

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

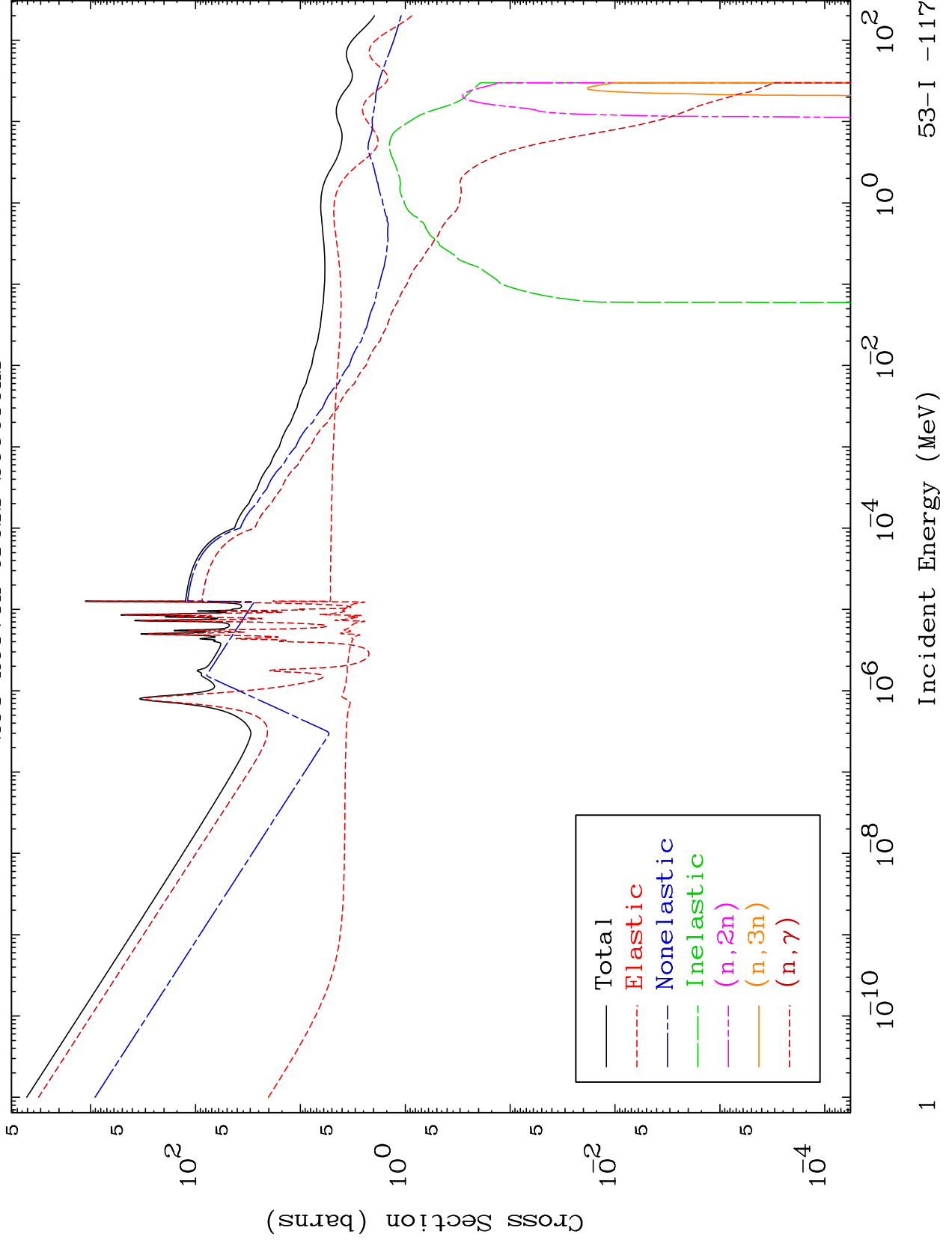
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Press Mouse Button to Start

MAT 5295

Neutron Major
293 Kelvin Cross Sections

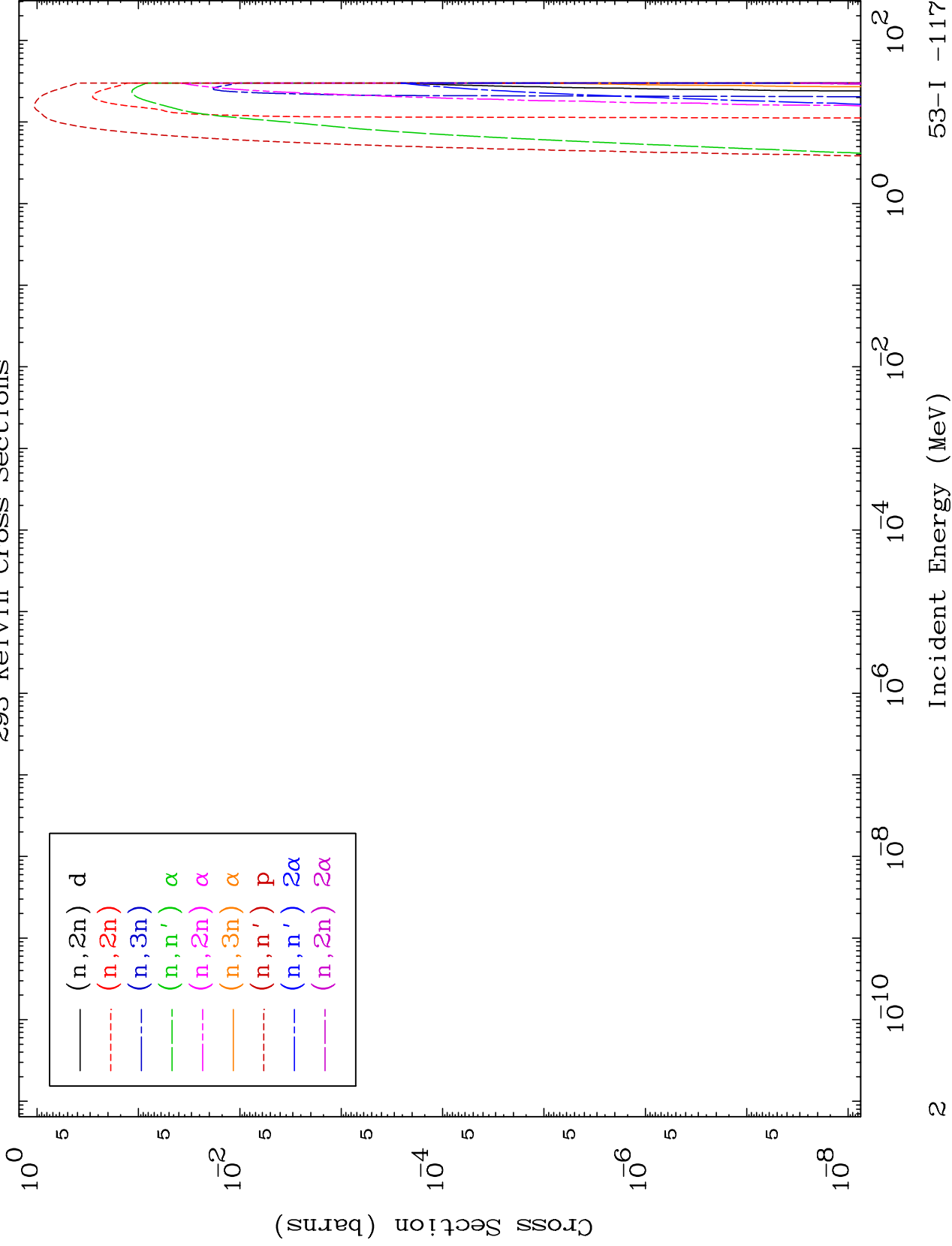
53-I -117

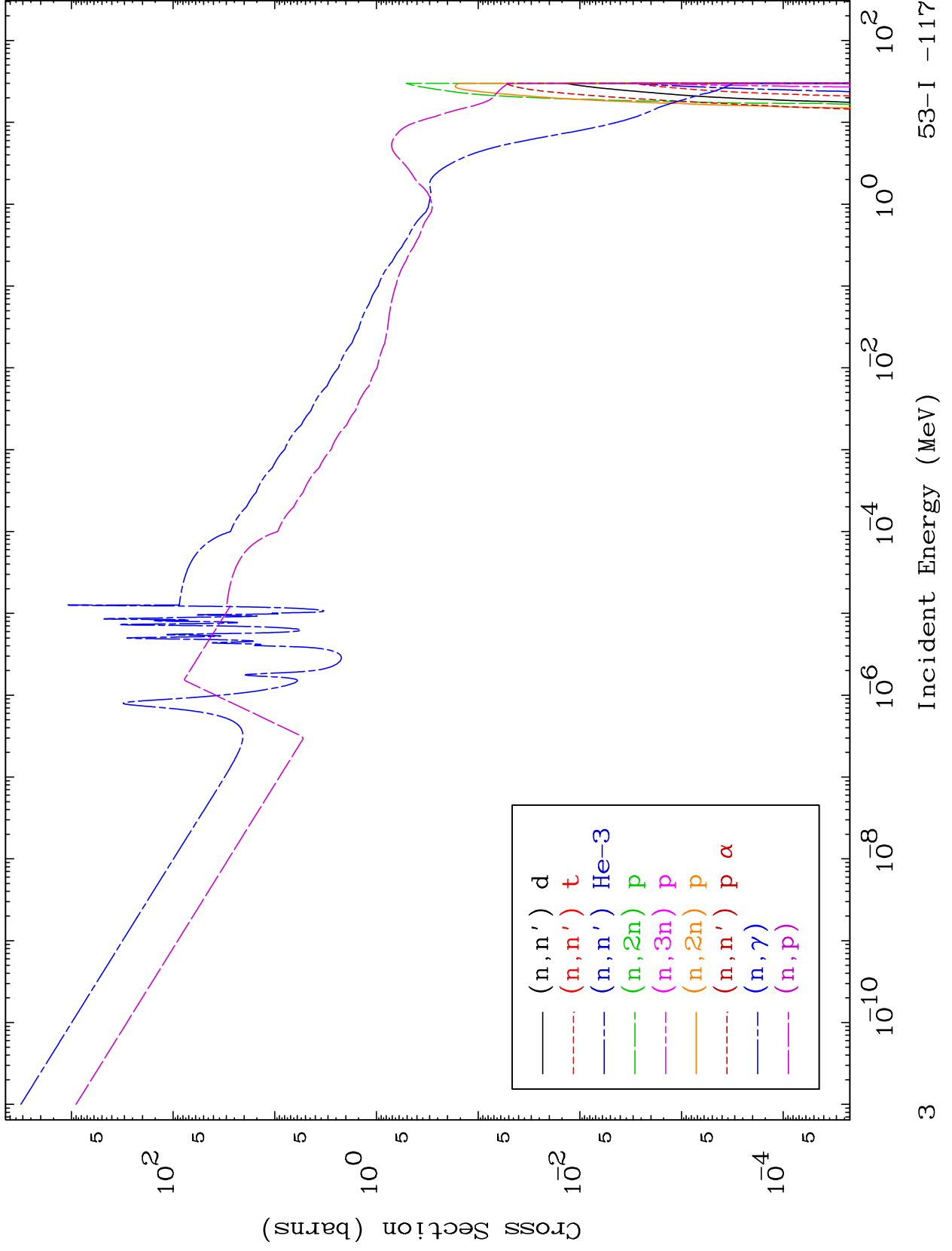


MAT 5295

Neutron Absorption
293 Kelvin Cross Sections

53-I -117

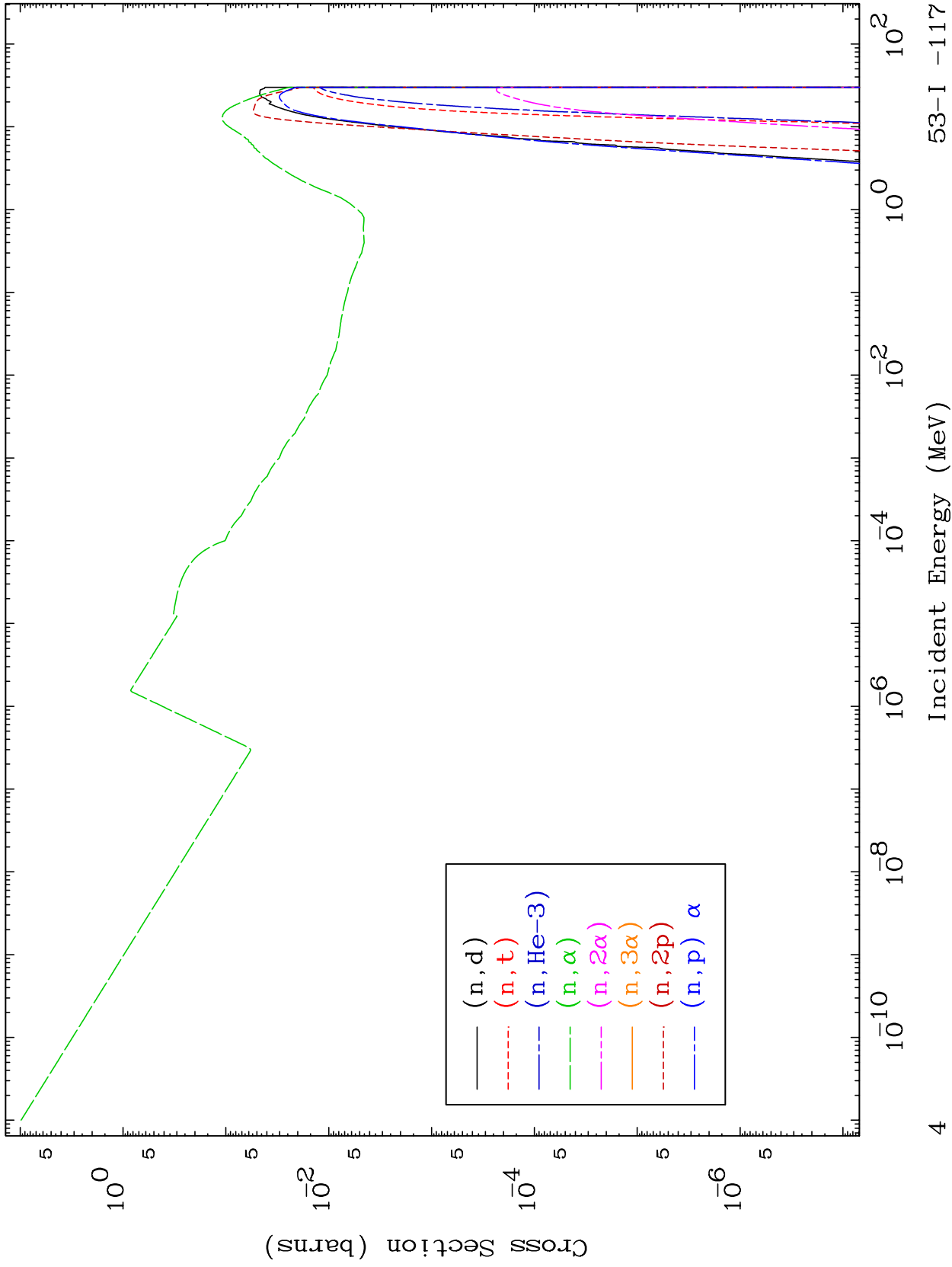


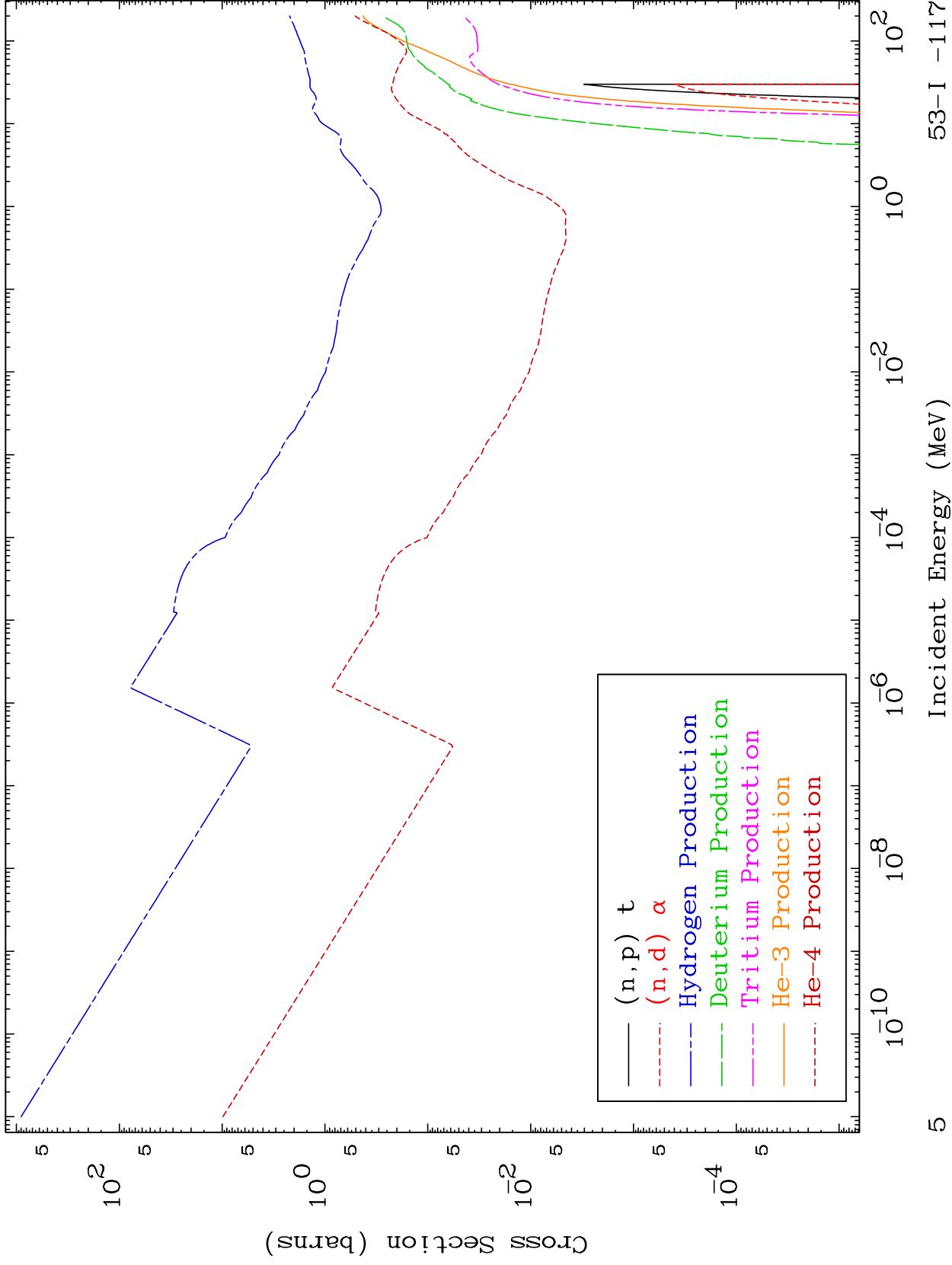


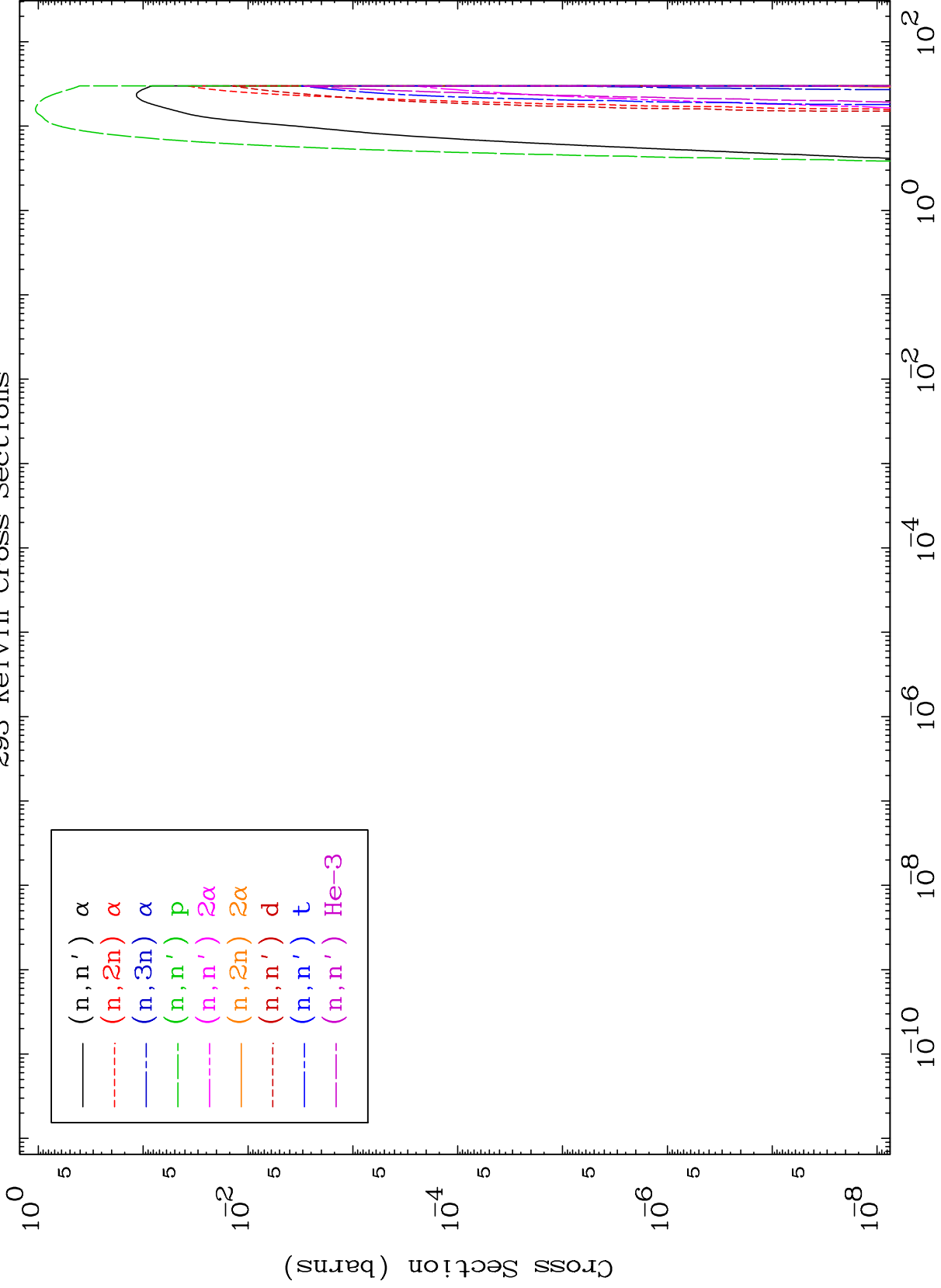
MAT 5295

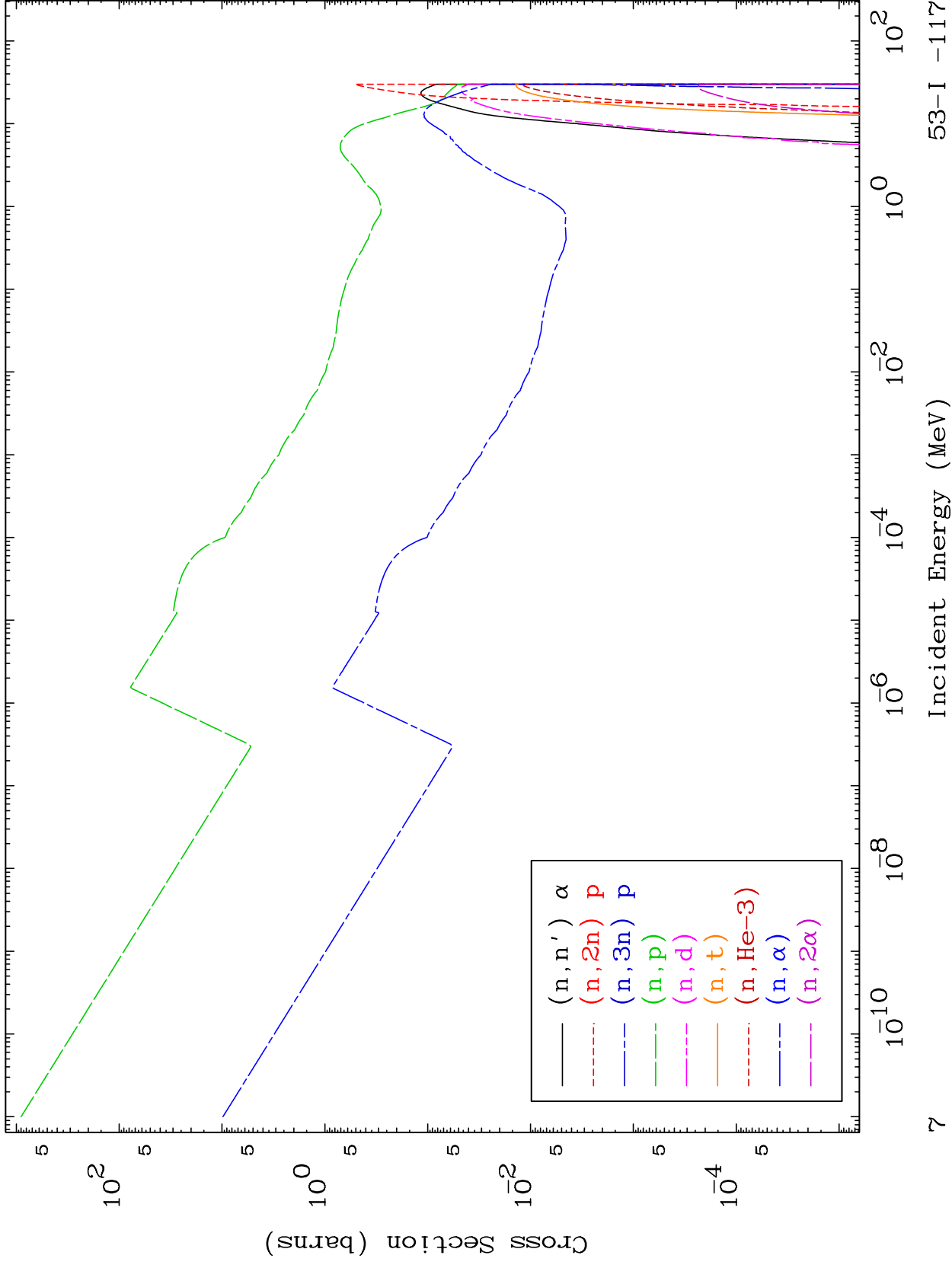
Neutron Absorption
293 Kelvin Cross Sections

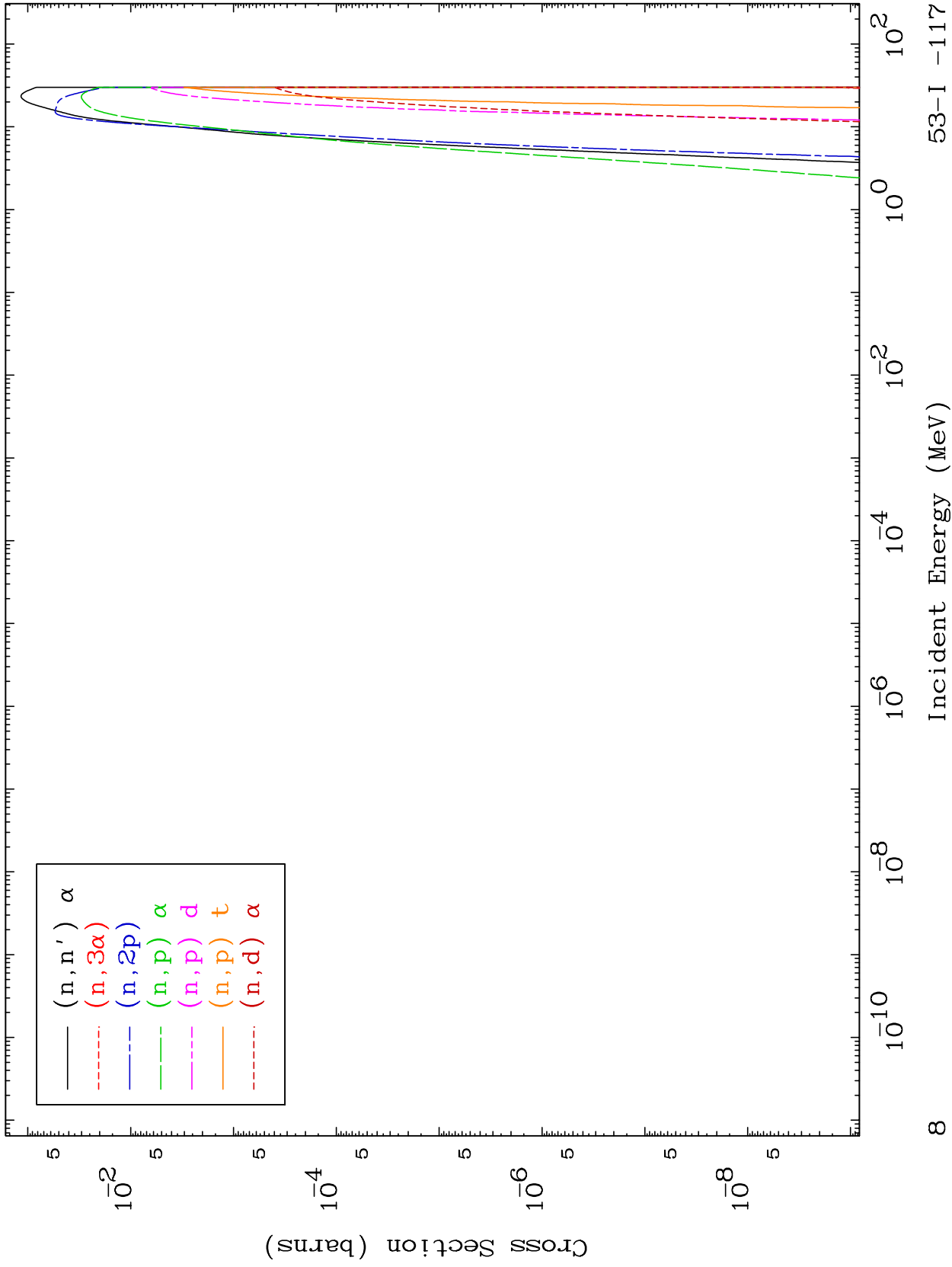
53-I -117

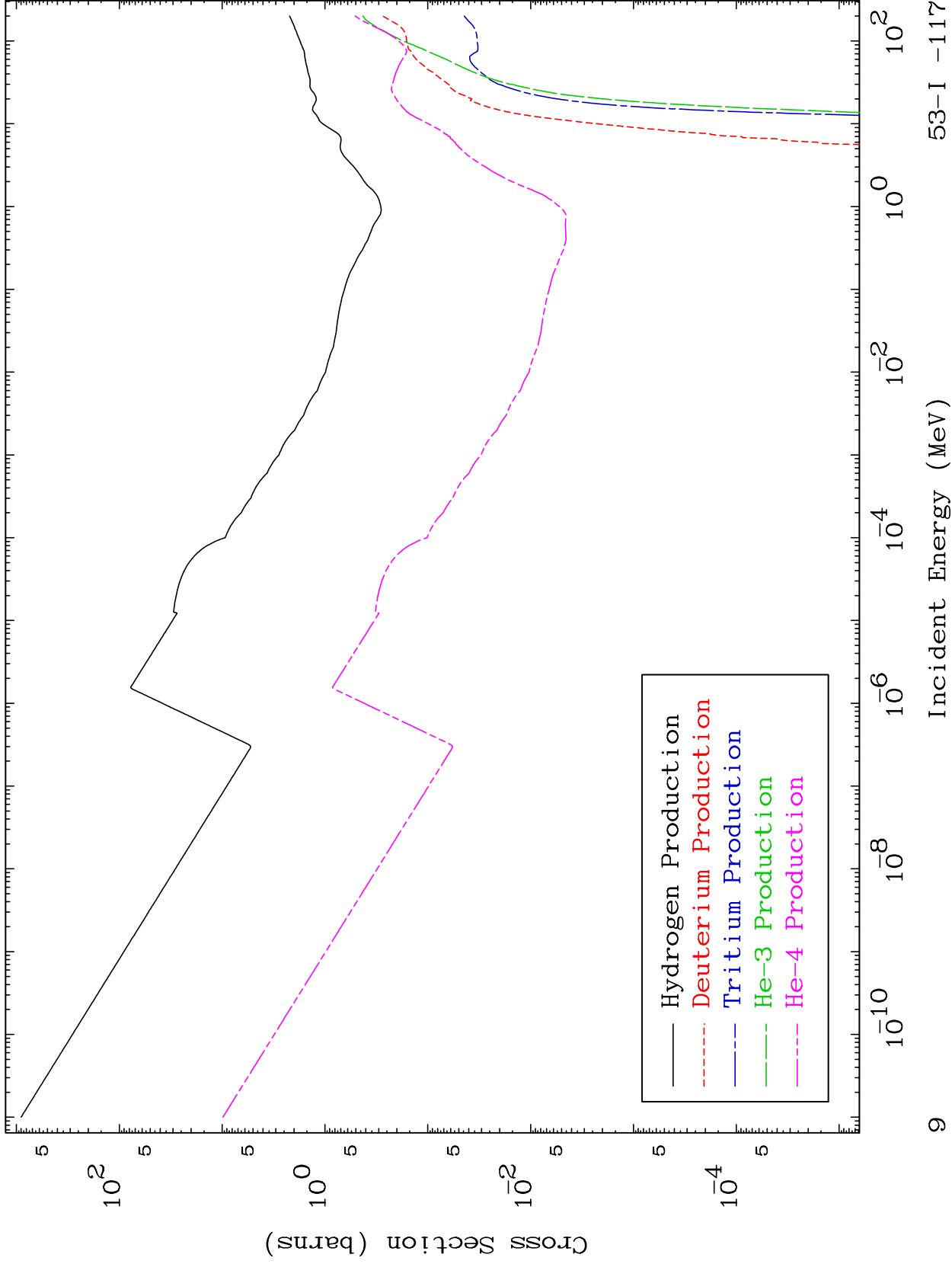


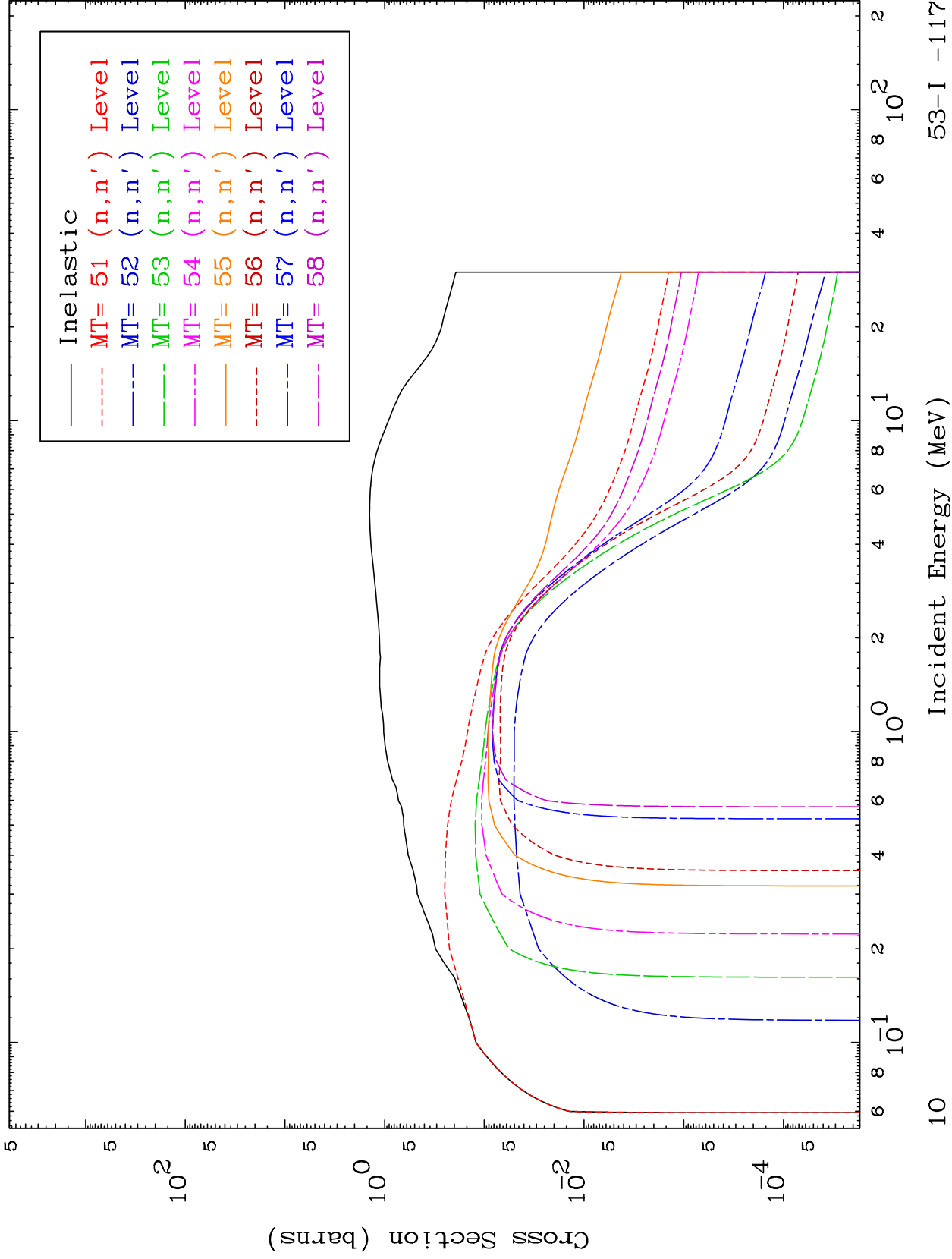


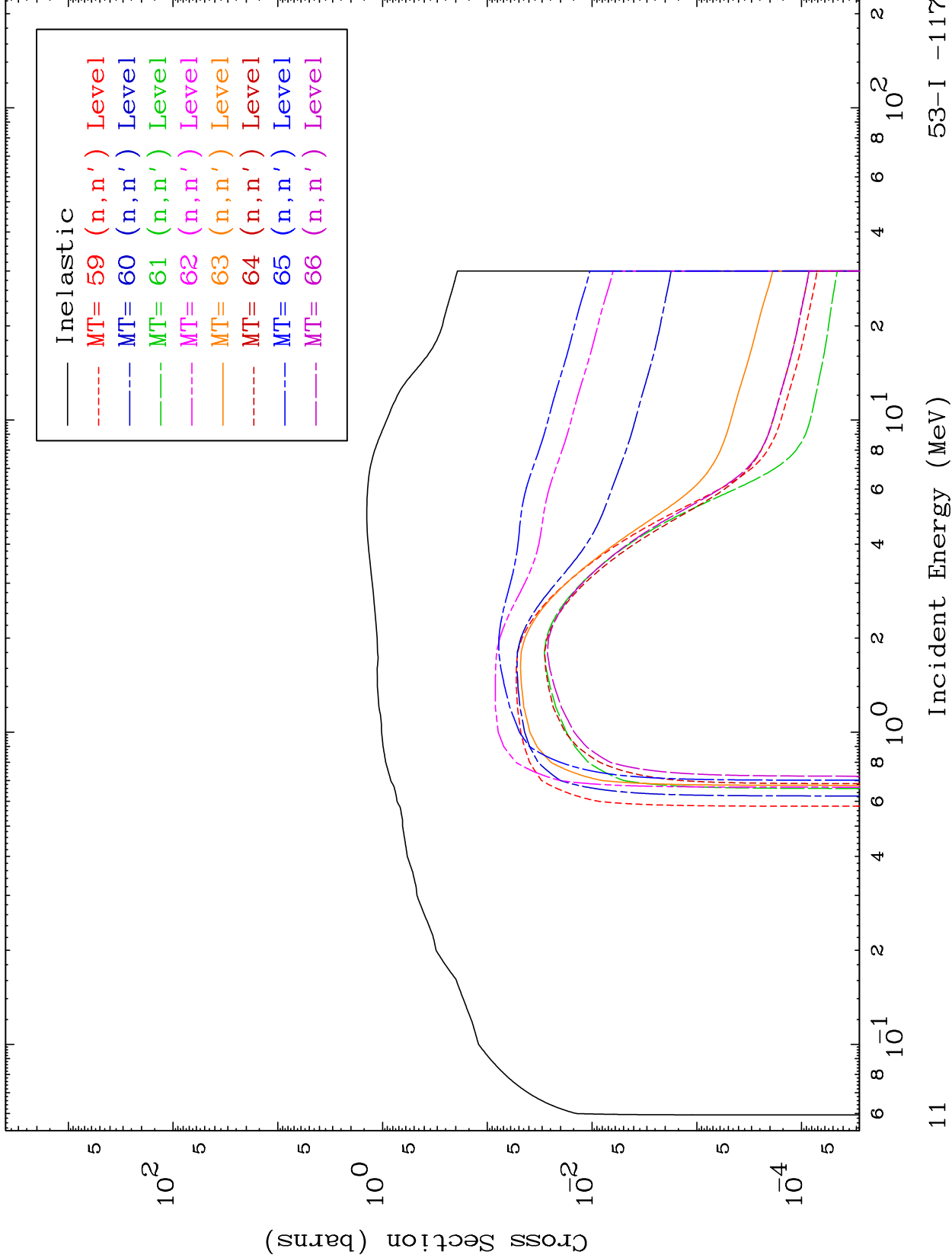


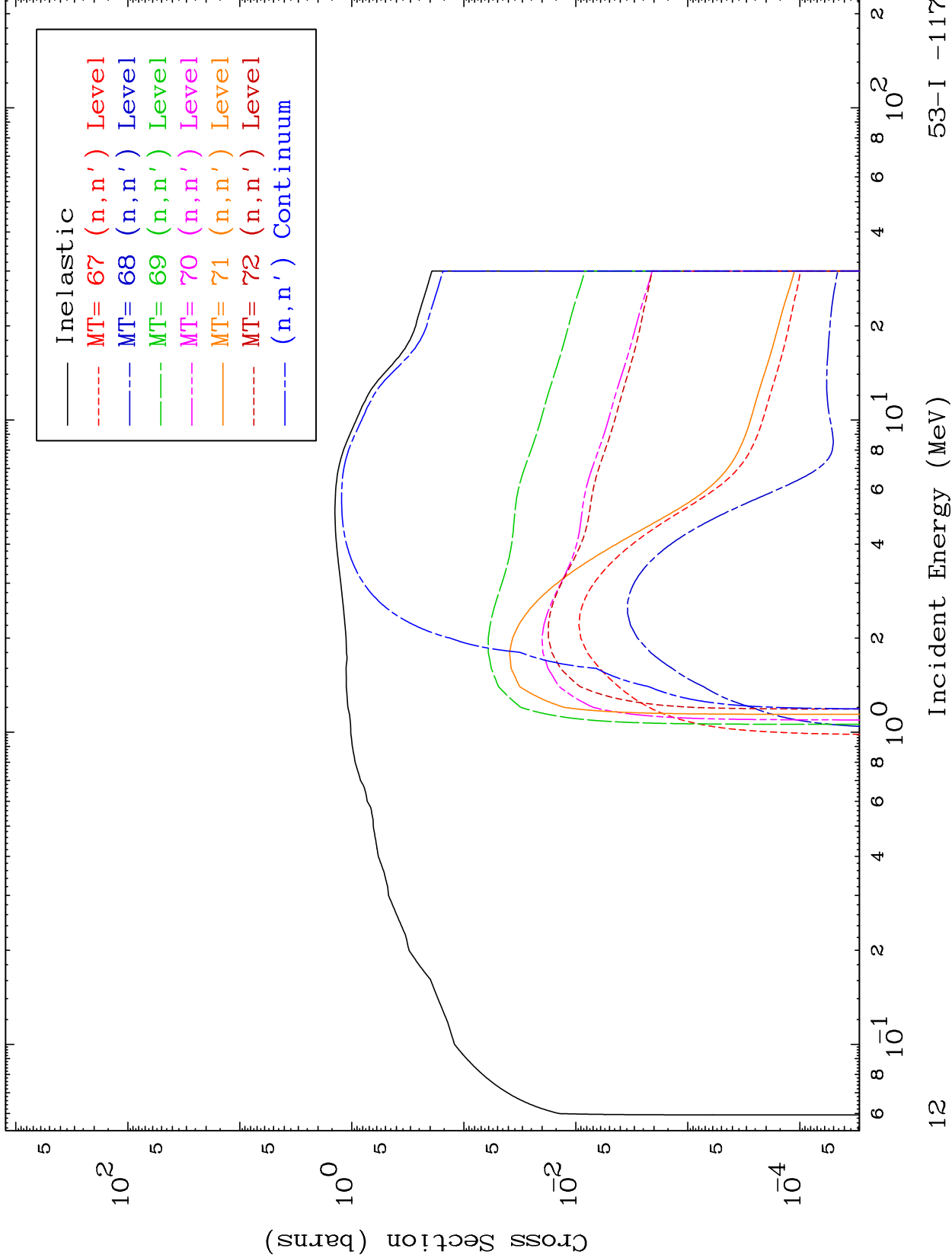


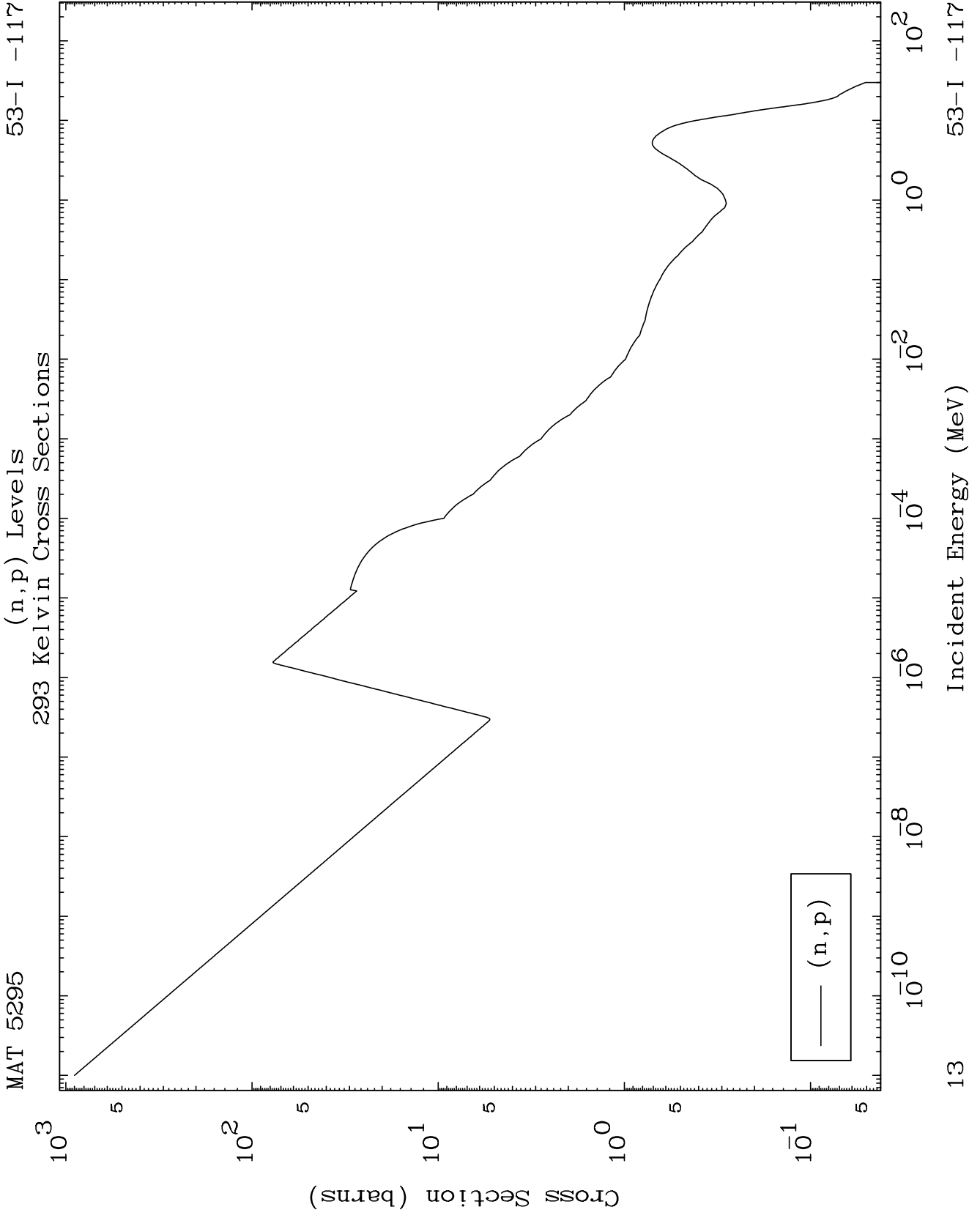








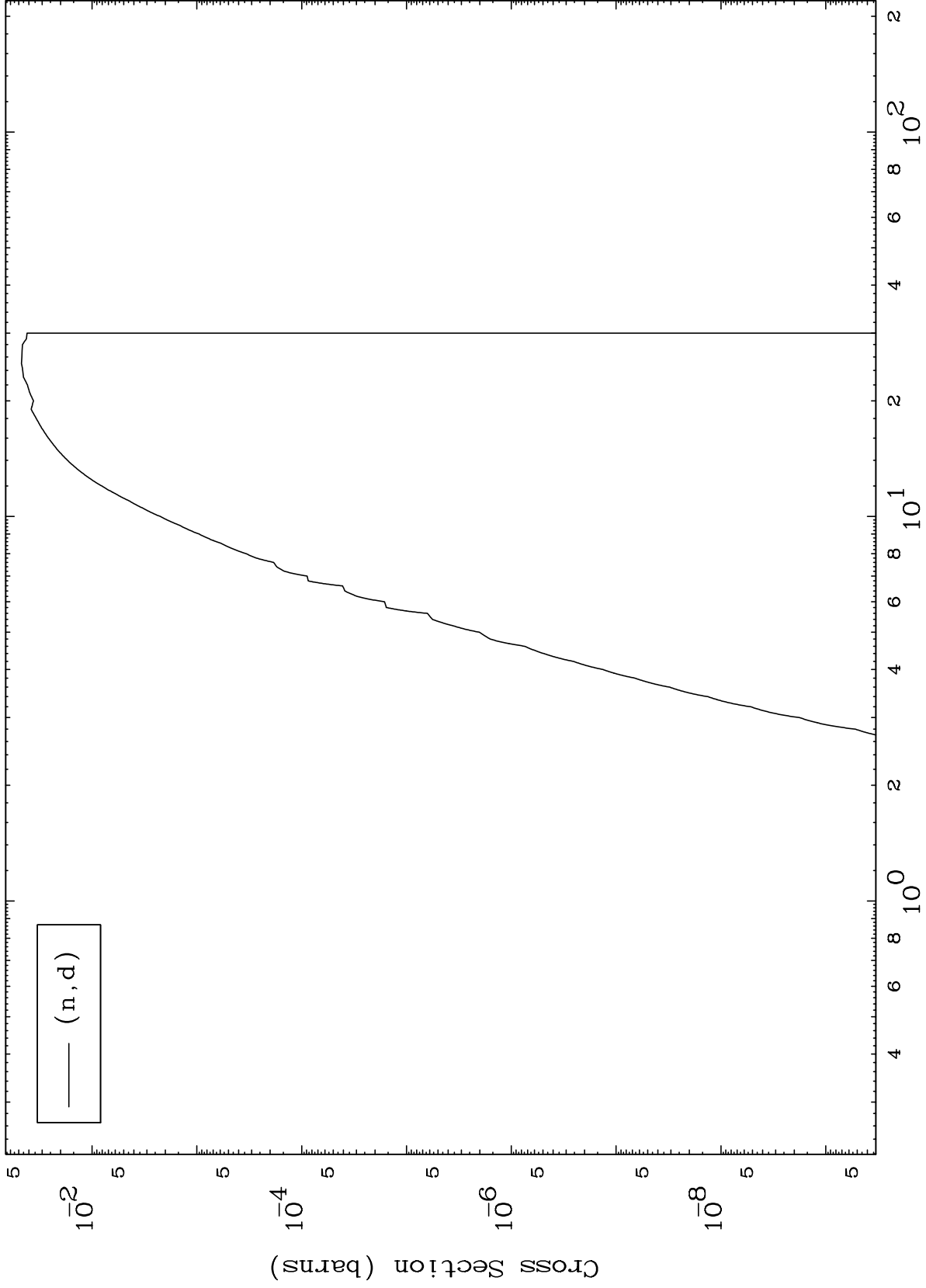




MAT 5295

(n,d) Levels
293 Kelvin Cross Sections

53-I -117



14

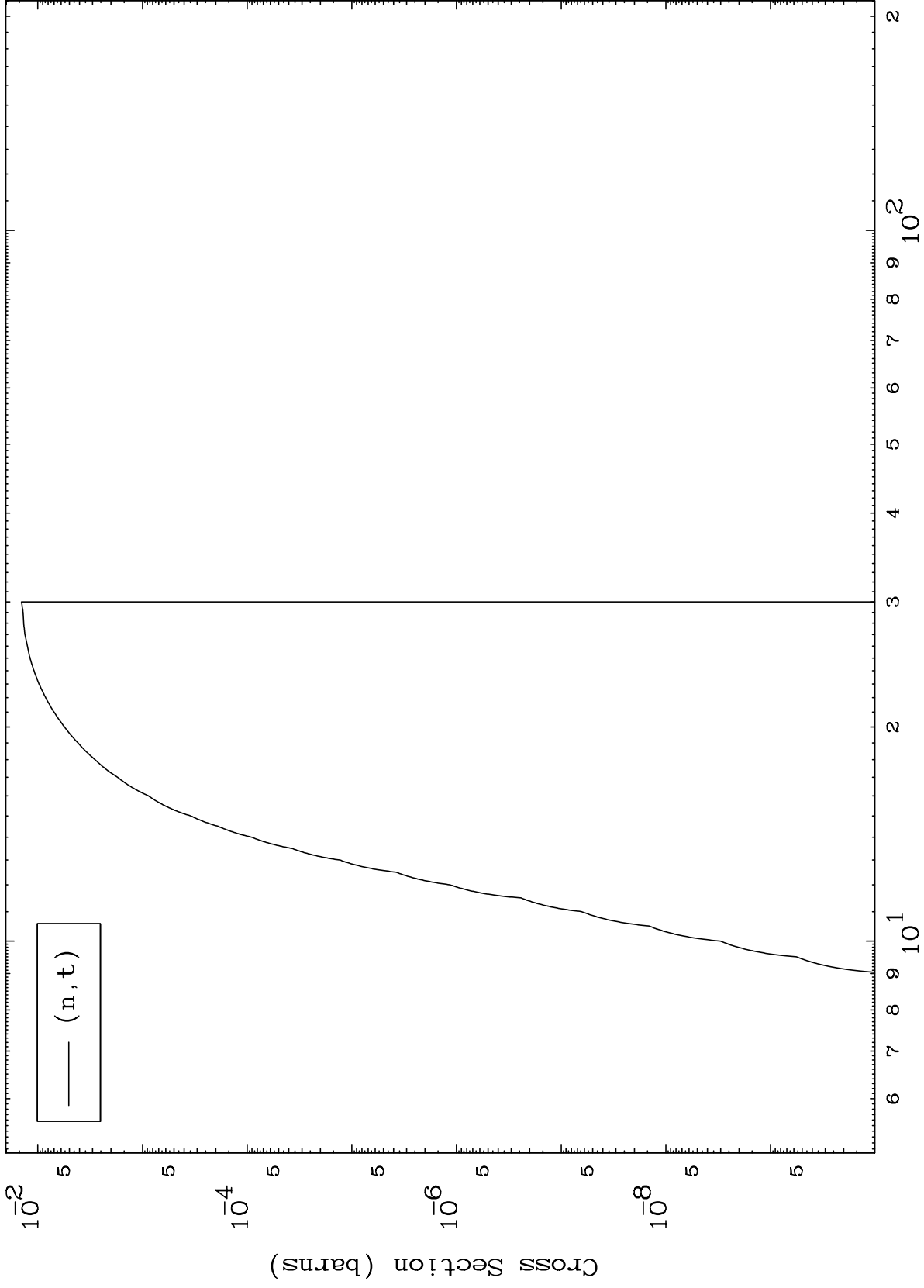
Incident Energy (MeV)

53-I -117

MAT 5295

(n,t) Levels
293 Kelvin Cross Sections

53-I -117



15

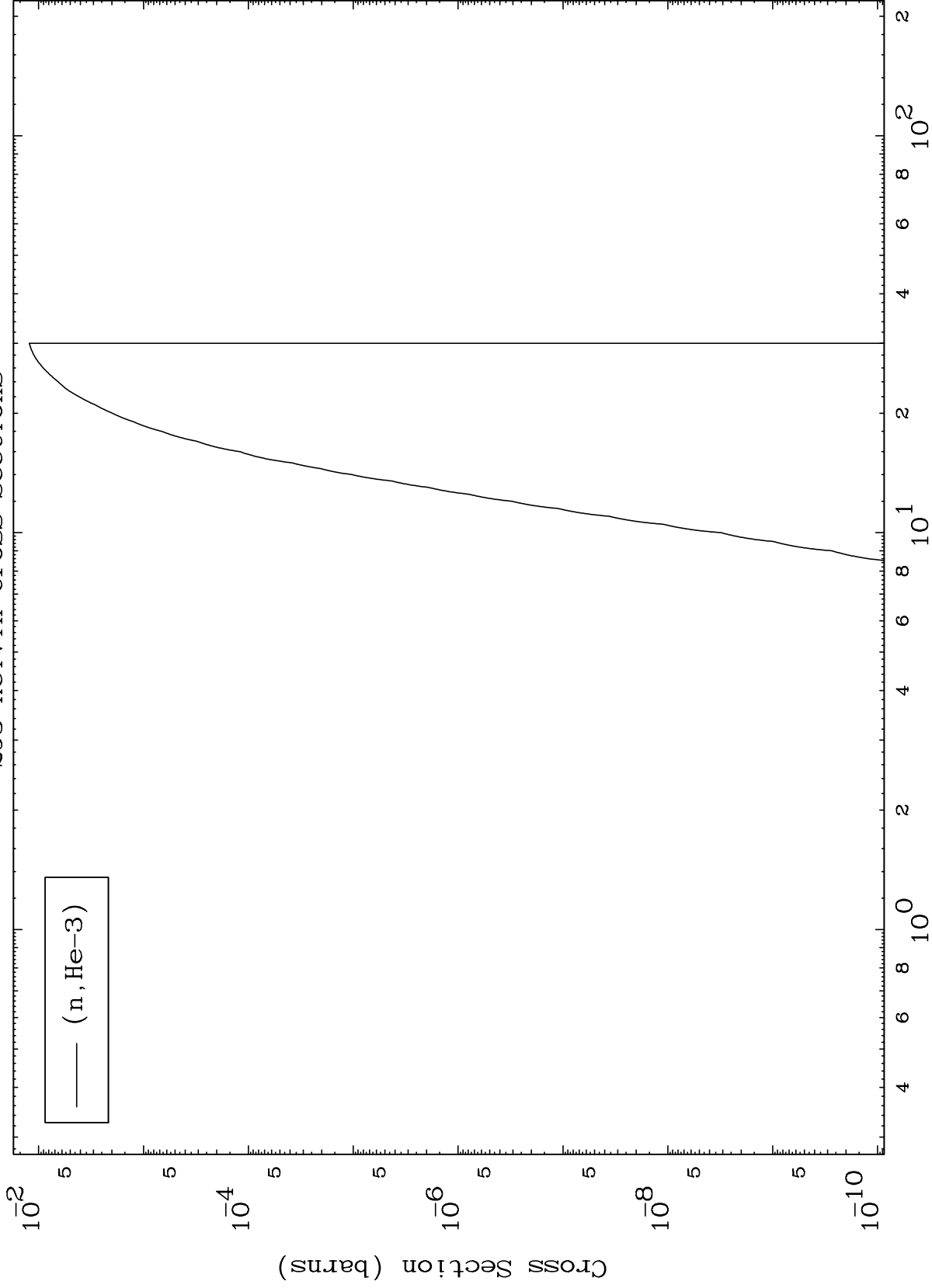
Incident Energy (MeV)

53-I -117

MAT 5295

(n,He3) Levels
293 Kelvin Cross Sections

53-I -117



16

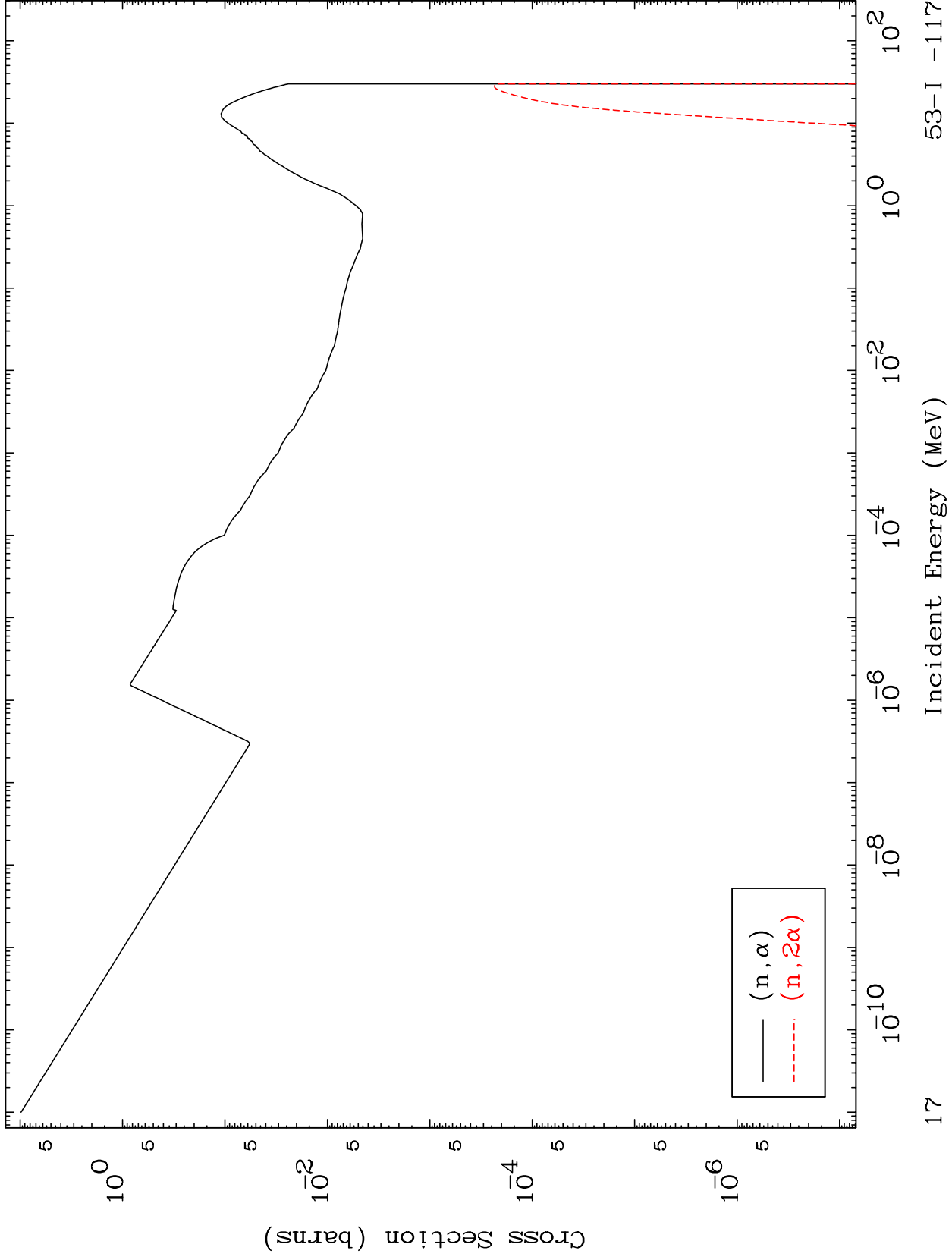
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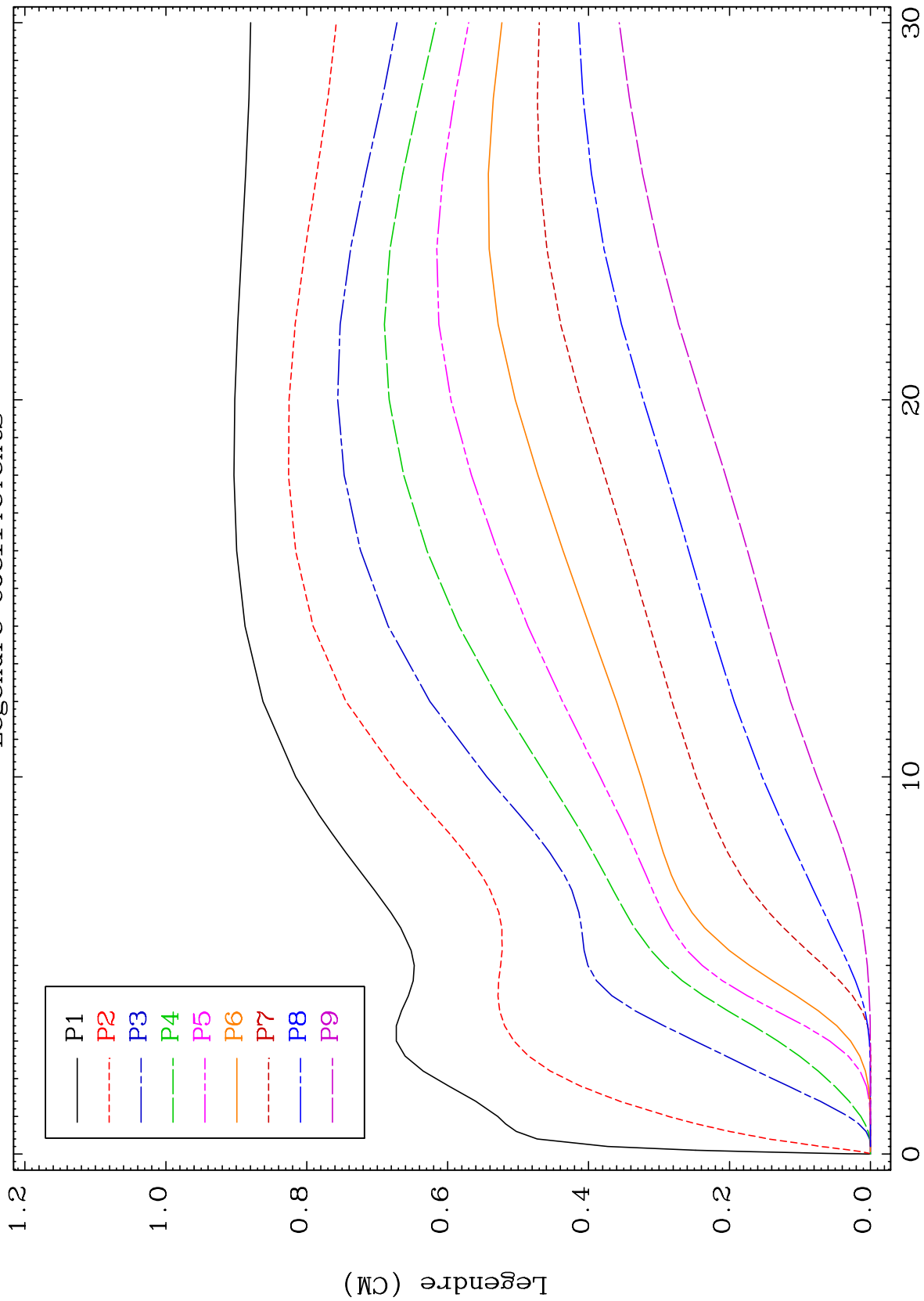
53-I -117

MAT 5295

(n,α) Levels
293 Kelvin Cross Sections

53-I -117

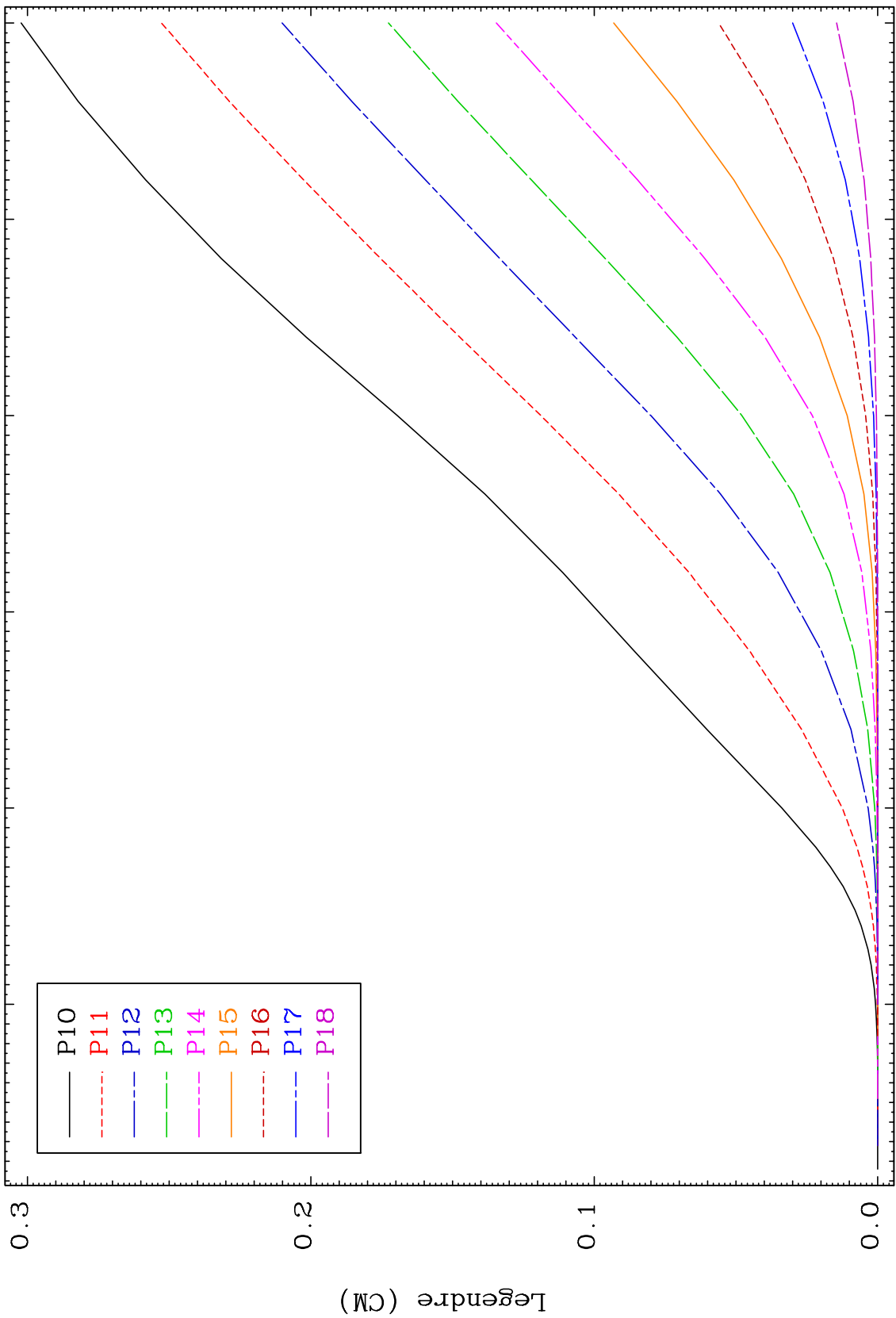




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Elastic Legendre Coefficients

53-I -117



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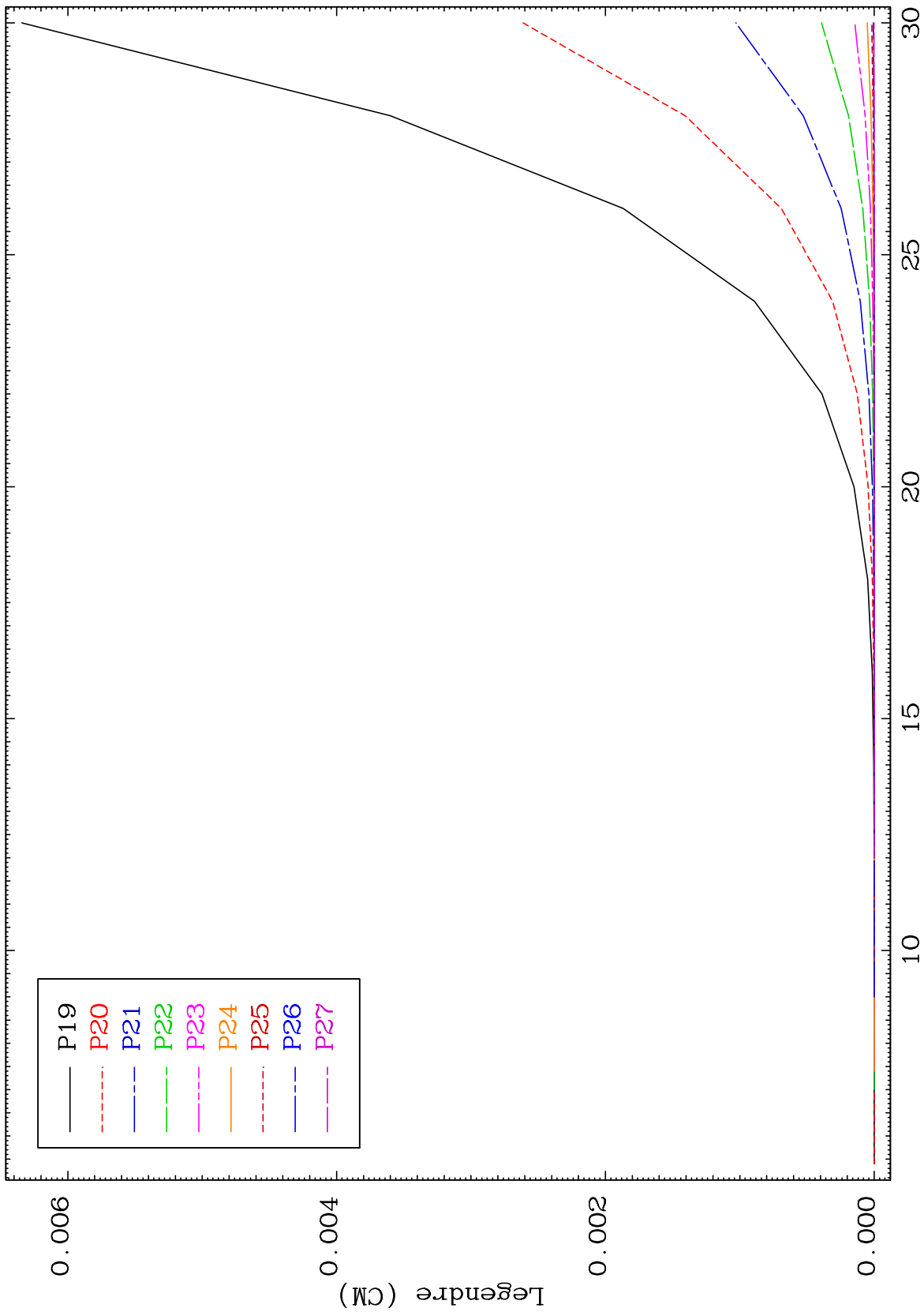
Incident Energy (MeV)

53-I -117

MAT 5295

Elastic Legendre Coefficients

53-I -117



20

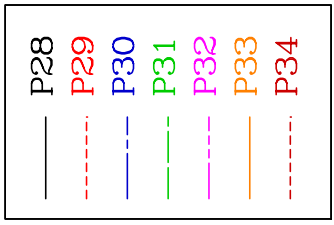
Incident Energy (MeV)

53-I -117

MAT 5295

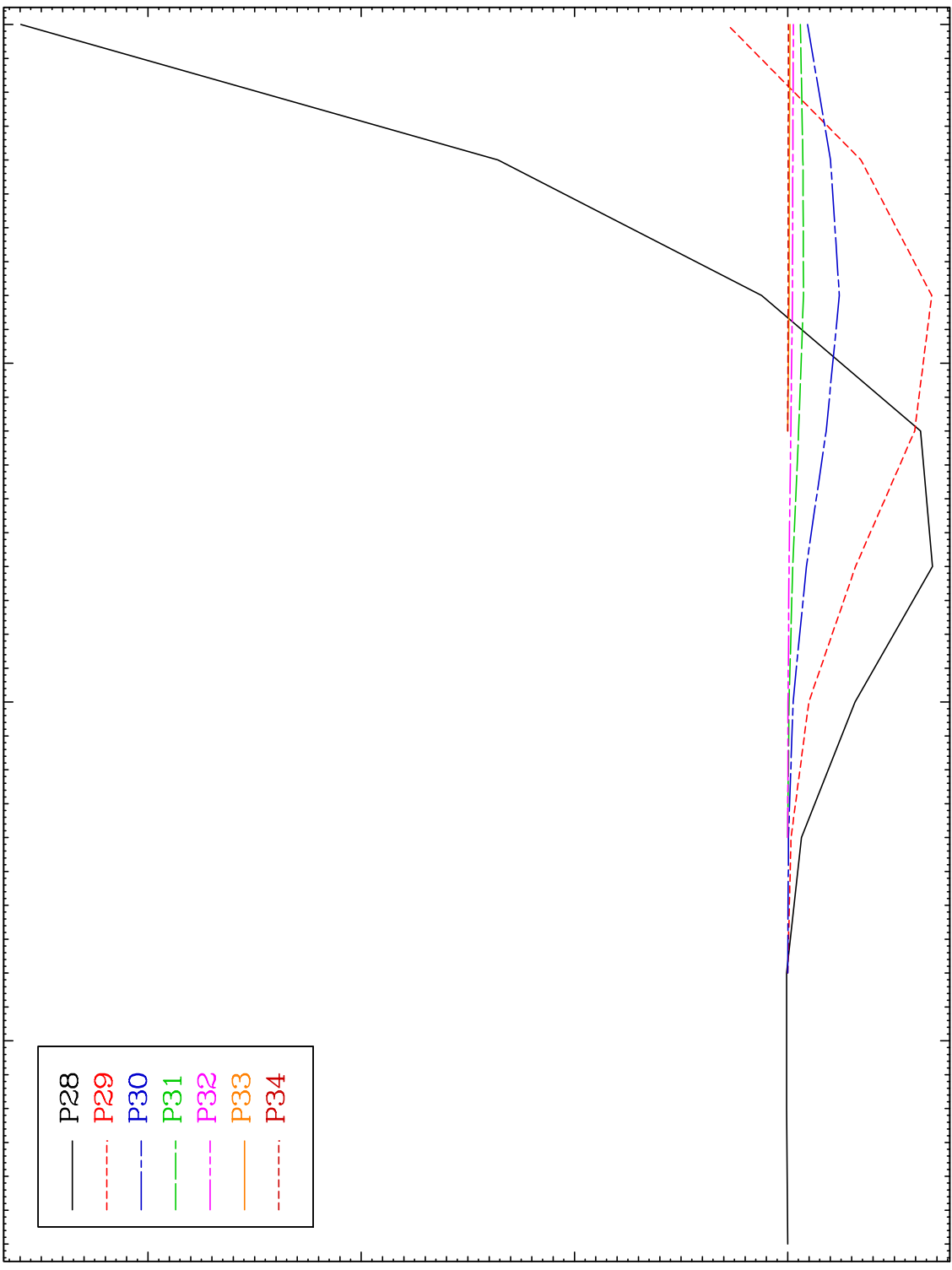
Elastic Legendre Coefficients

53-I -117



$\times 10^{-7}$

Legendre (CM)



15

20

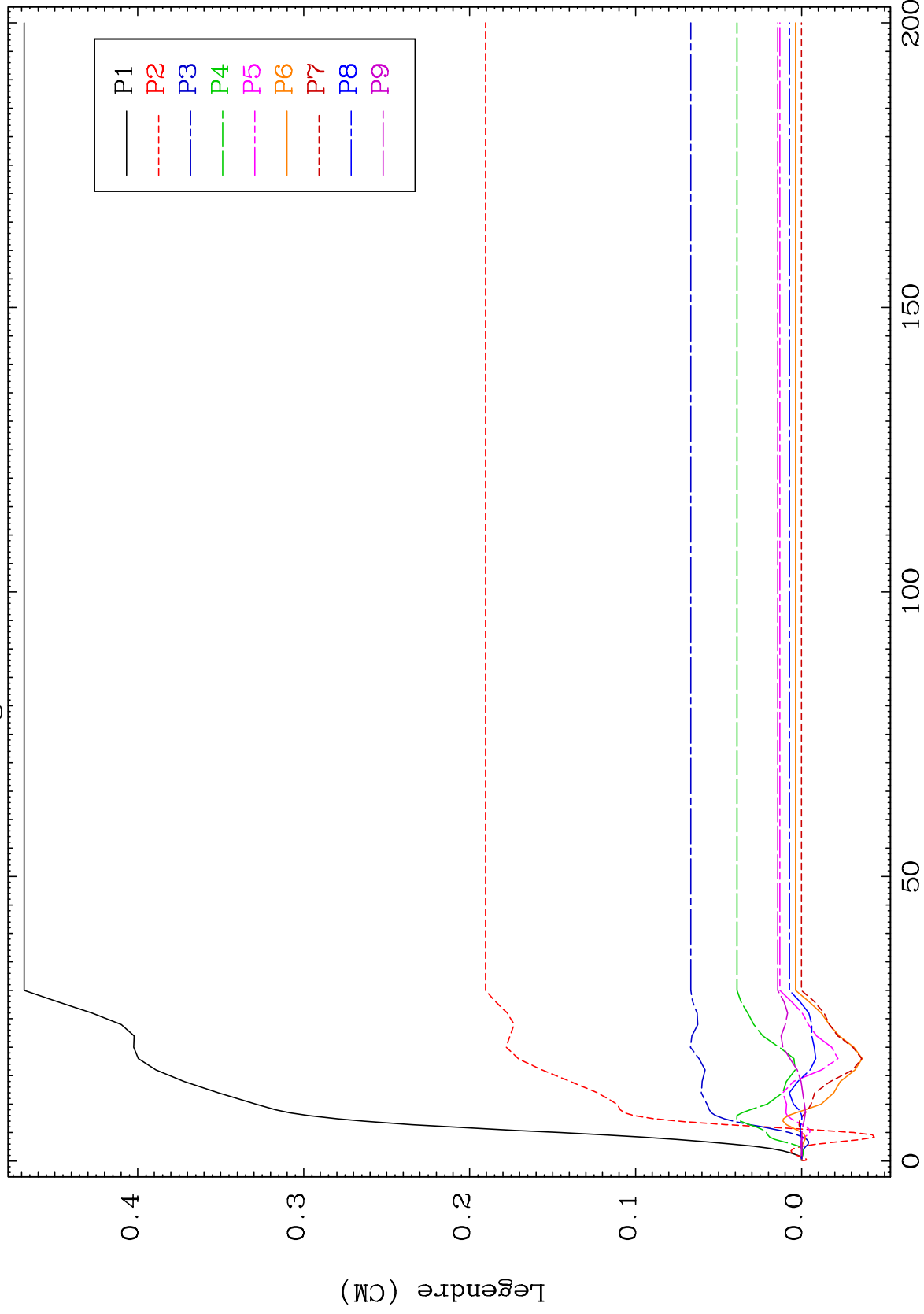
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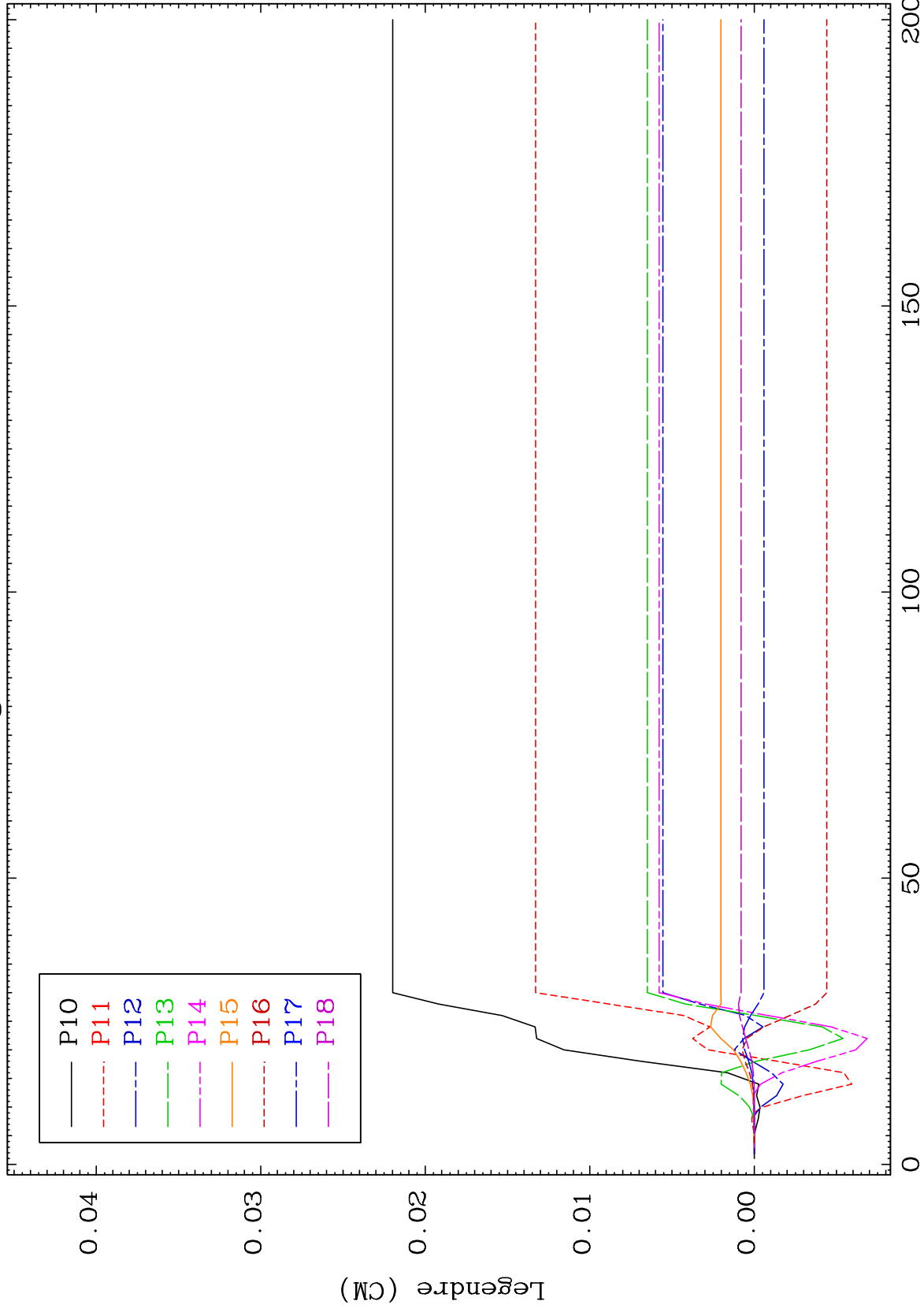
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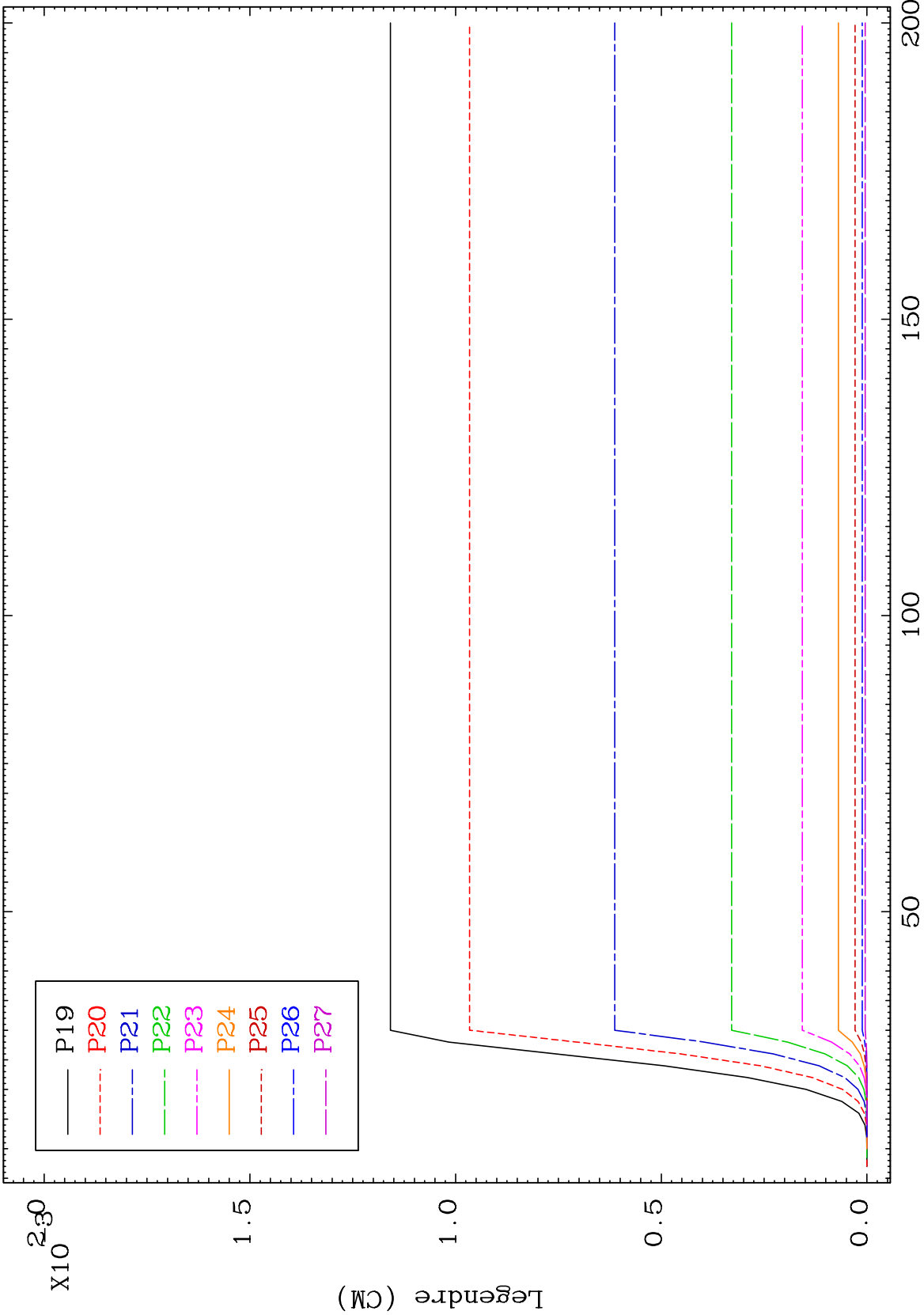
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Incident Energy (MeV)

53-I -117



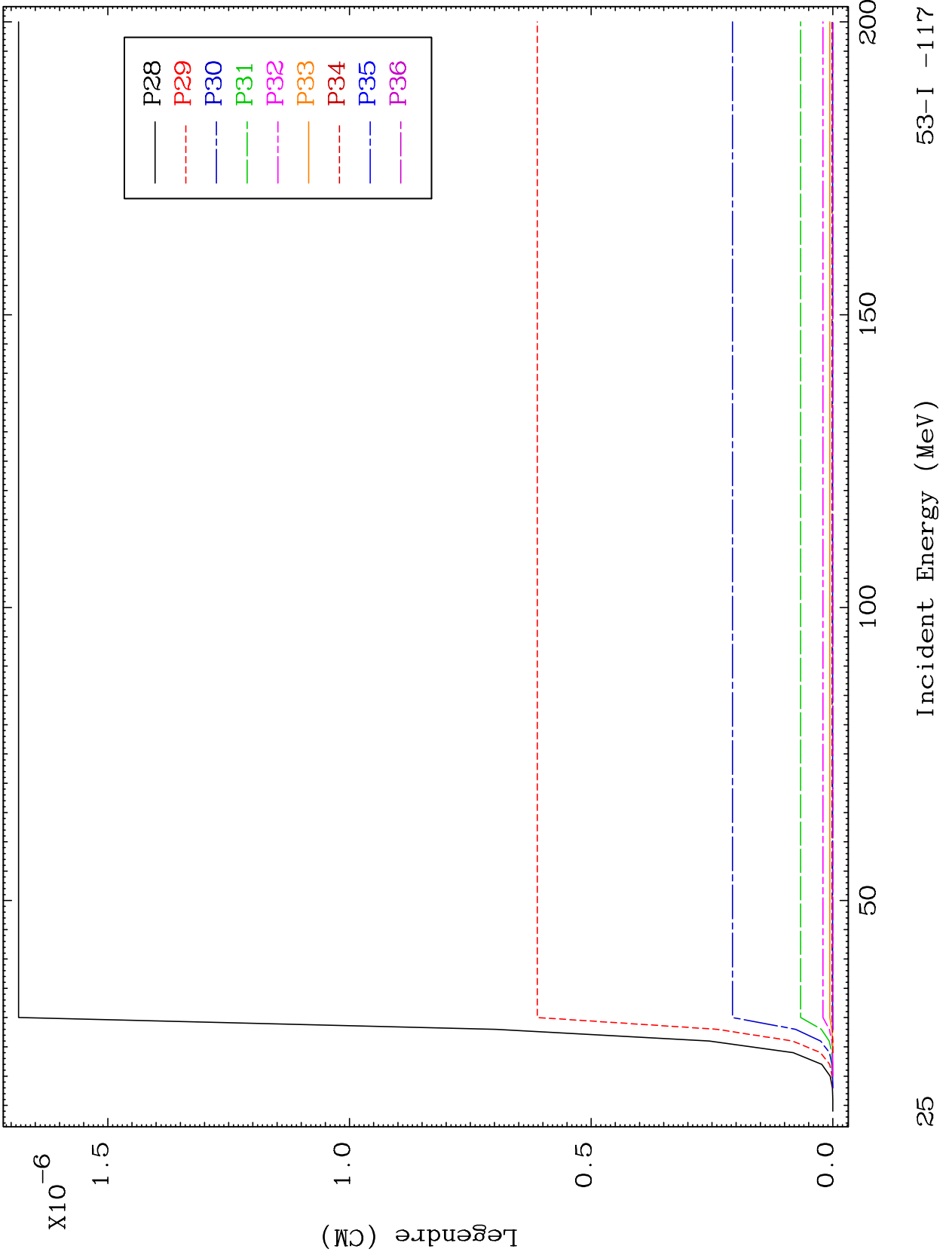




MAT 5295

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

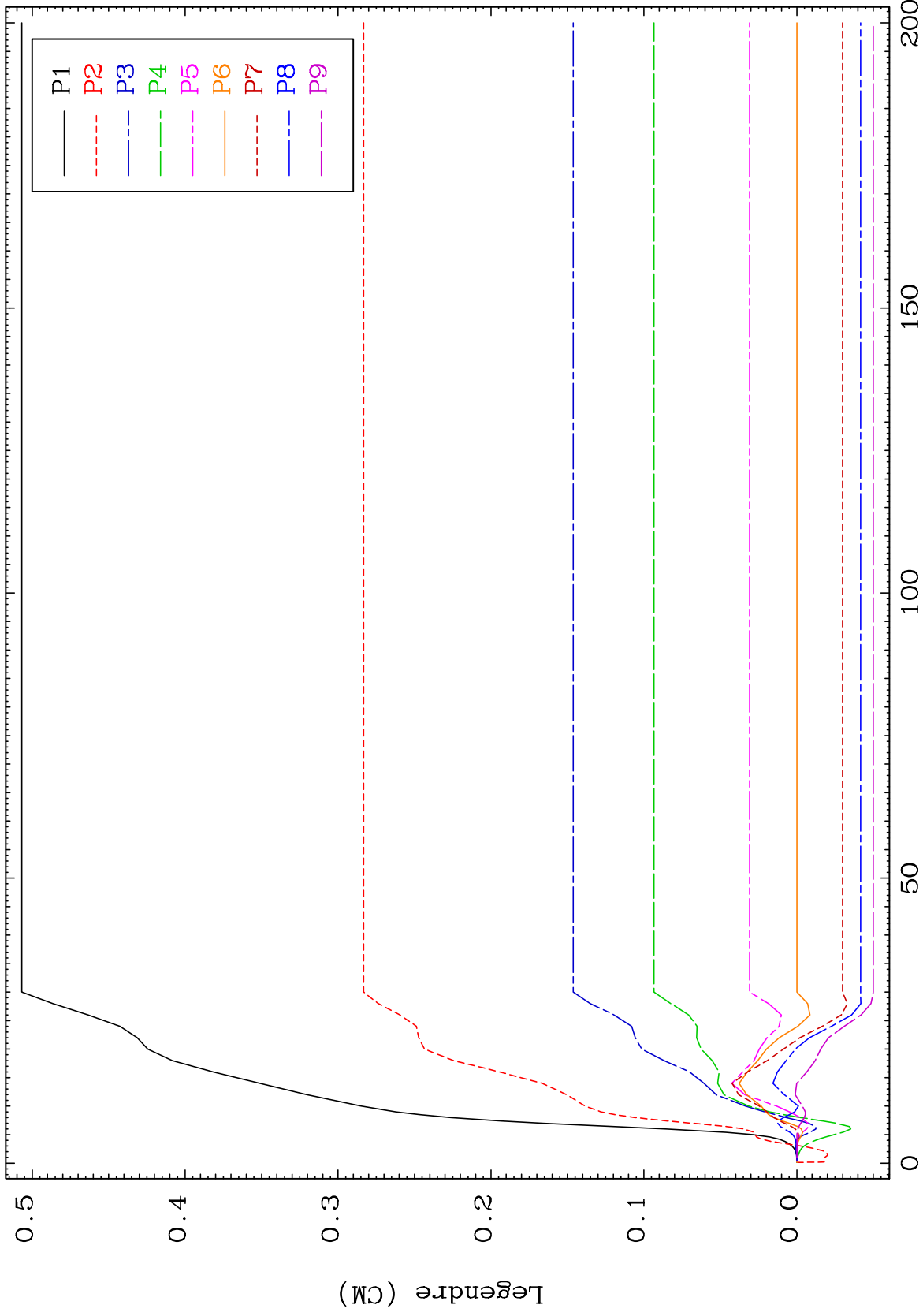
53-I -117



25

Incident Energy (MeV)

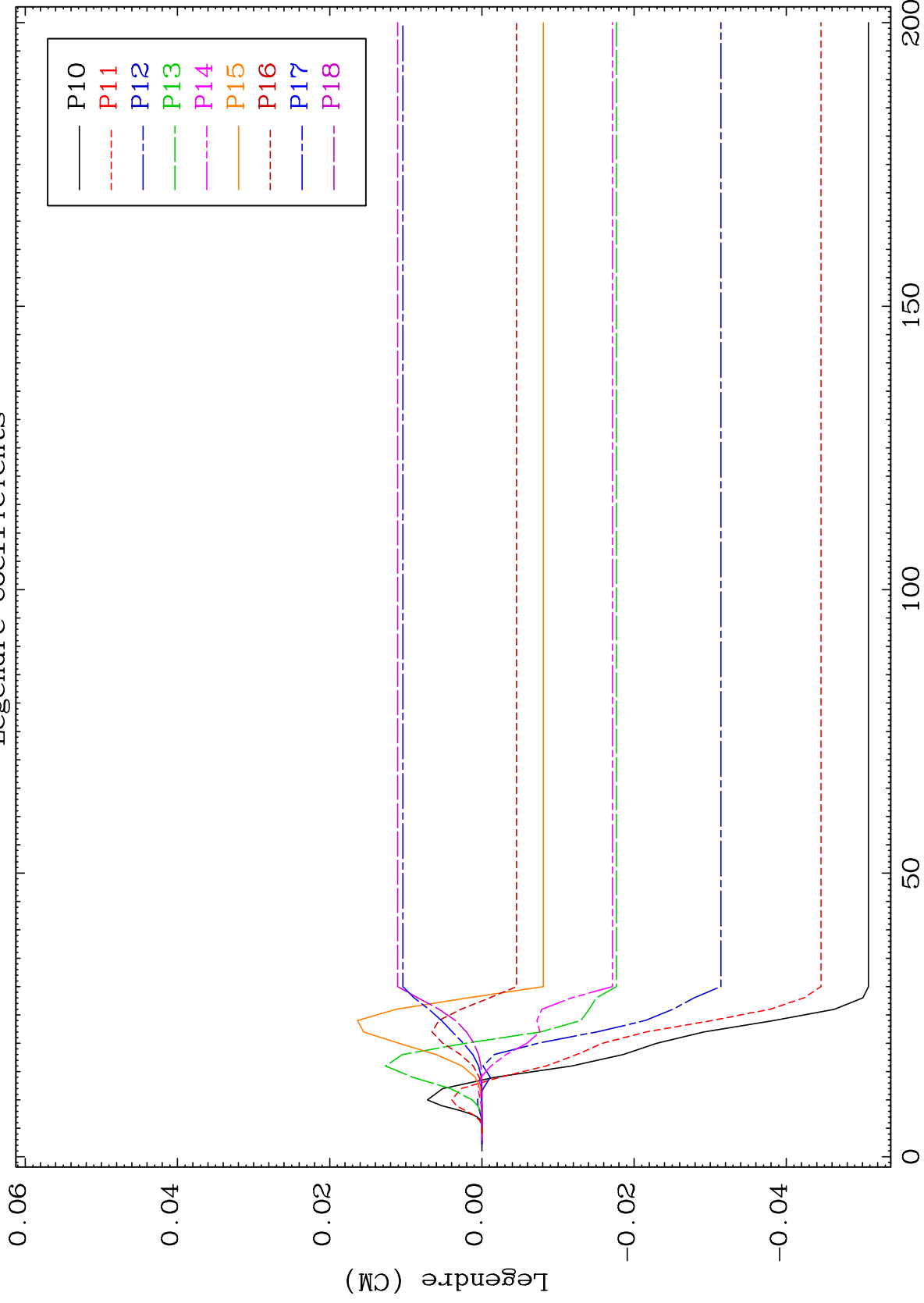
53-I -117



MAT 5295

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

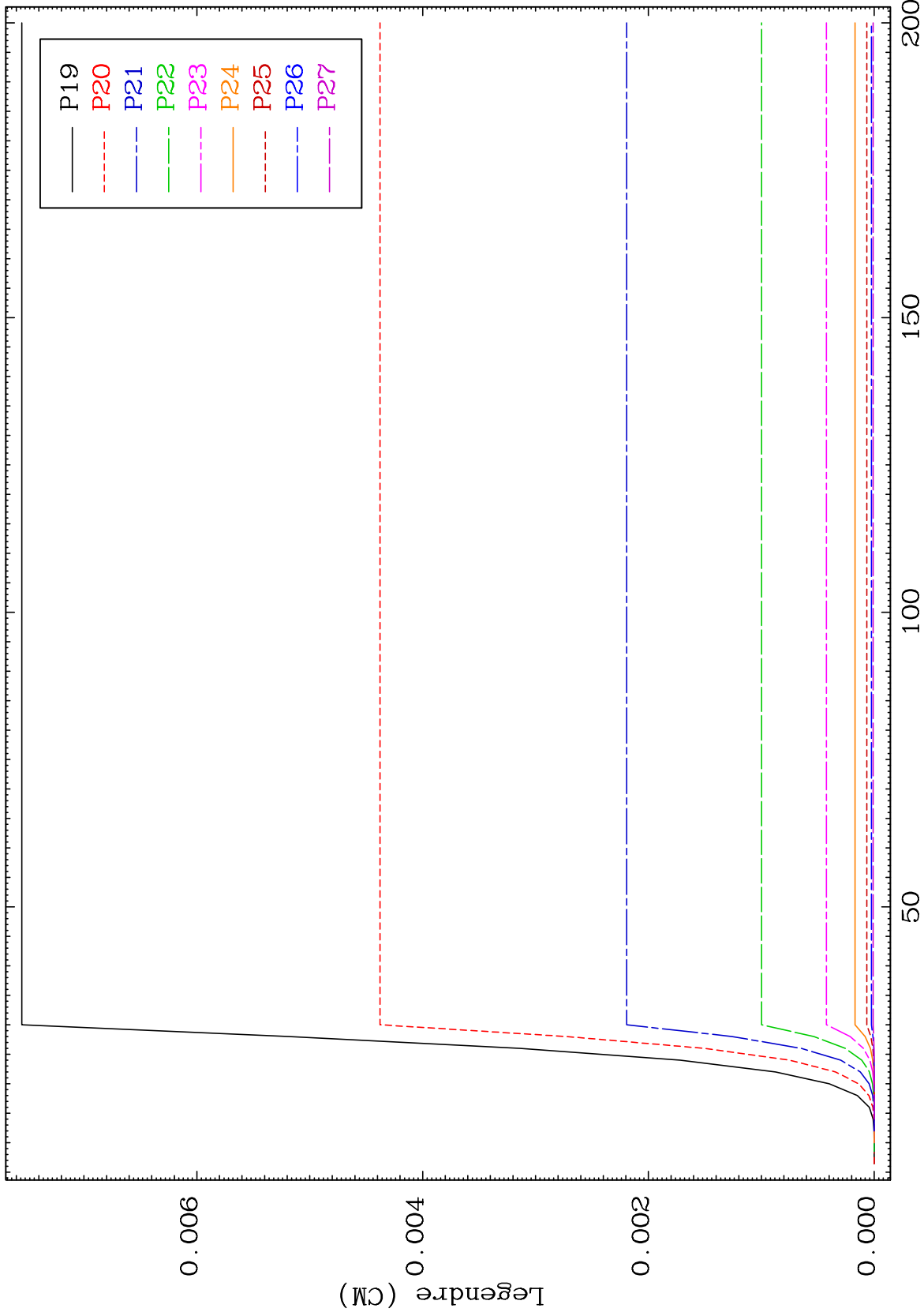
53-I -117



27

Incident Energy (MeV)

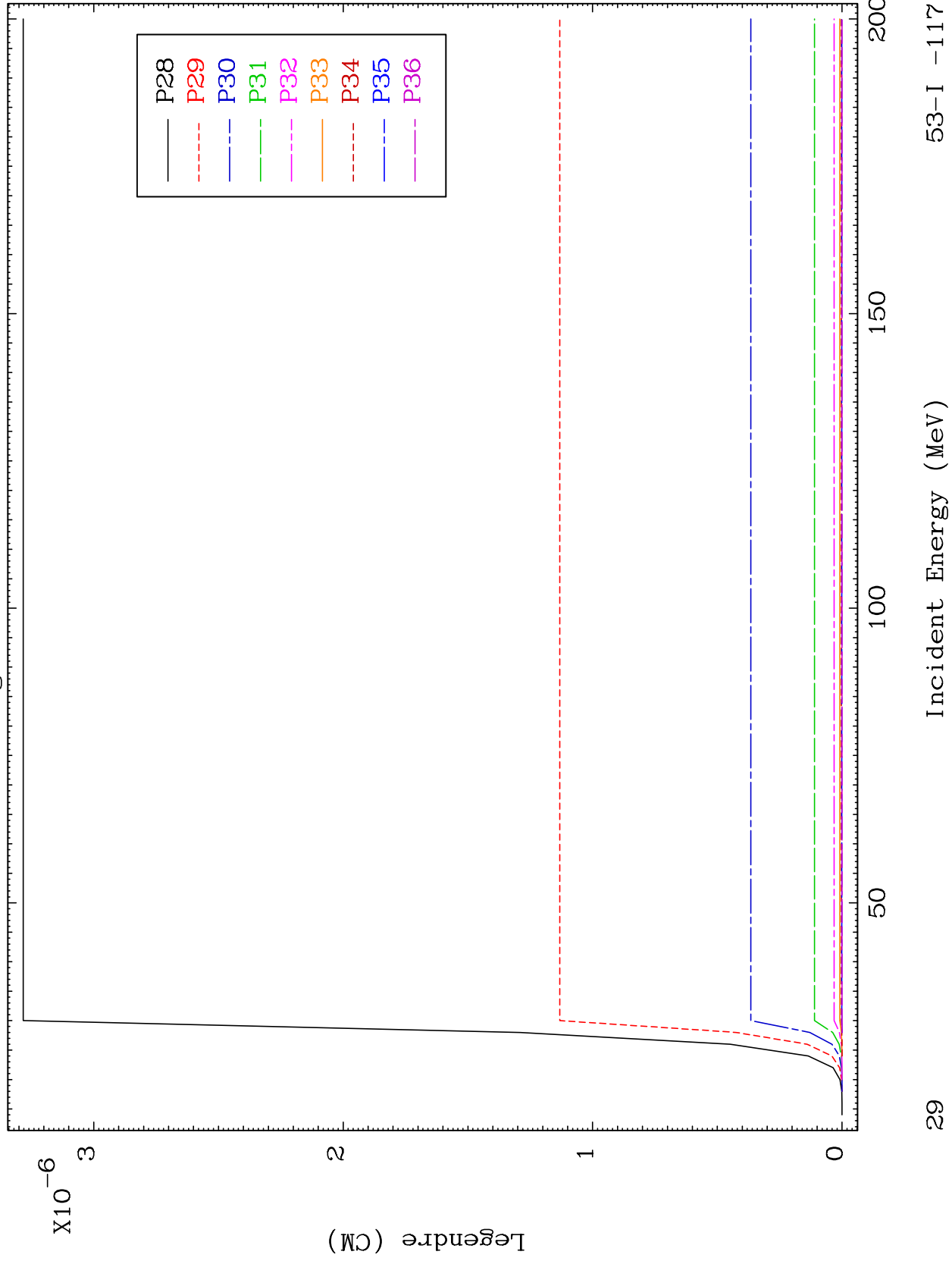
53-I -117



MAT 5295

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

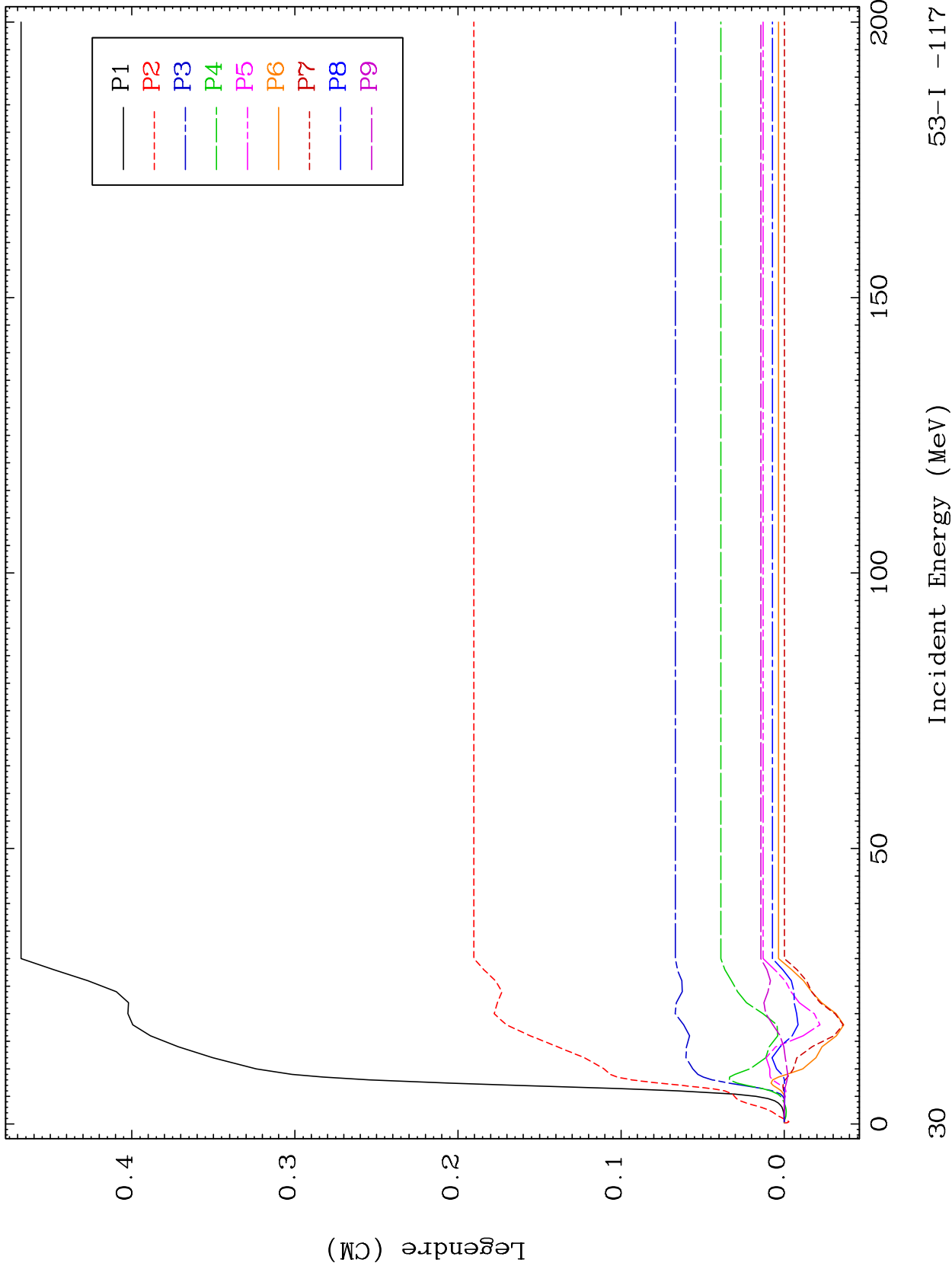
53-I -117



MAT 5295

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

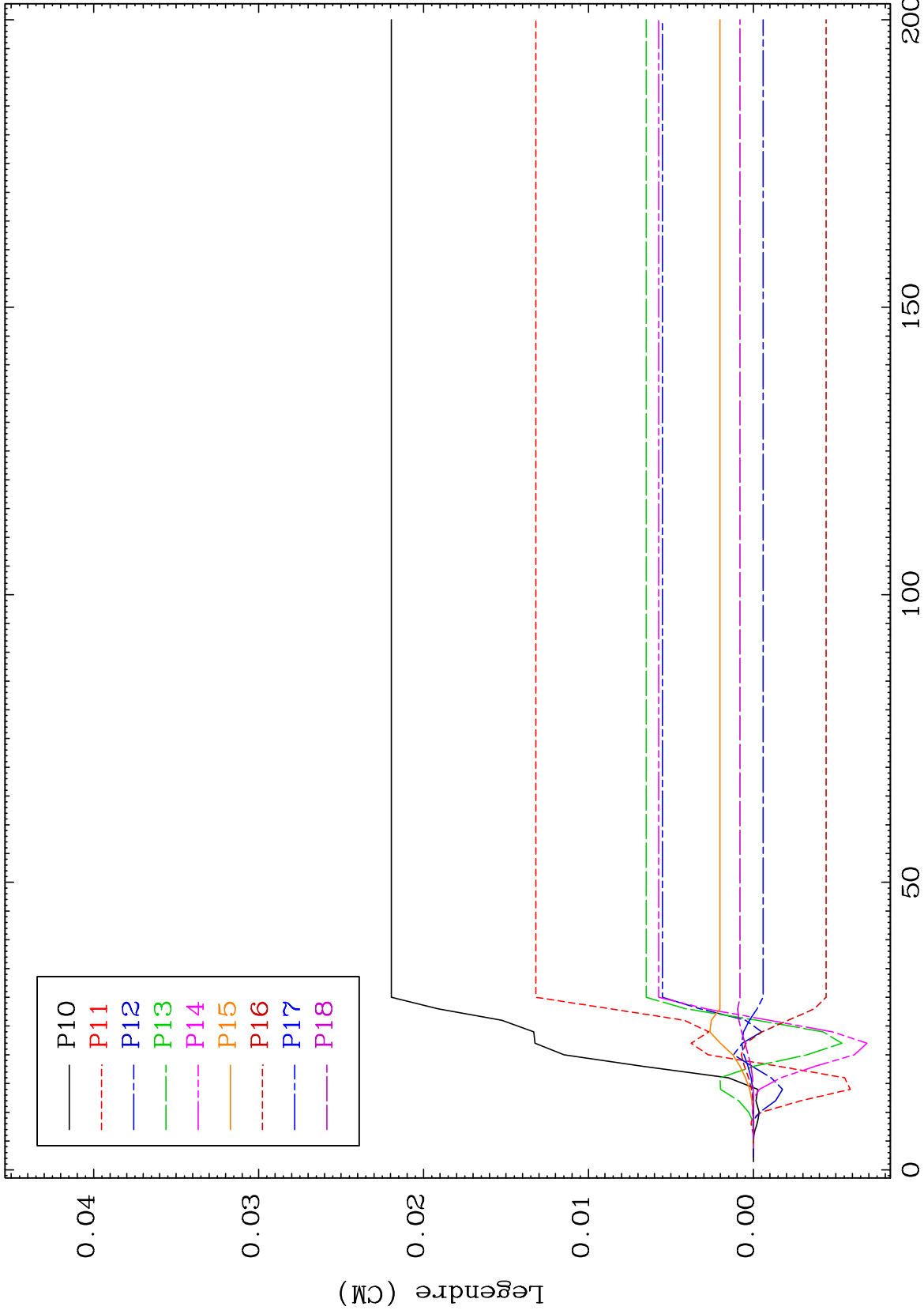
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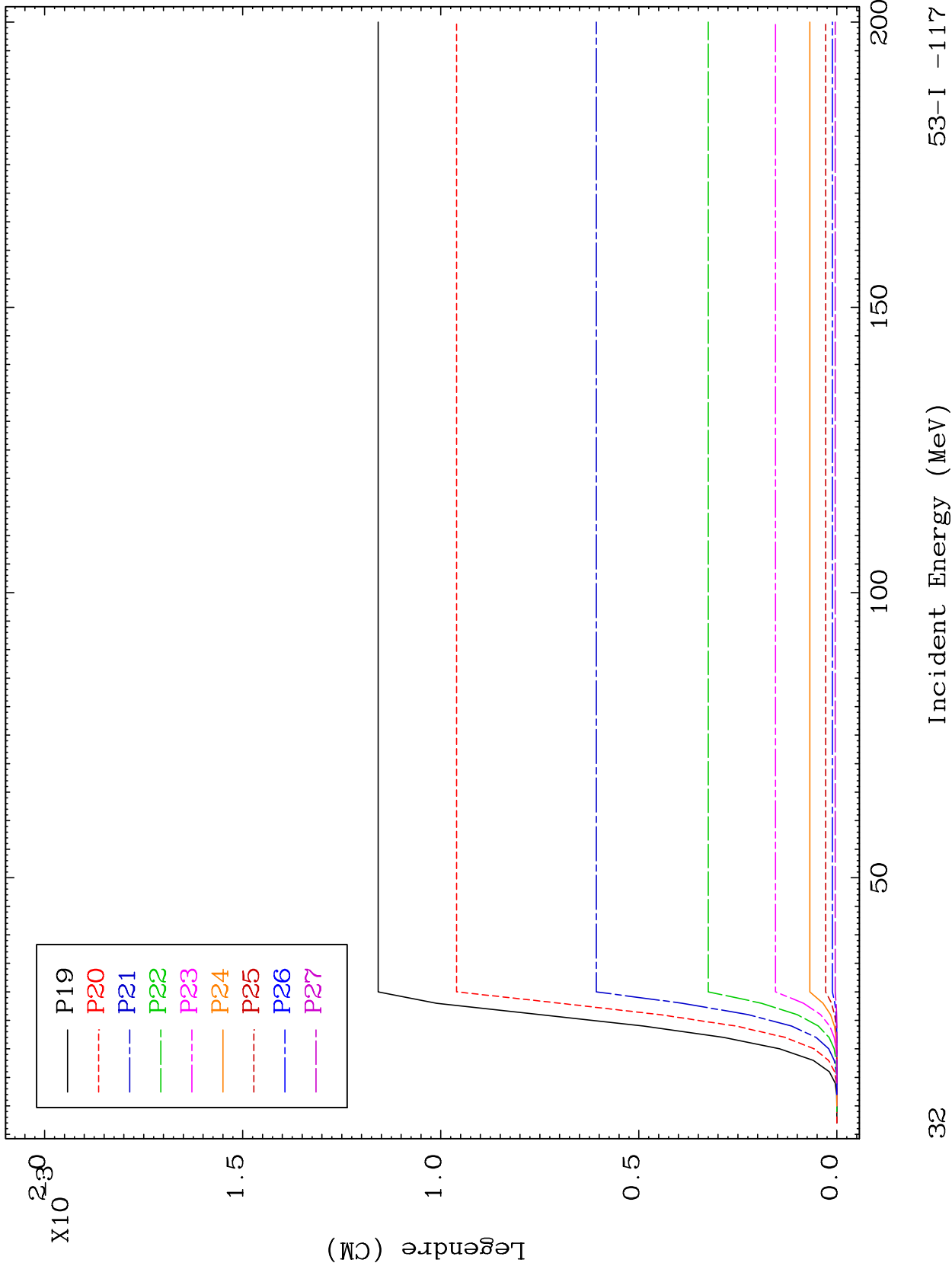


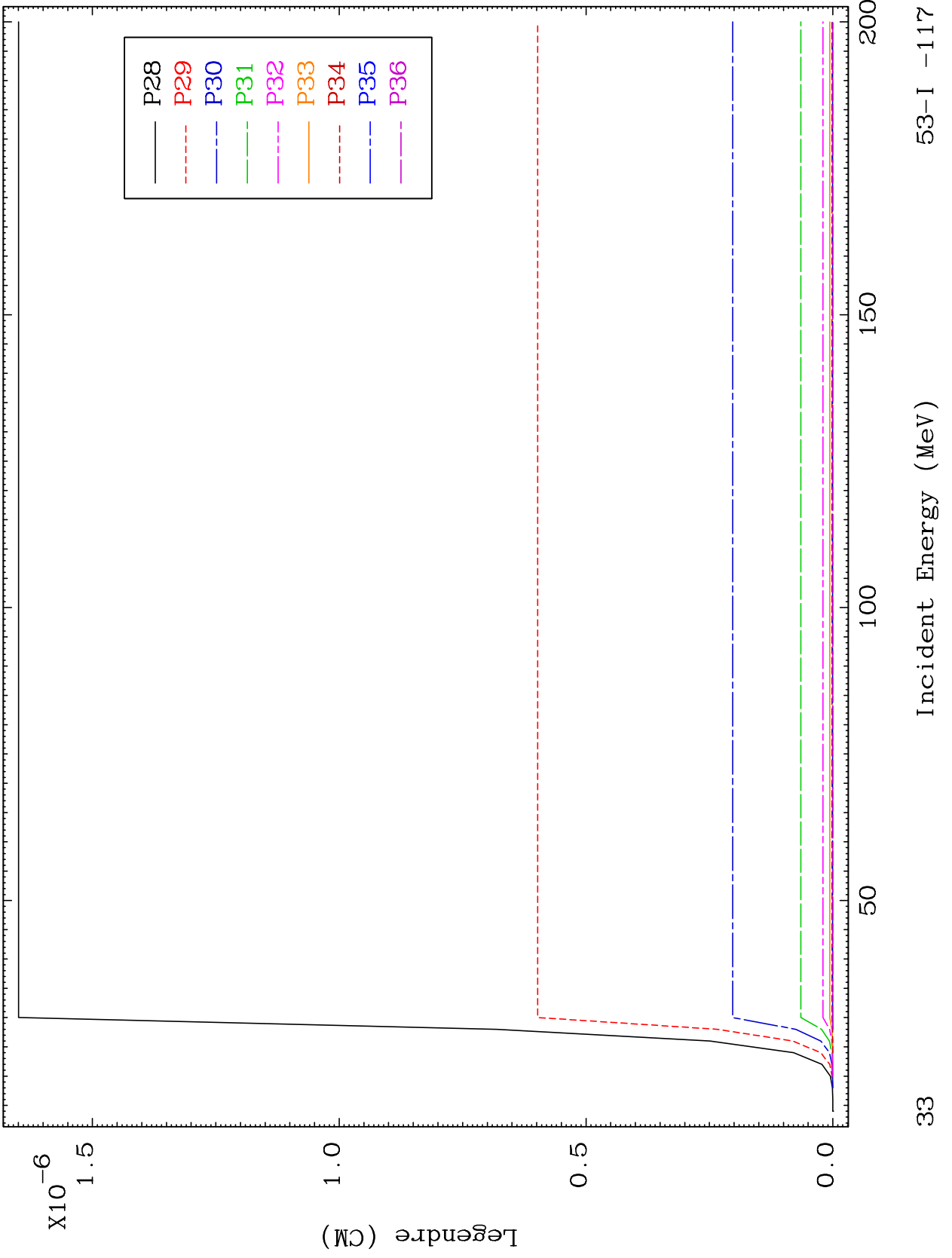
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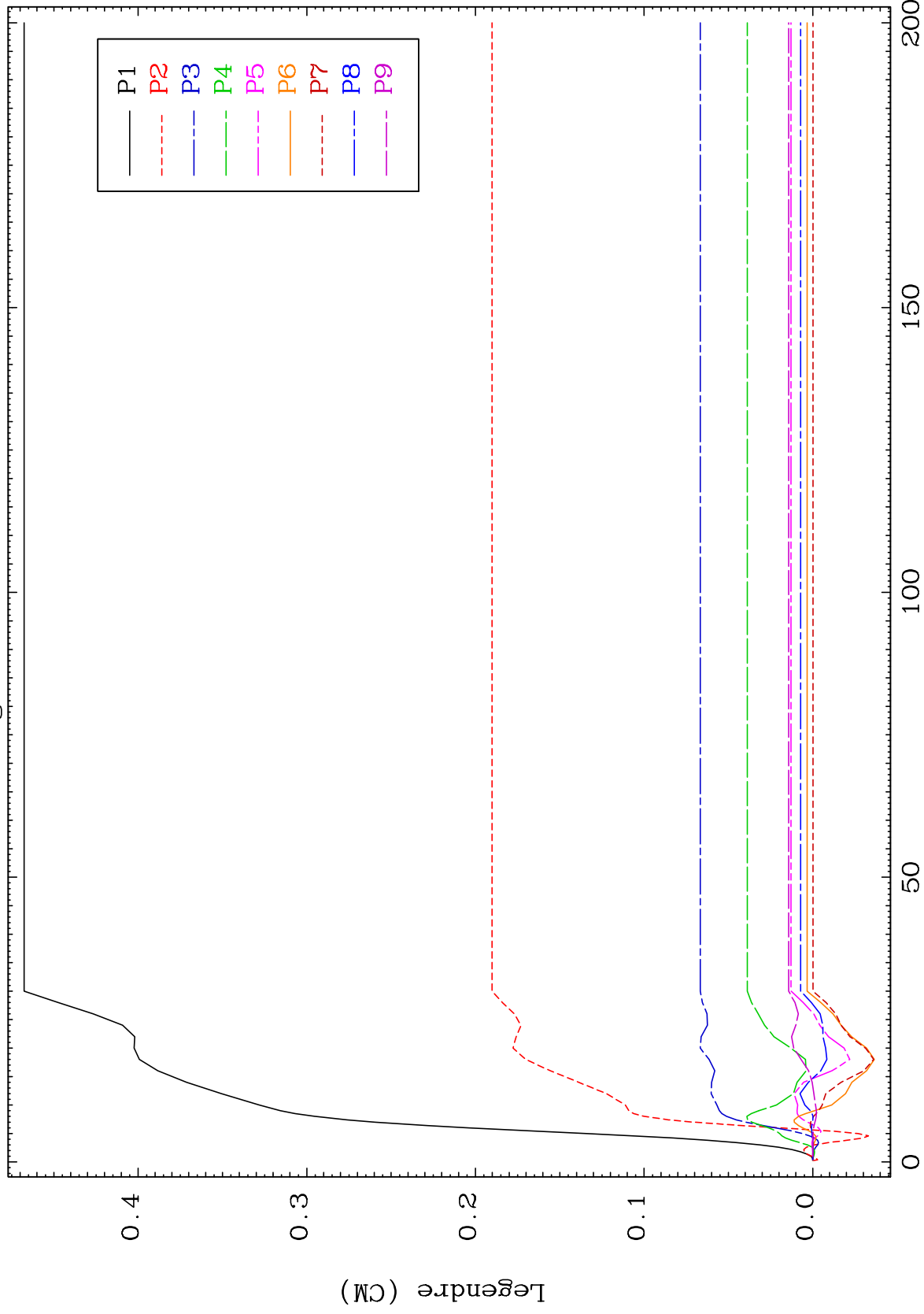
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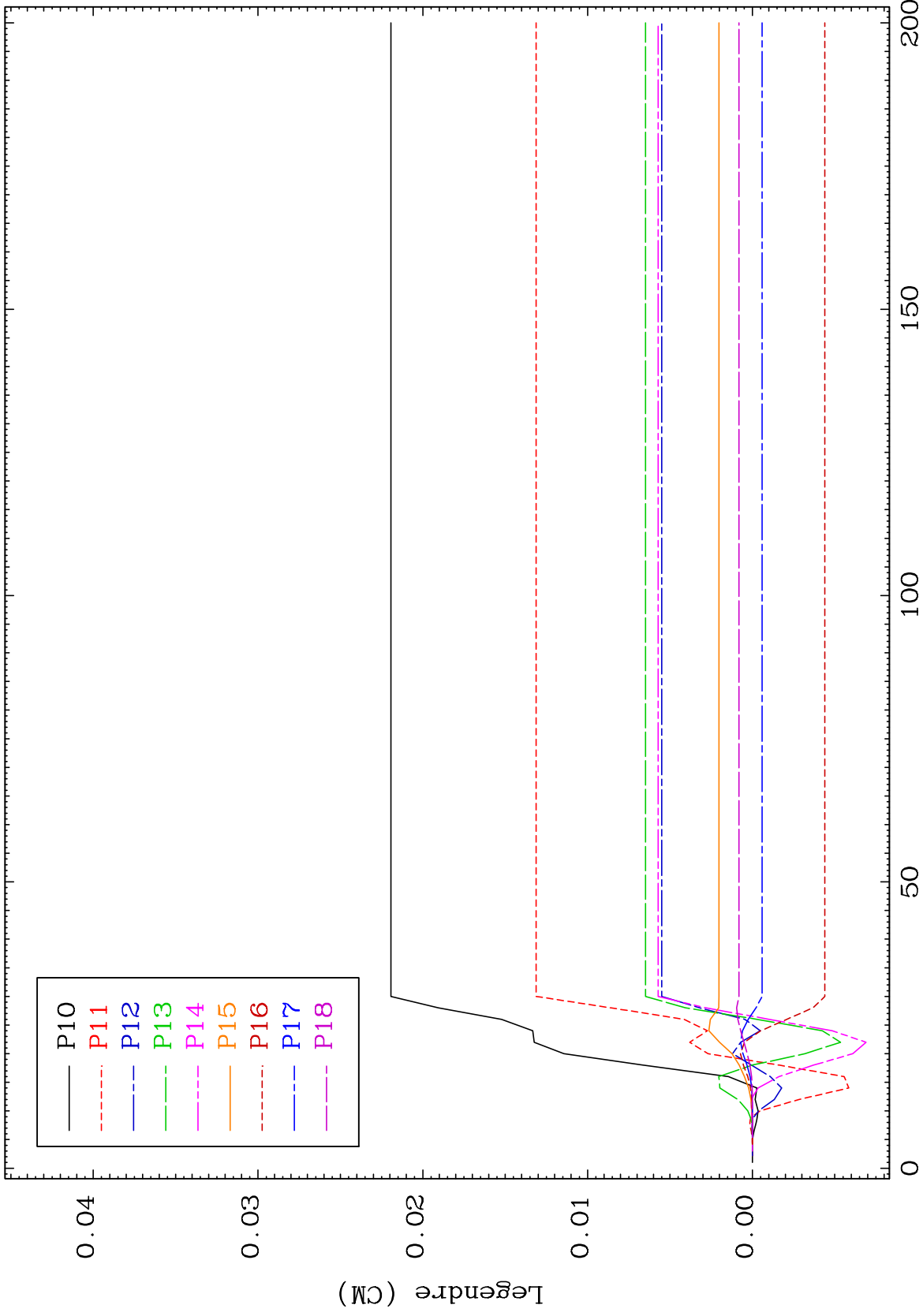
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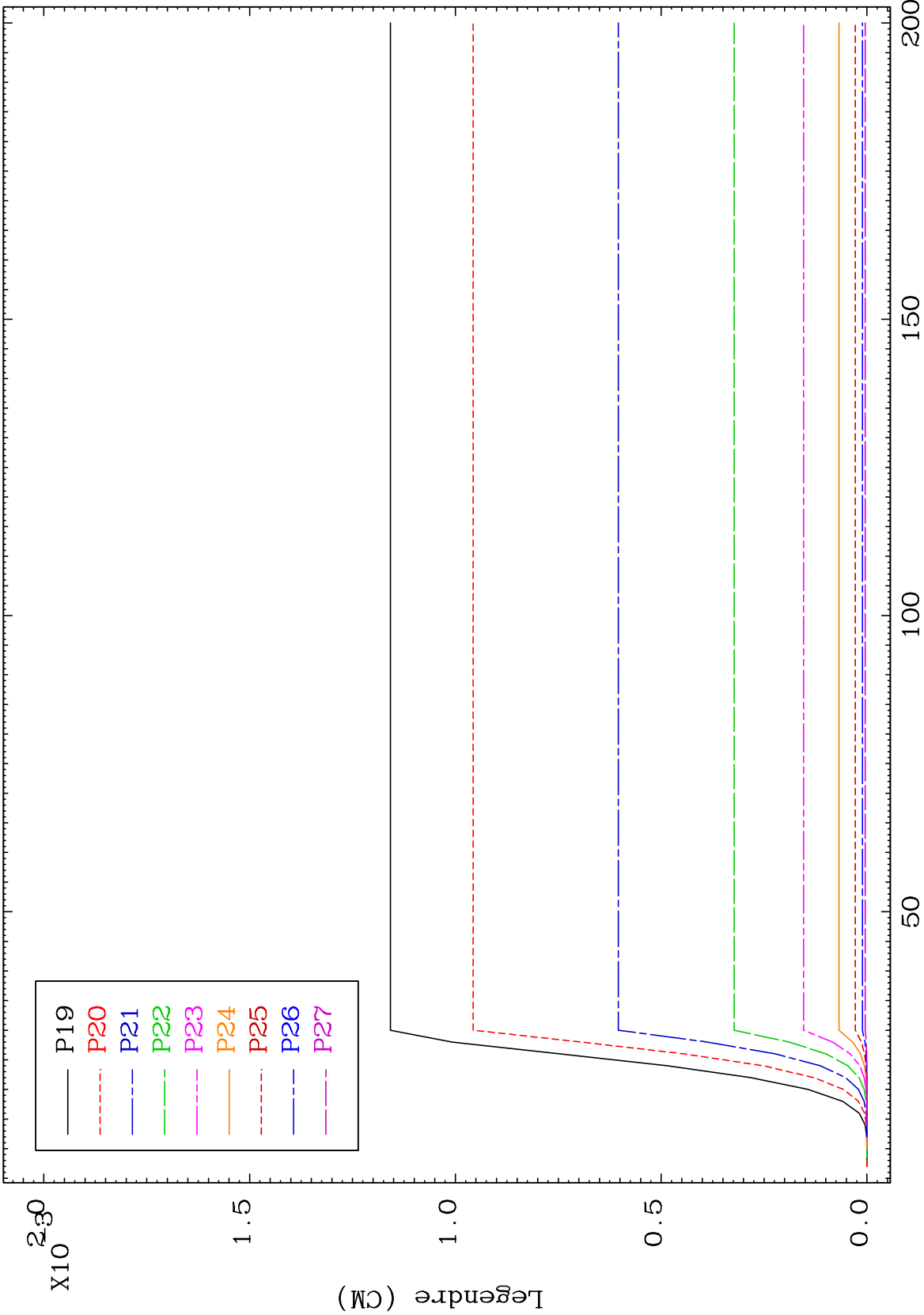


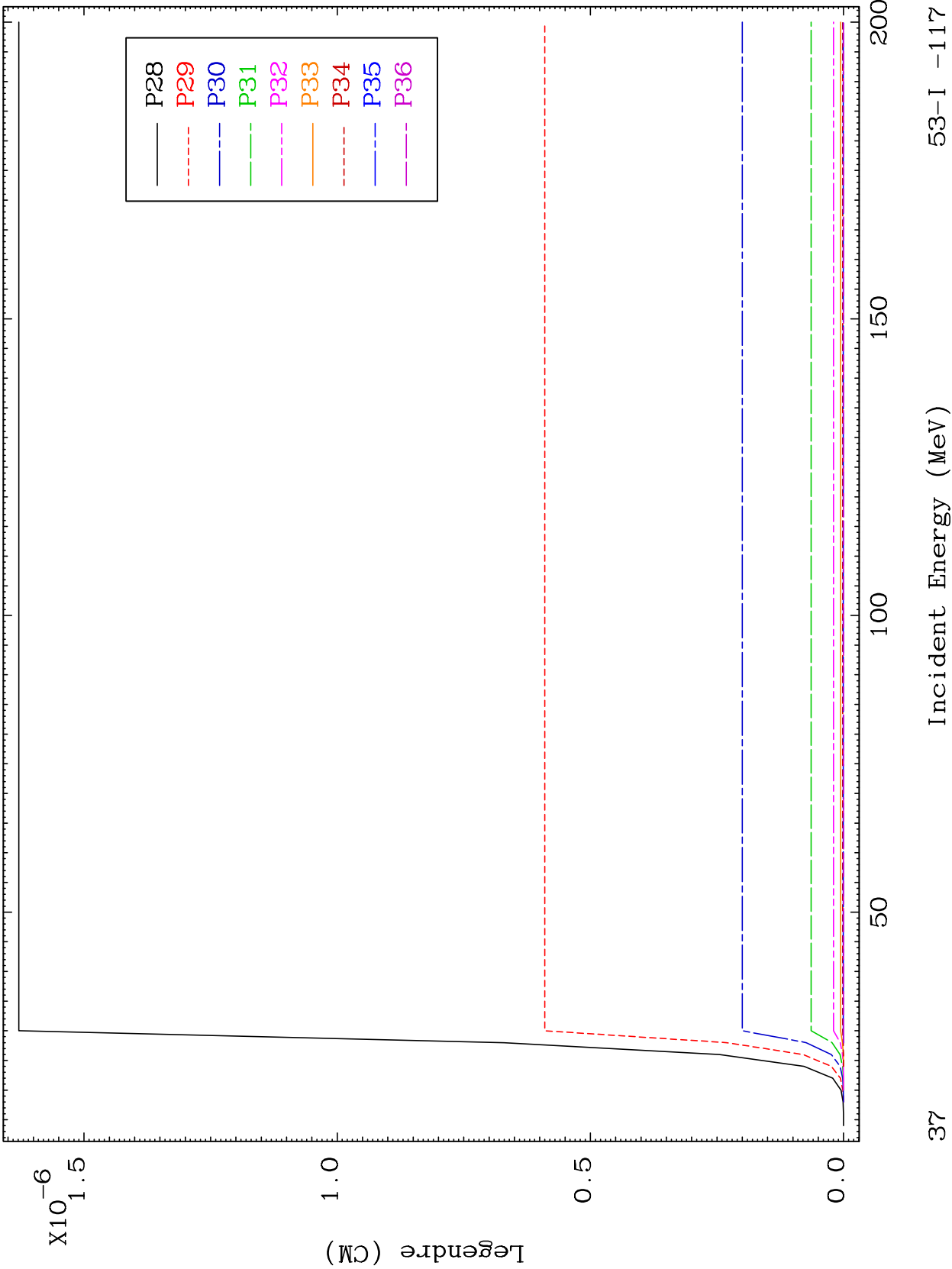








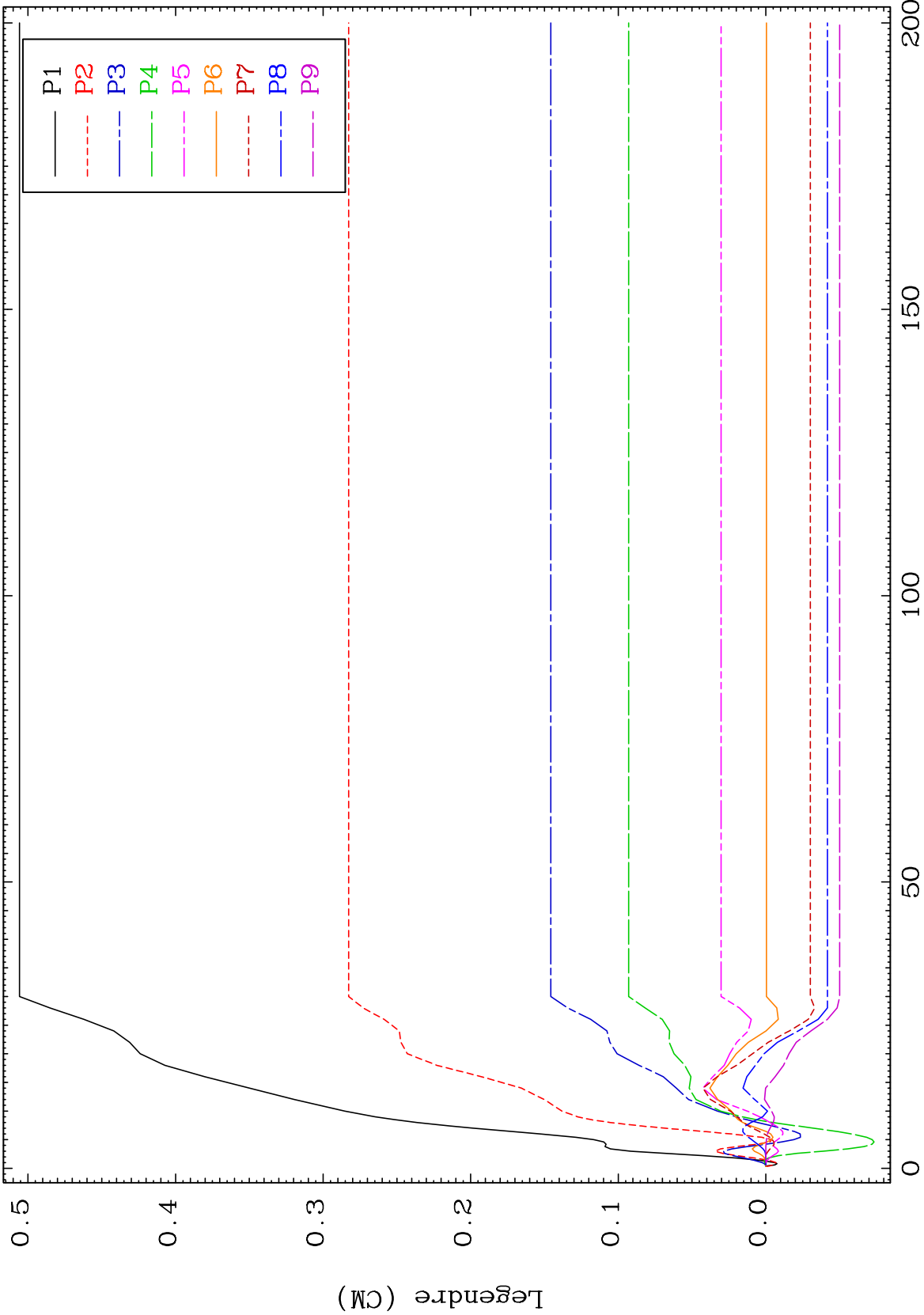




MAT 5295

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

53-I -117



53-I -117

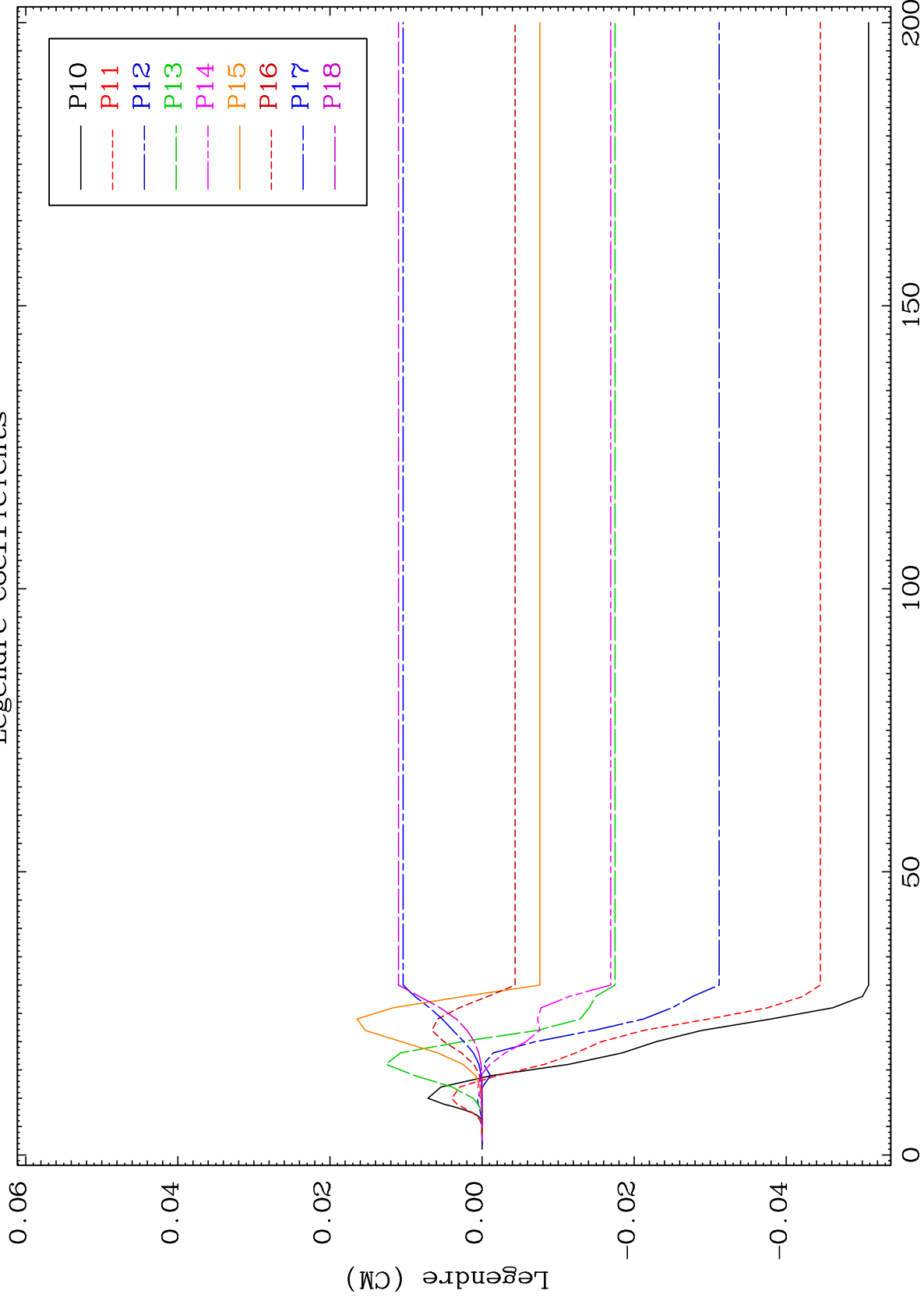
Incident Energy (MeV)

38

MAT 5295

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

53-I -117



39

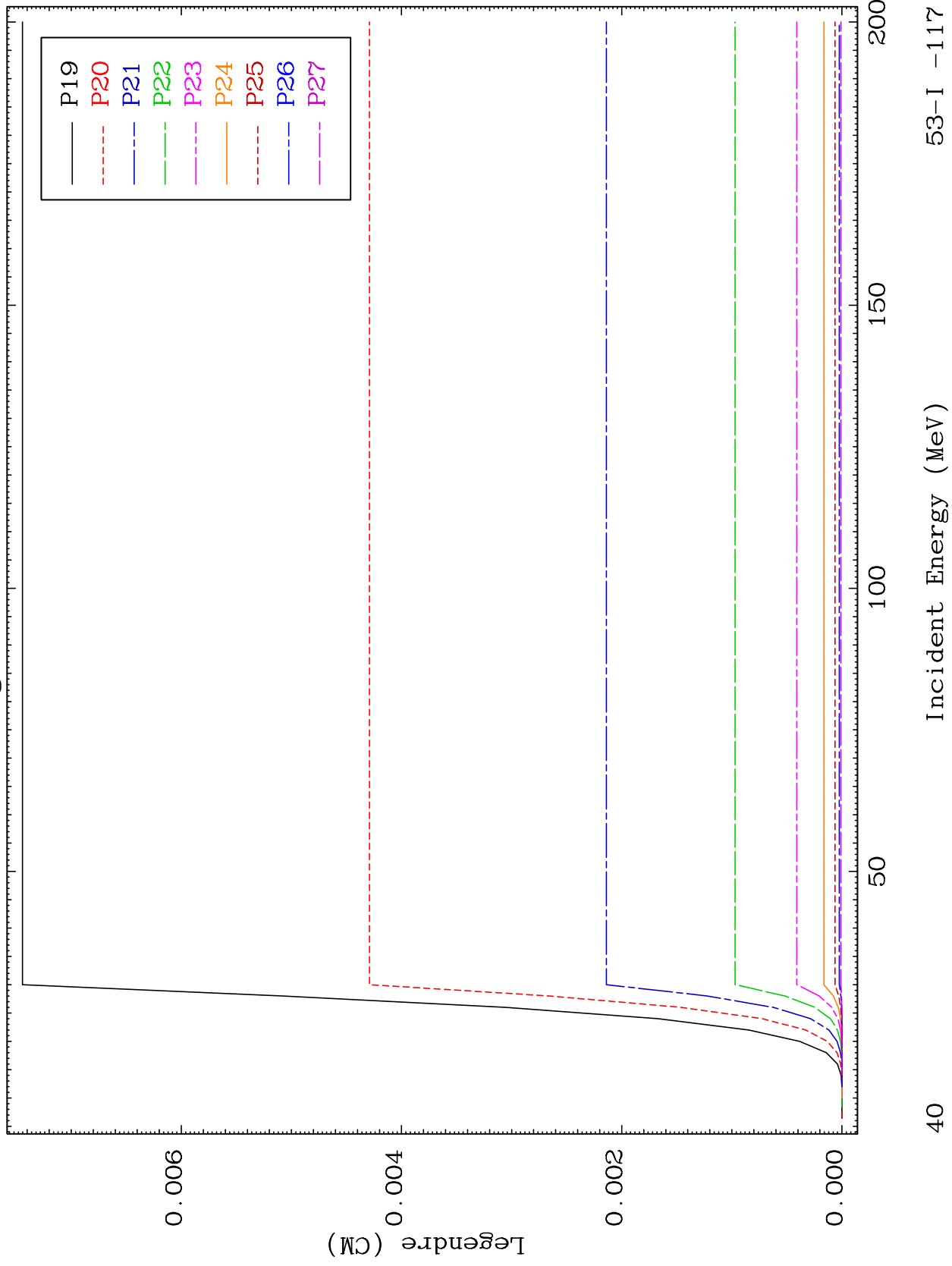
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



53-I -117

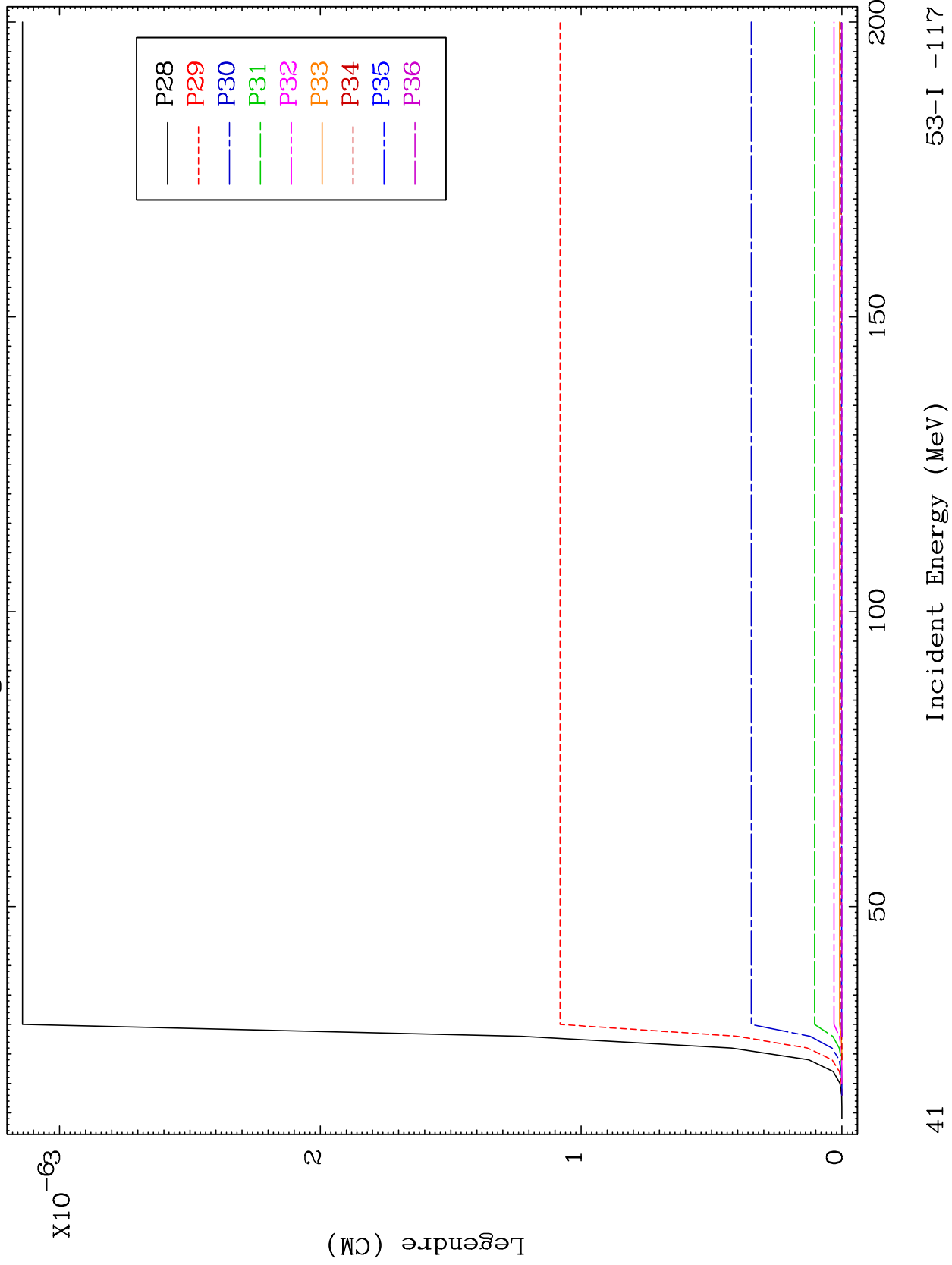
Incident Energy (MeV)

40

MAT 5295

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

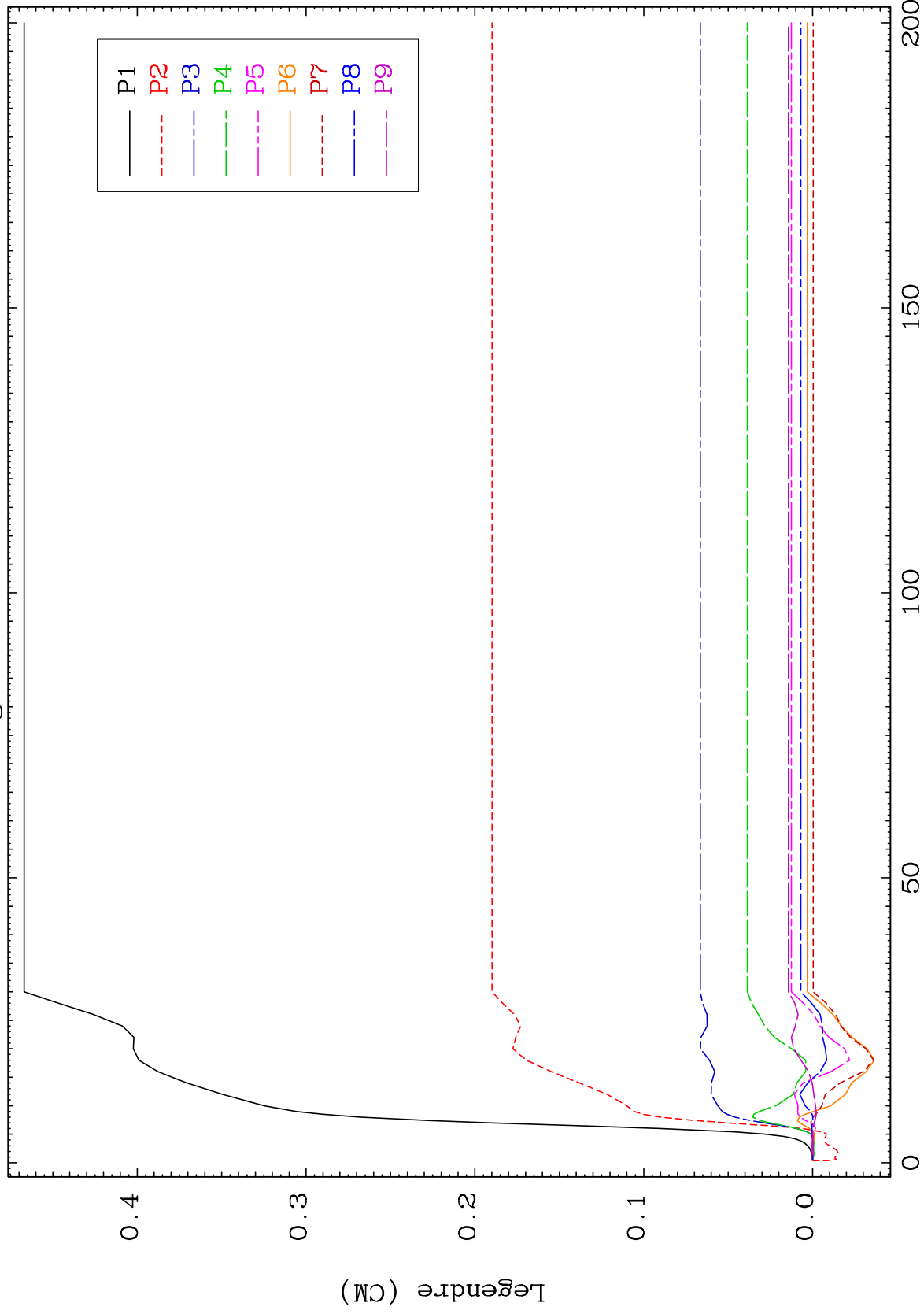
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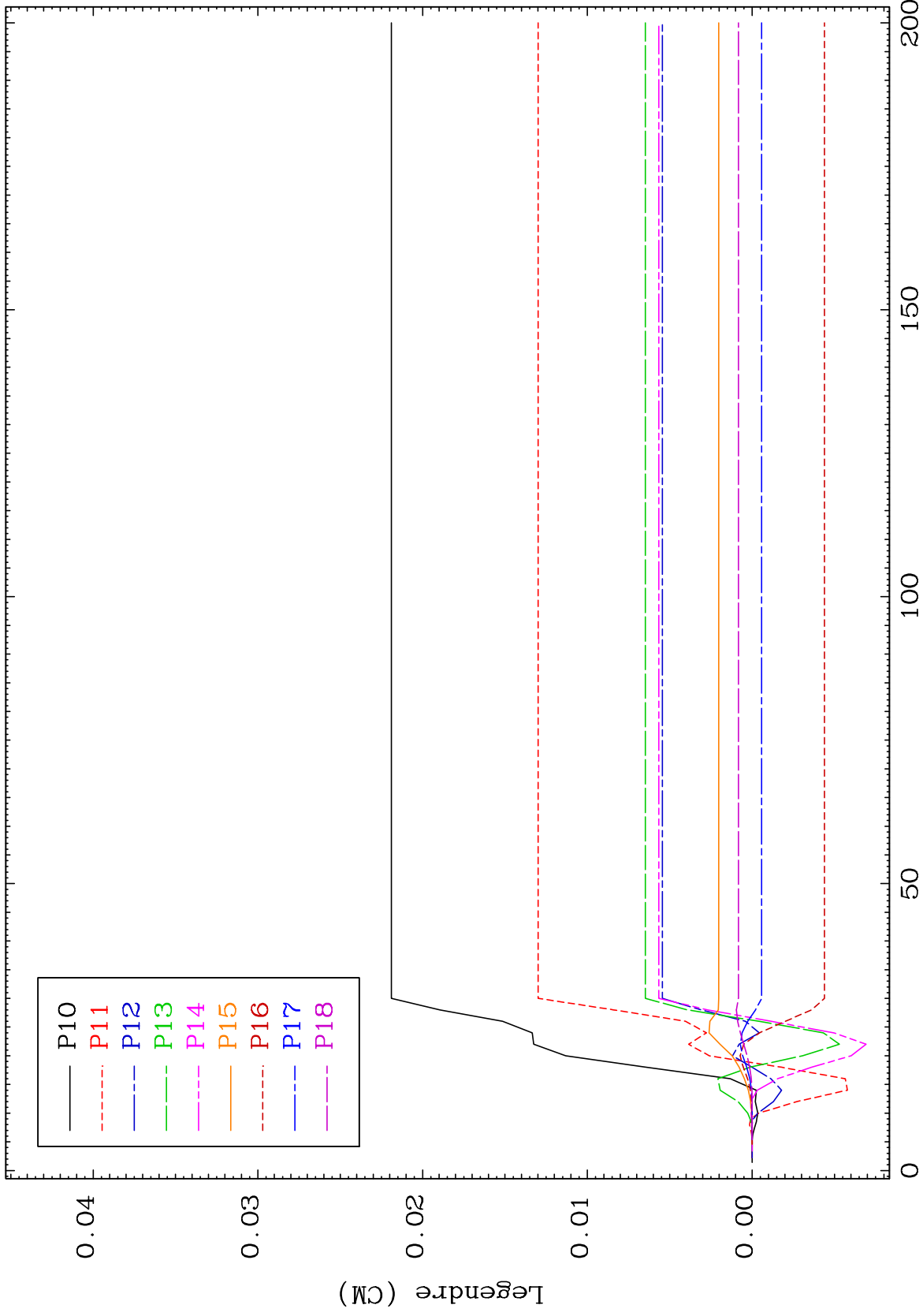


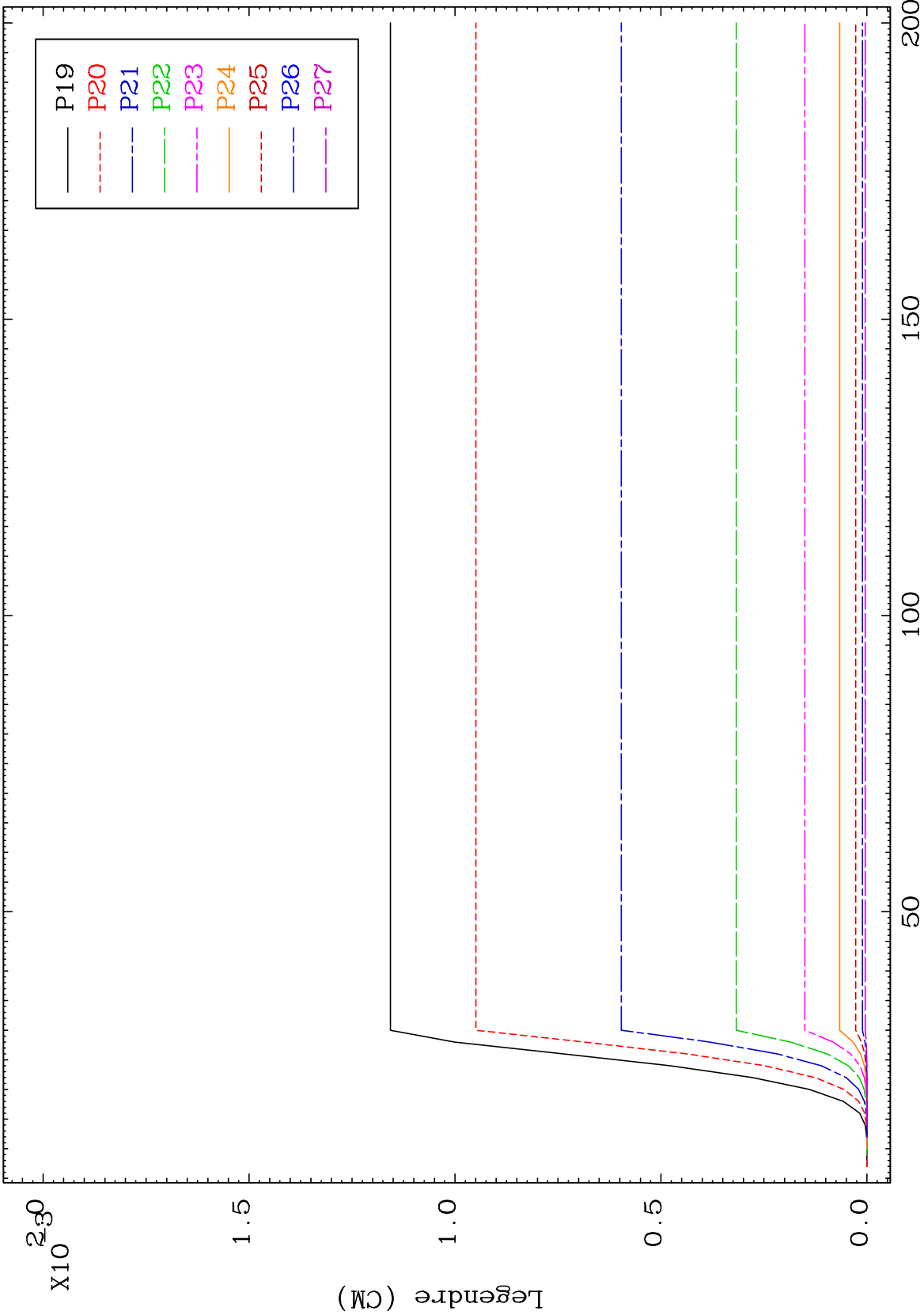
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Incident Energy (MeV)

53-I -117



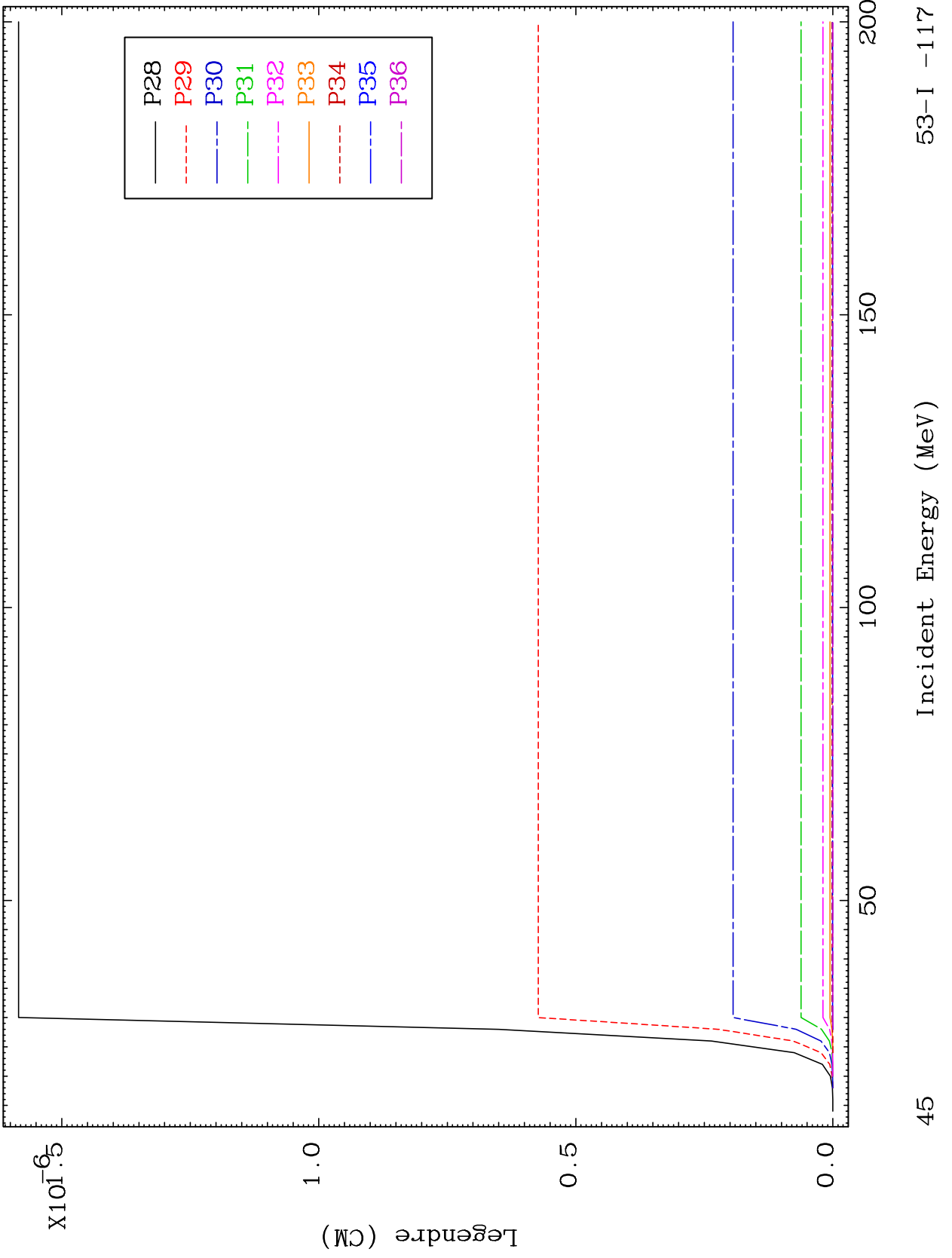




MAT 5295

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

53-I -117



53-I -117

Incident Energy (MeV)

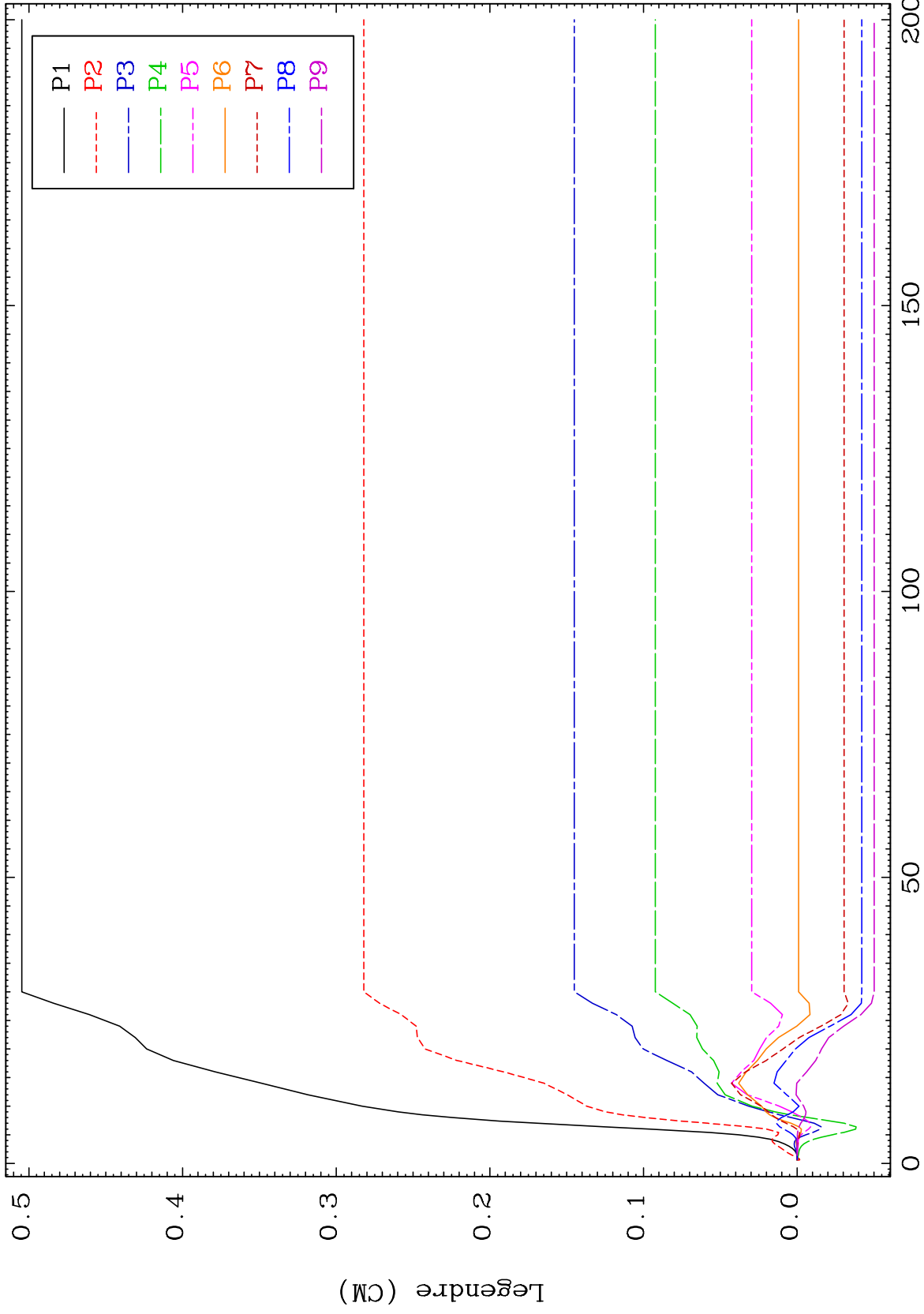
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MAT 5295

MT= 57 (n,n') Level

53-I -117

Legendre Coefficients



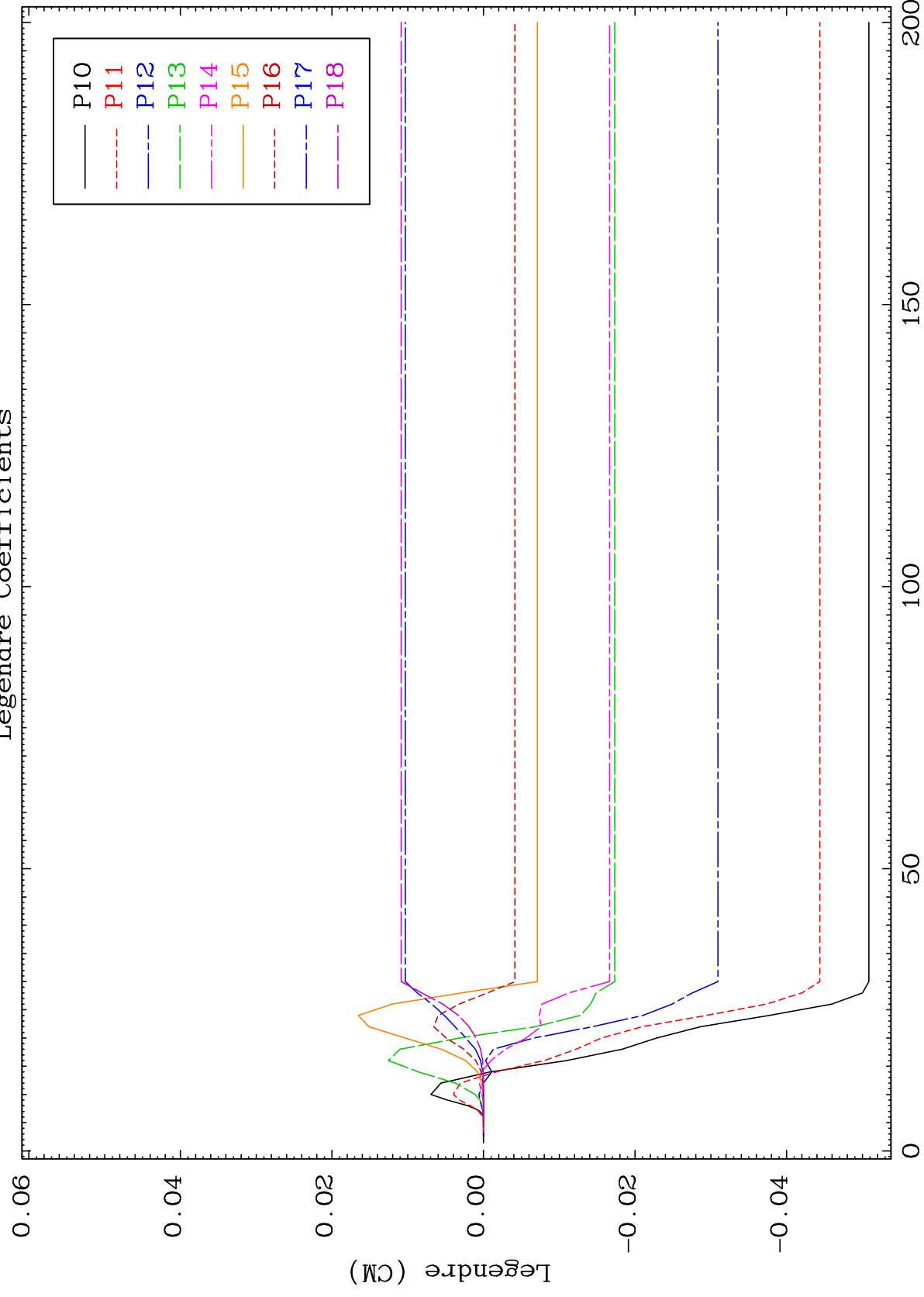
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53-I -117

MAT 5295

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

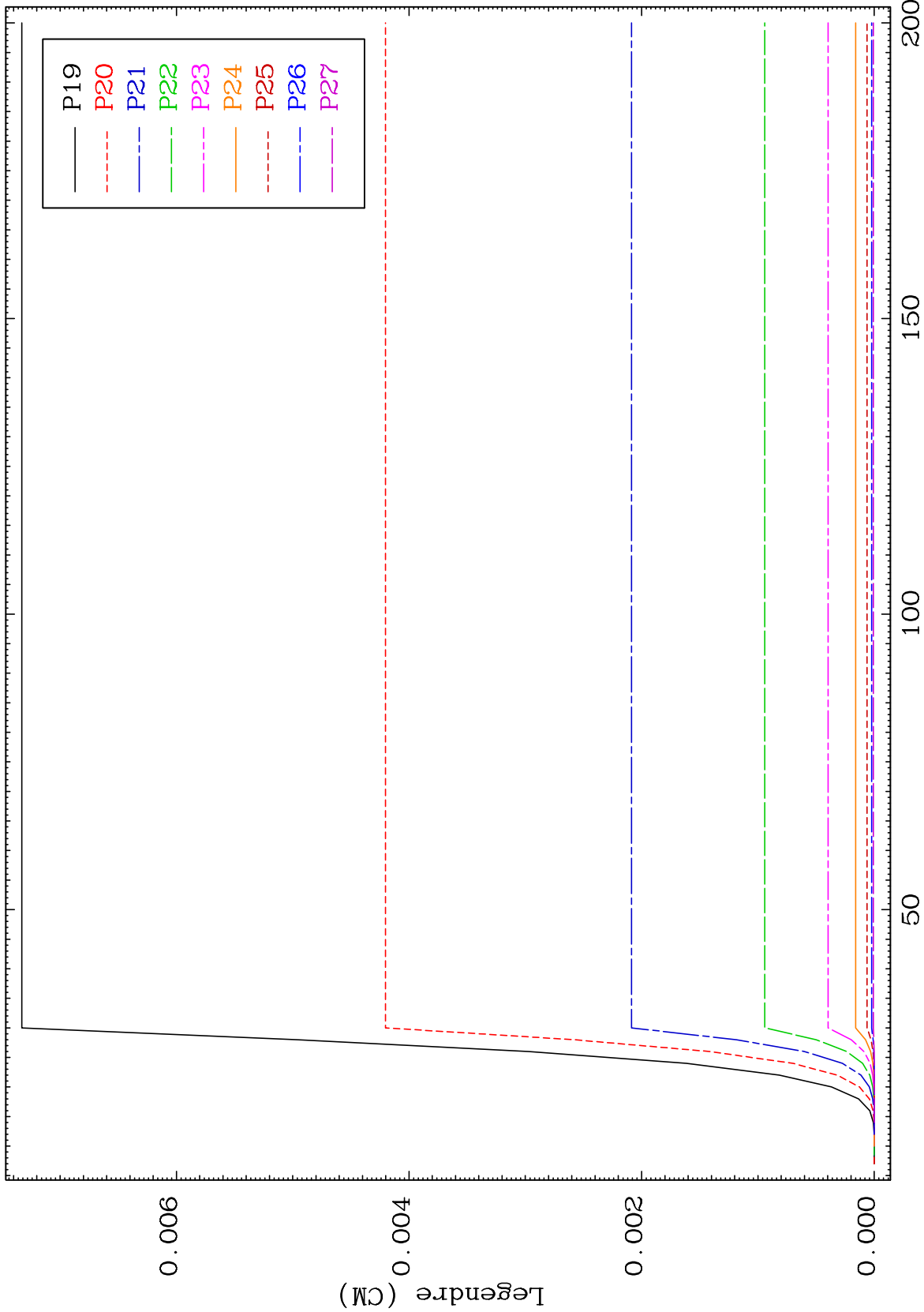
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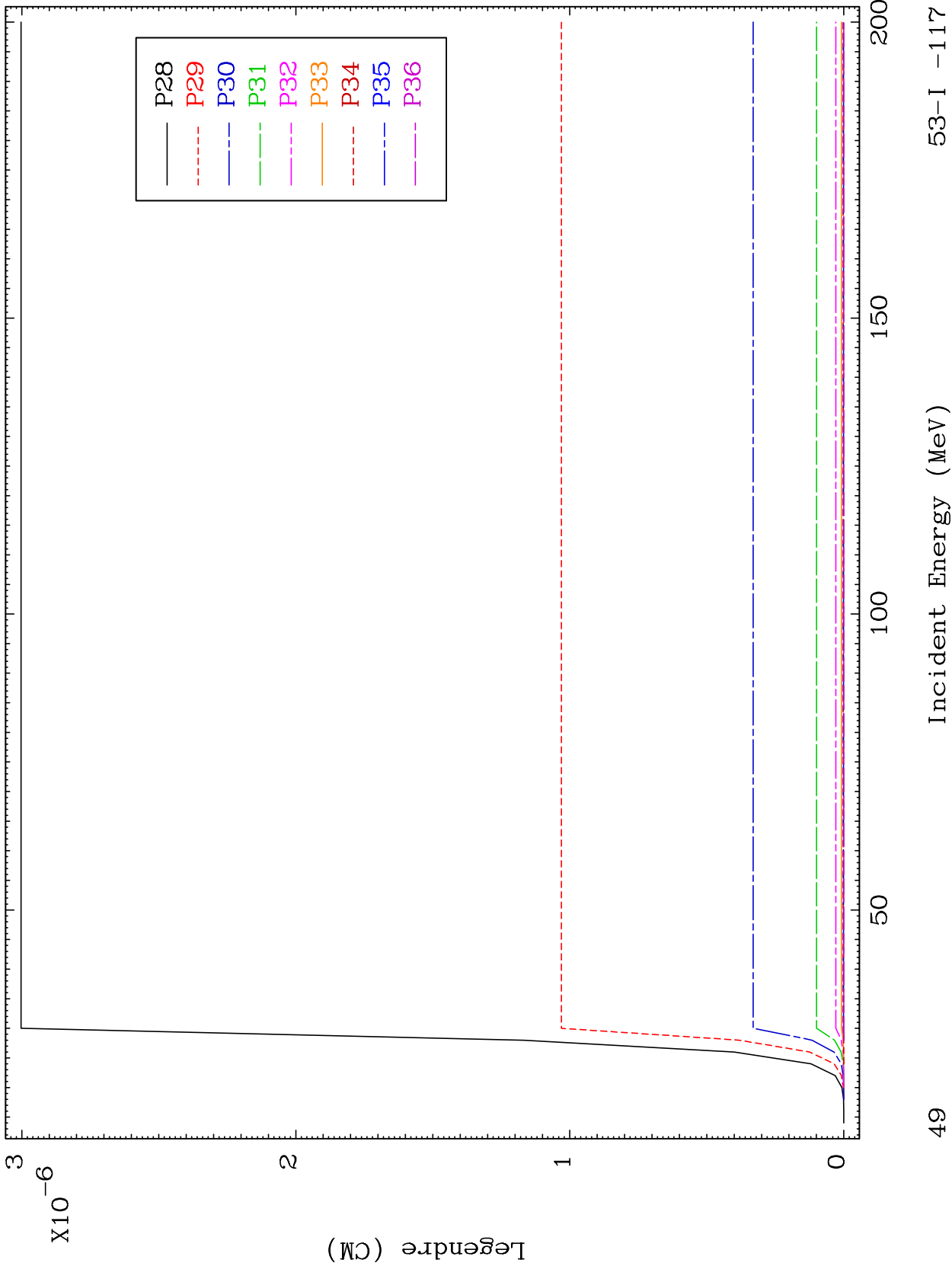


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Incident Energy (MeV)

53-I -117

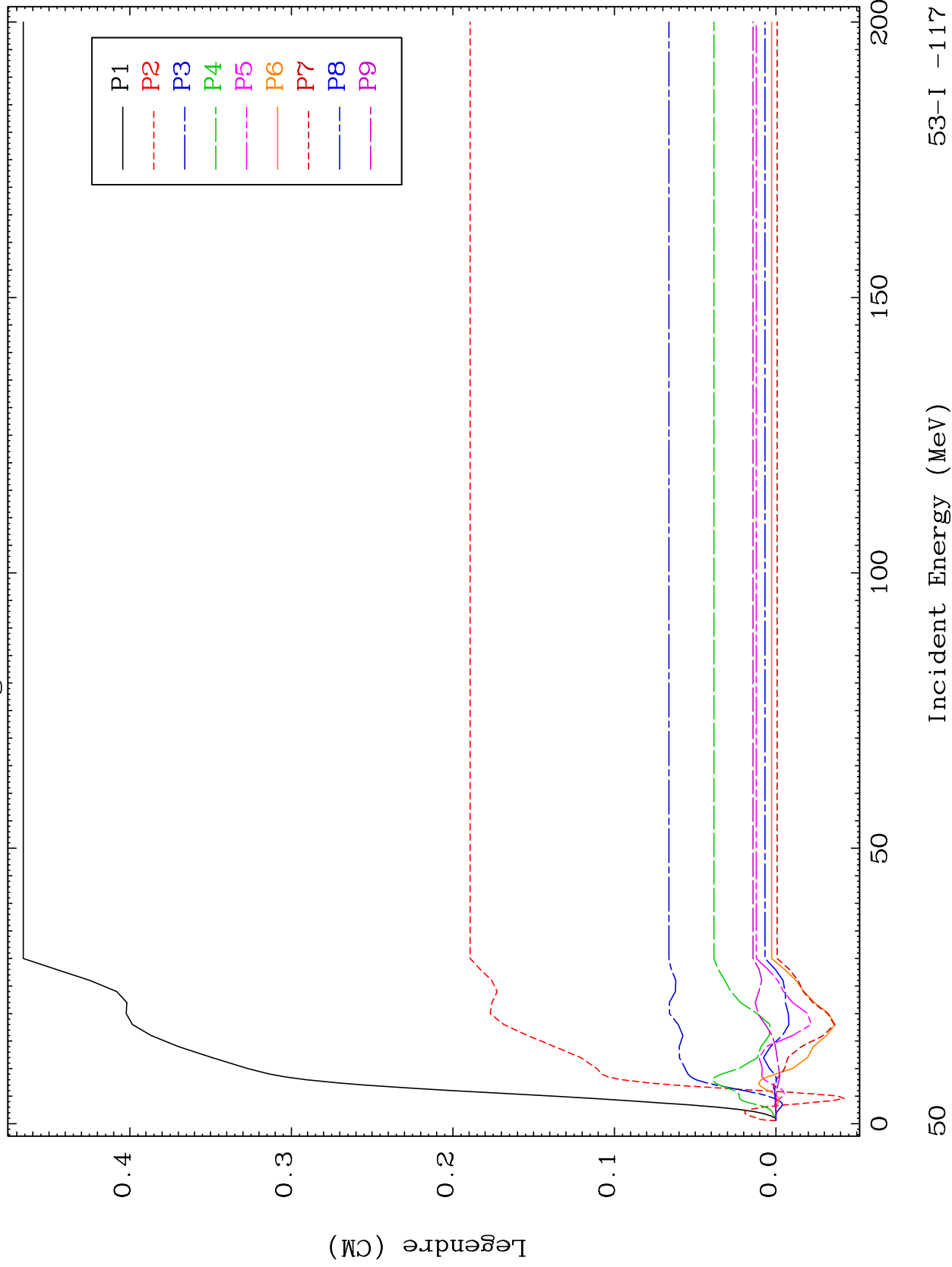




MAT 5295

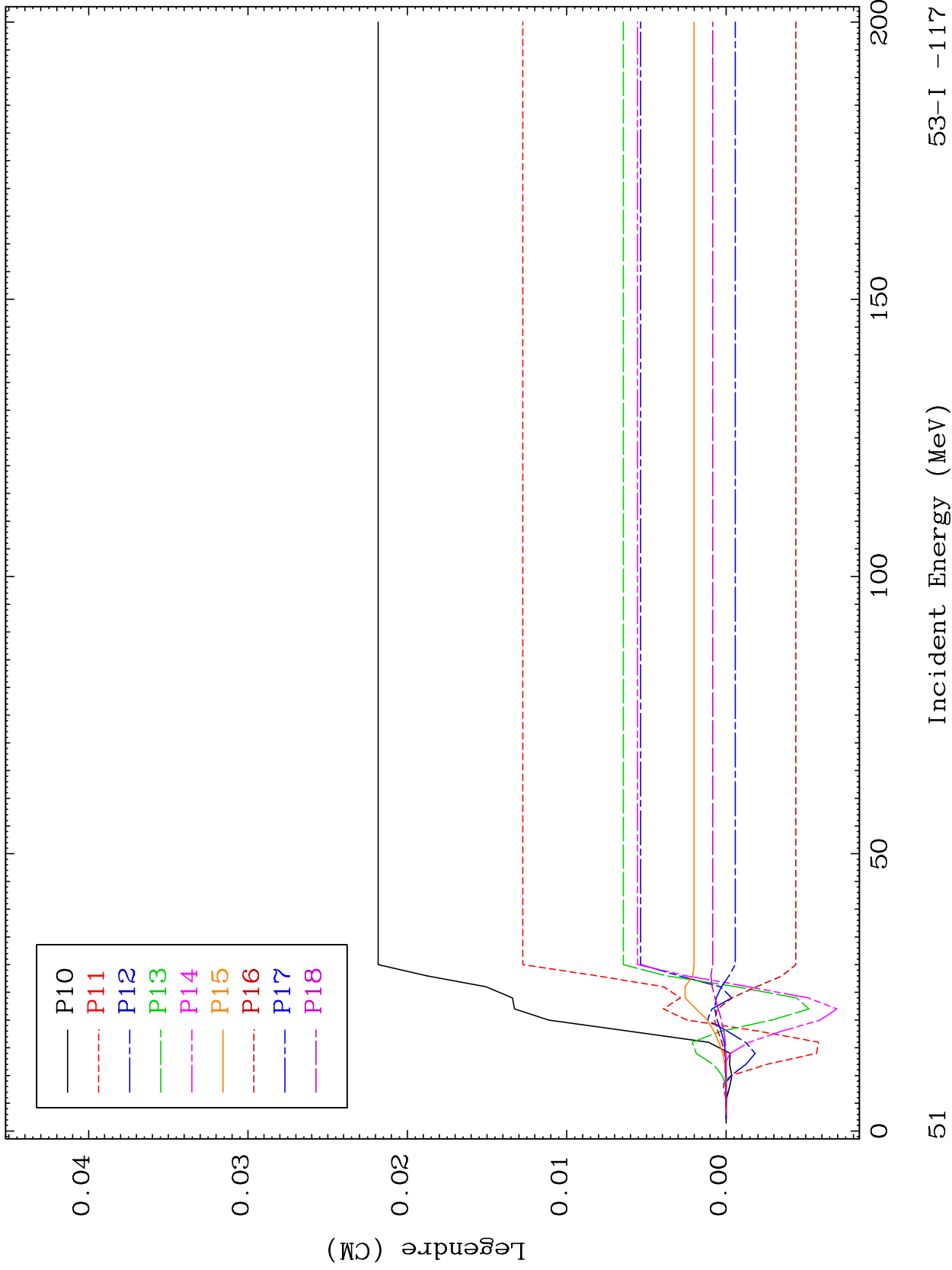
MT= 58 (n,n') Level
Legendre Coefficients

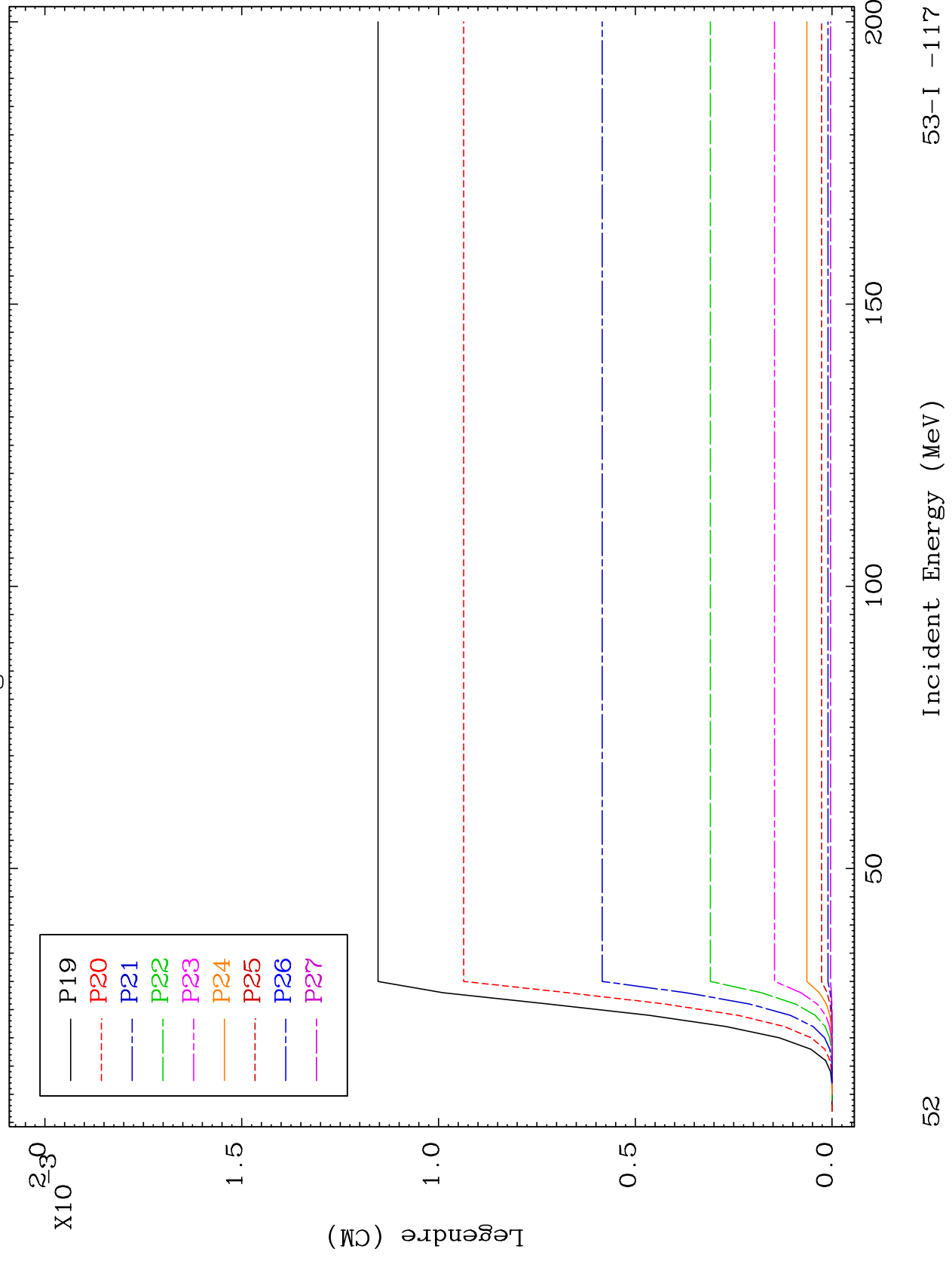
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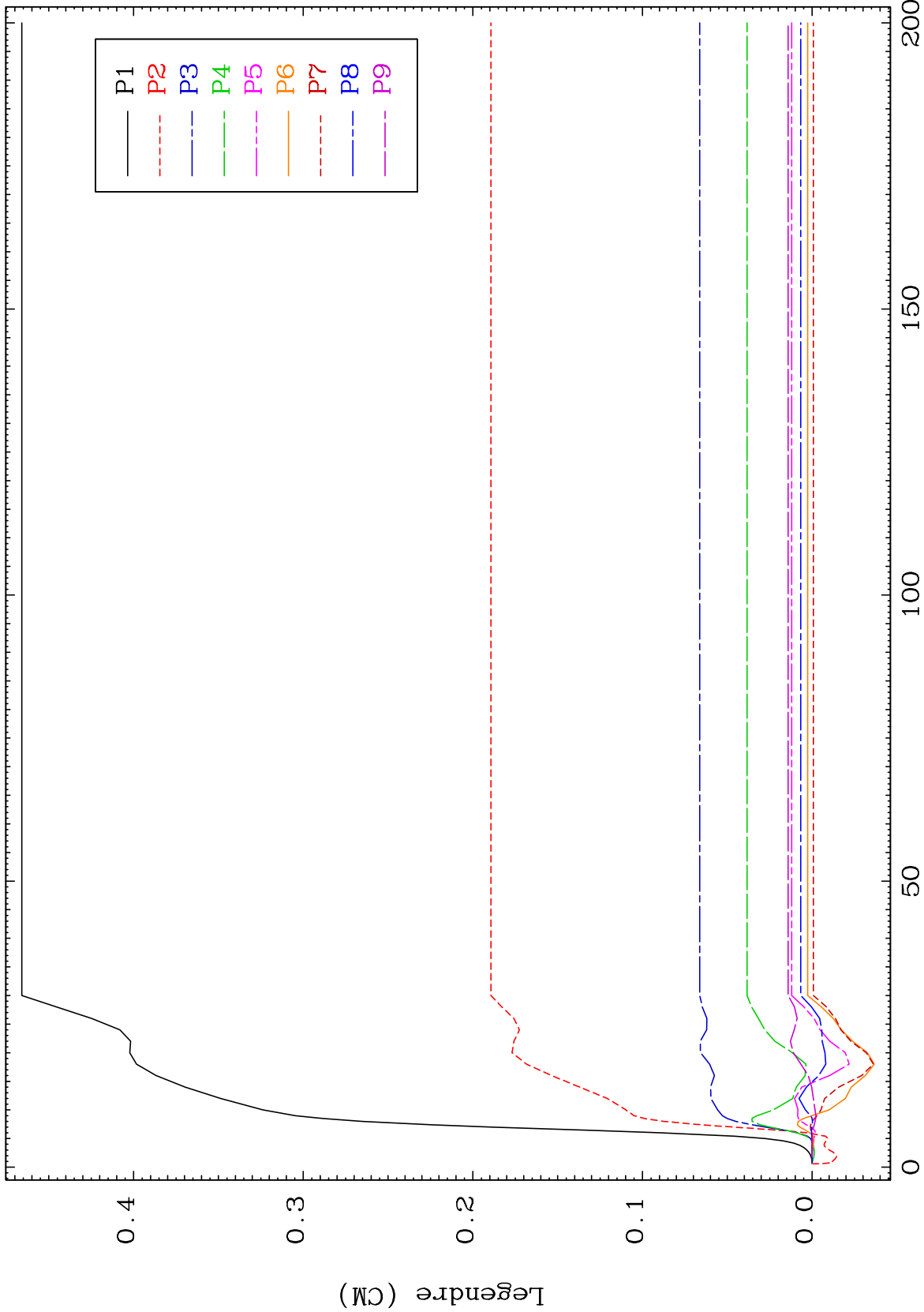


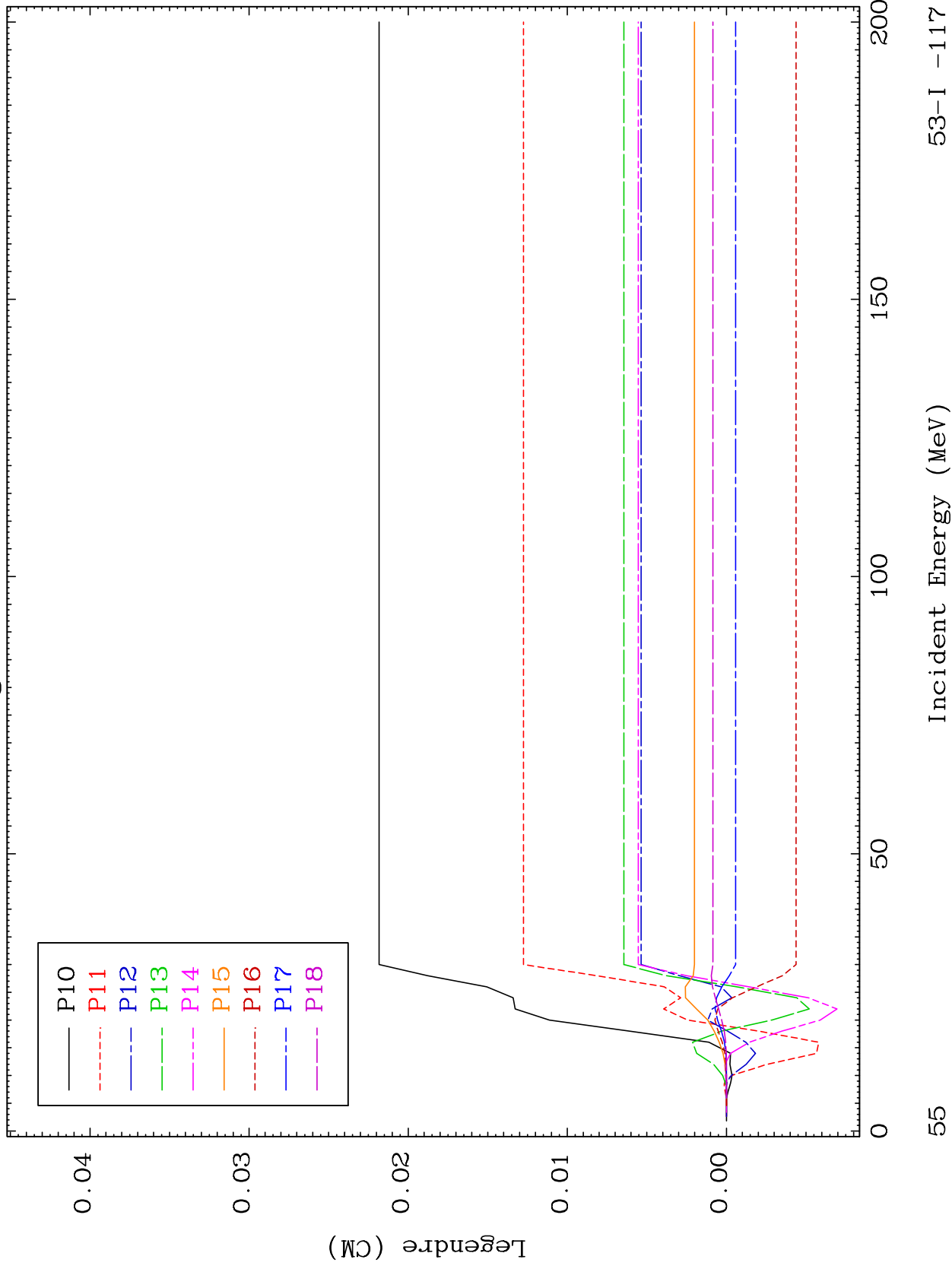
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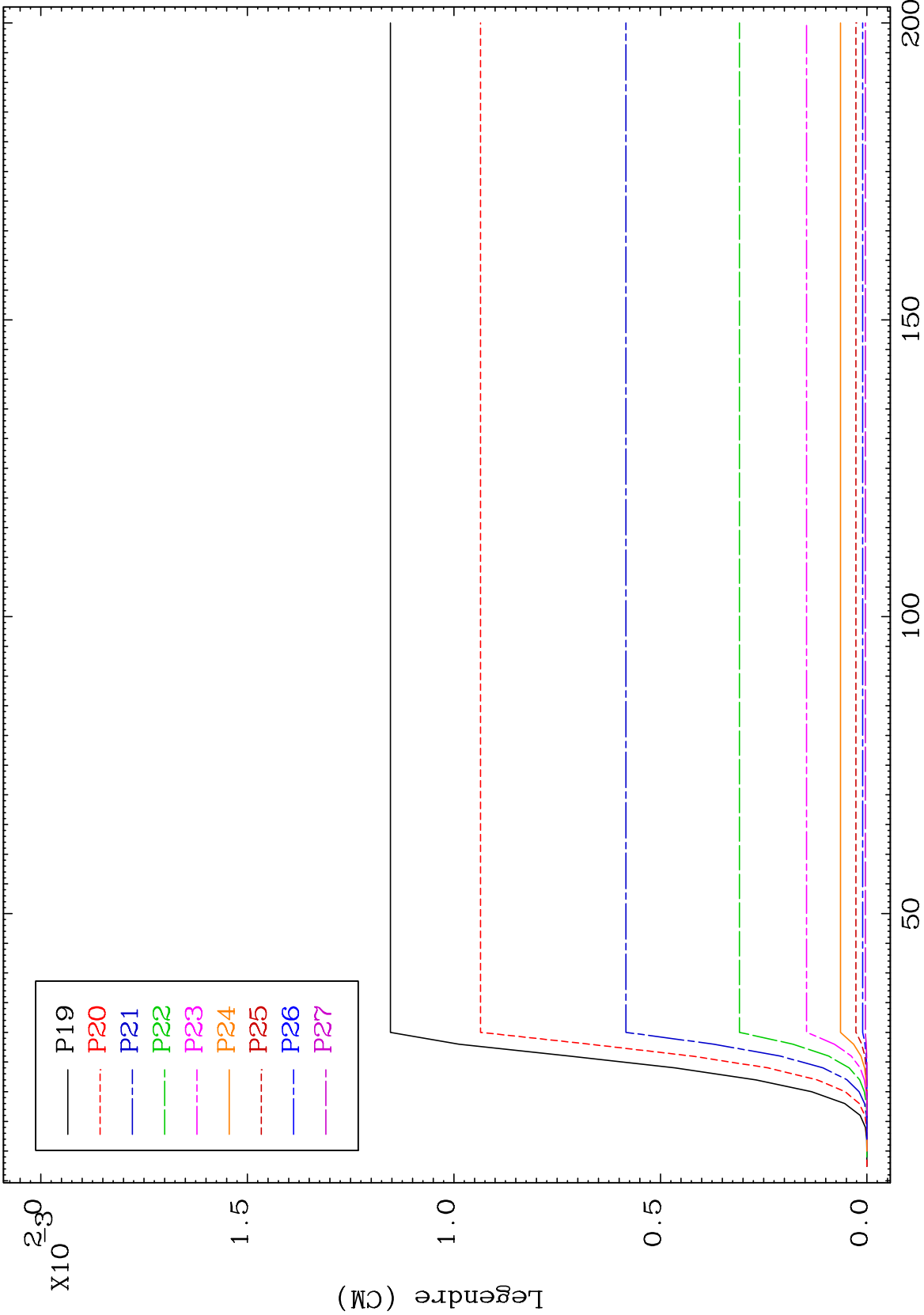
Incident Energy (MeV)

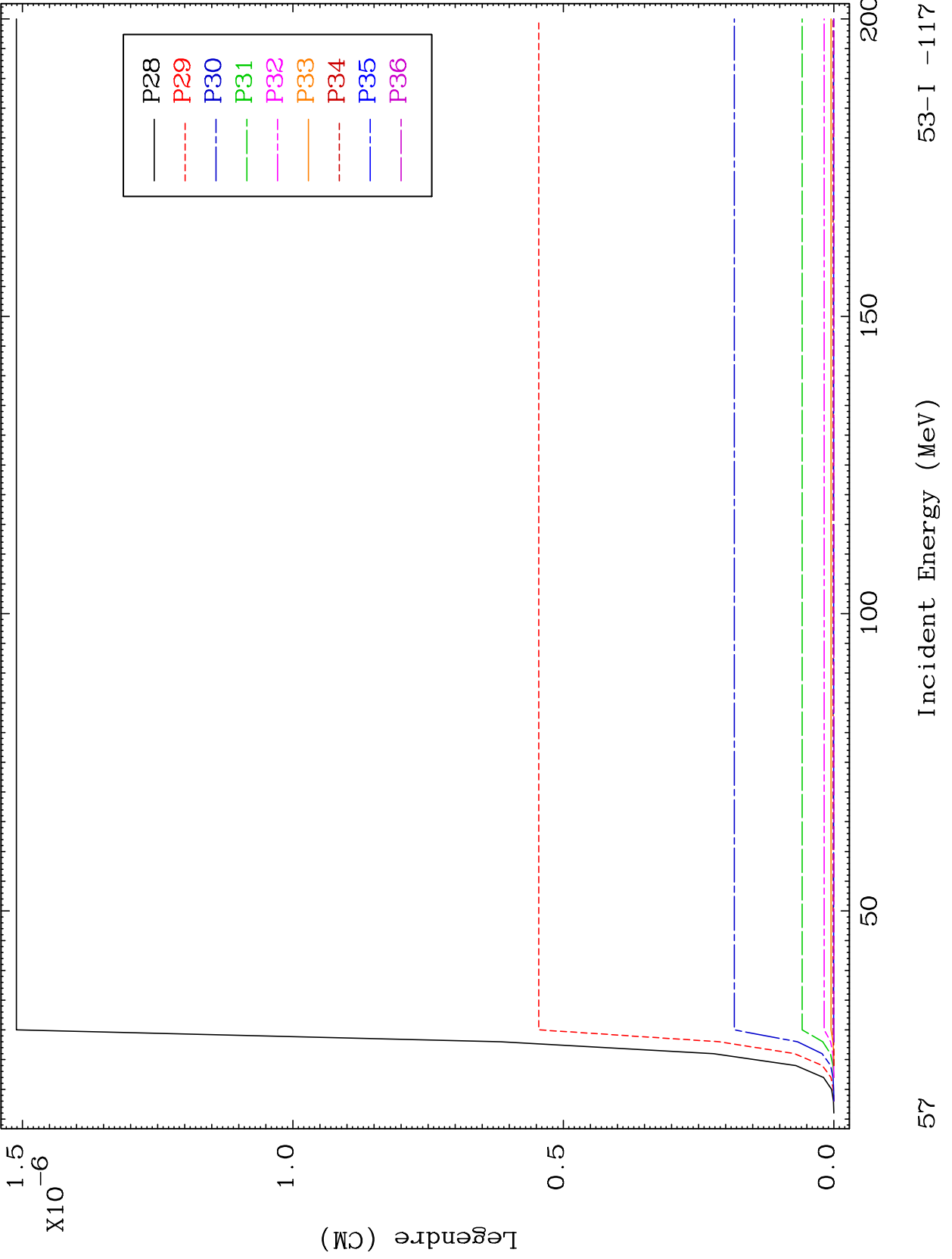








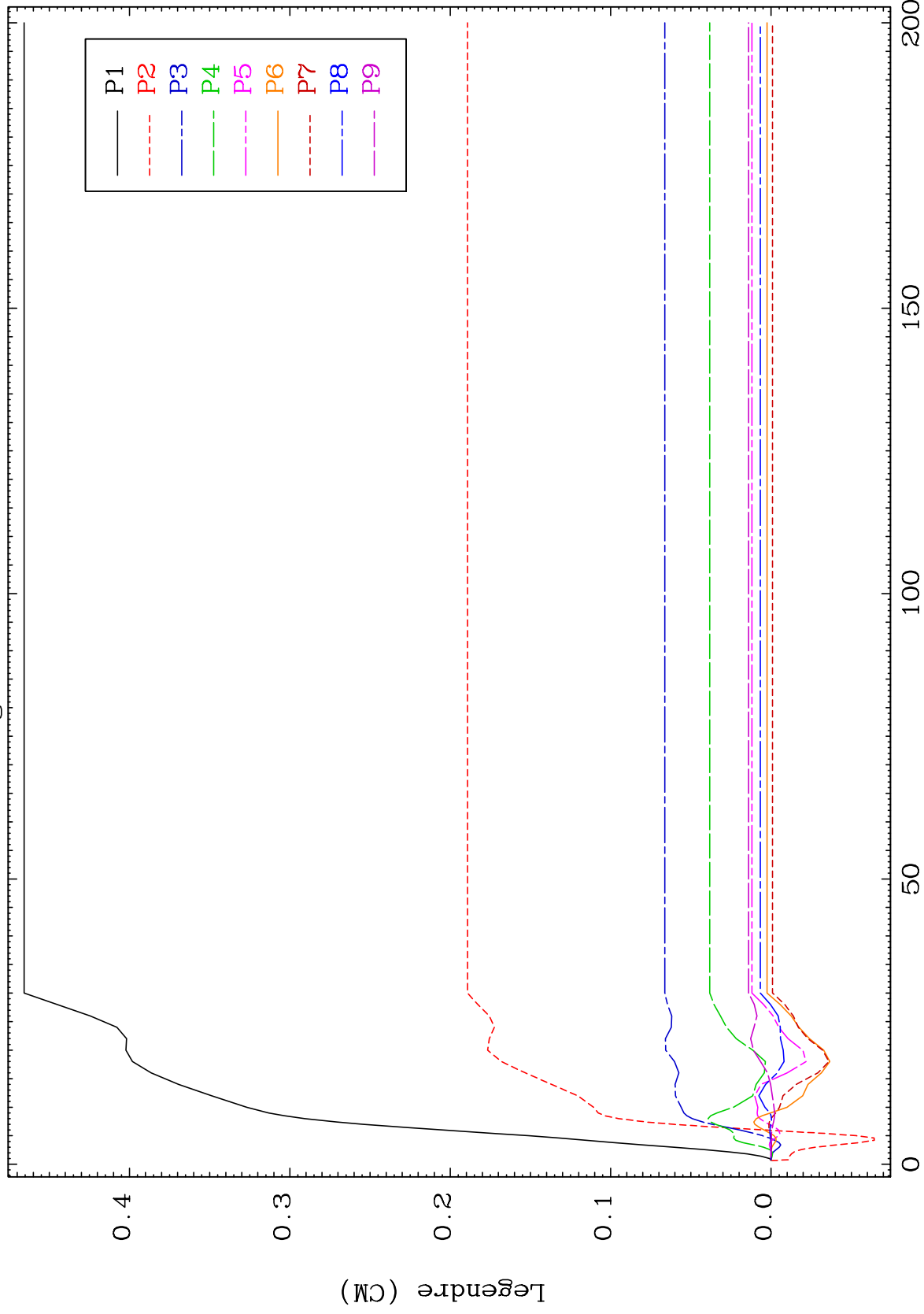




MAT 5295

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

53-I -117



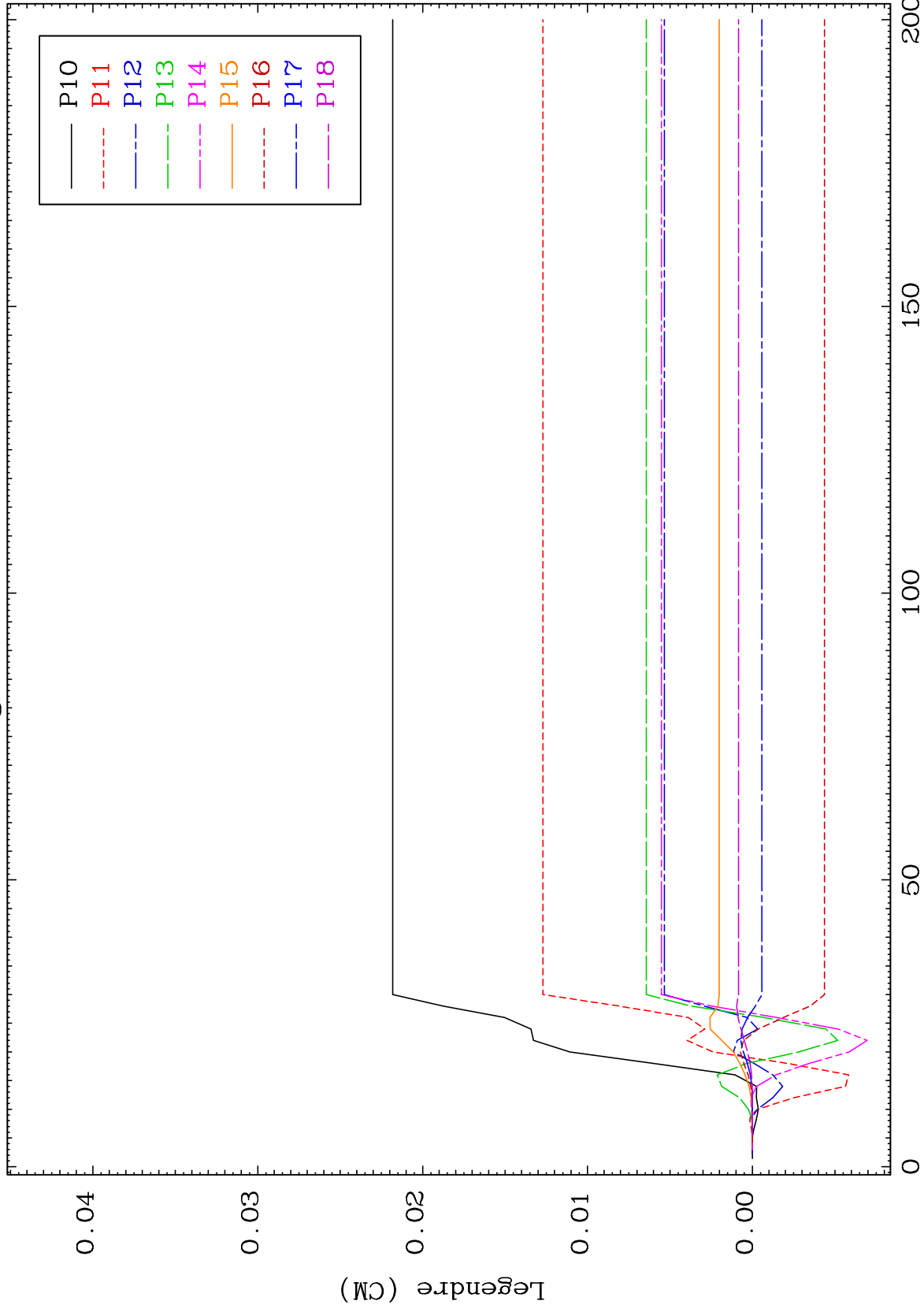
58

53-I -117

MAT 5295

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

53-I -117



59

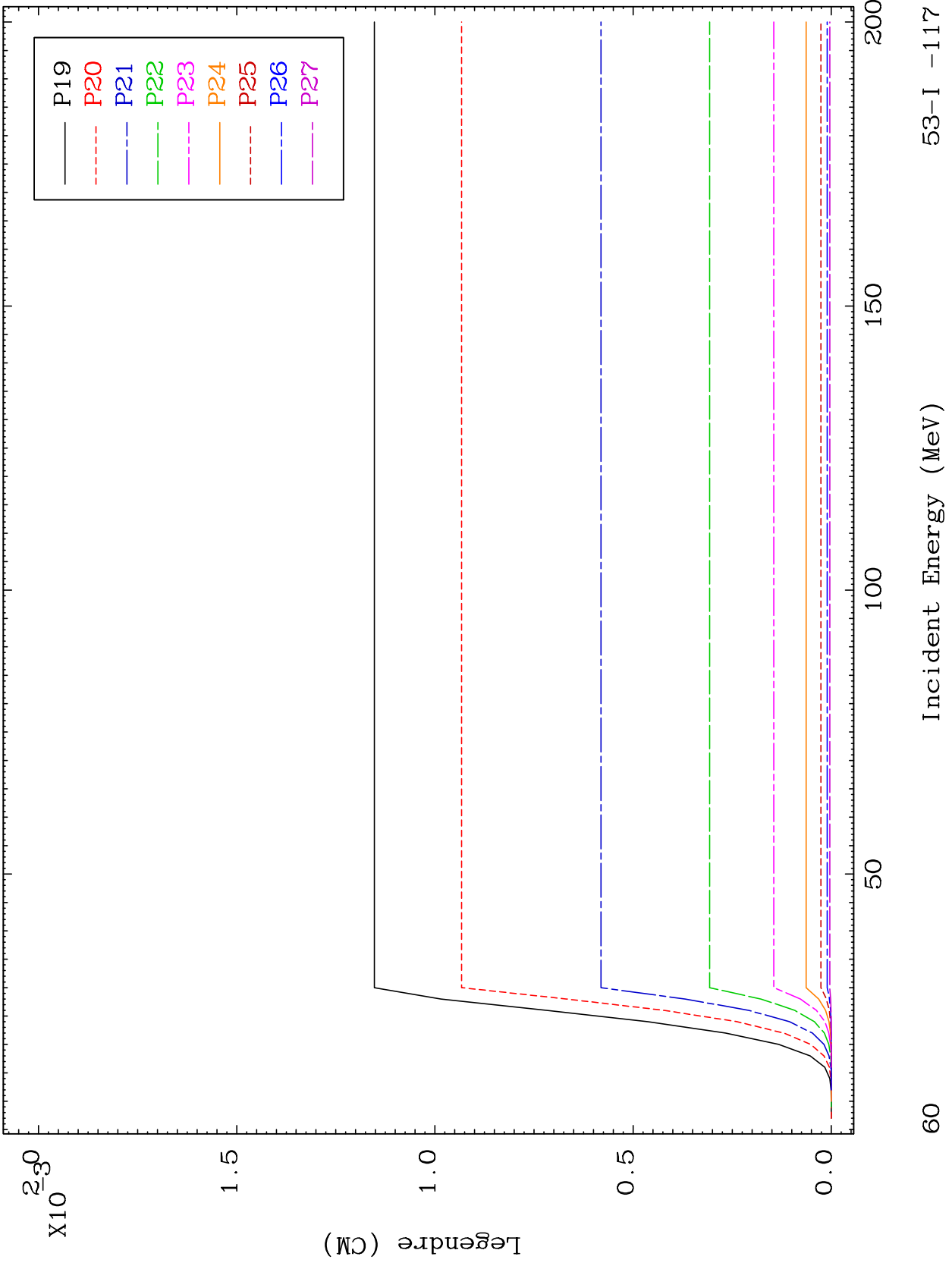
Incident Energy (MeV)

53-I -117

MAT 5295

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

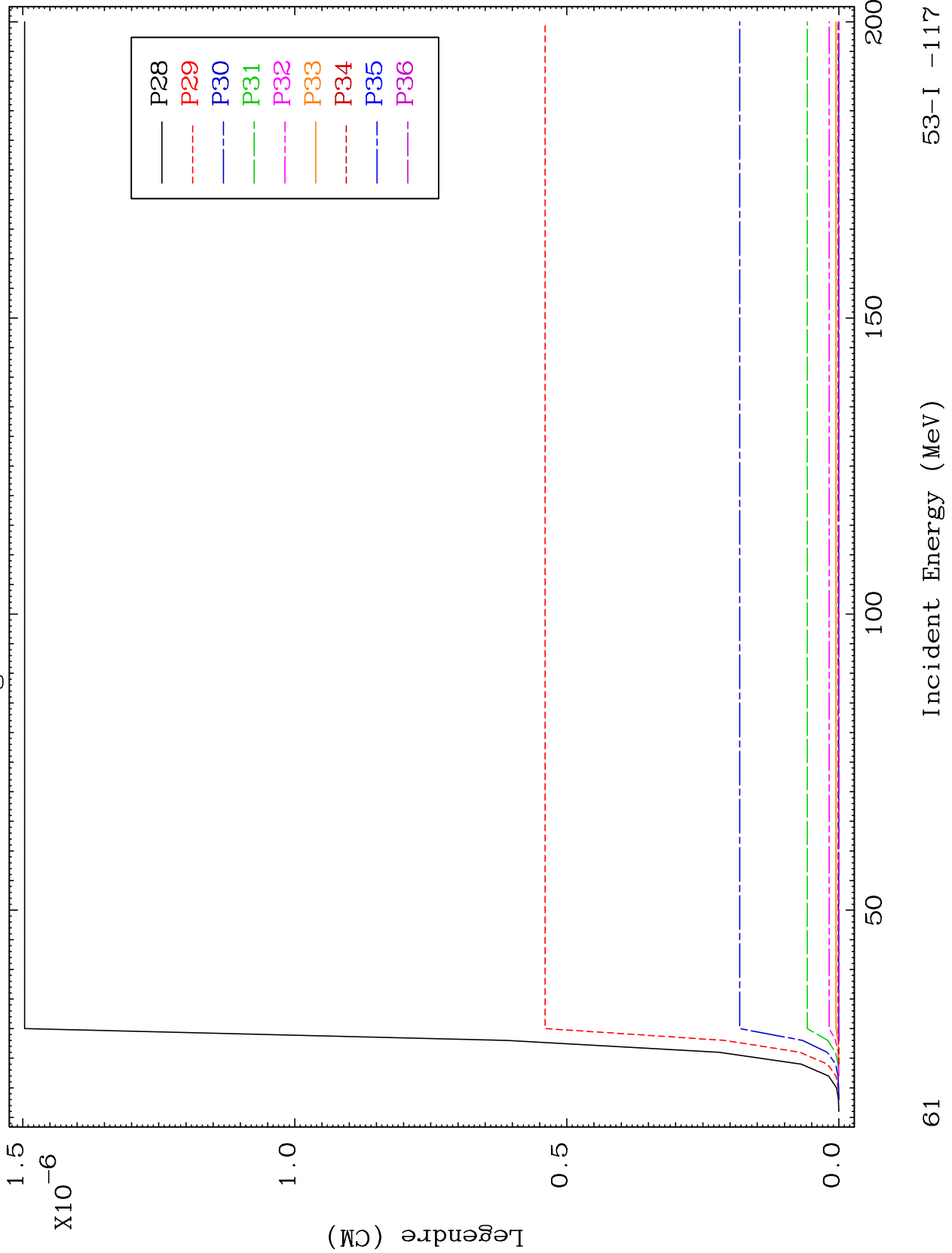
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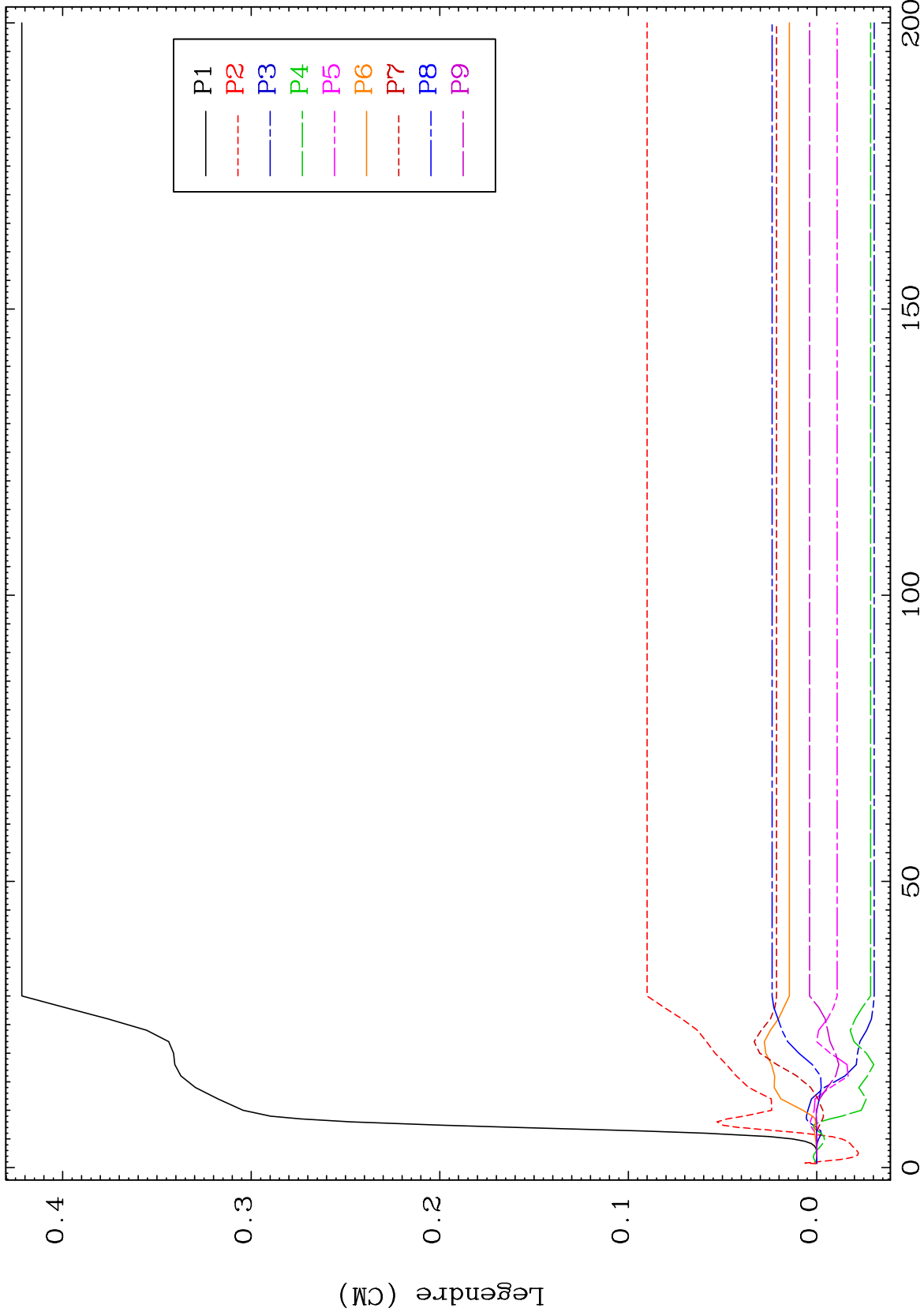


60

Incident Energy (MeV)

53-I -117

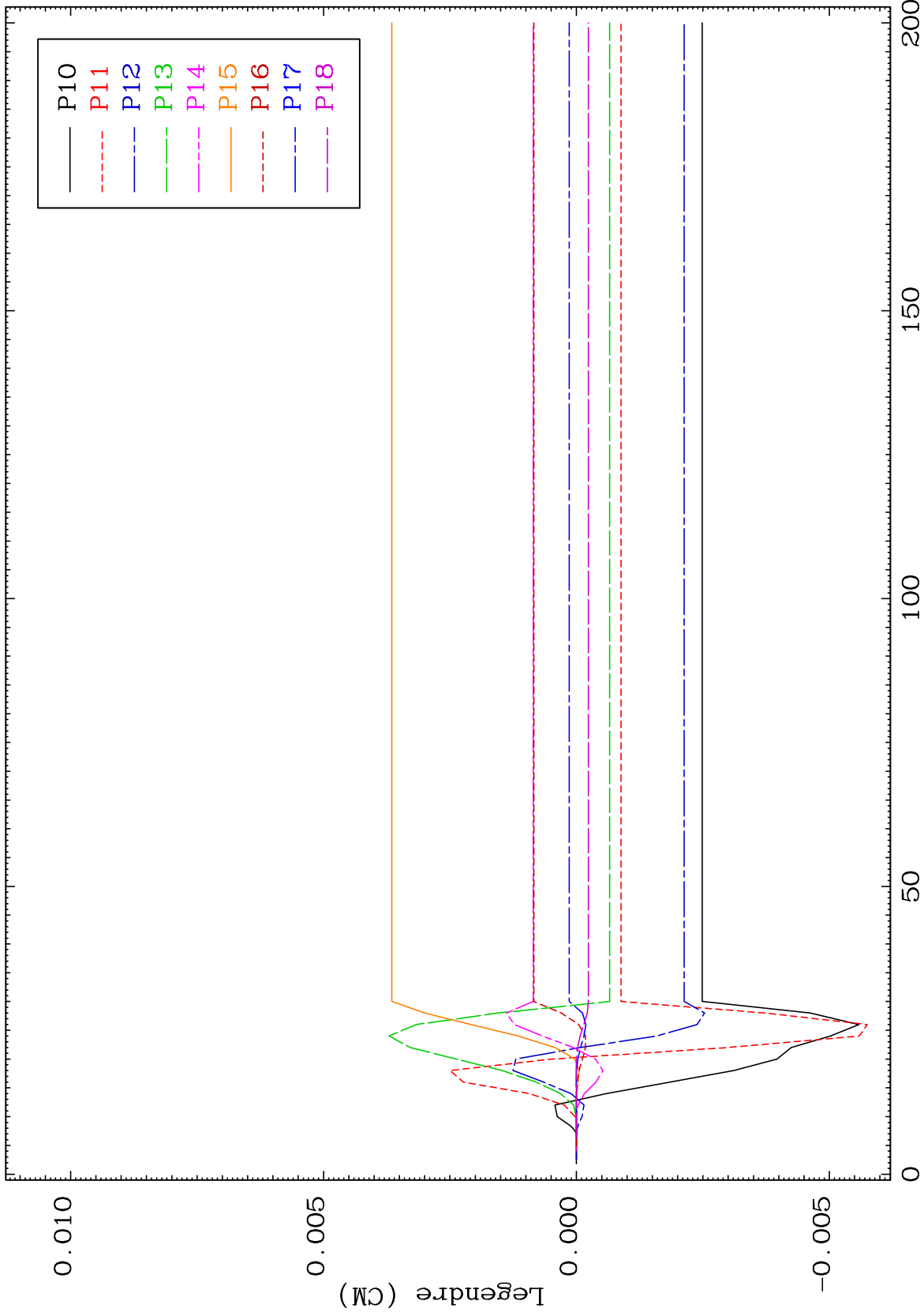




MAT 5295

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

53-I -117



63

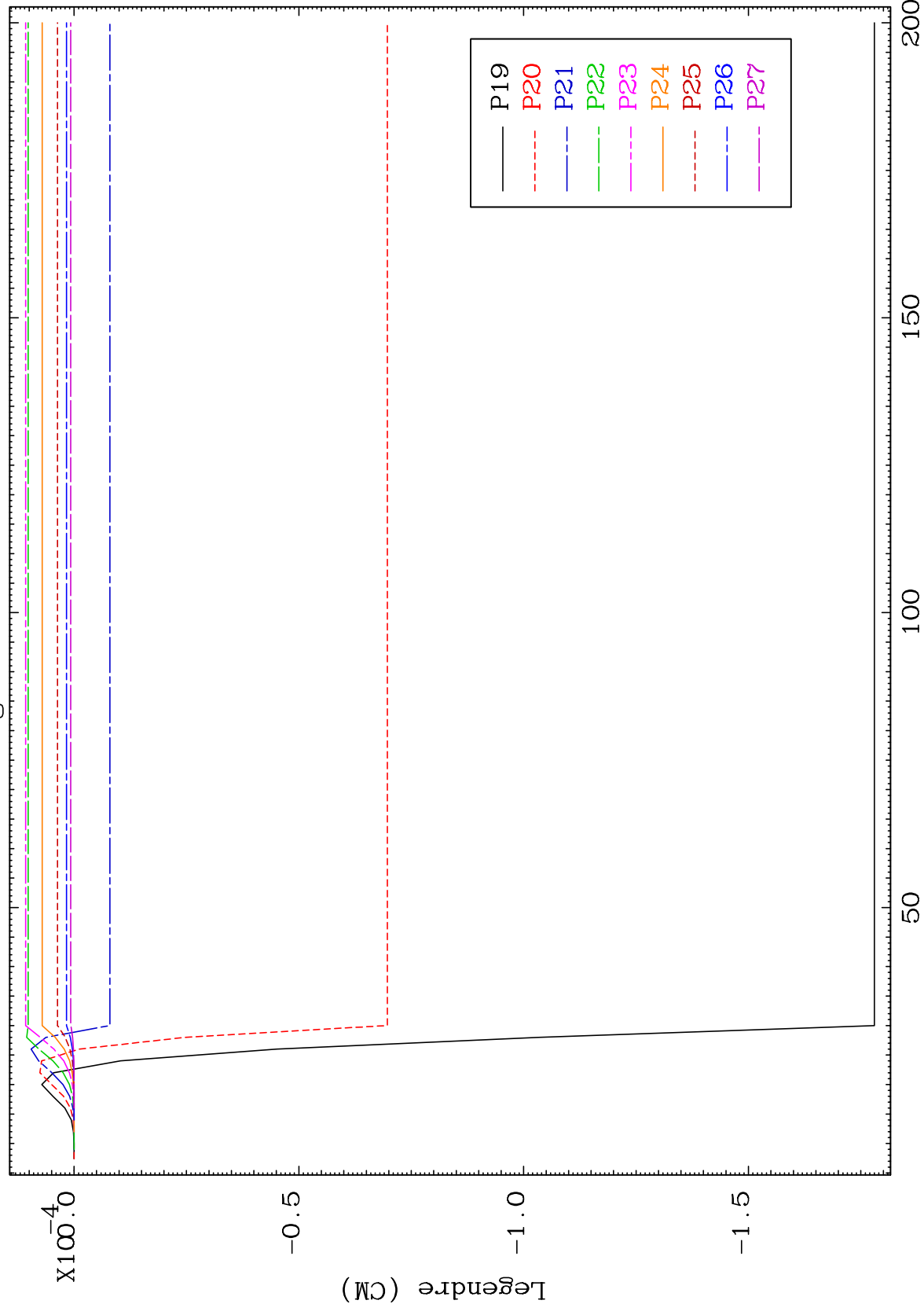
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



64

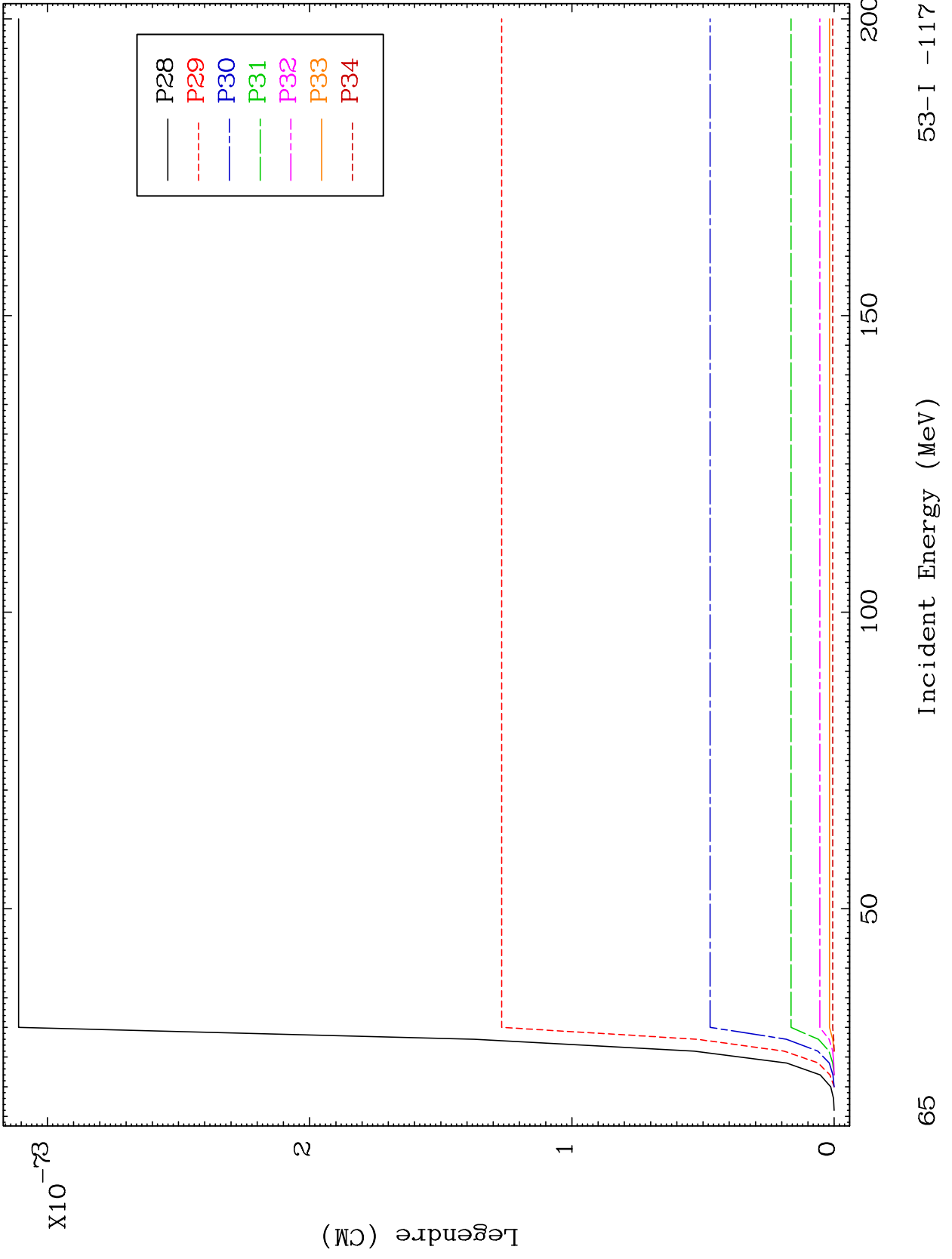
Incident Energy (MeV)

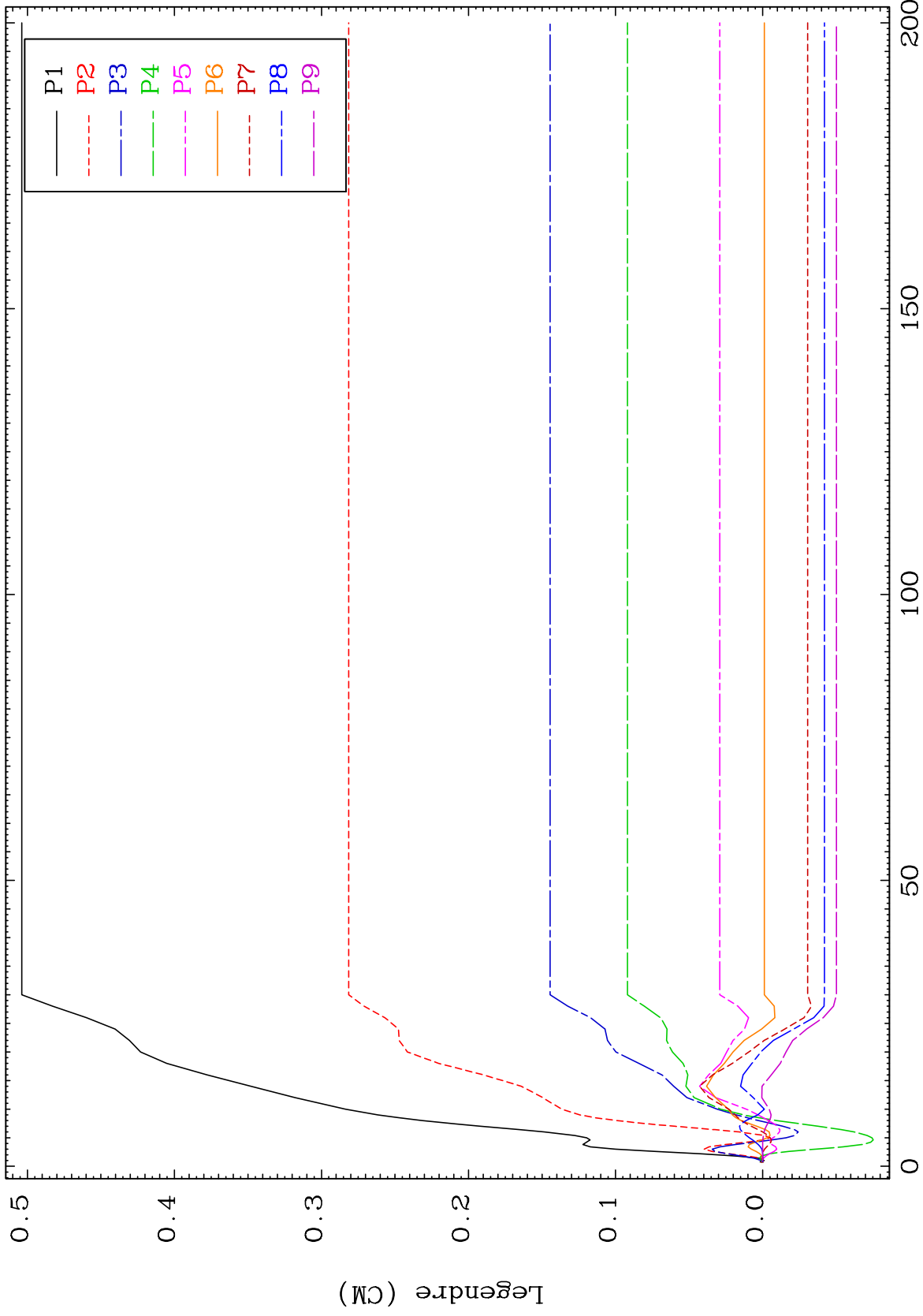
53-I -117

MAT 5295

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

53-I -117

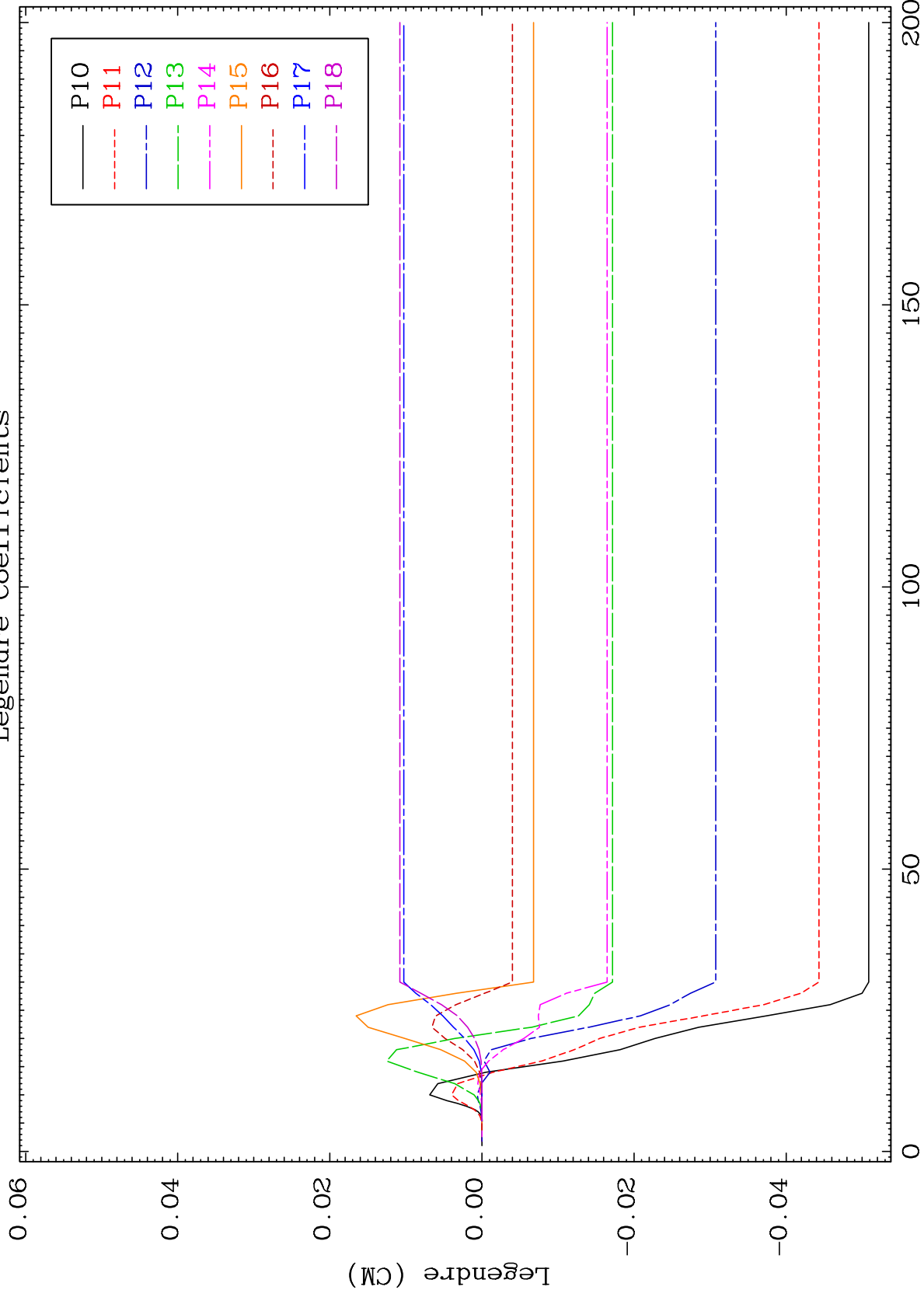




MAT 5295

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

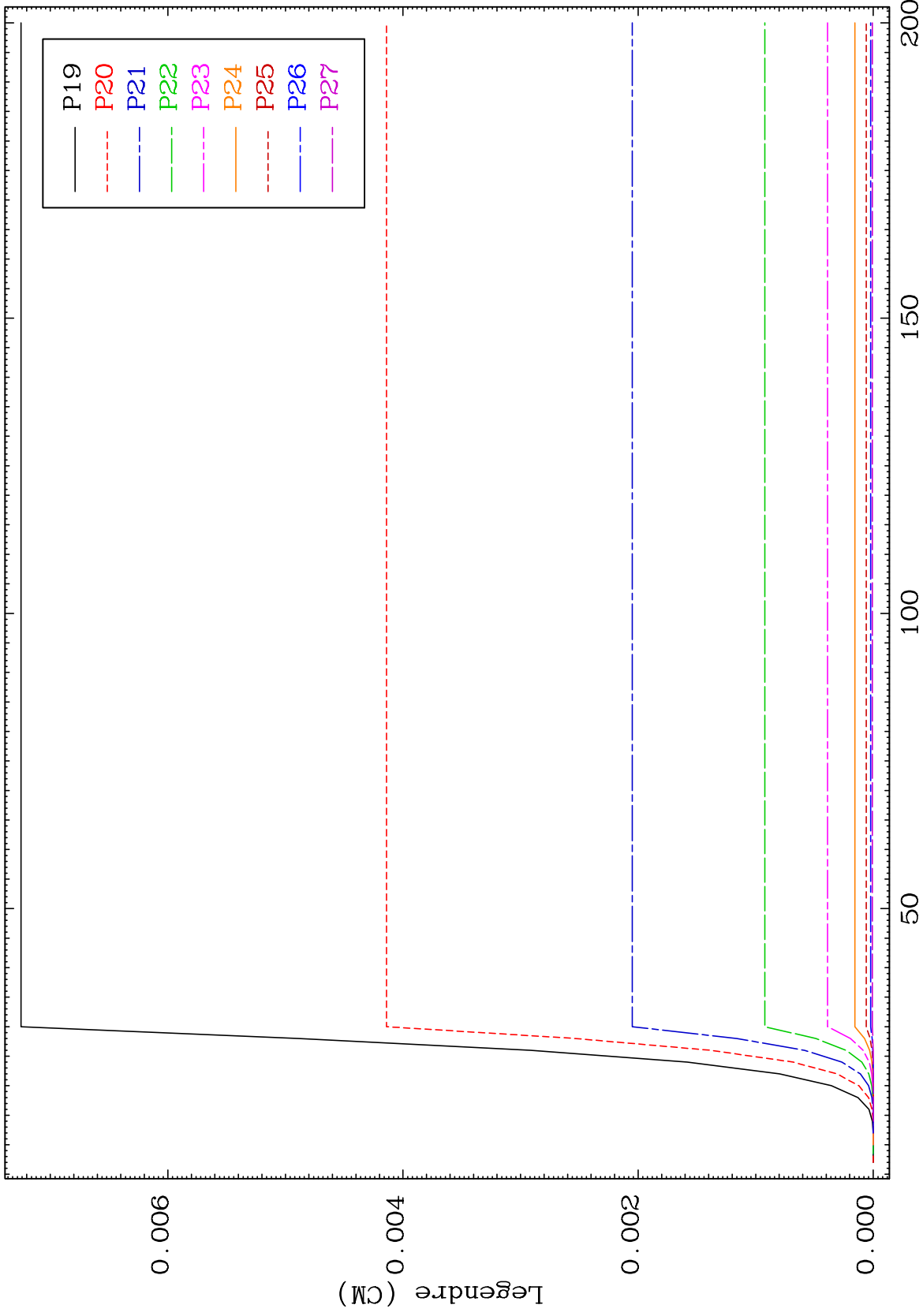
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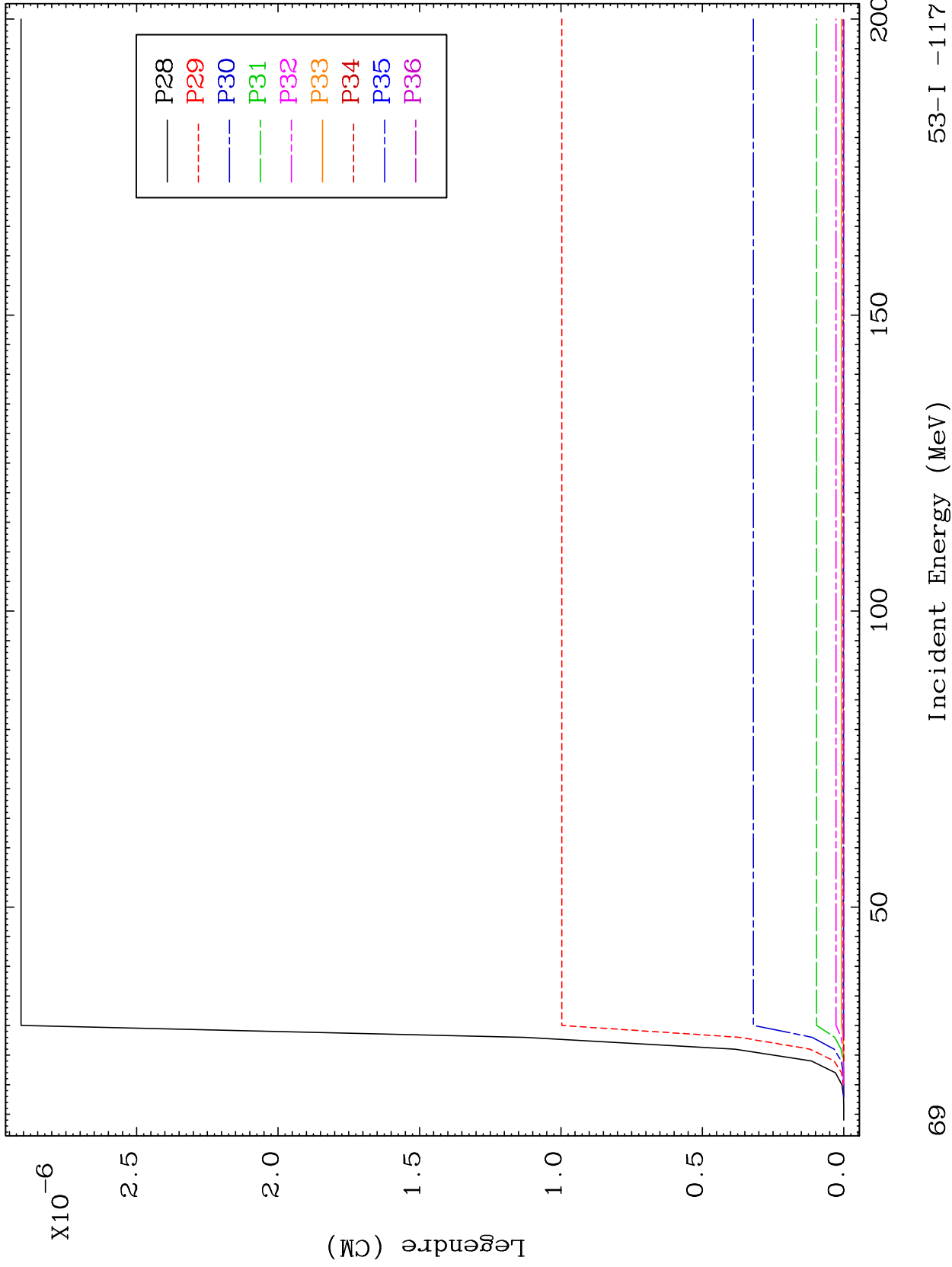


67

Incident Energy (MeV)

53-I -117

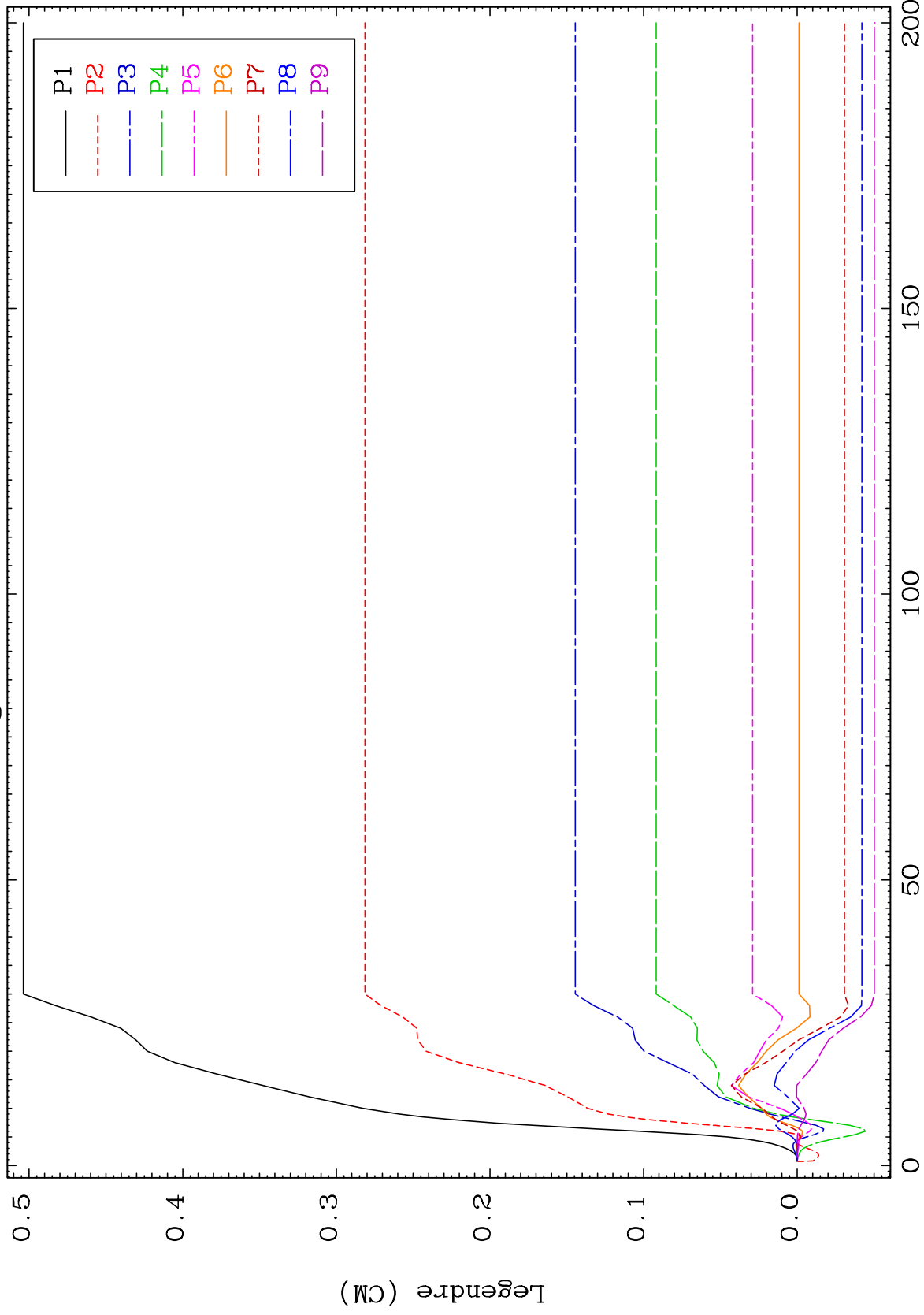




MAT 5295

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

53-I -117



53-I -117

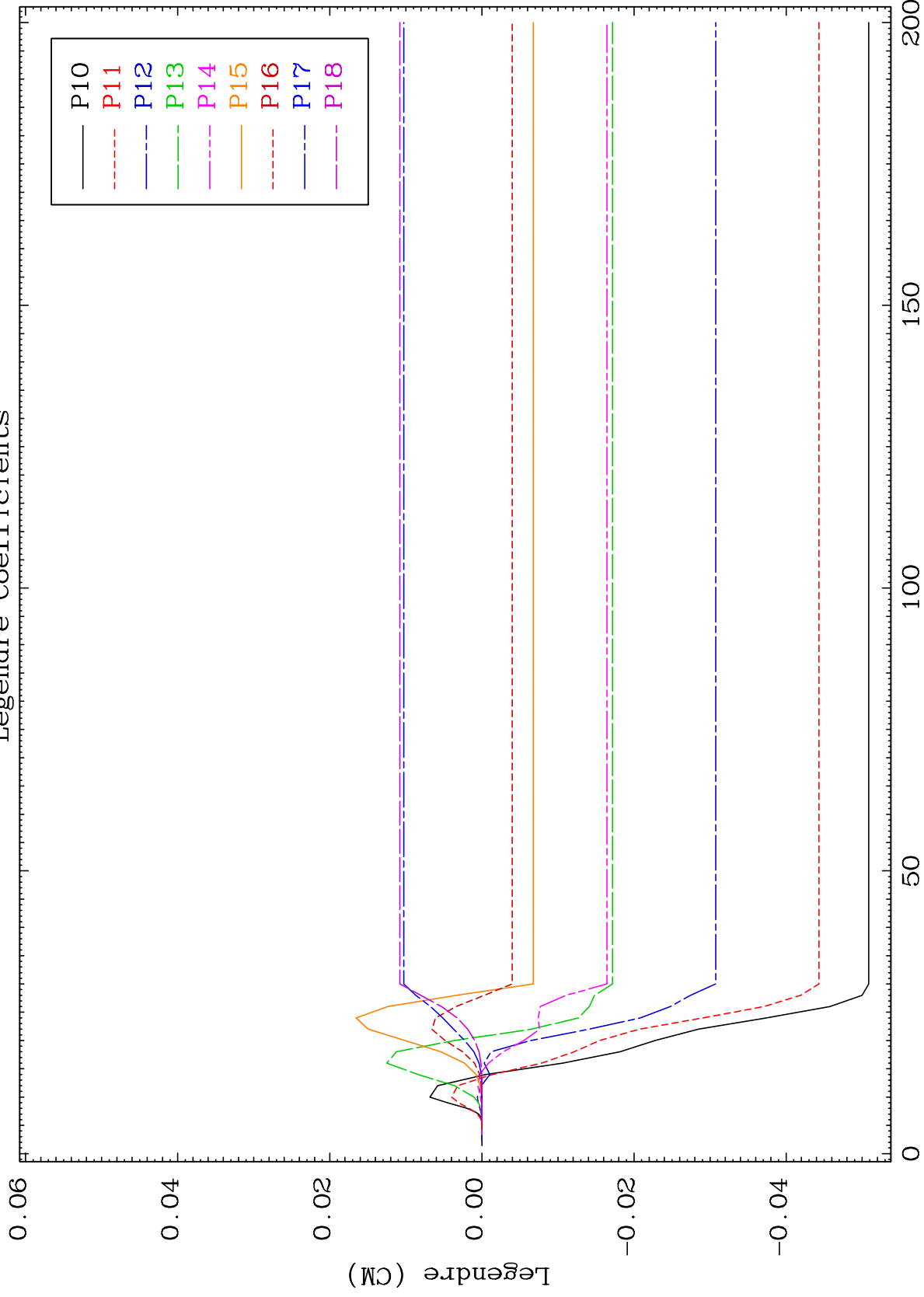
Incident Energy (MeV)

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MAT 5295

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

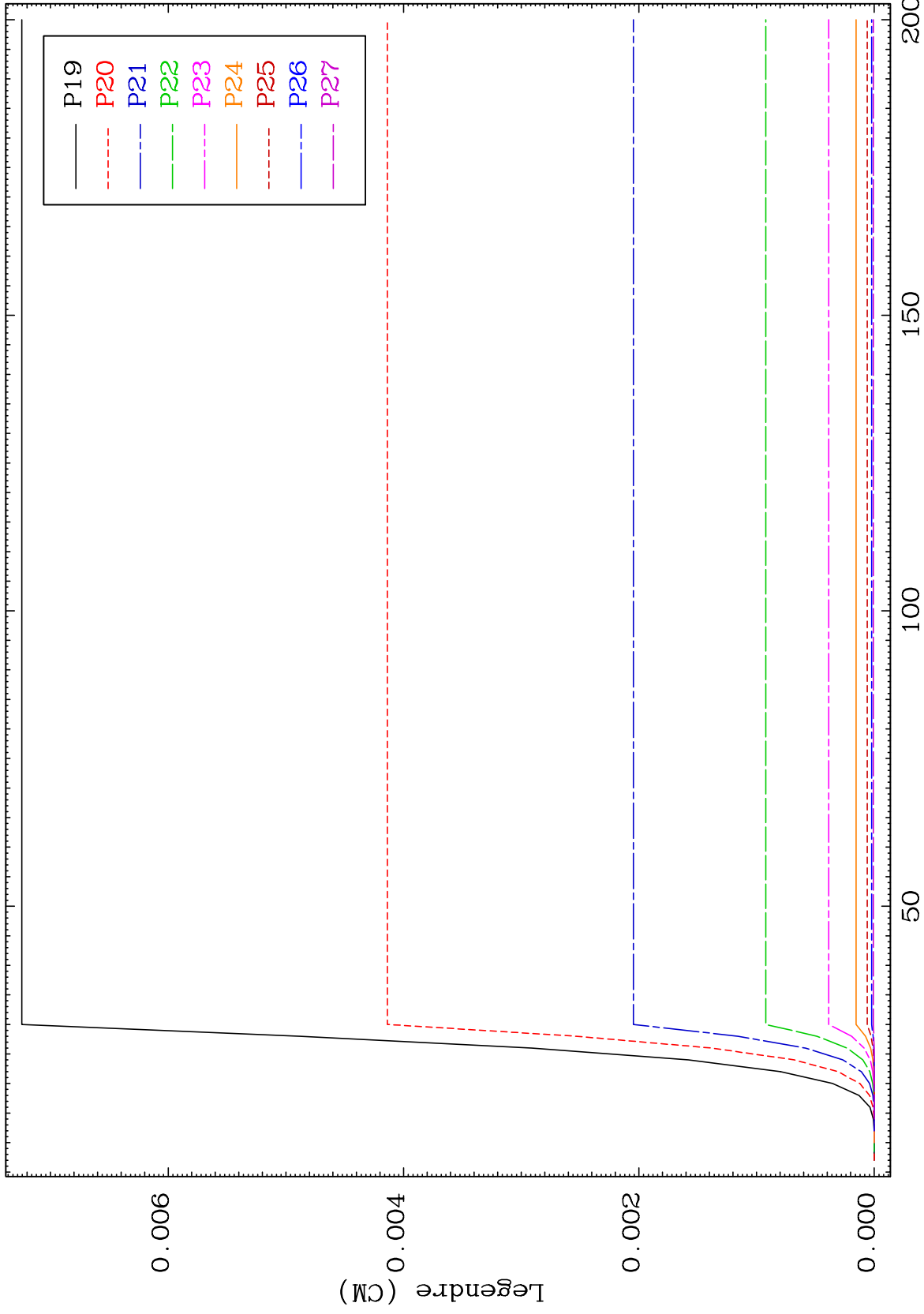
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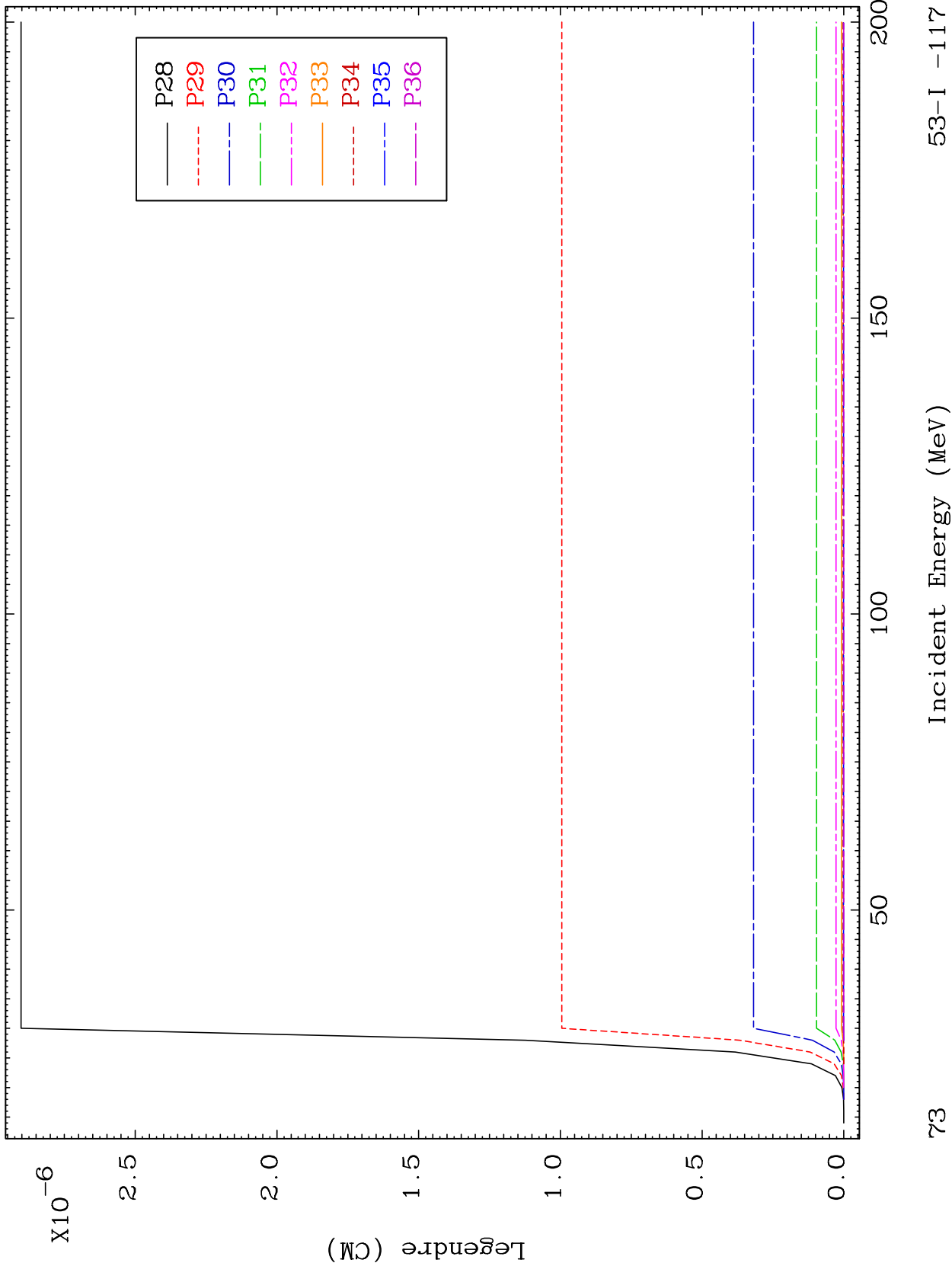


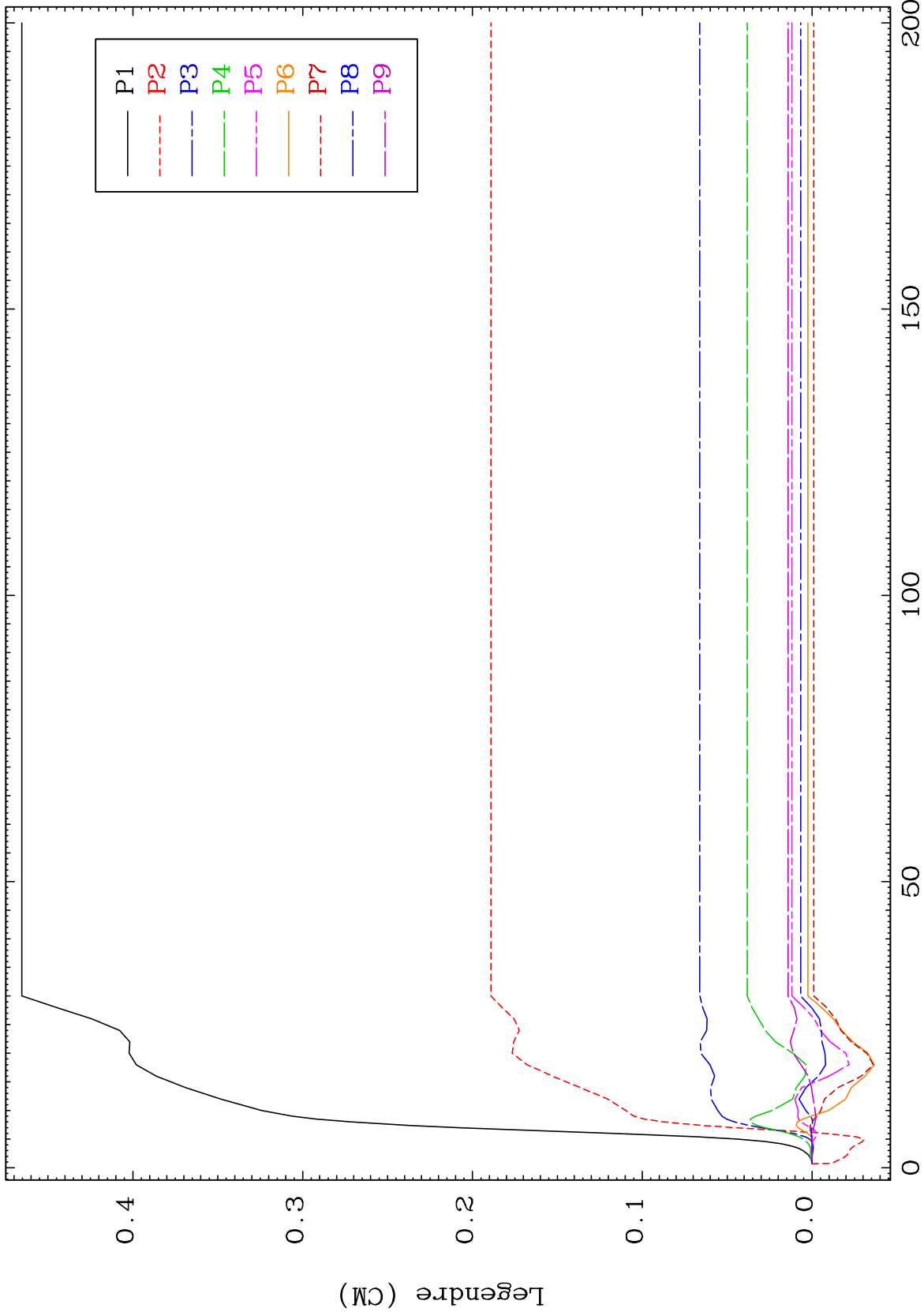
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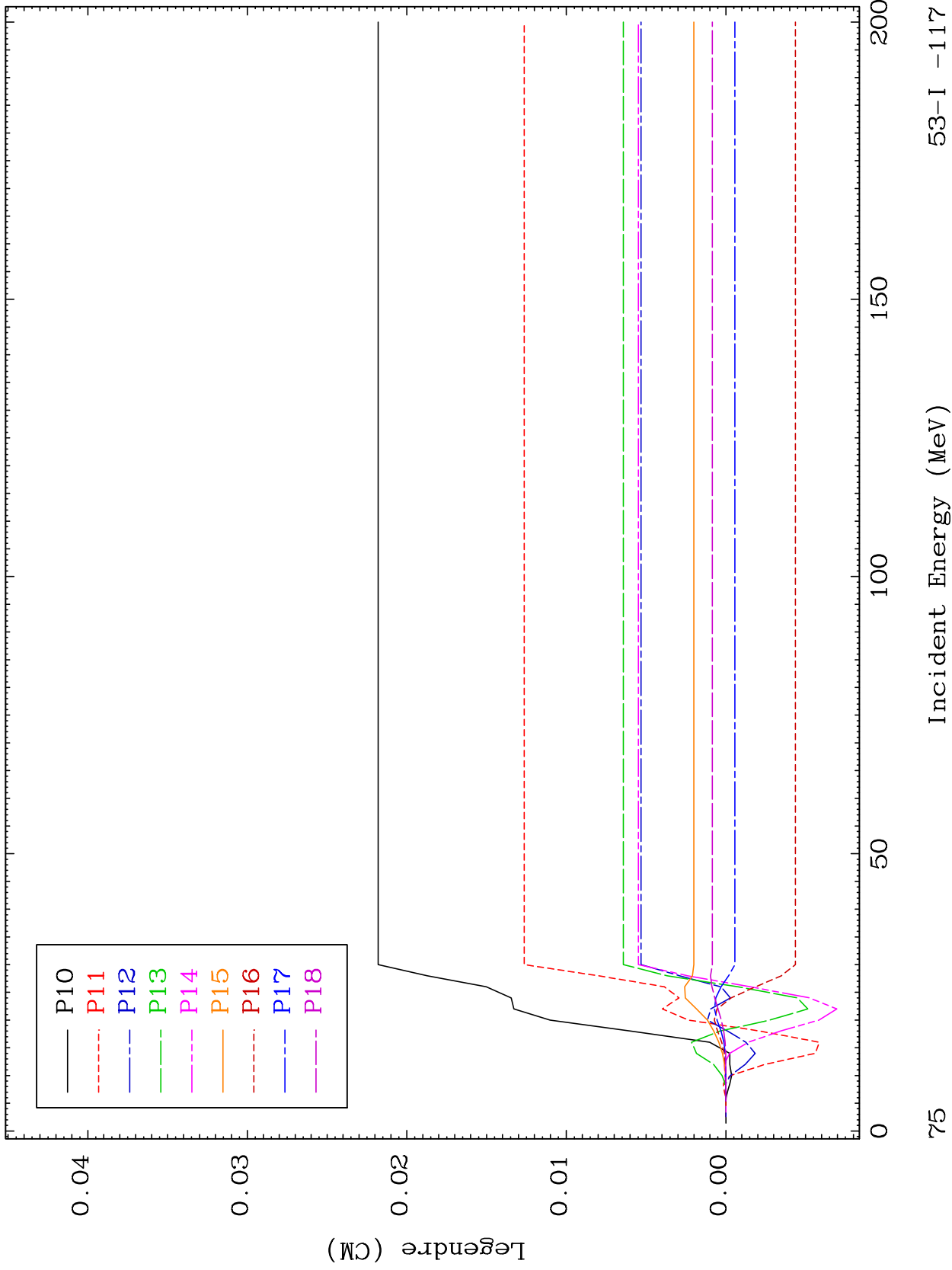
Incident Energy (MeV)

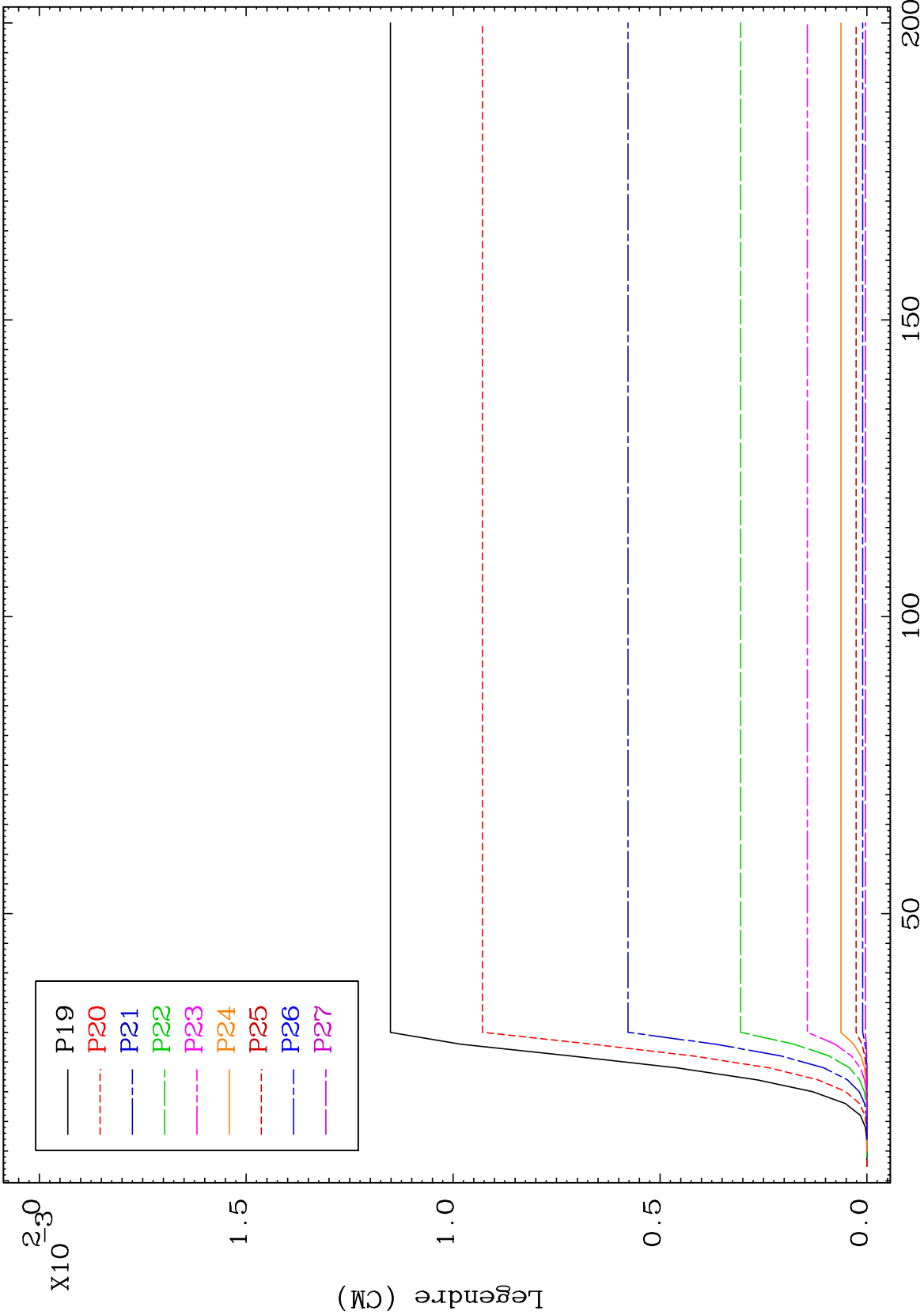
53-I -117

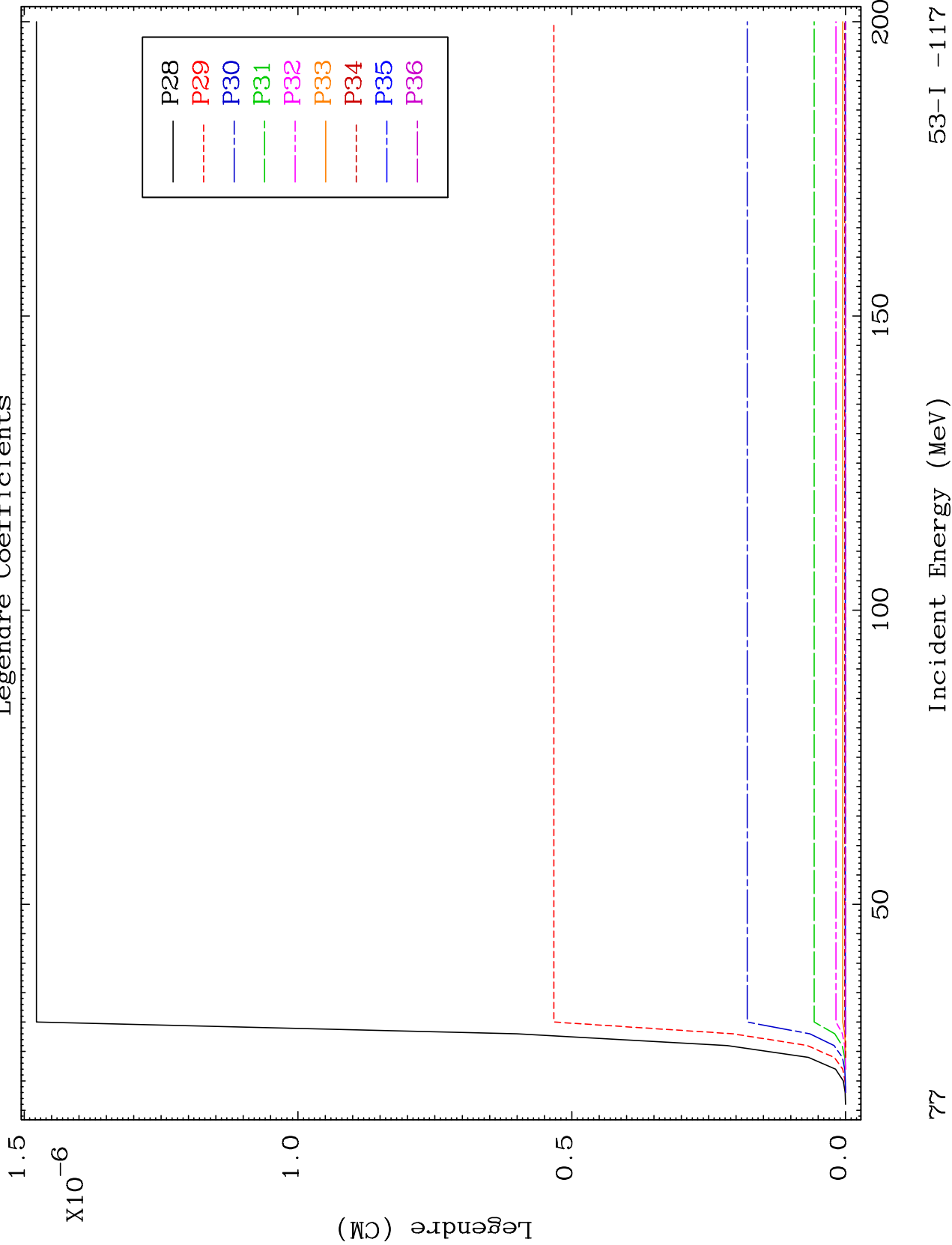


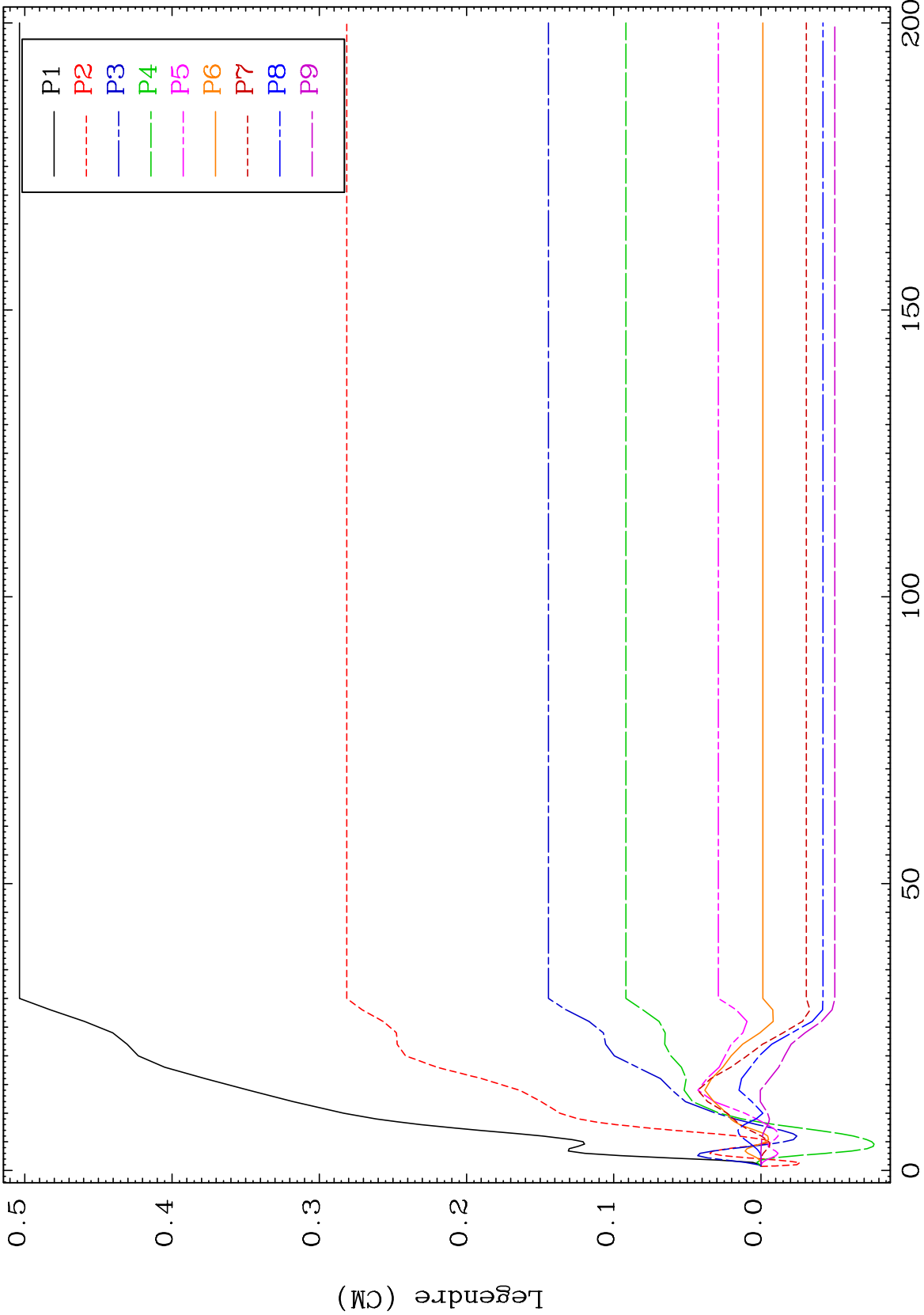








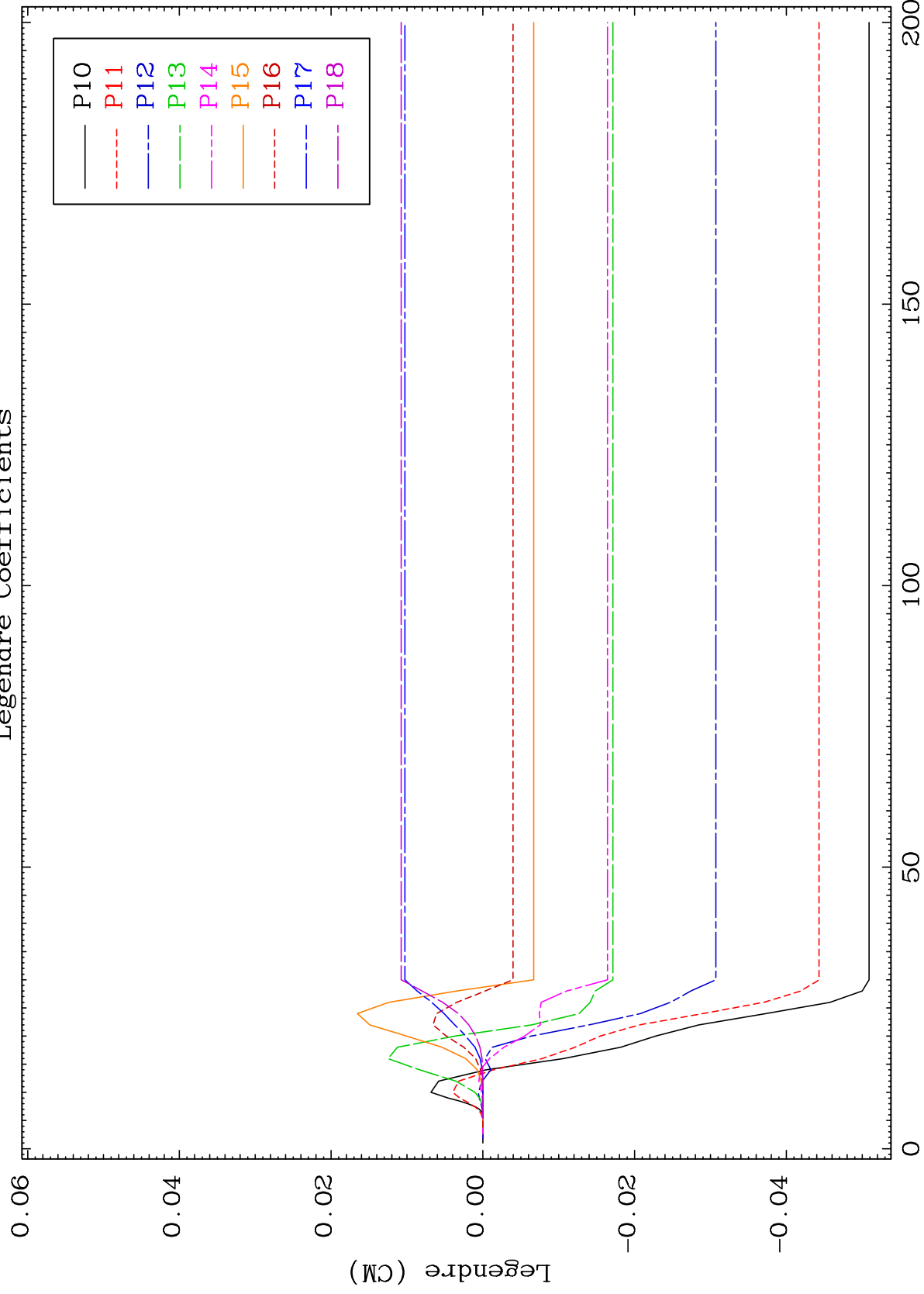




MAT 5295

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

53-I -117



79

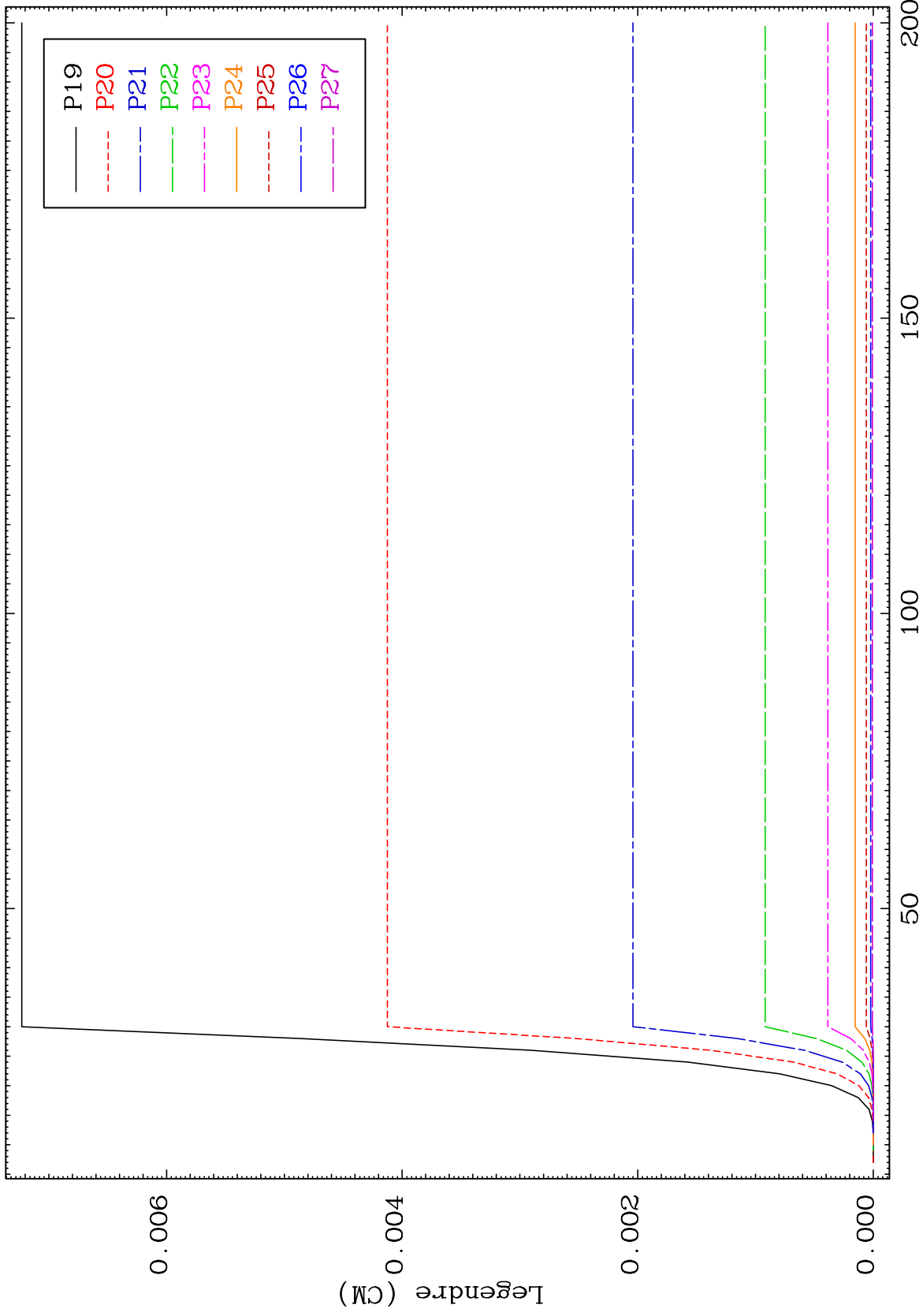
Incident Energy (MeV)

53-I -117

MAT 5295

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

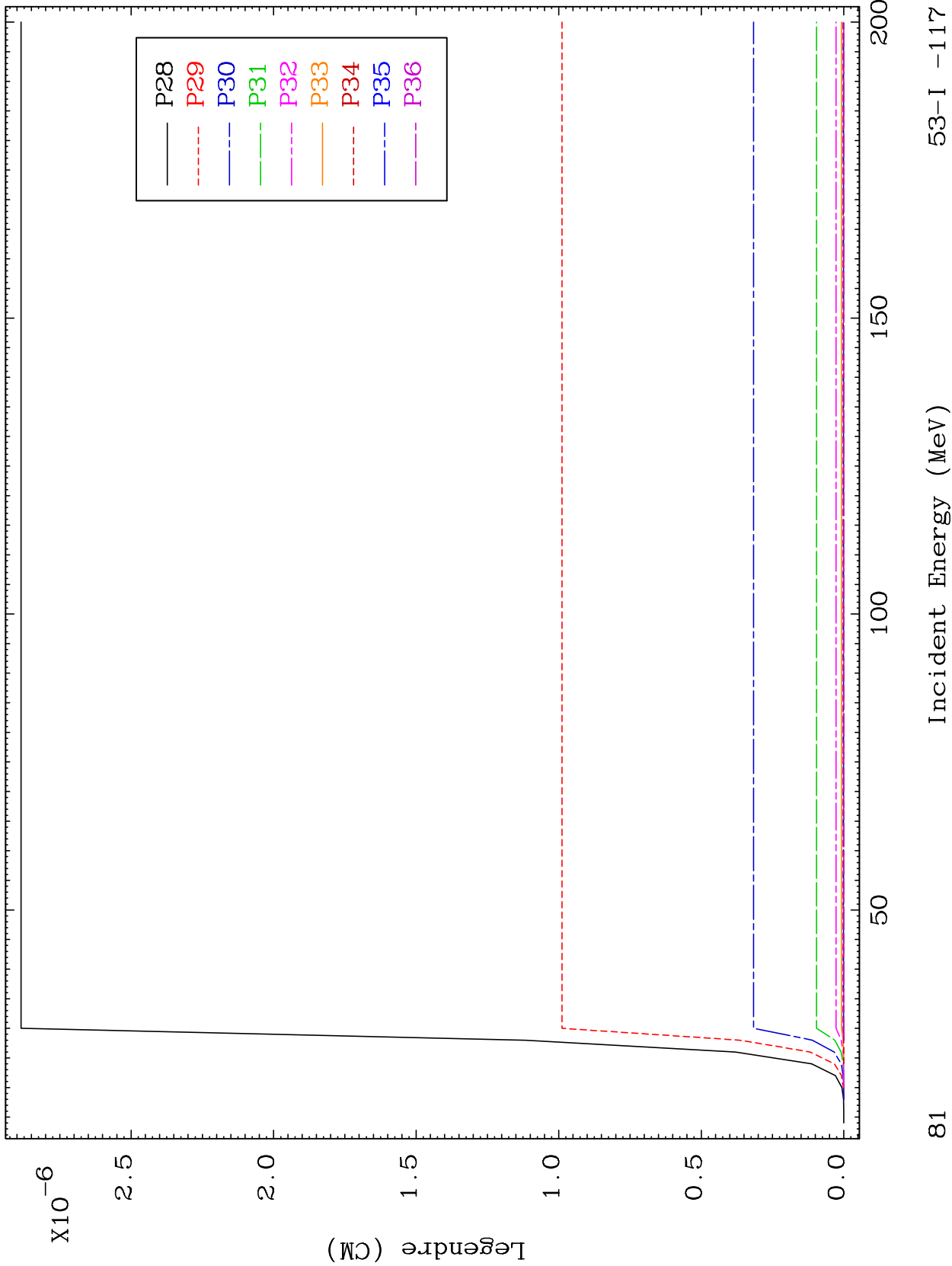
53-I -117

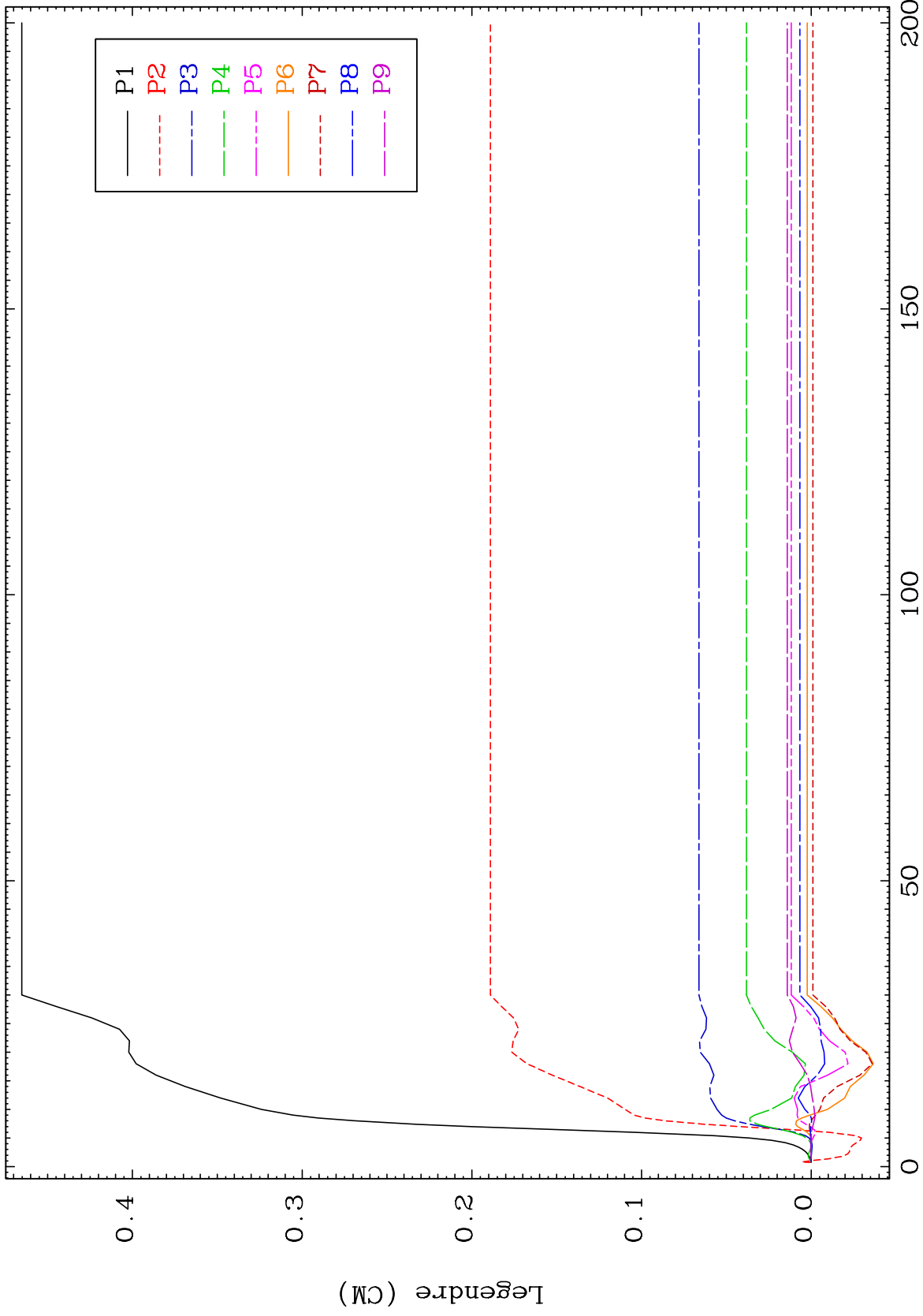


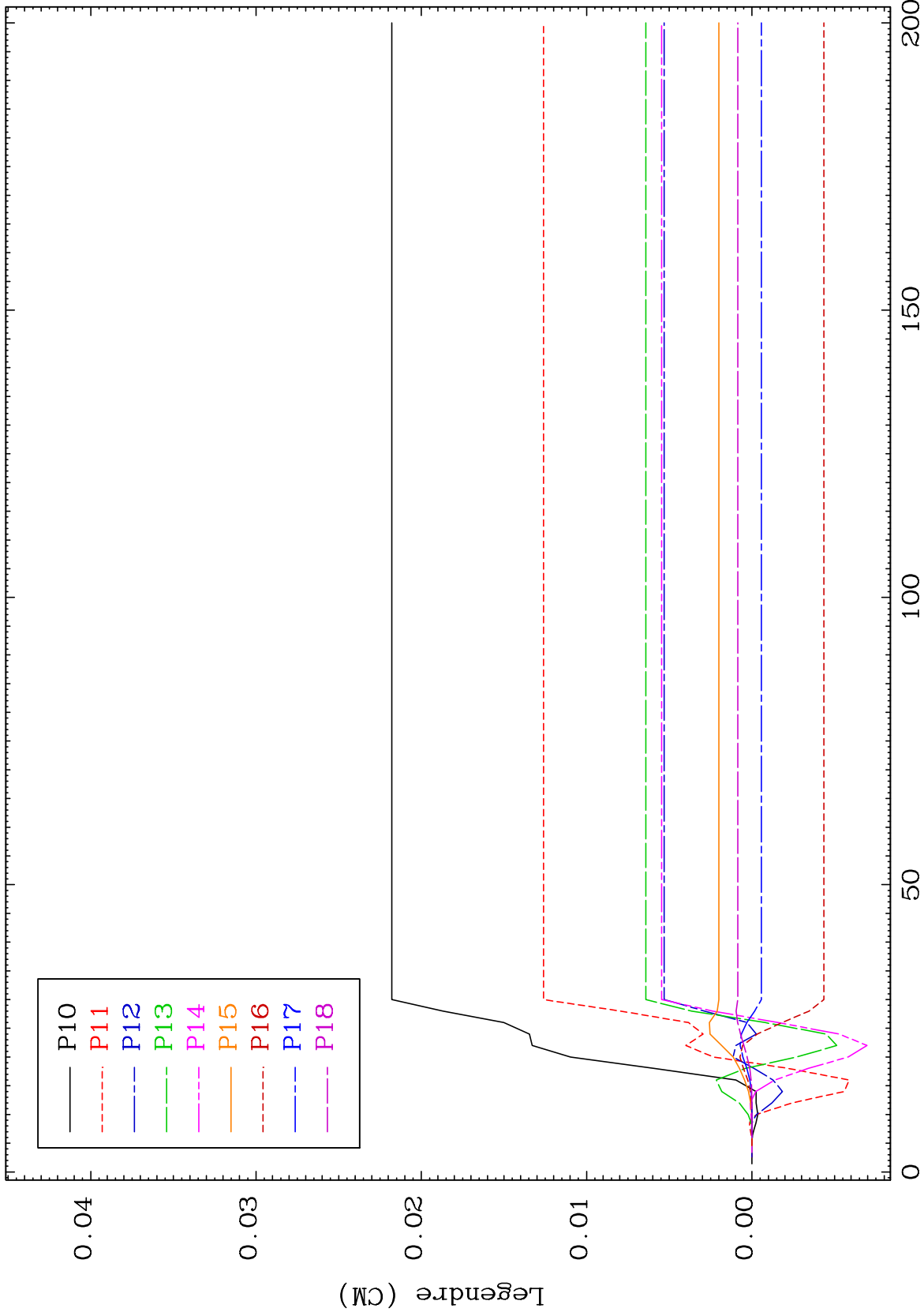
80

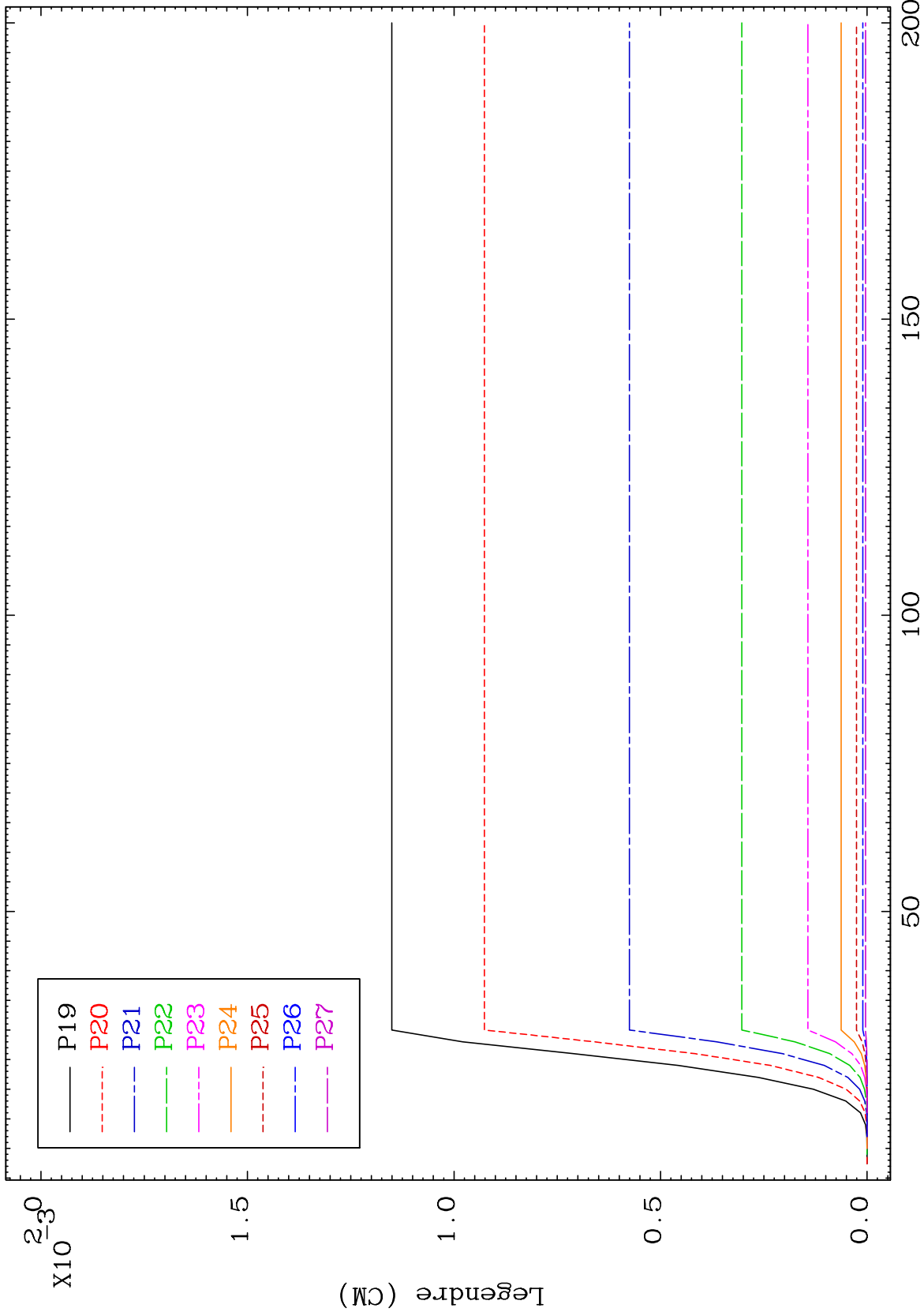
Incident Energy (MeV)

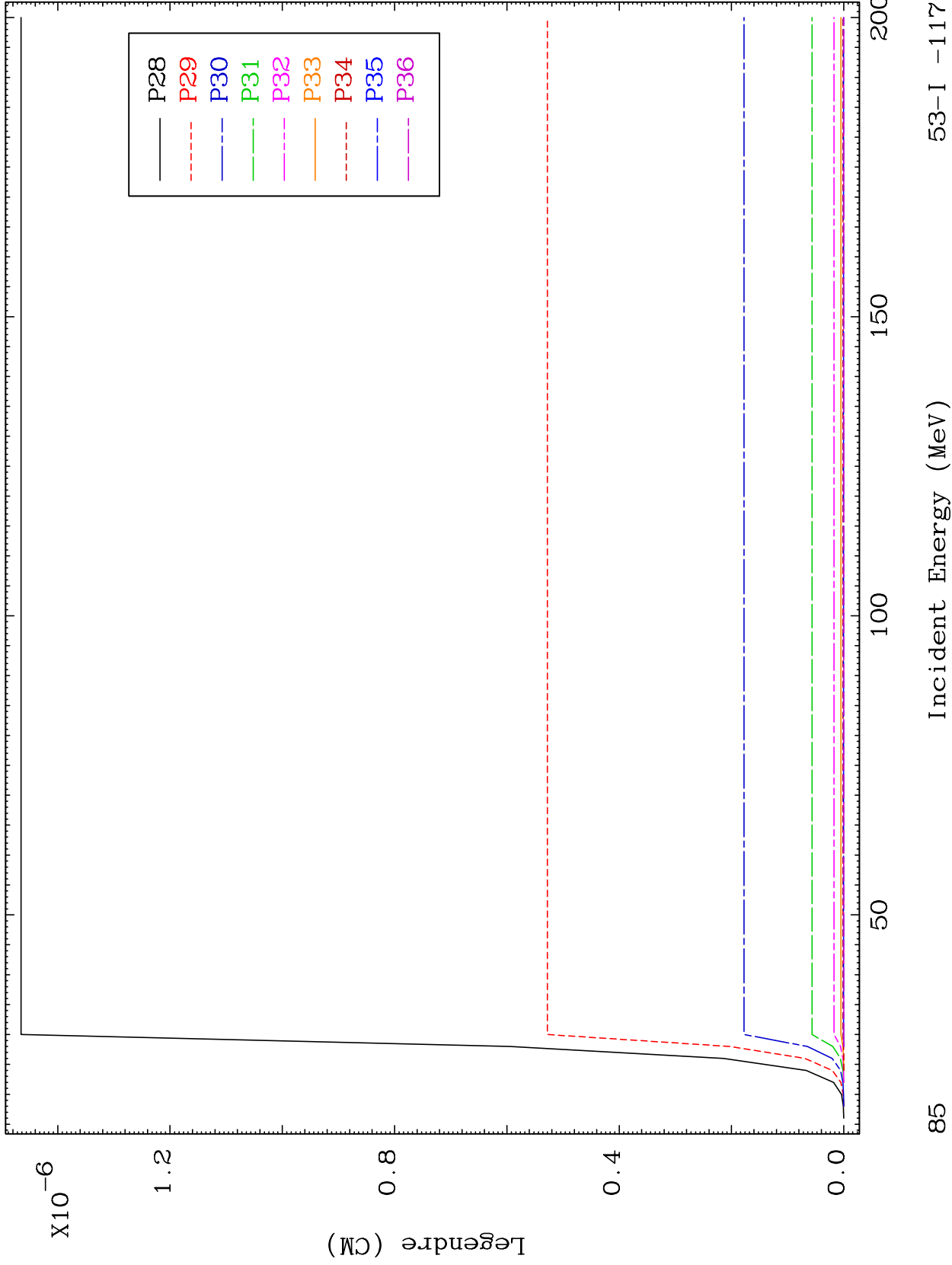
53-I -117

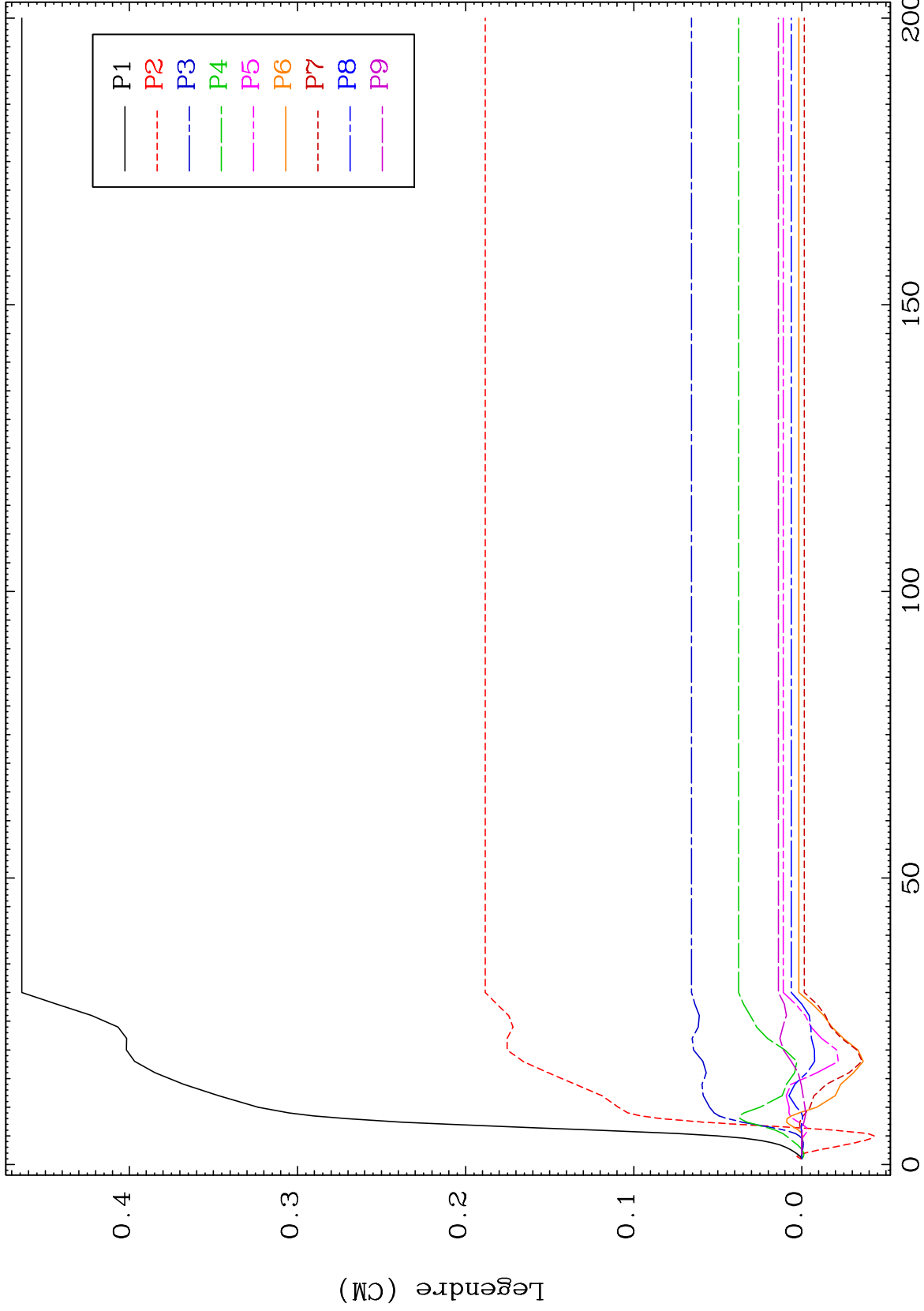


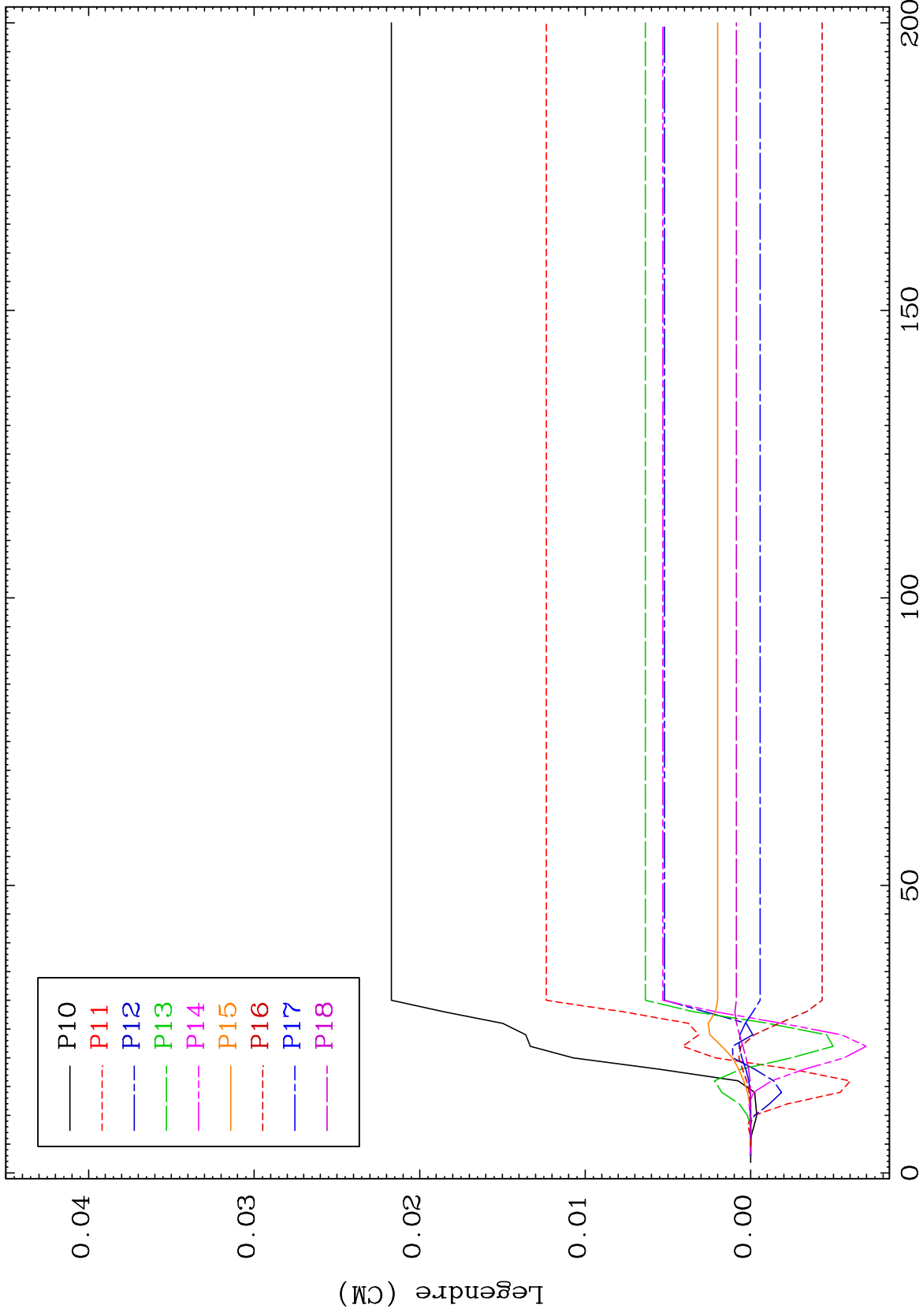


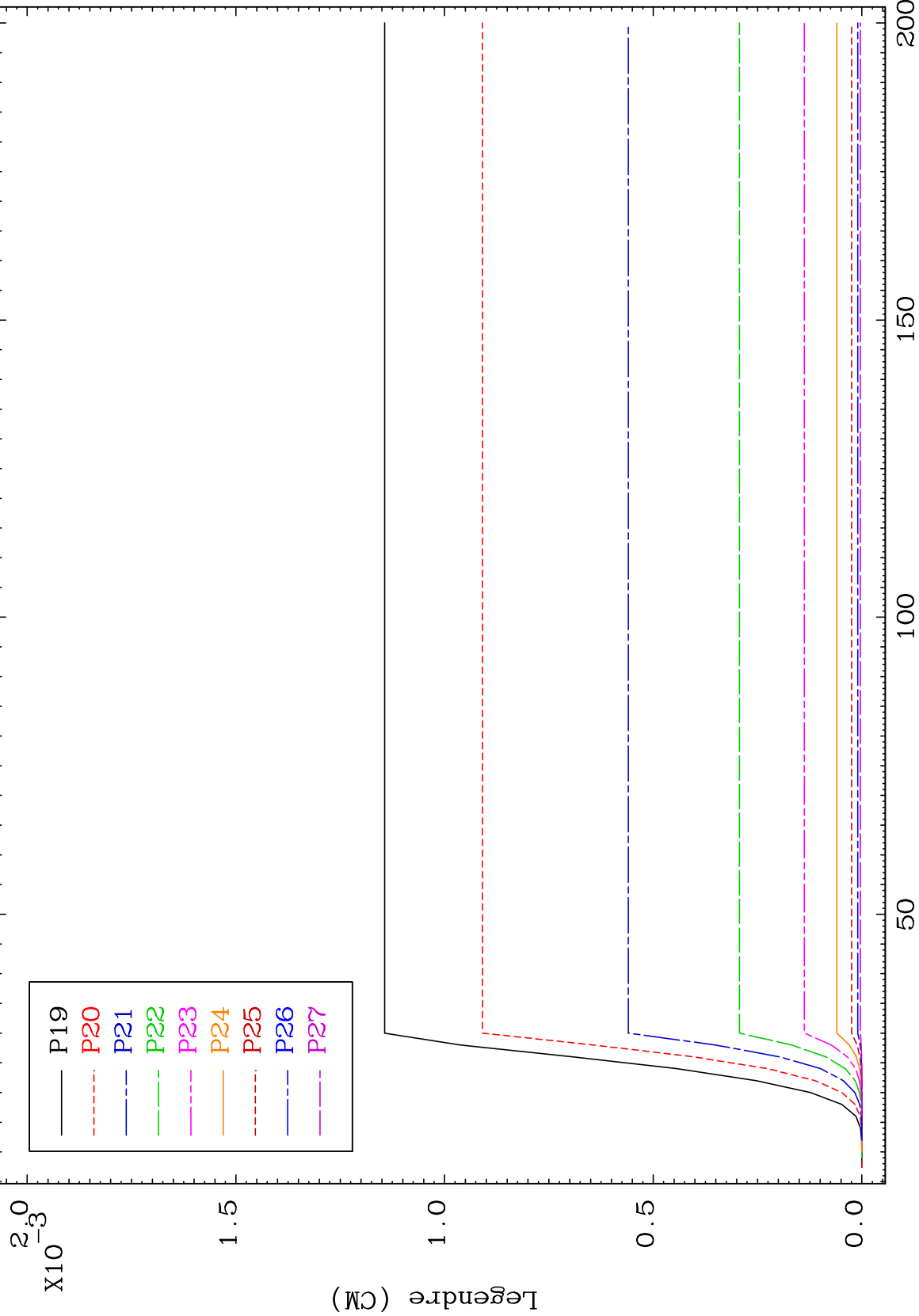


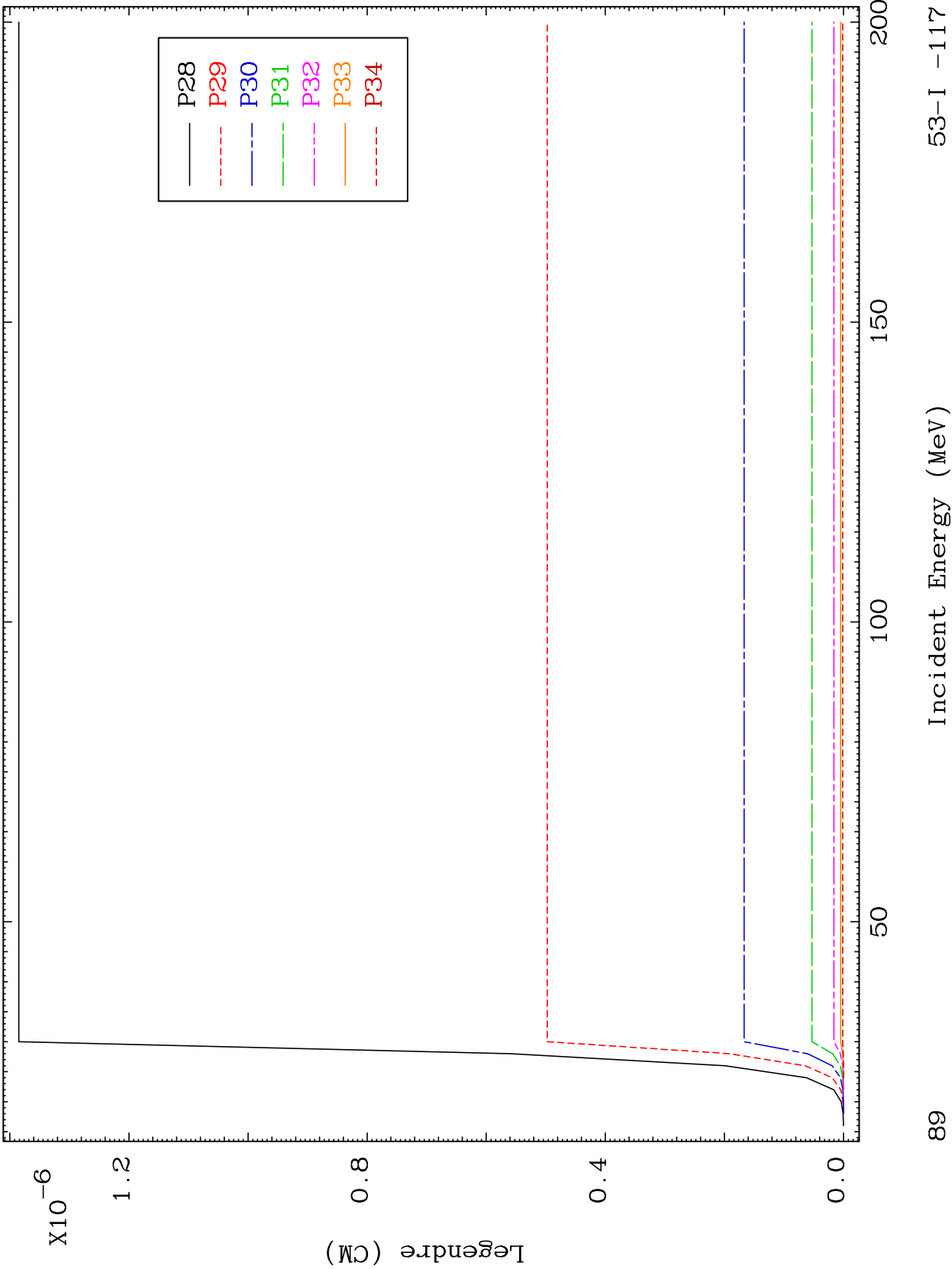


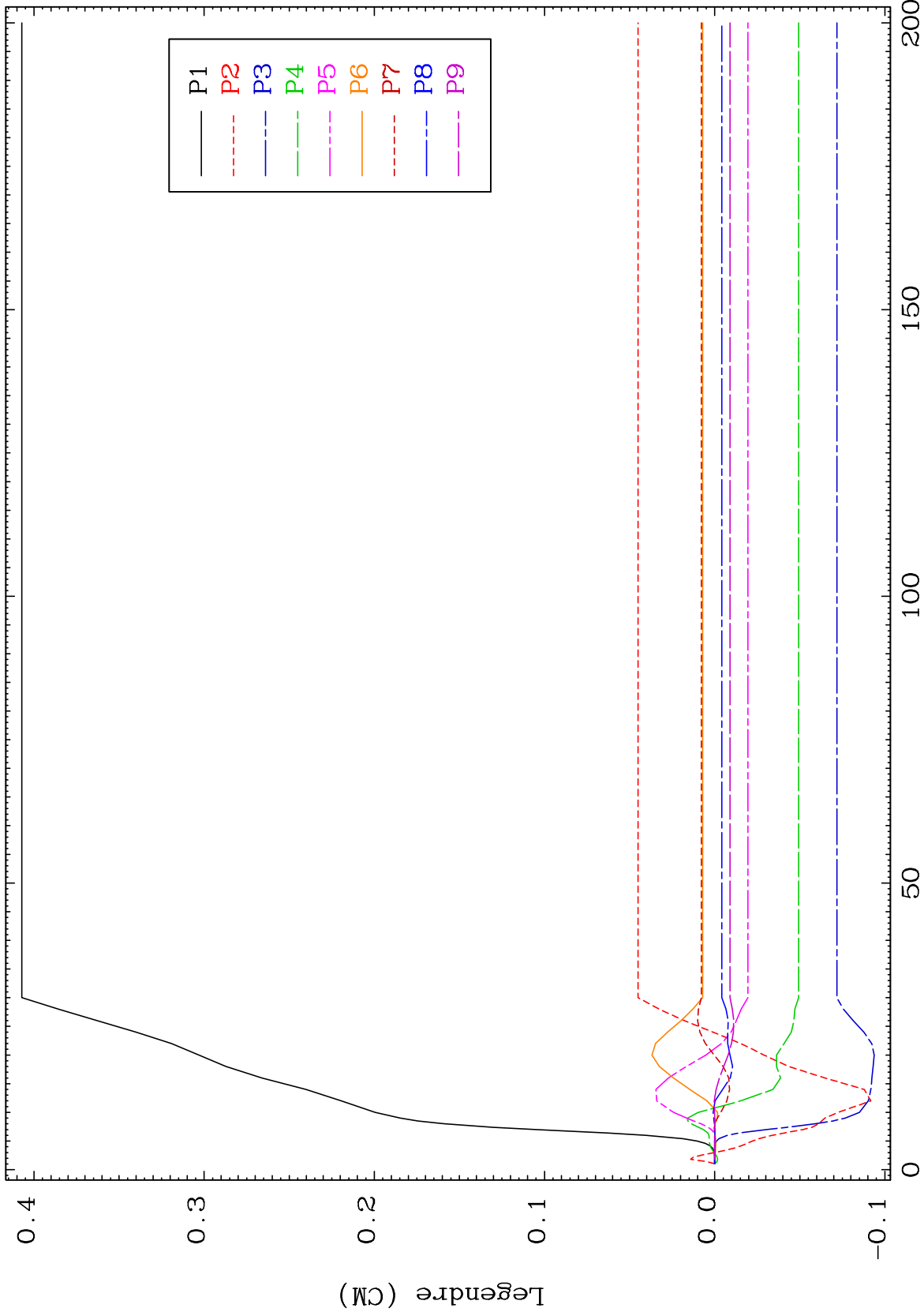








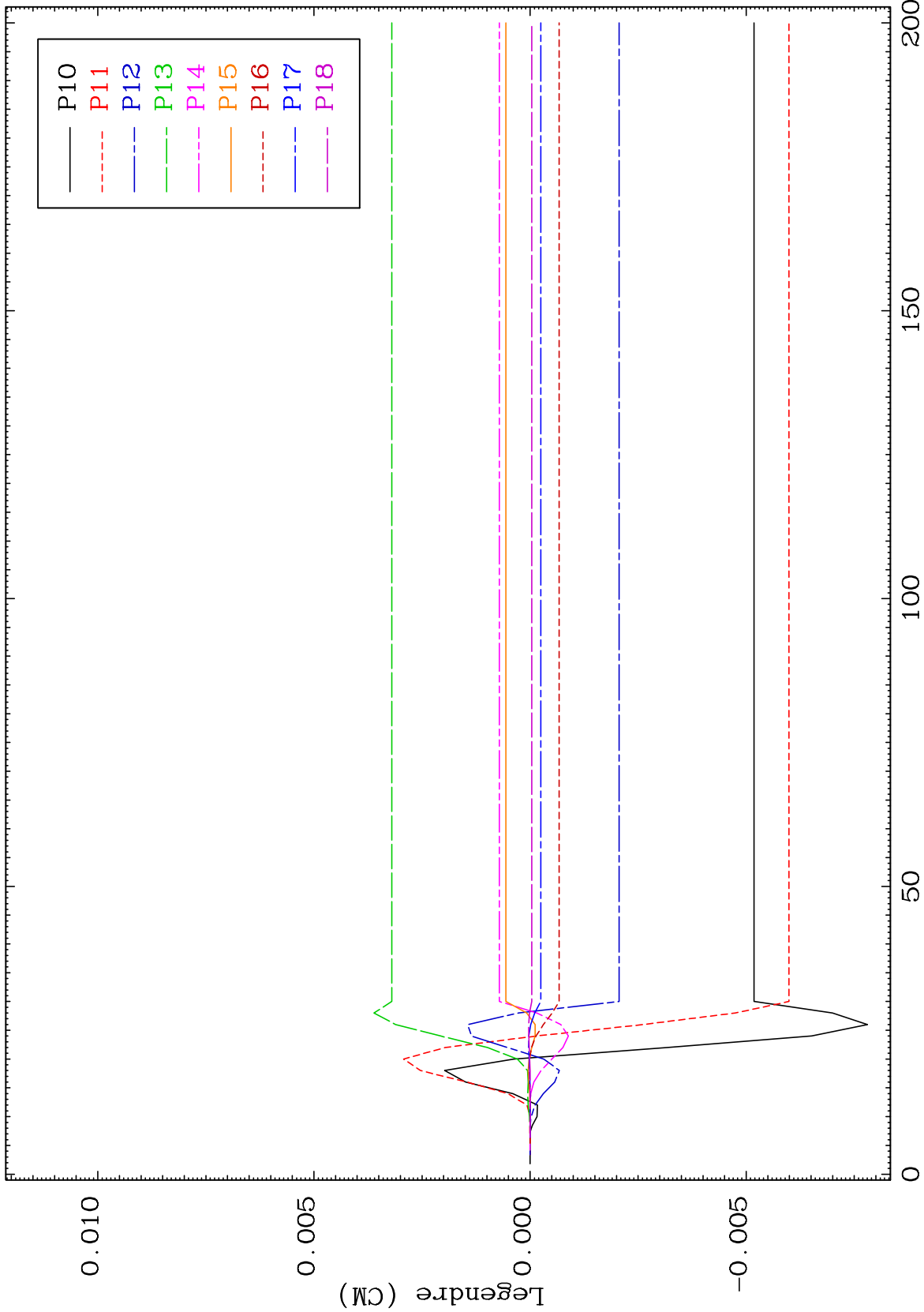




MAT 5295

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

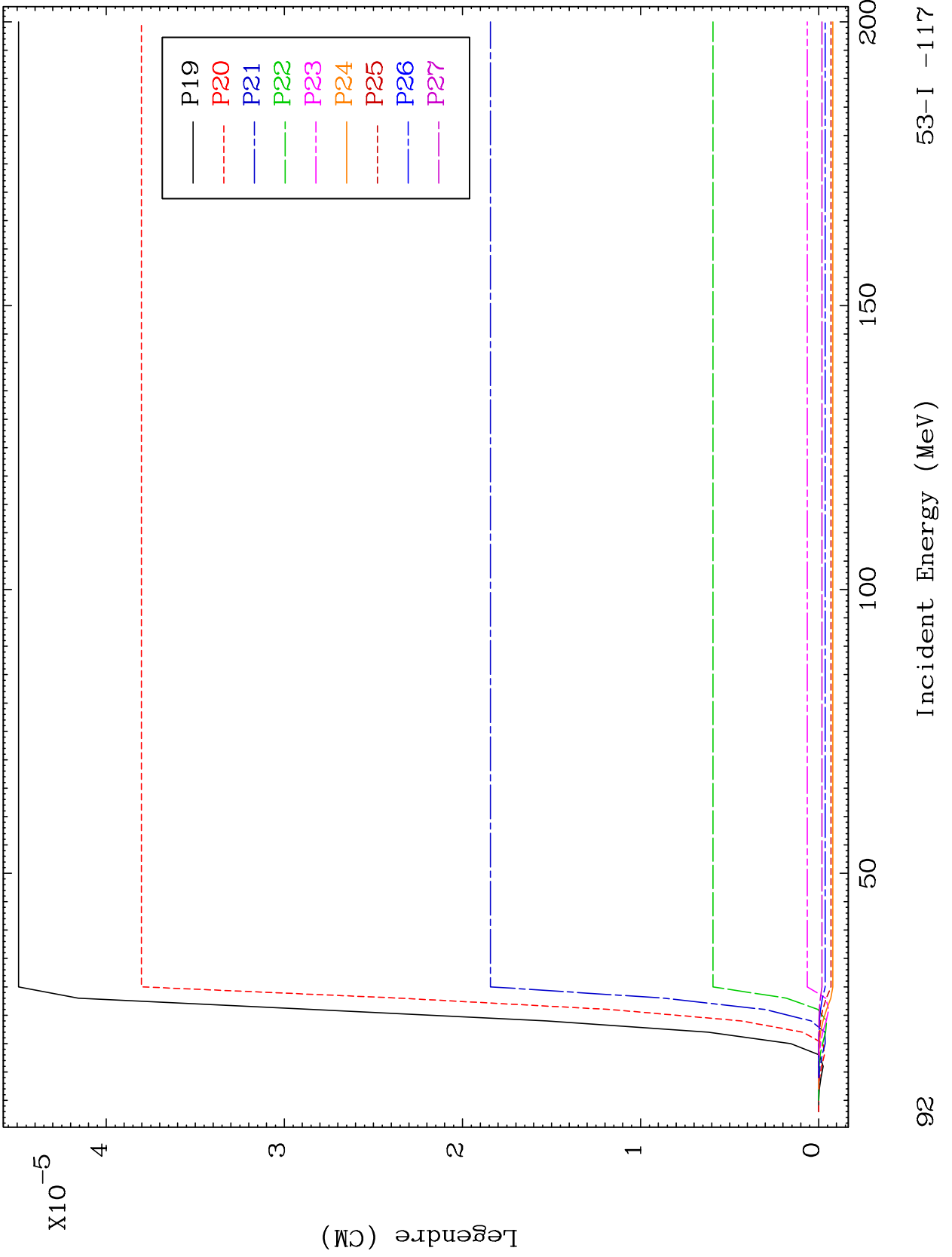
53-I -117



91

Incident Energy (MeV)

53-I -117

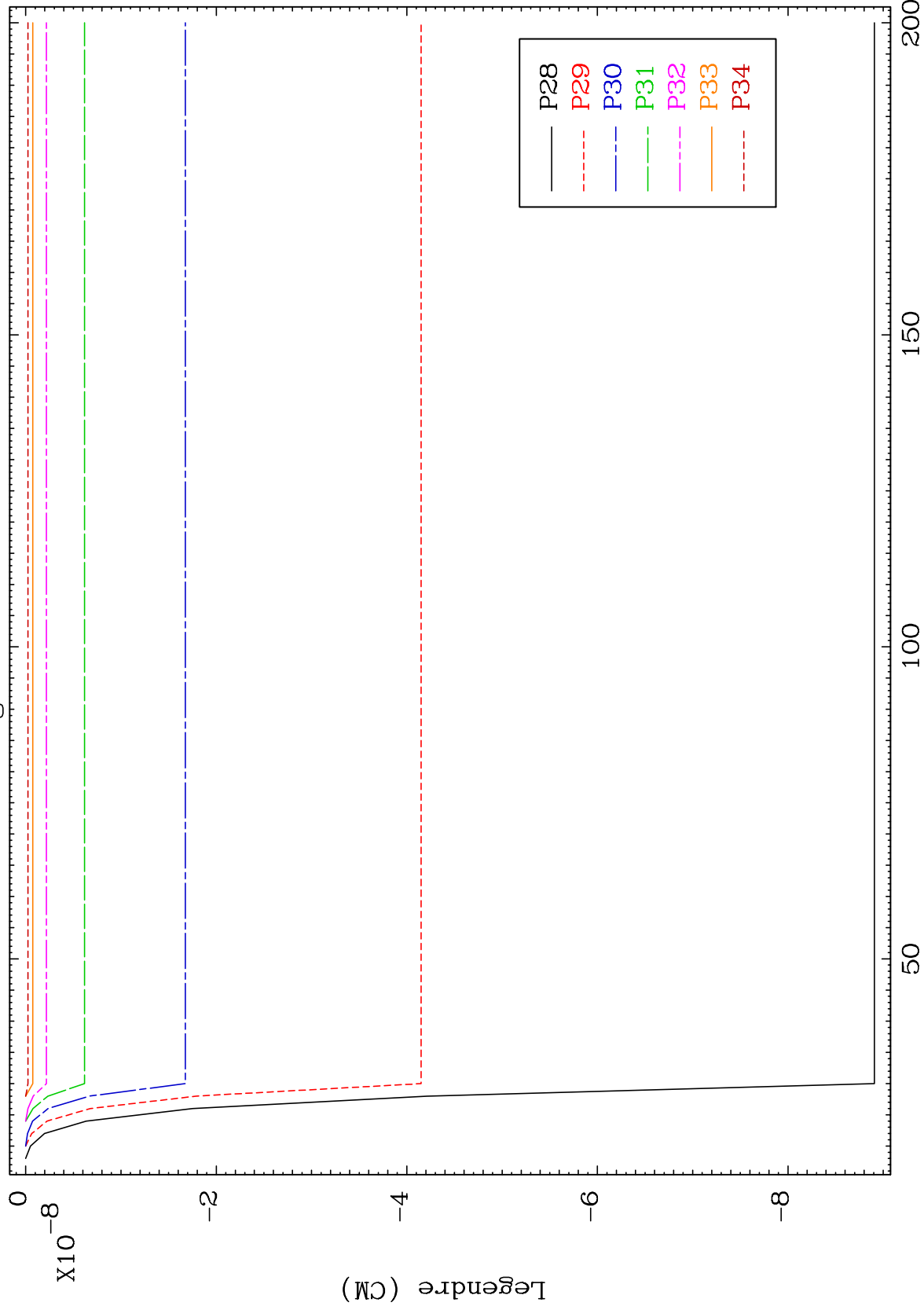


MAT 5295

MT= 68 (n,n') Level

53-I -117

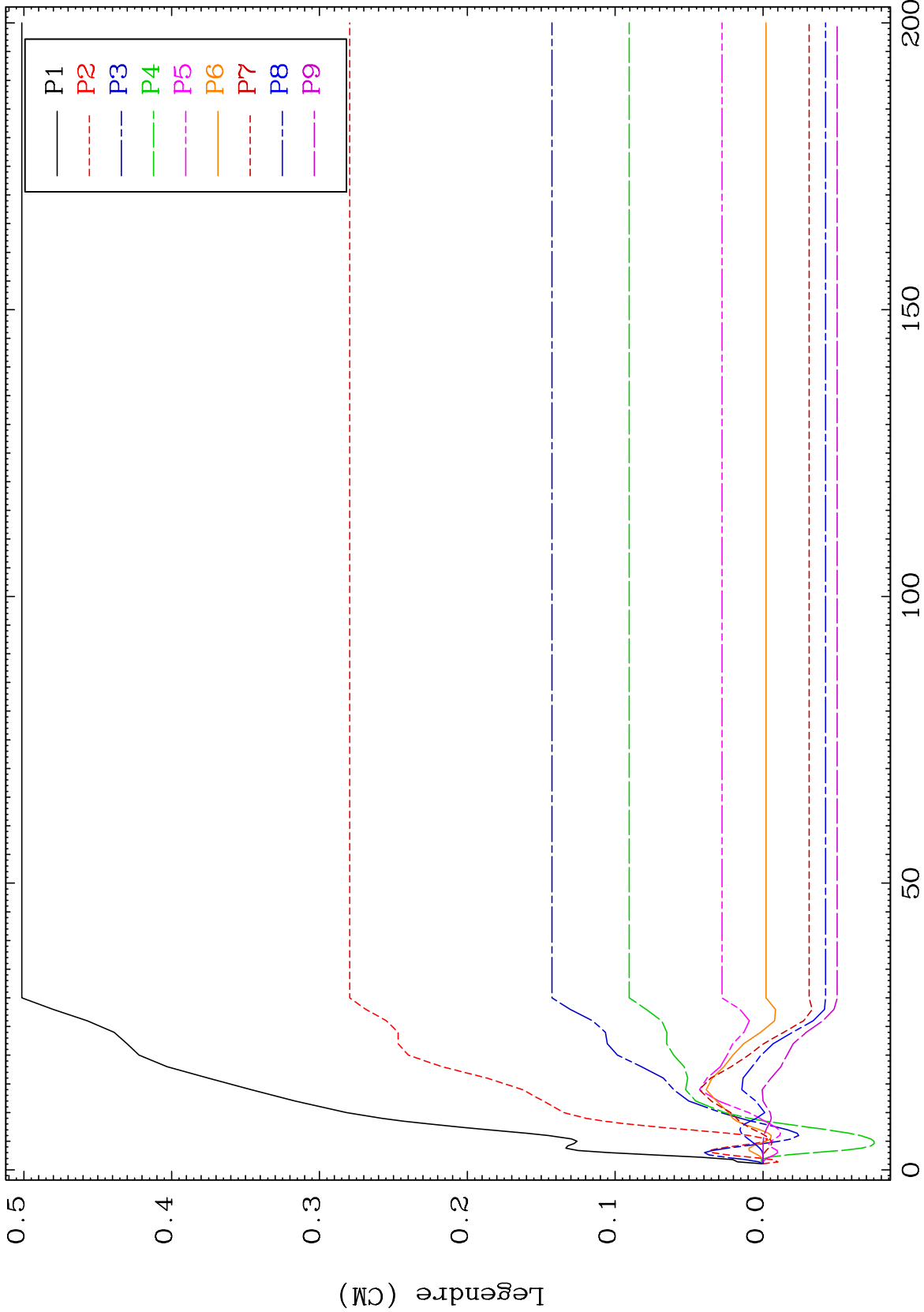
Legendre Coefficients



93

Incident Energy (MeV)

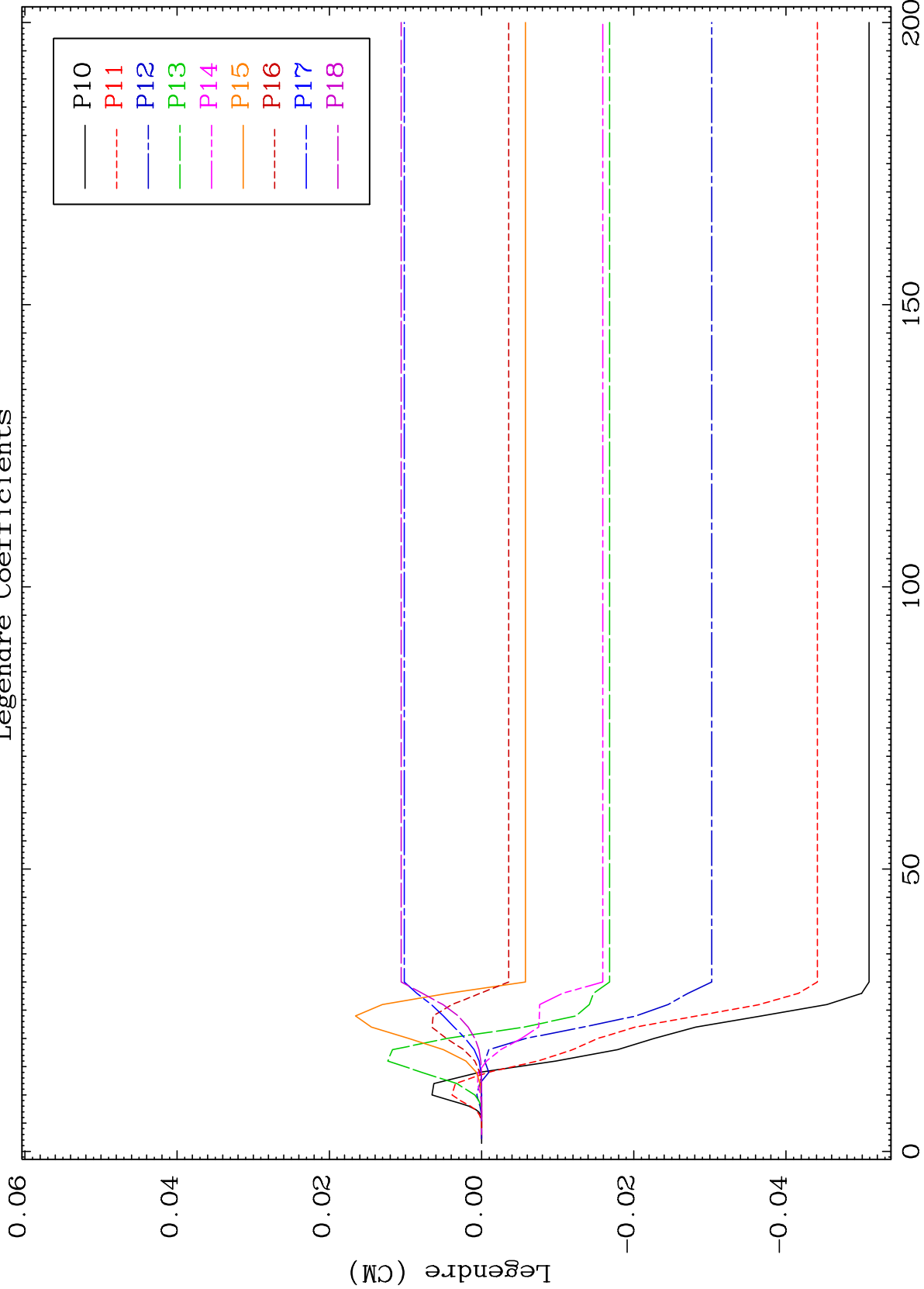
53-I -117



MAT 5295

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

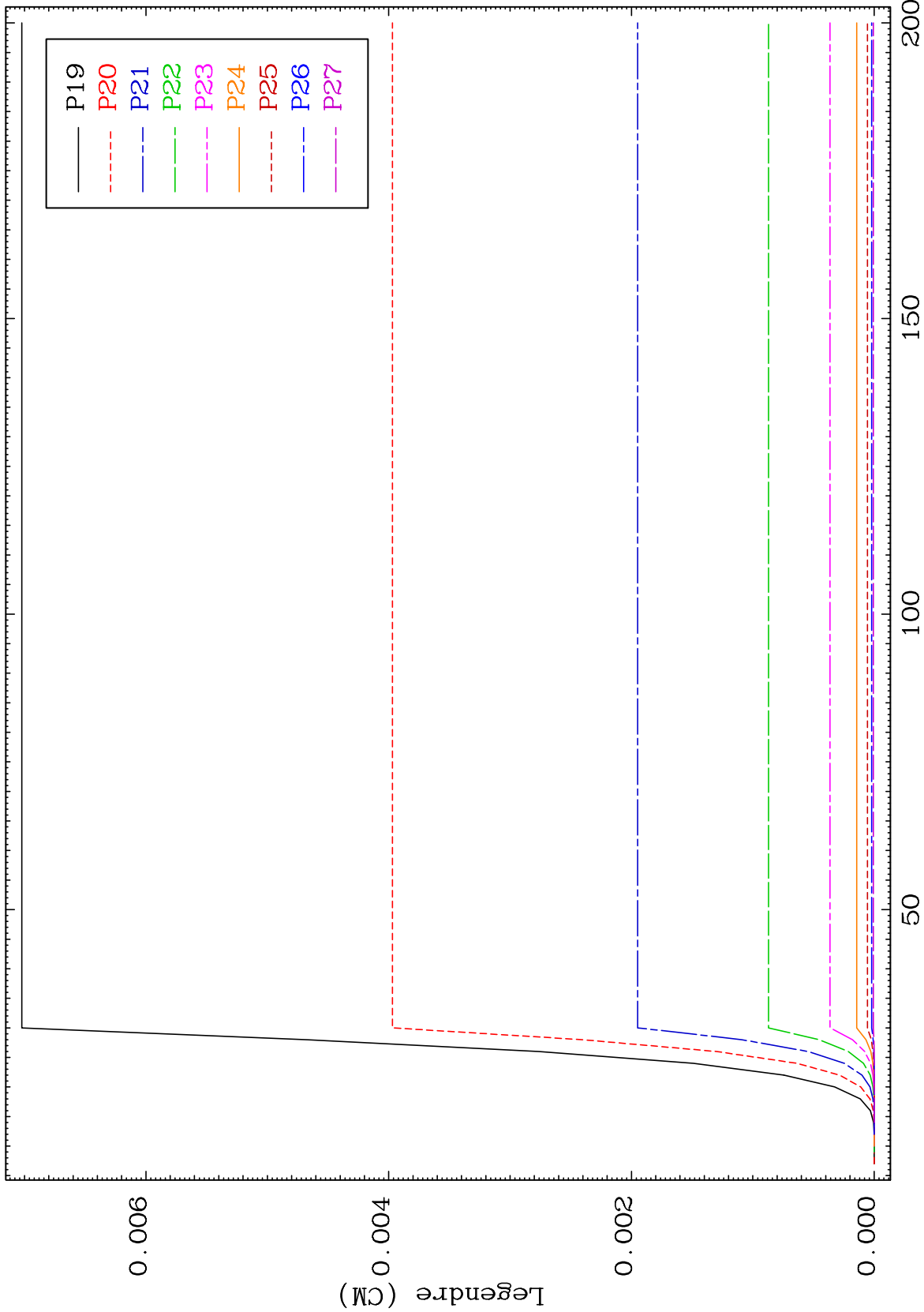
53-I -117

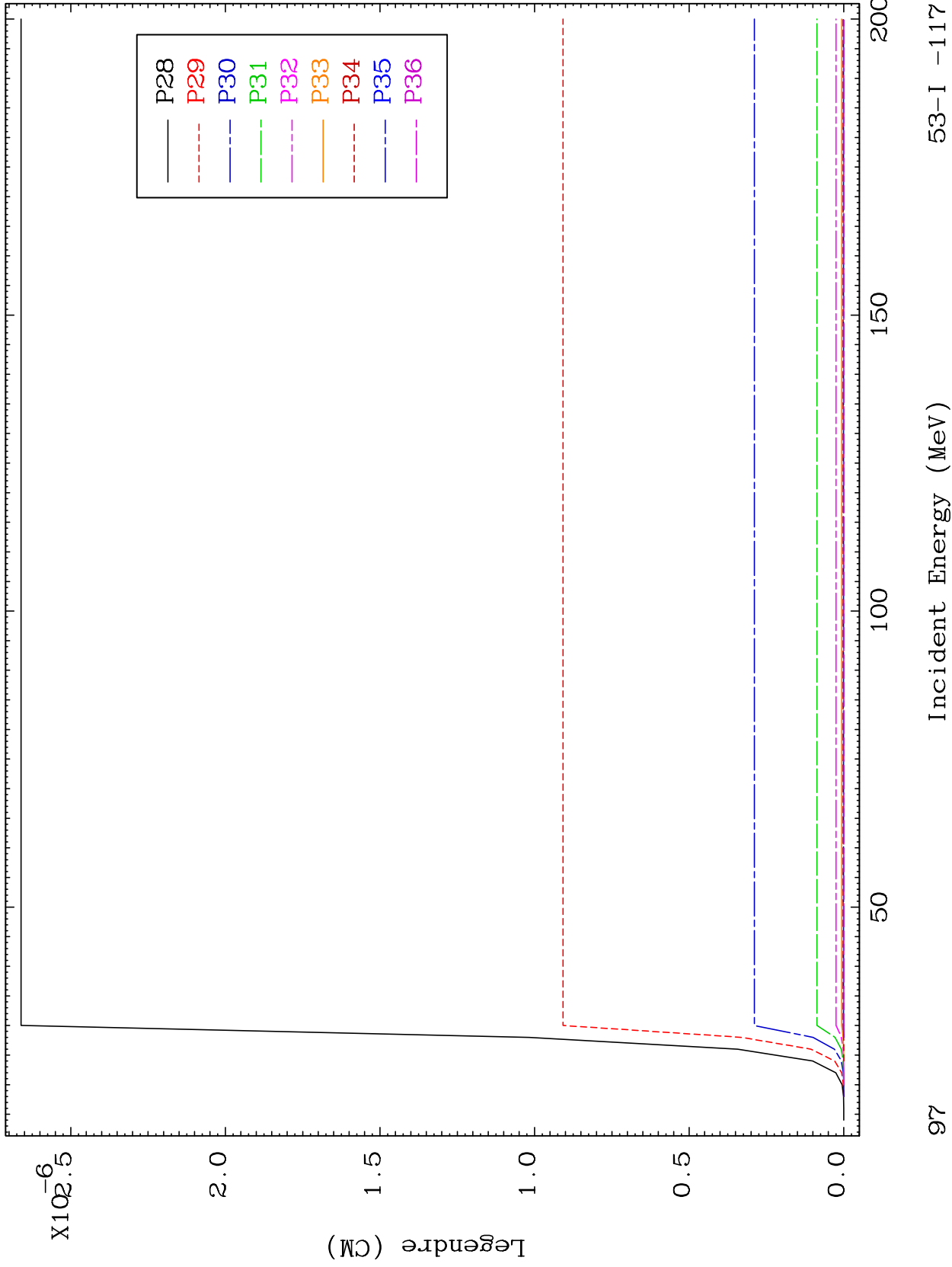


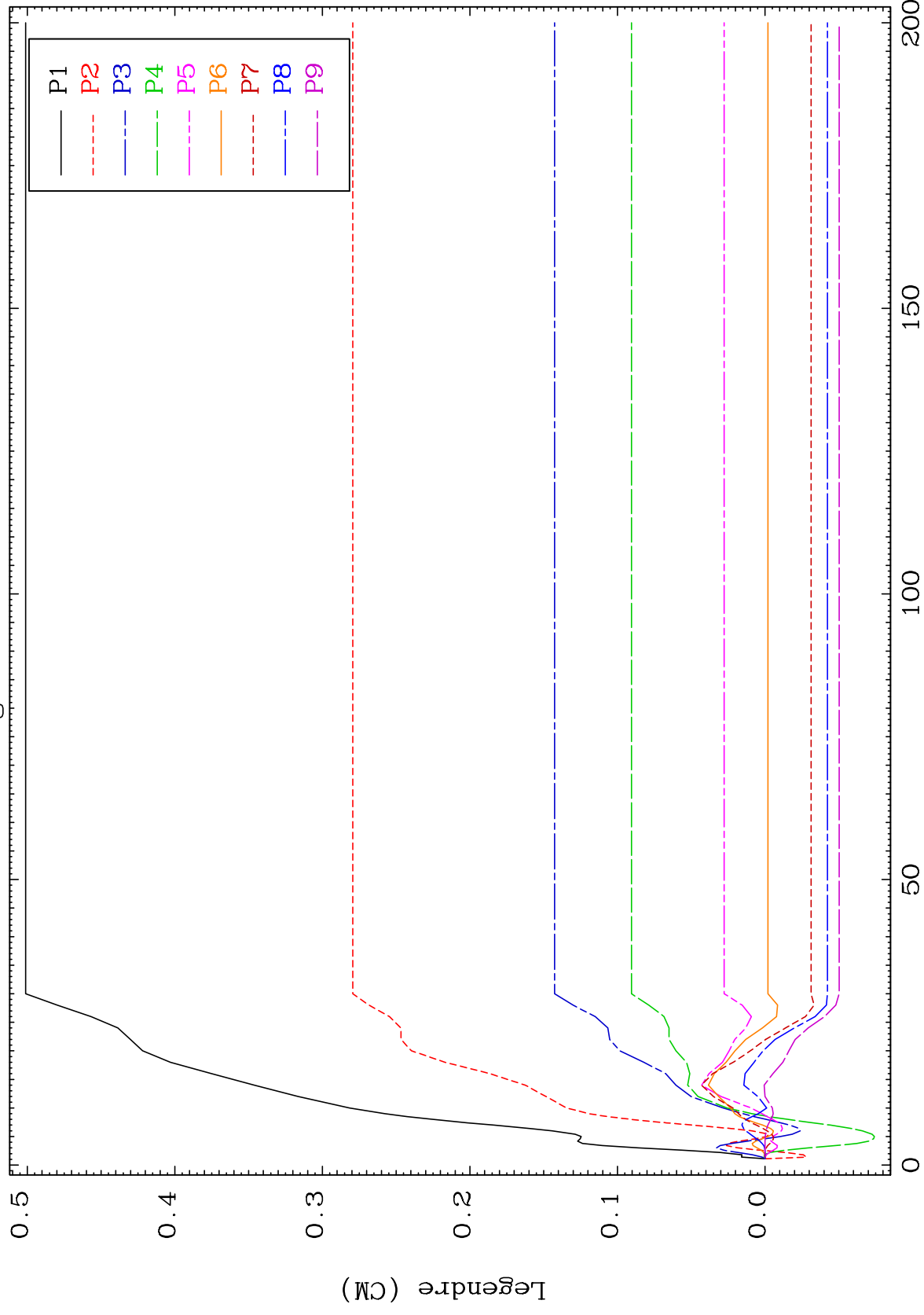
95

Incident Energy (MeV)

53-I -117



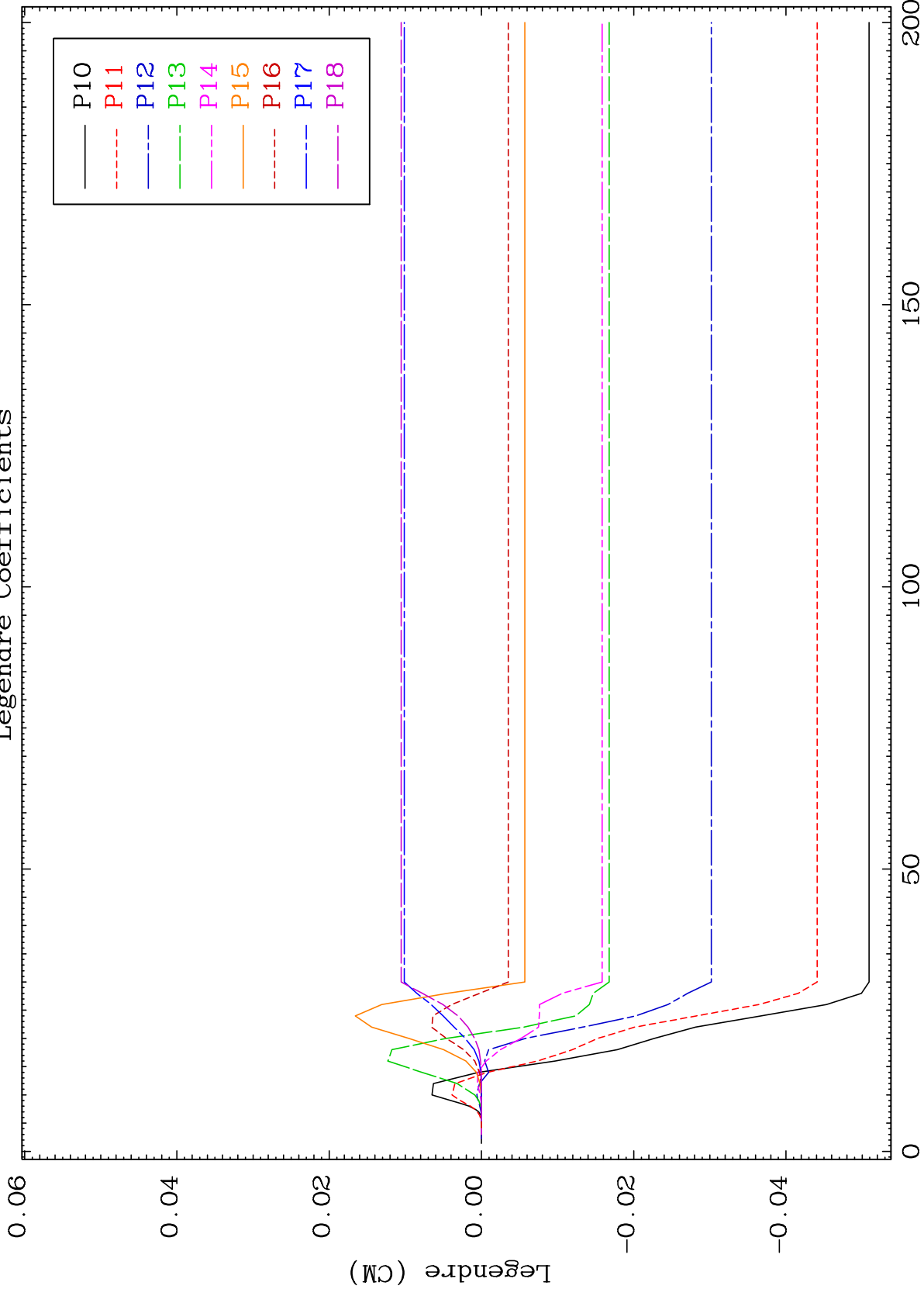




MAT 5295

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

53-I -117



99

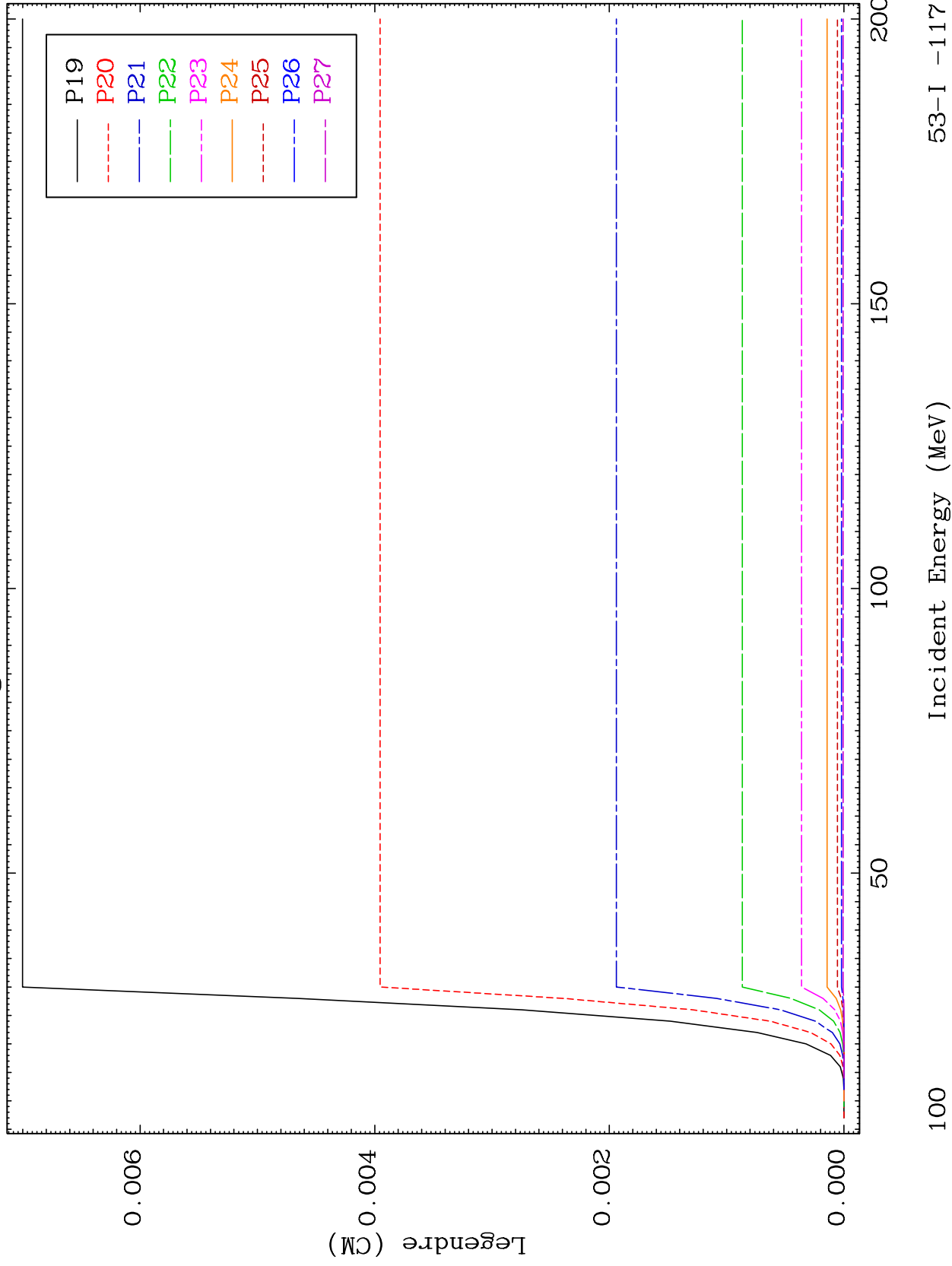
Incident Energy (MeV)

53-I -117

MAT 5295

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

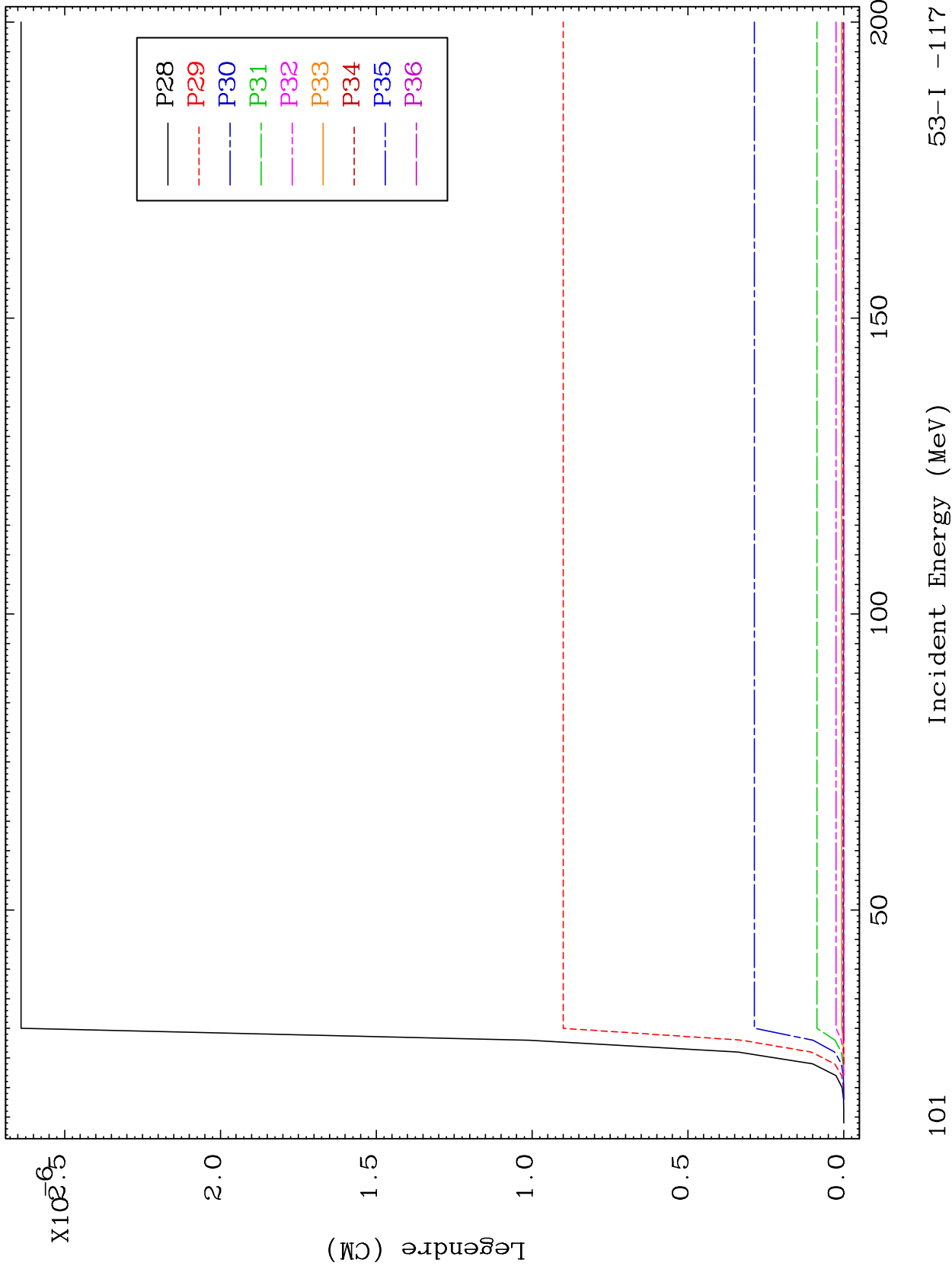
53-I -117



100

Incident Energy (MeV)

53-I -117

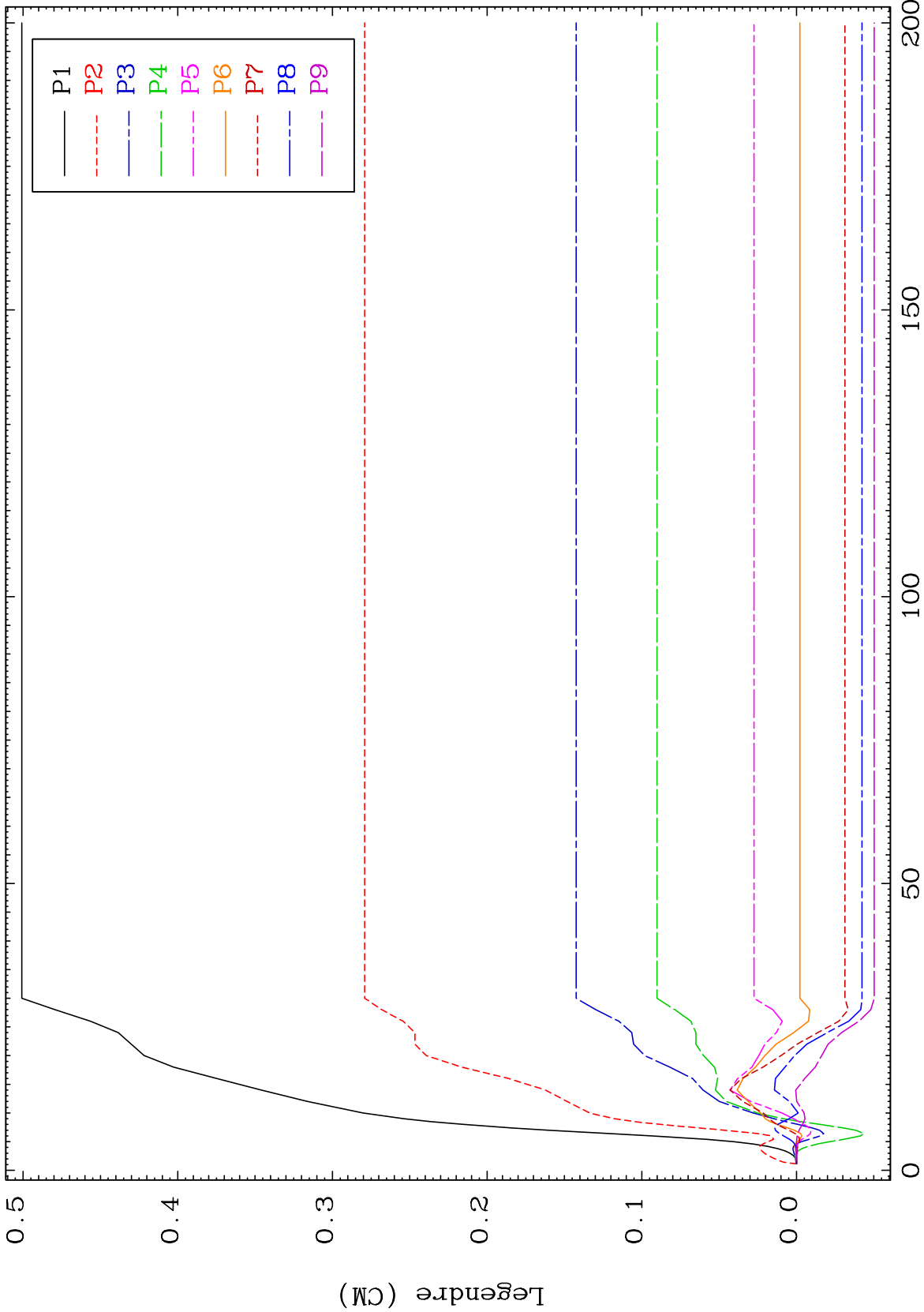


MAT 5295

MT= 71 (n,n') Level

53-I -117

Legendre Coefficients



53-I -117

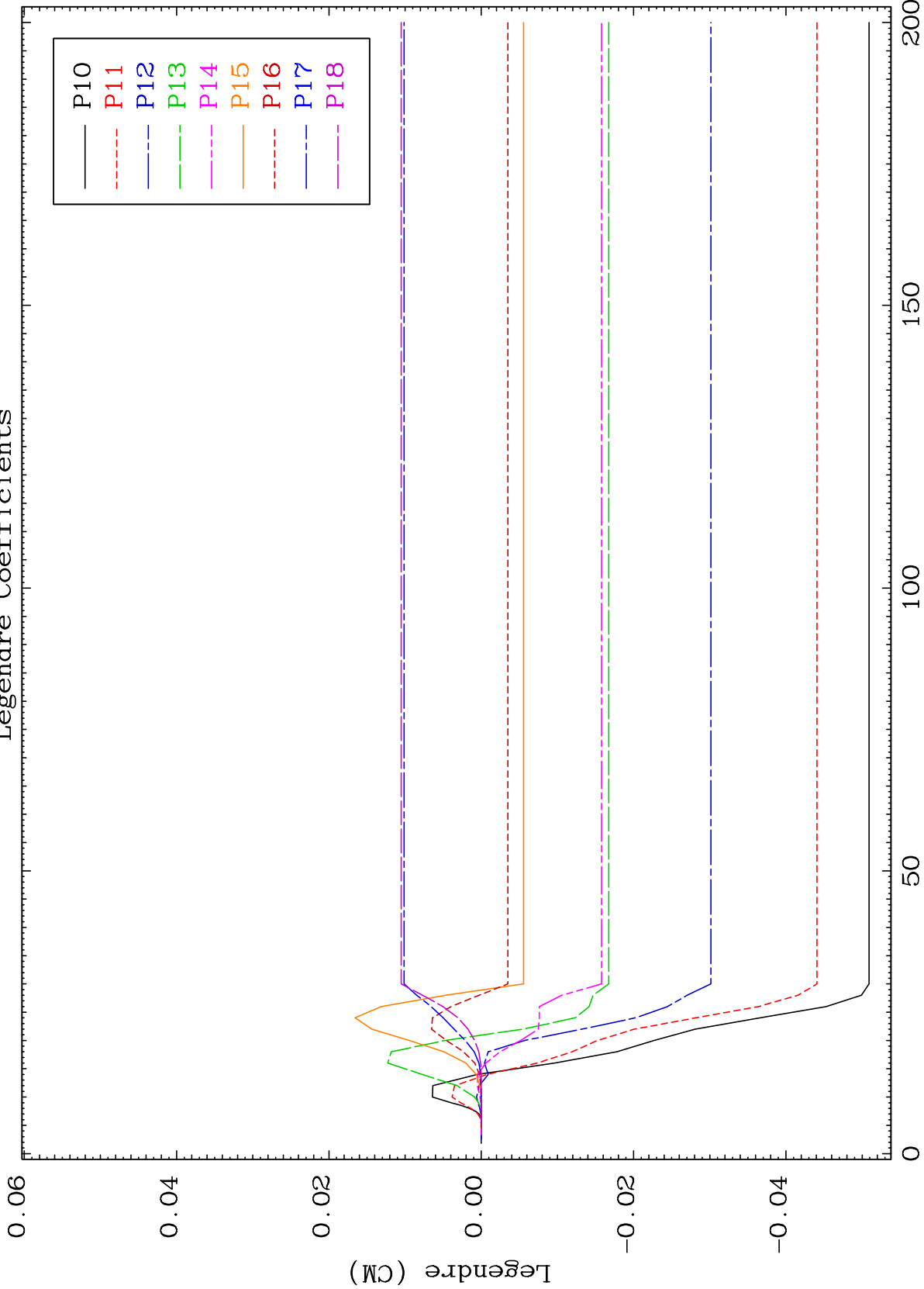
Incident Energy (MeV)

102

MAT 5295

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

53-I -117



103

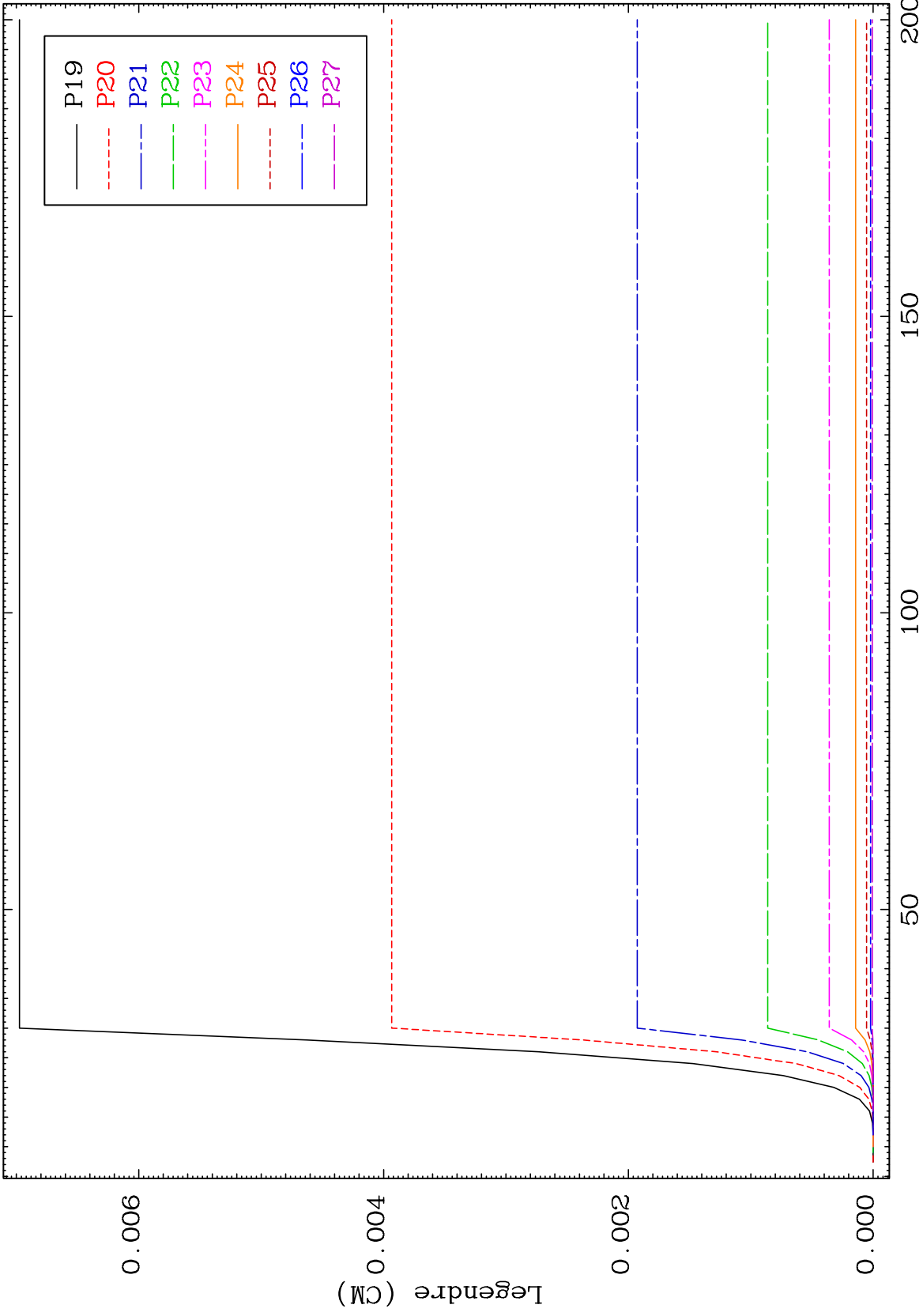
Incident Energy (MeV)

53-I -117

MAT 5295

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

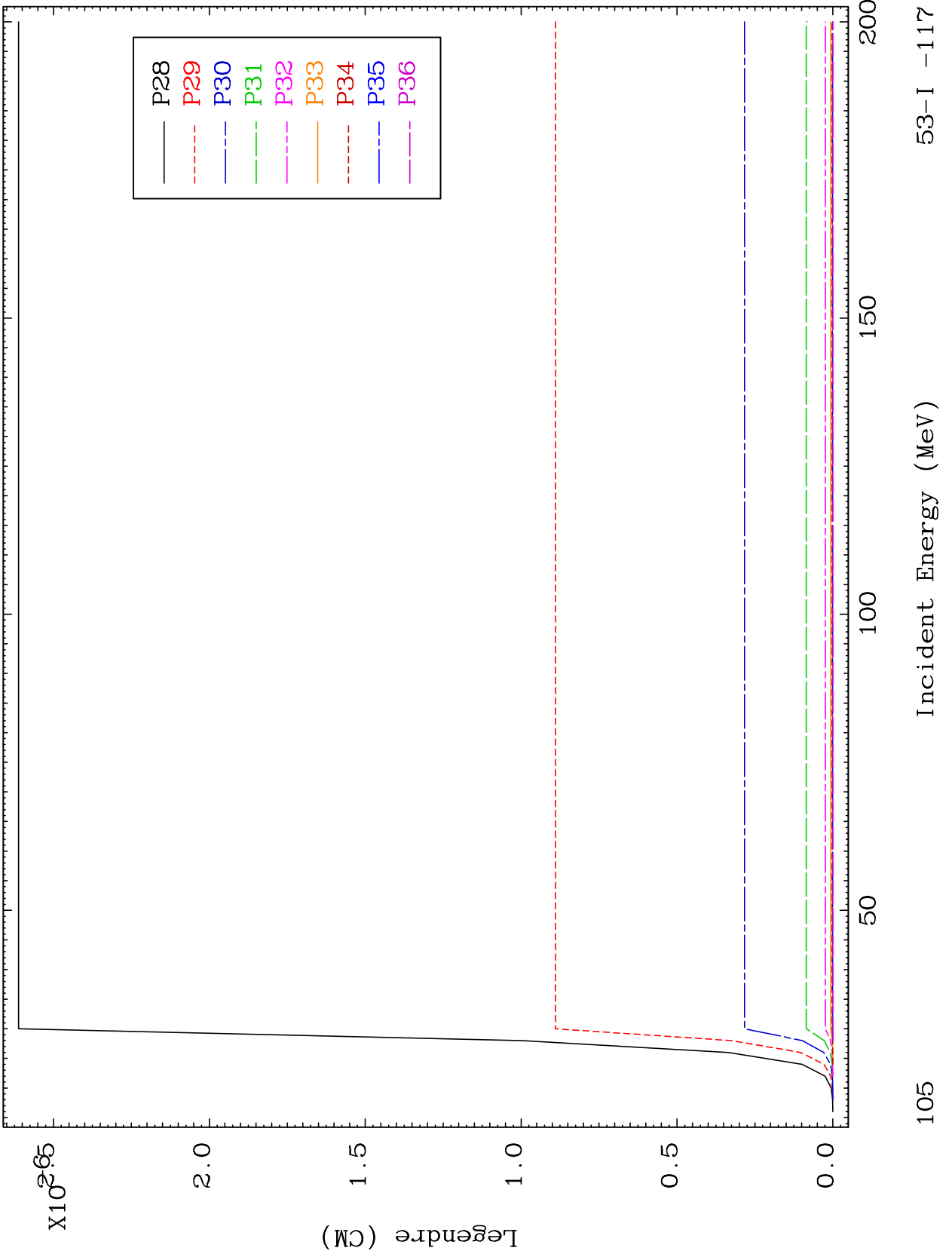
53-I -117



104

Incident Energy (MeV)

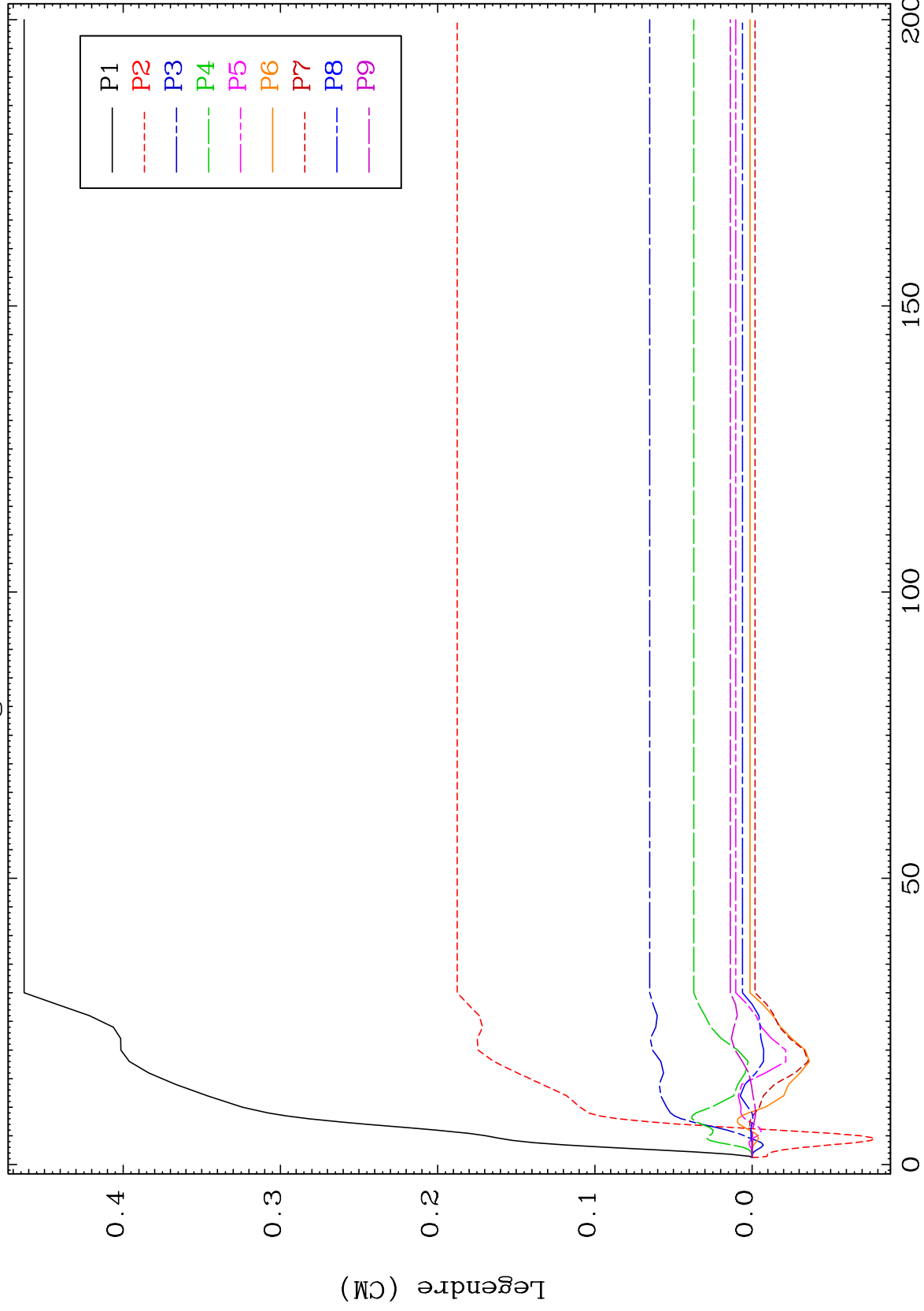
53-I -117



MAT 5295

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

53-I -117



106

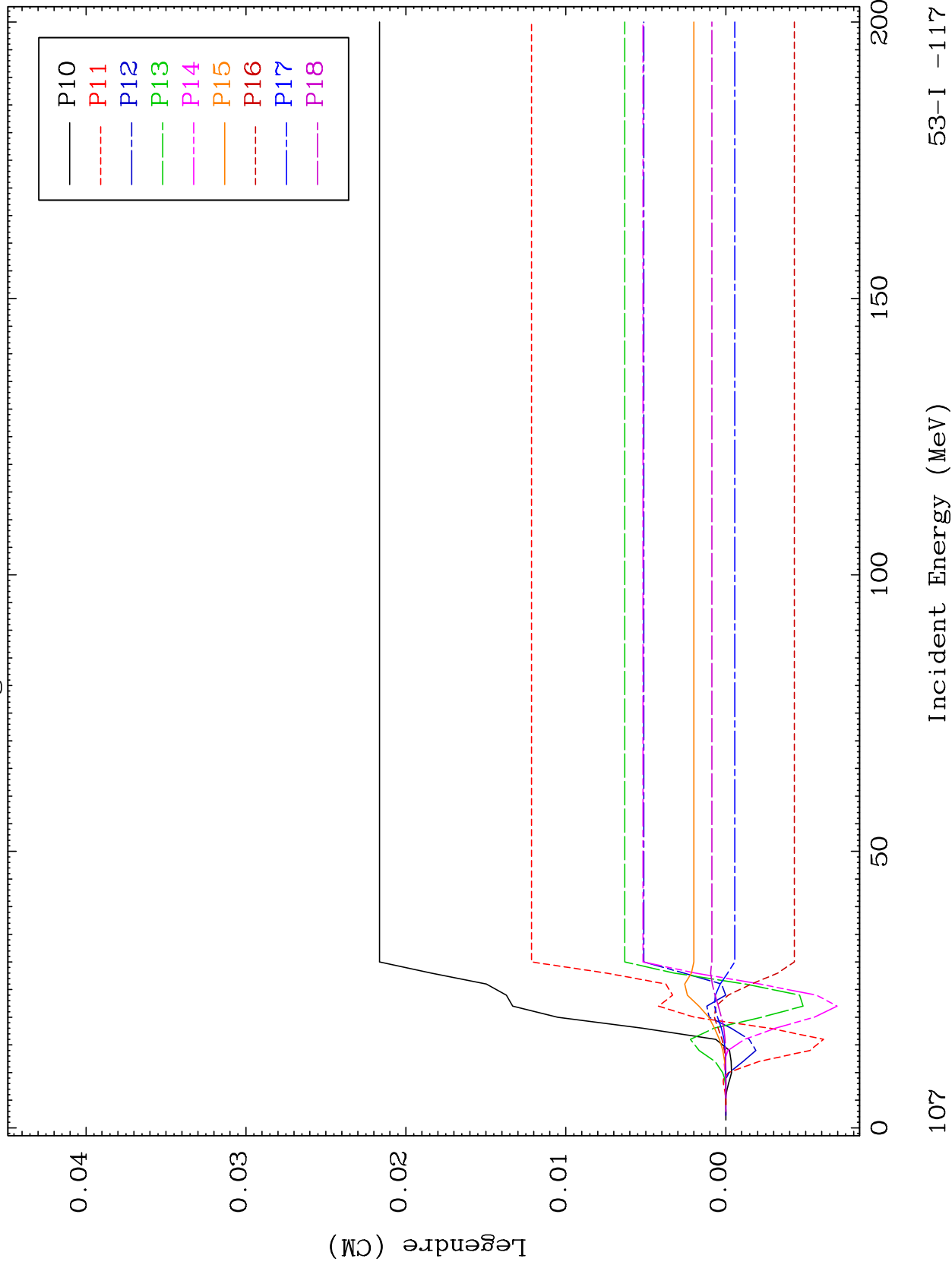
Incident Energy (MeV)

53-I -117

MAT 5295

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

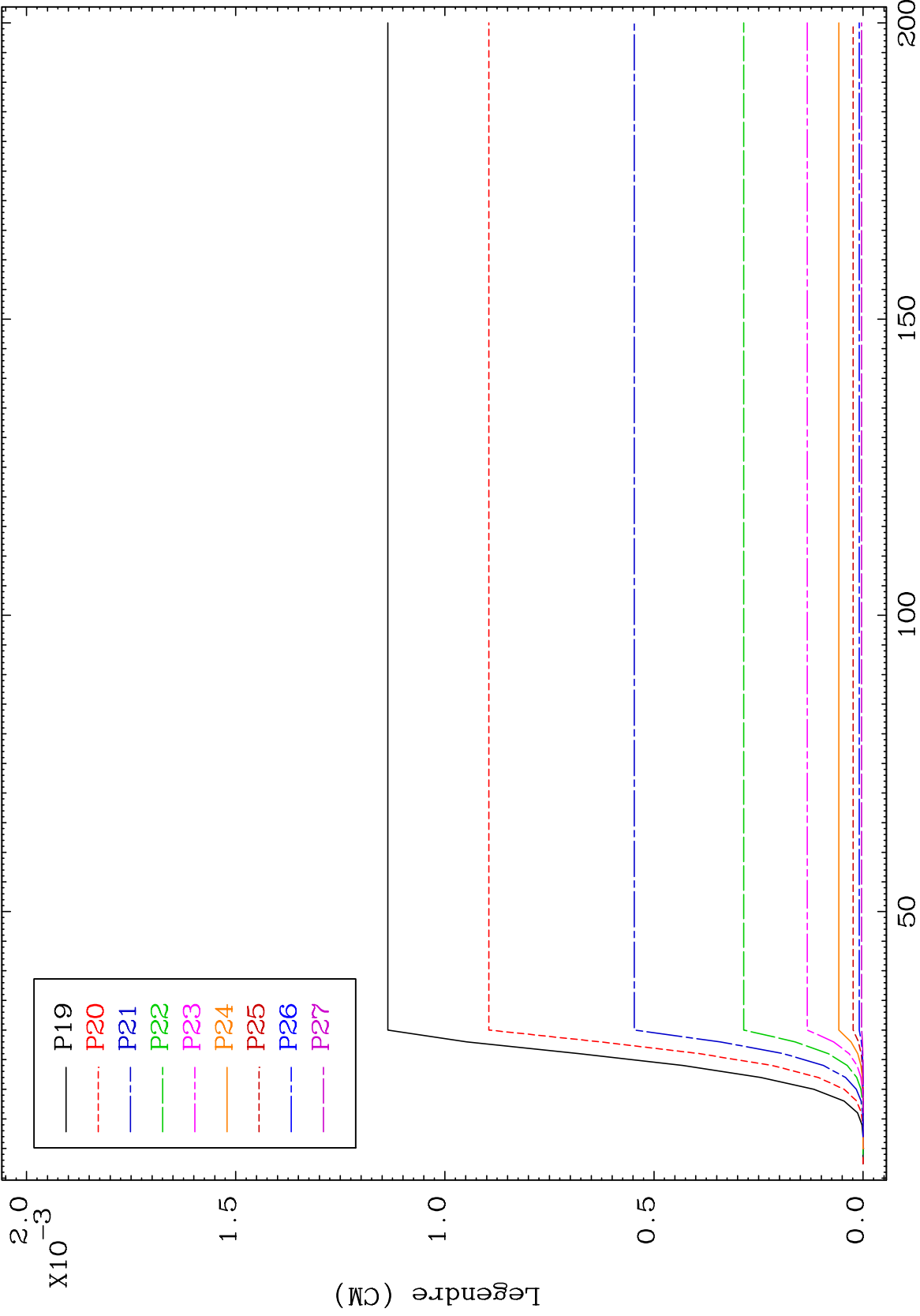
53-I -117



53-I -117

Incident Energy (MeV)

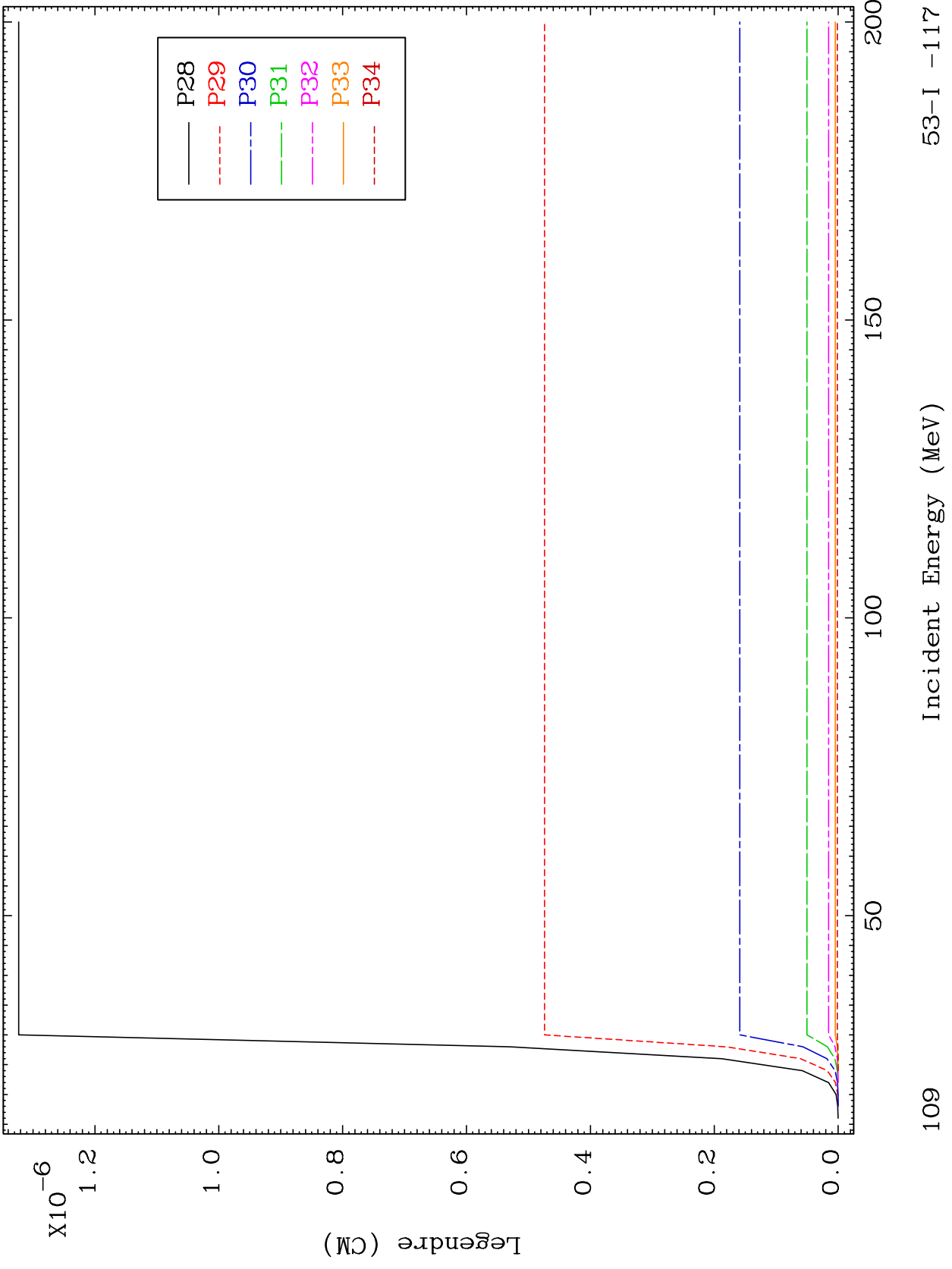
107



MAT 5295

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

53-I -117



109

Incident Energy (MeV)

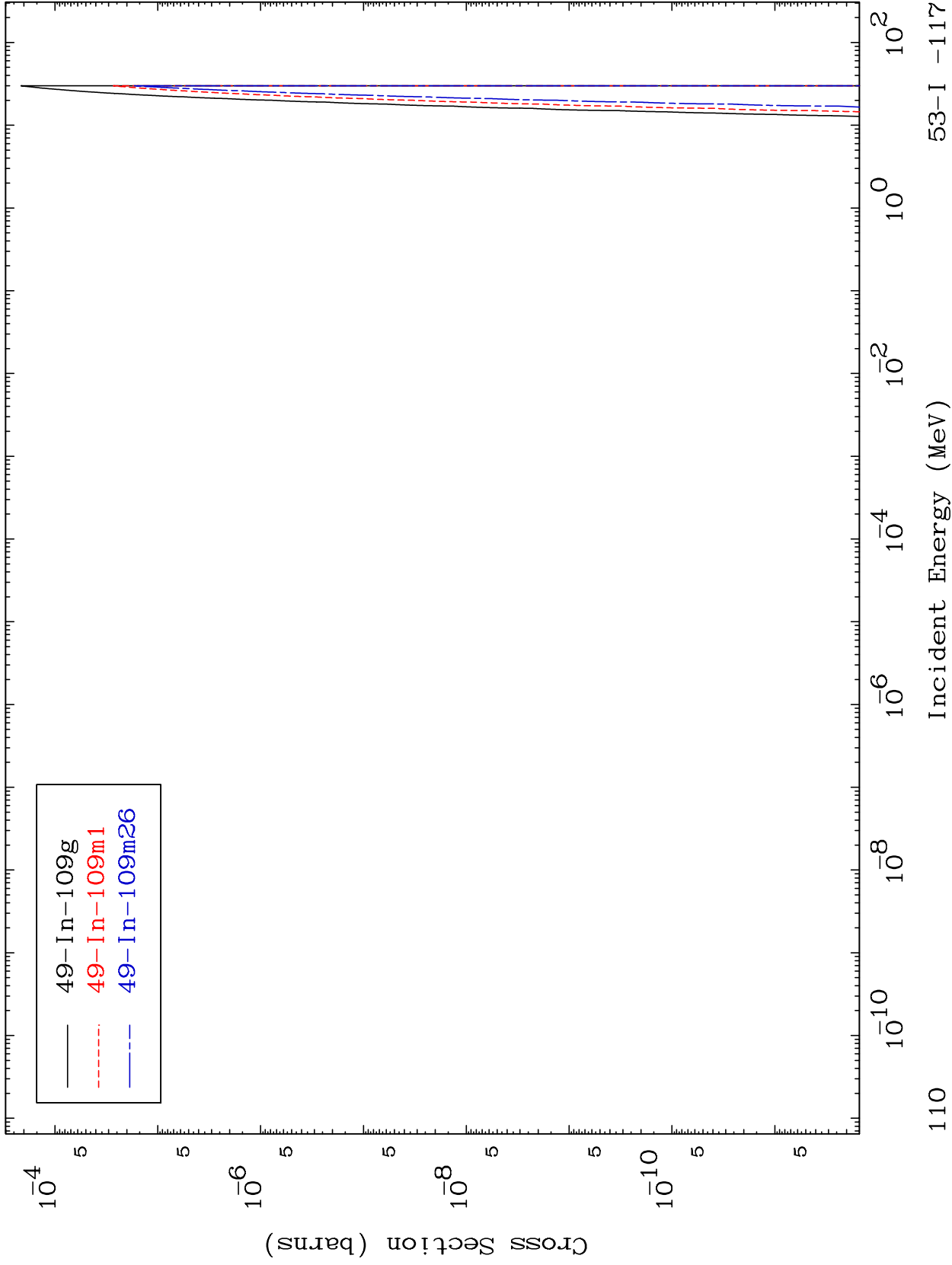
53-I -117

MAT 5295

(n,n') 2 α

53-I -117

Radionuclide Production Cross Section



110

Incident Energy (MeV)

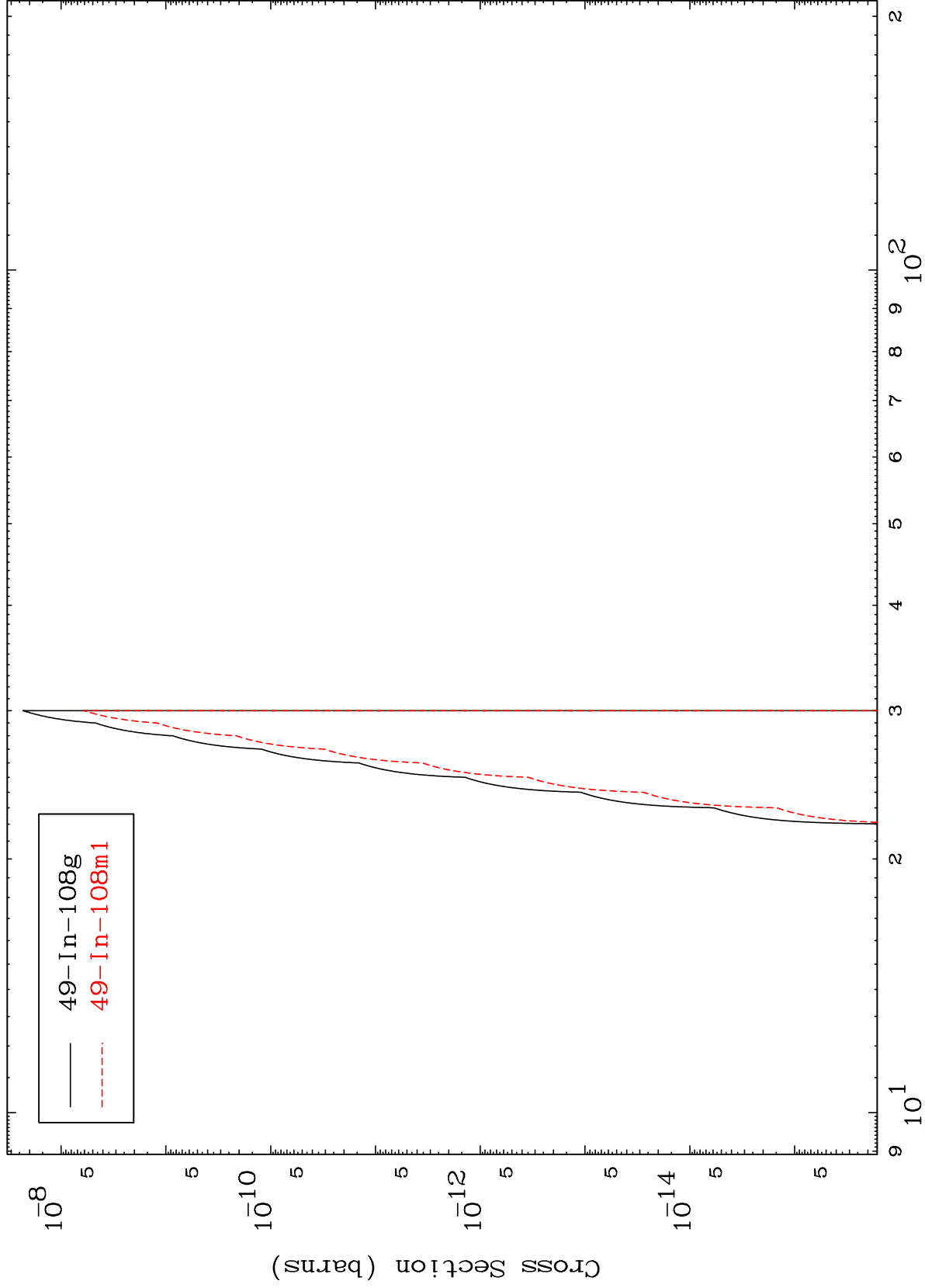
53-I -117

MAT 5295

(n,2n) 2α

53-I -117

Radionuclide Production Cross Section

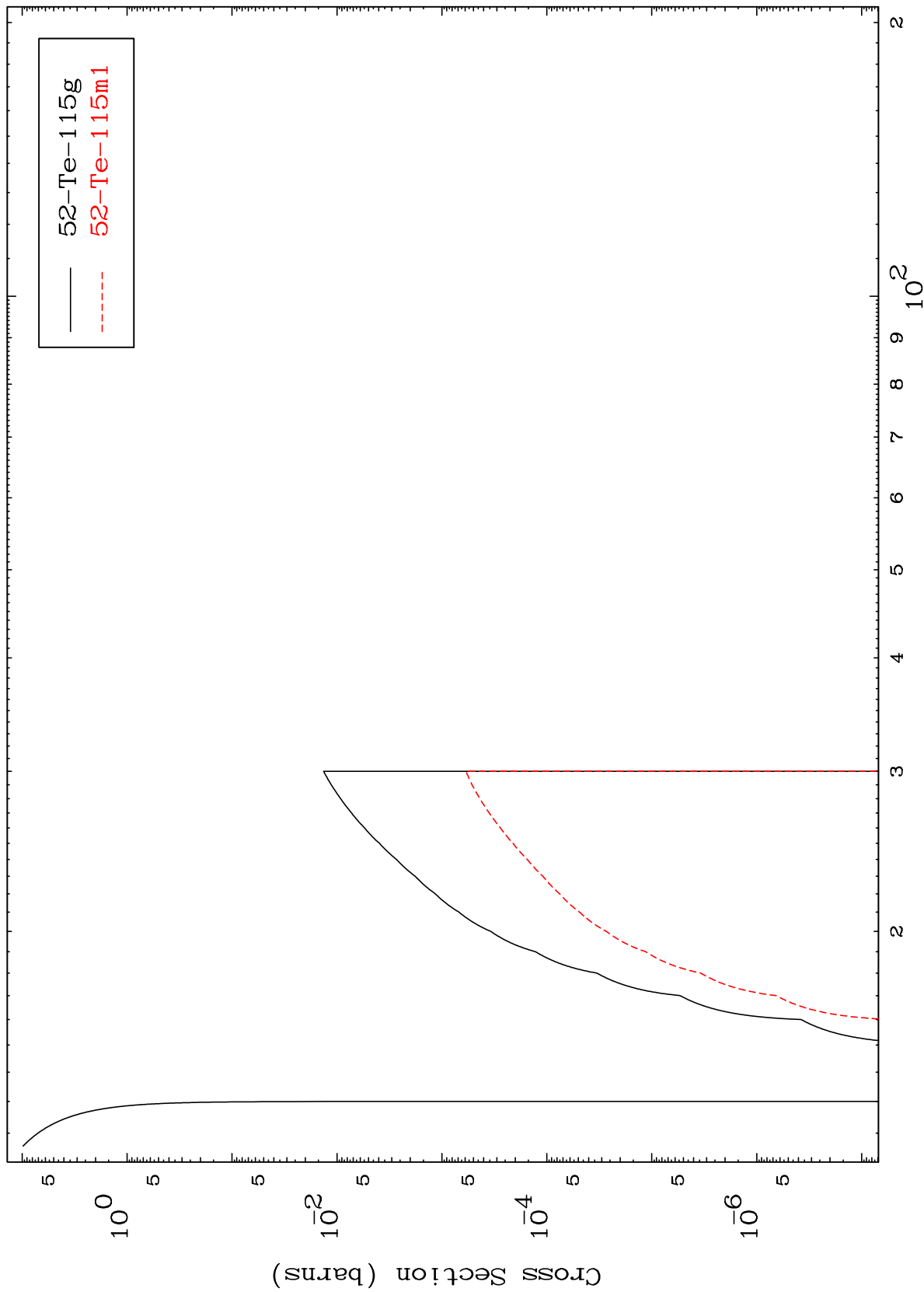


111

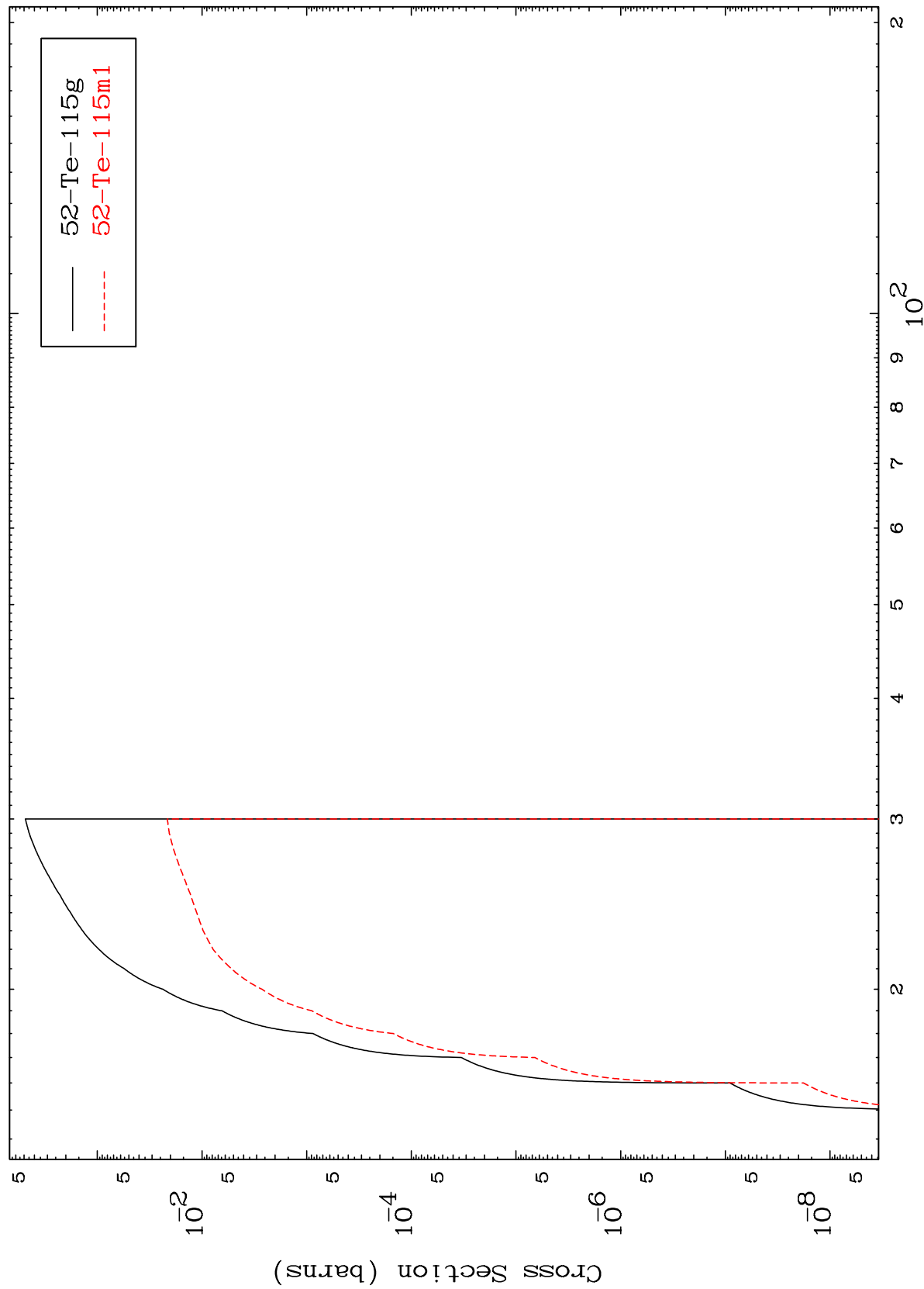
Incident Energy (MeV)

53-I -117

Radionuclide Production Cross Section



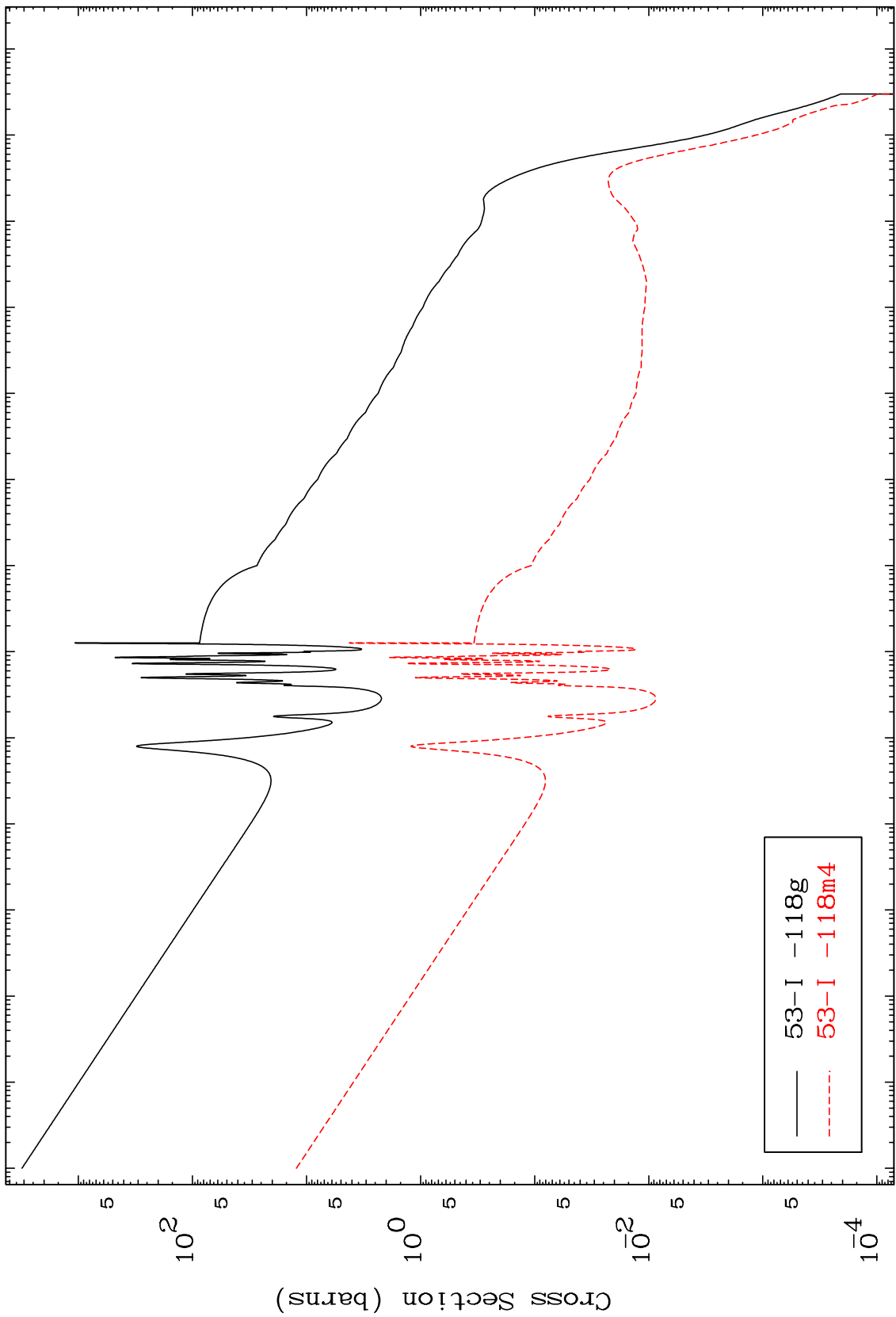
Radionuclide Production Cross Section



MAT 5295

53-I -117

Radionuclide Production Cross Section



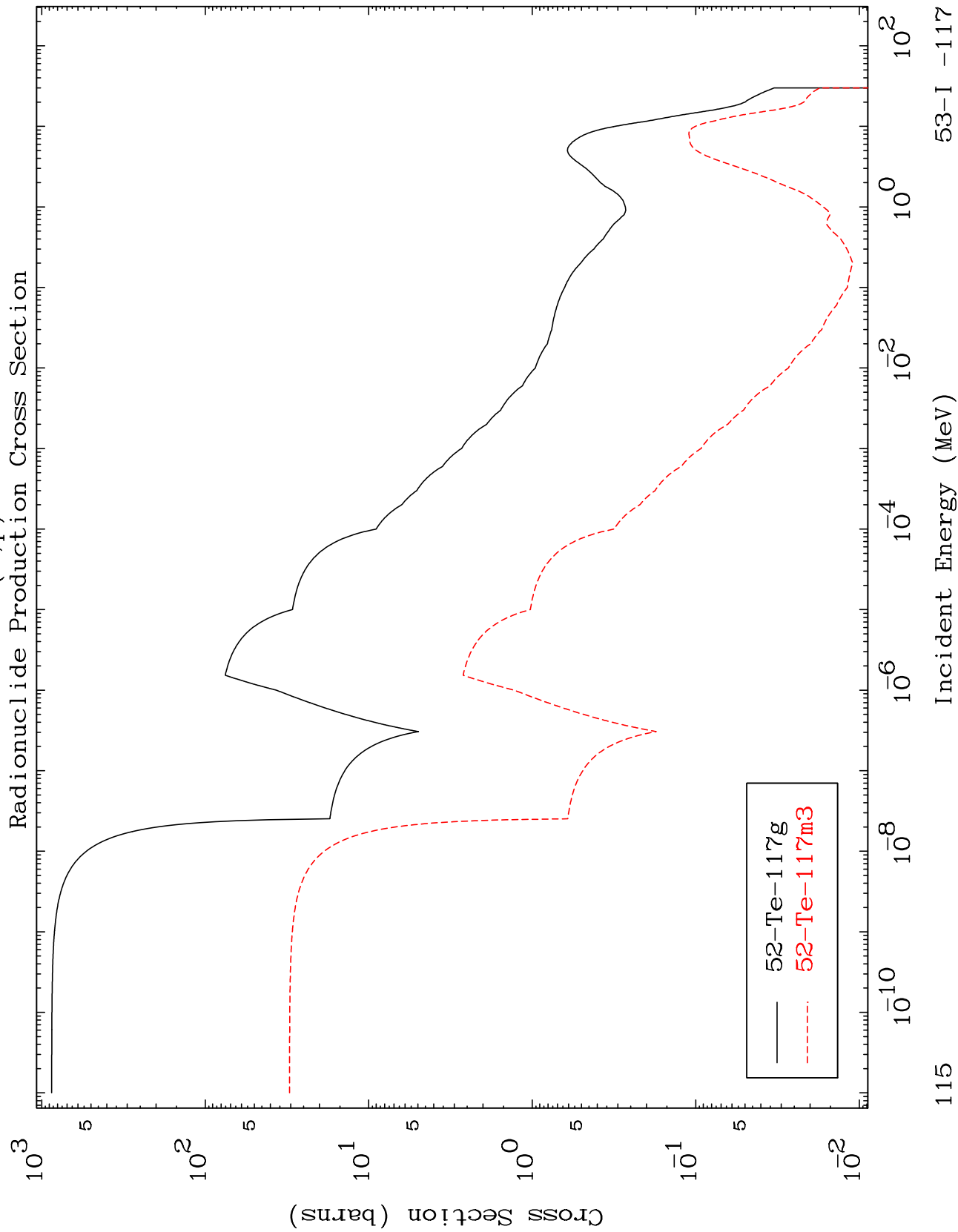
— 53-I -118g
- - - 53-I -118m4

53-I -117

Incident Energy (MeV)

114

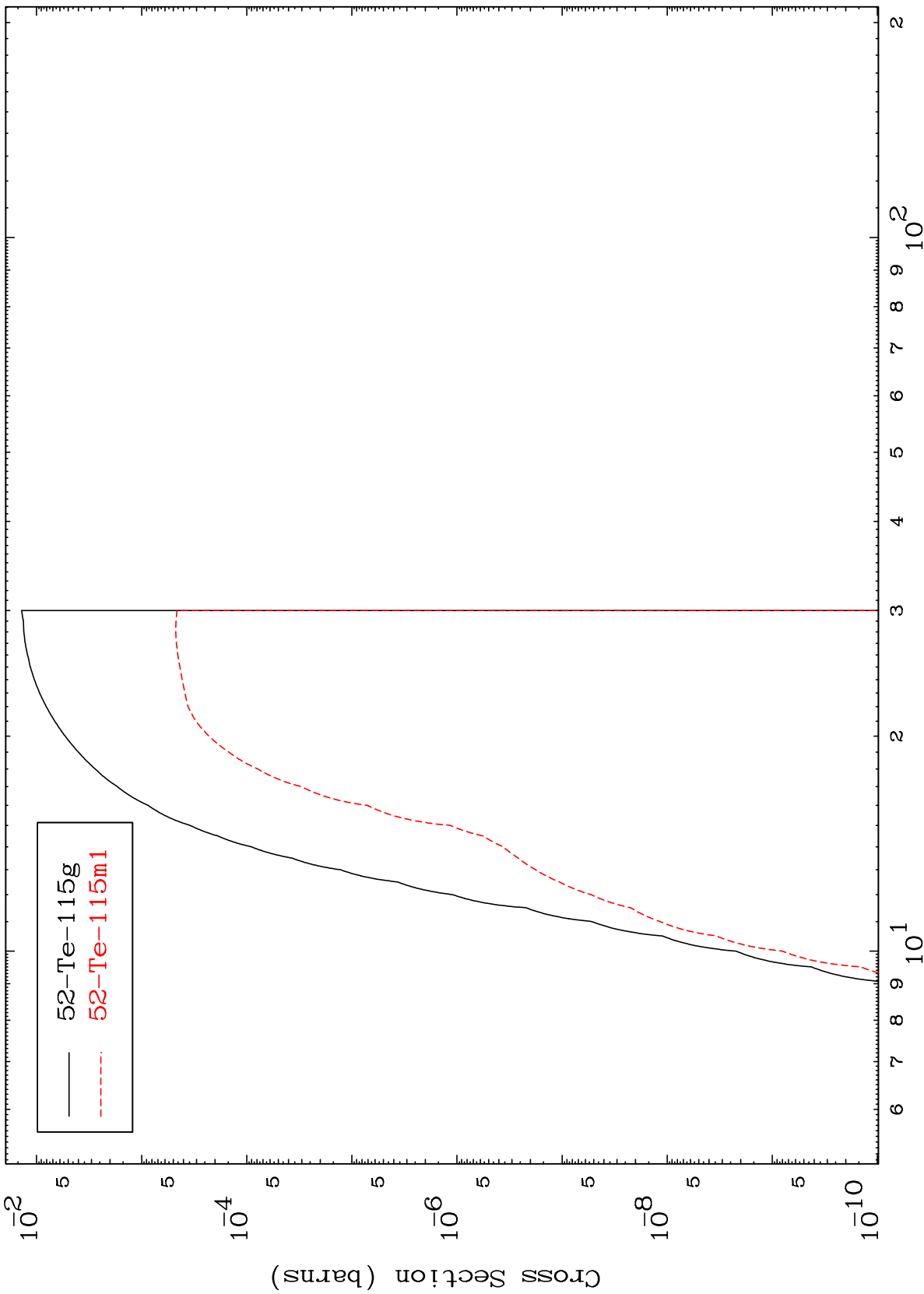
Radionuclide Production Cross Section (n,p)



MAT 5295

53-I -117

(n,t)
Radionuclide Production Cross Section



116

Incident Energy (MeV)

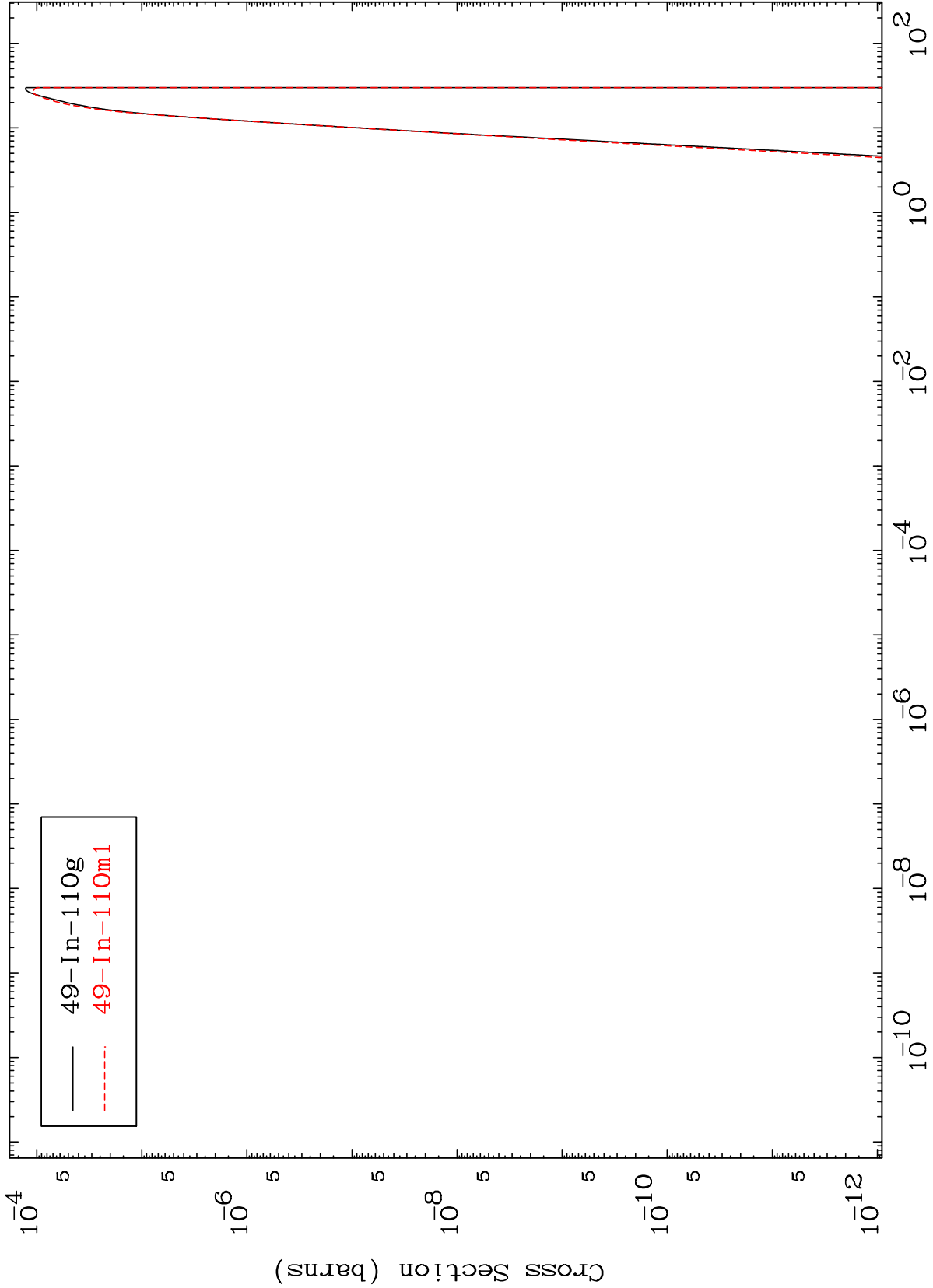
53-I -117

MAT 5295

(n,2α)

53-I -117

Radionuclide Production Cross Section



117

Incident Energy (MeV)

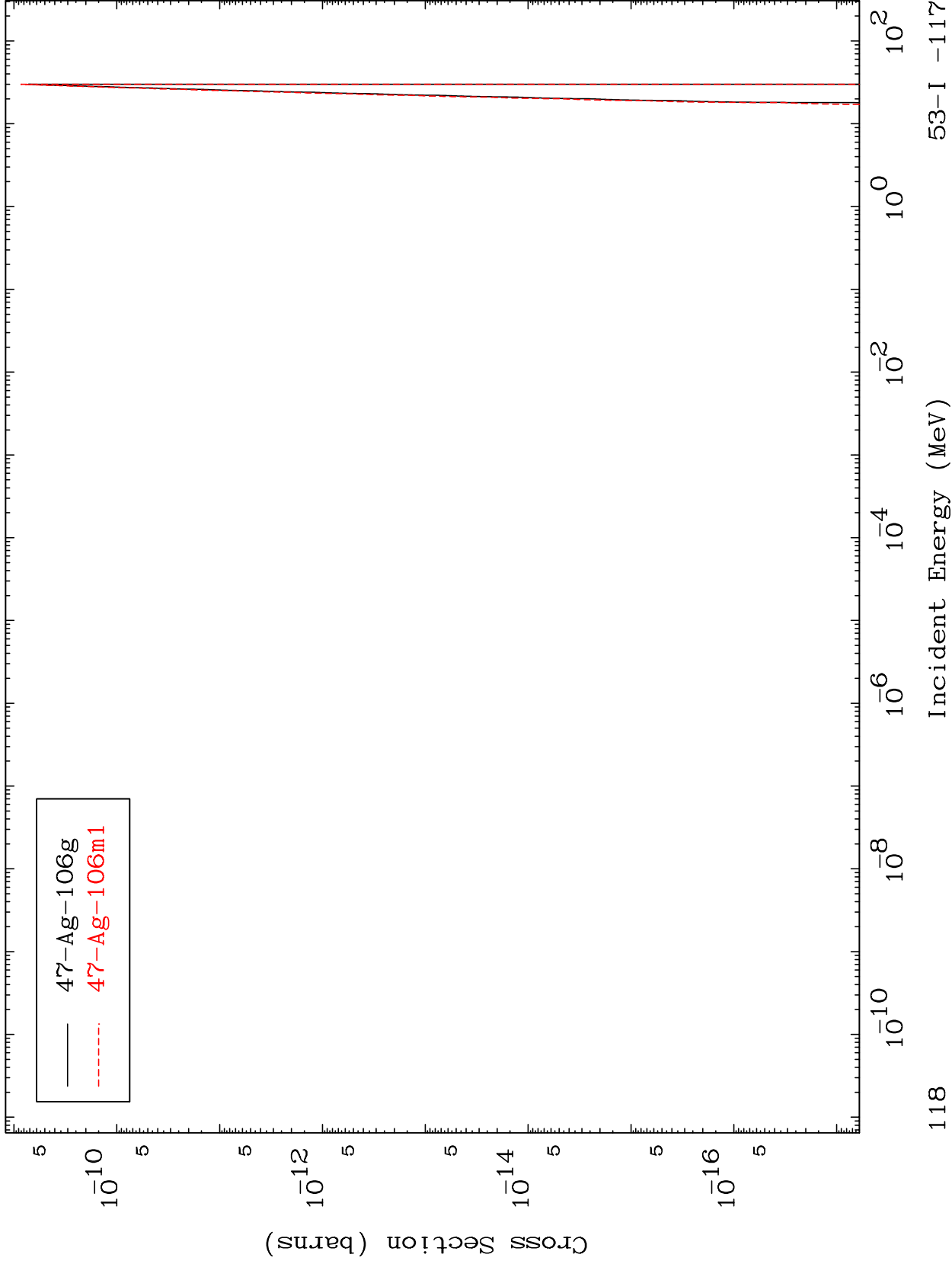
53-I -117

MAT 5295

(n,3 α)

53-I -117

Radionuclide Production Cross Section

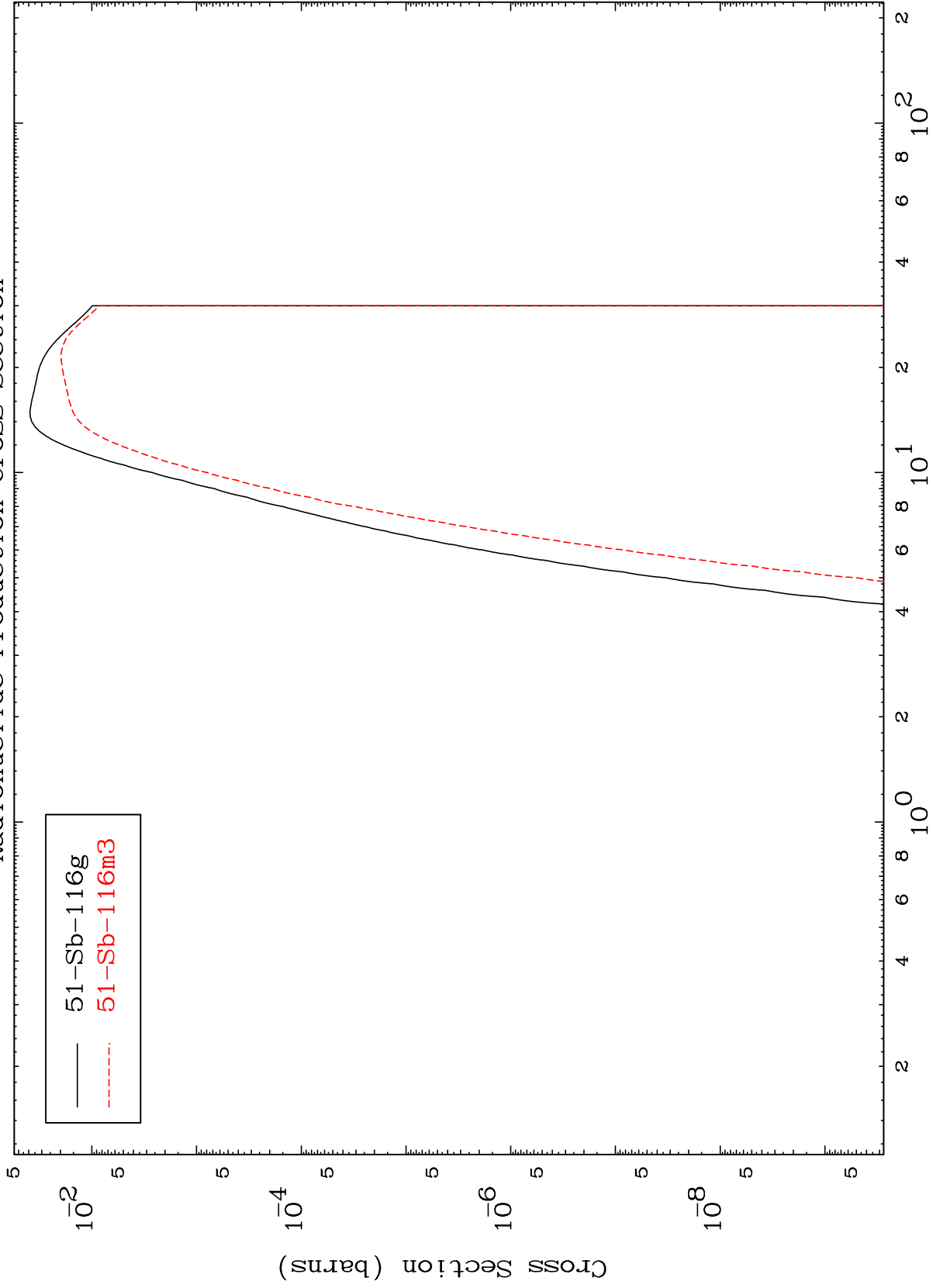


118

Incident Energy (MeV)

53-I -117

Radionuclide Production Cross Section (n,2p)

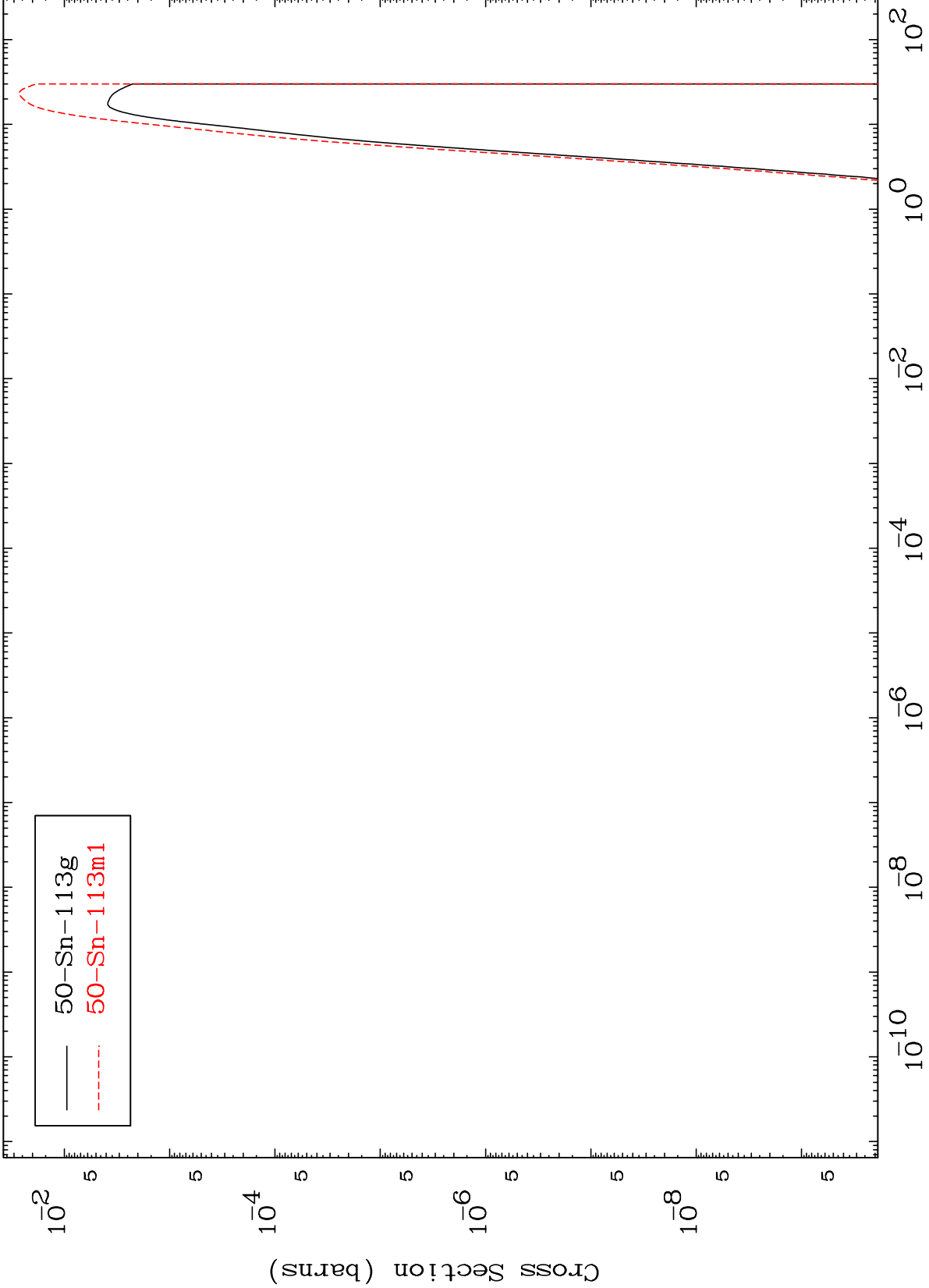
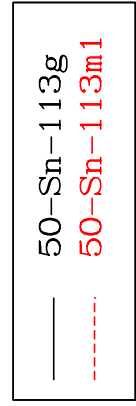


MAT 5295

(n,p) α

53-I -117

Radionuclide Production Cross Section



120

53-I -117