

Program EVALPLOT
(Version 2017-1)

by

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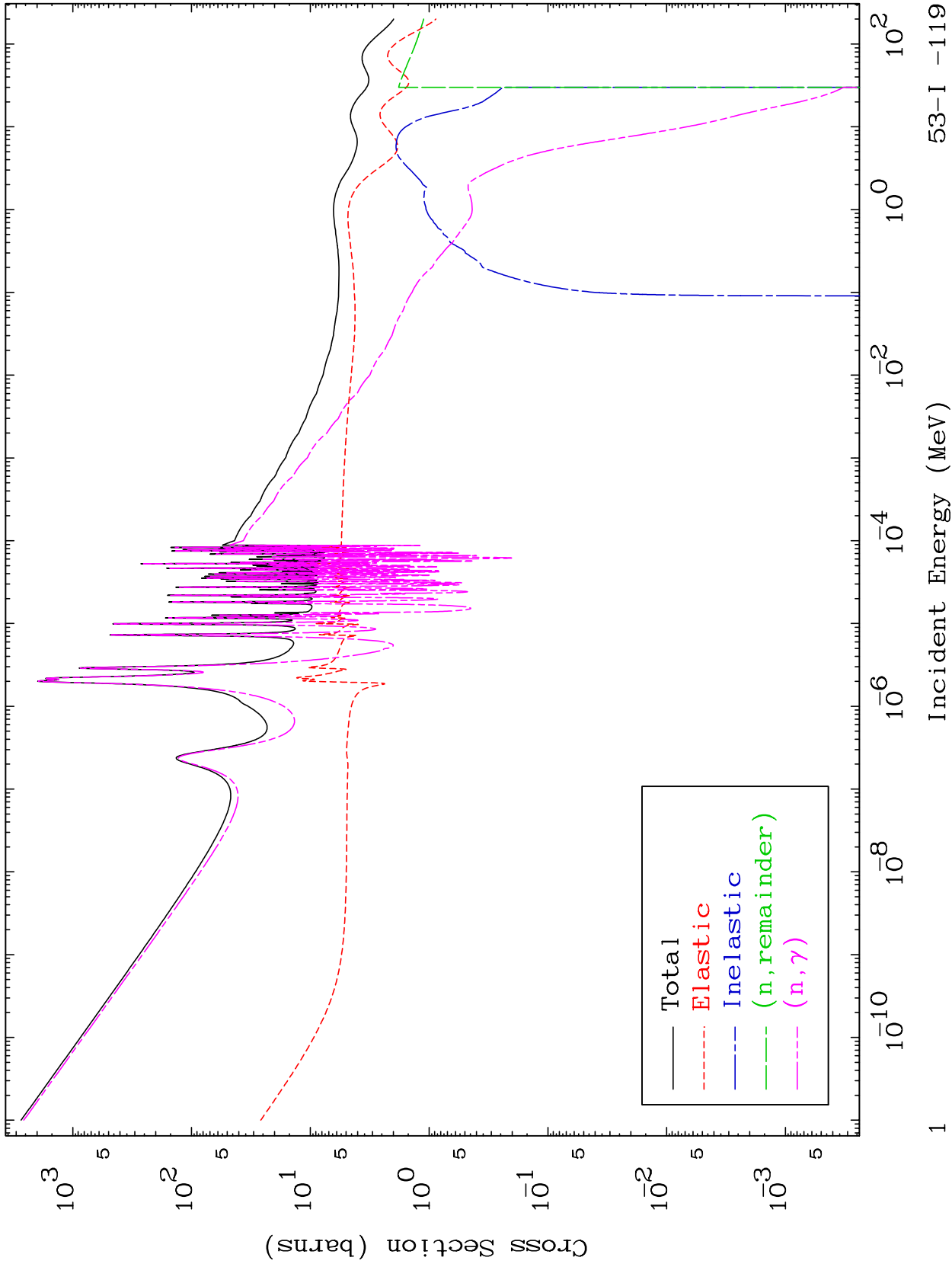
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5301

Major
293 Kelvin Cross Sections

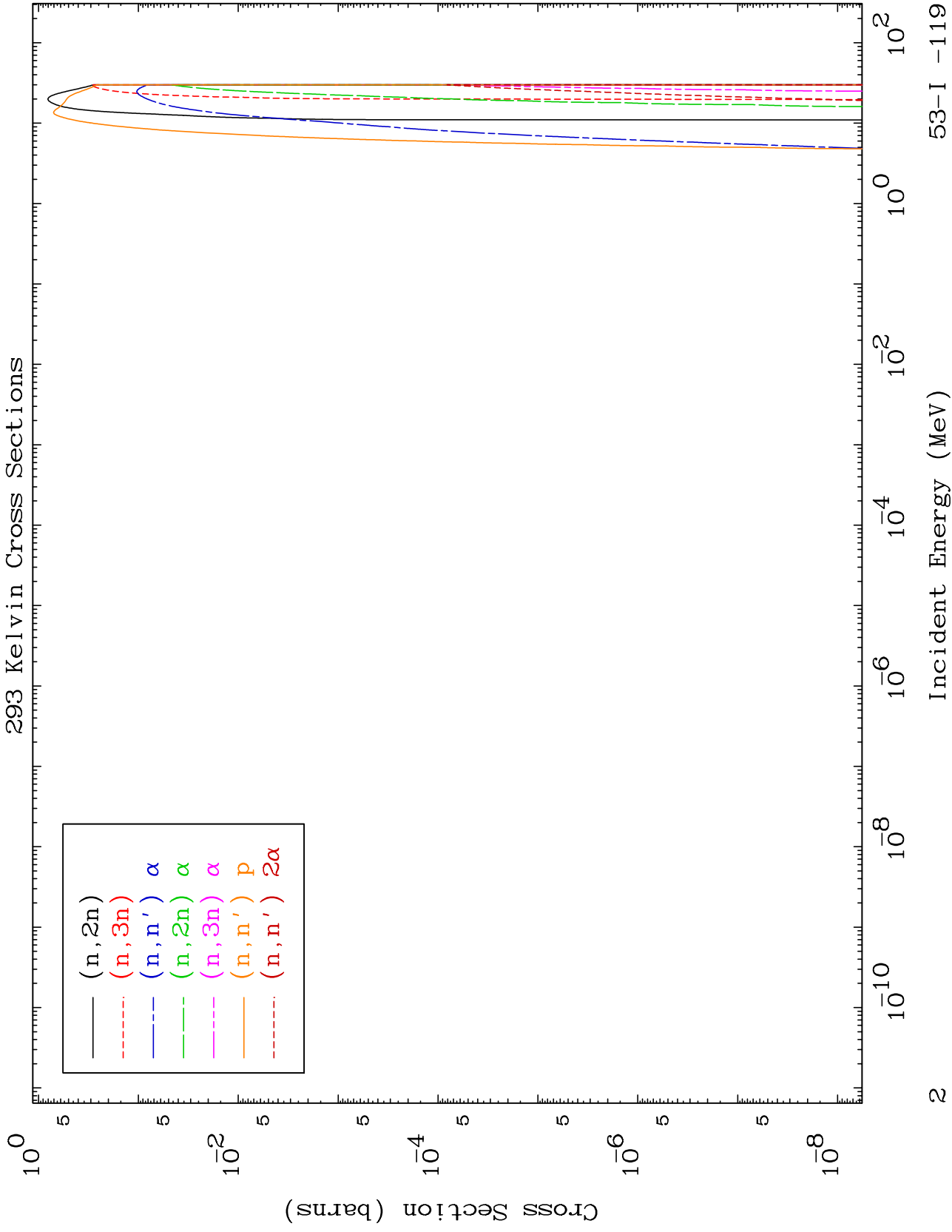
53-I -119

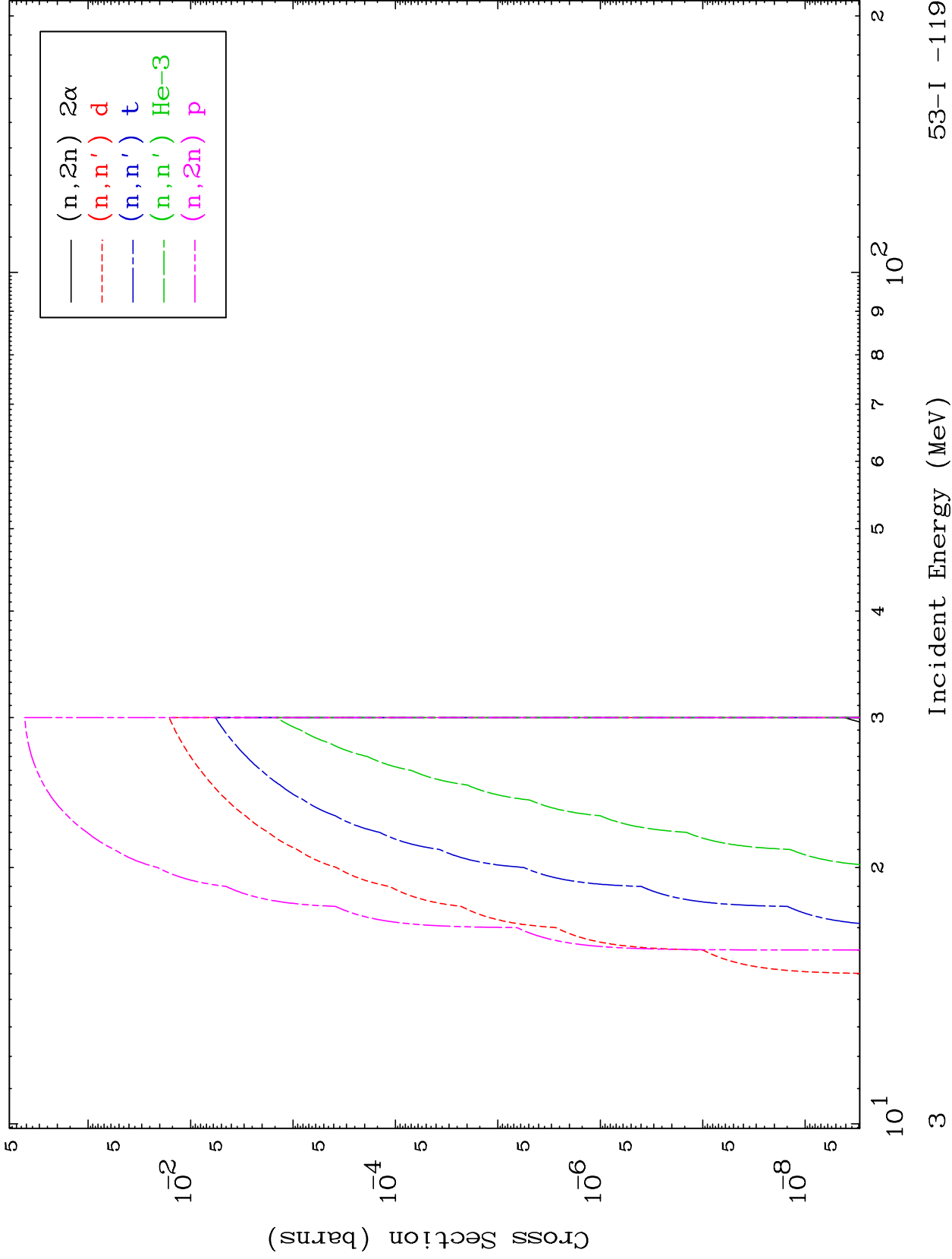


MAT 5301

Neutron Production
293 Kelvin Cross Sections

53-I -119

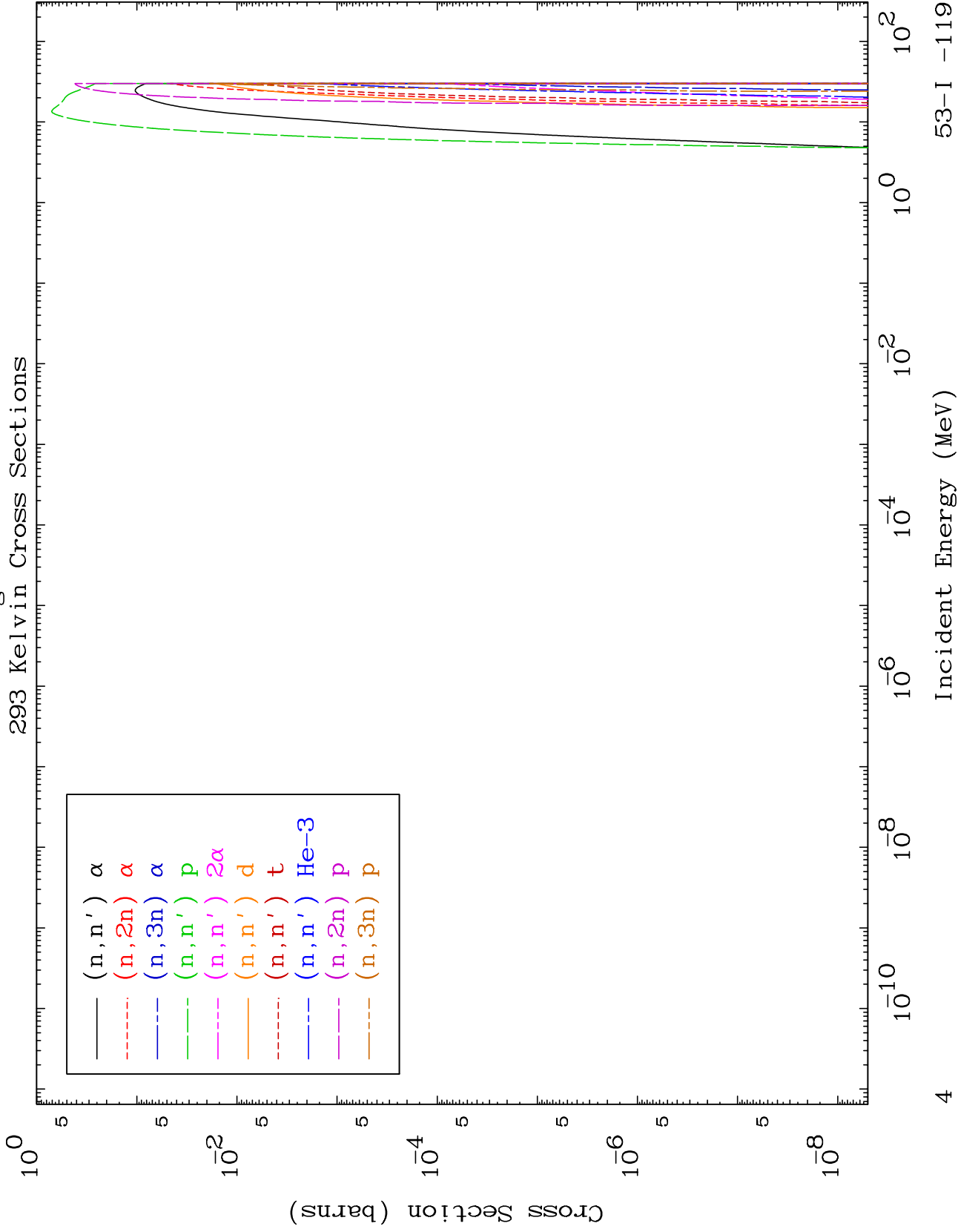


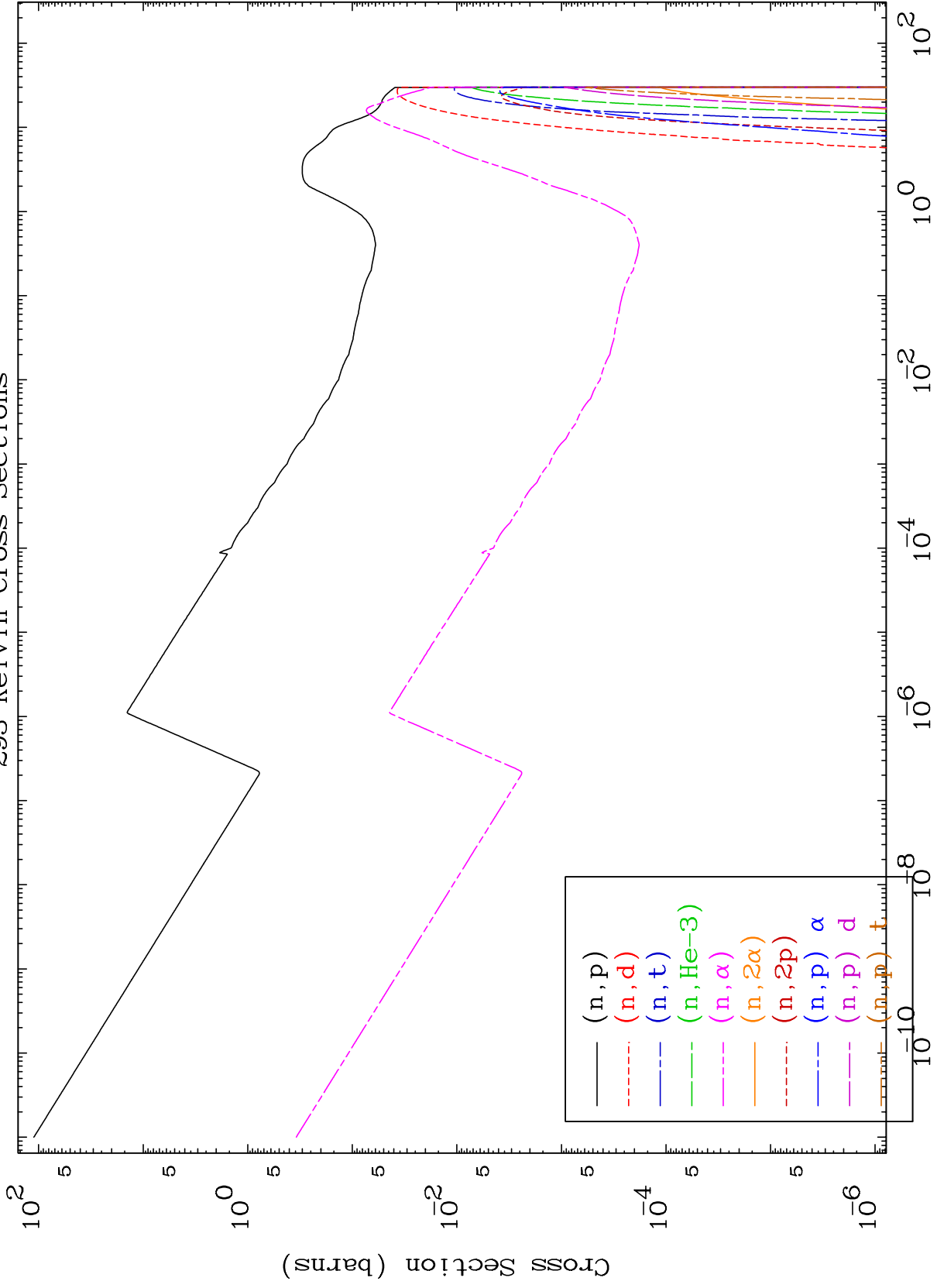


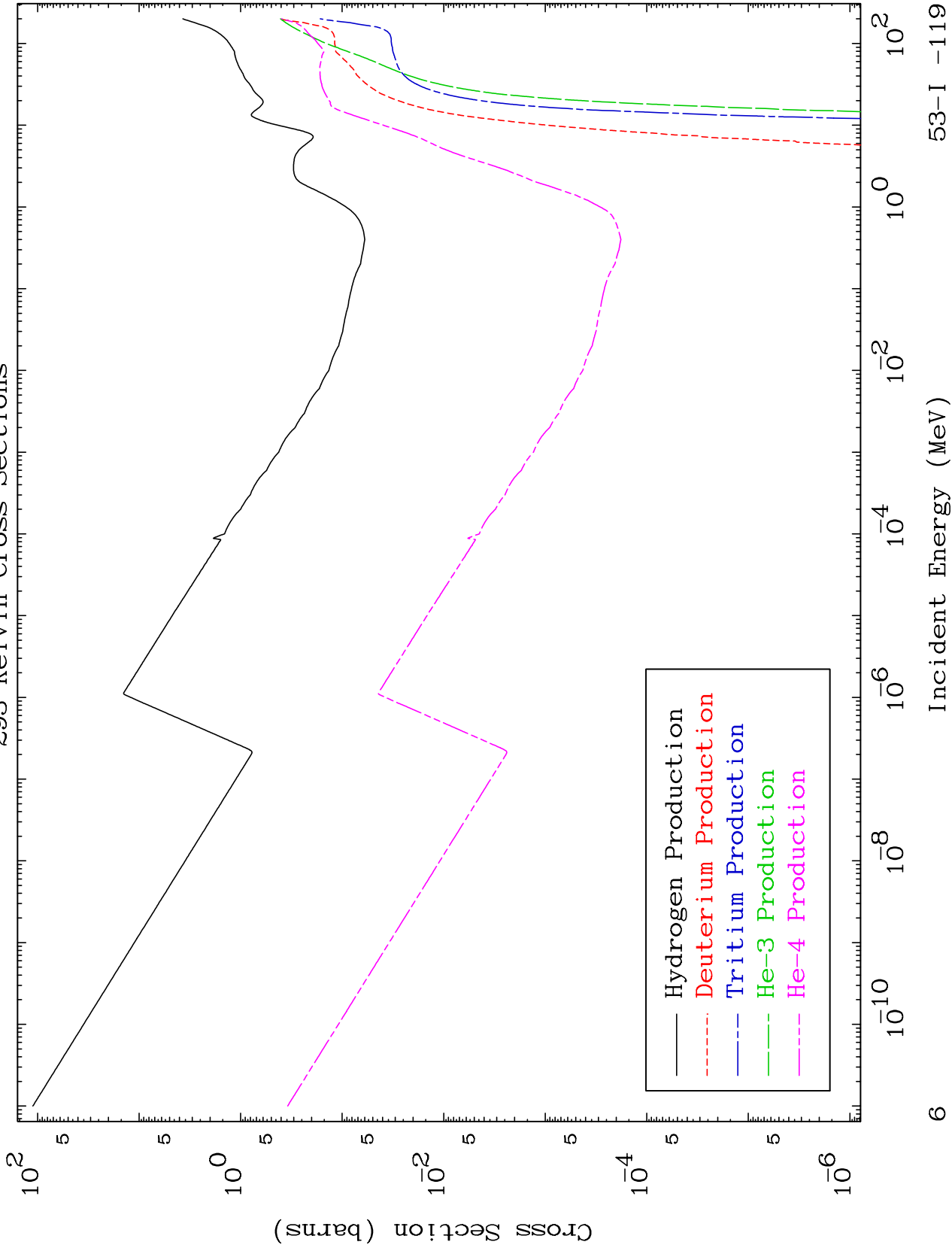
MAT 5301

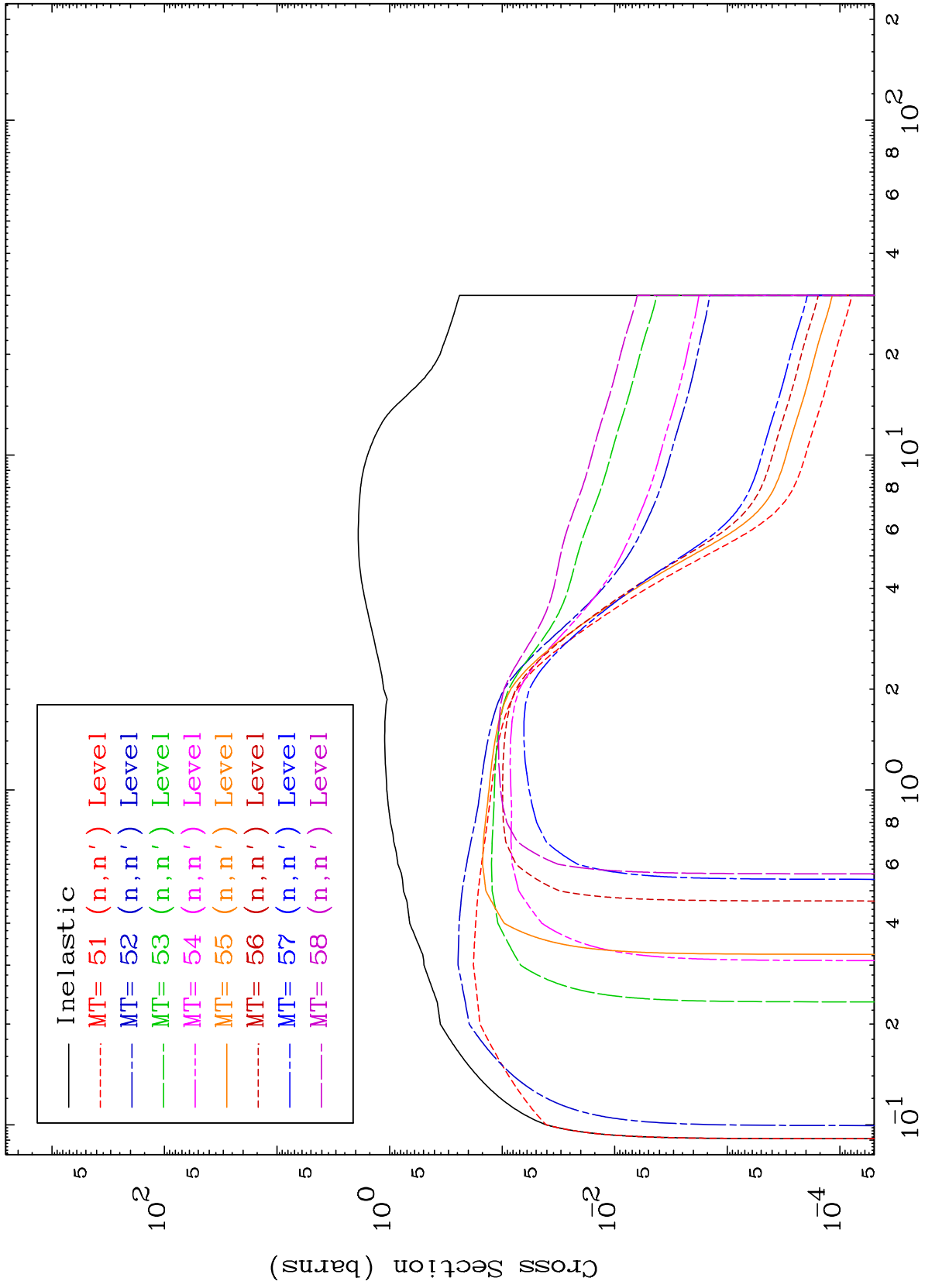
Charged Particle
293 Kelvin Cross Sections

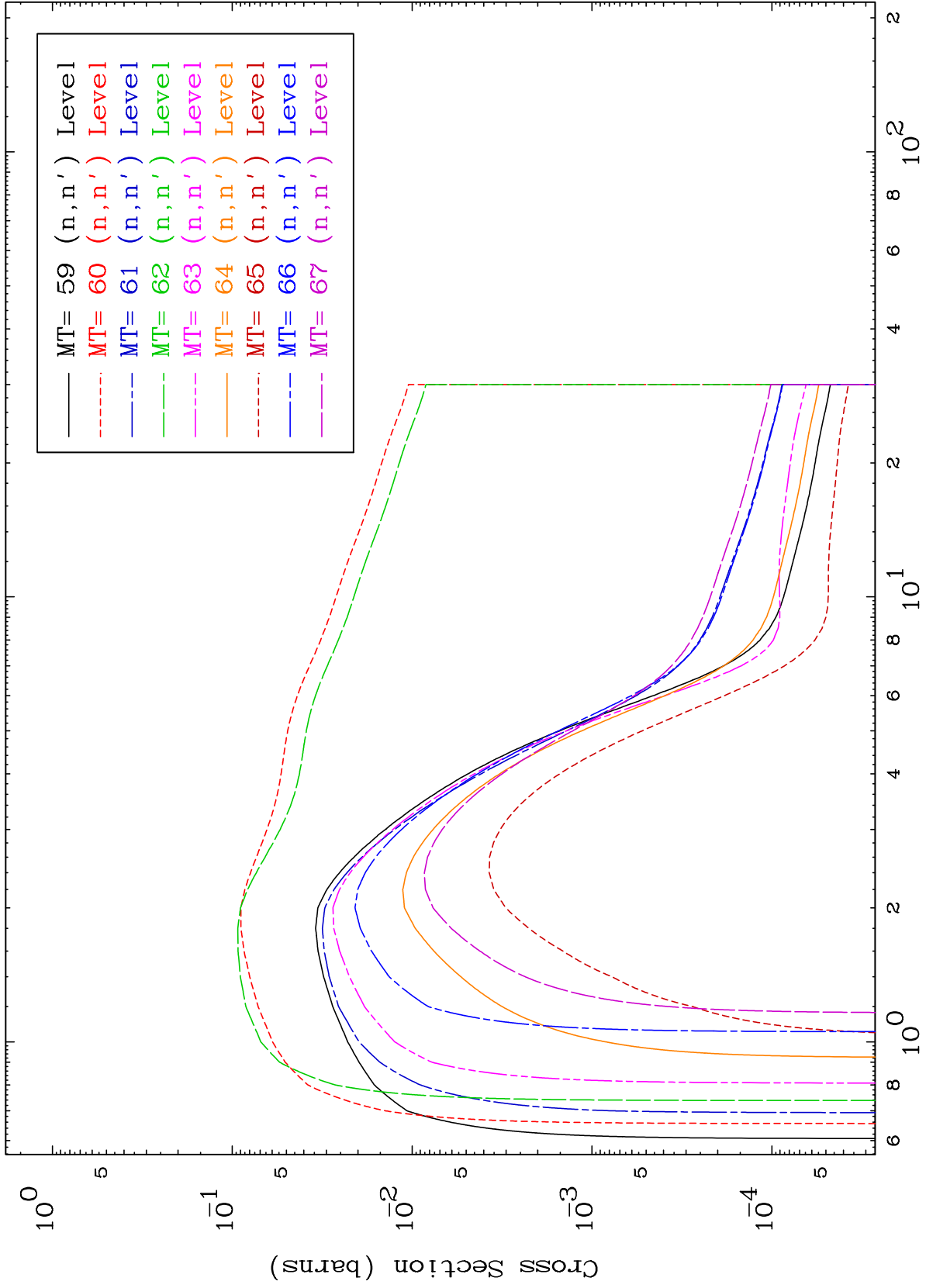
53-I -119



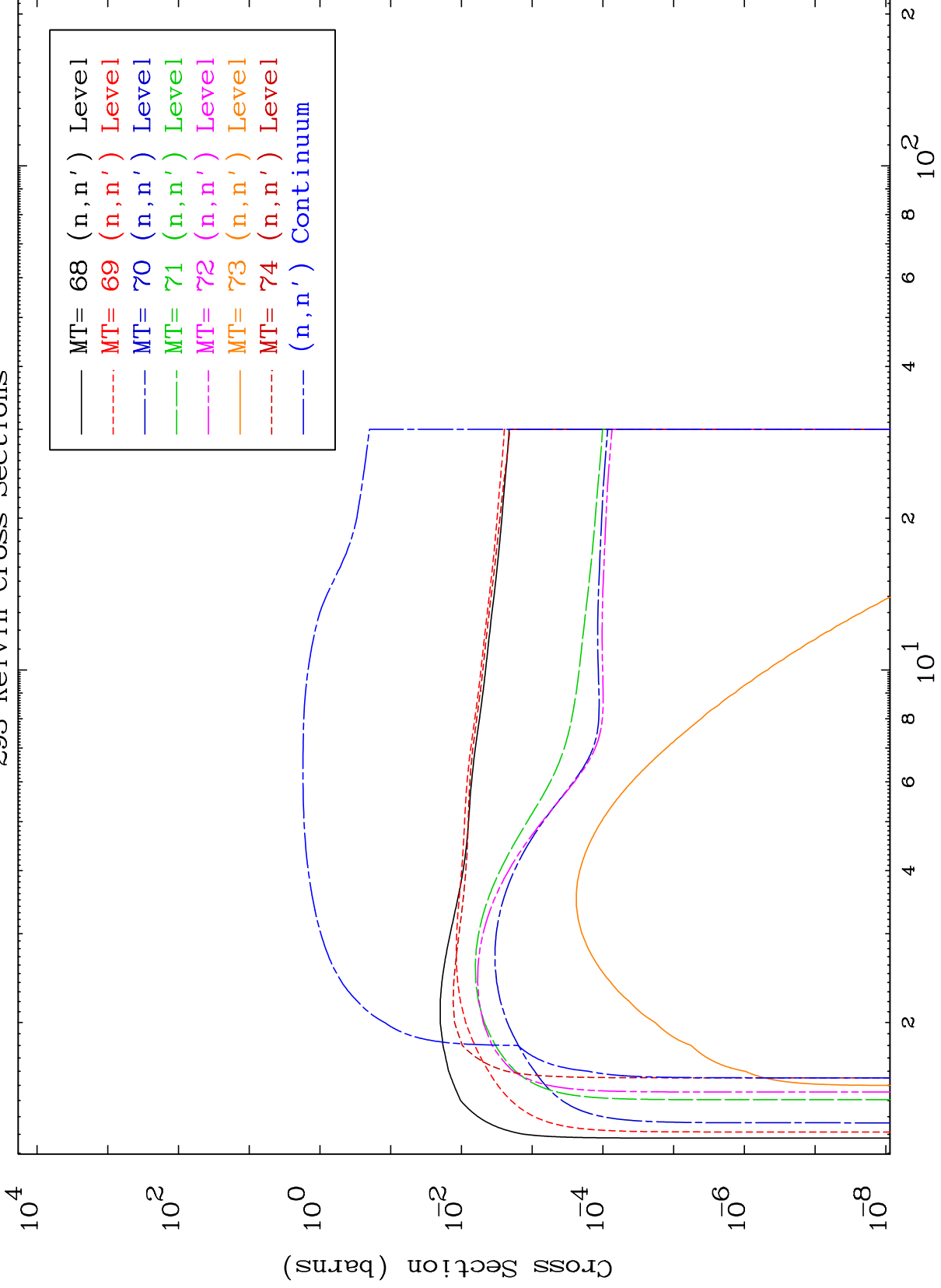








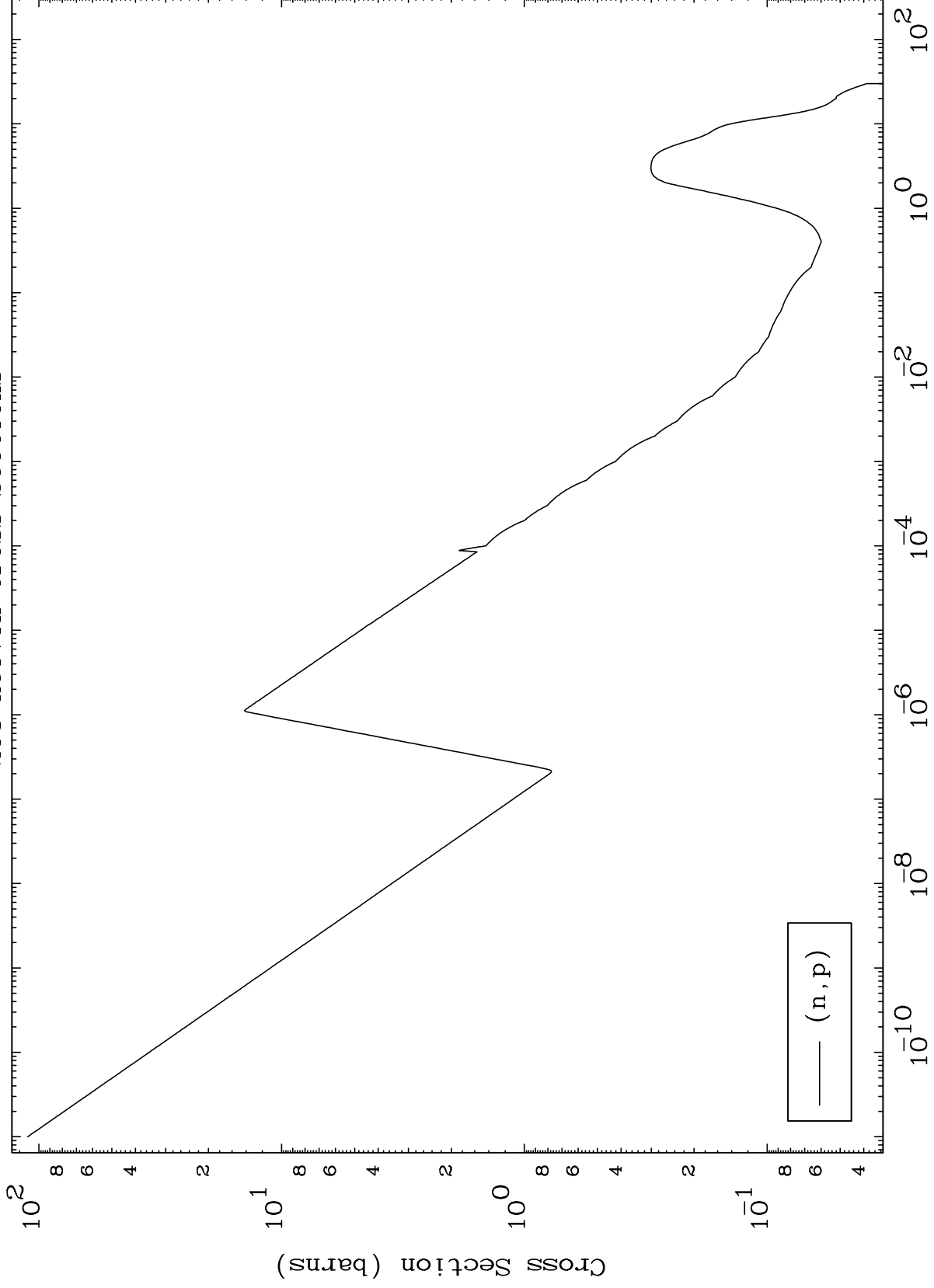
293 Kelvin Cross Sections



MAT 5301

(n,p) Levels
293 Kelvin Cross Sections

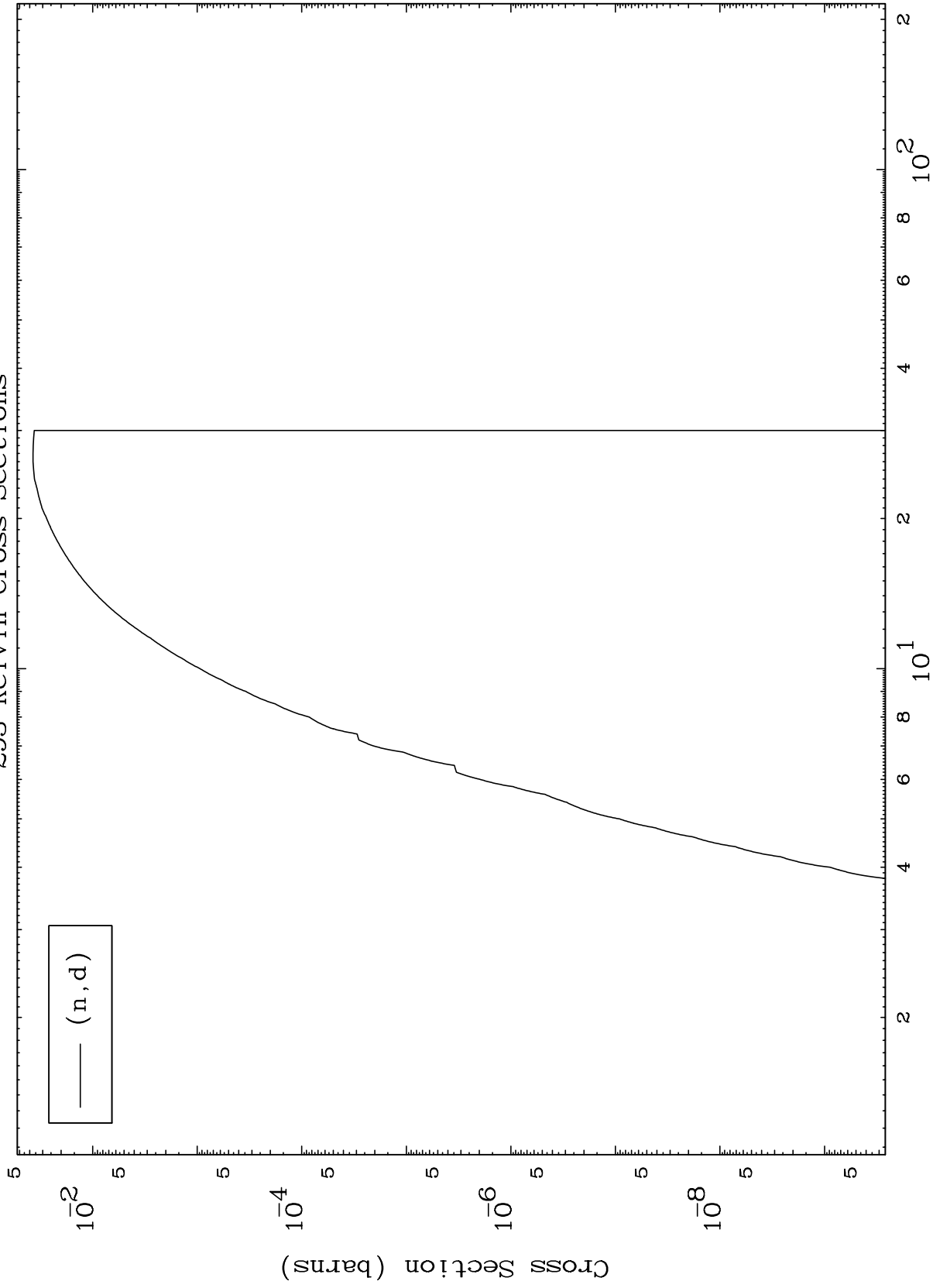
53-I -119



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Incident Energy (MeV)

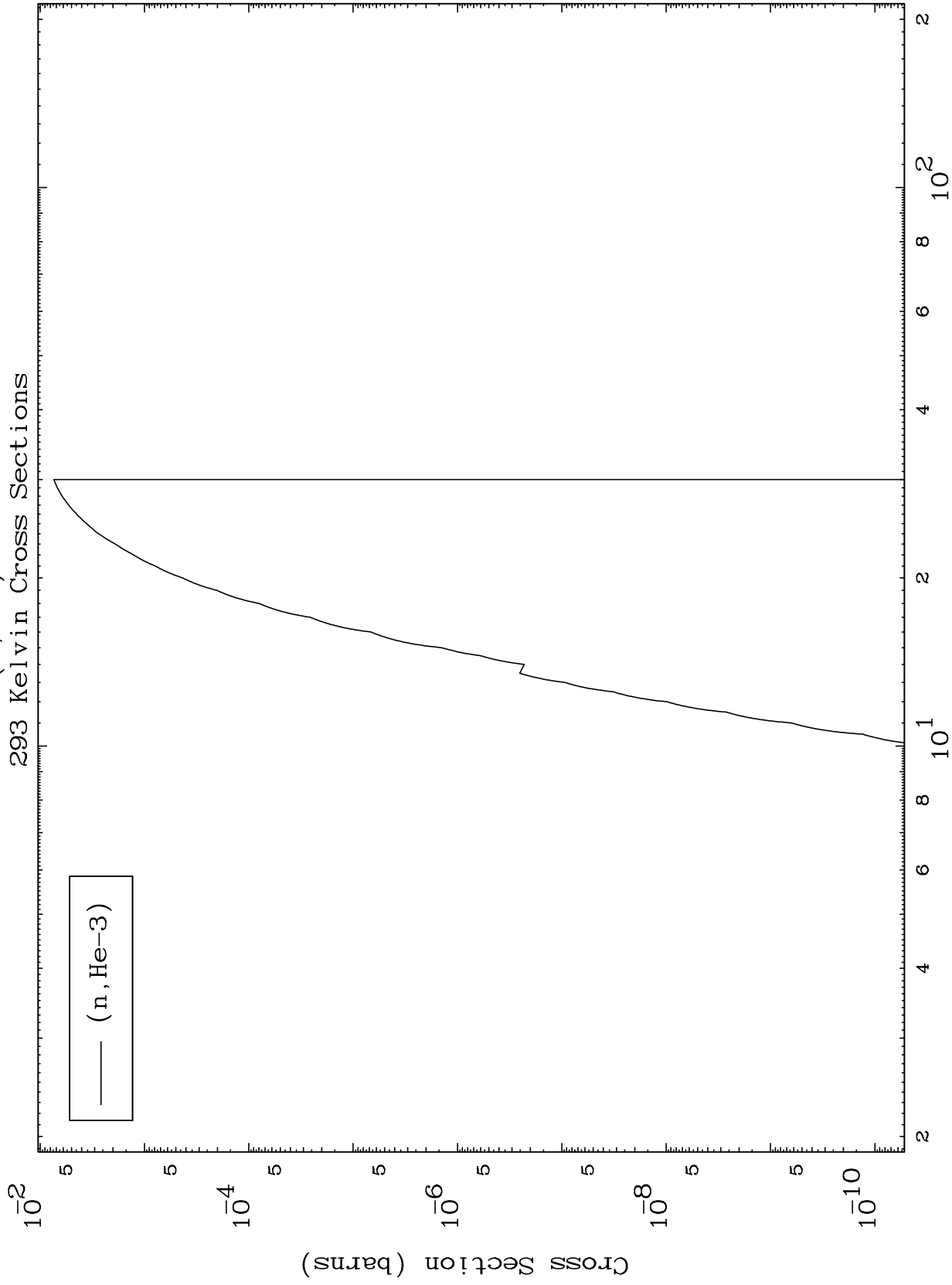
53-I -119



MAT 5301

(n,He3) Levels
293 Kelvin Cross Sections

53-I -119



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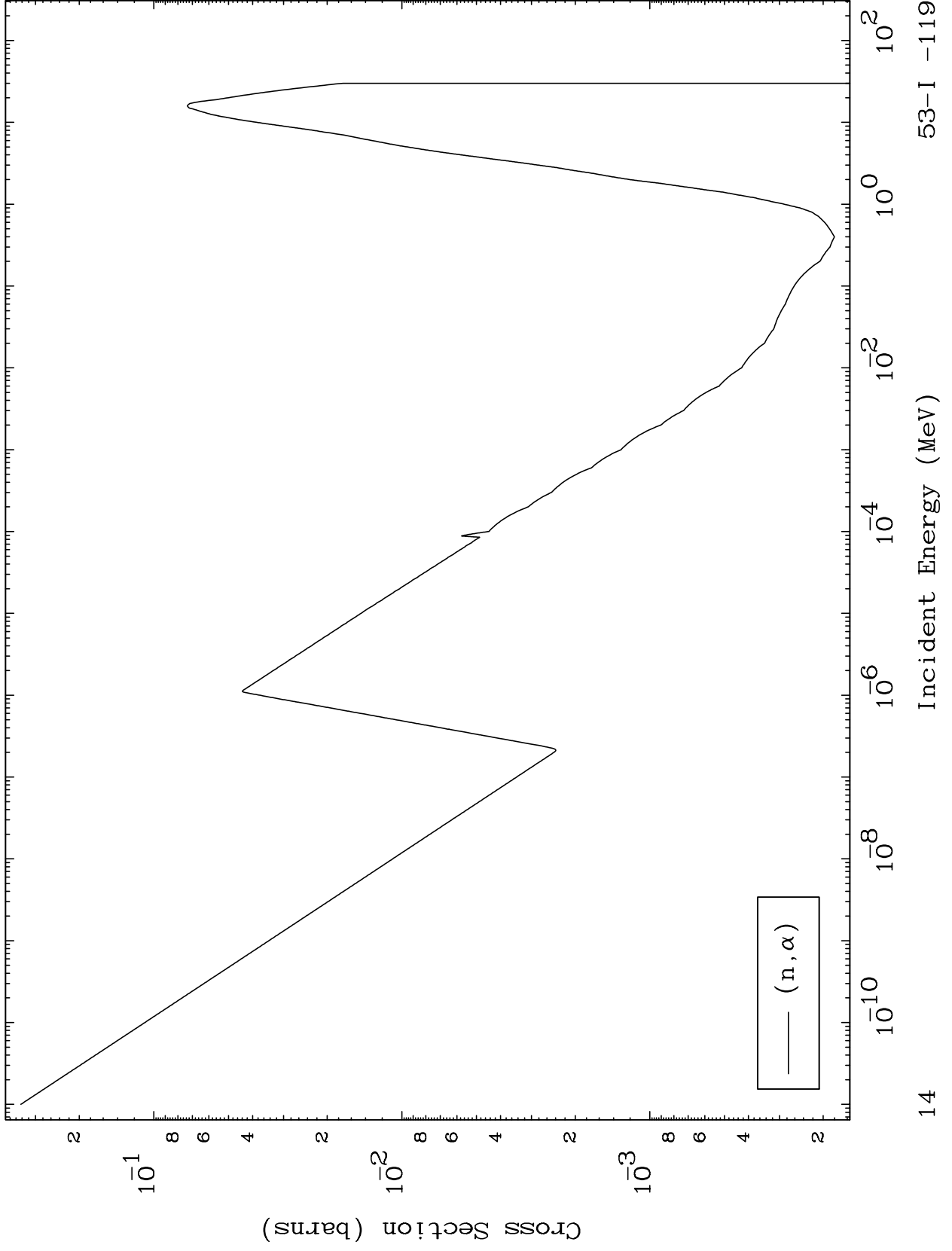
Incident Energy (MeV)

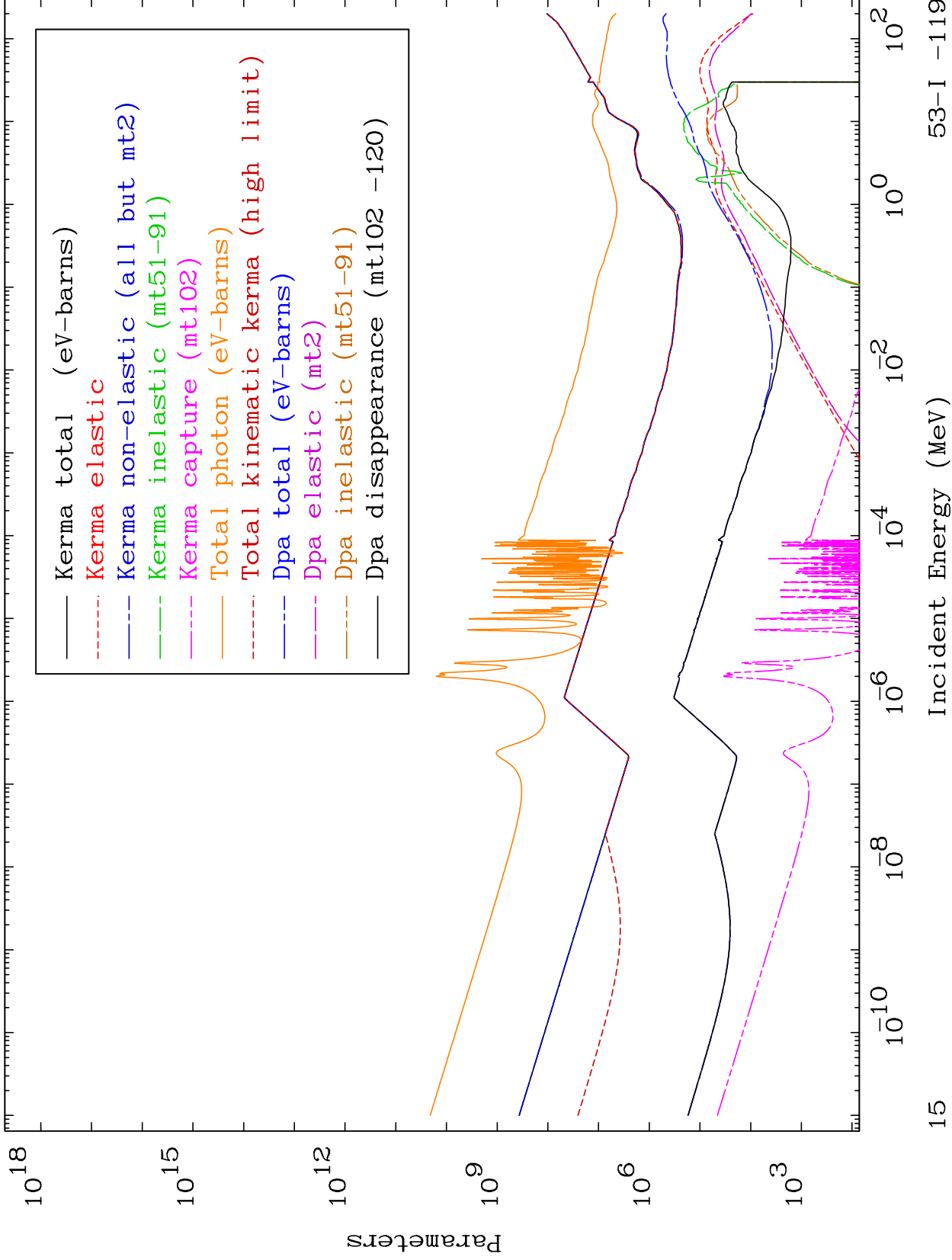
53-I -119

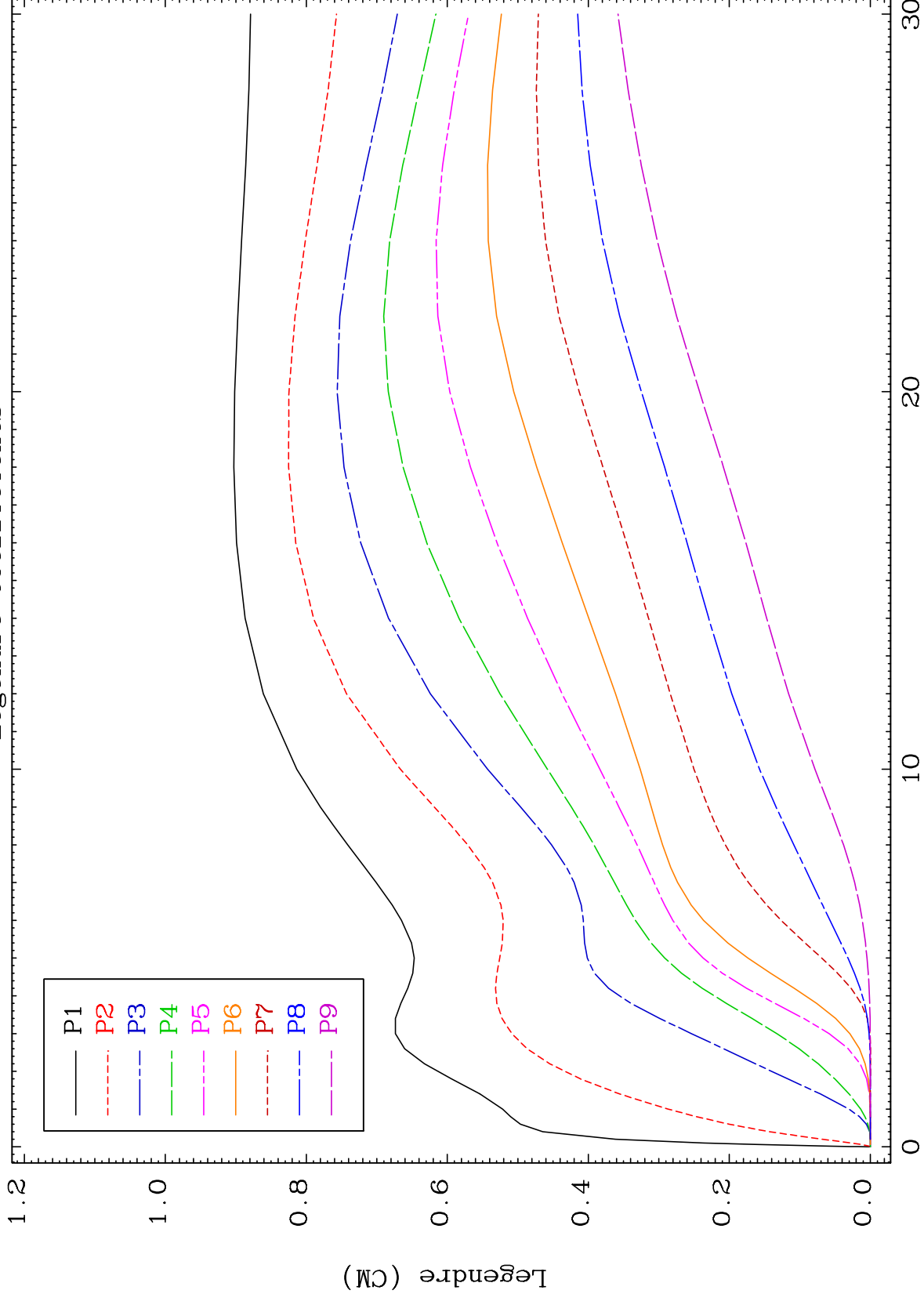
MAT 5301

(n,α) Levels
293 Kelvin Cross Sections

53-I -119



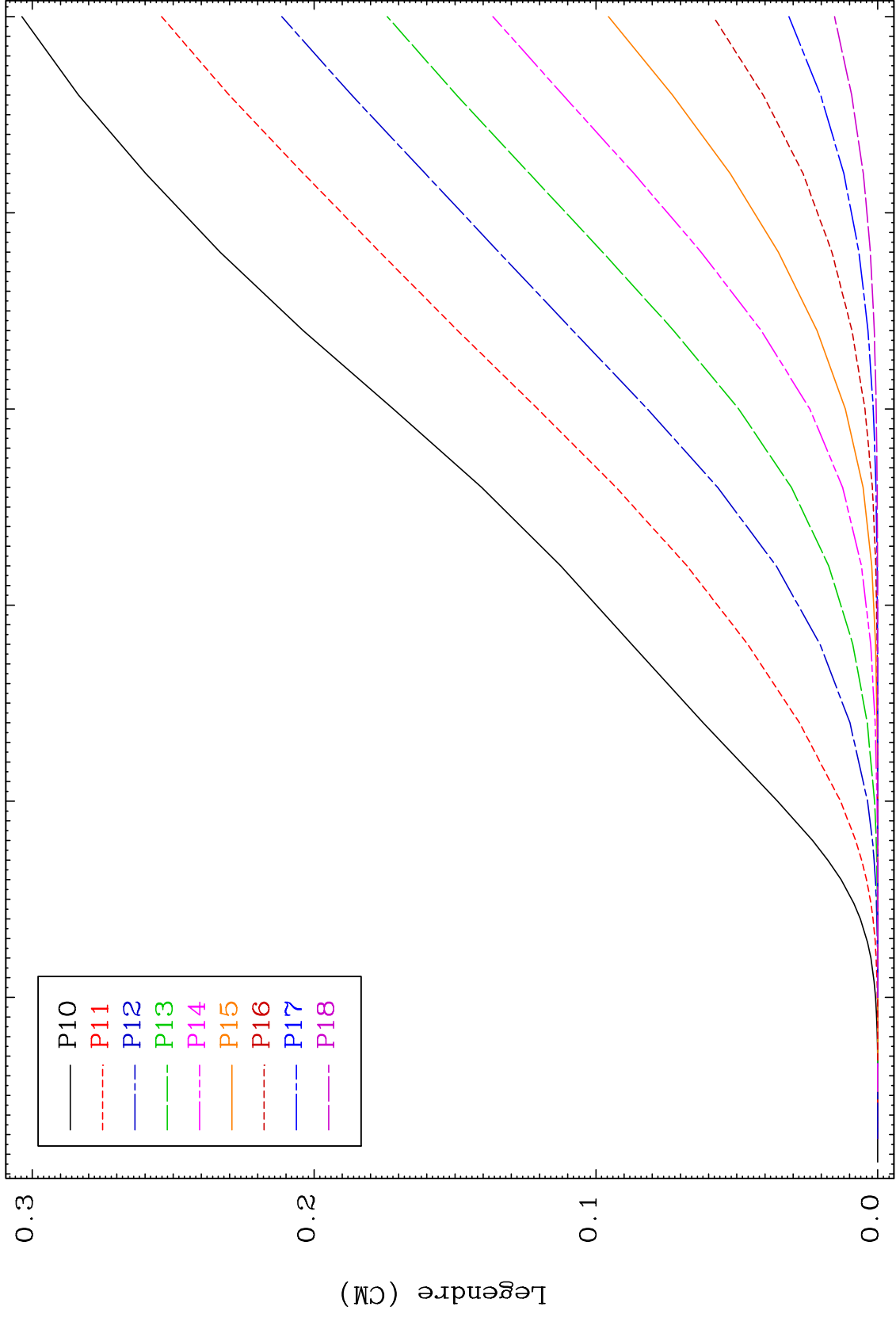




MAT 5301

Elastic
Legendre Coefficients

53-I -119



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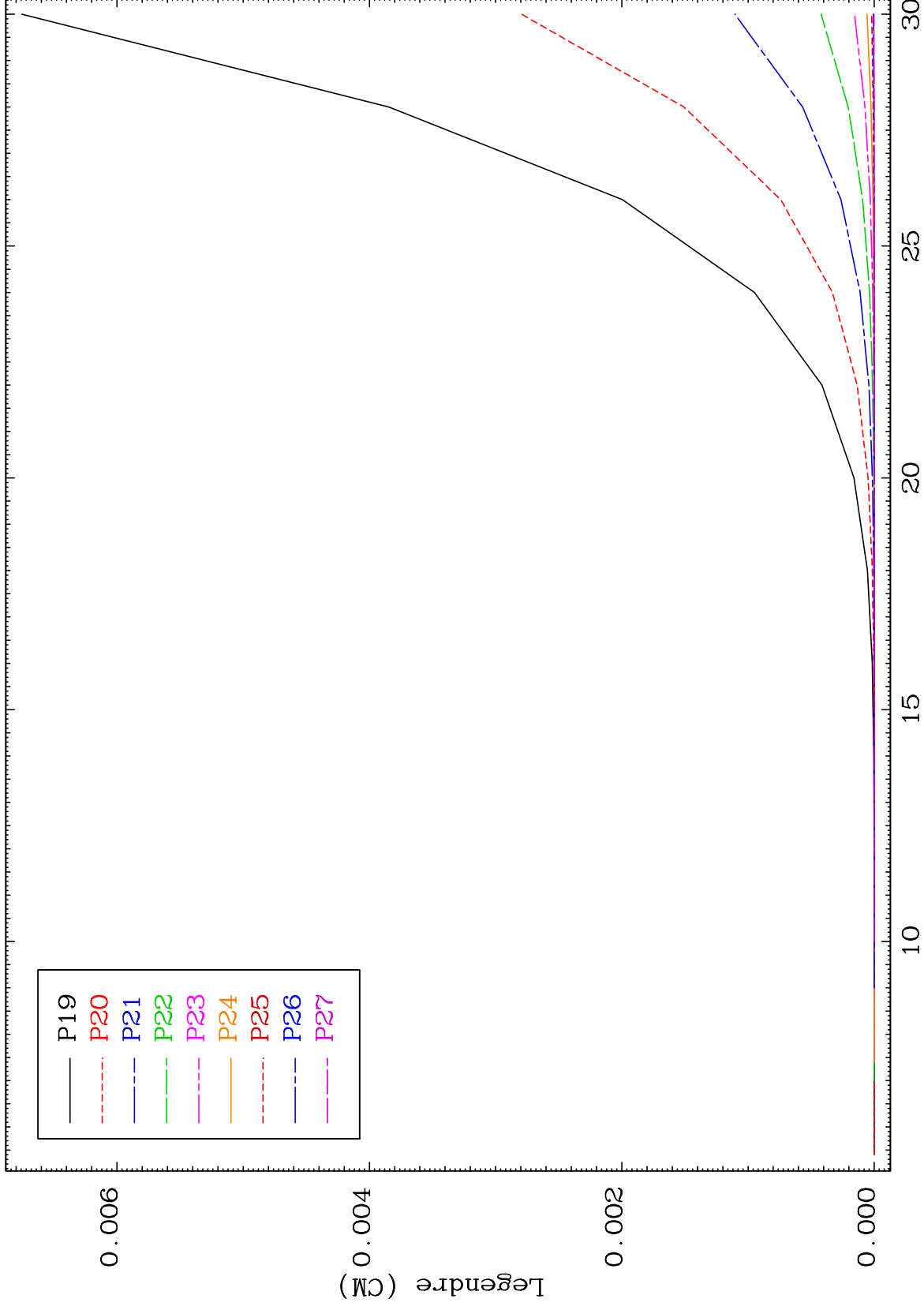
Incident Energy (MeV)

53-I -119

MAT 5301

Elastic Legendre Coefficients

53-I -119



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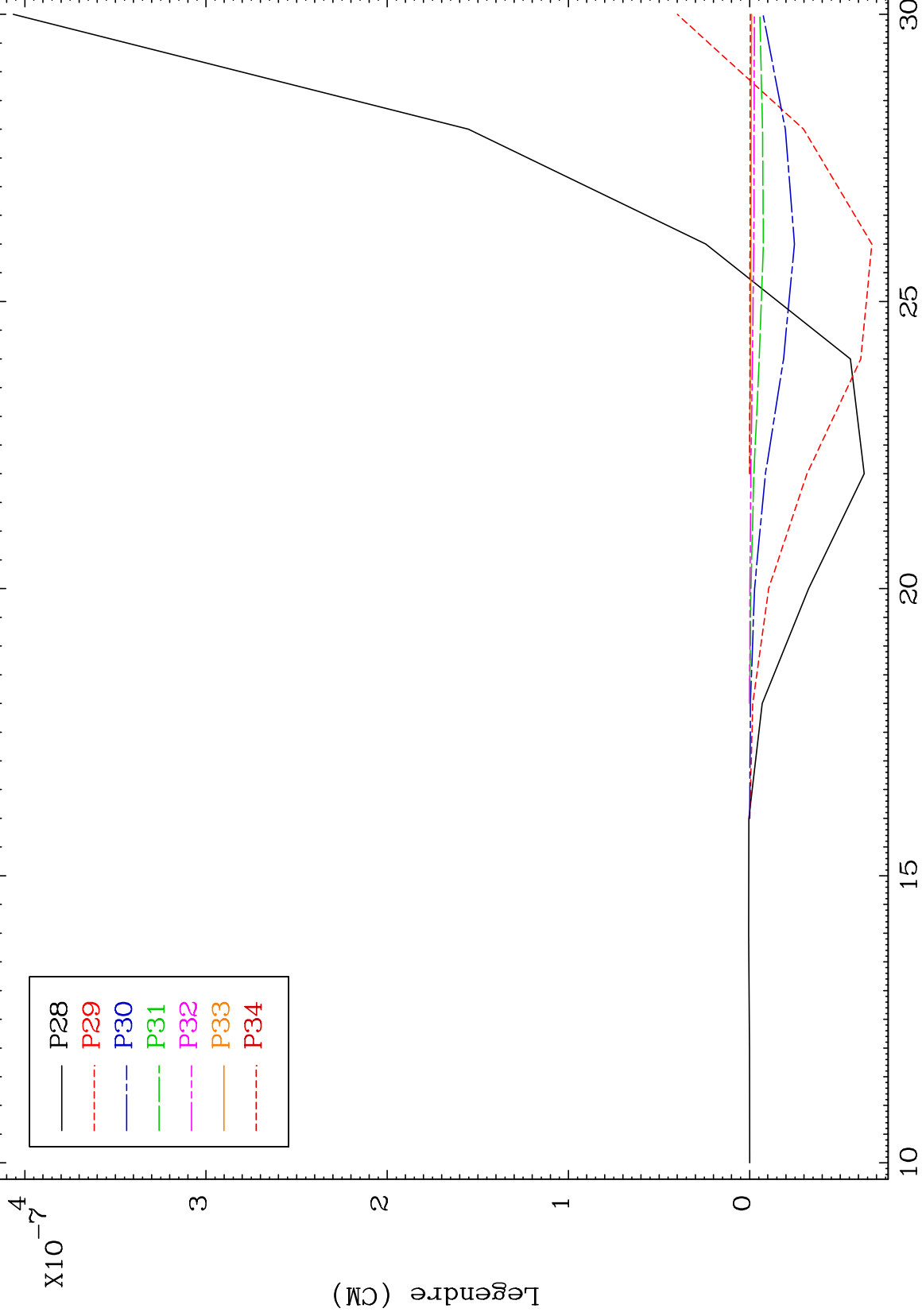
Incident Energy (MeV)

53-I -119

MAT 5301

Elastic
Legendre Coefficients

53-I -119



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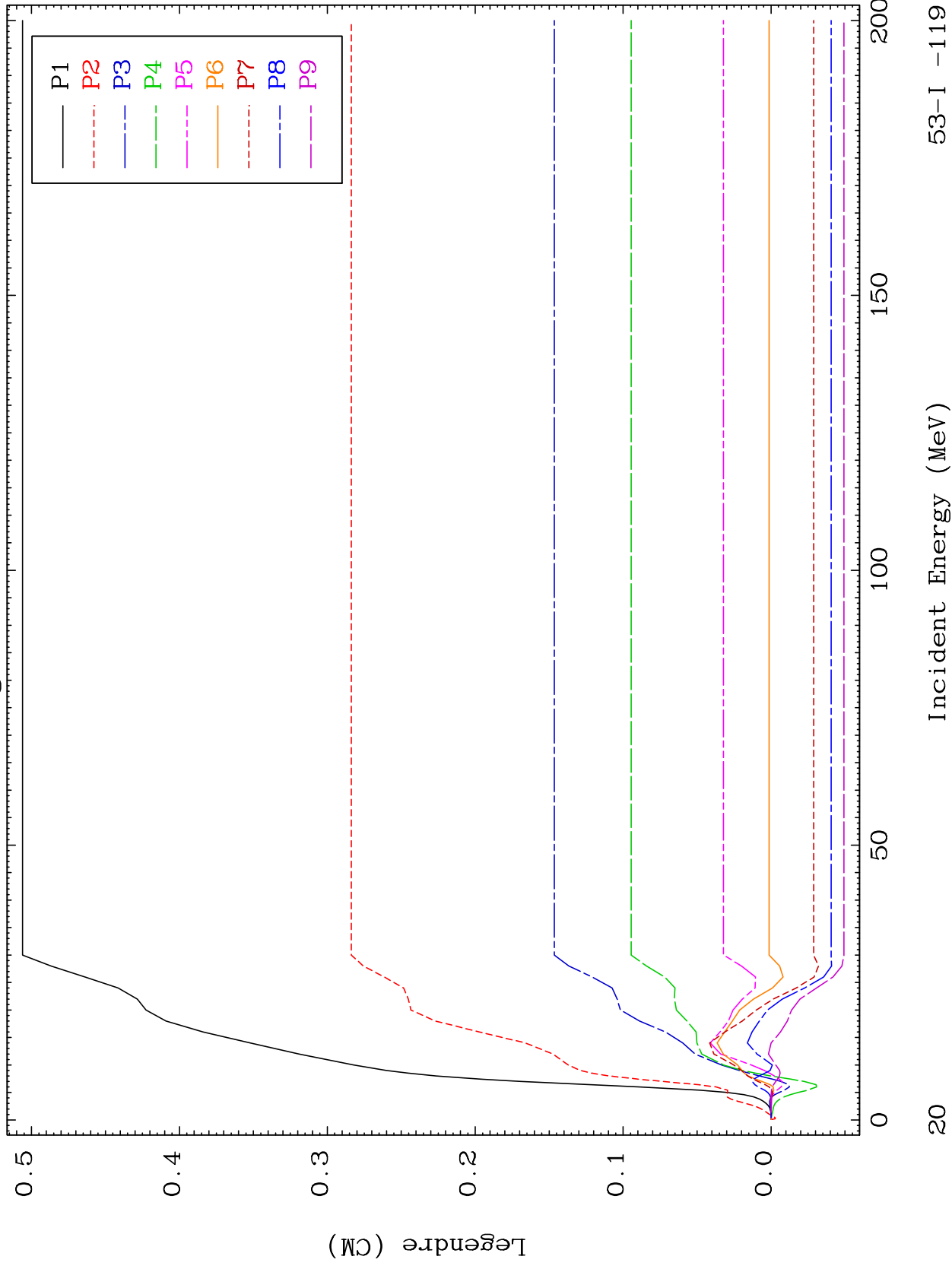
Incident Energy (MeV)

53-I -119

MAT 5301

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

53-I -119



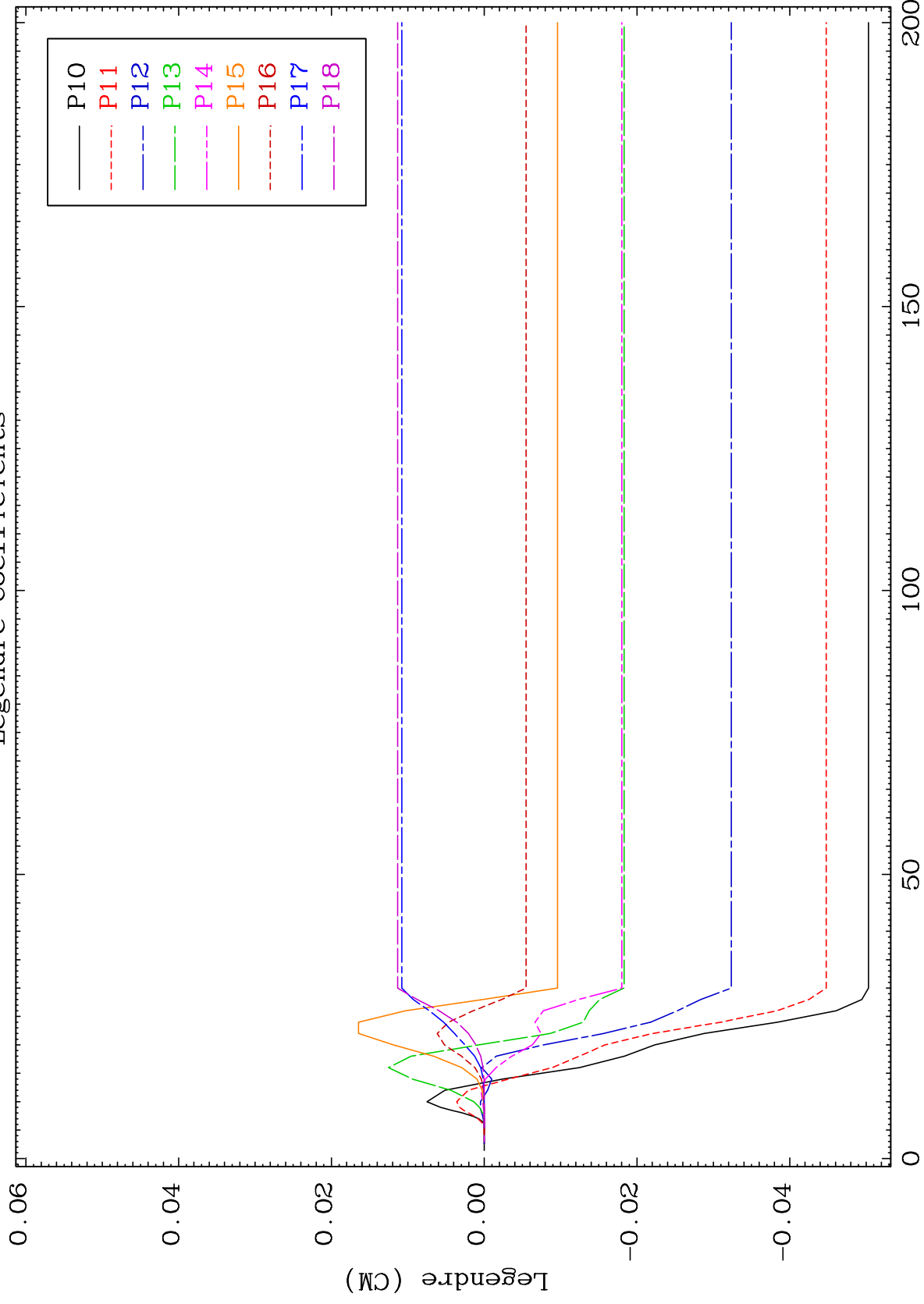
53-I -119

Incident Energy (MeV)

MAT 5301

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

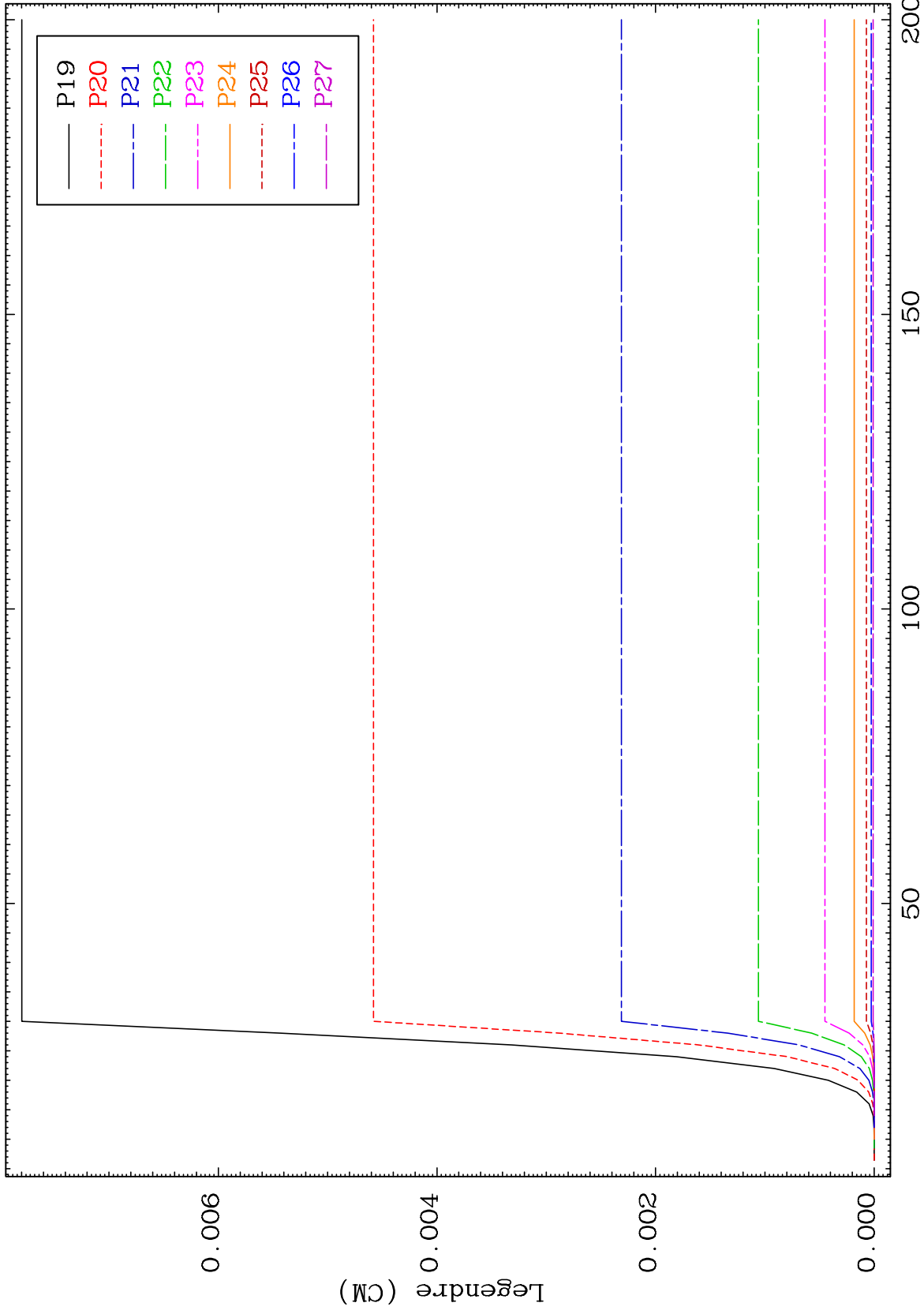
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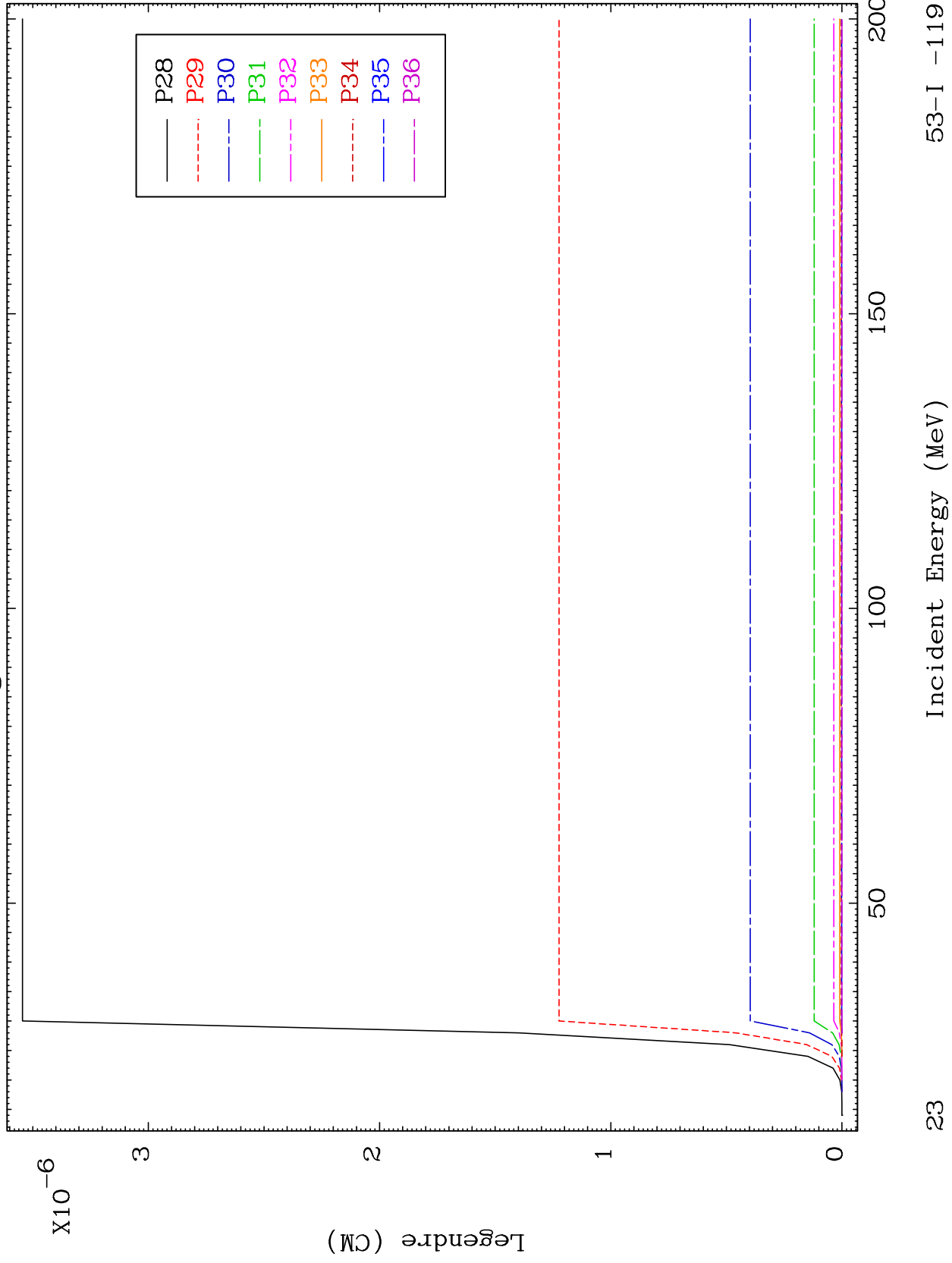


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Incident Energy (MeV)

53-I -119

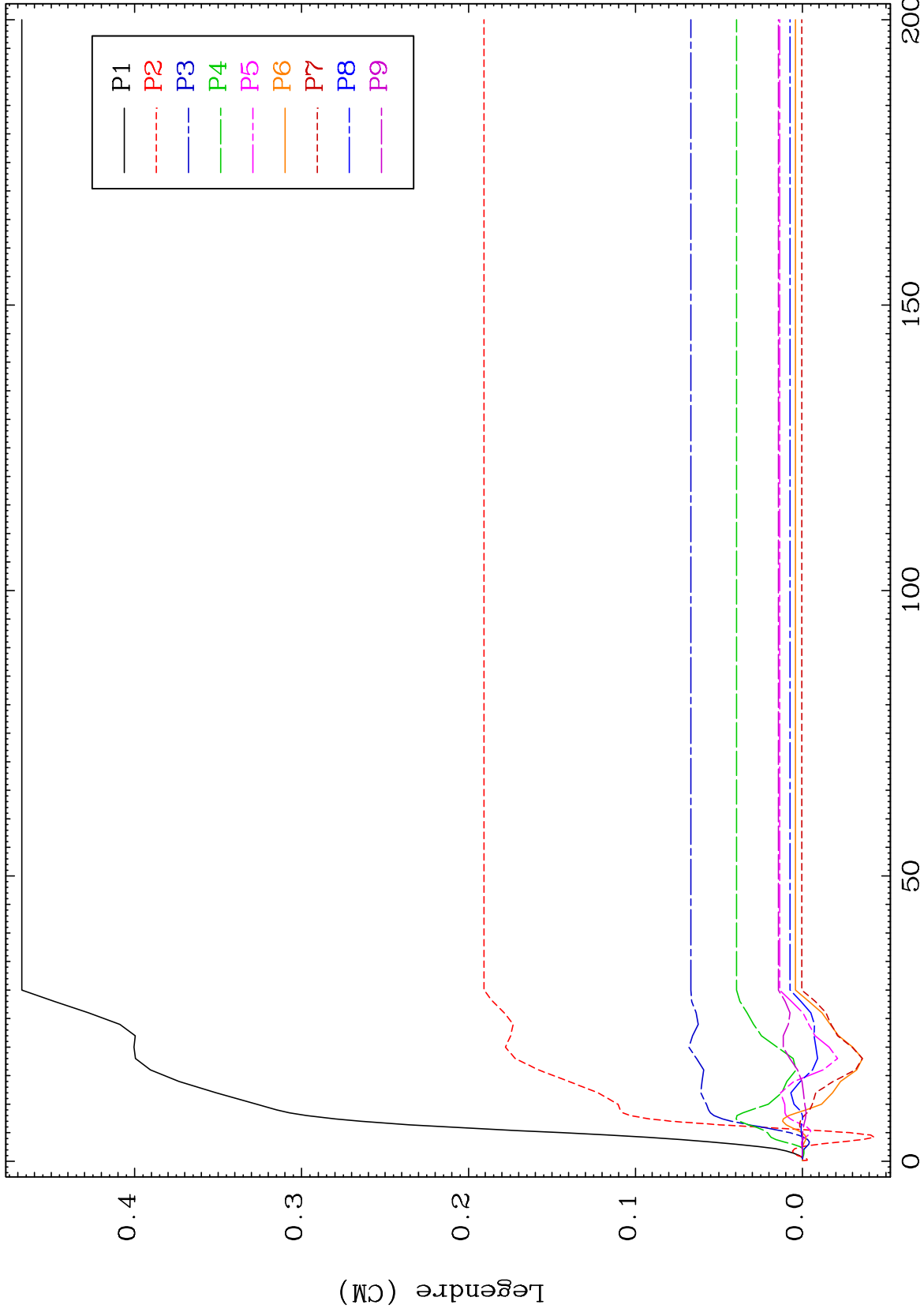




MAT 5301

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

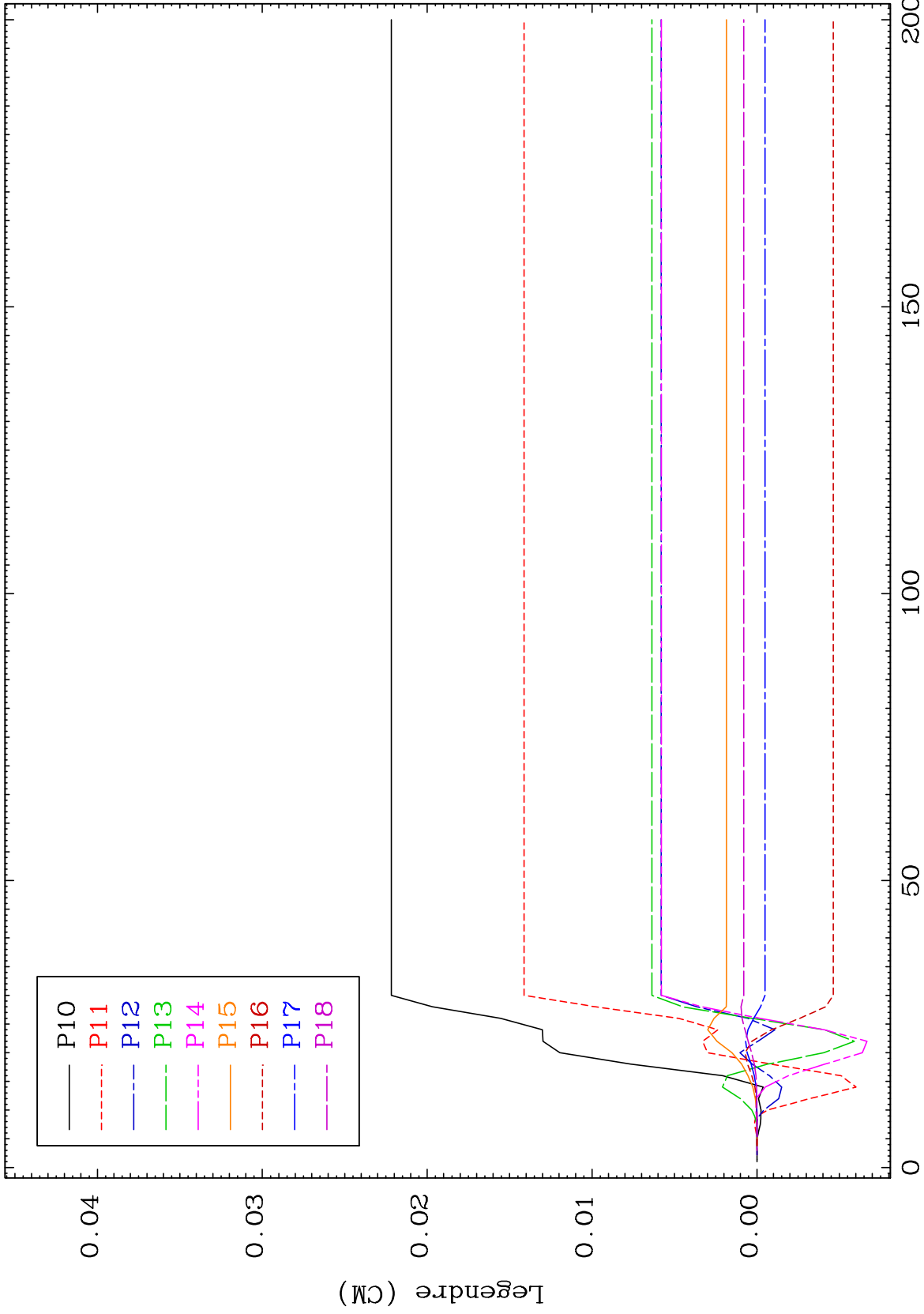
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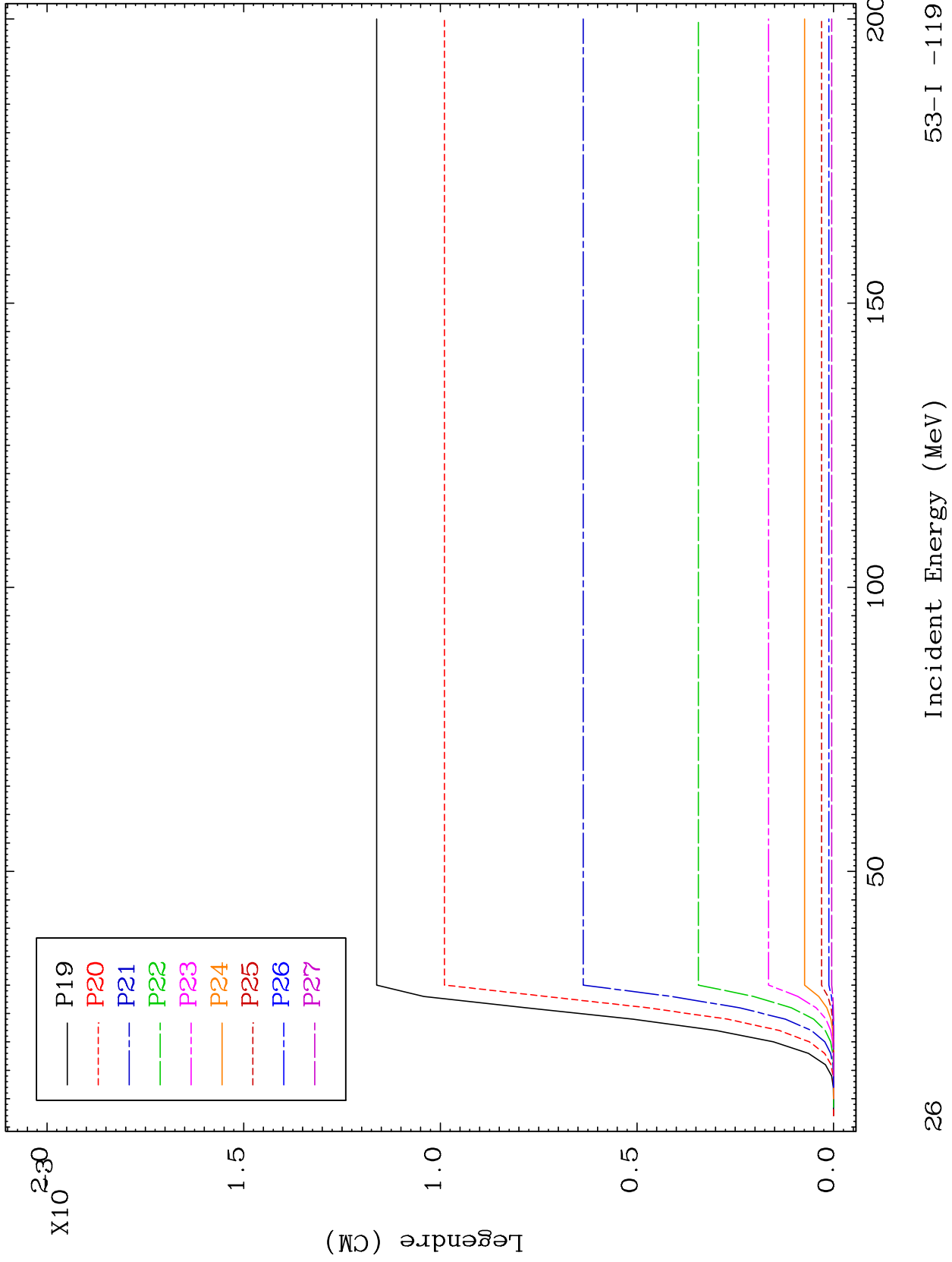


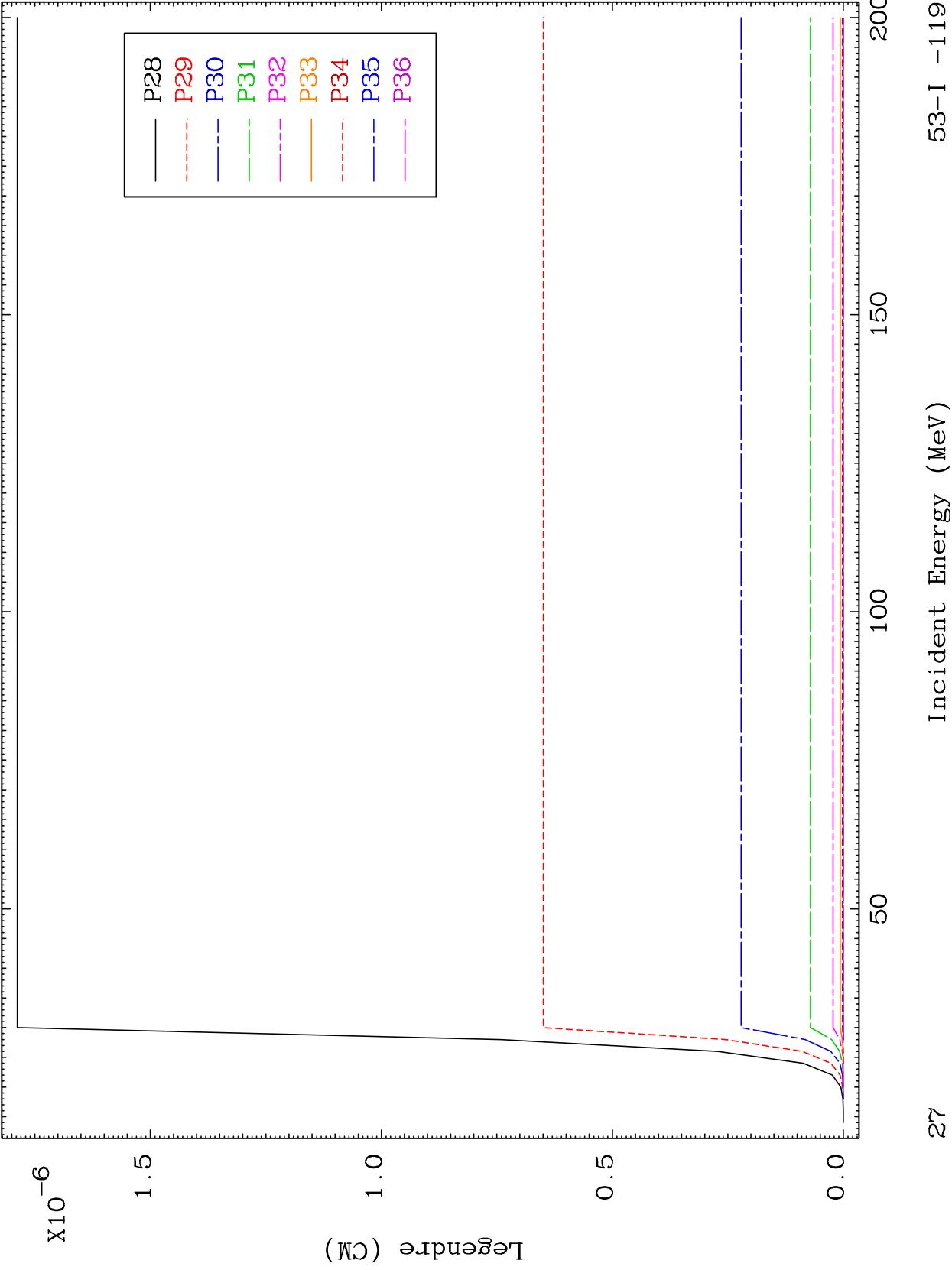
24

Incident Energy (MeV)

53-I -119



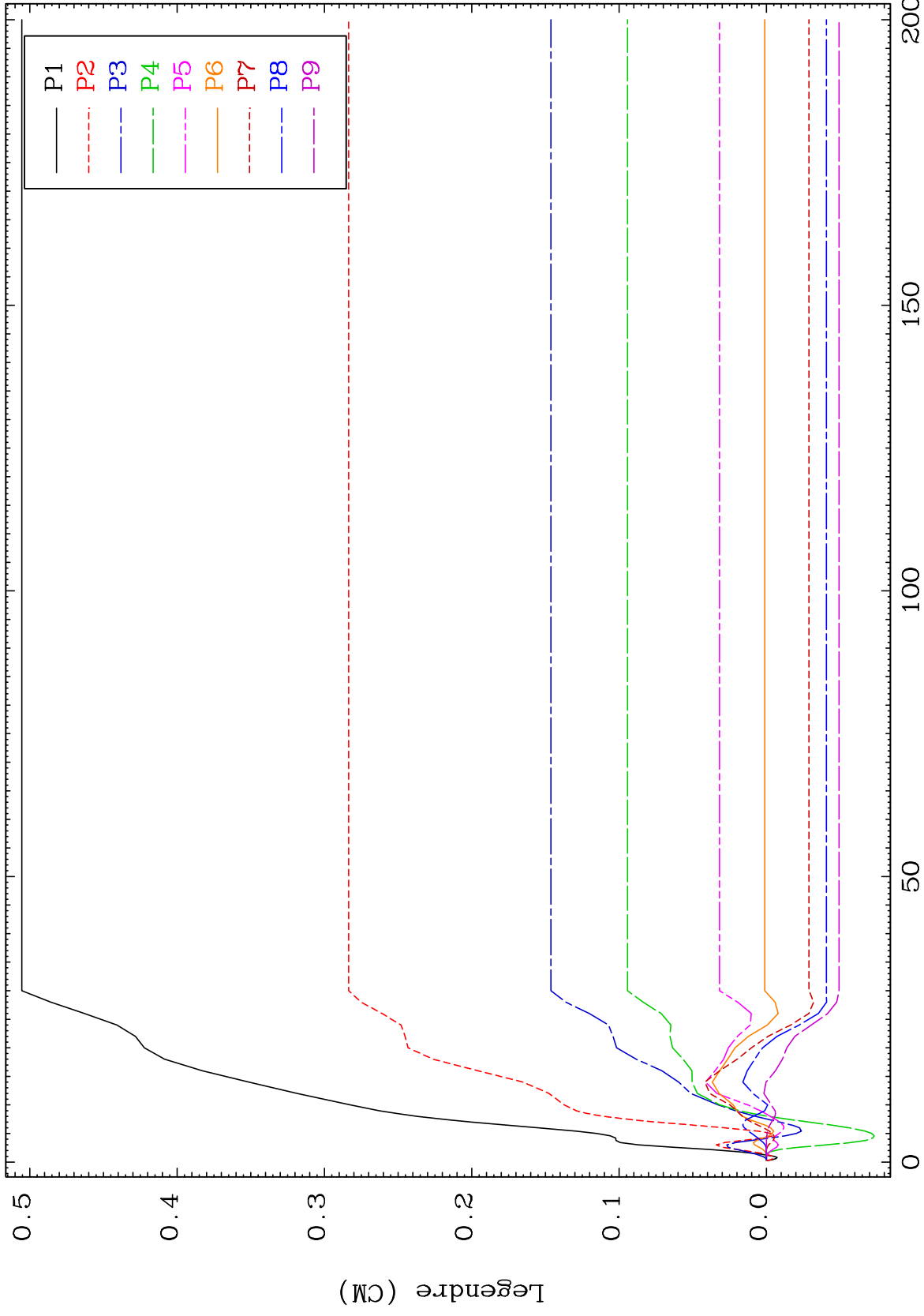




MAT 5301

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

53-I -119



28

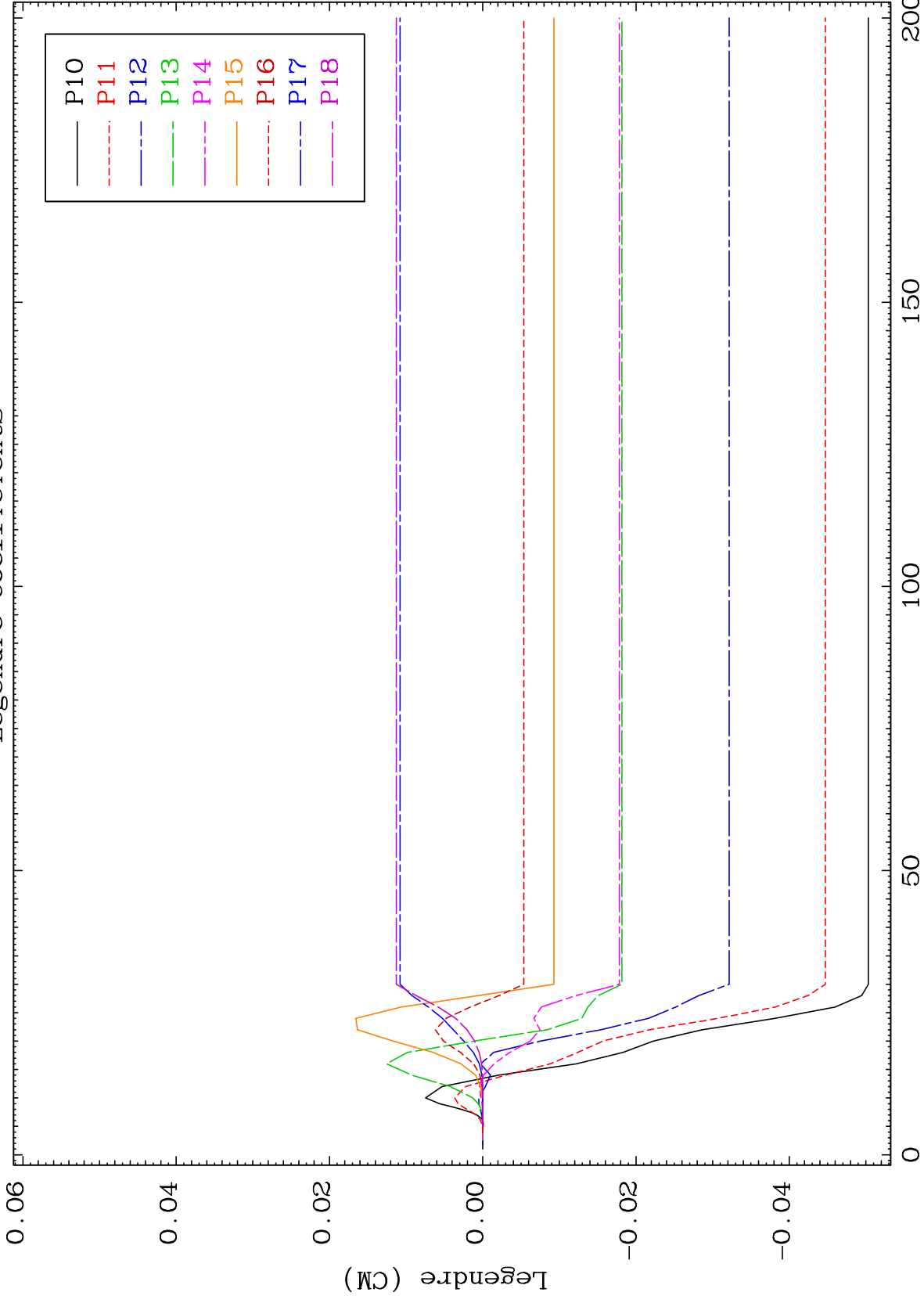
Incident Energy (MeV)

53-I -119

MAT 5301

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

53-I -119



29

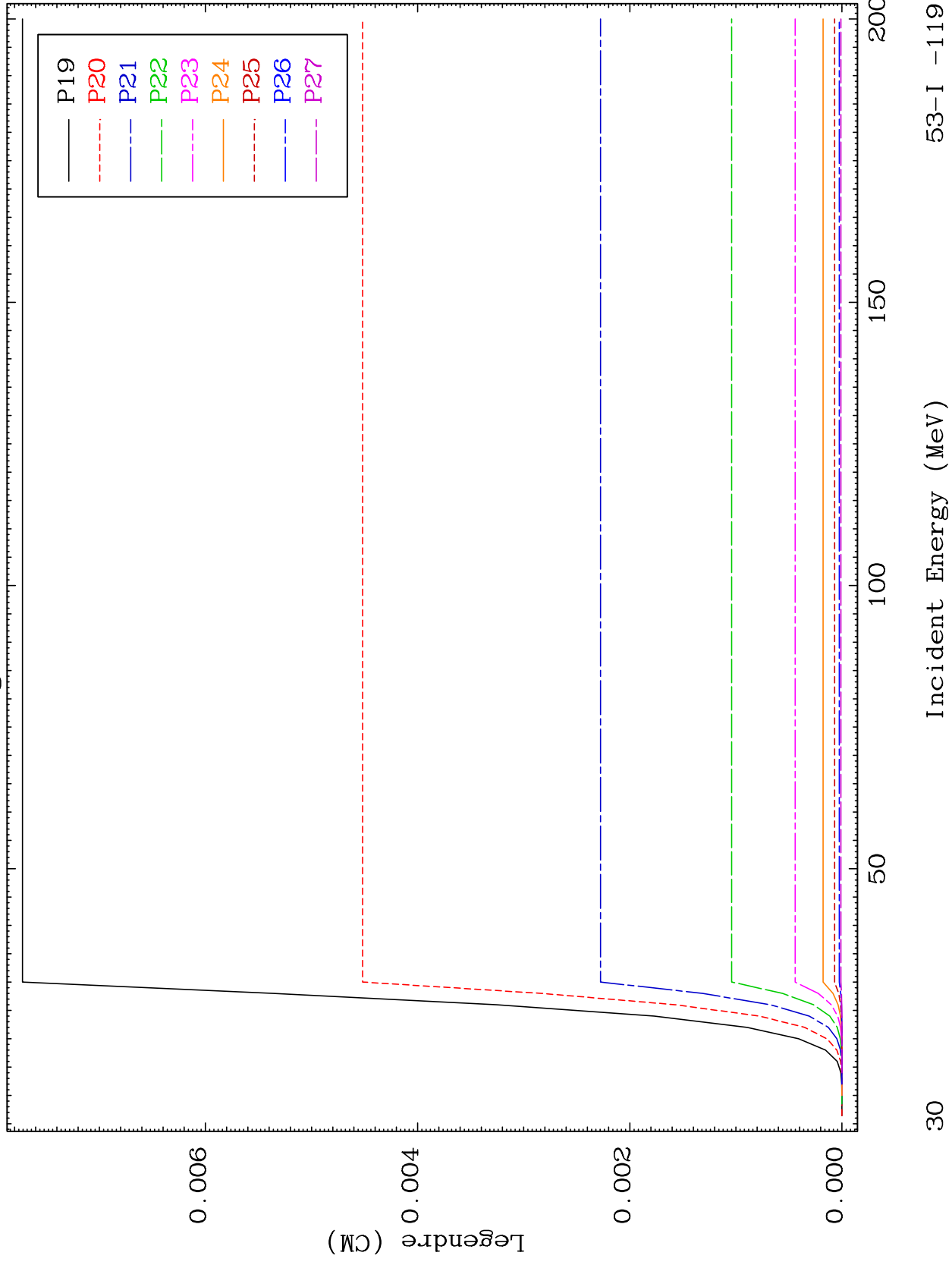
Incident Energy (MeV)

53-I -119

MAT 5301

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

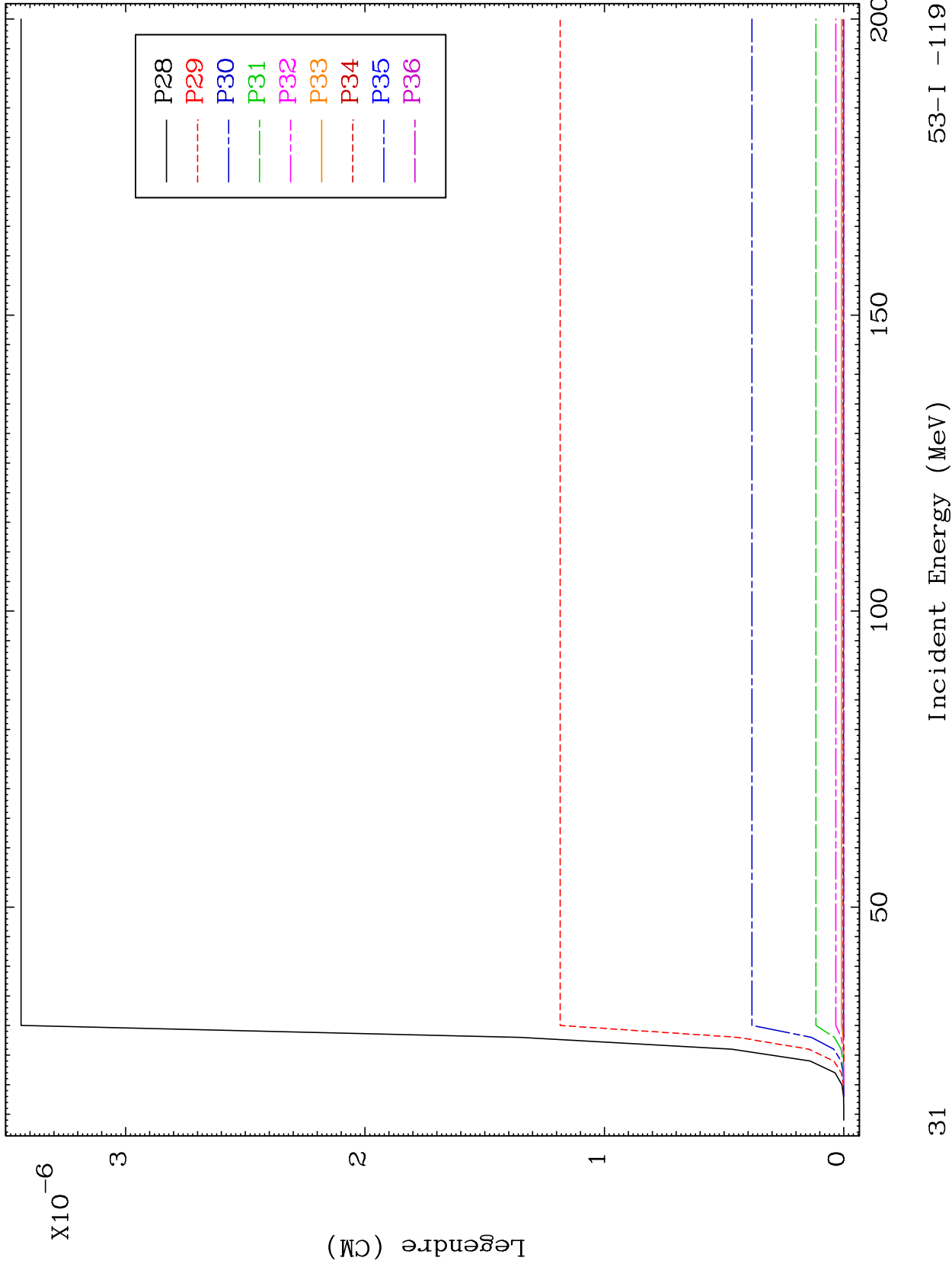
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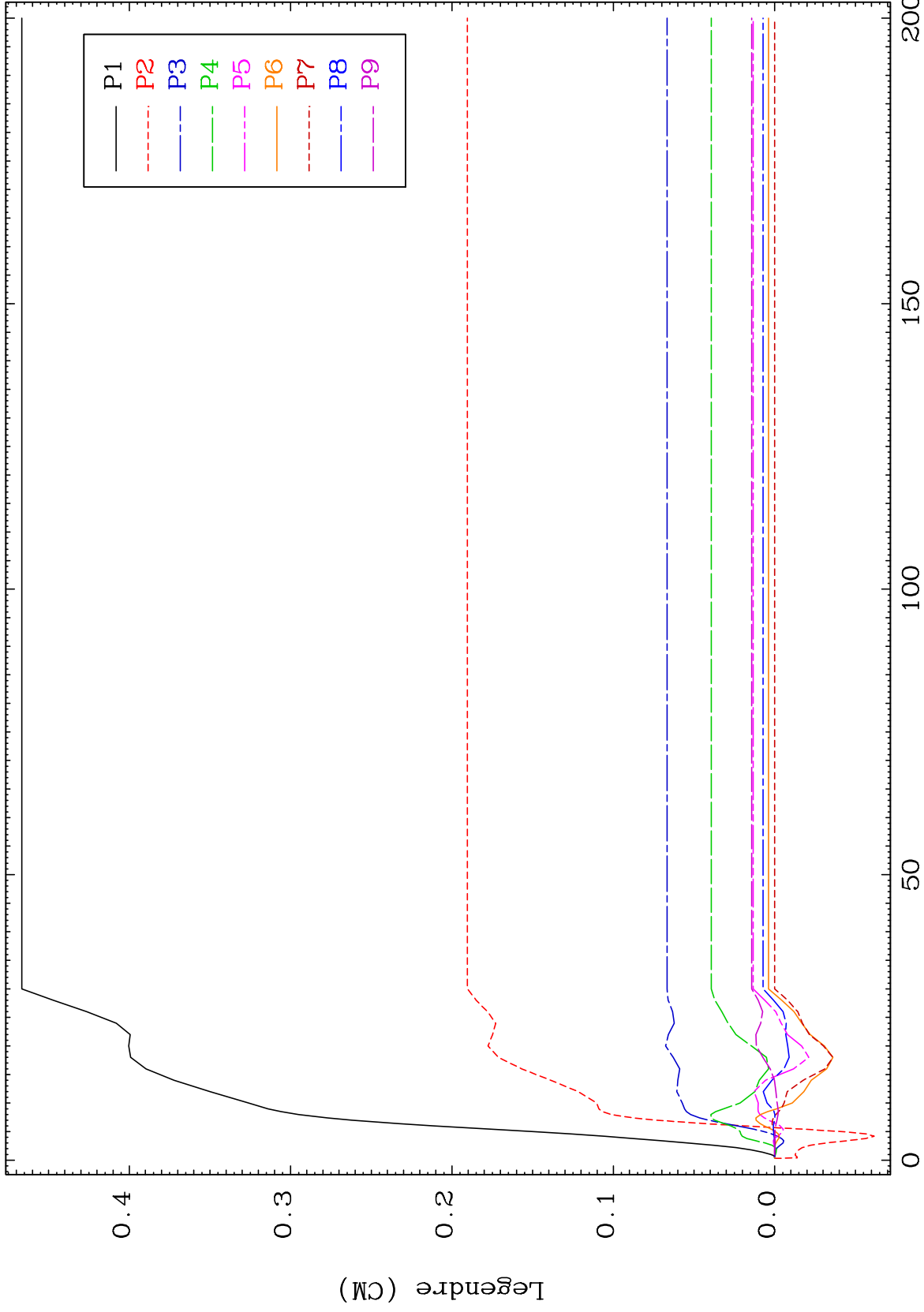


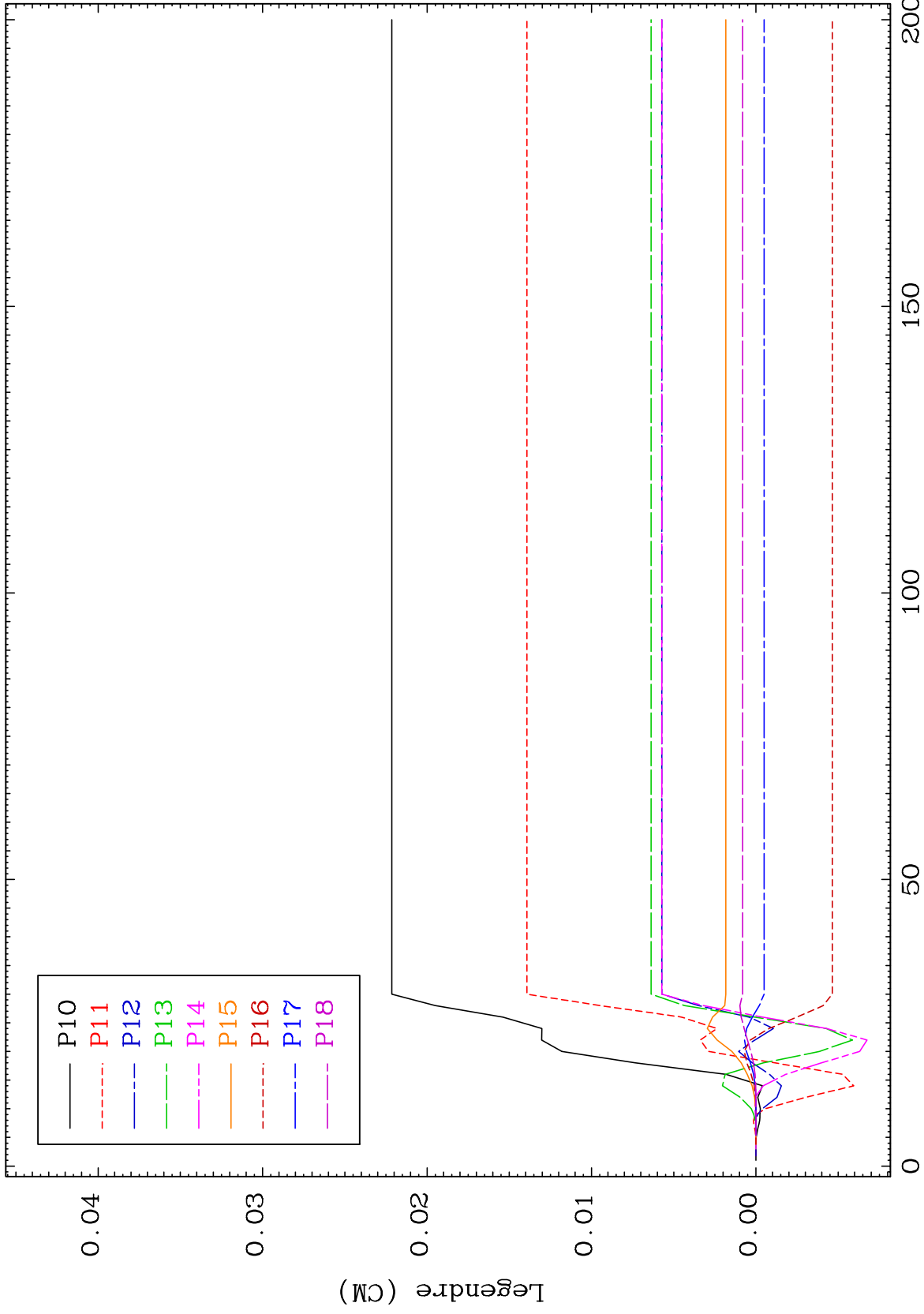
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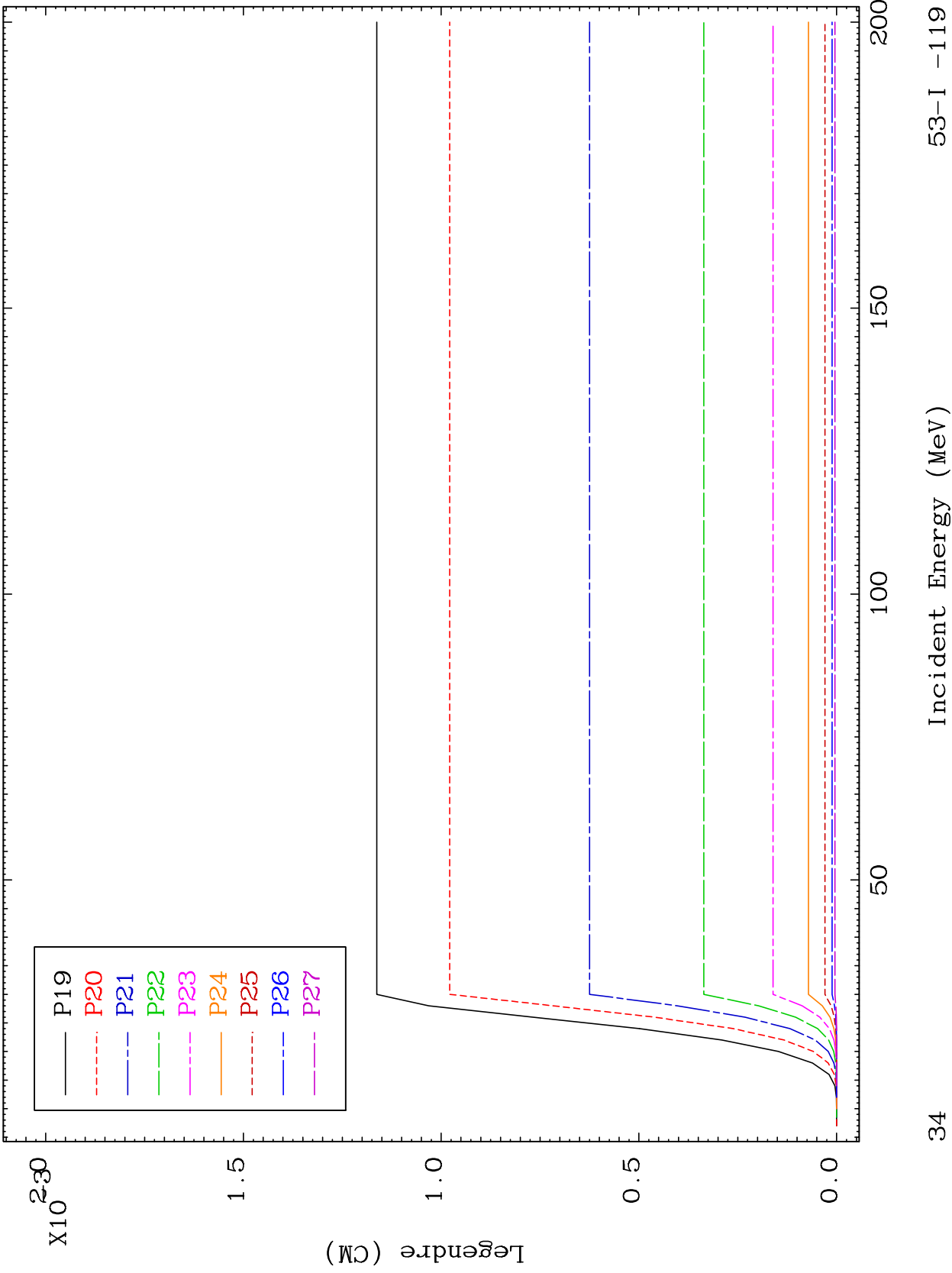
Incident Energy (MeV)

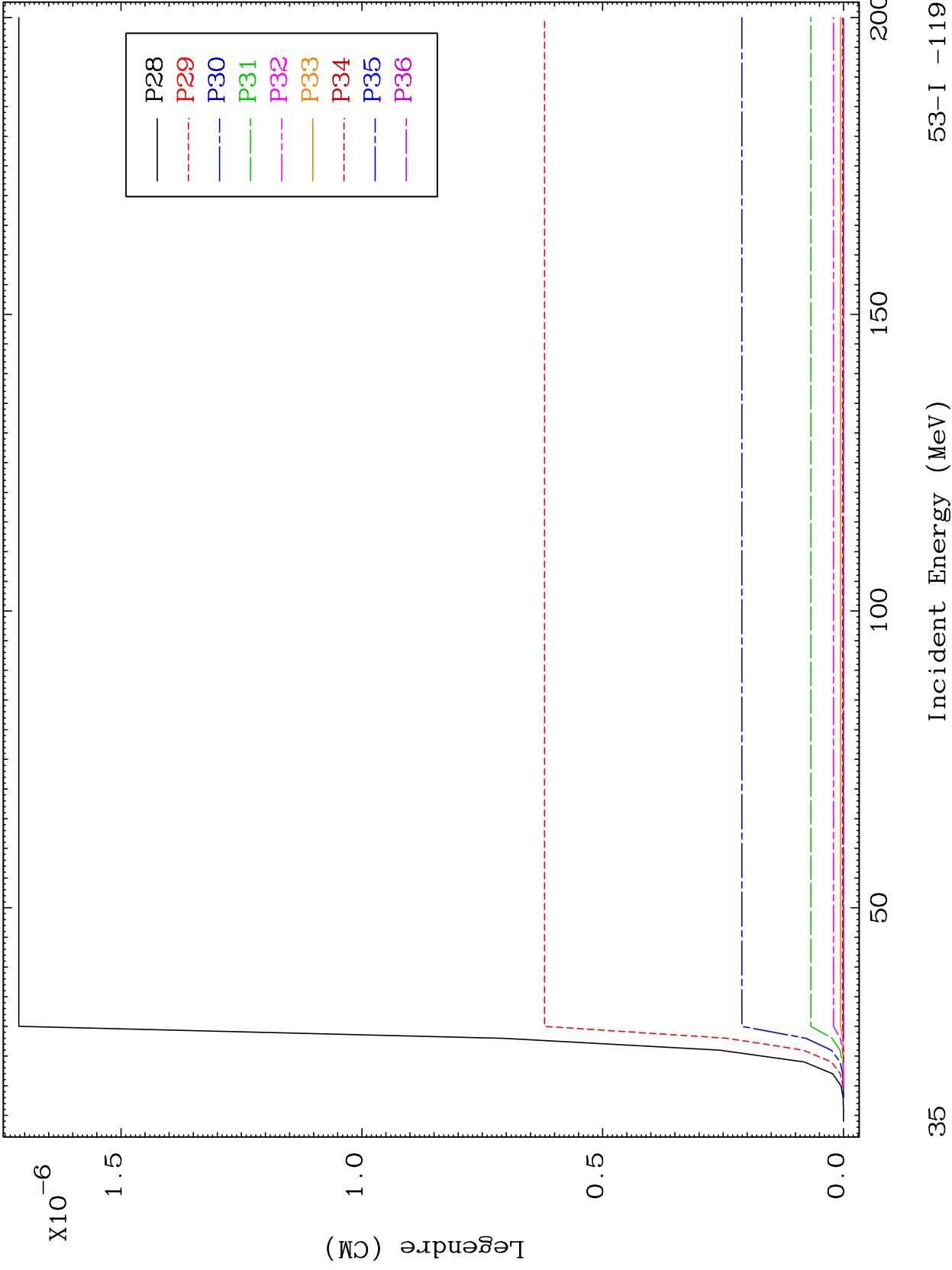
30







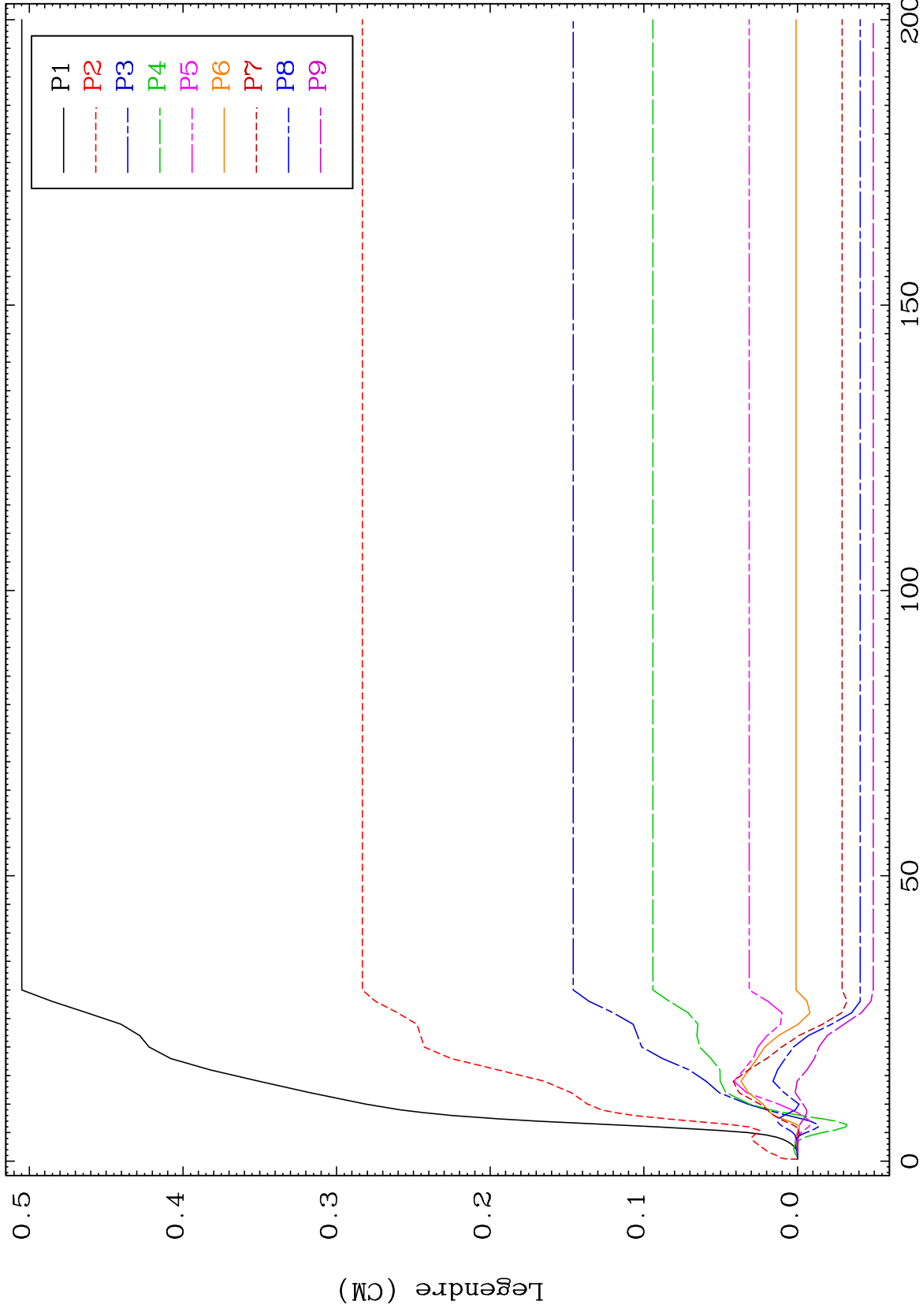




MAT 5301

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

53-I -119



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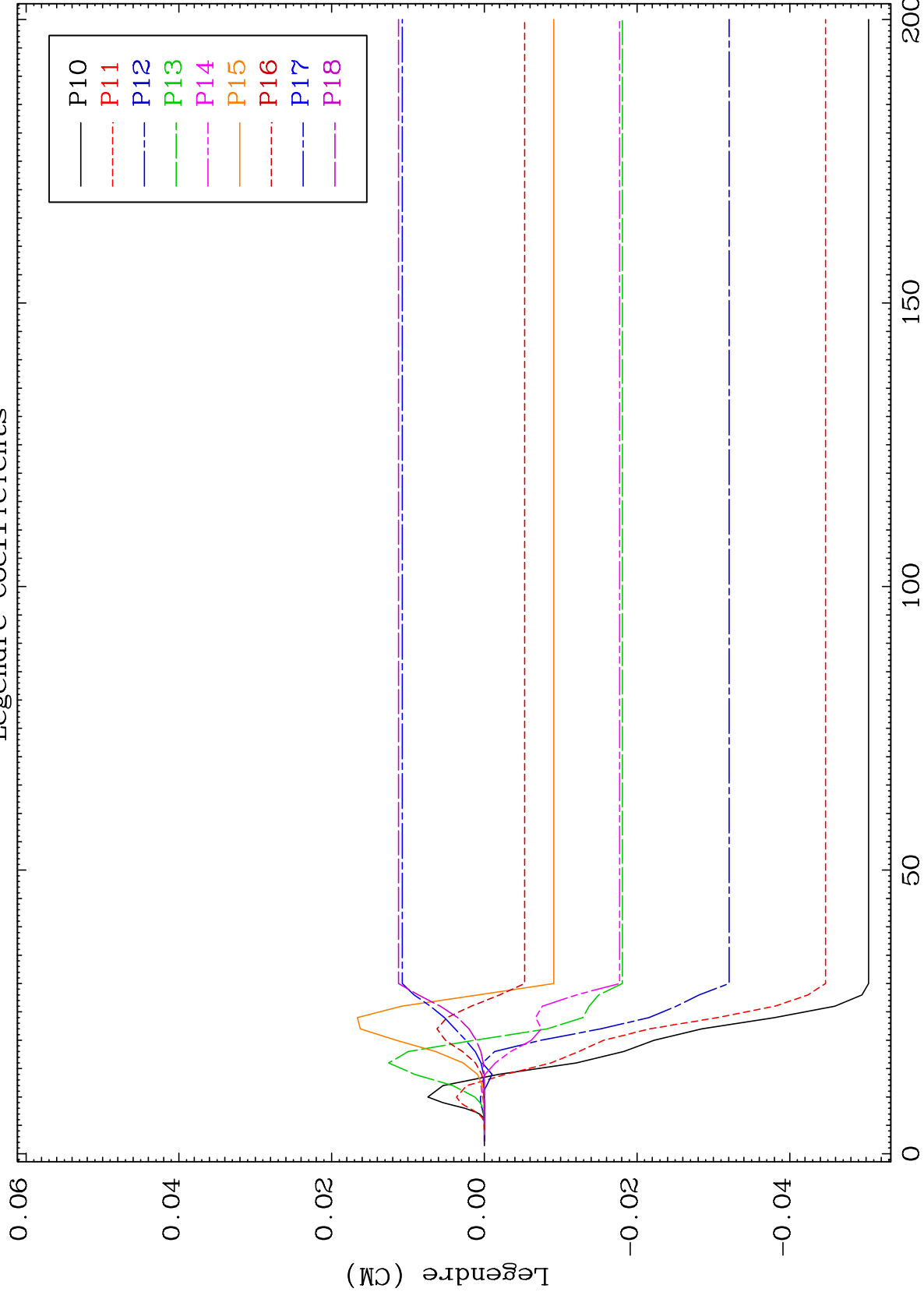
Incident Energy (MeV)

53-I -119

MAT 5301

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

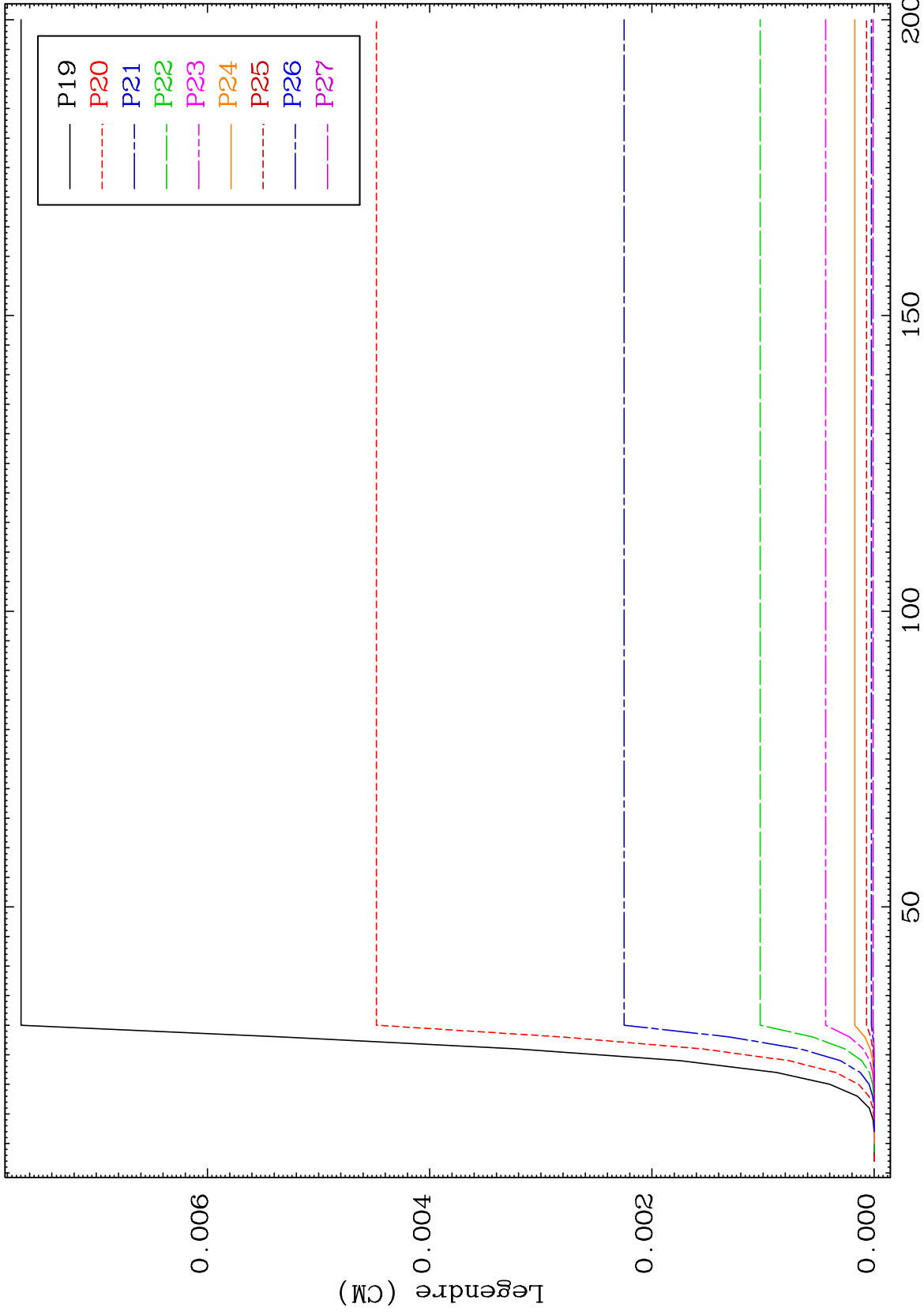
53-I -119



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Incident Energy (MeV)

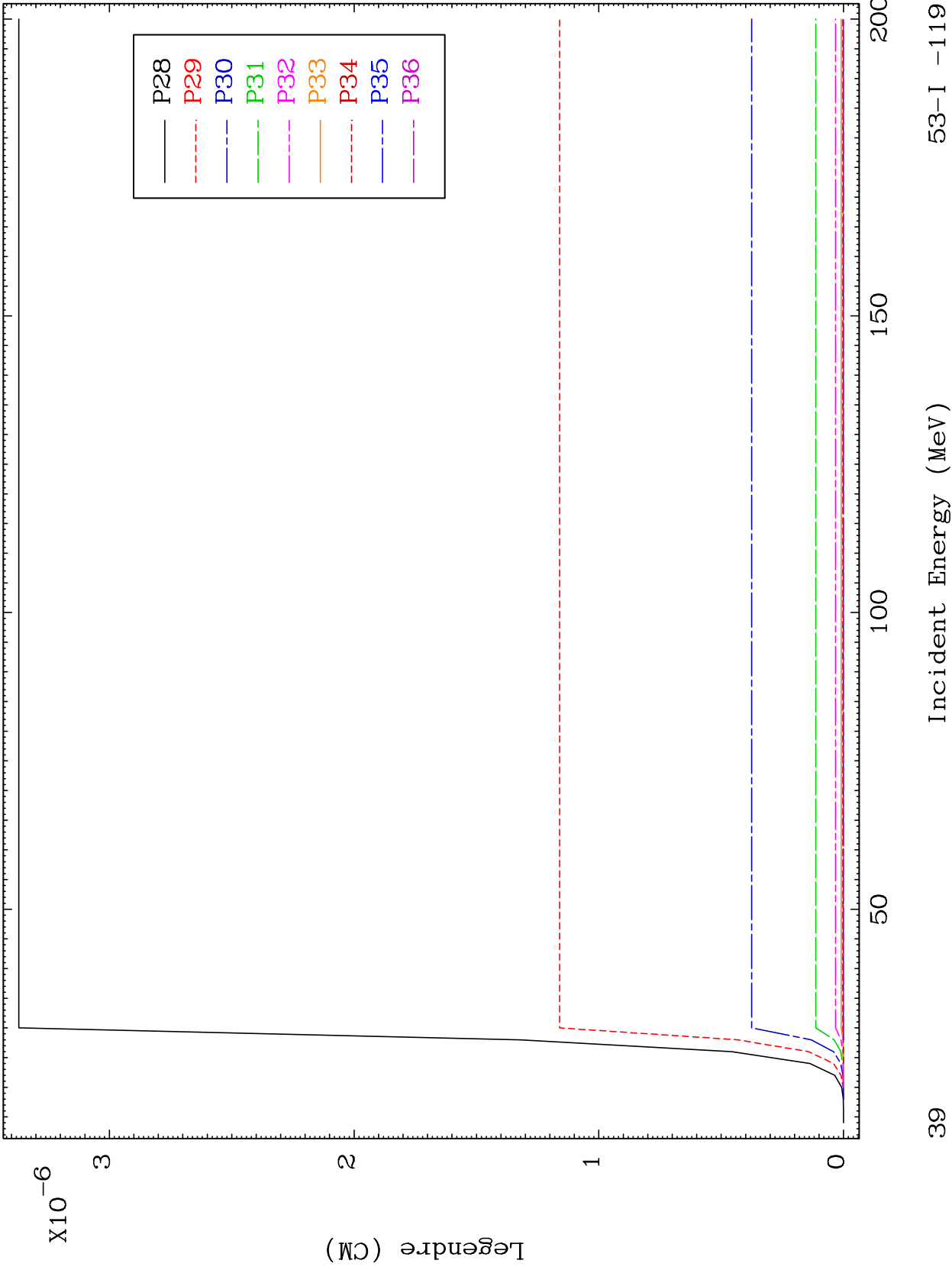
53-I -119



MAT 5301

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

53-I -119



39

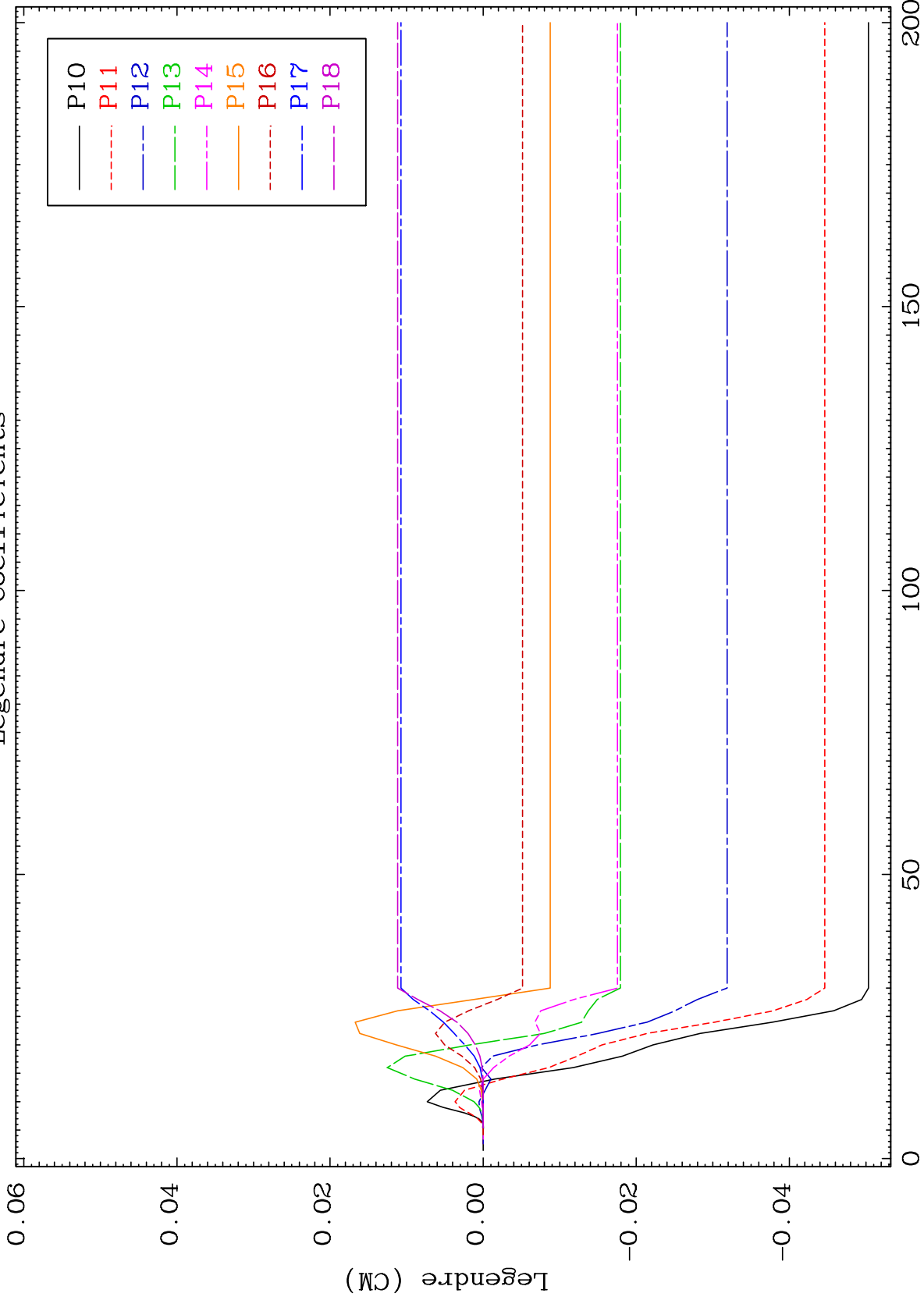
Incident Energy (MeV)

53-I -119

MAT 5301

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

53-I -119



41

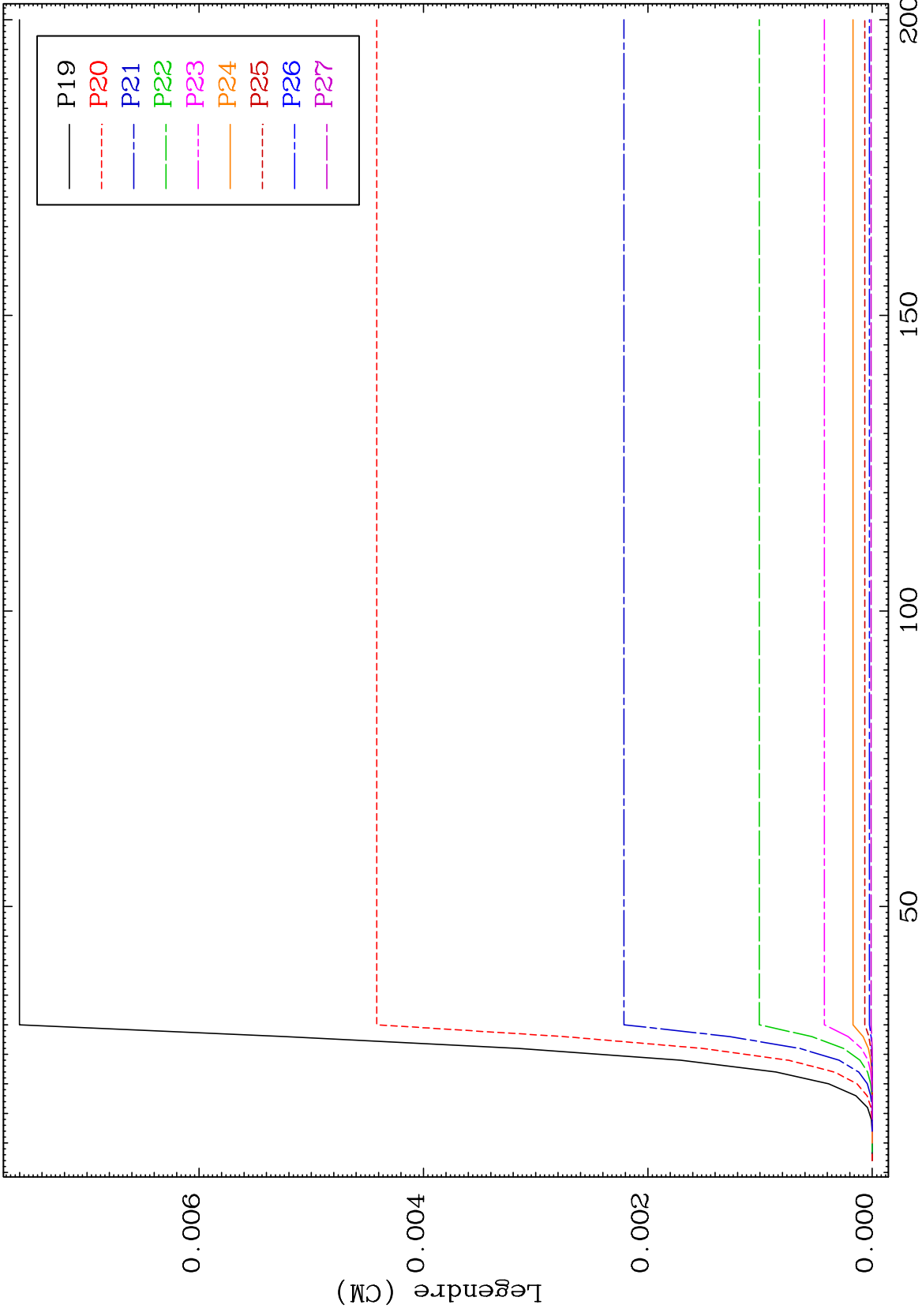
Incident Energy (MeV)

53-I -119

MAT 5301

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

53-I -119



42

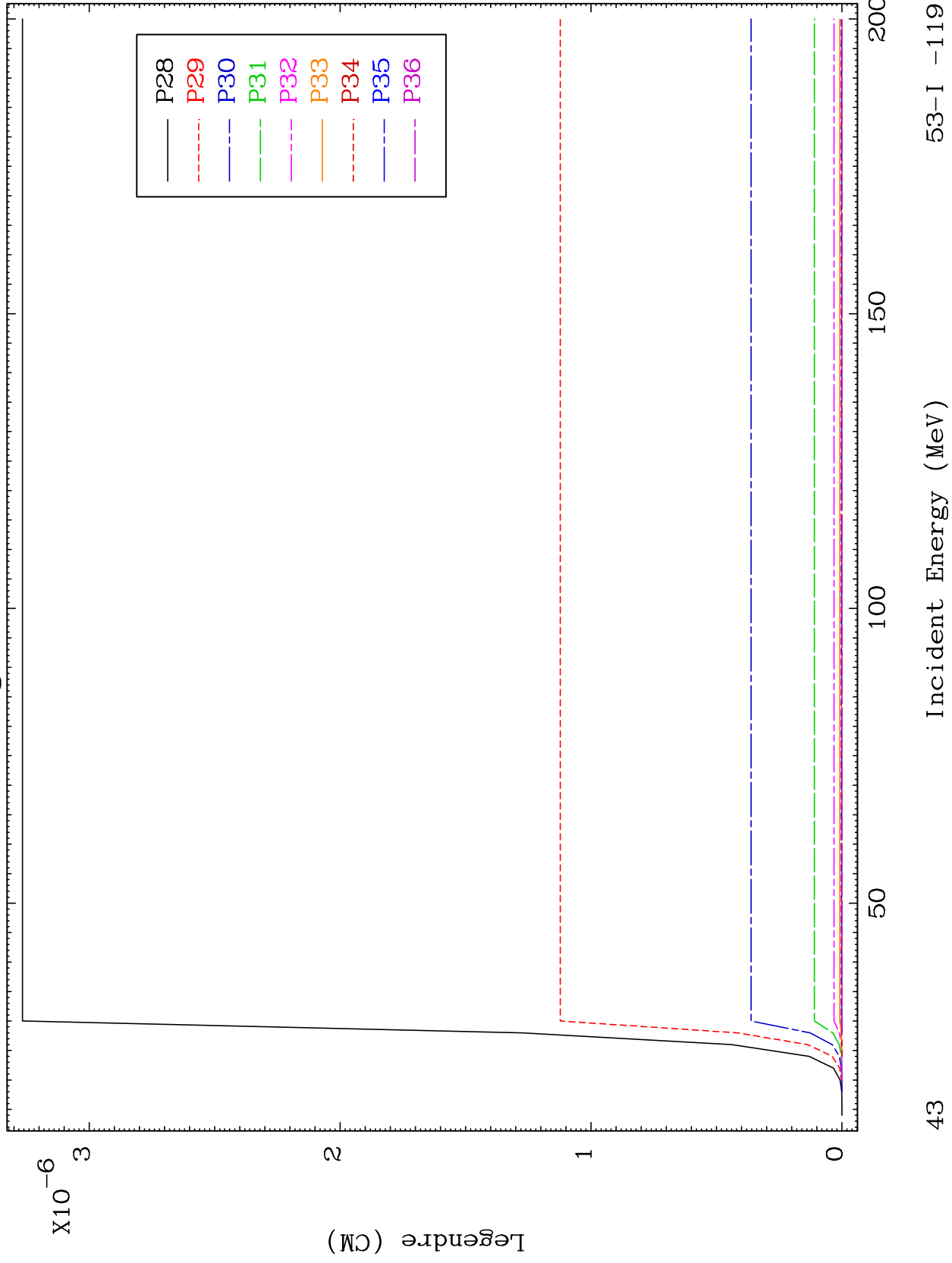
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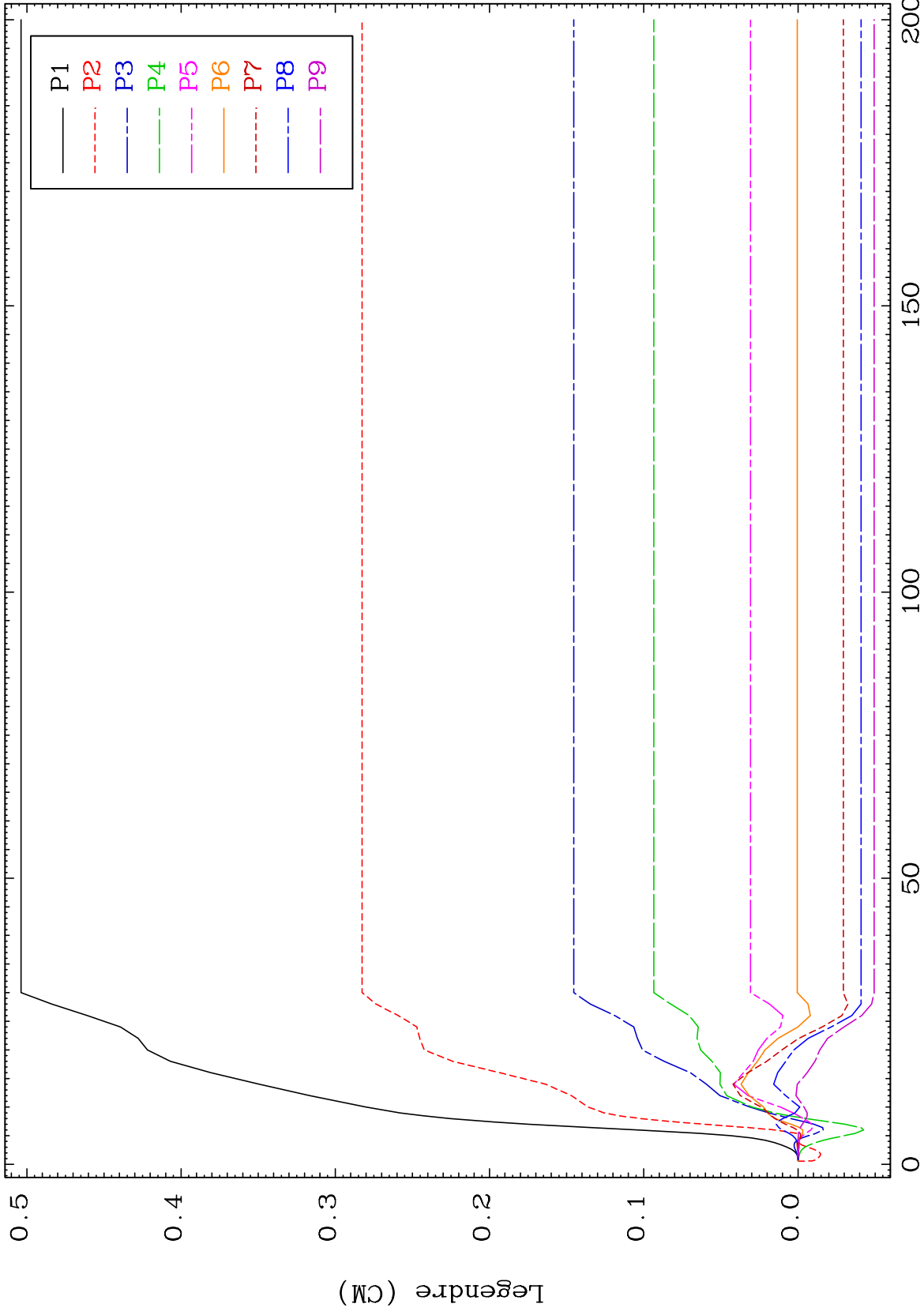
53-I -119

MAT 5301

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

53-I -119

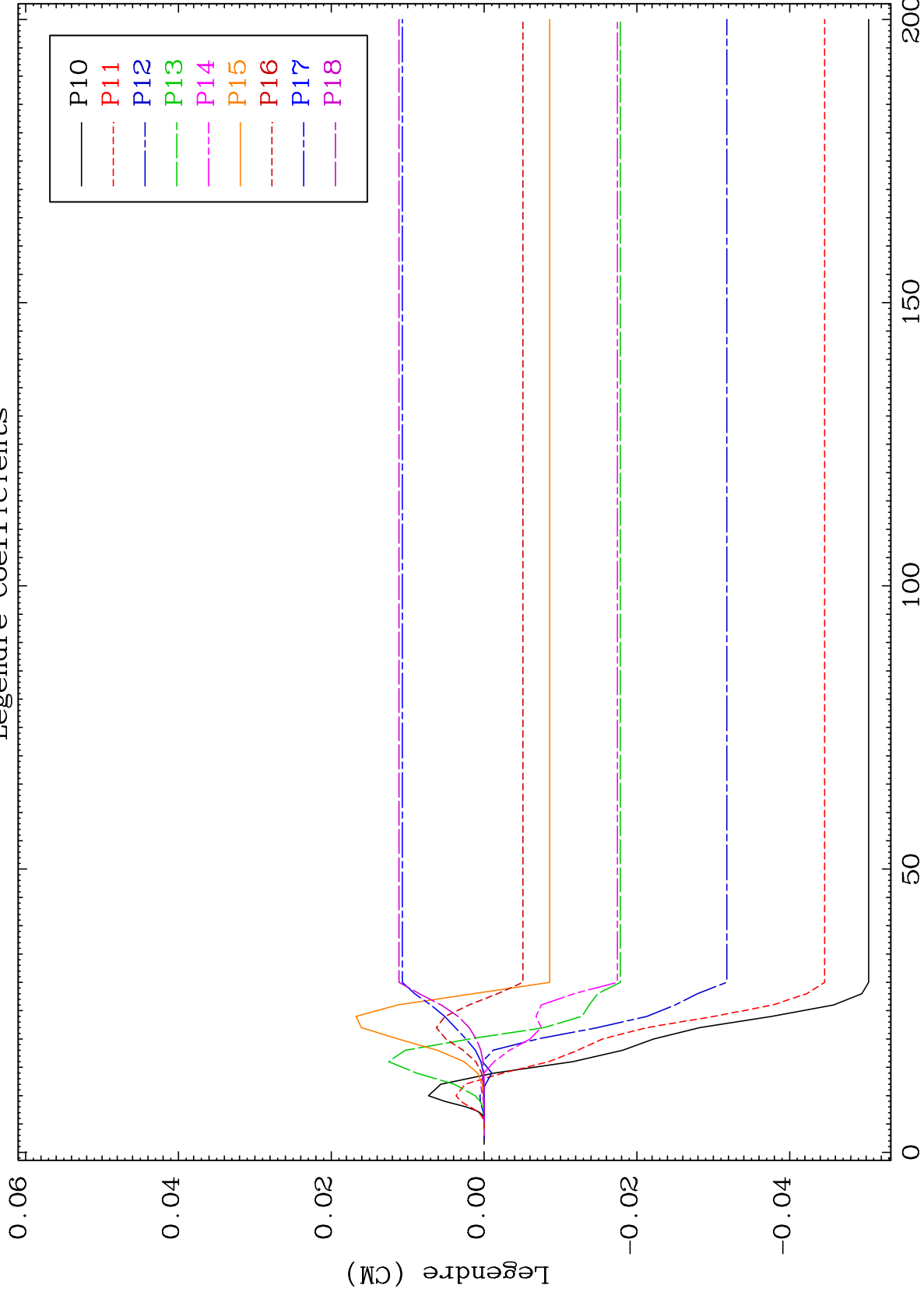




MAT 5301

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

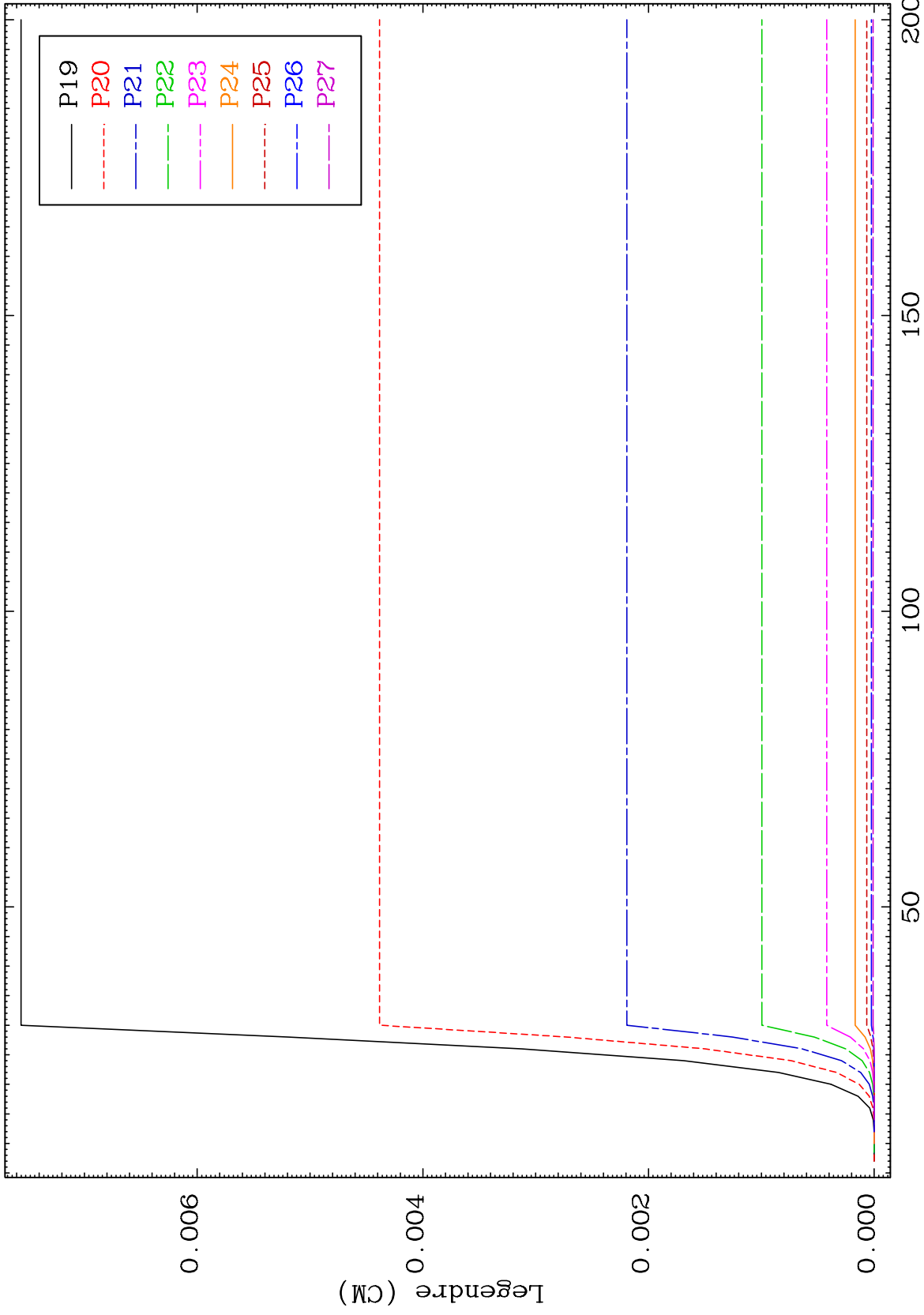
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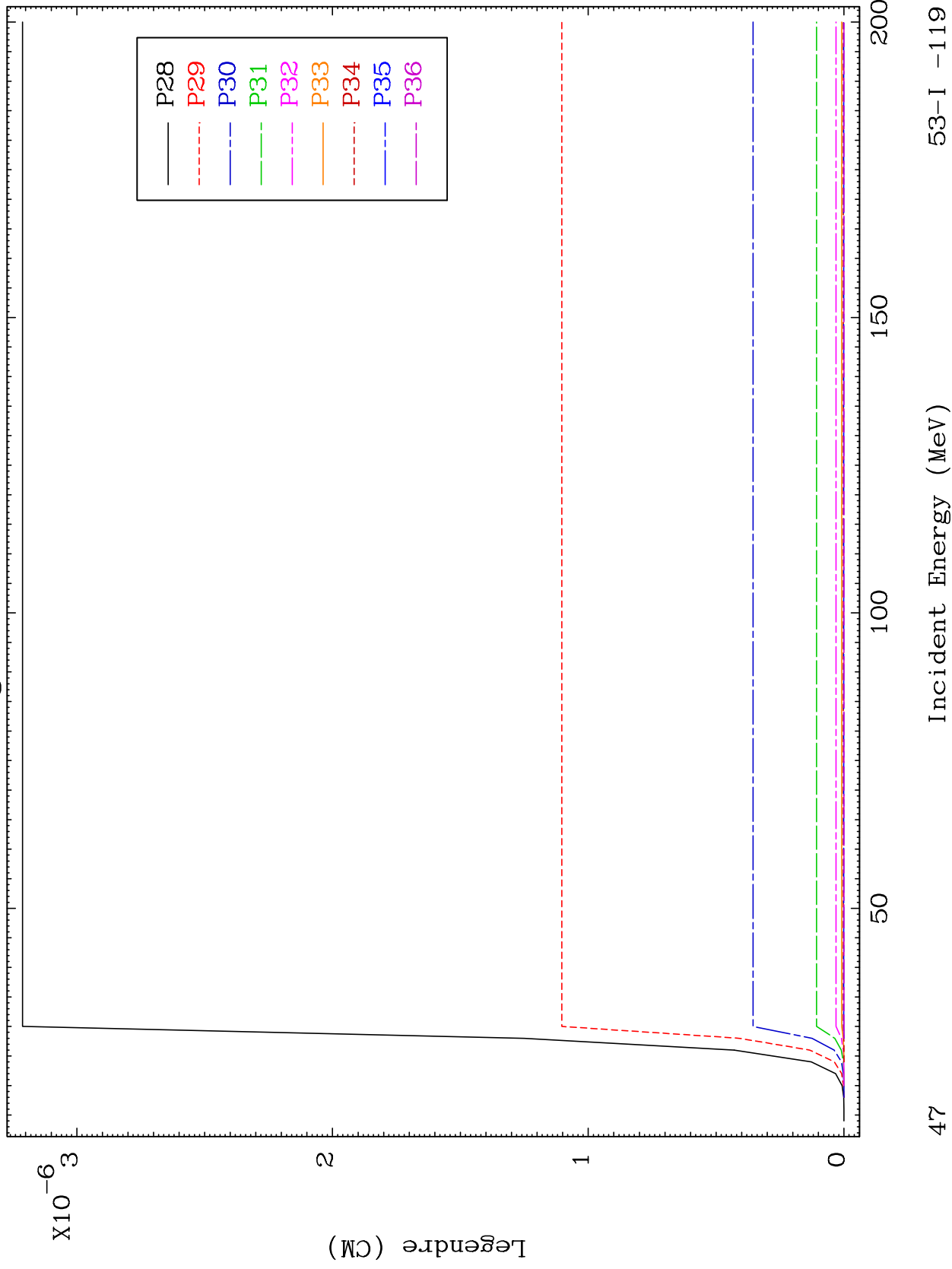


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Incident Energy (MeV)

53-I -119



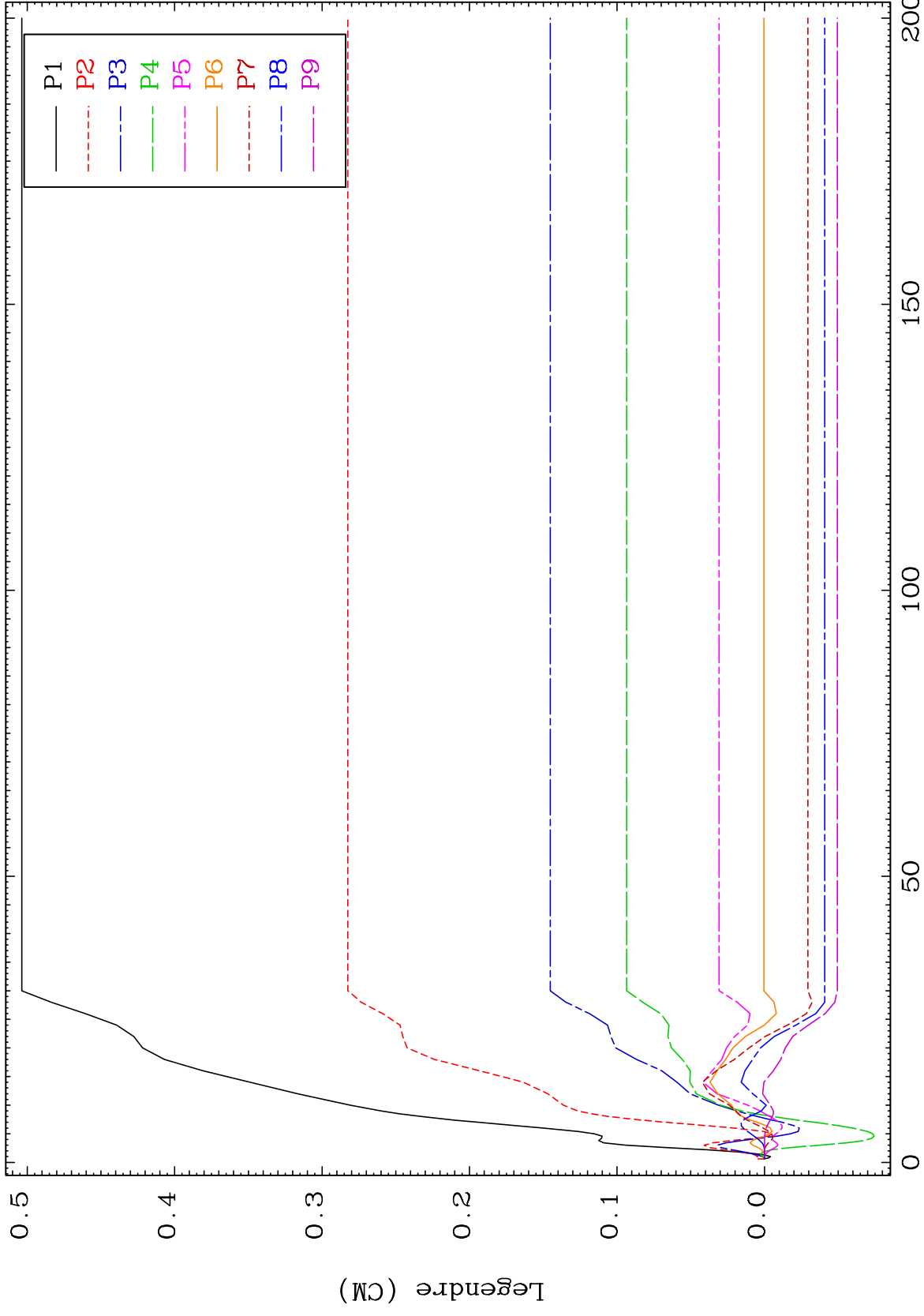


MAT 5301

MT= 58 (n,n') Level

53-I -119

Legendre Coefficients



48

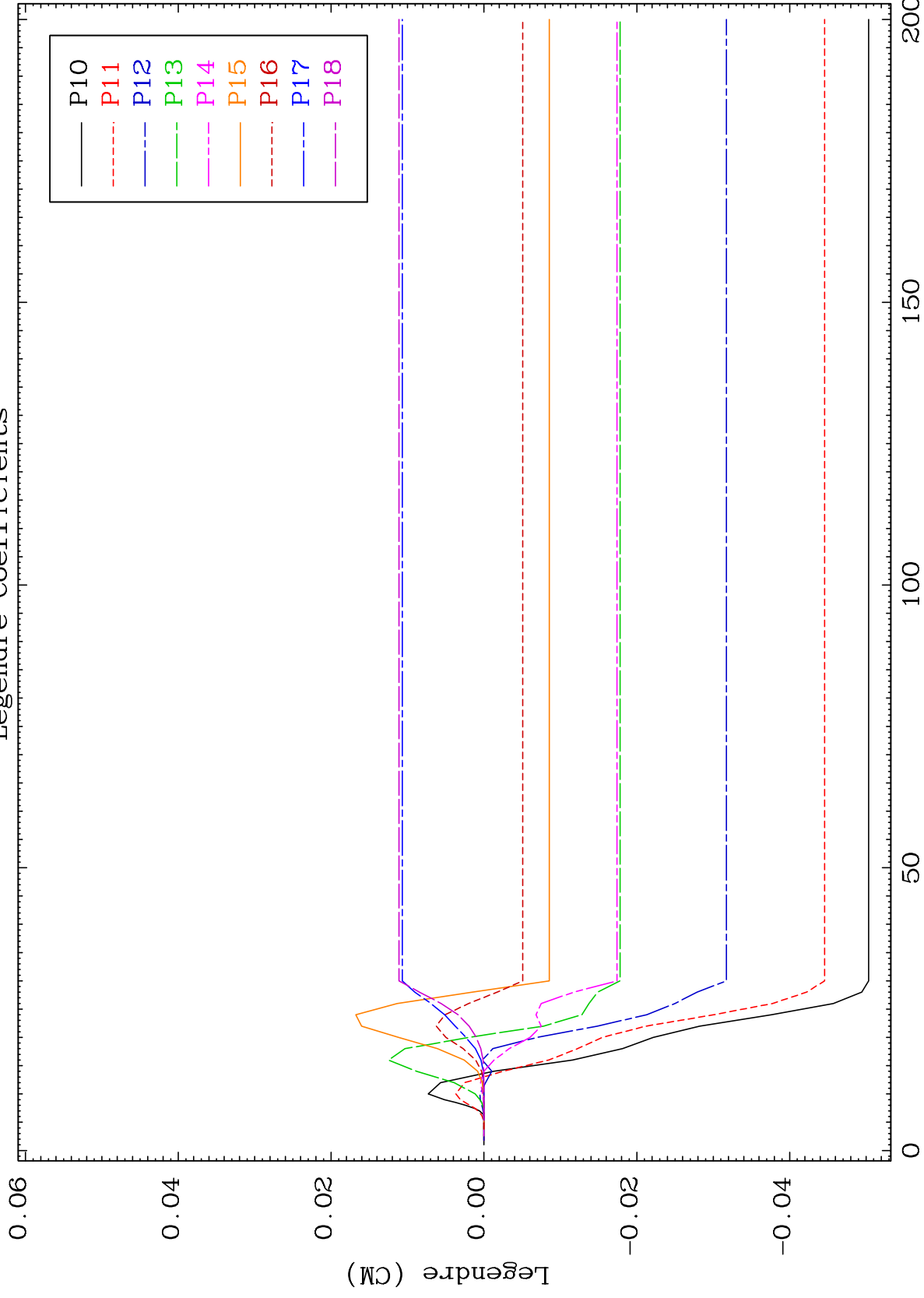
Incident Energy (MeV)

53-I -119

MAT 5301

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

53-I -119



49

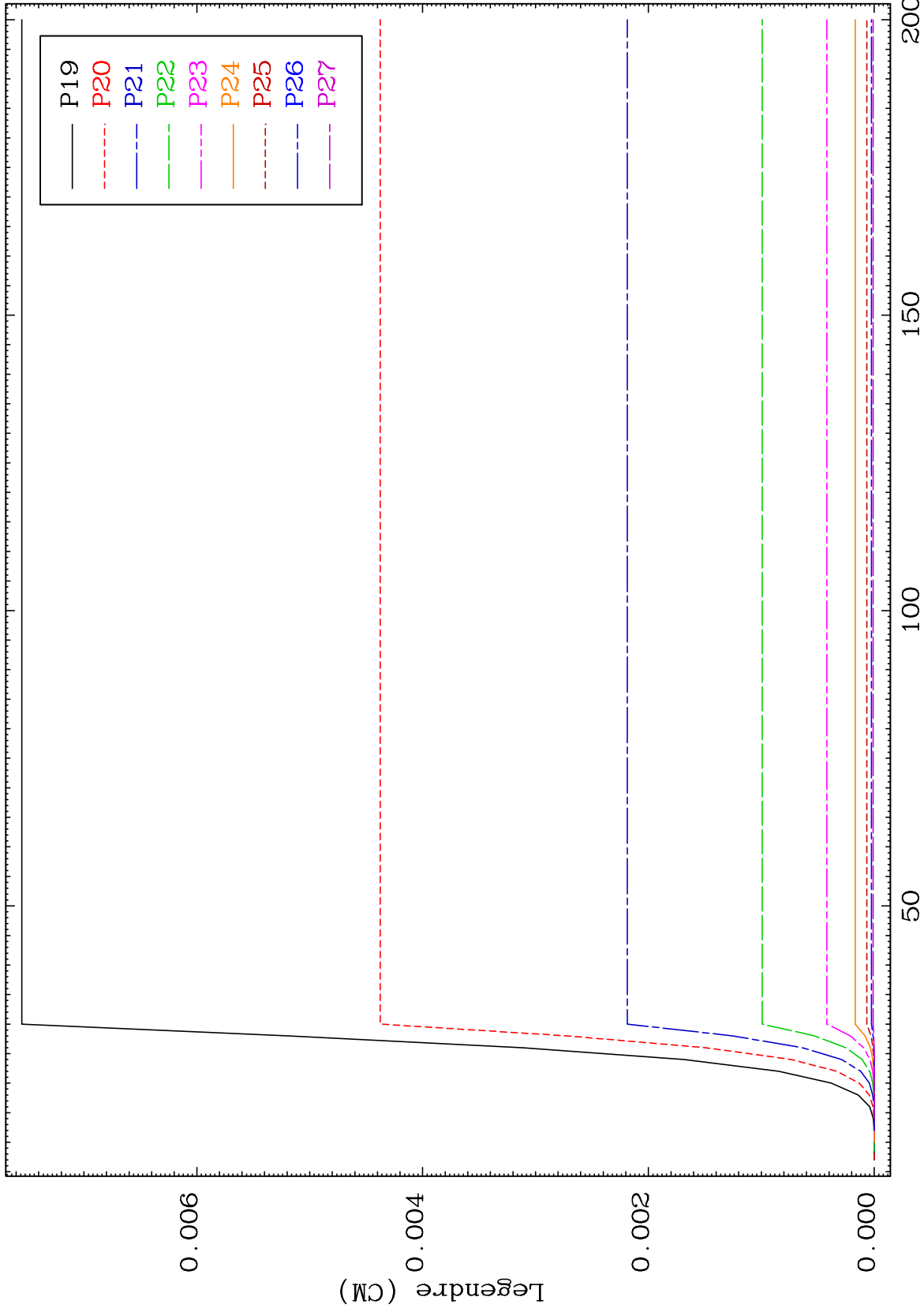
Incident Energy (MeV)

53-I -119

MAT 5301

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

53-I -119



50

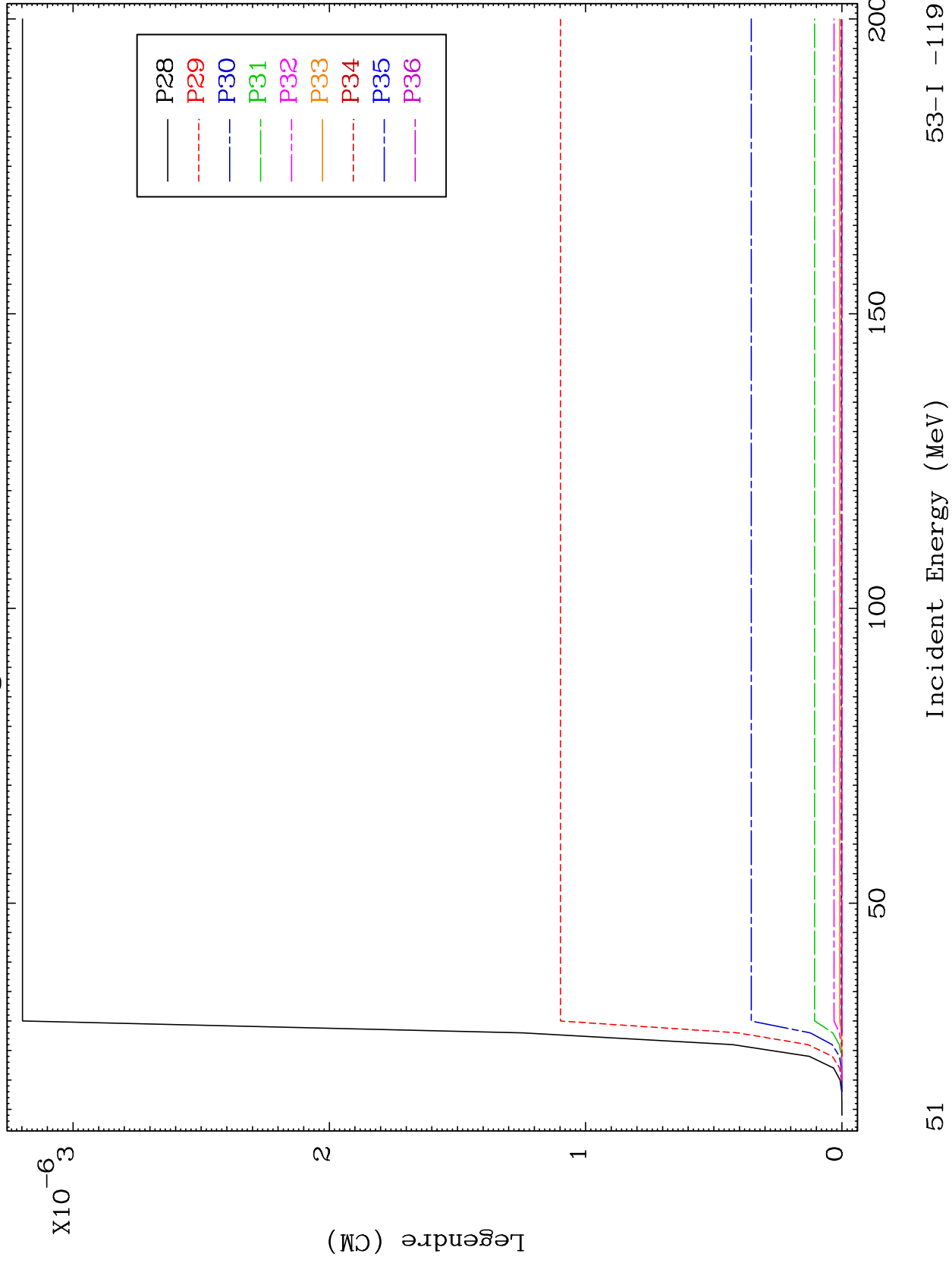
Incident Energy (MeV)

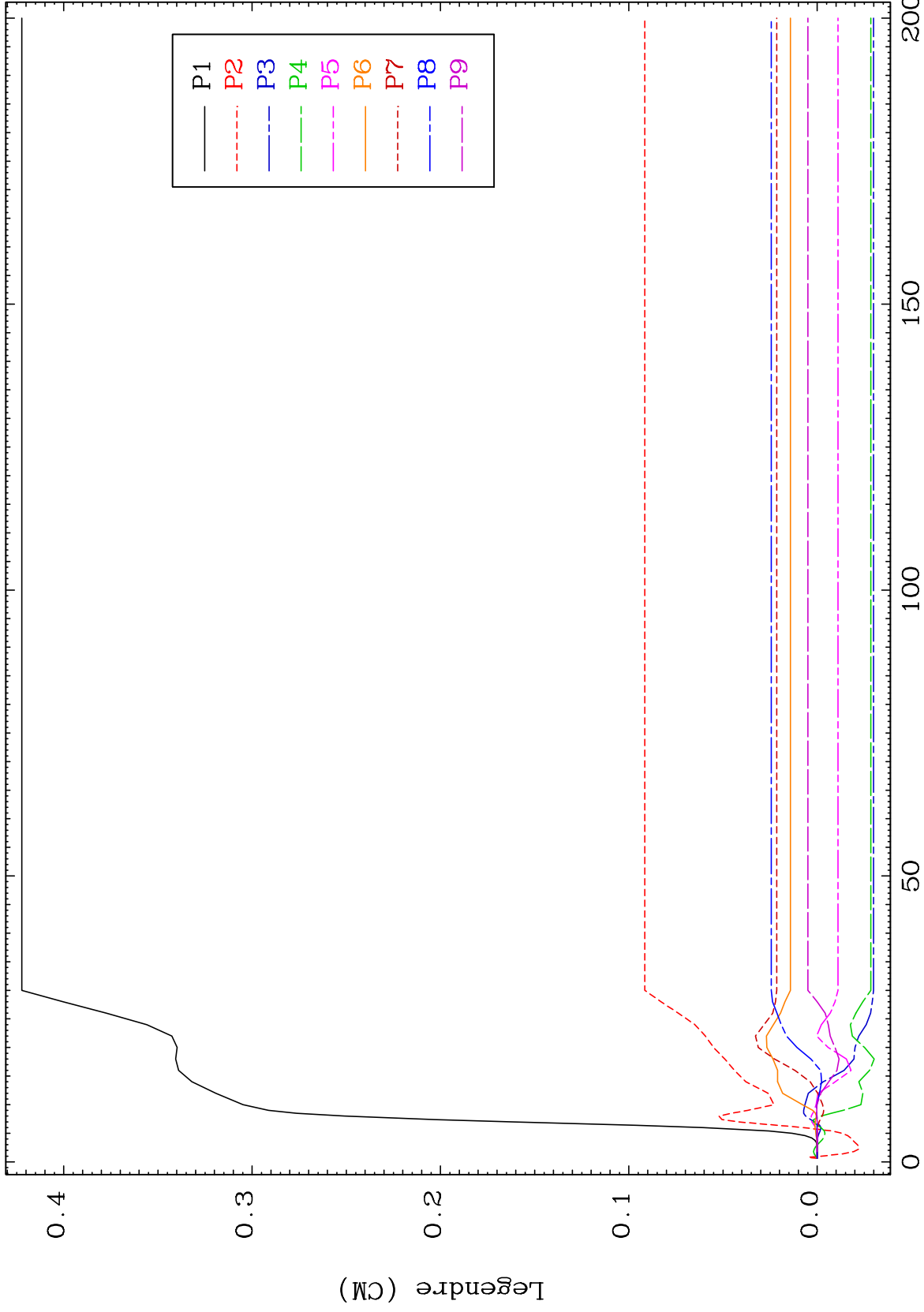
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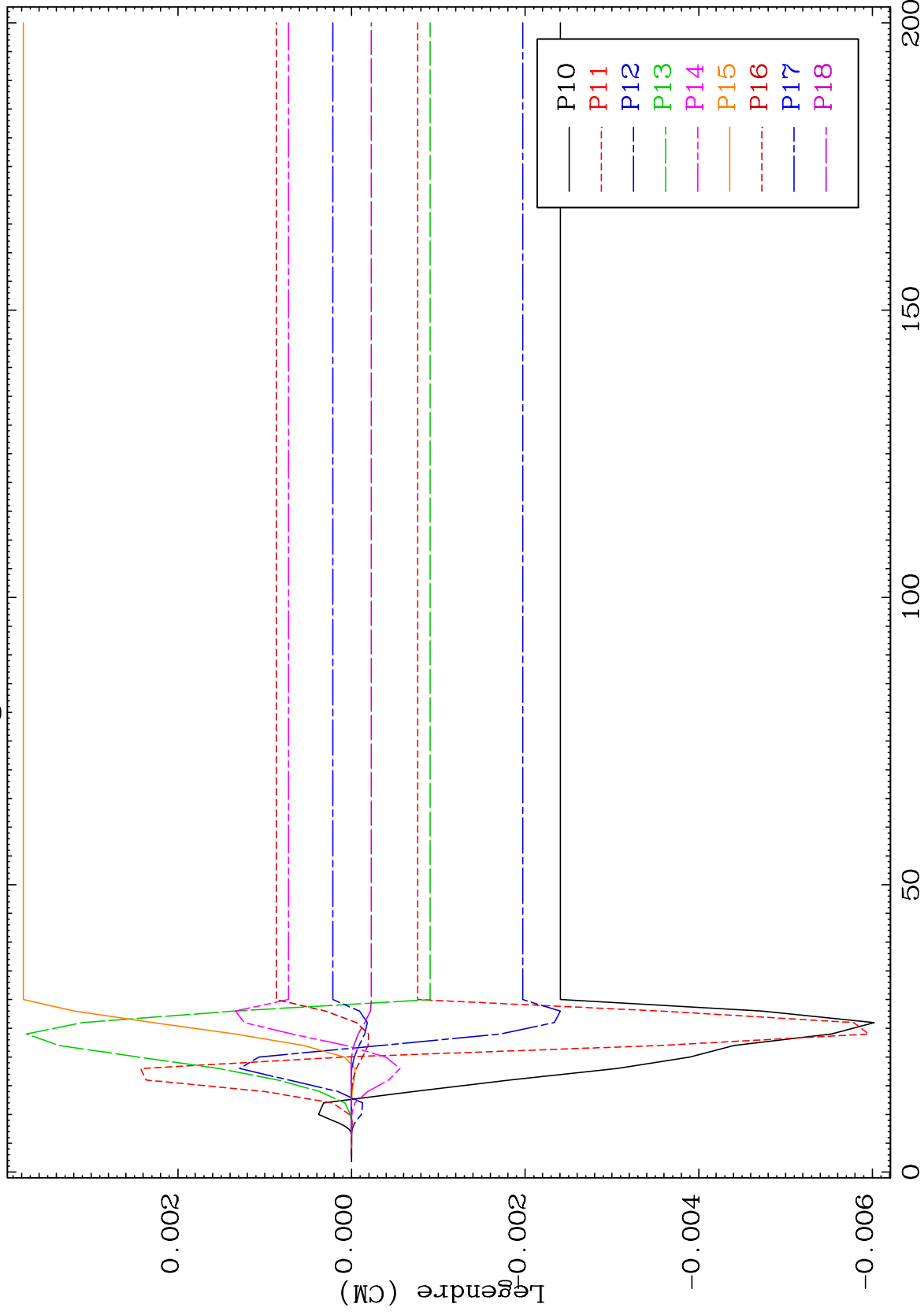
MAT 5301

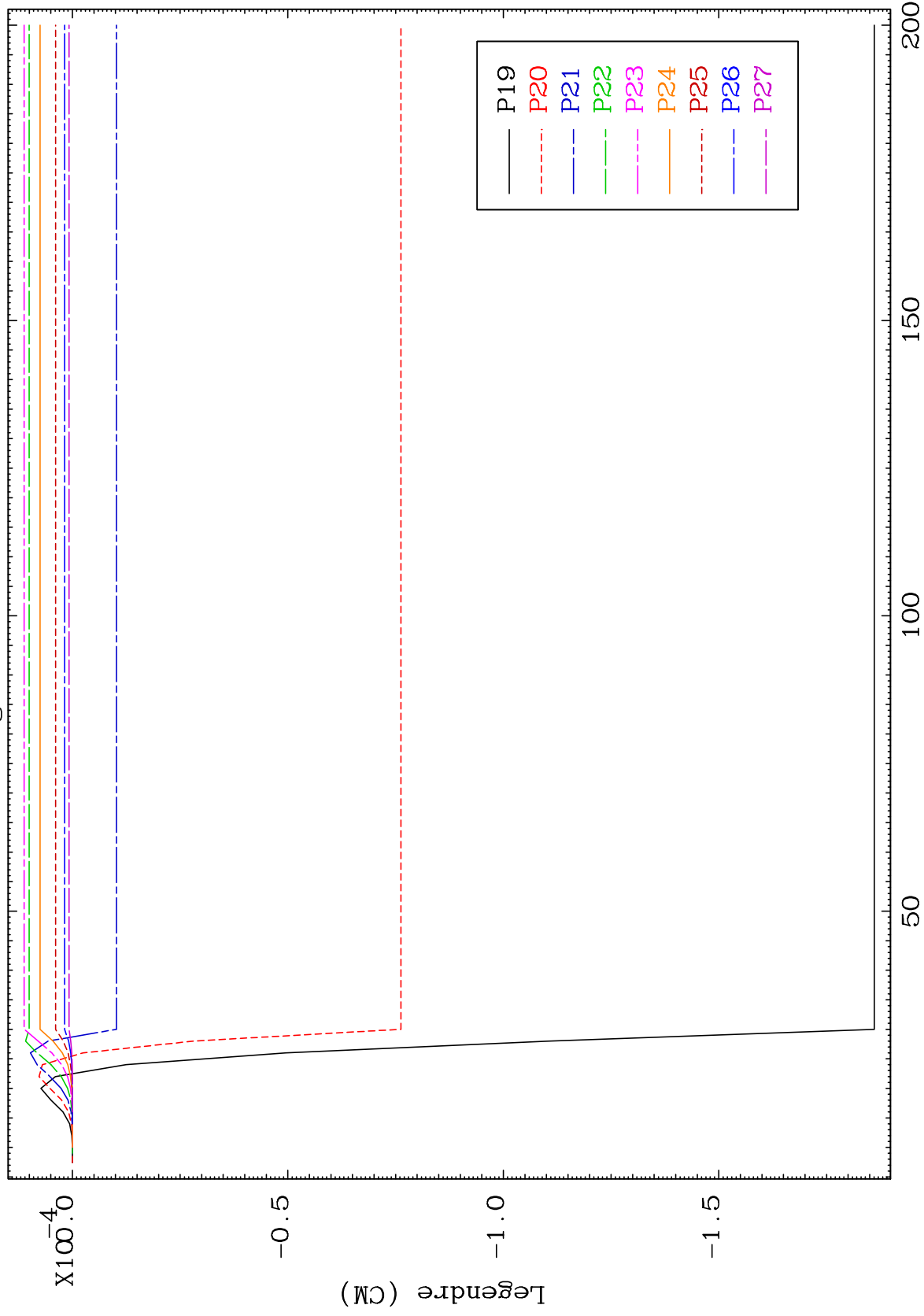
MT= 58 (n,n') Level
Legendre Coefficients

53-I -119





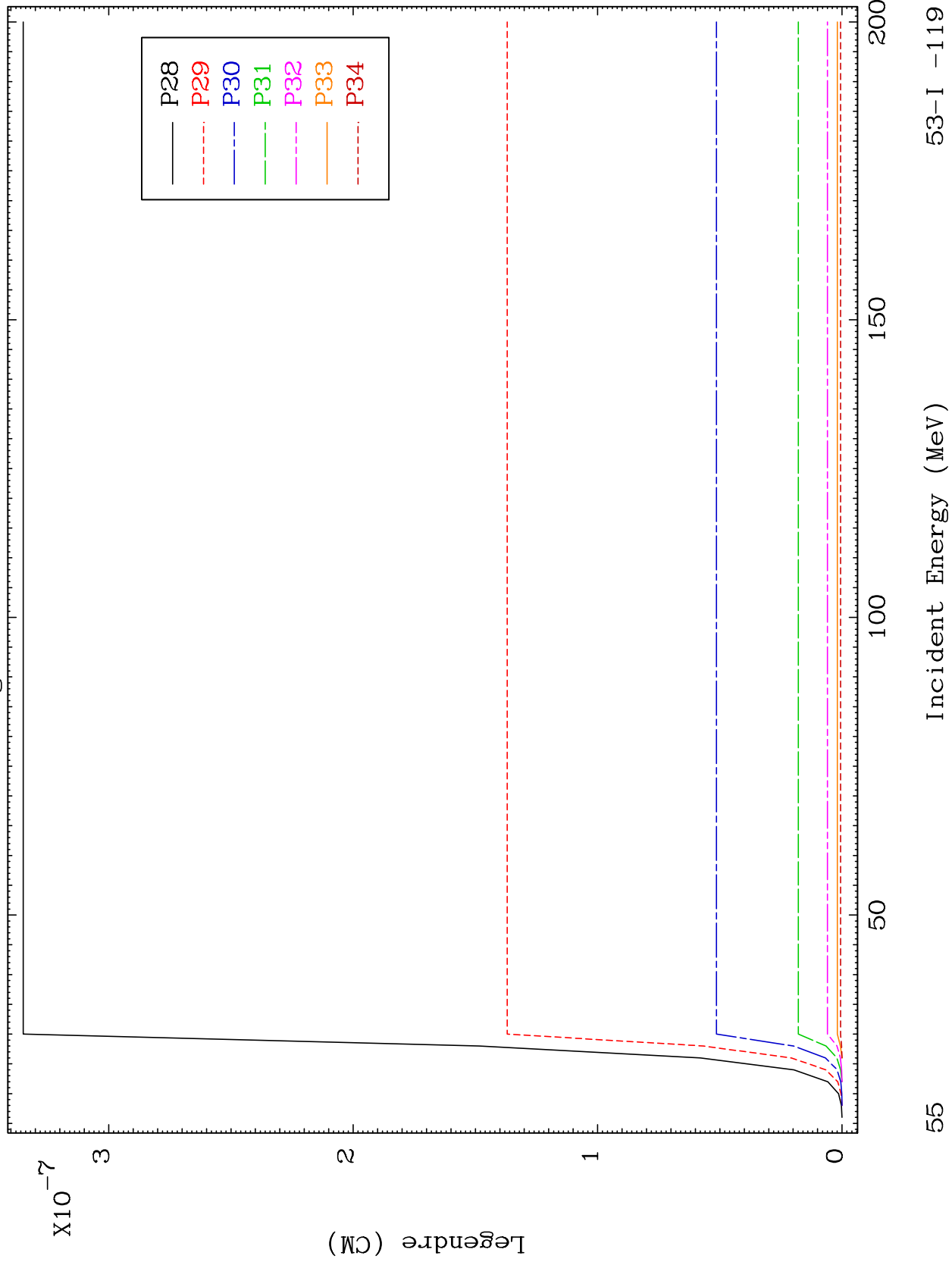


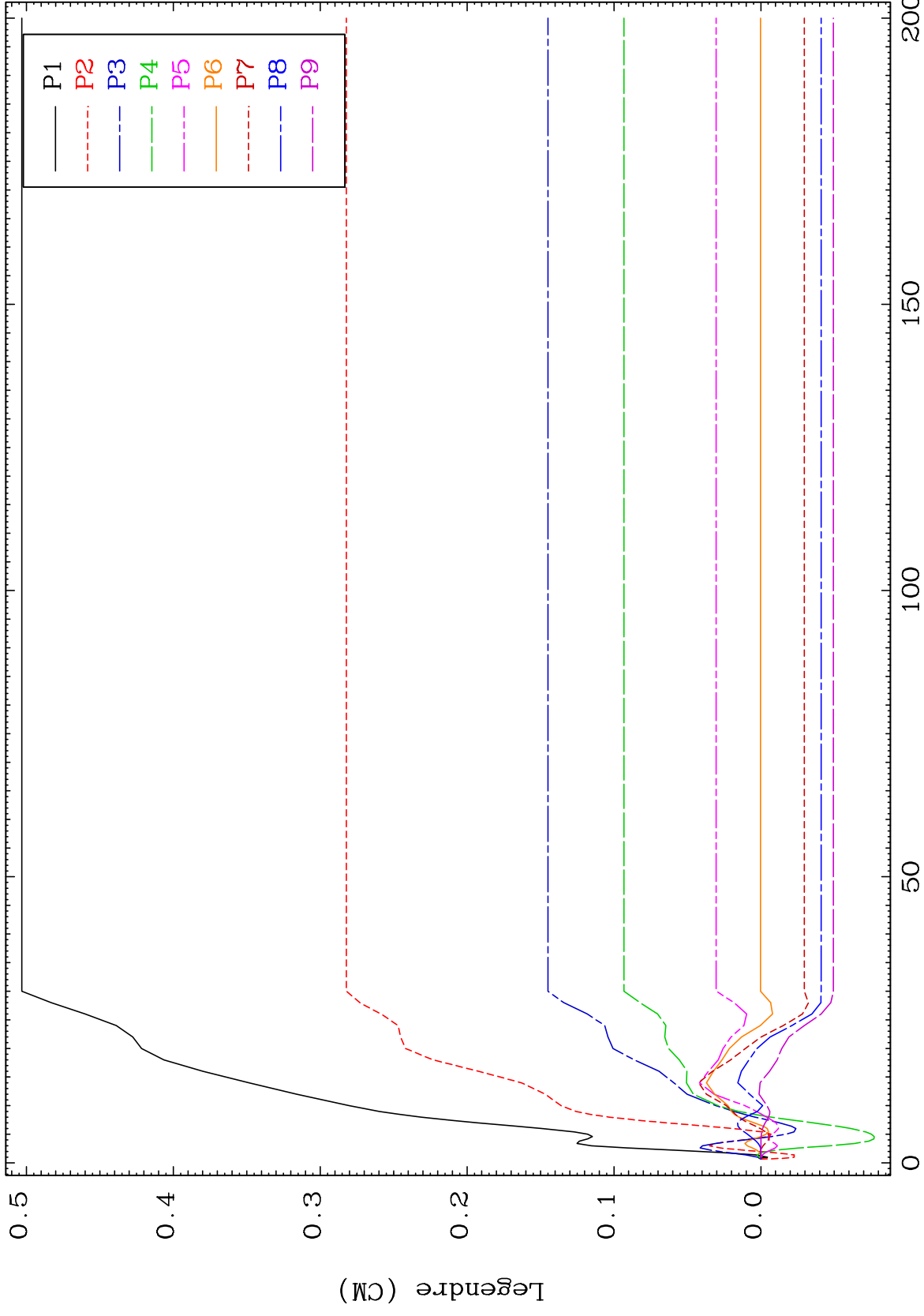


MAT 5301

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

53-I -119

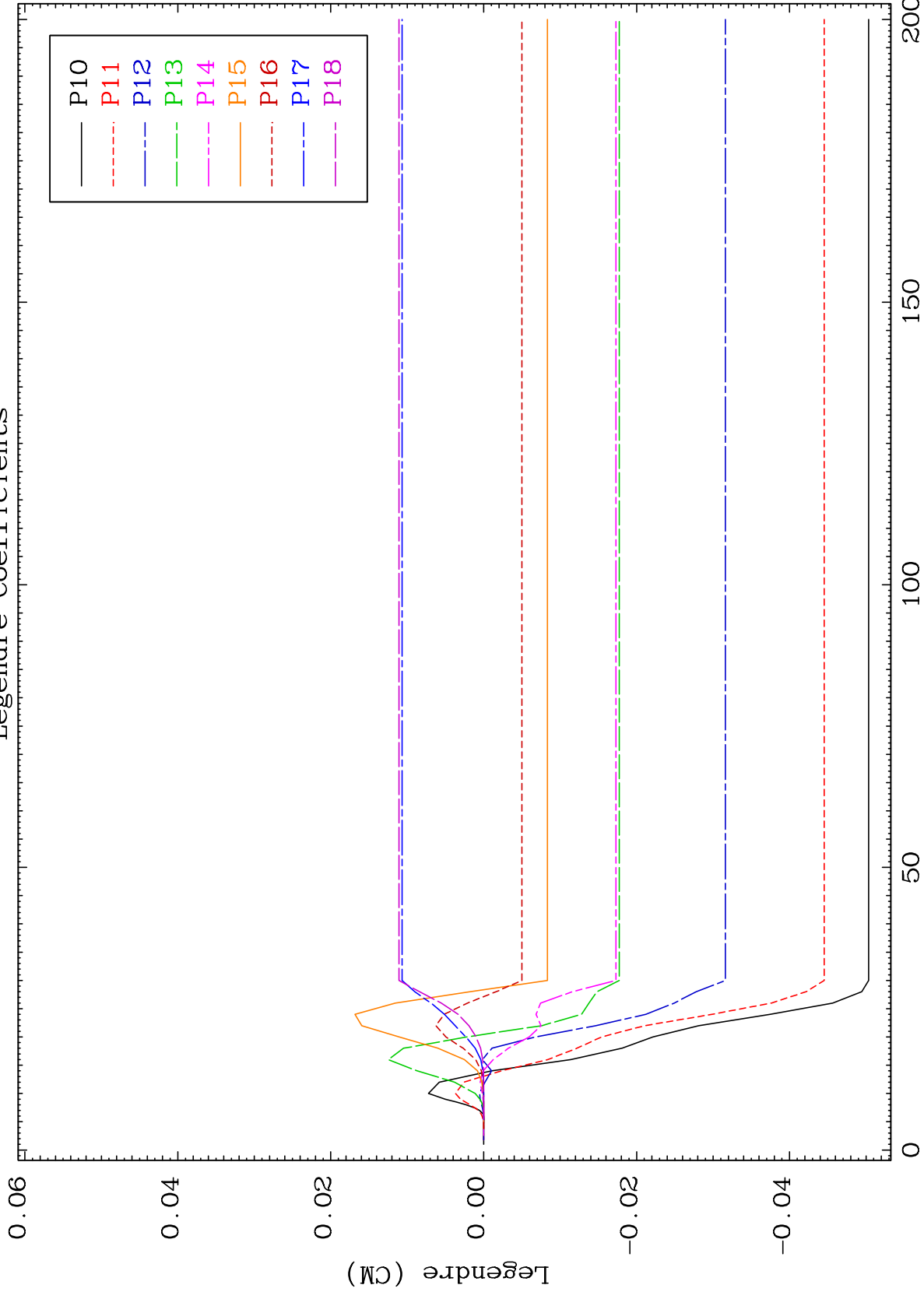




MAT 5301

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

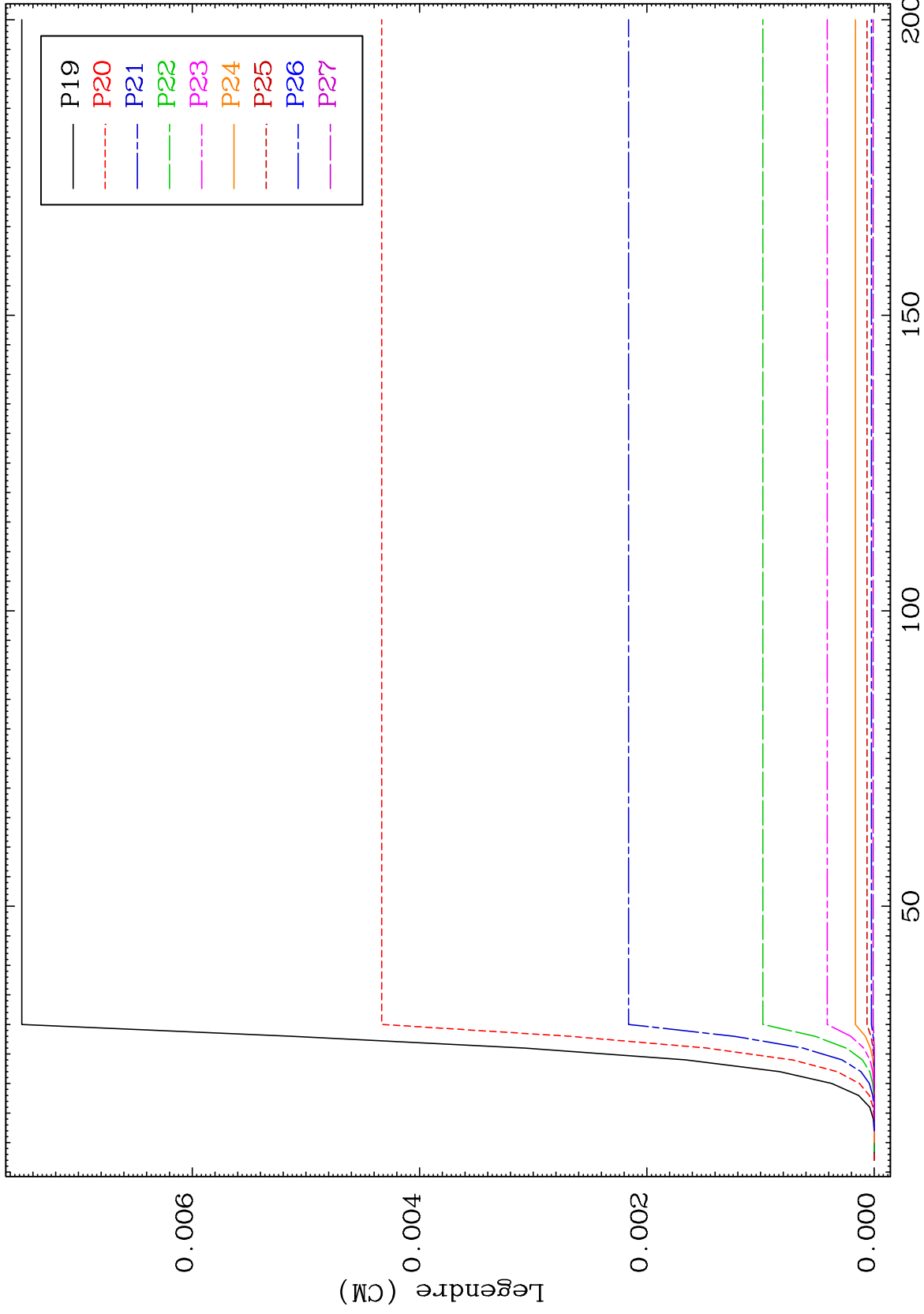
53-I -119



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Incident Energy (MeV)

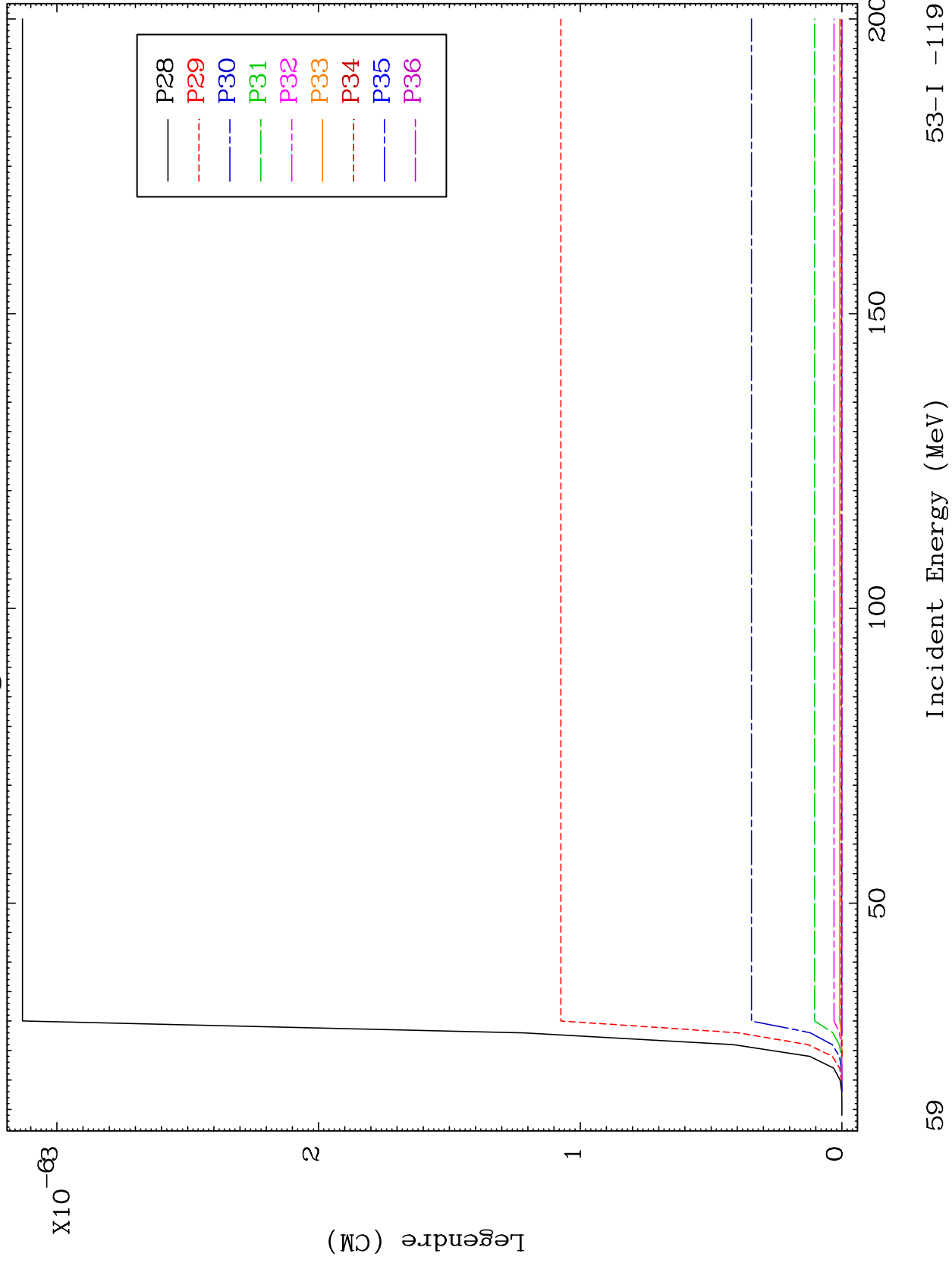
53-I -119



MAT 5301

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

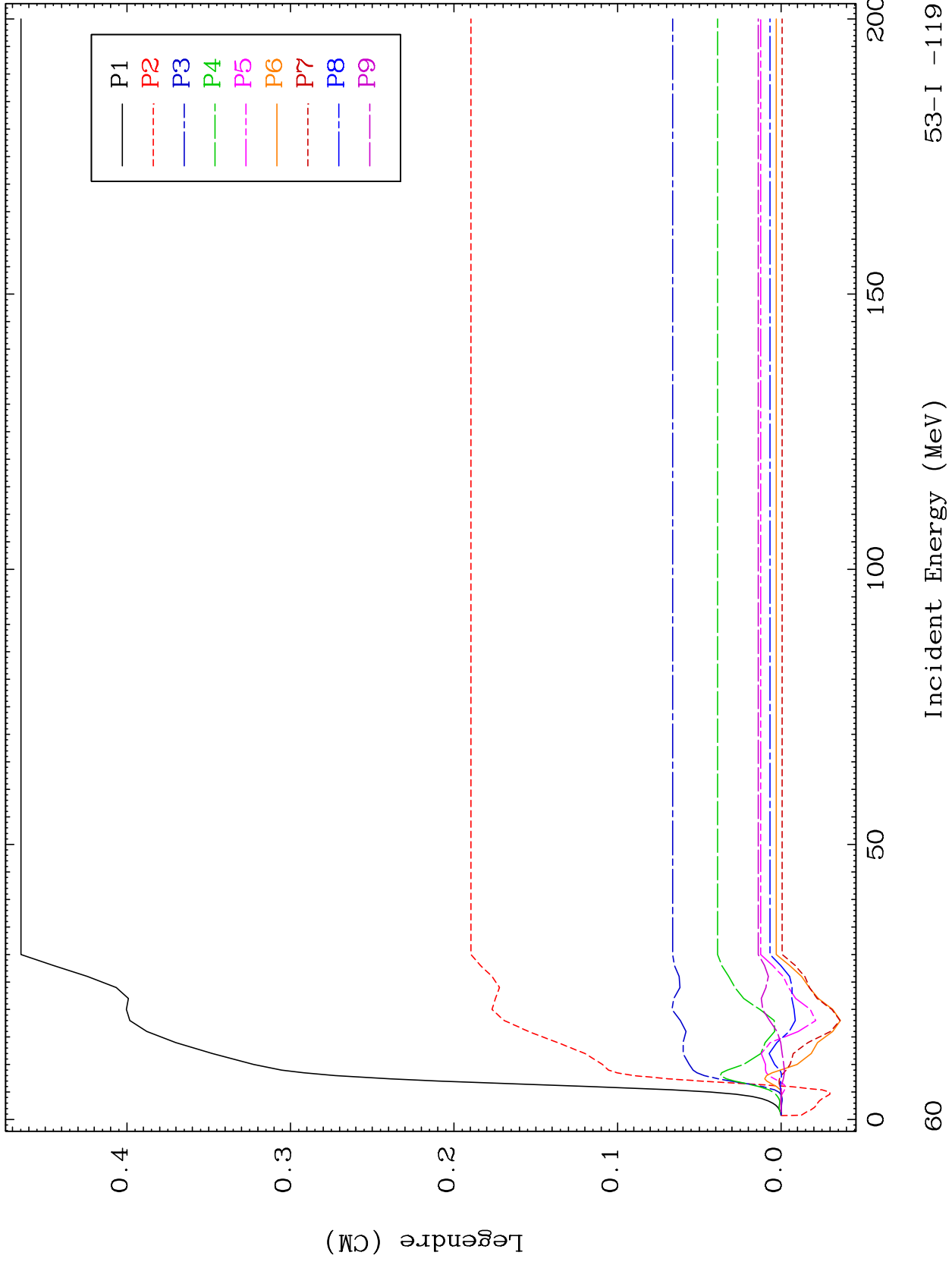
53-I -119



MAT 5301

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

53-I -119

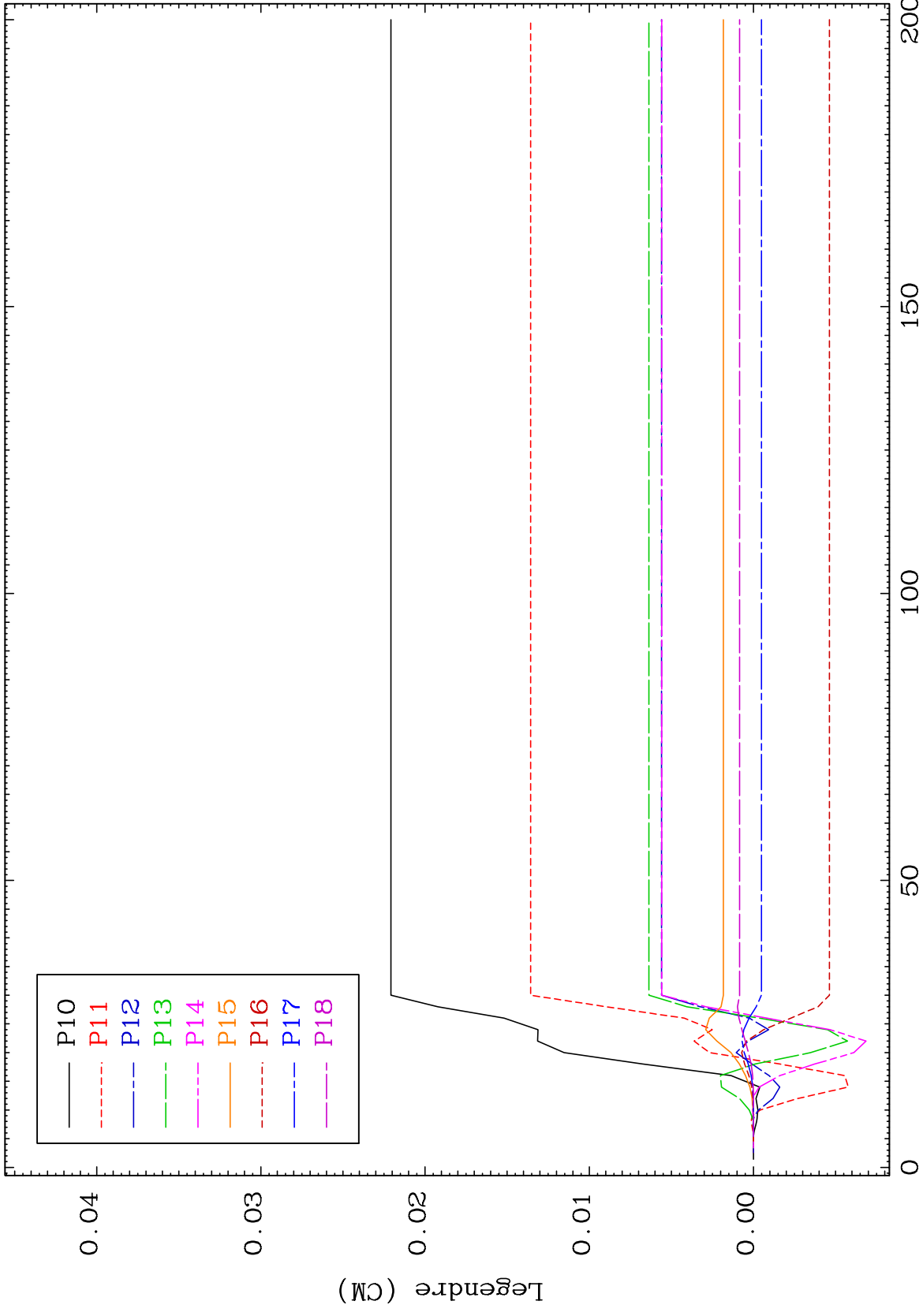


53-I -119

MAT 5301

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

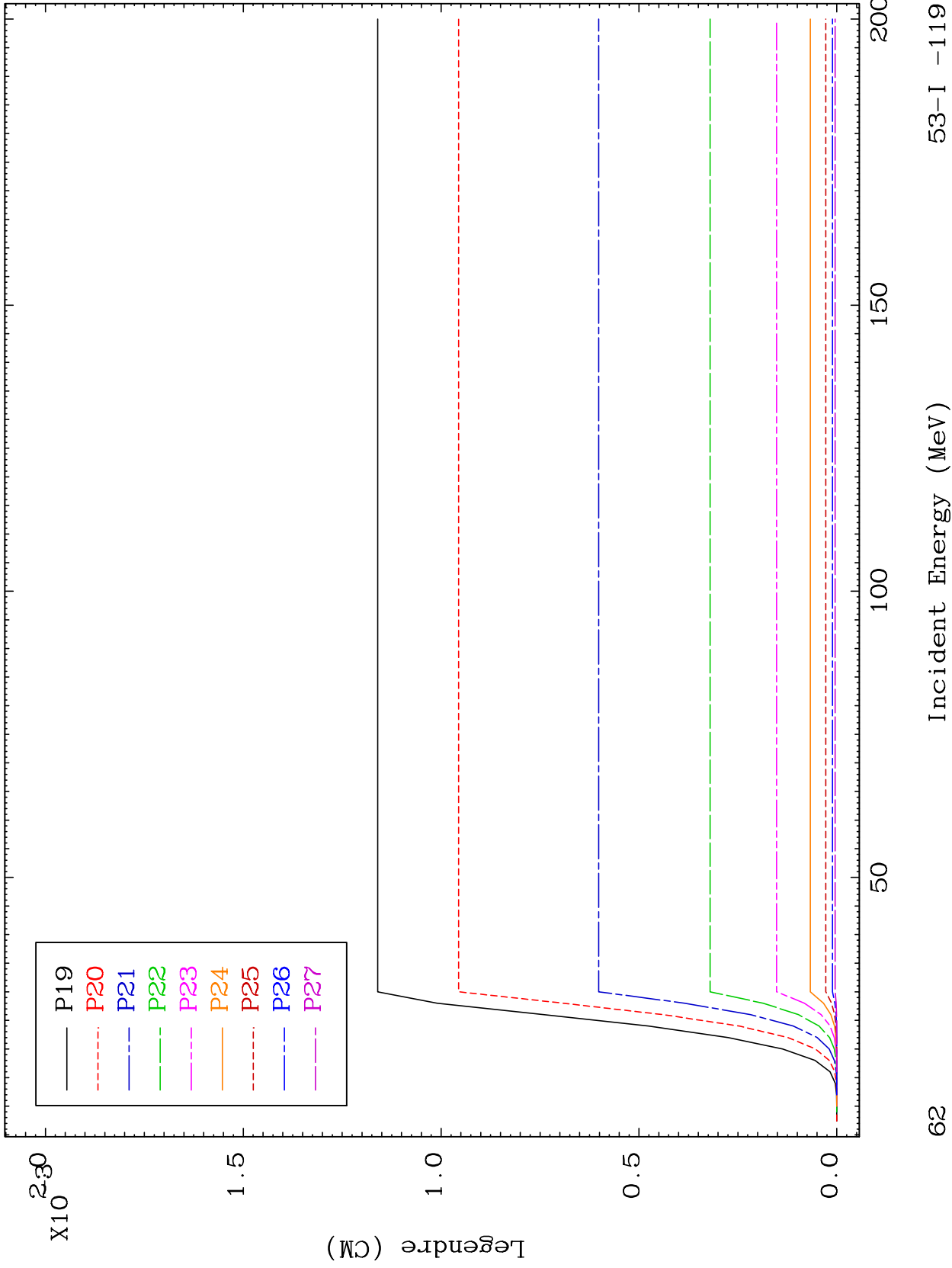
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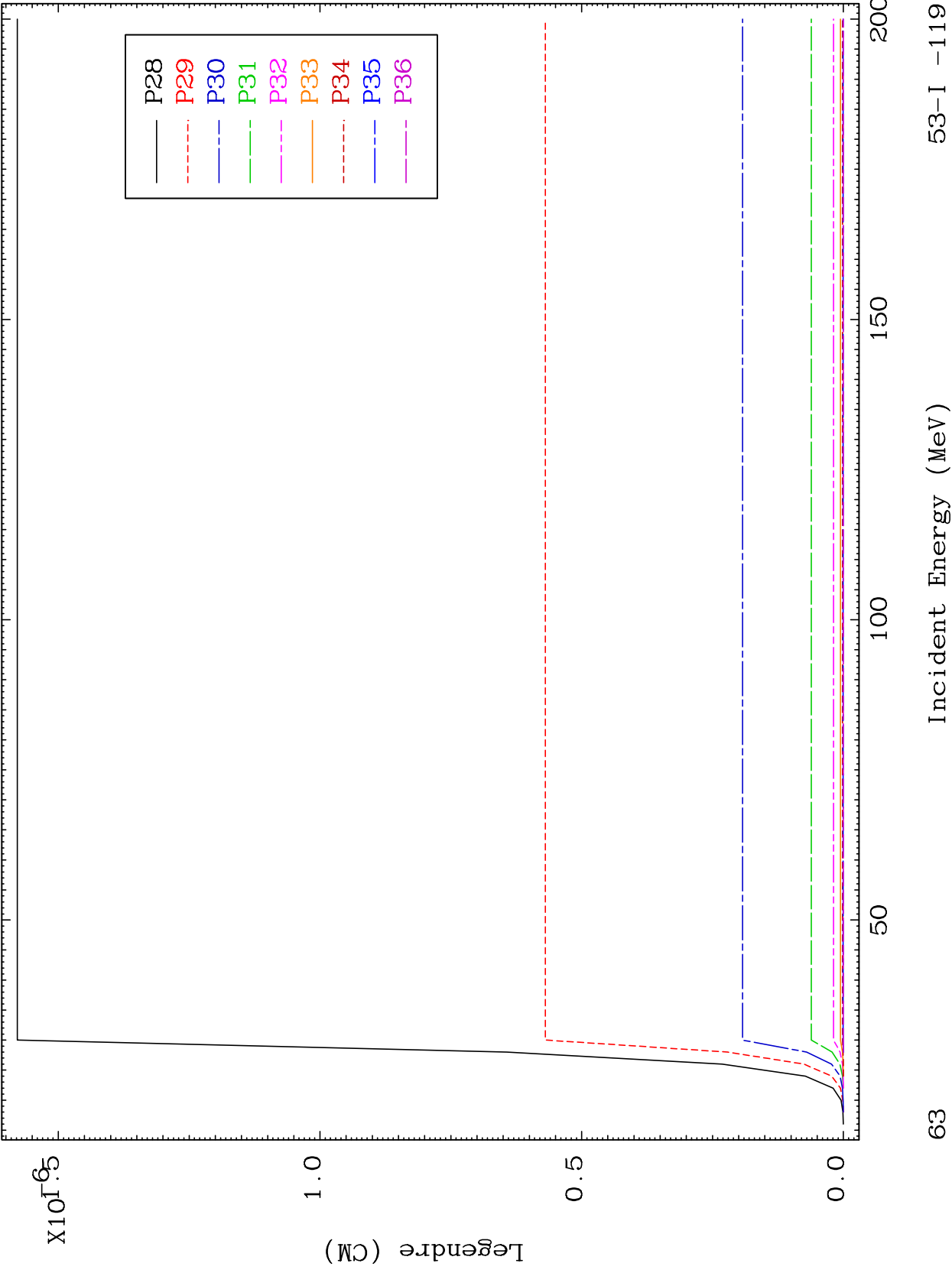


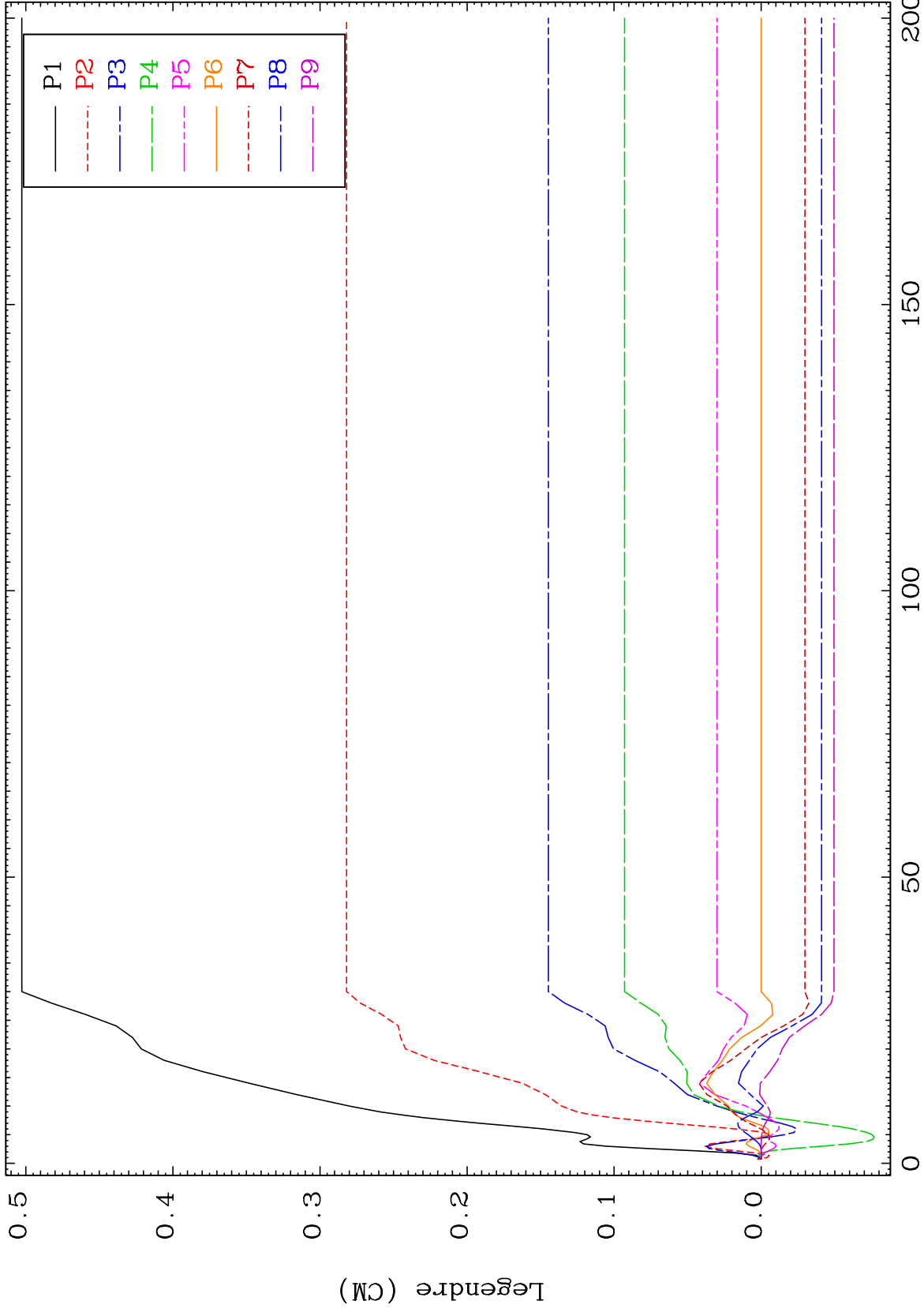
61

Incident Energy (MeV)

53-I -119



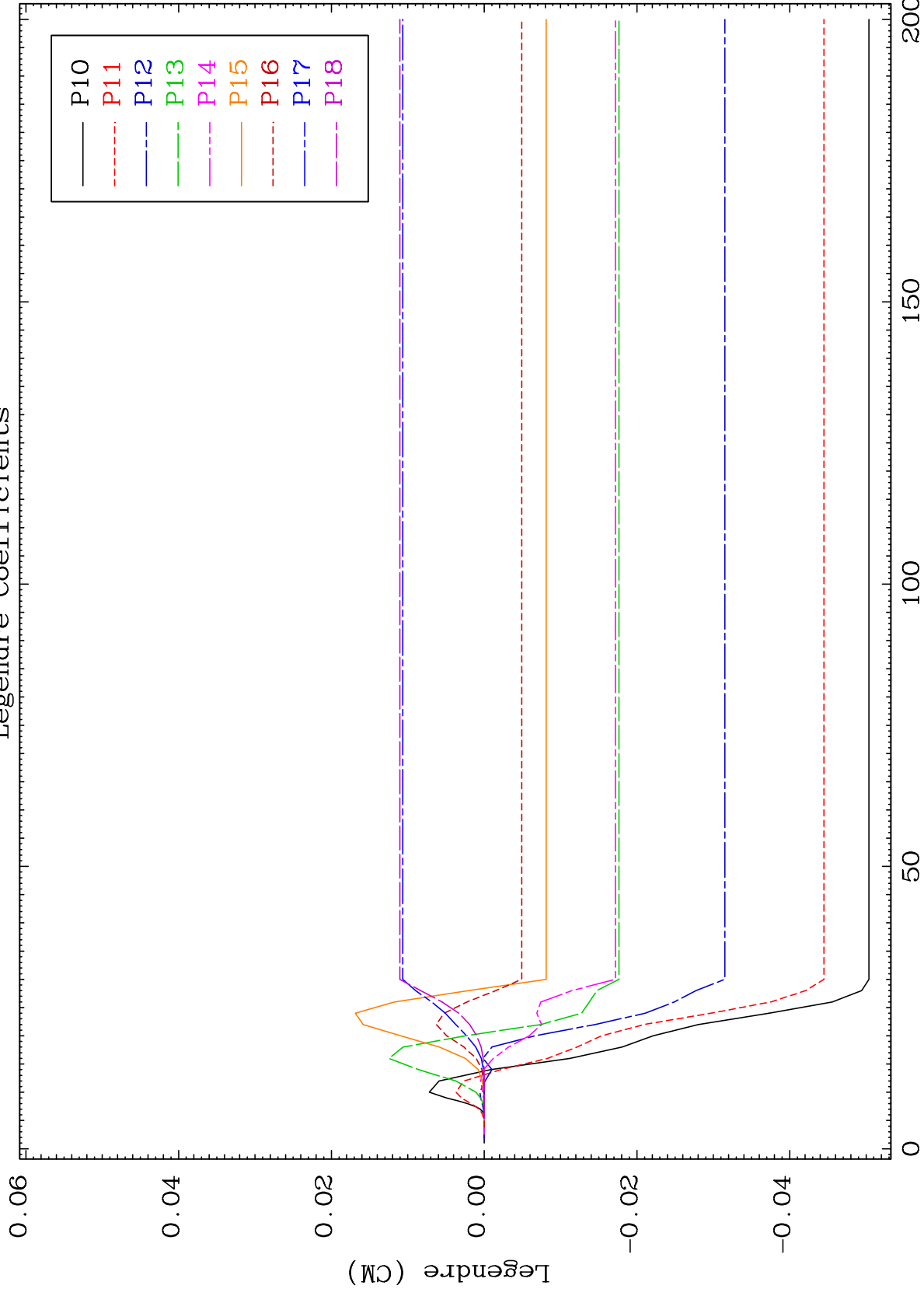




MAT 5301

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

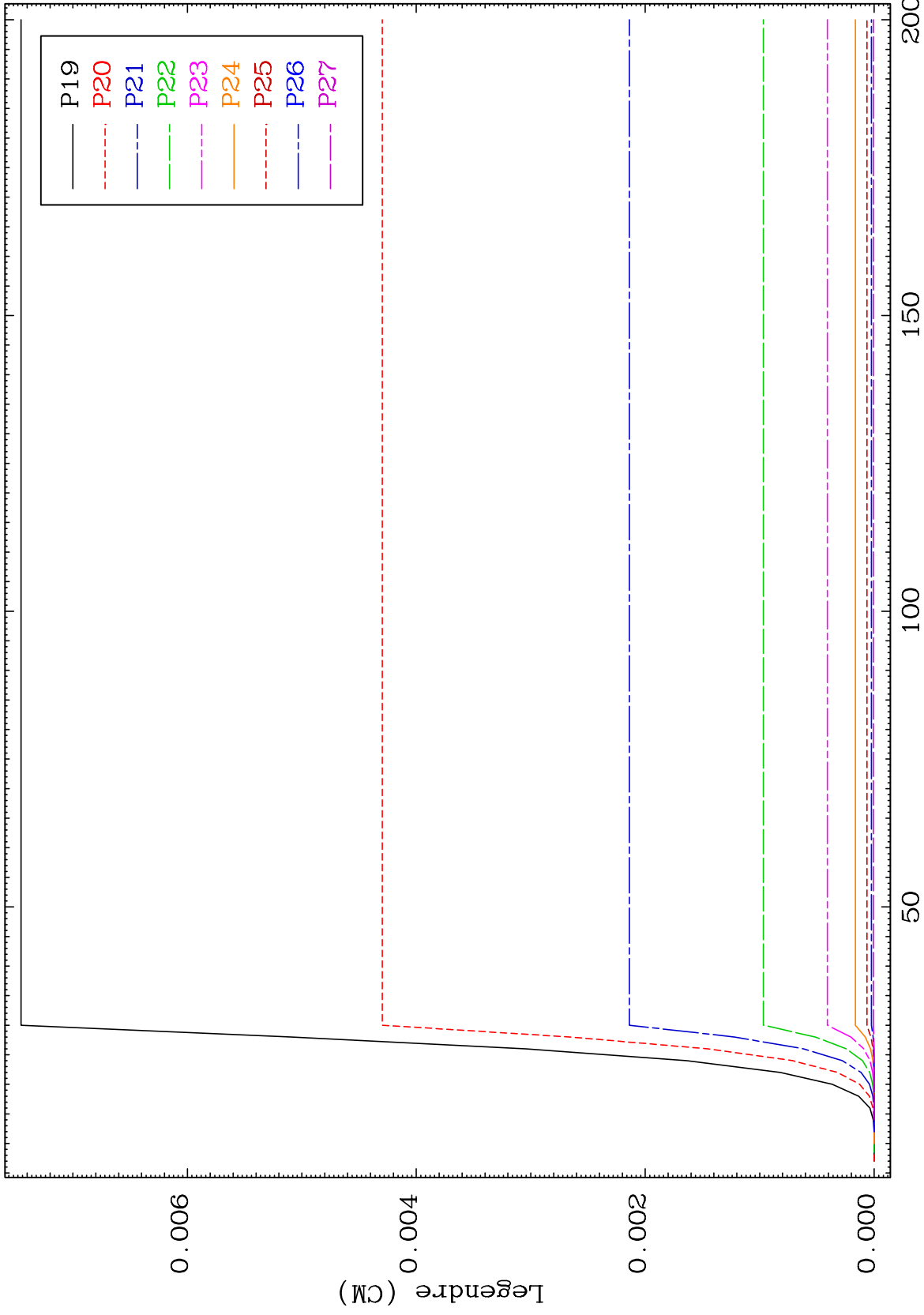
53-I -119



65

Incident Energy (MeV)

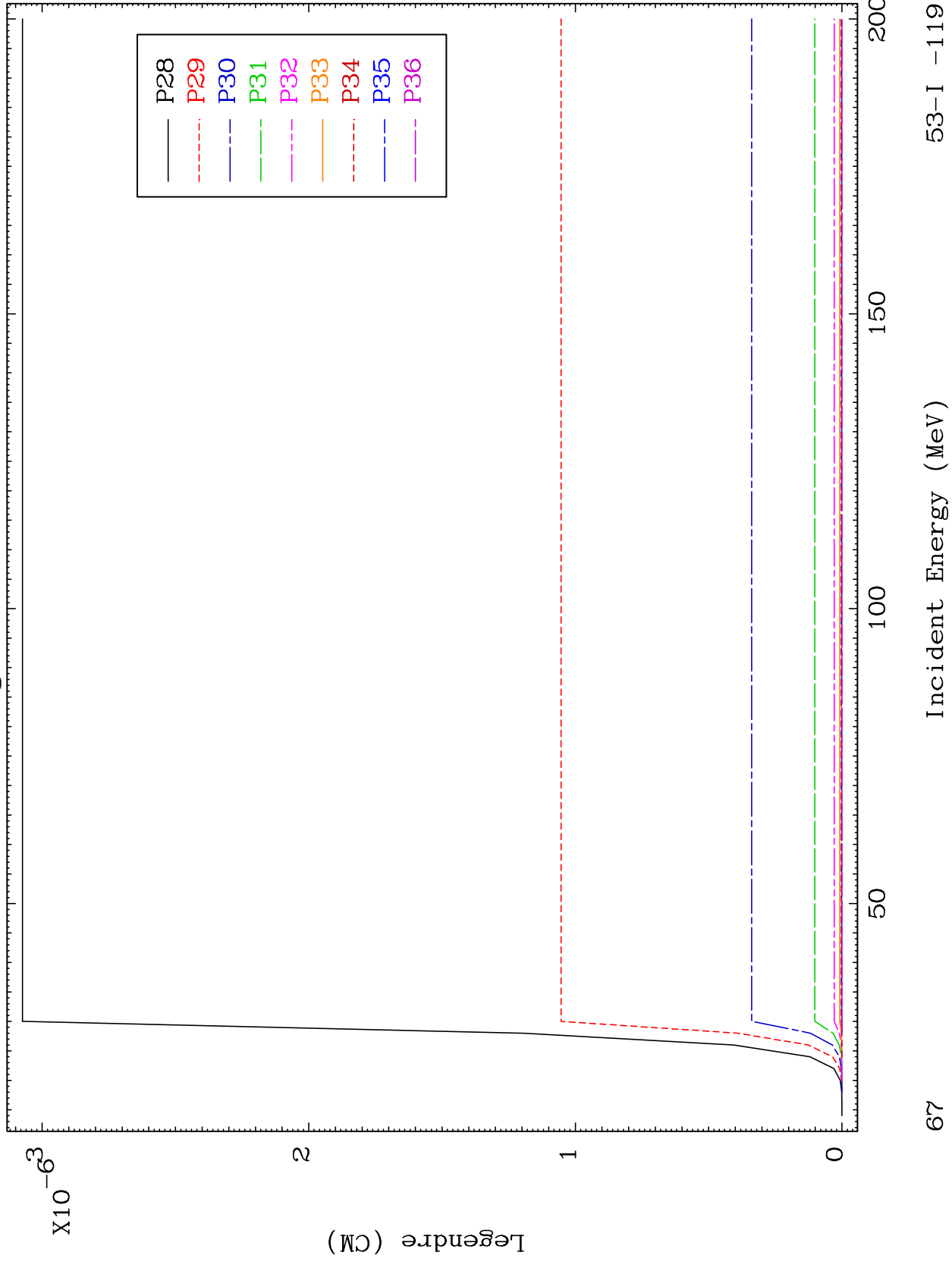
53-I -119



MAT 5301

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

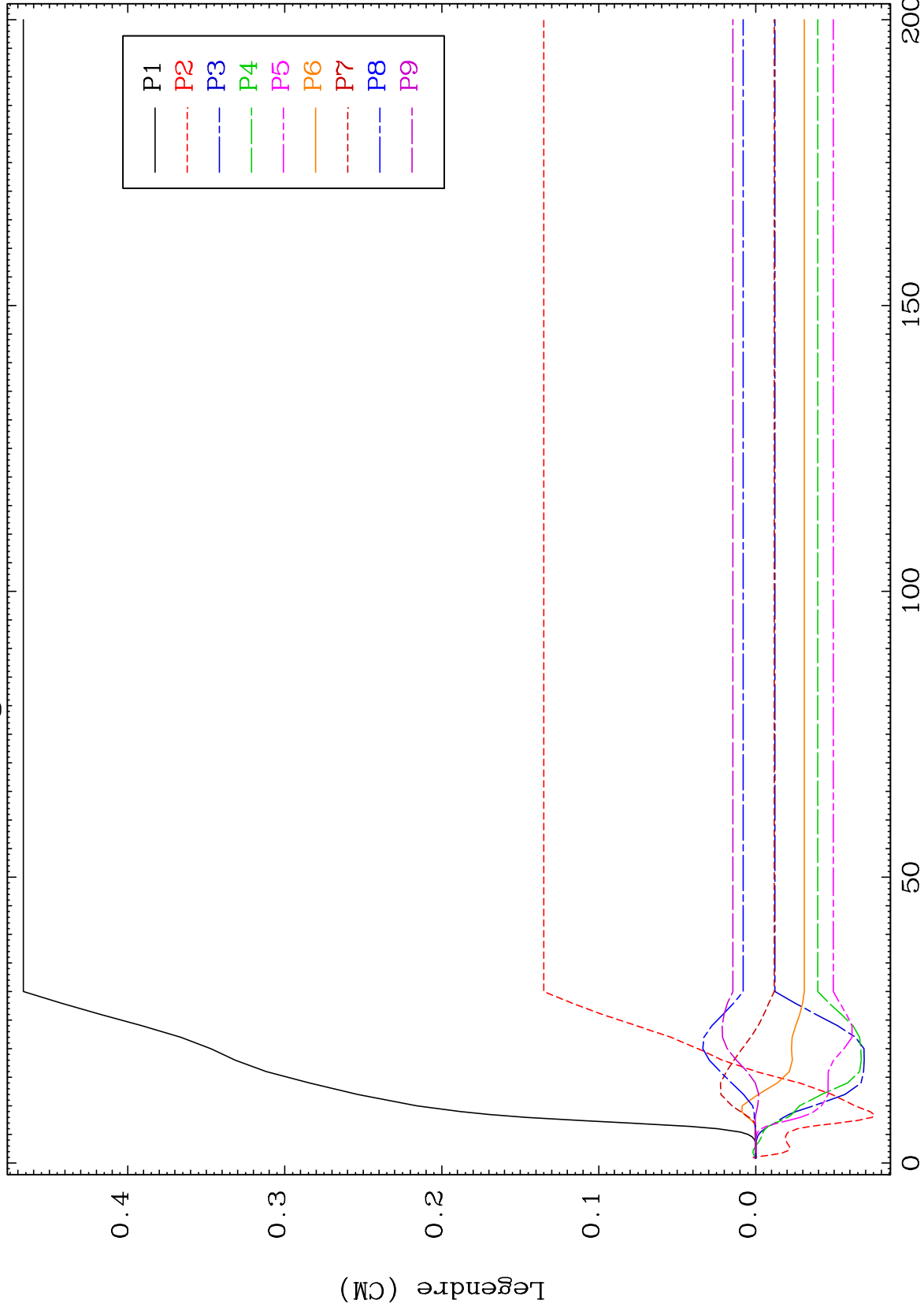
53-I -119

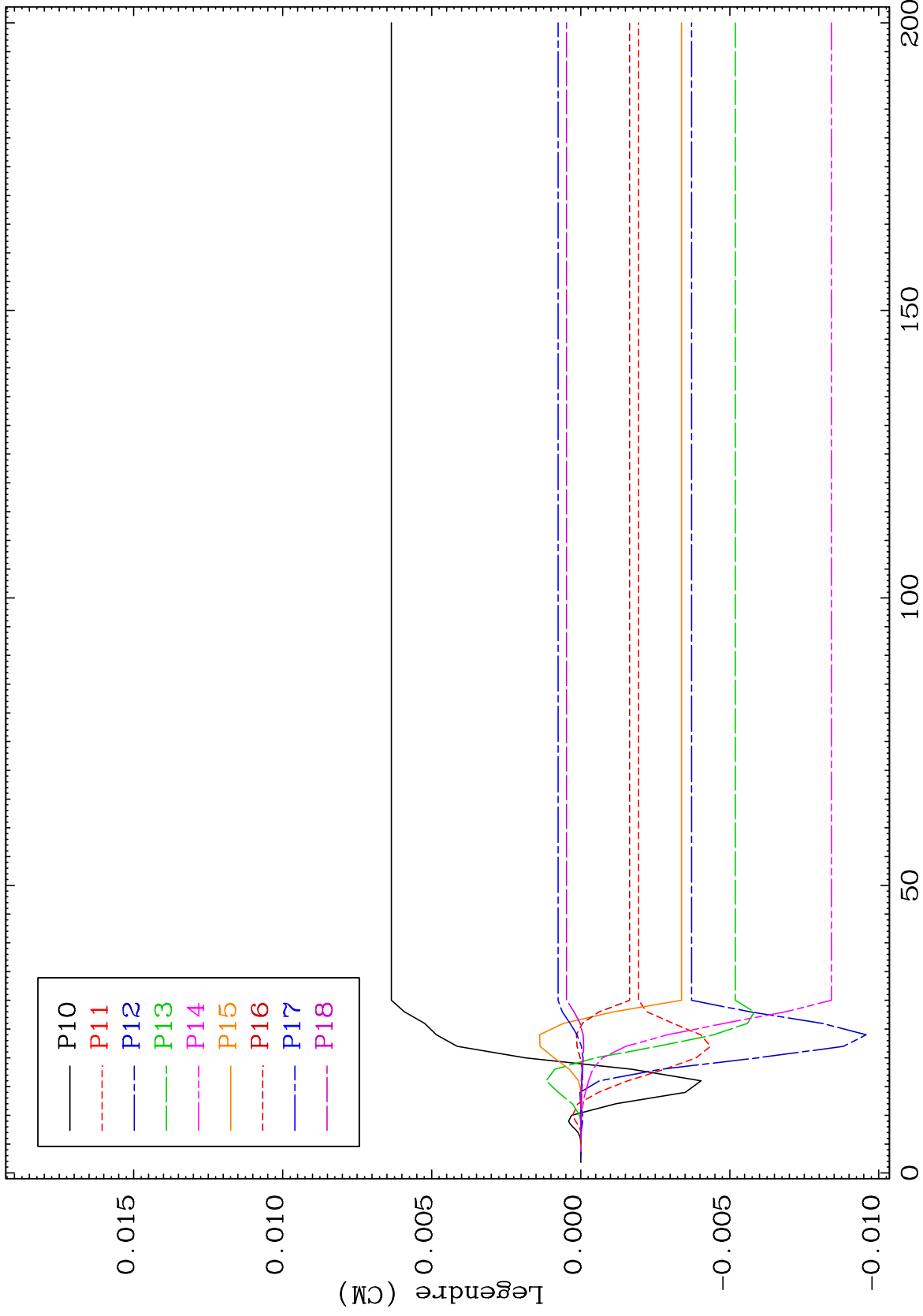


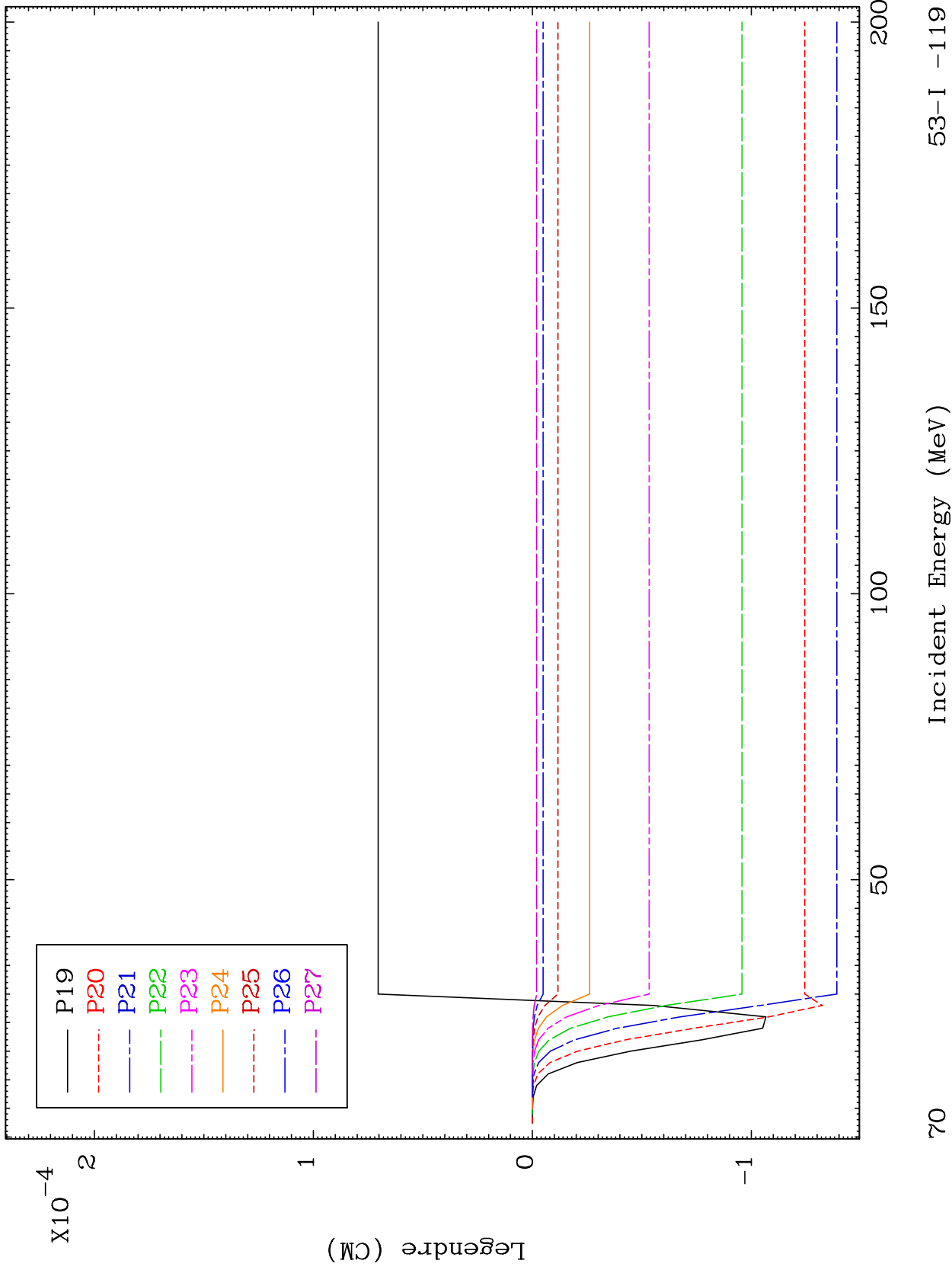
67

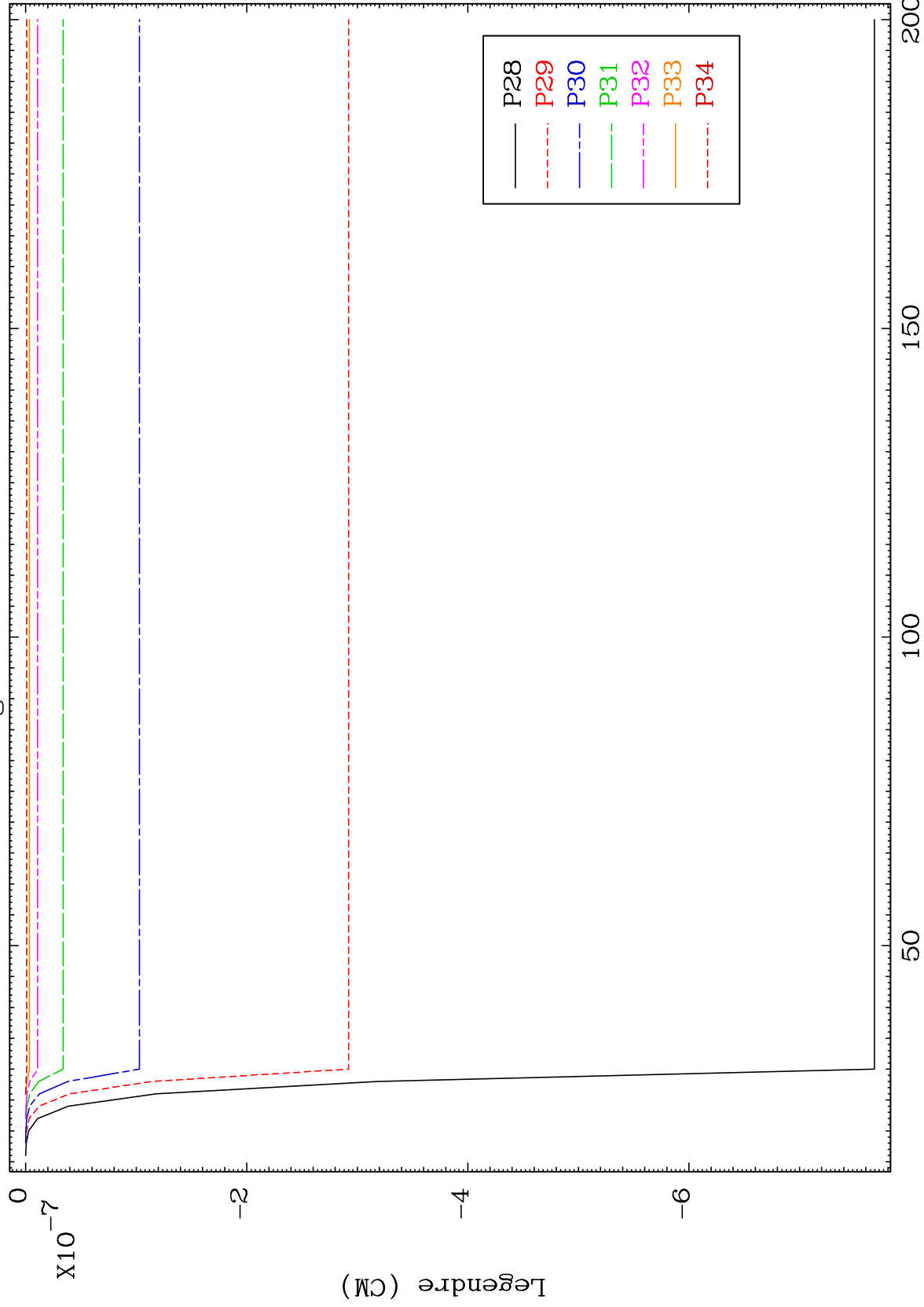
Incident Energy (MeV)

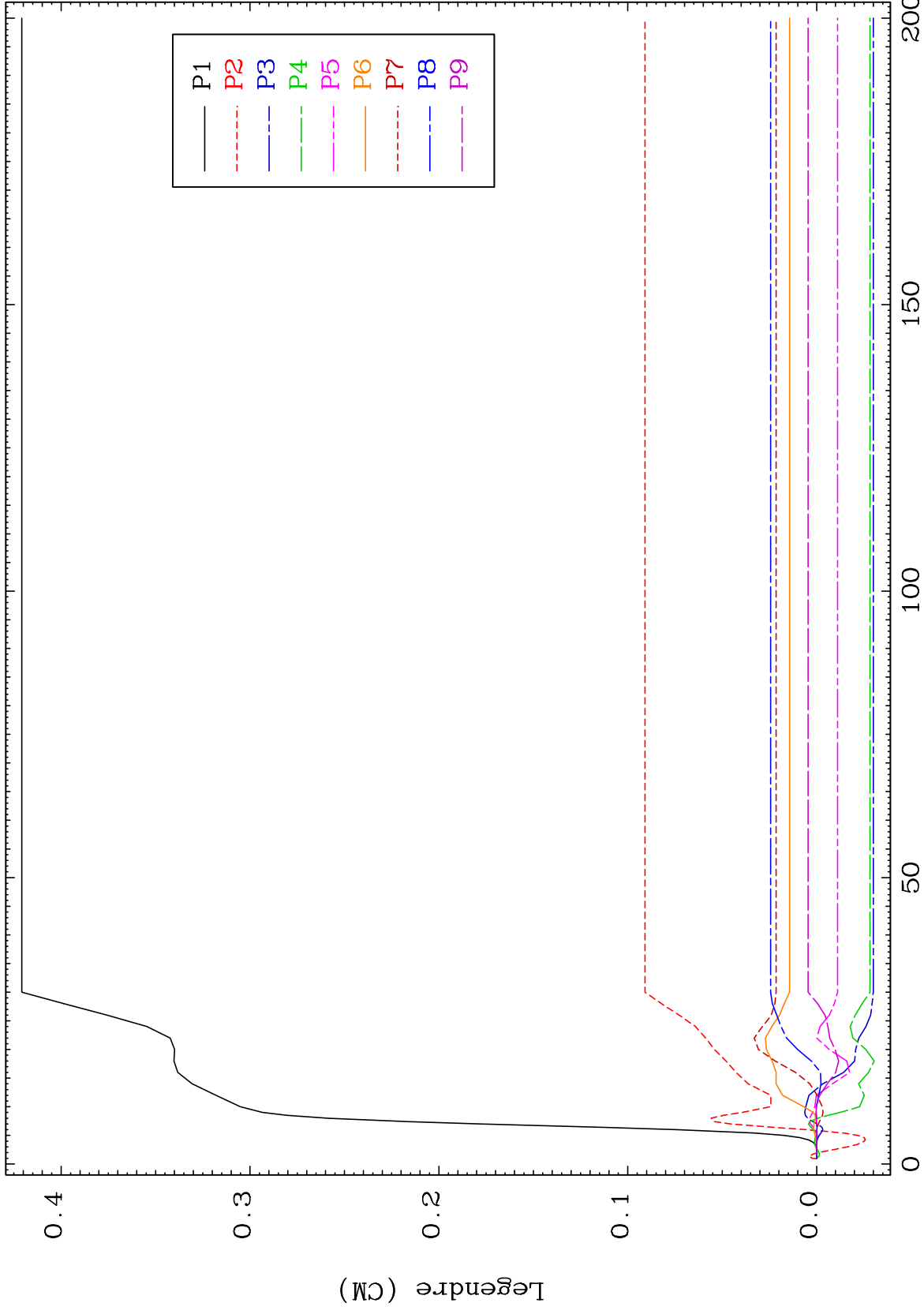
53-I -119







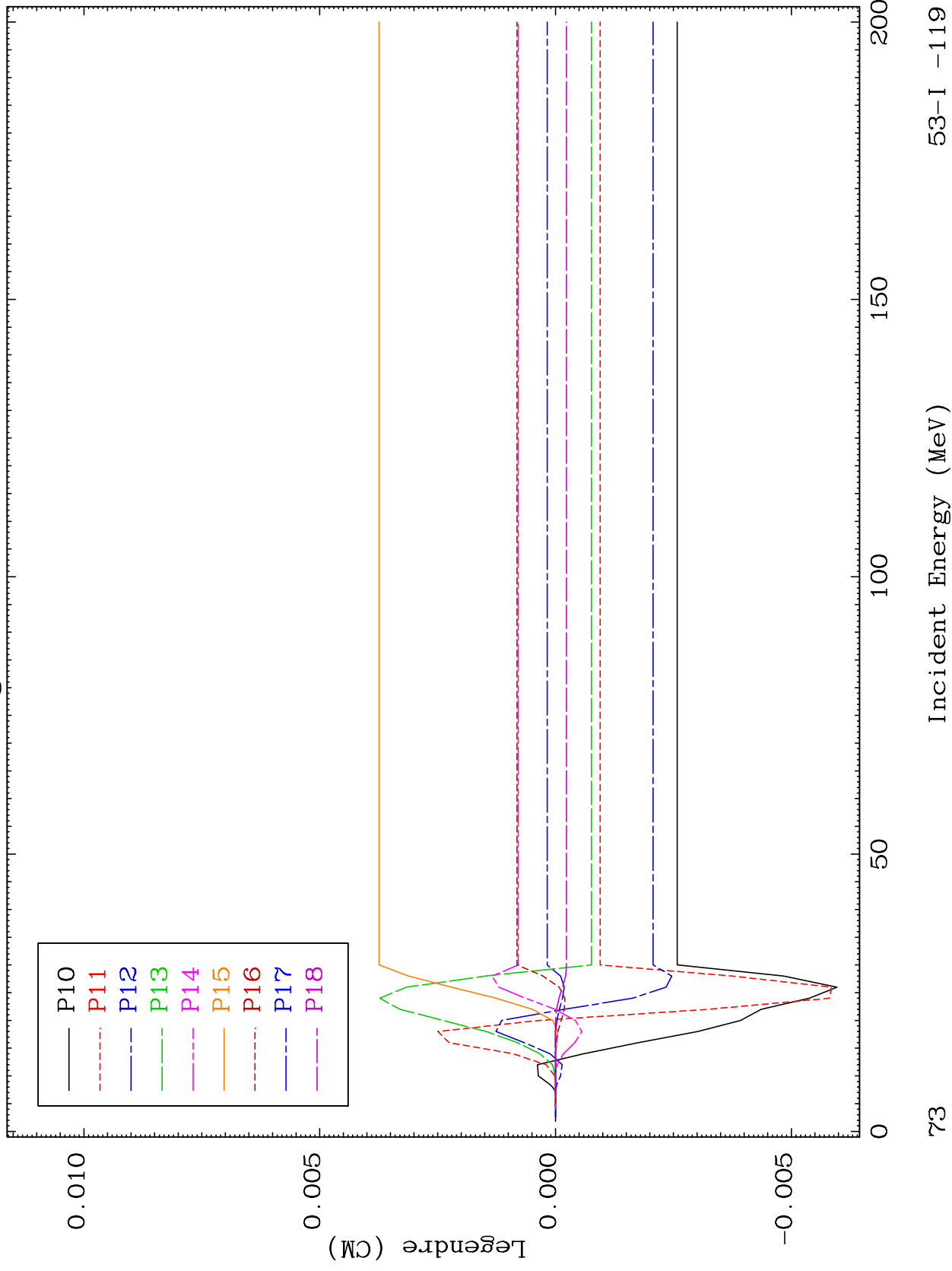




MAT 5301

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

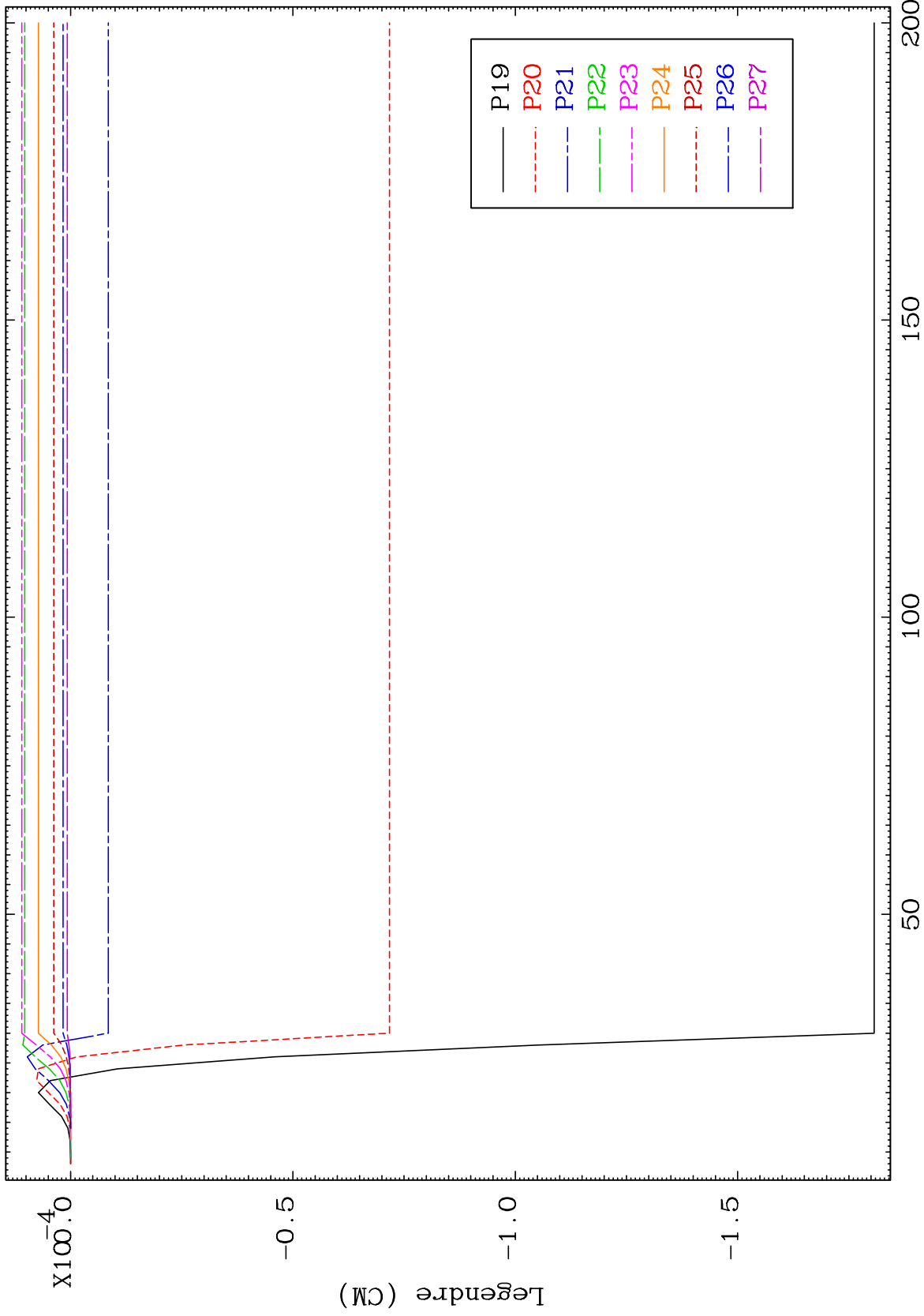
53-I -119



53-I -119

Incident Energy (MeV)

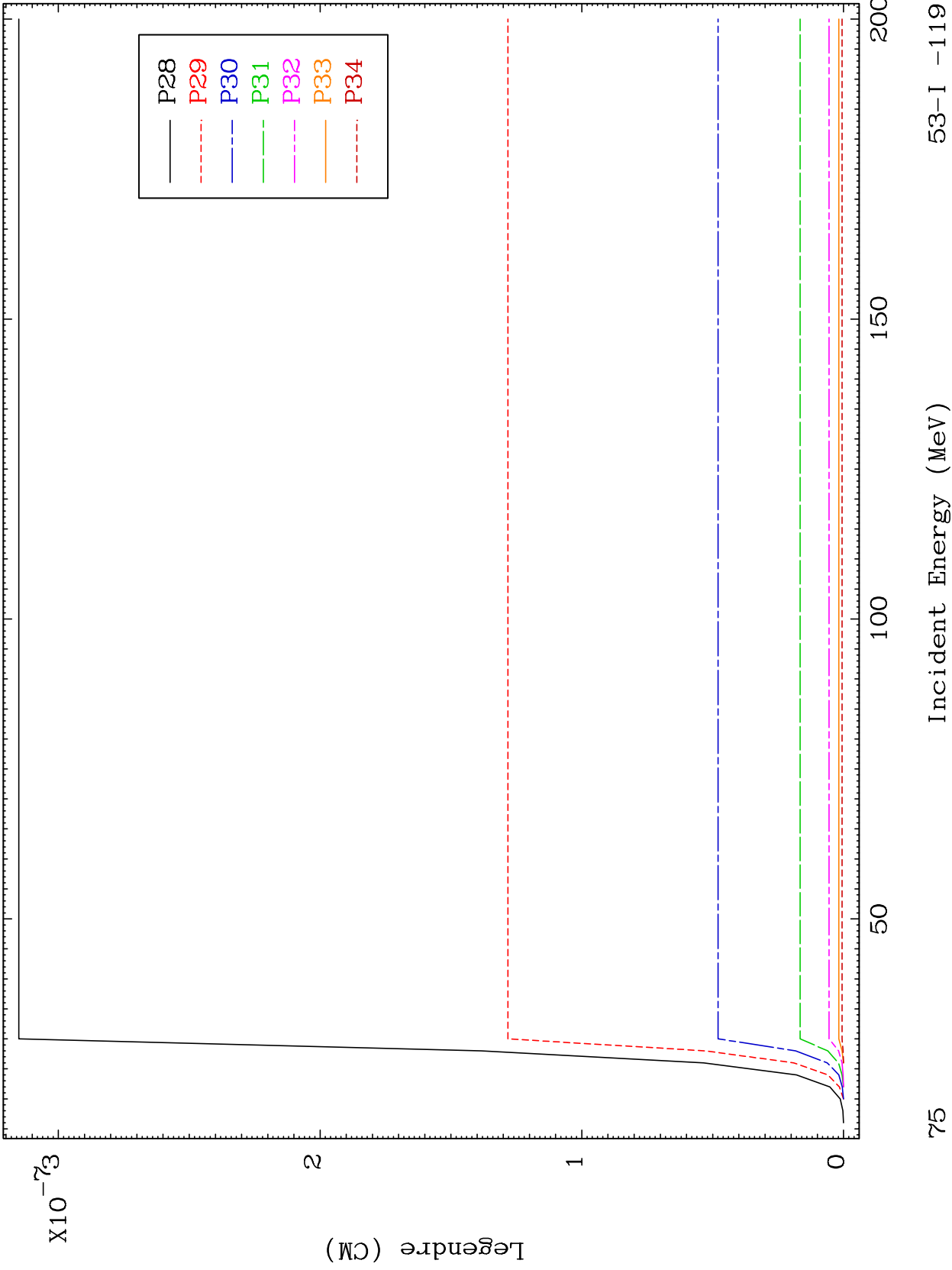
73



MAT 5301

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

53-I -119



75

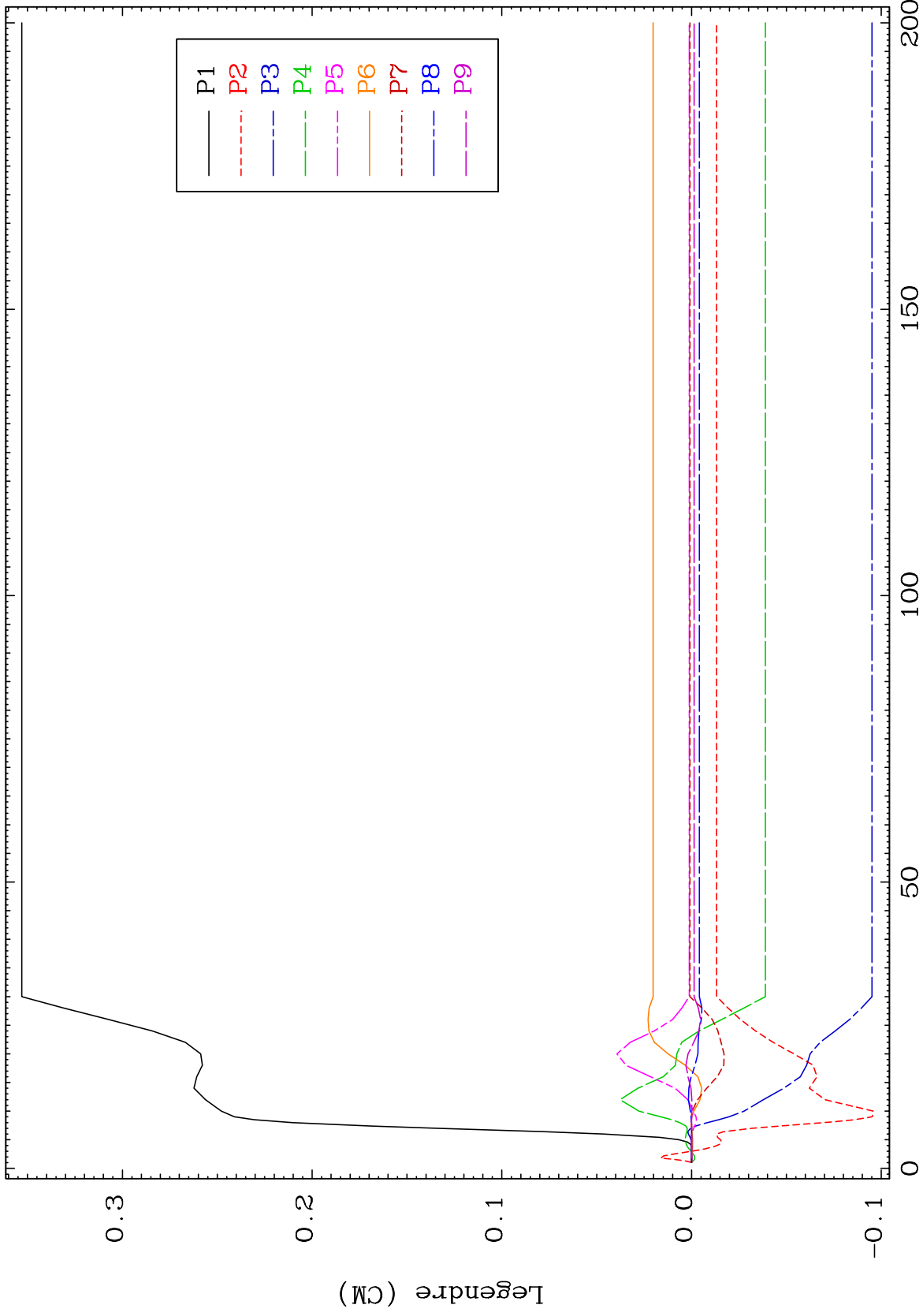
Incident Energy (MeV)

53-I -119

MAT 5301

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

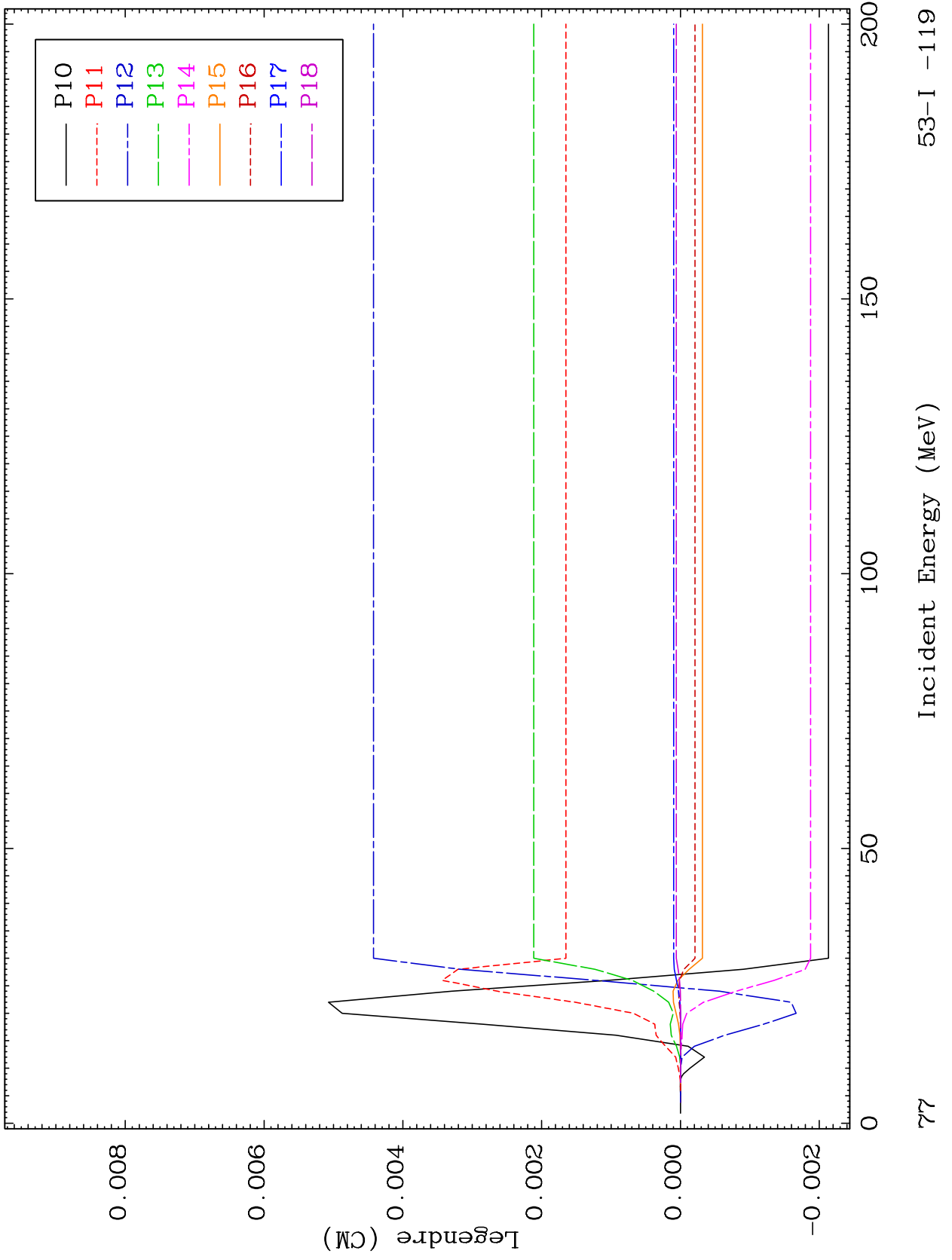
53-I -119

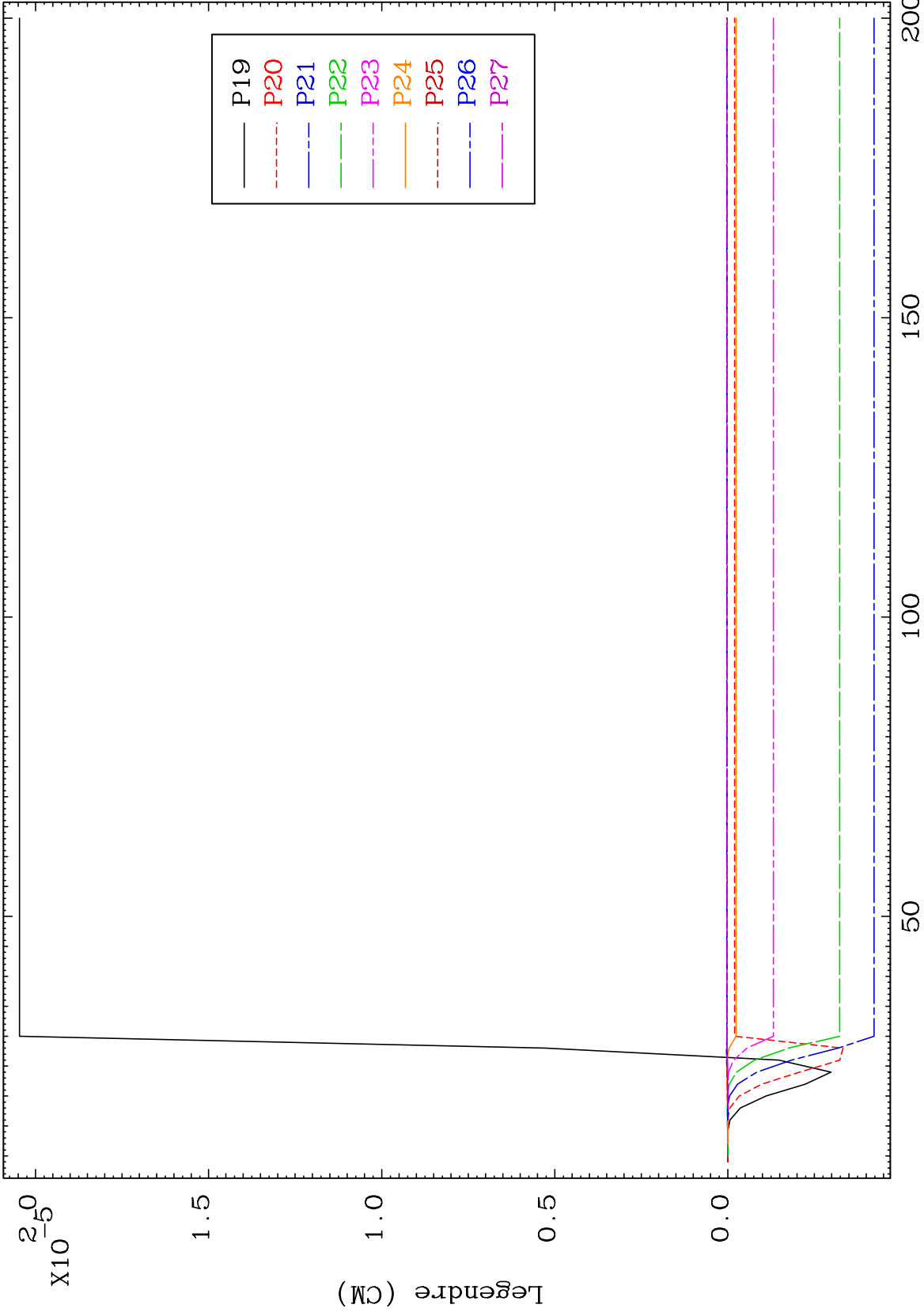


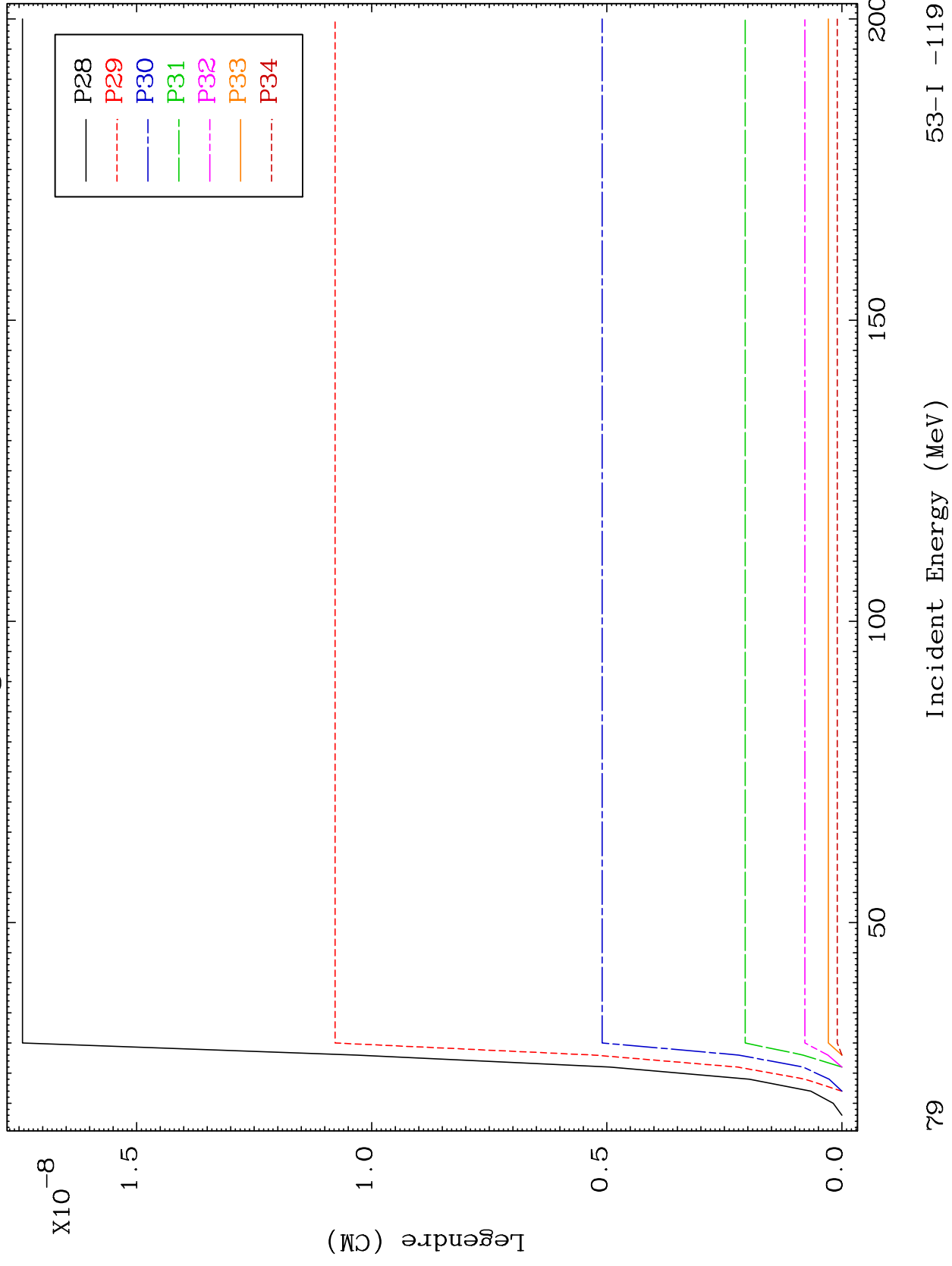
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Incident Energy (MeV)

53-I -119



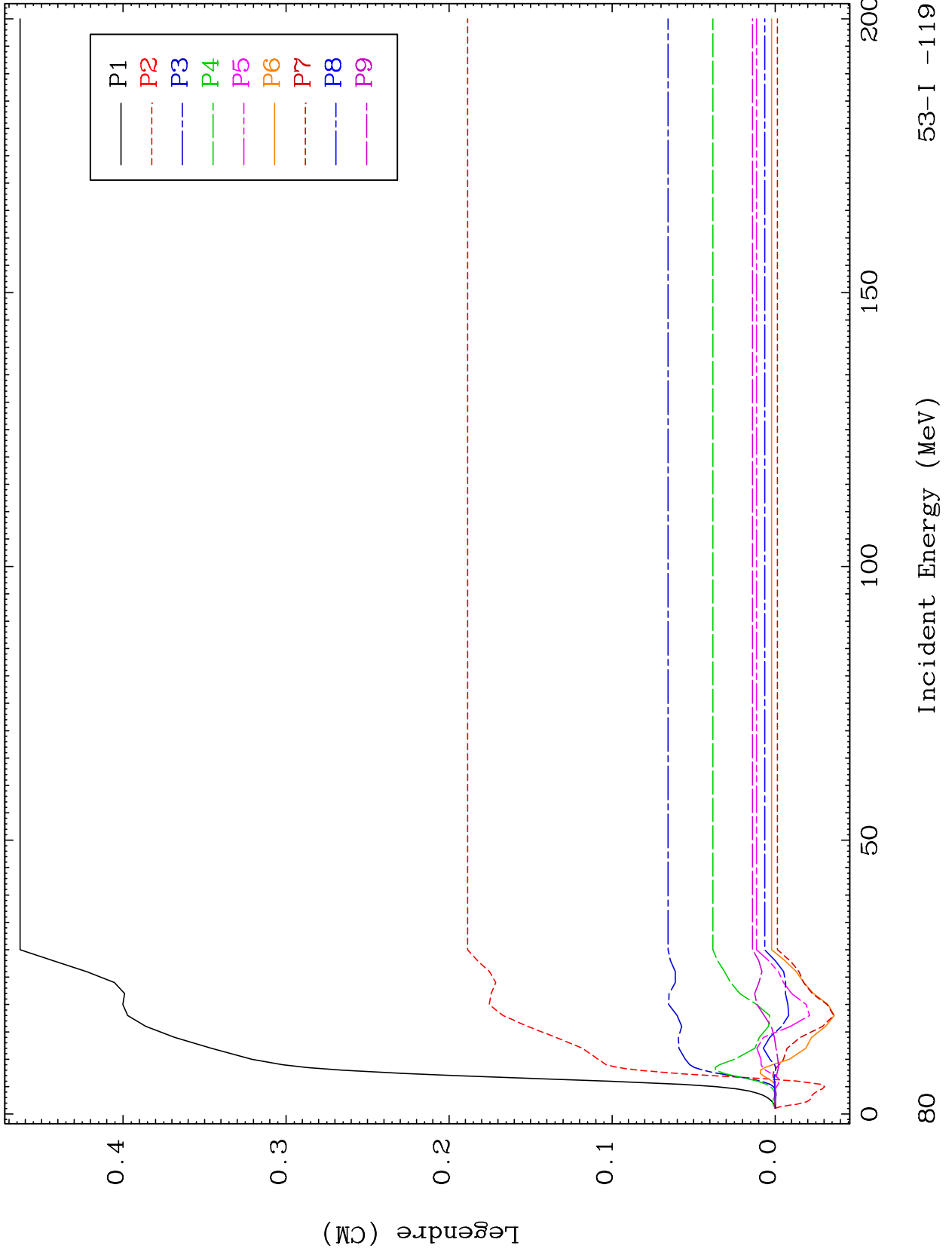




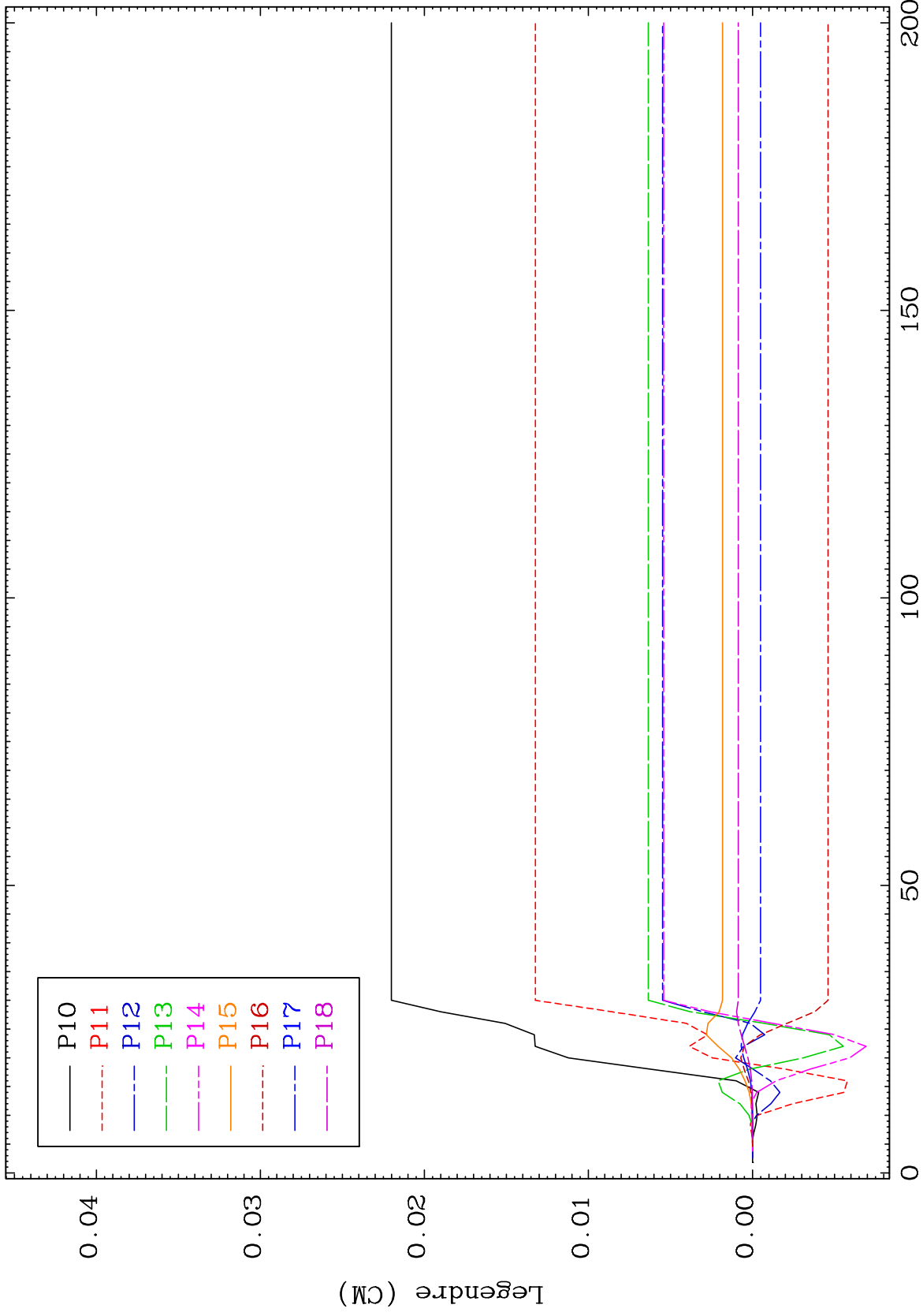
MAT 5301

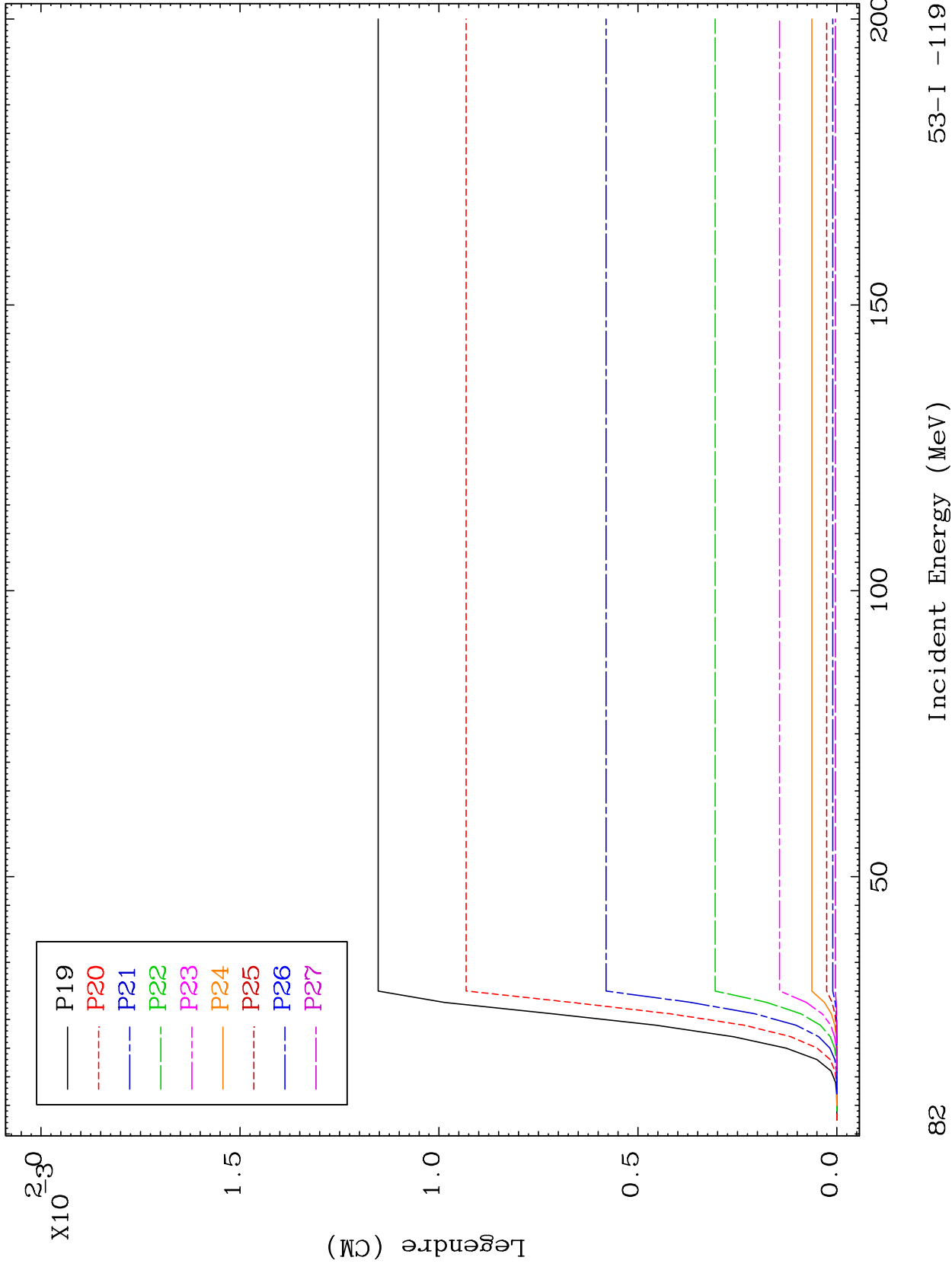
MT= 66 (n,n') Level
Legendre Coefficients

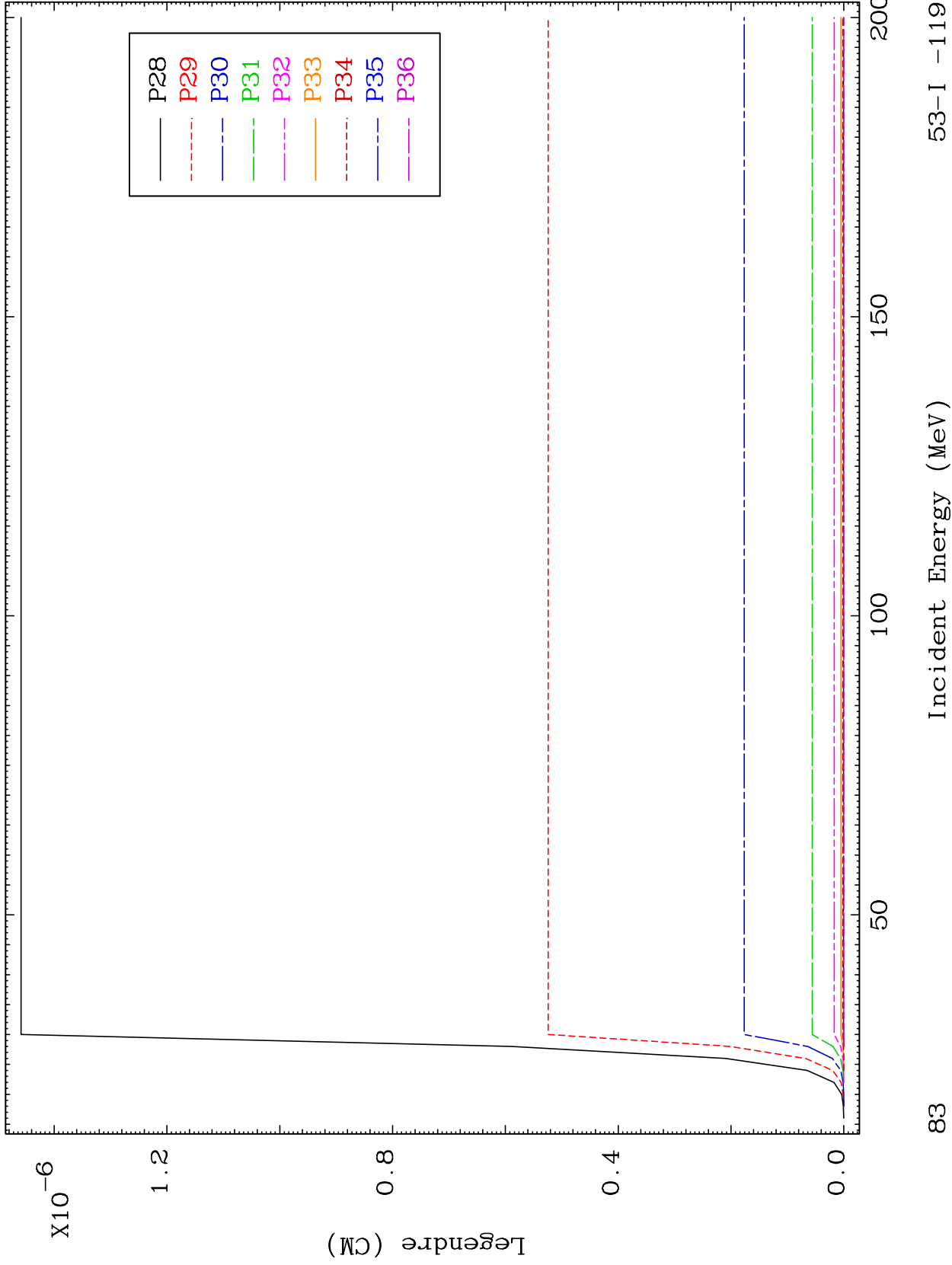
53-I -119

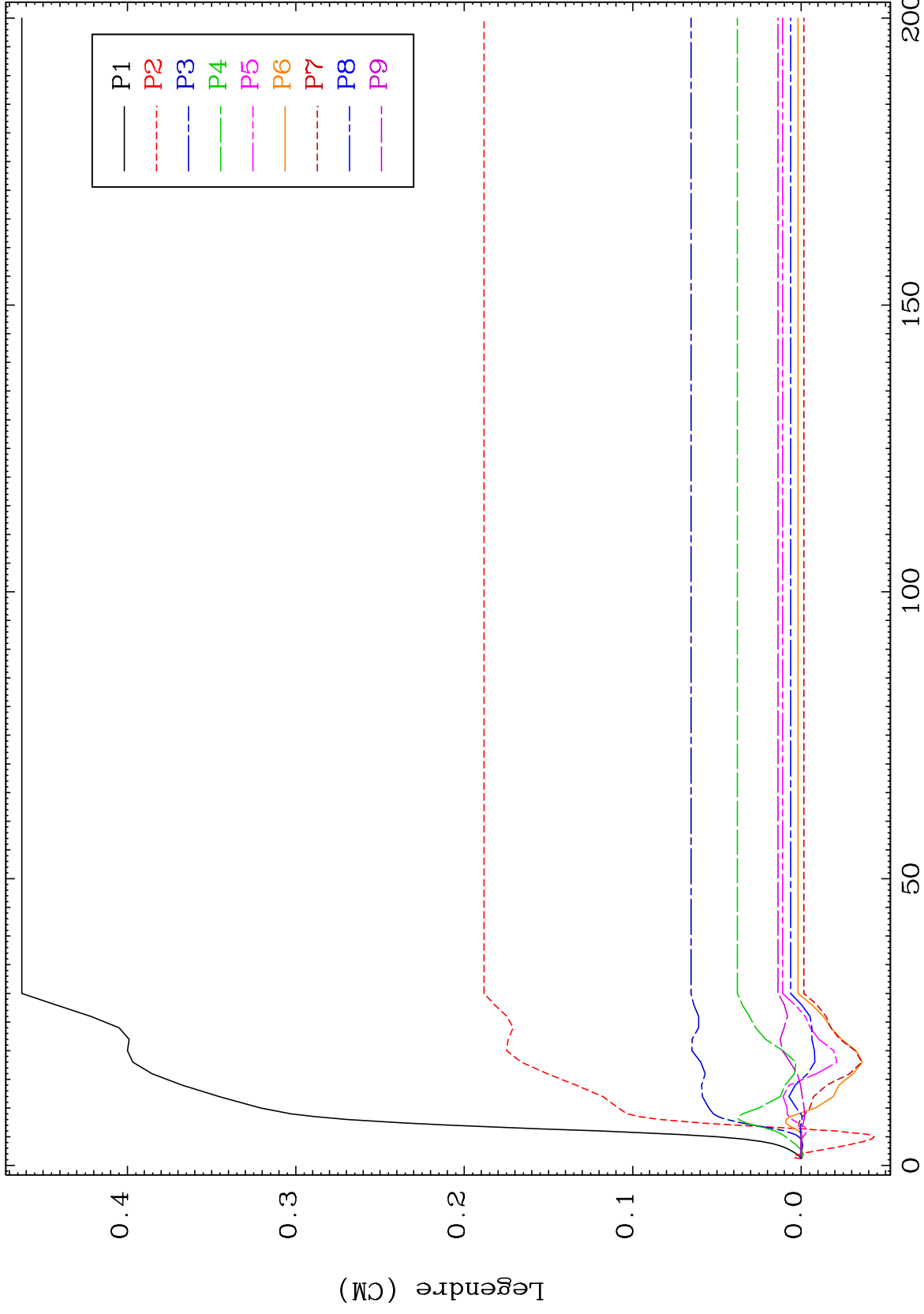


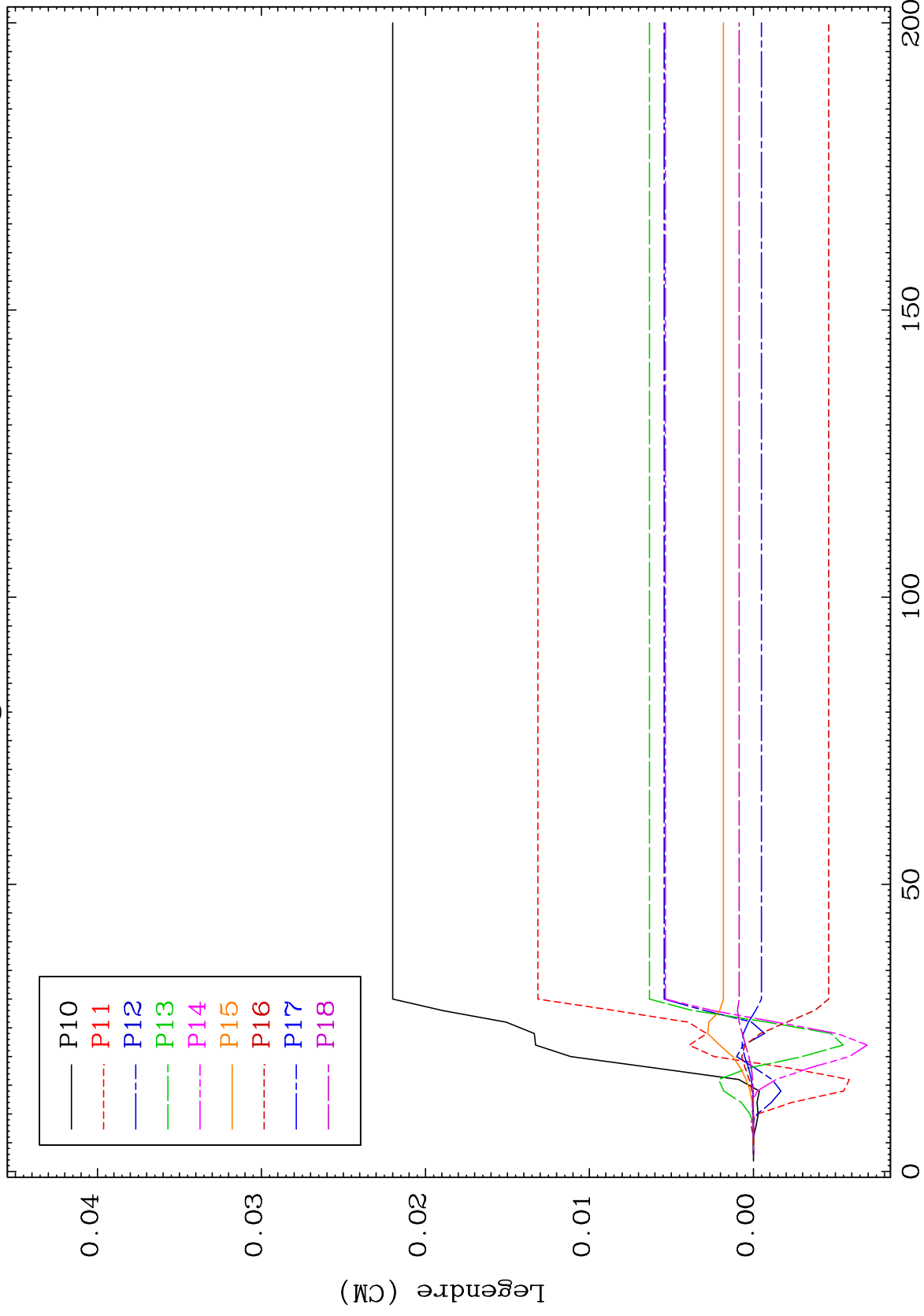
53-I -119

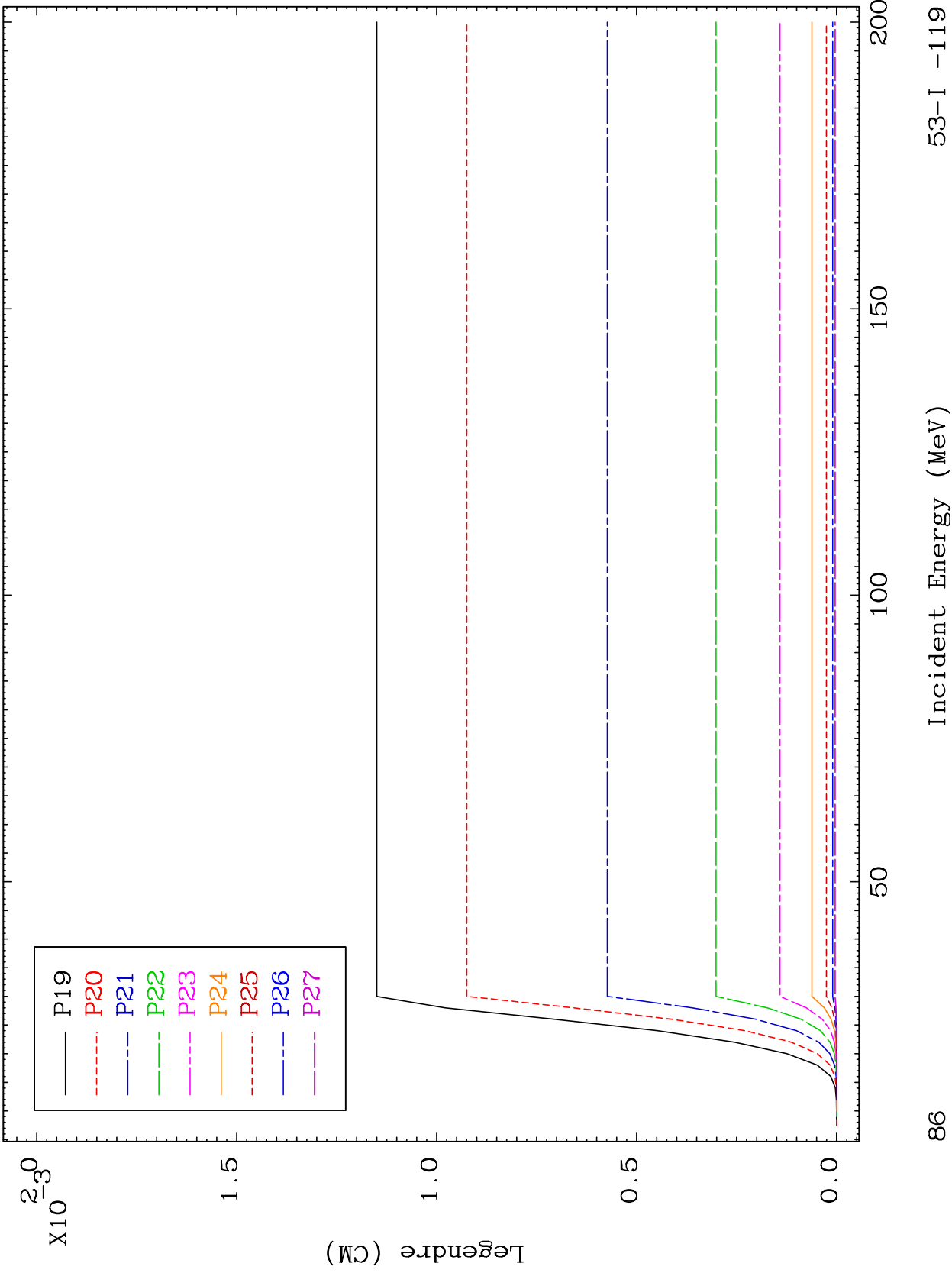








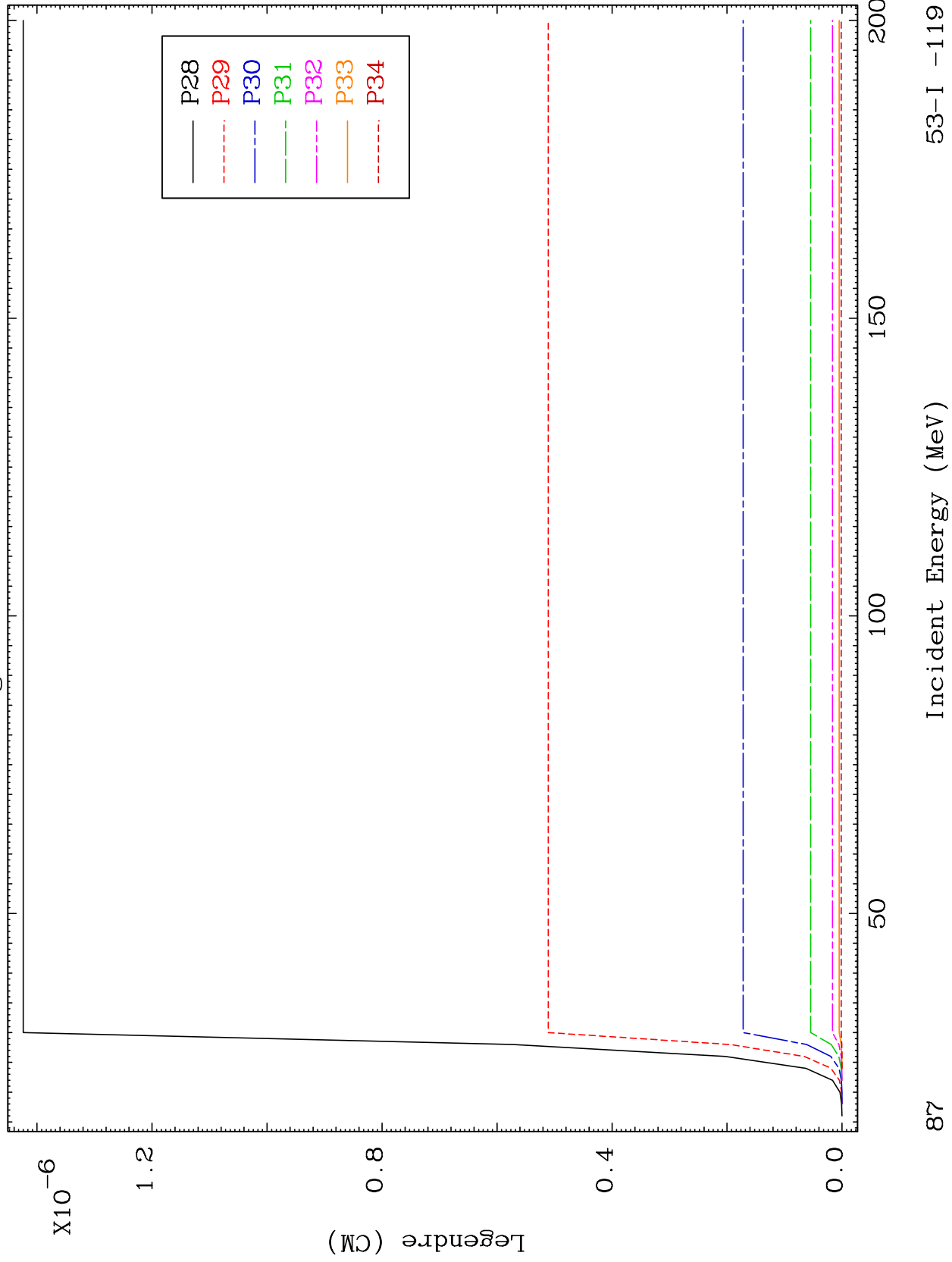




MAT 5301

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

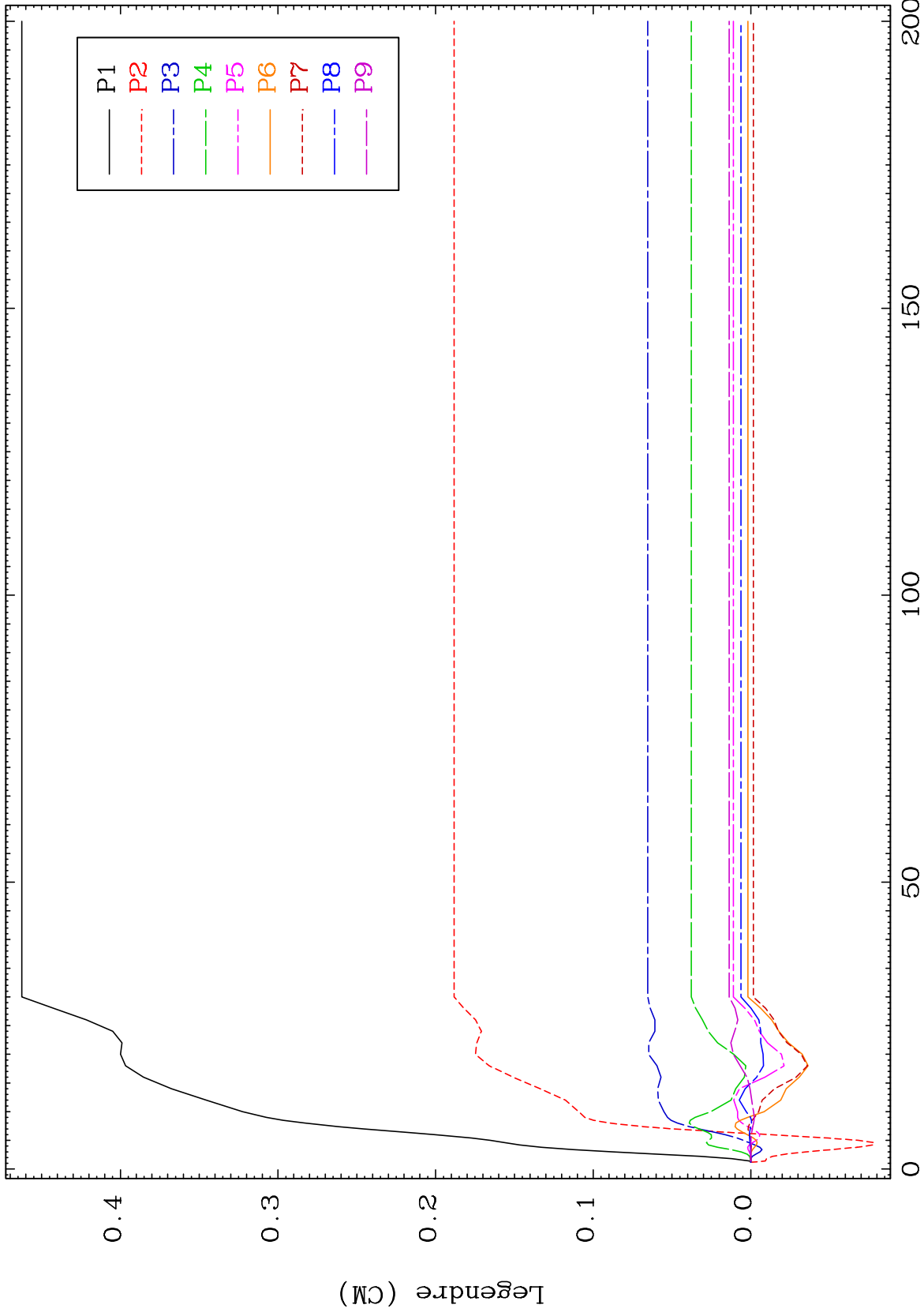
53-I -119

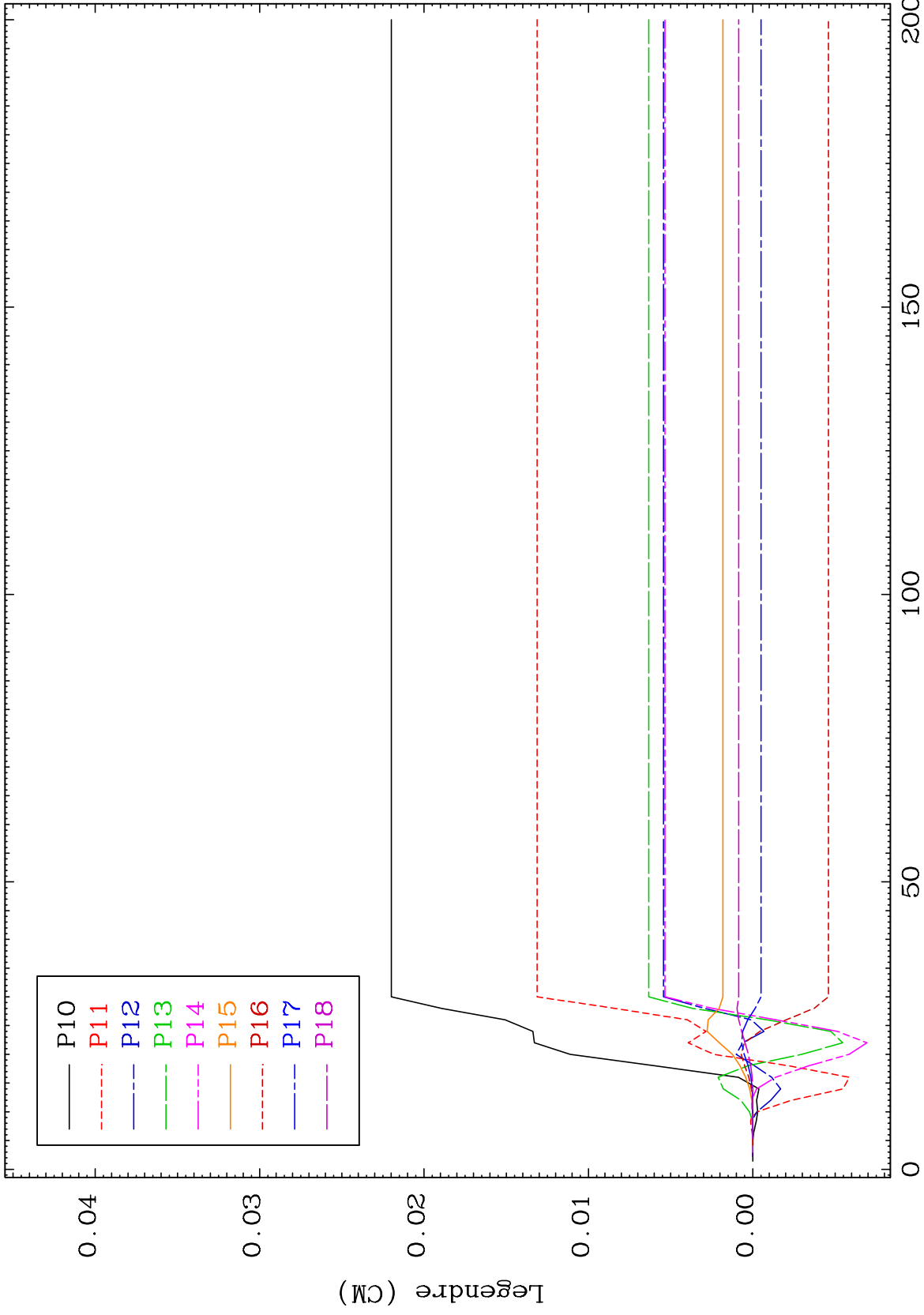


87

Incident Energy (MeV)

53-I -119

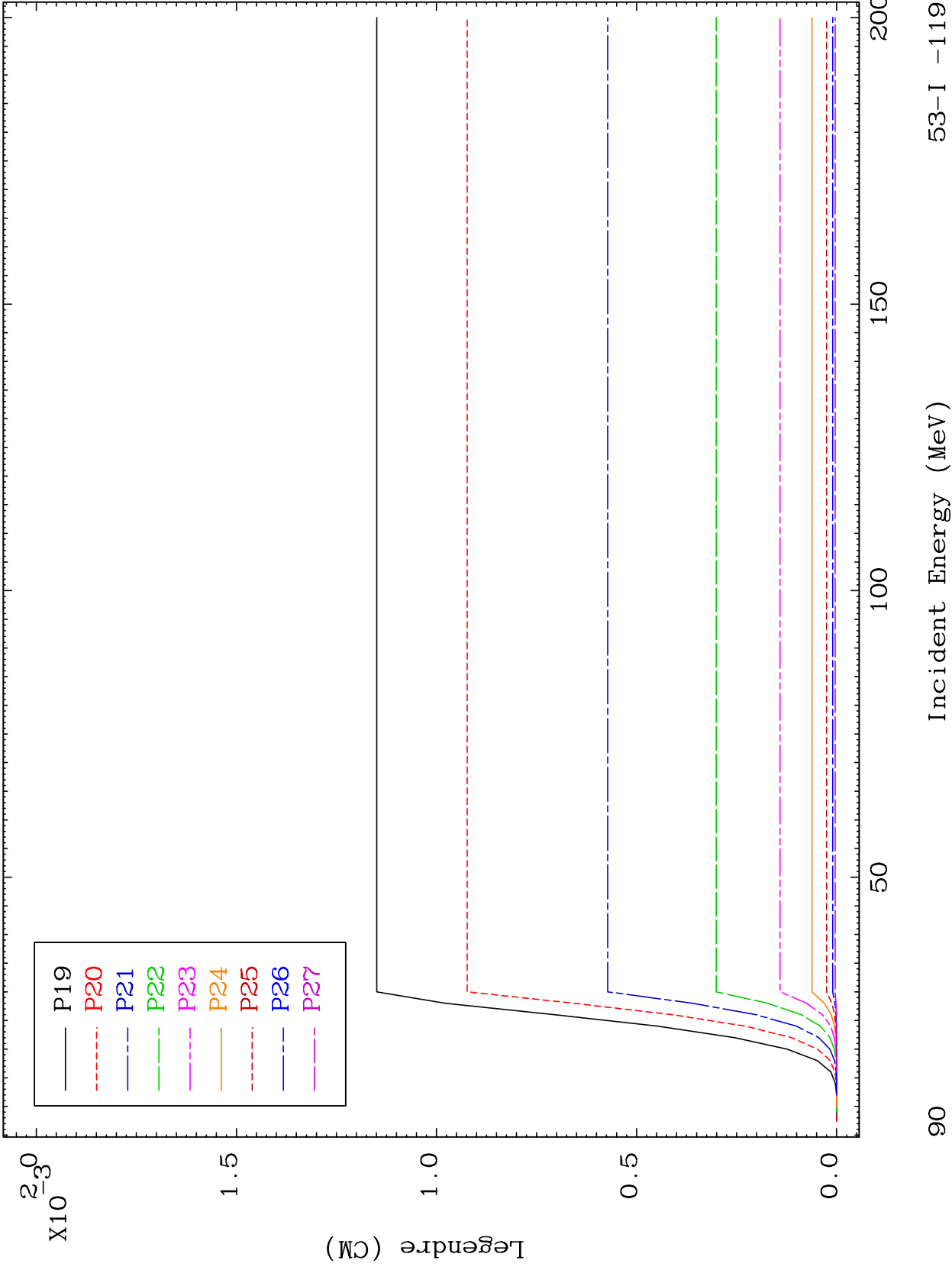




MAT 5301

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

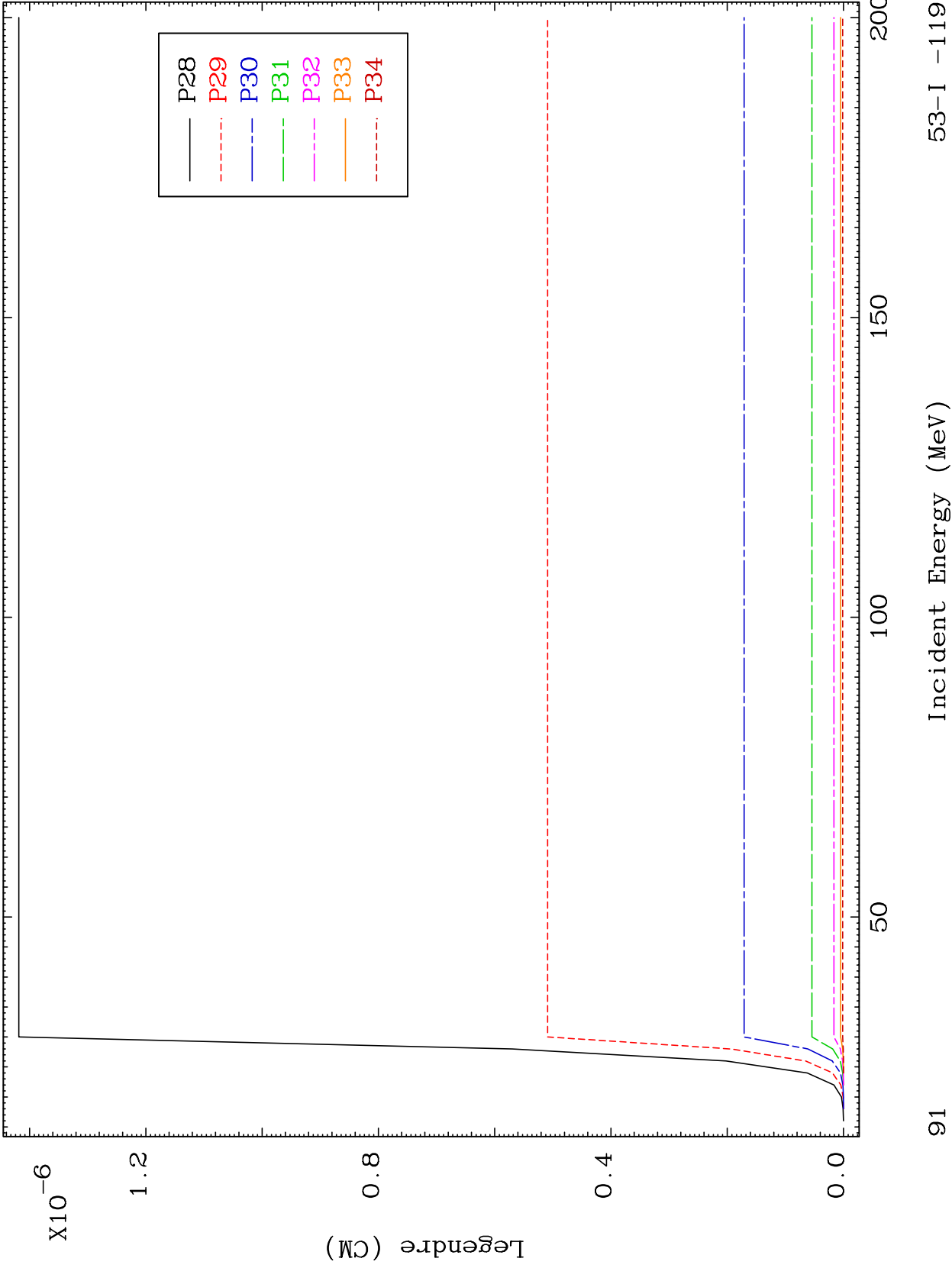
53-I -119

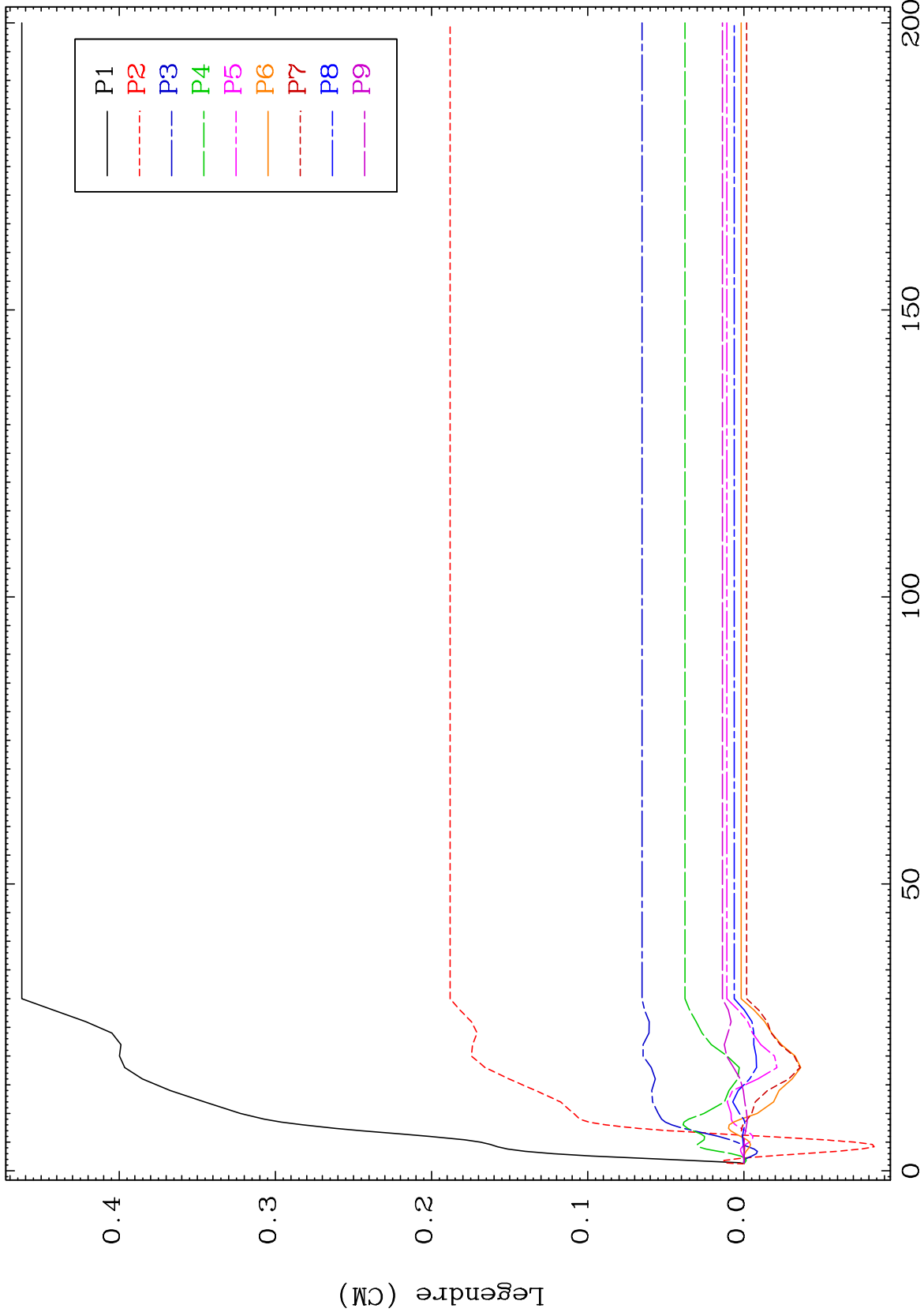


90

Incident Energy (MeV)

53-I -119

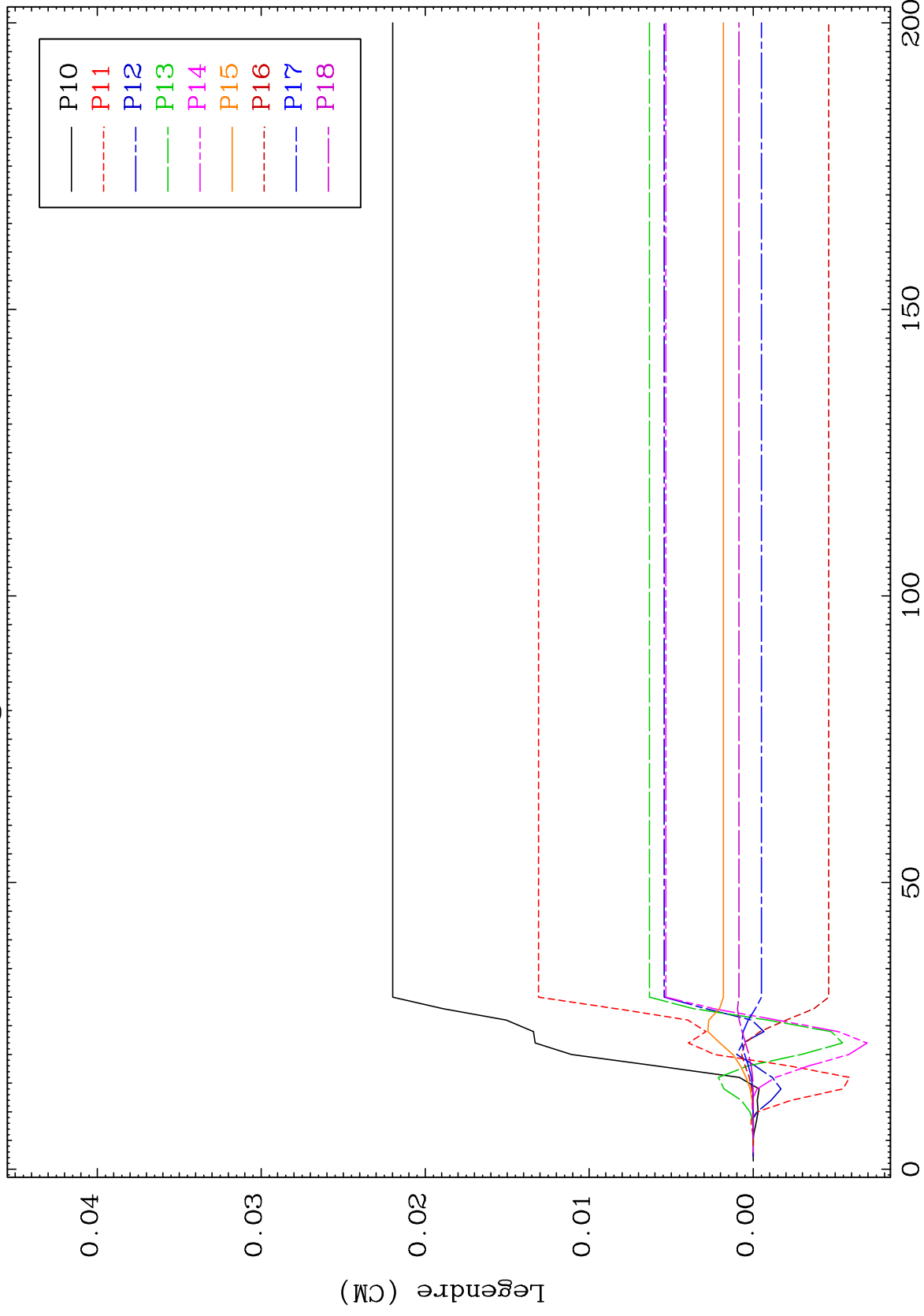




MAT 5301

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

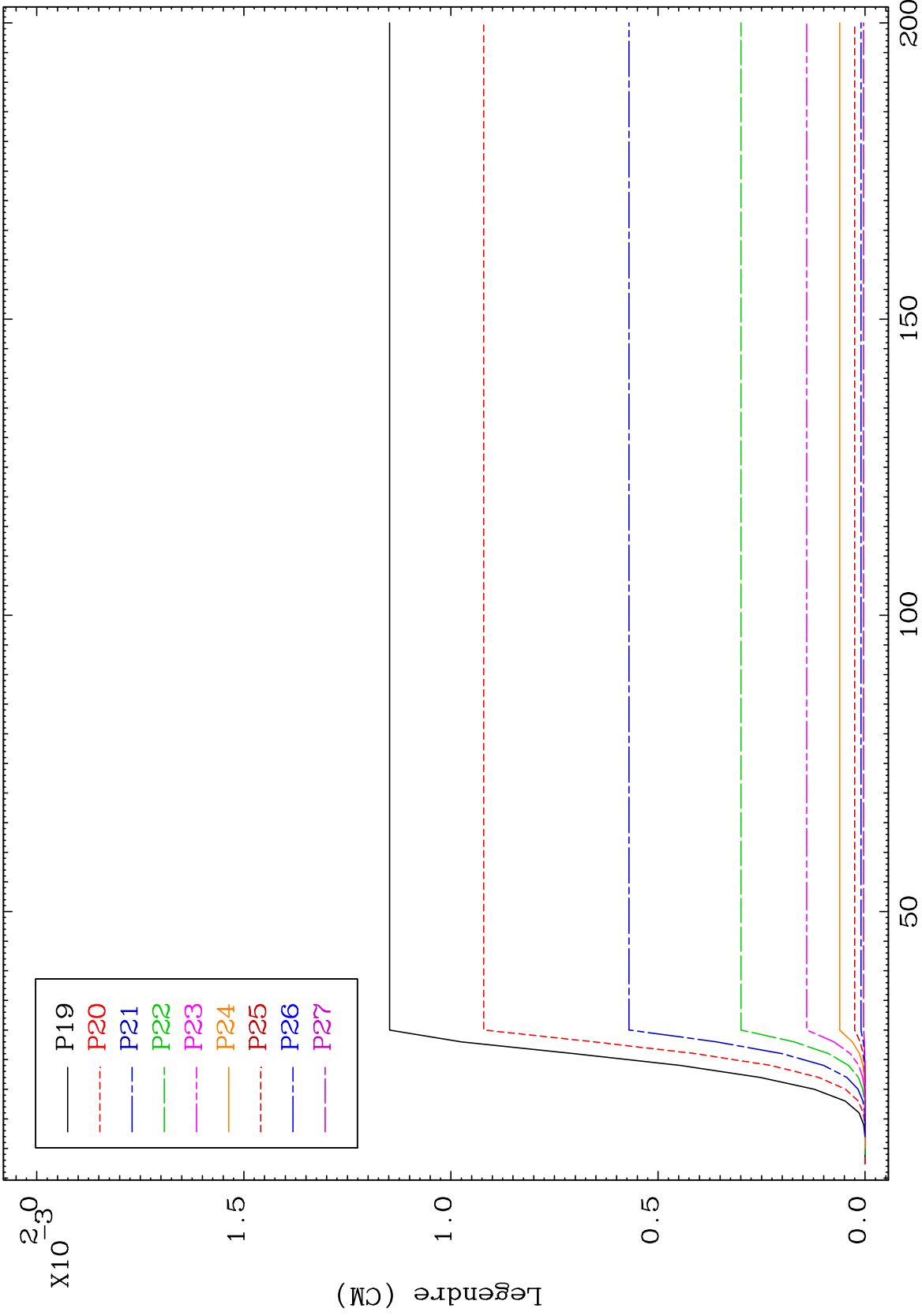
53-I -119



93

Incident Energy (MeV)

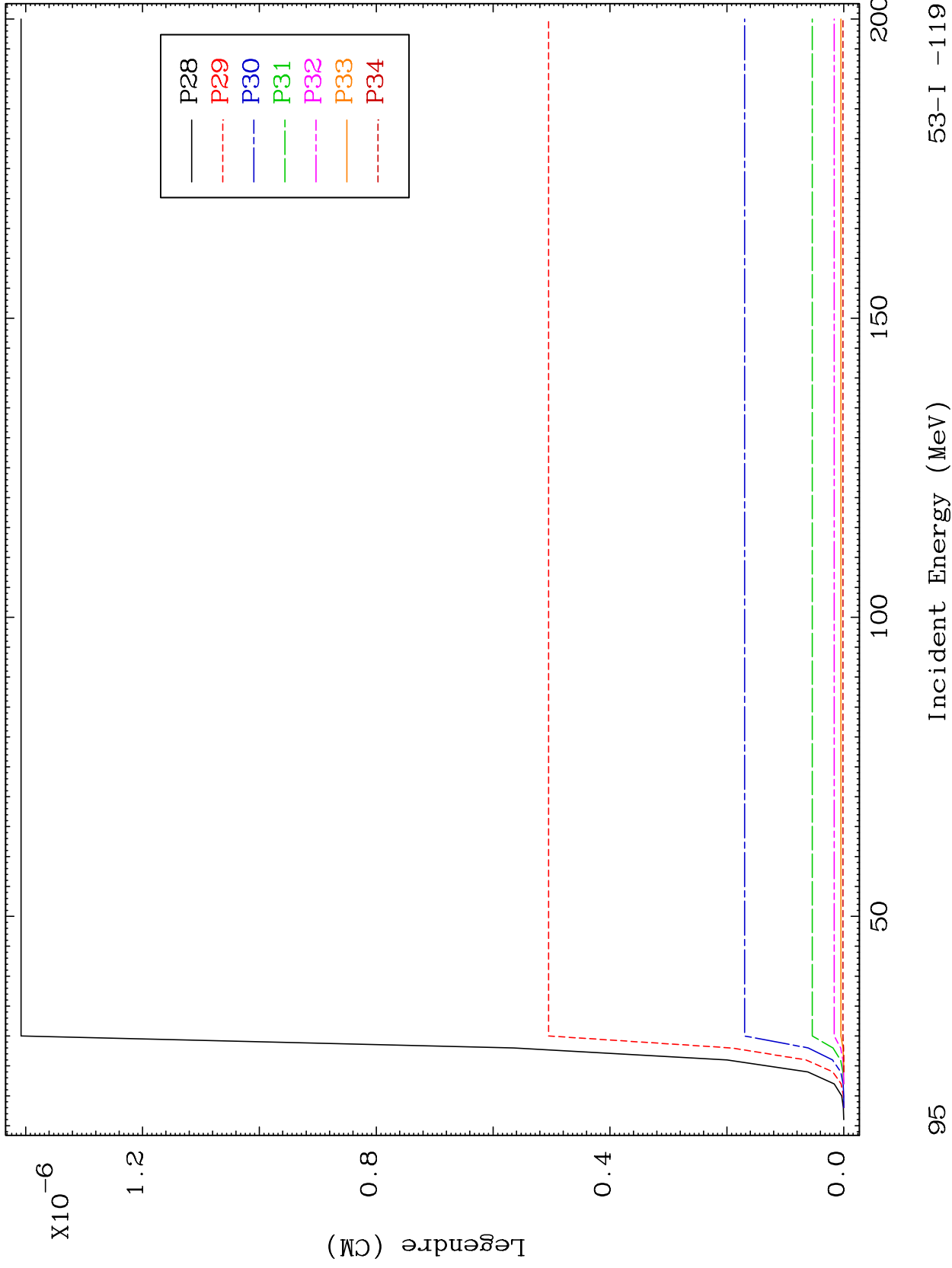
53-I -119



MAT 5301

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

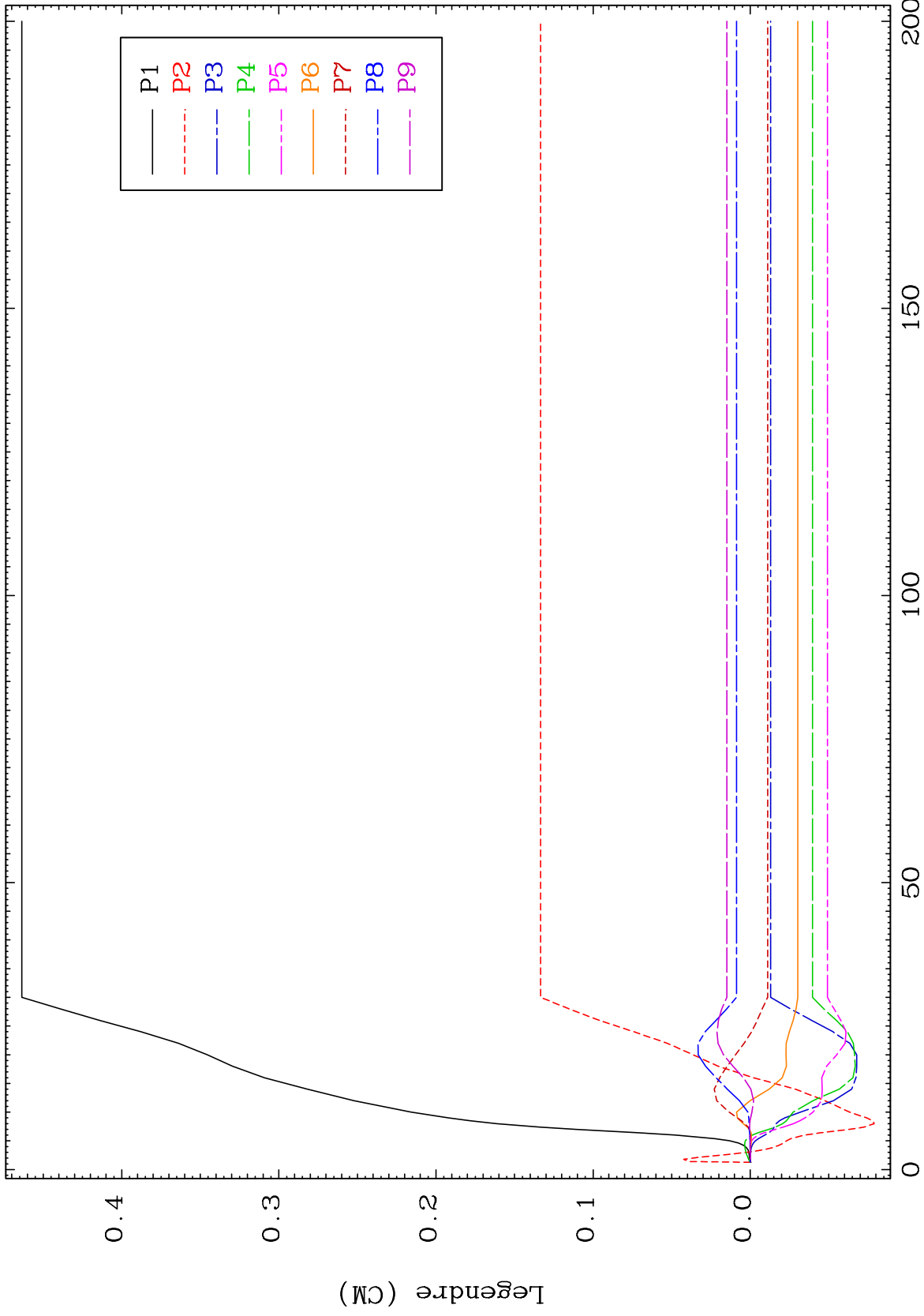
53-I -119

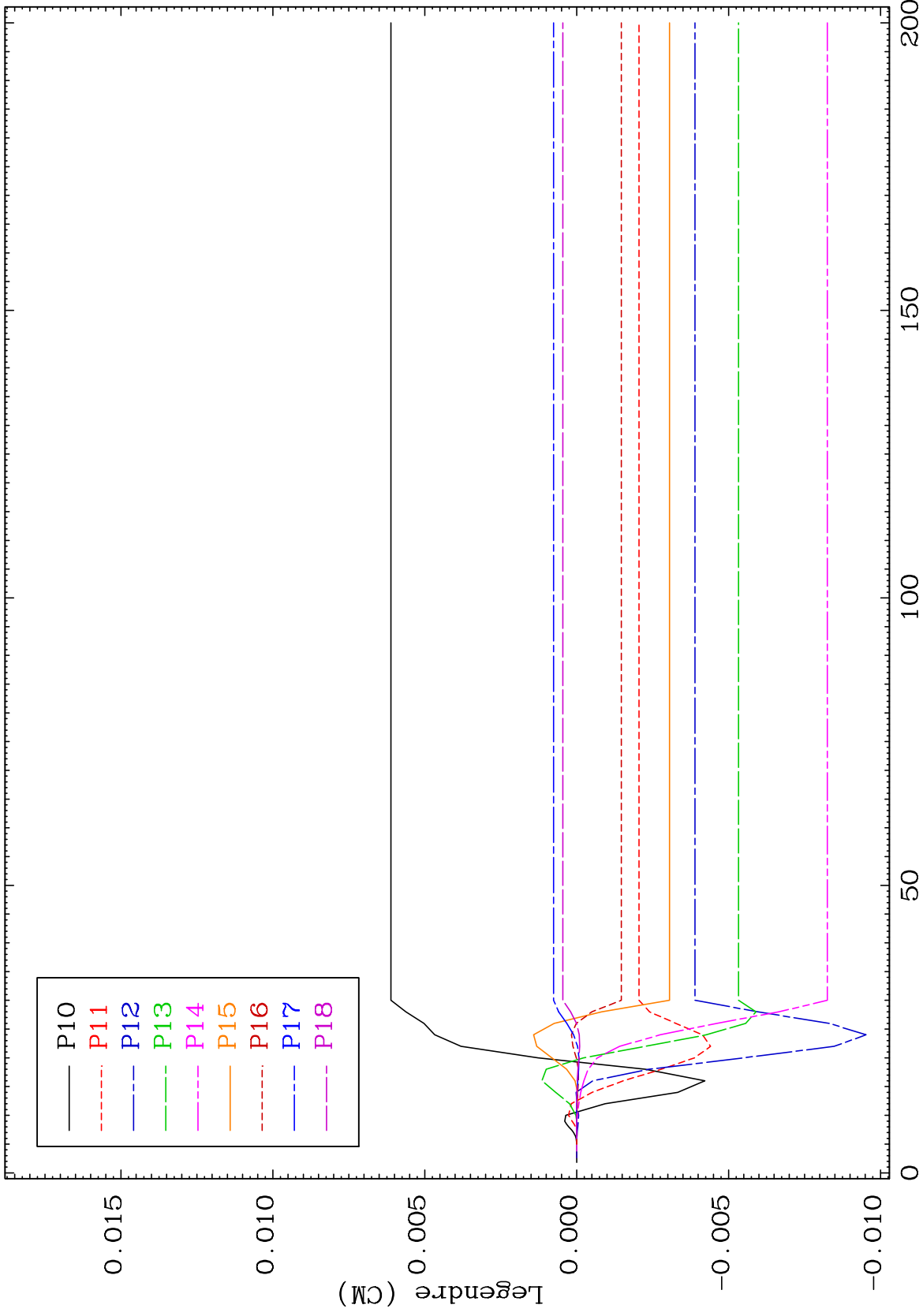


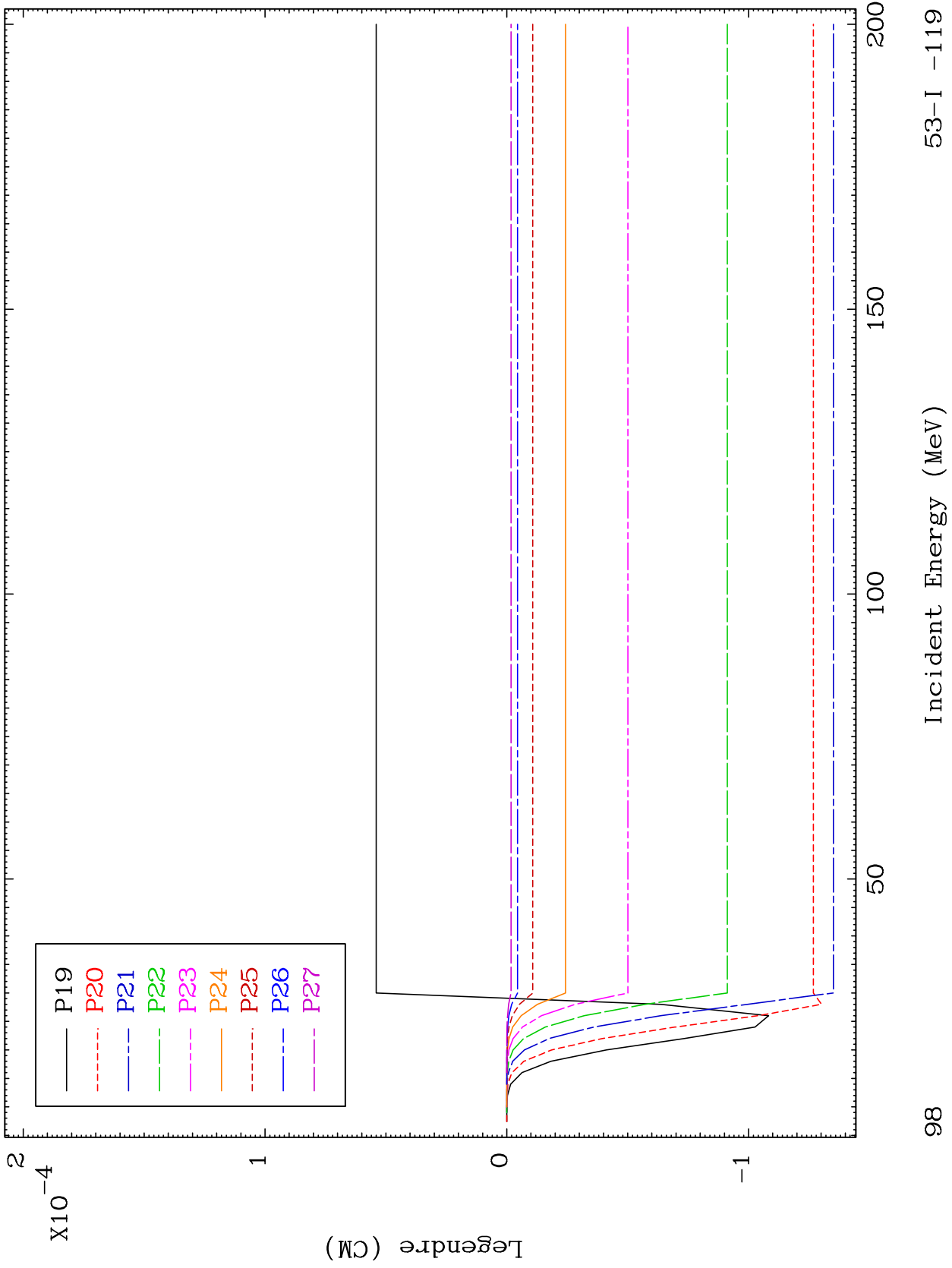
95

Incident Energy (MeV)

53-I -119



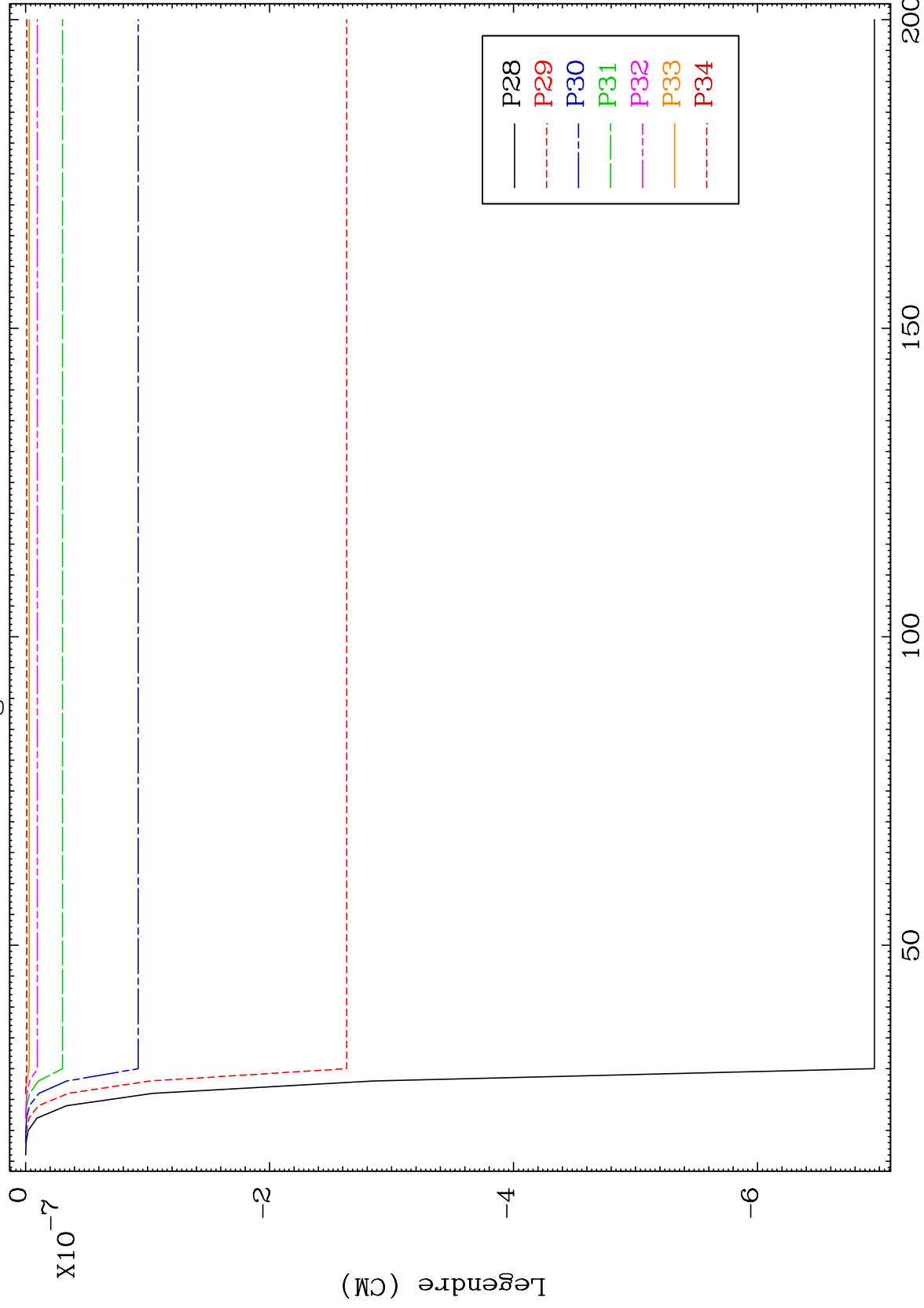




MAT 5301

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

53-I -119



99

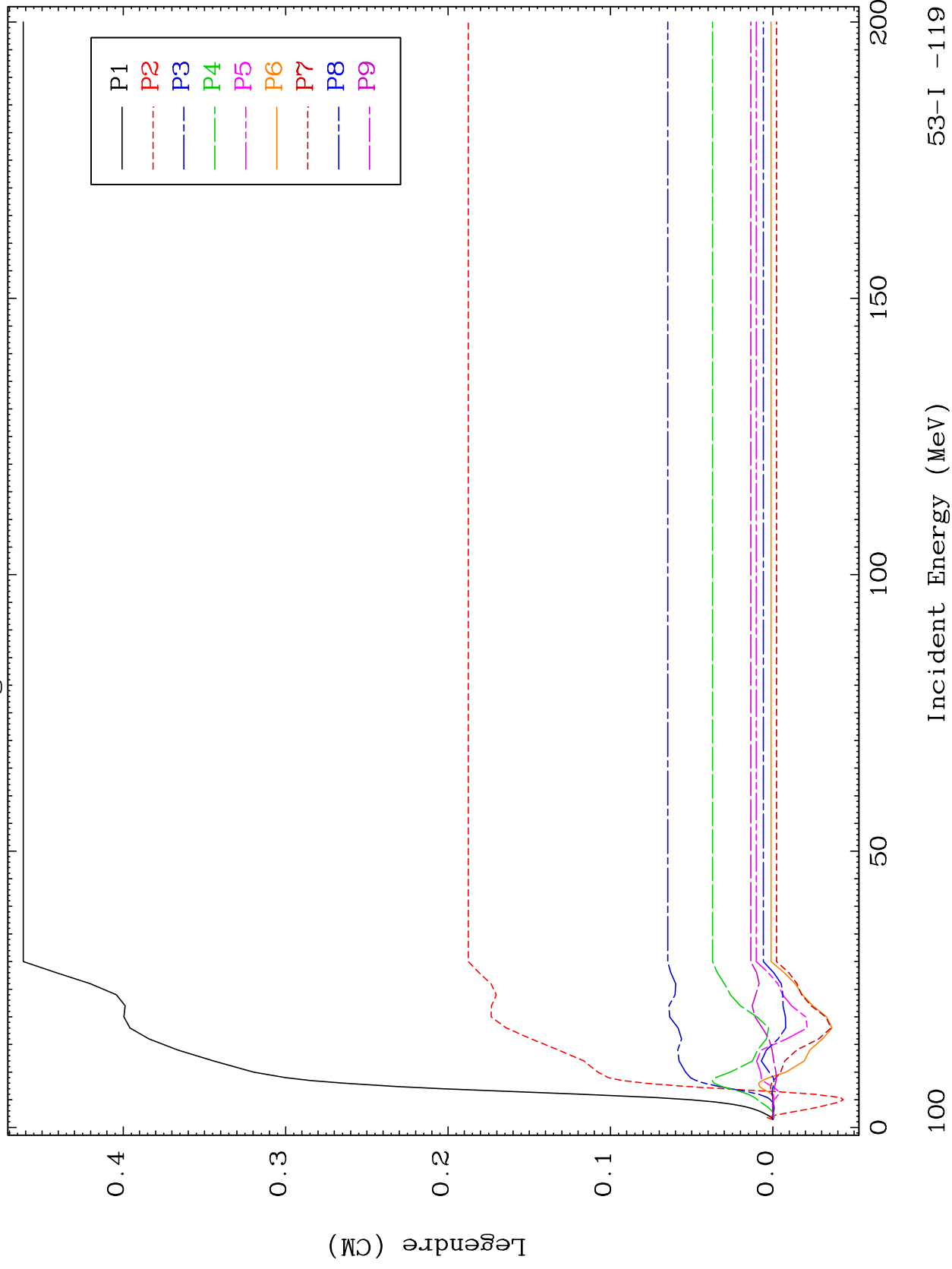
Incident Energy (MeV)

53-I -119

MAT 5301

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

53-I -119

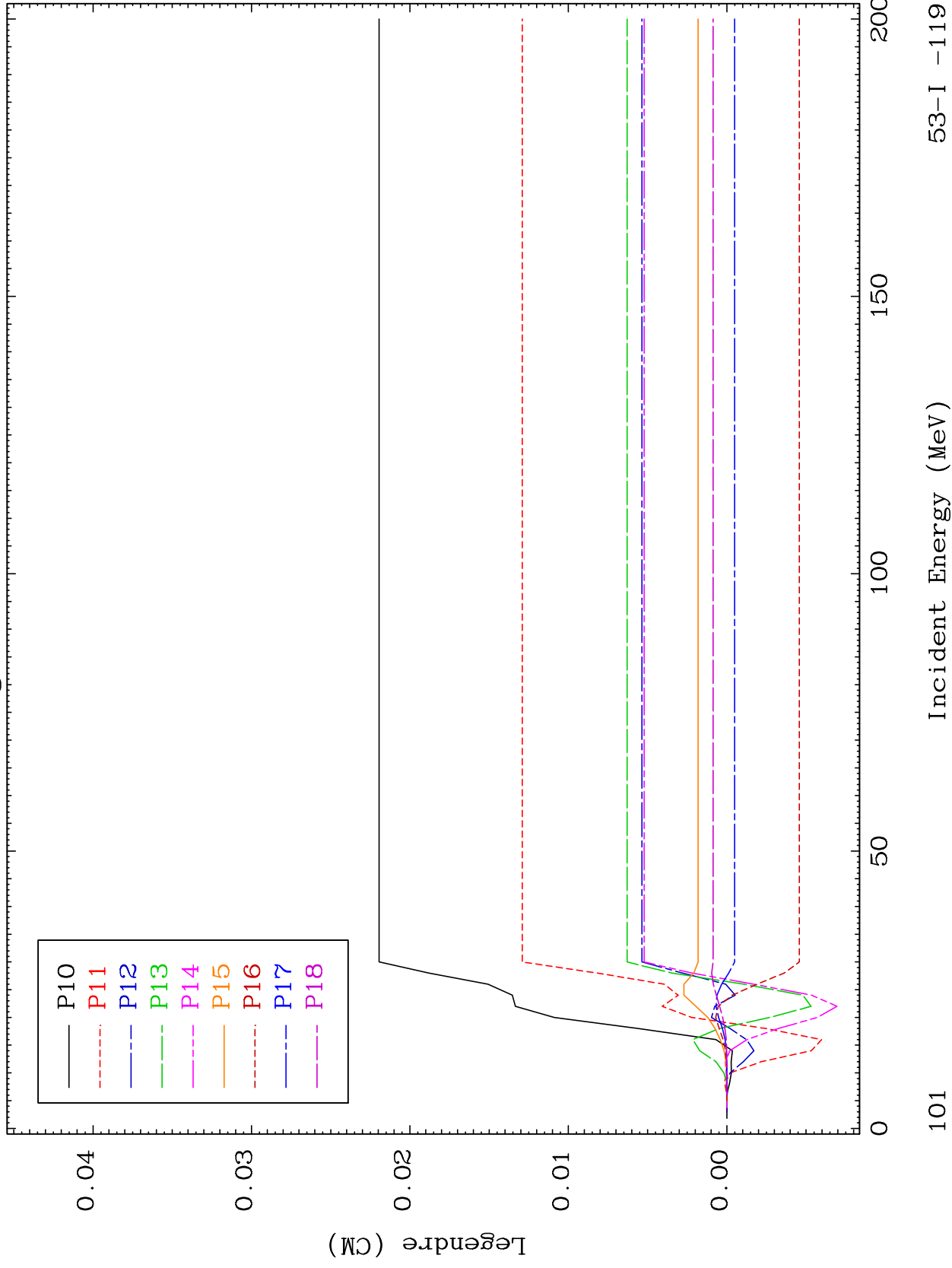


53-I -119

MAT 5301

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

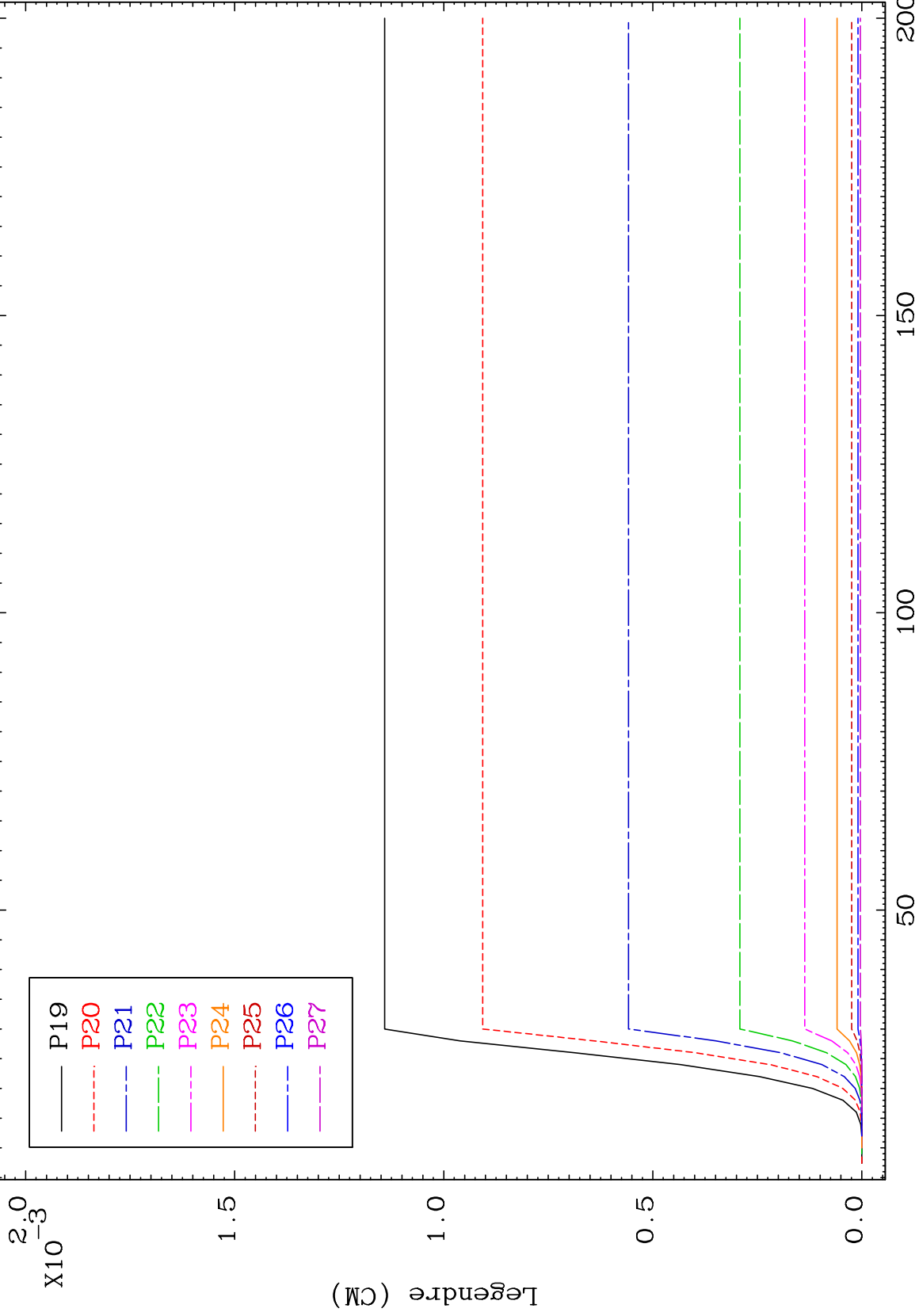
53-I -119

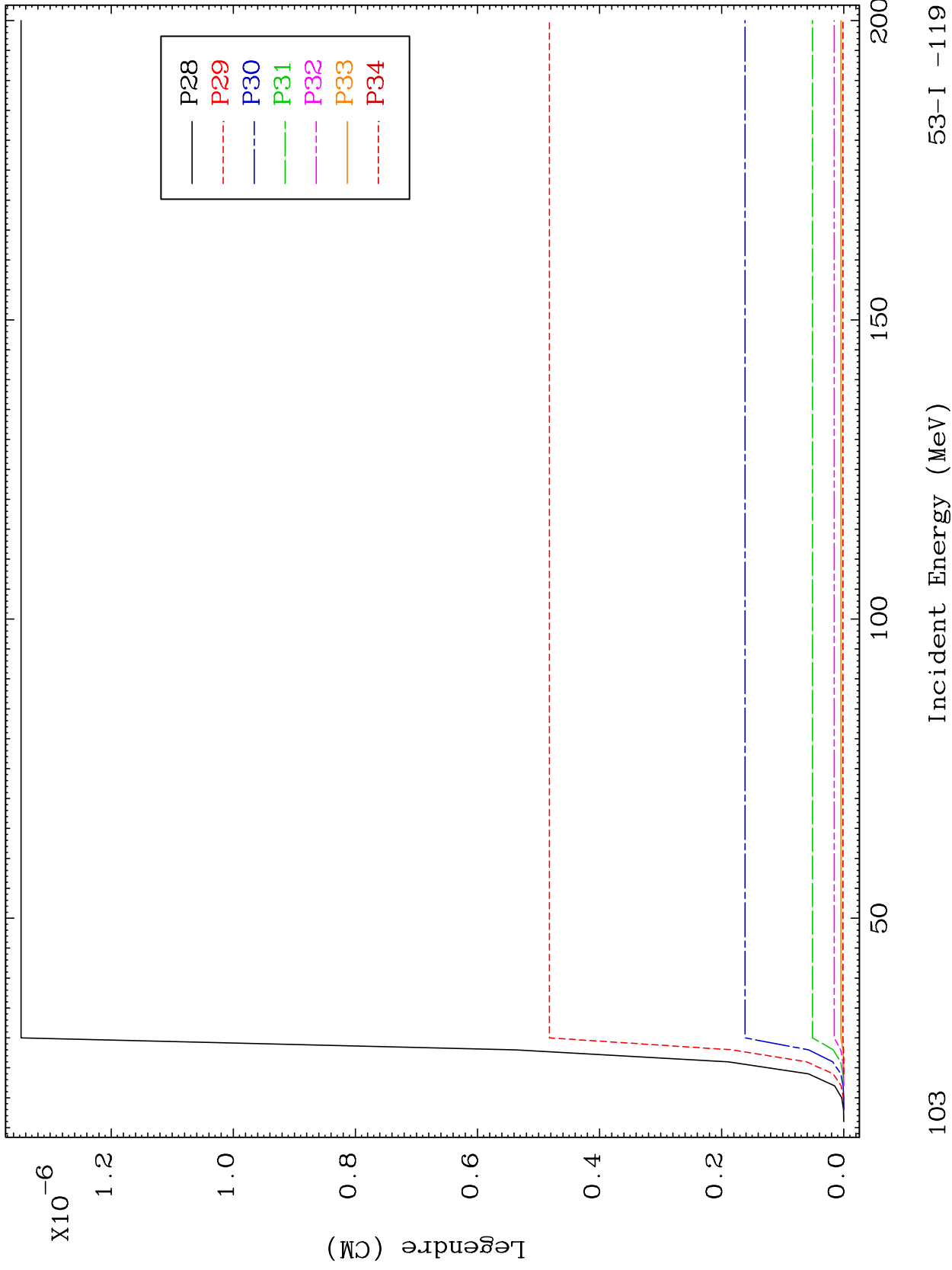


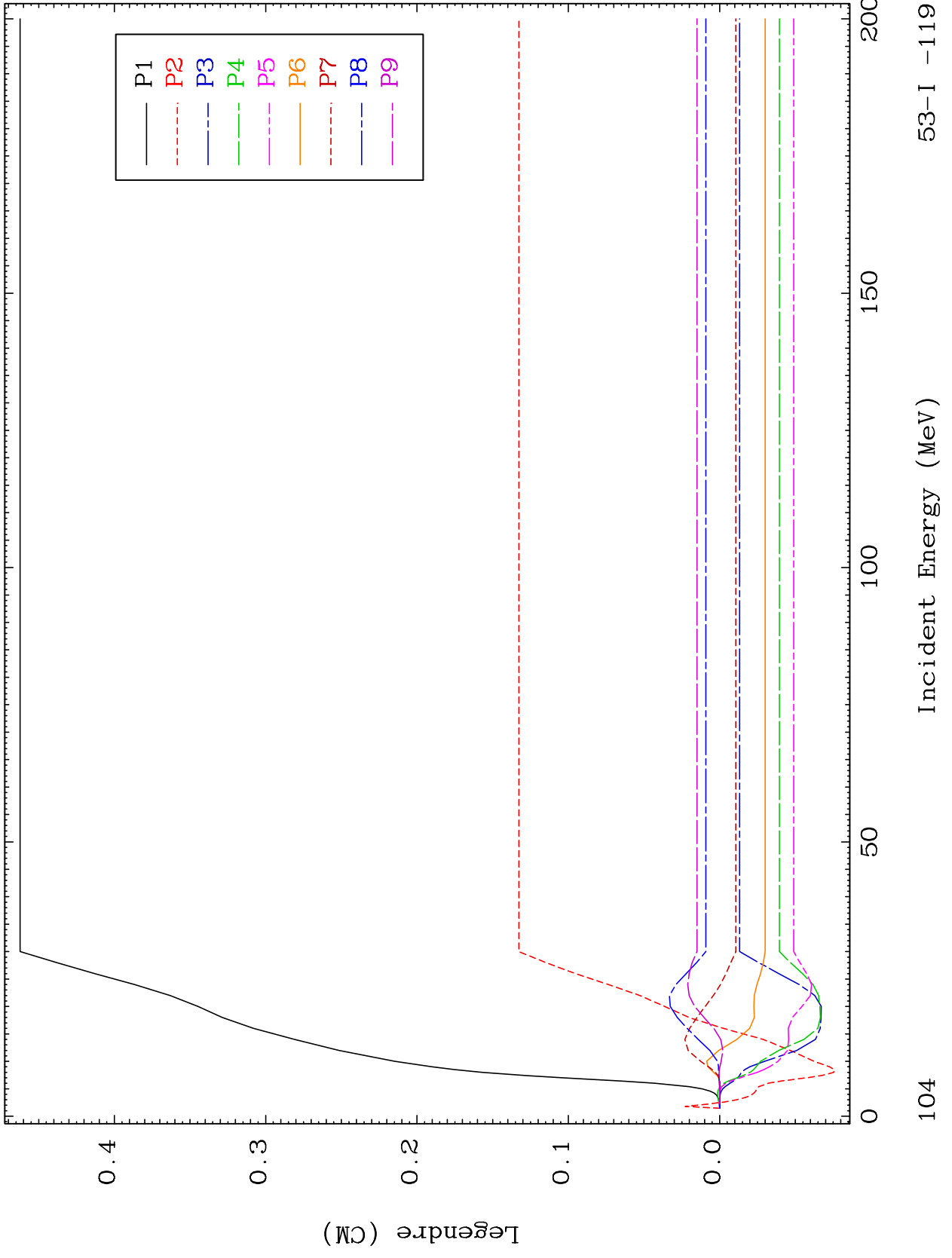
101

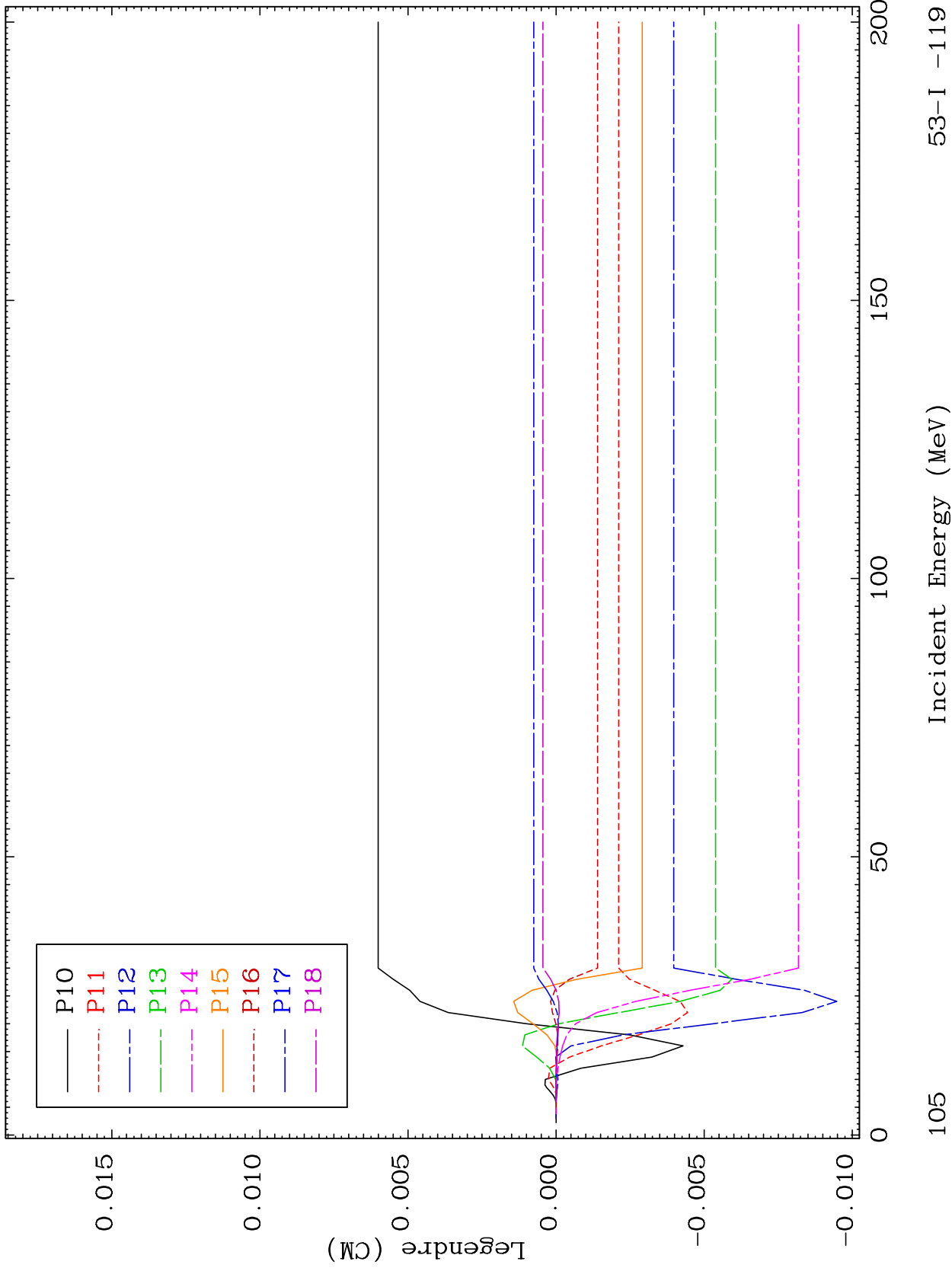
Incident Energy (MeV)

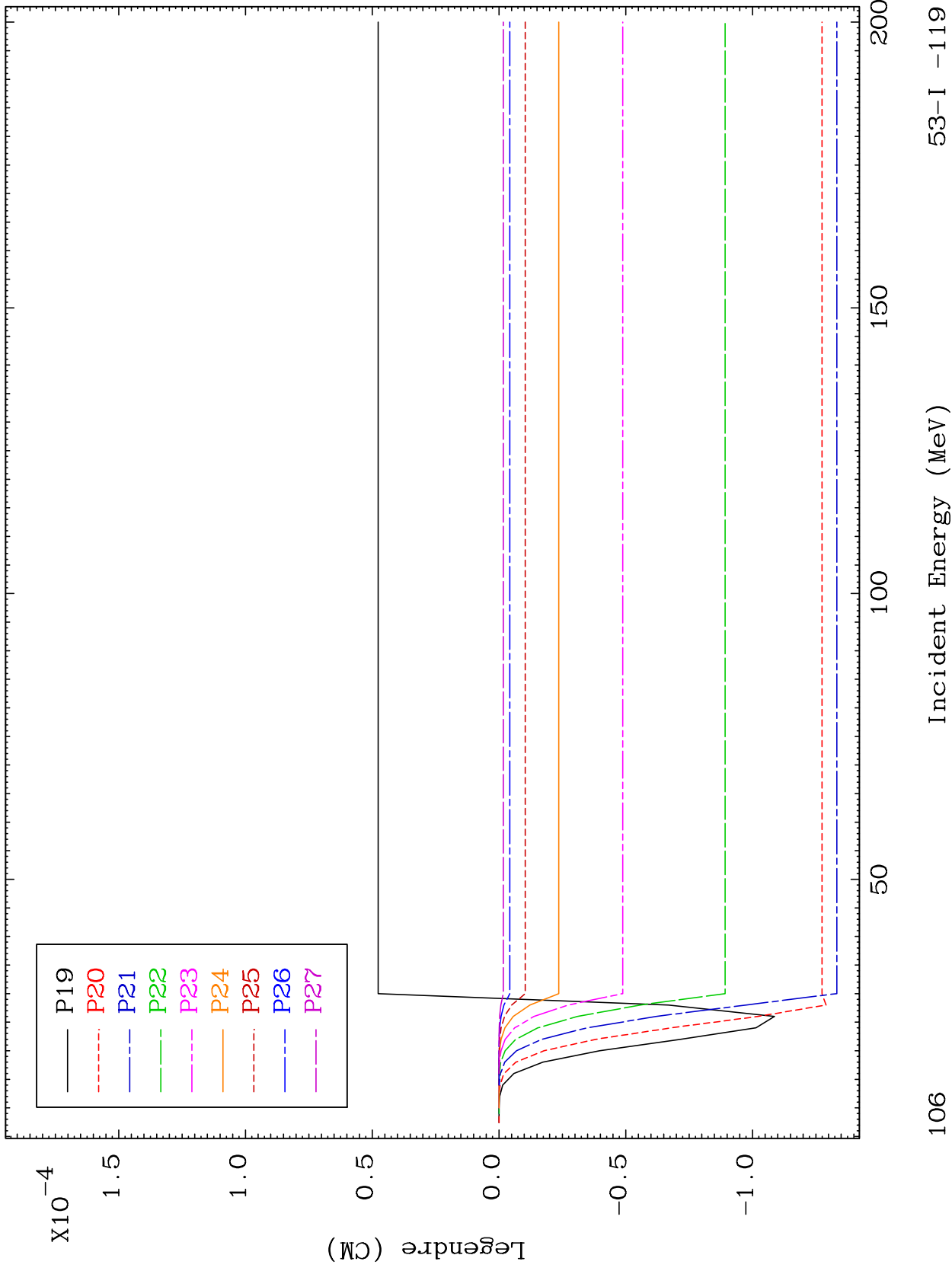
53-I -119









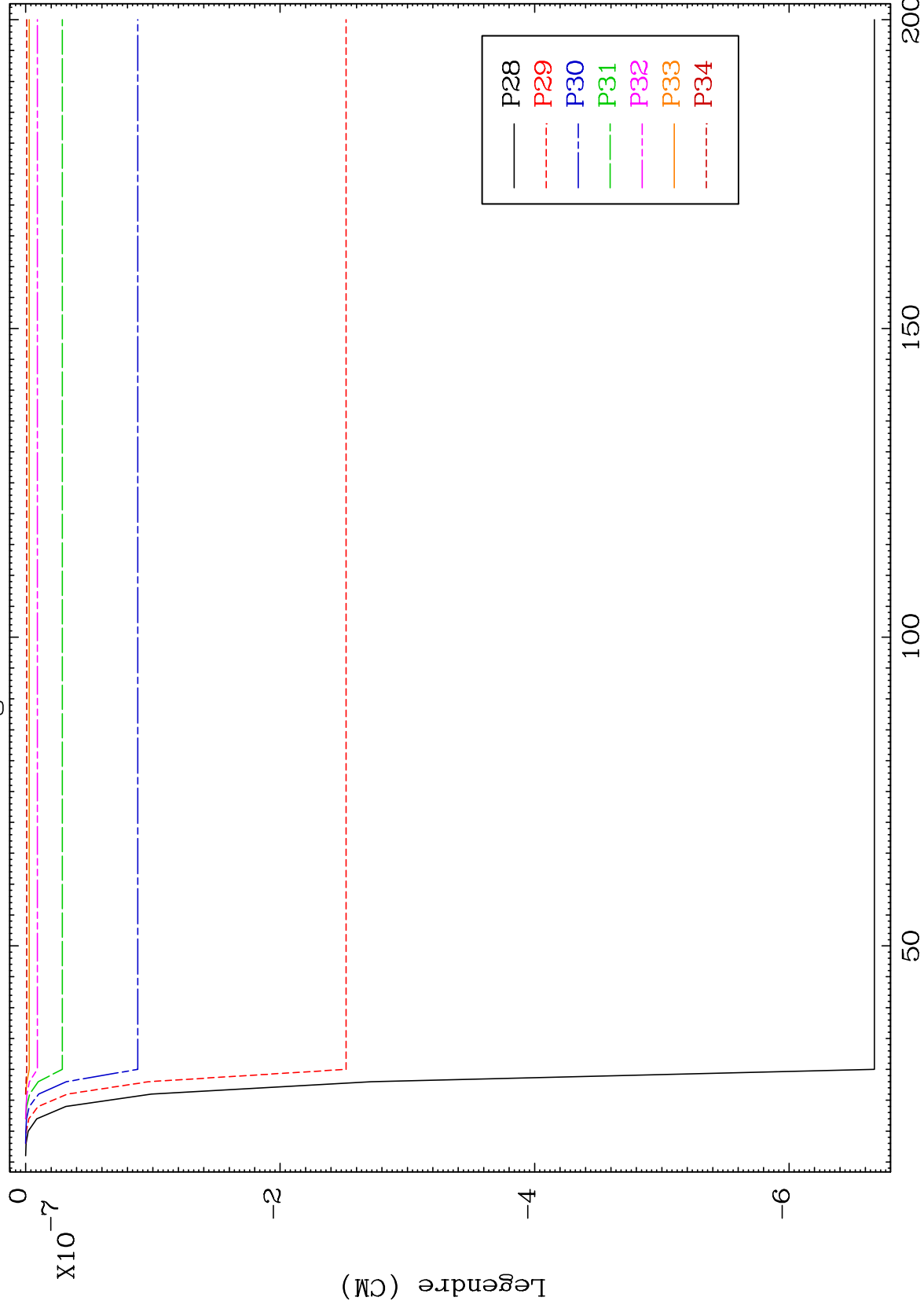


MAT 5301

MT= 72 (n,n') Level

53-I -119

Legendre Coefficients



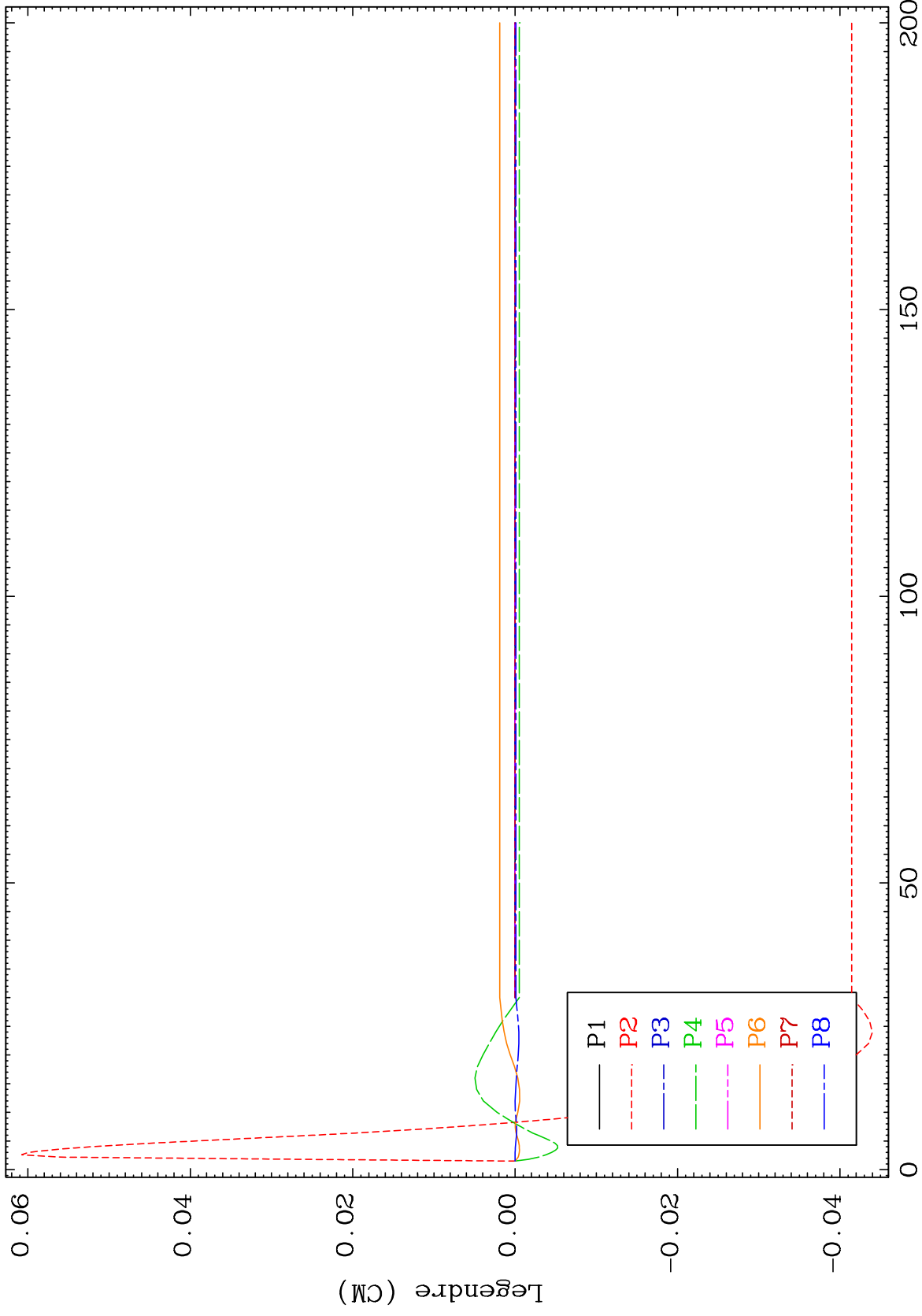
107

53-I -119

MAT 5301

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

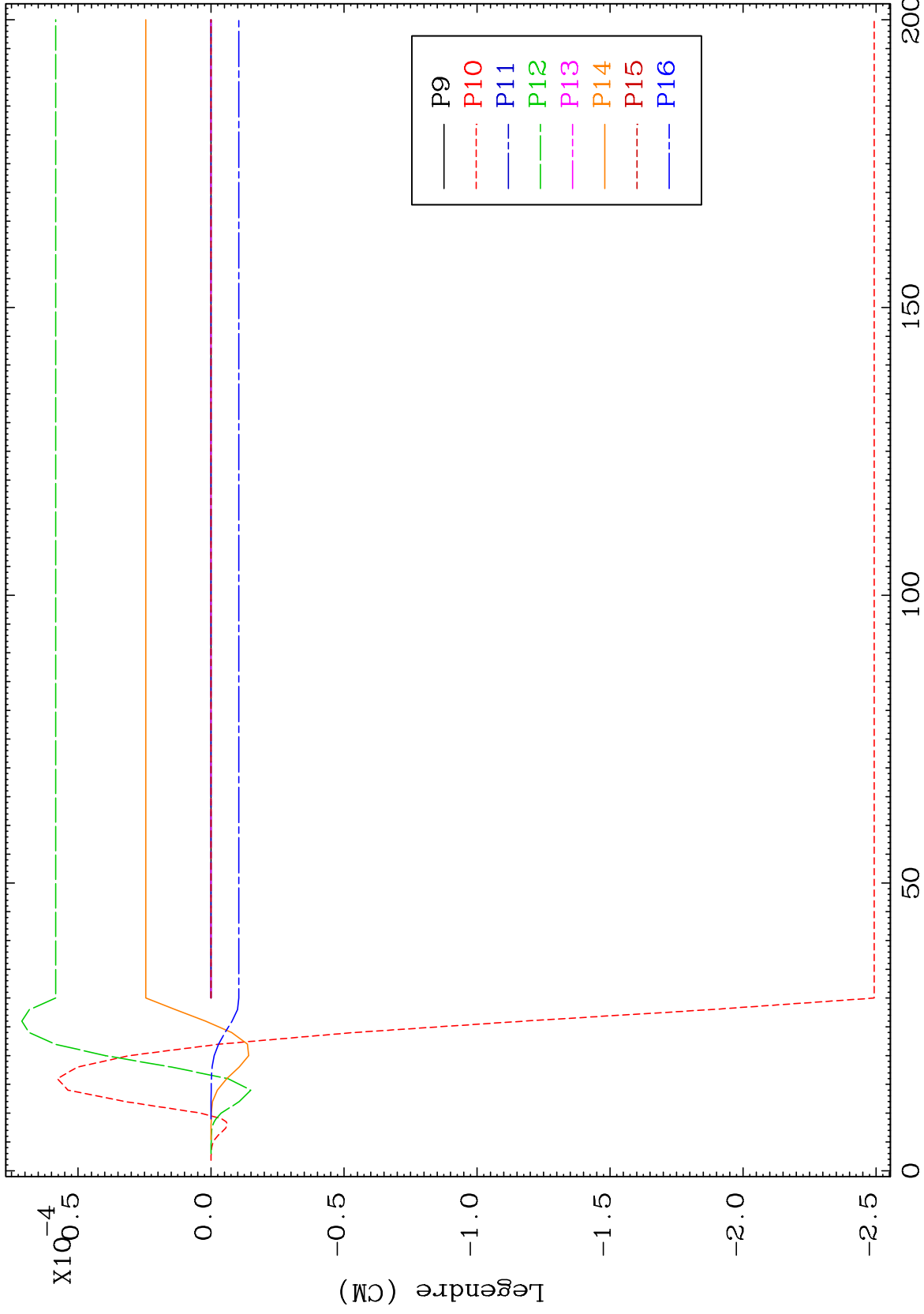
53-I -119



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Incident Energy (MeV)

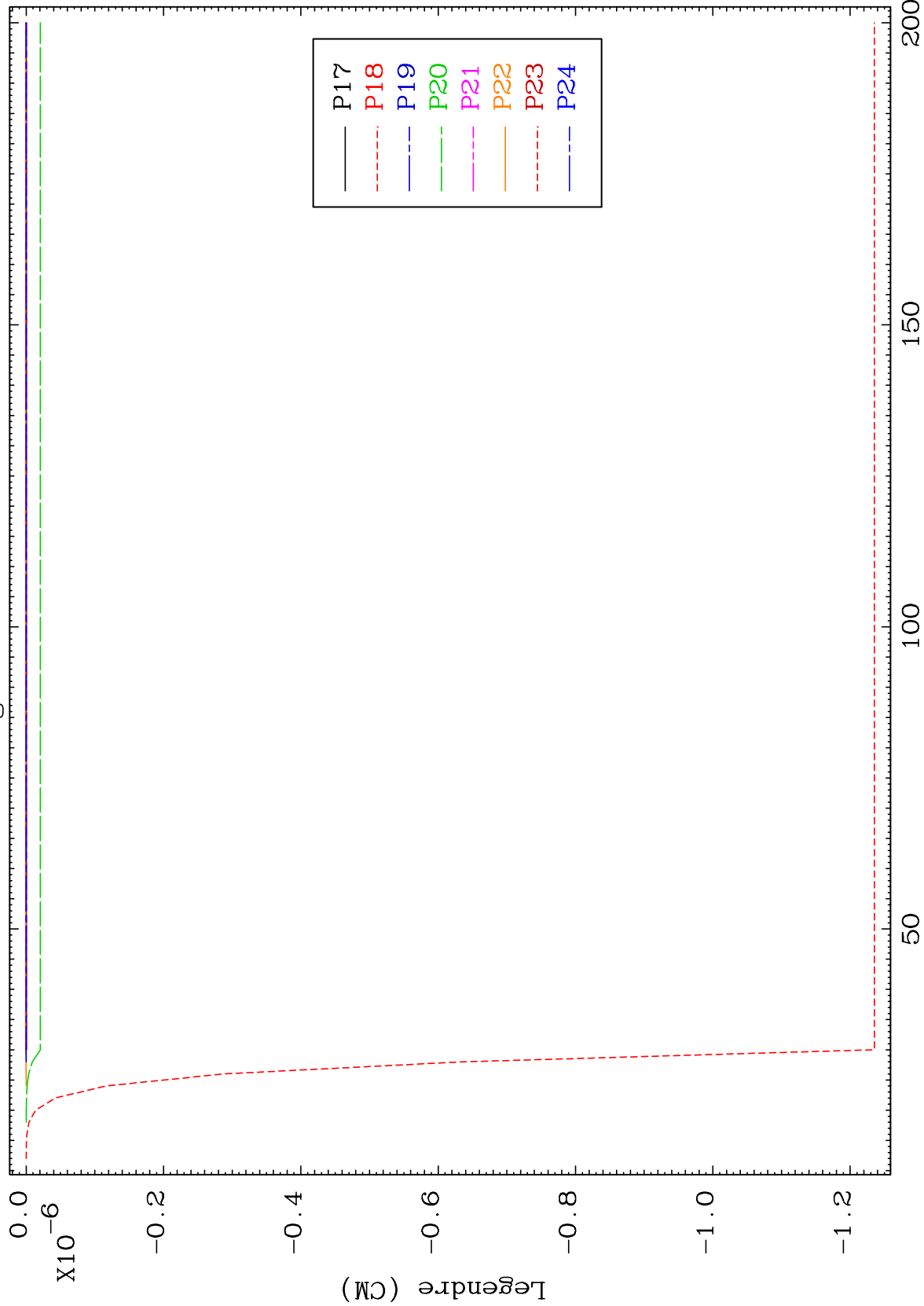
53-I -119



MAT 5301

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

53-I -119



53-I -119

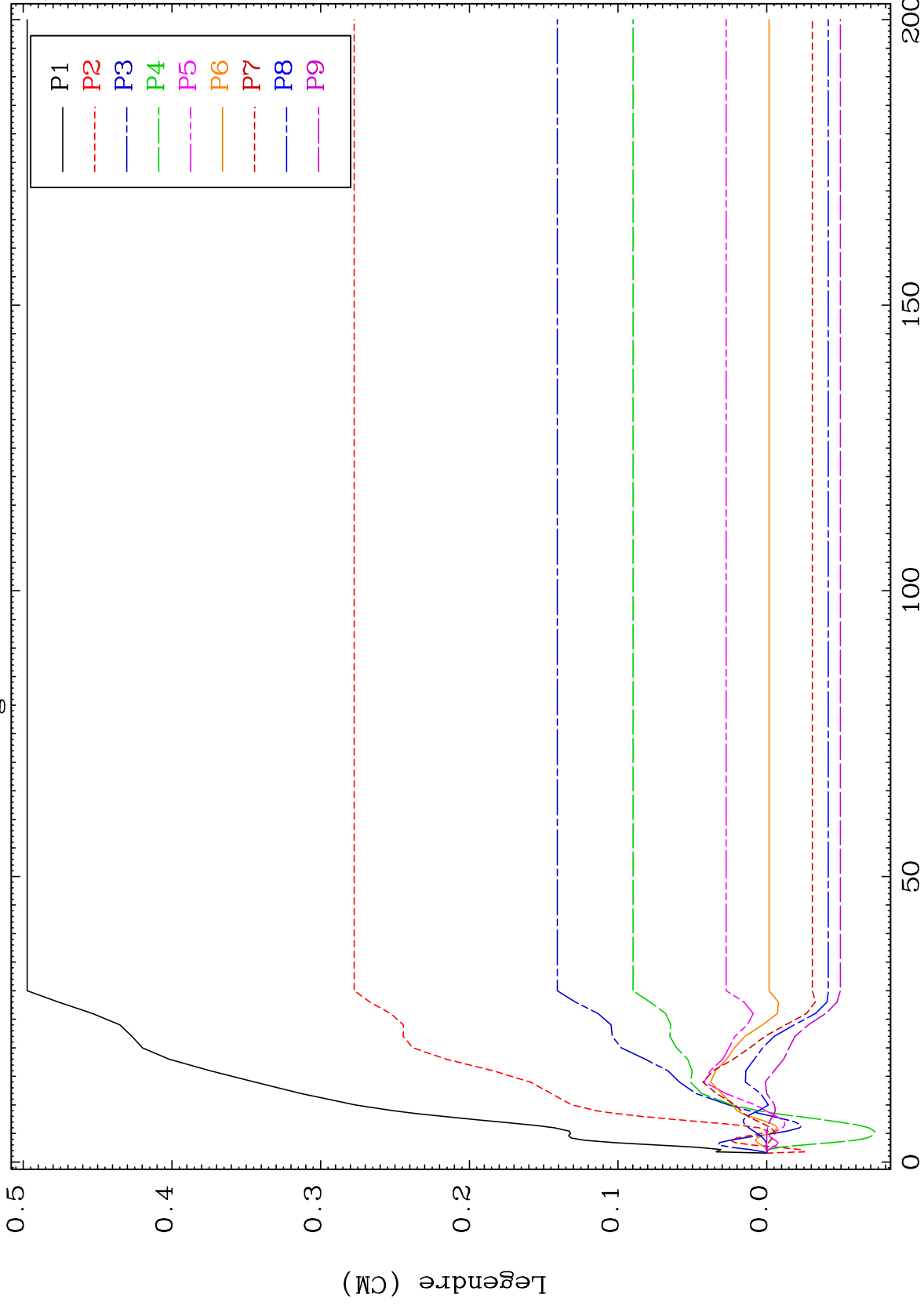
Incident Energy (MeV)

110

MAT 5301

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

53-I -119



111

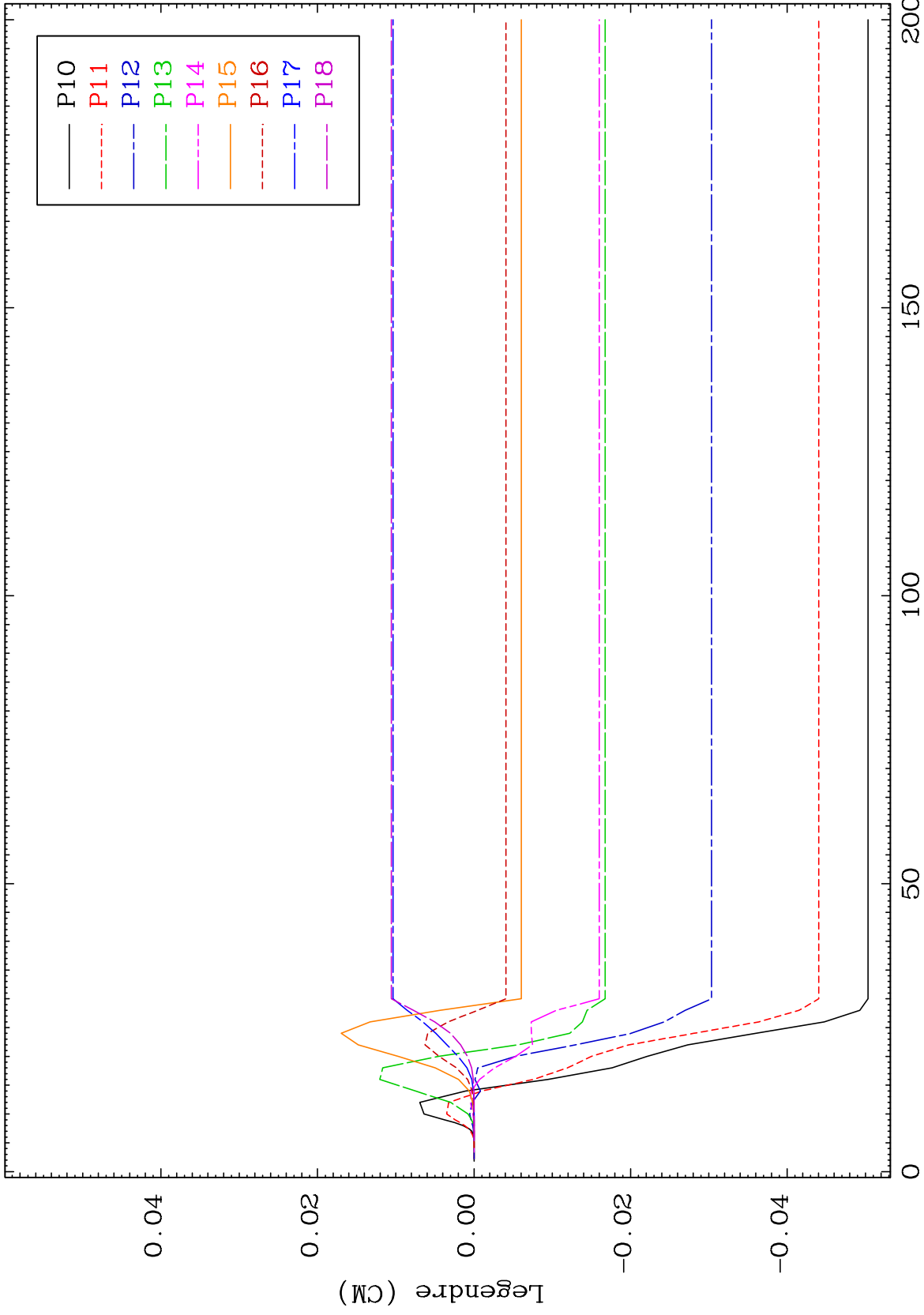
Incident Energy (MeV)

53-I -119

MAT 5301

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

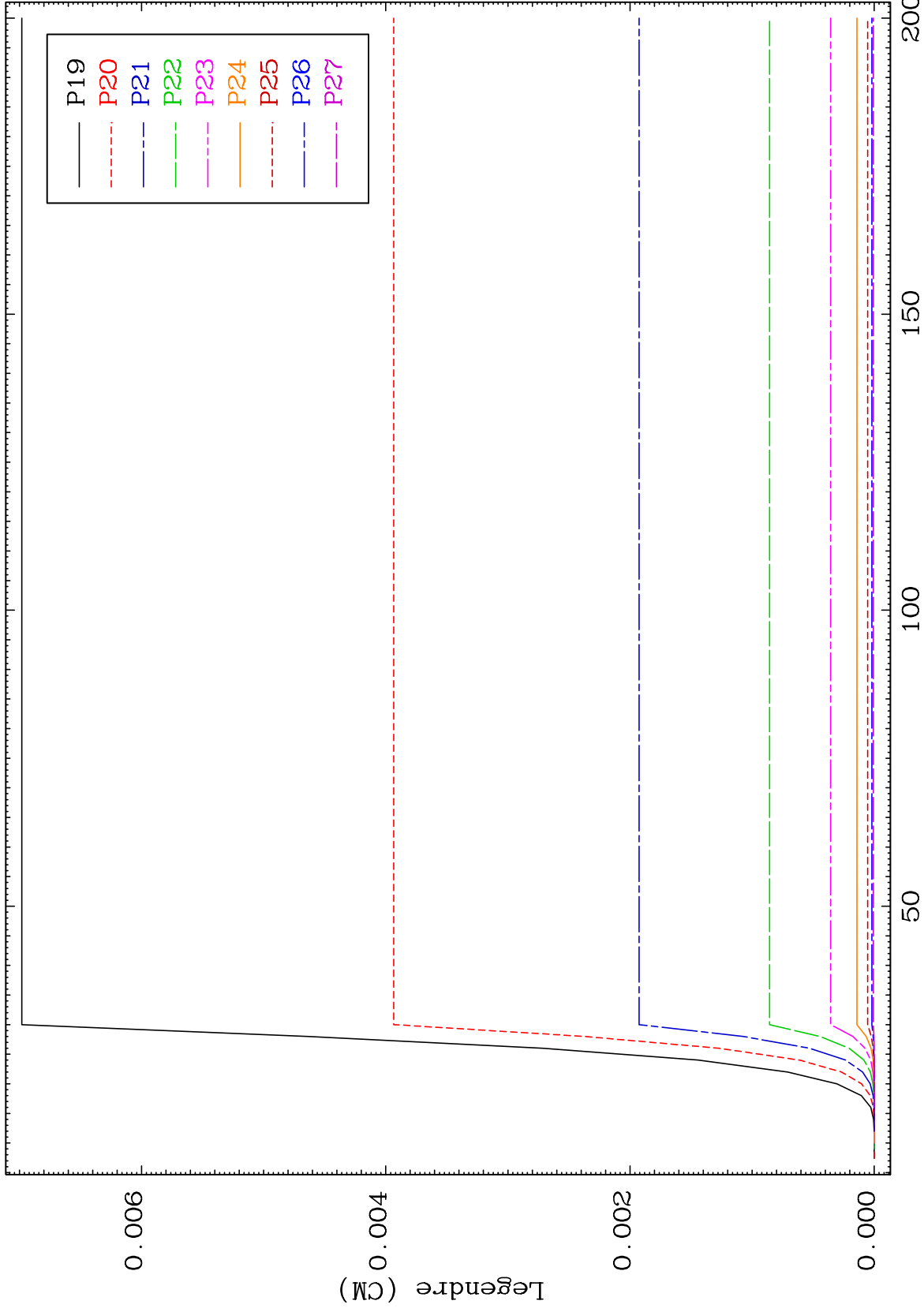
53-I -119

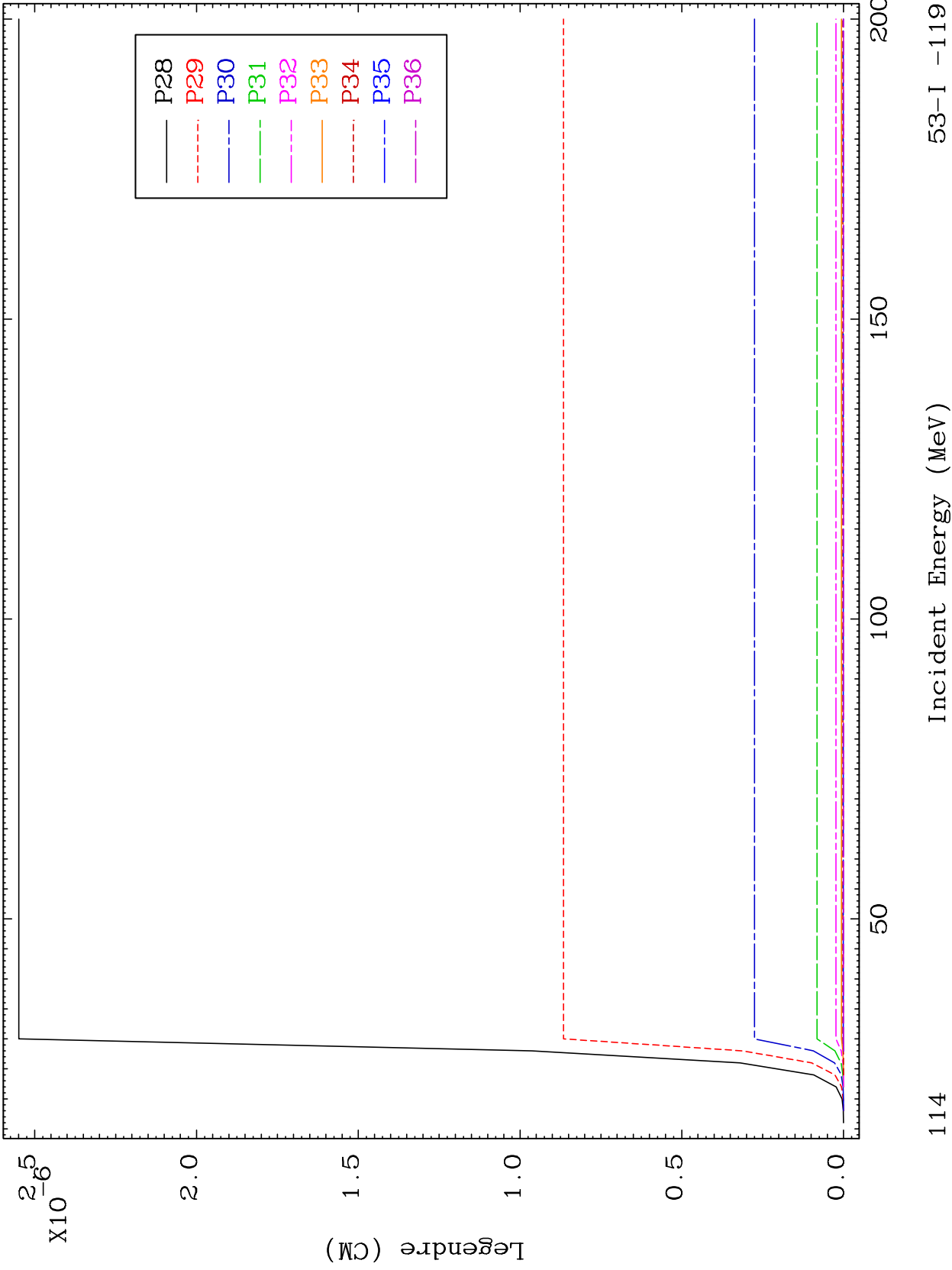


112

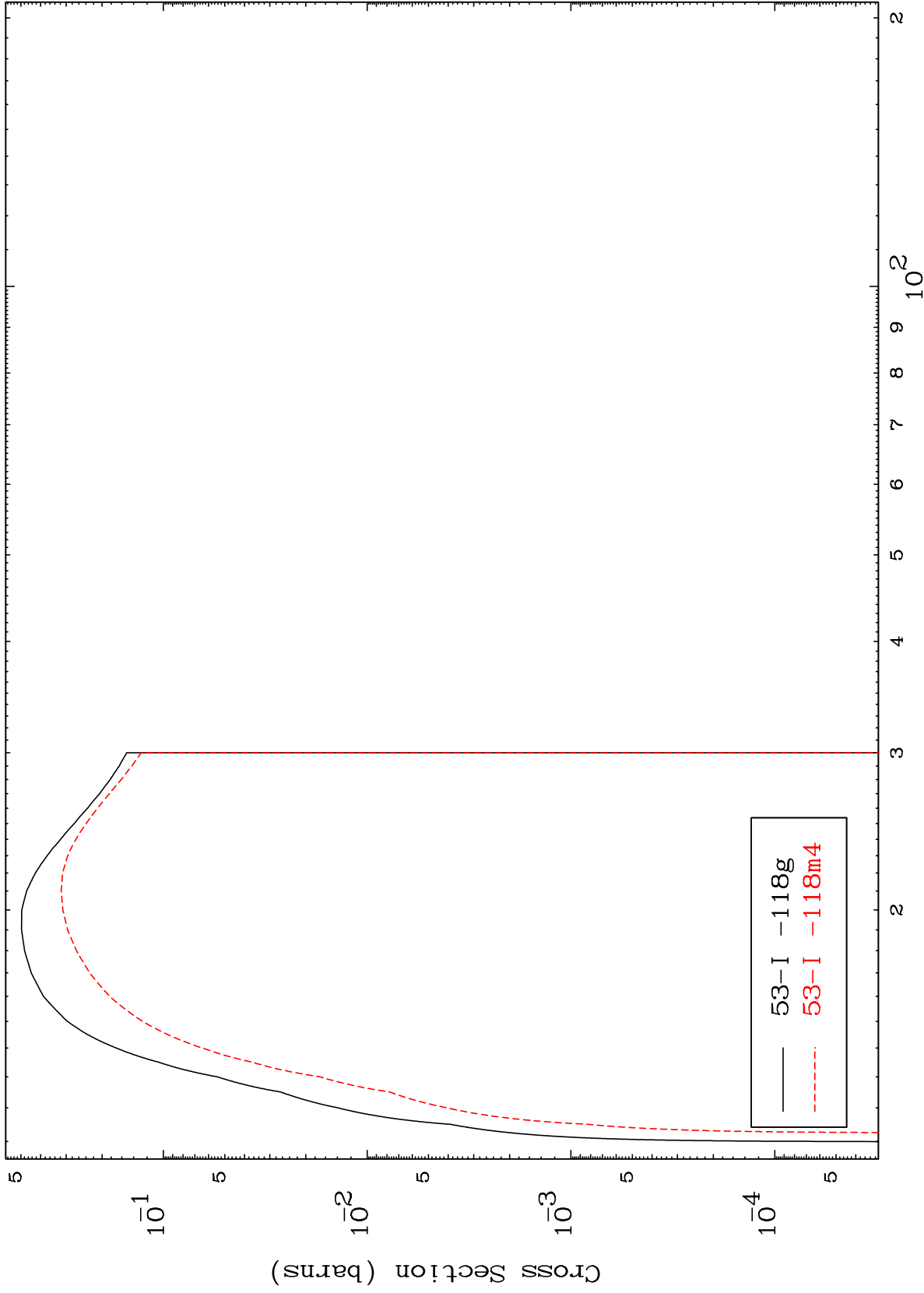
Incident Energy (MeV)

53-I -119





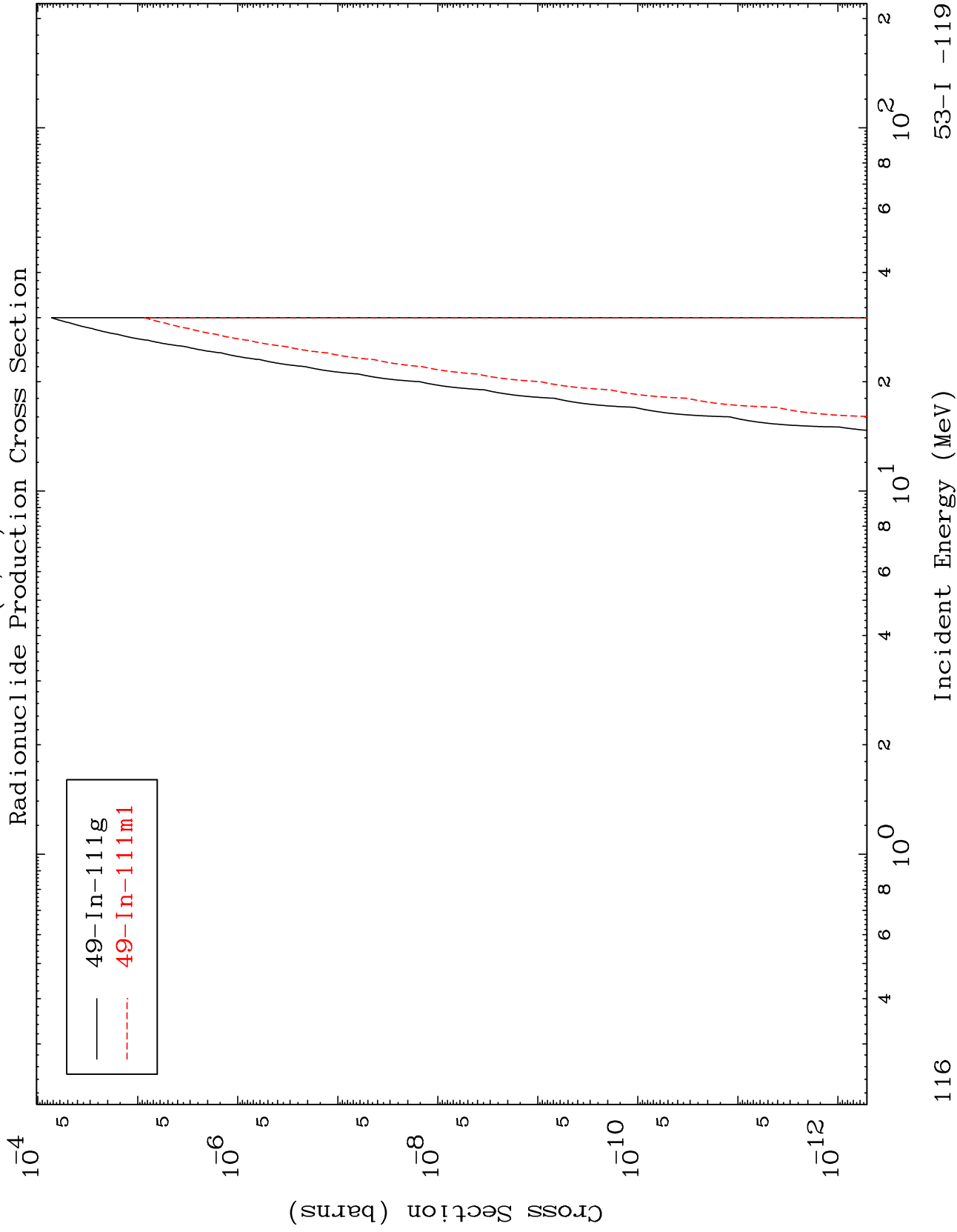
(n,2n)
Radionuclide Production Cross Section



MAT 5301

(n,n') 2α

53-I -119



116

Incident Energy (MeV)

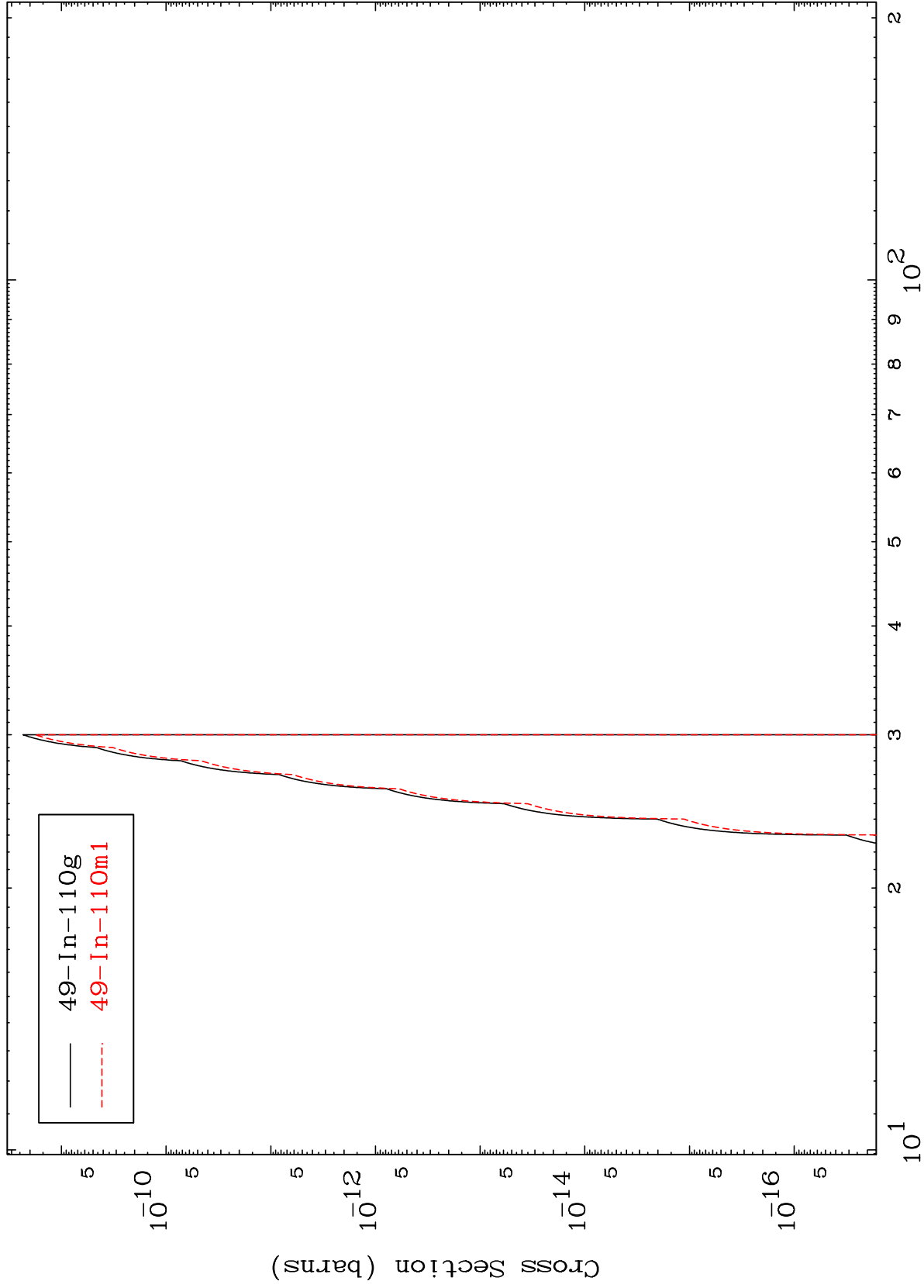
53-I -119

MAT 5301

(n,2n) 2α

53-I -119

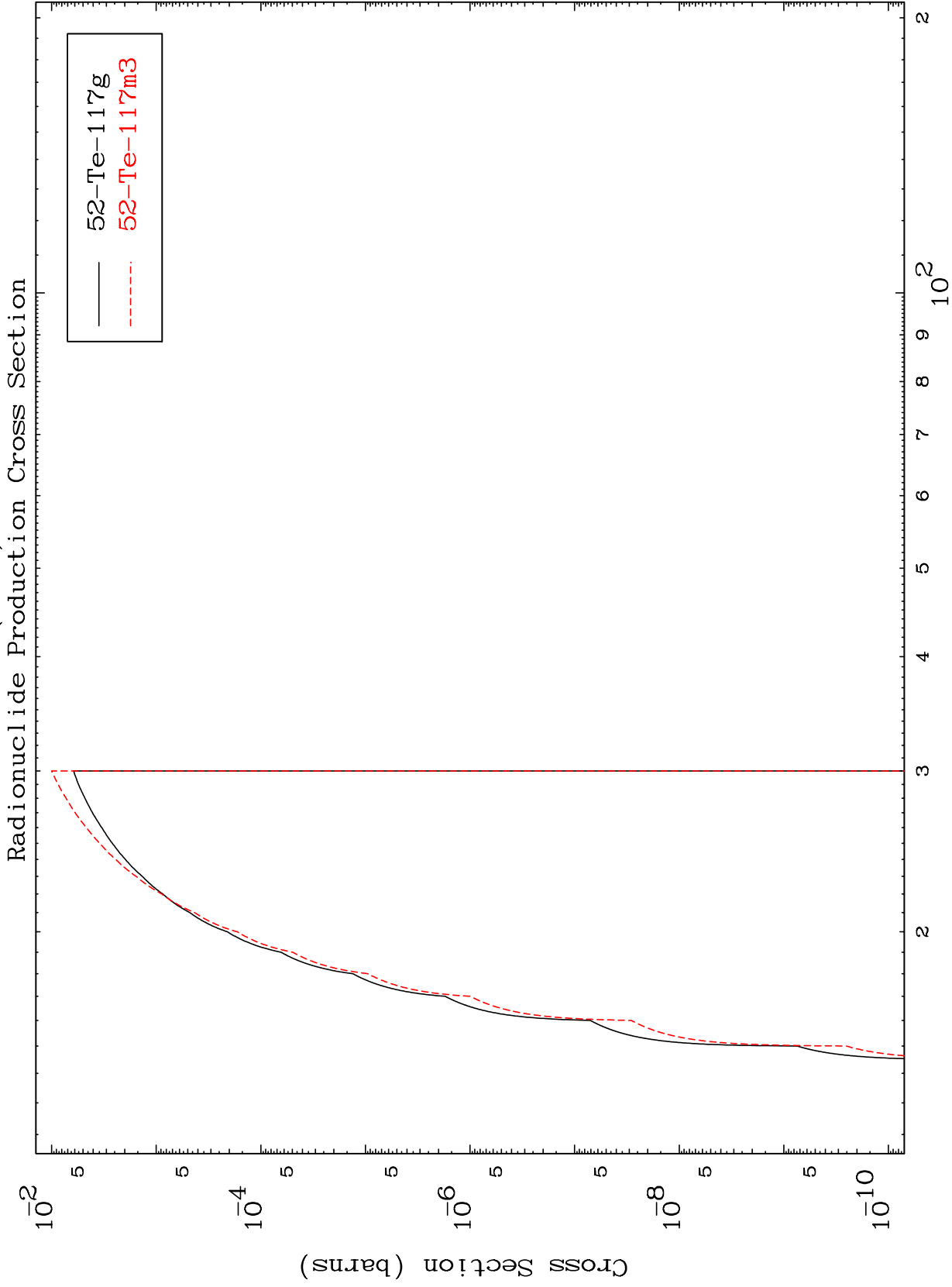
Radionuclide Production Cross Section



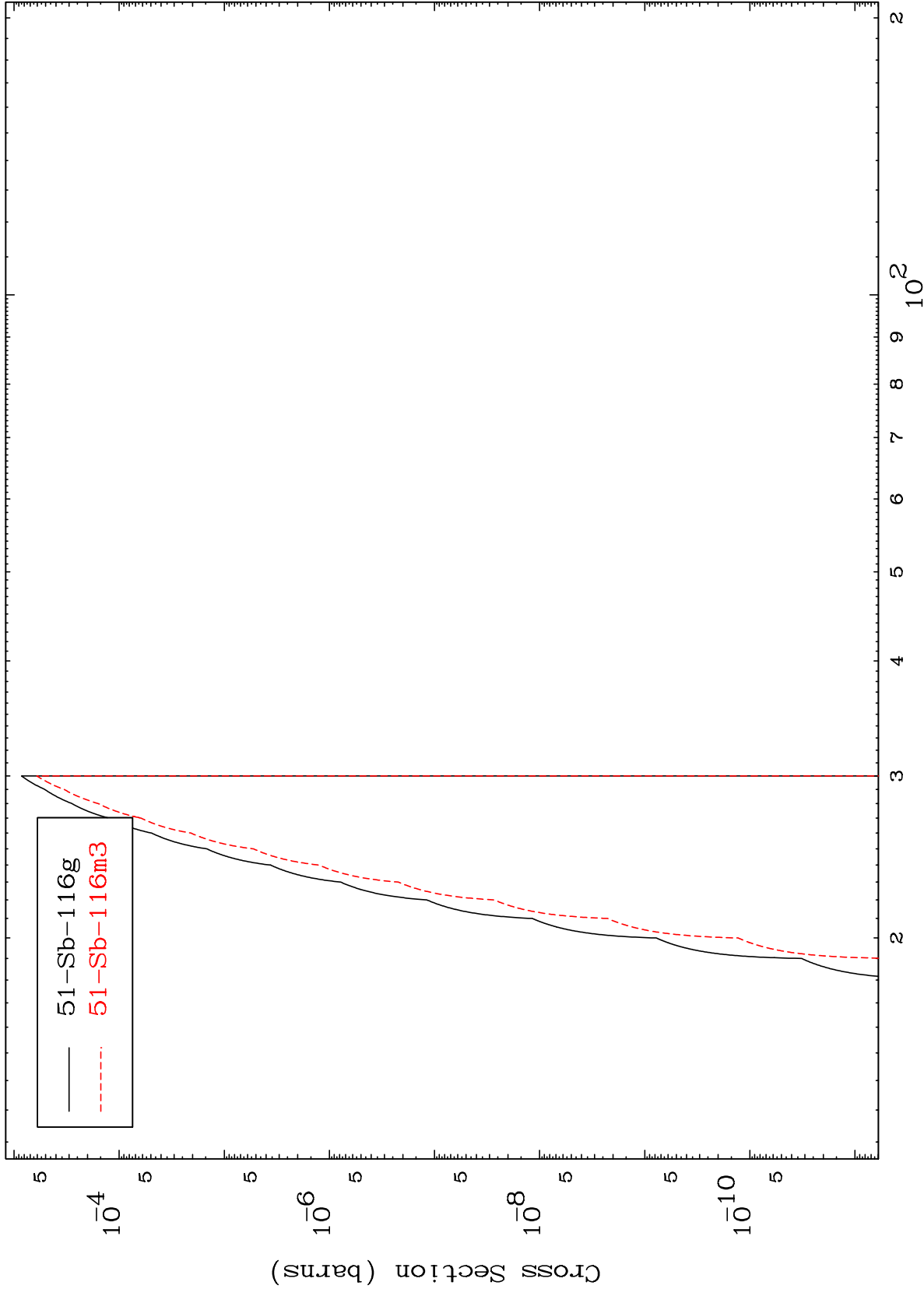
117

Incident Energy (MeV)

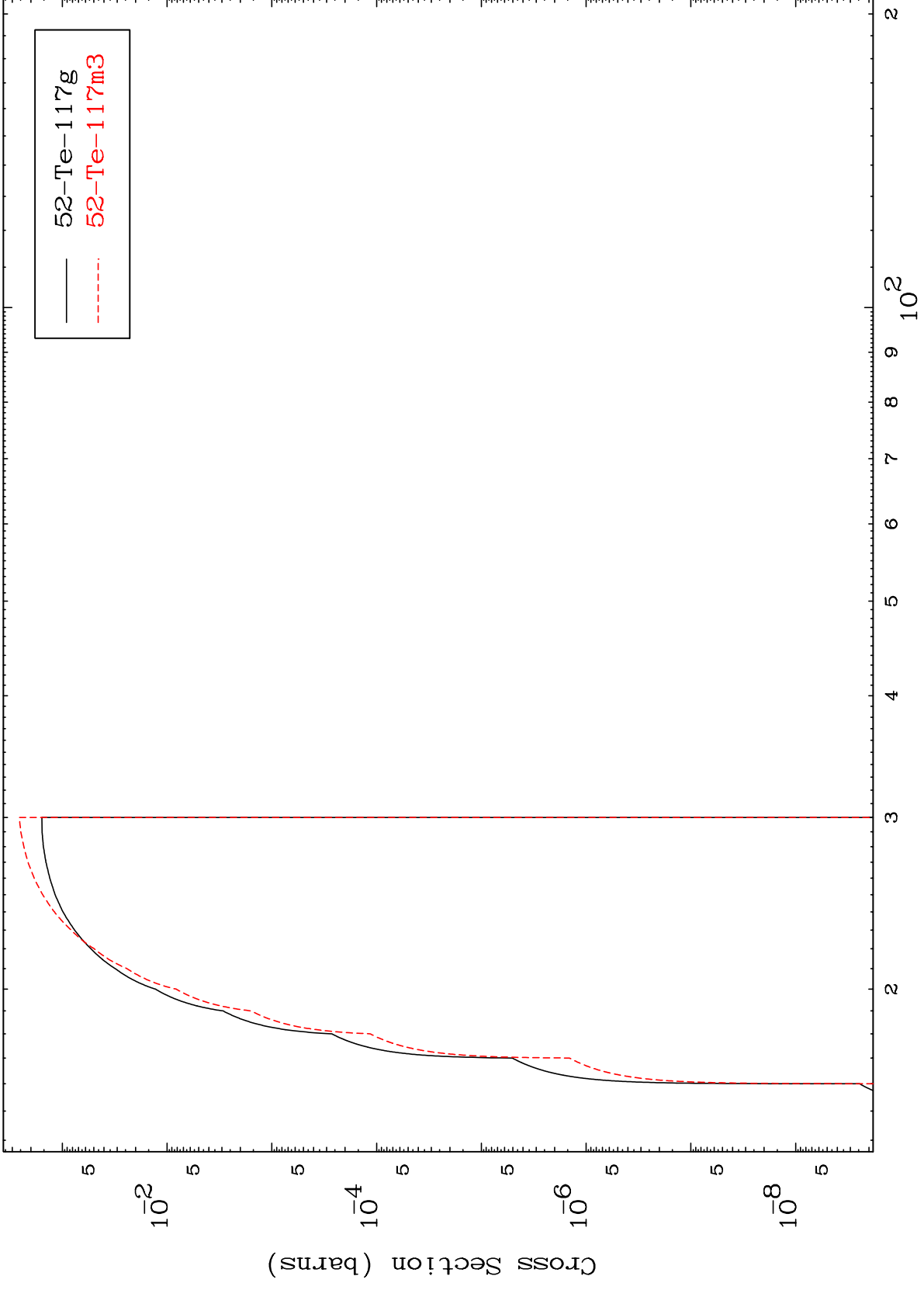
53-I -119



Radionuclide Production Cross Section

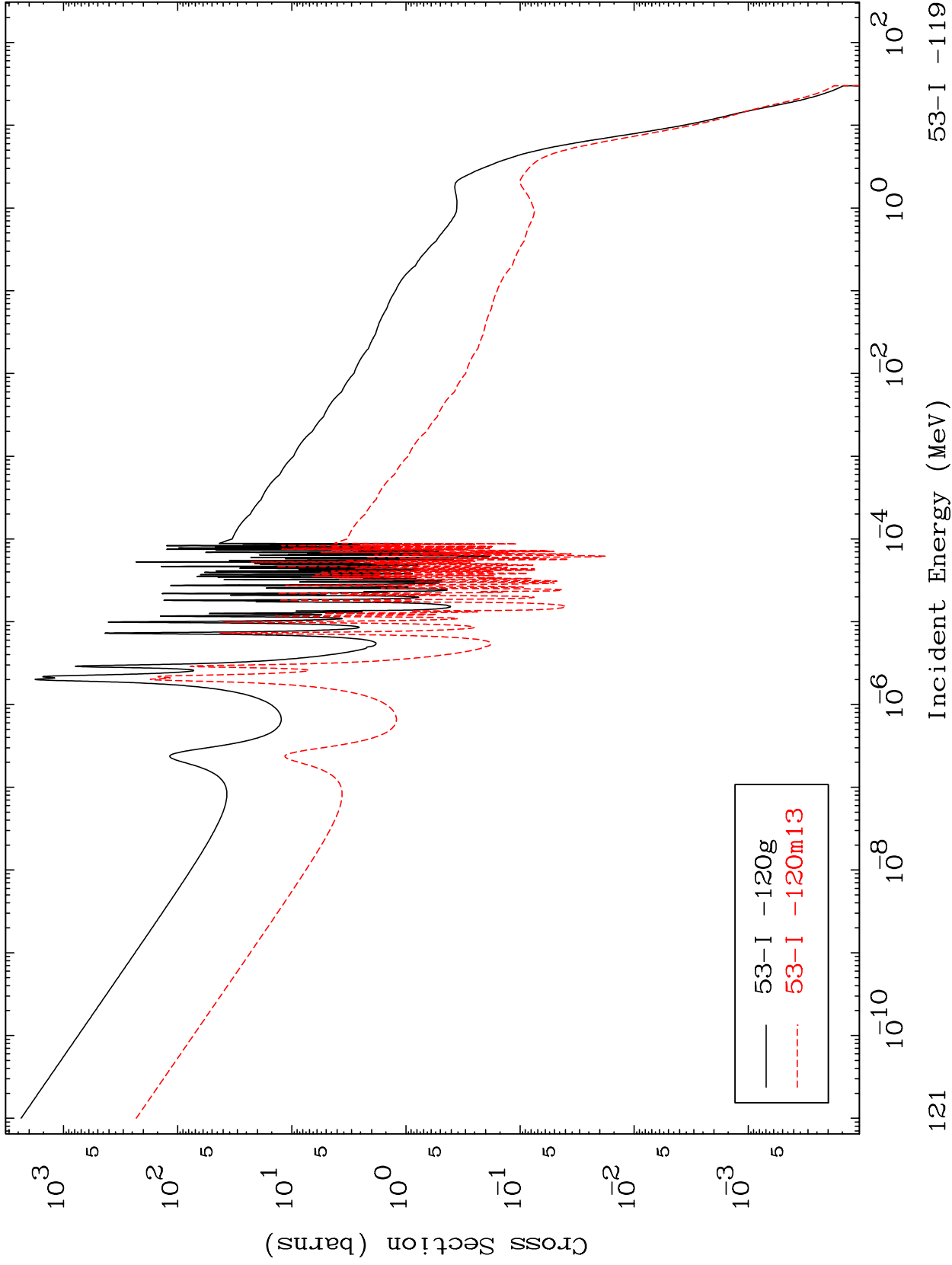


Radionuclide Production Cross Section

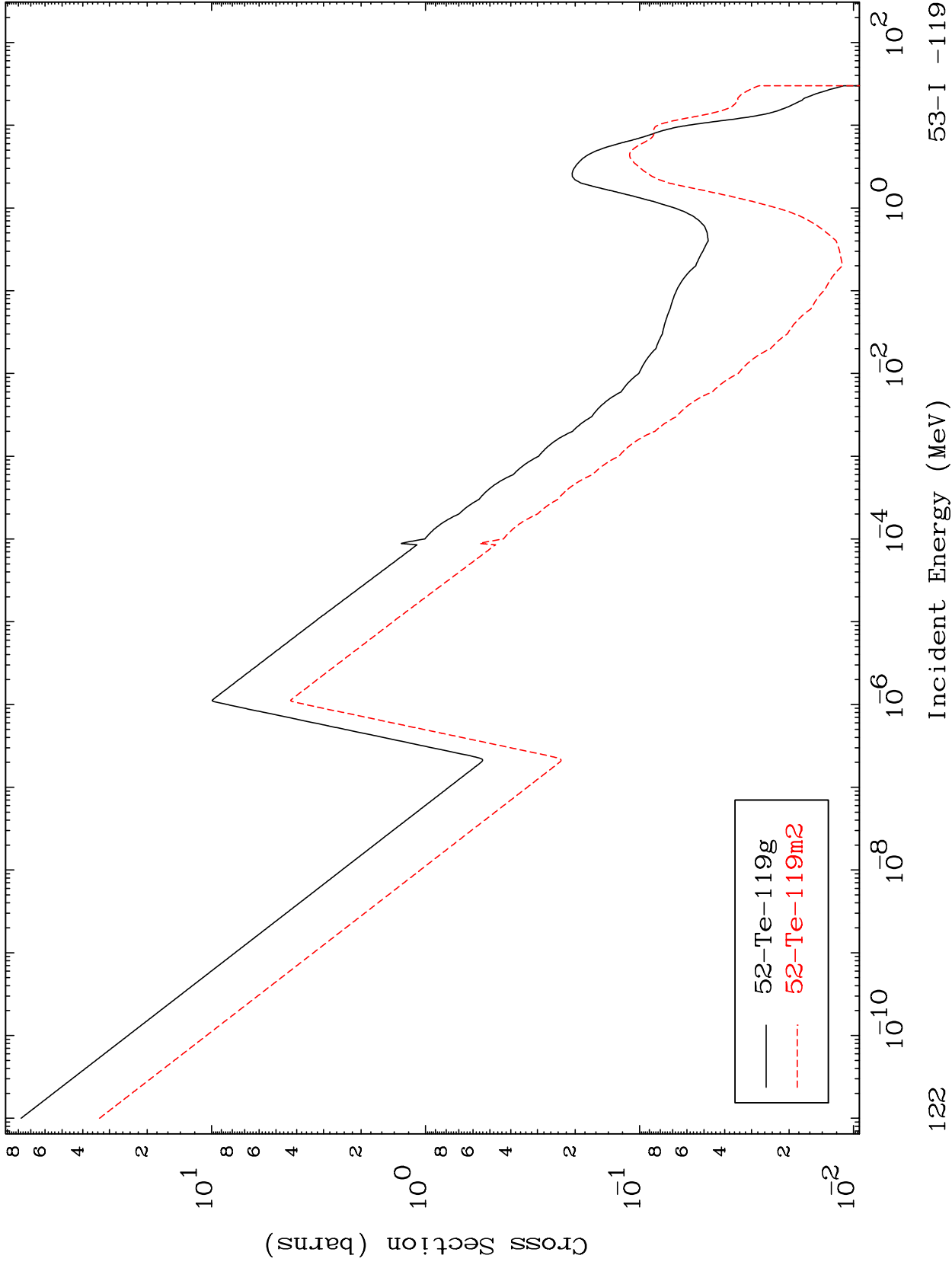


52-Te-117g
52-Te-117m3

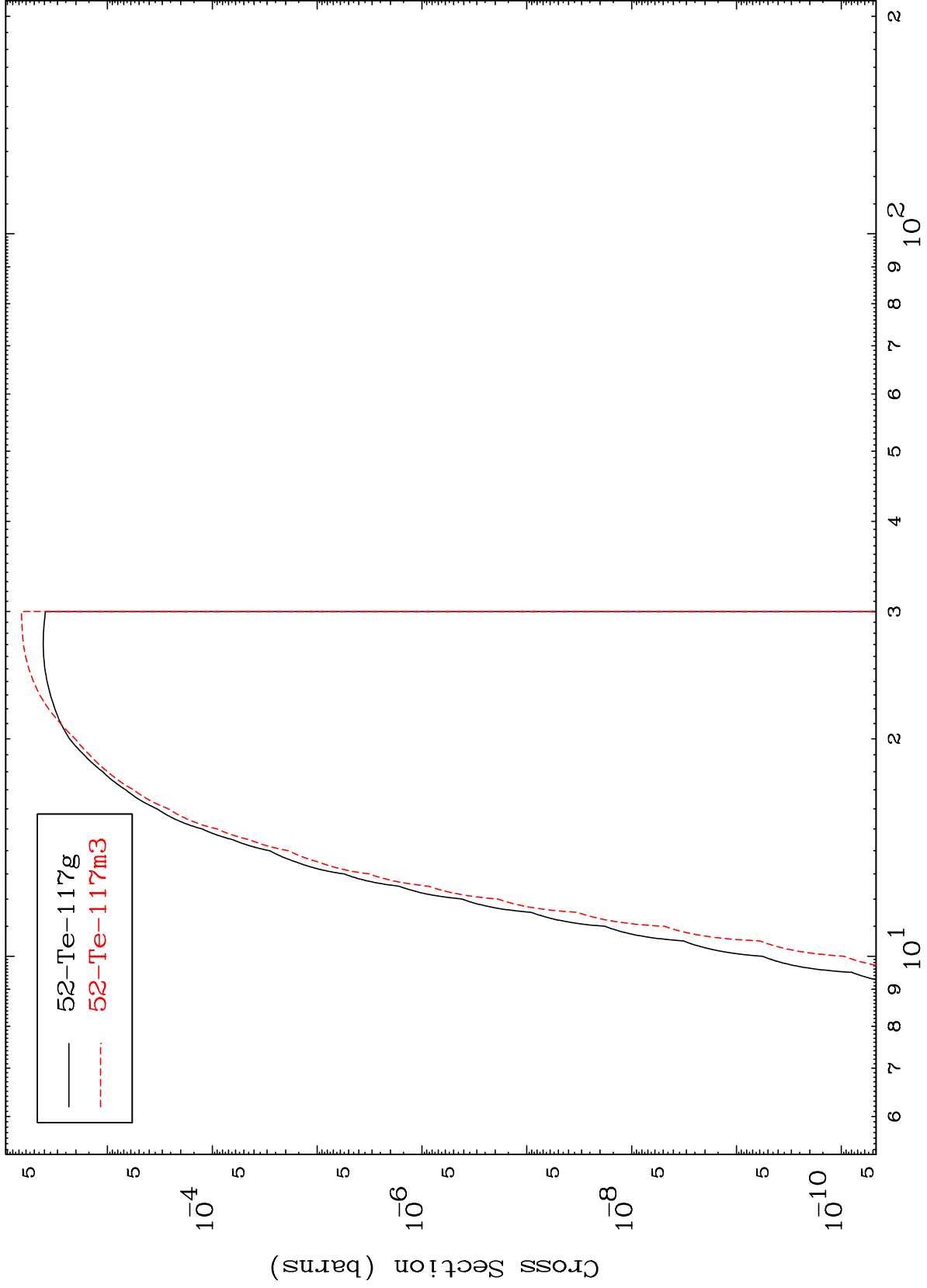
(n,γ)
Radionuclide Production Cross Section



(n,p)
Radionuclide Production Cross Section

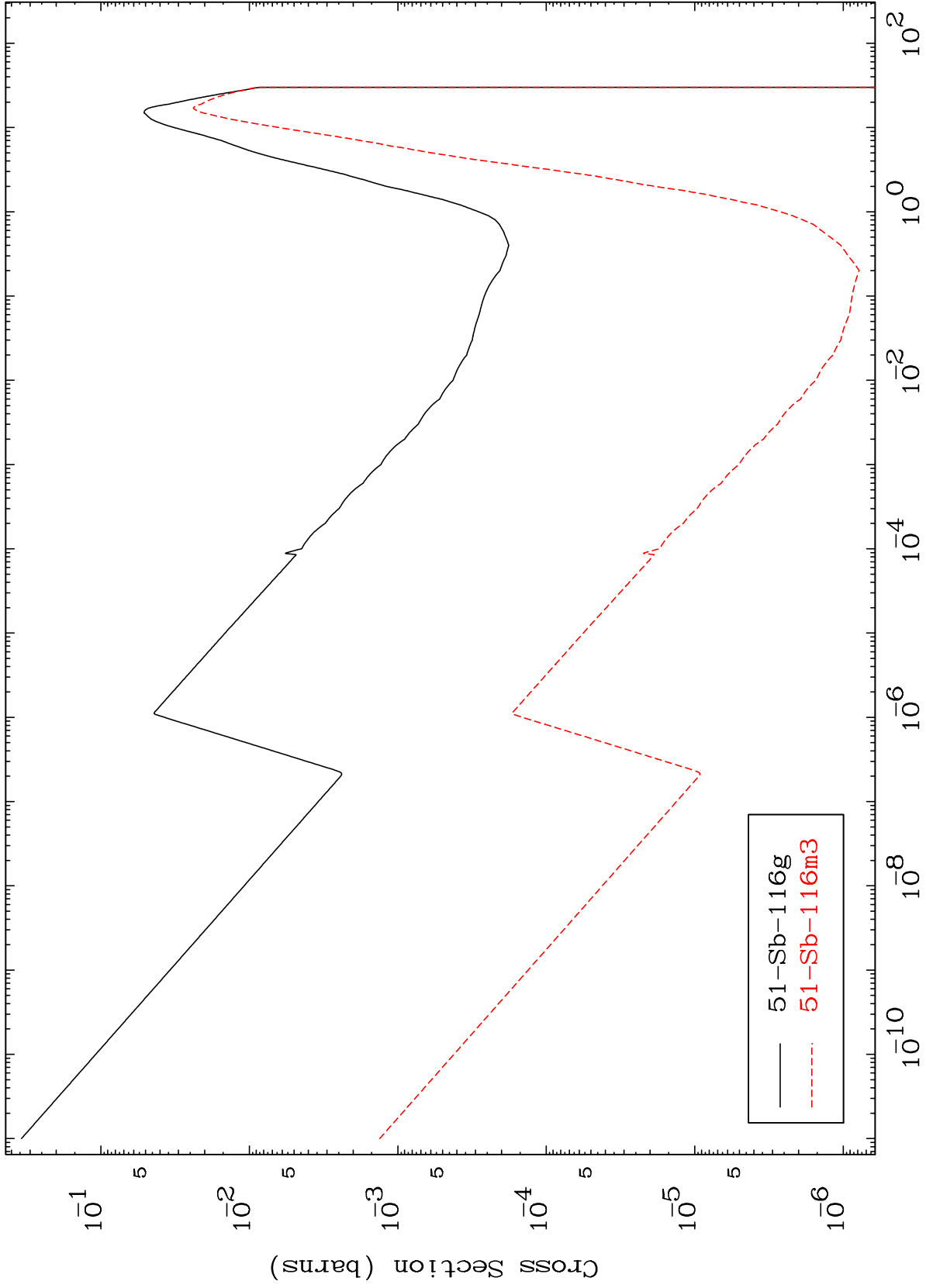


(n,t)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

(n, α)

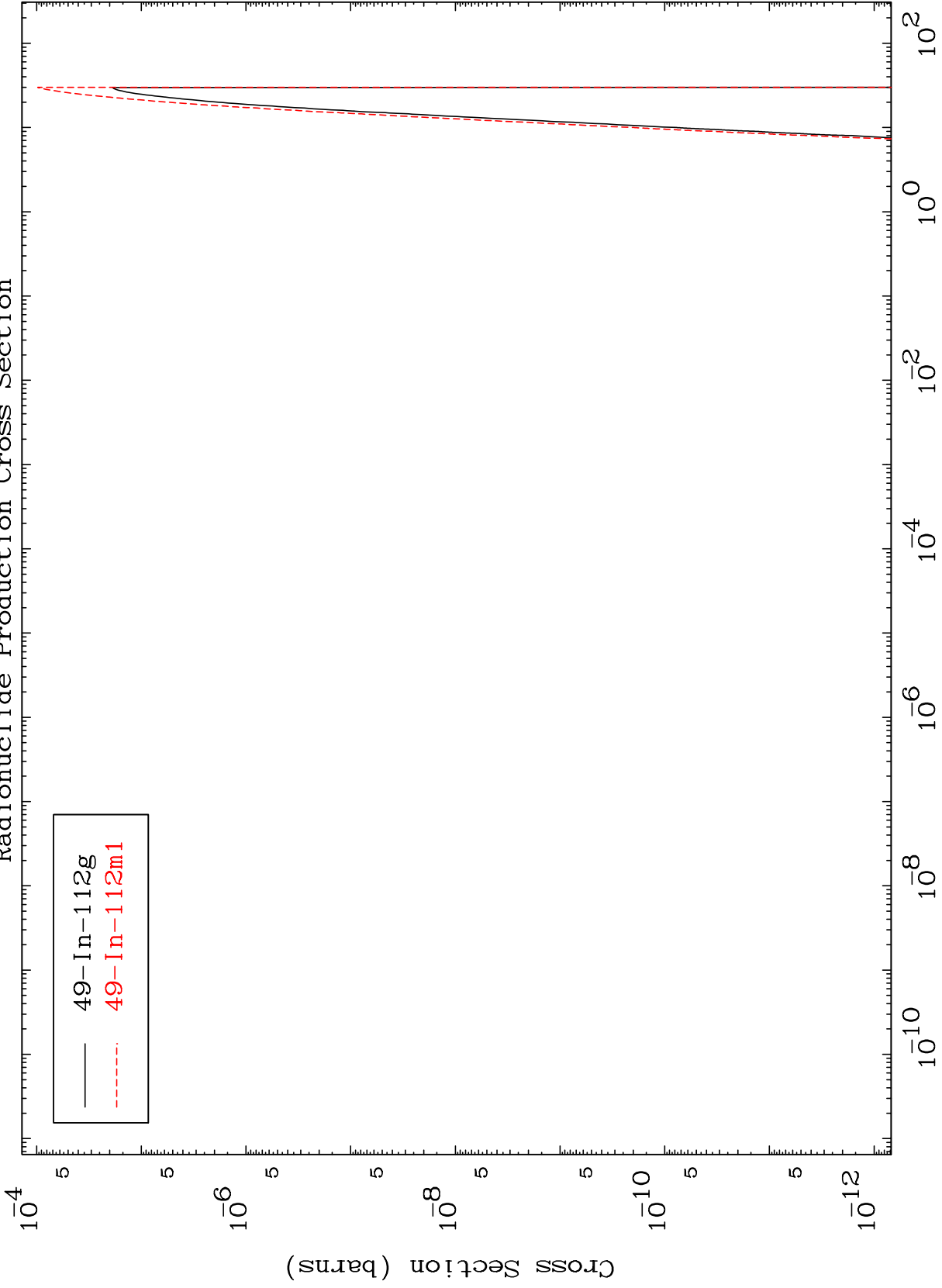


MAT 5301

(n,2α)

53-I -119

Radionuclide Production Cross Section



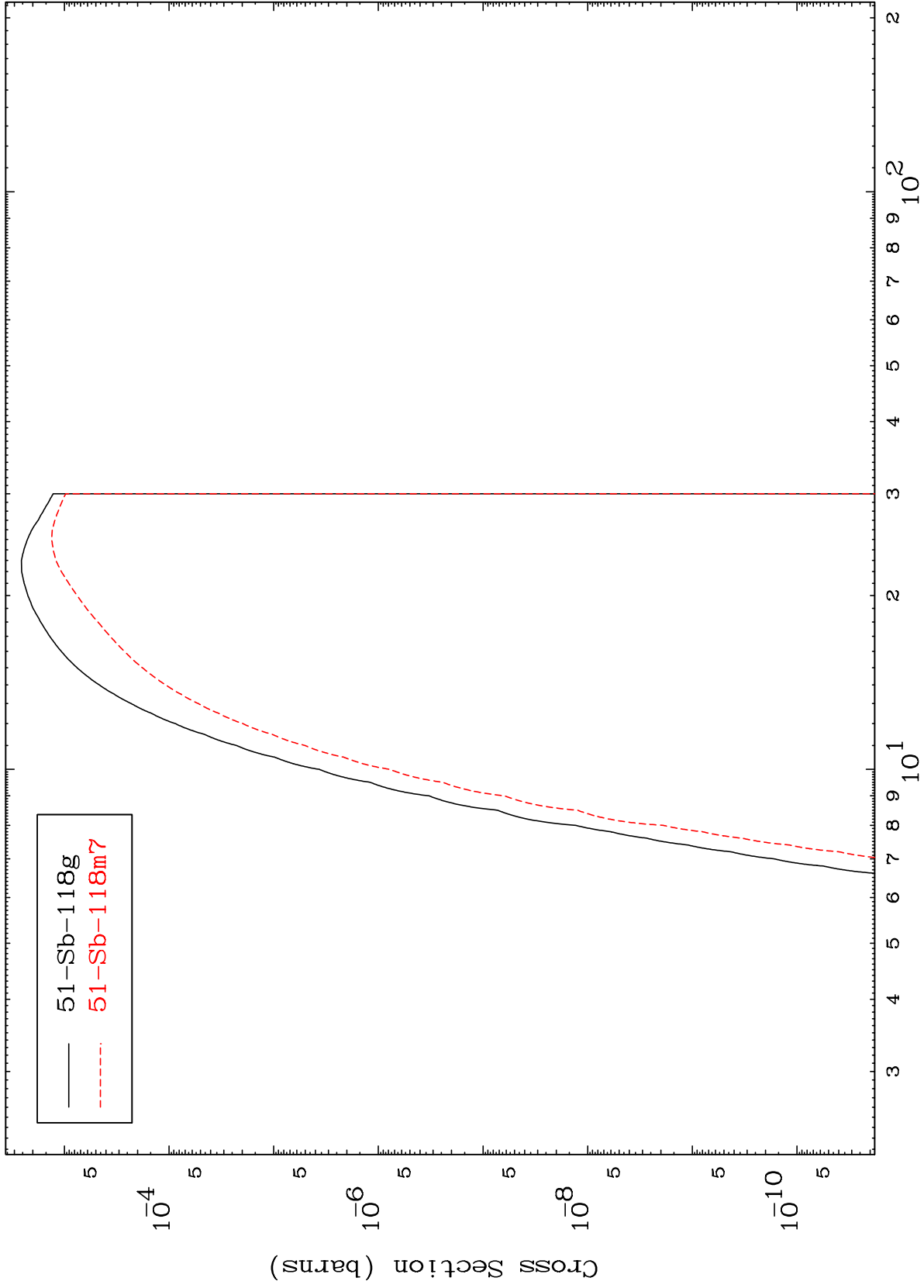
49-In-112g
49-In-112m1

125

Incident Energy (MeV)

53-I -119

(n,2p)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

