

Program EVALPLOT
(Version 2021-1)

by

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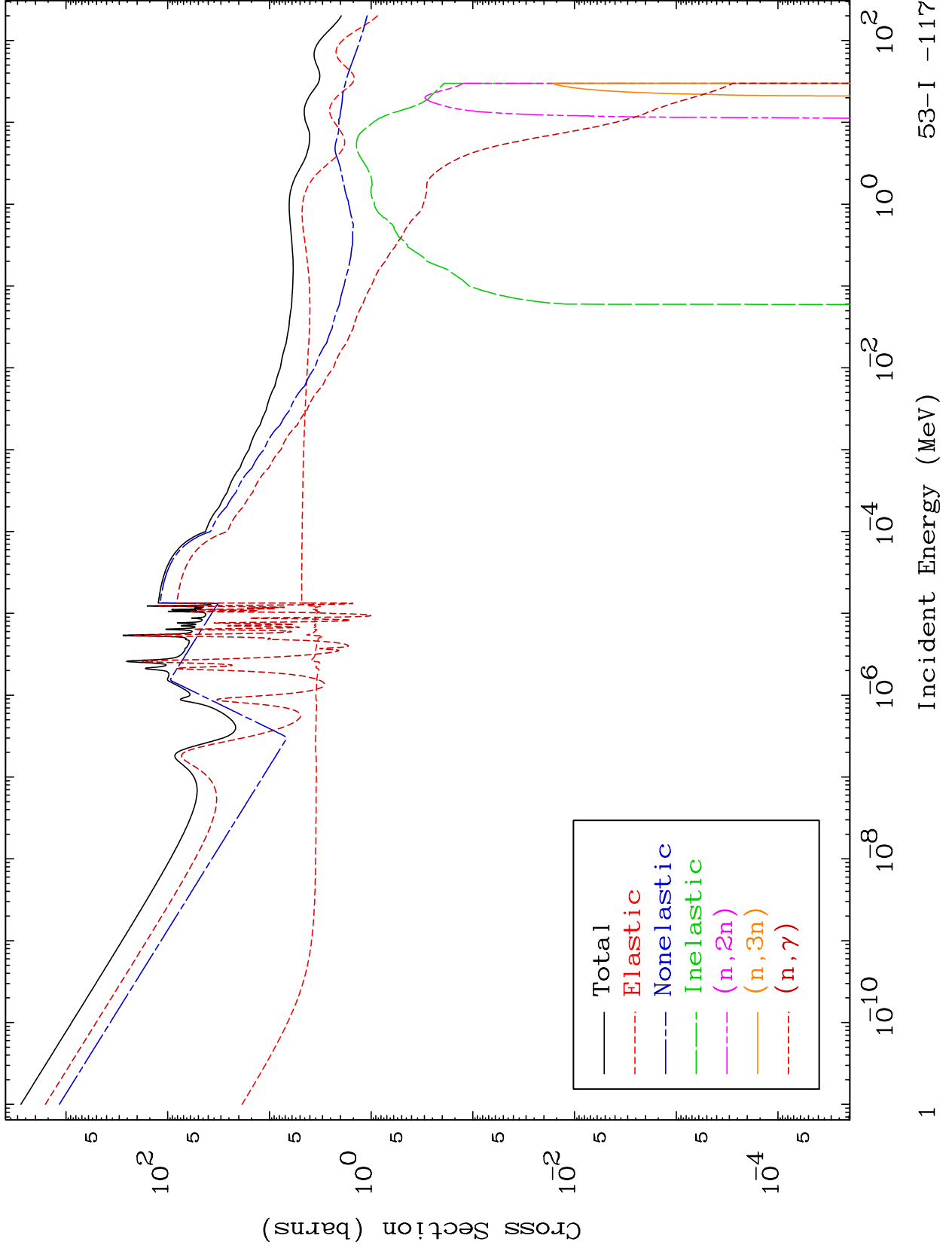
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5295

Neutron Major
293 Kelvin Cross Sections

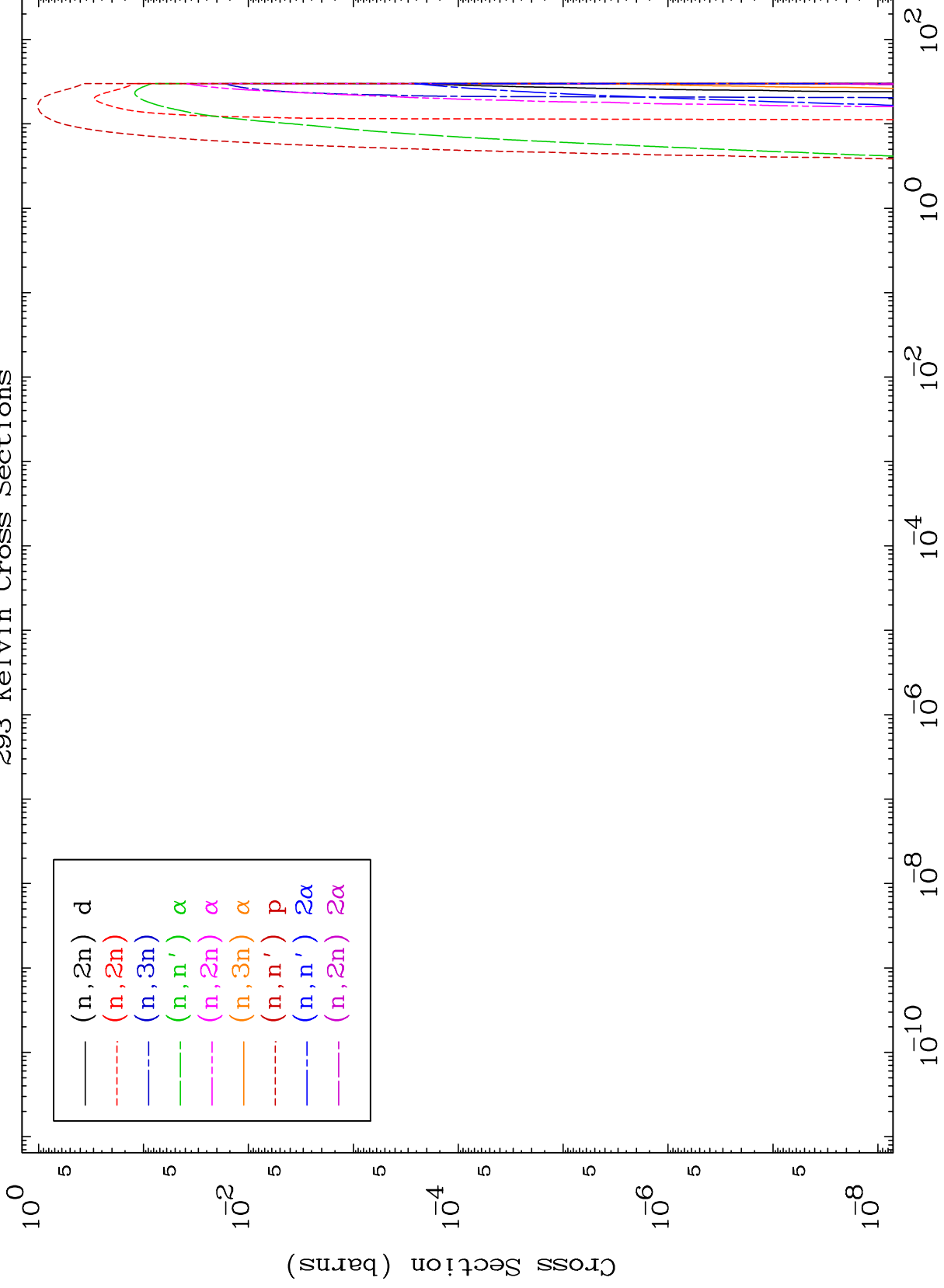
53-I -117

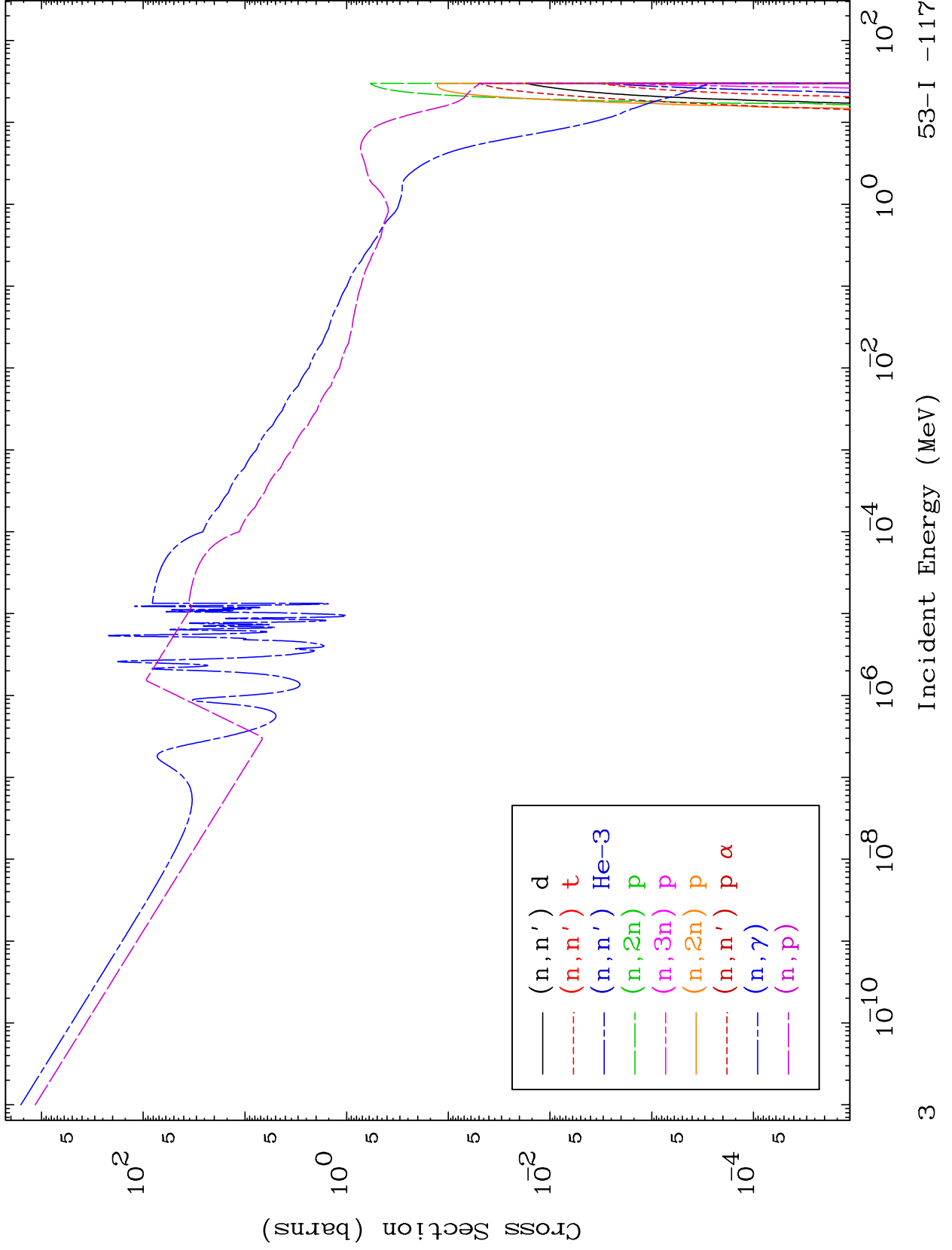


MAT 5295

Neutron Absorption
293 Kelvin Cross Sections

53-I -117

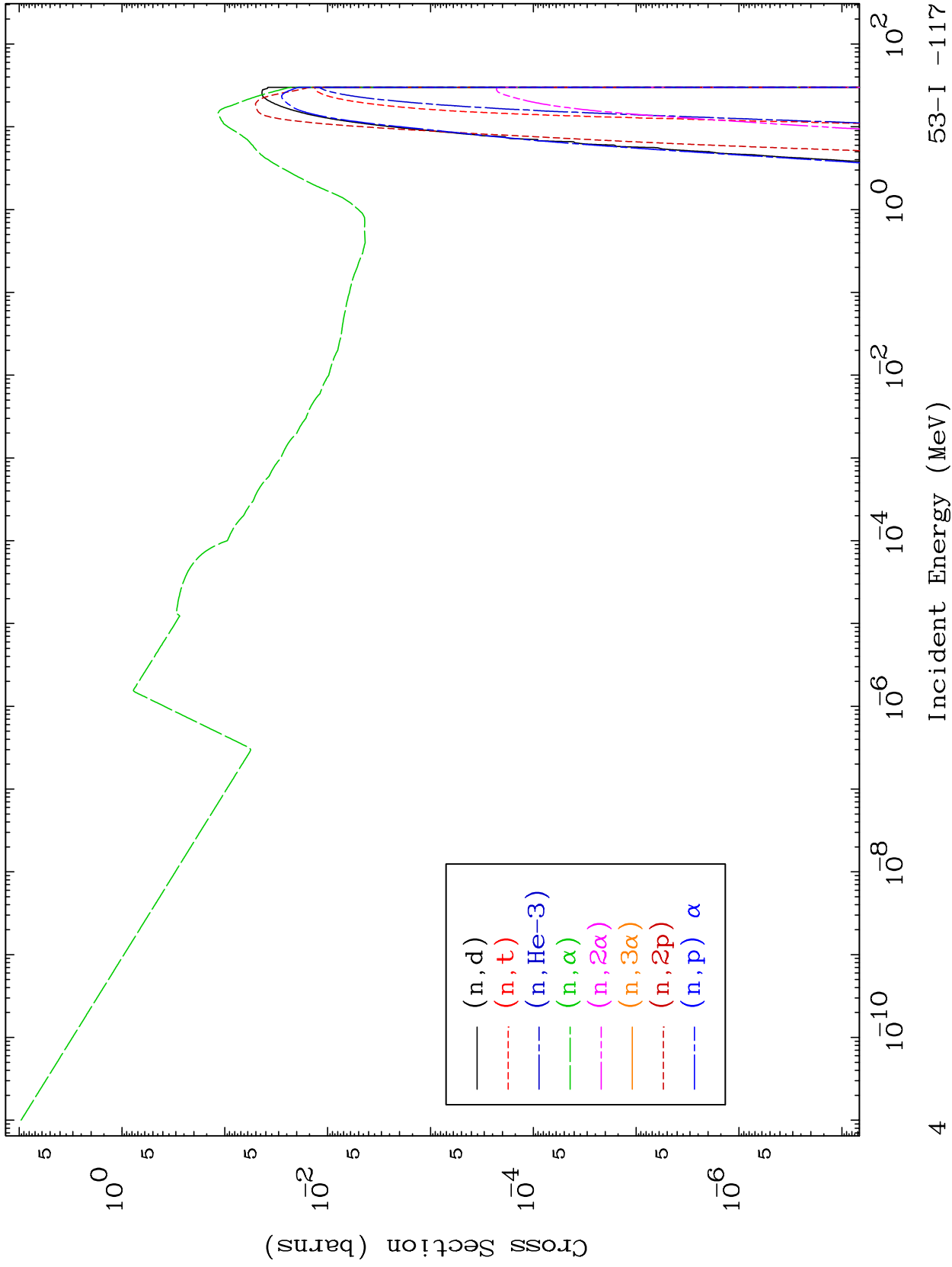


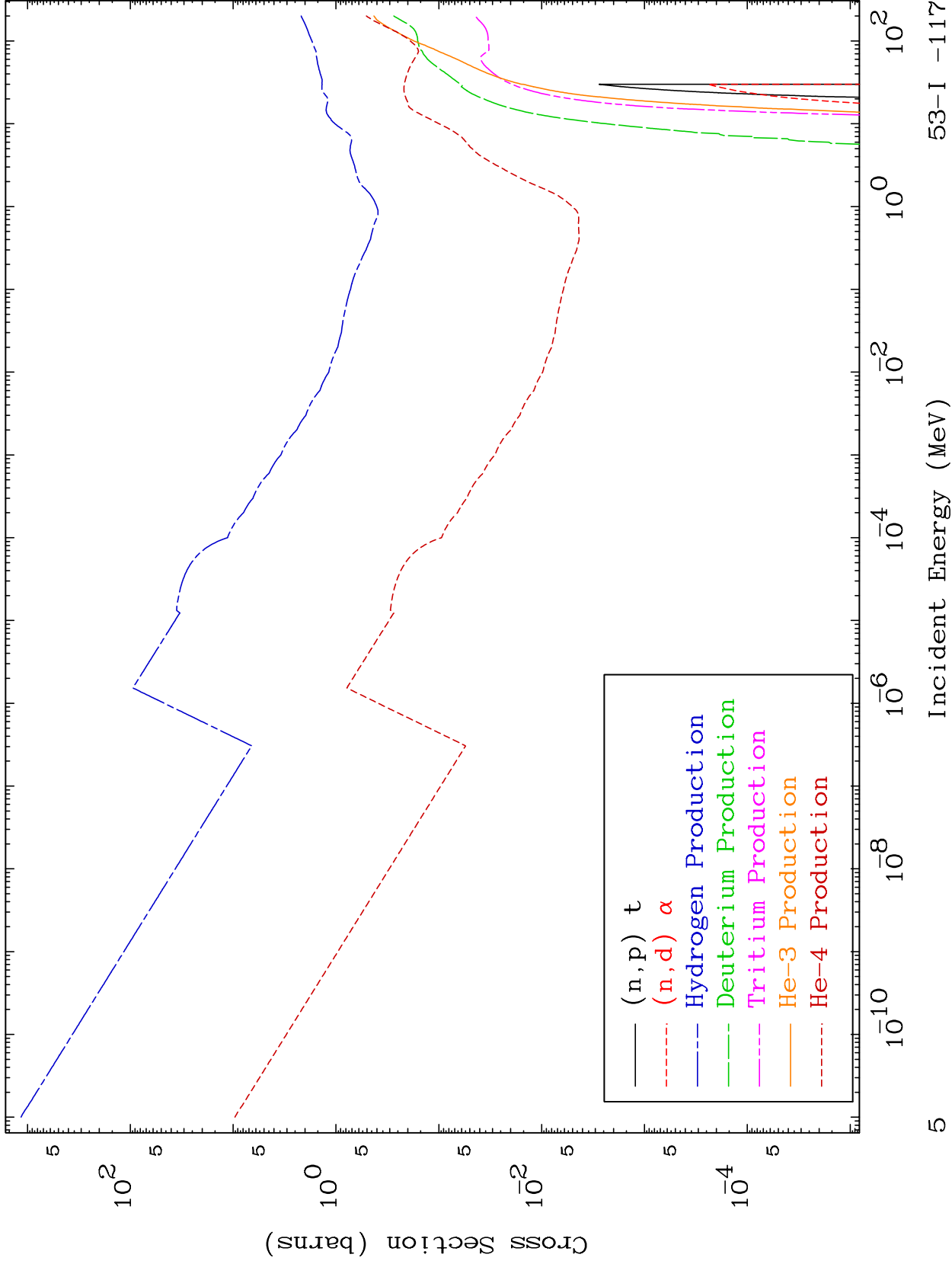


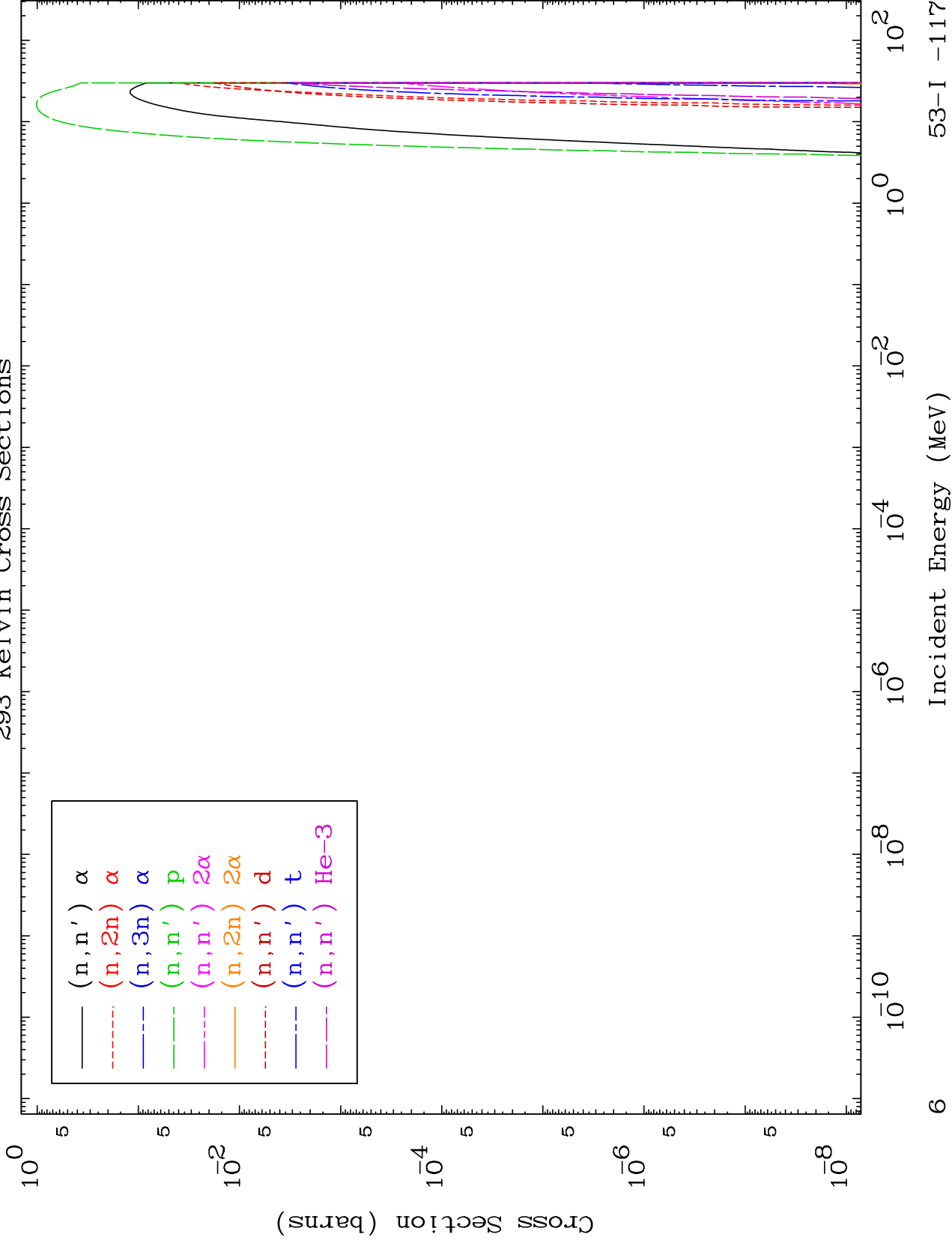
MAT 5295

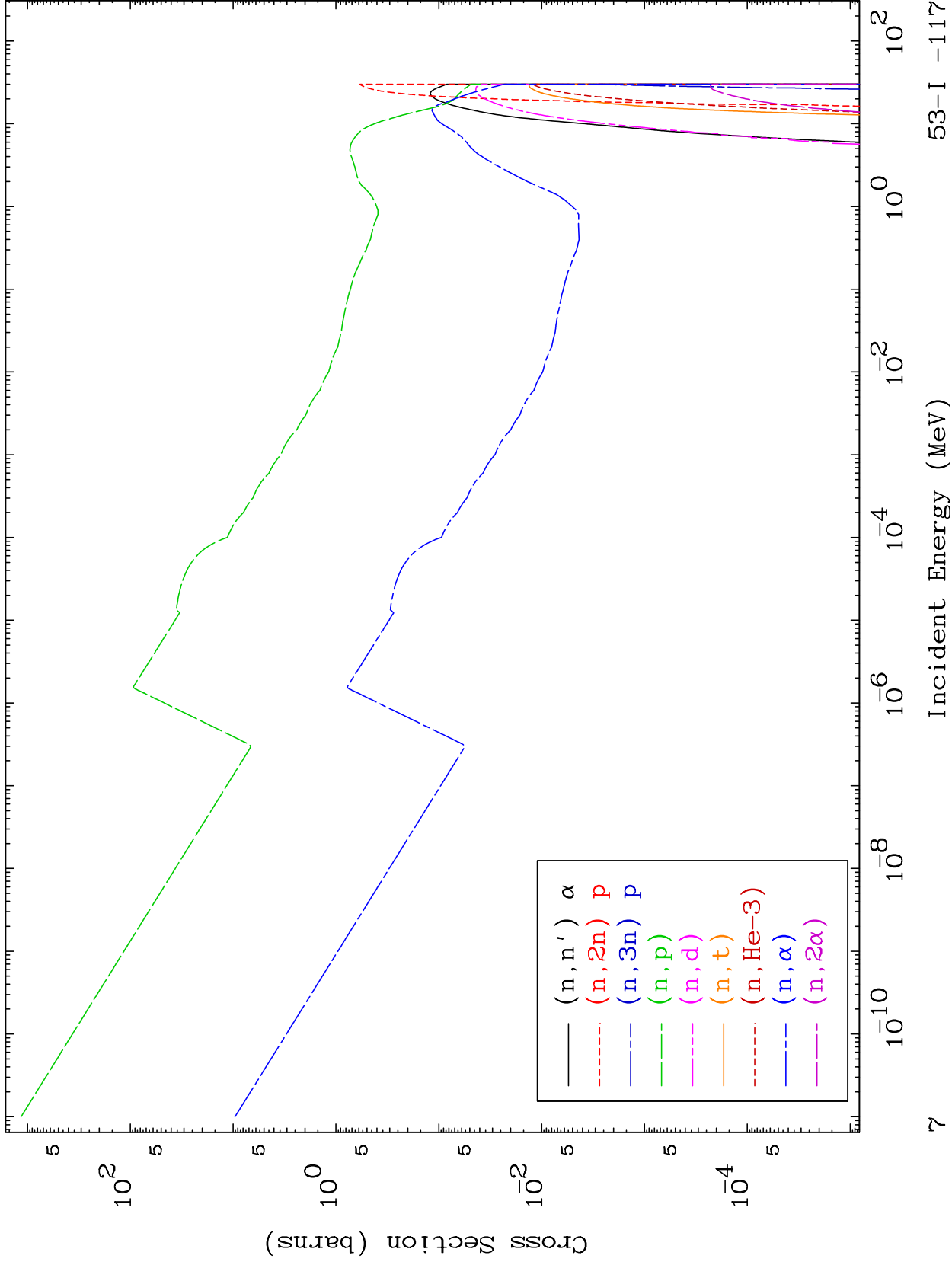
Neutron Absorption
293 Kelvin Cross Sections

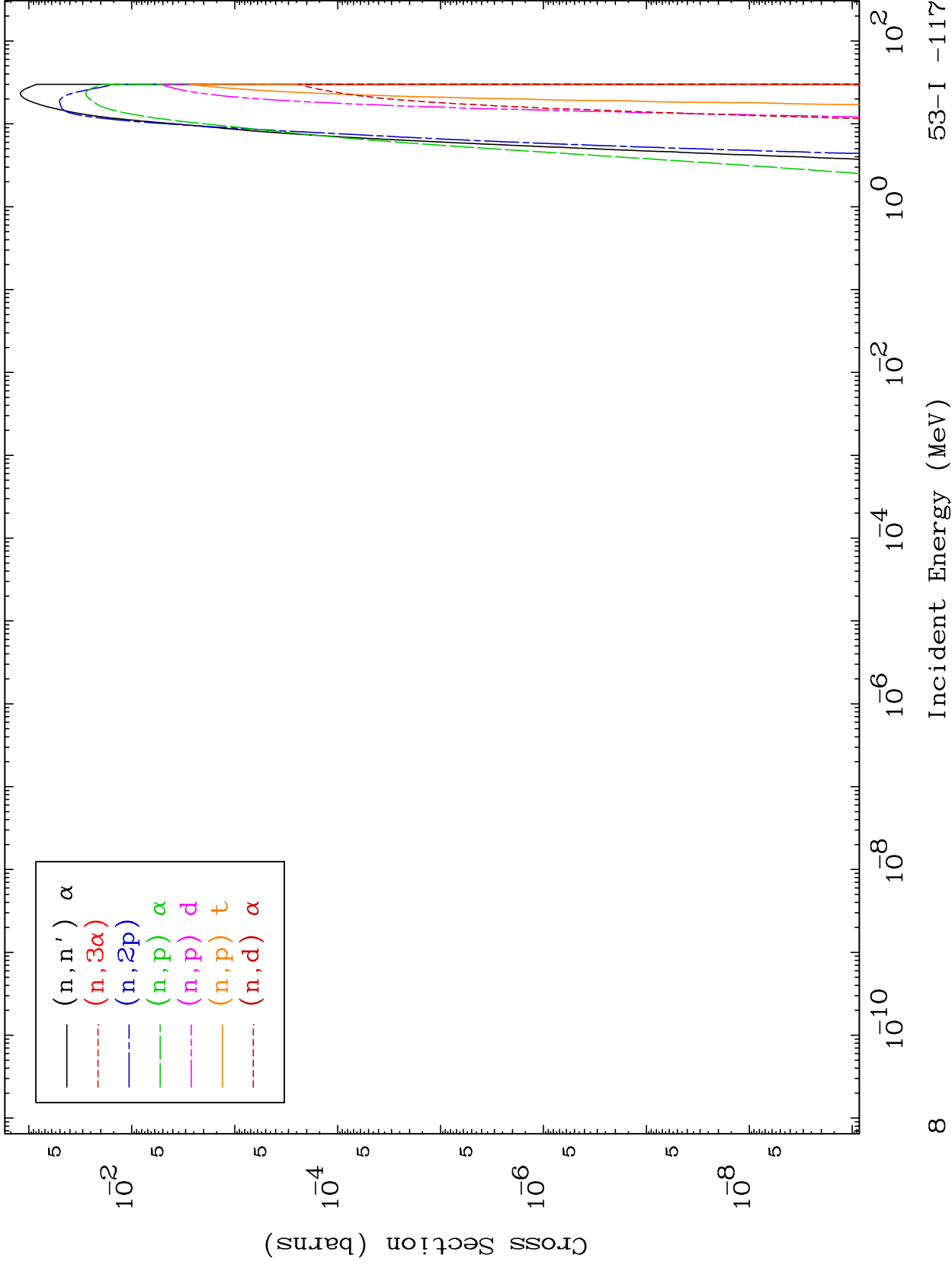
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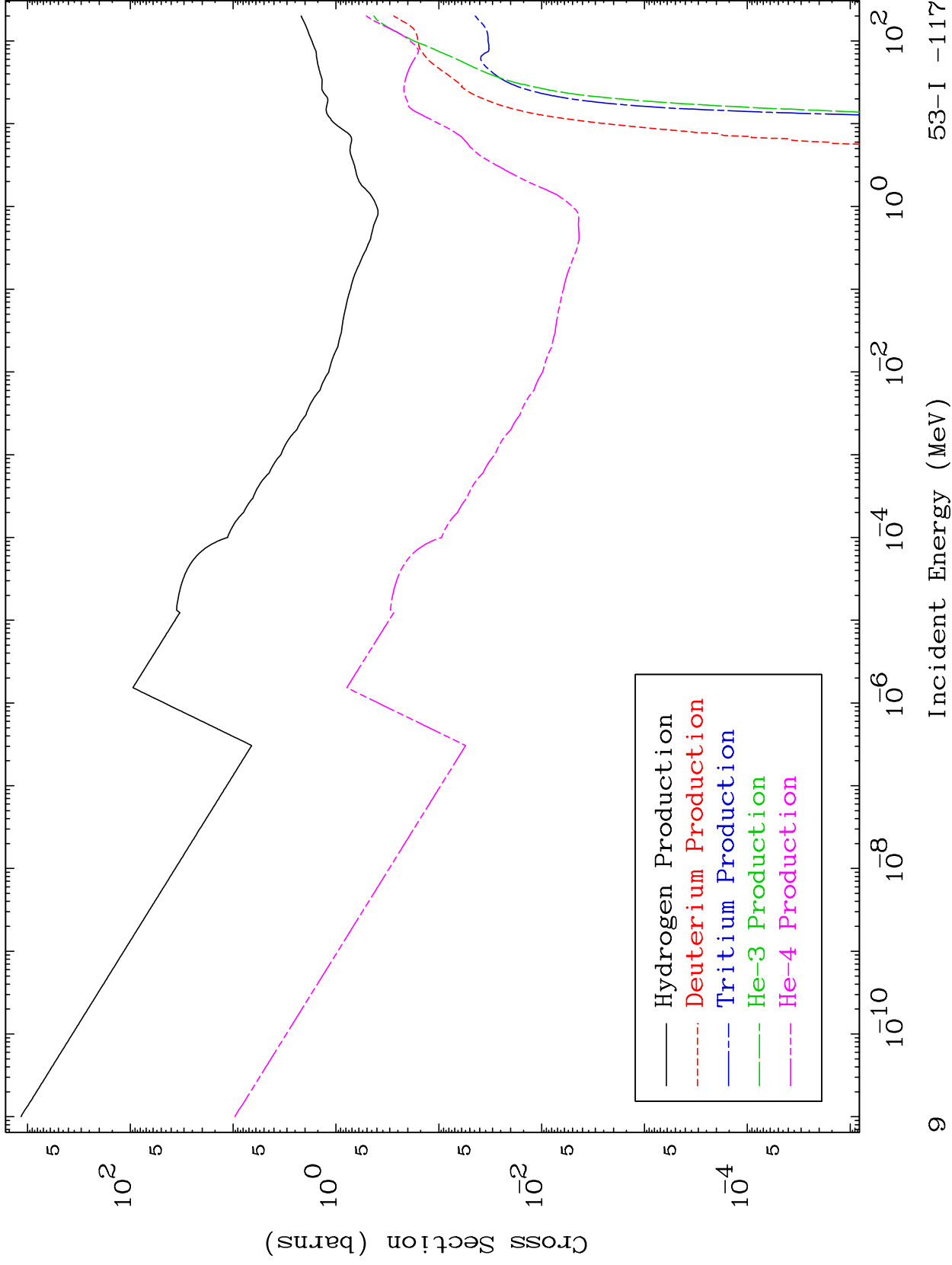


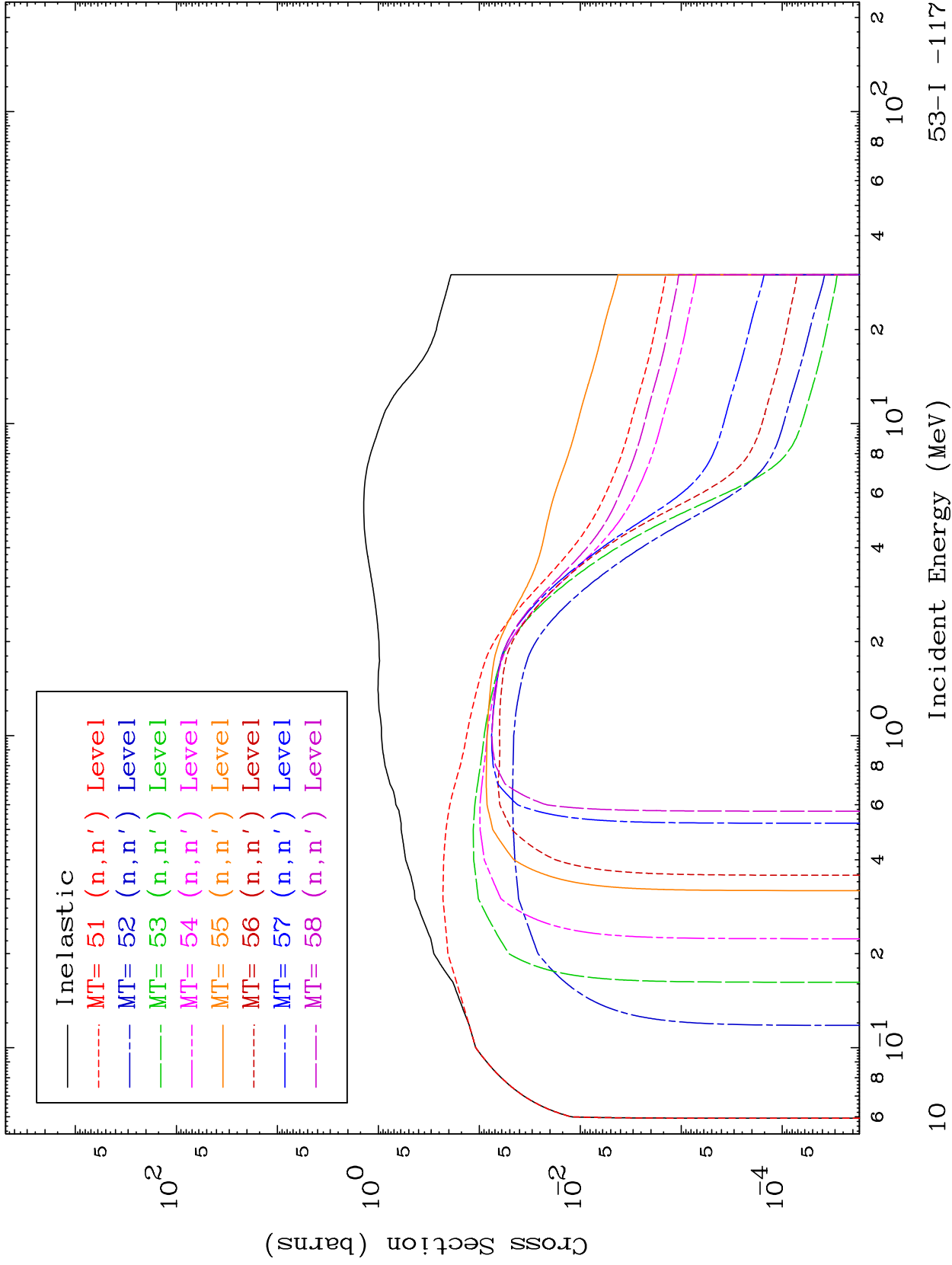


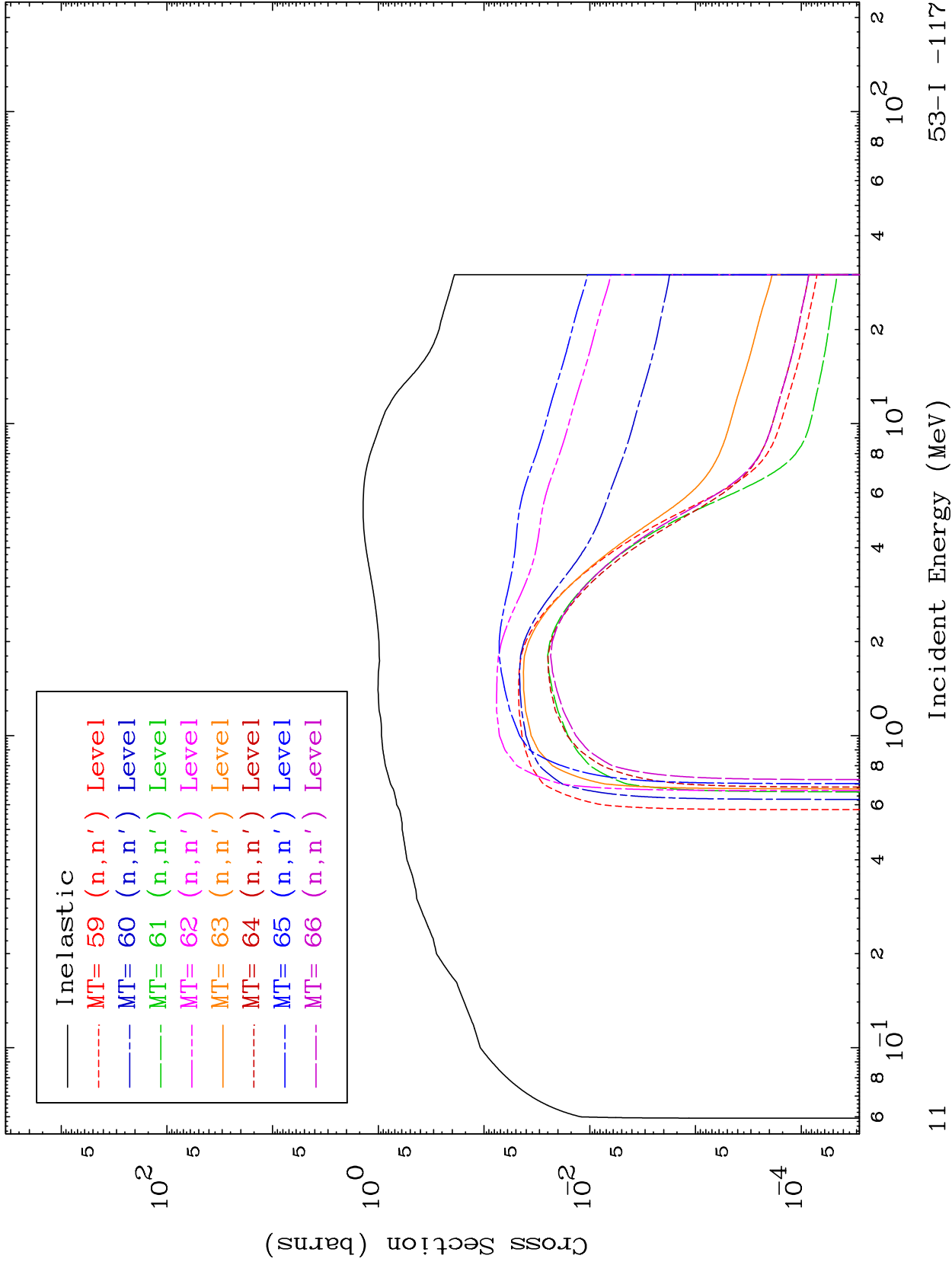


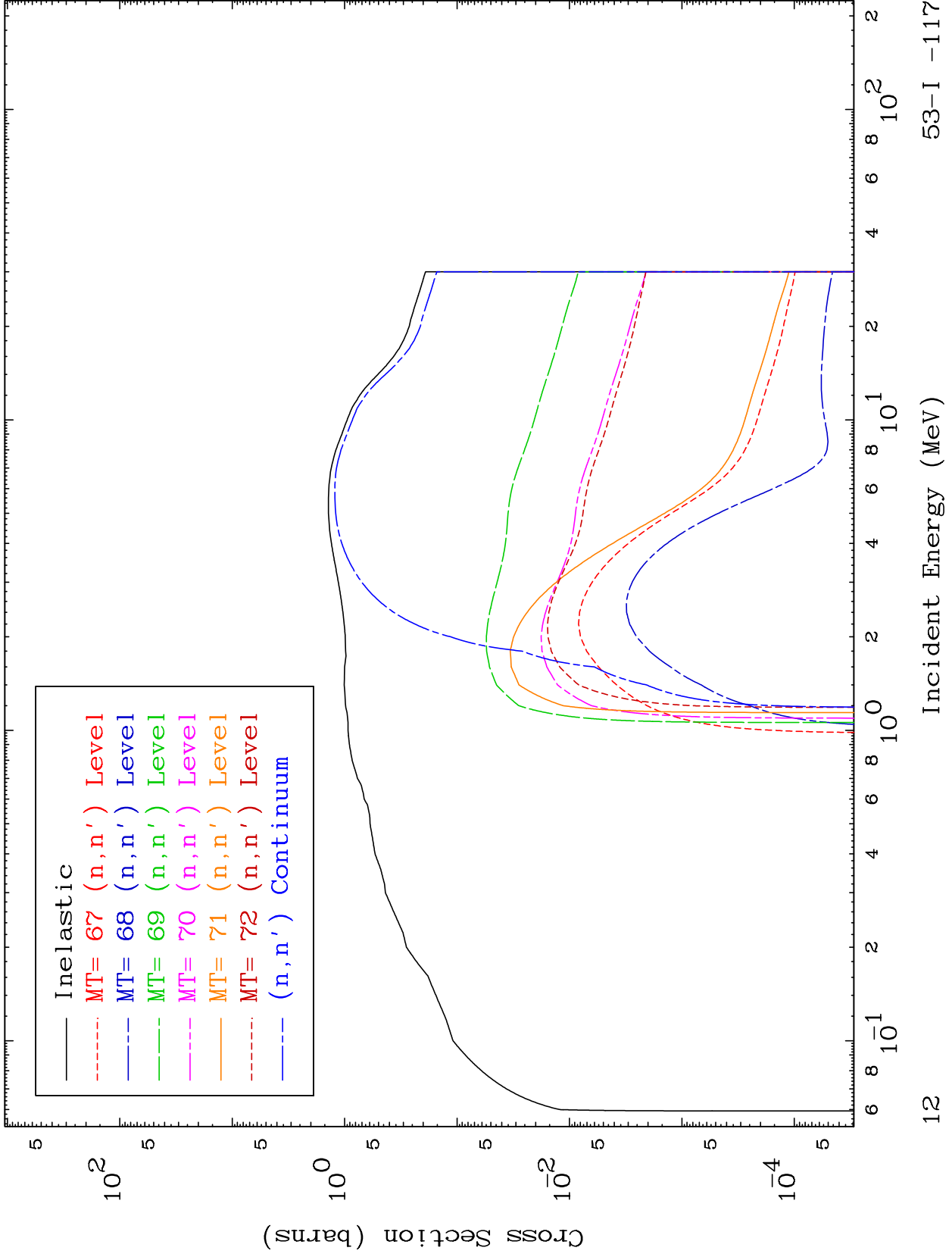








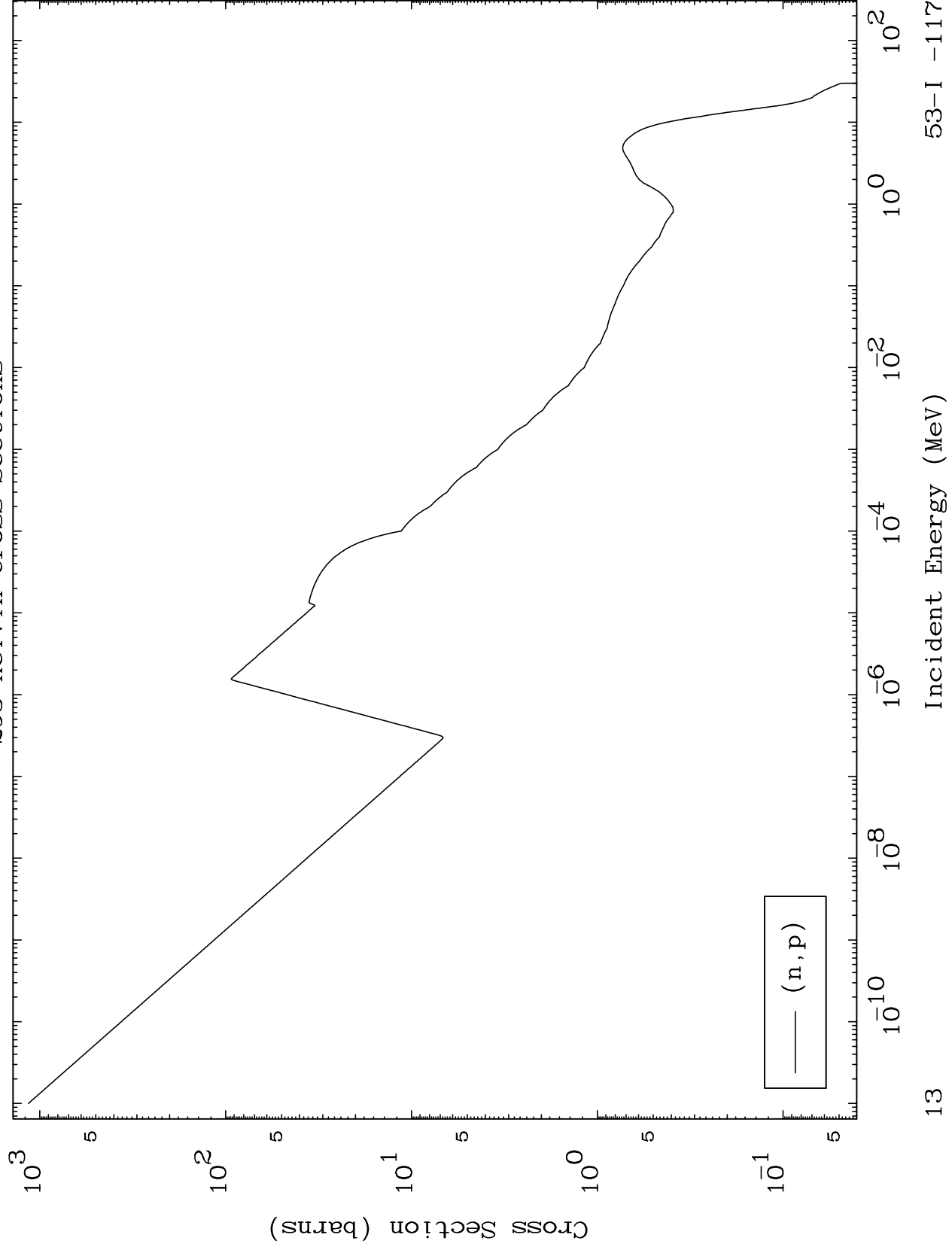




MAT 5295

(n,p) Levels
293 Kelvin Cross Sections

53-I -117



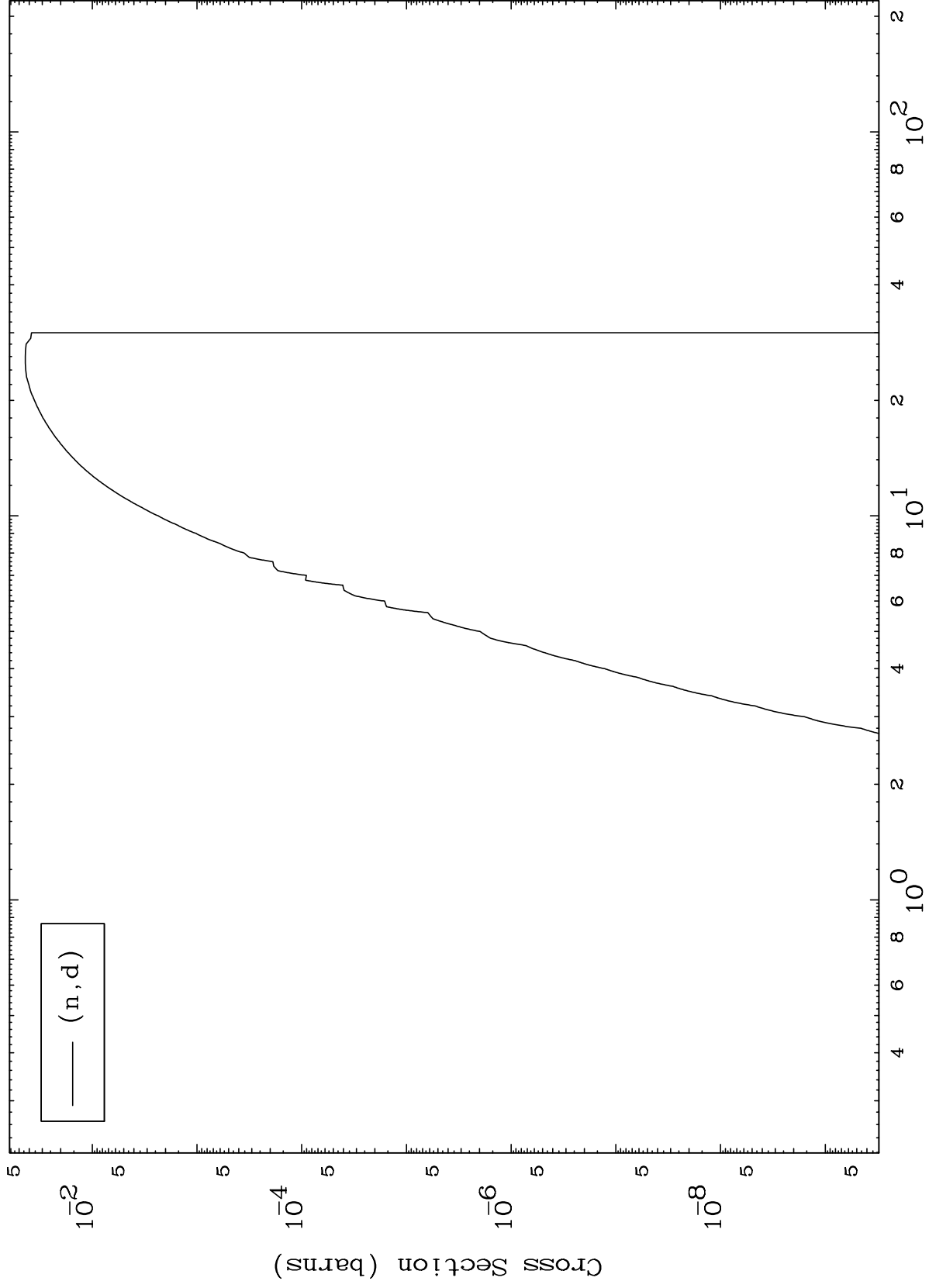
13

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MAT 5295

(n,d) Levels
293 Kelvin Cross Sections

53-I -117



14

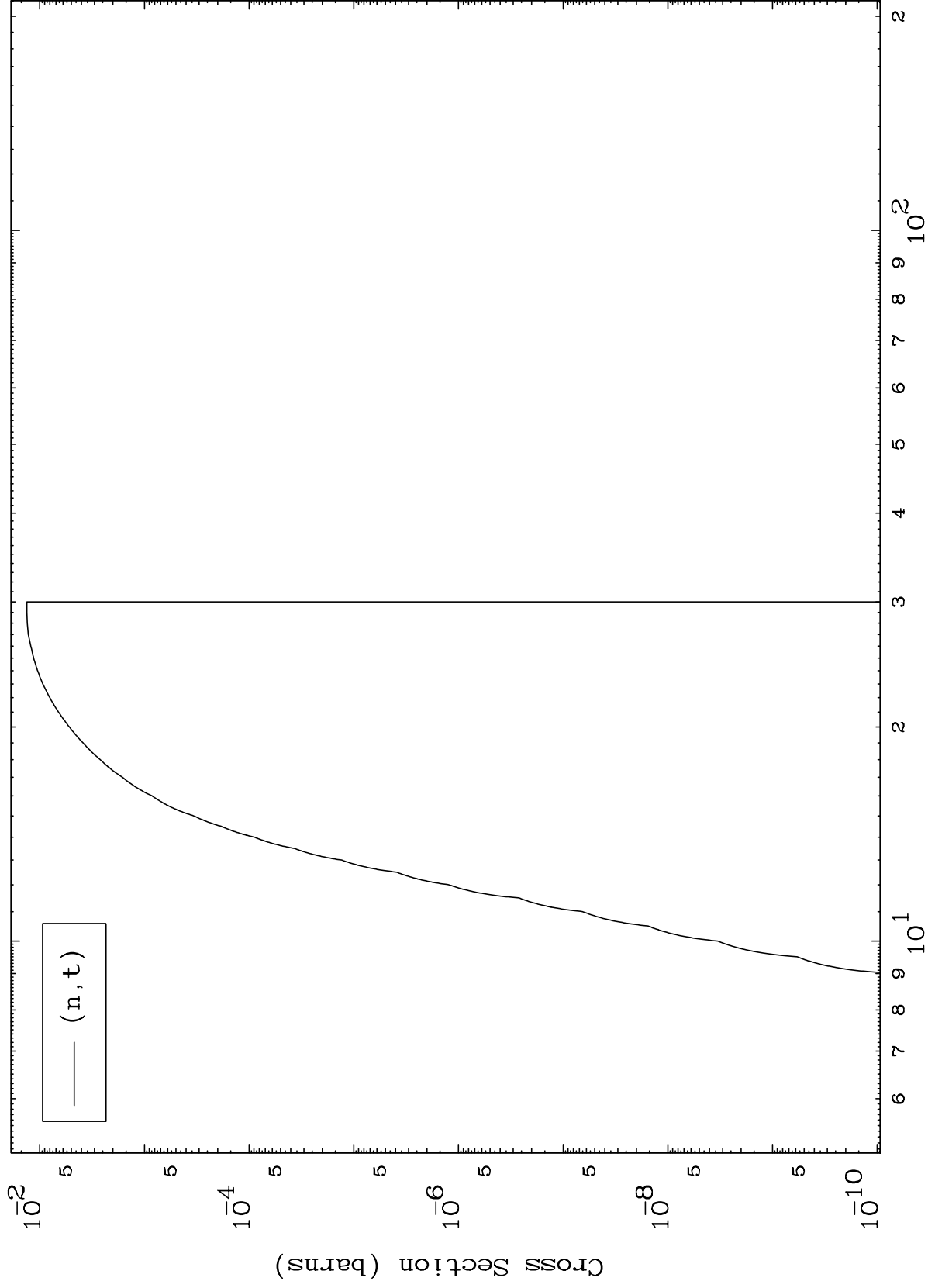
Incident Energy (MeV)

53-I -117

MAT 5295

(n,t) Levels
293 Kelvin Cross Sections

53-I -117



15

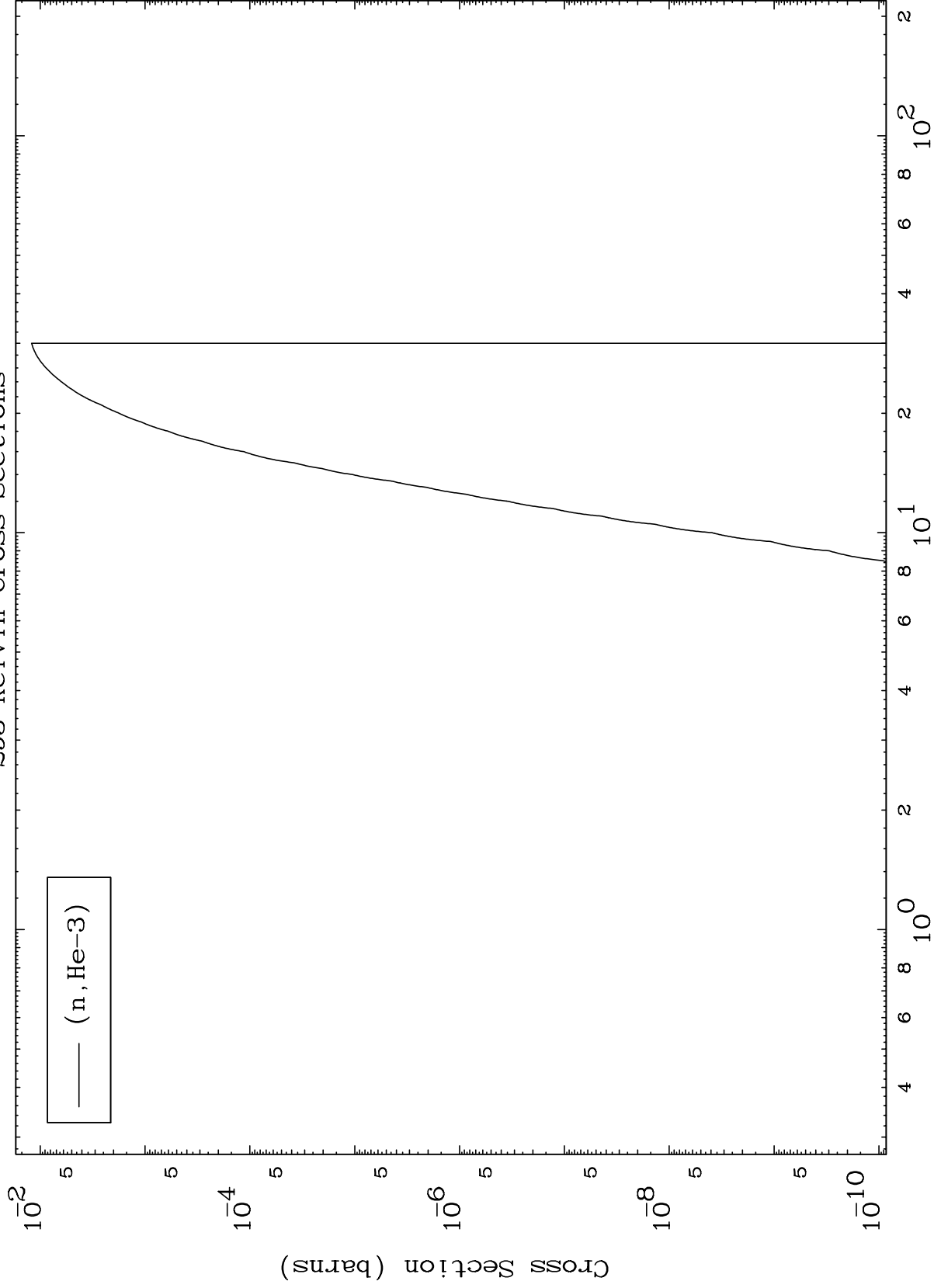
Incident Energy (MeV)

53-I -117

MAT 5295

(n,He3) Levels
293 Kelvin Cross Sections

53-I -117



16

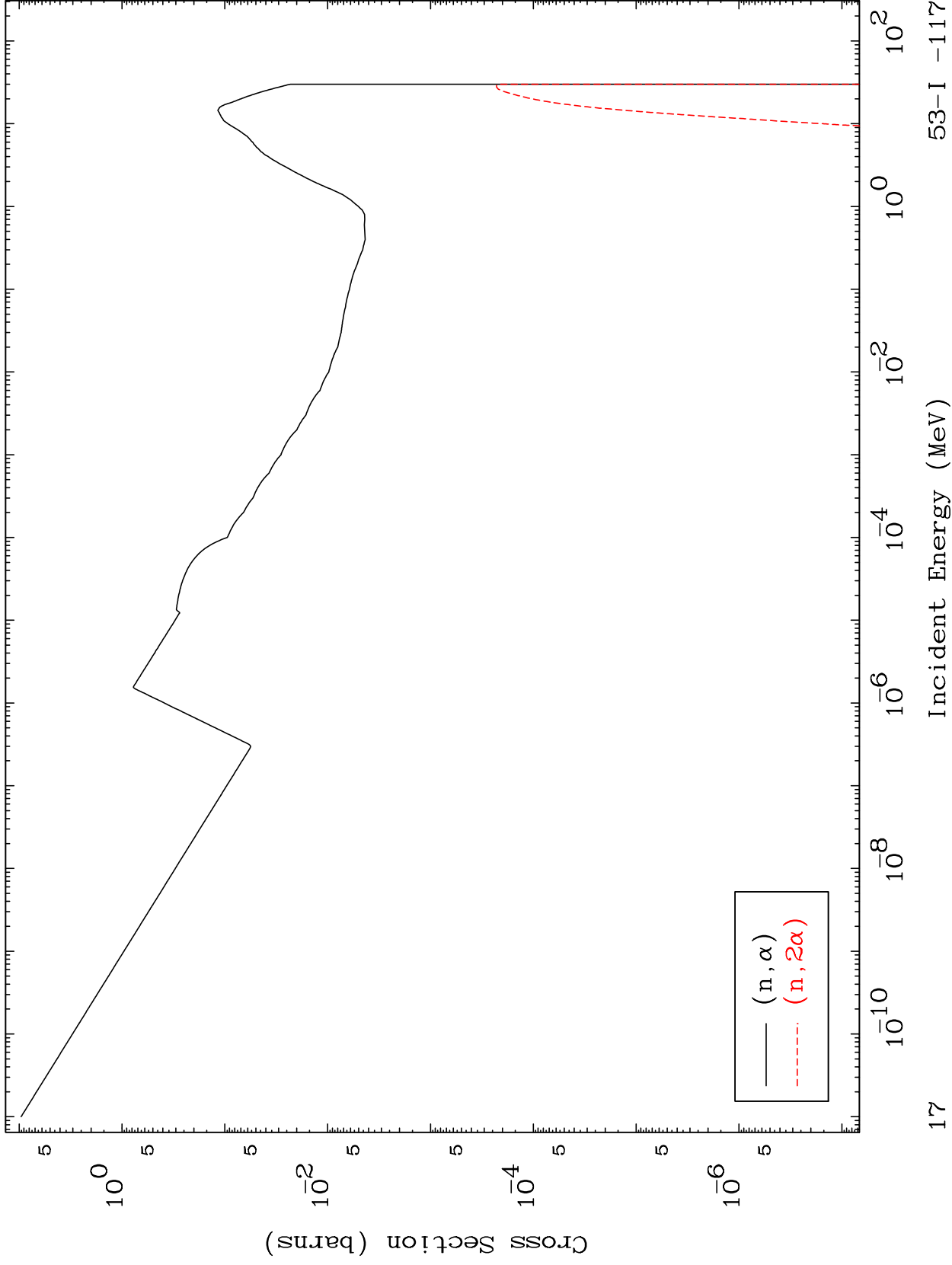
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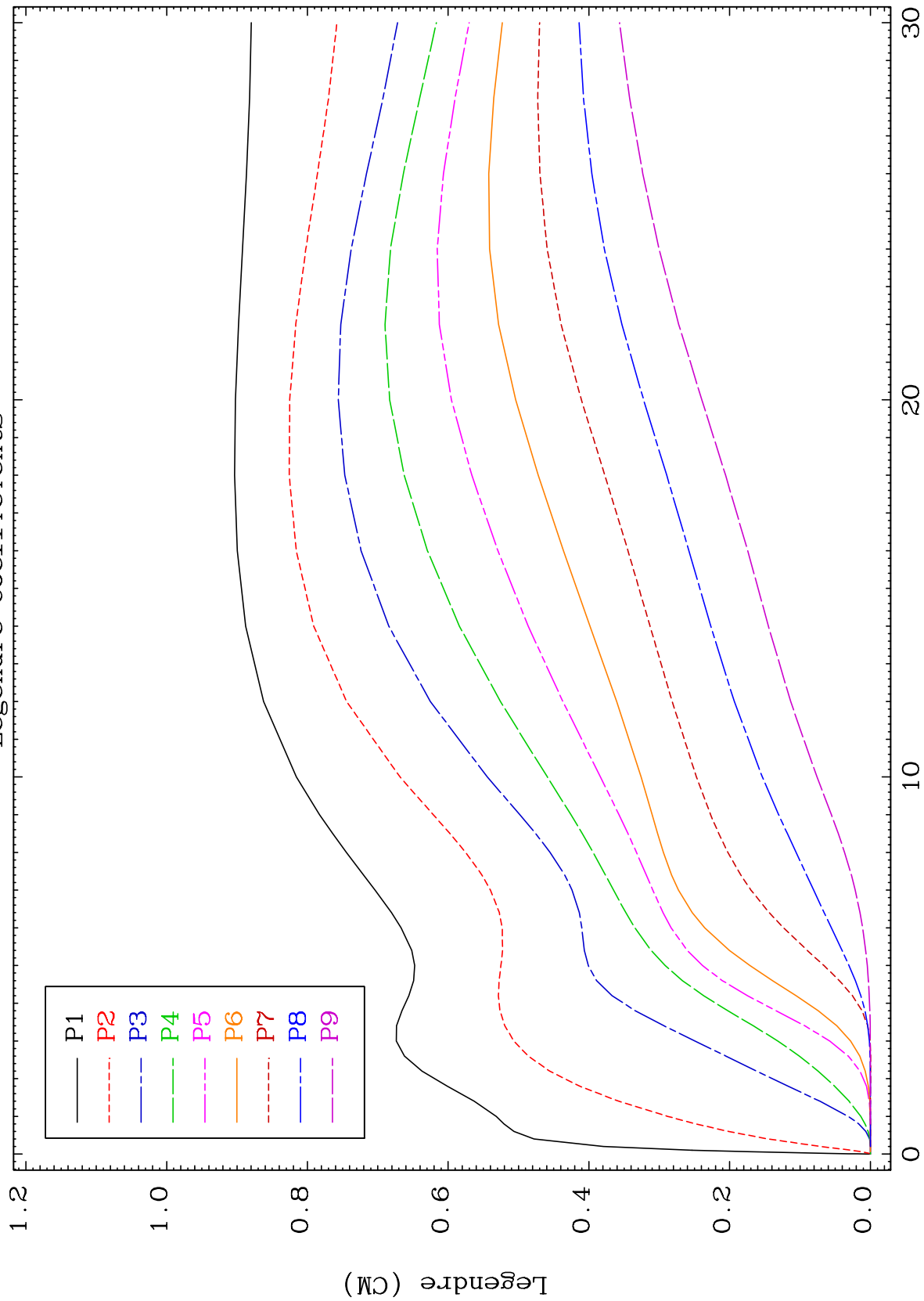
53-I -117

MAT 5295

(n,α) Levels
293 Kelvin Cross Sections

53-I -117

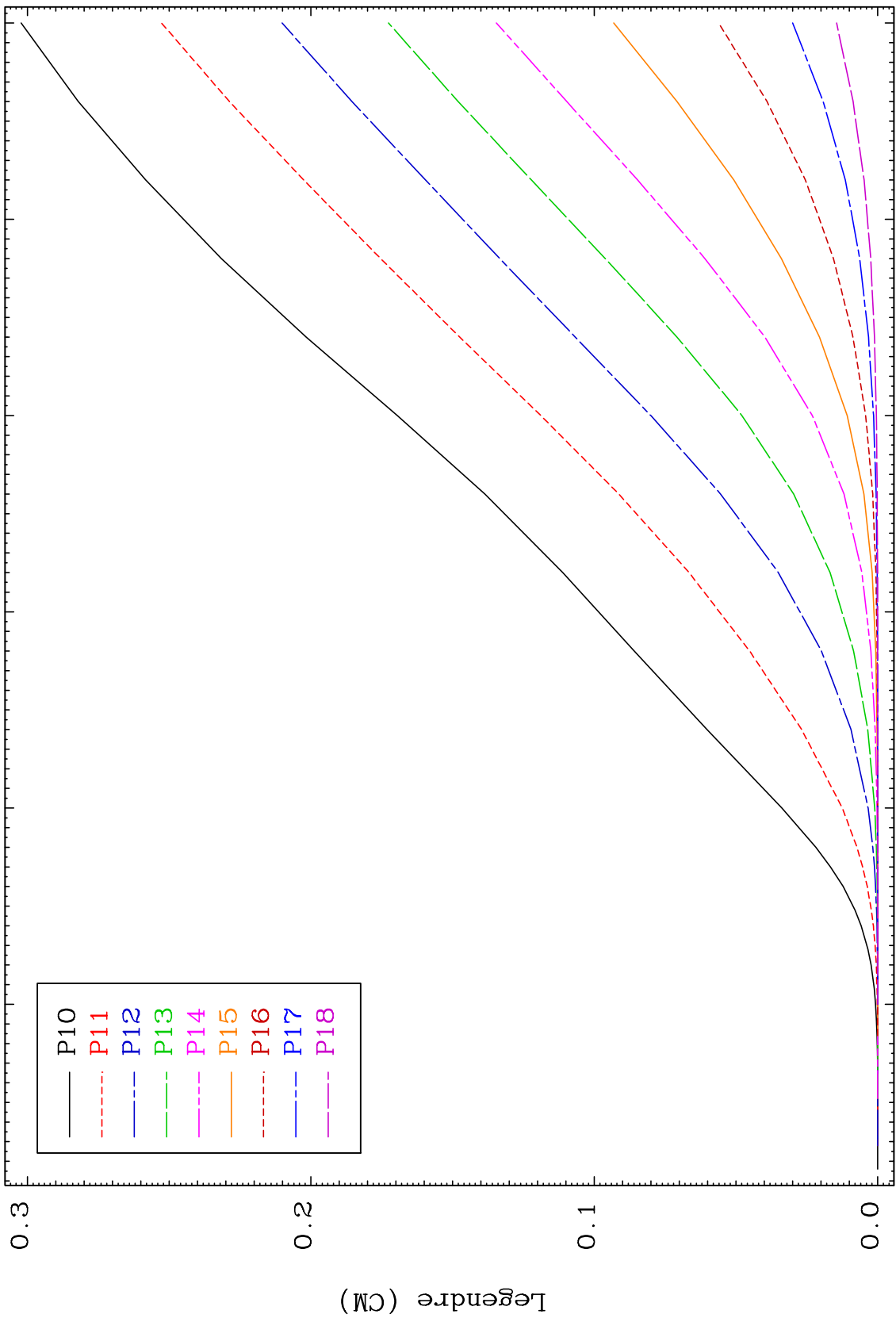




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Elastic Legendre Coefficients

53-I -117



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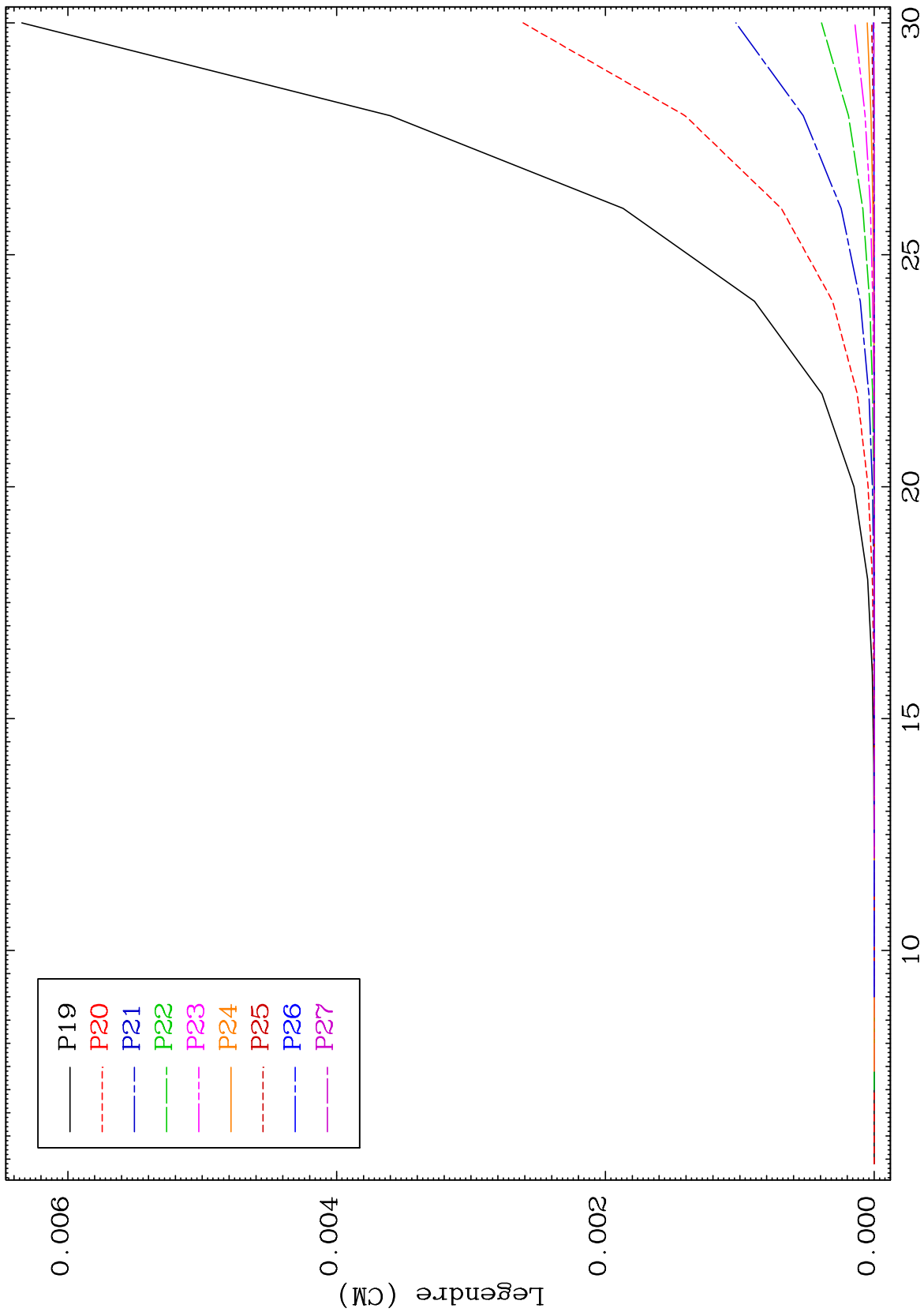
Incident Energy (MeV)

53-I -117

MAT 5295

Elastic Legendre Coefficients

53-I -117



20

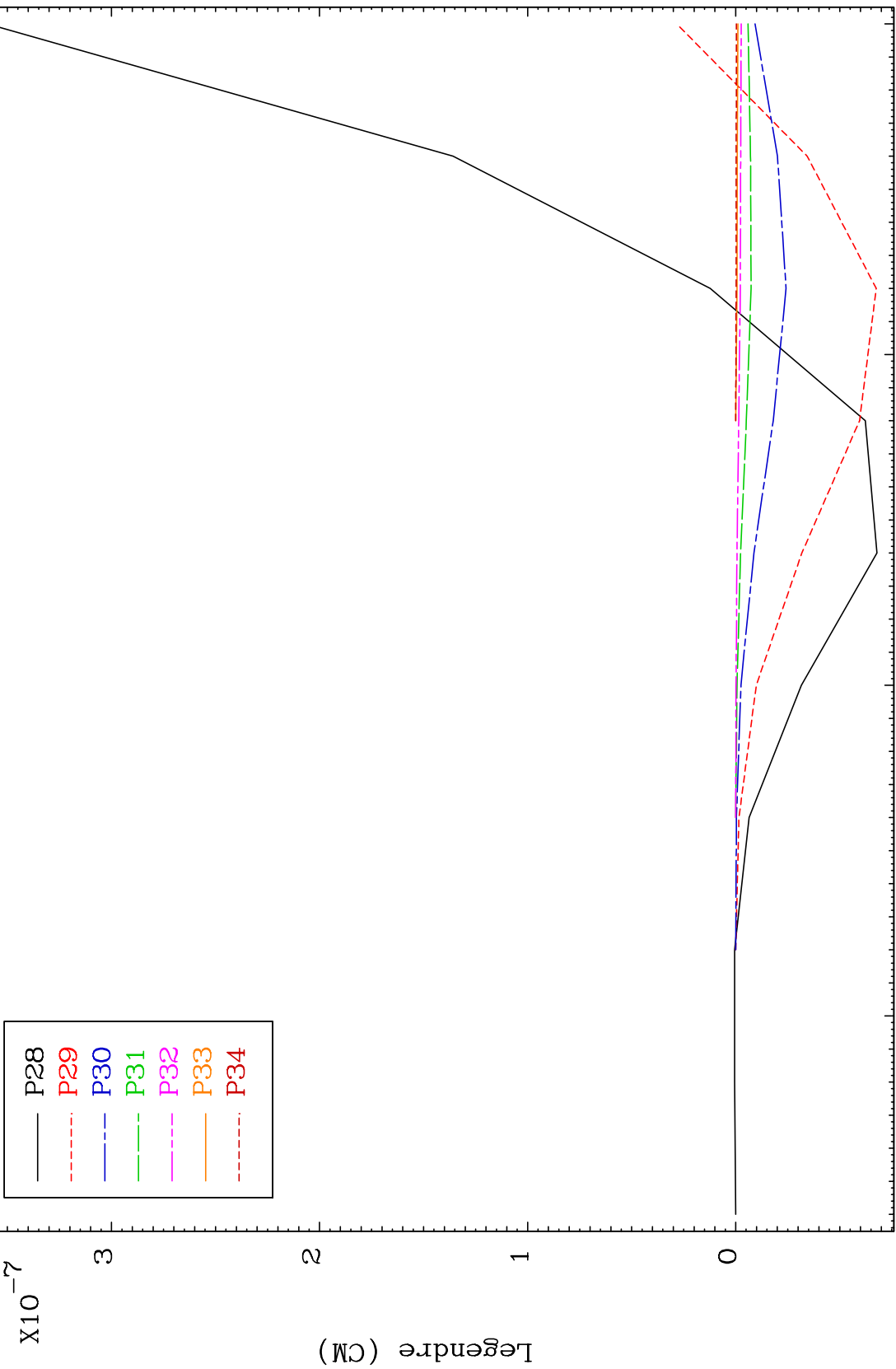
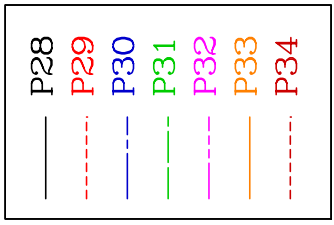
Incident Energy (MeV)

53-I -117

MAT 5295

Elastic Legendre Coefficients

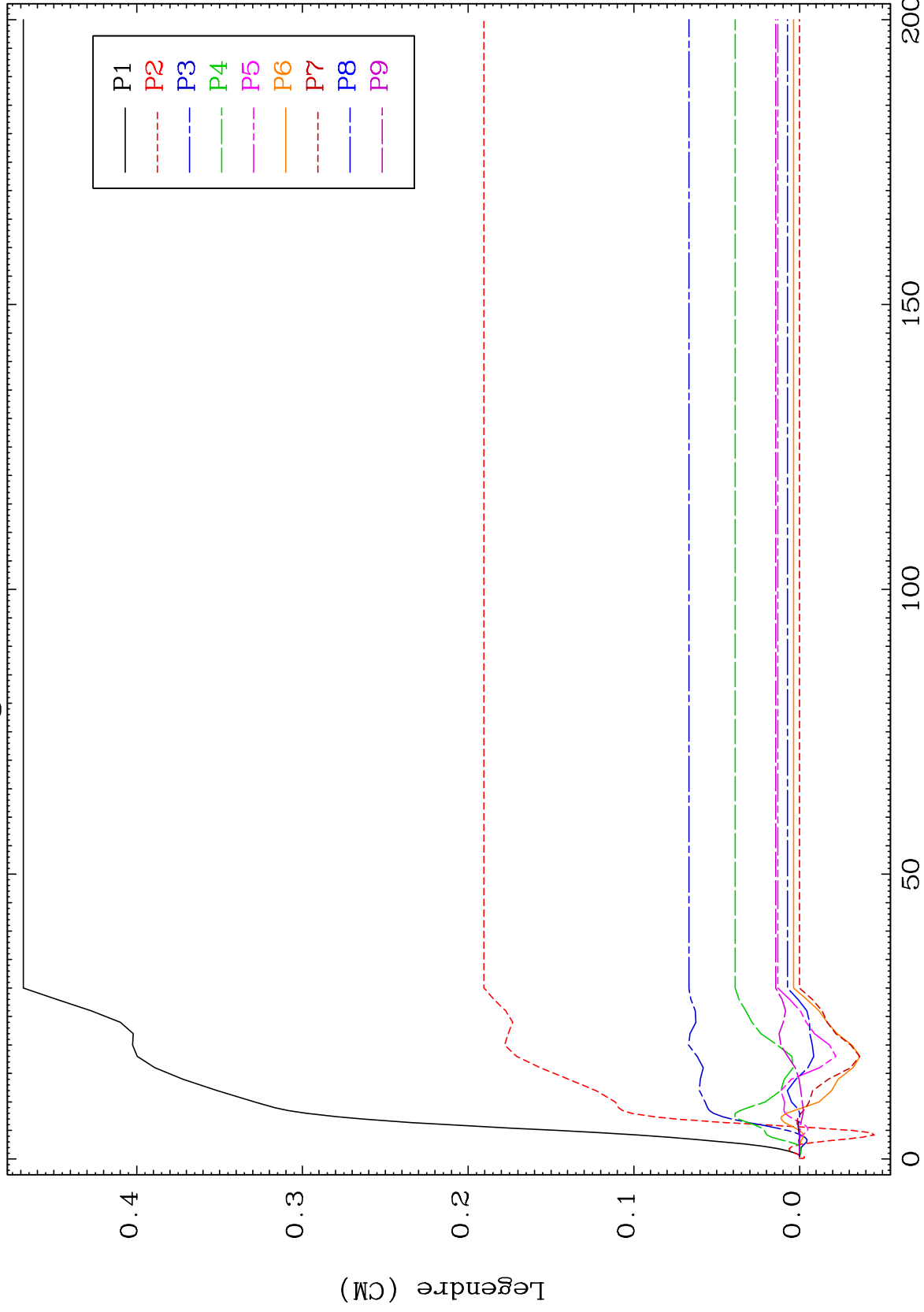
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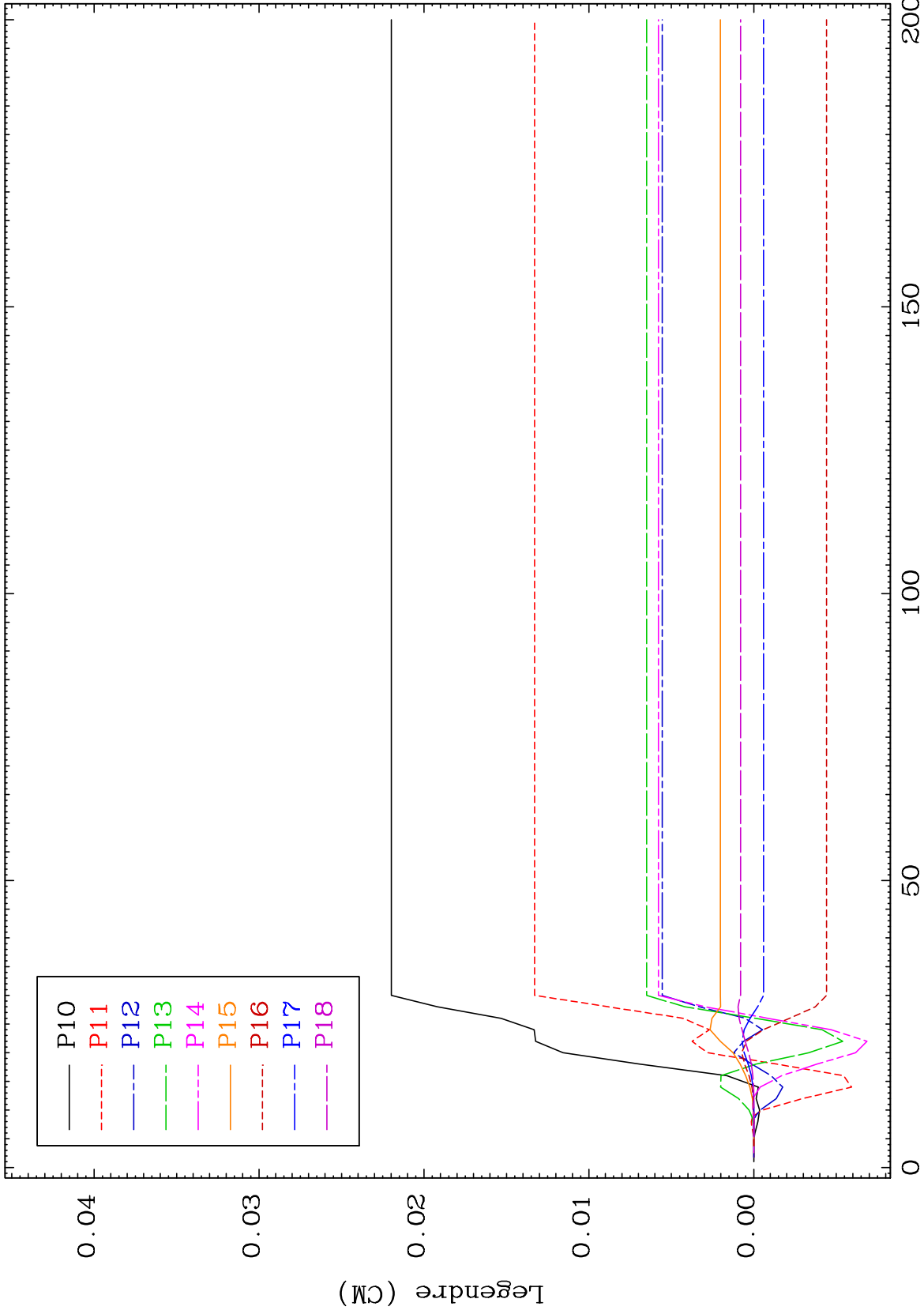


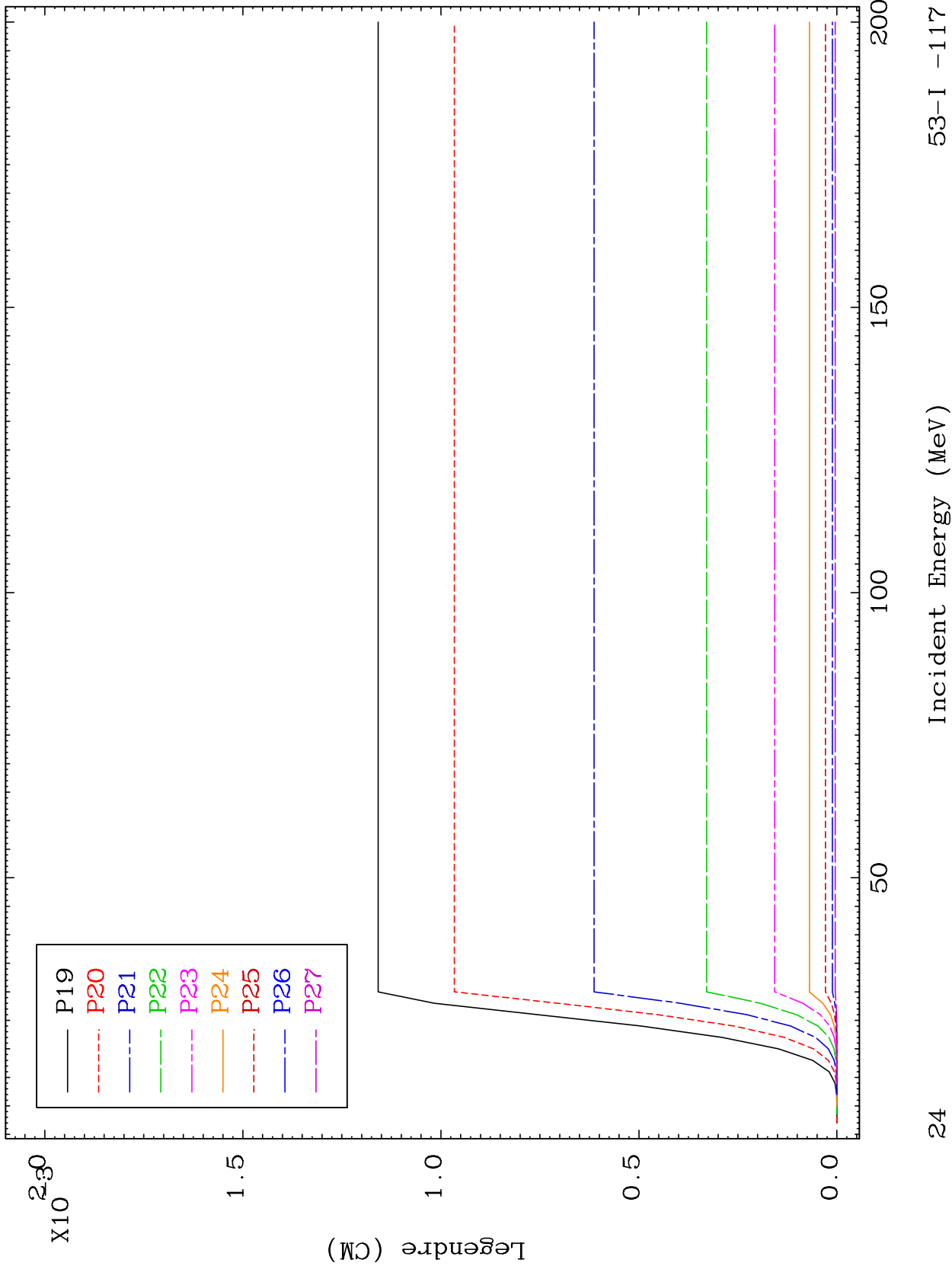
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Incident Energy (MeV)

53-I -117



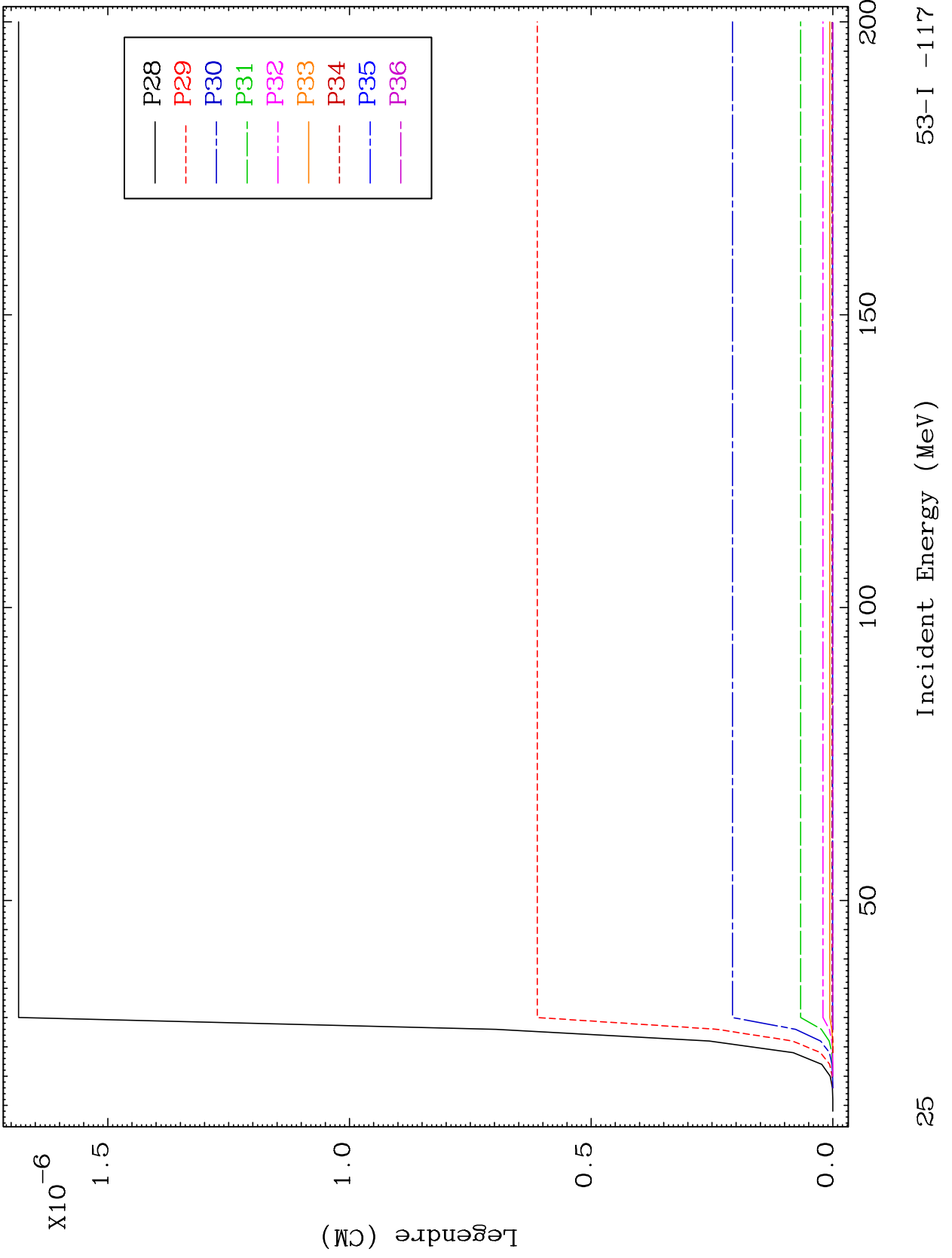




MAT 5295

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

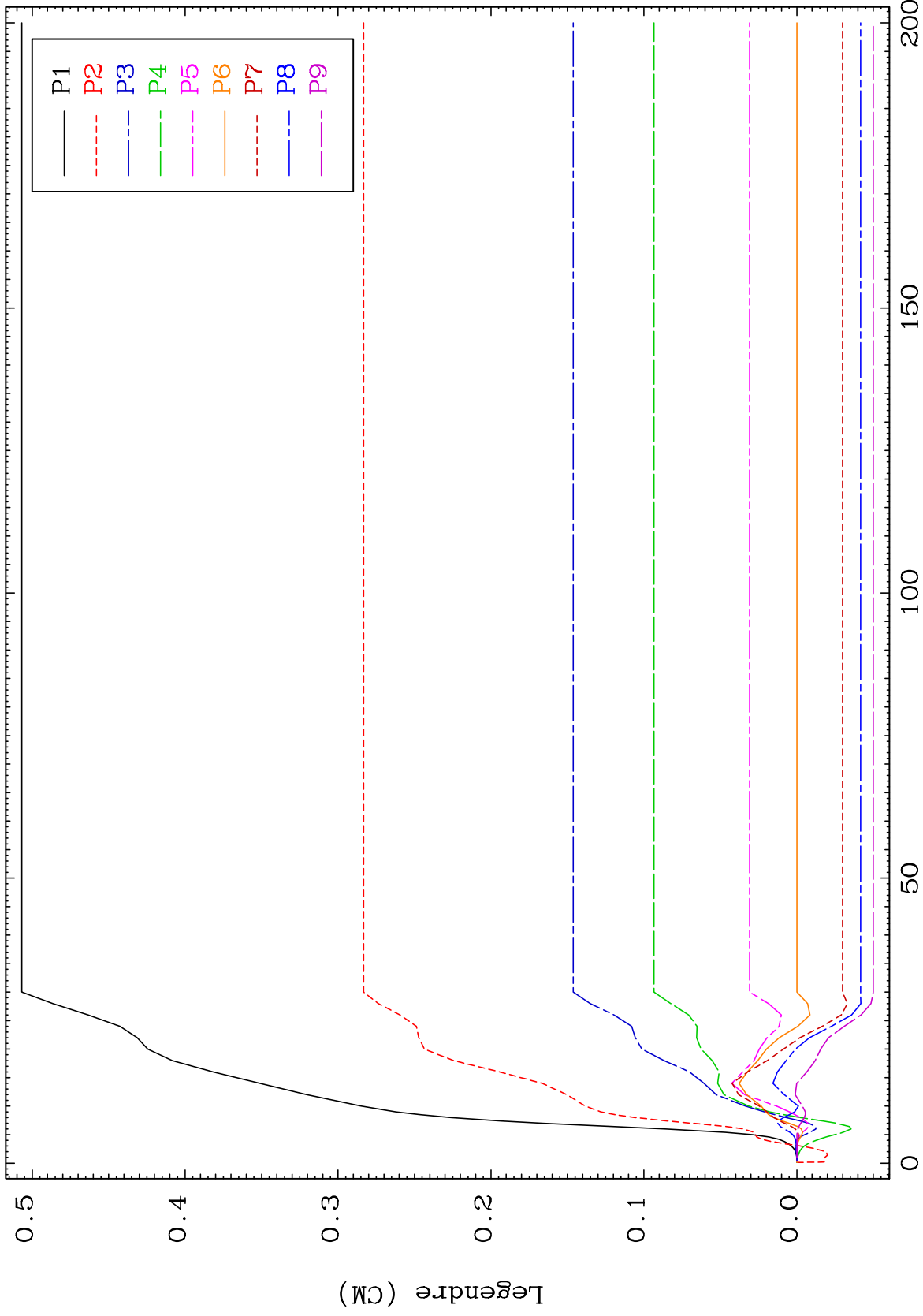
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25

Incident Energy (MeV)

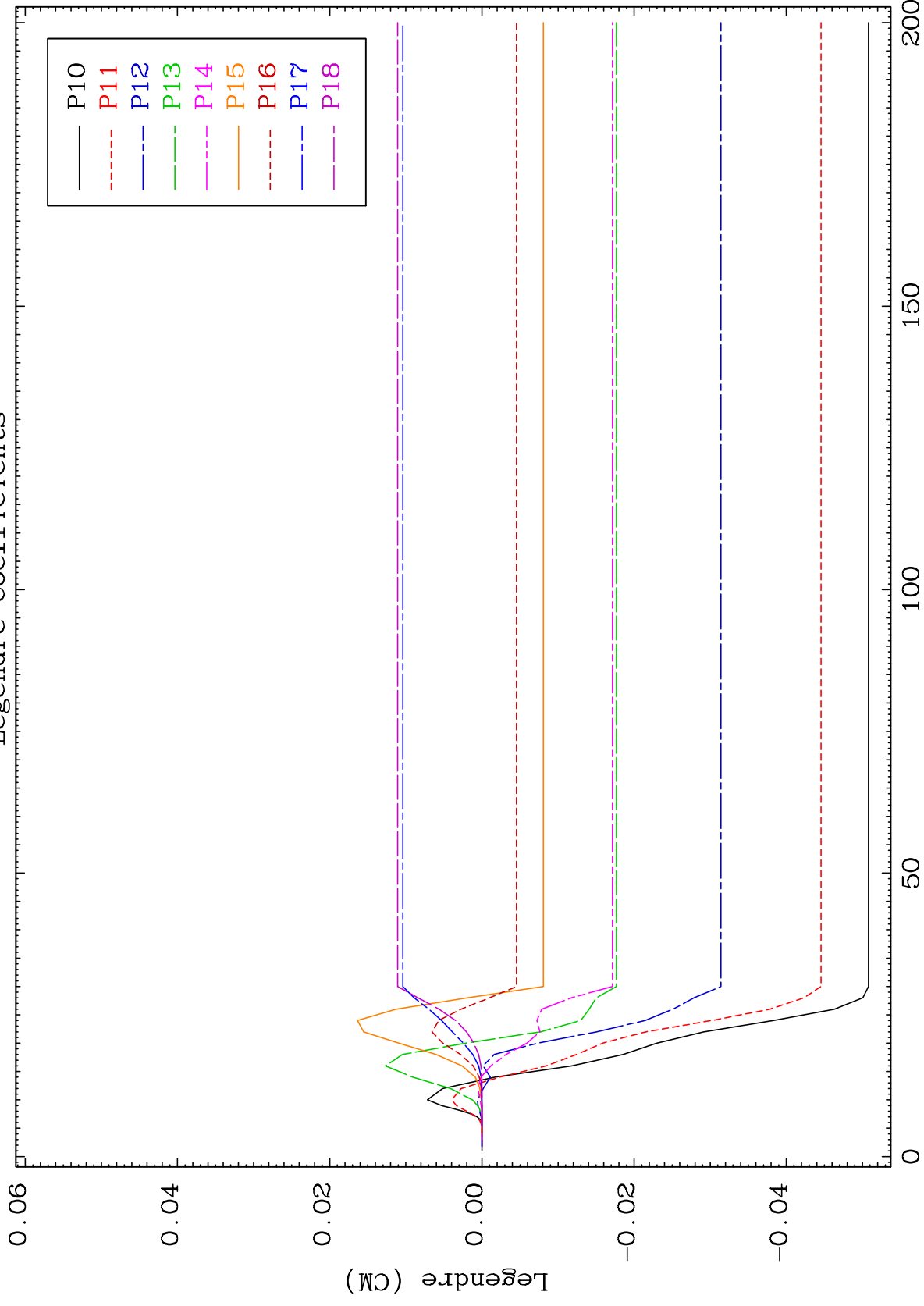
53-I -117



MAT 5295

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

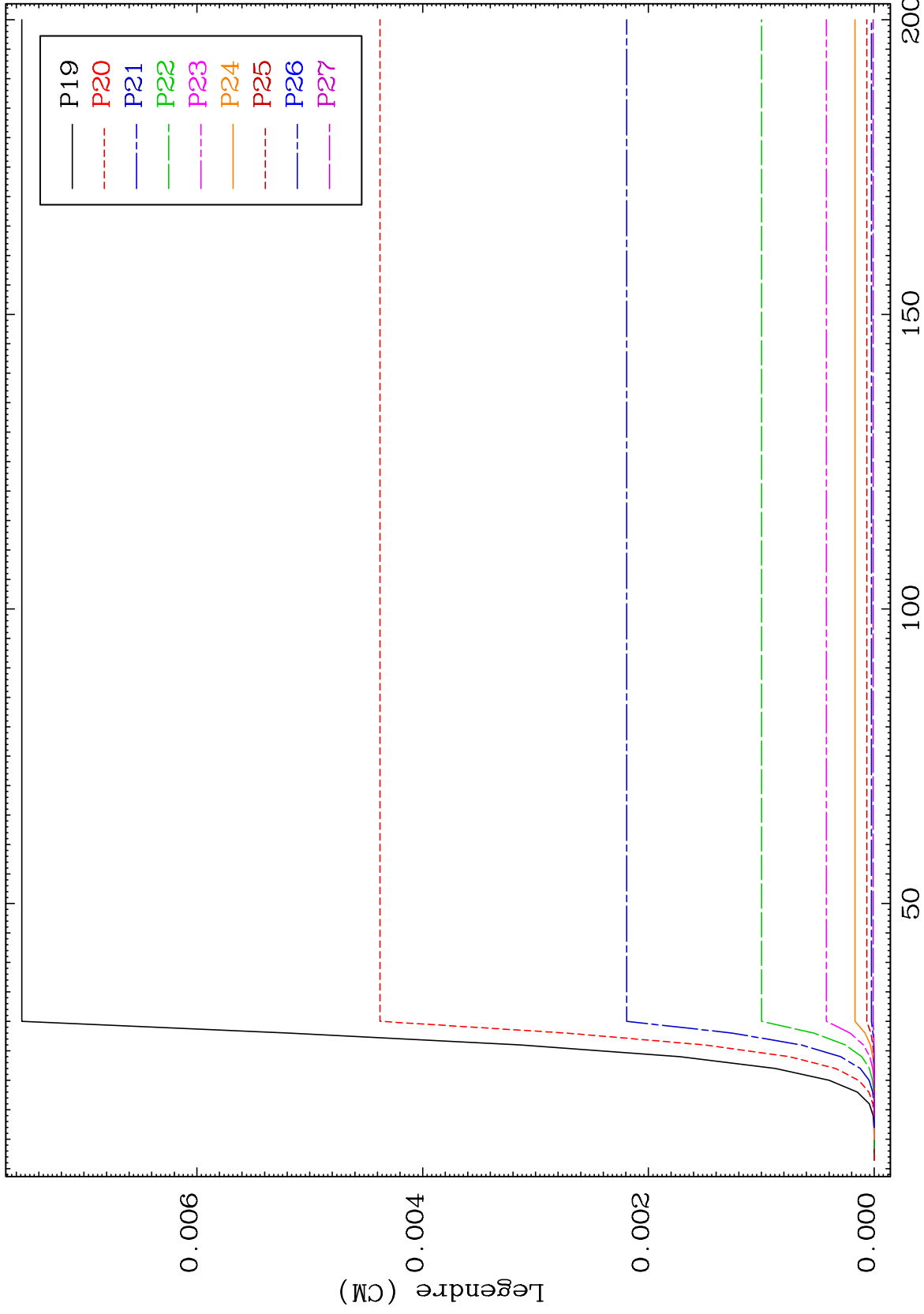
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Incident Energy (MeV)

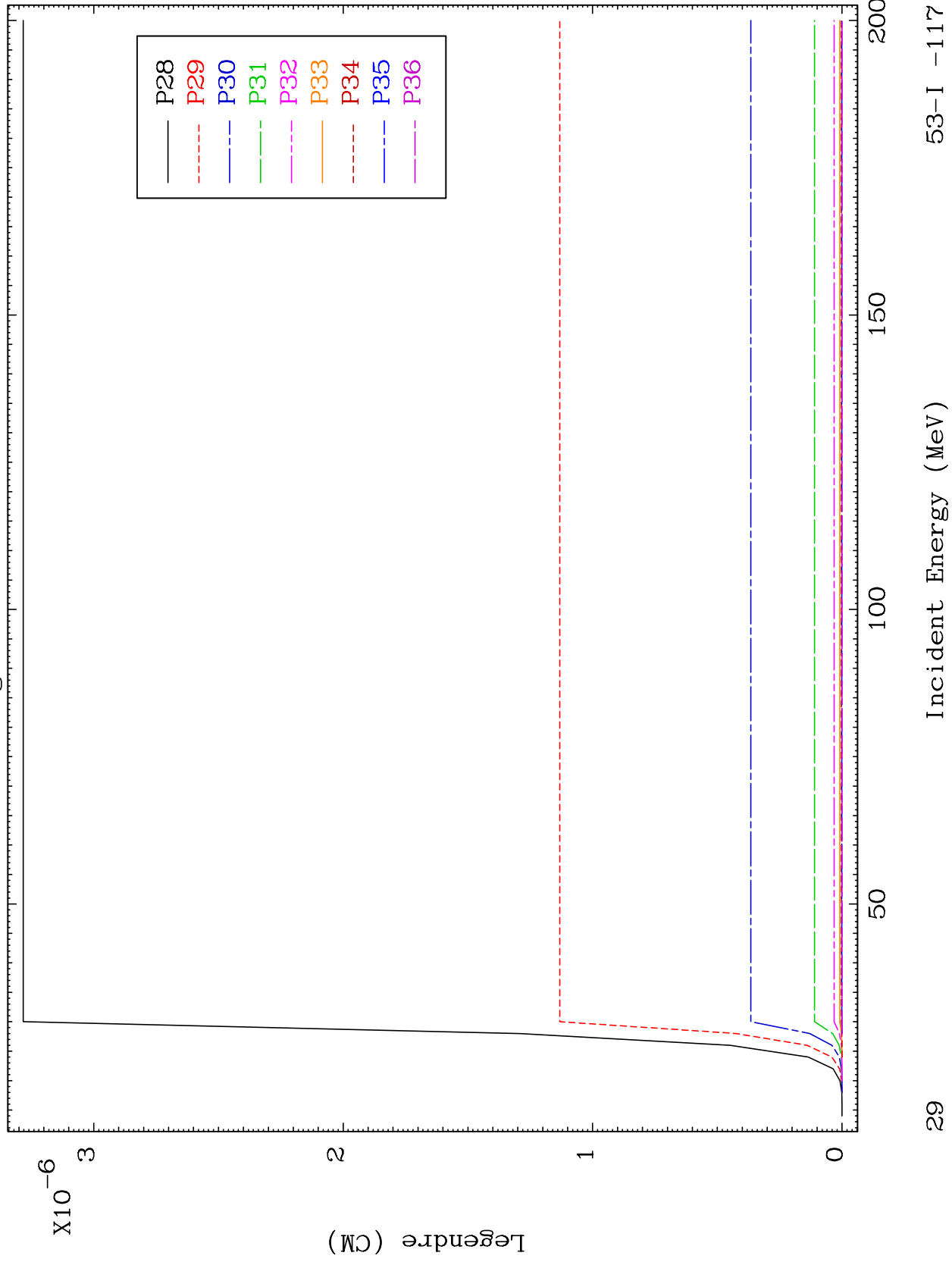
53-I -117



MAT 5295

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

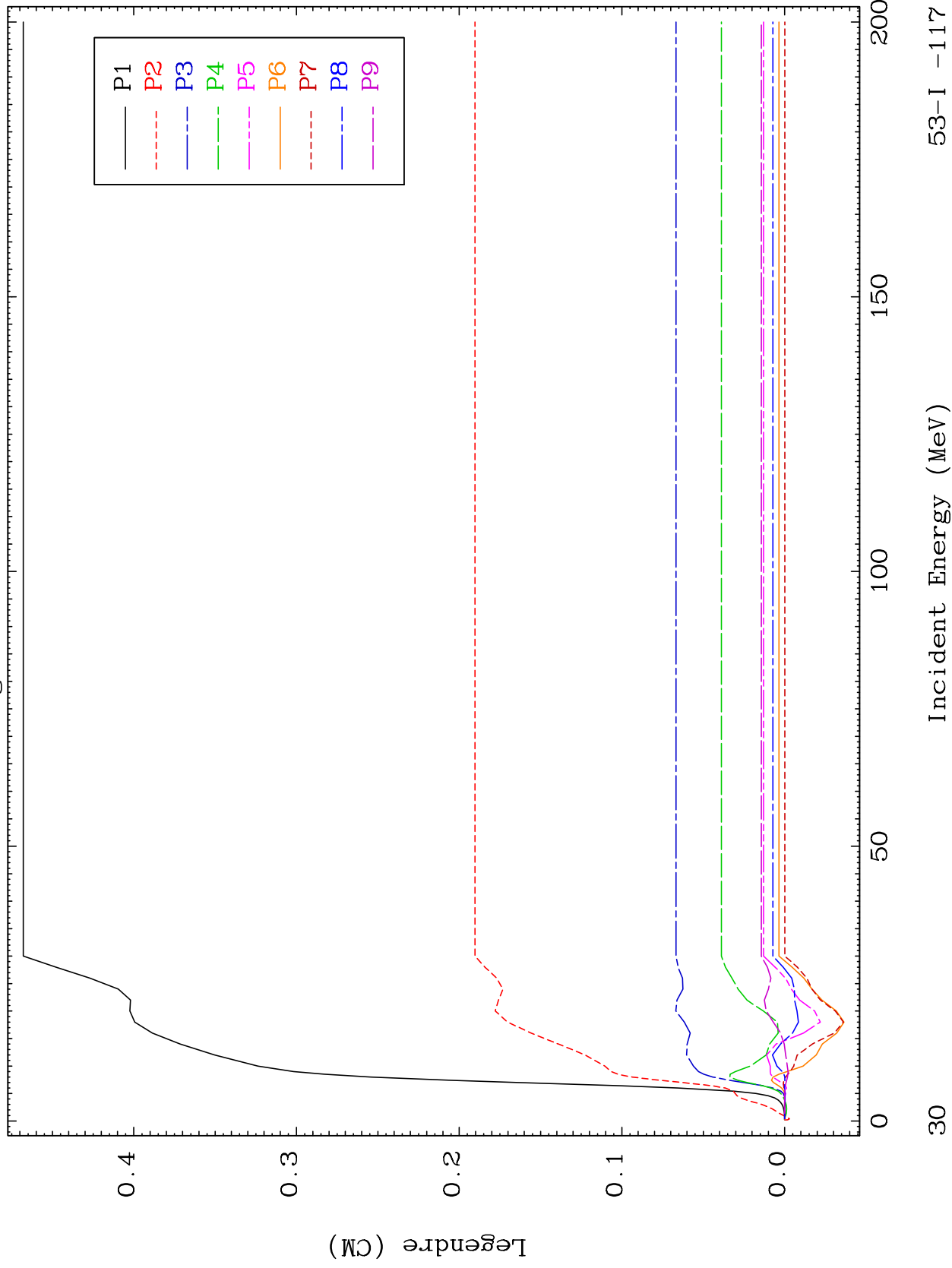
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MAT 5295

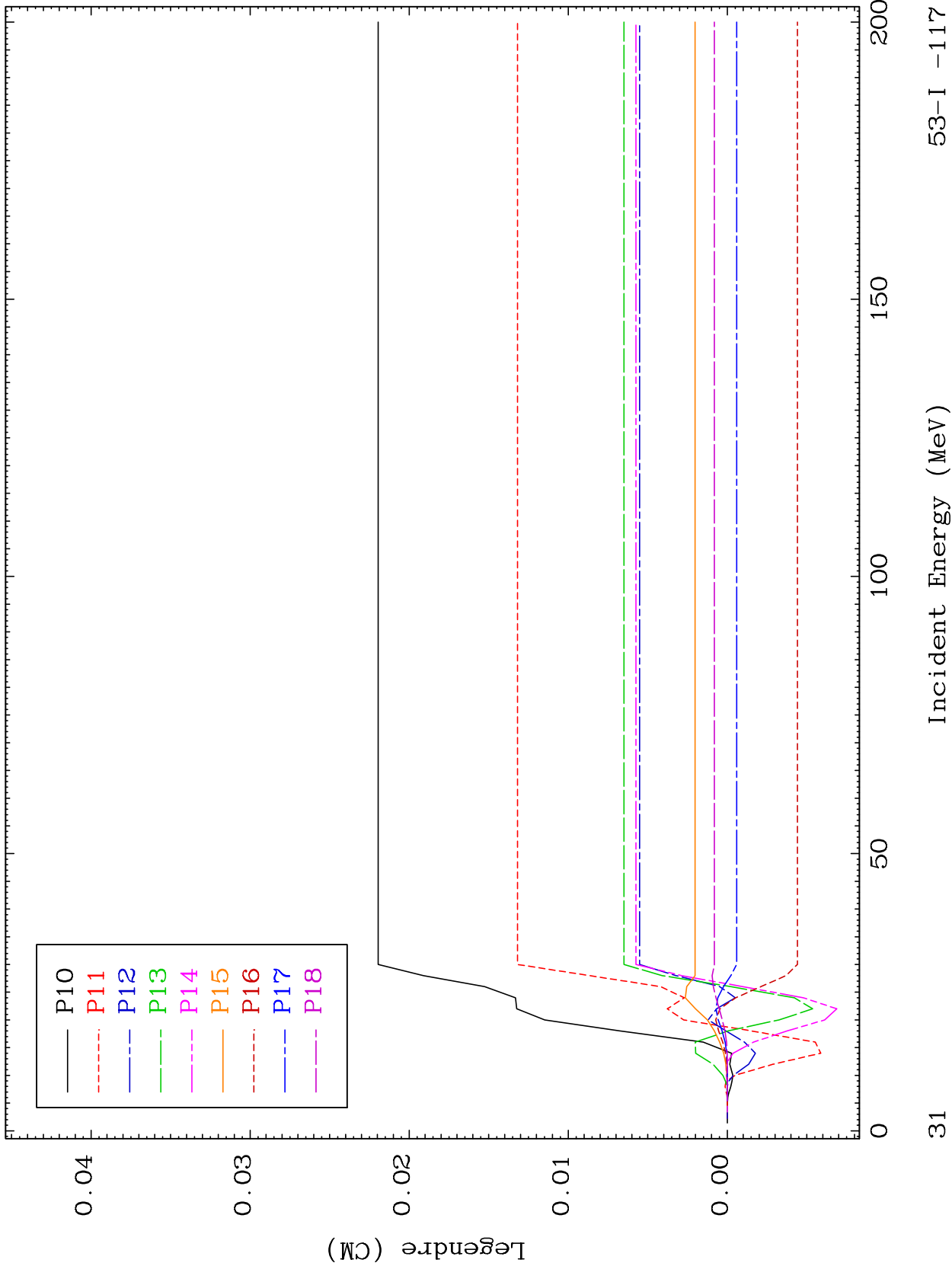
MT= 53 (n,n') Level
Legendre Coefficients

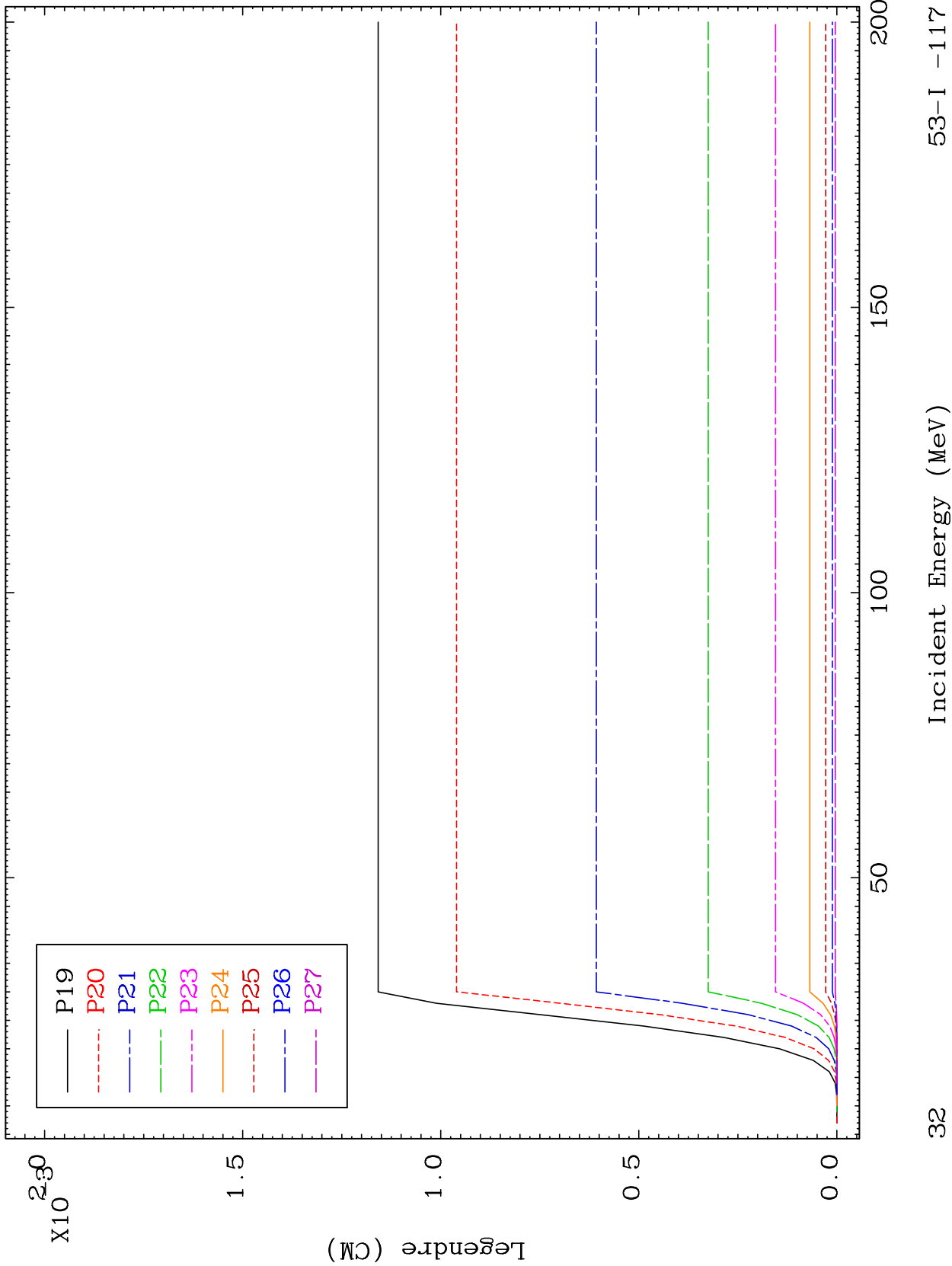
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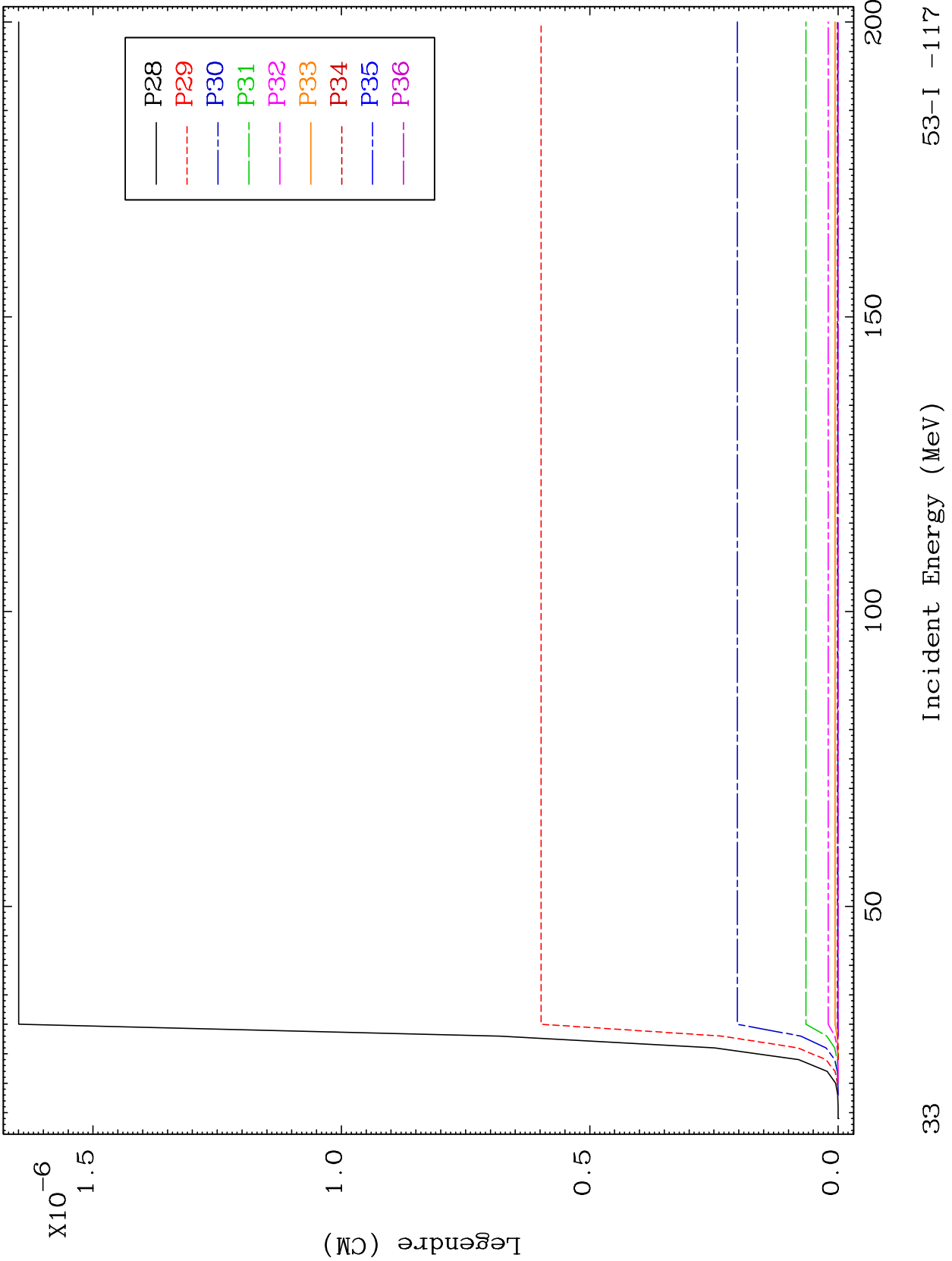


53-I -117

Incident Energy (MeV)



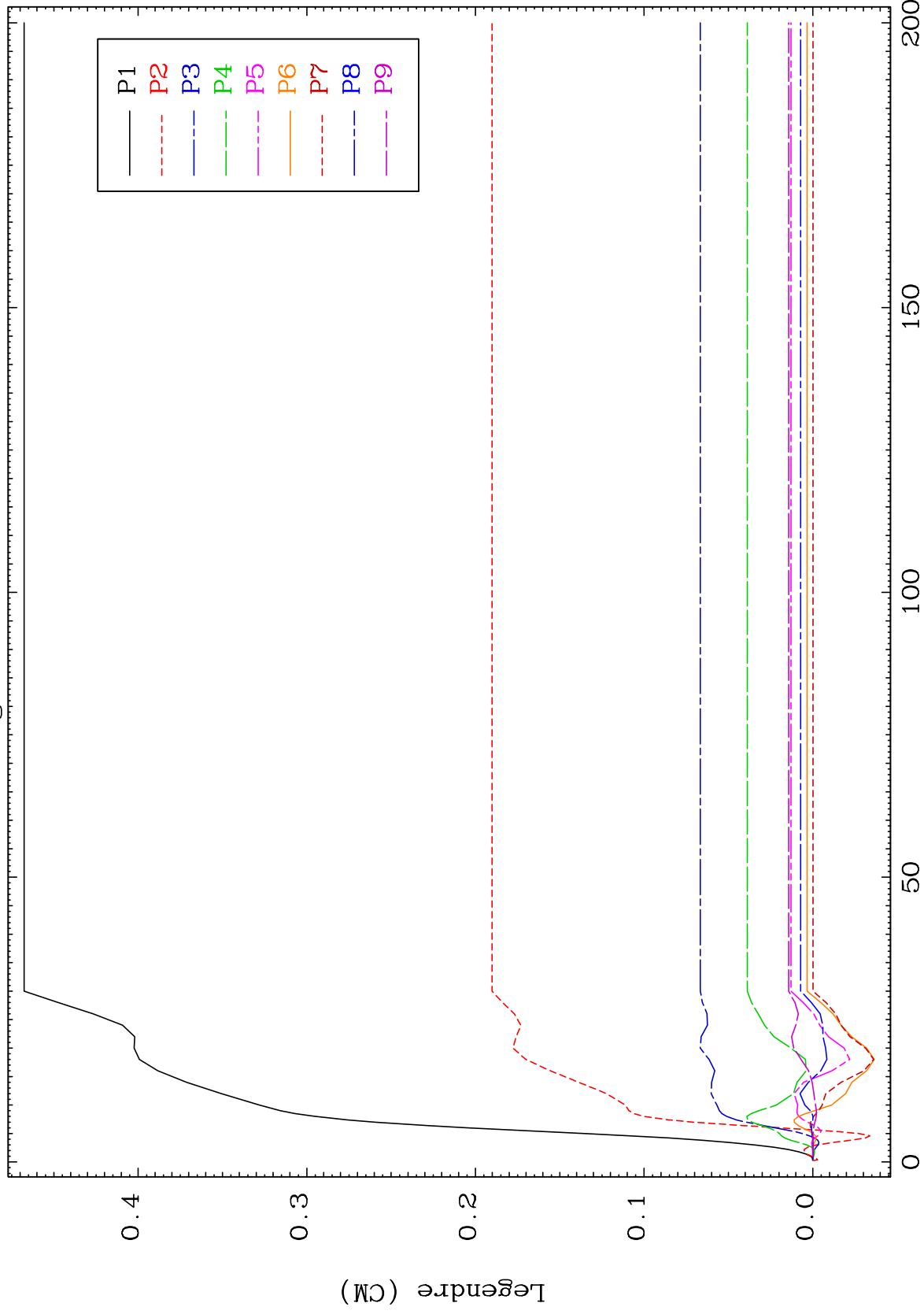




MAT 5295

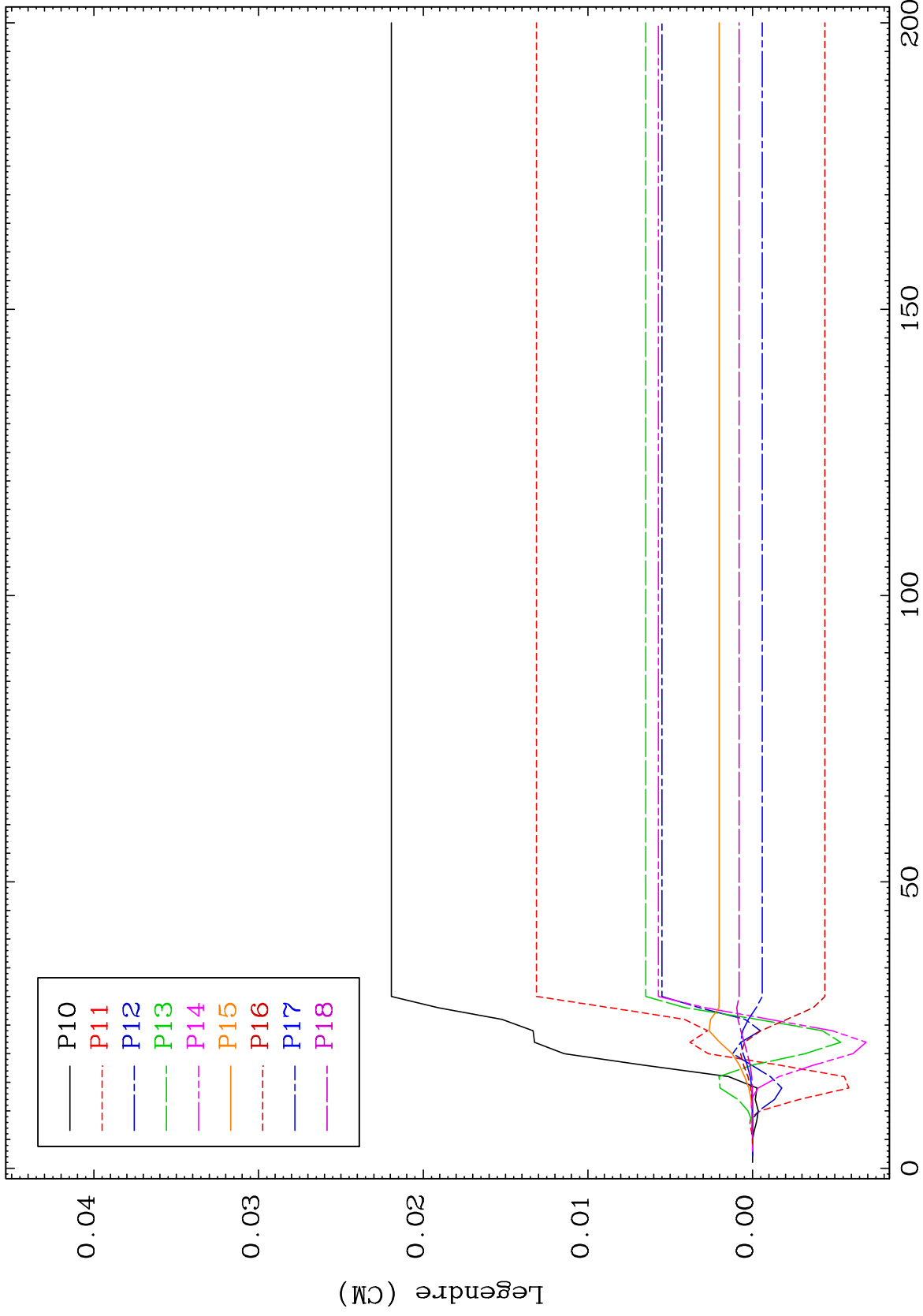
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Legendre Coefficients

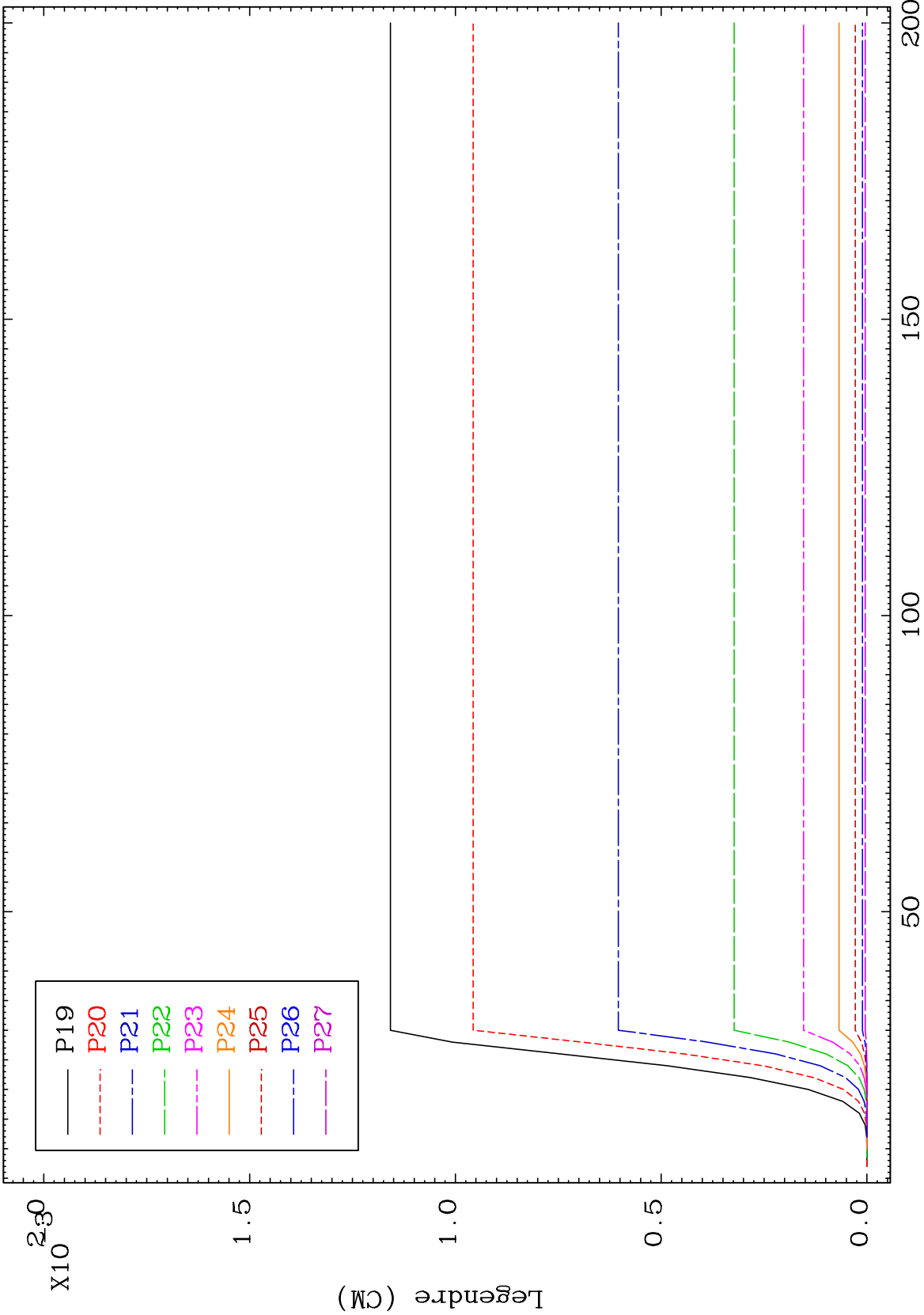
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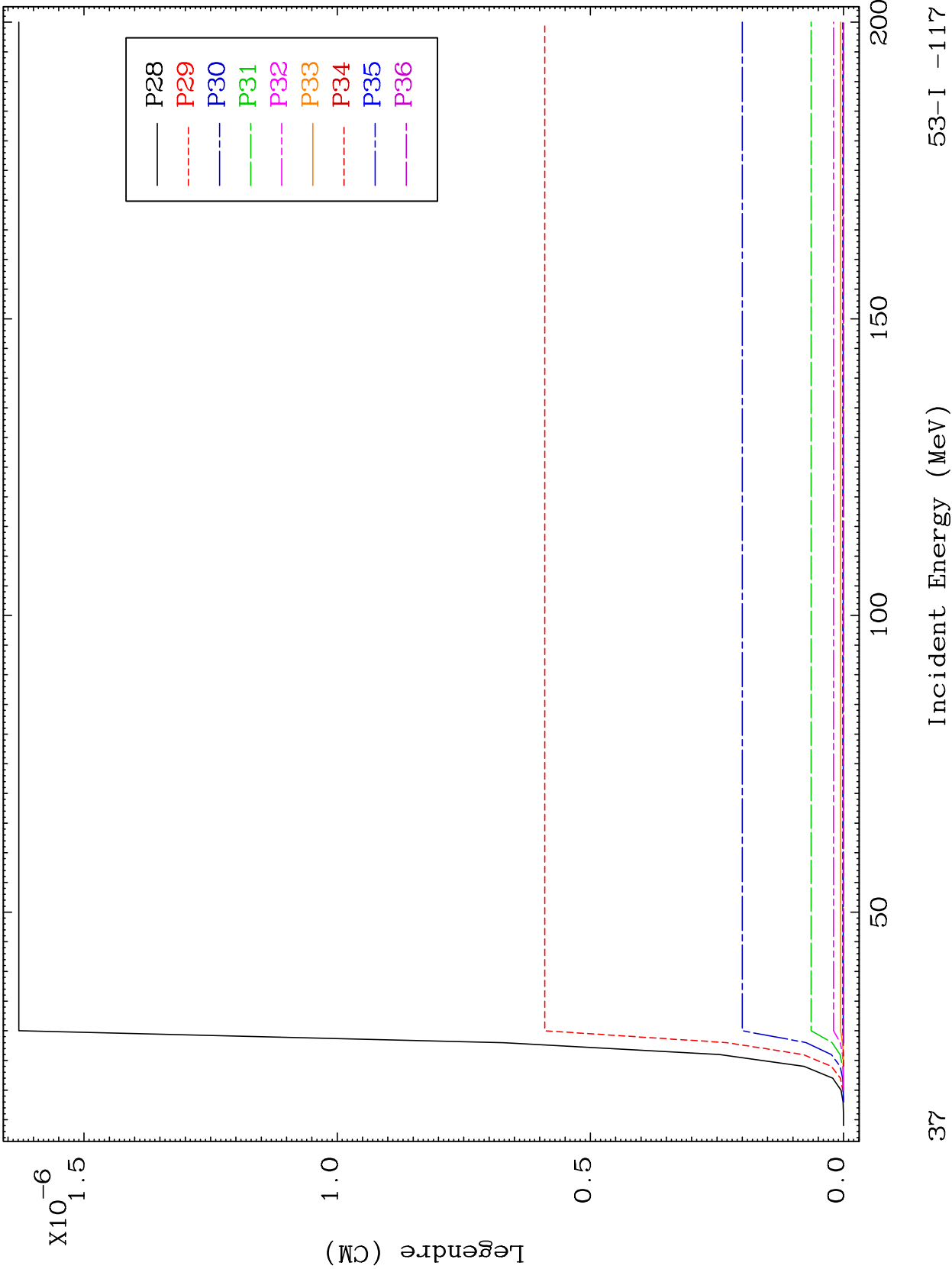


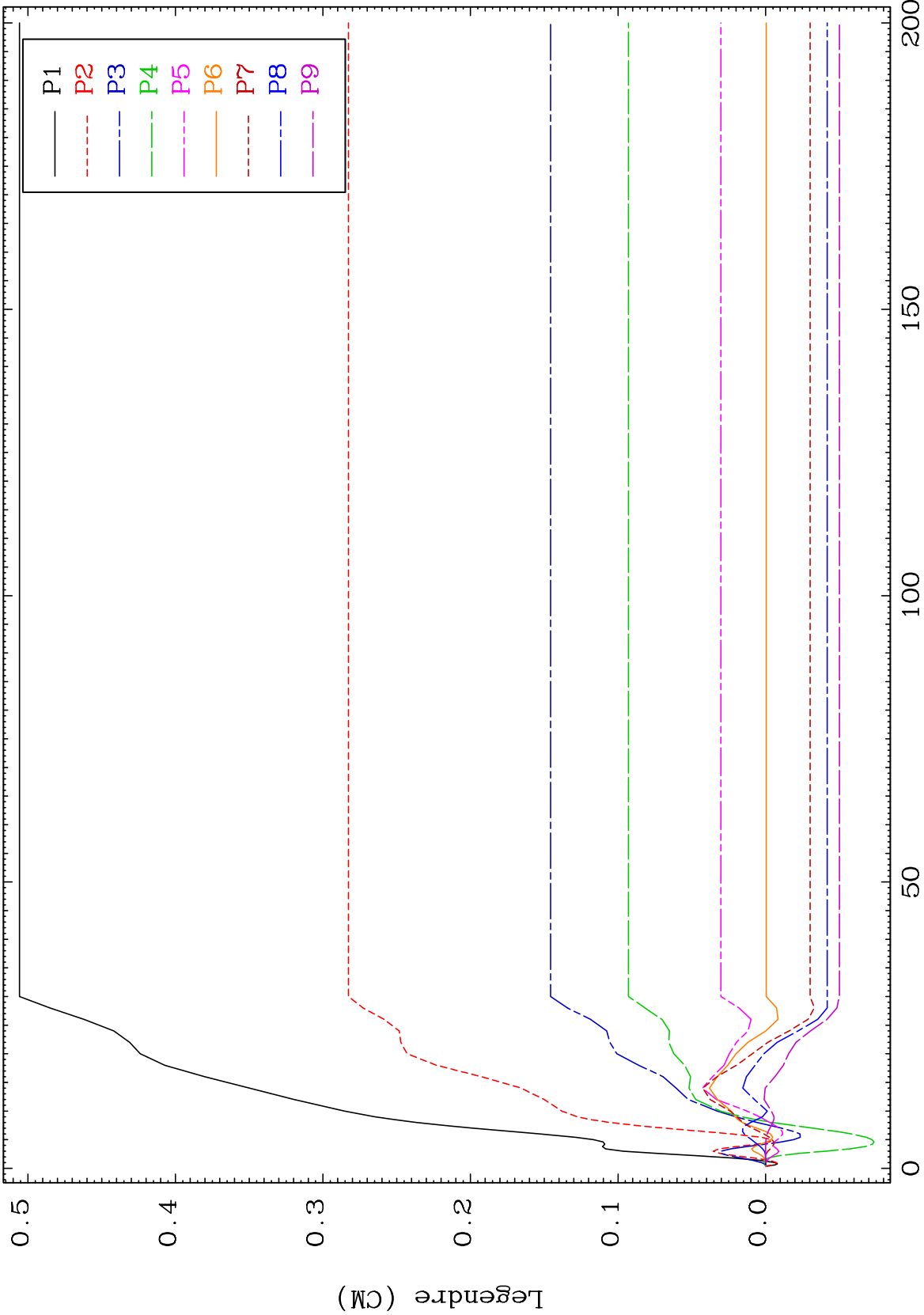
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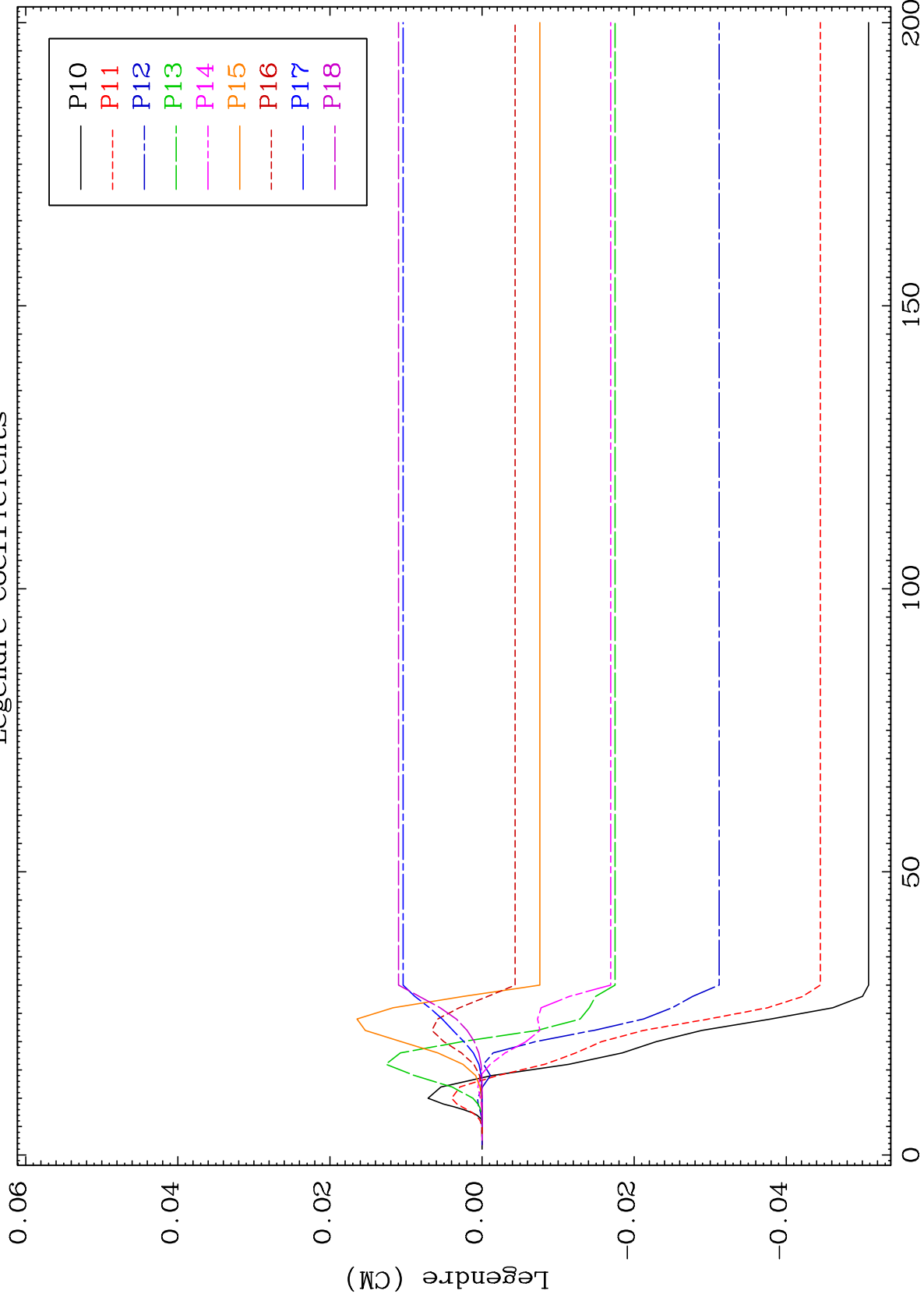




MAT 5295

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

53-I -117



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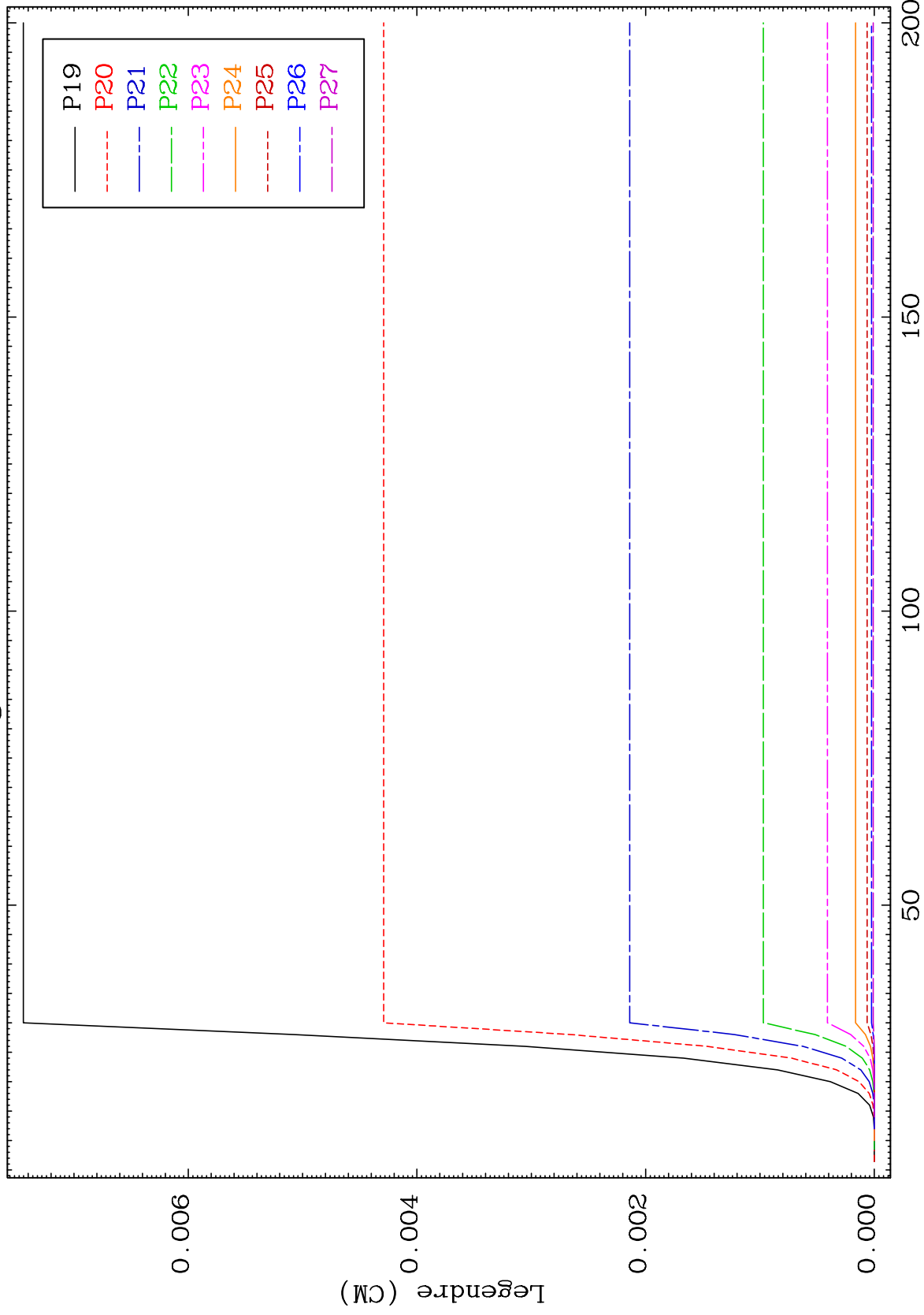
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



40

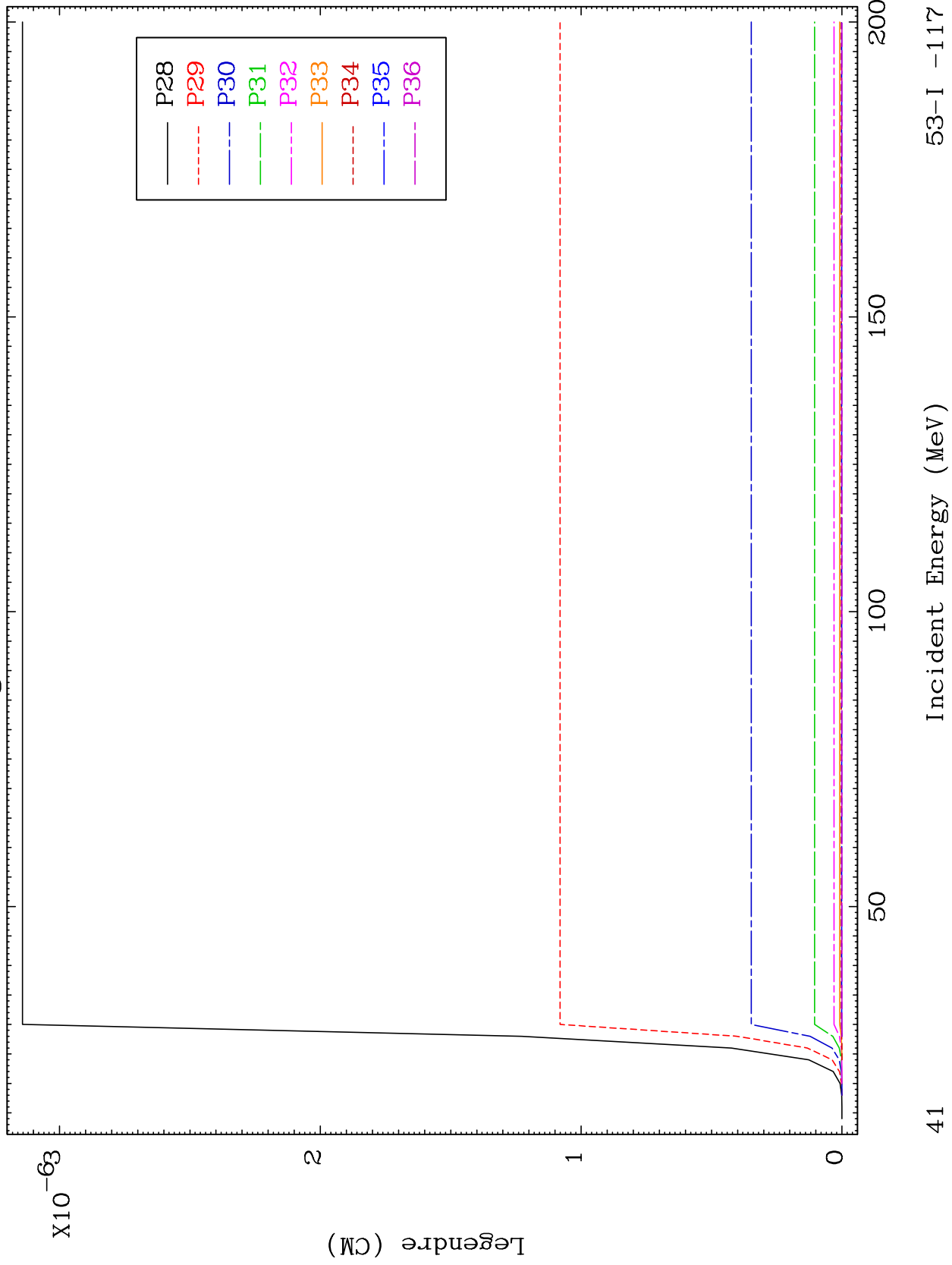
Incident Energy (MeV)

53-I -117

MAT 5295

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

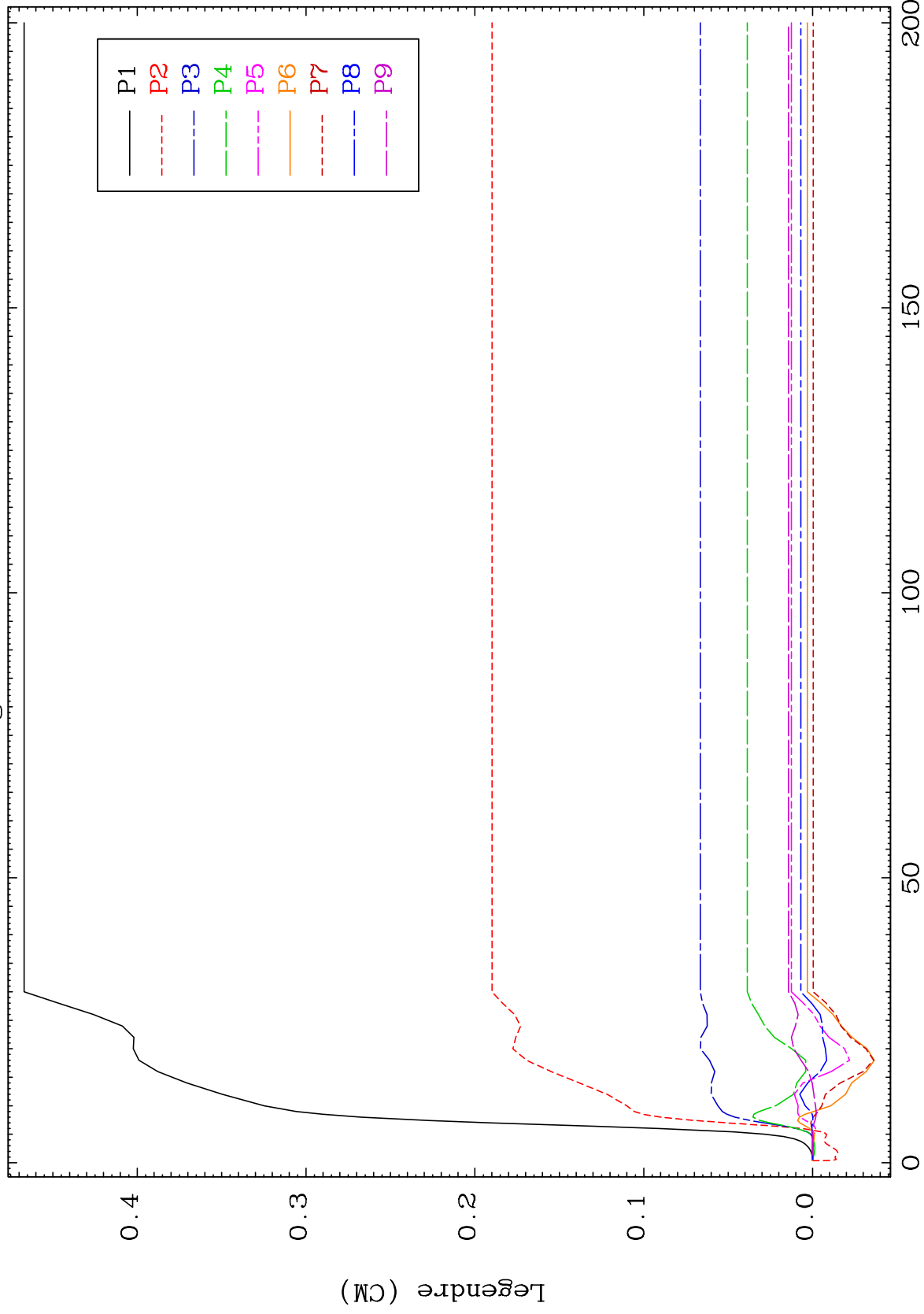
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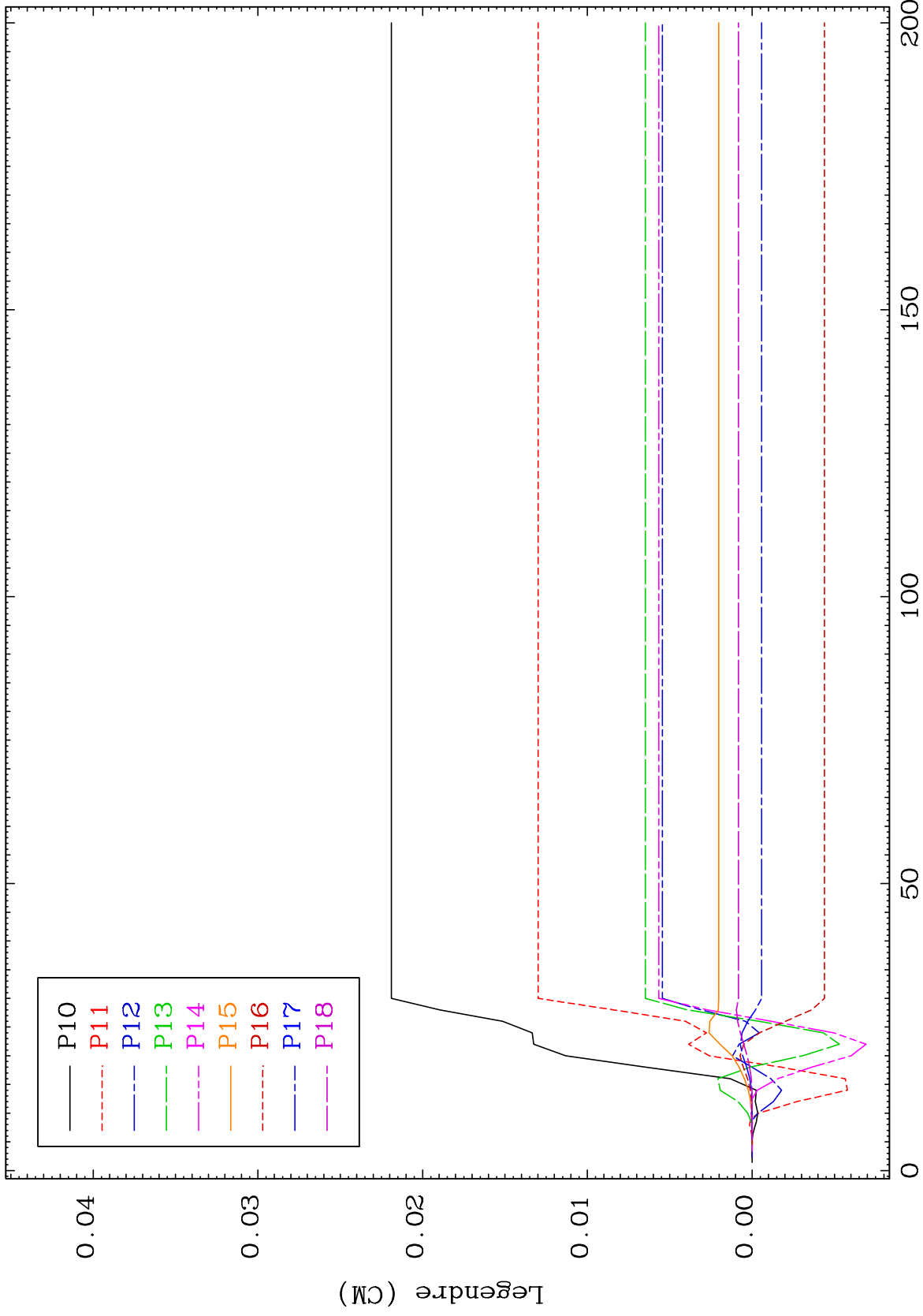


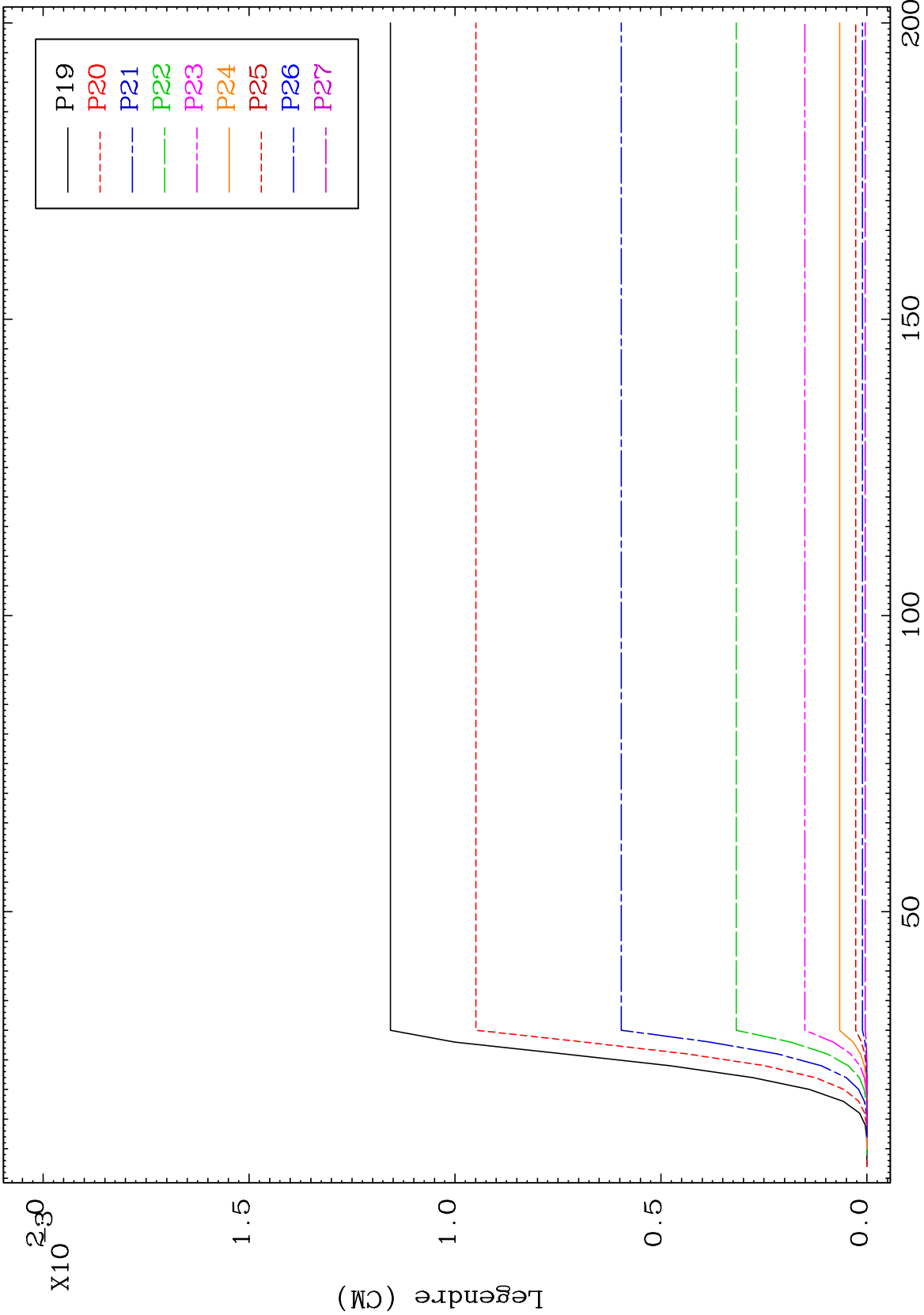
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Incident Energy (MeV)

53-I -117



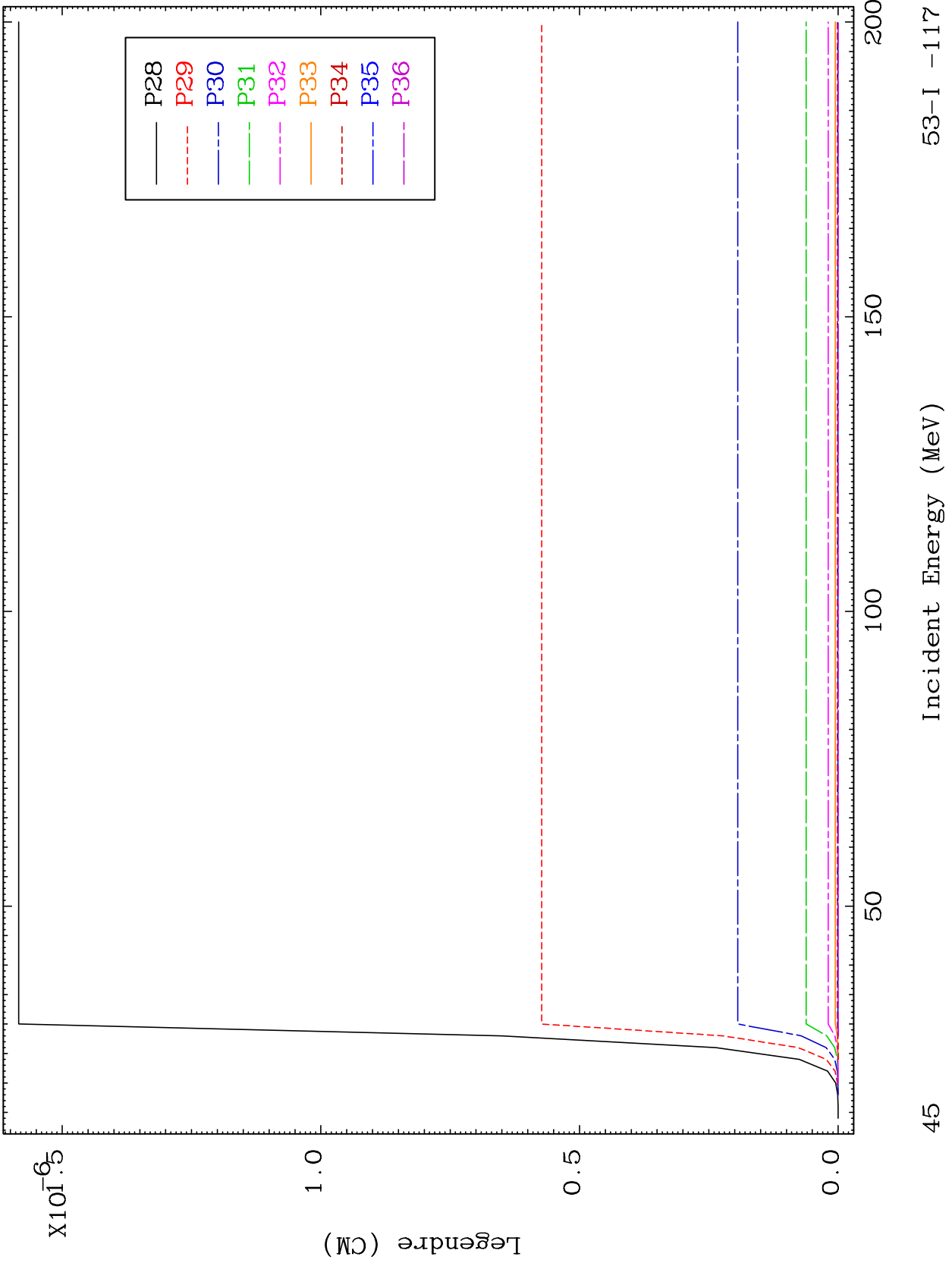




MAT 5295

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

53-I -117



45

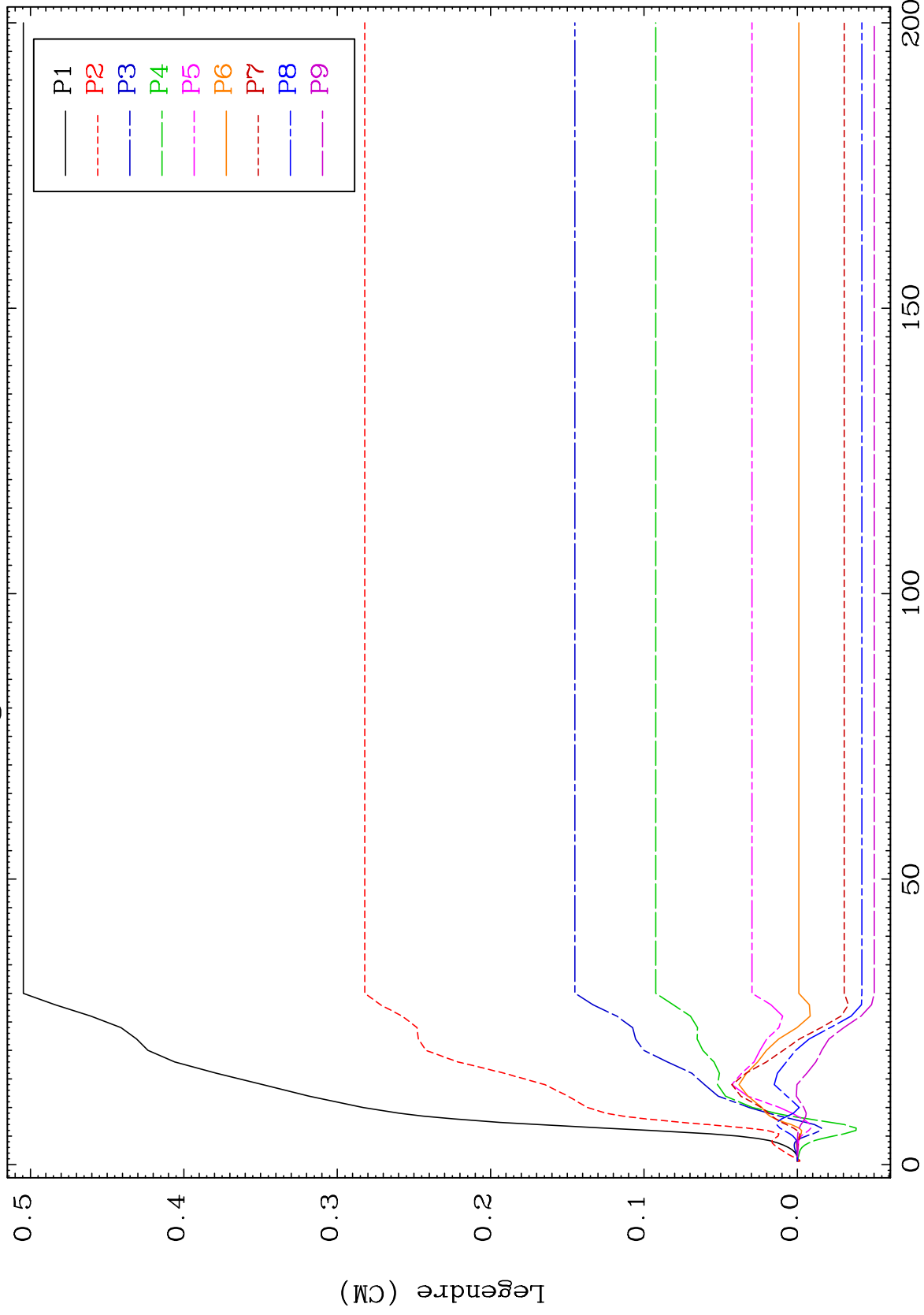
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



53-I -117

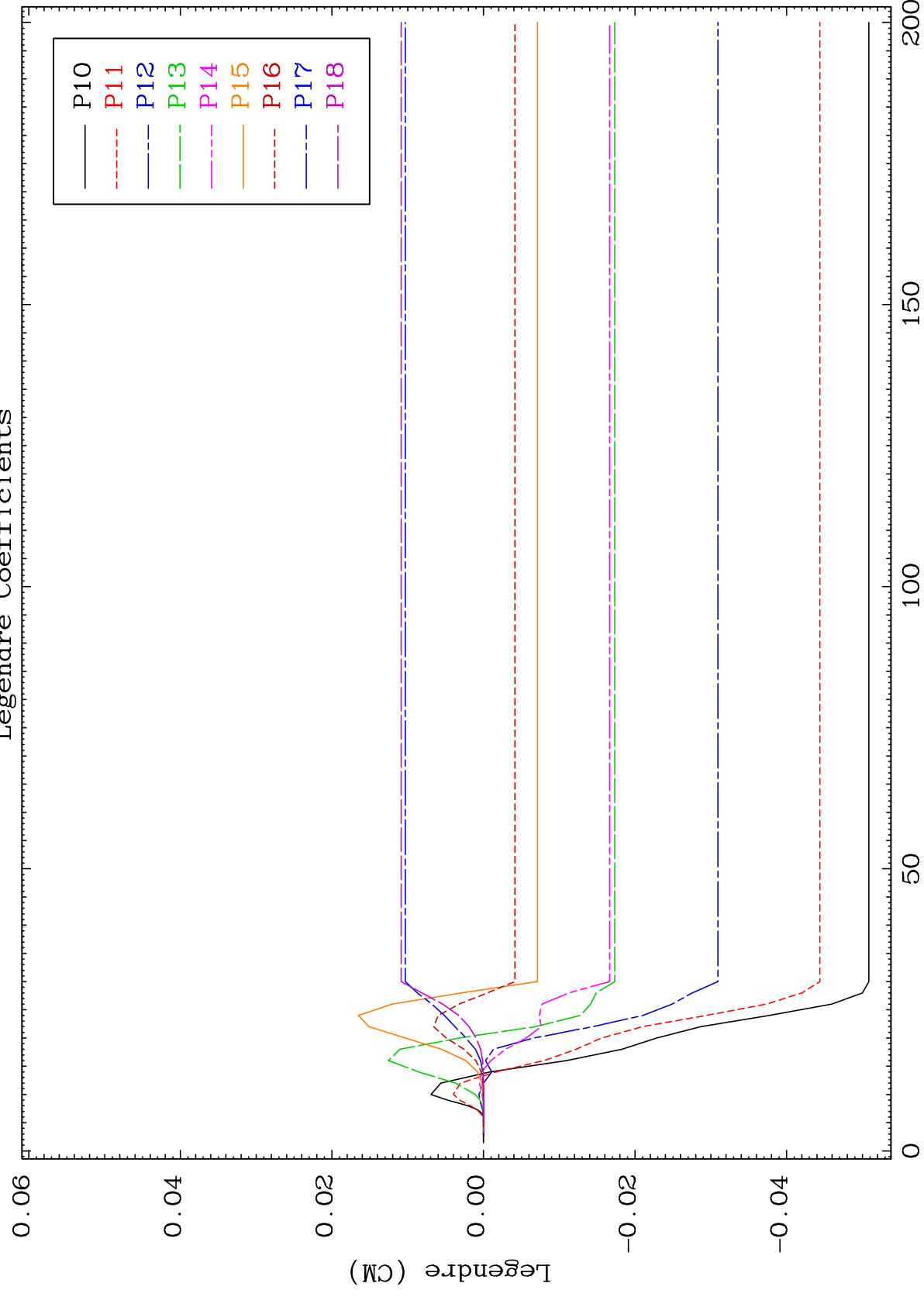
Incident Energy (MeV)

46

MAT 5295

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

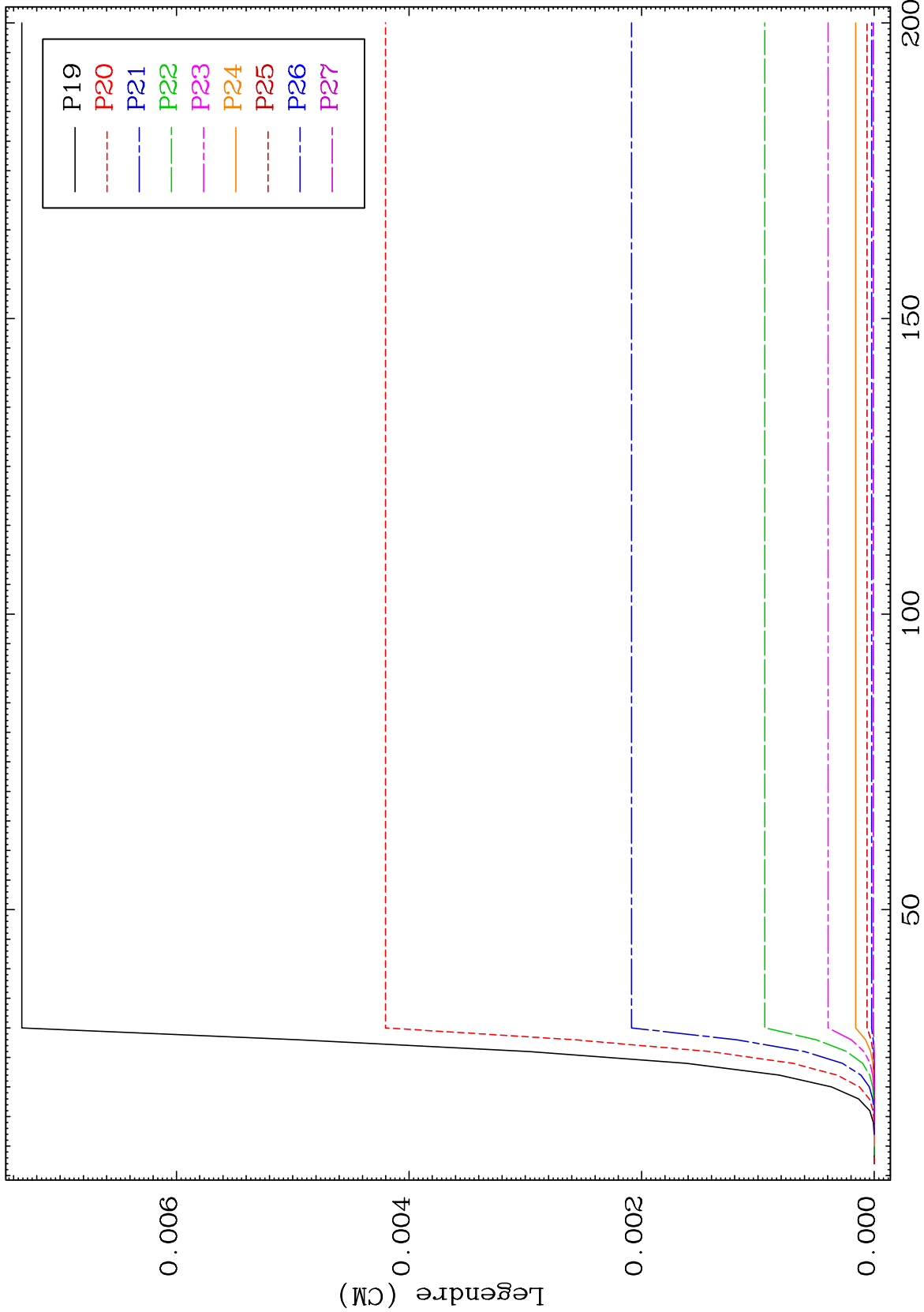
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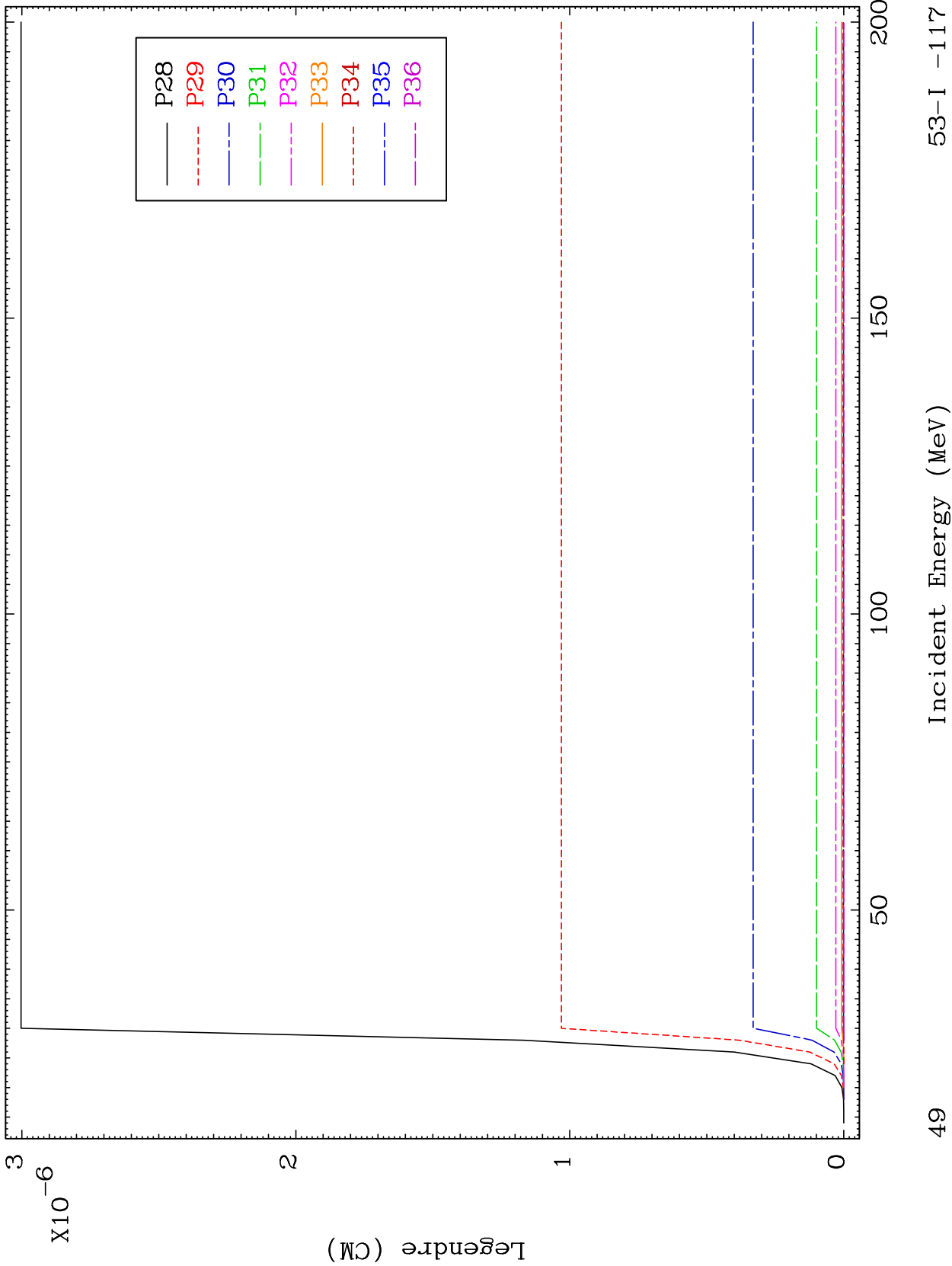


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Incident Energy (MeV)

53-I -117

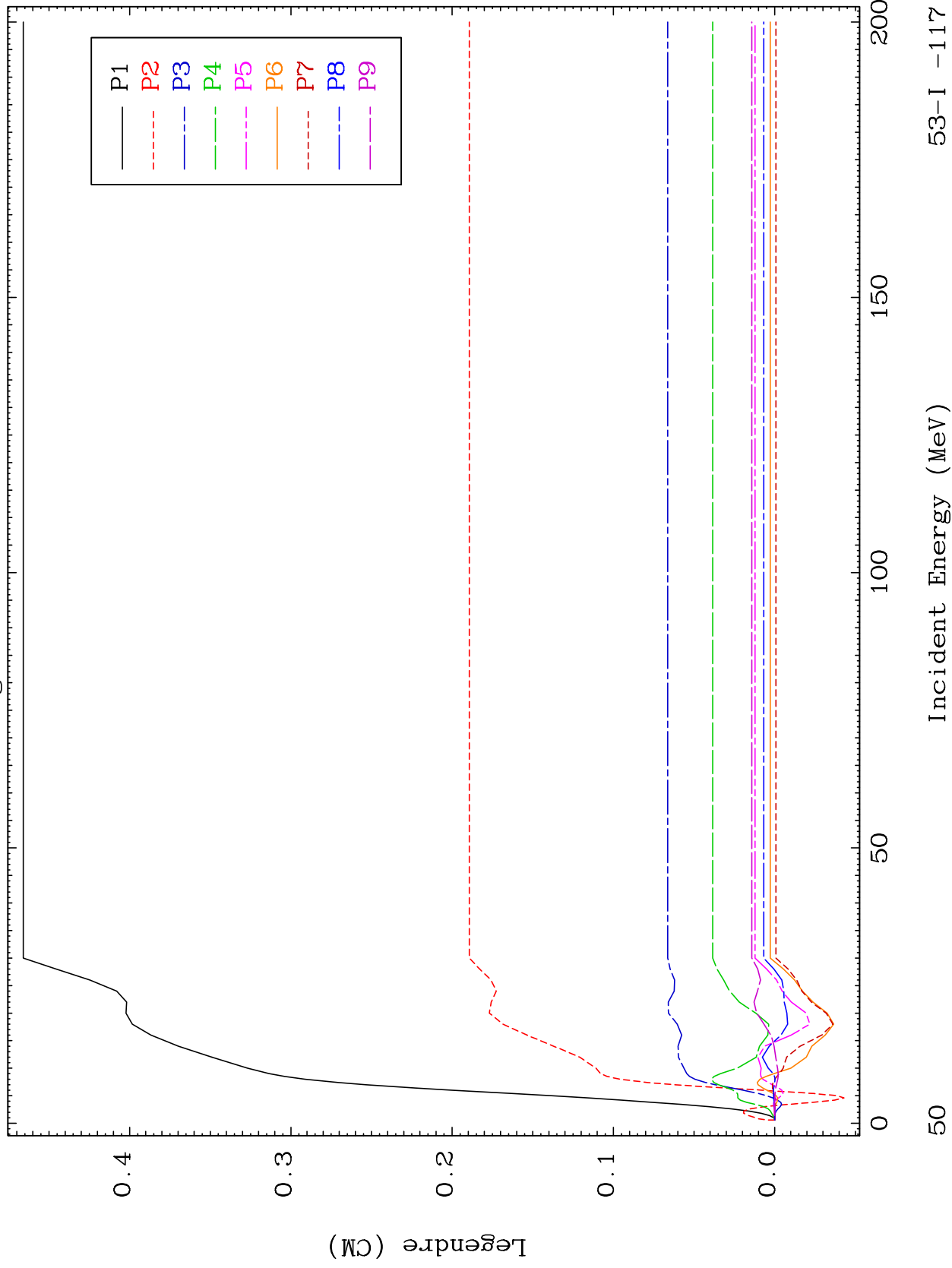




MAT 5295

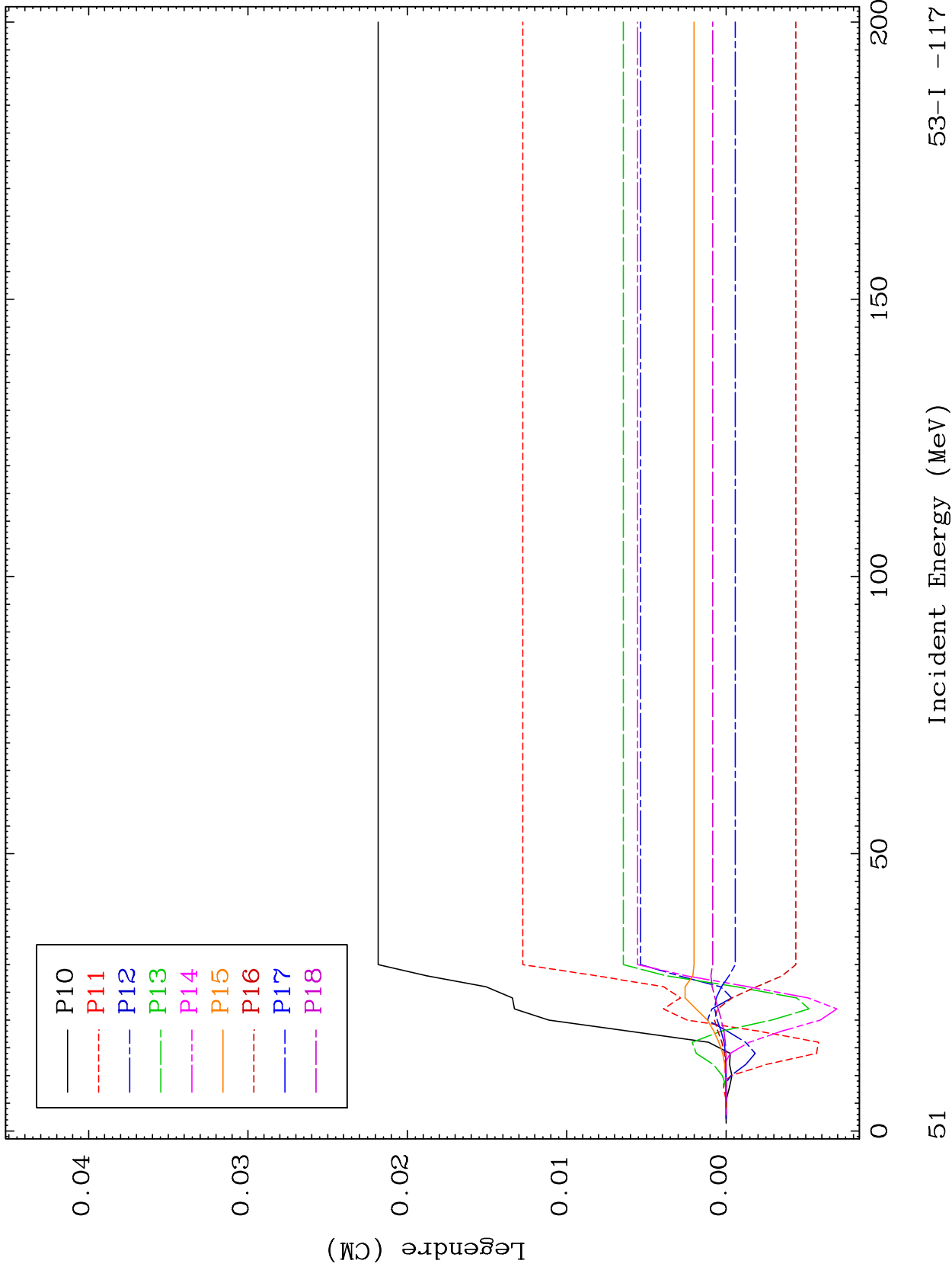
MT= 58 (n,n') Level
Legendre Coefficients

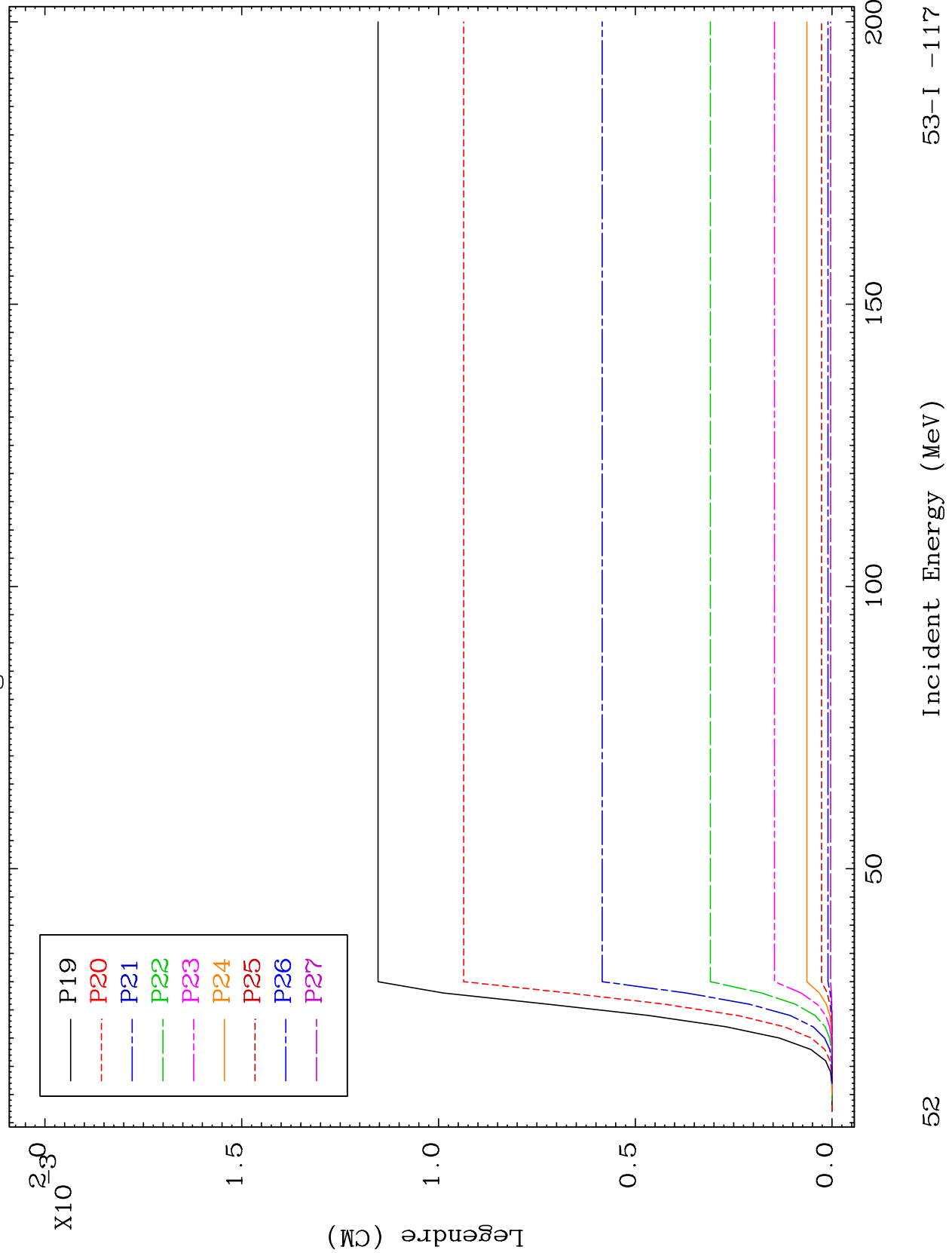
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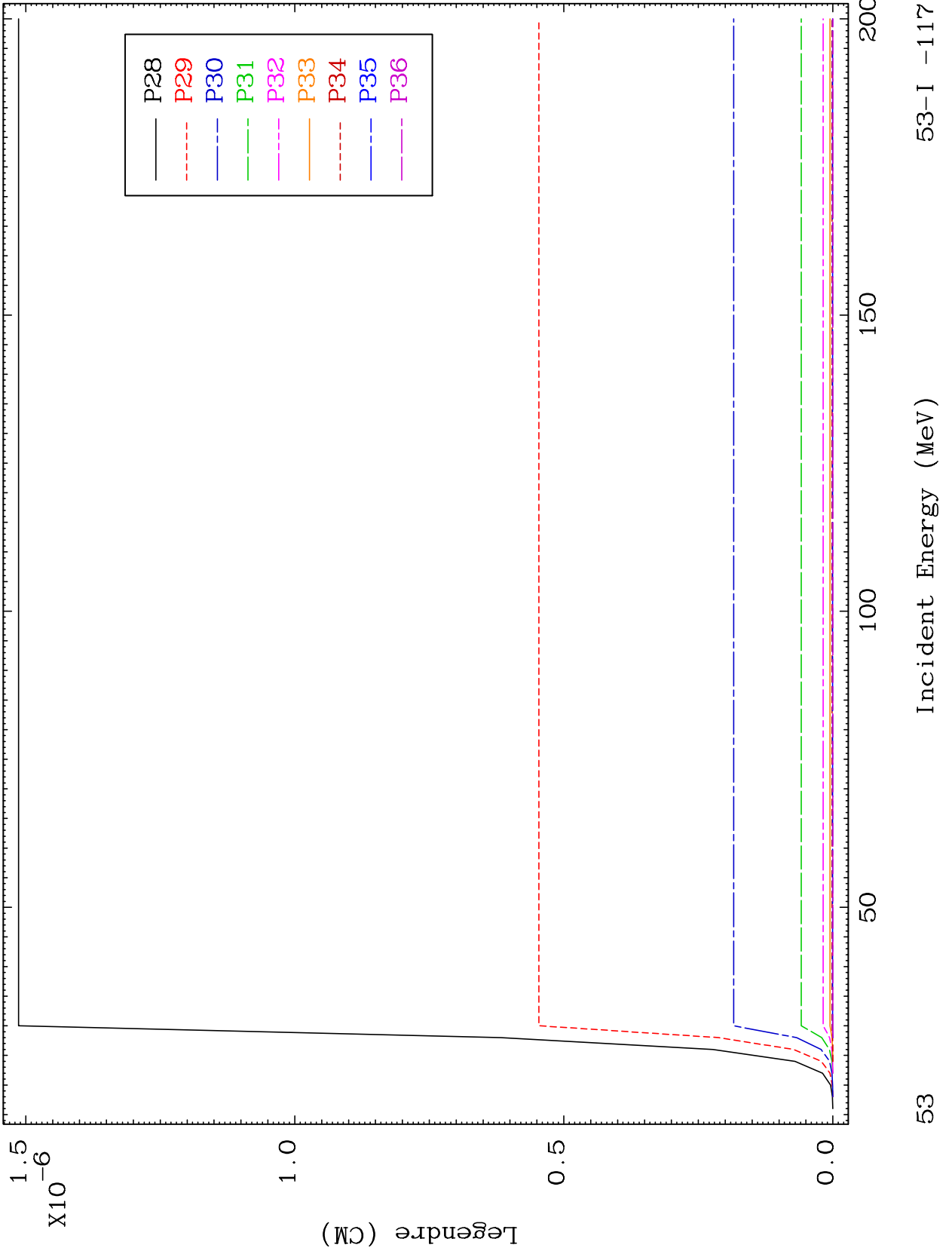


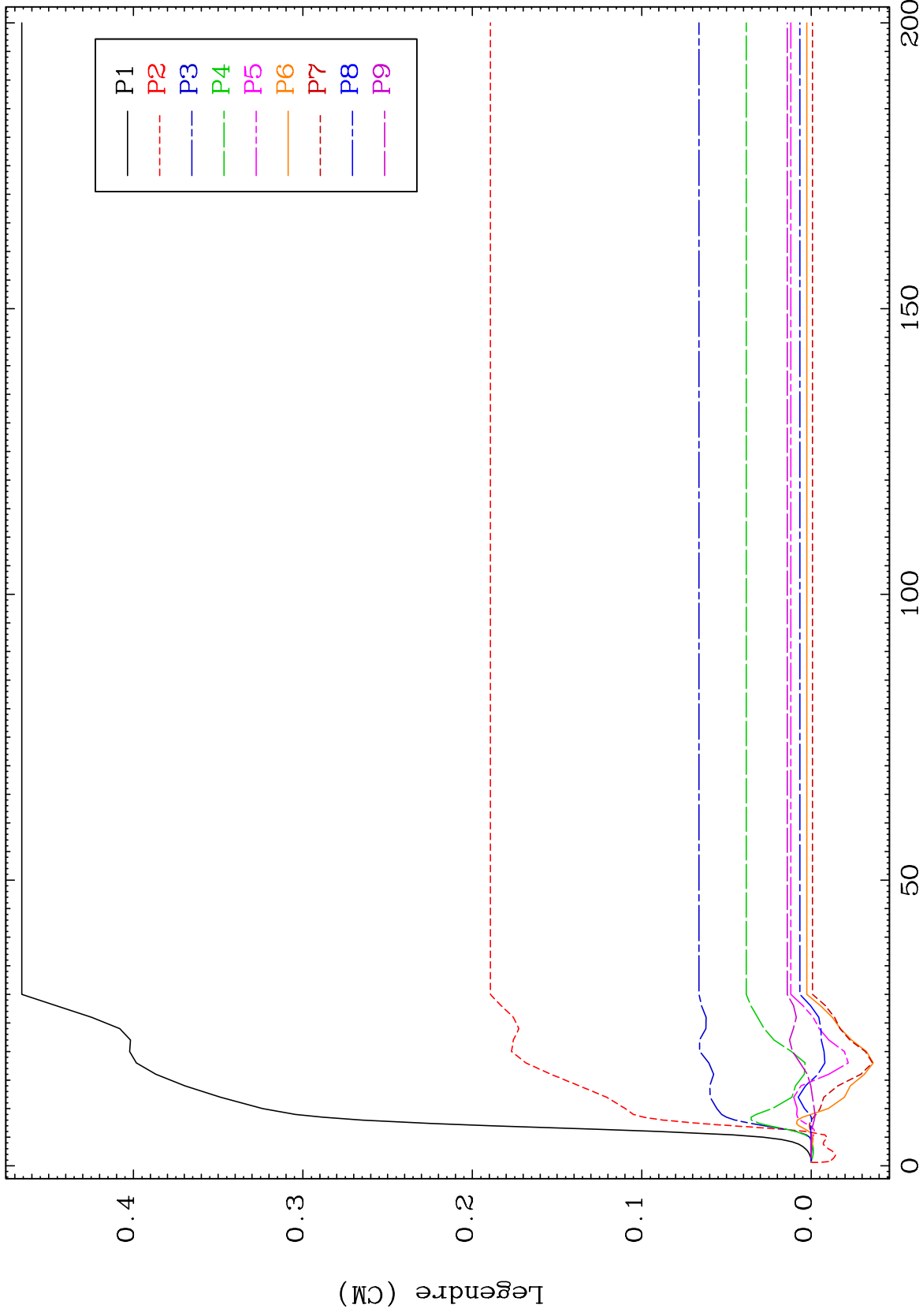
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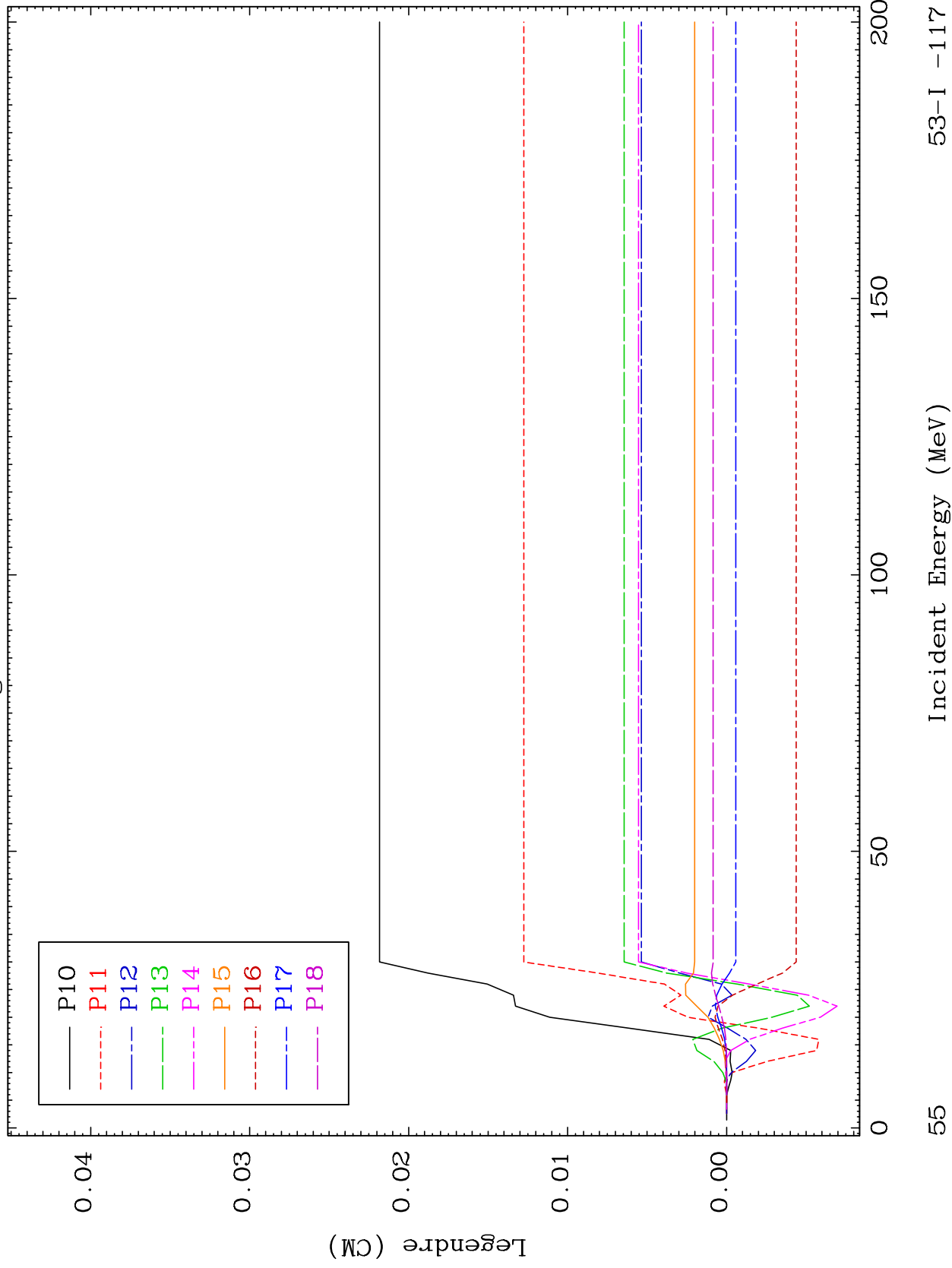
Incident Energy (MeV)

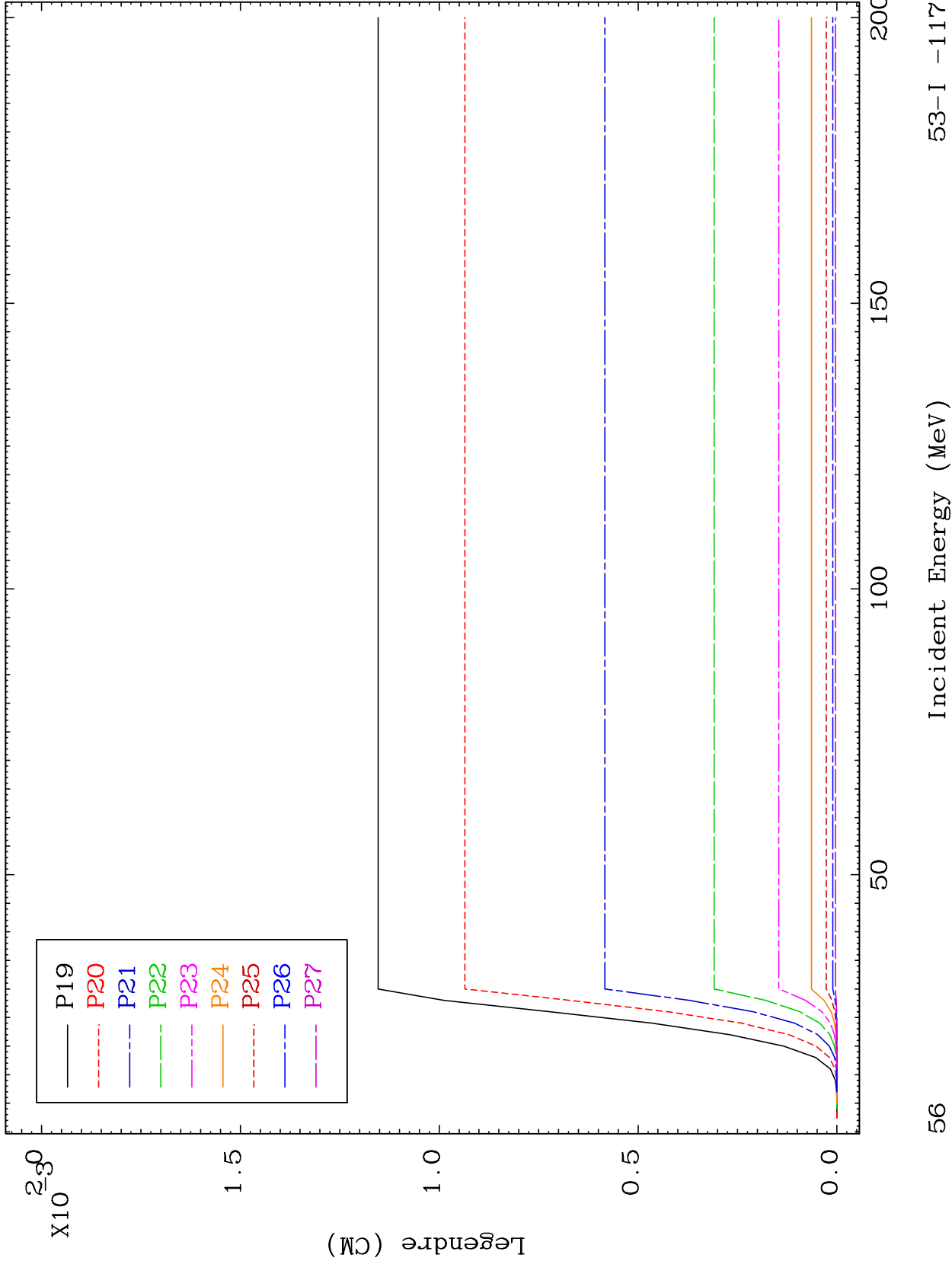


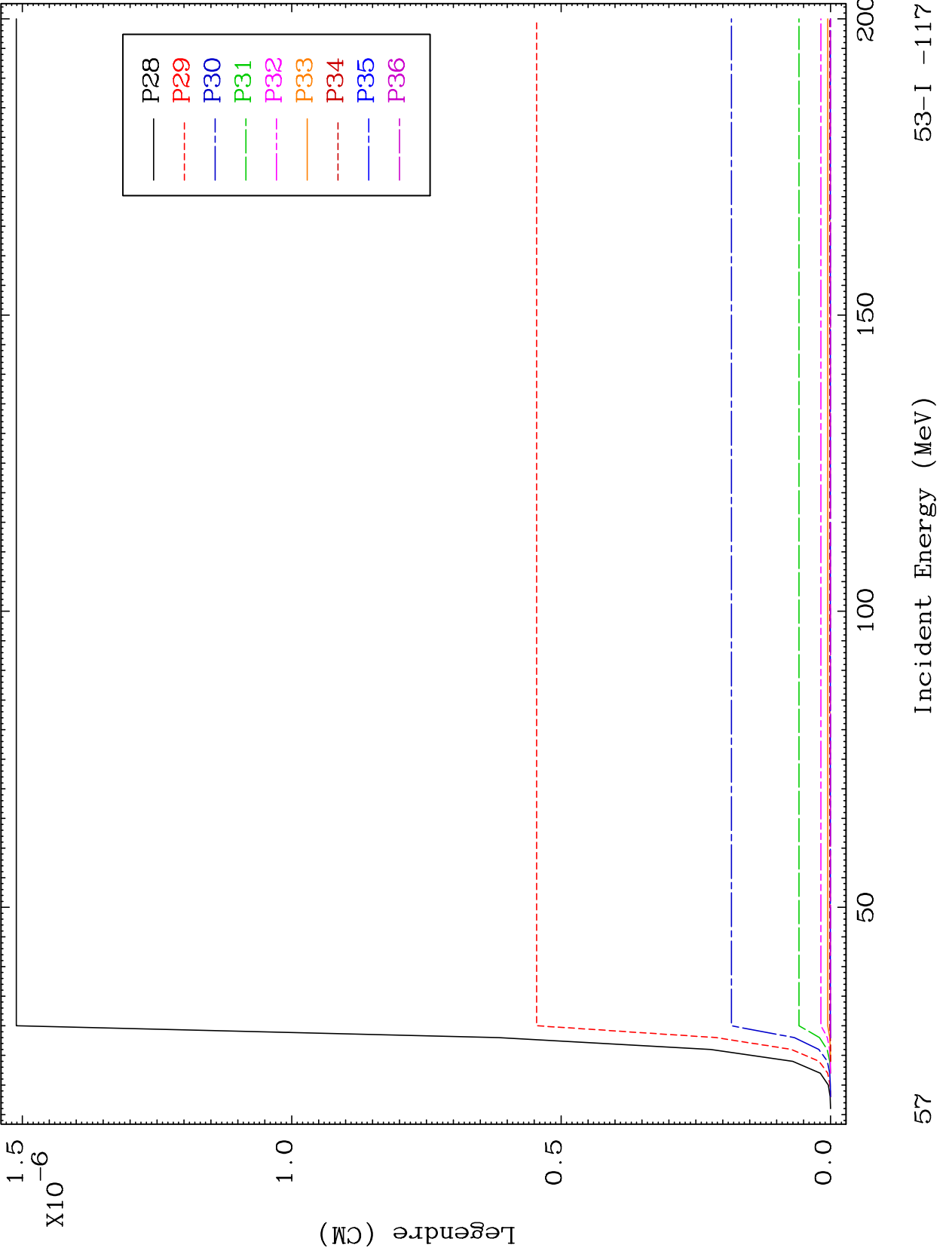








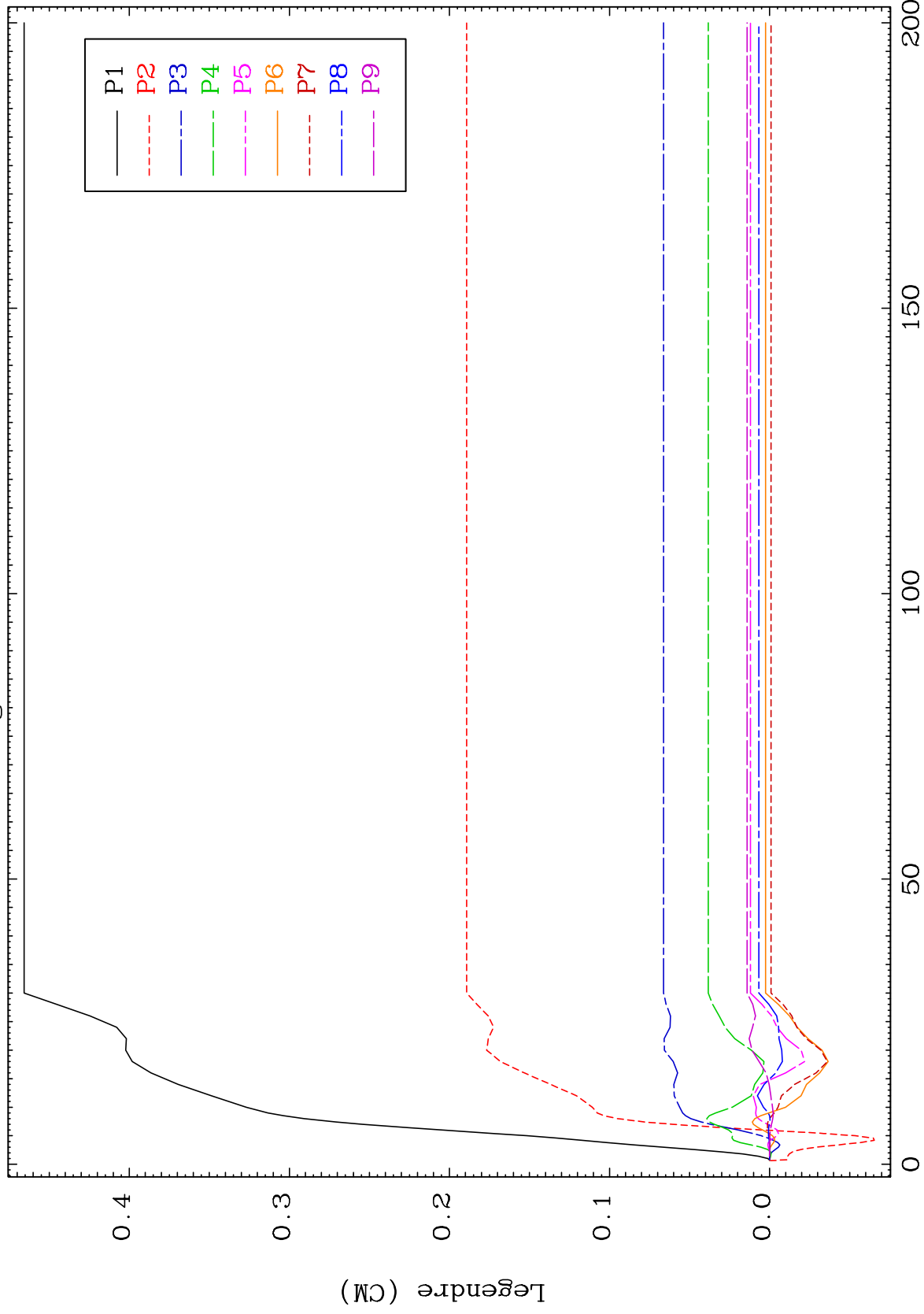




MAT 5295

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

53-I -117



53-I -117

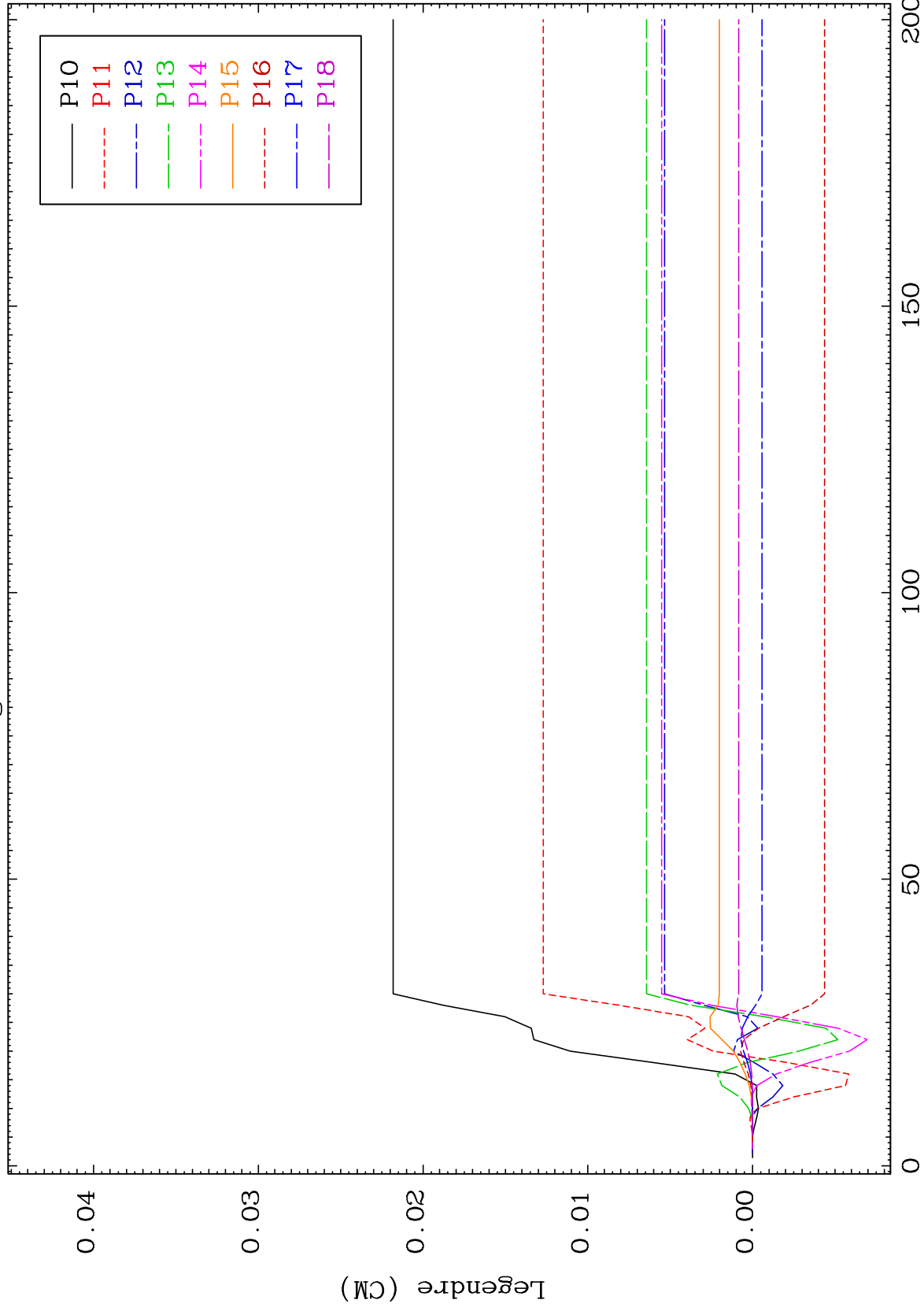
Incident Energy (MeV)

58

MAT 5295

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

53-I -117



53-I -117

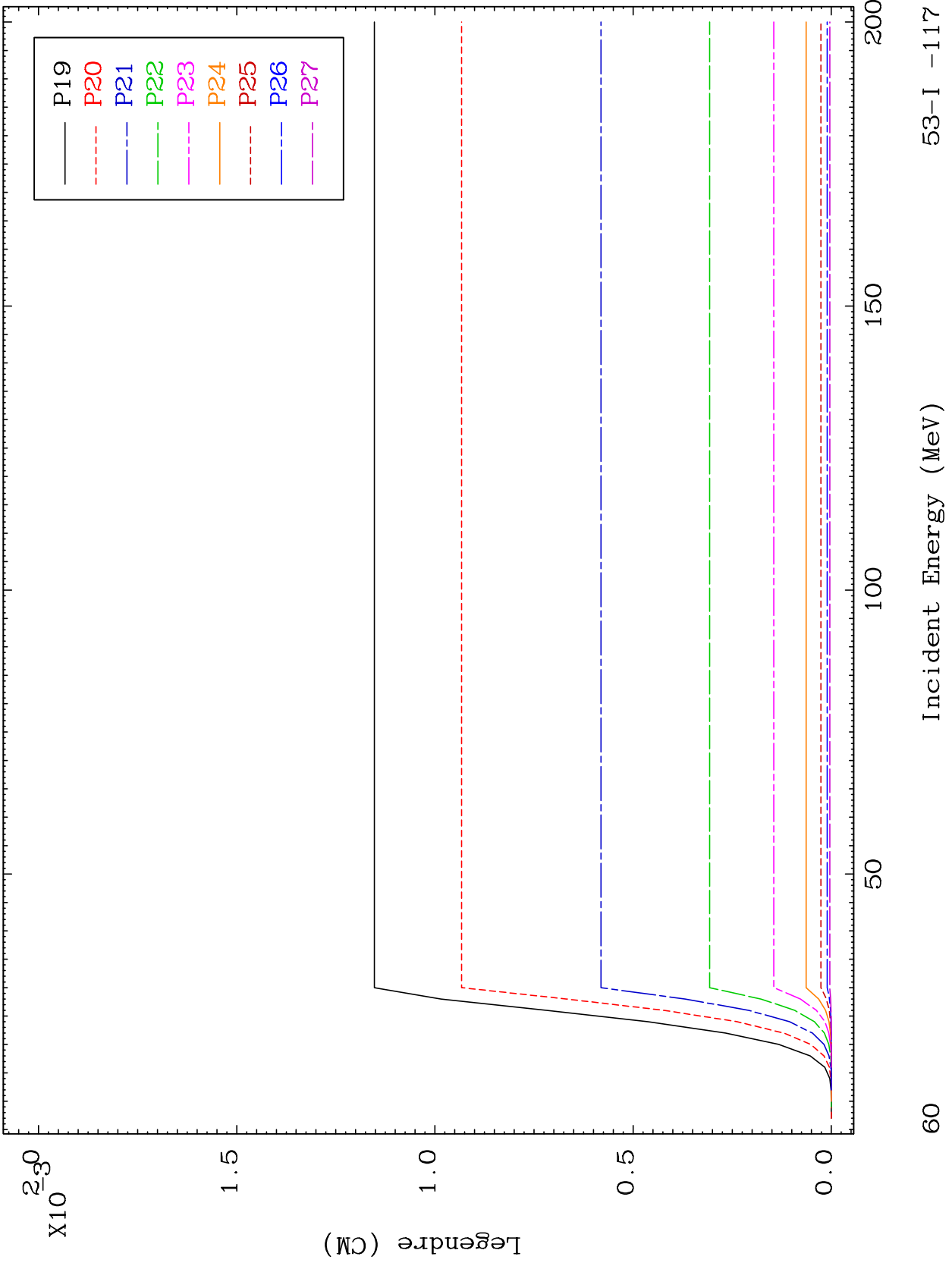
Incident Energy (MeV)

59

MAT 5295

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

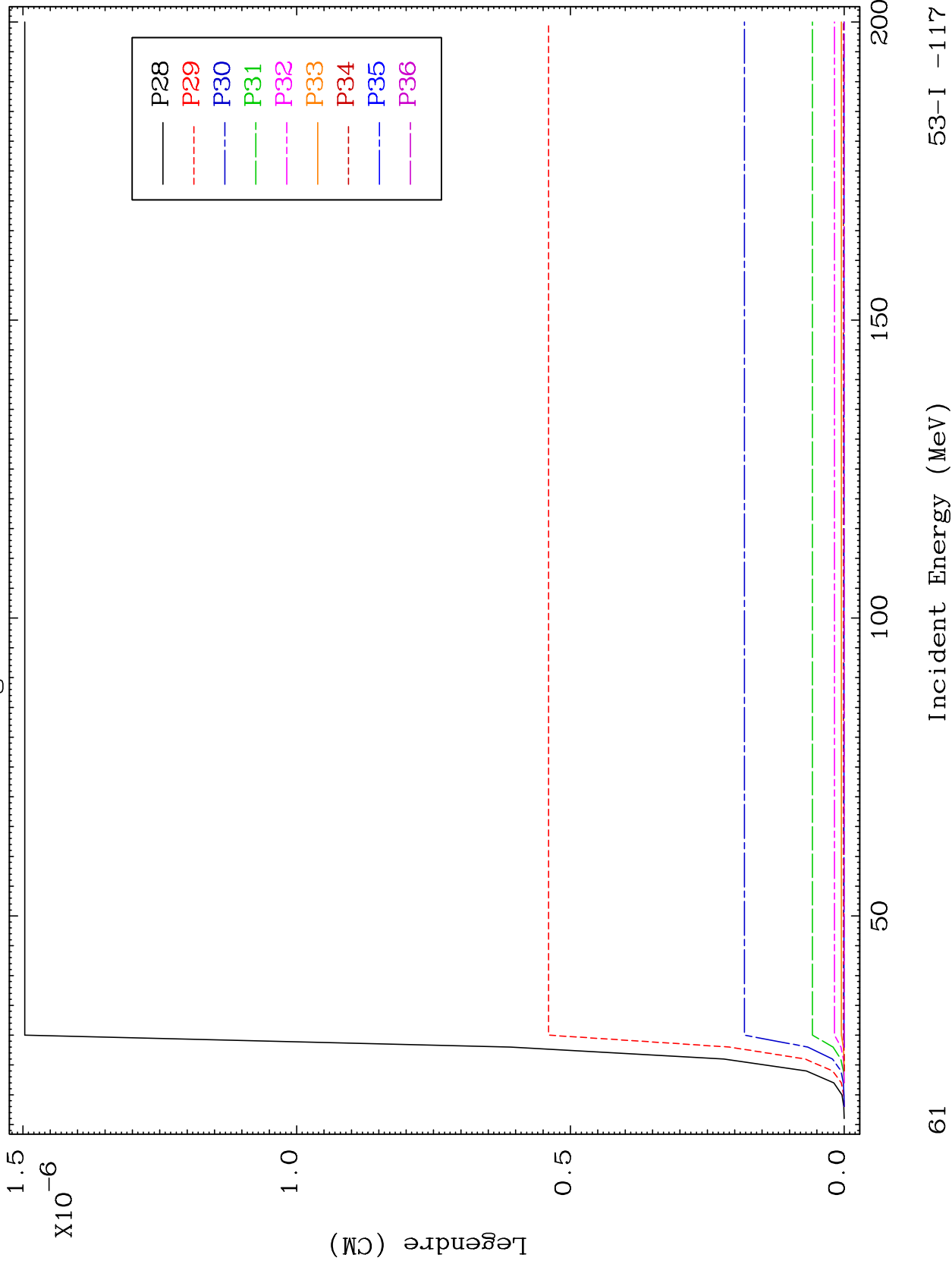
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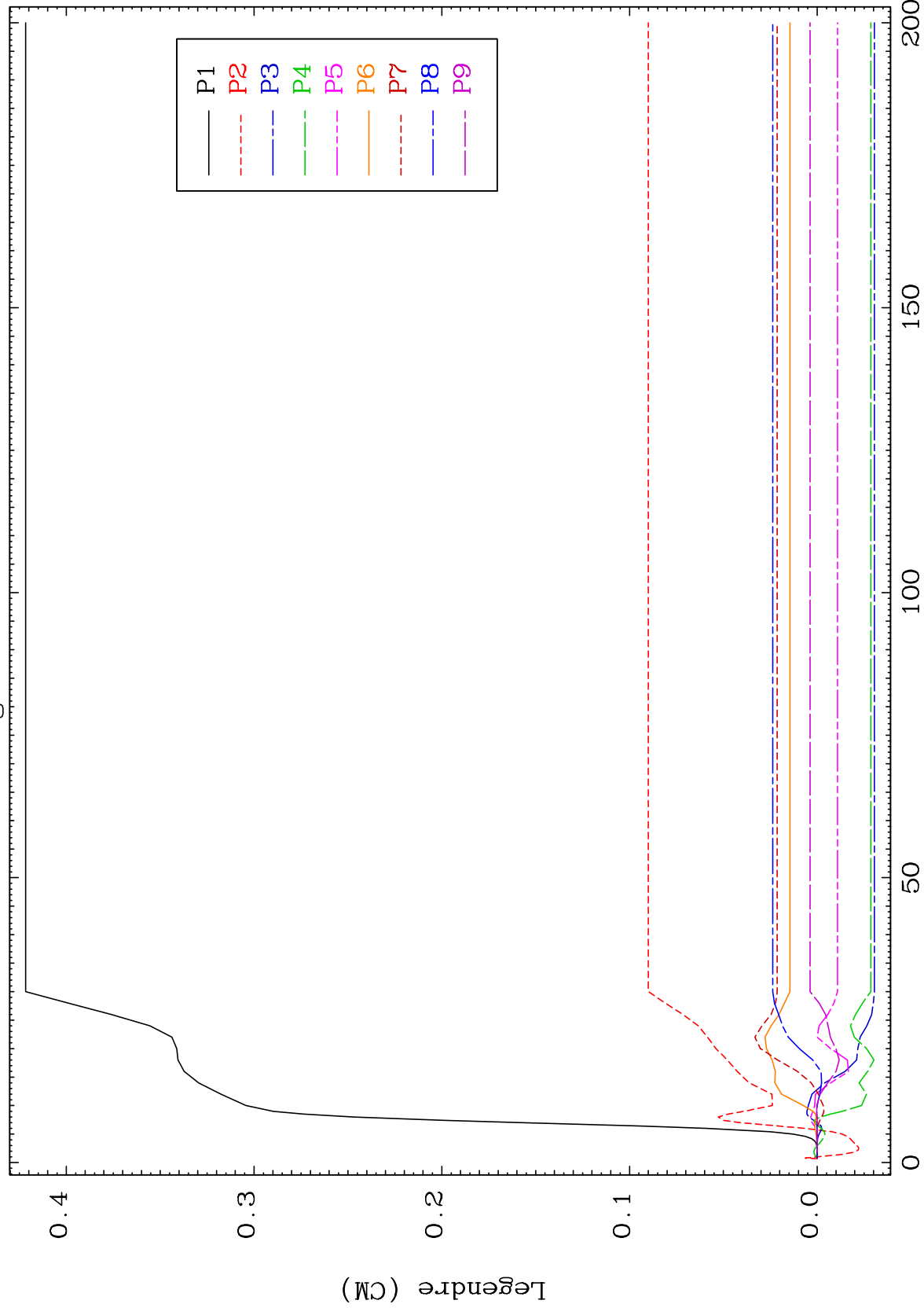


53-I -117

Incident Energy (MeV)

60

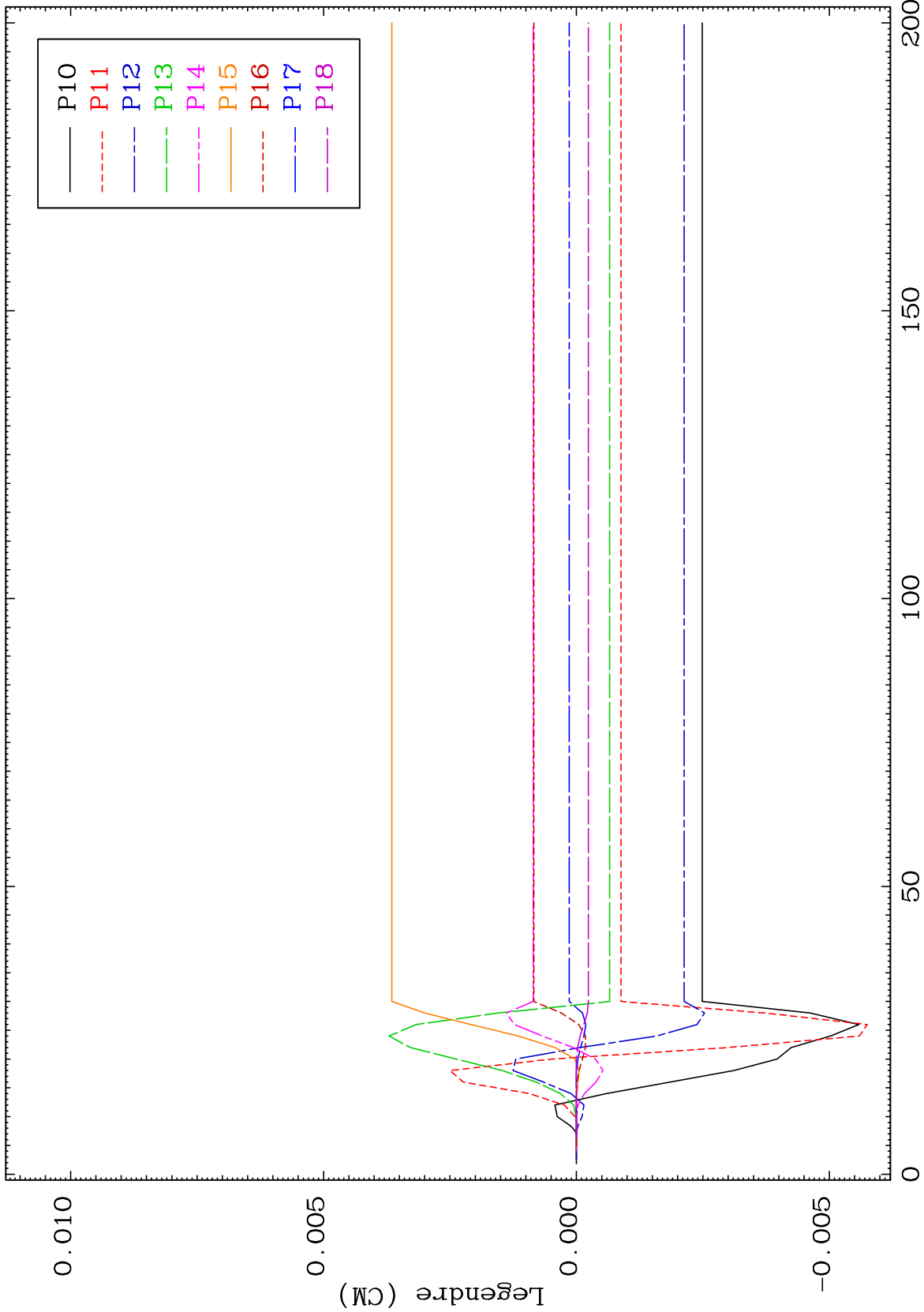




MAT 5295

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

53-I -117



63

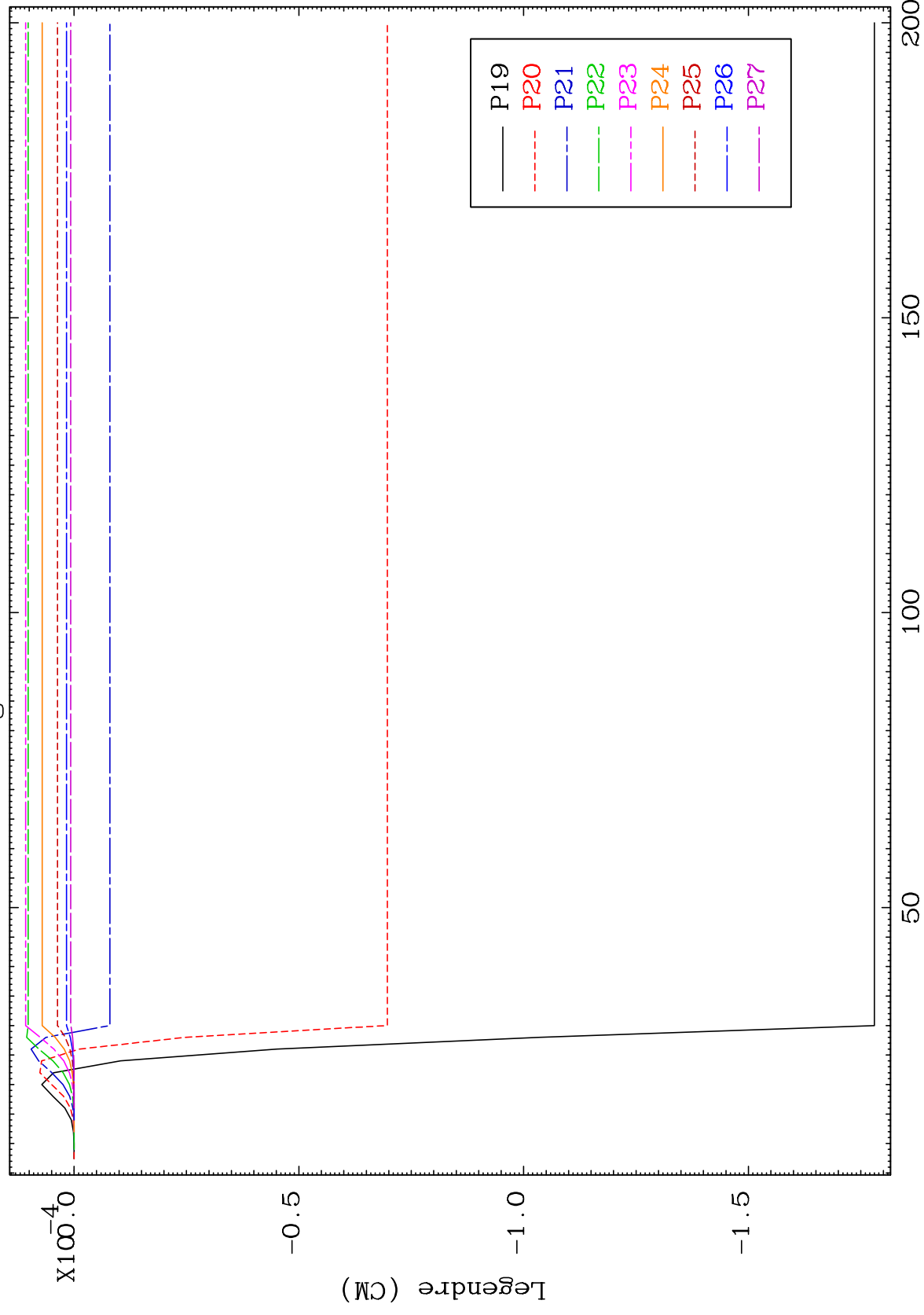
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



64

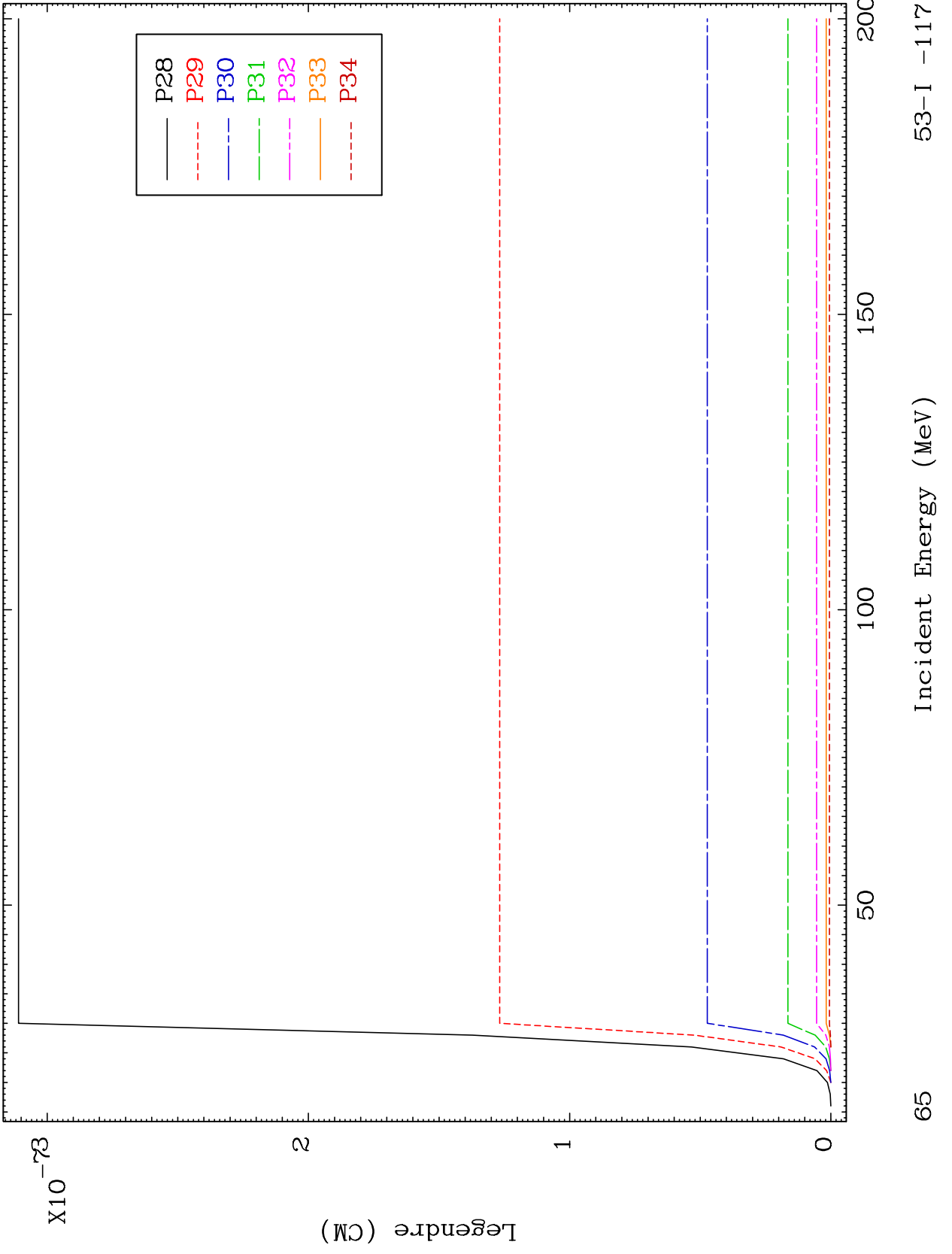
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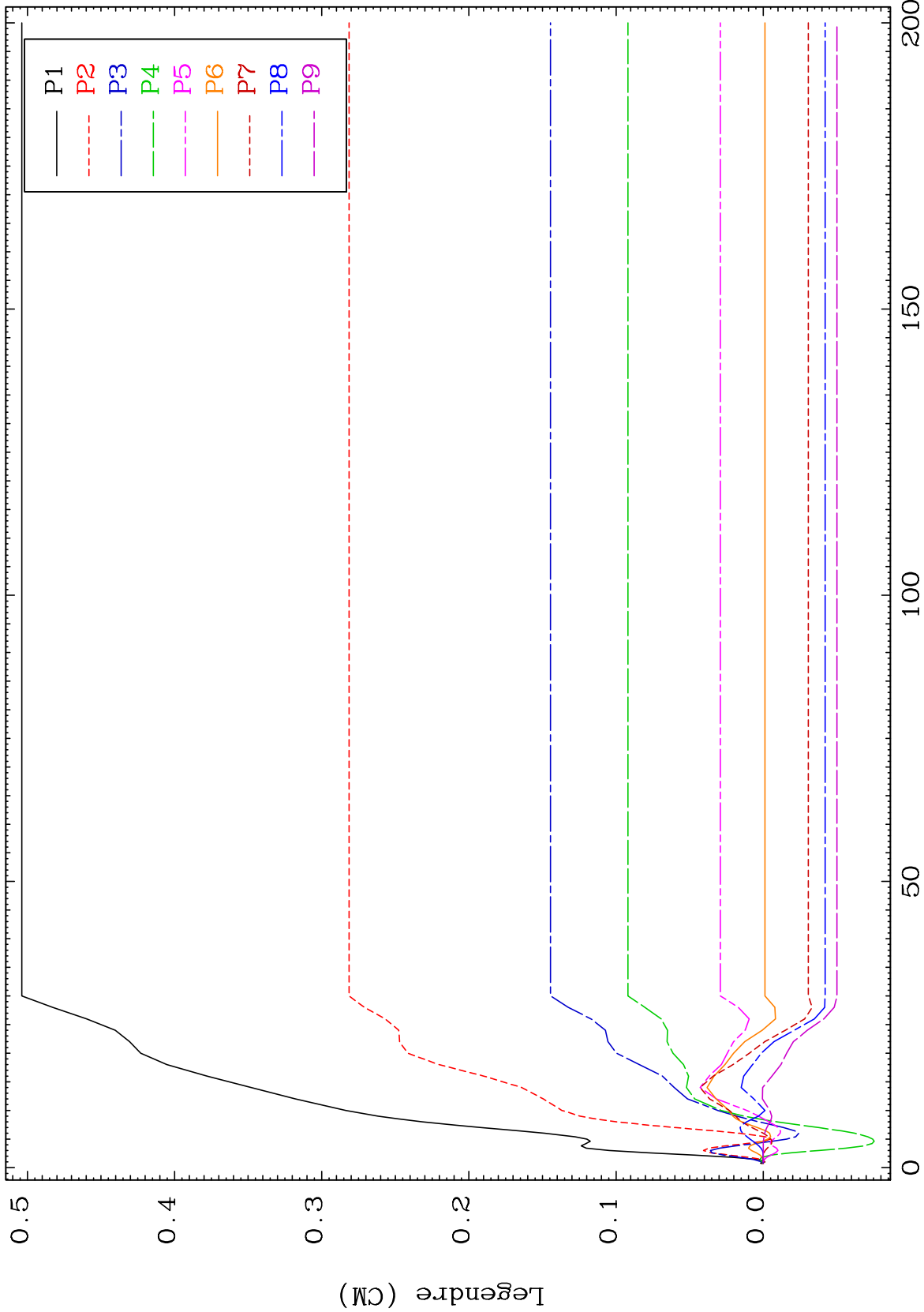
53-I -117

MAT 5295

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

53-I -117

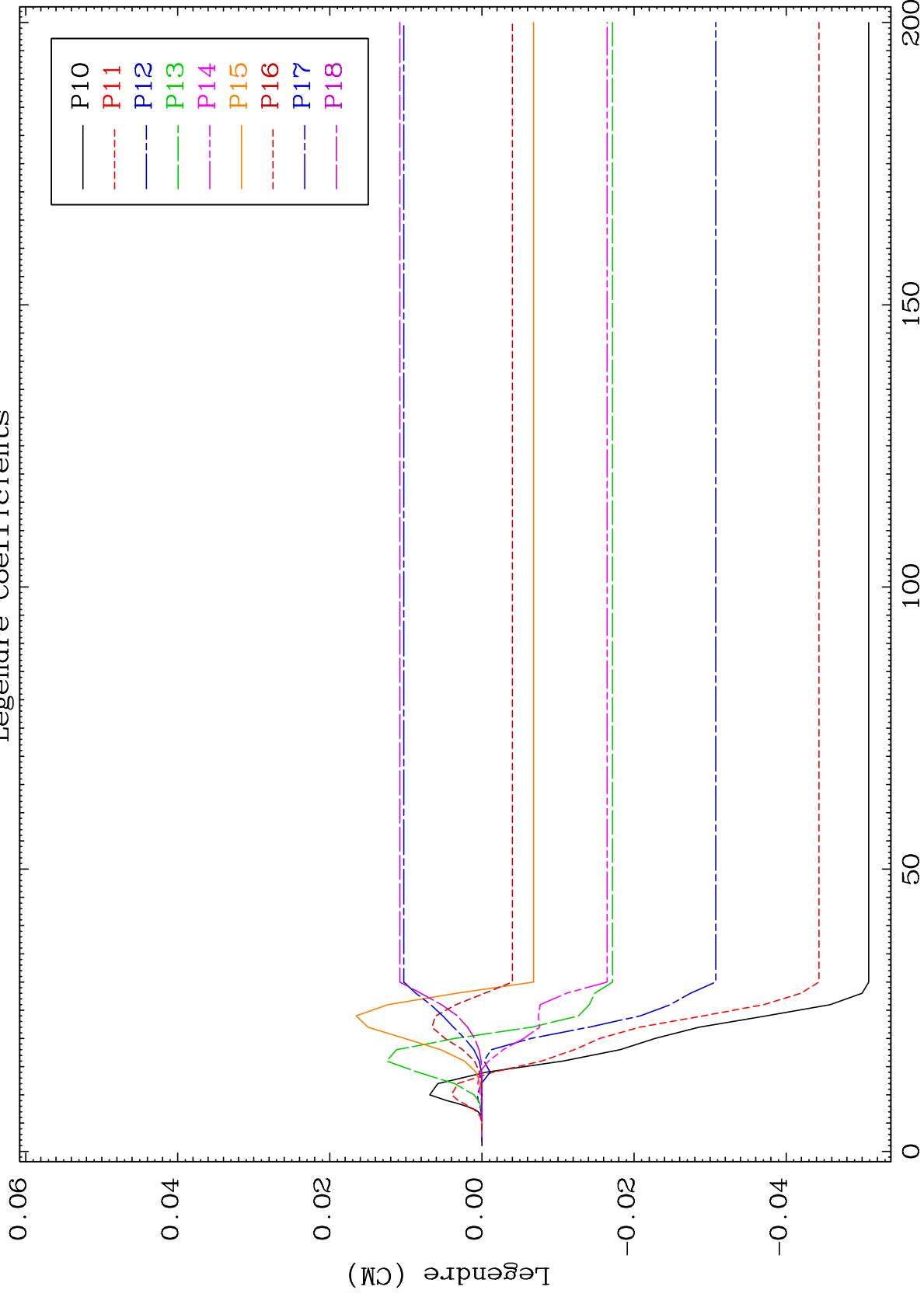




MAT 5295

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

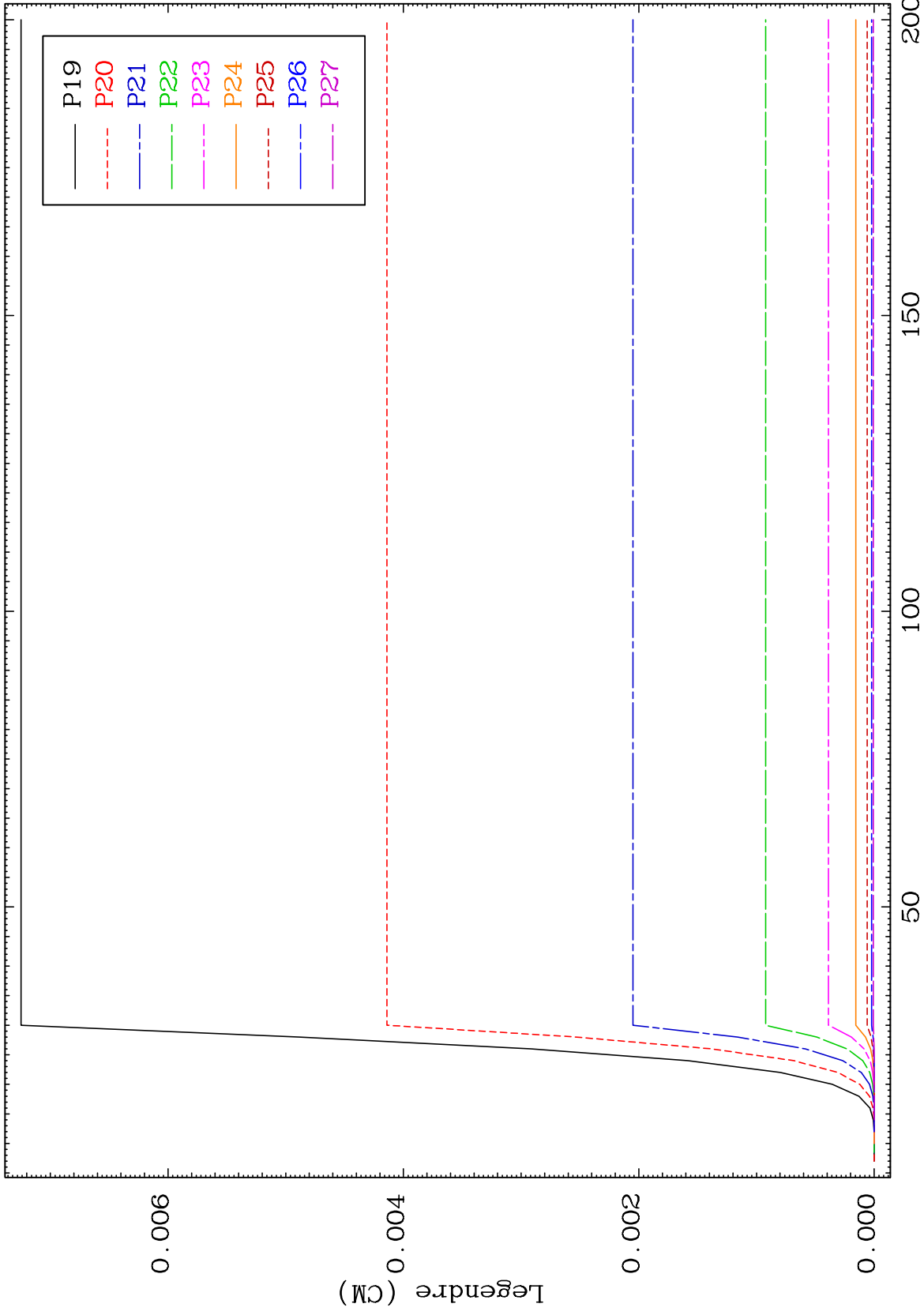
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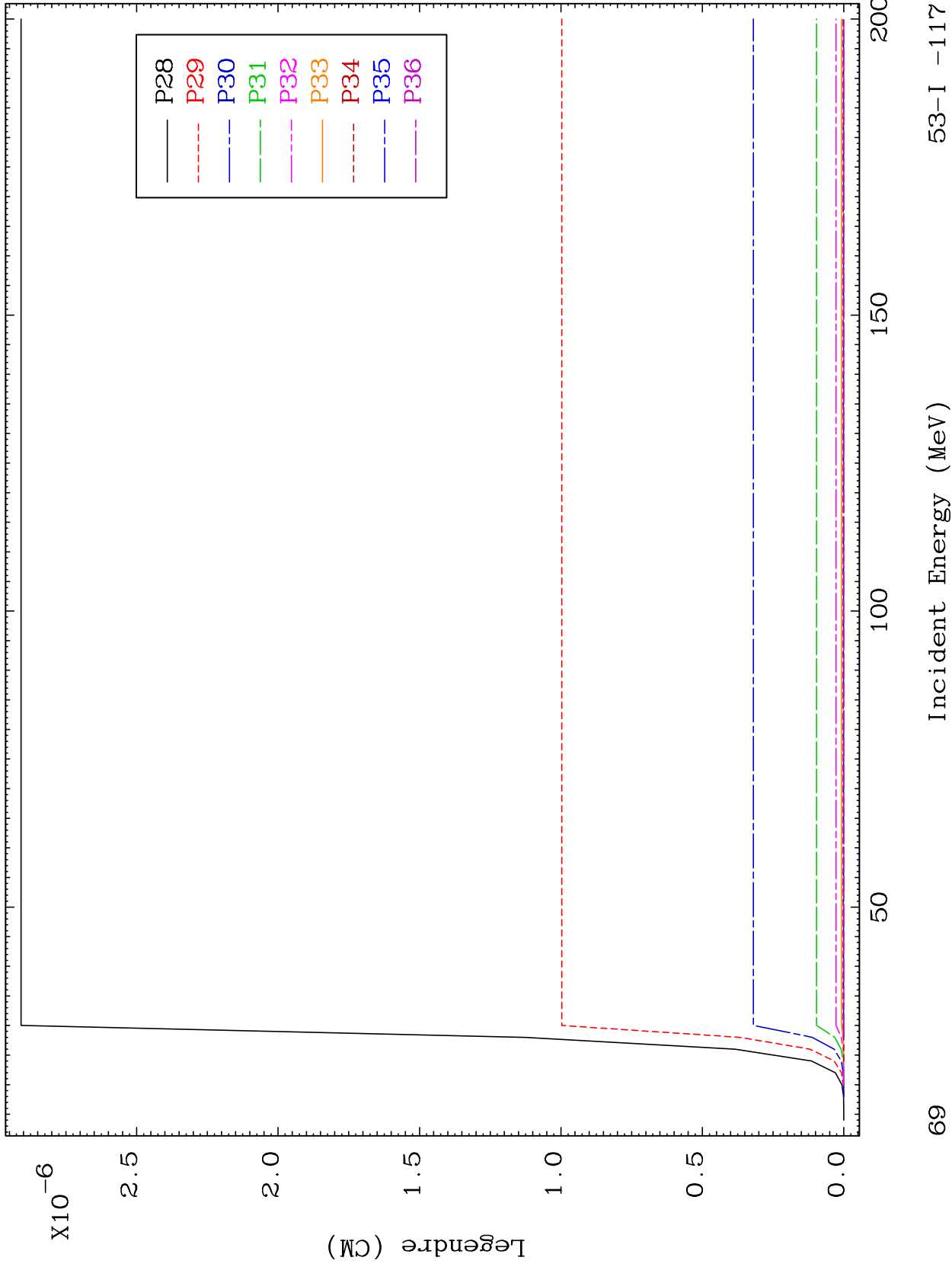


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Incident Energy (MeV)

53-I -117

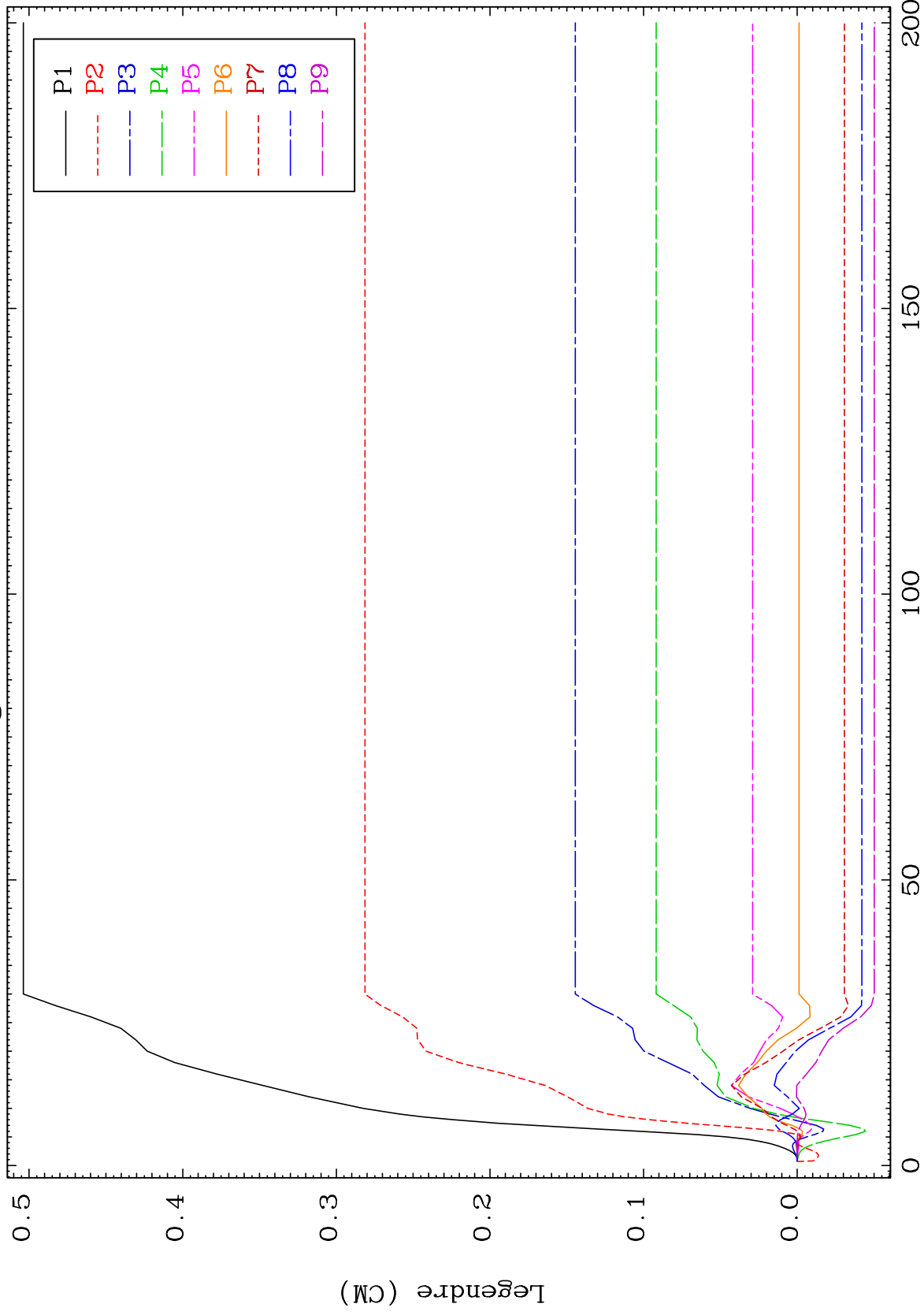




MAT 5295

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

53-I -117



53-I -117

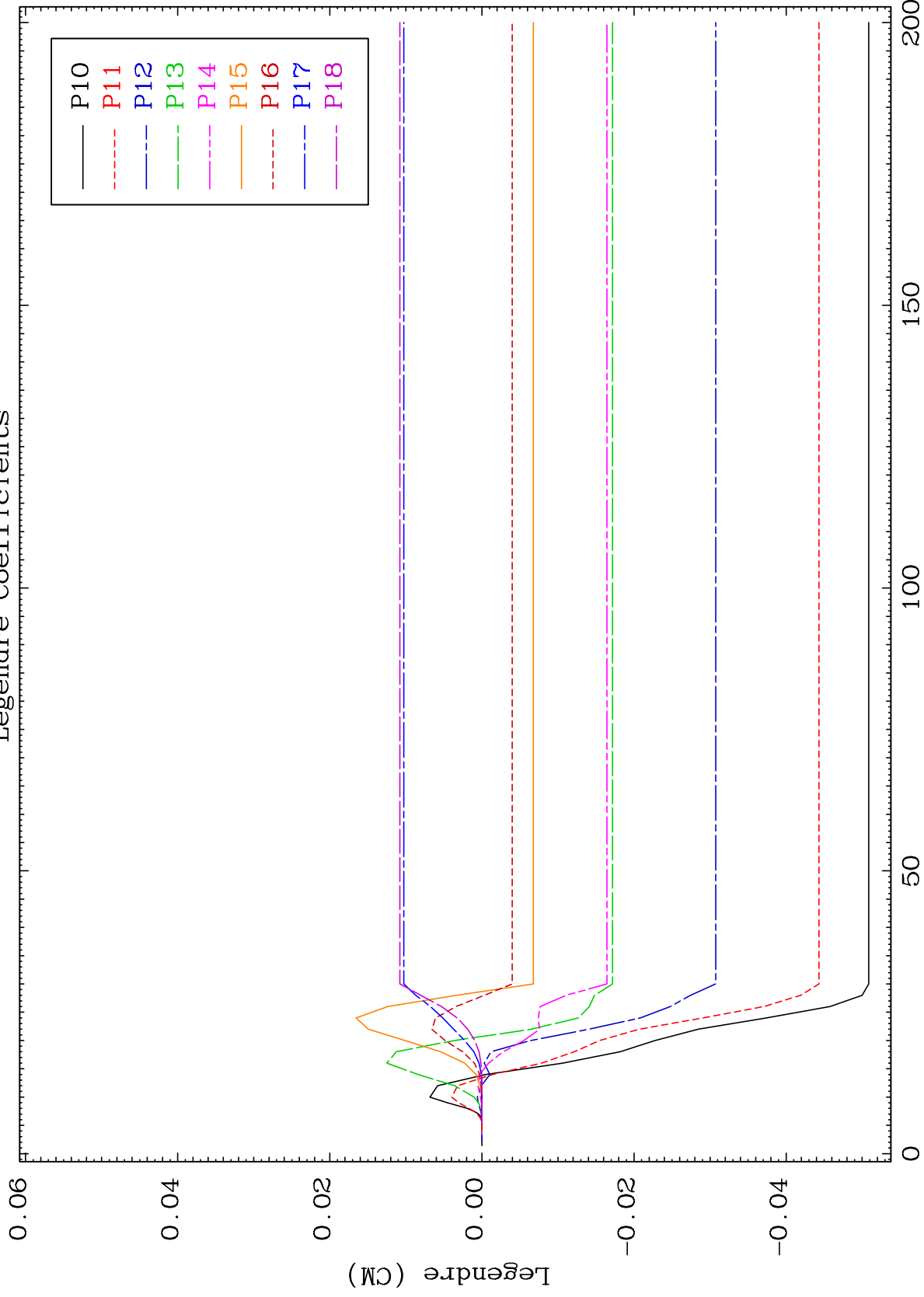
Incident Energy (MeV)

70

MAT 5295

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

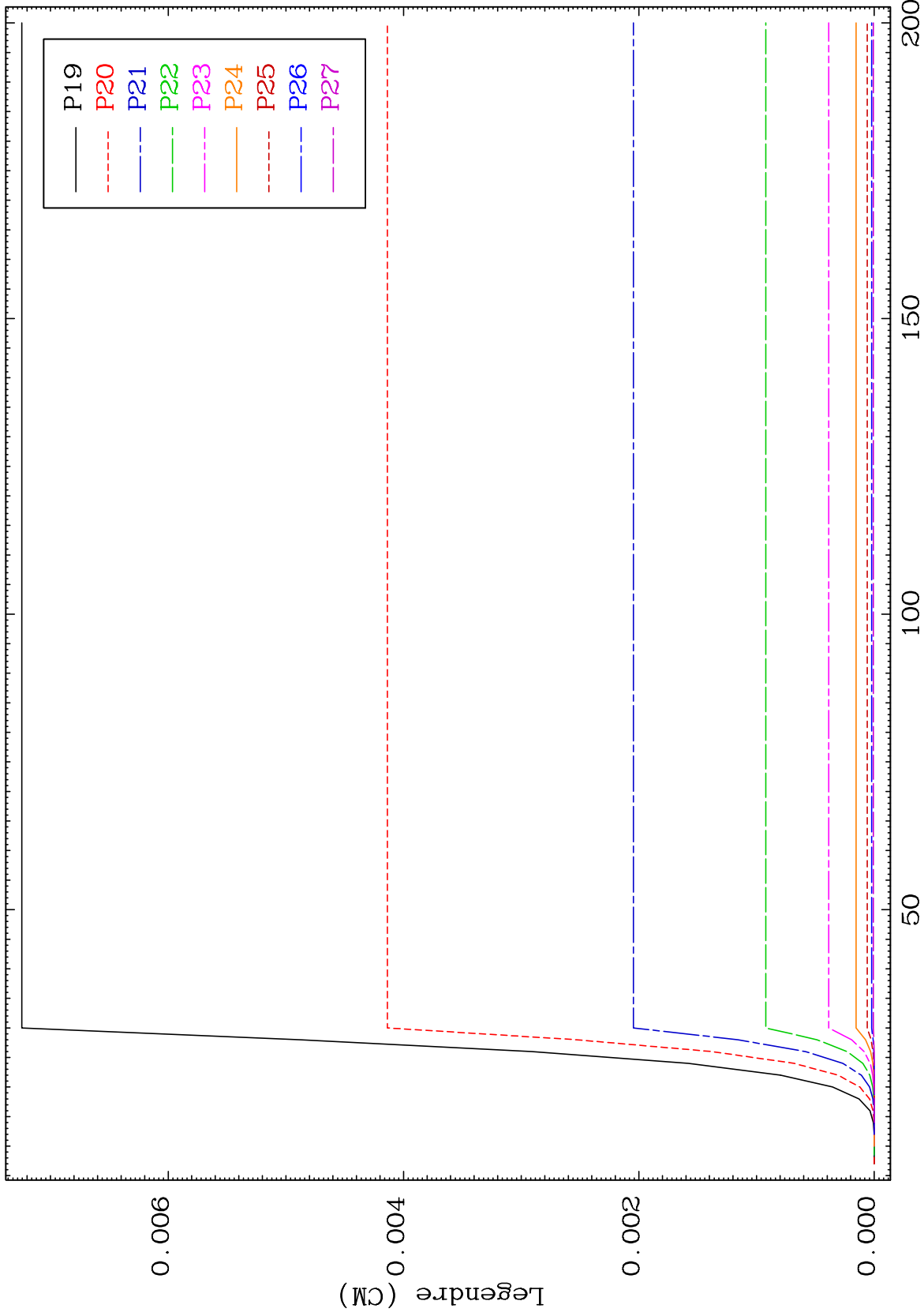
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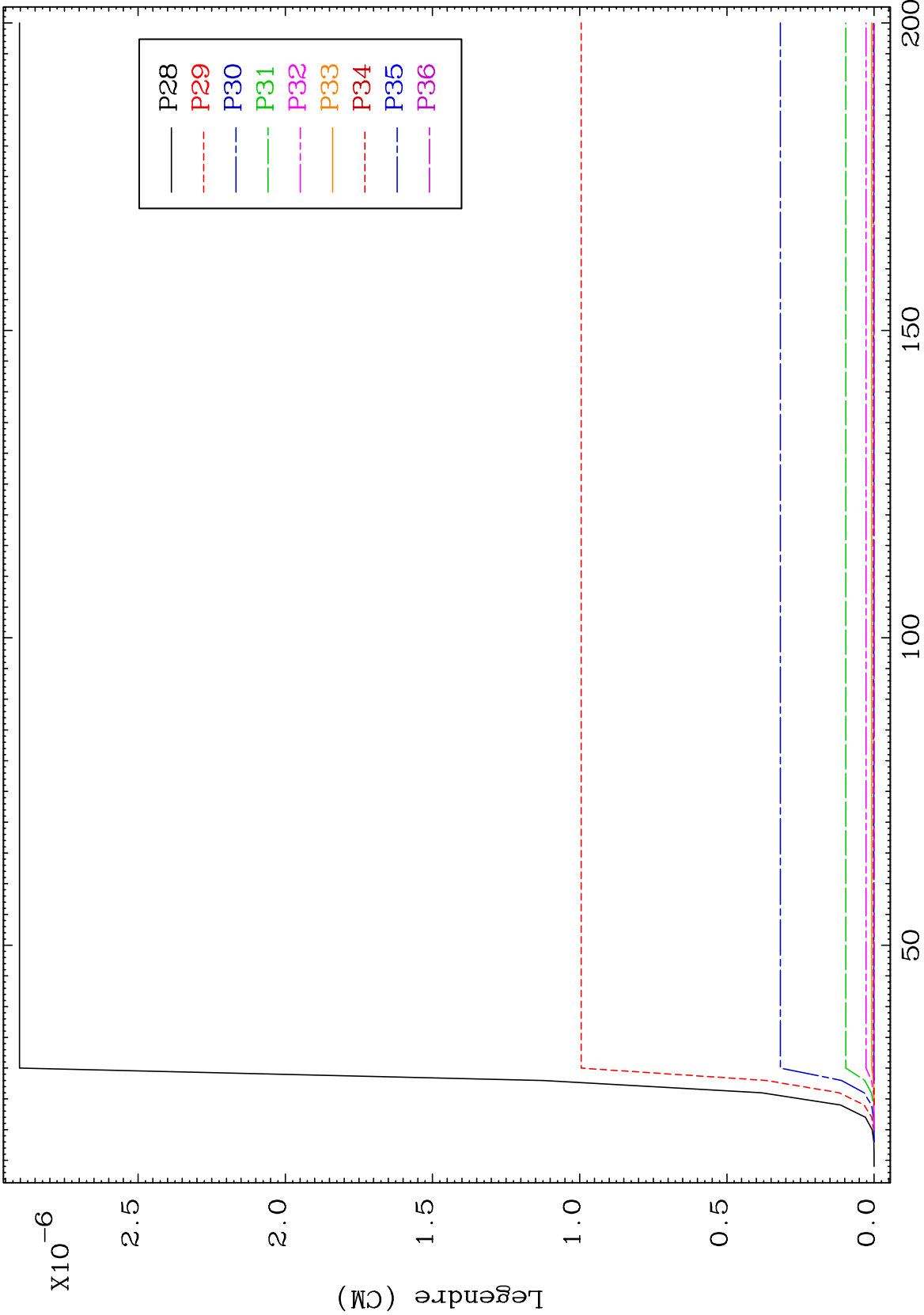


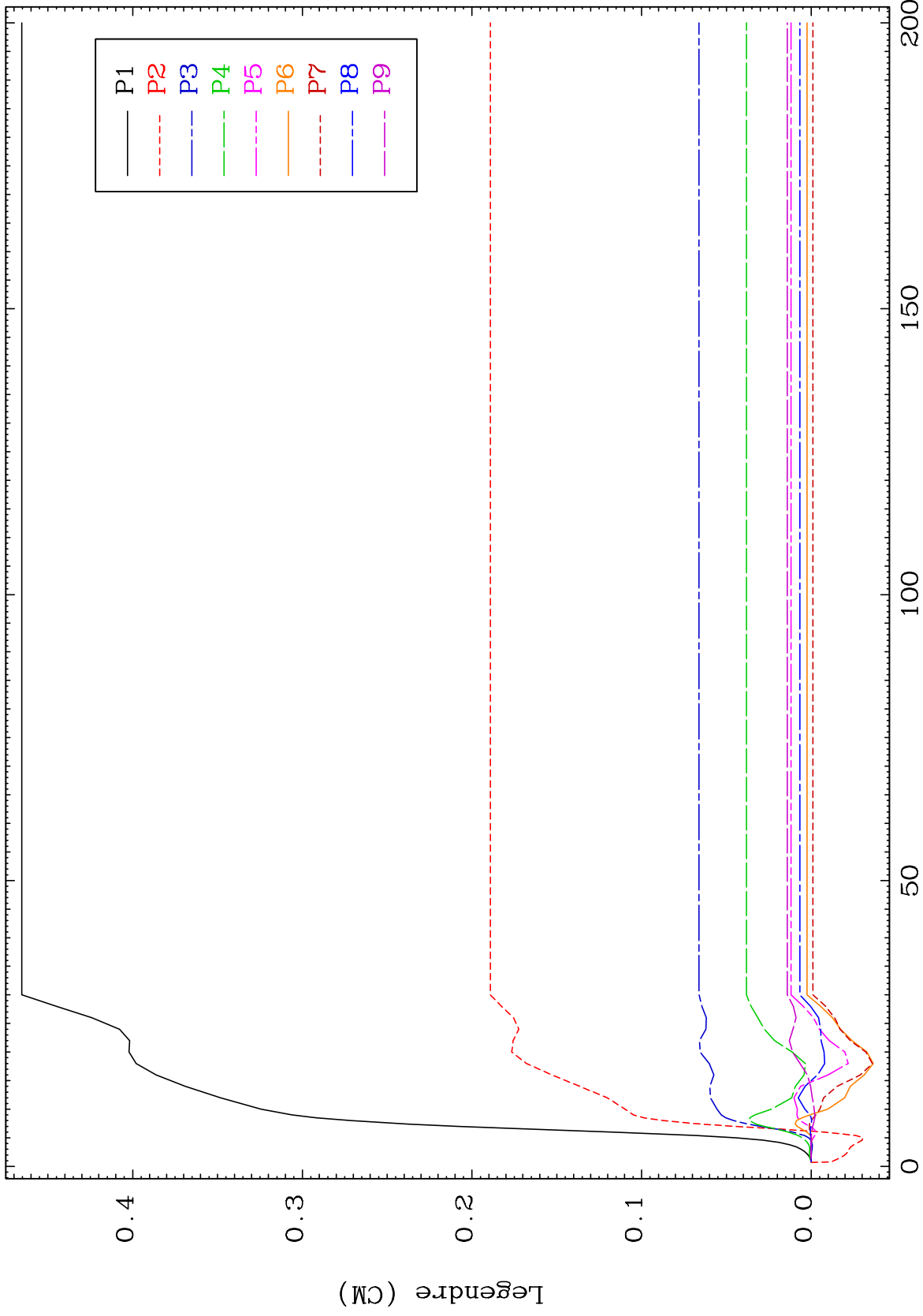
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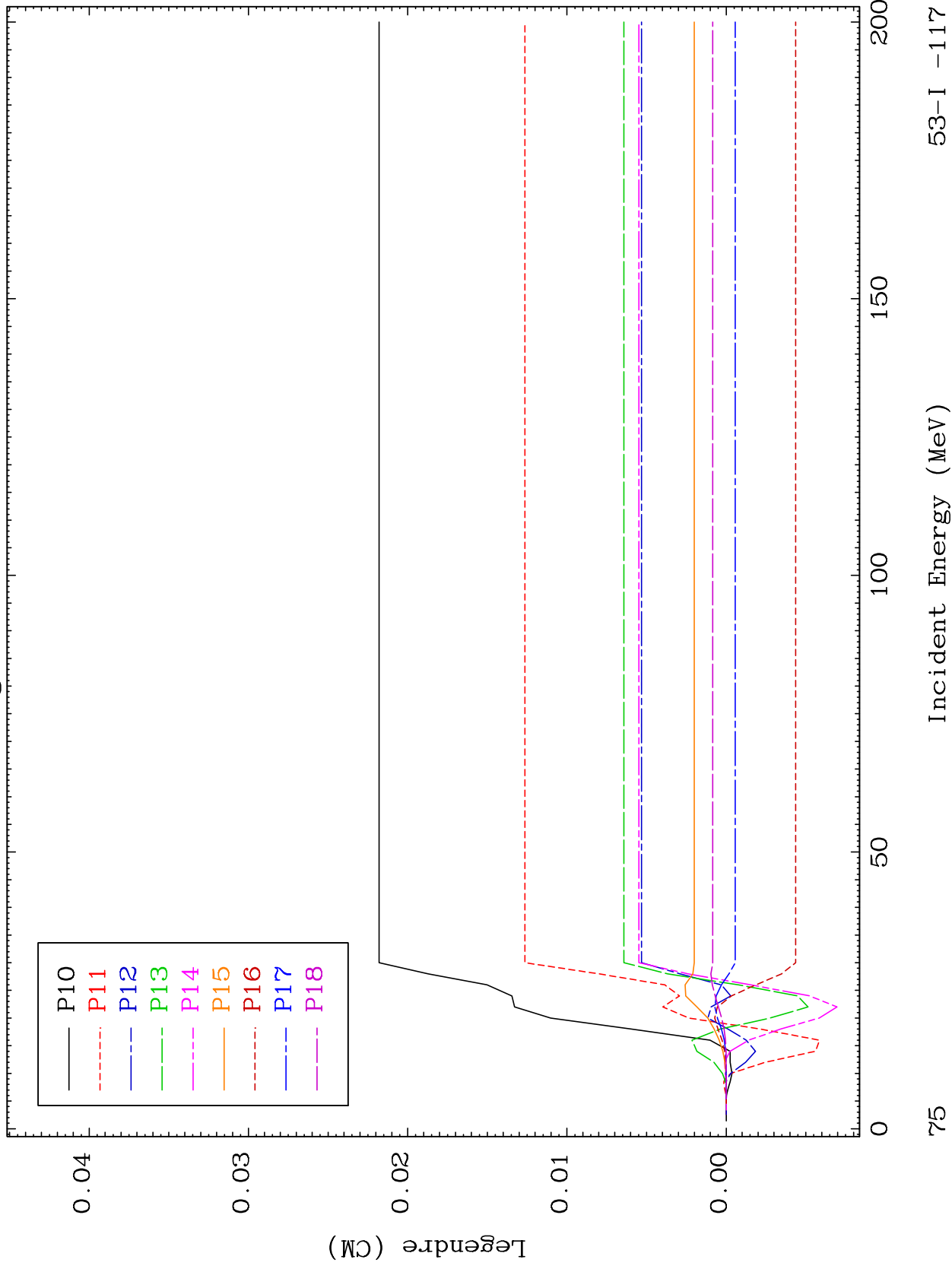
Incident Energy (MeV)

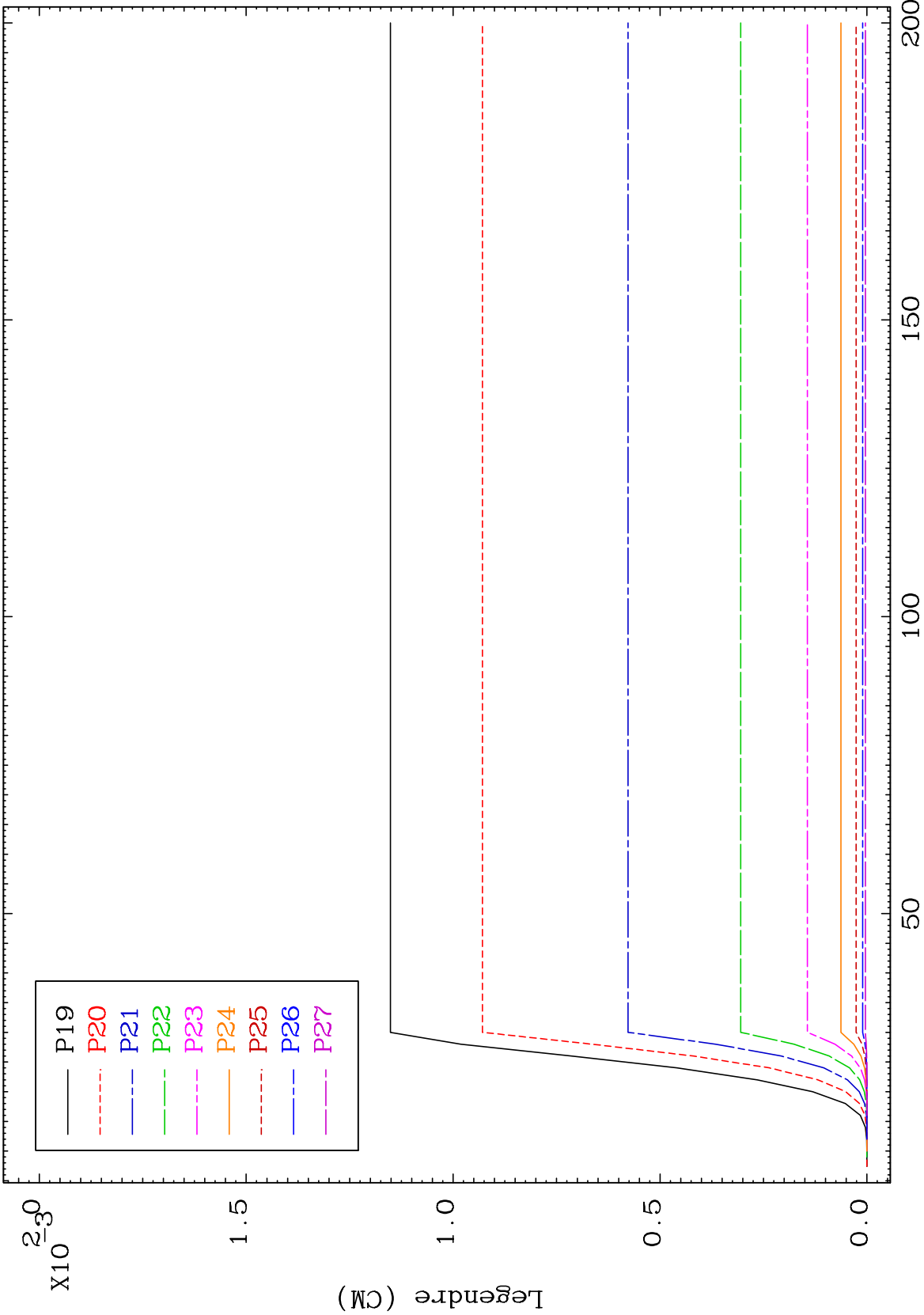
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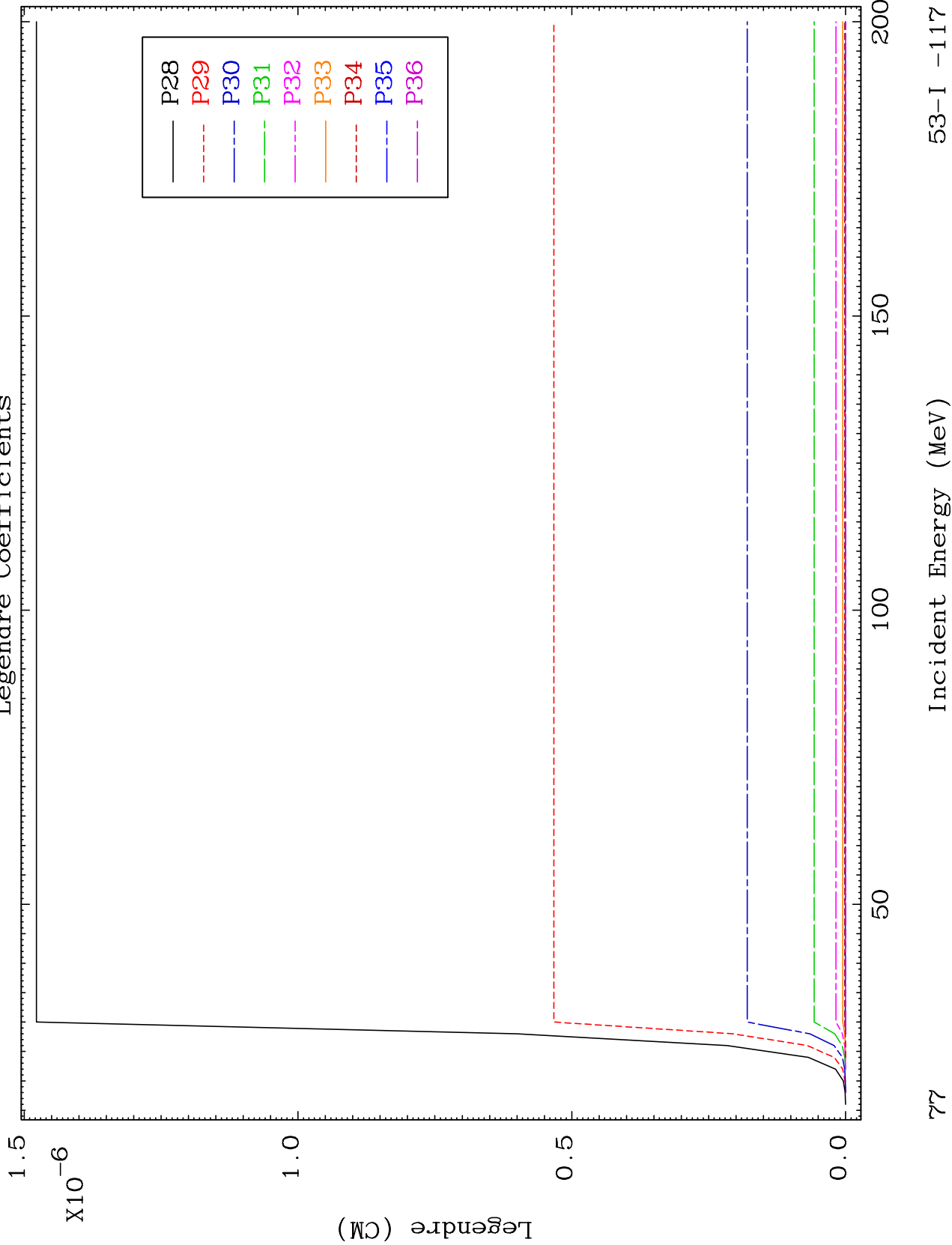








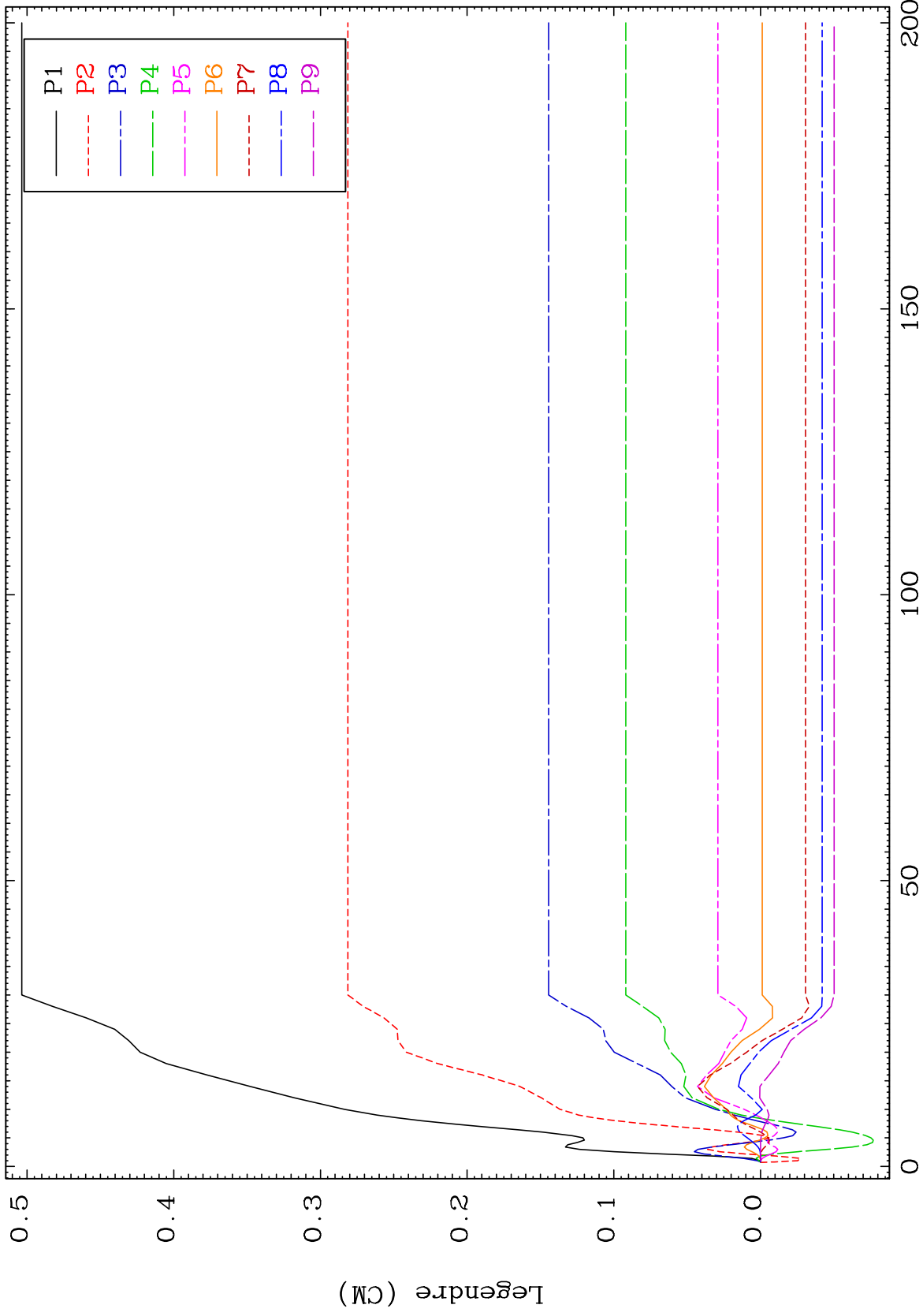




MAT 5295

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

53-I -117



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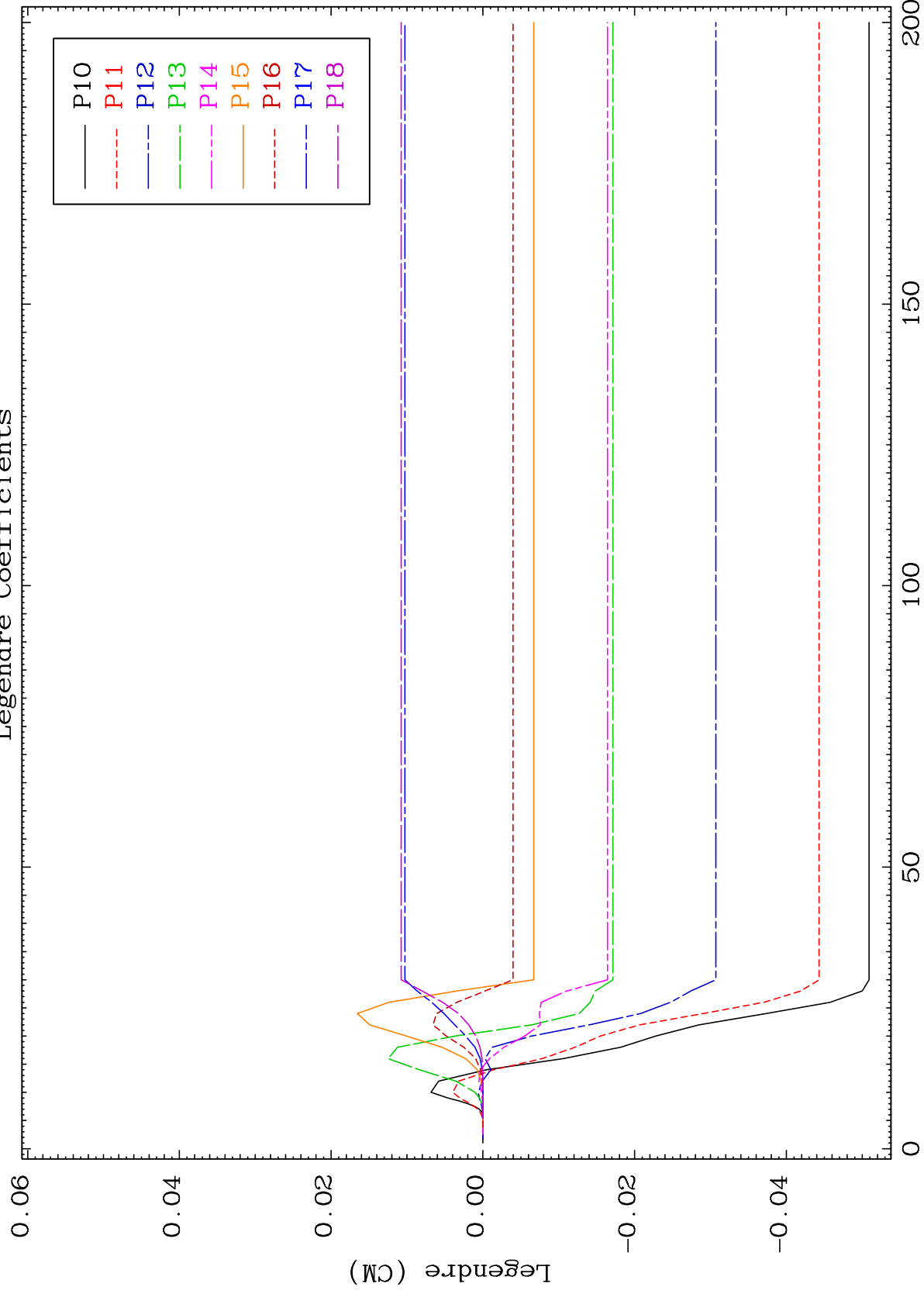
Incident Energy (MeV)

53-I -117

MAT 5295

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

53-I -117



79

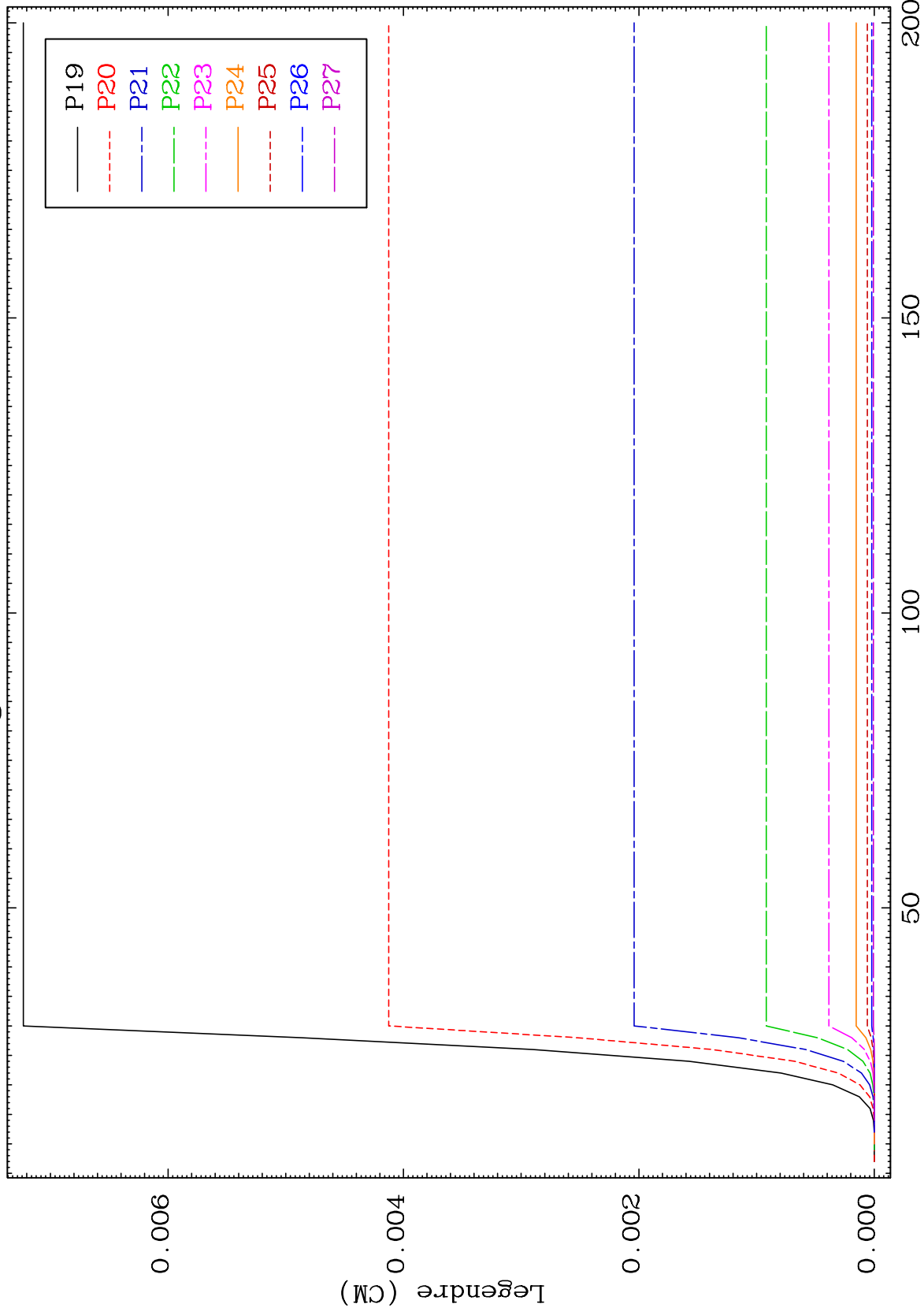
Incident Energy (MeV)

53-I -117

MAT 5295

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

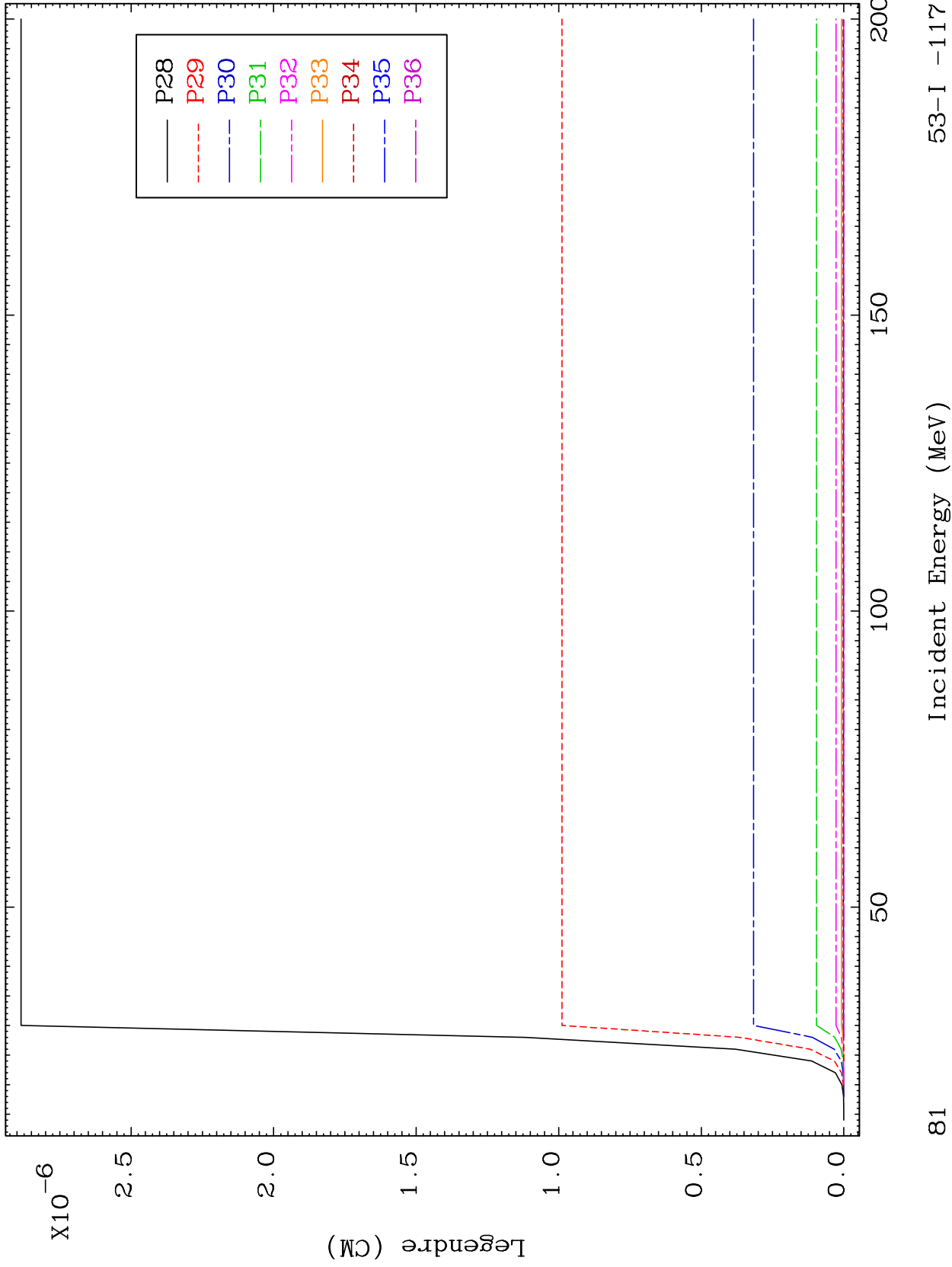
53-I -117

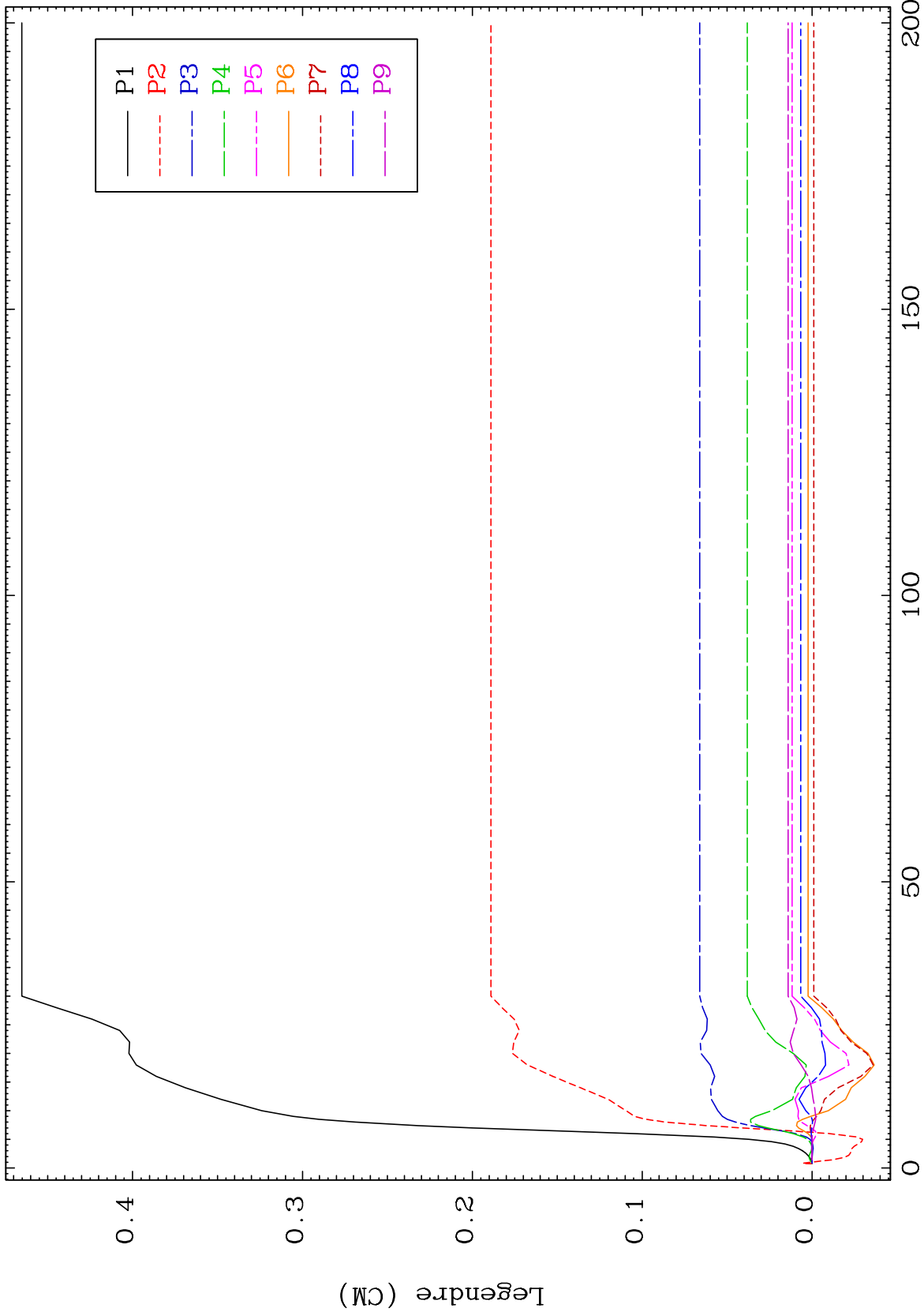


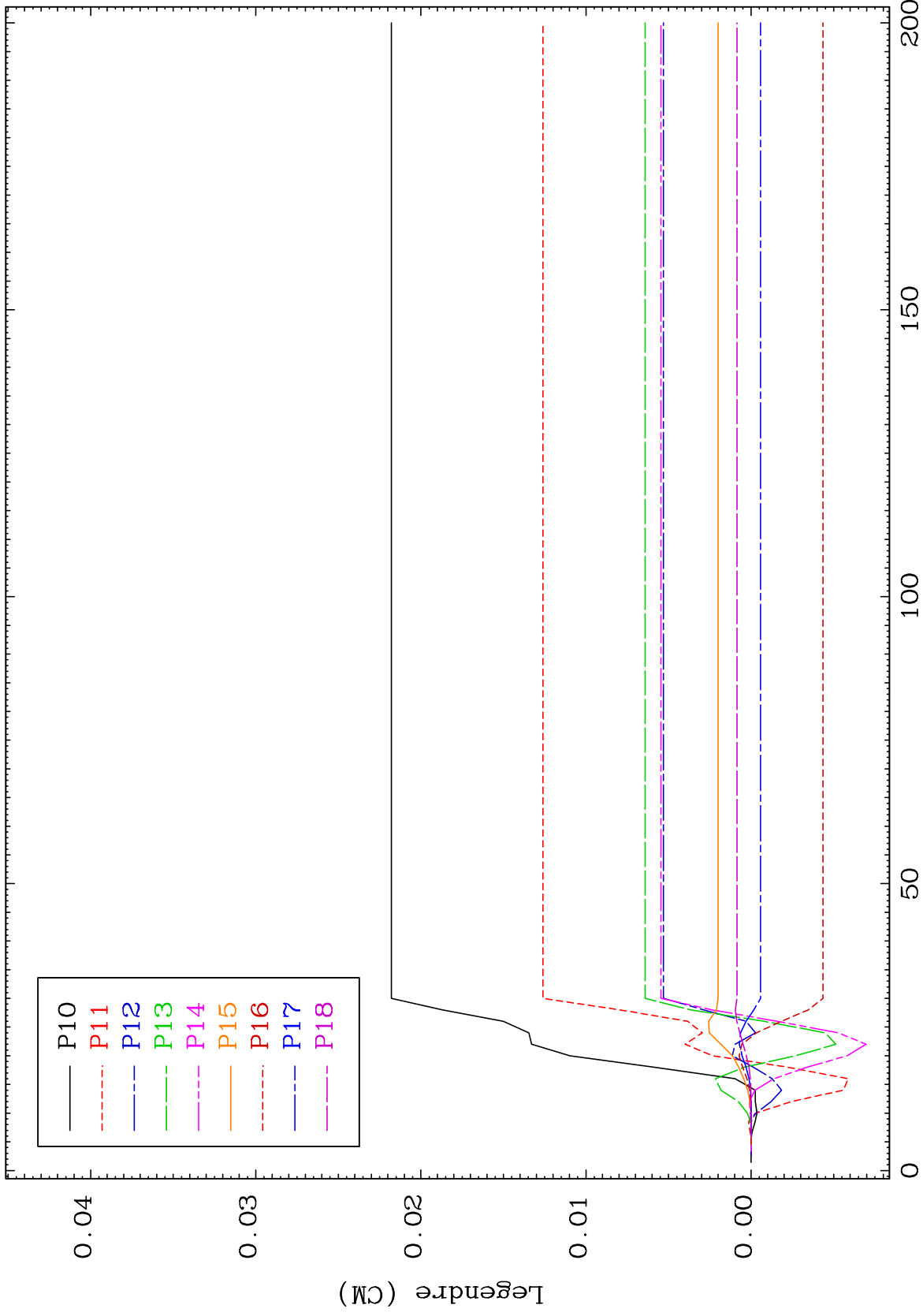
53-I -117

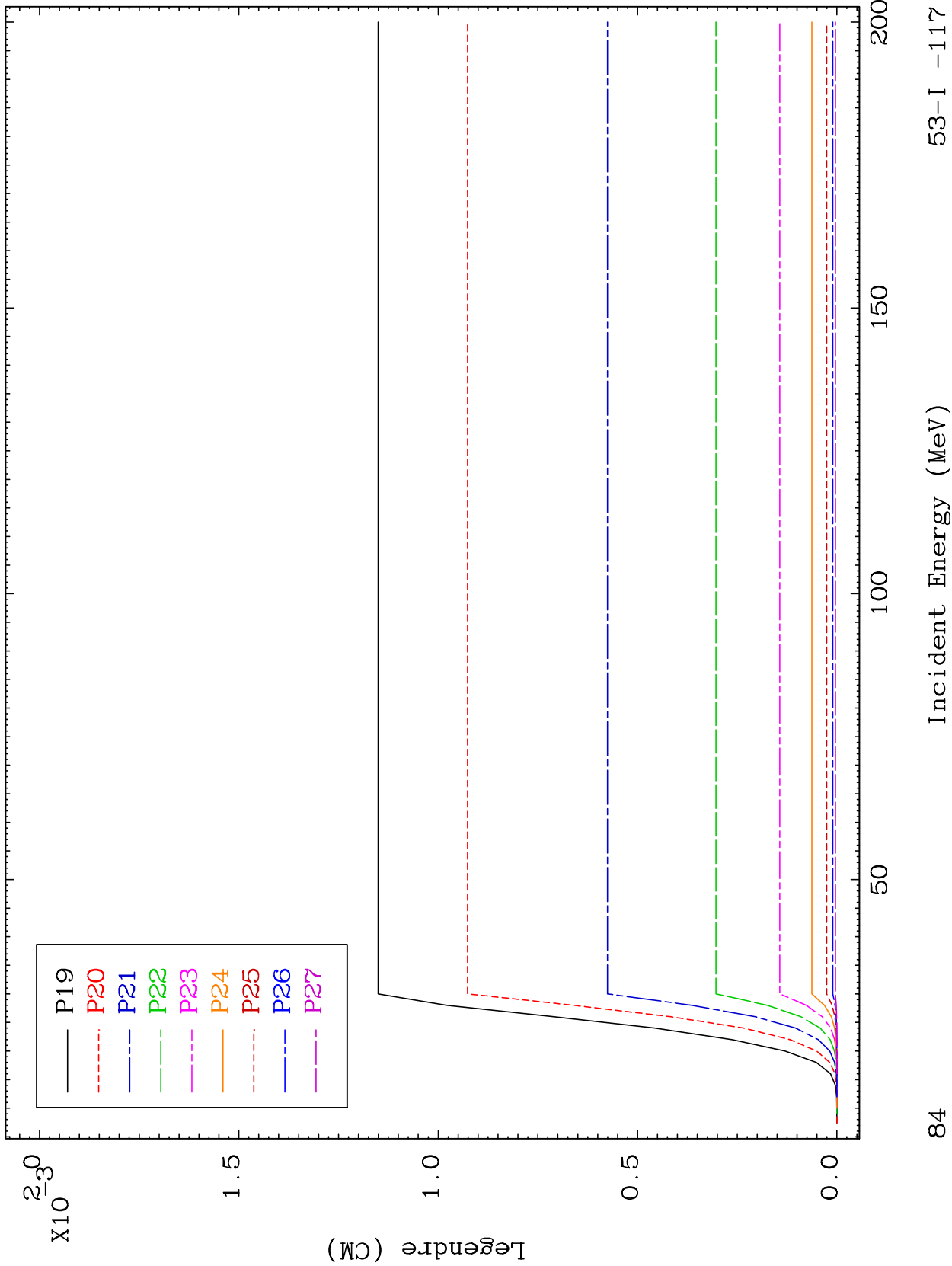
Incident Energy (MeV)

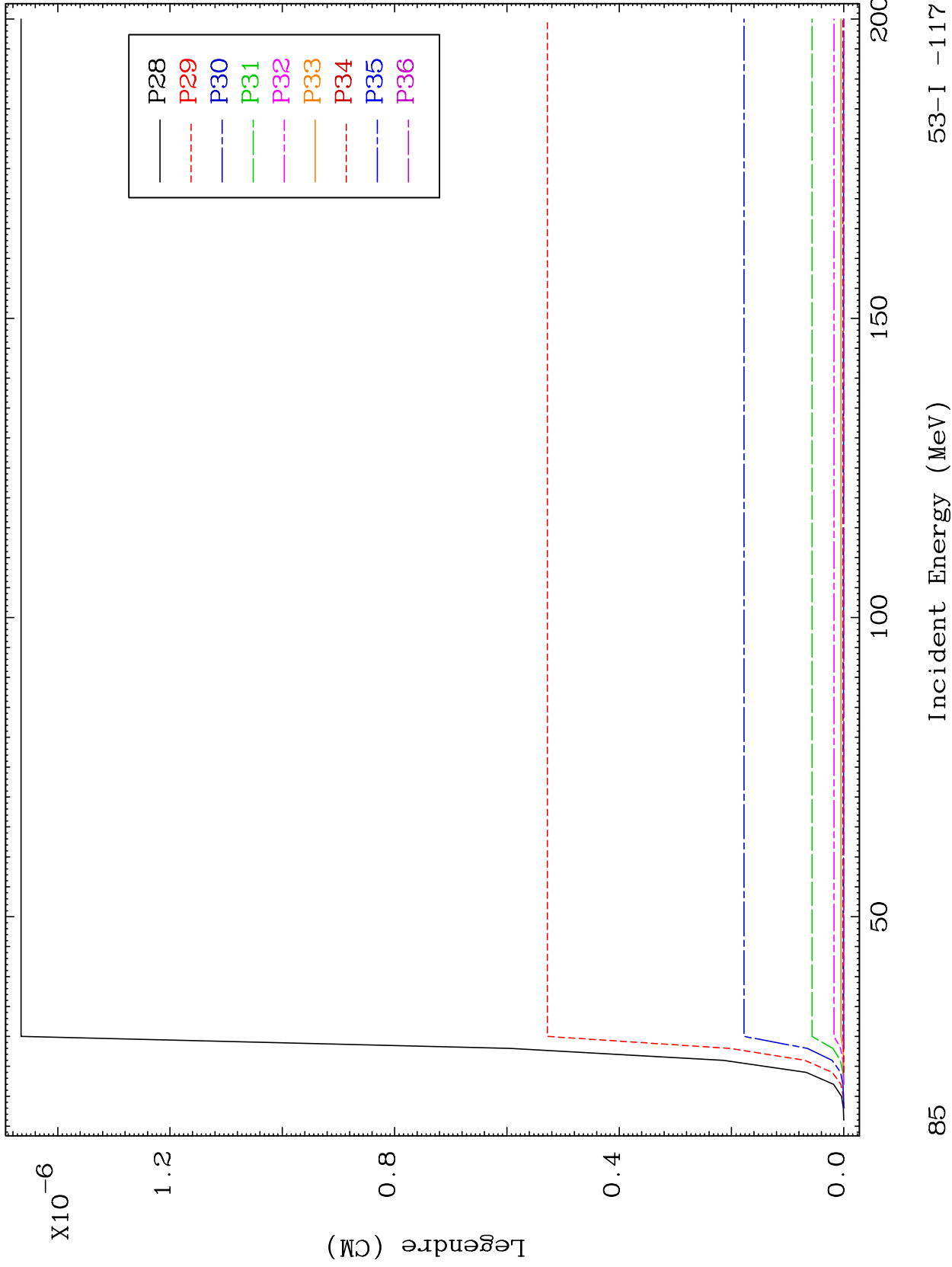
80

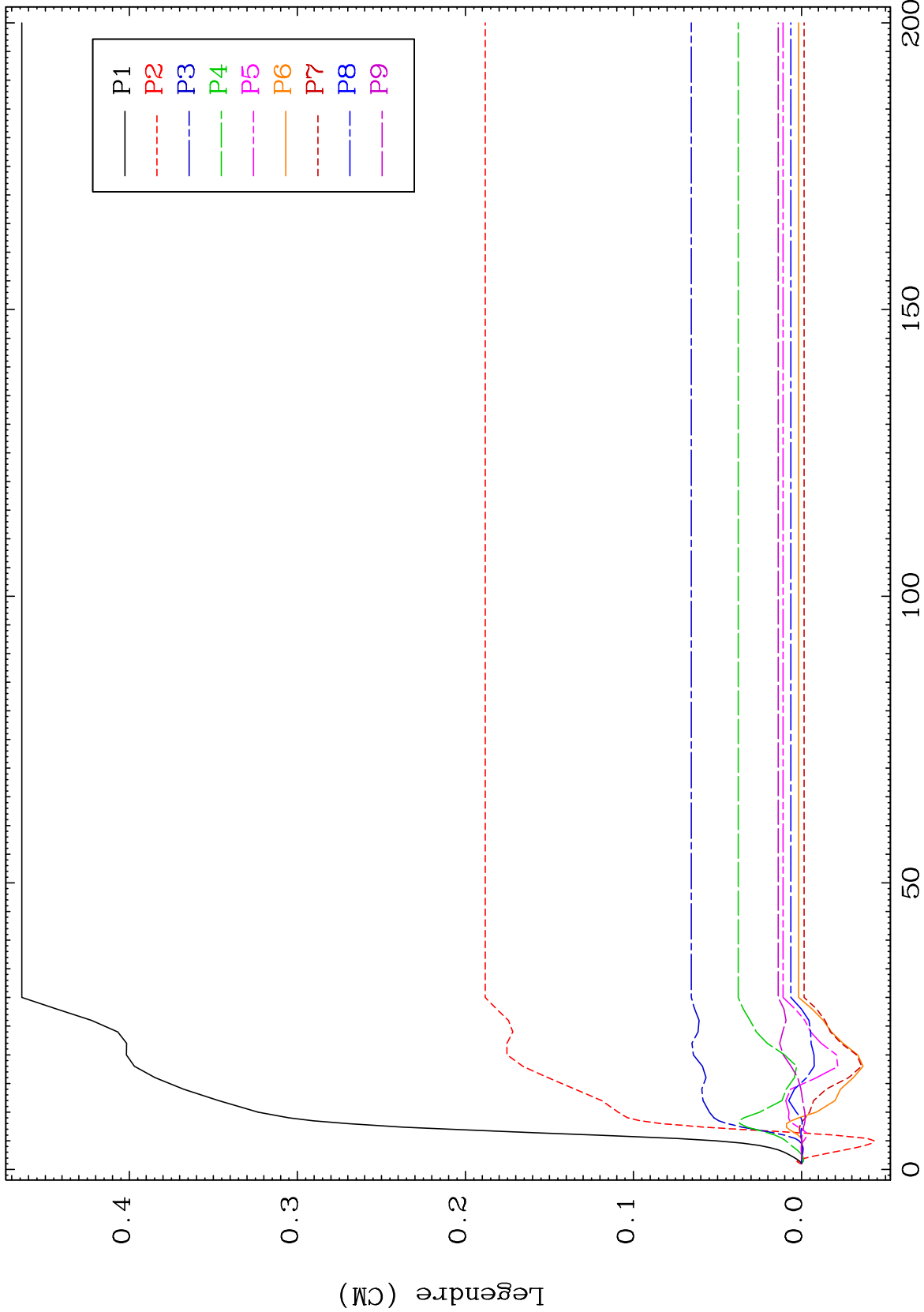


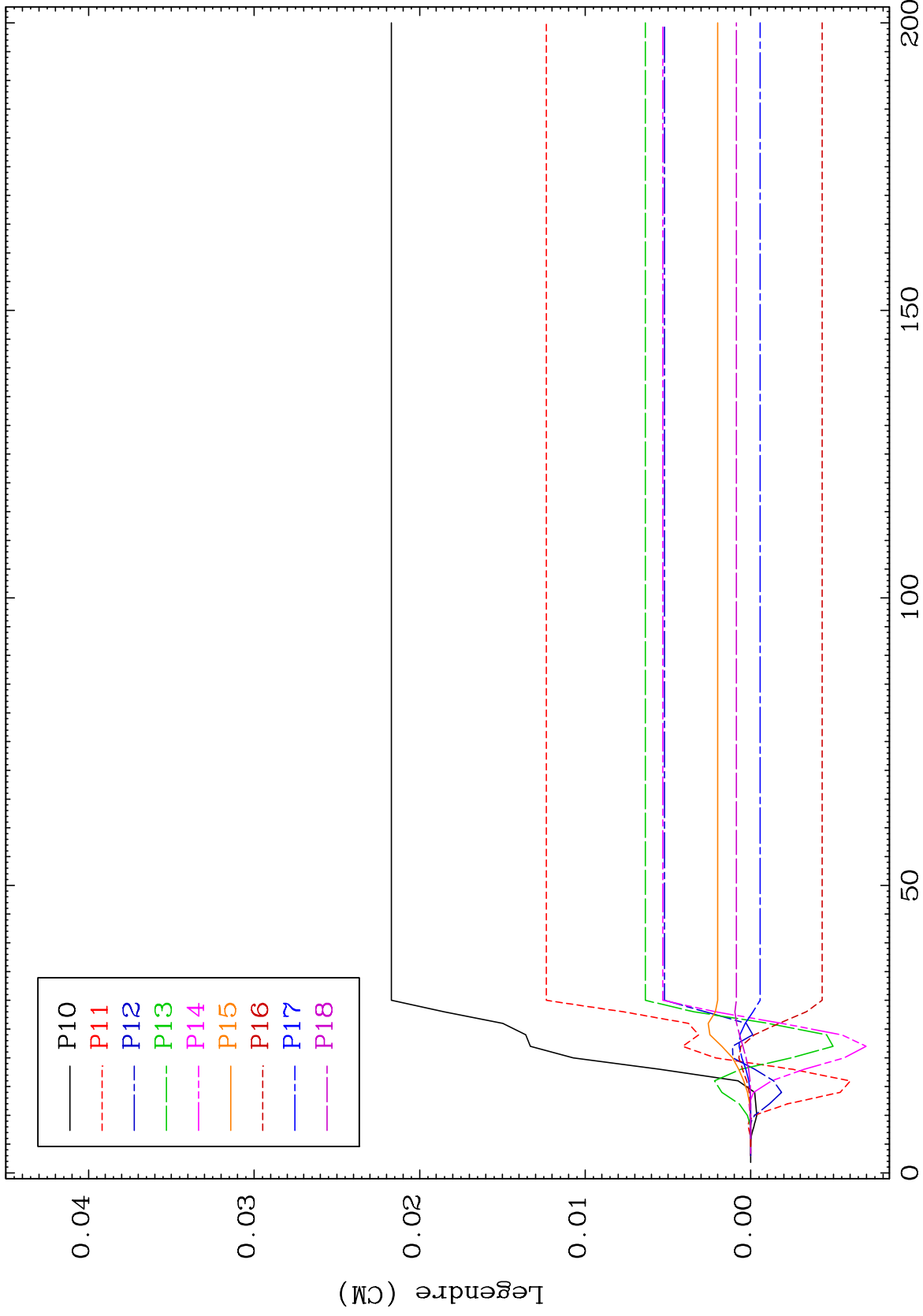


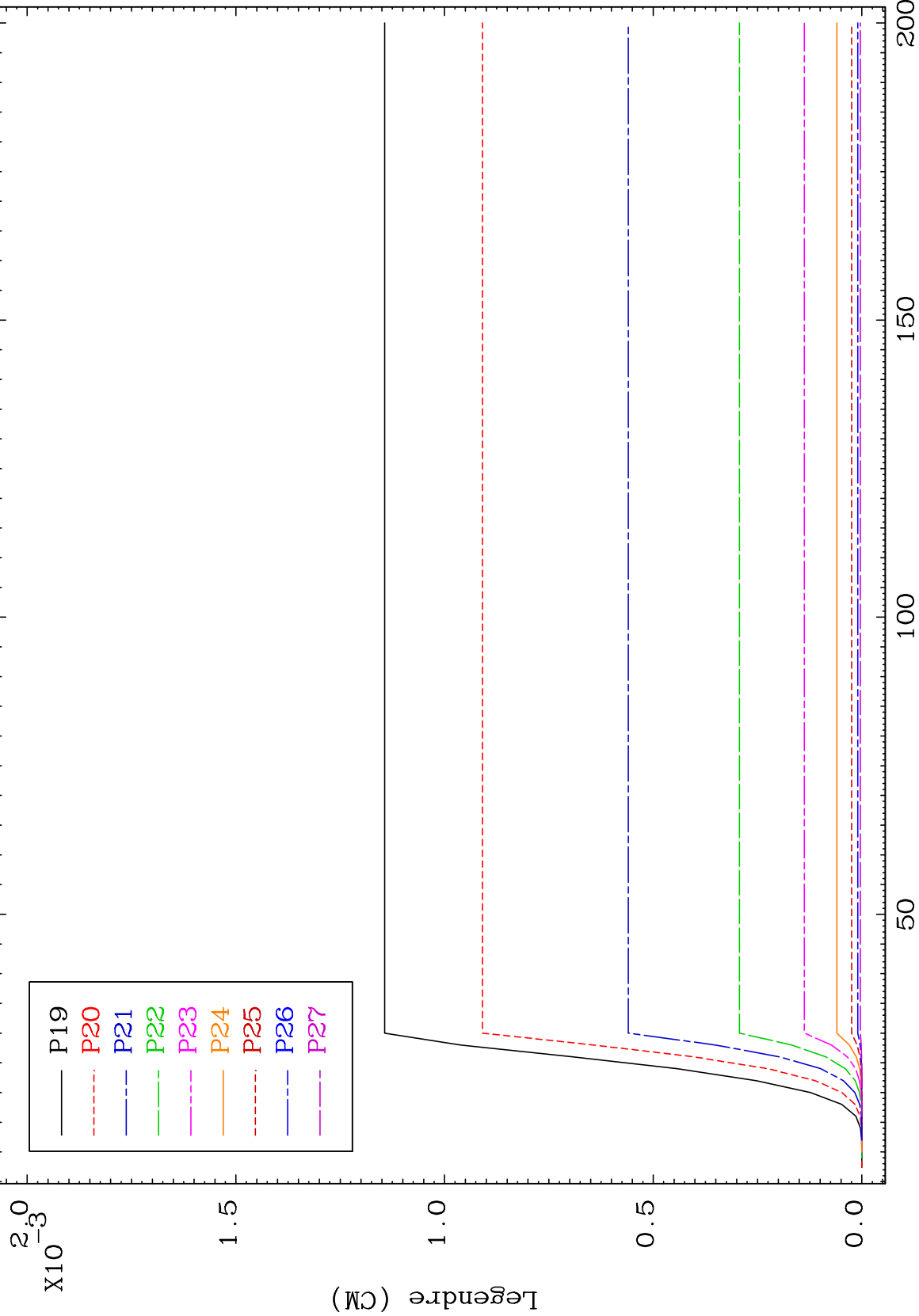


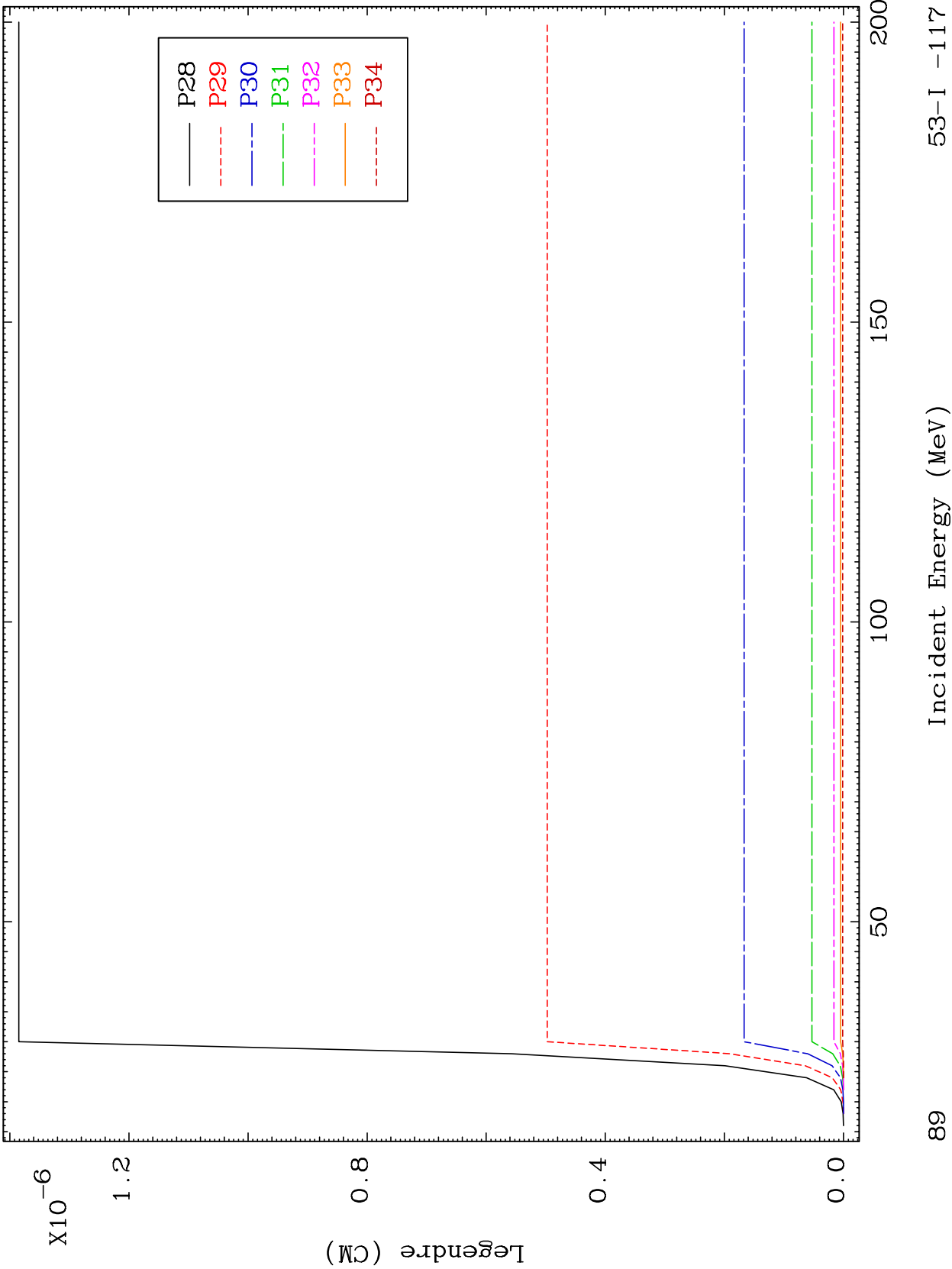


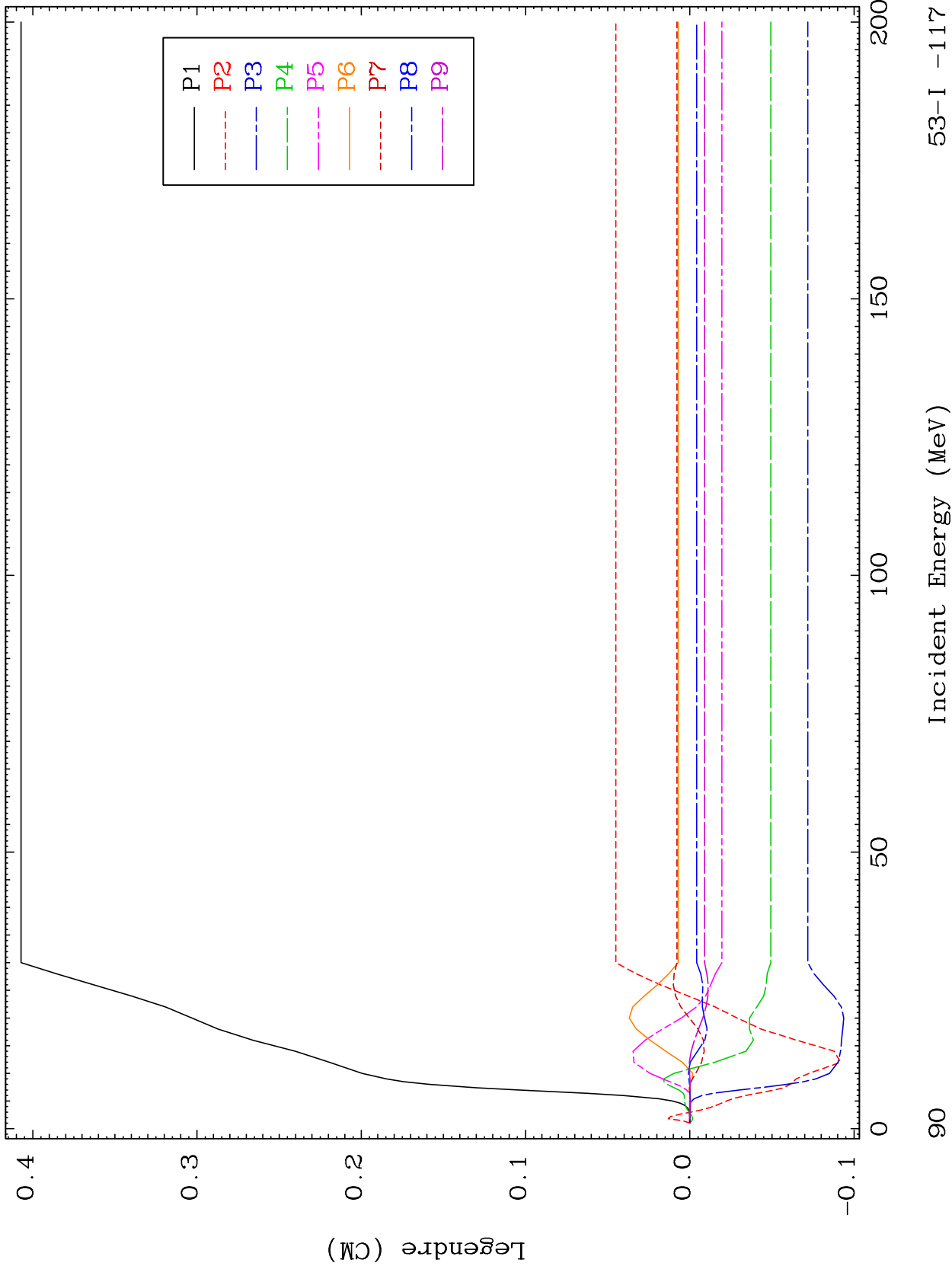








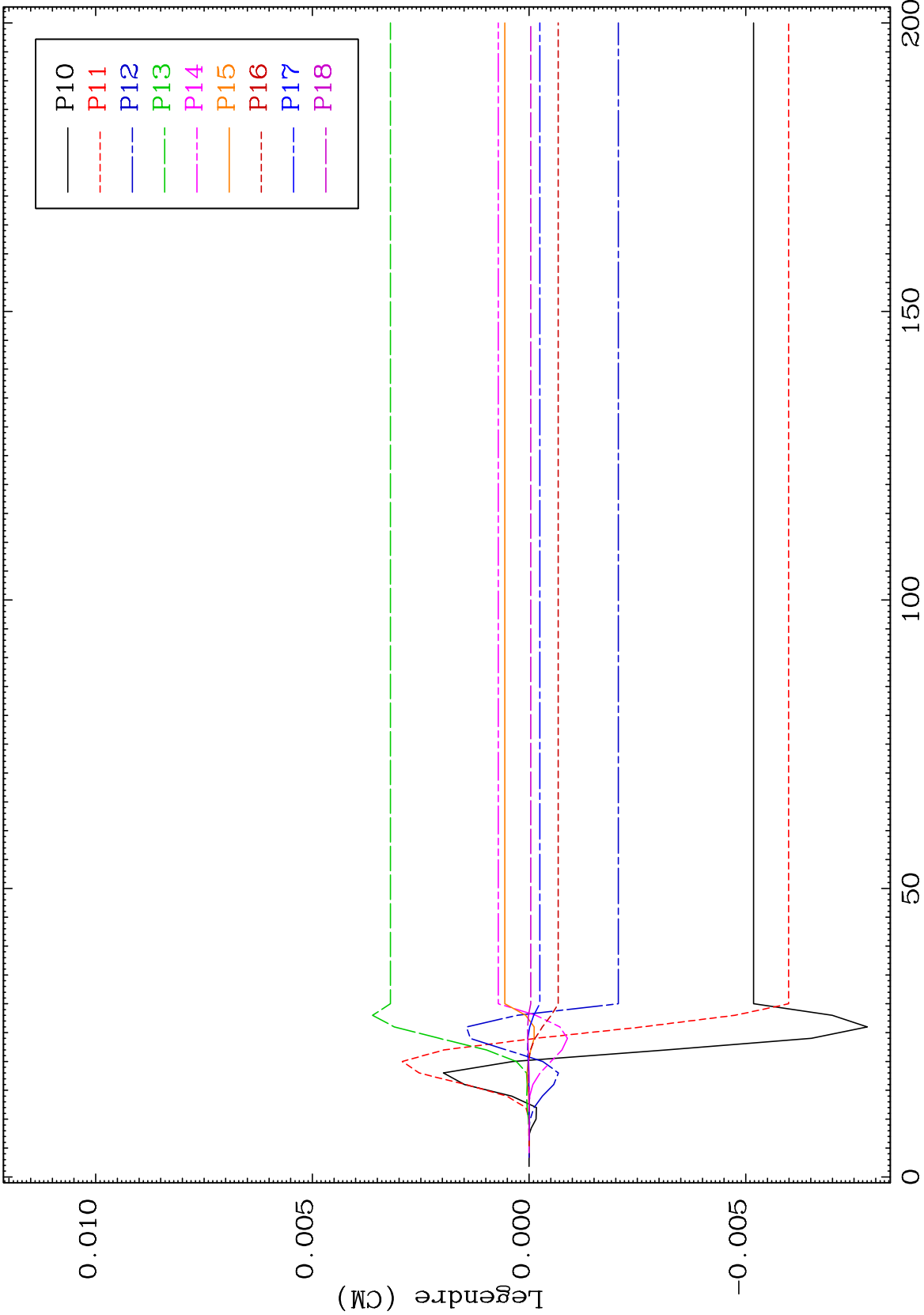




MAT 5295

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

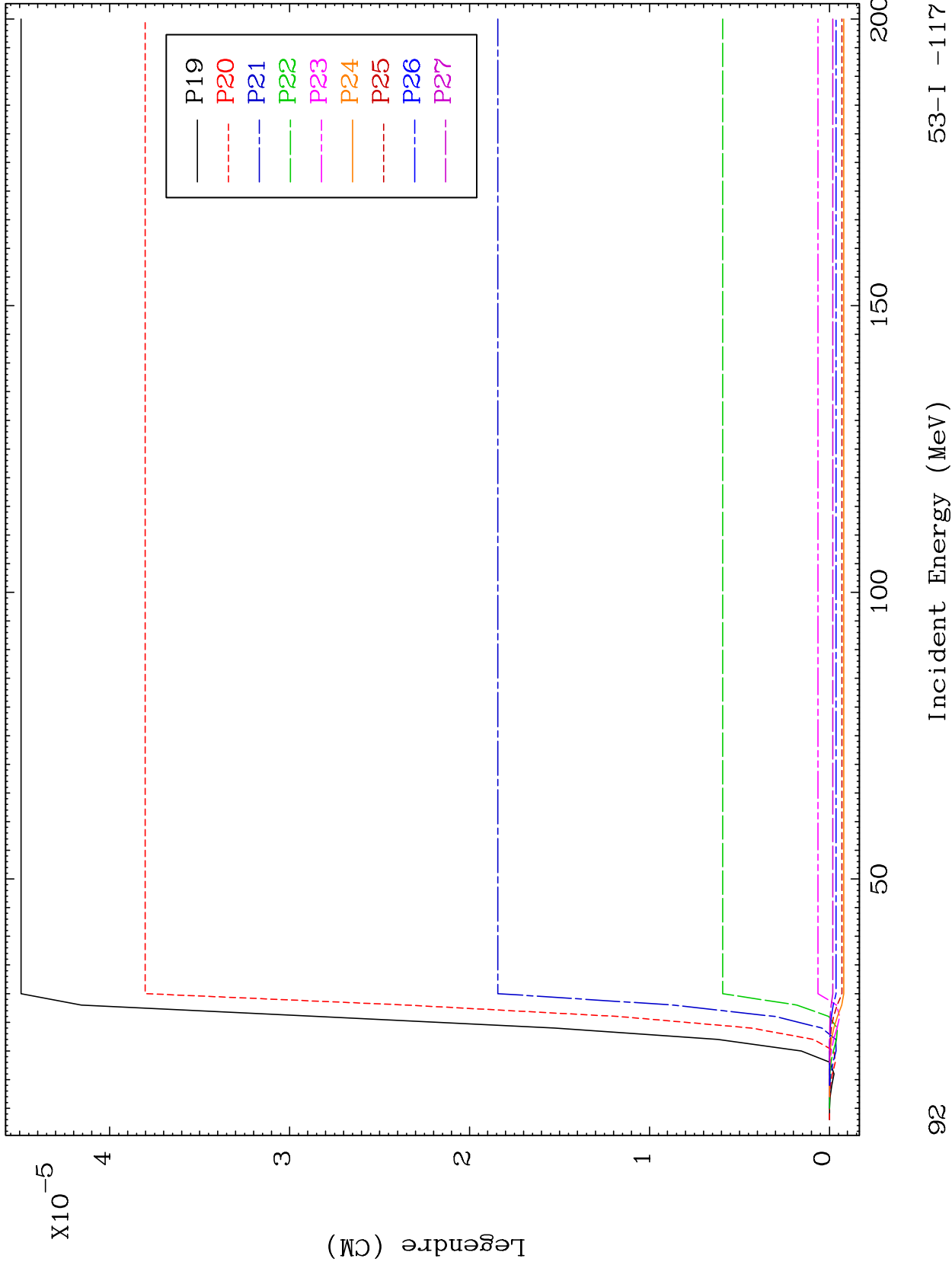
53-I -117



91

Incident Energy (MeV)

53-I -117

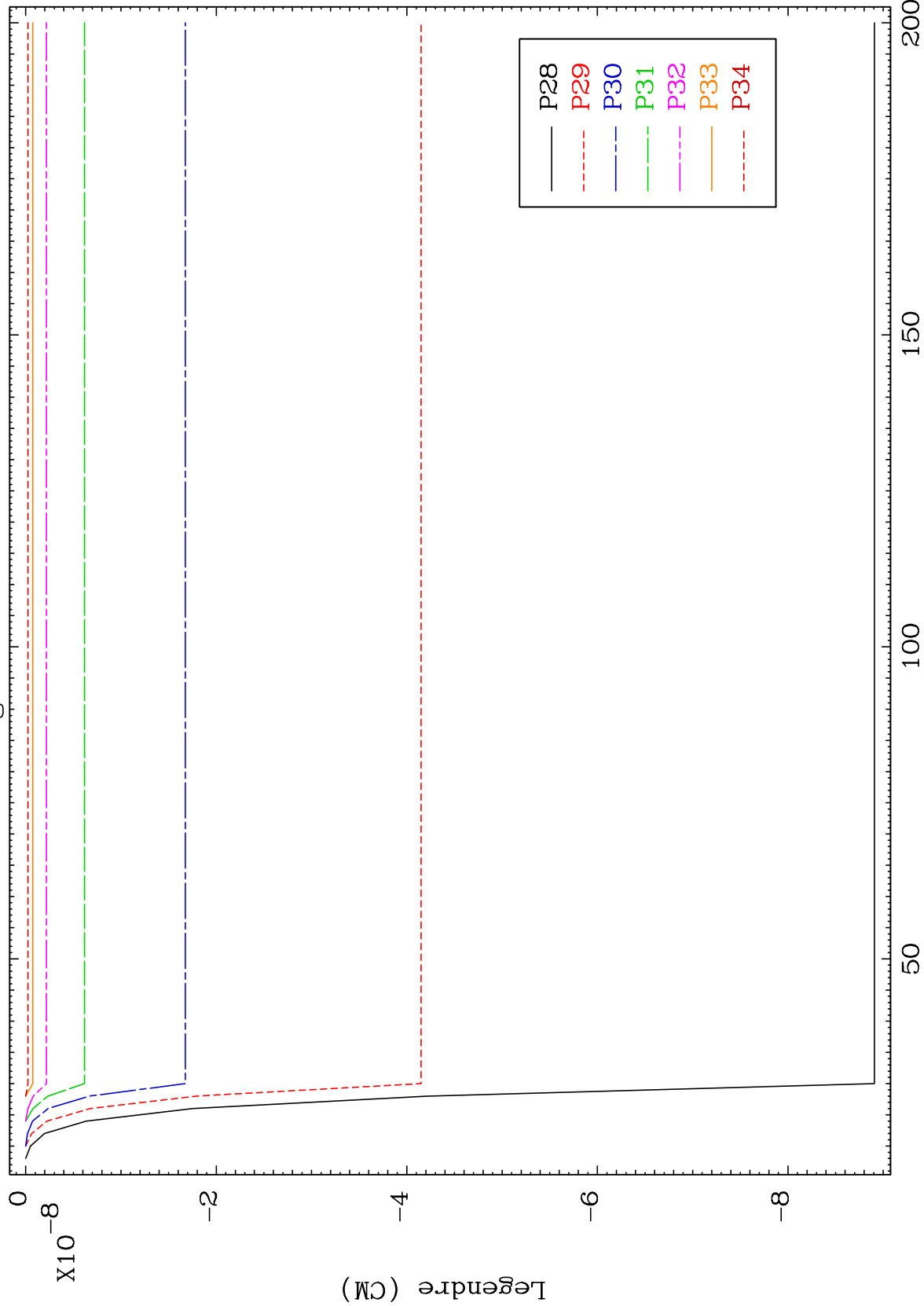


MAT 5295

MT= 68 (n,n') Level

53-I -117

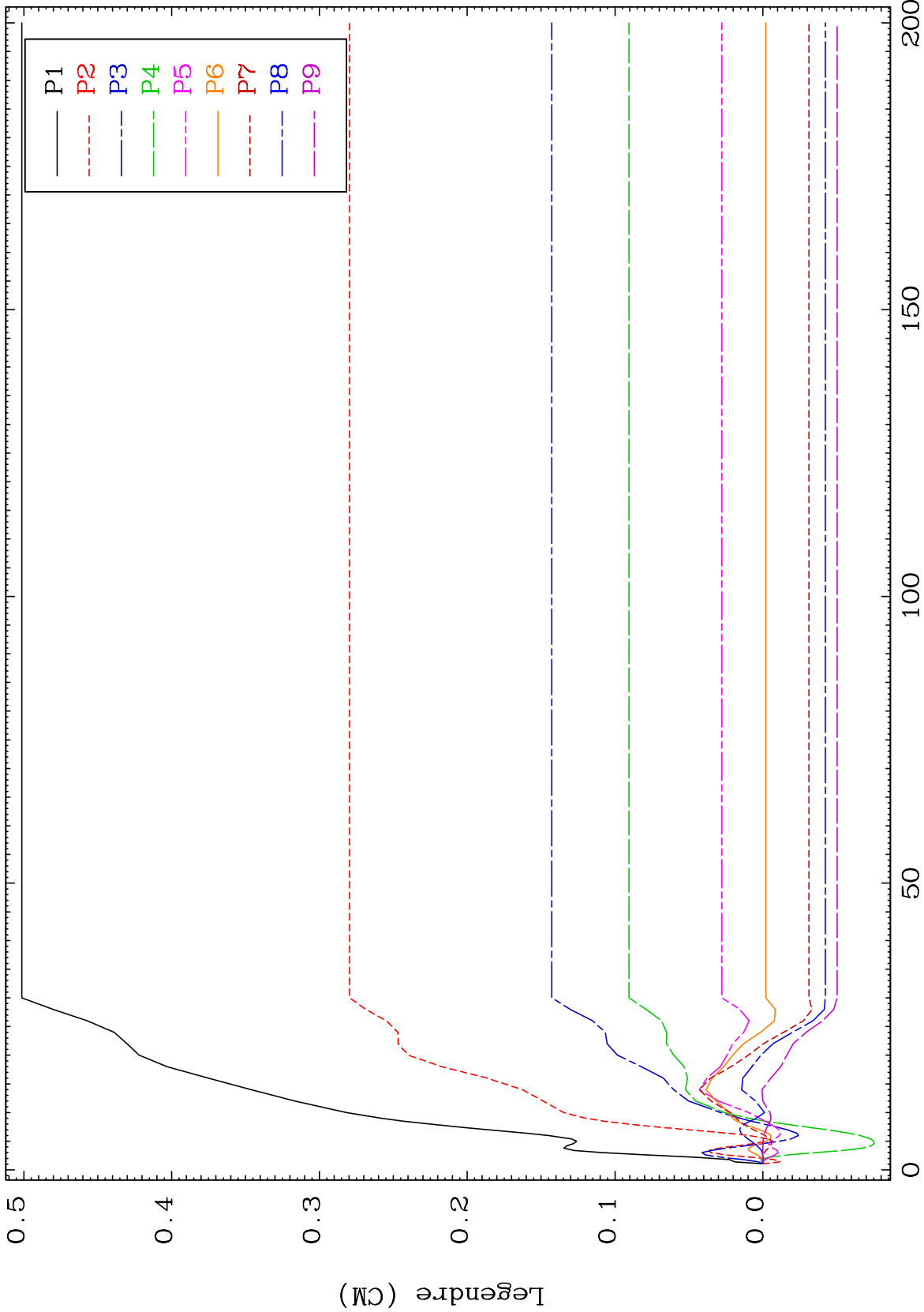
Legendre Coefficients



93

Incident Energy (MeV)

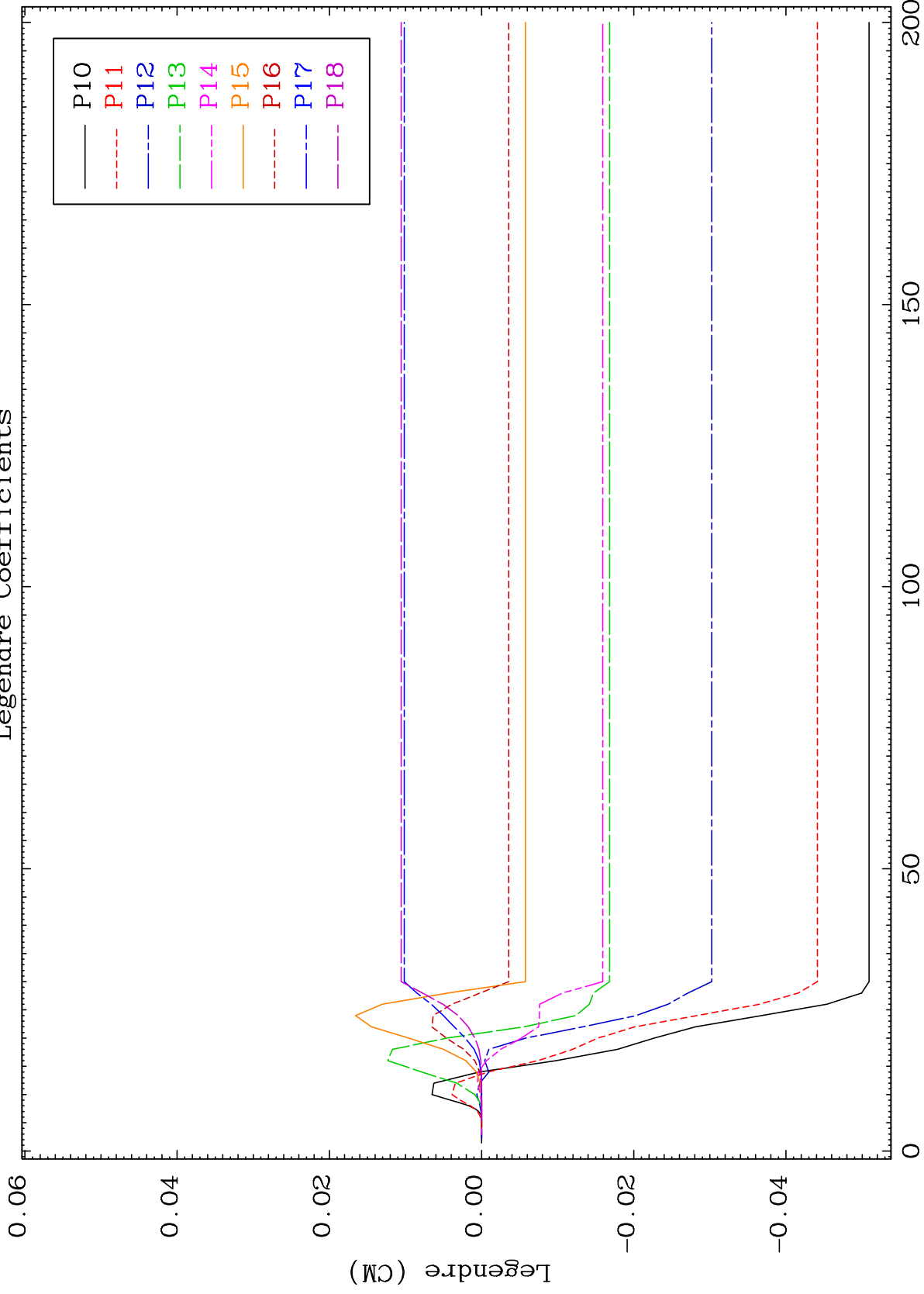
53-I -117



MAT 5295

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

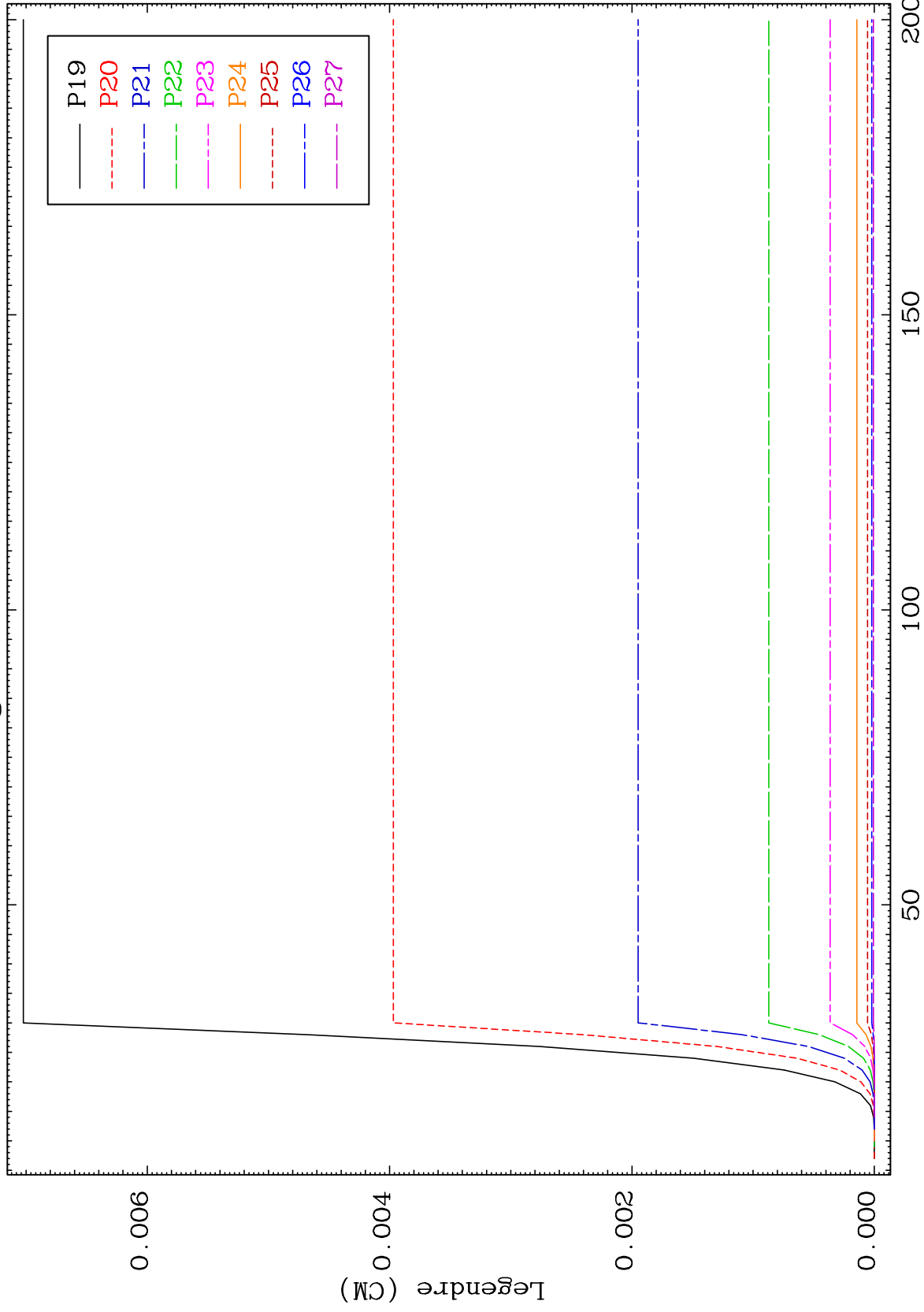
53-I -117

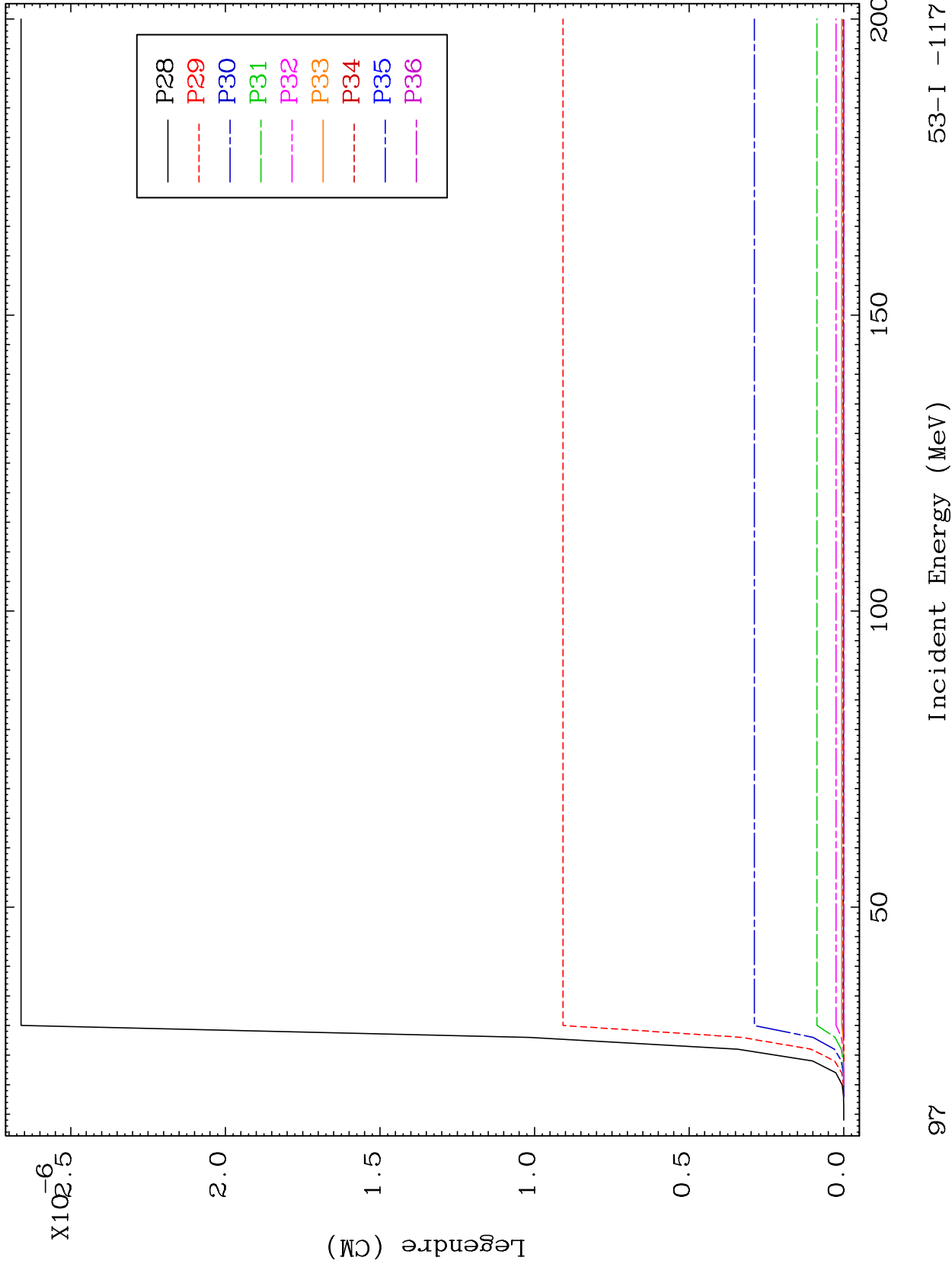


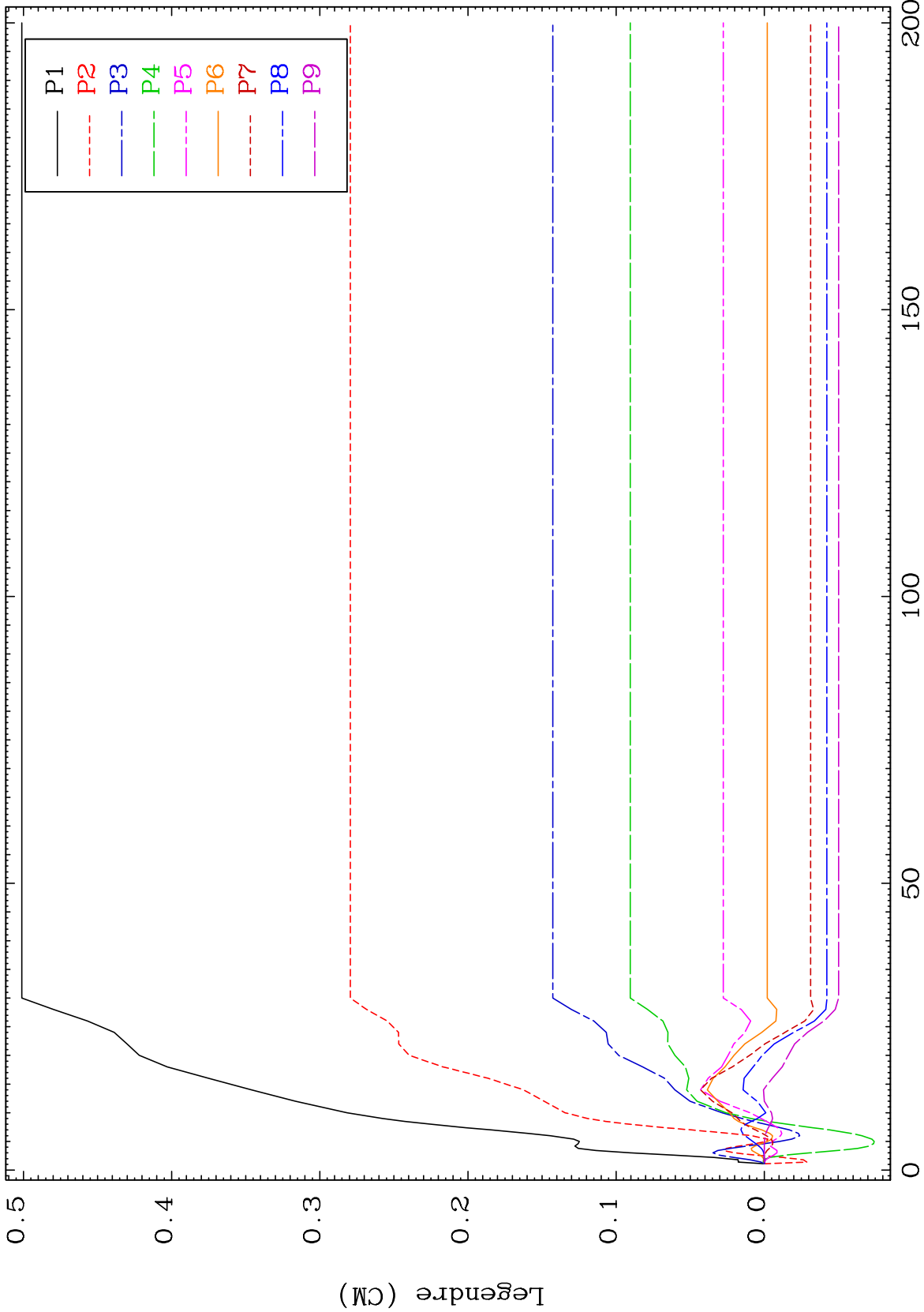
95

Incident Energy (MeV)

53-I -117



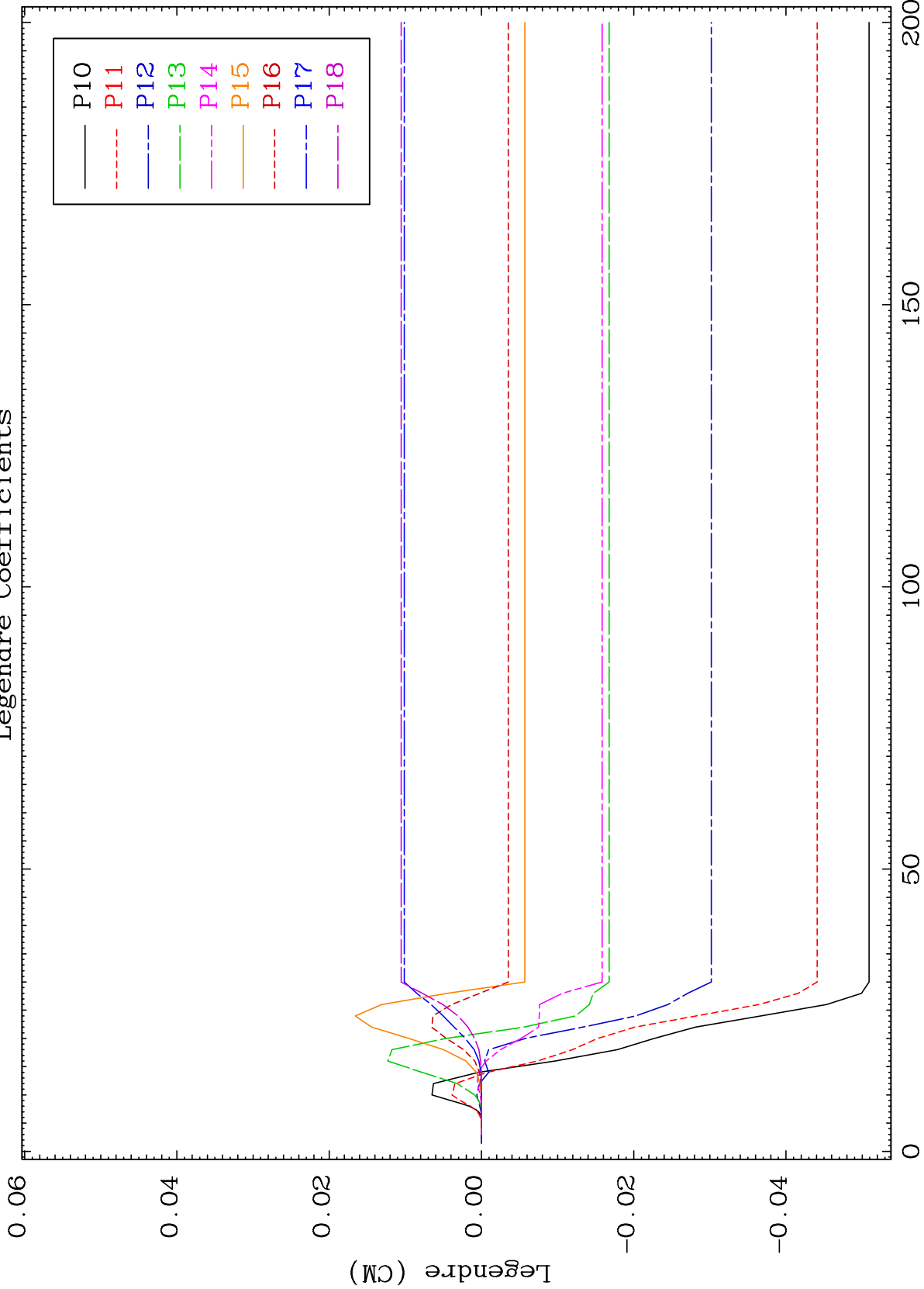




MAT 5295

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

53-I -117



99

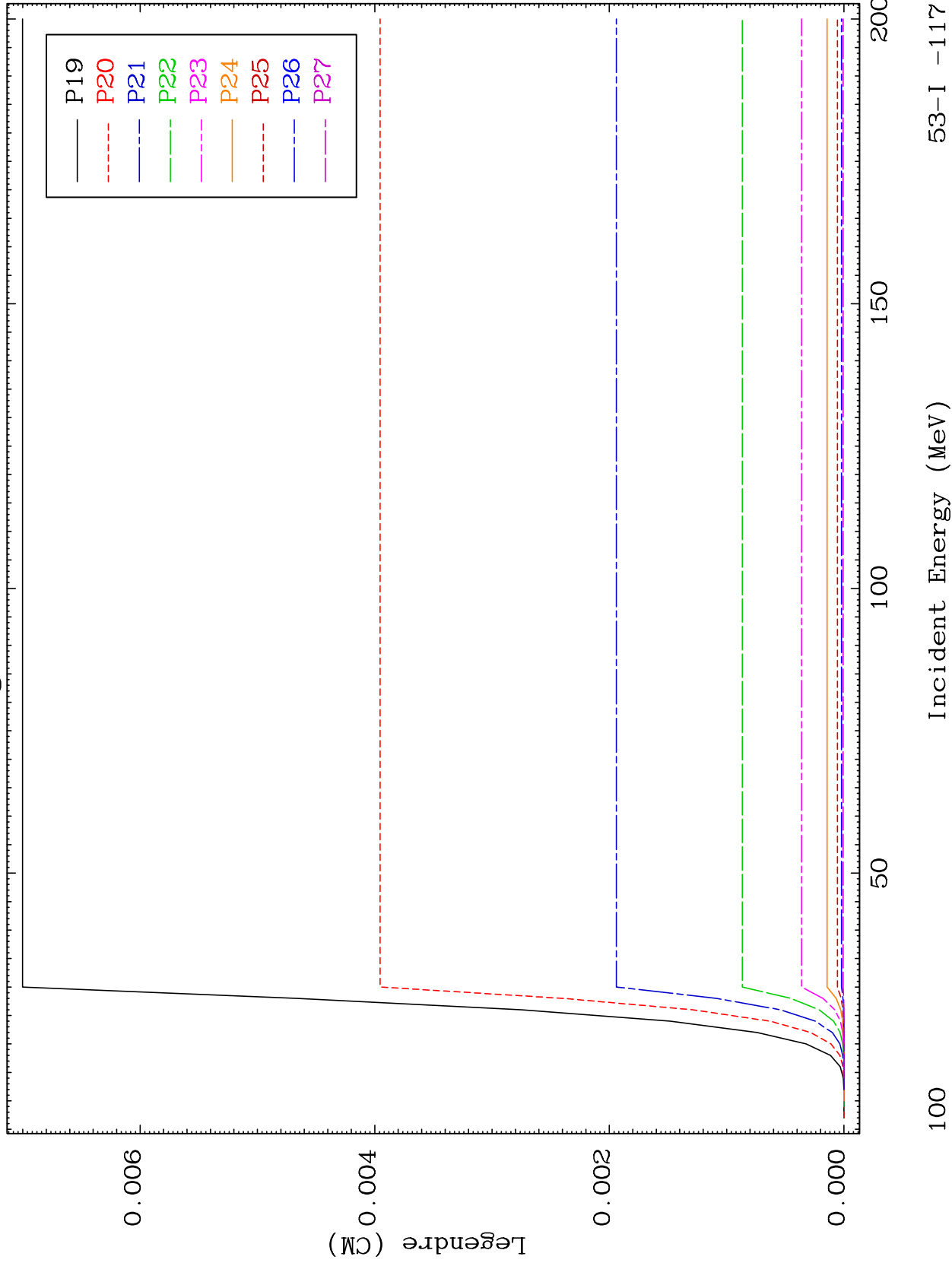
Incident Energy (MeV)

53-I -117

MAT 5295

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

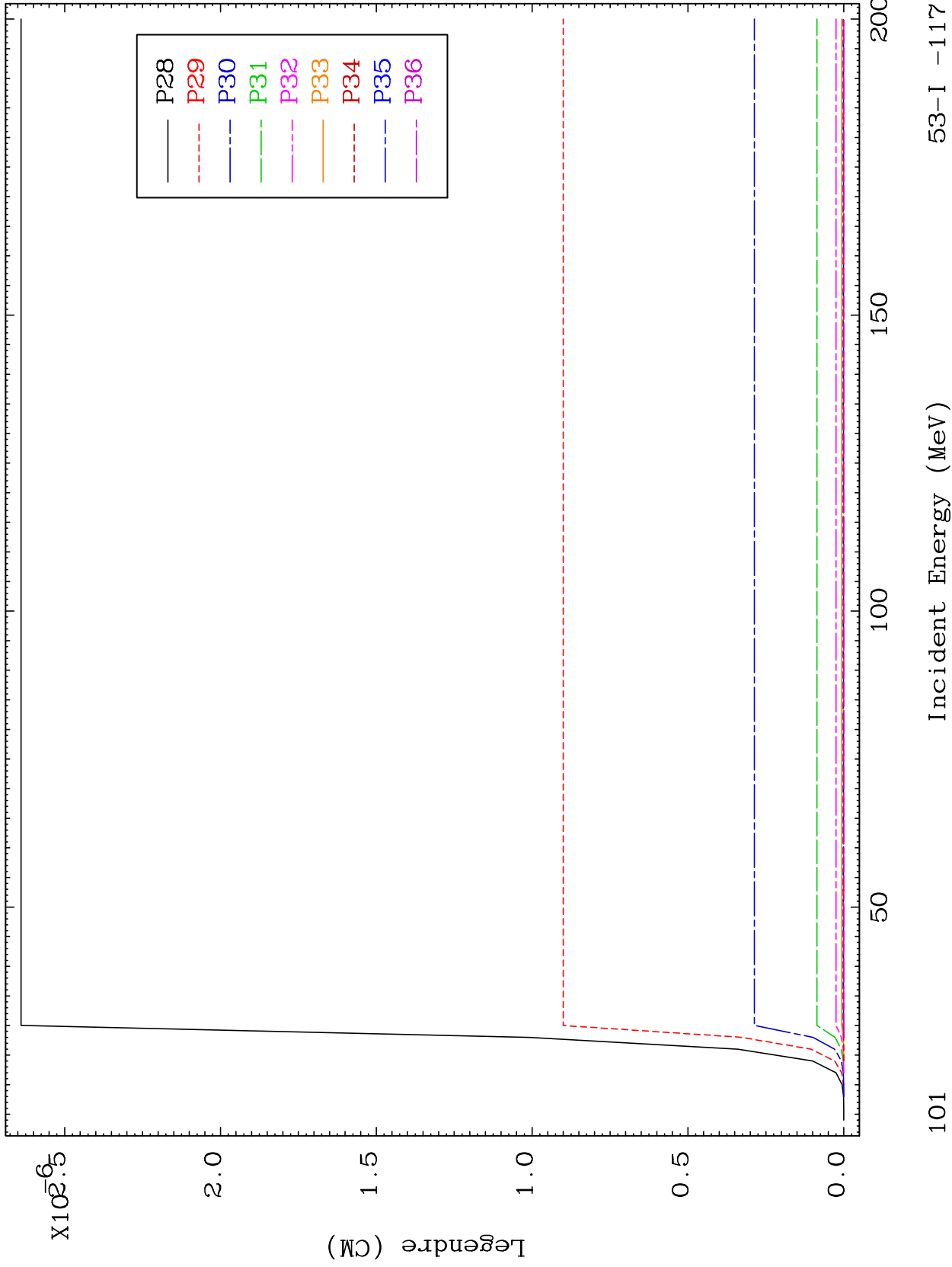
53-I -117



53-I -117

Incident Energy (MeV)

100

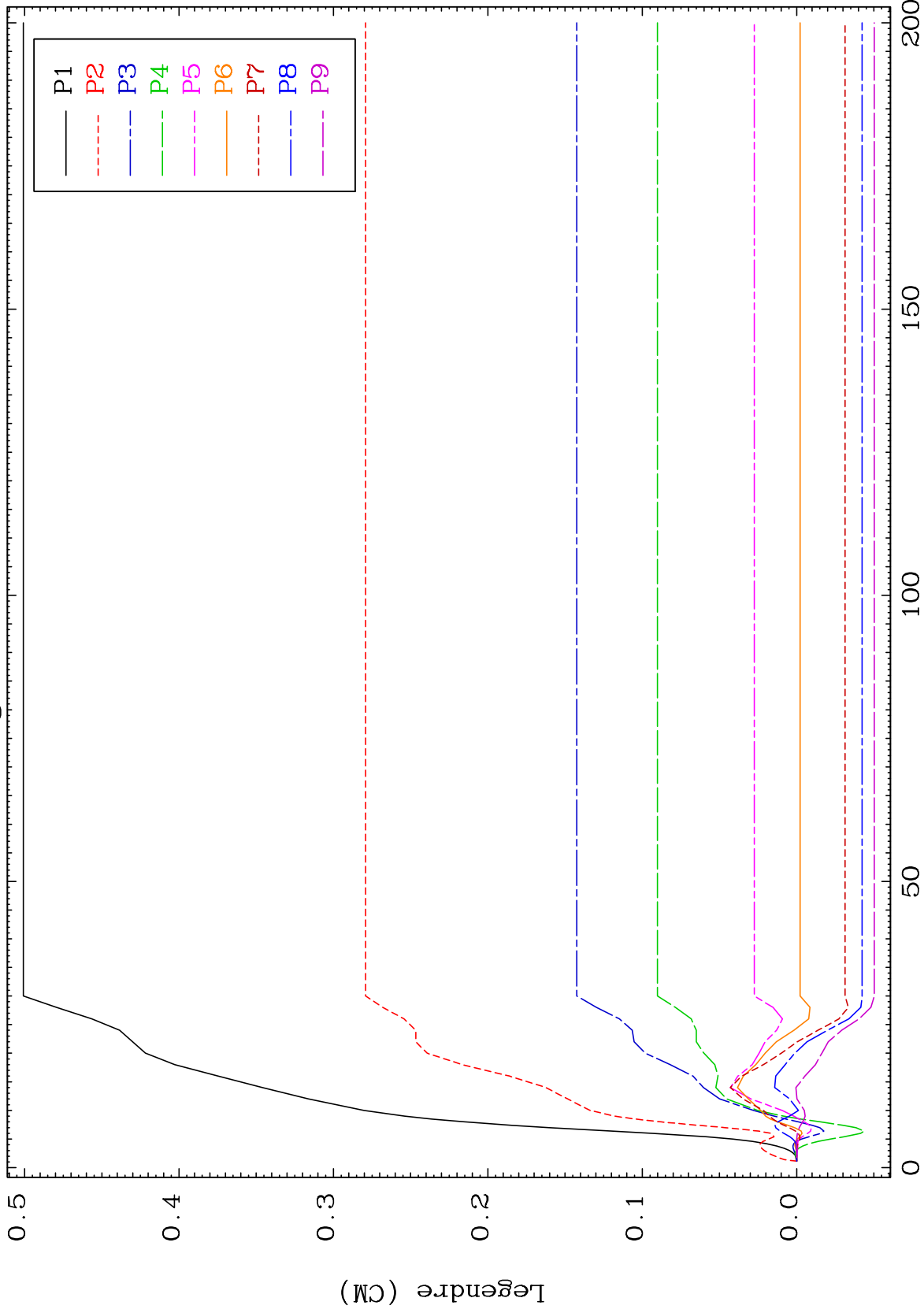


MAT 5295

MT= 71 (n,n') Level

53-I -117

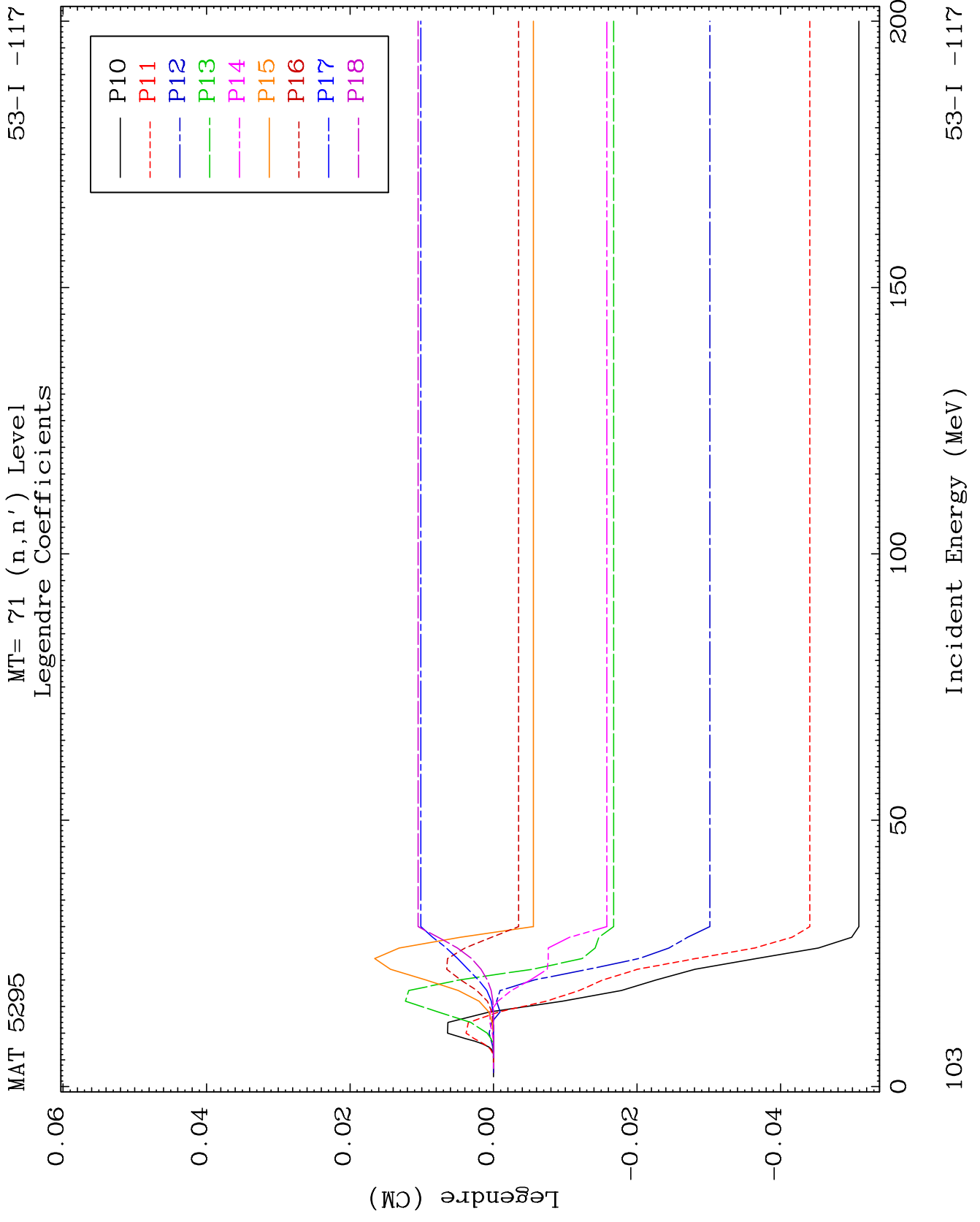
Legendre Coefficients



102

Incident Energy (MeV)

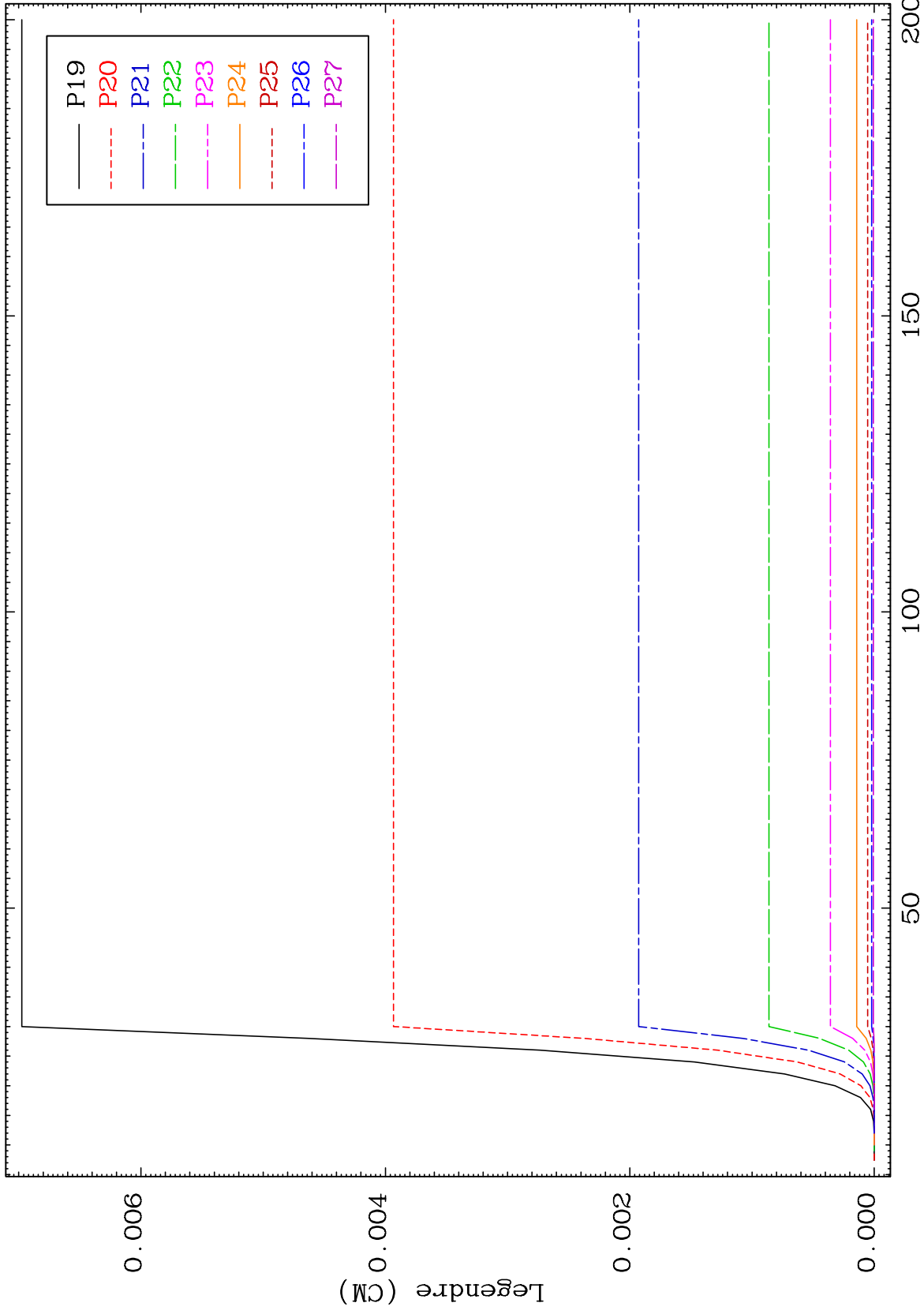
53-I -117



MAT 5295

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

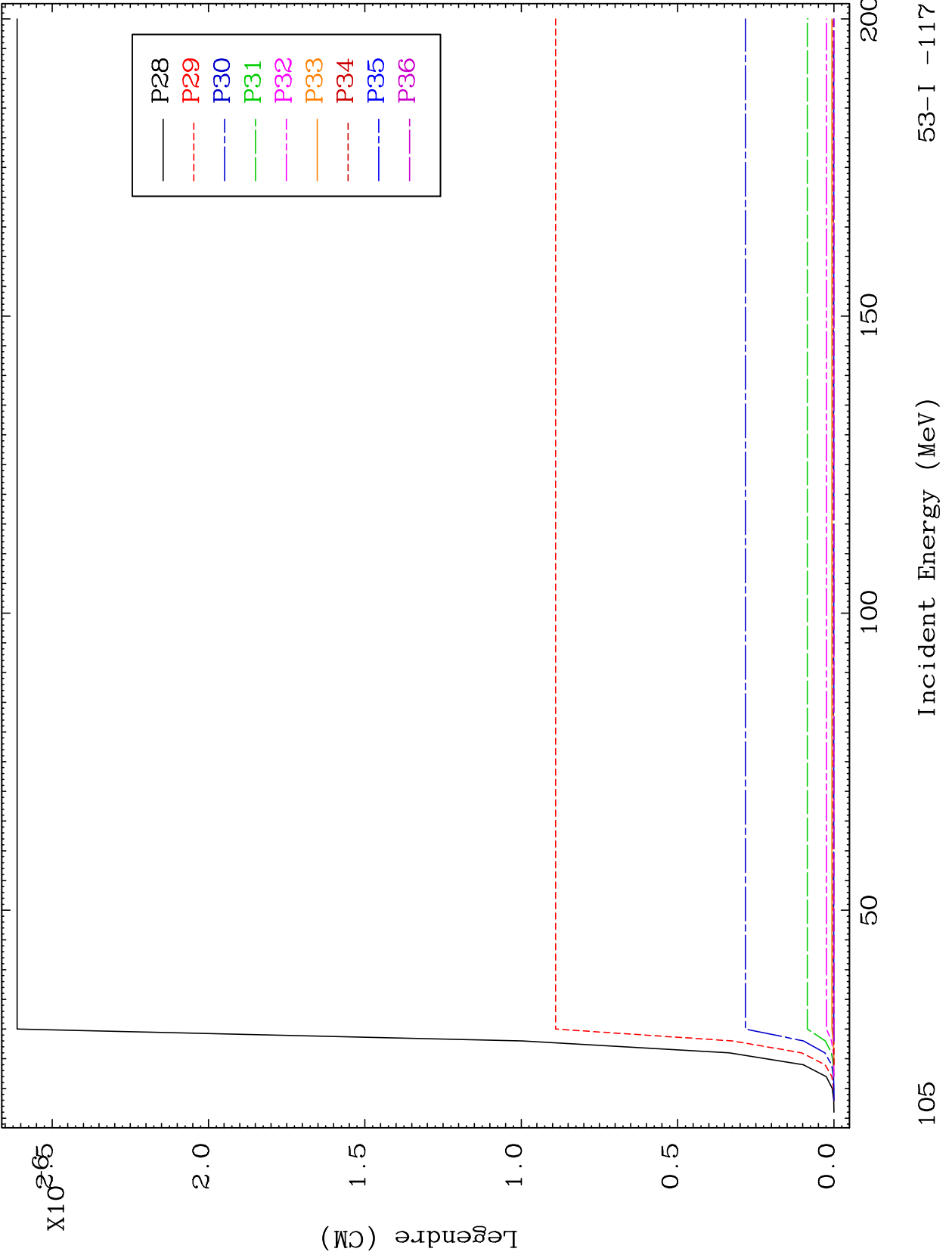
53-I -117



104

Incident Energy (MeV)

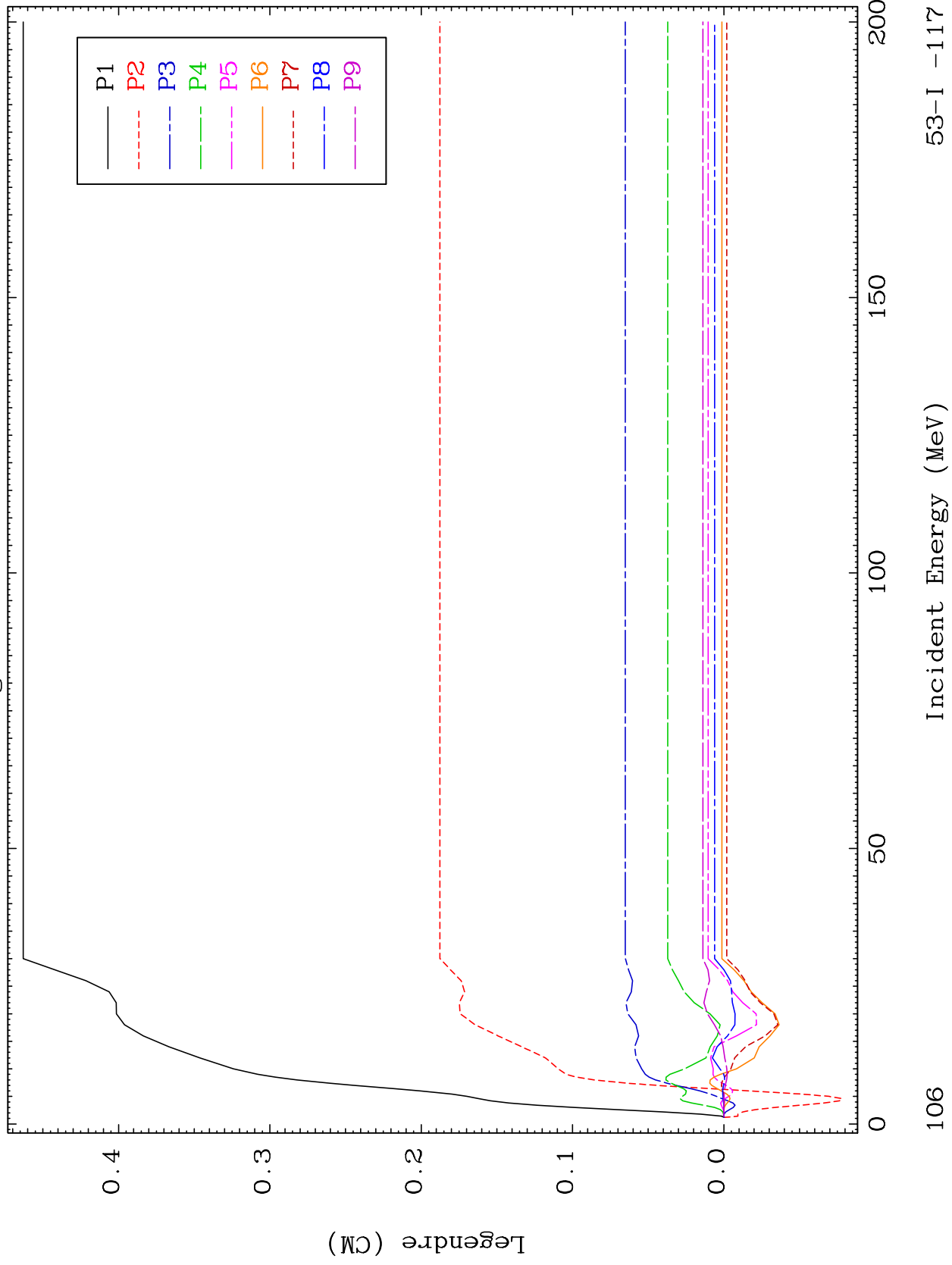
53-I -117



MAT 5295

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

53-I -117



53-I -117

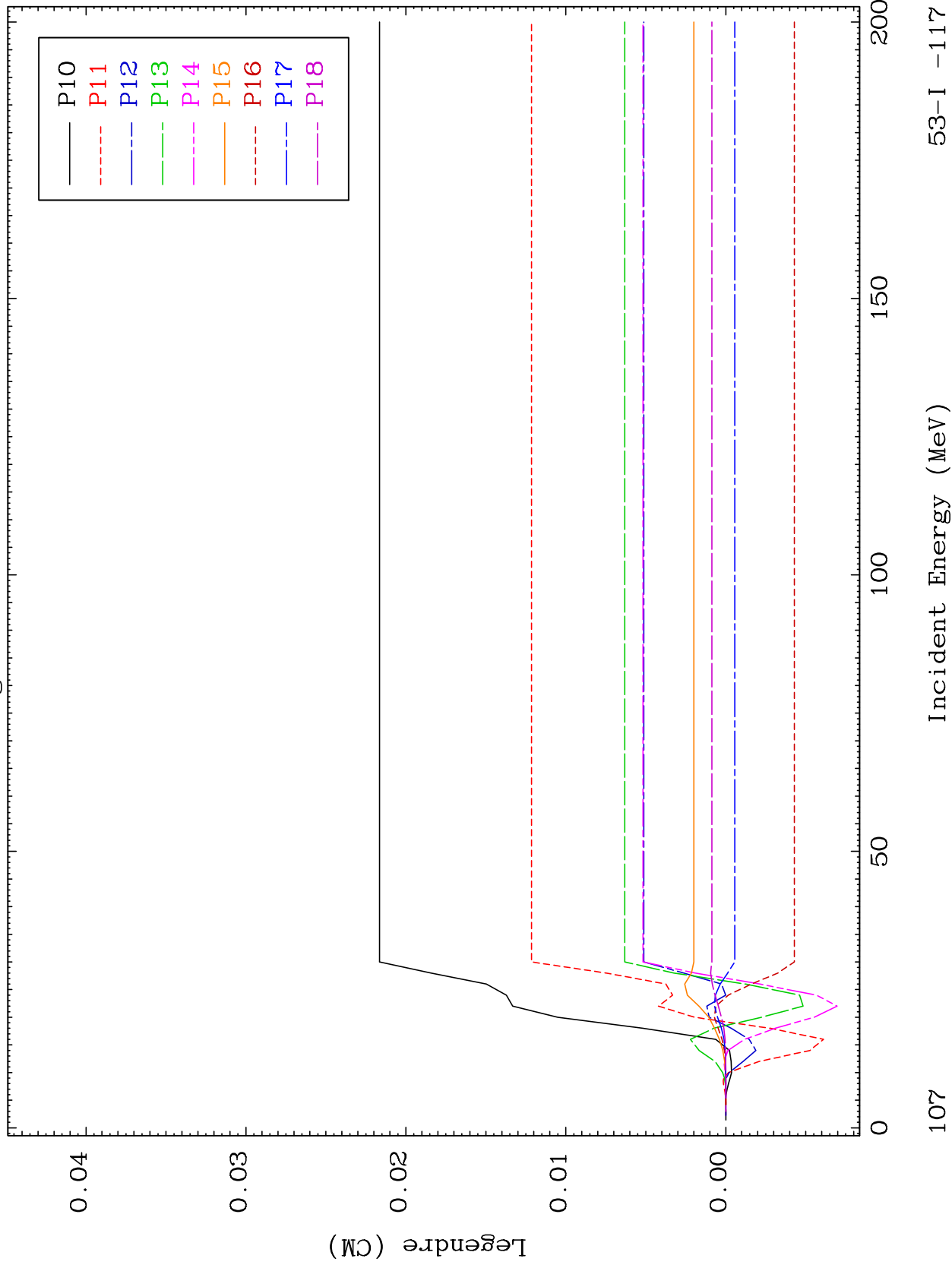
Incident Energy (MeV)

106

MAT 5295

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

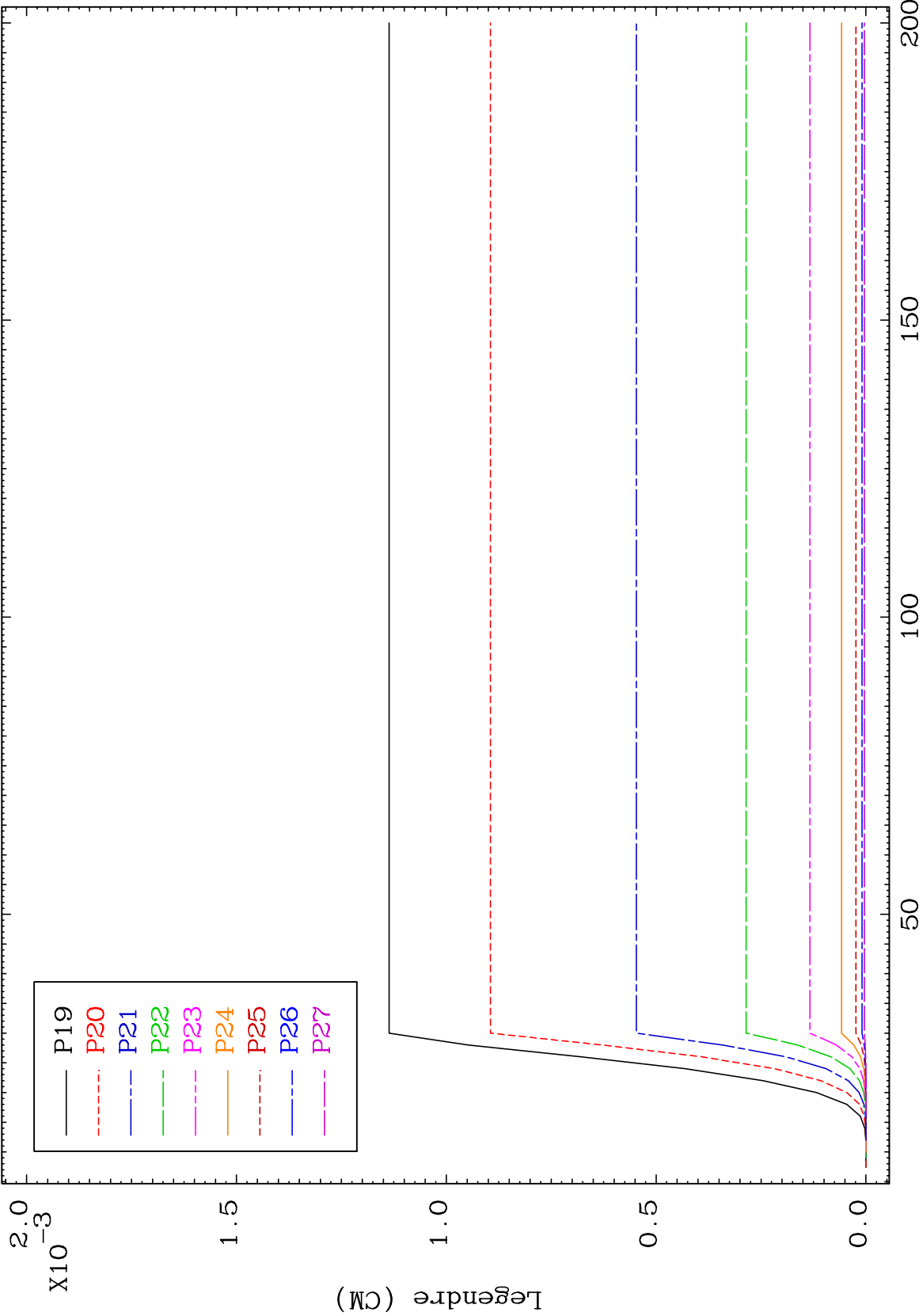
53-I -117



53-I -117

Incident Energy (MeV)

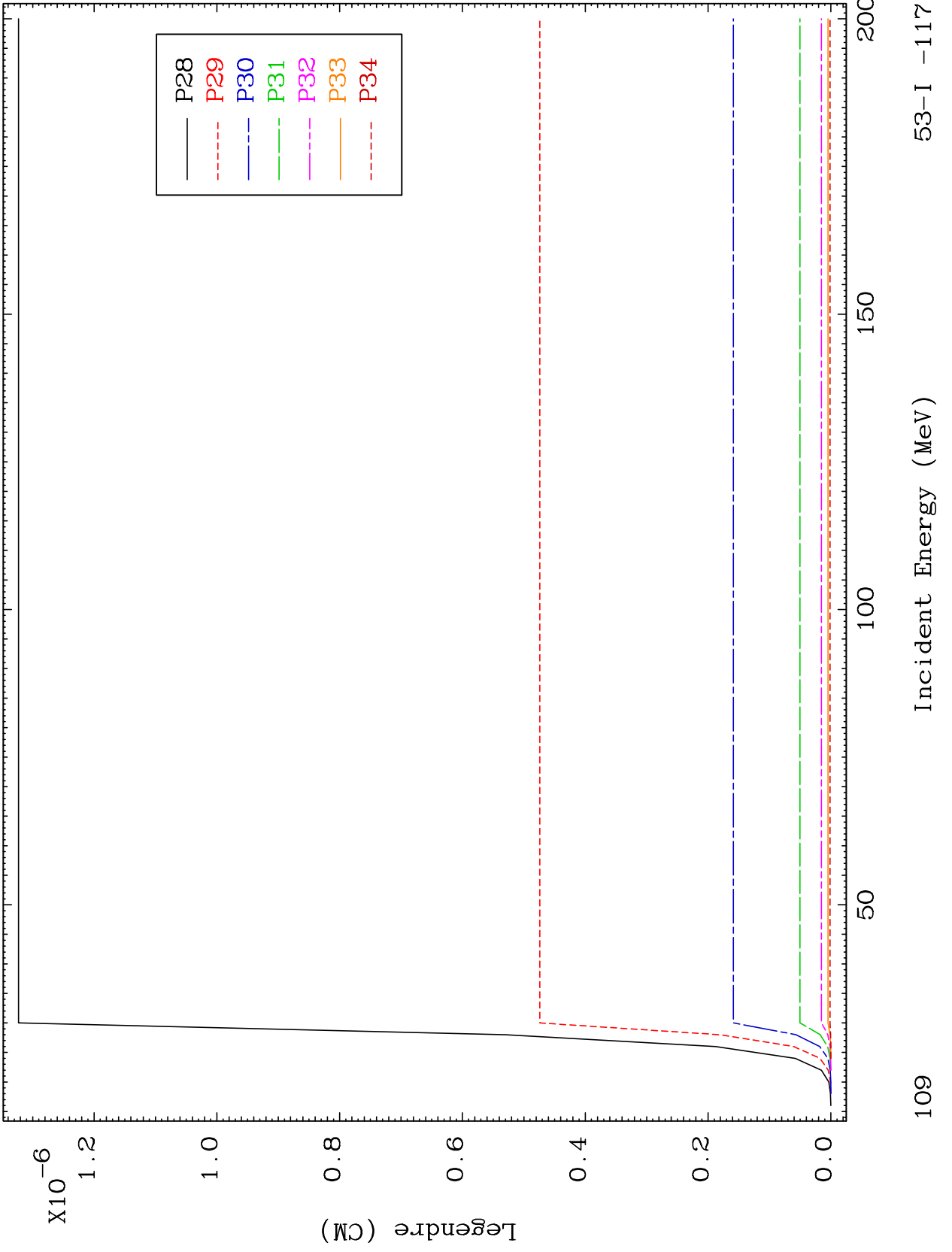
107



MAT 5295

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

53-I -117

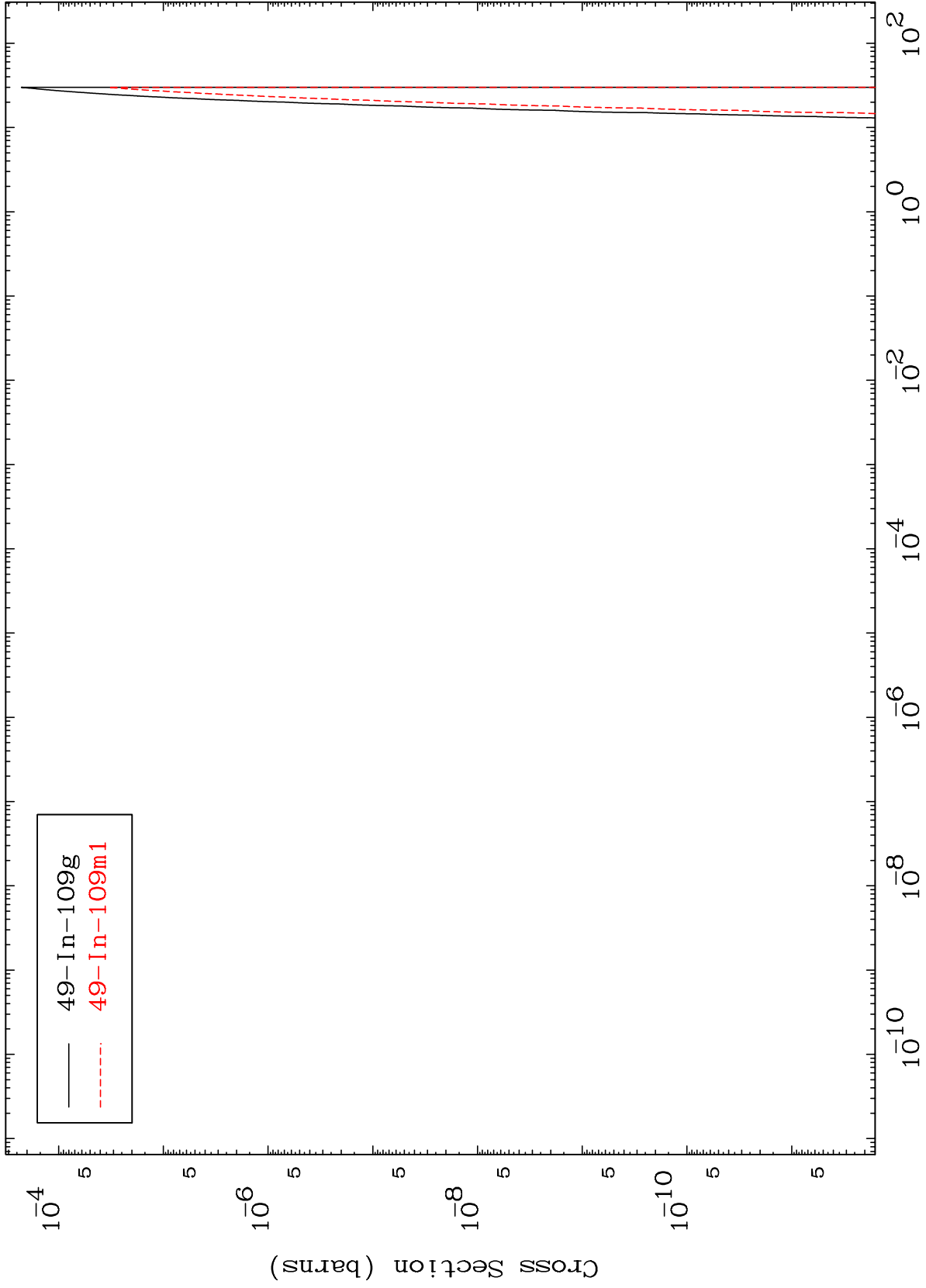


MAT 5295

(n,n') 2α

53-I -117

Radionuclide Production Cross Section



— 49-In-109g
- - - 49-In-109m1

110

Incident Energy (MeV)

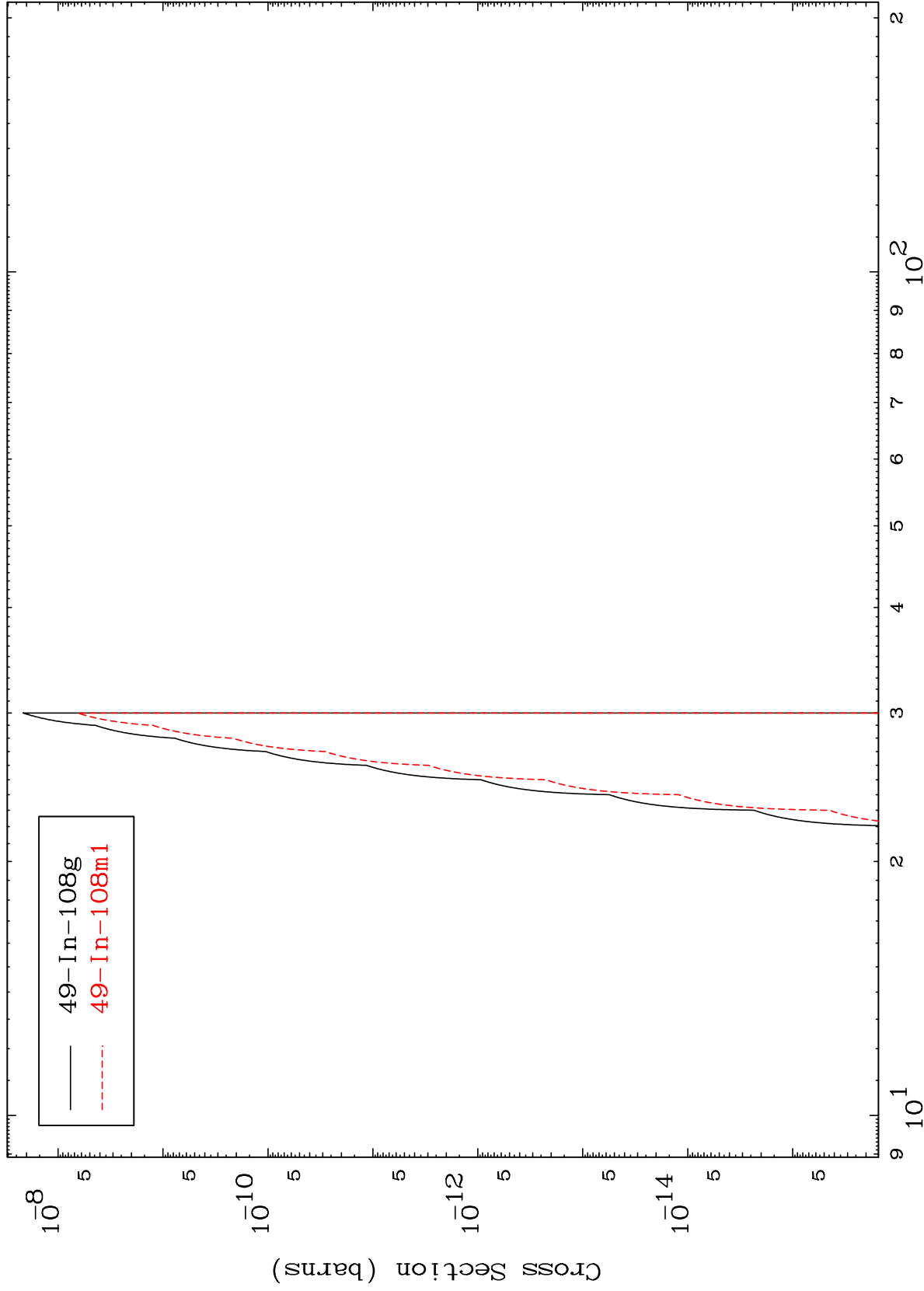
53-I -117

MAT 5295

(n,2n) 2α

53-I -117

Radionuclide Production Cross Section

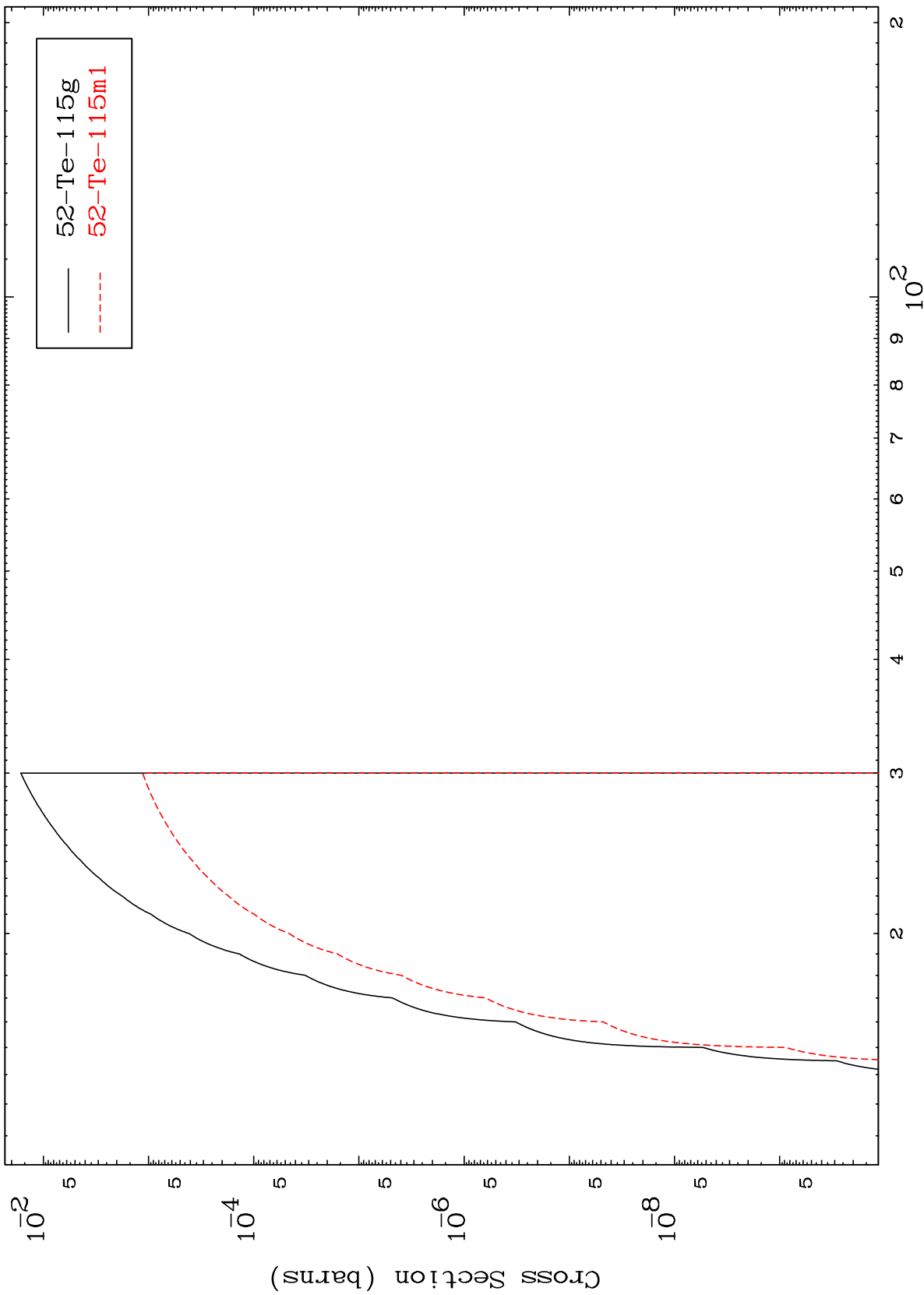


111

Incident Energy (MeV)

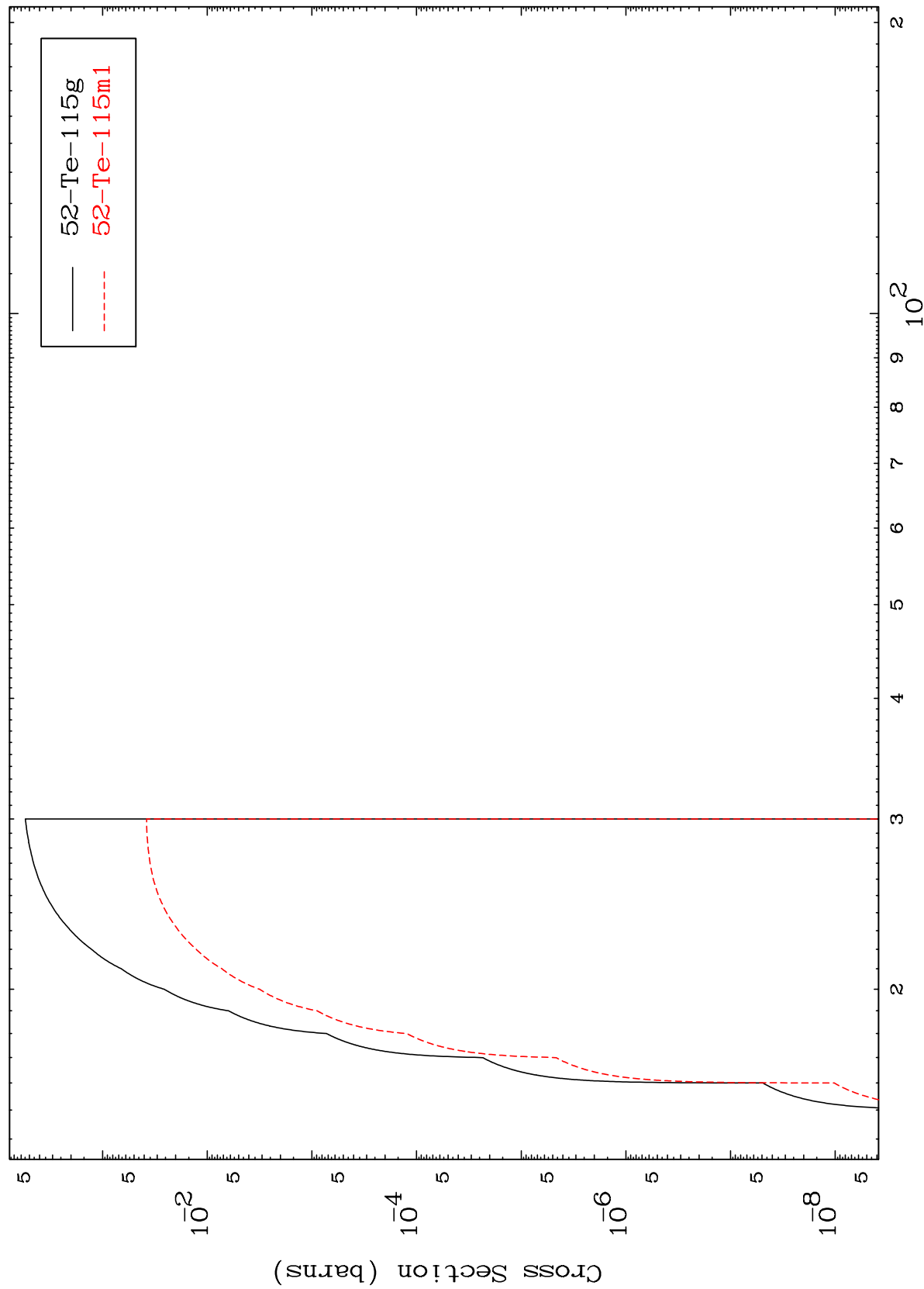
53-I -117

Radionuclide Production Cross Section



52-Te-115g
52-Te-115m1

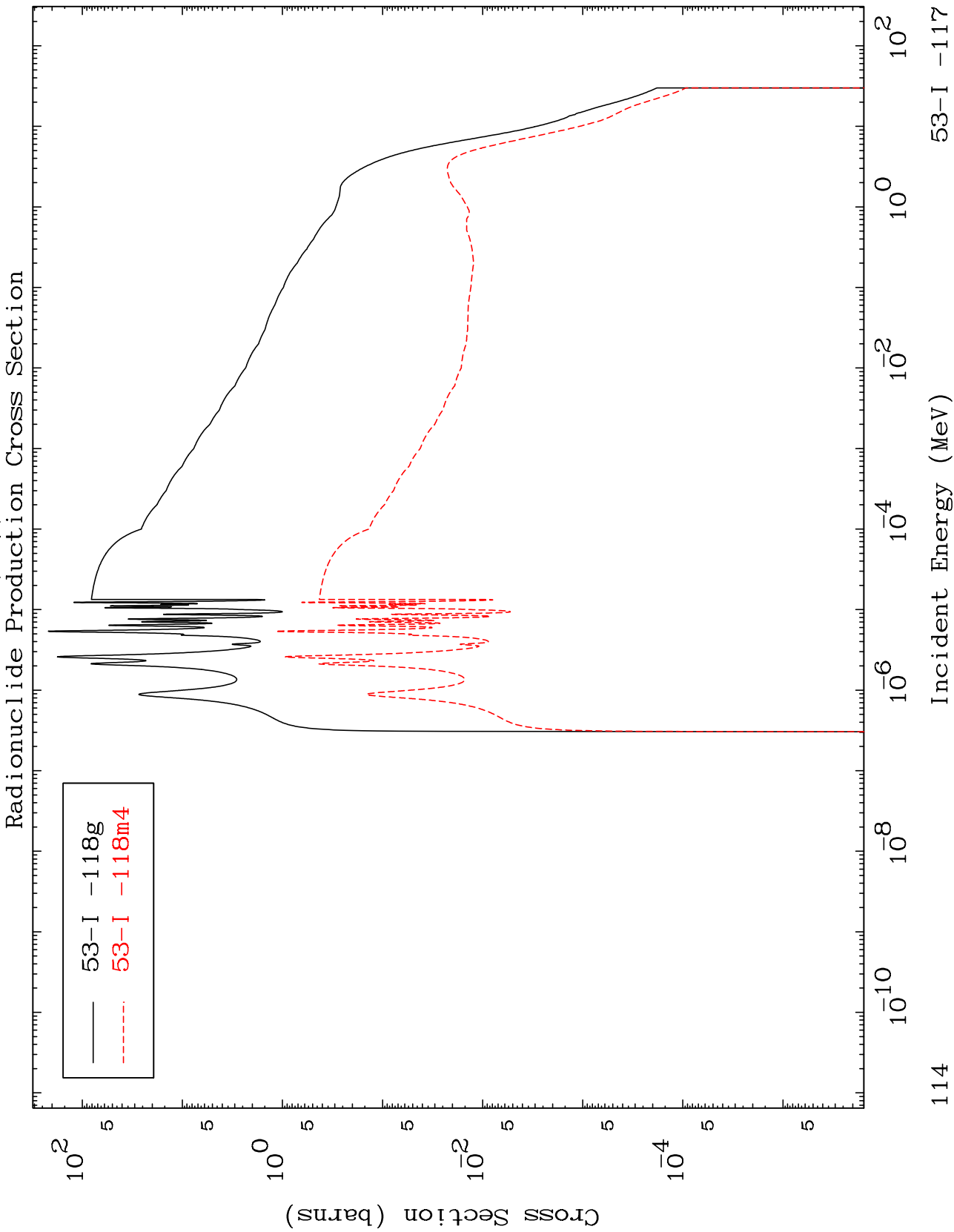
Radionuclide Production Cross Section



52-Te-115g
52-Te-115m1

MAT 5295

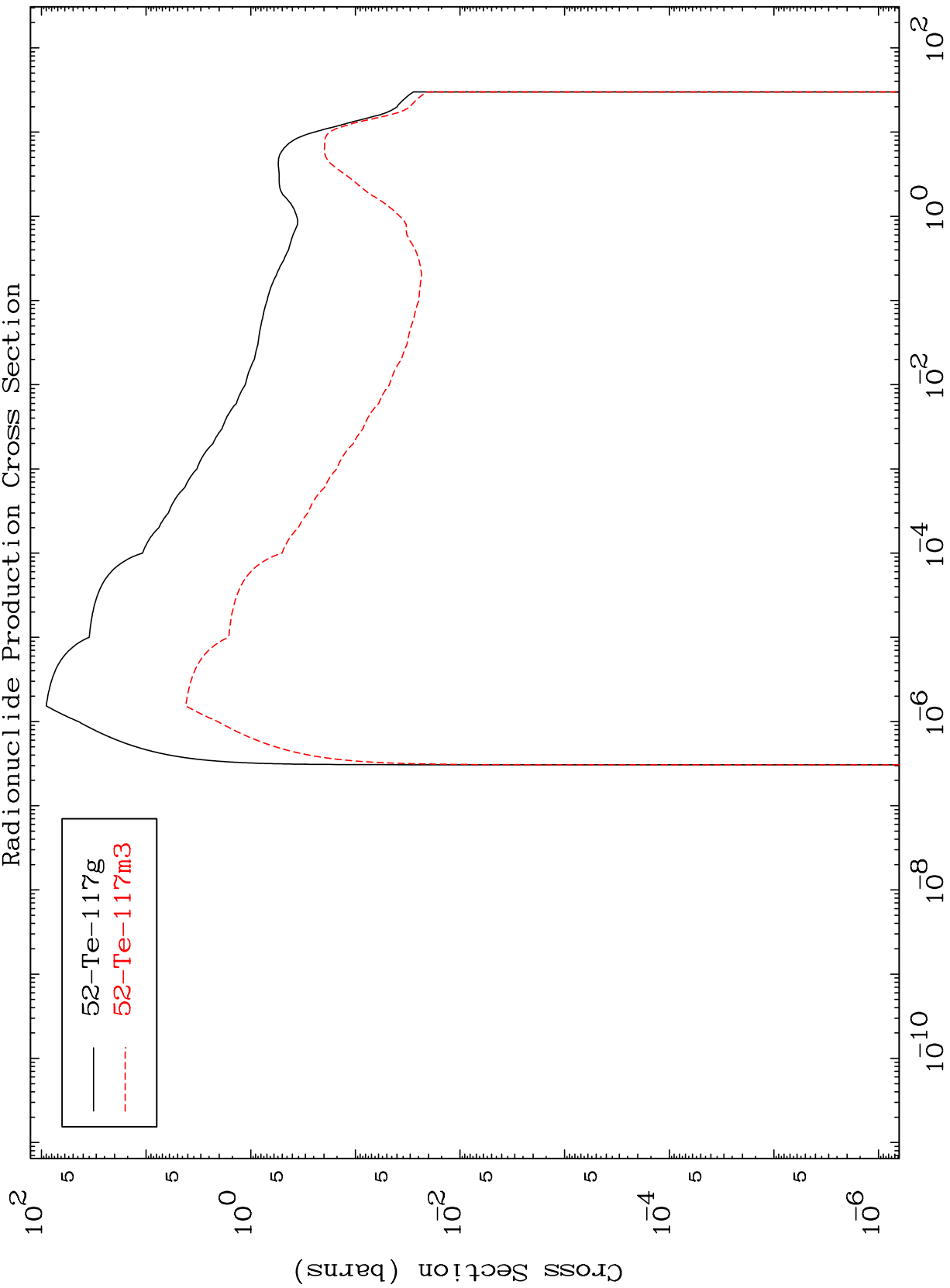
53-I -117



MAT 5295

53-I -117

Radionuclide Production Cross Section



53-I -117

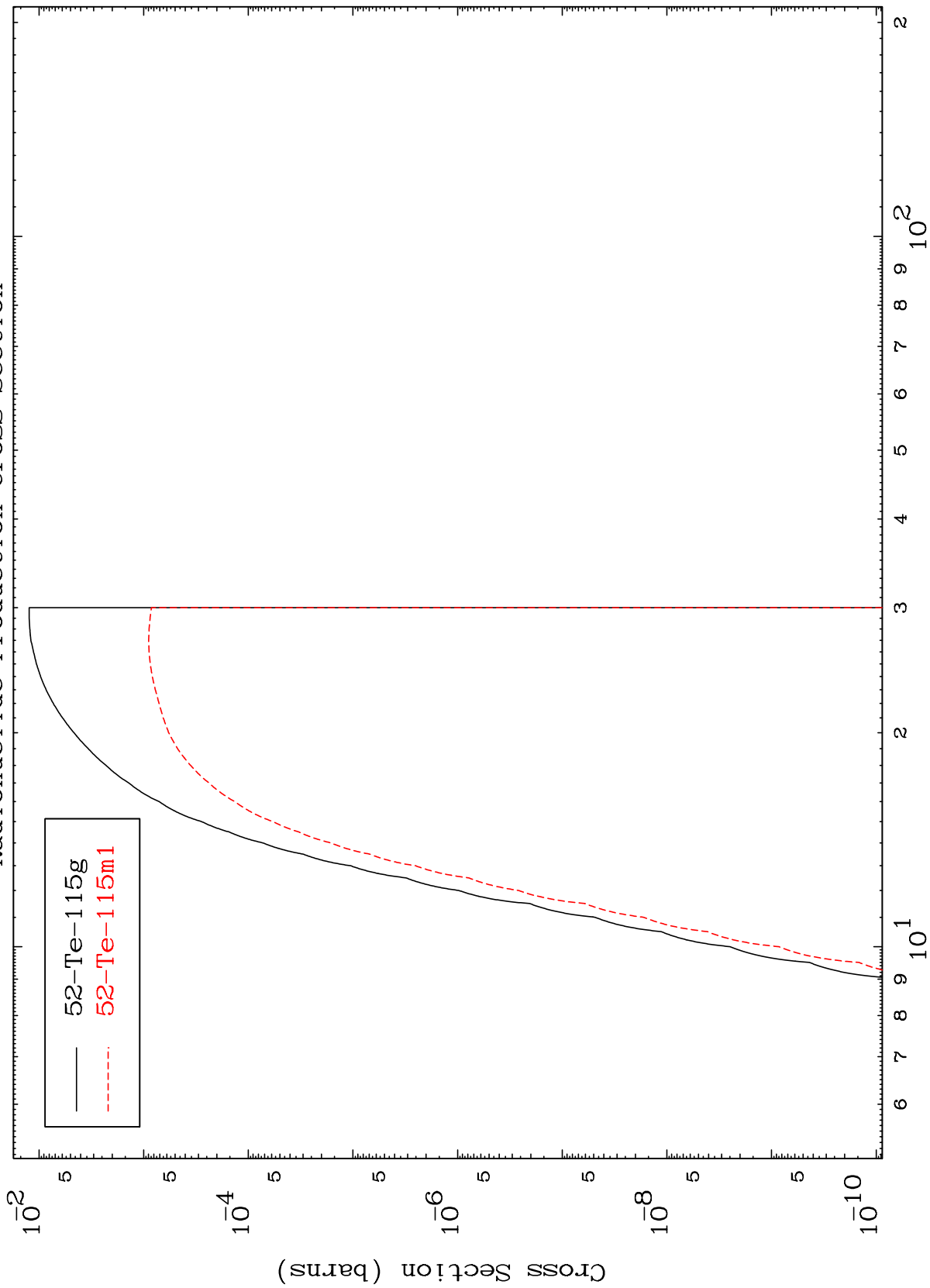
Incident Energy (MeV)

115

MAT 5295

53-I -117

Radionuclide Production Cross Section (n,t)



116

Incident Energy (MeV)

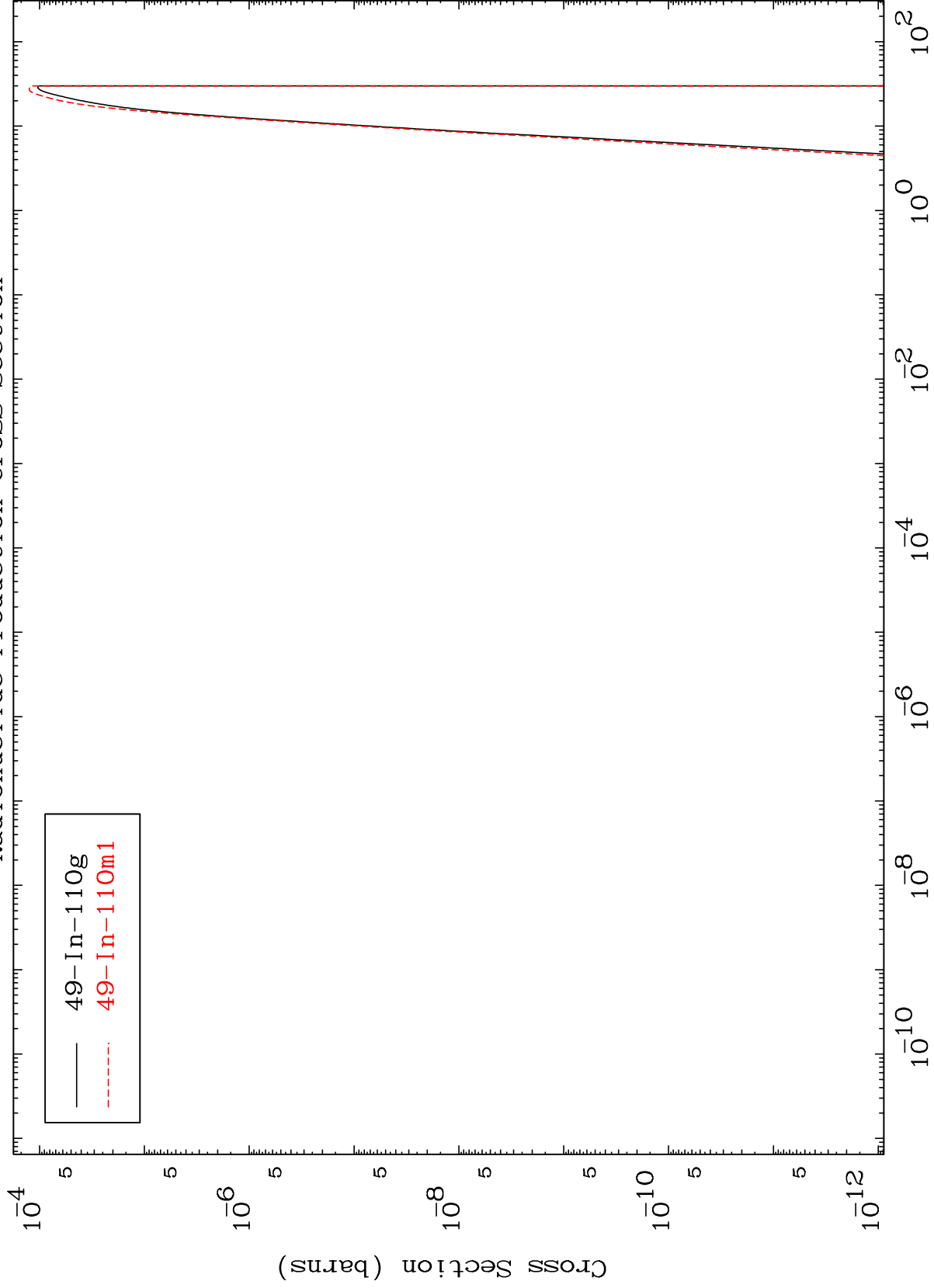
53-I -117

MAT 5295

(n,2α)

53-I -117

Radionuclide Production Cross Section



— 49-I-110g
- - - 49-I-110m1

117

Incident Energy (MeV)

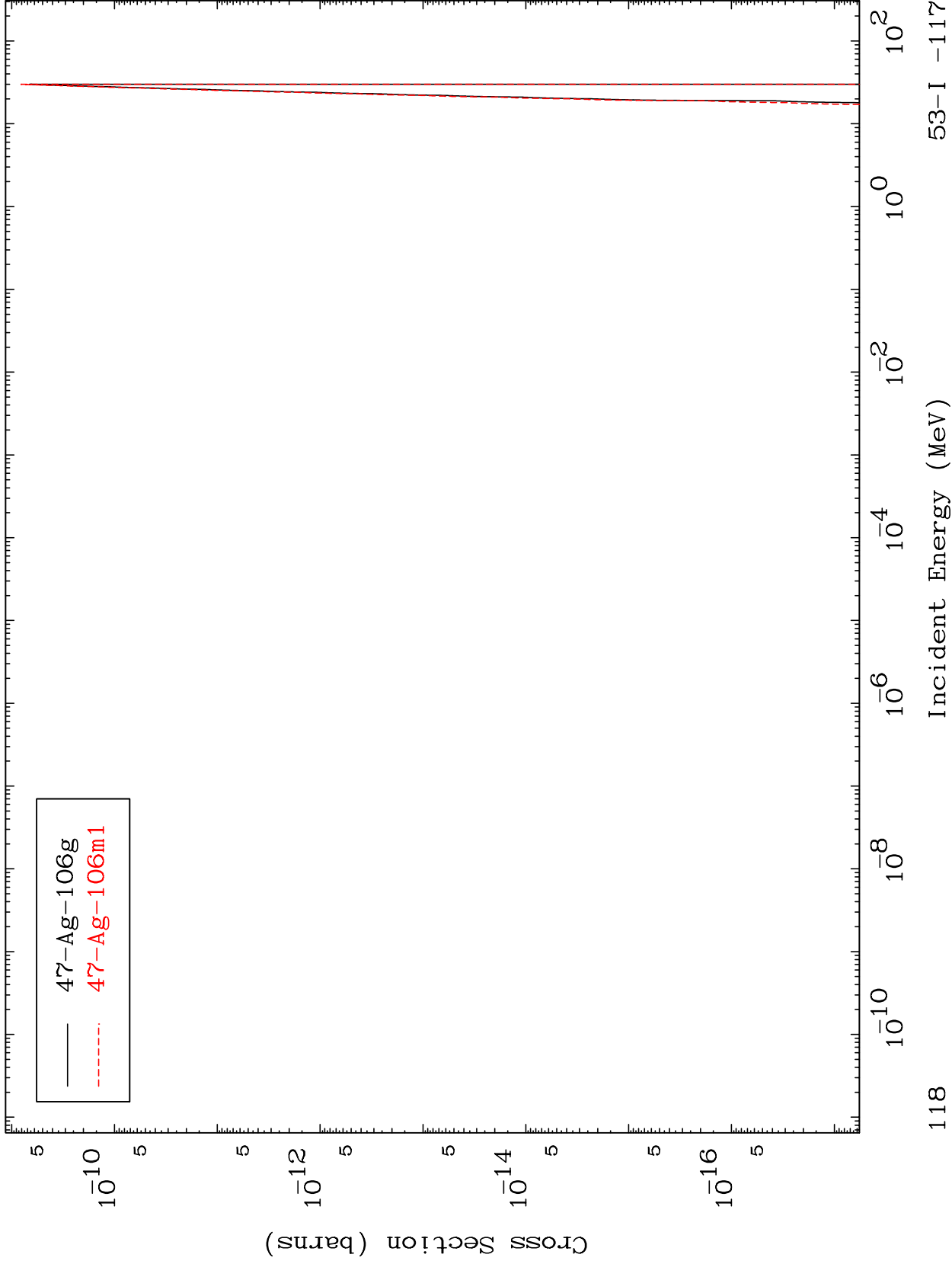
53-I -117

MAT 5295

(n,3 α)

53-I -117

Radionuclide Production Cross Section



118

Incident Energy (MeV)

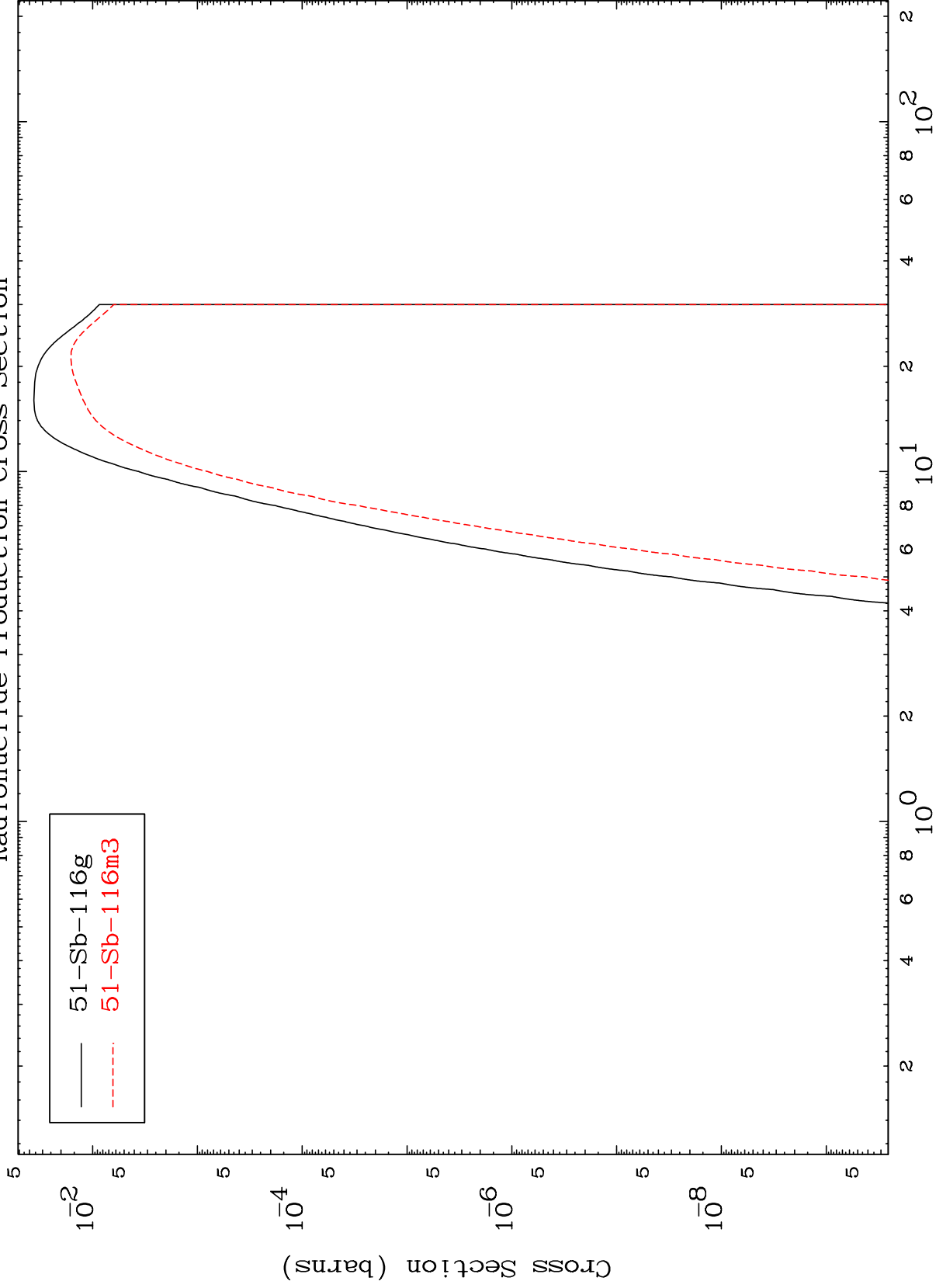
53-I -117

MAT 5295

(n,2p)

53-I -117

Radionuclide Production Cross Section



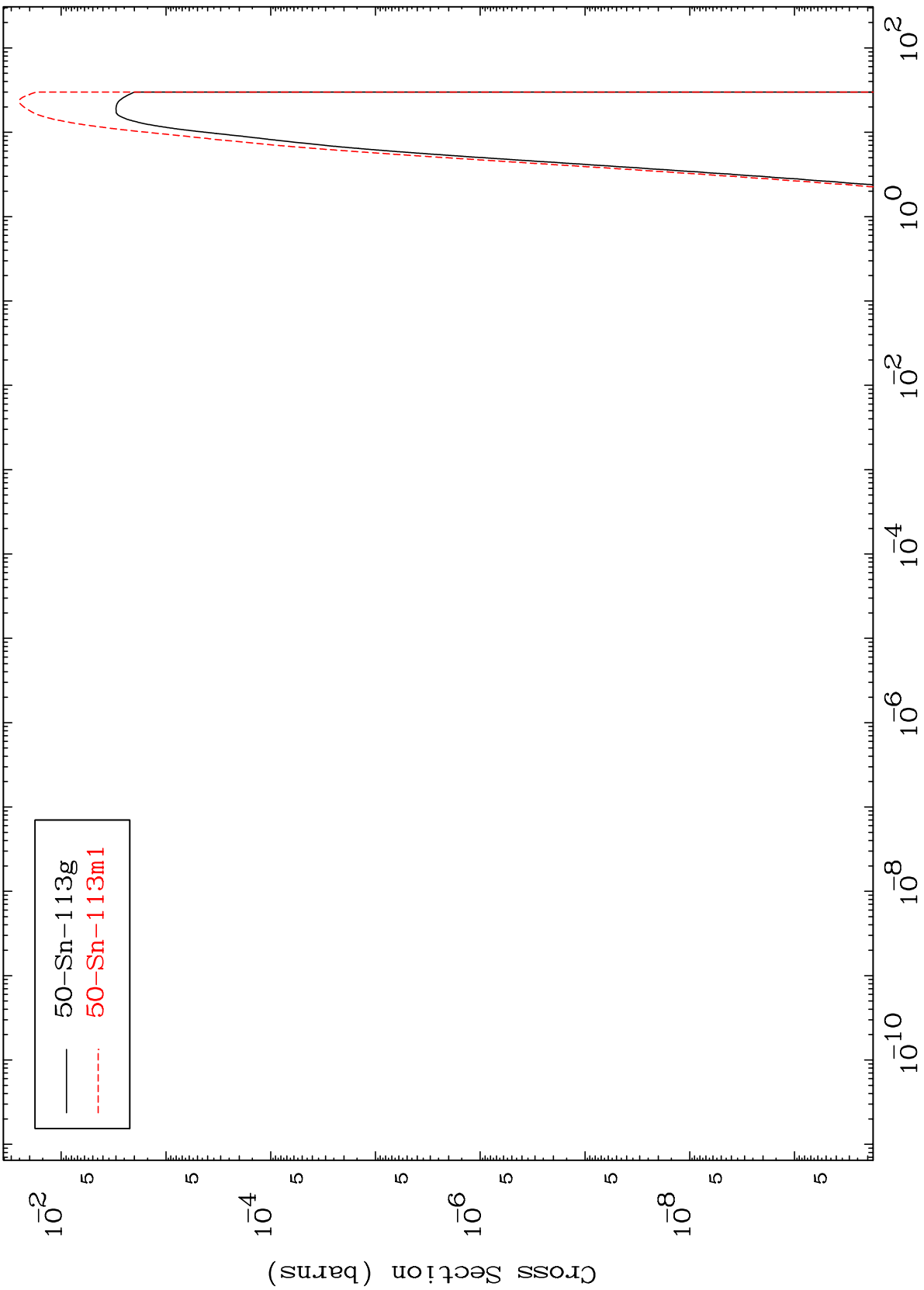
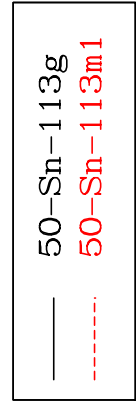
— 51-Sb-116g
- - - 51-Sb-116m3

MAT 5295

(n,p) α

53-I -117

Radionuclide Production Cross Section



120

53-I -117