

Program EVALPLOT
(Version 2015-2)

by

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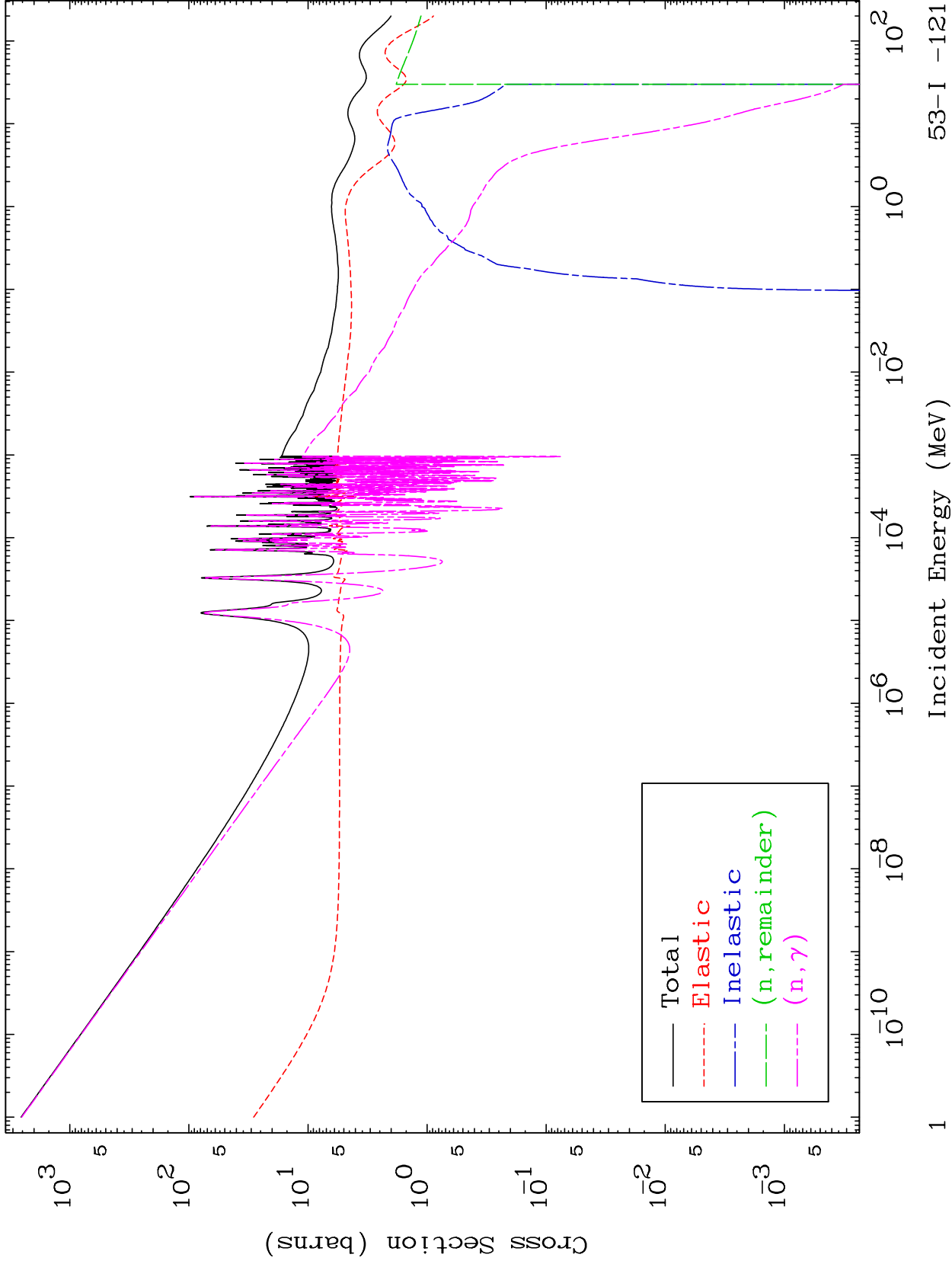
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

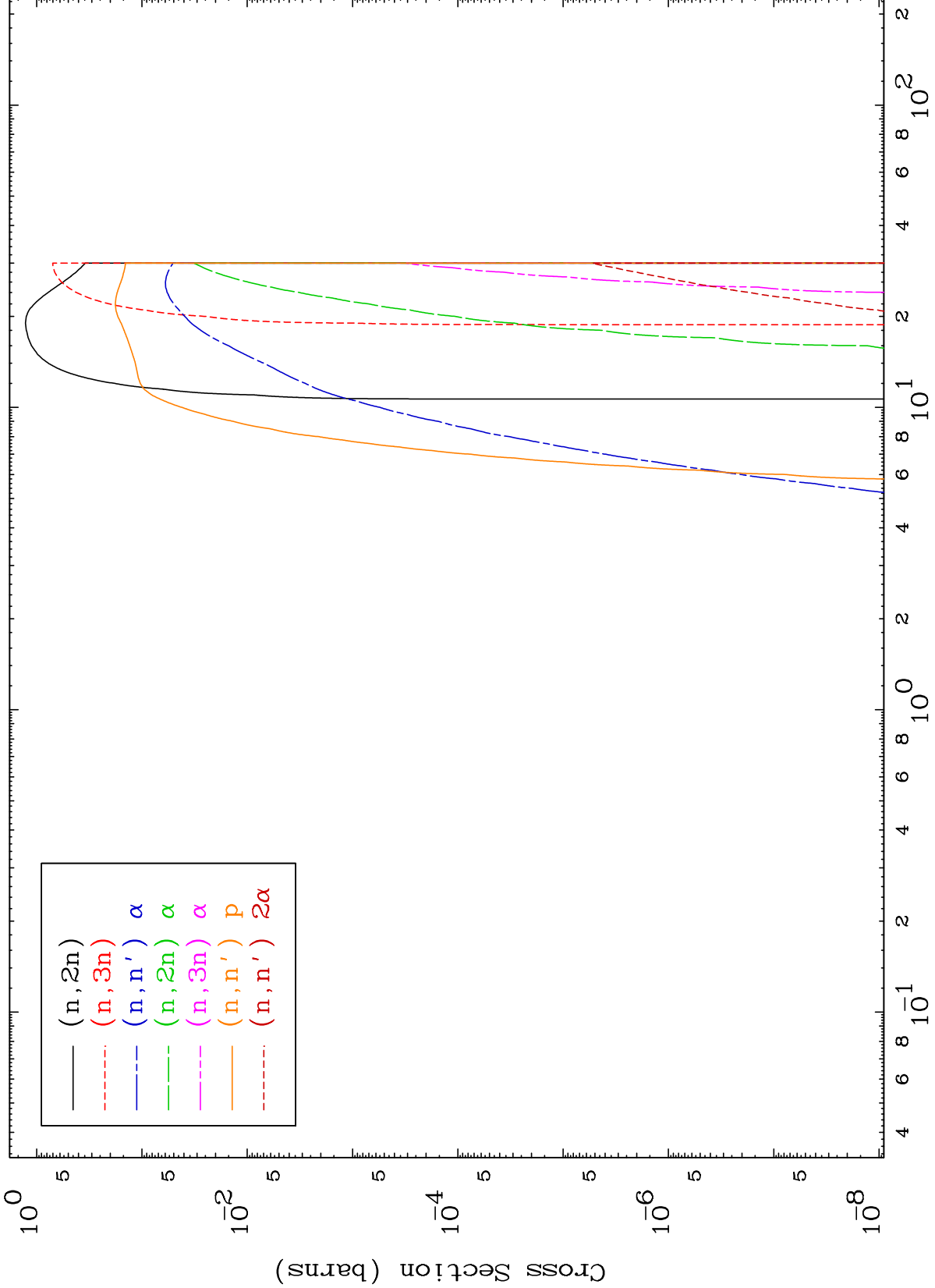
Press Mouse Button to Start

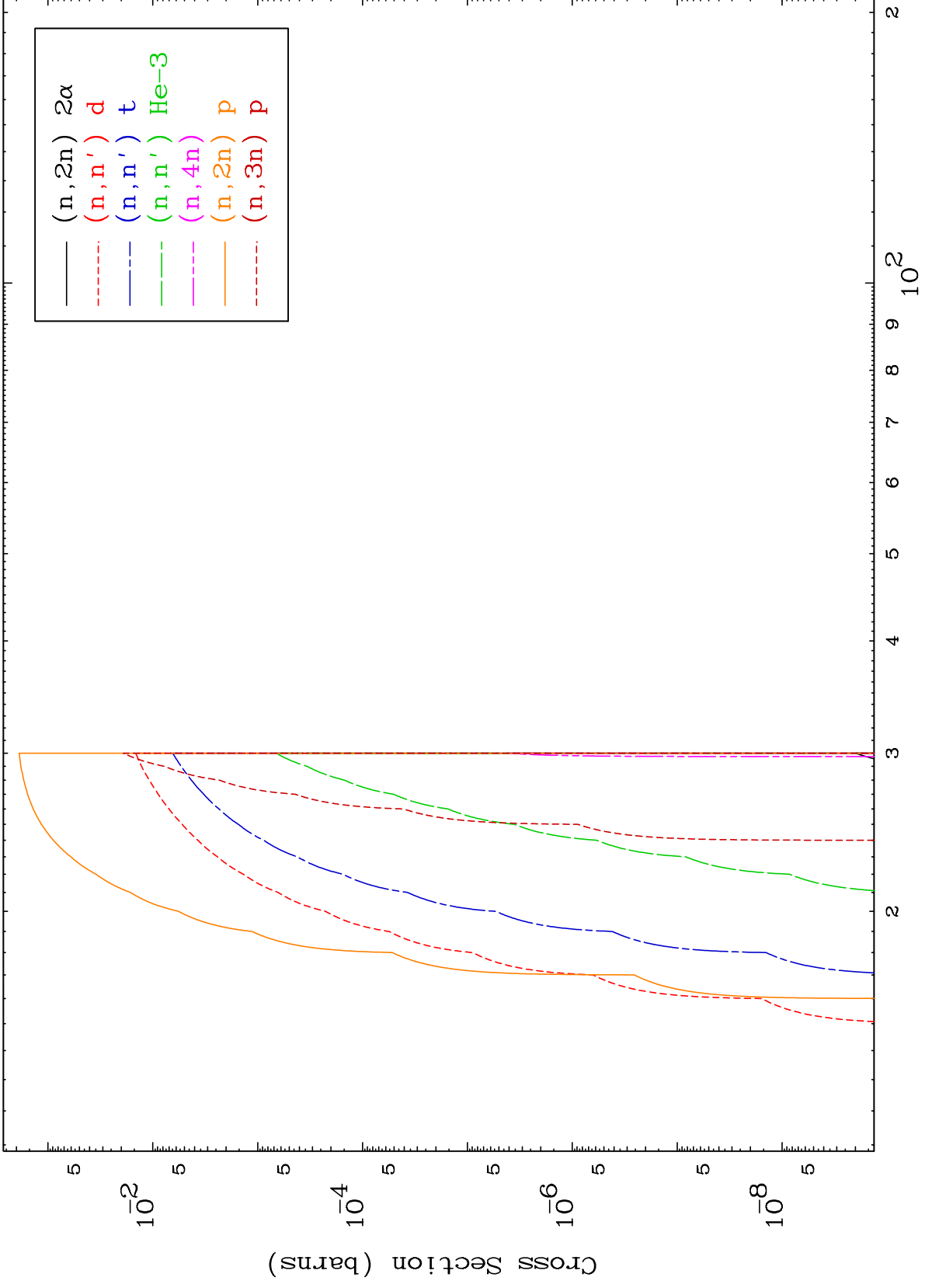
MAT 5307

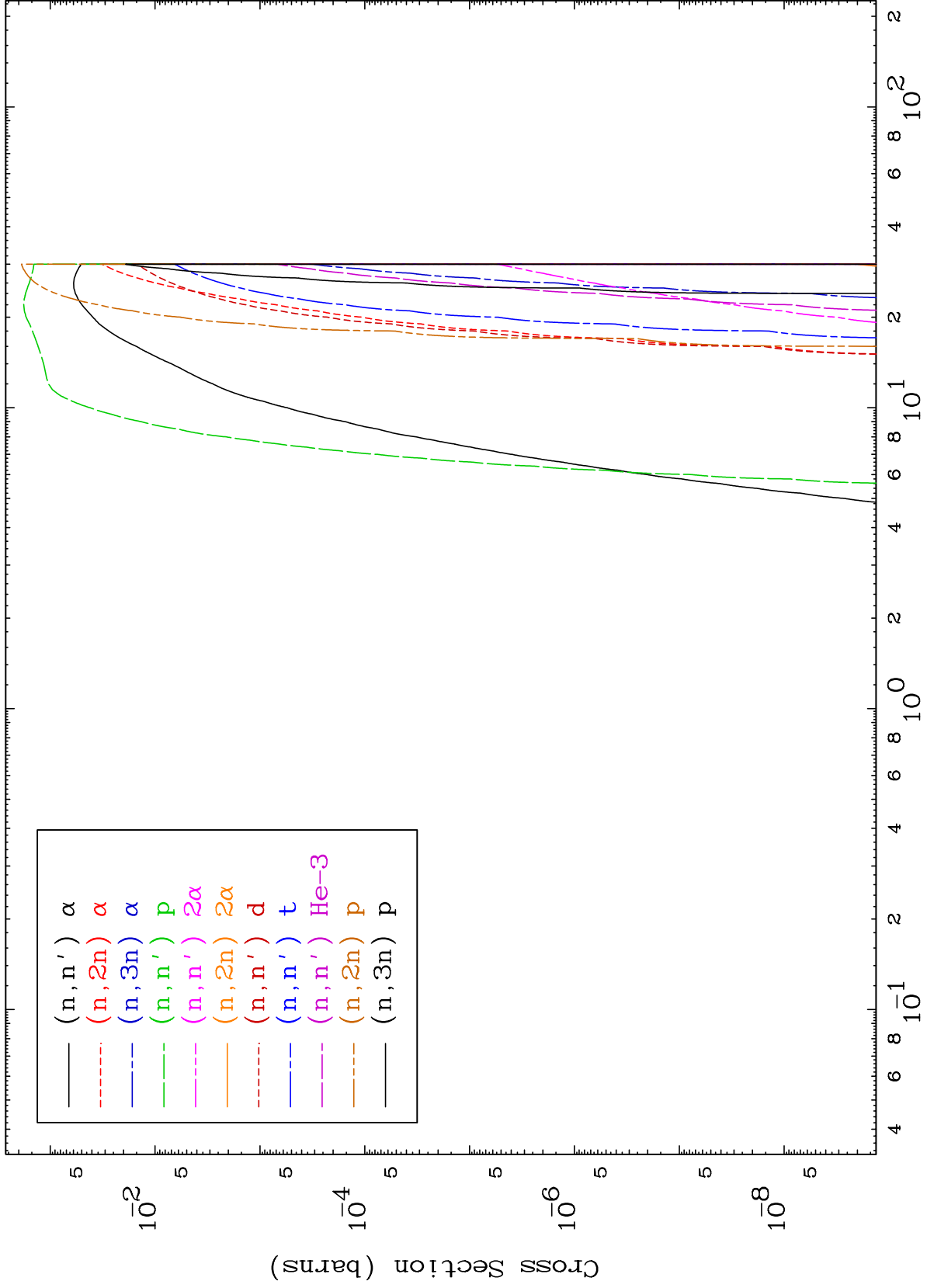
Major
293 Kelvin Cross Sections

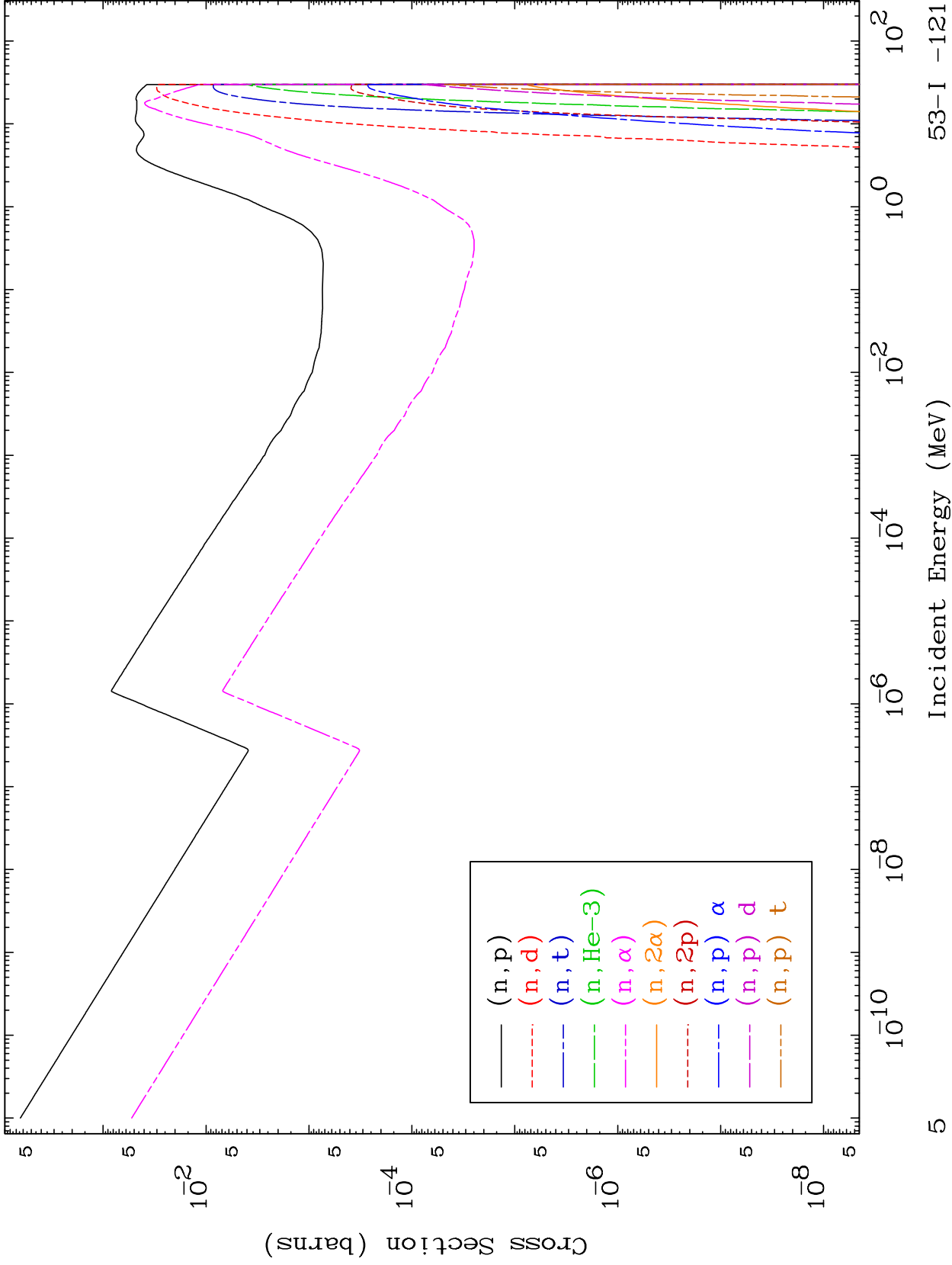
53-I -121

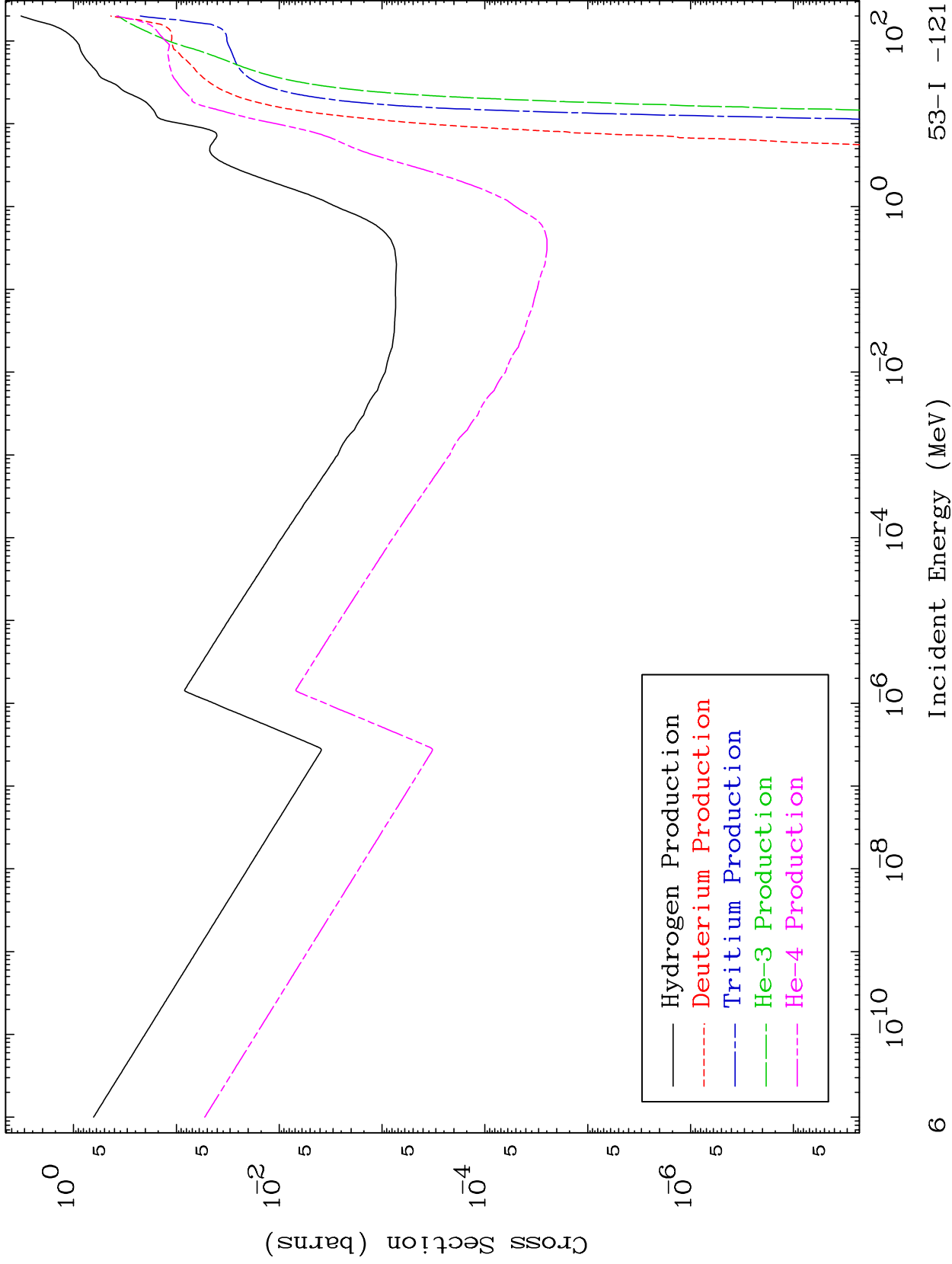


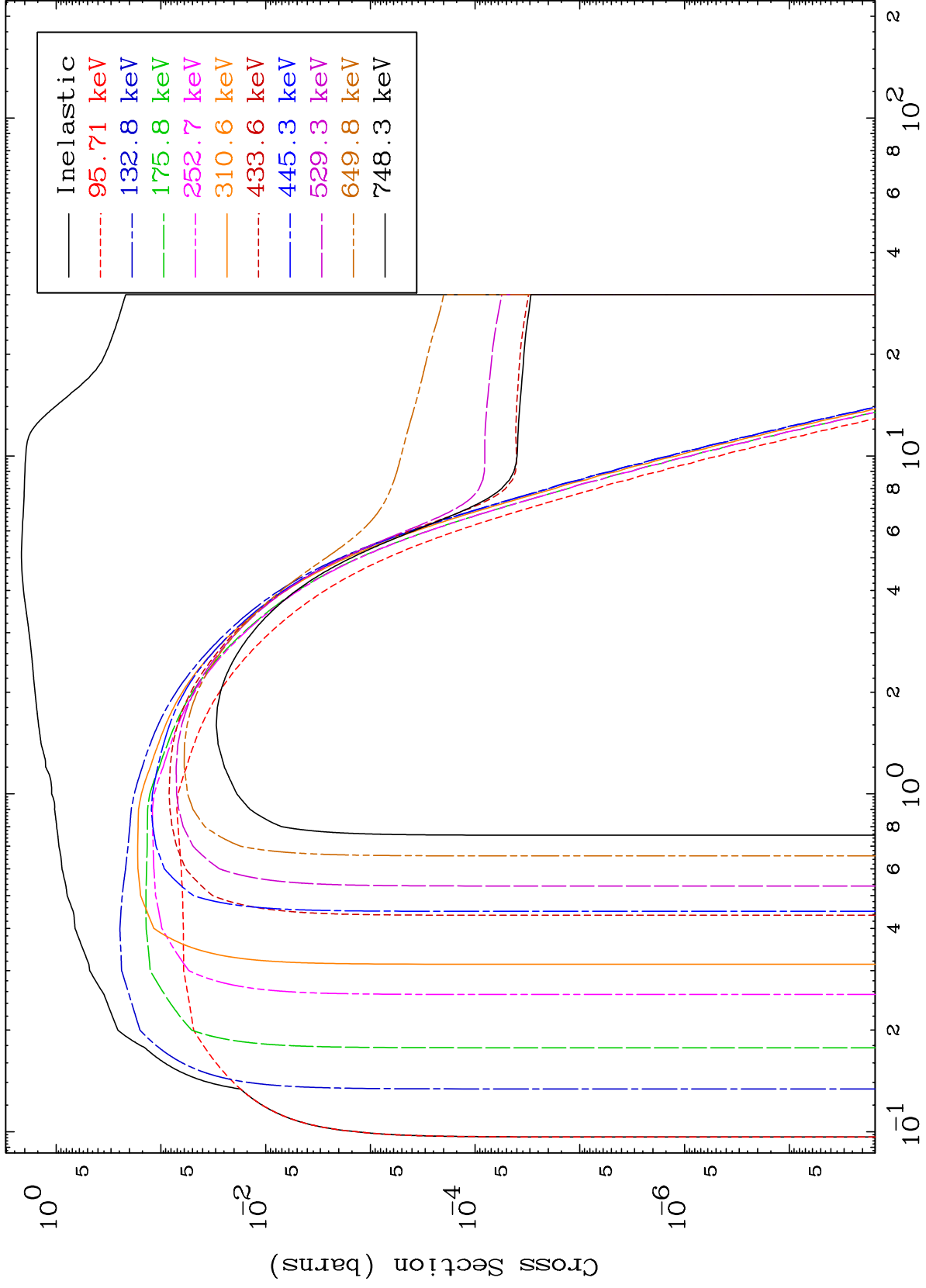








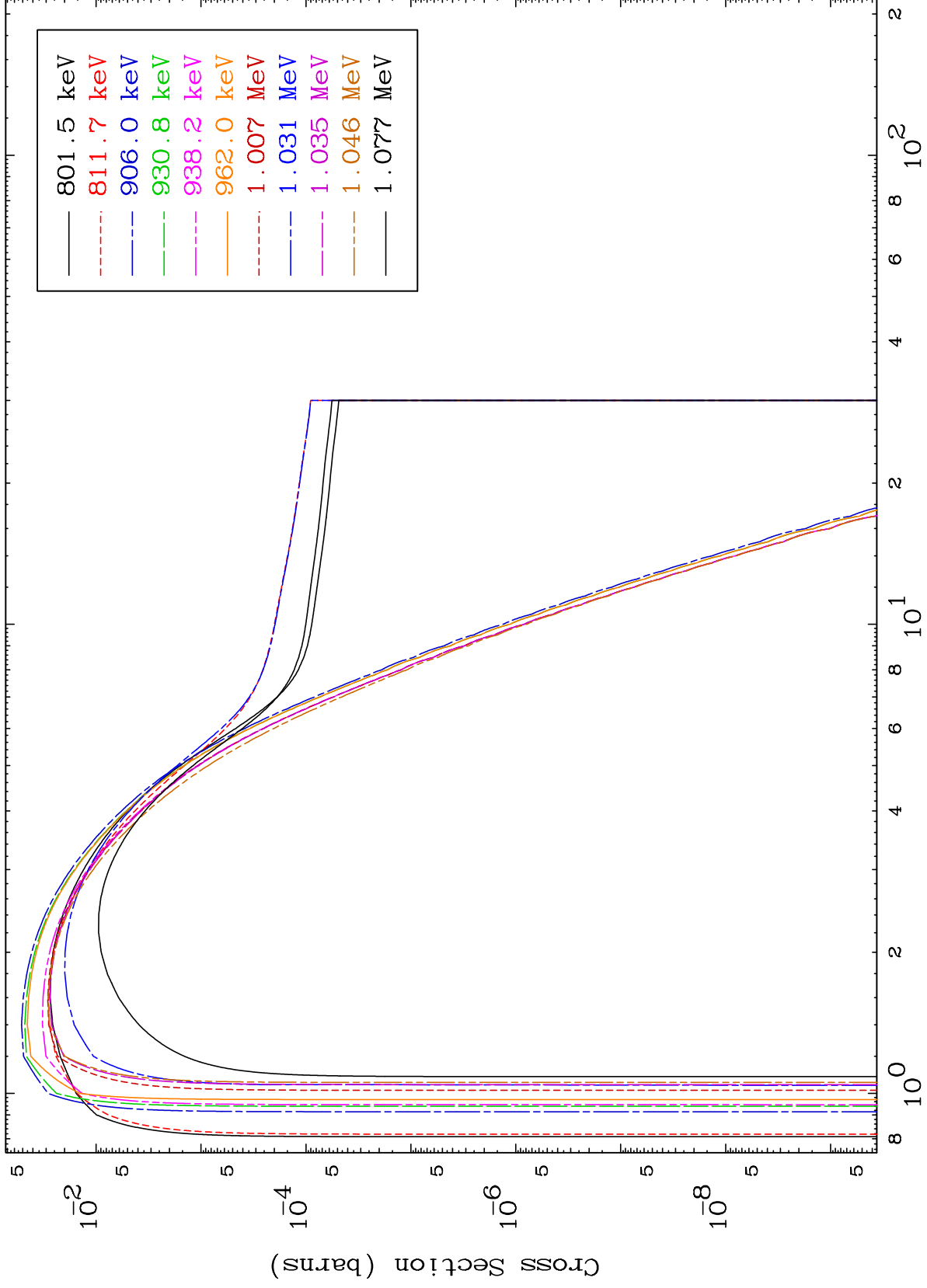




MAT 5307

(n,n') Level
293 Kelvin Cross Sections

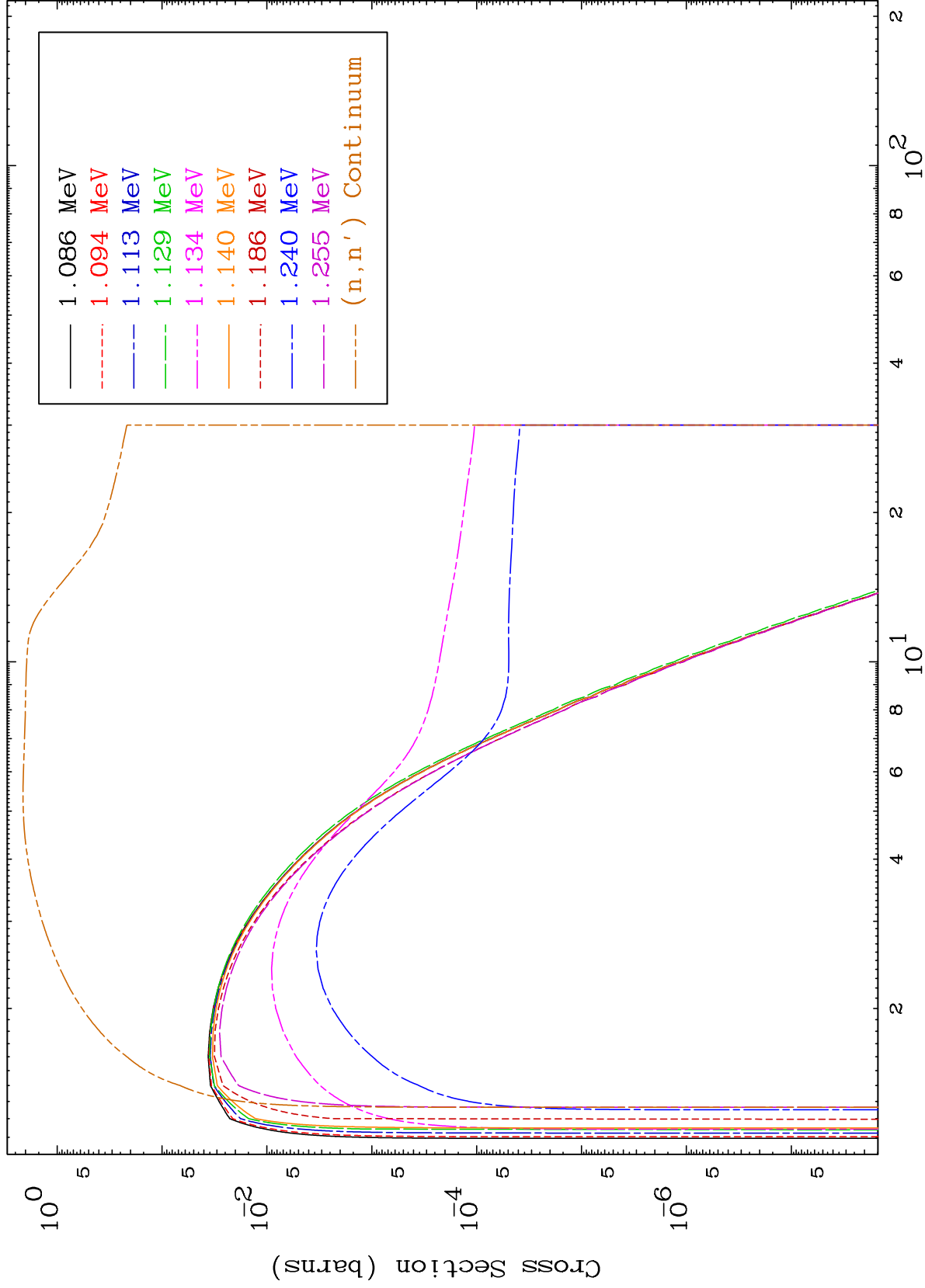
53-I -121



Incident Energy (MeV)

53-I -121

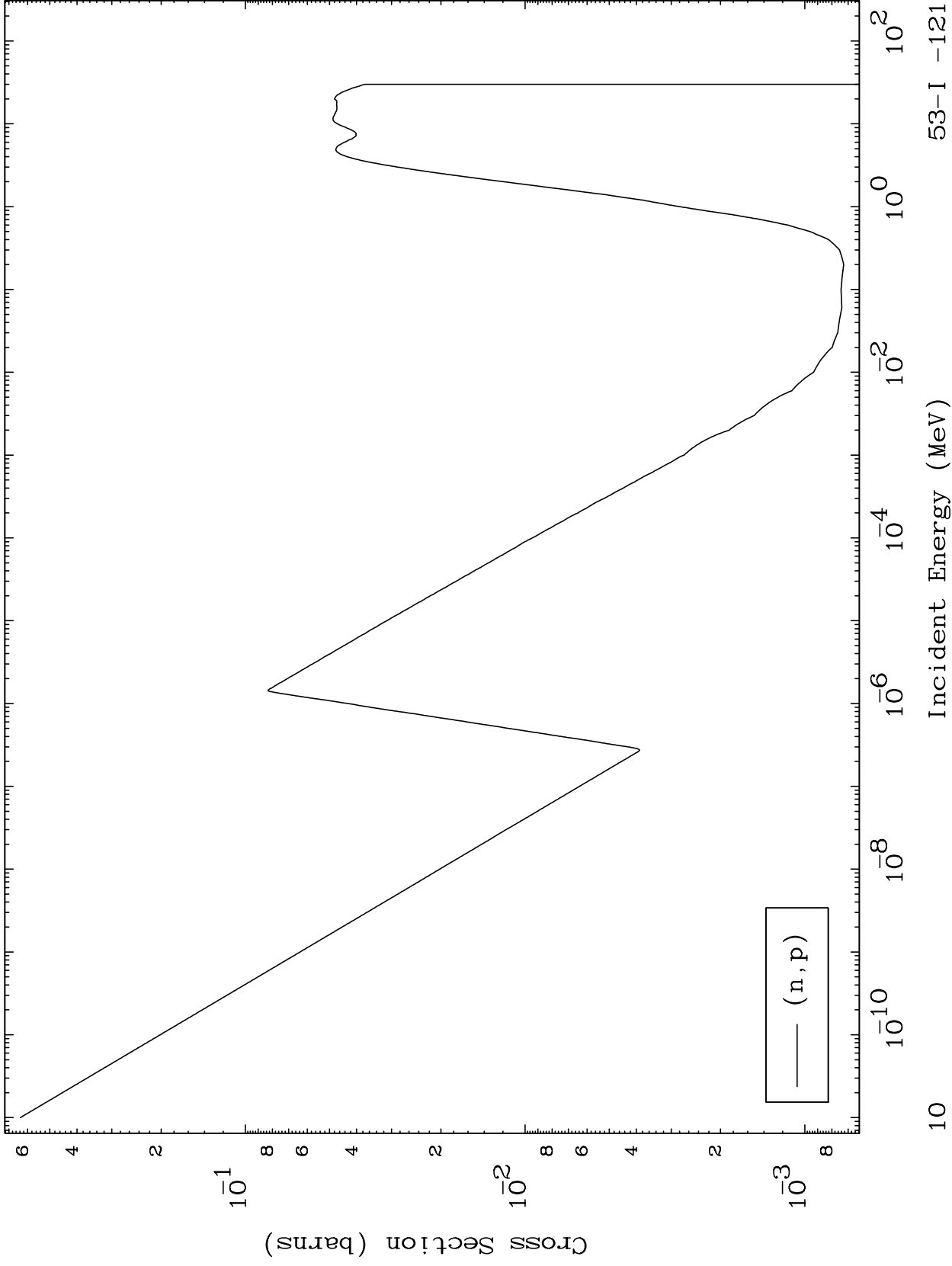
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

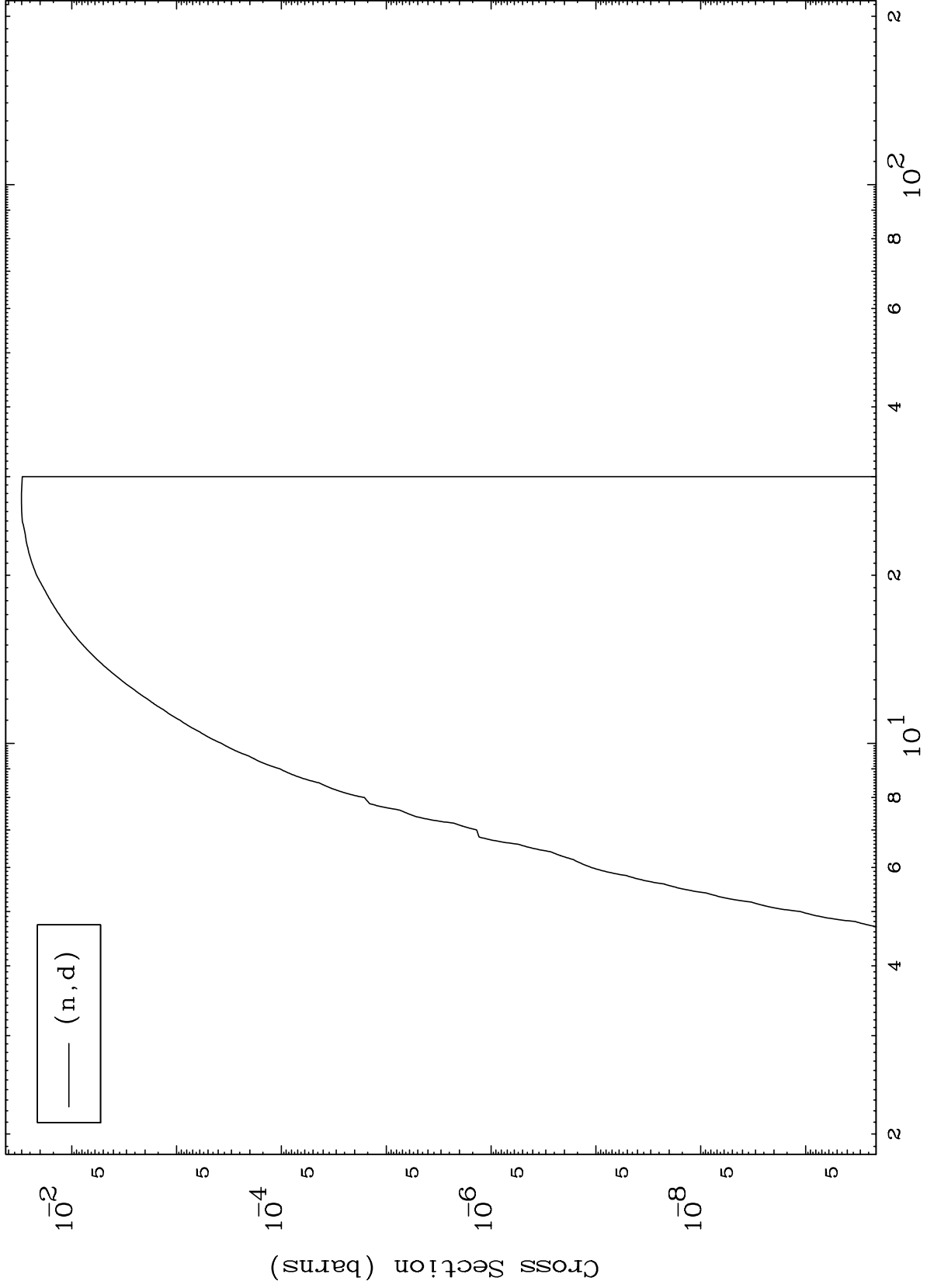
53-I -121

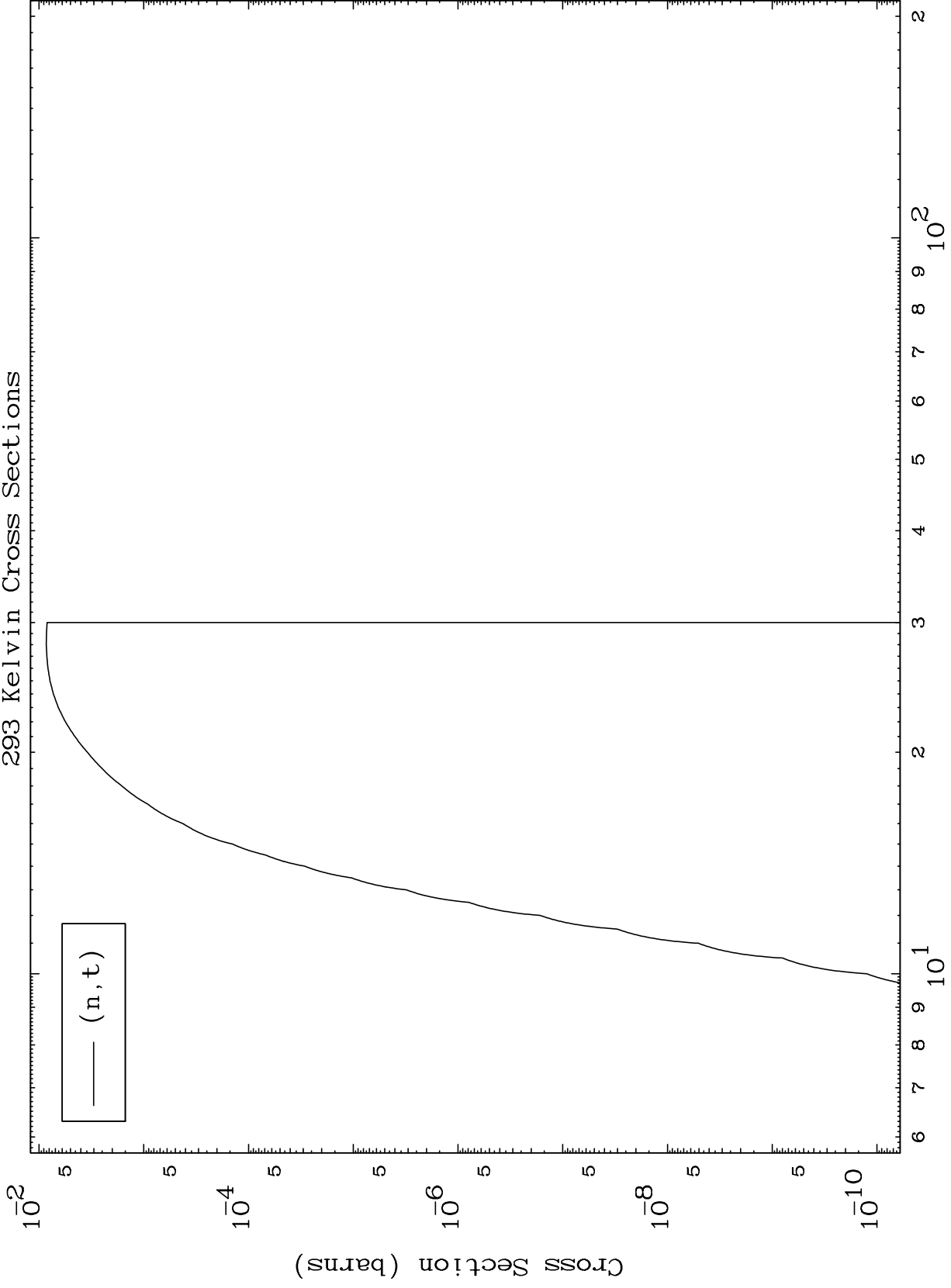


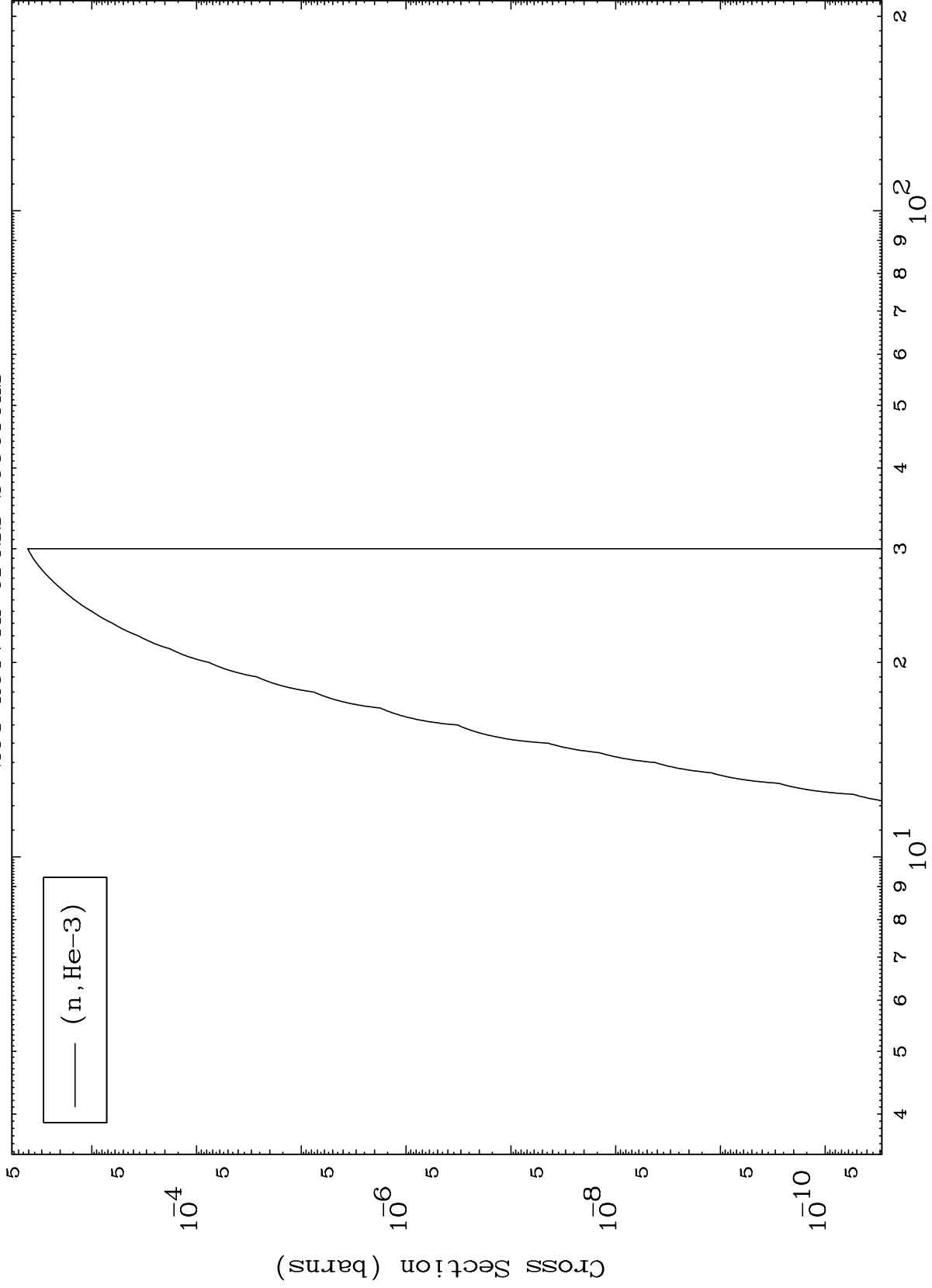
10

Incident Energy (MeV)

53-I -121



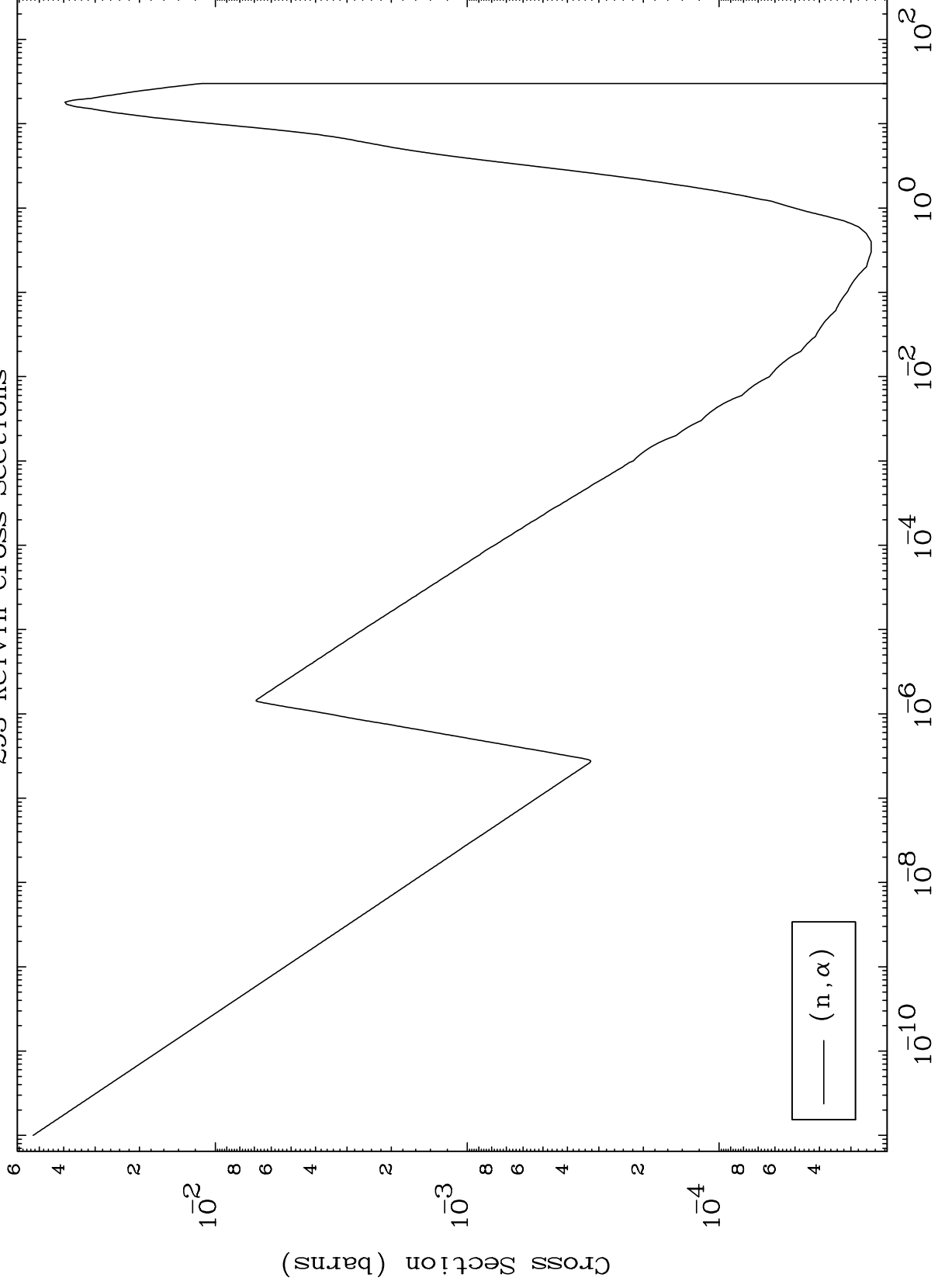




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(n,α) Levels
293 Kelvin Cross Sections

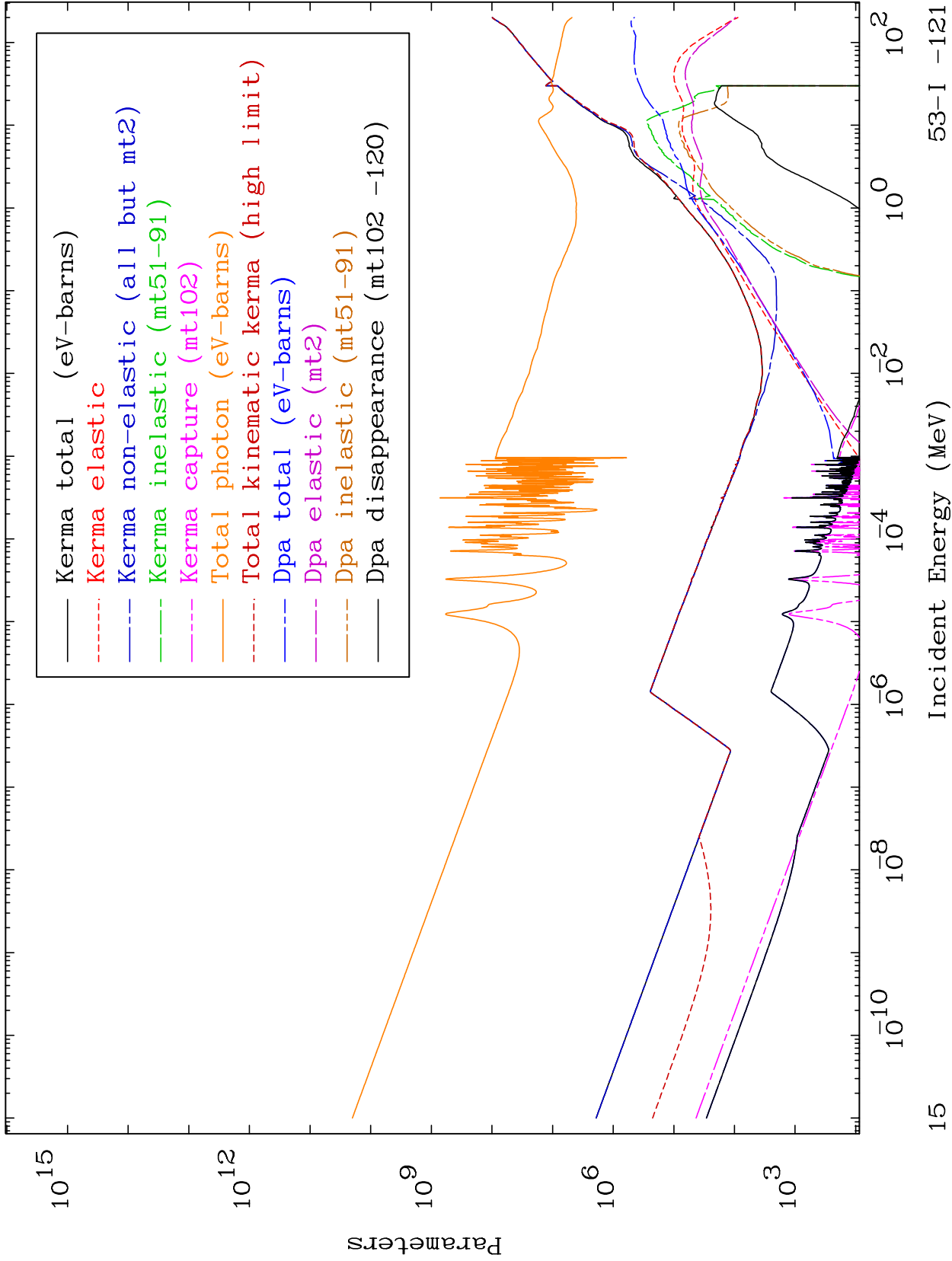
53-I -121



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Incident Energy (MeV)

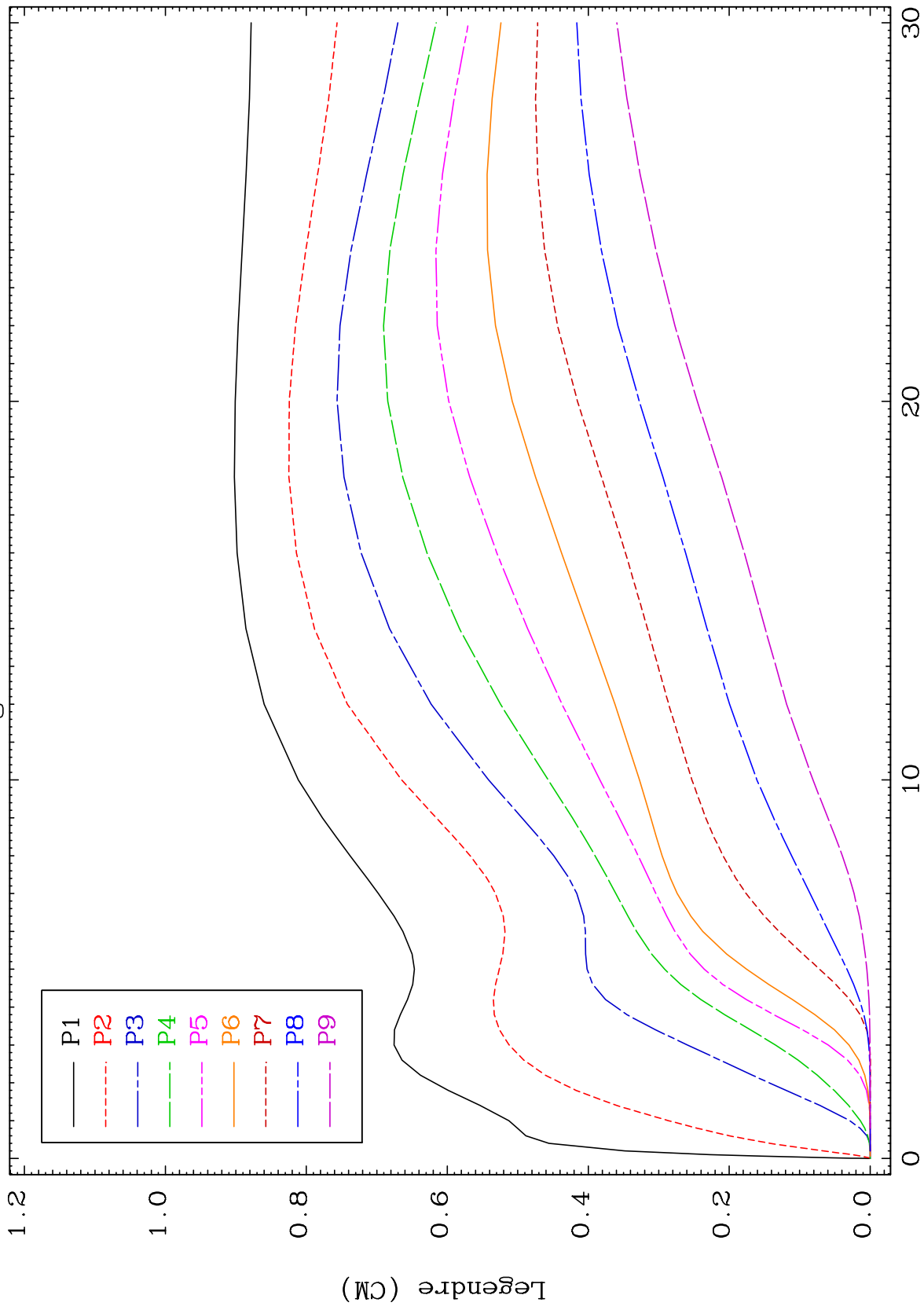
53-I -121



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Elastic Legendre Coefficients

53-I -121

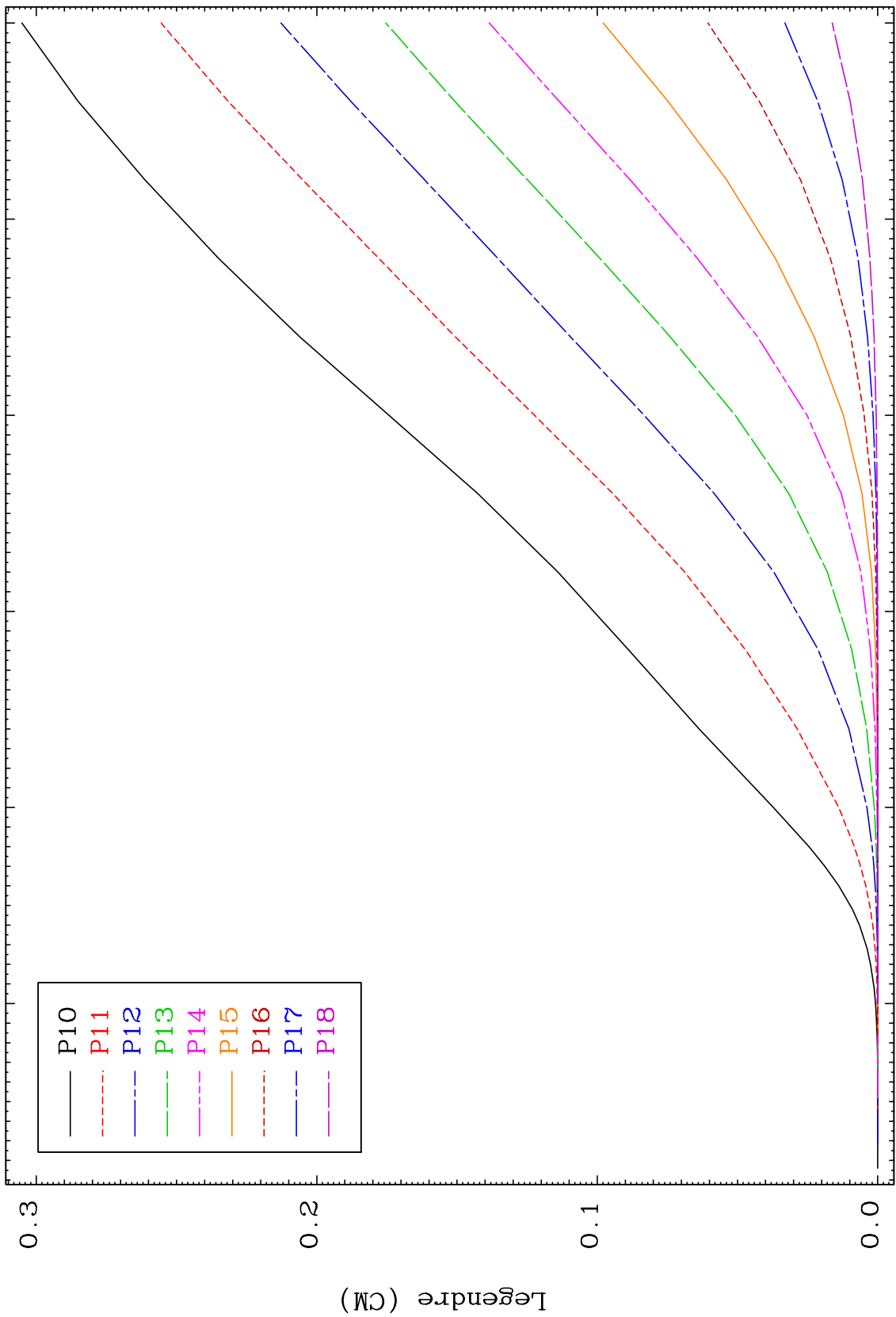


16

Incident Energy (MeV)

53-I -121

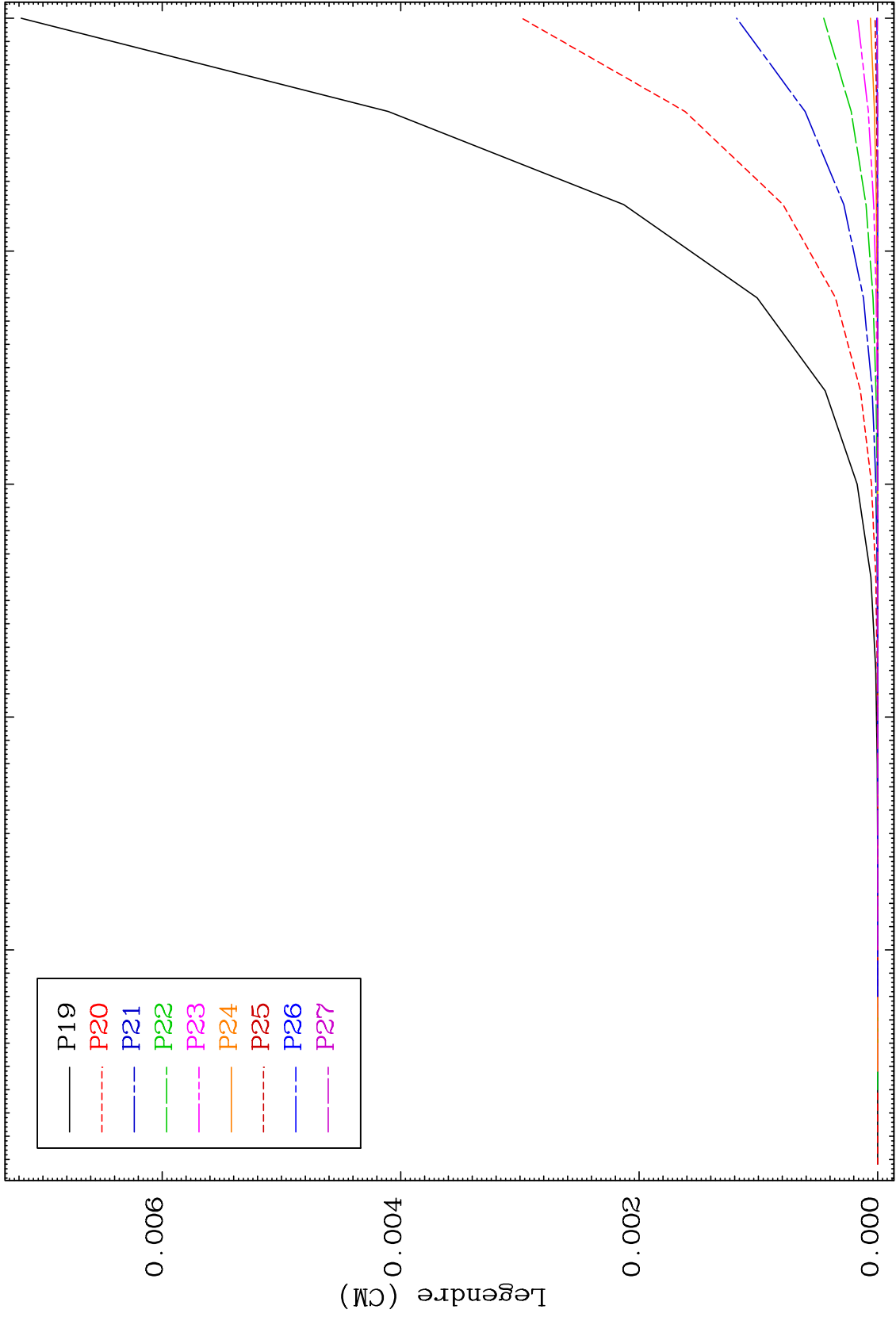
Elastic Legendre Coefficients



MAT 5307

Elastic Legendre Coefficients

53-I -121



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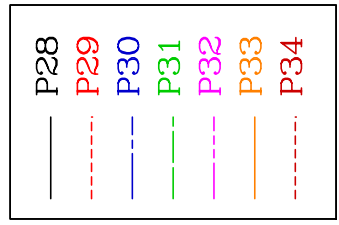
Incident Energy (MeV)

53-I -121

MAT 5307

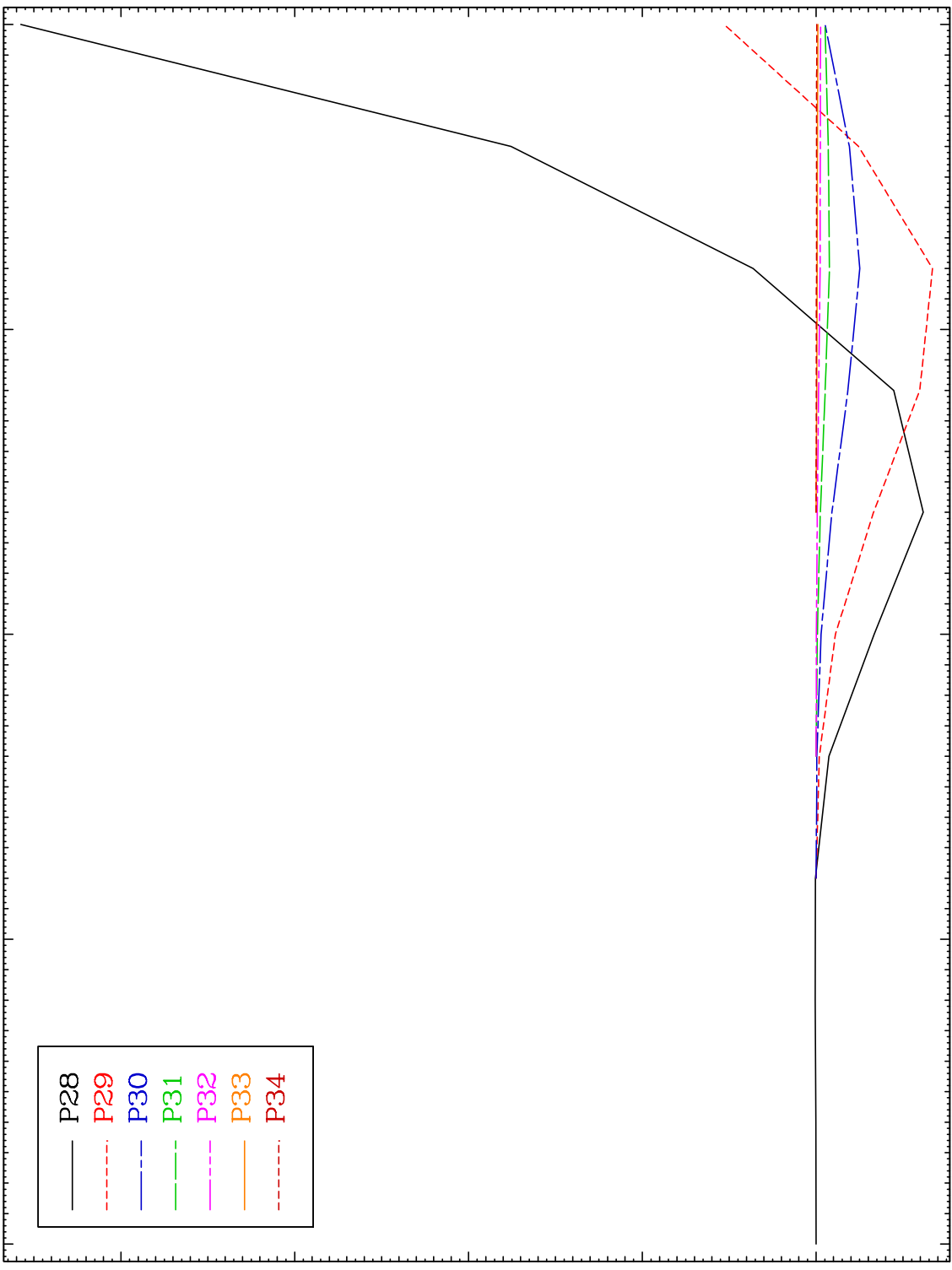
Elastic Legendre Coefficients

53-I -121



$\times 10^{-7}$

Legendre (CM)



30

25

20

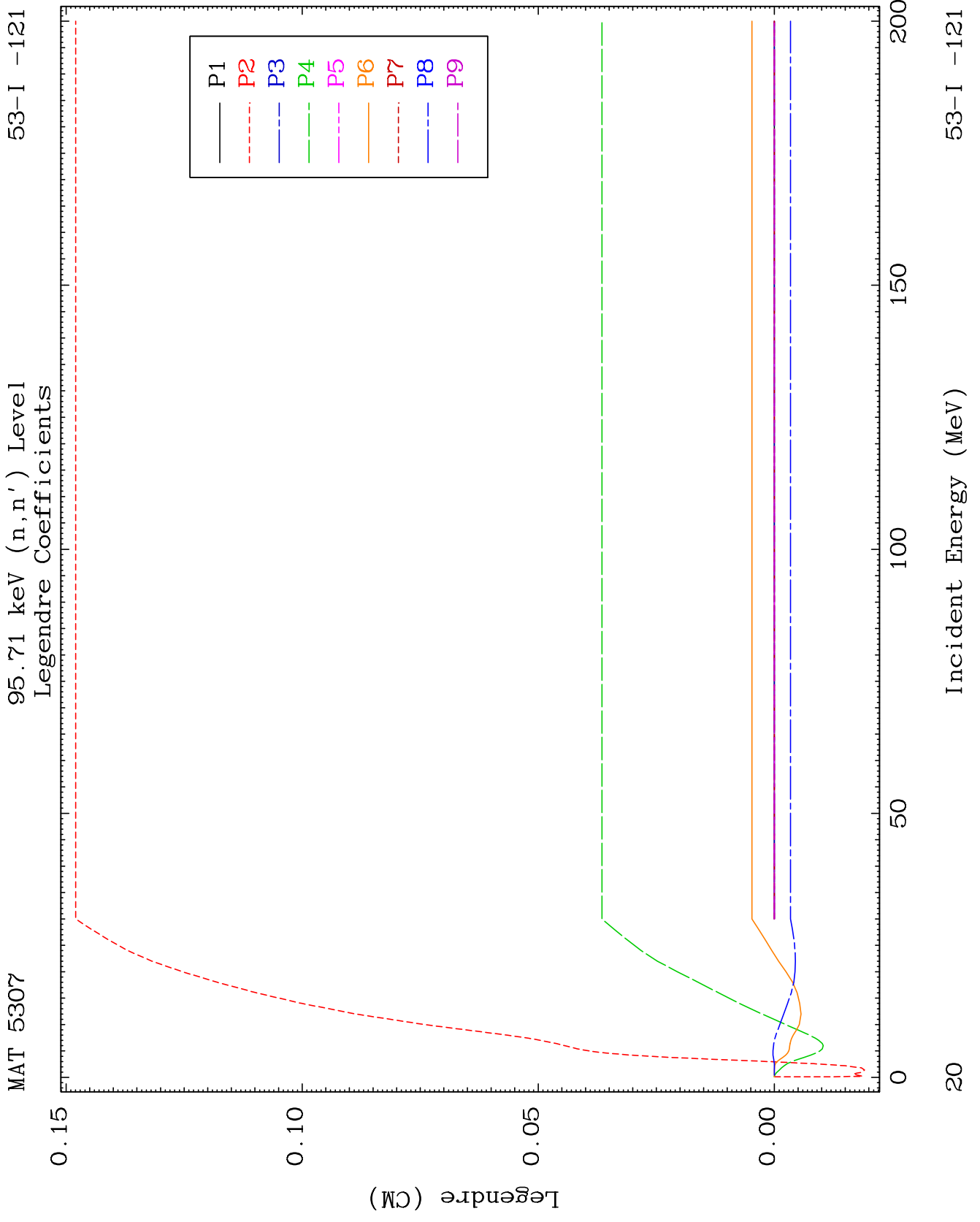
15

10

Incident Energy (MeV)

53-I -121

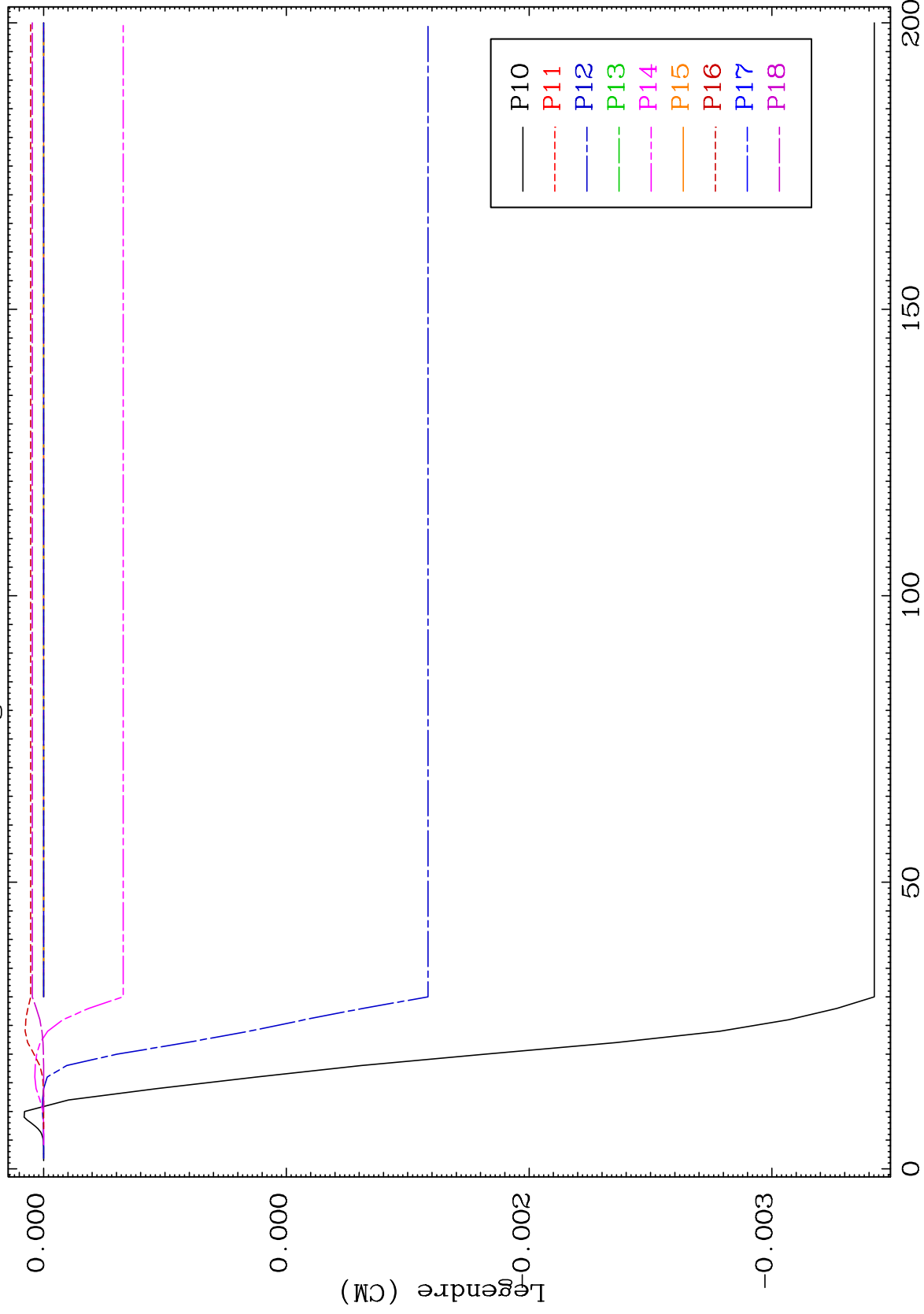
19



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95.71 keV (n,n') Level
Legendre Coefficients

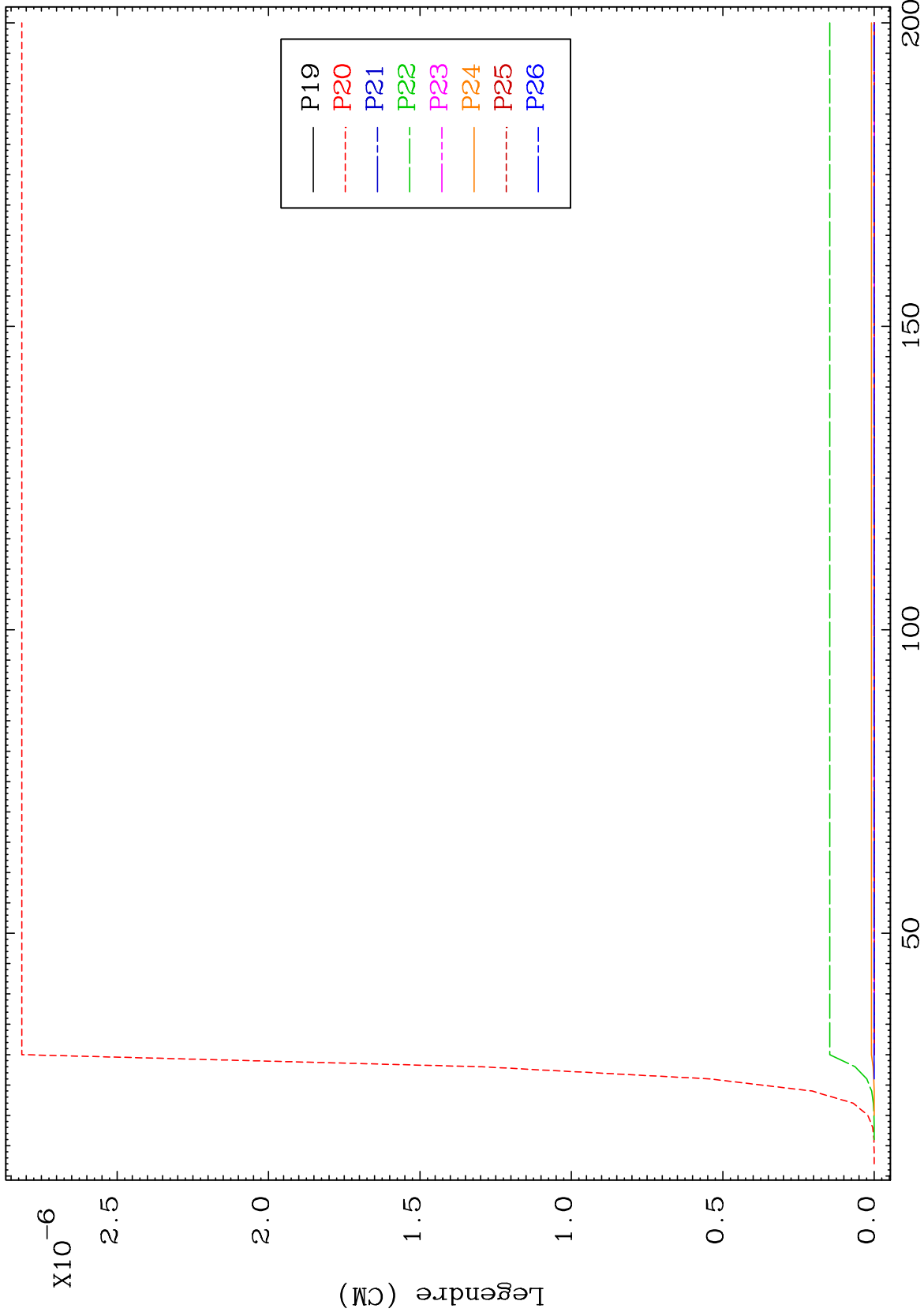
53-I -121



21

Incident Energy (MeV)

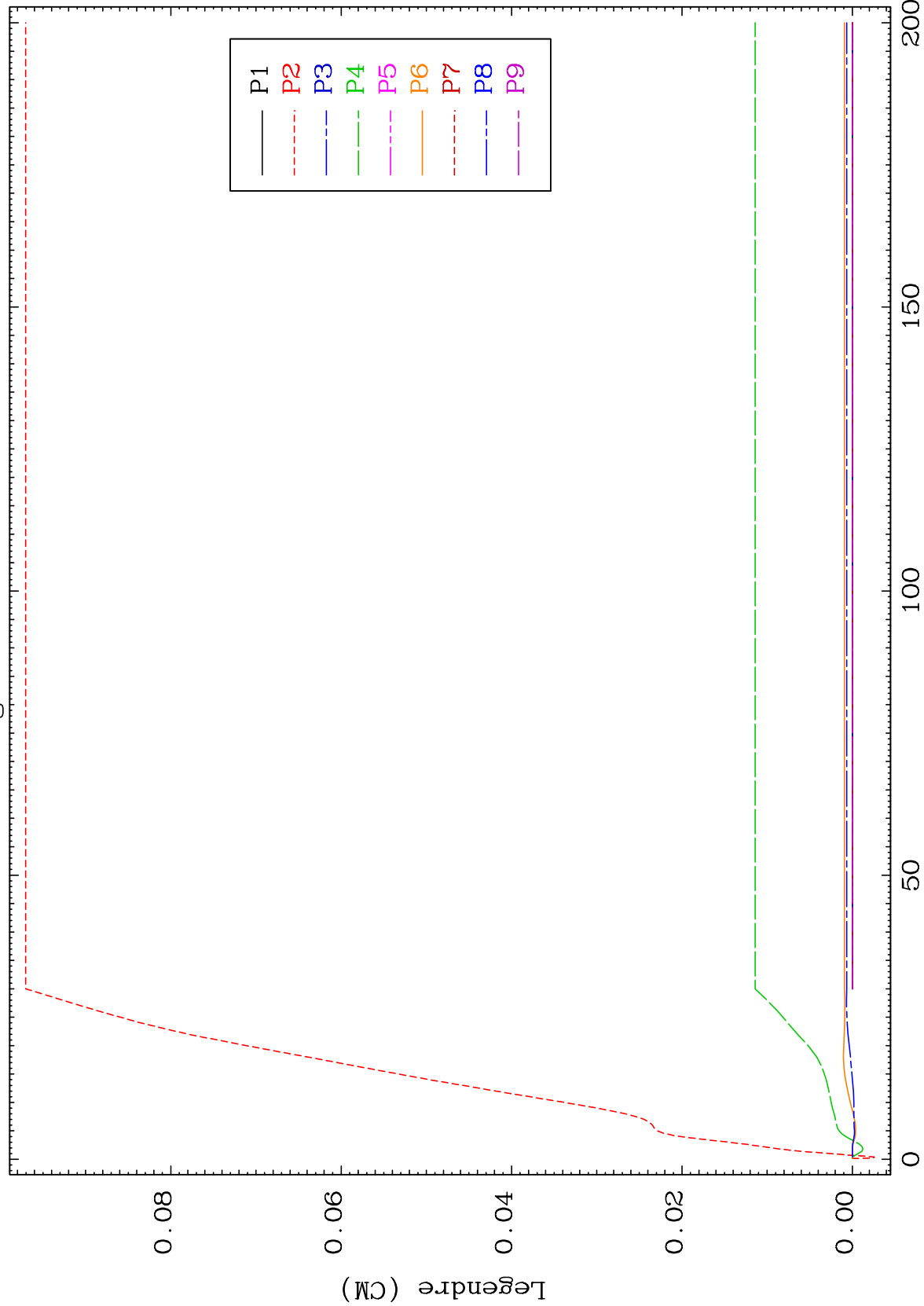
53-I -121



MAT 5307

132.8 keV (n,n') Level
Legendre Coefficients

53-I -121



23

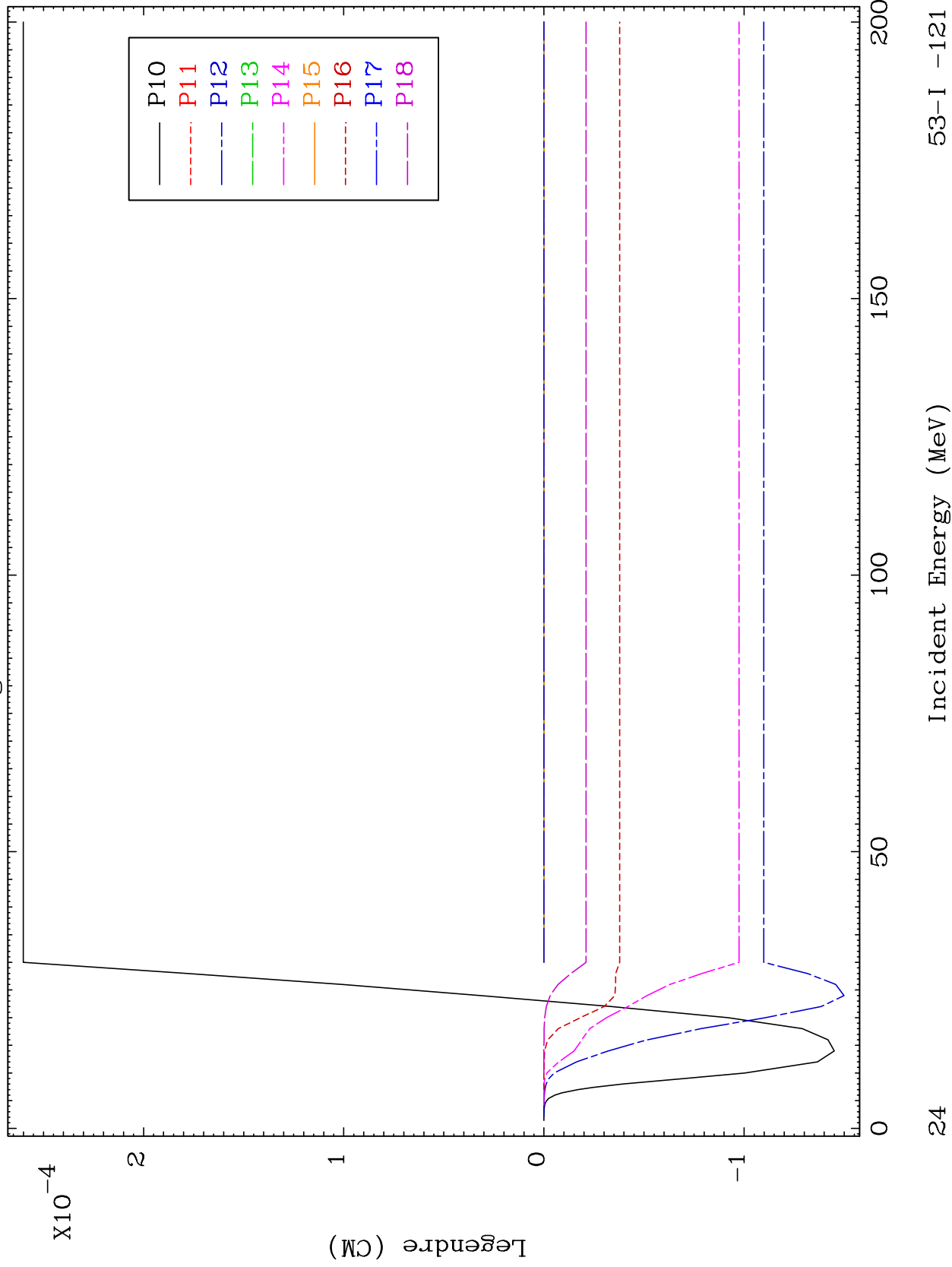
Incident Energy (MeV)

53-I -121

MAT 5307

132.8 keV (n,n') Level
Legendre Coefficients

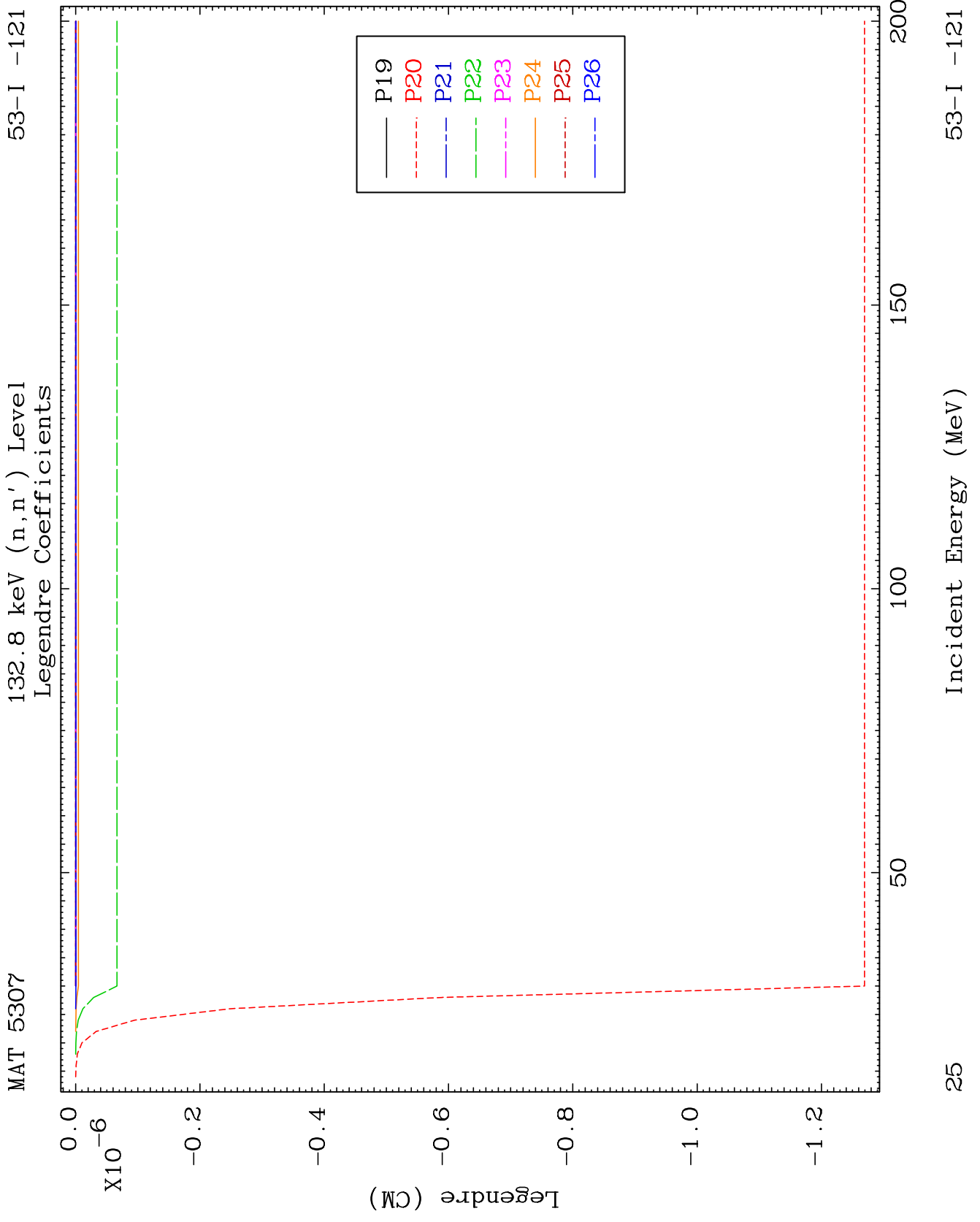
53-I -121



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Incident Energy (MeV)

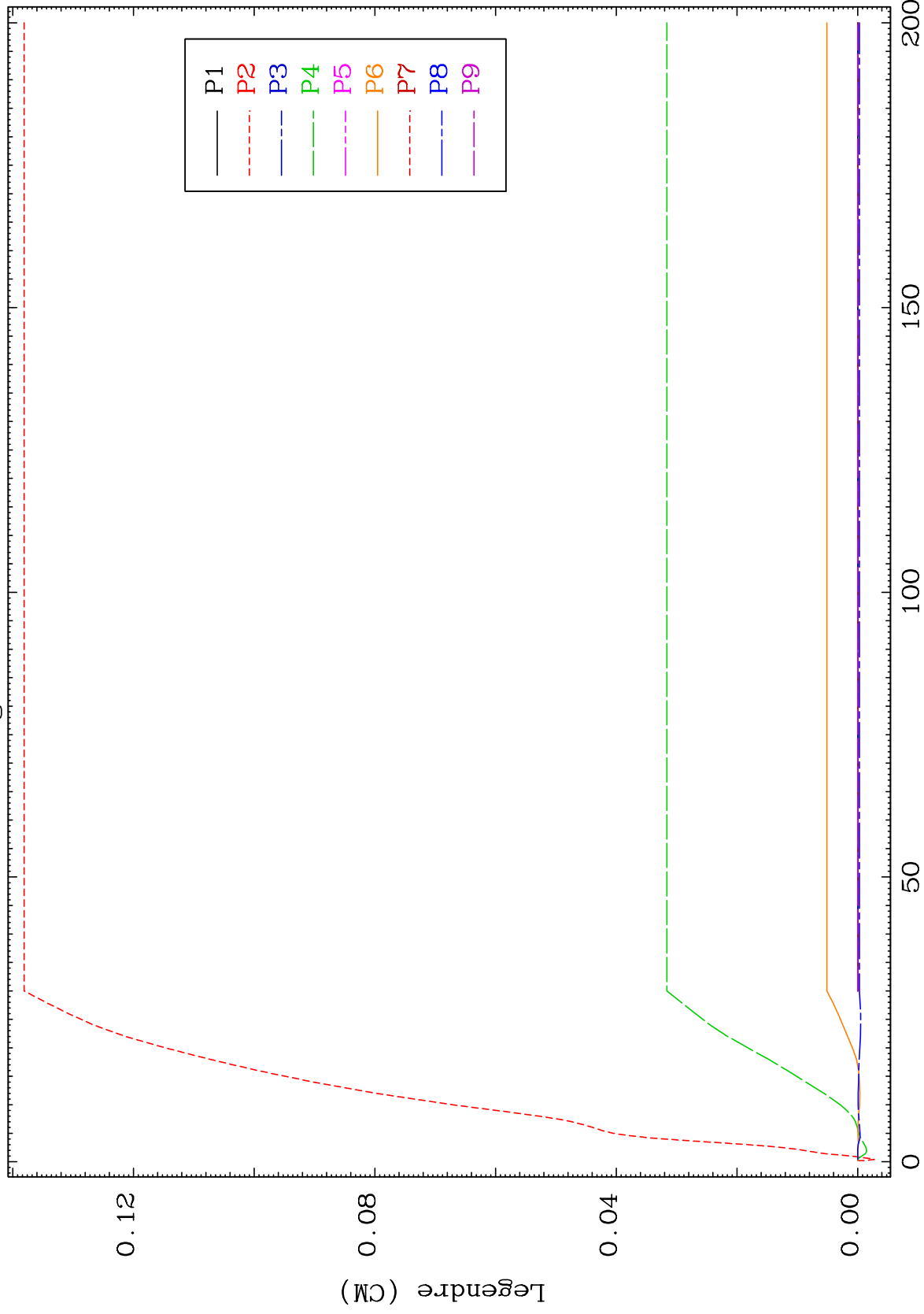
53-I -121



MAT 5307

175.8 keV (n,n') Level
Legendre Coefficients

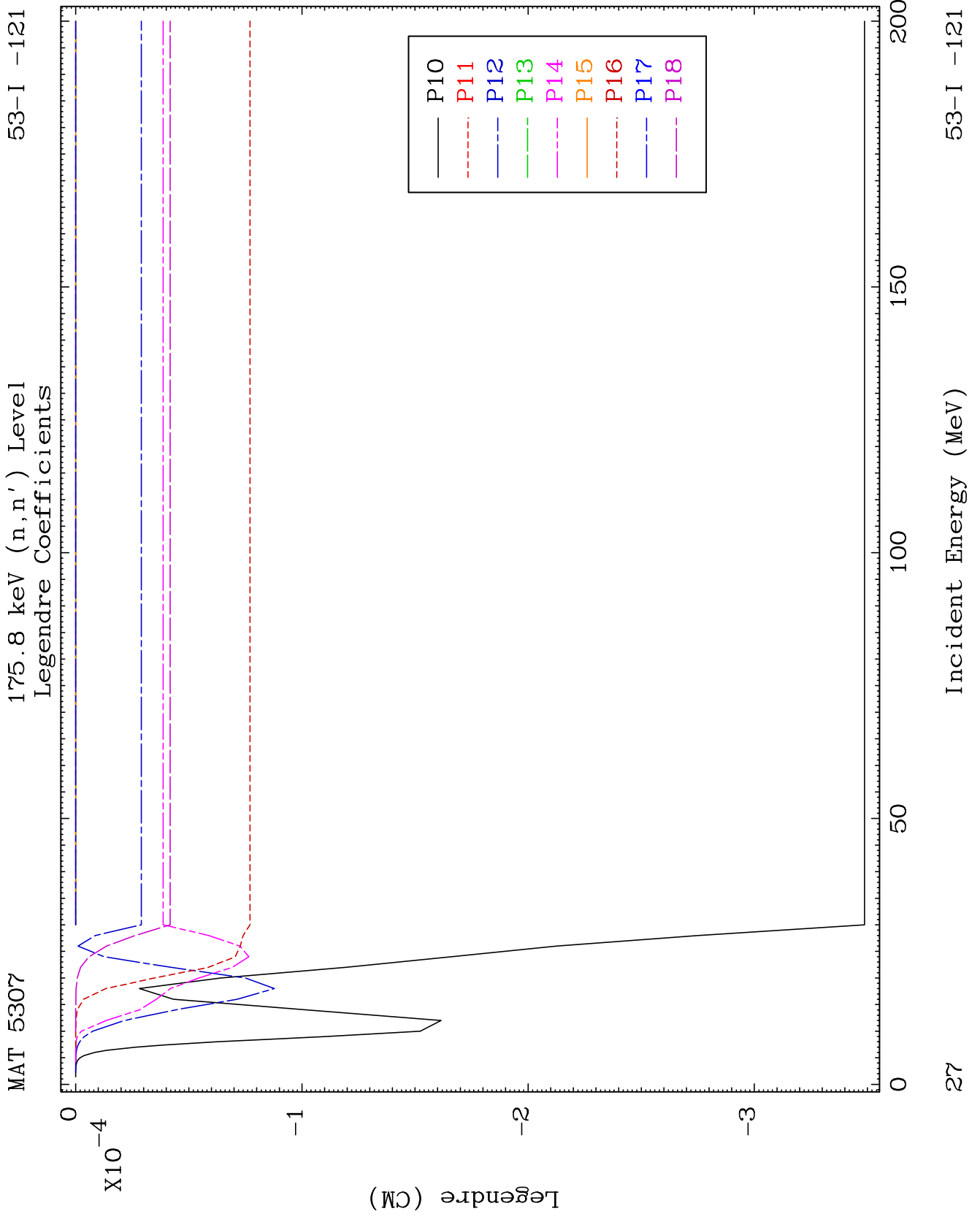
53-I -121

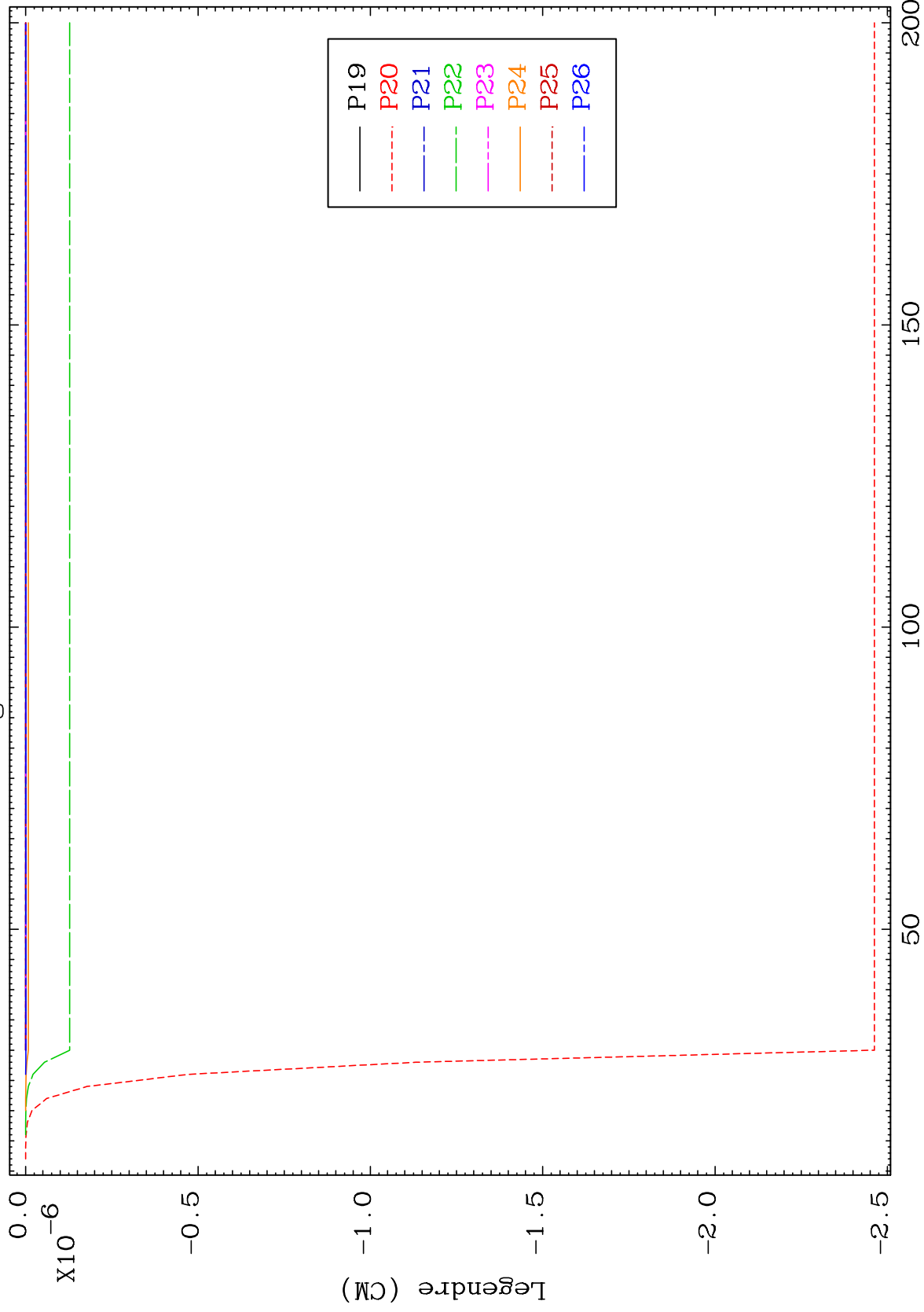


26

Incident Energy (MeV)

53-I -121

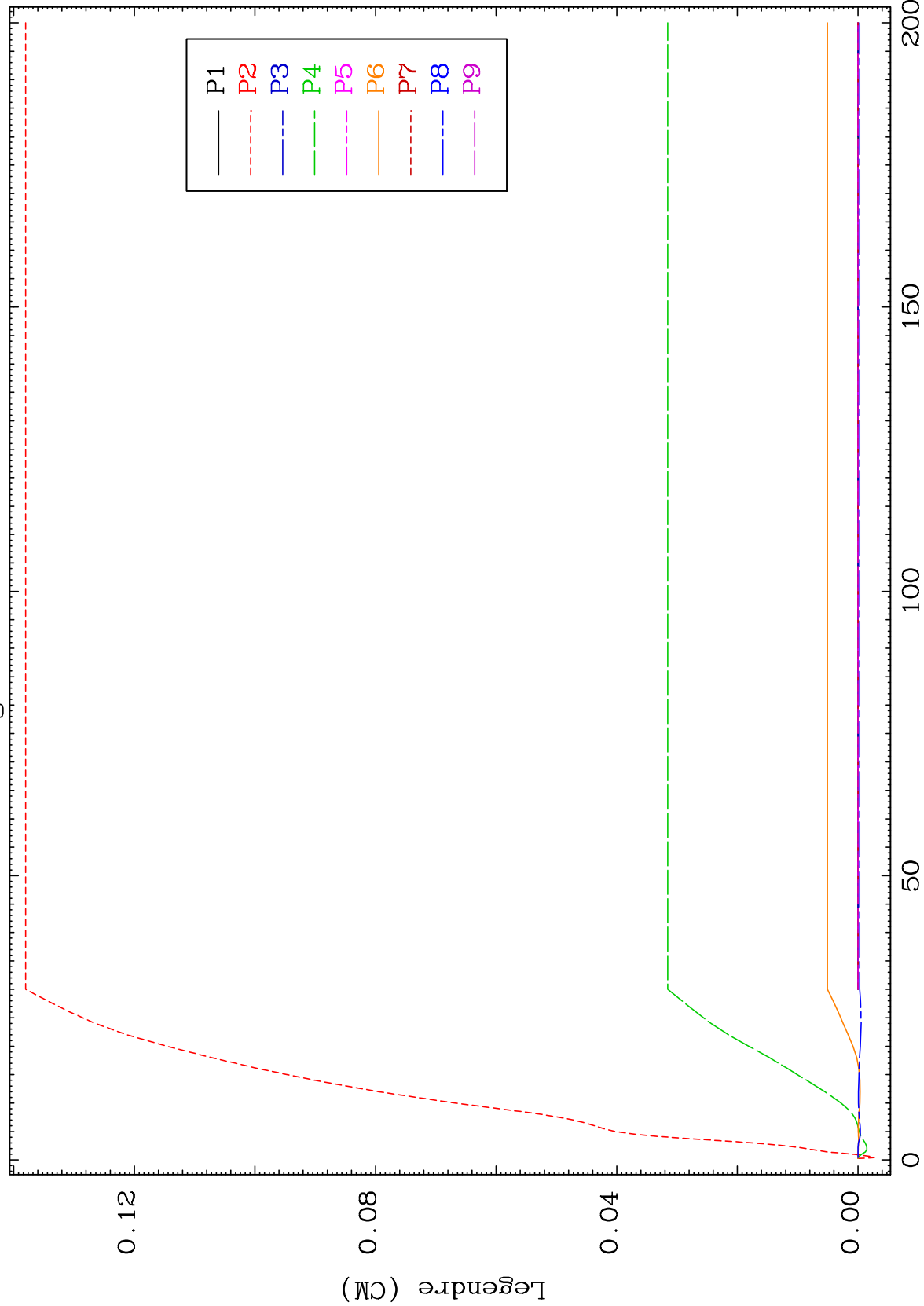




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252.7 keV (n,n') Level
Legendre Coefficients

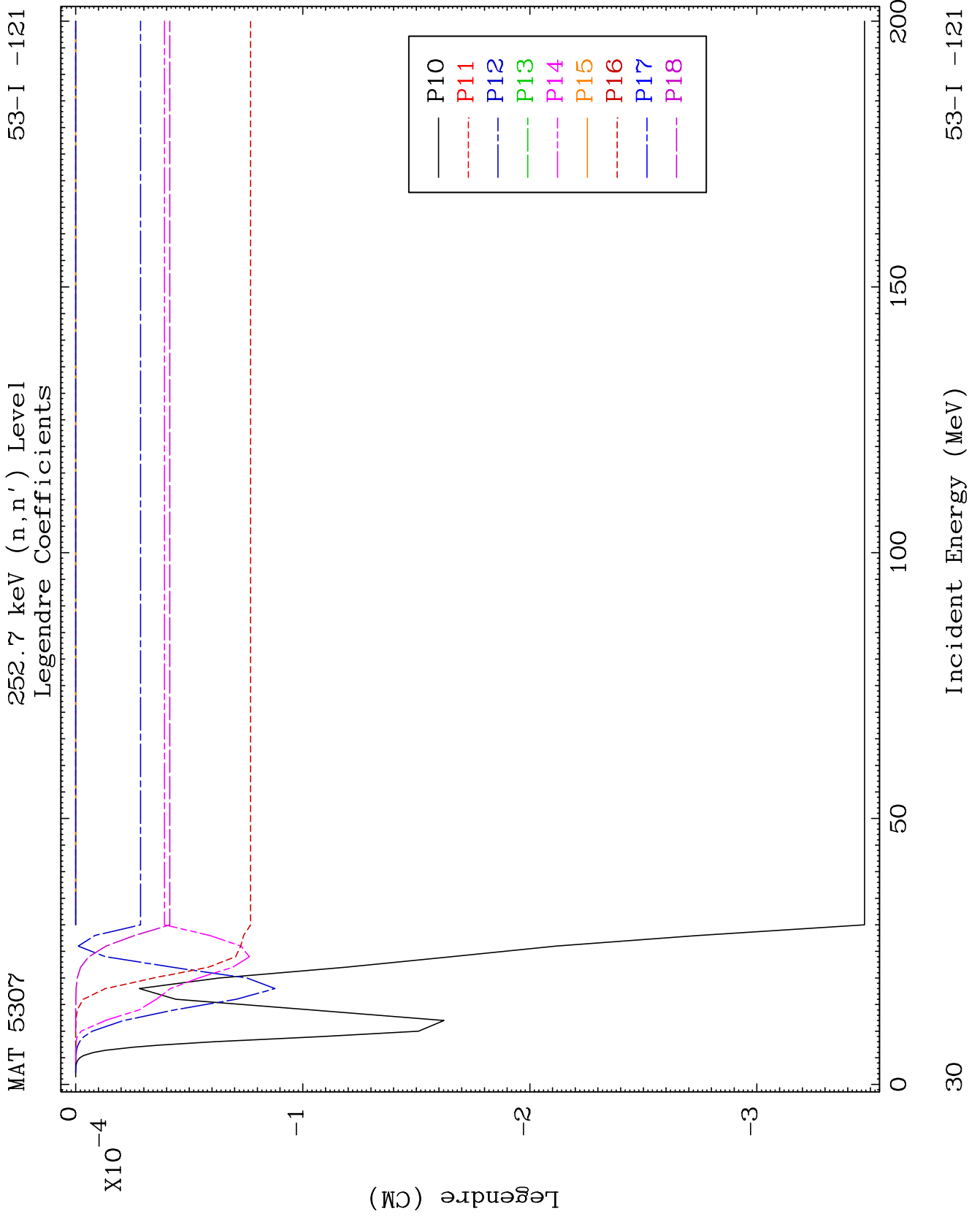
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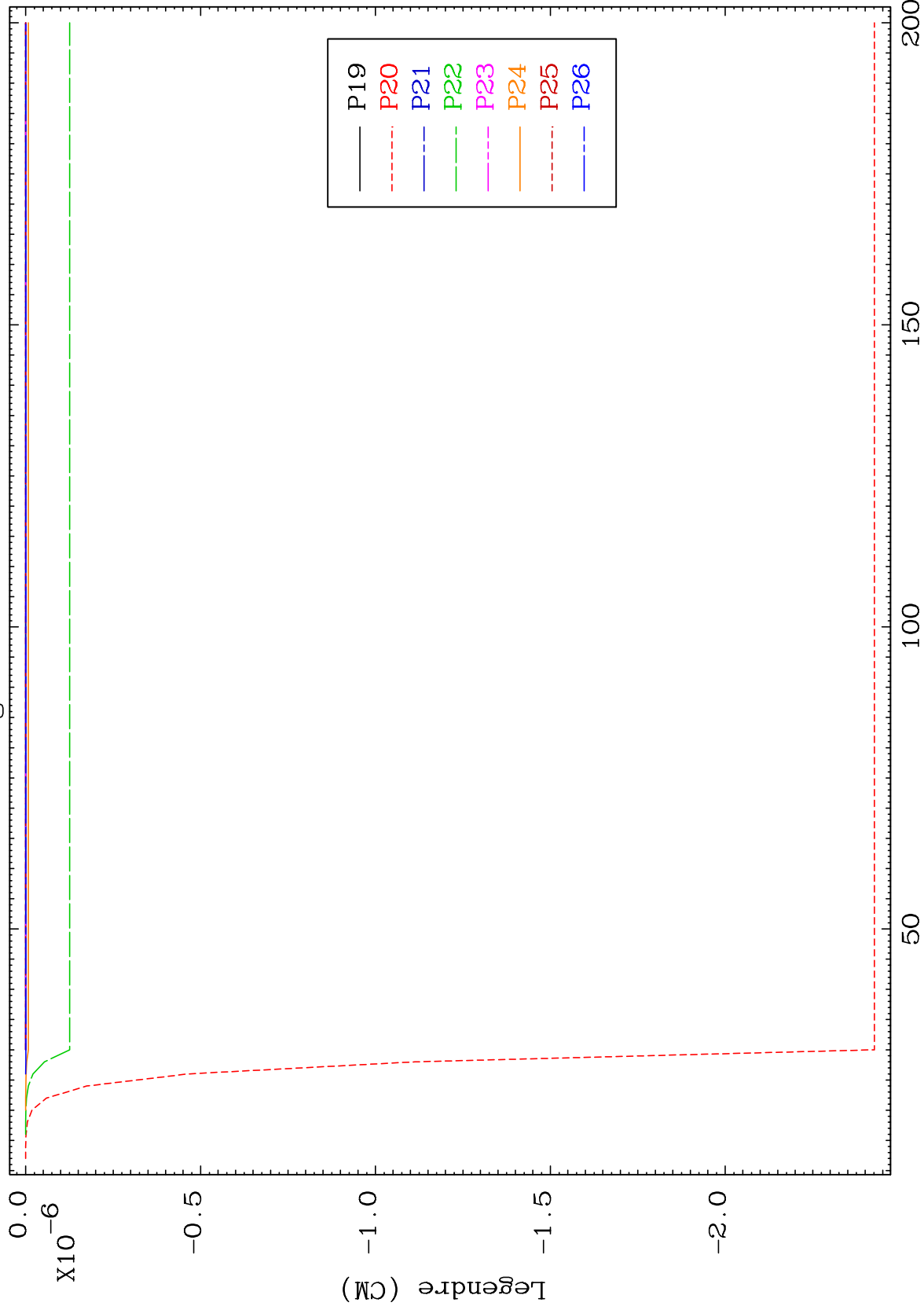


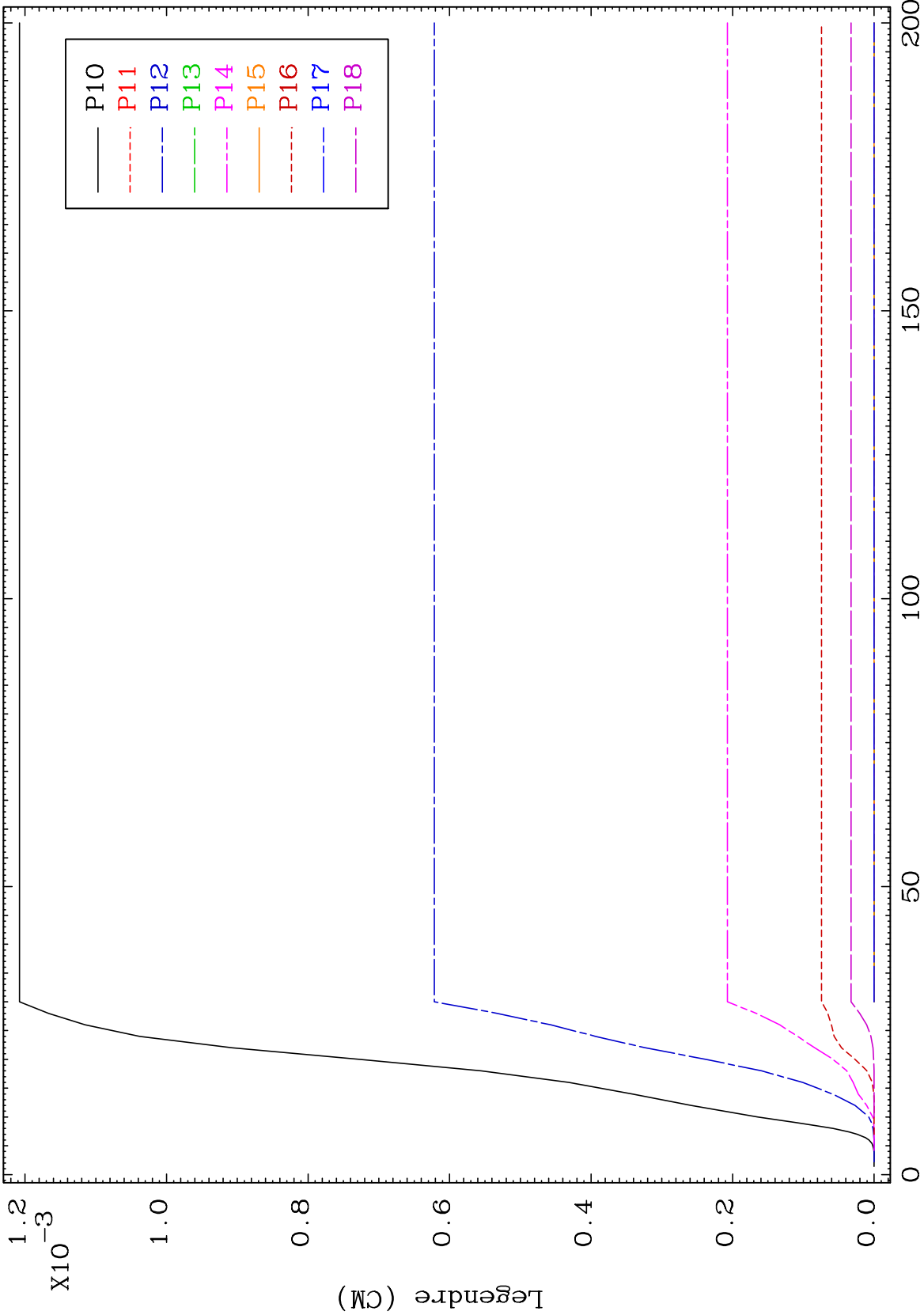
29

Incident Energy (MeV)

53-I -121



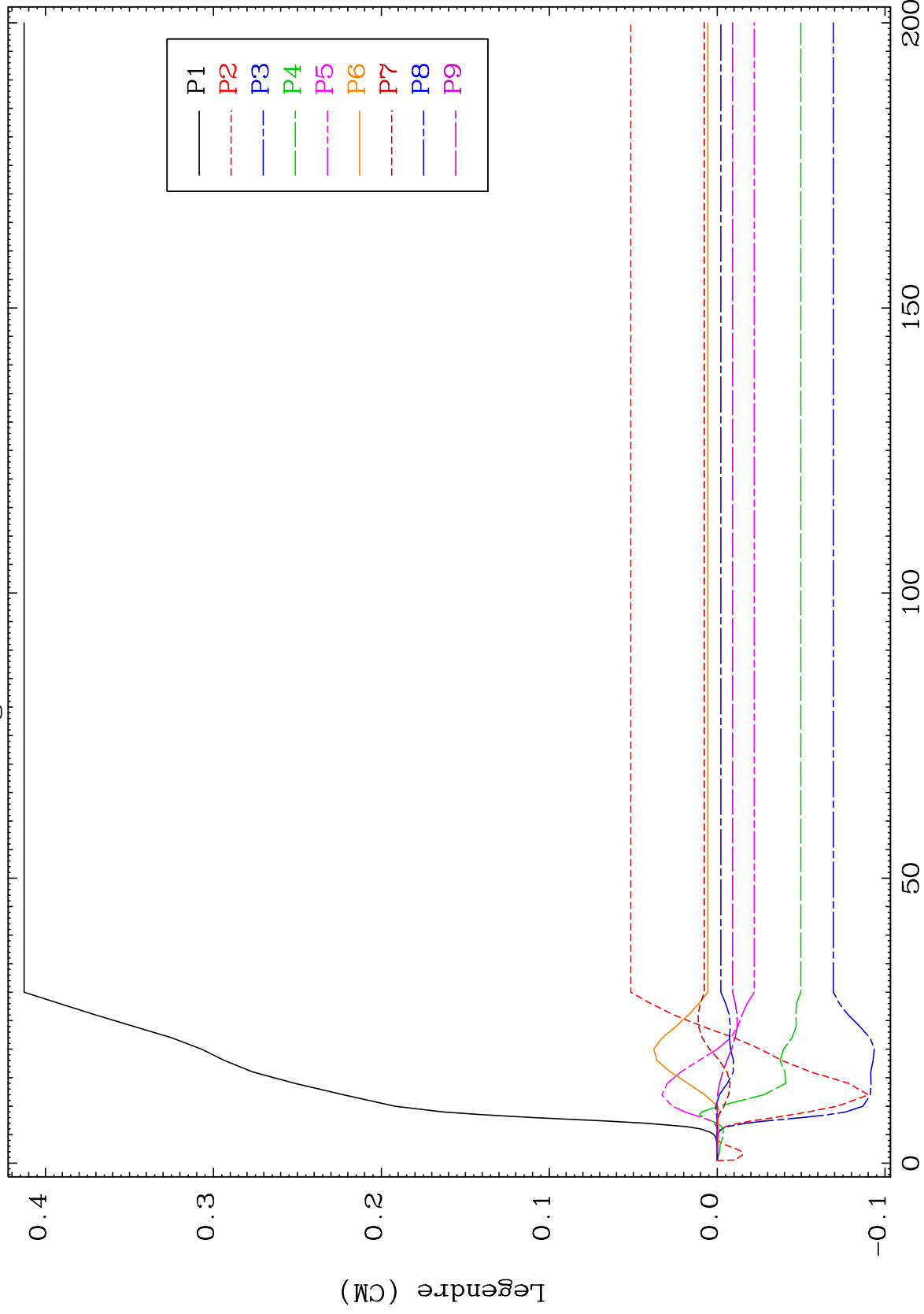




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433.6 keV (n,n') Level
Legendre Coefficients

53-I -121



35

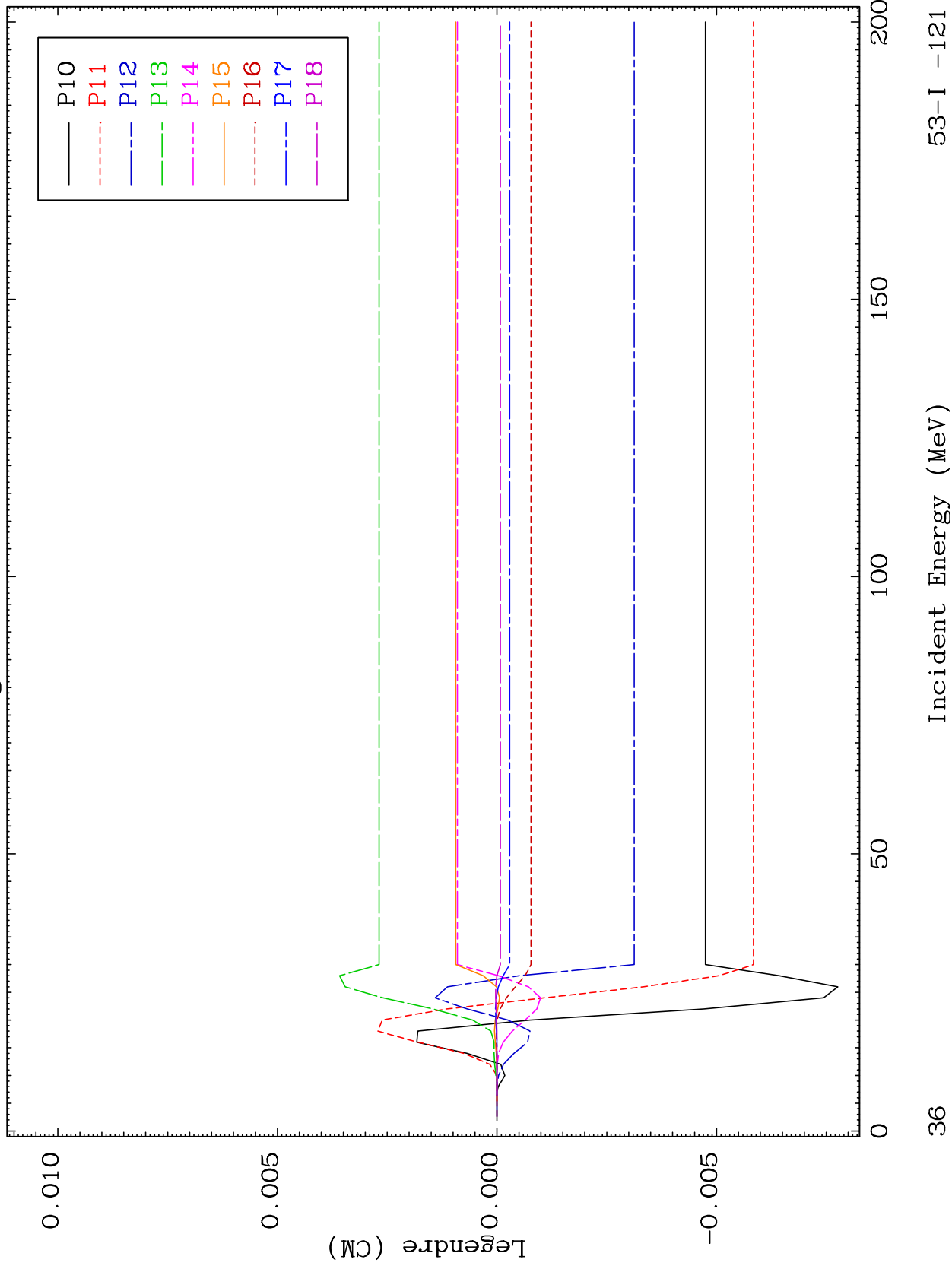
Incident Energy (MeV)

53-I -121

MAT 5307

433.6 keV (n,n') Level
Legendre Coefficients

53-I -121



53-I -121

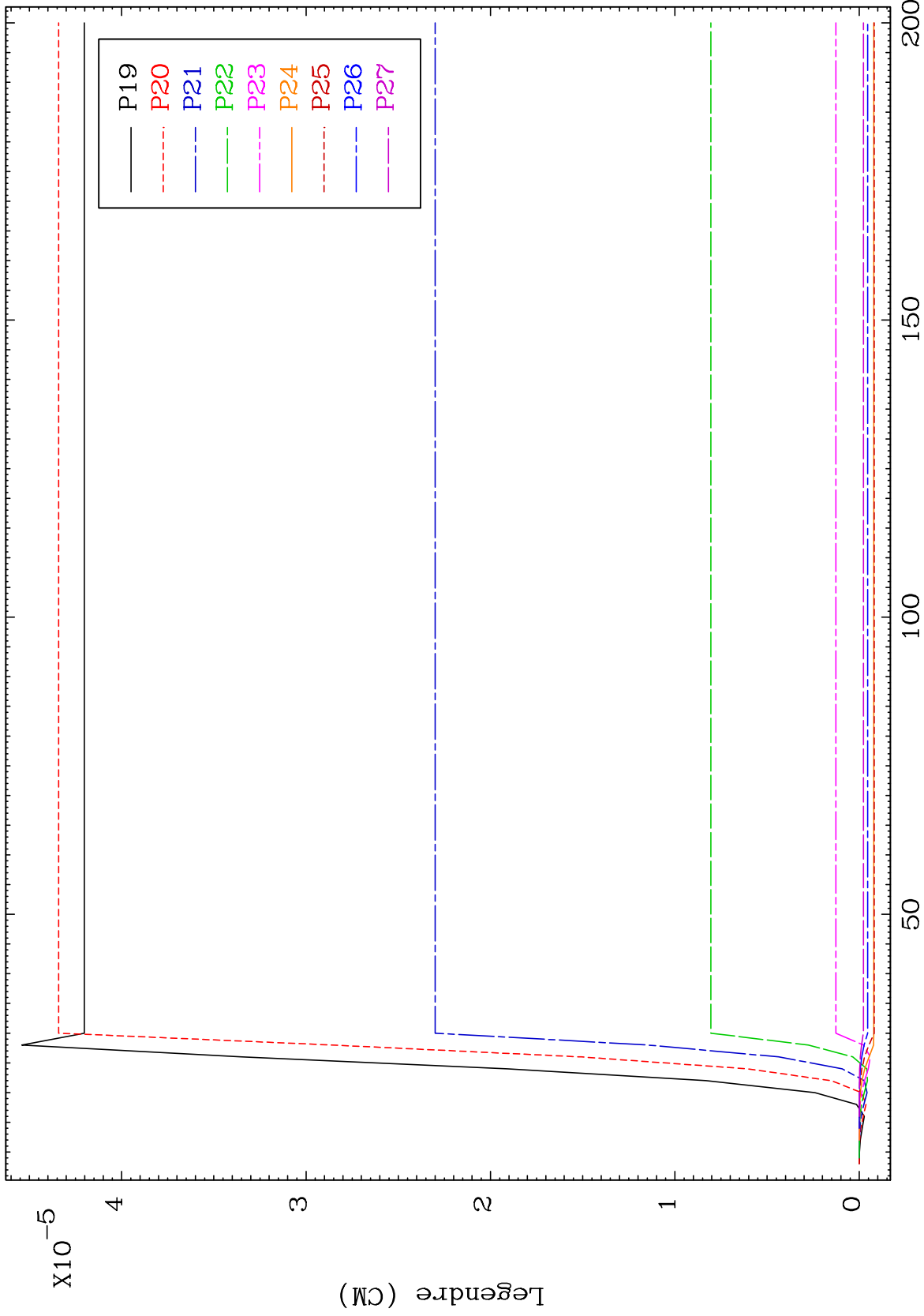
Incident Energy (MeV)

36

MAT 5307

433.6 keV (n,n') Level
Legendre Coefficients

53-I -121



37

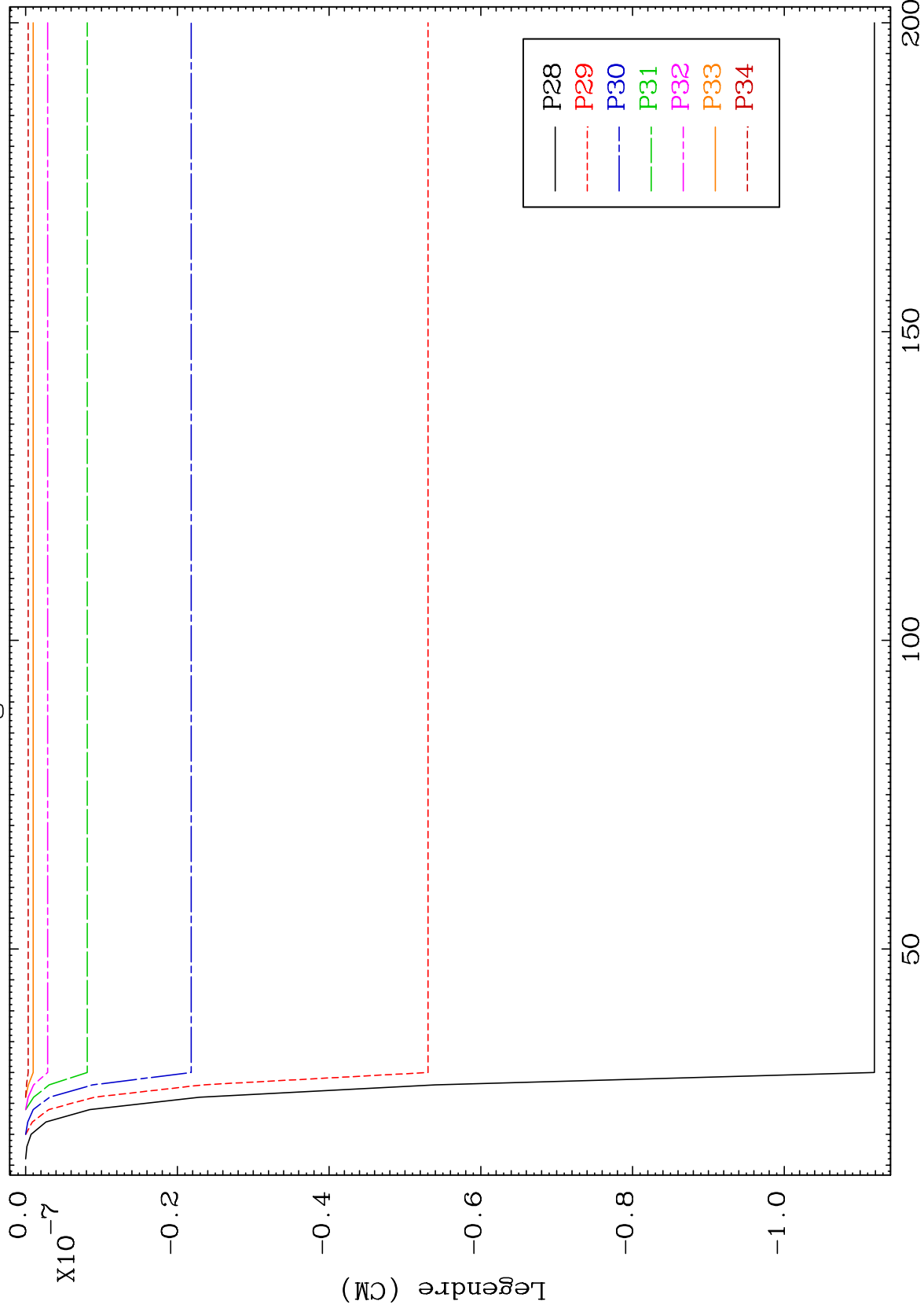
Incident Energy (MeV)

53-I -121

MAT 5307

433.6 keV (n,n') Level
Legendre Coefficients

53-I -121



38

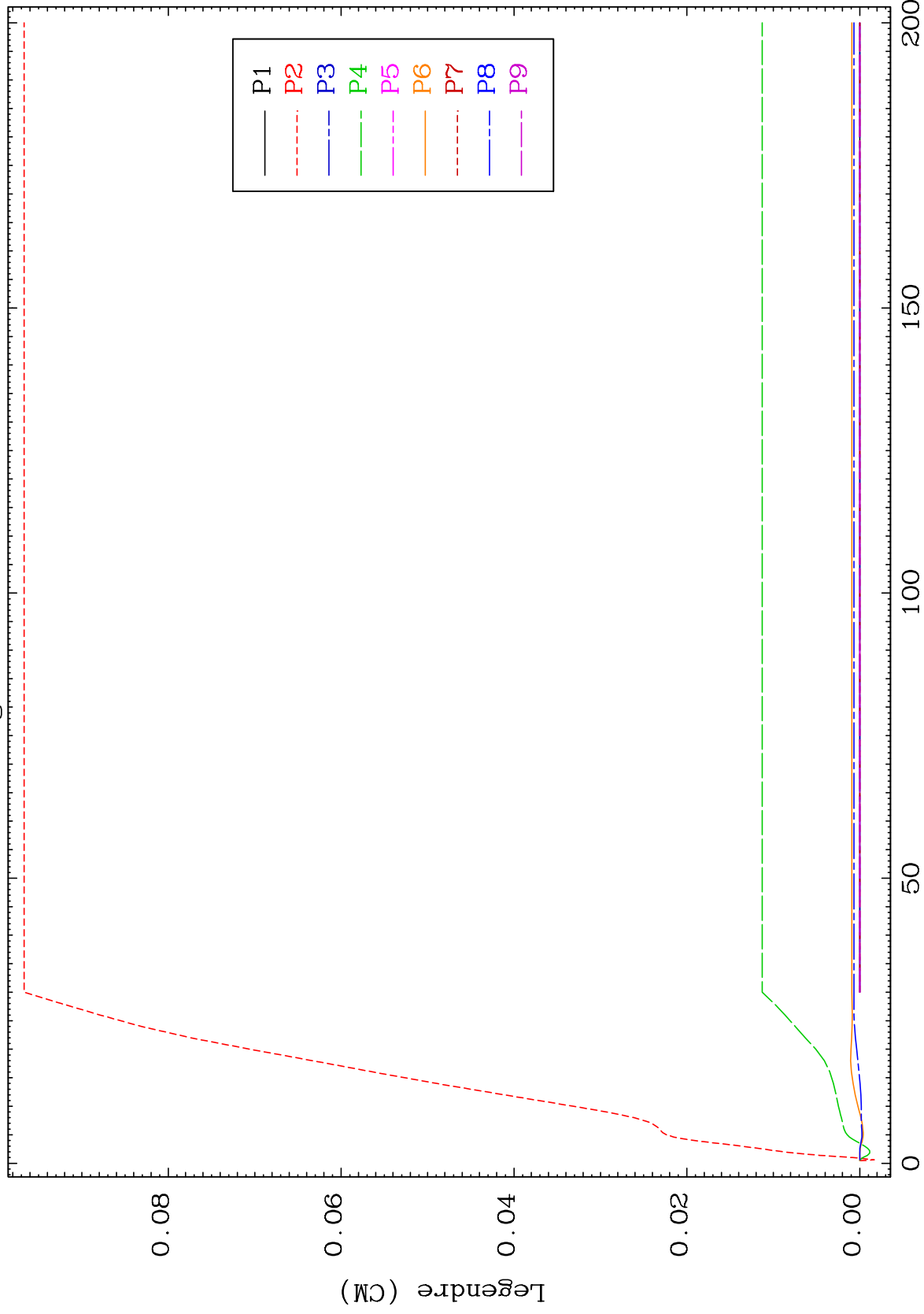
Incident Energy (MeV)

53-I -121

MAT 5307

445.3 keV (n,n') Level
Legendre Coefficients

53-I -121



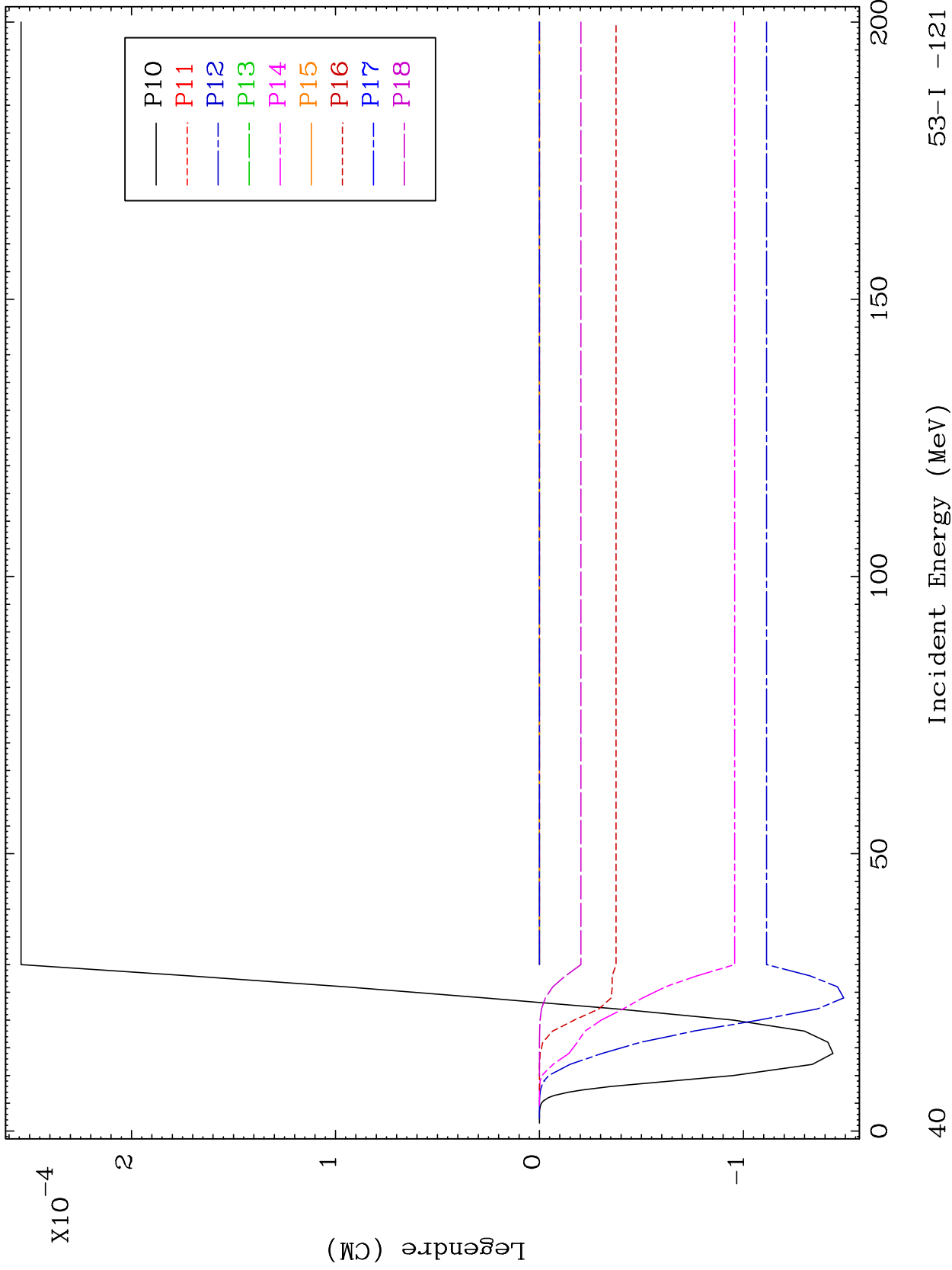
39

53-I -121

MAT 5307

445.3 keV (n,n') Level
Legendre Coefficients

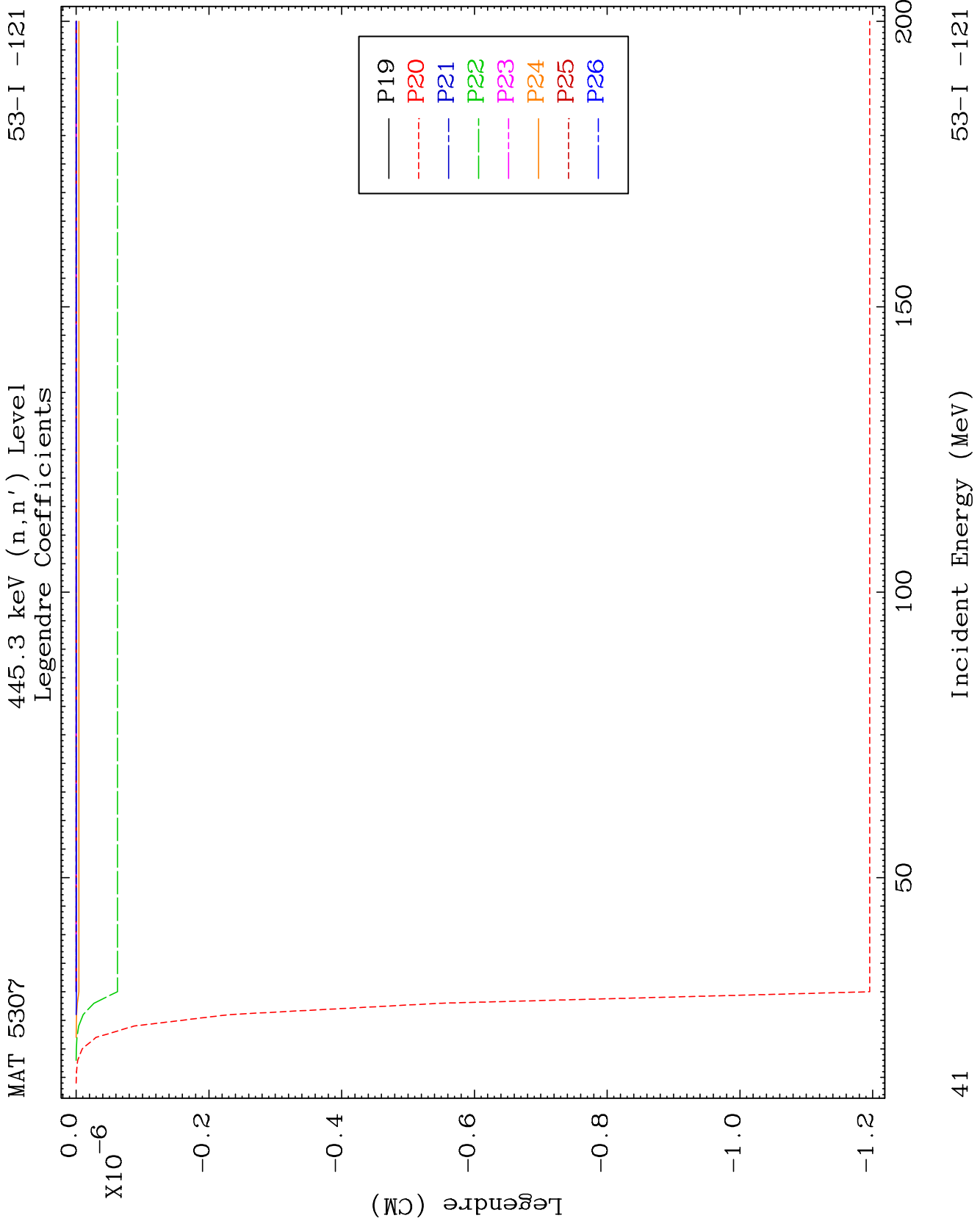
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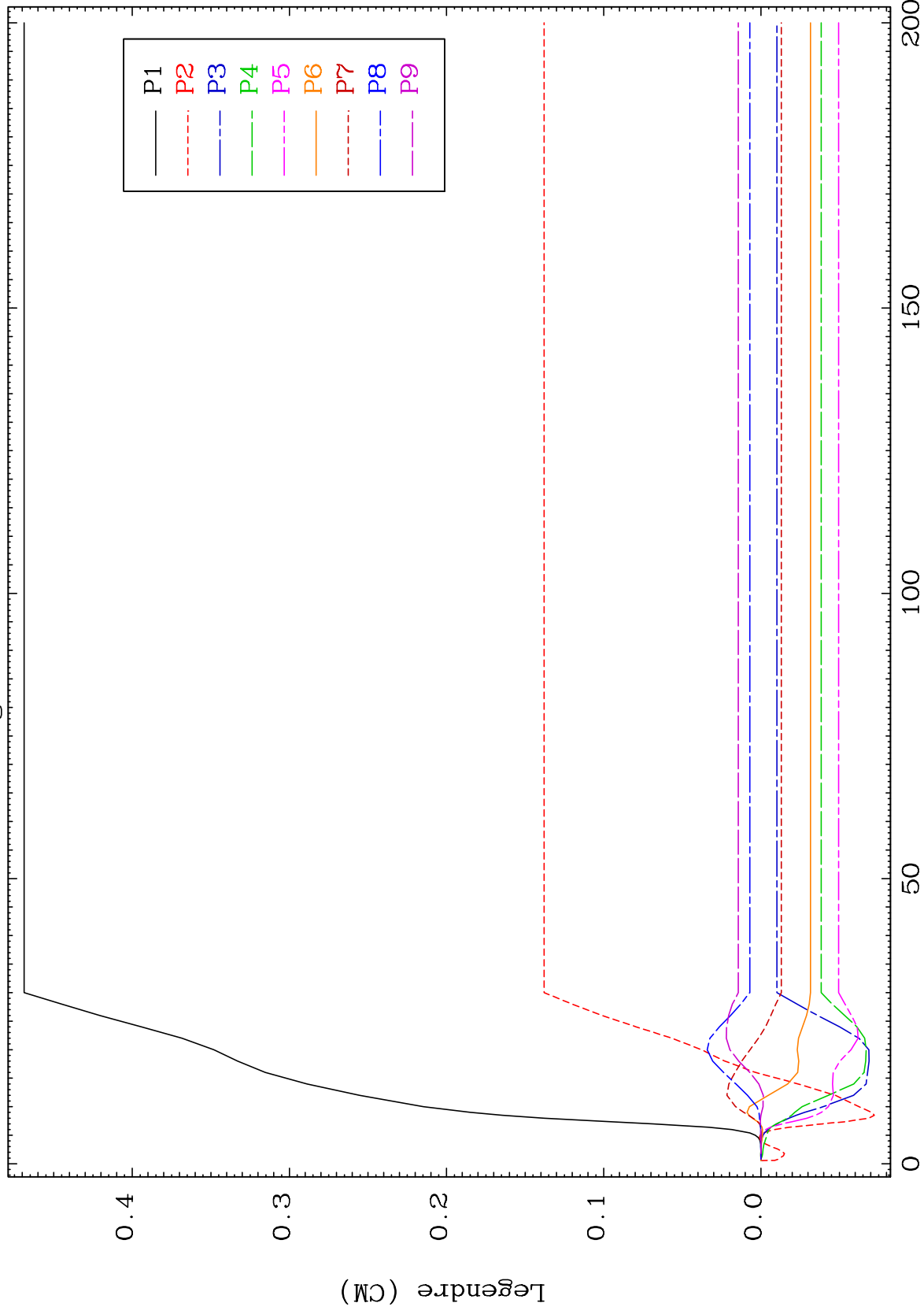


53-I -121

Incident Energy (MeV)

40

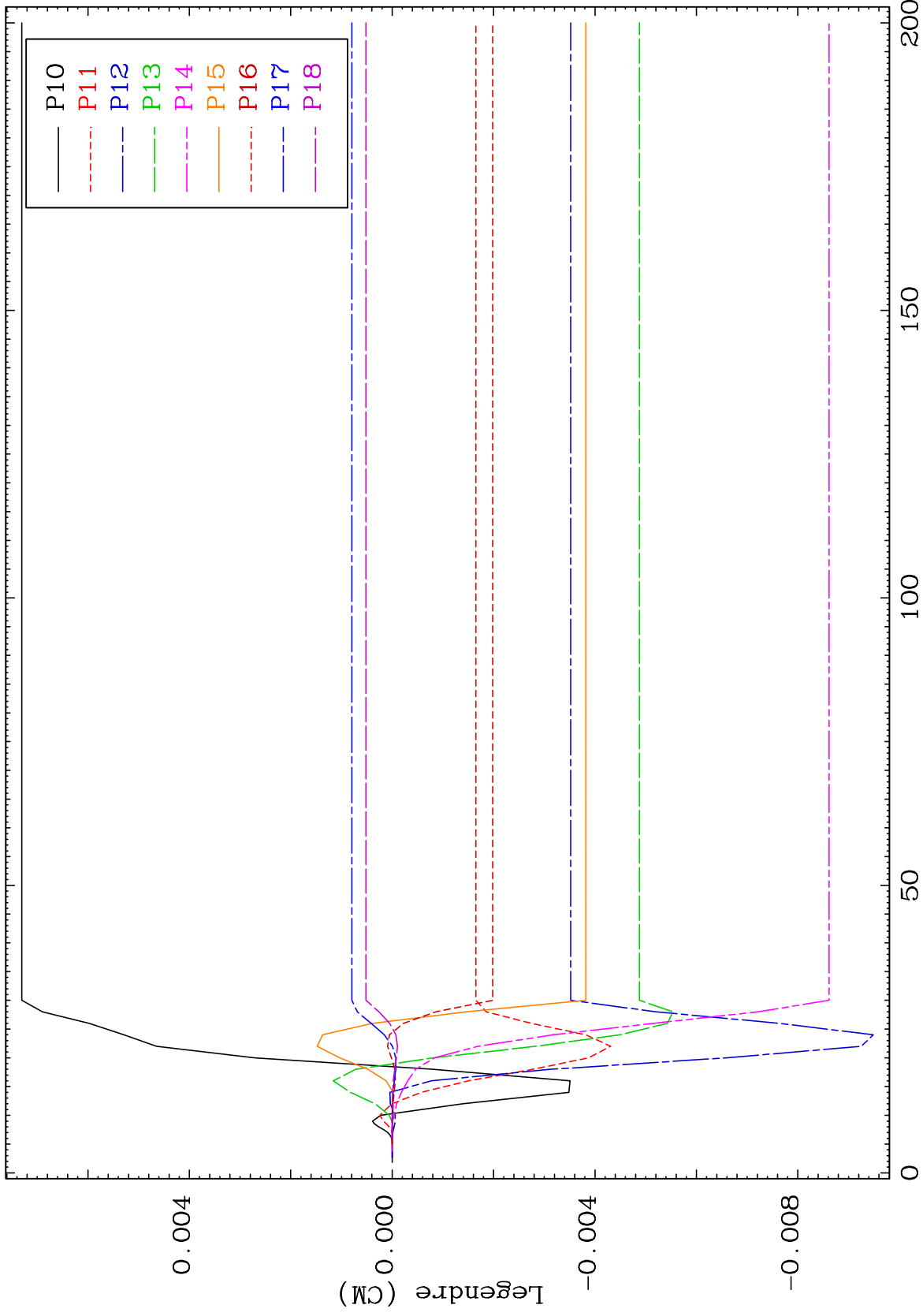




MAT 5307

529.3 keV (n,n') Level
Legendre Coefficients

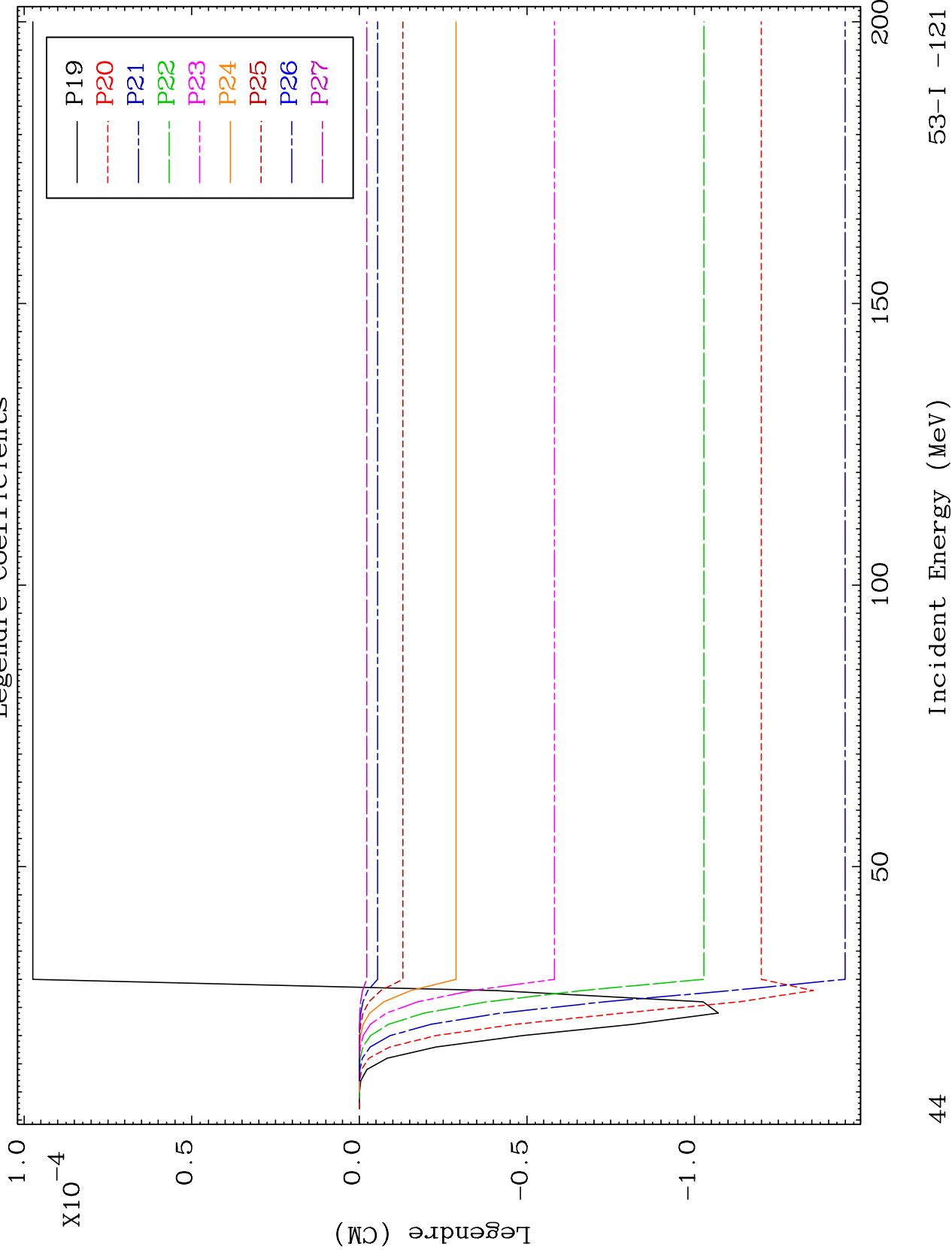
53-I -121

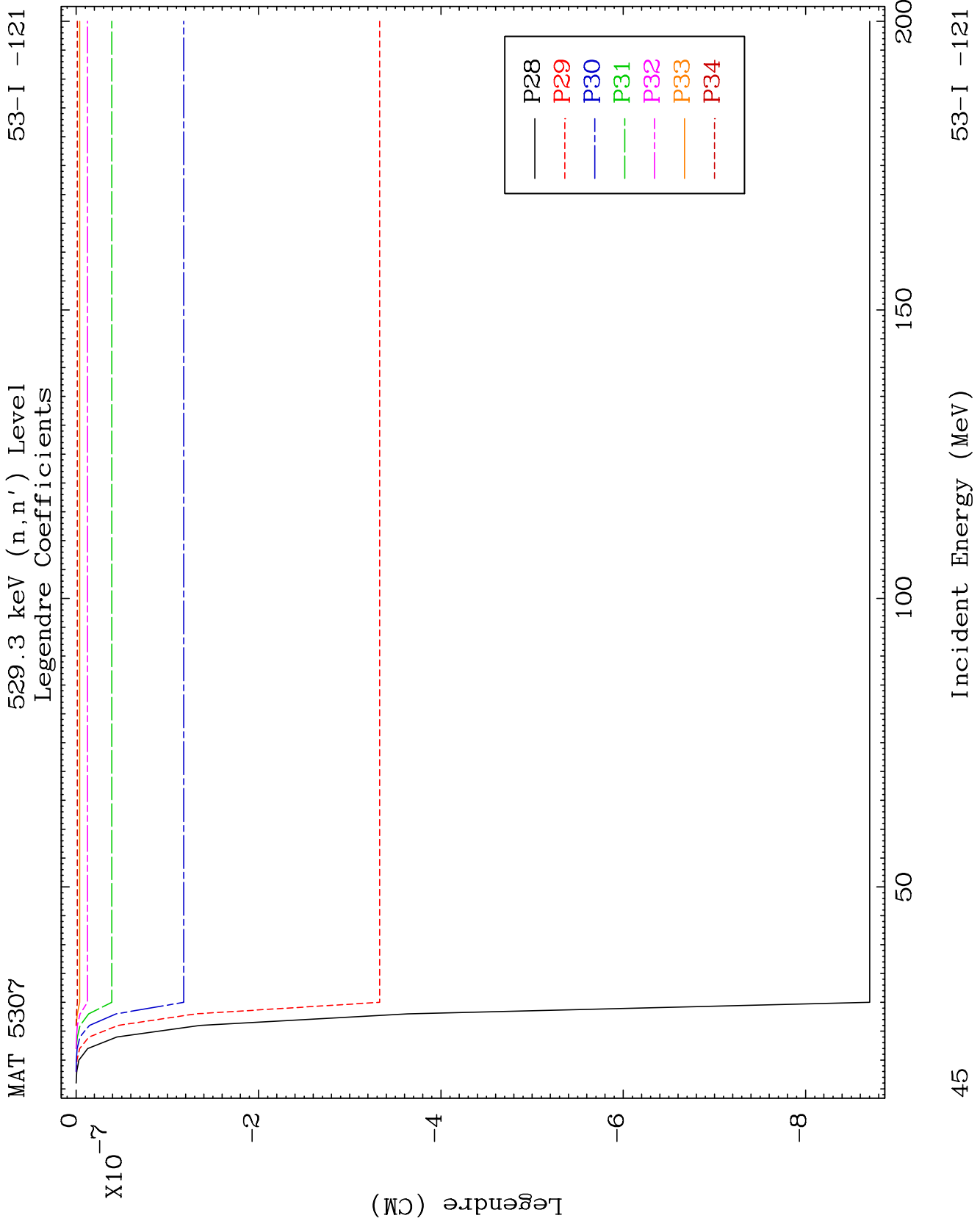


43

Incident Energy (MeV)

53-I -121

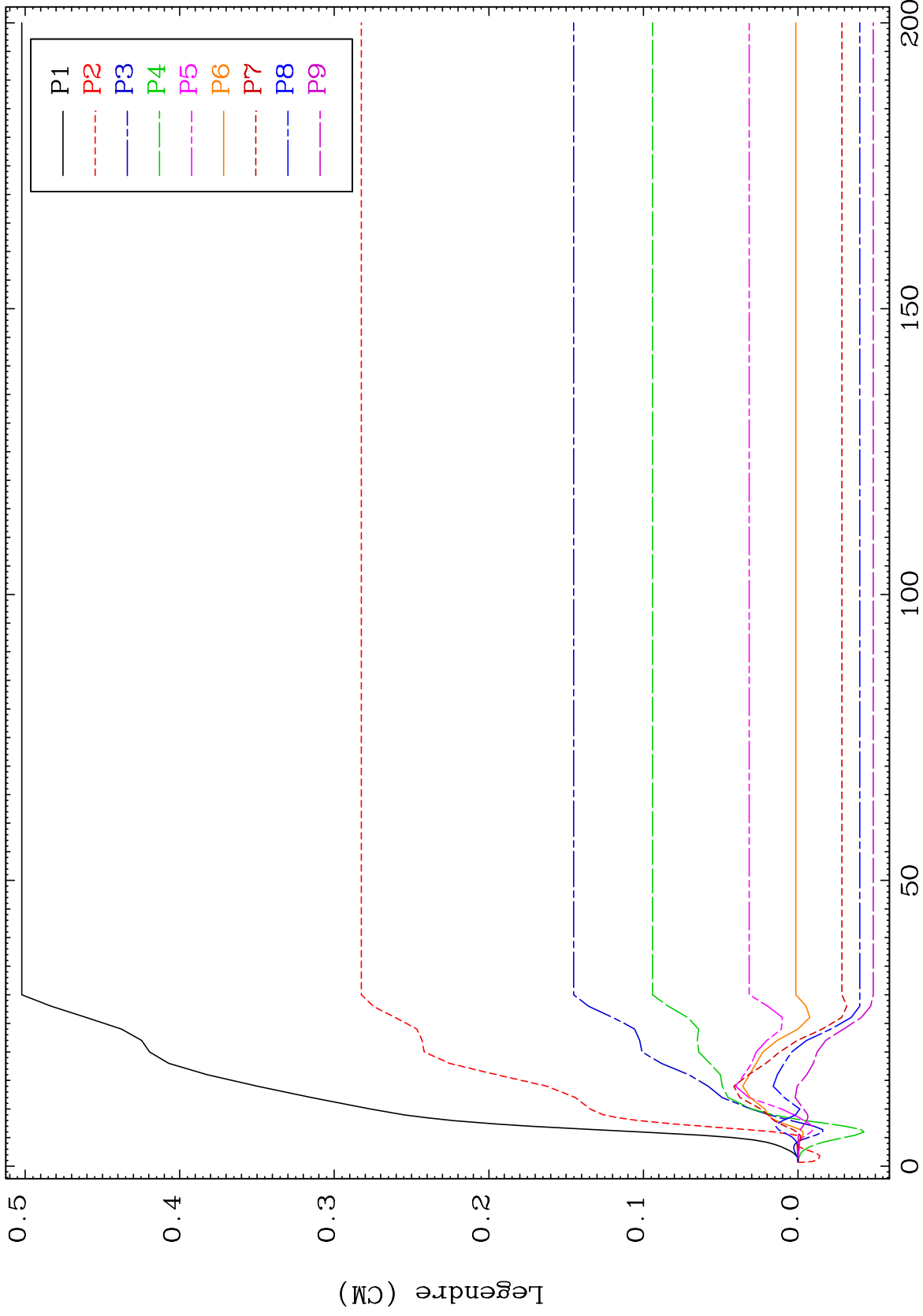




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649.8 keV (n,n') Level
Legendre Coefficients

53-I -121



46

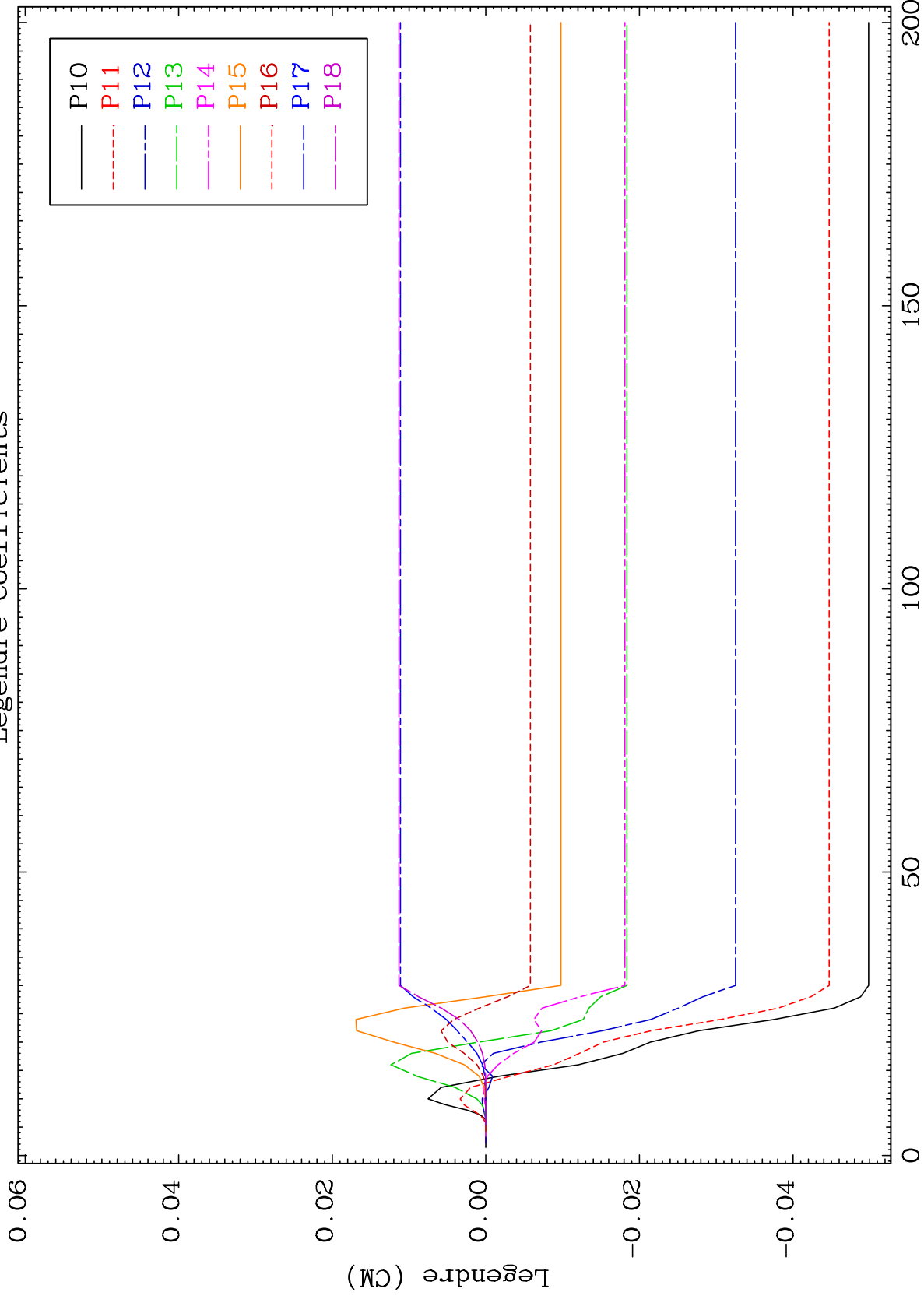
Incident Energy (MeV)

53-I -121

MAT 5307

649.8 keV (n,n') Level
Legendre Coefficients

53-I -121



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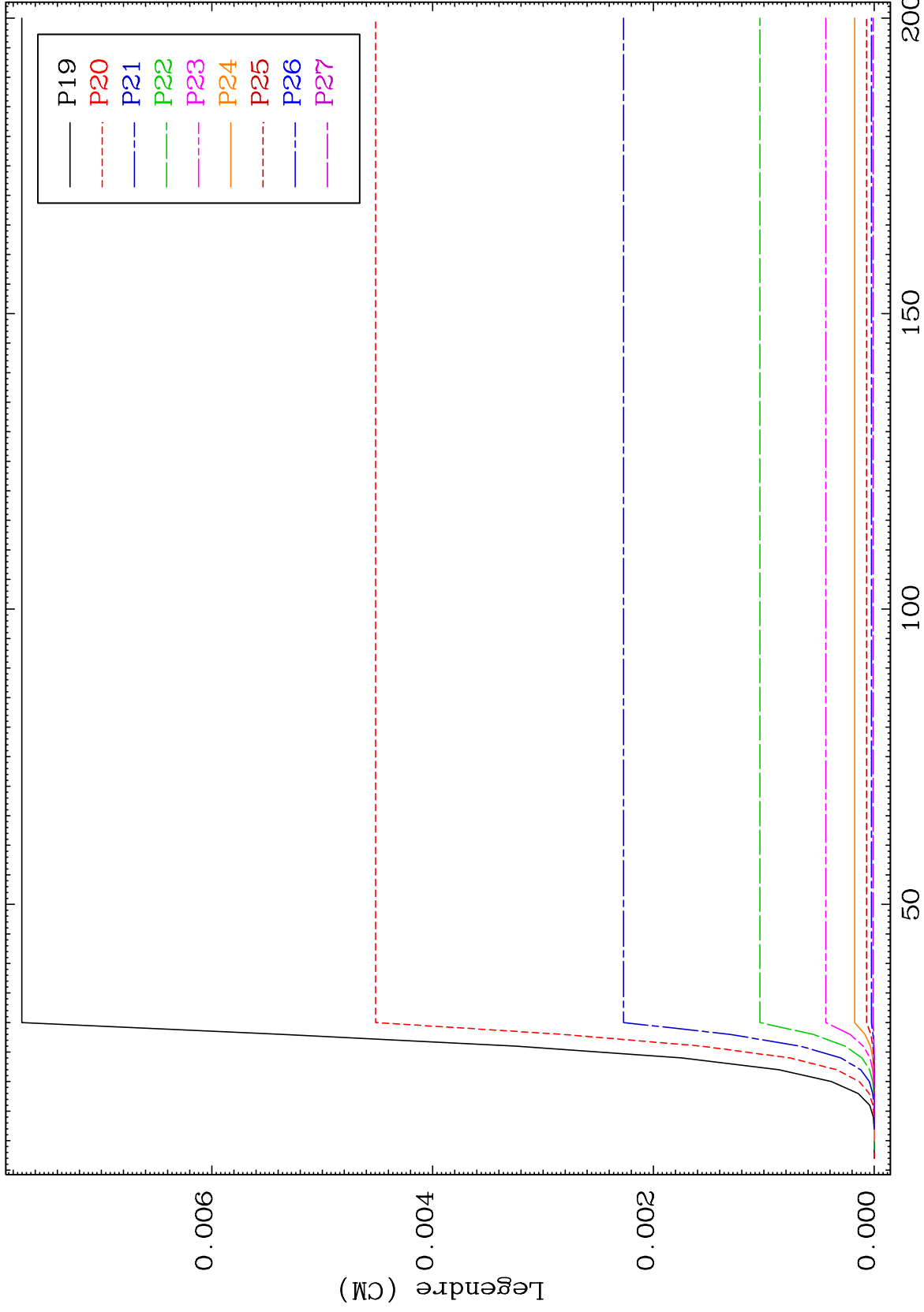
Incident Energy (MeV)

53-I -121

MAT 5307

649.8 keV (n,n') Level
Legendre Coefficients

53-I -121



48

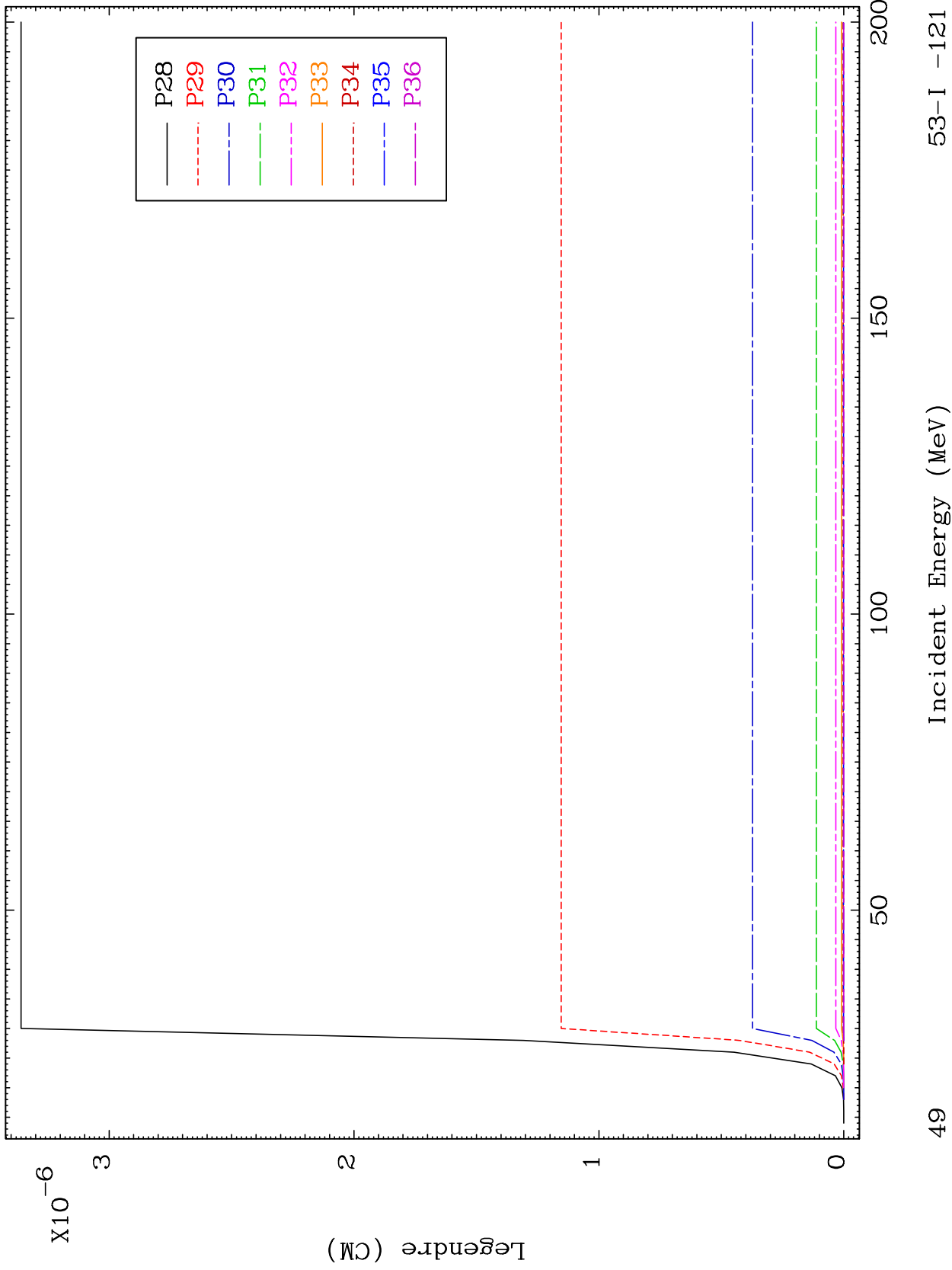
Incident Energy (MeV)

53-I -121

MAT 5307

649.8 keV (n,n') Level
Legendre Coefficients

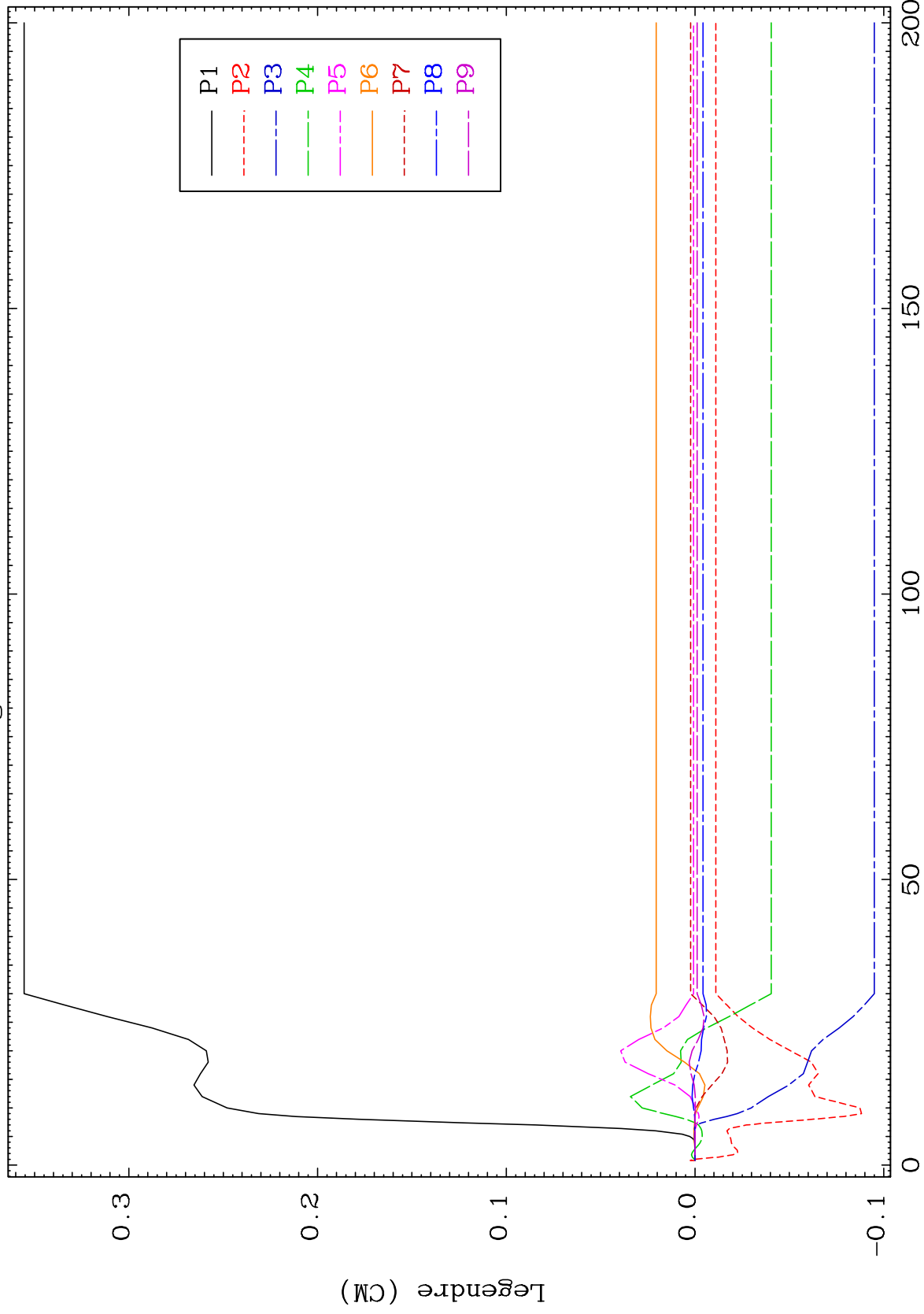
53-I -121



MAT 5307

748.3 keV (n,n') Level
Legendre Coefficients

53-I -121



53-I -121

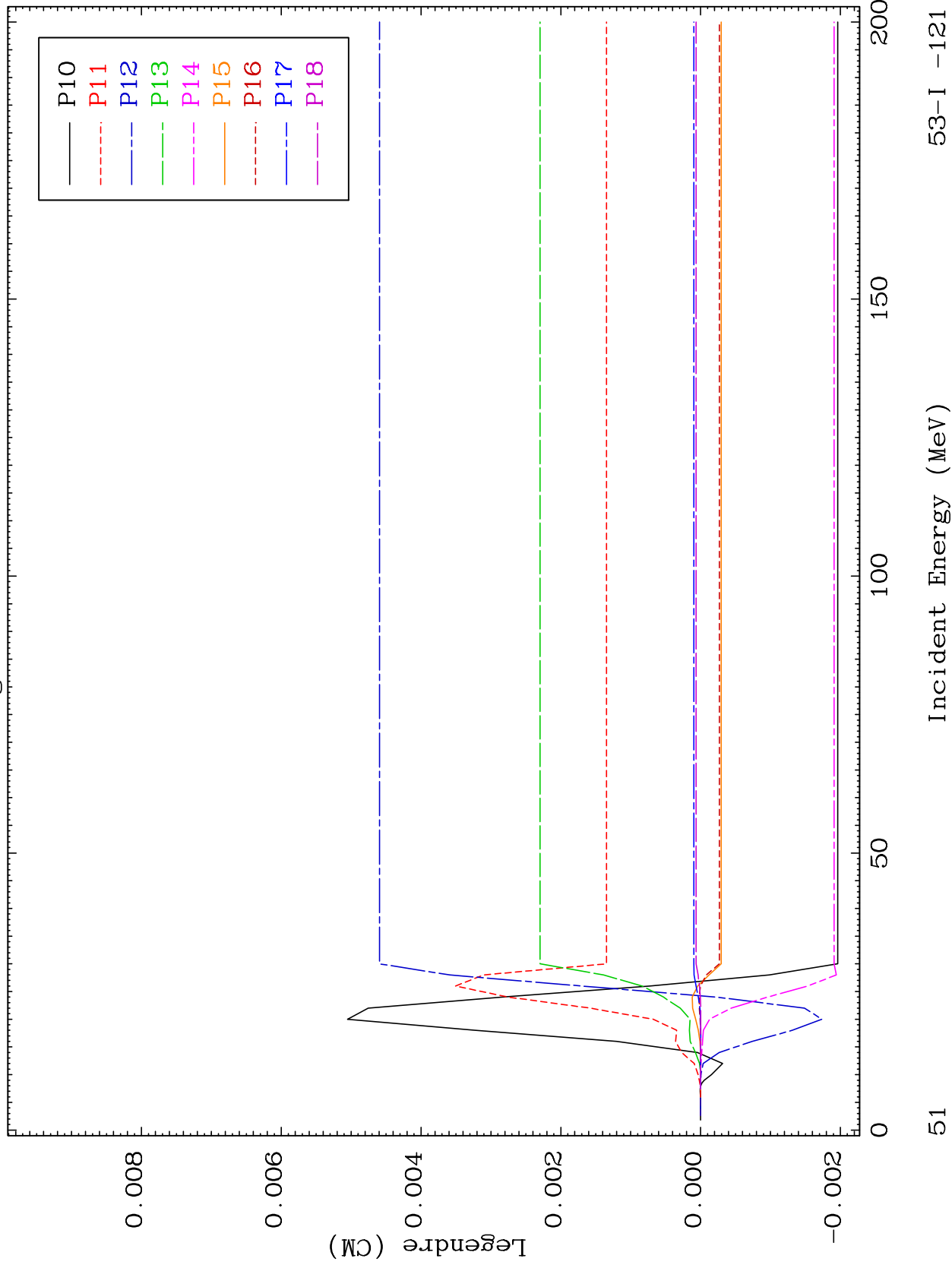
Incident Energy (MeV)

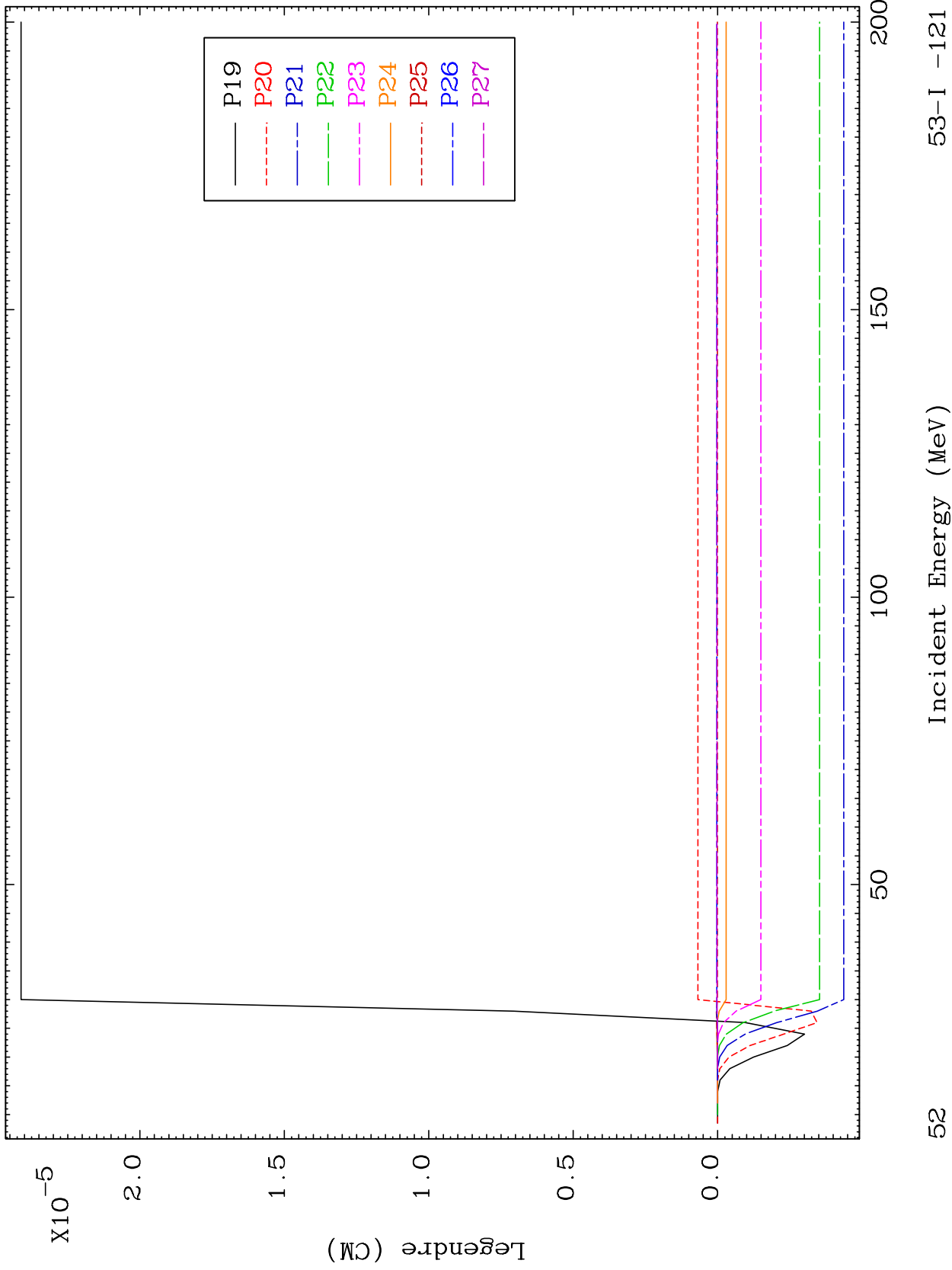
50

MAT 5307

748.3 keV (n,n') Level
Legendre Coefficients

53-I -121

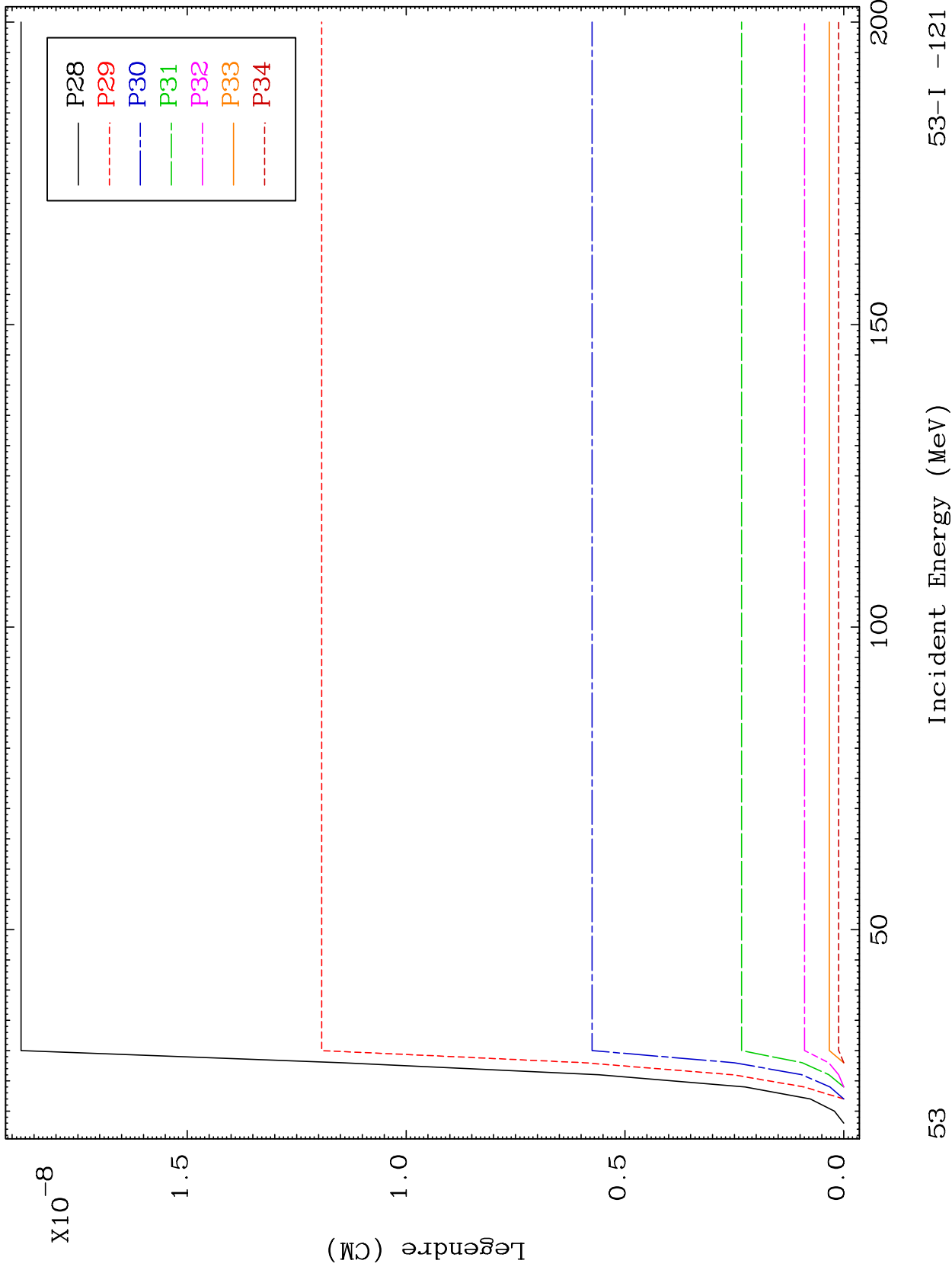




MAT 5307

748.3 keV (n,n') Level
Legendre Coefficients

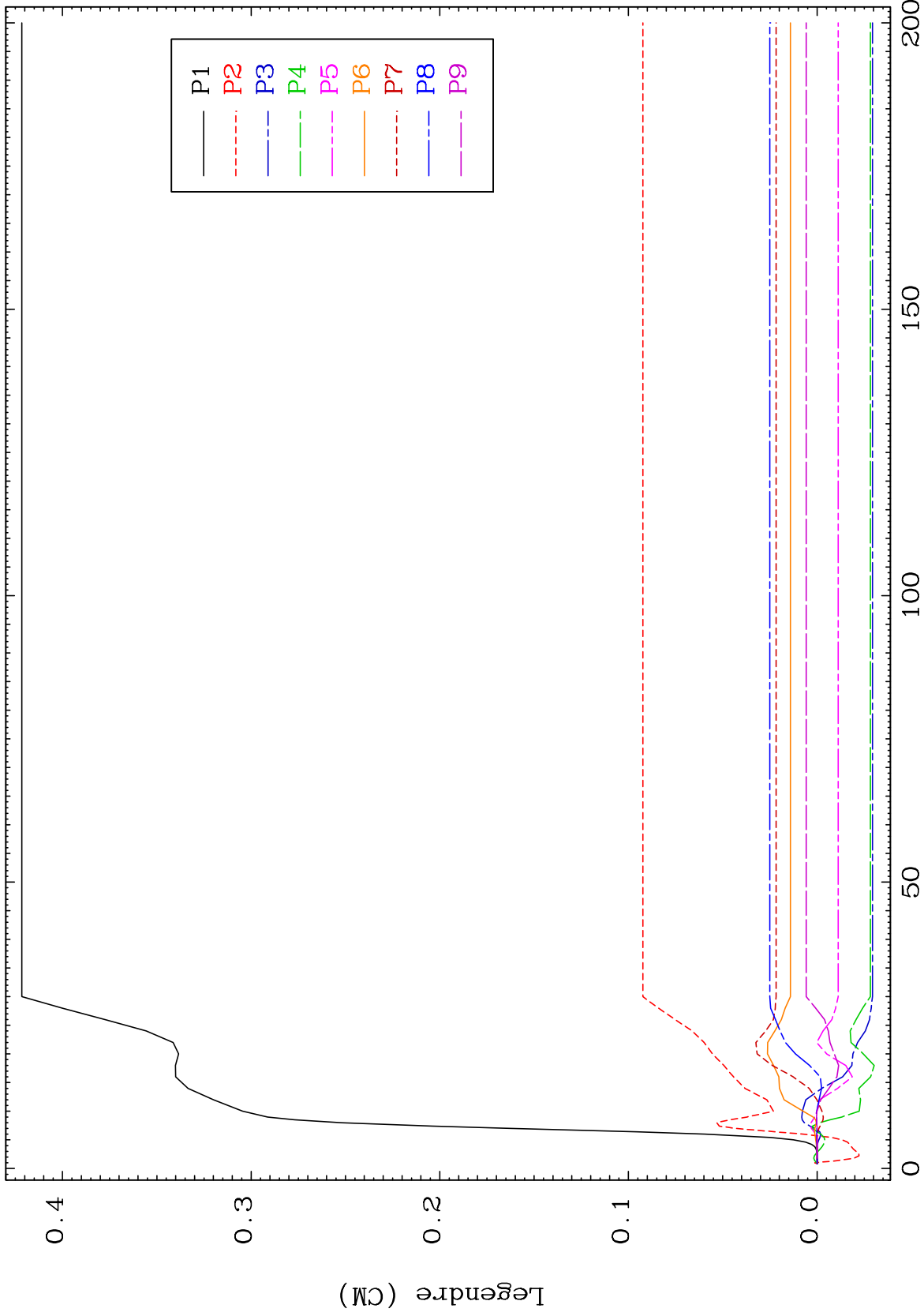
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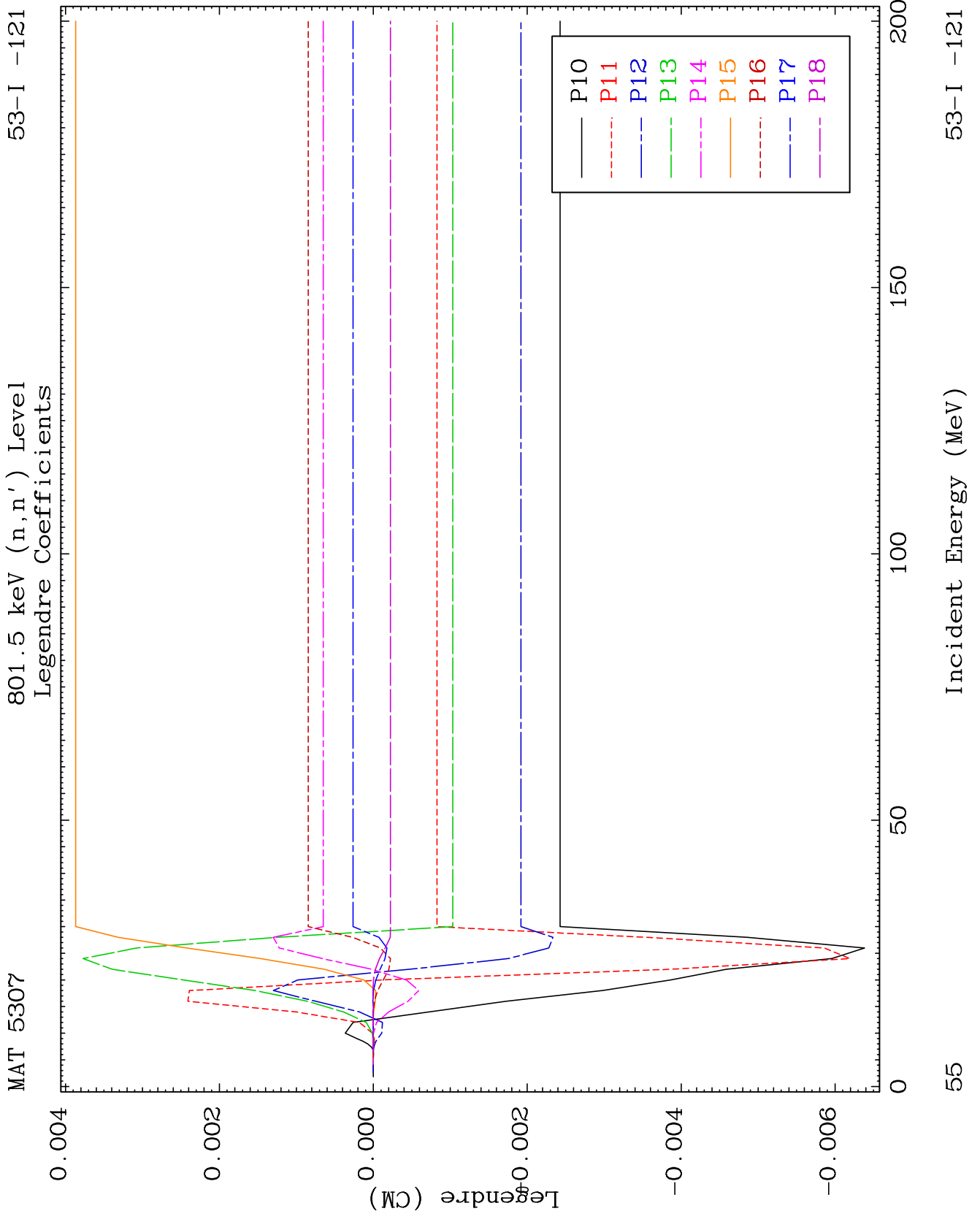


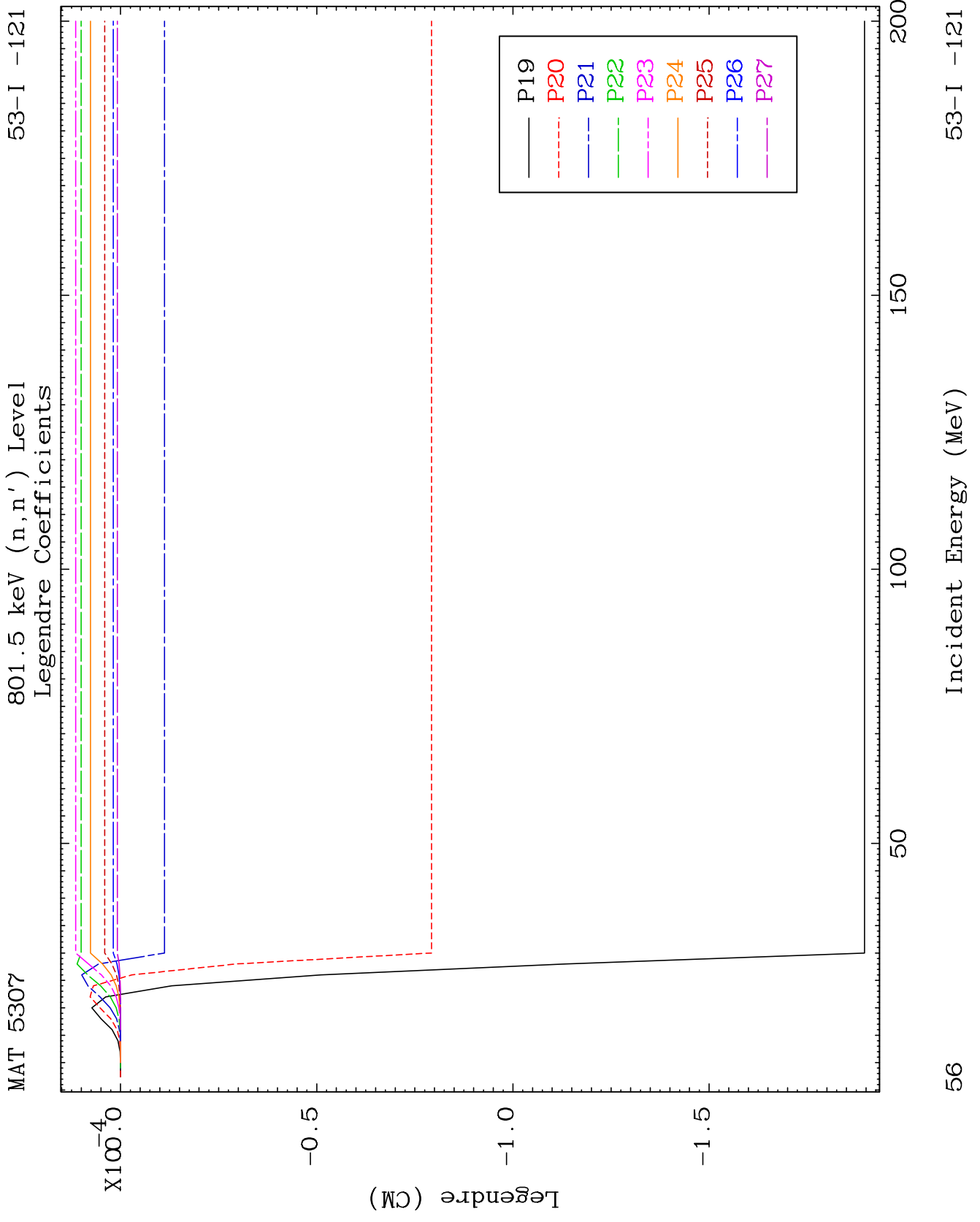
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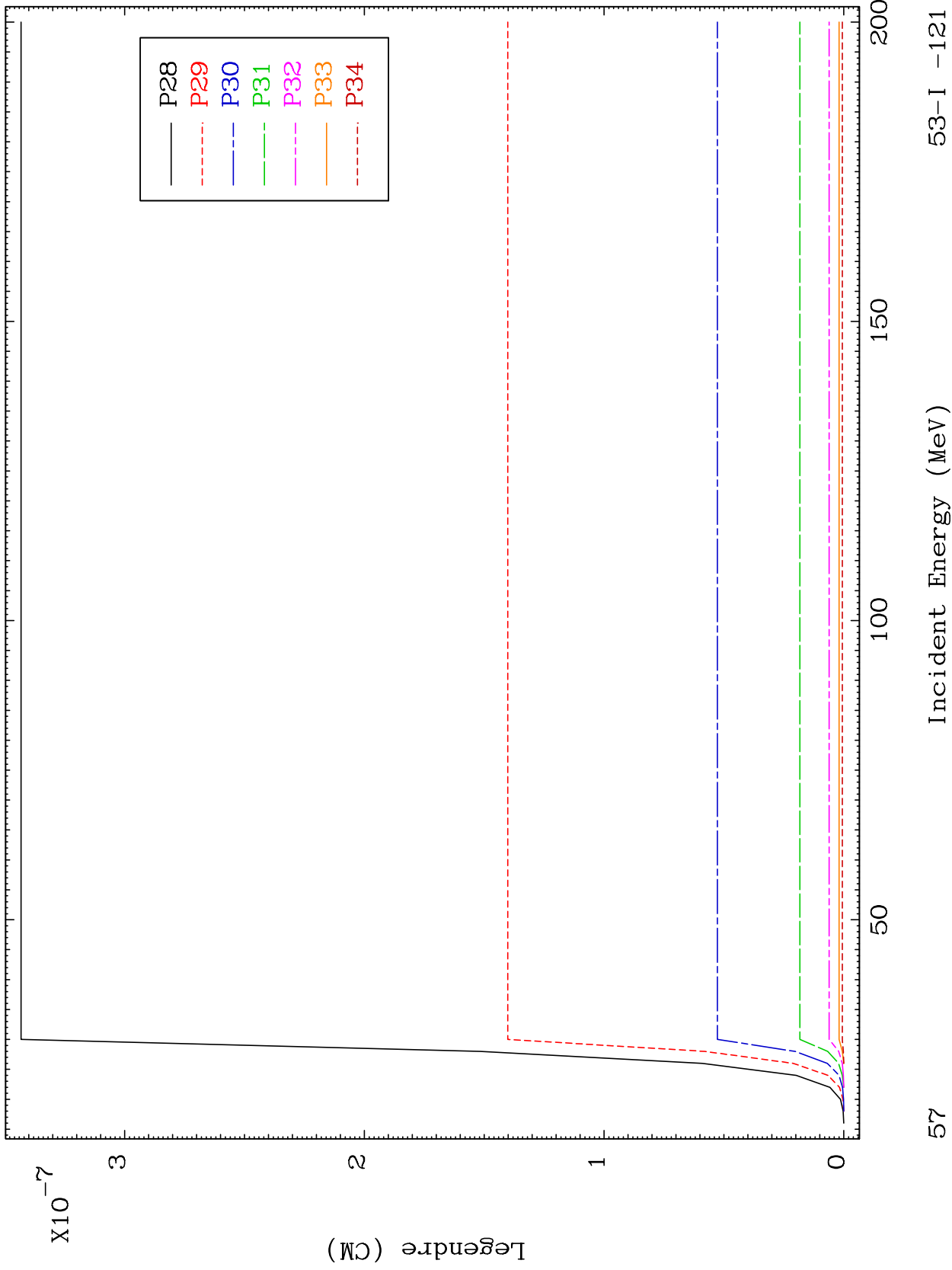
Incident Energy (MeV)

53-I -121





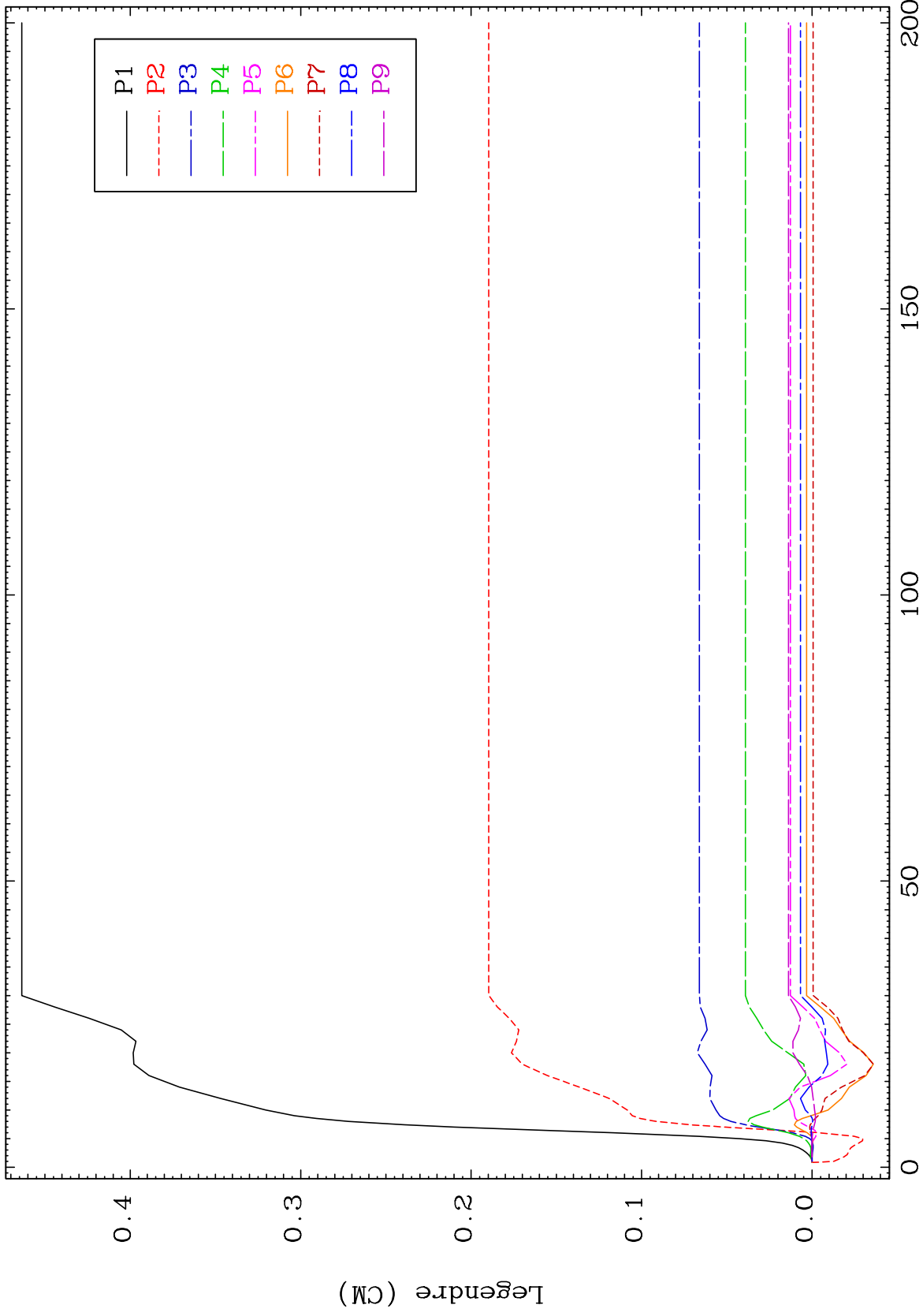




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811.7 keV (n,n') Level
Legendre Coefficients

53-I -121



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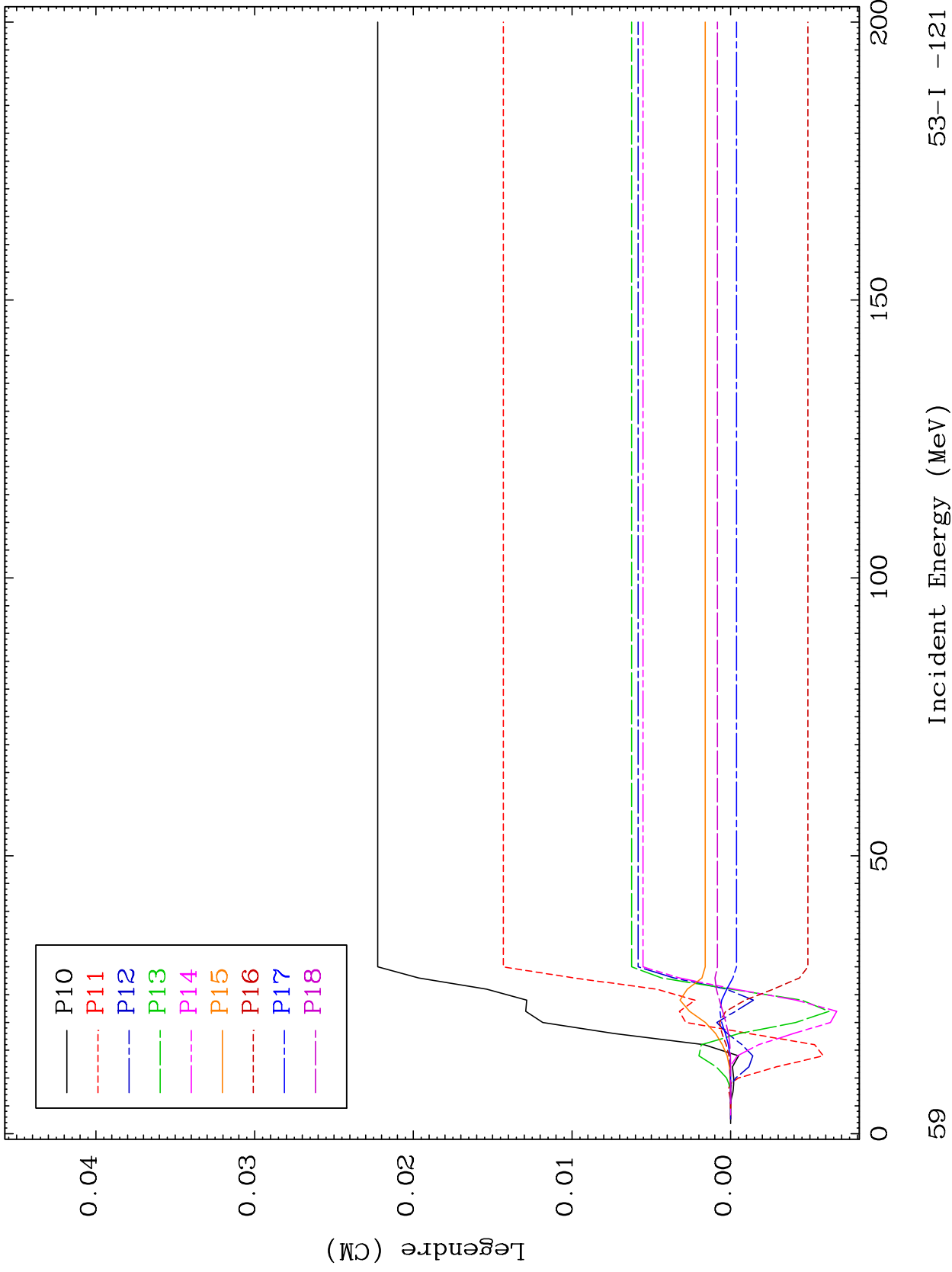
Incident Energy (MeV)

53-I -121

MAT 5307

811.7 keV (n,n') Level
Legendre Coefficients

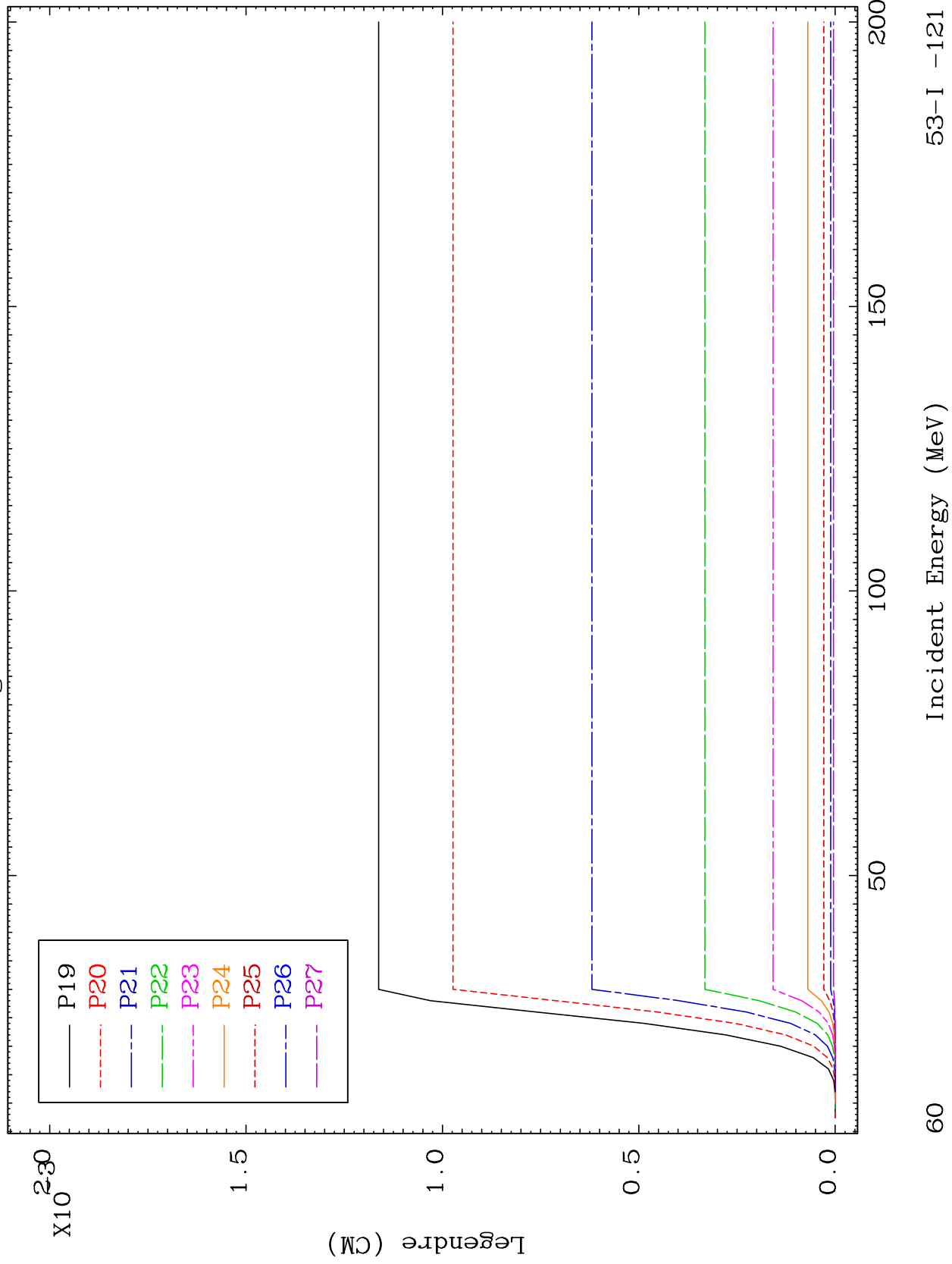
53-I -121



MAT 5307

811.7 keV (n,n') Level
Legendre Coefficients

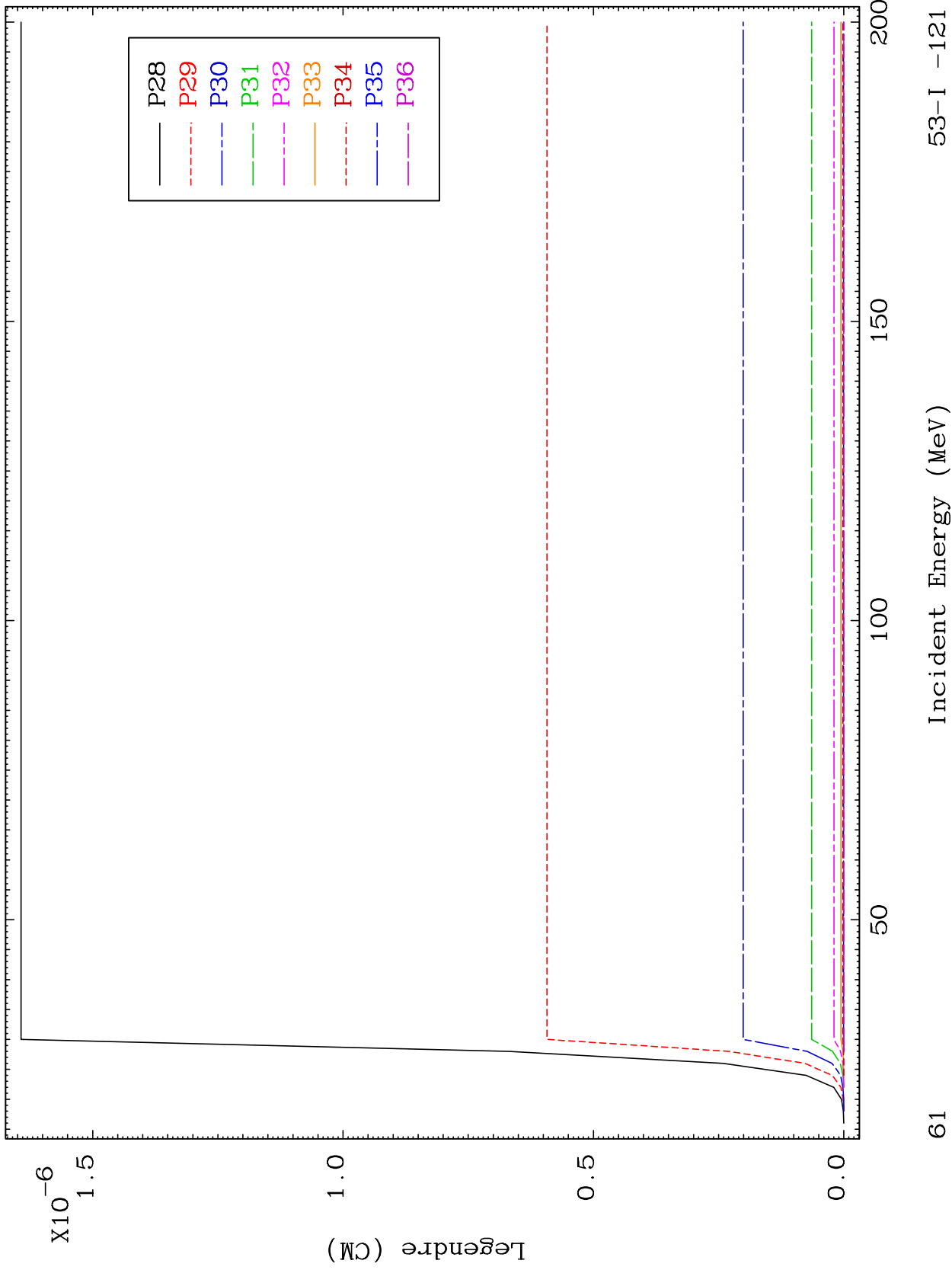
53-I -121



MAT 5307

811.7 keV (n,n') Level
Legendre Coefficients

53-I -121



61

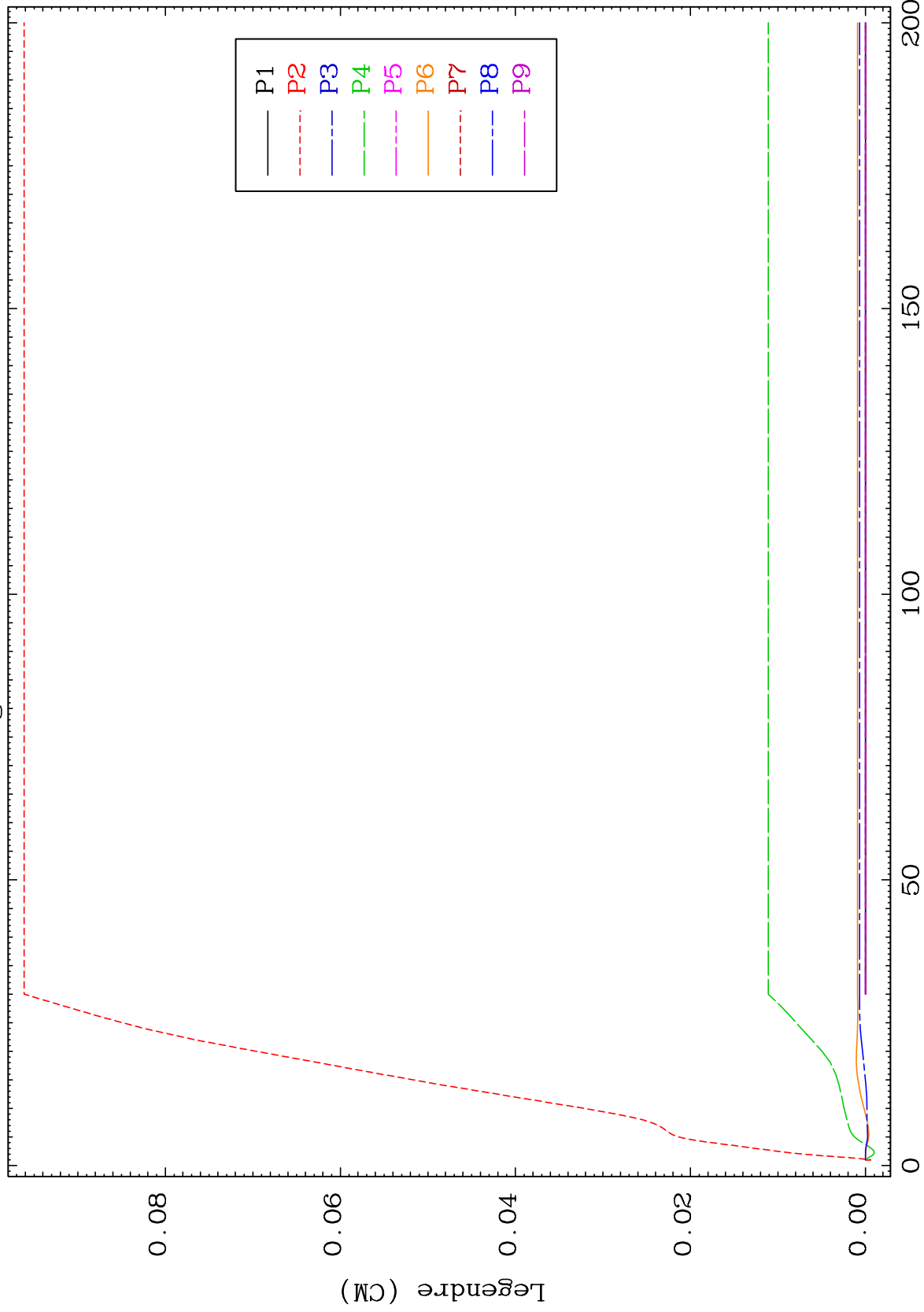
Incident Energy (MeV)

53-I -121

MAT 5307

906.0 keV (n,n') Level
Legendre Coefficients

53-I -121



53-I -121

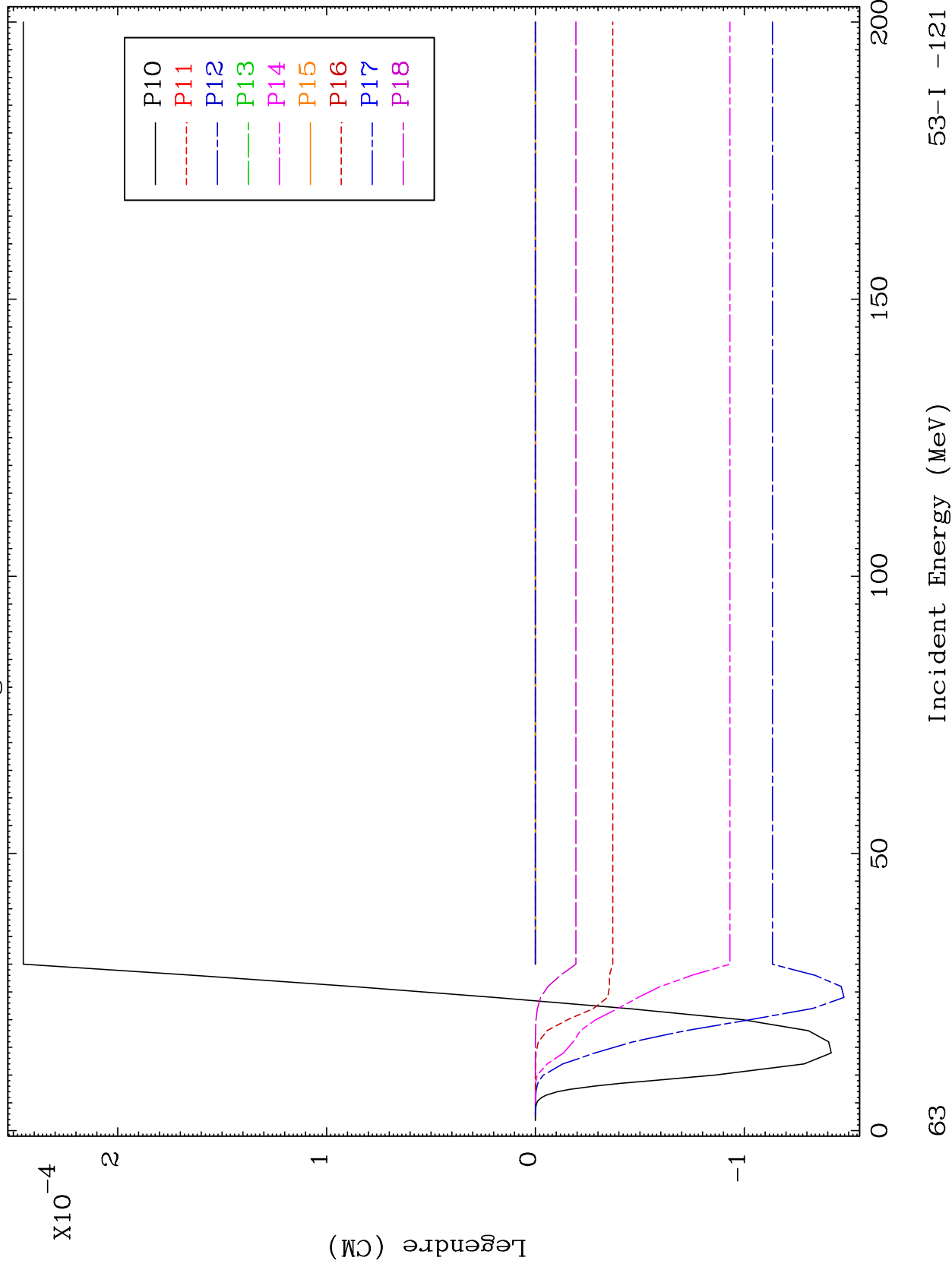
Incident Energy (MeV)

62

MAT 5307

906.0 keV (n,n') Level
Legendre Coefficients

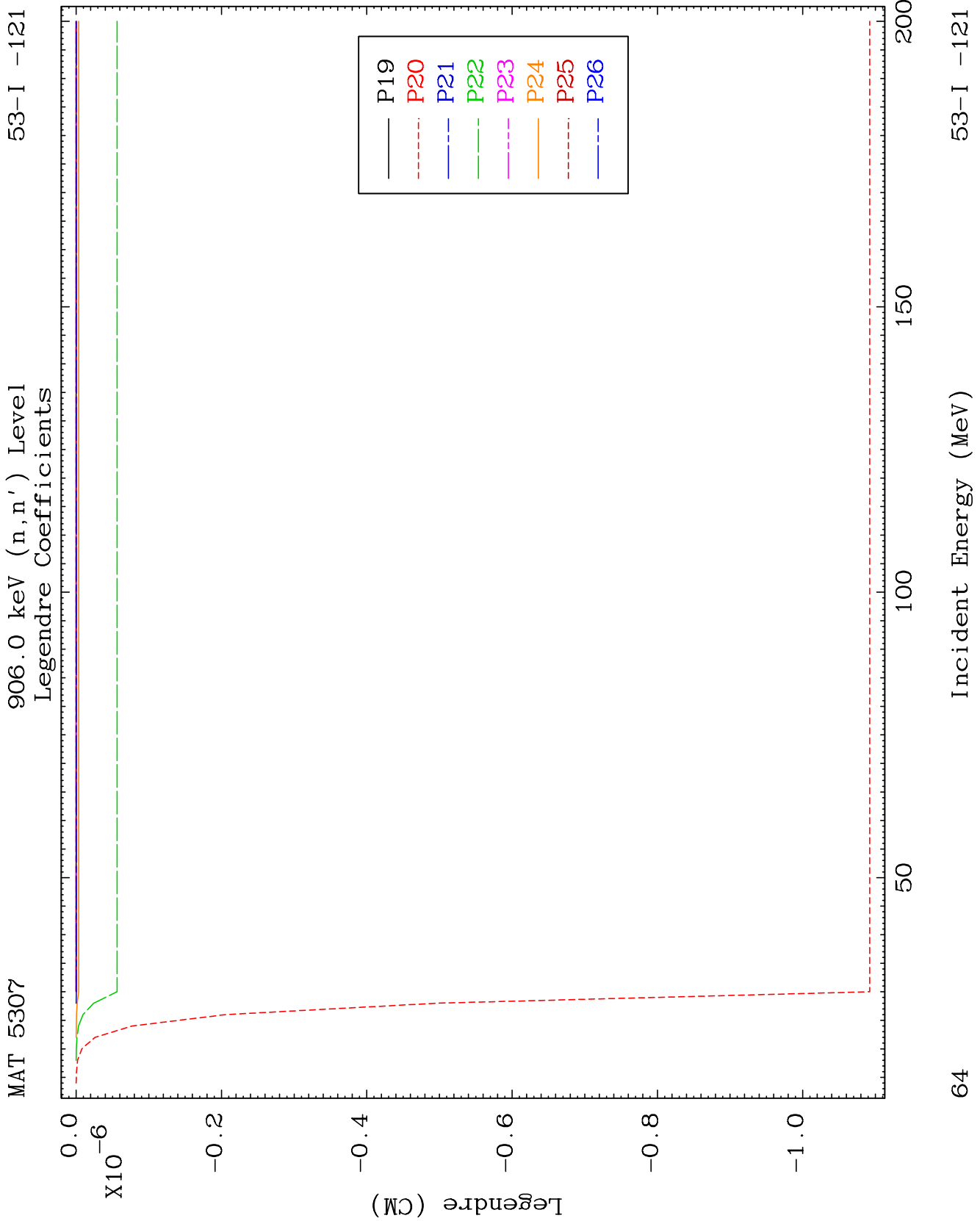
53-I -121

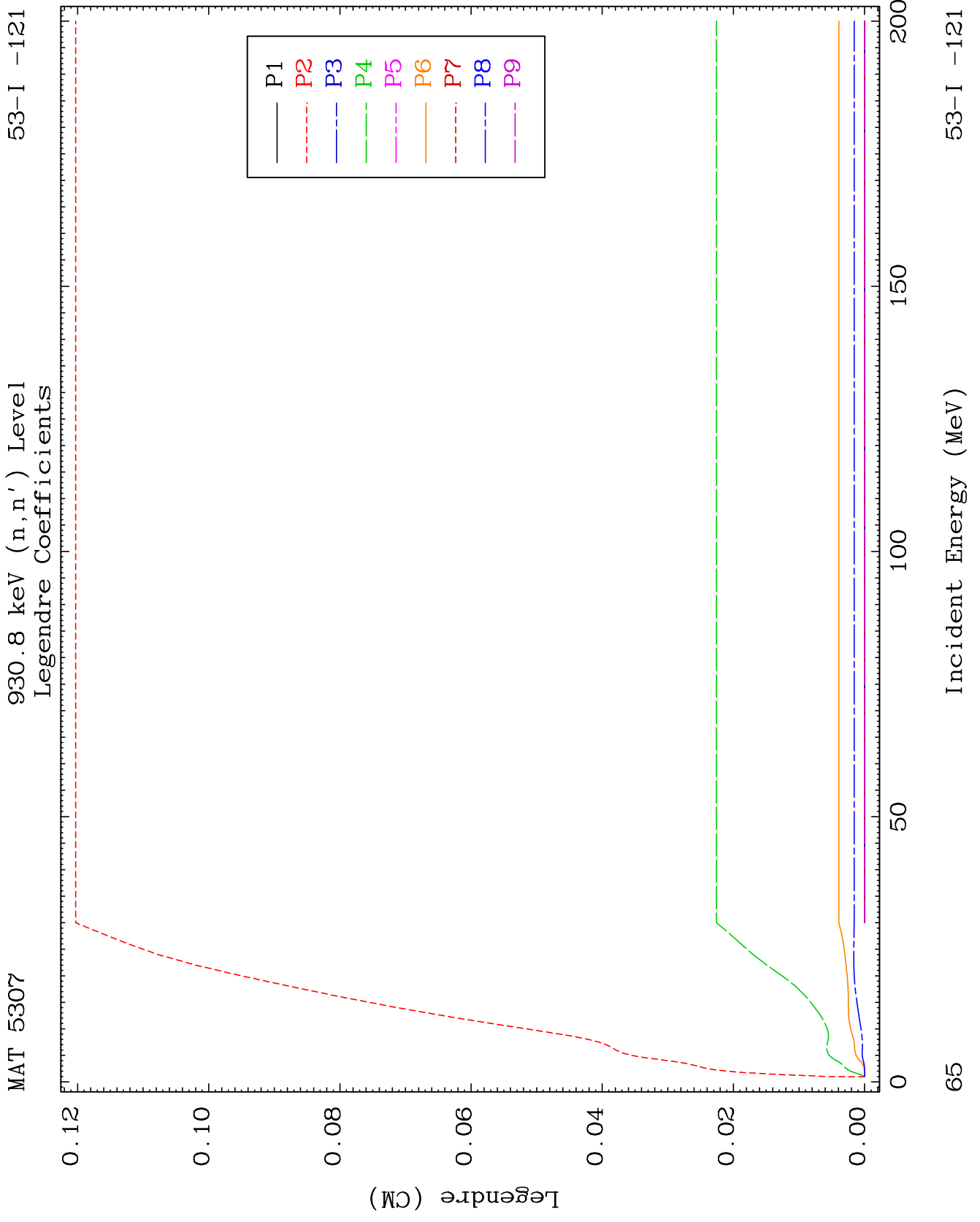


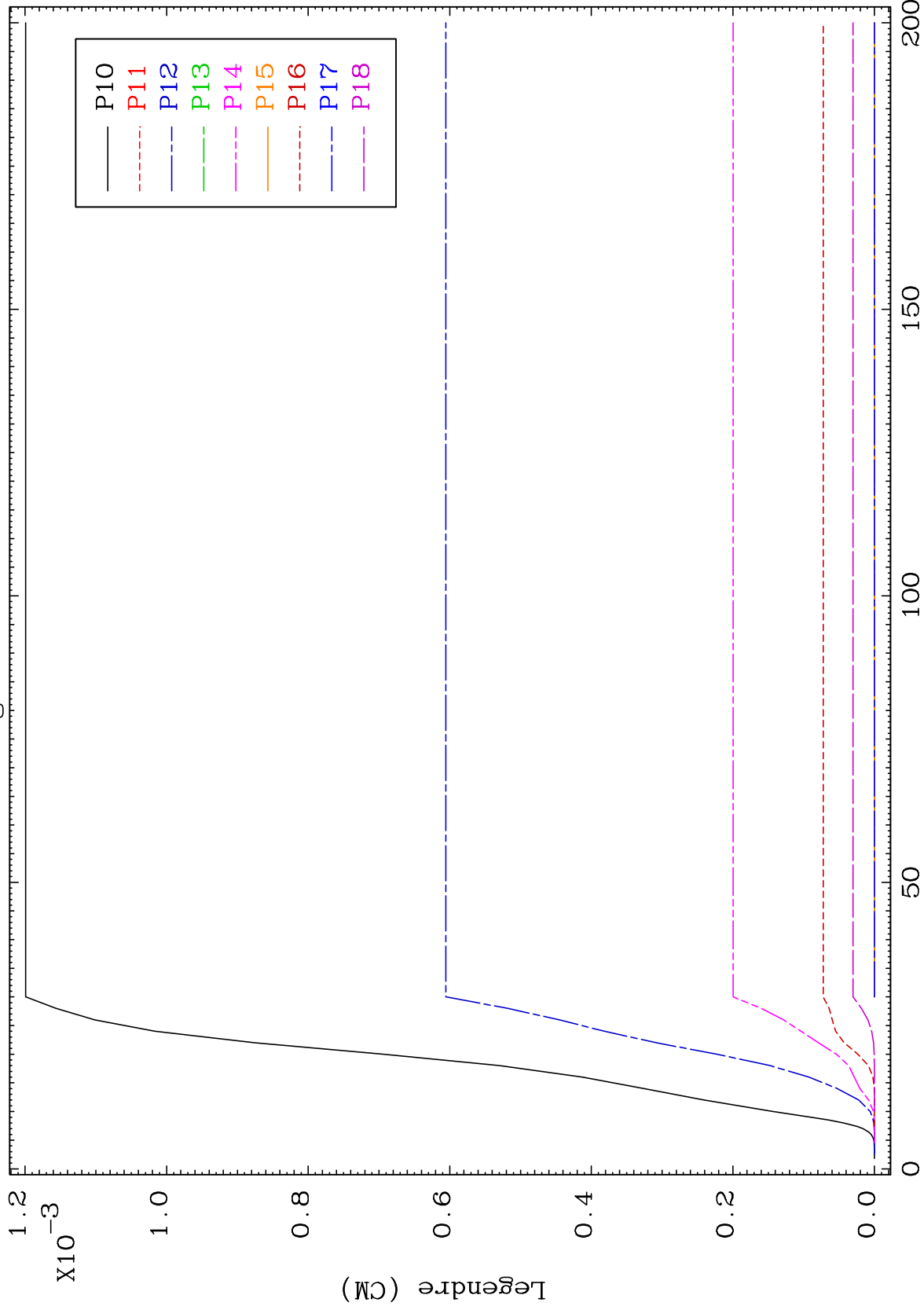
63

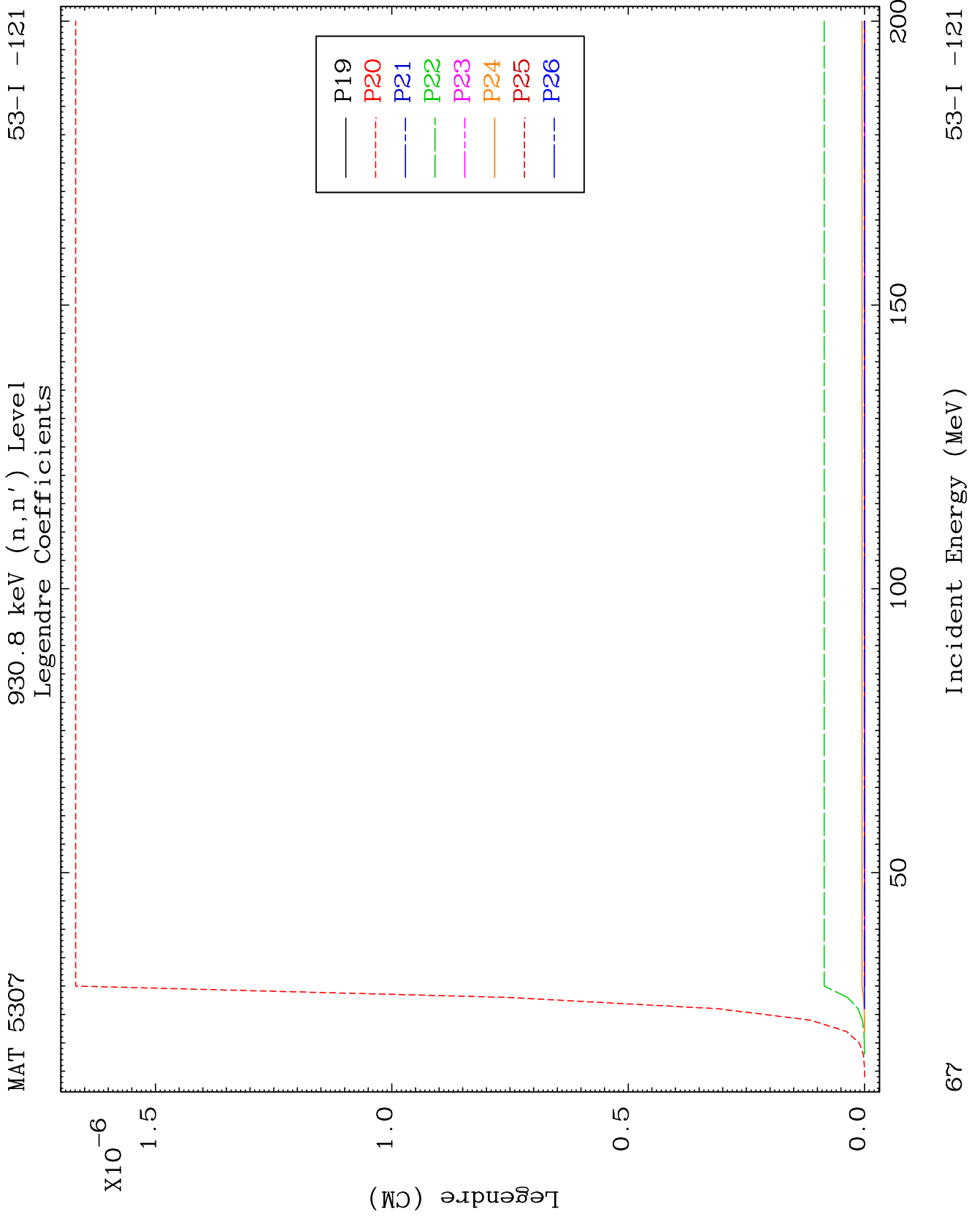
Incident Energy (MeV)

53-I -121





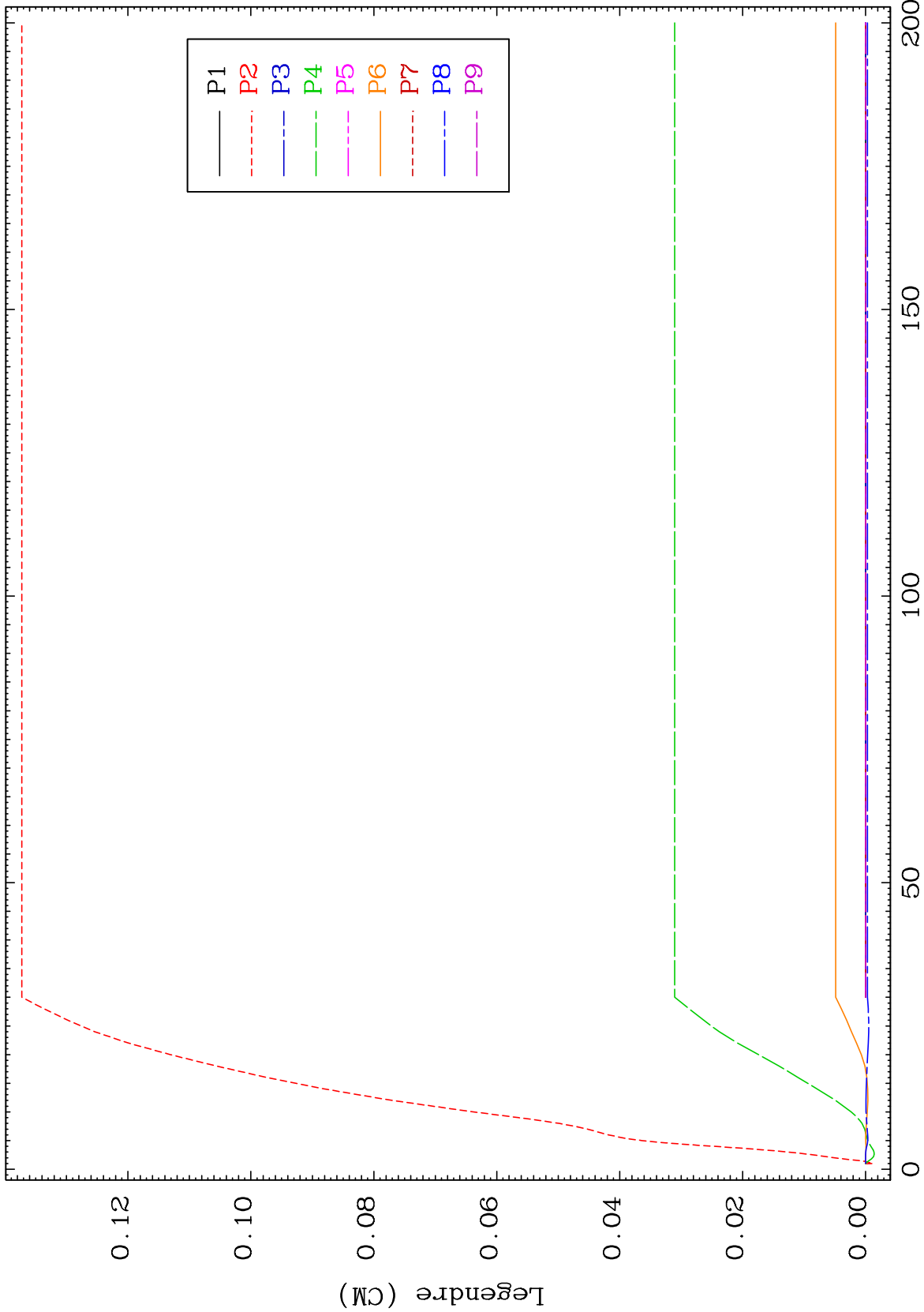




MAT 5307

938.2 keV (n,n') Level
Legendre Coefficients

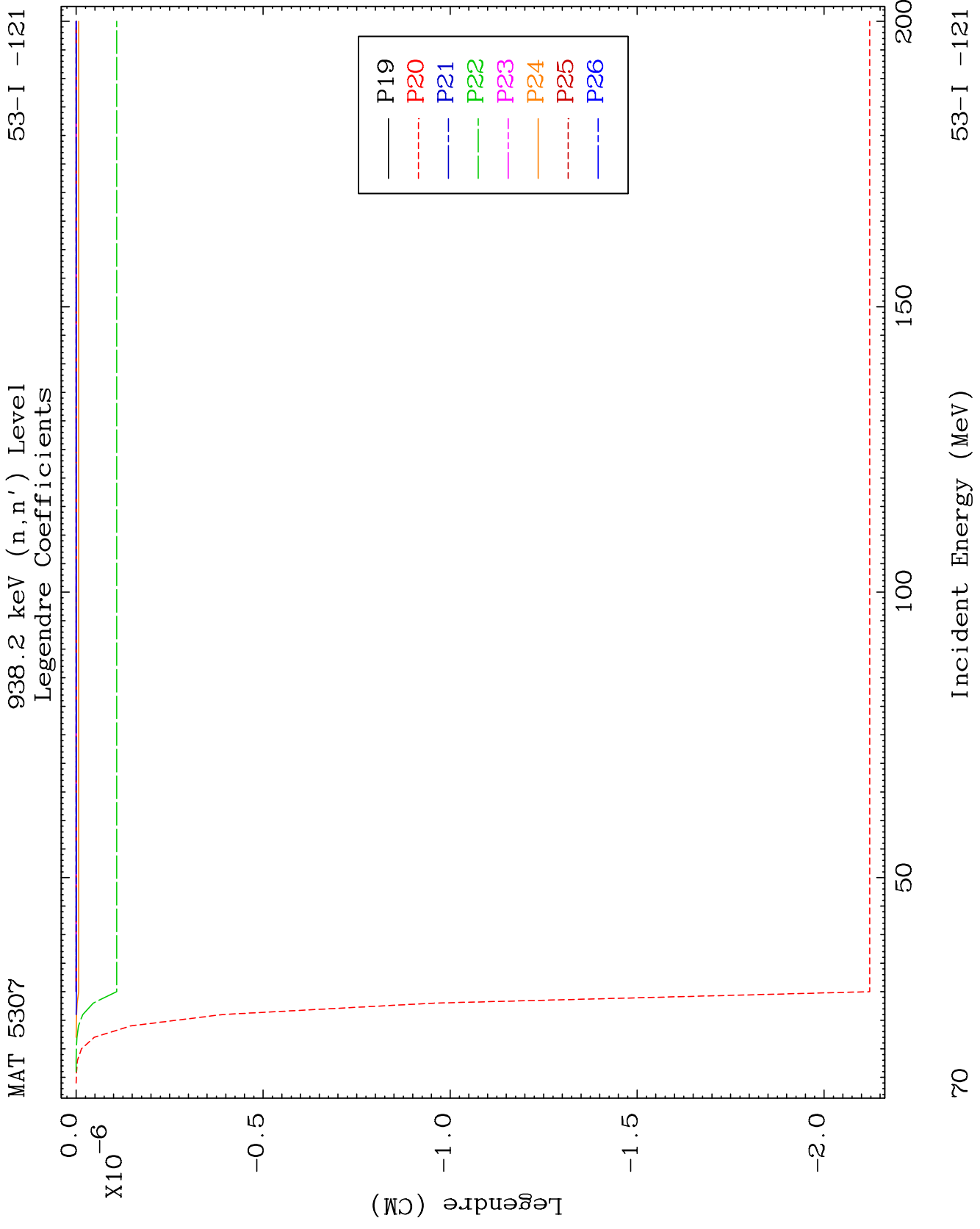
53-I -121



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Incident Energy (MeV)

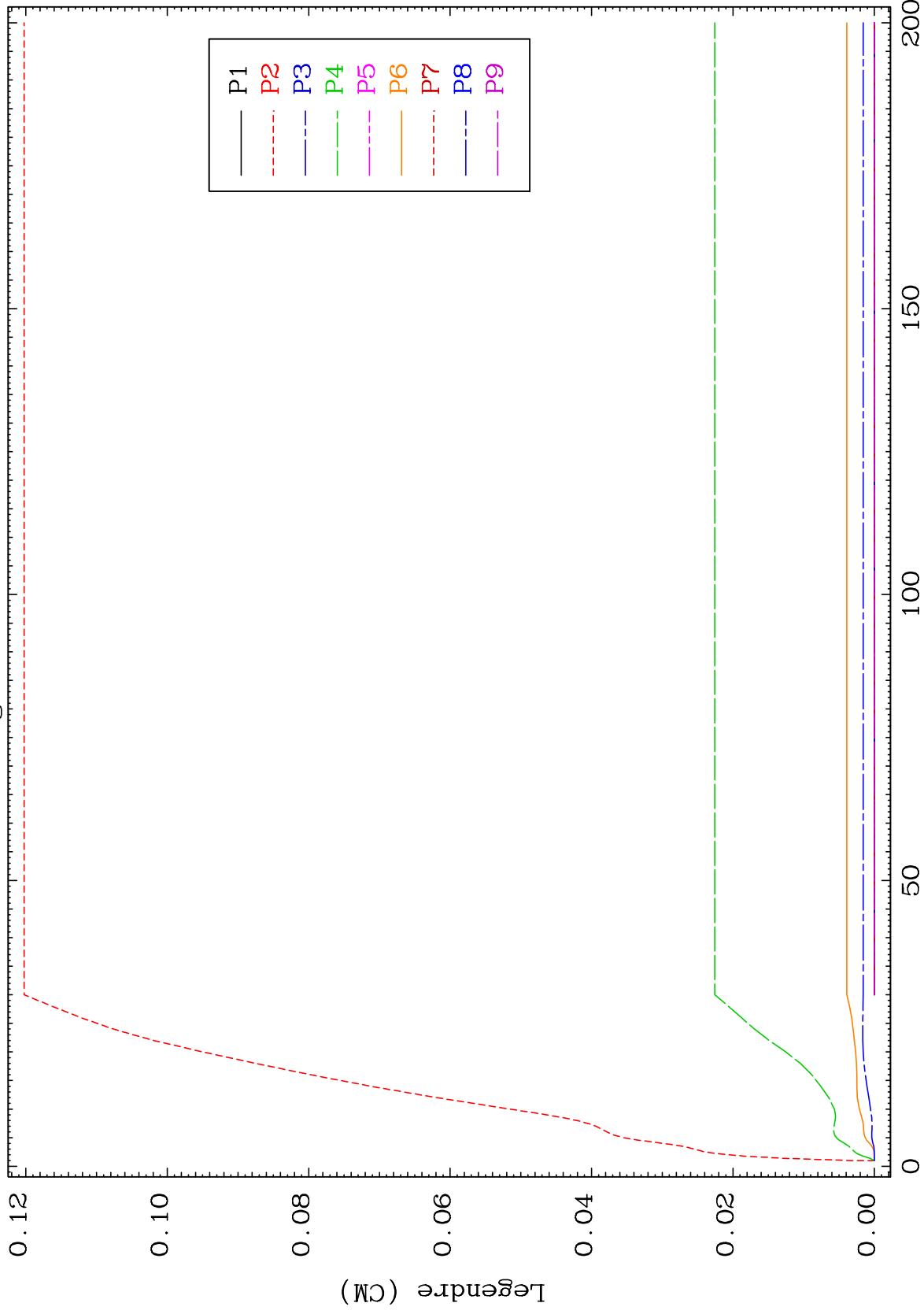
53-I -121



MAT 5307

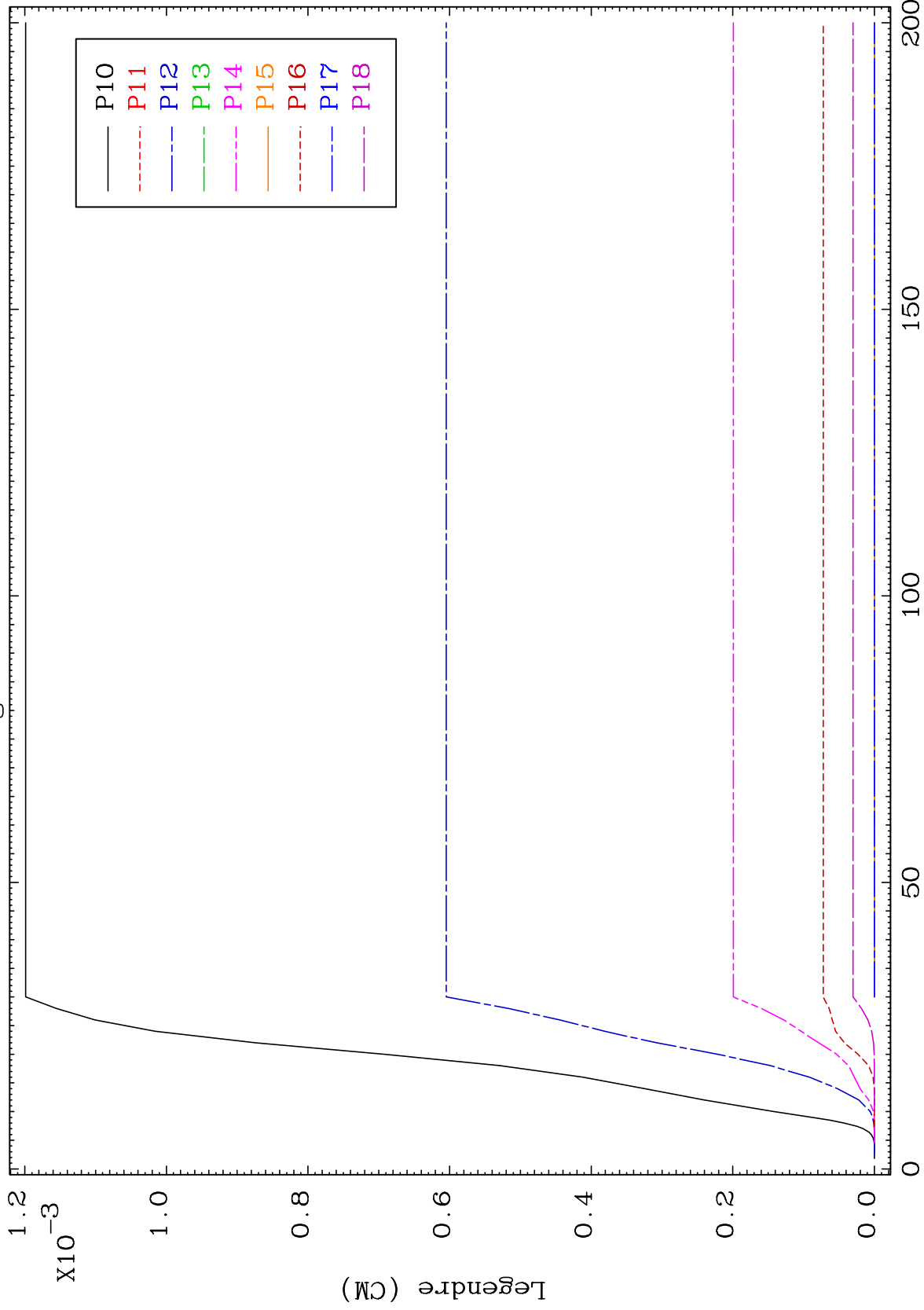
962.0 keV (n,n') Level
Legendre Coefficients

53-I -121



71

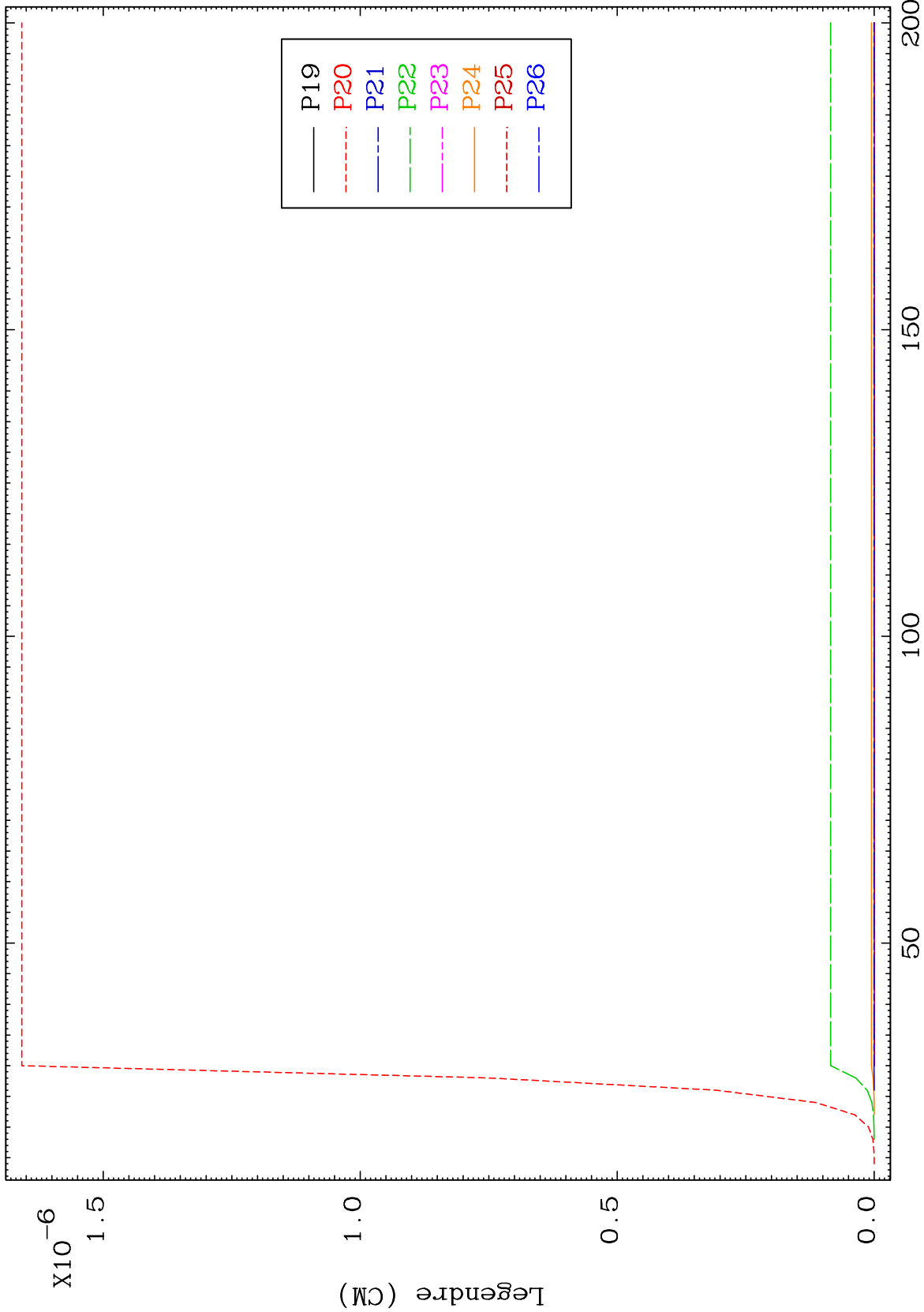
53-I -121



MAT 5307

962.0 keV (n,n') Level
Legendre Coefficients

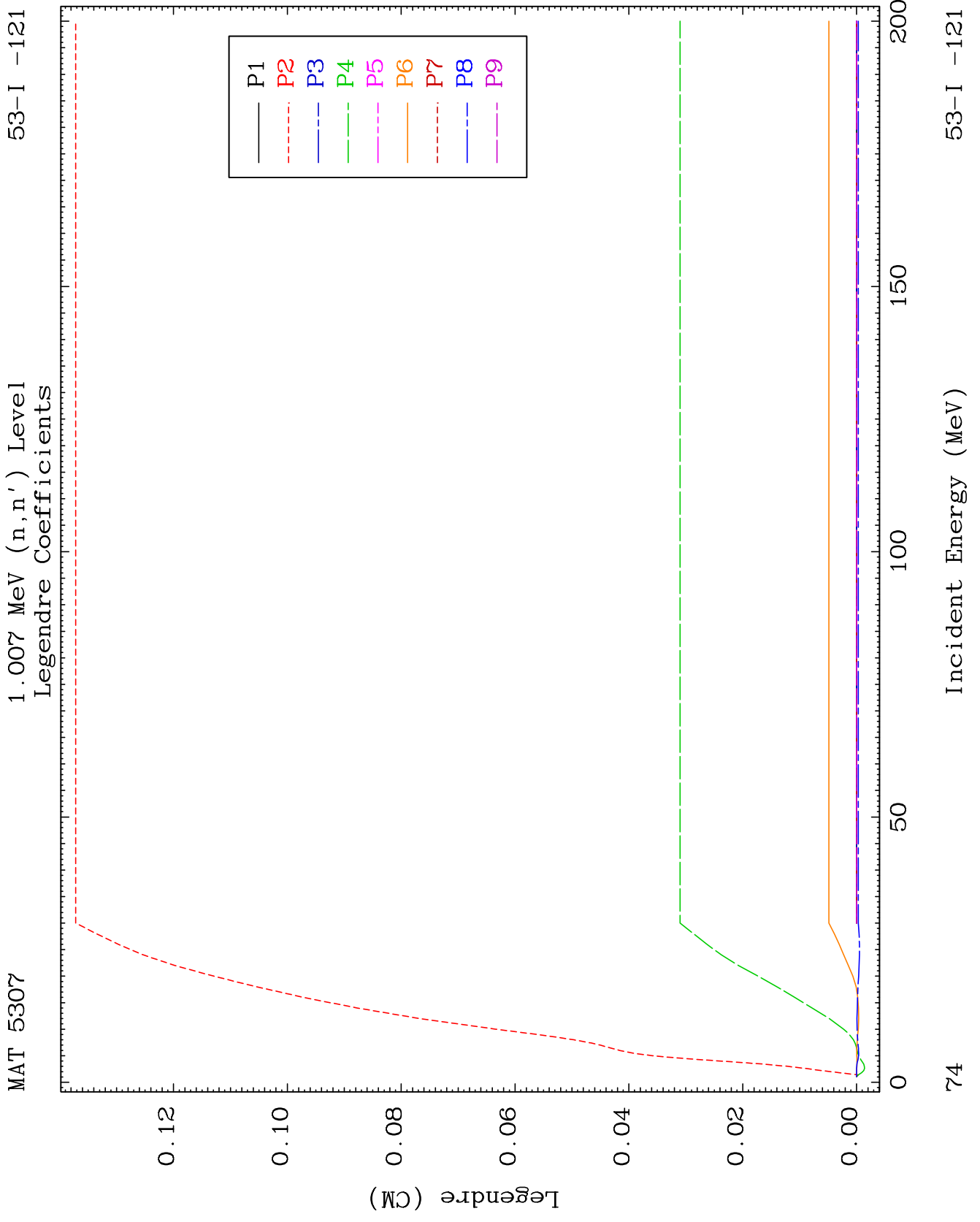
53-I -121

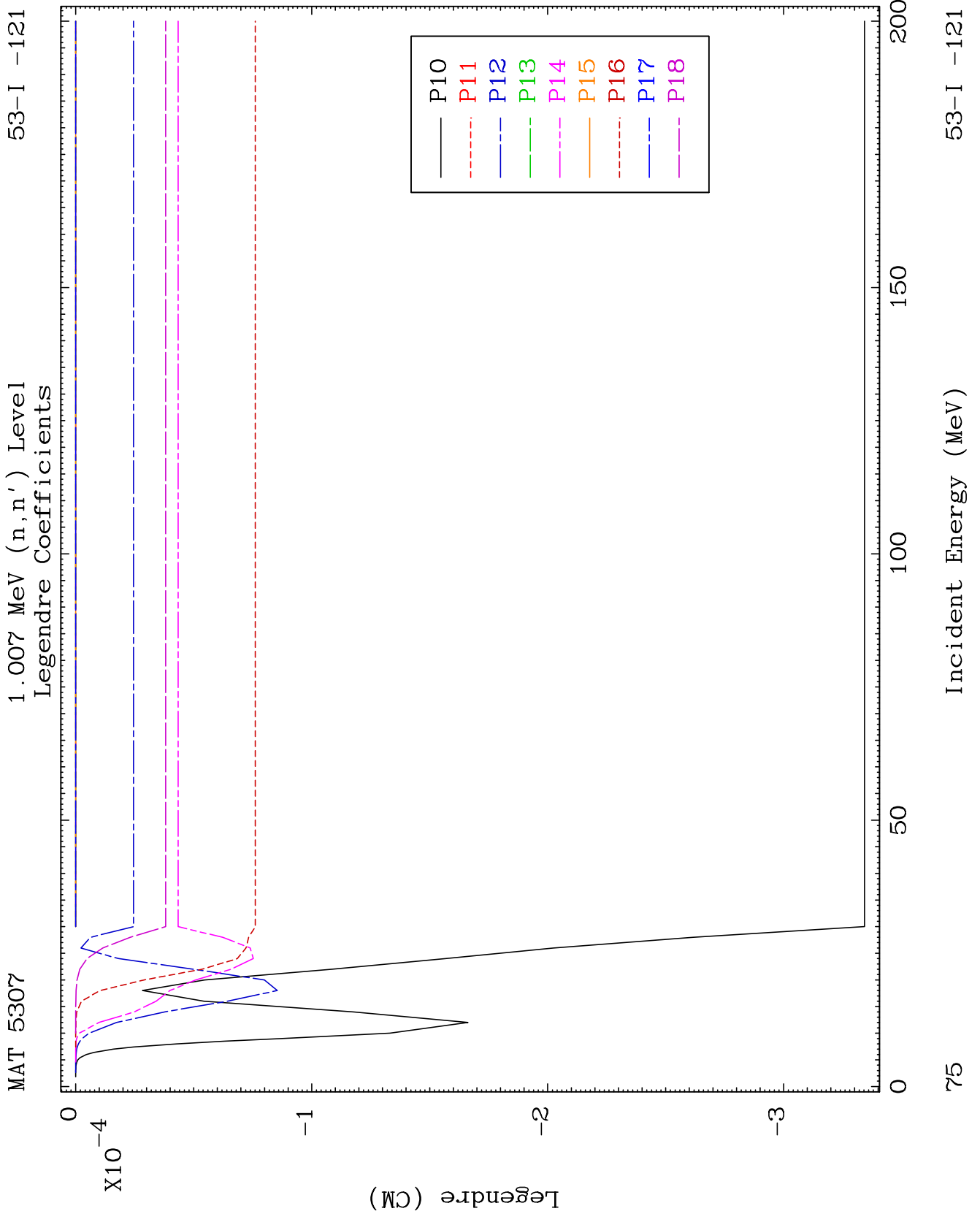


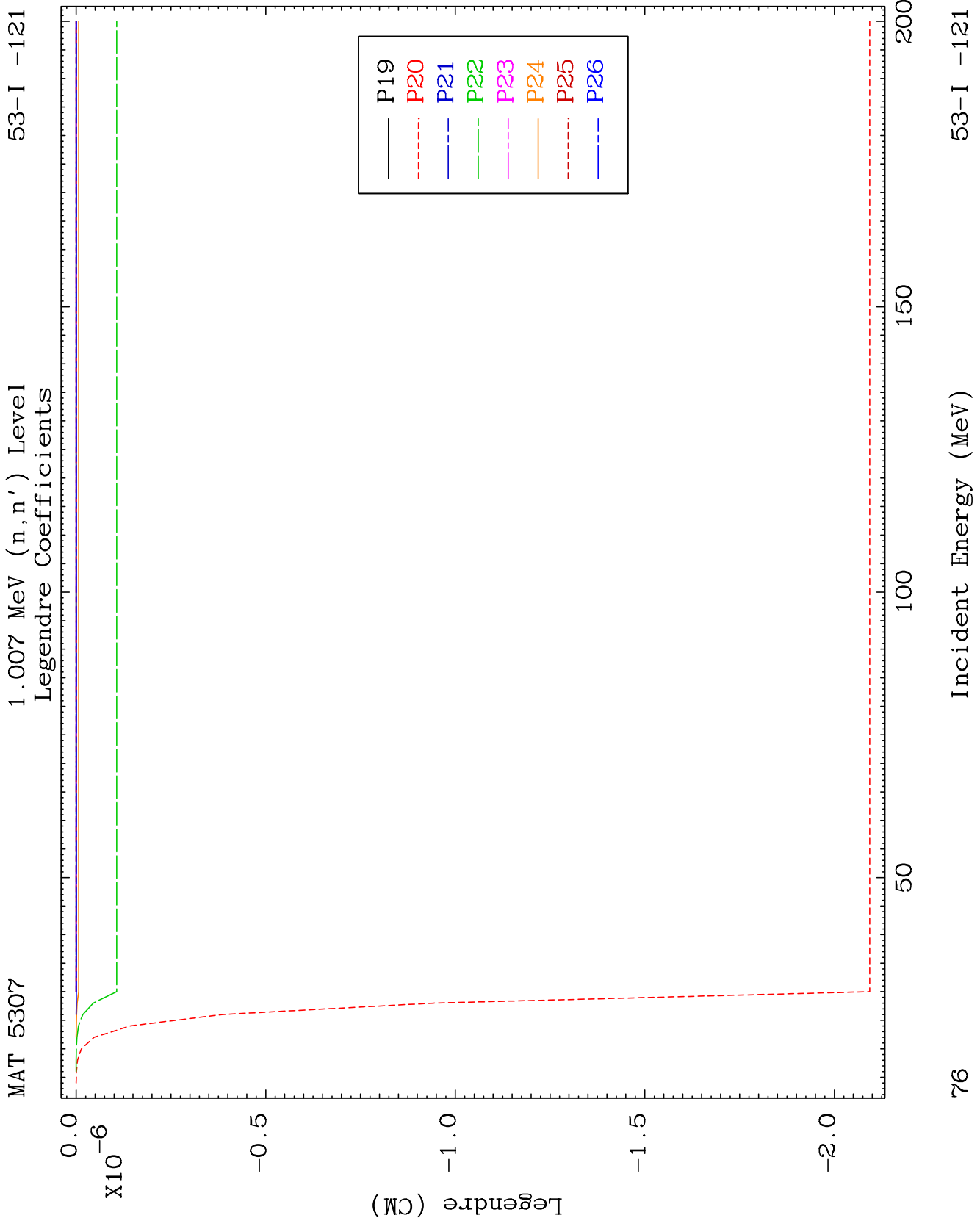
73

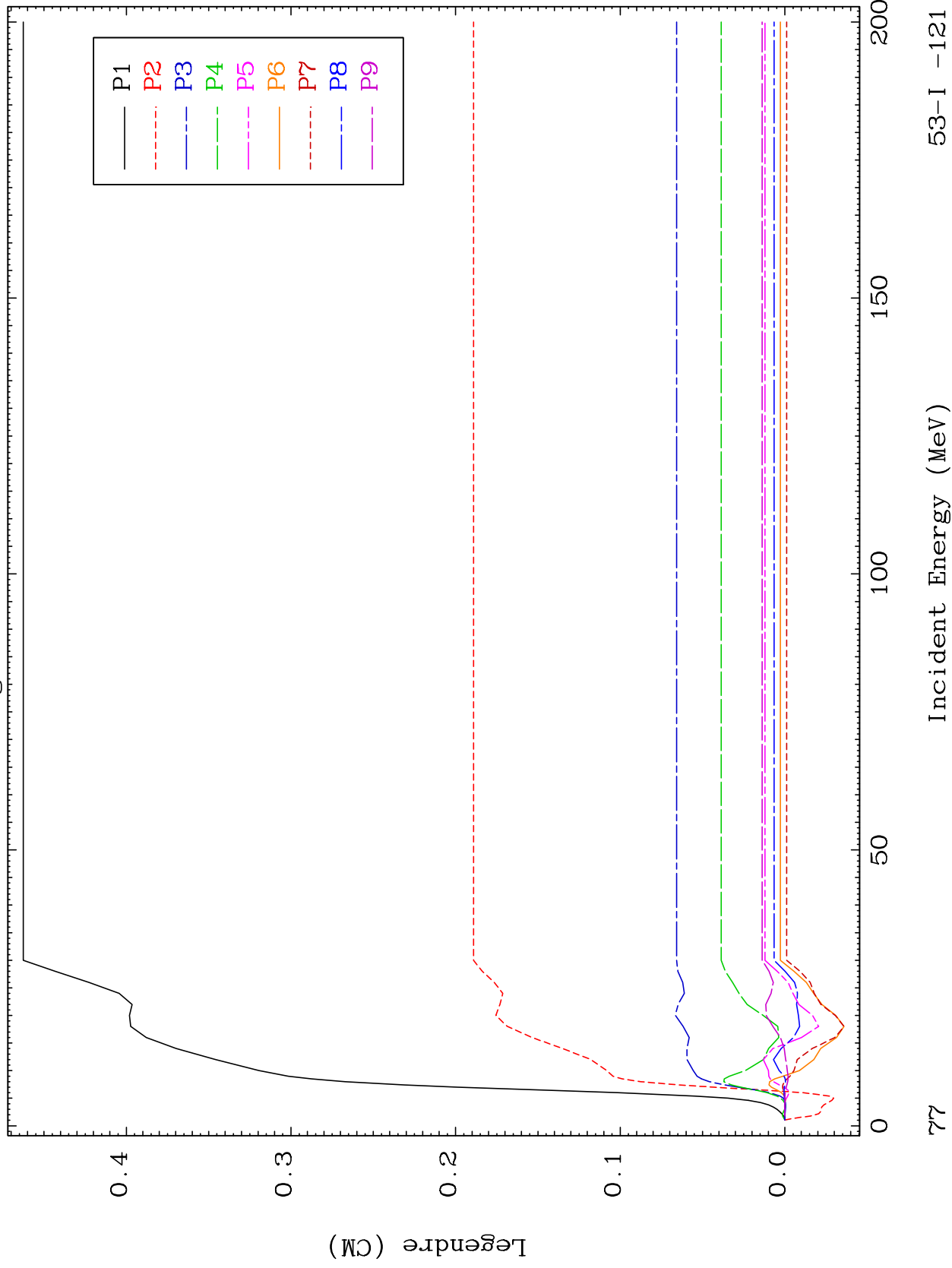
Incident Energy (MeV)

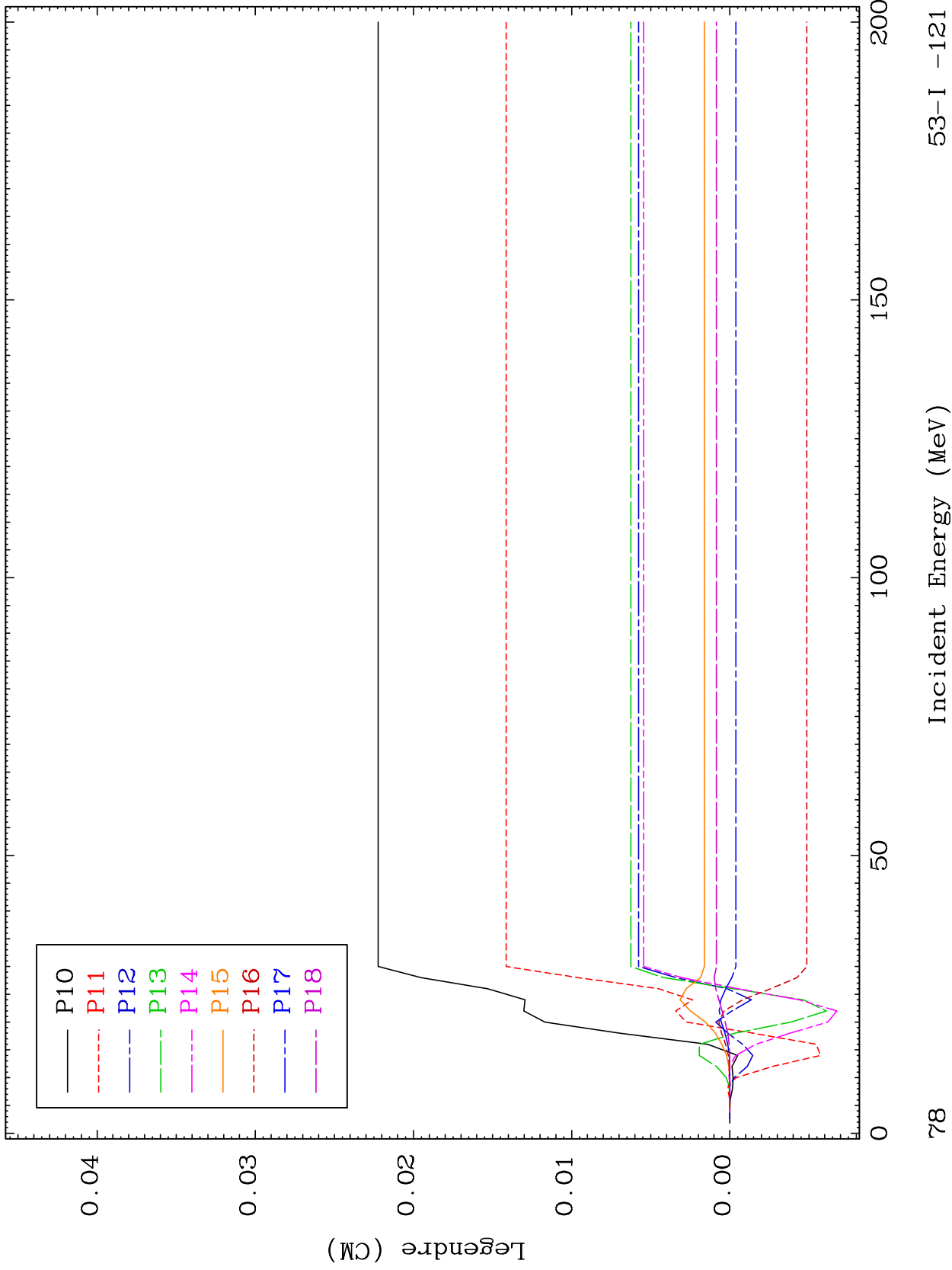
53-I -121

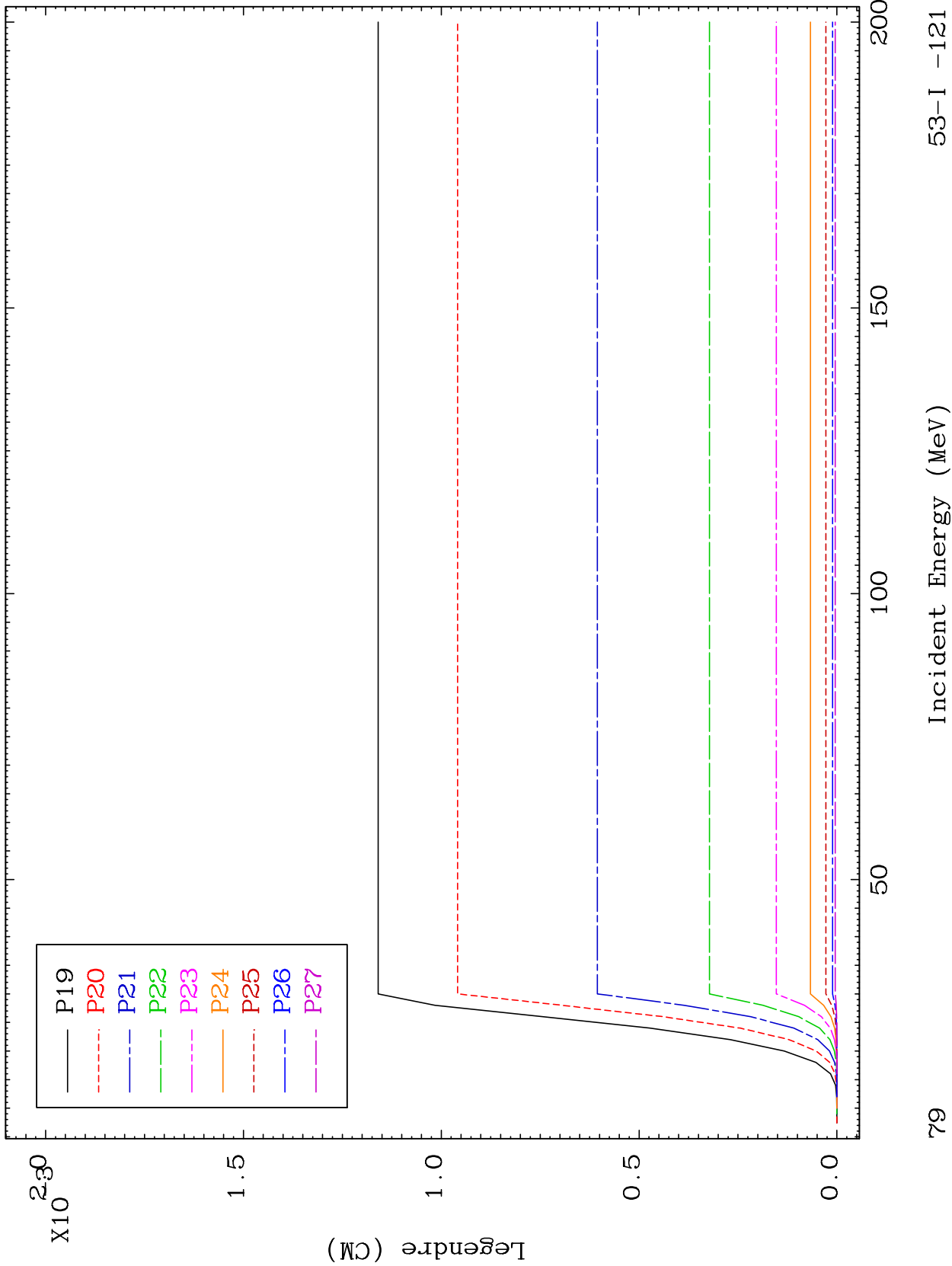








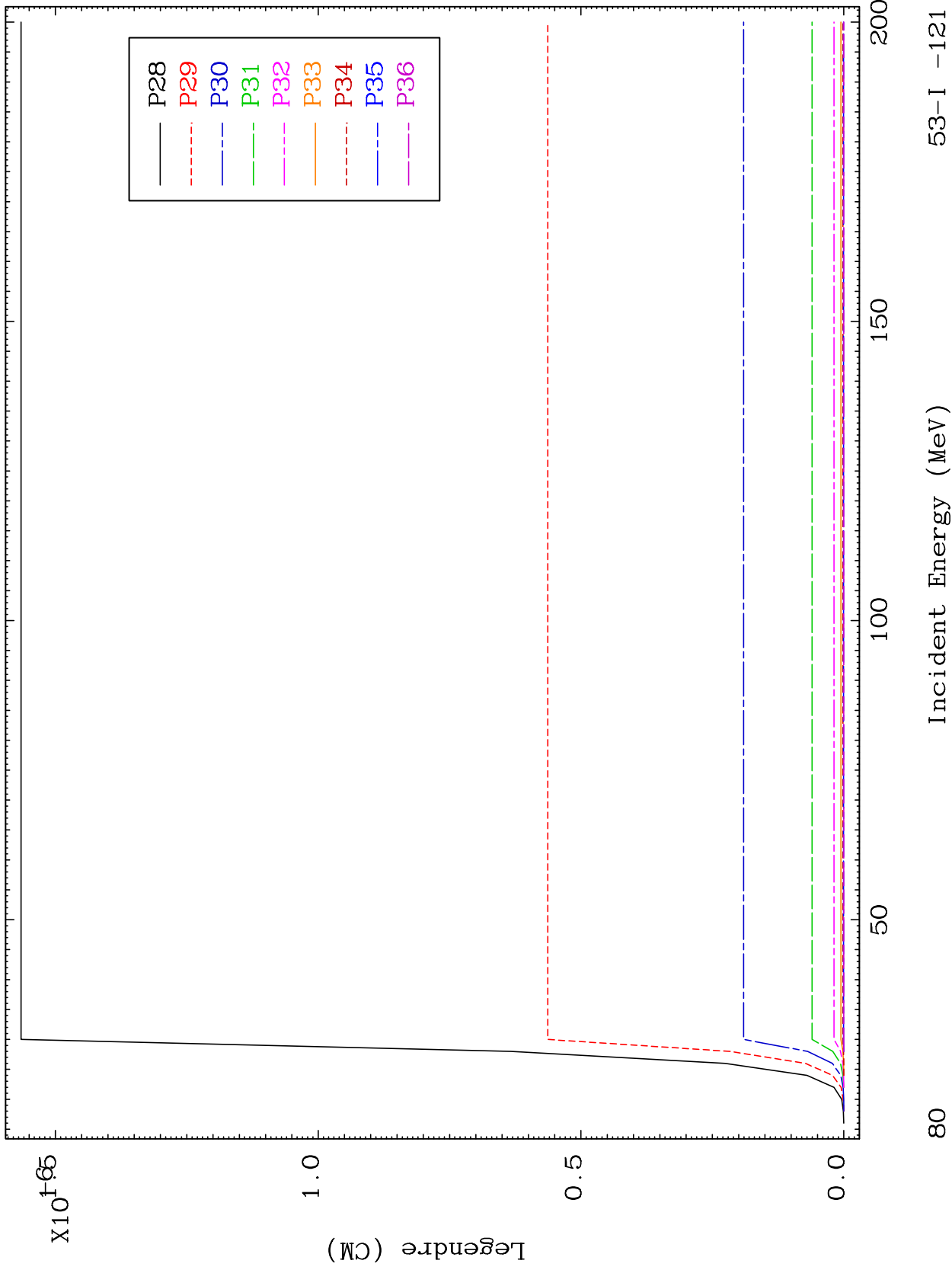




MAT 5307

1.031 MeV (n,n') Level
Legendre Coefficients

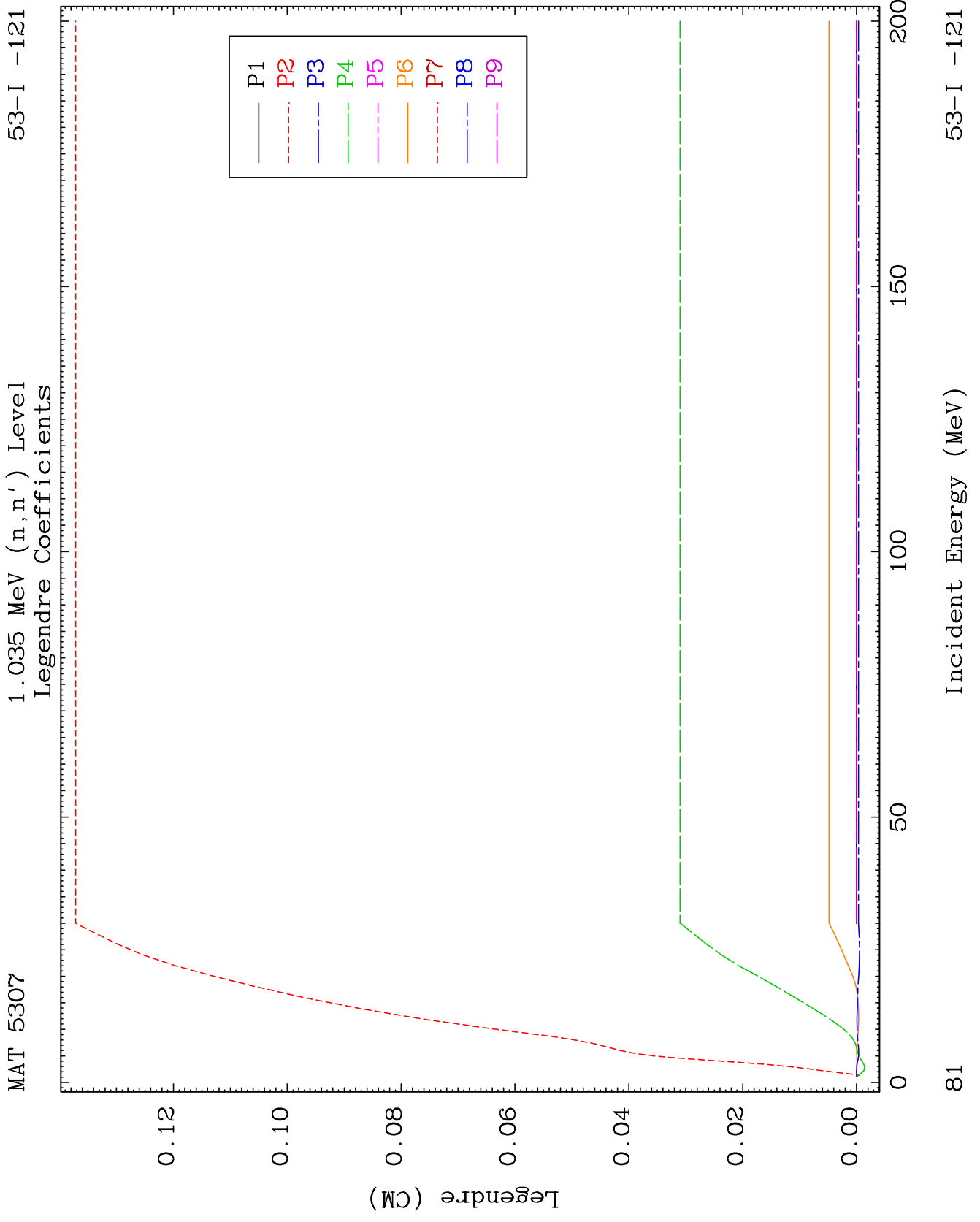
53-I -121

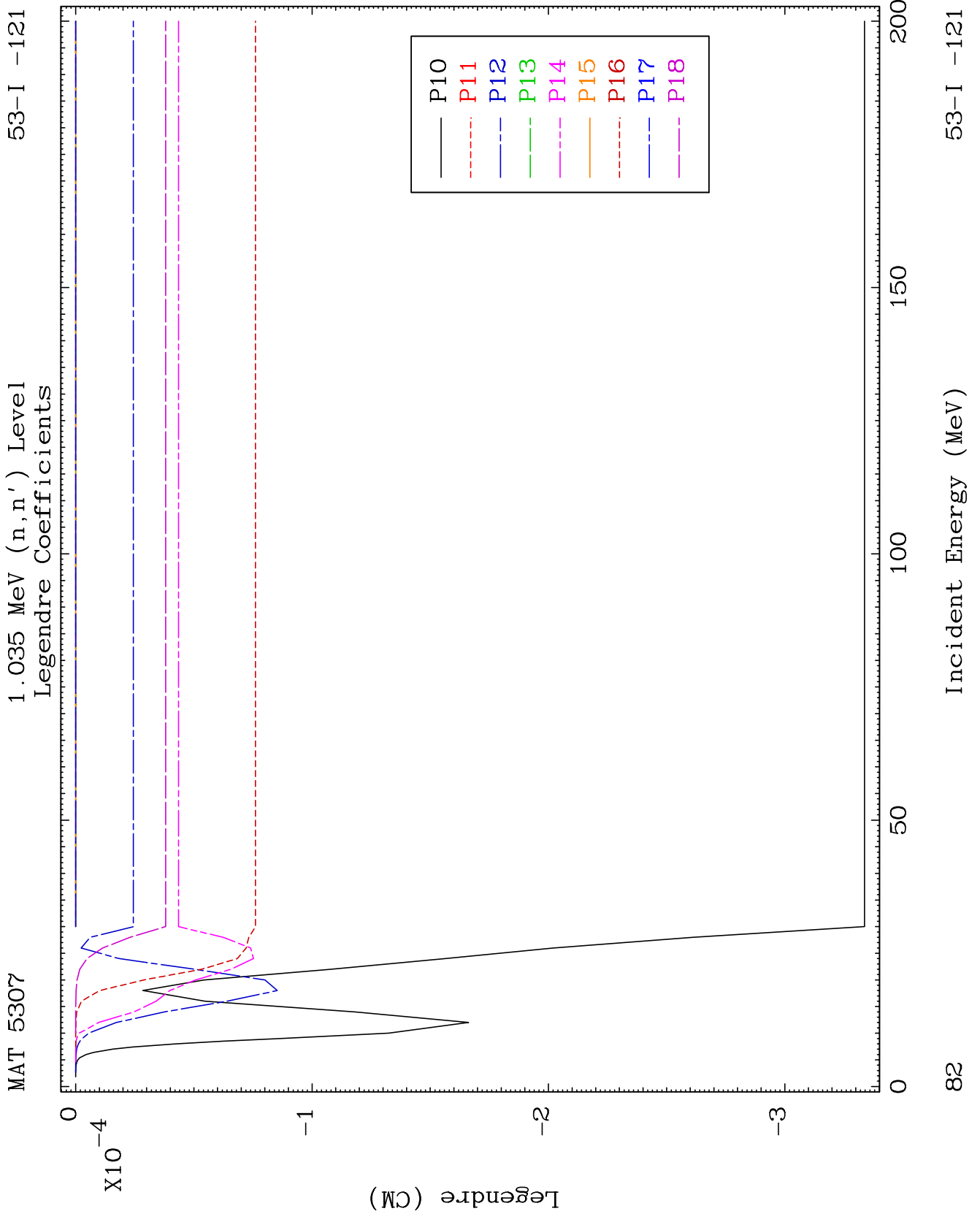


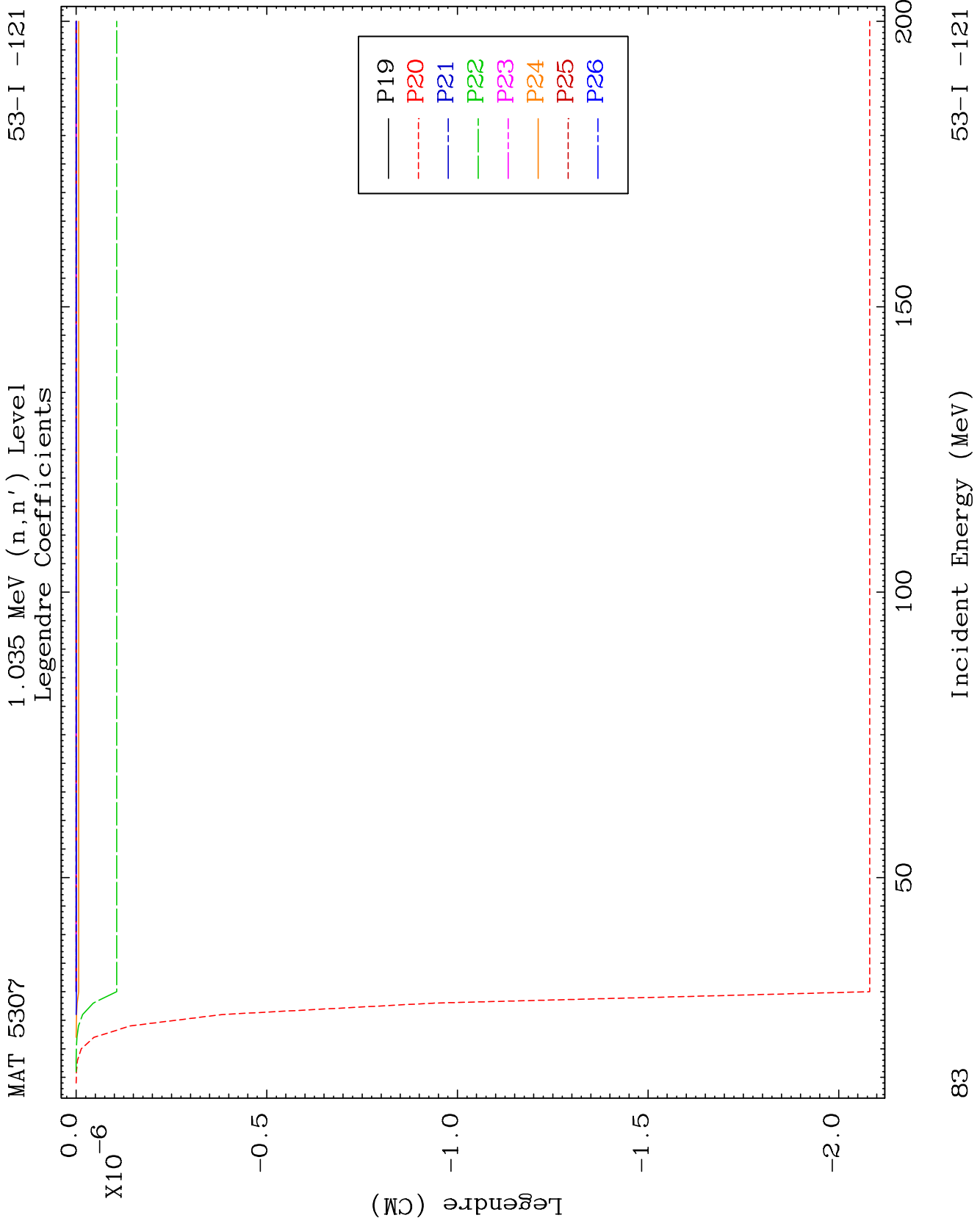
80

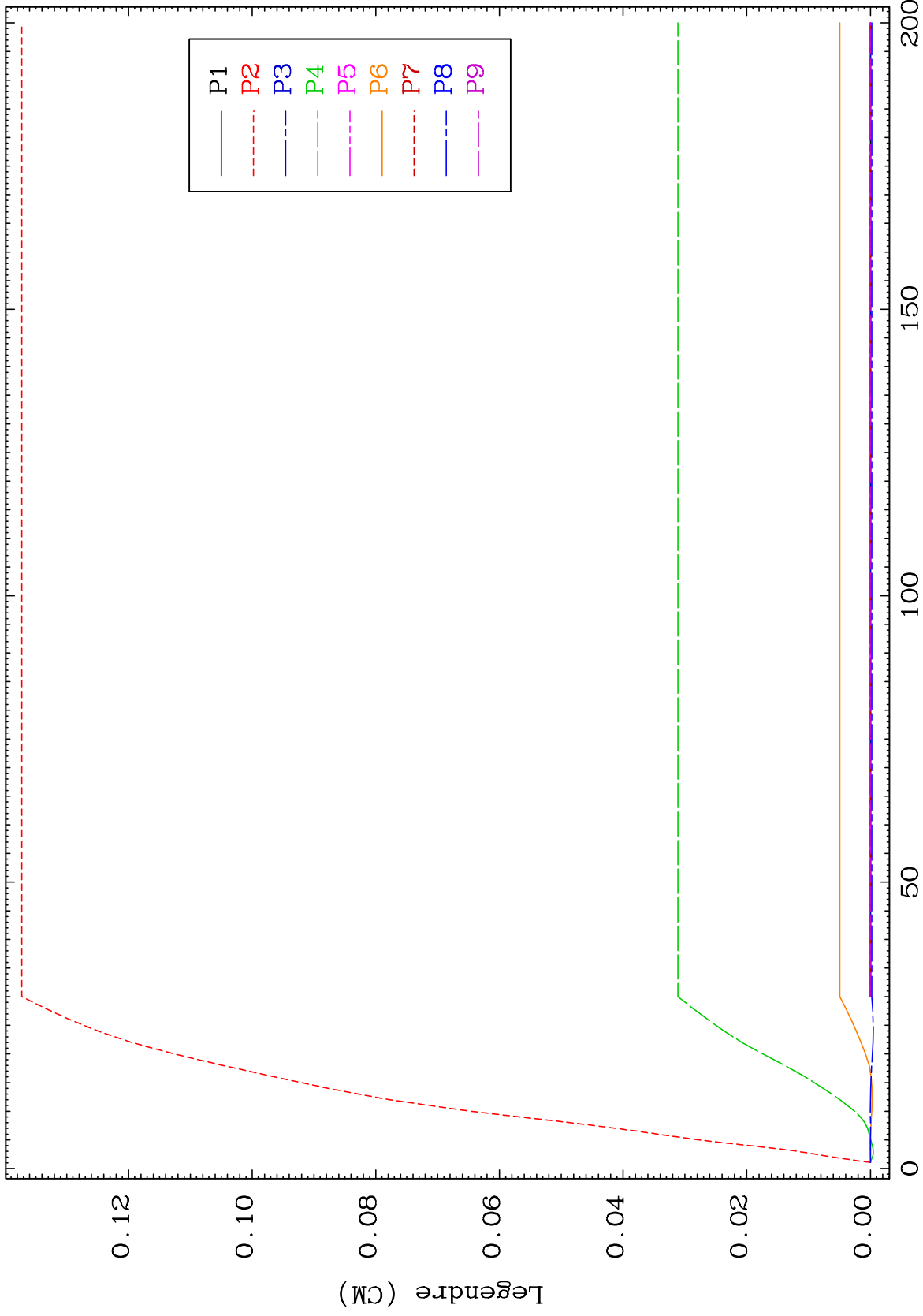
Incident Energy (MeV)

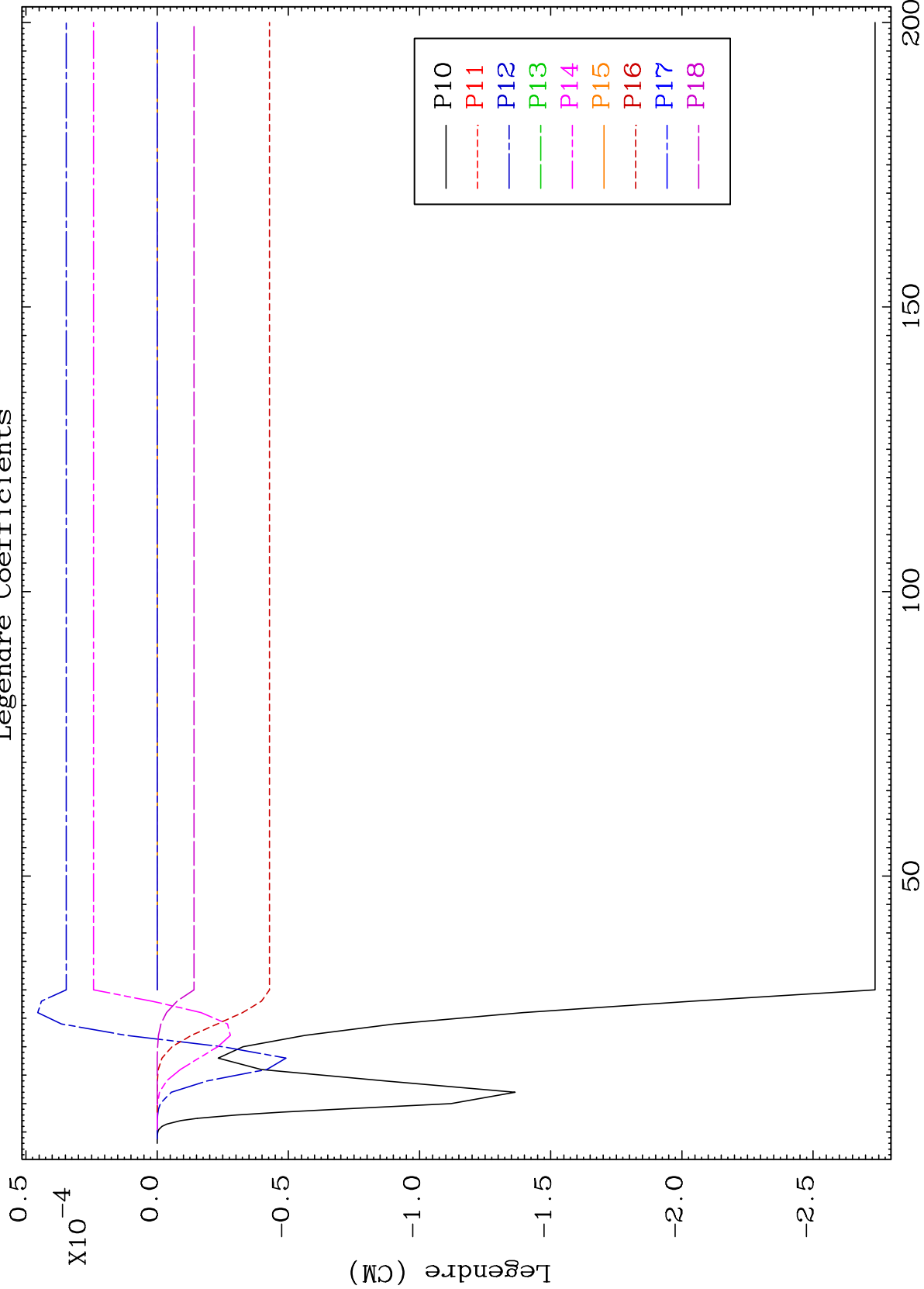
53-I -121

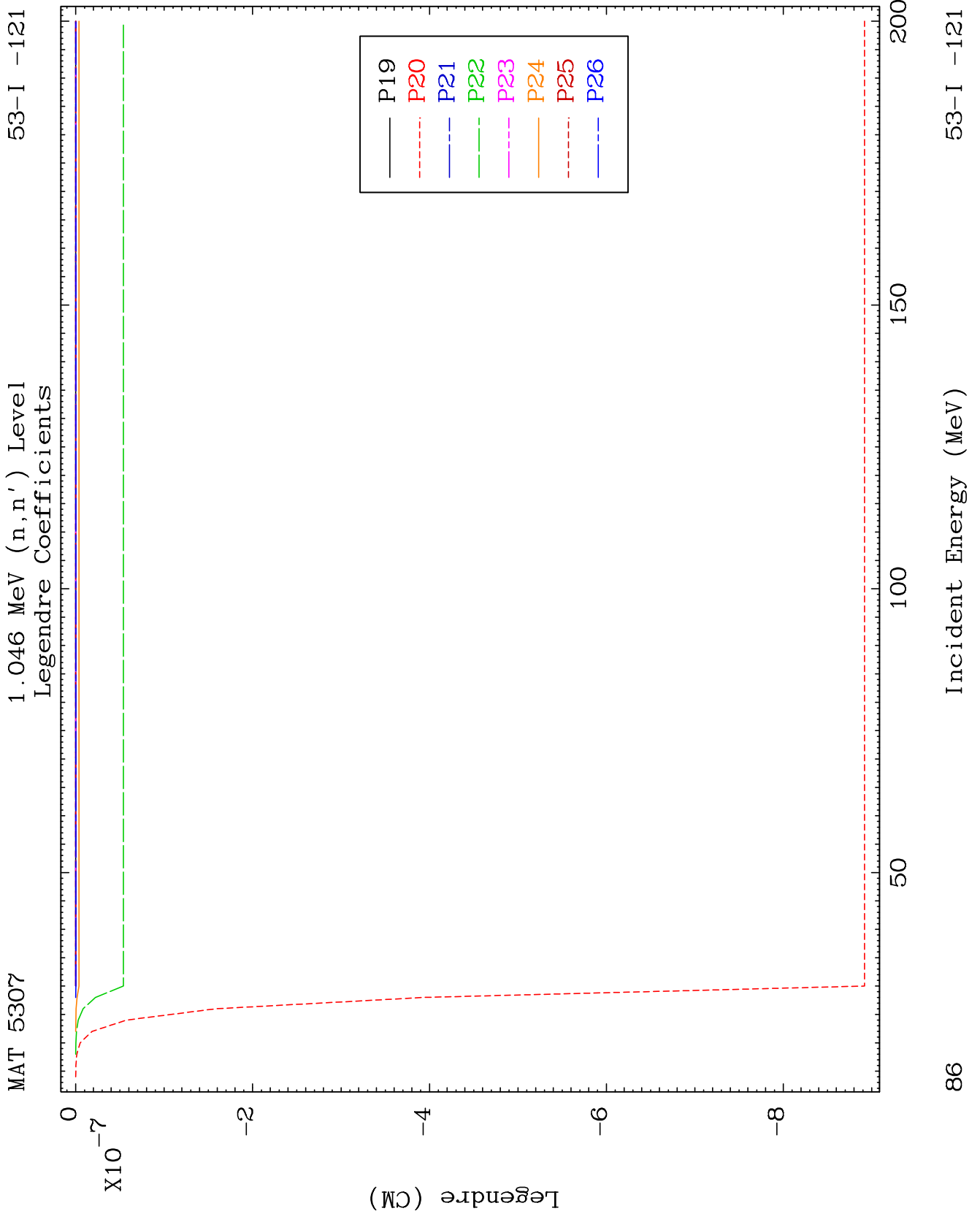


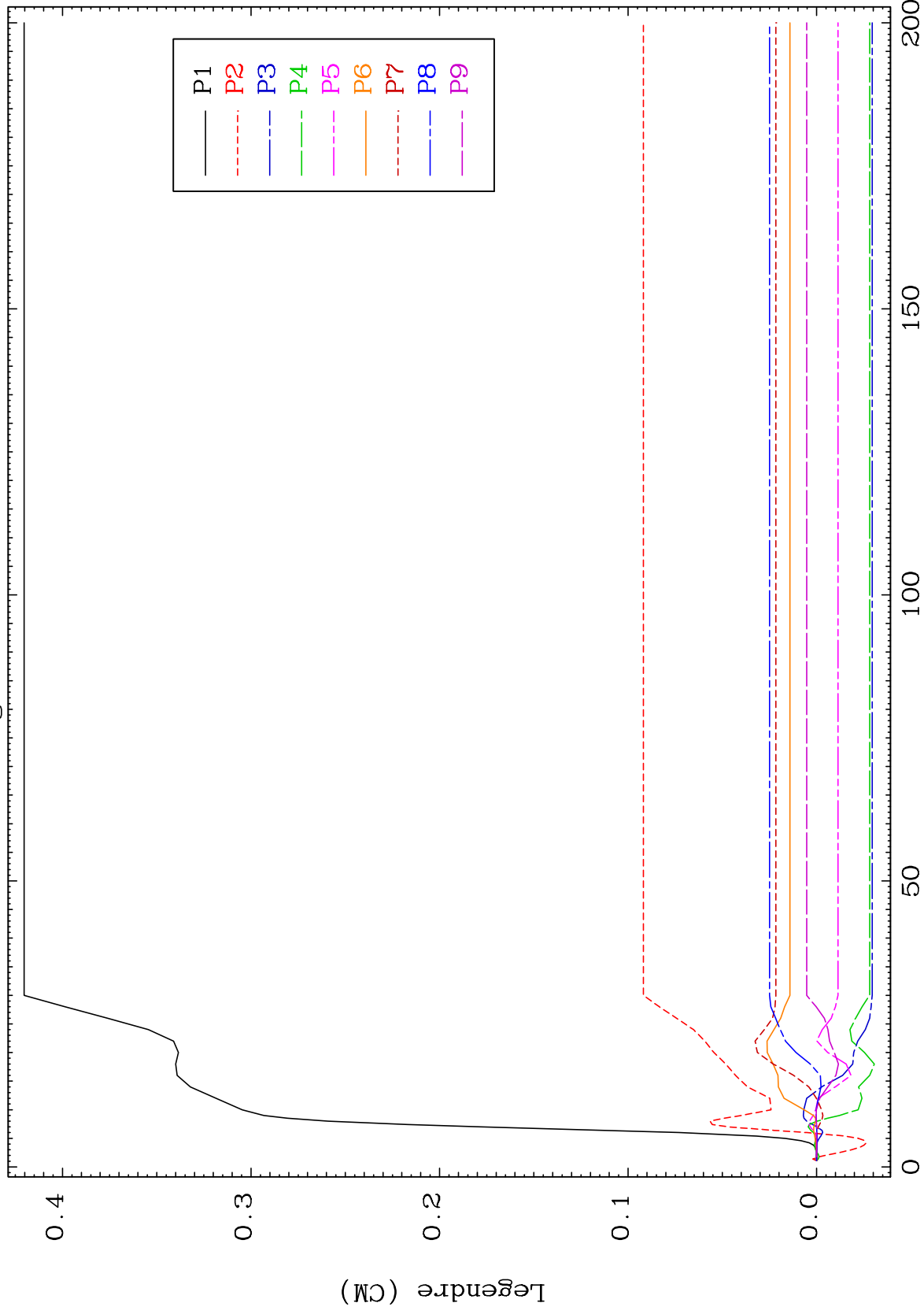


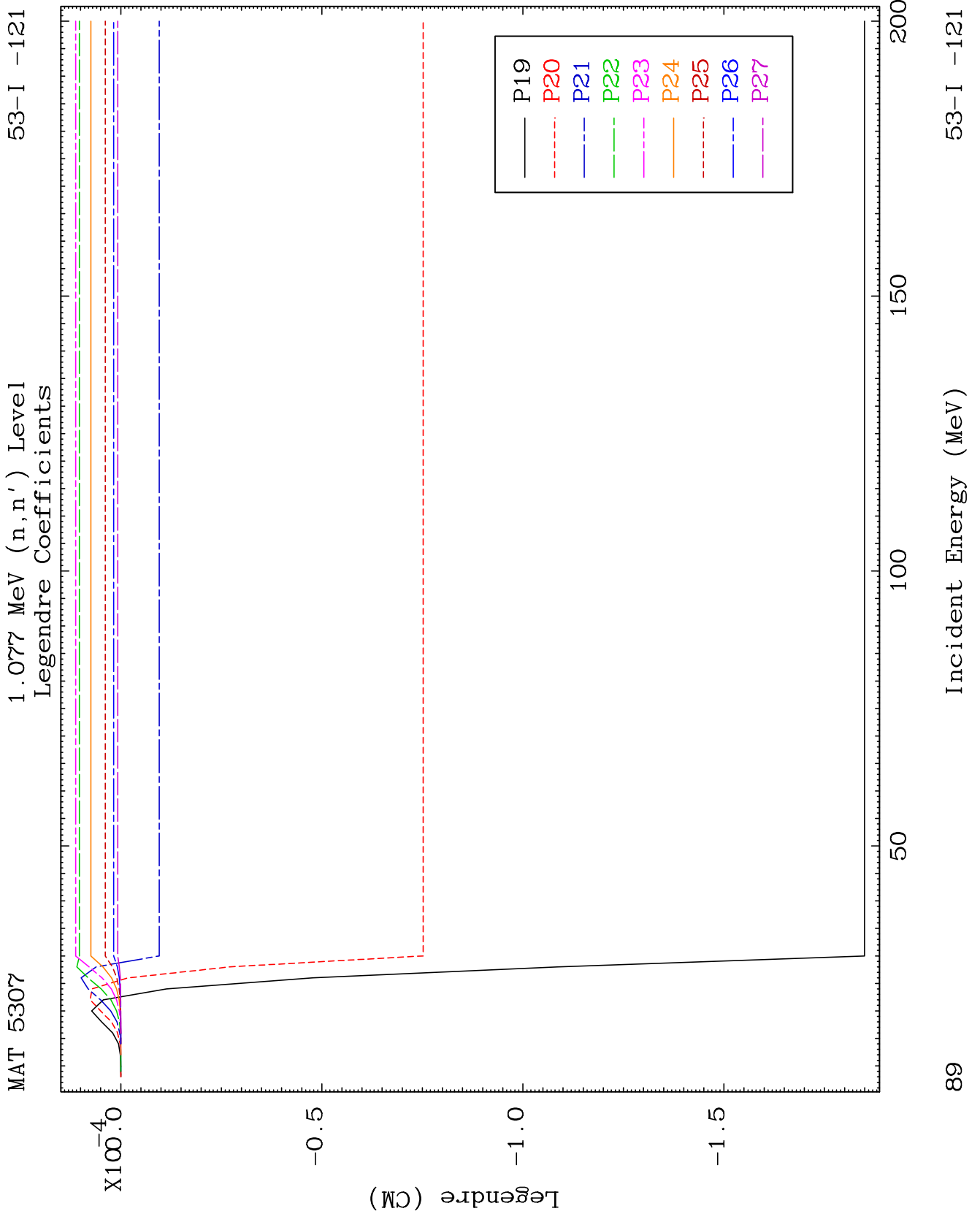








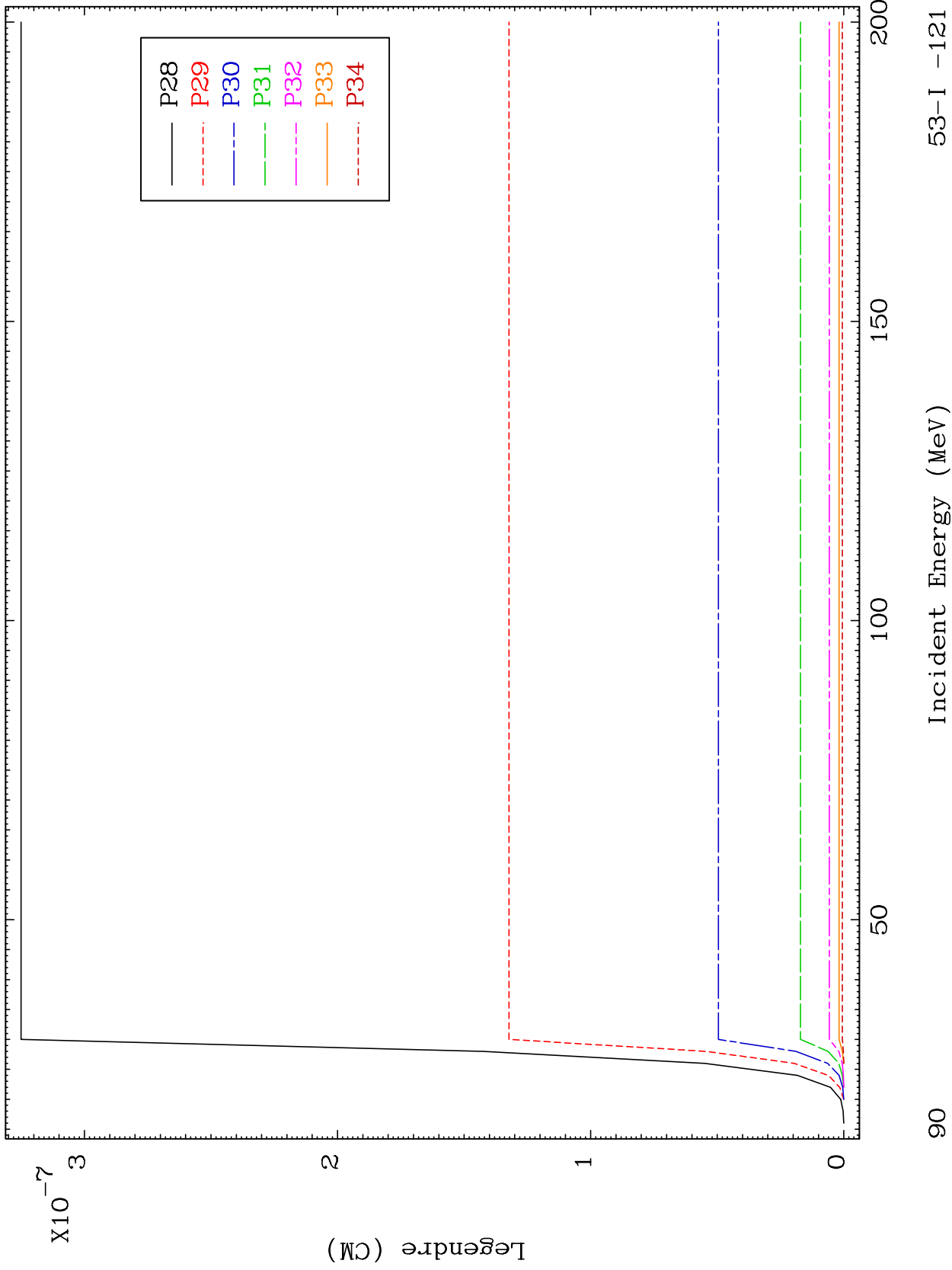




MAT 5307

1.077 MeV (n,n') Level
Legendre Coefficients

53-I -121



53-I -121

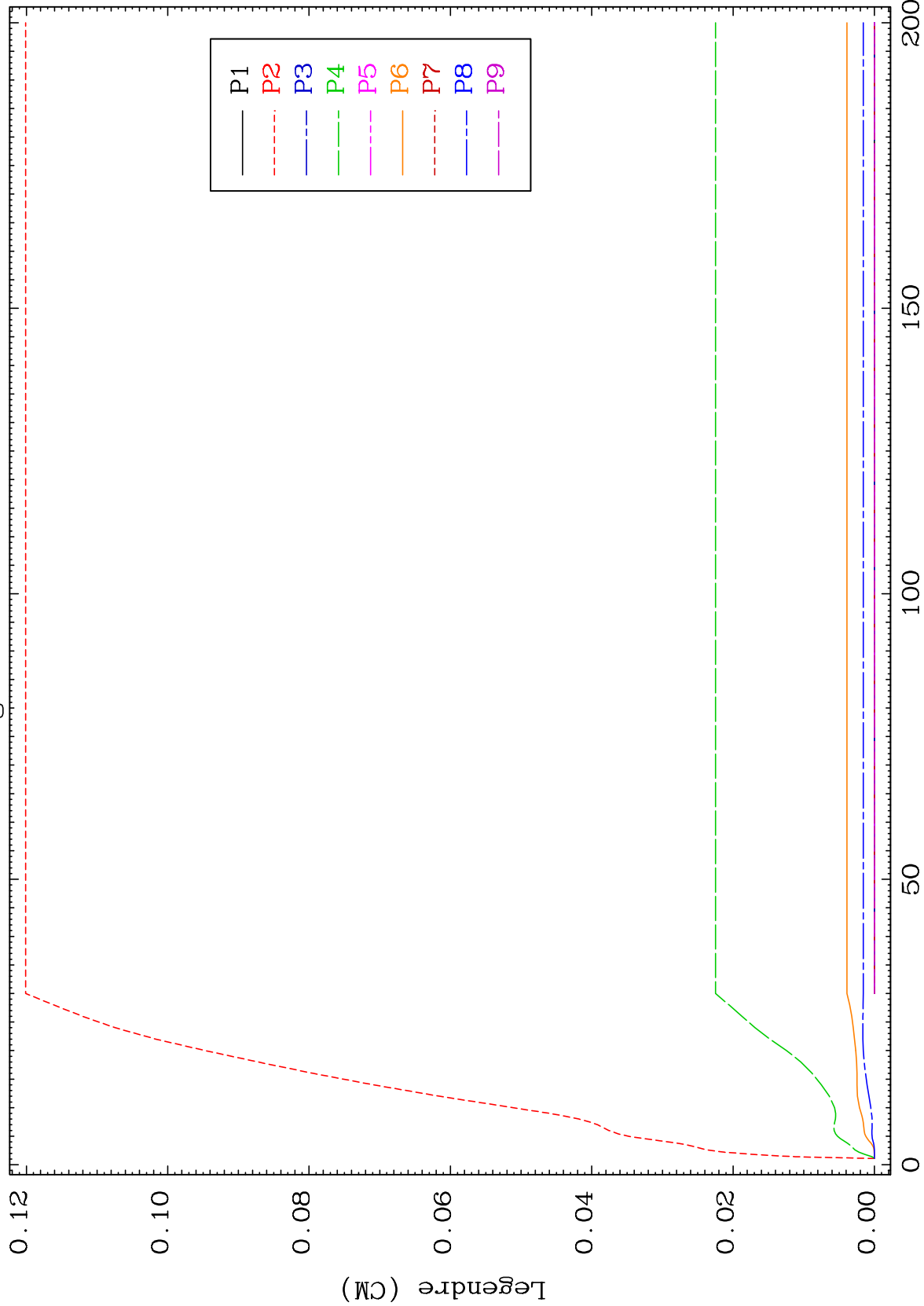
Incident Energy (MeV)

90

MAT 5307

1.086 MeV (n,n') Level
Legendre Coefficients

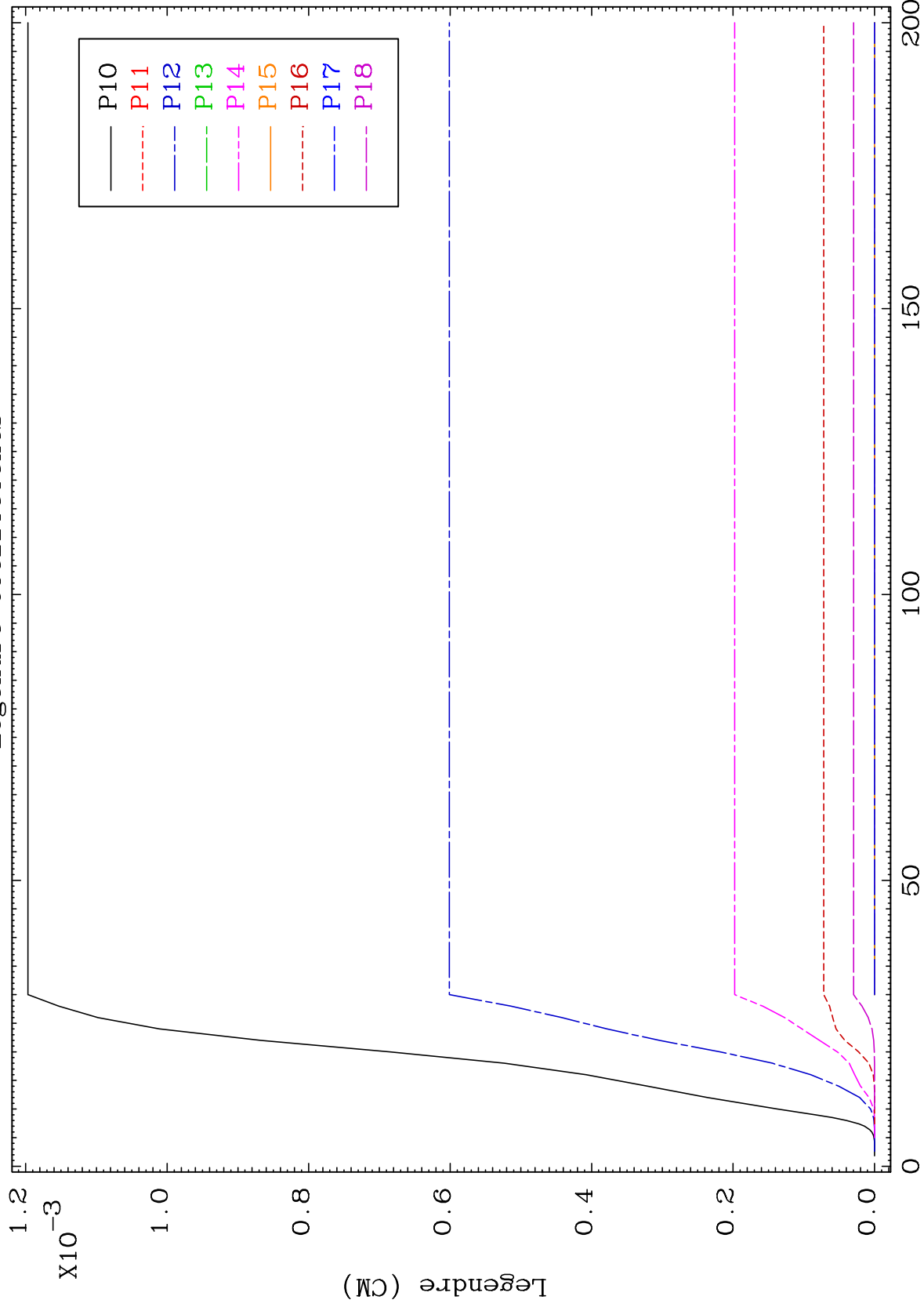
53-I -121

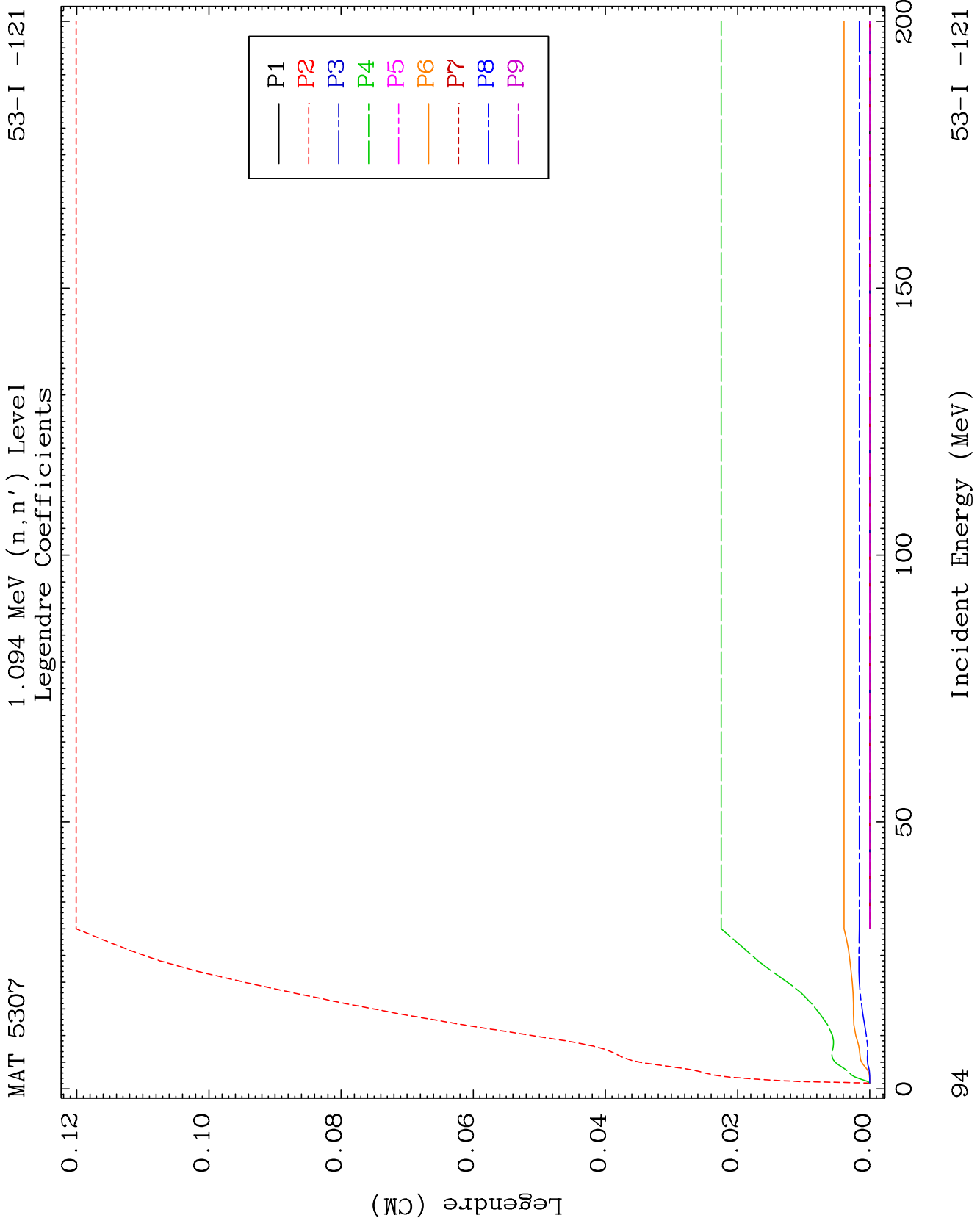


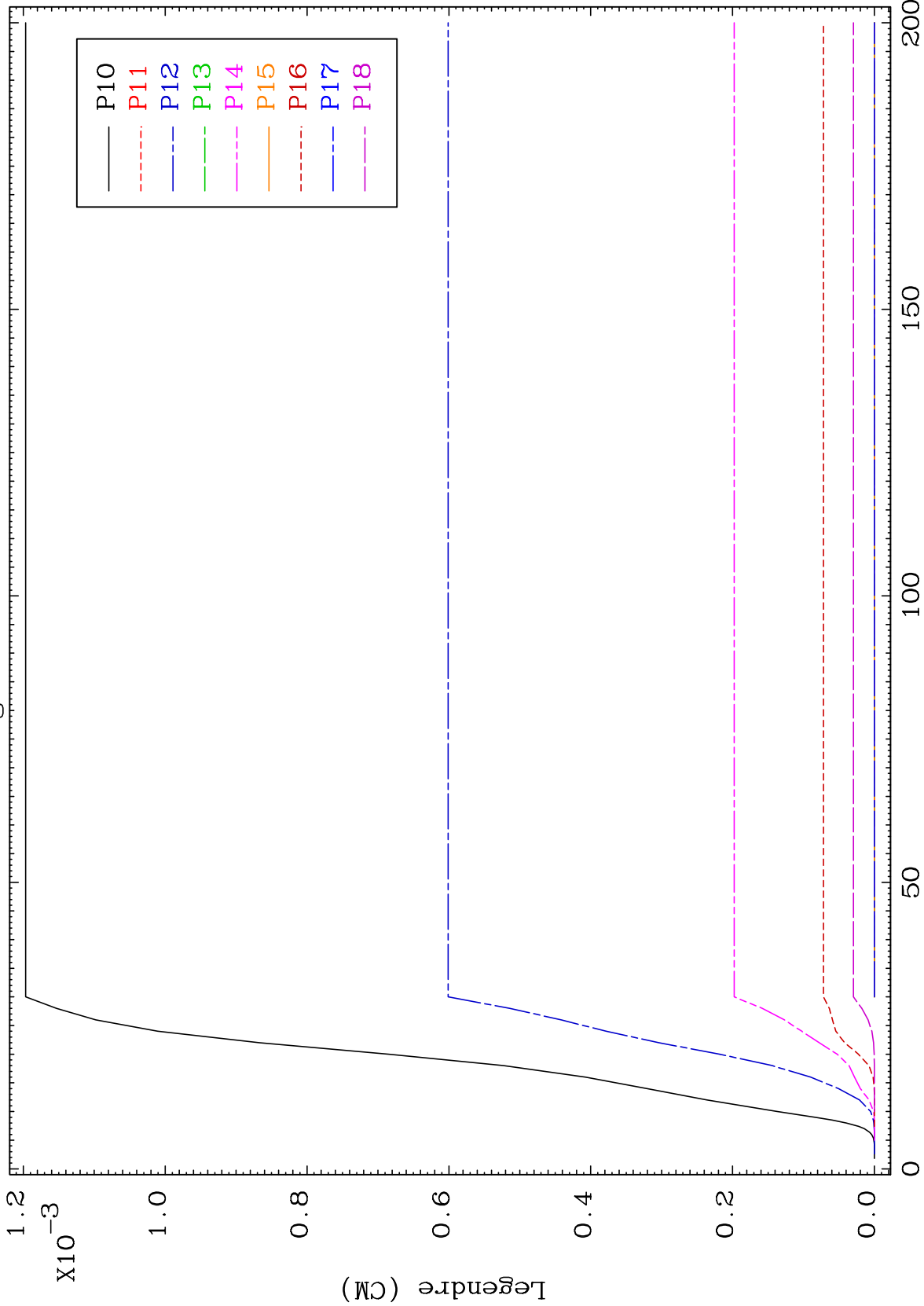
91

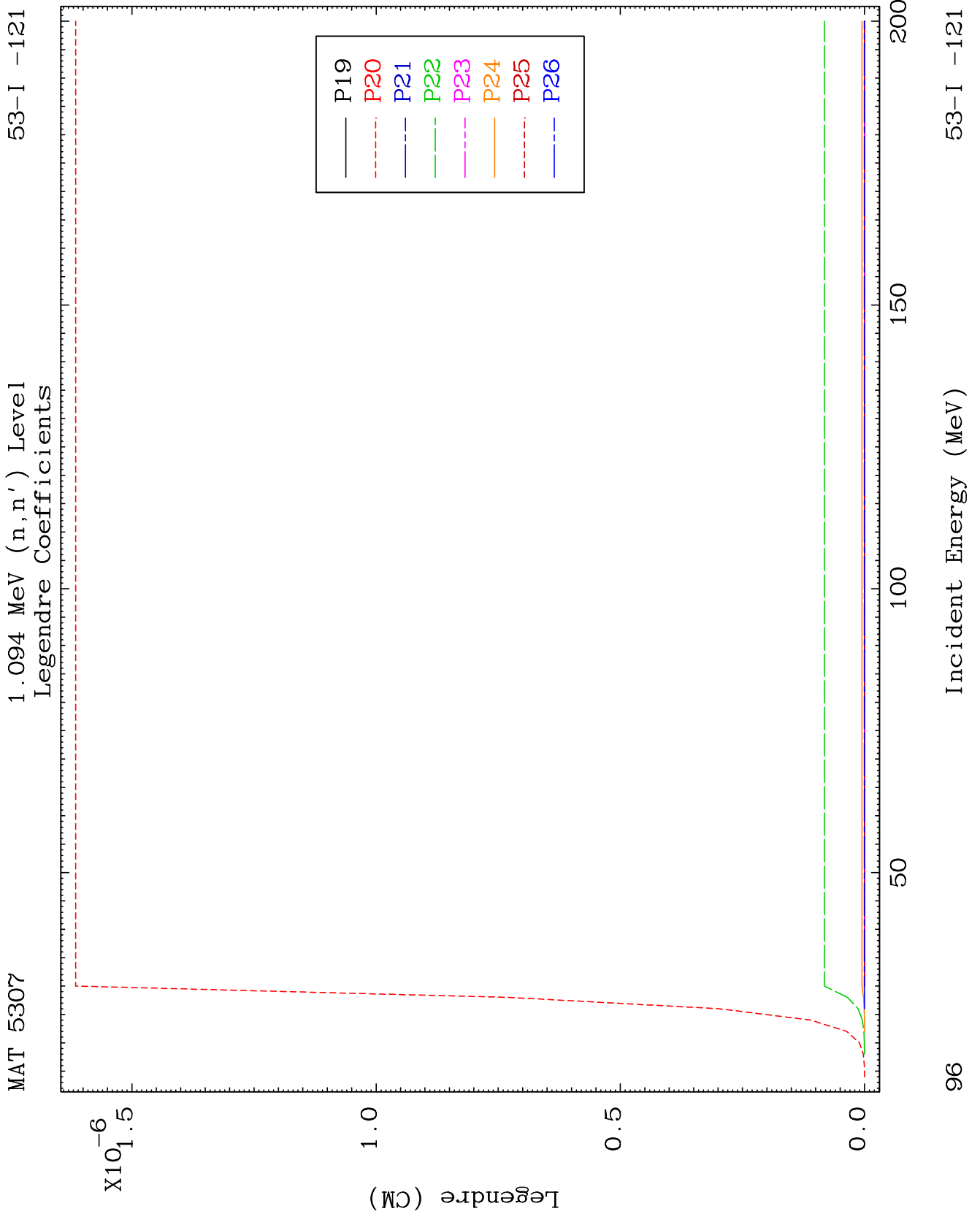
Incident Energy (MeV)

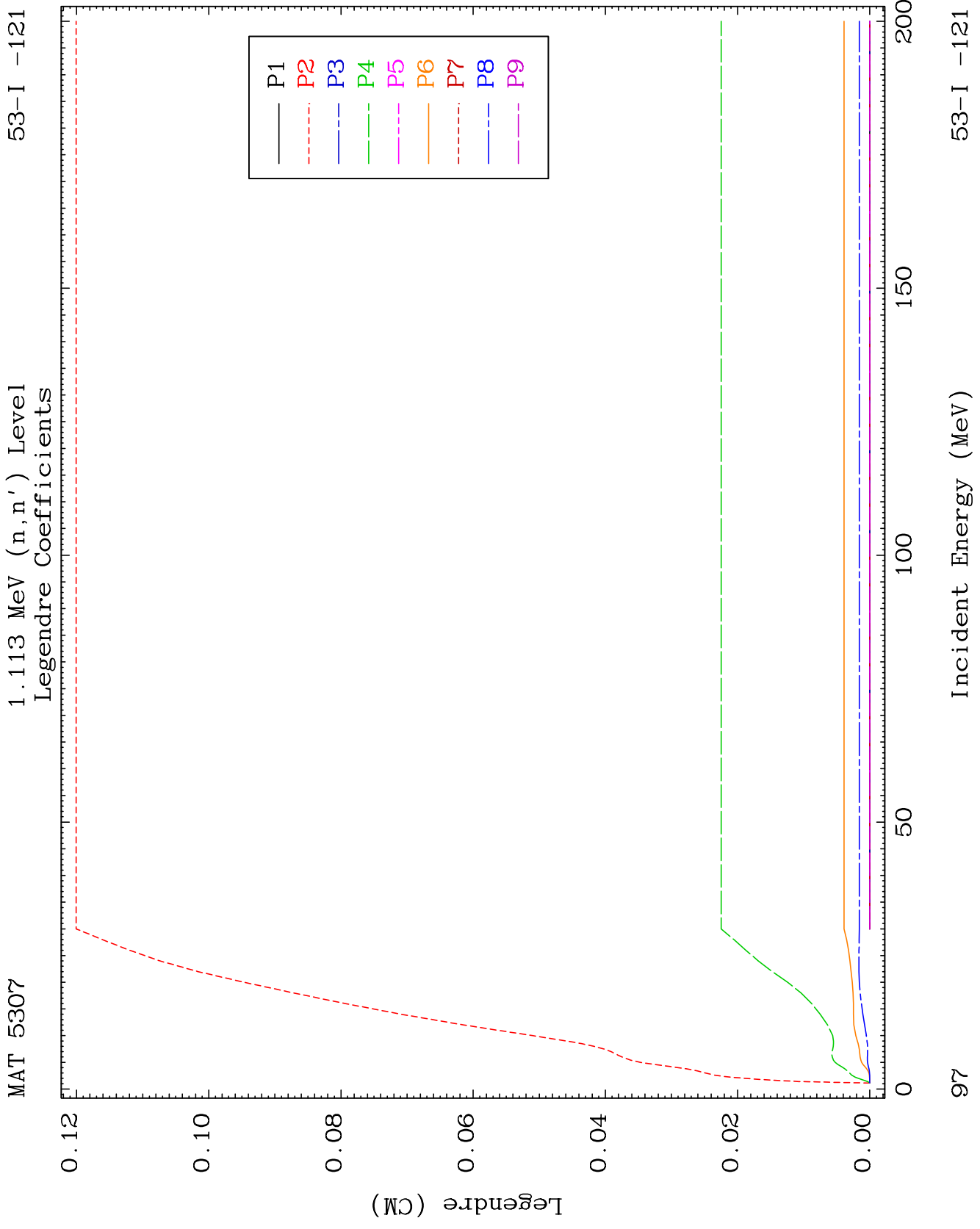
53-I -121

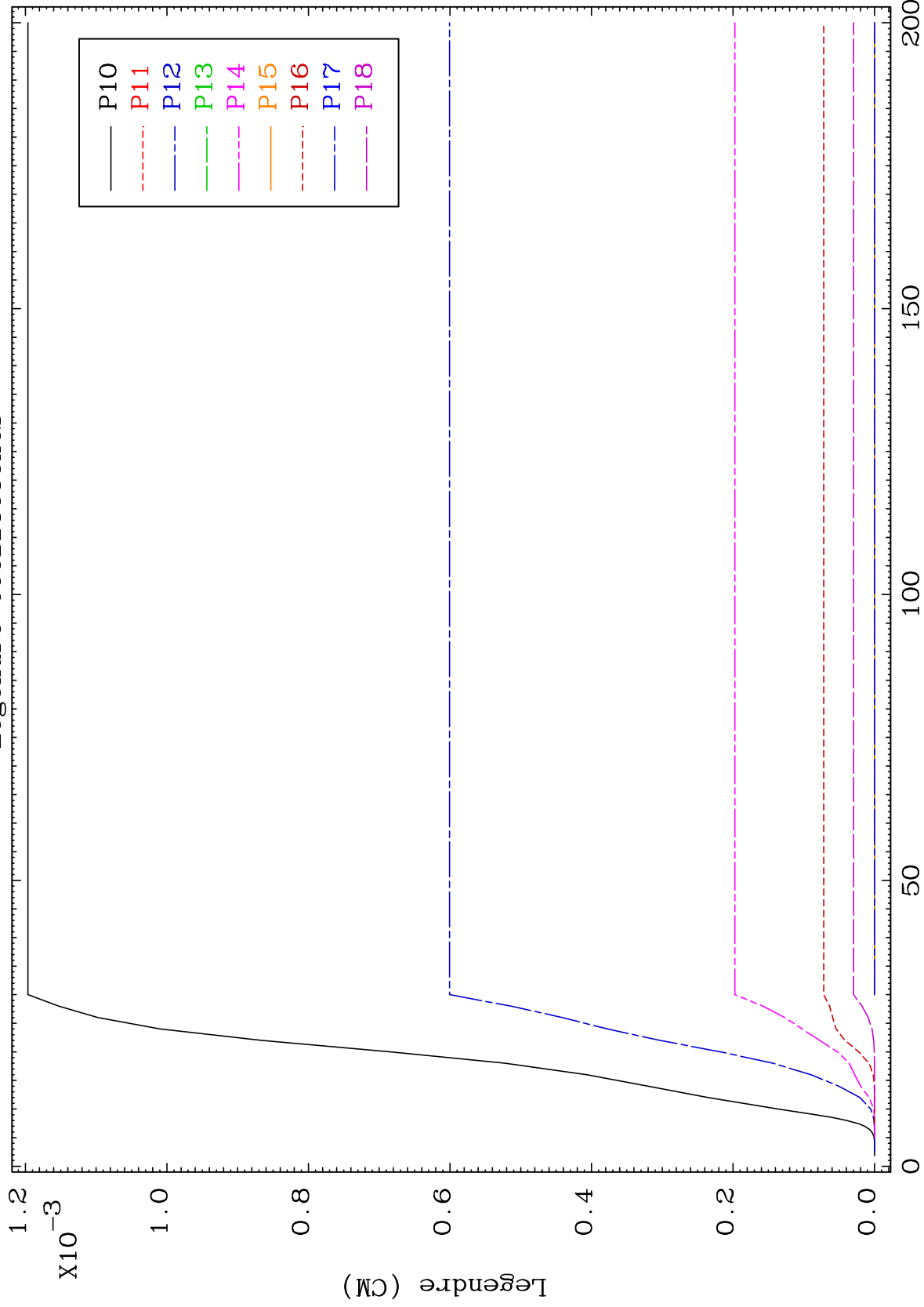


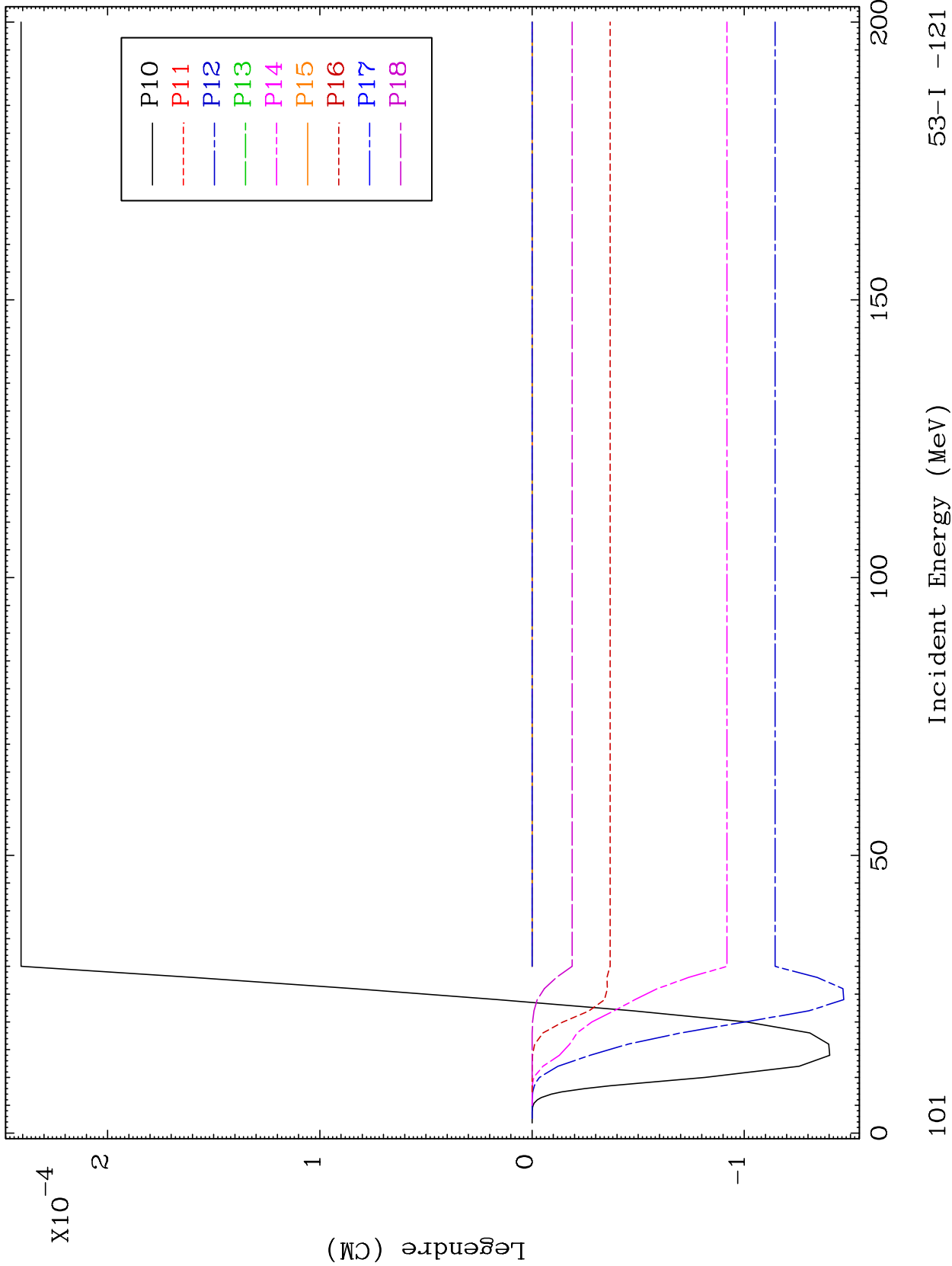


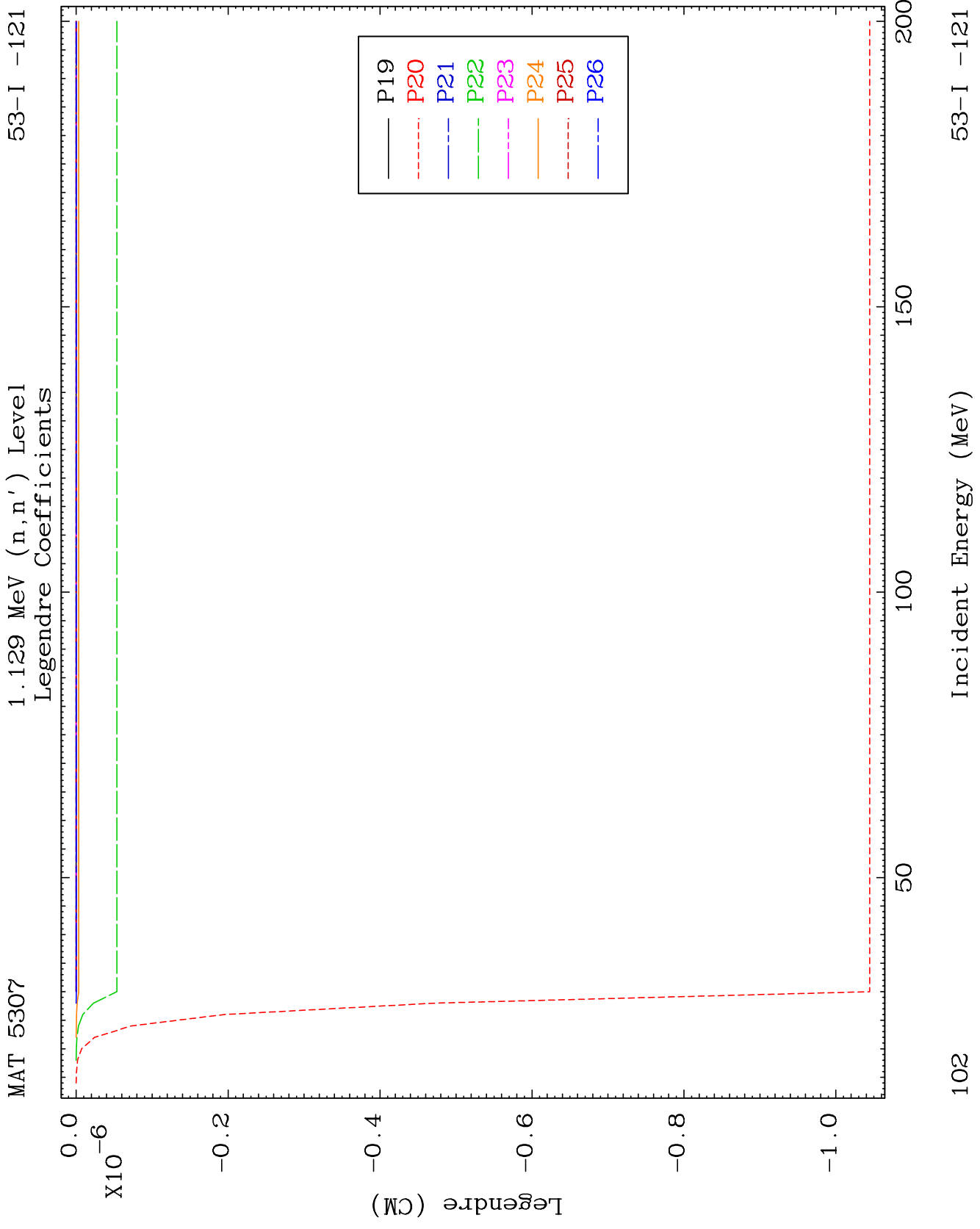








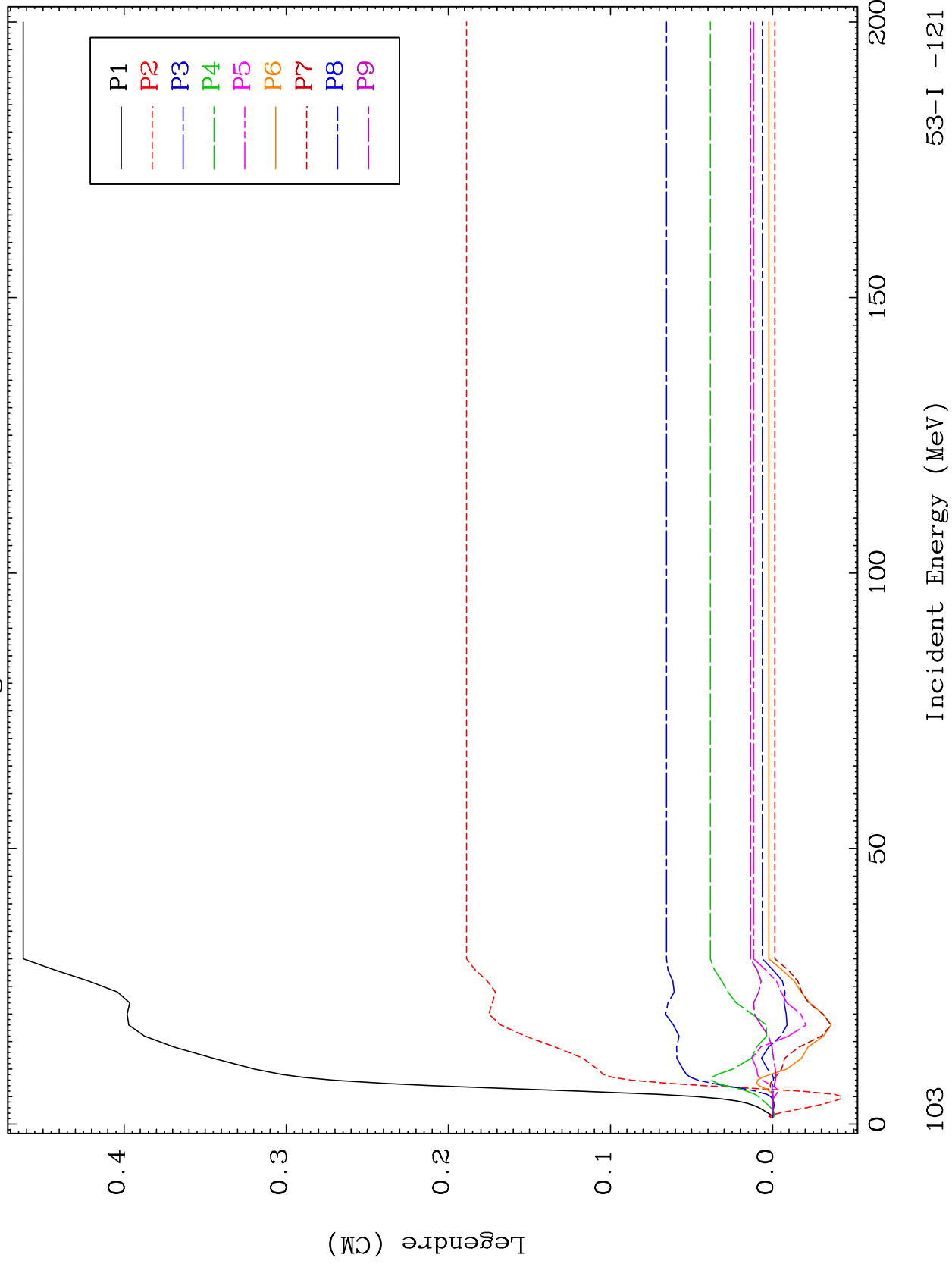




MAT 5307

1.134 MeV (n,n') Level
Legendre Coefficients

53-I -121



53-I -121

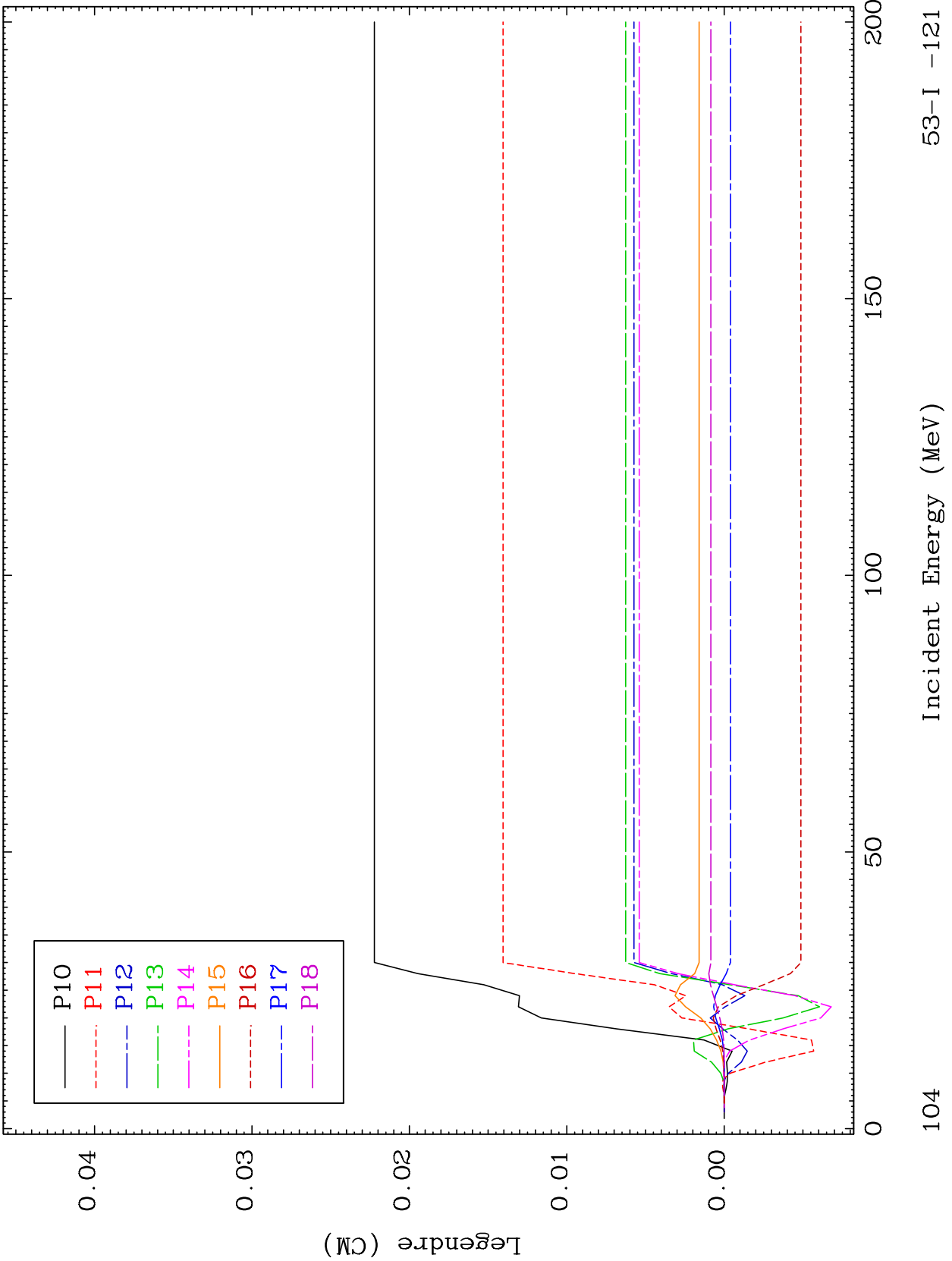
Incident Energy (MeV)

103

MAT 5307

1.134 MeV (n,n') Level
Legendre Coefficients

53-I -121



104

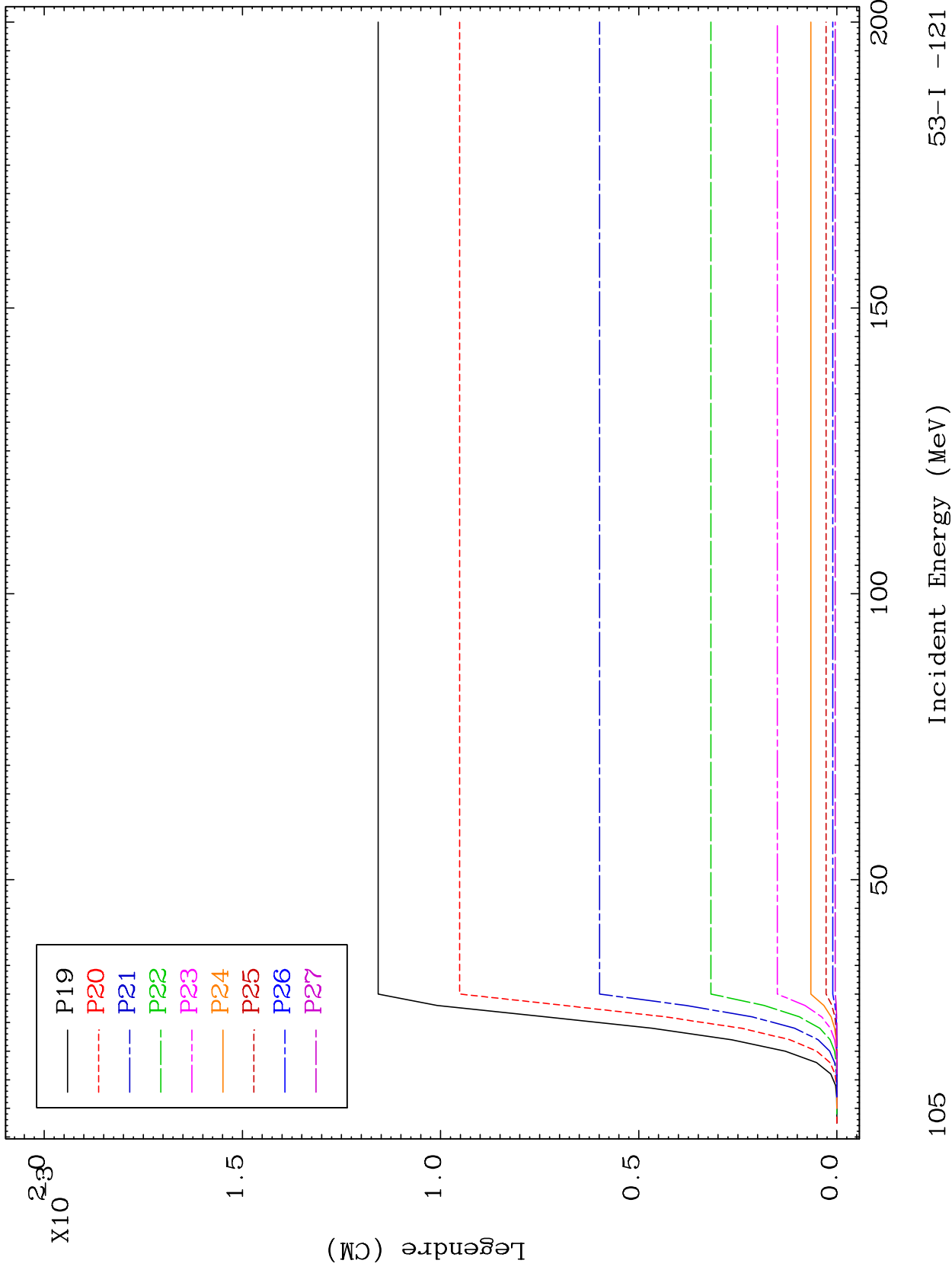
Incident Energy (MeV)

53-I -121

MAT 5307

1.134 MeV (n,n') Level
Legendre Coefficients

53-I -121



105

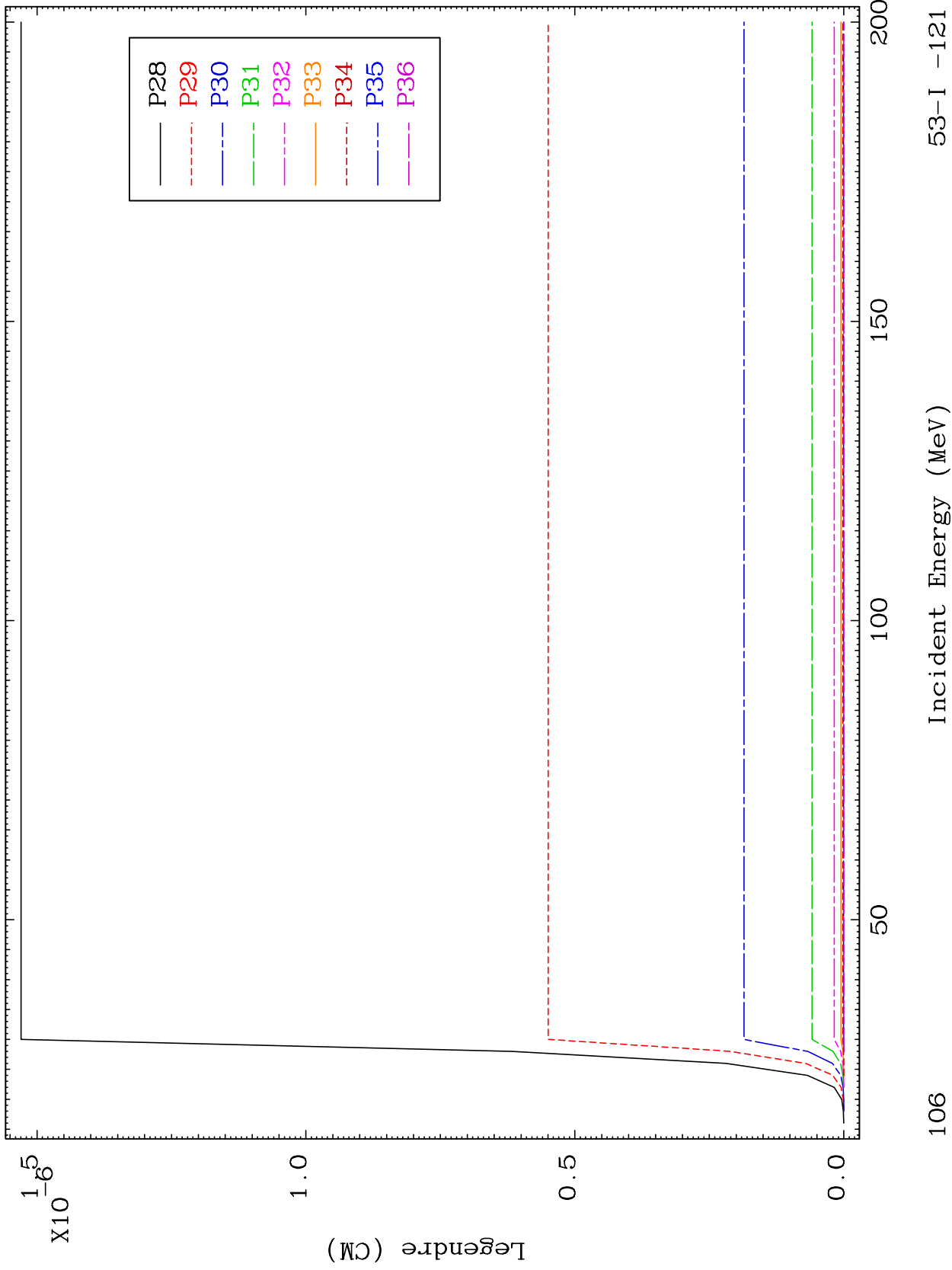
Incident Energy (MeV)

53-I -121

MAT 5307

1.134 MeV (n,n') Level
Legendre Coefficients

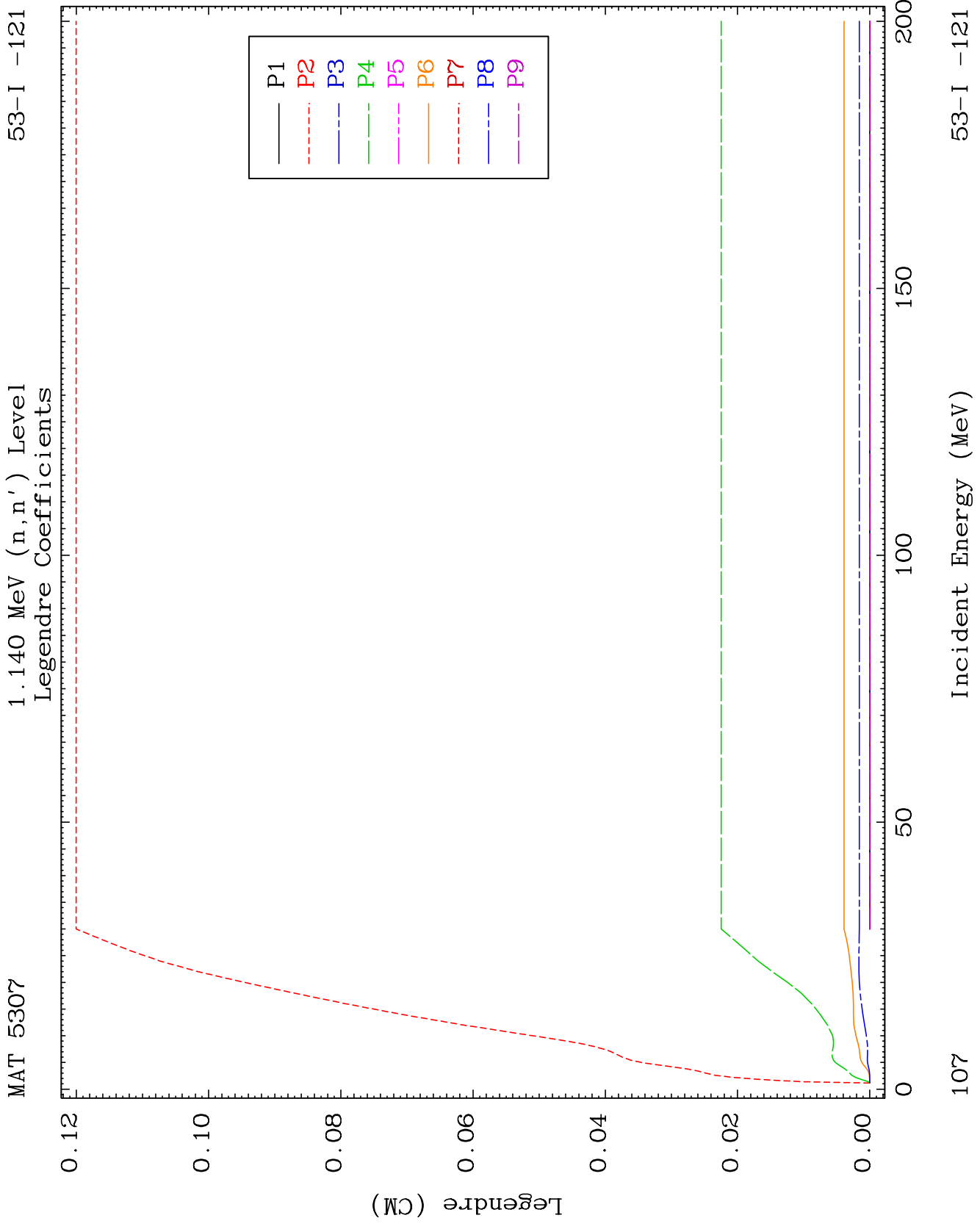
53-I -121

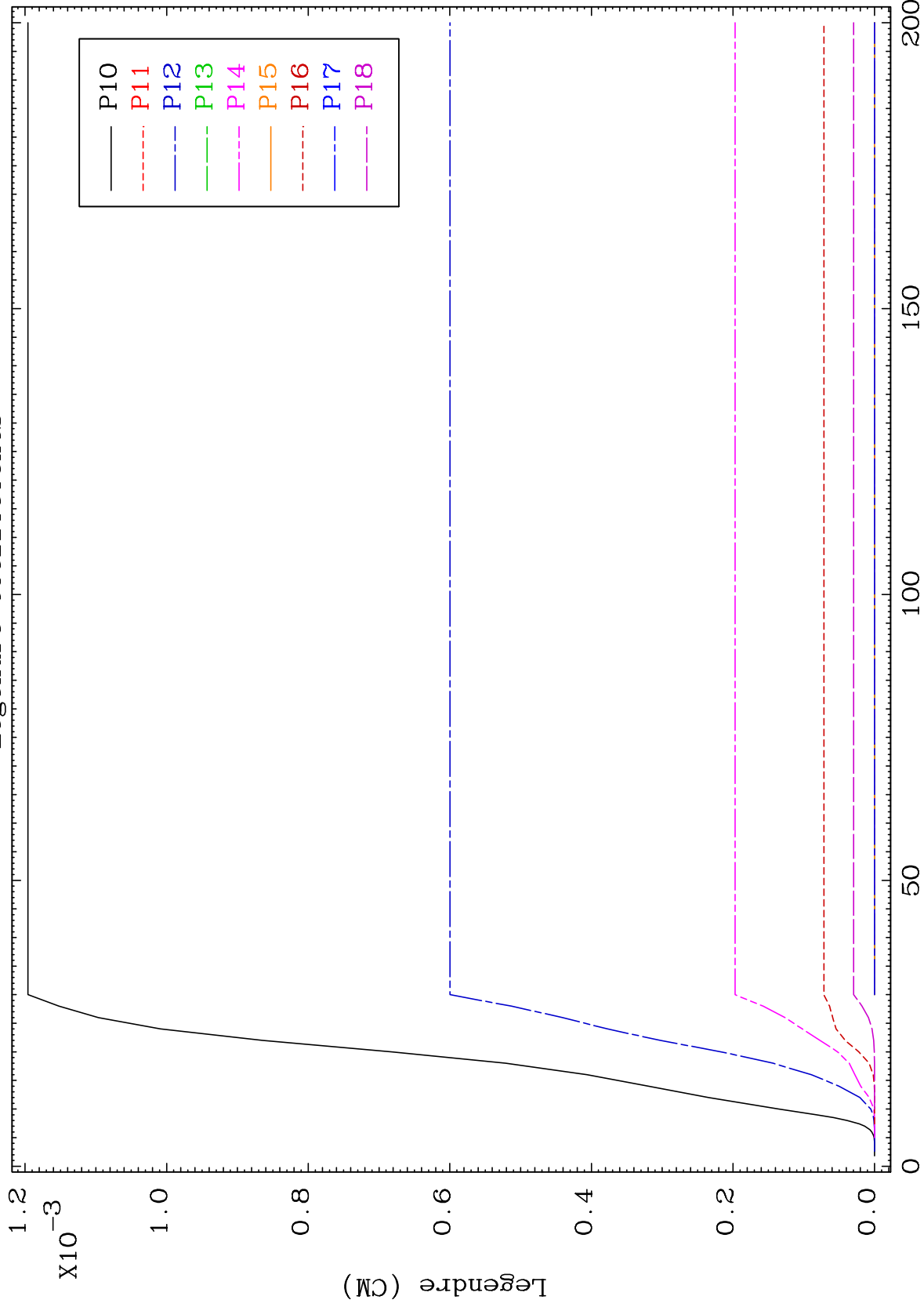


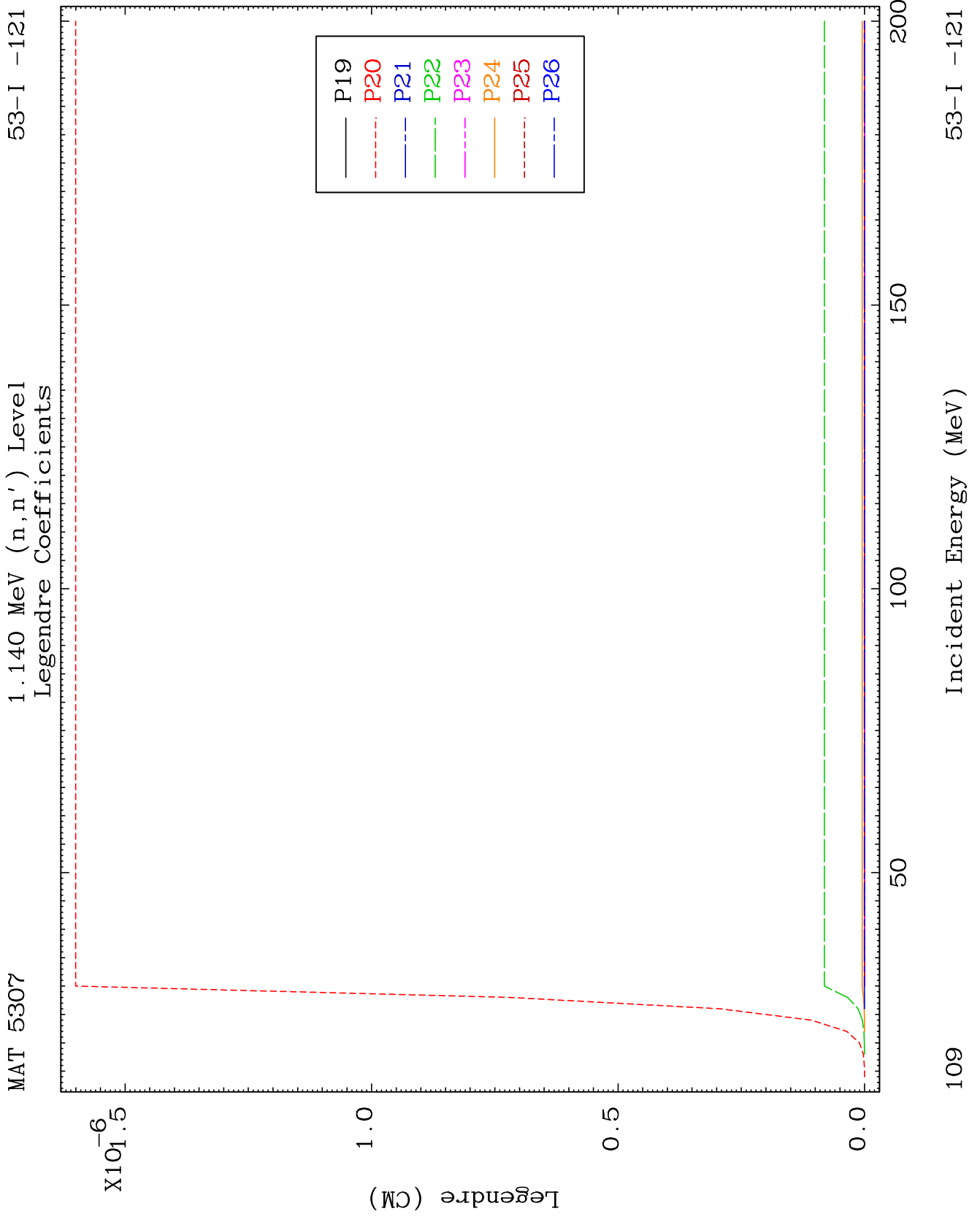
106

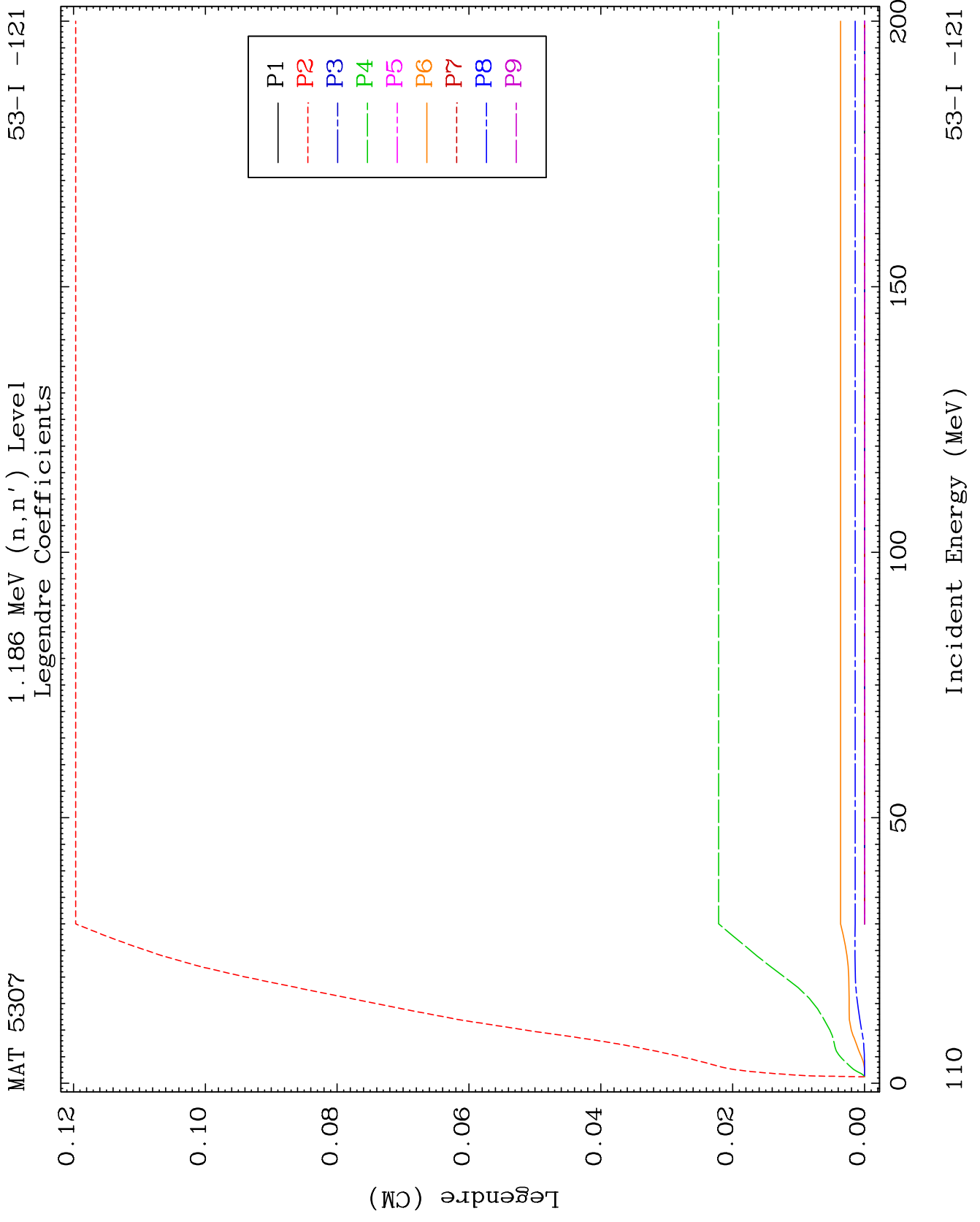
Incident Energy (MeV)

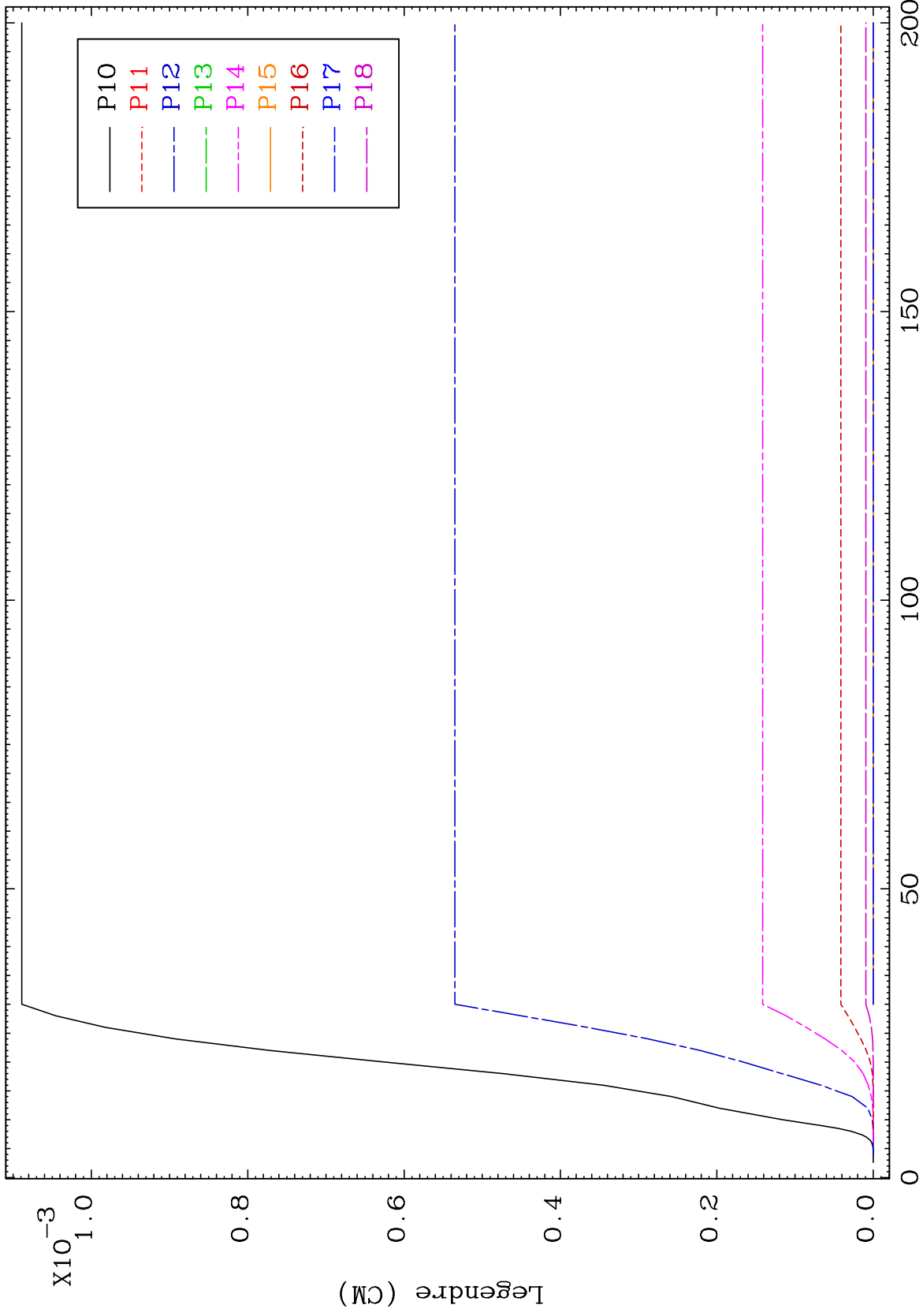
53-I -121

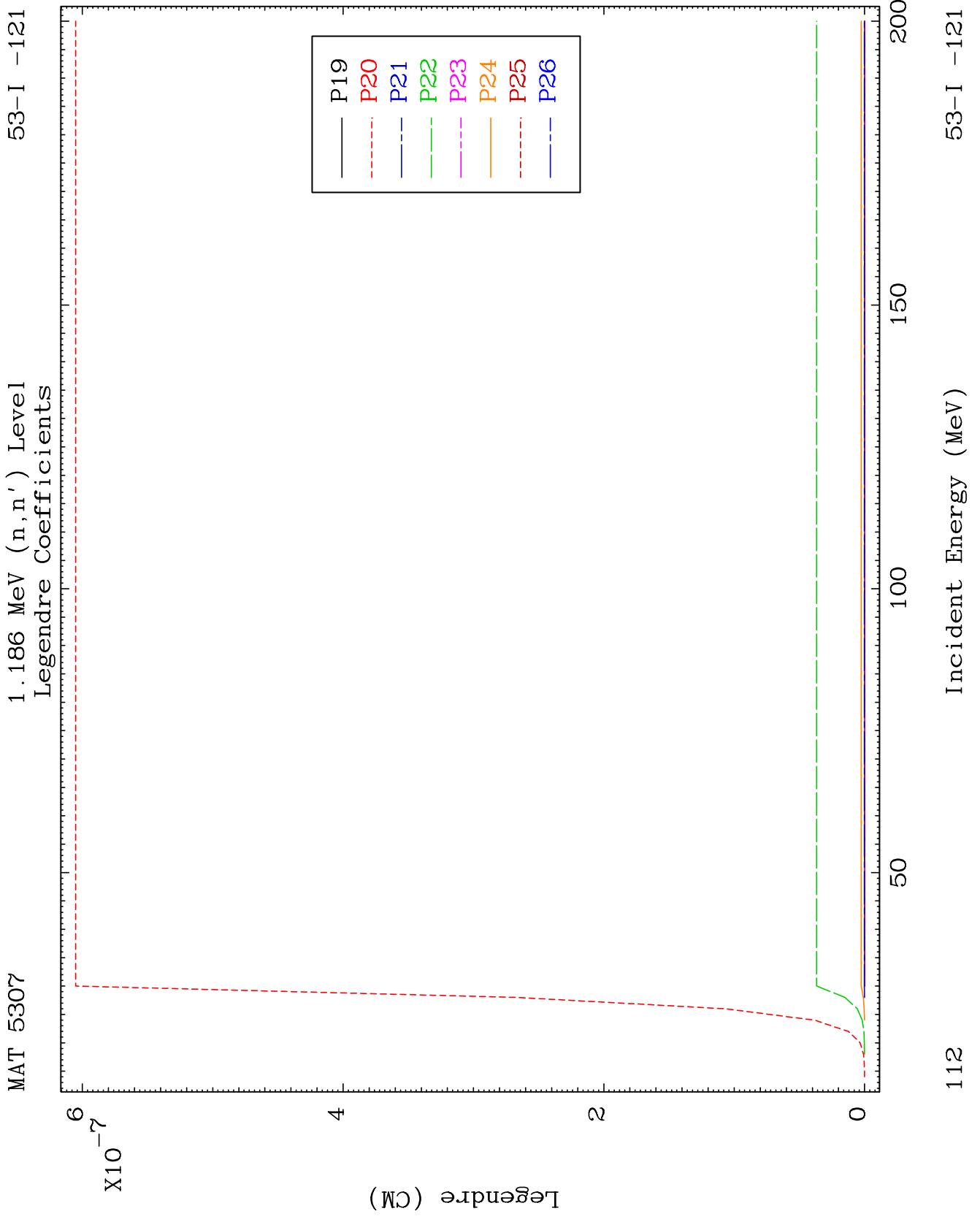








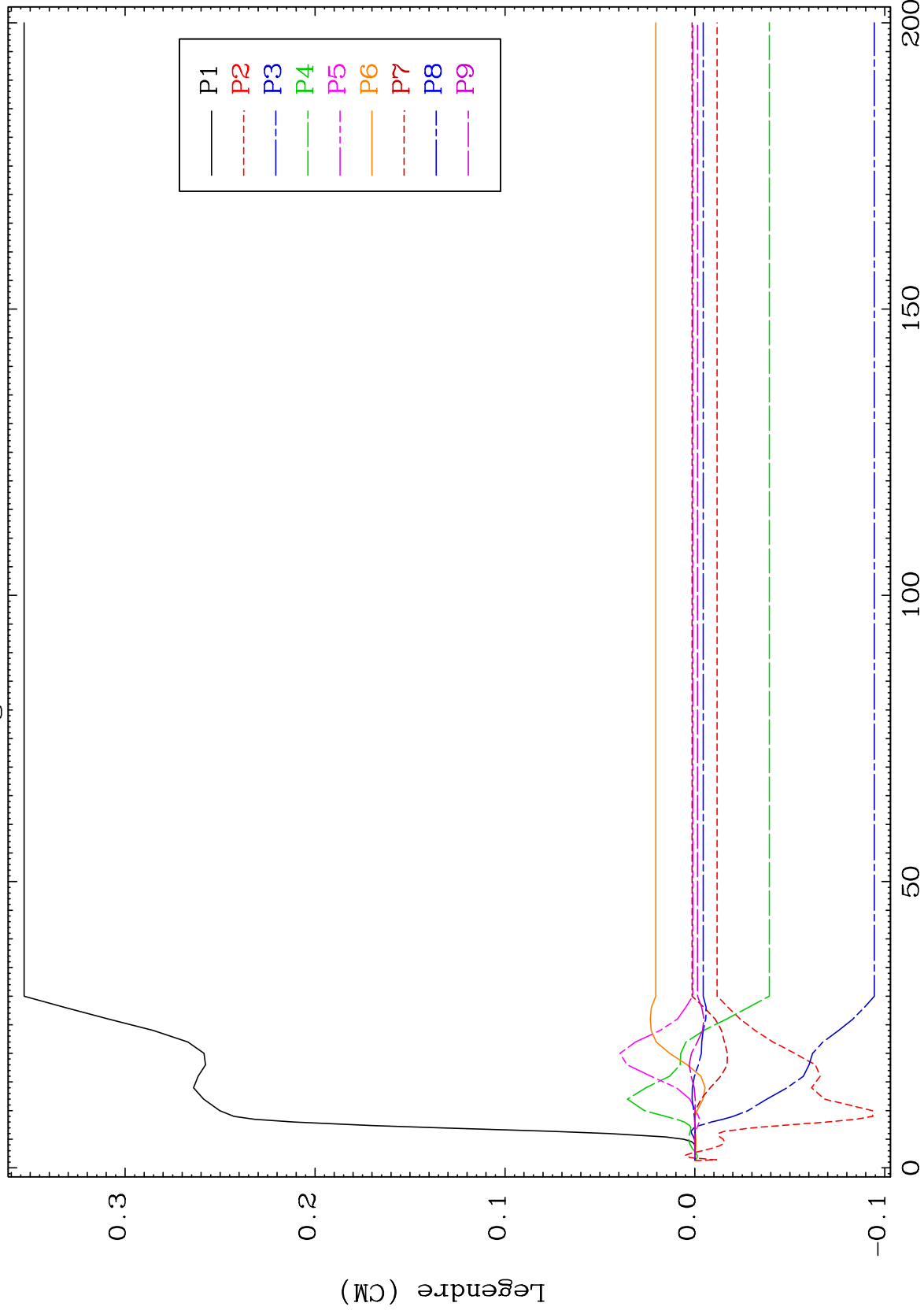




MAT 5307

1.240 MeV (n,n') Level
Legendre Coefficients

53-I -121



113

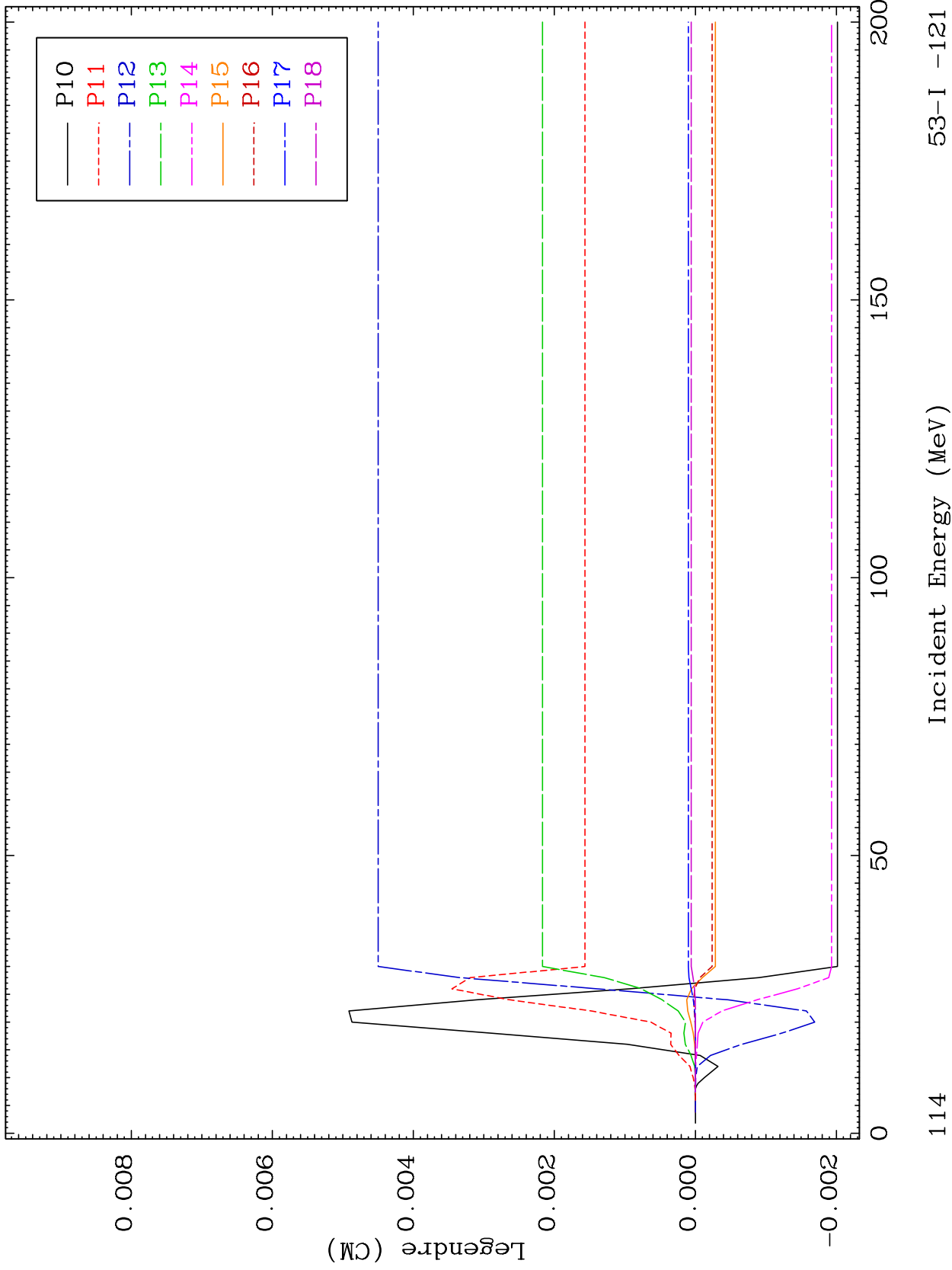
Incident Energy (MeV)

53-I -121

MAT 5307

1.240 MeV (n,n') Level
Legendre Coefficients

53-I -121



114

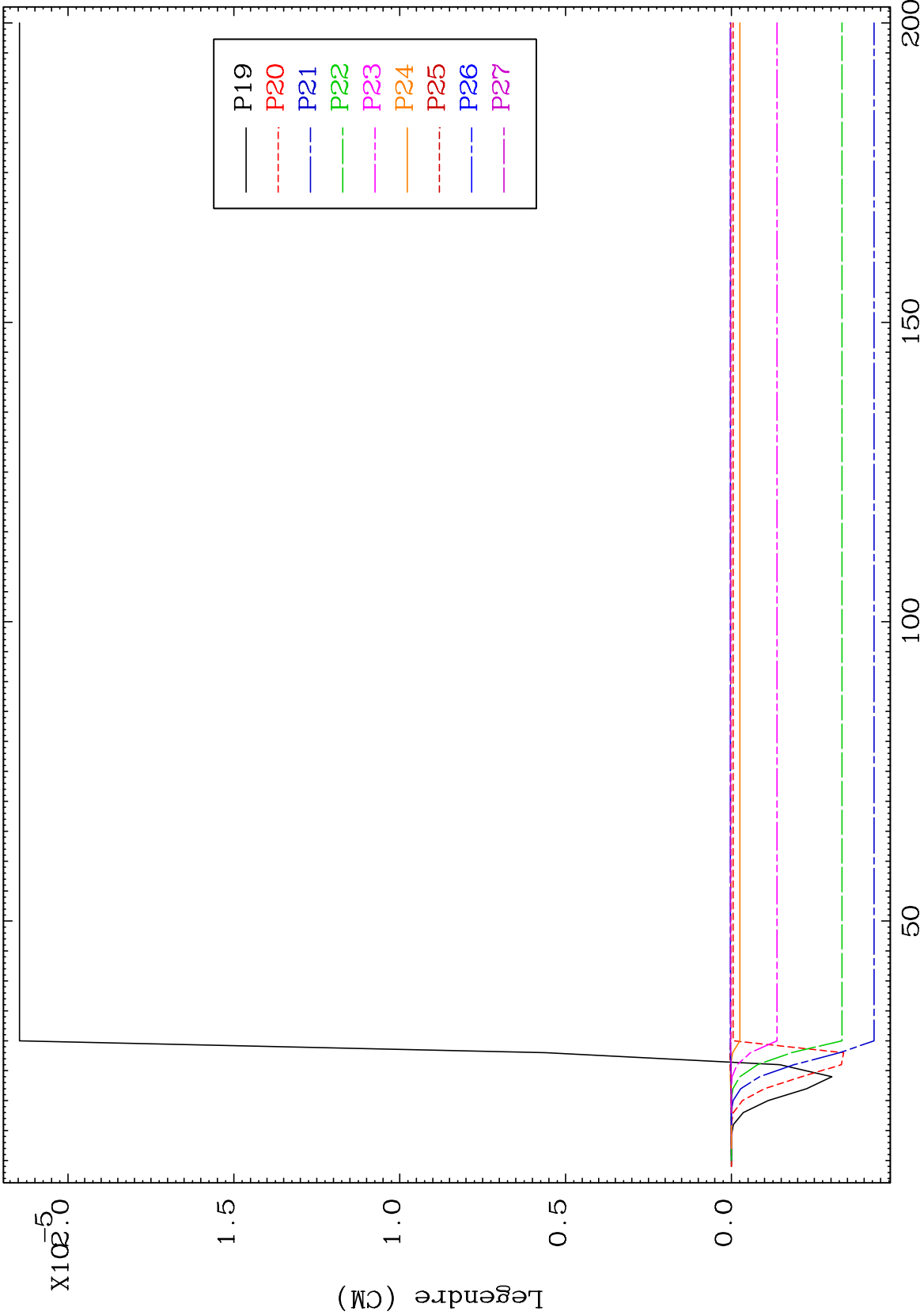
Incident Energy (MeV)

53-I -121

MAT 5307

1.240 MeV (n,n') Level
Legendre Coefficients

53-I -121



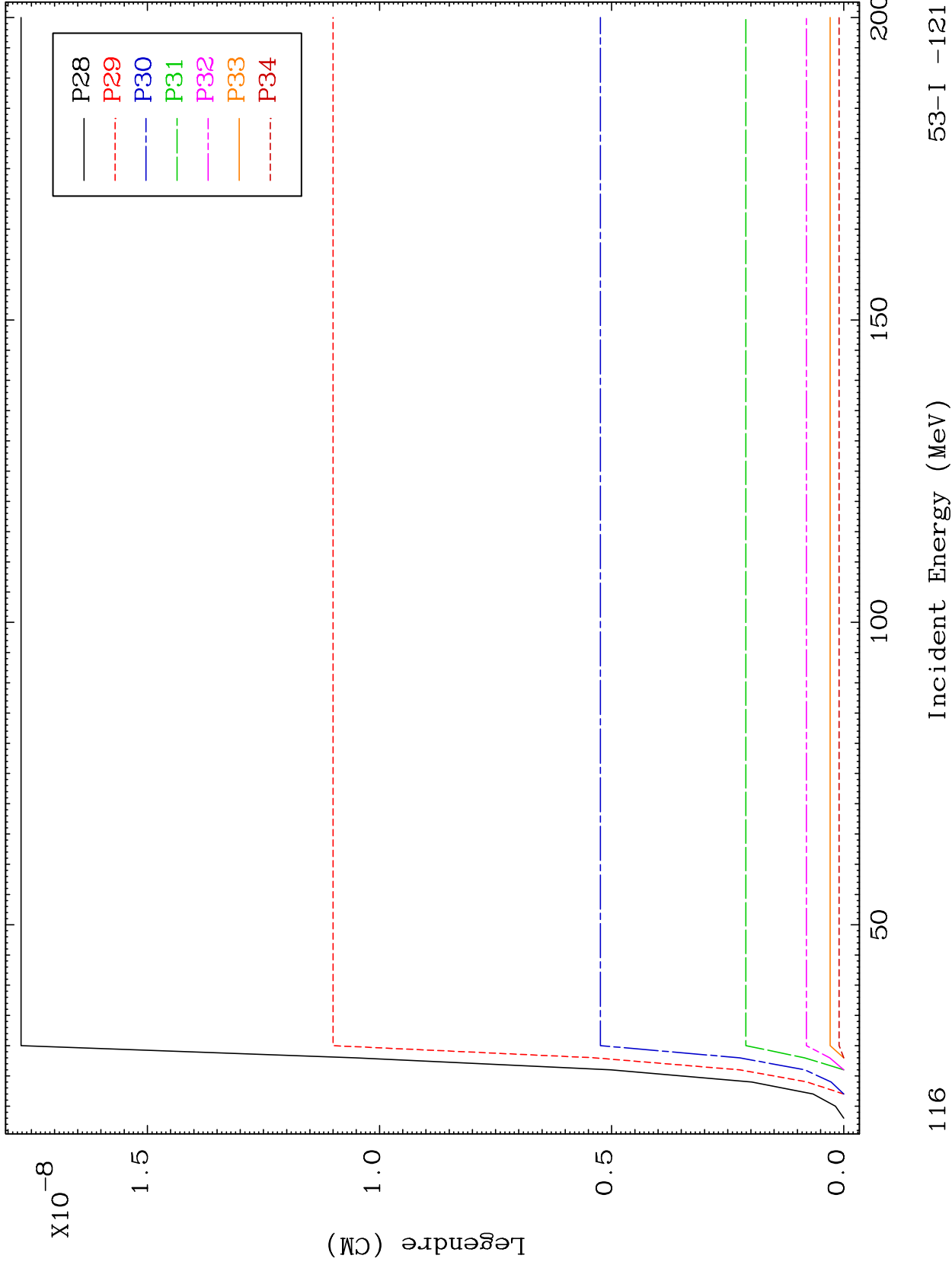
115

53-I -121

MAT 5307

1.240 MeV (n,n') Level
Legendre Coefficients

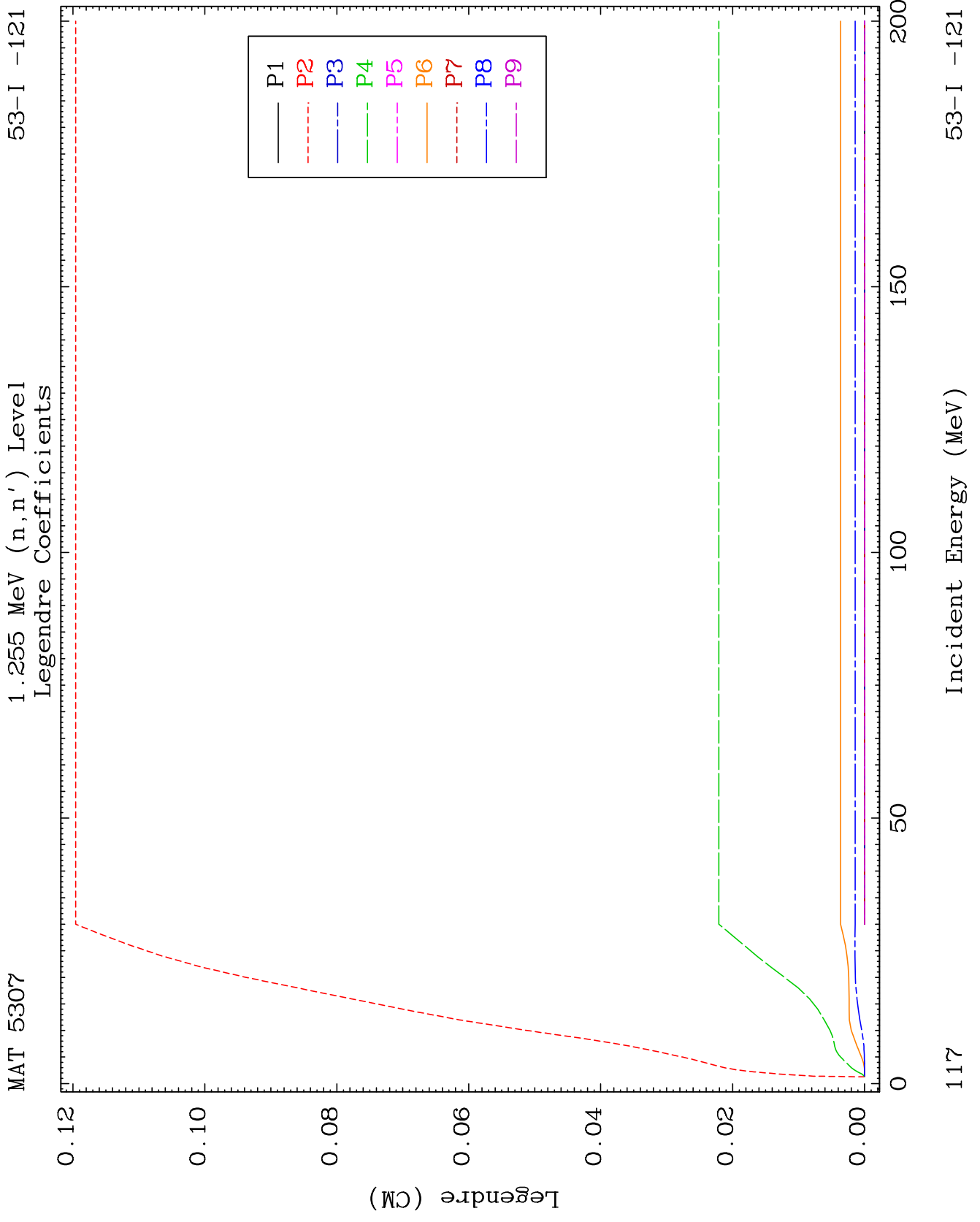
53-I -121

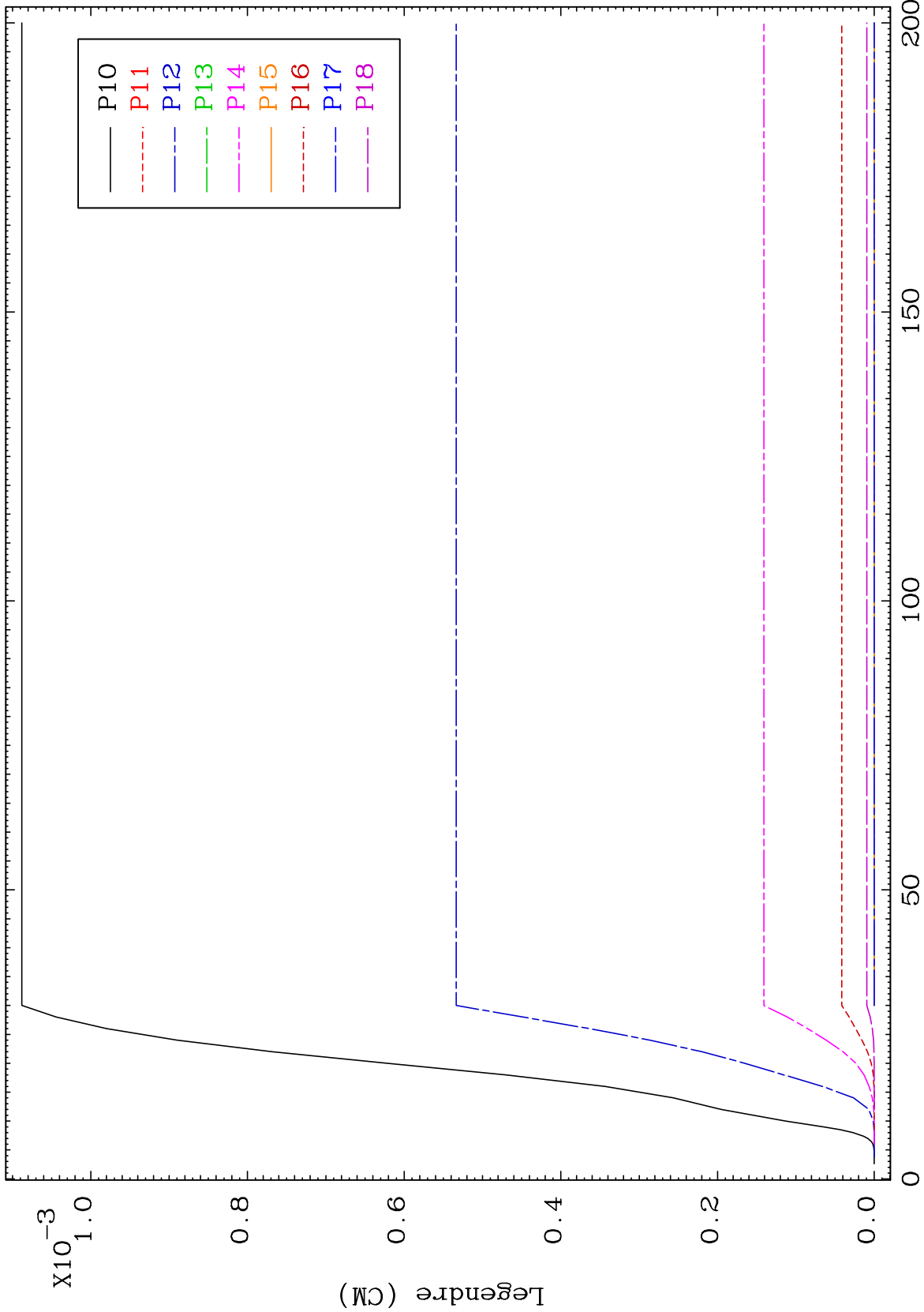


116

Incident Energy (MeV)

53-I -121

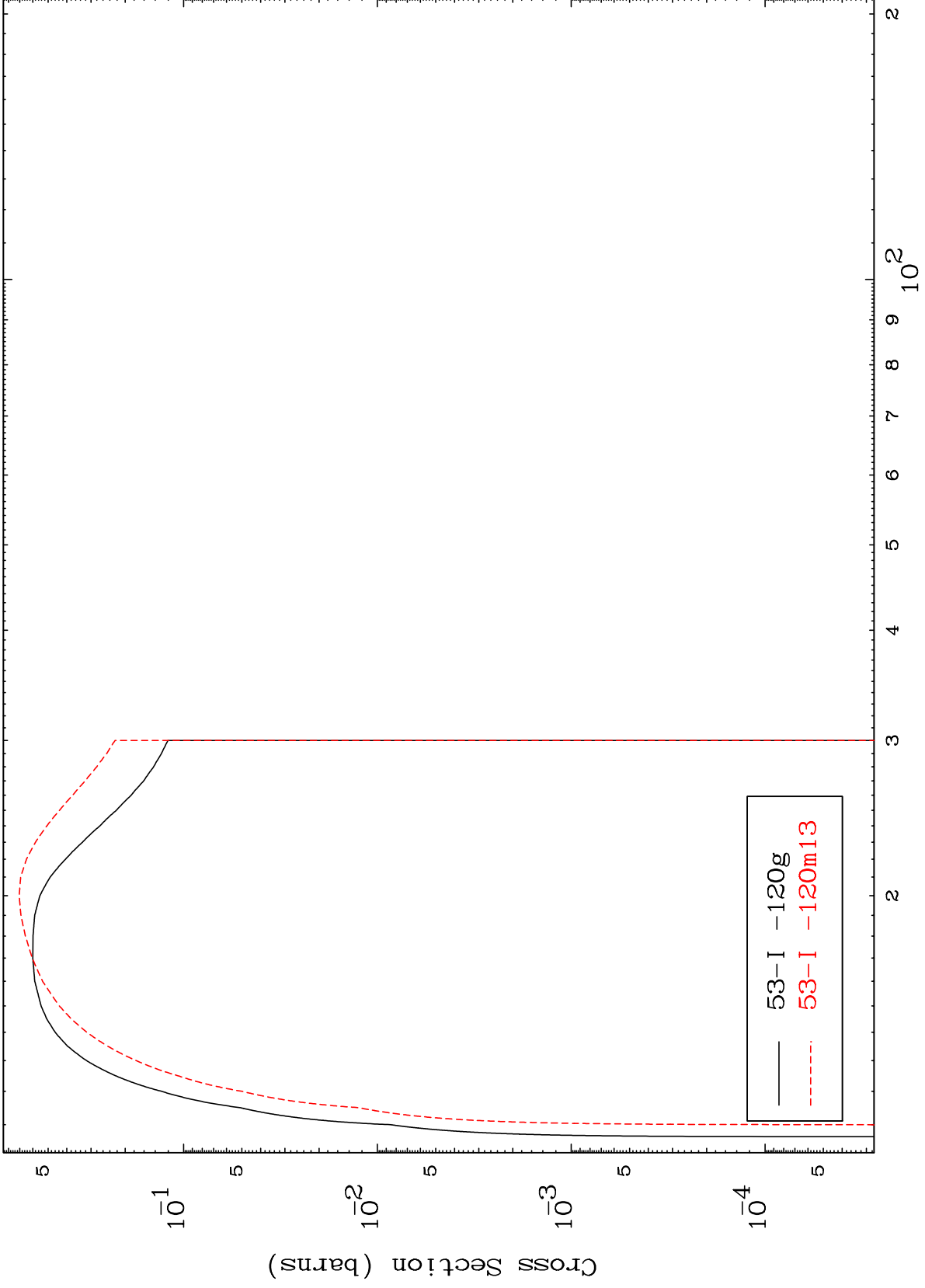




MAT 5307

53-I -121

(n,2n)
Radionuclide Production Cross Section



120

Incident Energy (MeV)

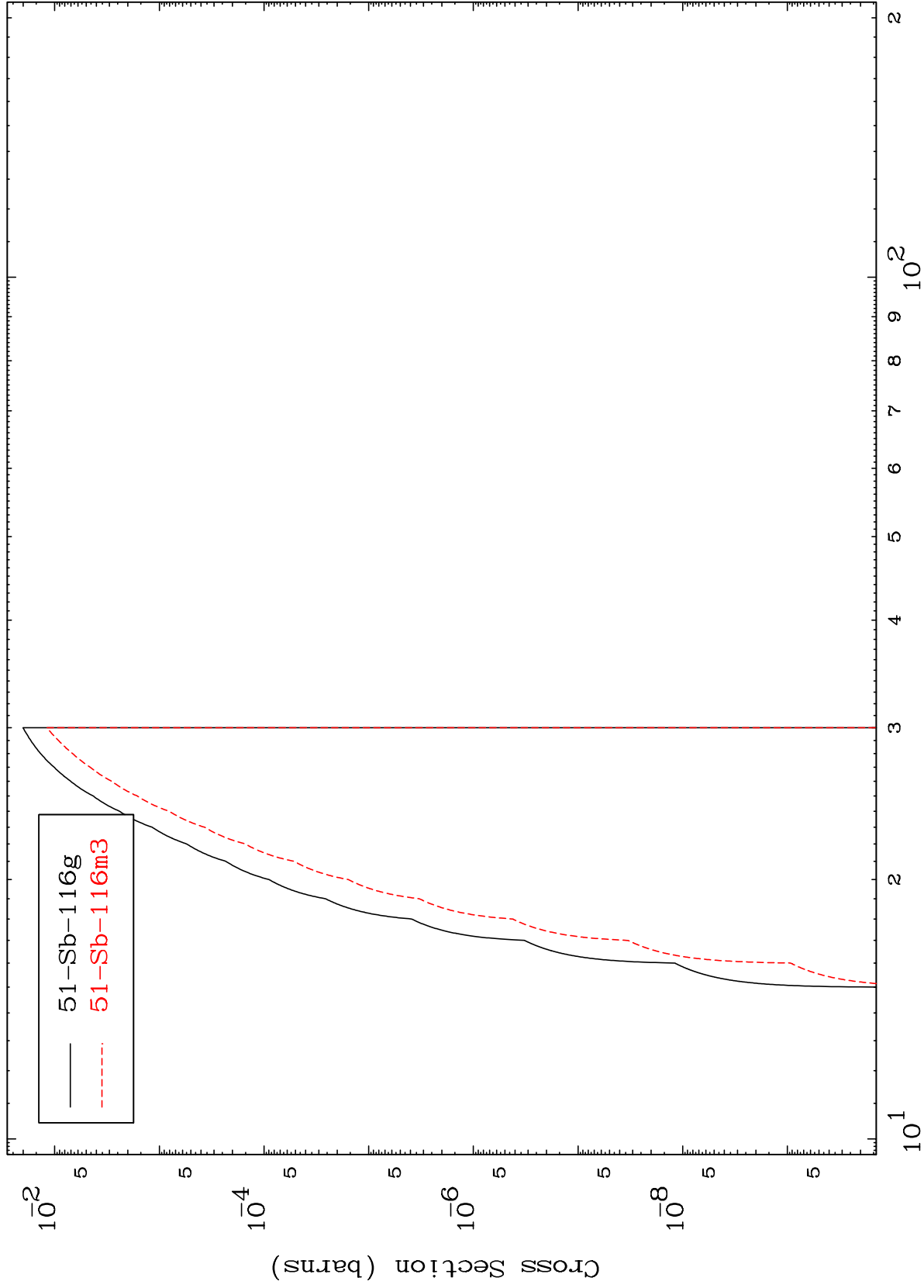
53-I -121

MAT 5307

(n,2n) α

53-I -121

Radionuclide Production Cross Section

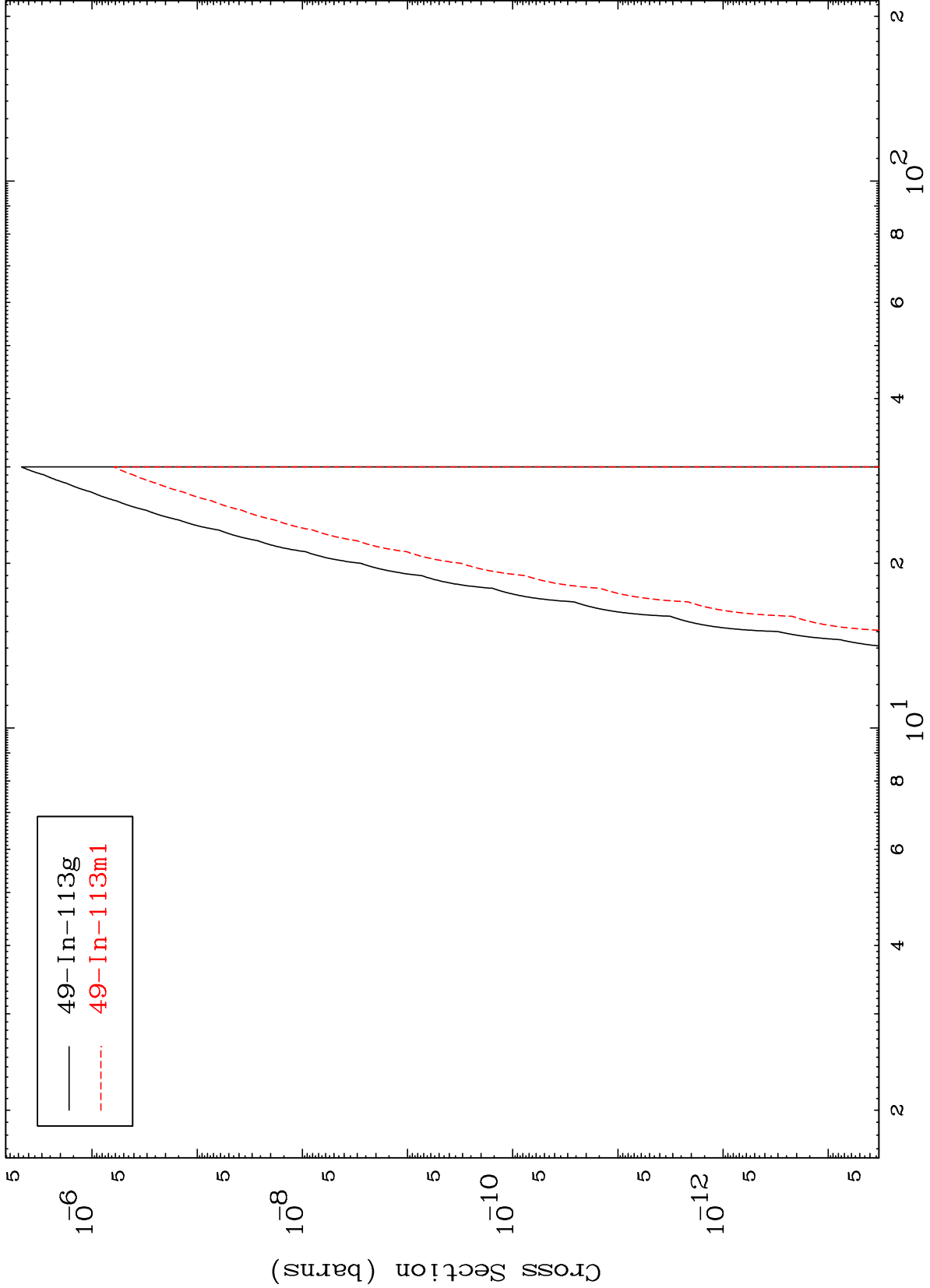


121

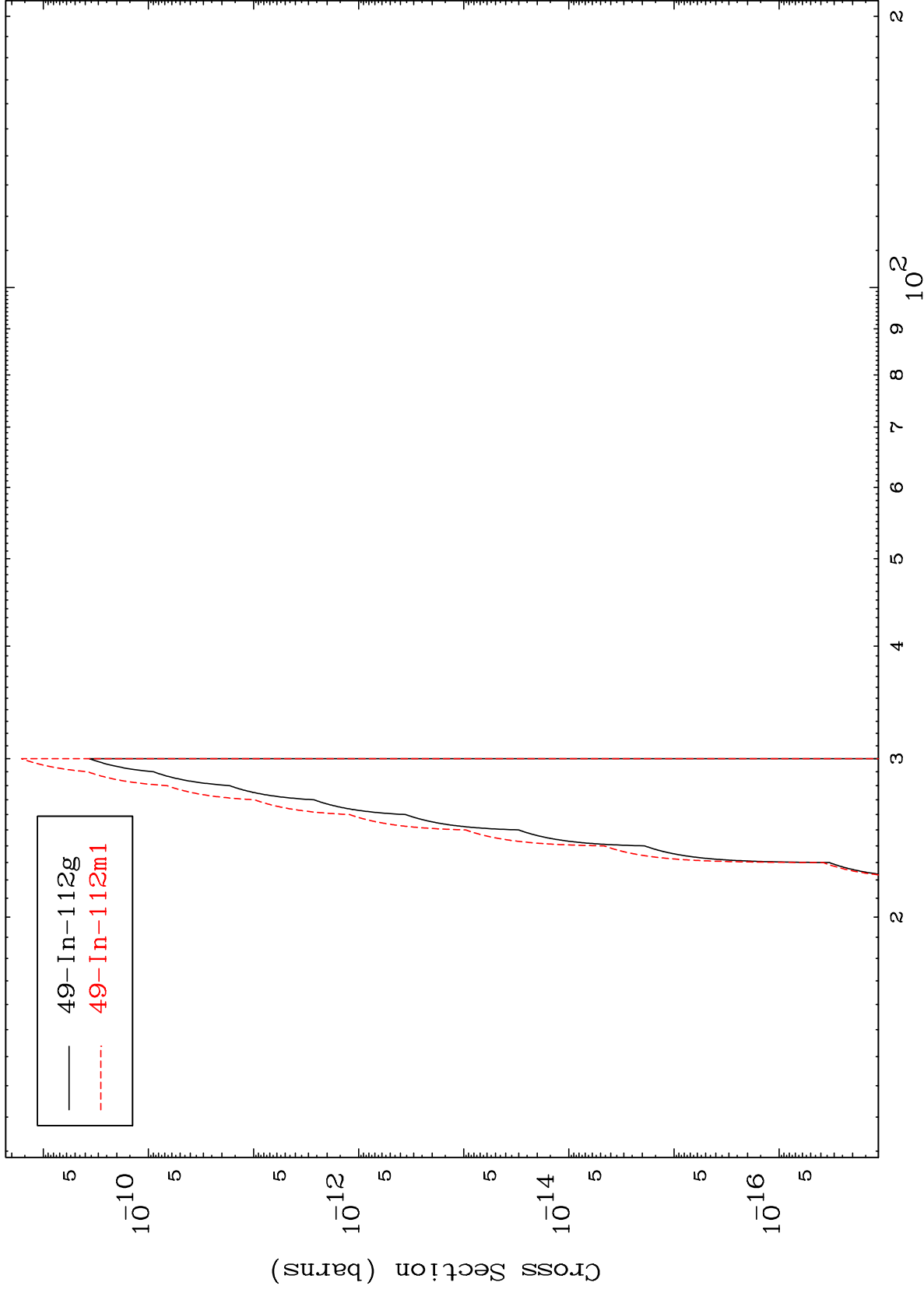
Incident Energy (MeV)

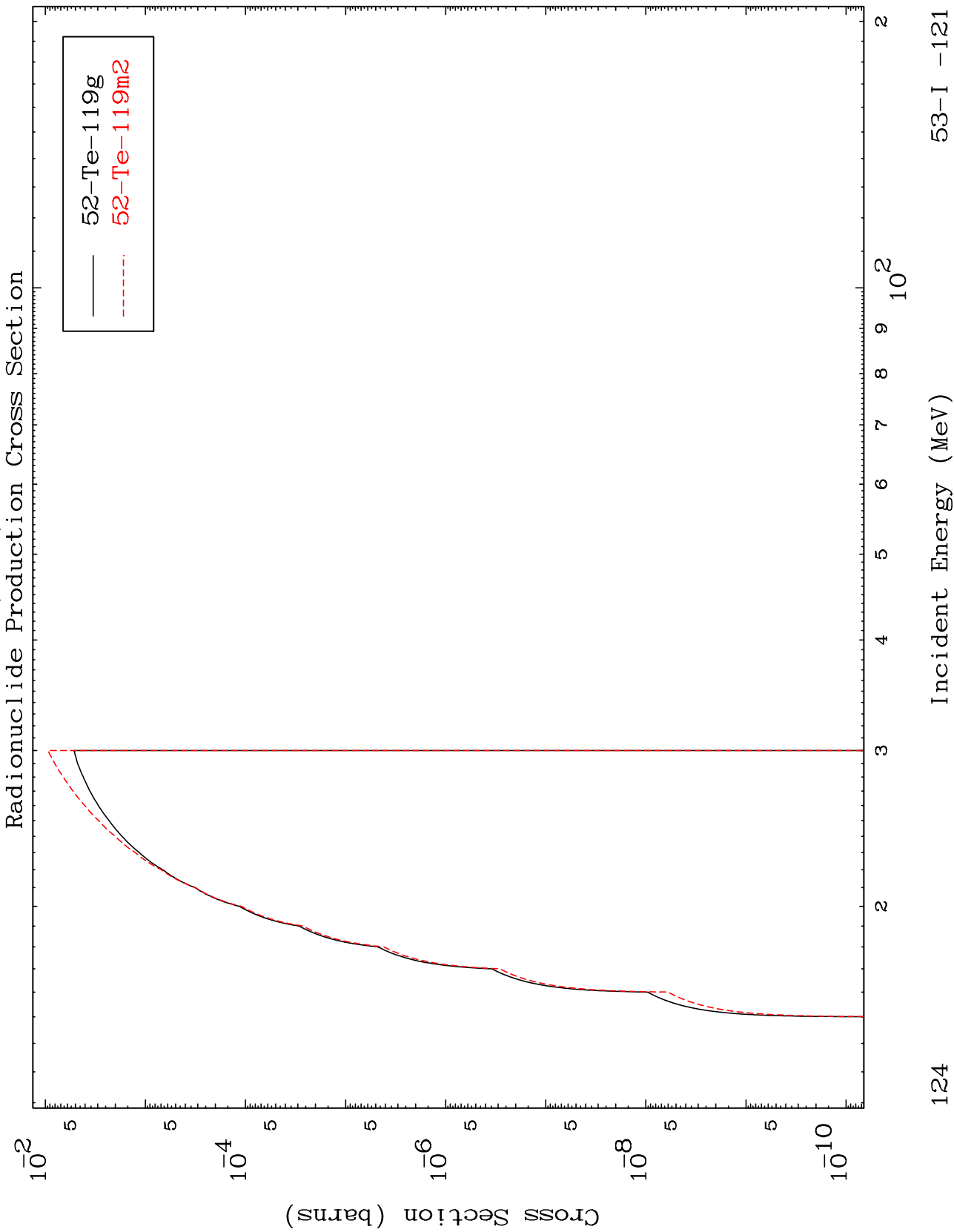
53-I -121

Radionuclide Production Cross Section



Radionuclide Production Cross Section



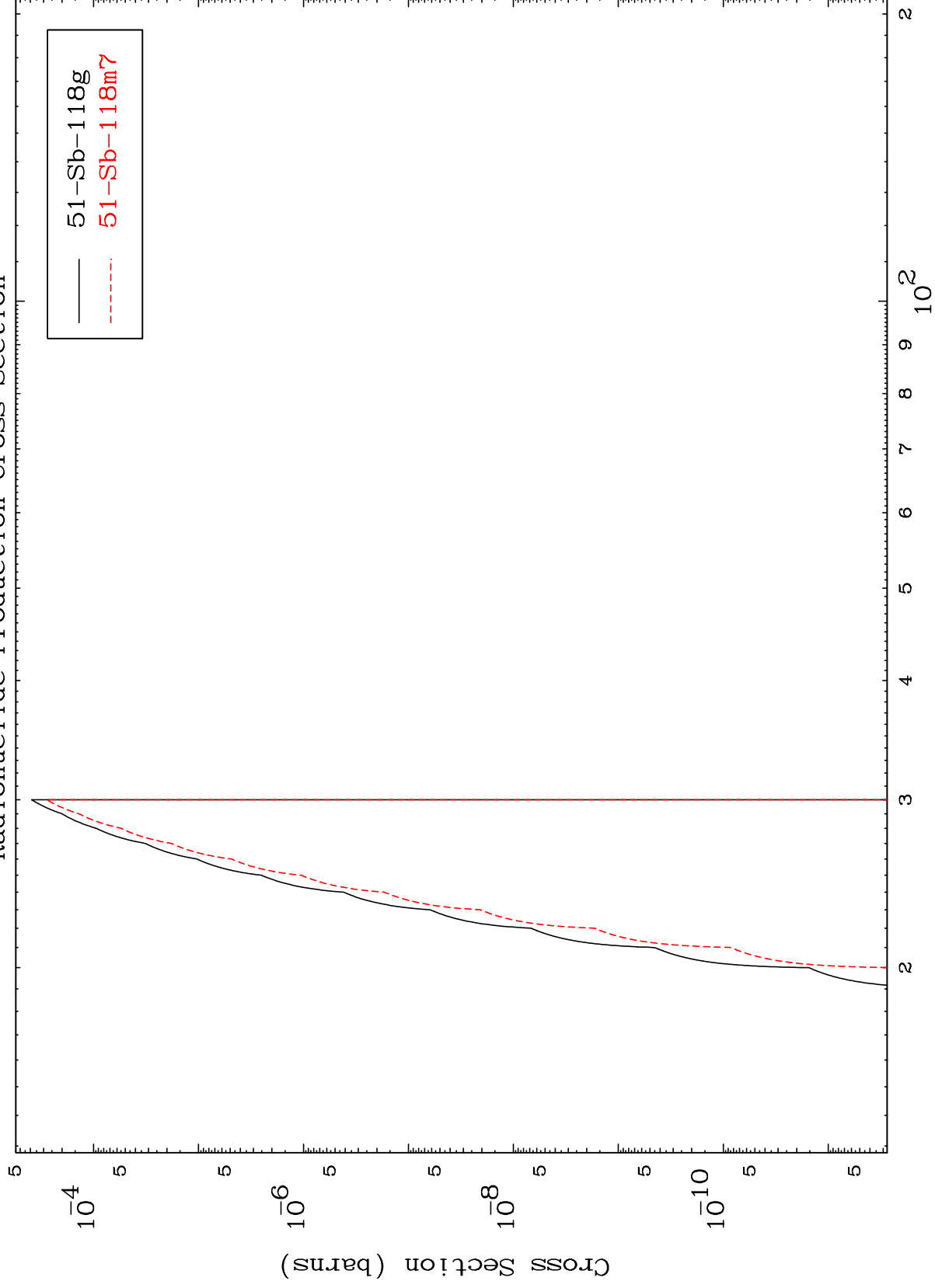


MAT 5307

(n,n') He-3

53-I -121

Radionuclide Production Cross Section

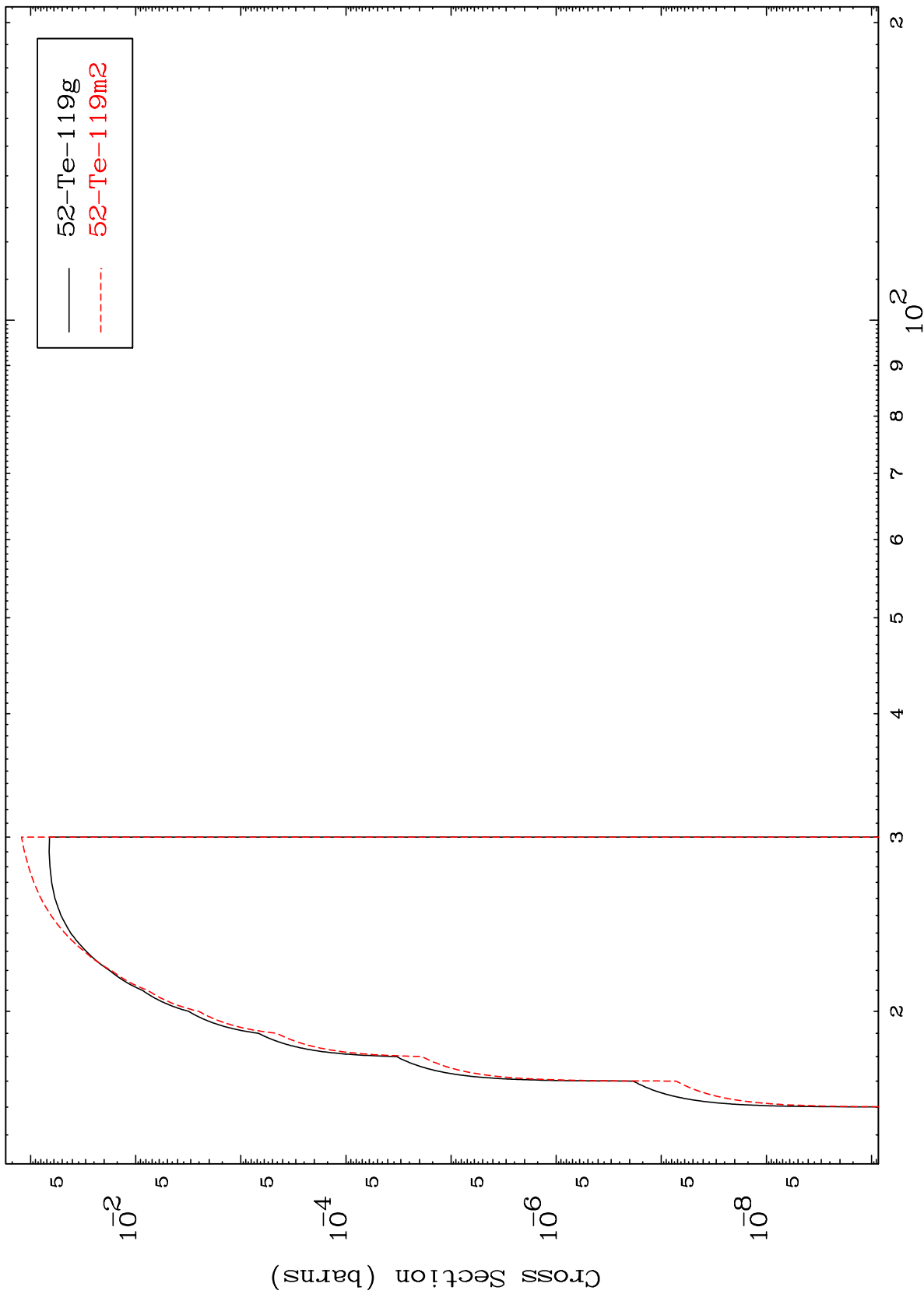


125

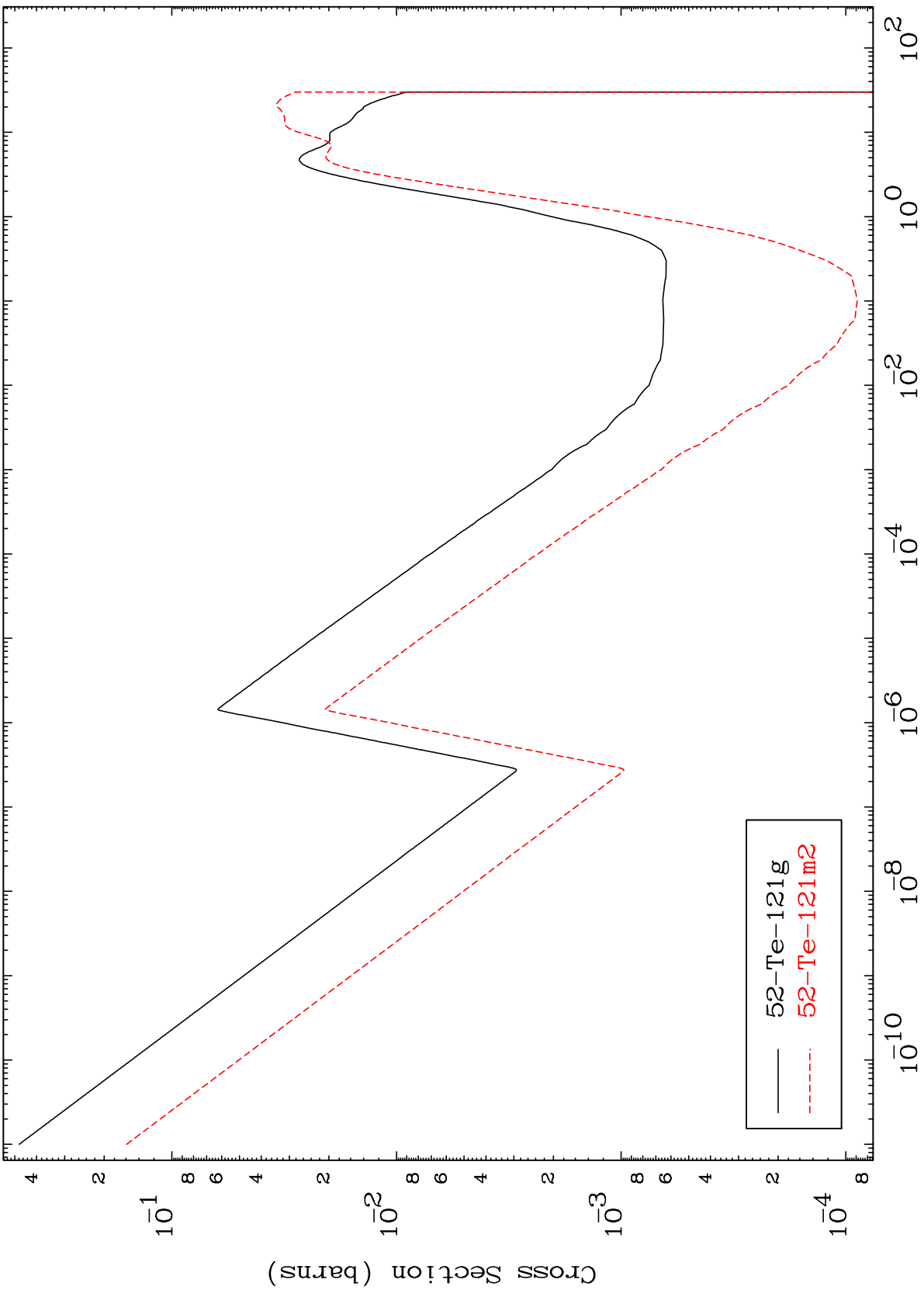
Incident Energy (MeV)

53-I -121

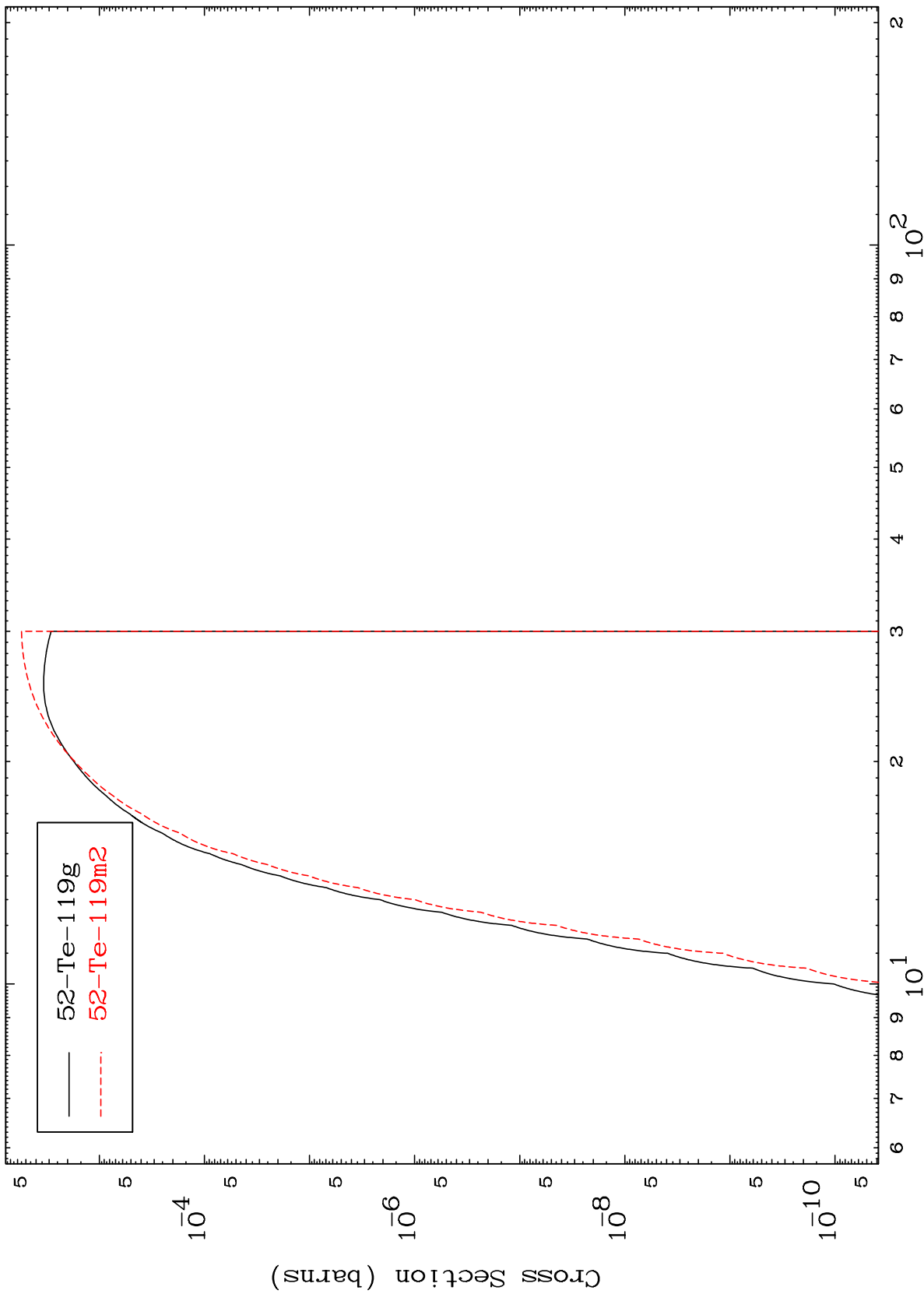
Radionuclide Production Cross Section



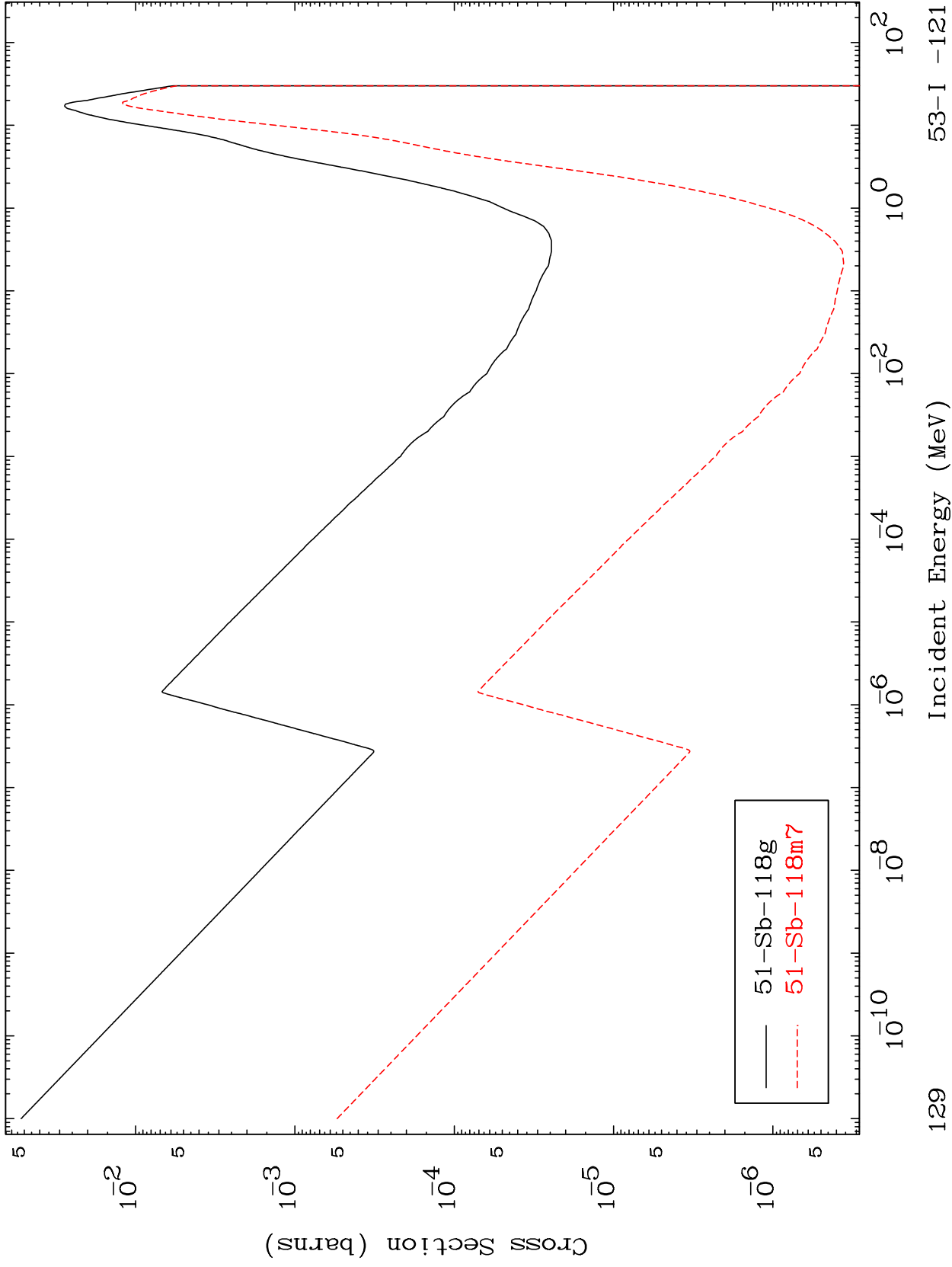
Radionuclide Production Cross Section (n,p)



(n,t)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

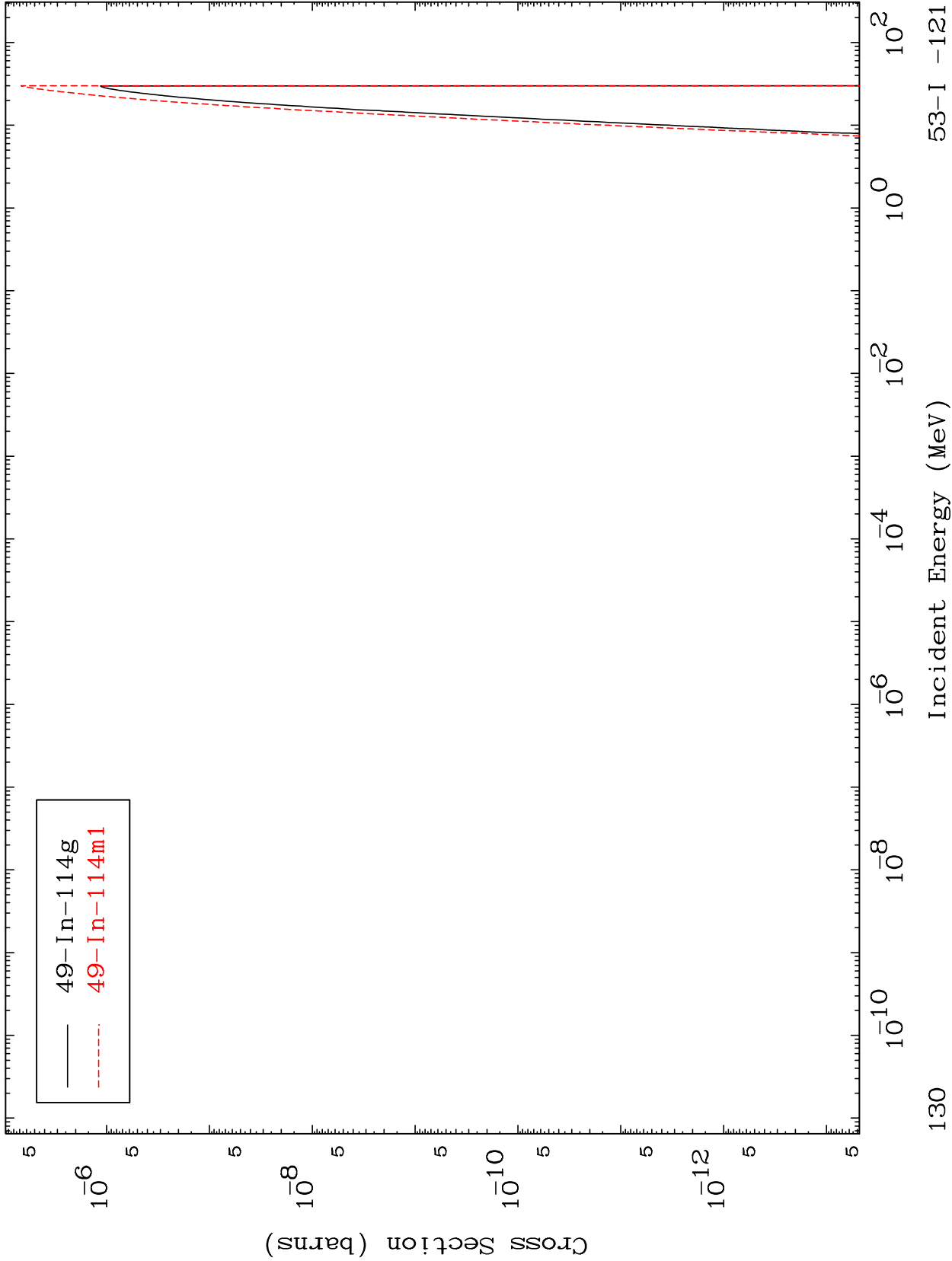


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(n,2α)

53-I -121

Radionuclide Production Cross Section

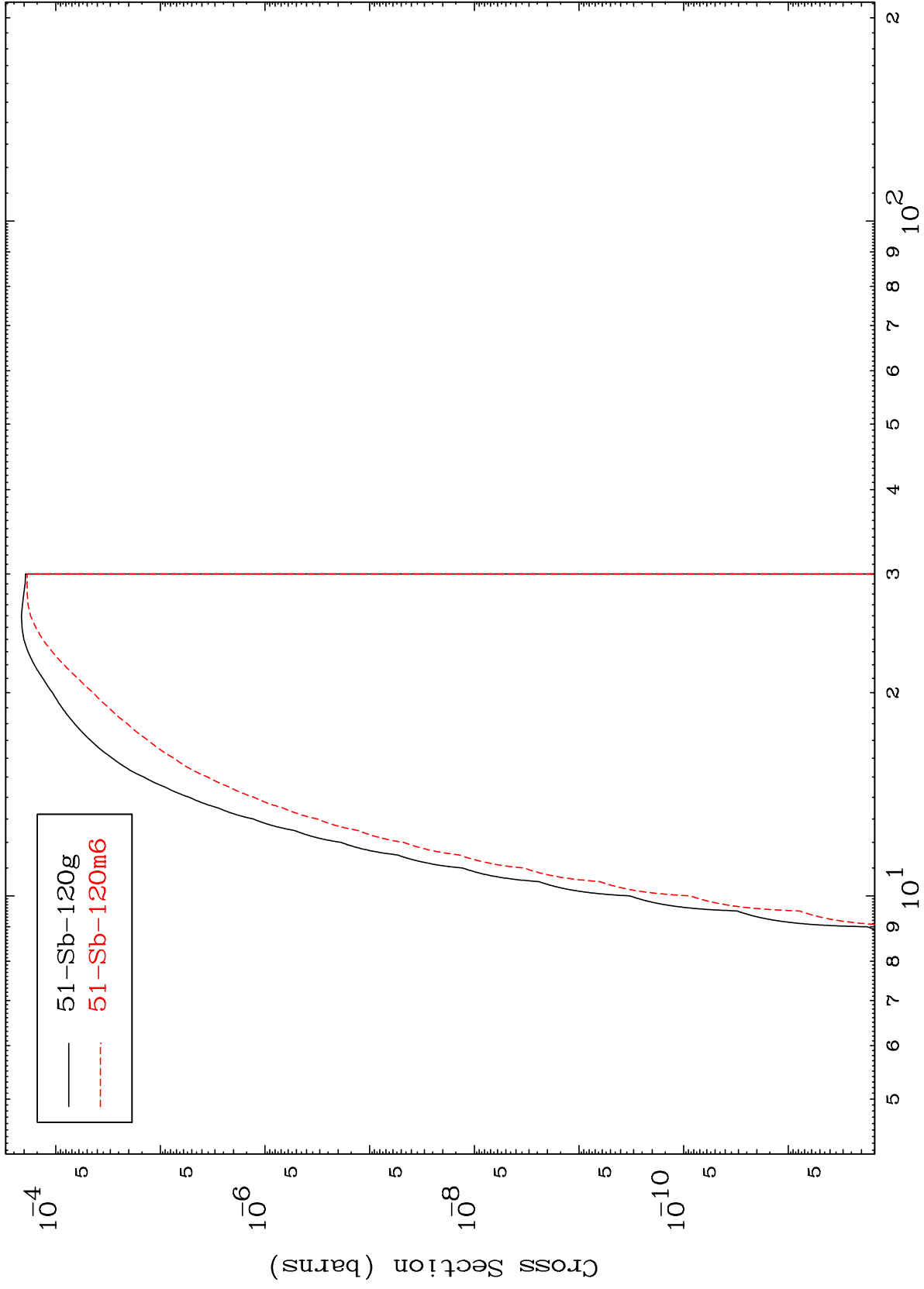


— 49-In-114g
- - - 49-In-114m1

MAT 5307

53-I -121

(n,2p)
Radionuclide Production Cross Section



131

53-I -121

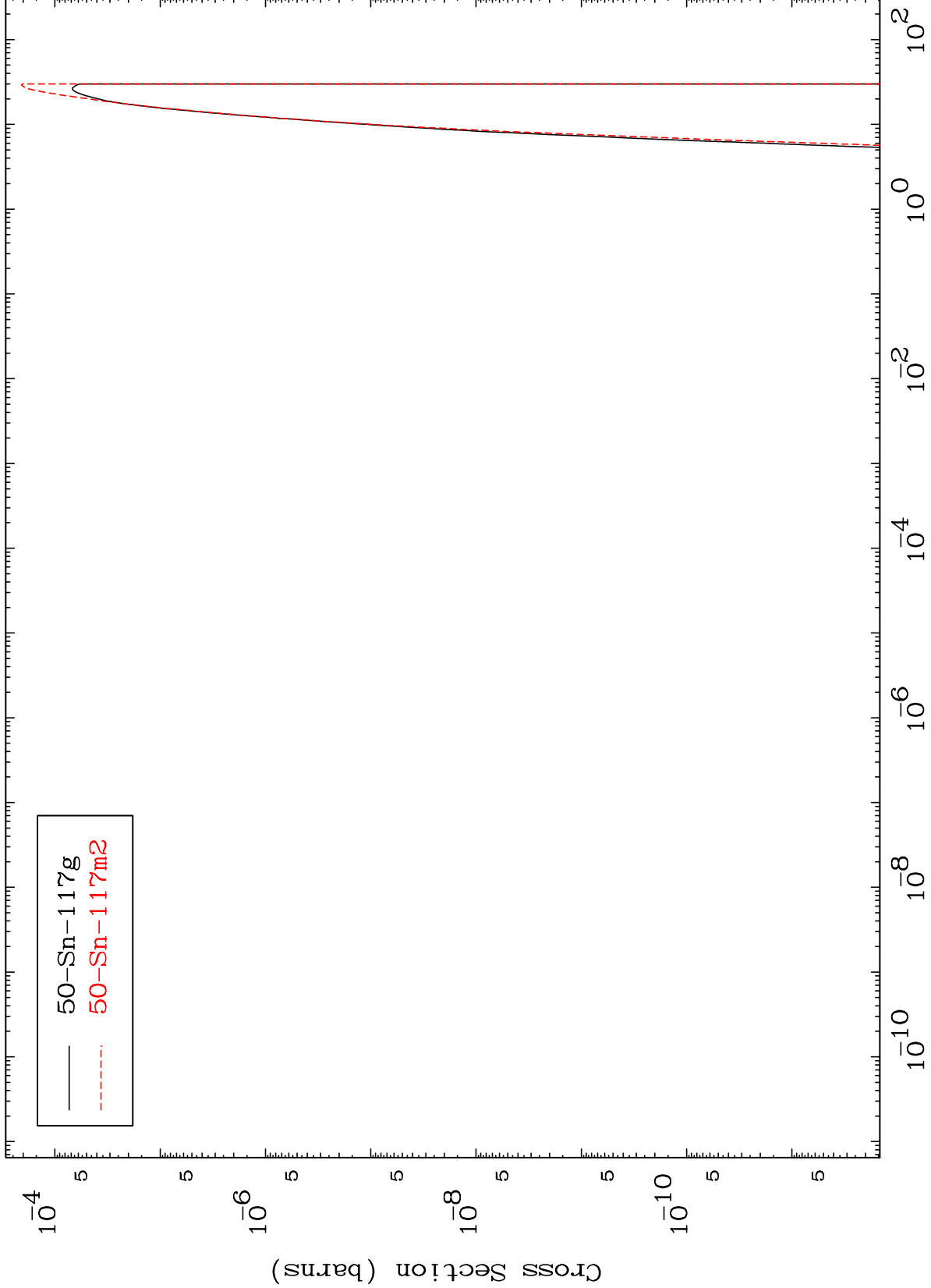
Incident Energy (MeV)

MAT 5307

(n,p) α

53-I -121

Radionuclide Production Cross Section



Radionuclide Production Cross Section

