

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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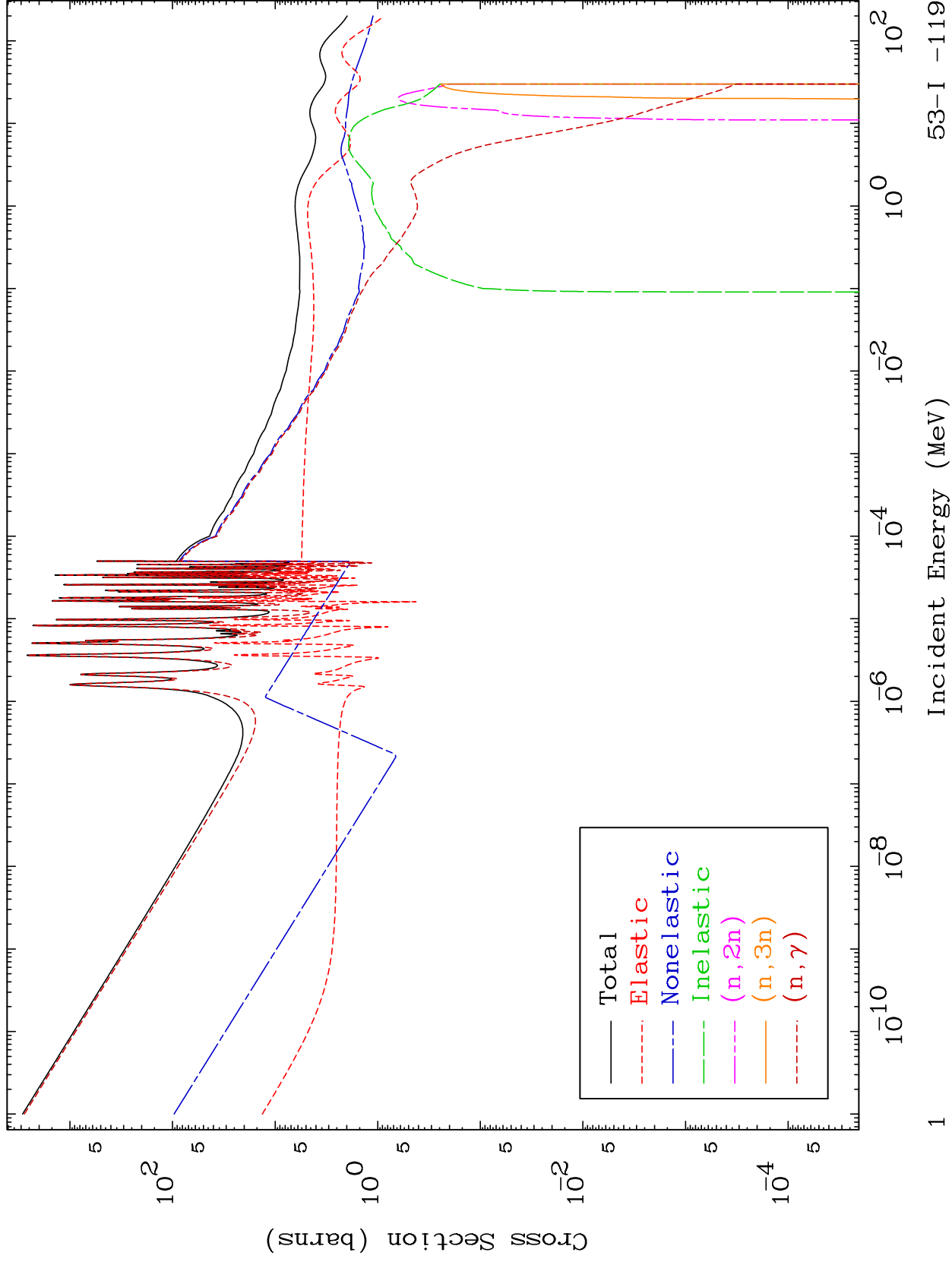
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

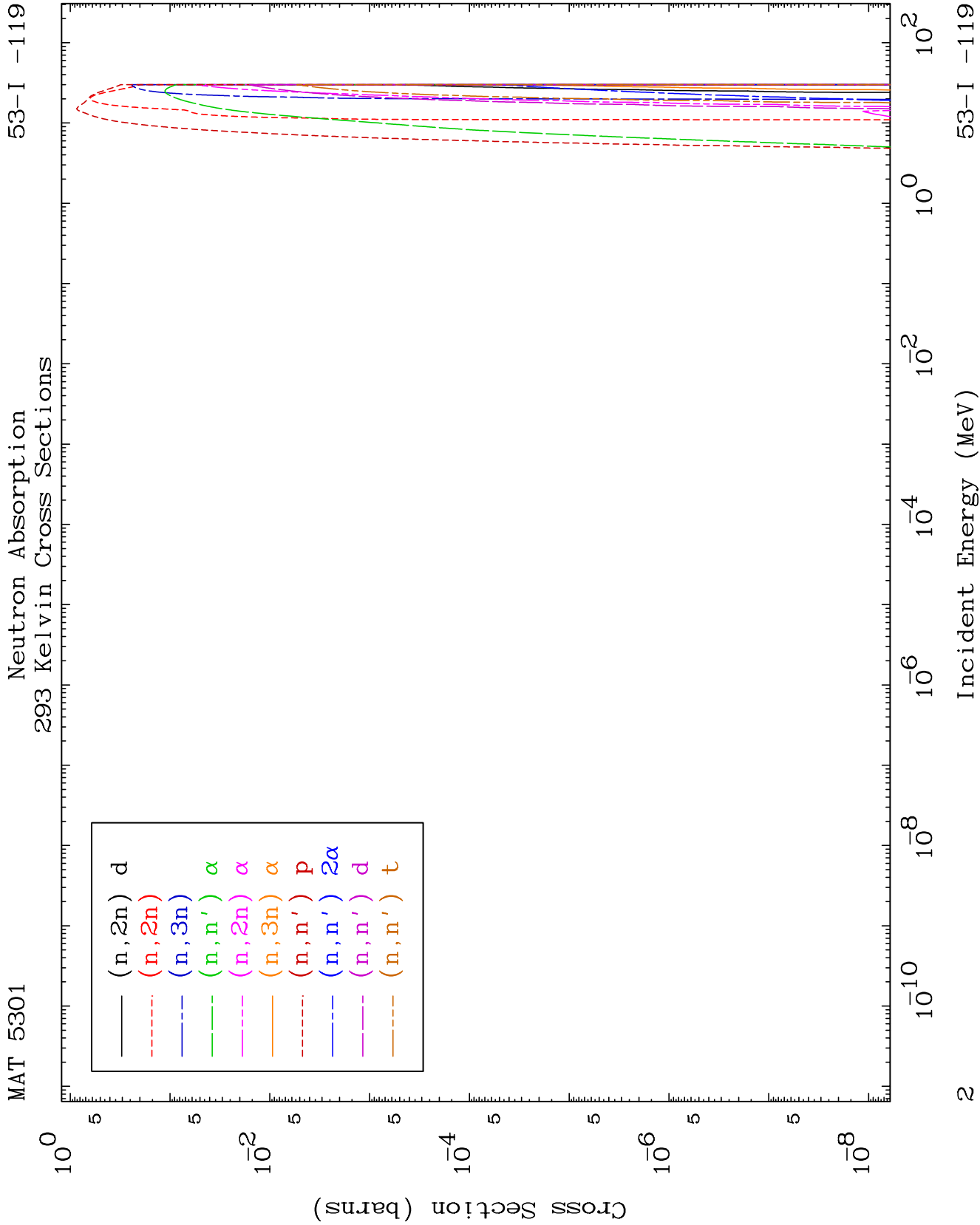
Press Mouse Button to Start

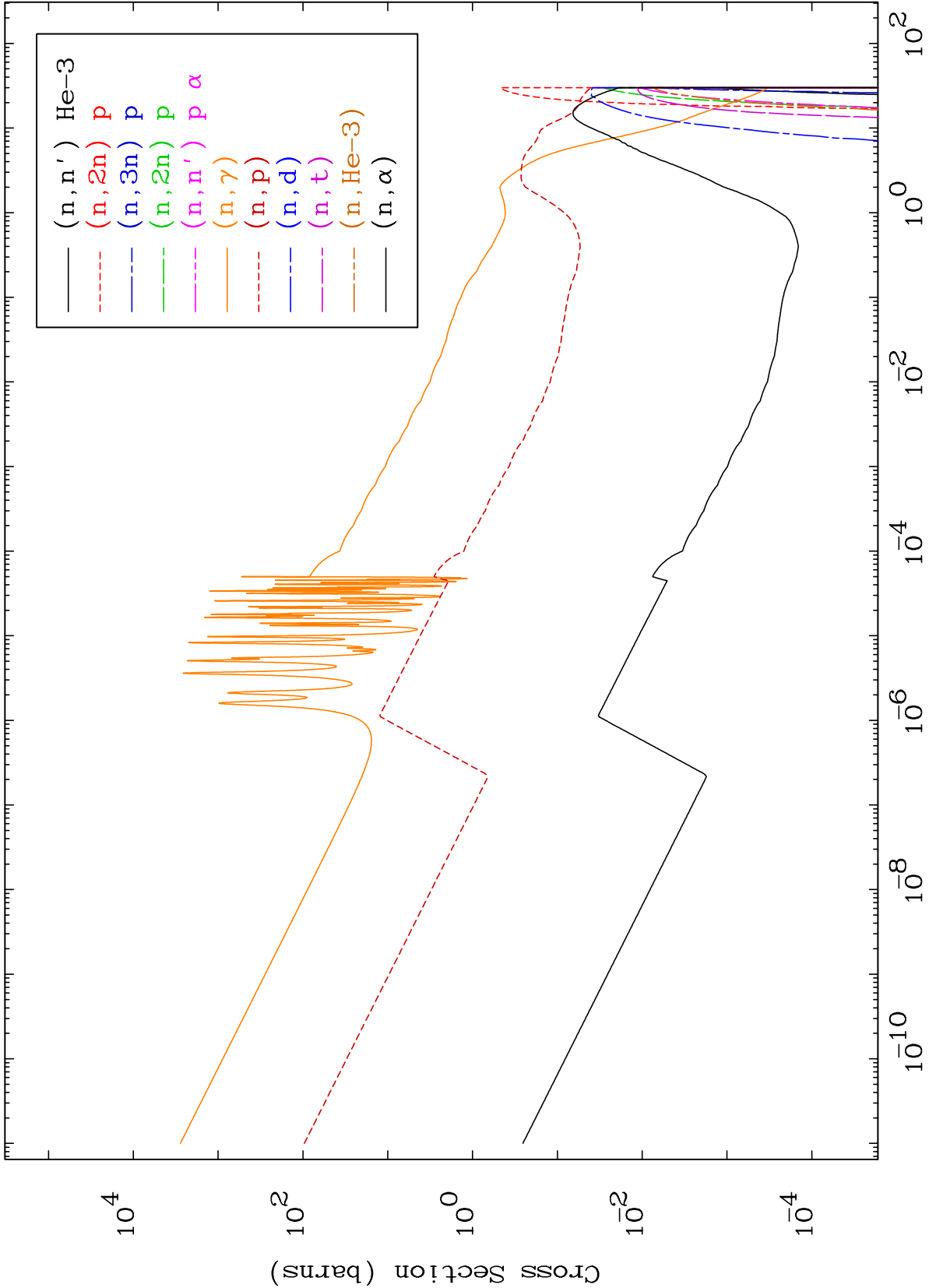
MAT 5301

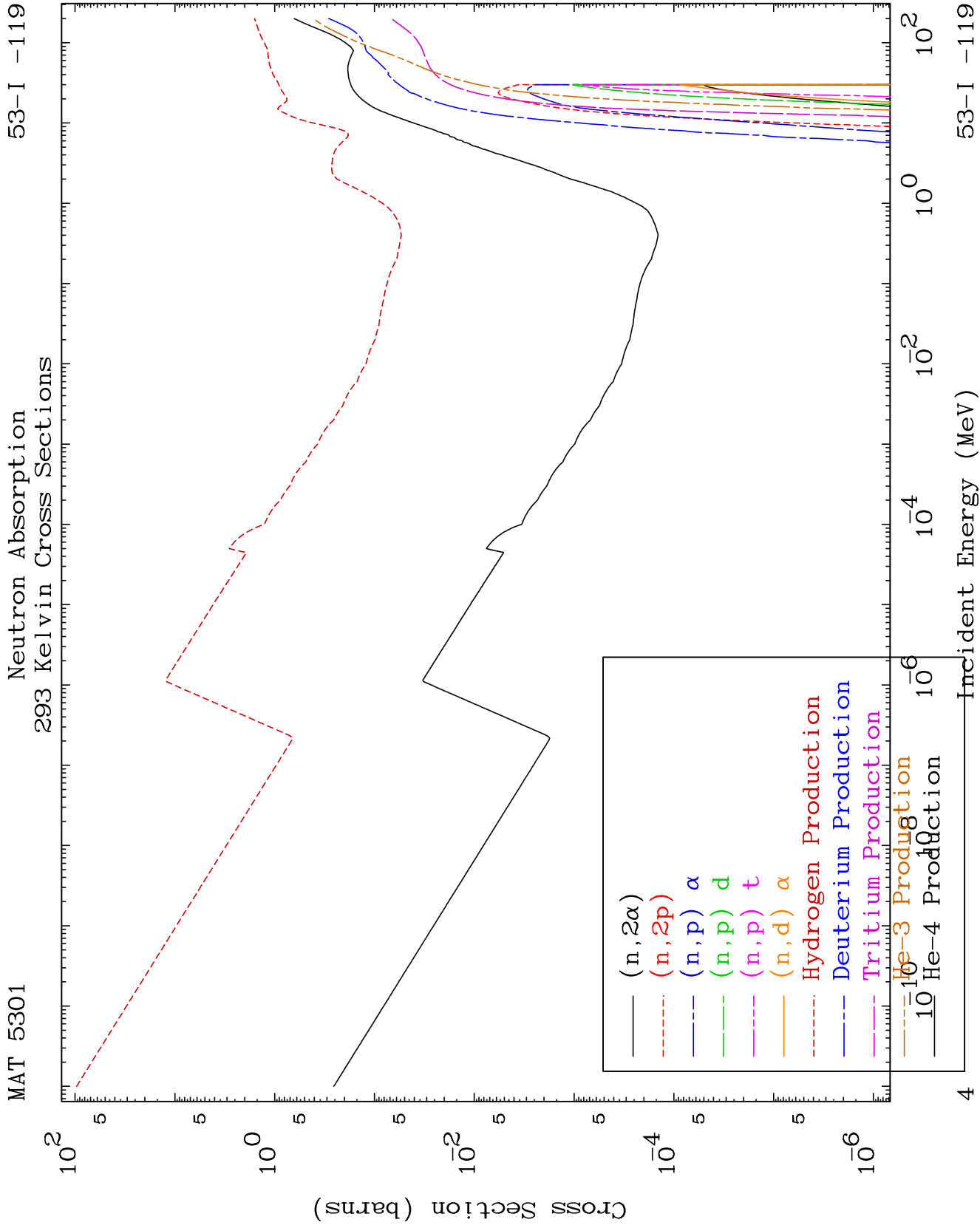
Neutron Major
293 Kelvin Cross Sections

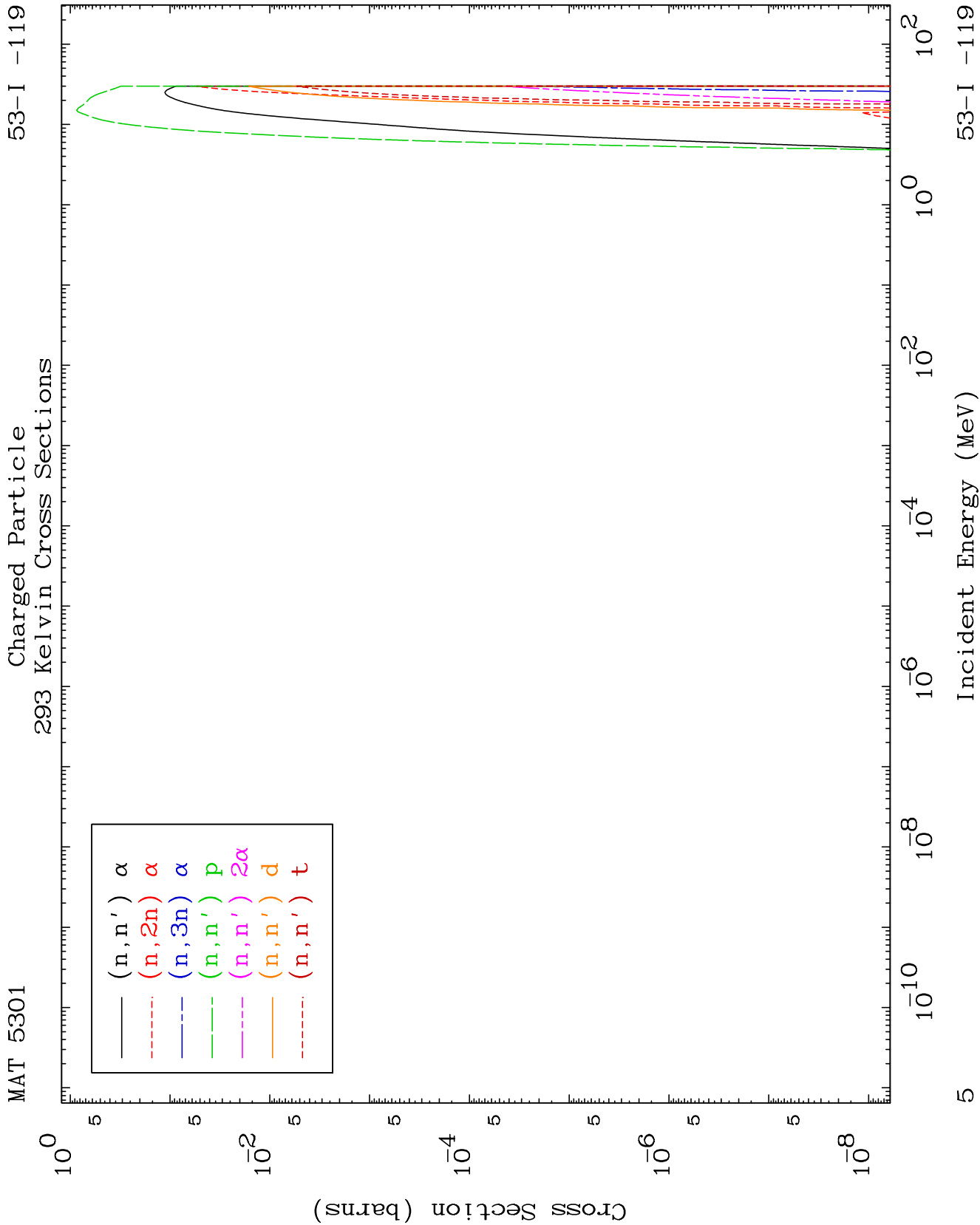
53-I -119

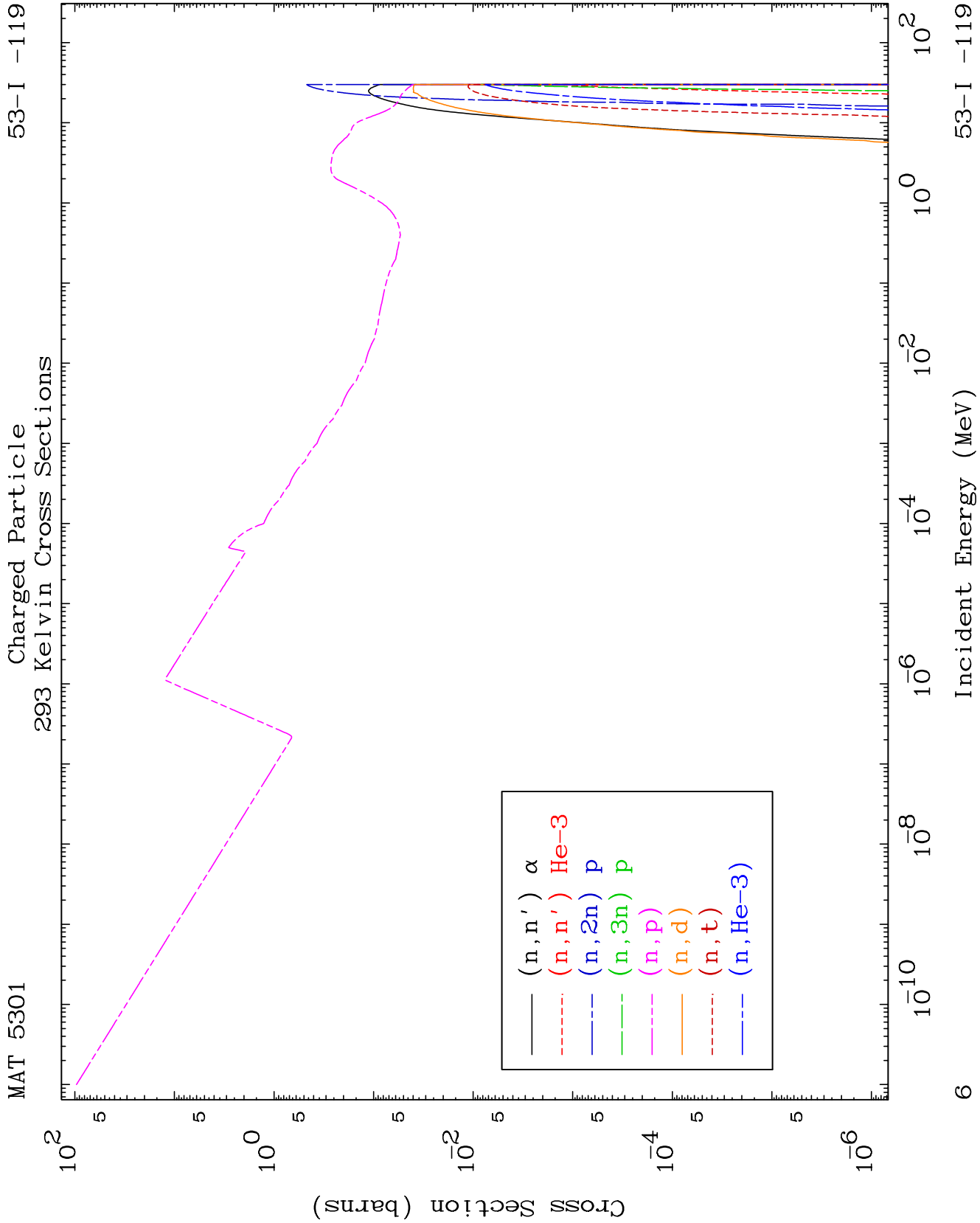


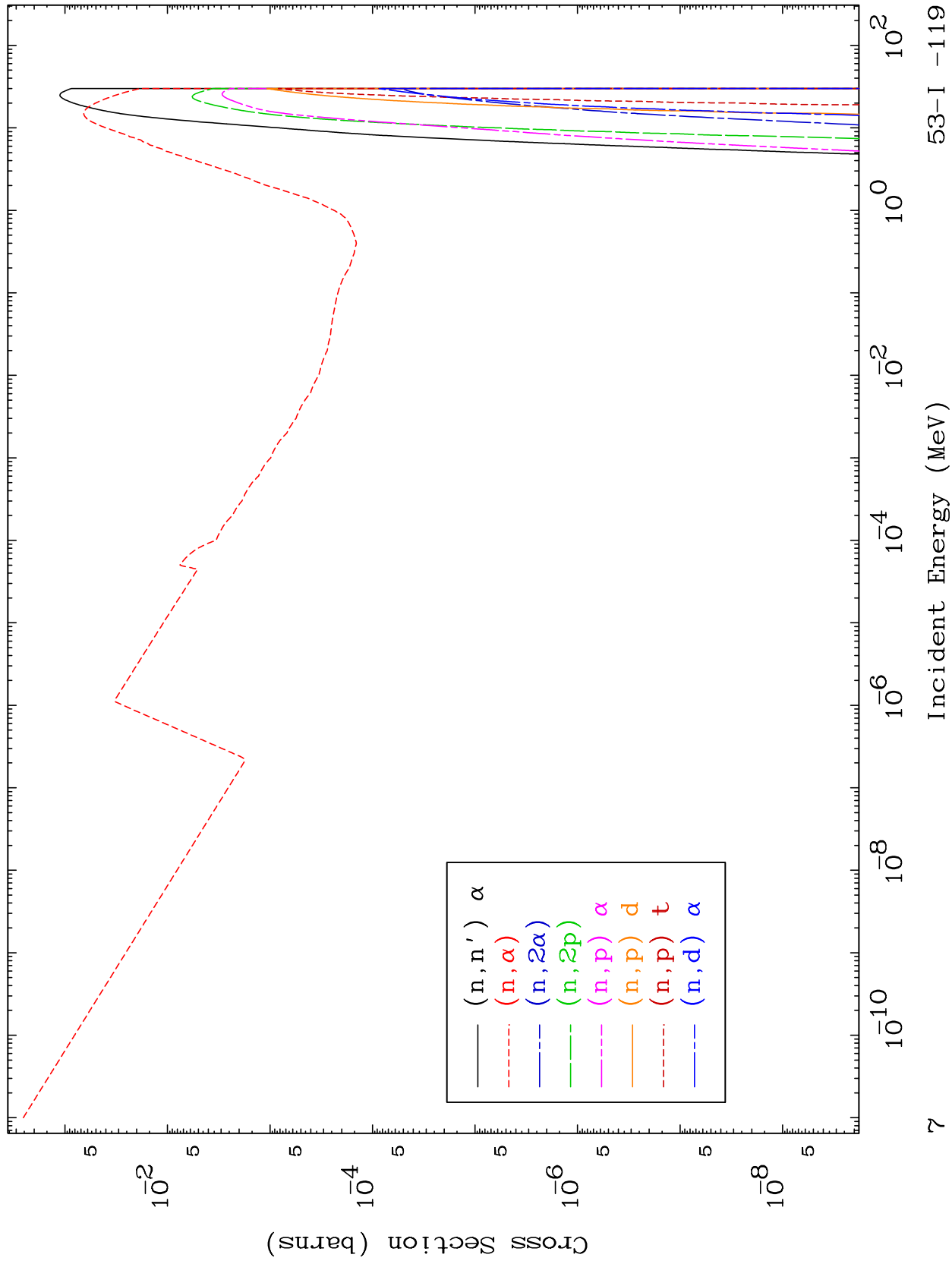


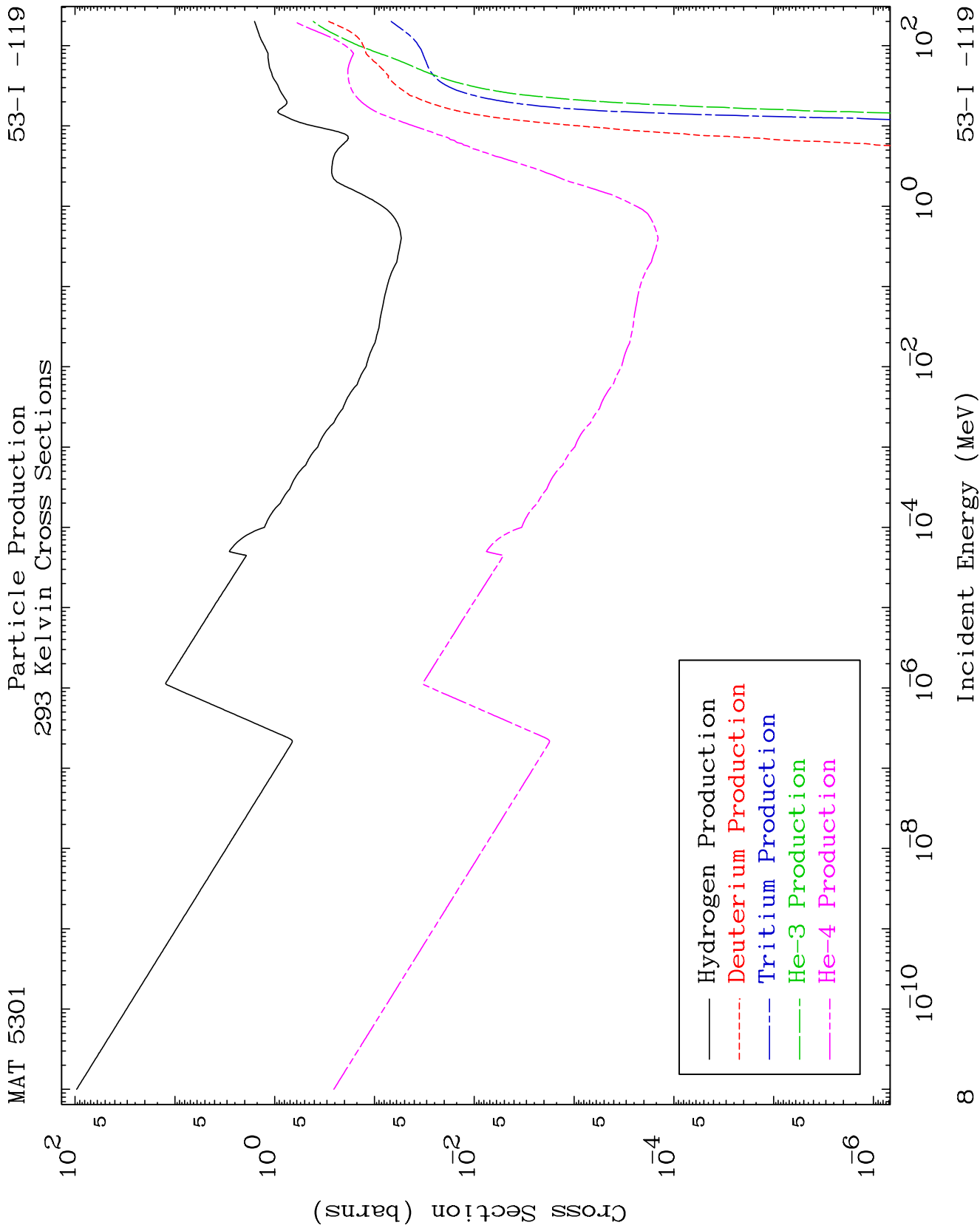


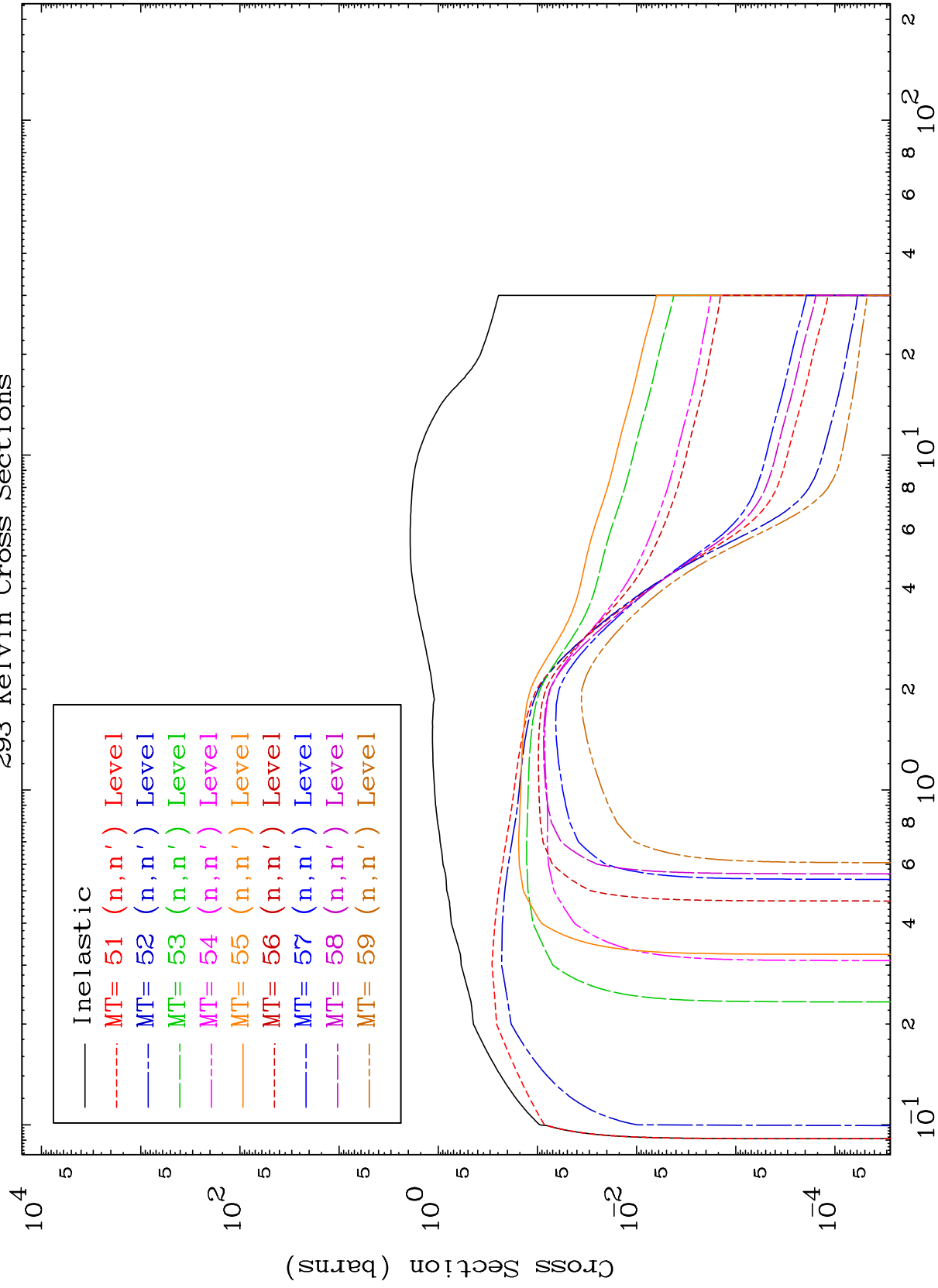


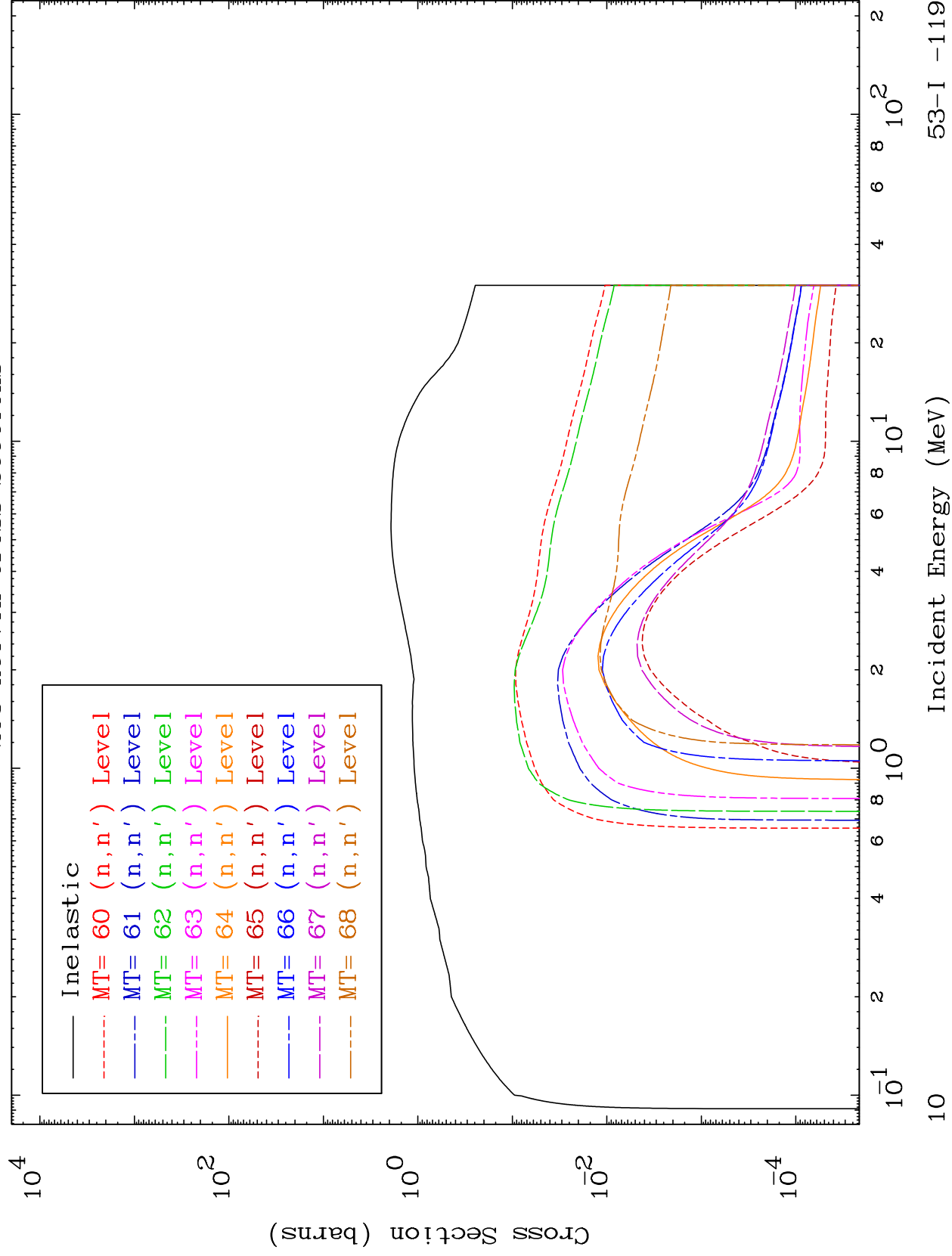


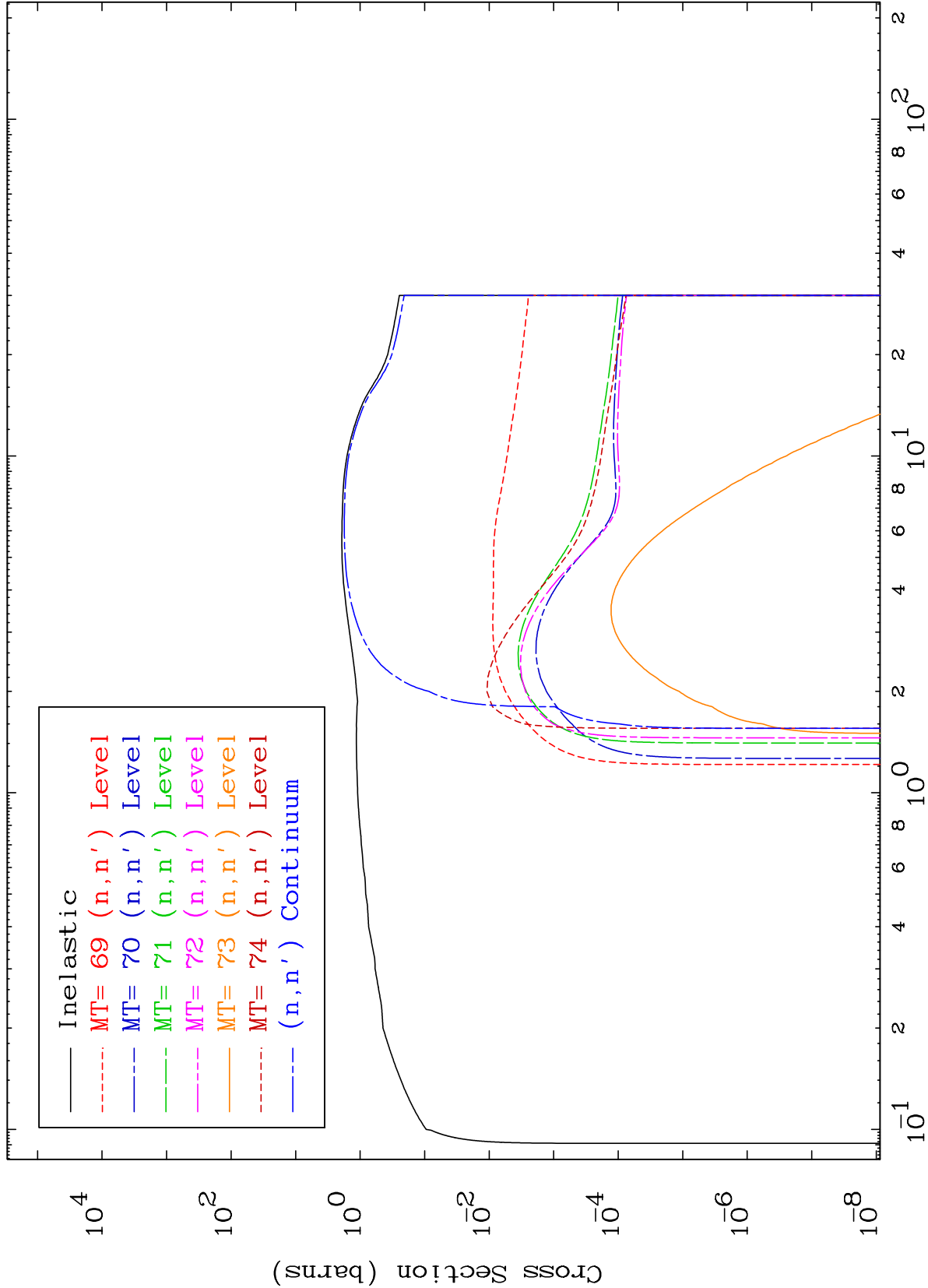


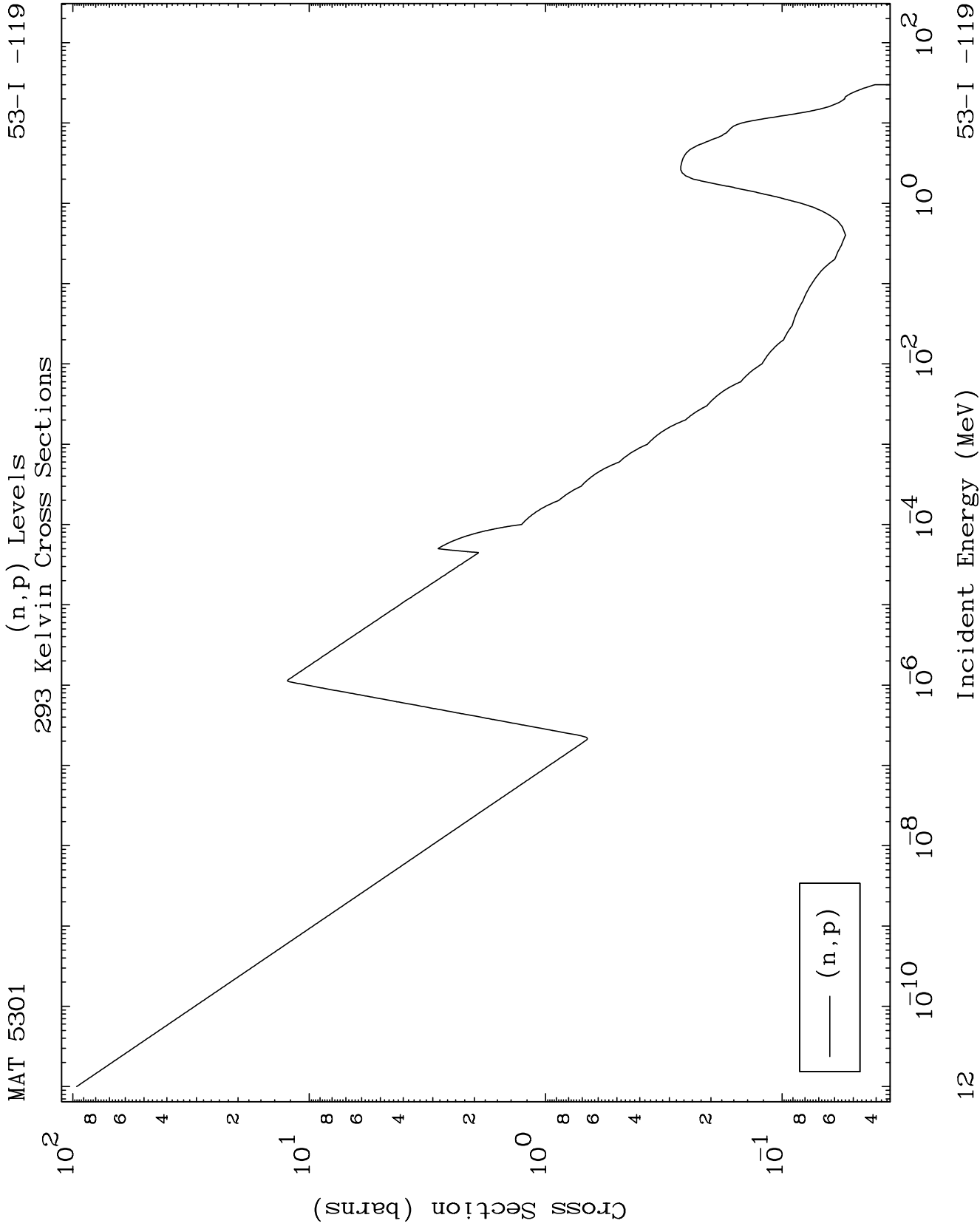








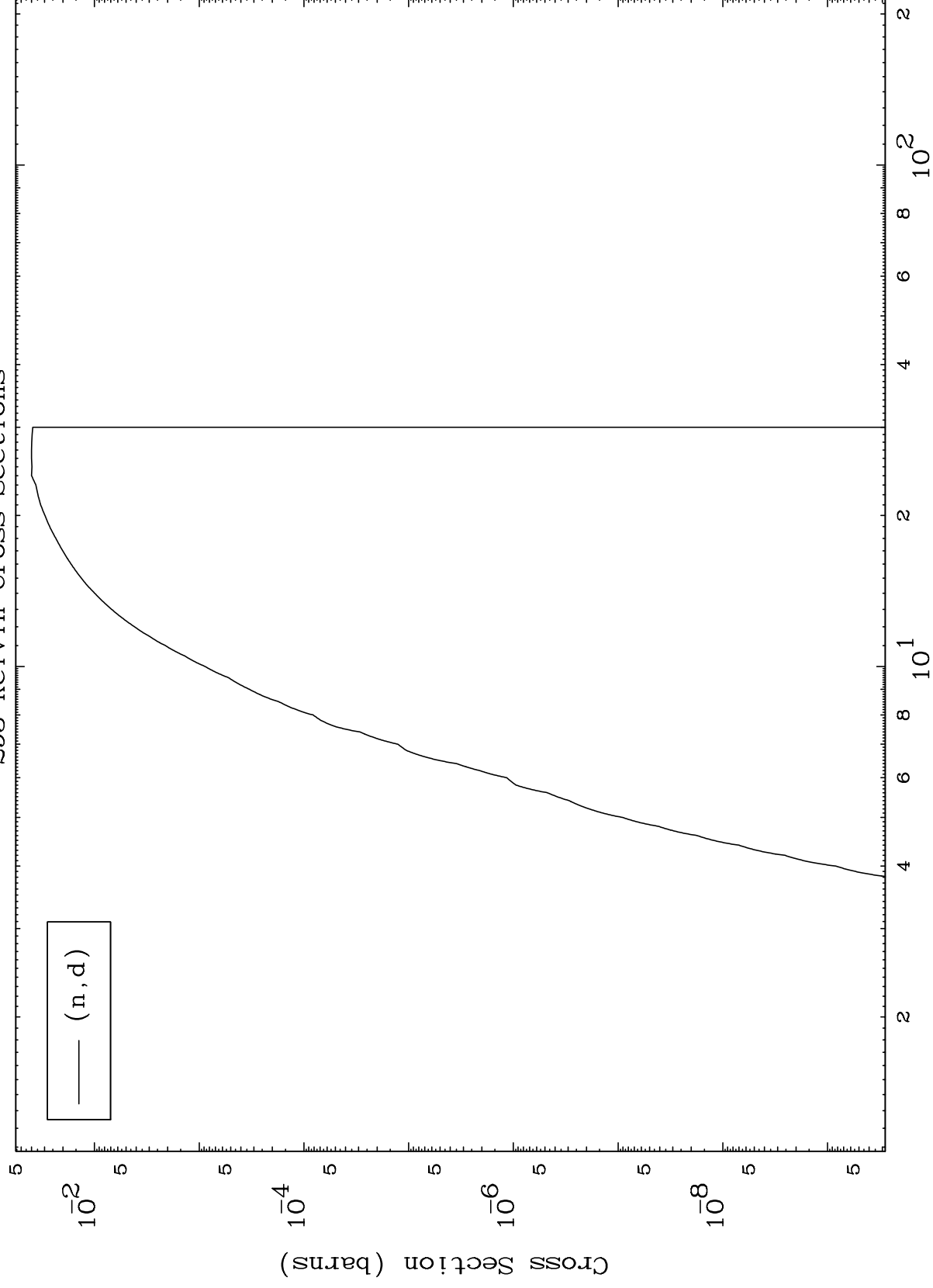




MAT 5301

(n,d) Levels
293 Kelvin Cross Sections

53-I -119



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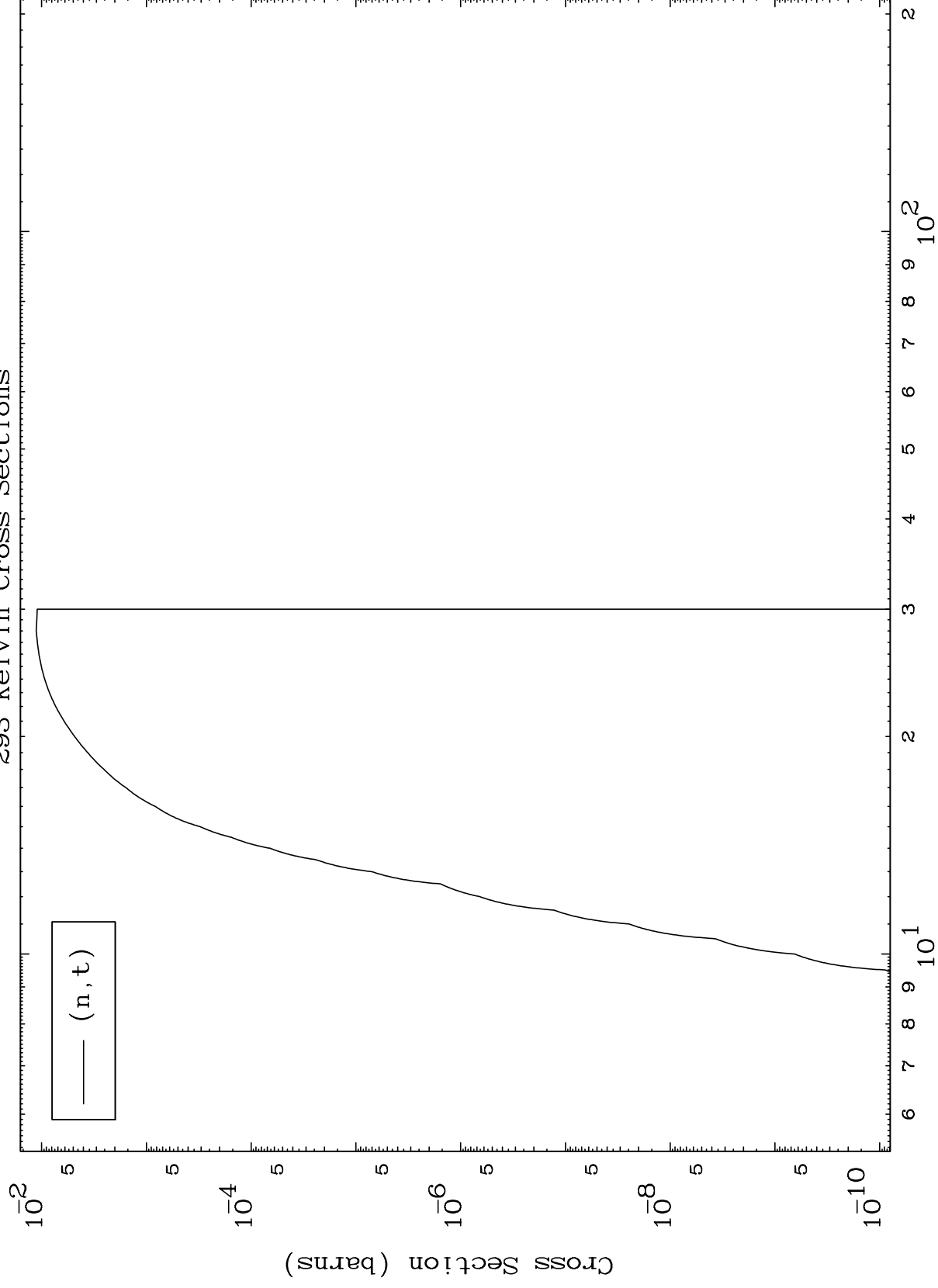
Incident Energy (MeV)

53-I -119

MAT 5301

(n,t) Levels
293 Kelvin Cross Sections

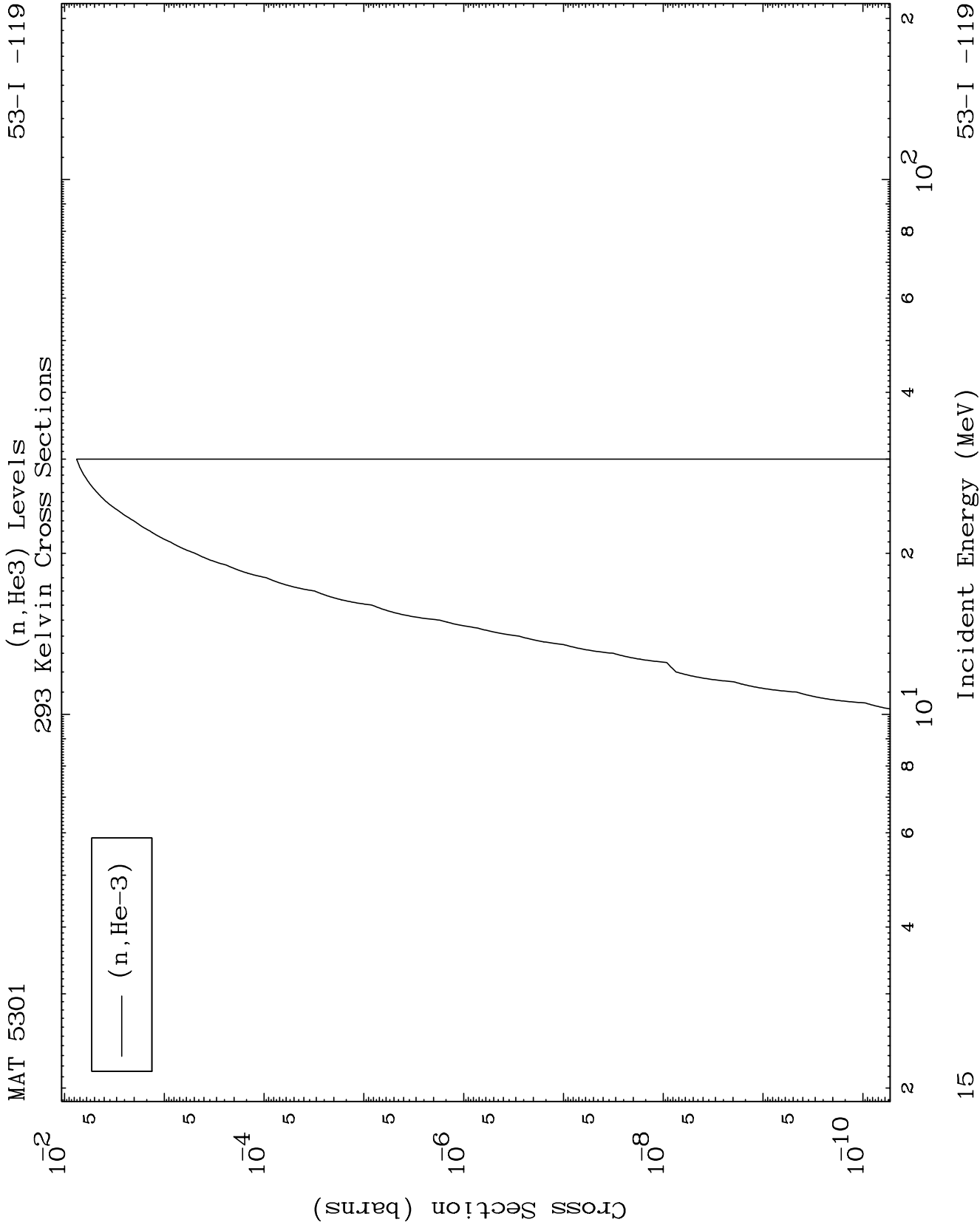
53-I -119

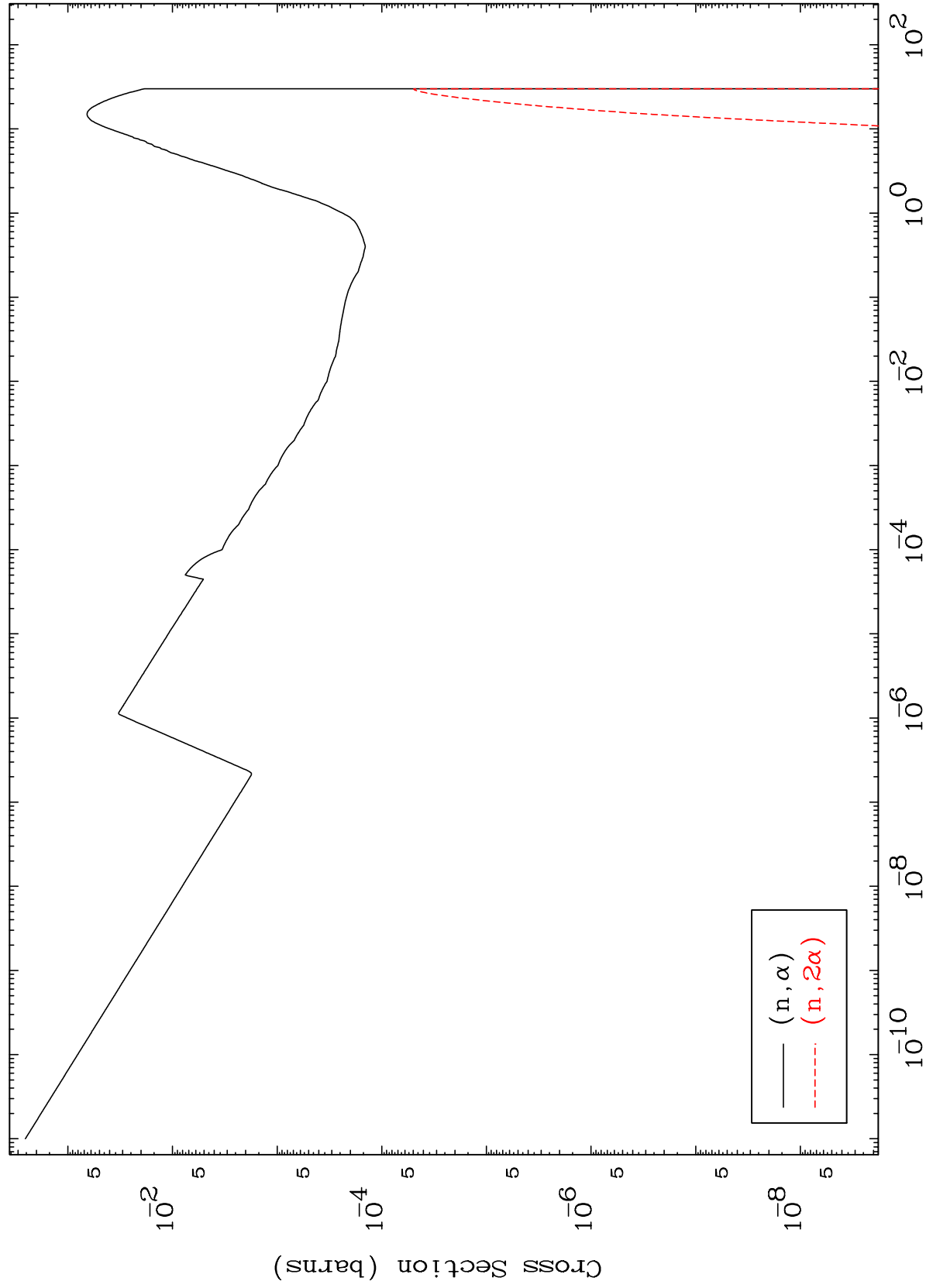


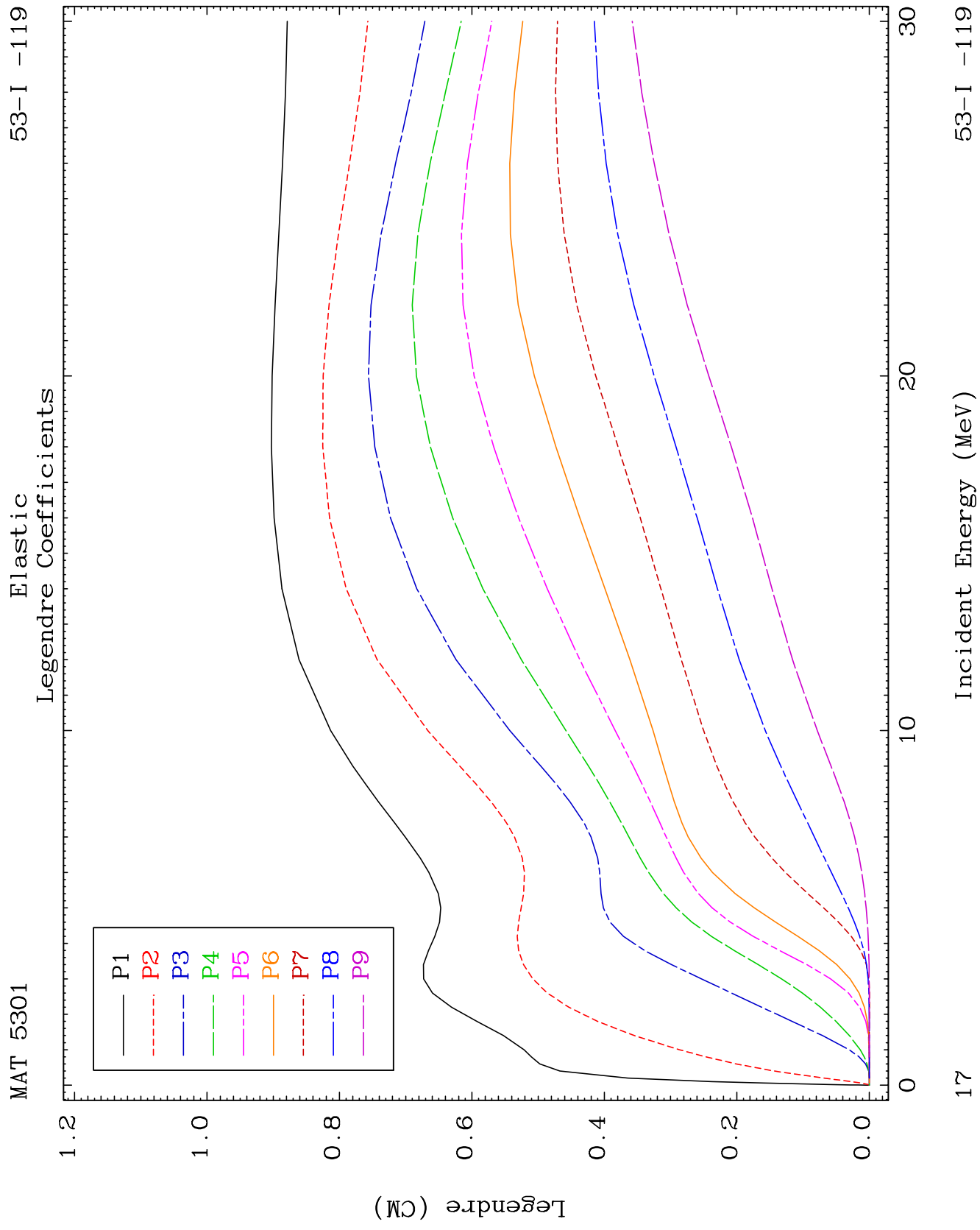
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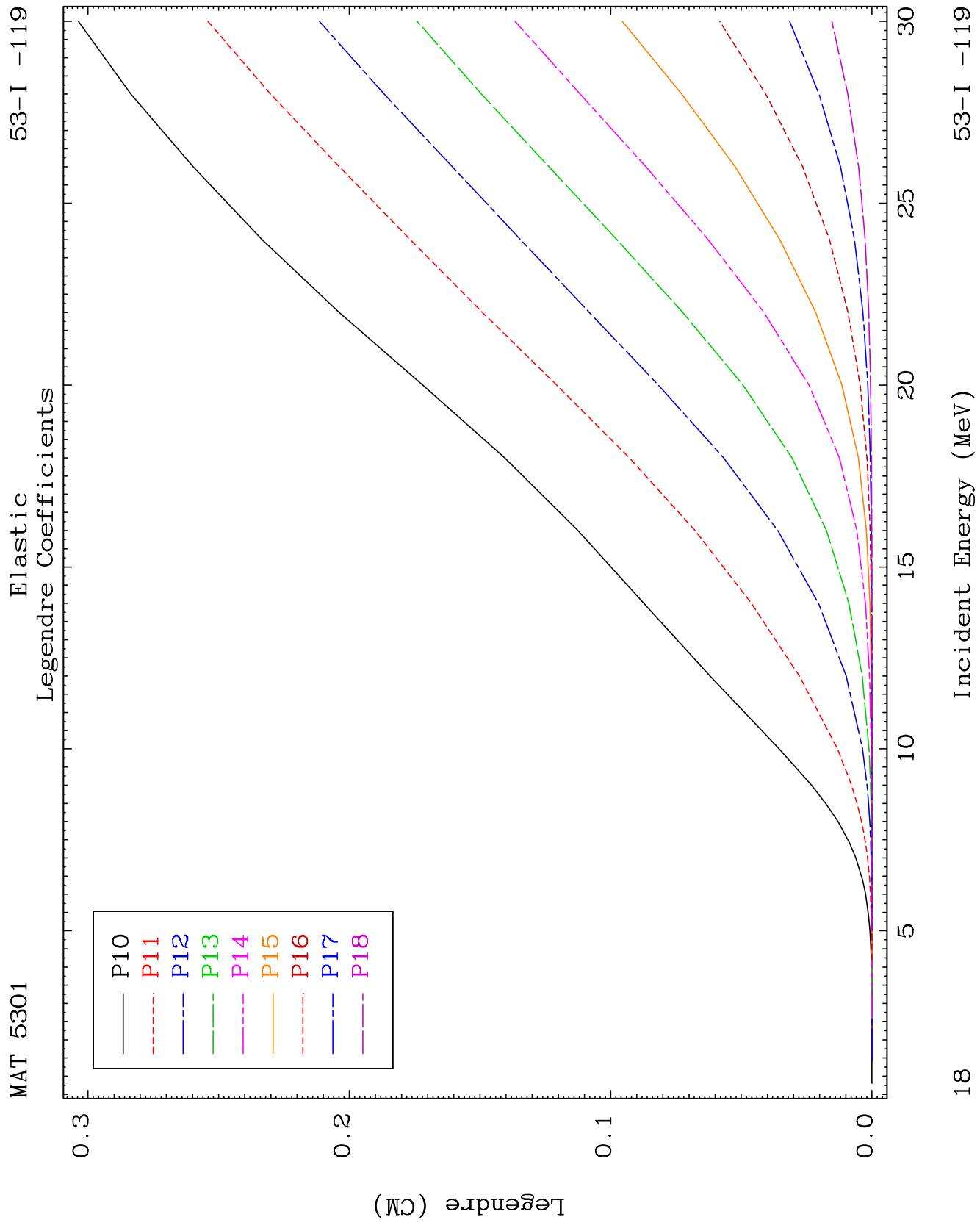
Incident Energy (MeV)

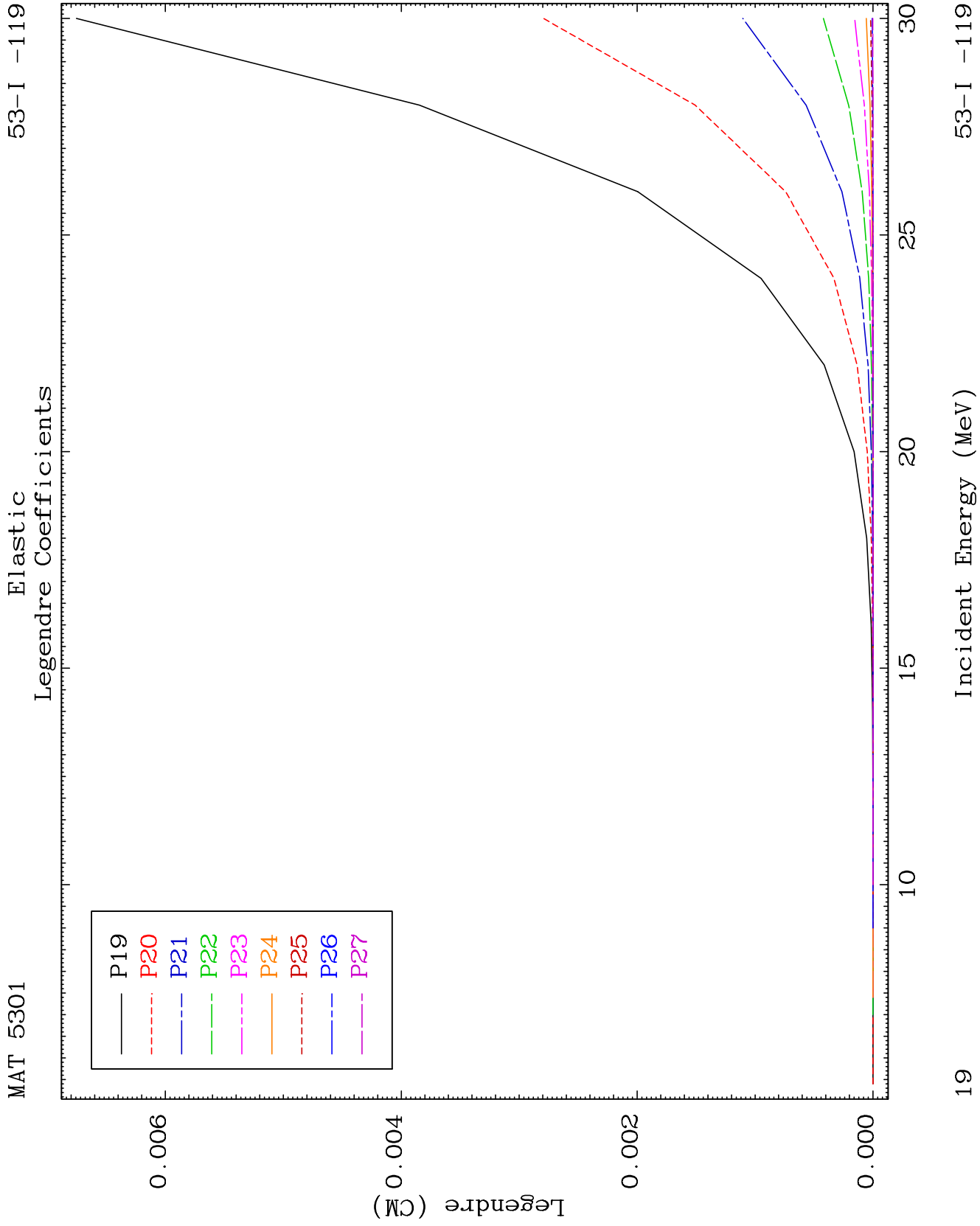
53-I -119

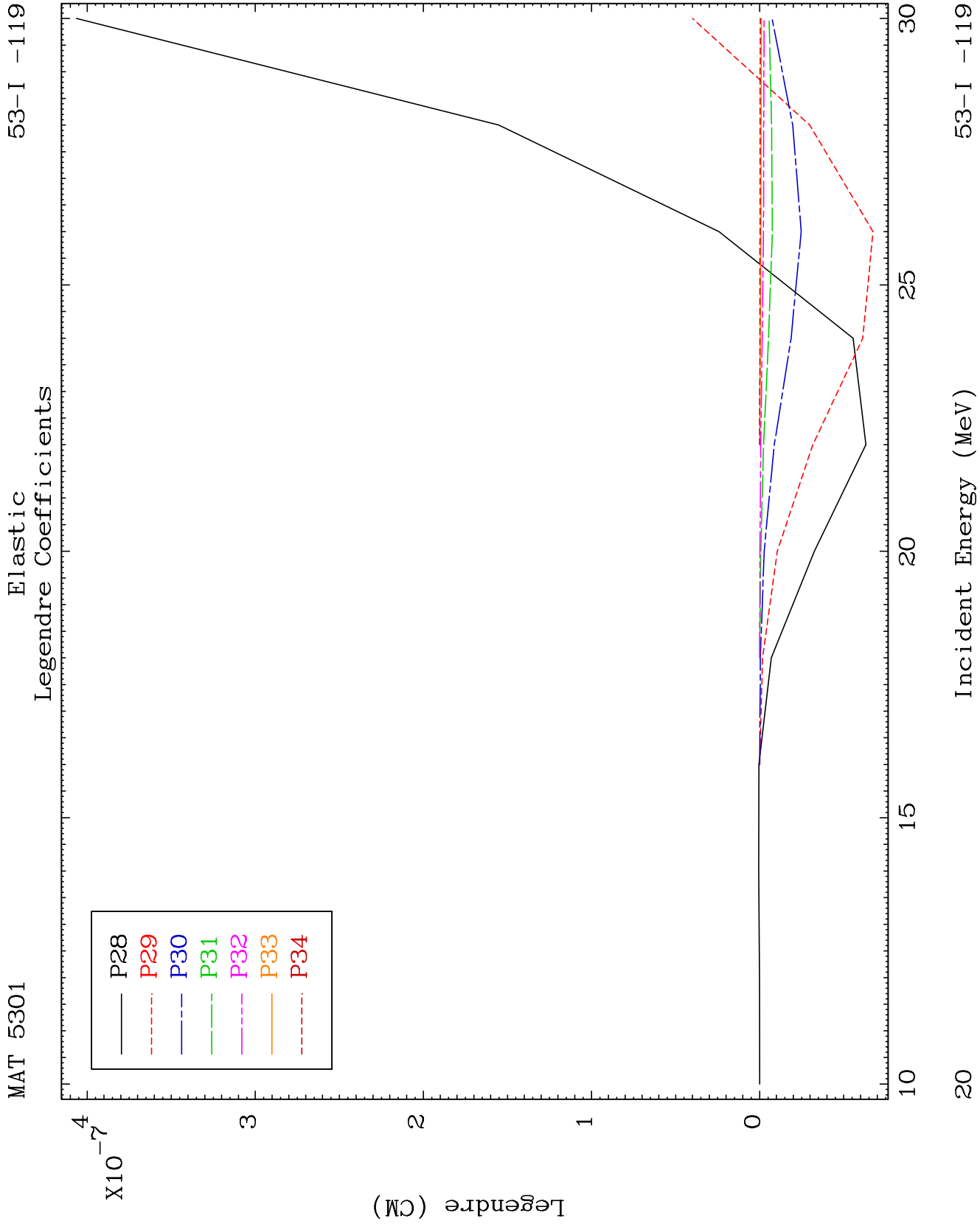


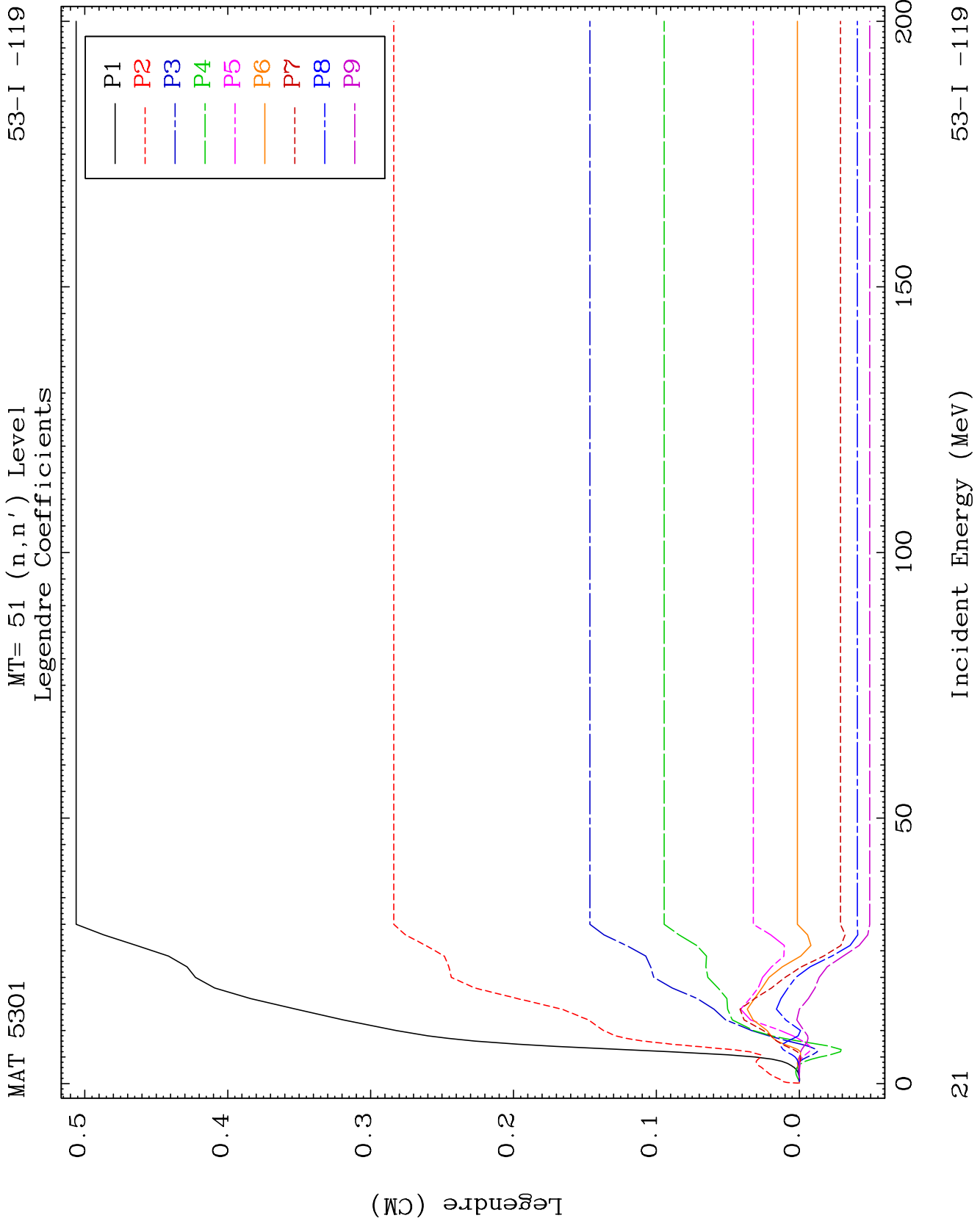








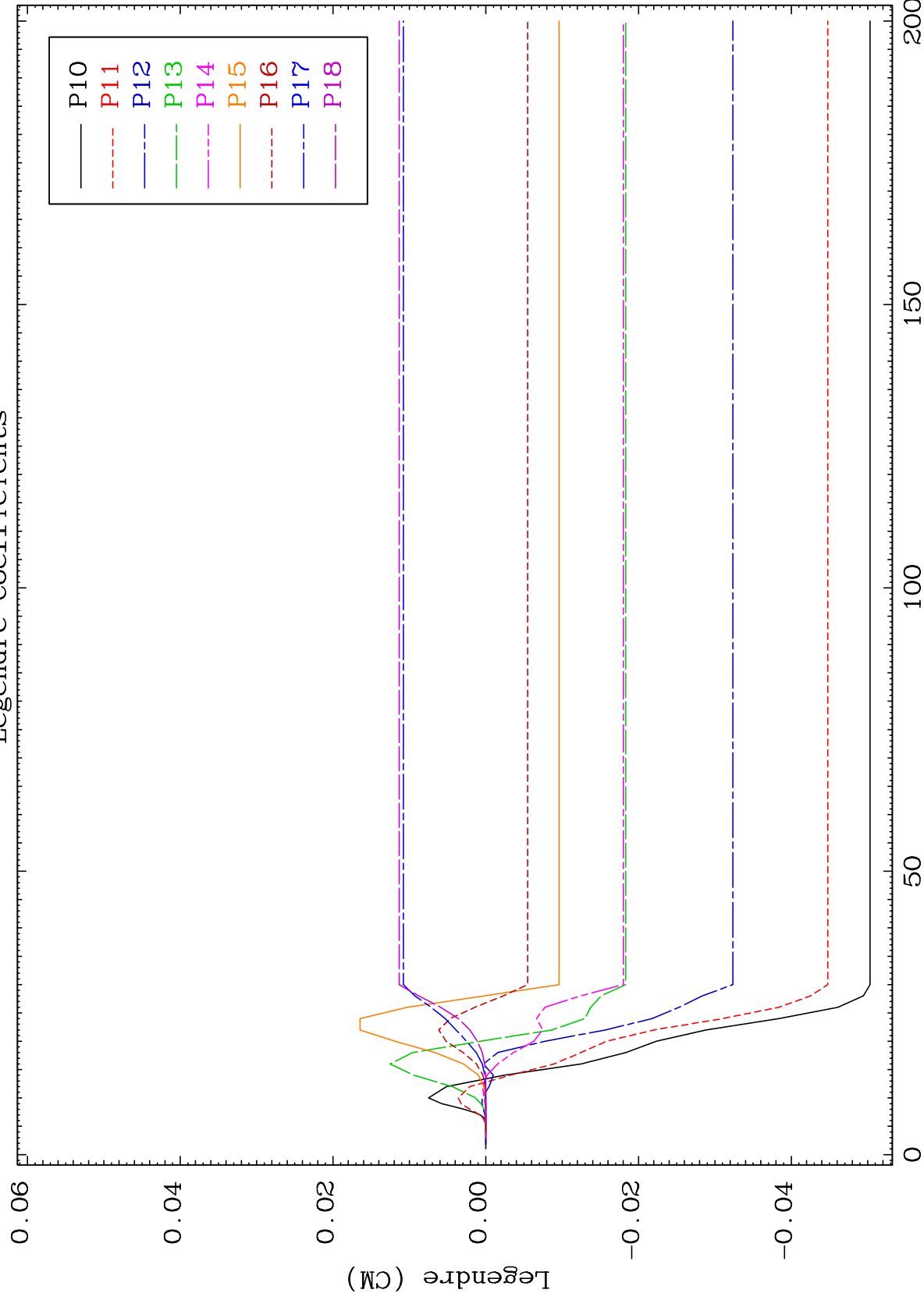




MAT 5301

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

53-I -119



22

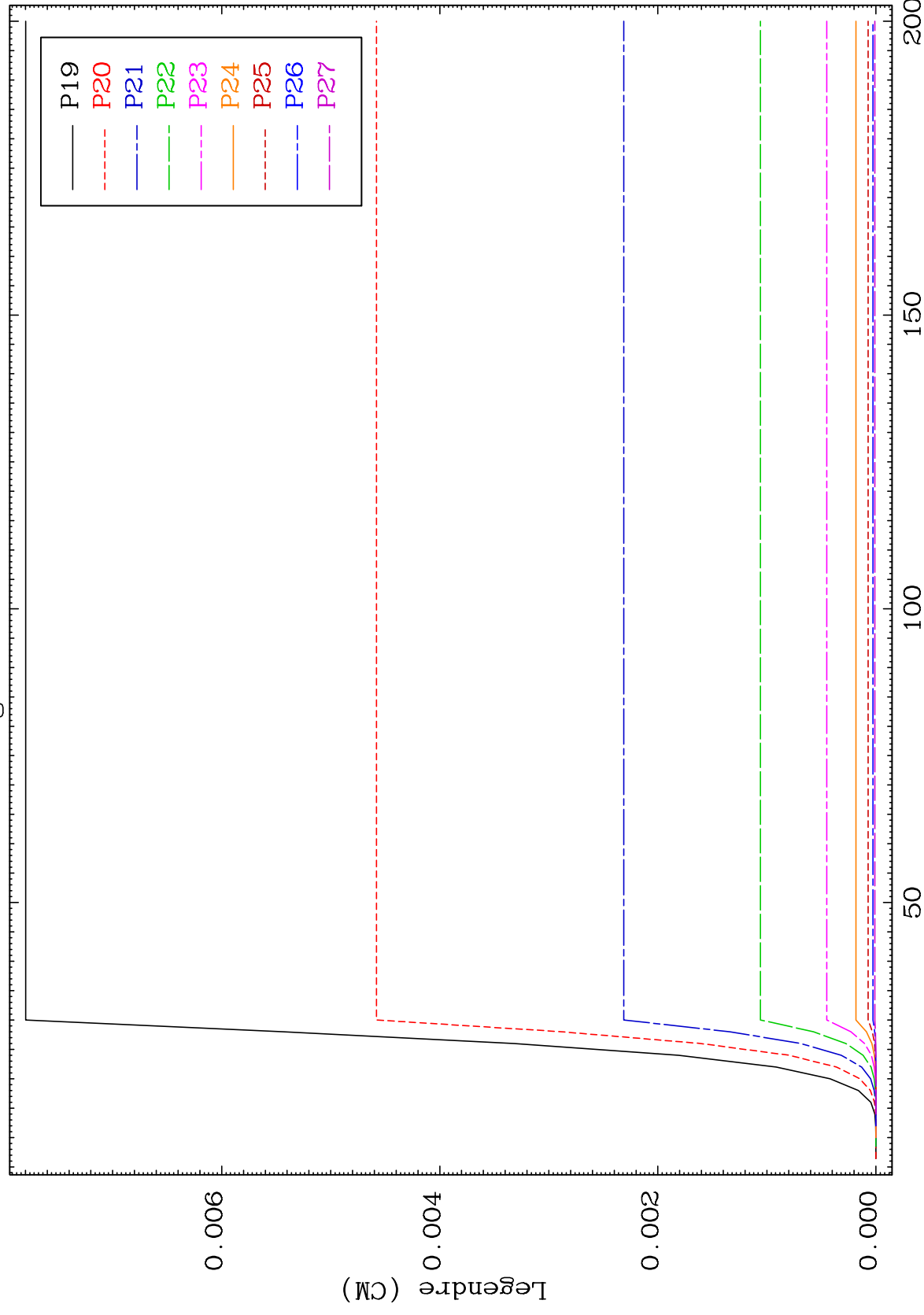
Incident Energy (MeV)

53-I -119

MAT 5301

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

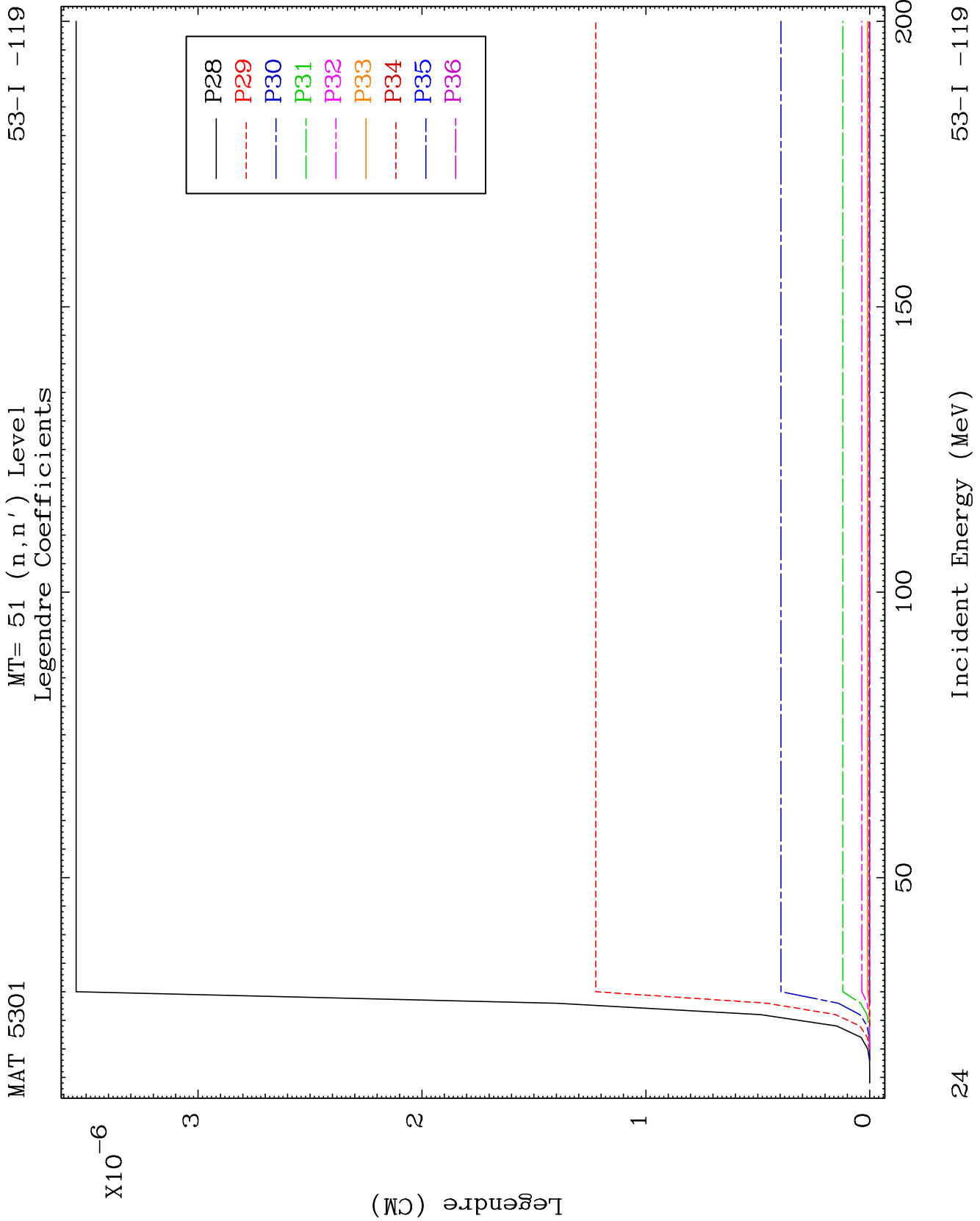
53-I -119

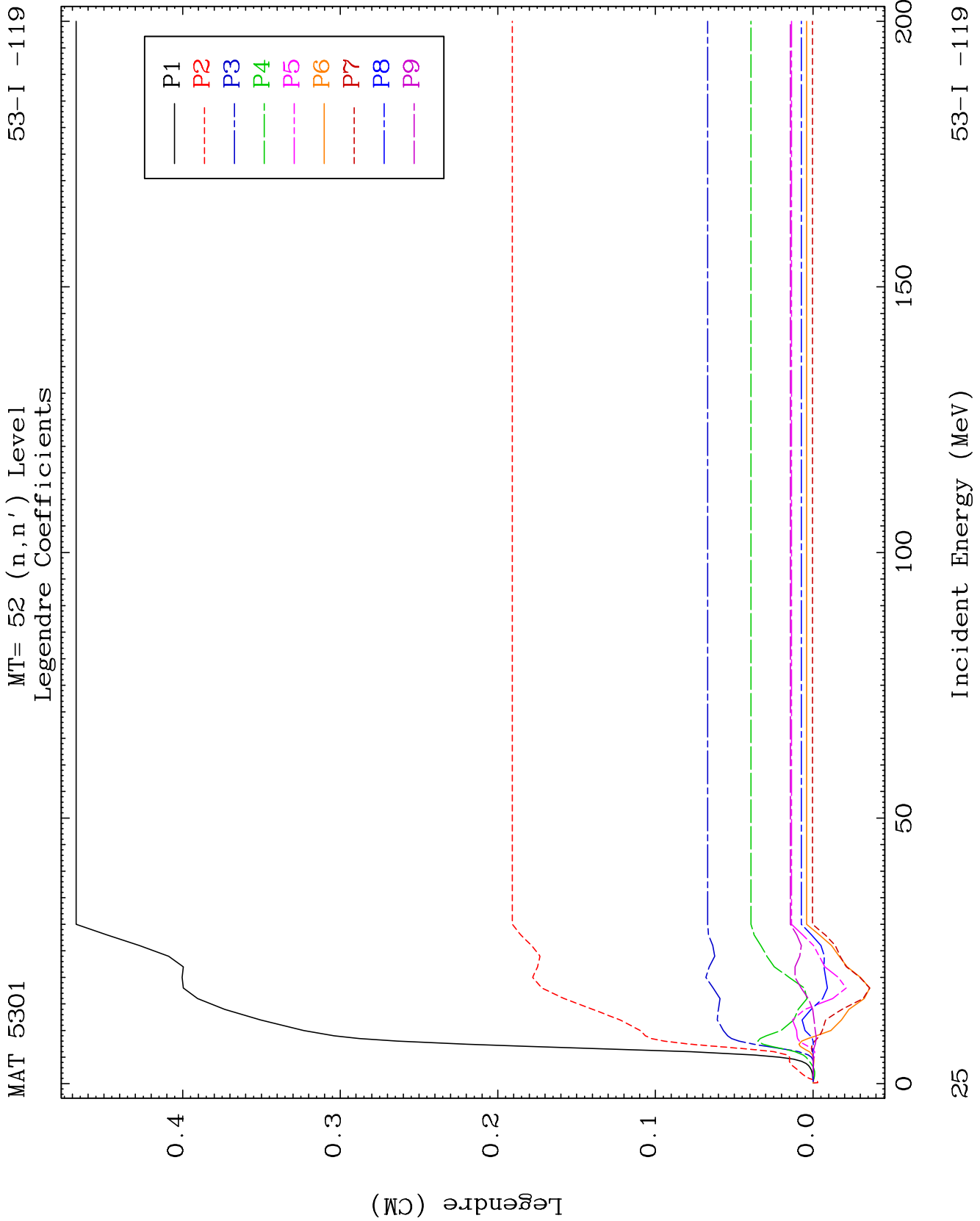


32

Incident Energy (MeV)

53-I -119

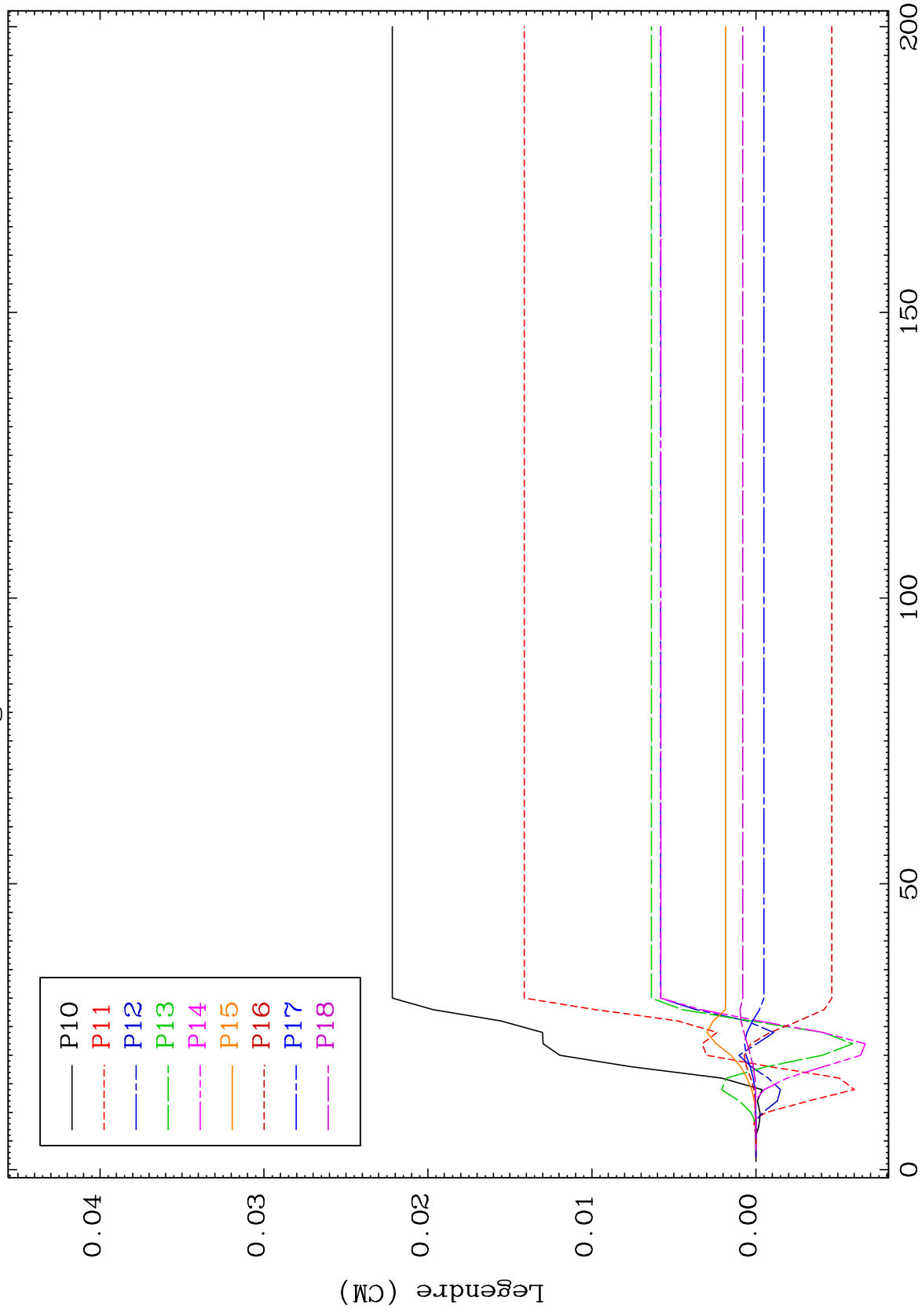




MAT 5301

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

53-I -119



26

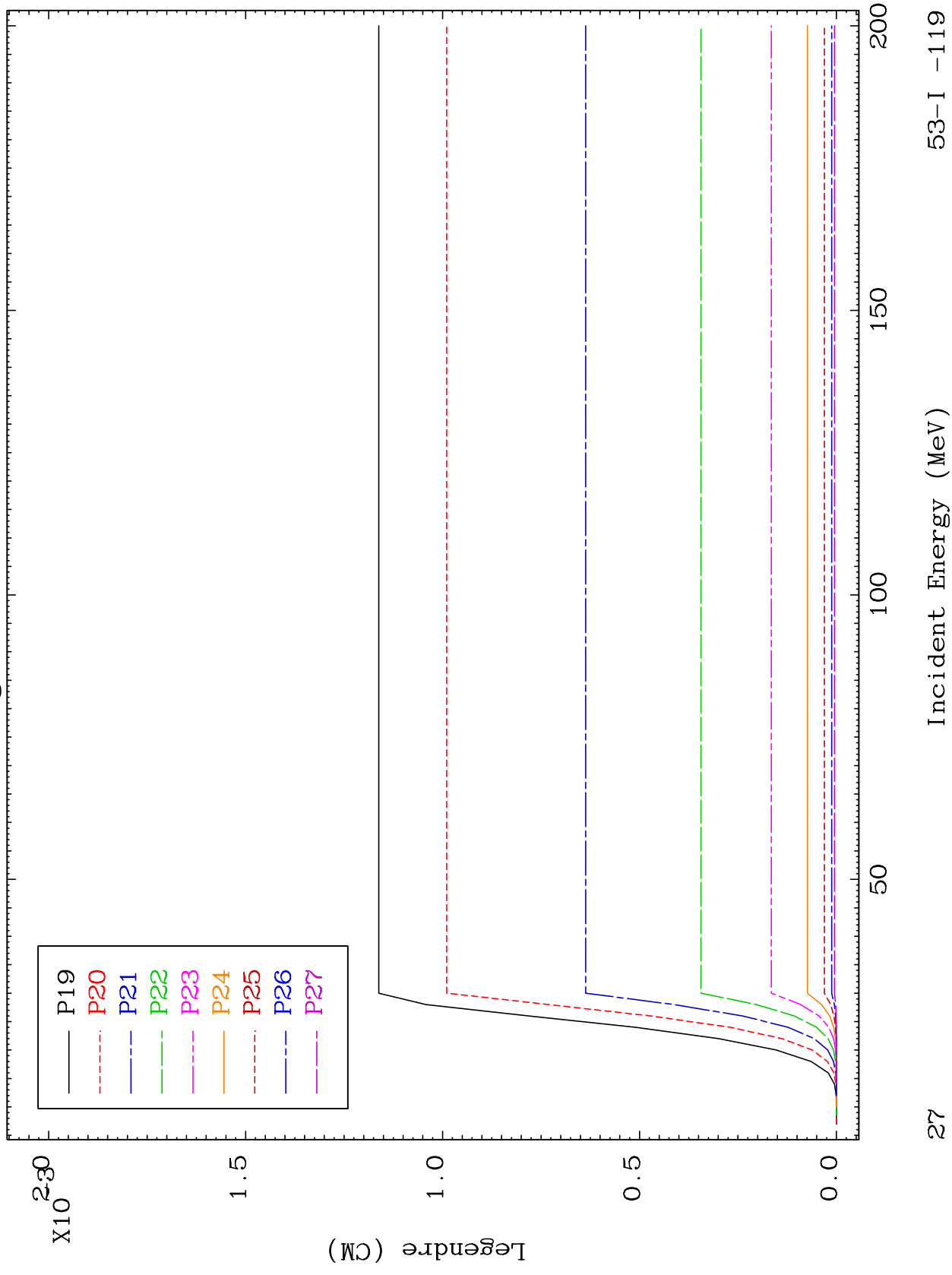
Incident Energy (MeV)

53-I -119

MAT 5301

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

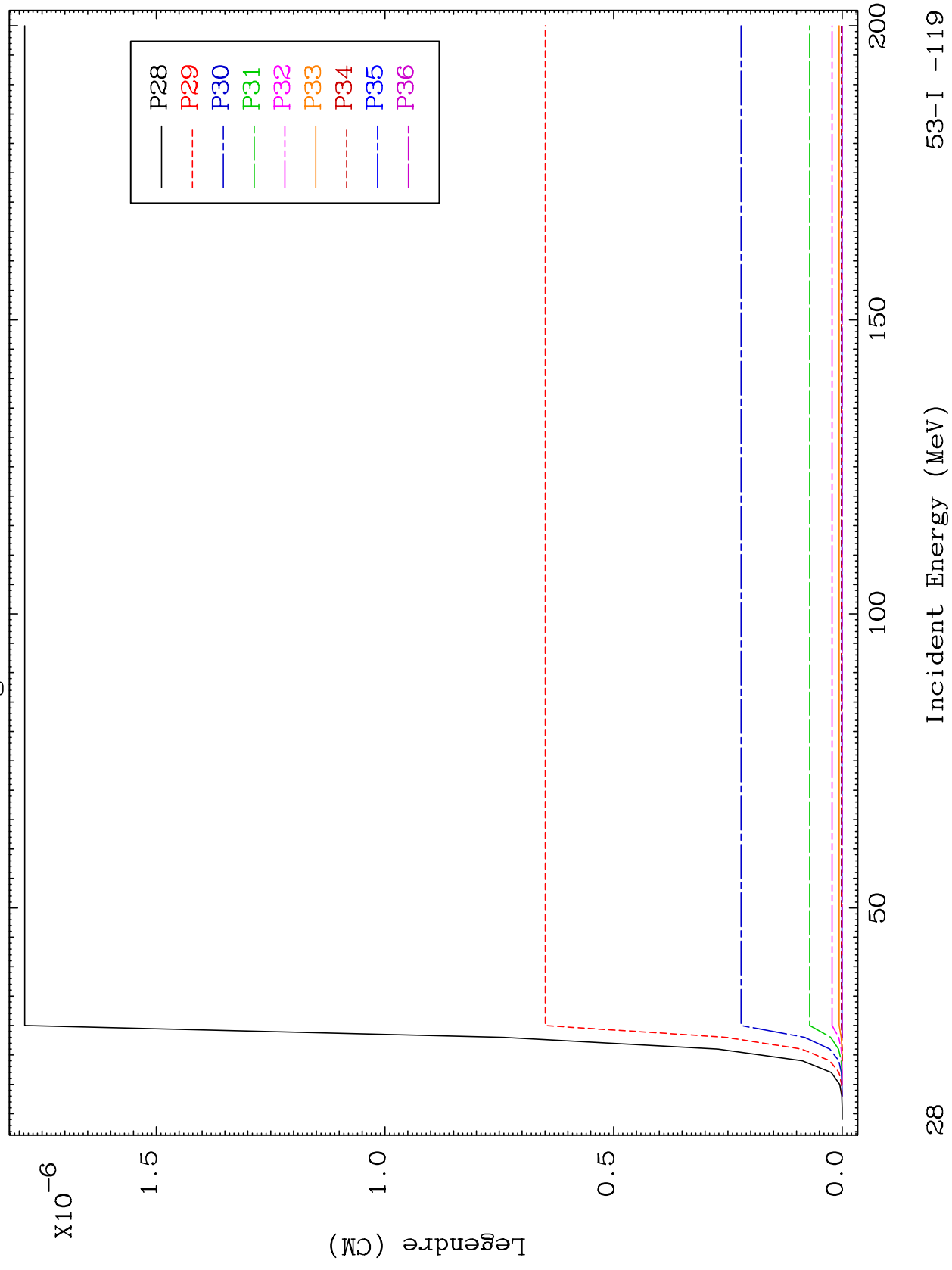
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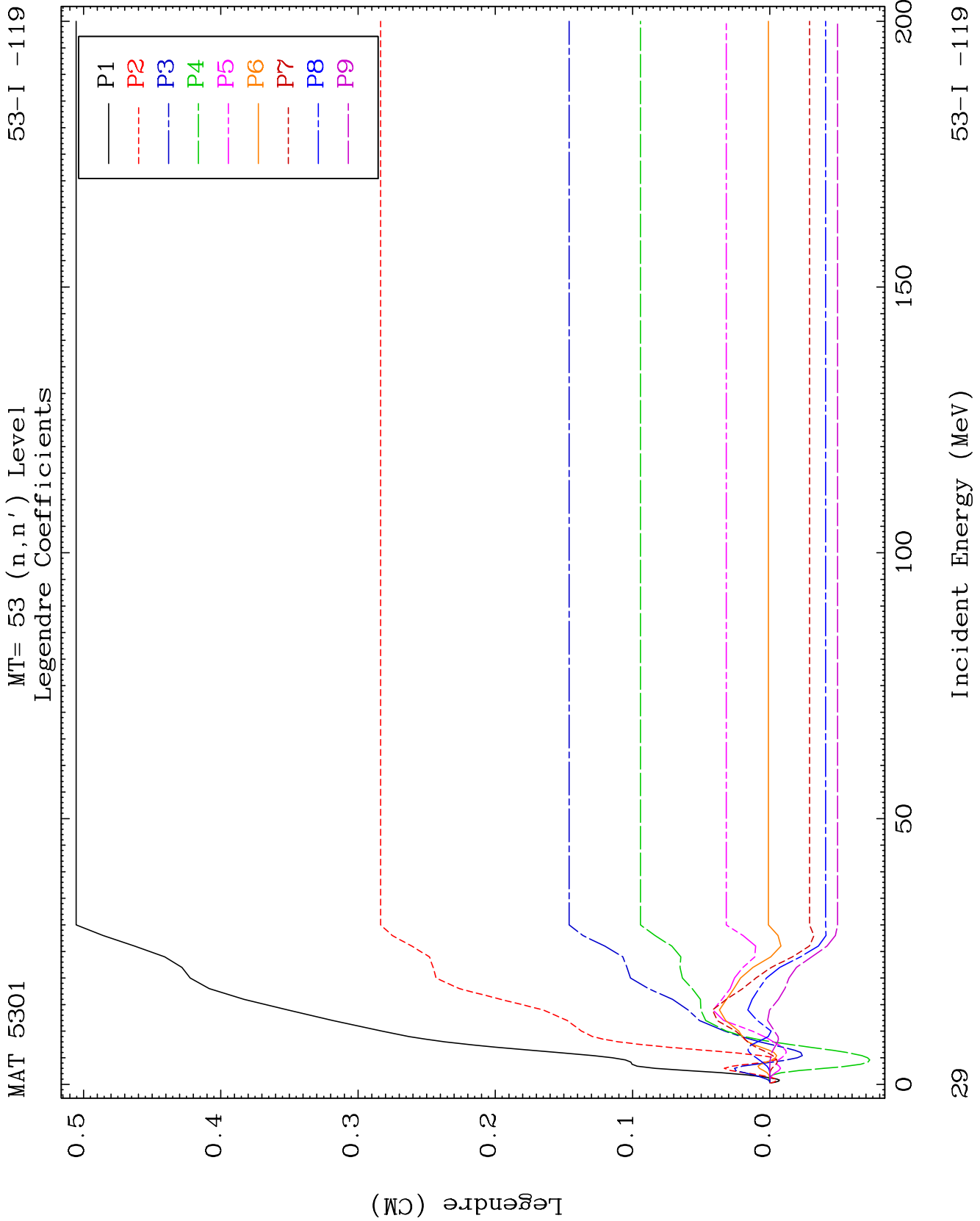


MAT 5301

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

53-I -119

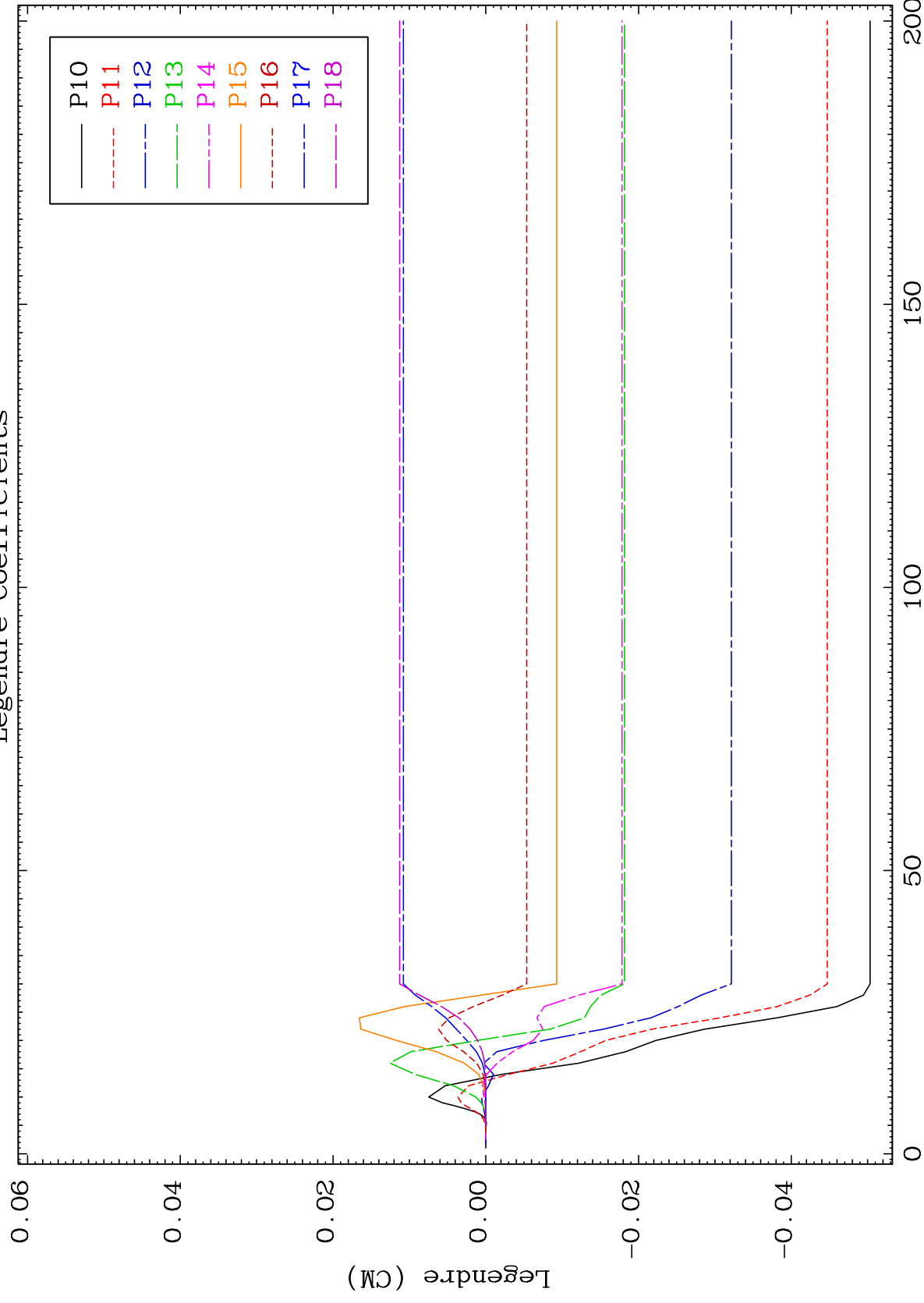




MAT 5301

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

53-I -119

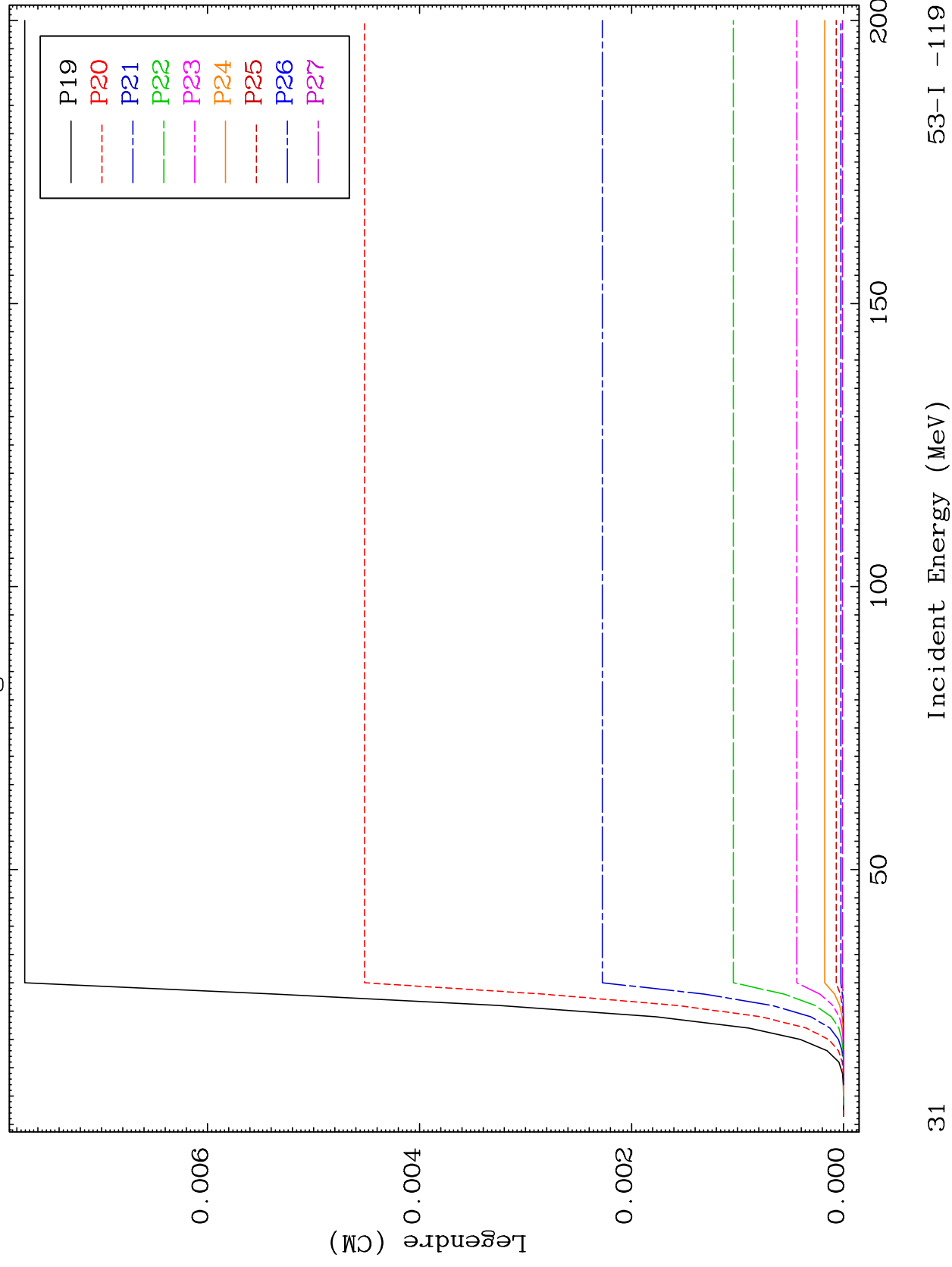


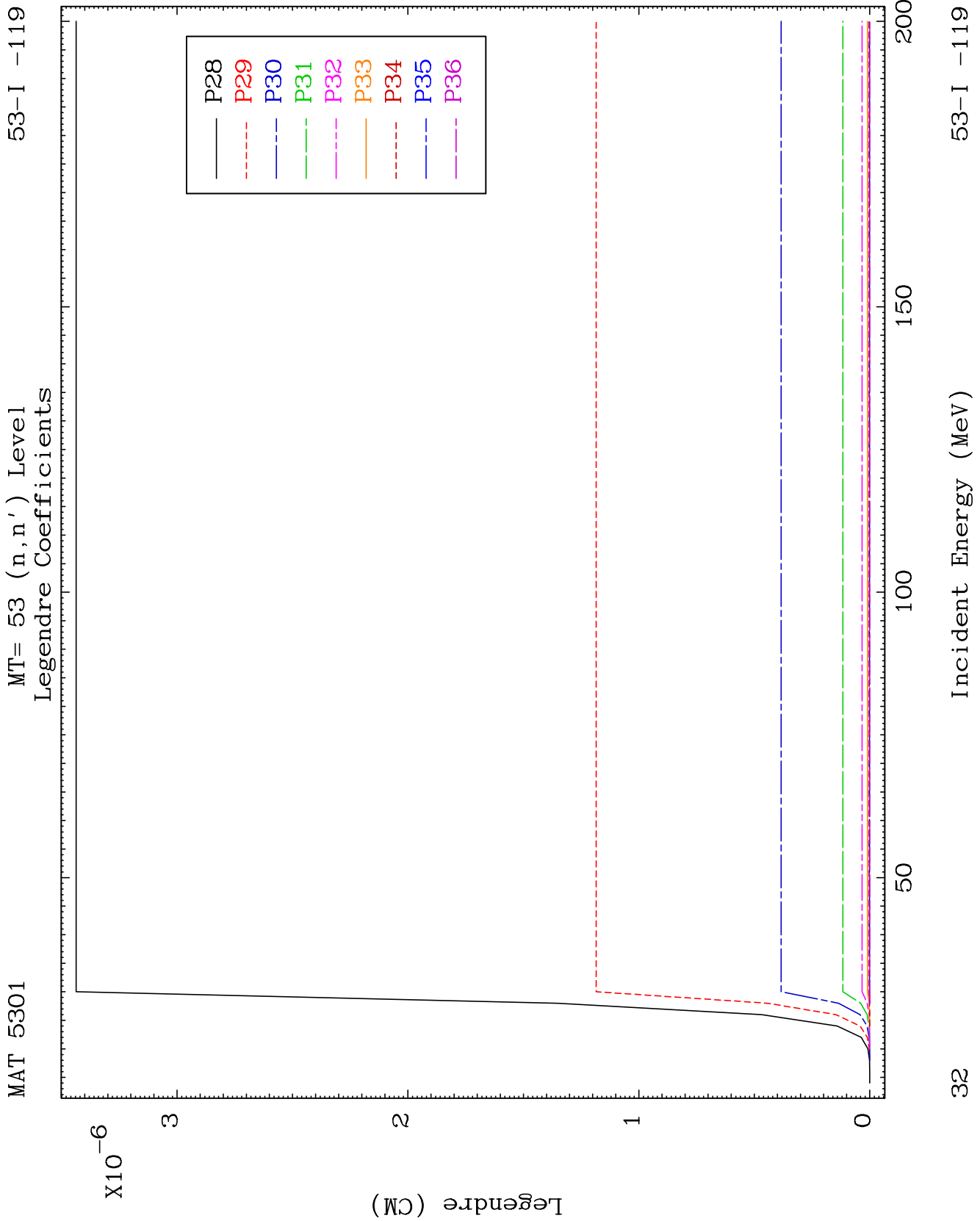
30 Incident Energy (MeV) 53-I -119

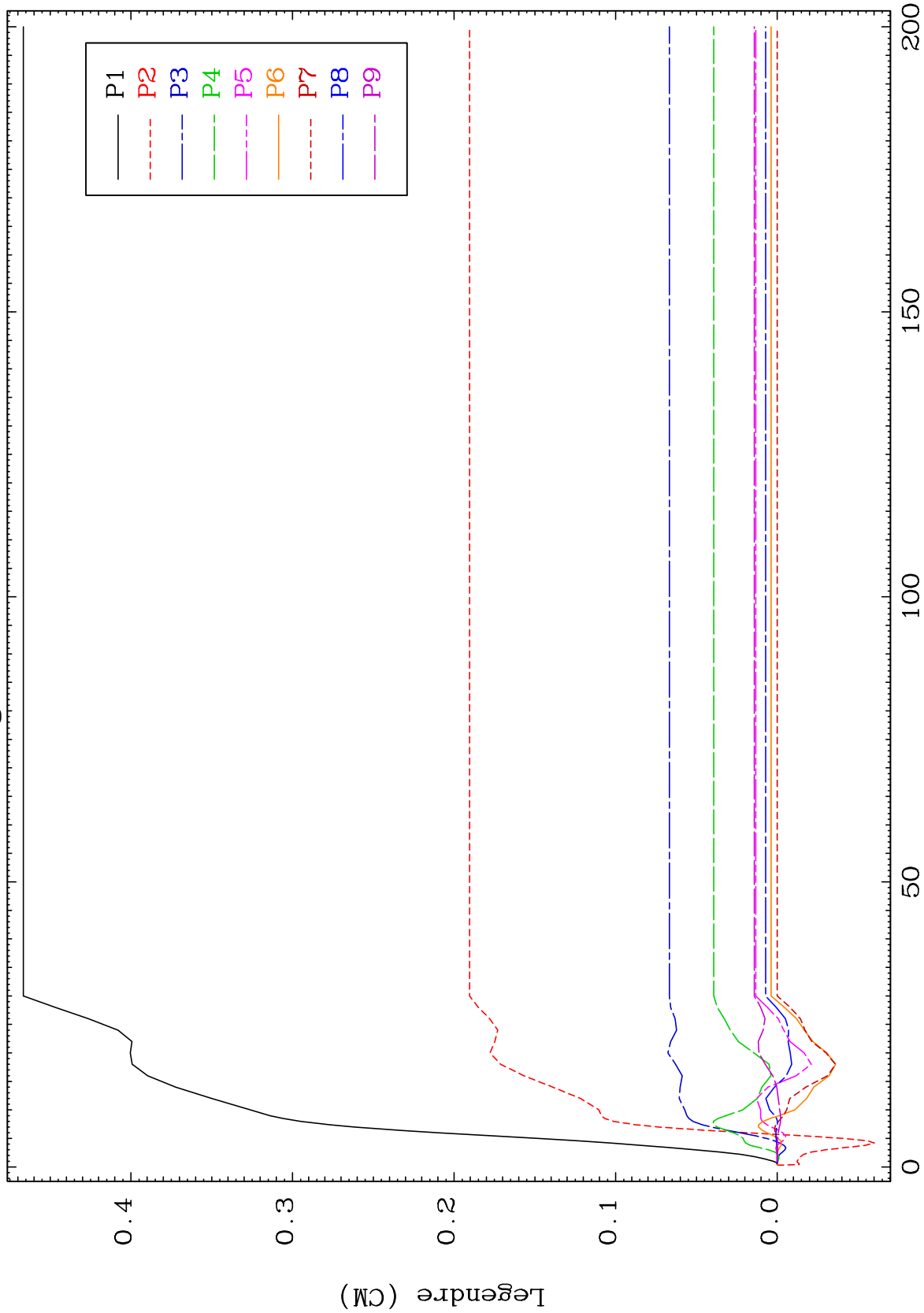
MAT 5301

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

53-I -119



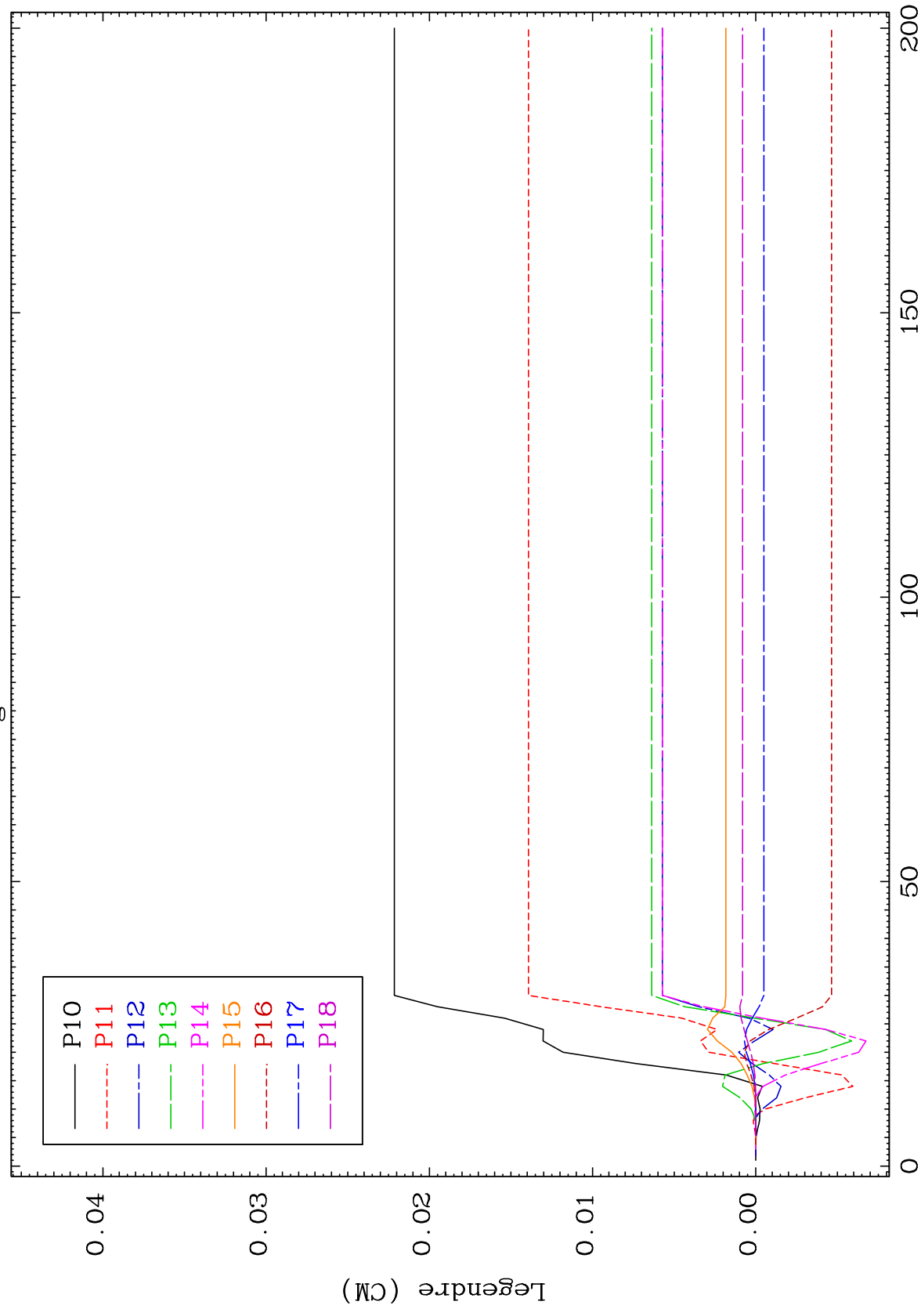




MAT 5301

MT= 54 (n, n') Level
Legendre Coefficients

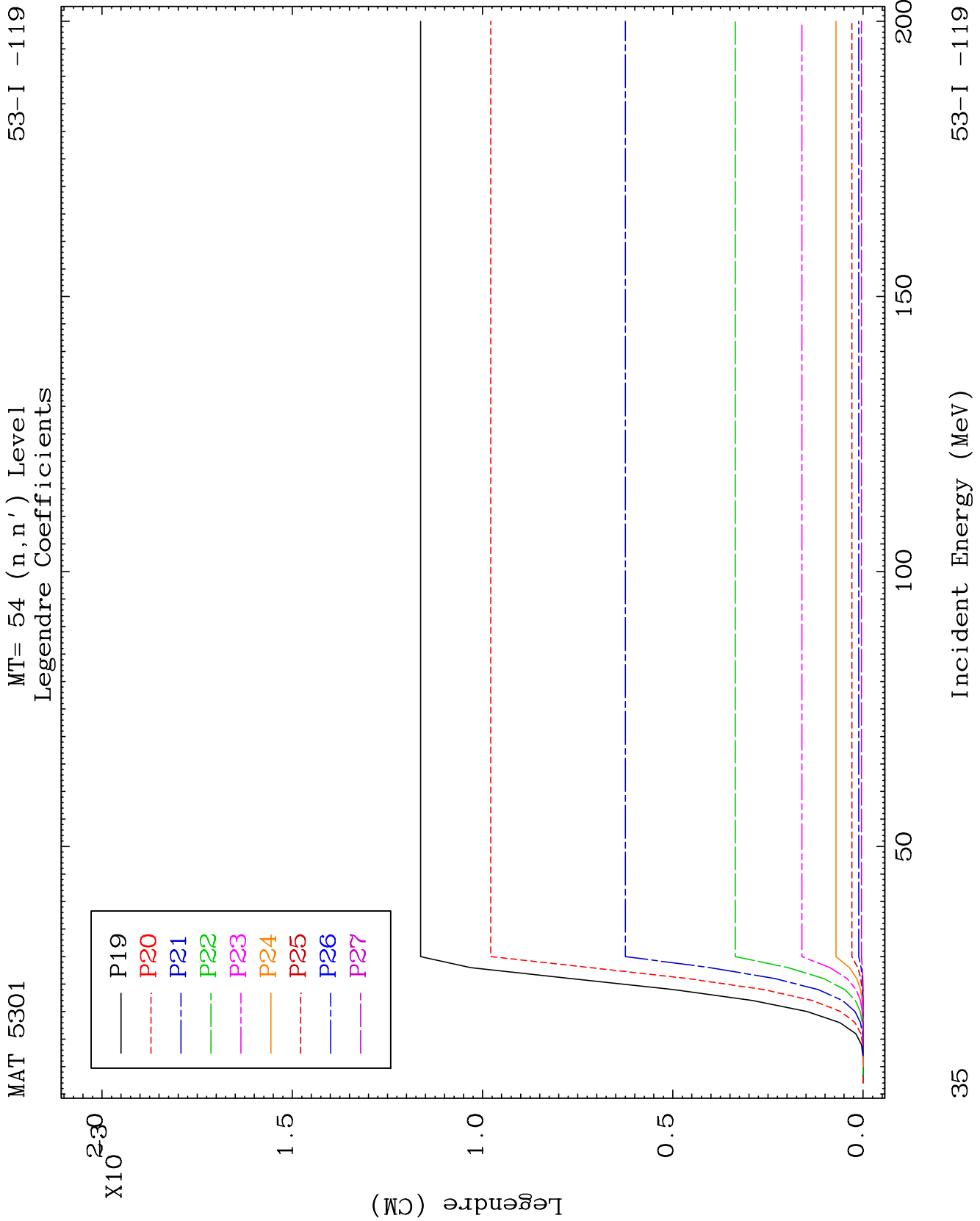
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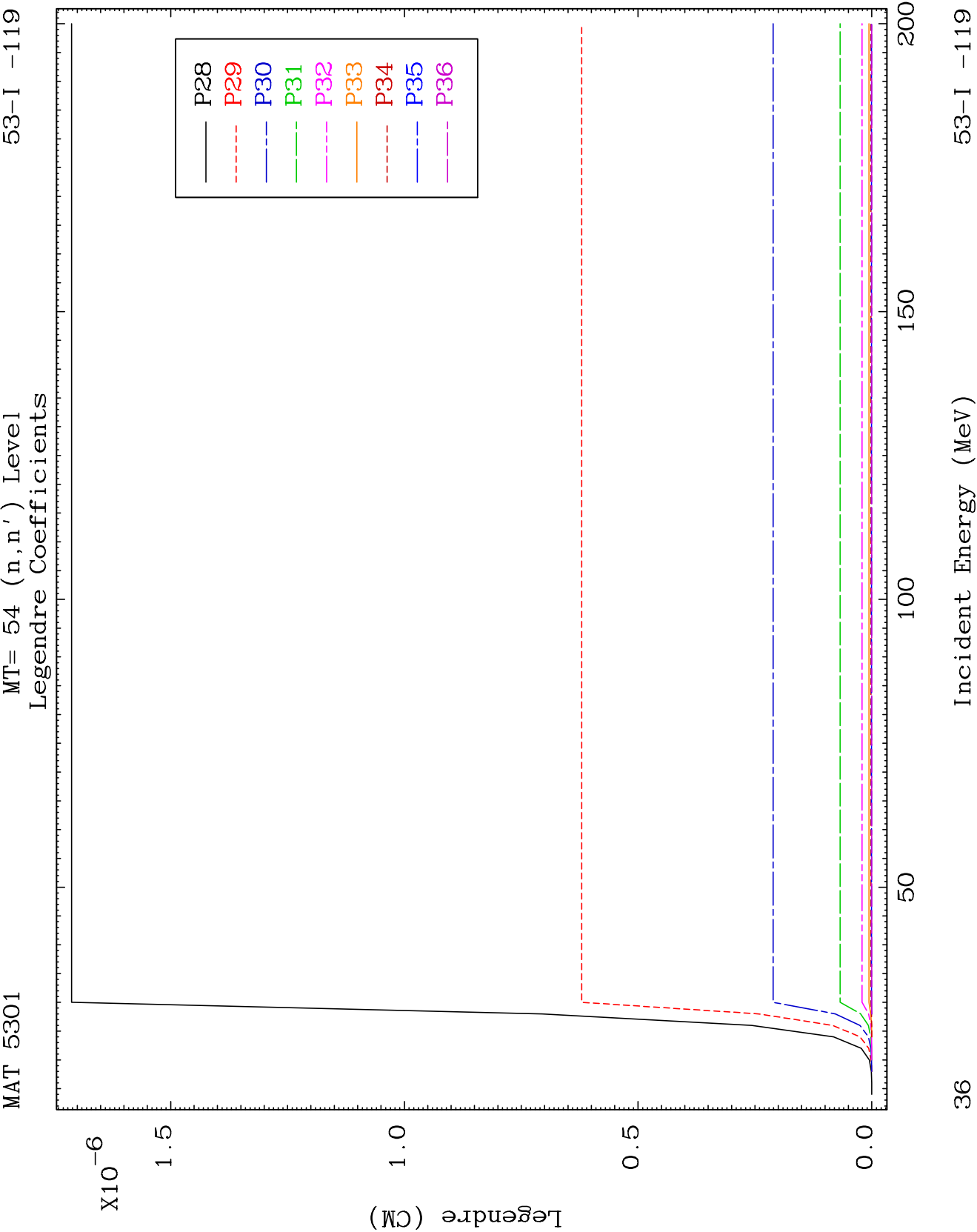


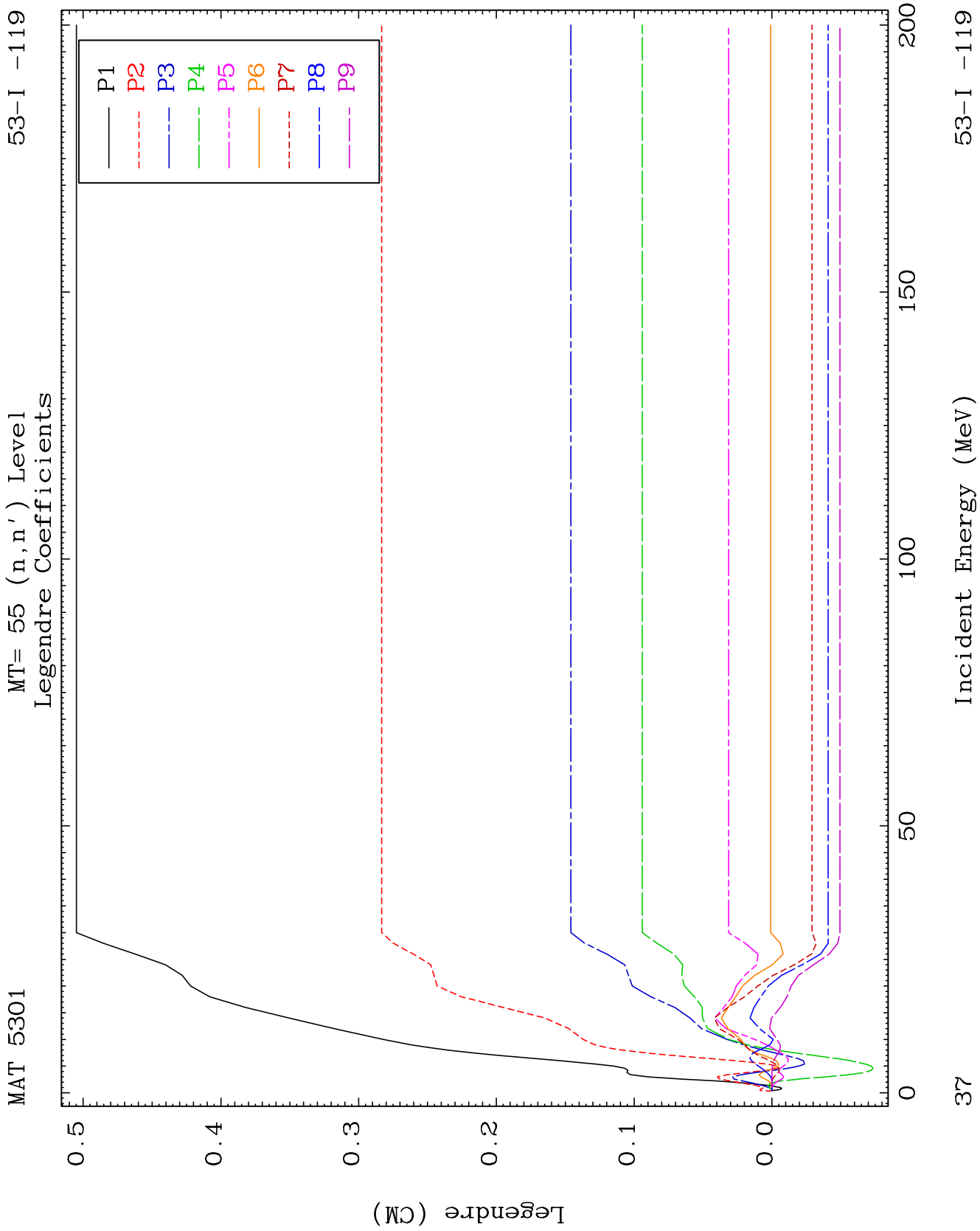
34

Incident Energy (MeV)

53-I -119



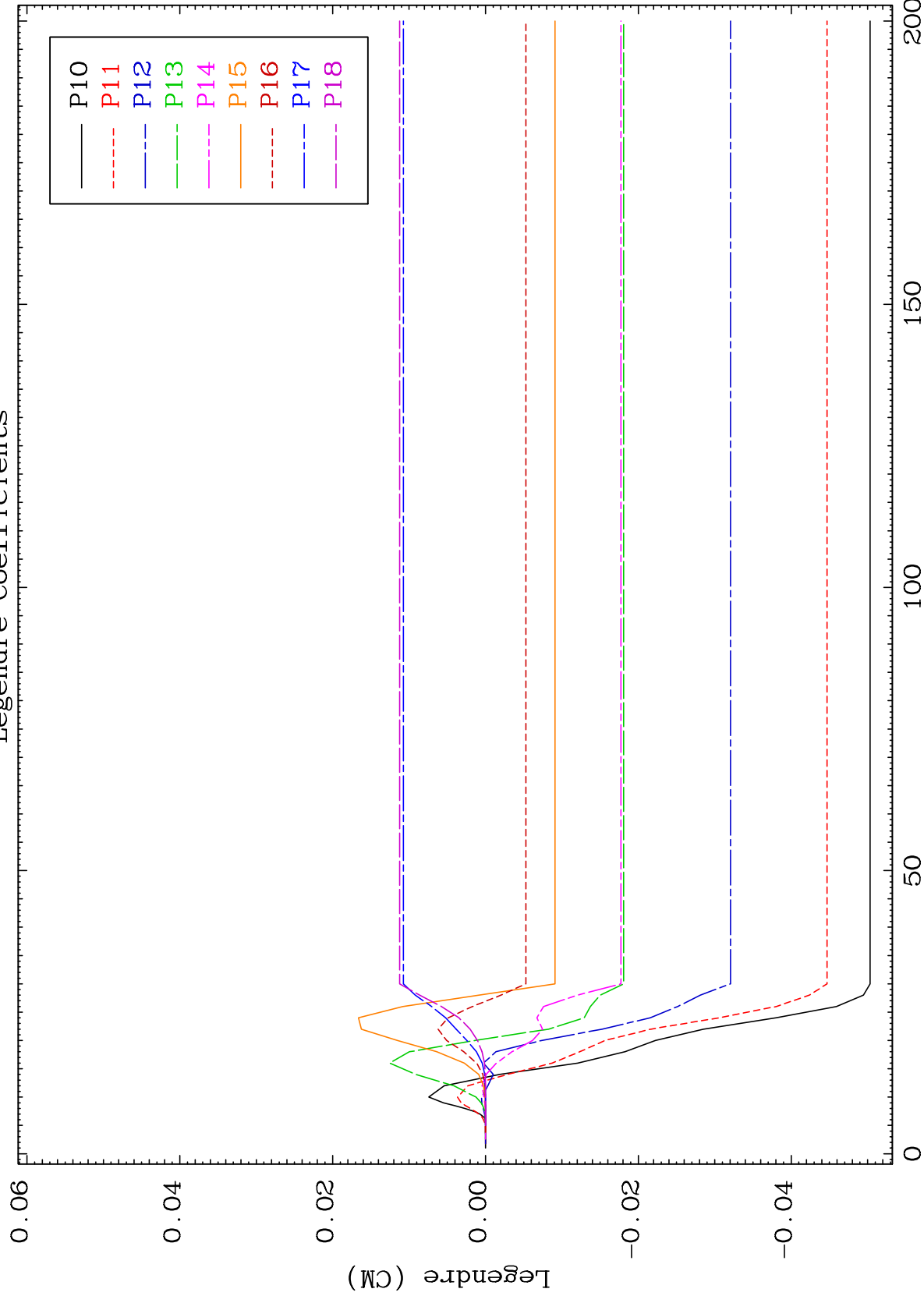




MAT 5301

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

53-I -119



33

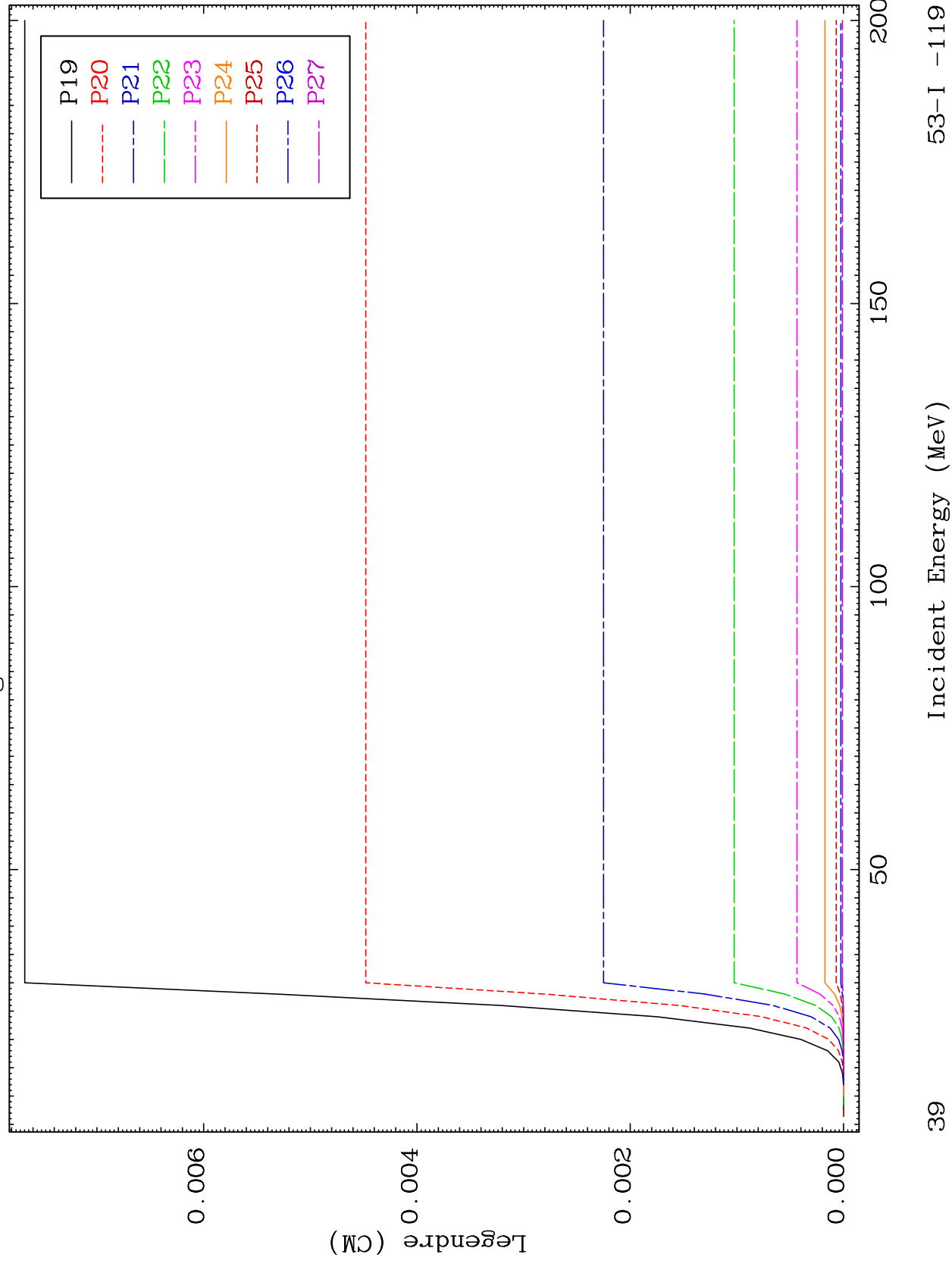
Incident Energy (MeV)

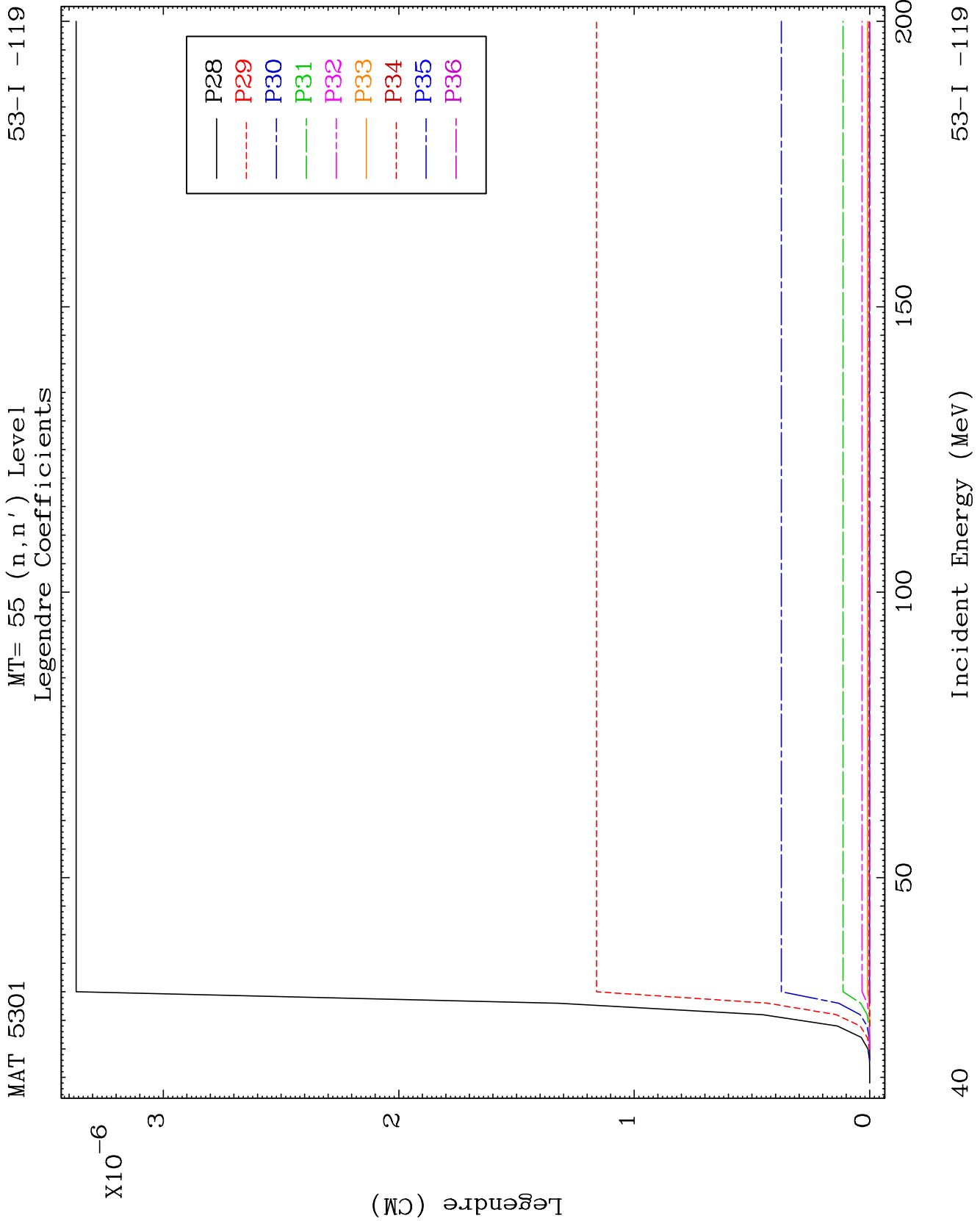
53-I -119

MAT 5301

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

53-I -119

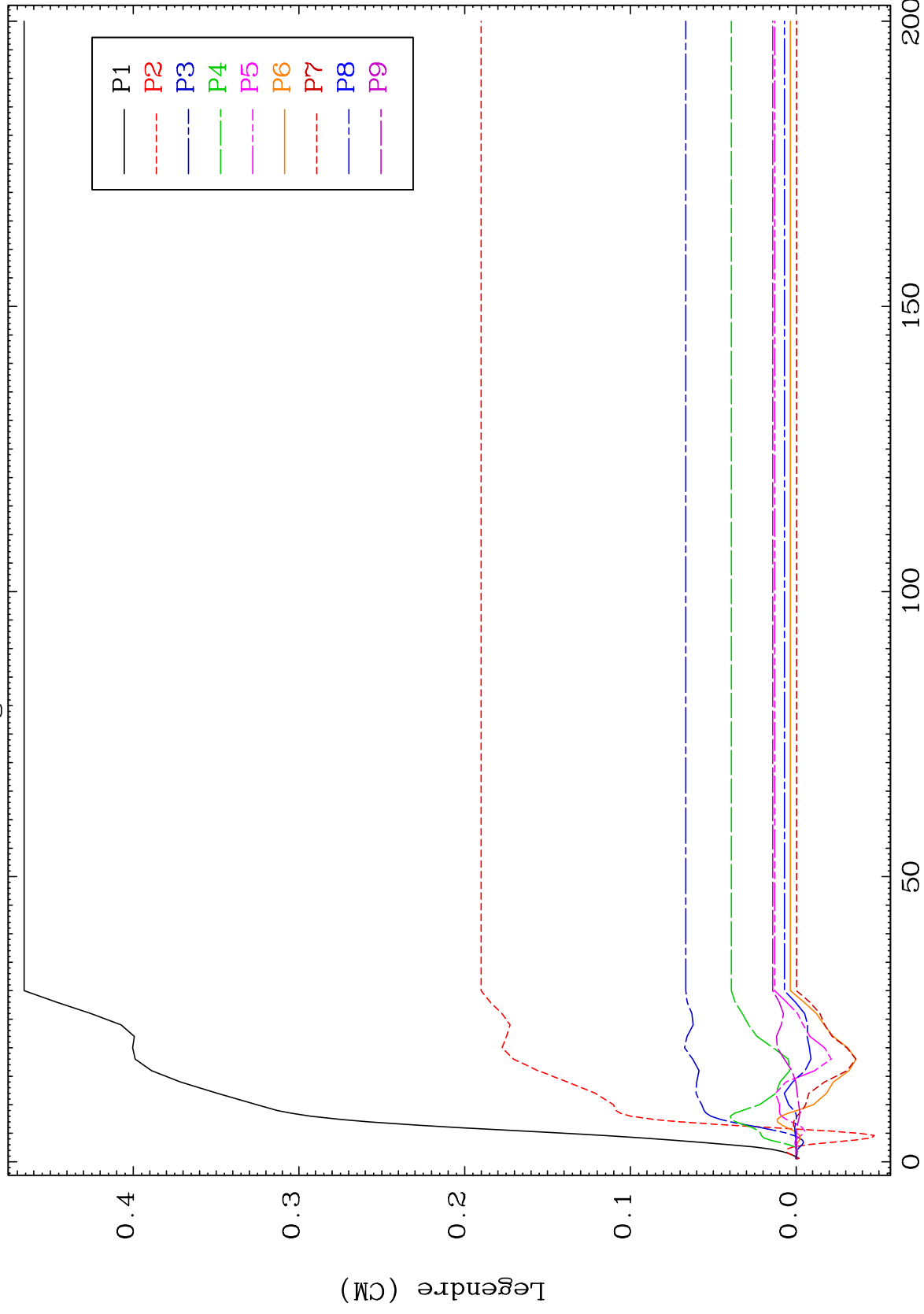




MAT 5301

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

53-I -119



41

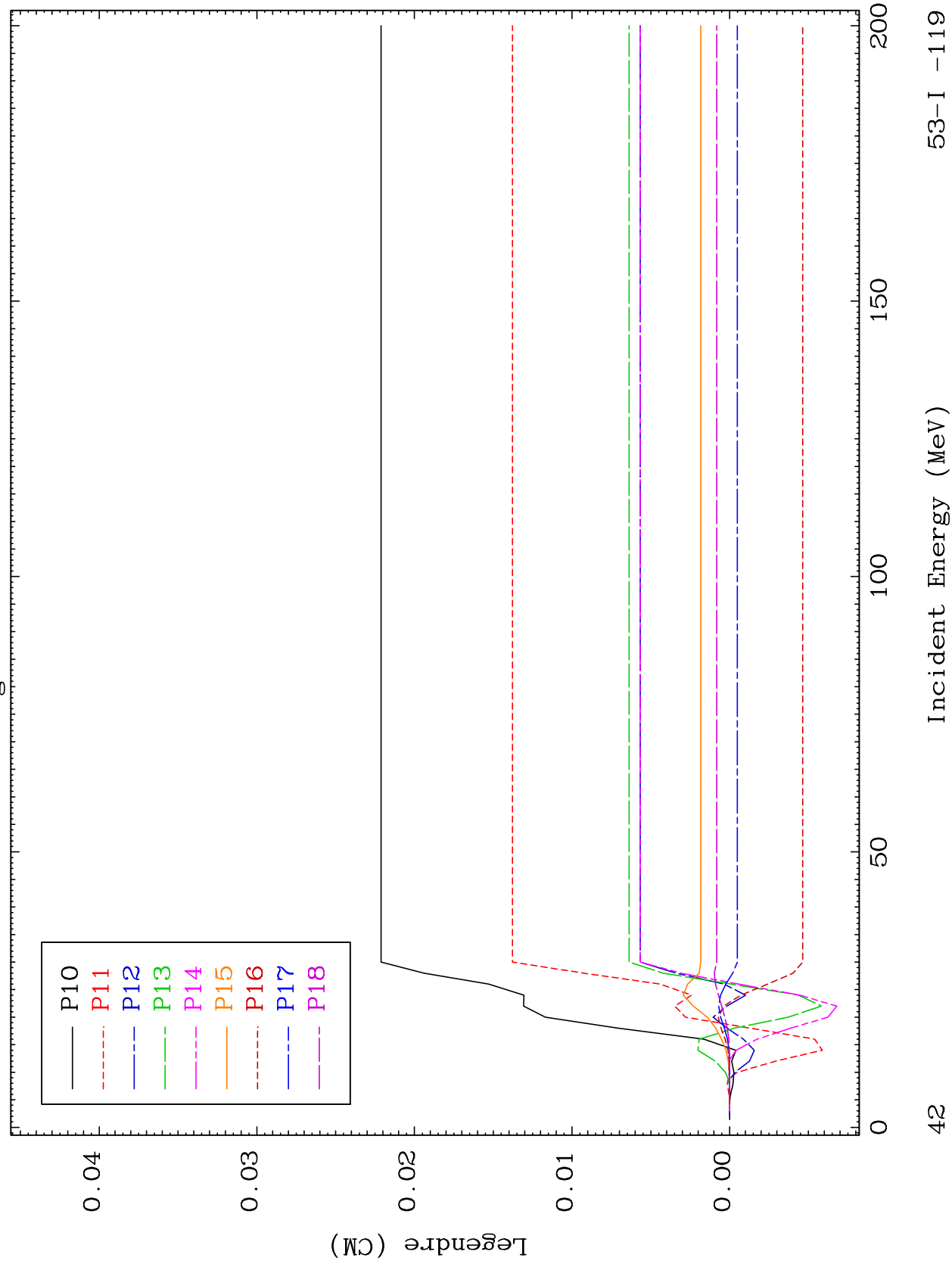
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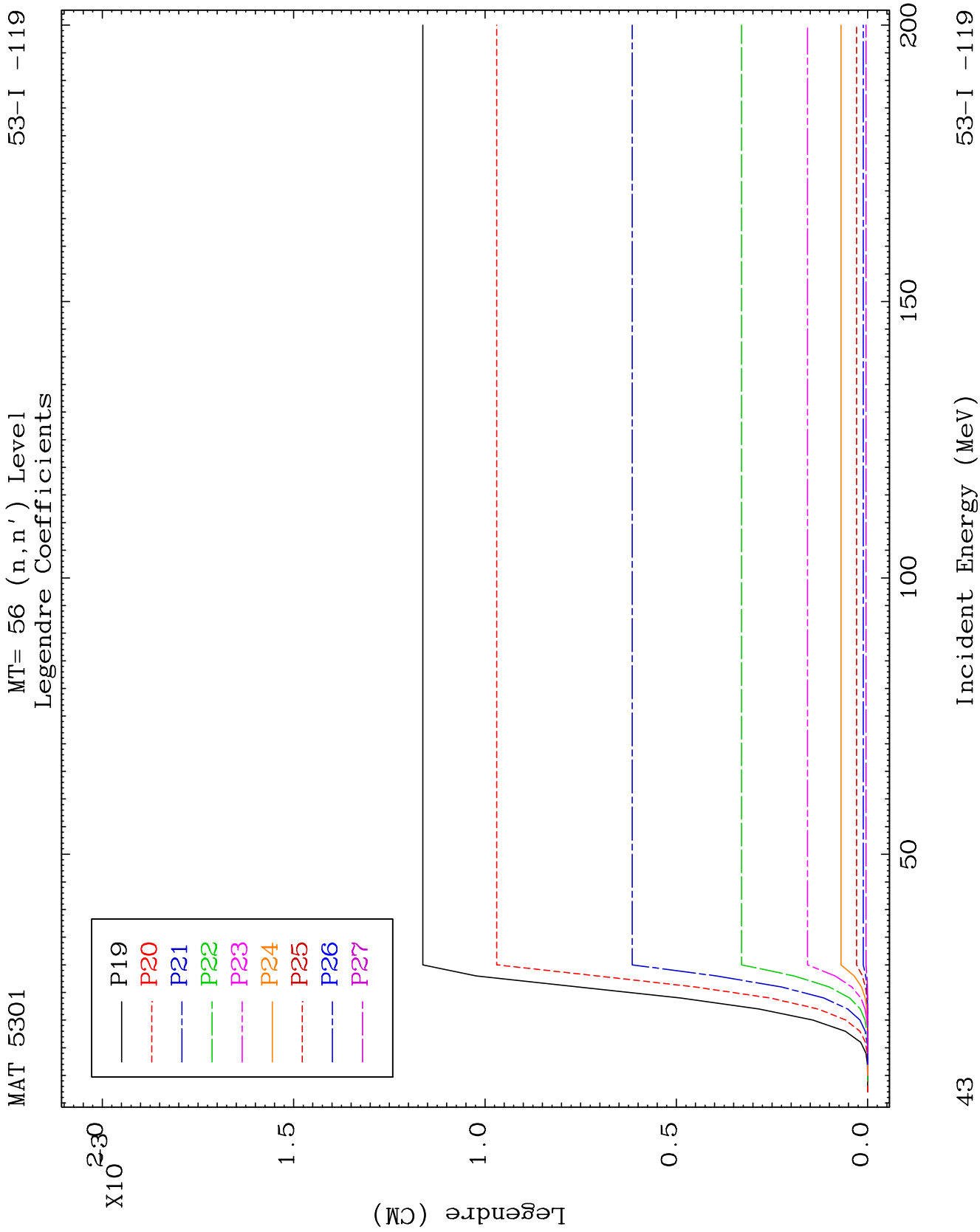
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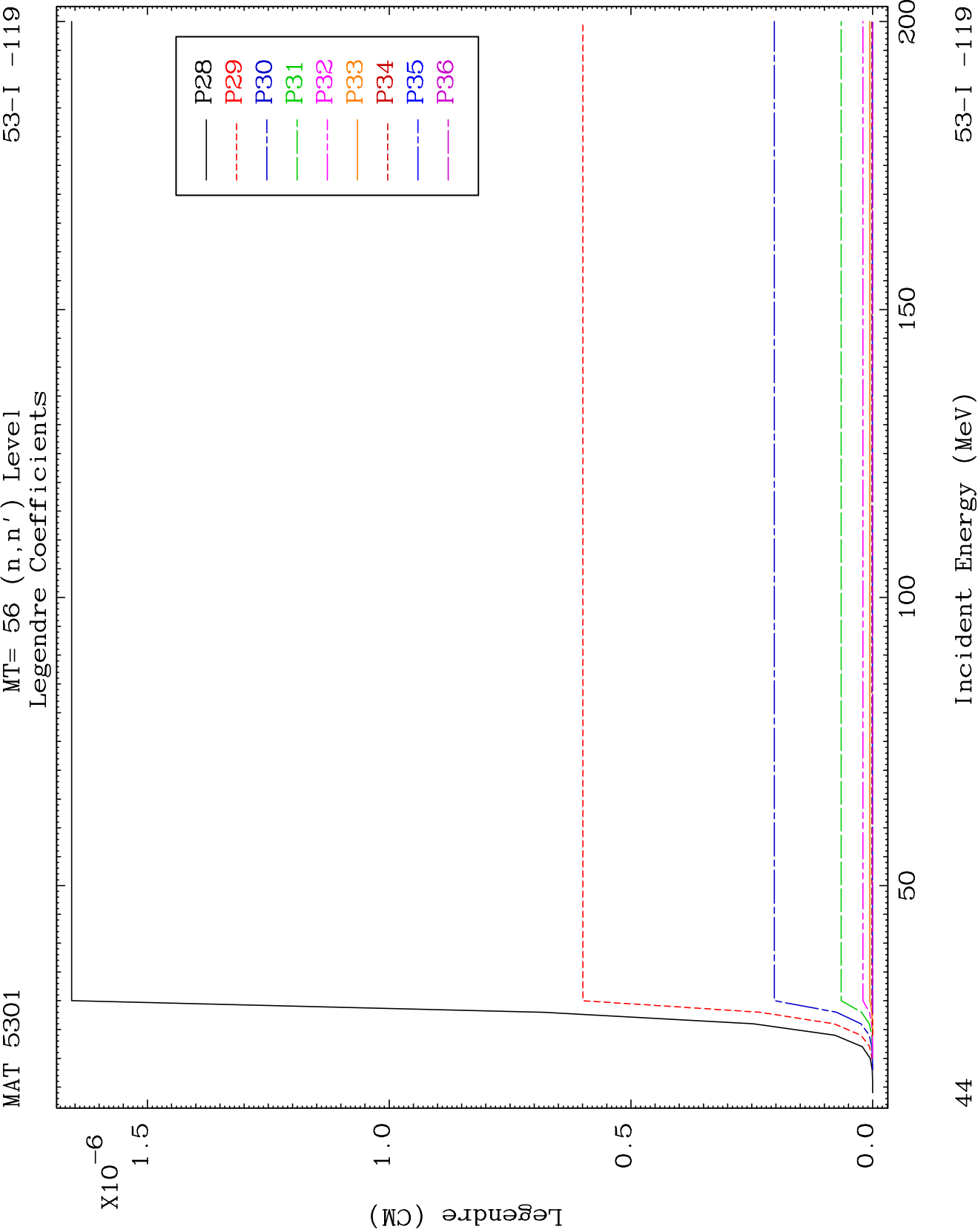
MAT 5301

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

53-I -119



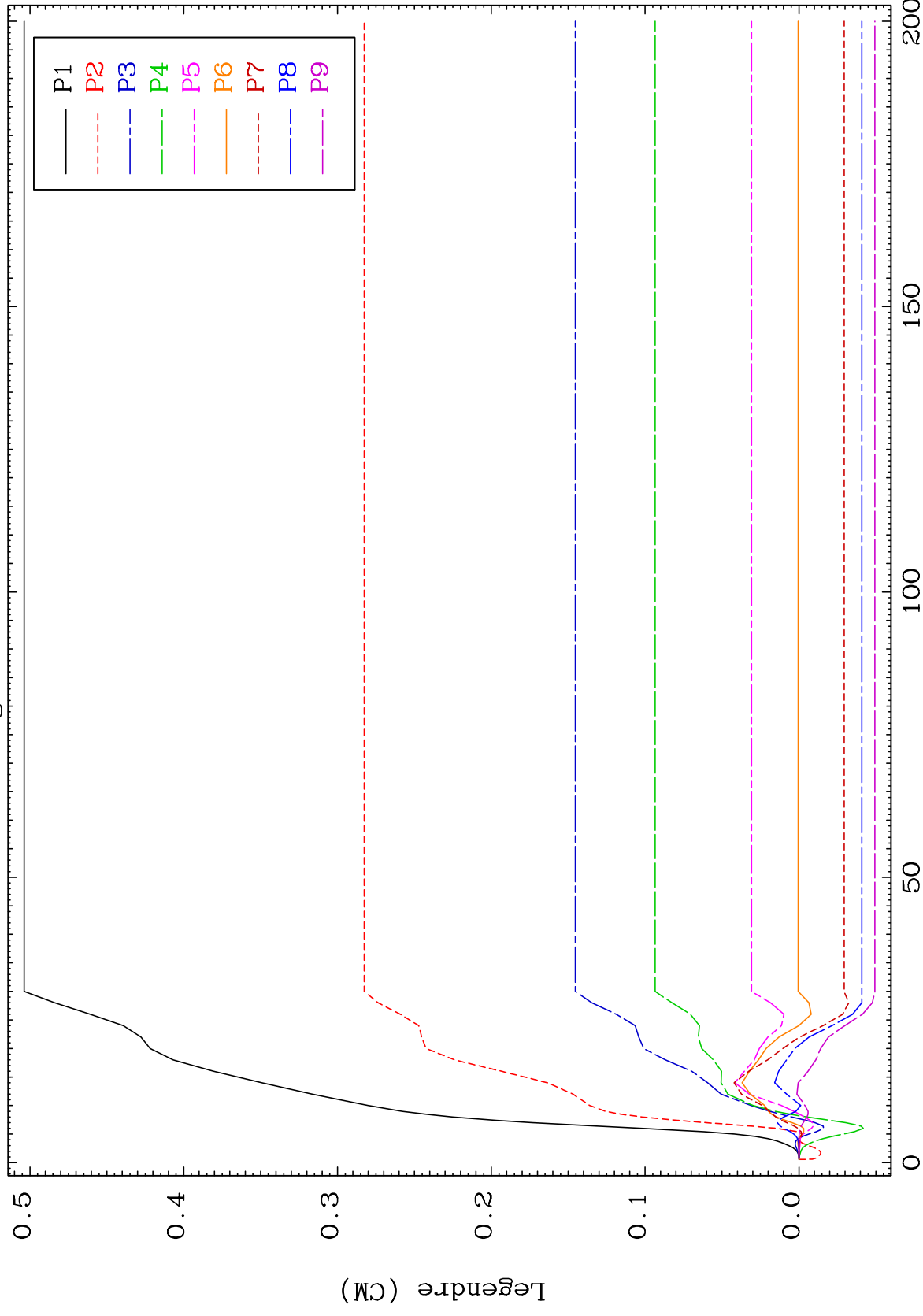




MAT 5301

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

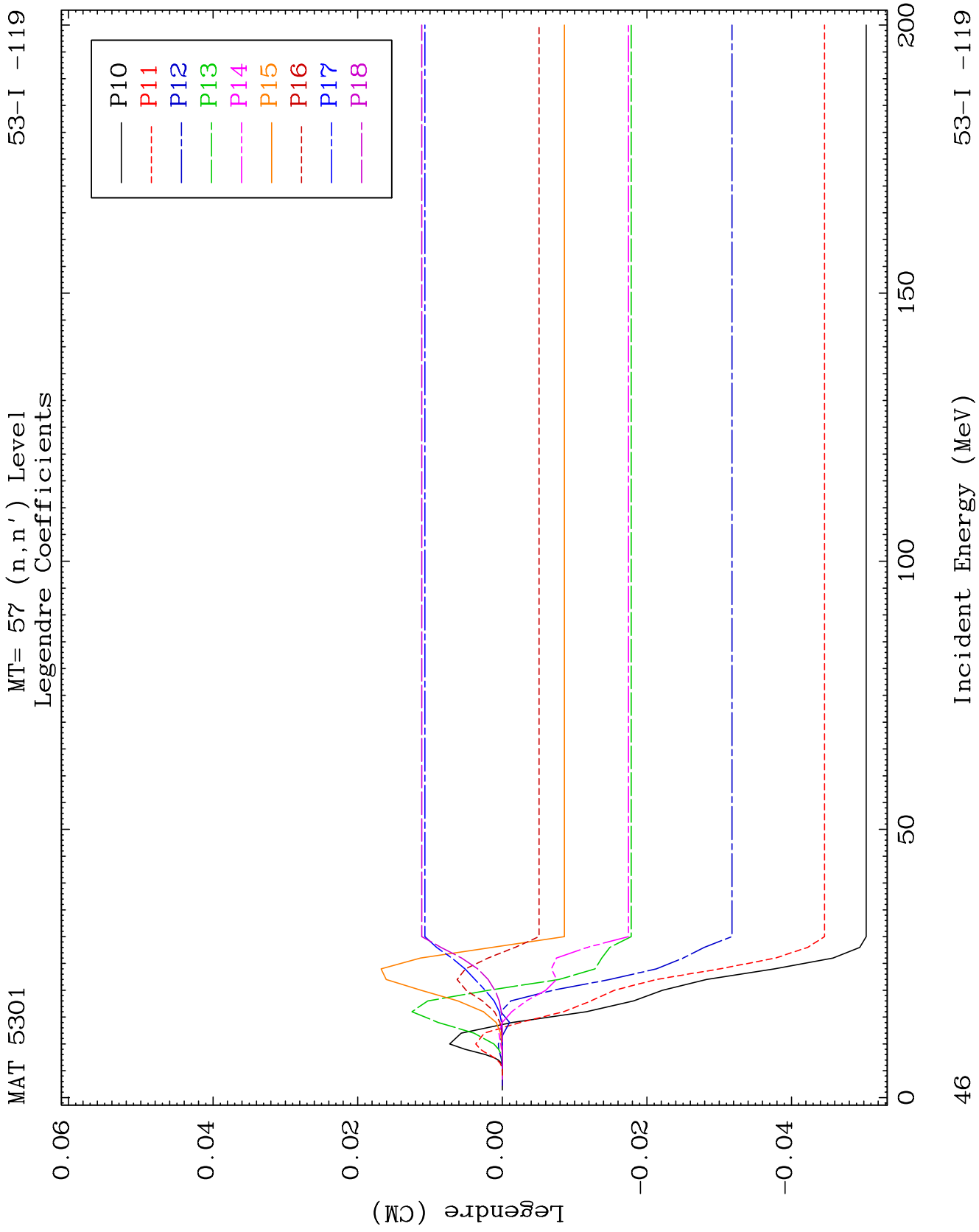
53-I -119



45

Incident Energy (MeV)

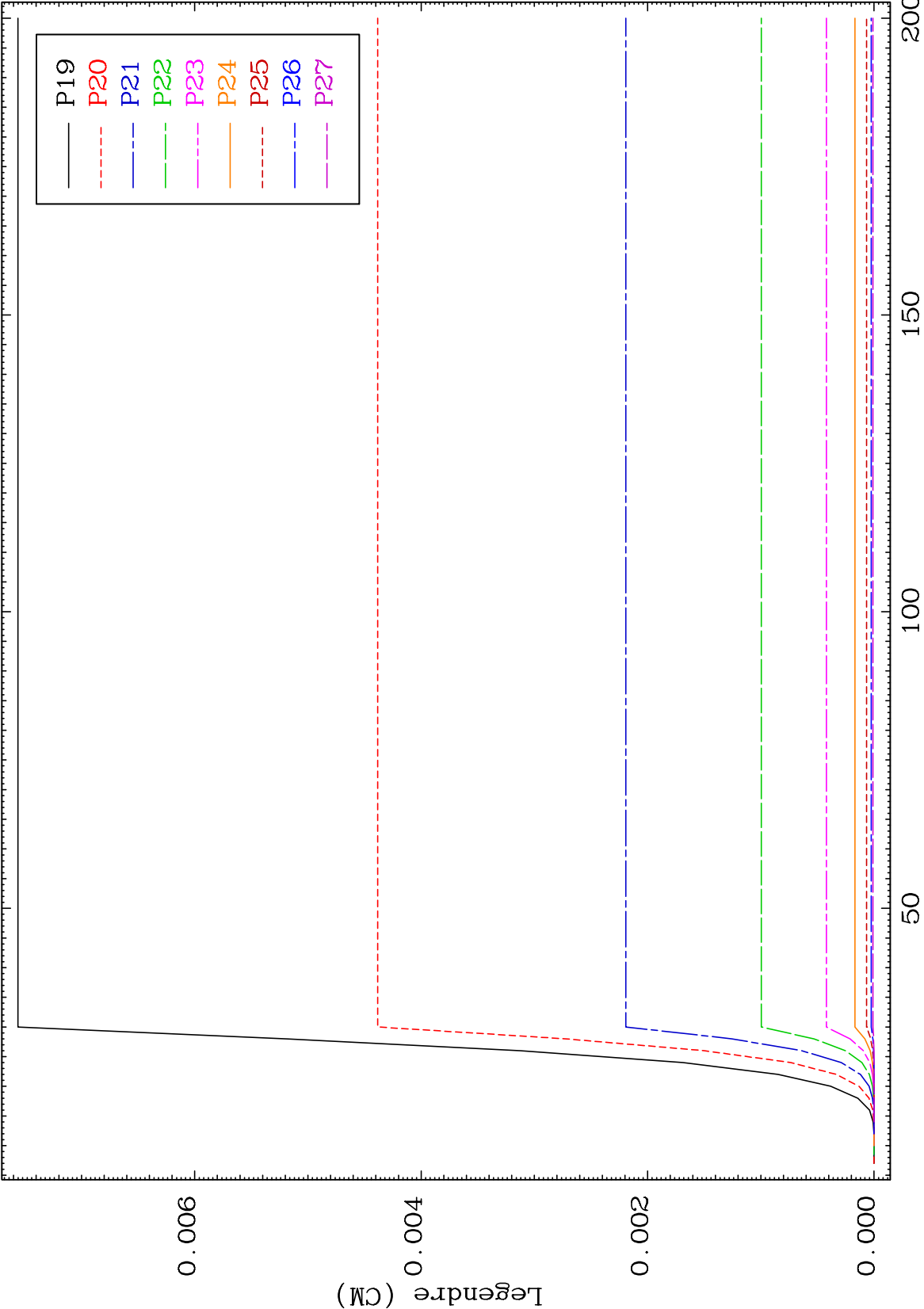
53-I -119



MAT 5301

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

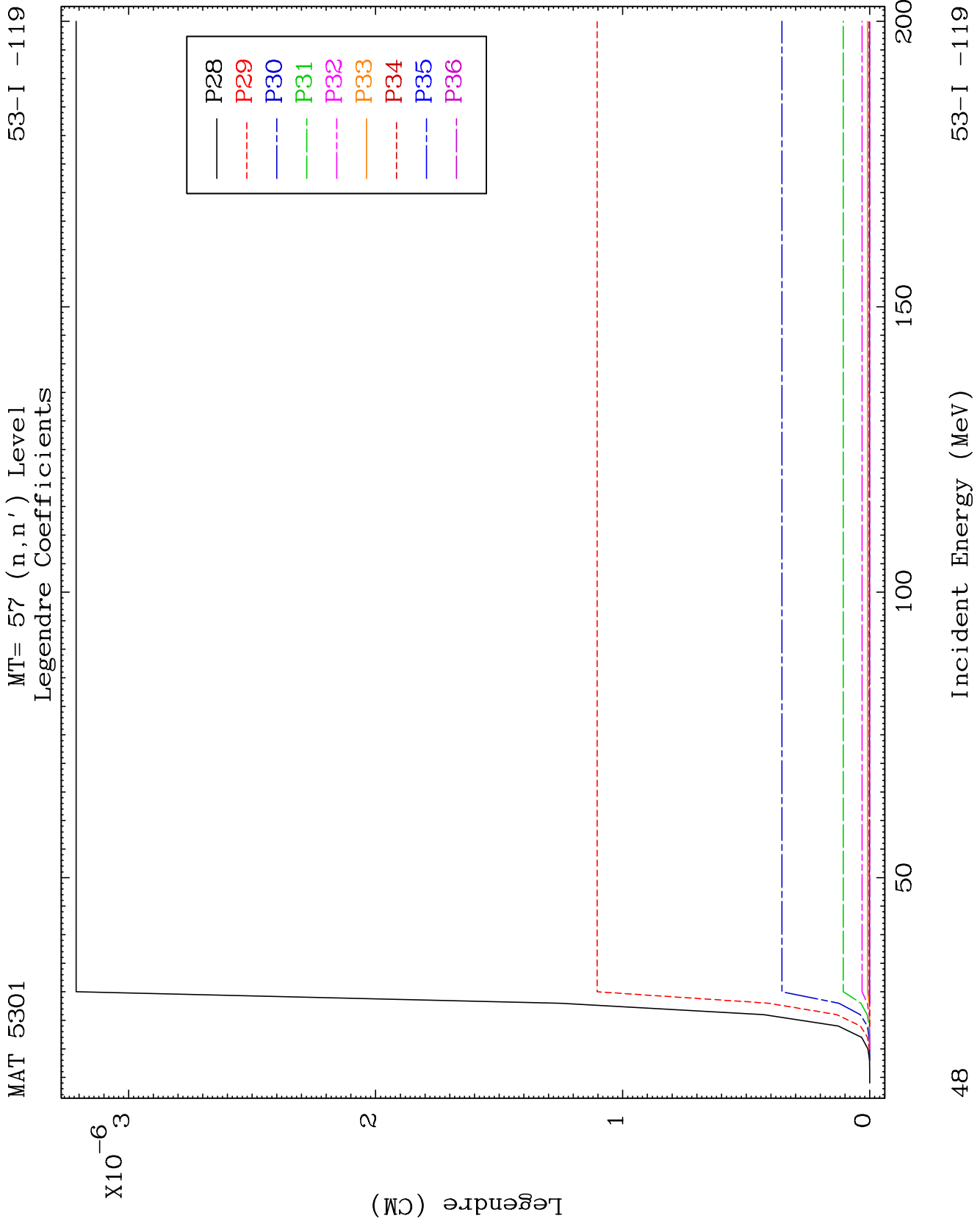
53-I -119



47

Incident Energy (MeV)

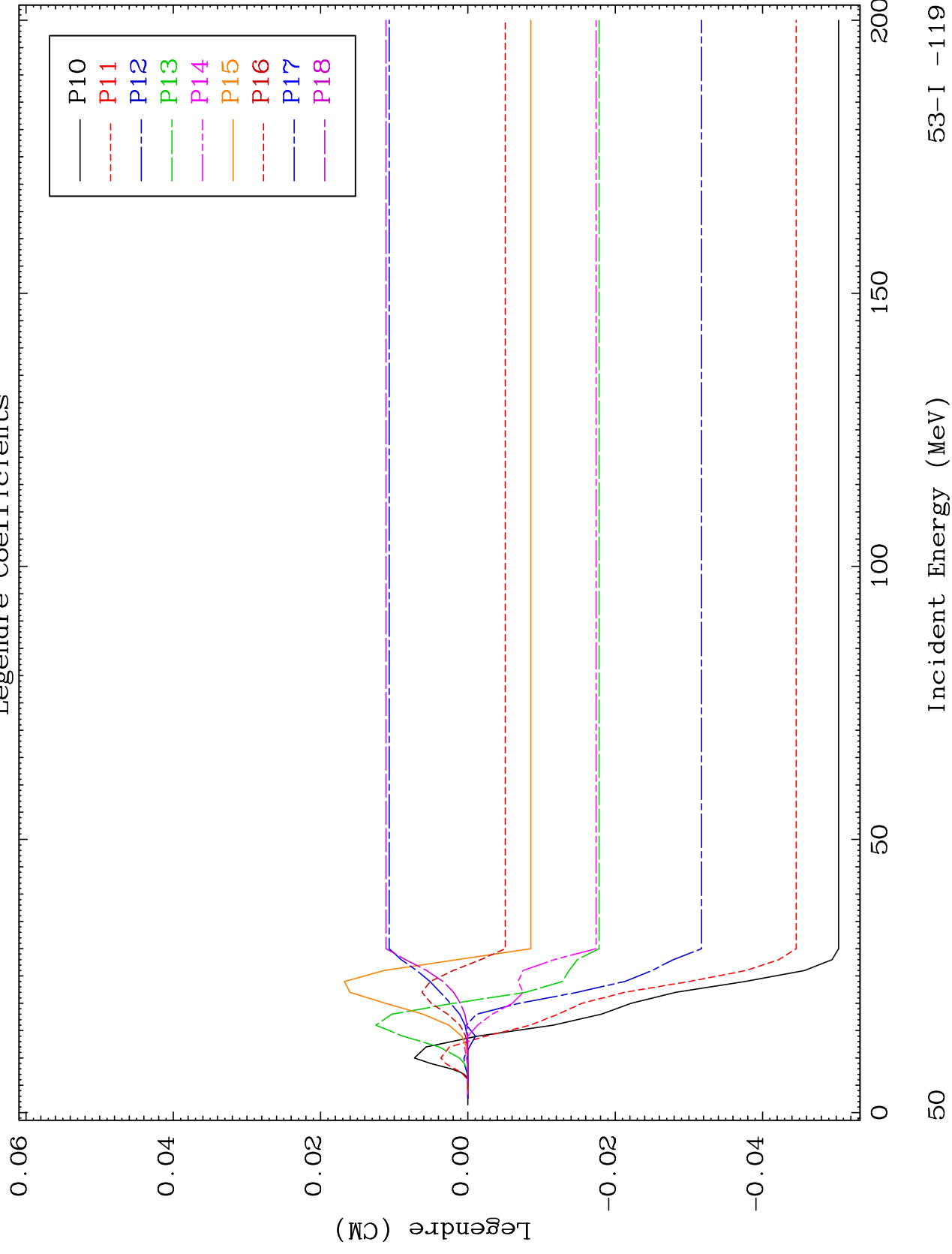
53-I -119



MAT 5301

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

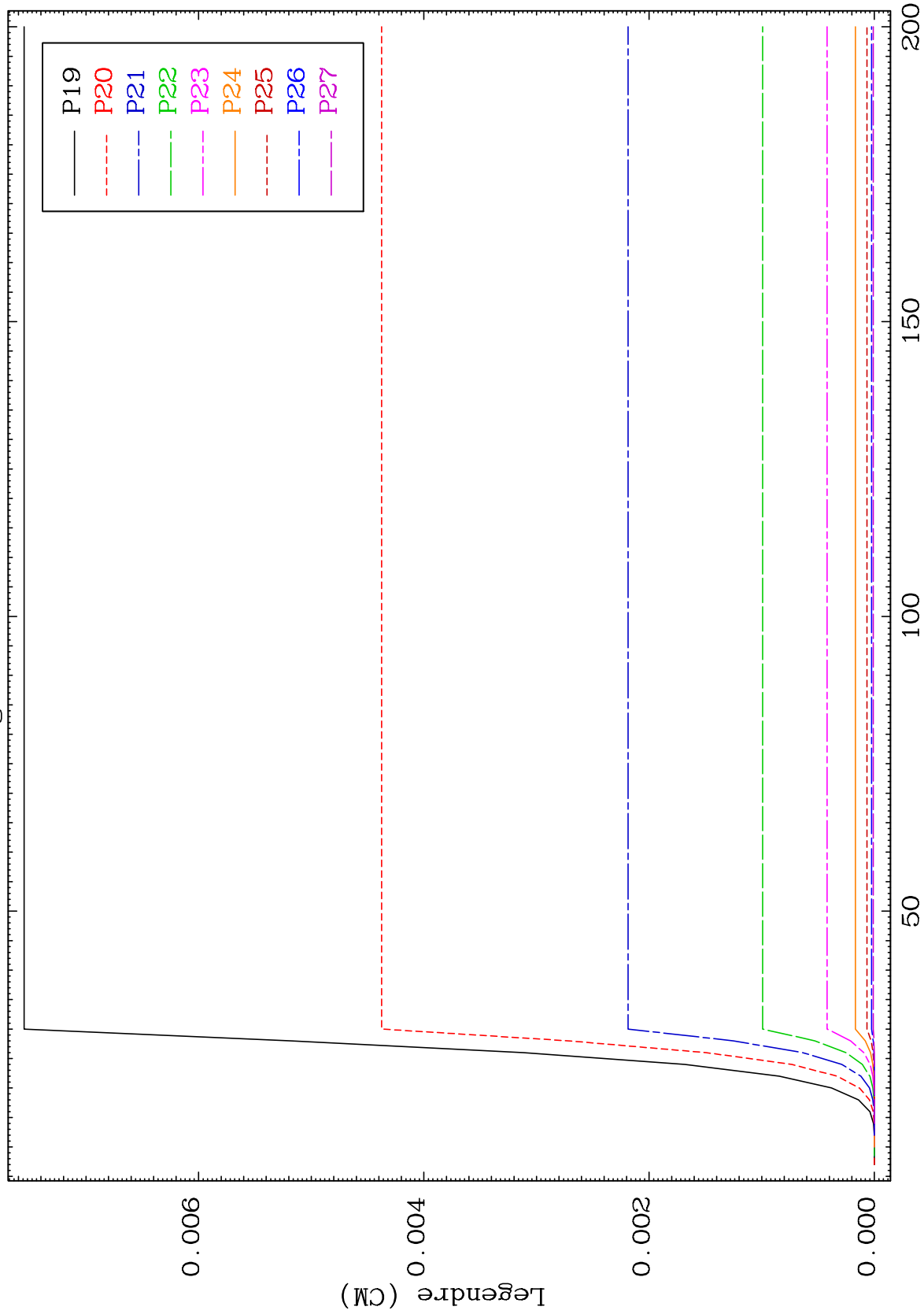
53-I -119



MAT 5301

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

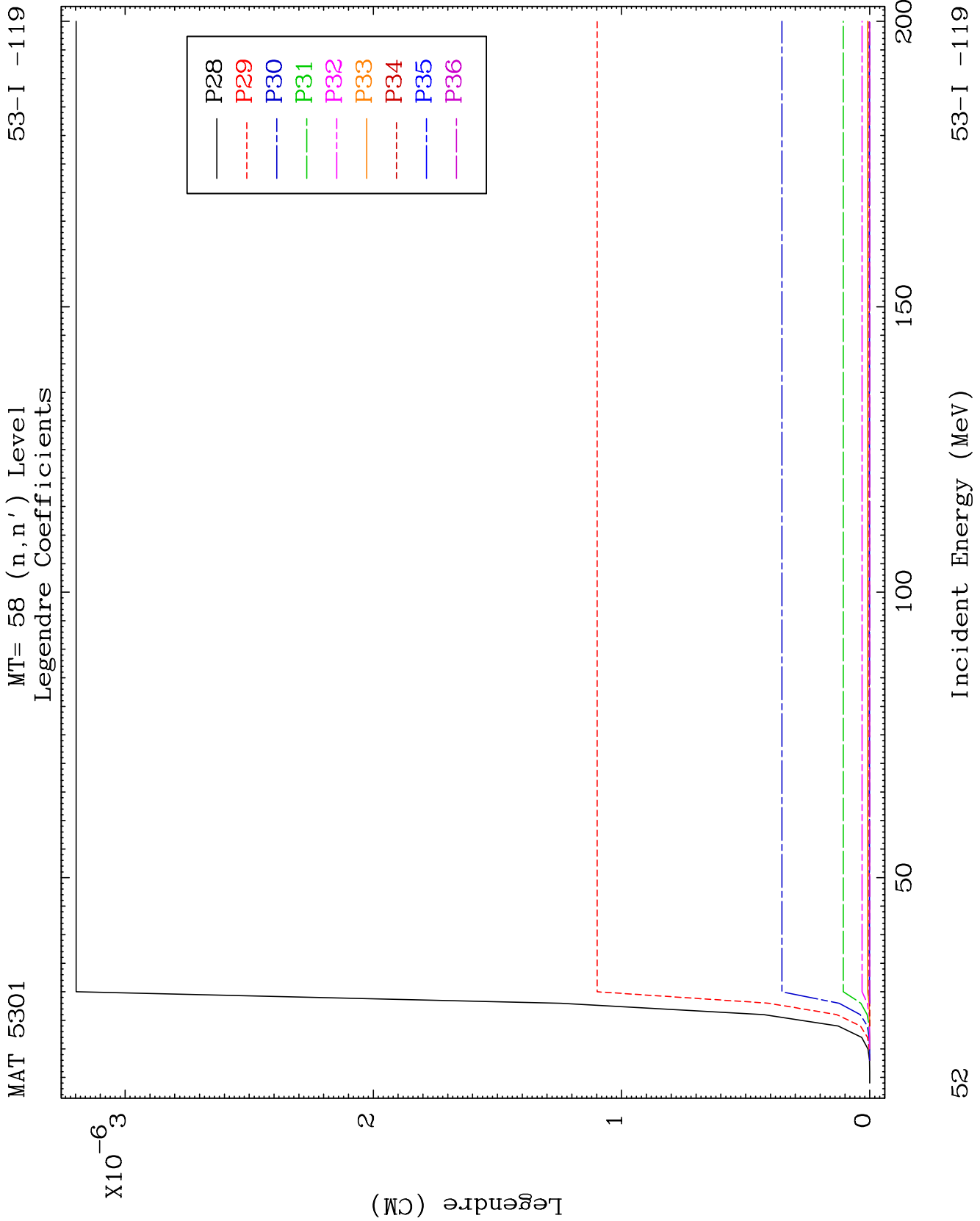
53-I -119

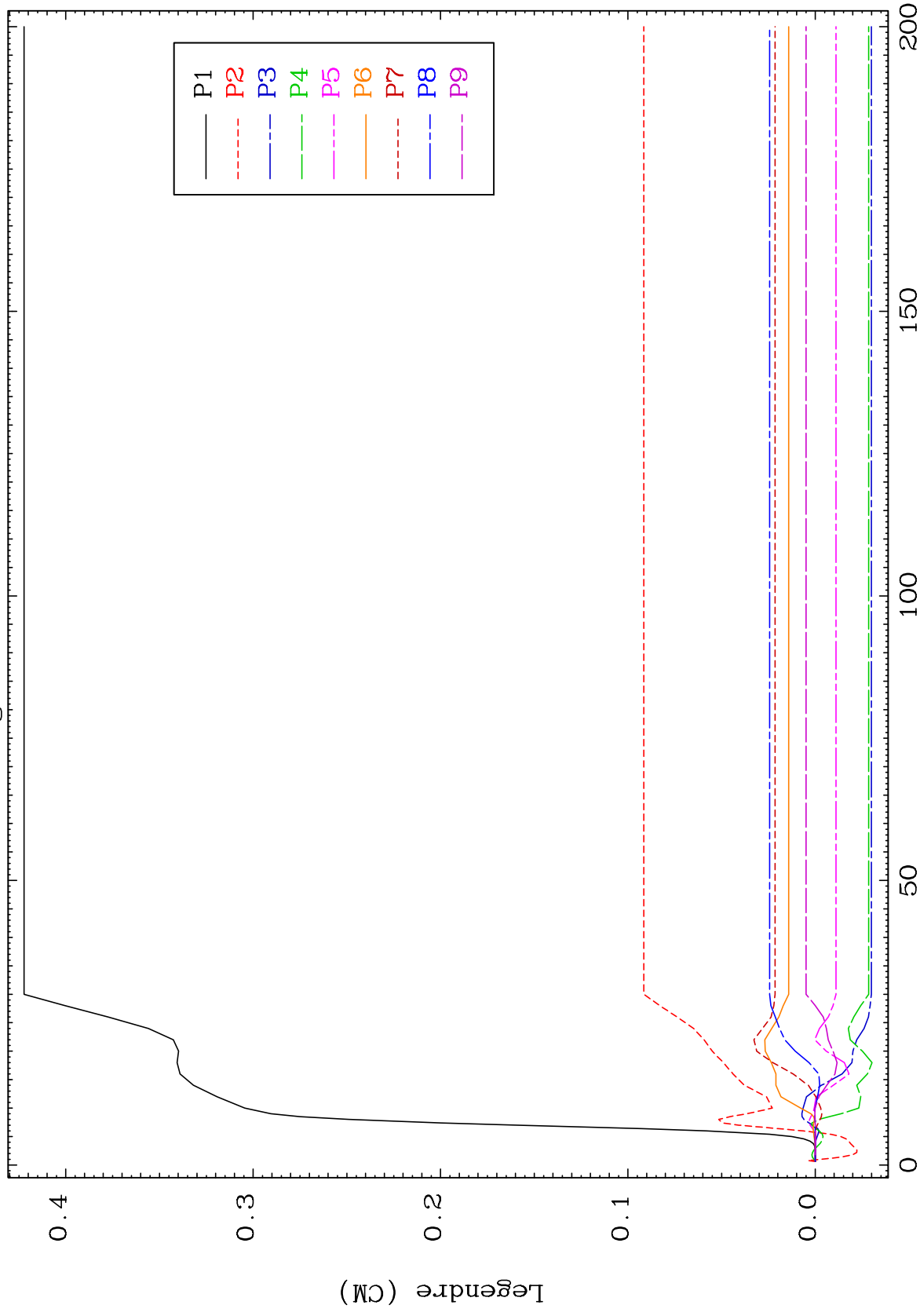


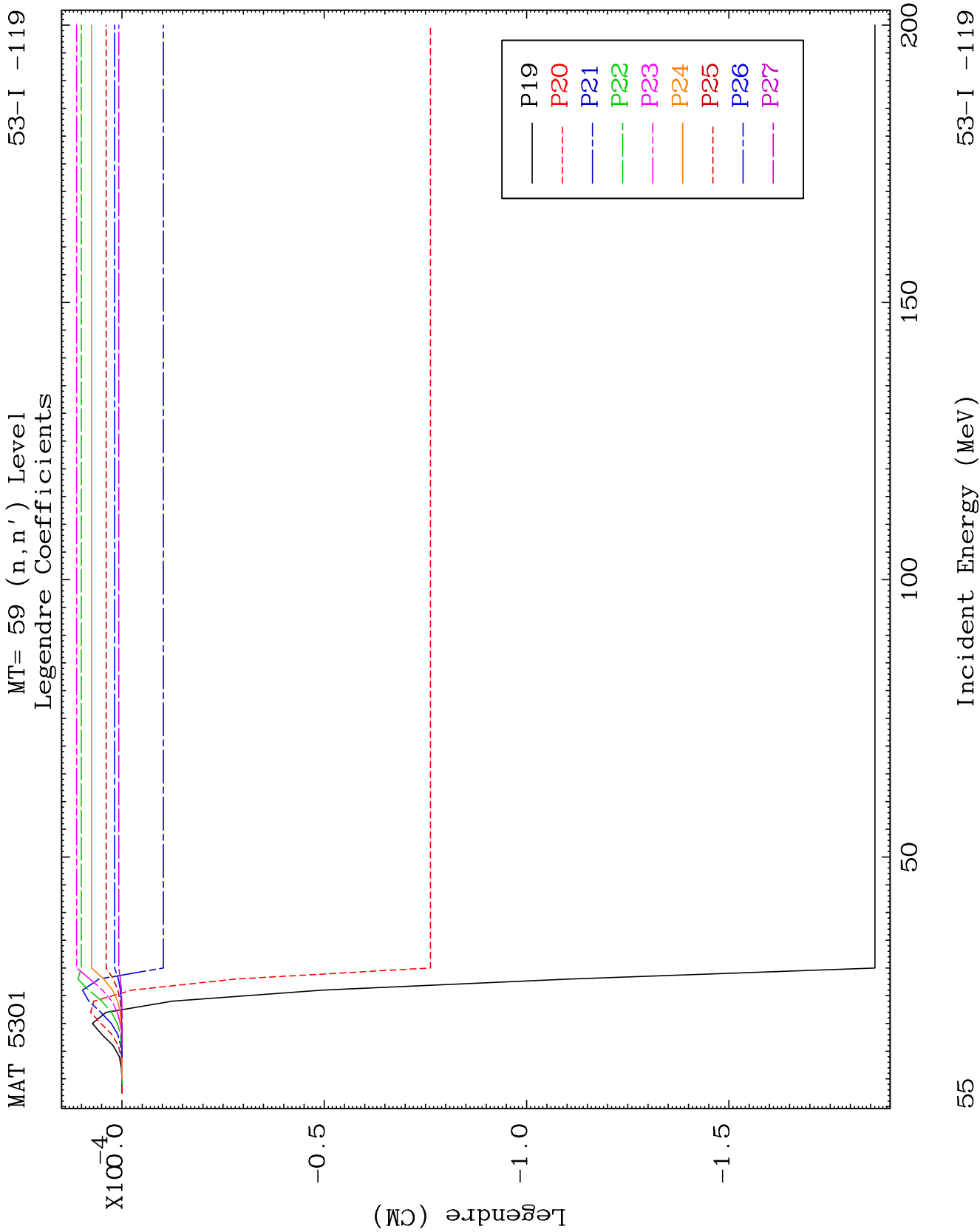
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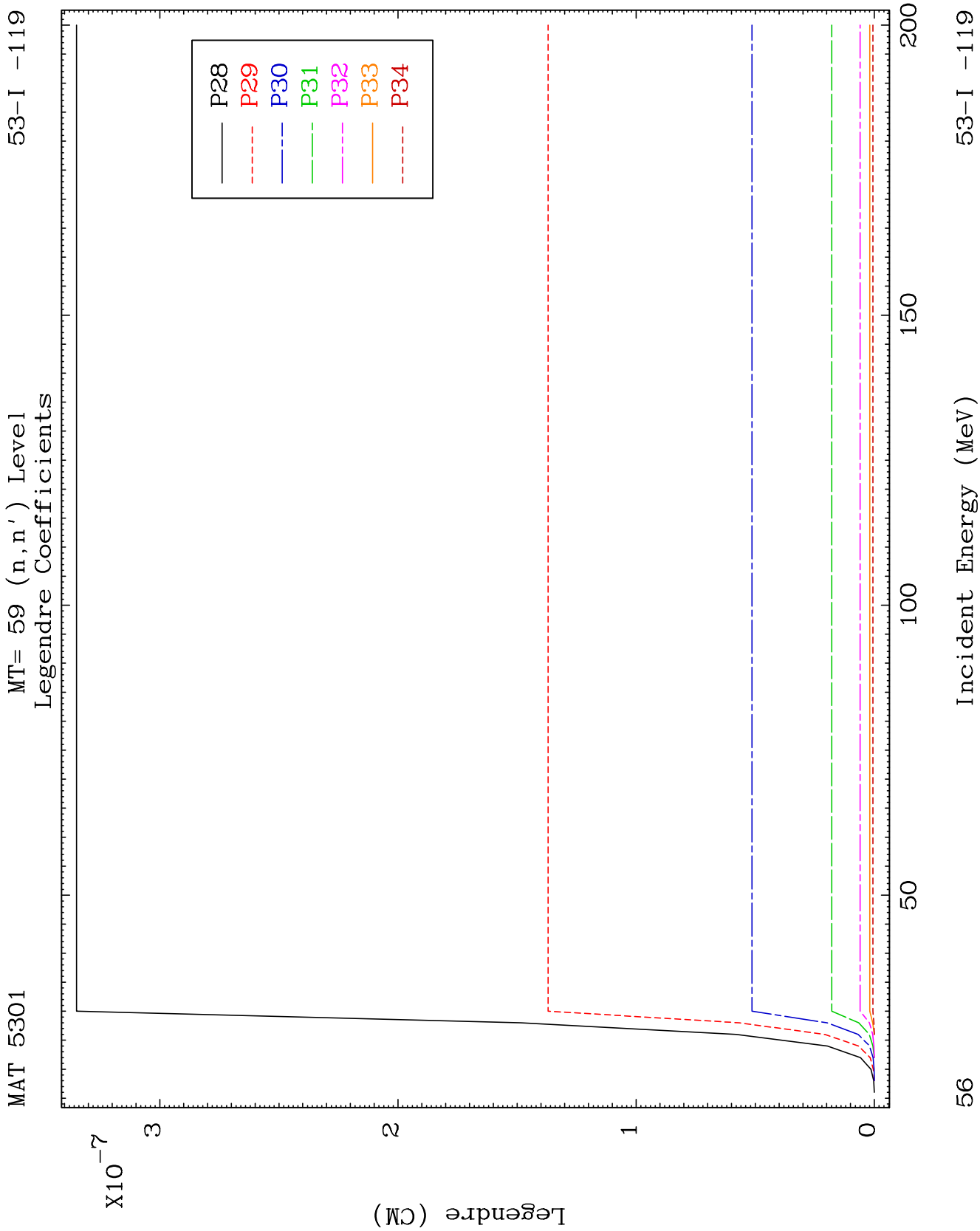
Incident Energy (MeV)

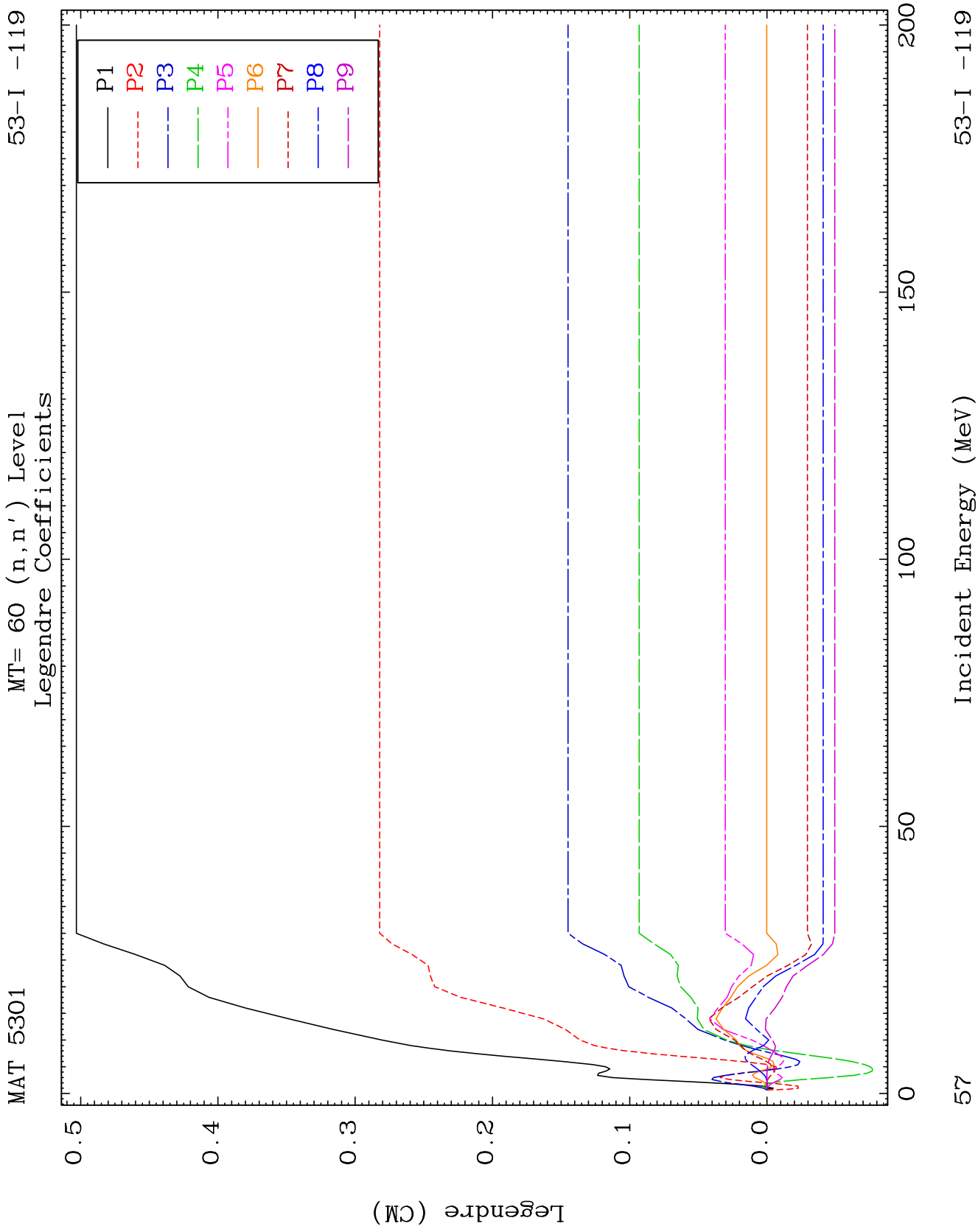
53-I -119

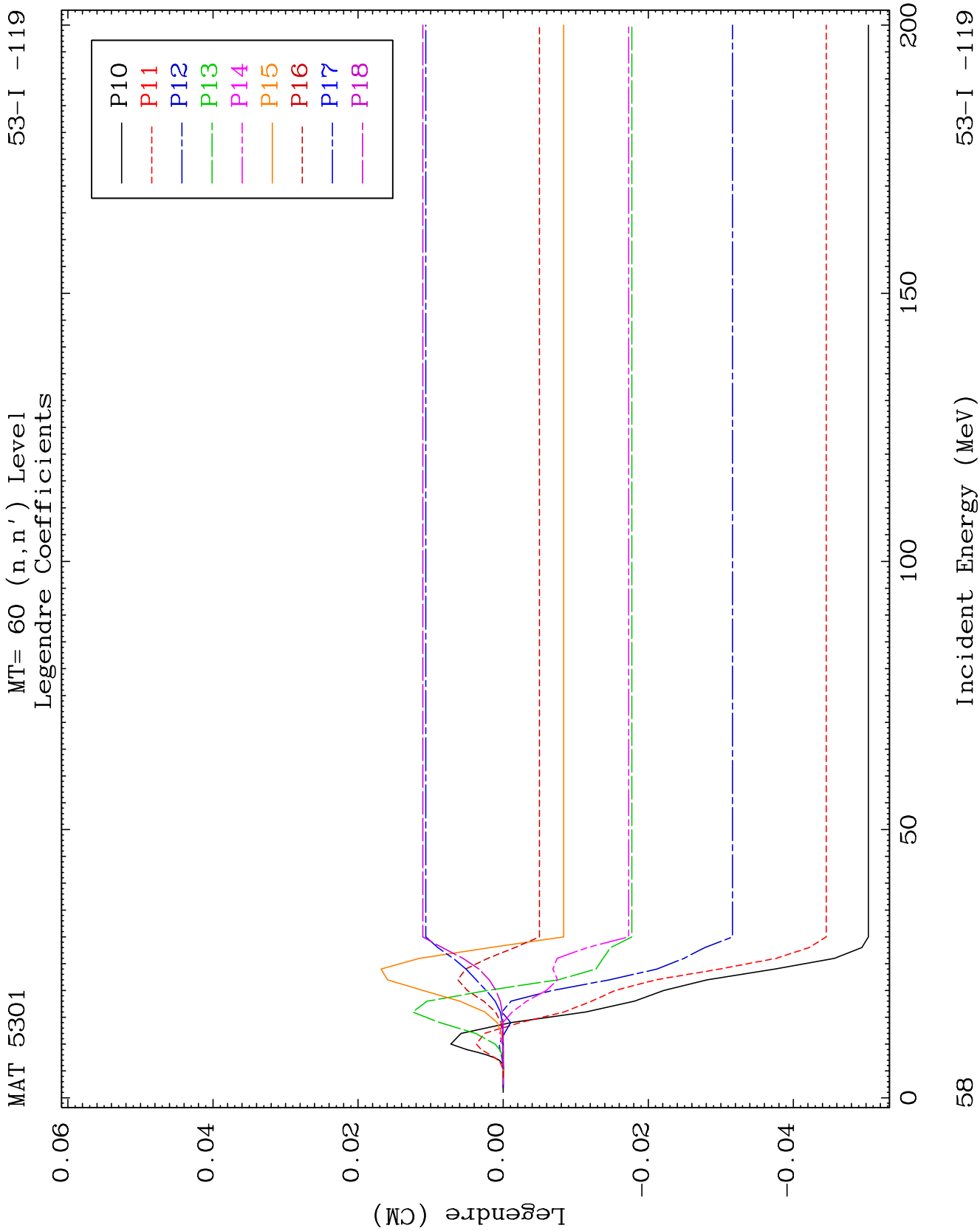


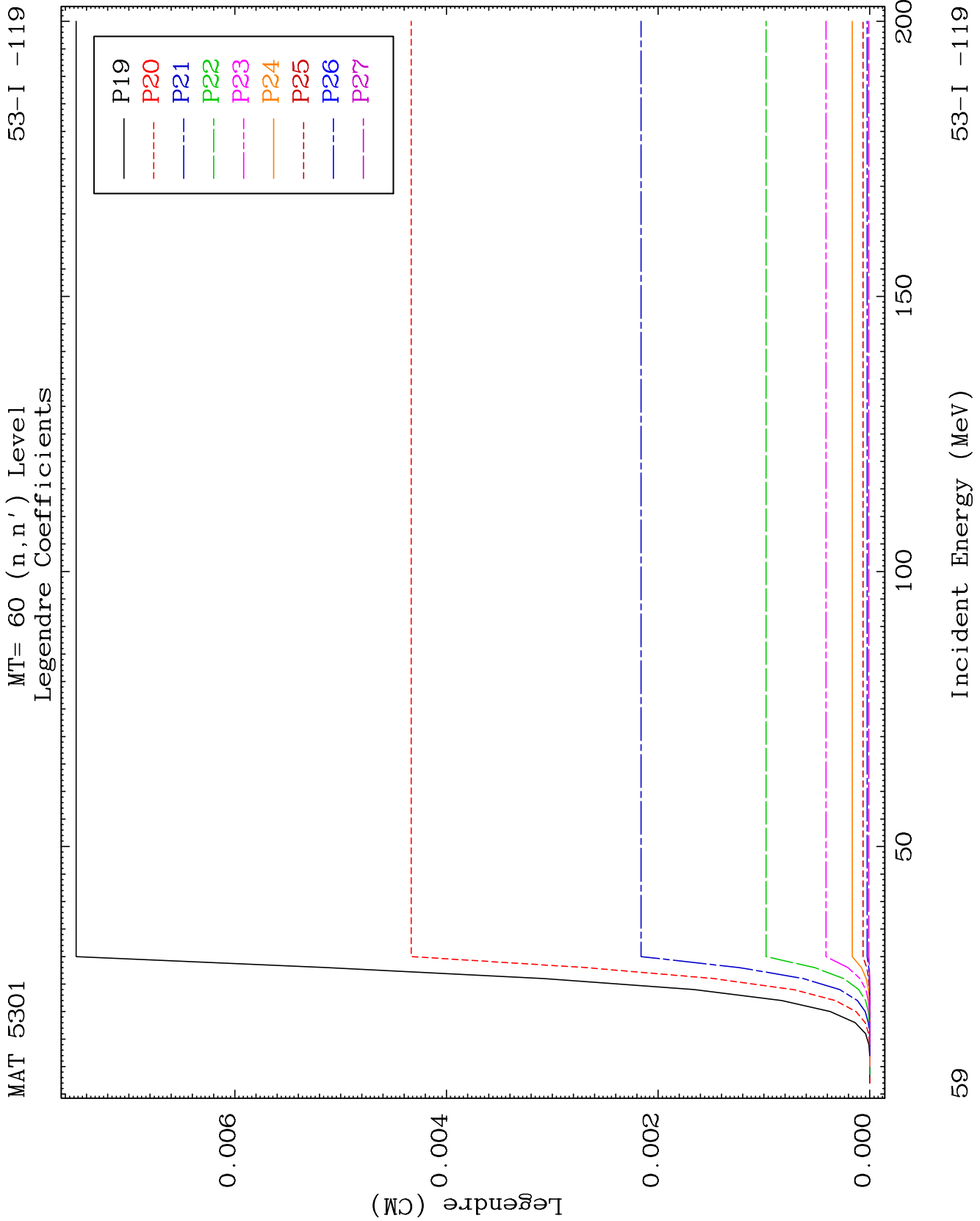








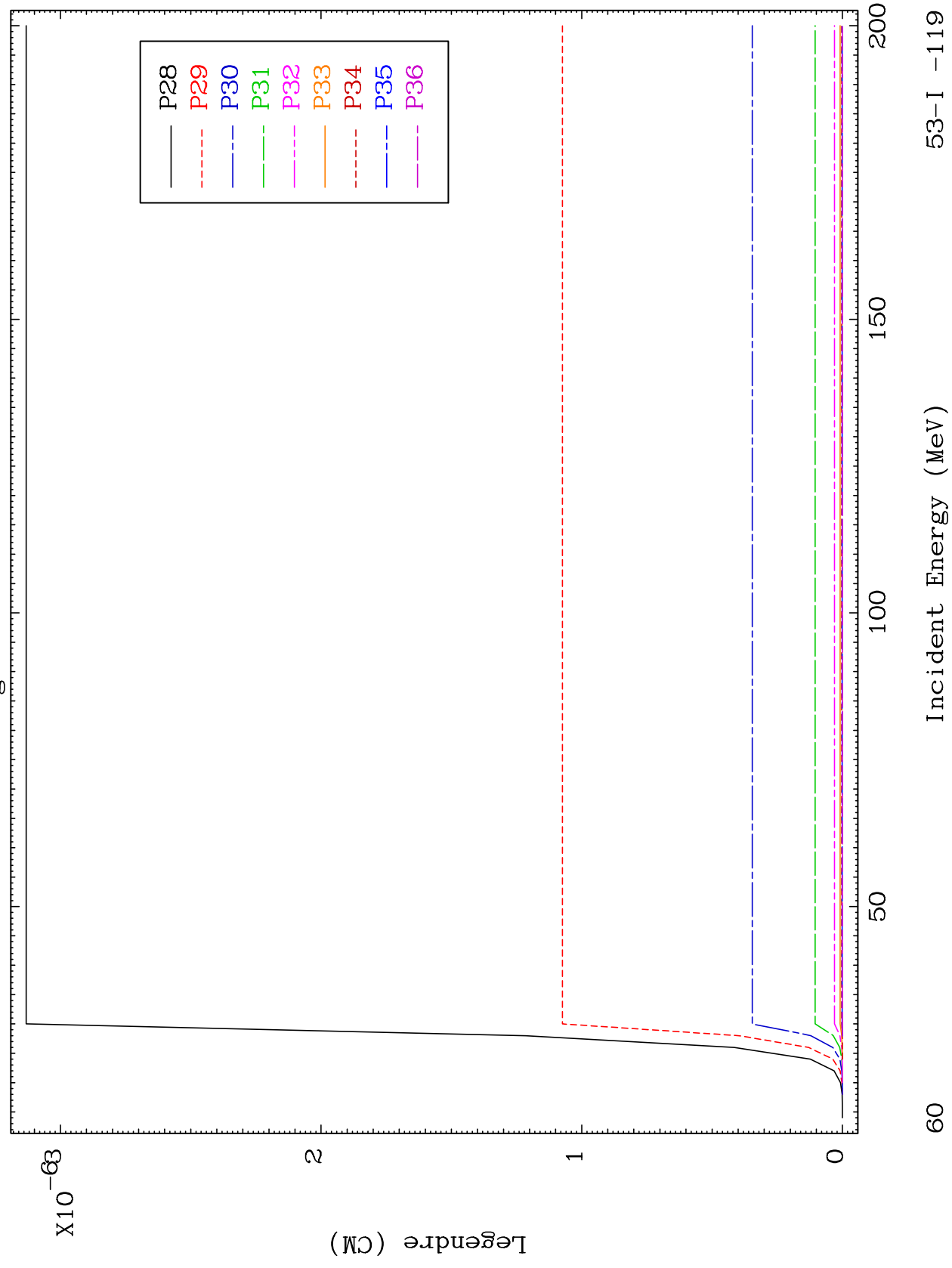


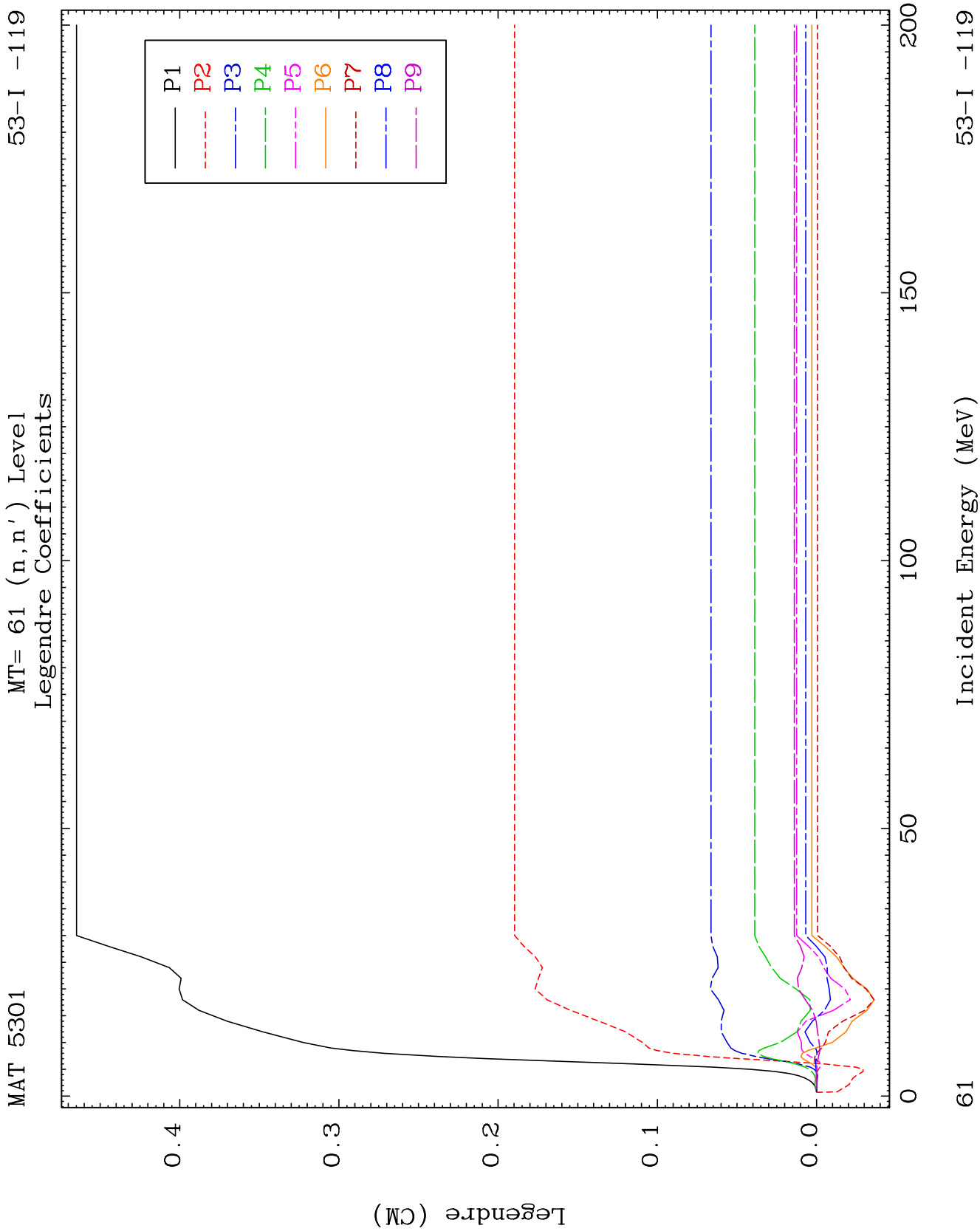


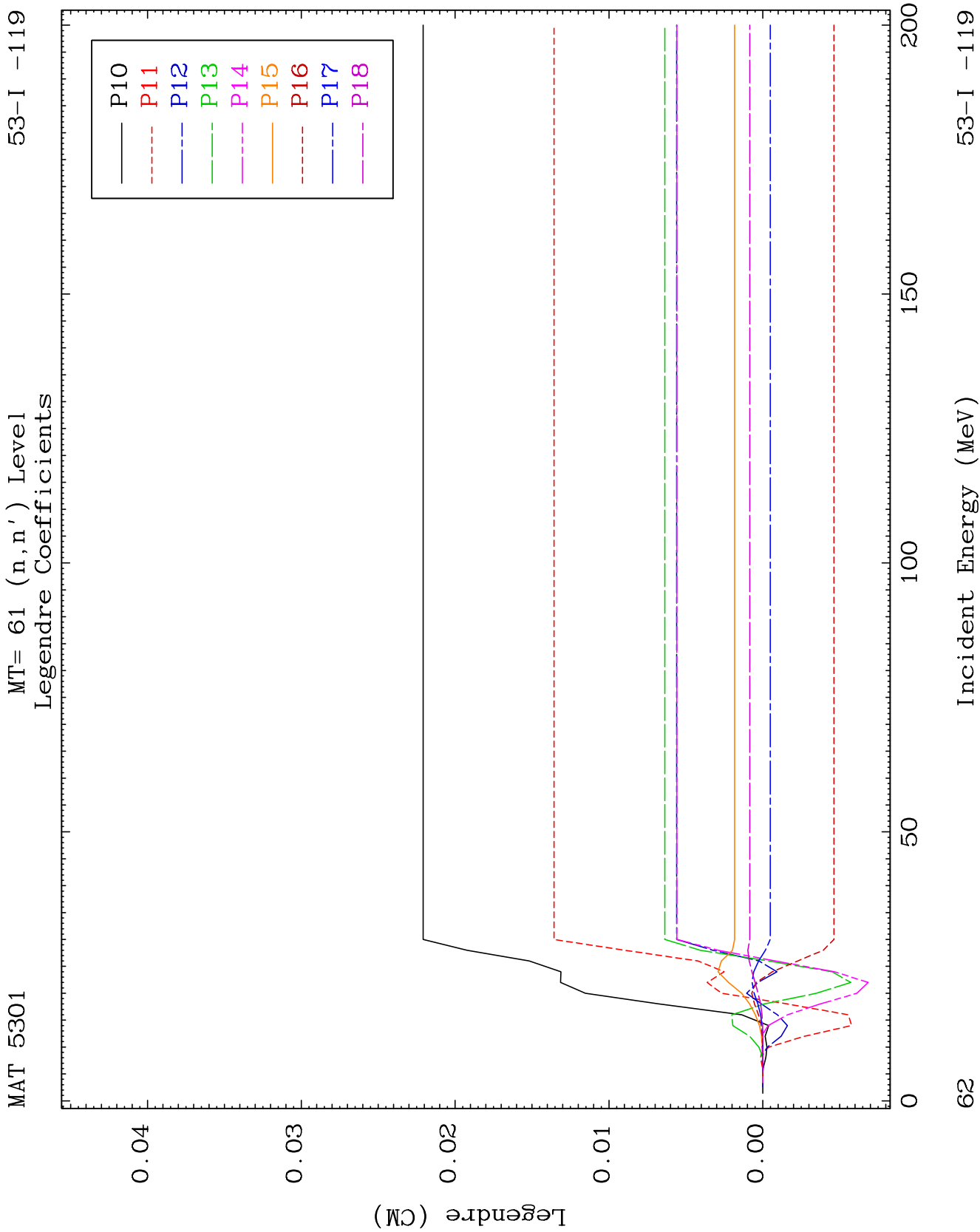
MAT 5301

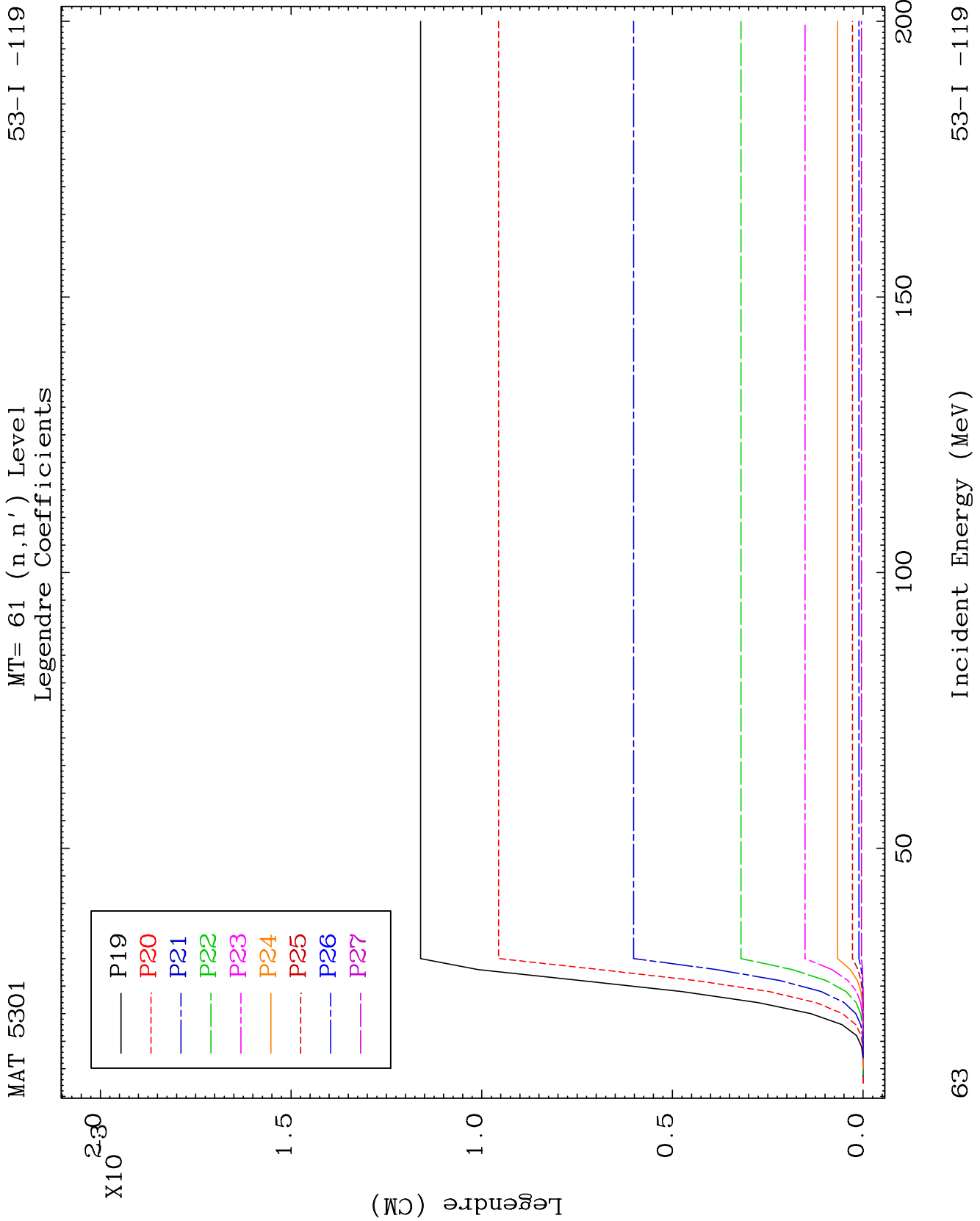
MT= 60 (n, n') Level
Legendre Coefficients

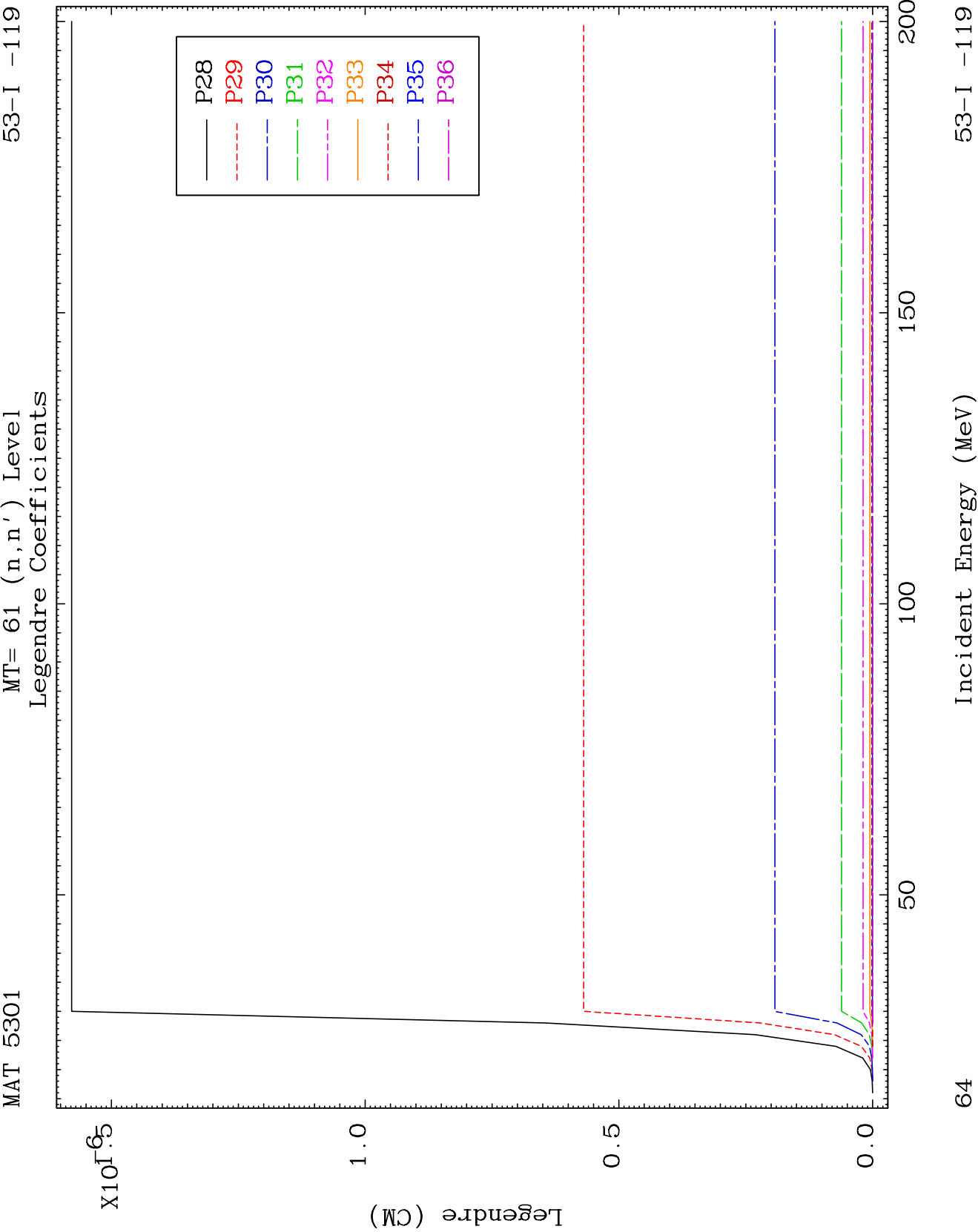
53-I -119

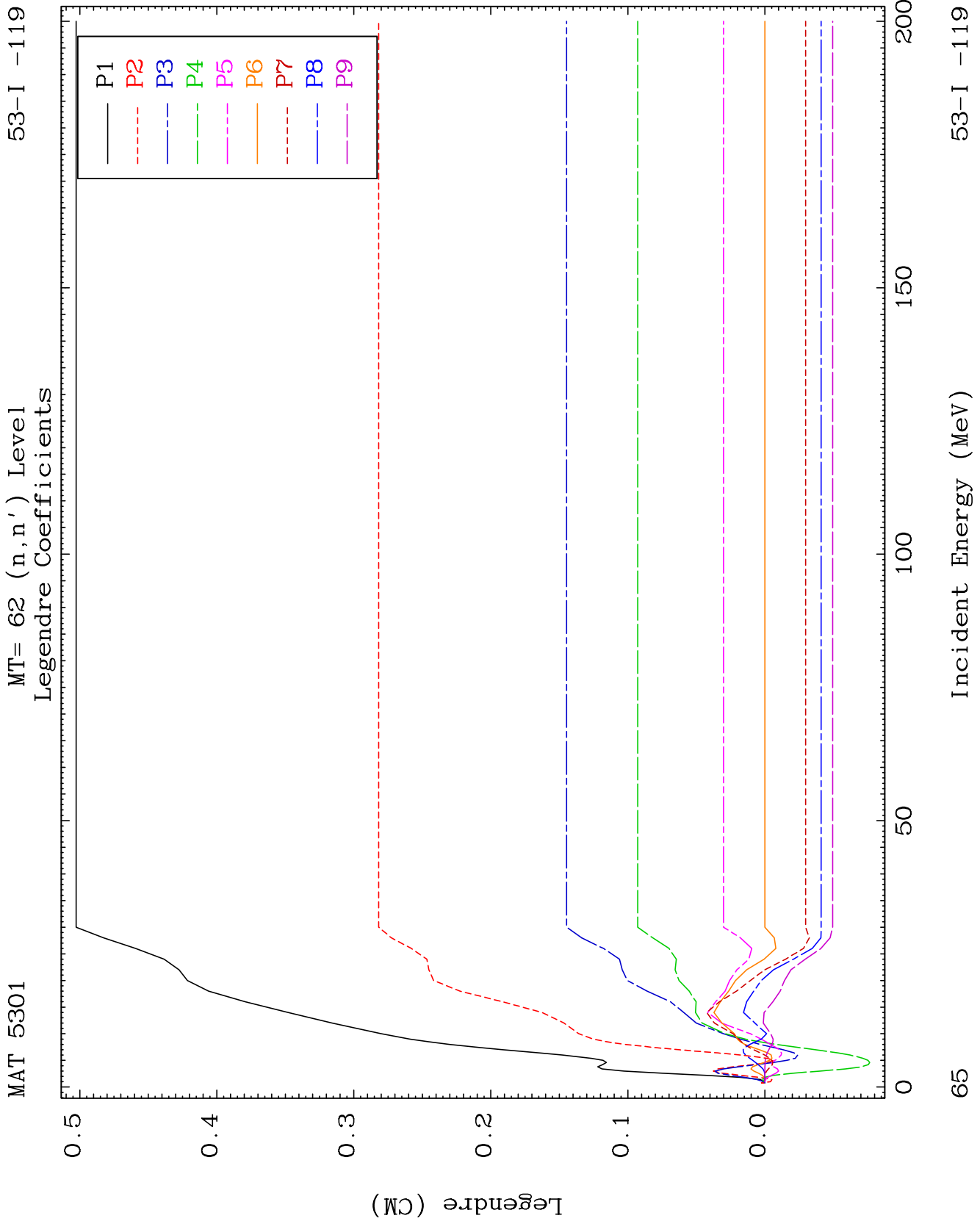


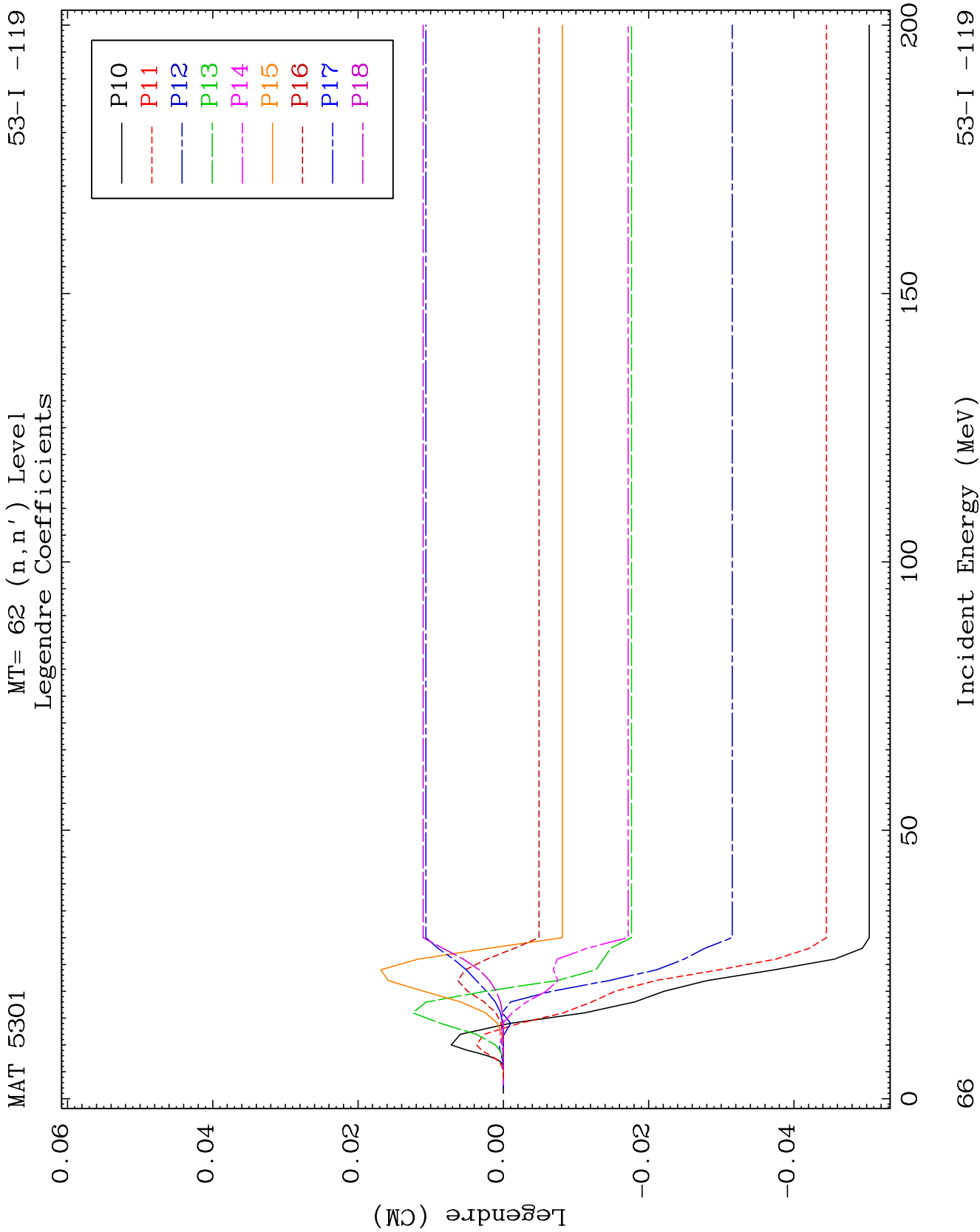


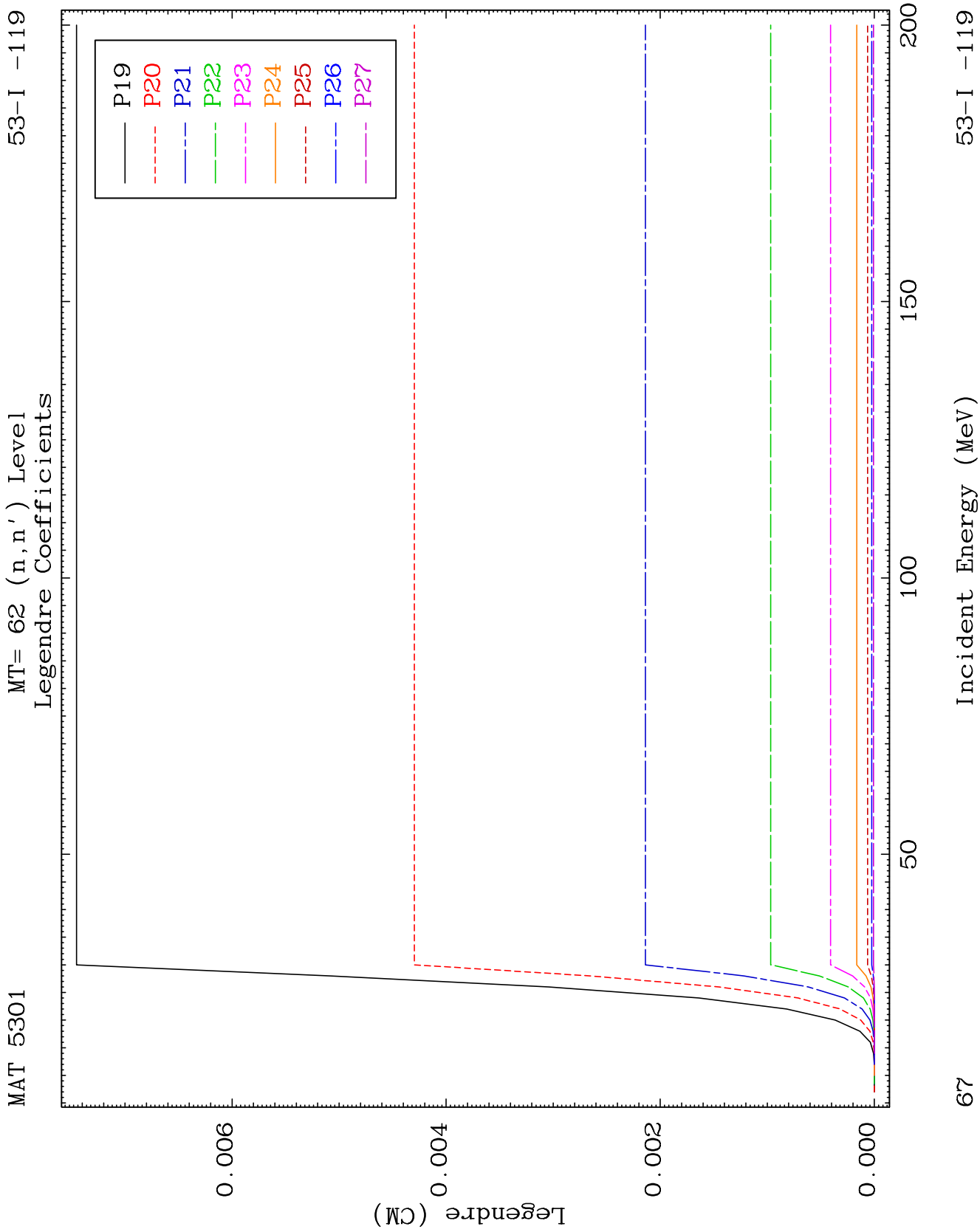


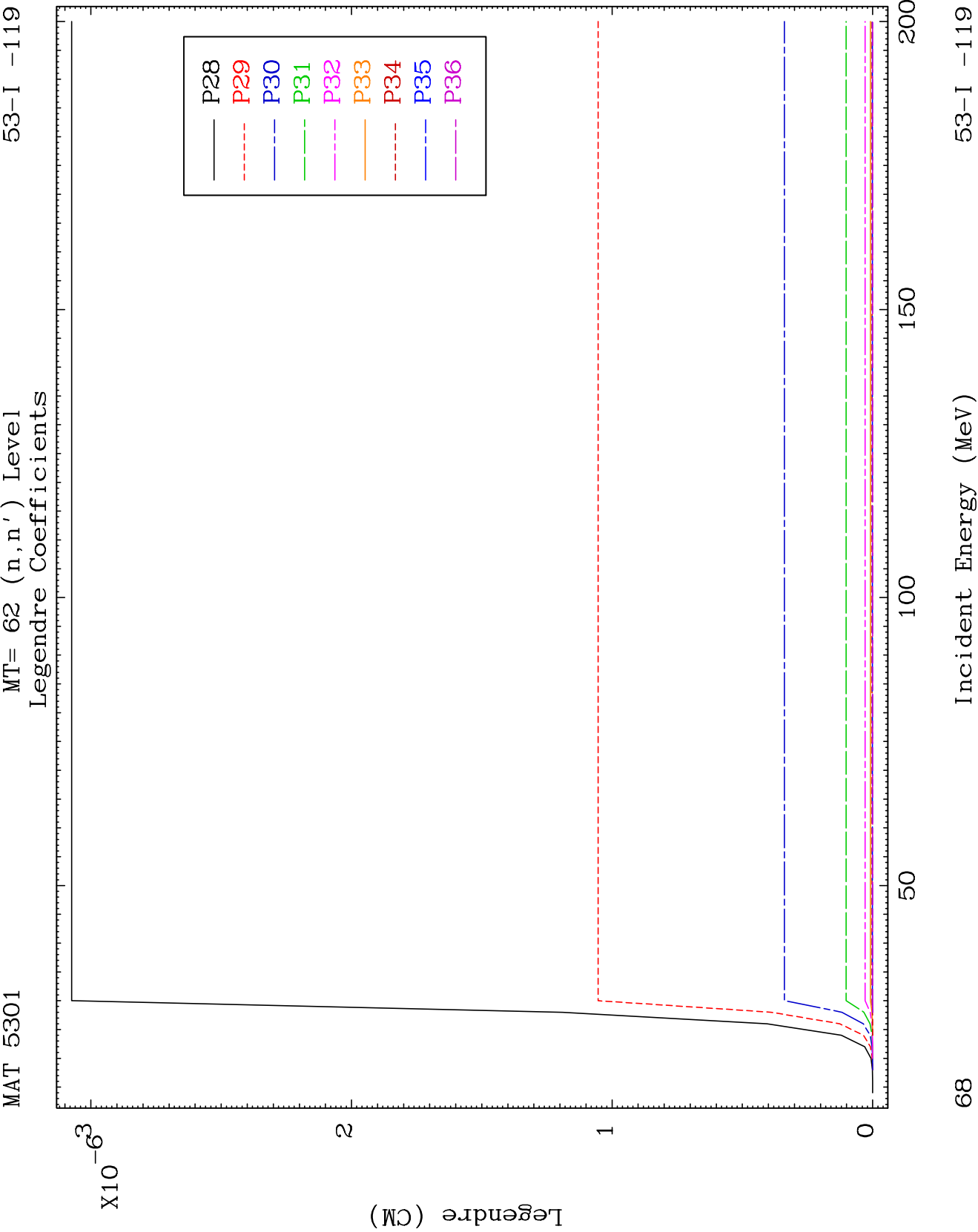


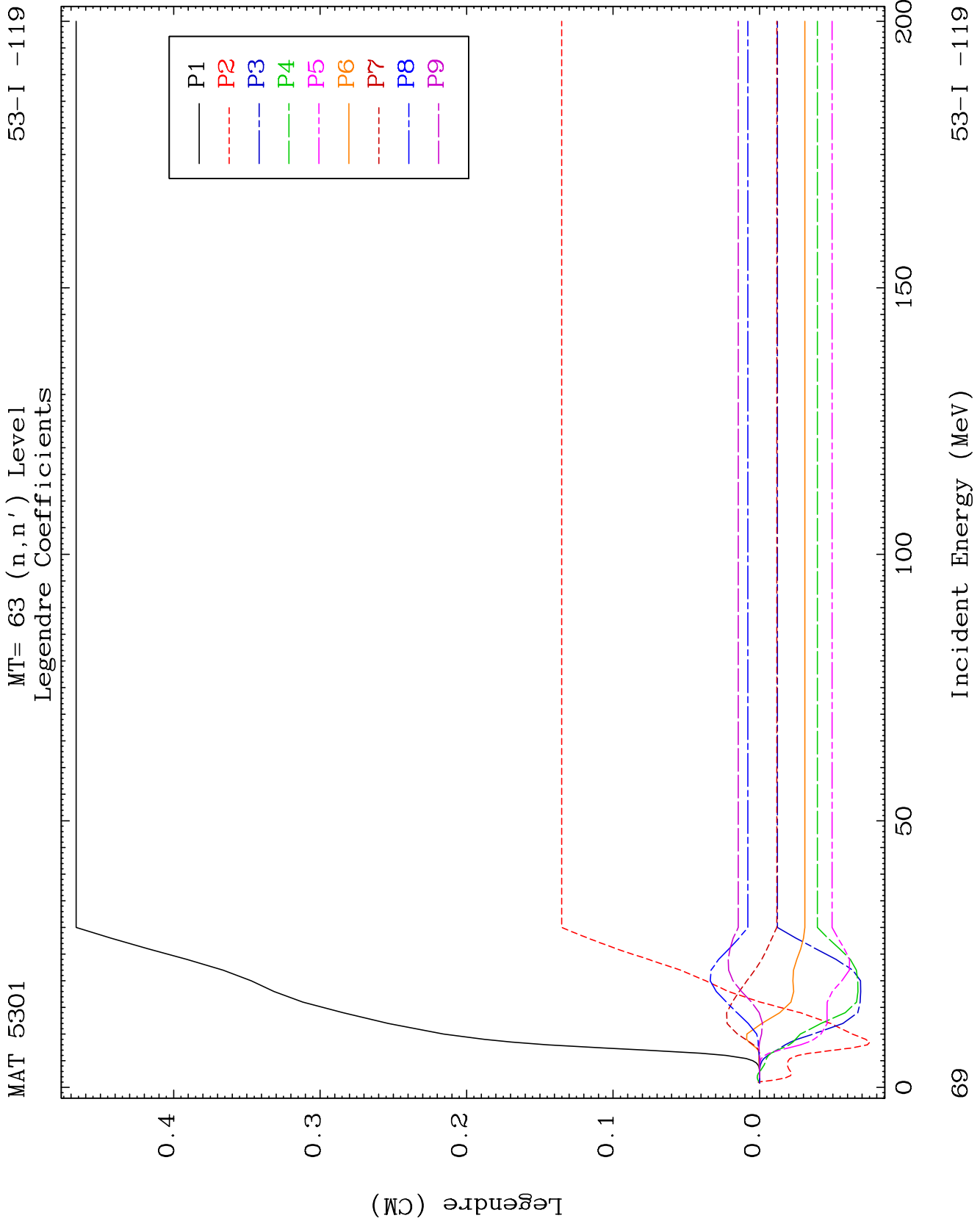


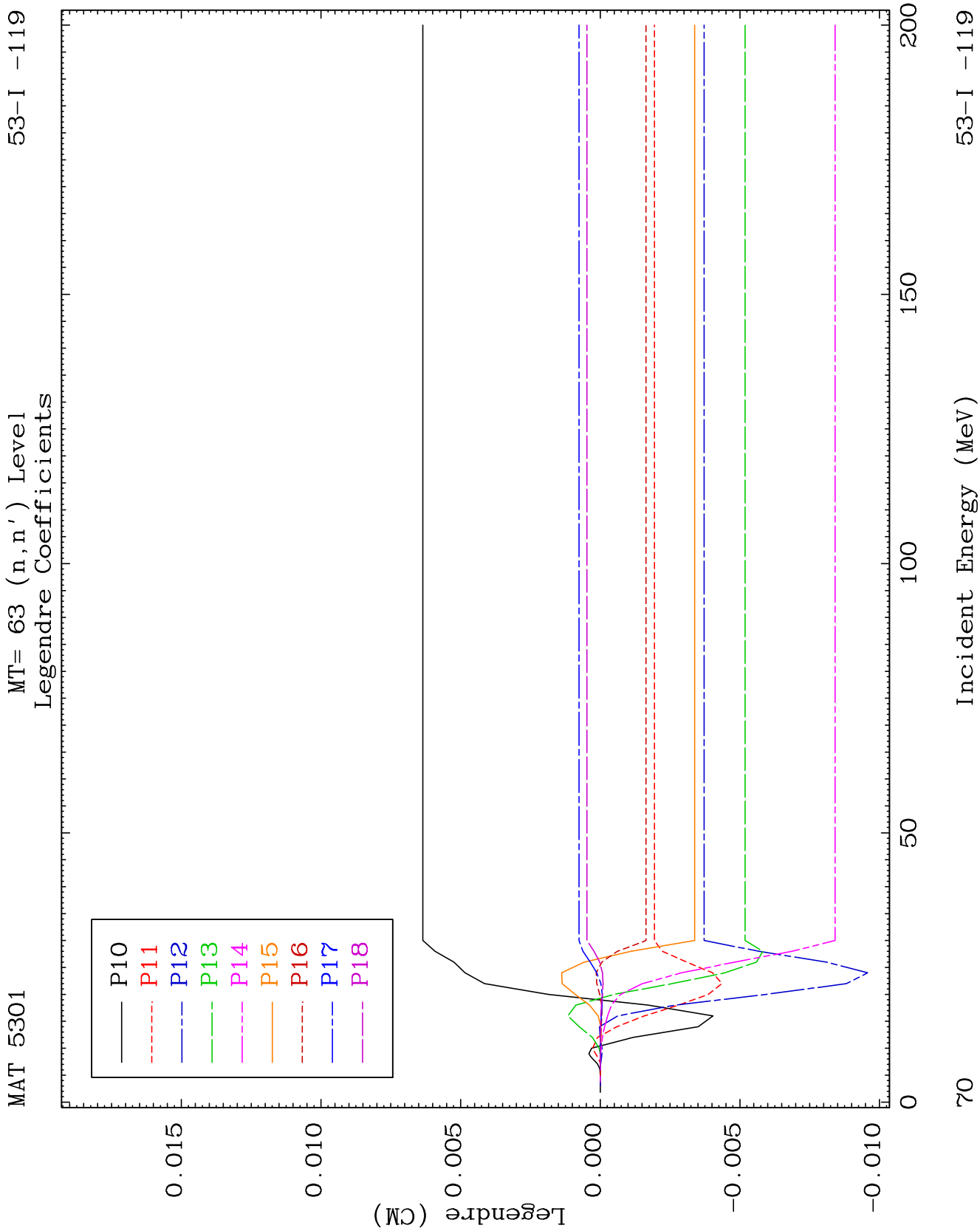


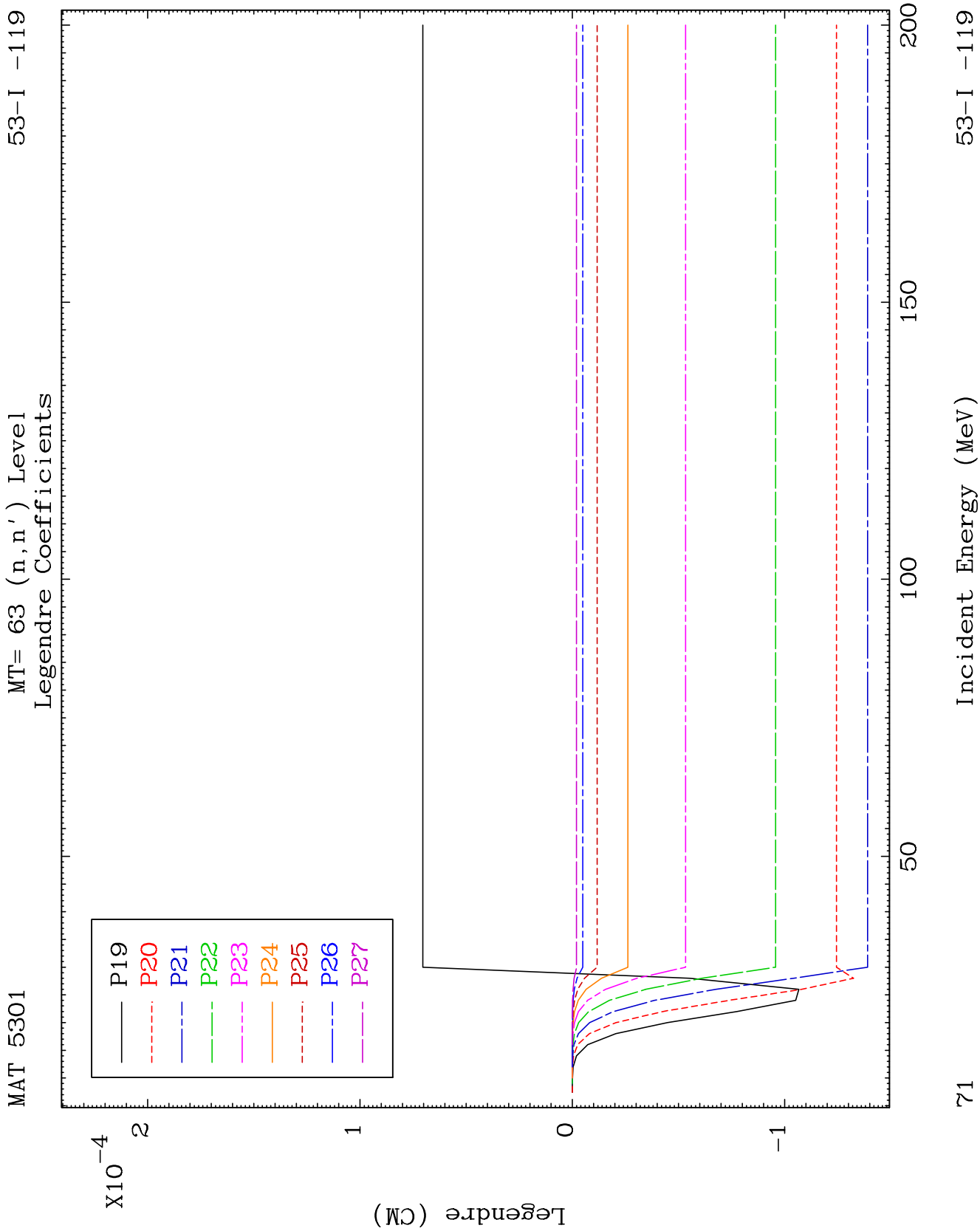


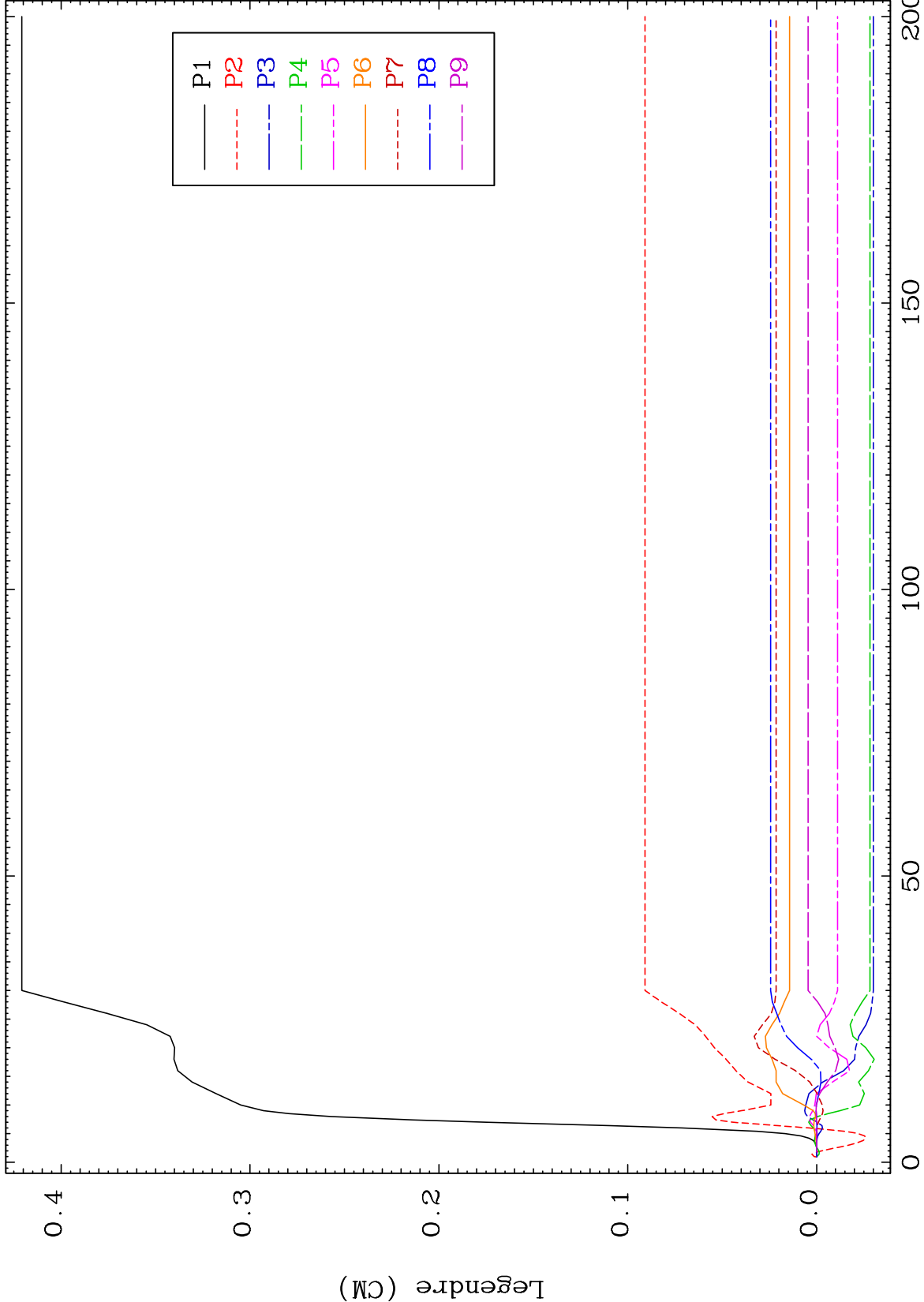


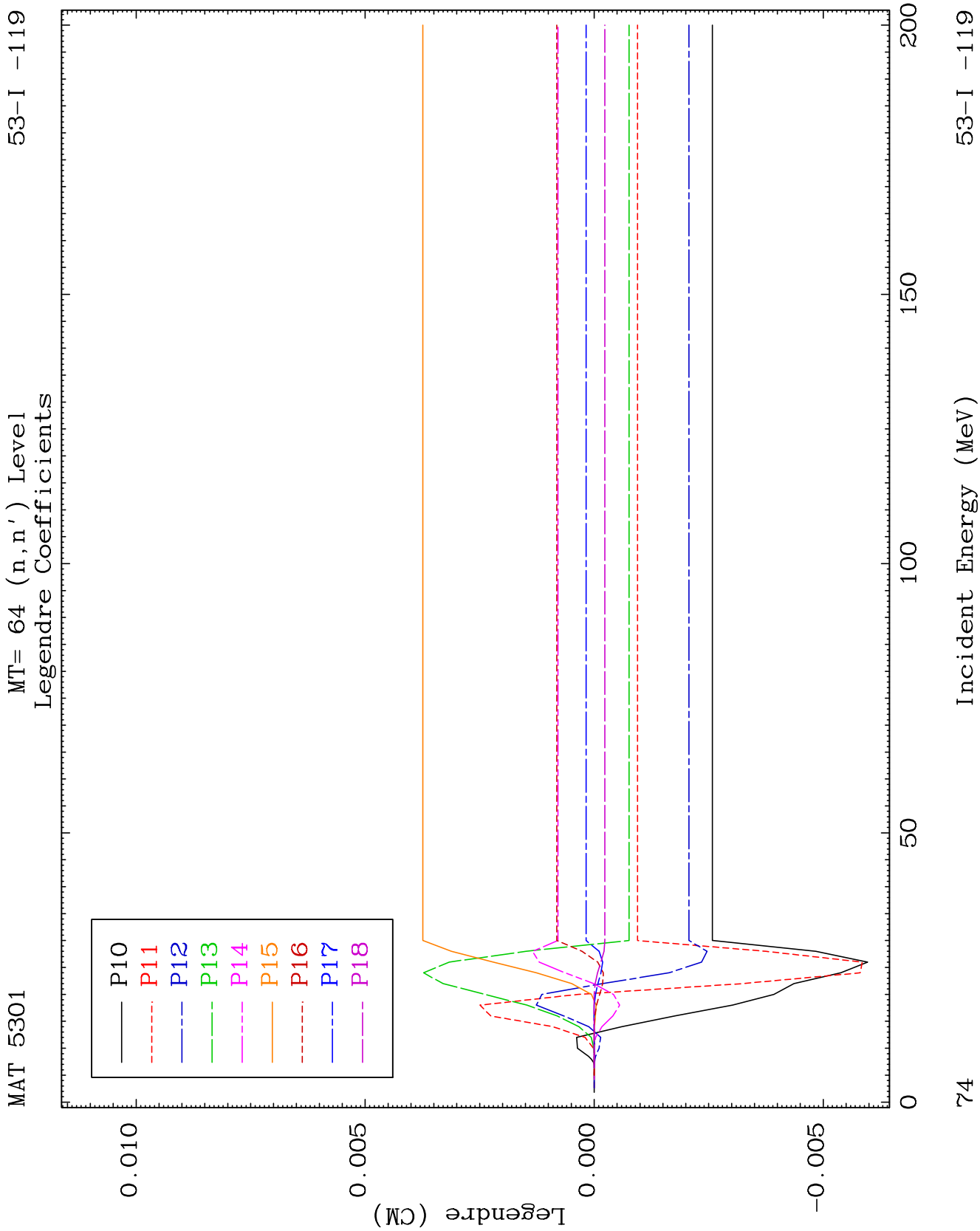


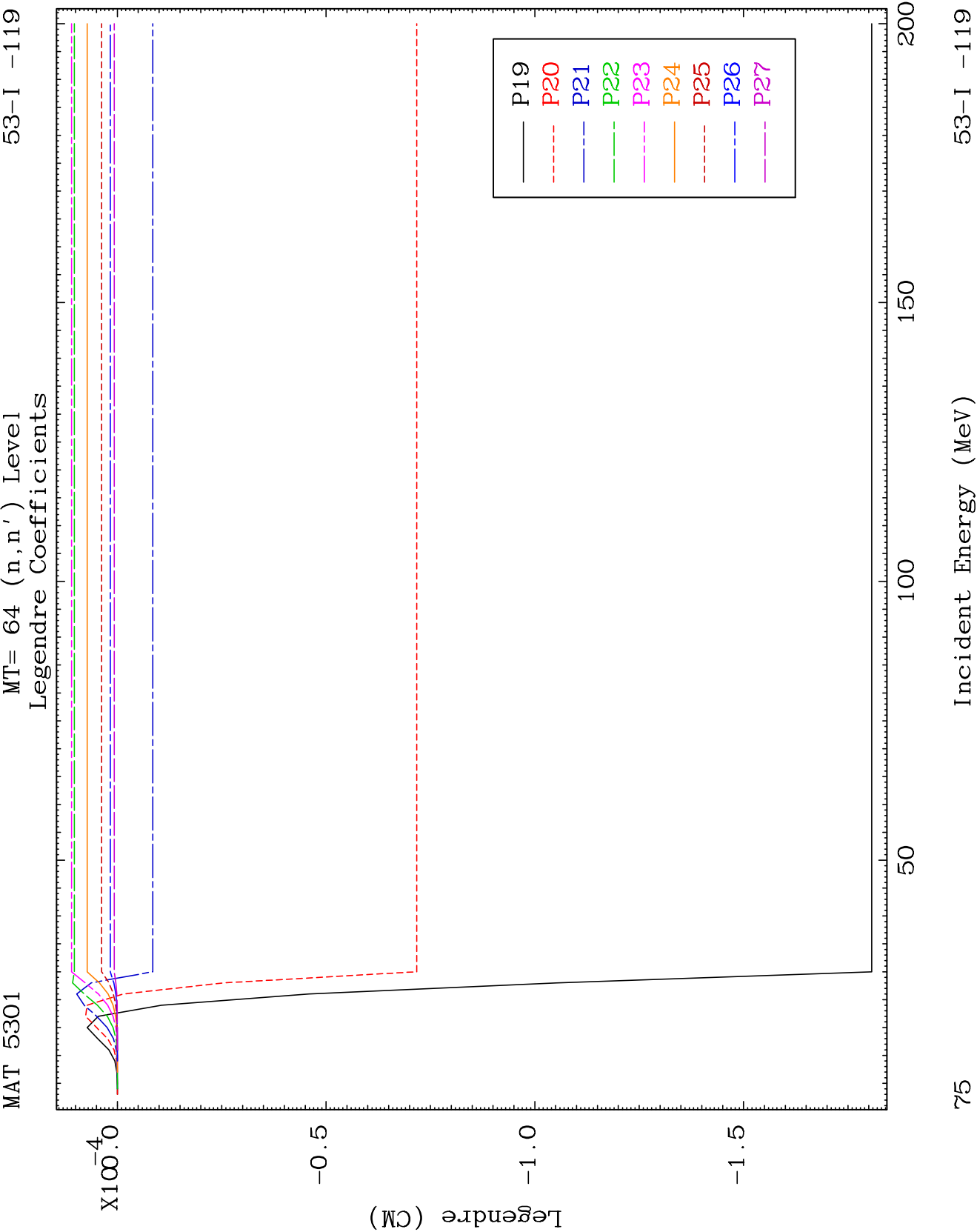


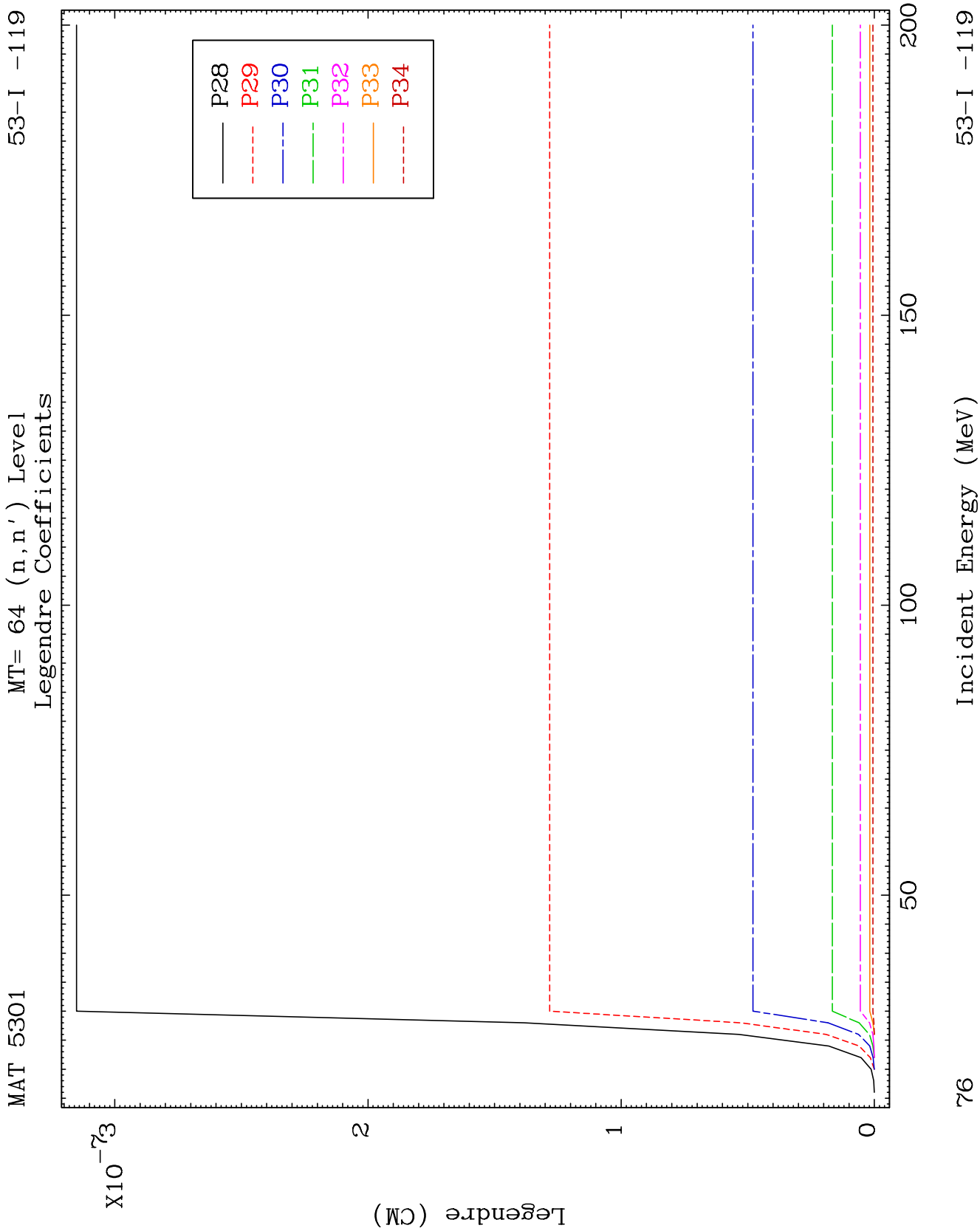


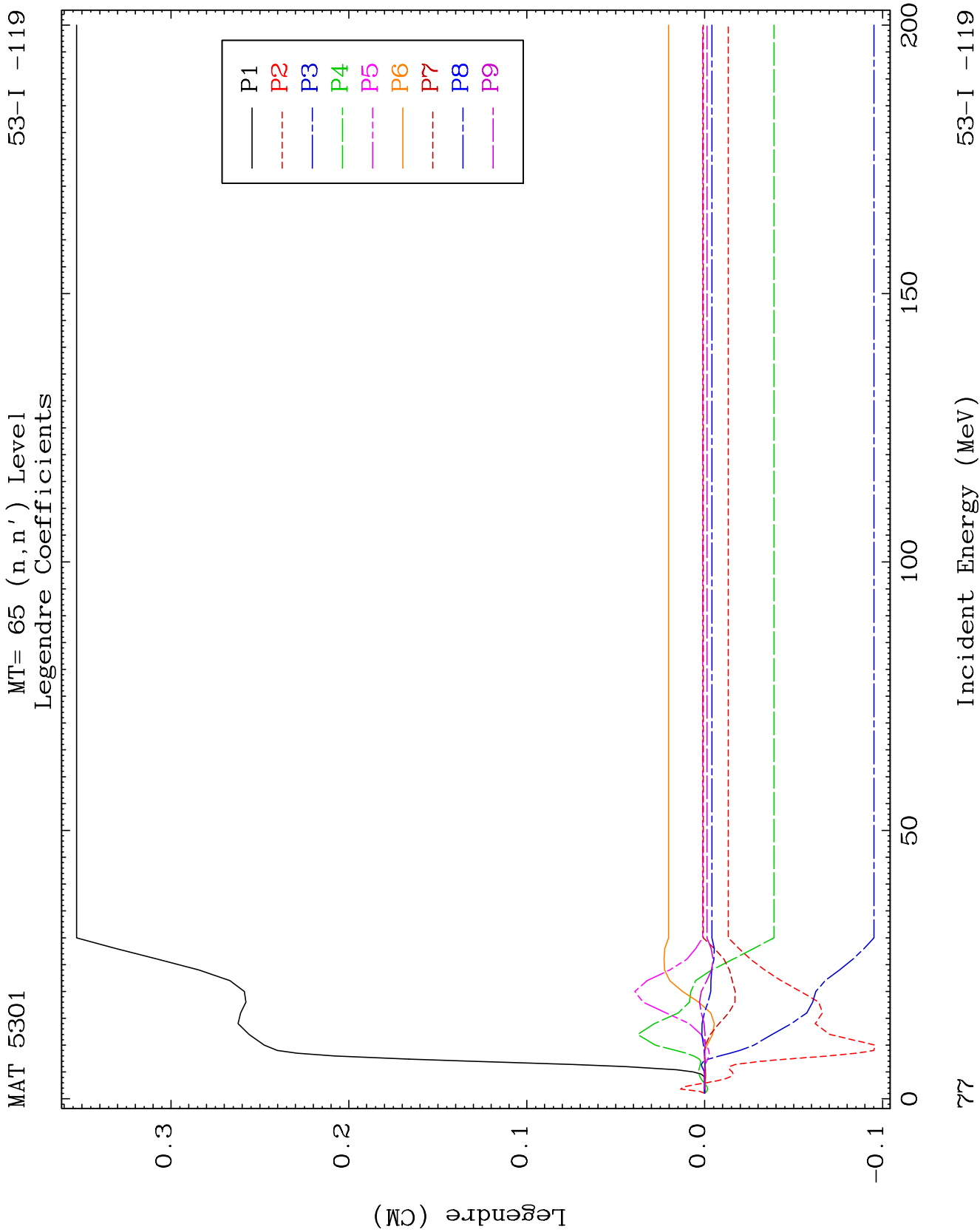








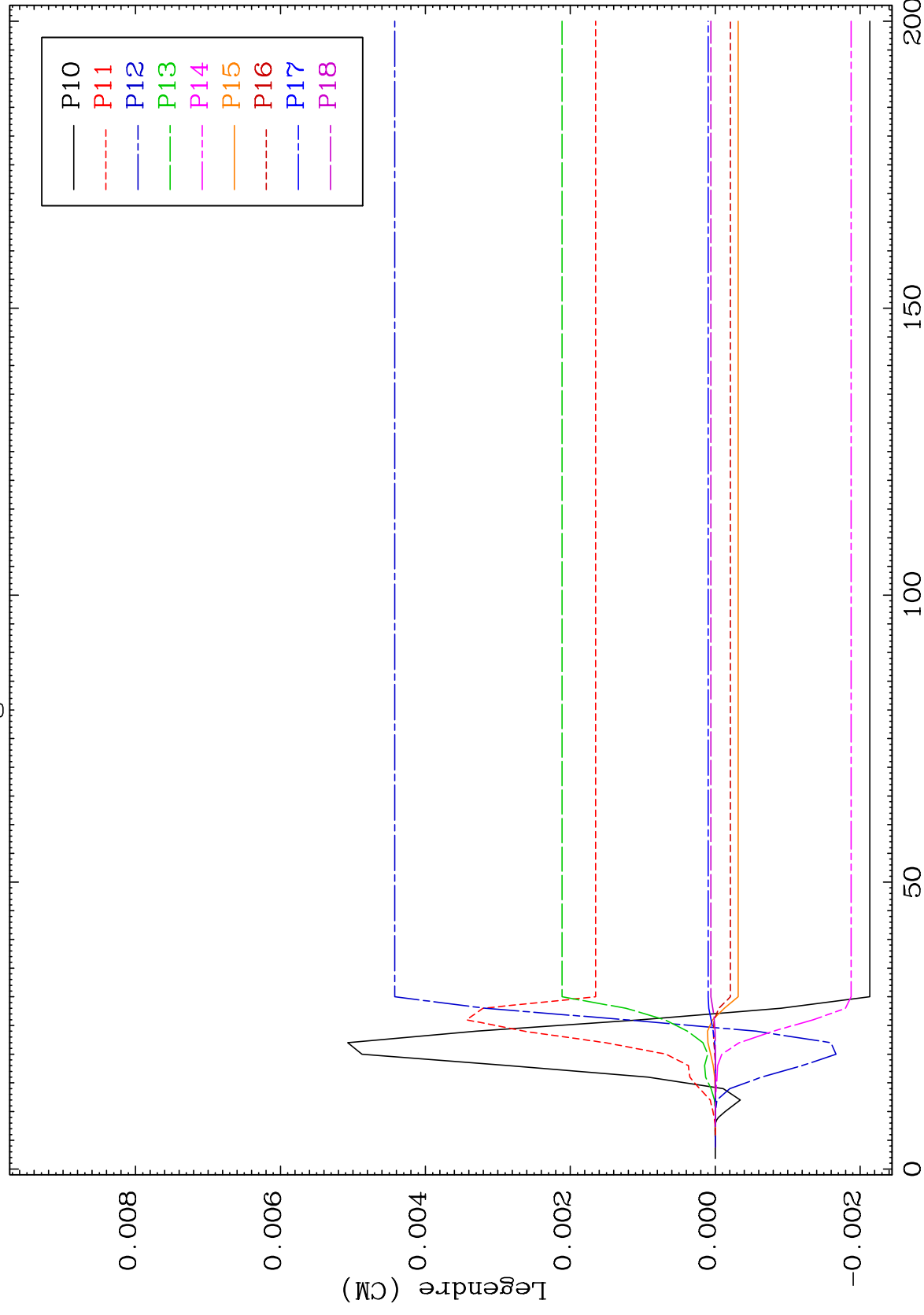




MAT 5301

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

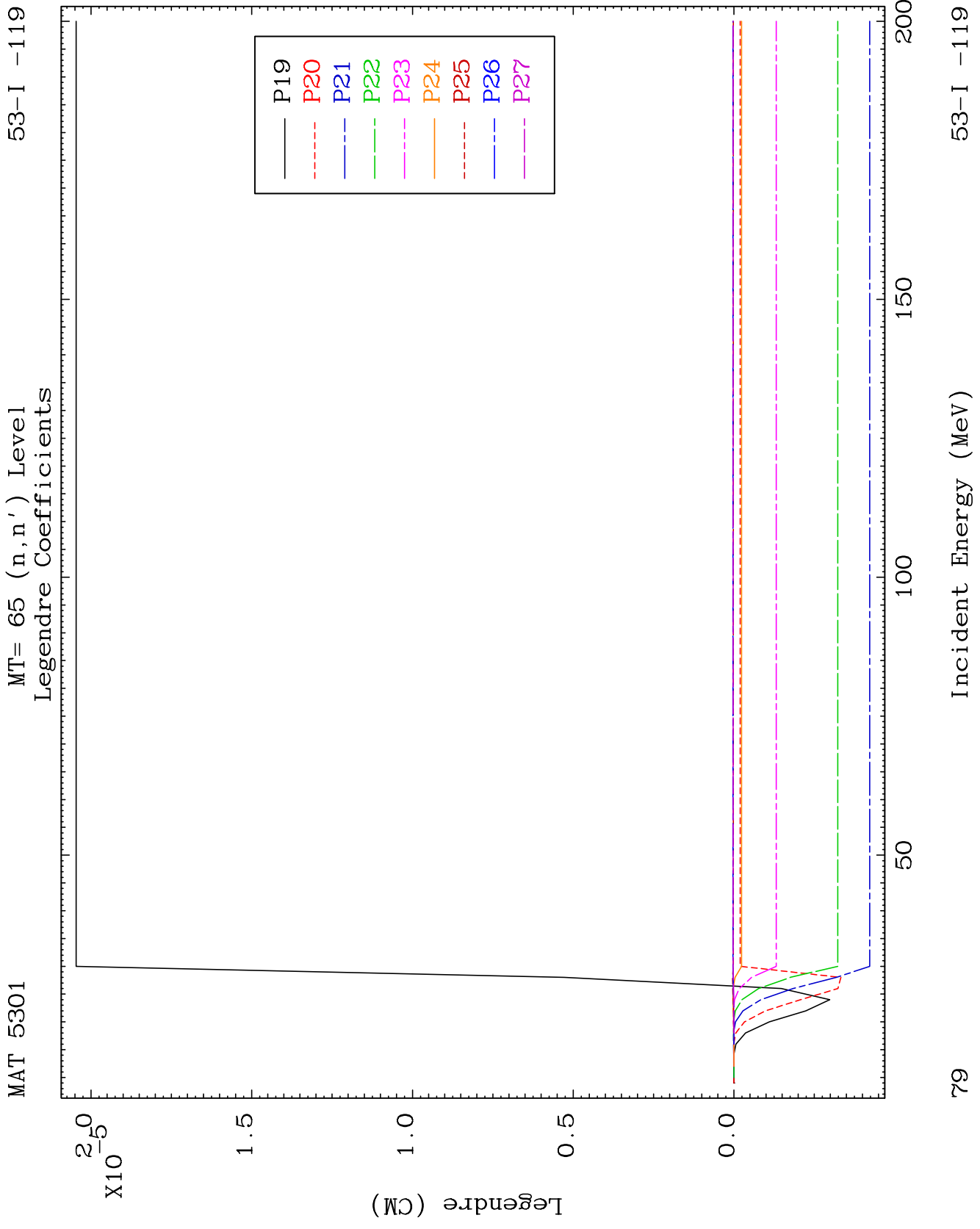
53-I -119



82

Incident Energy (MeV)

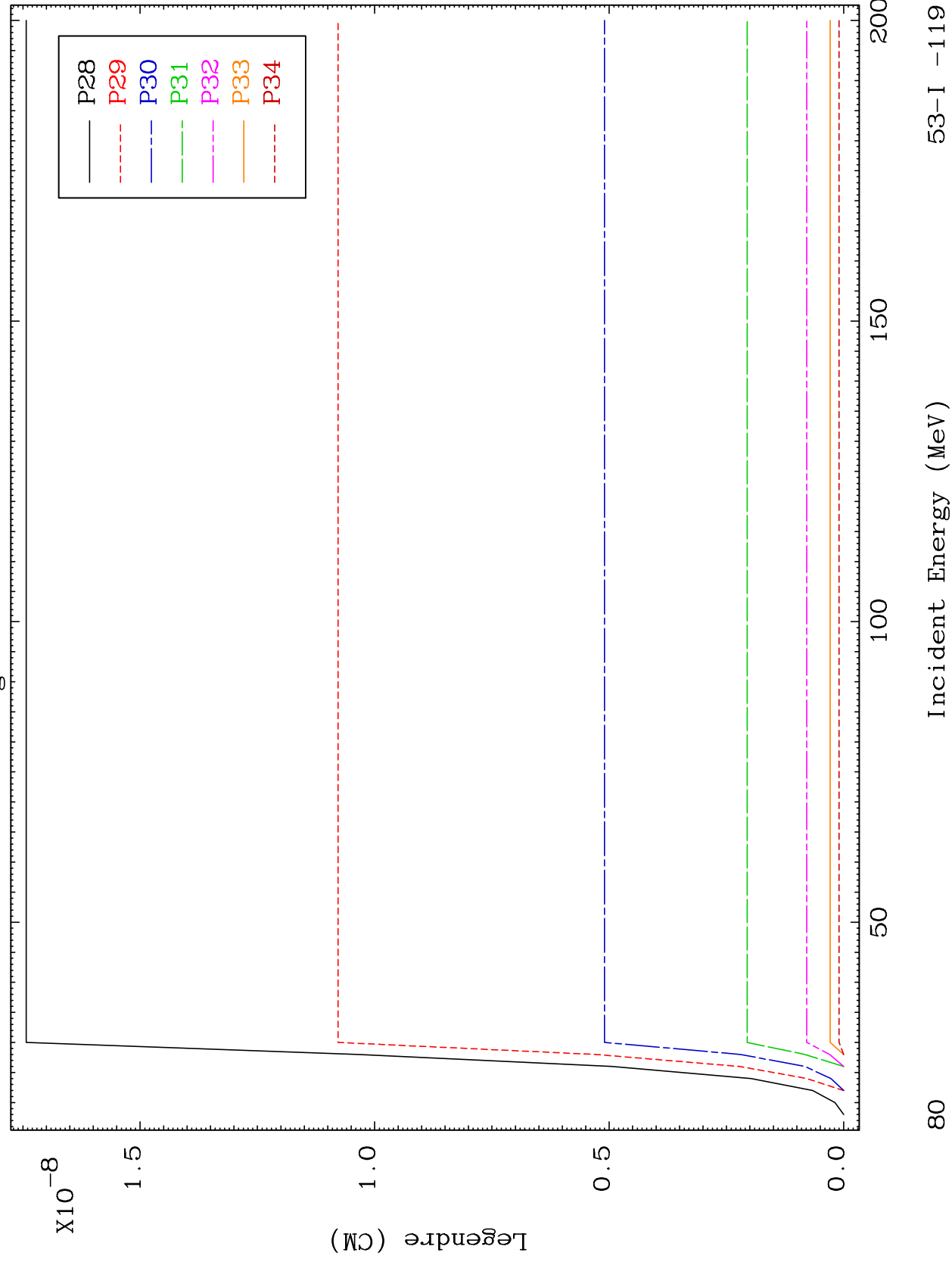
53-I -119

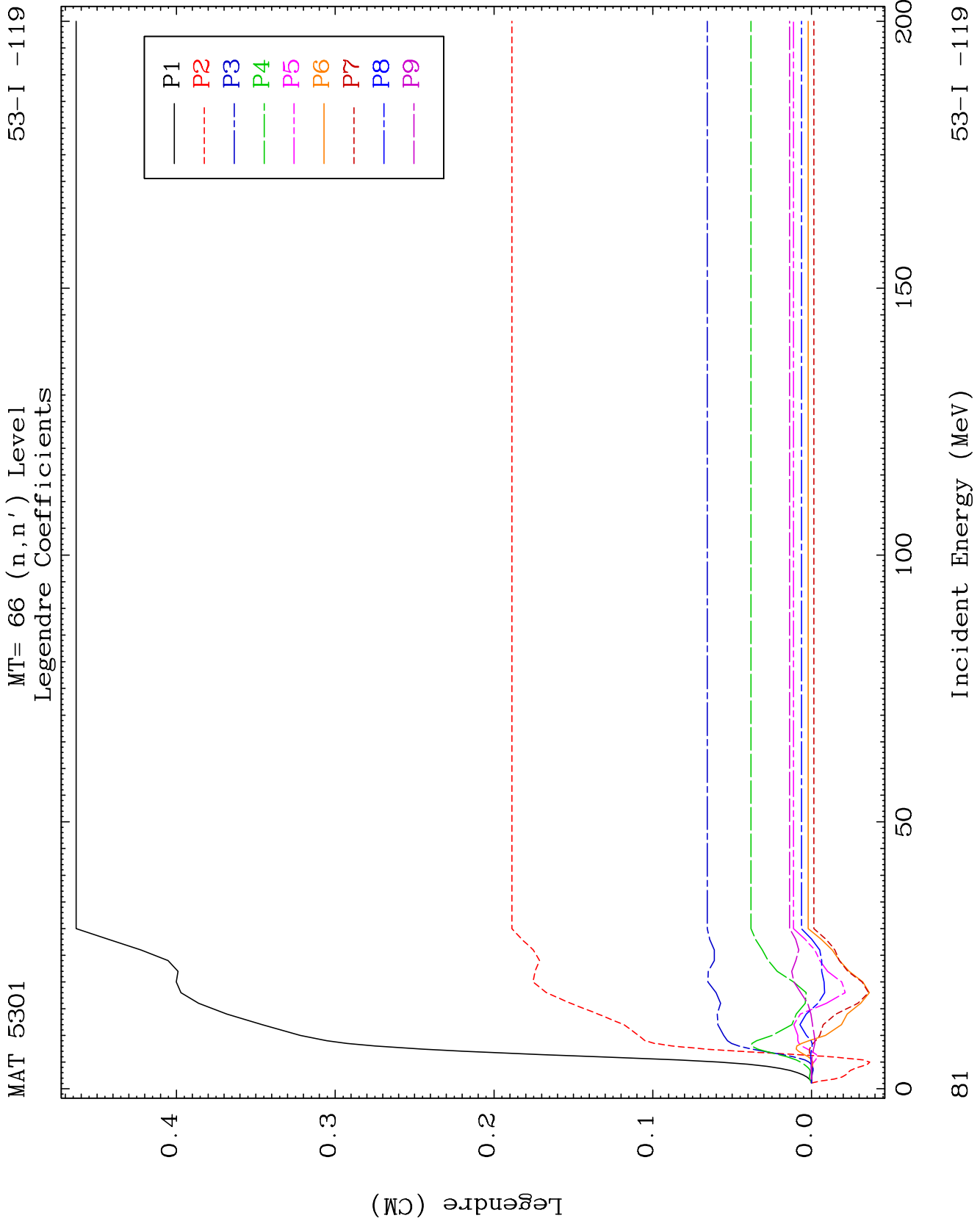


MAT 5301

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

53-I -119

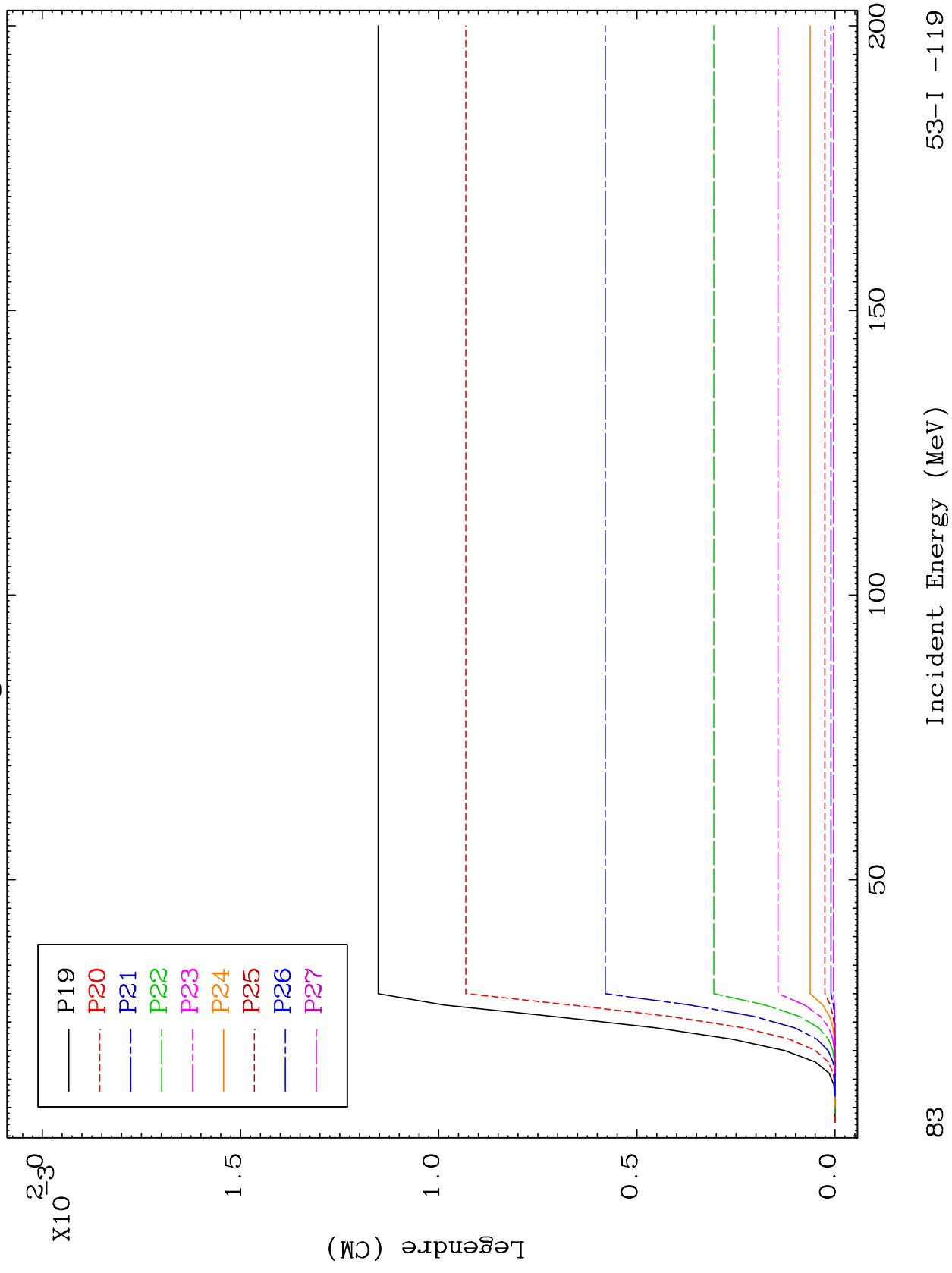


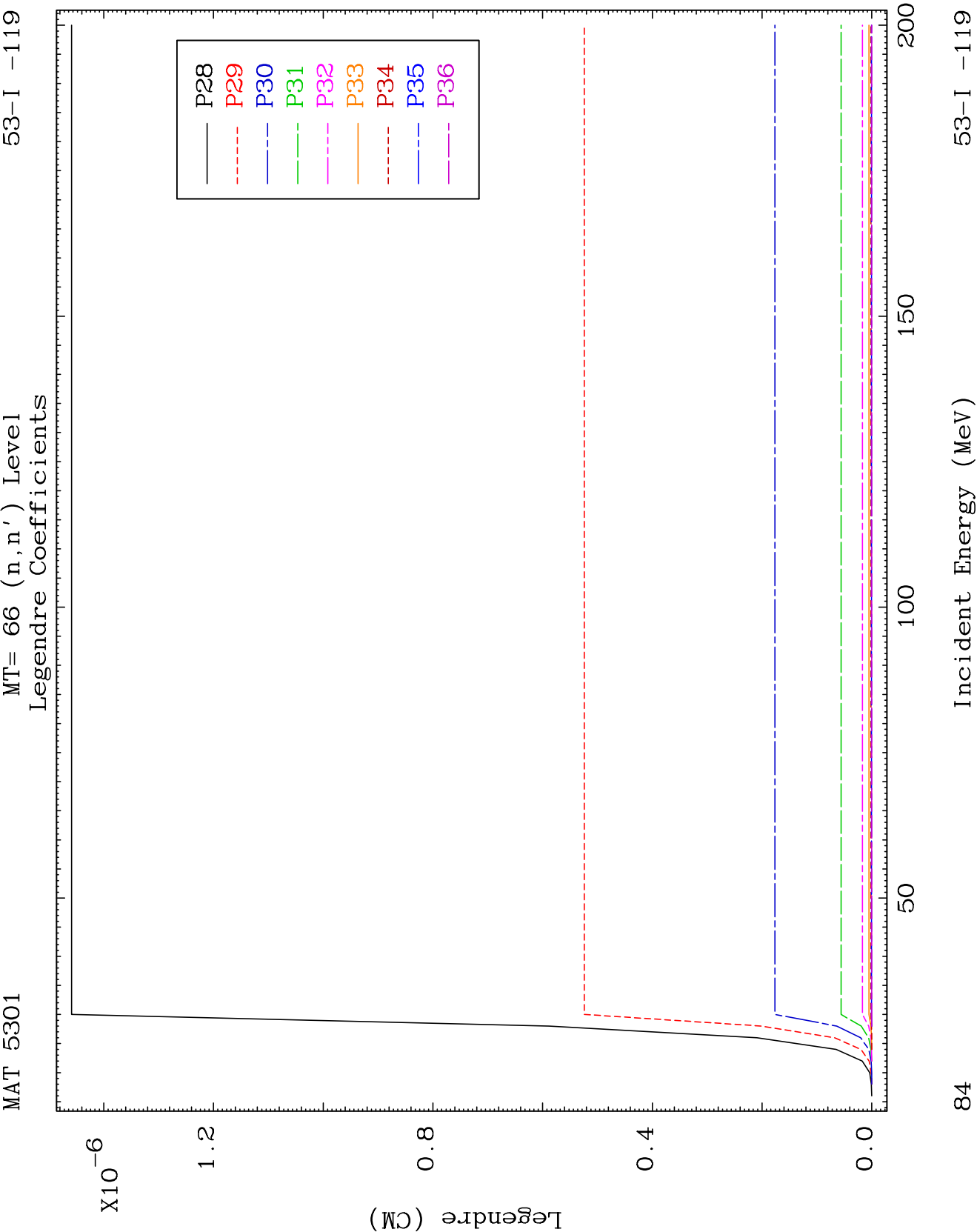


MAT 5301

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

53-I -119

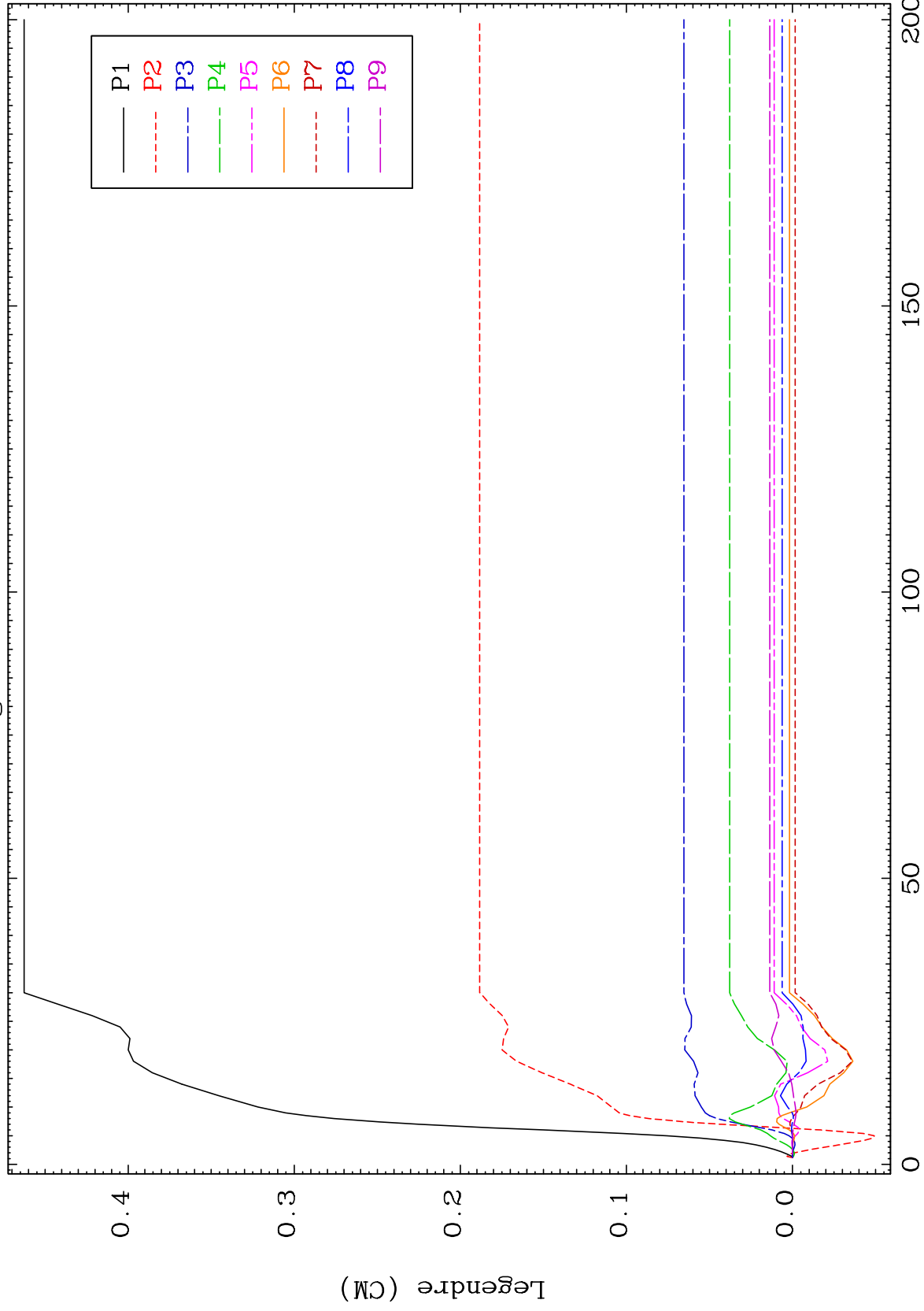




MAT 5301

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

53-I -119



53-I -119

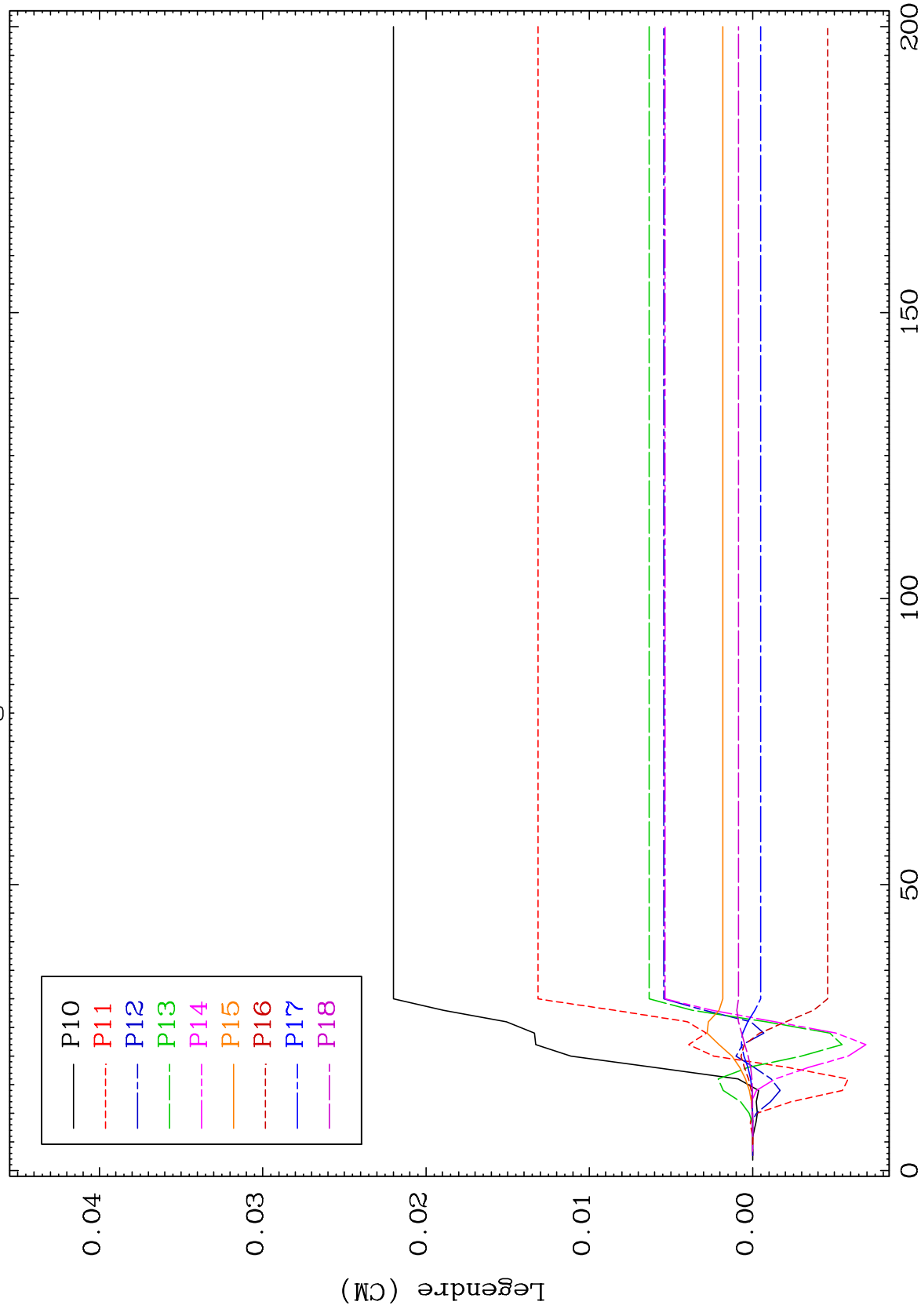
Incident Energy (MeV)

85

MAT 5301

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

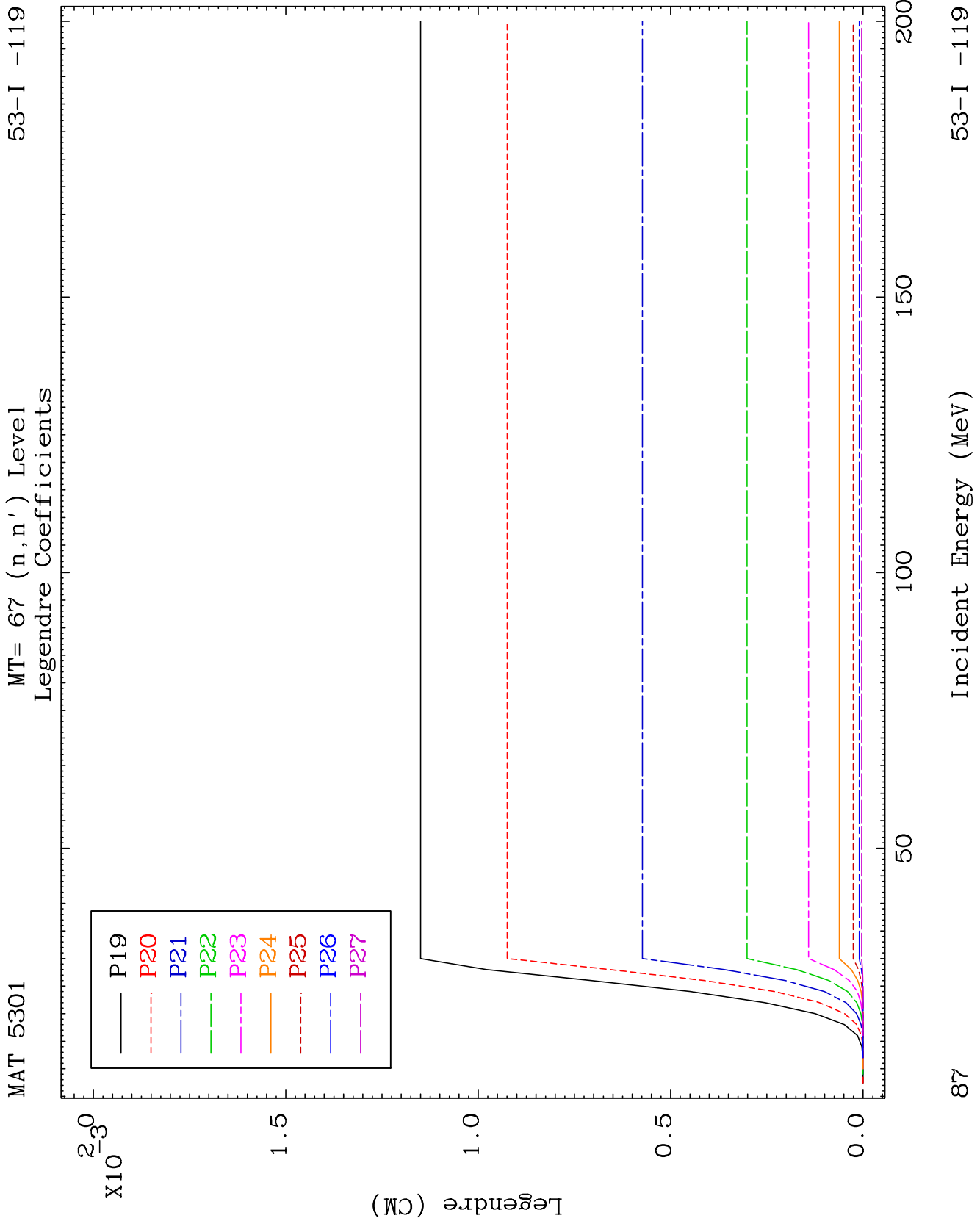
53-I -119

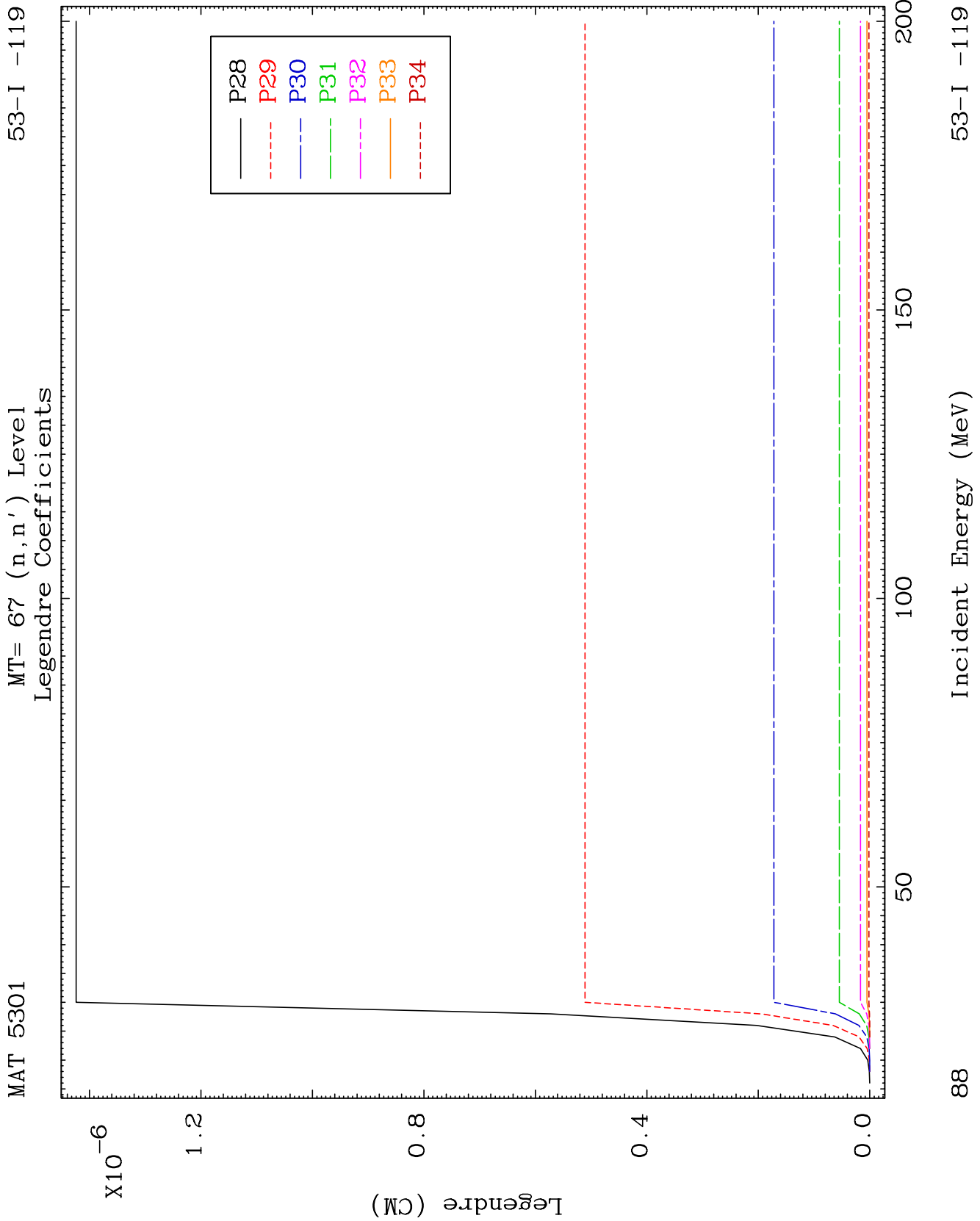


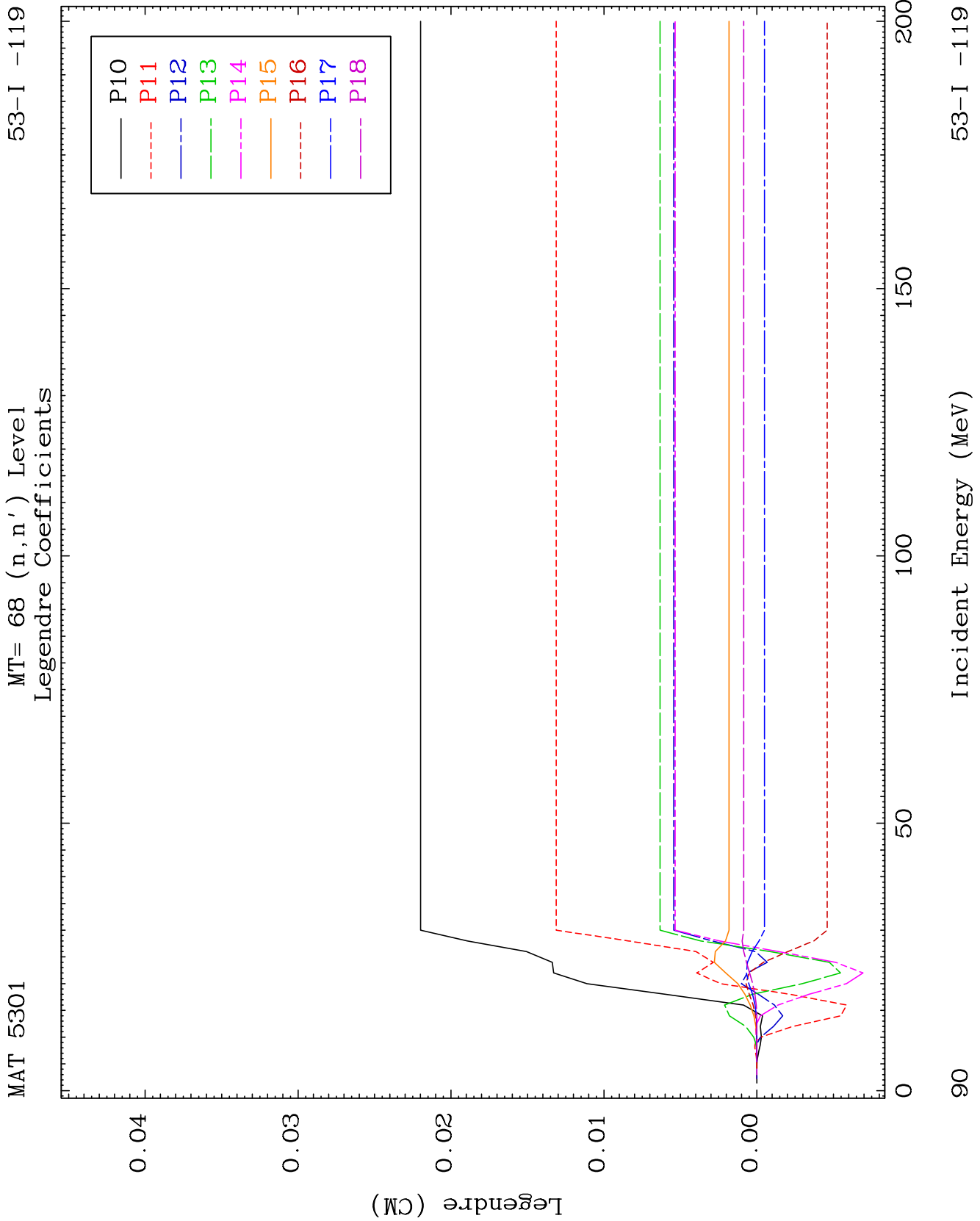
88

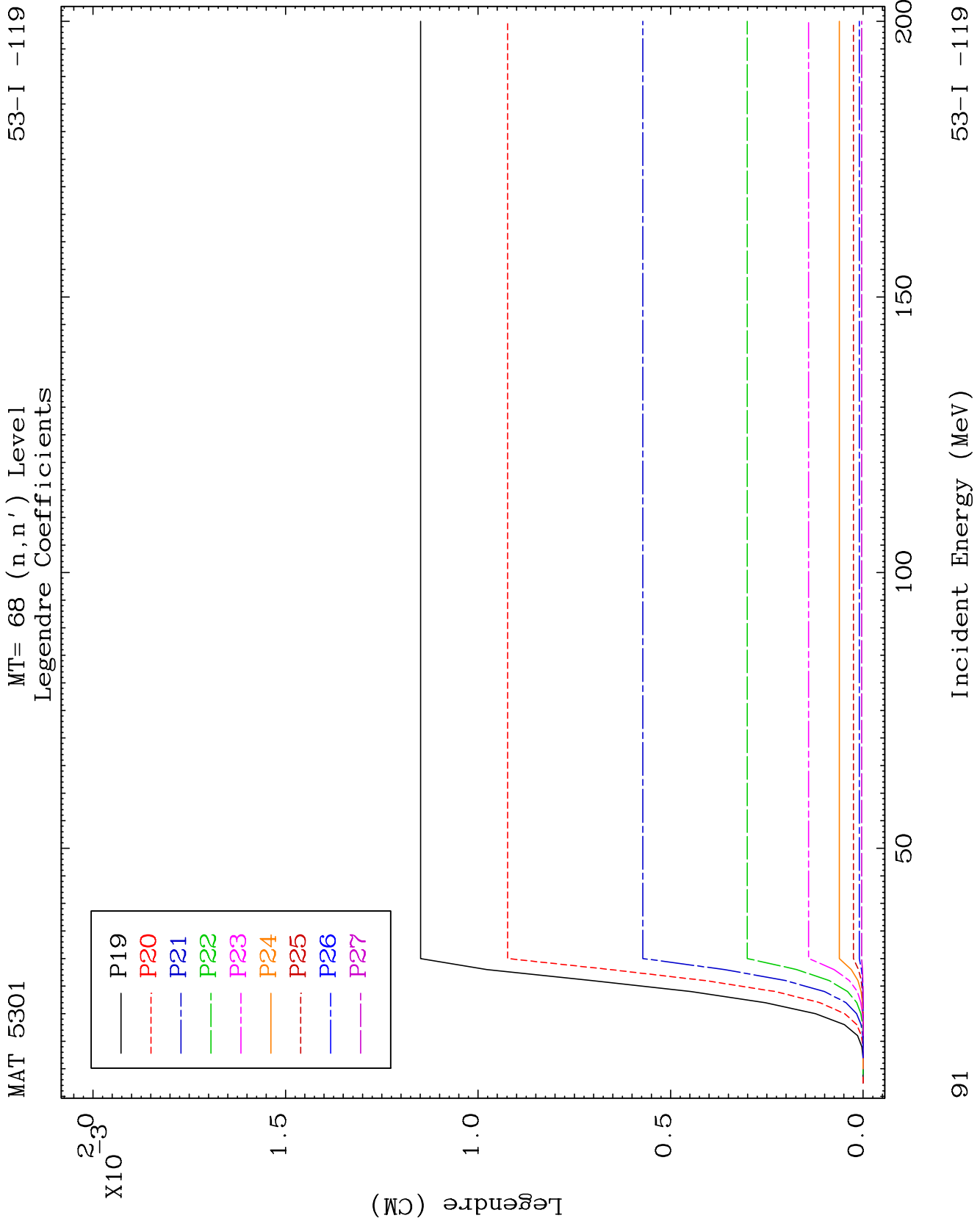
Incident Energy (MeV)

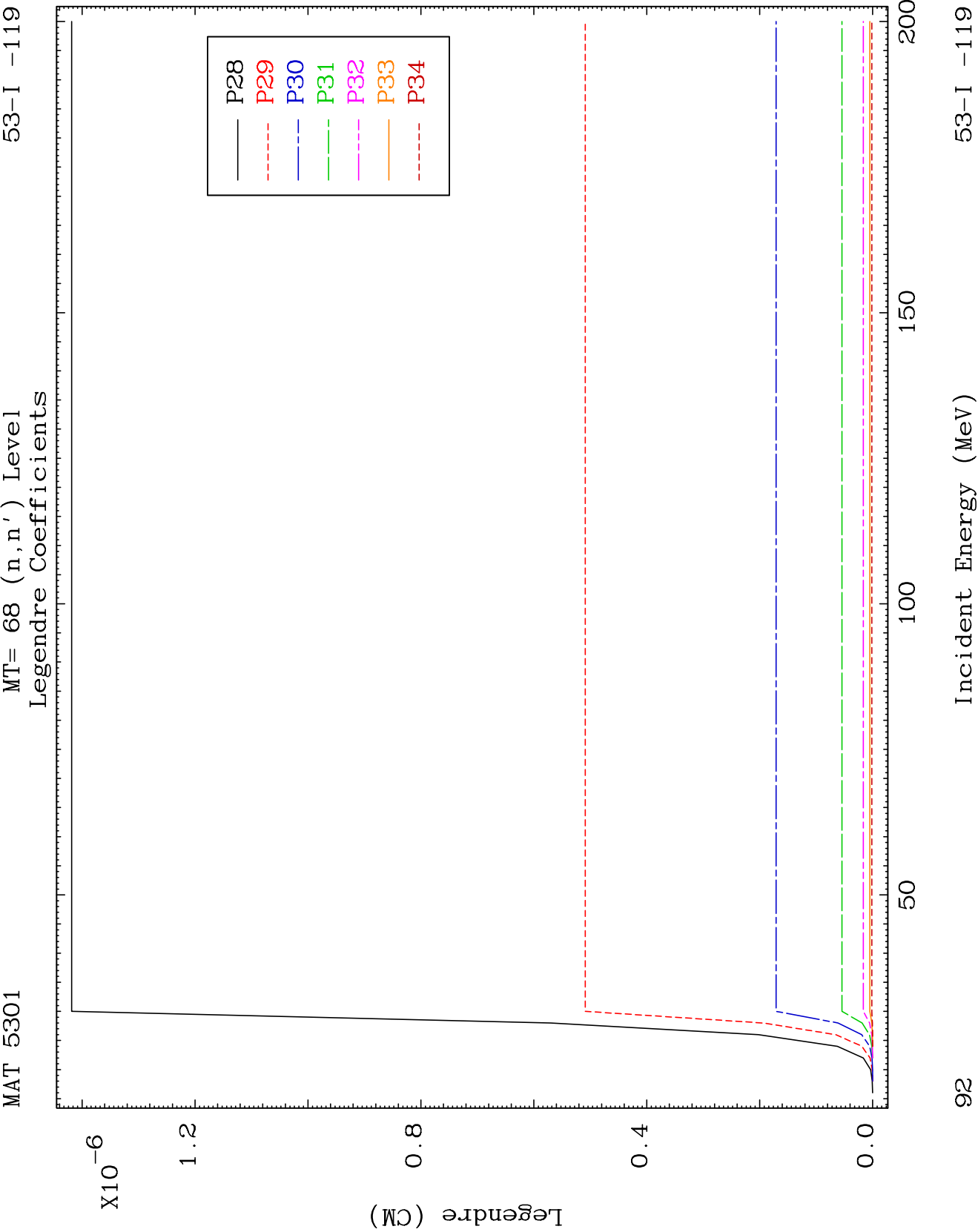
53-I -119

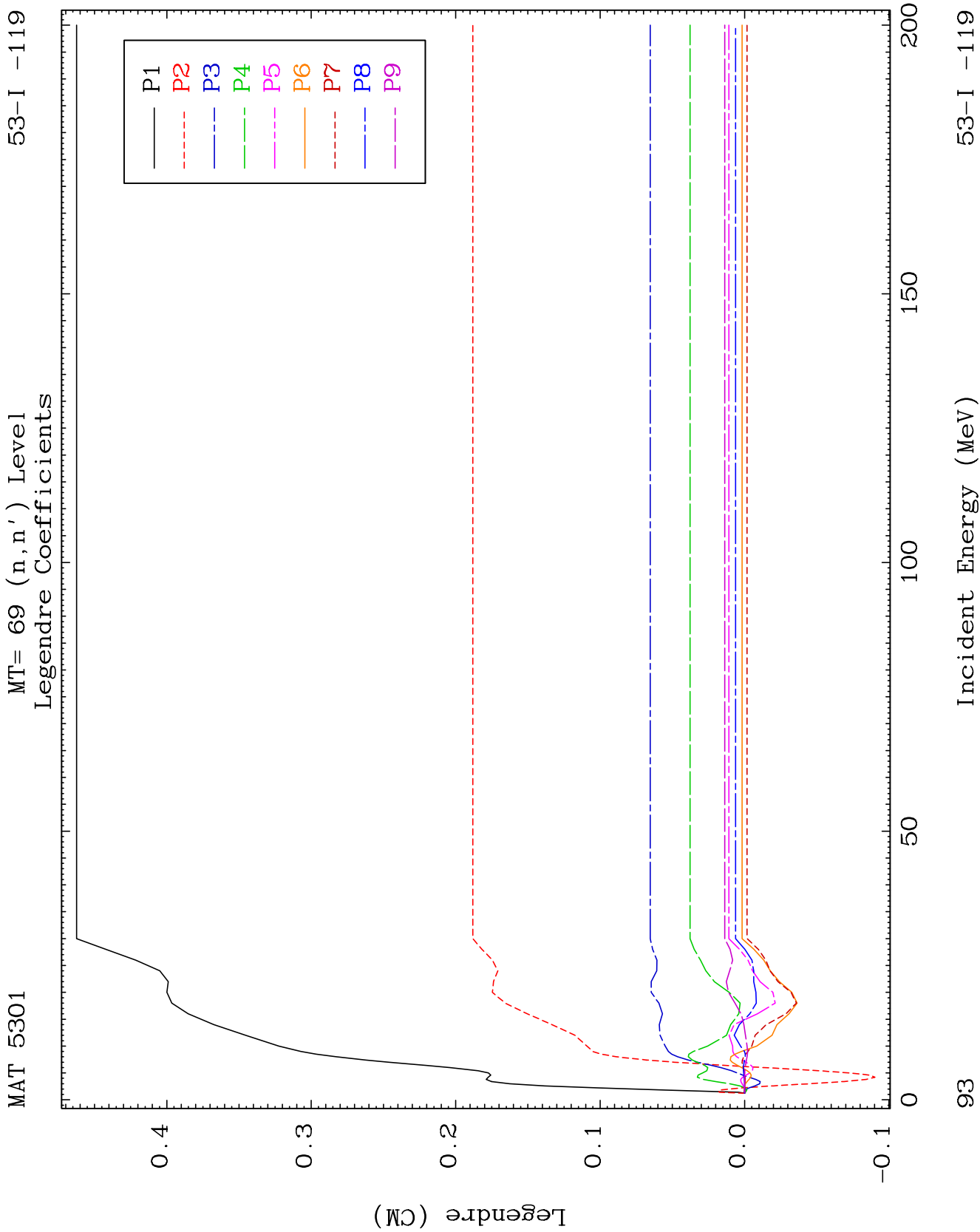


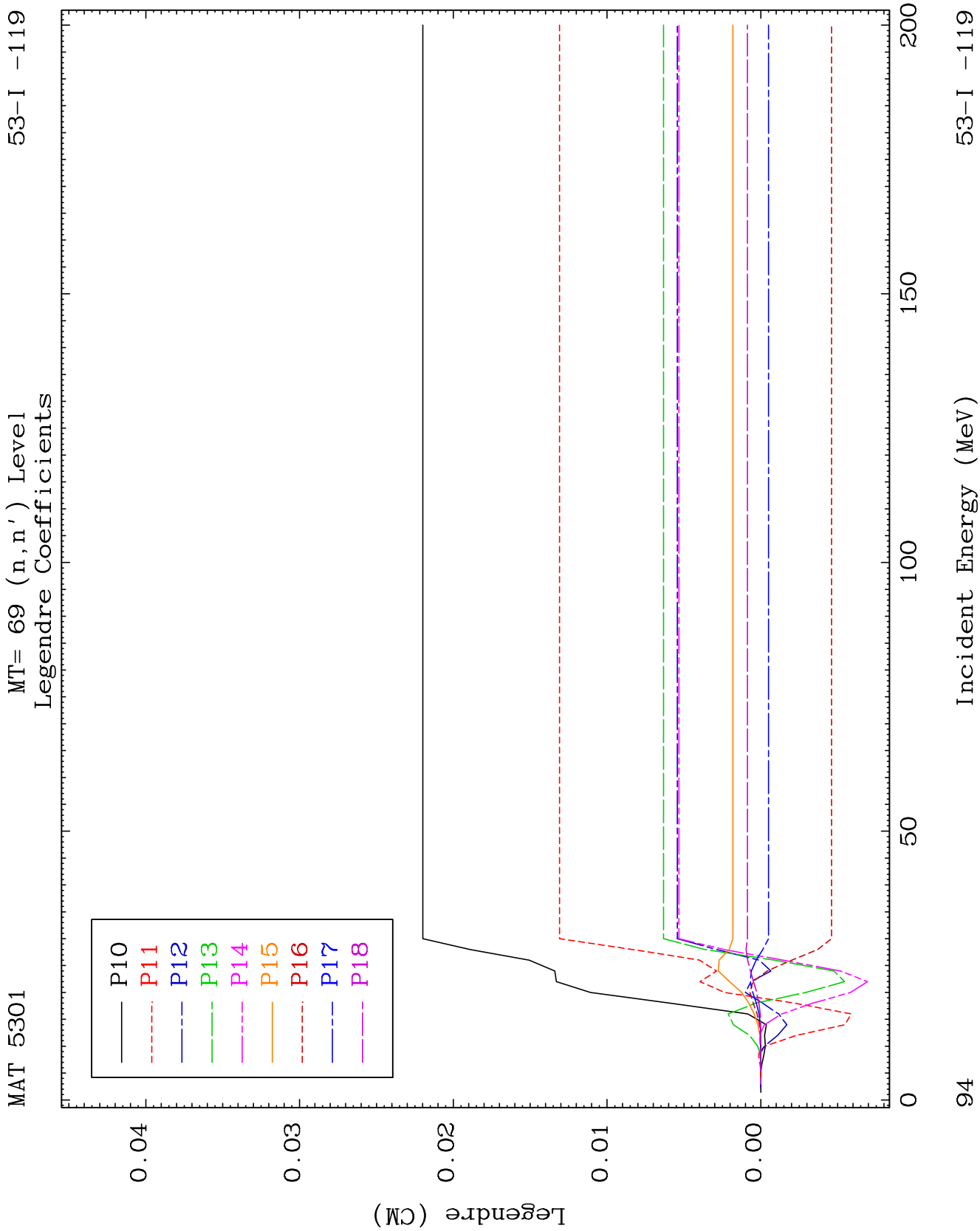


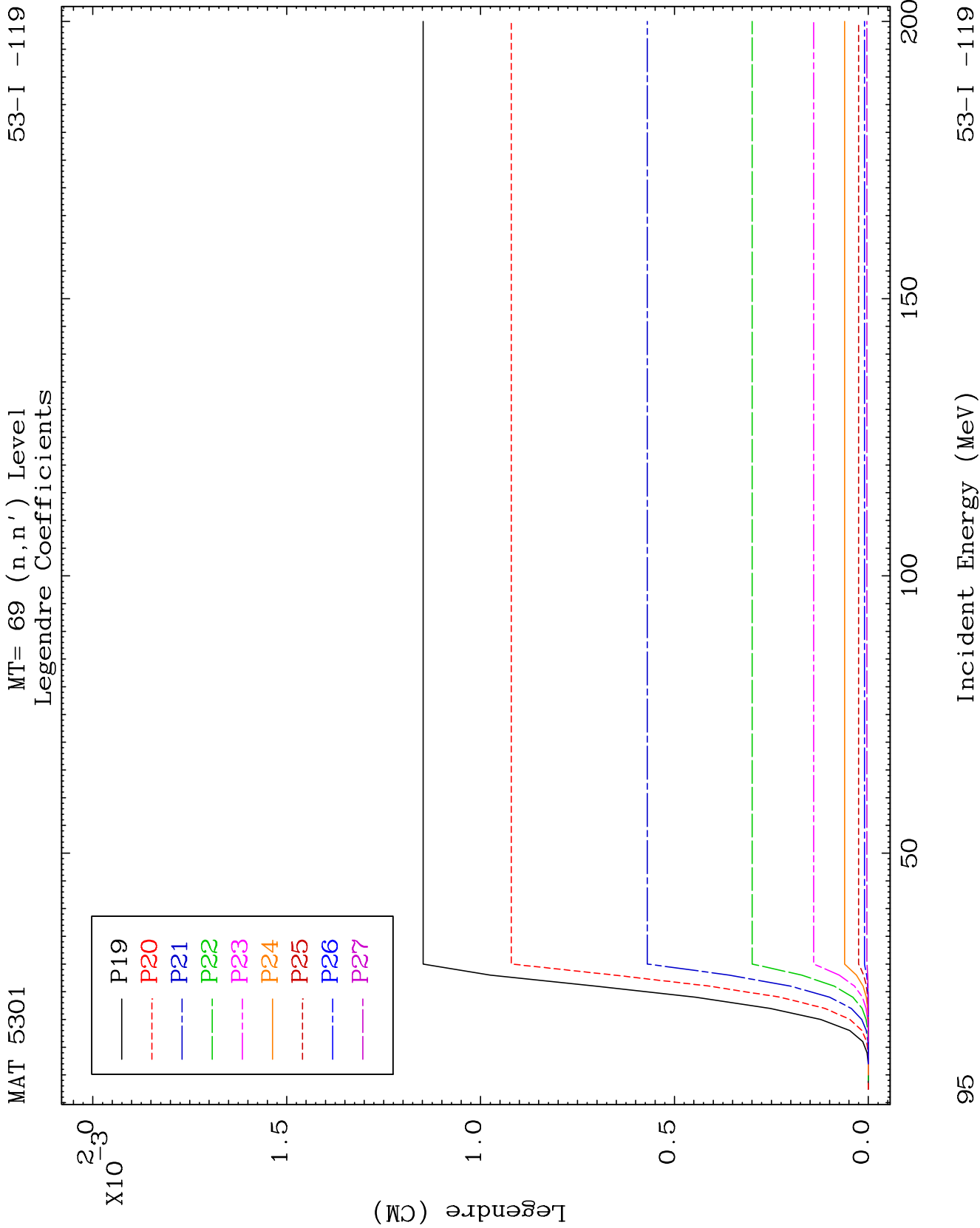


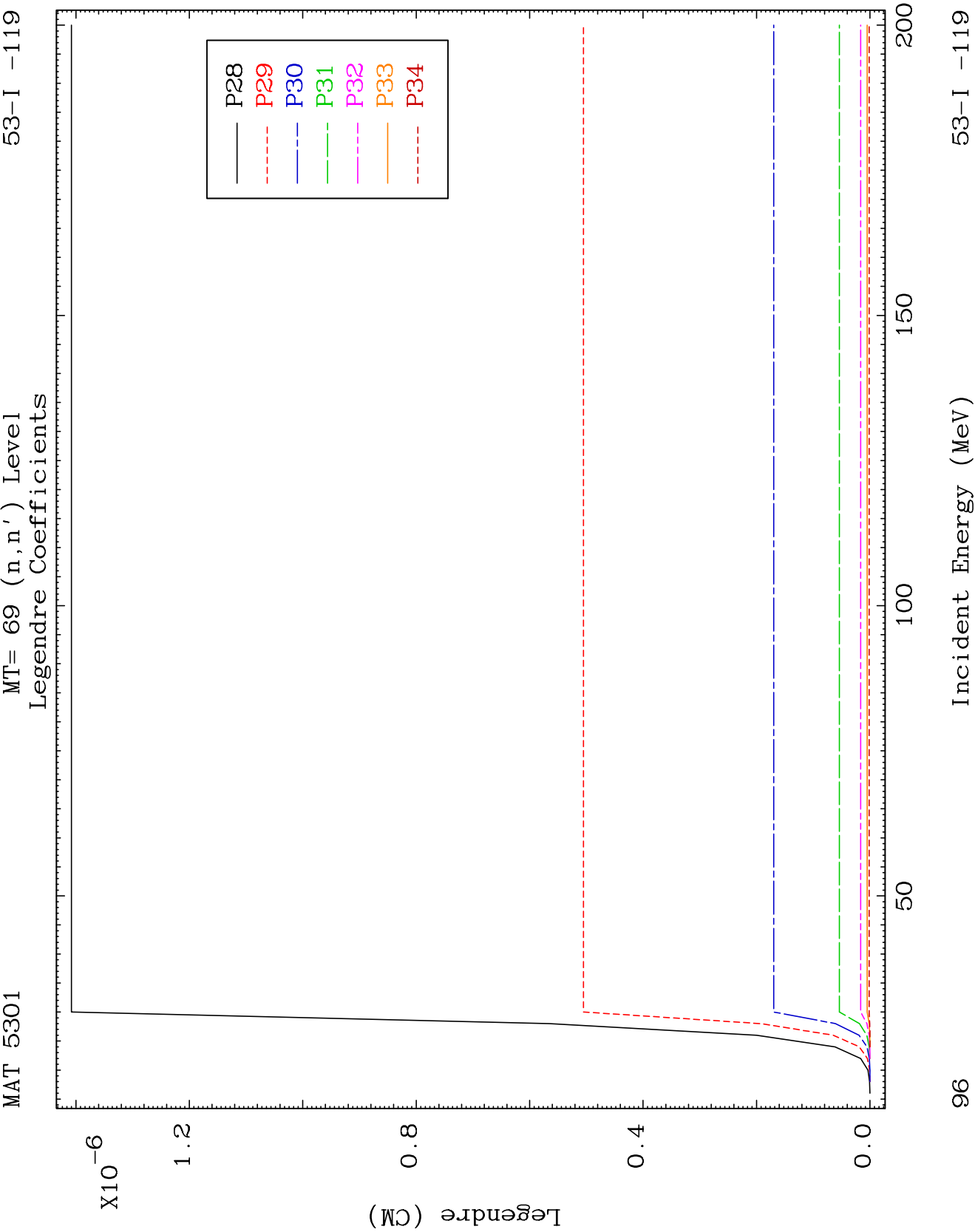








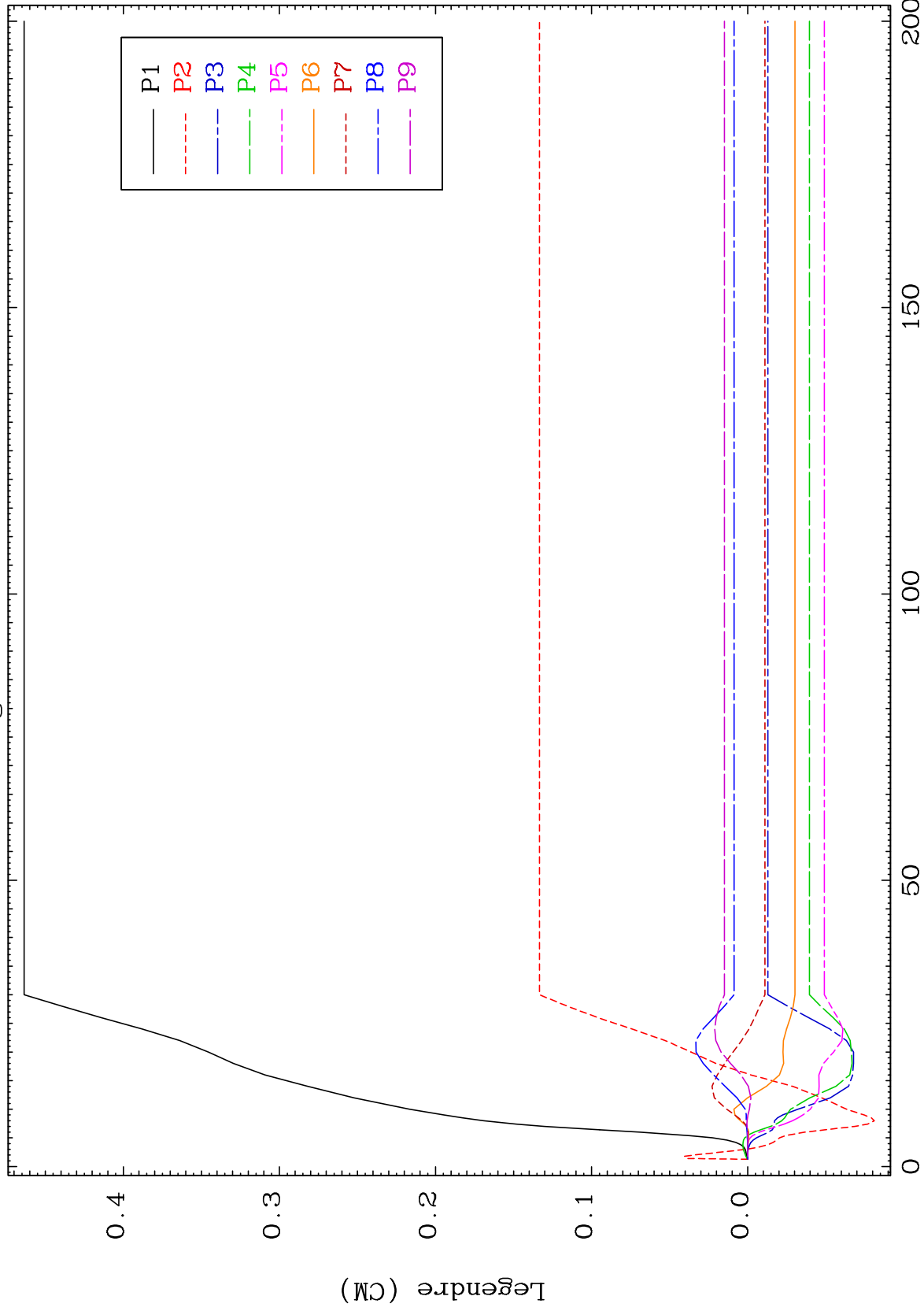




MAT 5301

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

53-I -119



97

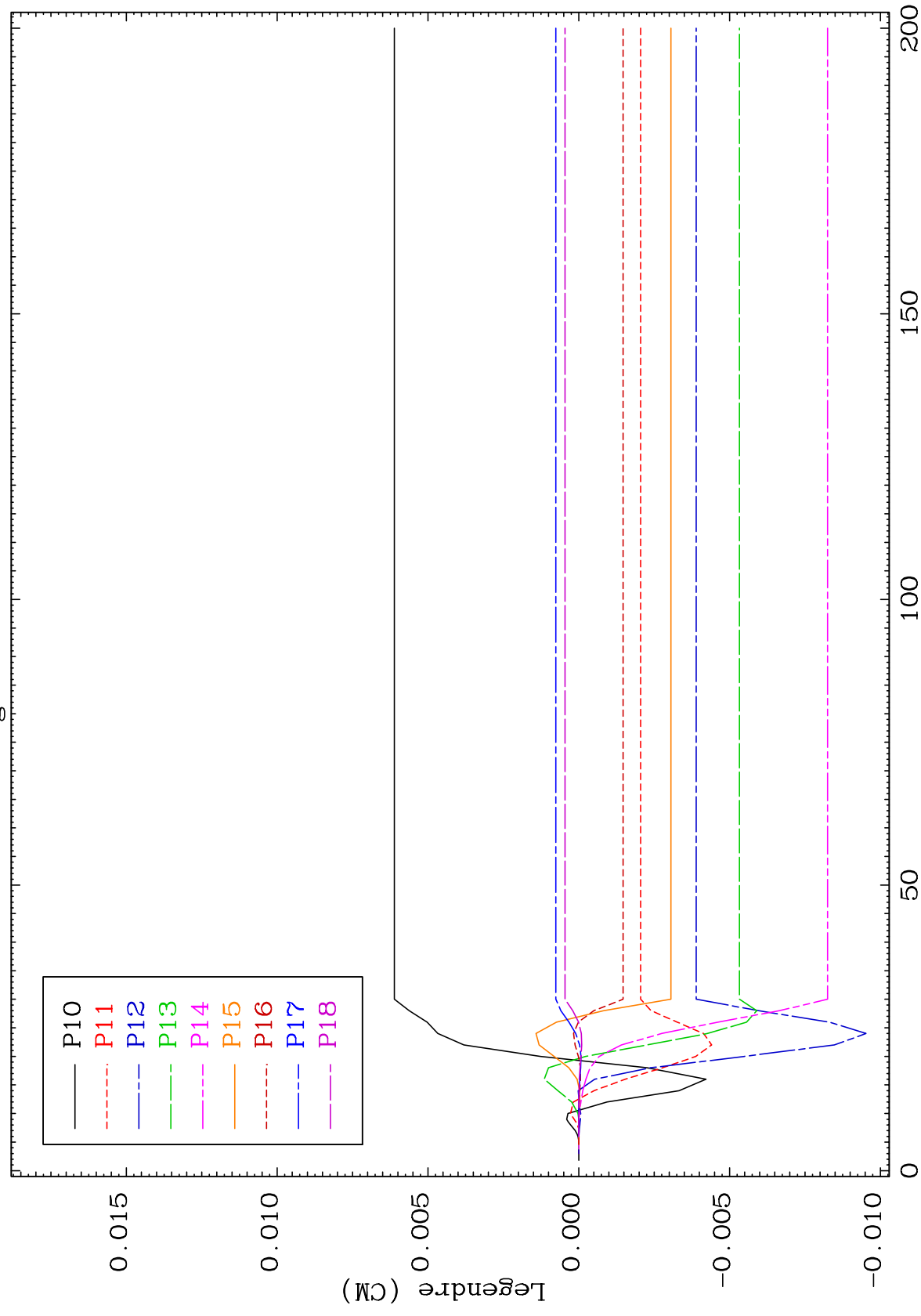
Incident Energy (MeV)

53-I -119

MAT 5301

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

53-I -119



89

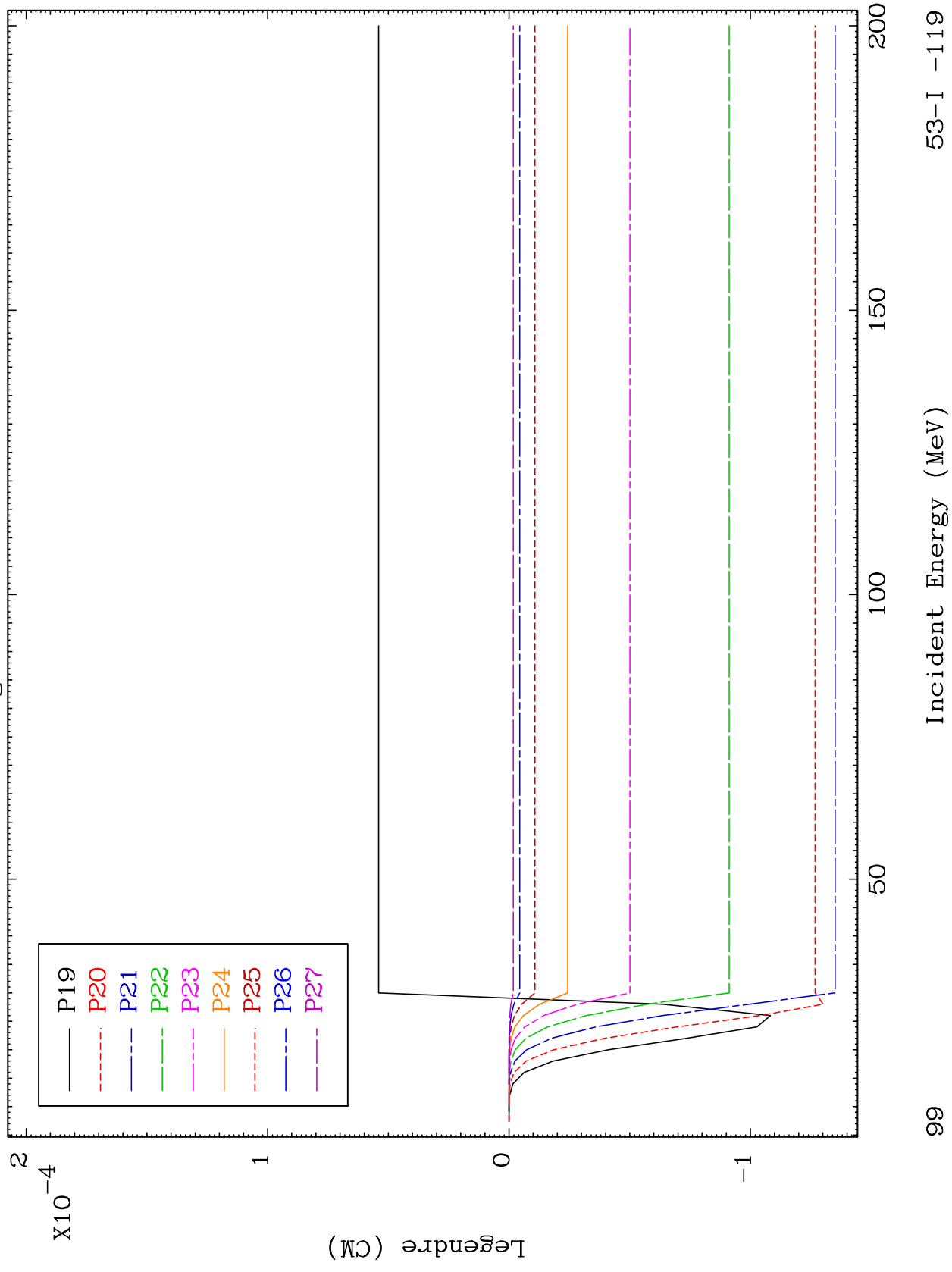
Incident Energy (MeV)

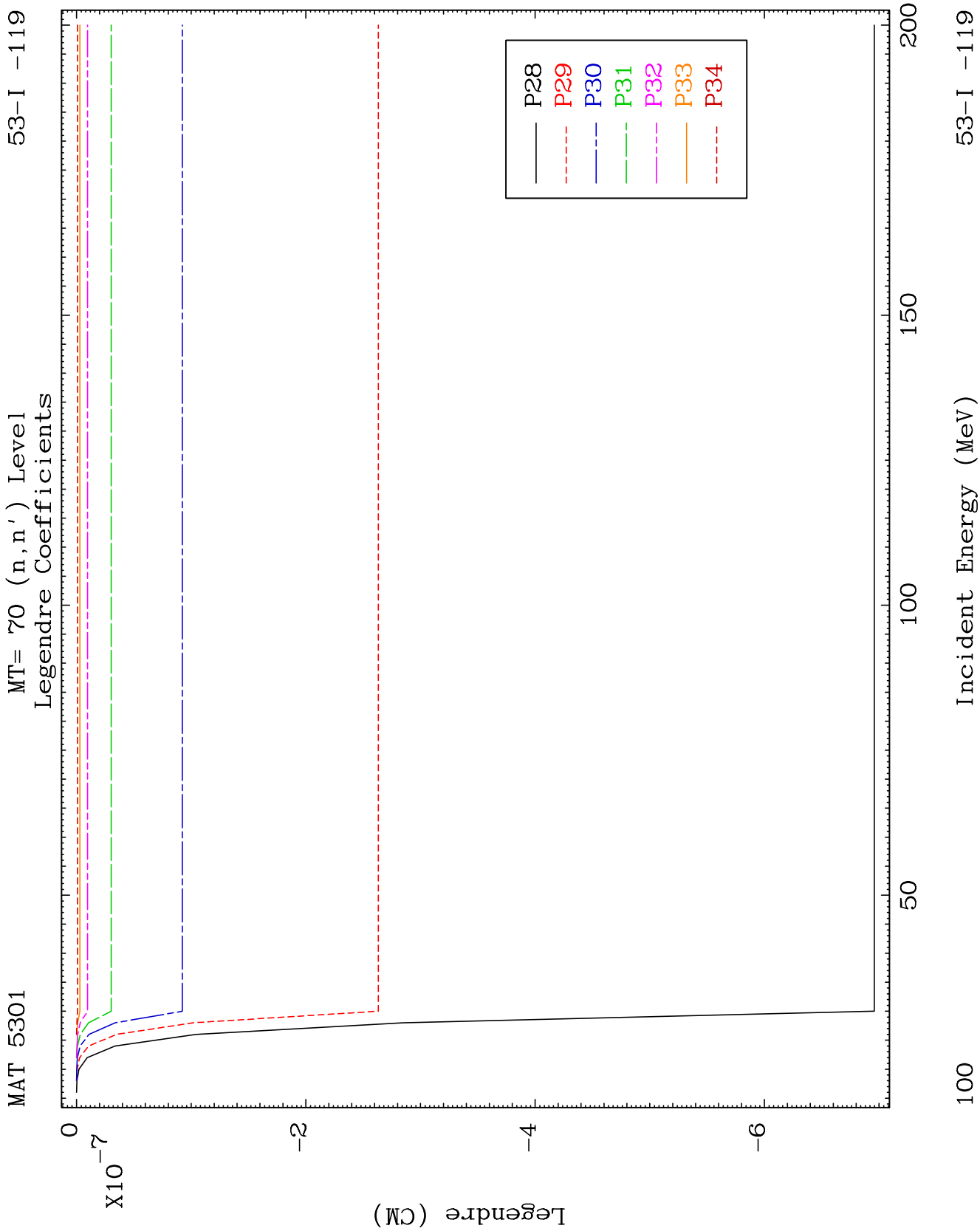
53-I -119

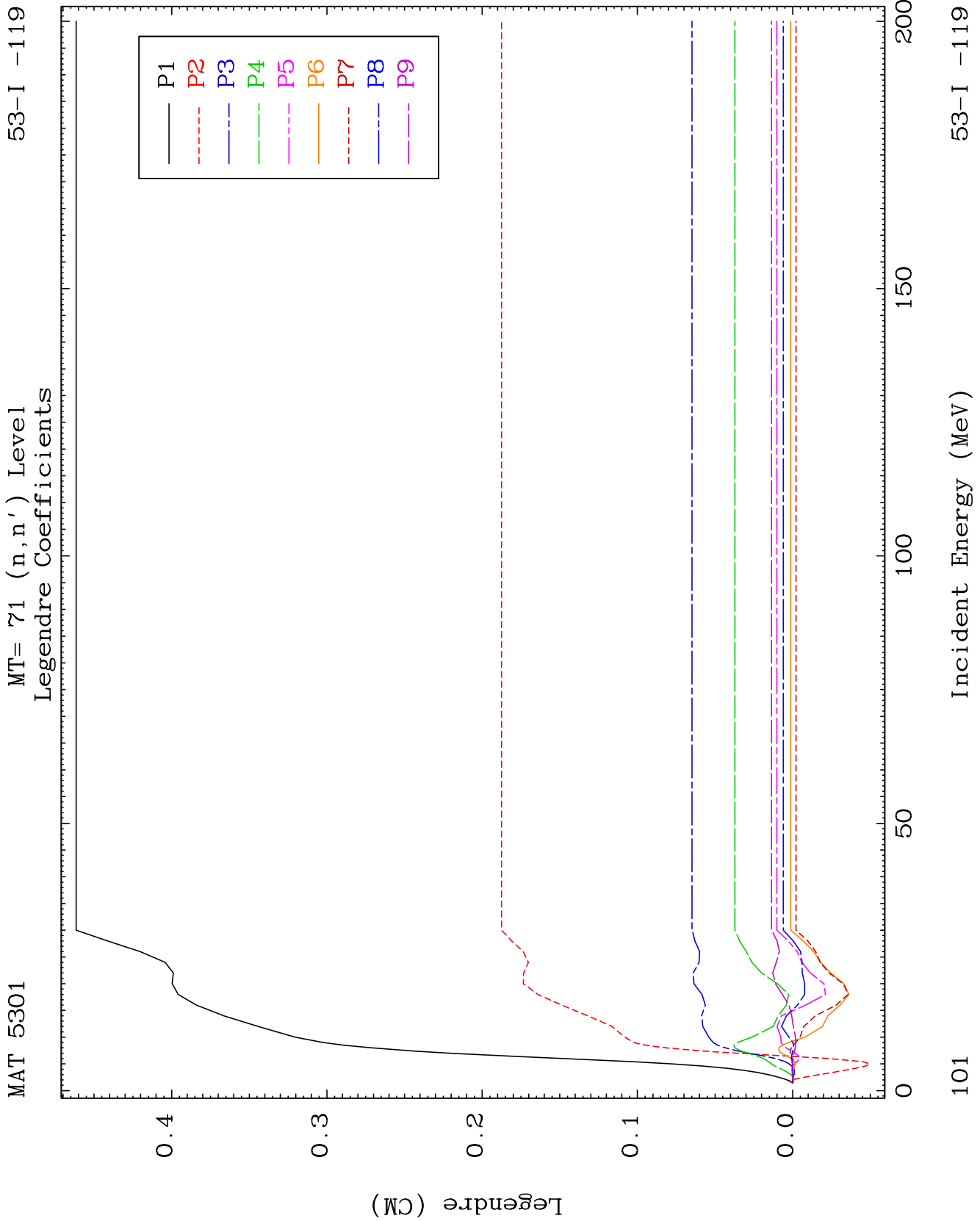
MAT 5301

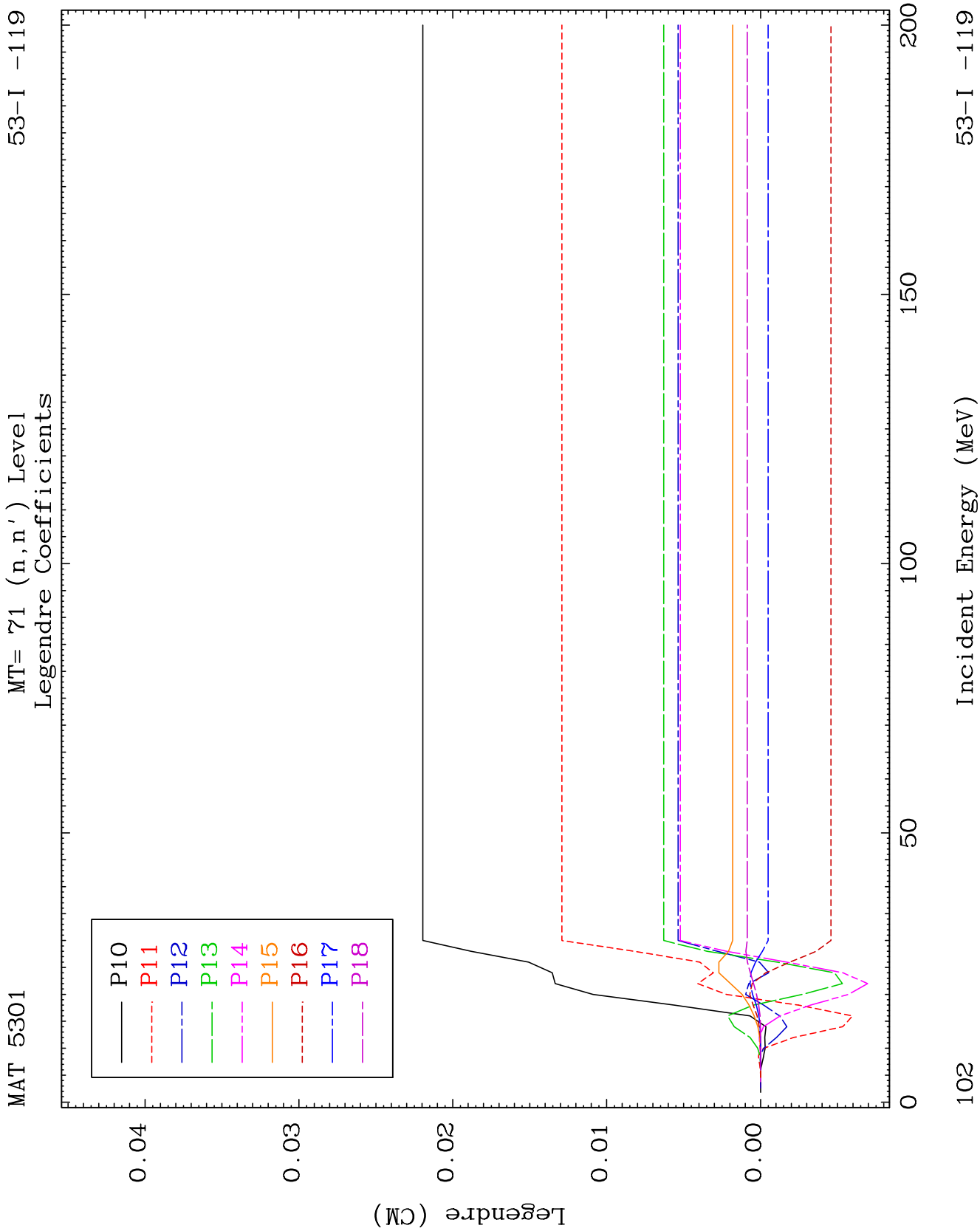
MT= 70 (n, n') Level
Legendre Coefficients

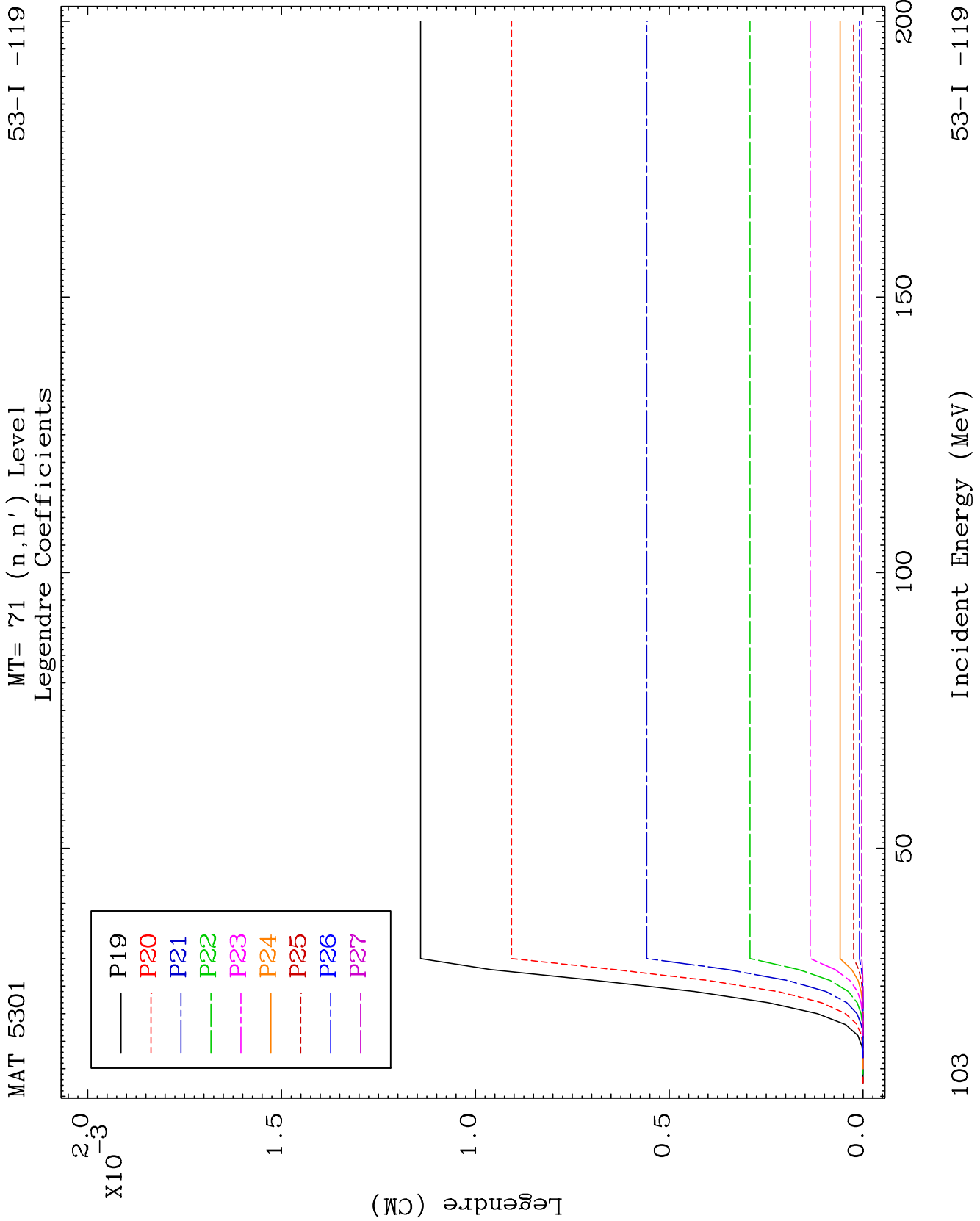
53-I -119







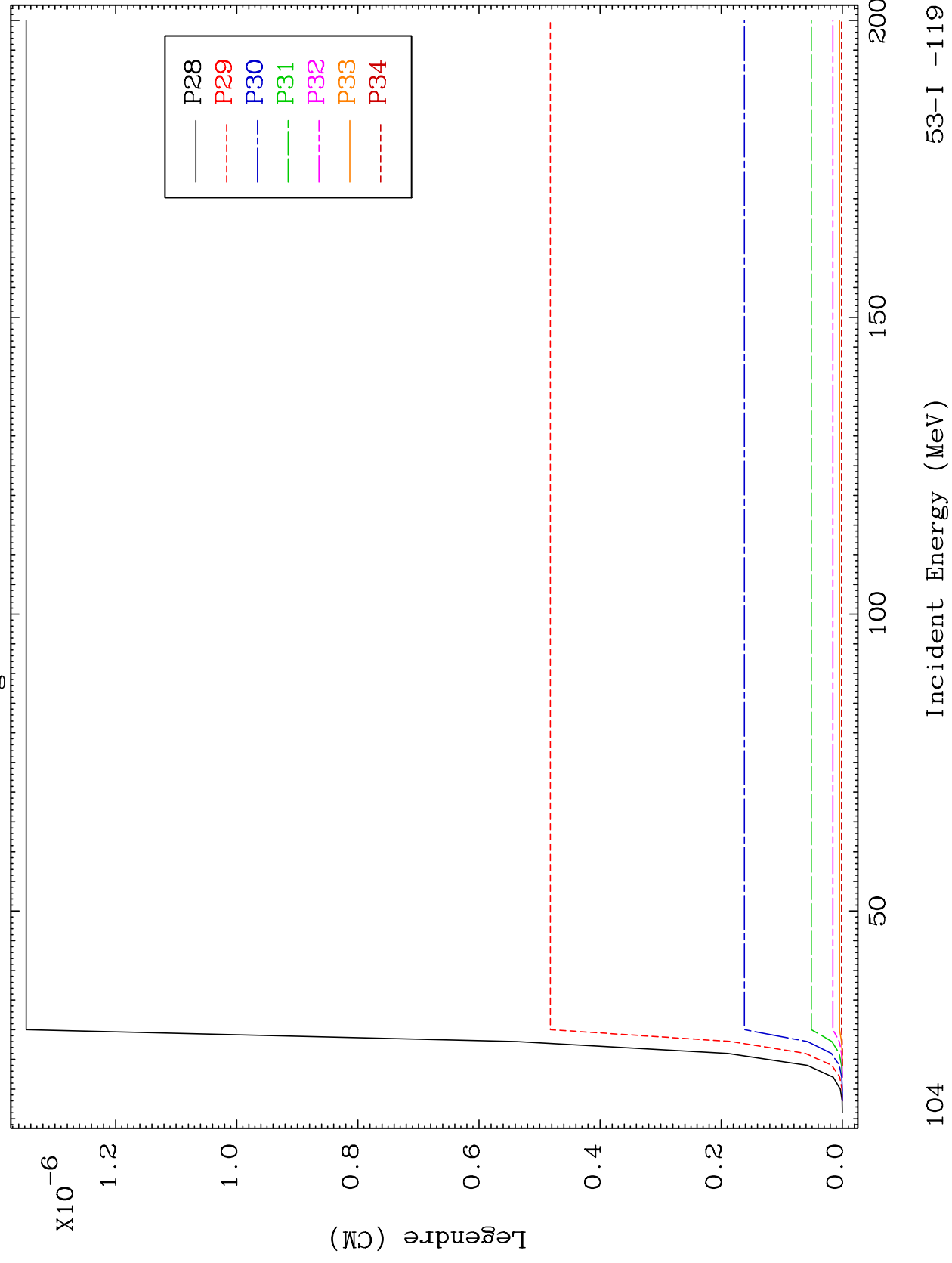




MAT 5301

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

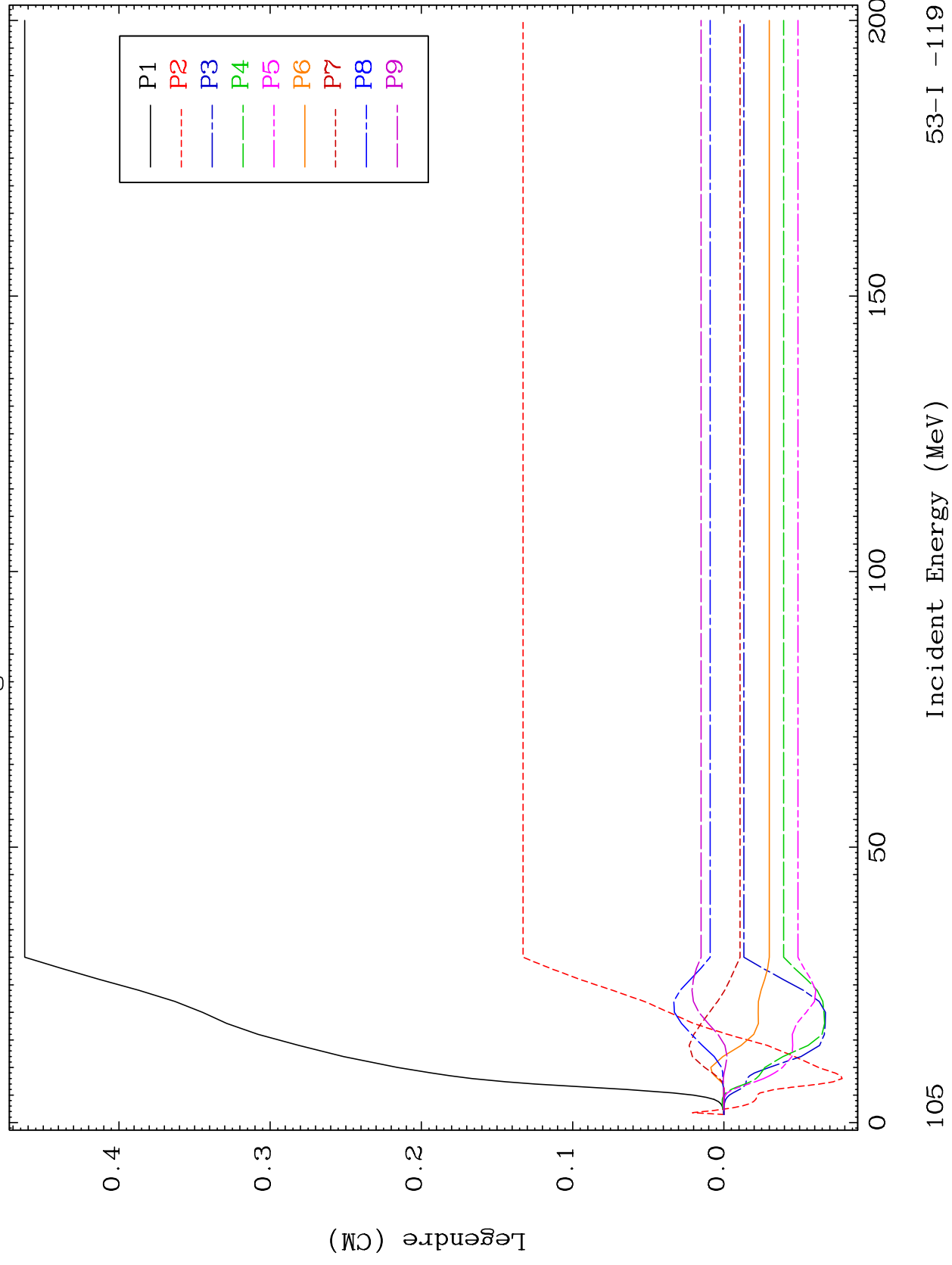
53-I -119

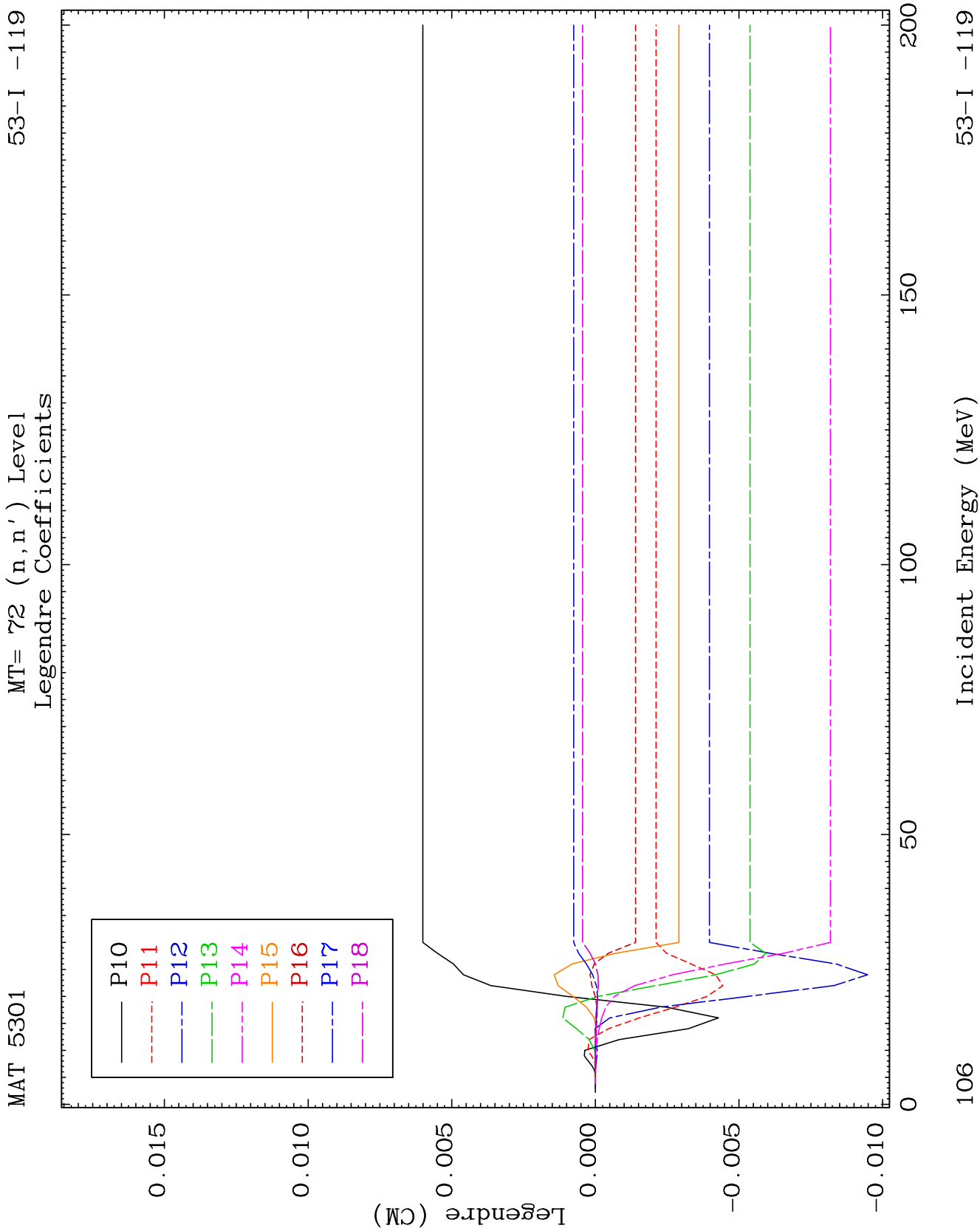


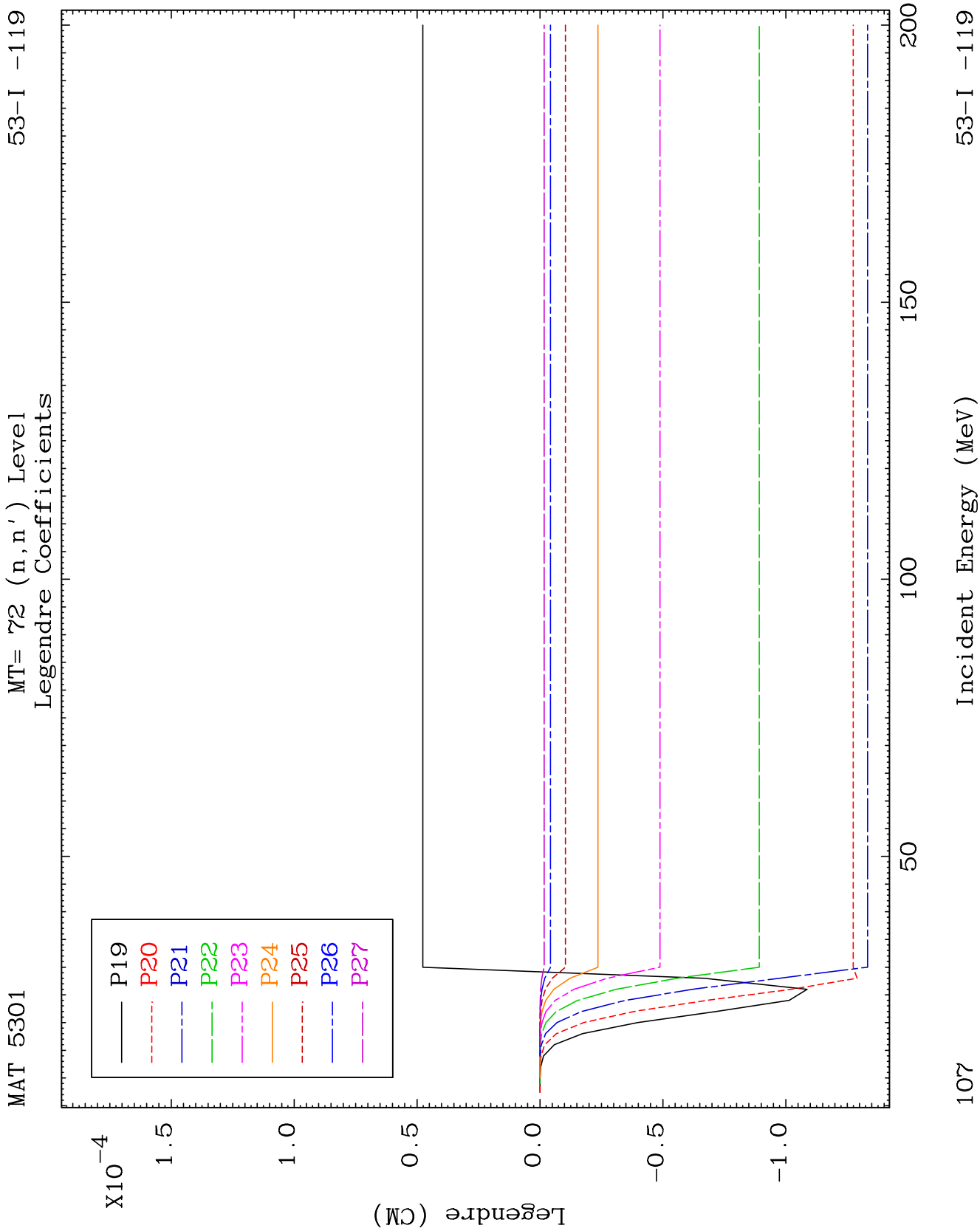
MAT 5301

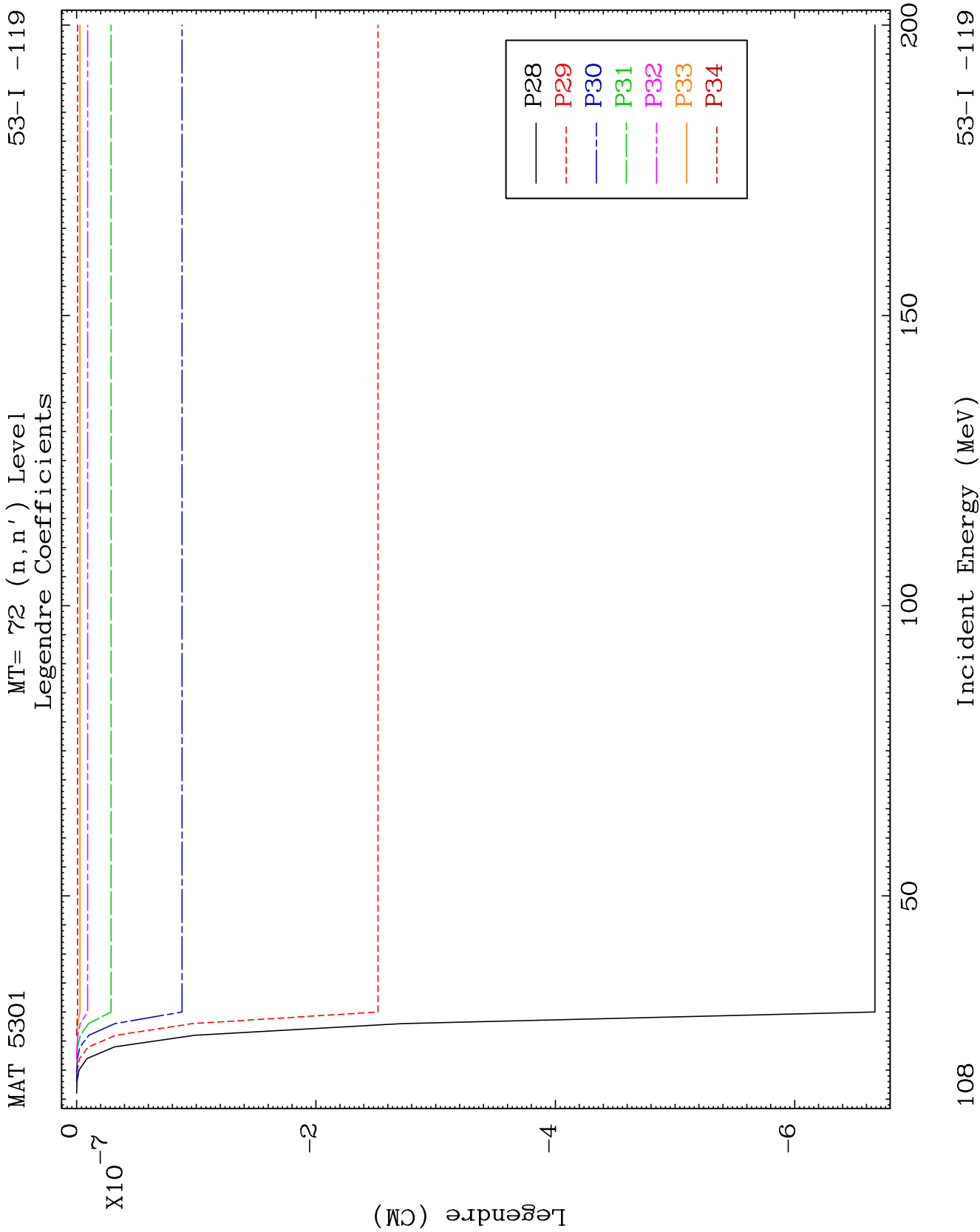
MT= 72 (n, n') Level
Legendre Coefficients

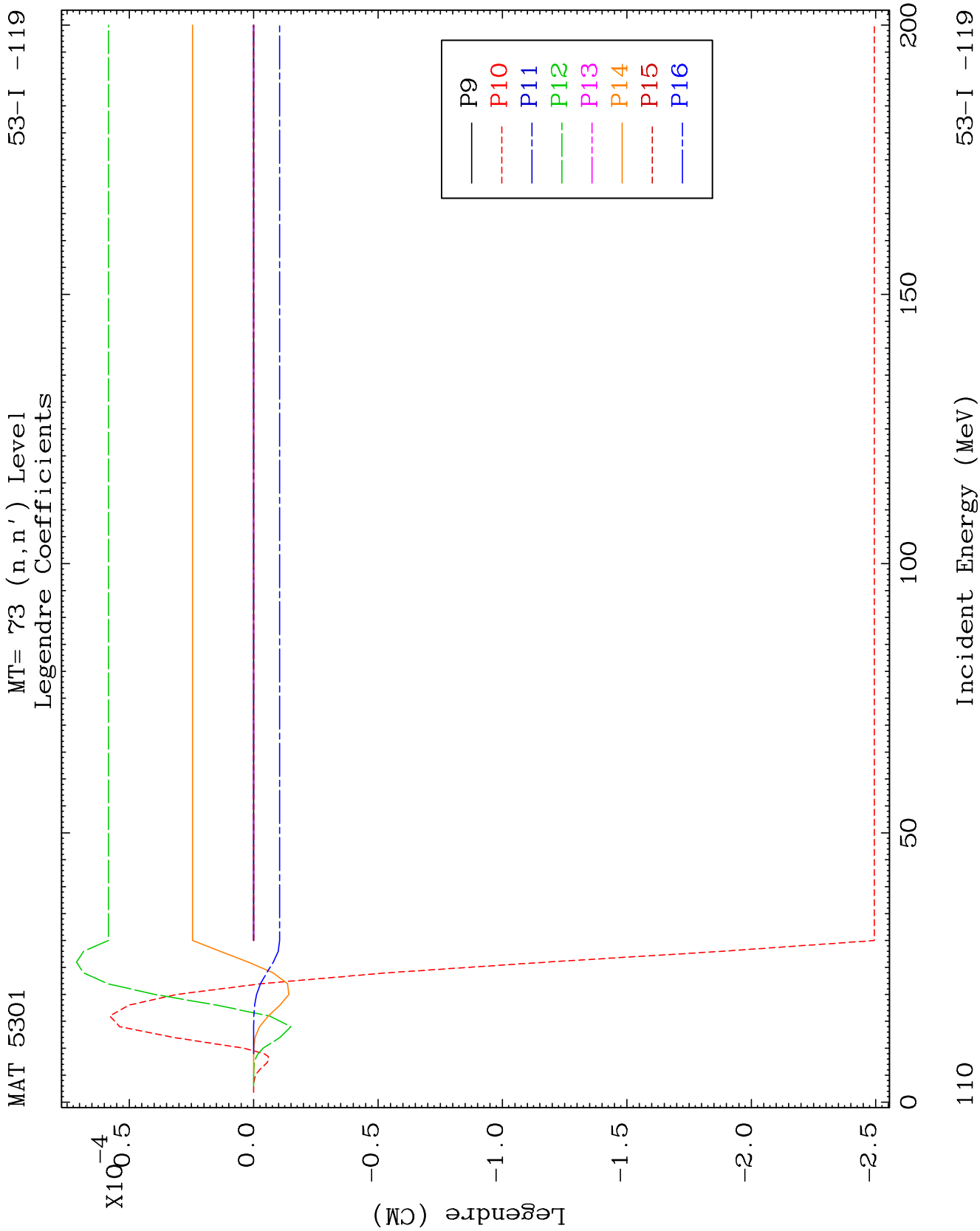
53-I -119

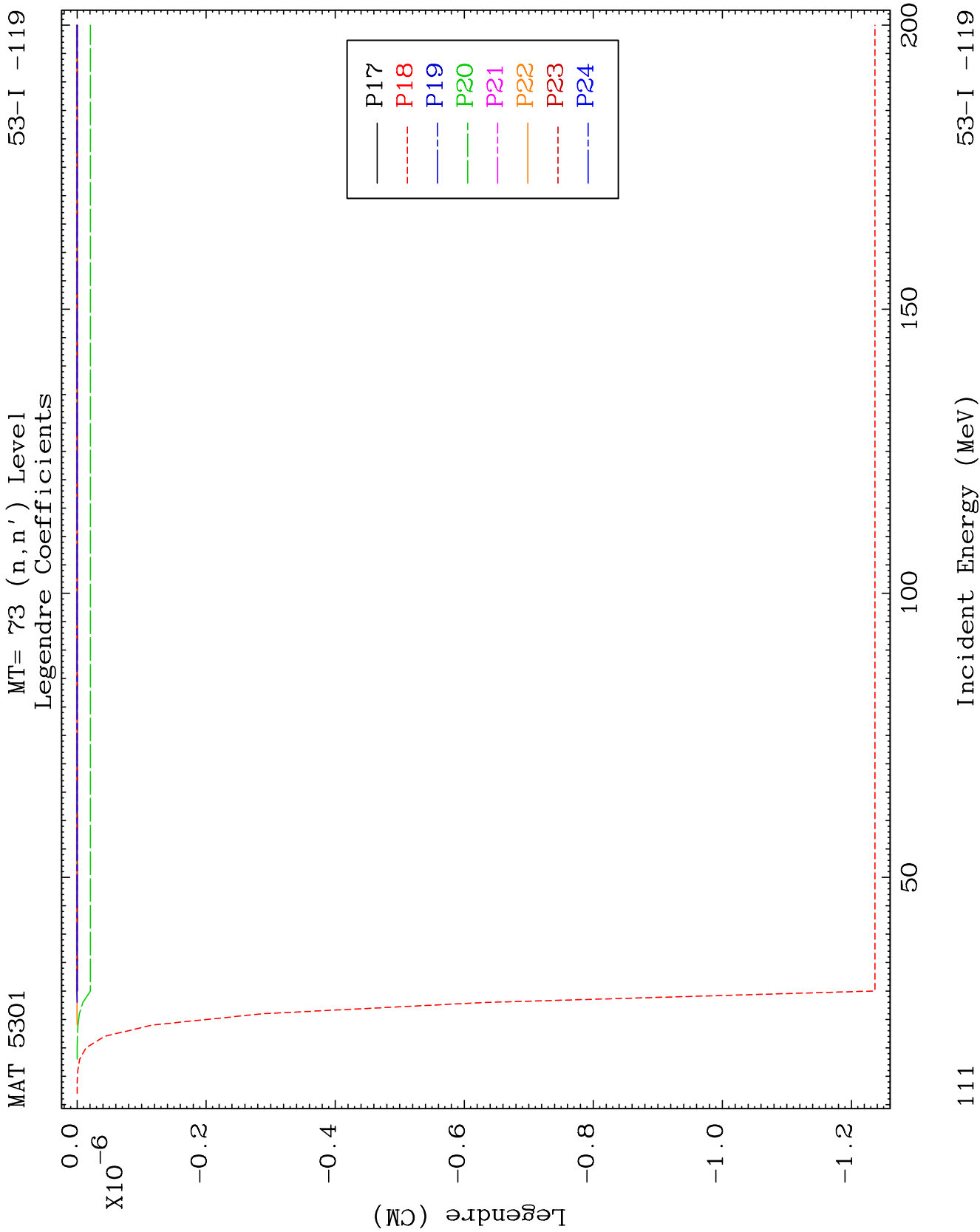


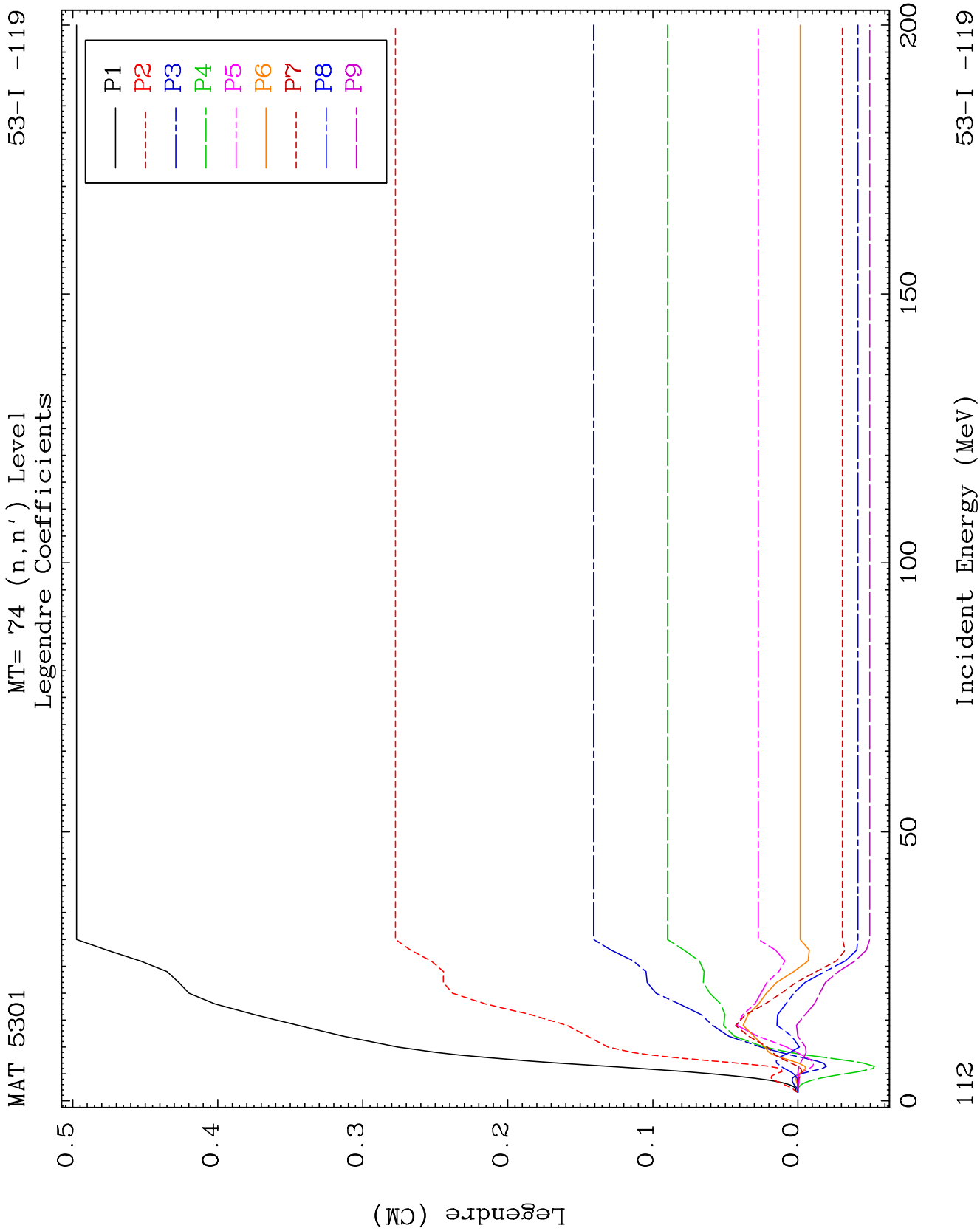








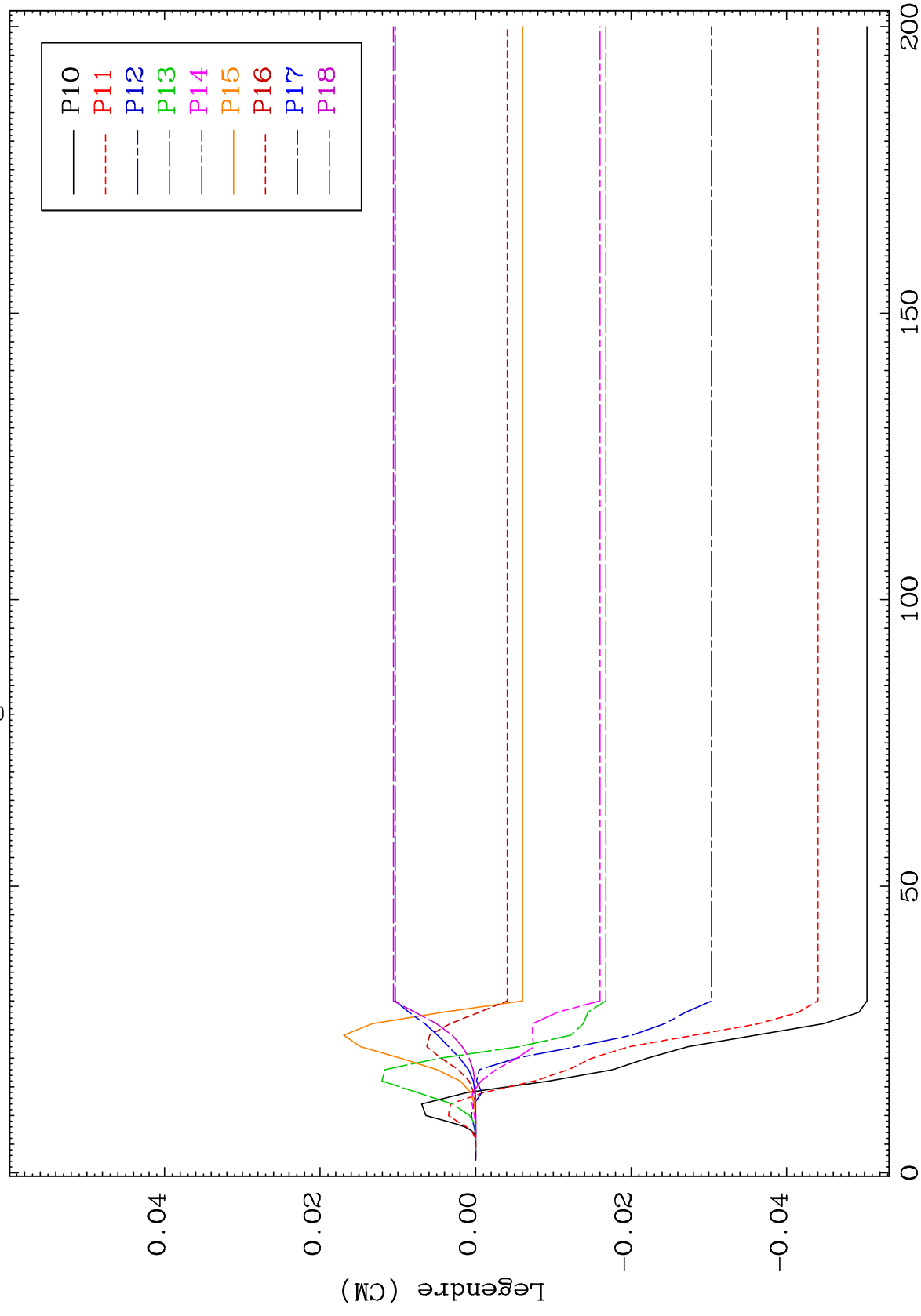




MAT 5301

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

53-I -119



113

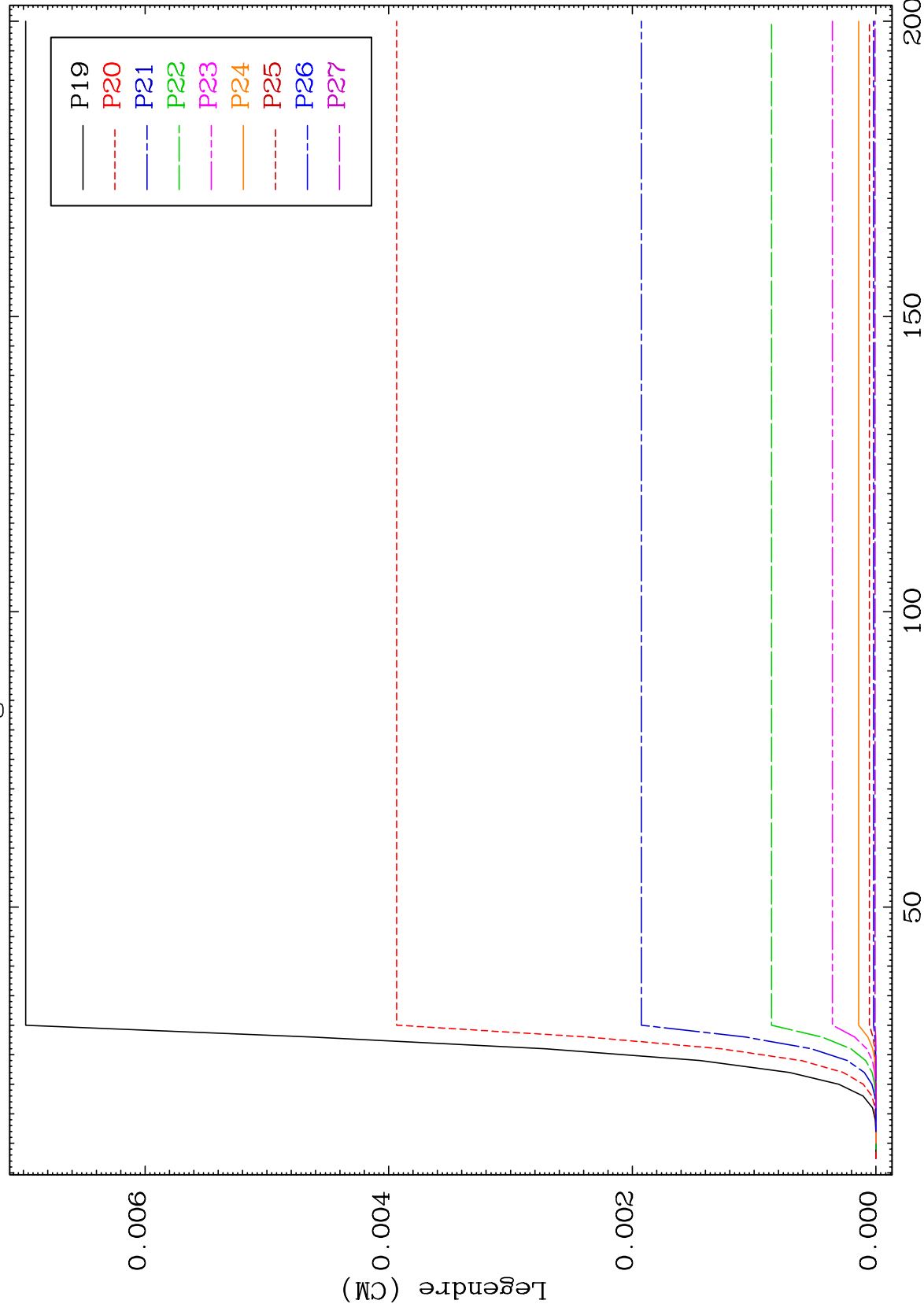
Incident Energy (MeV)

53-I -119

MAT 5301

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

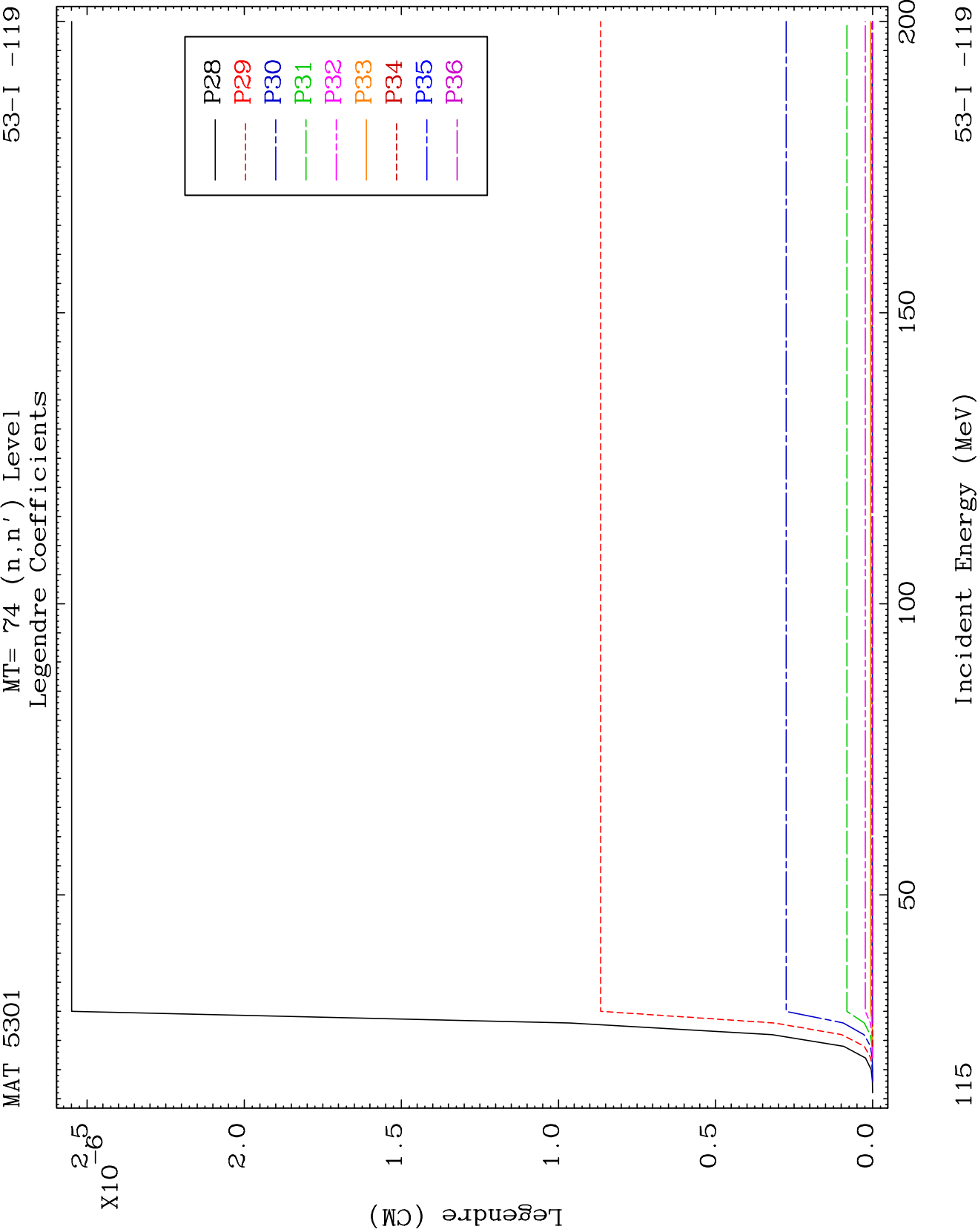
53-I -119

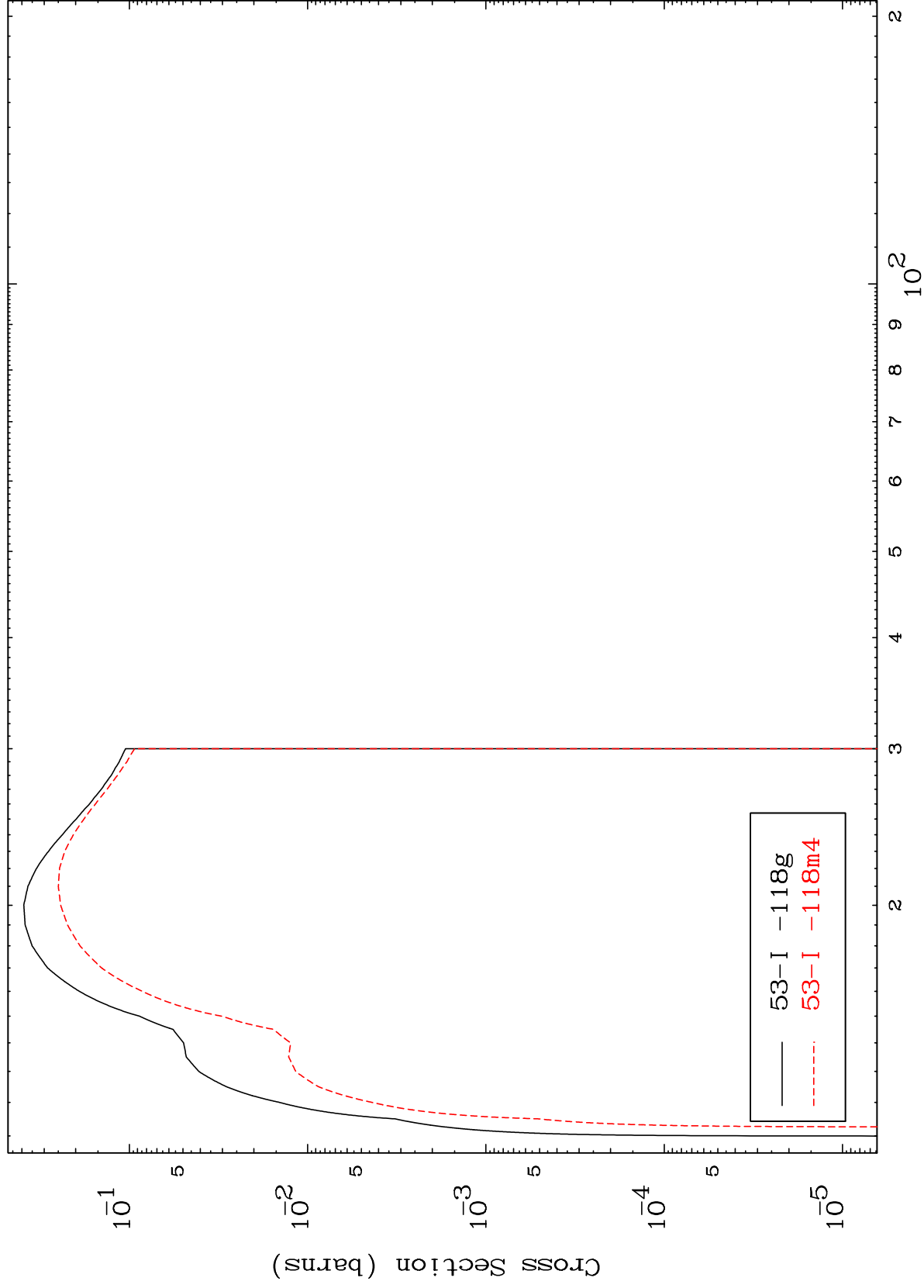


114

Incident Energy (MeV)

53-I -119



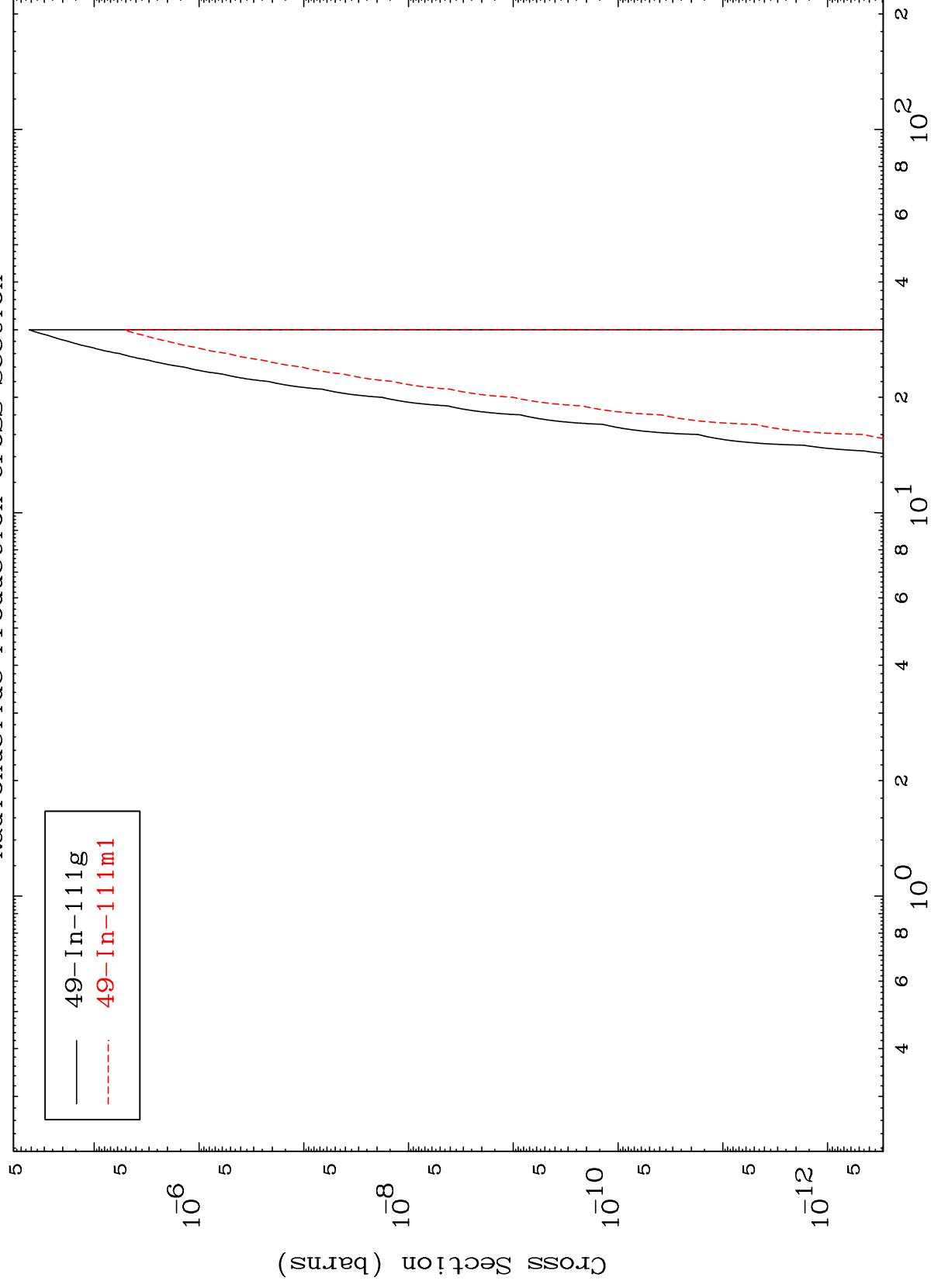
(n,2n)
Radionuclide Production Cross Section

MAT 5301

(n,n') 2α

53-I -119

Radionuclide Production Cross Section



117

Incident Energy (MeV)

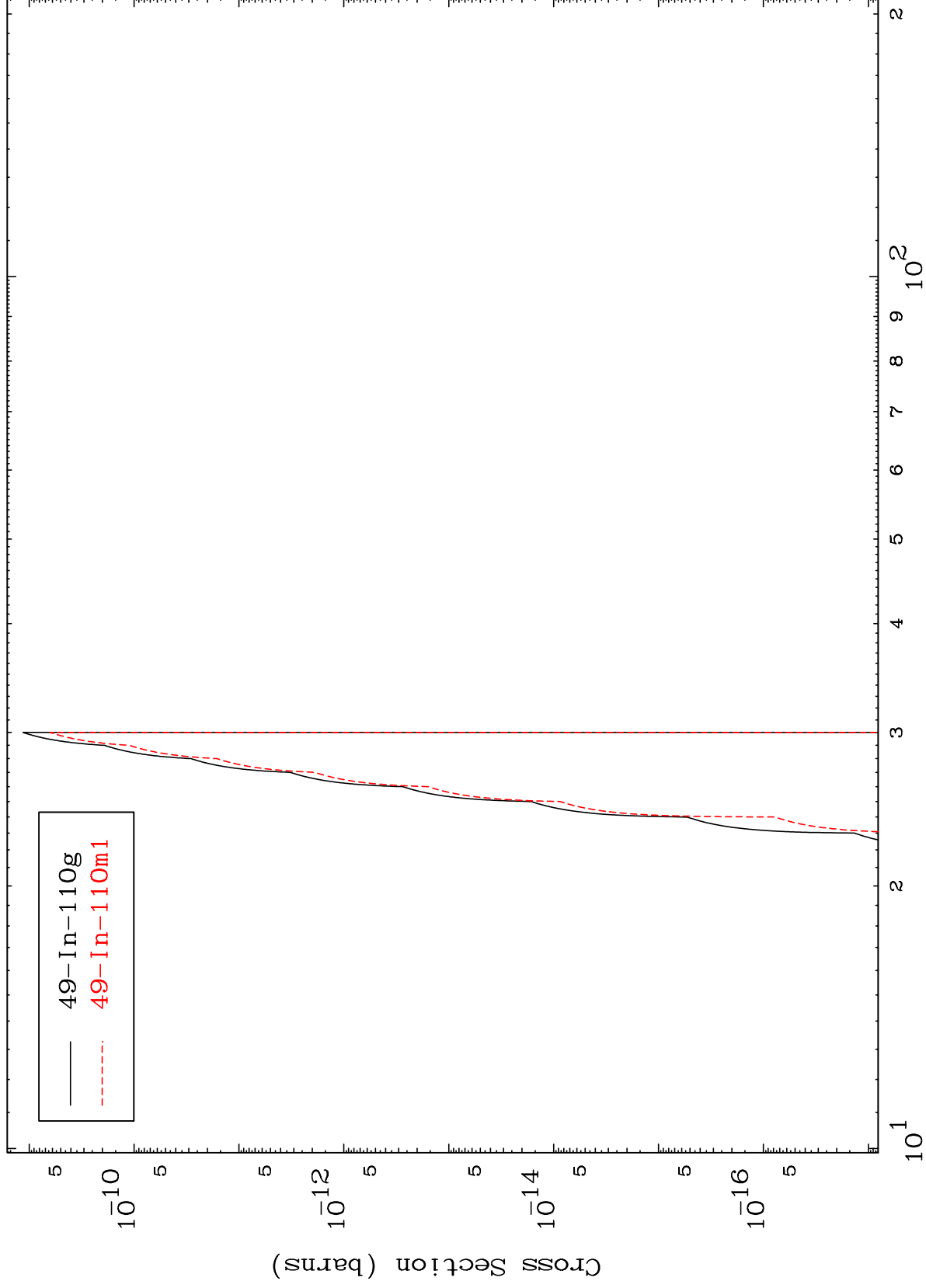
53-I -119

MAT 5301

(n,2n) 2α

53-I -119

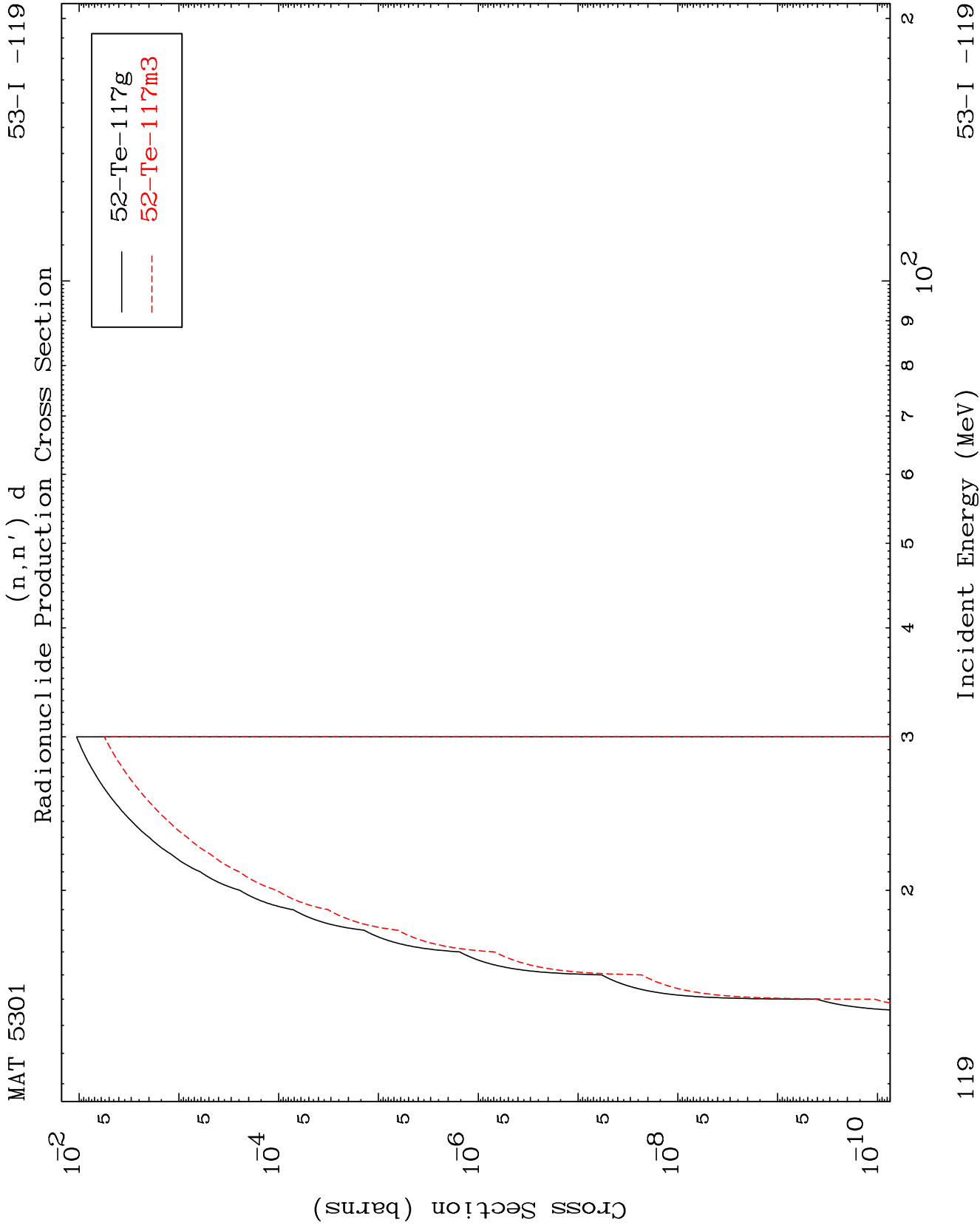
Radionuclide Production Cross Section



118

Incident Energy (MeV)

53-I -119

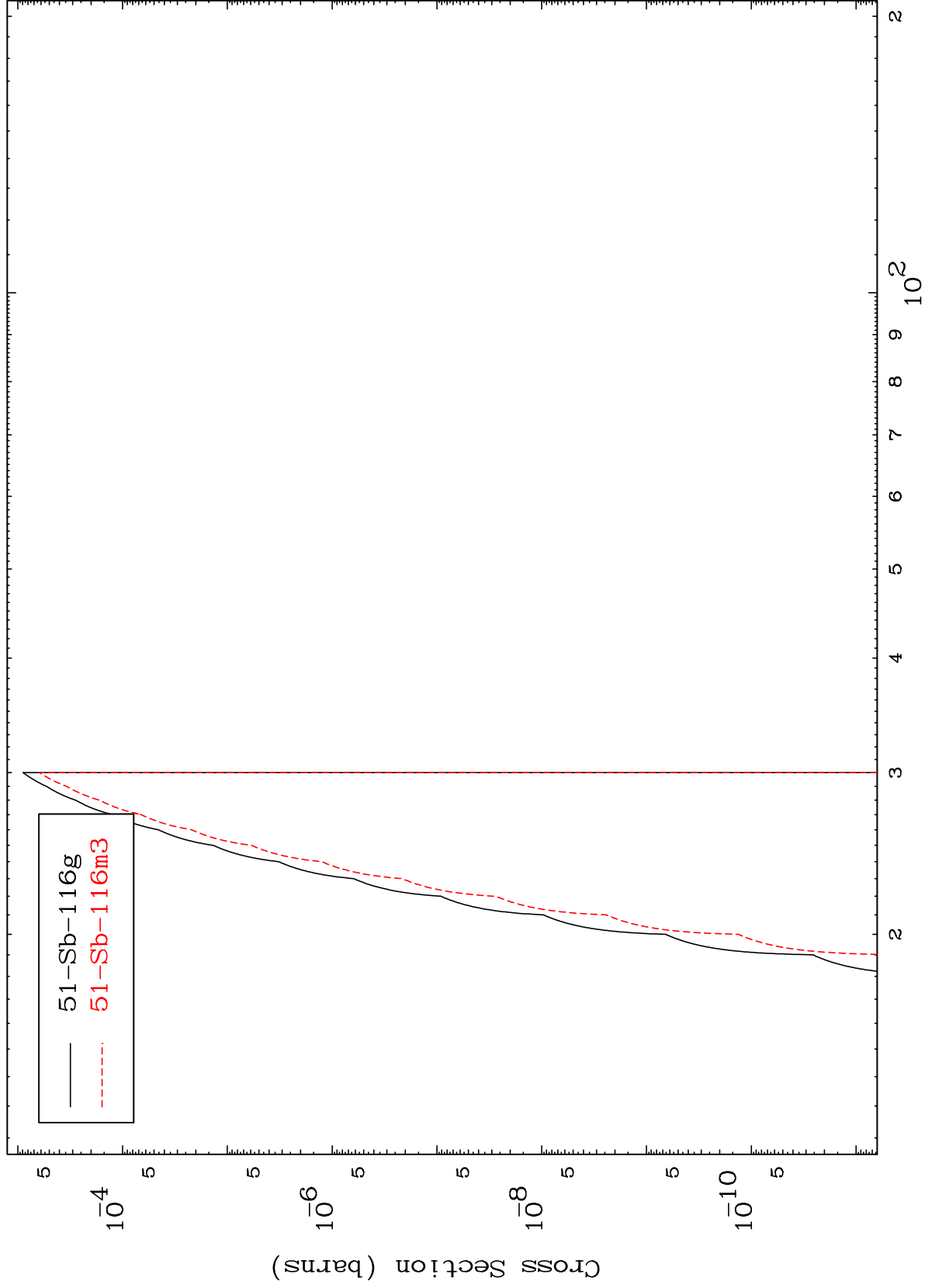


MAT 5301

(n,n') He-3

53-I -119

Radionuclide Production Cross Section

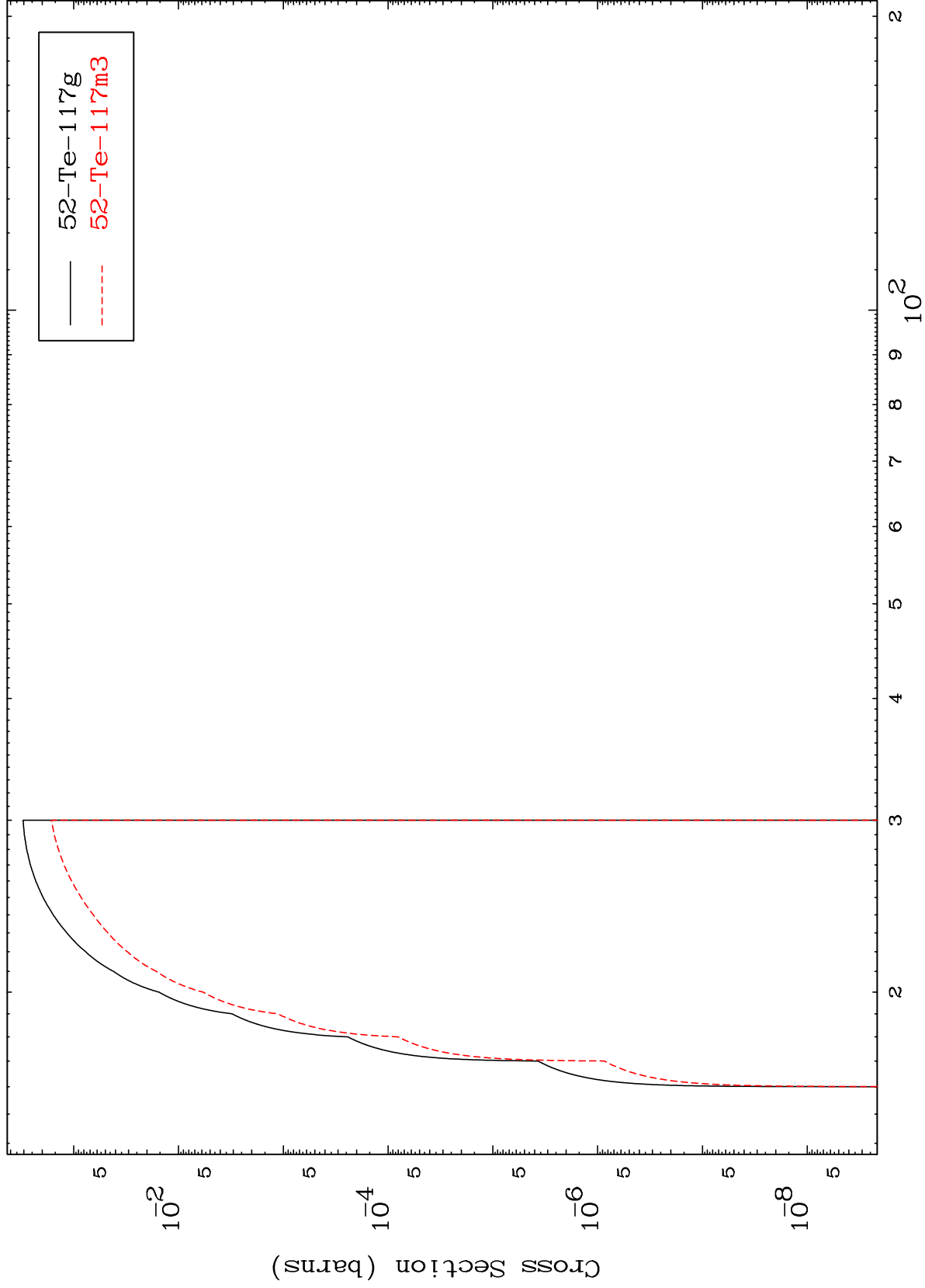


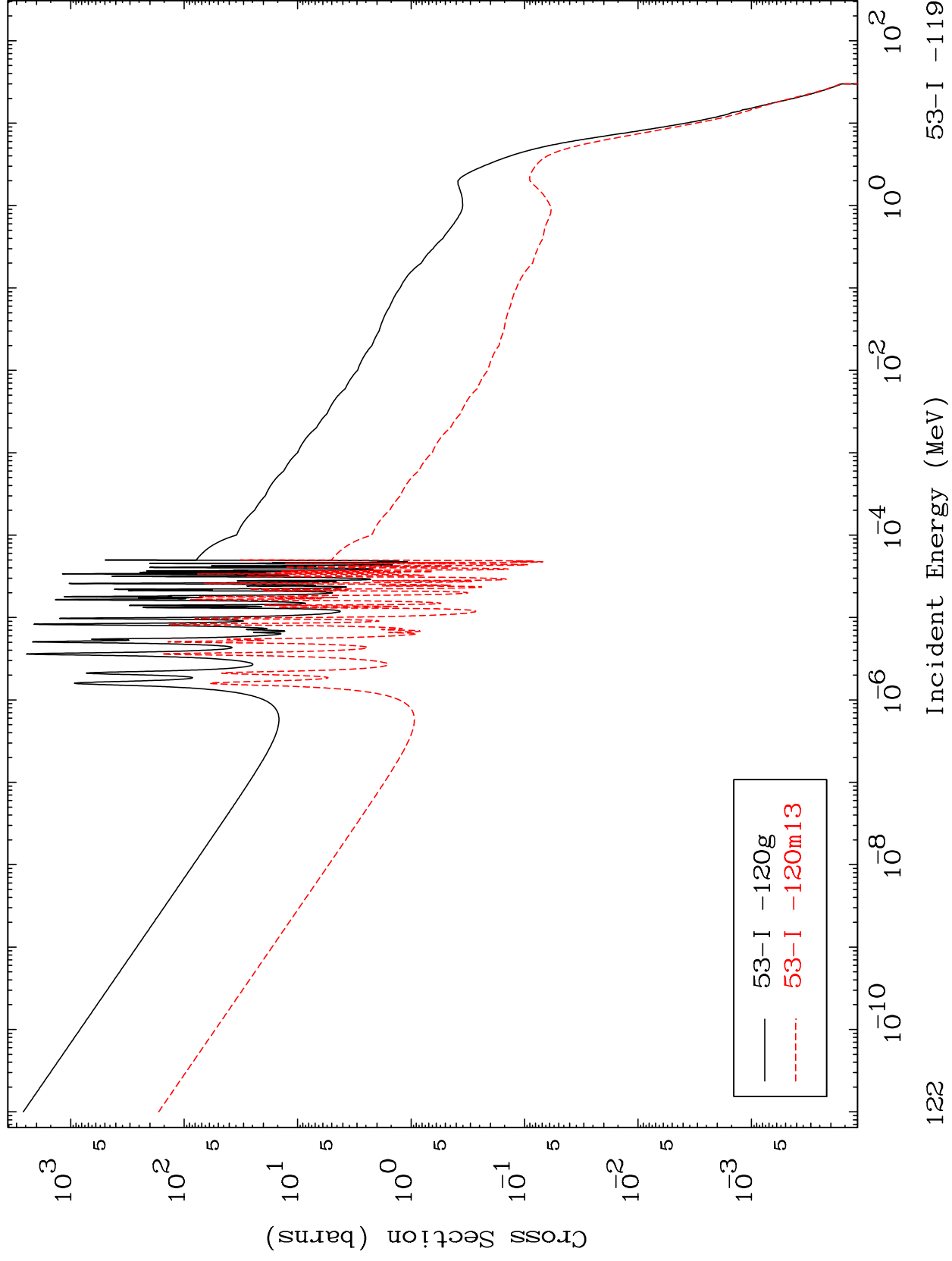
120

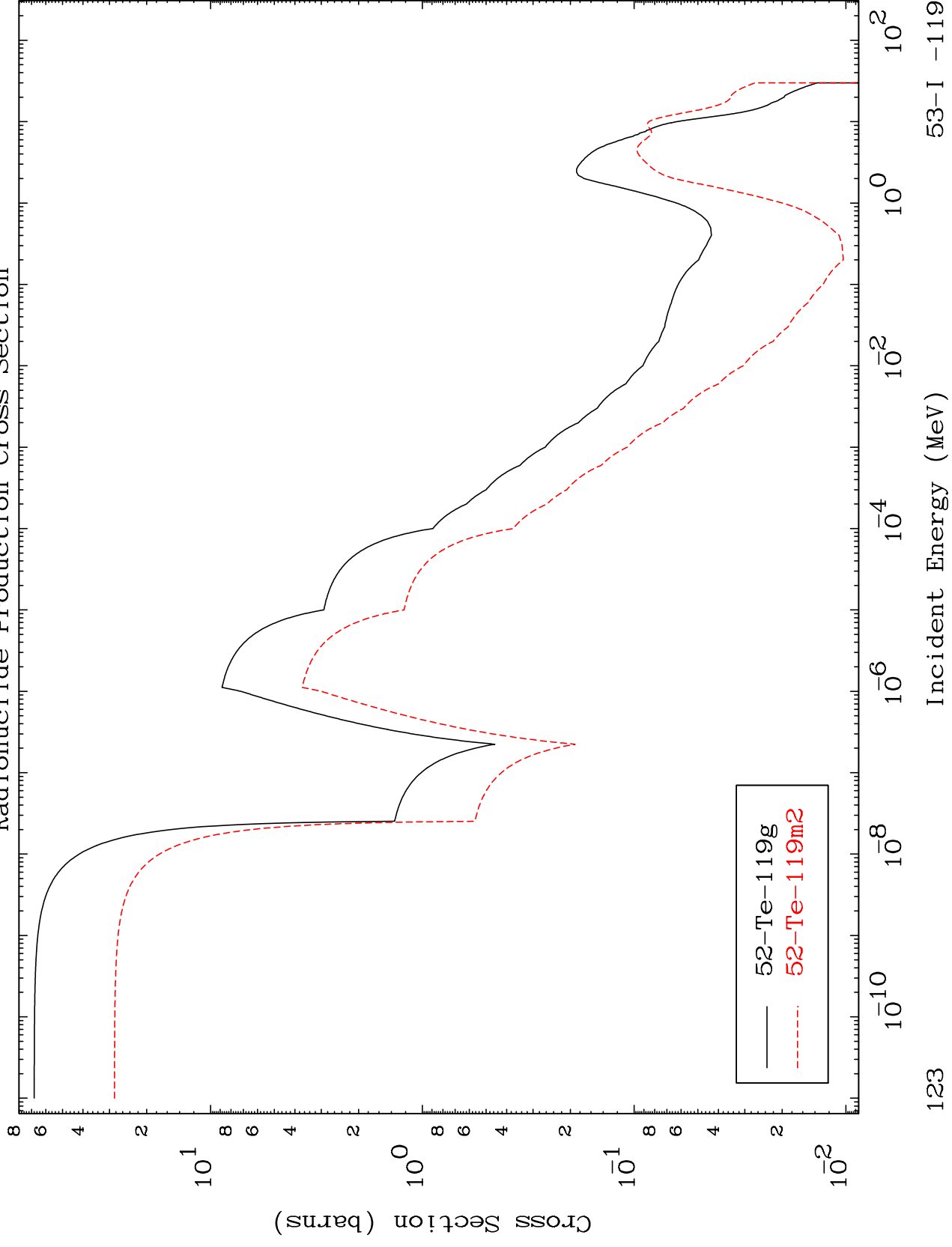
Incident Energy (MeV)

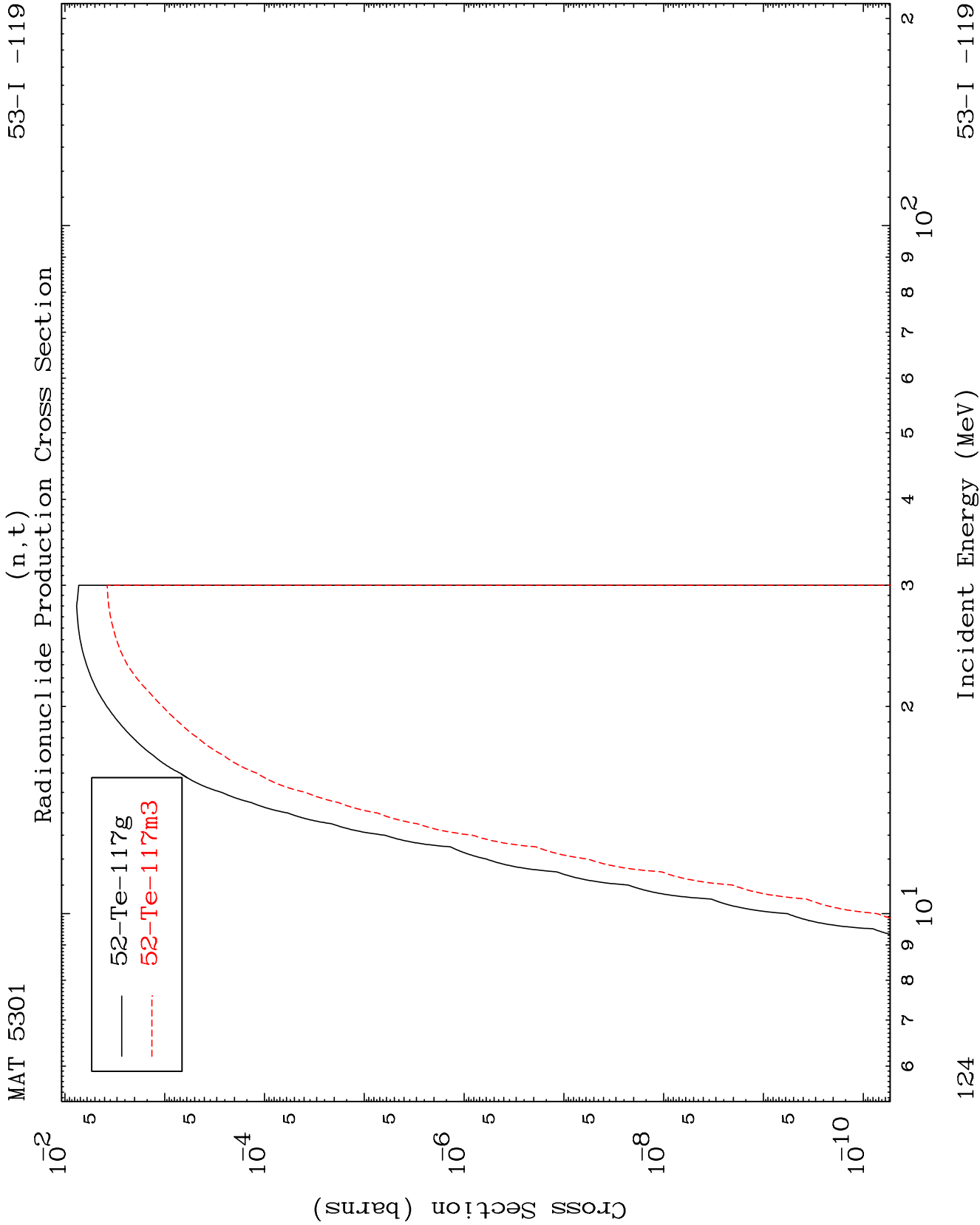
53-I -119

(n,2n) p
Radionuclide Production Cross Section



(n,γ)
Radionuclide Production Cross Section

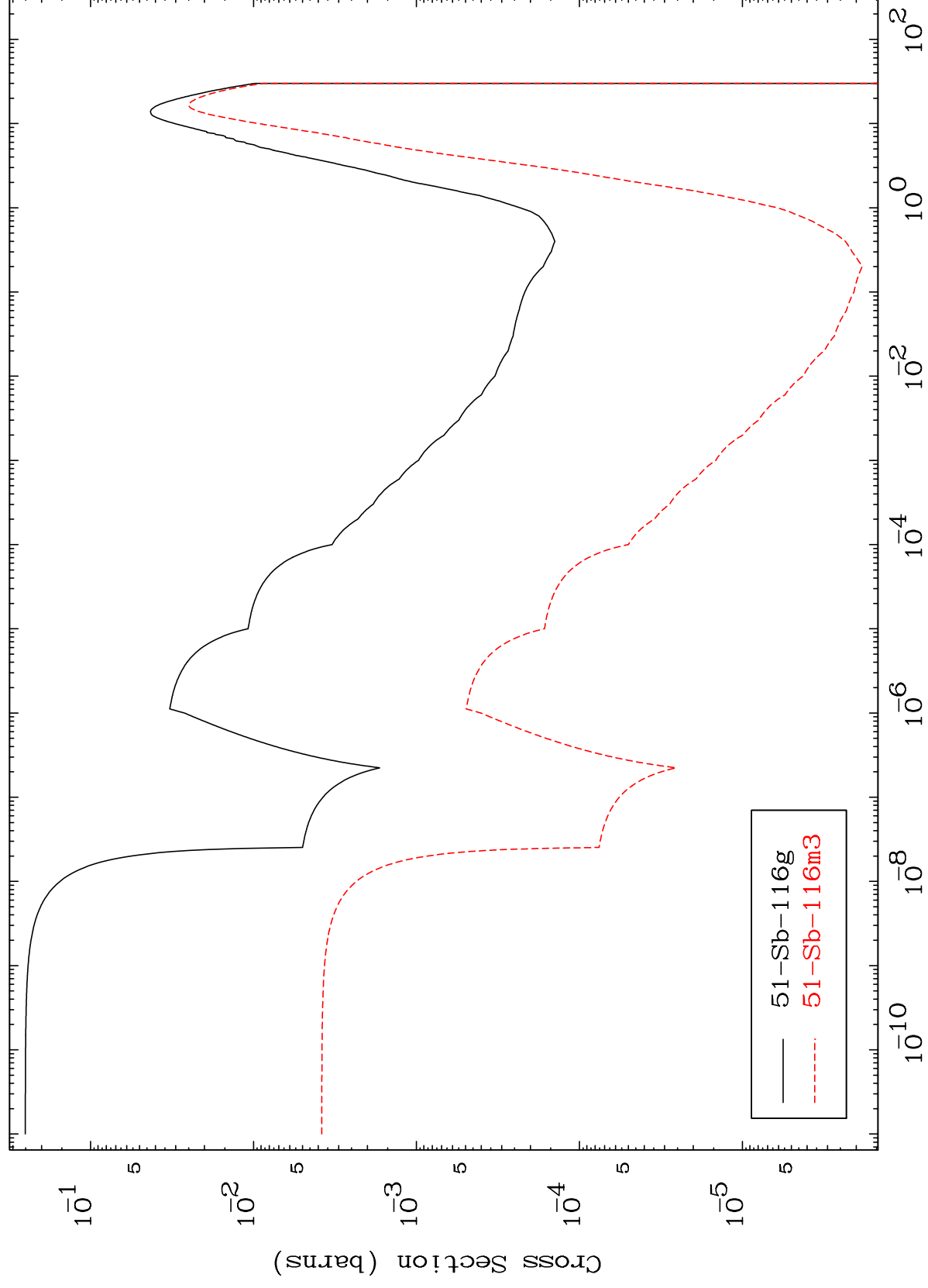
(n,p)
Radionuclide Production Cross Section



MAT 5301

53-I -119

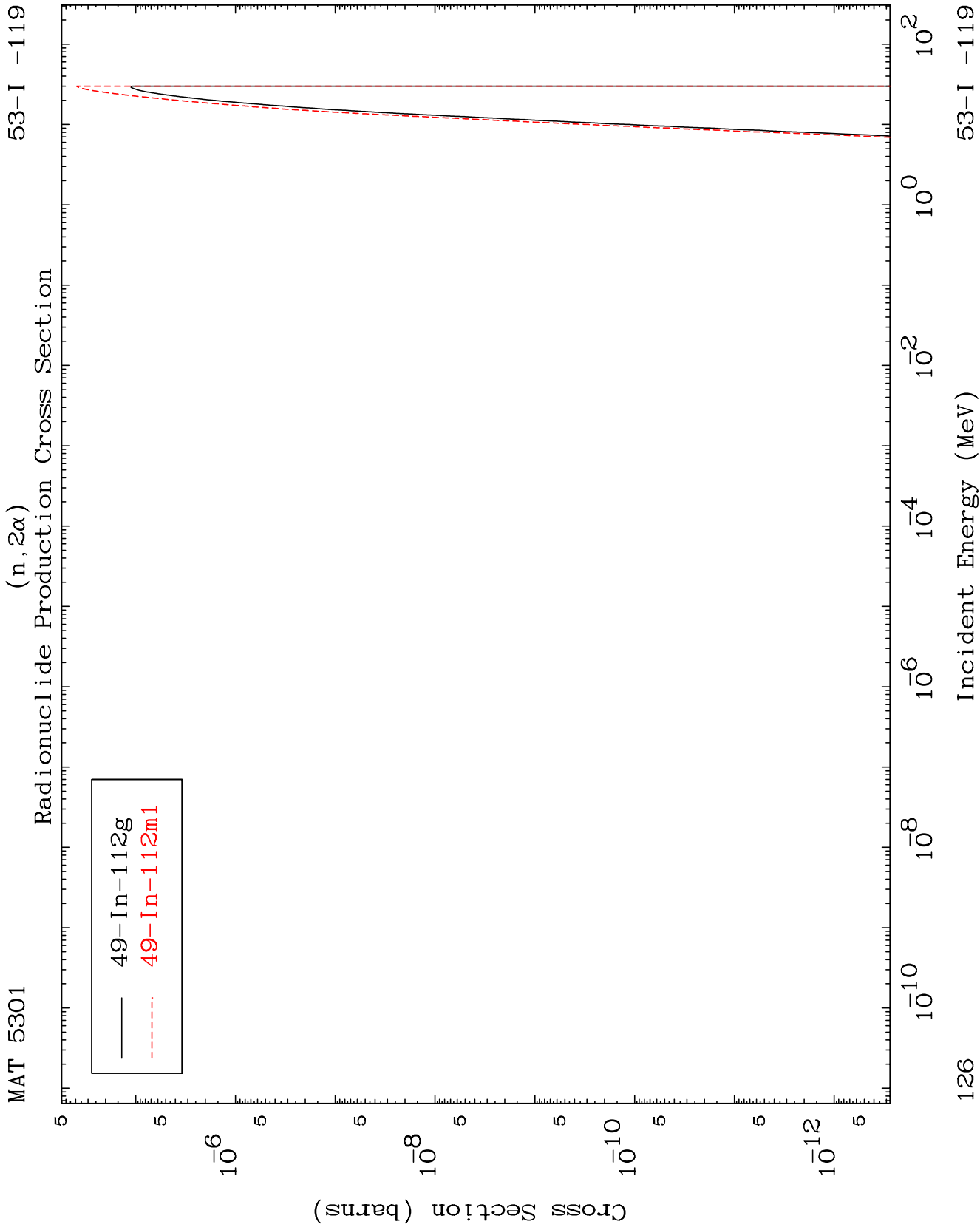
(n, α)
Radionuclide Production Cross Section

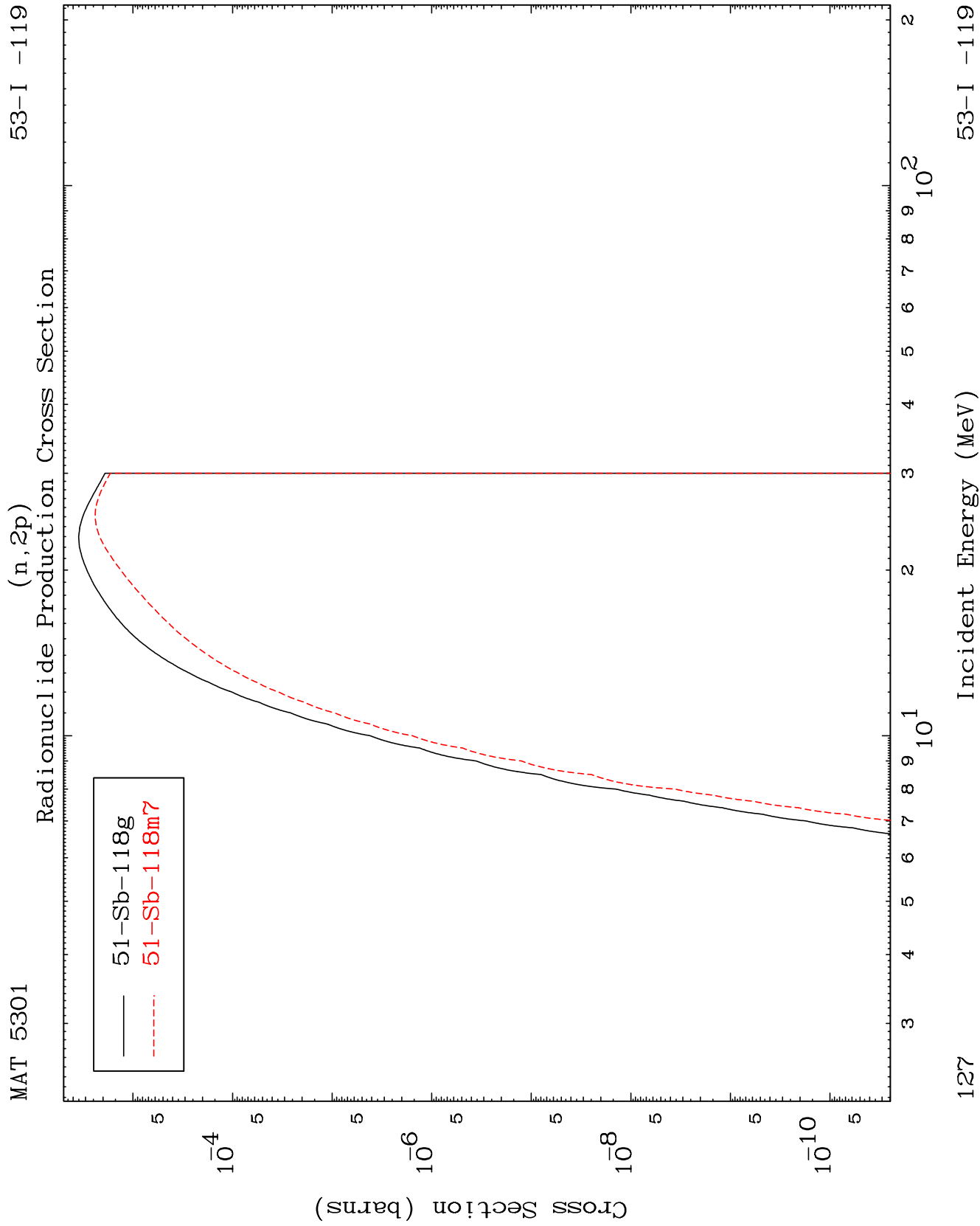


53-I -119

Incident Energy (MeV)

125





Radionuclide Production Cross Section

