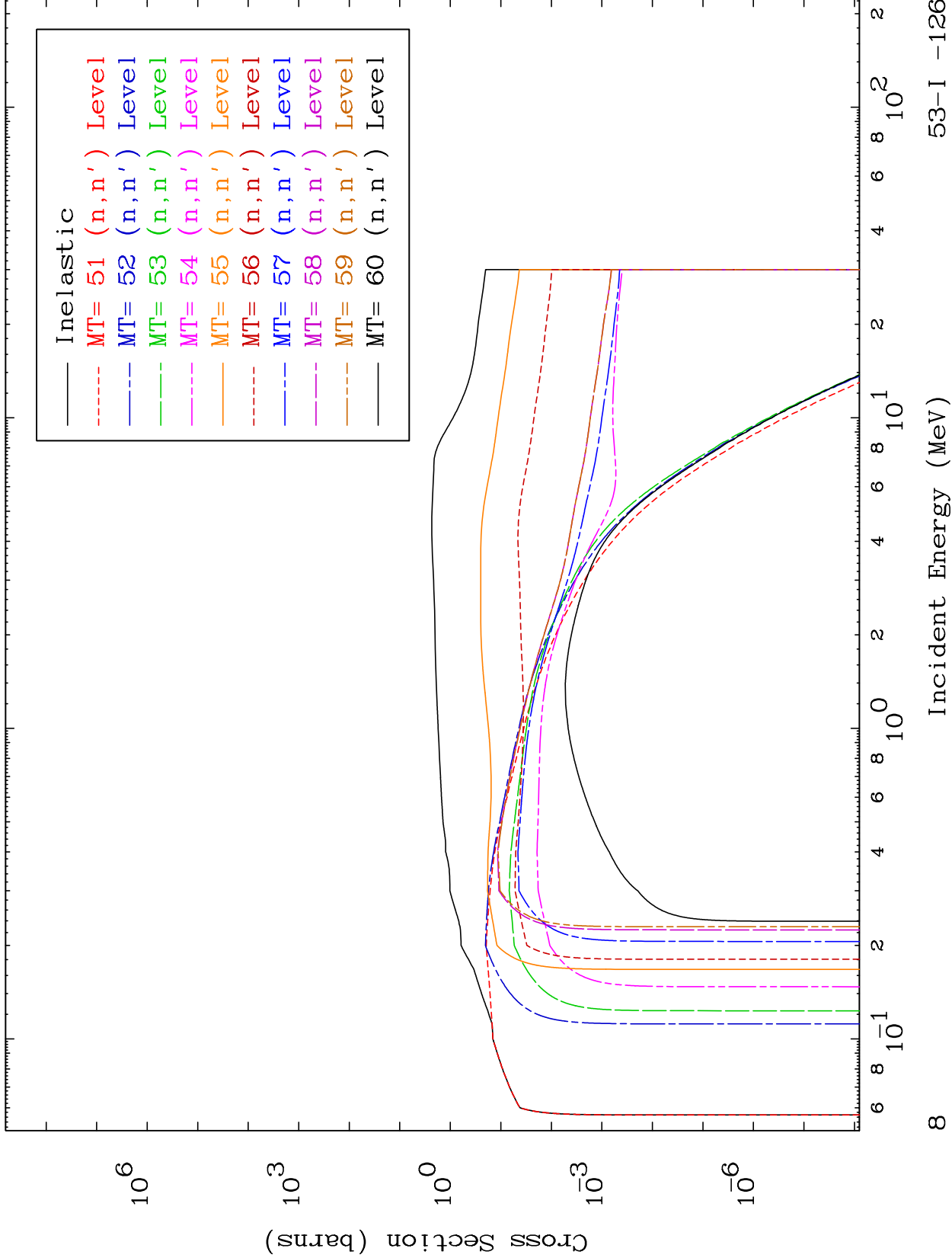


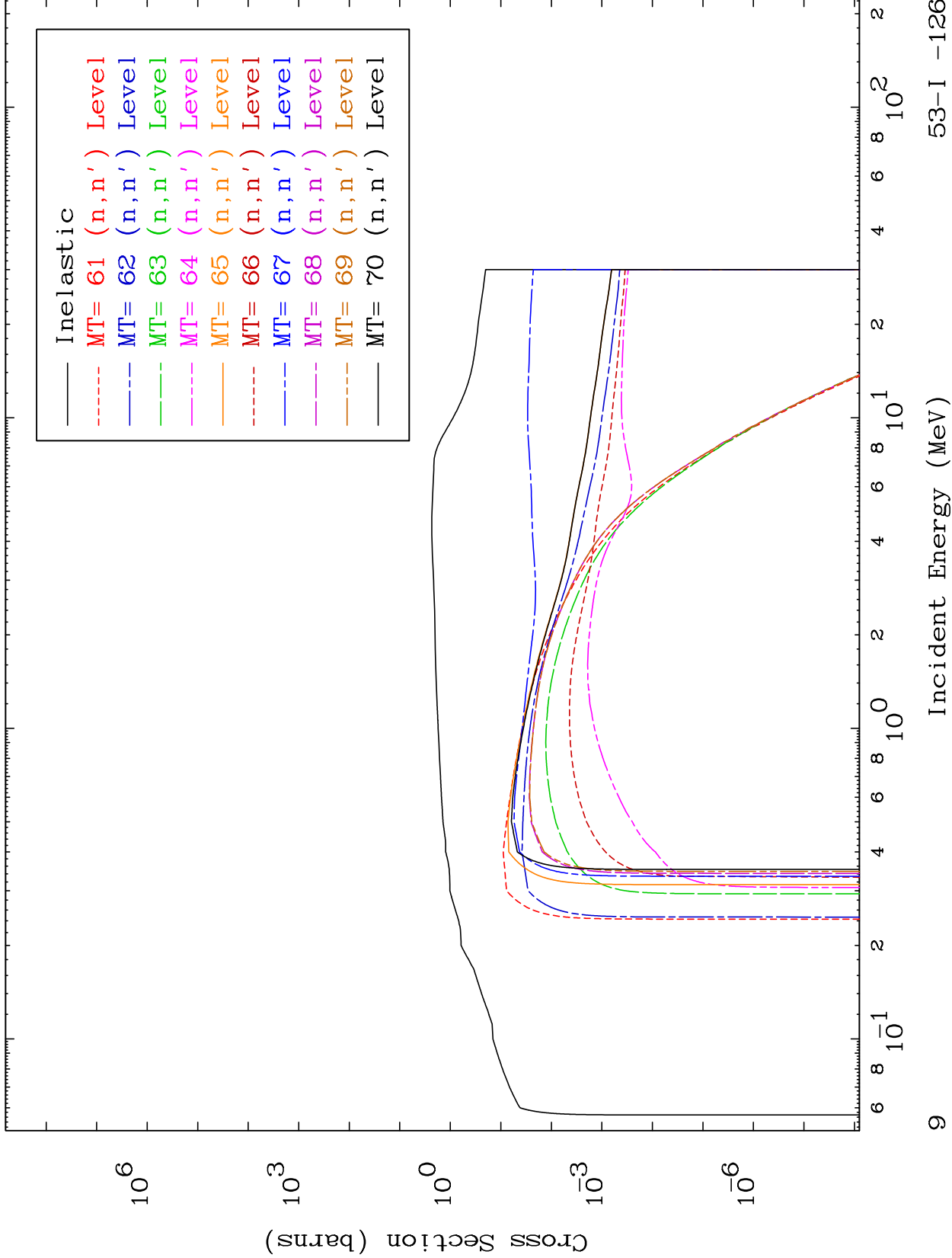


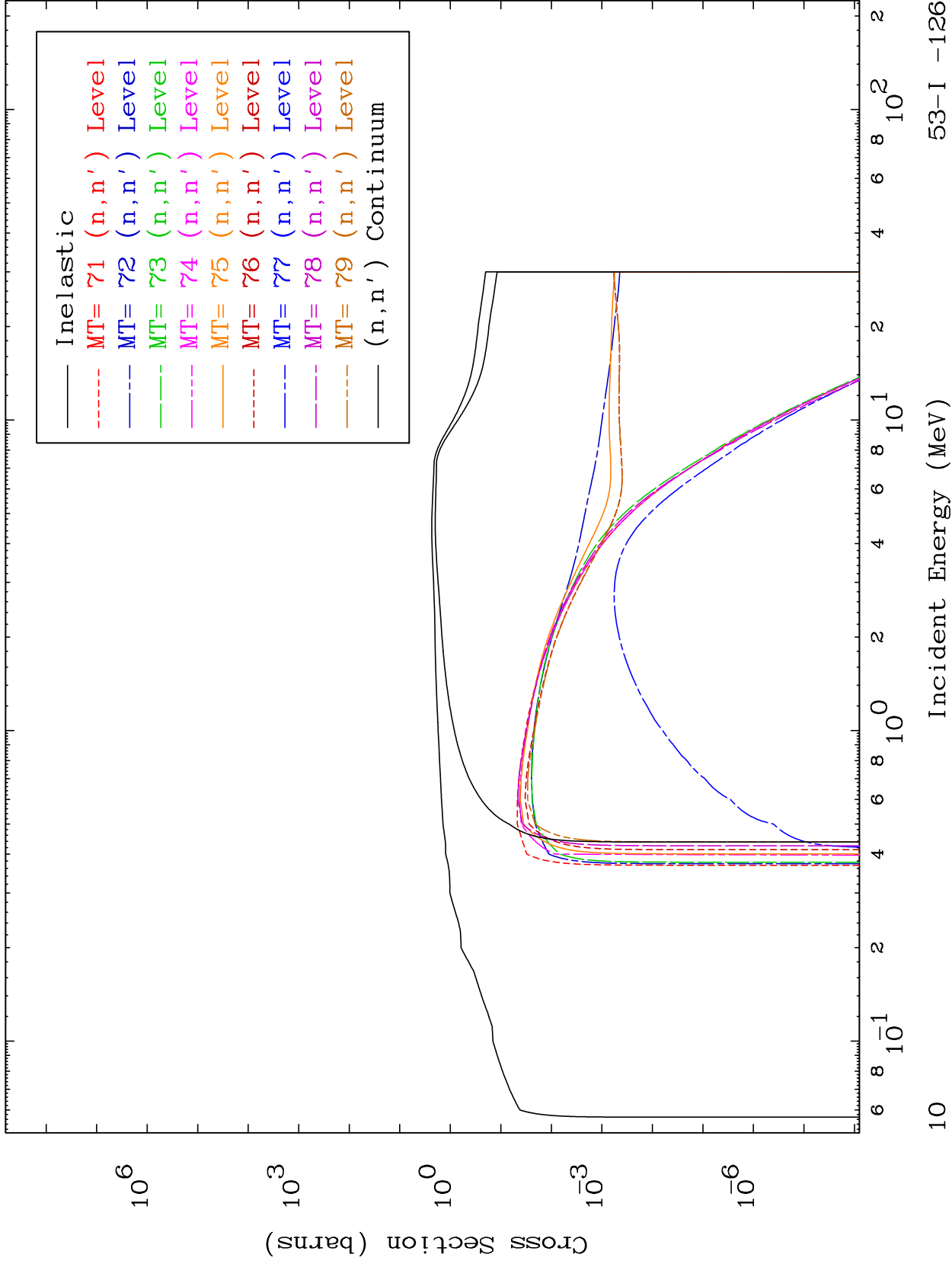








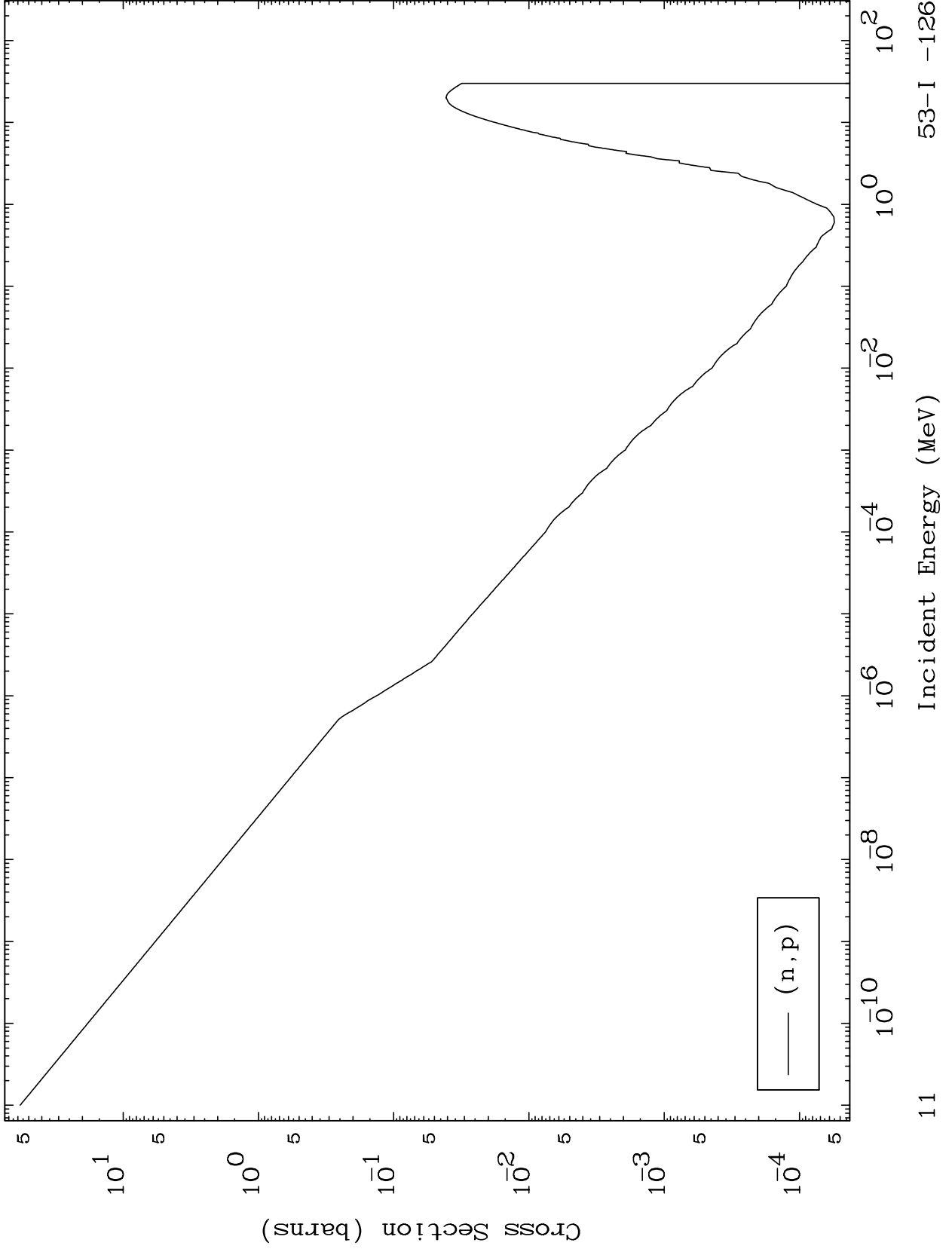


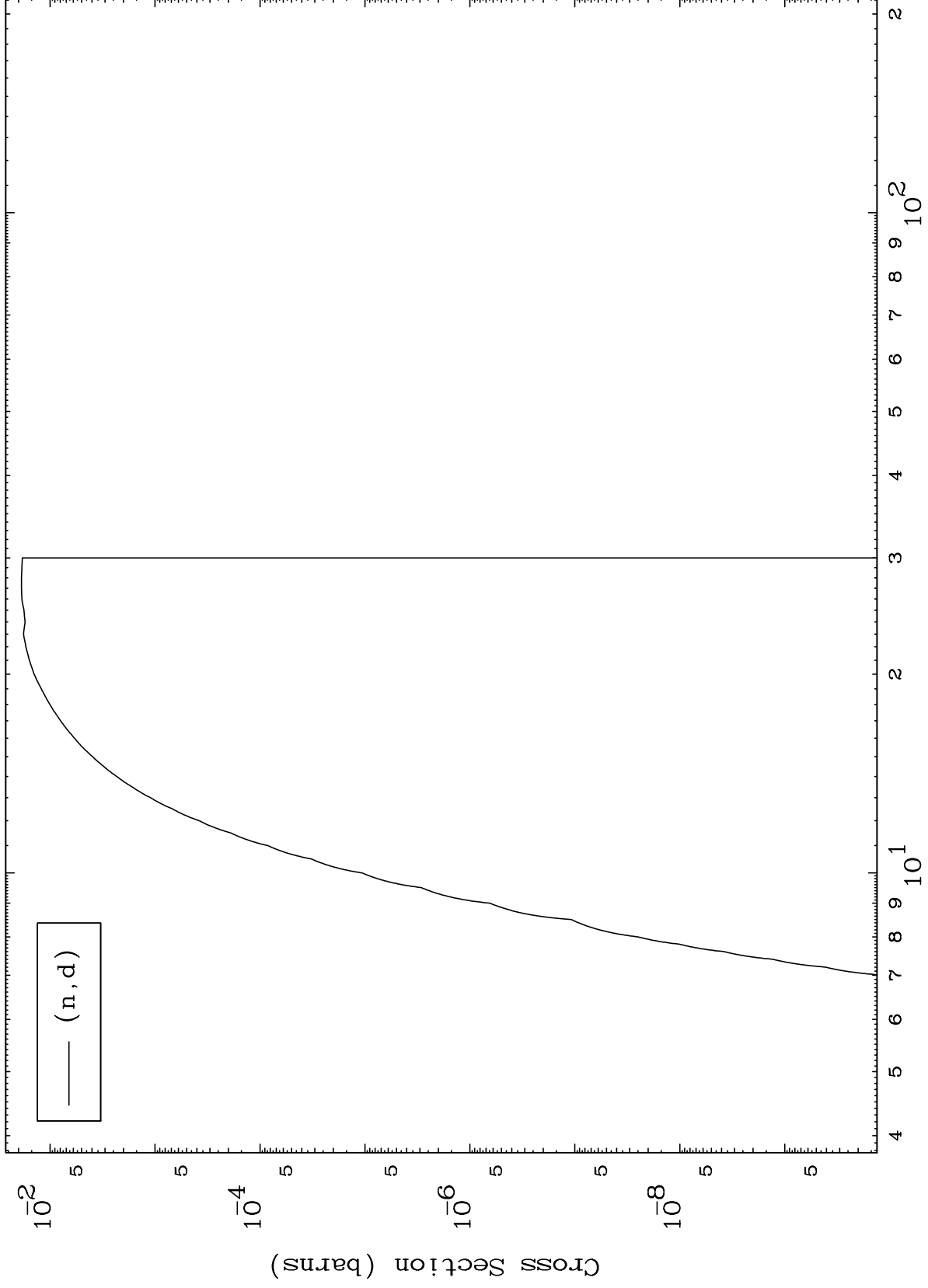


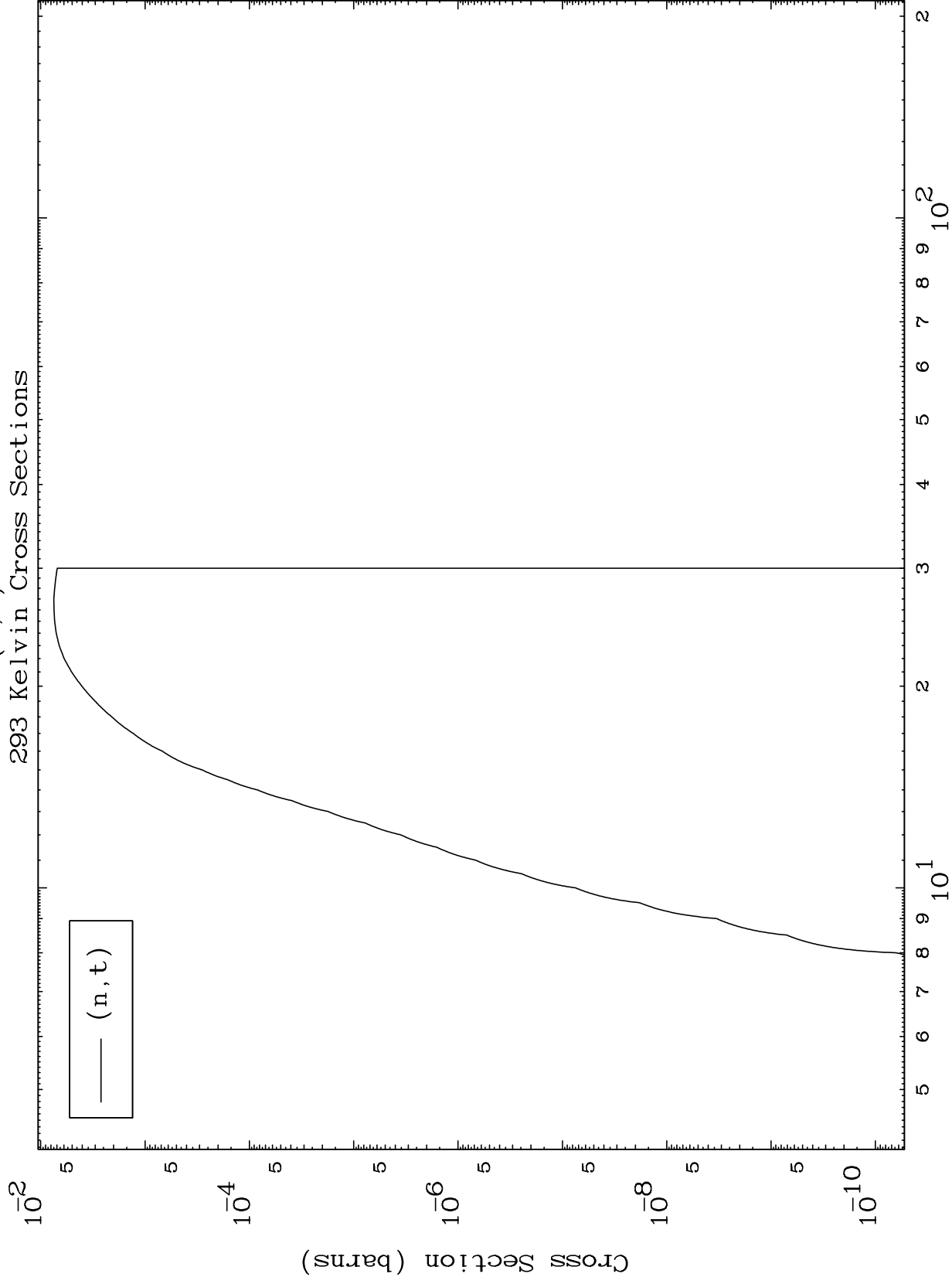
MAT 5322

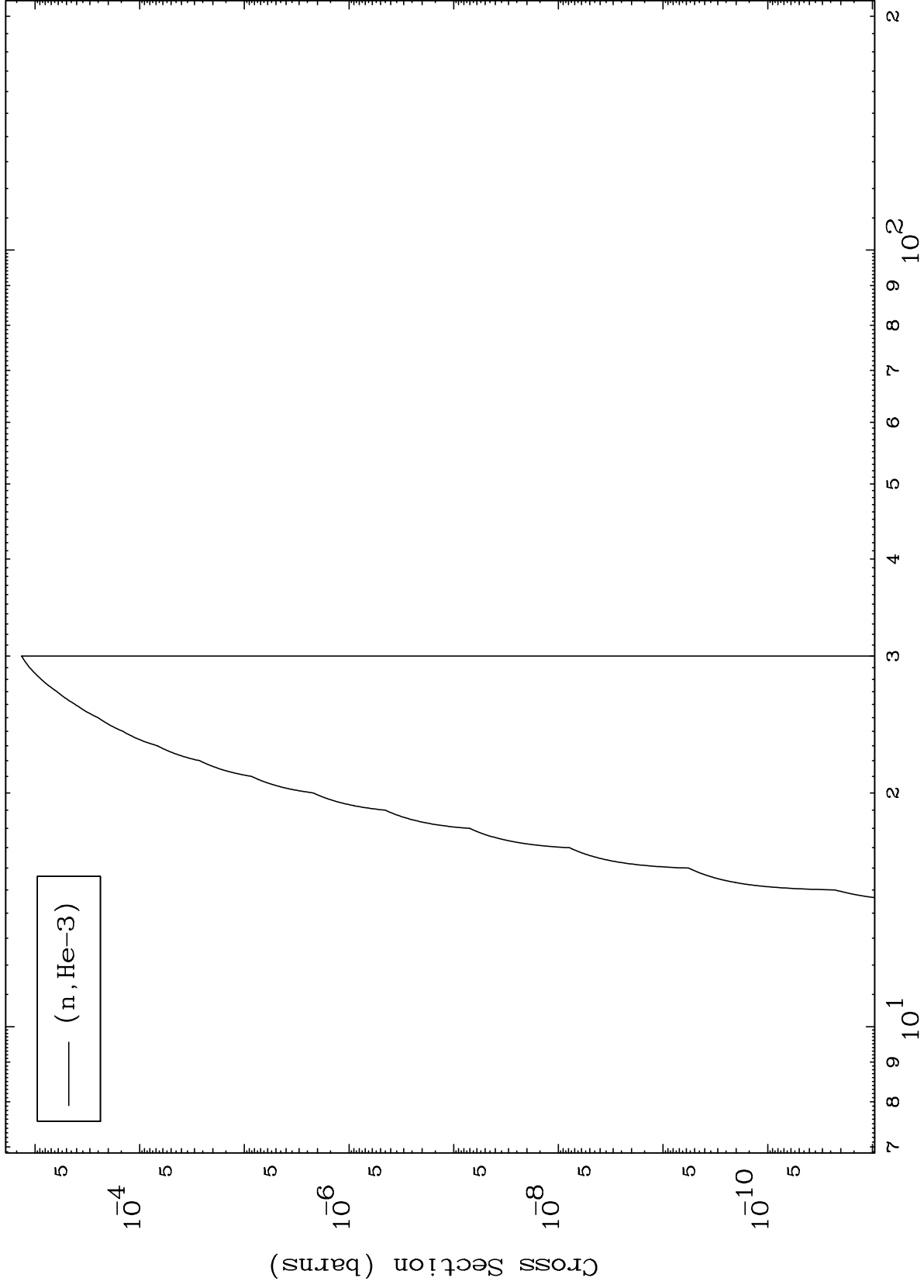
(n,p) Levels
293 Kelvin Cross Sections

53-I -126





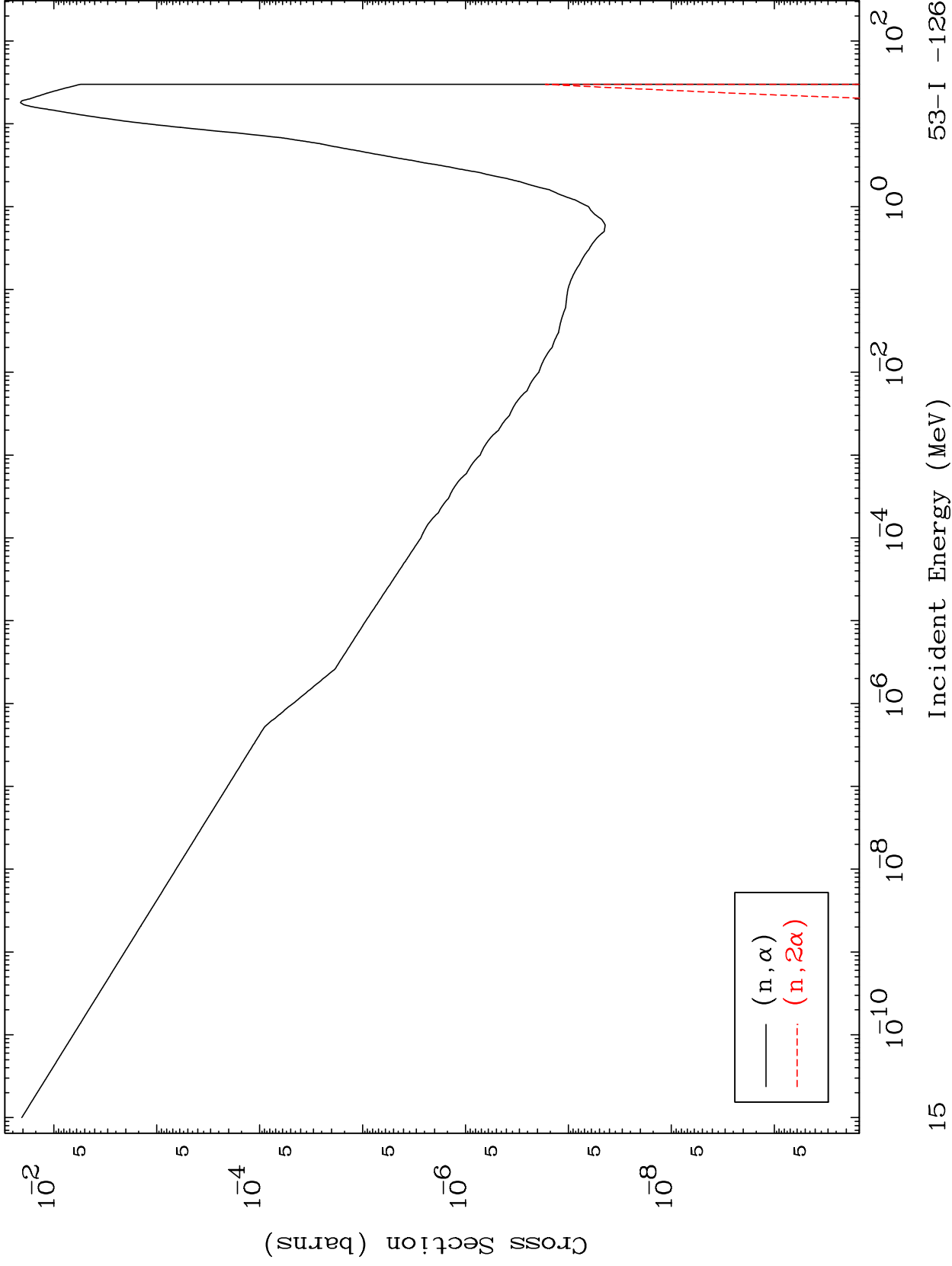


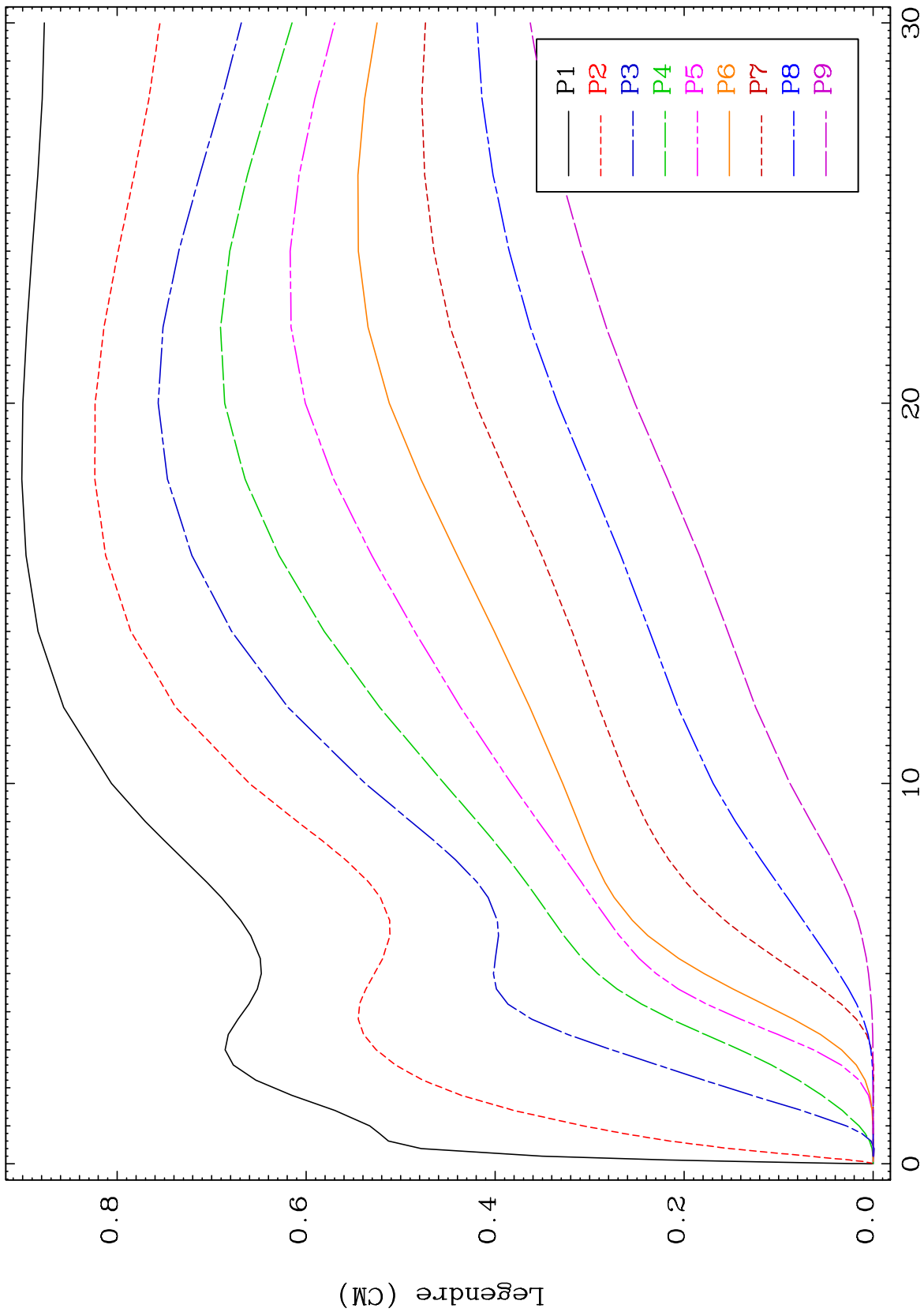


MAT 5322

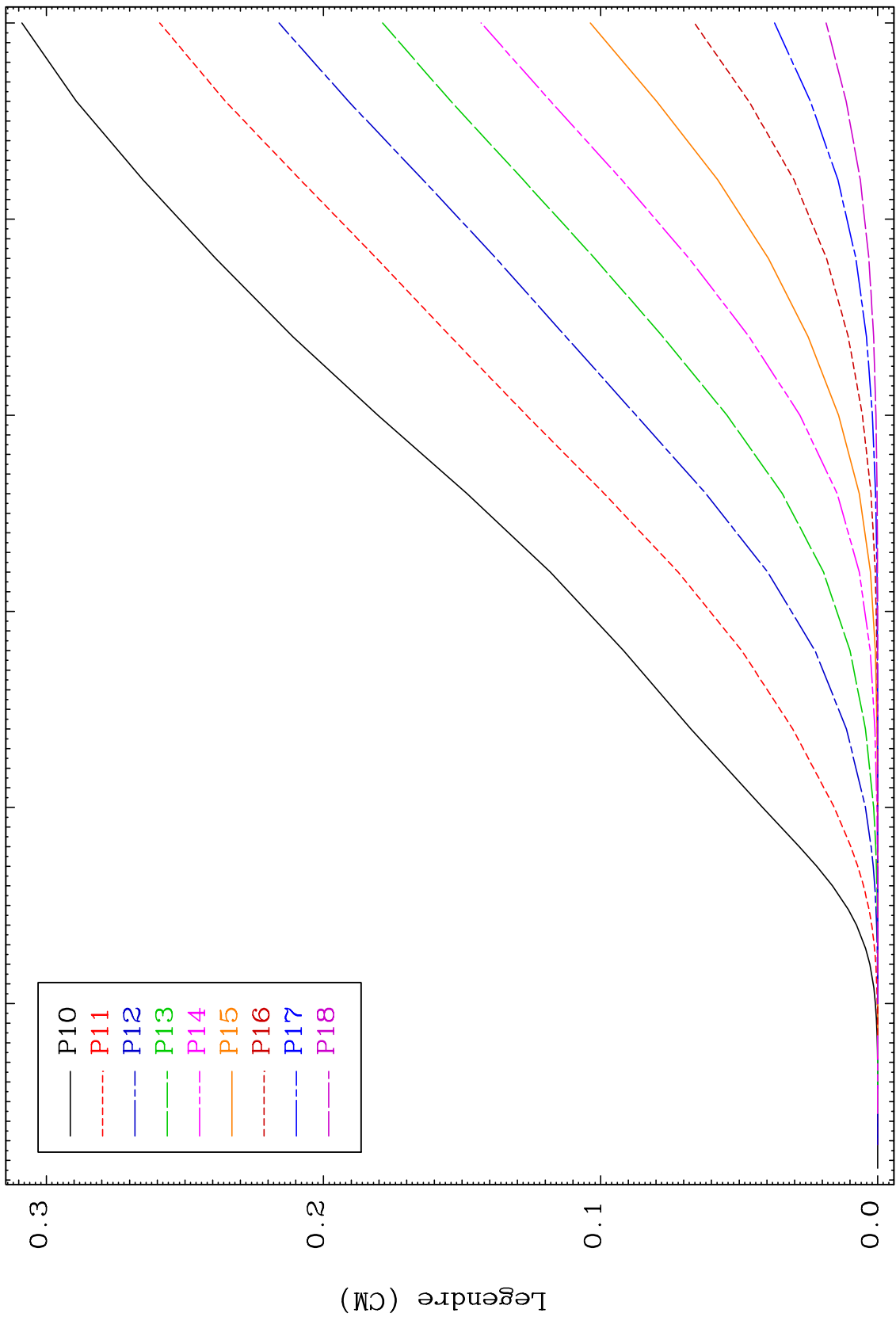
(n,α) Levels
293 Kelvin Cross Sections

53-I -126





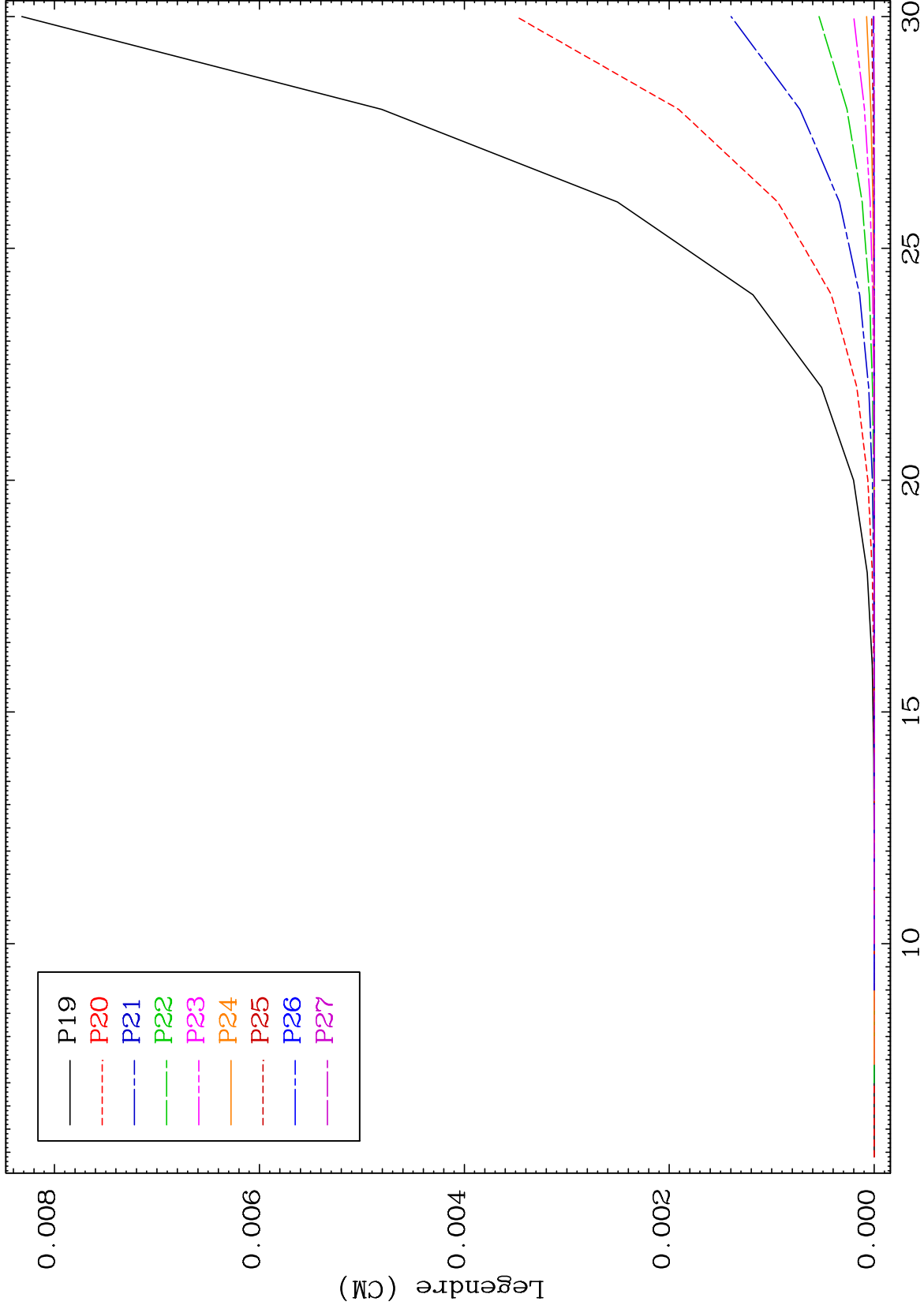
Elastic Legendre Coefficients



MAT 5322

Elastic Legendre Coefficients

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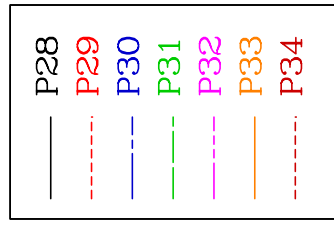
Incident Energy (MeV)

53-I -126

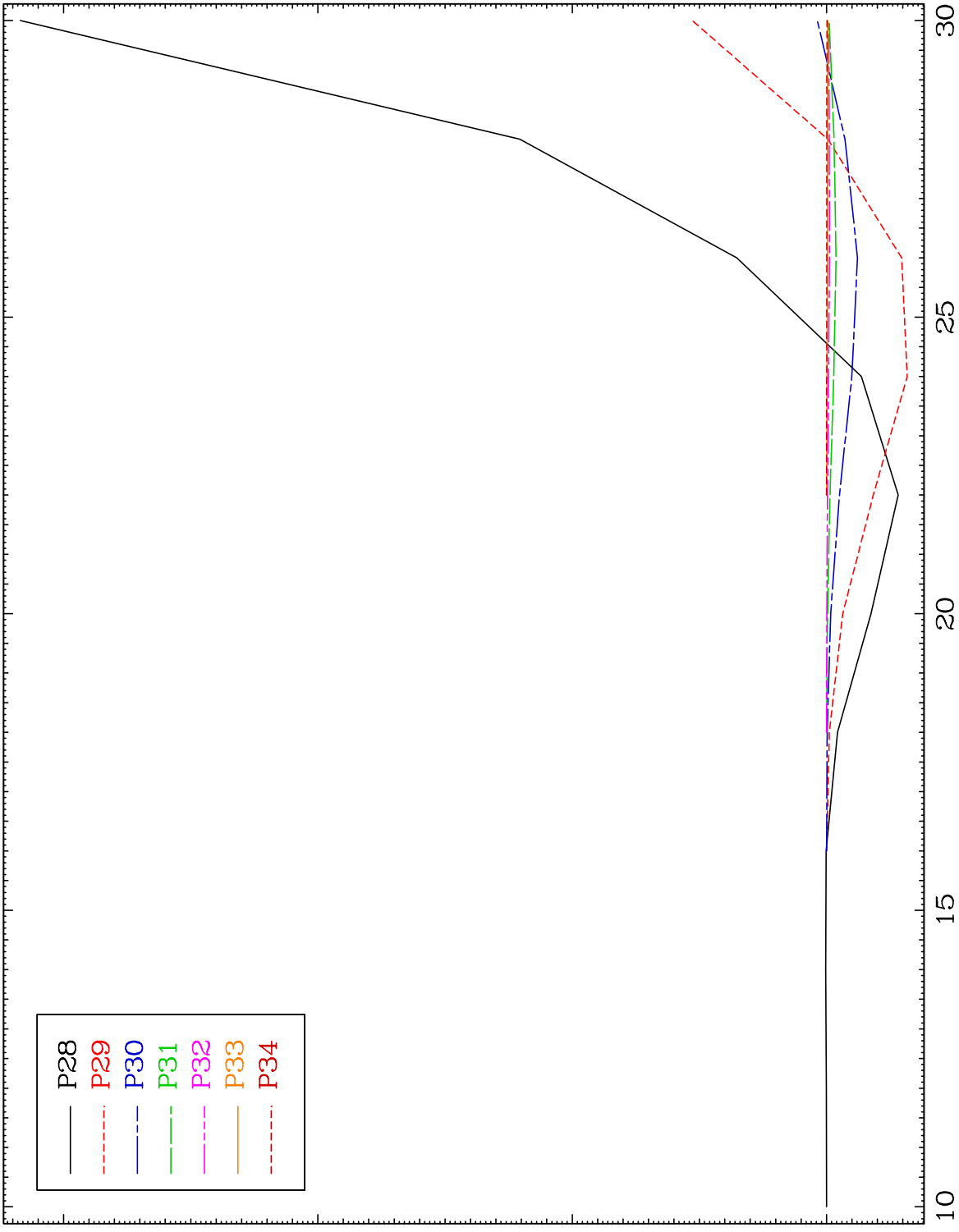
MAT 5322

Elastic
Legendre Coefficients

53-I -126



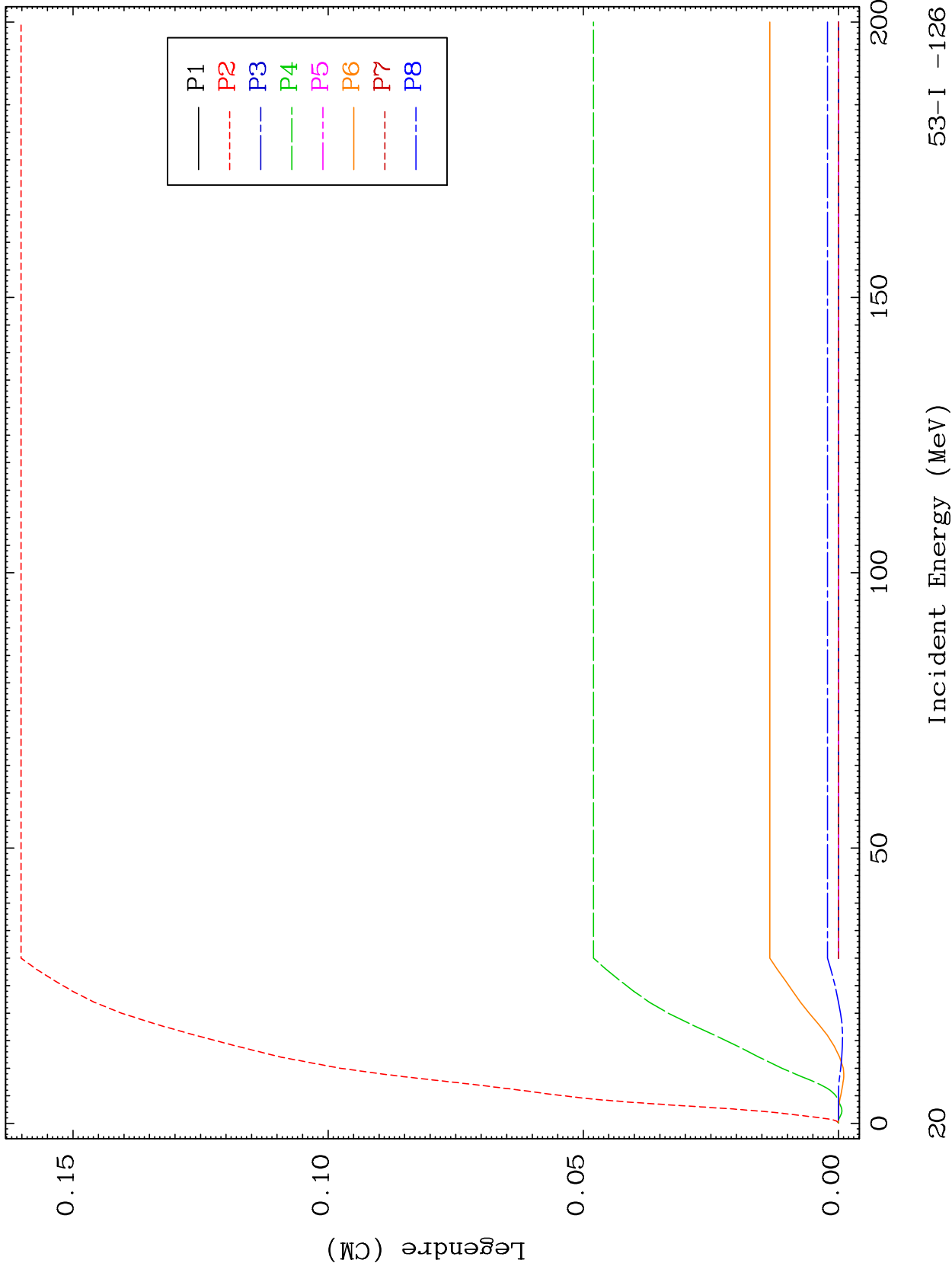
$\times 10^{-6}$
Legendre (CM)



19

Incident Energy (MeV)

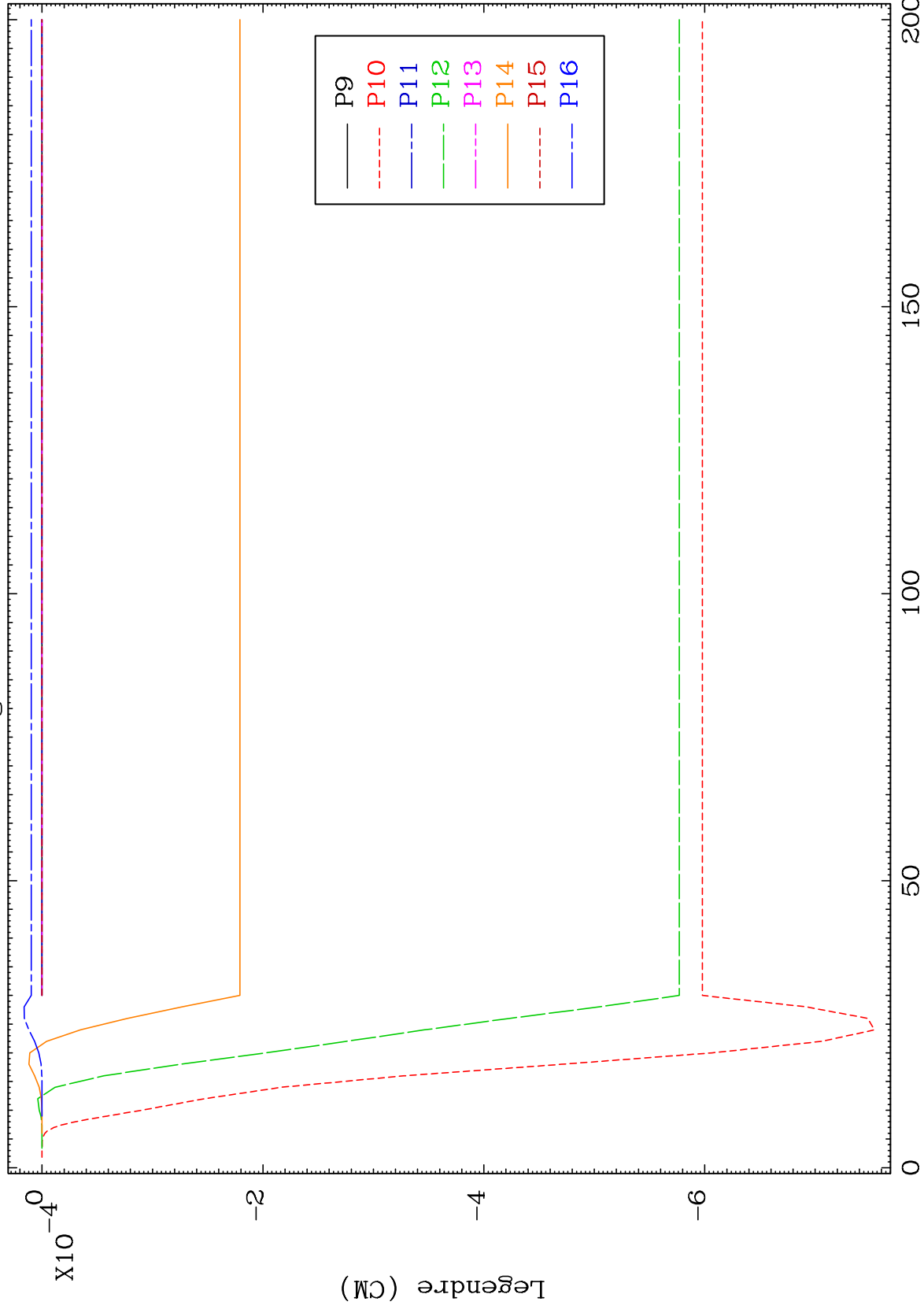
53-I -126



MAT 5322

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

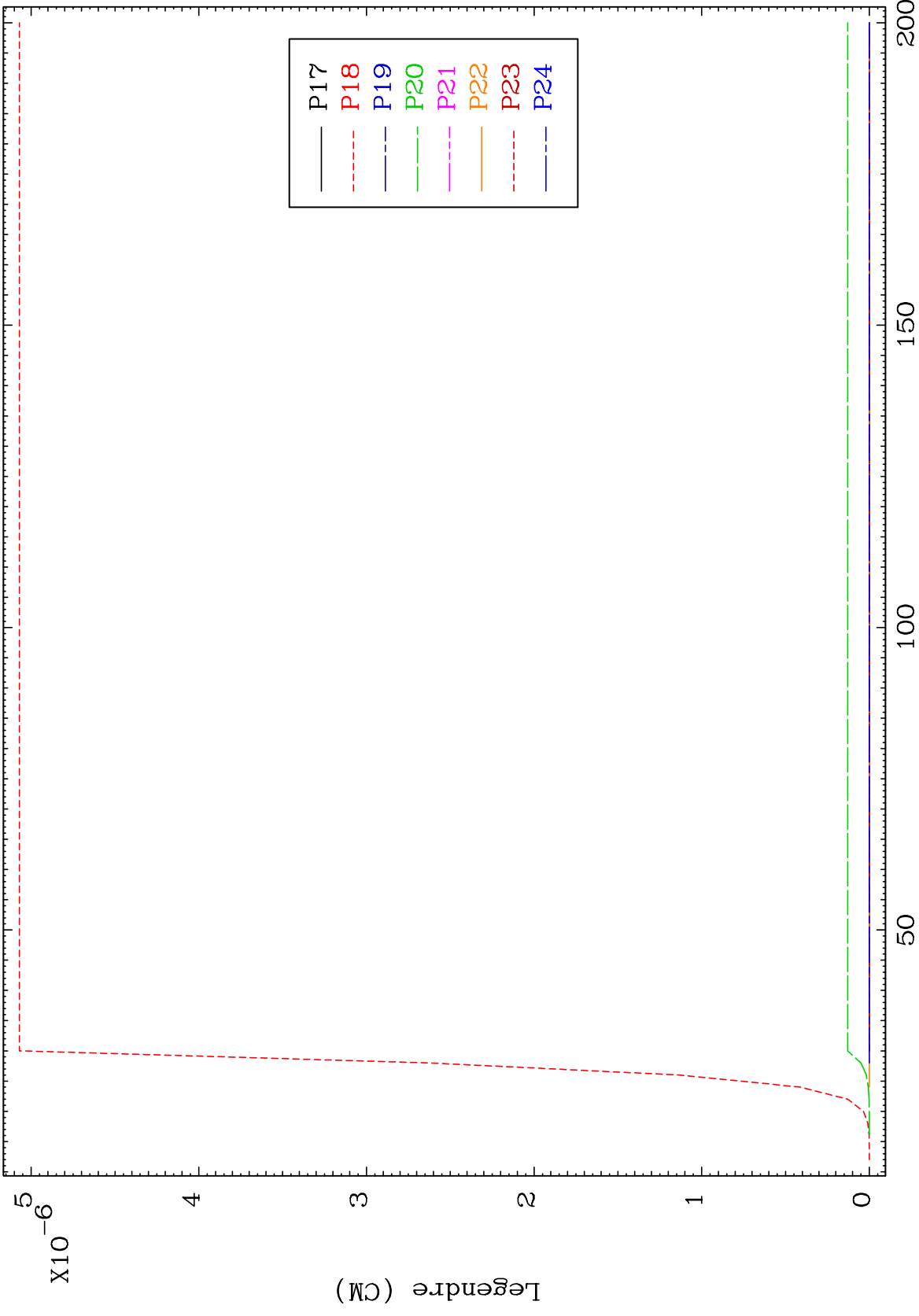
53-I -126

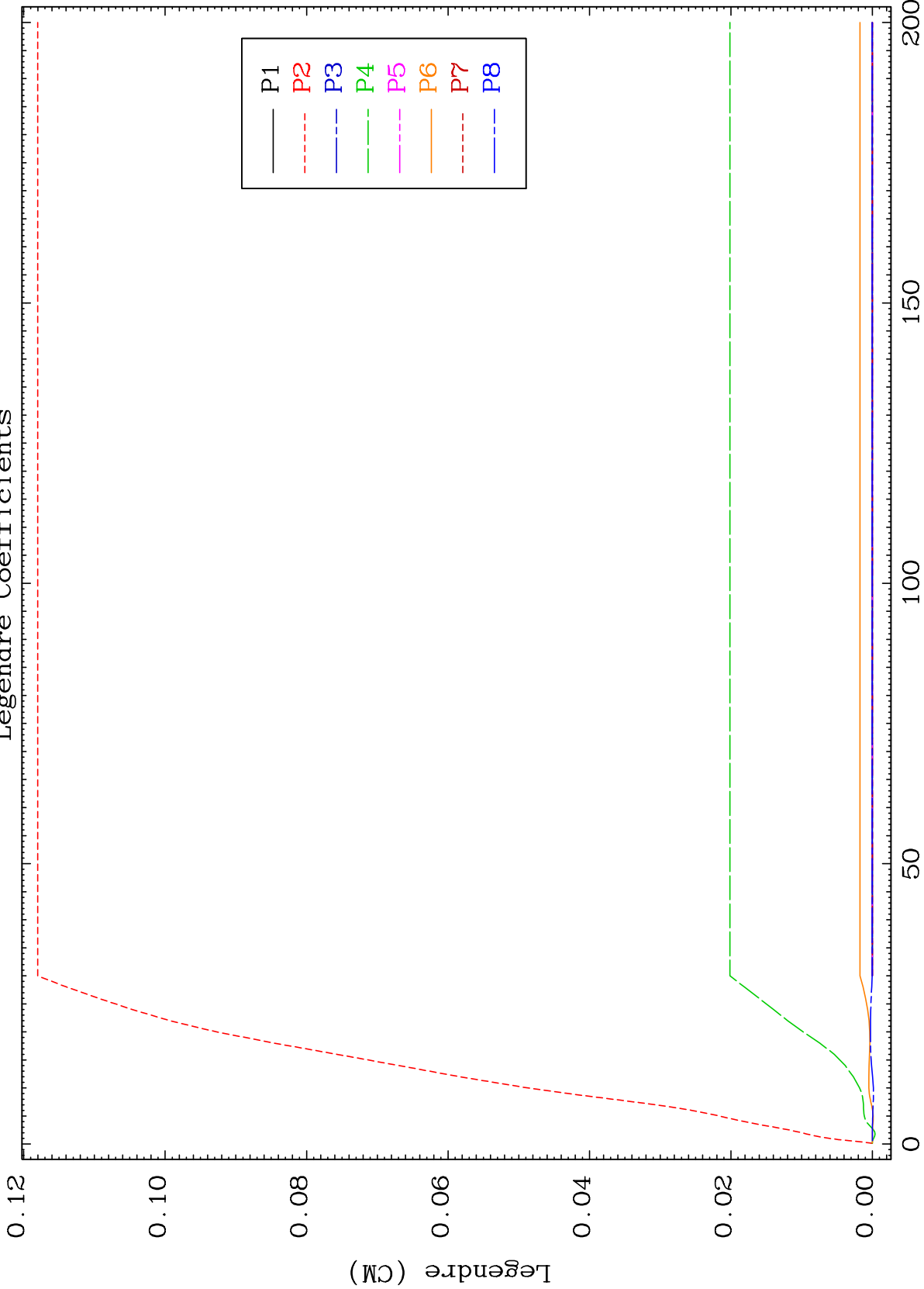


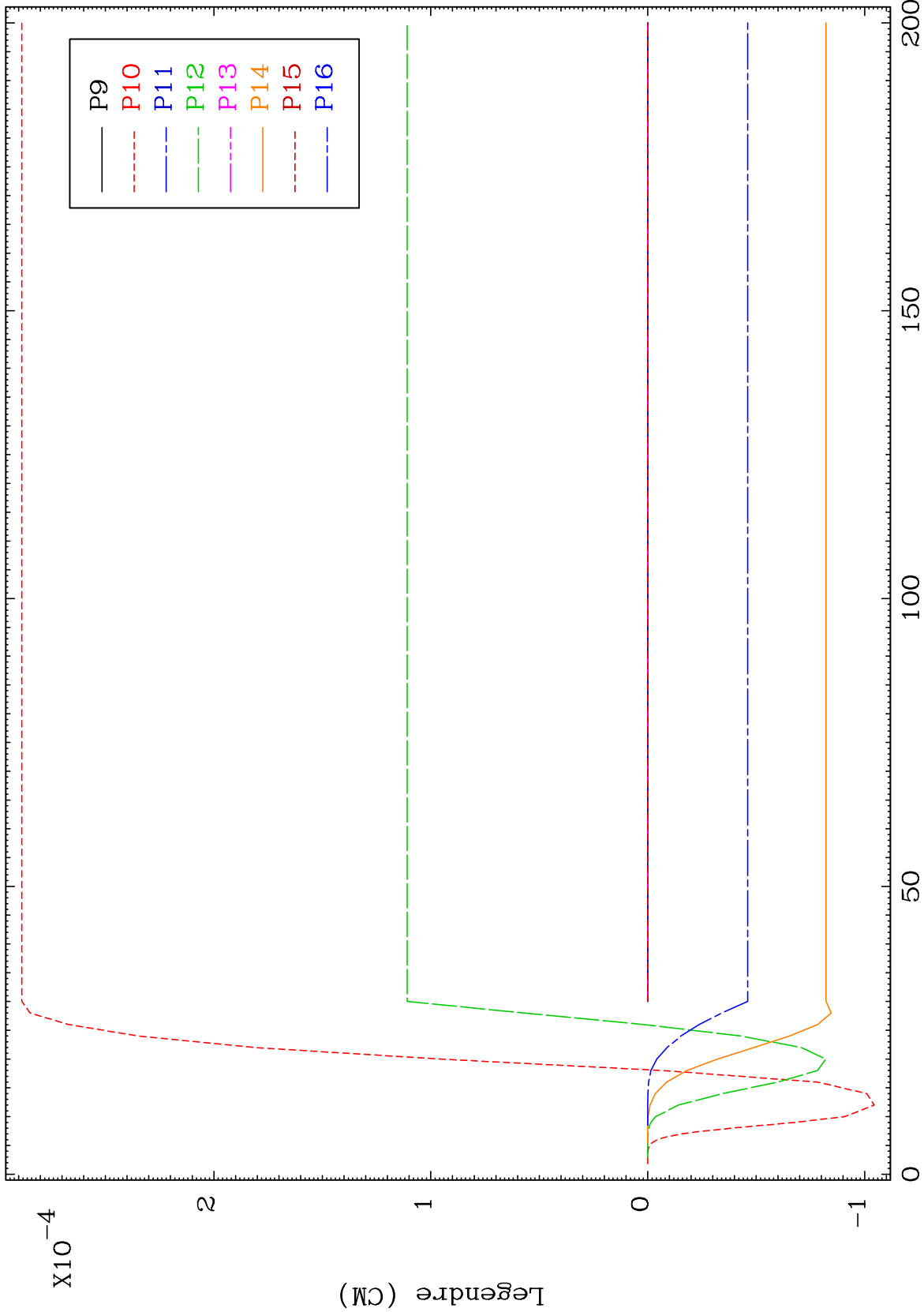
21

Incident Energy (MeV)

53-I -126



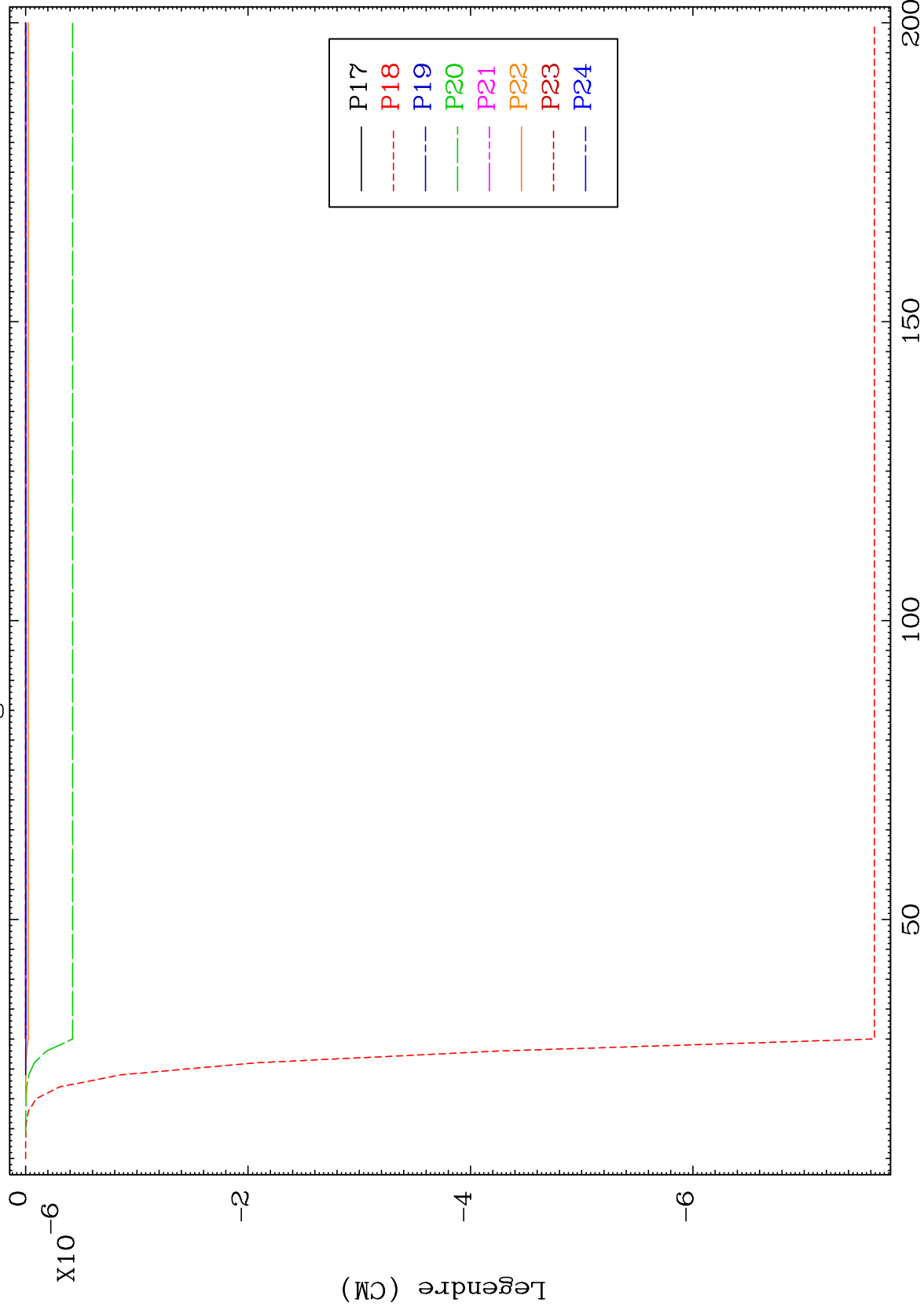




MAT 5322

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

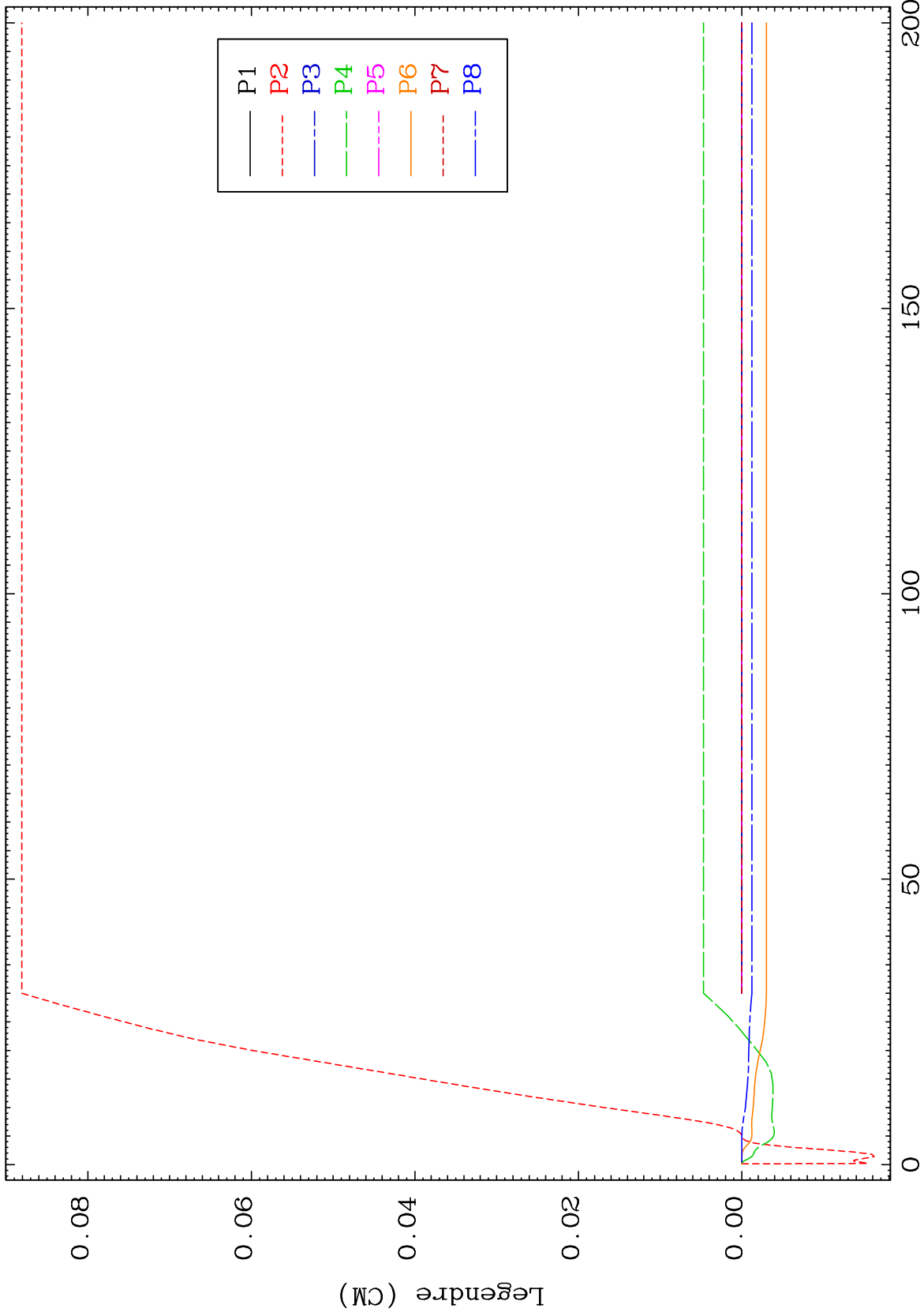
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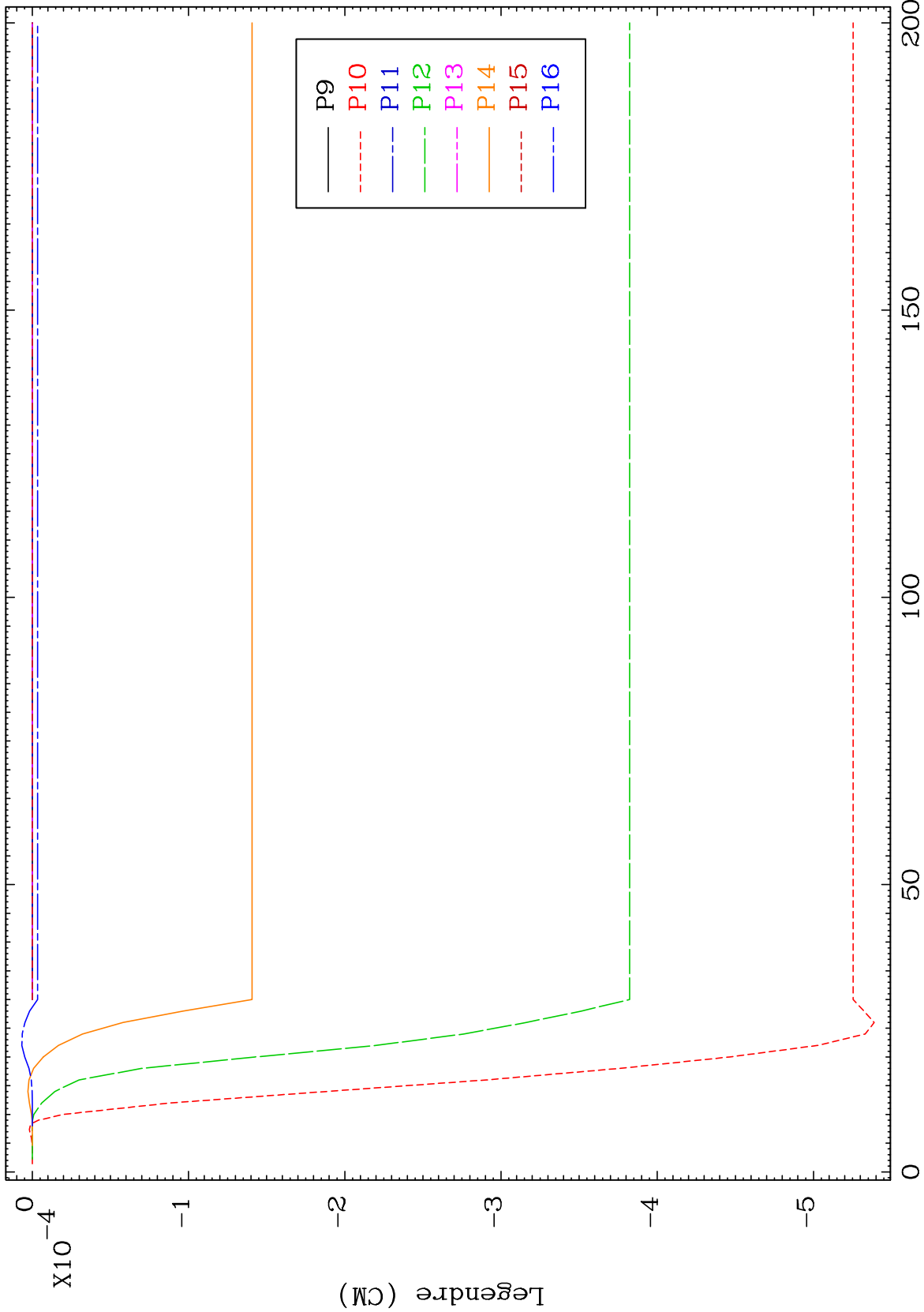


25

Incident Energy (MeV)

53-I -126

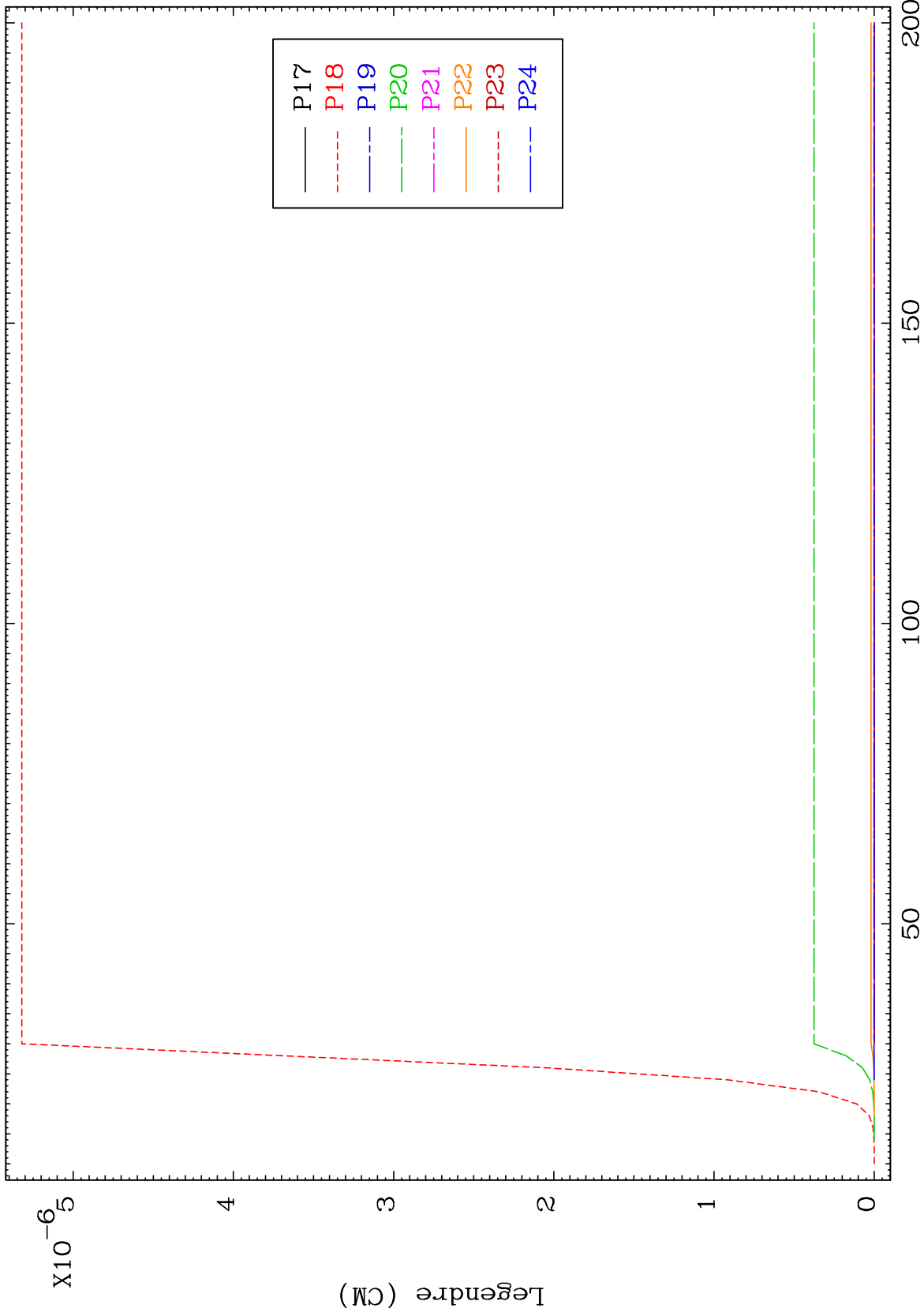




MAT 5322

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

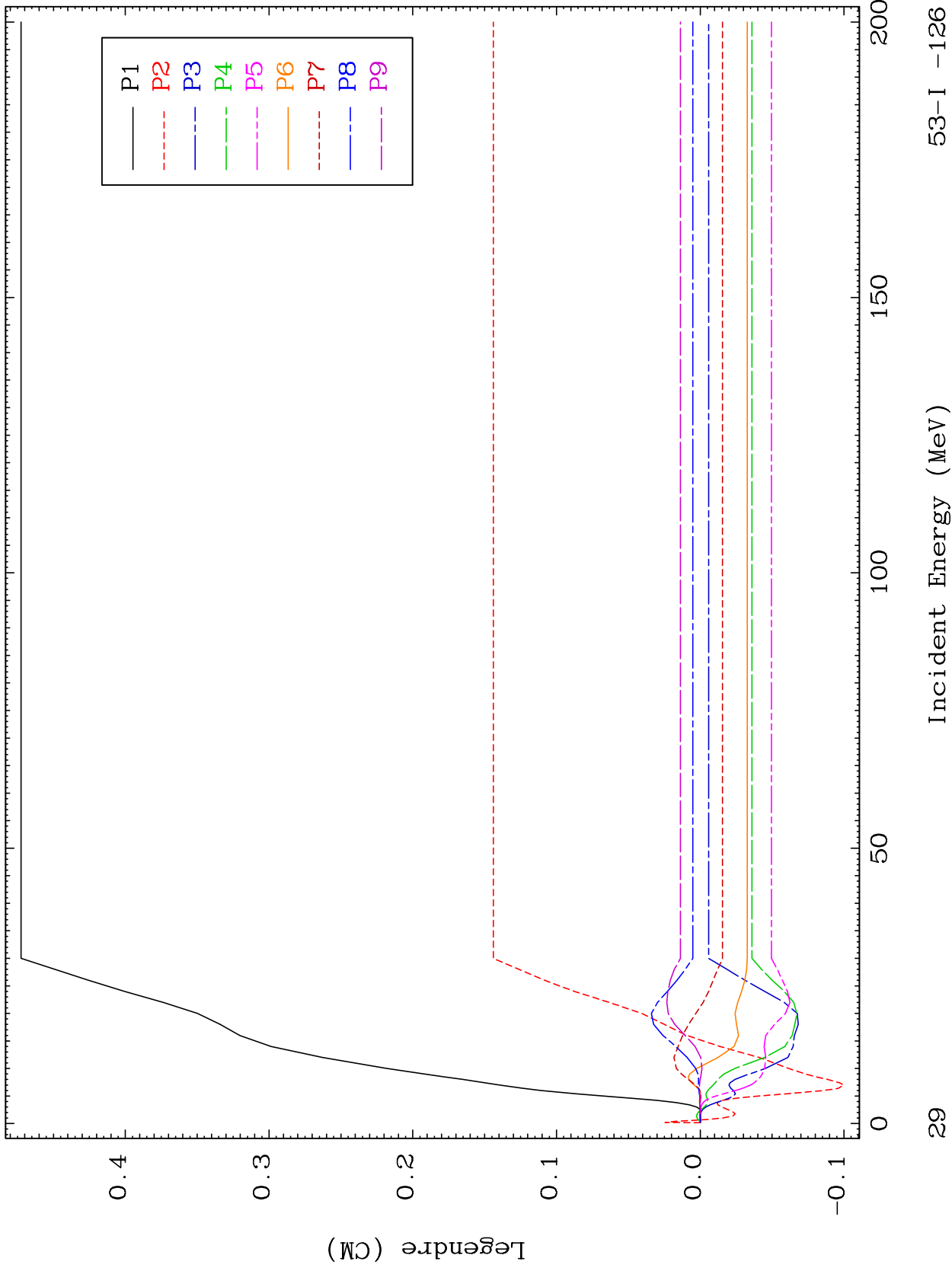
53-I -126

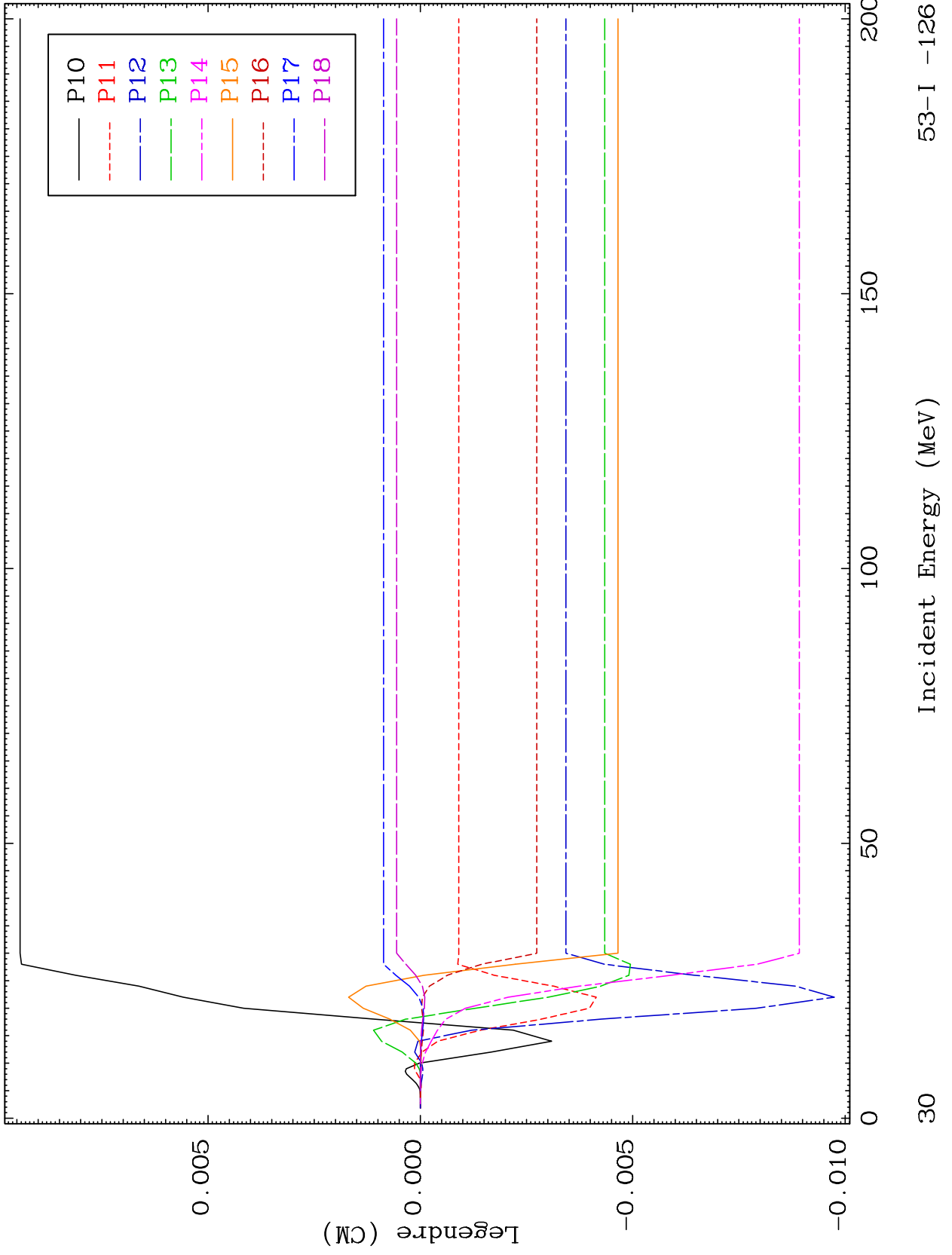


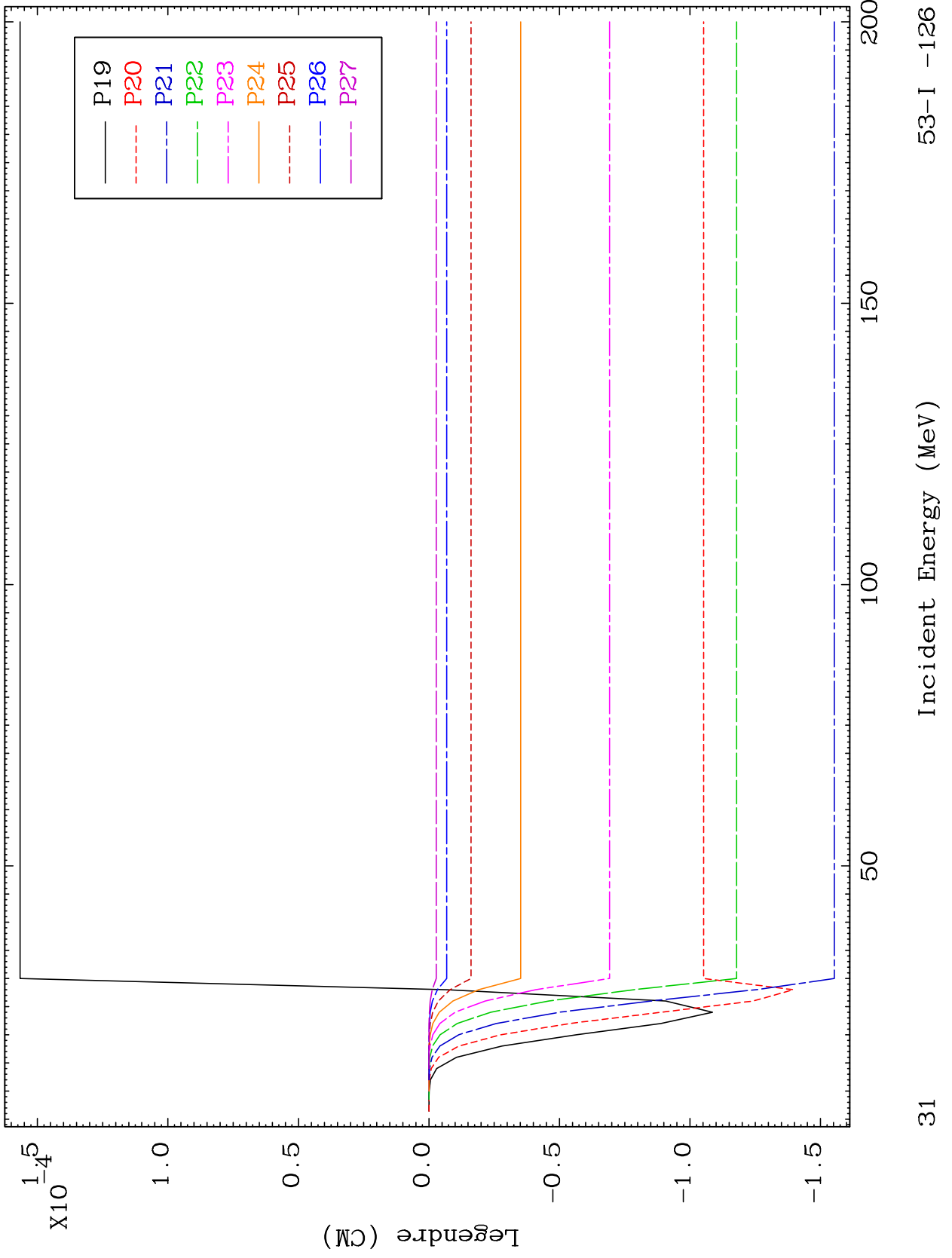
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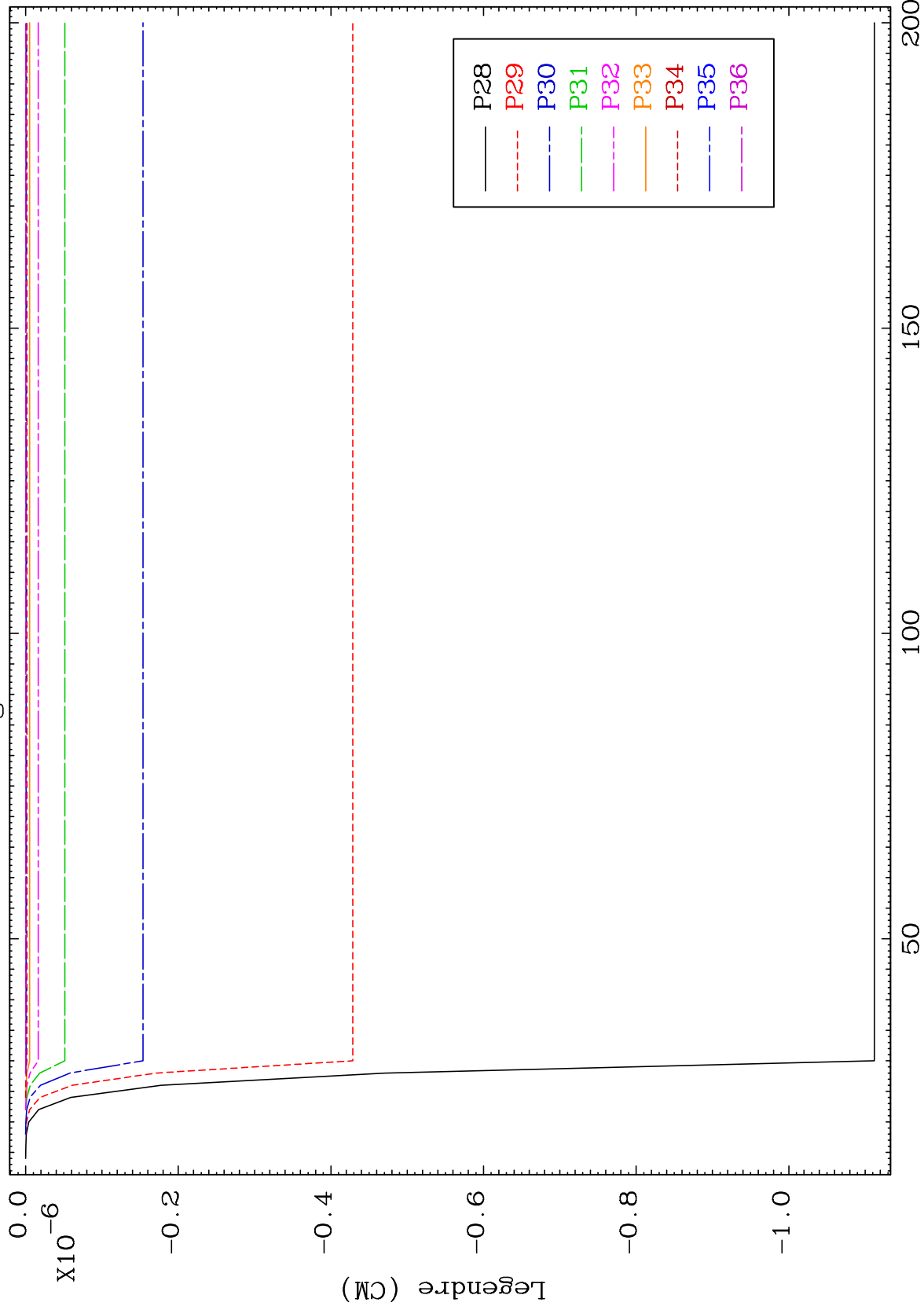
Incident Energy (MeV)

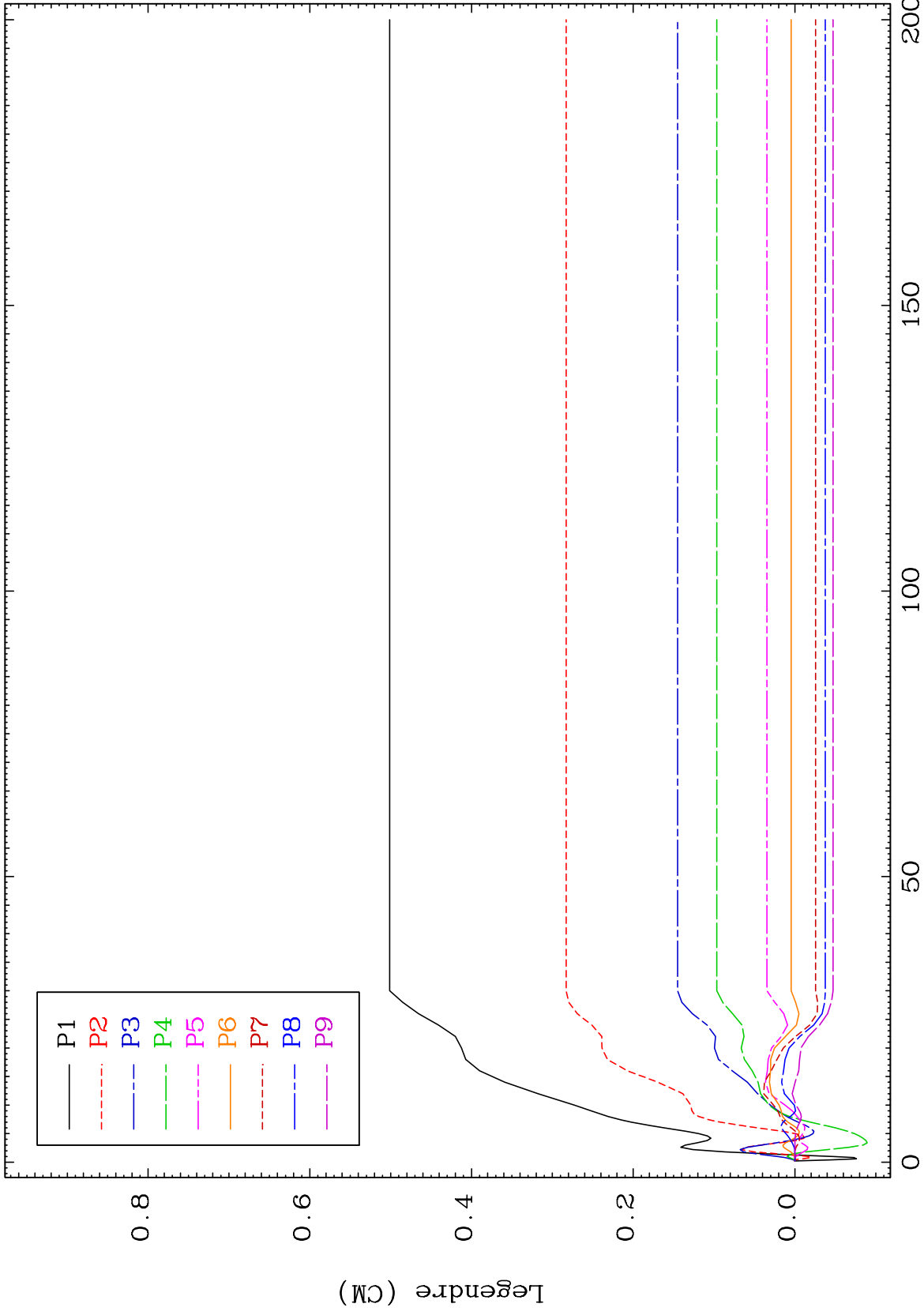
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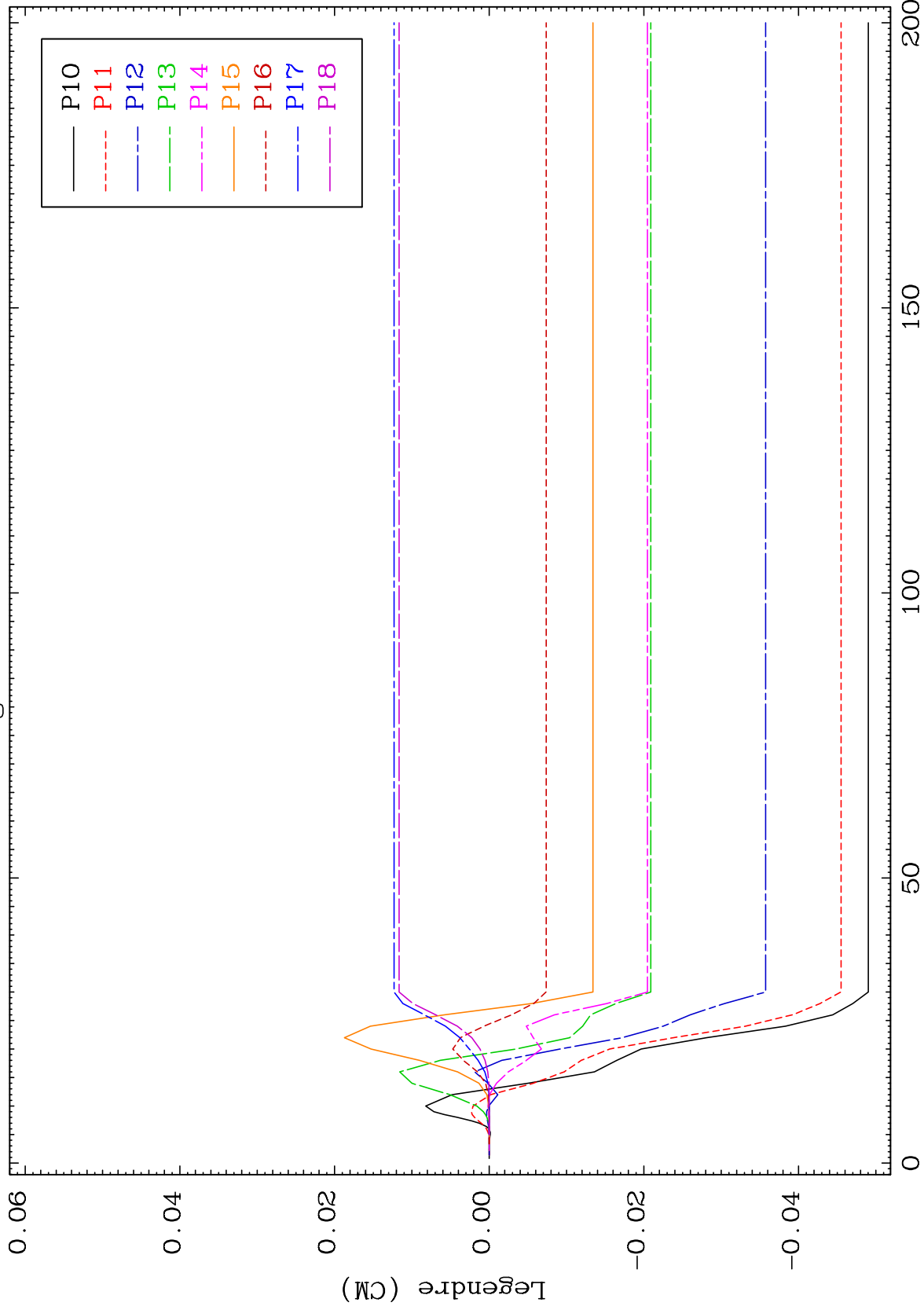


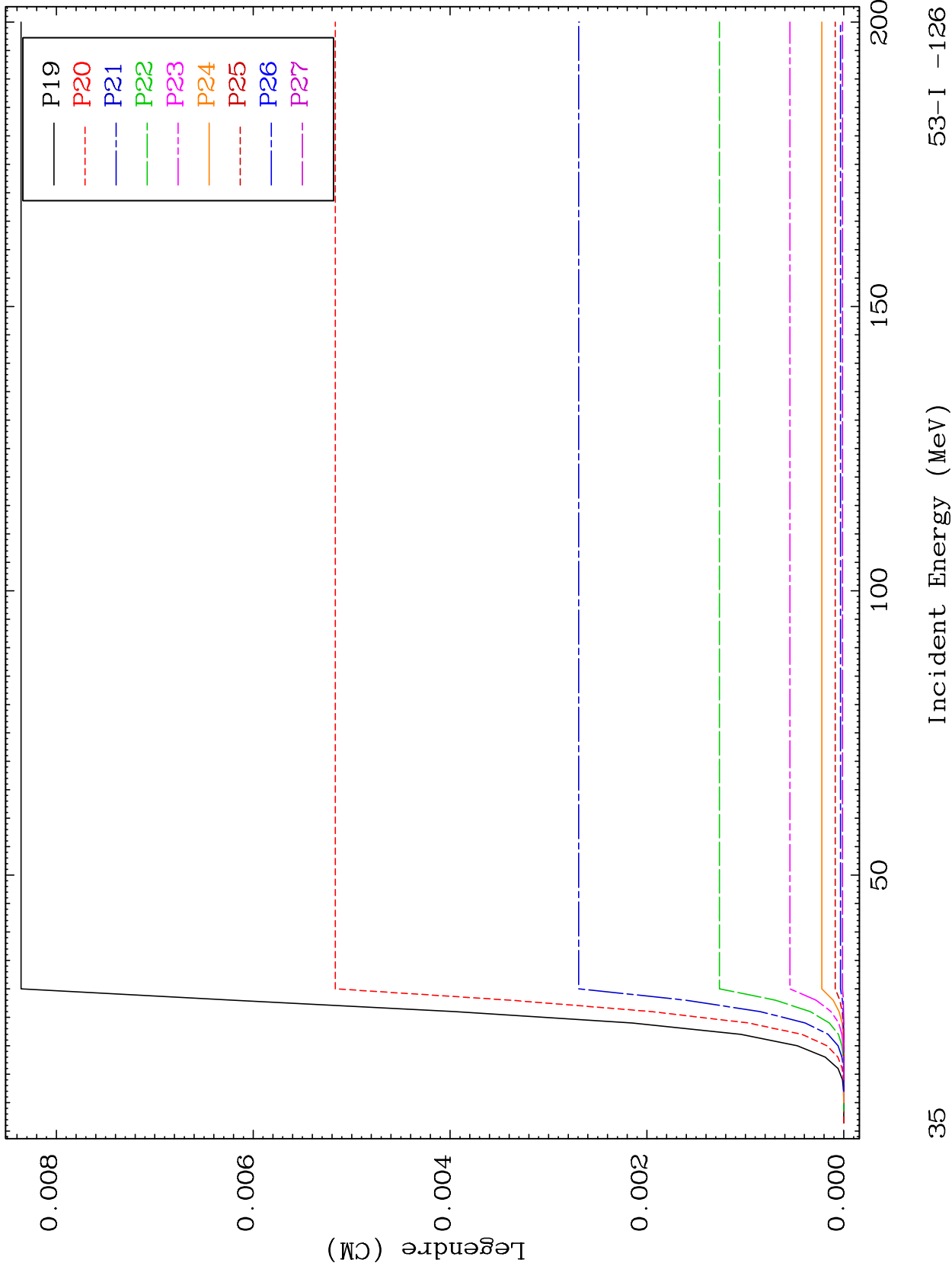


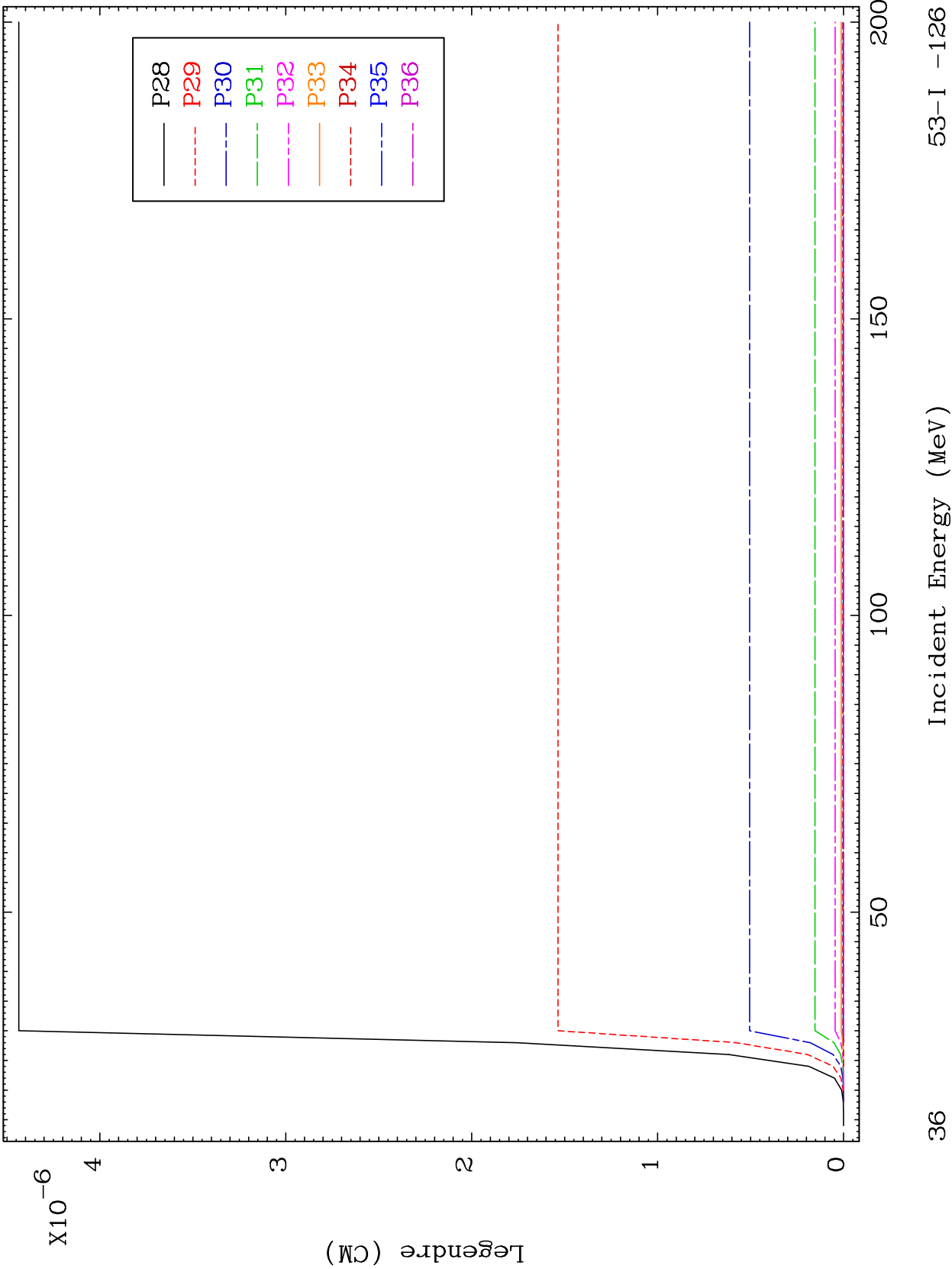


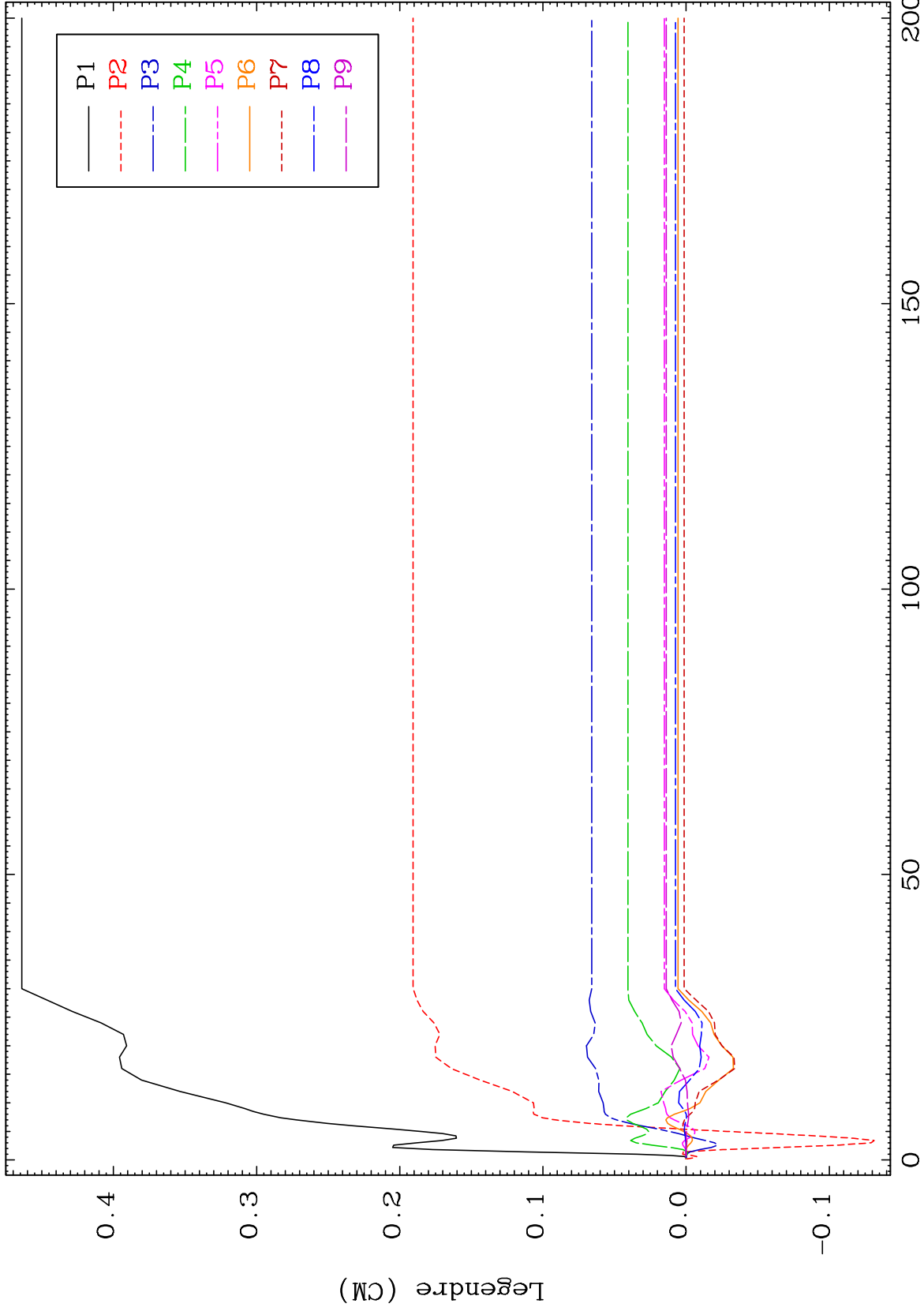


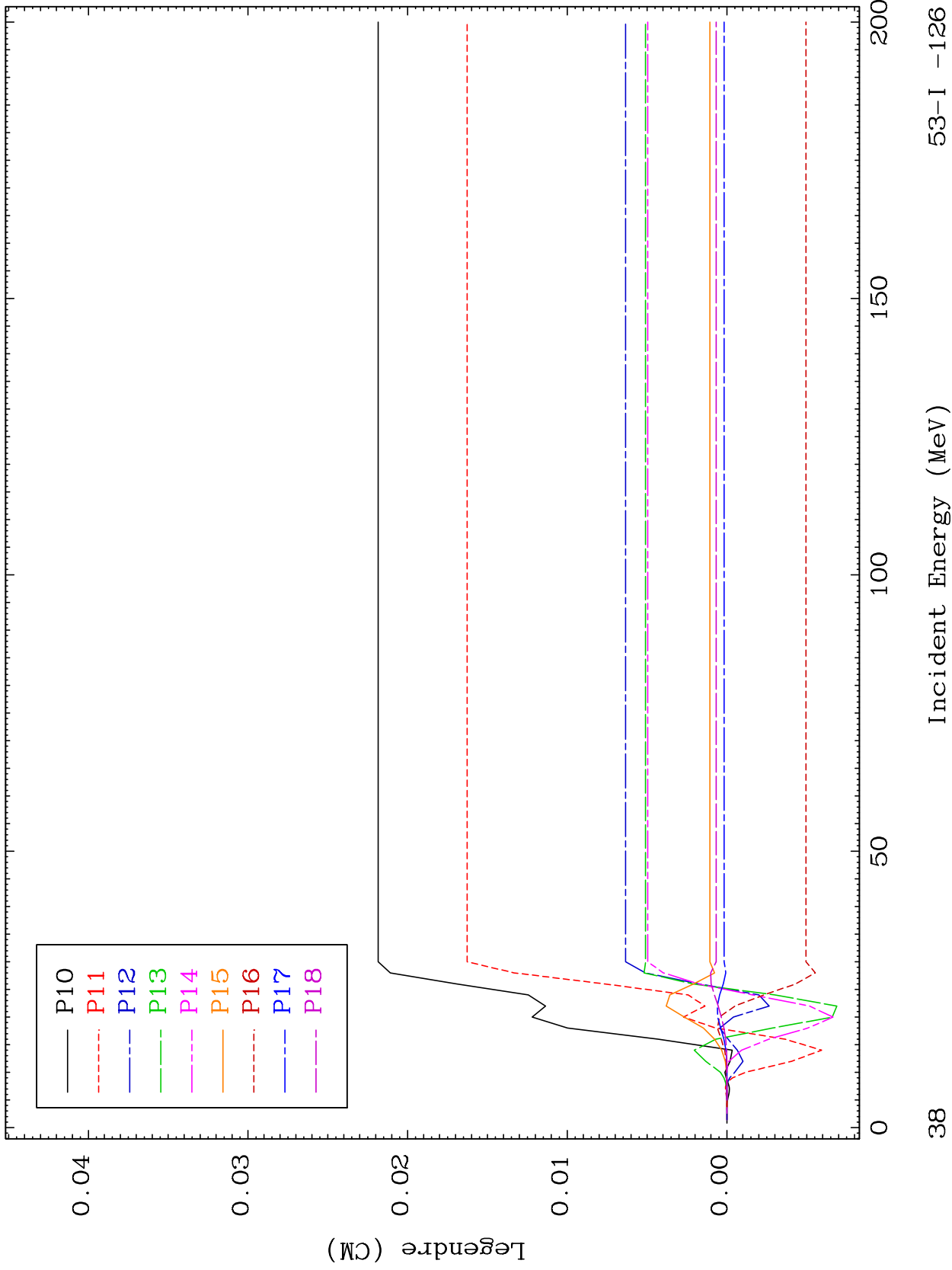


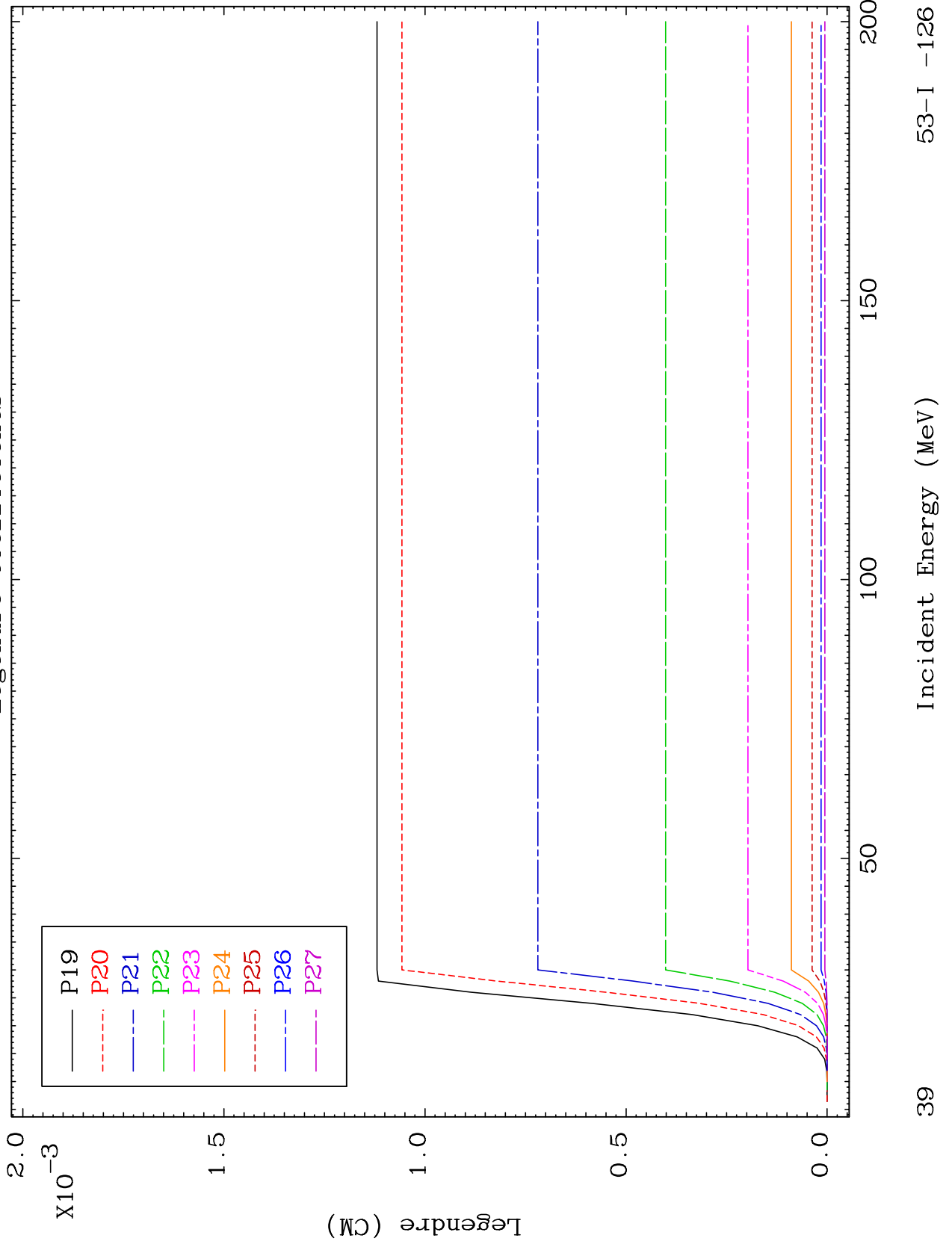


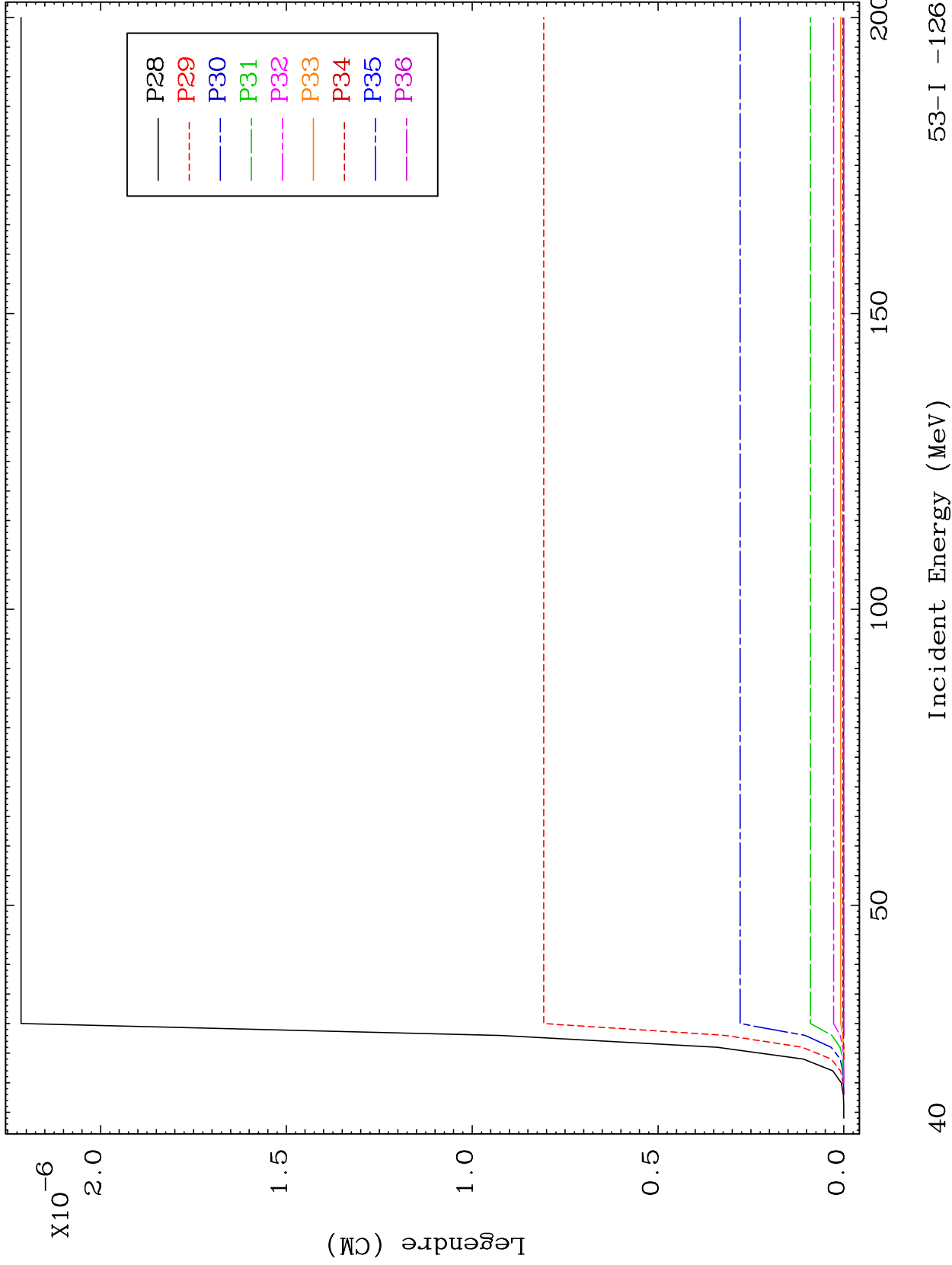


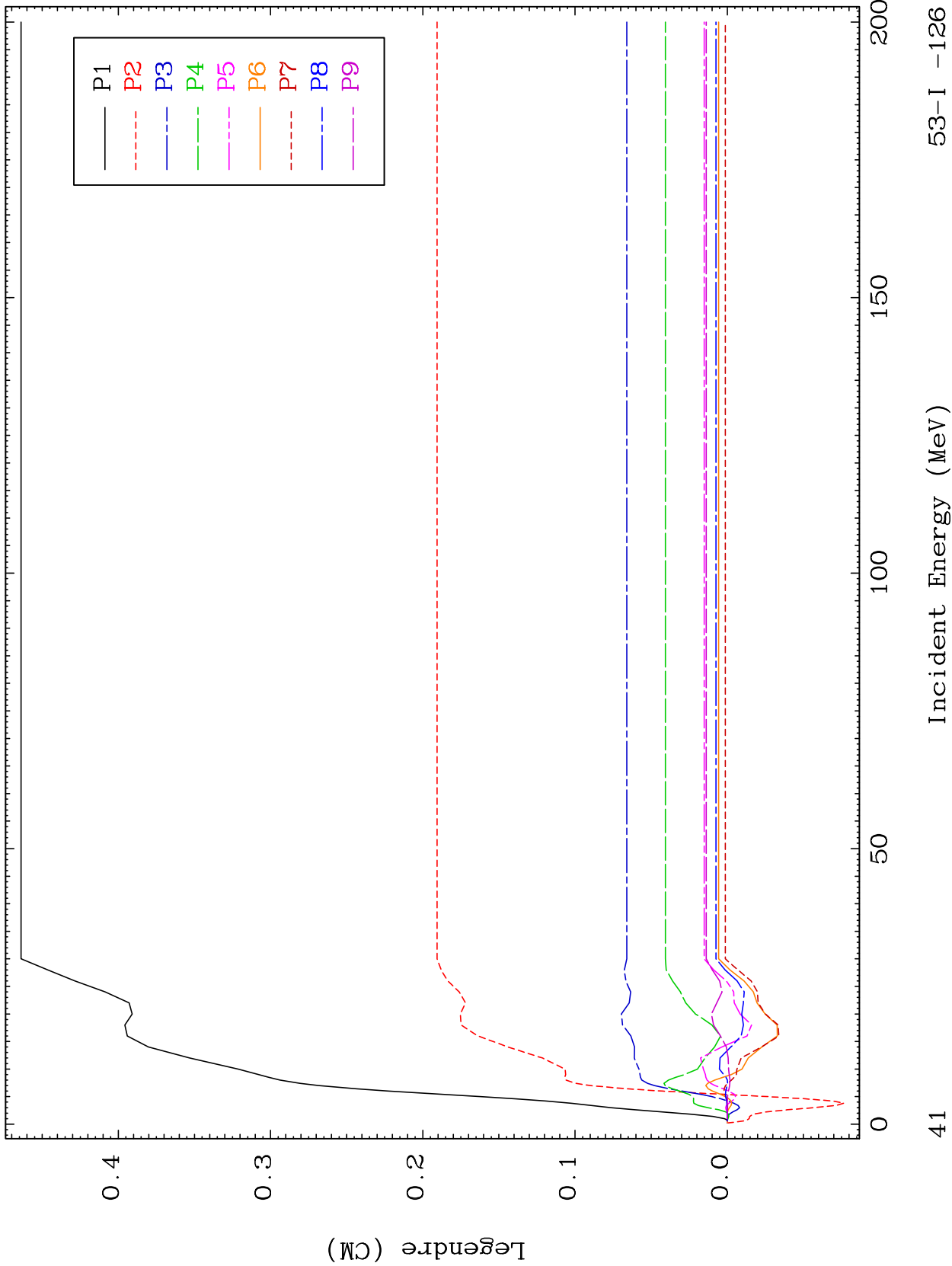


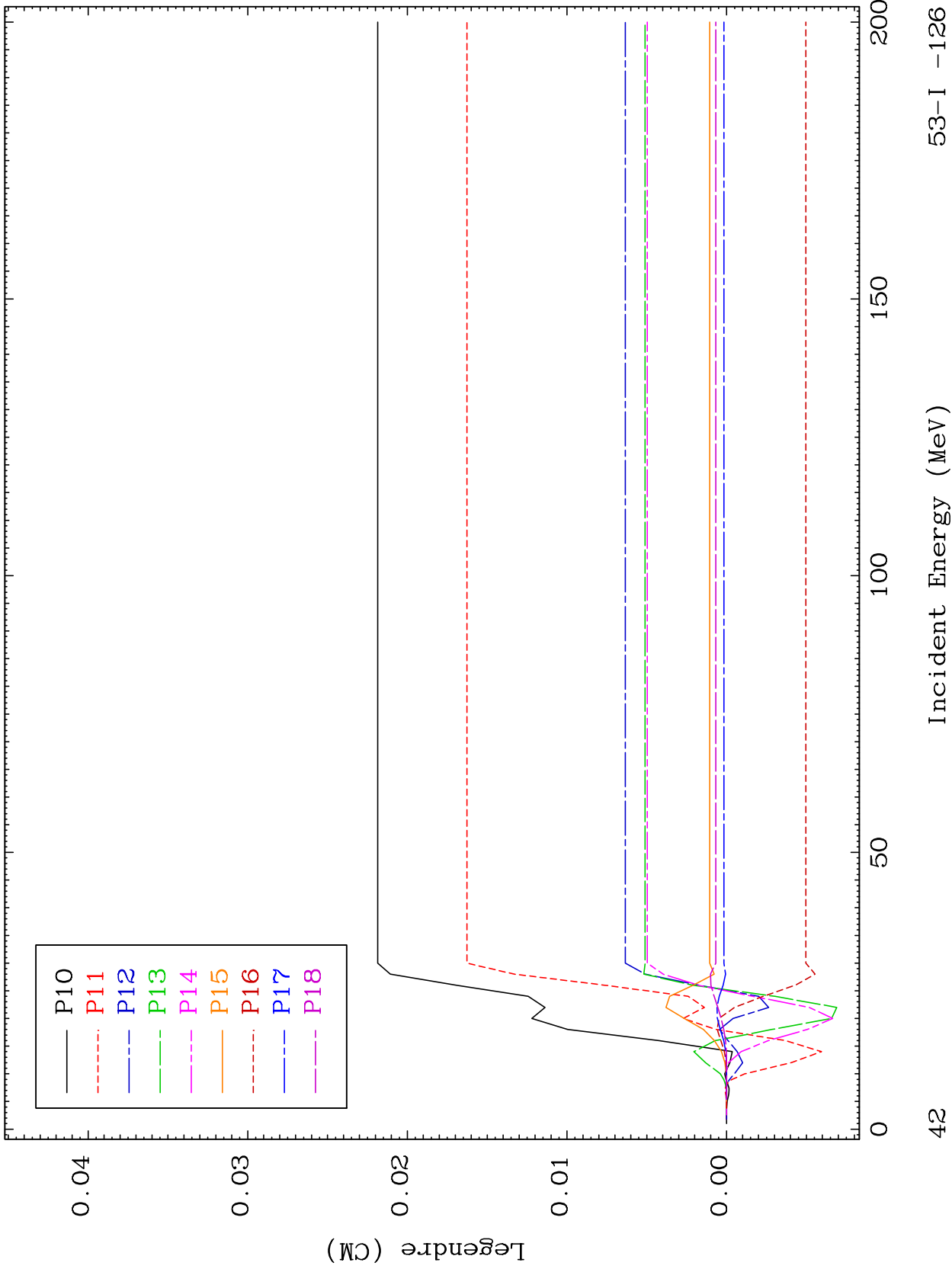


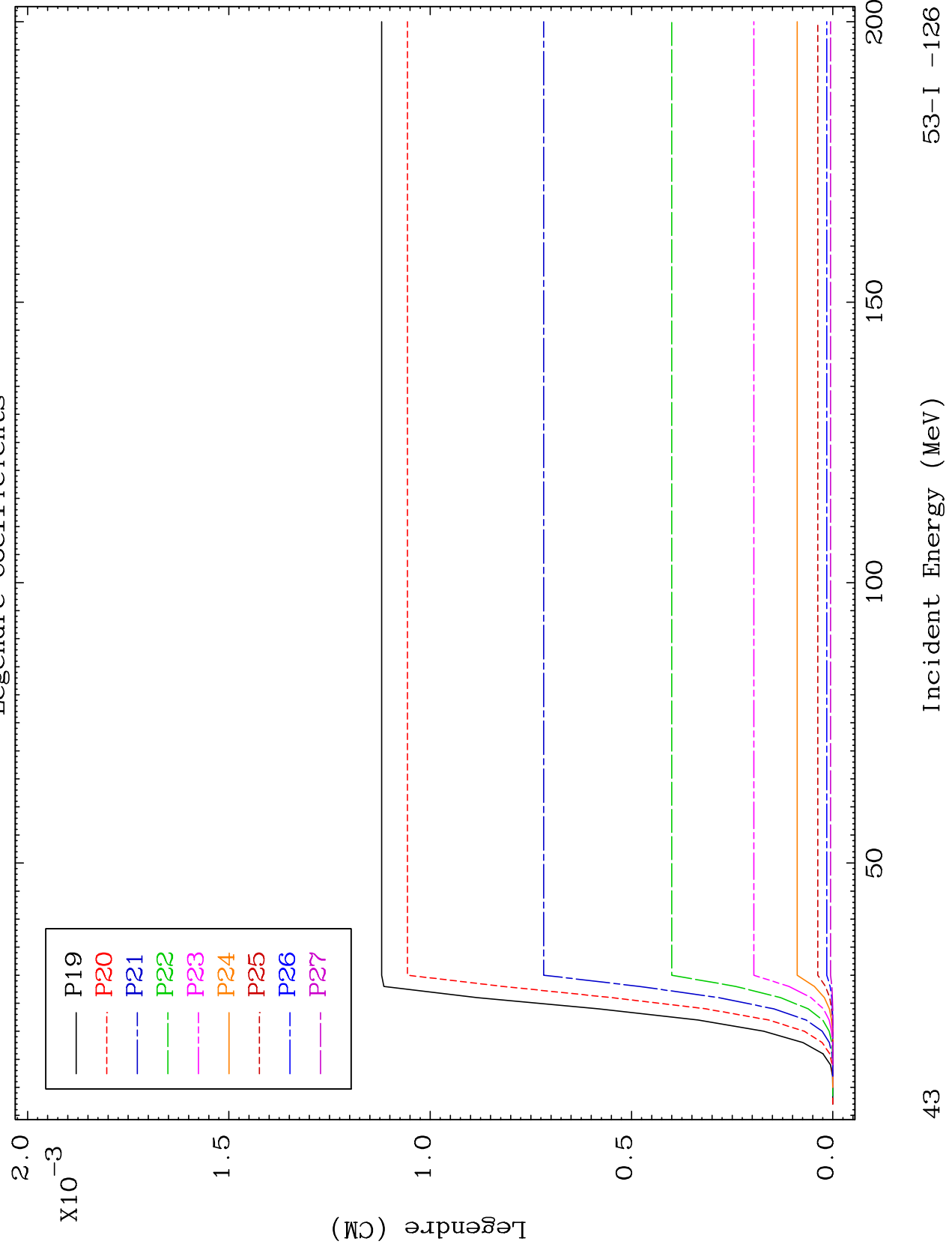


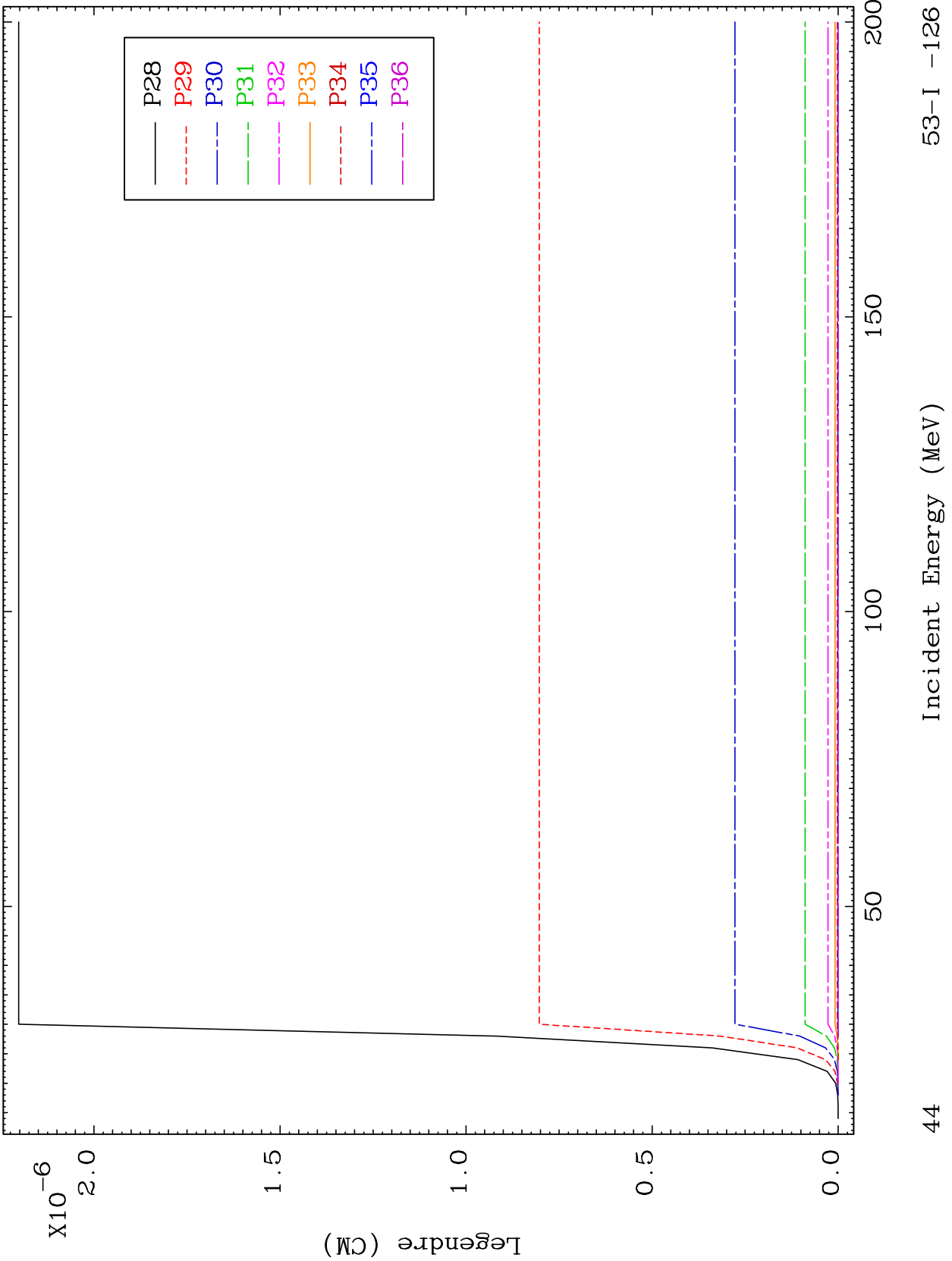


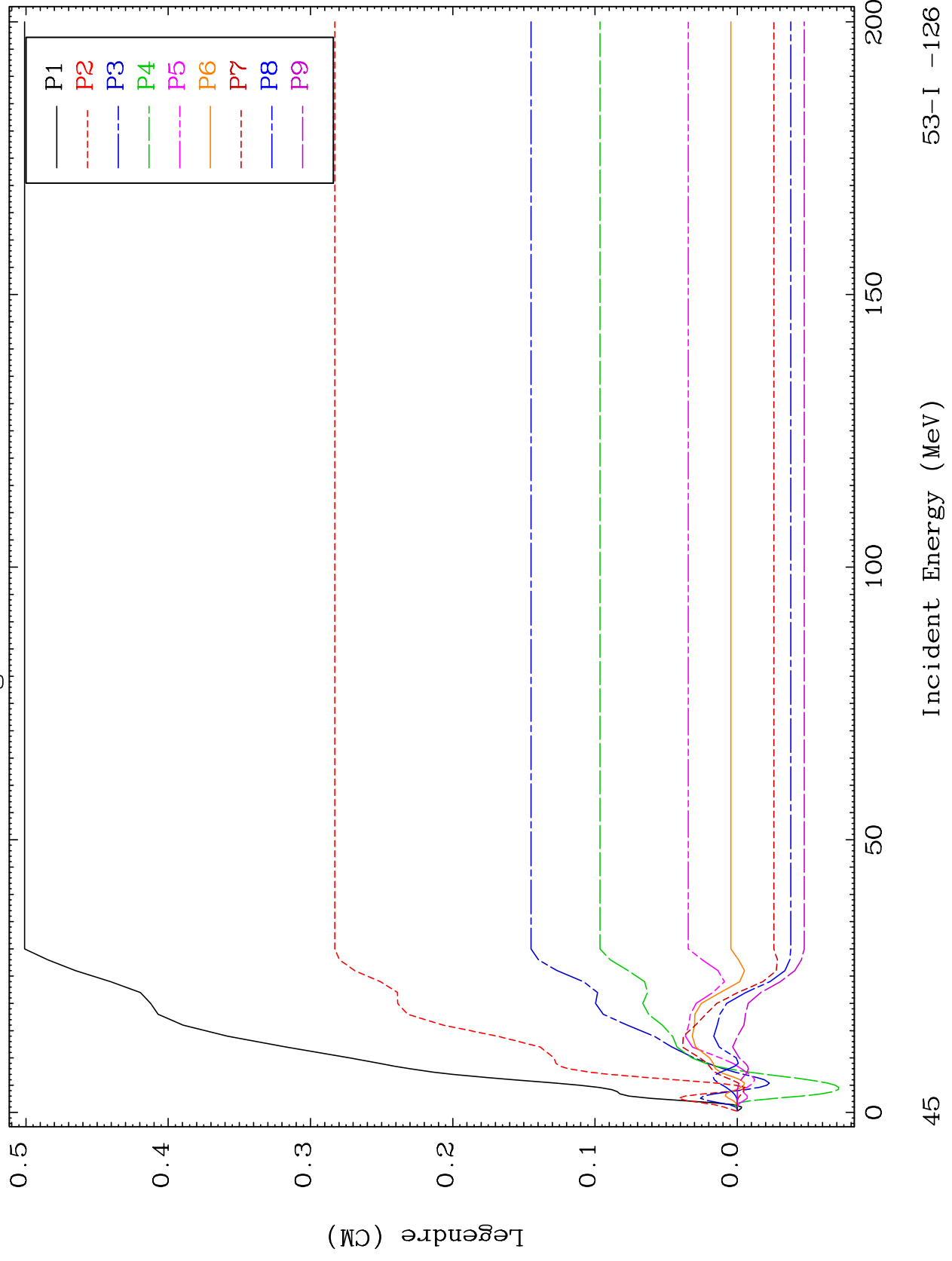


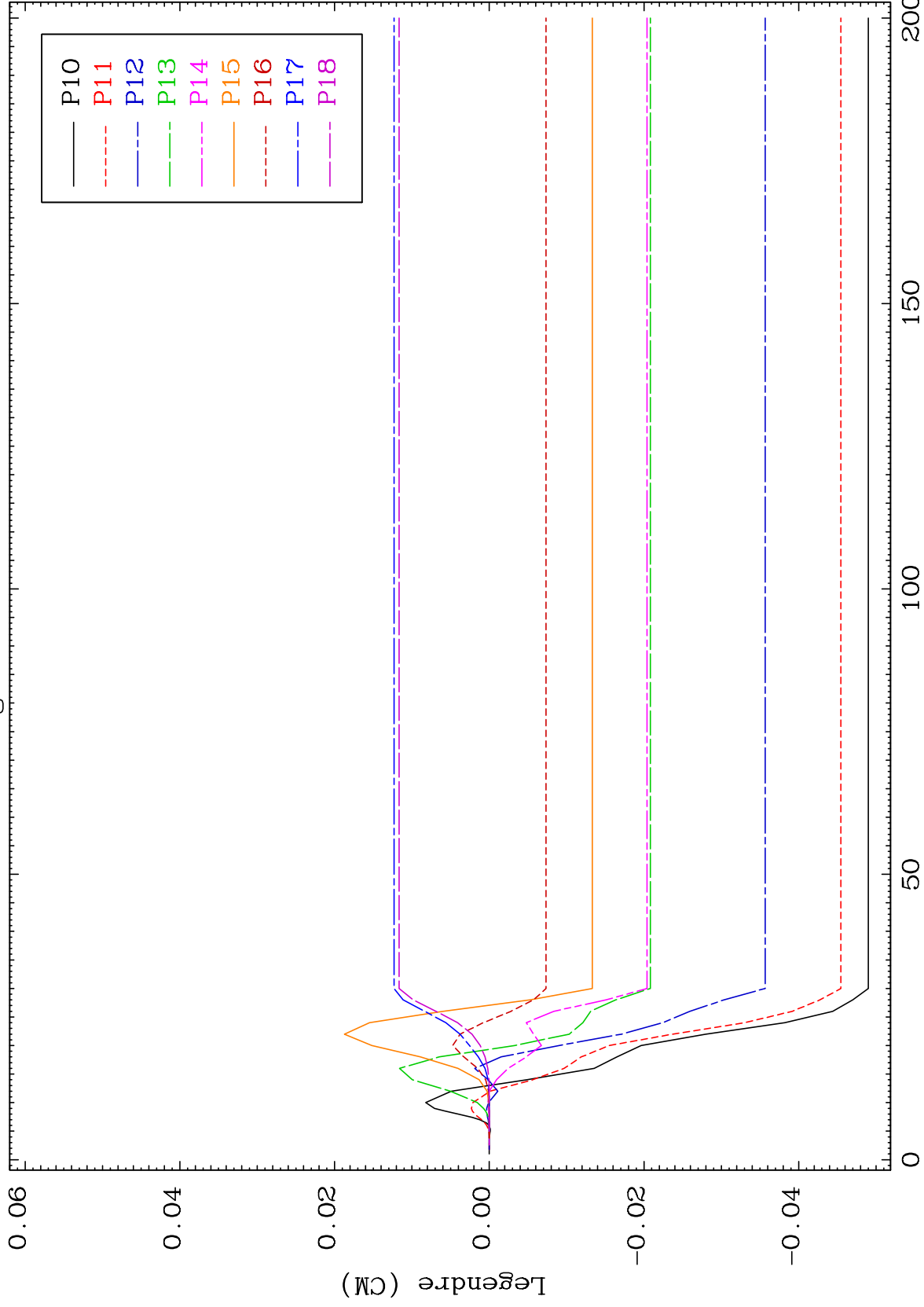


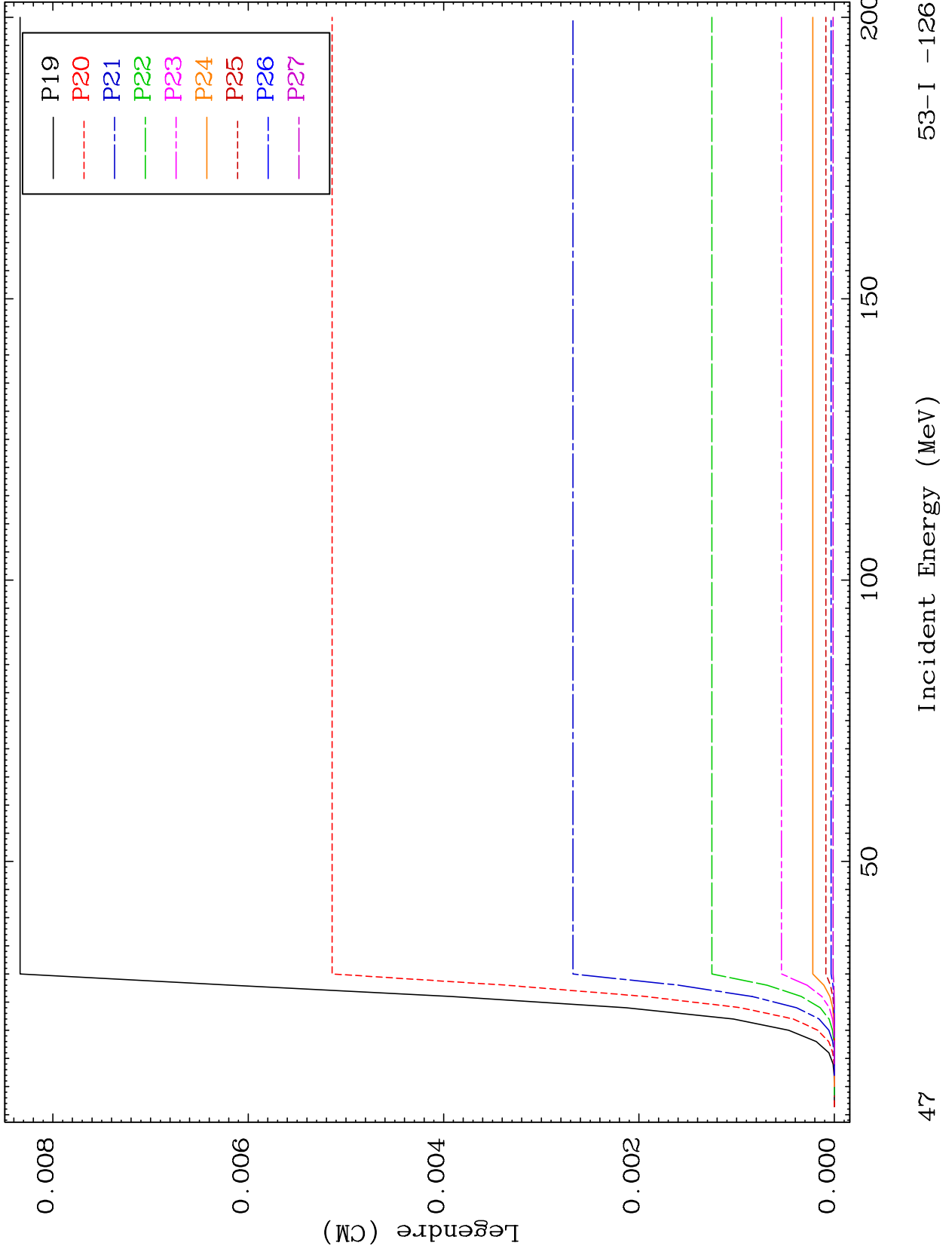


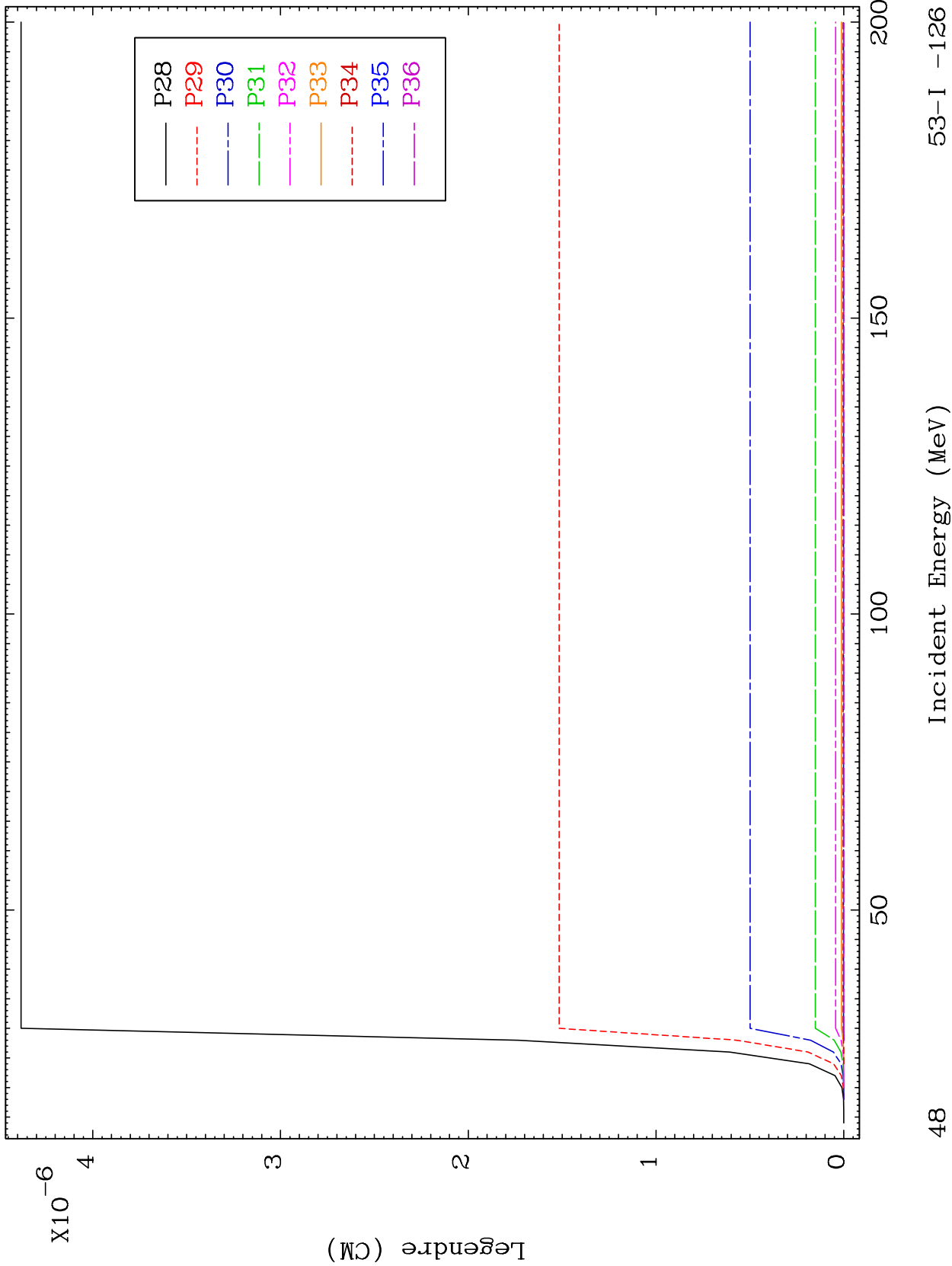


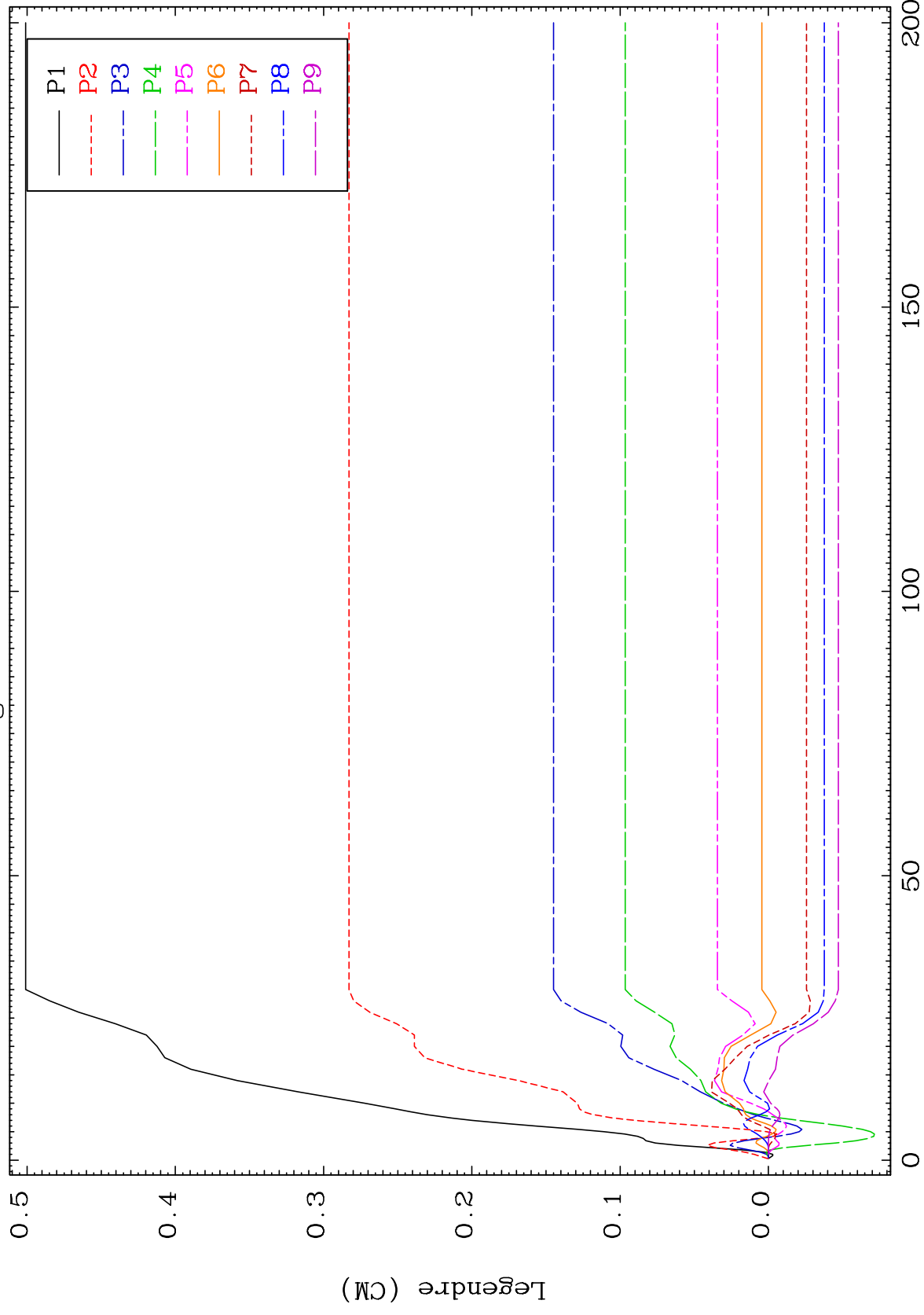








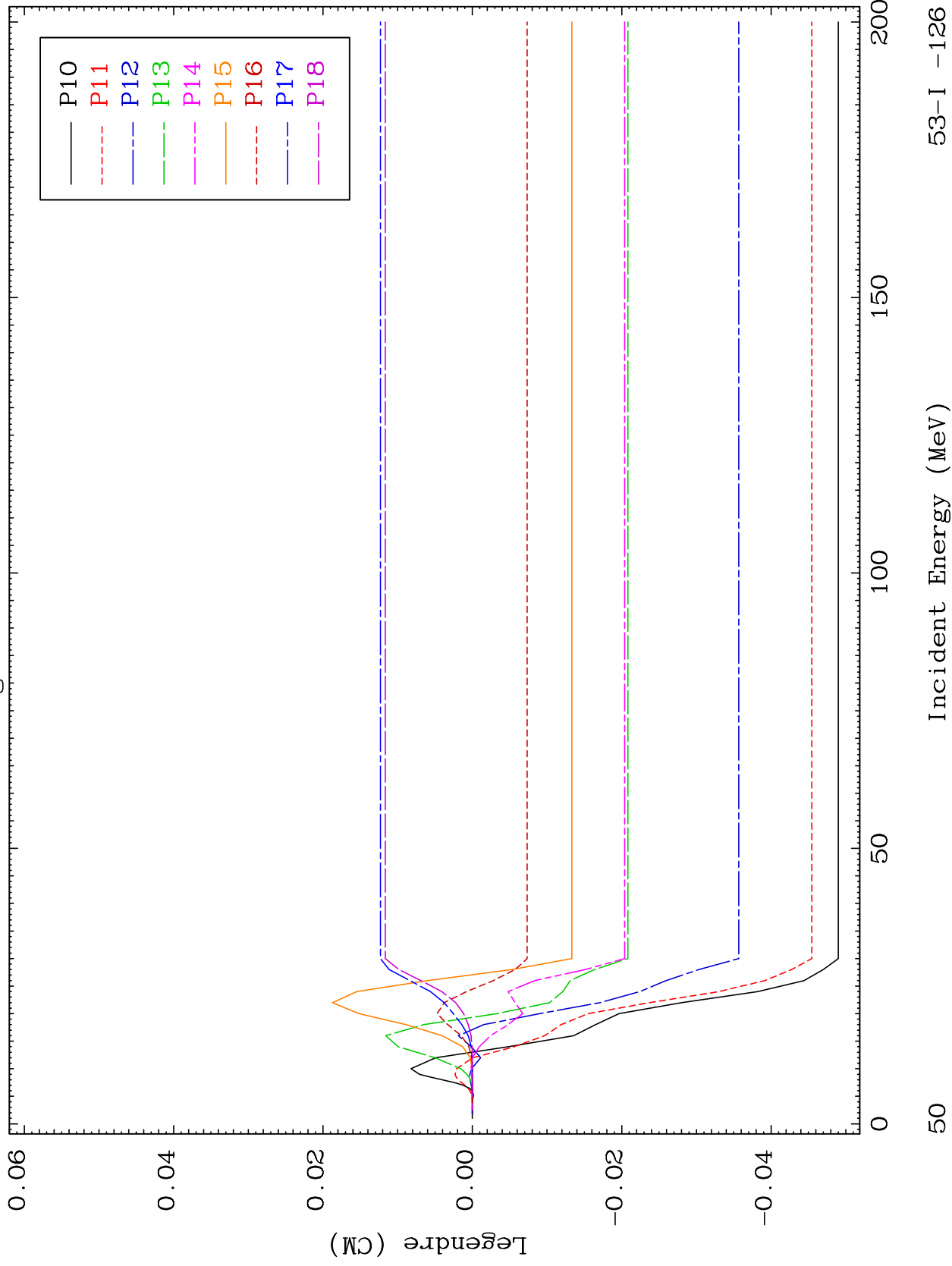




MAT 5322

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

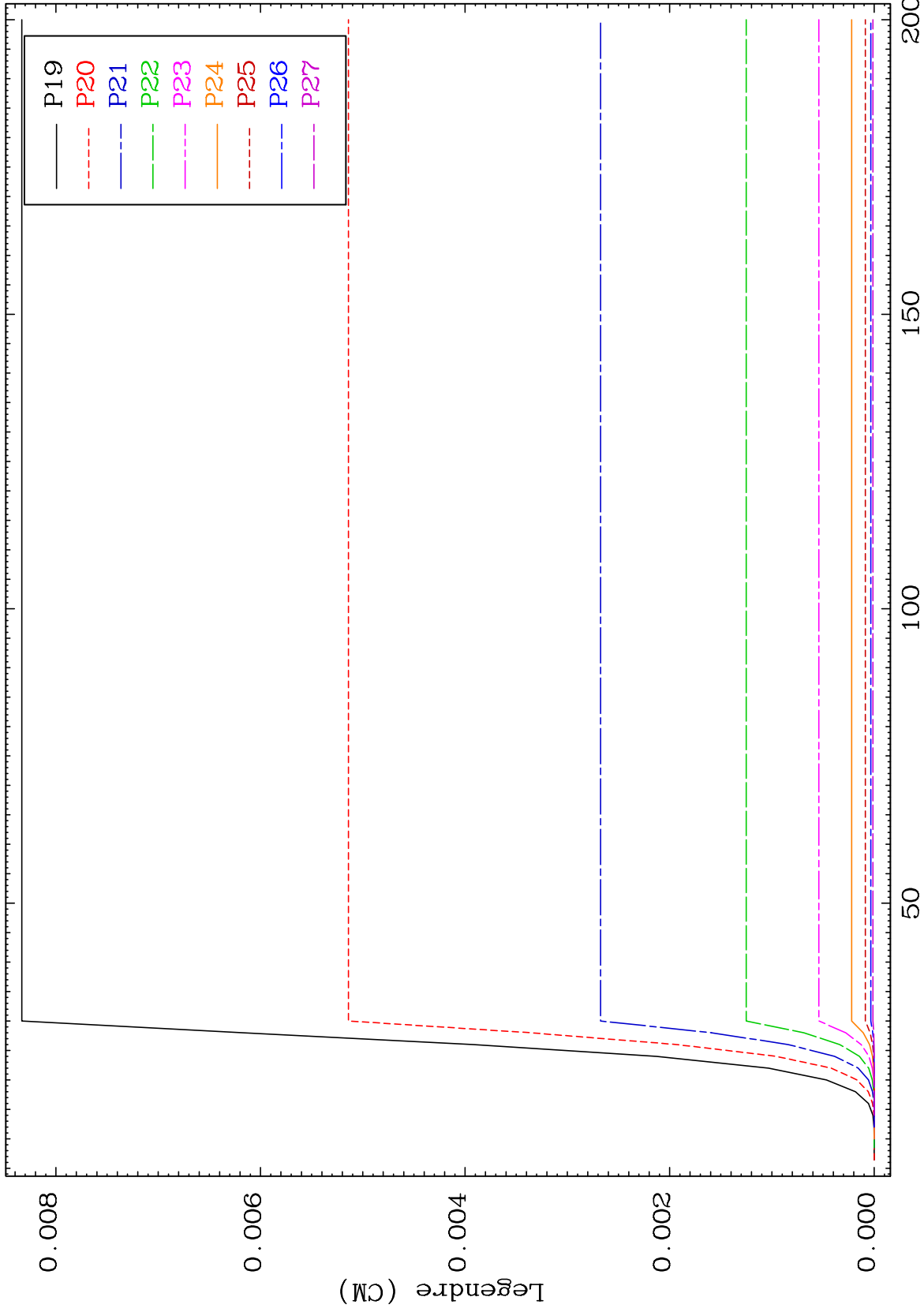
53-I -126

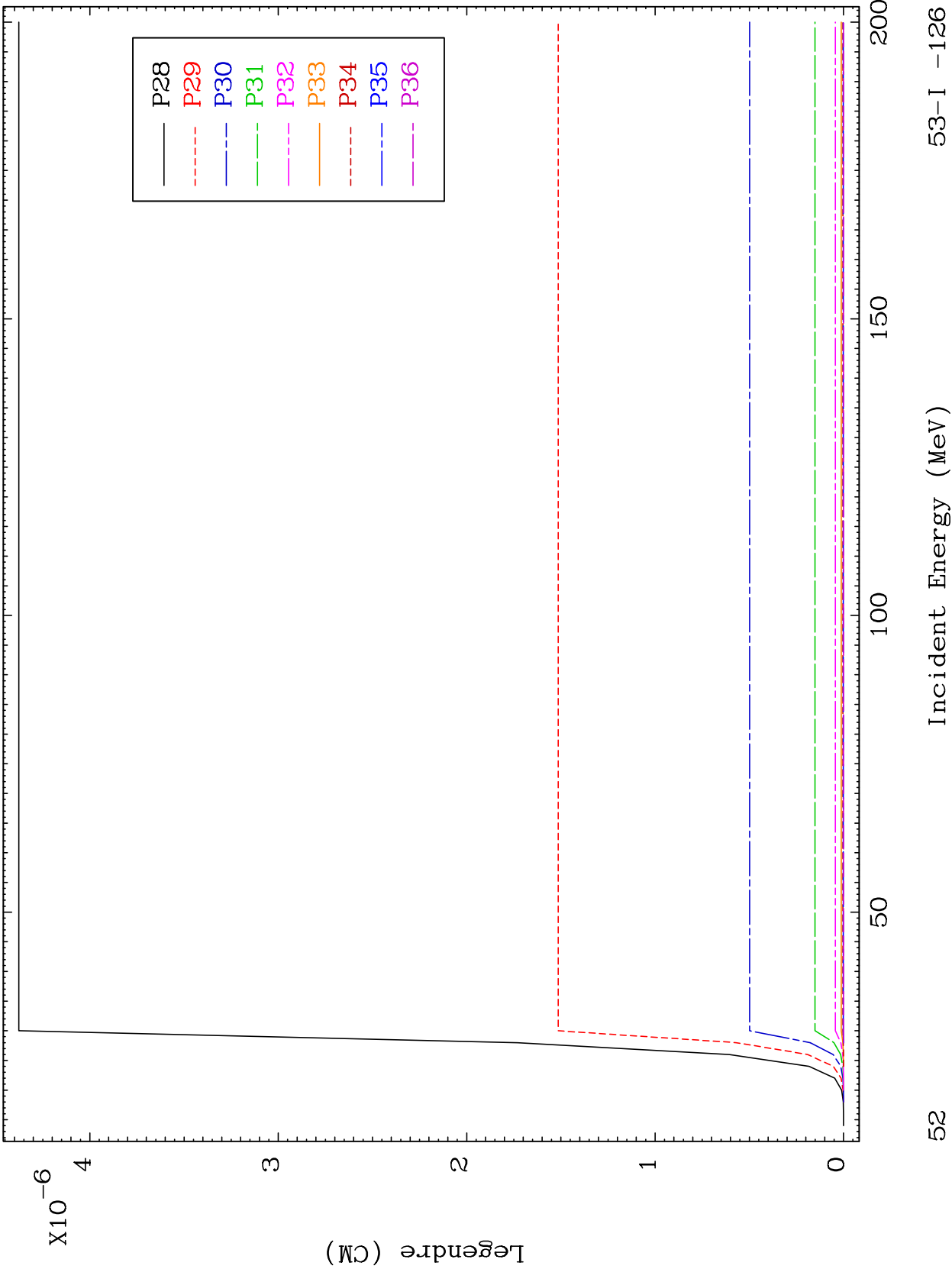


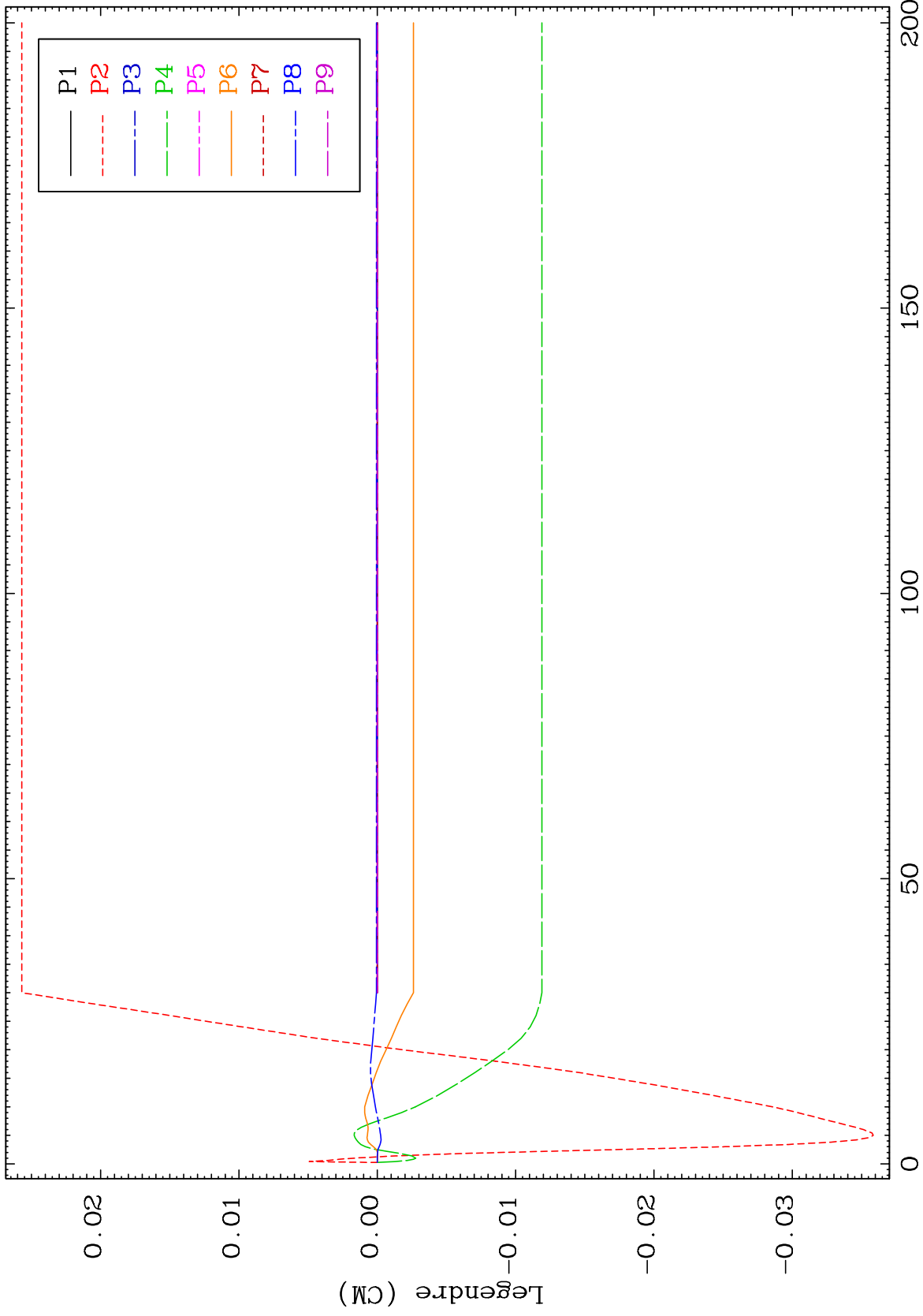
53-I -126

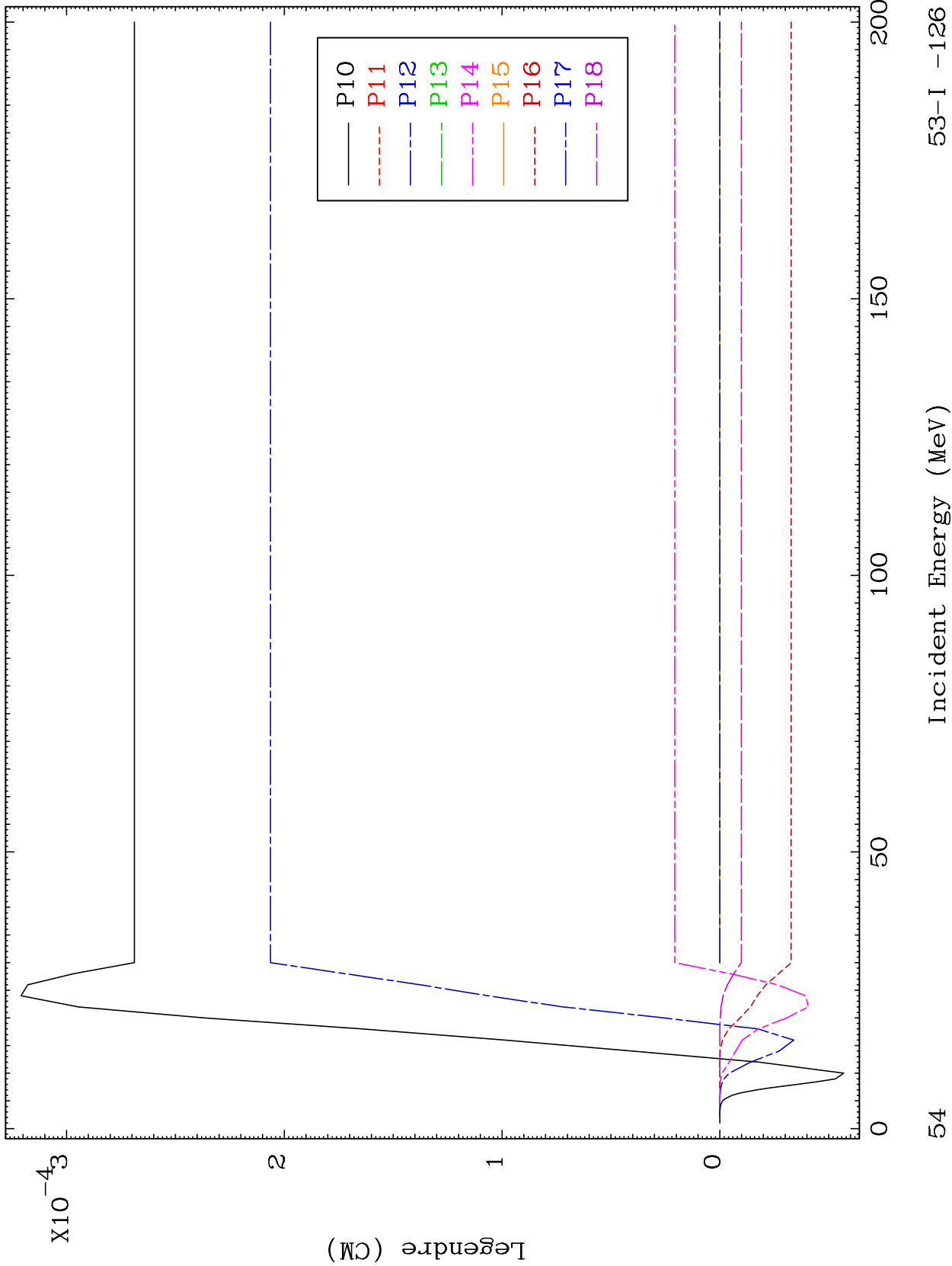
Incident Energy (MeV)

50





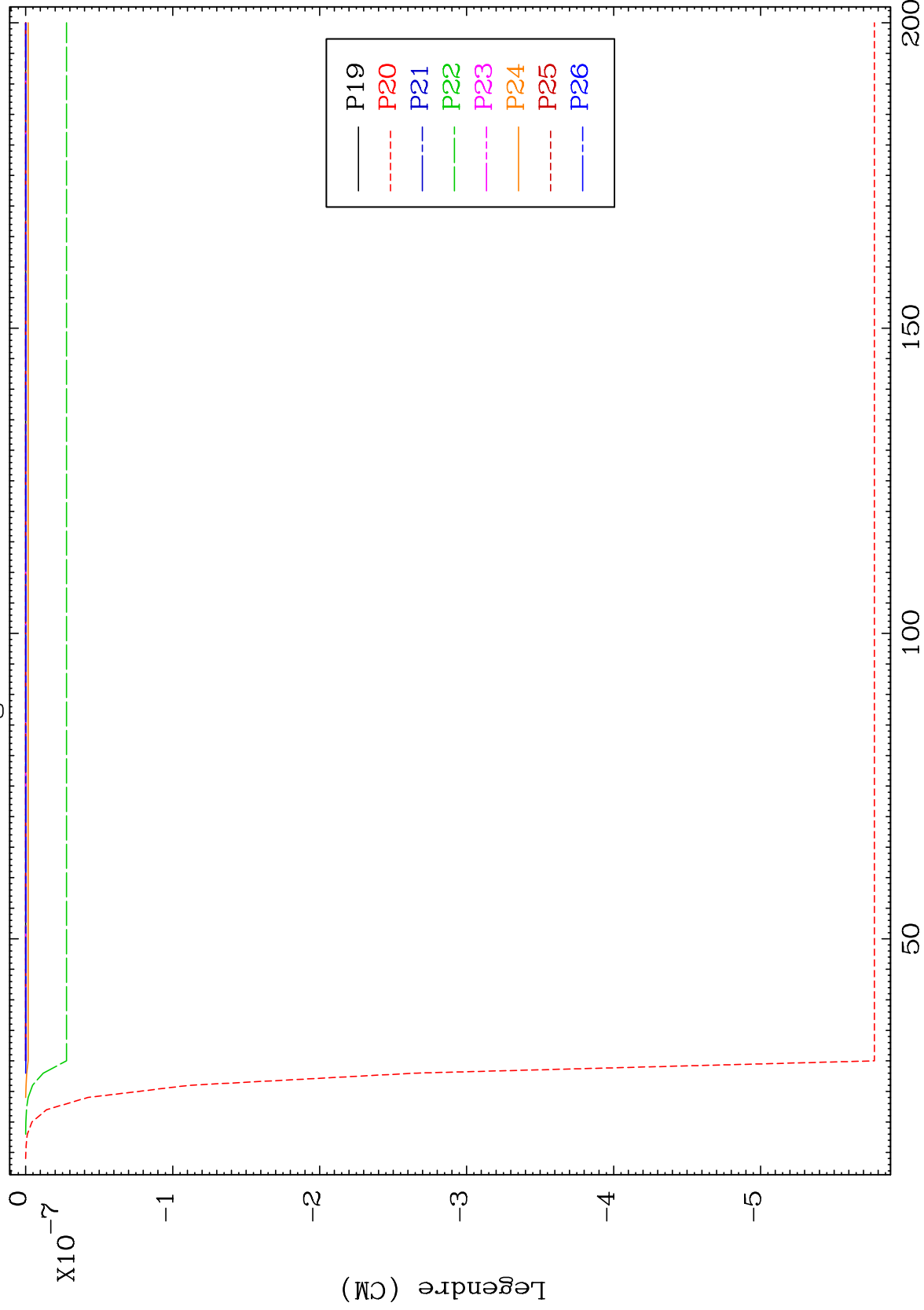




MAT 5322

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

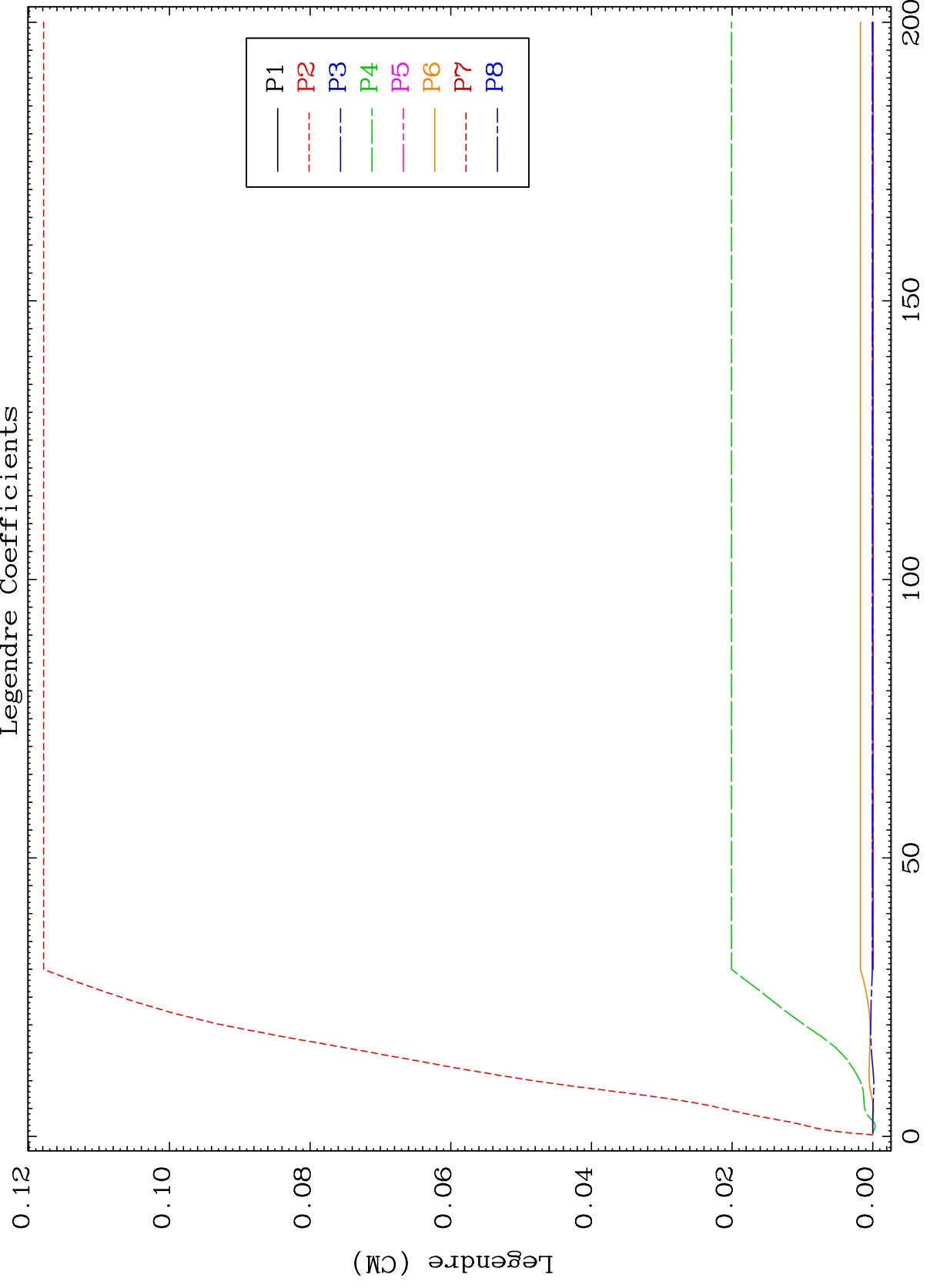
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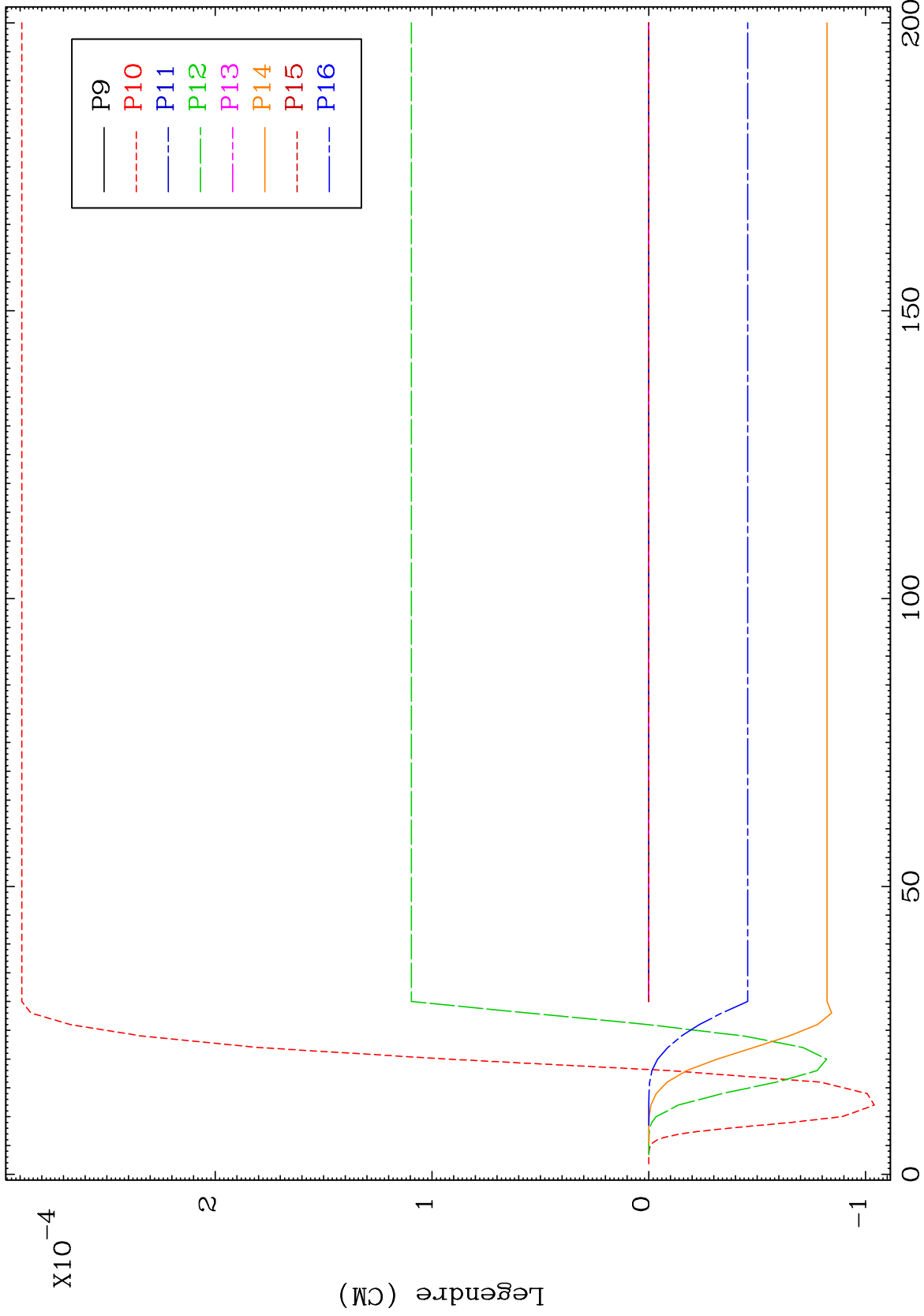


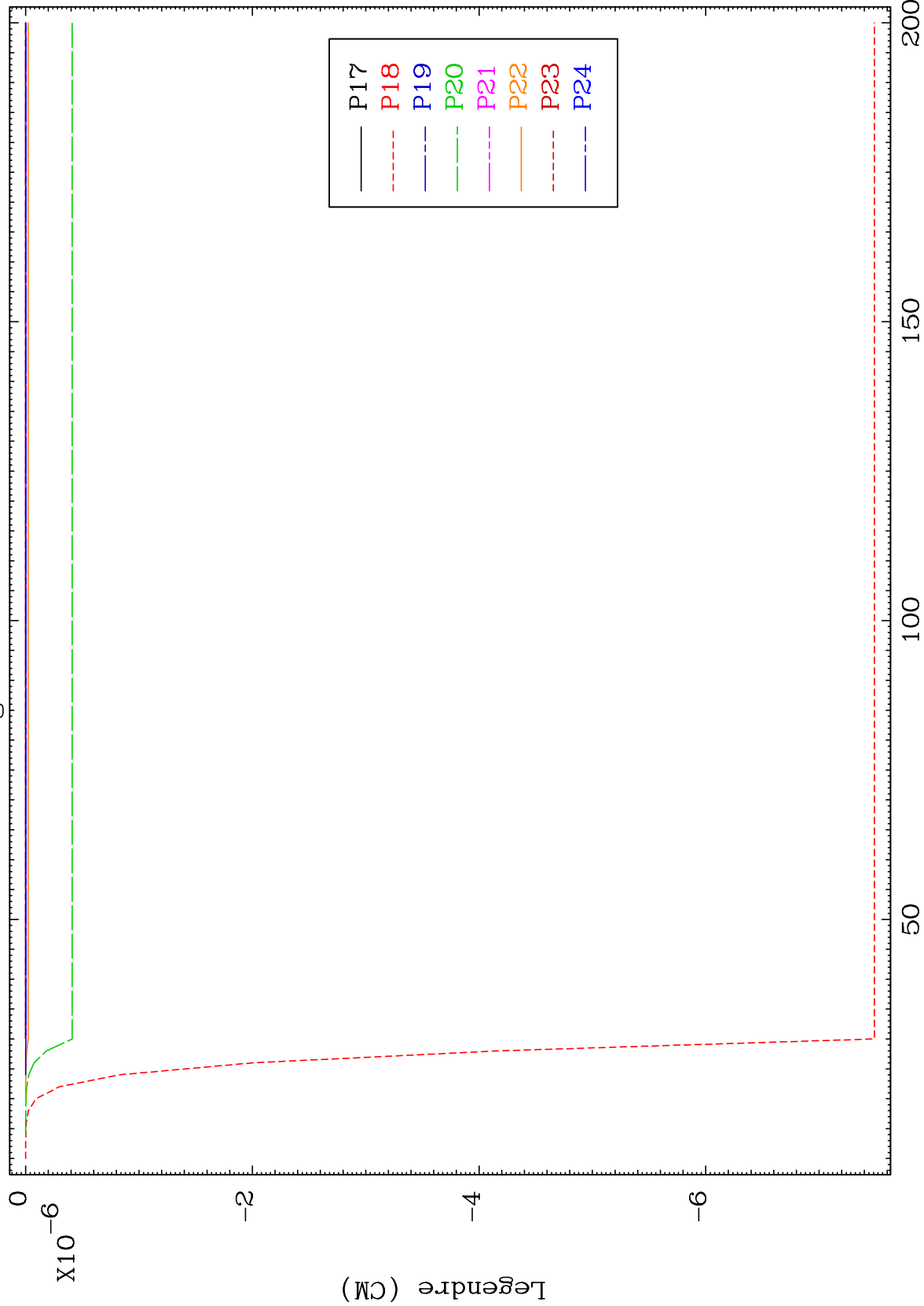
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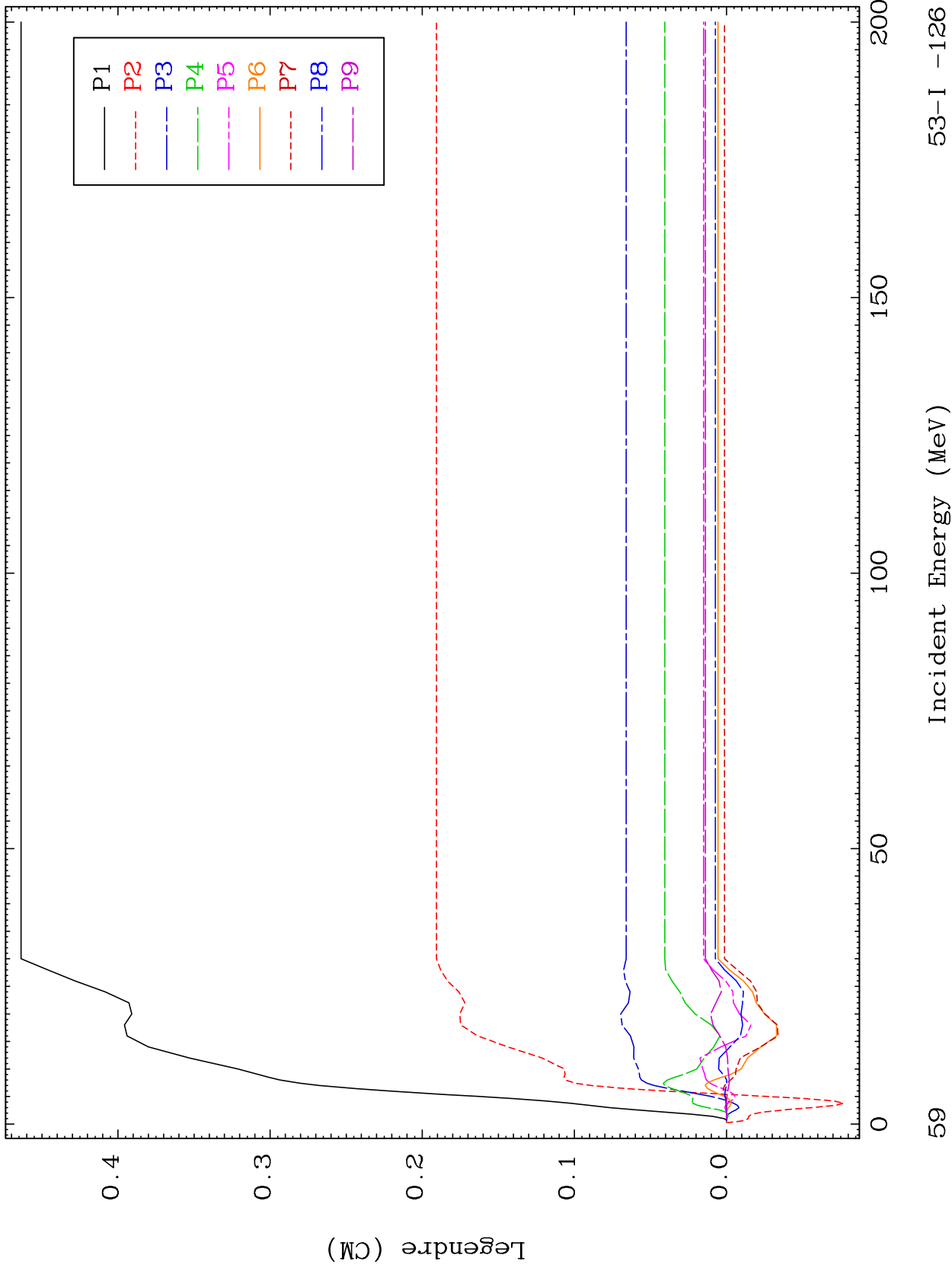
Incident Energy (MeV)

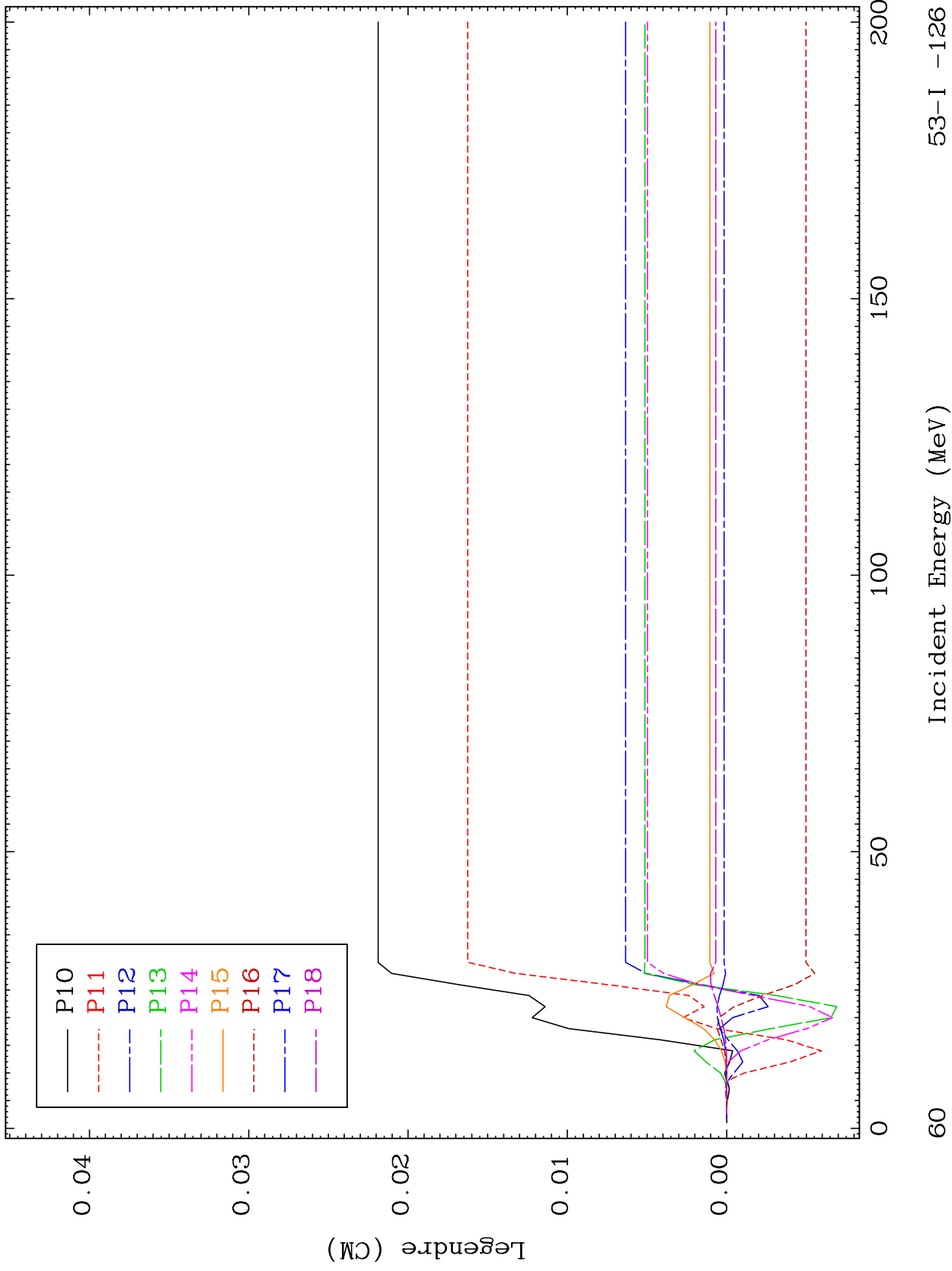
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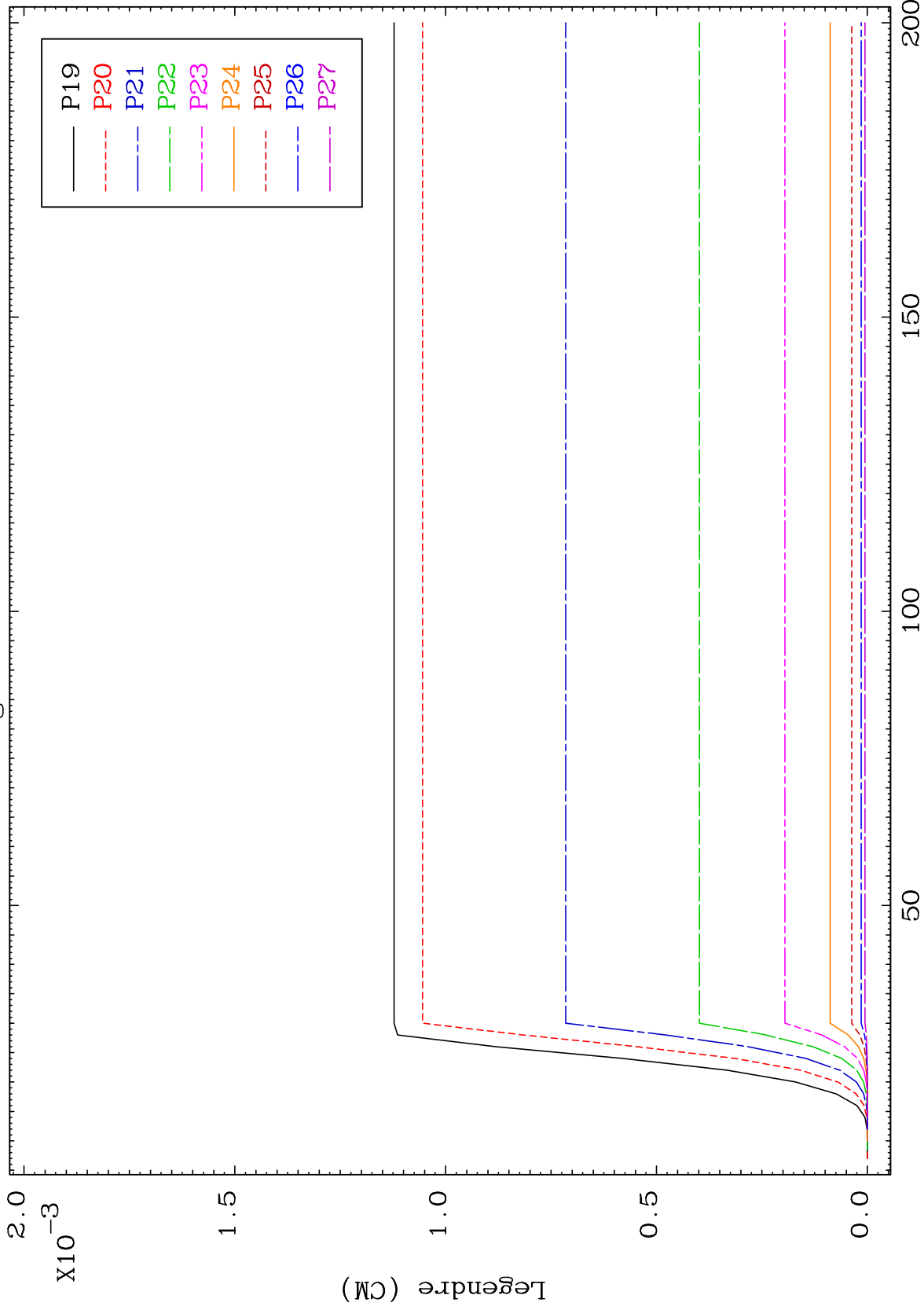


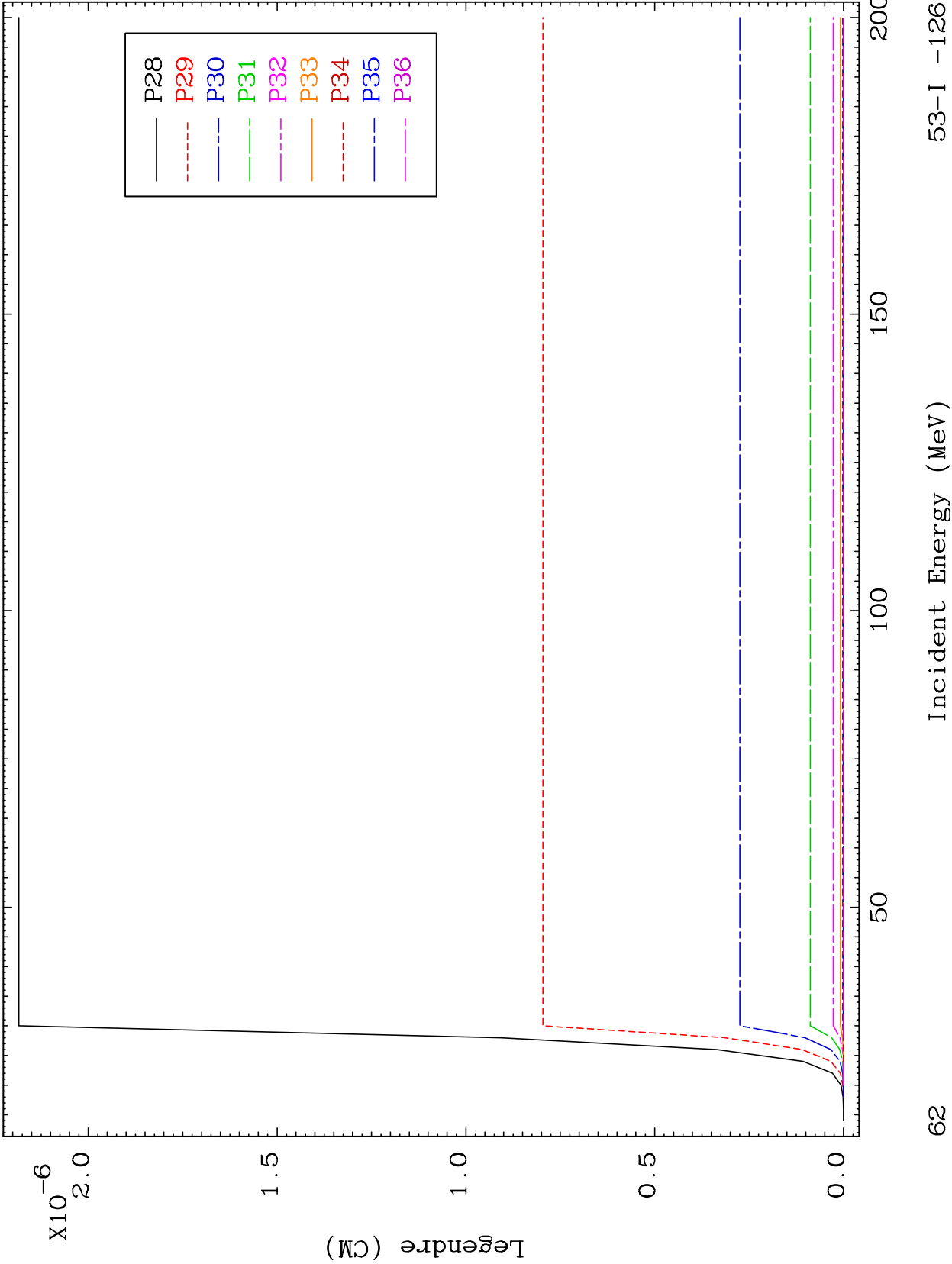








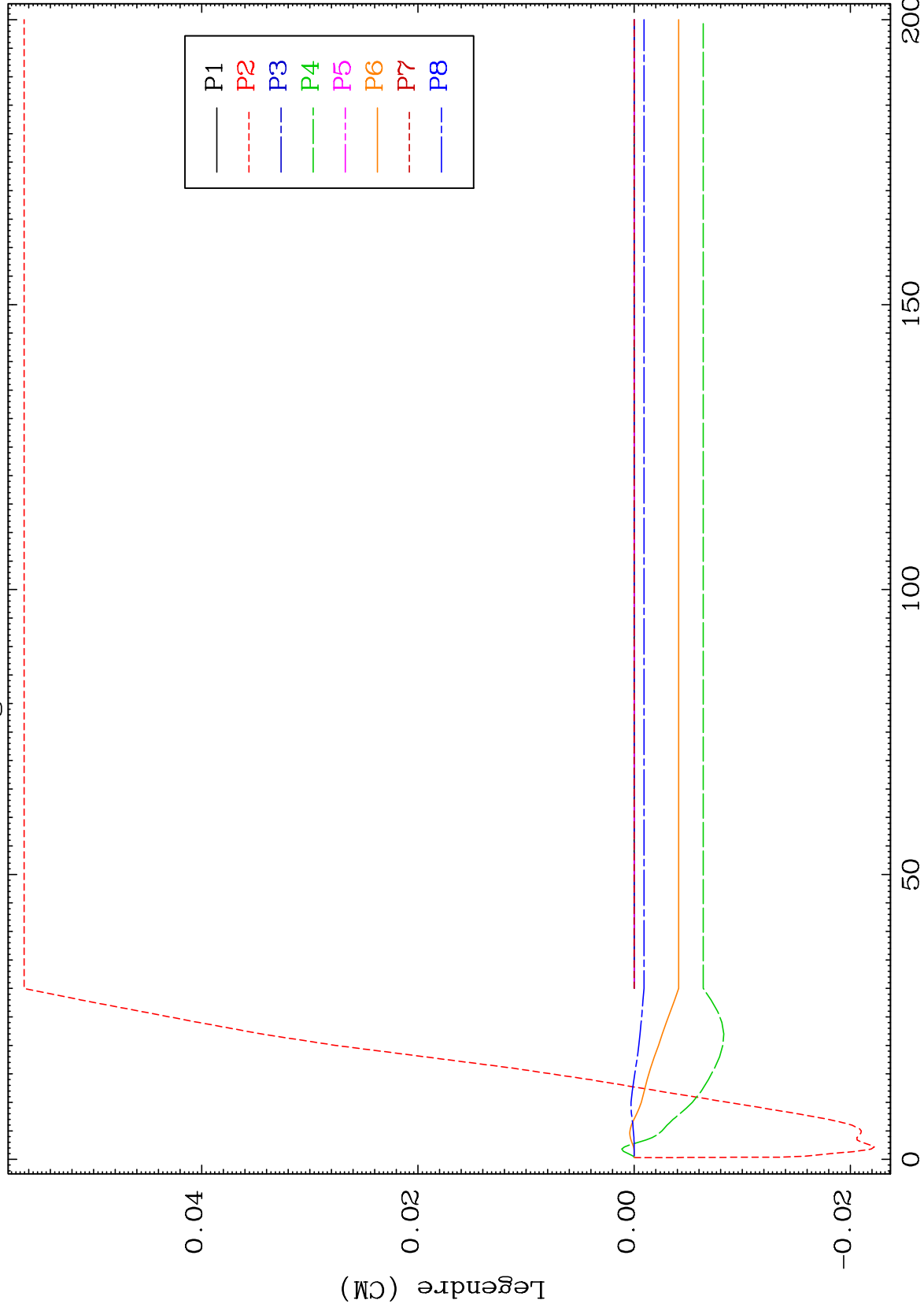




MAT 5322

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

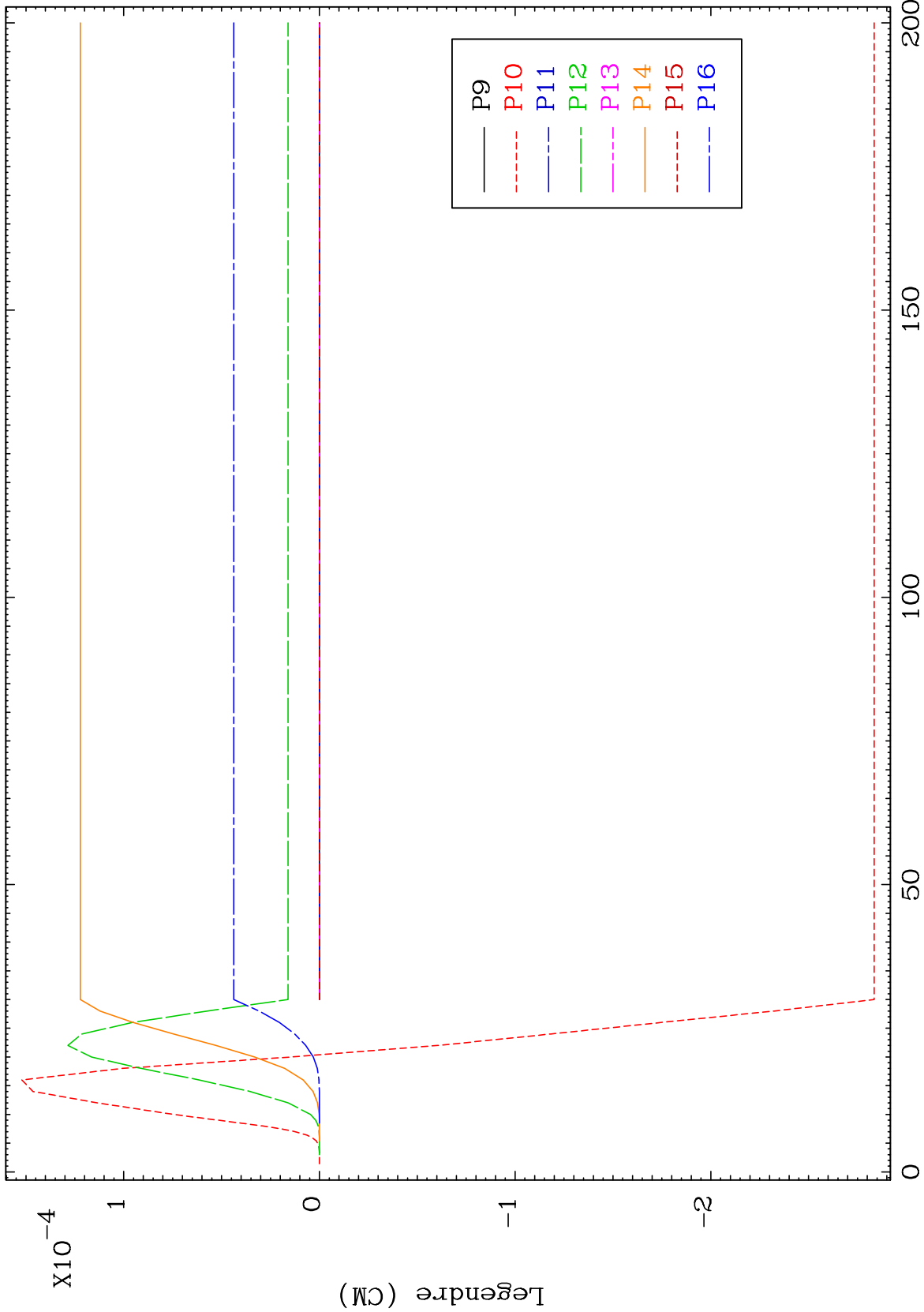
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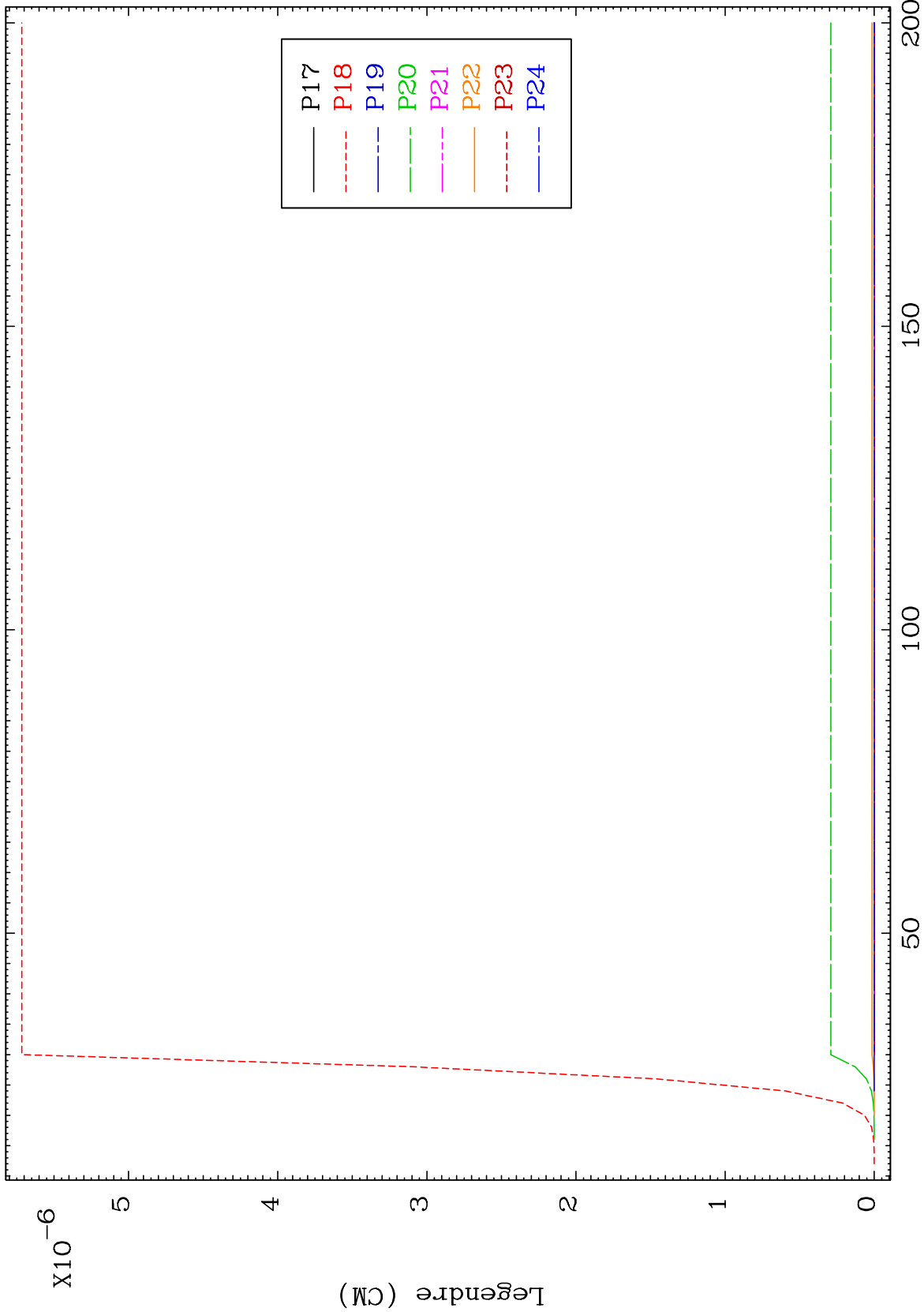


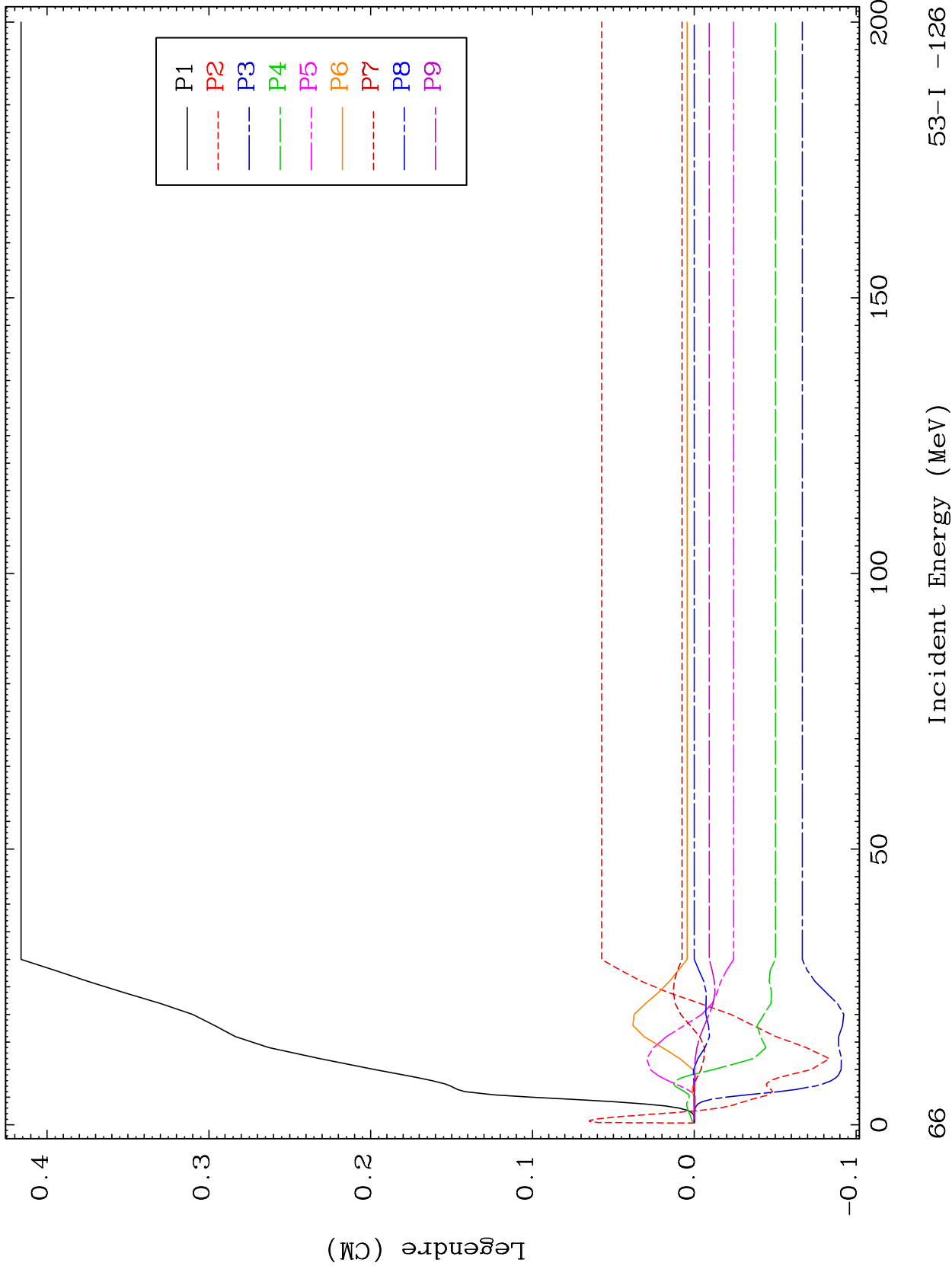
53-I -126

Incident Energy (MeV)

63



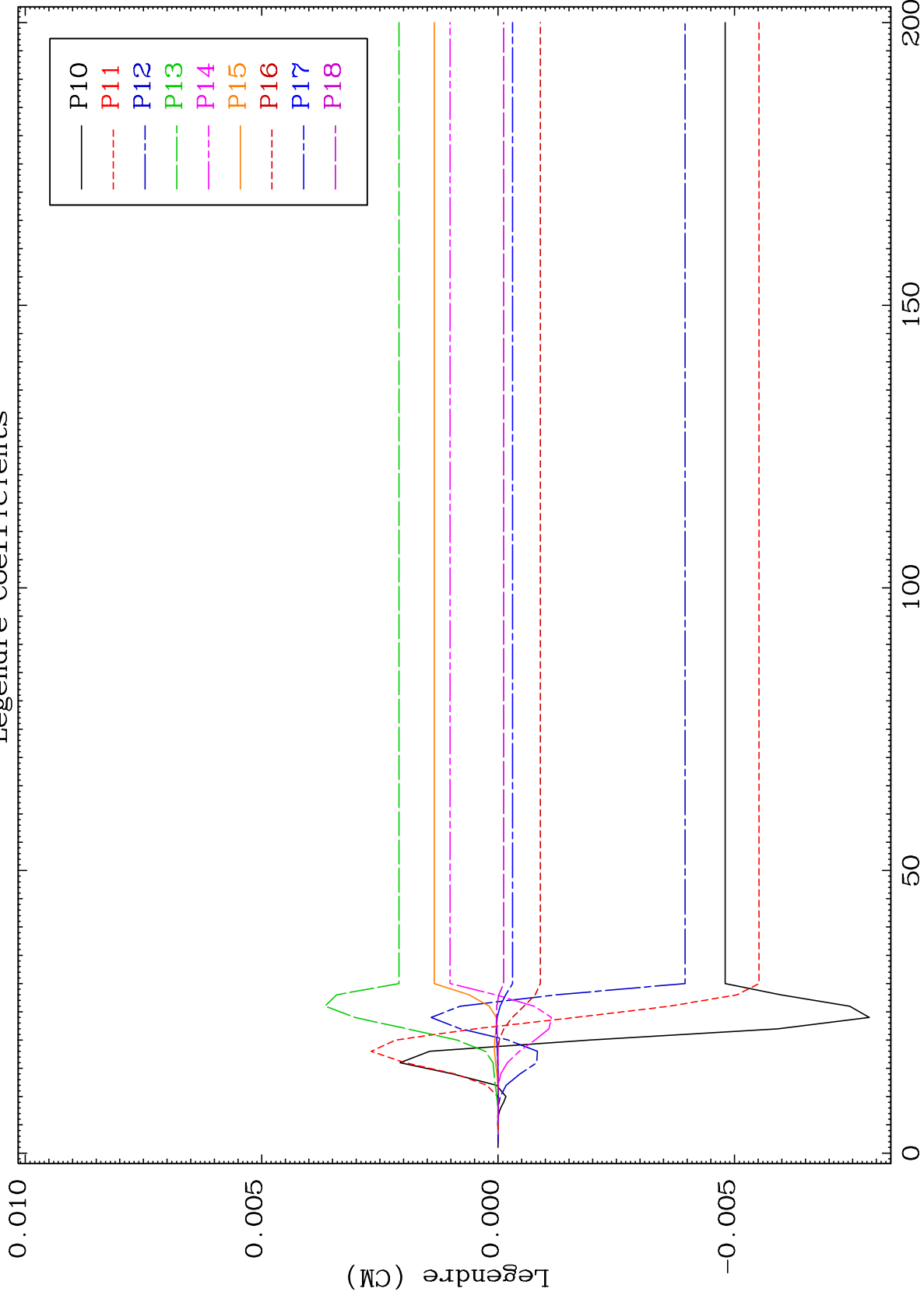




MAT 5322

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

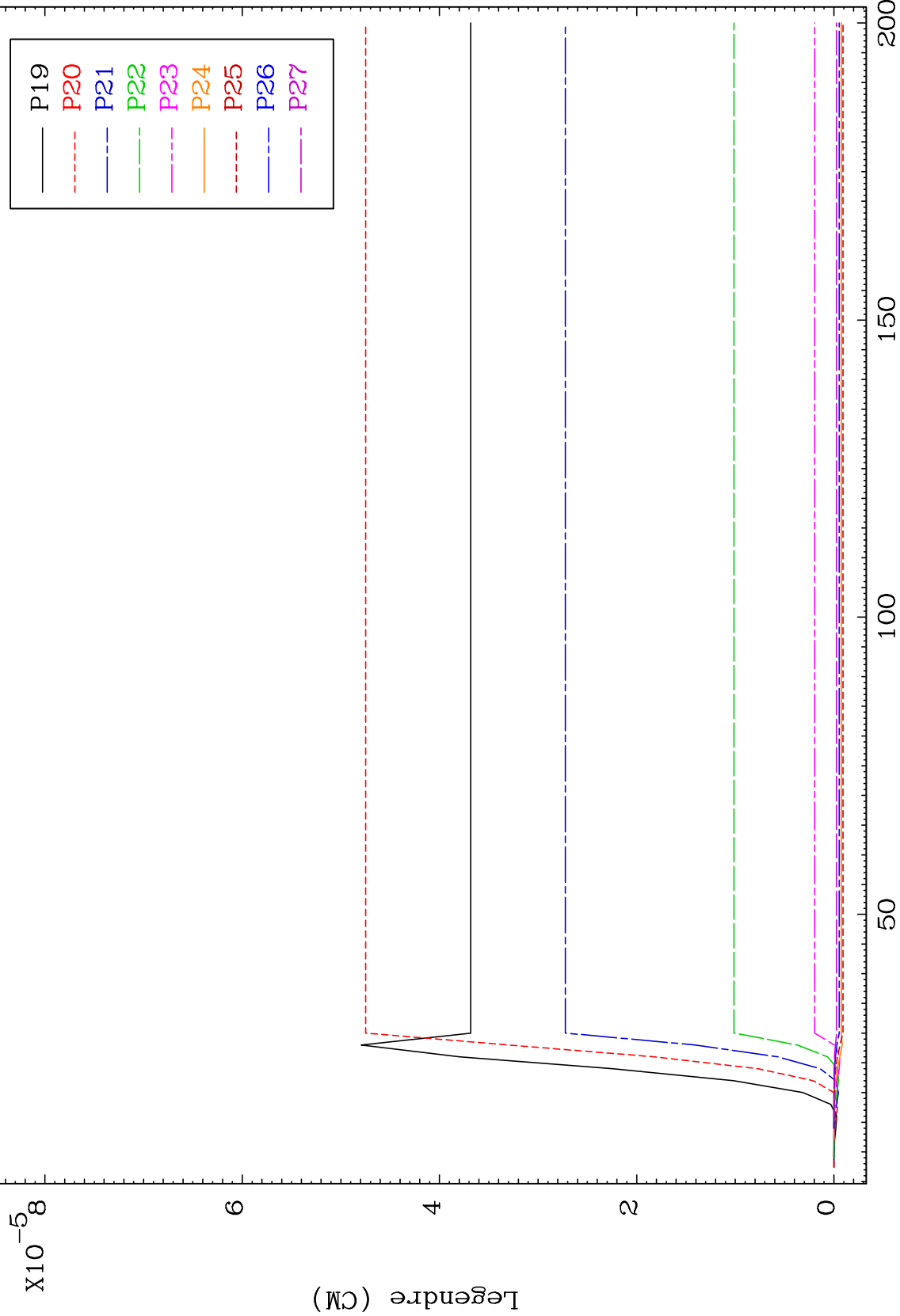
53-I -126



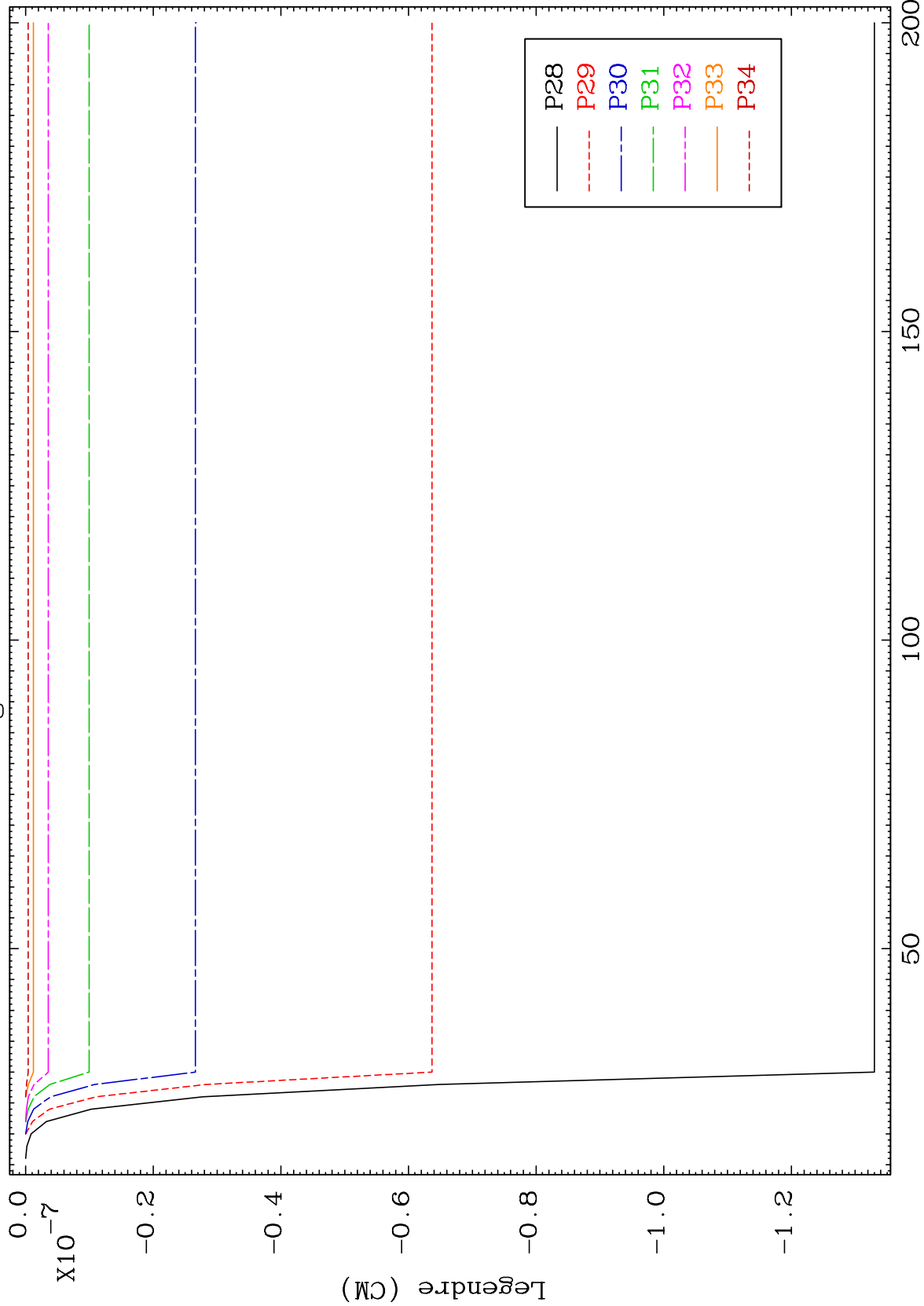
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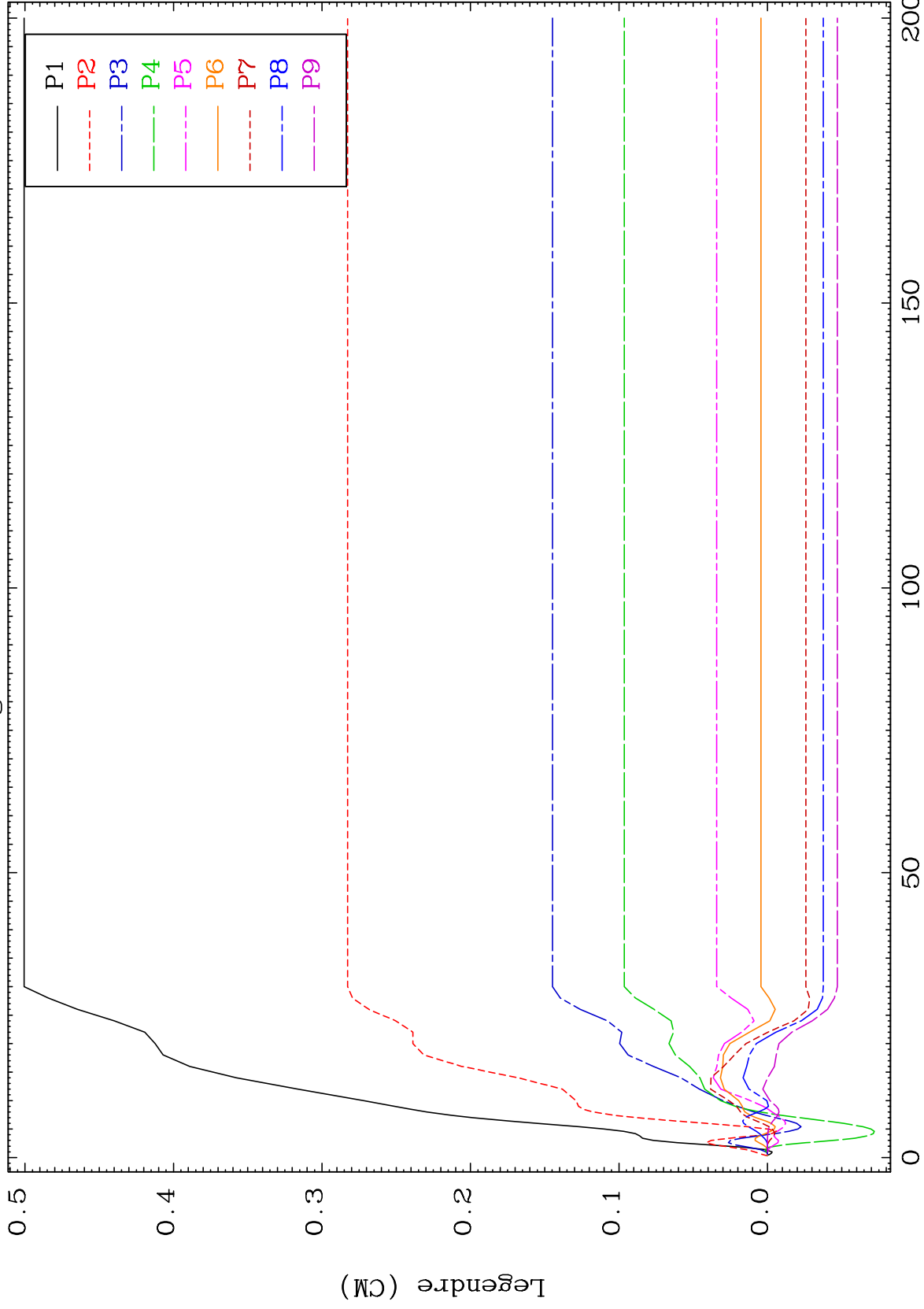
Incident Energy (MeV)

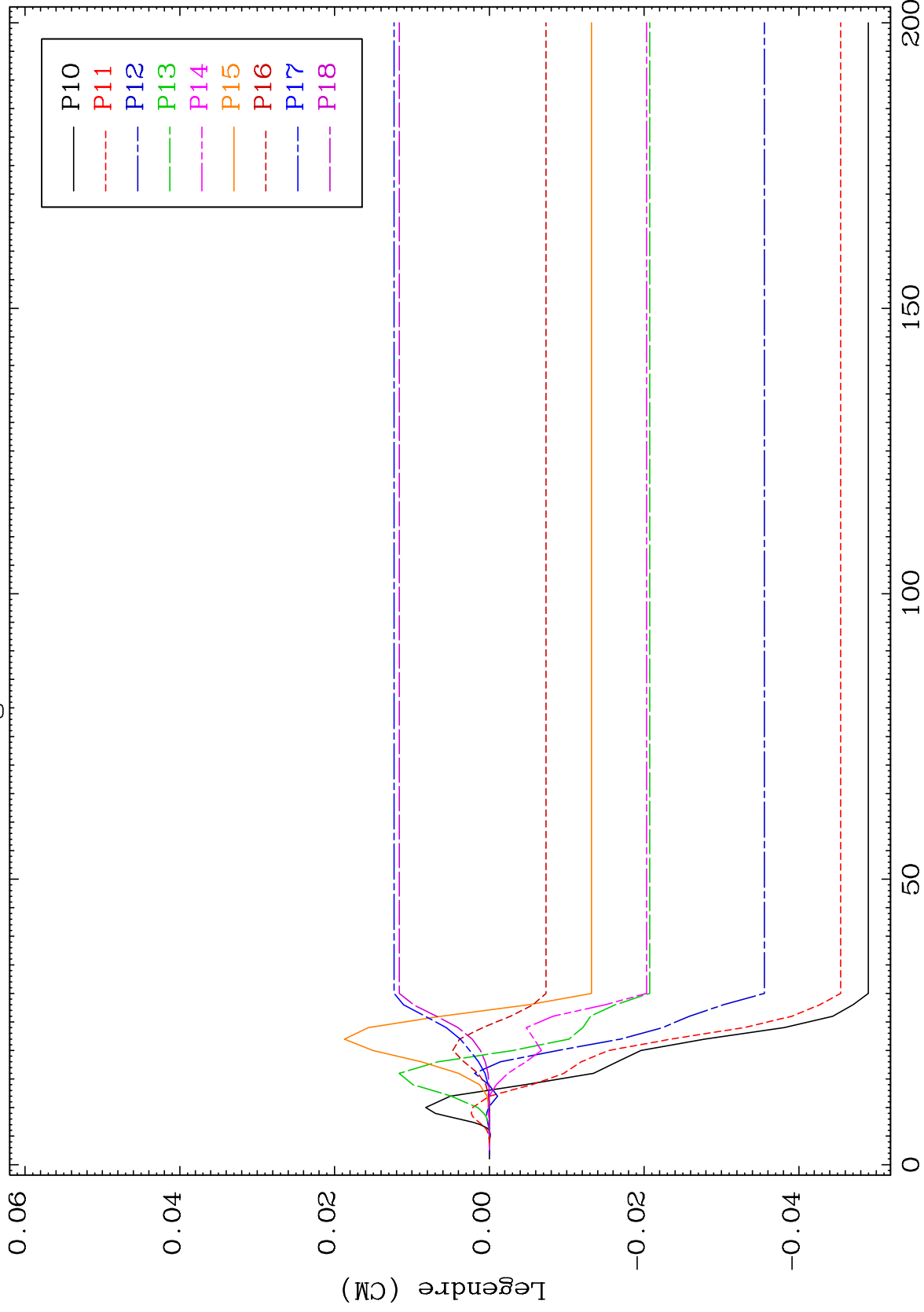
53-I -126

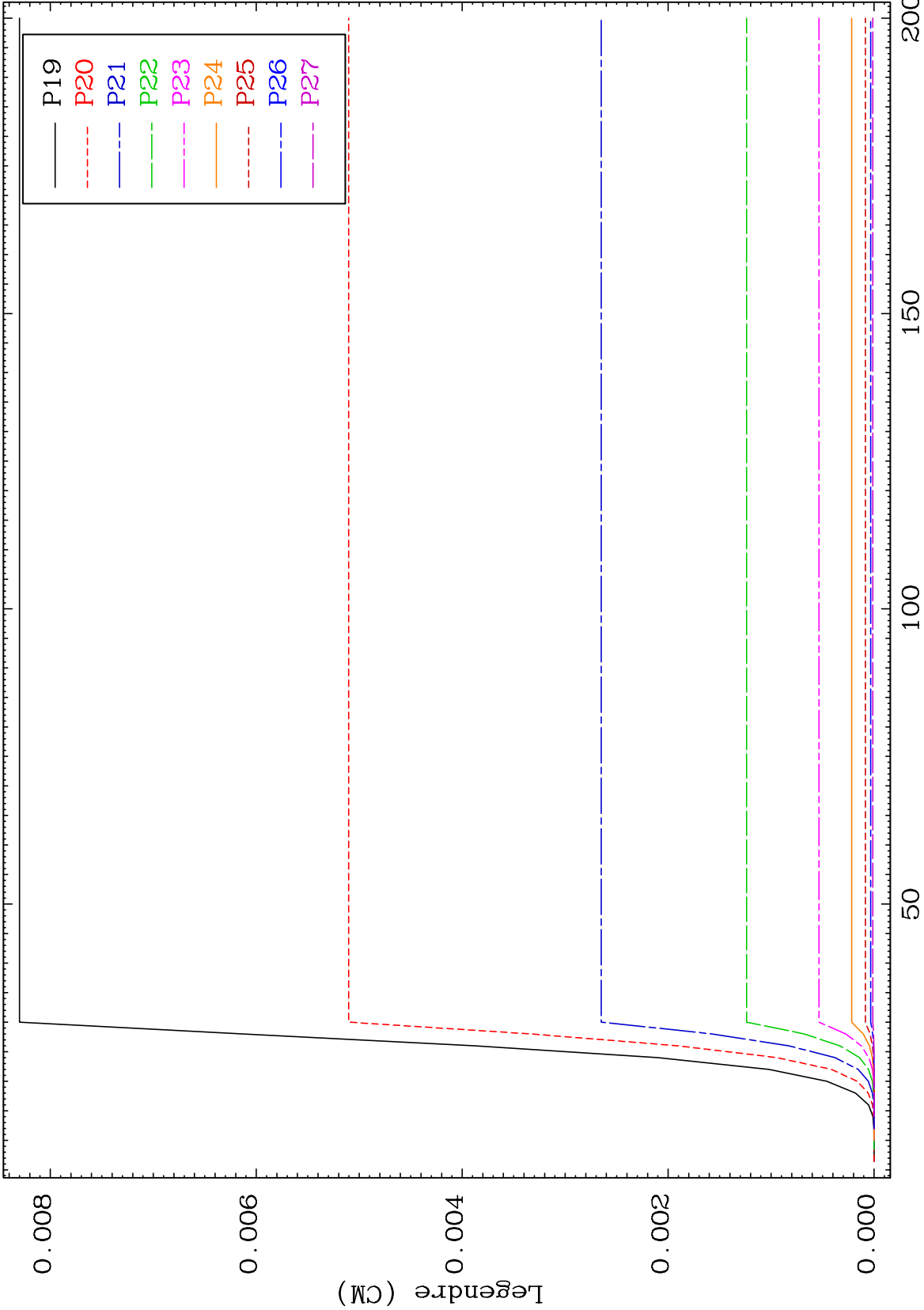


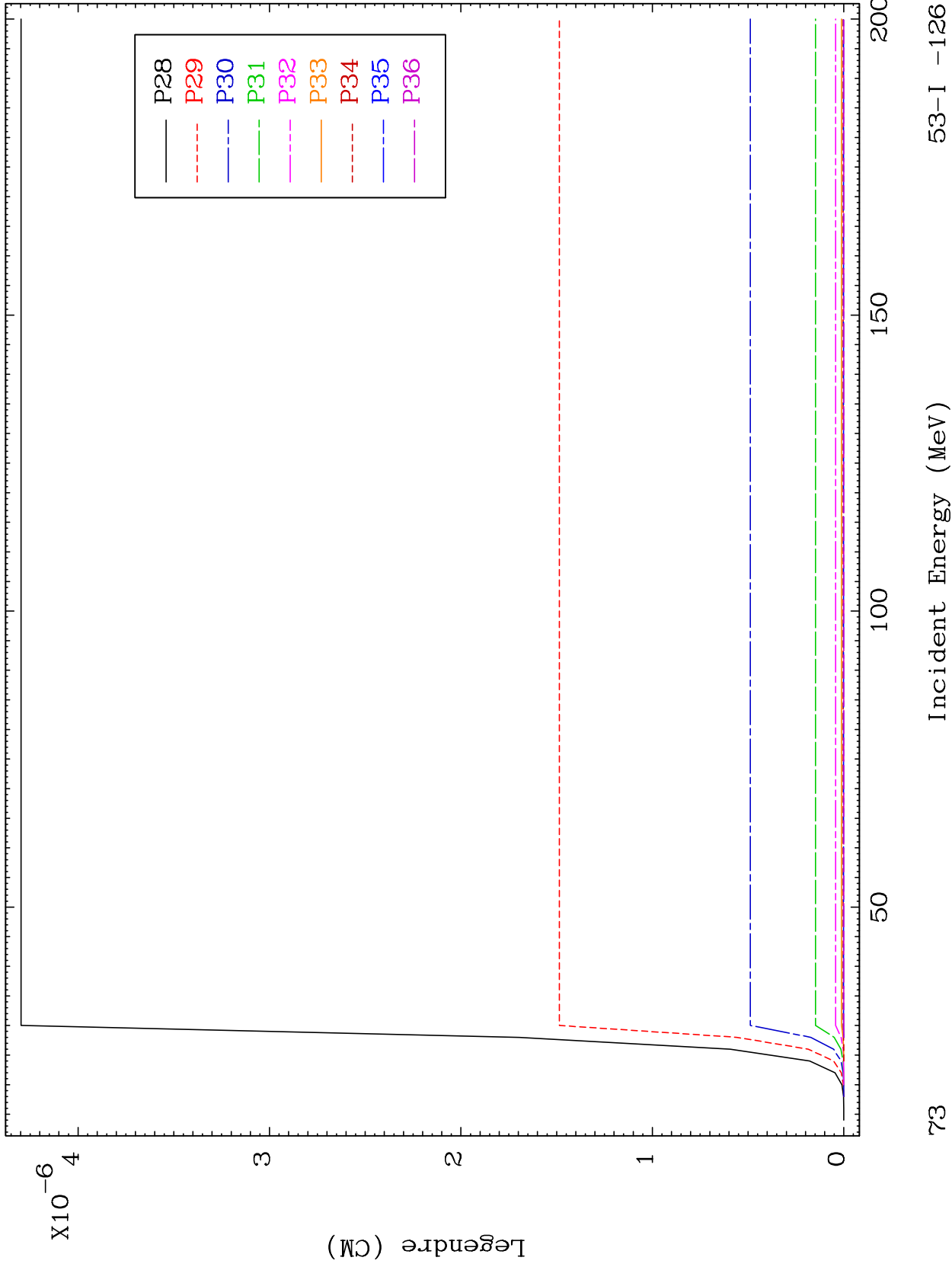
Legendre Coefficients

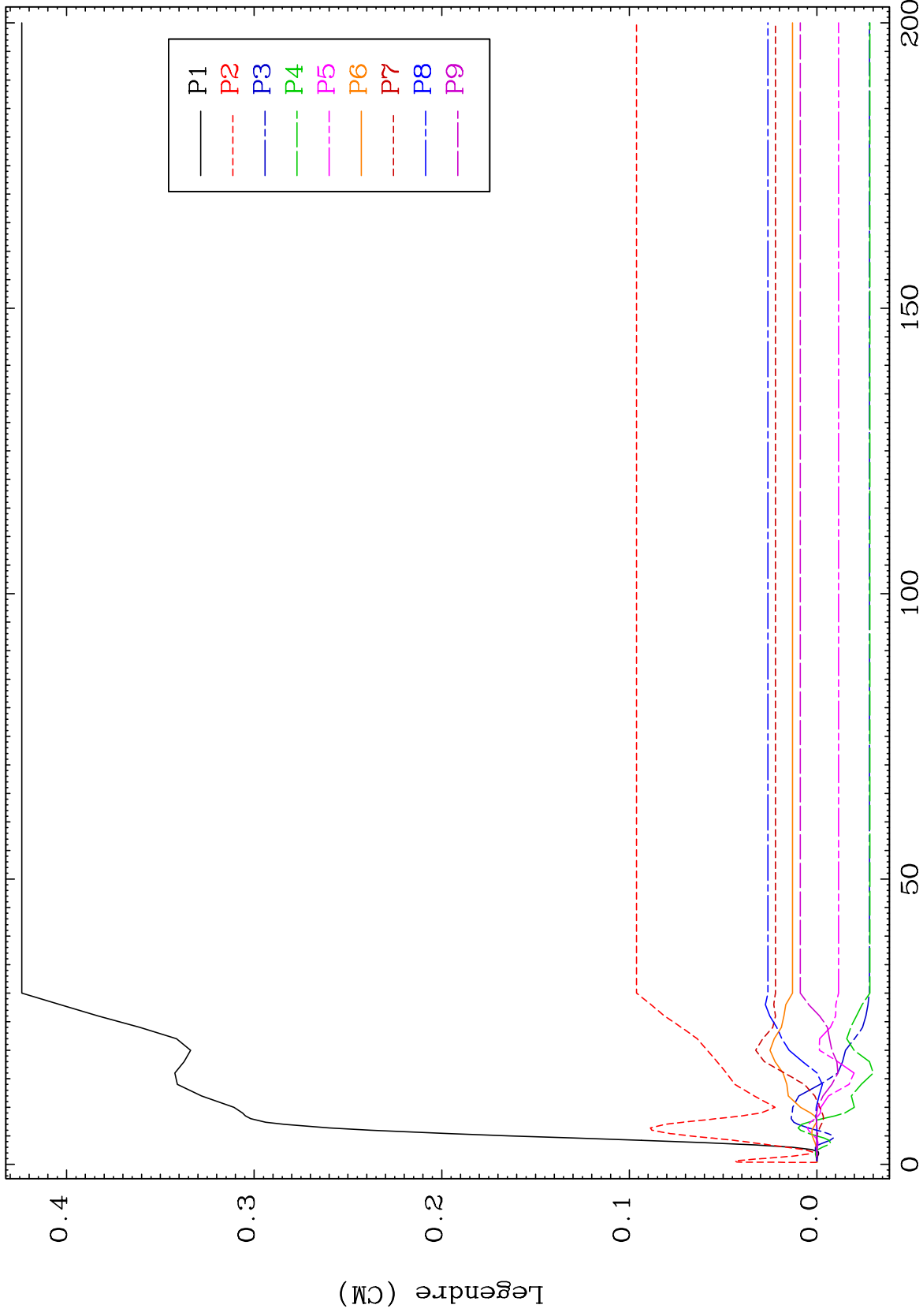


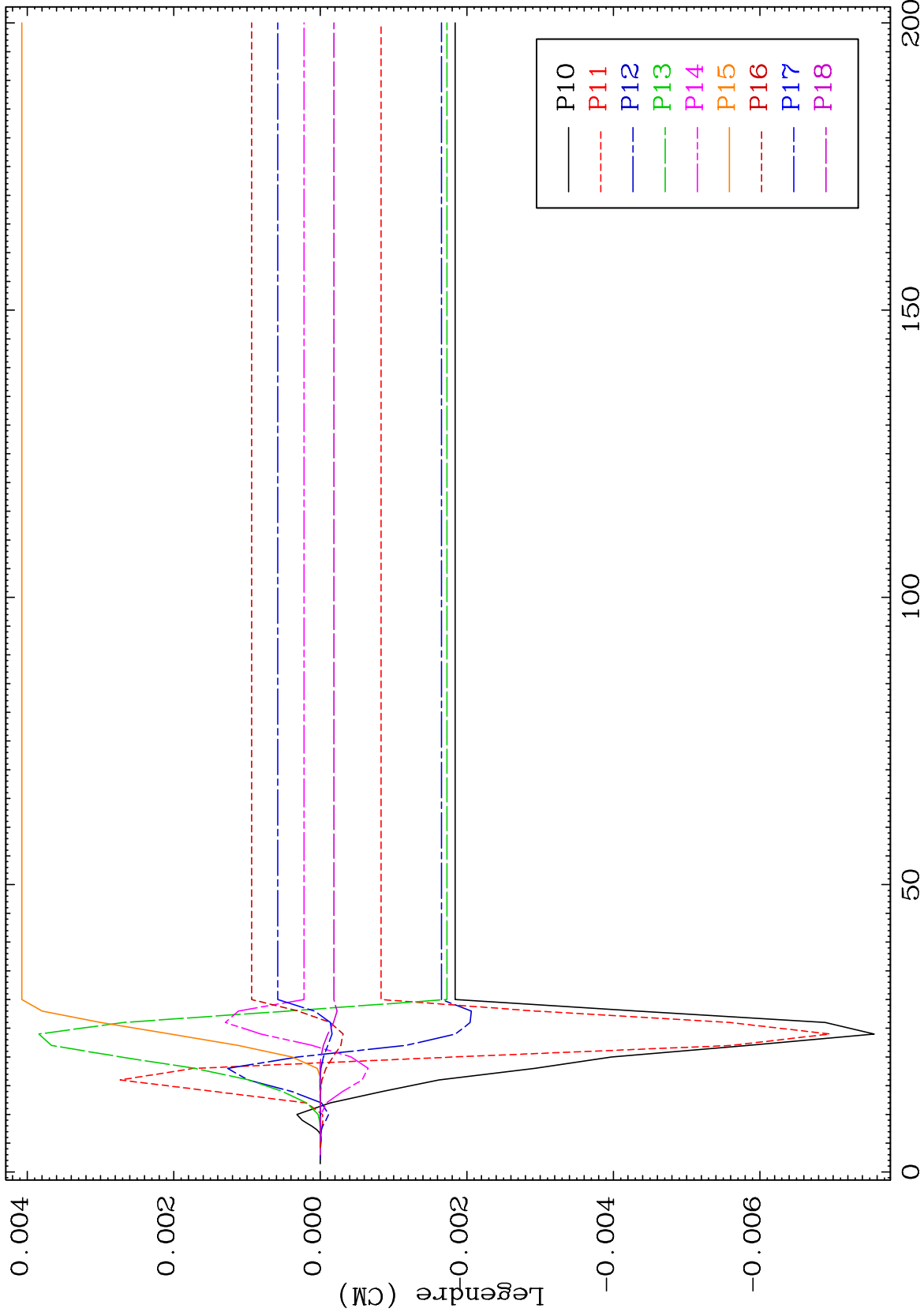








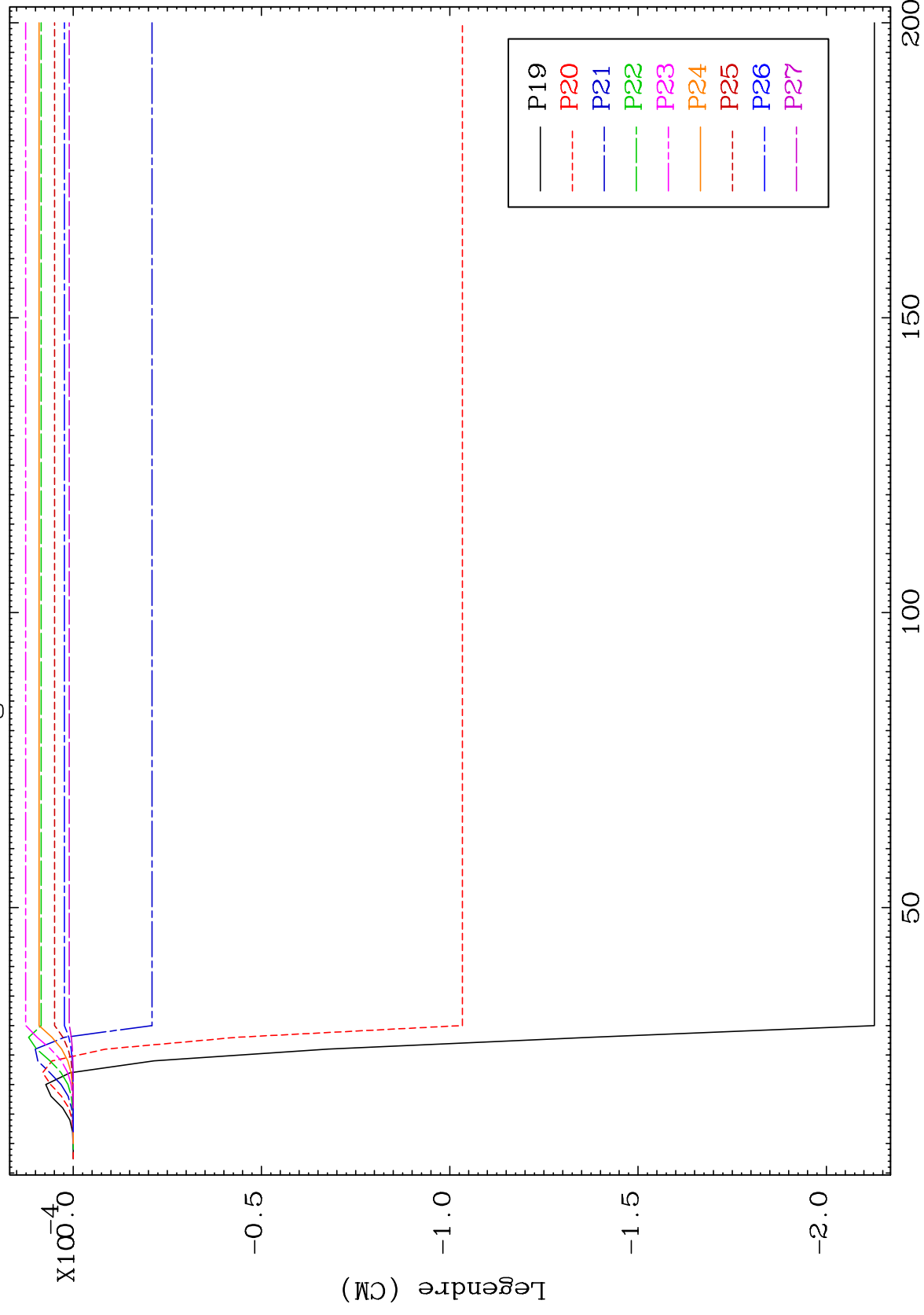




MAT 5322

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

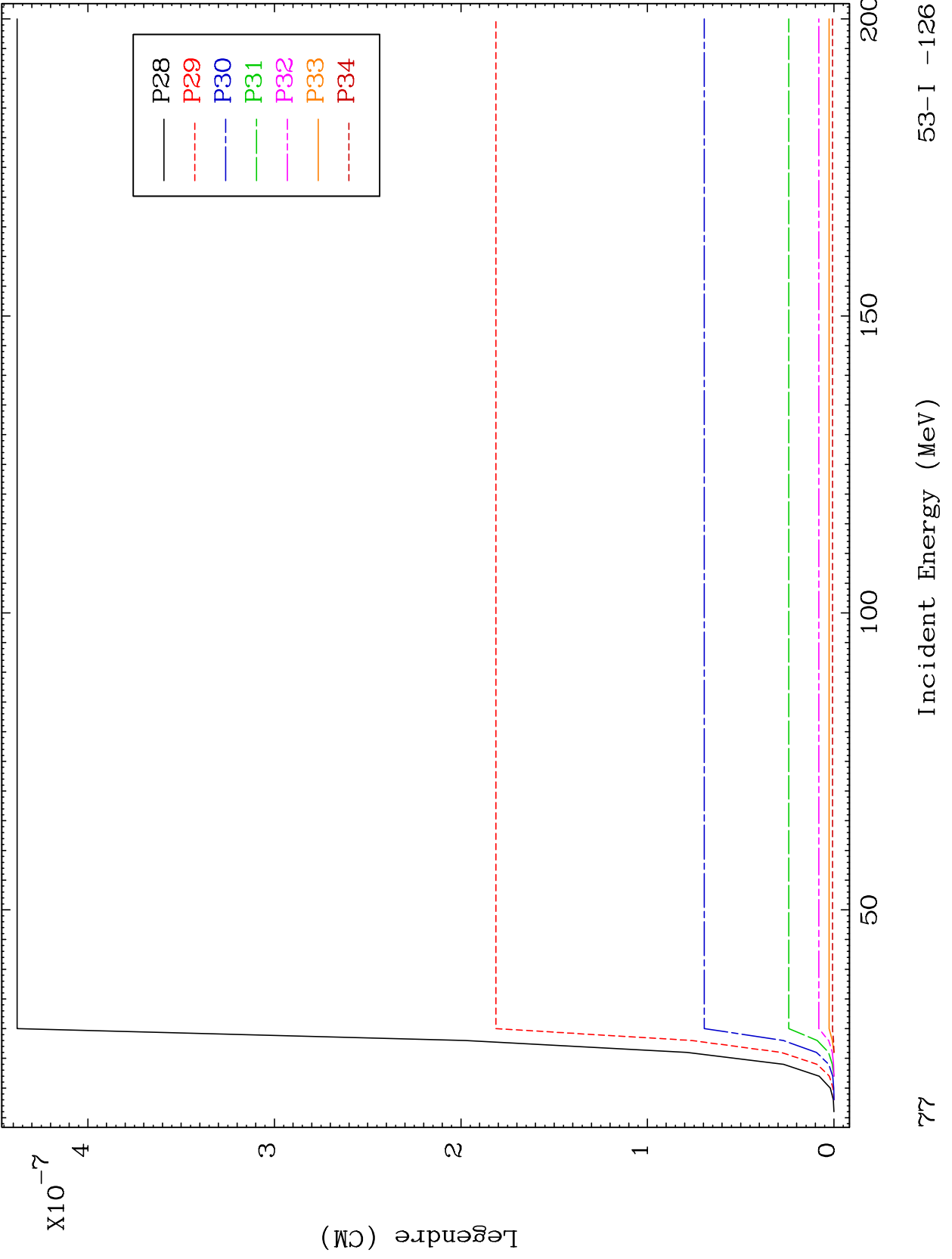
53-I -126

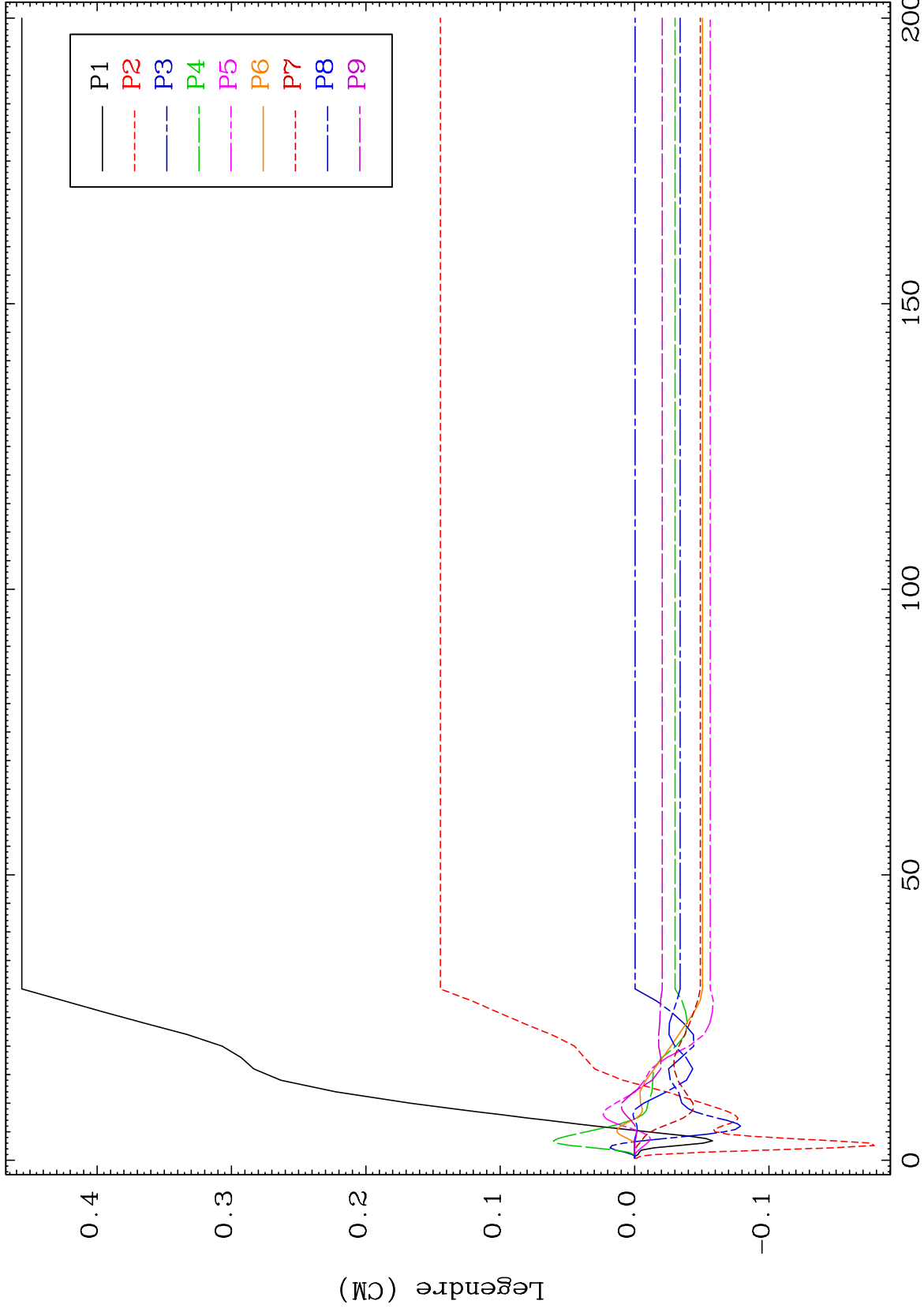


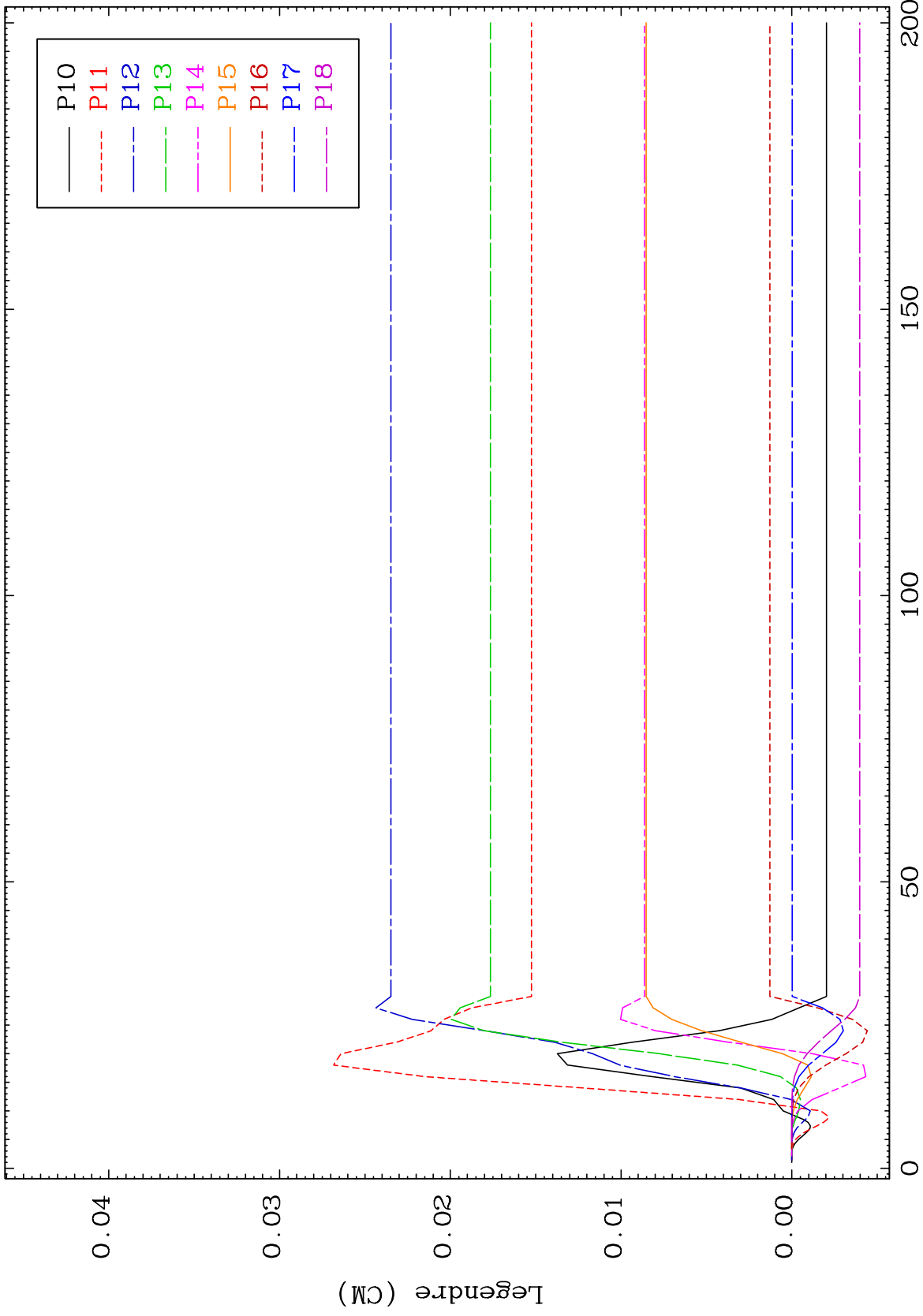
76

Incident Energy (MeV)

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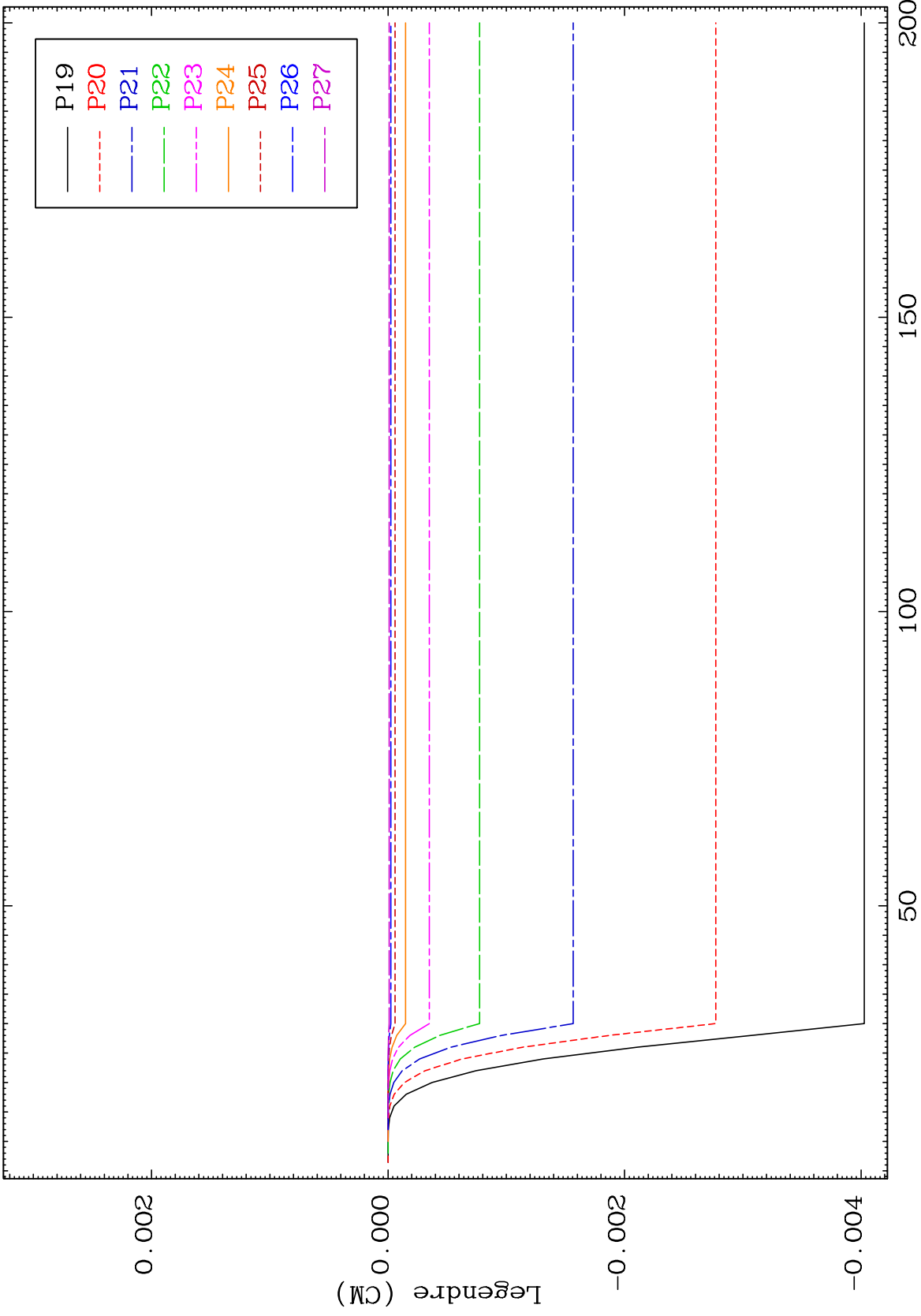




MAT 5322

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

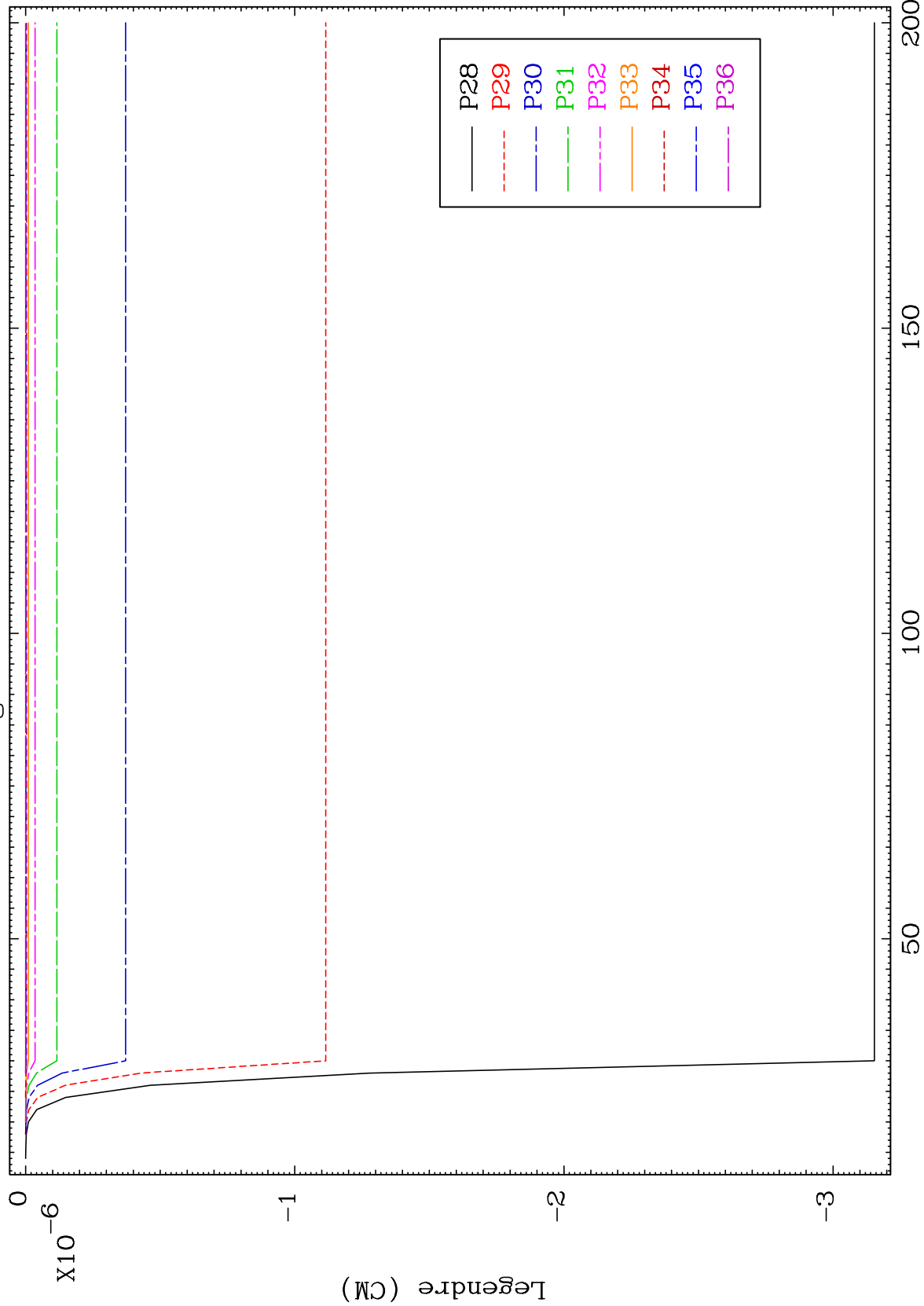
53-I -126



80

Incident Energy (MeV)

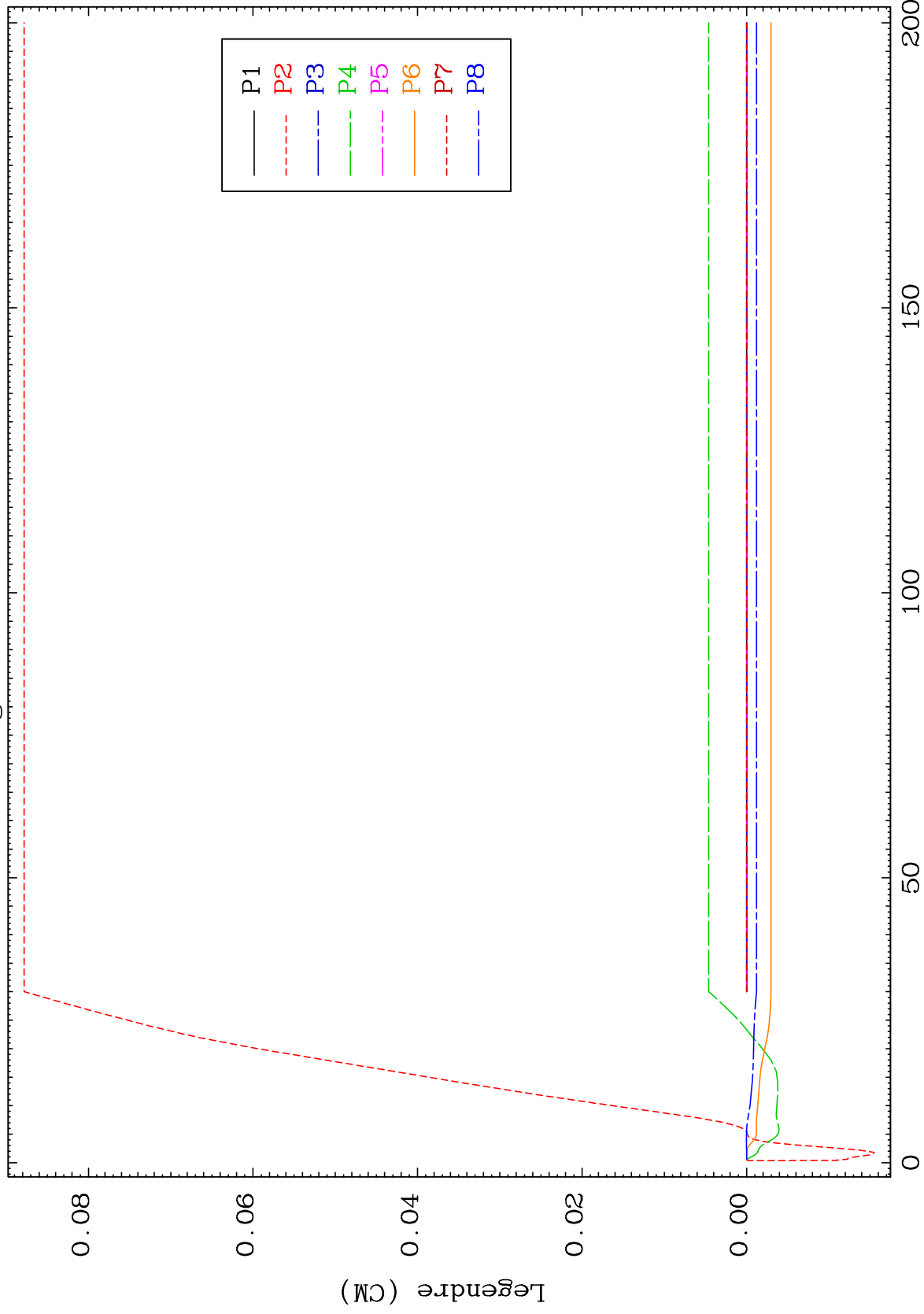
53-I -126



MAT 5322

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

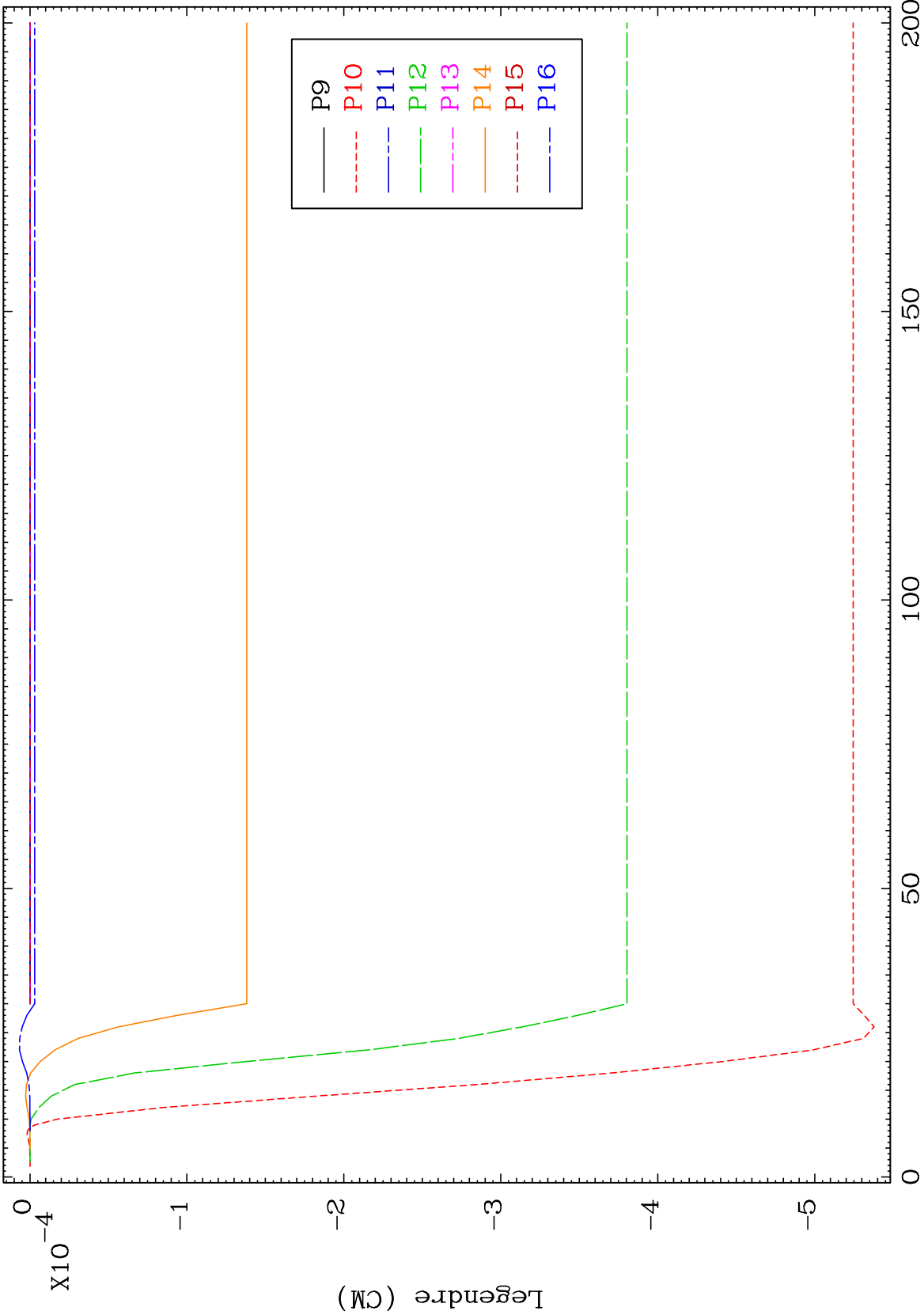
53-I -126



82

Incident Energy (MeV)

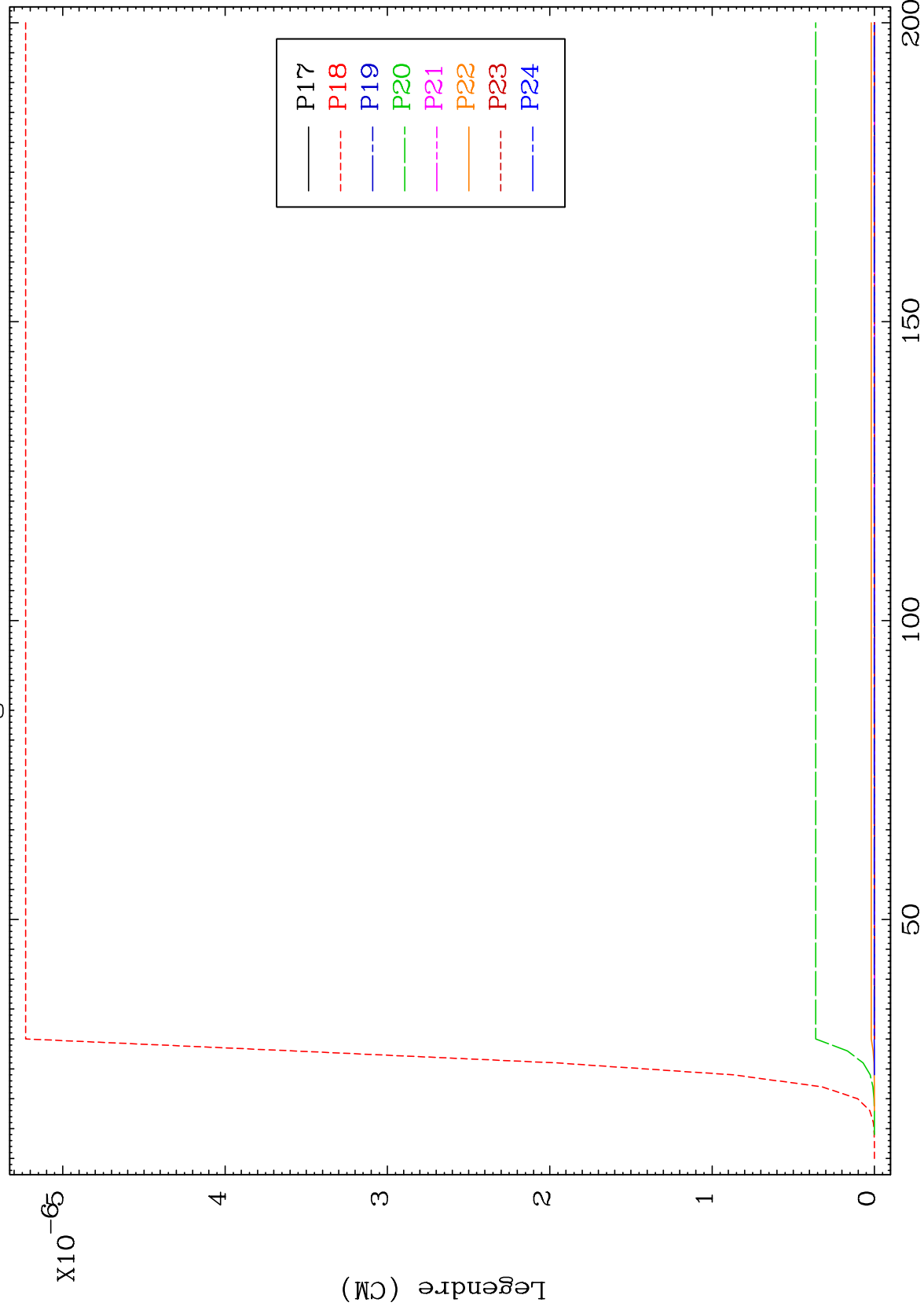
53-I -126



MAT 5322

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

53-I -126



84

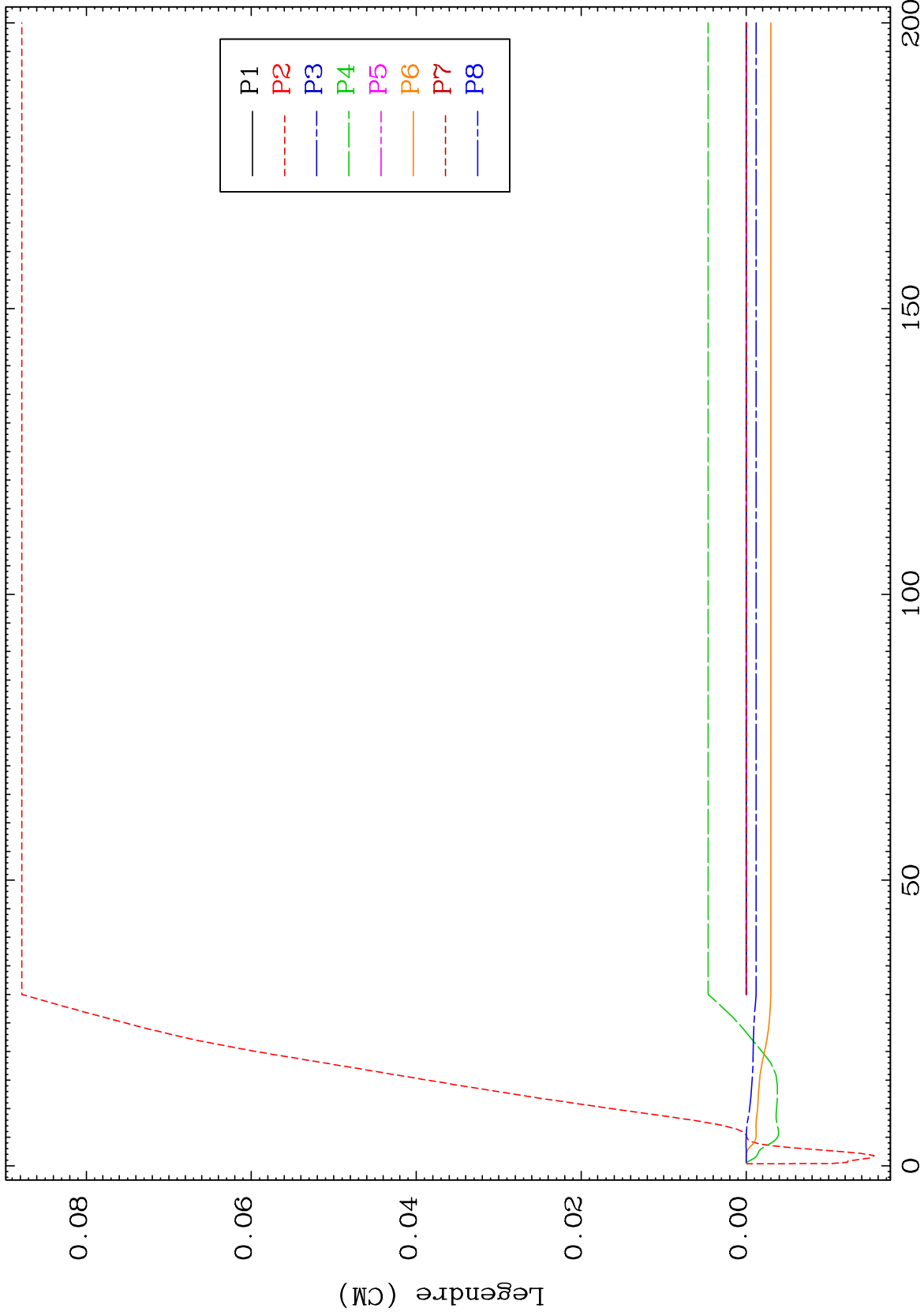
Incident Energy (MeV)

53-I -126

MAT 5322

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

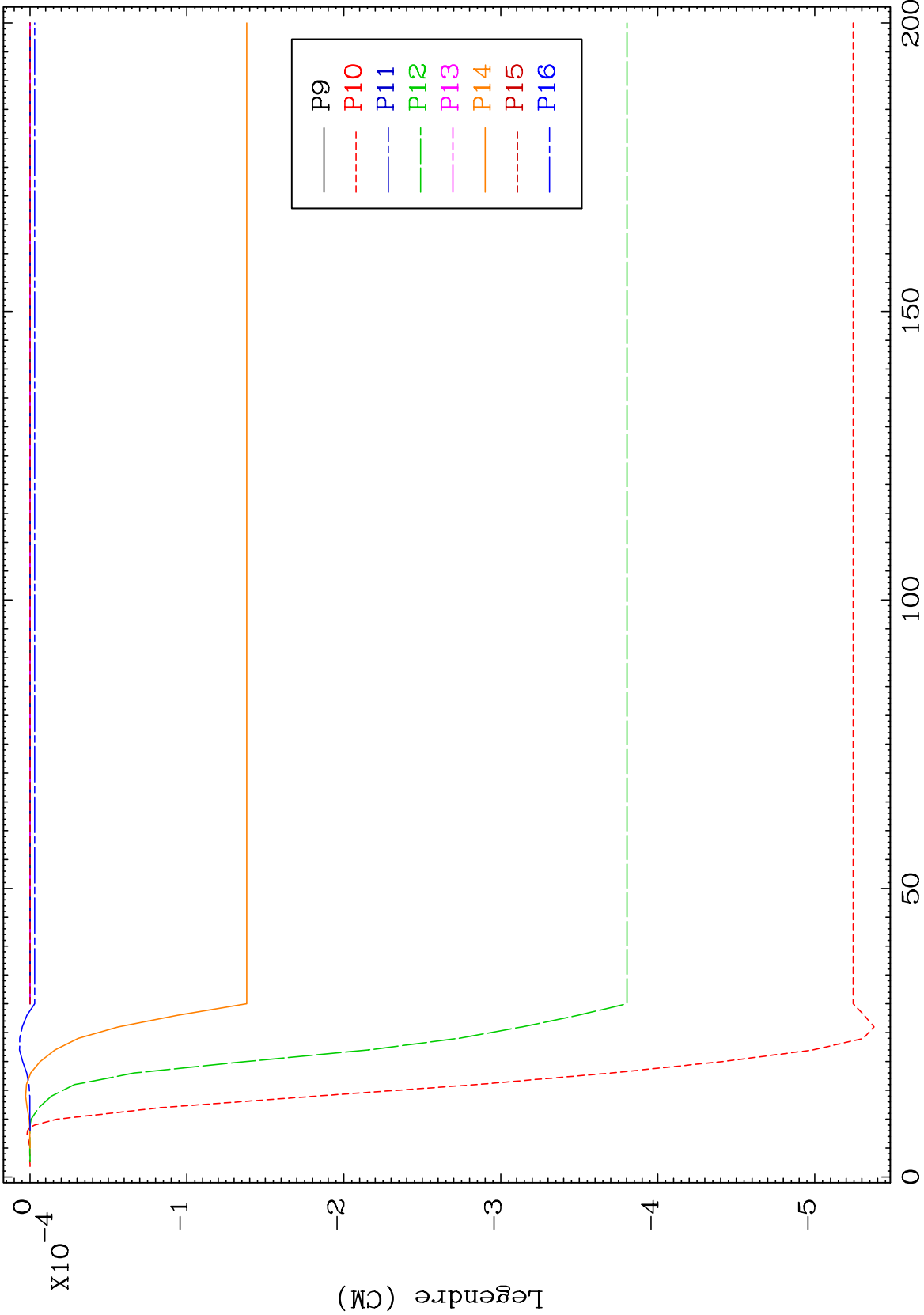
53-I -126

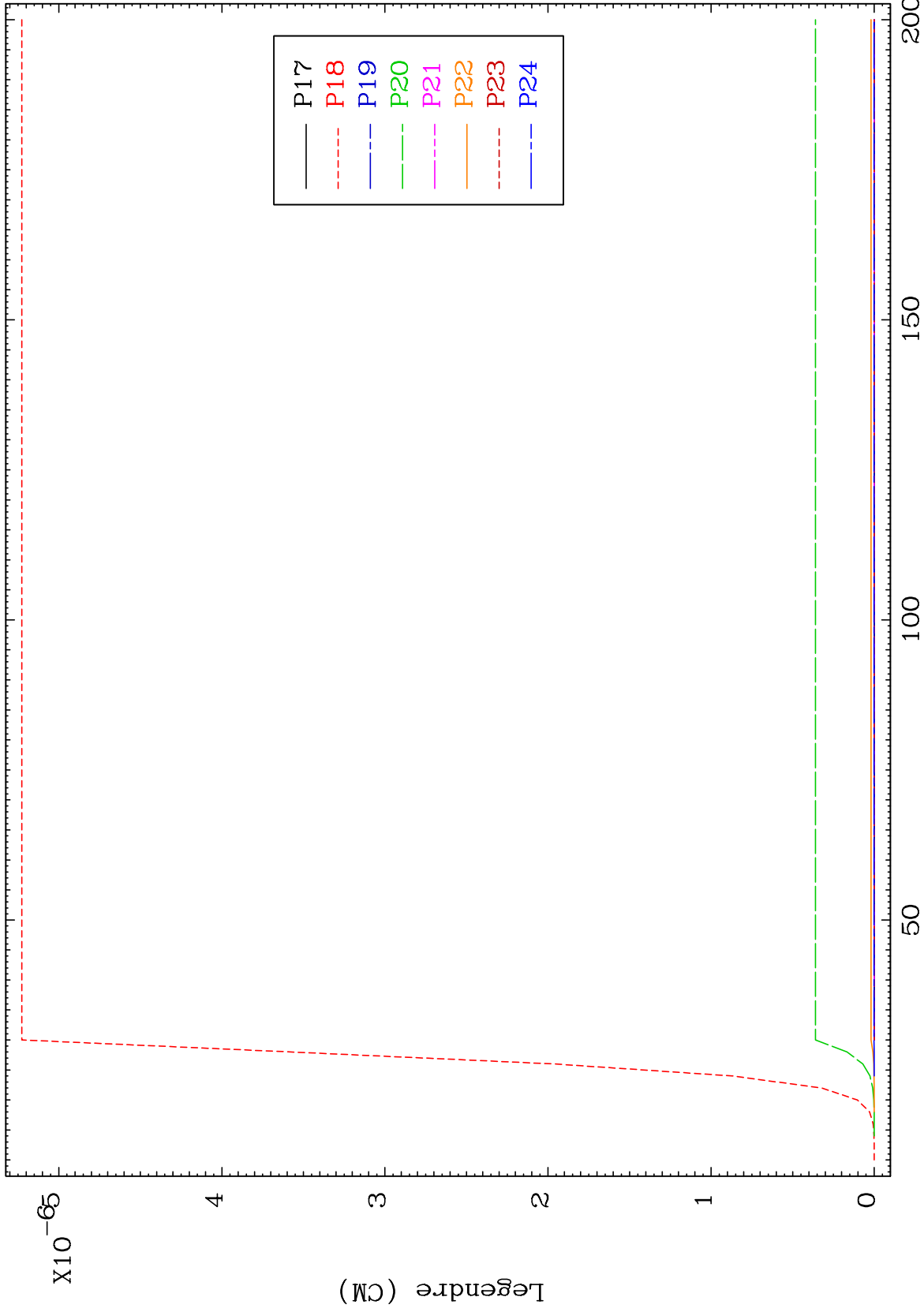


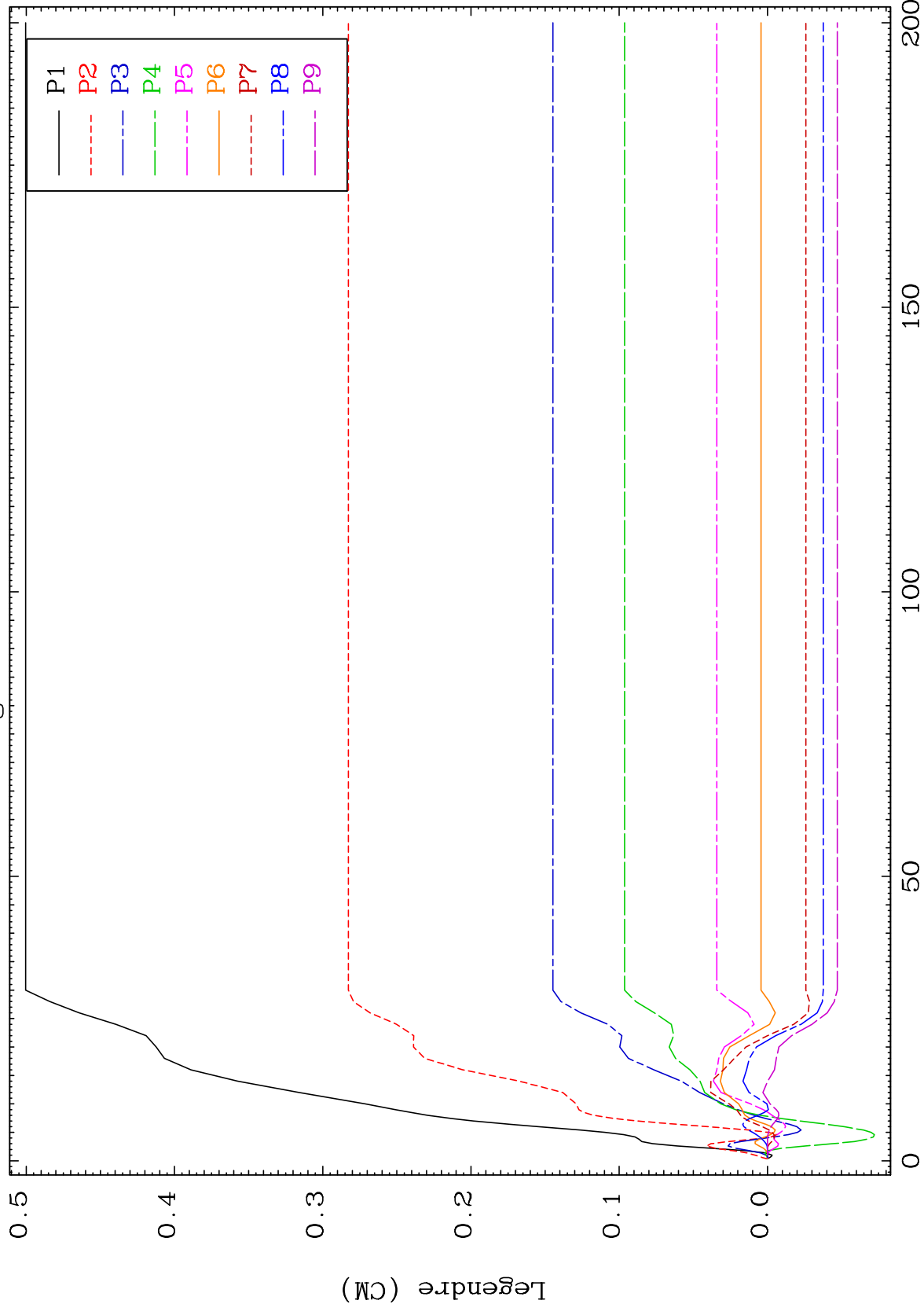
53-I -126

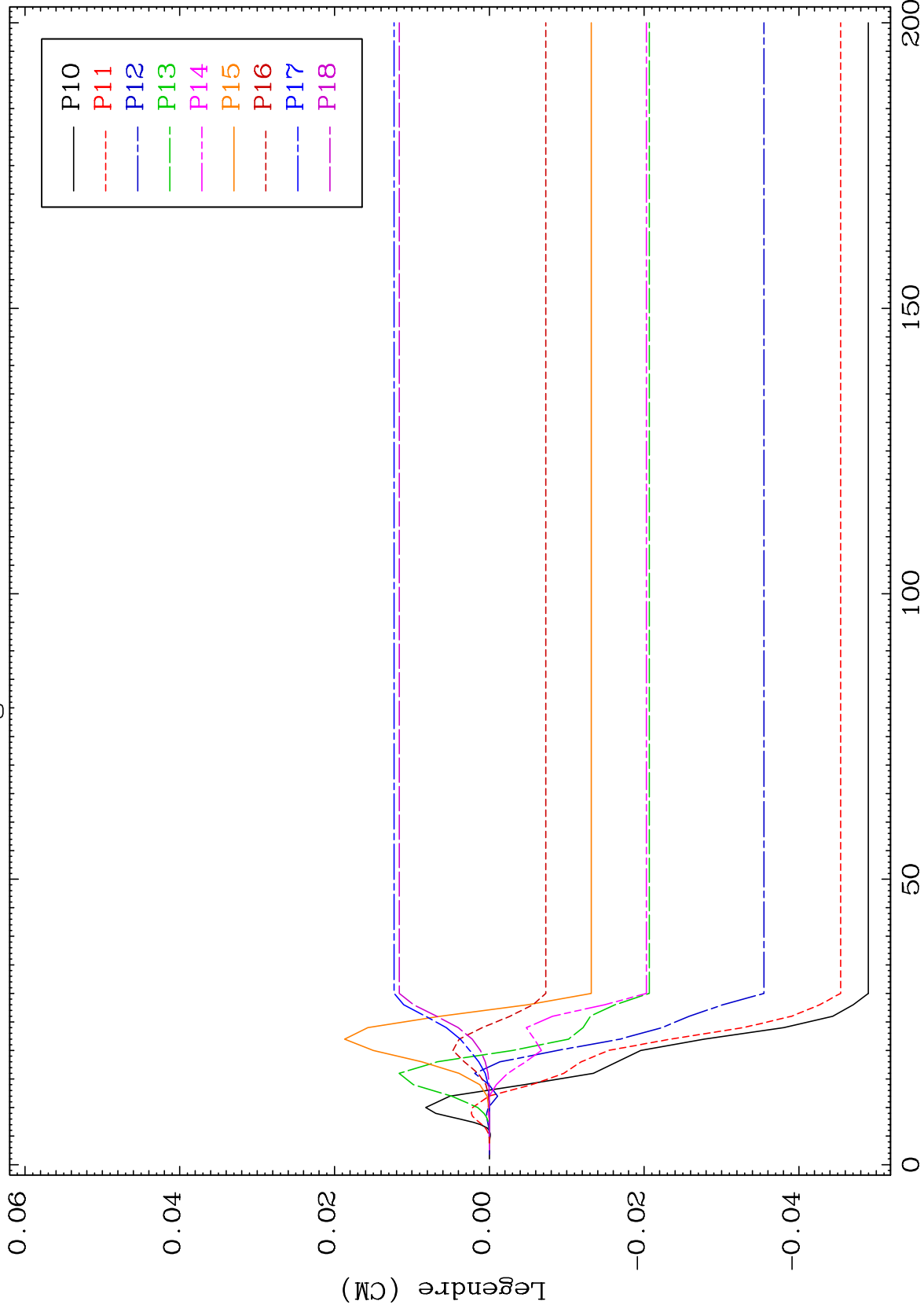
Incident Energy (MeV)

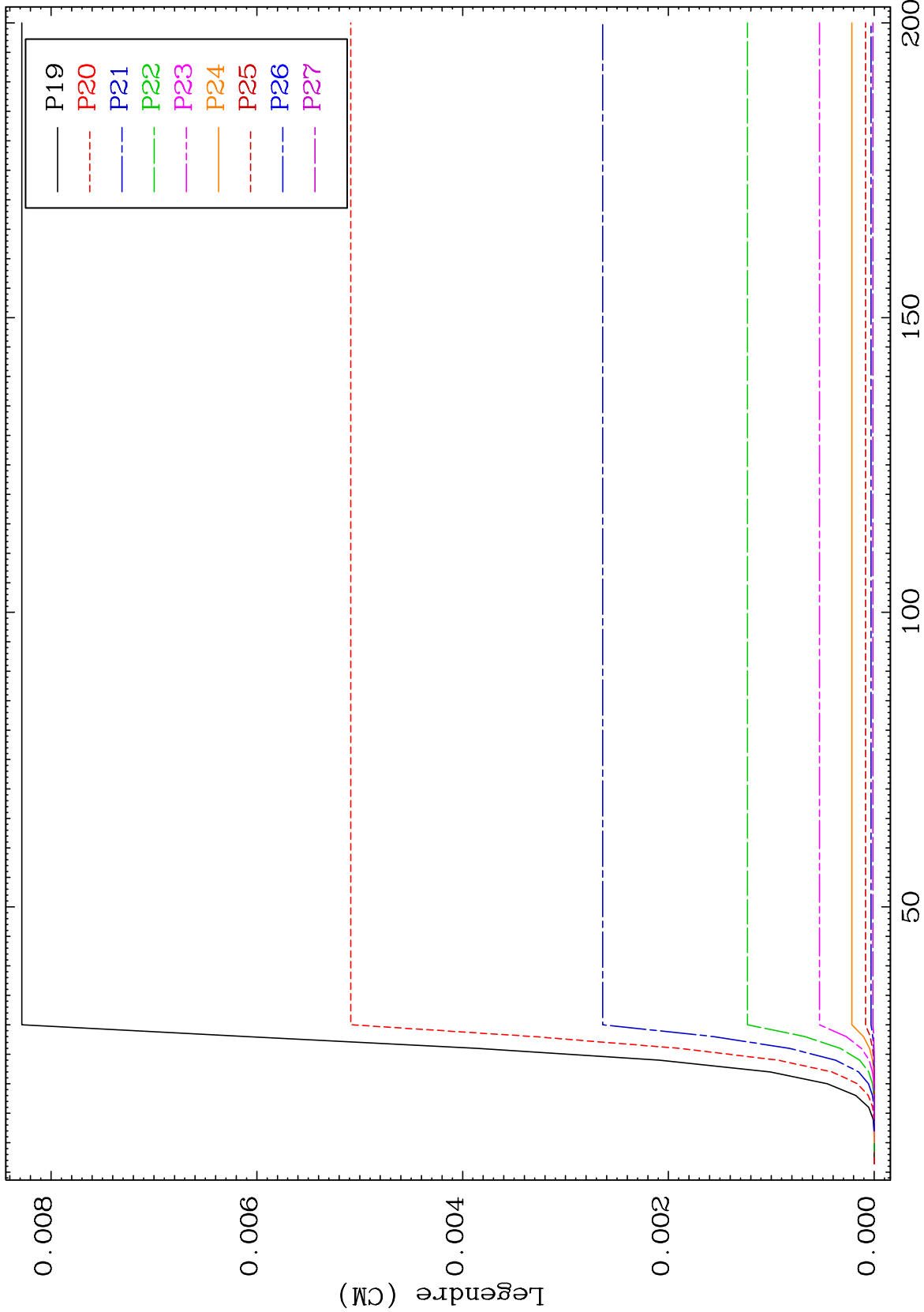
85

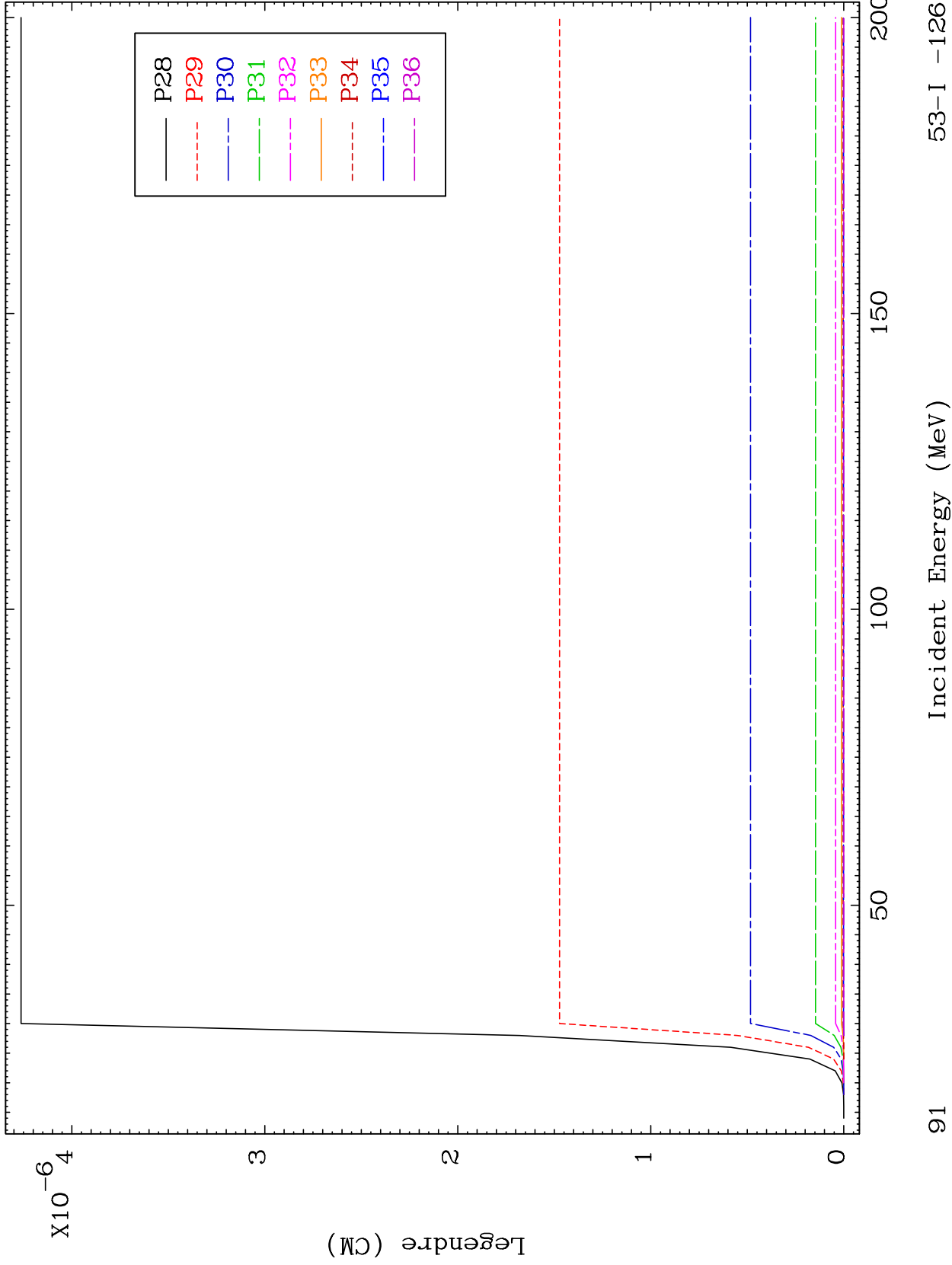


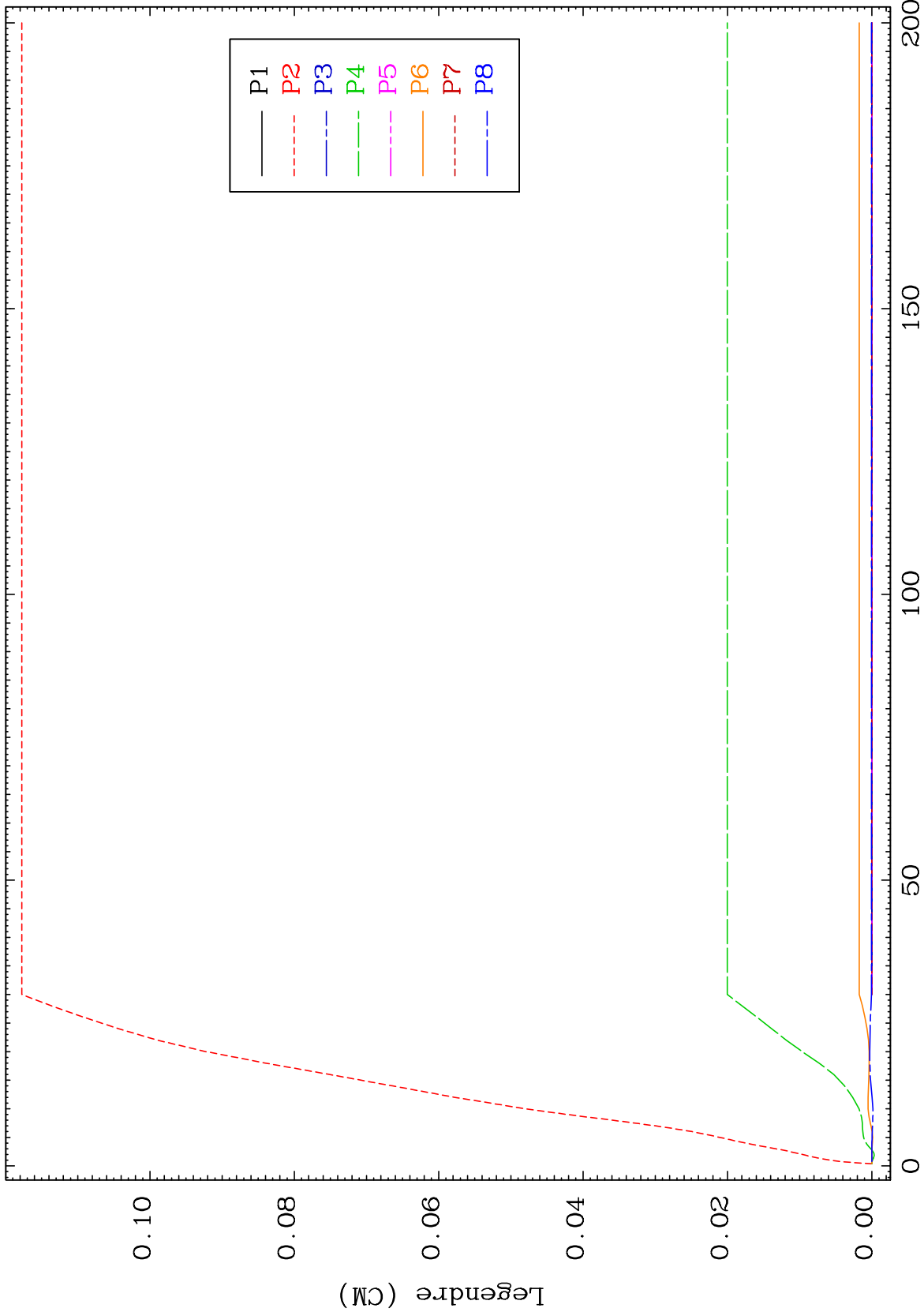


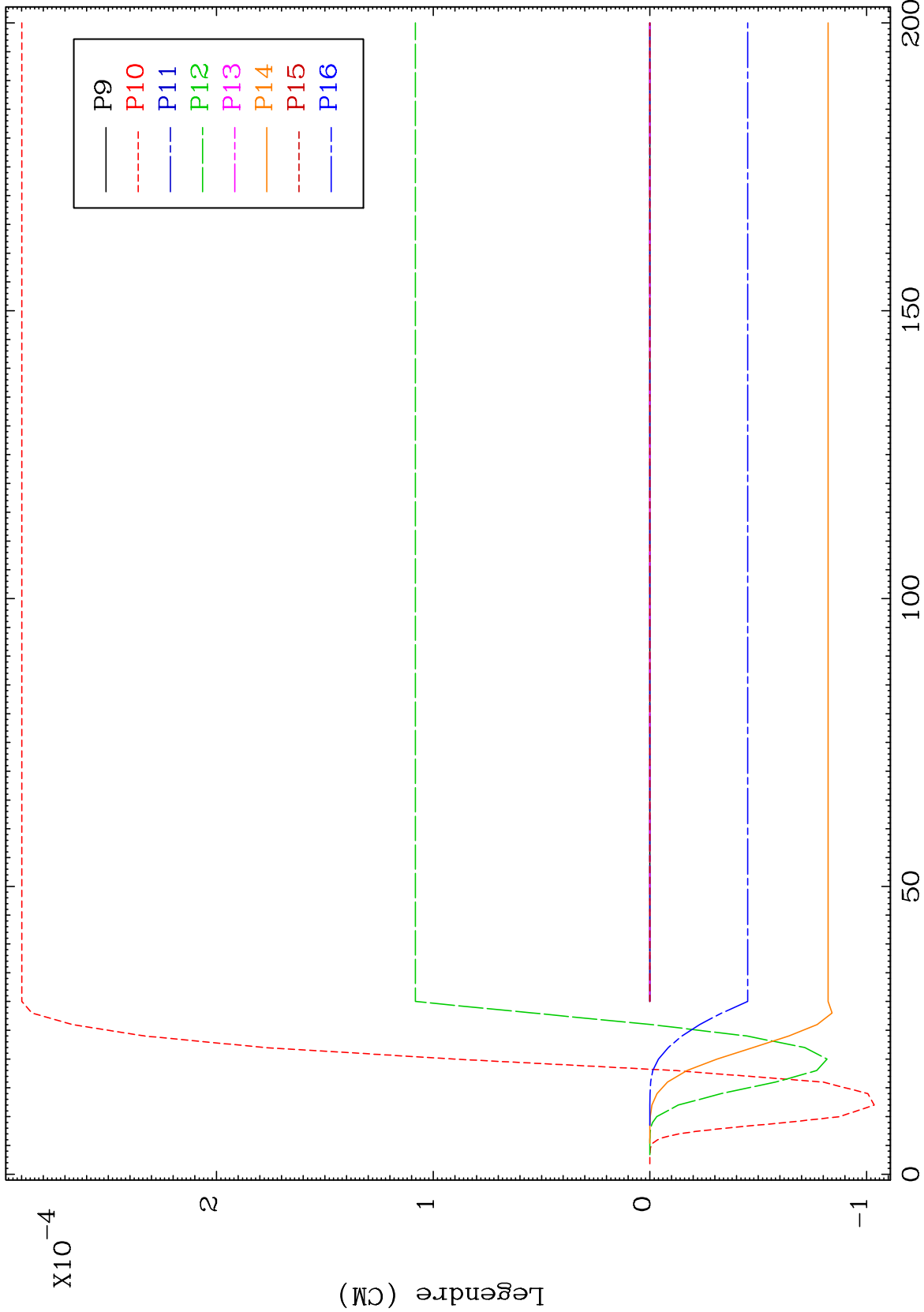


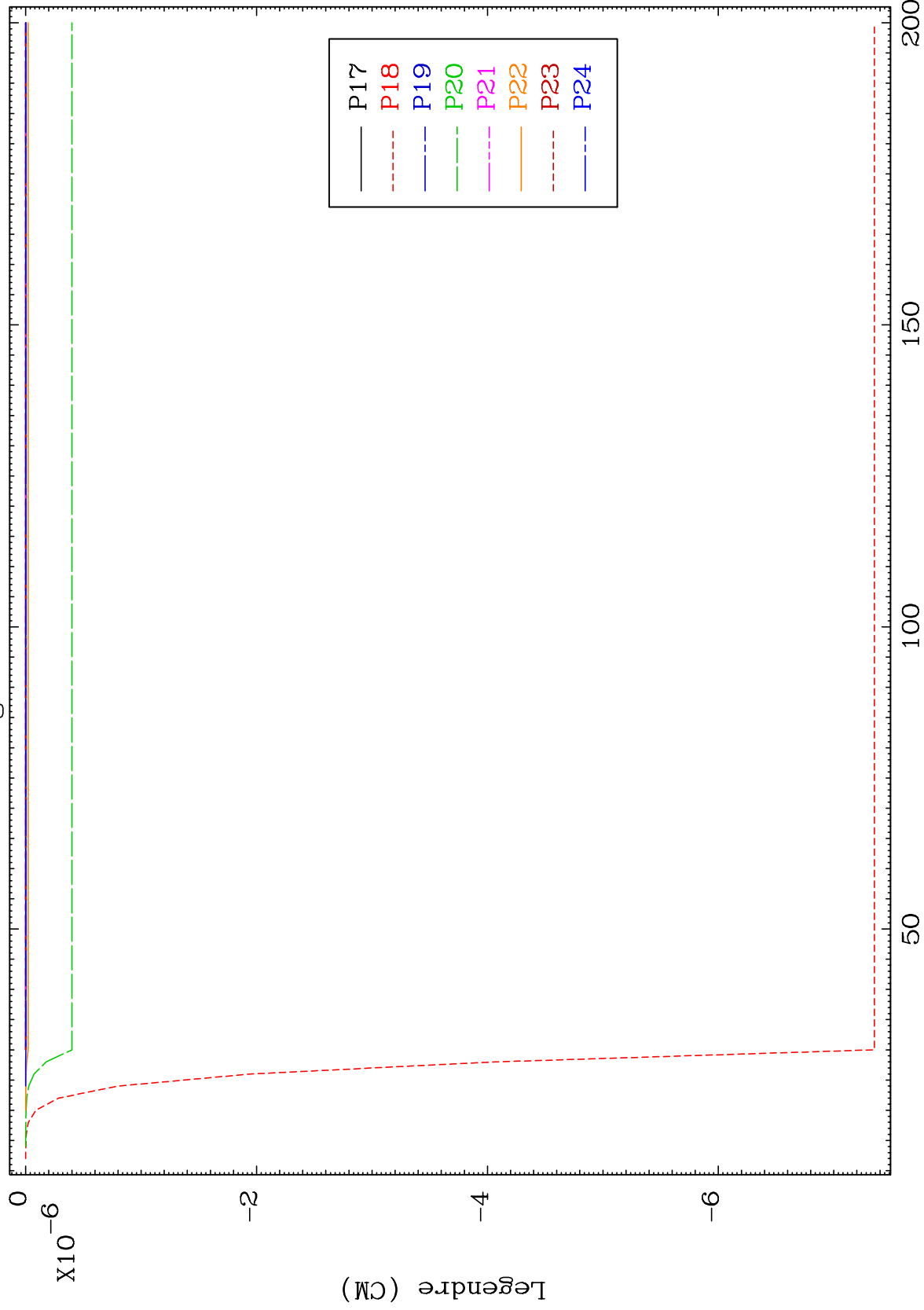


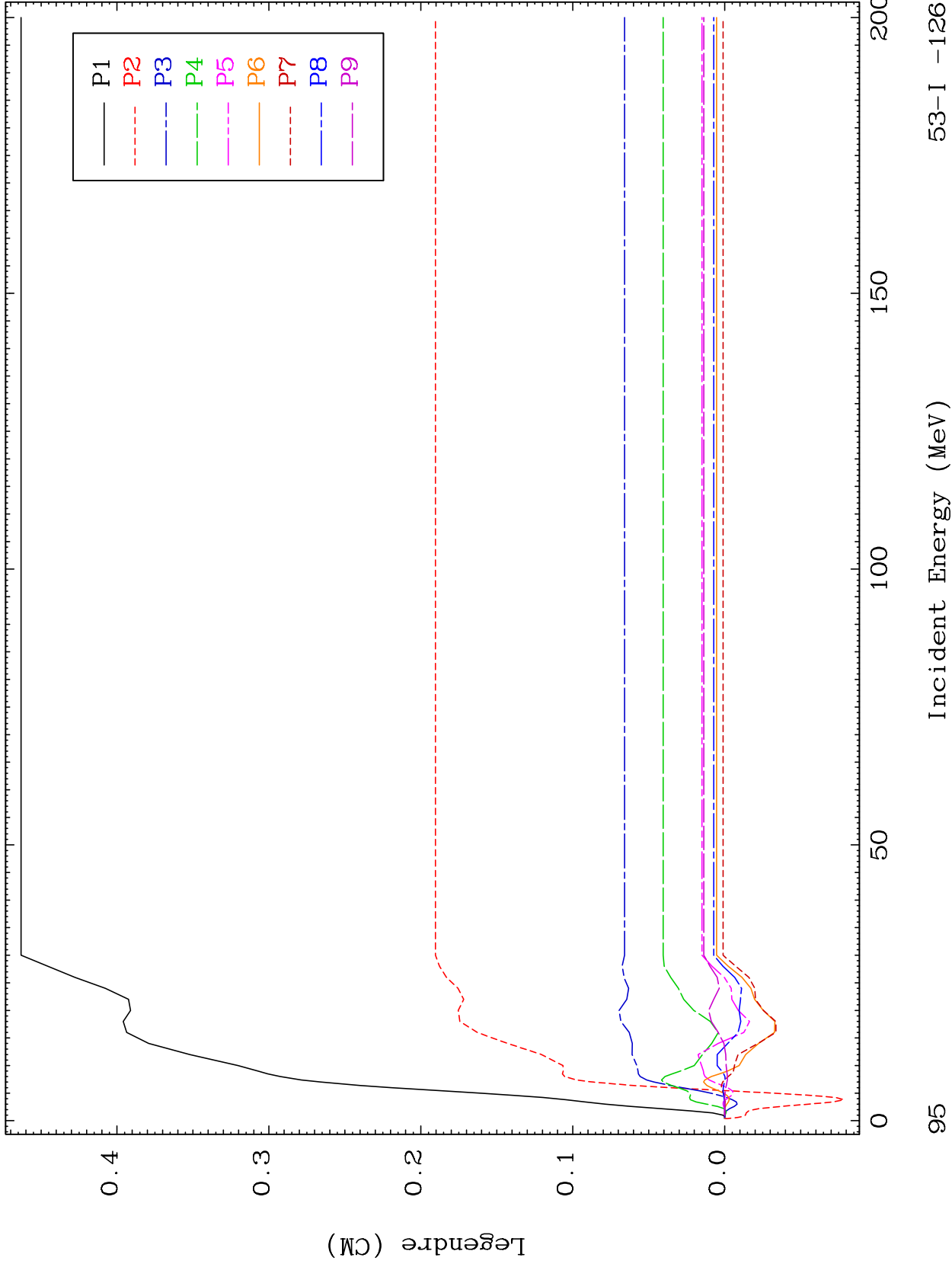


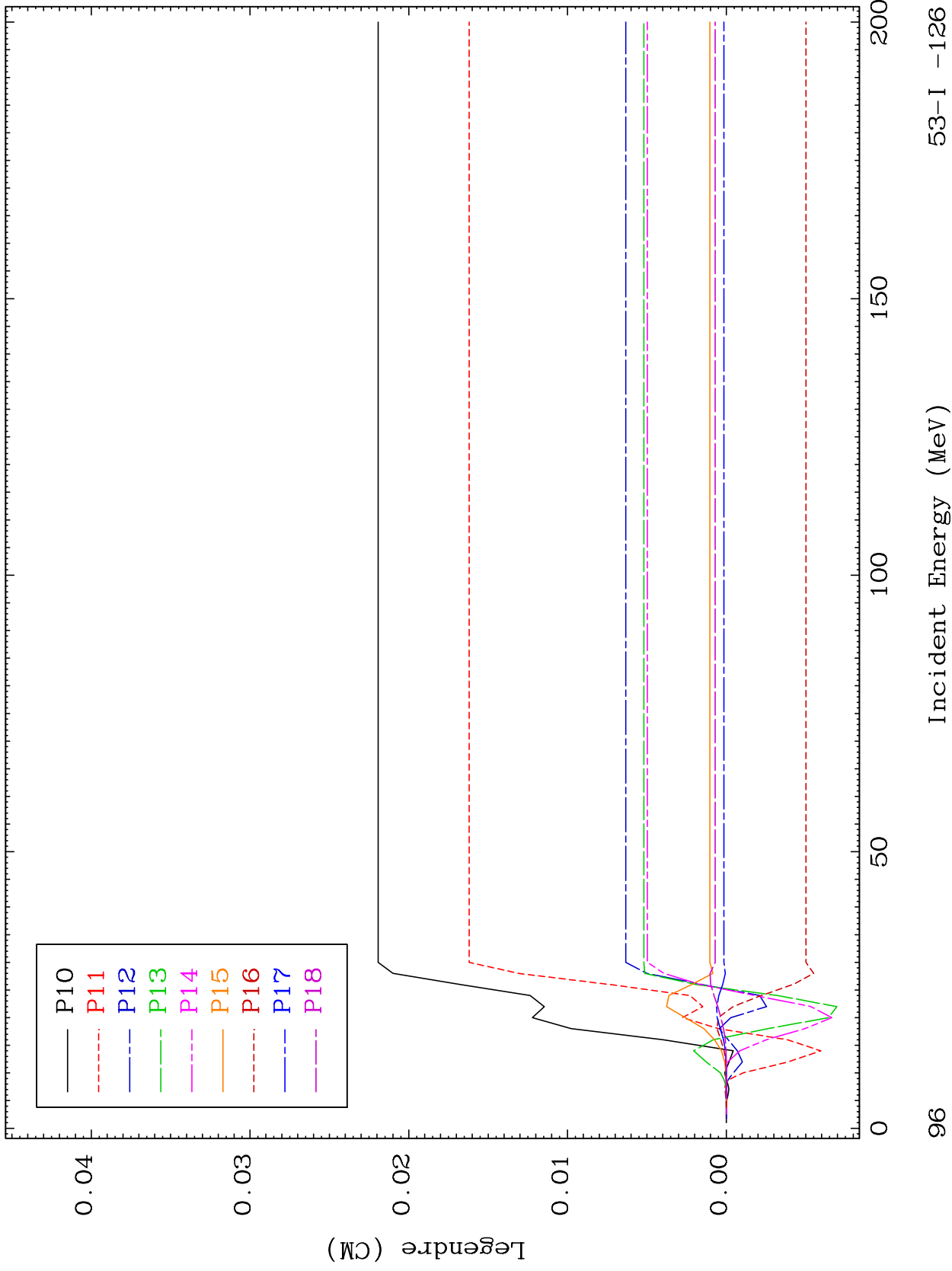


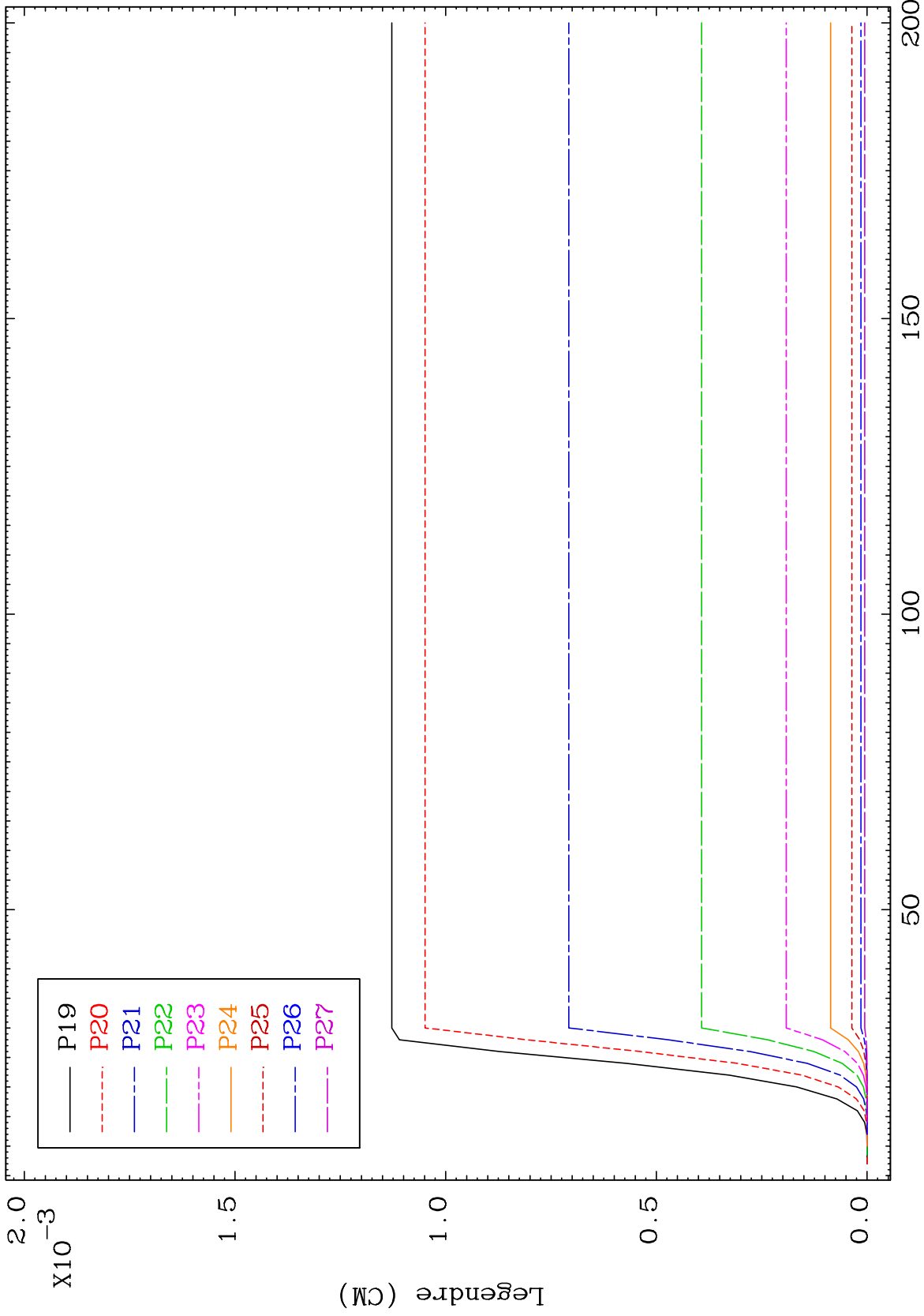


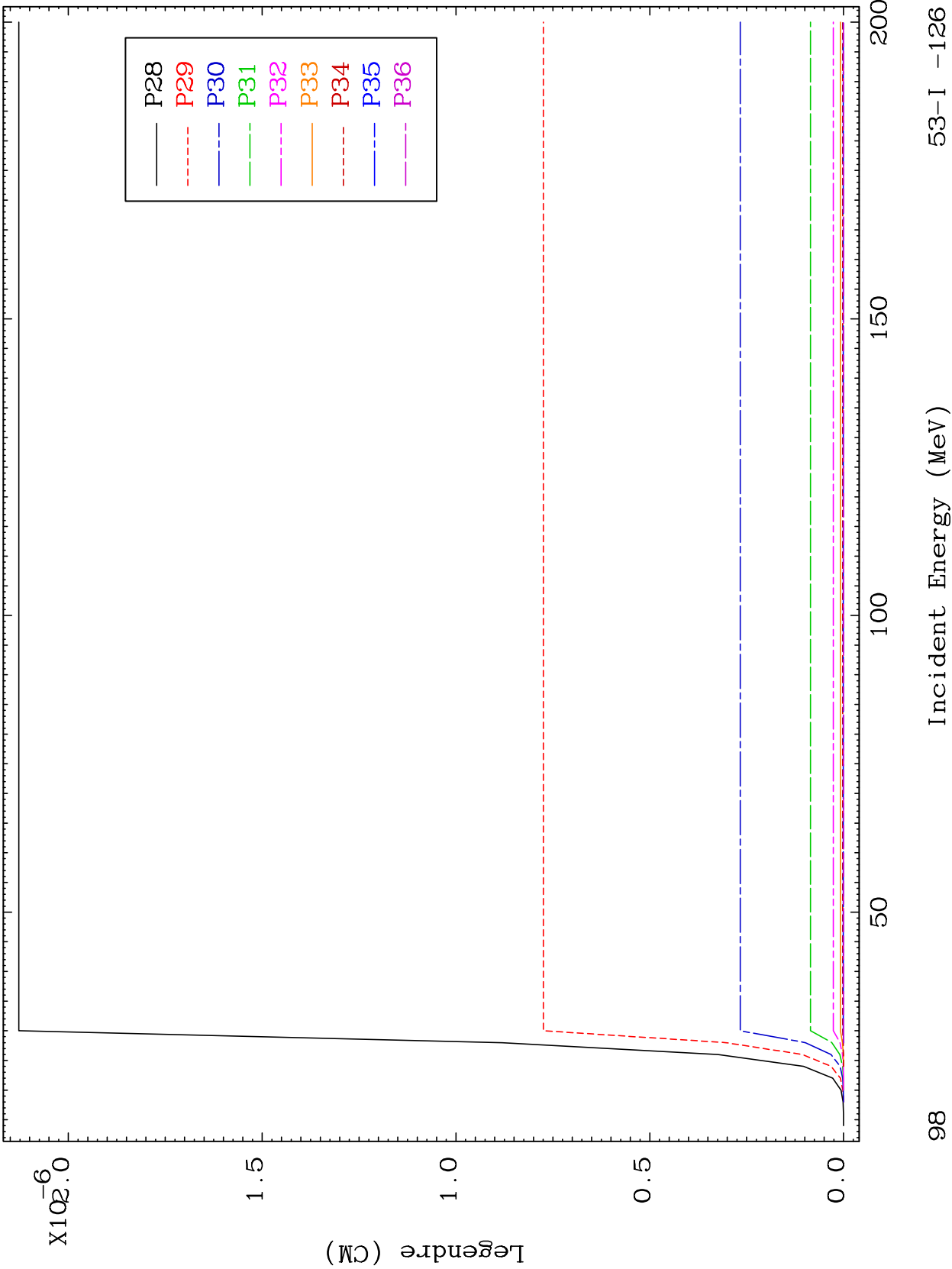


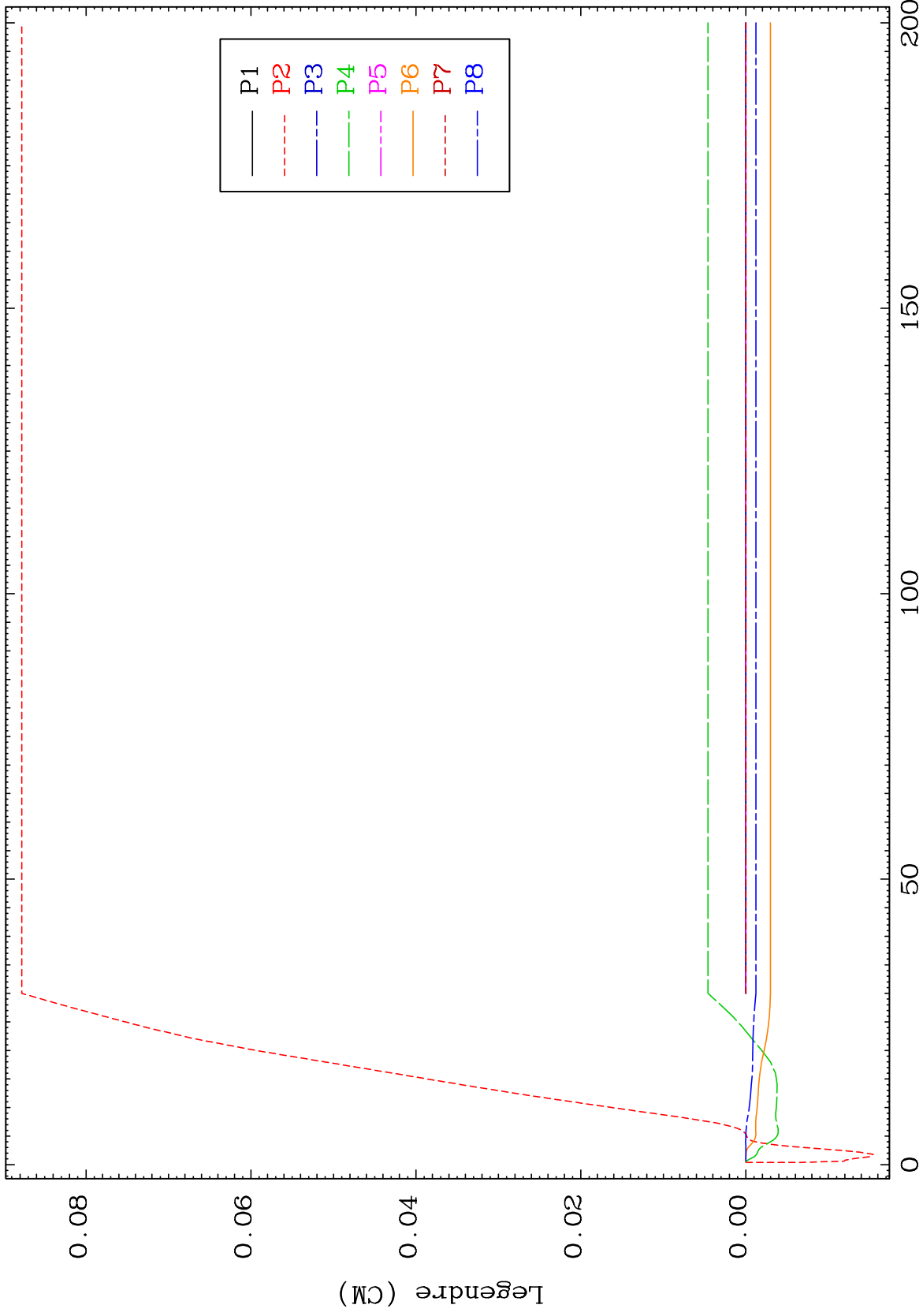








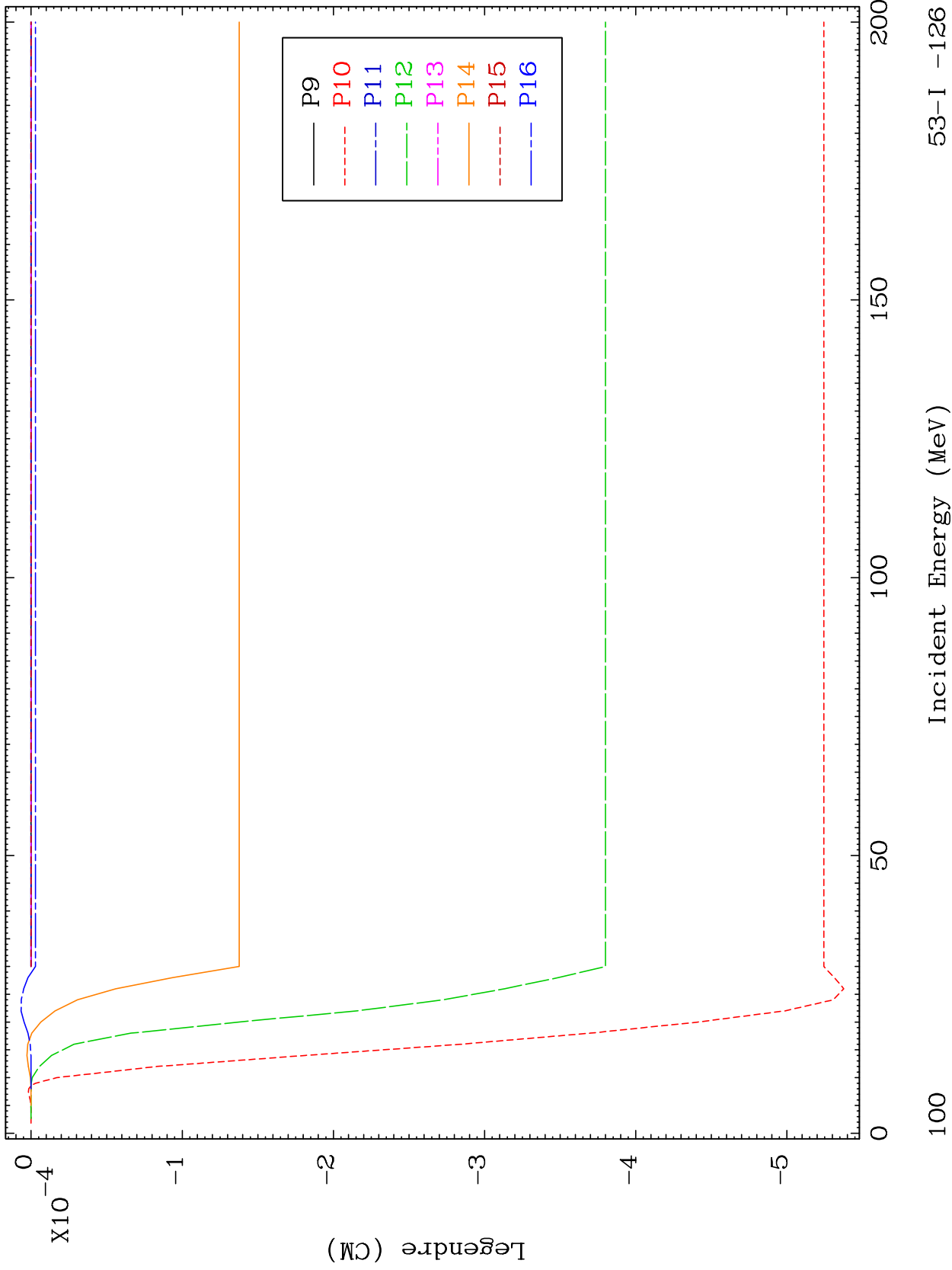




MAT 5322

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

53-I -126



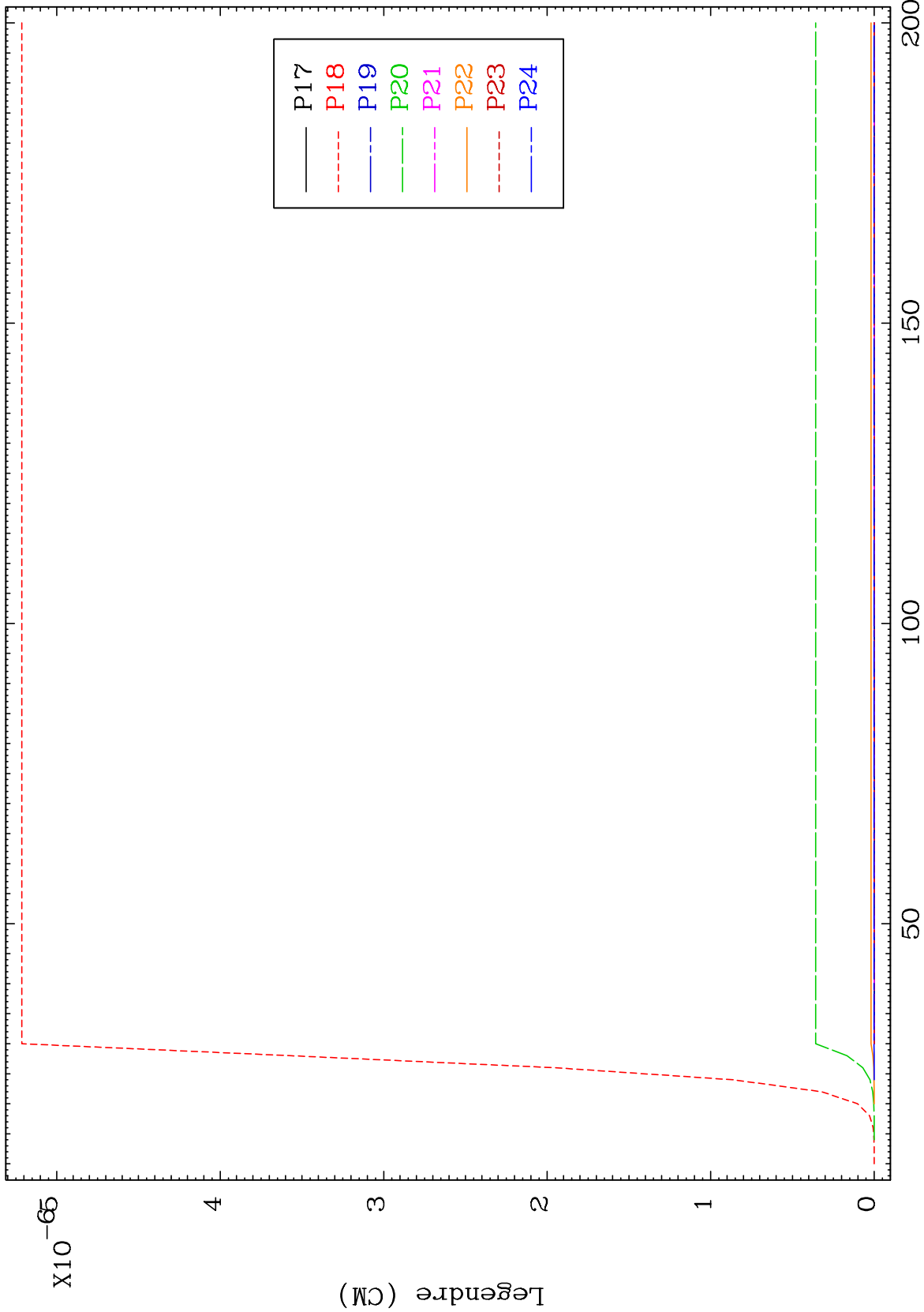
53-I -126

Incident Energy (MeV)

MAT 5322

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

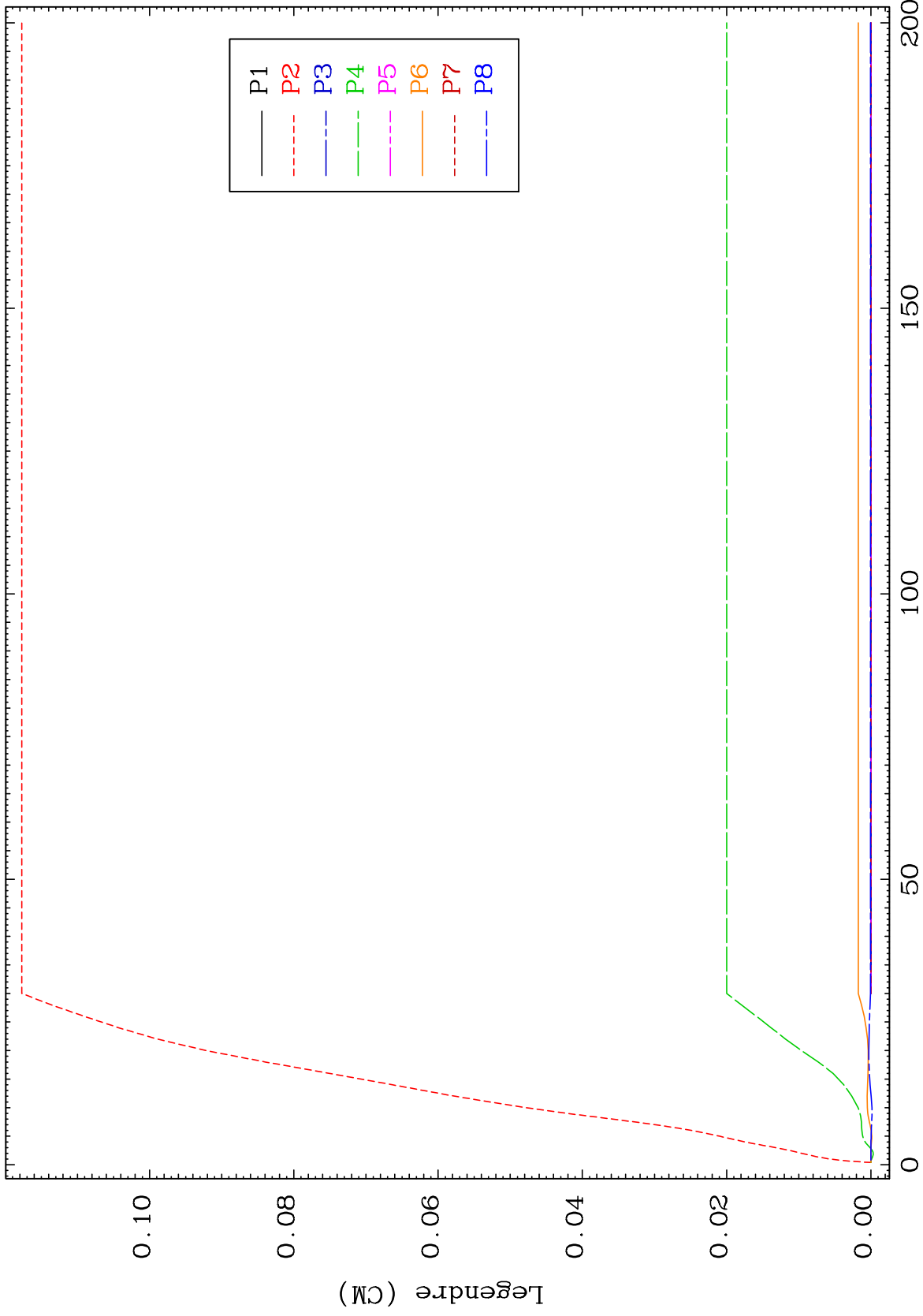
53-I -126



101

Incident Energy (MeV)

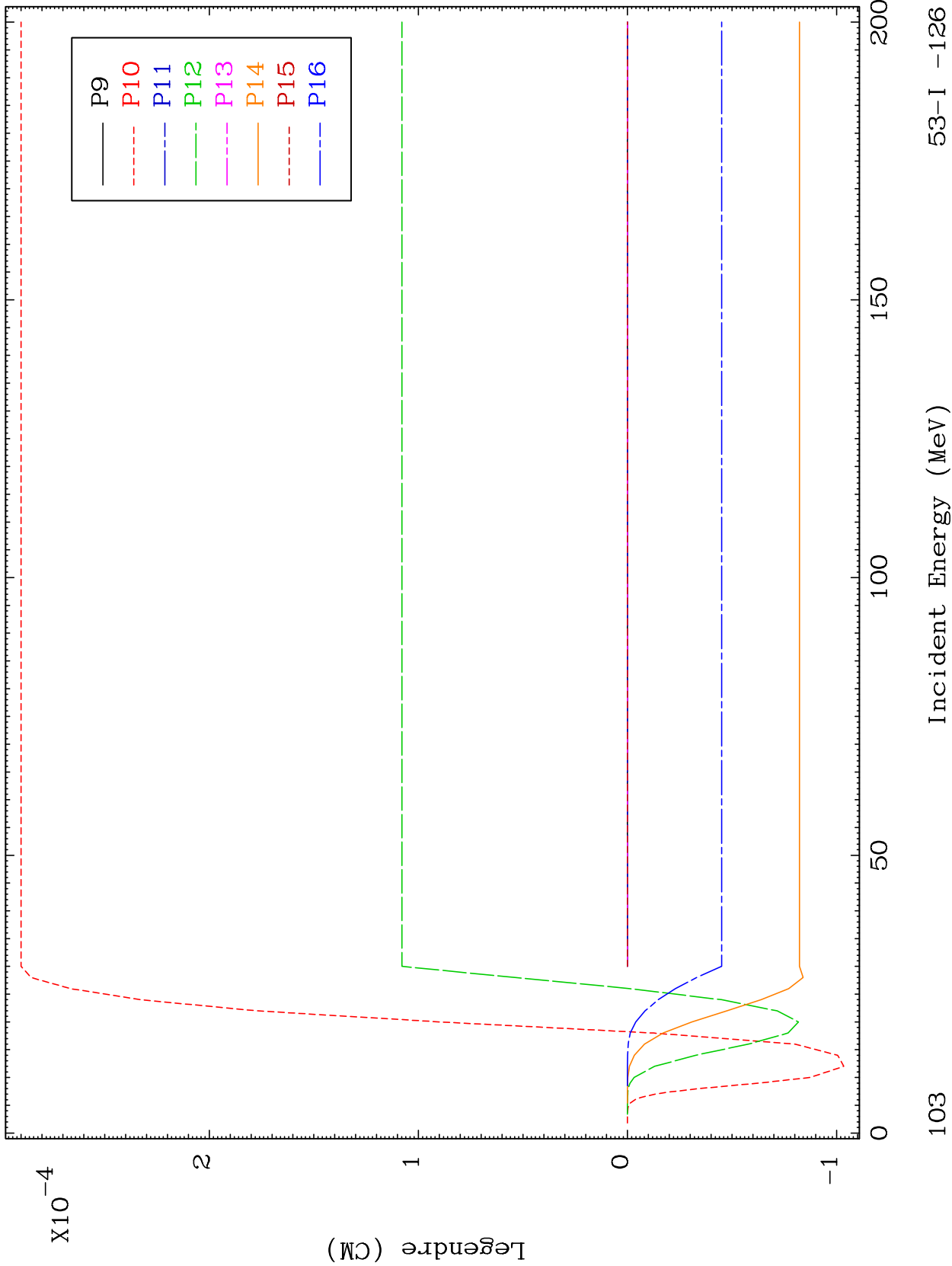
53-I -126



MAT 5322

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

53-I -126



53-I -126

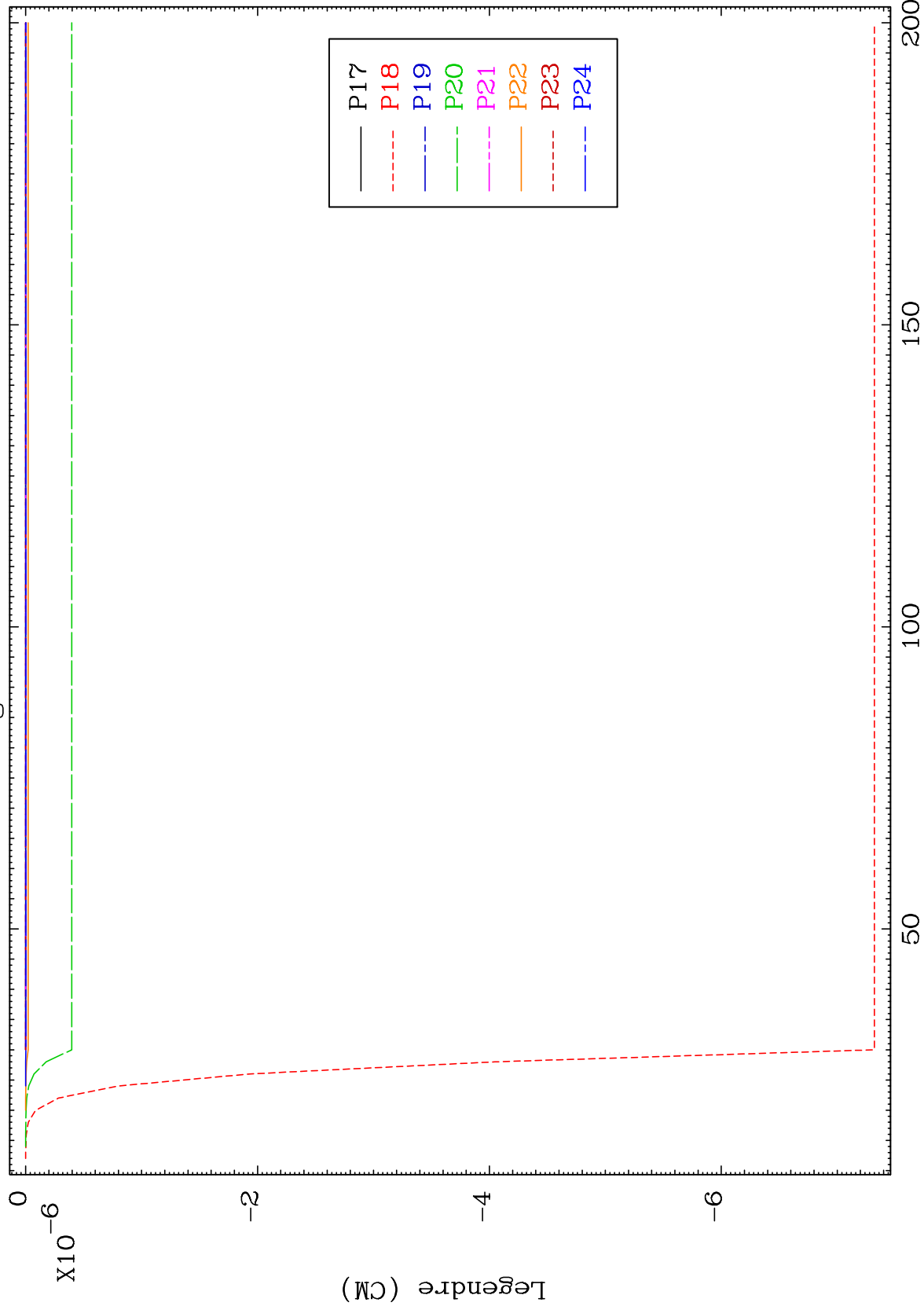
Incident Energy (MeV)

103

MAT 5322

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

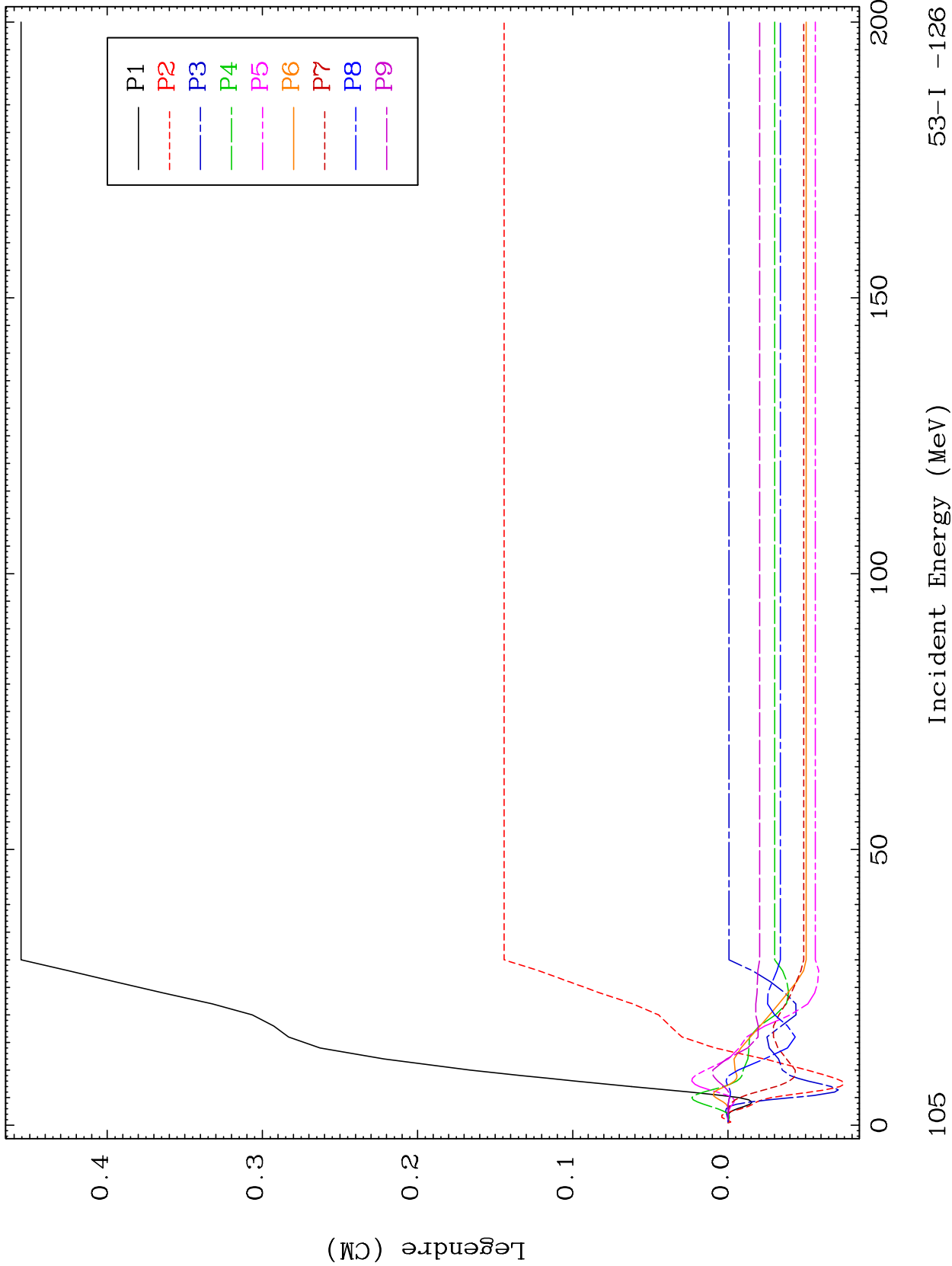
53-I -126



104

Incident Energy (MeV)

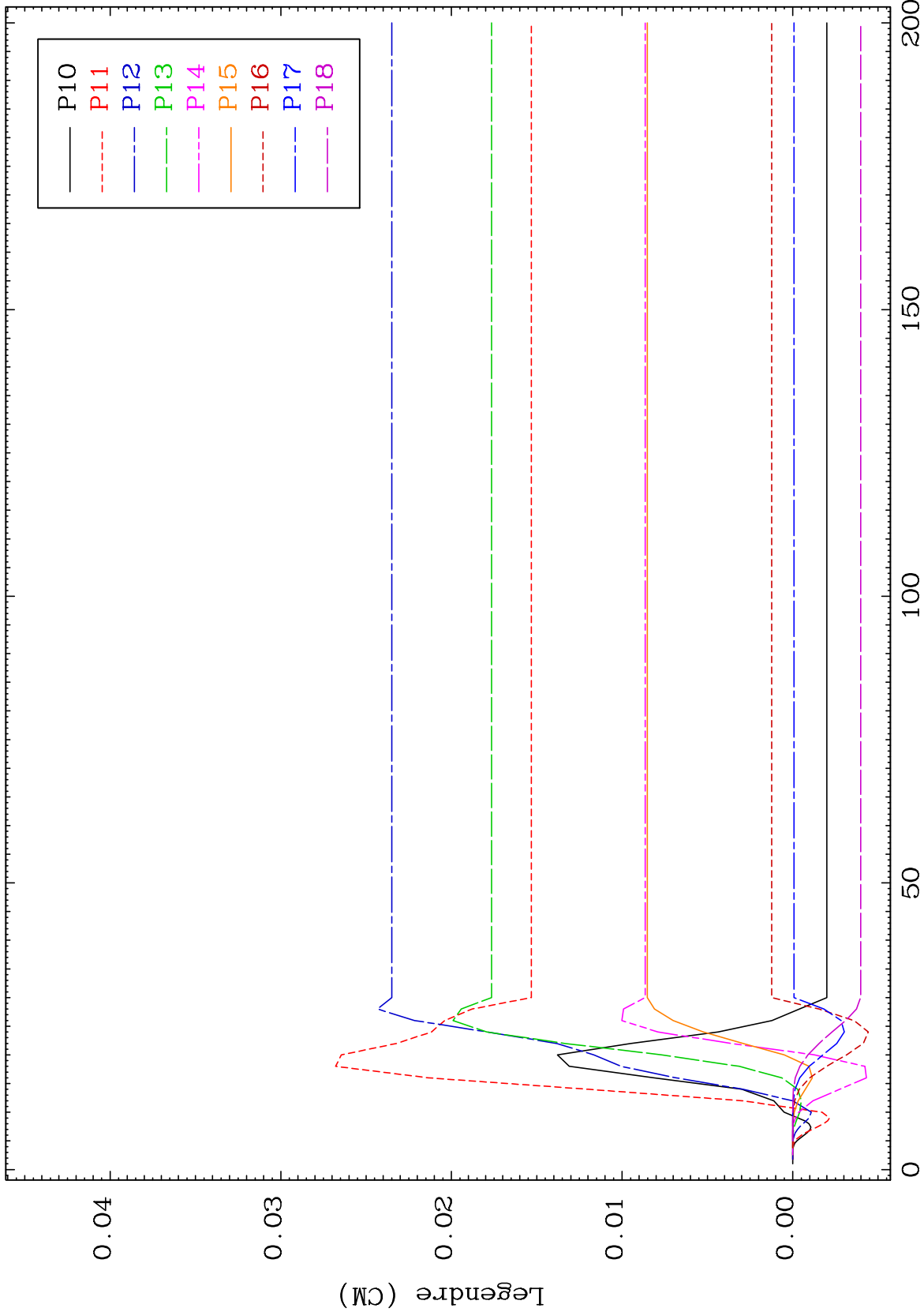
53-I -126



MAT 5322

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

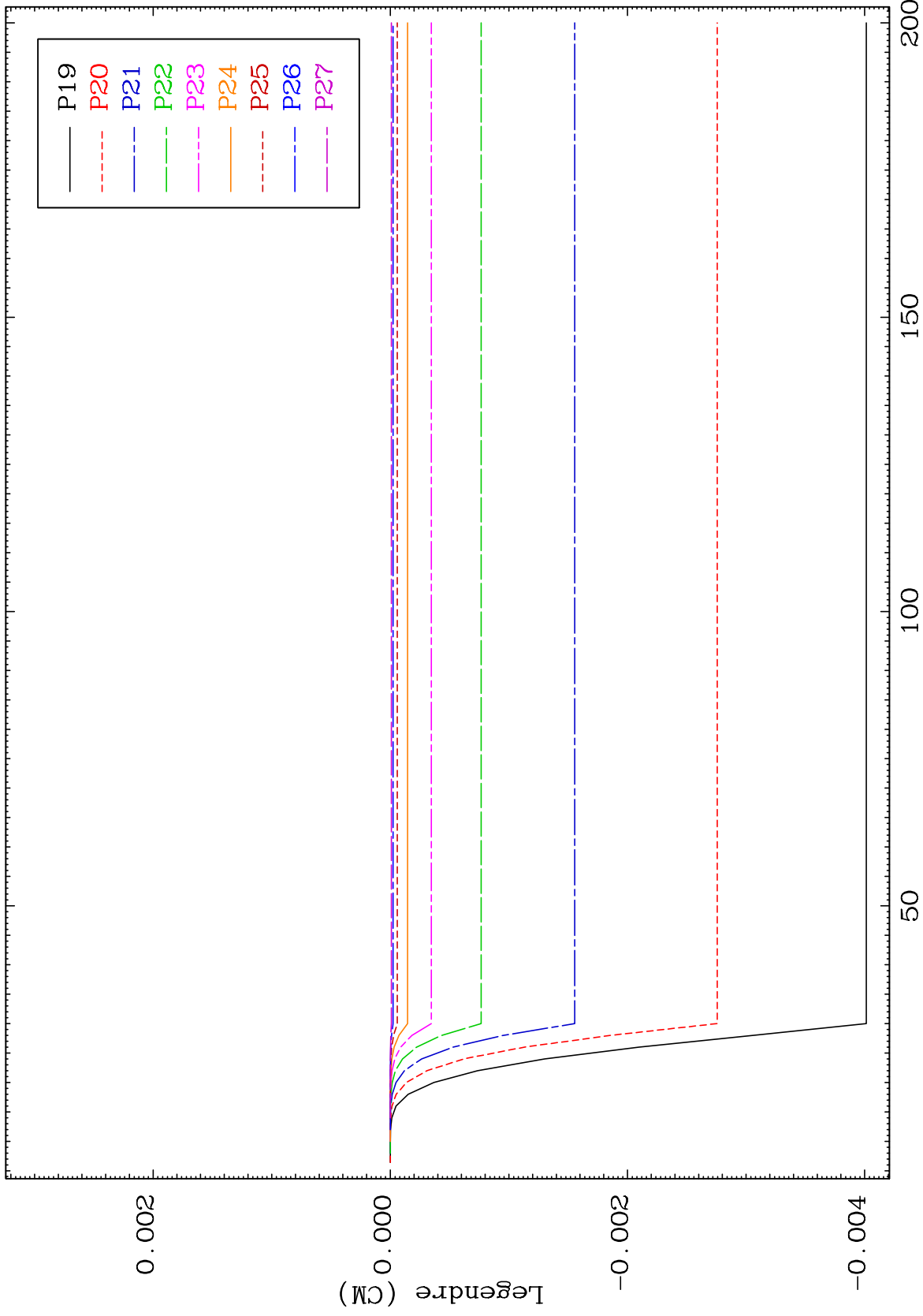
53-I -126



106

Incident Energy (MeV)

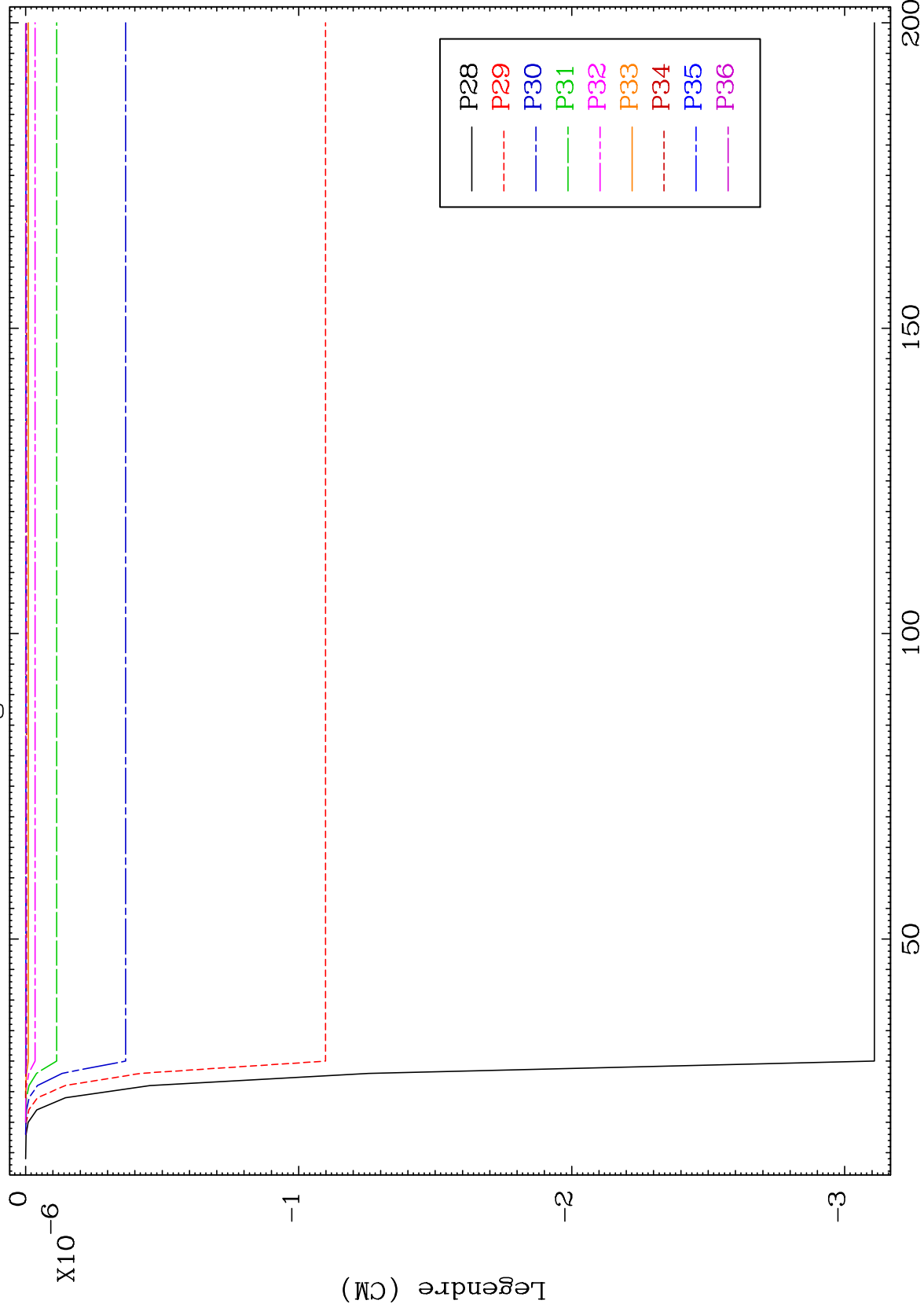
53-I -126



MAT 5322

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

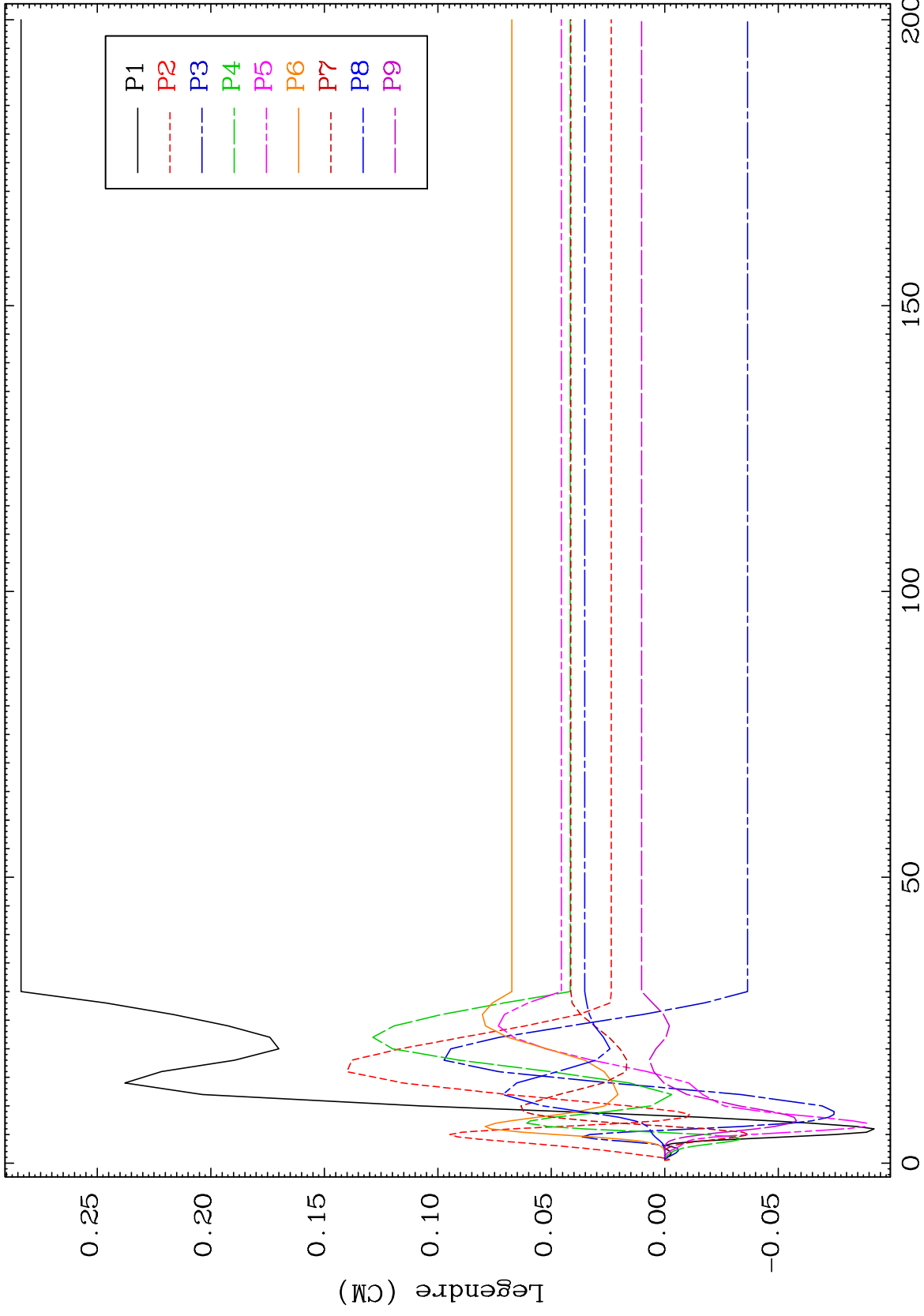
53-I -126



108

Incident Energy (MeV)

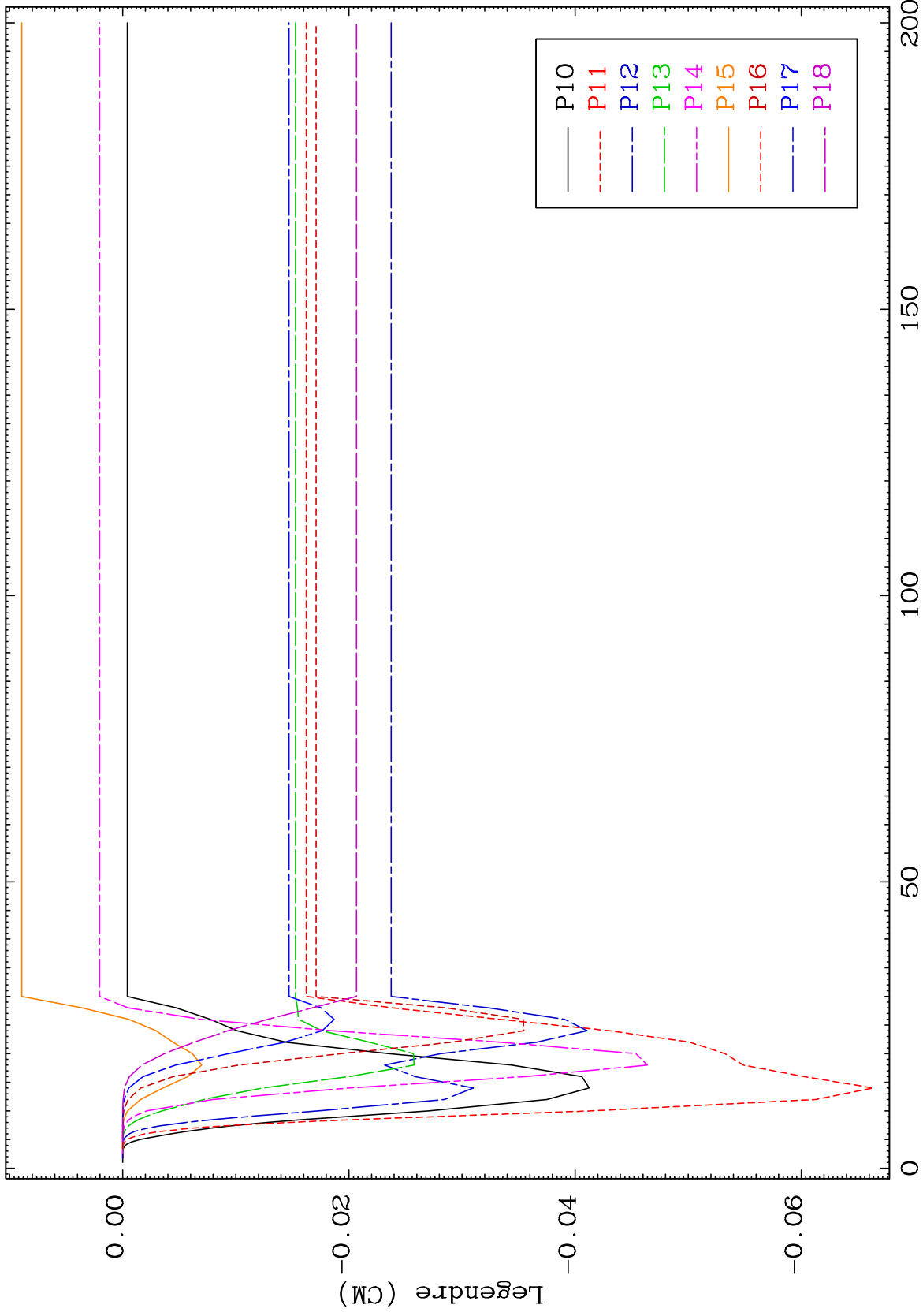
53-I -126



MAT 5322

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

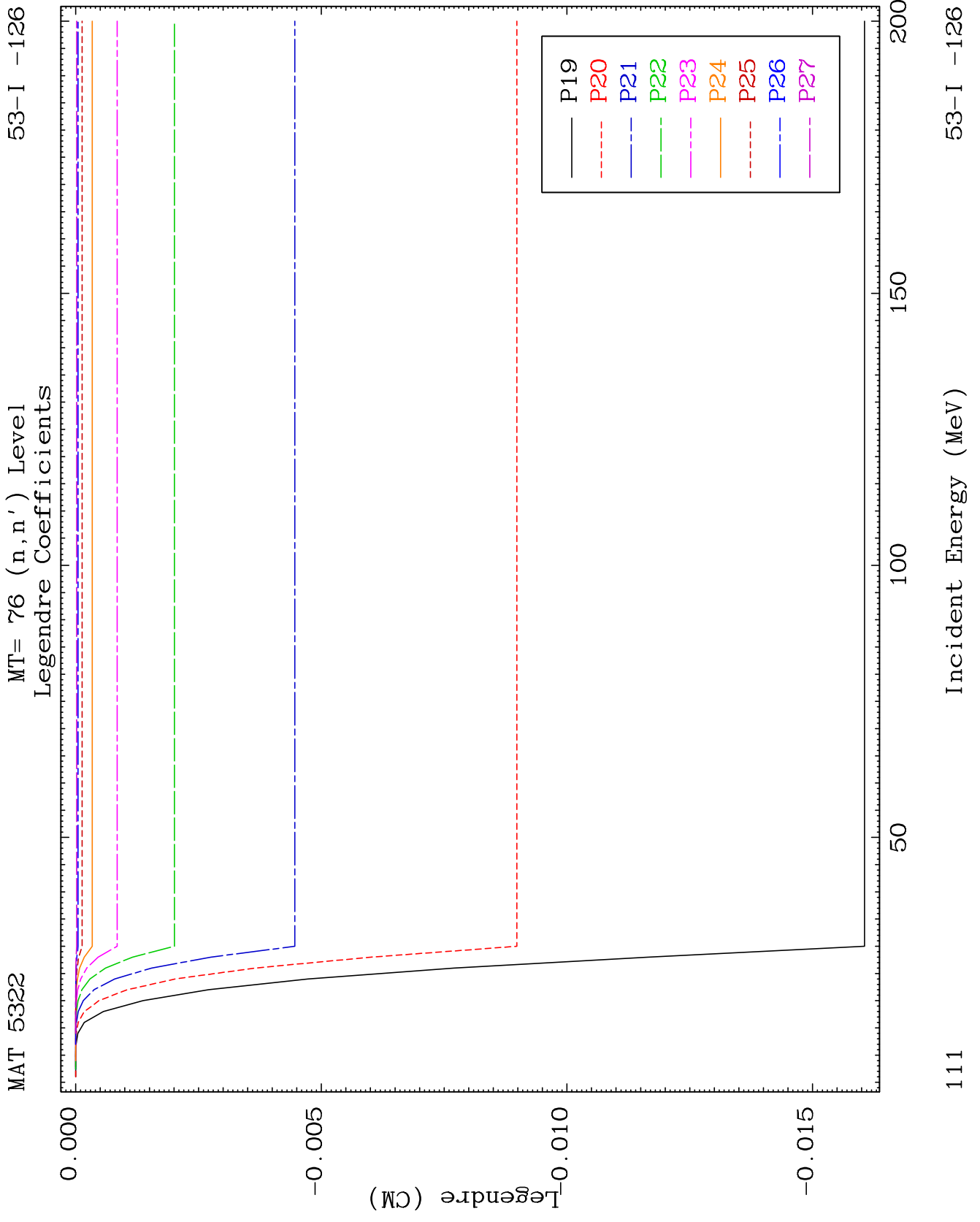
53-I -126



110

Incident Energy (MeV)

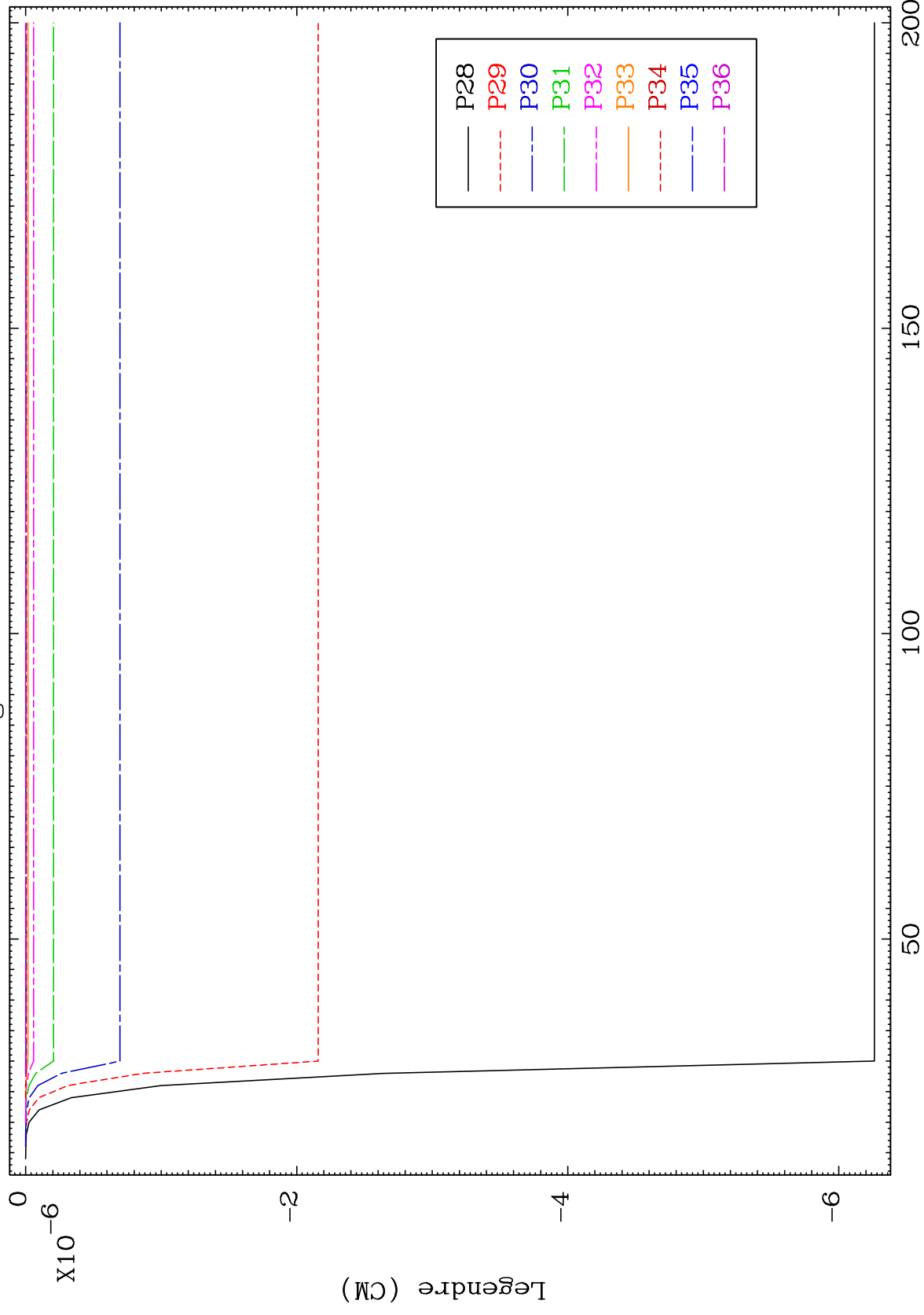
53-I -126



MAT 5322

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

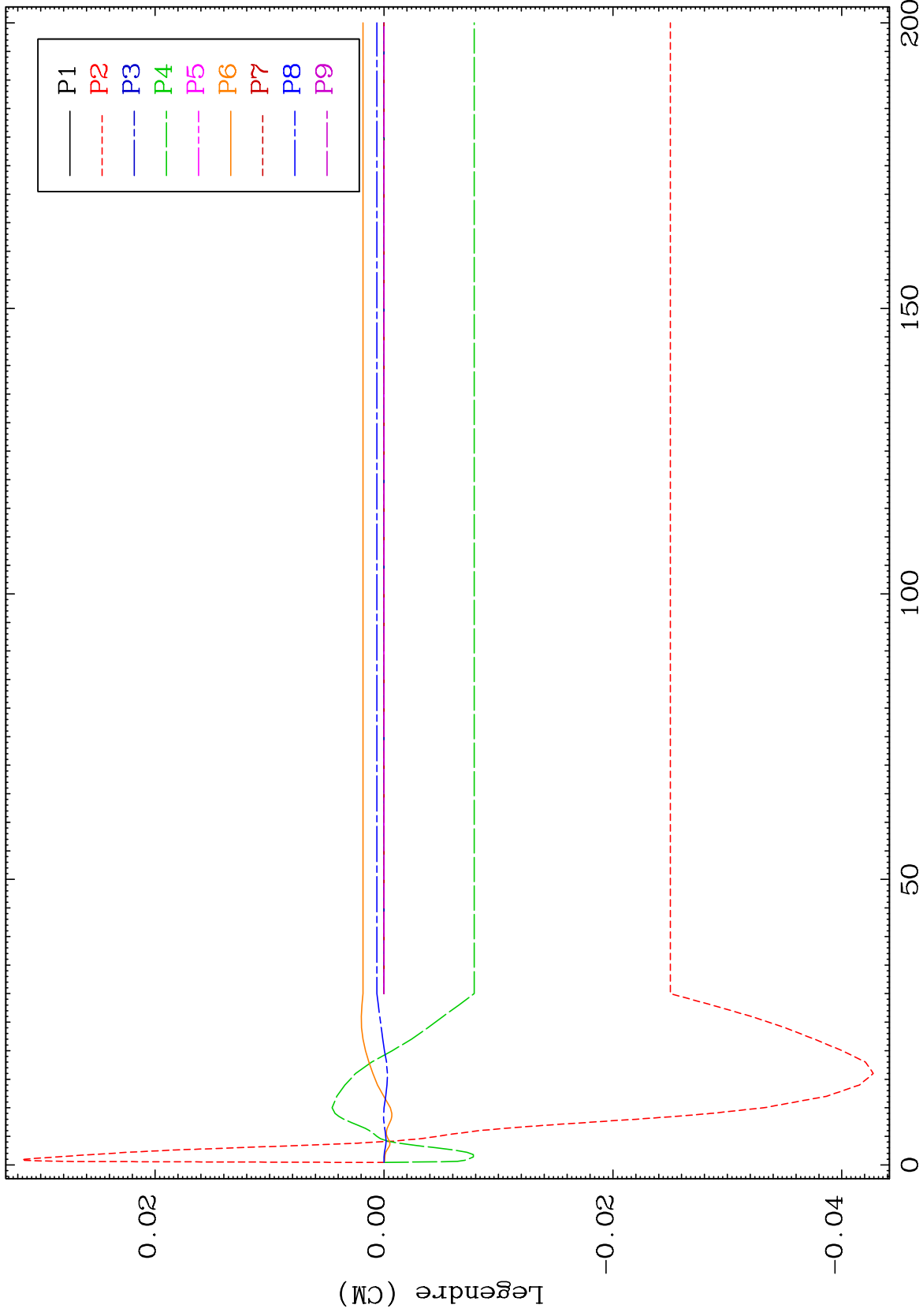
53-I -126

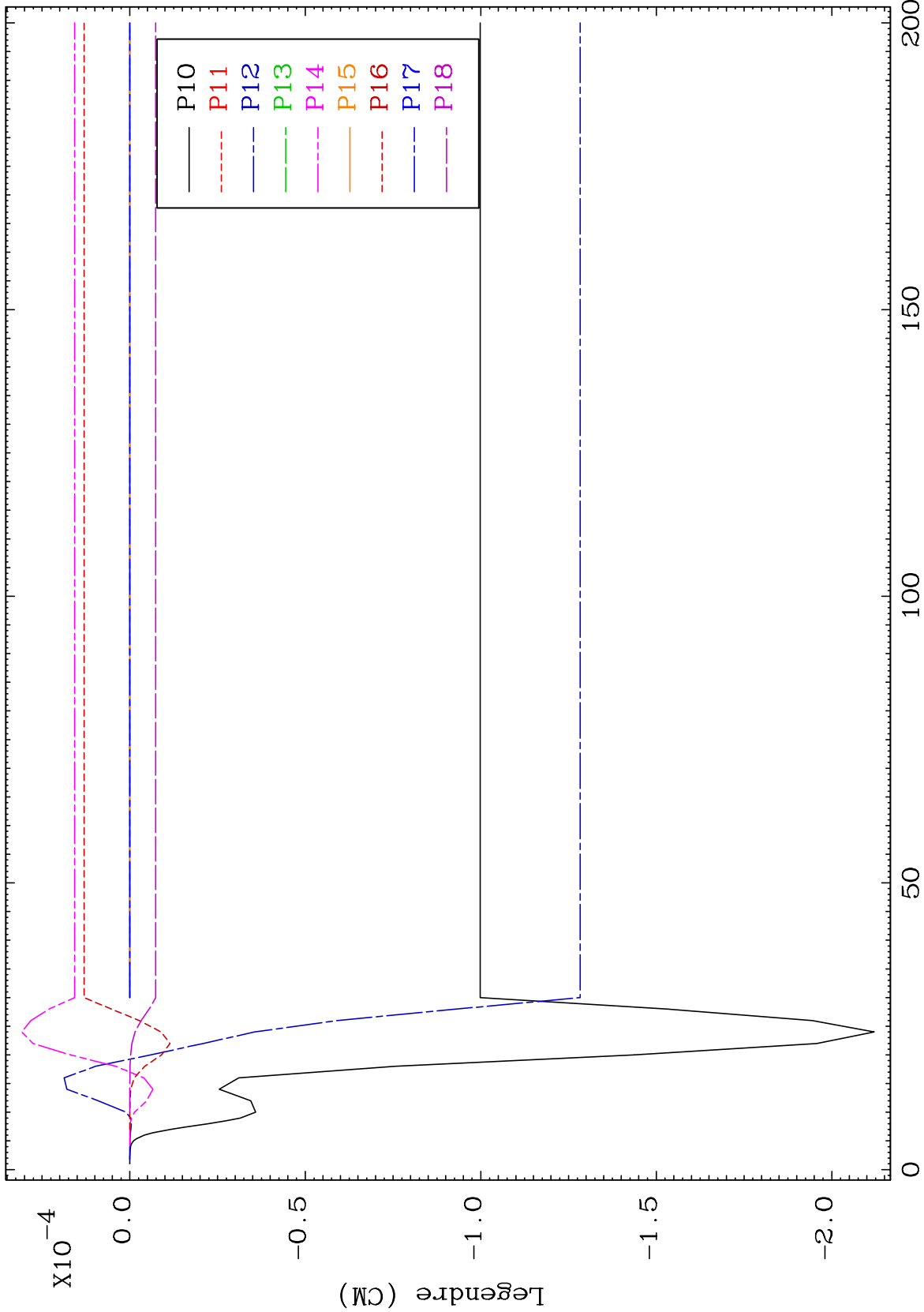


112

Incident Energy (MeV)

53-I -126

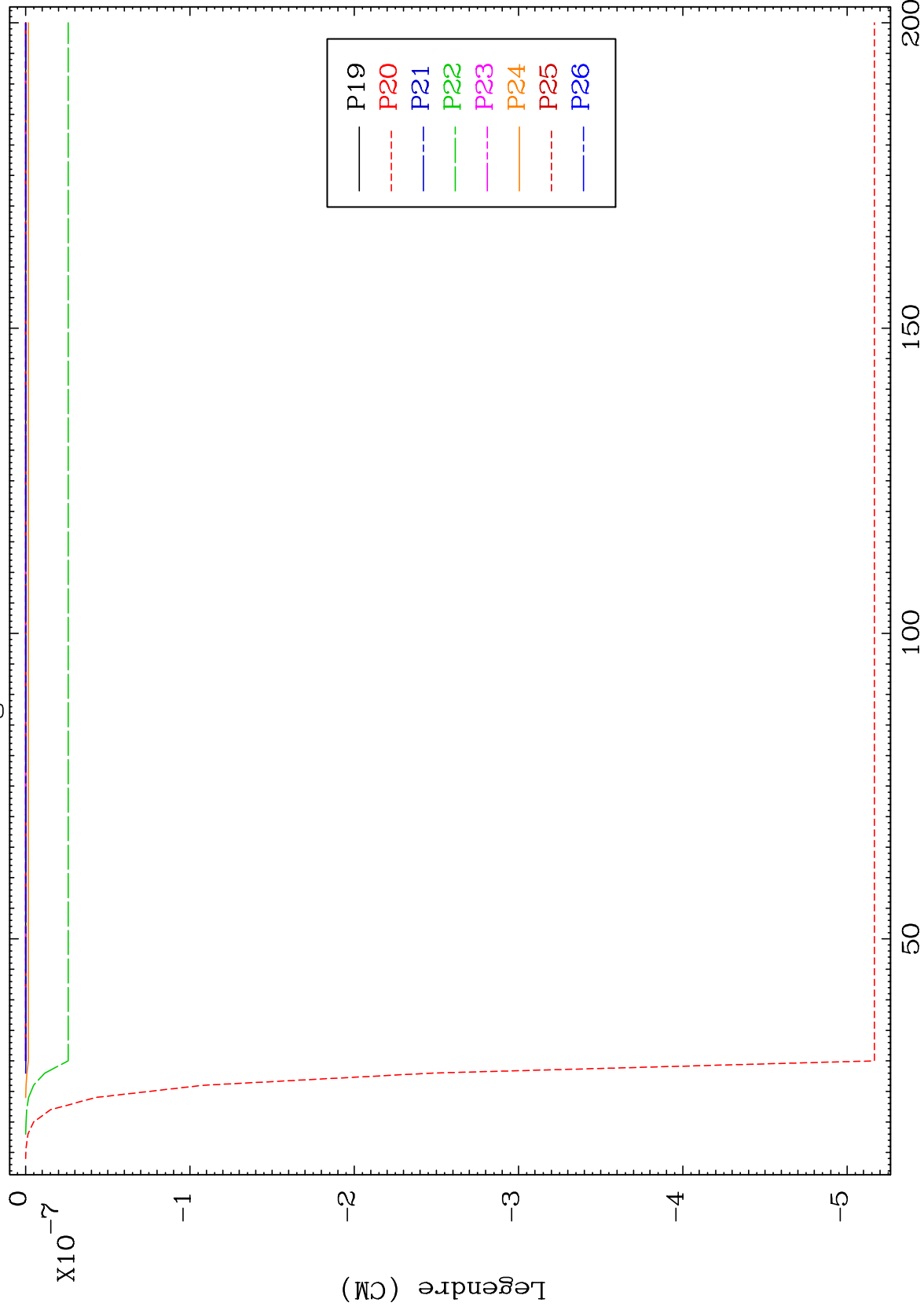




MAT 5322

MT= 77 (n,n') Level
Legendre Coefficients

53-I -126



115

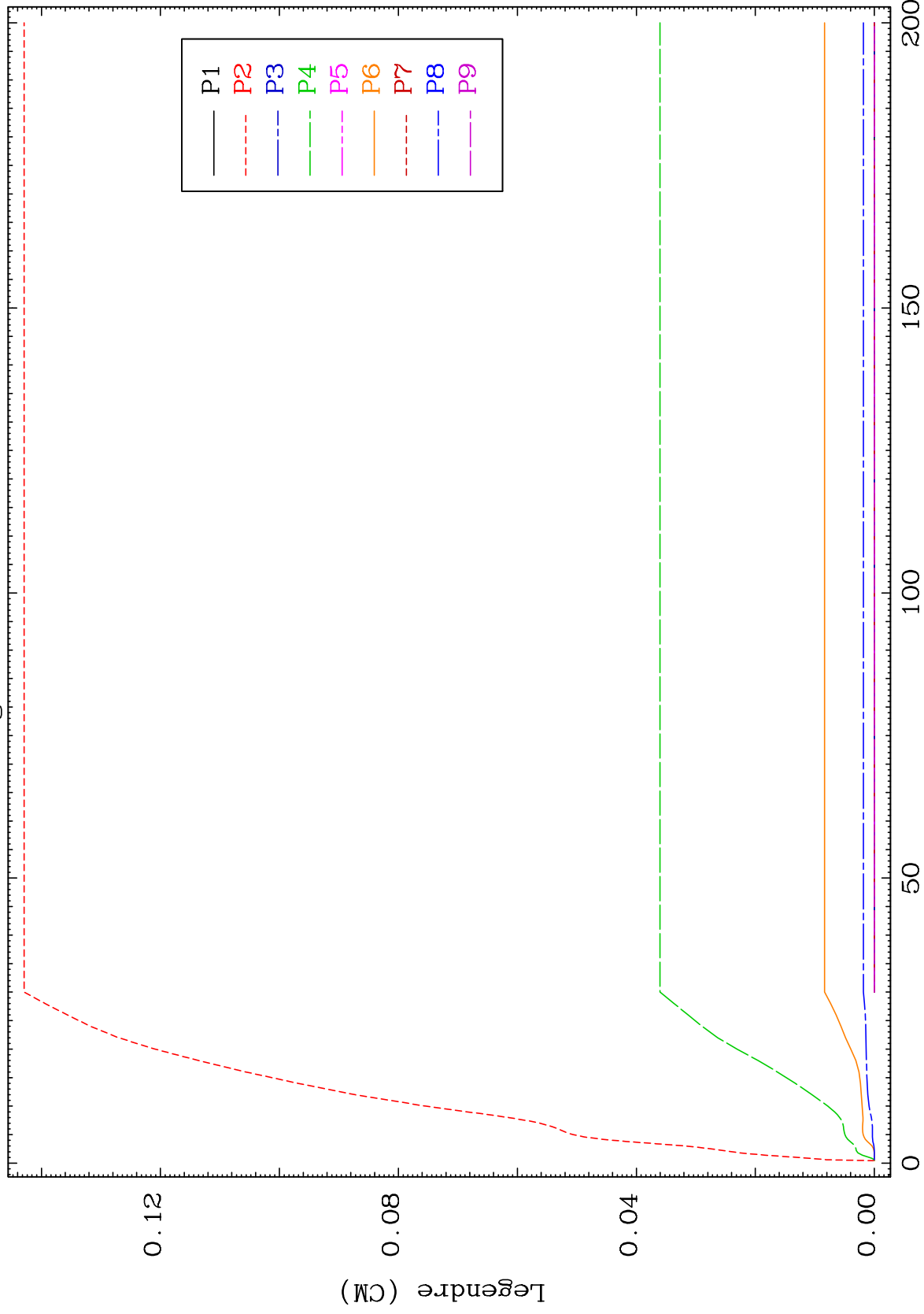
Incident Energy (MeV)

53-I -126

MAT 5322

MT= 78 (n,n') Level
Legendre Coefficients

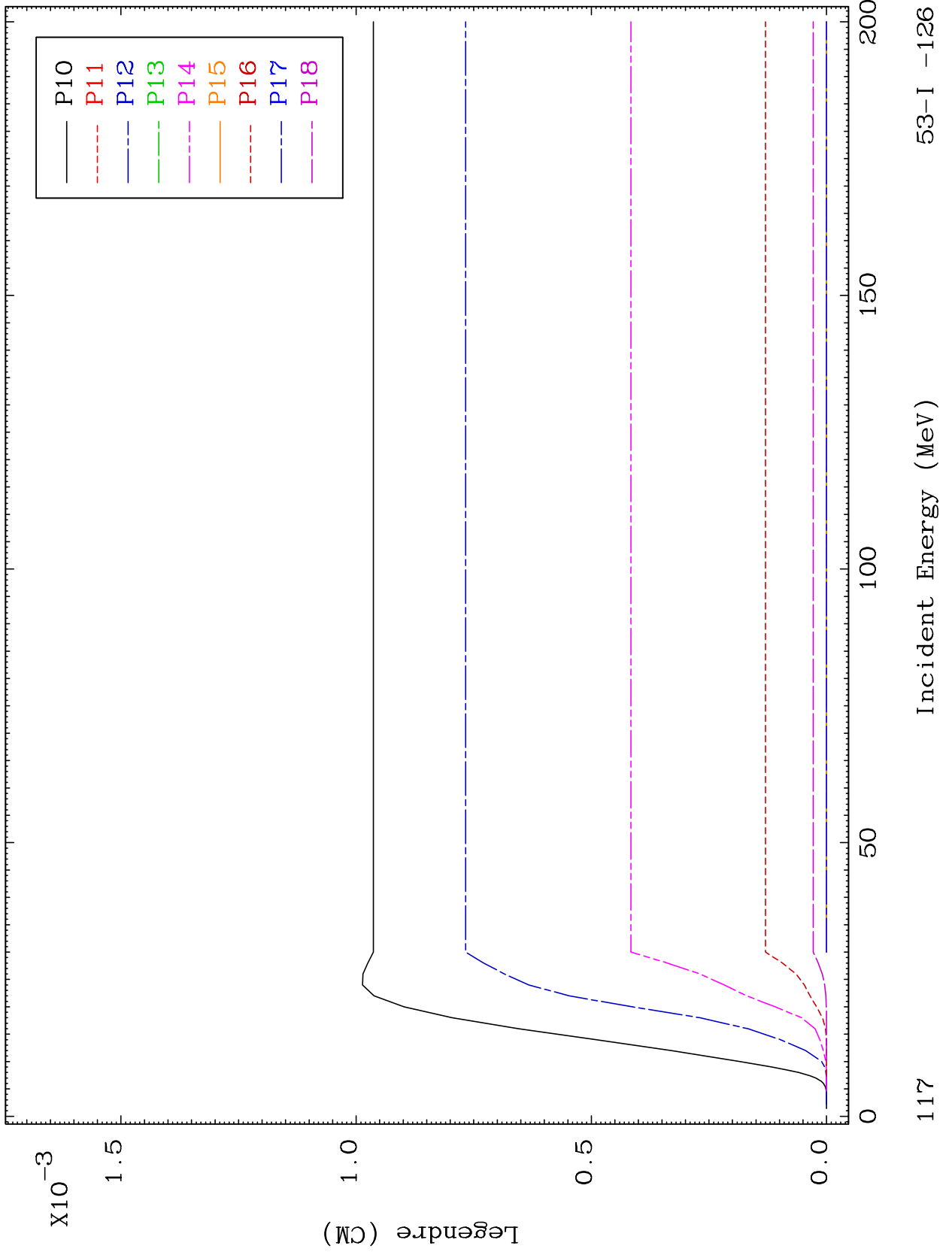
53-I -126



116

Incident Energy (MeV)

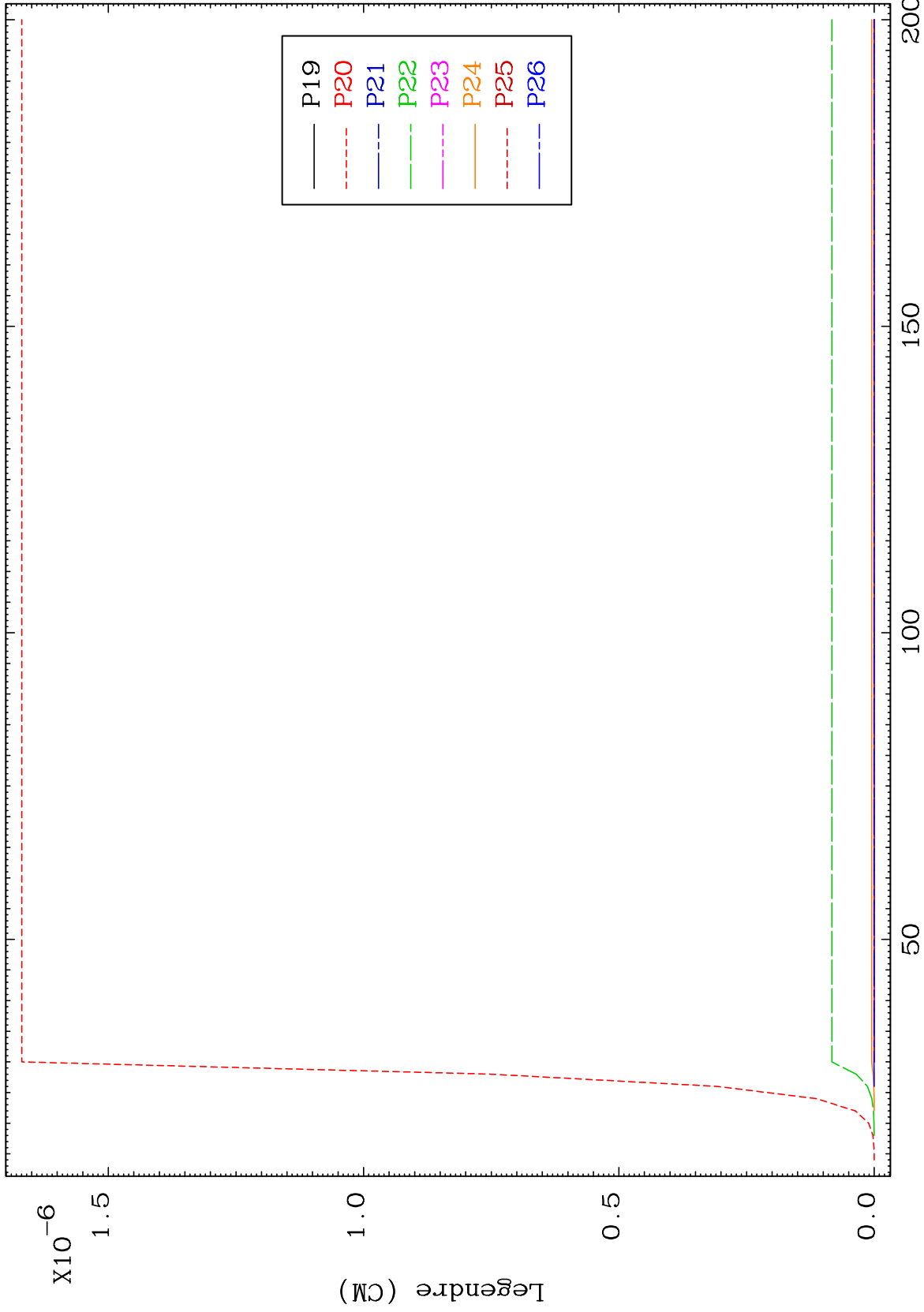
53-I -126



MAT 5322

MT= 78 (n,n') Level
Legendre Coefficients

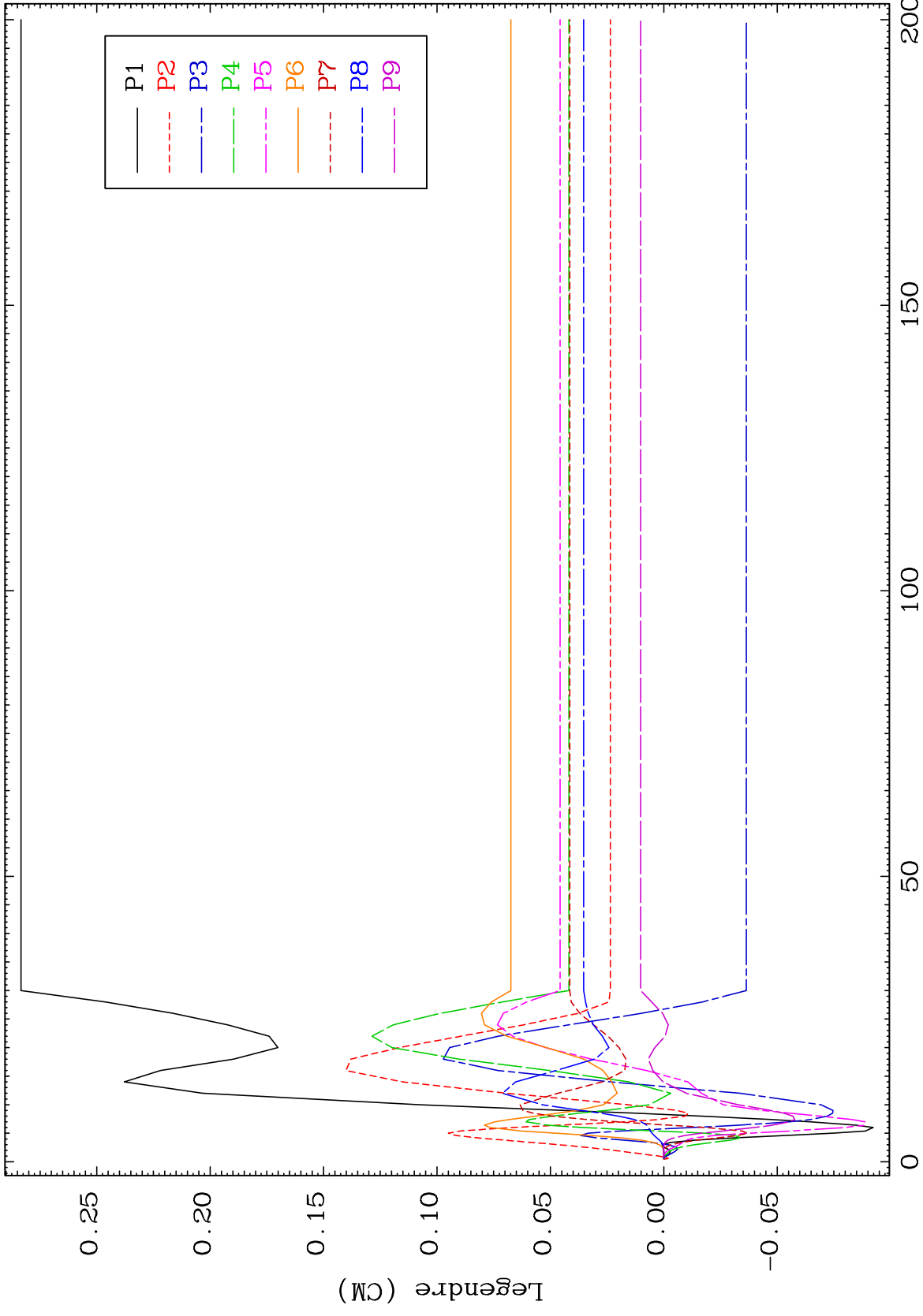
53-I -126



118

Incident Energy (MeV)

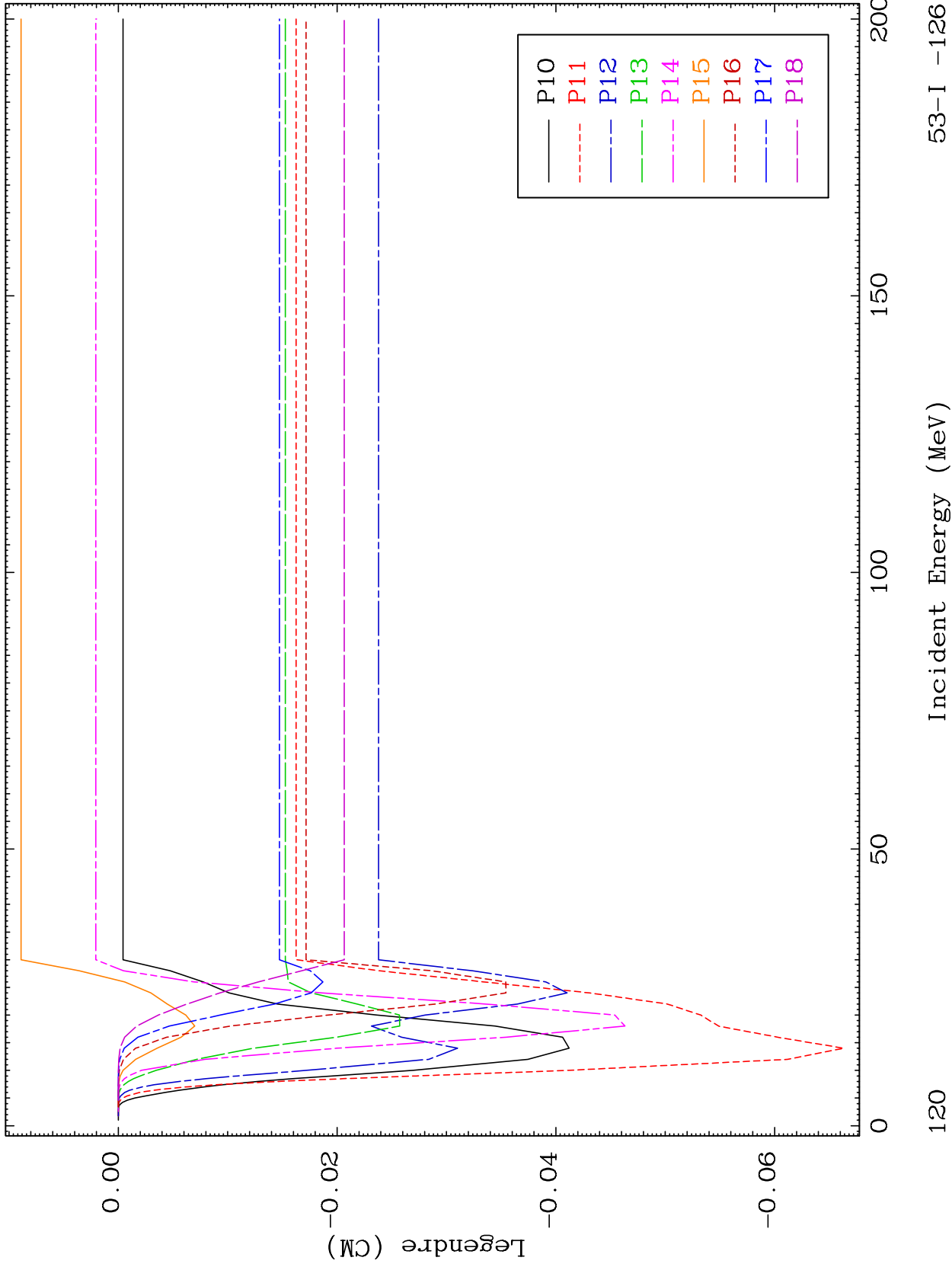
53-I -126



MAT 5322

MT= 79 (n,n') Level
Legendre Coefficients

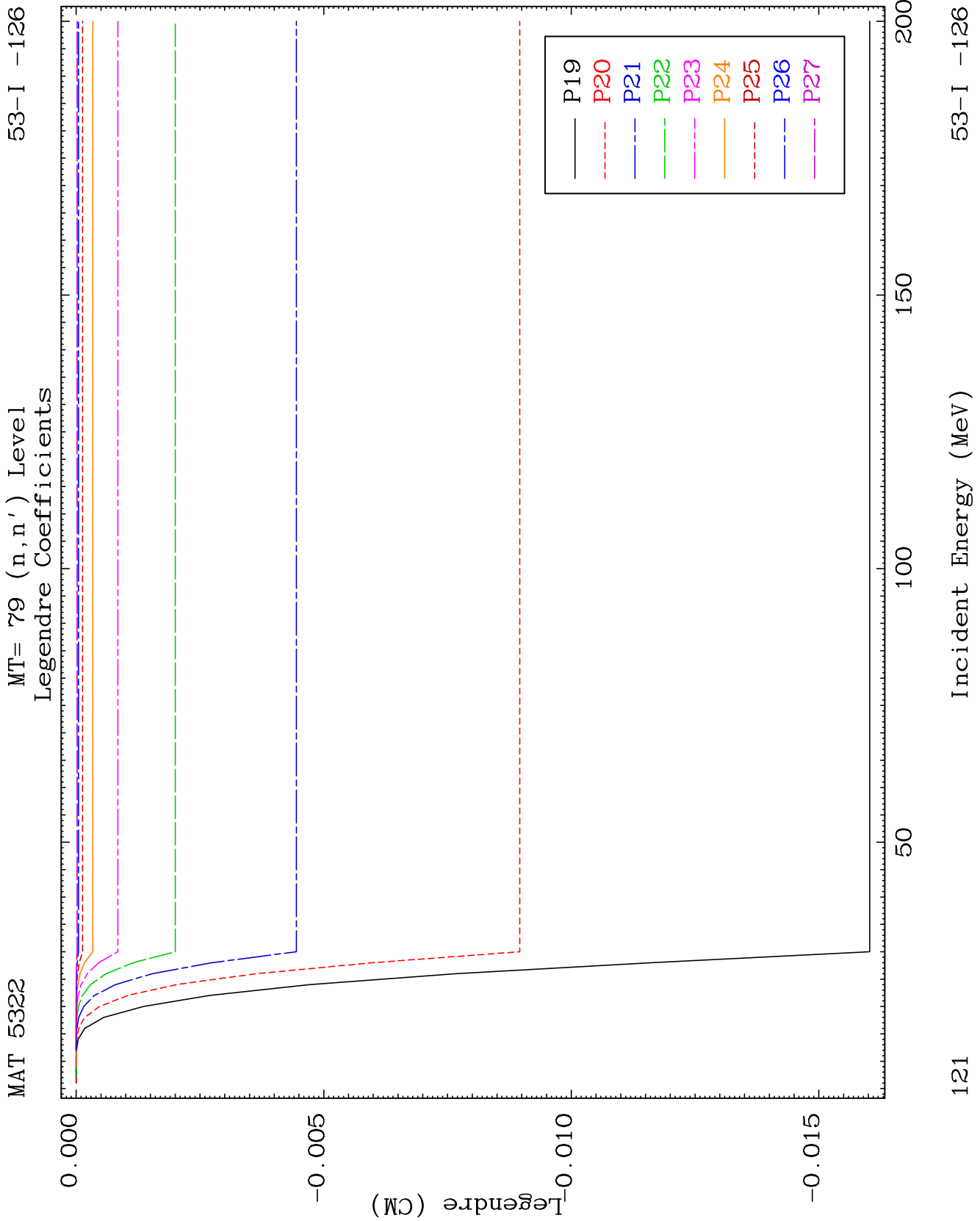
53-I -126

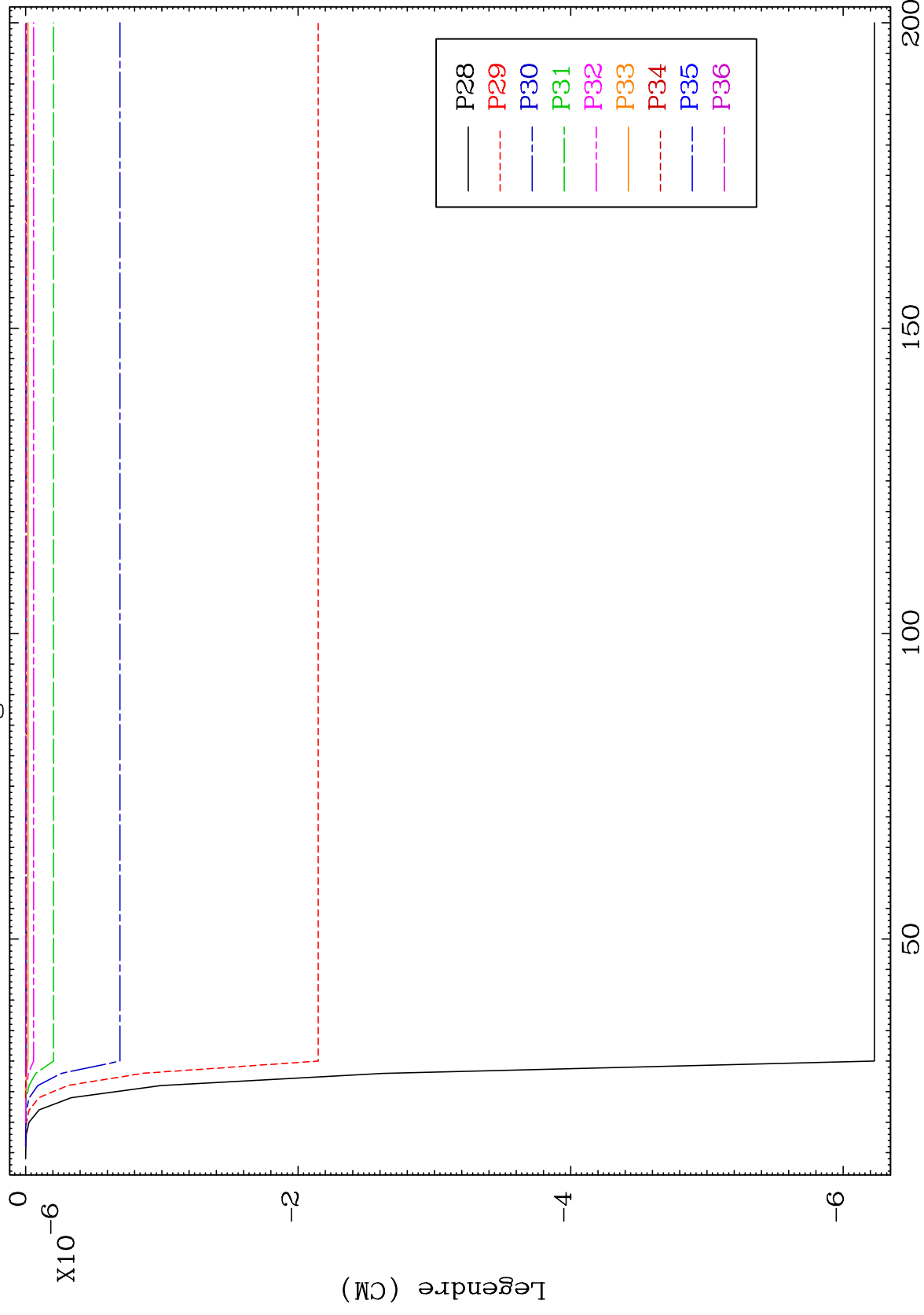


53-I -126

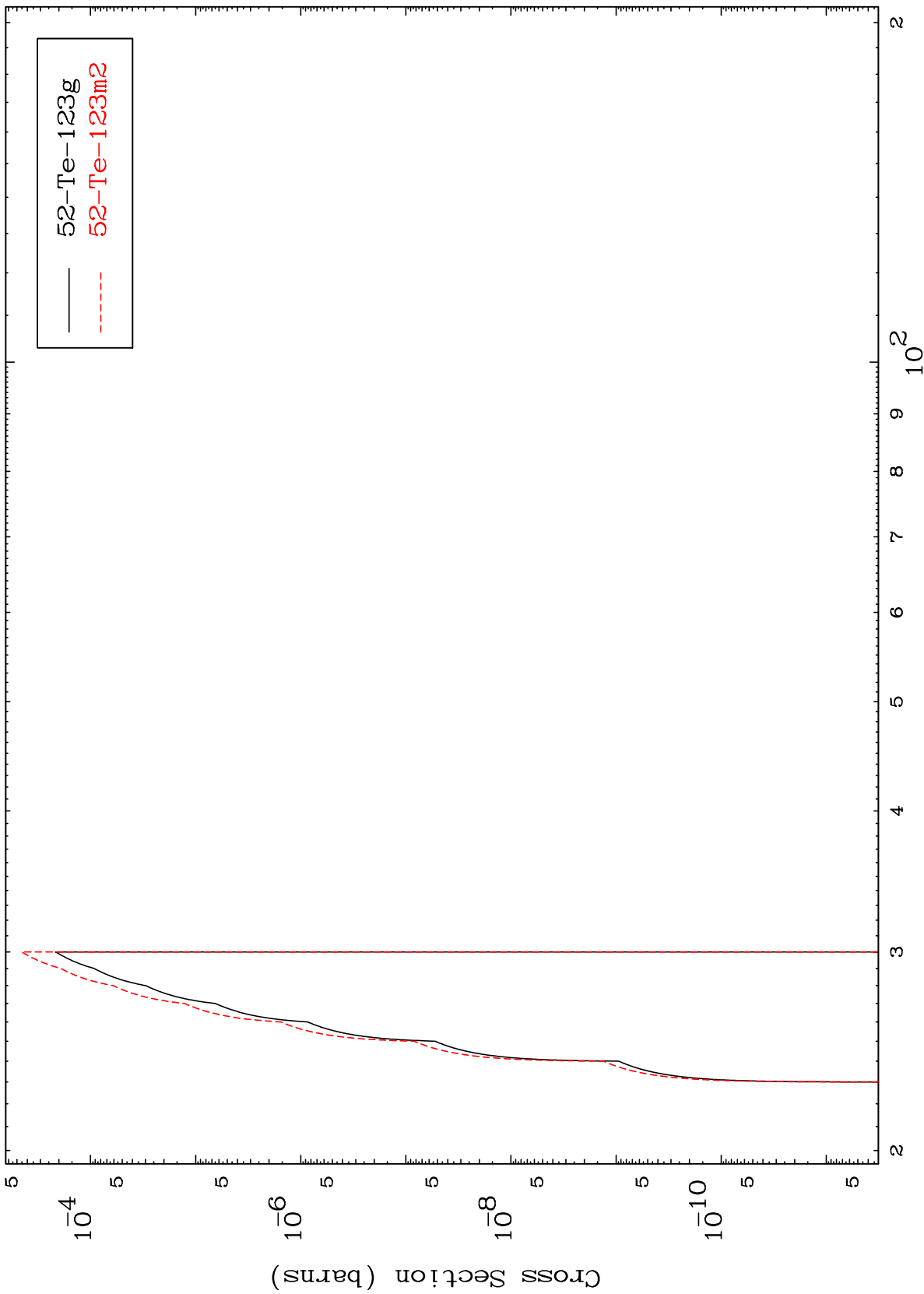
Incident Energy (MeV)

120





Radionuclide Production Cross Section

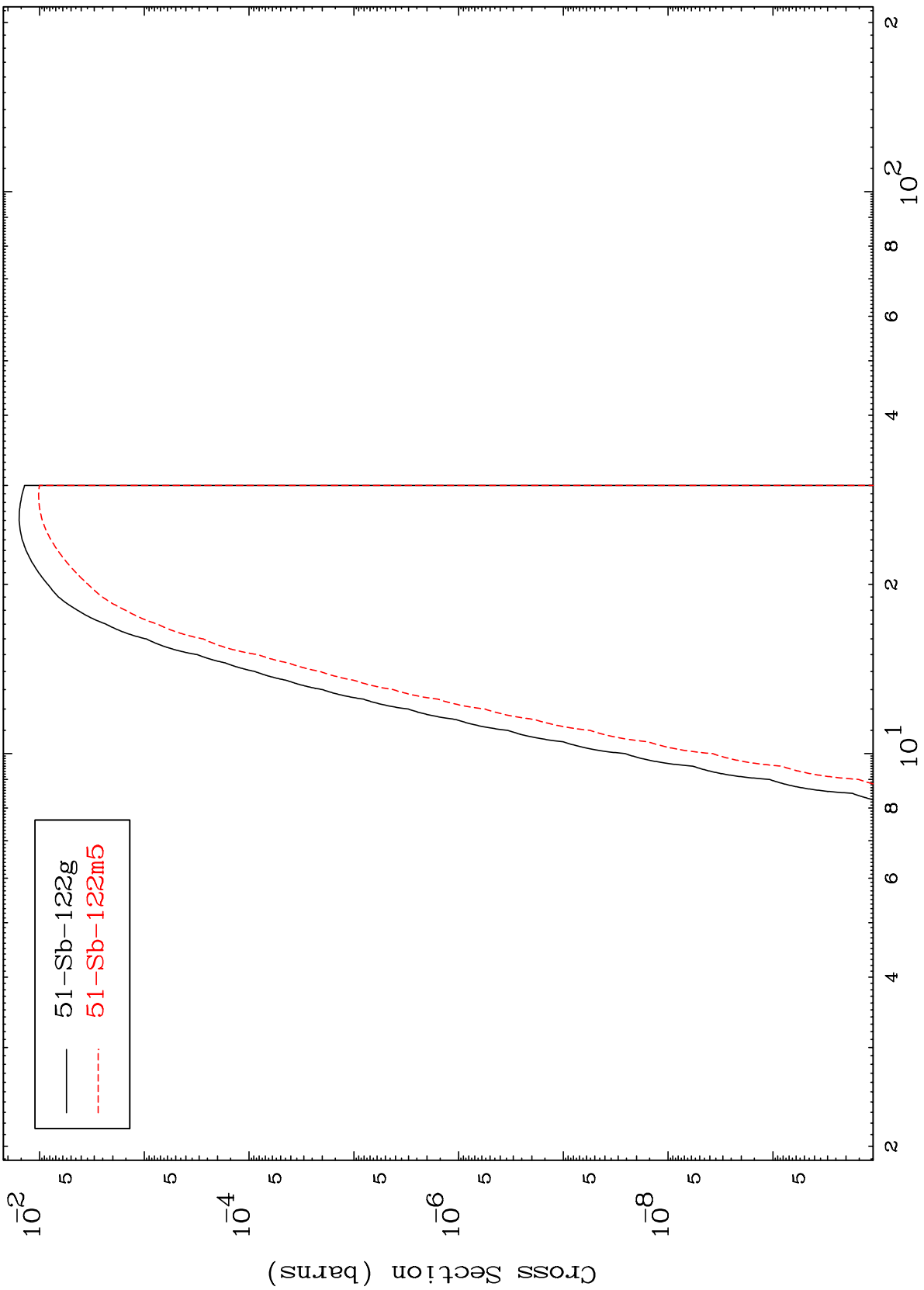


MAT 5322

53-I -126

(n,n') α

Radionuclide Production Cross Section

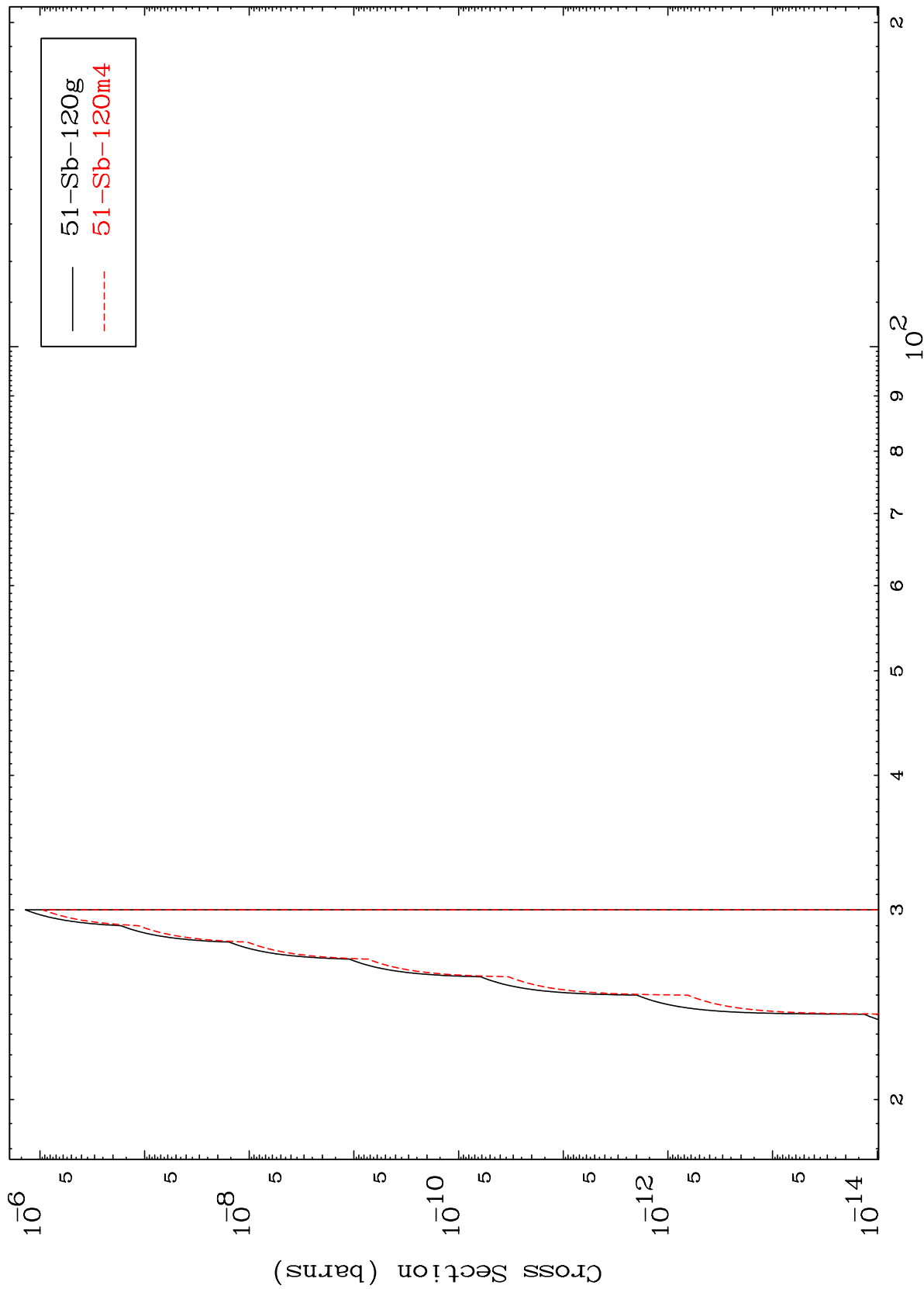


124

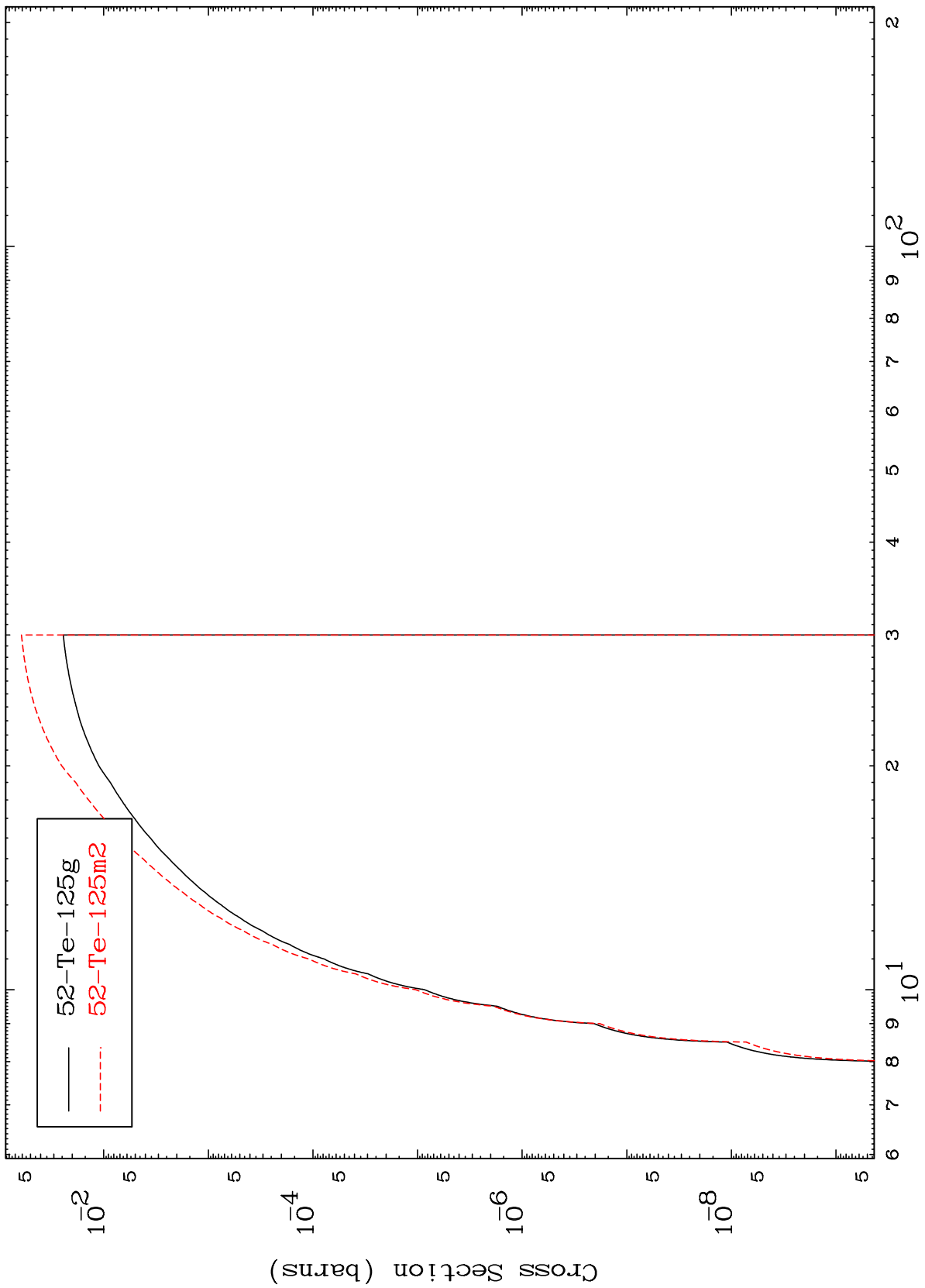
Incident Energy (MeV)

53-I -126

Radionuclide Production Cross Section

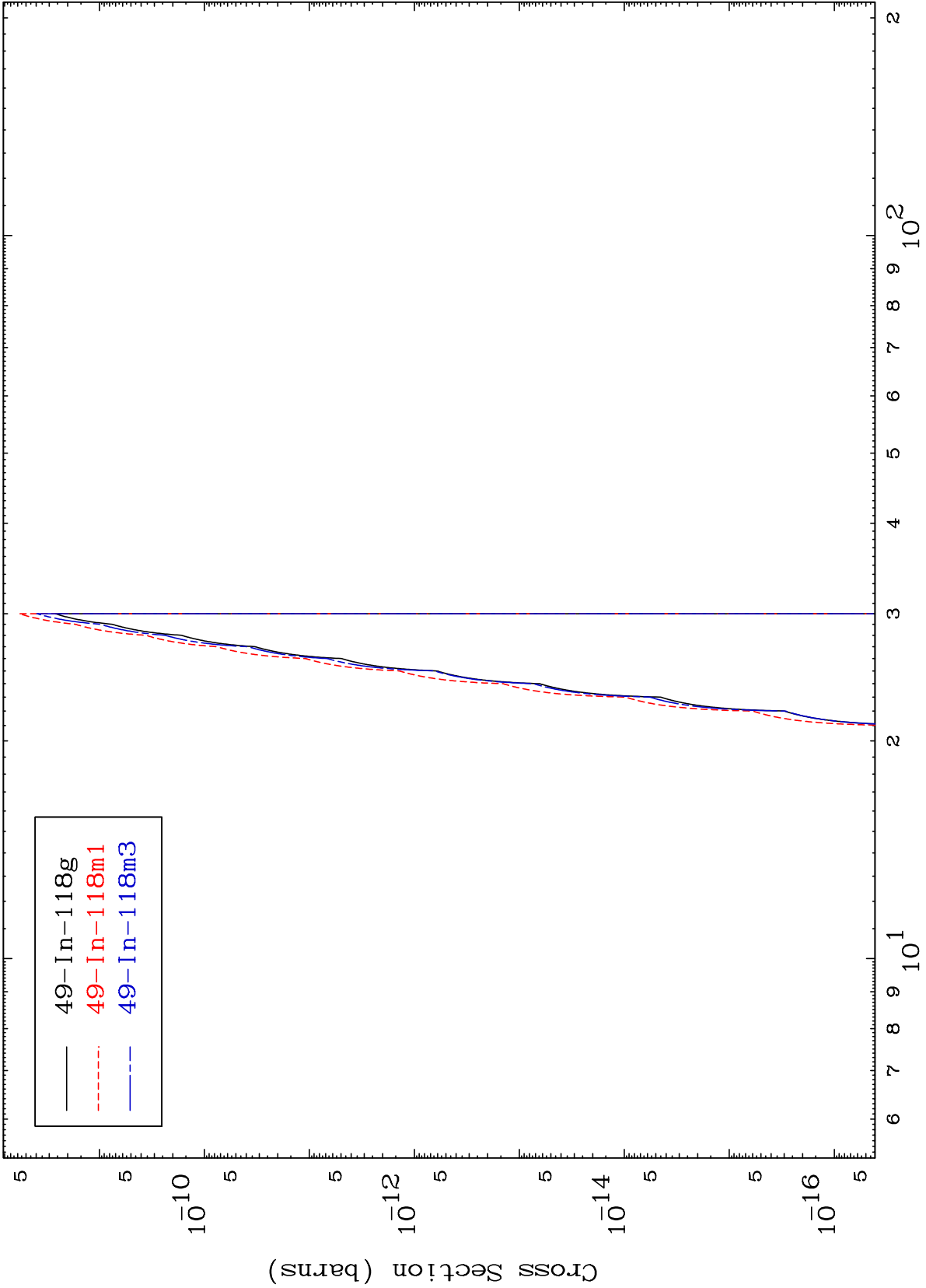


Radionuclide Production Cross Section

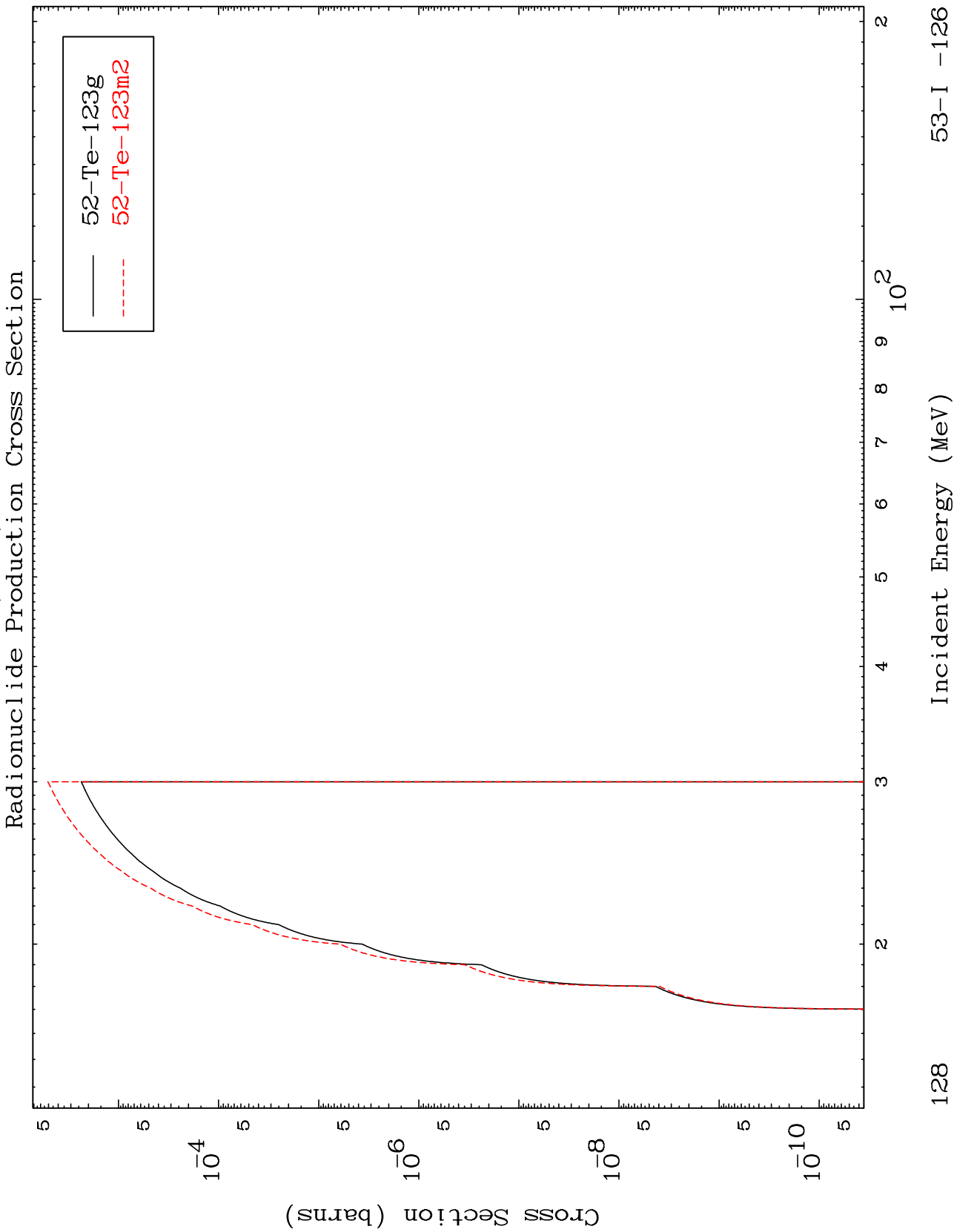


52-Te-125g
52-Te-125m2

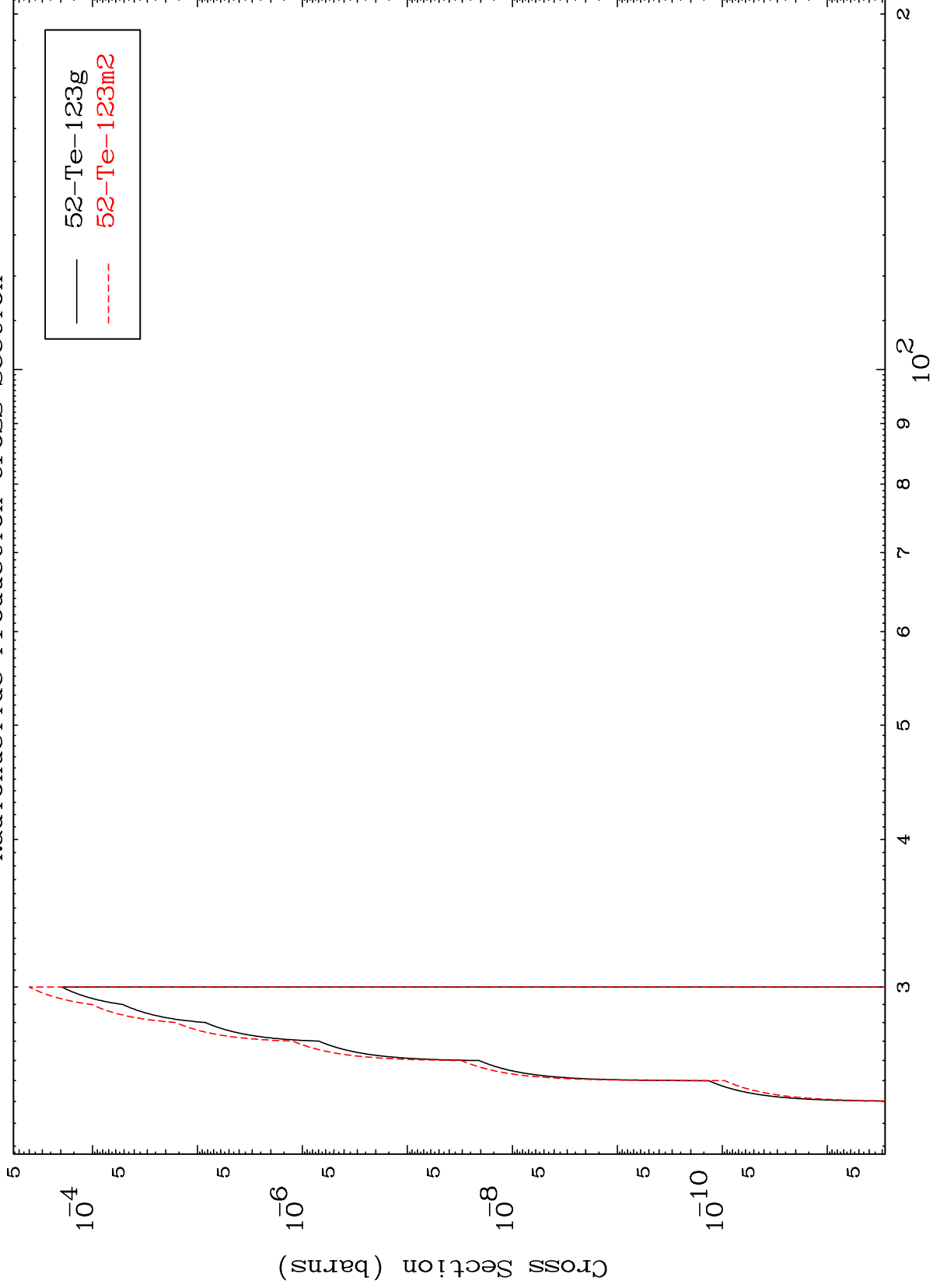
Radionuclide Production Cross Section



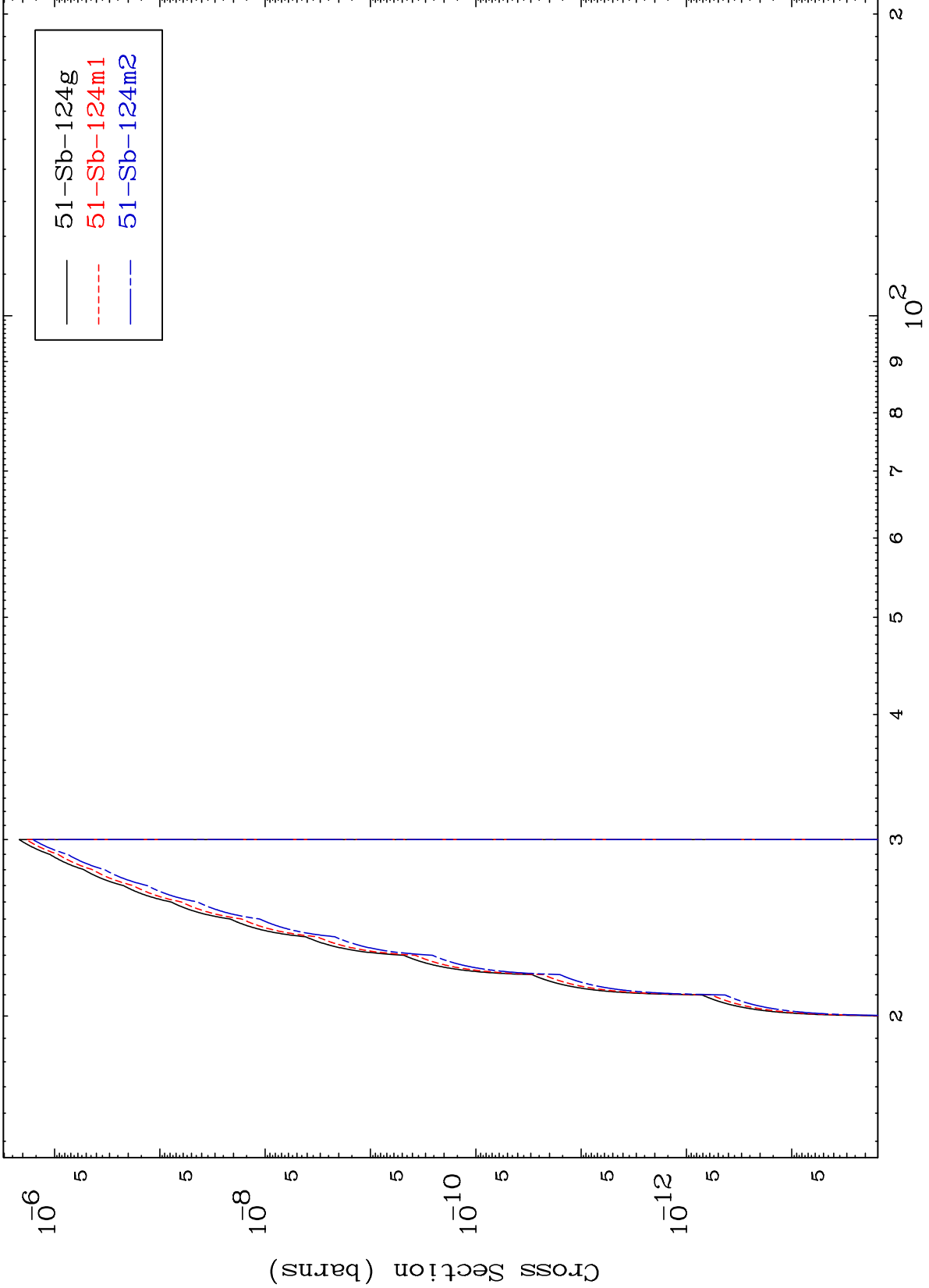
49-In-118g
49-In-118m1
49-In-118m3



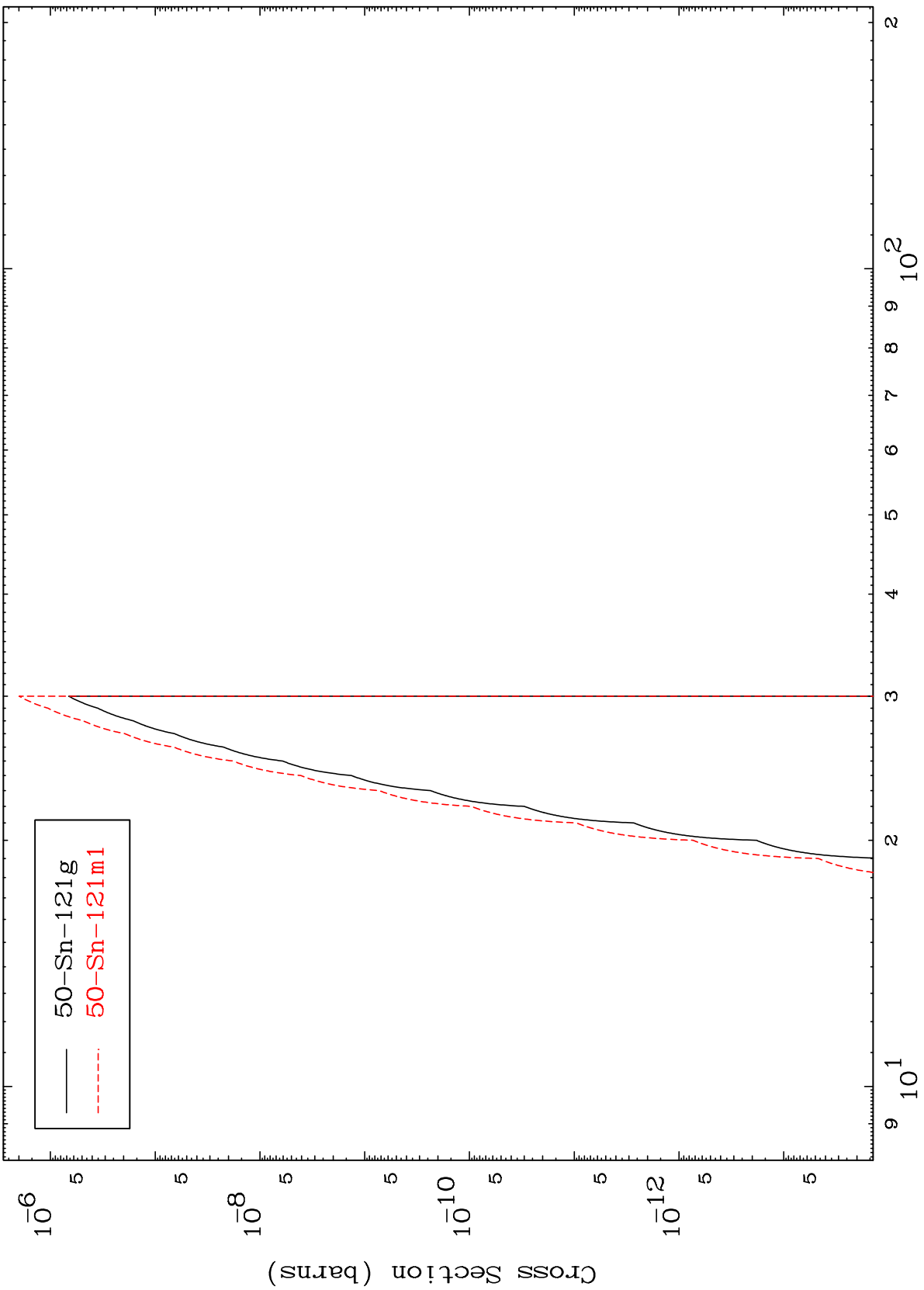
Radionuclide Production Cross Section



Radionuclide Production Cross Section

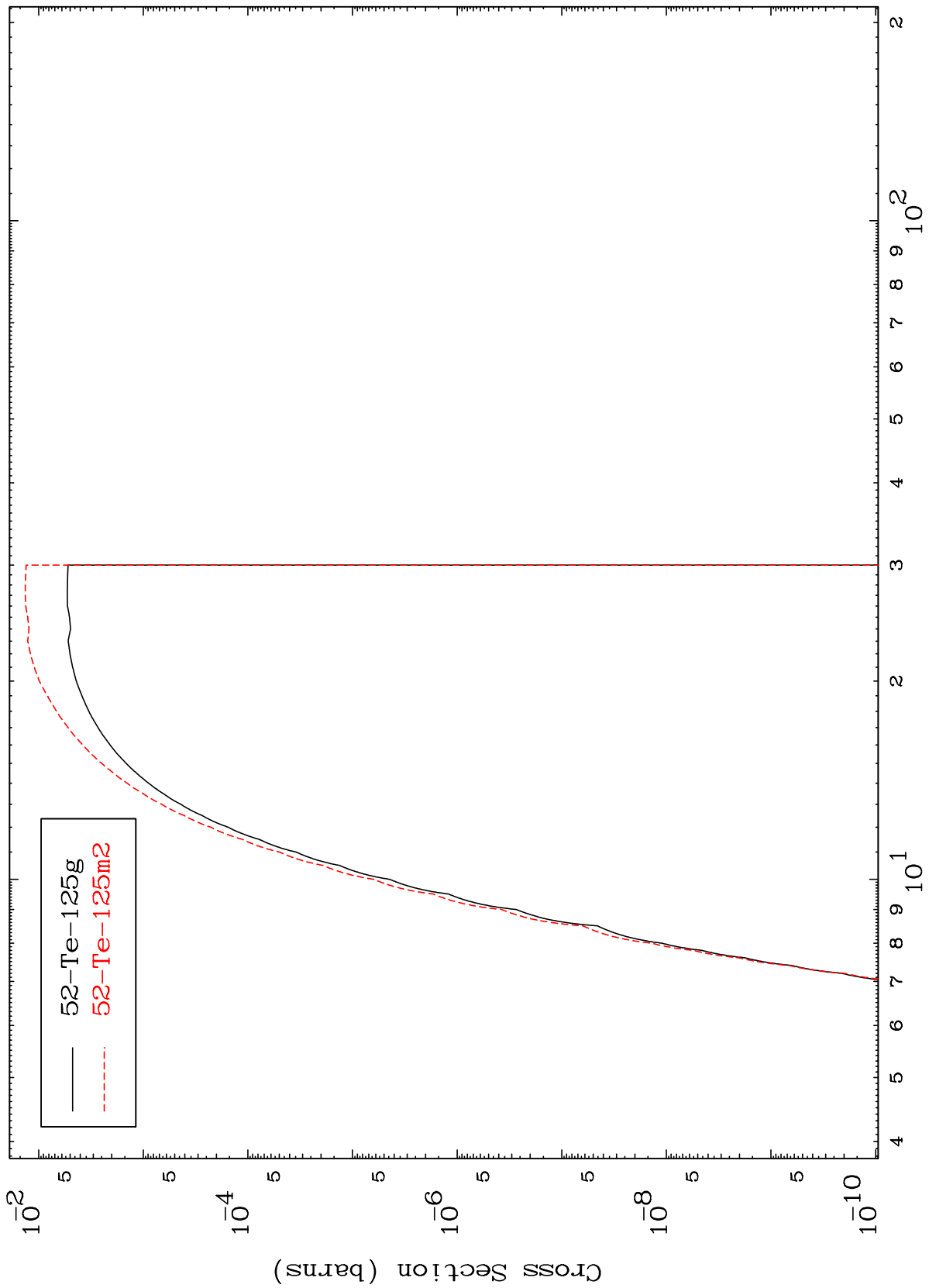


Radionuclide Production Cross Section

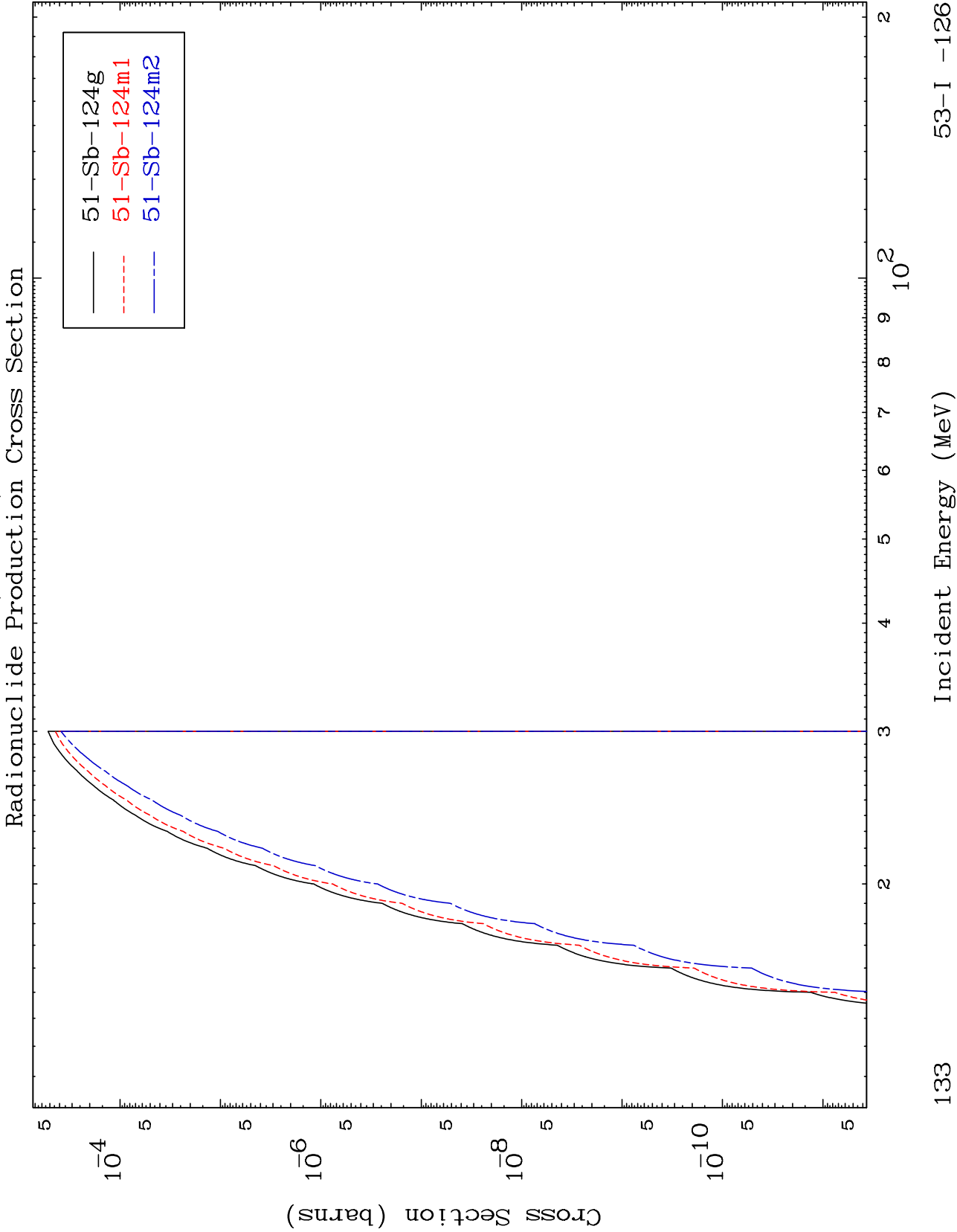


— 50-Sn-121g
- - - 50-Sn-121m1

(n,d)
Radionuclide Production Cross Section



— 52-Te-125g
- - - 52-Te-125m2

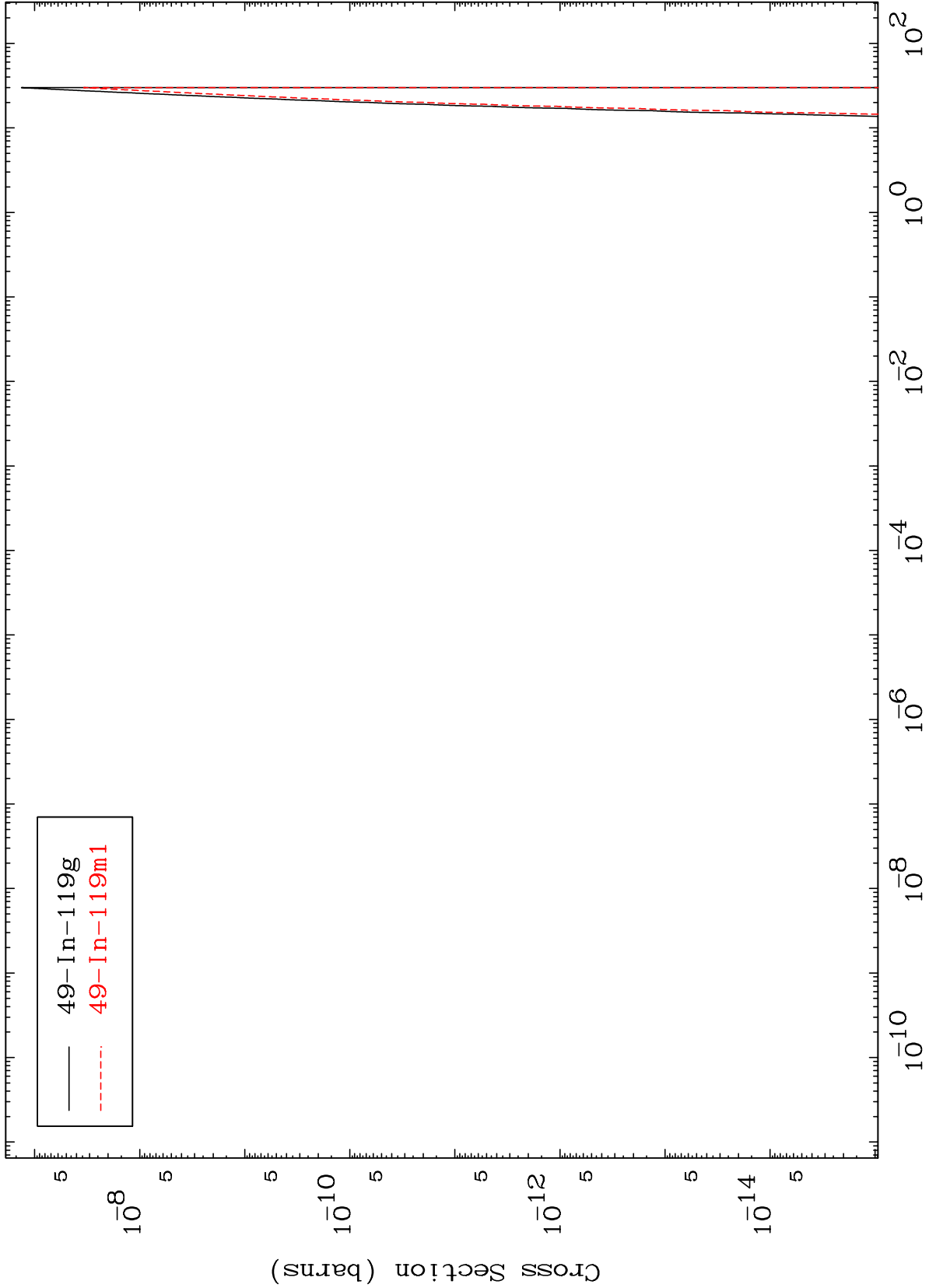


MAT 5322

(n,2α)

53-I -126

Radionuclide Production Cross Section

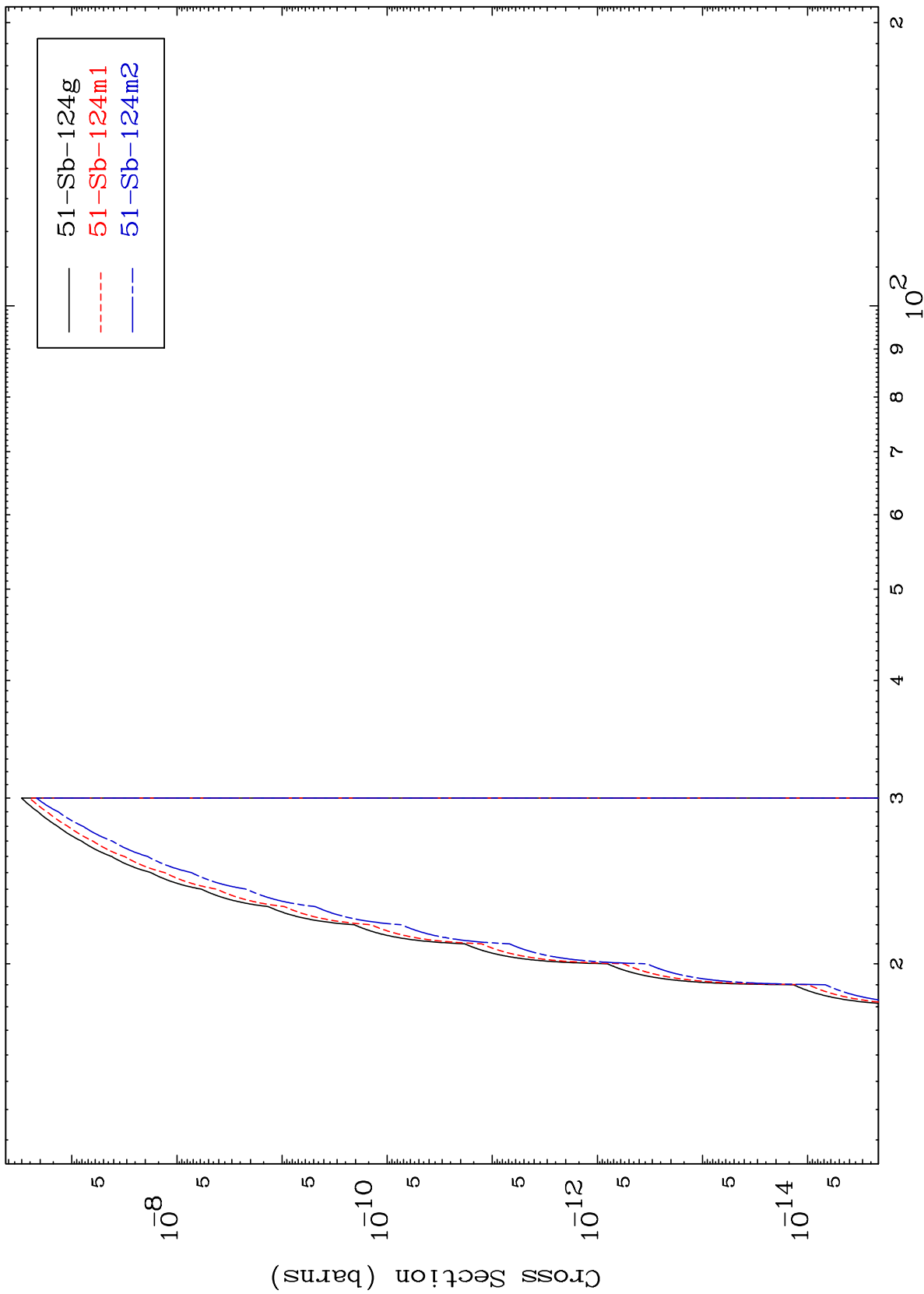


134

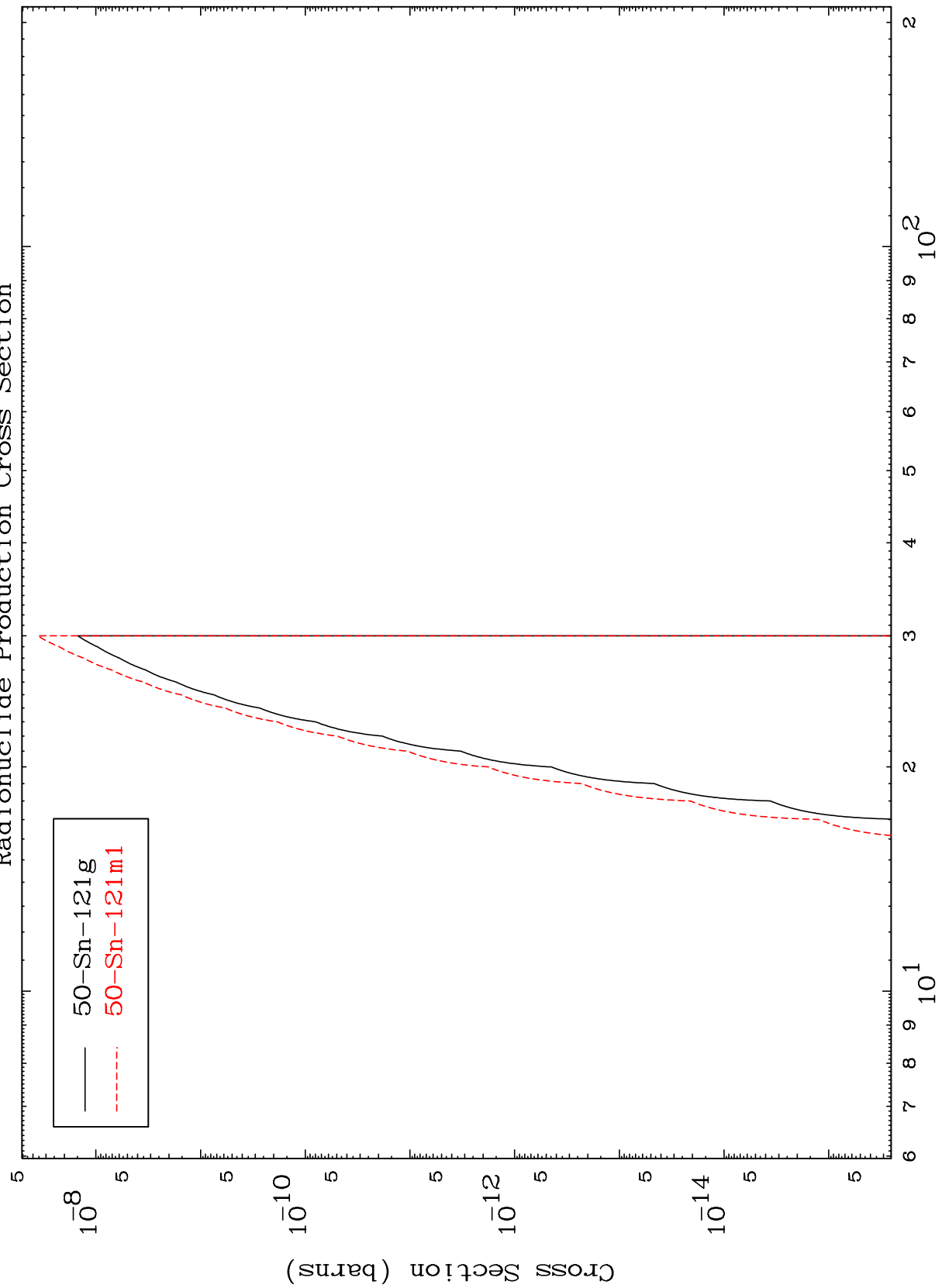
Incident Energy (MeV)

53-I -126

Radionuclide Production Cross Section



(n,d) α
Radionuclide Production Cross Section



— 50-Sn-121g
- - - 50-Sn-121m1