

Program EVALPLOT
(Version 2018-1)

by

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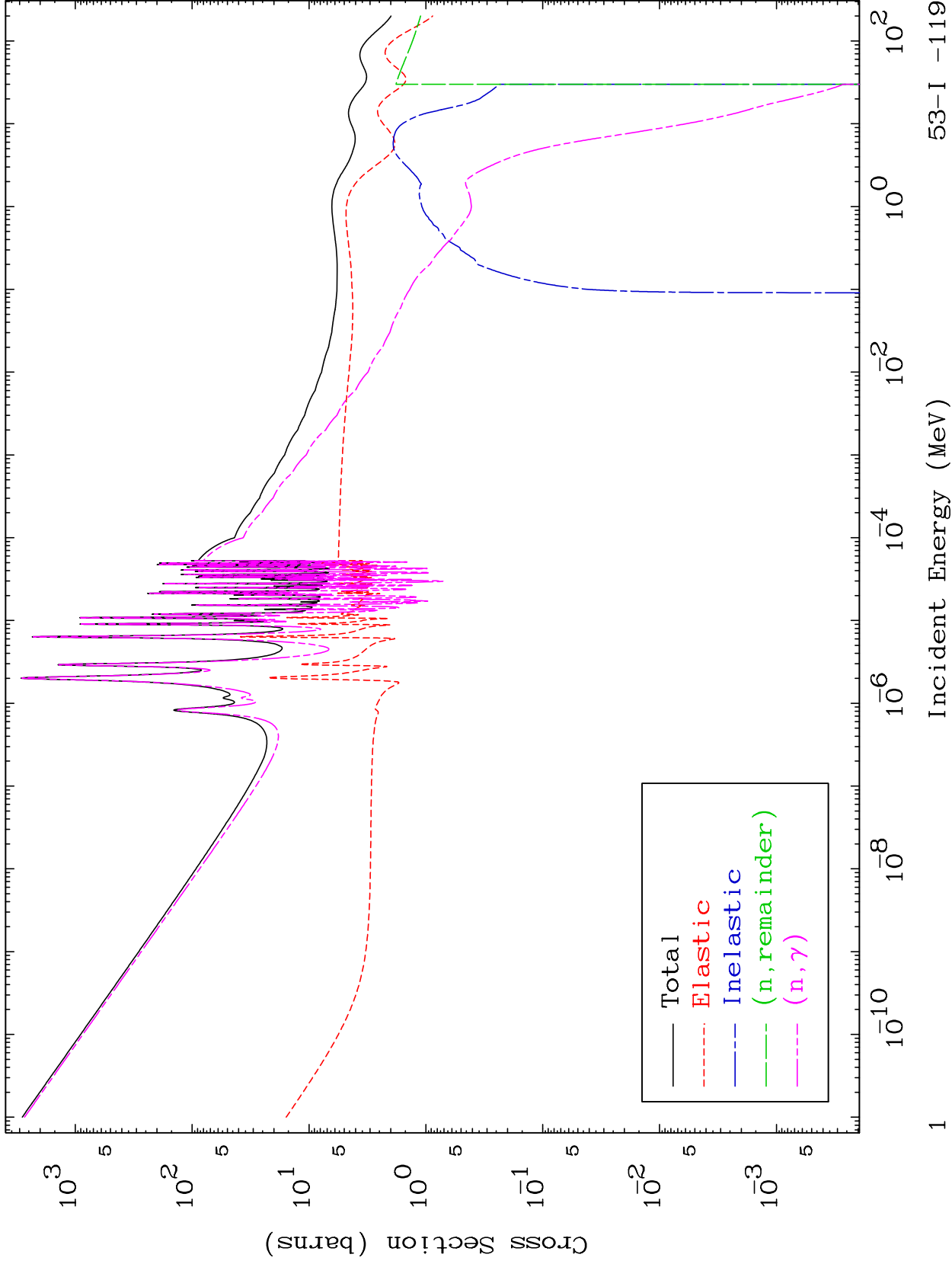
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Press Mouse Button to Start

MAT 5301

Major
293 Kelvin Cross Sections

53-I -119

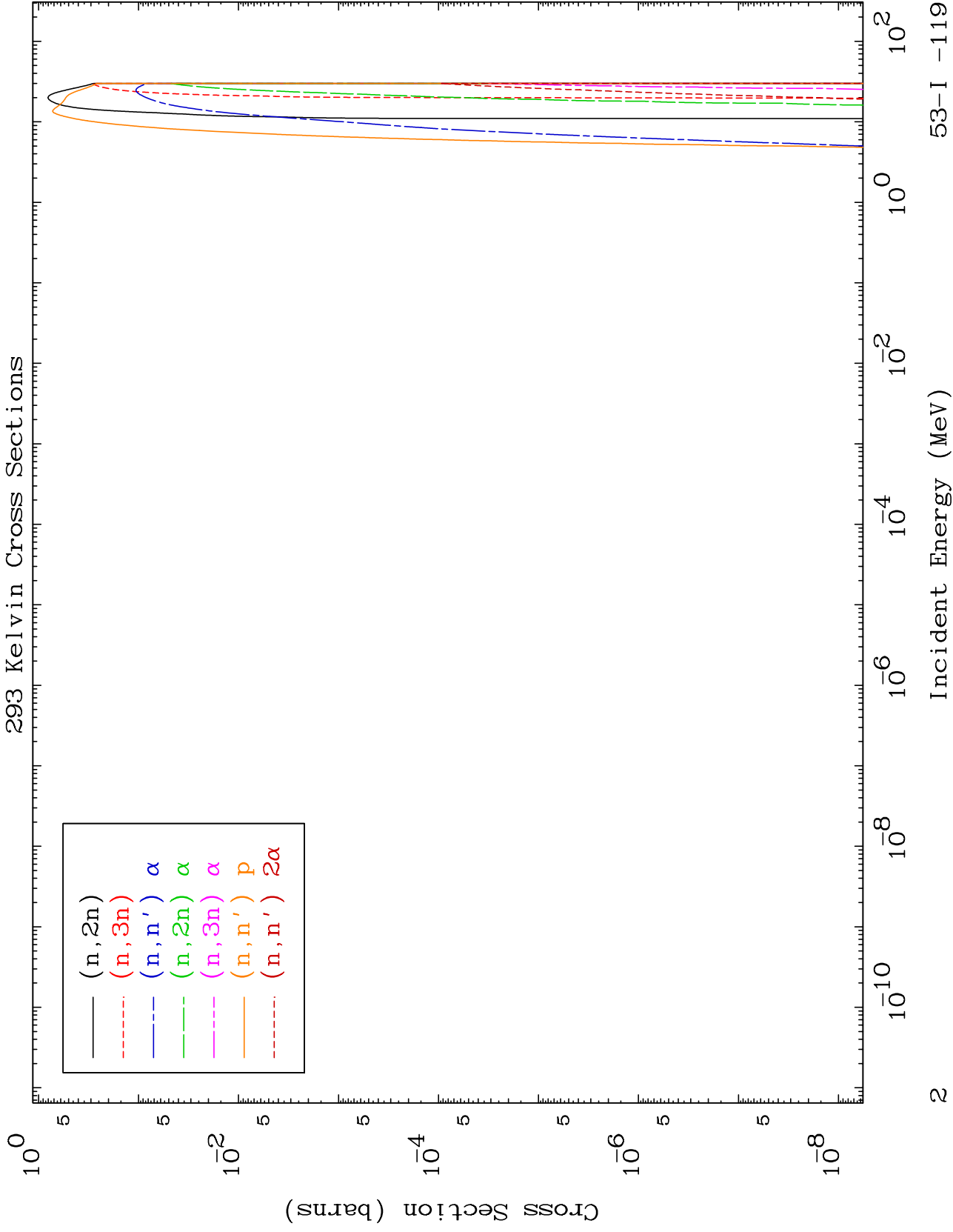


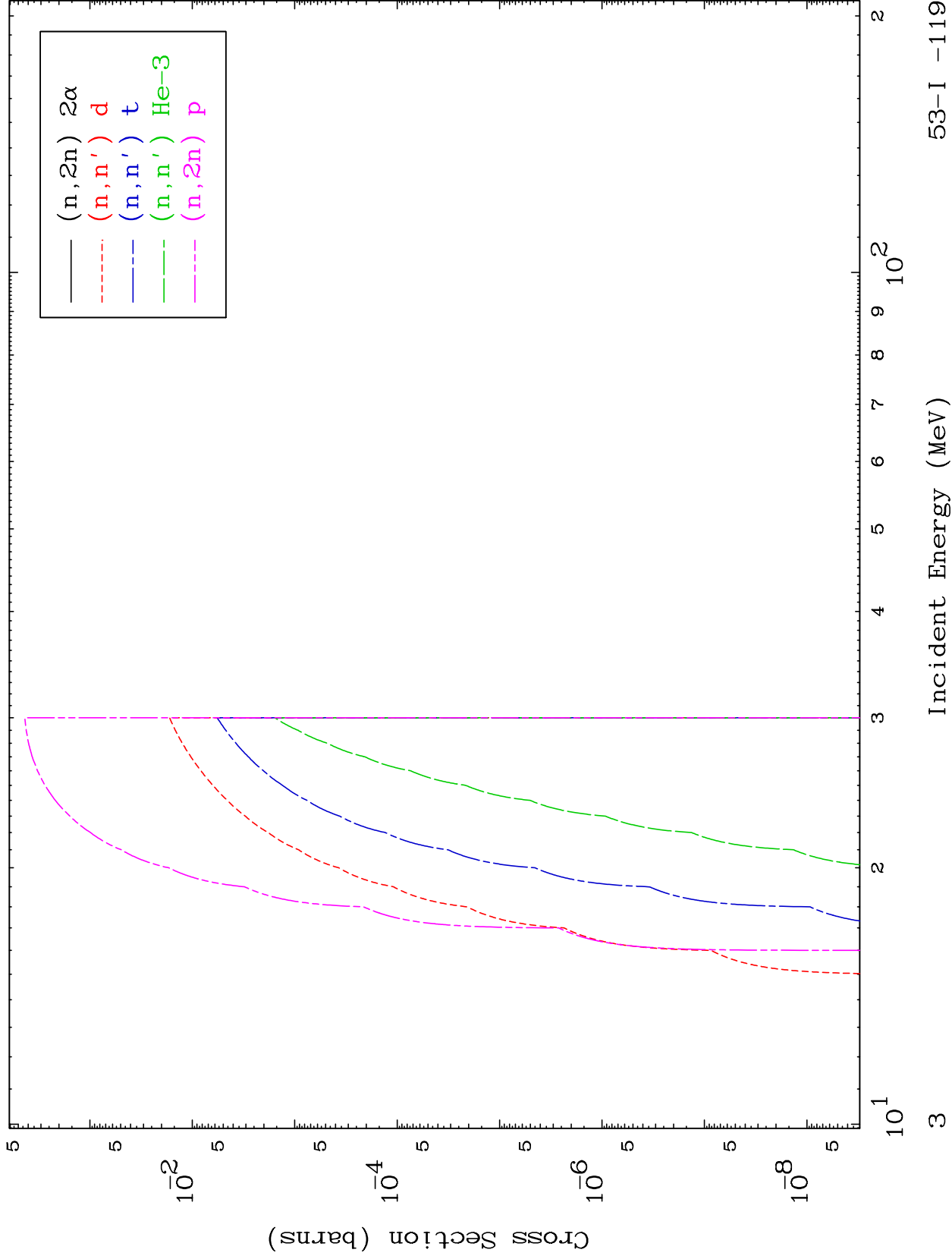
1

MAT 5301

Neutron Production
293 Kelvin Cross Sections

53-I -119

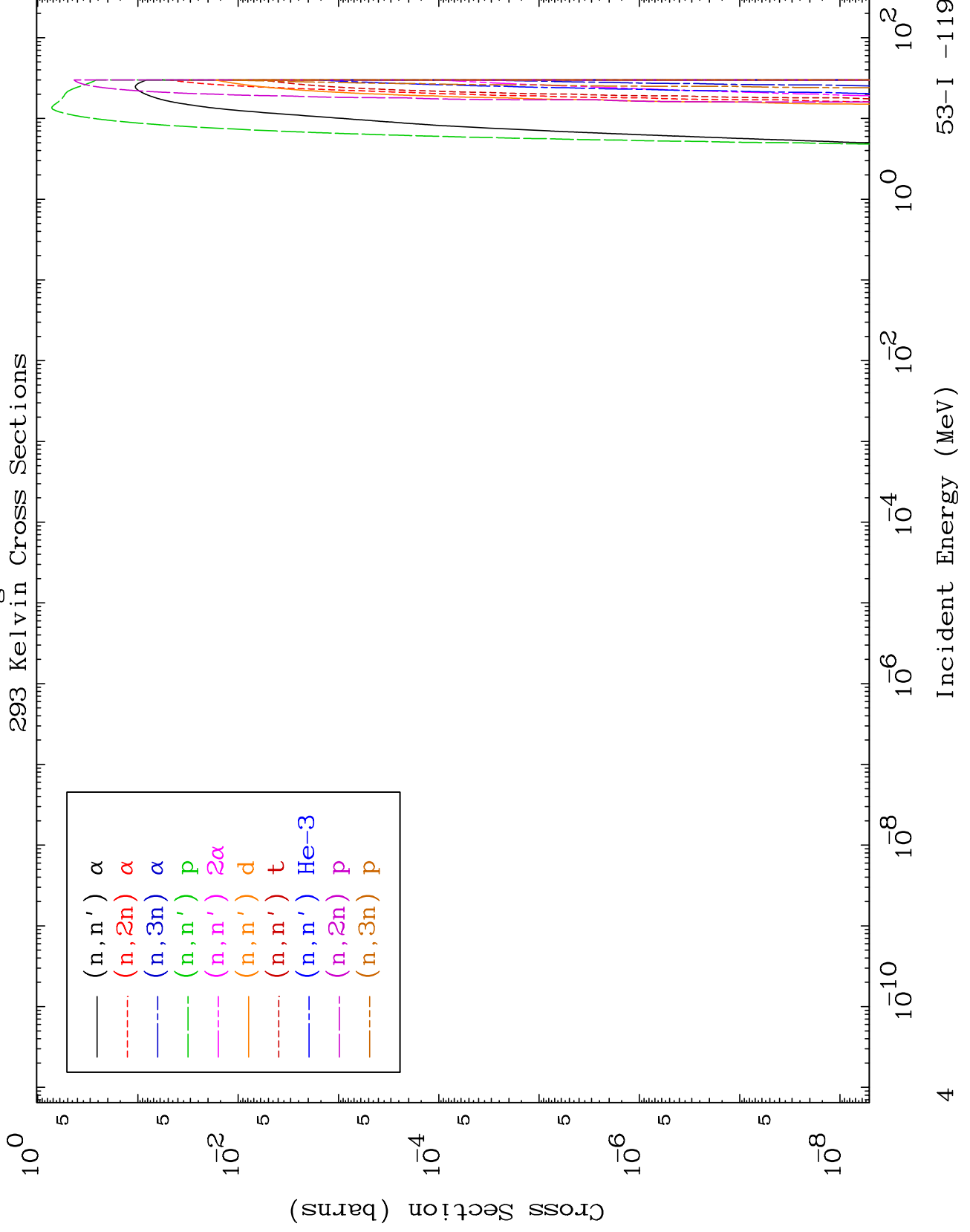


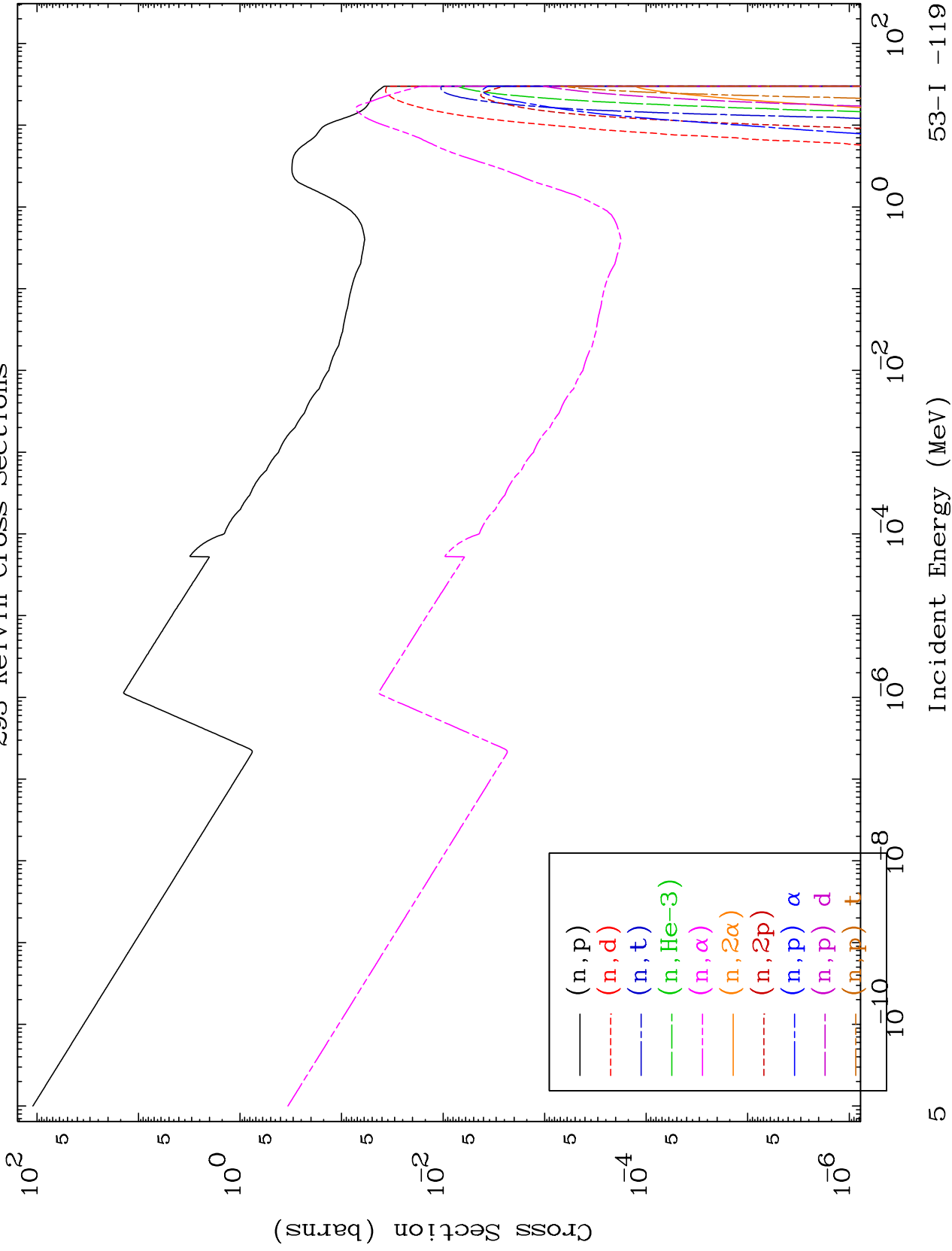


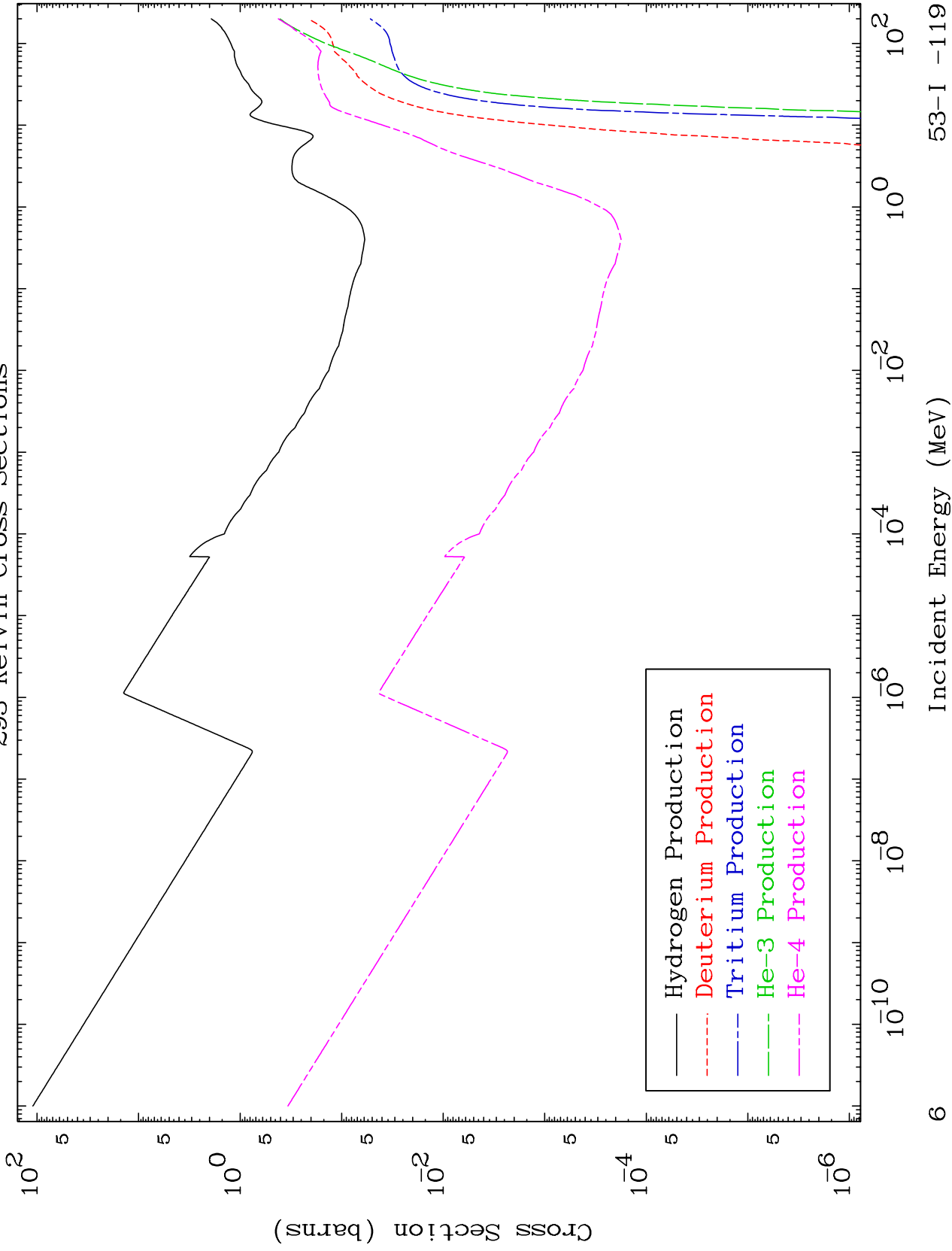
MAT 5301

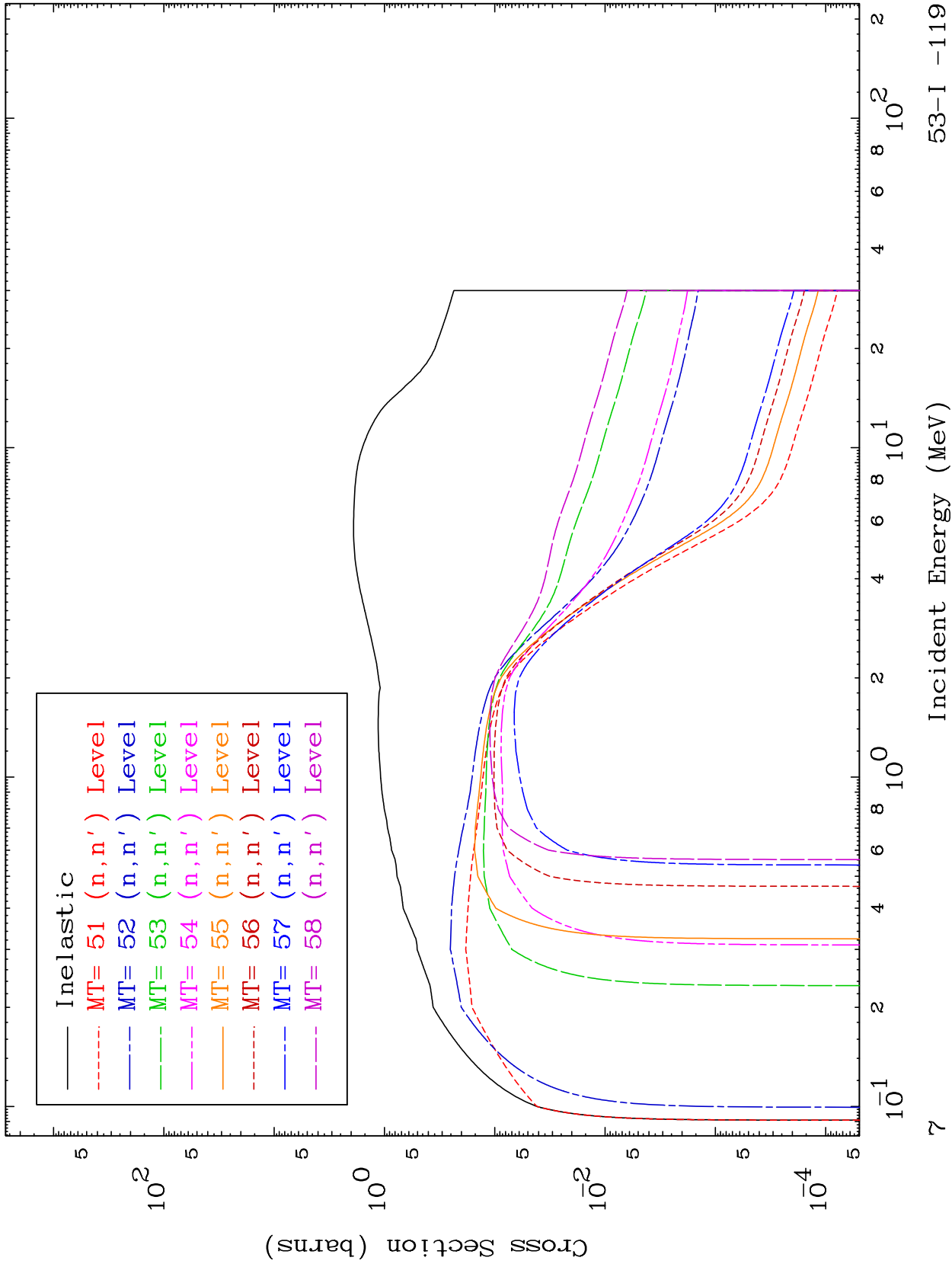
Charged Particle
293 Kelvin Cross Sections

53-I -119

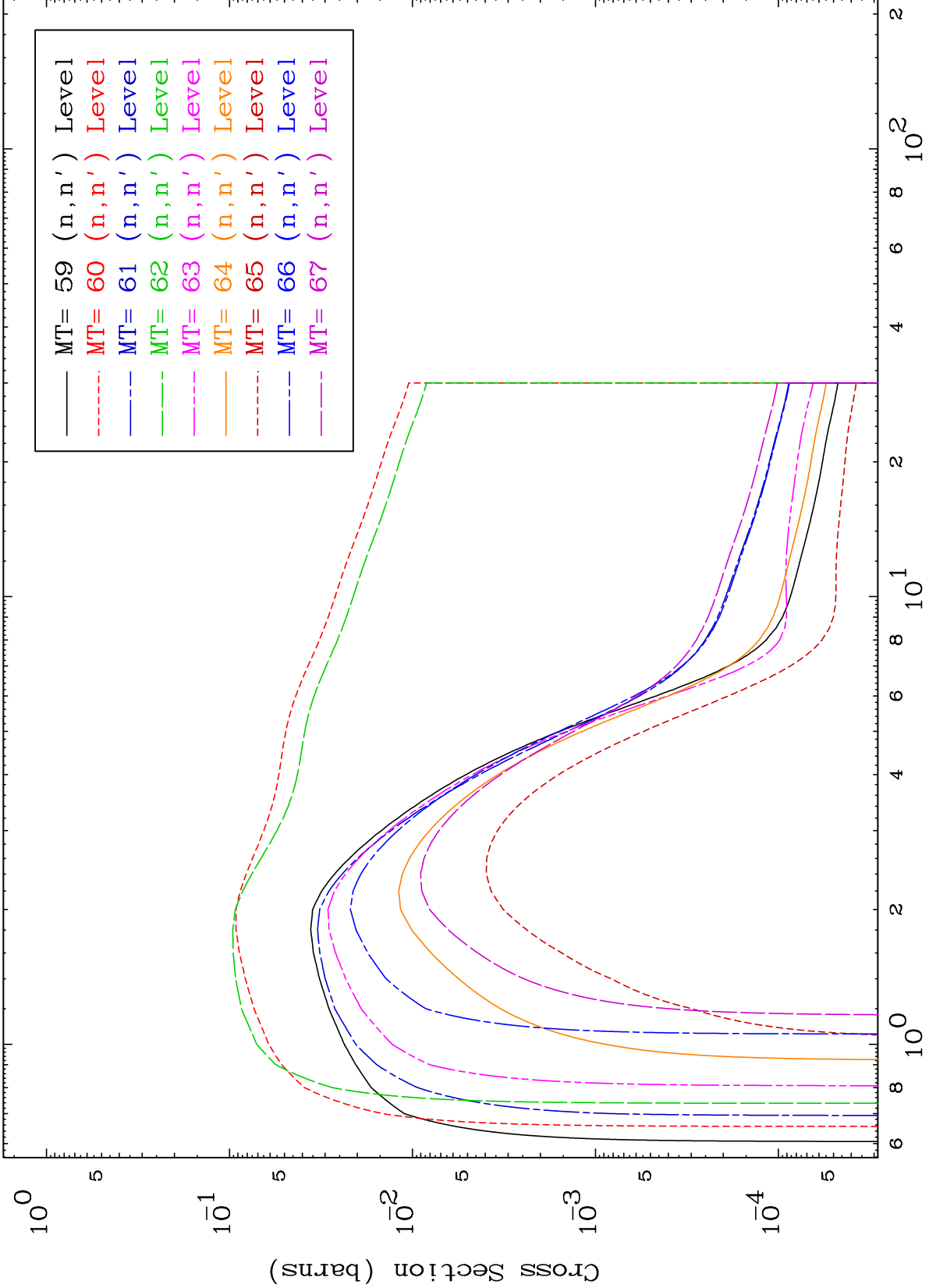




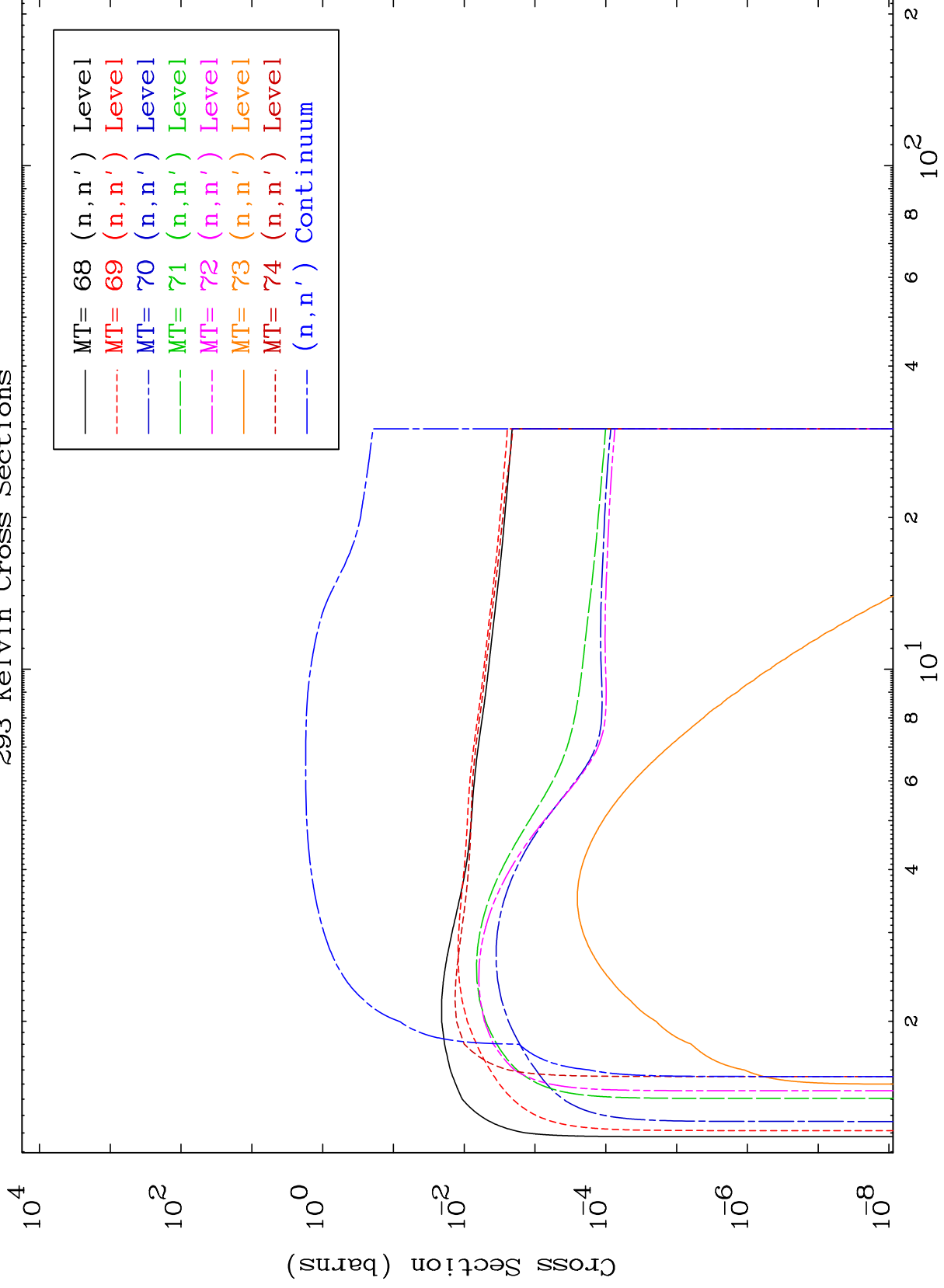




293 Kelvin Cross Sections



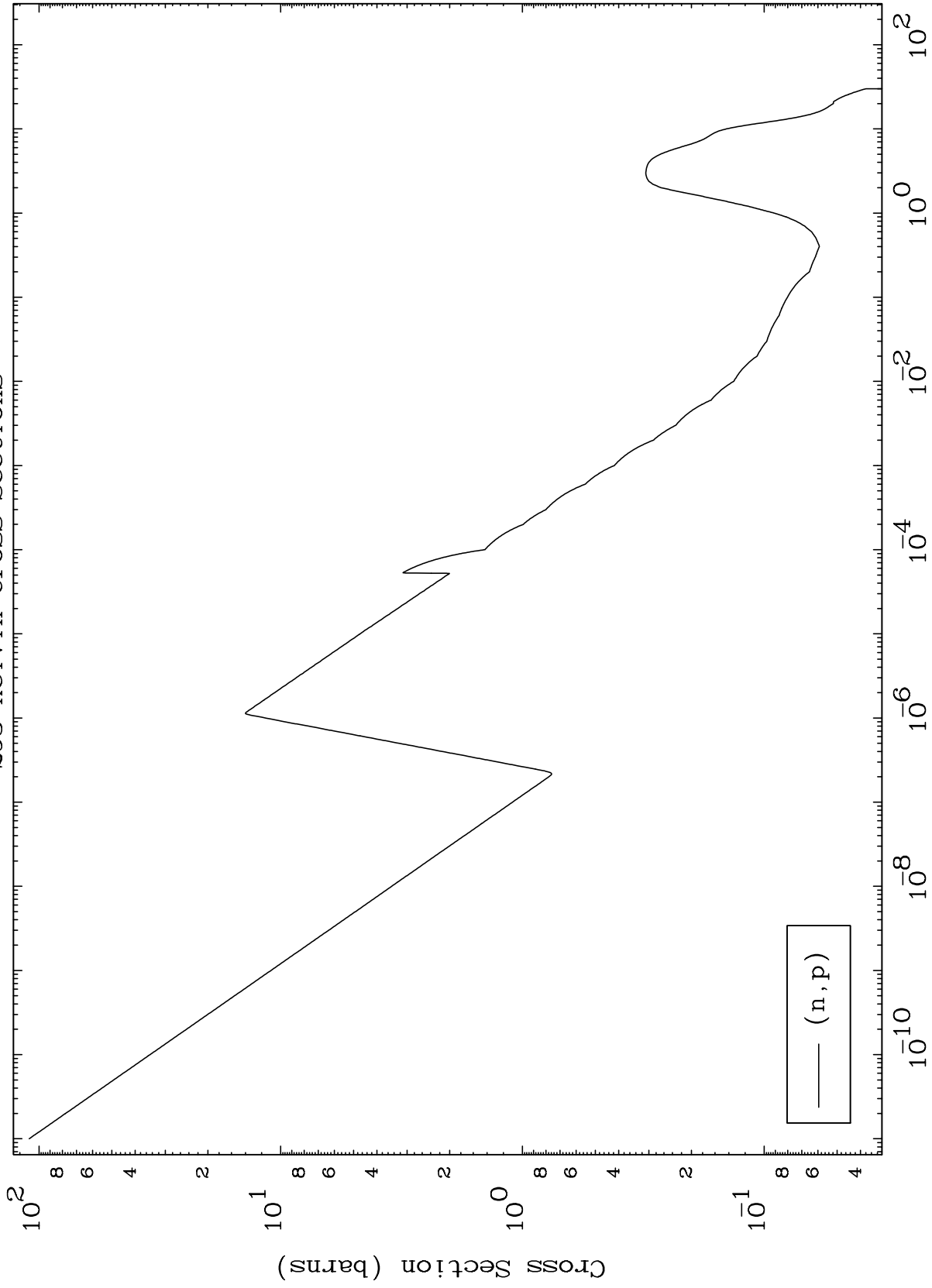
293 Kelvin Cross Sections



MAT 5301

(n,p) Levels
293 Kelvin Cross Sections

53-I -119



Incident Energy (MeV)

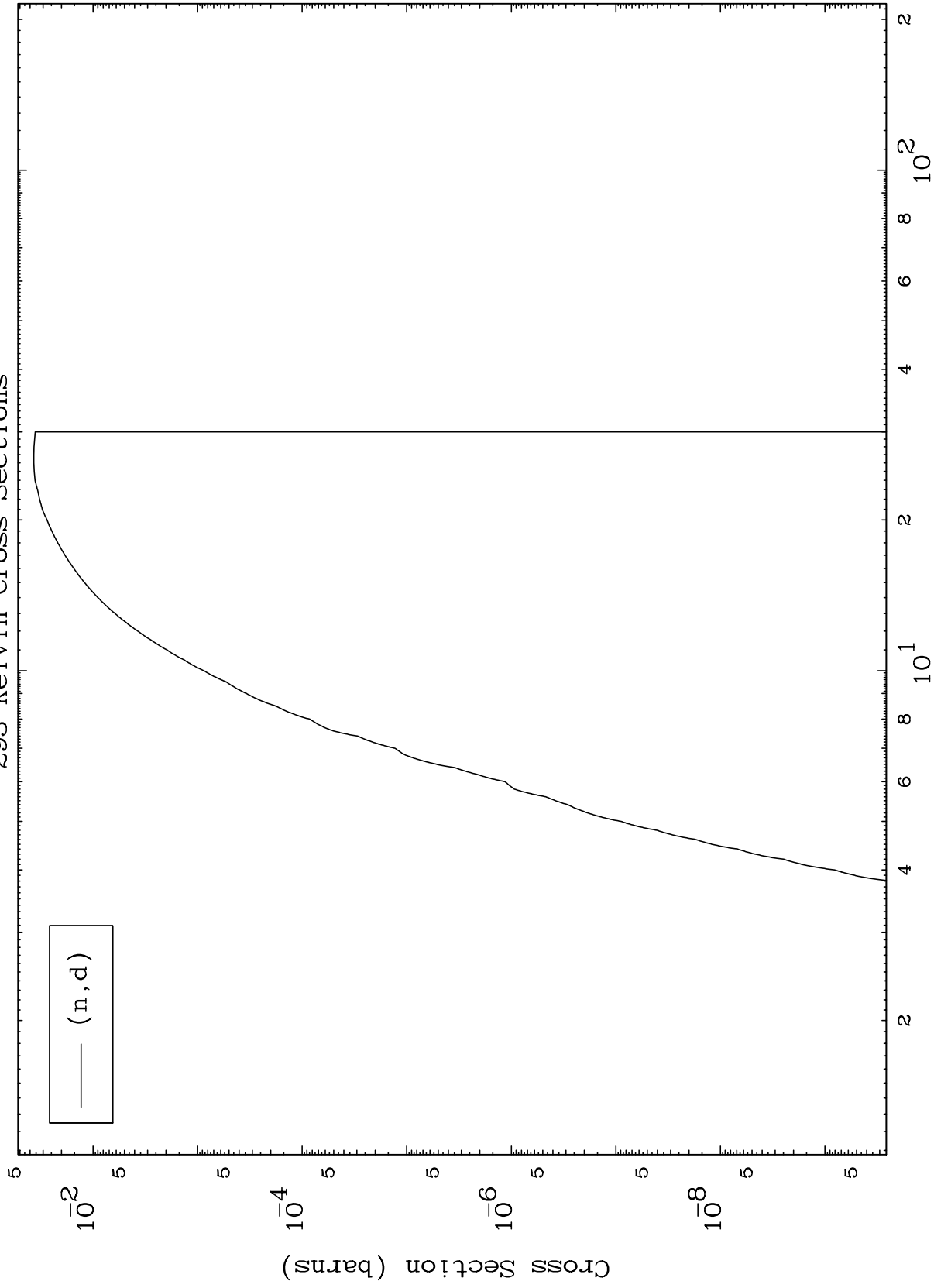
53-I -119

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MAT 5301

(n,d) Levels
293 Kelvin Cross Sections

53-I -119



11

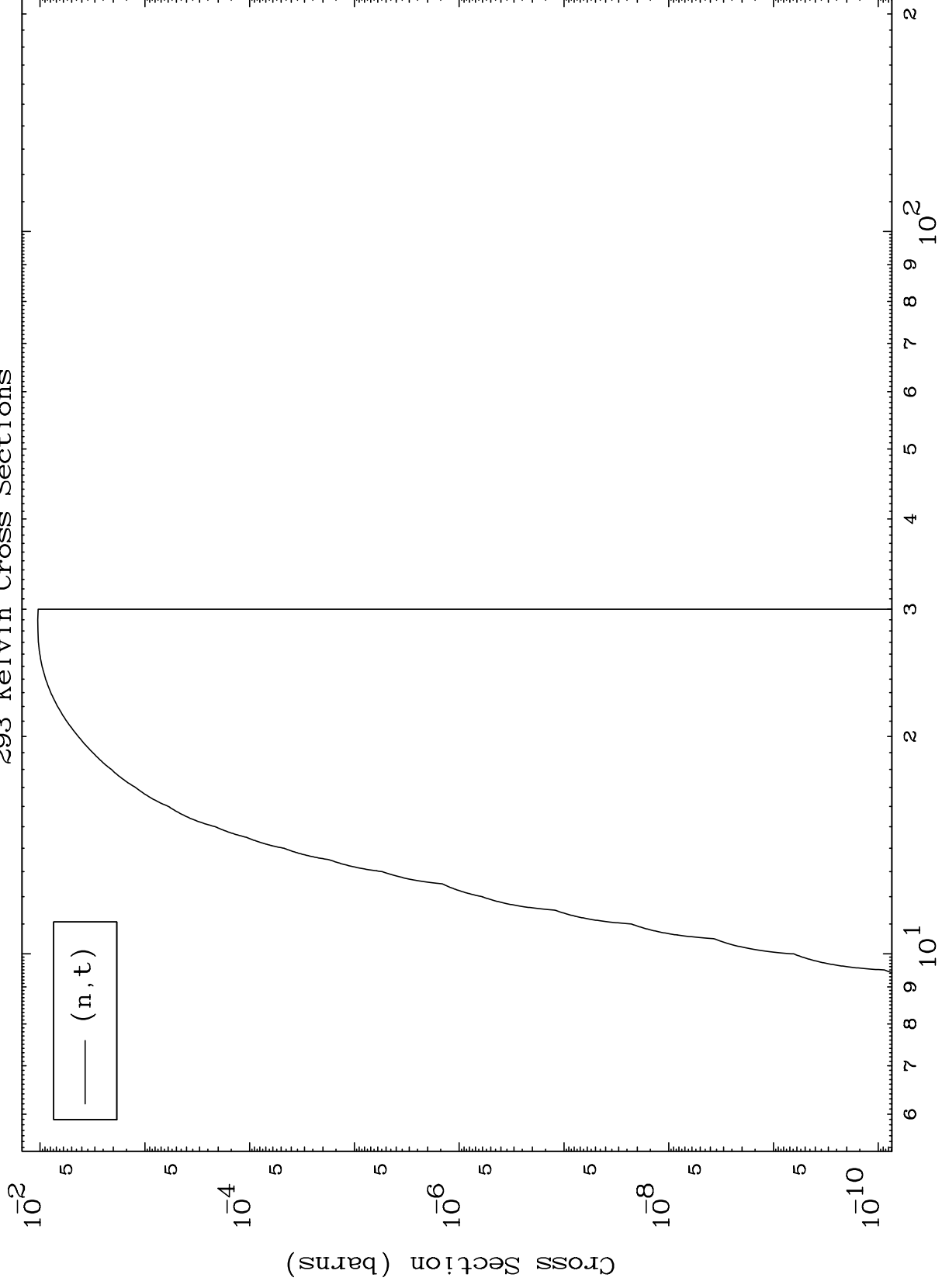
Incident Energy (MeV)

53-I -119

MAT 5301

(n,t) Levels
293 Kelvin Cross Sections

53-I -119



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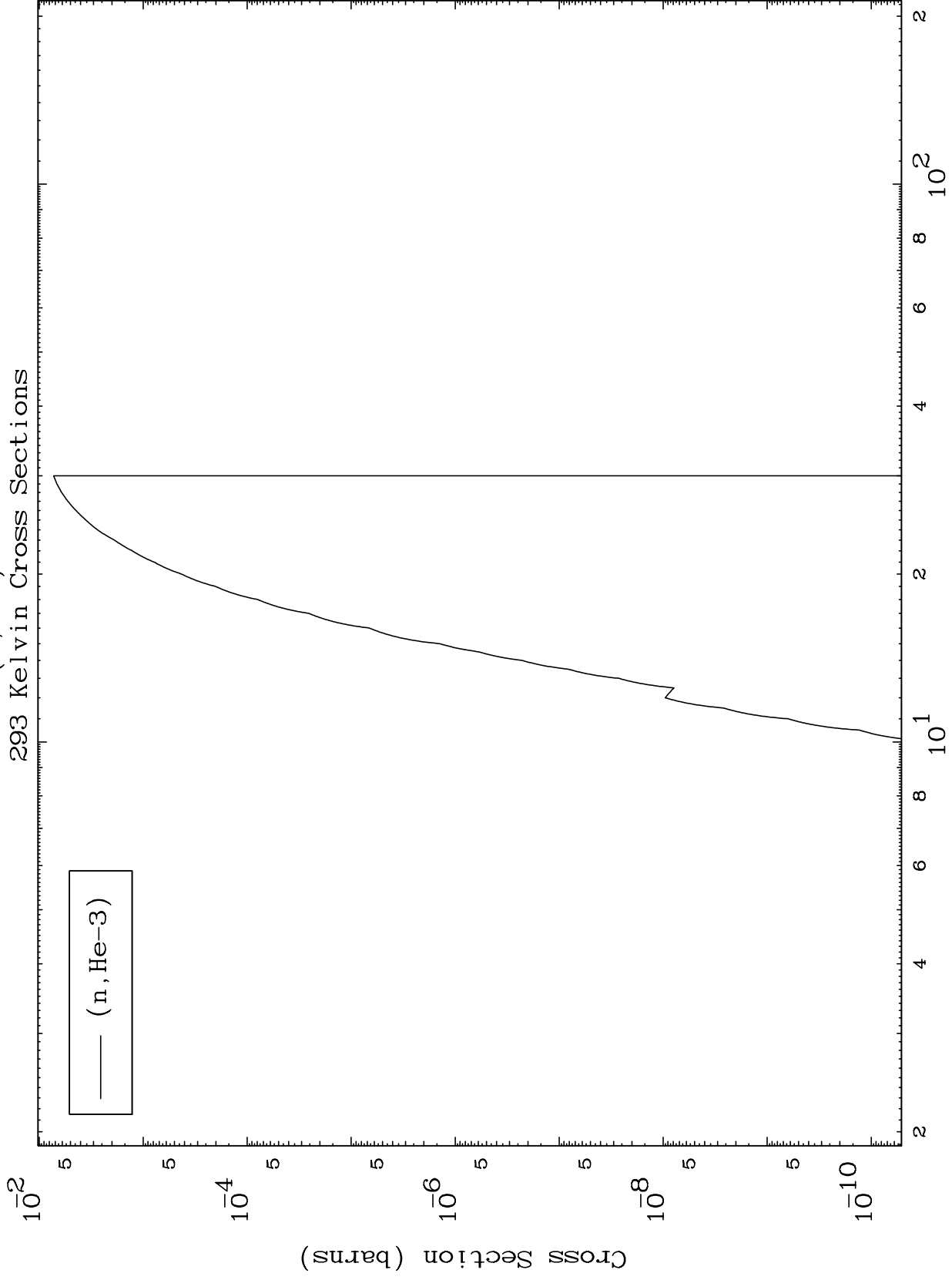
Incident Energy (MeV)

53-I -119

MAT 5301

(n,He3) Levels
293 Kelvin Cross Sections

53-I -119



13

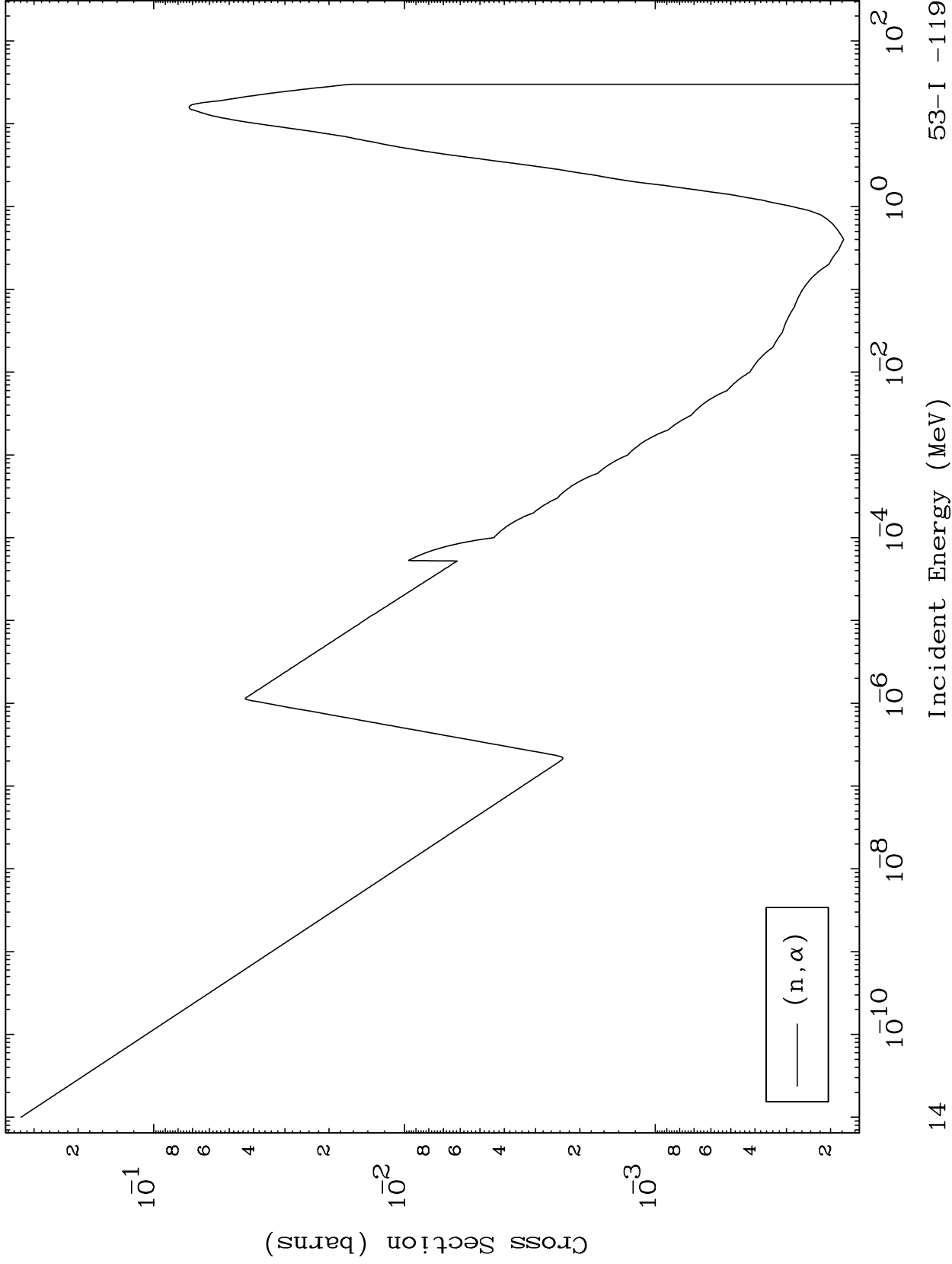
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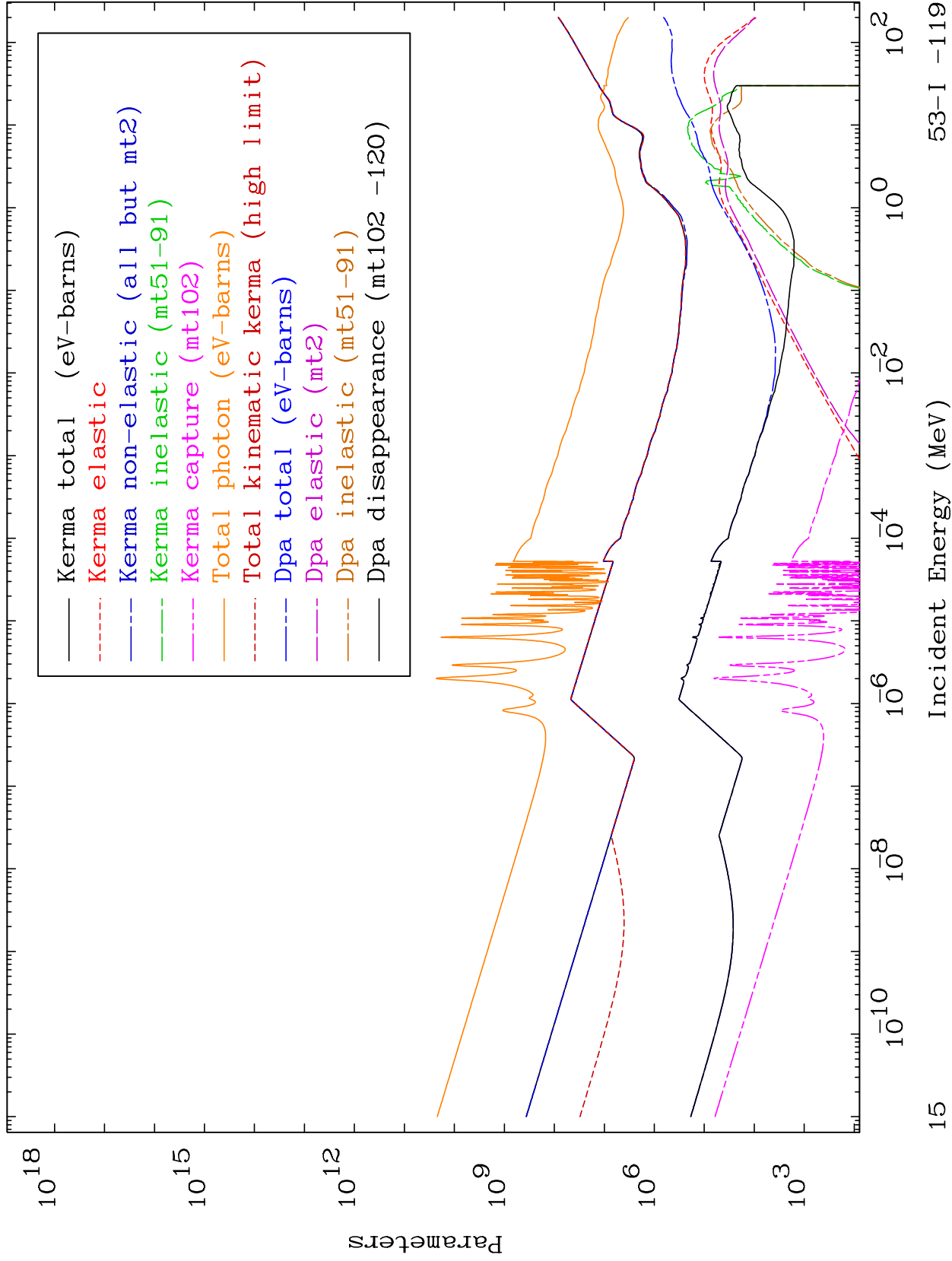
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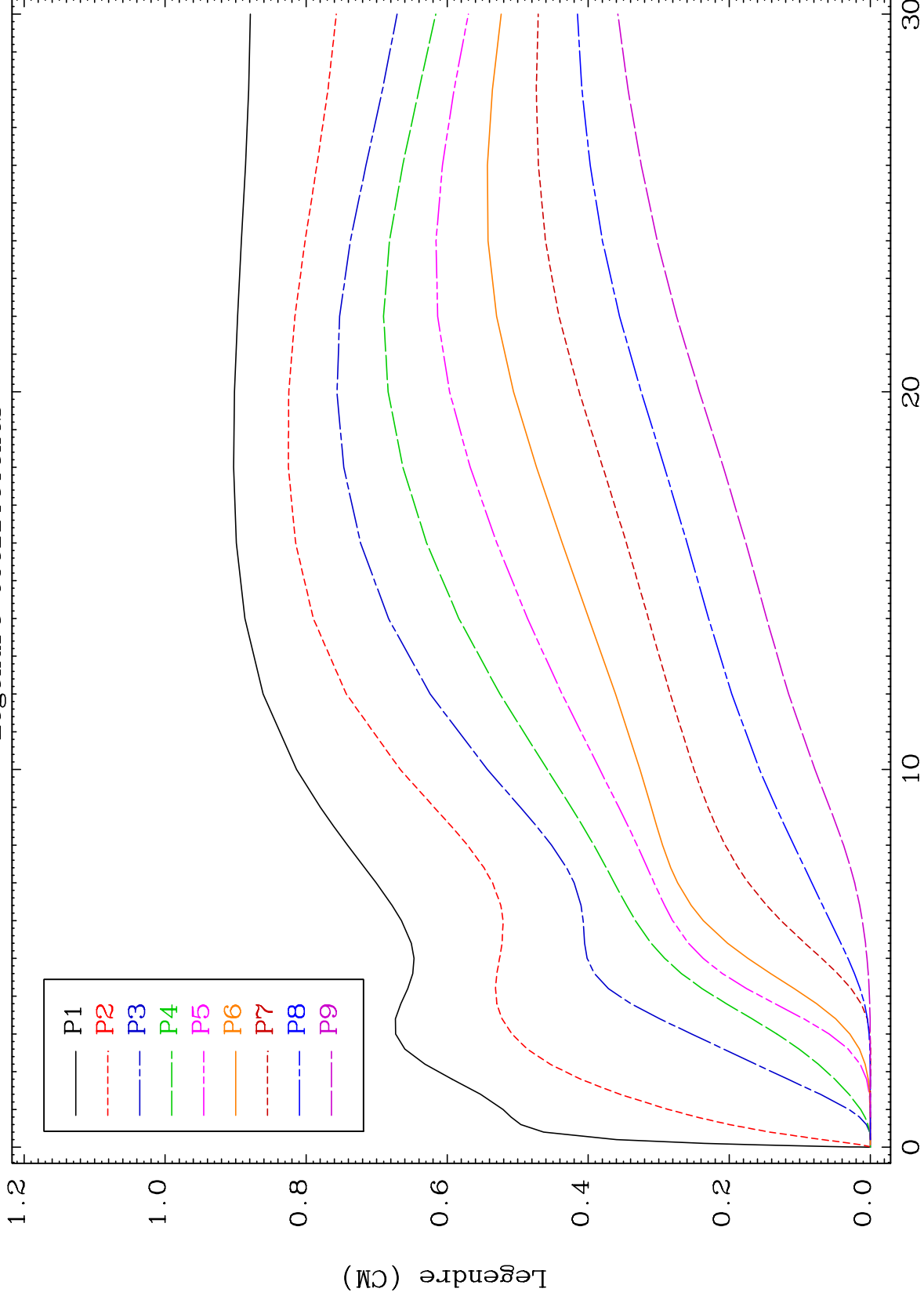
MAT 5301

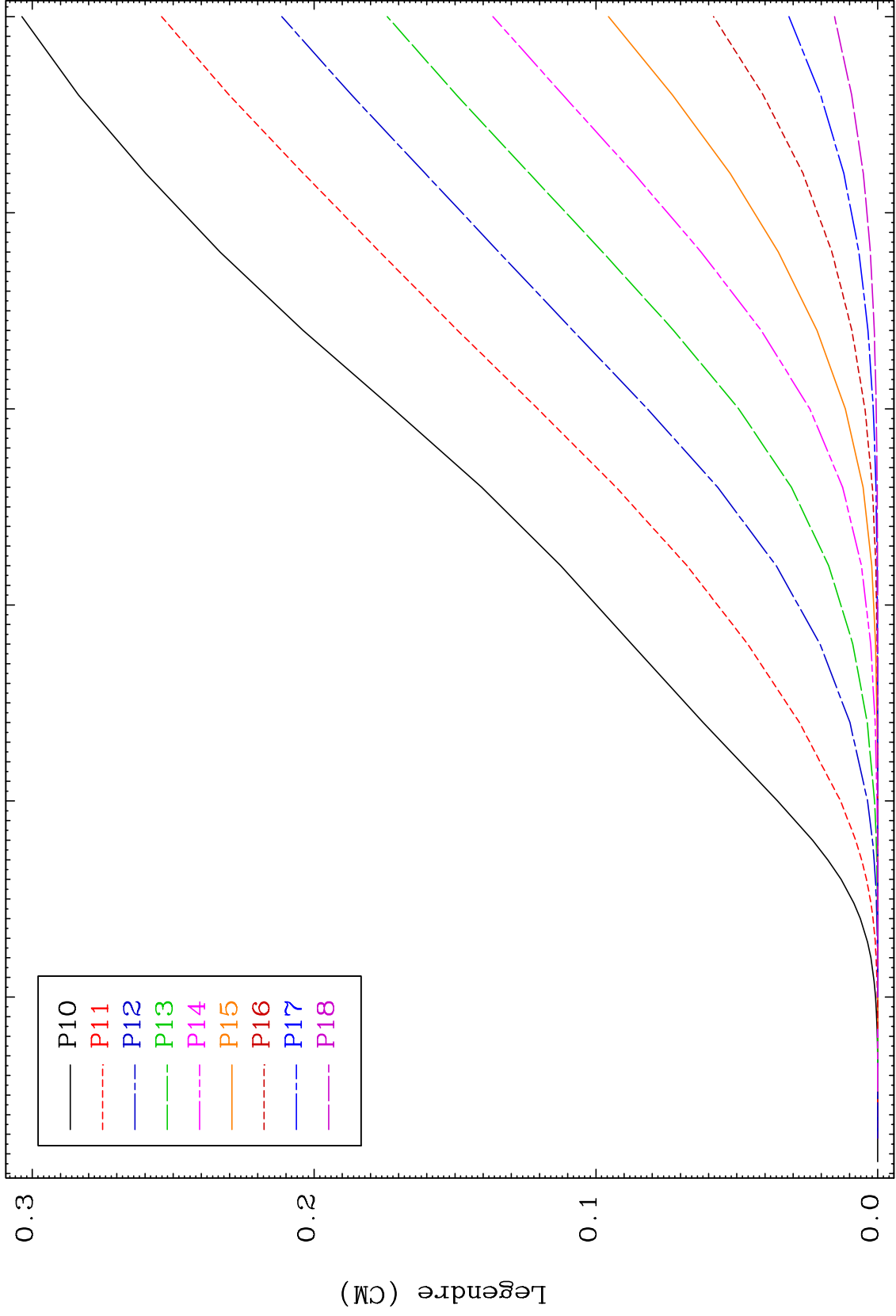
(n,α) Levels
293 Kelvin Cross Sections

53-I -119





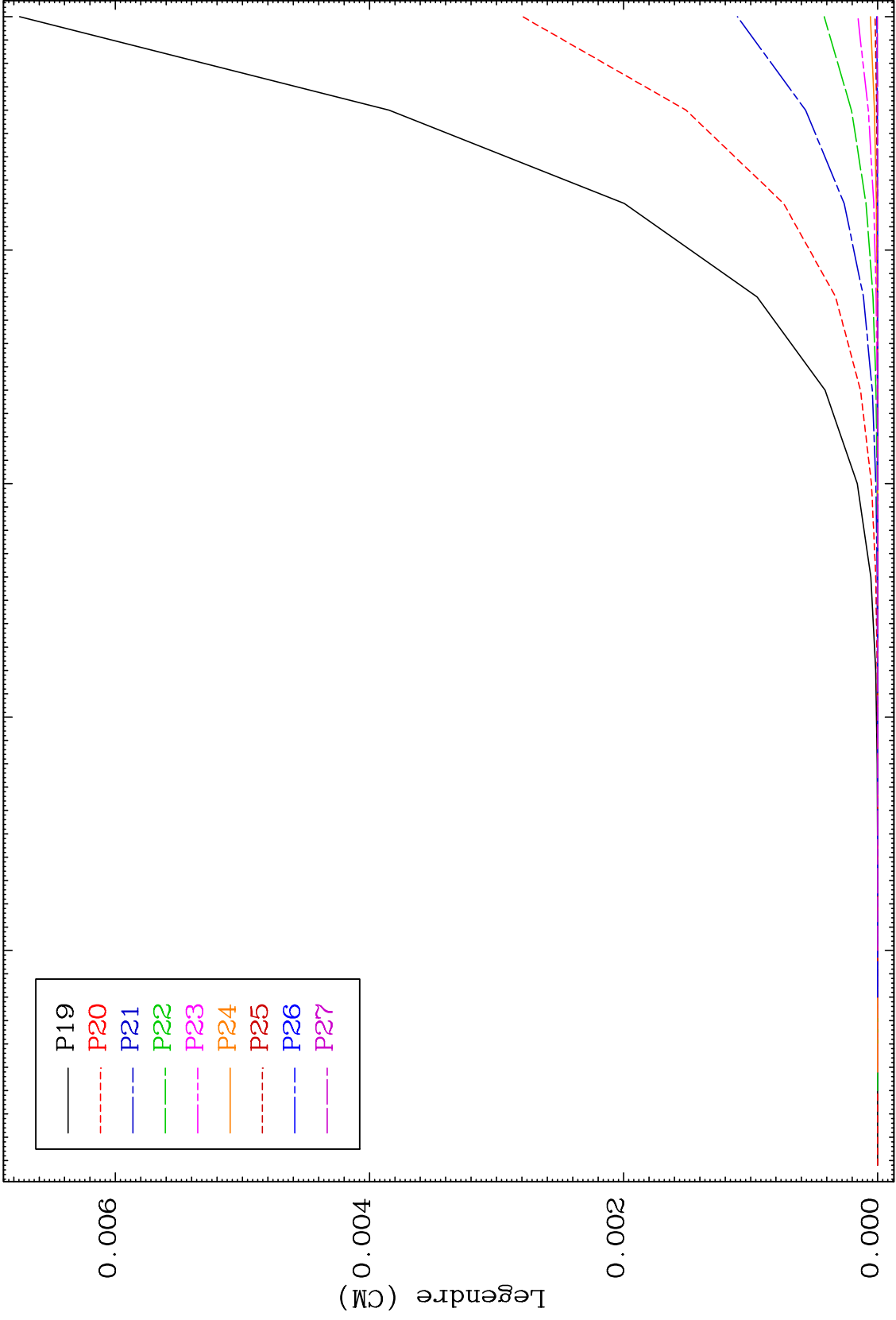




MAT 5301

Elastic Legendre Coefficients

53-I -119



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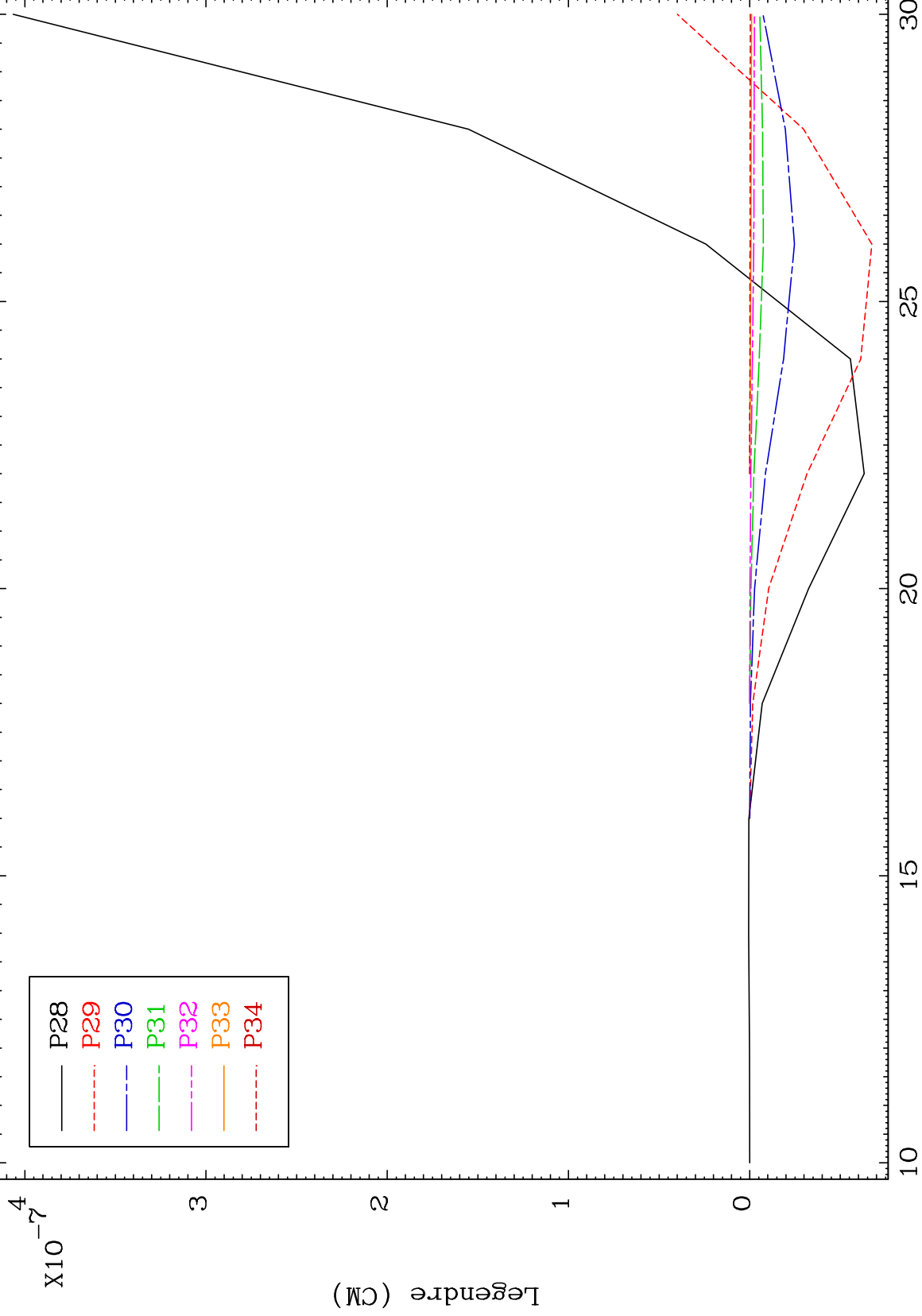
Incident Energy (MeV)

53-I -119

MAT 5301

Elastic
Legendre Coefficients

53-I -119



19

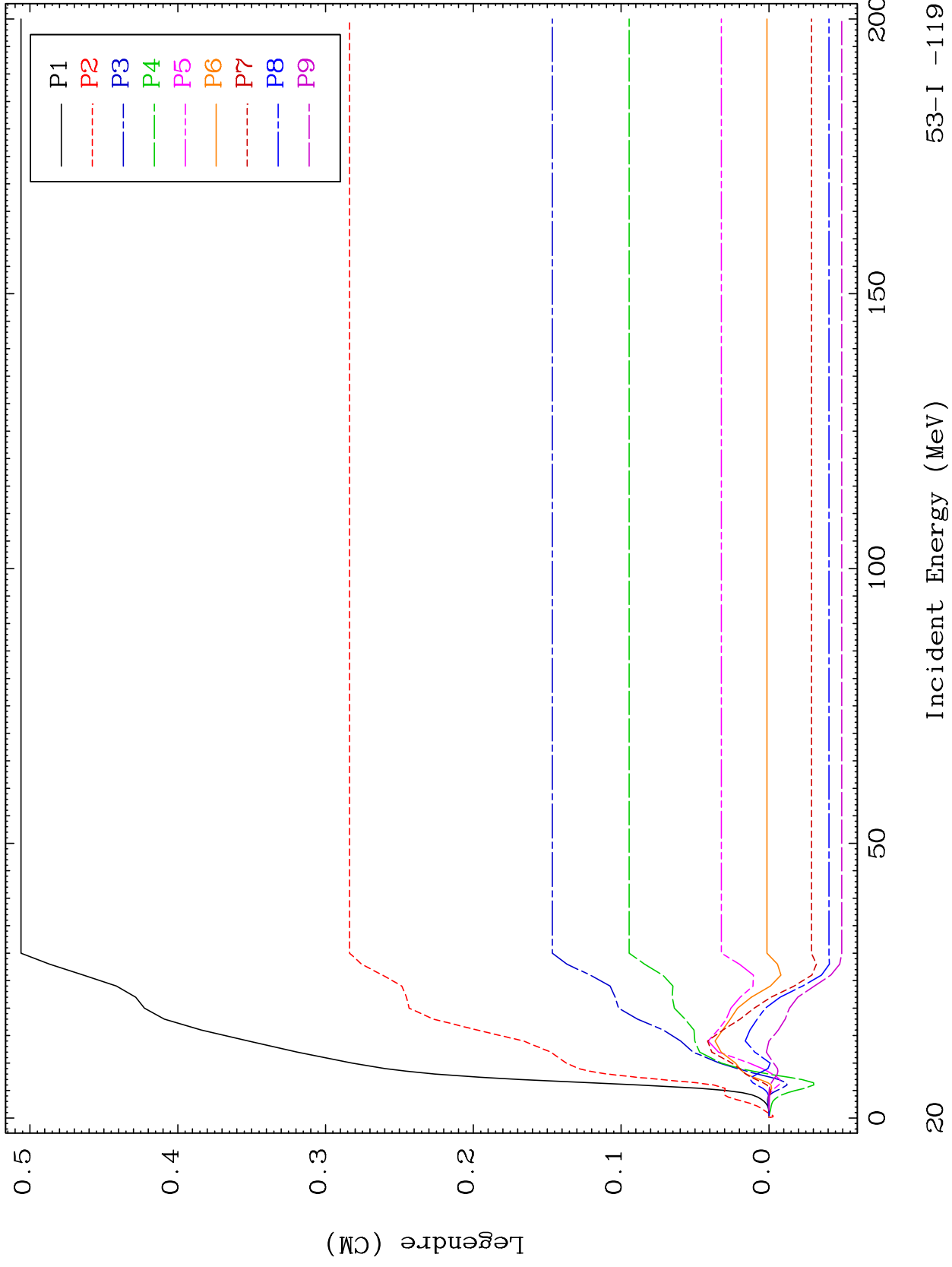
Incident Energy (MeV)

53-I -119

MAT 5301

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

53-I -119



53-I -119

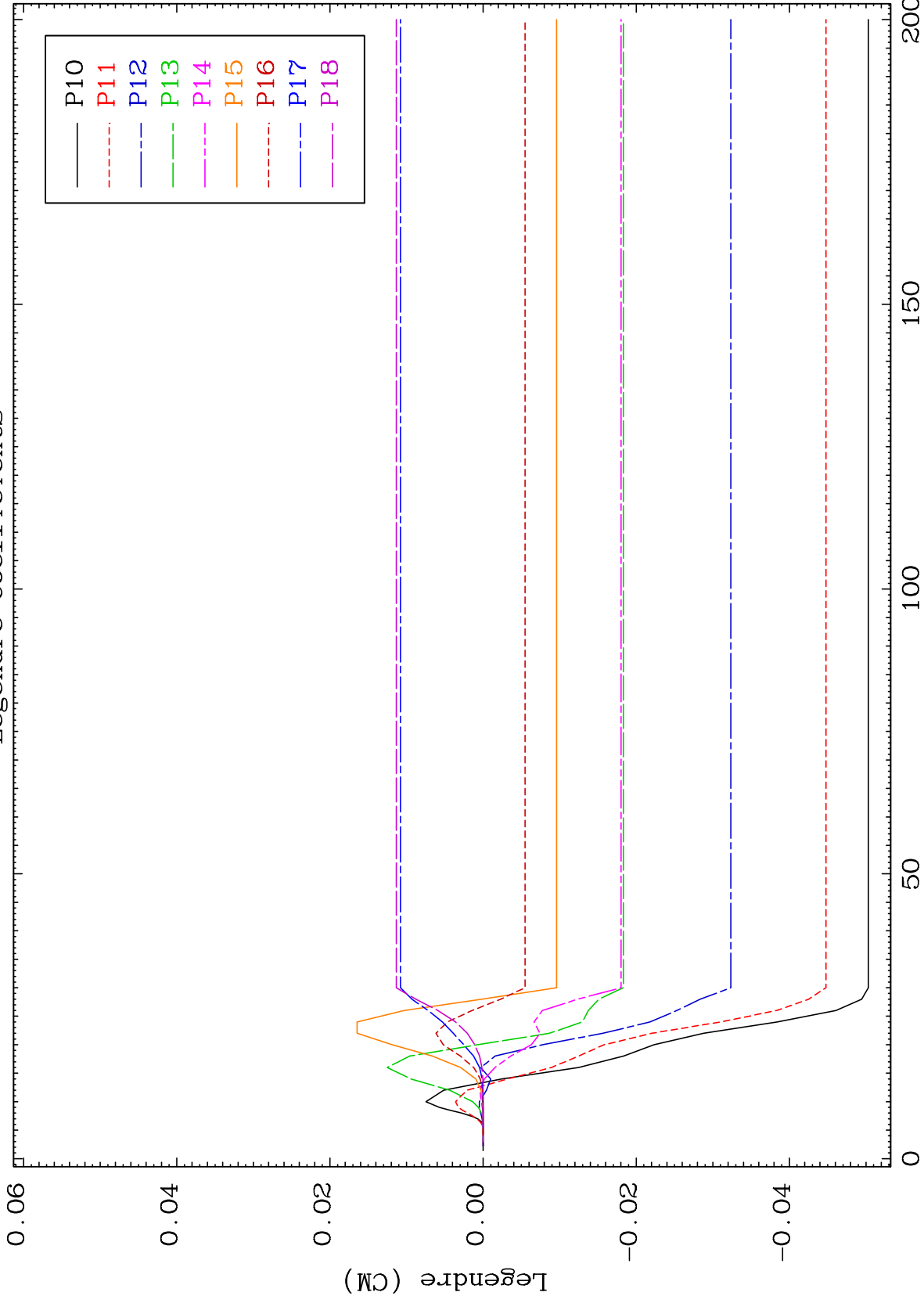
Incident Energy (MeV)

20

MAT 5301

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

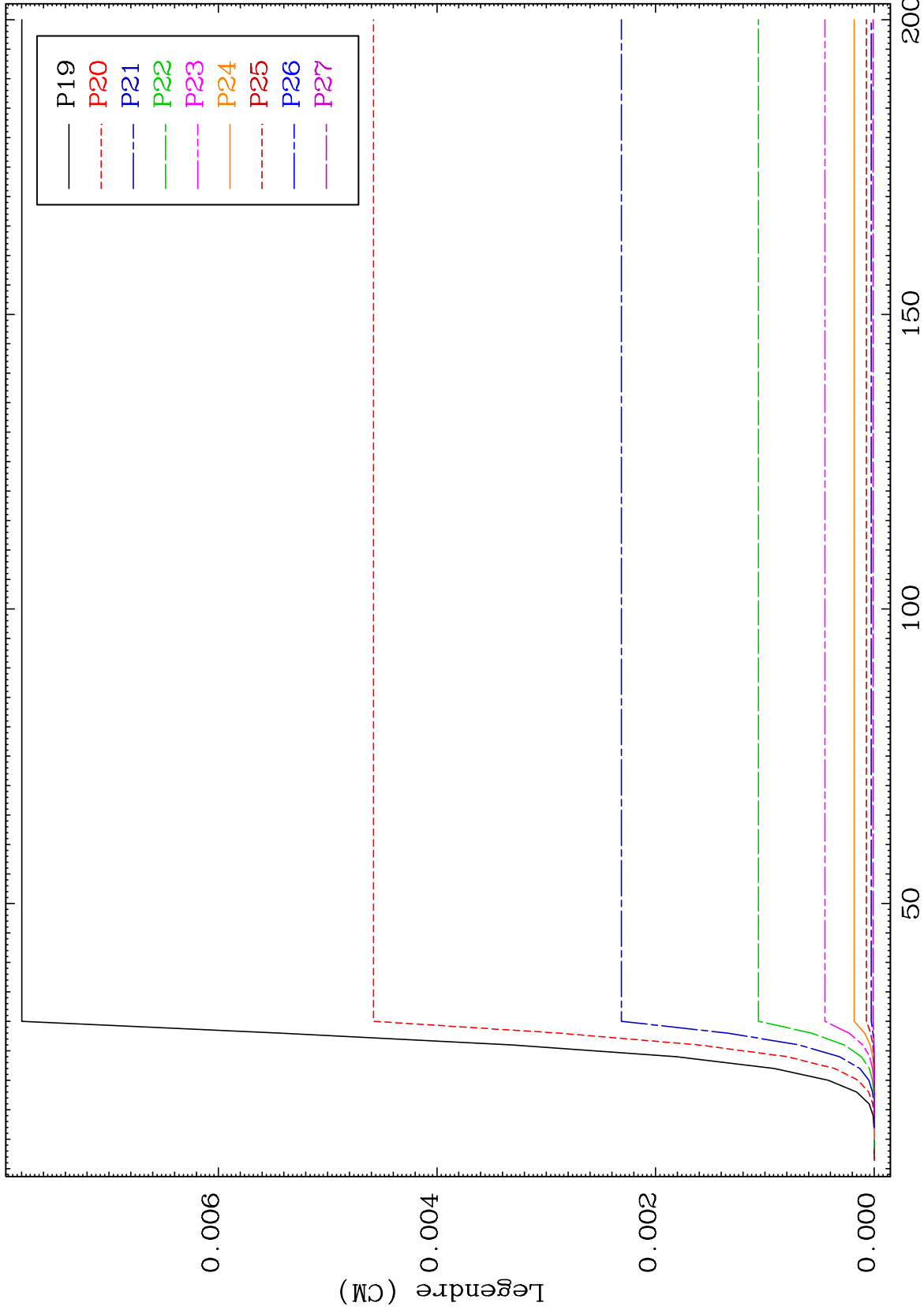
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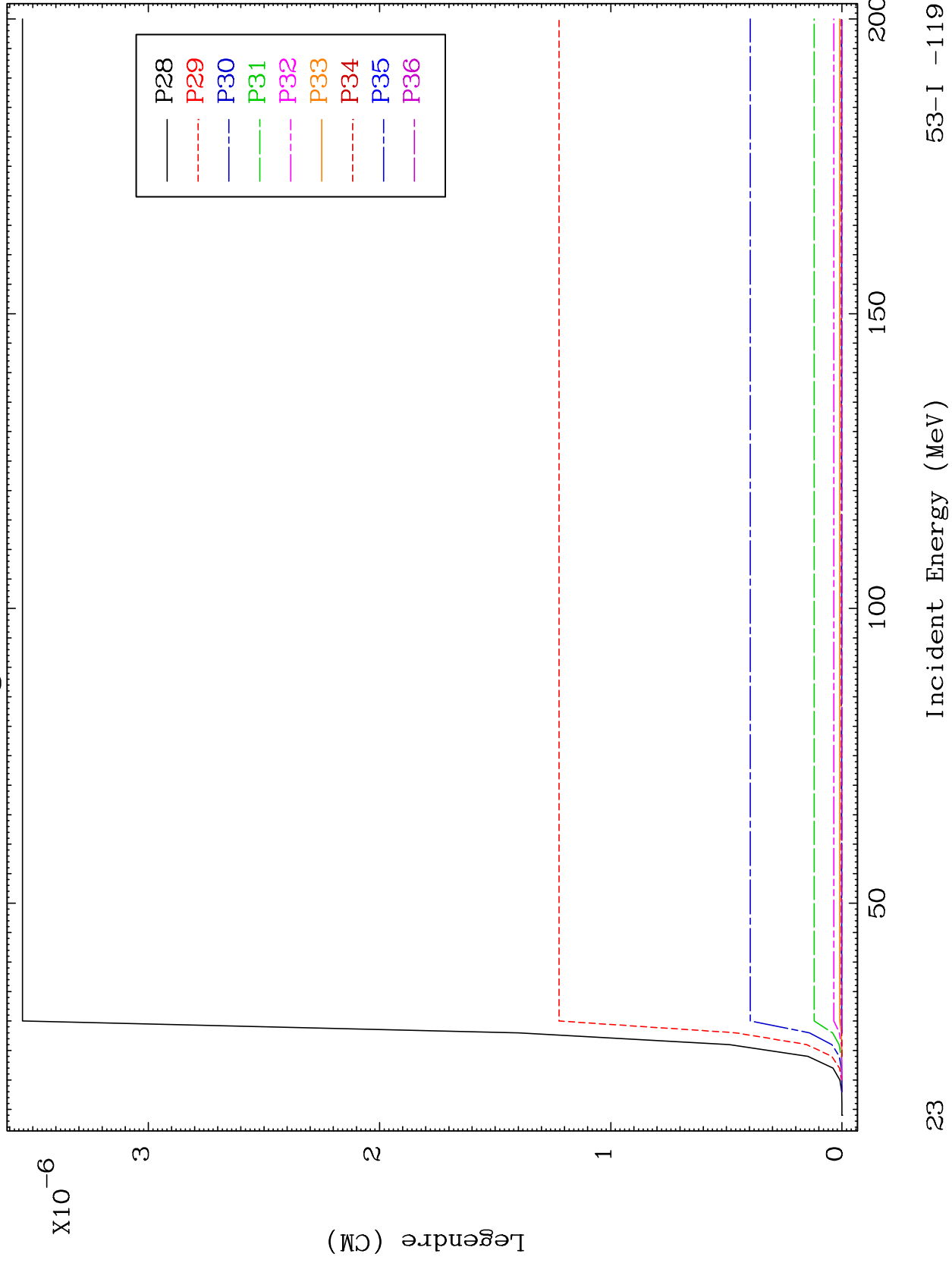


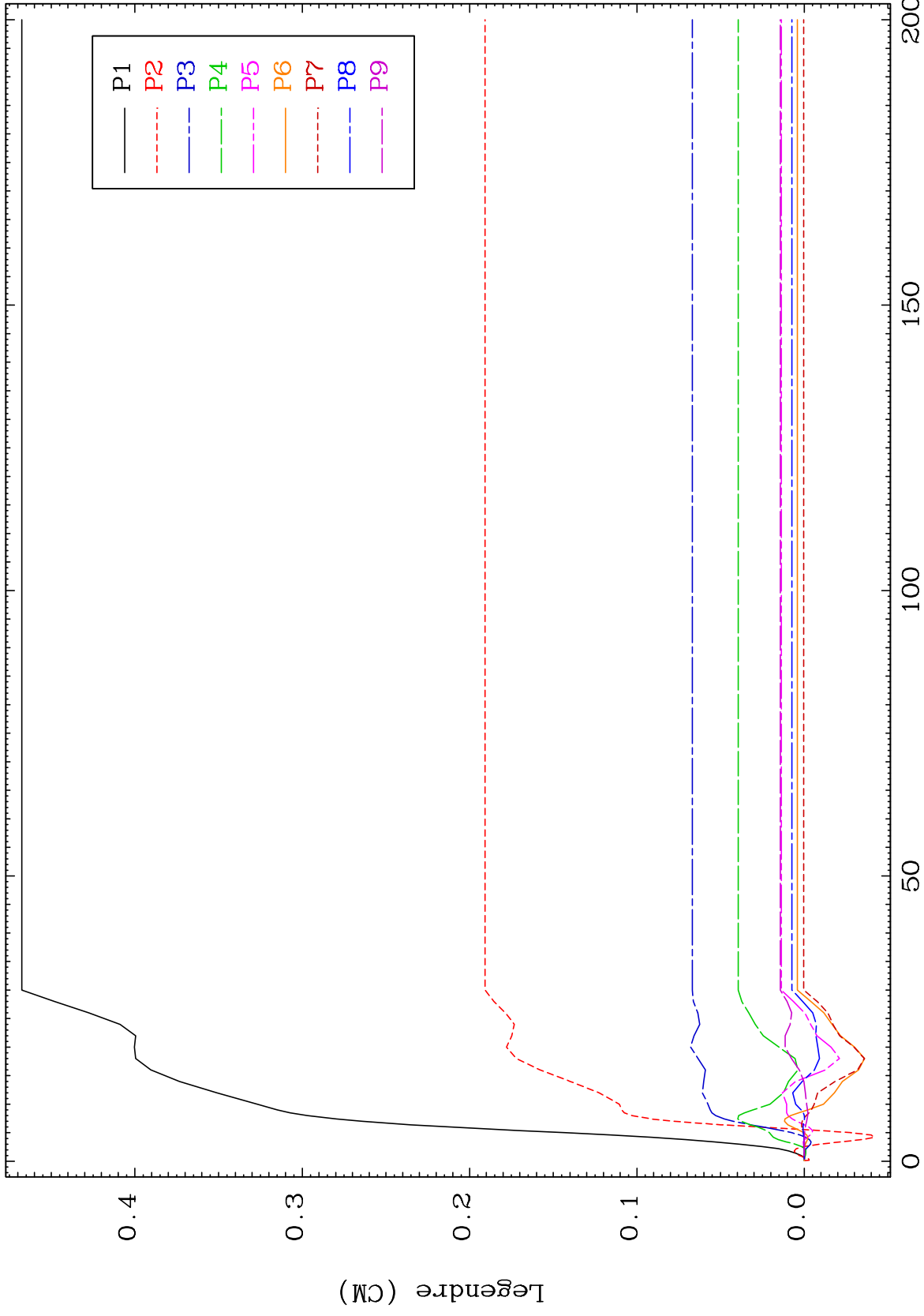
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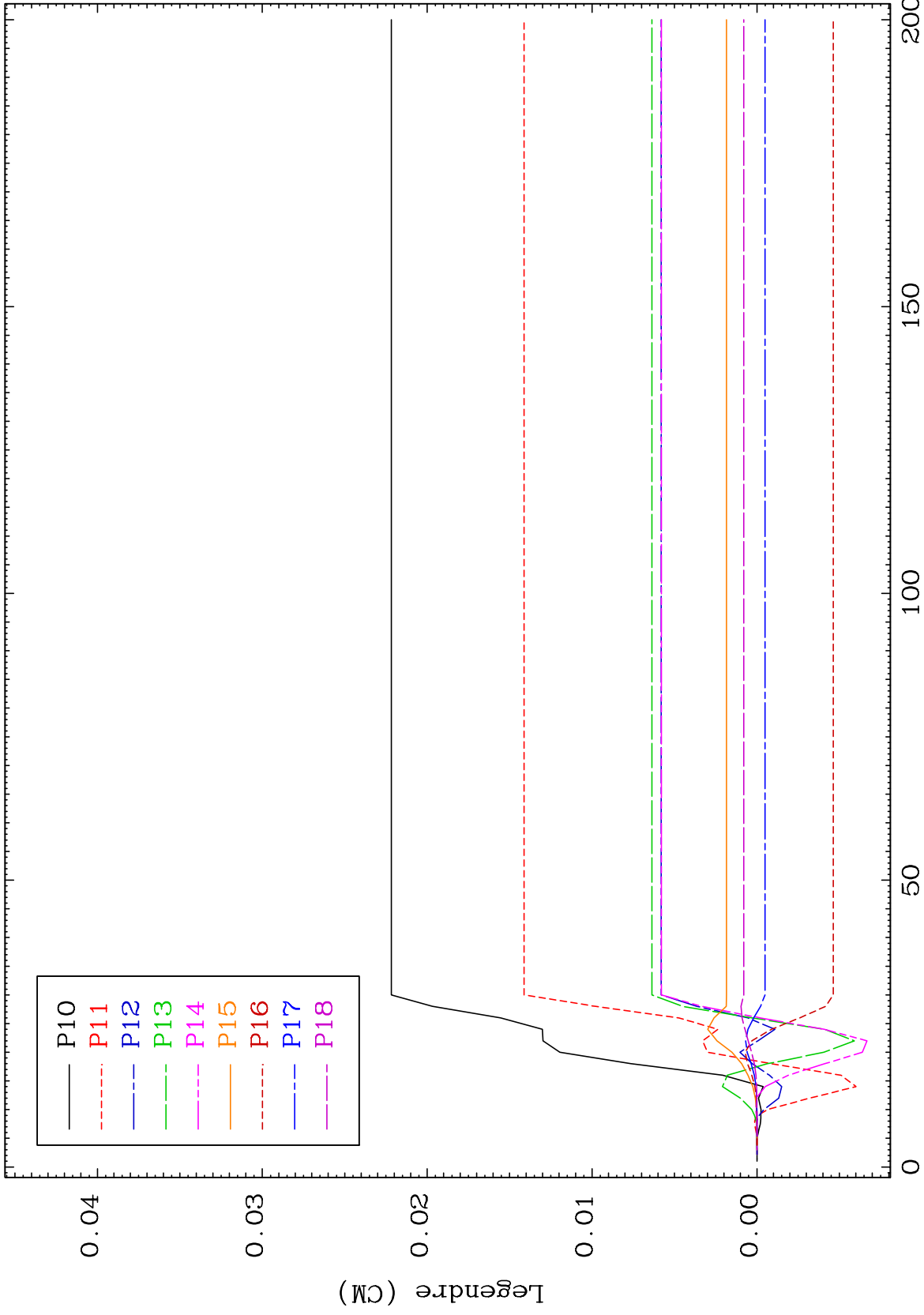
Incident Energy (MeV)

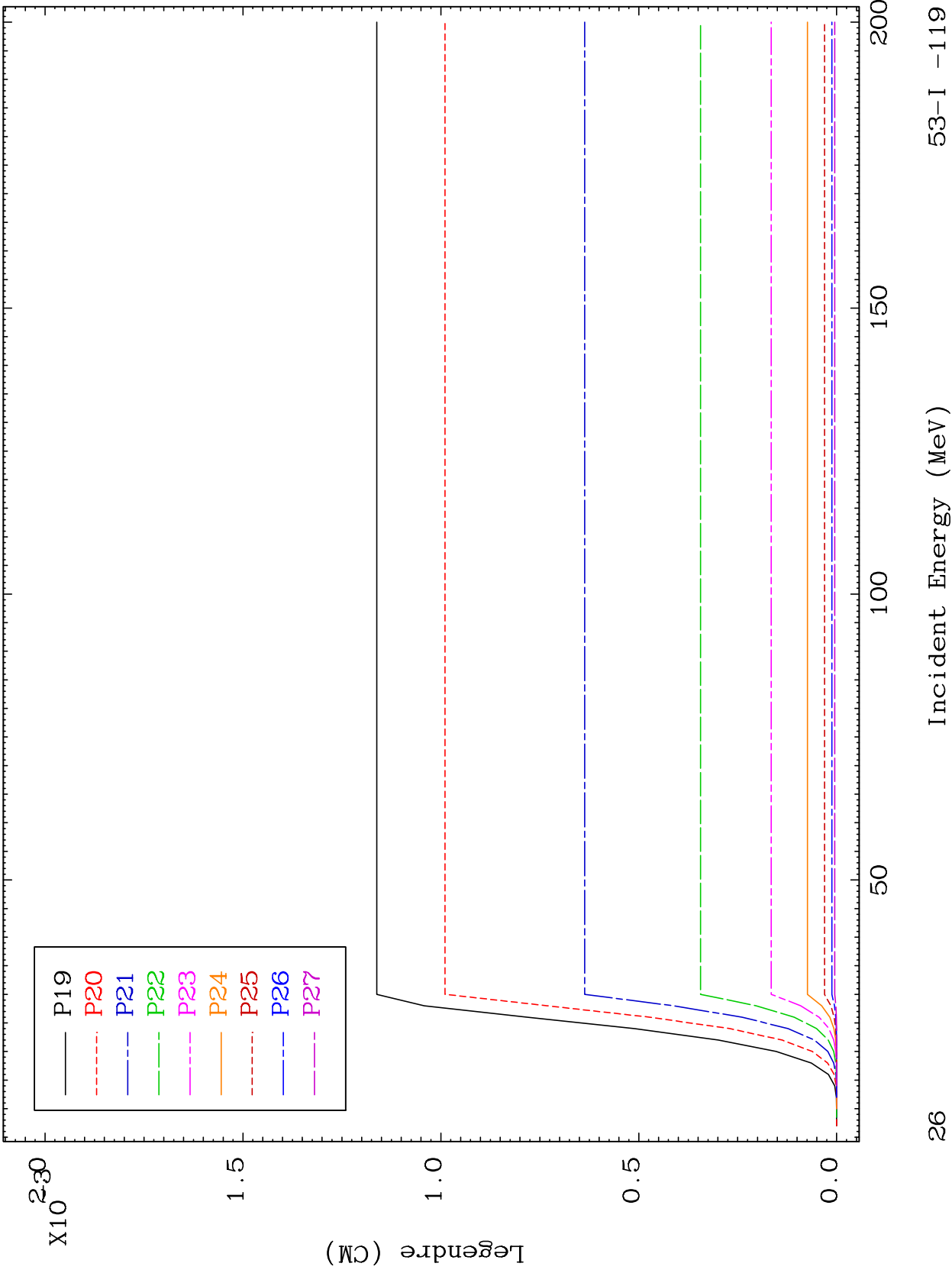
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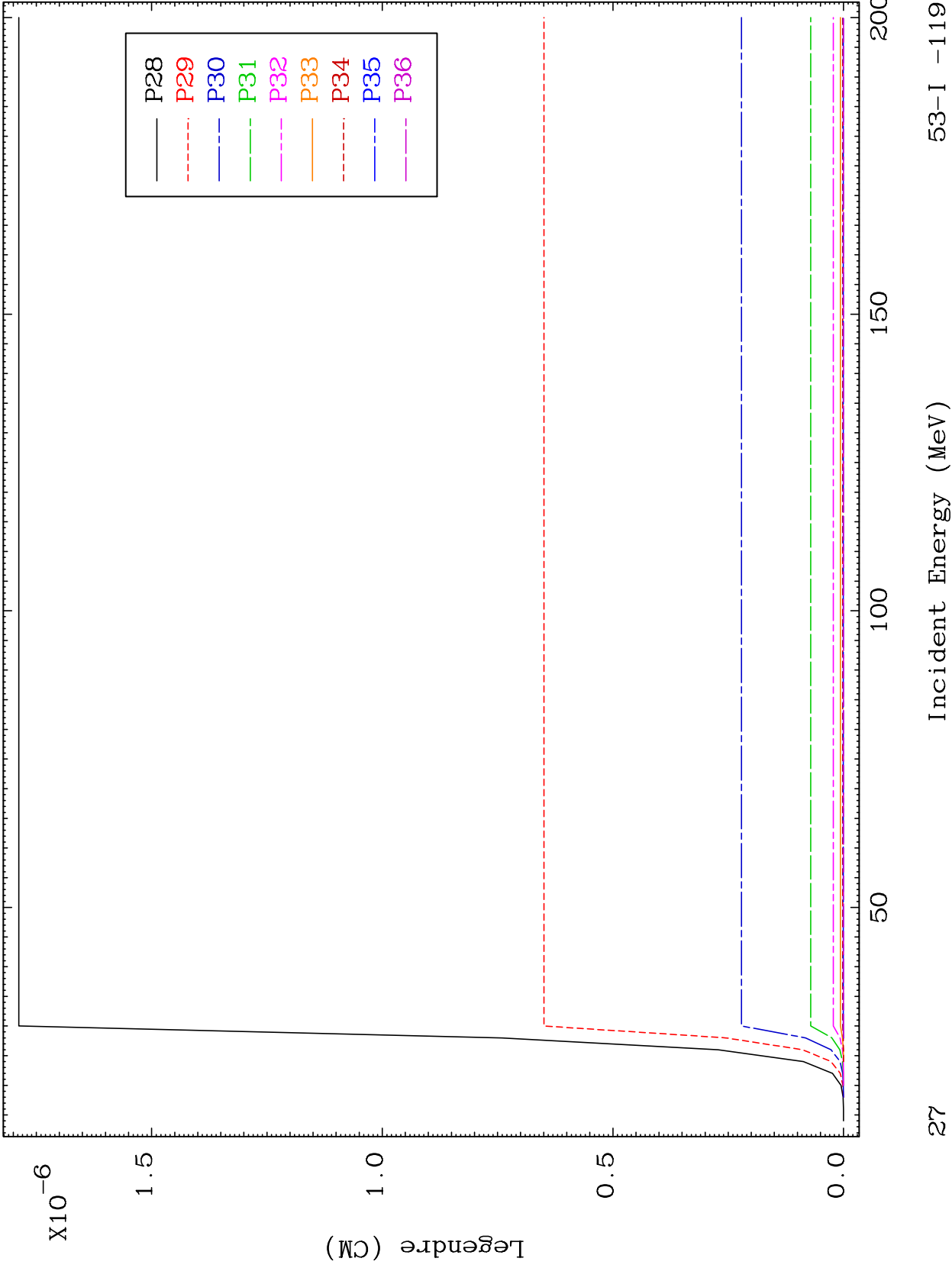








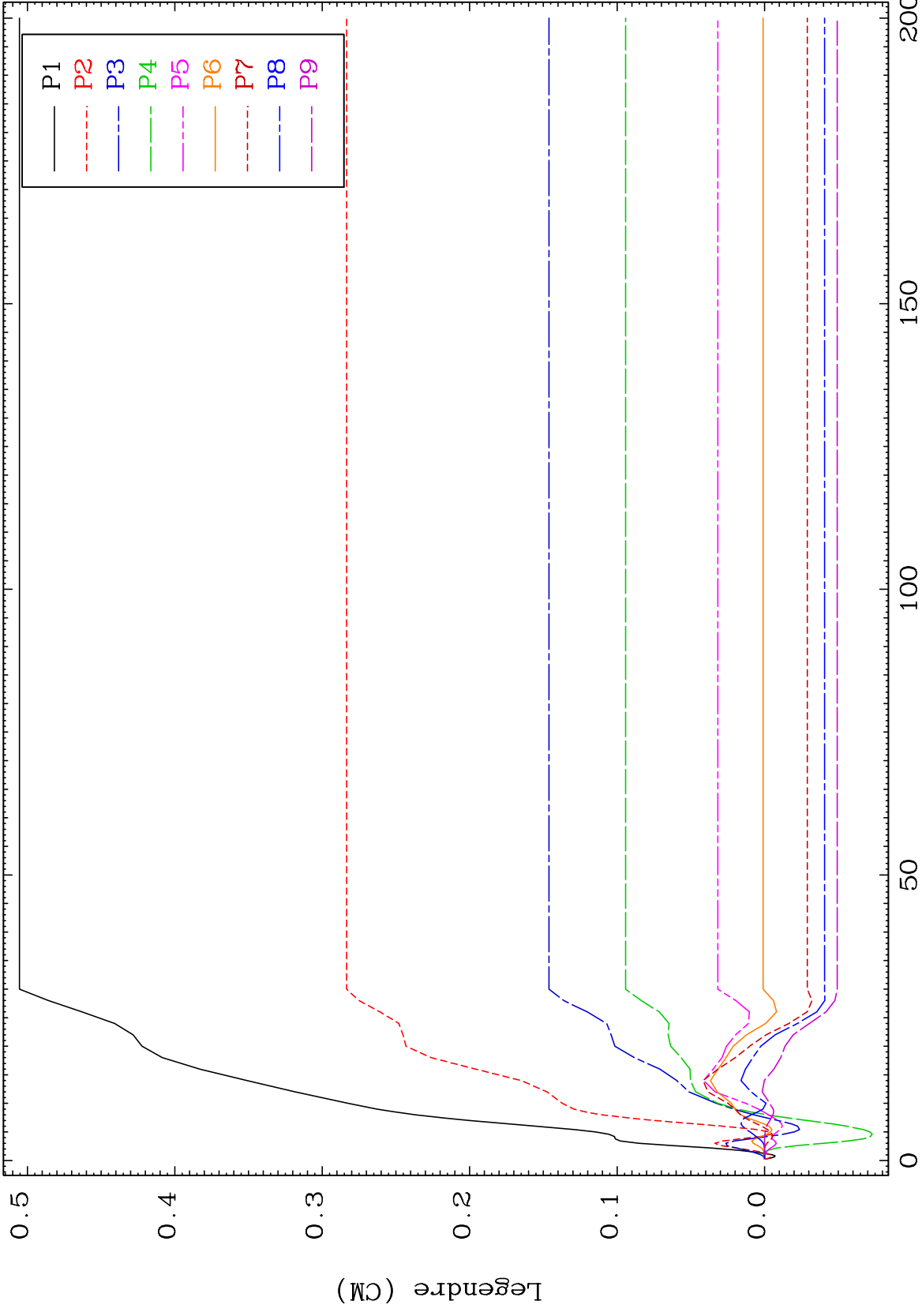




MAT 5301

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

53-I -119



28

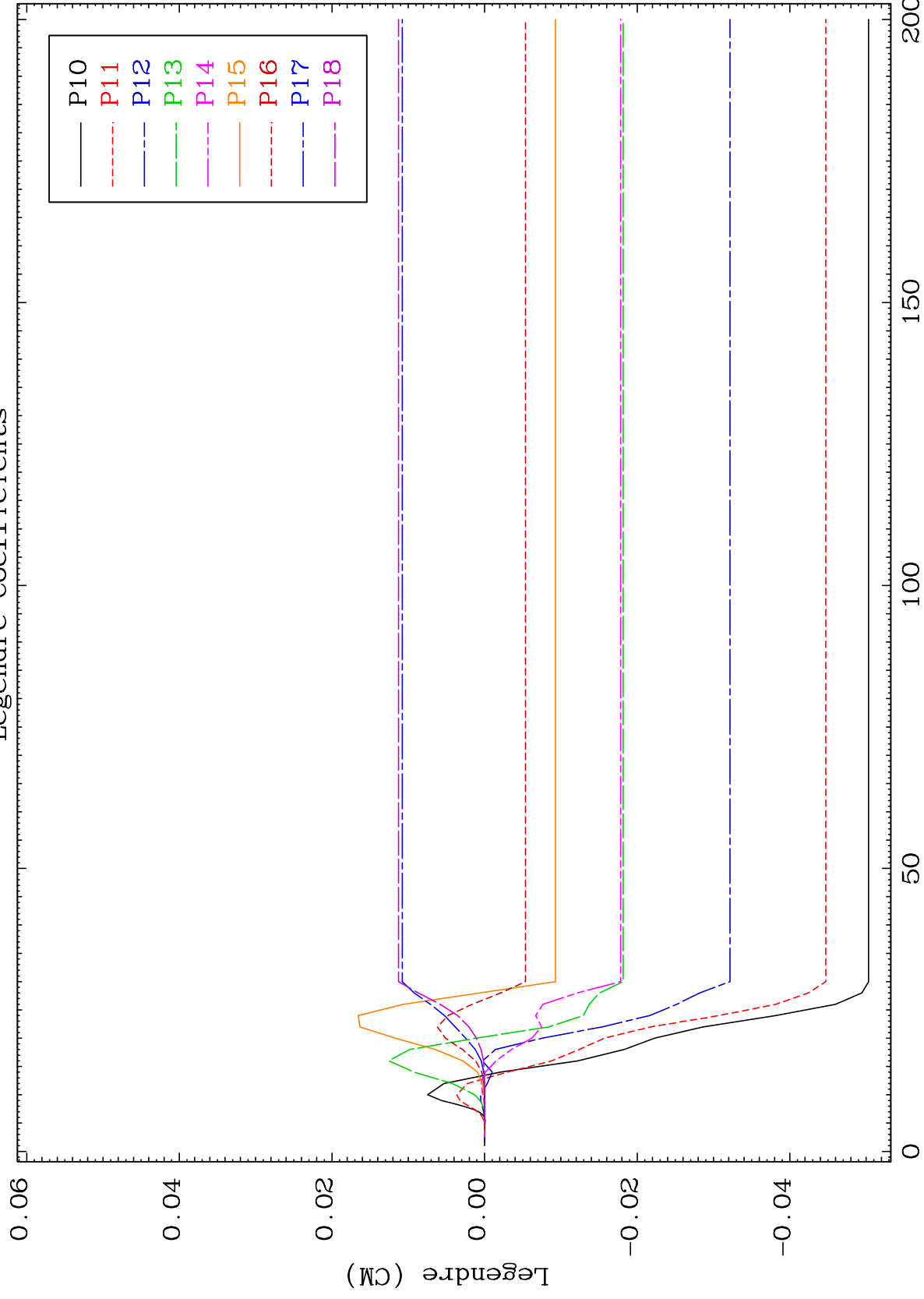
Incident Energy (MeV)

53-I -119

MAT 5301

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

53-I -119



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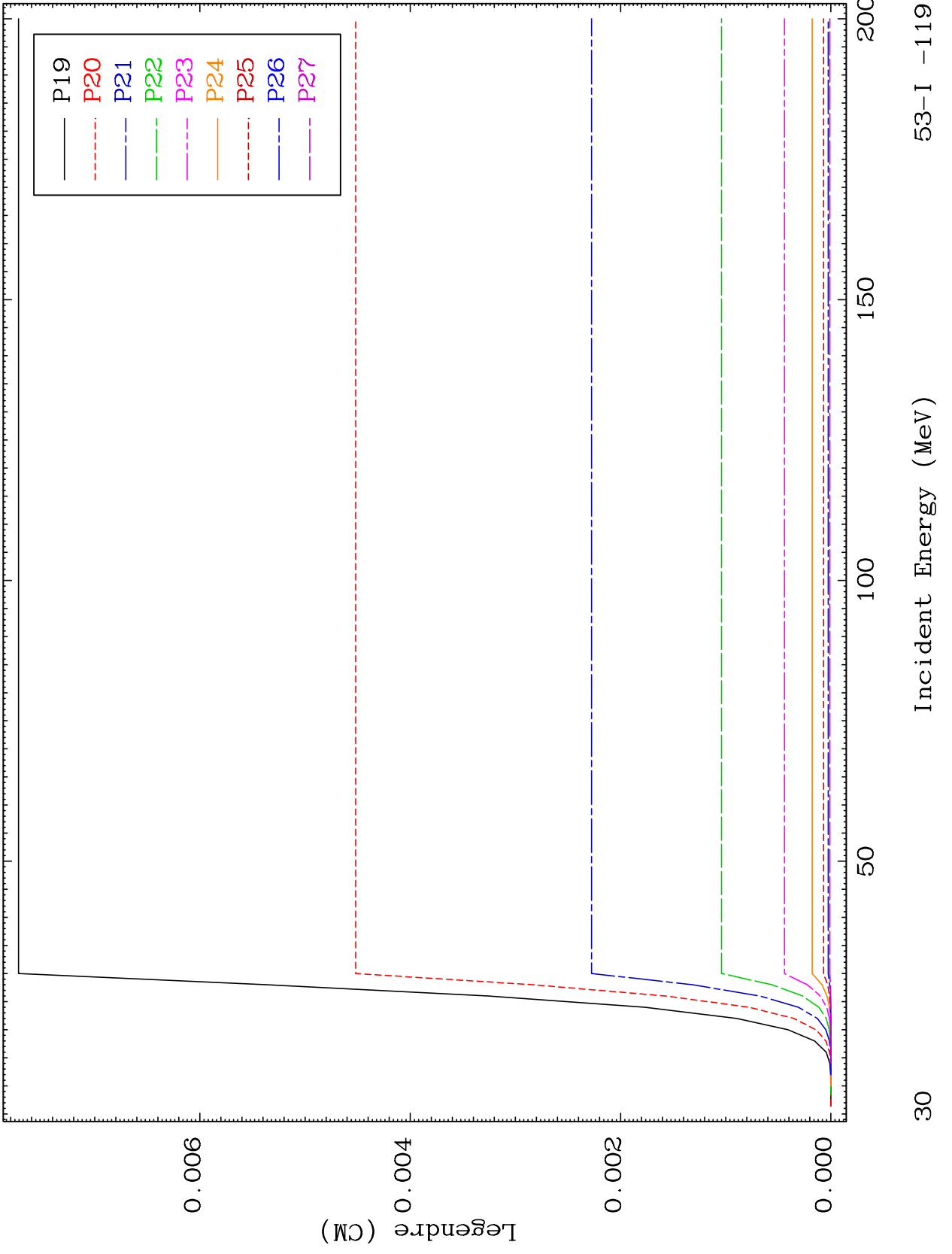
Incident Energy (MeV)

53-I -119

MAT 5301

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

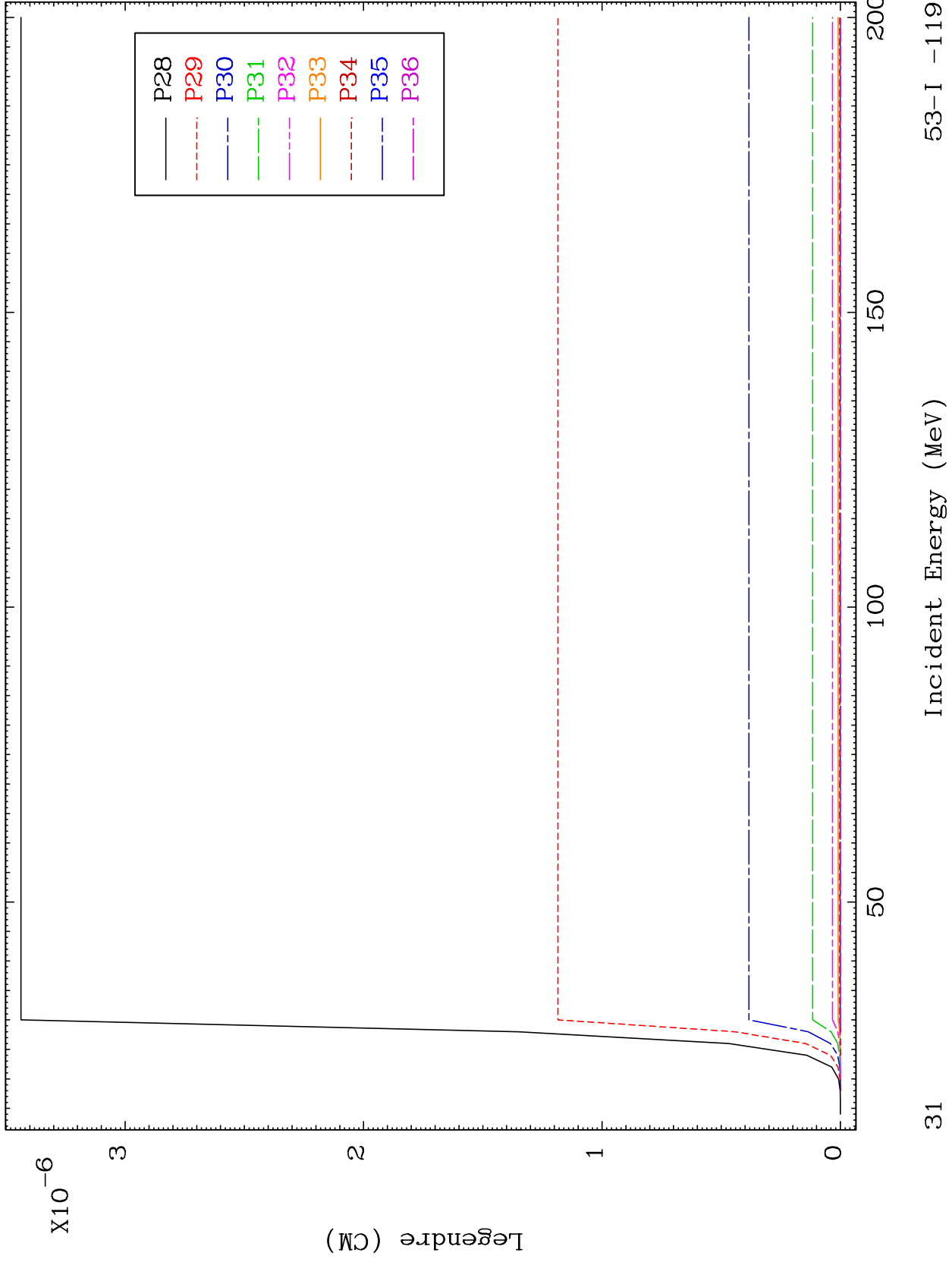
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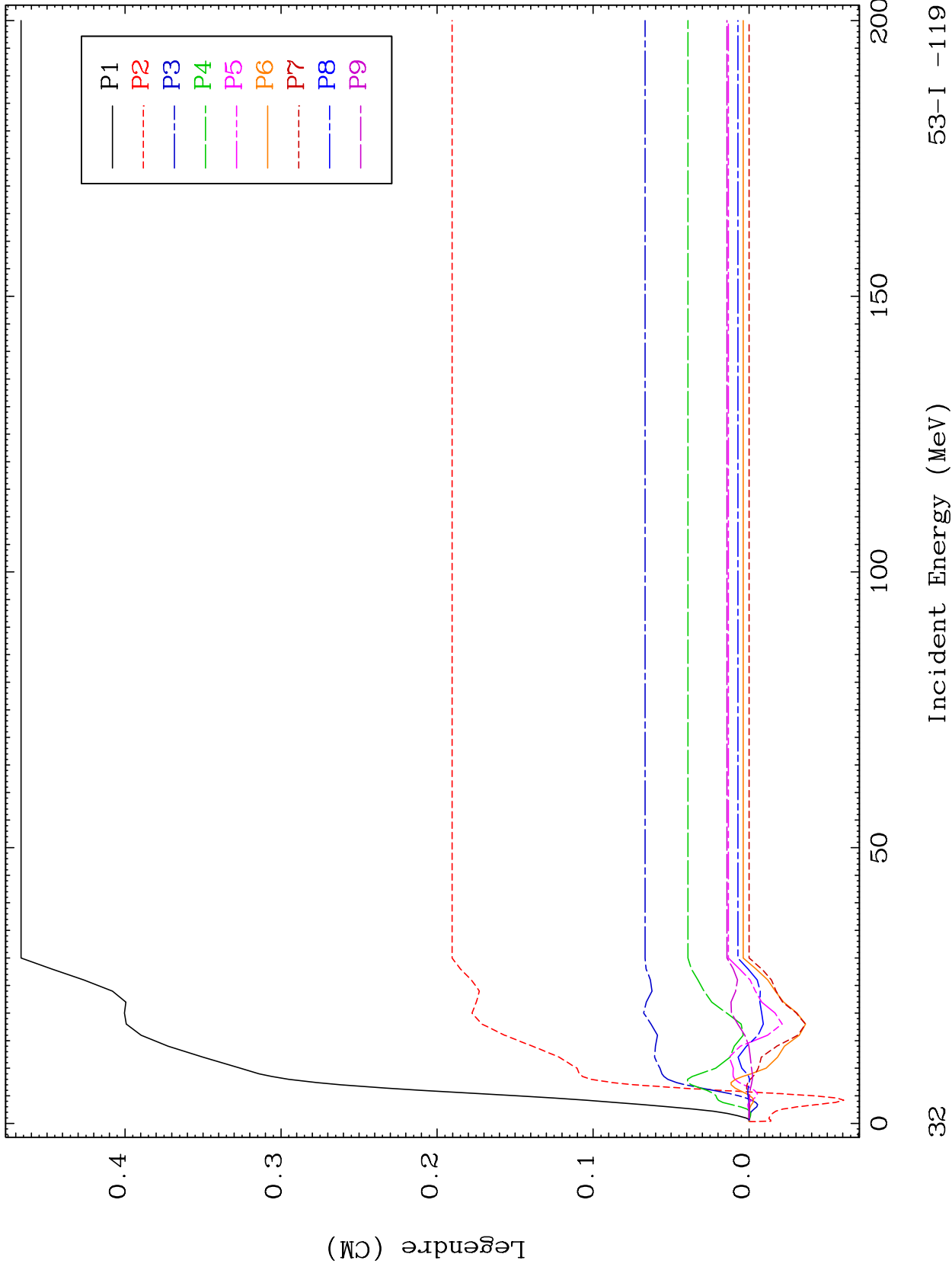


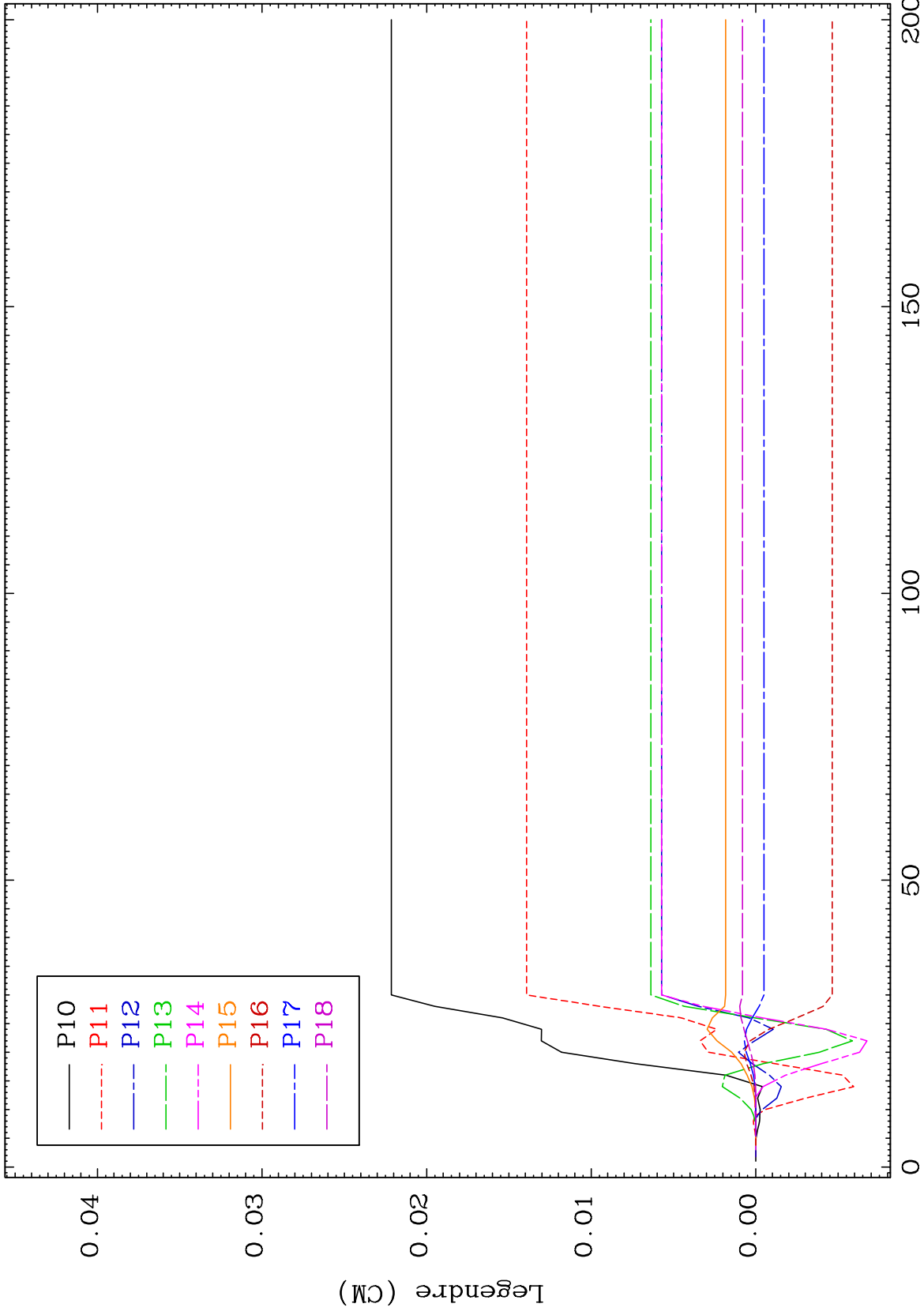
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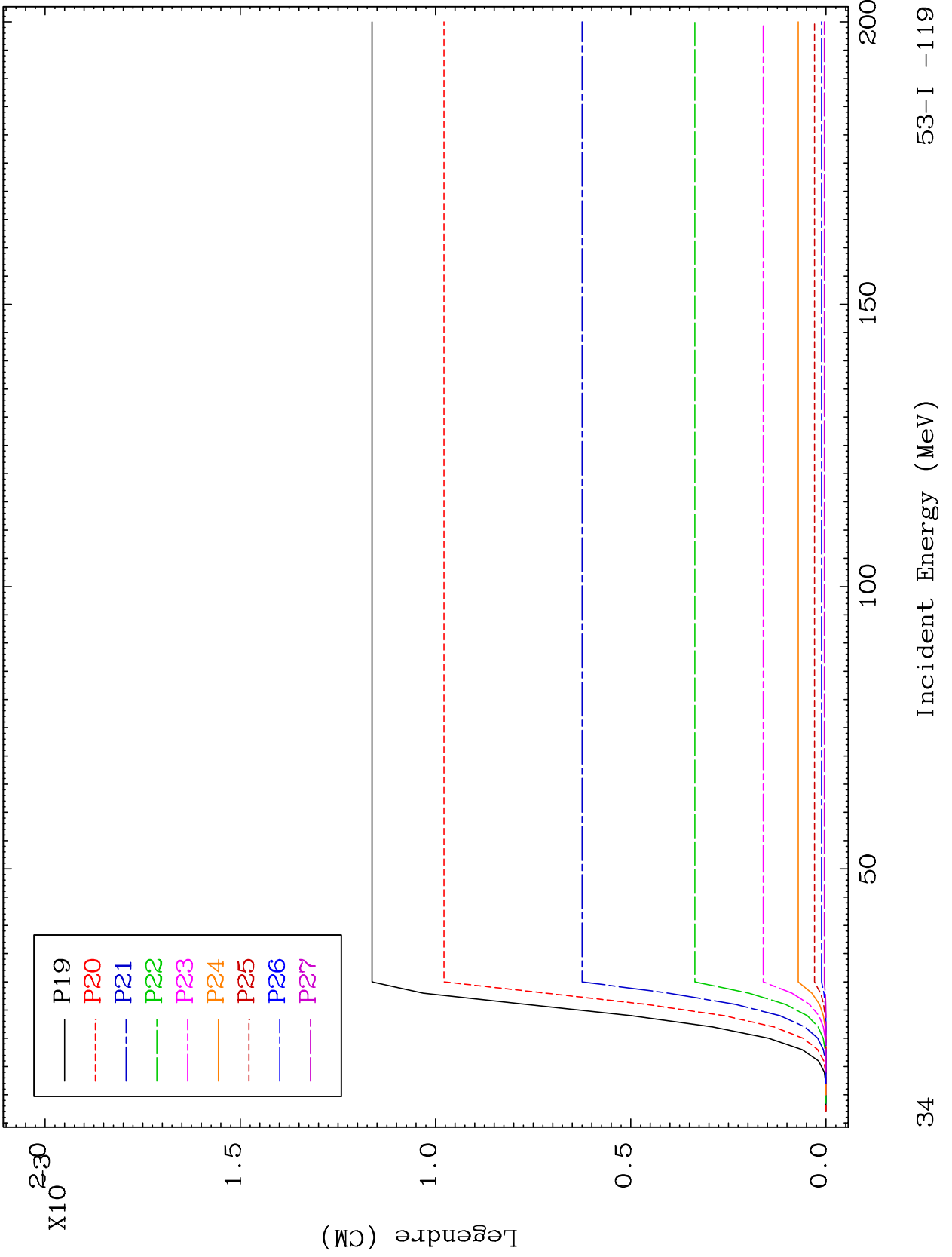
Incident Energy (MeV)

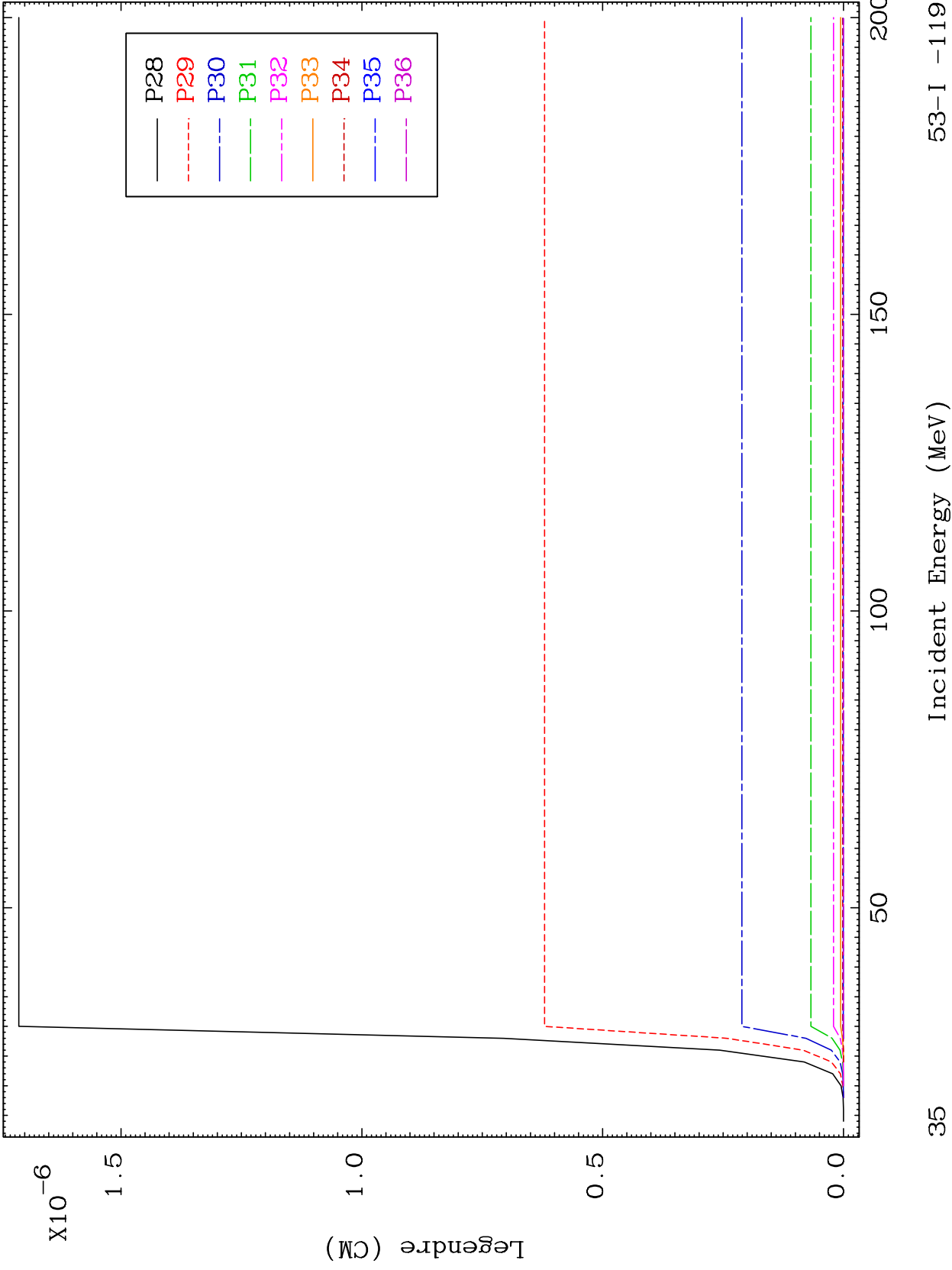
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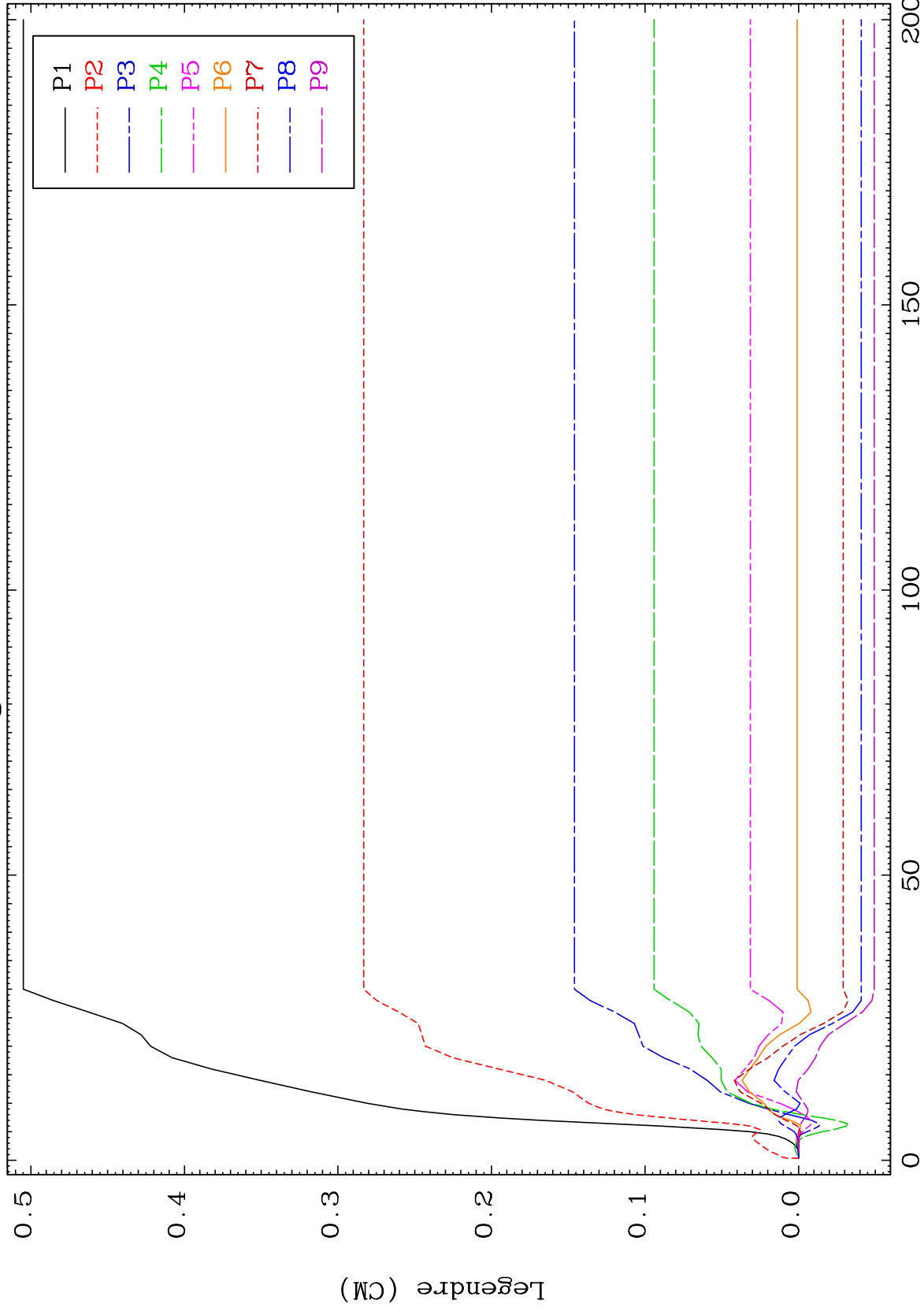




MAT 5301

MT= 55 (n,n') Level
Legendre Coefficients

53-I -119



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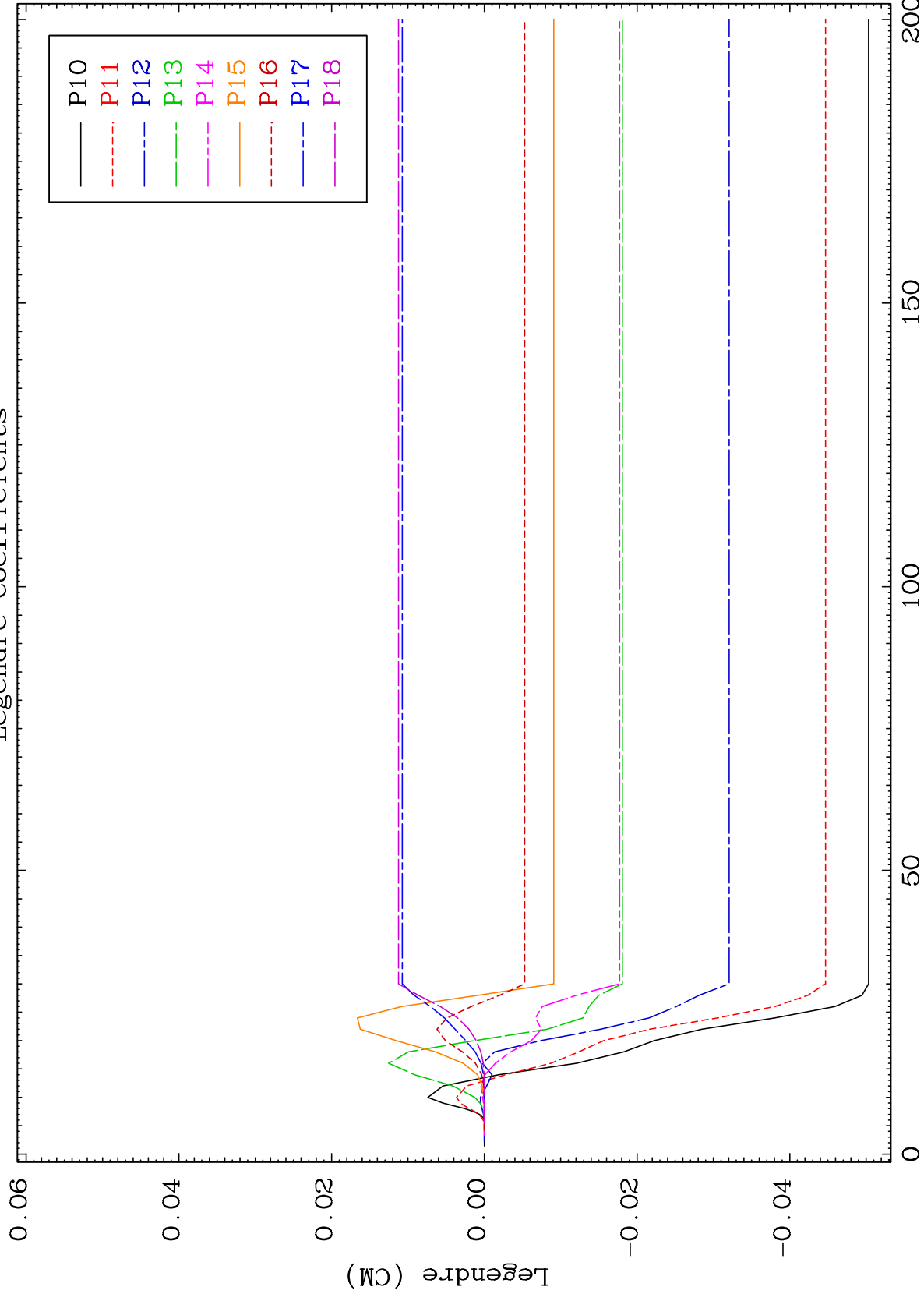
Incident Energy (MeV)

53-I -119

MAT 5301

MT= 55 (n,n') Level
Legendre Coefficients

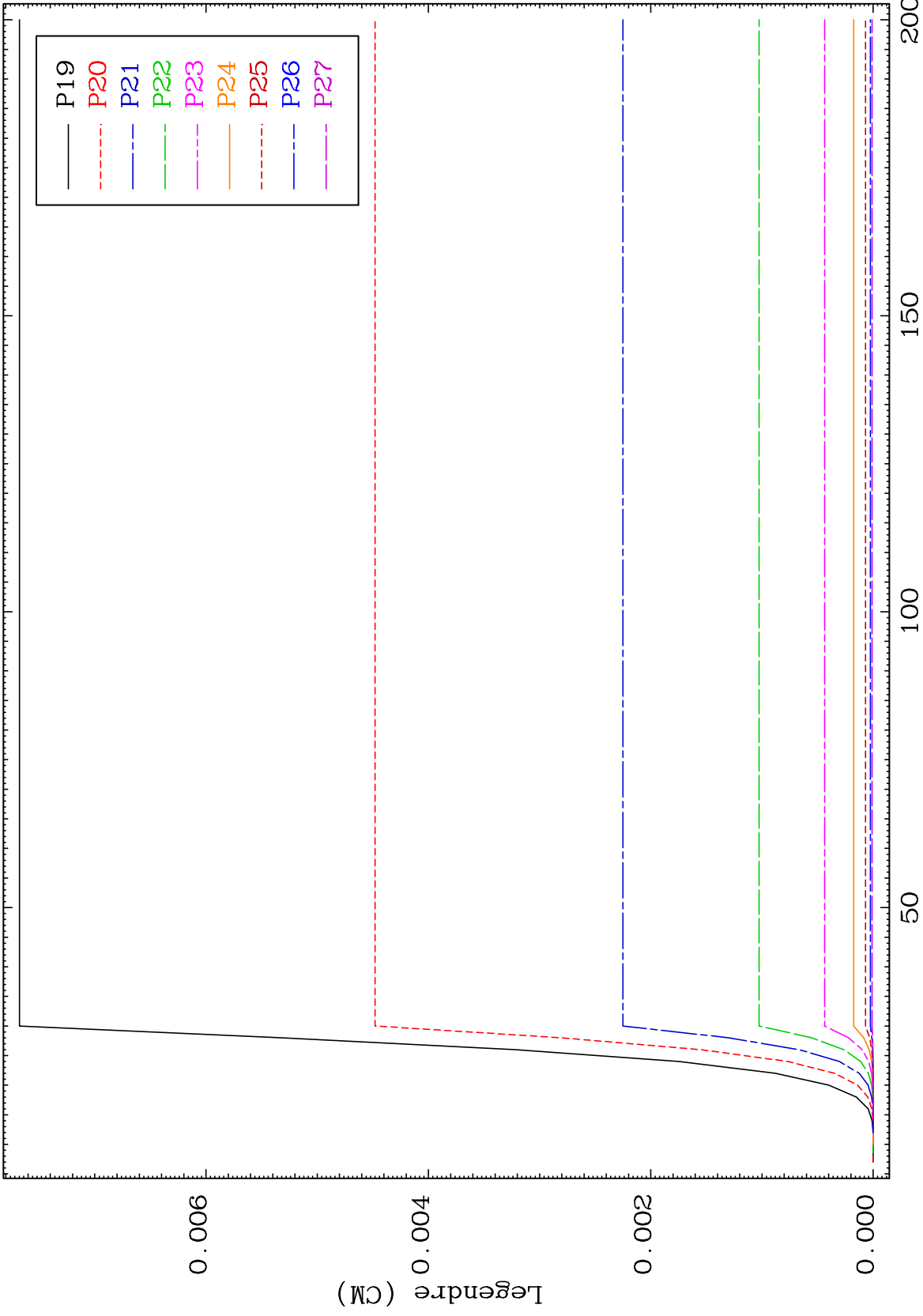
53-I -119



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Incident Energy (MeV)

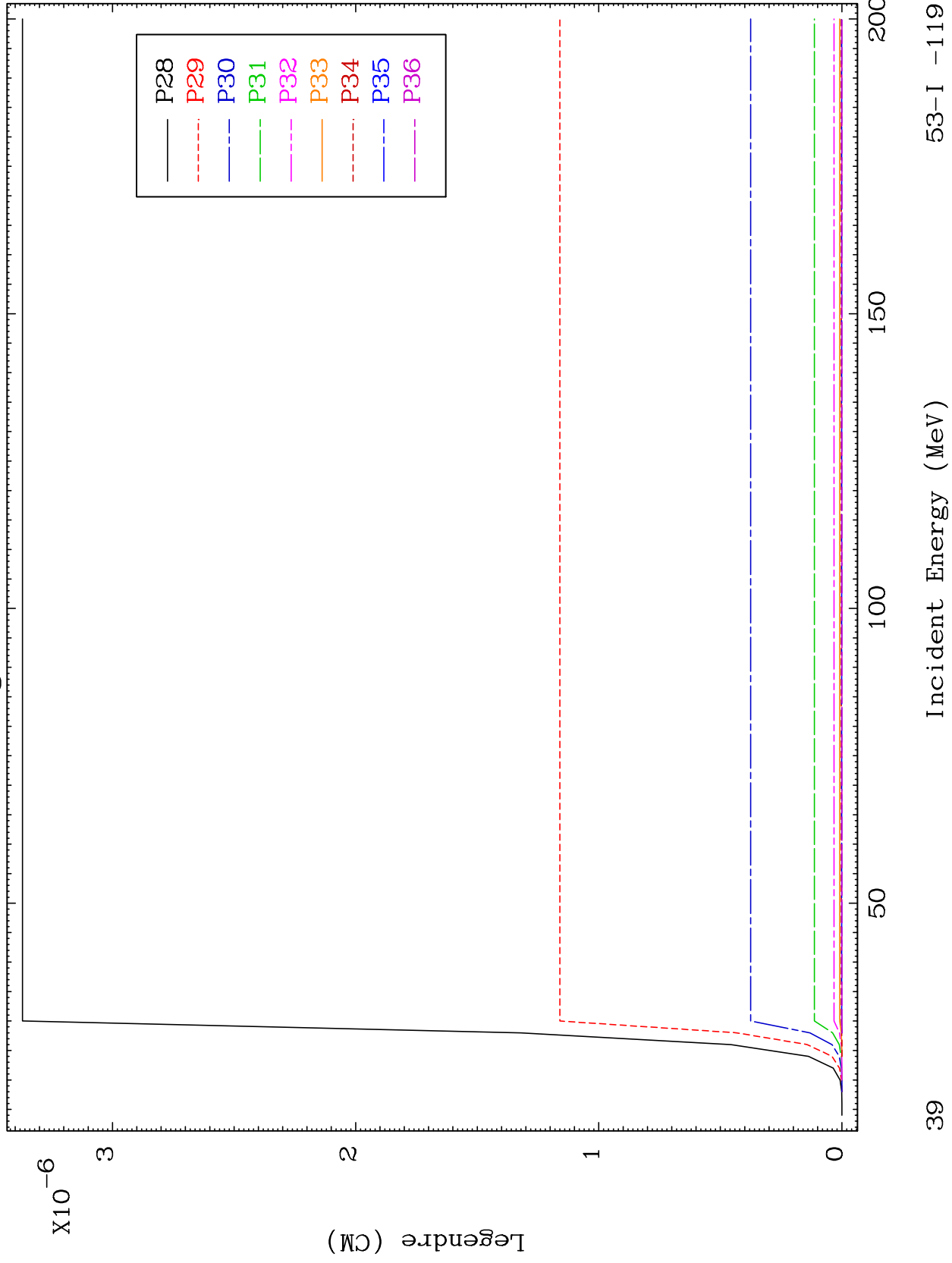
53-I -119



MAT 5301

MT= 55 (n,n') Level
Legendre Coefficients

53-I -119



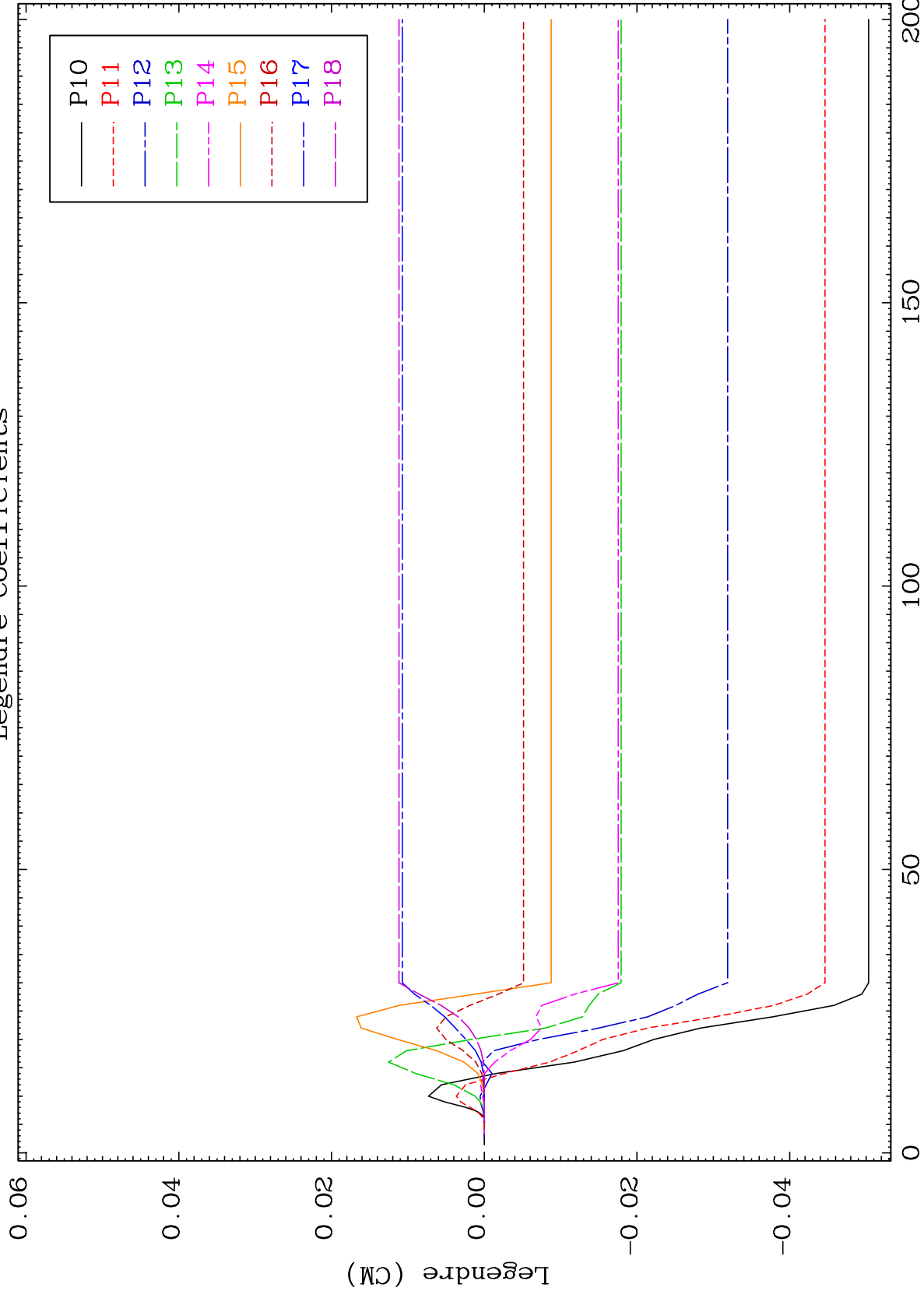
39

53-I -119

MAT 5301

MT= 56 (n,n') Level
Legendre Coefficients

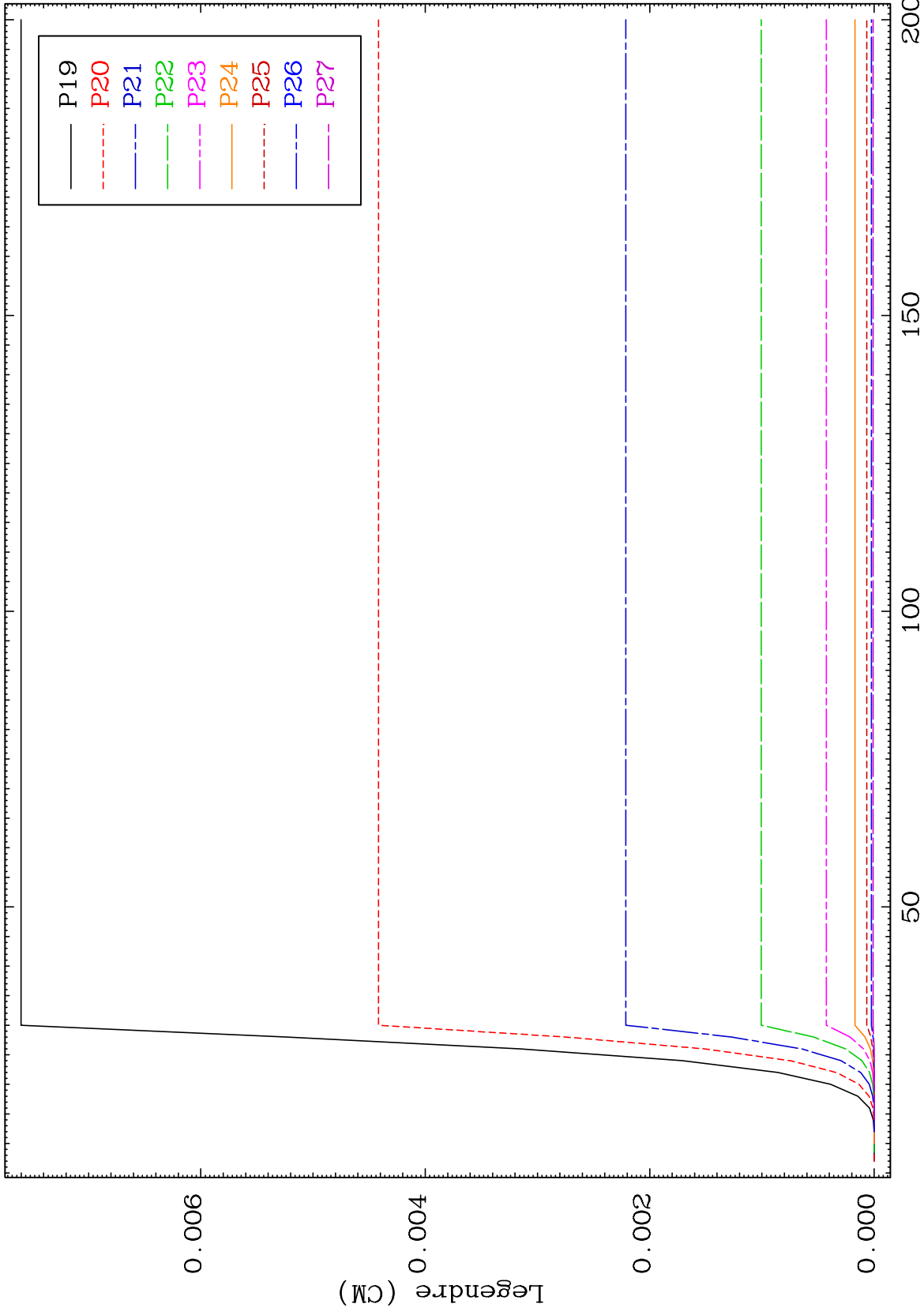
53-I -119



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Incident Energy (MeV)

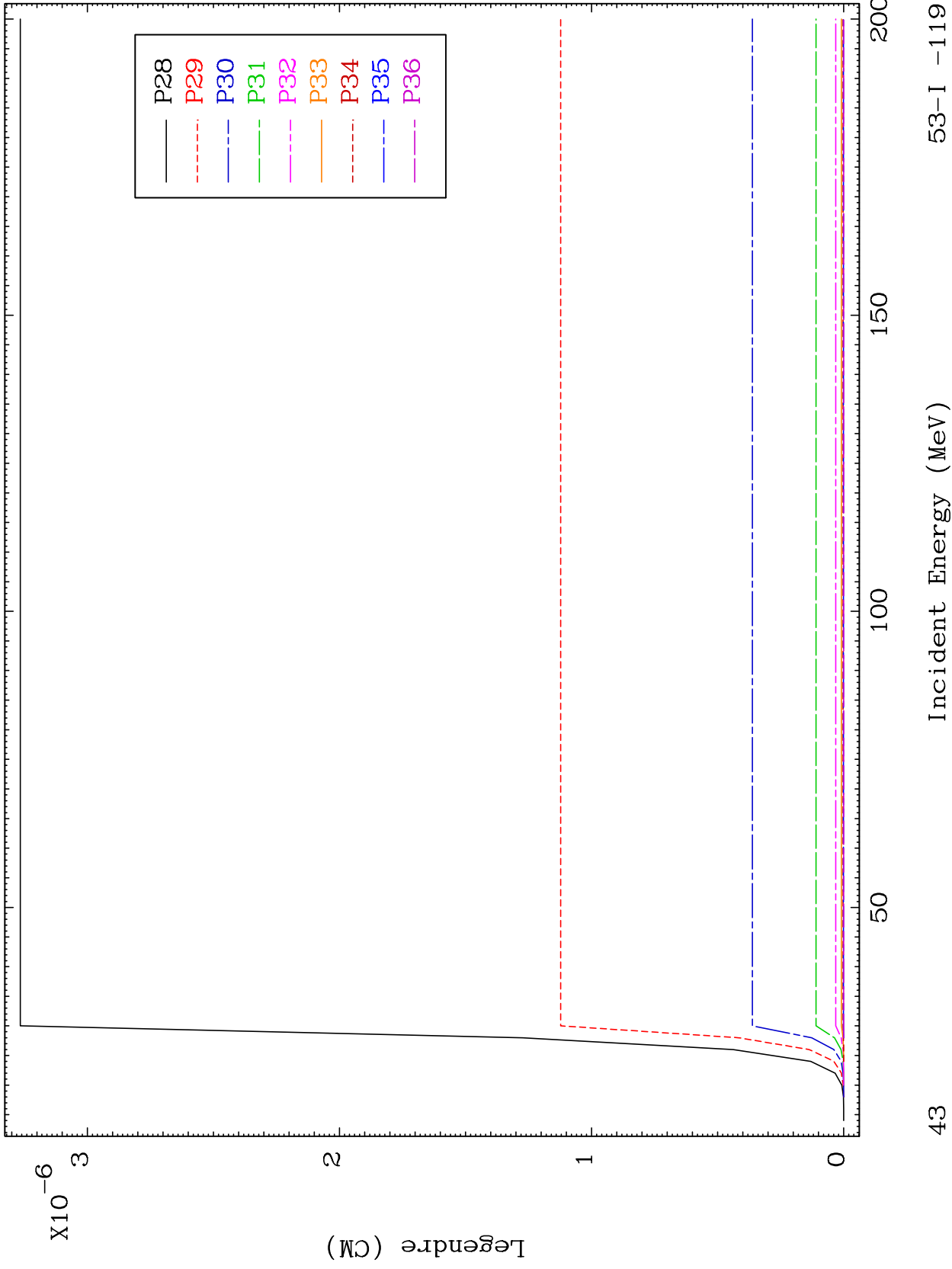
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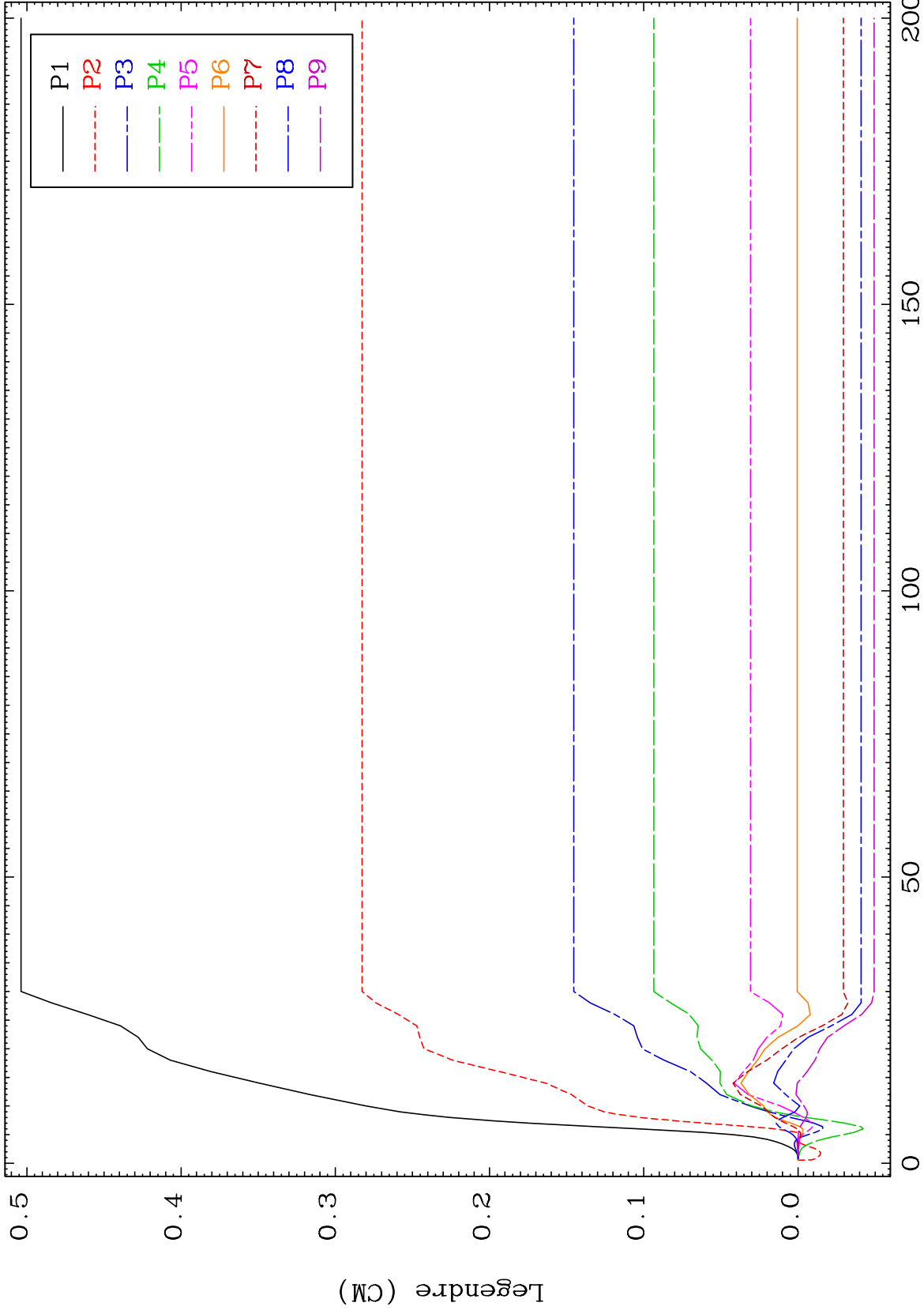


MAT 5301

MT= 56 (n,n') Level
Legendre Coefficients

53-I -119

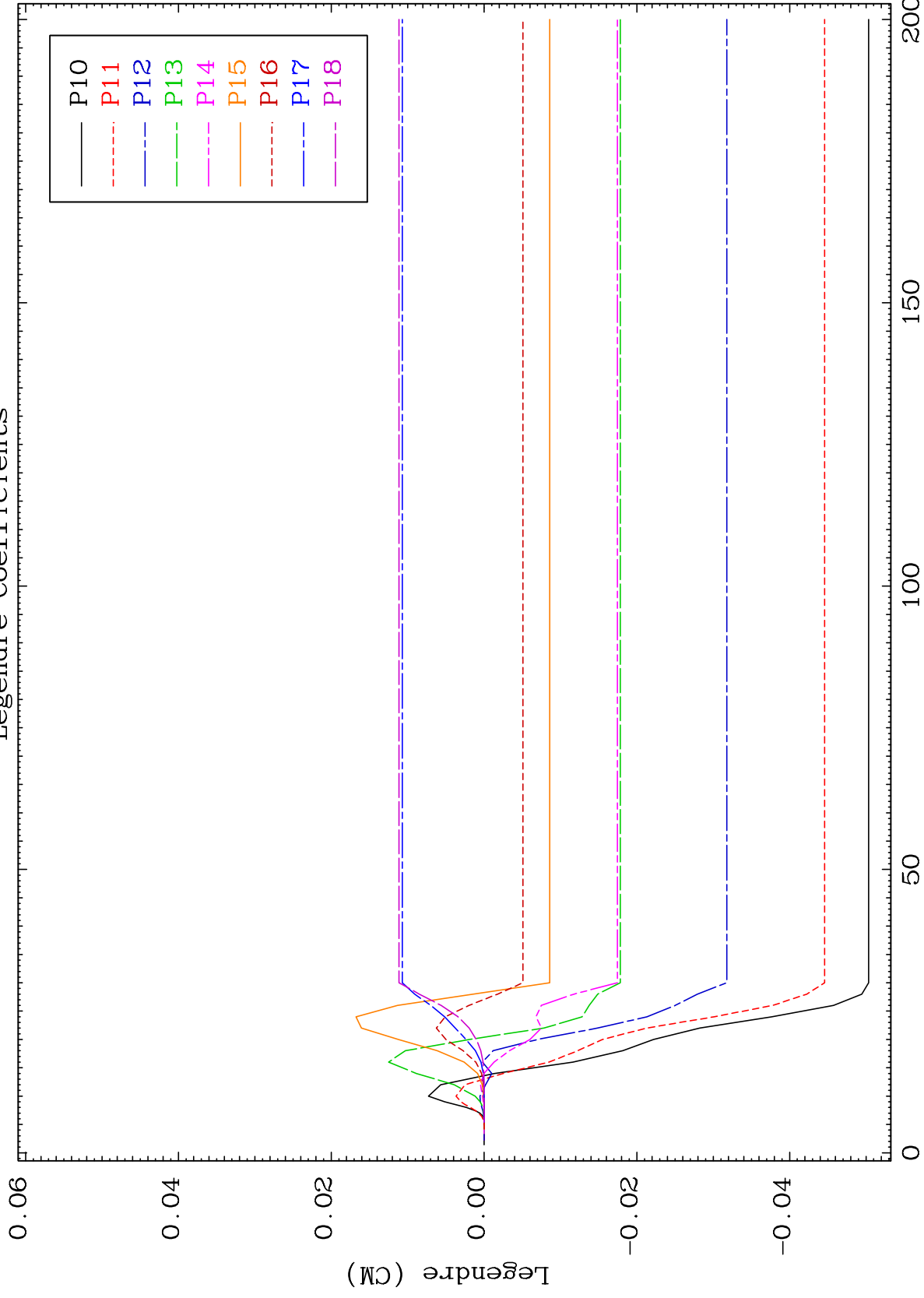




MAT 5301

MT= 57 (n,n') Level
Legendre Coefficients

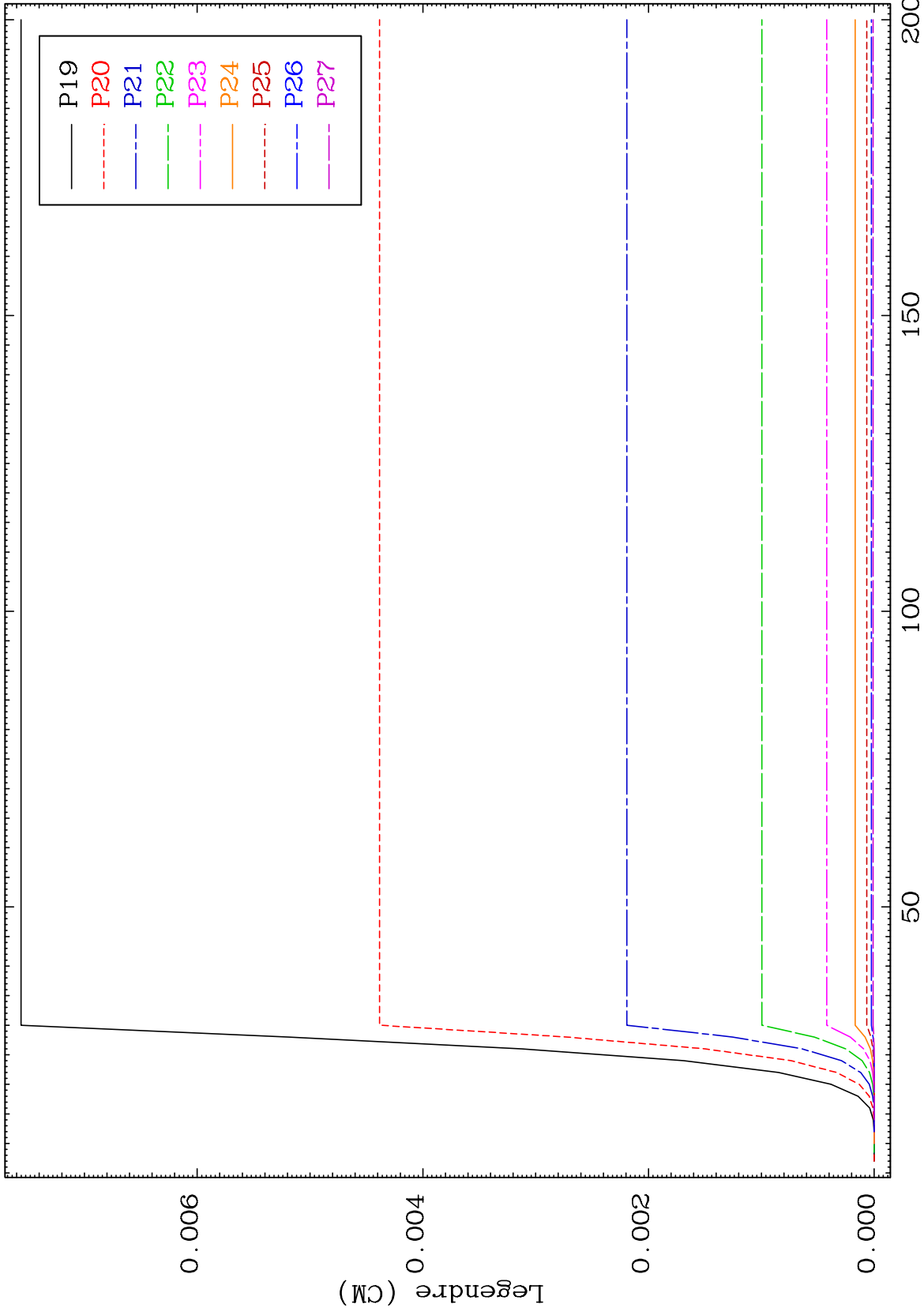
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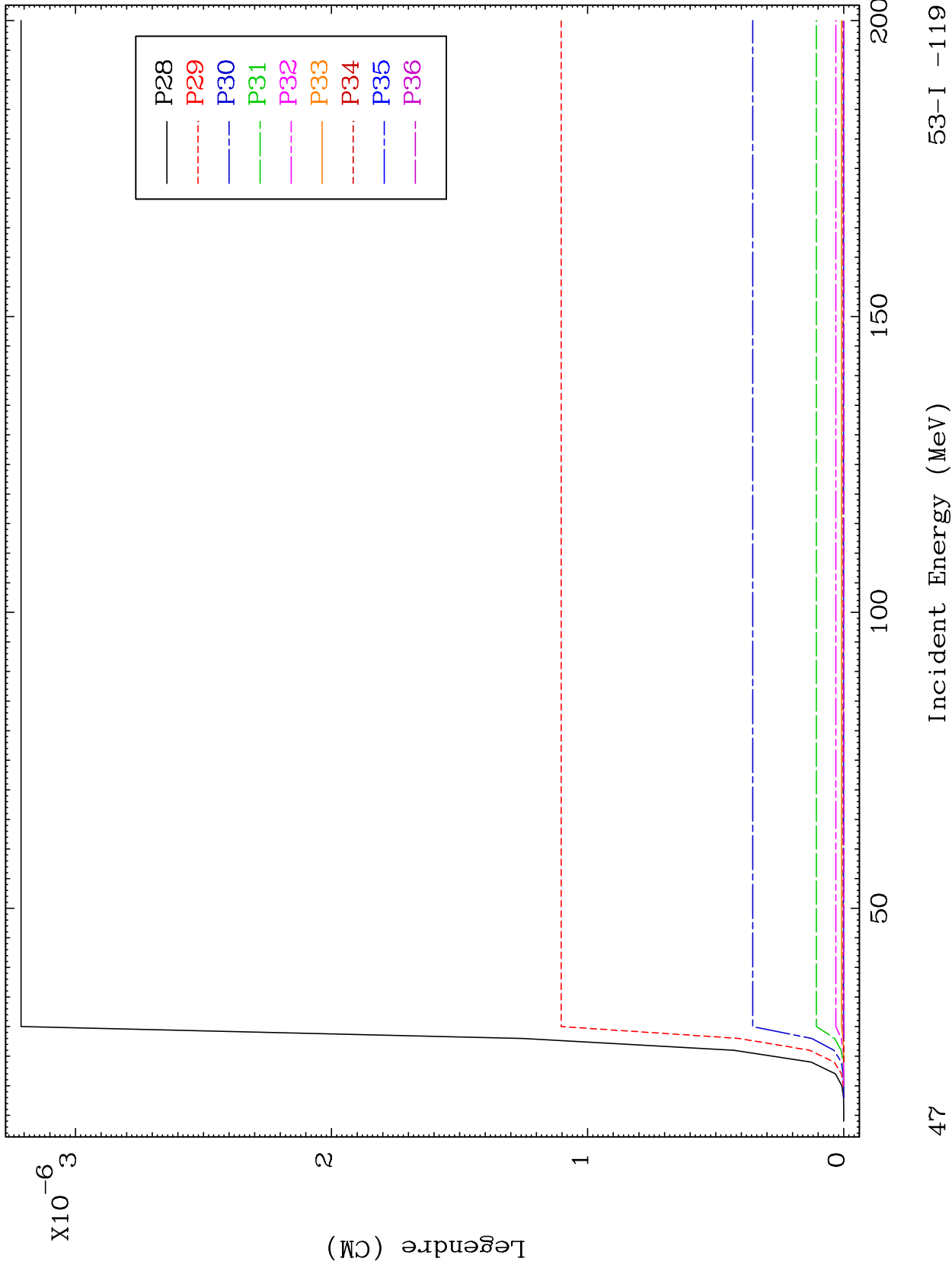


45

Incident Energy (MeV)

53-I -119

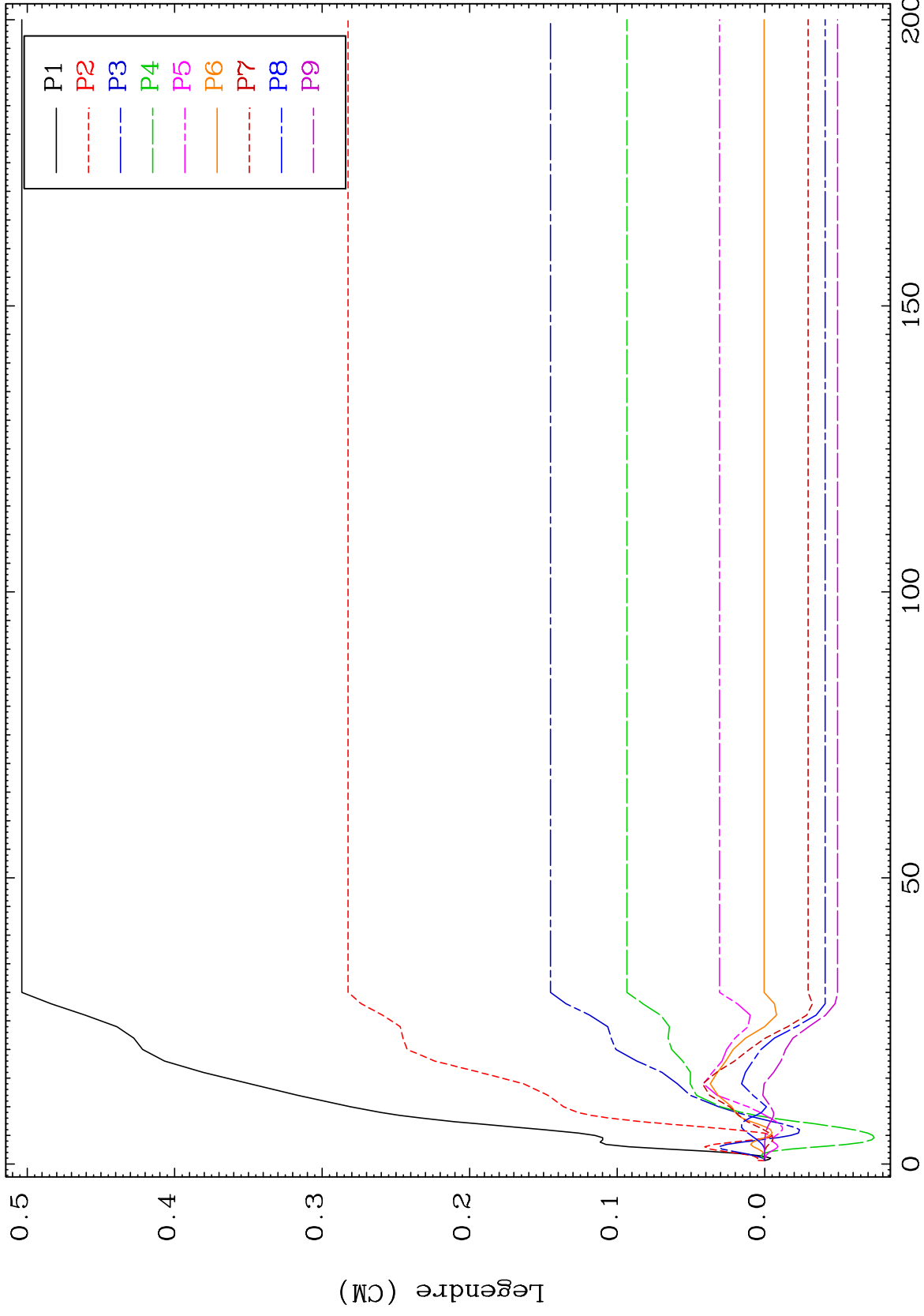




MAT 5301

MT= 58 (n,n') Level
Legendre Coefficients

53-I -119



53-I -119

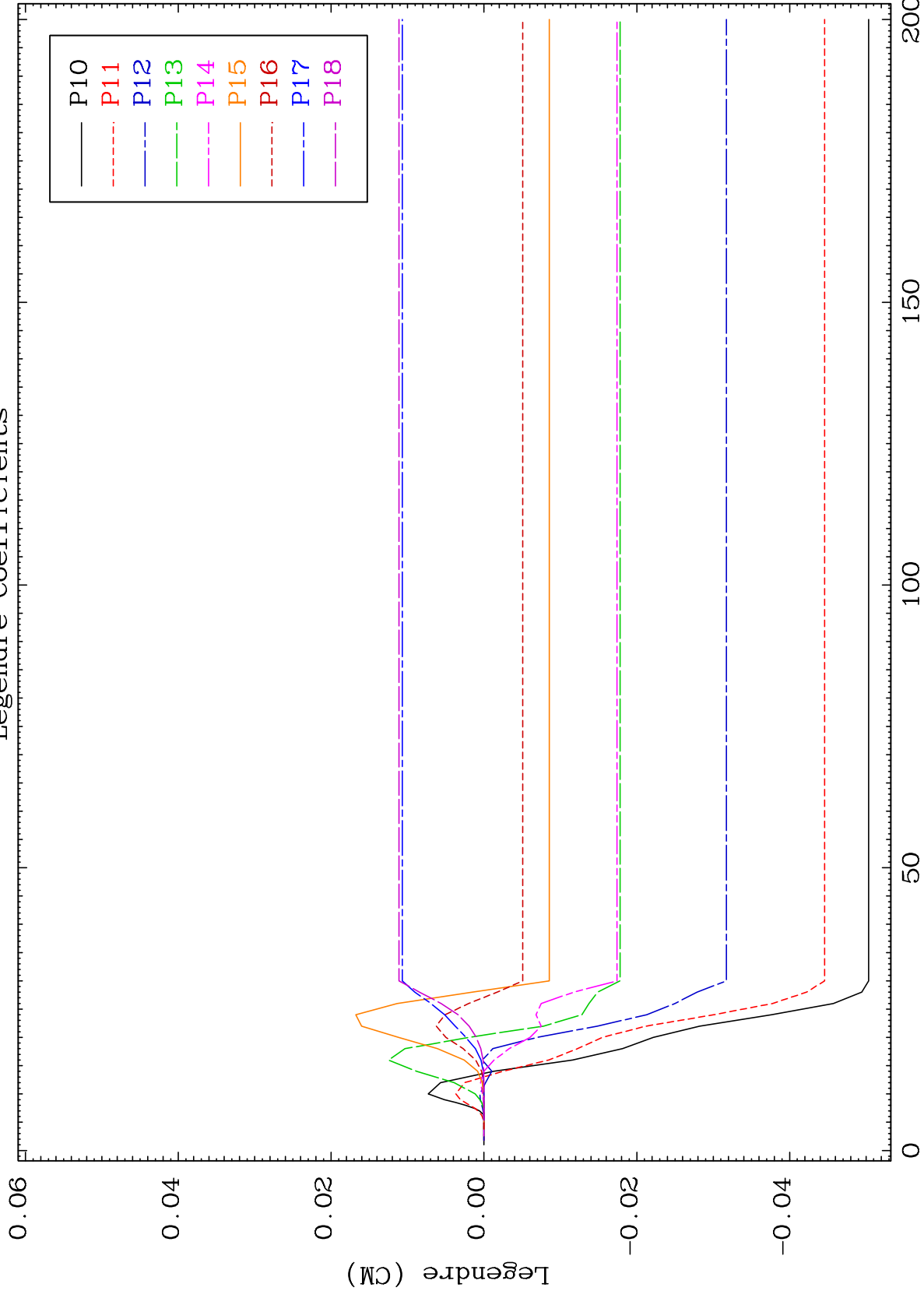
Incident Energy (MeV)

48

MAT 5301

MT= 58 (n,n') Level
Legendre Coefficients

53-I -119



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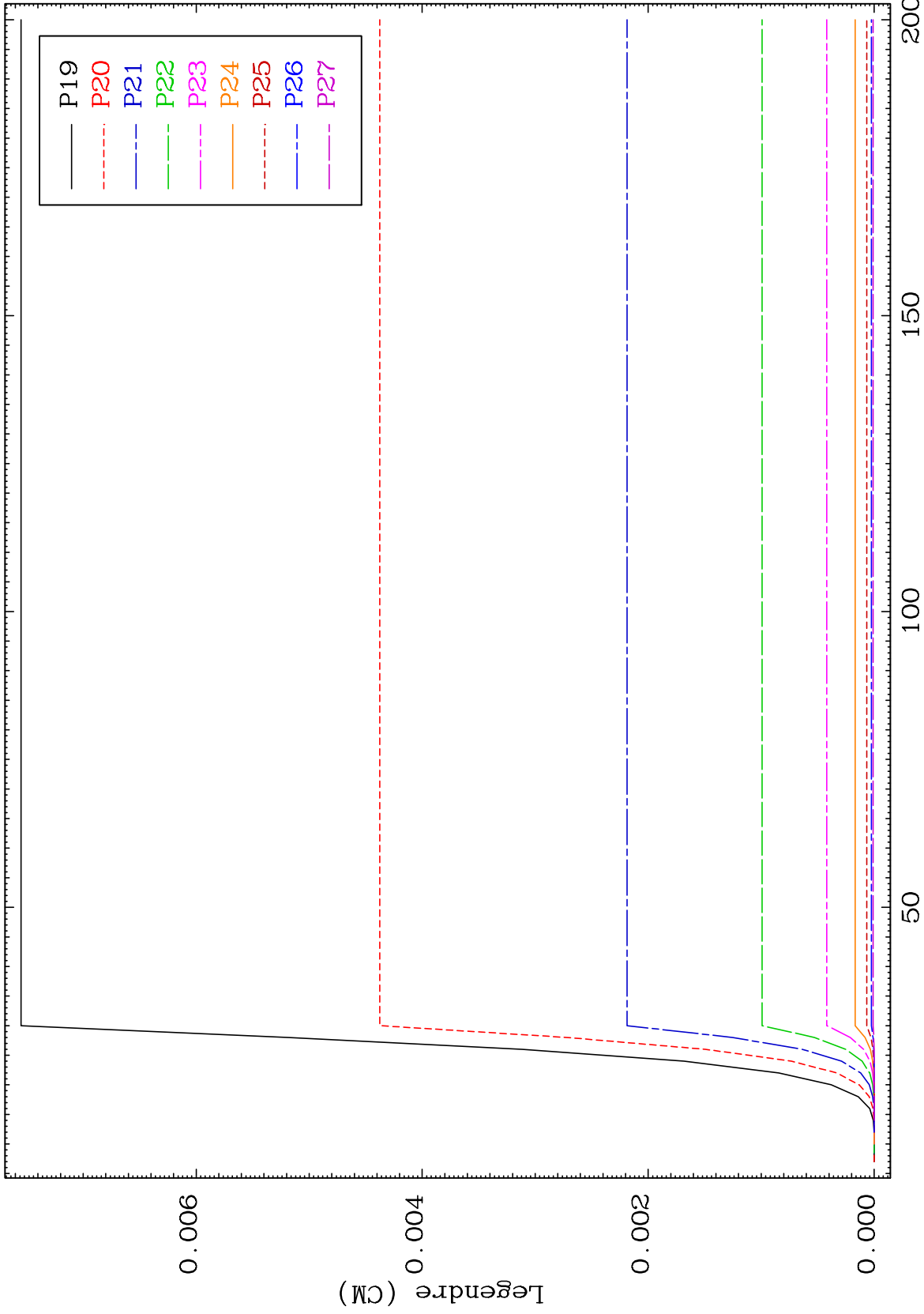
Incident Energy (MeV)

53-I -119

MAT 5301

MT= 58 (n,n') Level
Legendre Coefficients

53-I -119



50

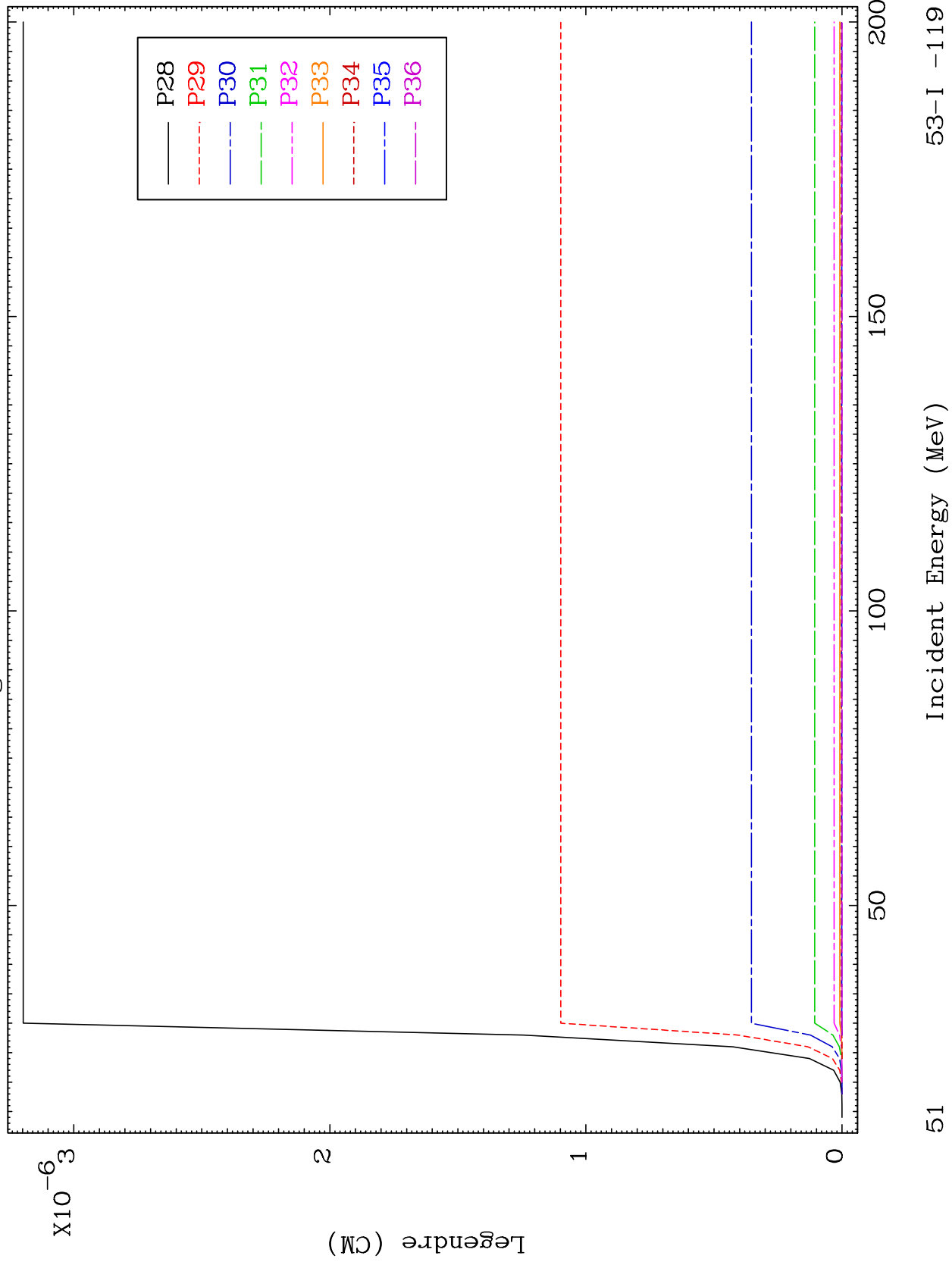
Incident Energy (MeV)

53-I -119

MAT 5301

MT= 58 (n,n') Level
Legendre Coefficients

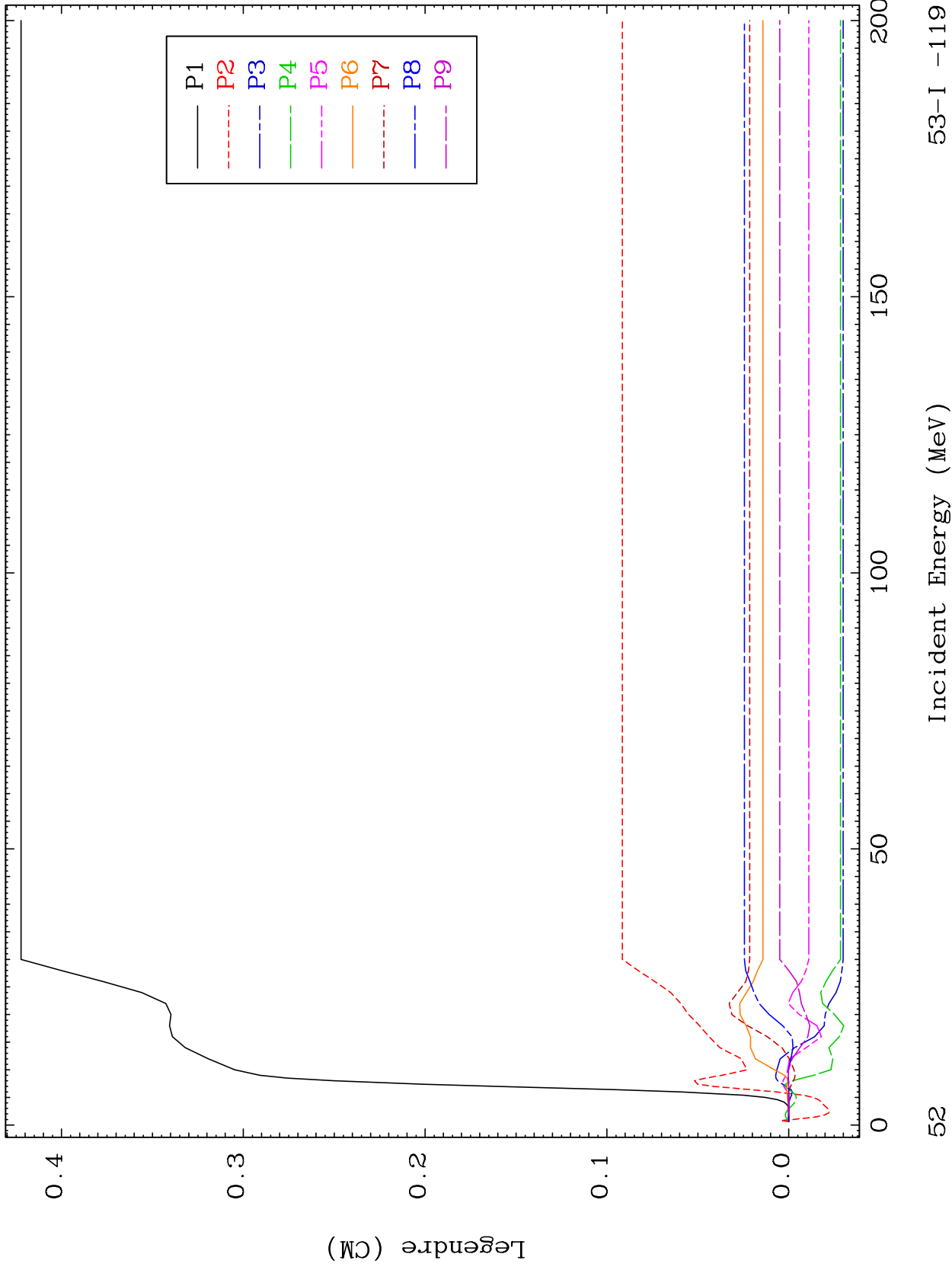
53-I -119



51

Incident Energy (MeV)

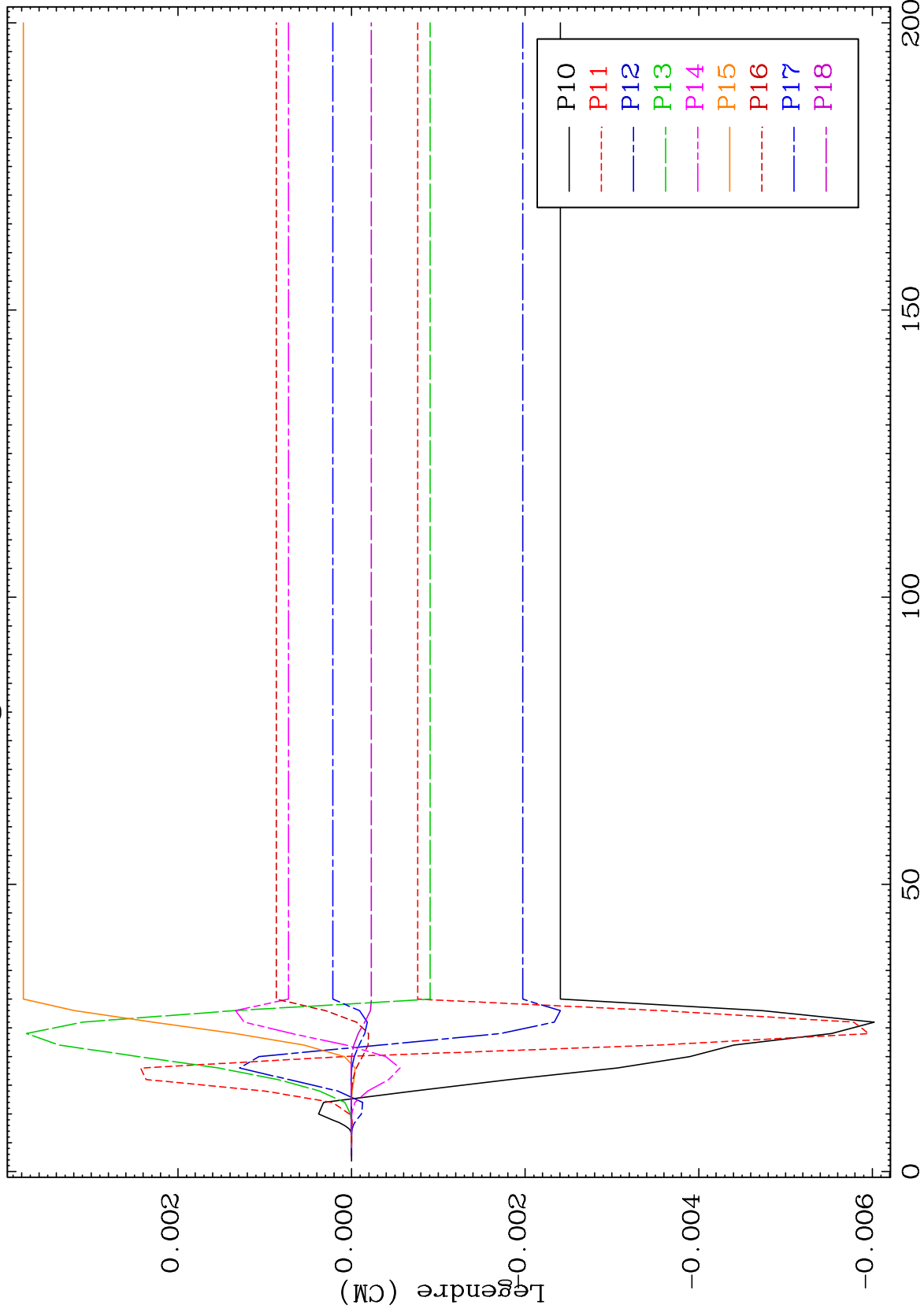
53-I -119



MAT 5301

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

53-I -119

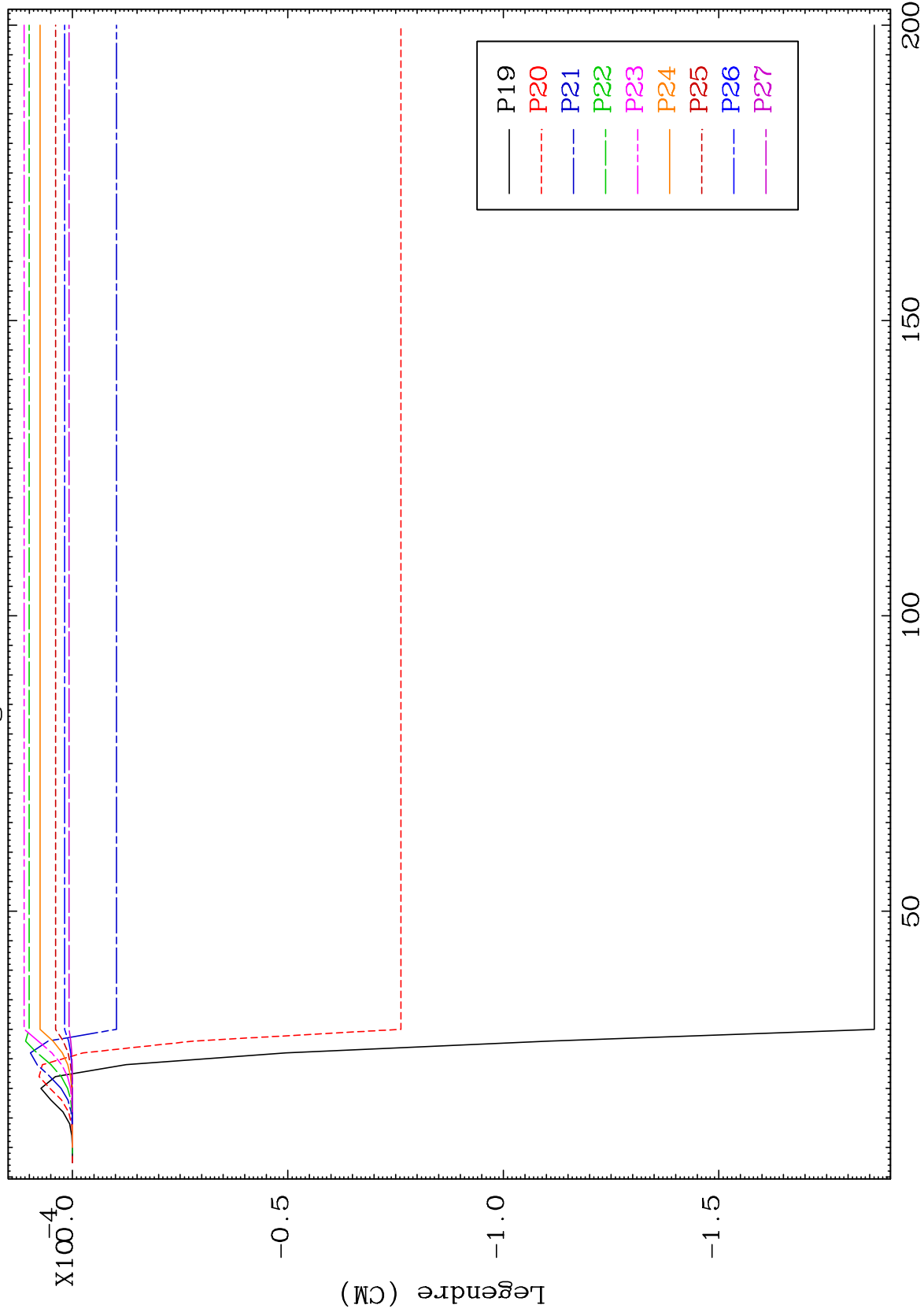


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Incident Energy (MeV)

53-I -119

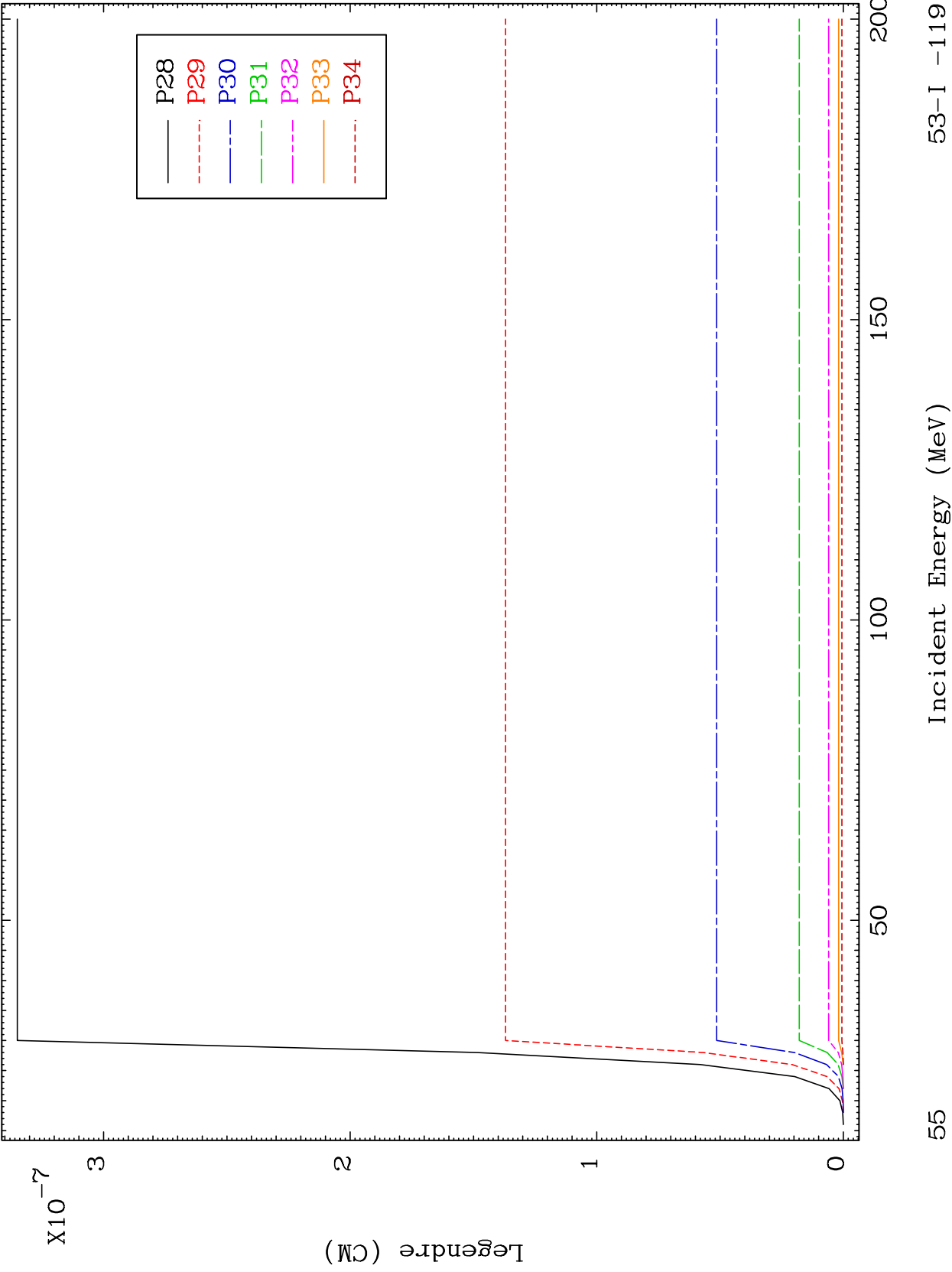
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Legendre Coefficients

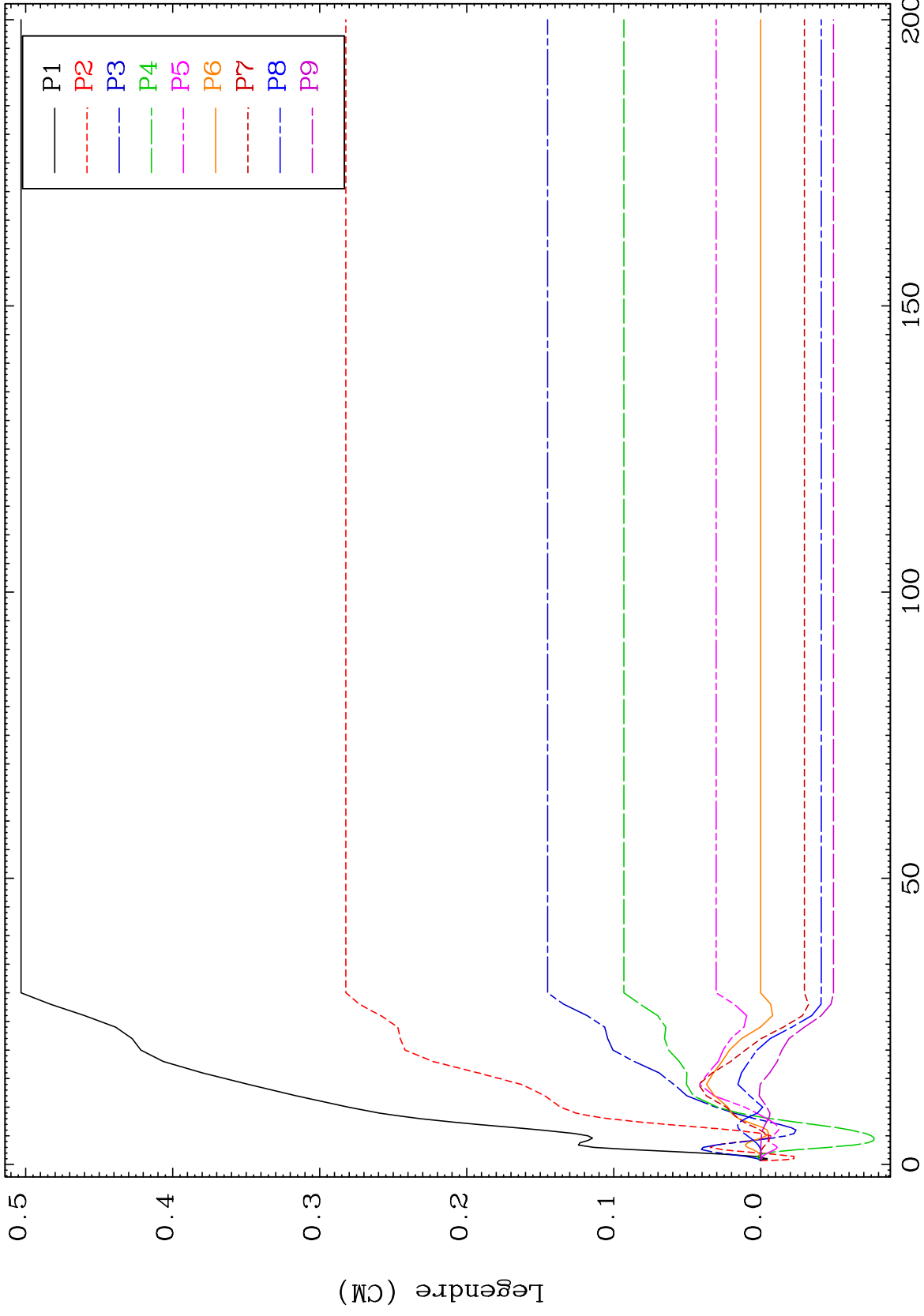


MAT 5301

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

53-I -119

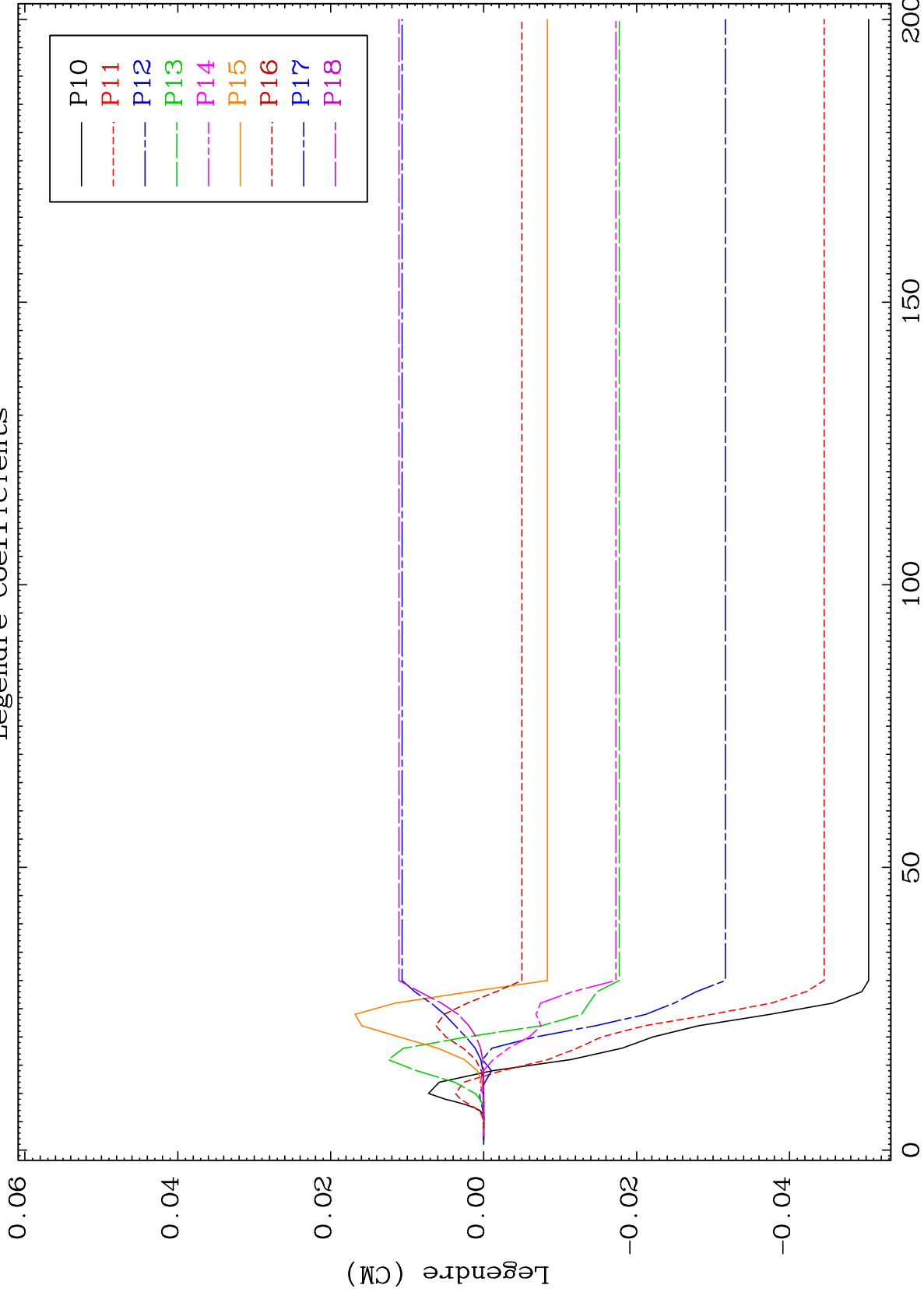




MAT 5301

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

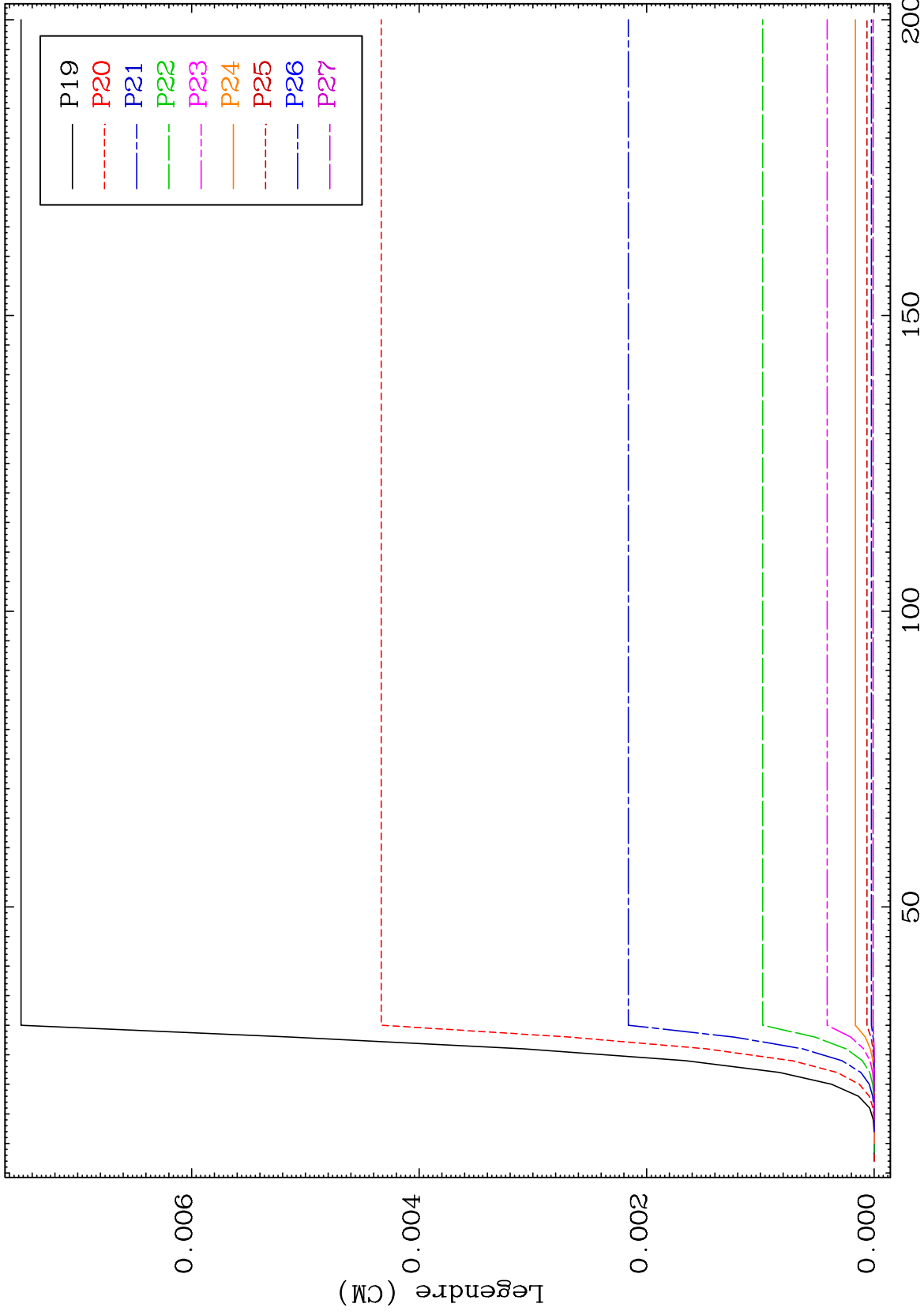
53-I -119



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Incident Energy (MeV)

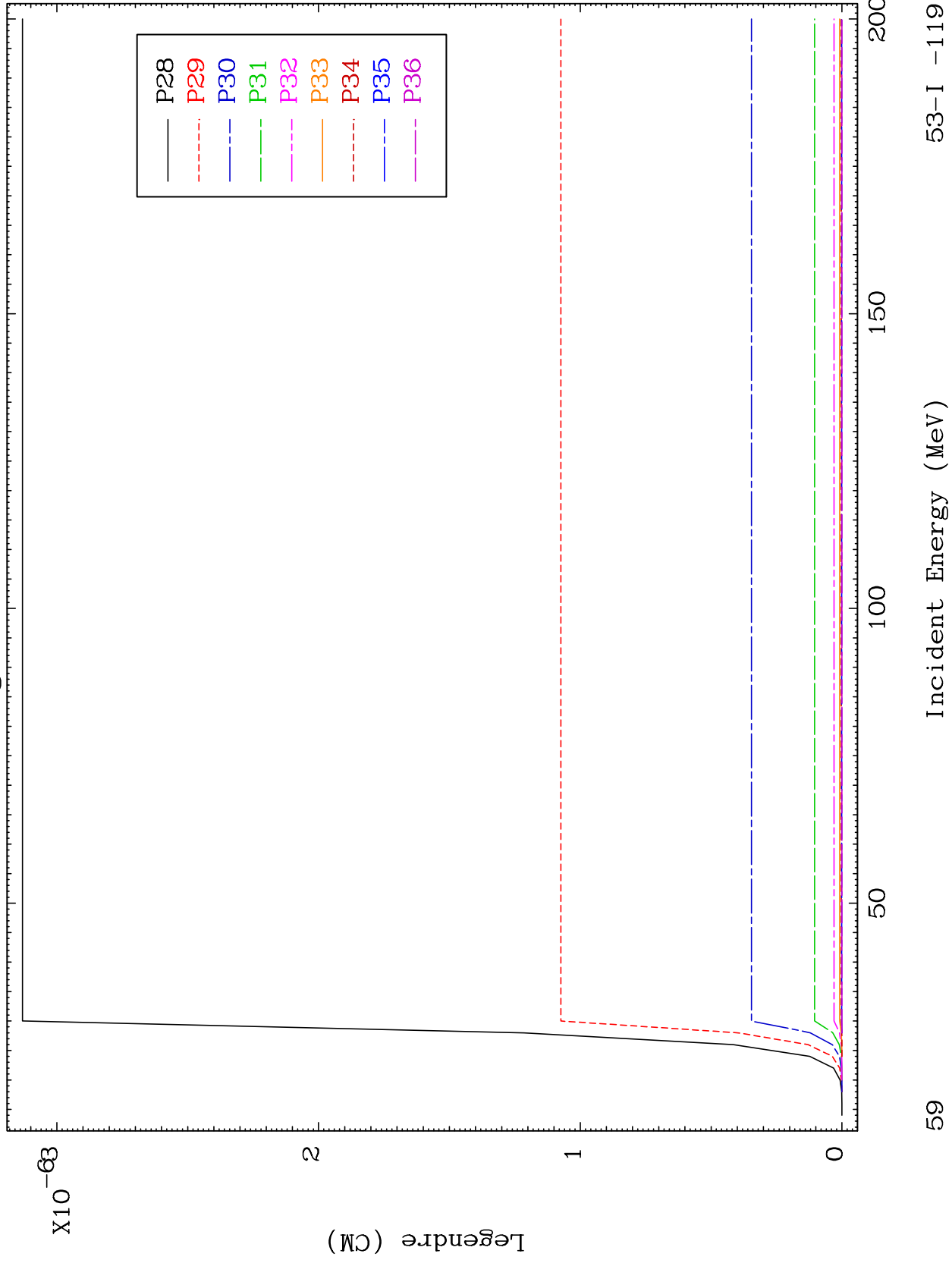
53-I -119



MAT 5301

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

53-I -119



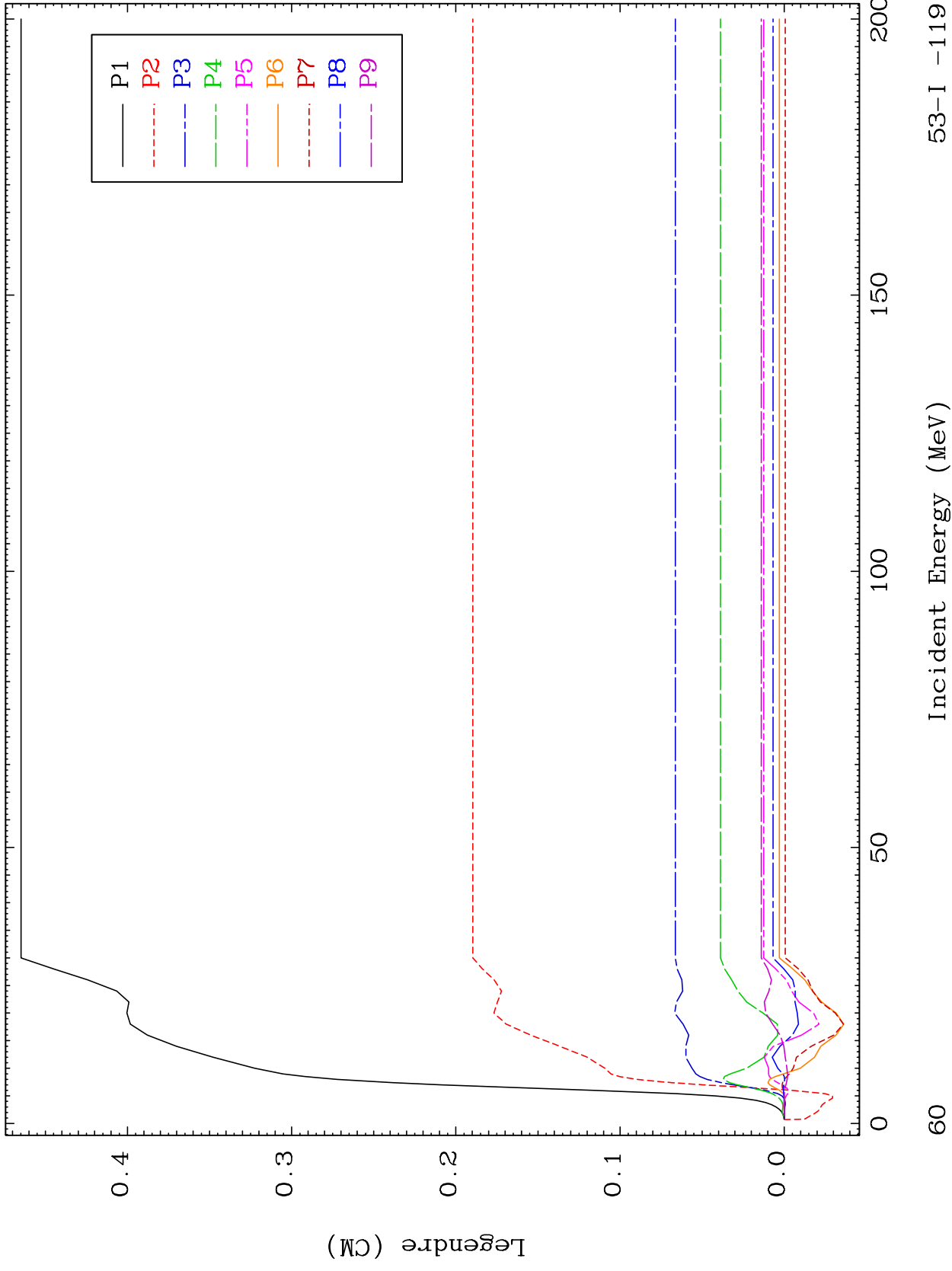
59

53-I -119

MAT 5301

MT= 61 (n,n') Level
Legendre Coefficients

53-I -119



53-I -119

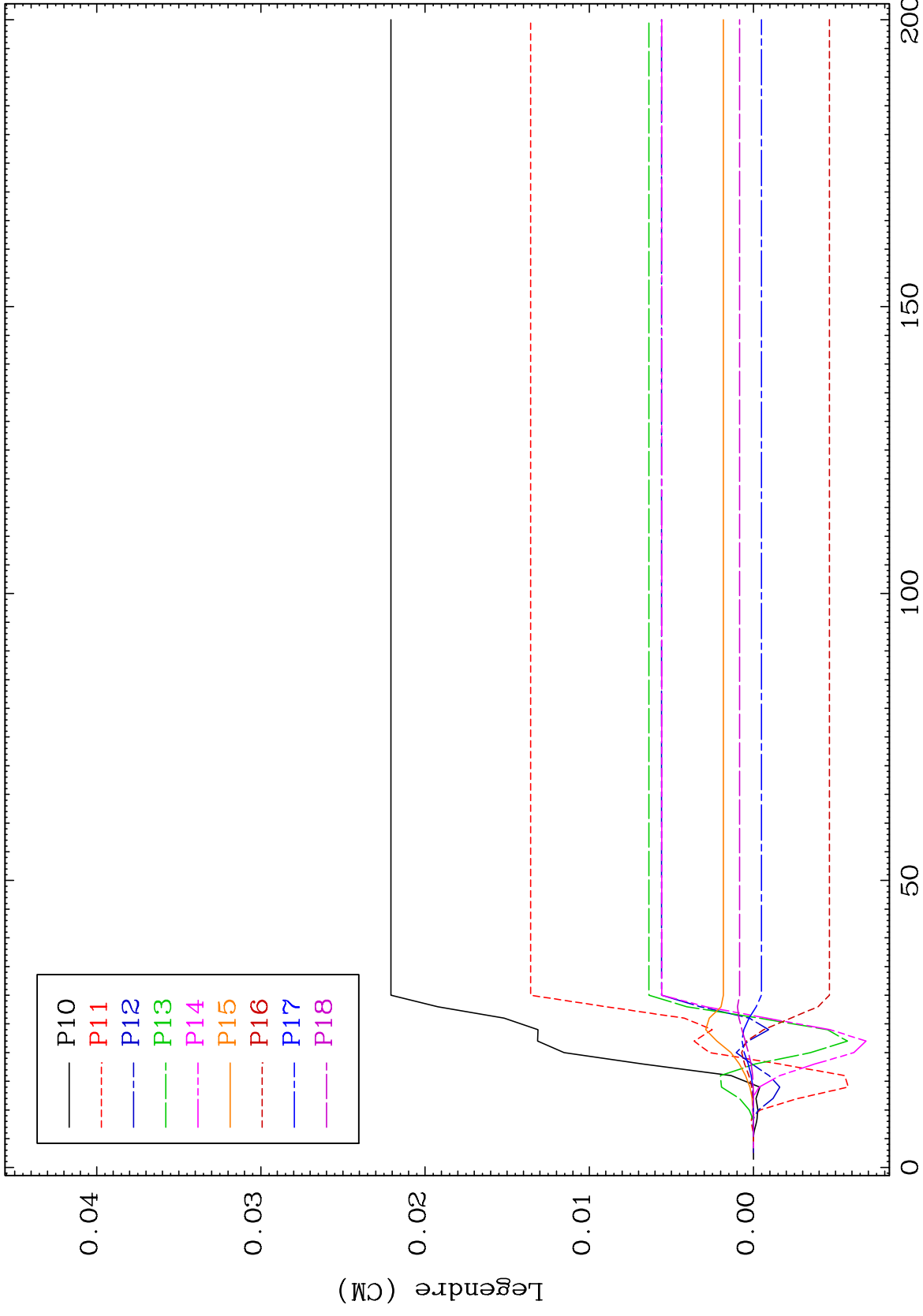
Incident Energy (MeV)

60

MAT 5301

MT= 61 (n,n') Level
Legendre Coefficients

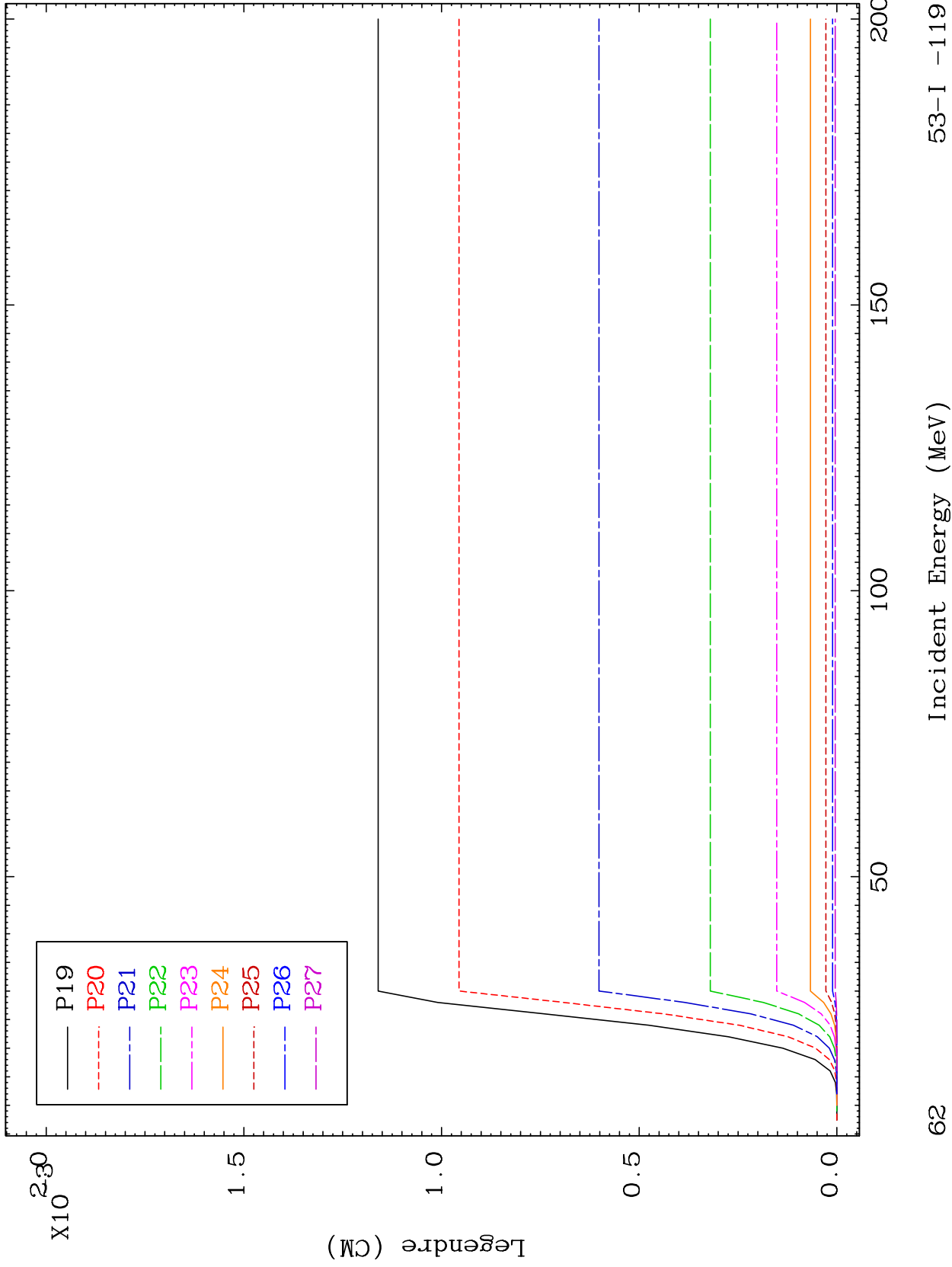
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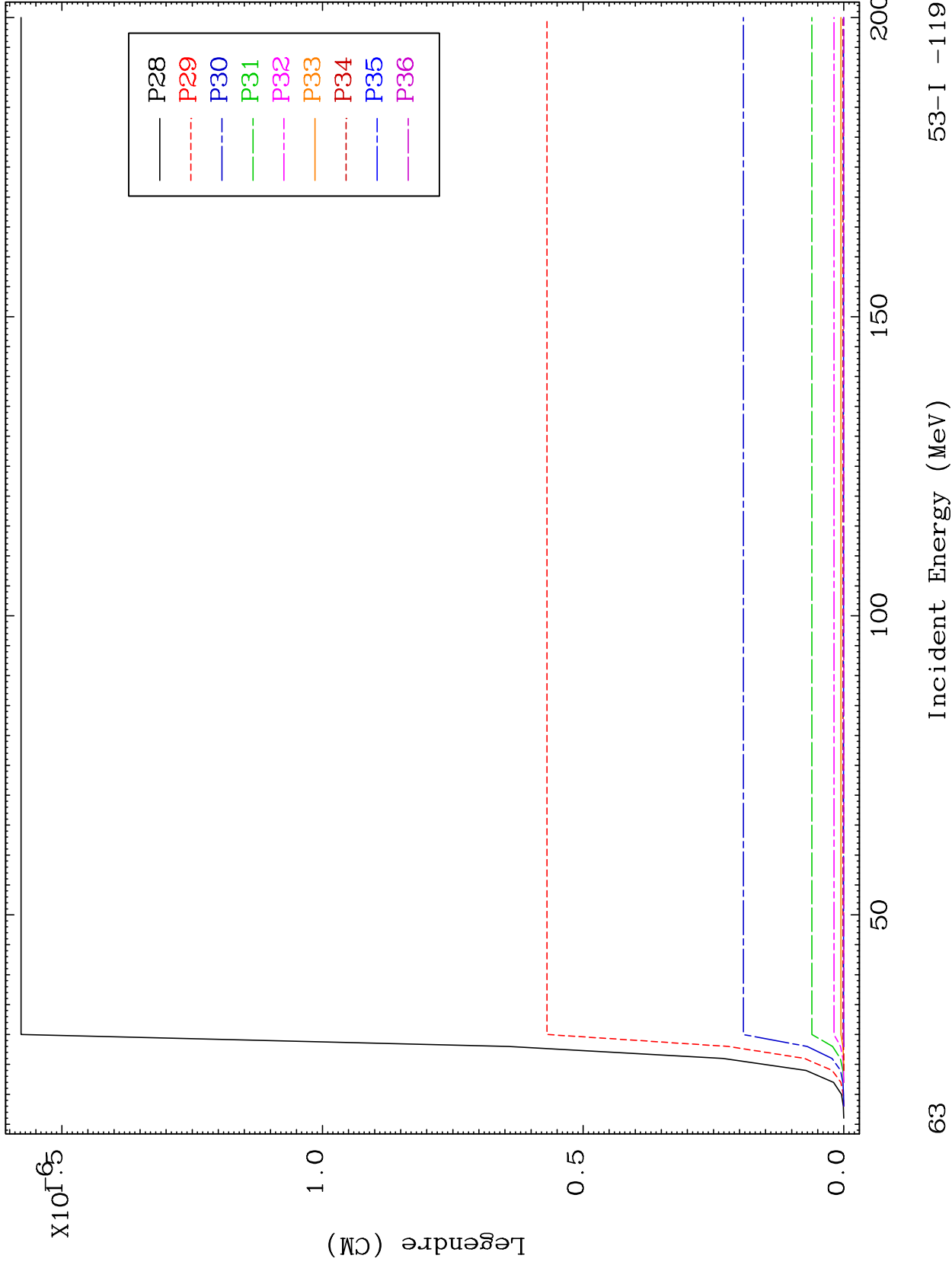


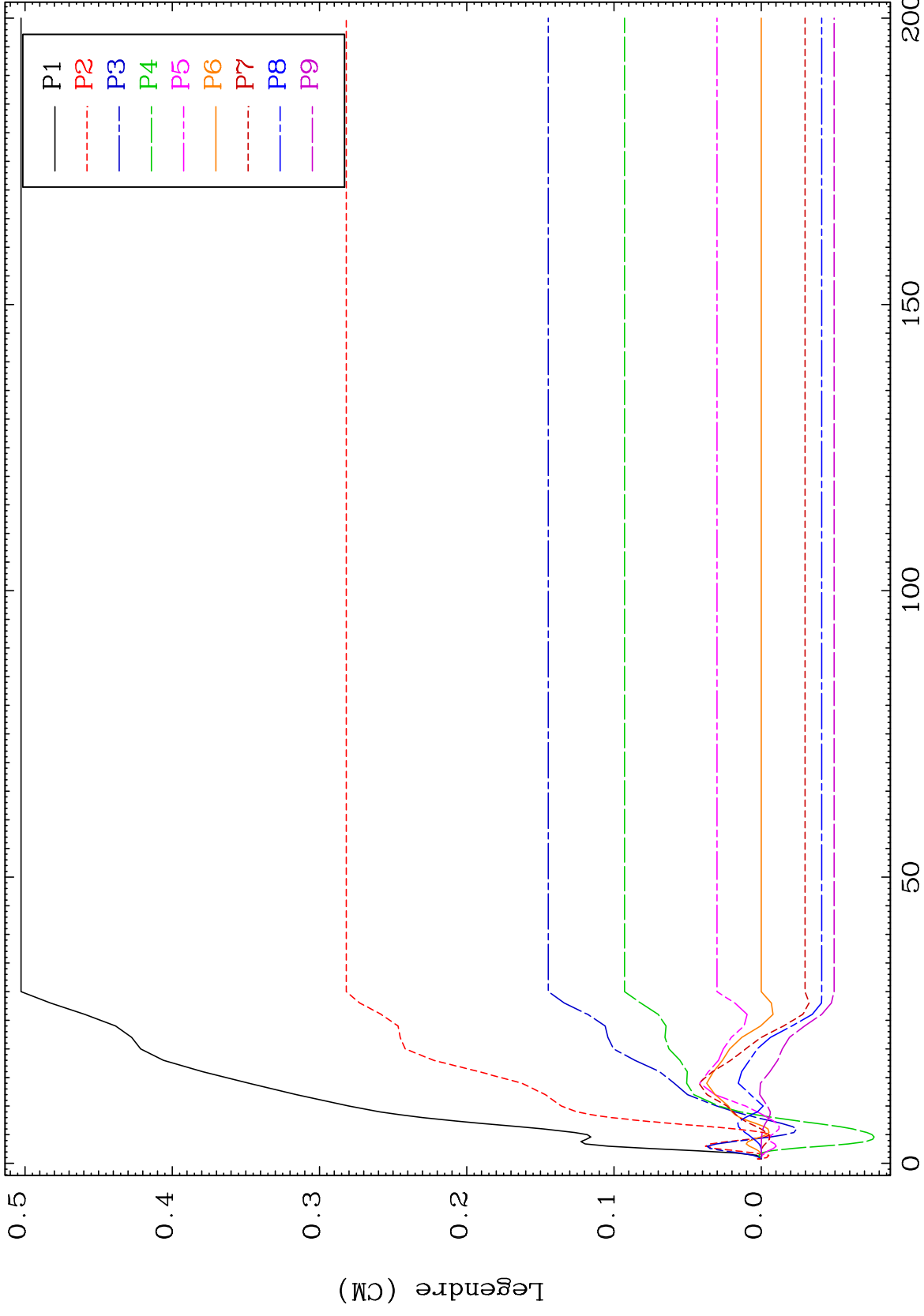
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Incident Energy (MeV)

53-I -119



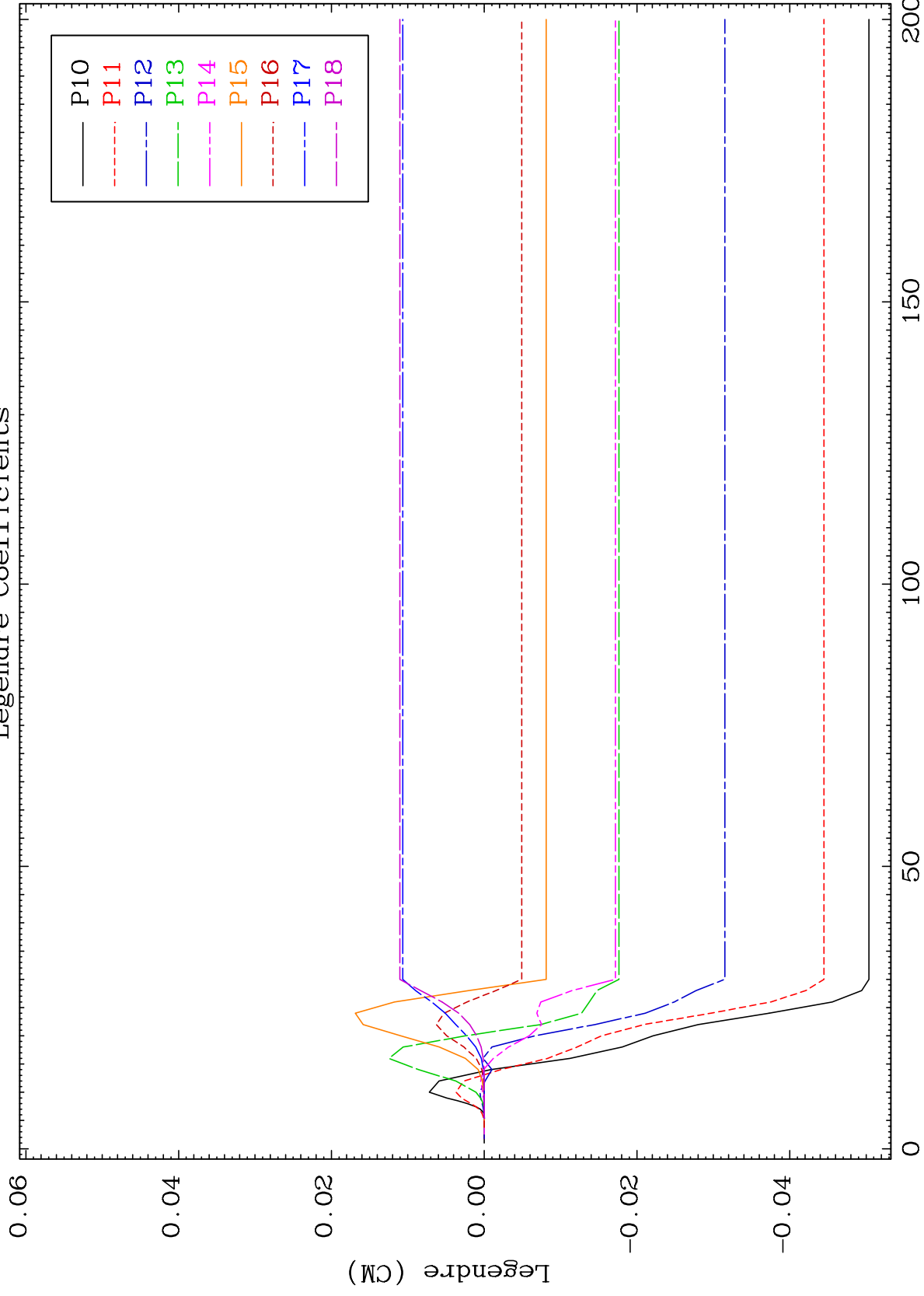




MAT 5301

MT= 62 (n,n') Level
Legendre Coefficients

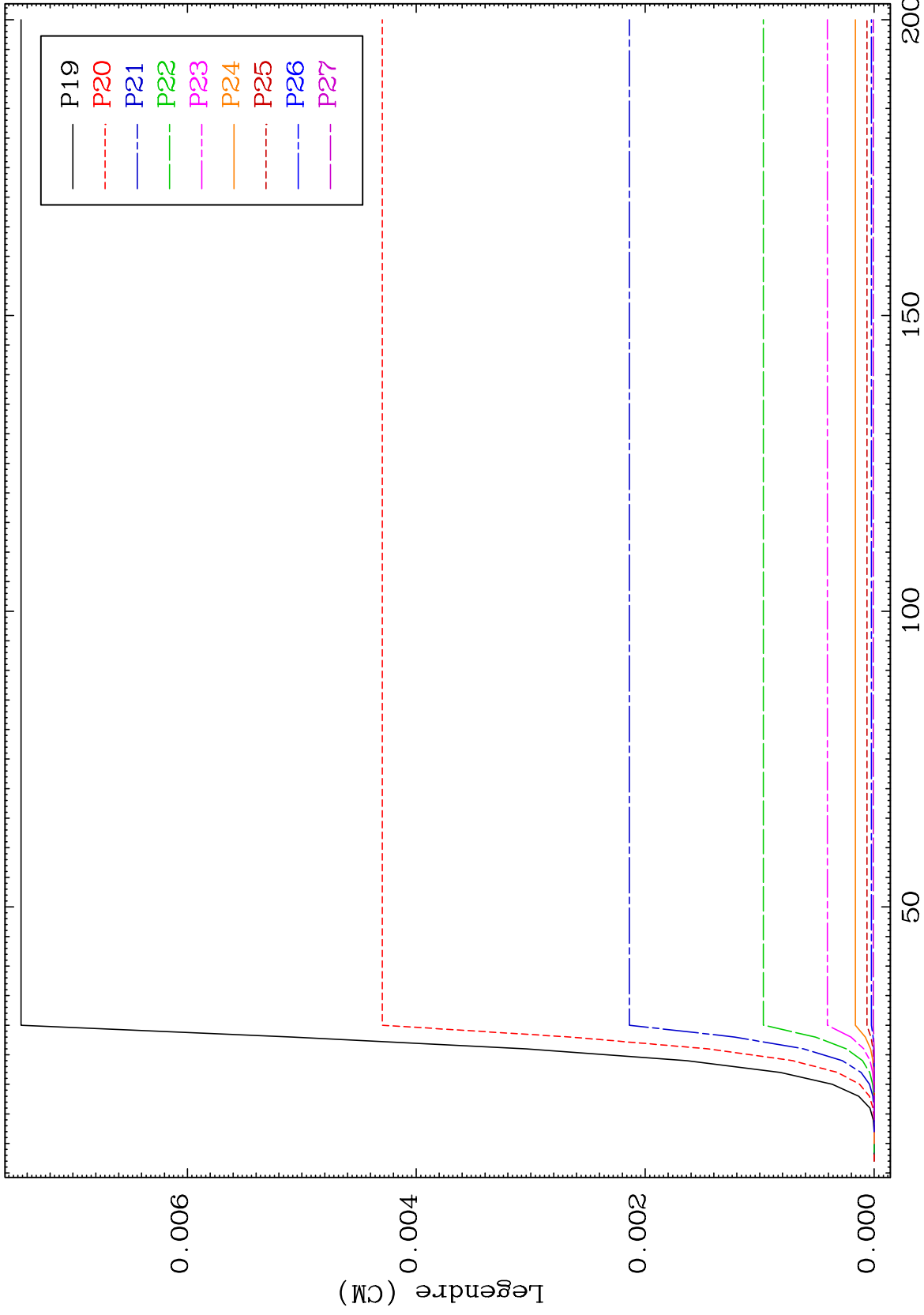
53-I -119



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Incident Energy (MeV)

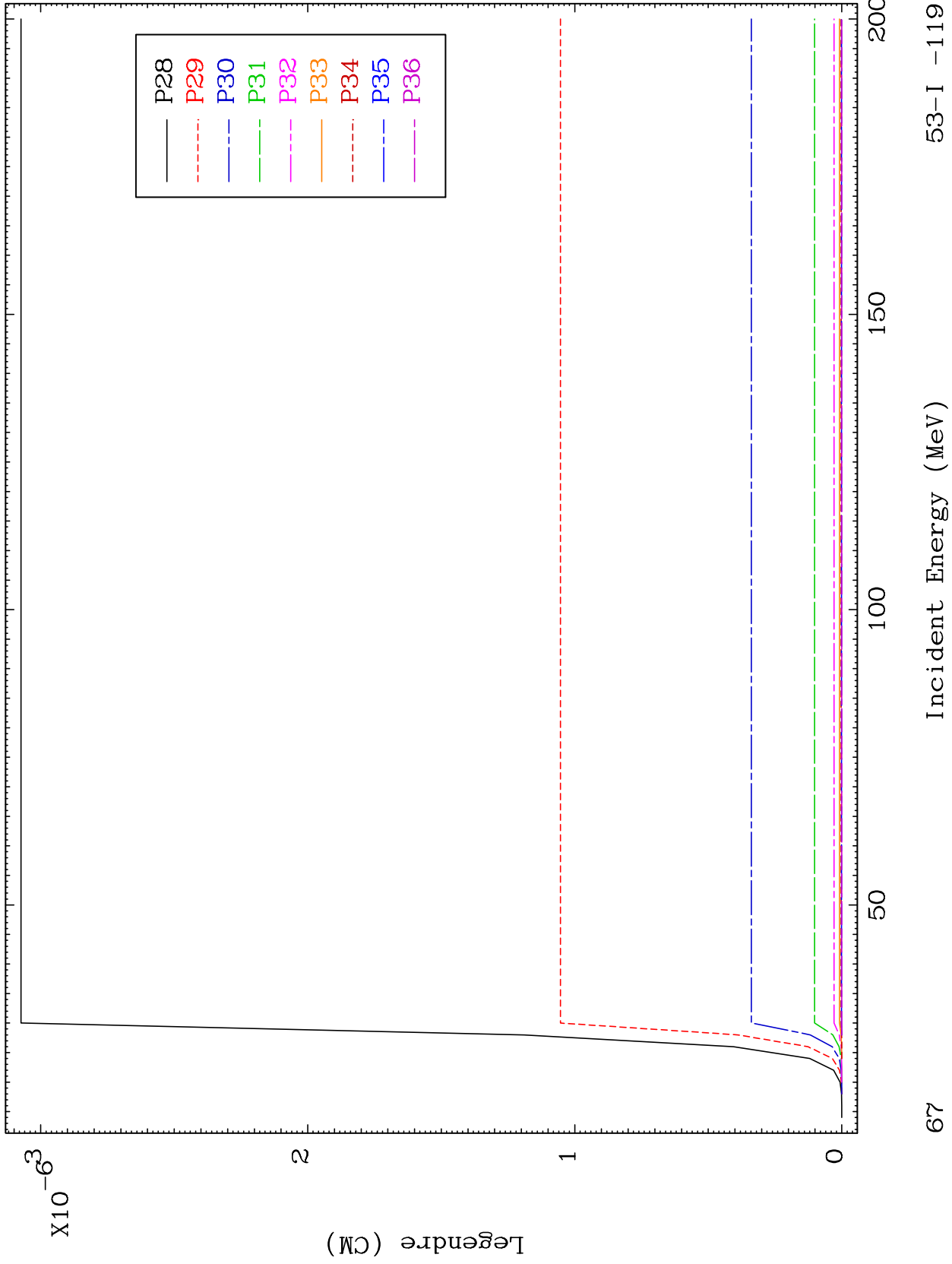
53-I -119



MAT 5301

MT= 62 (n,n') Level
Legendre Coefficients

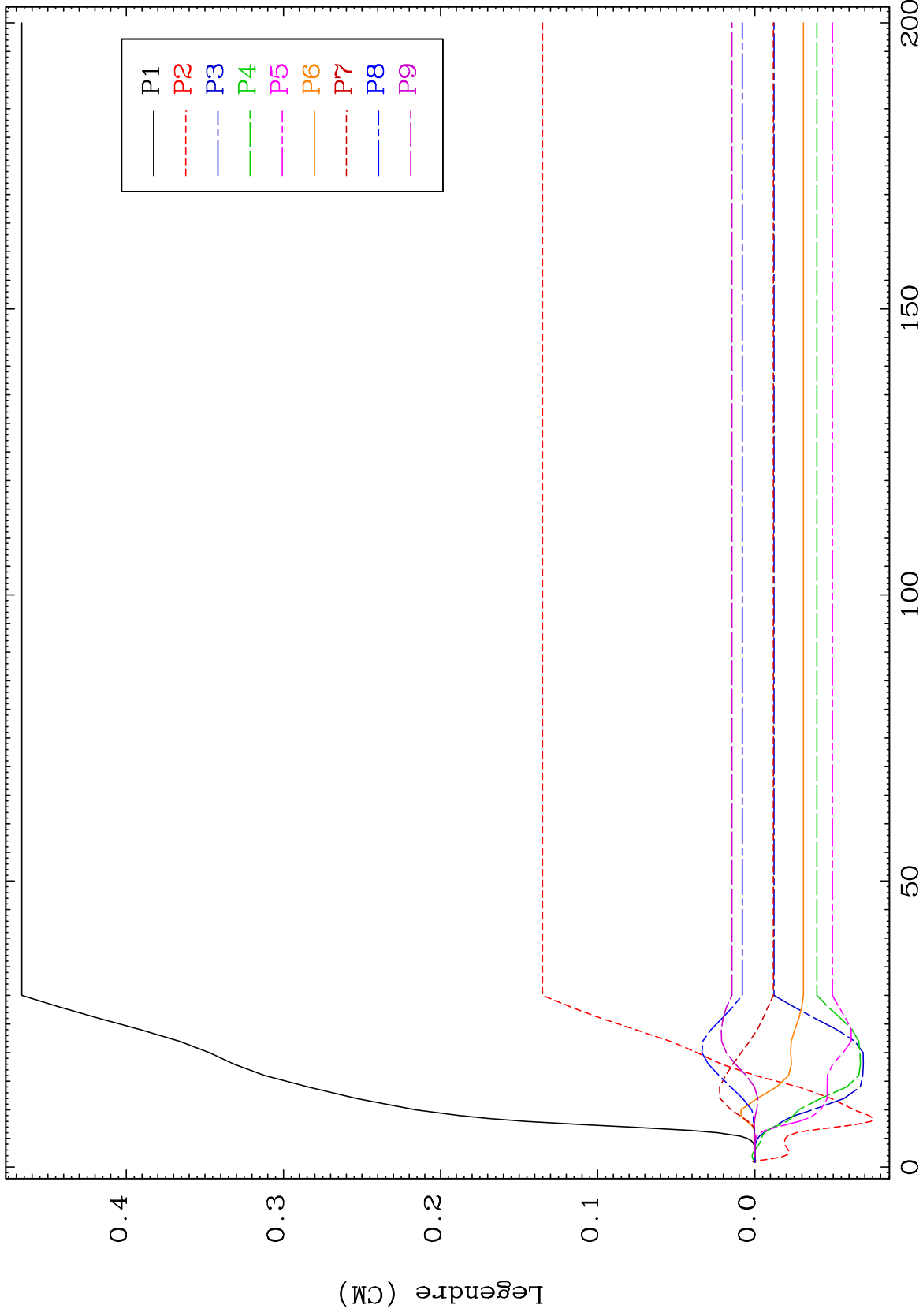
53-I -119

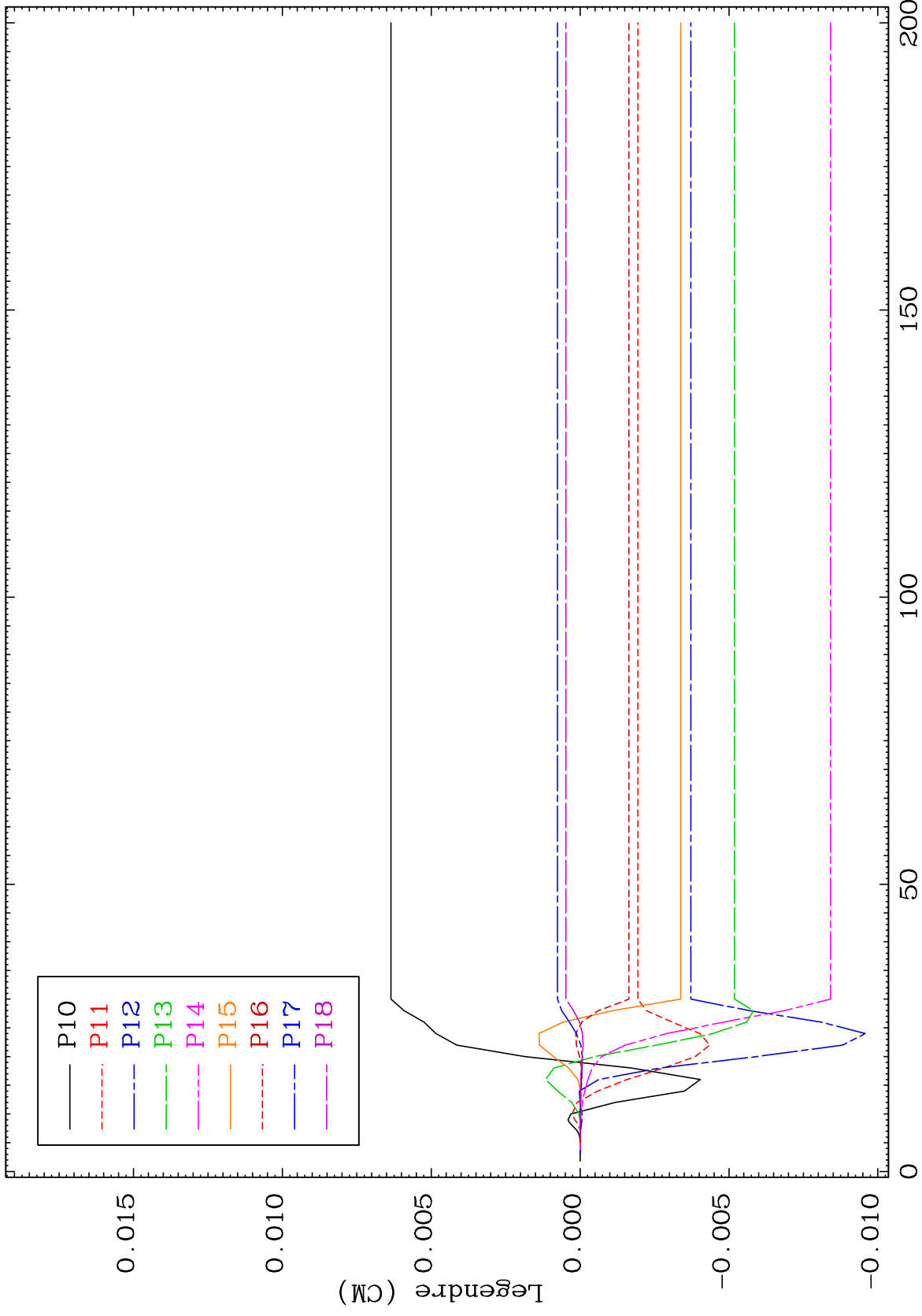


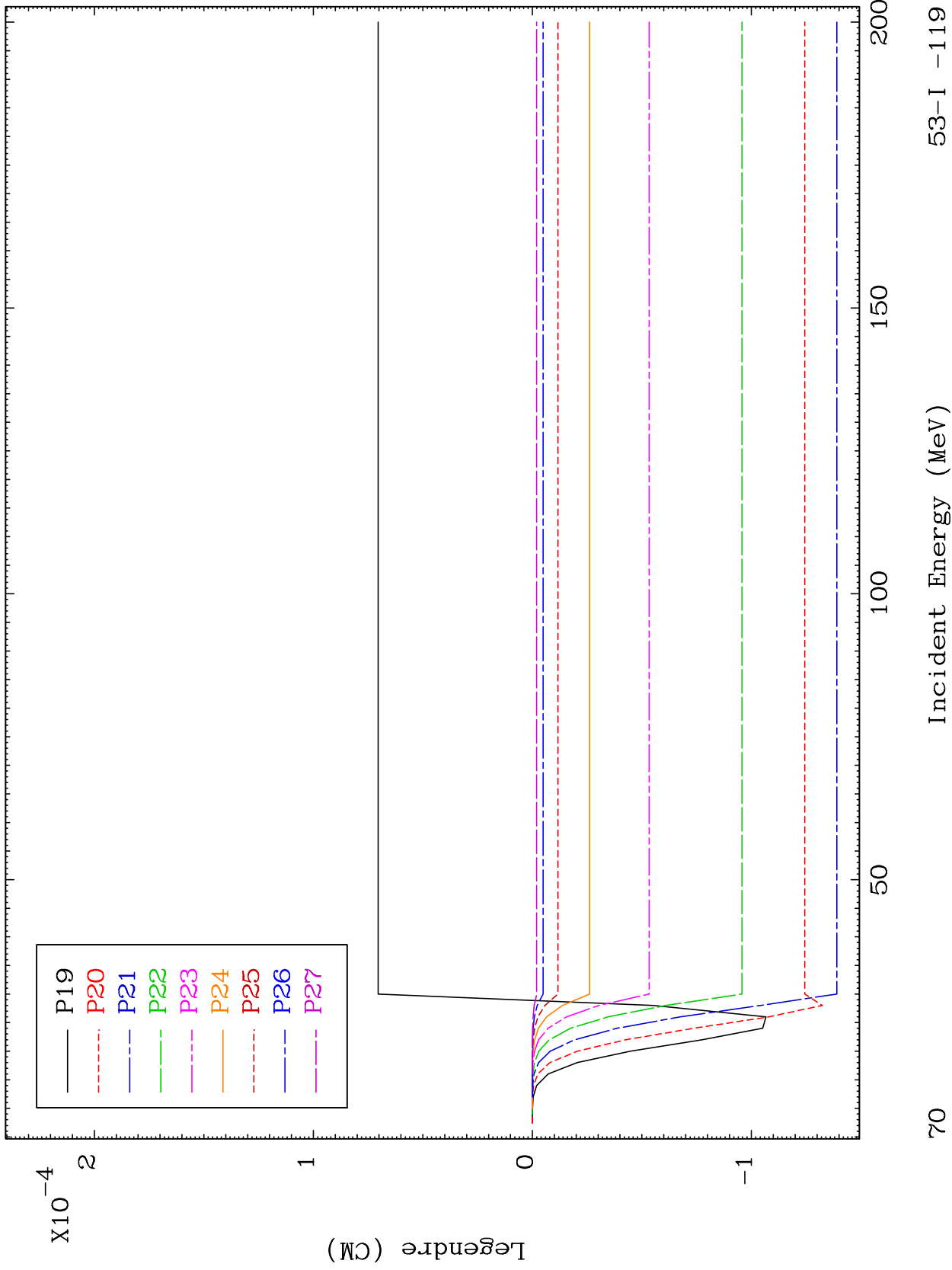
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Incident Energy (MeV)

53-I -119



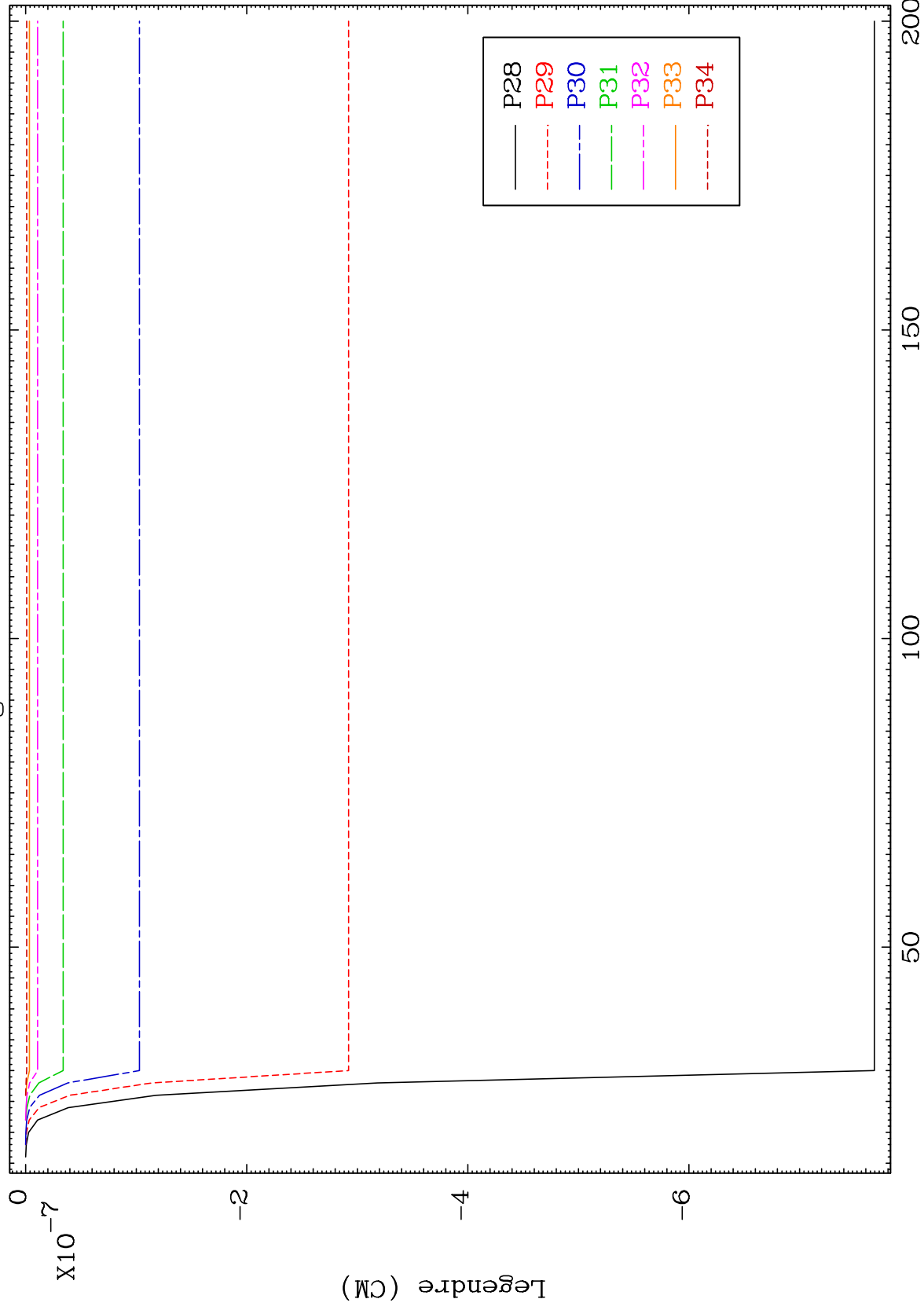




MAT 5301

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

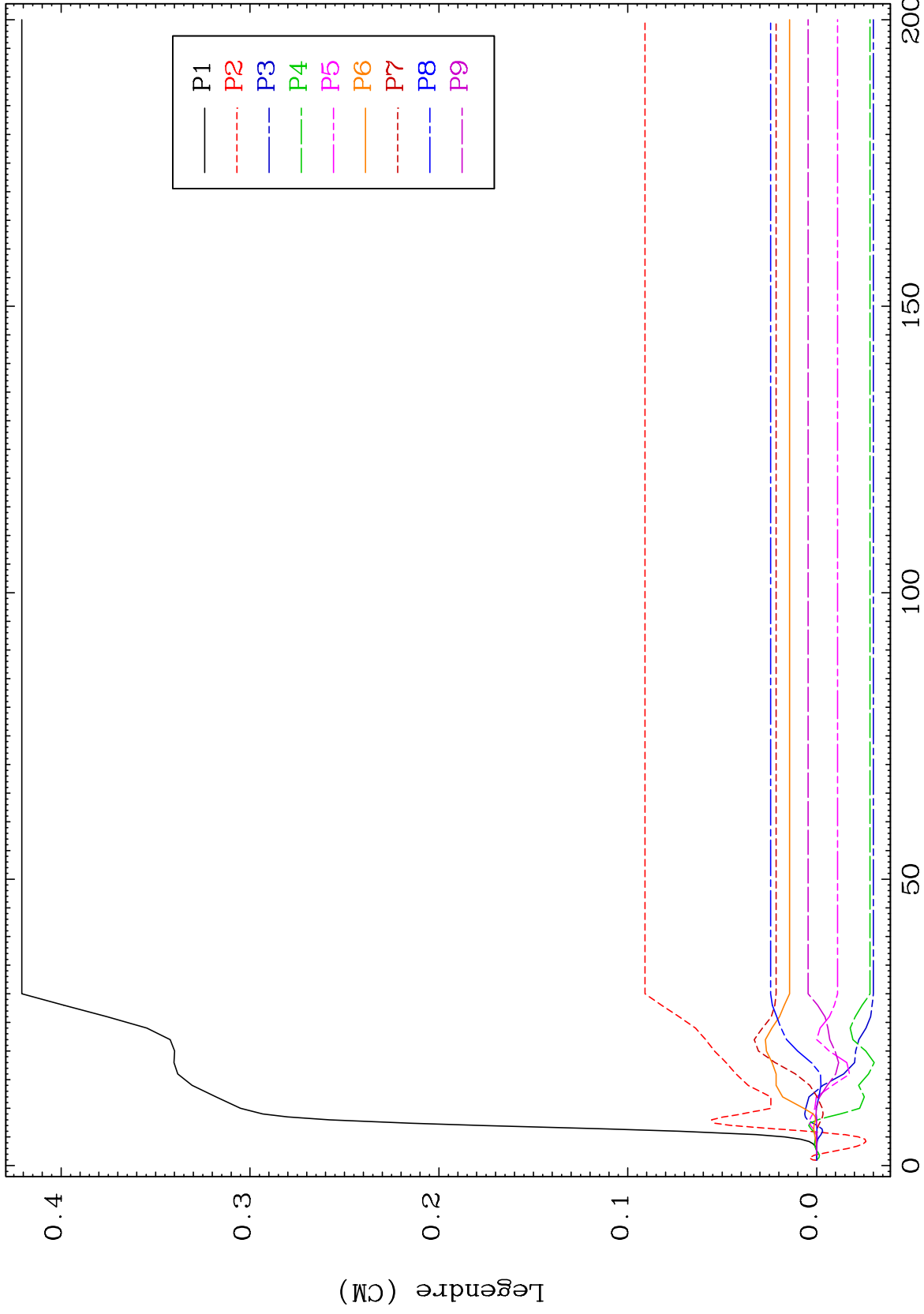
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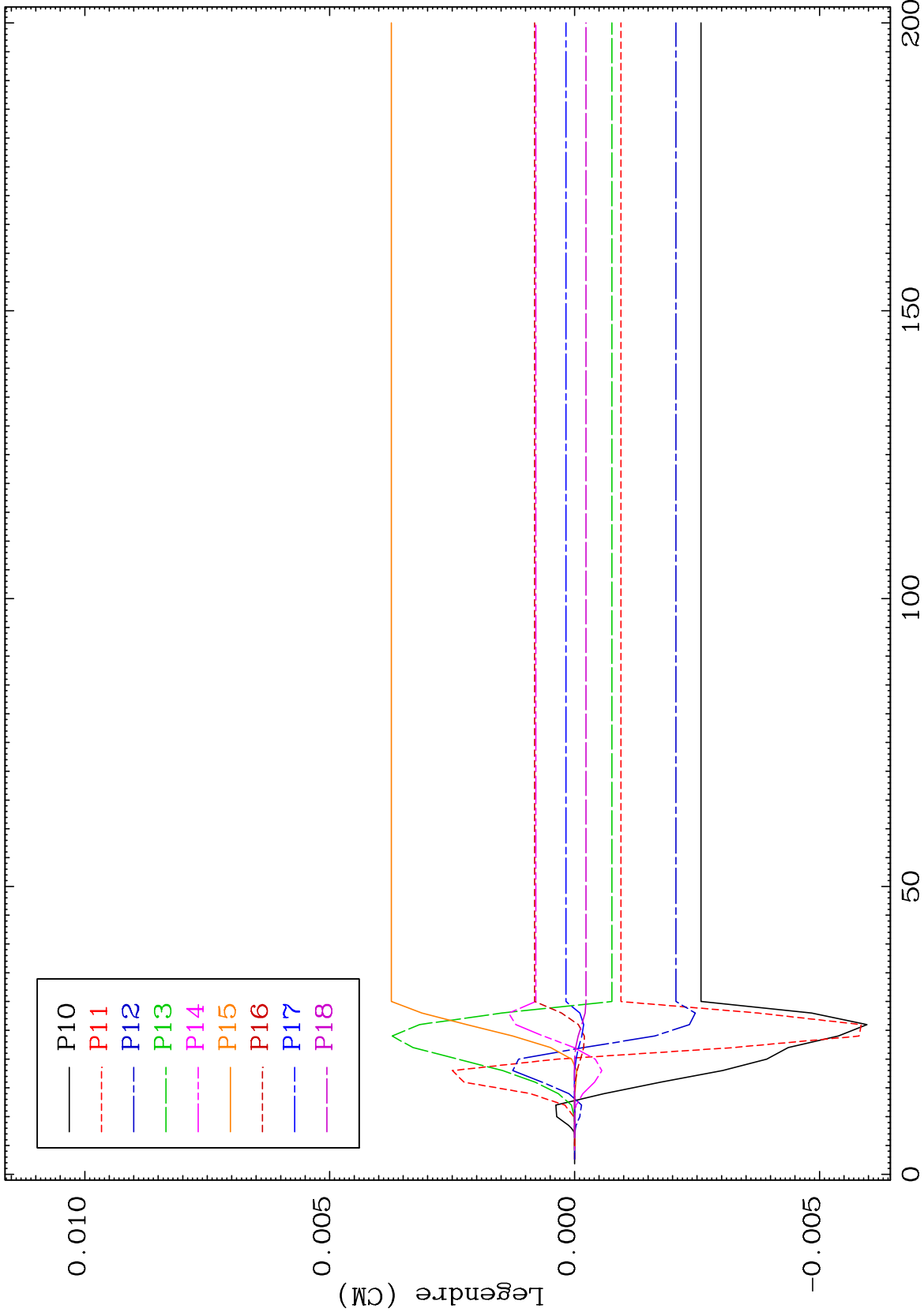


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Incident Energy (MeV)

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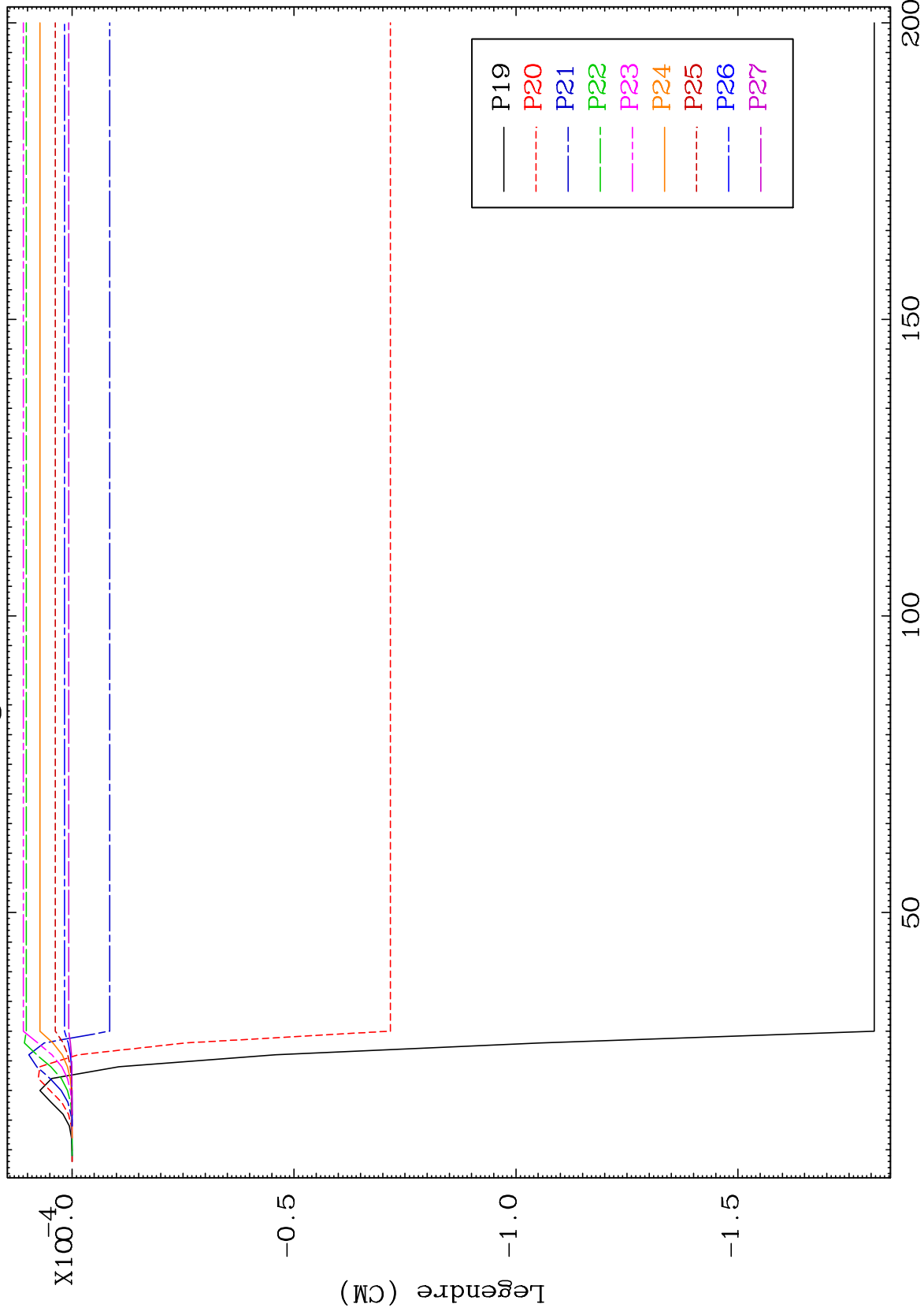


MAT 5301

MT= 64 (n,n') Level

53-I -119

Legendre Coefficients



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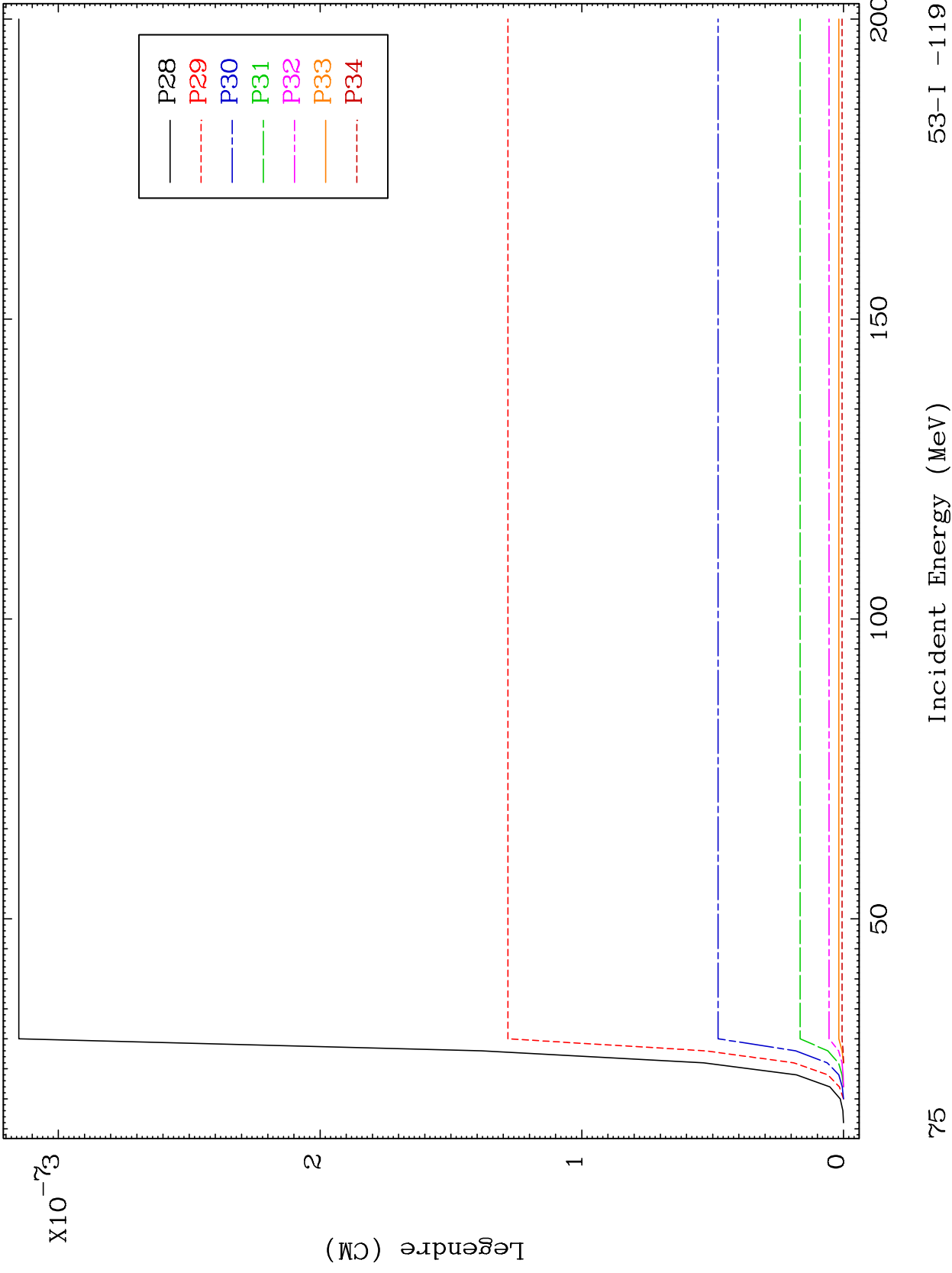
Incident Energy (MeV)

53-I -119

MAT 5301

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

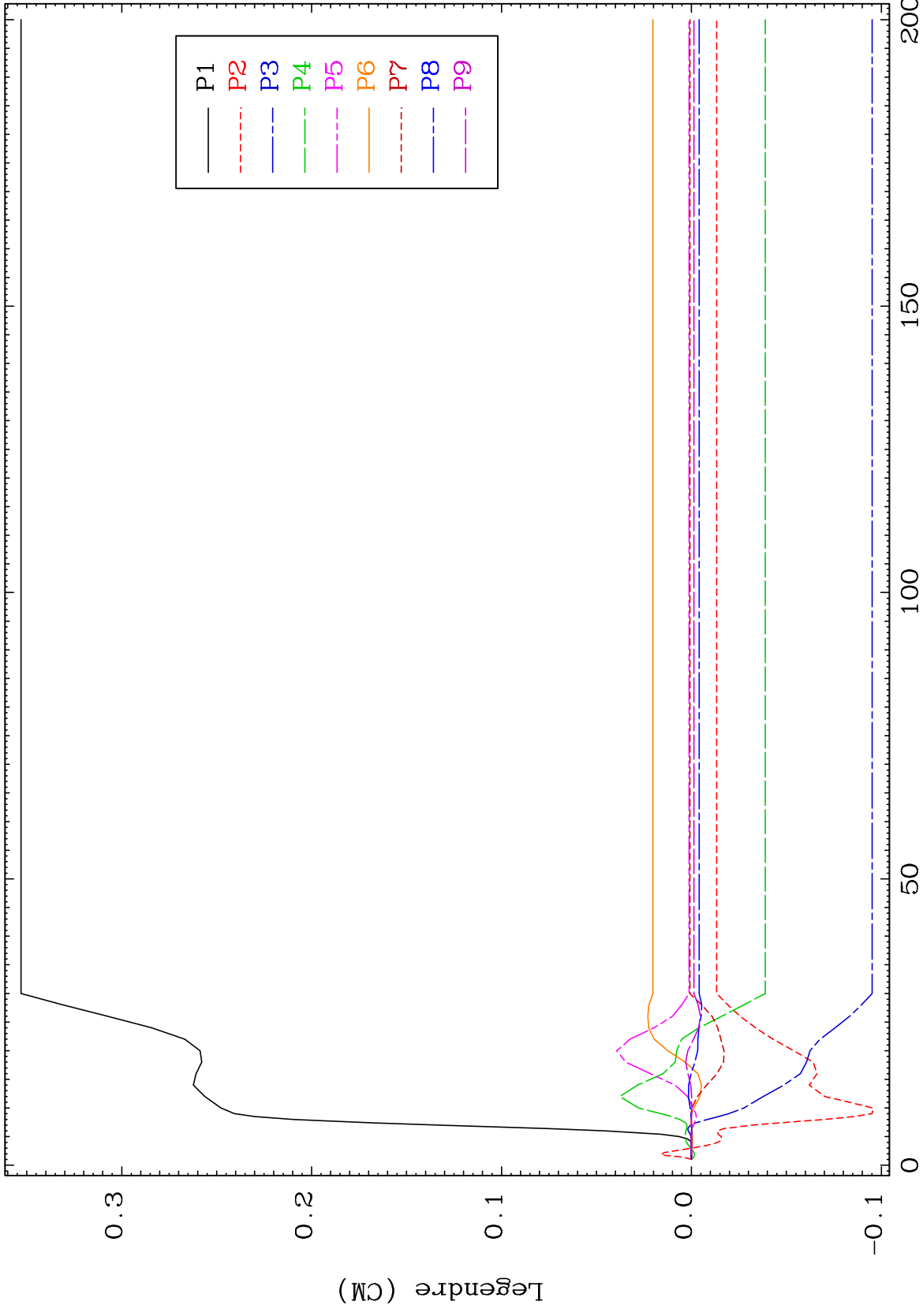
53-I -119



MAT 5301

MT= 65 (n,n') Level
Legendre Coefficients

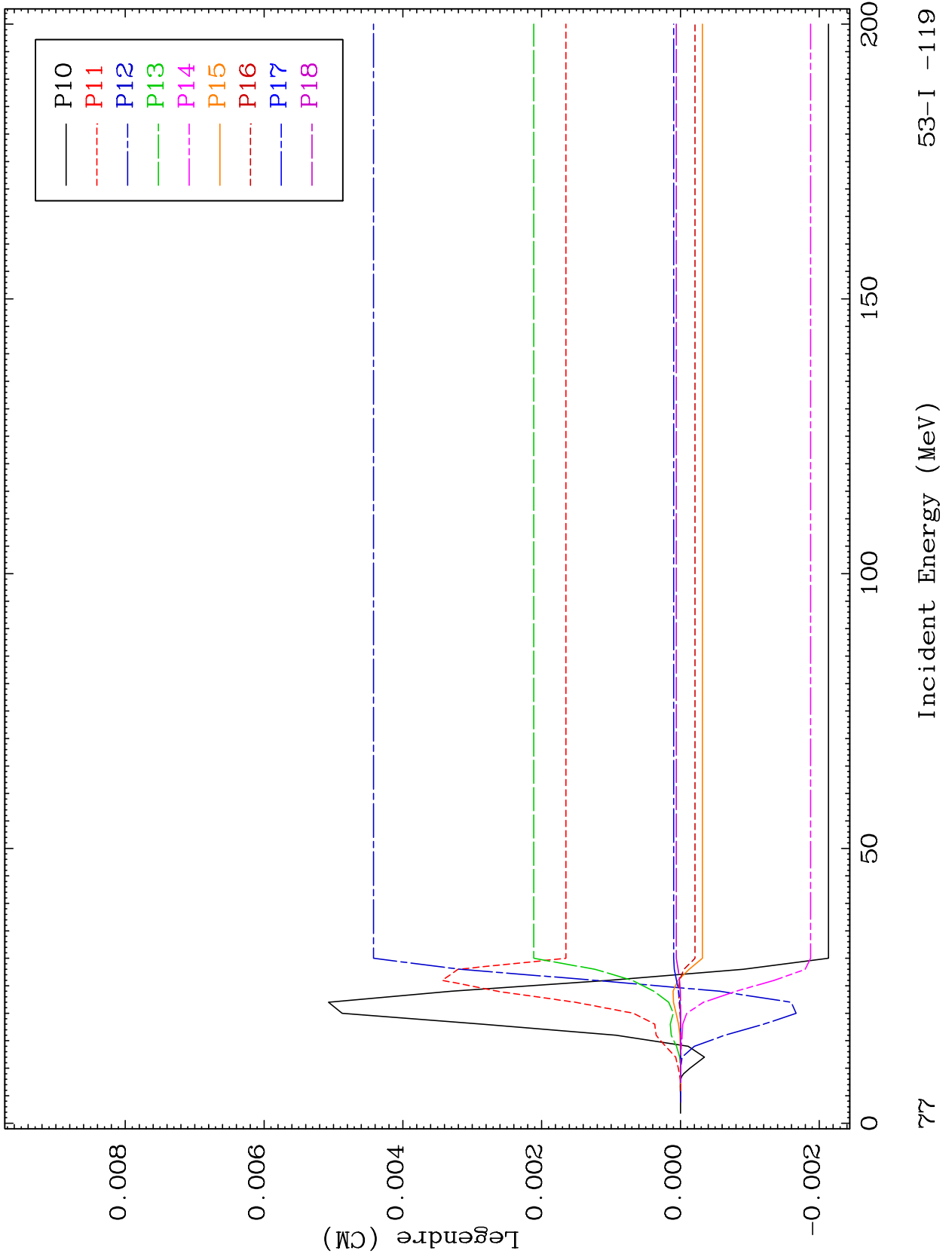
53-I -119

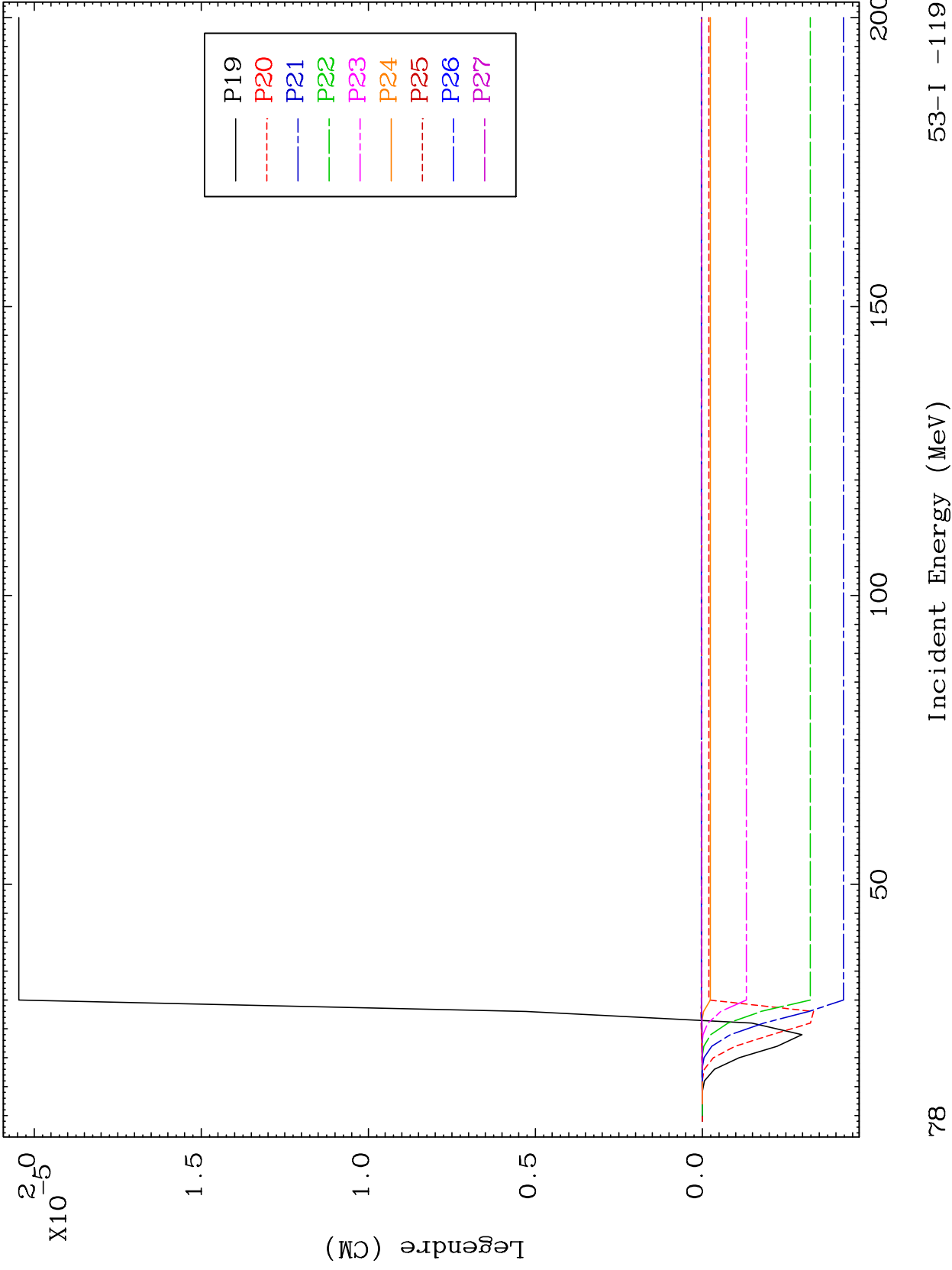


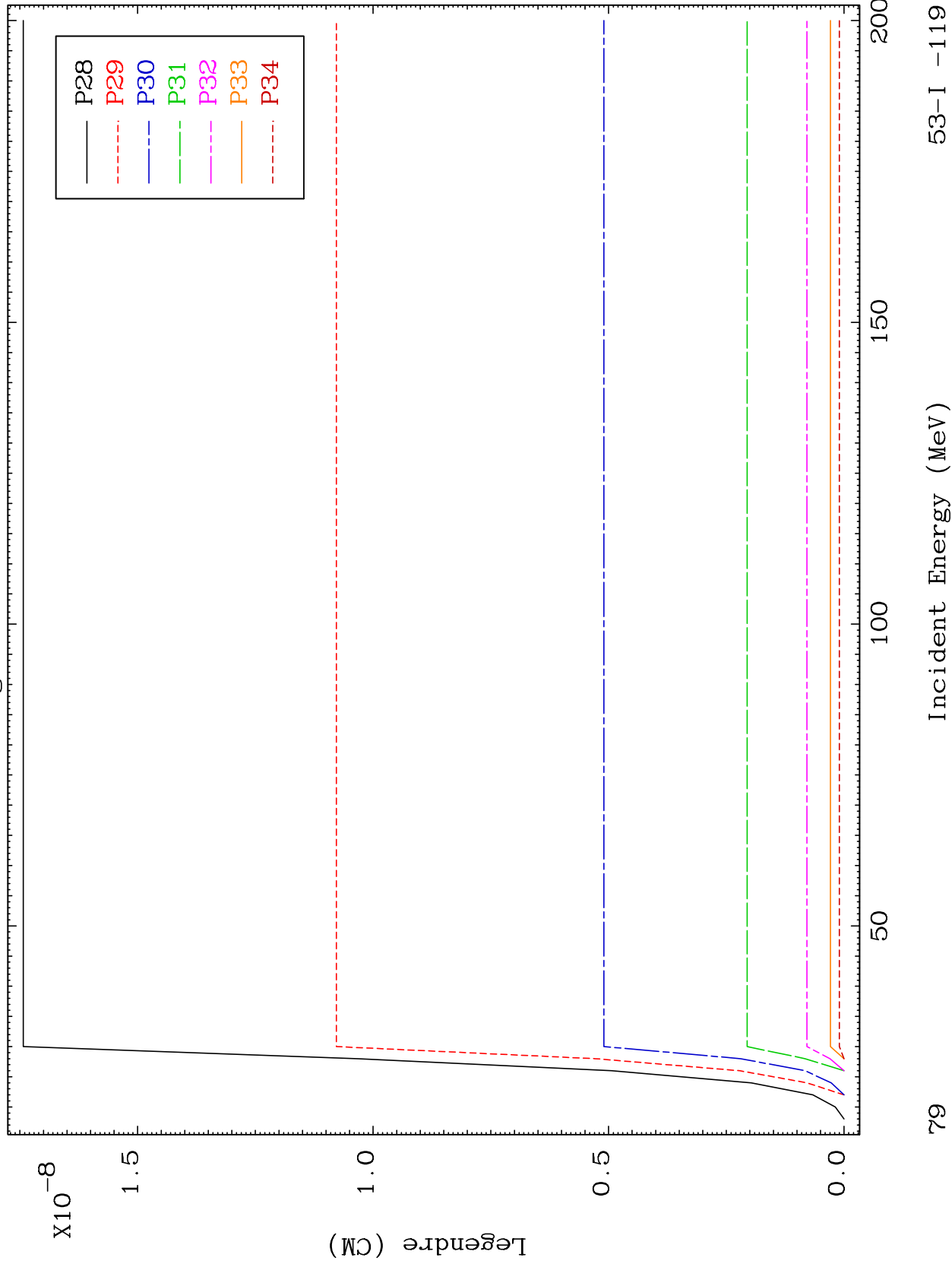
76

Incident Energy (MeV)

53-I -119



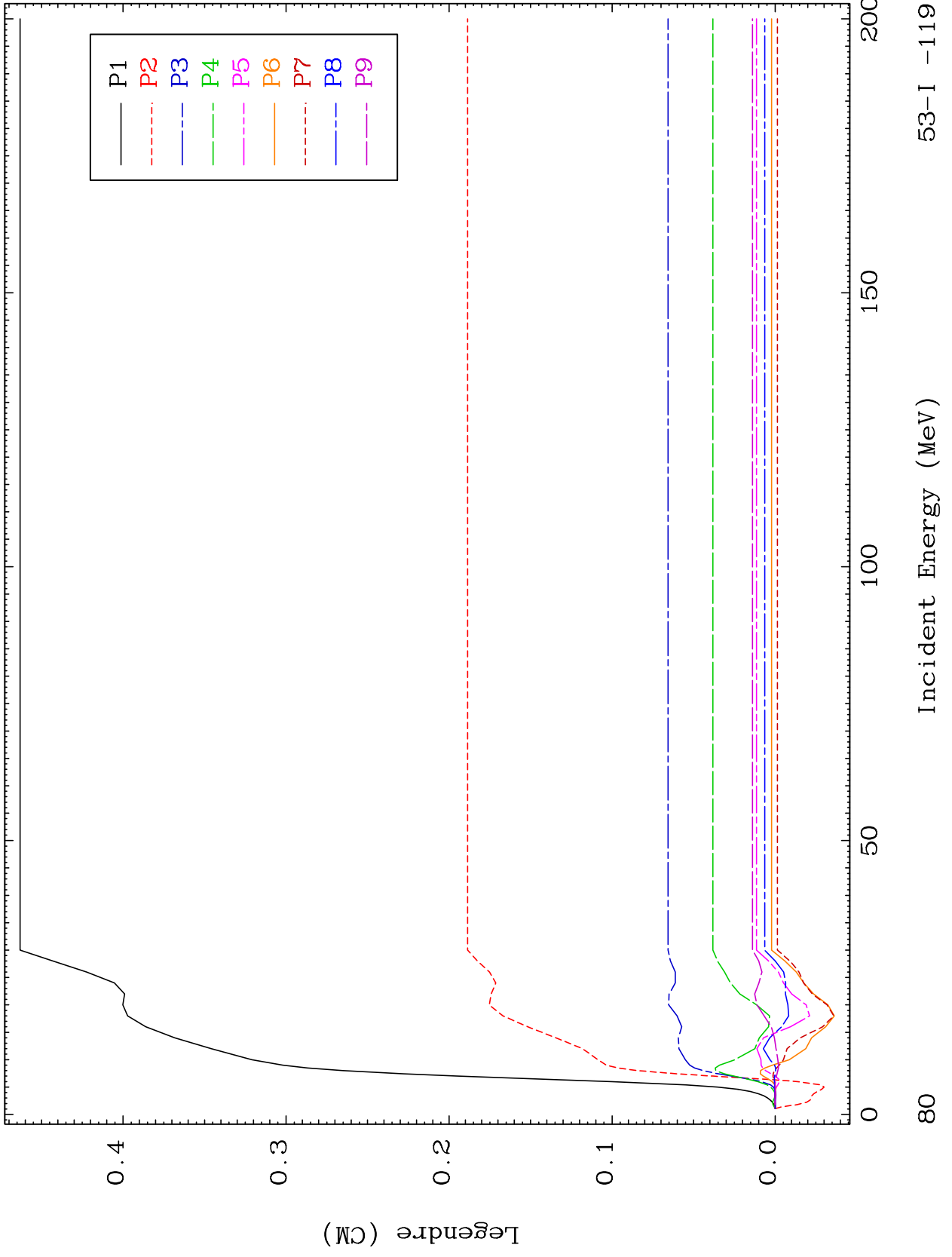




MAT 5301

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

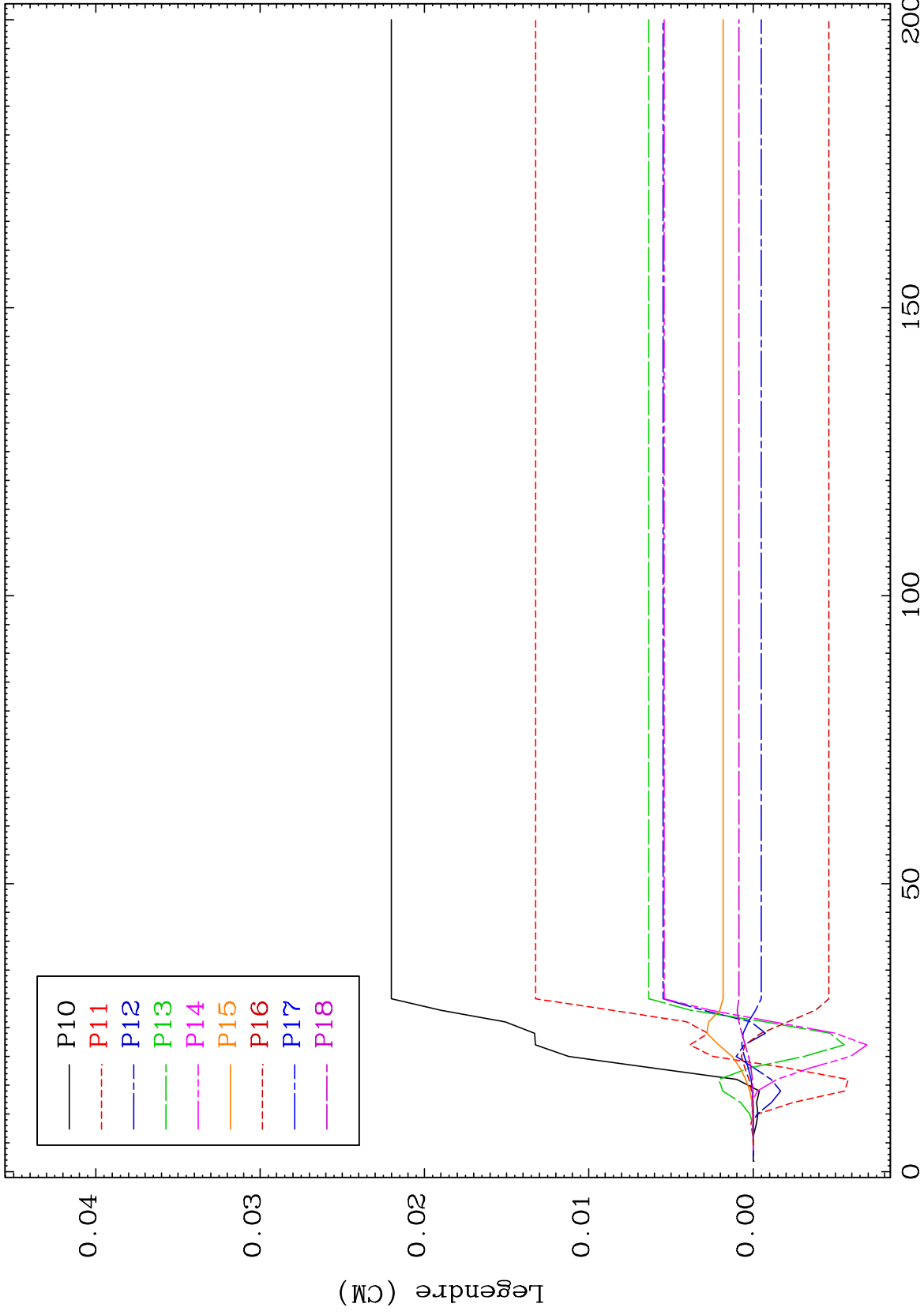
53-I -119

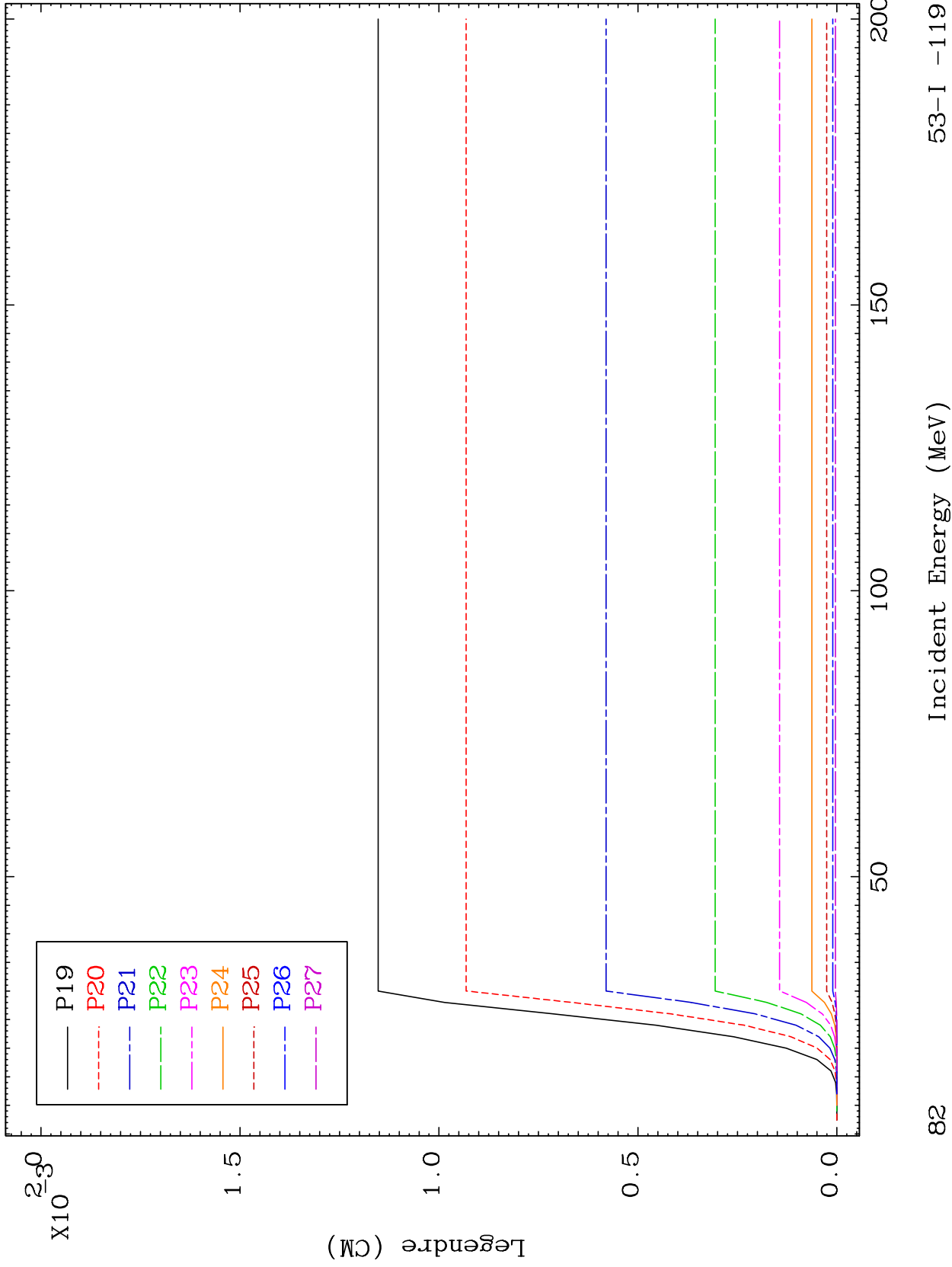


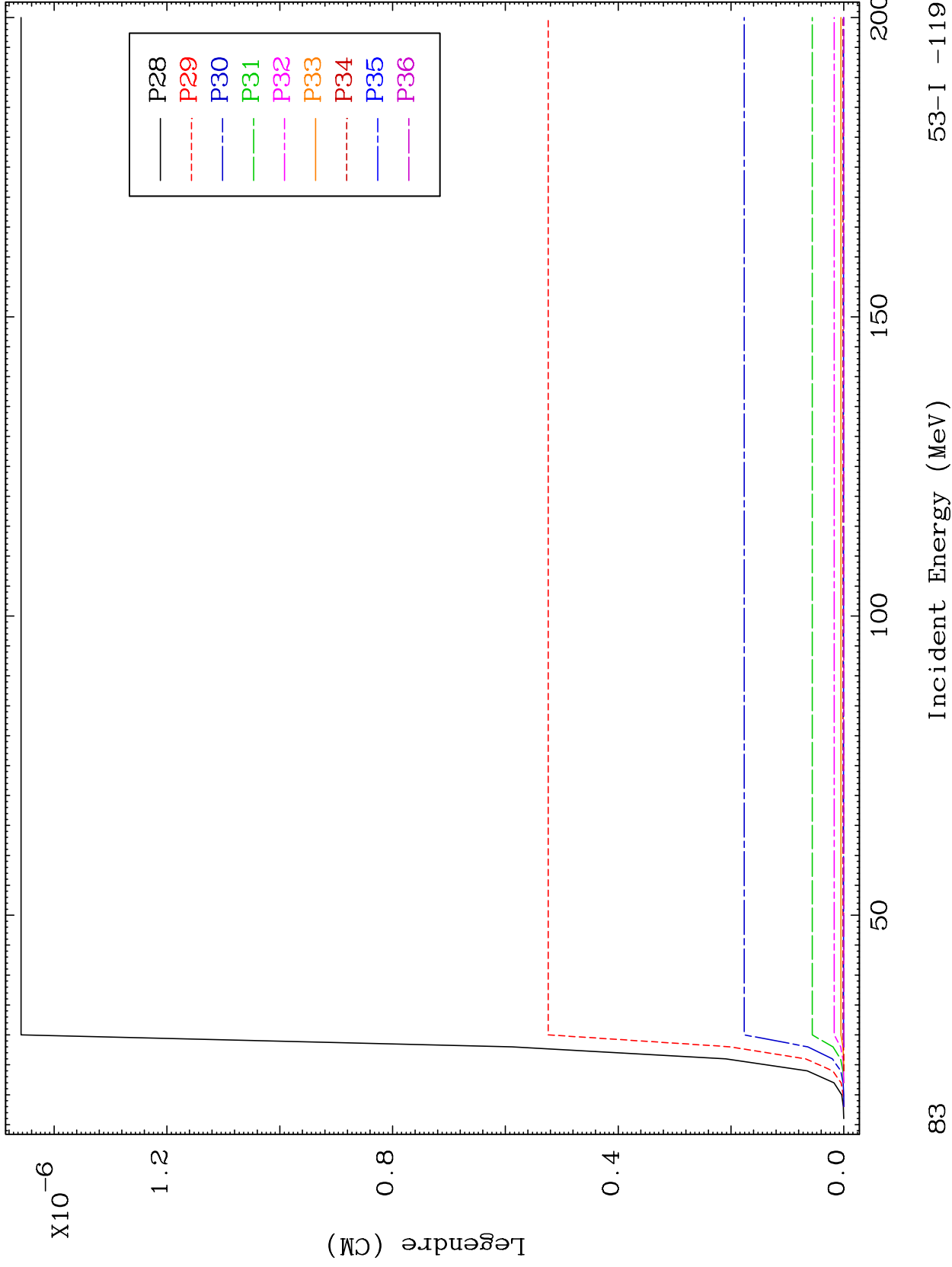
53-I -119

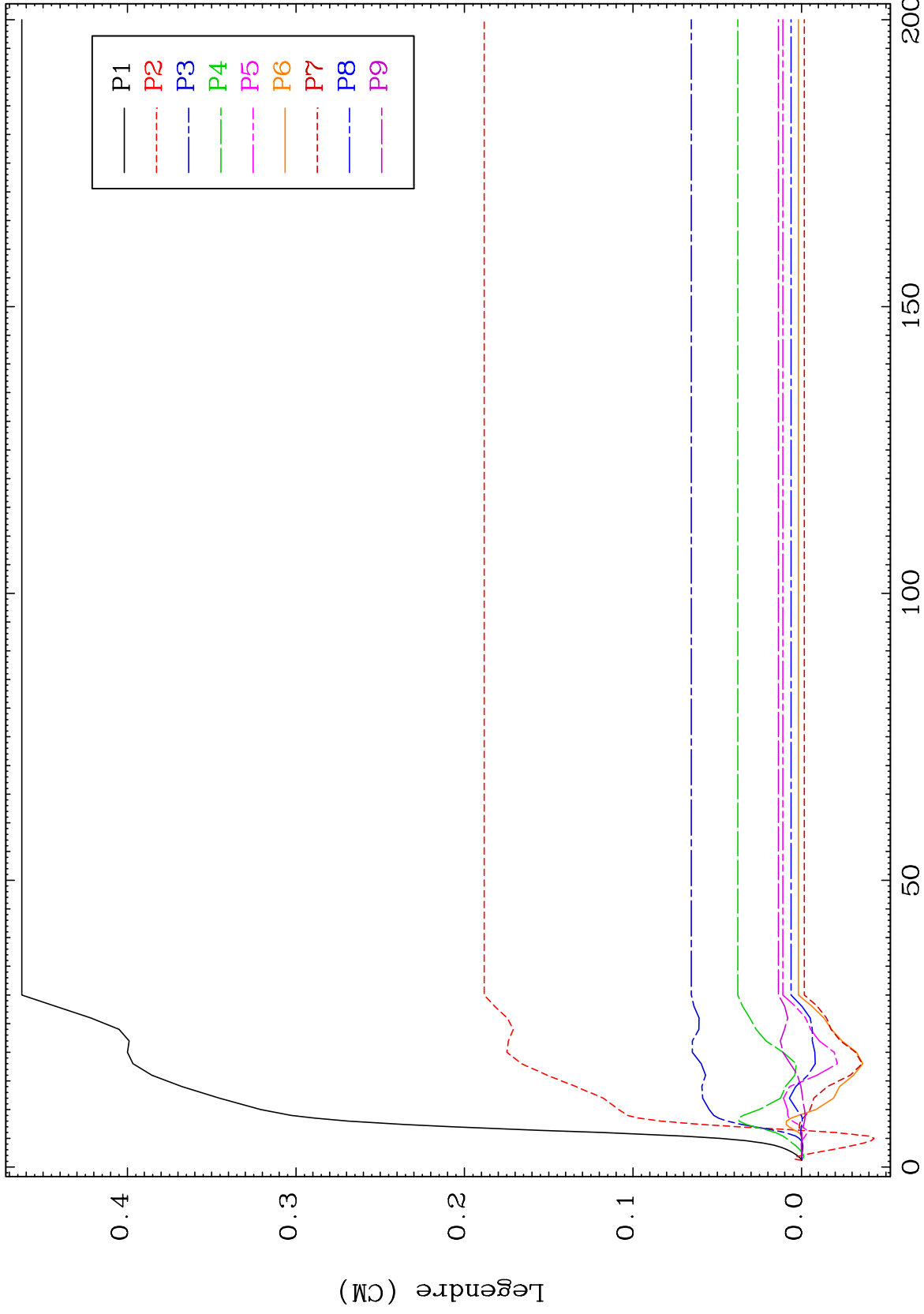
Incident Energy (MeV)

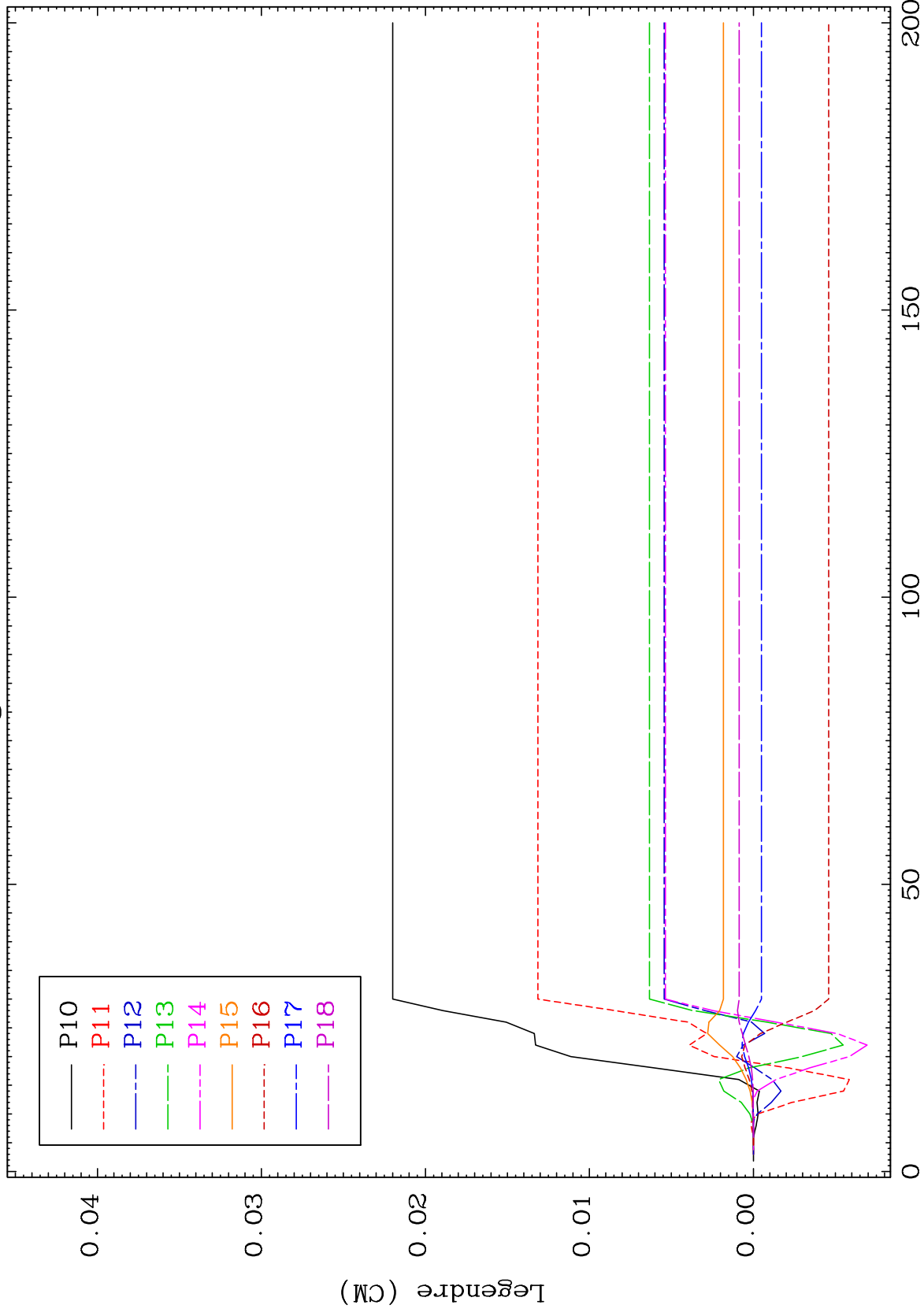
80

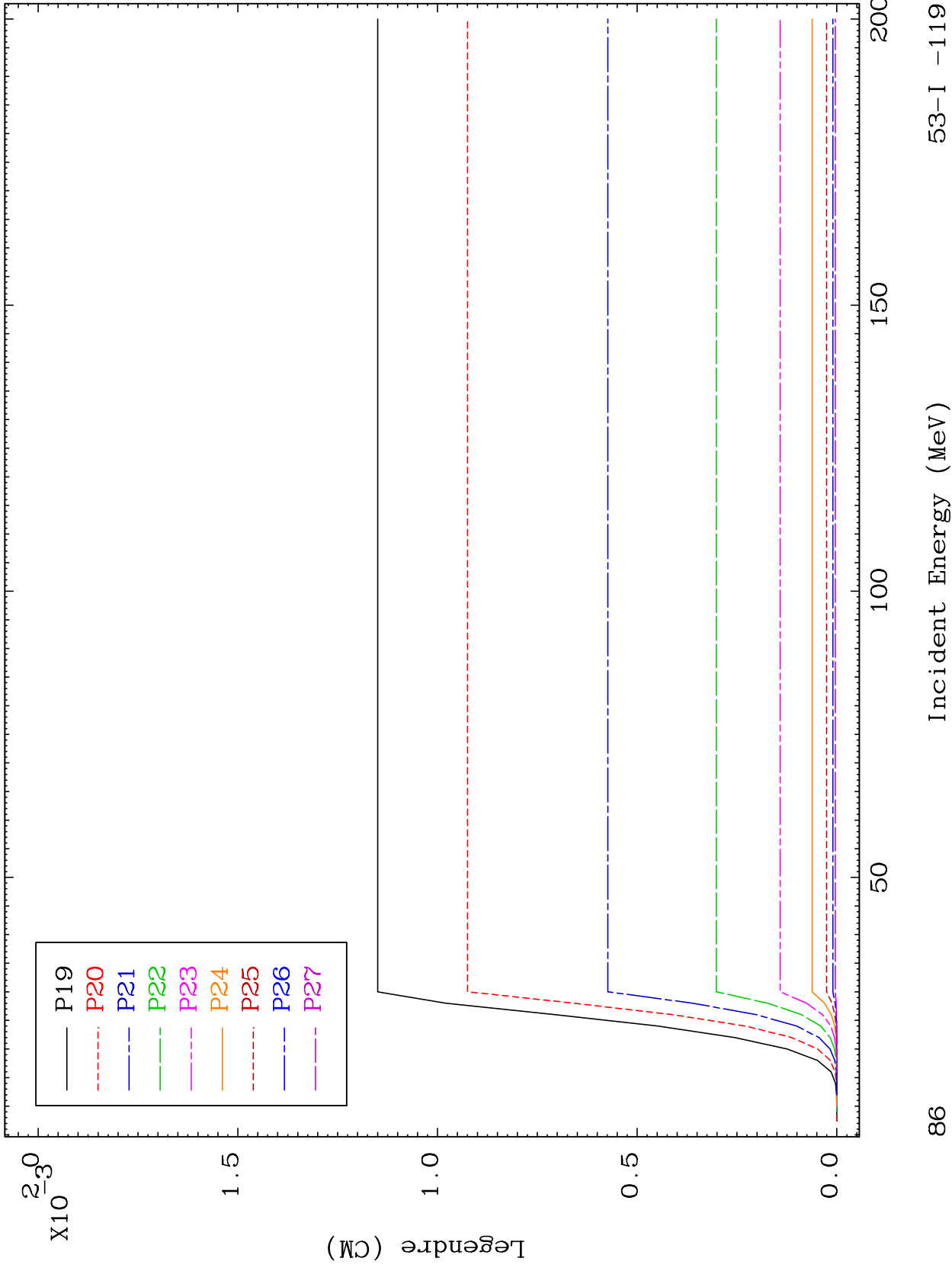








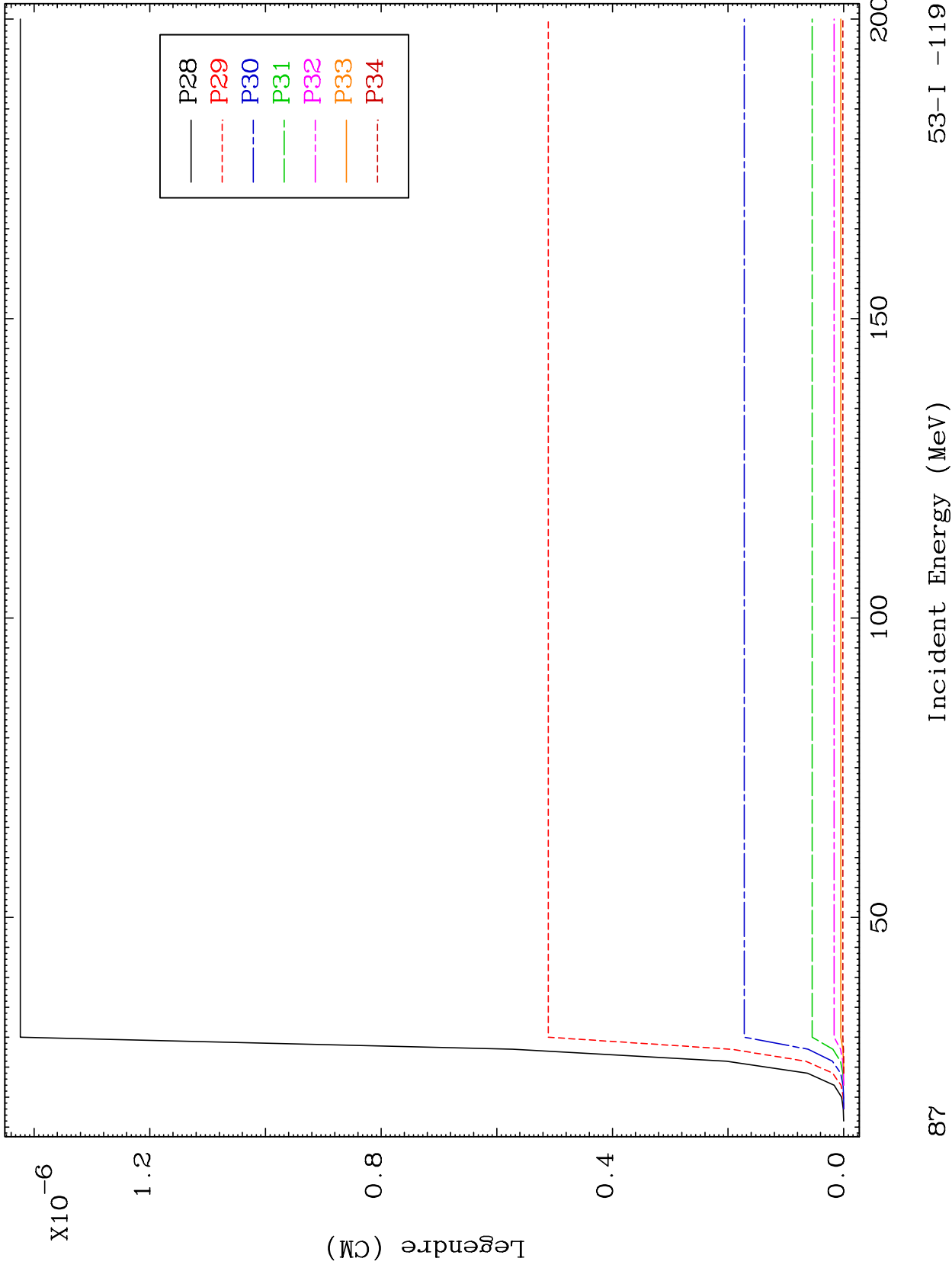




MAT 5301

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

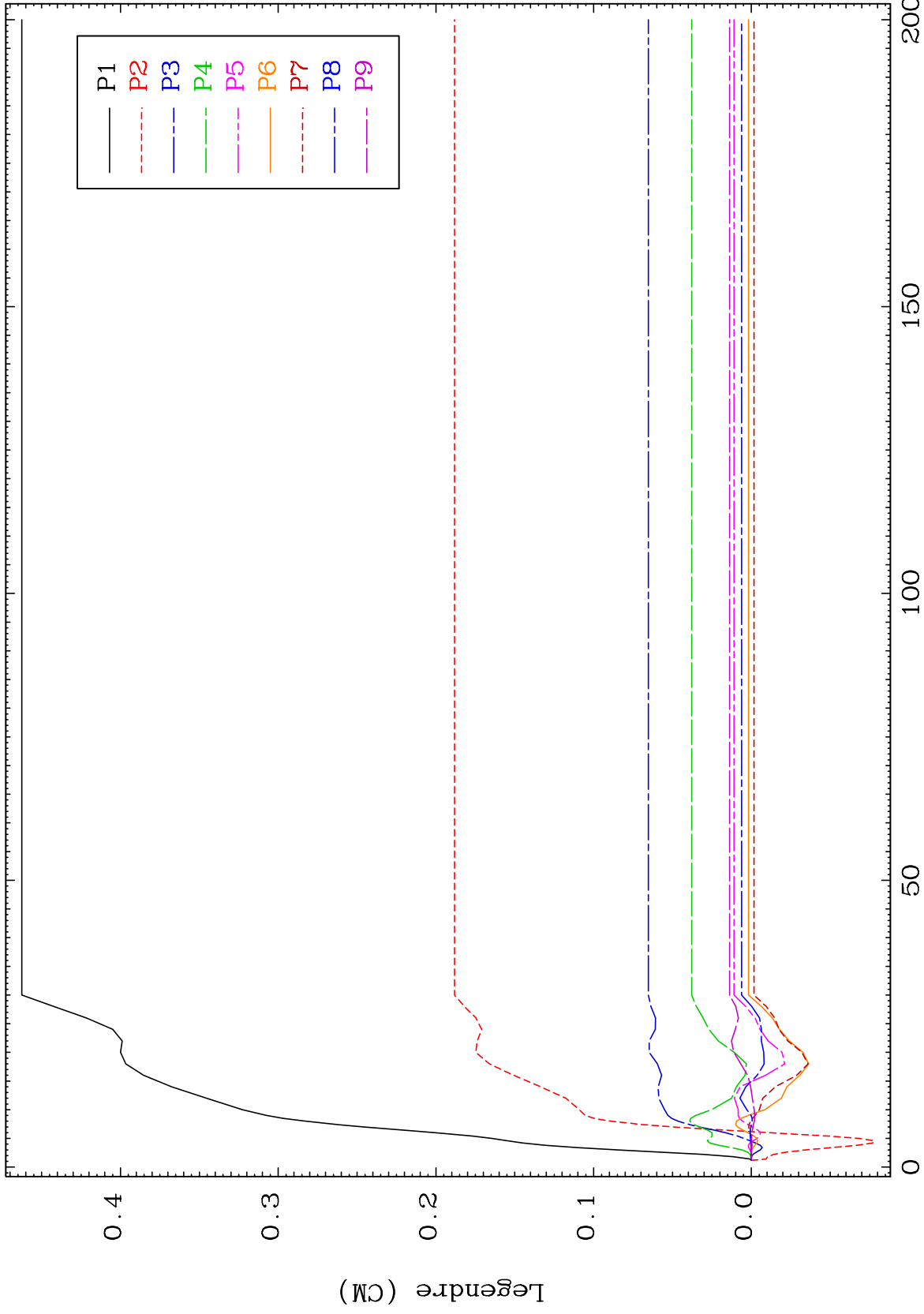
53-I -119

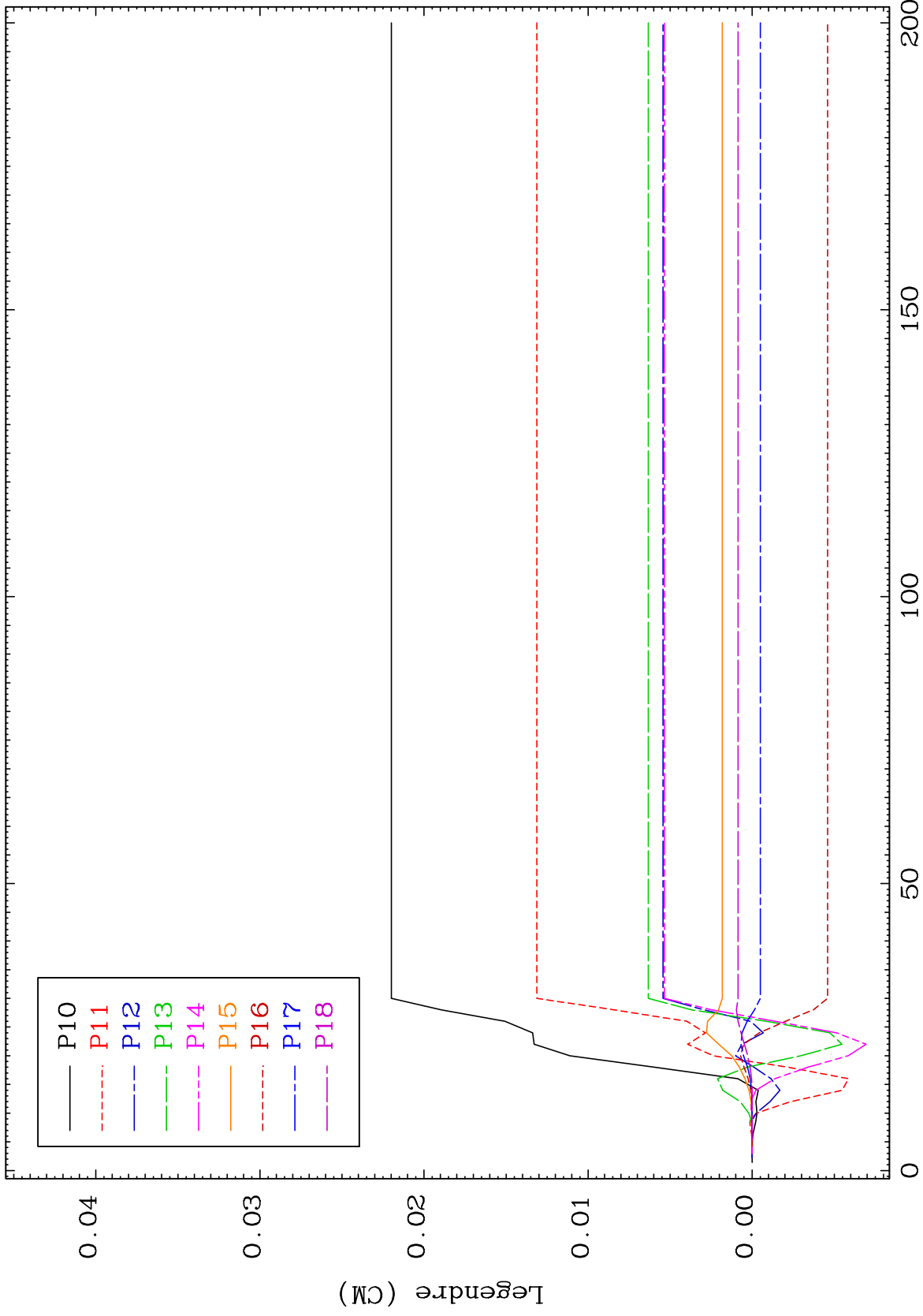


87

Incident Energy (MeV)

53-I -119

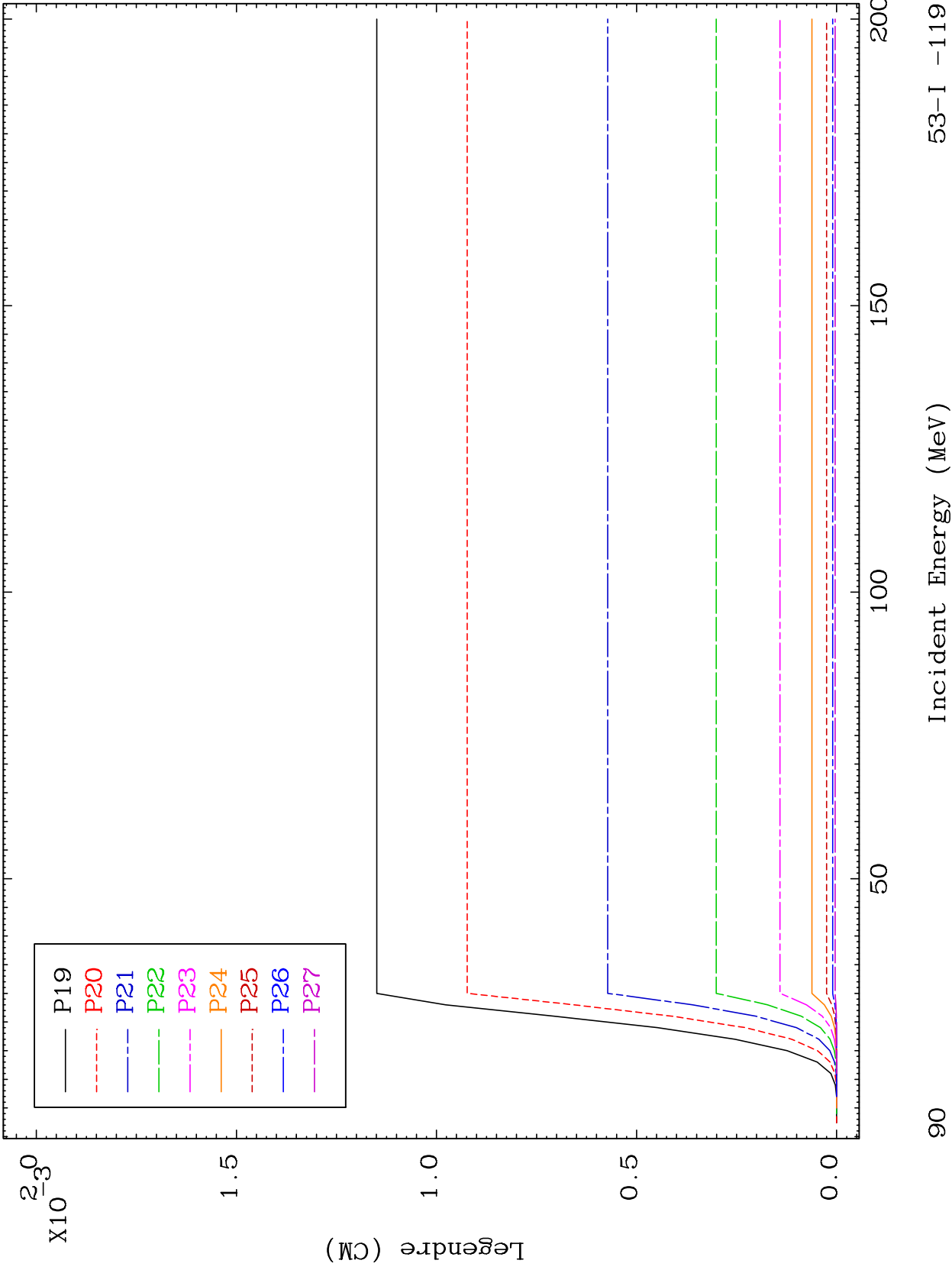




MAT 5301

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

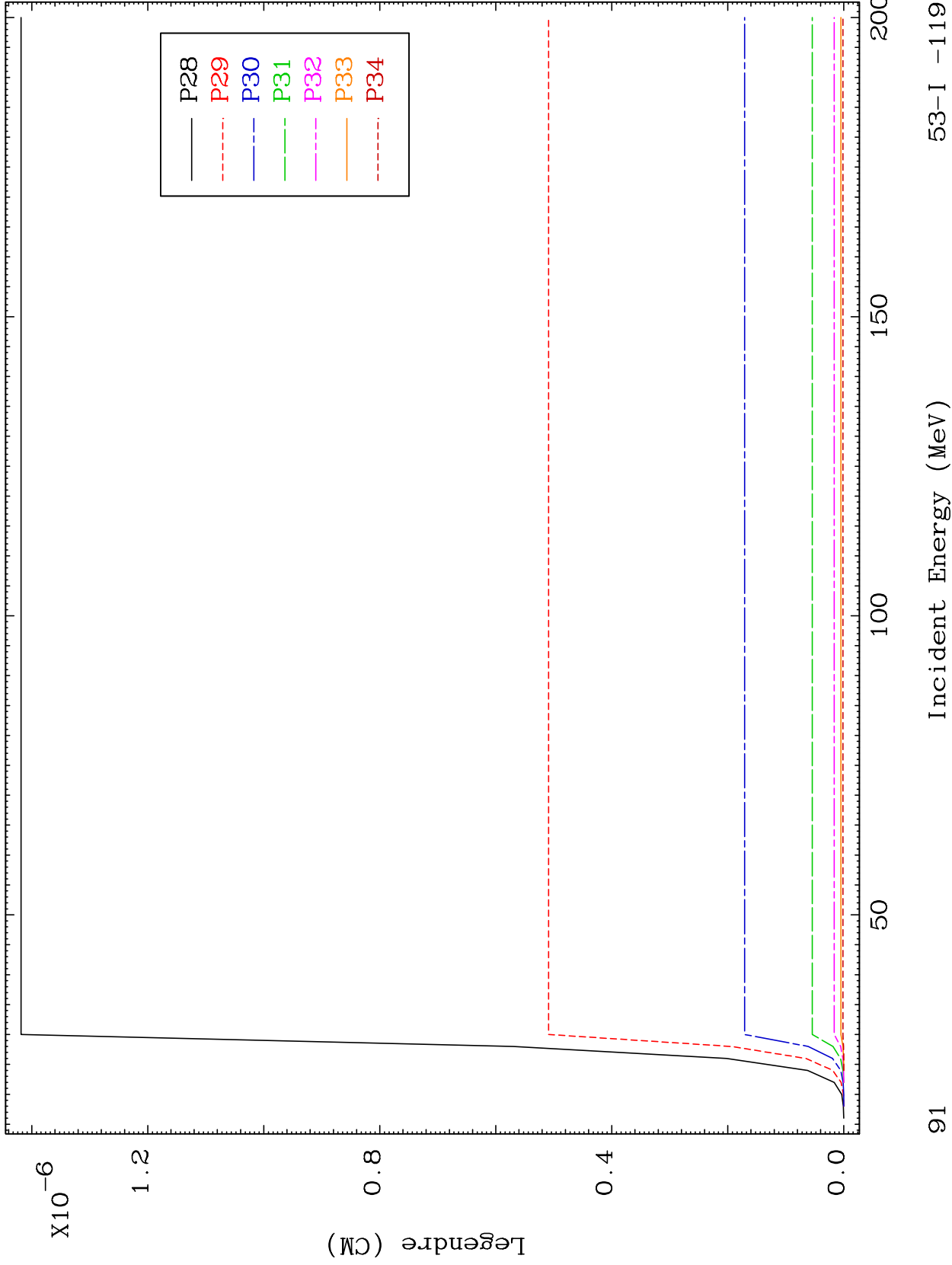
53-I -119

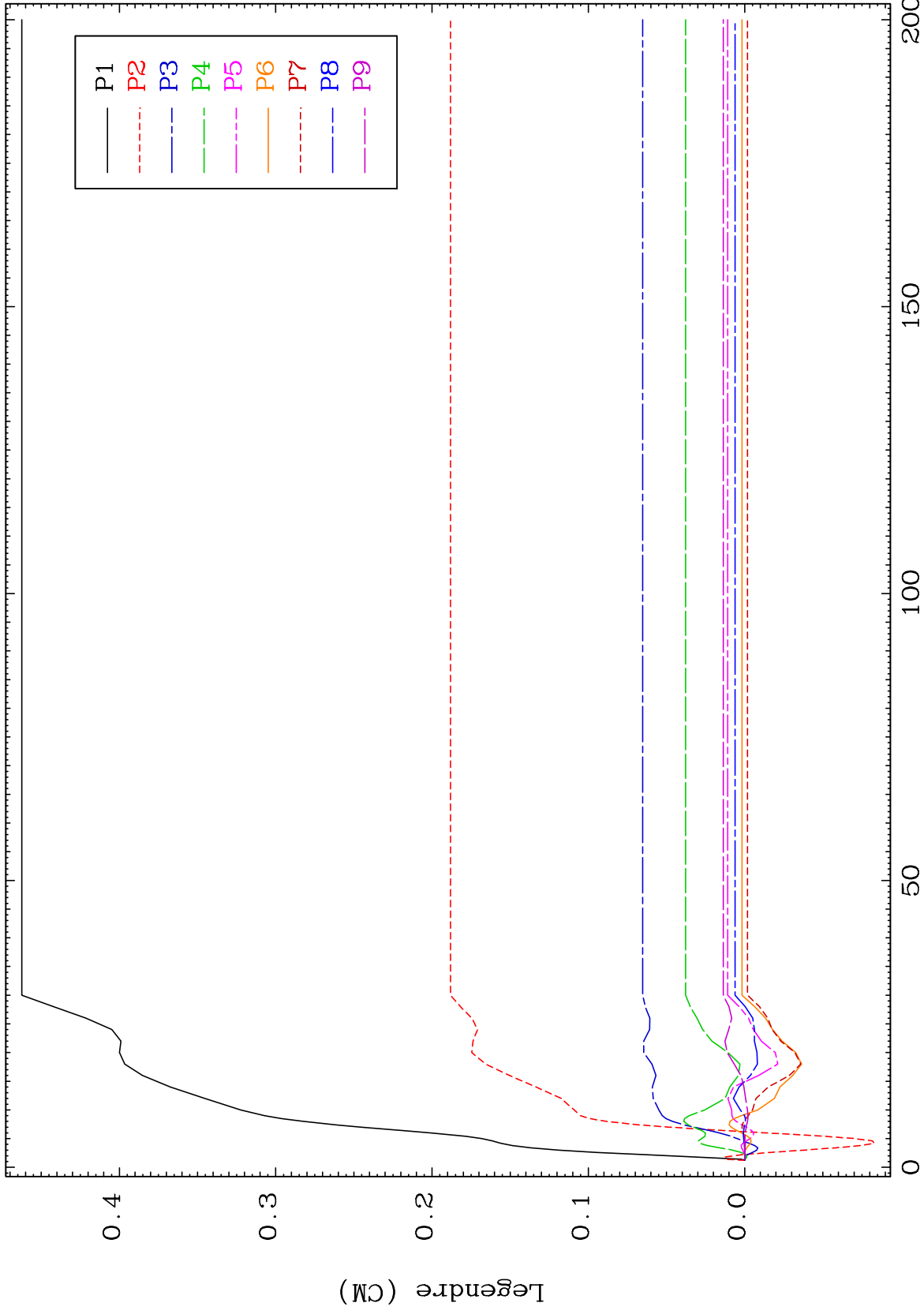


90

Incident Energy (MeV)

53-I -119

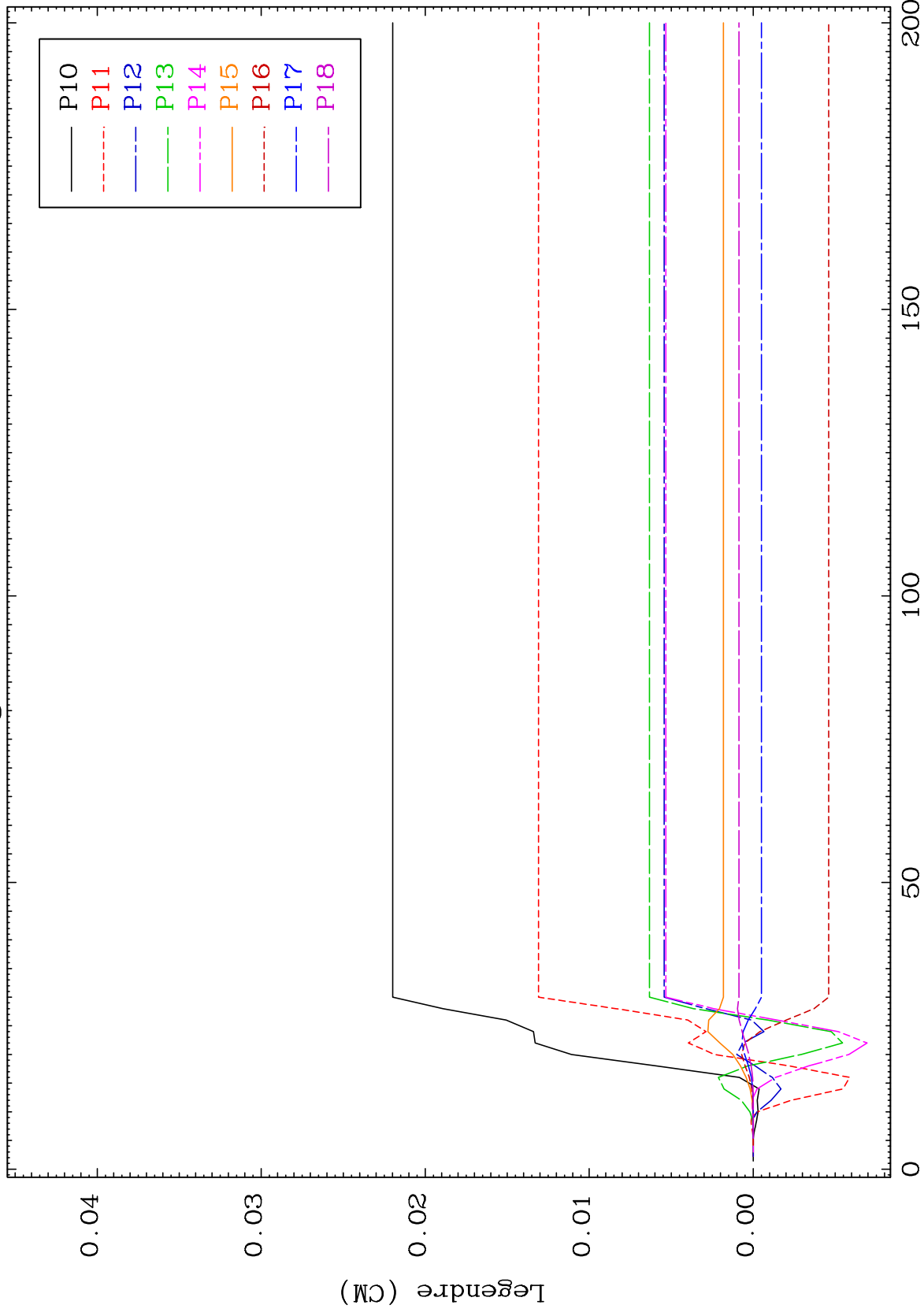




MAT 5301

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

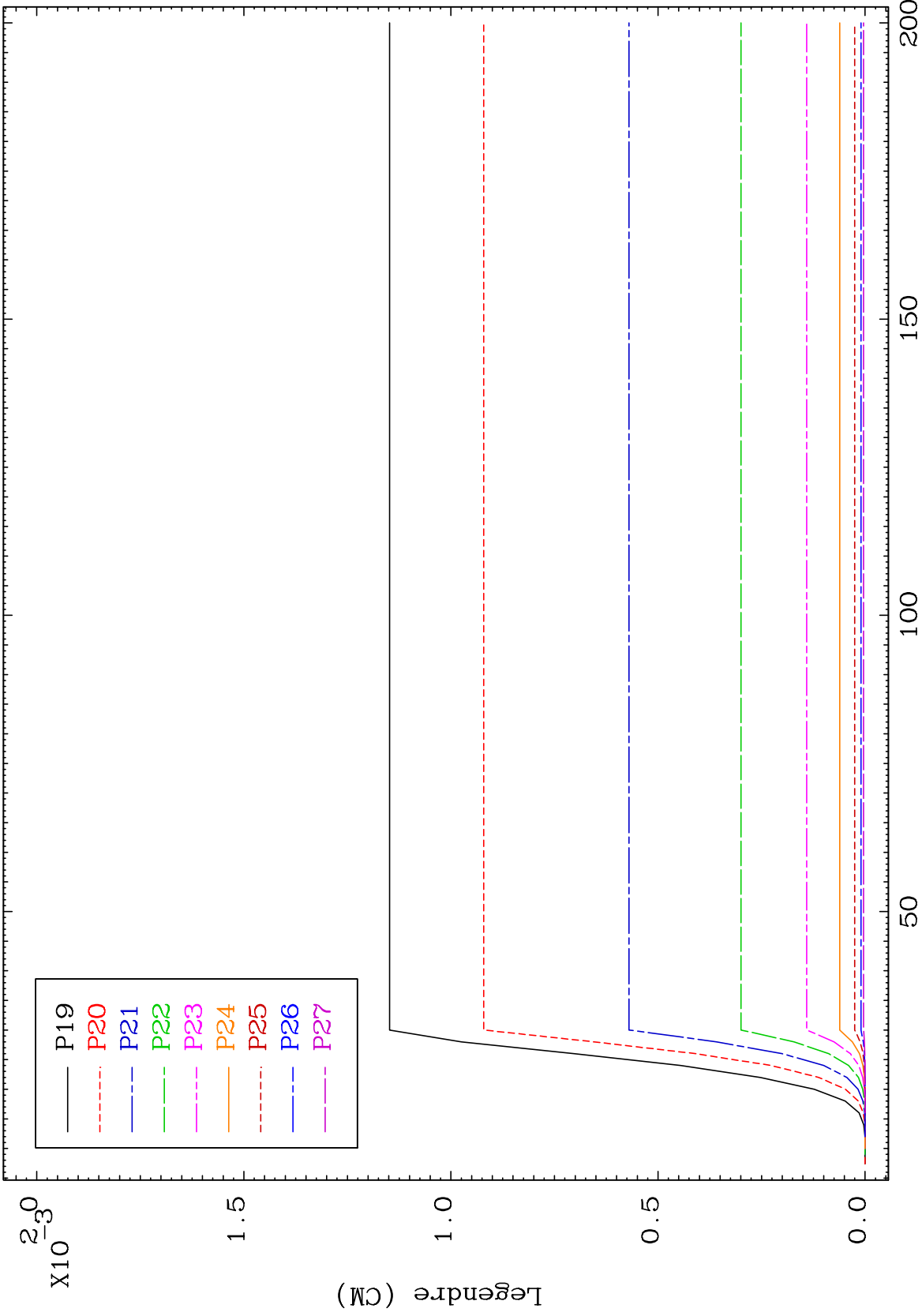
53-I -119



93

Incident Energy (MeV)

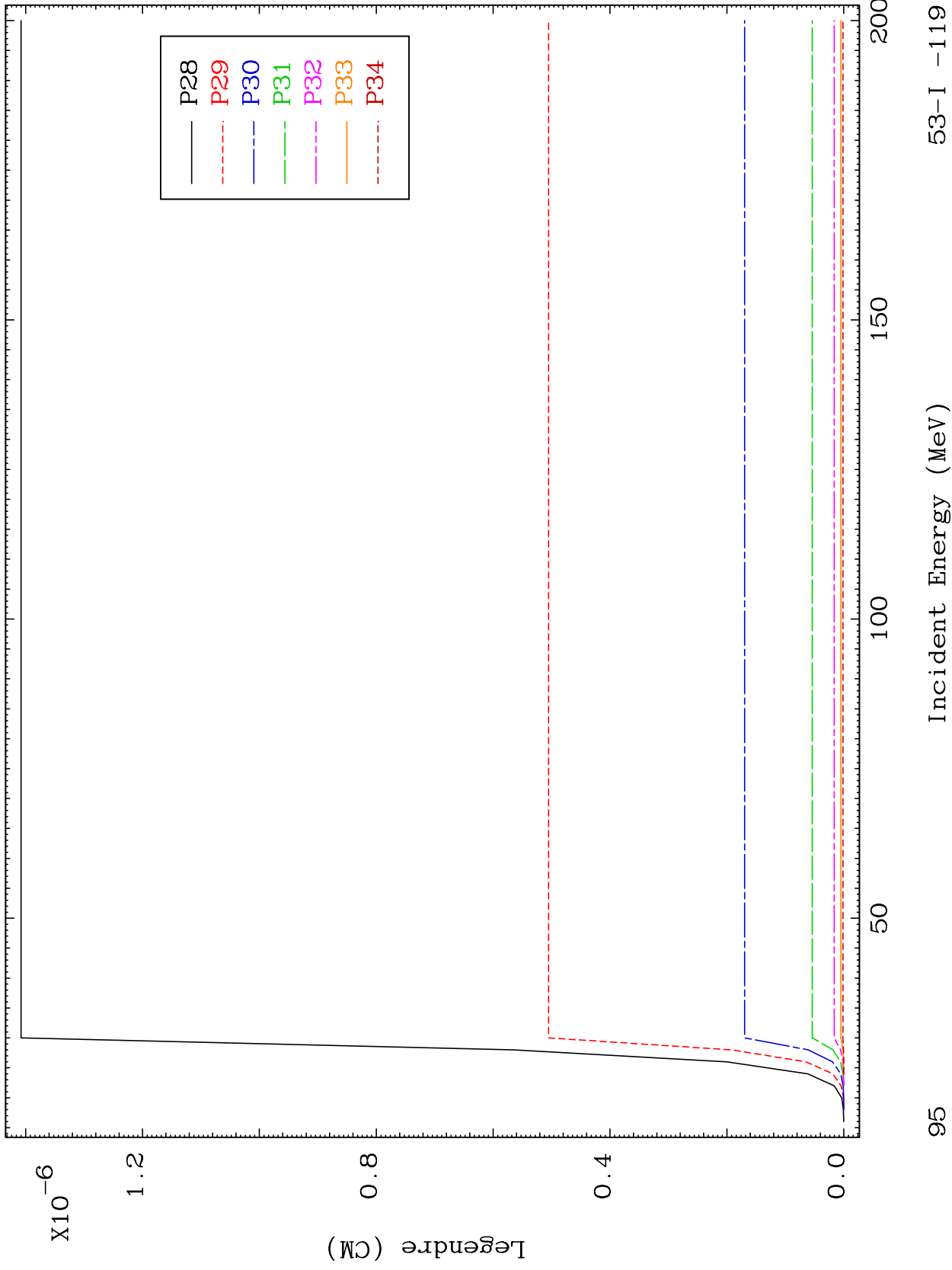
53-I -119



MAT 5301

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

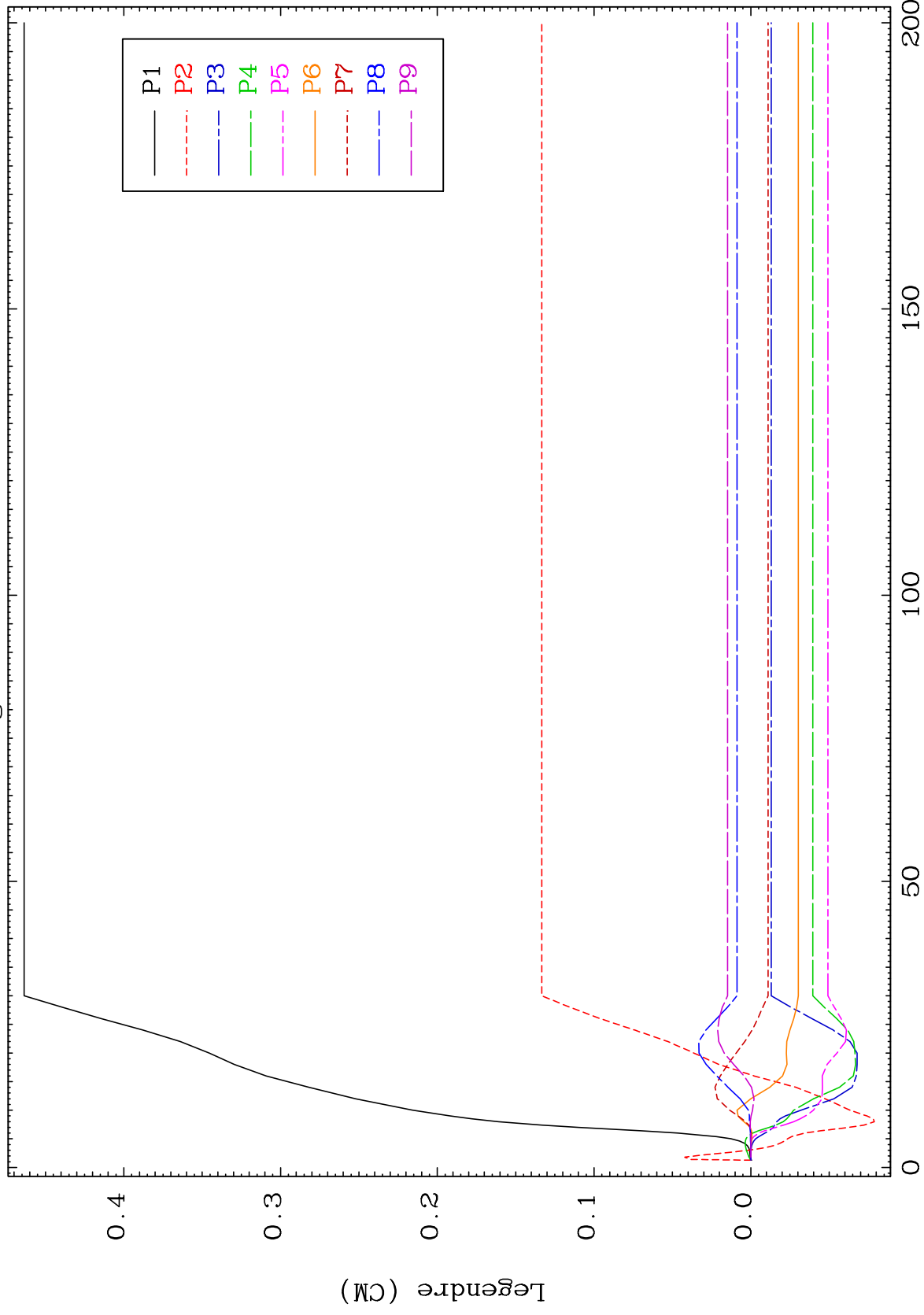
53-I -119

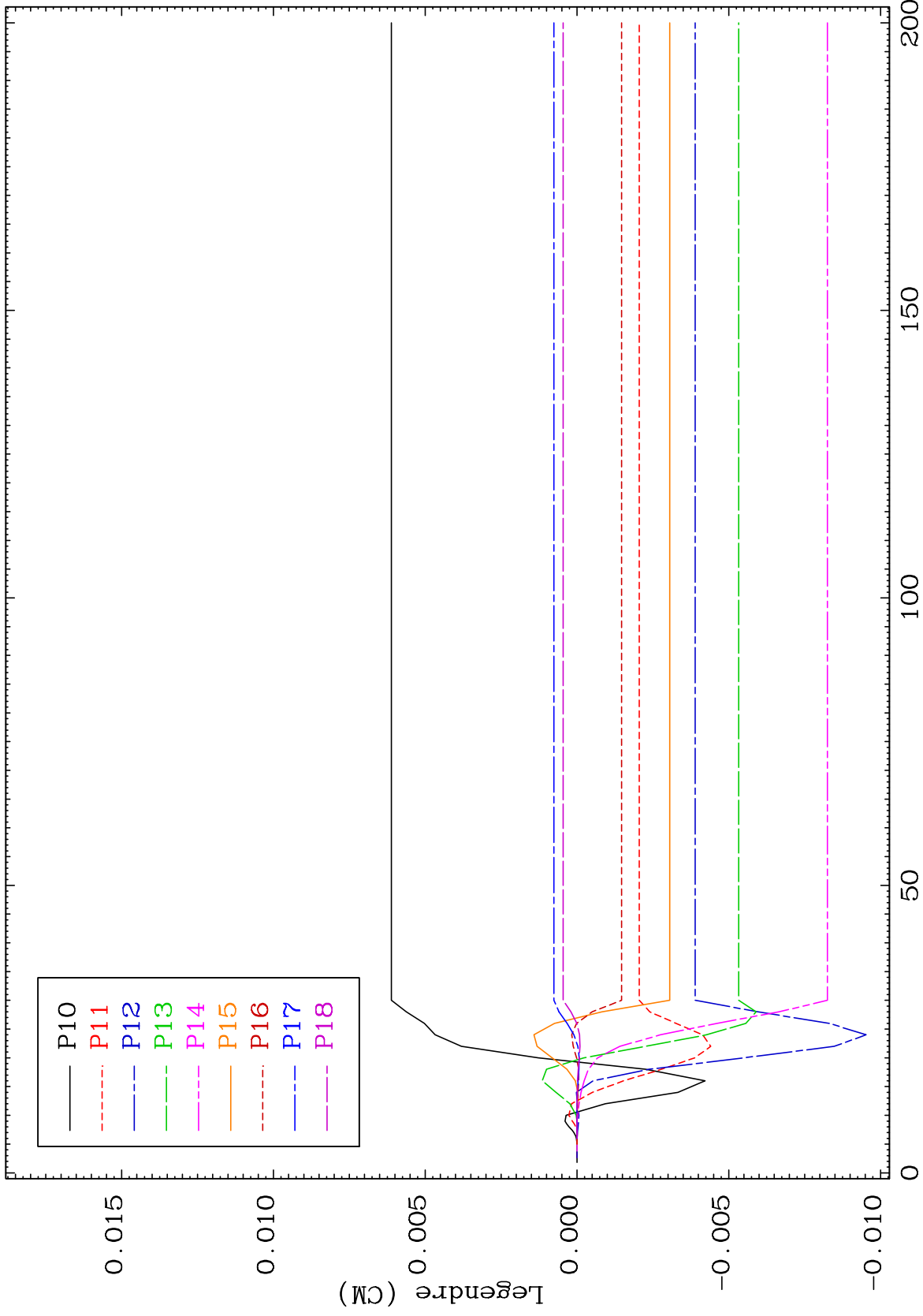


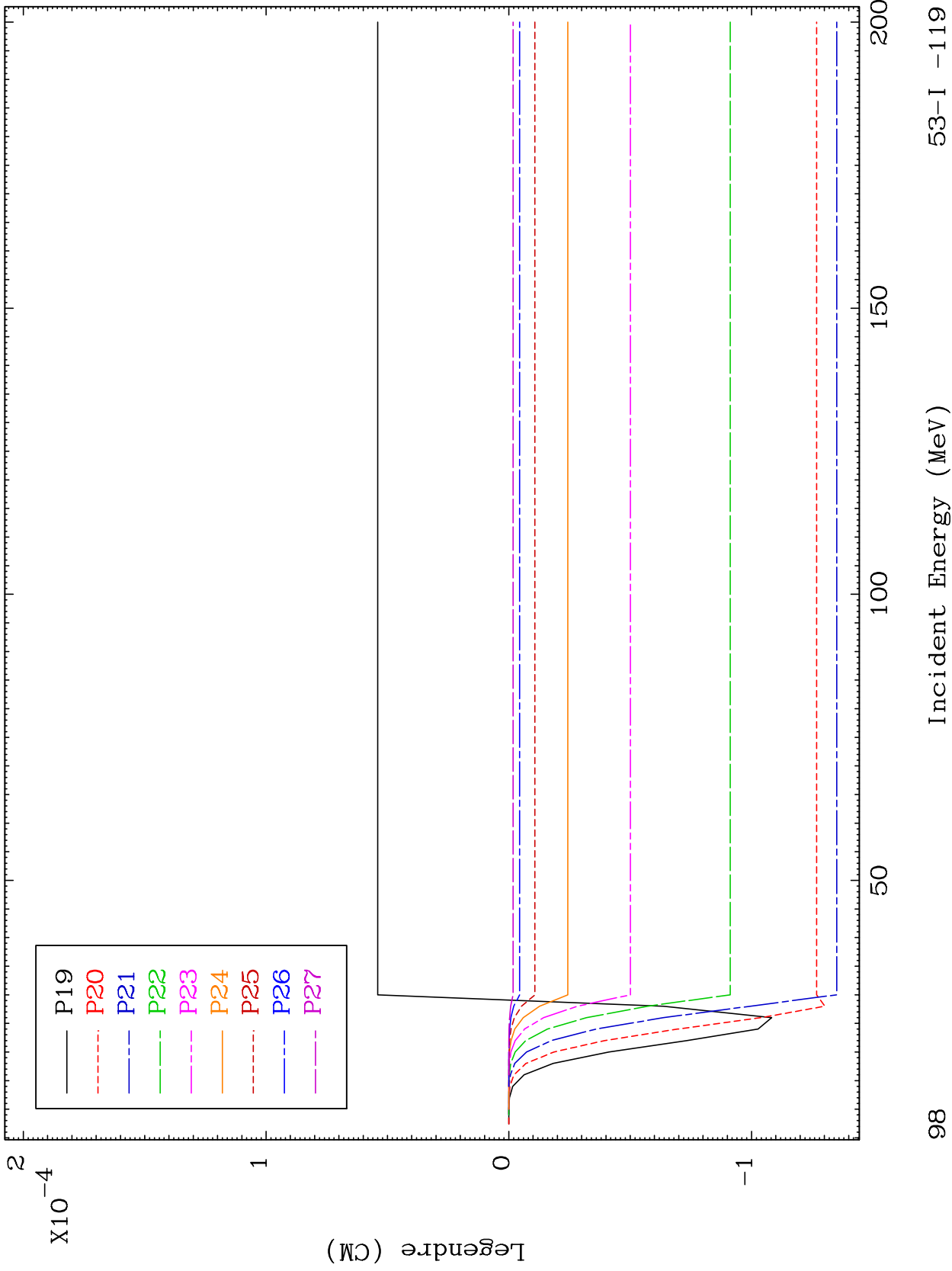
95

Incident Energy (MeV)

53-I -119



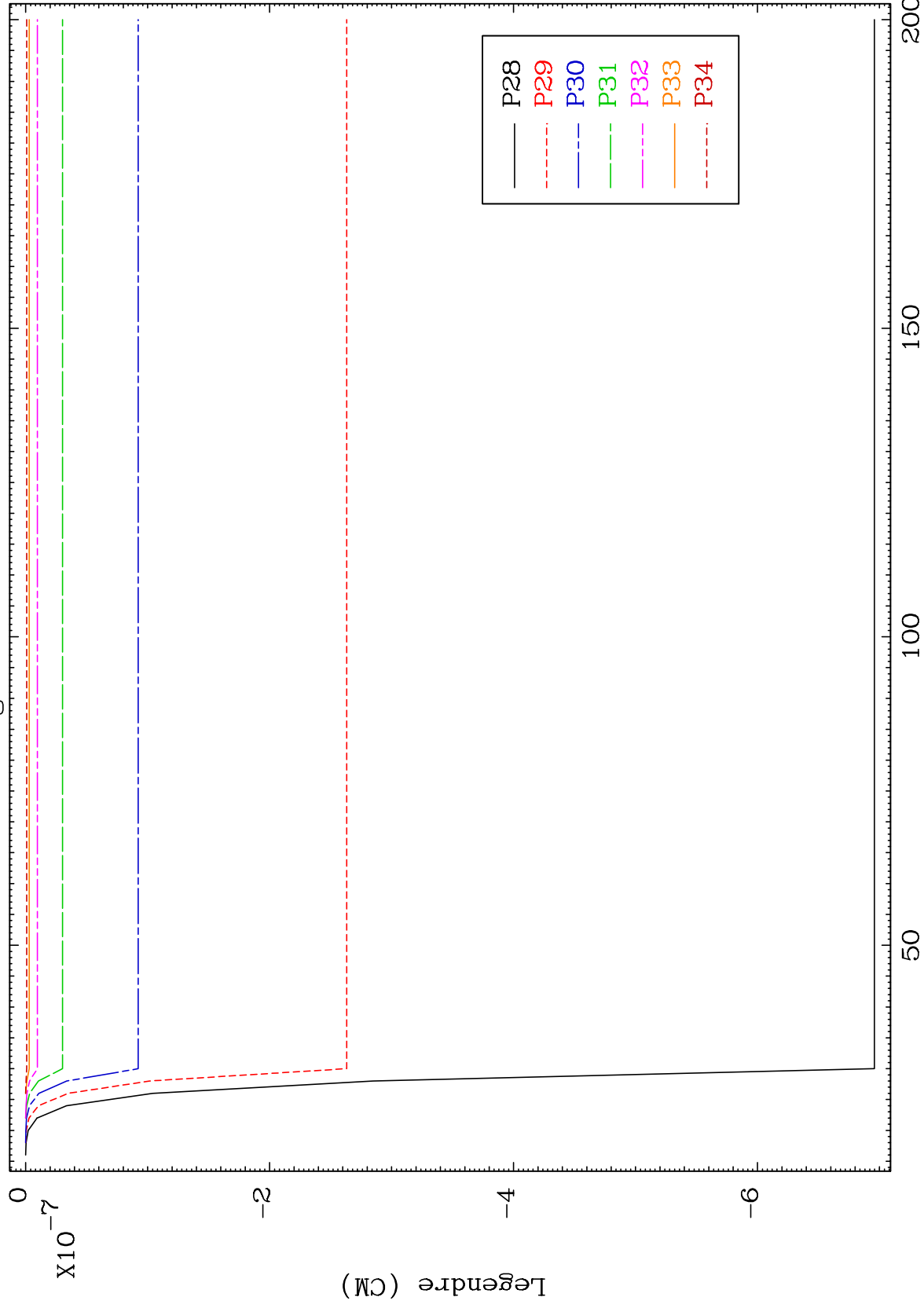




MAT 5301

MT= 70 (n,n') Level
Legendre Coefficients

53-I -119



99

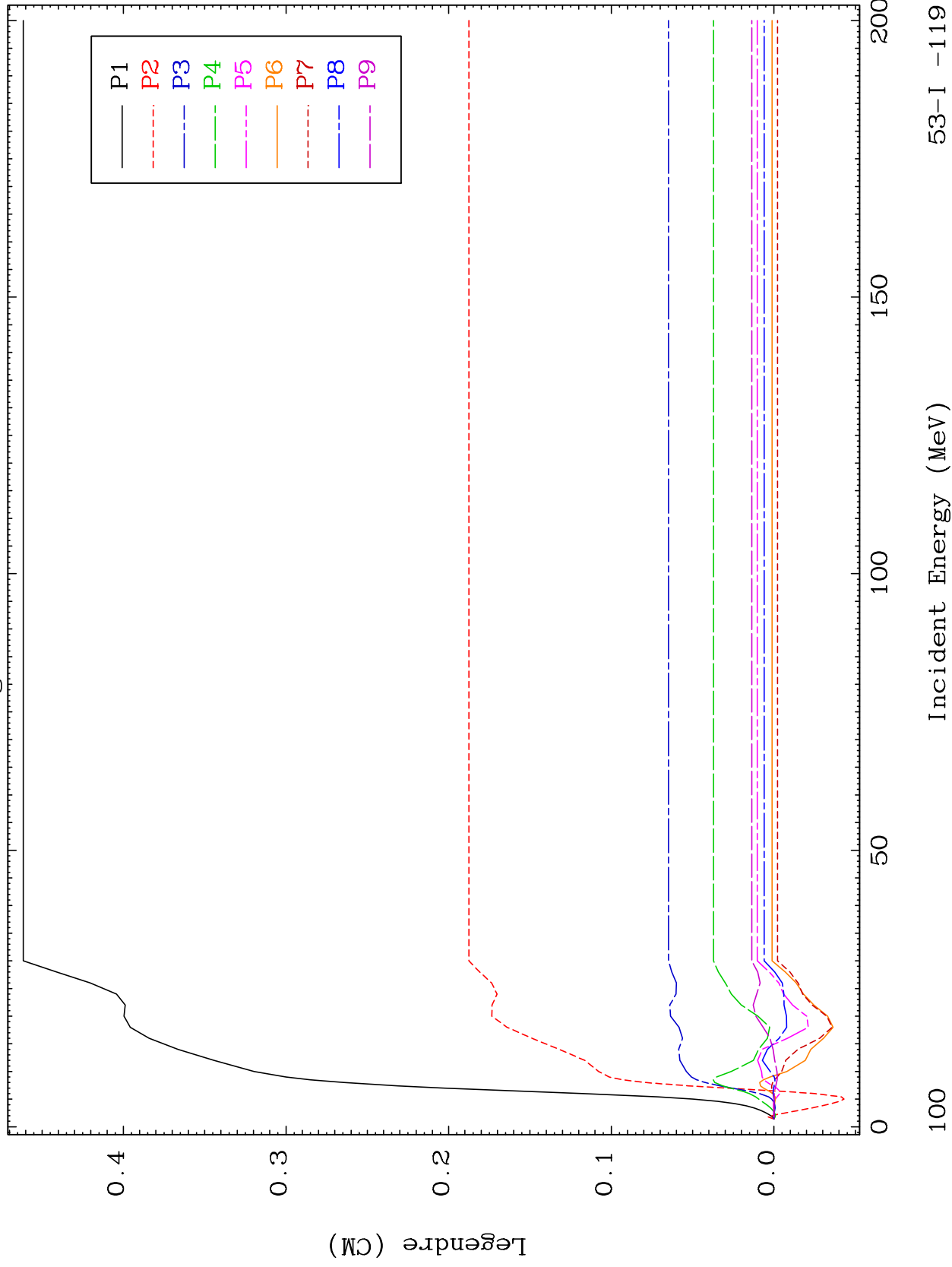
Incident Energy (MeV)

53-I -119

MAT 5301

MT= 71 (n,n') Level
Legendre Coefficients

53-I -119

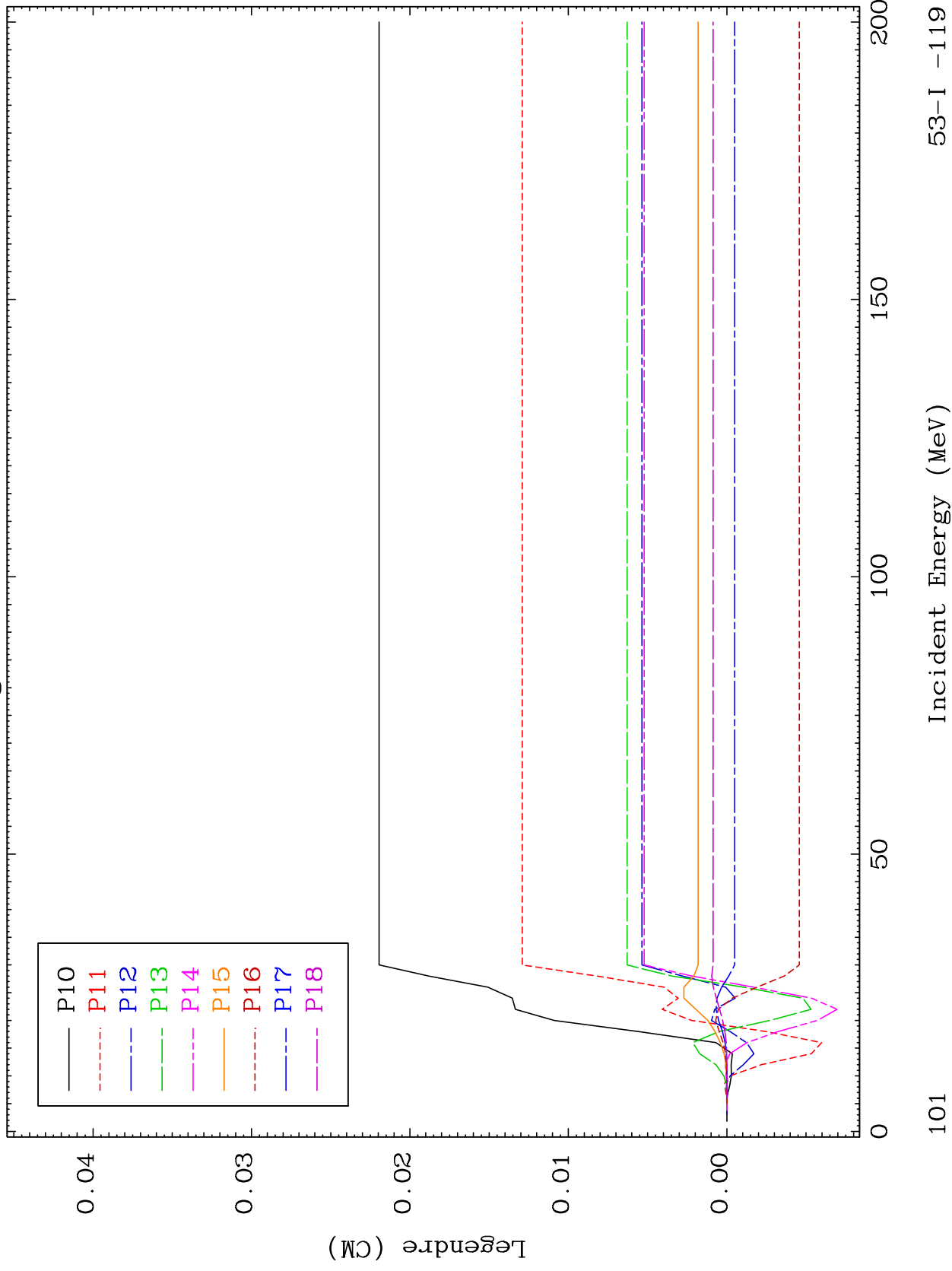


53-I -119

MAT 5301

MT= 71 (n,n') Level
Legendre Coefficients

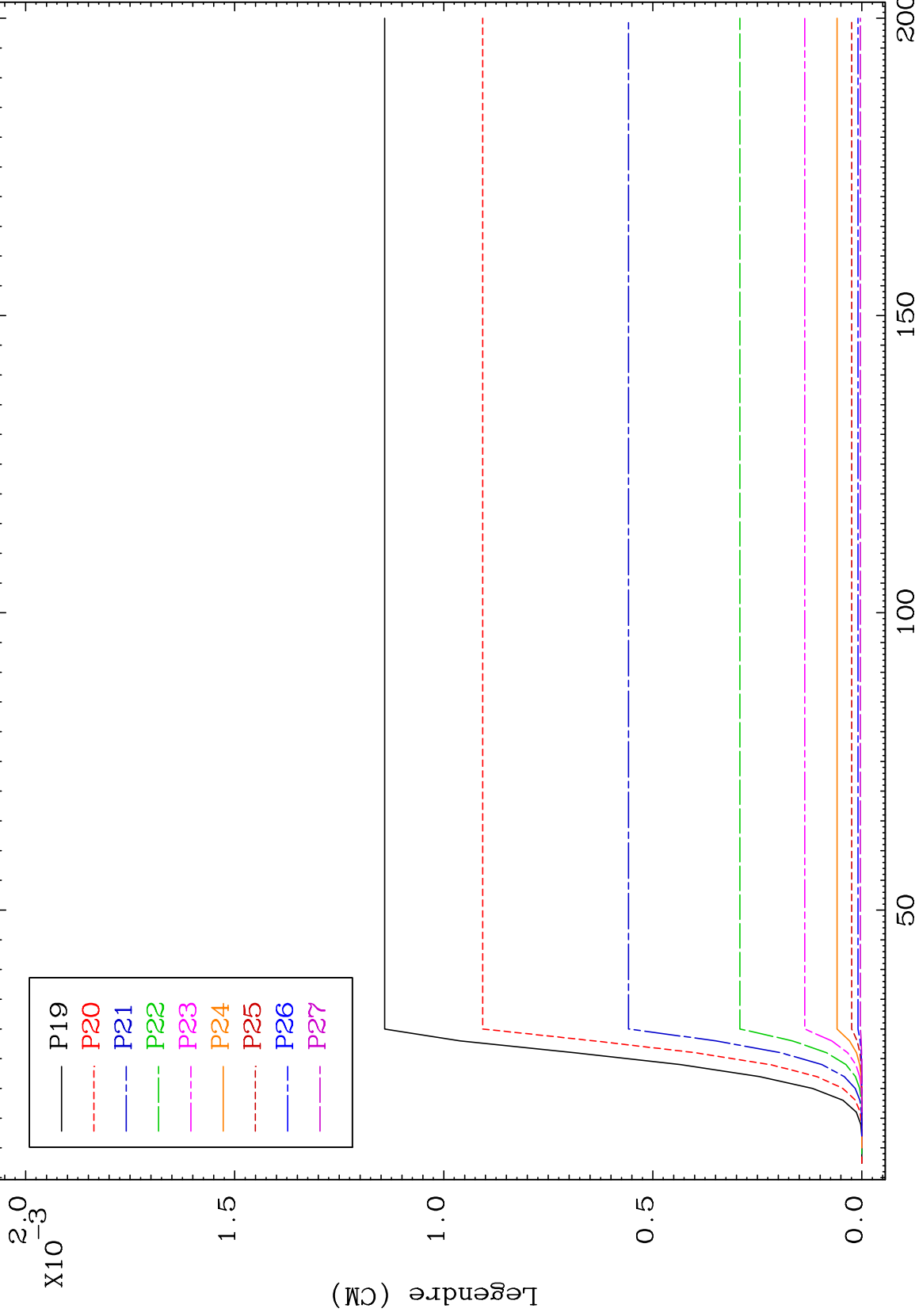
53-I -119

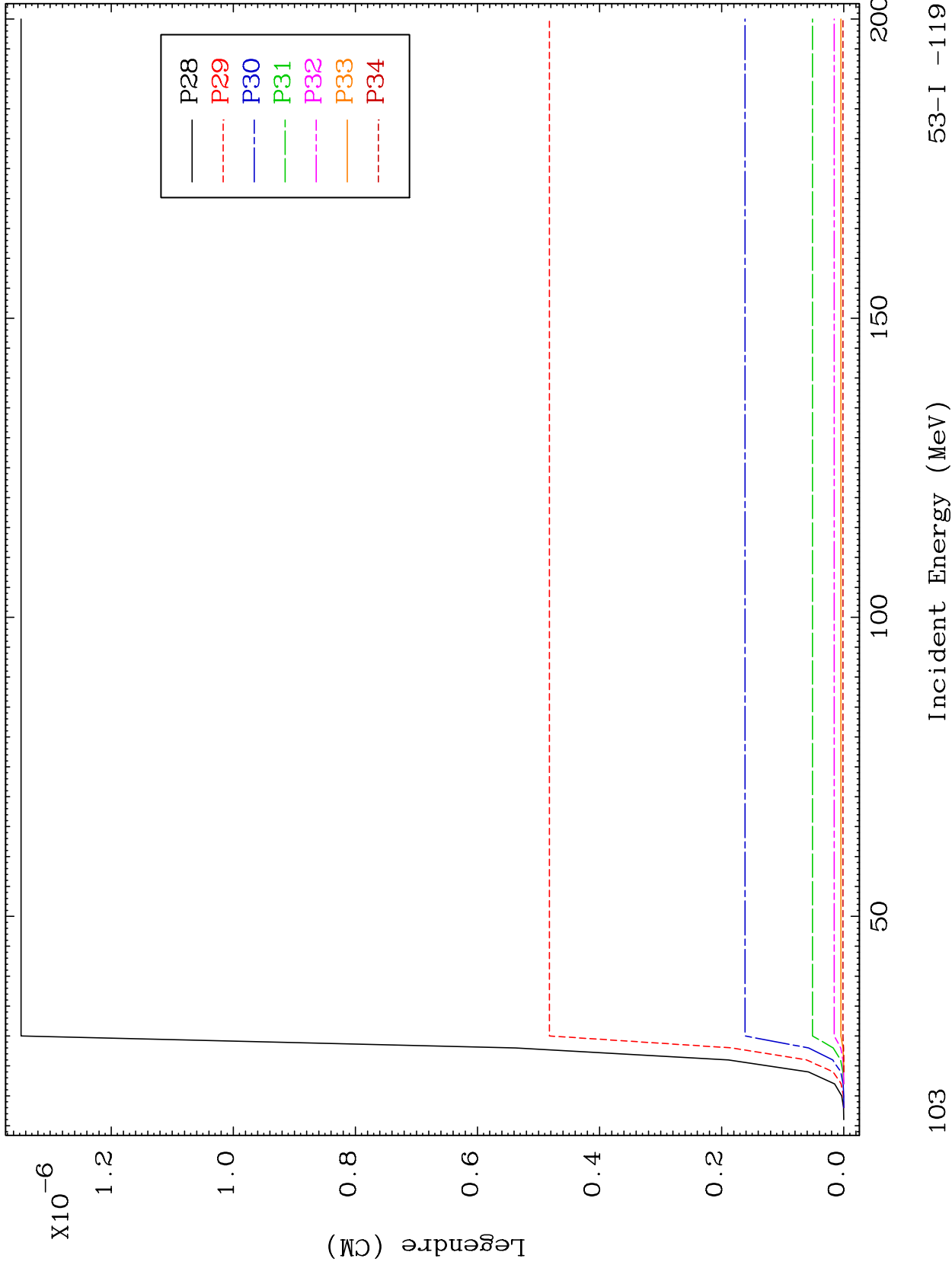


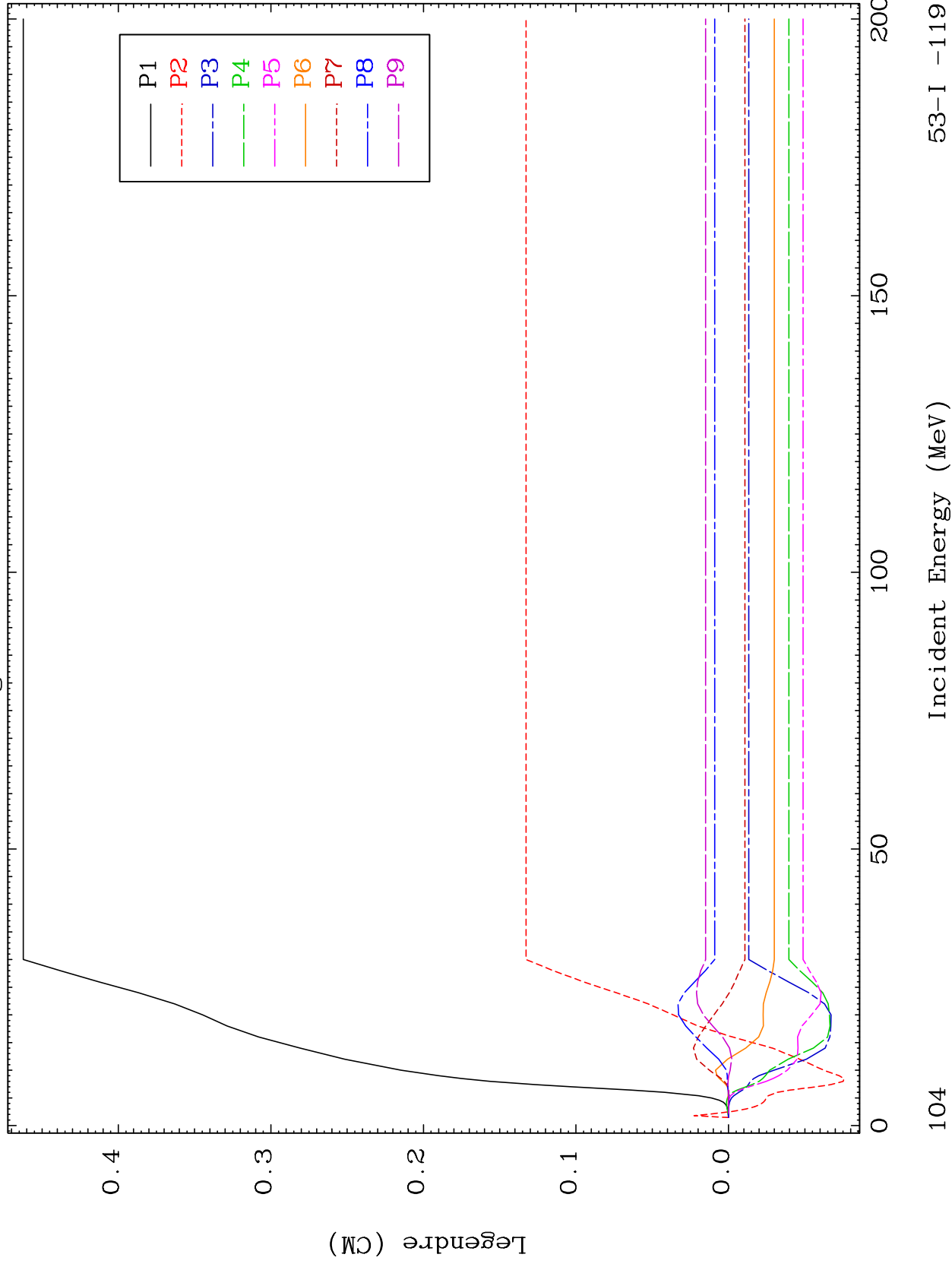
53-I -119

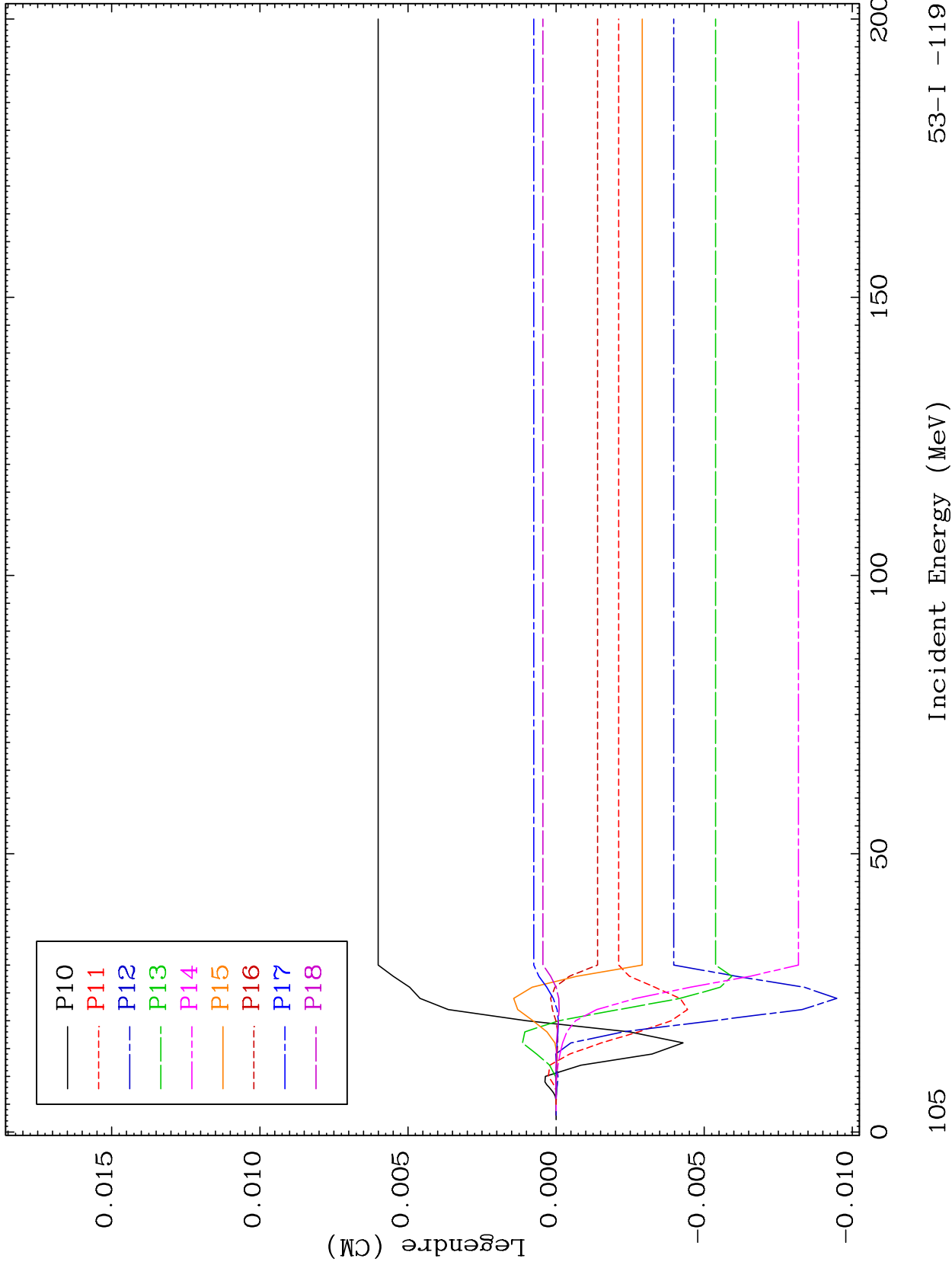
Incident Energy (MeV)

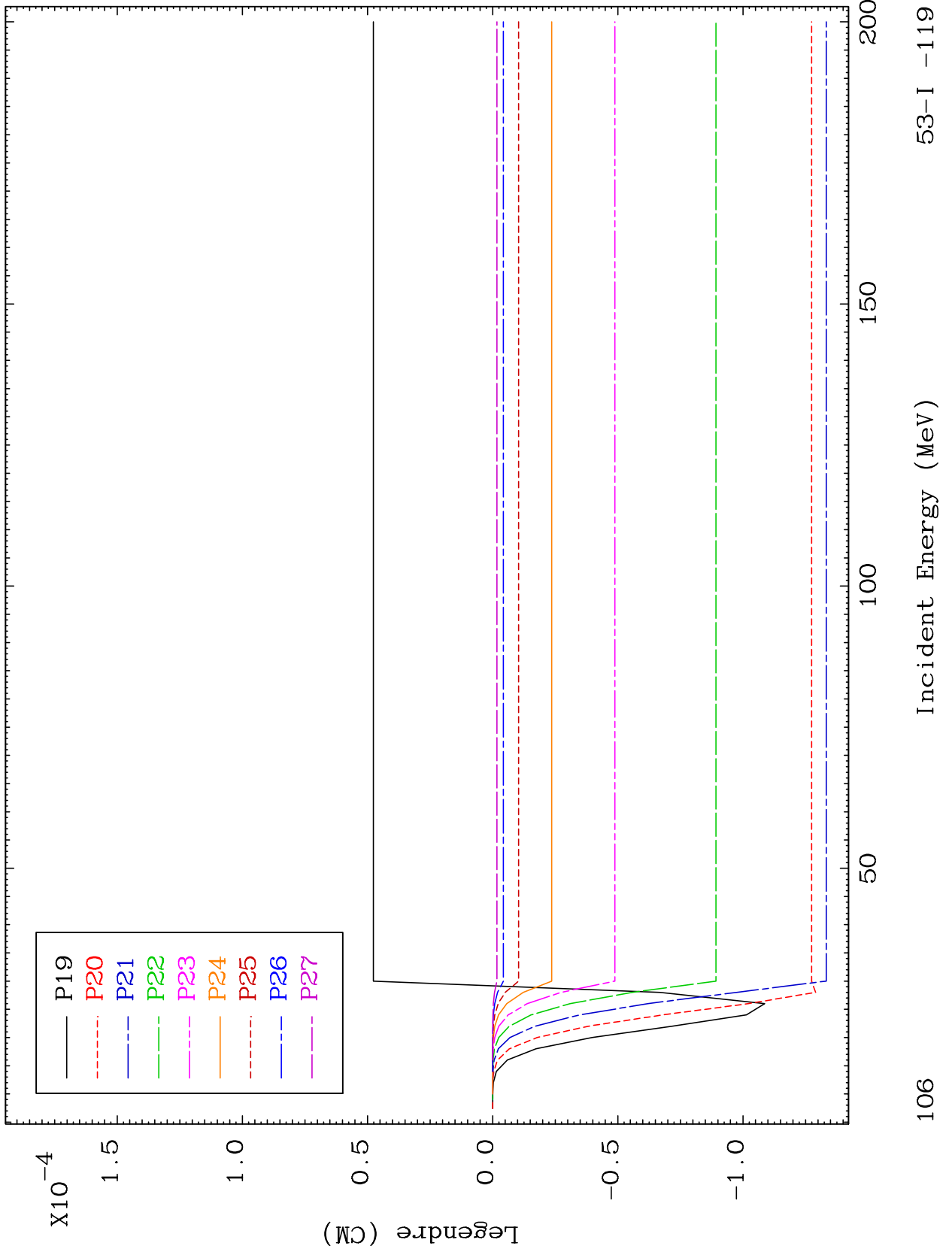
101









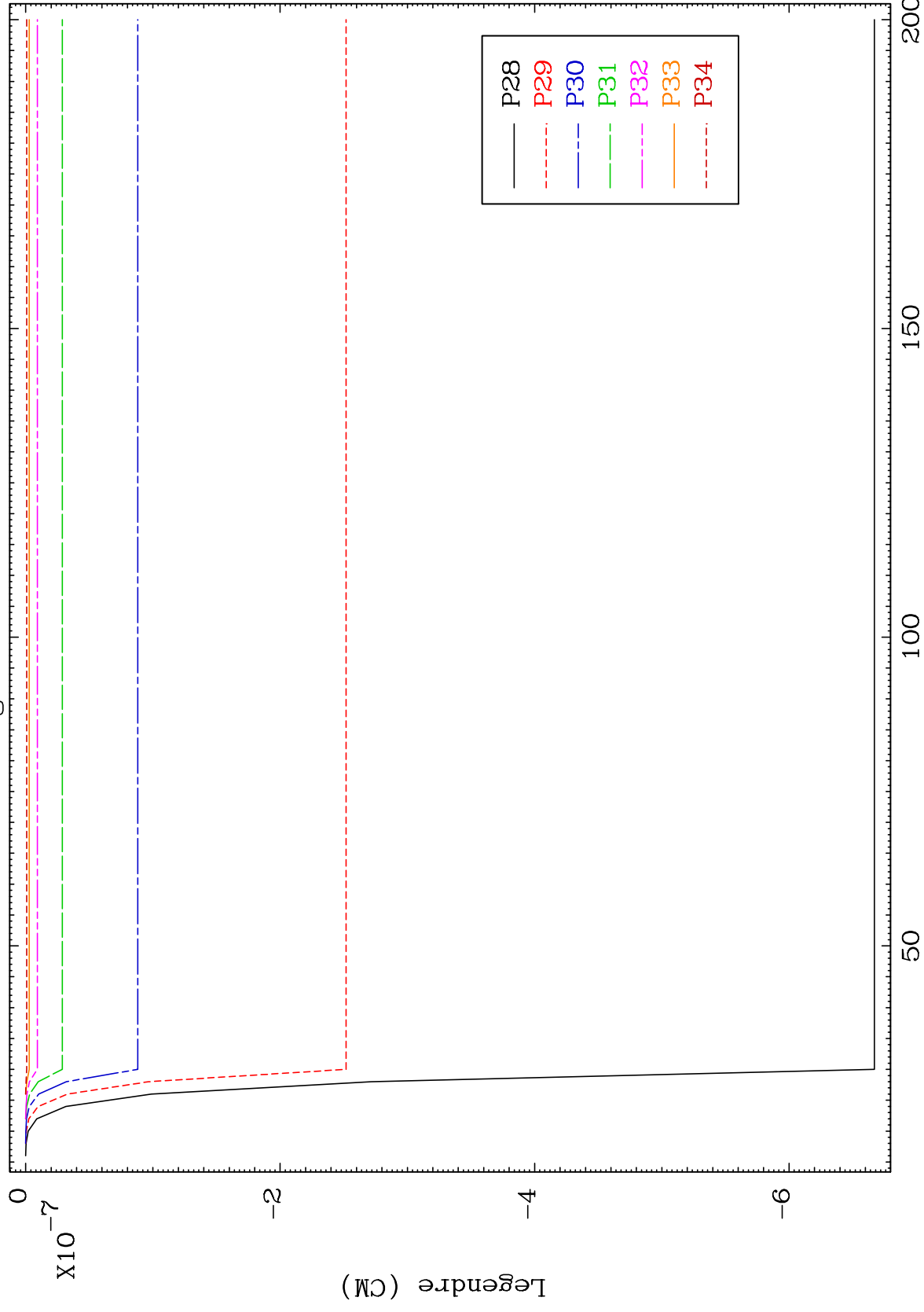


MAT 5301

MT= 72 (n,n') Level

53-I -119

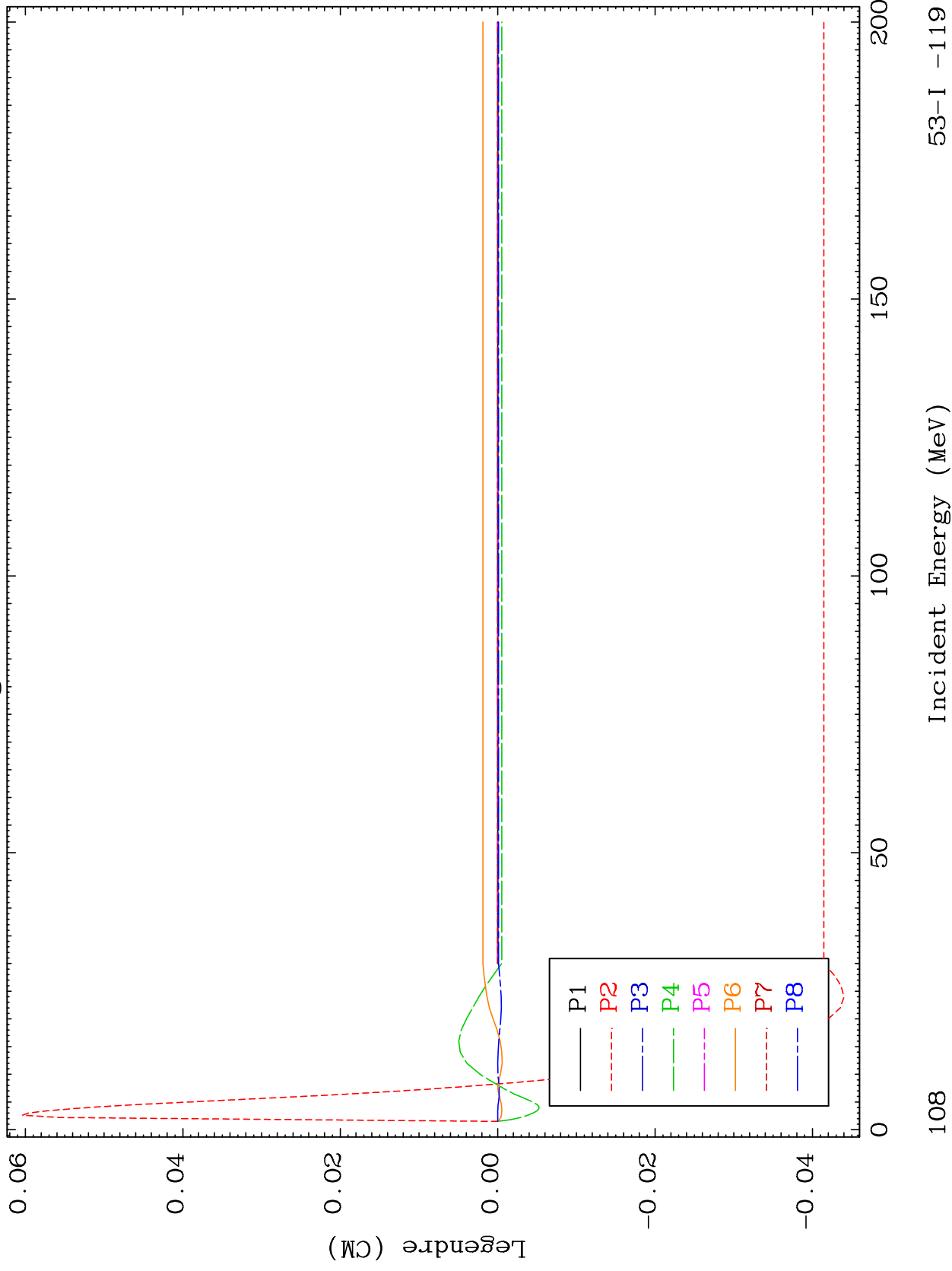
Legendre Coefficients

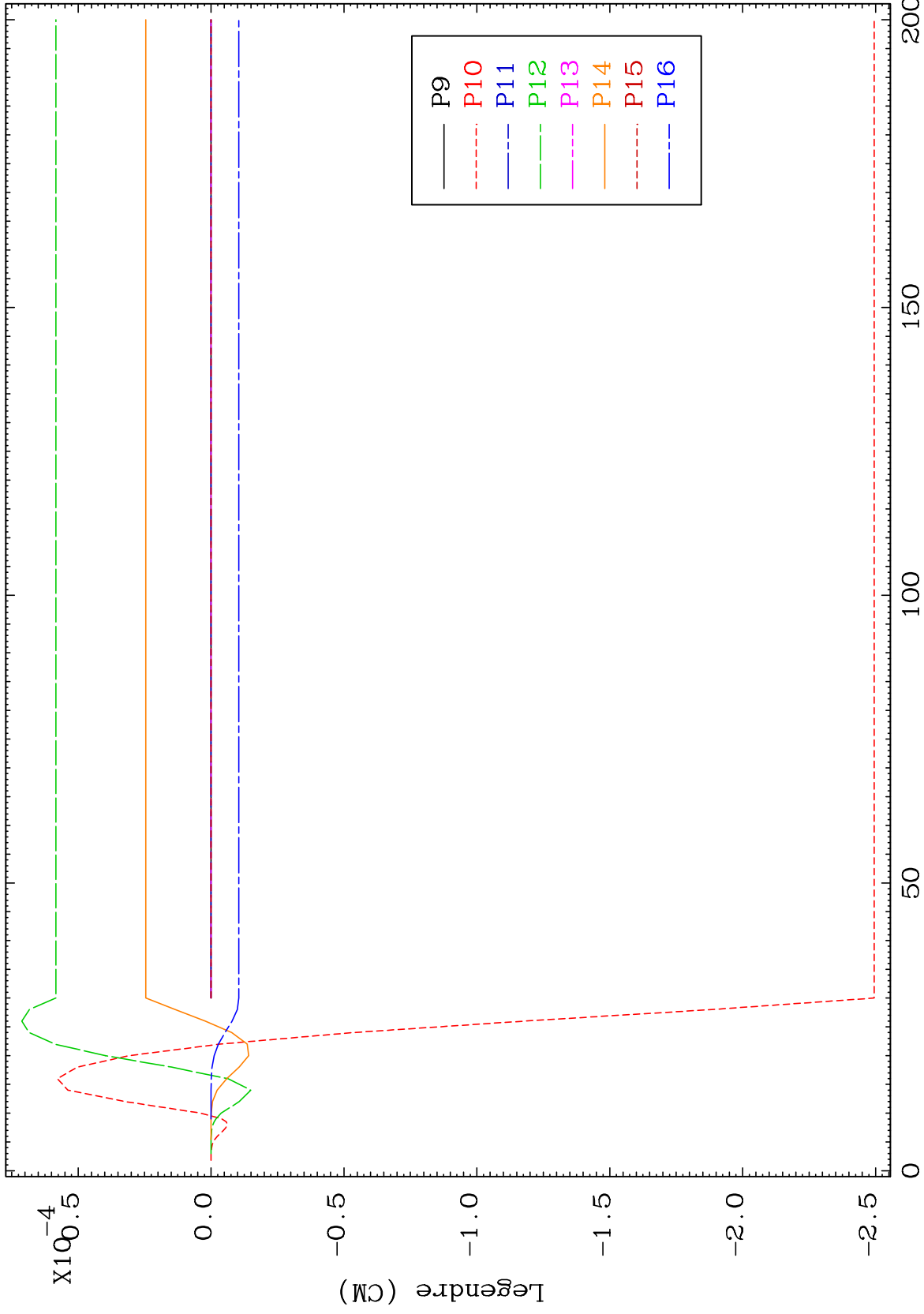


107

Incident Energy (MeV)

53-I -119

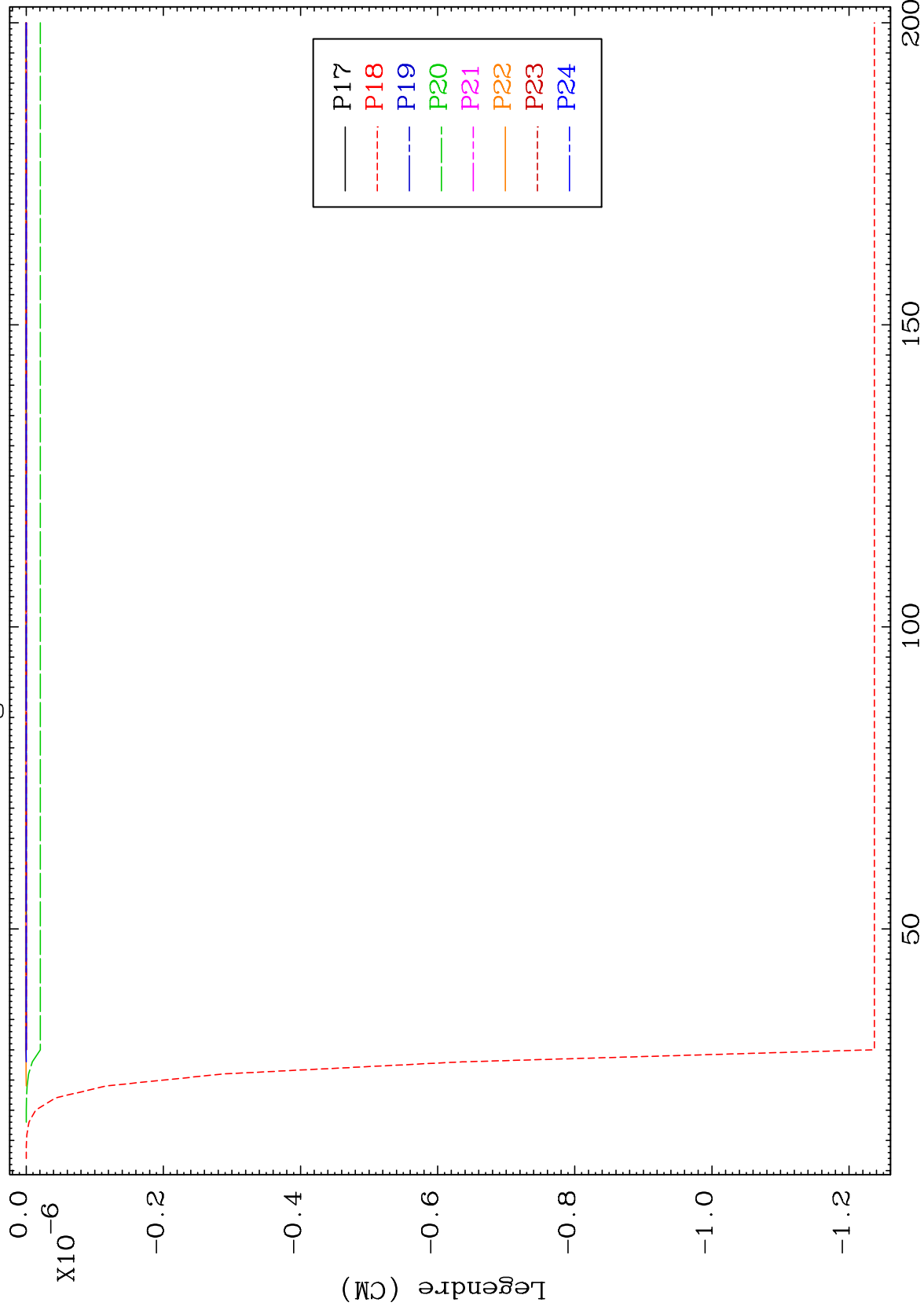




MAT 5301

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

53-I -119



53-I -119

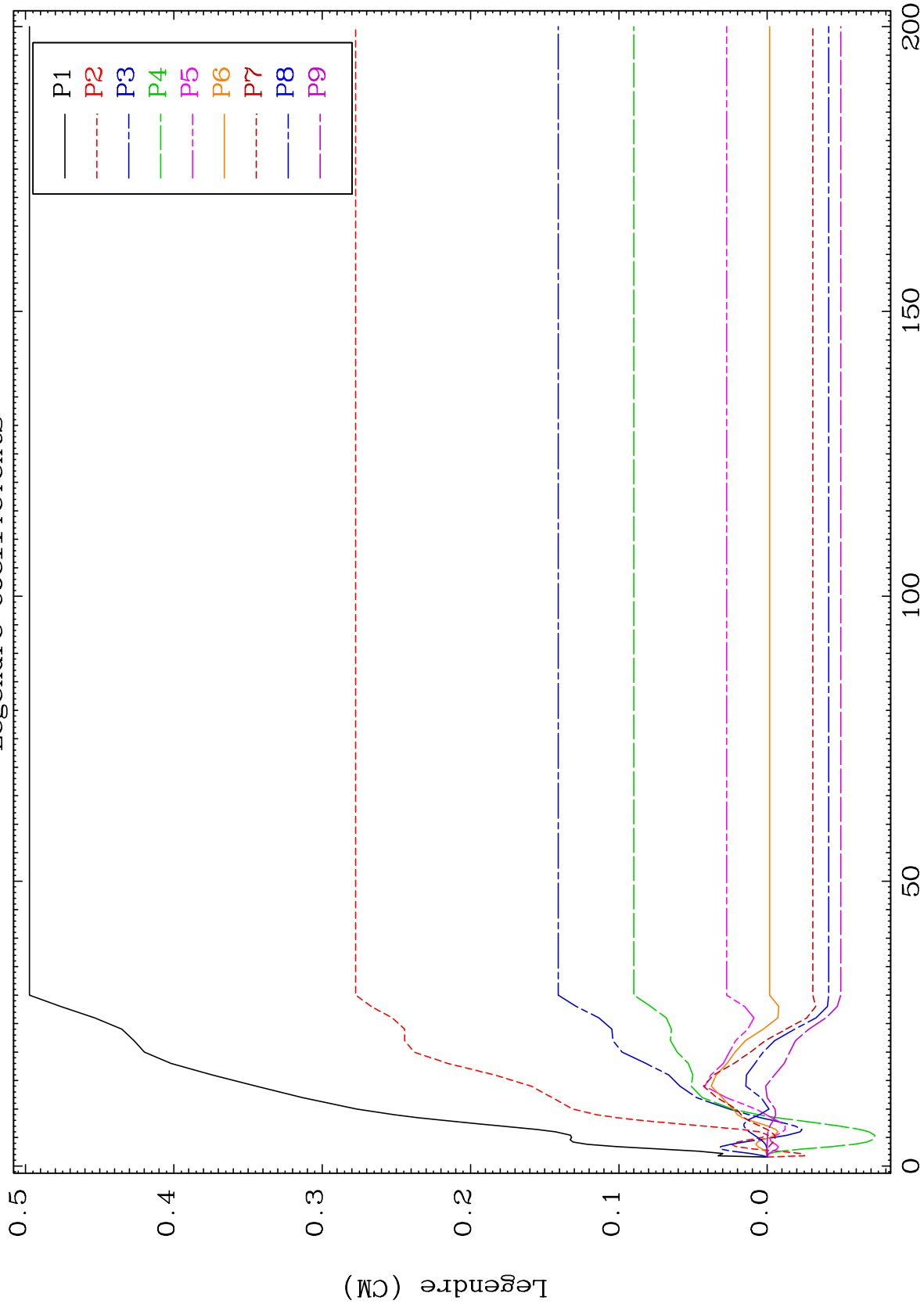
Incident Energy (MeV)

110

MAT 5301

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

53-I -119



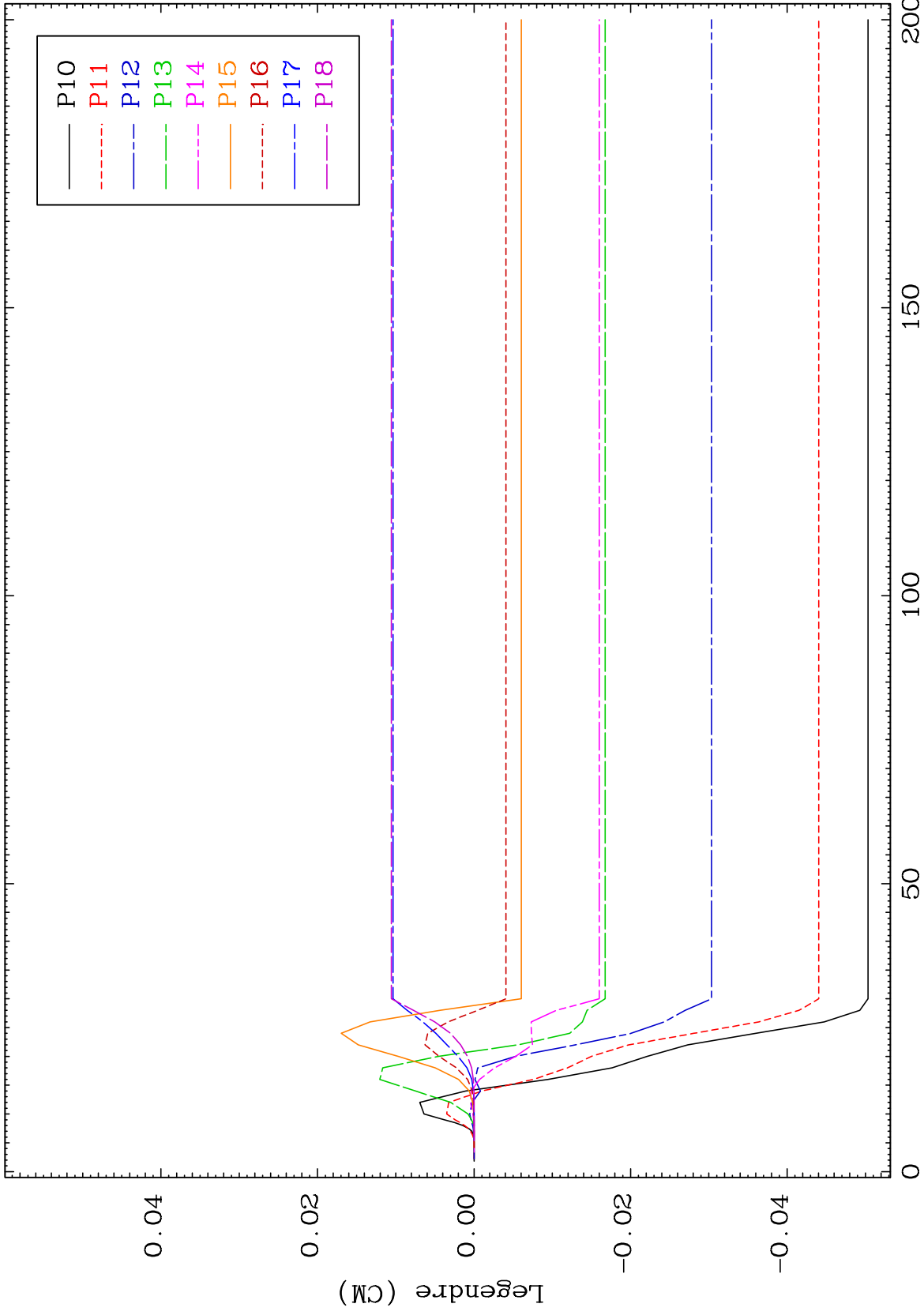
111

53-I -119

MAT 5301

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

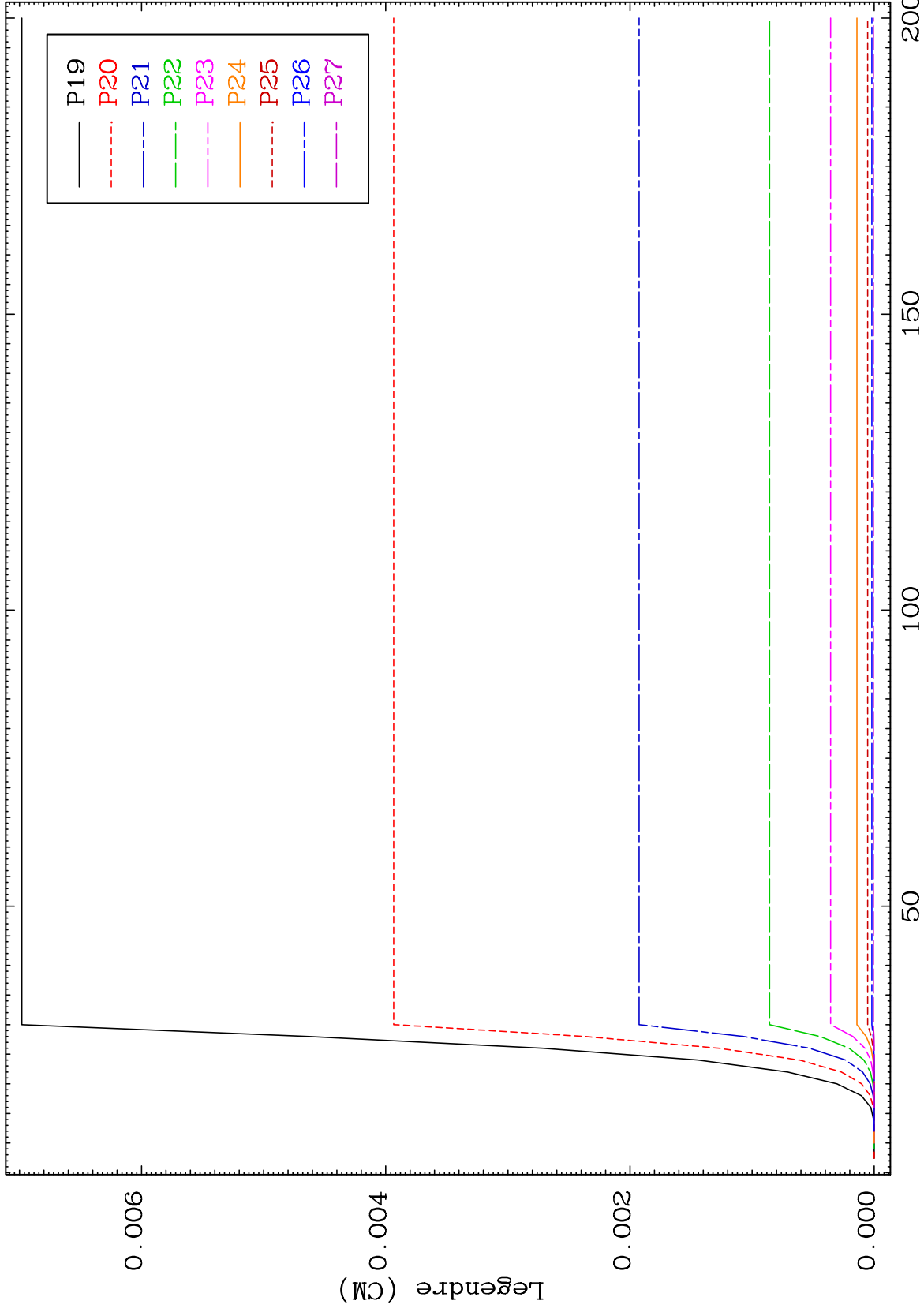
53-I -119

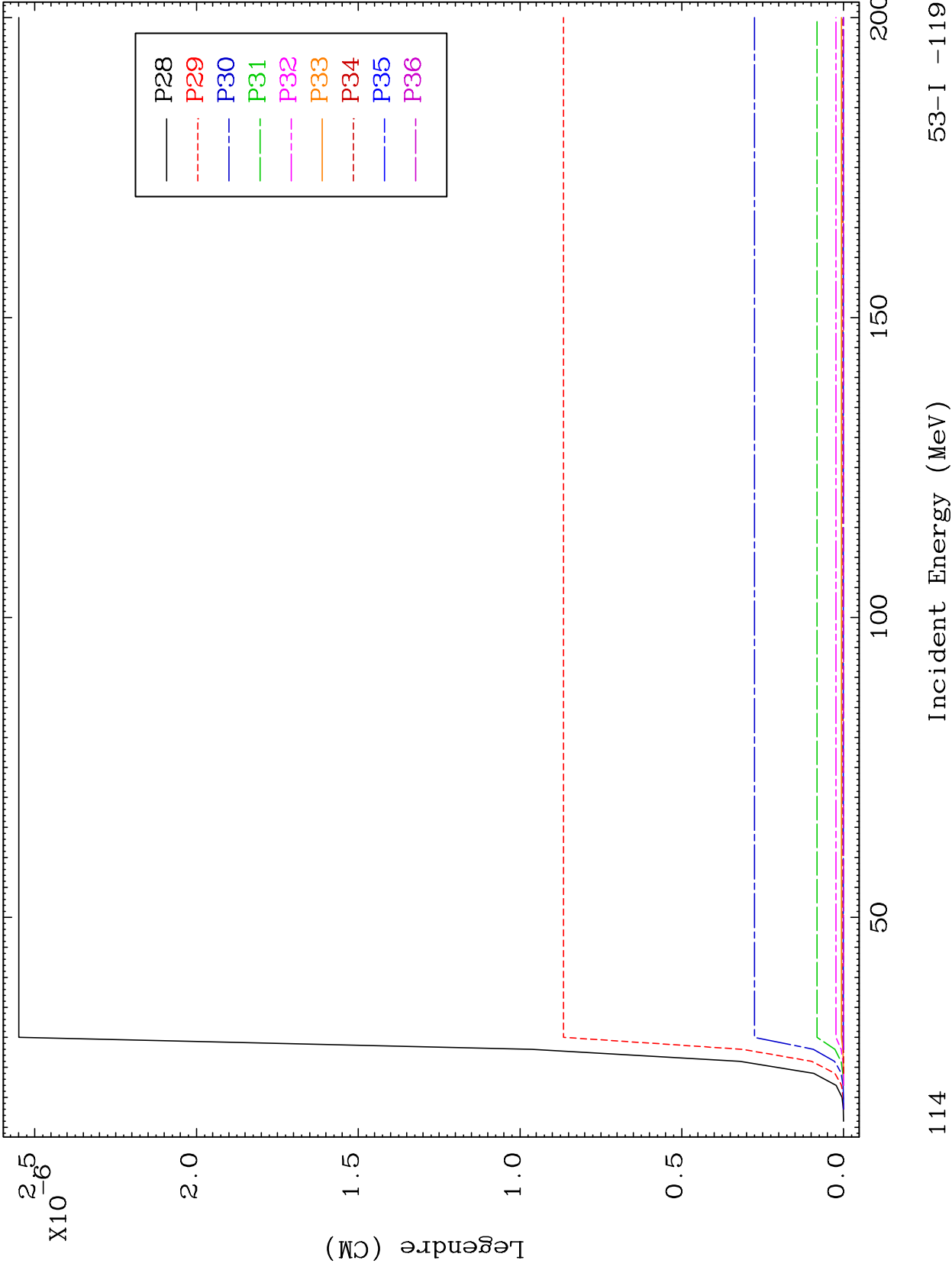


112

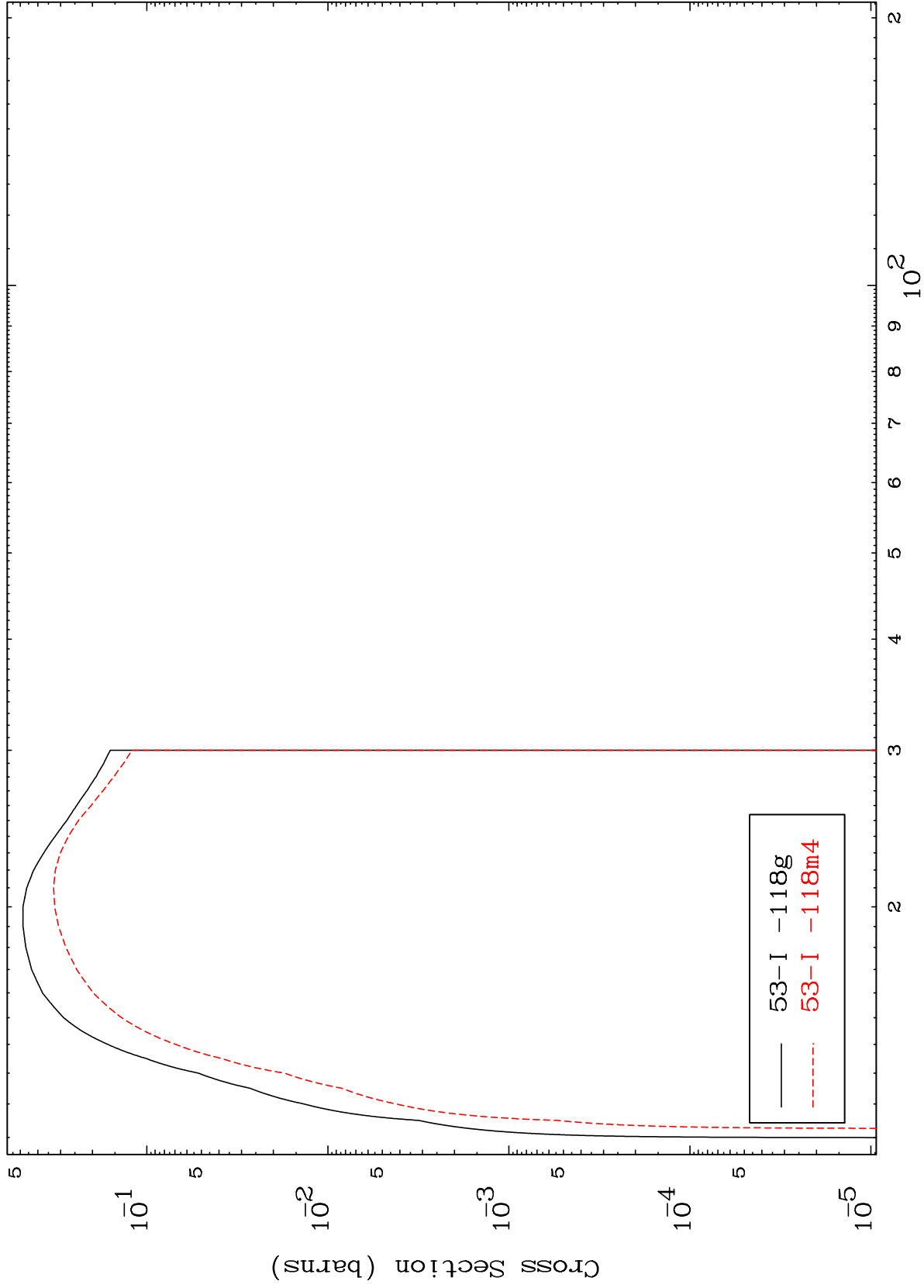
Incident Energy (MeV)

53-I -119





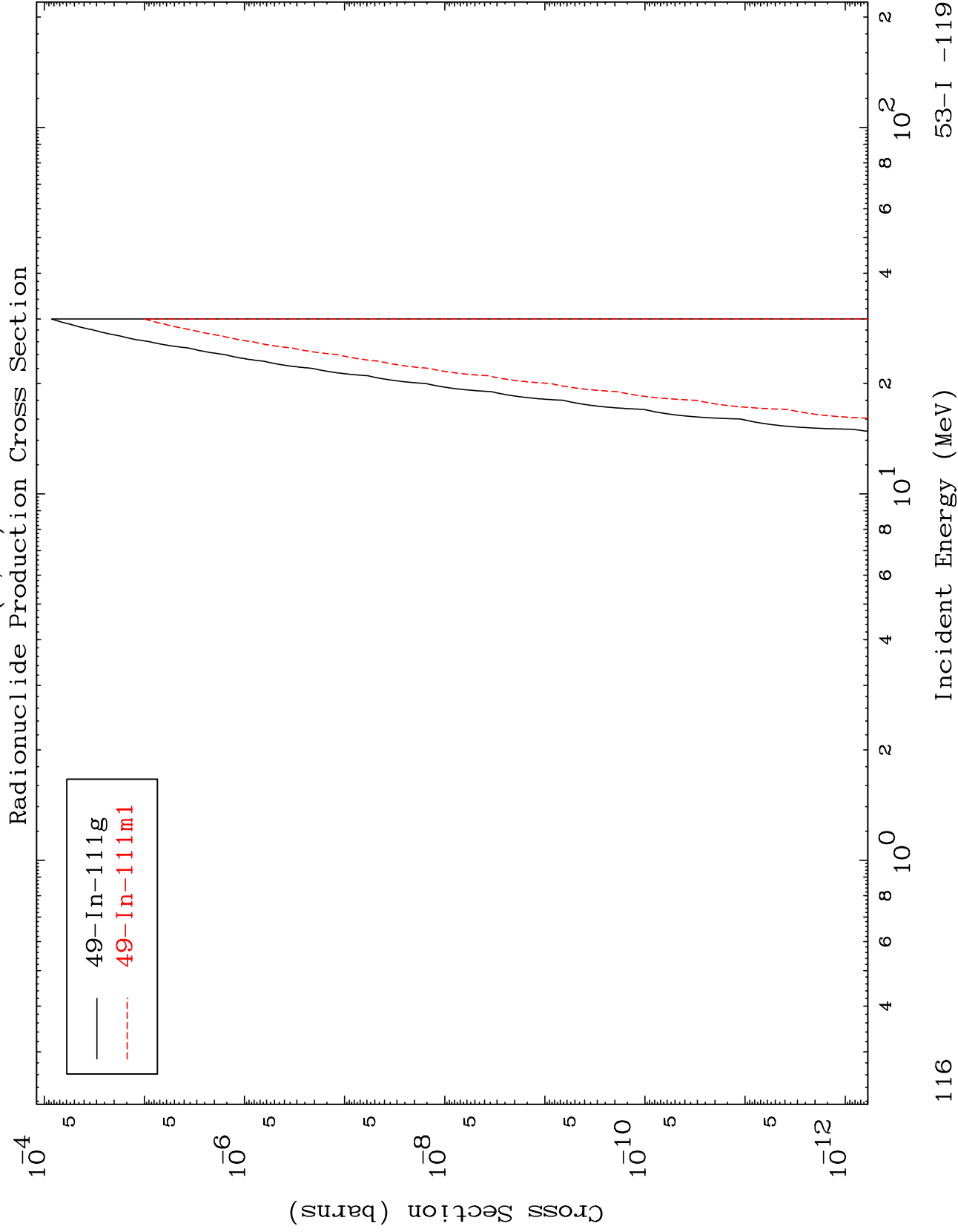
Radionuclide Production Cross Section



MAT 5301

(n,n') 2α

53-I -119



116

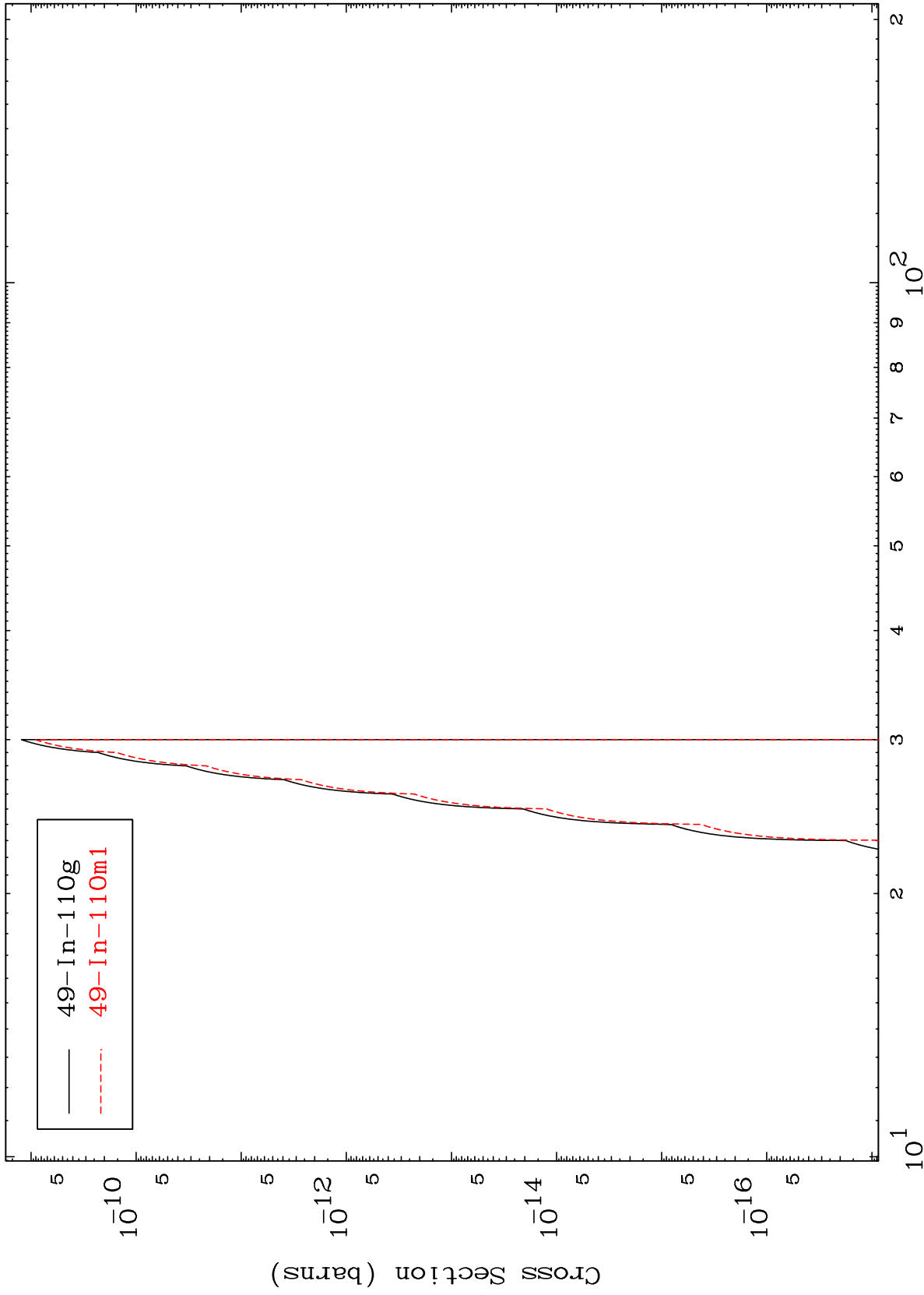
53-I -119

MAT 5301

(n,2n) 2α

53-I -119

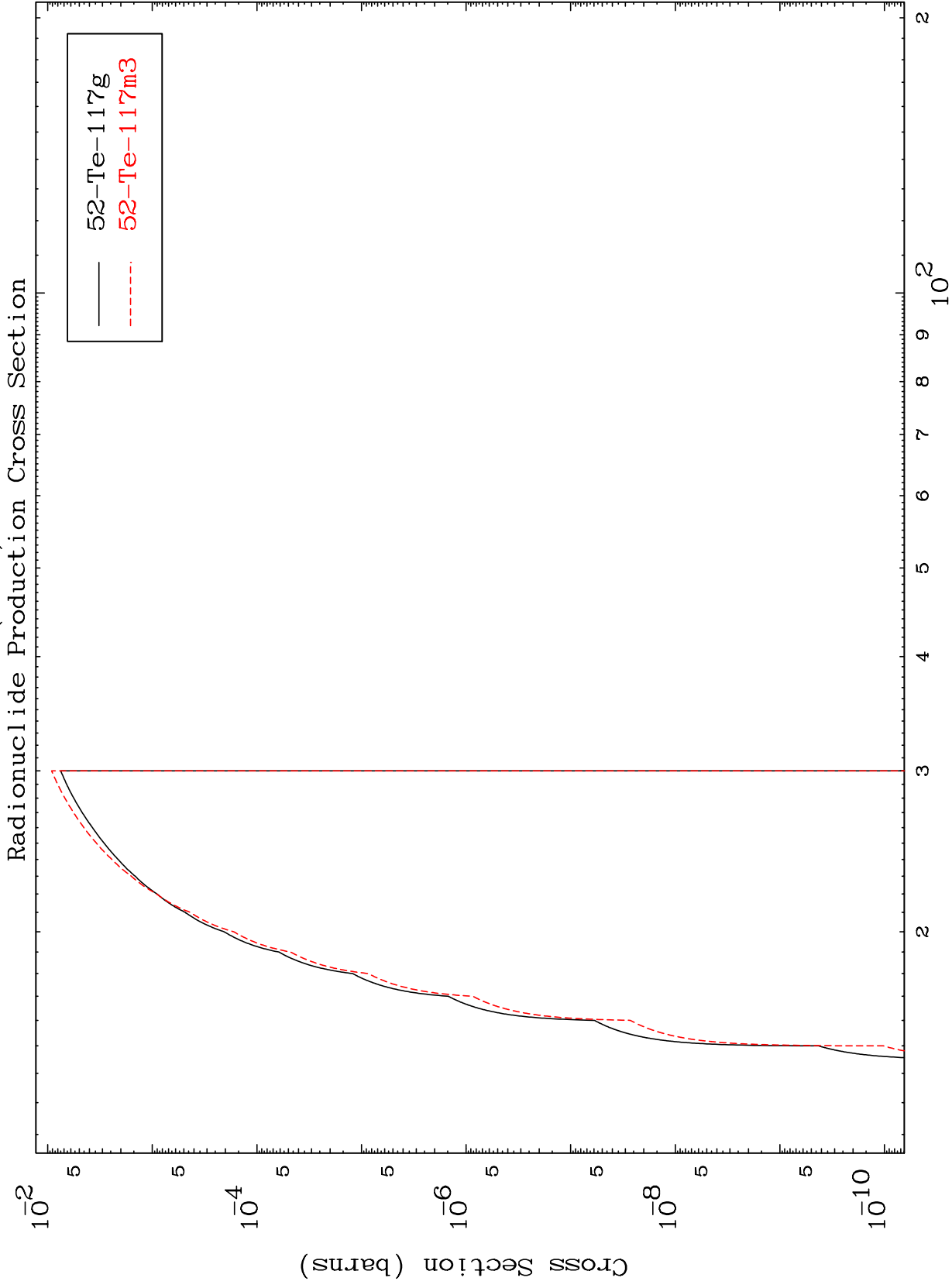
Radionuclide Production Cross Section



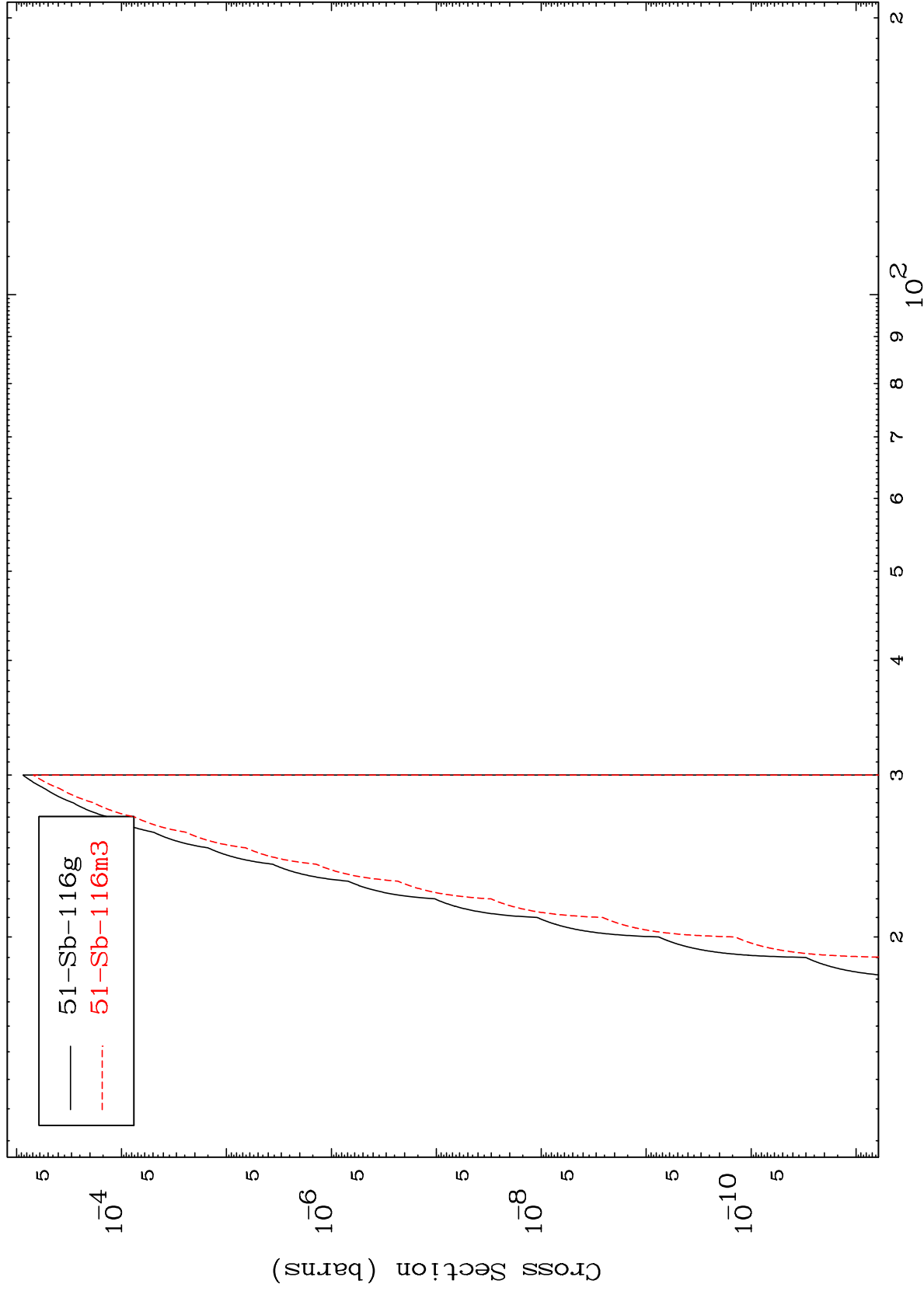
117

Incident Energy (MeV)

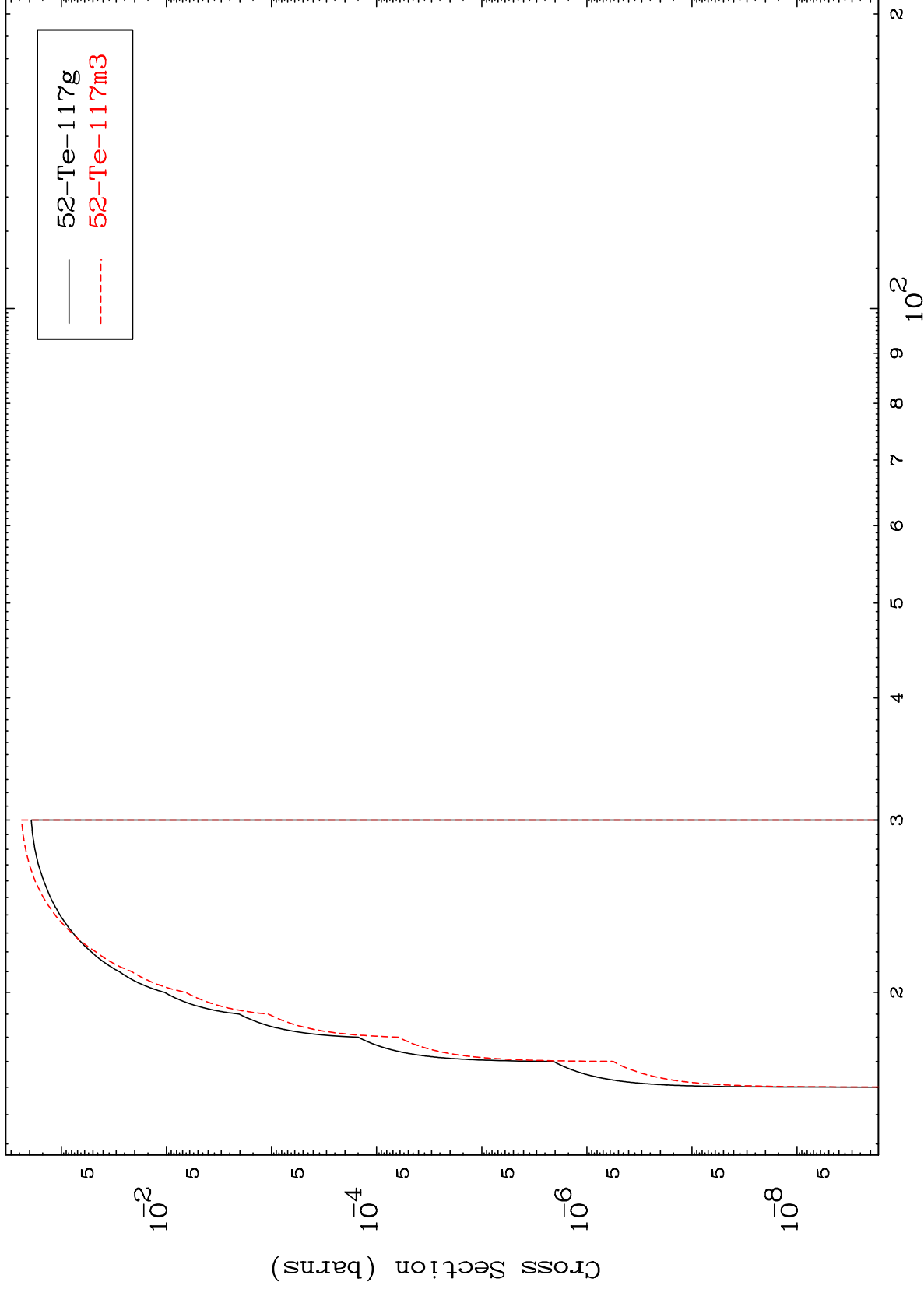
53-I -119



Radionuclide Production Cross Section



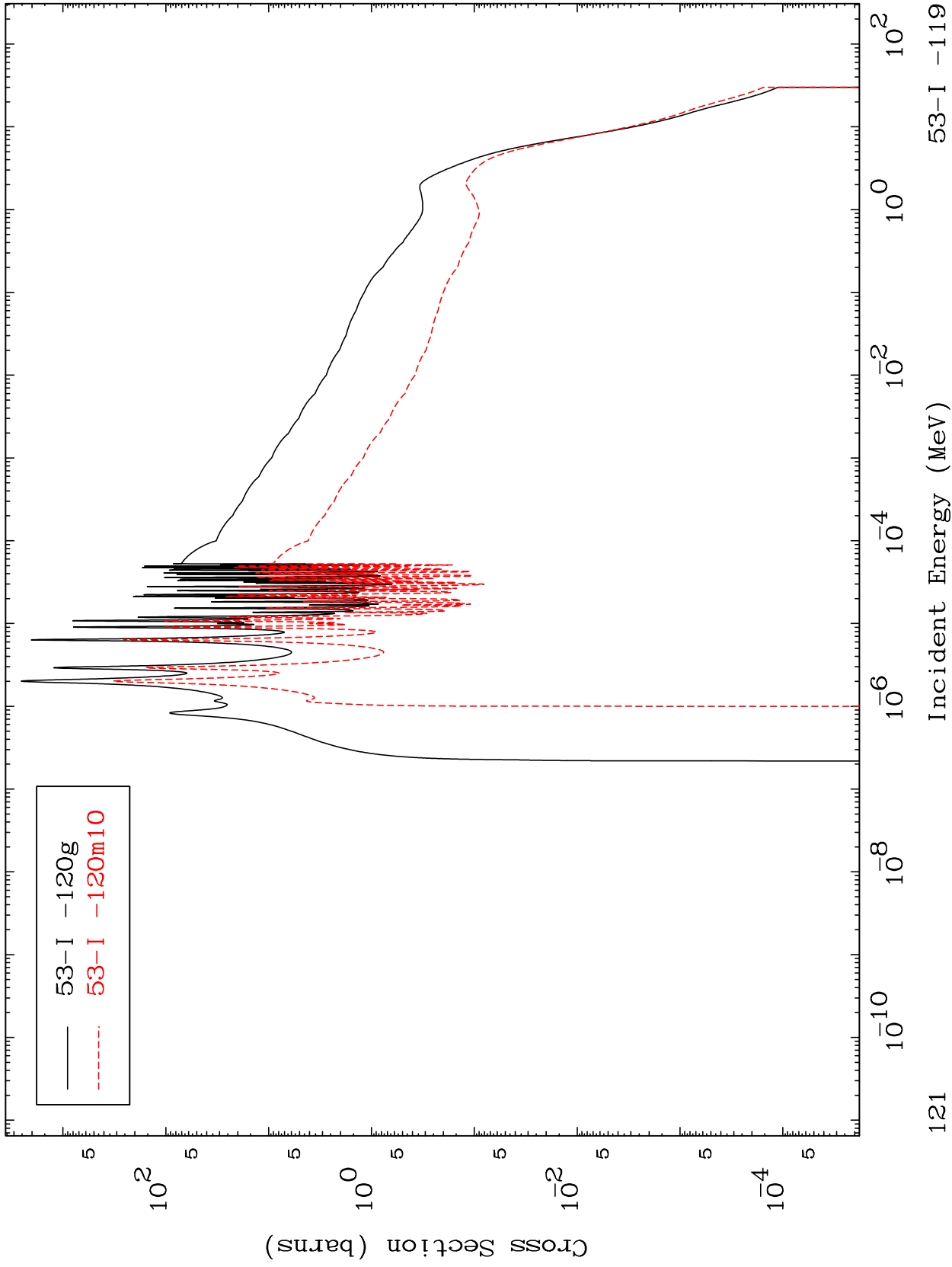
Radionuclide Production Cross Section



MAT 5301

53-I -119

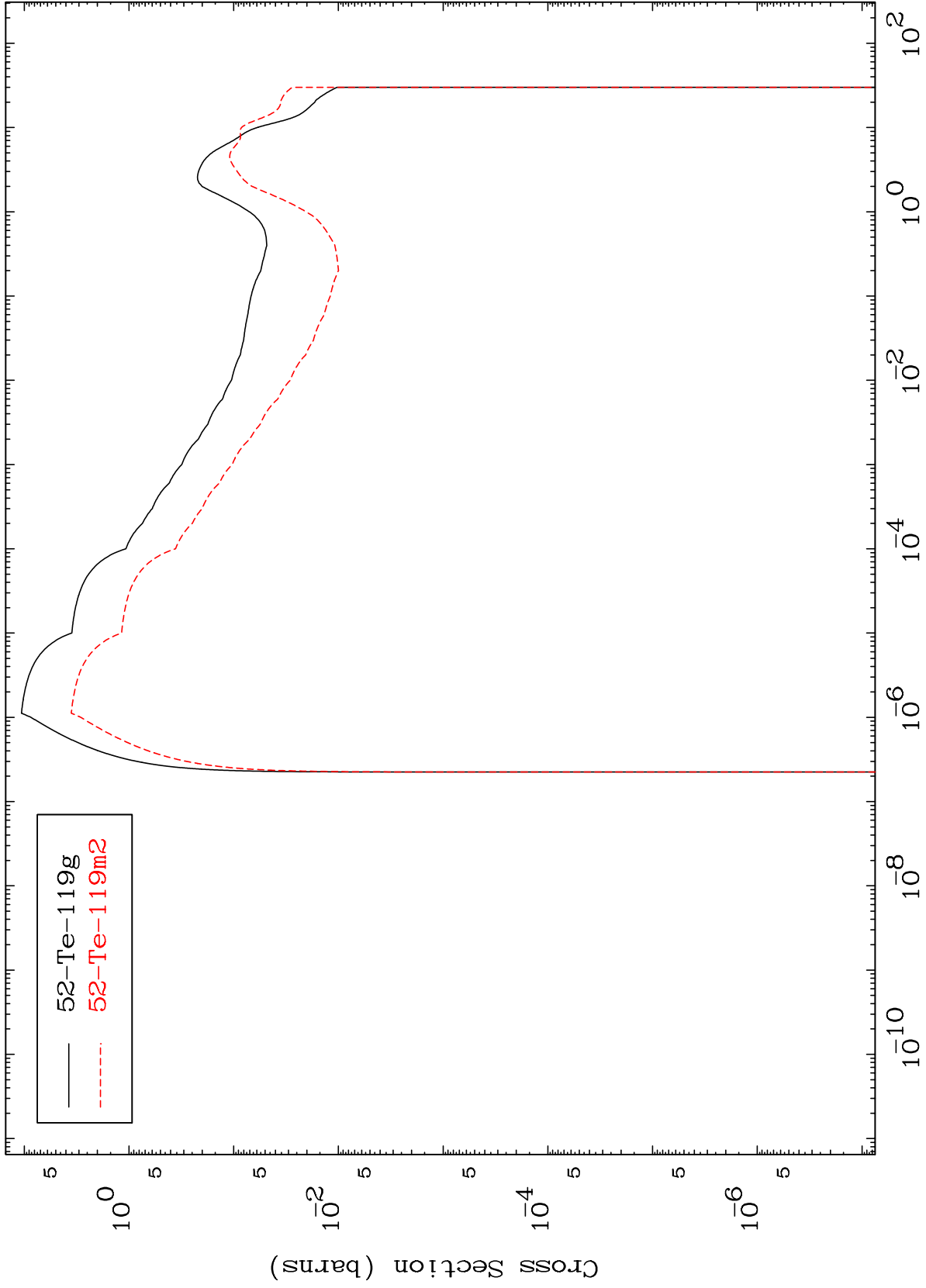
(n,γ)
Radionuclide Production Cross Section



121

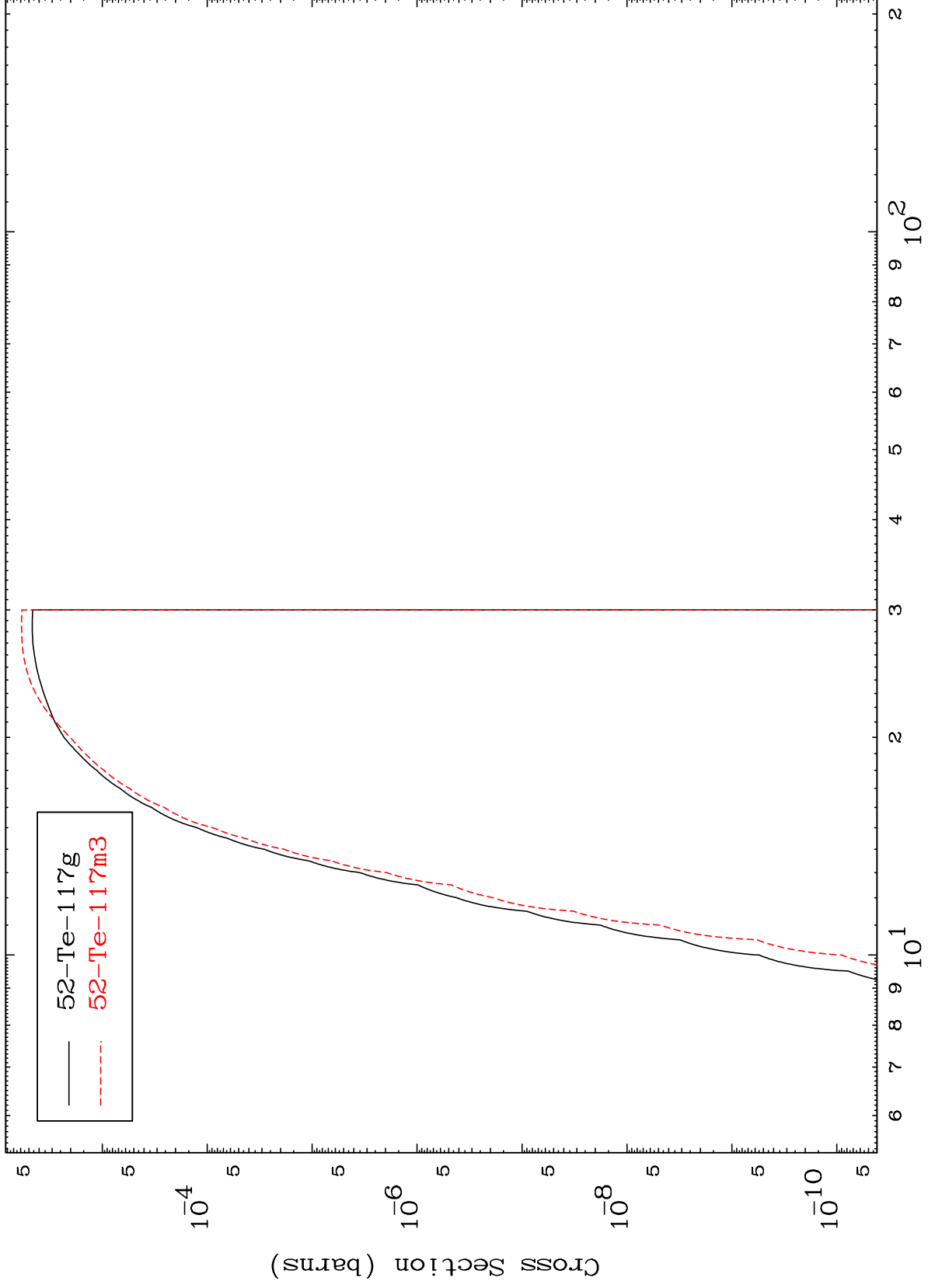
53-I -119

(n,p)
Radionuclide Production Cross Section



— 52-Te-119g
- - - 52-Te-119m2

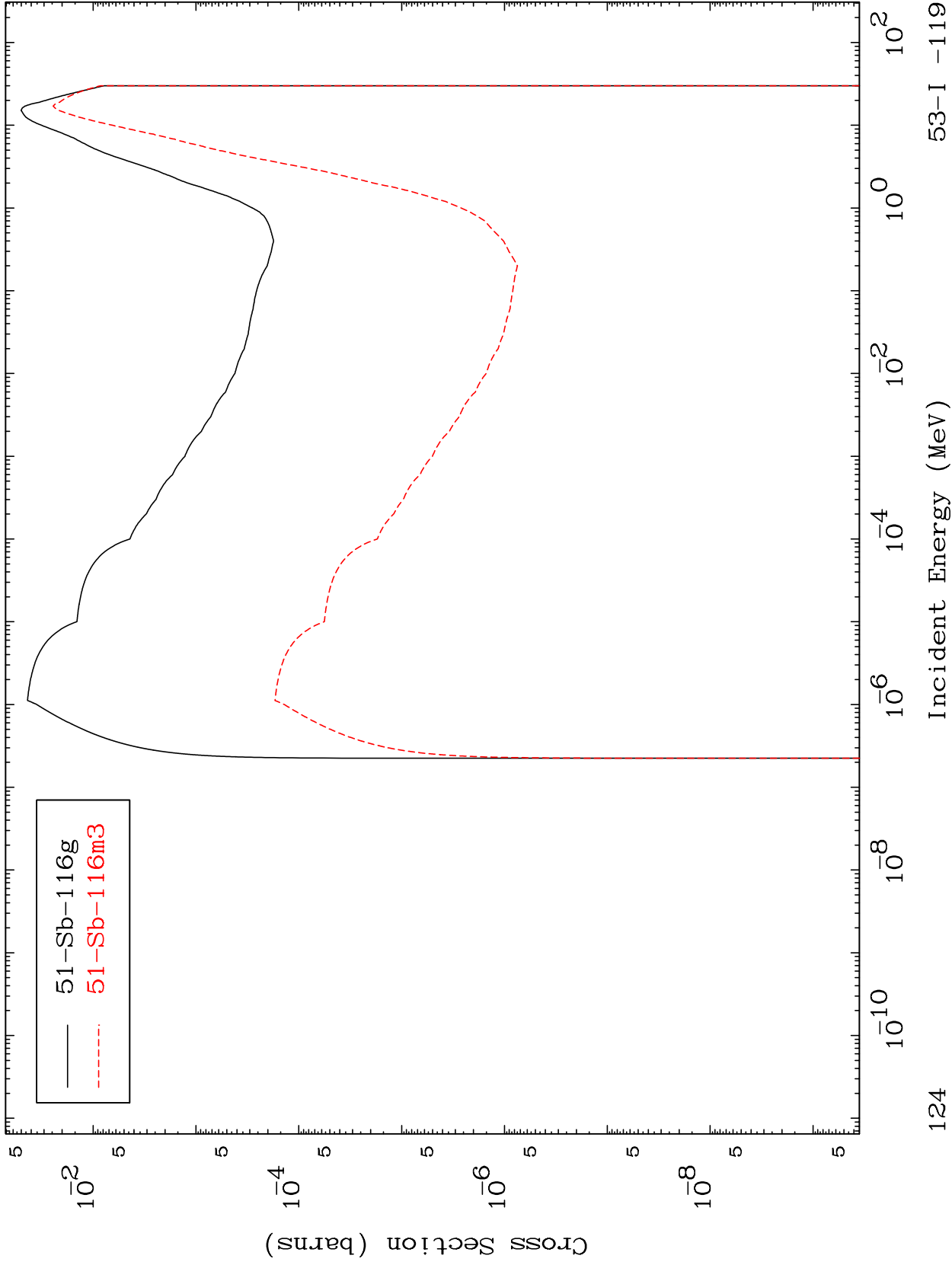
(n,t)
Radionuclide Production Cross Section



MAT 5301

53-I -119

Radionuclide Production Cross Section
(n, α)



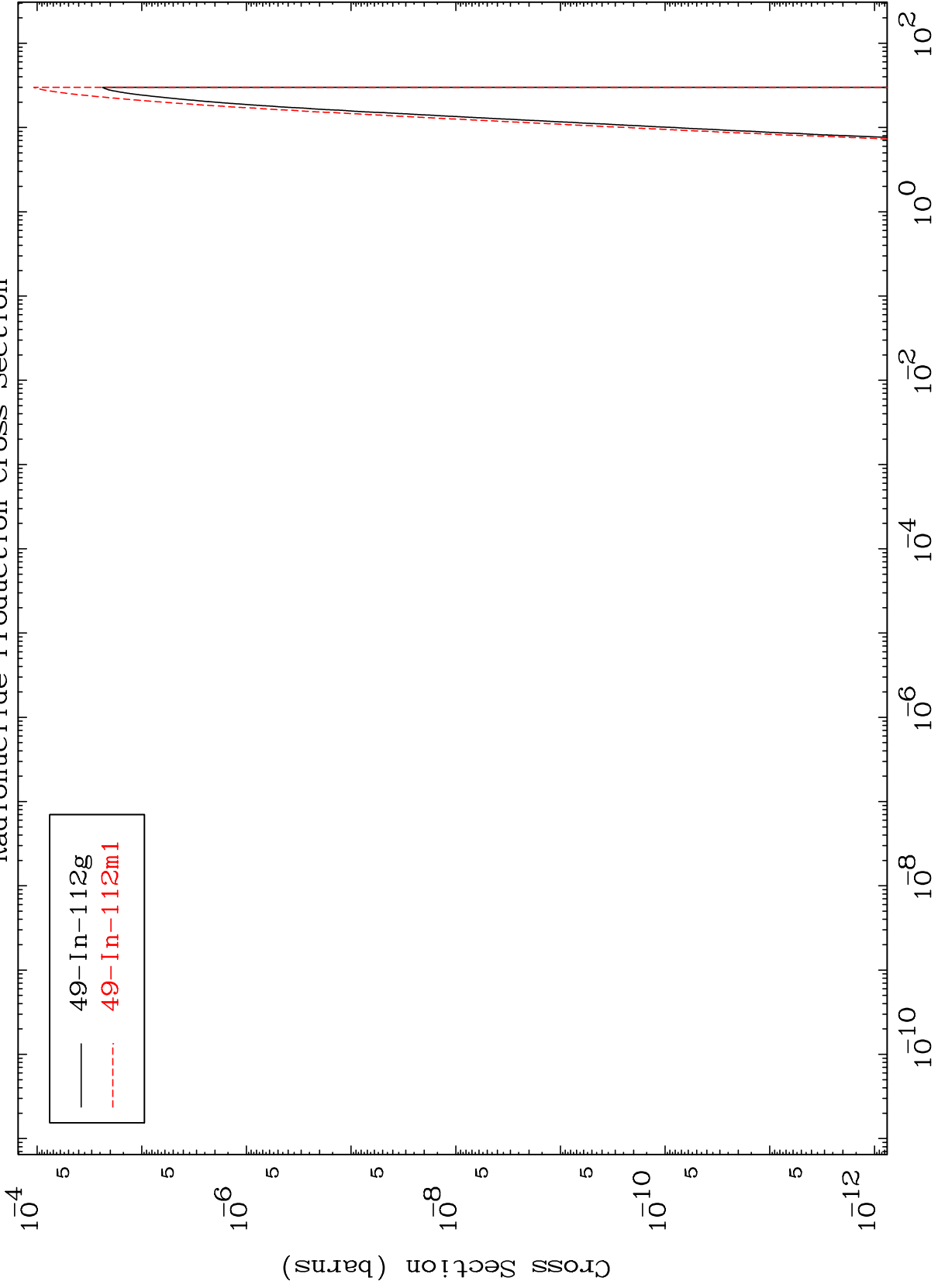
— 51-Sb-116g
- - - 51-Sb-116m3

MAT 5301

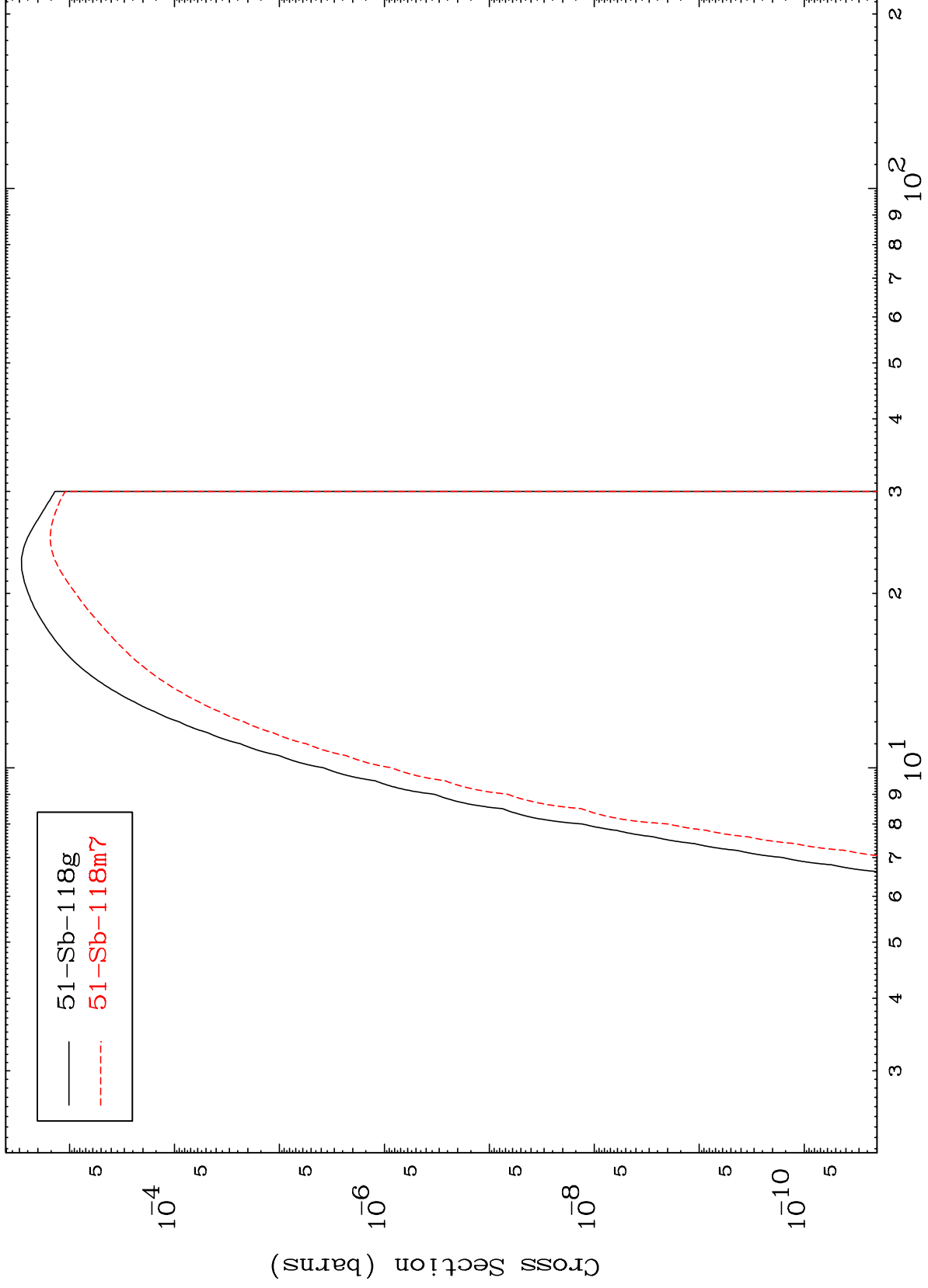
(n,2α)

53-I -119

Radionuclide Production Cross Section



(n,2p)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

