

Program EVALPLOT
(Version 2015-2)

by

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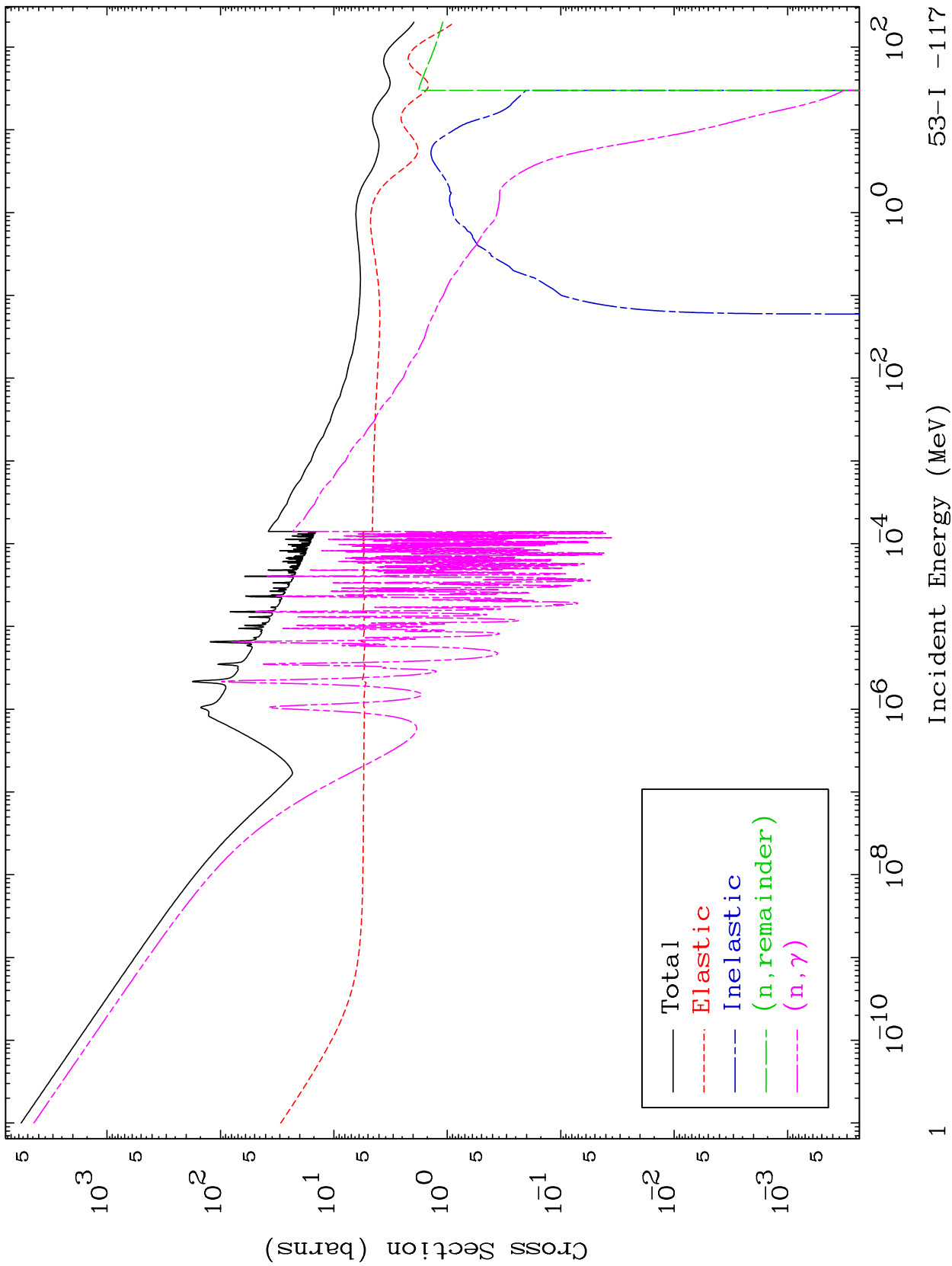
Press Mouse Button to Start

MAT 5295

Major

293 Kelvin Cross Sections

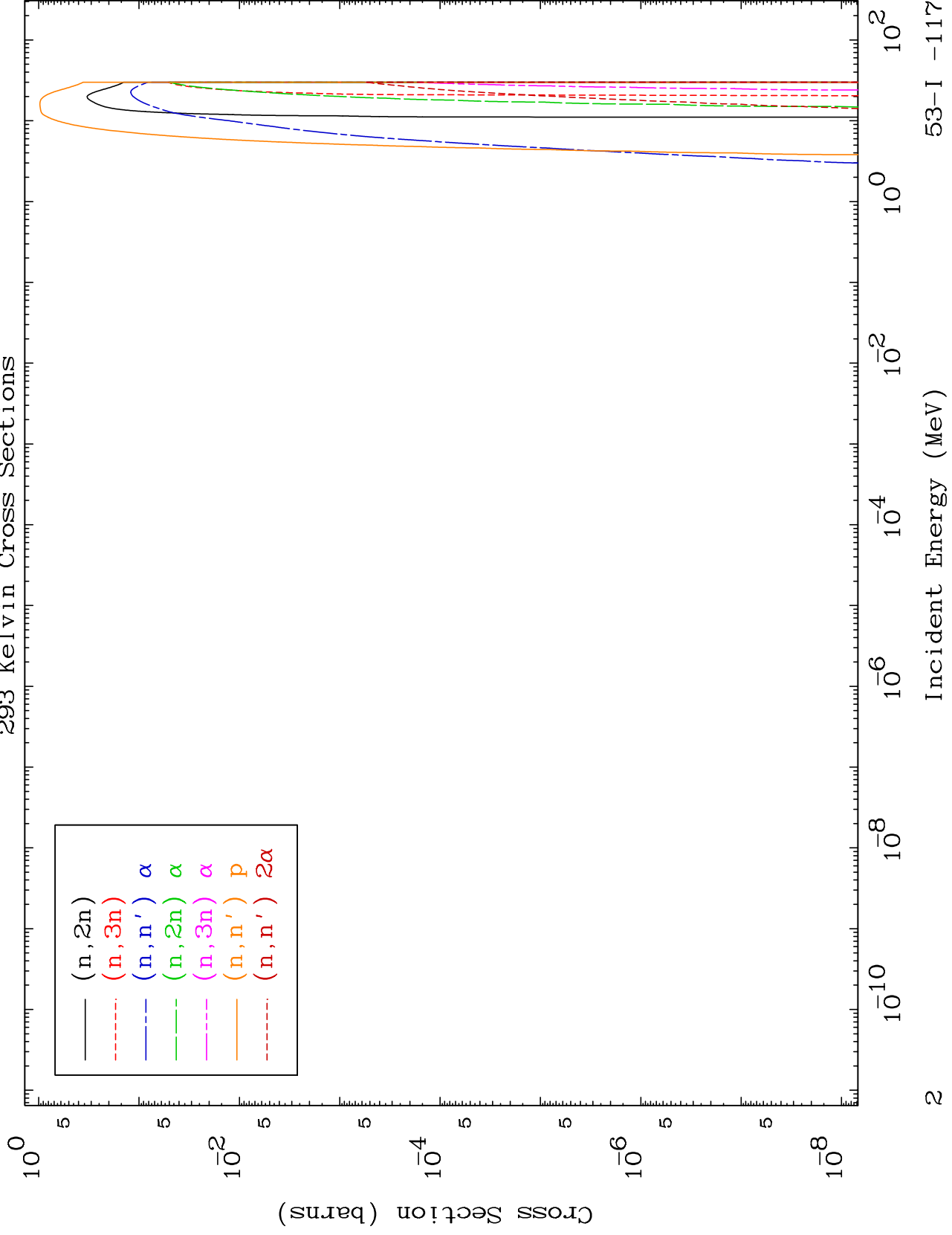
53-I -117

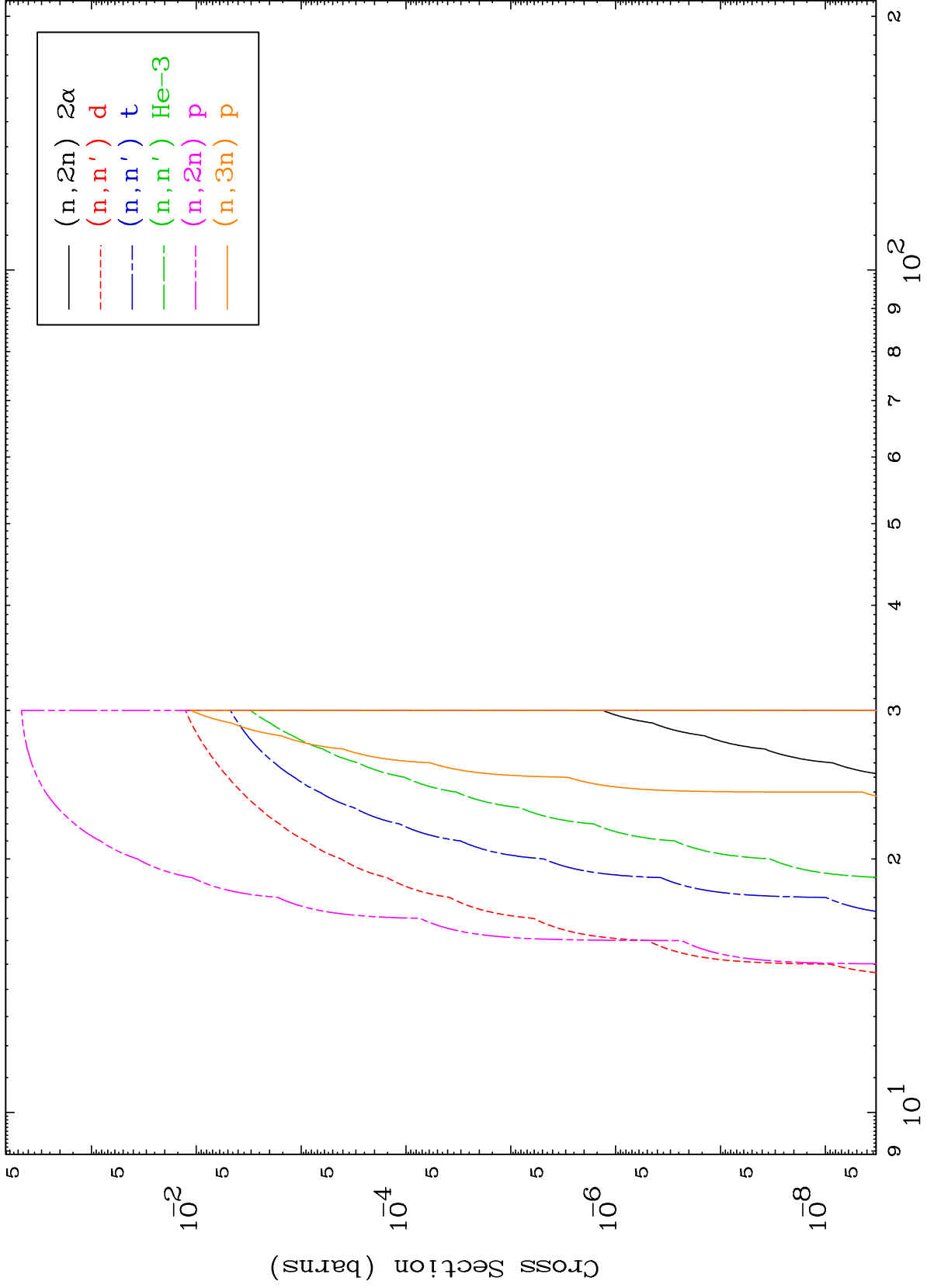


MAT 5295

Neutron Production
293 Kelvin Cross Sections

53-I -117

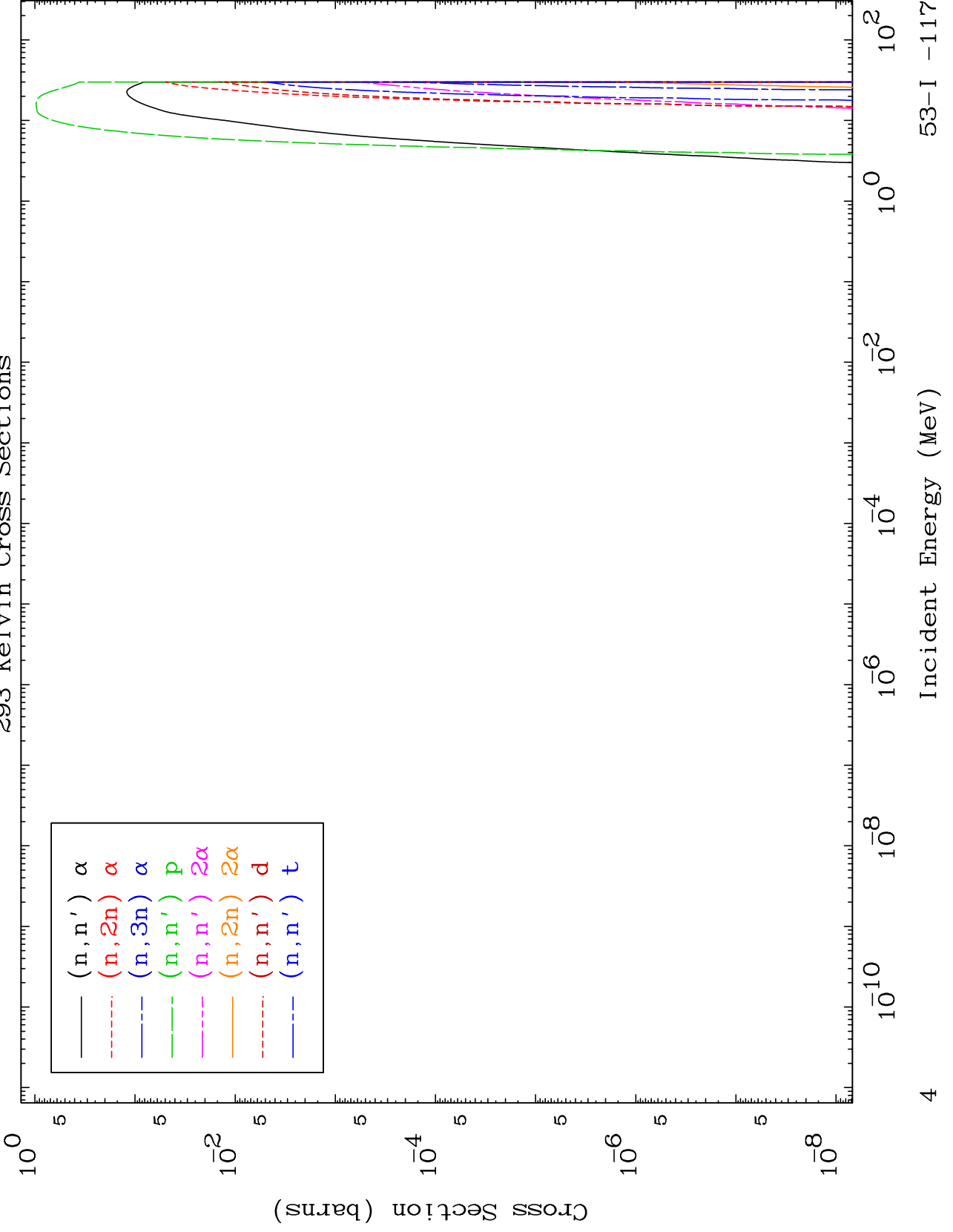


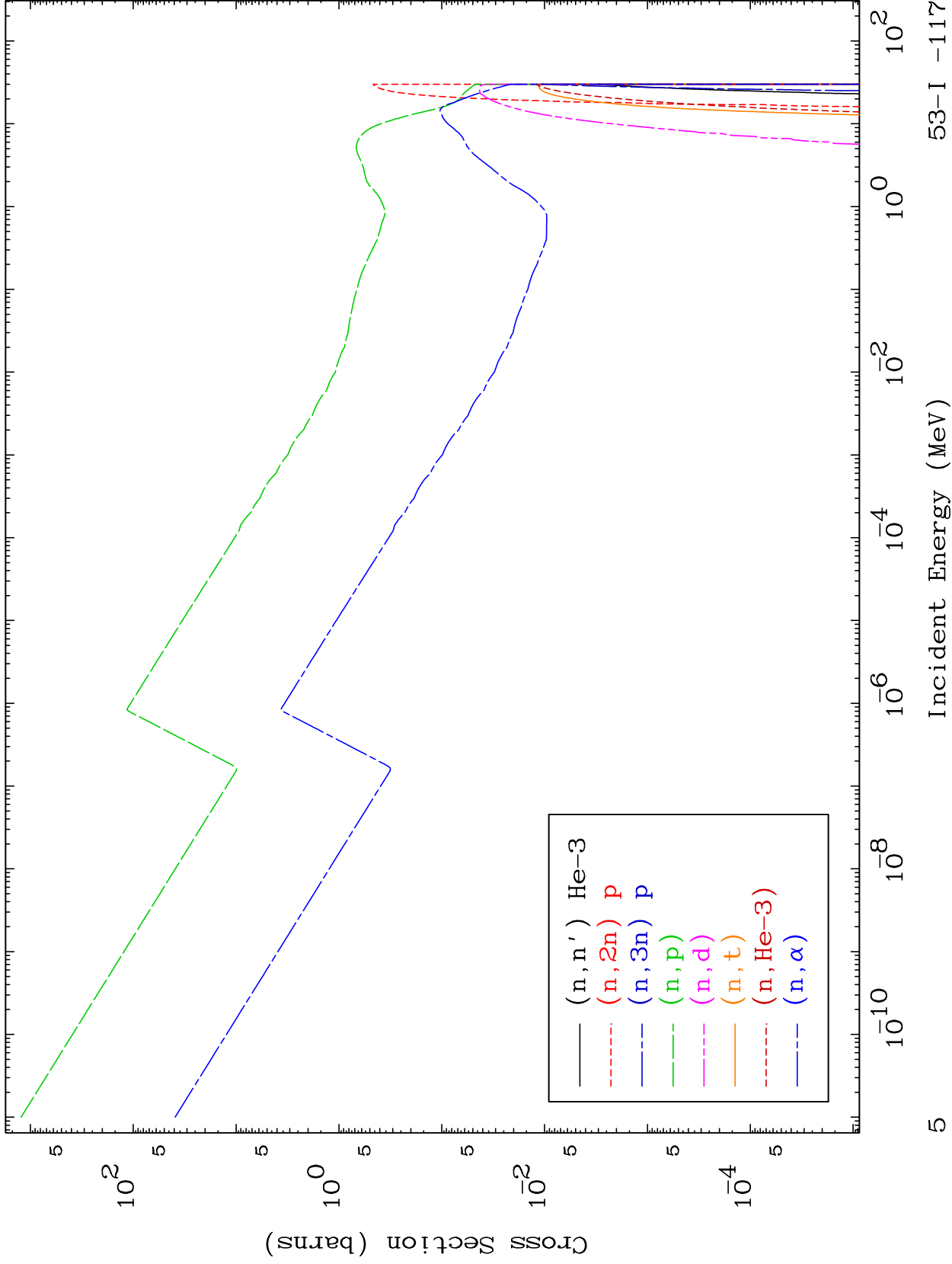


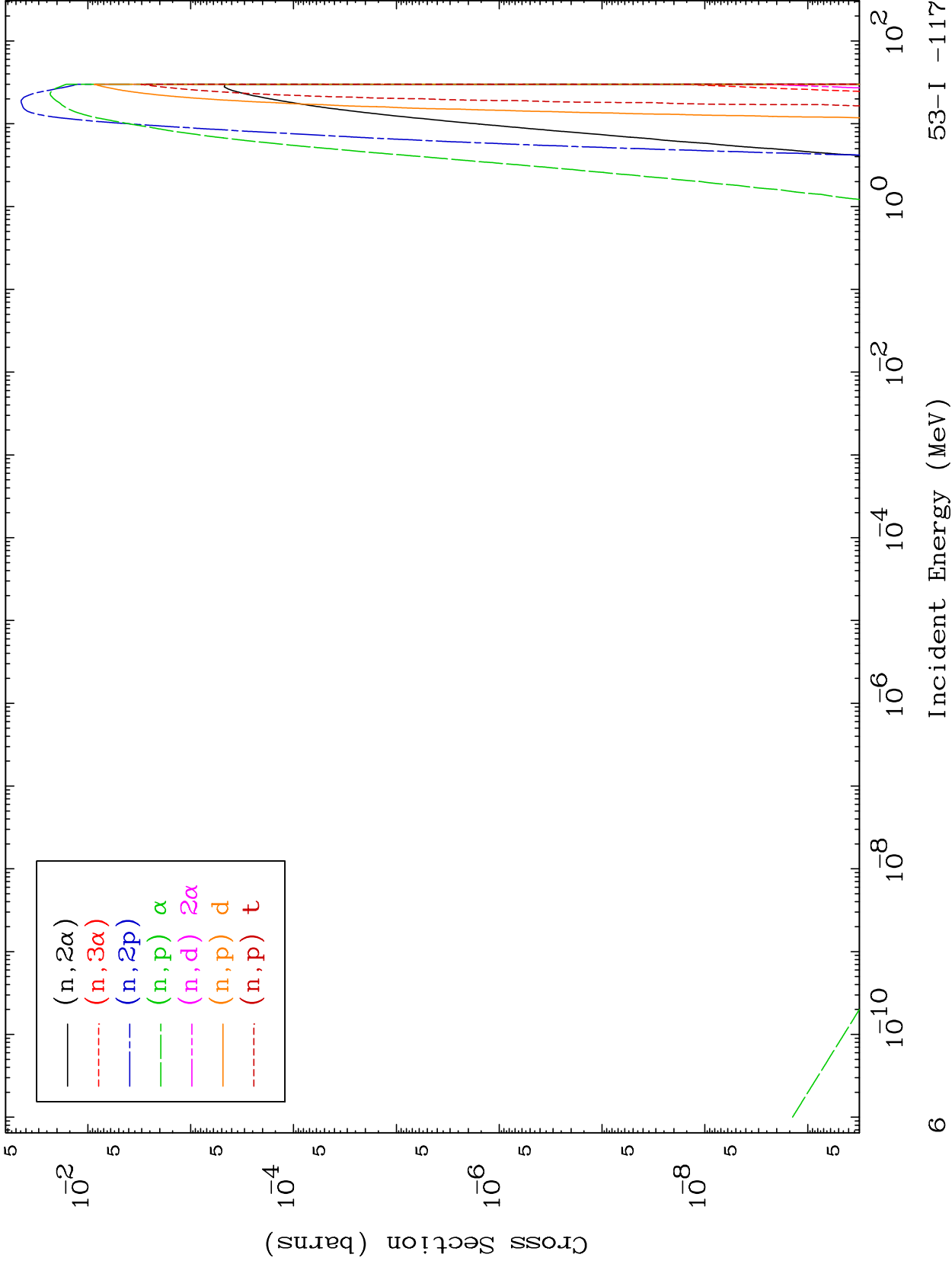
MAT 5295

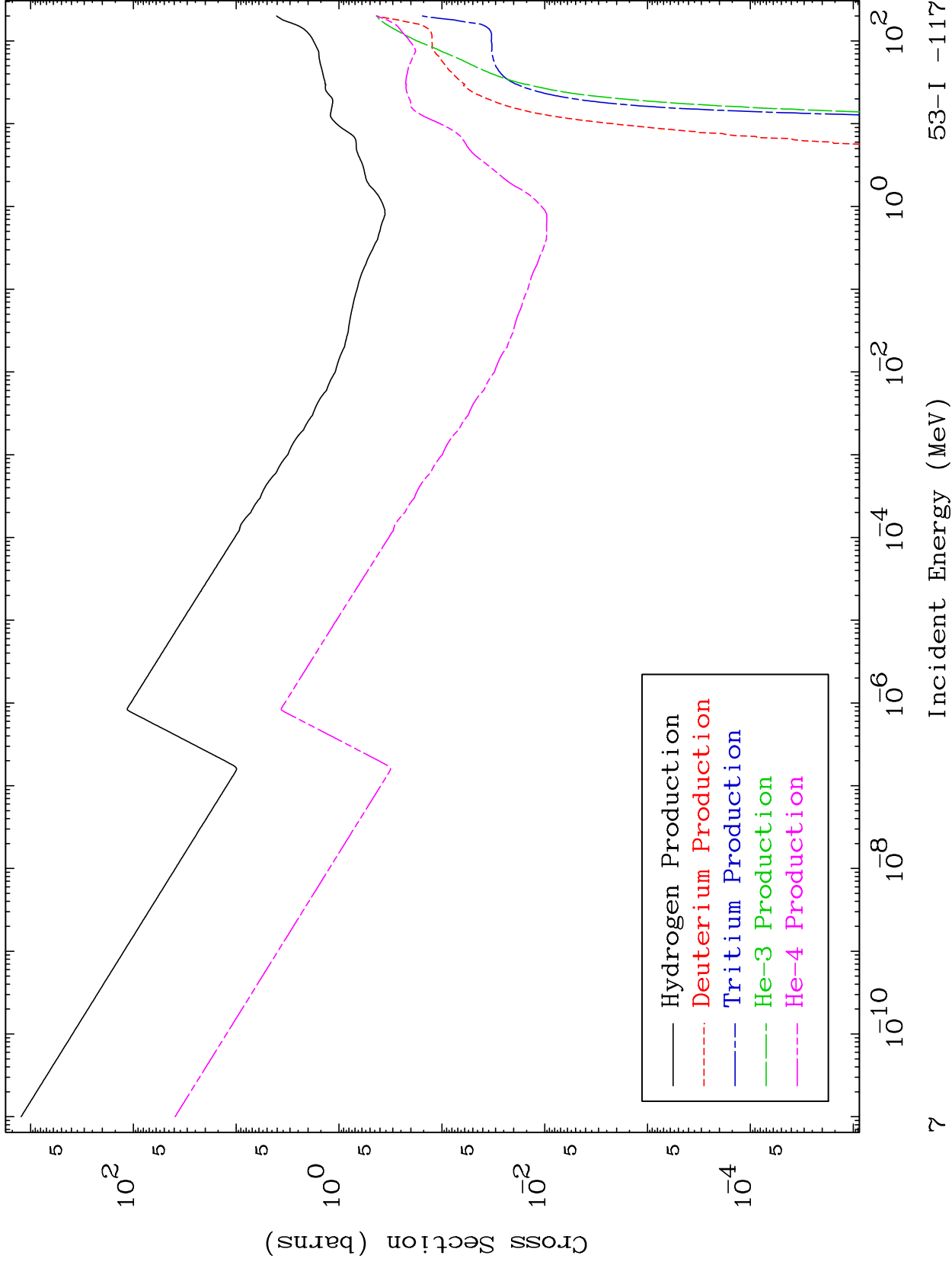
Charged Particle
293 Kelvin Cross Sections

53-I -117





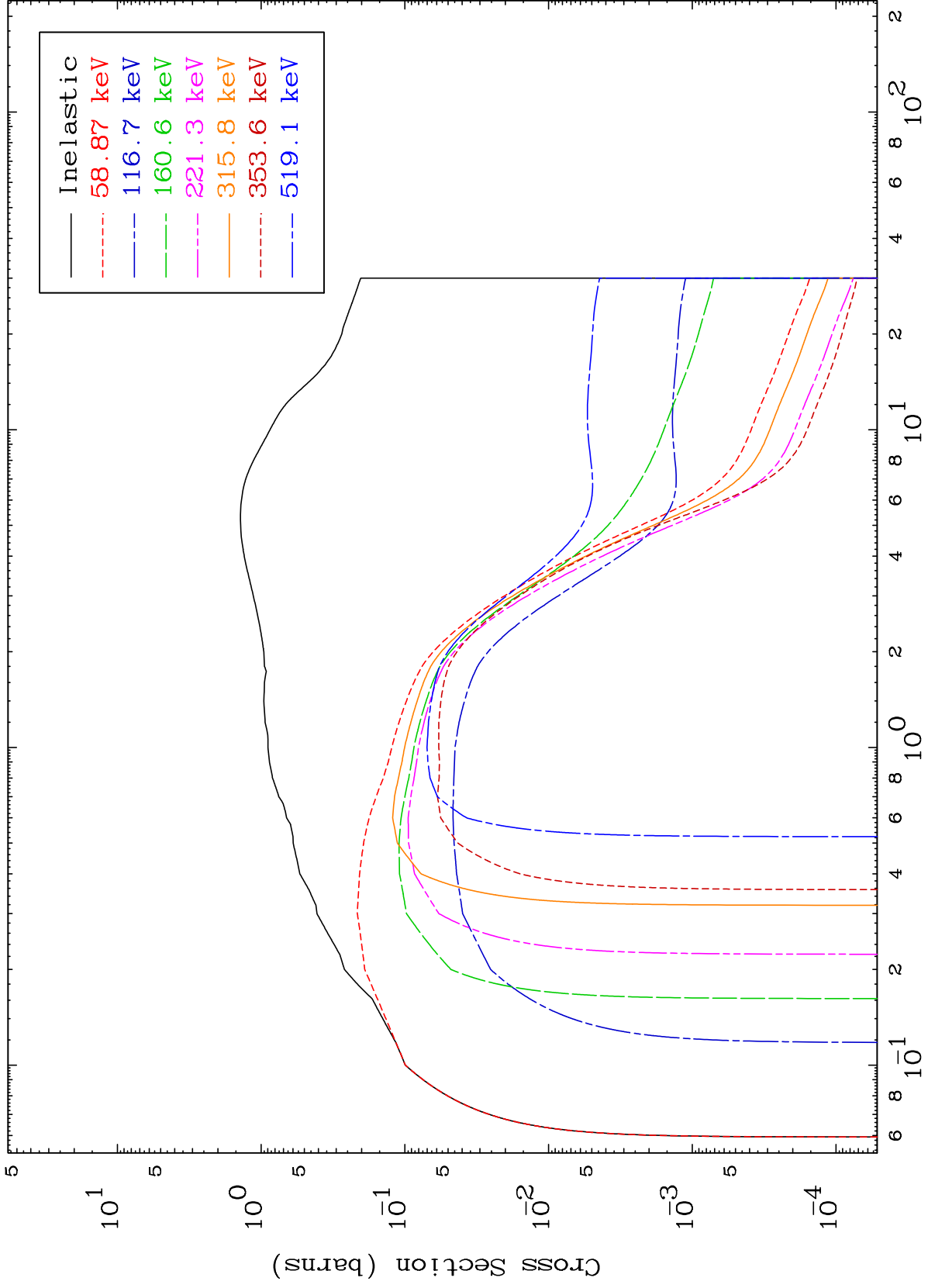




MAT 5295

(n,n') Level
293 Kelvin Cross Sections

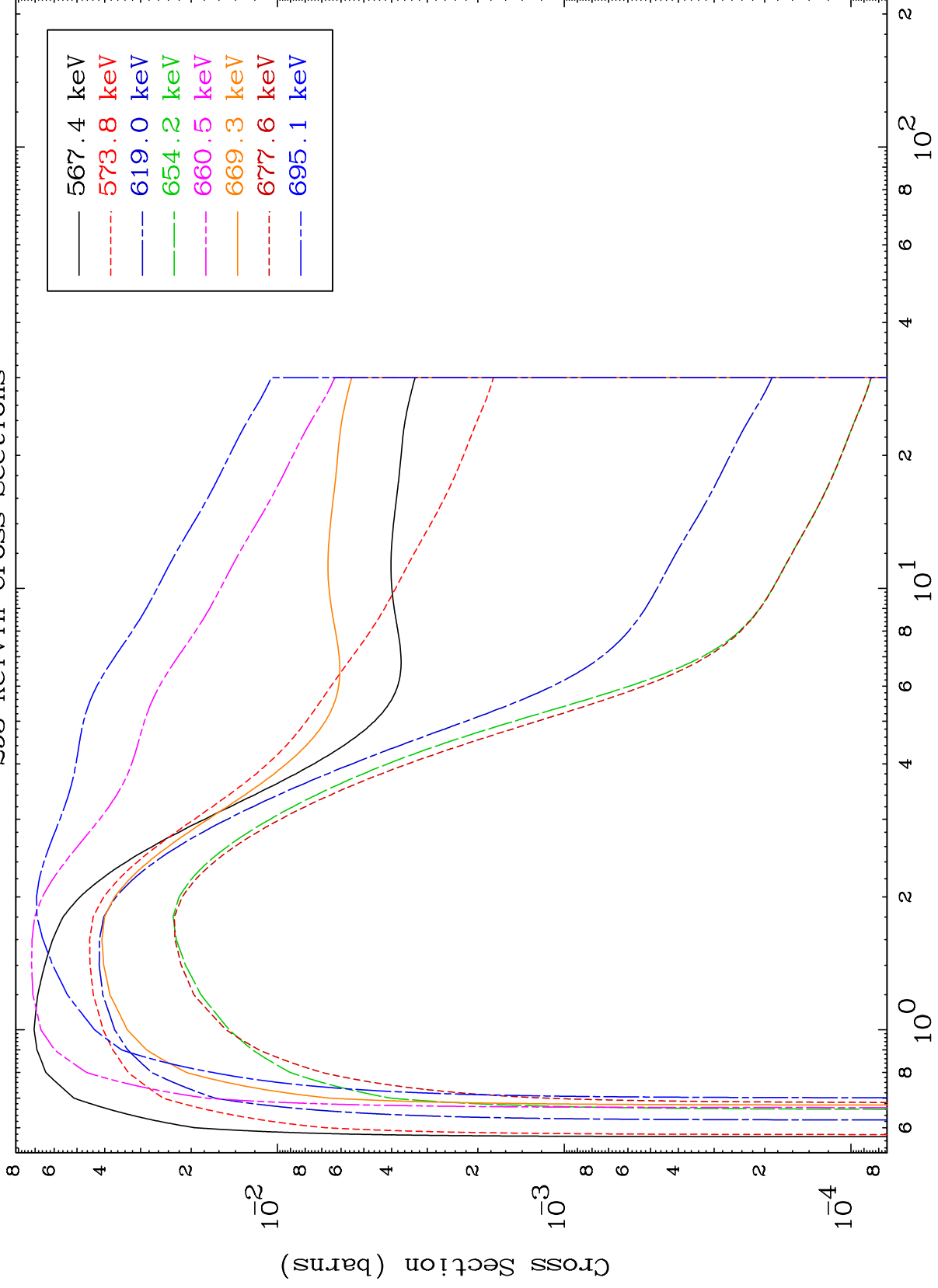
53-I -117

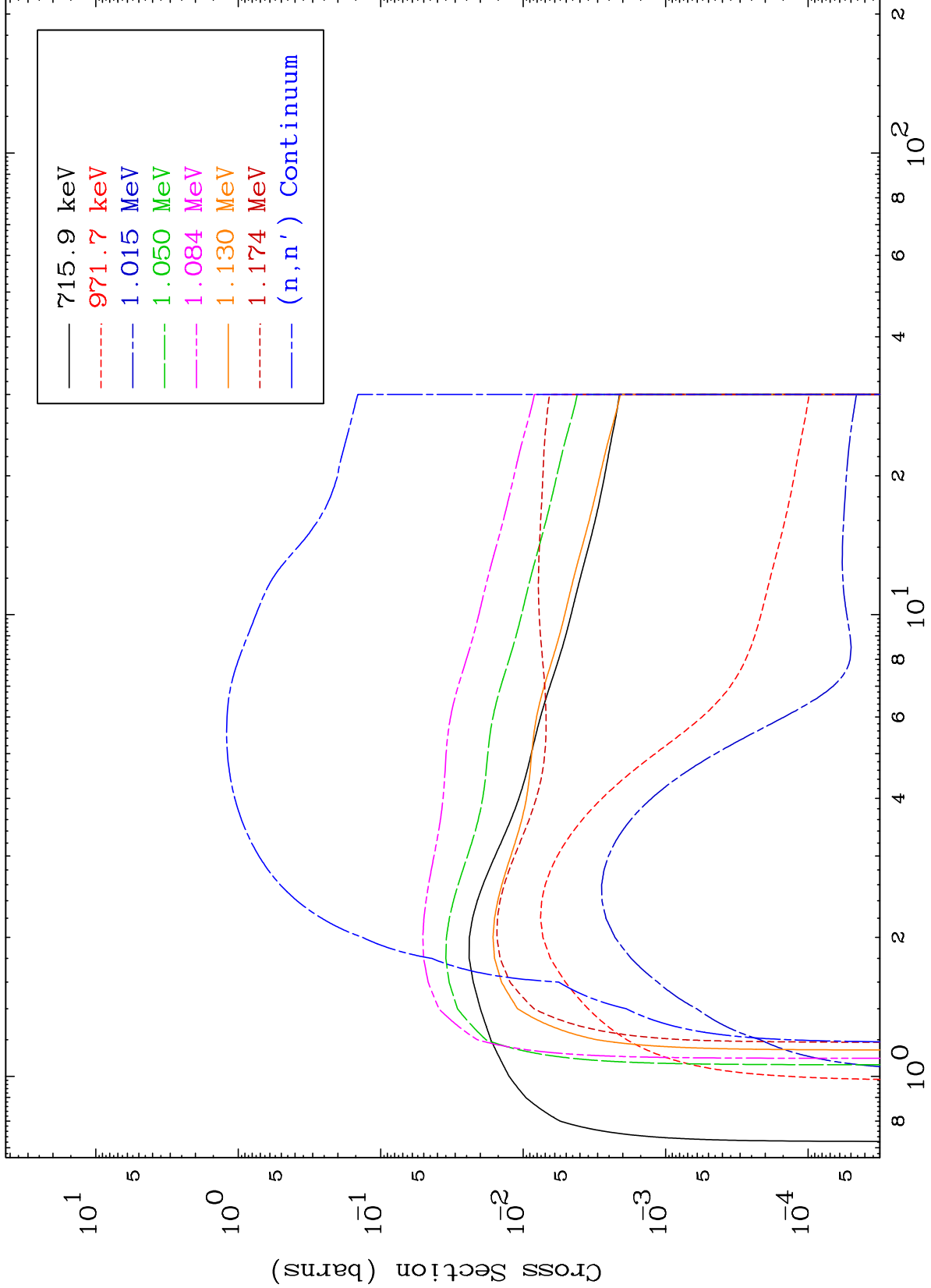


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Incident Energy (MeV)

53-I -117

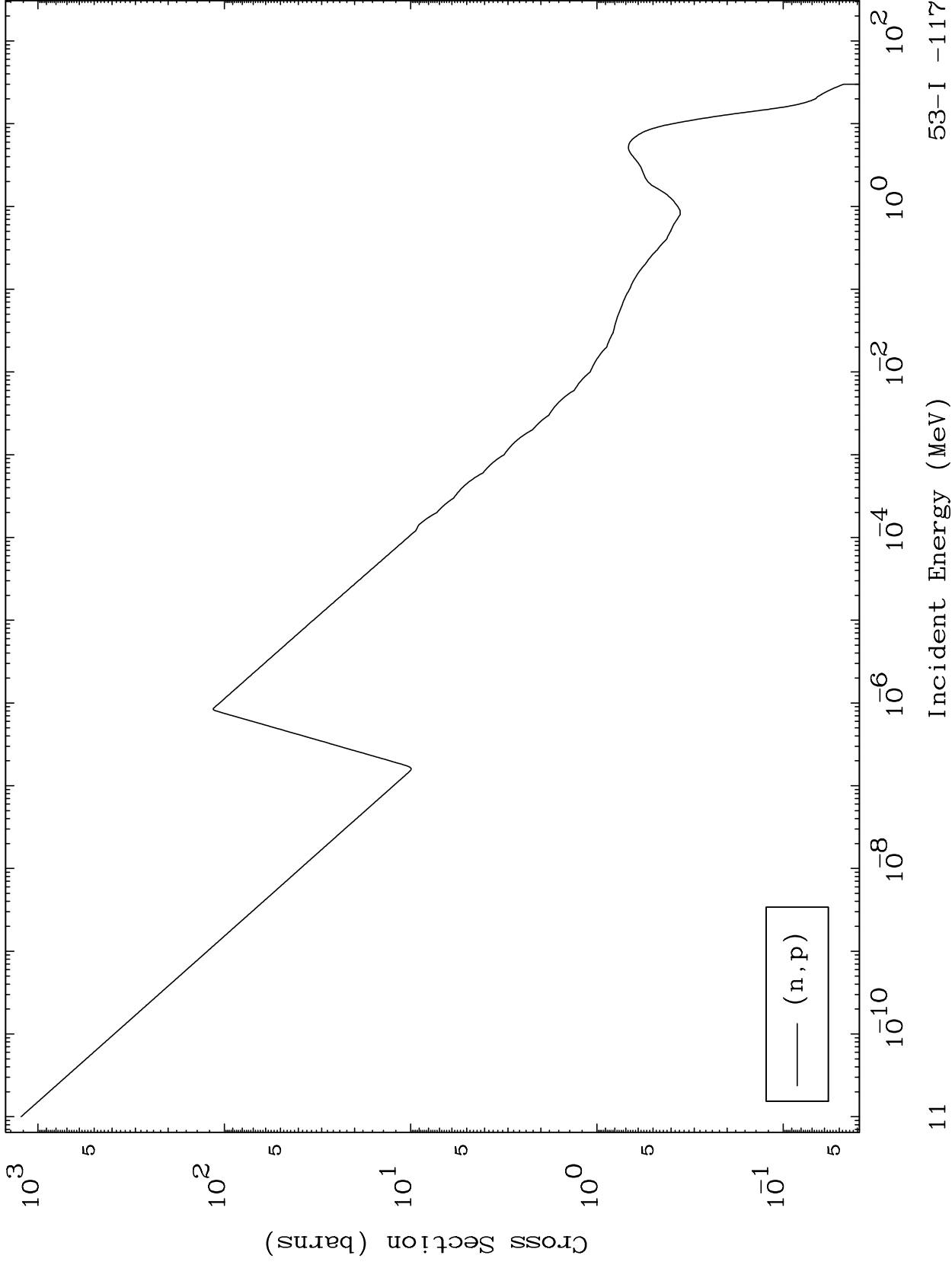




MAT 5295

(n,p) Levels
293 Kelvin Cross Sections

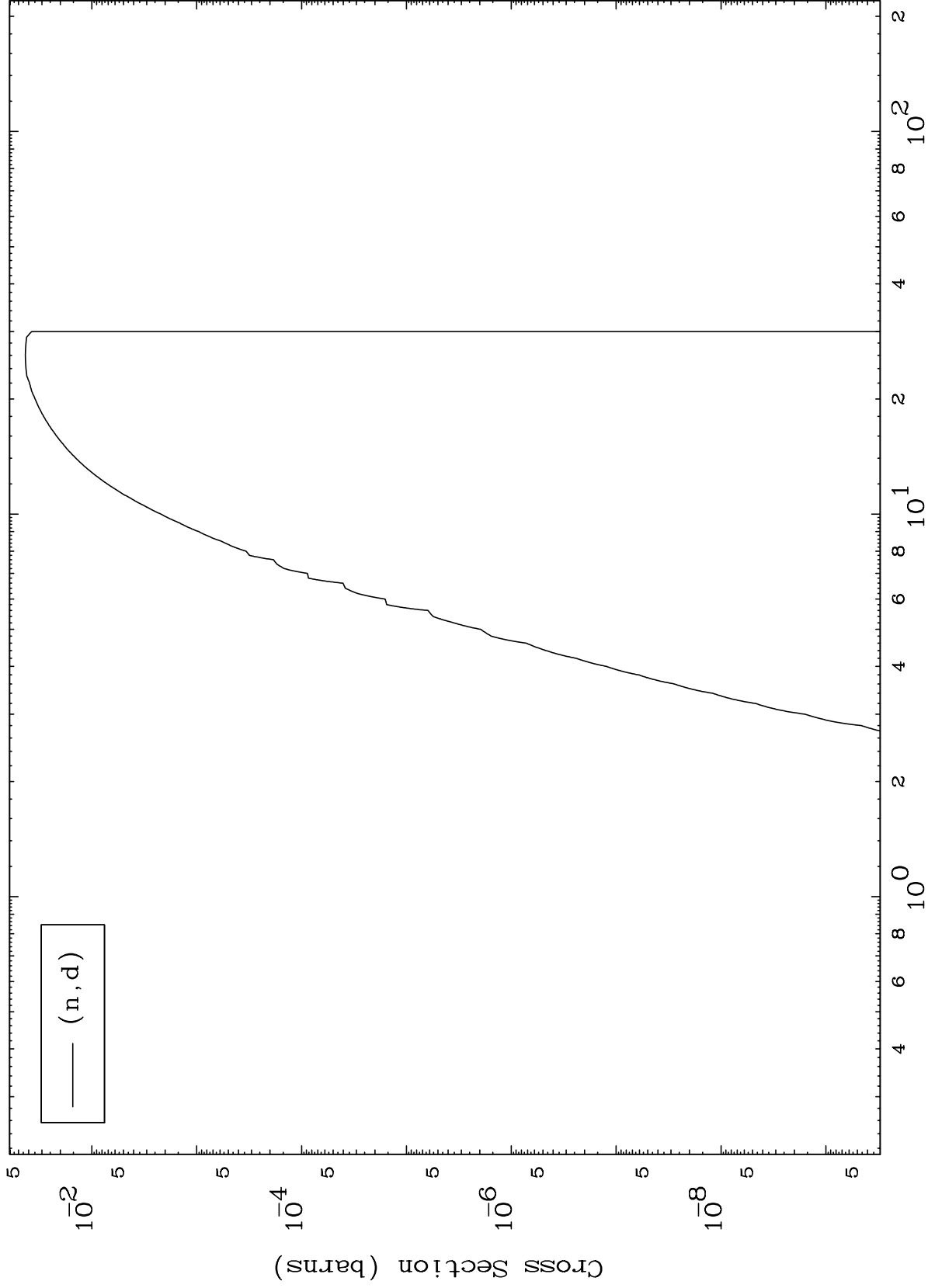
53-I -117



MAT 5295

(n,d) Levels
293 Kelvin Cross Sections

53-I -117



12

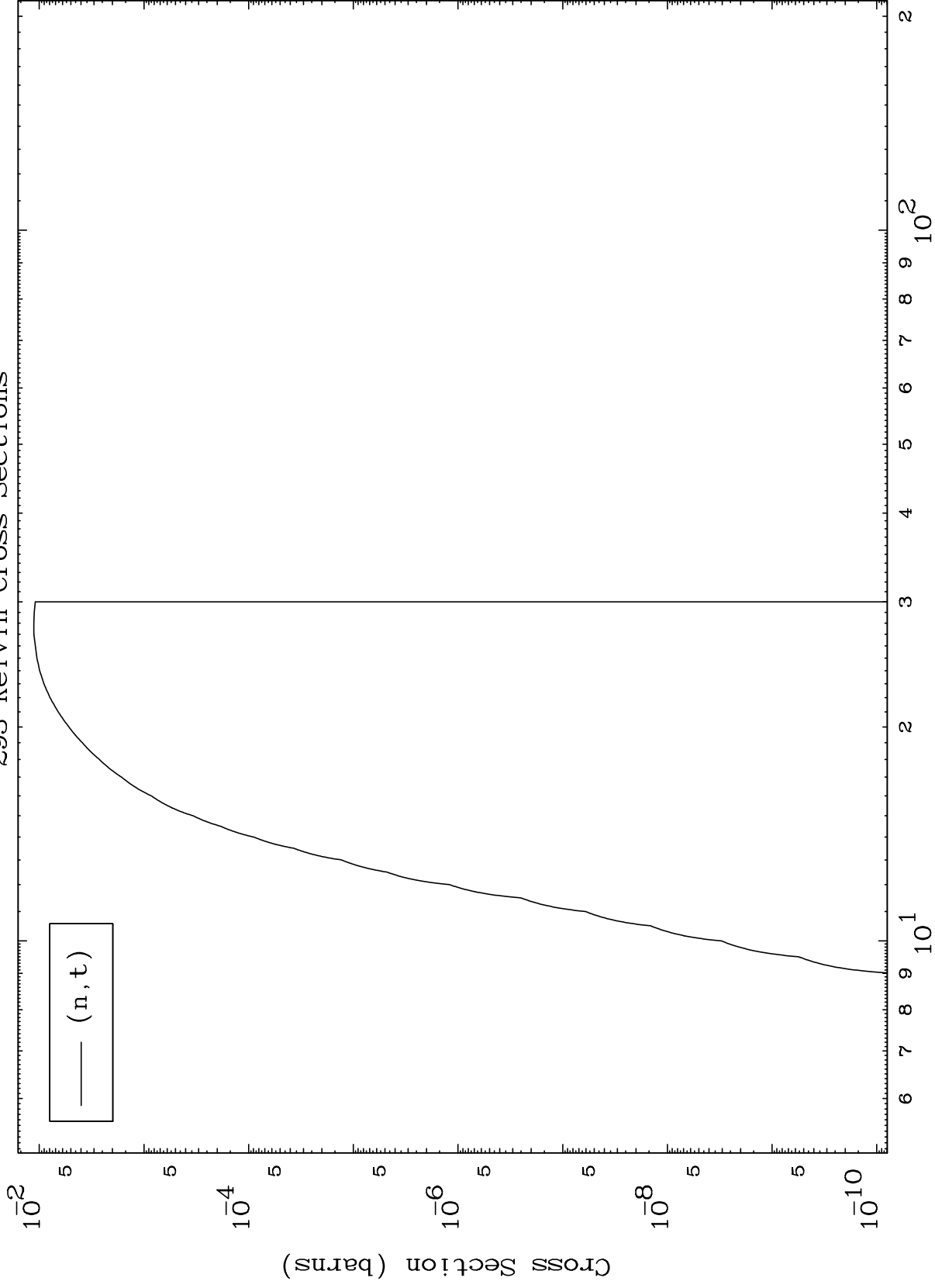
Incident Energy (MeV)

53-I -117

MAT 5295

(n,t) Levels
293 Kelvin Cross Sections

53-I -117



13

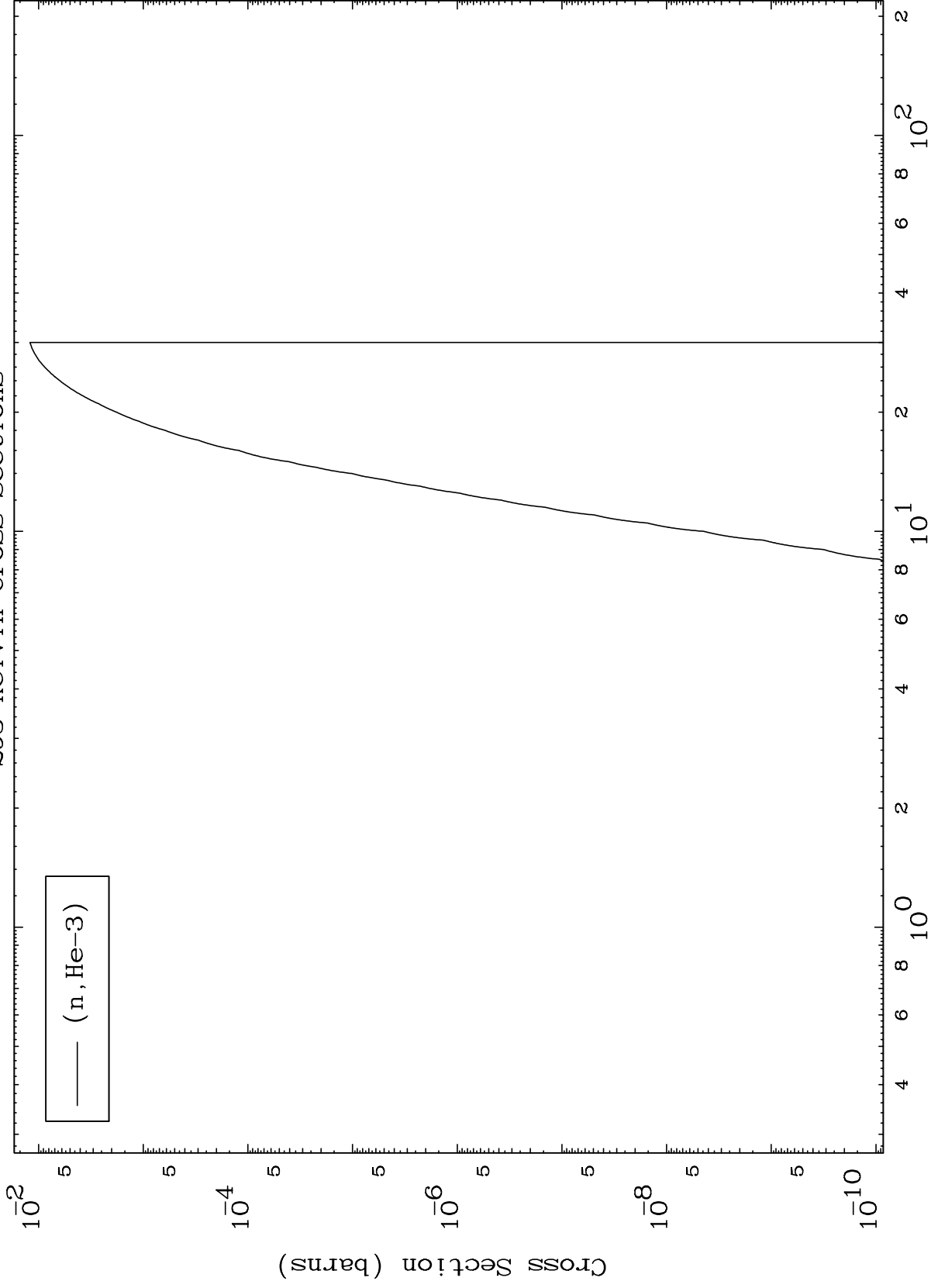
Incident Energy (MeV)

53-I -117

MAT 5295

(n,He3) Levels
293 Kelvin Cross Sections

53-I -117



14

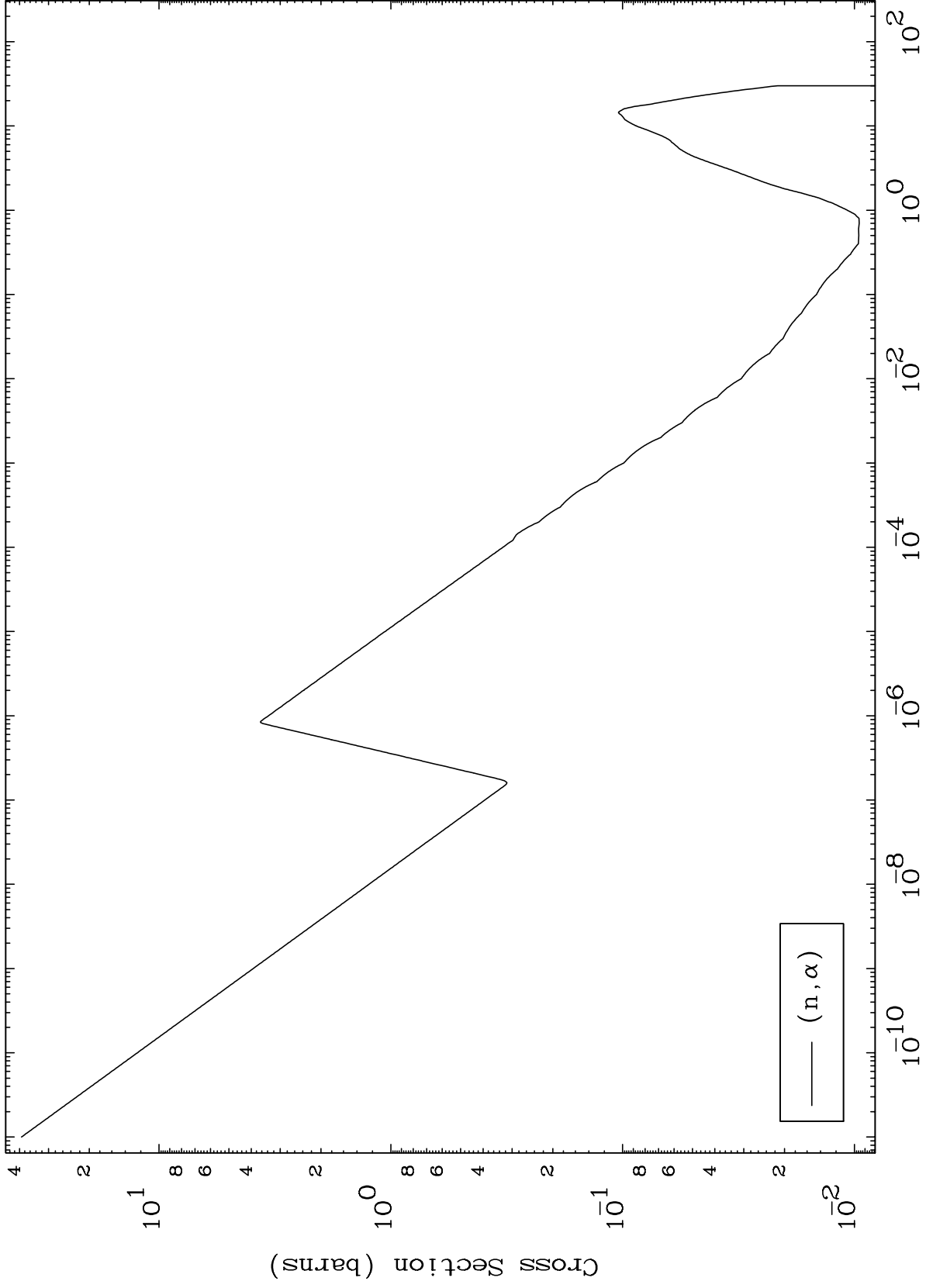
Incident Energy (MeV)

53-I -117

MAT 5295

(n,α) Levels
293 Kelvin Cross Sections

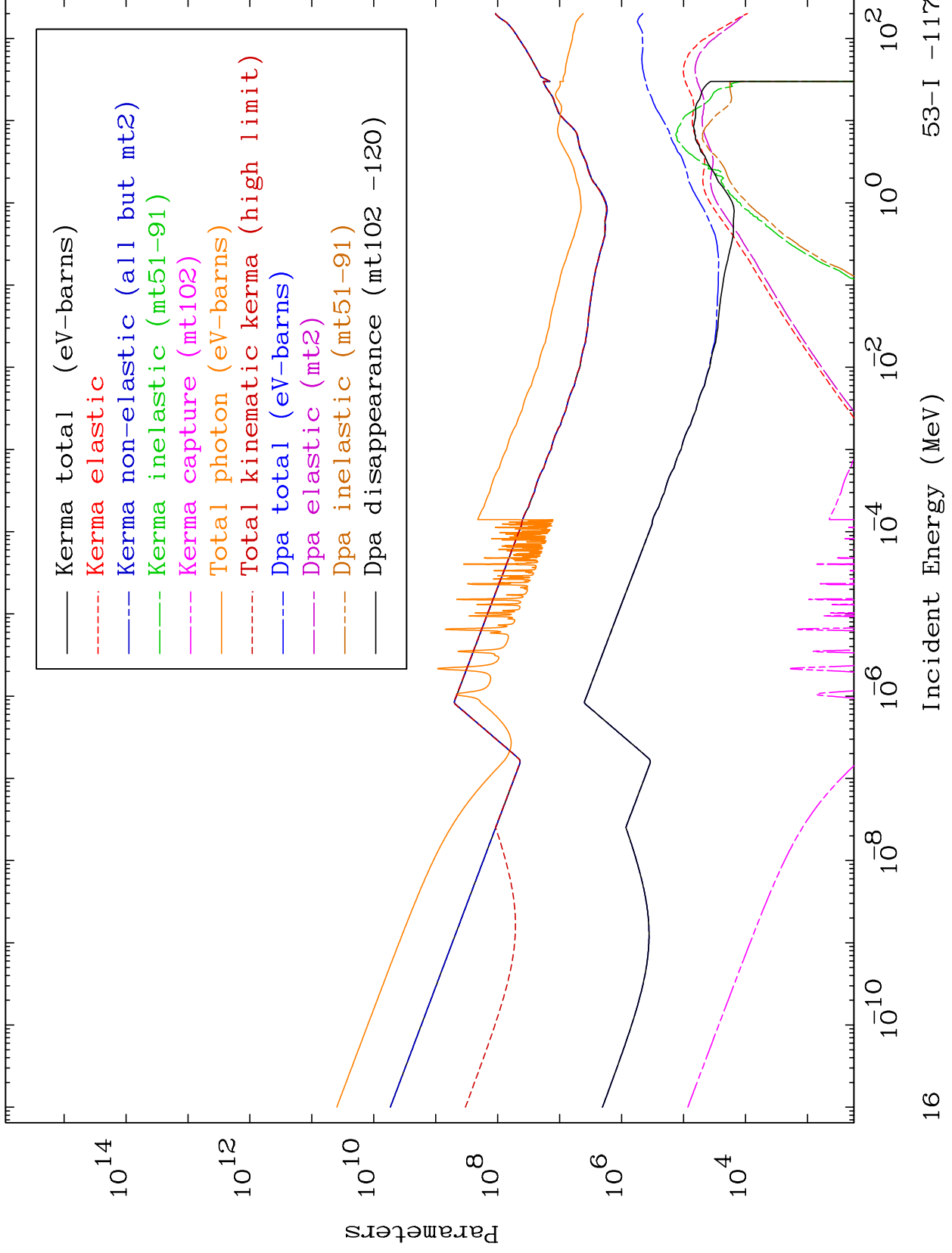
53-I -117

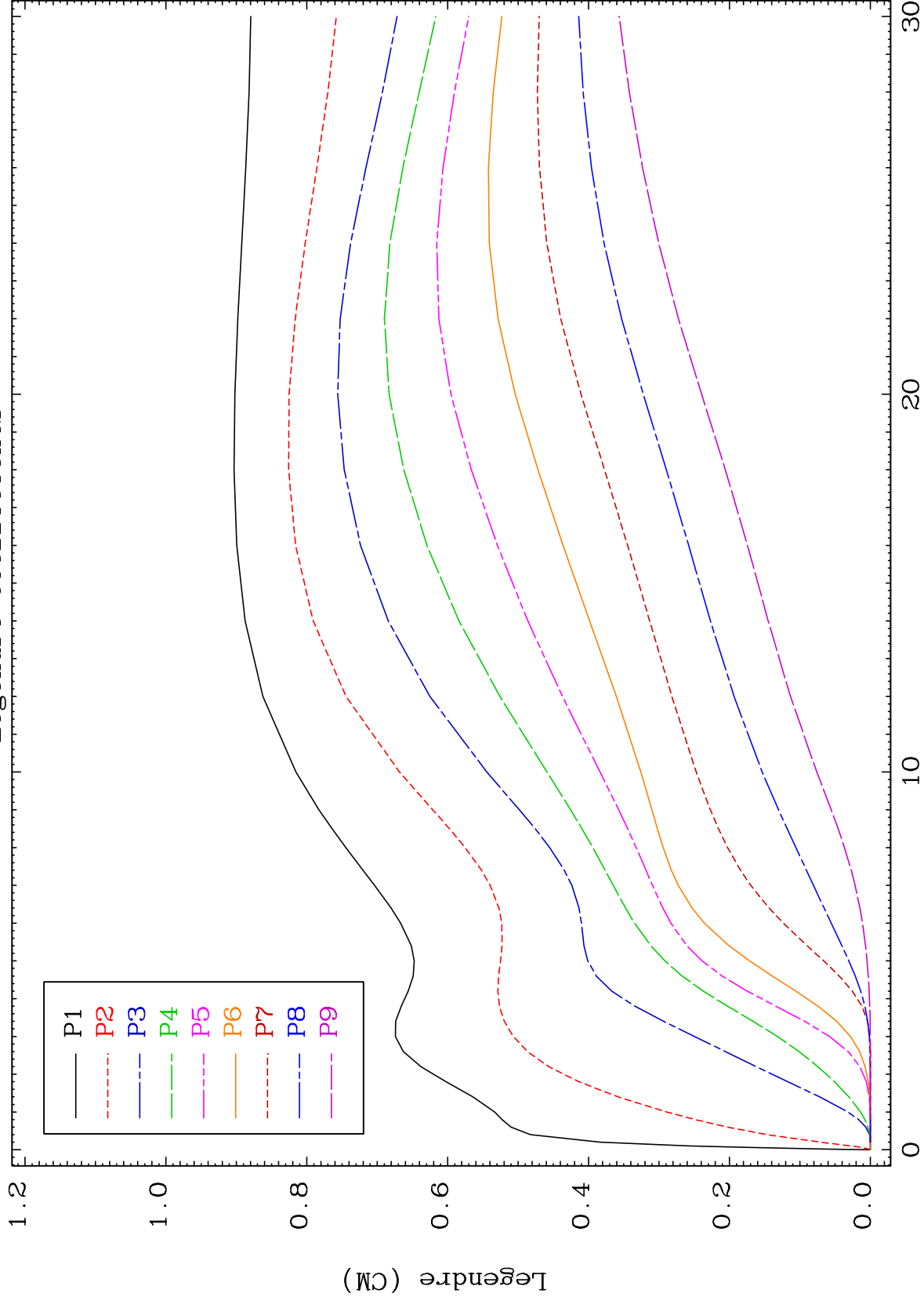


15

Incident Energy (MeV)

53-I -117

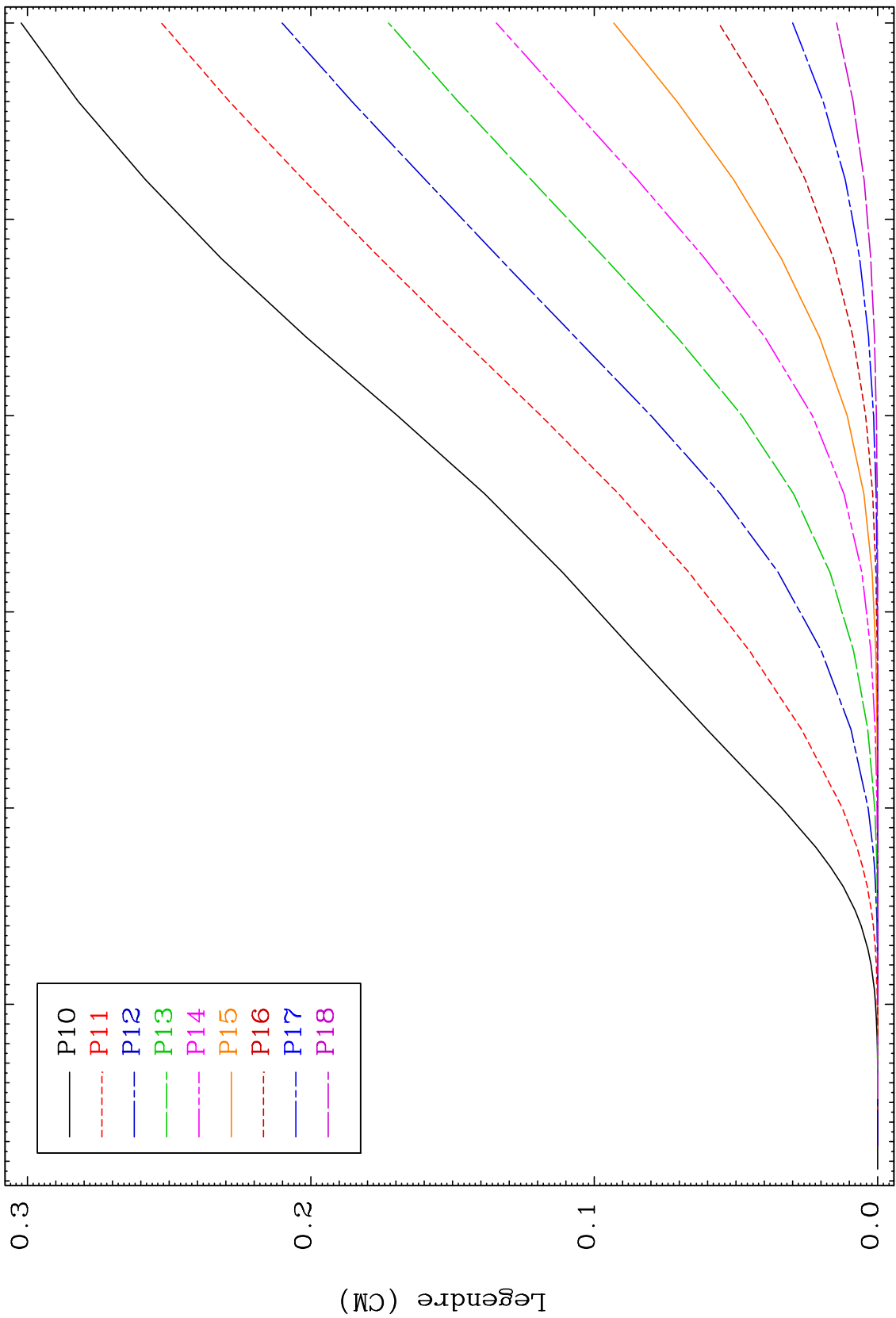




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Elastic
Legendre Coefficients

53-I -117

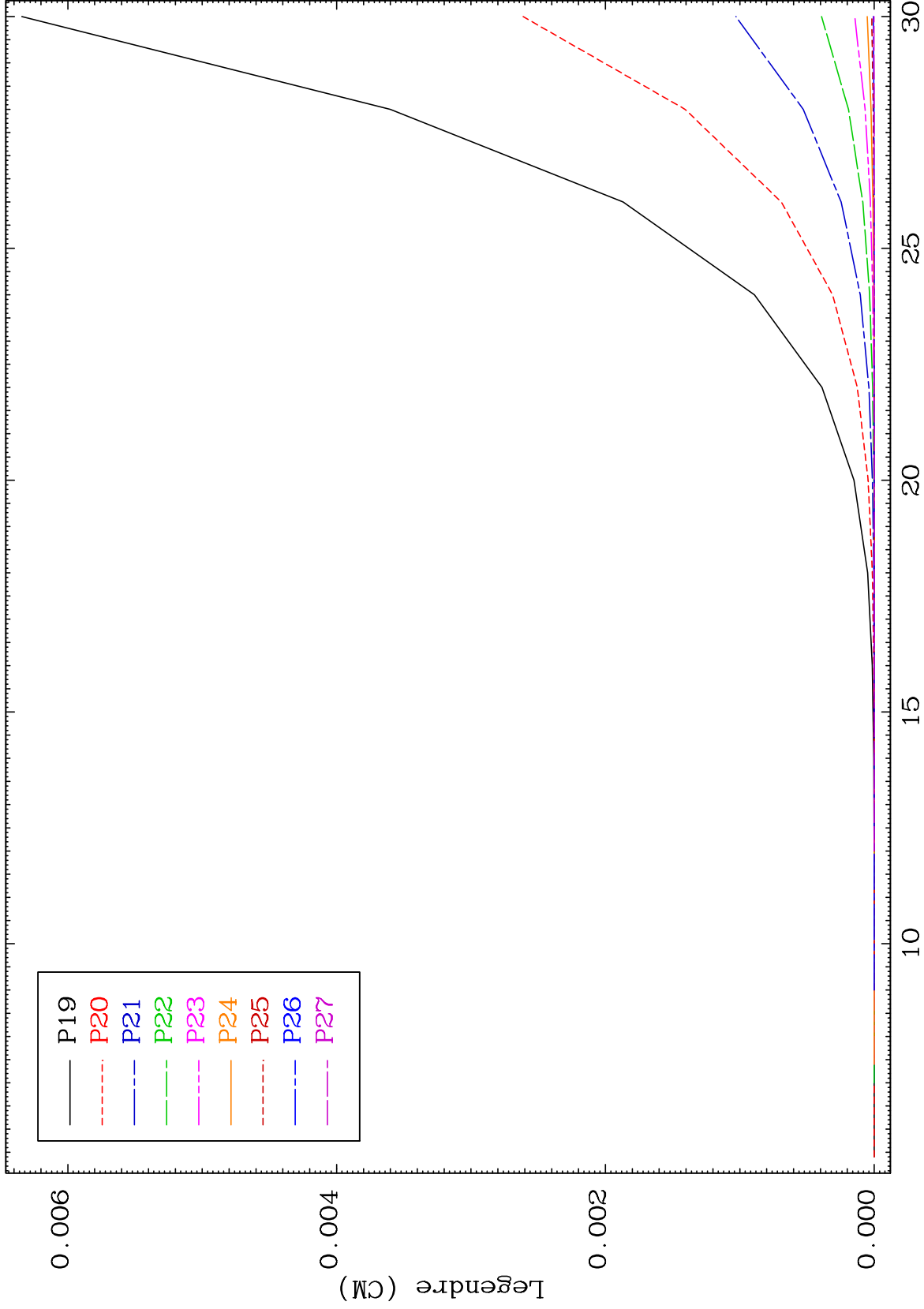


18

Incident Energy (MeV)

53-I -117

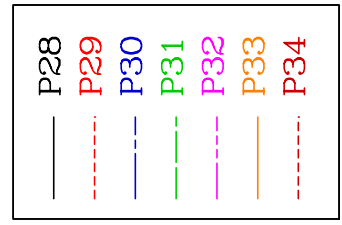
Elastic Legendre Coefficients



MAT 5295

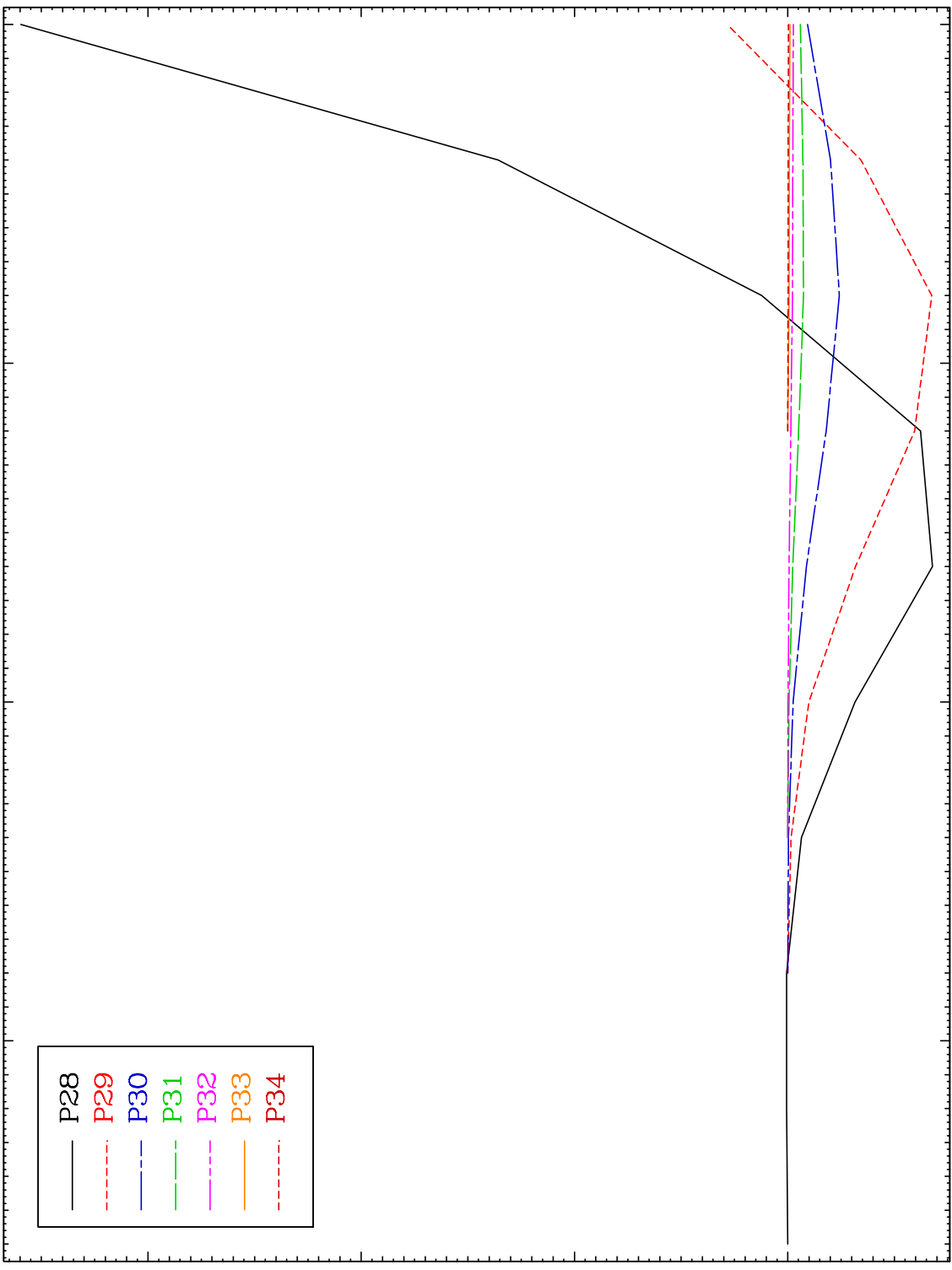
Elastic
Legendre Coefficients

53-I -117



$\times 10^{-7}$

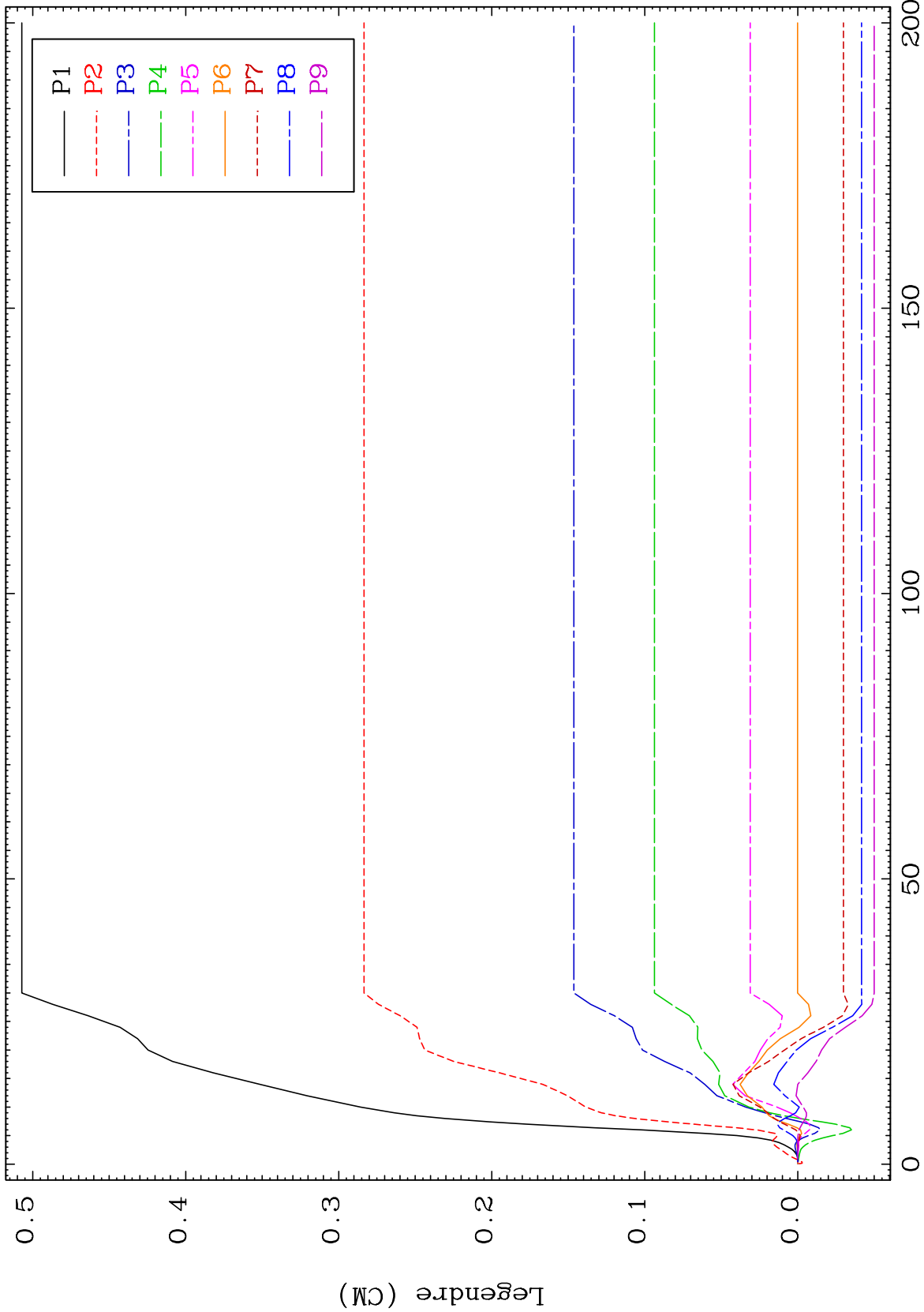
Legendre (CM)

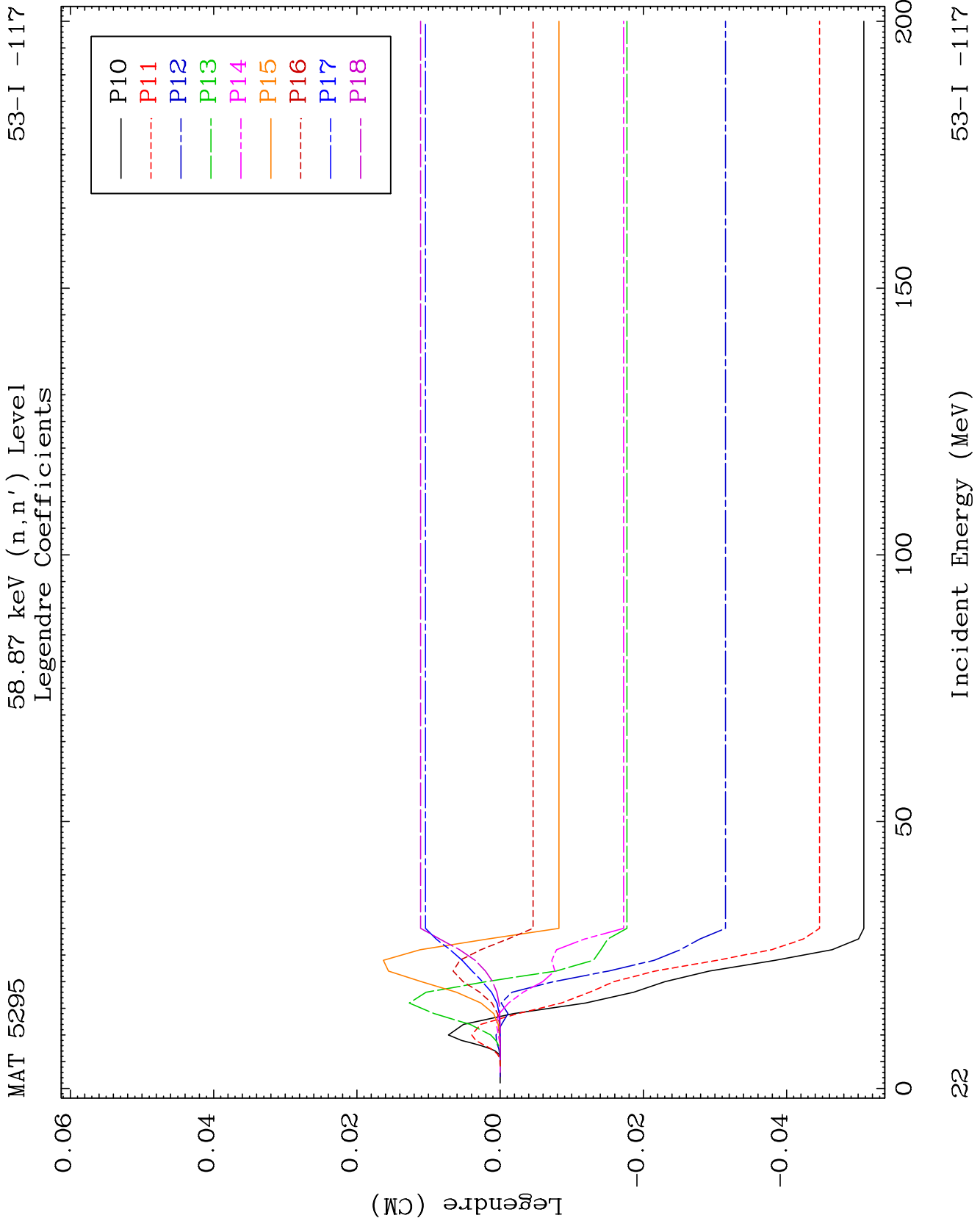


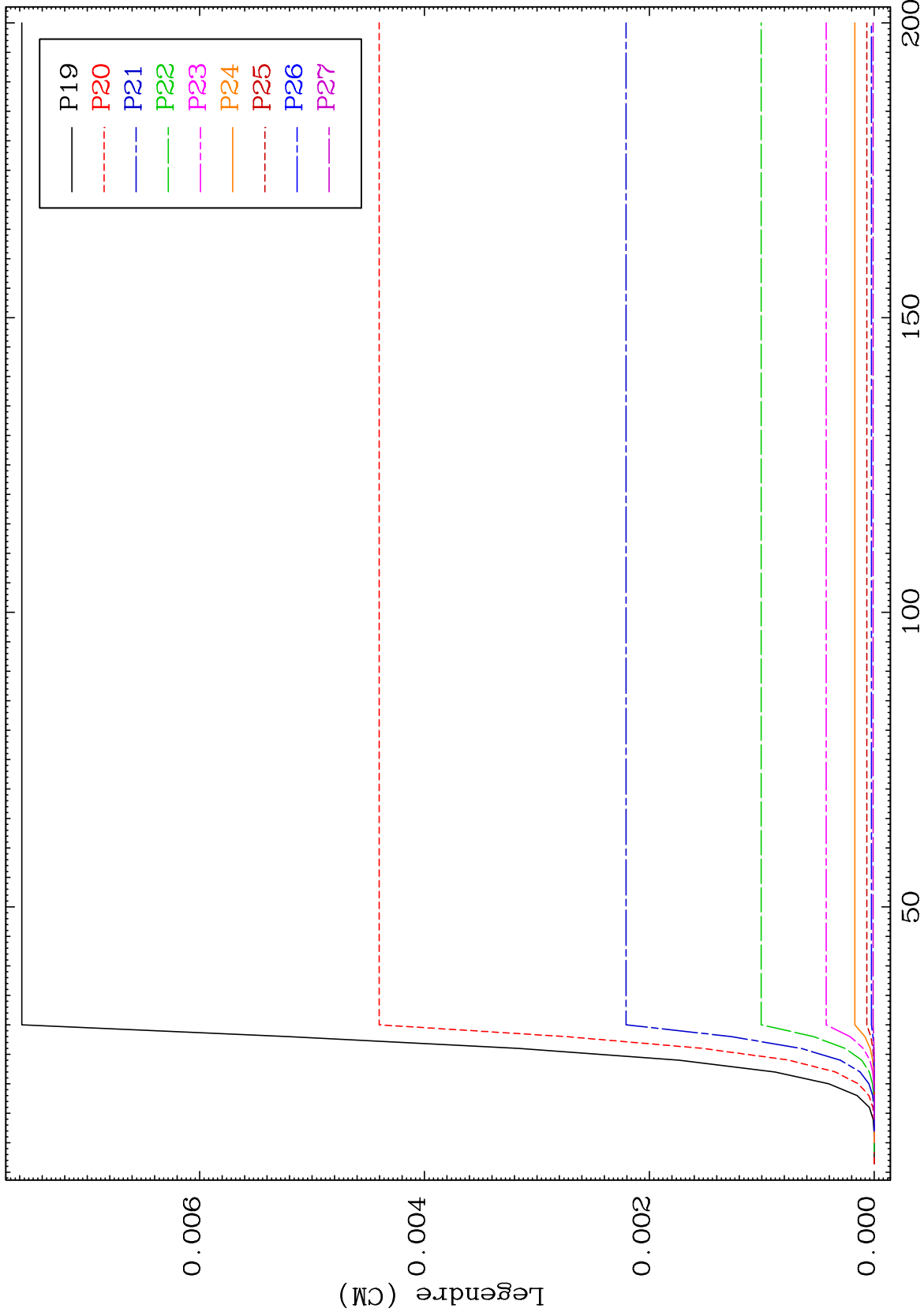
20

Incident Energy (MeV)

53-I -117



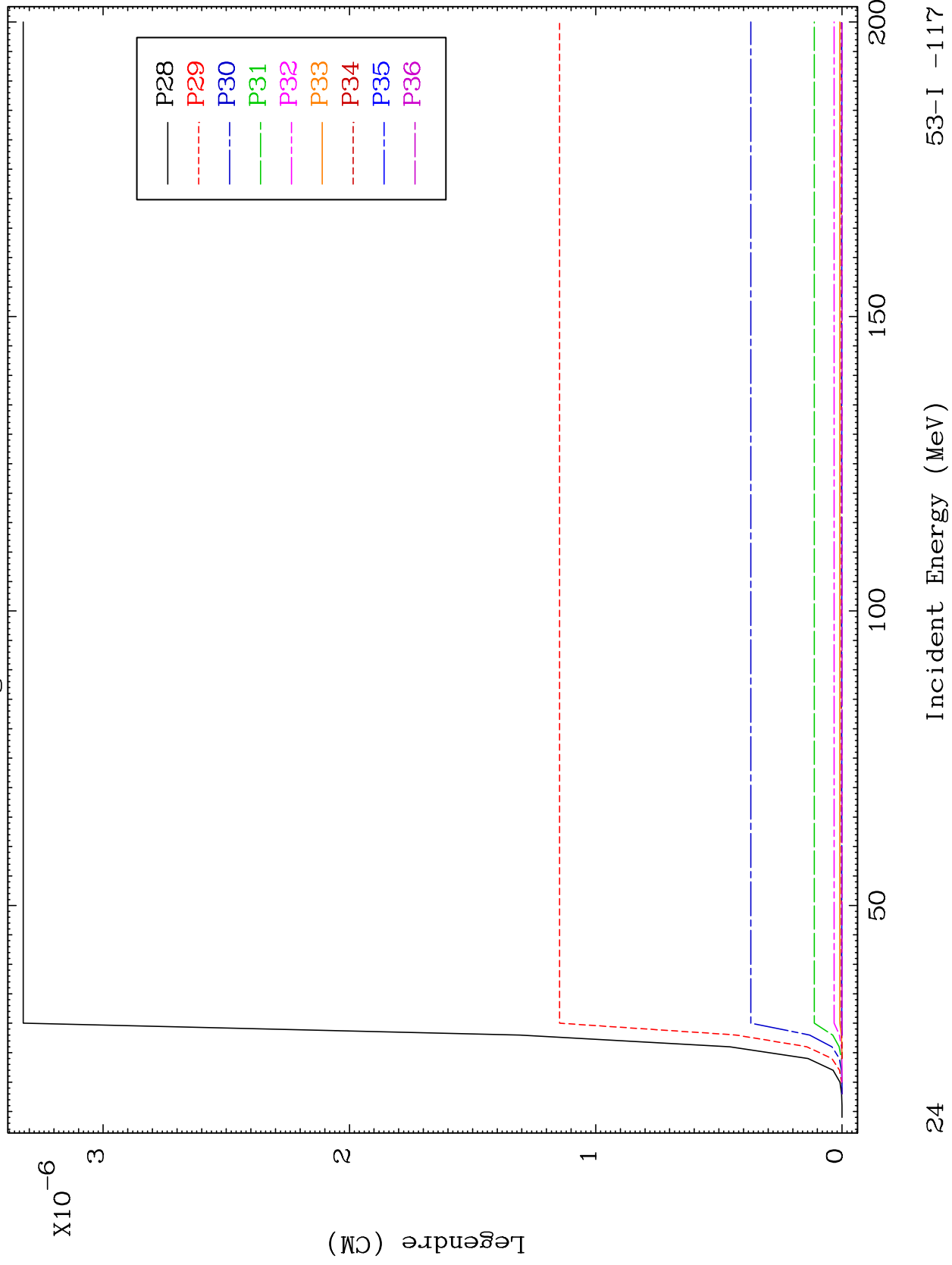




MAT 5295

58.87 keV (n,n') Level
Legendre Coefficients

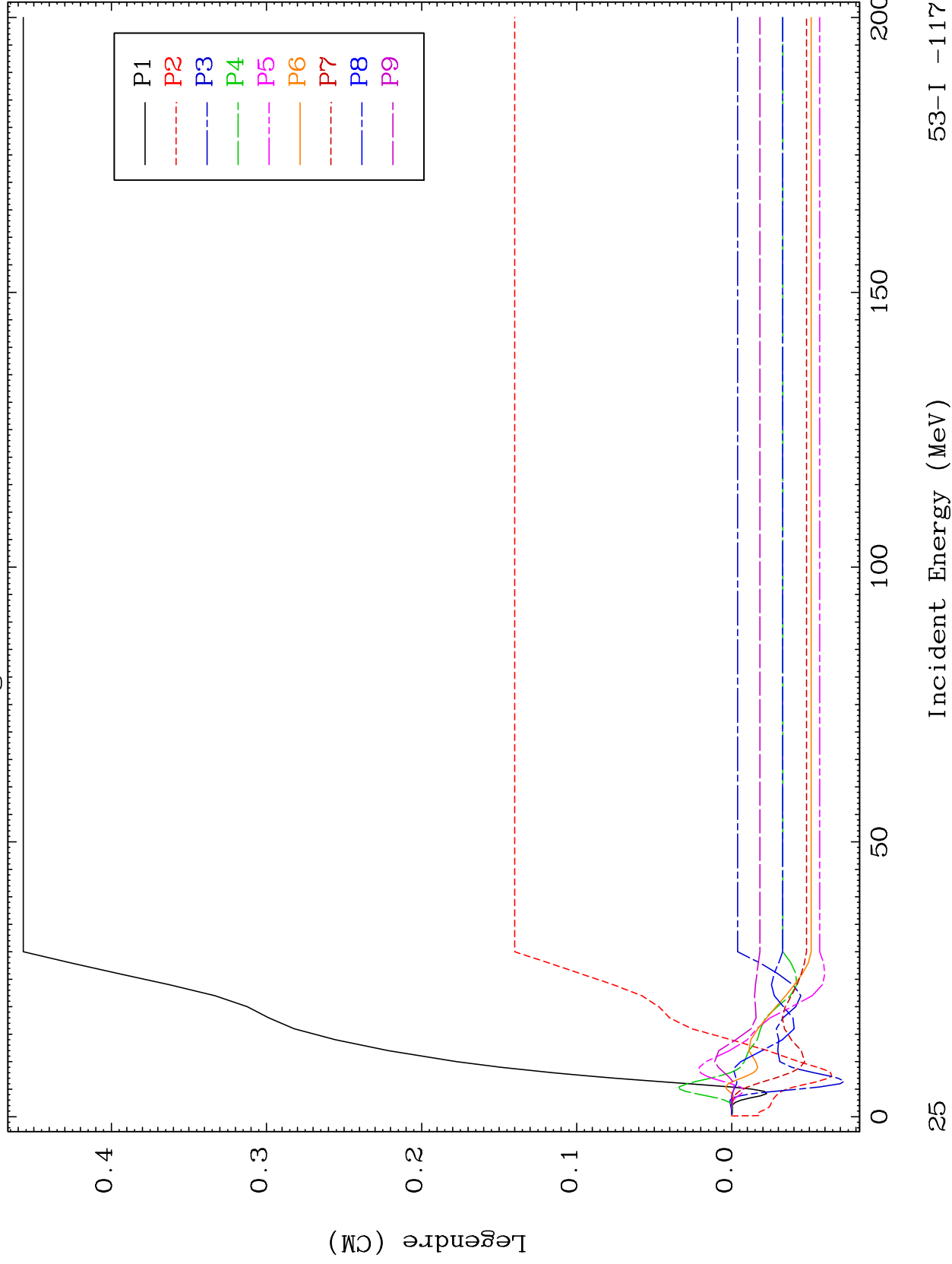
53-I -117



MAT 5295

116.7 keV (n,n') Level
Legendre Coefficients

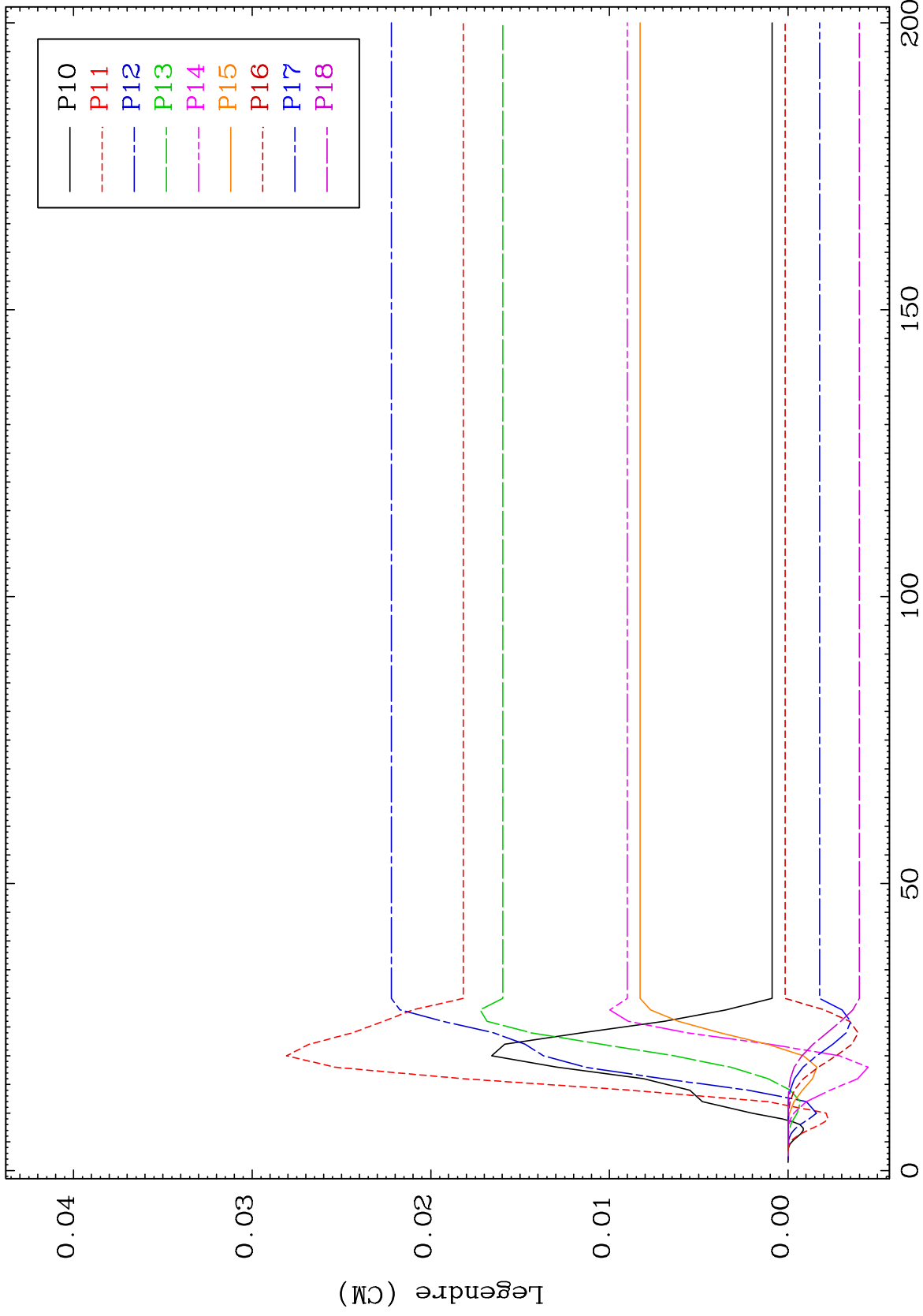
53-I -117

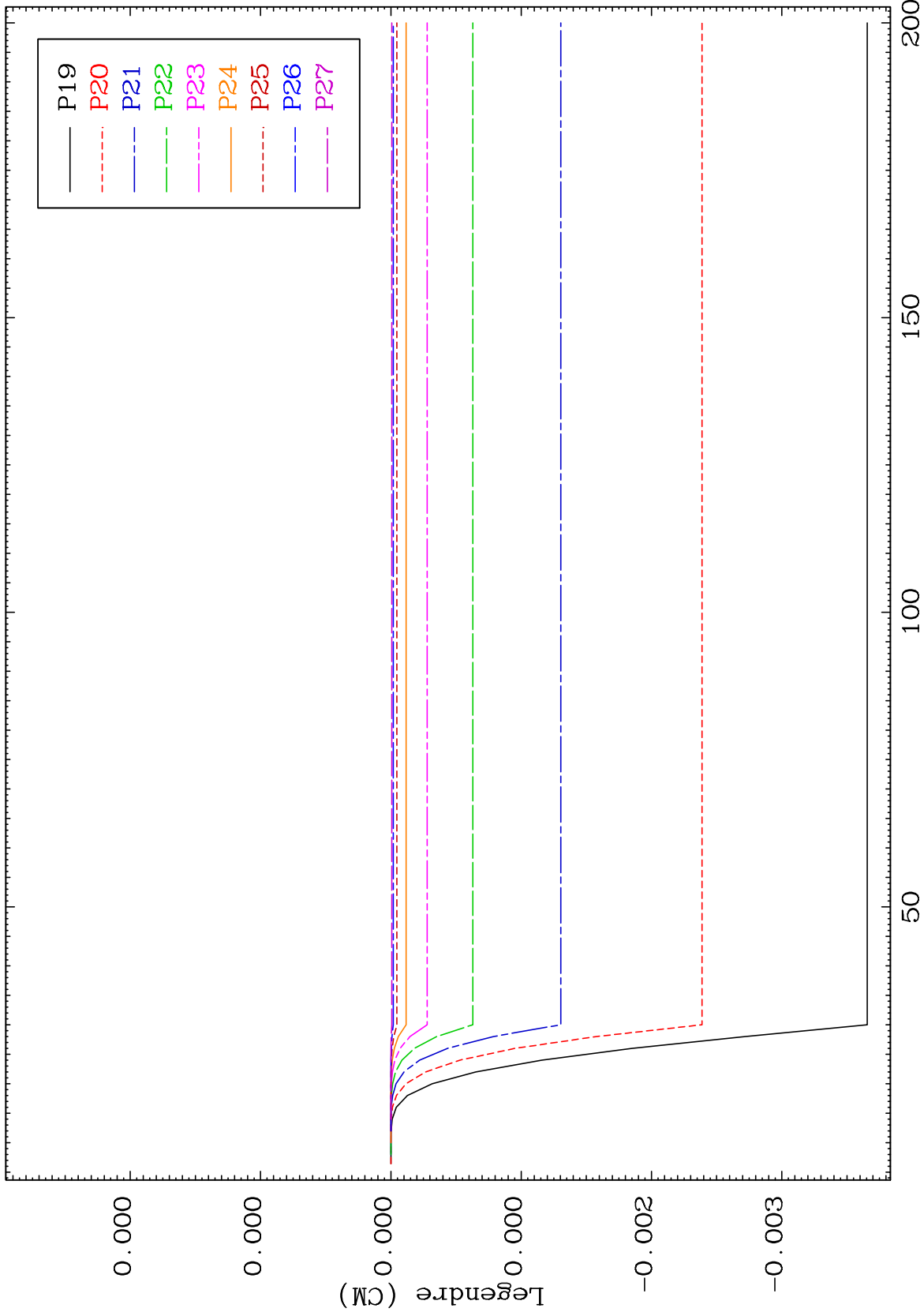


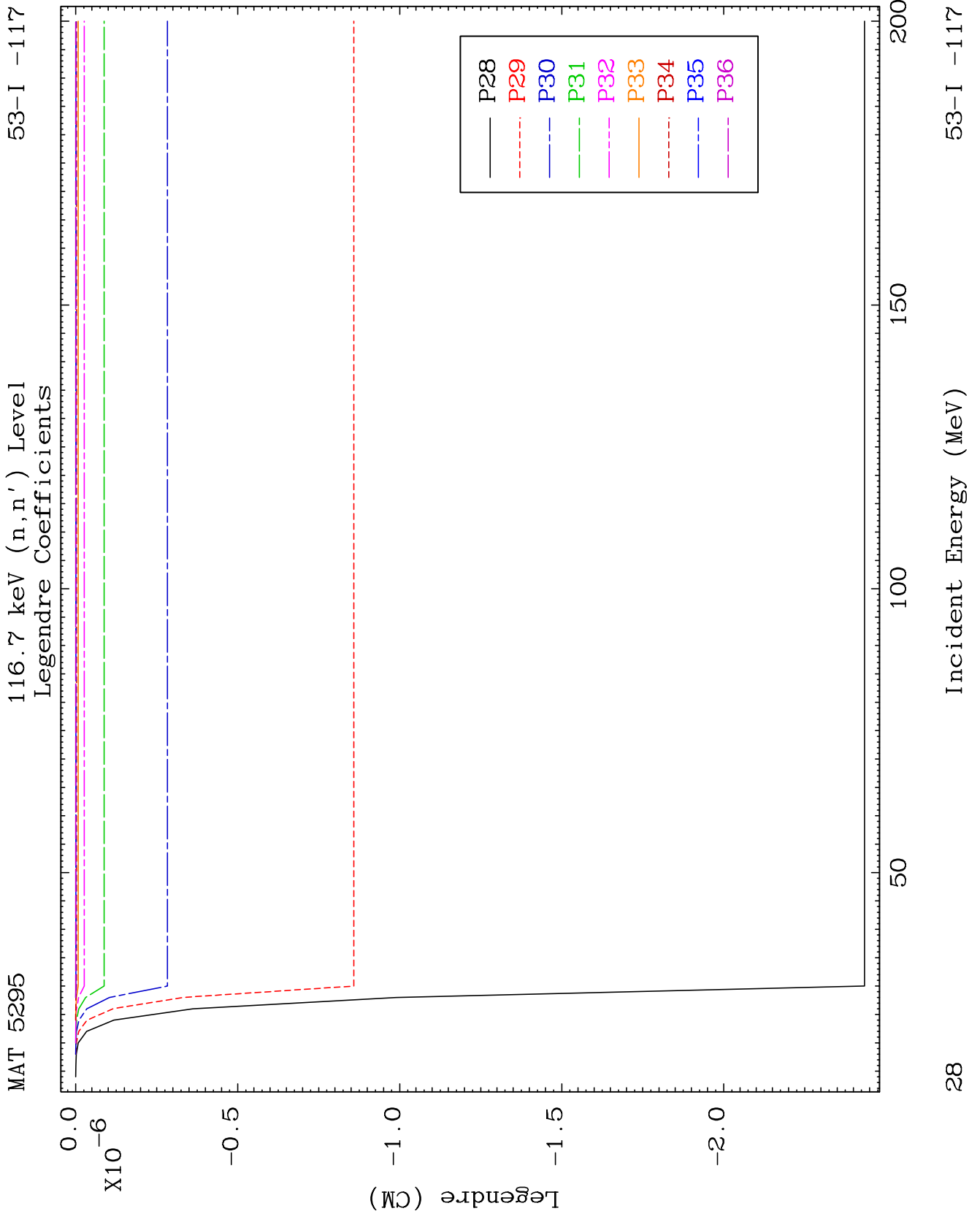
53-I -117

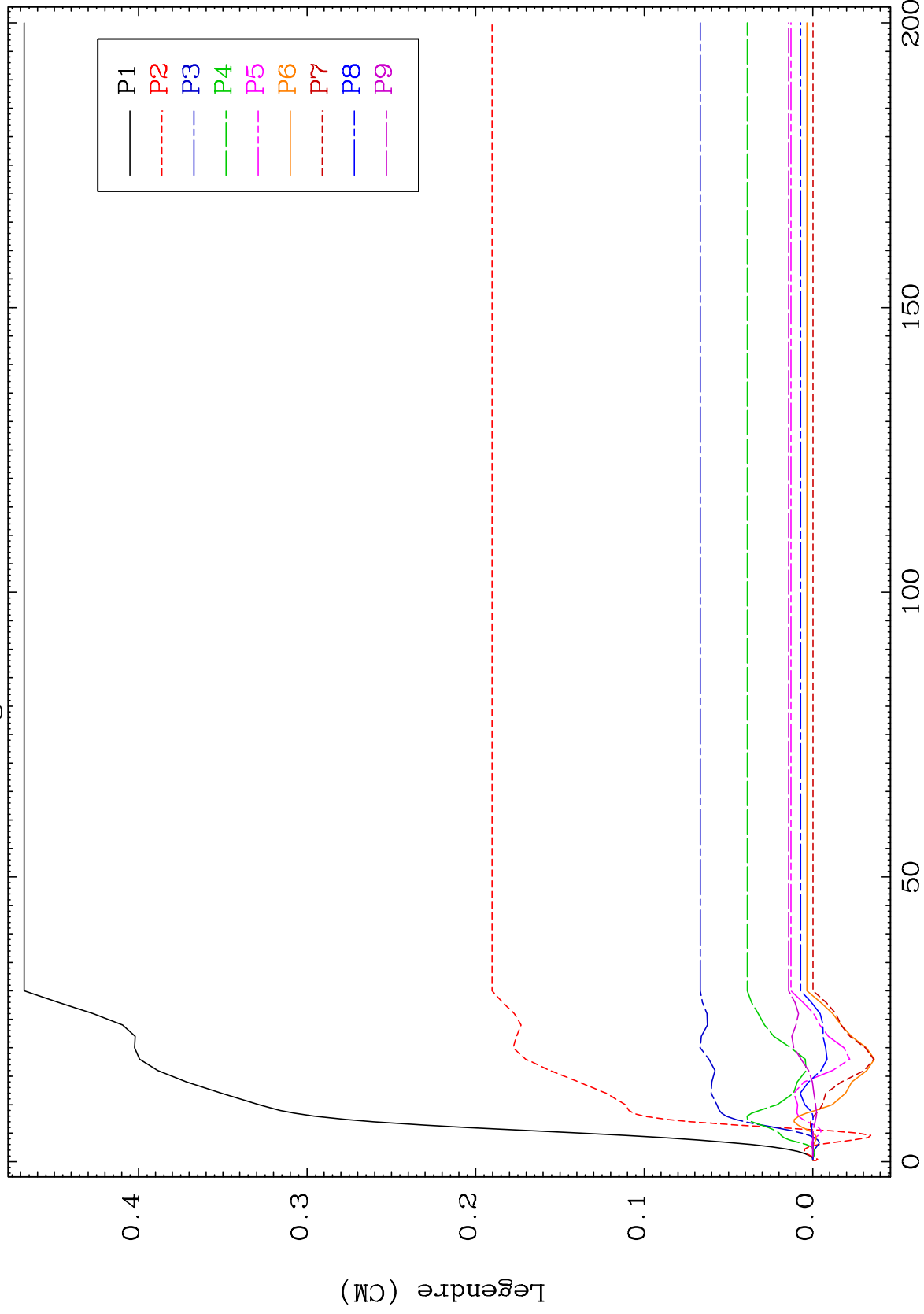
Incident Energy (MeV)

25





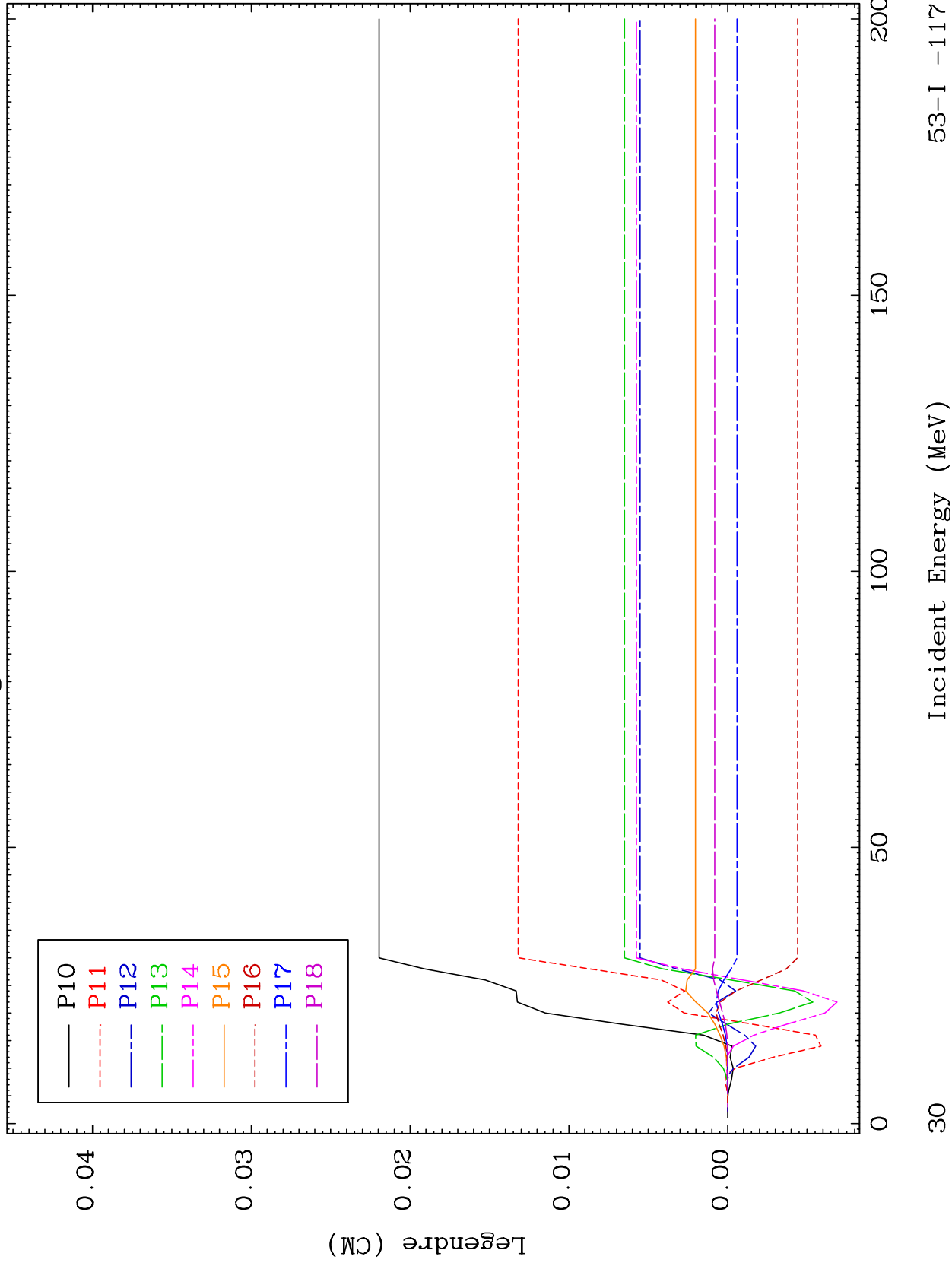




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160.6 keV (n,n') Level
Legendre Coefficients

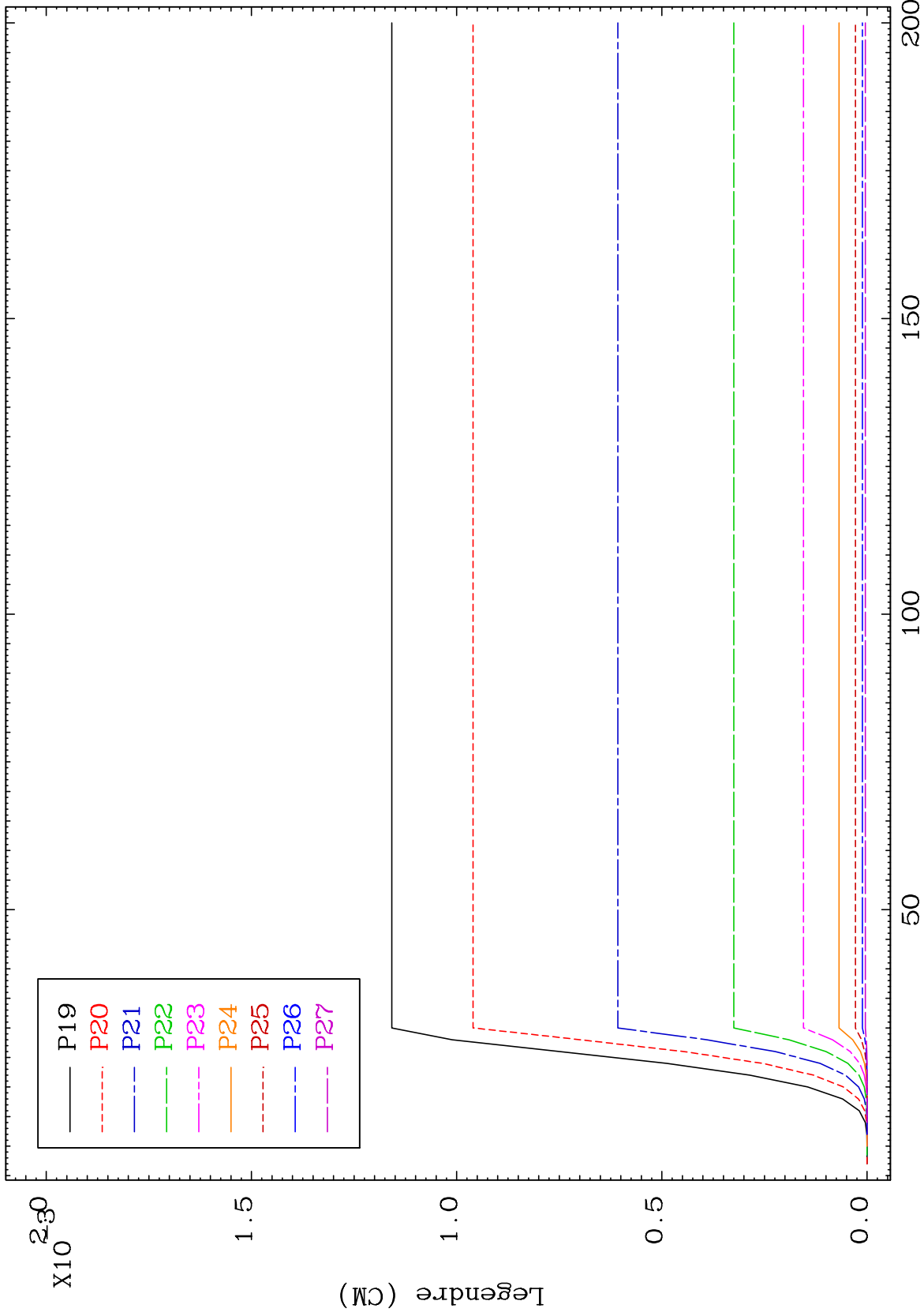
53-I -117

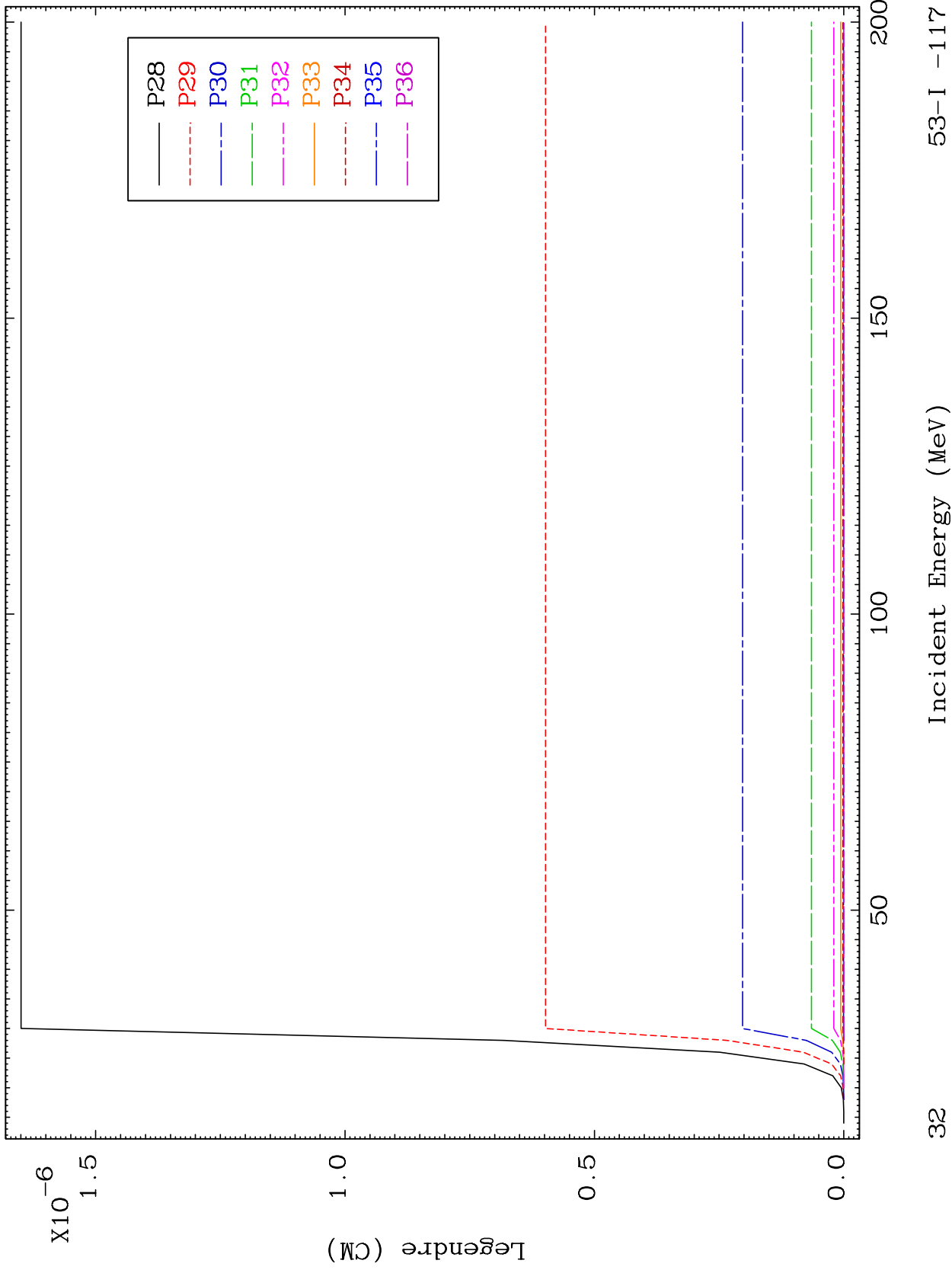


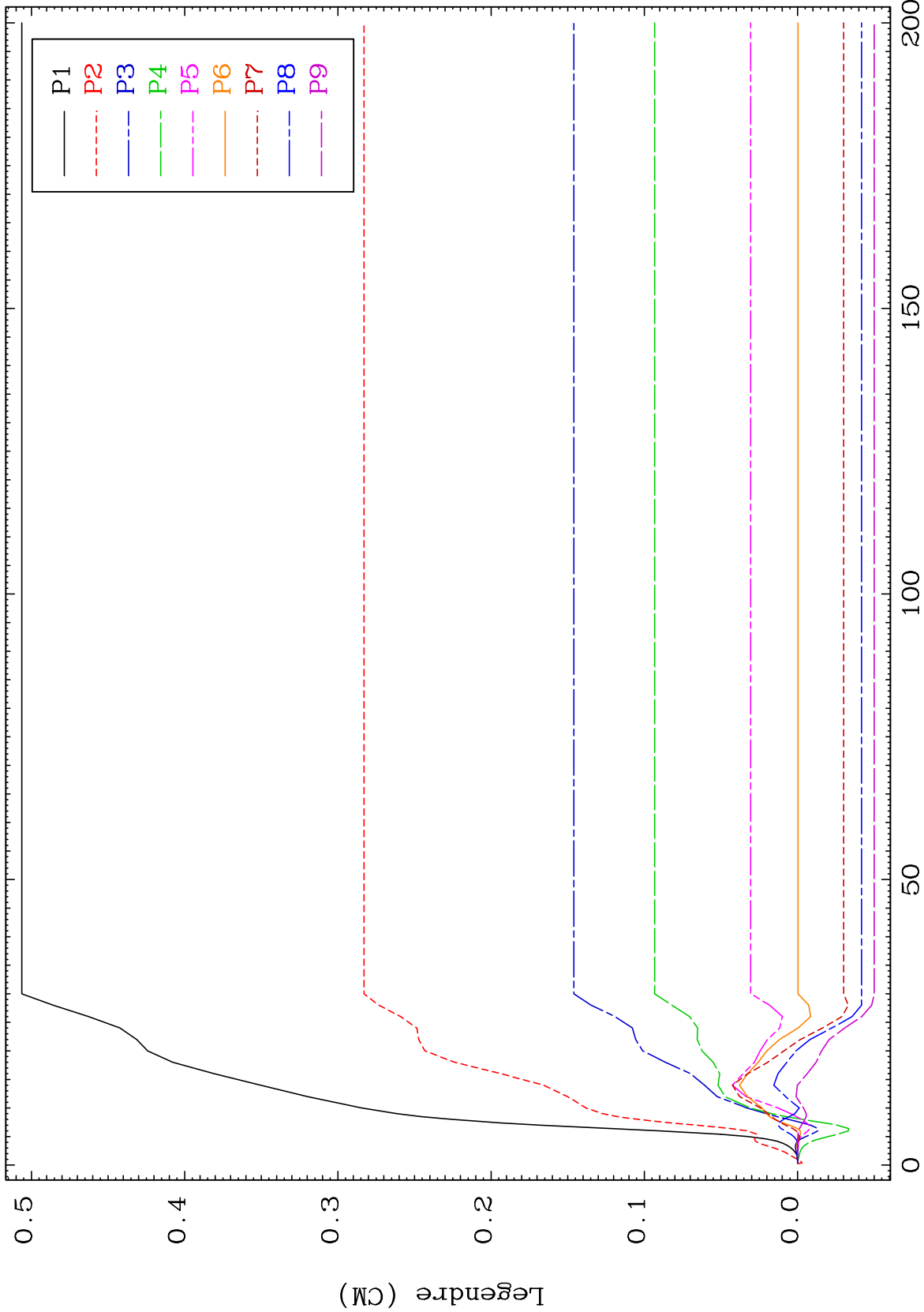
53-I -117

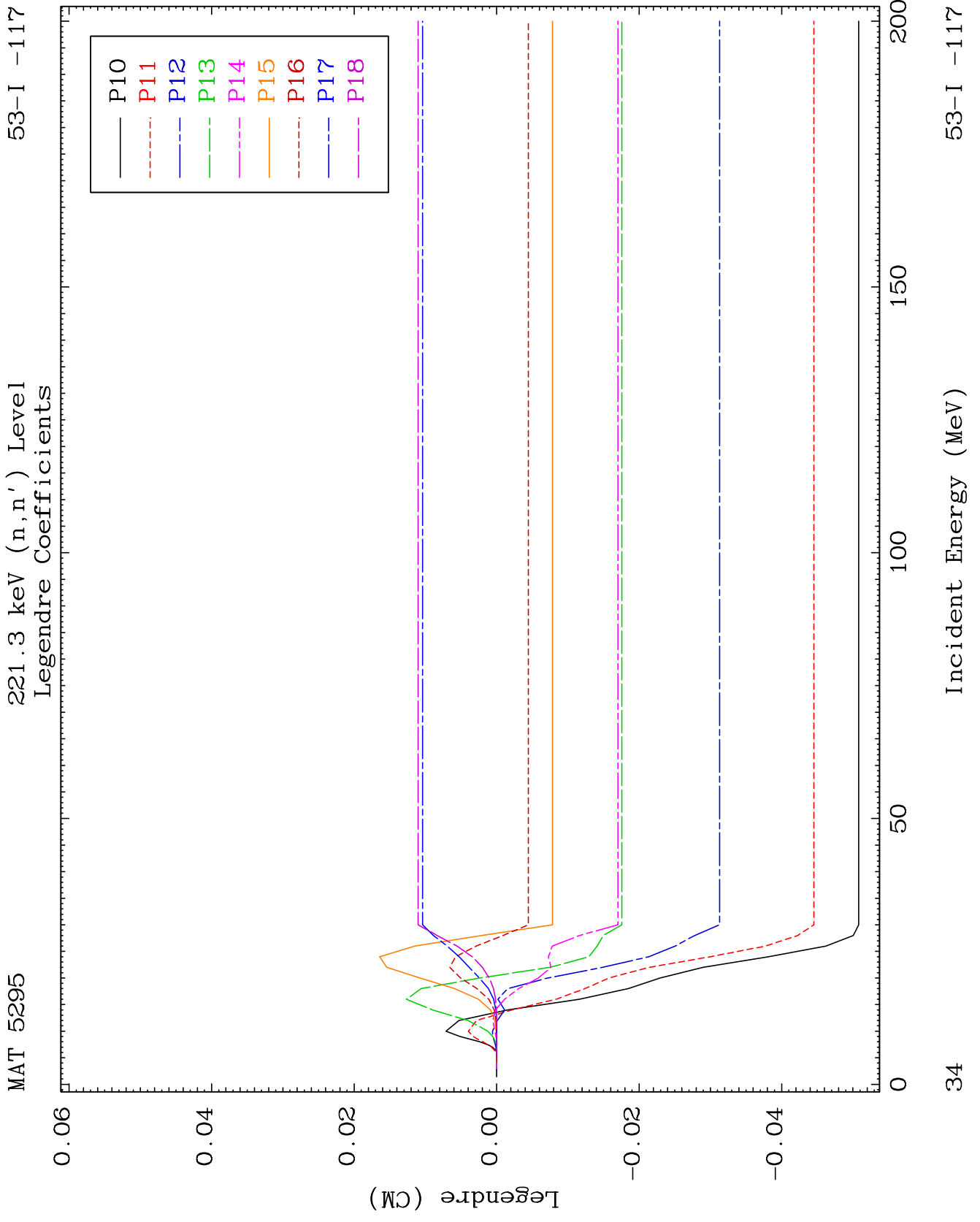
Incident Energy (MeV)

30





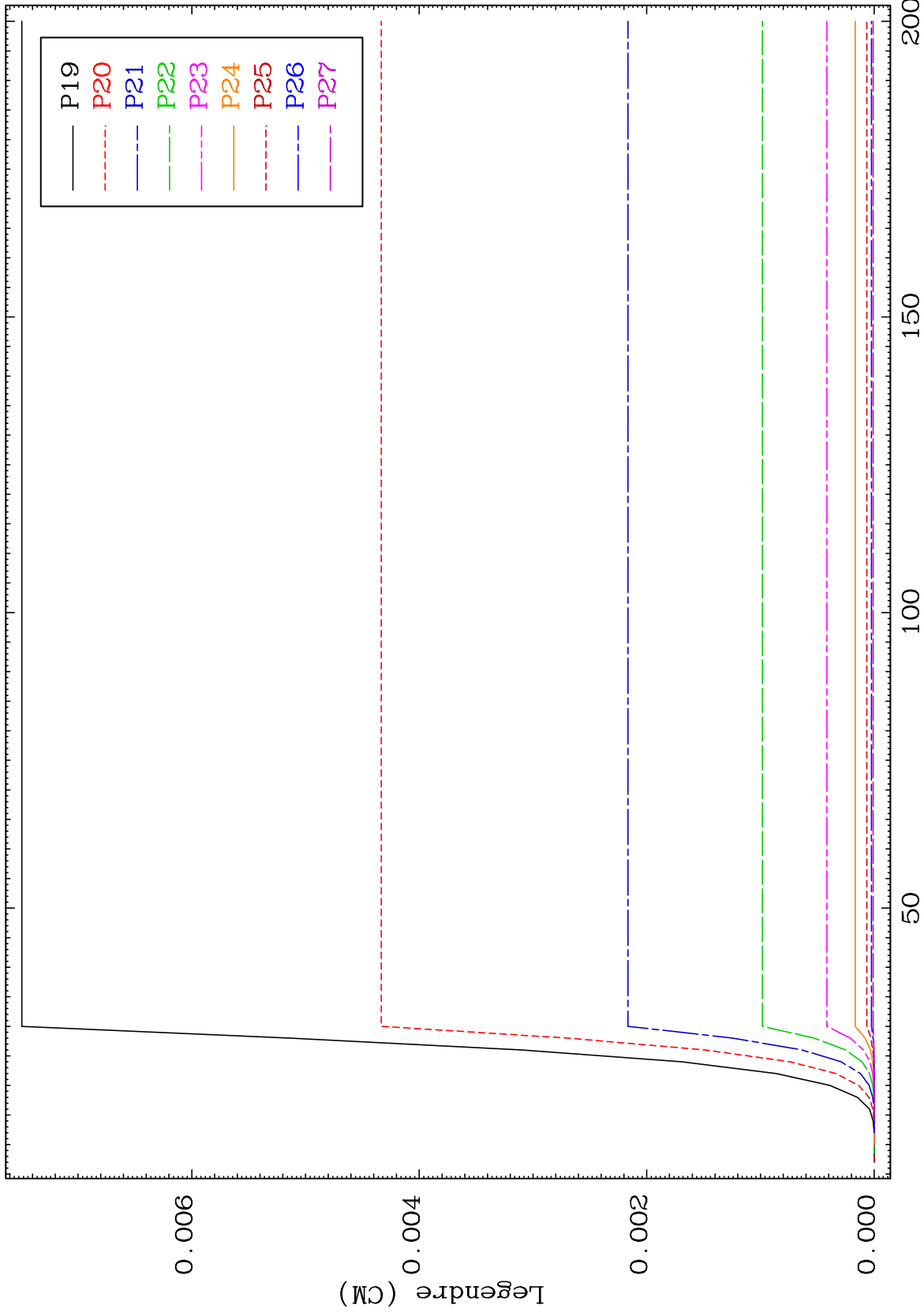




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221.3 keV (n,n') Level
Legendre Coefficients

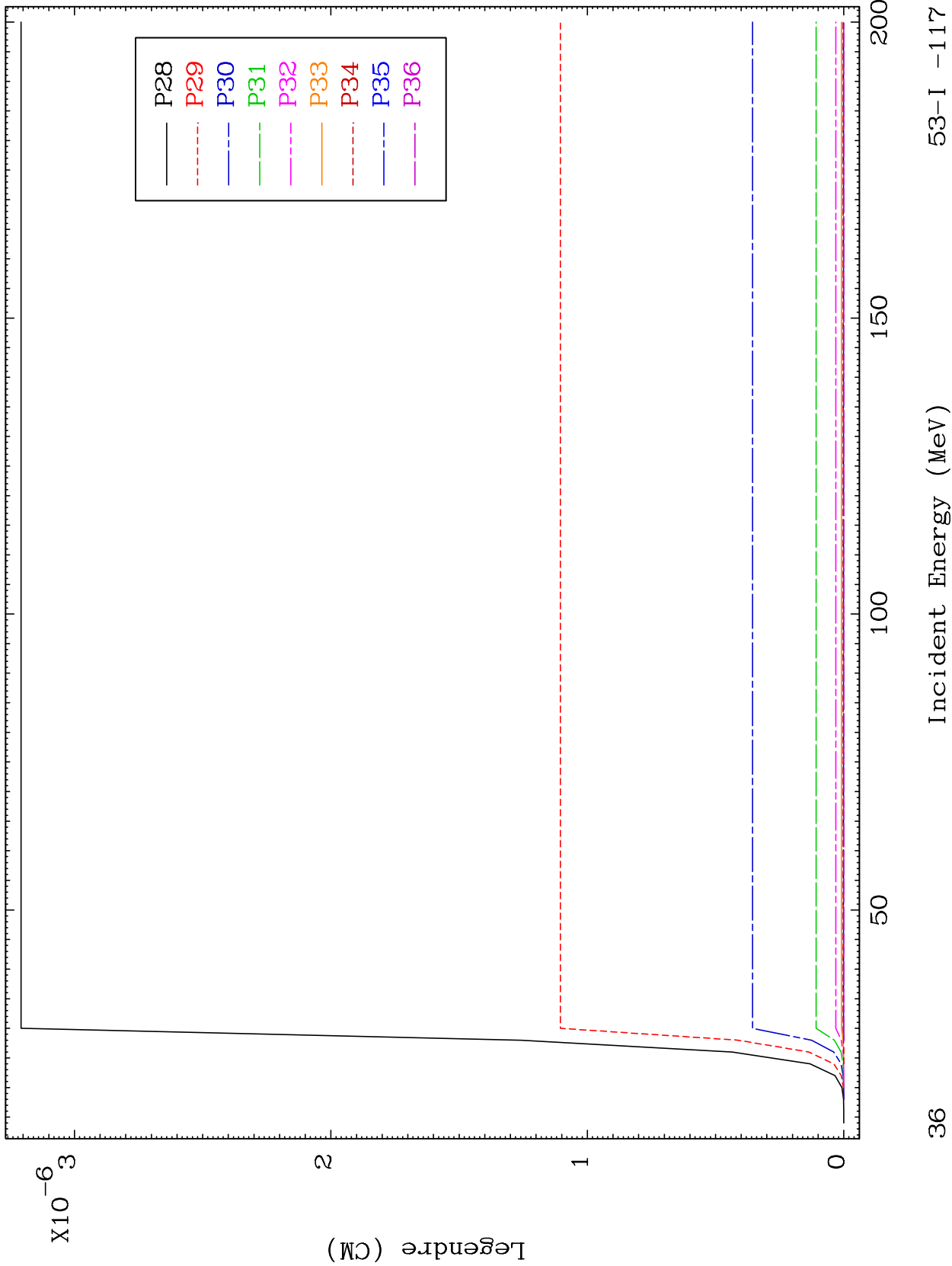
53-I -117

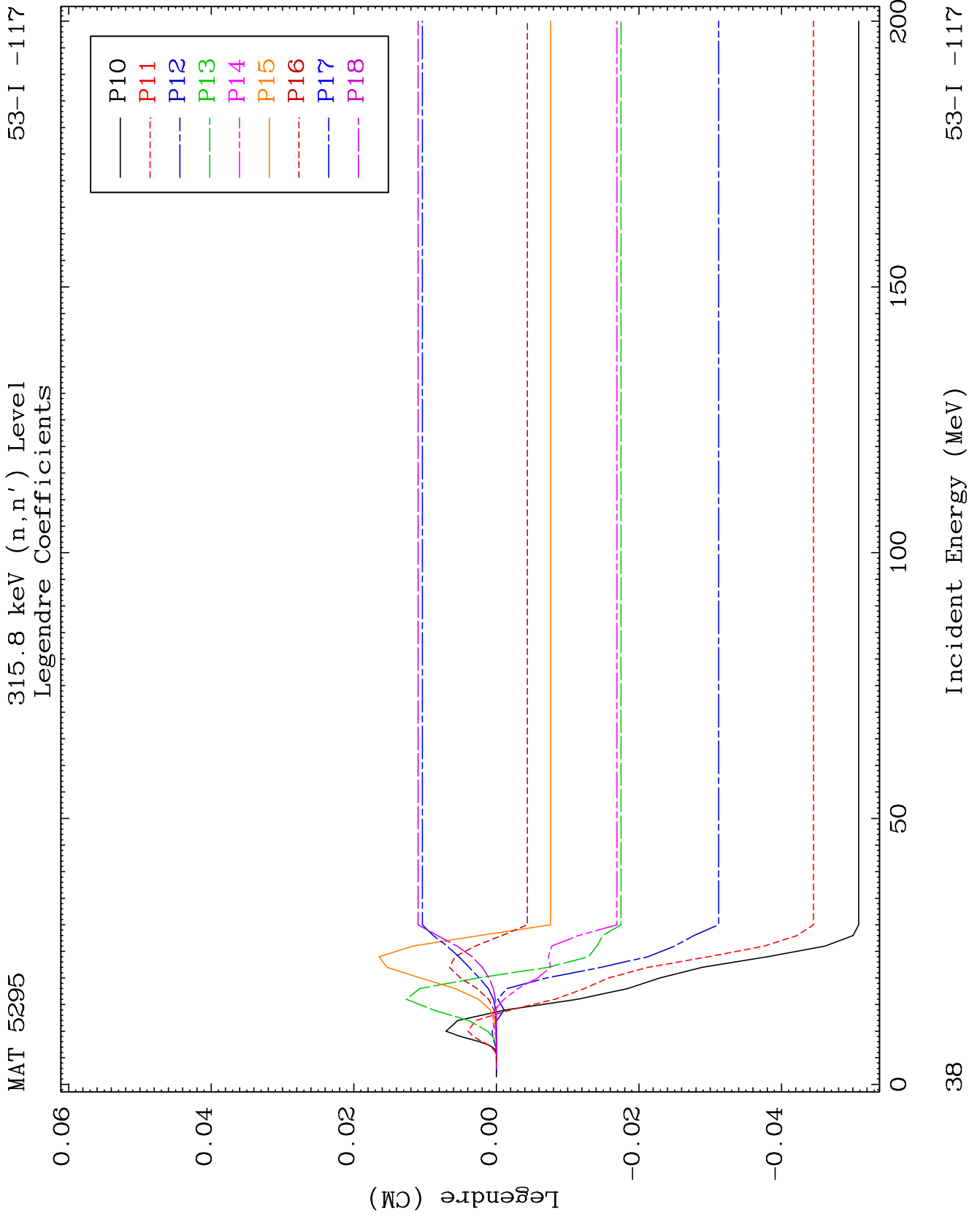


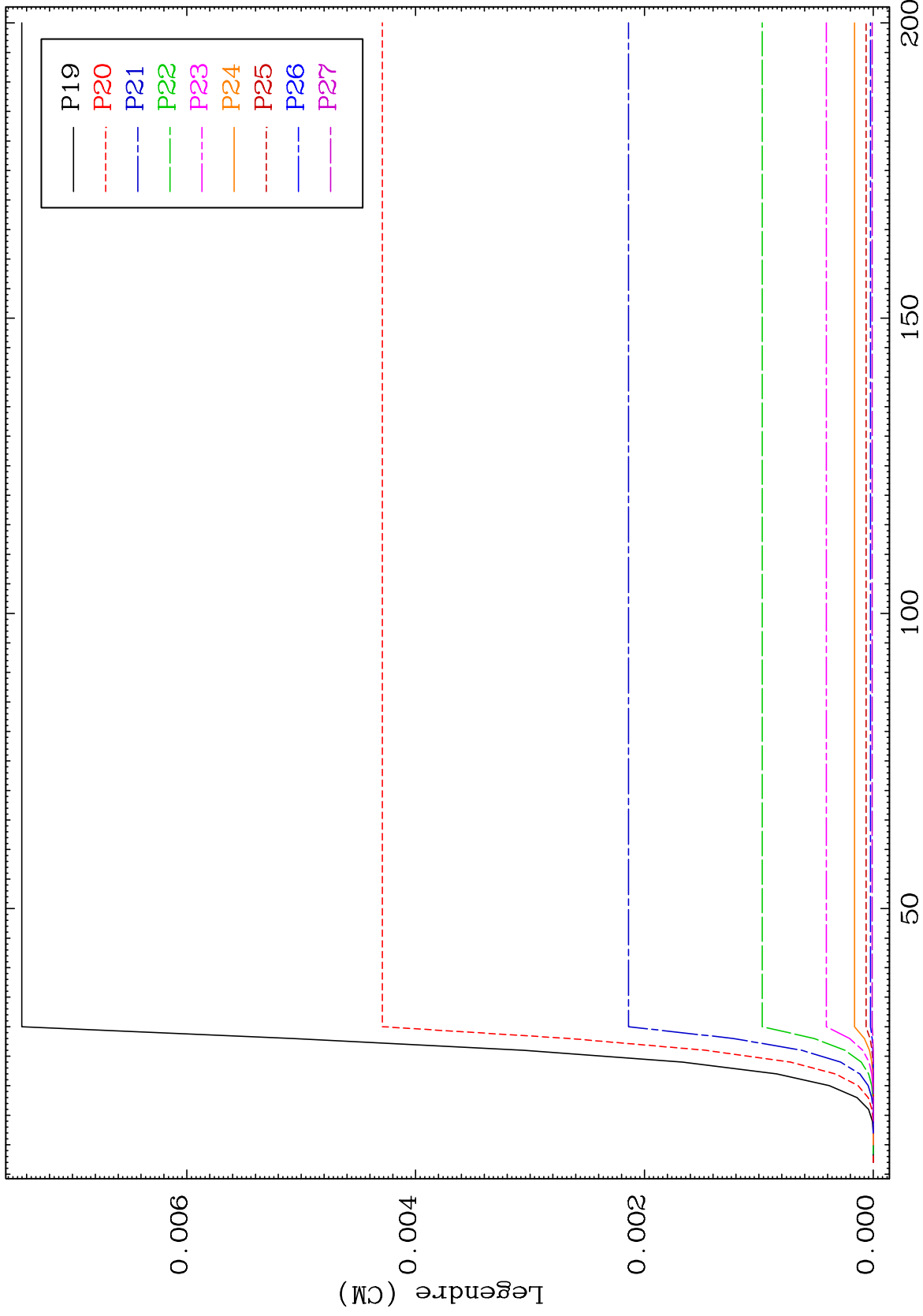
35

Incident Energy (MeV)

53-I -117



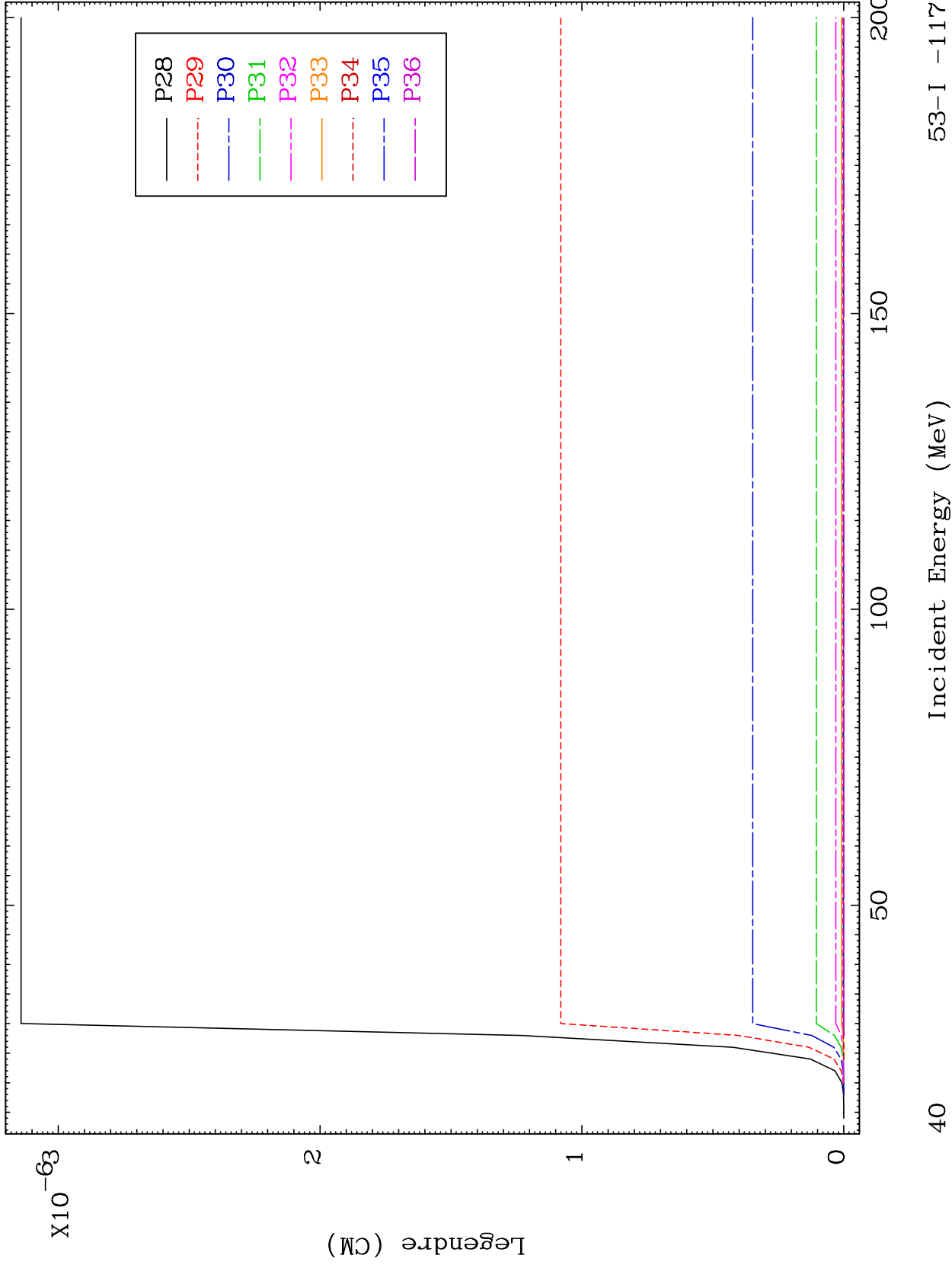




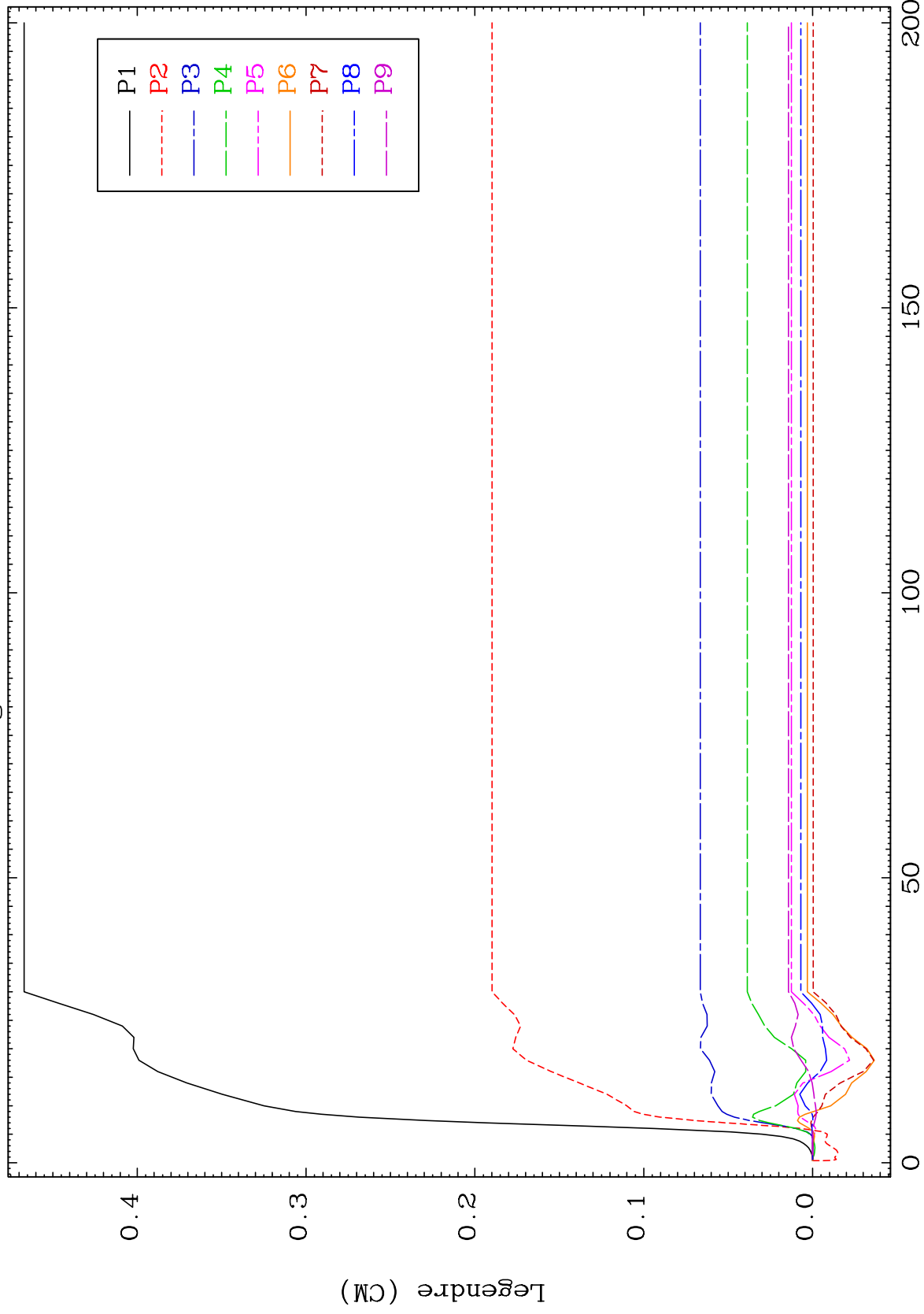
MAT 5295

315.8 keV (n,n') Level
Legendre Coefficients

53-I -117



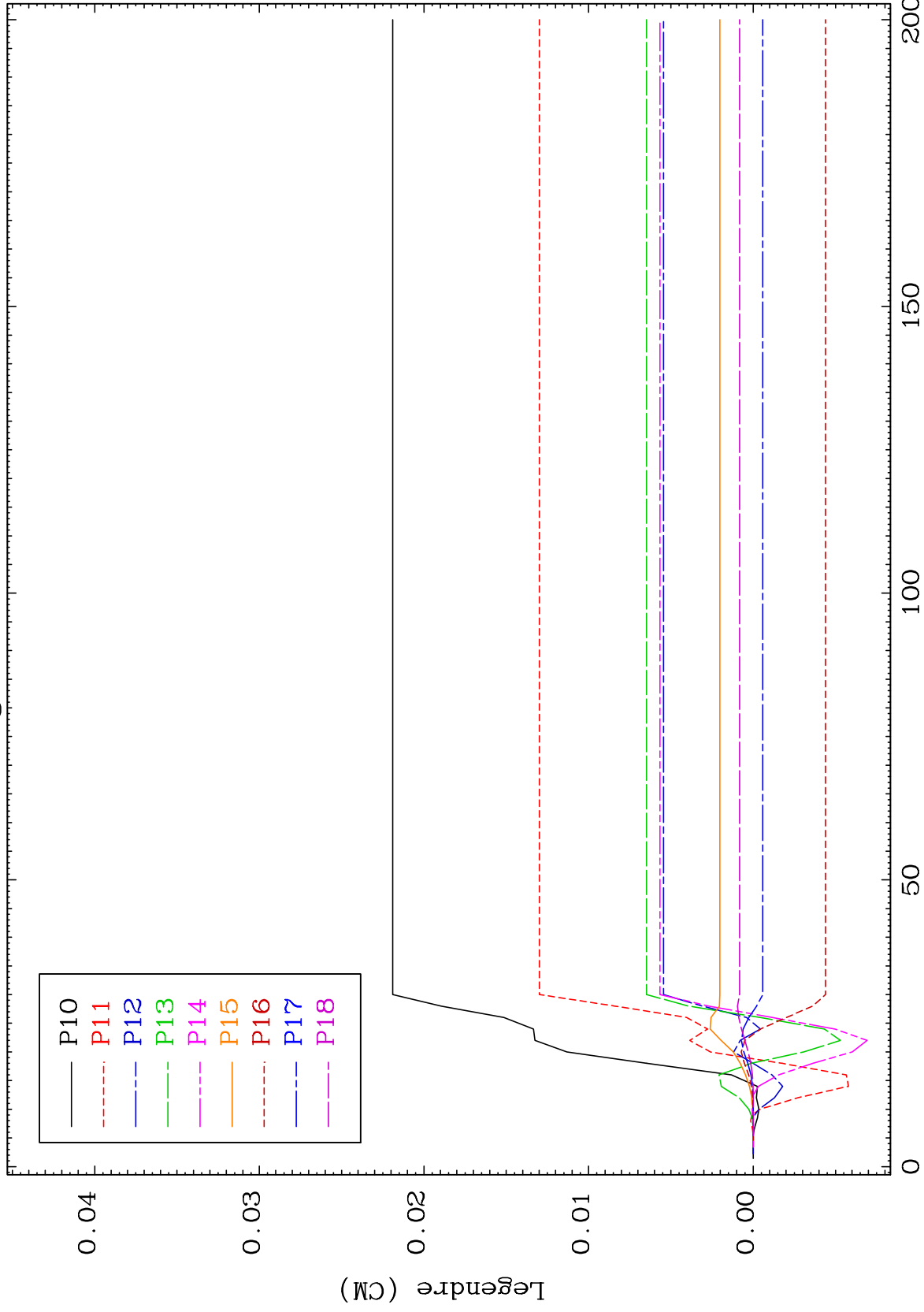
53-I -117



MAT 5295

353.6 keV (n,n') Level
Legendre Coefficients

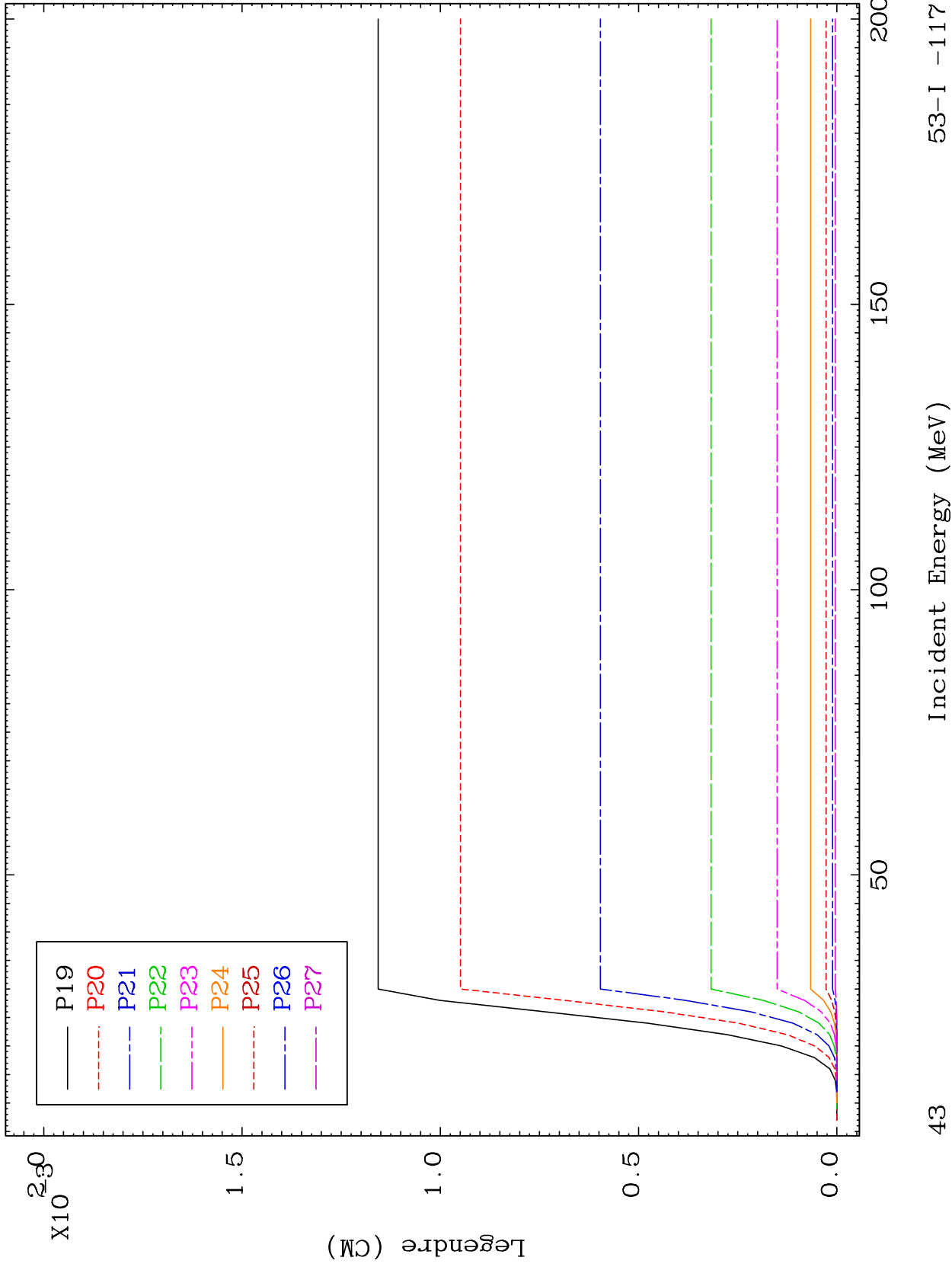
53-I -117



42

Incident Energy (MeV)

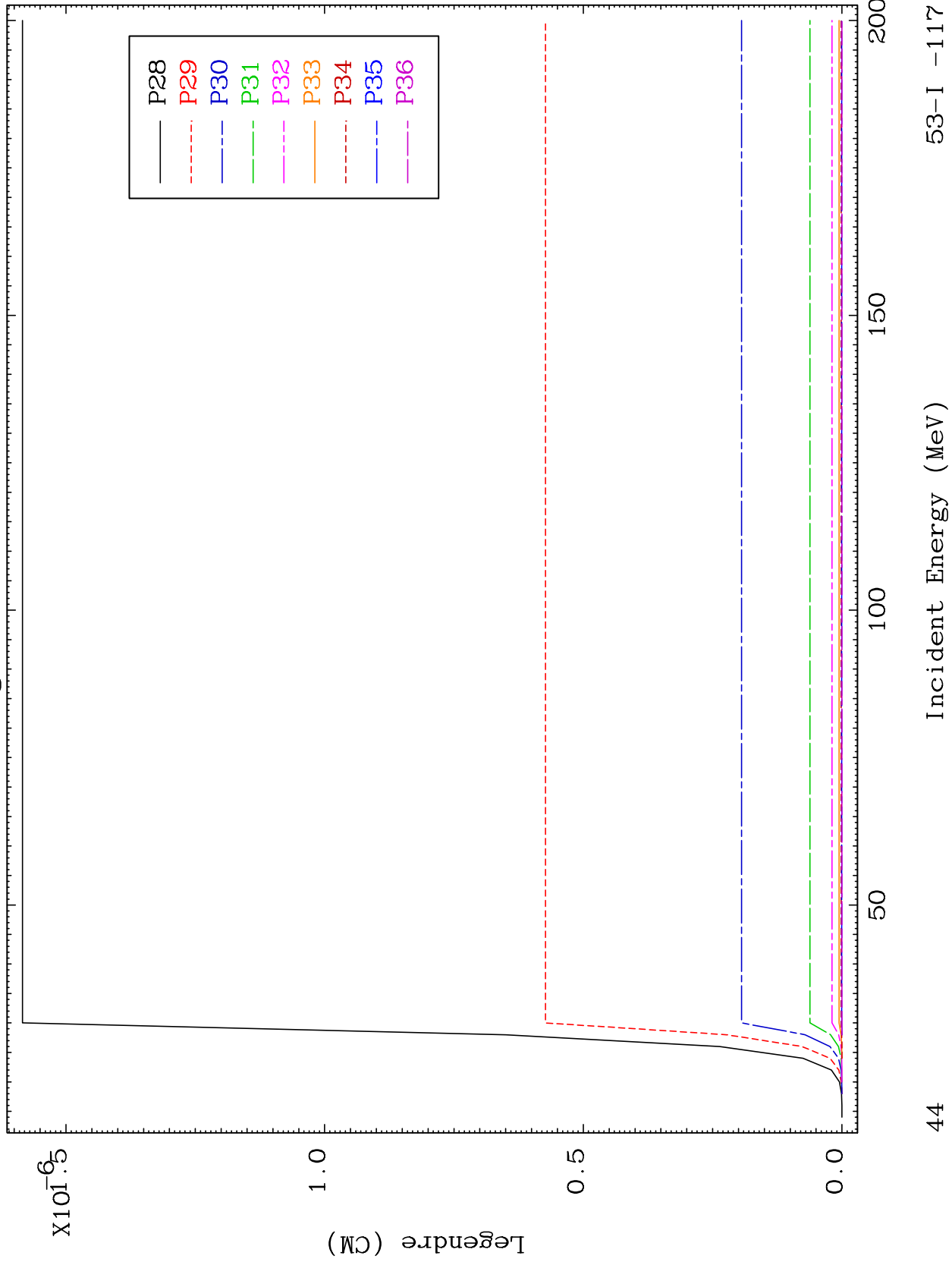
53-I -117



MAT 5295

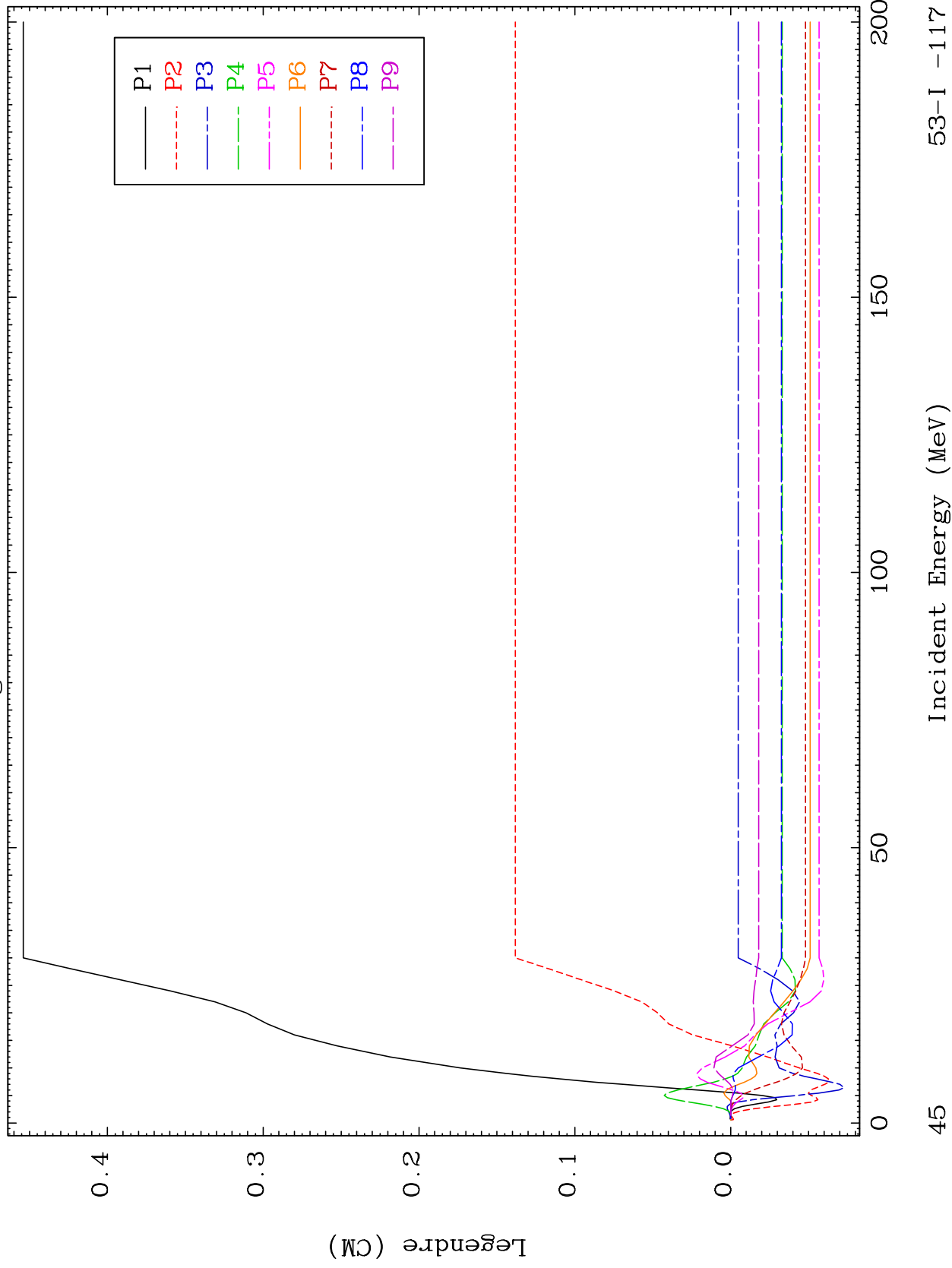
353.6 keV (n,n') Level
Legendre Coefficients

53-I -117



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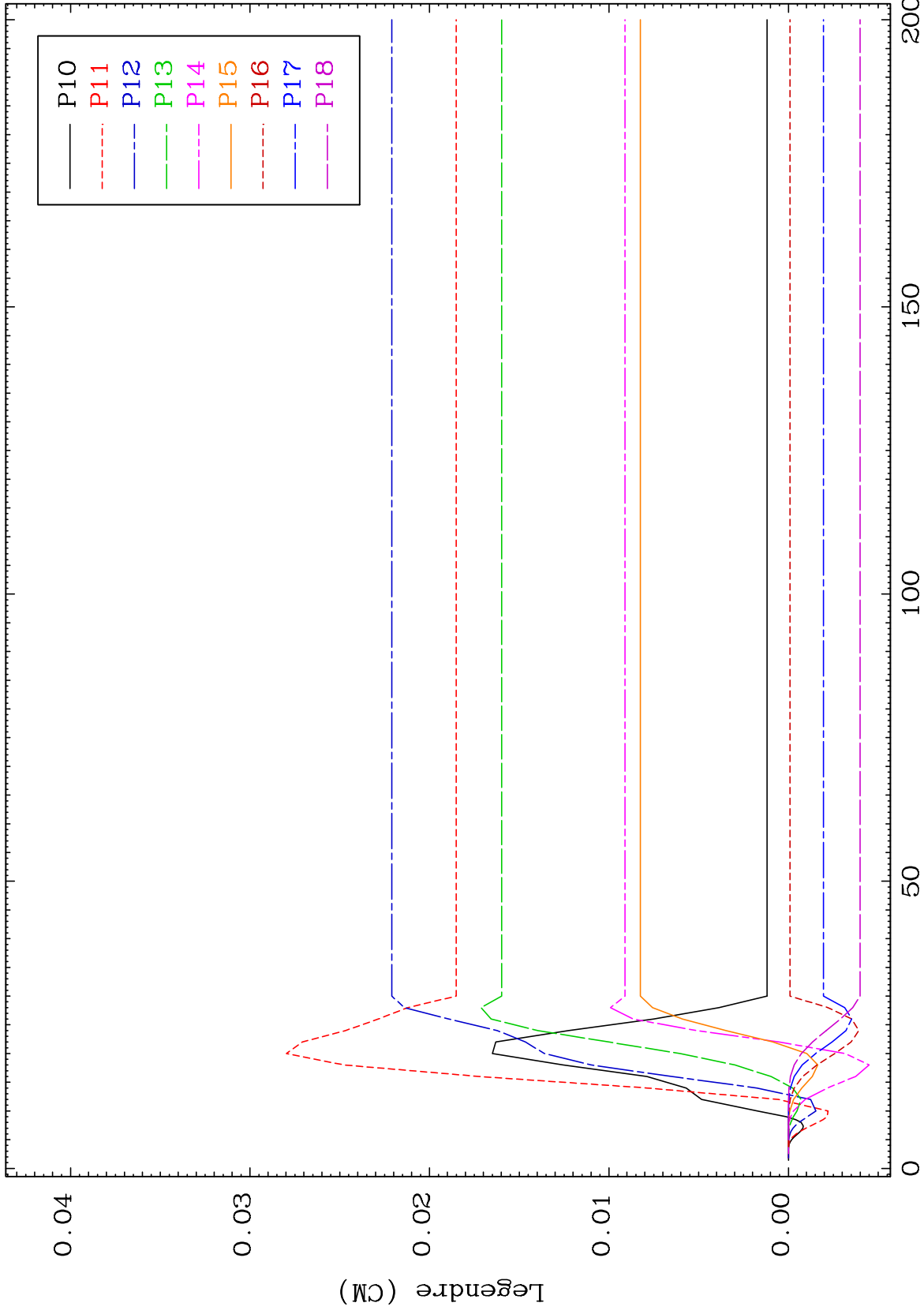
53-I -117



MAT 5295

519.1 keV (n,n') Level
Legendre Coefficients

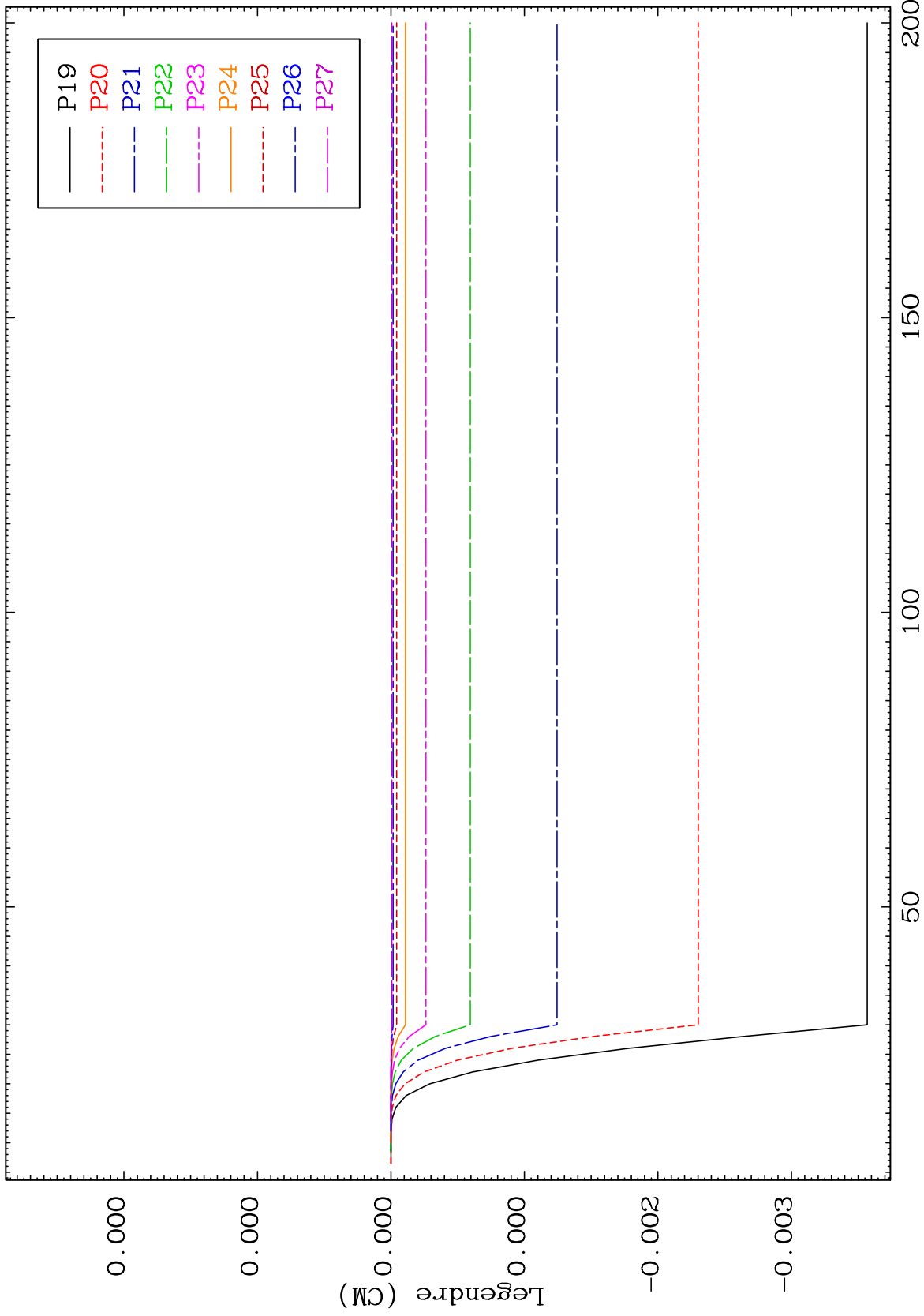
53-I -117

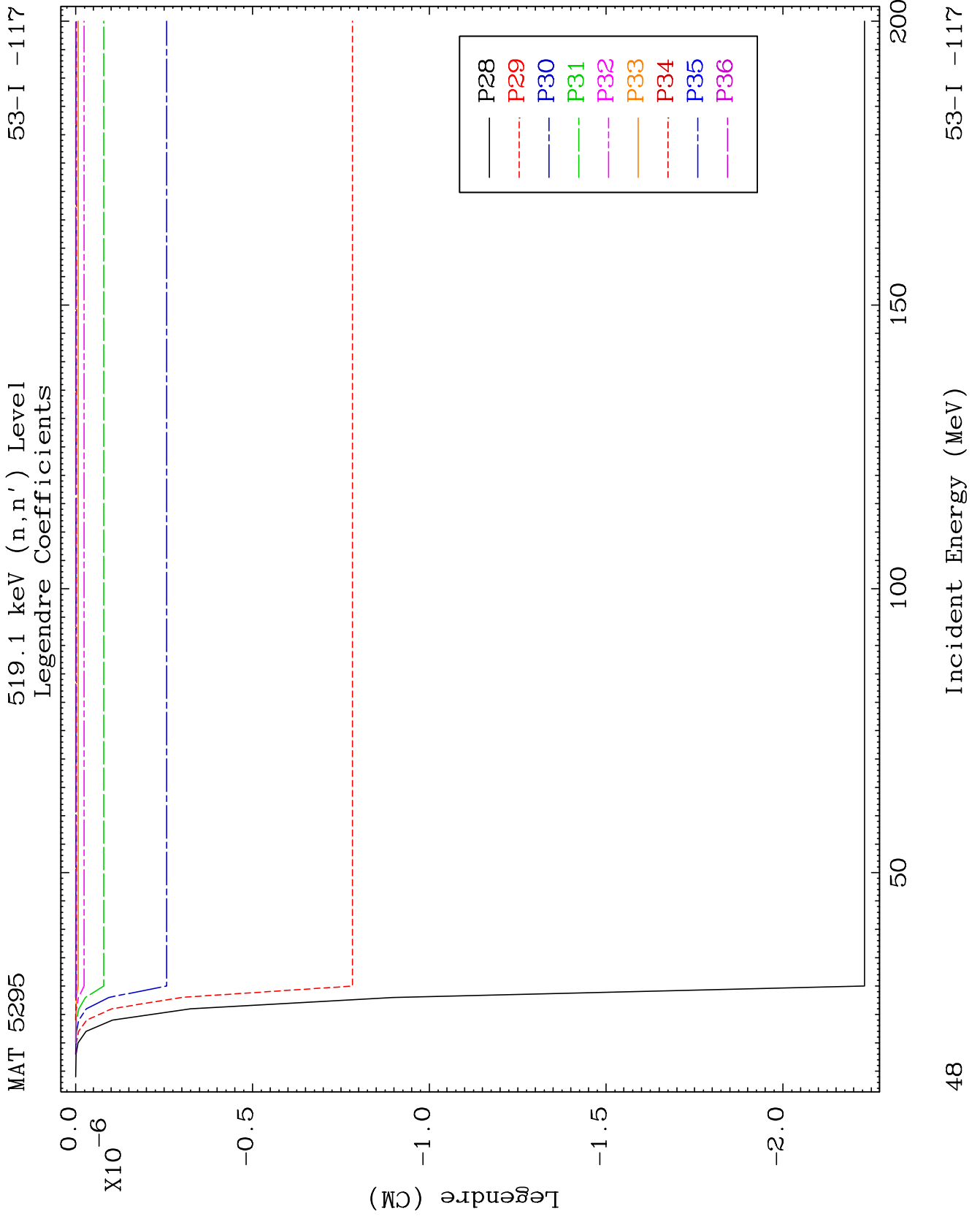


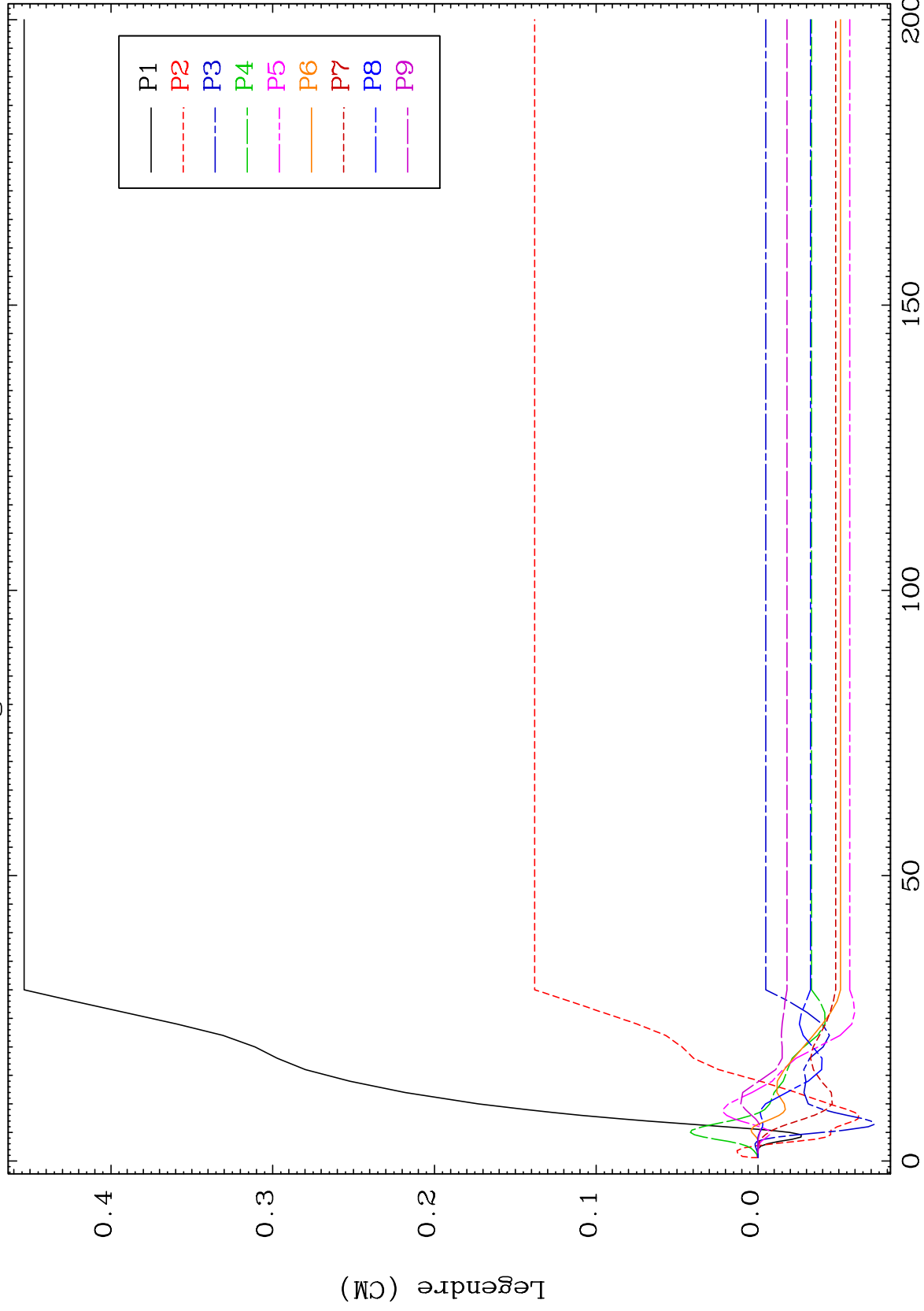
46

Incident Energy (MeV)

53-I -117



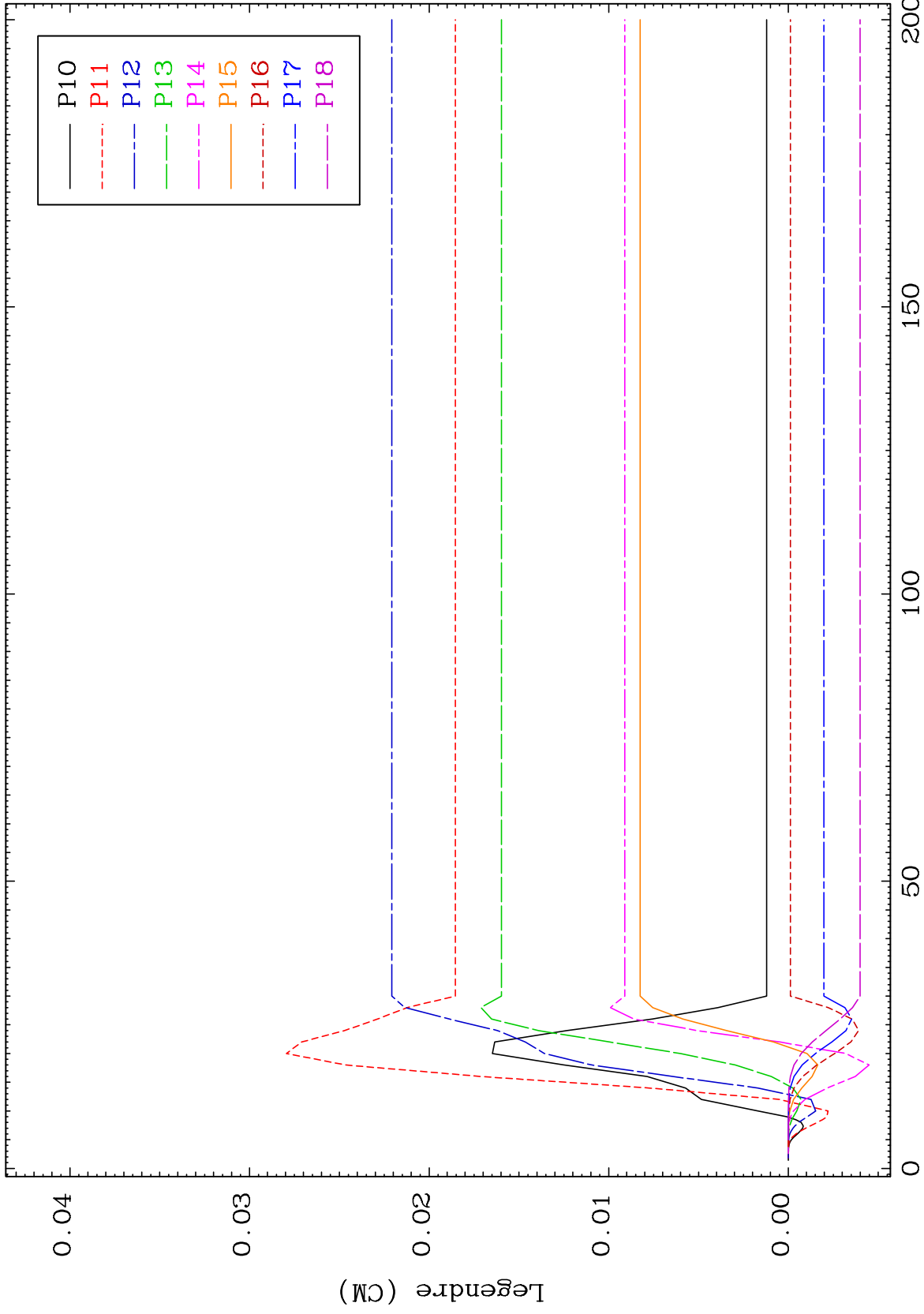




MAT 5295

567.4 keV (n,n') Level
Legendre Coefficients

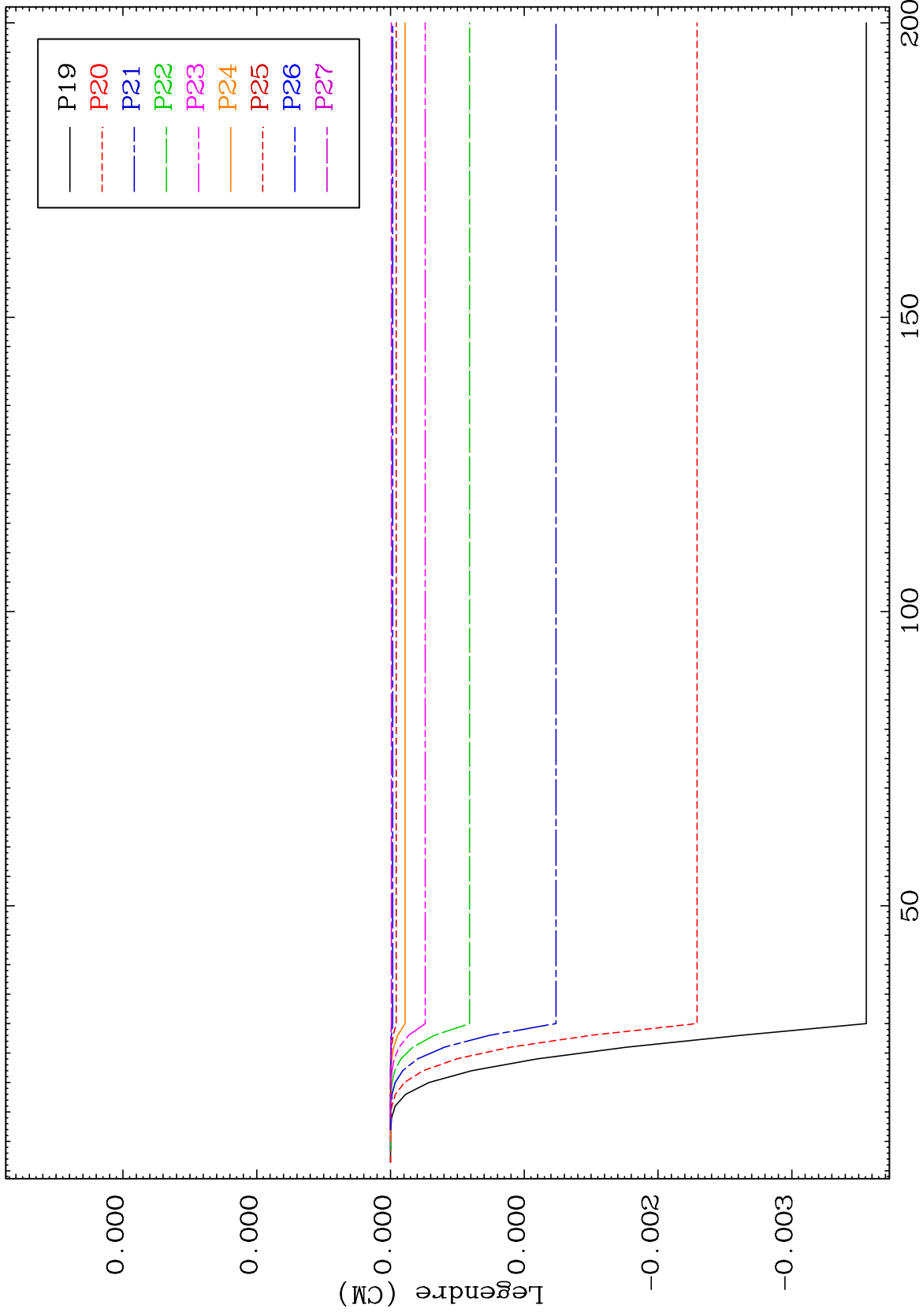
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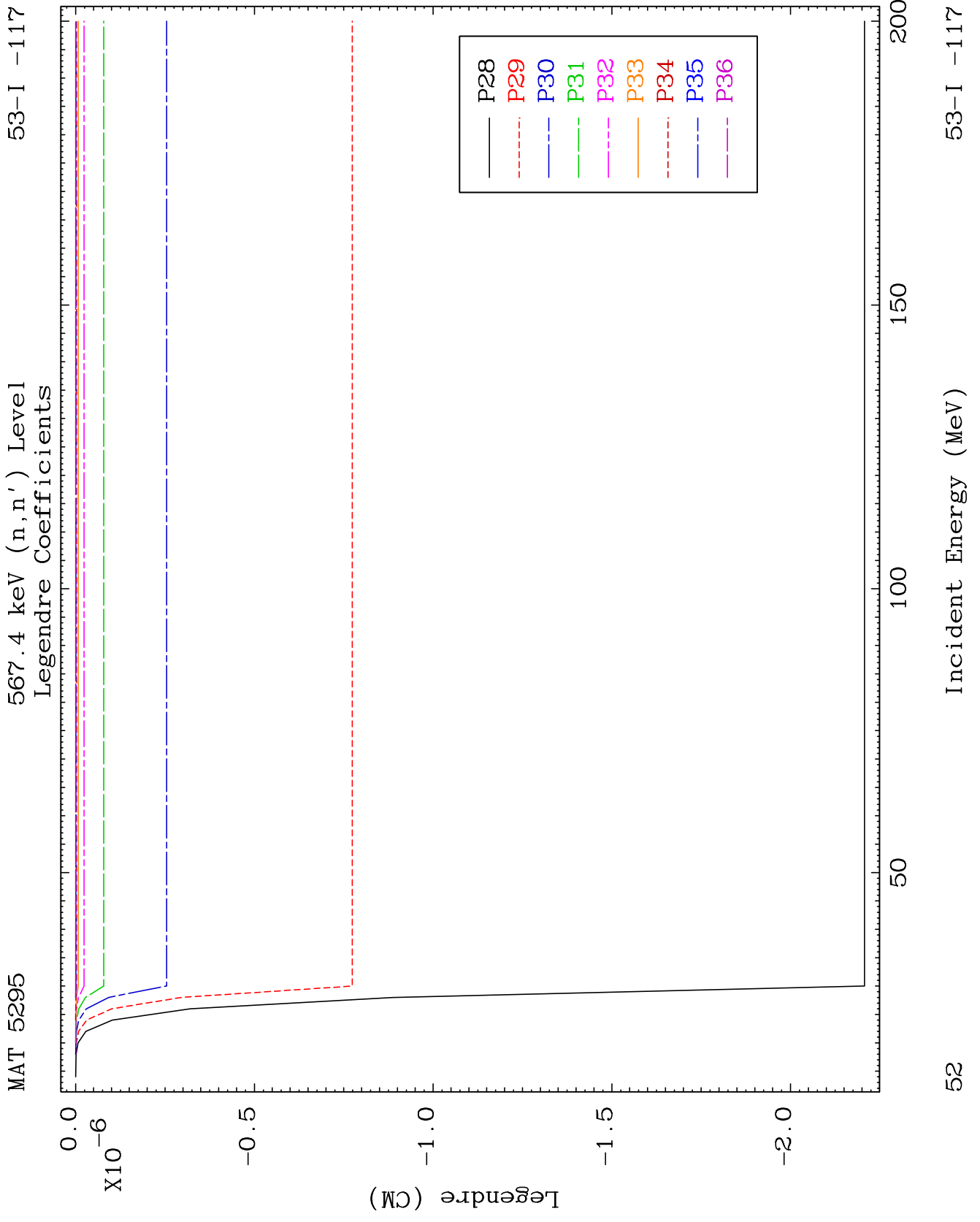


53-I -117

Incident Energy (MeV)

50

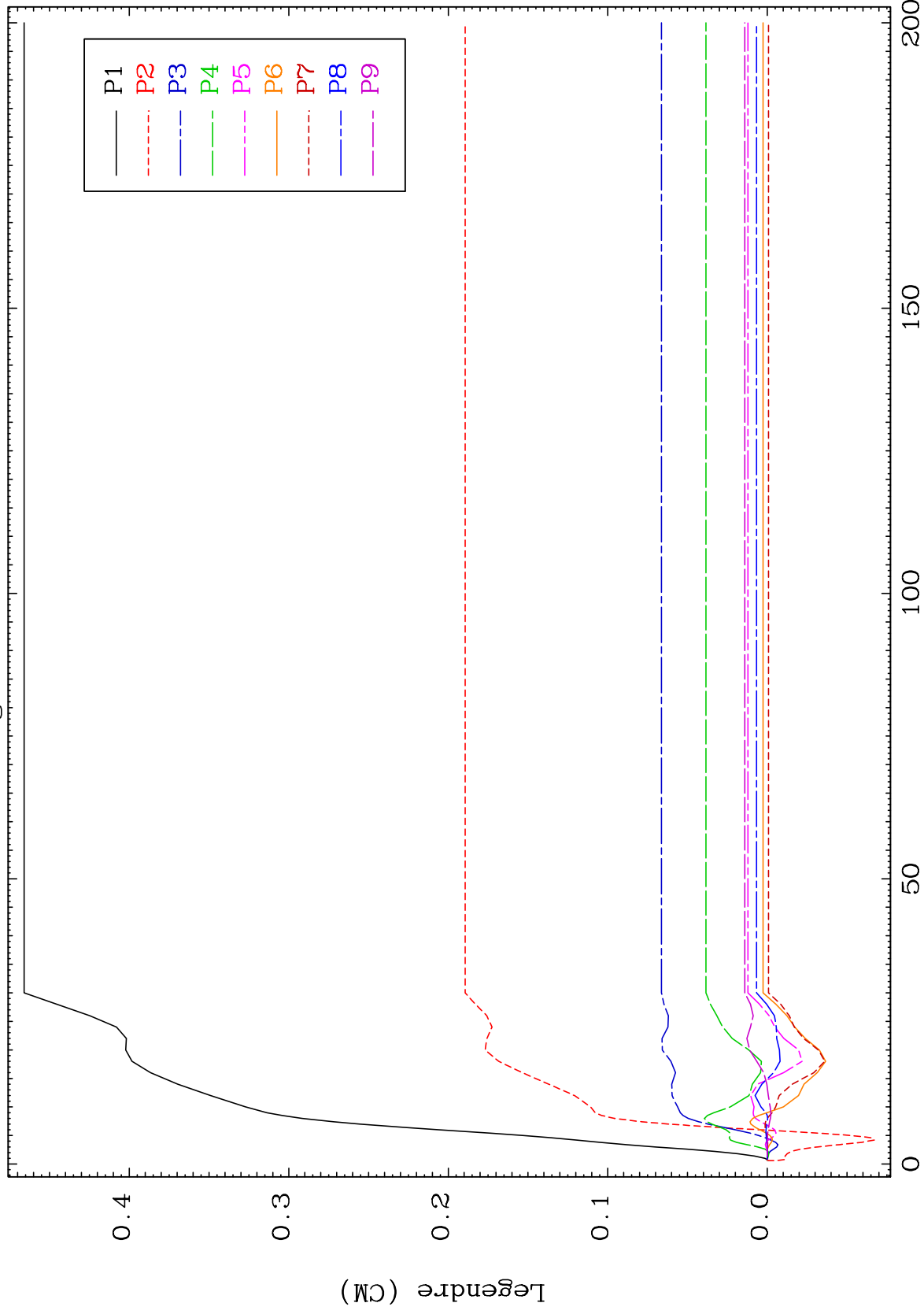




MAT 5295

573.8 keV (n,n') Level
Legendre Coefficients

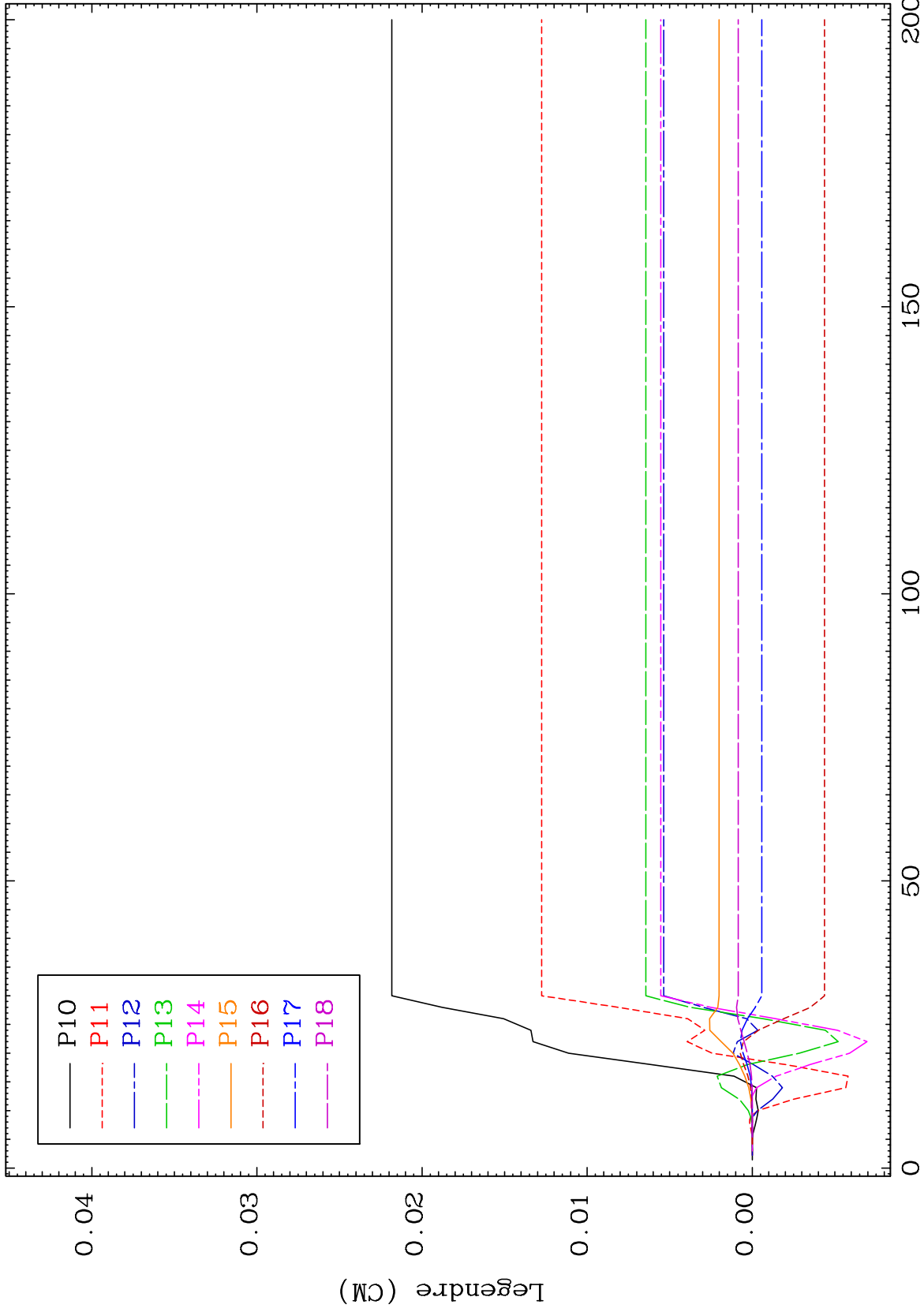
53-I -117

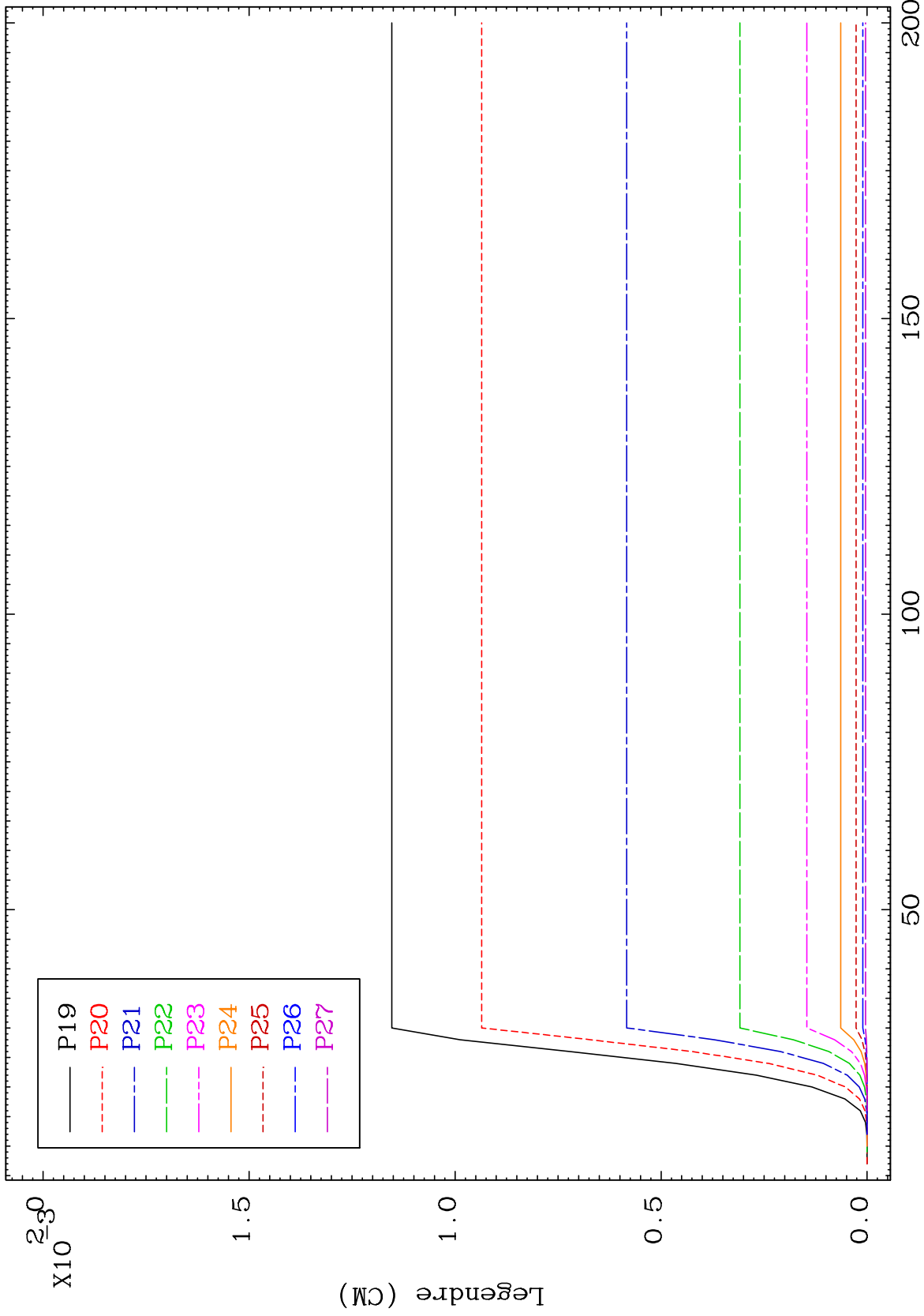


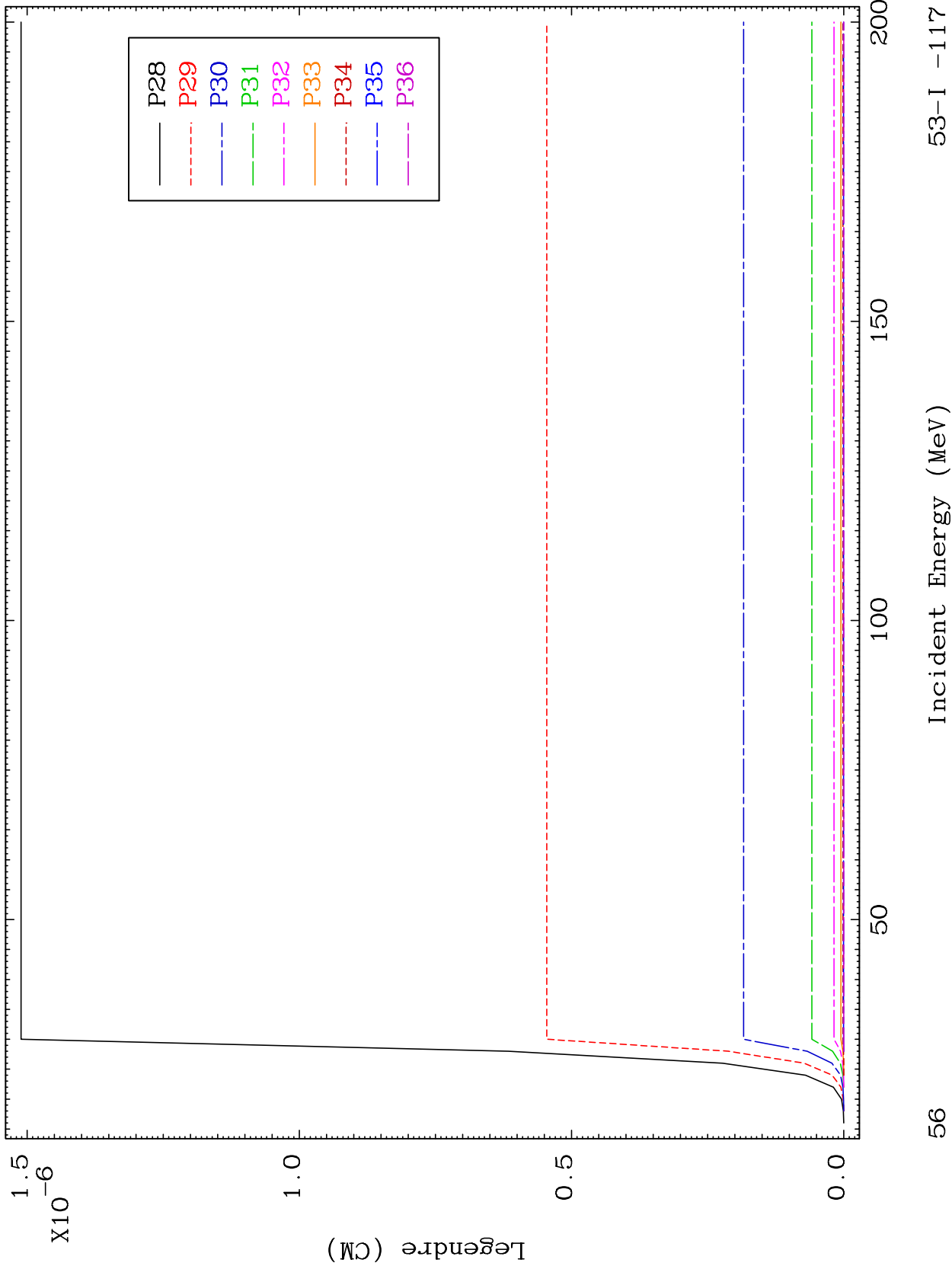
53

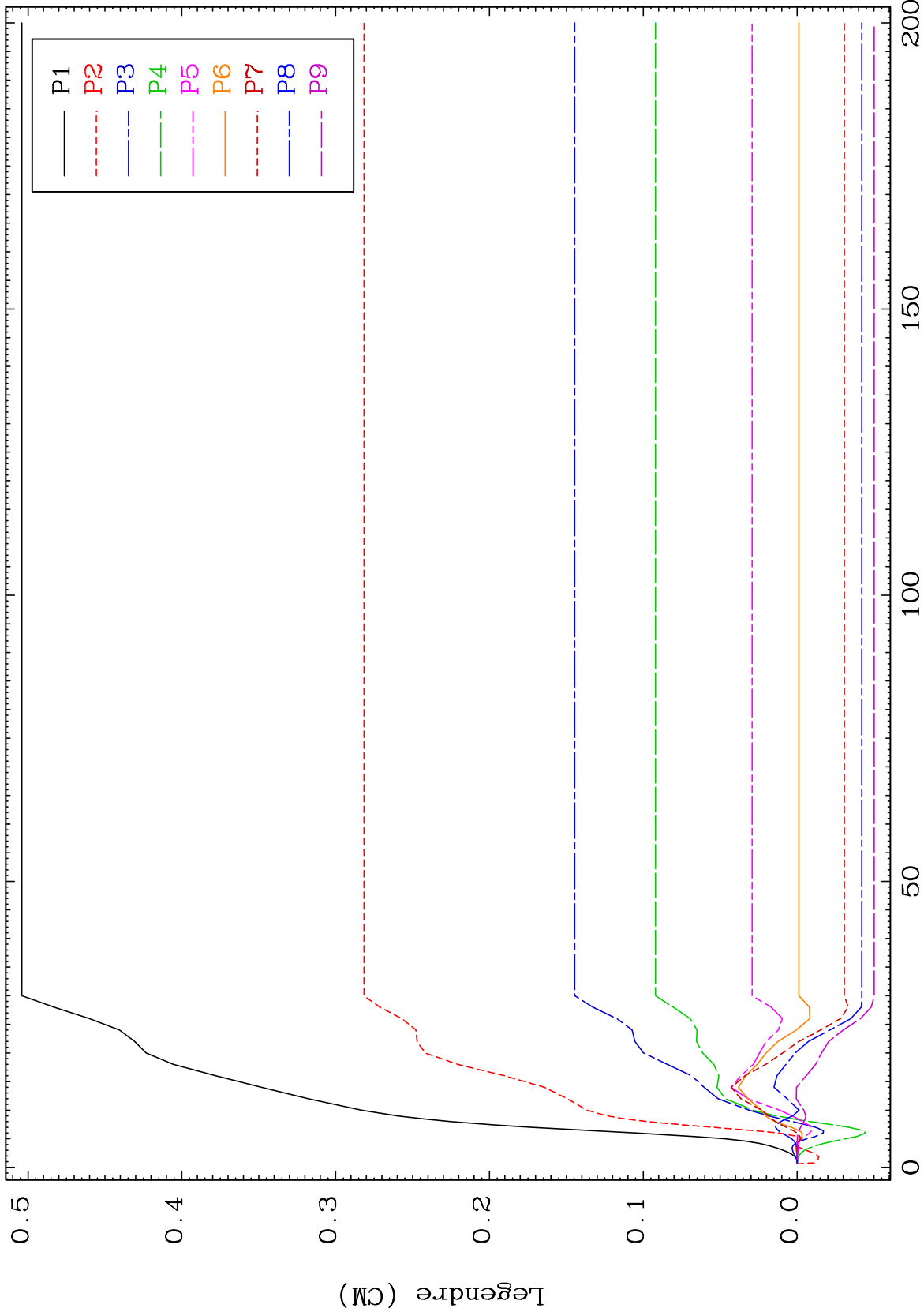
Incident Energy (MeV)

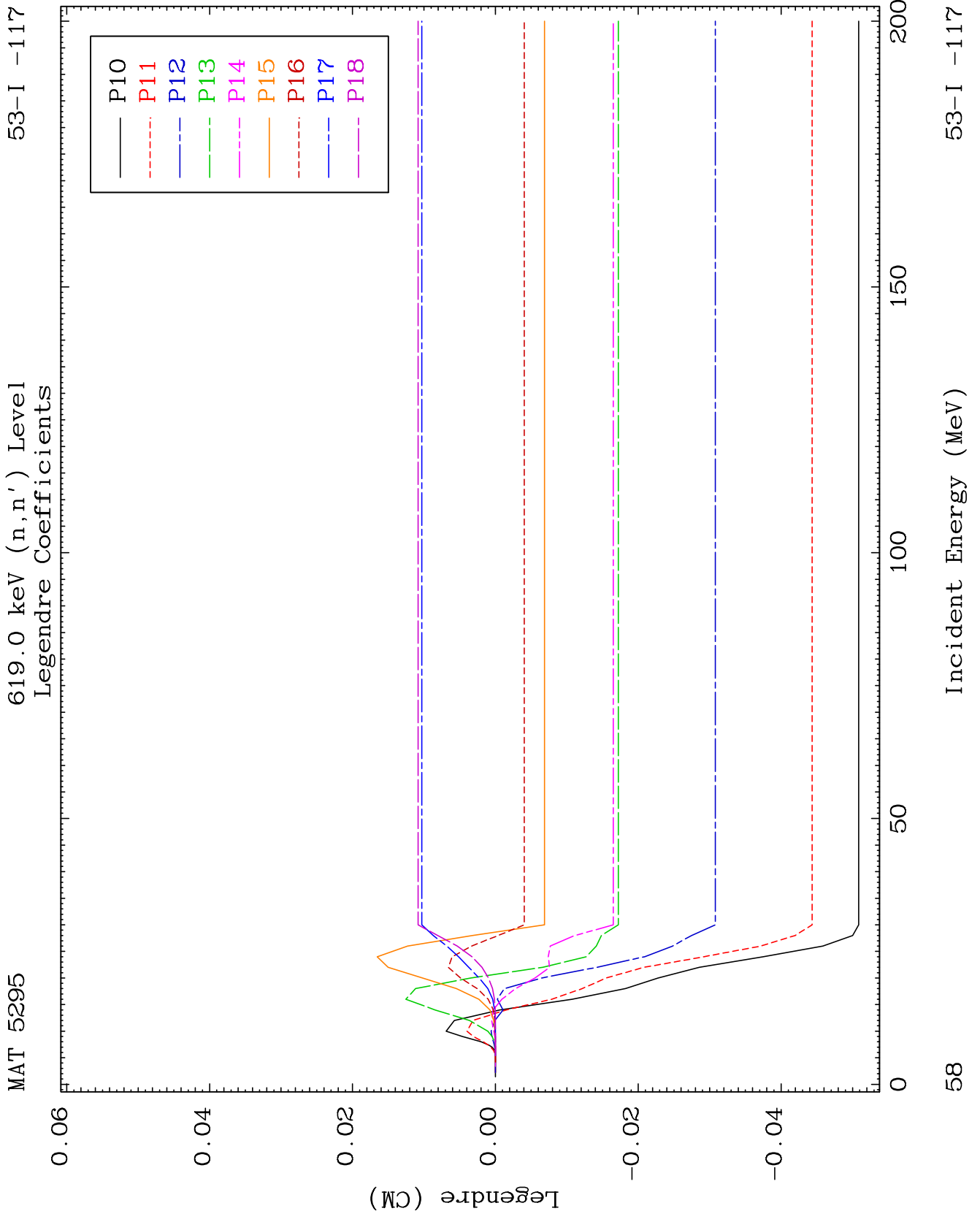
53-I -117

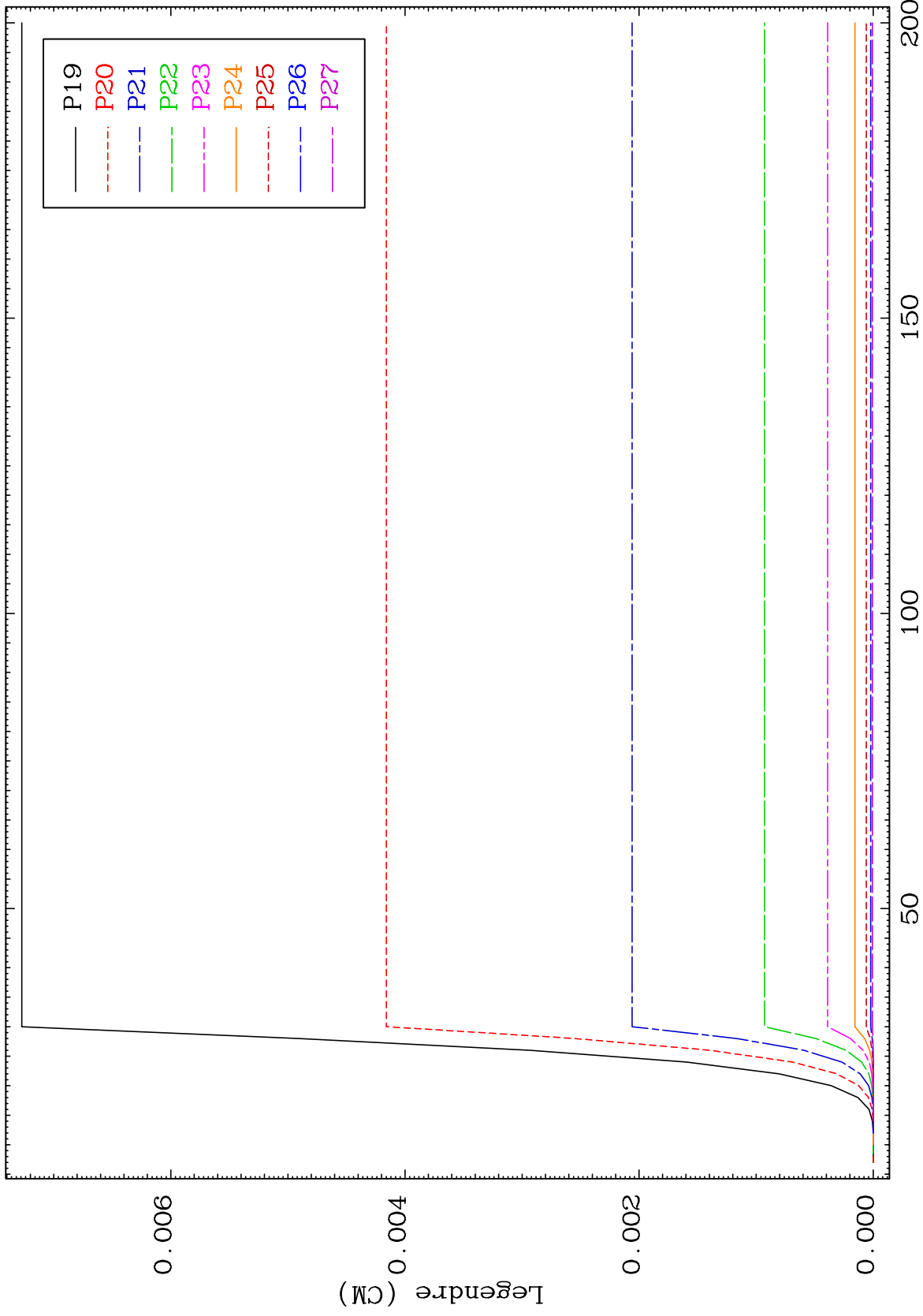








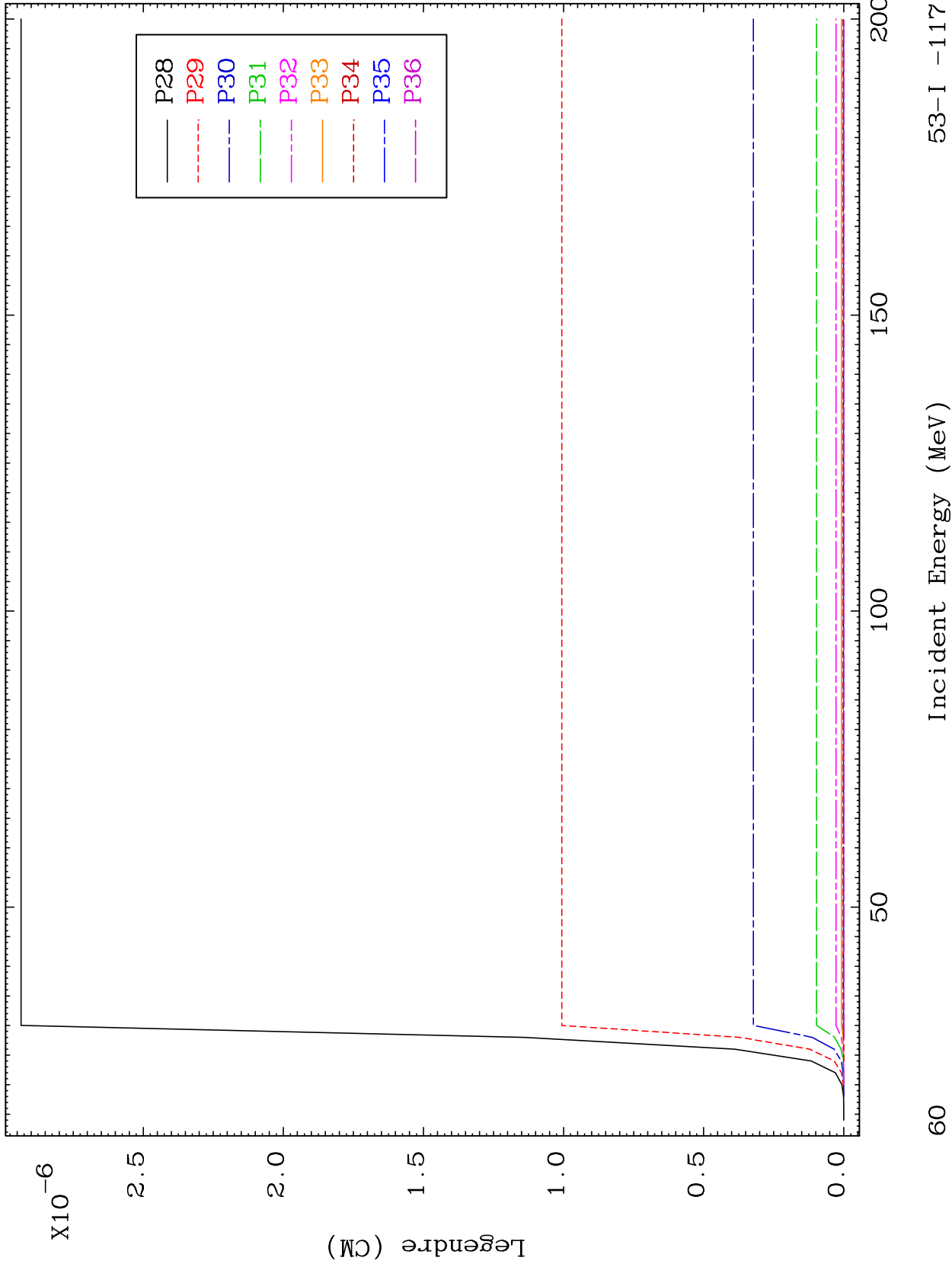




MAT 5295

619.0 keV (n,n') Level
Legendre Coefficients

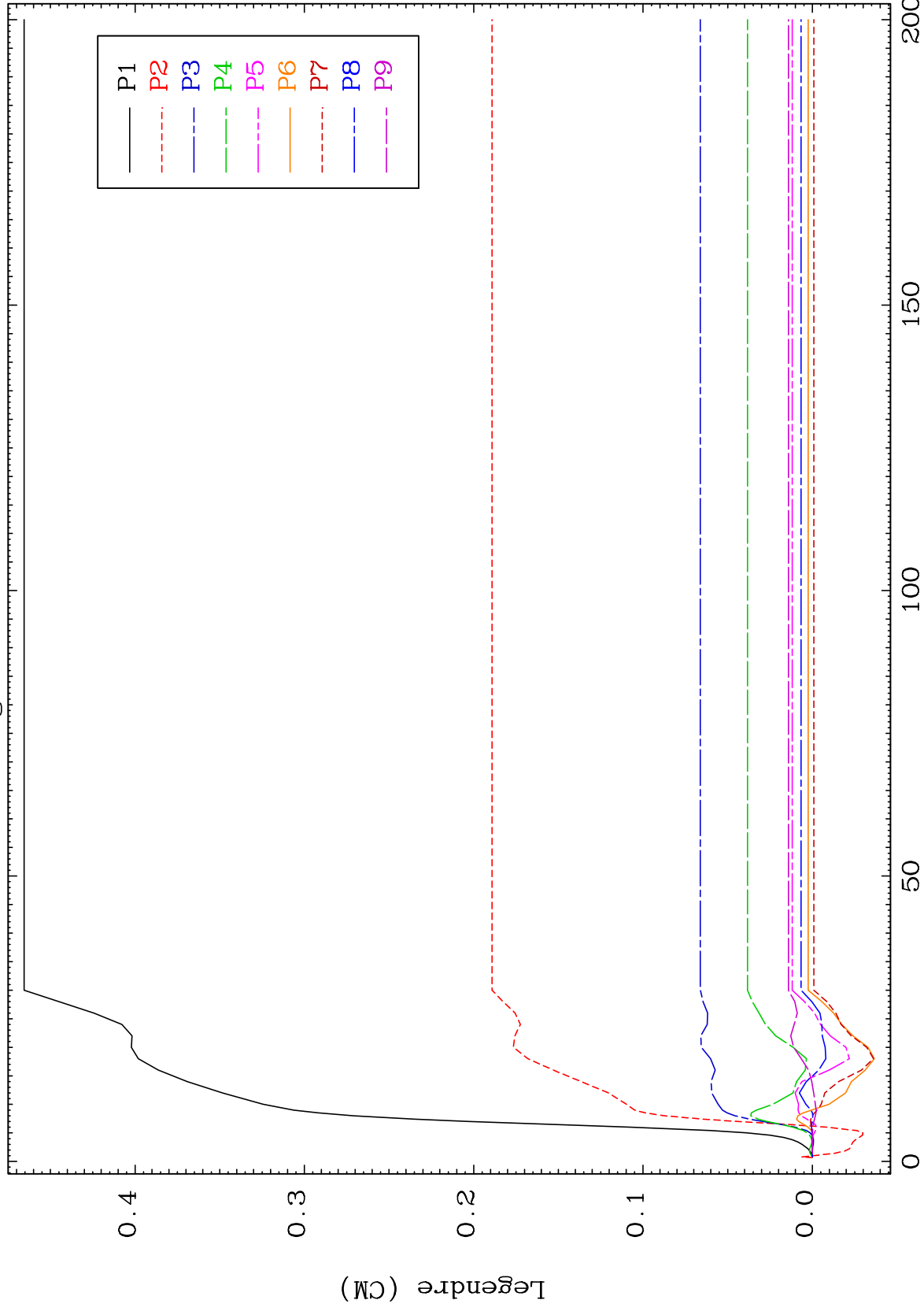
53-I -117



60

Incident Energy (MeV)

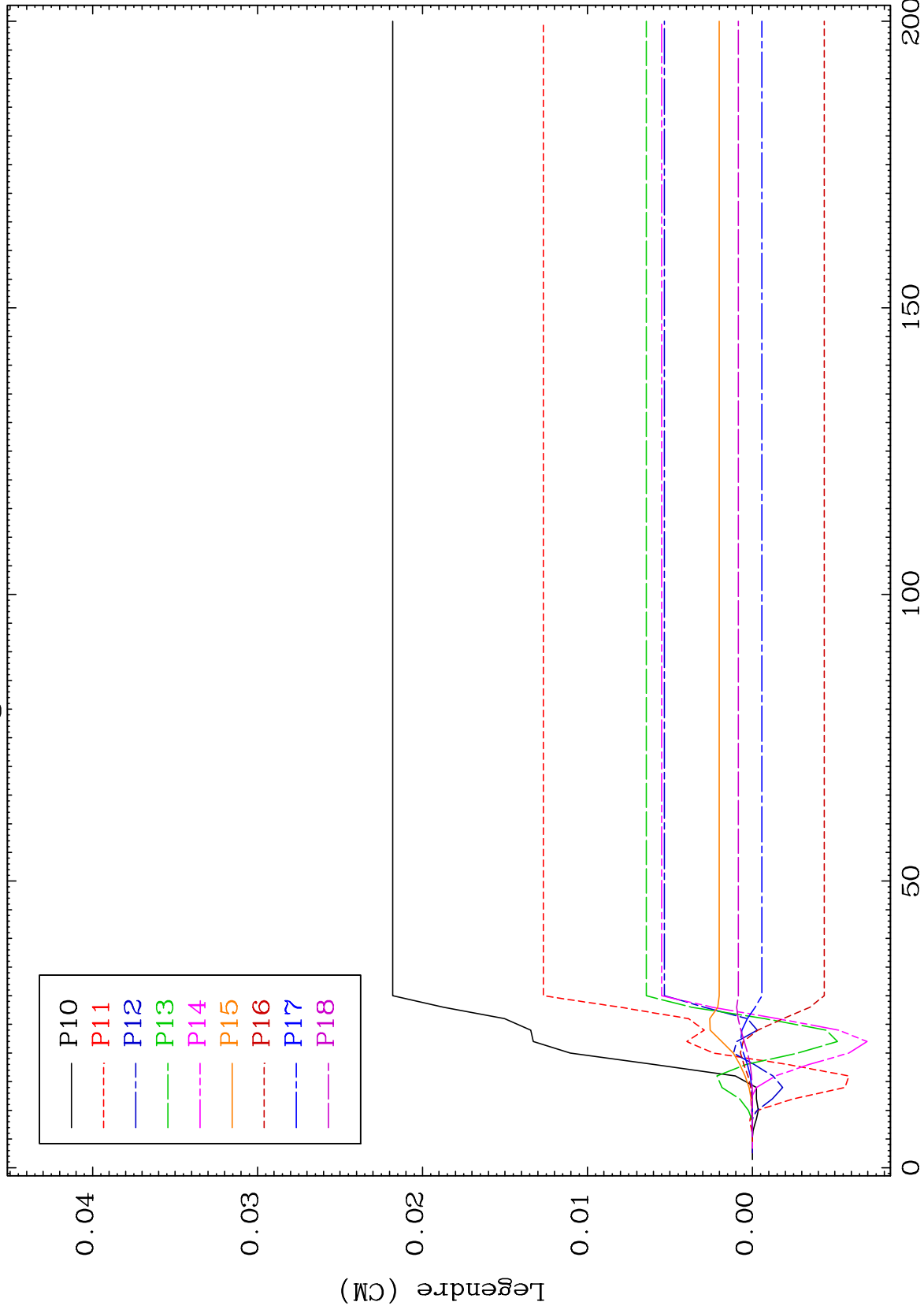
53-I -117



MAT 5295

654.2 keV (n,n') Level
Legendre Coefficients

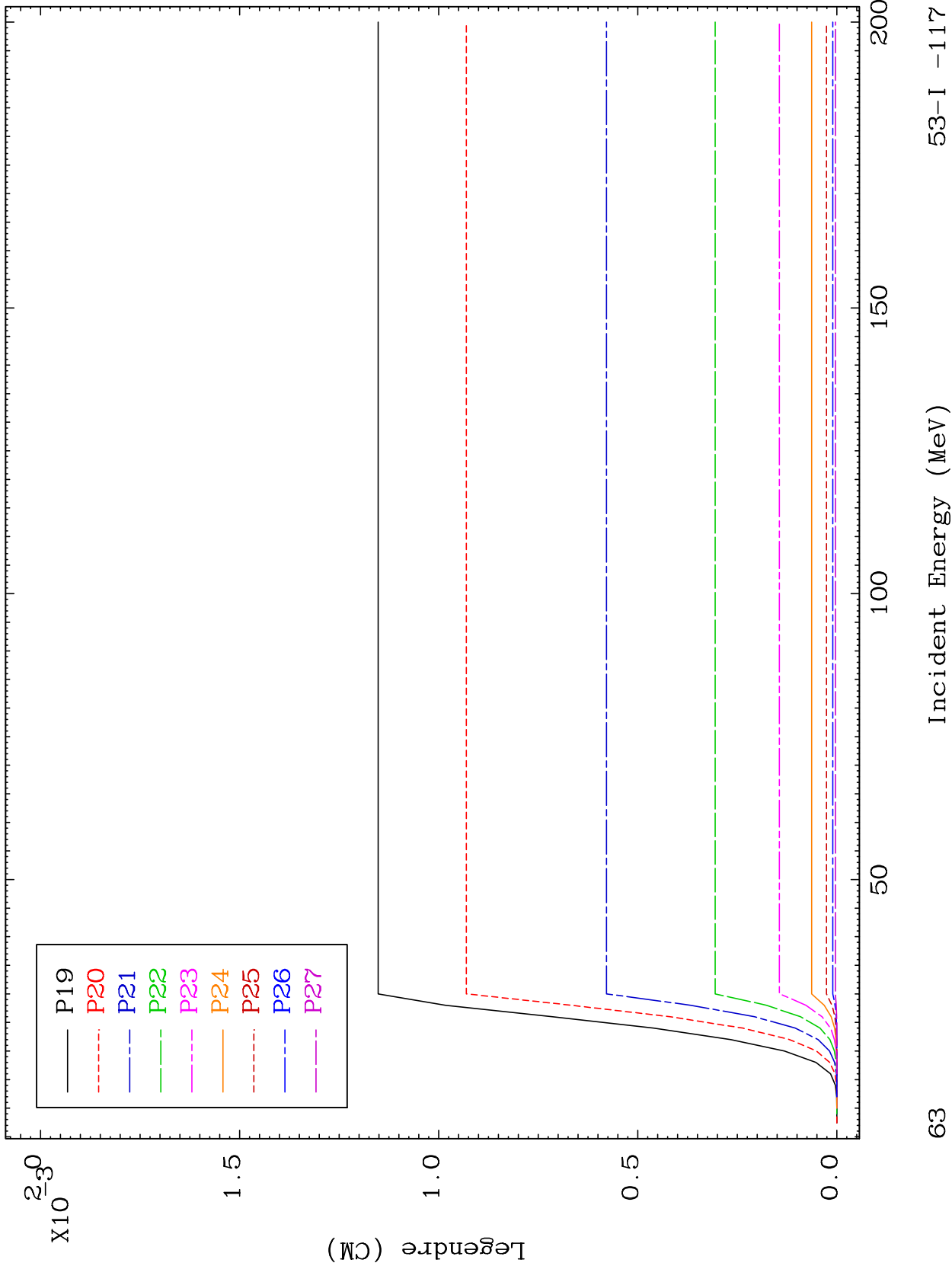
53-I -117

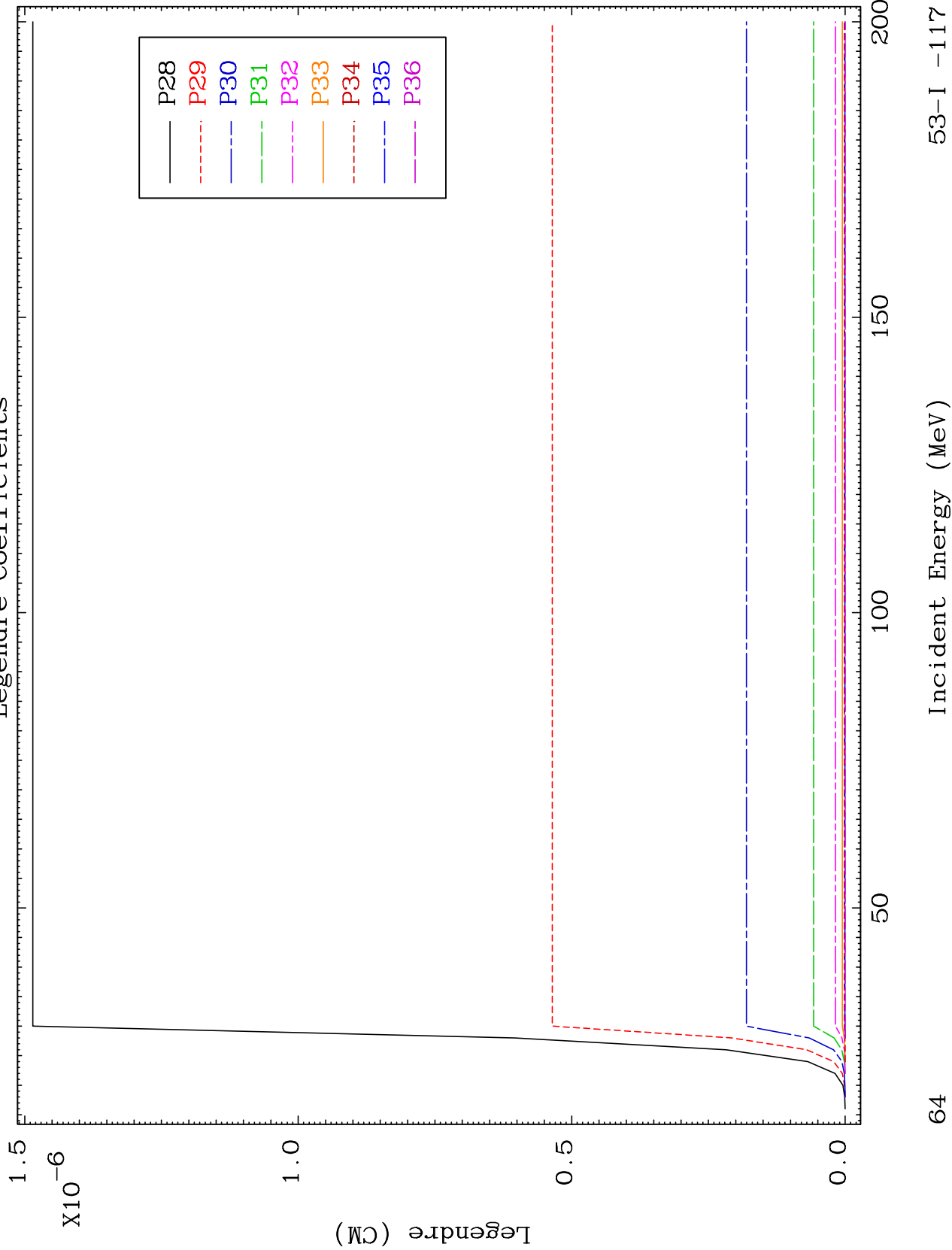


62

Incident Energy (MeV)

53-I -117

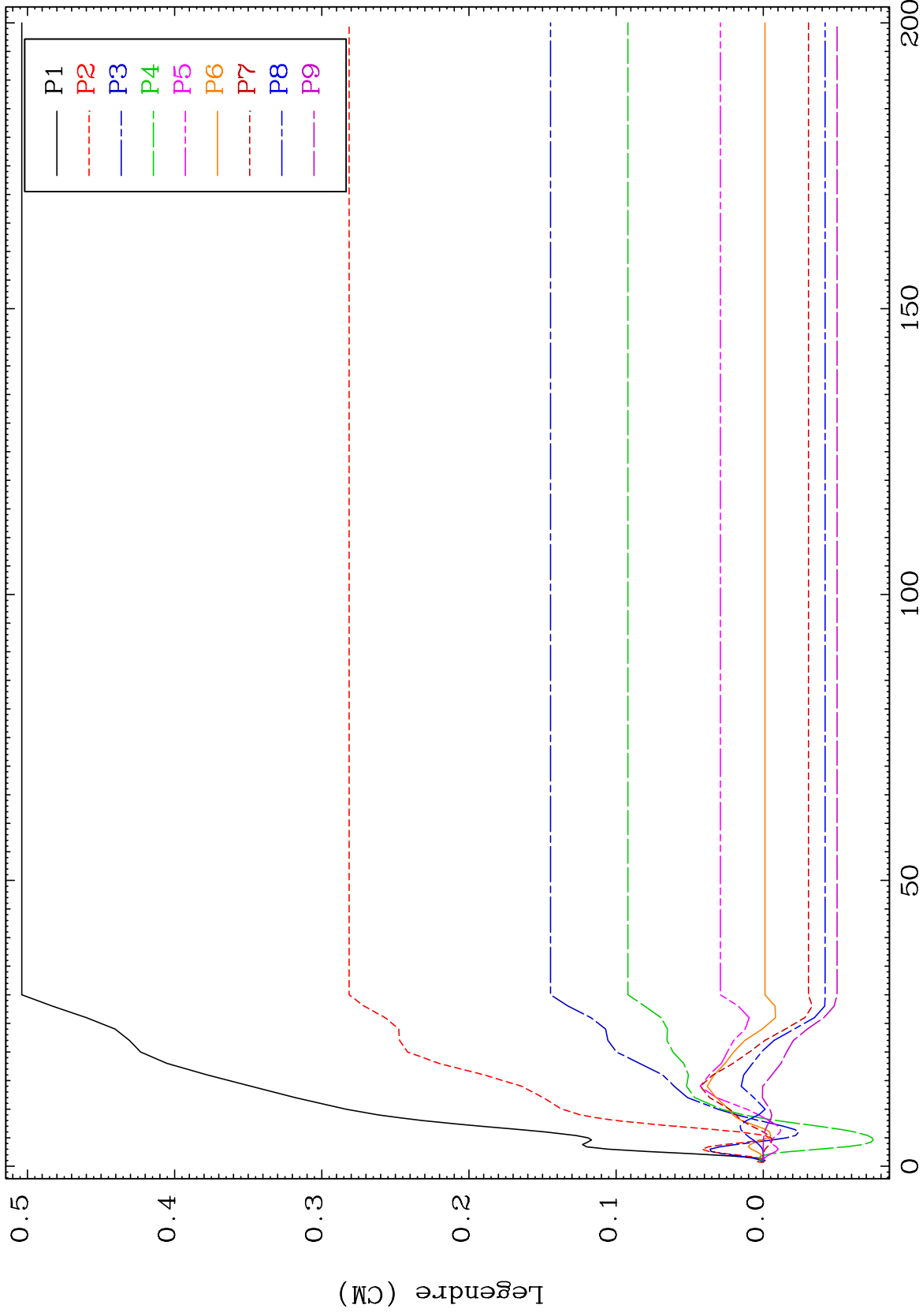




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660.5 keV (n,n') Level
Legendre Coefficients

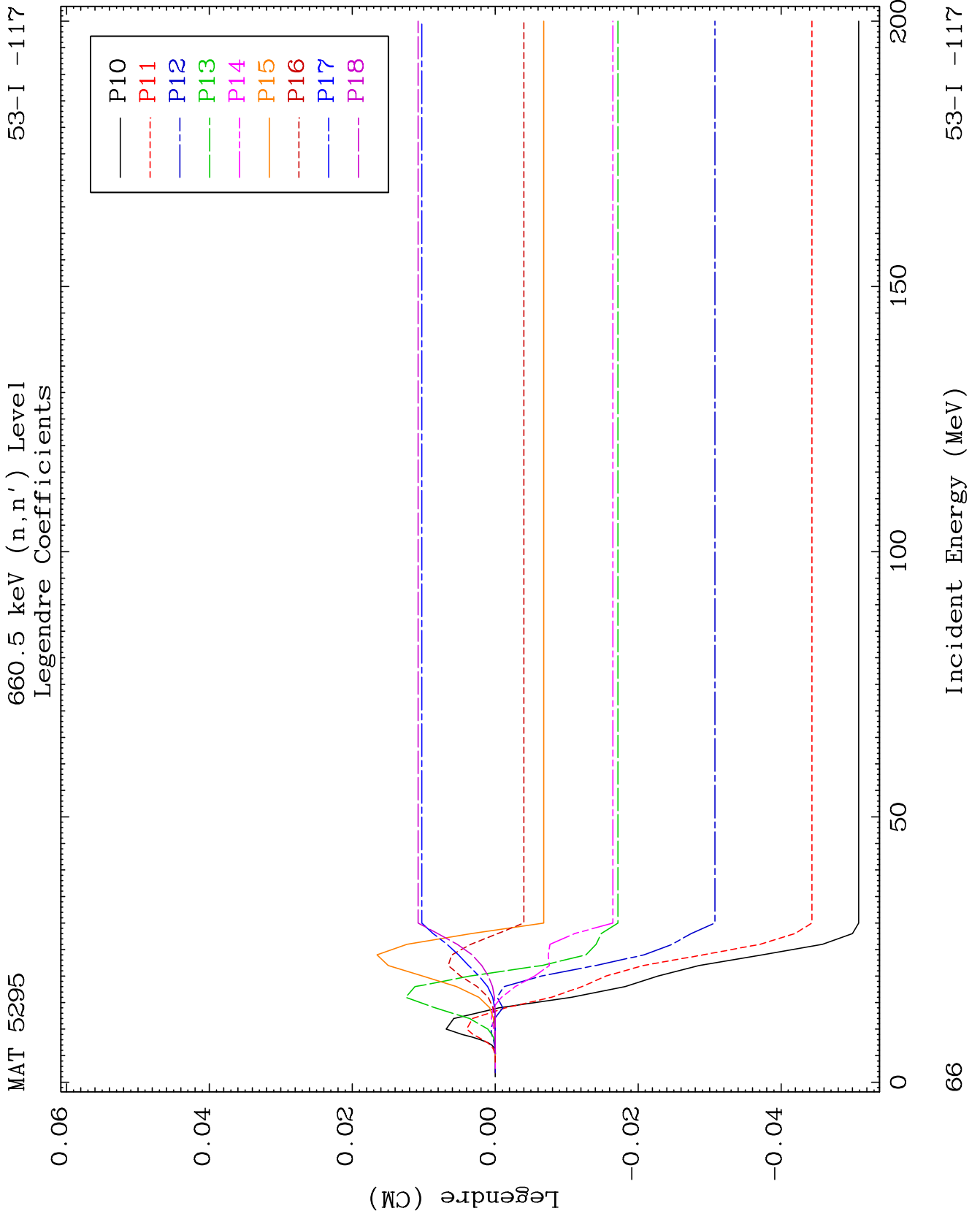
53-I -117

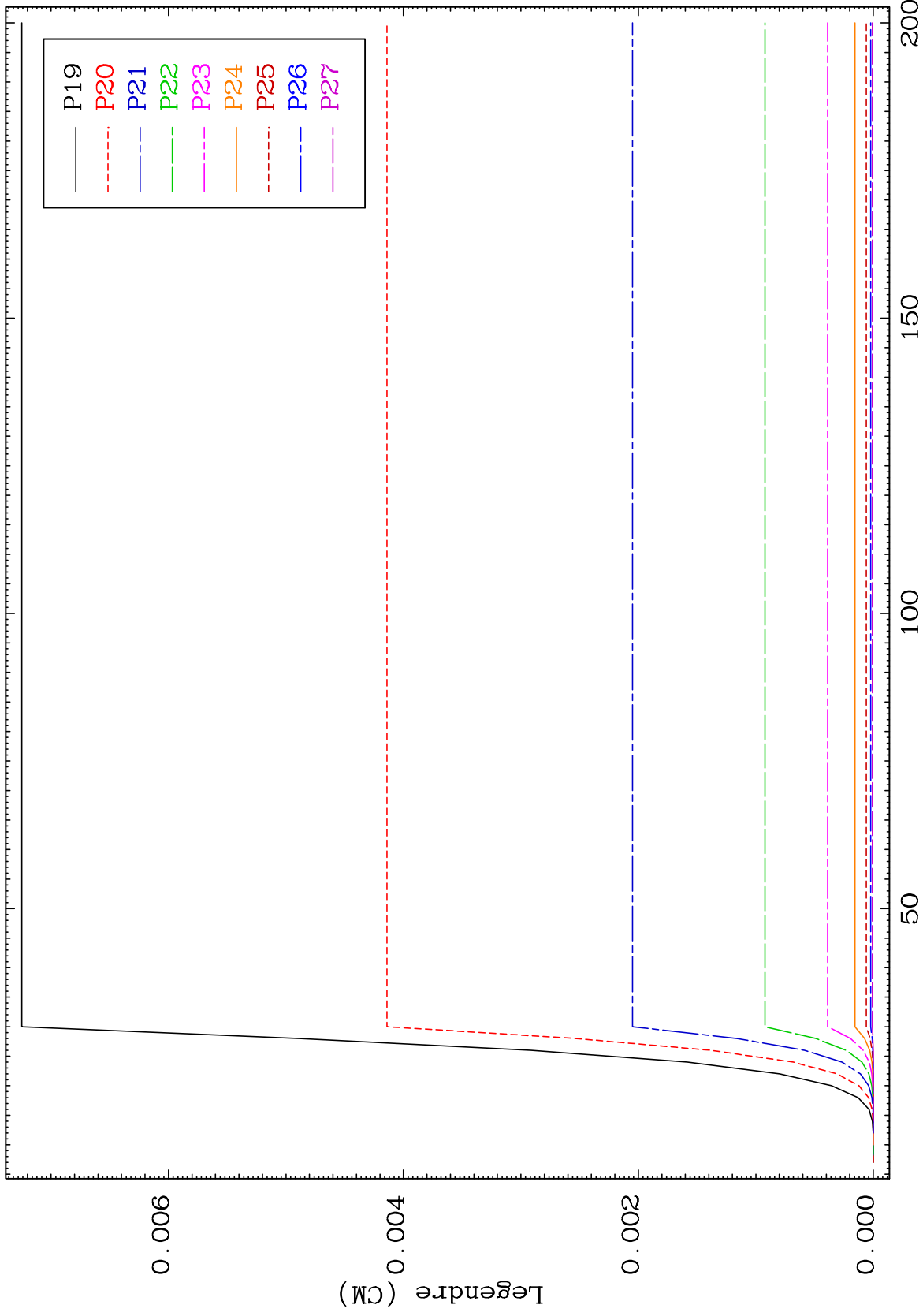


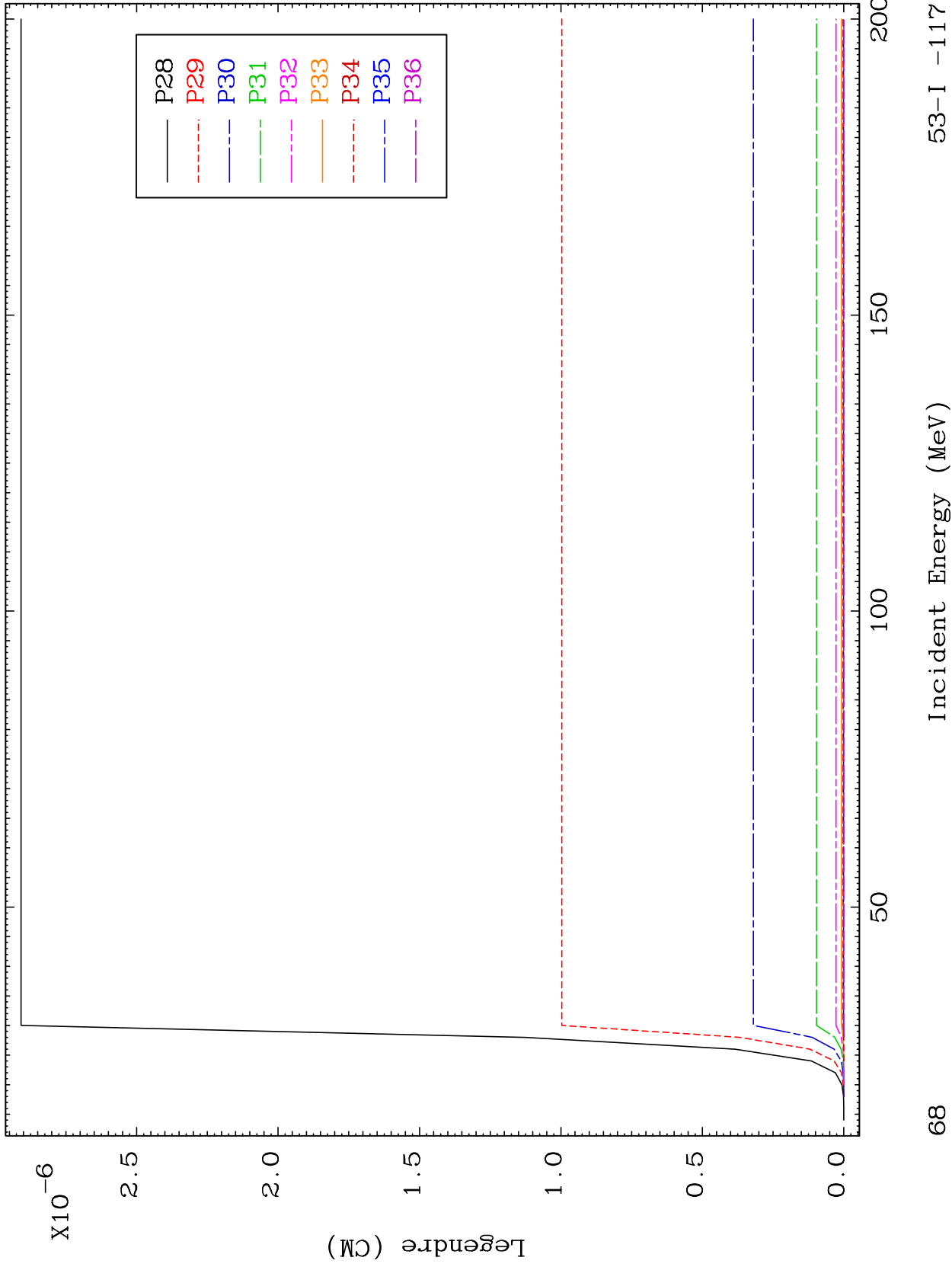
53-I -117

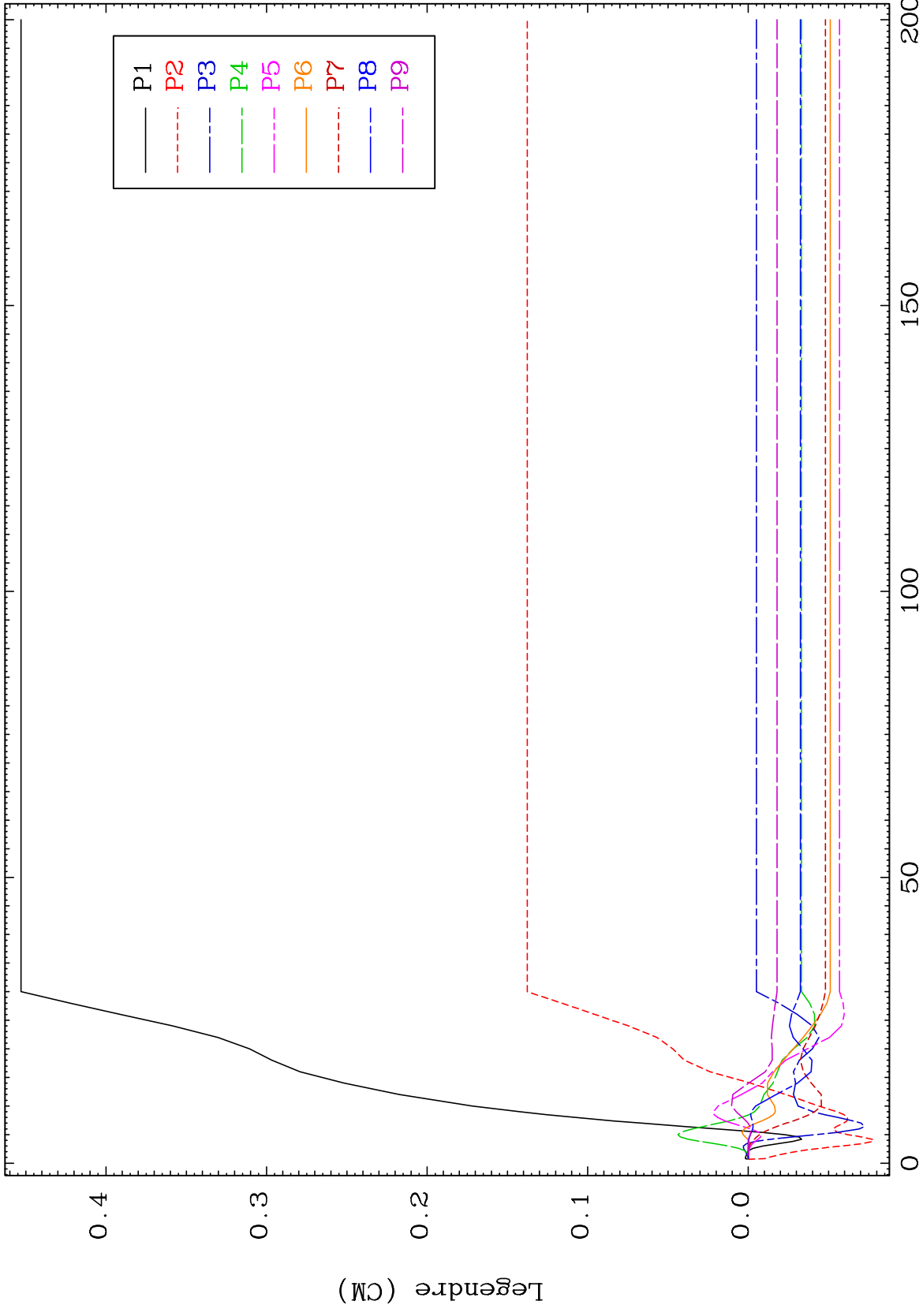
Incident Energy (MeV)

65





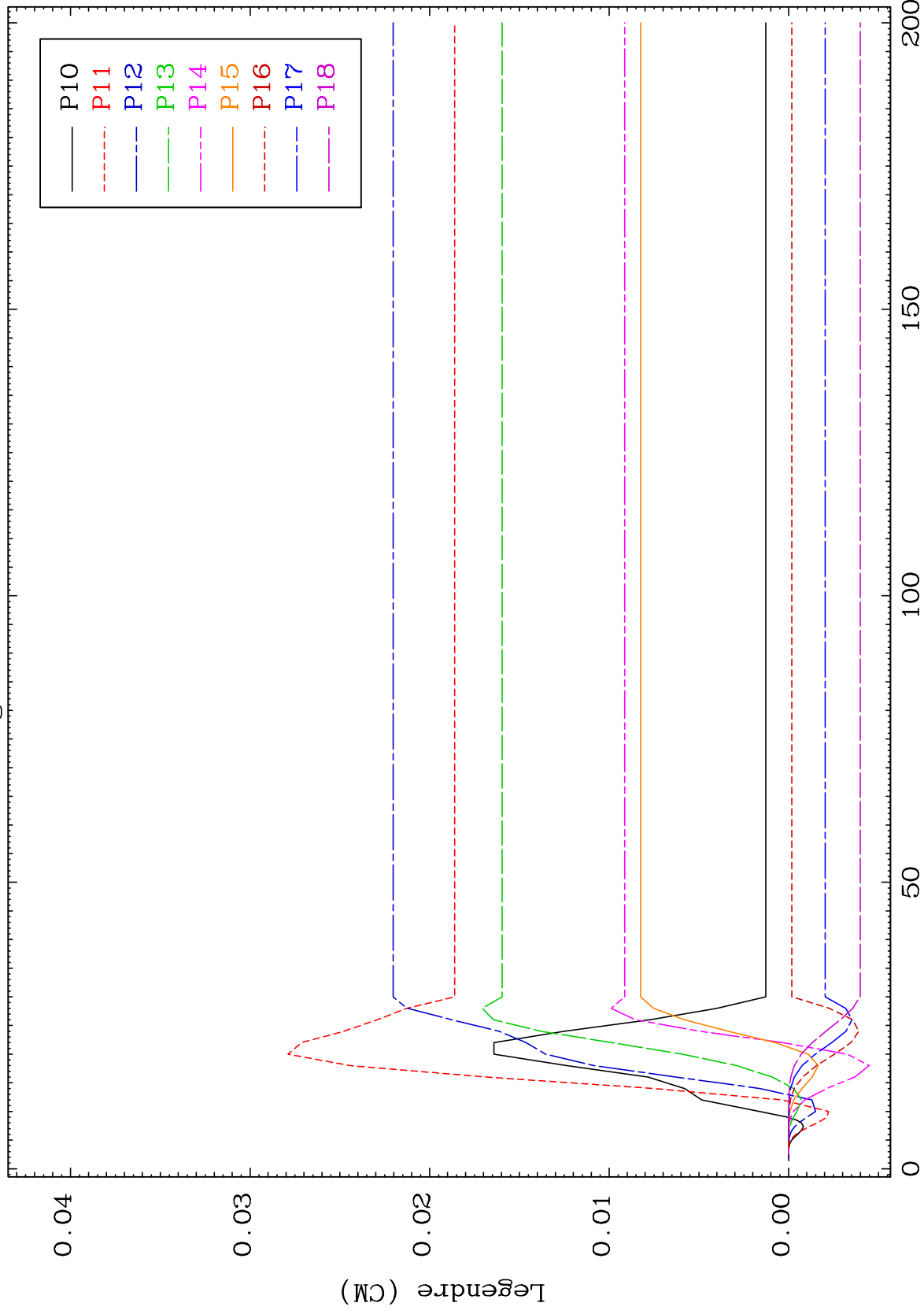




MAT 5295

669.3 keV (n,n') Level
Legendre Coefficients

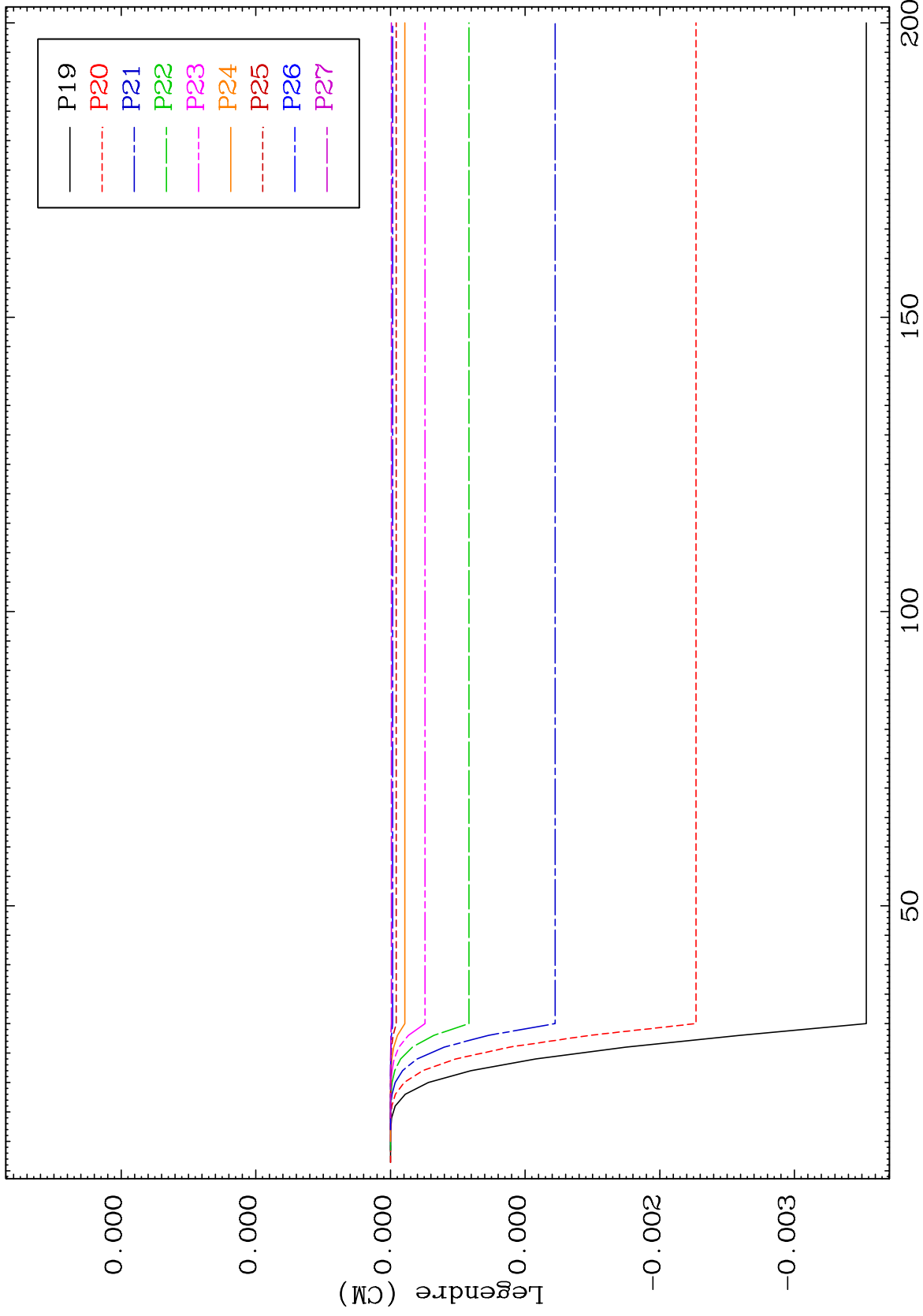
53-I -117

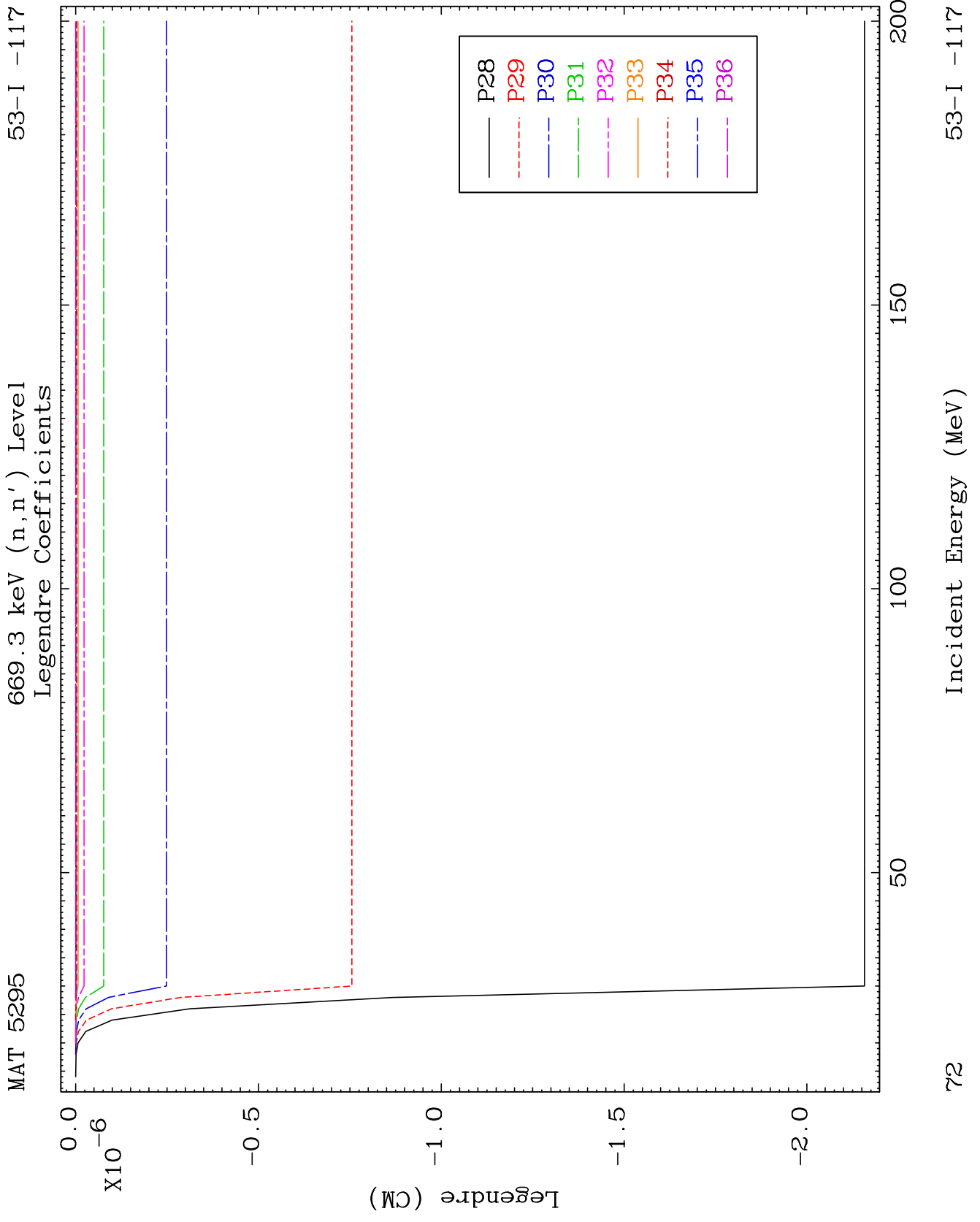


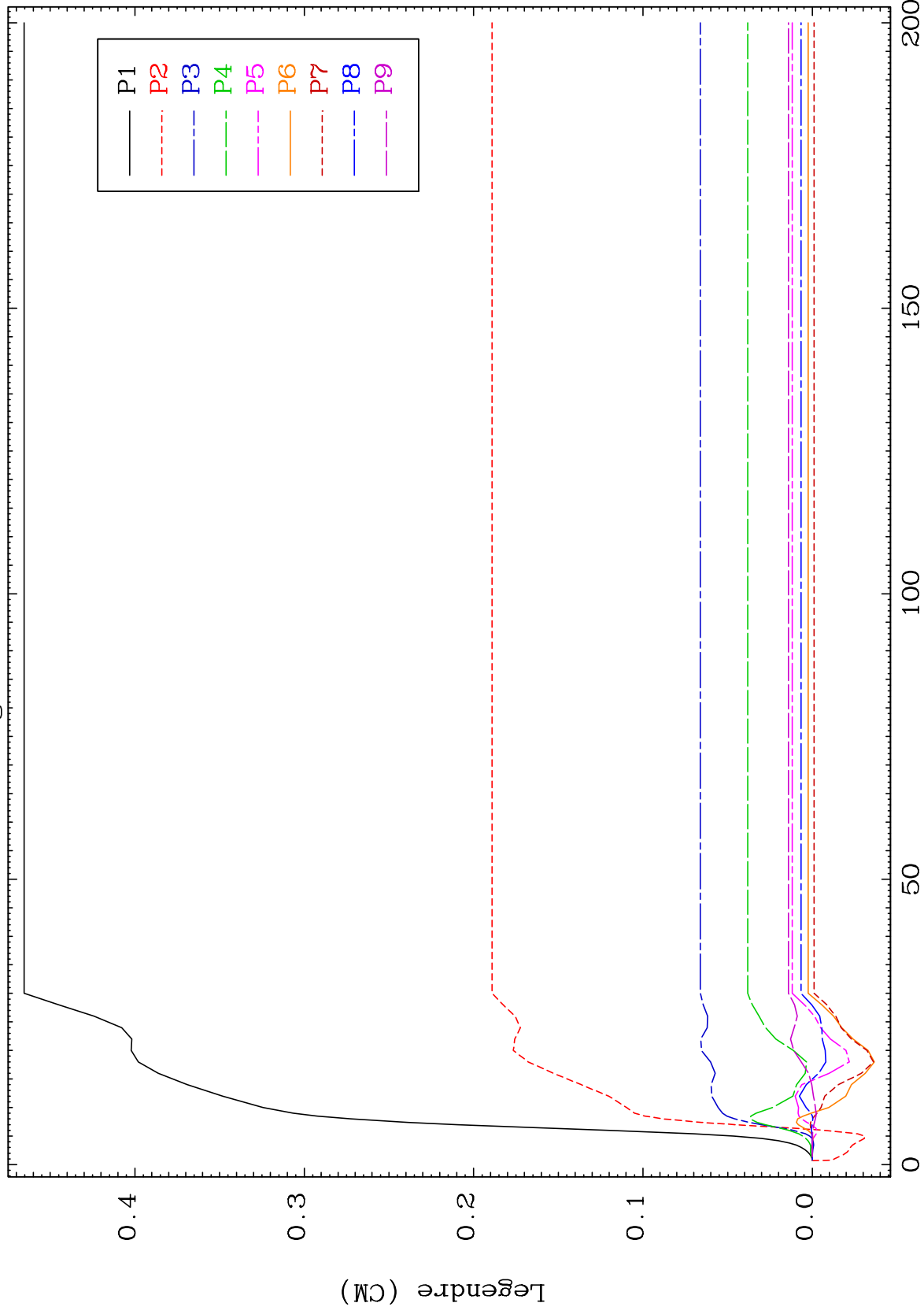
53-I -117

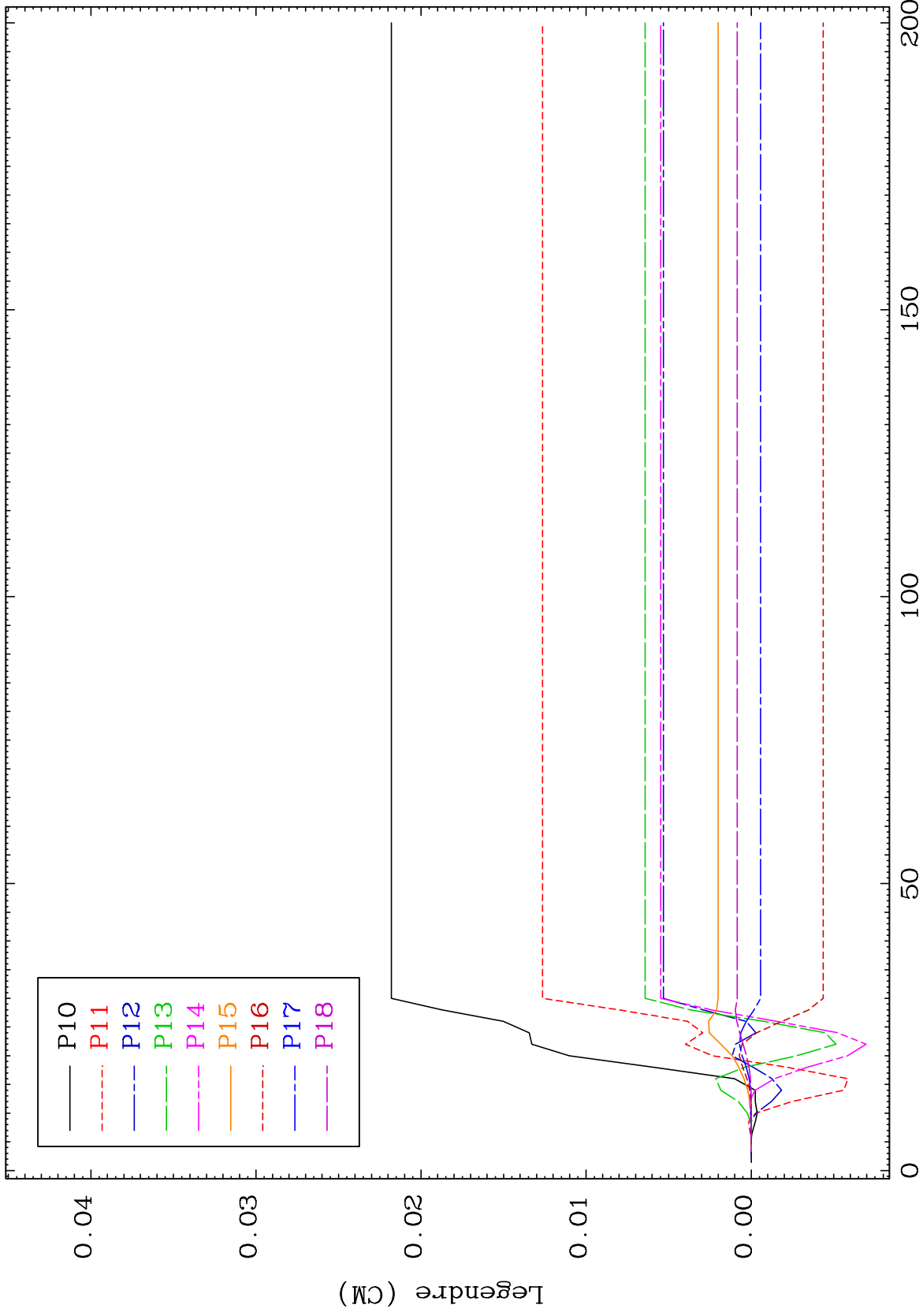
Incident Energy (MeV)

70





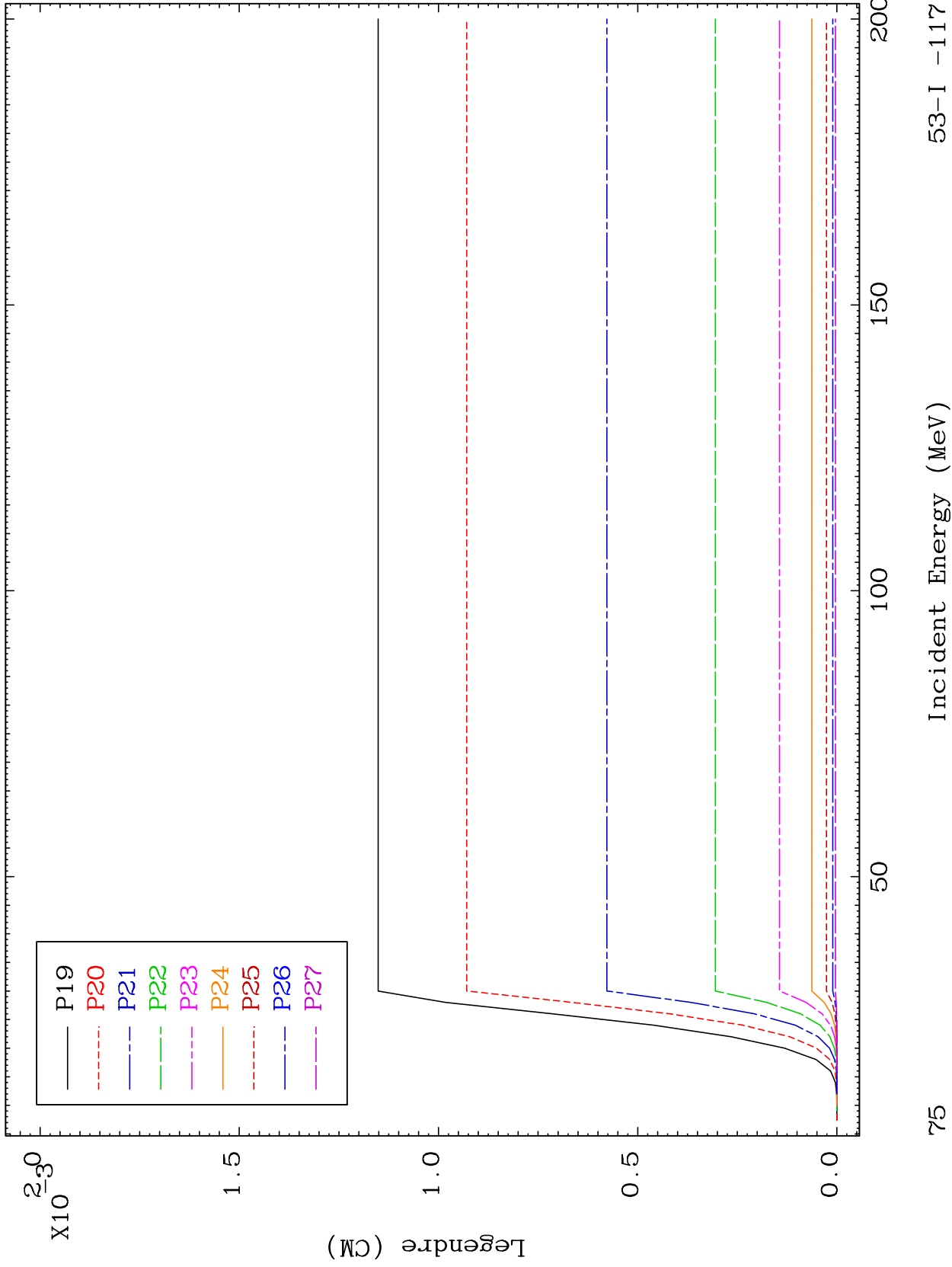


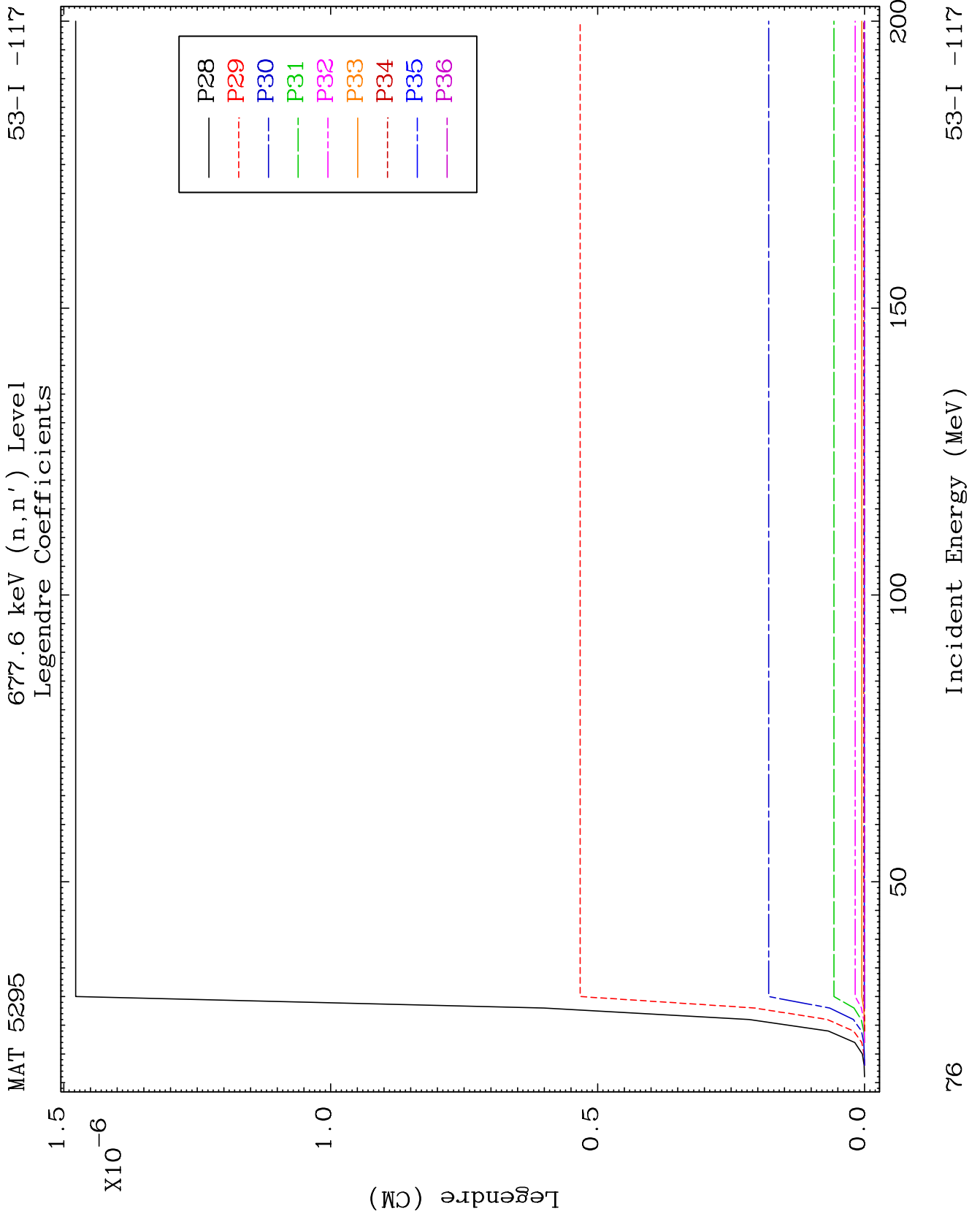


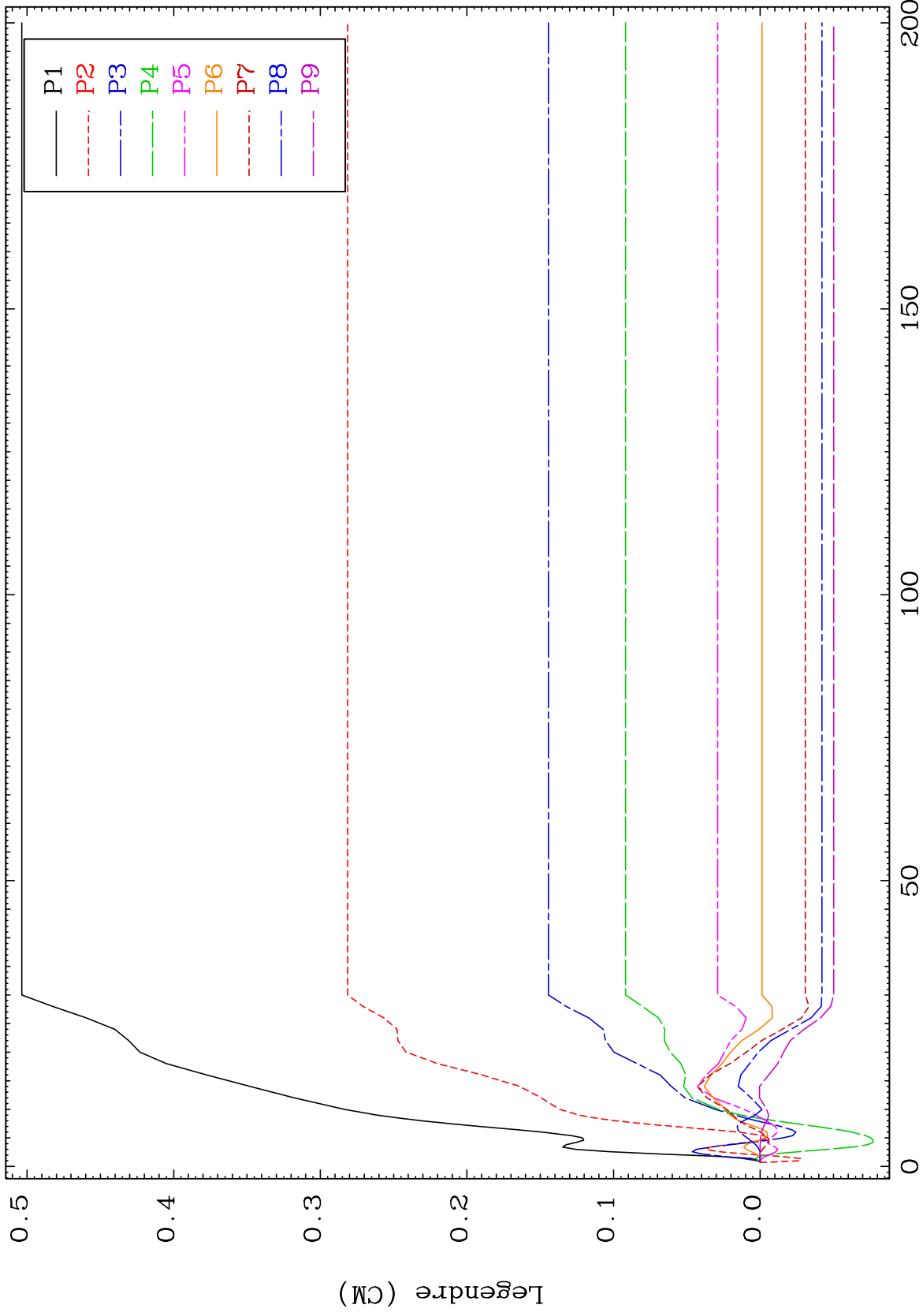
MAT 5295

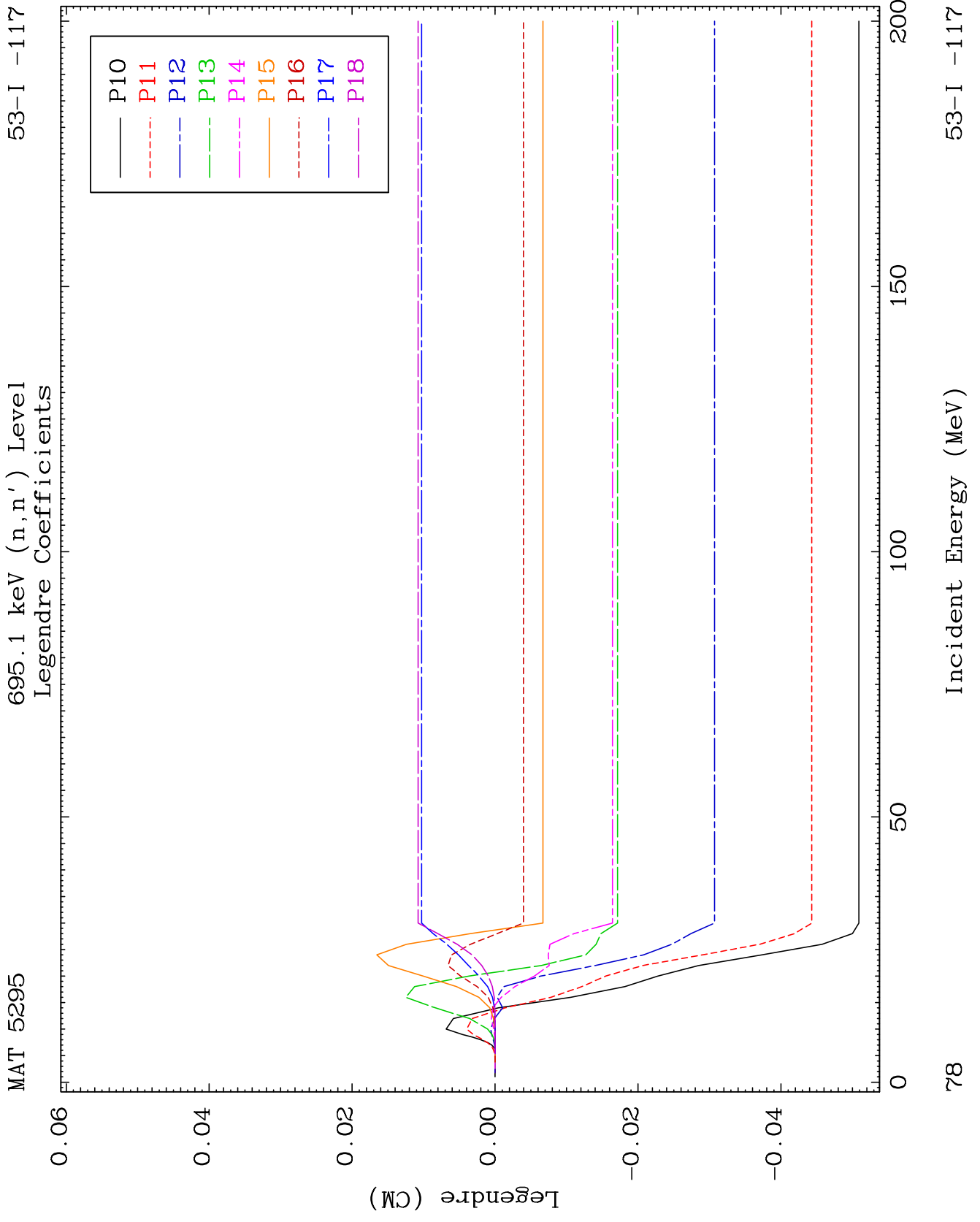
677.6 keV (n,n') Level
Legendre Coefficients

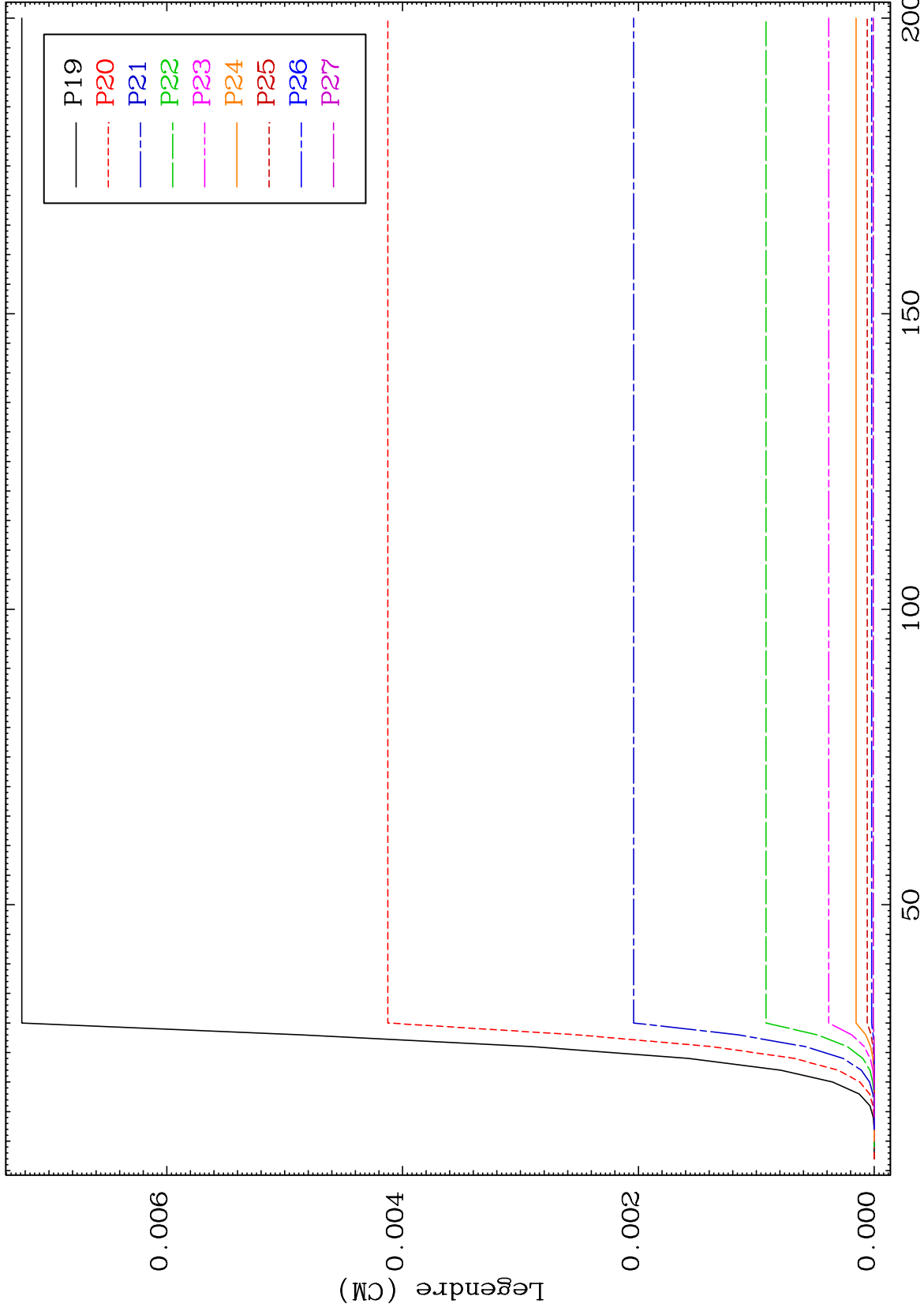
53-I -117







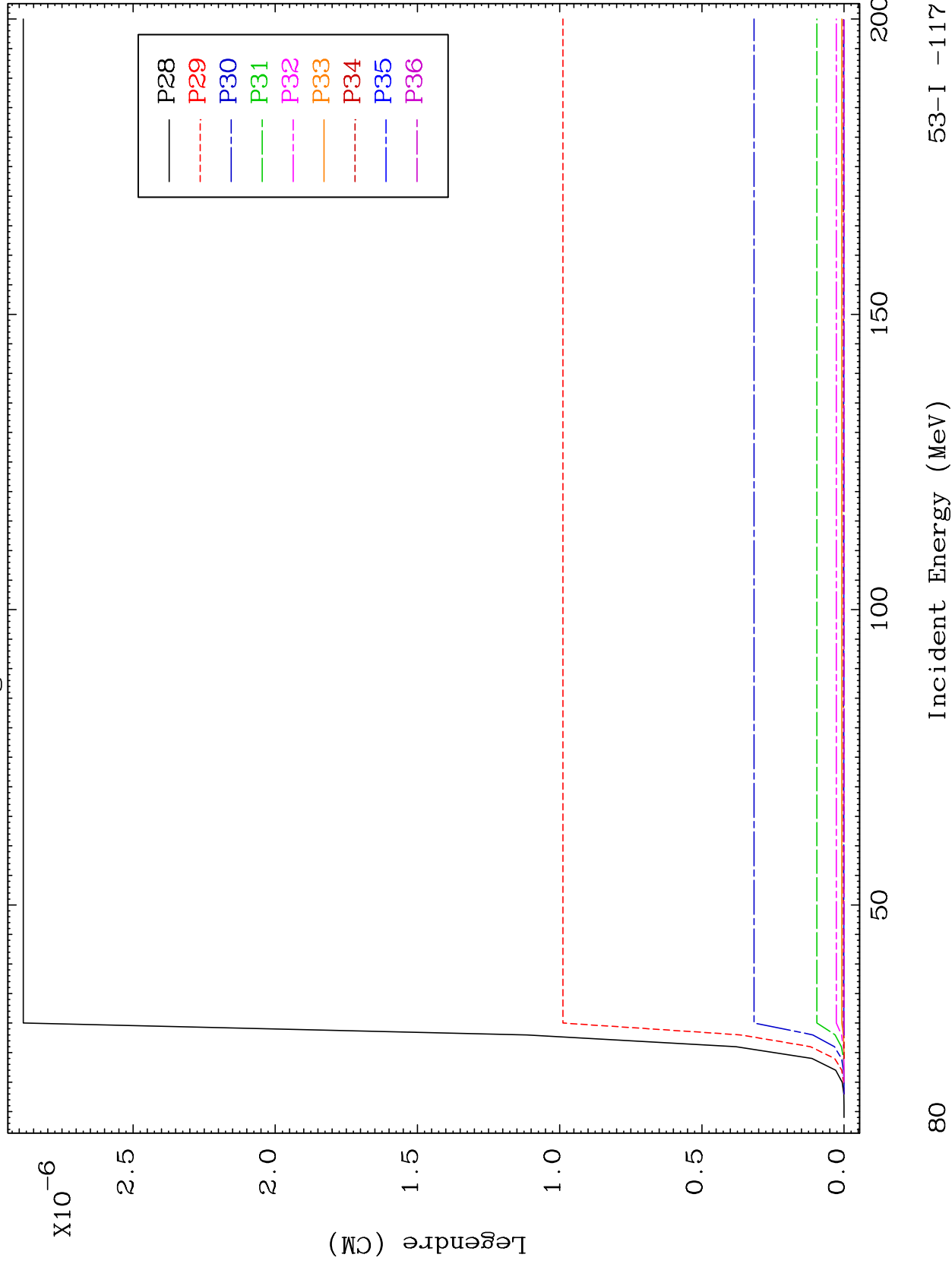




MAT 5295

695.1 keV (n,n') Level
Legendre Coefficients

53-I -117



80

Incident Energy (MeV)

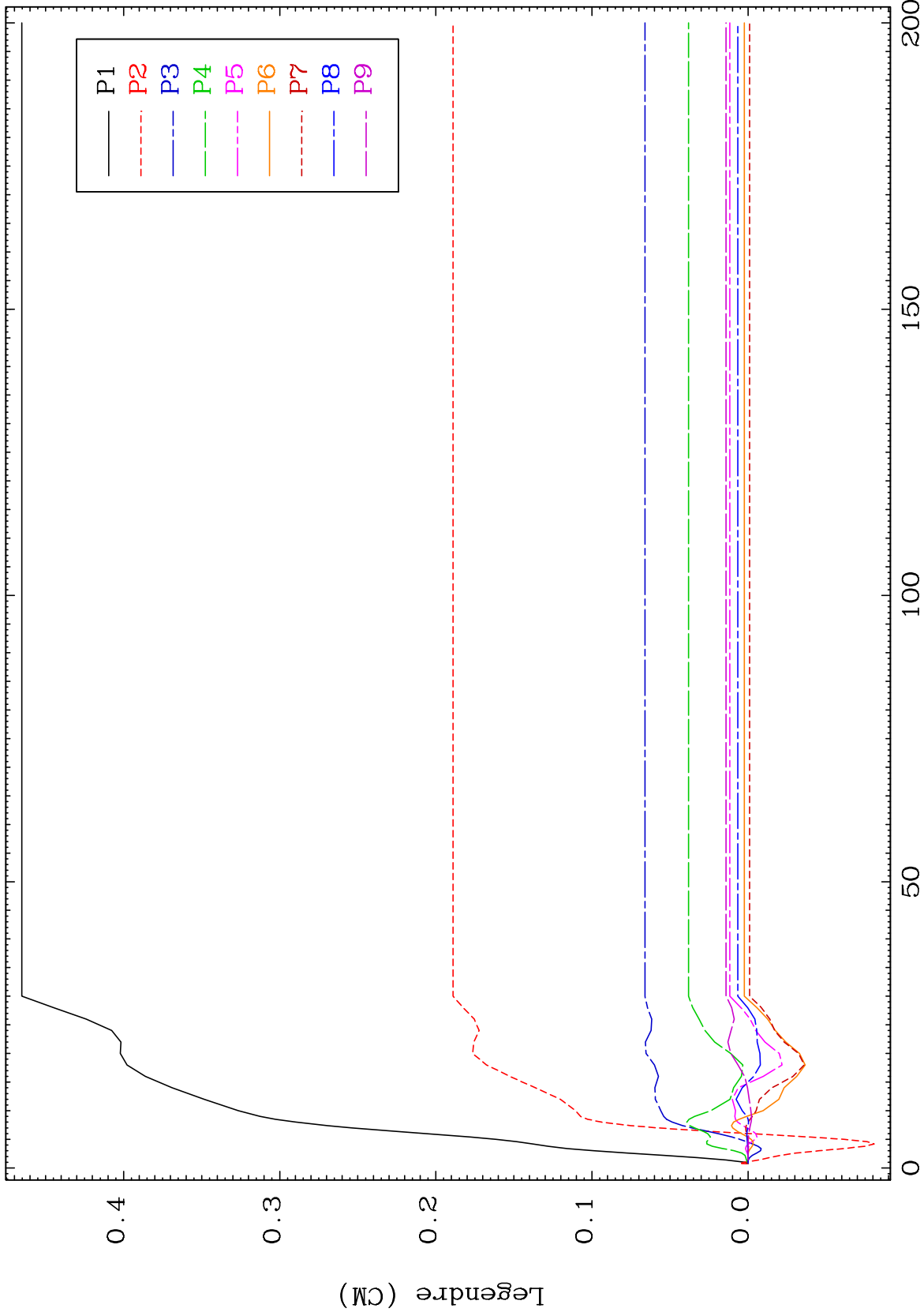
150

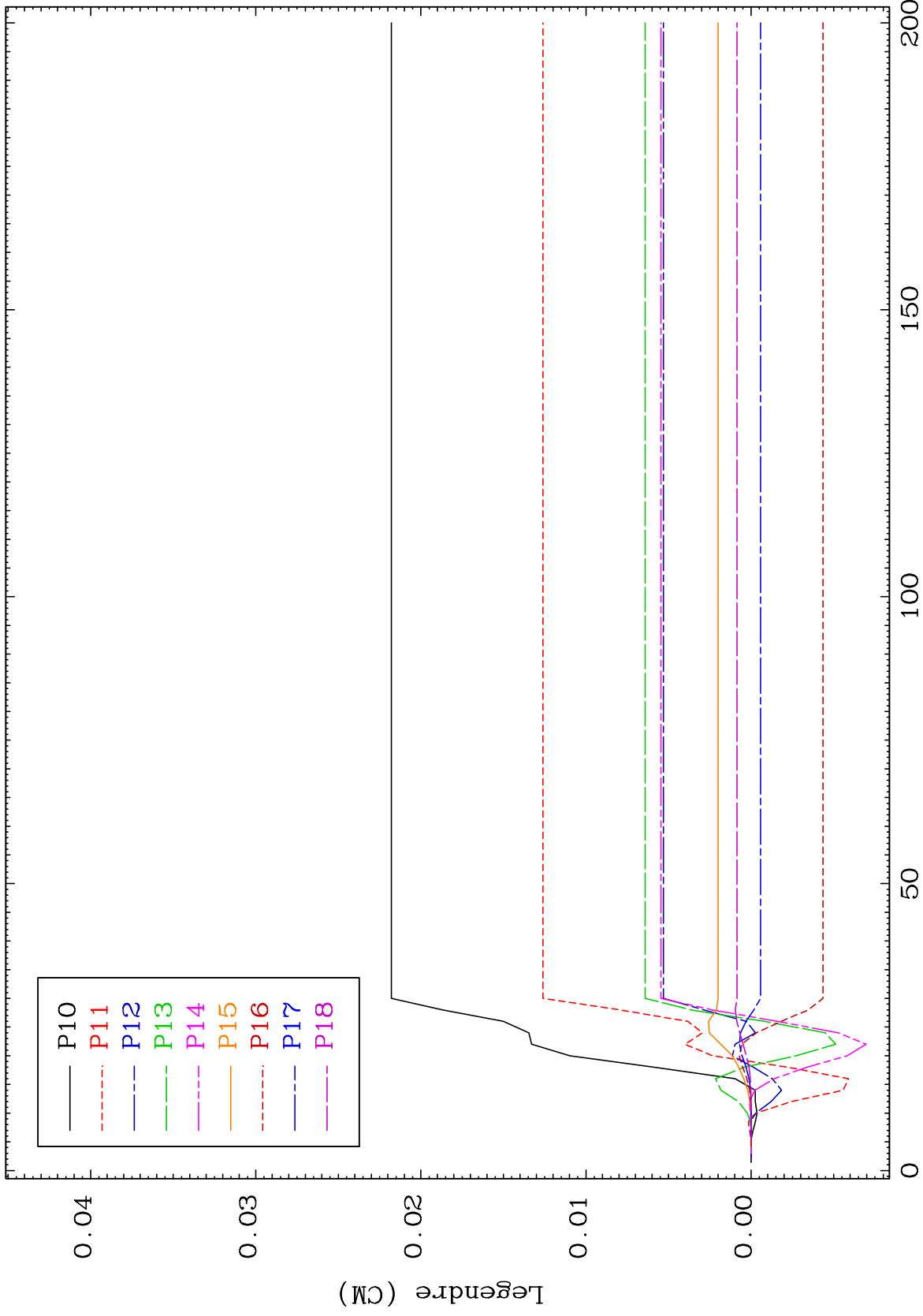
100

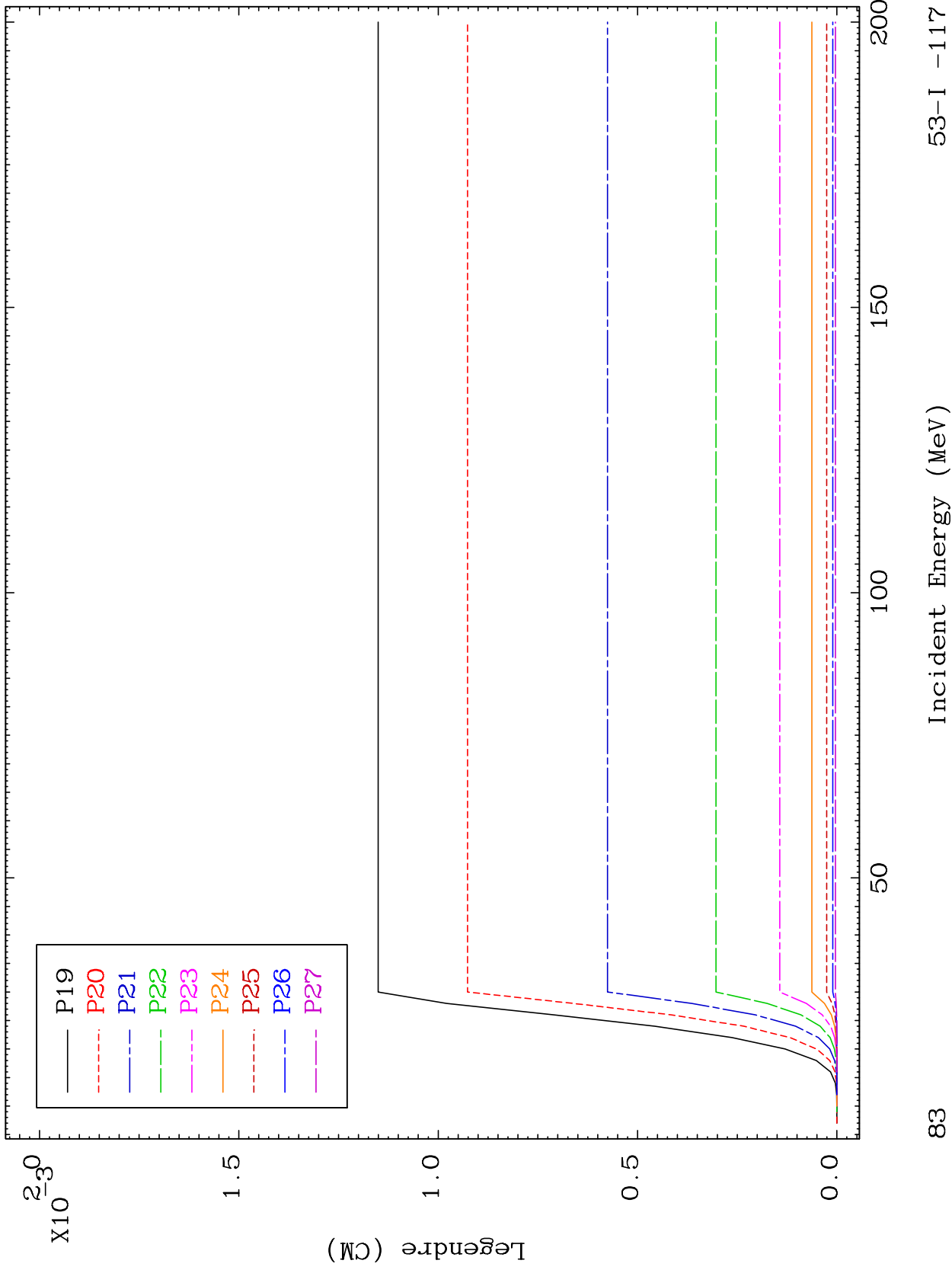
50

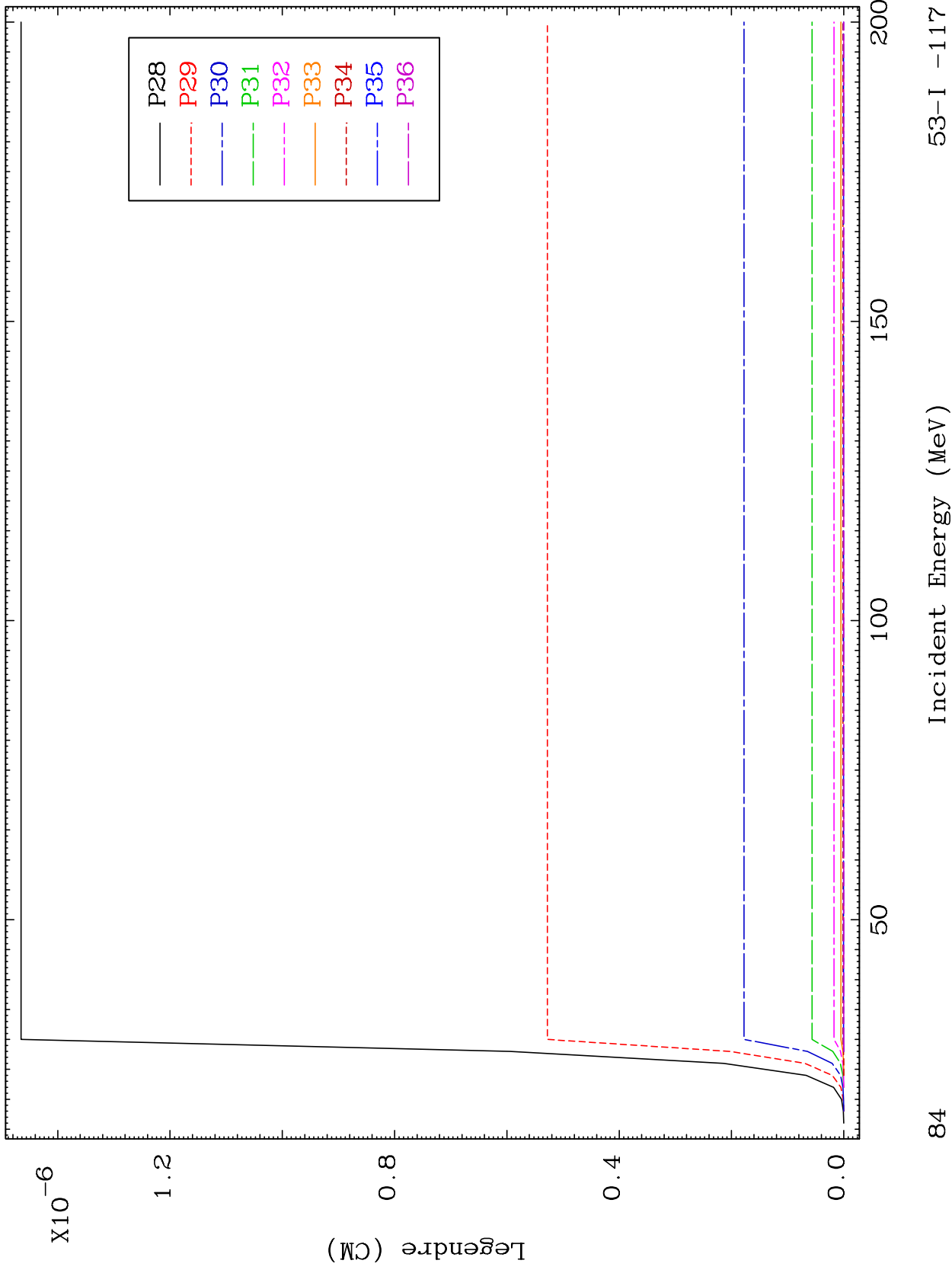
200

53-I -117





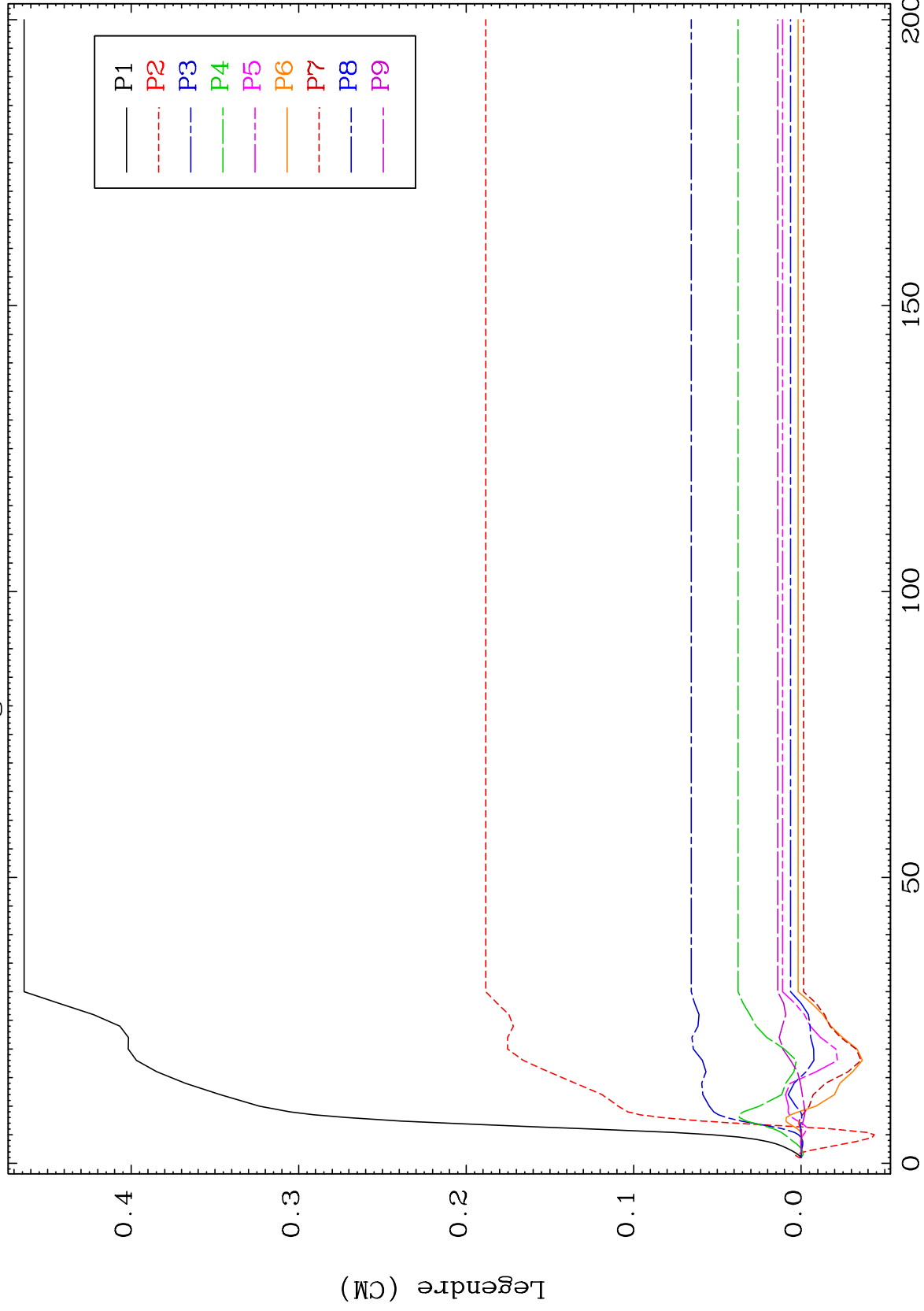




MAT 5295

971.7 keV (n,n') Level
Legendre Coefficients

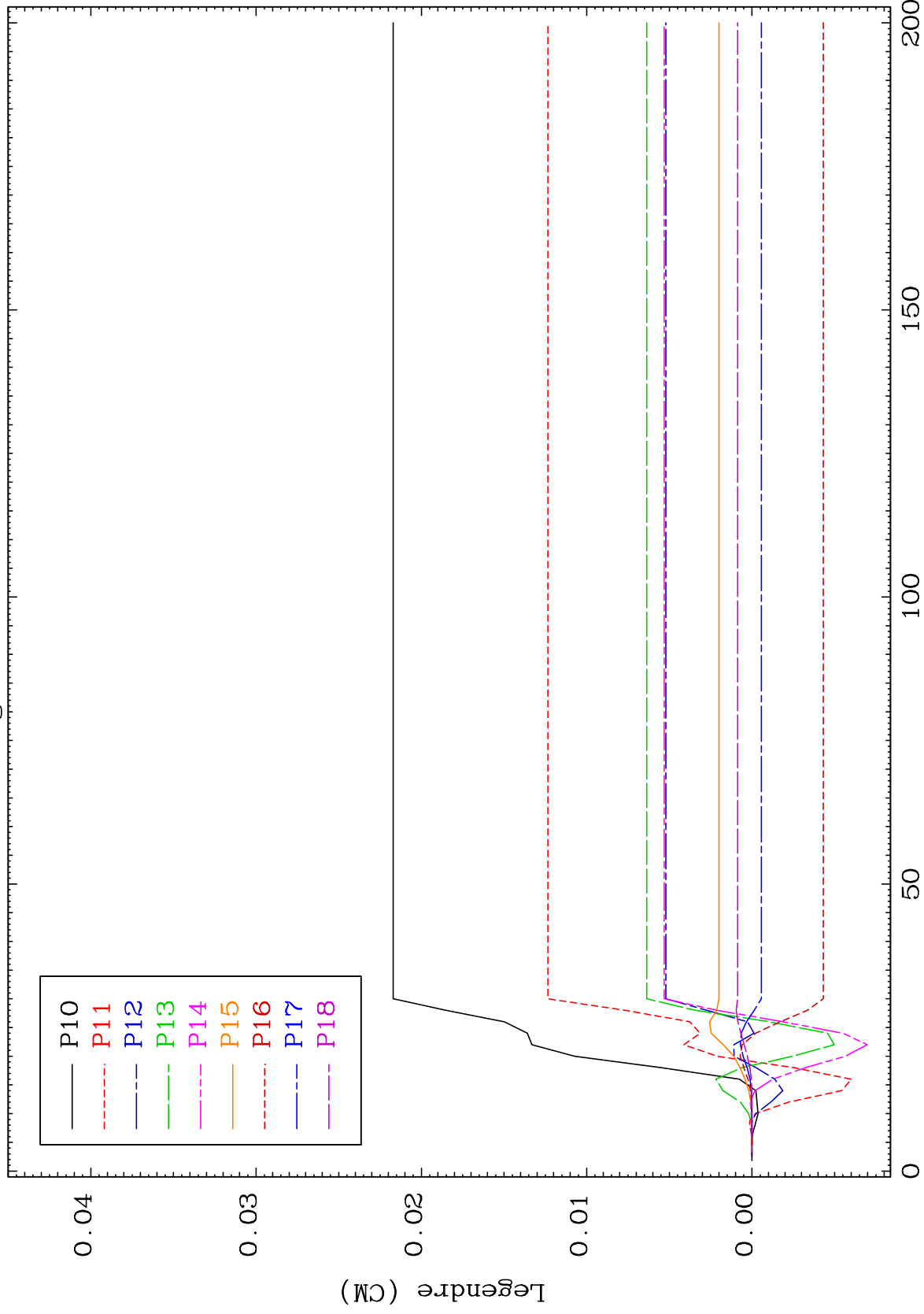
53-I -117

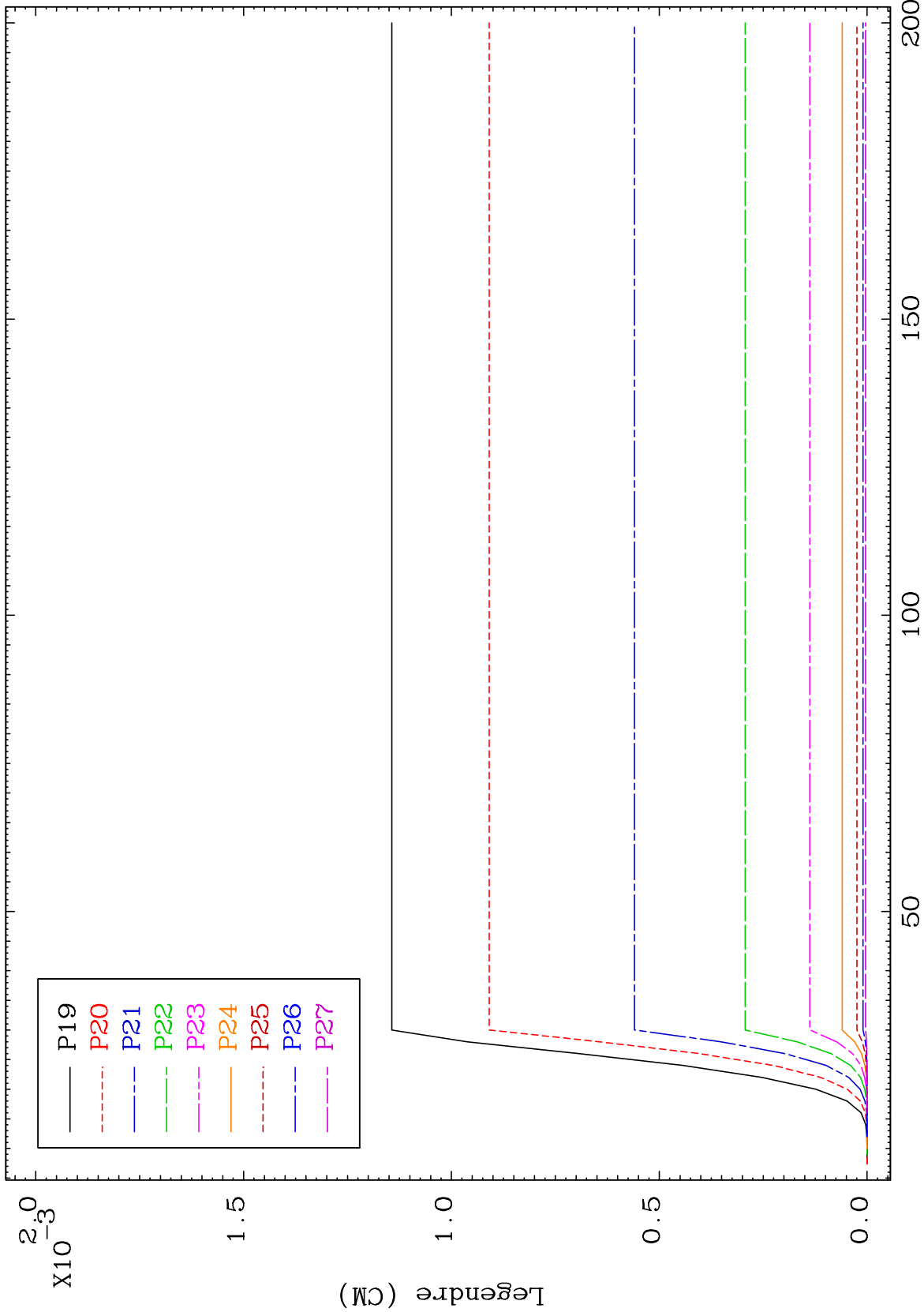


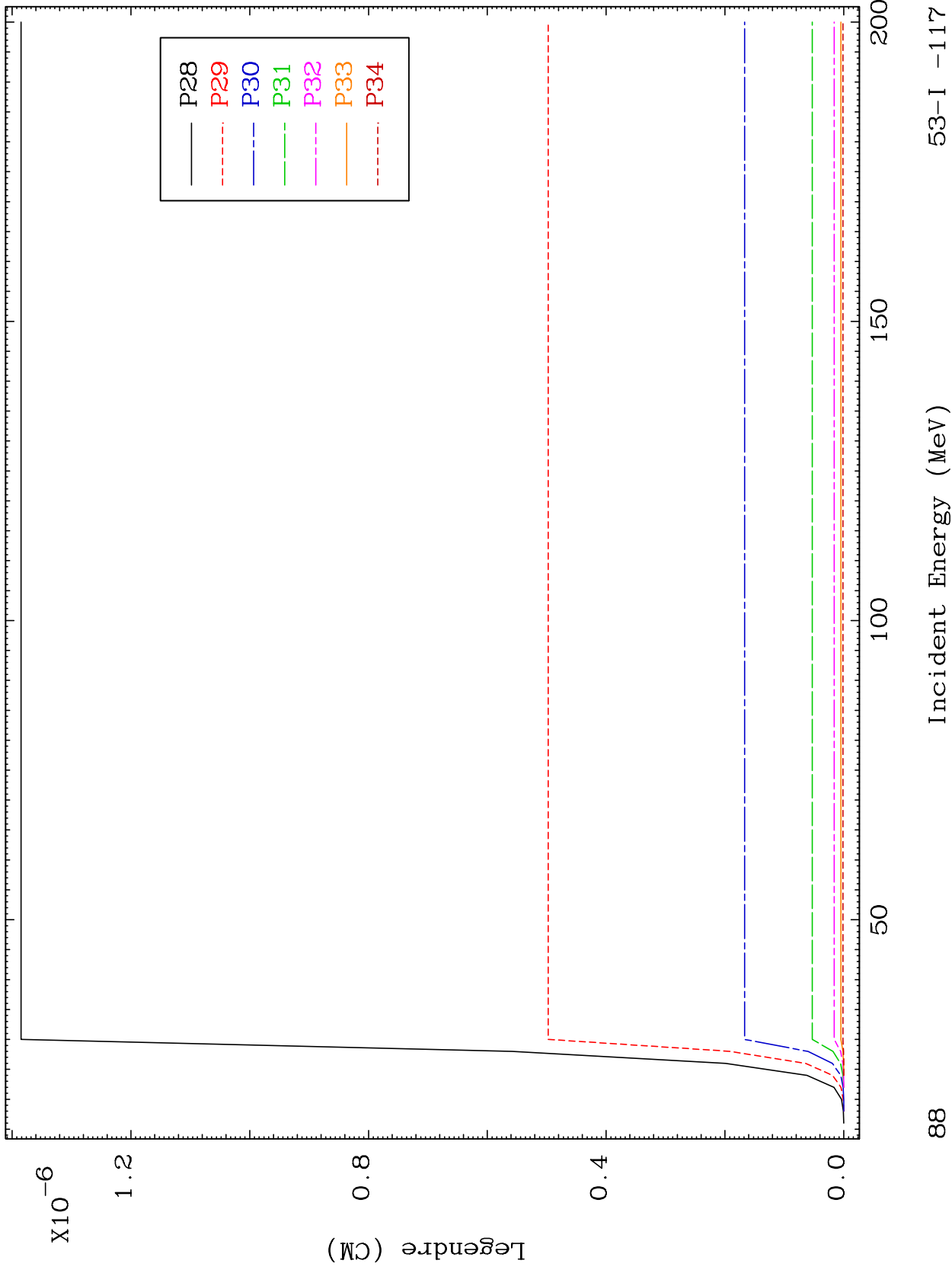
53-I -117

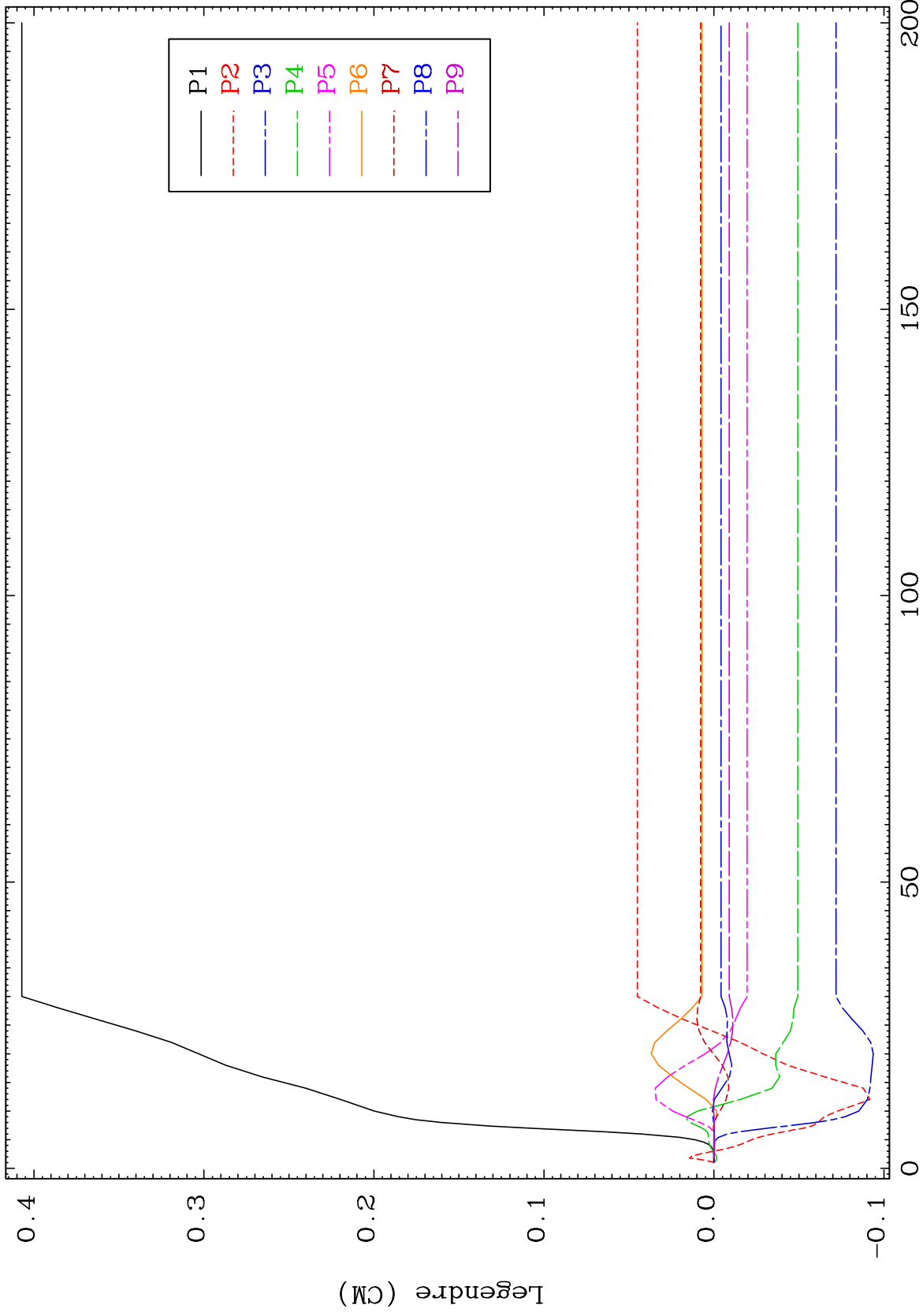
Incident Energy (MeV)

85





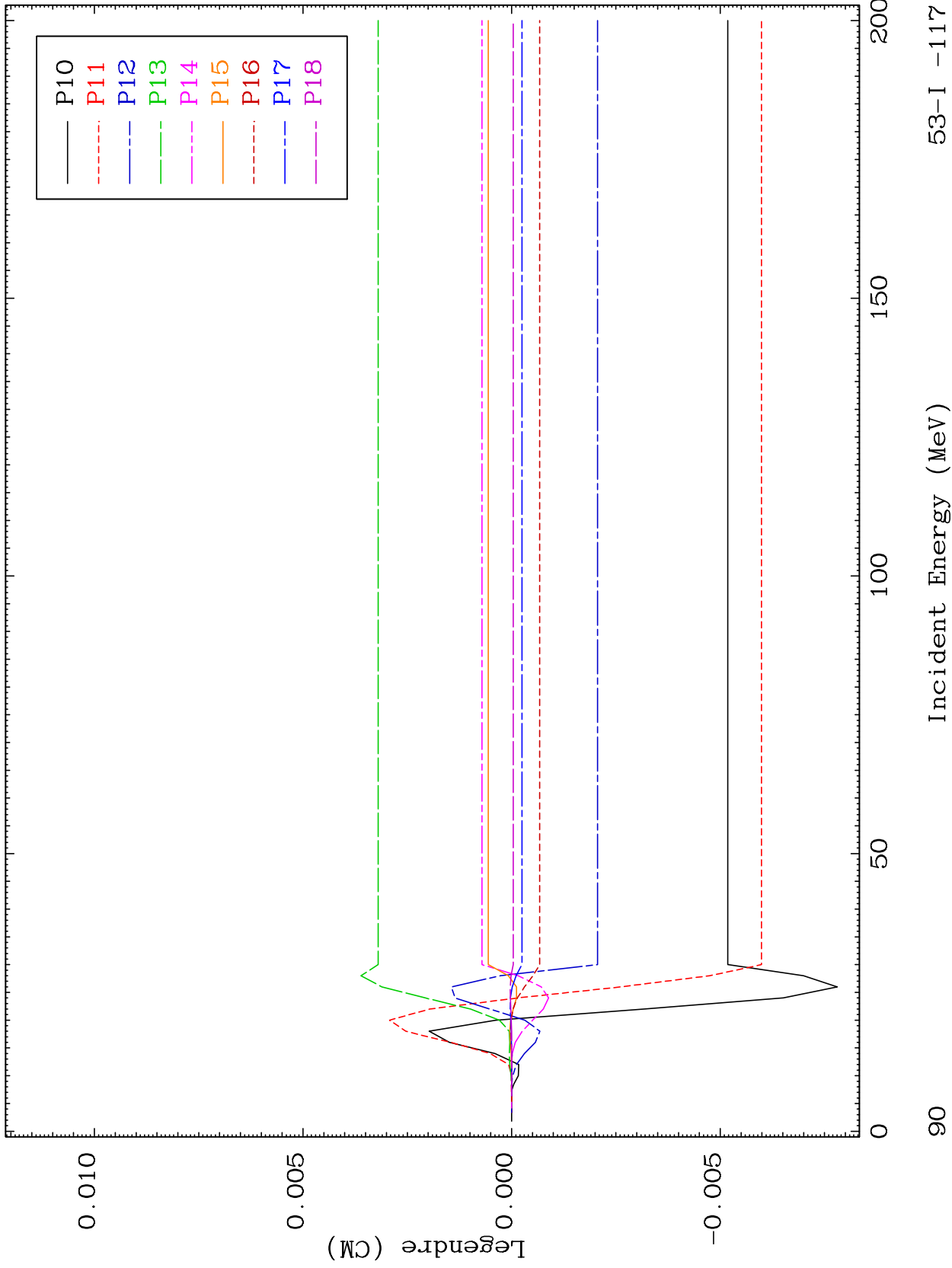




MAT 5295

1.015 MeV (n,n') Level
Legendre Coefficients

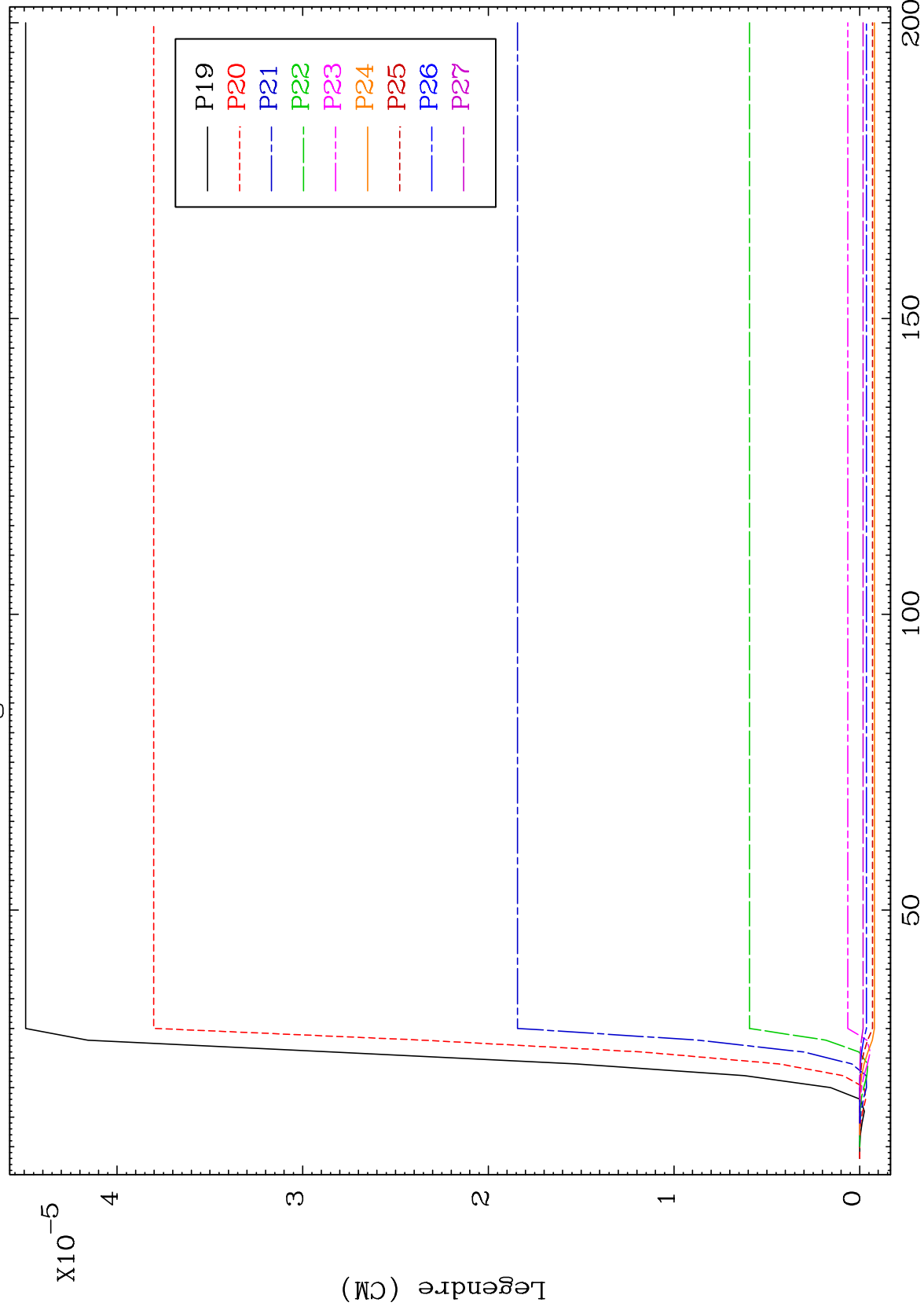
53-I -117

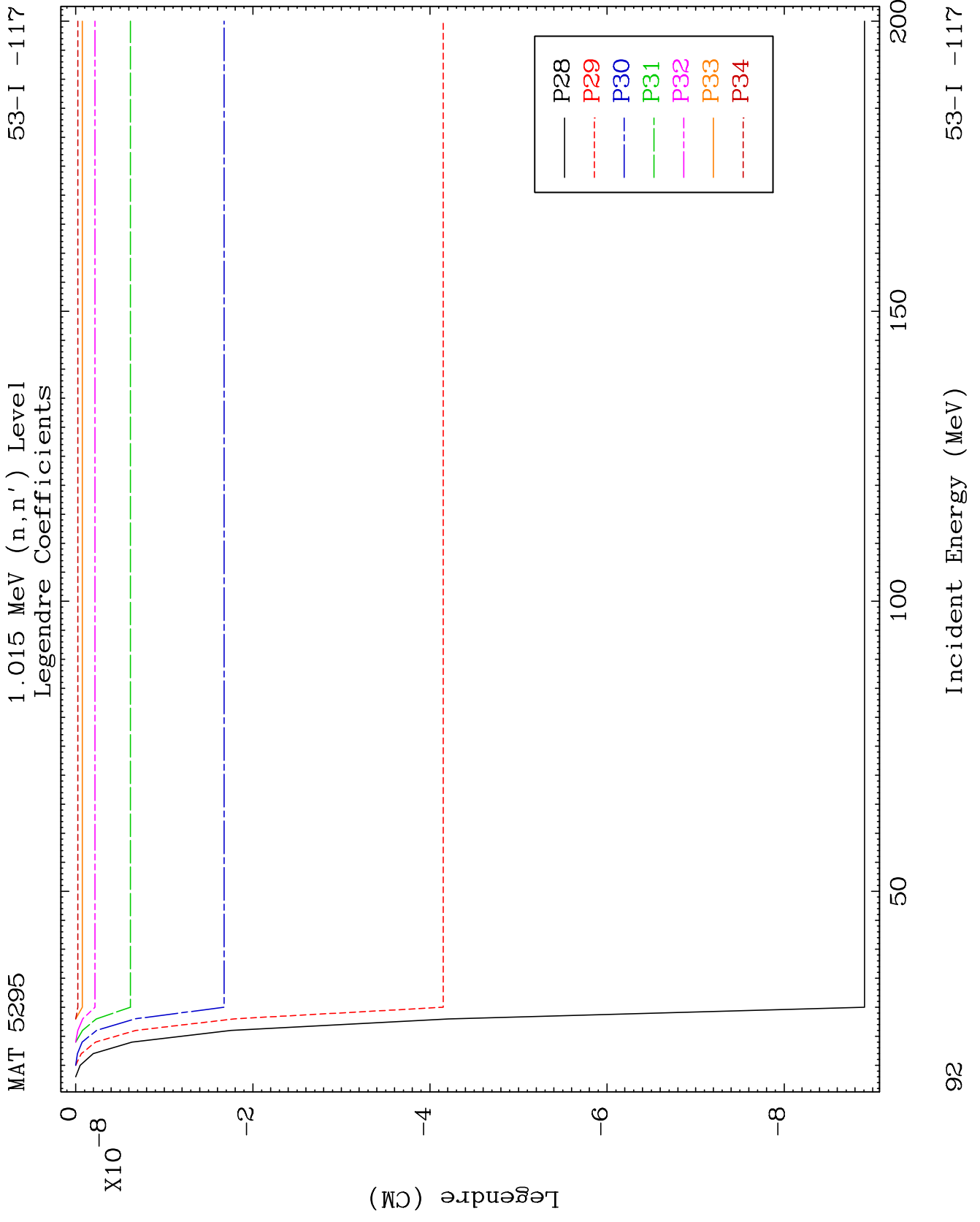


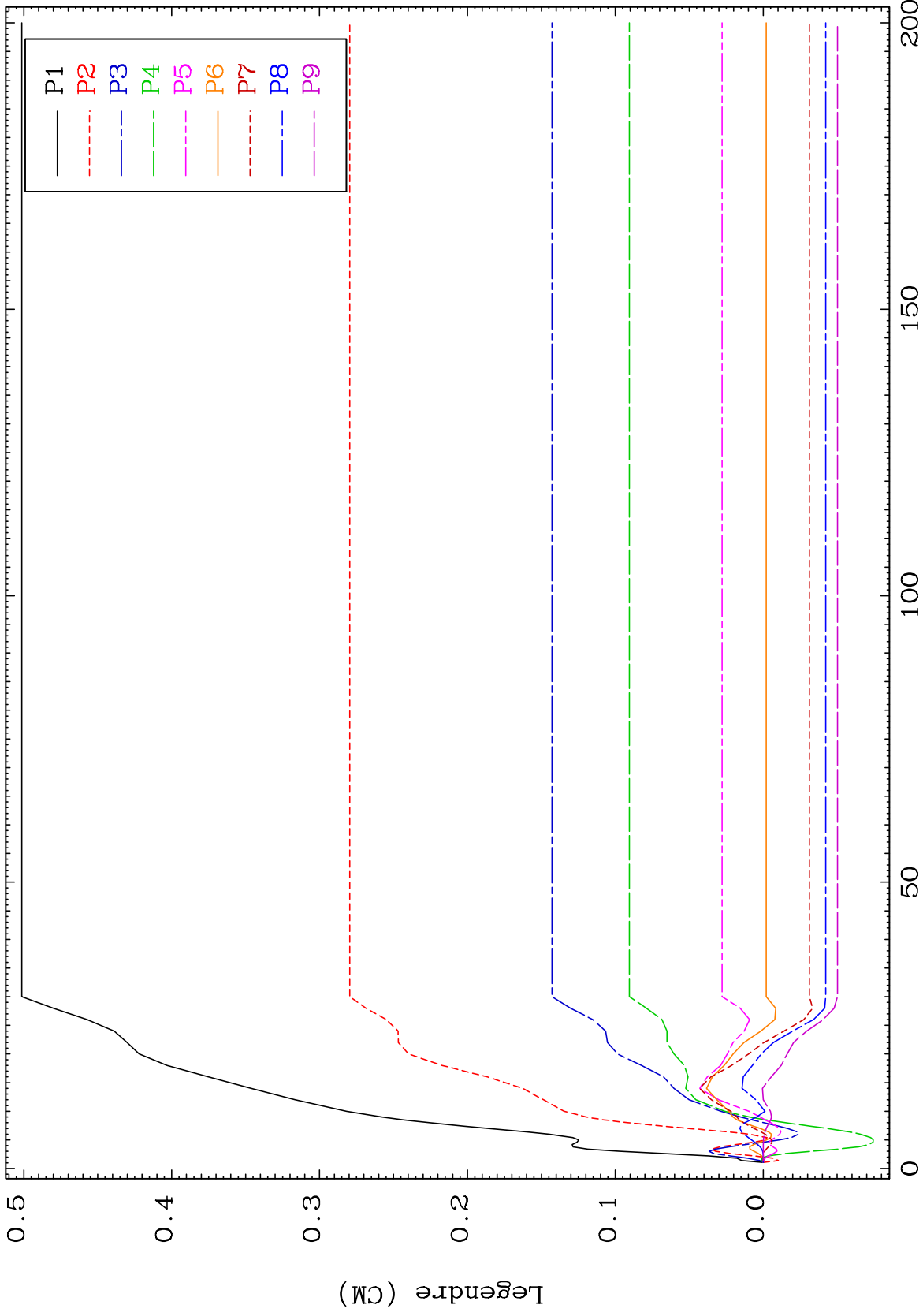
53-I -117

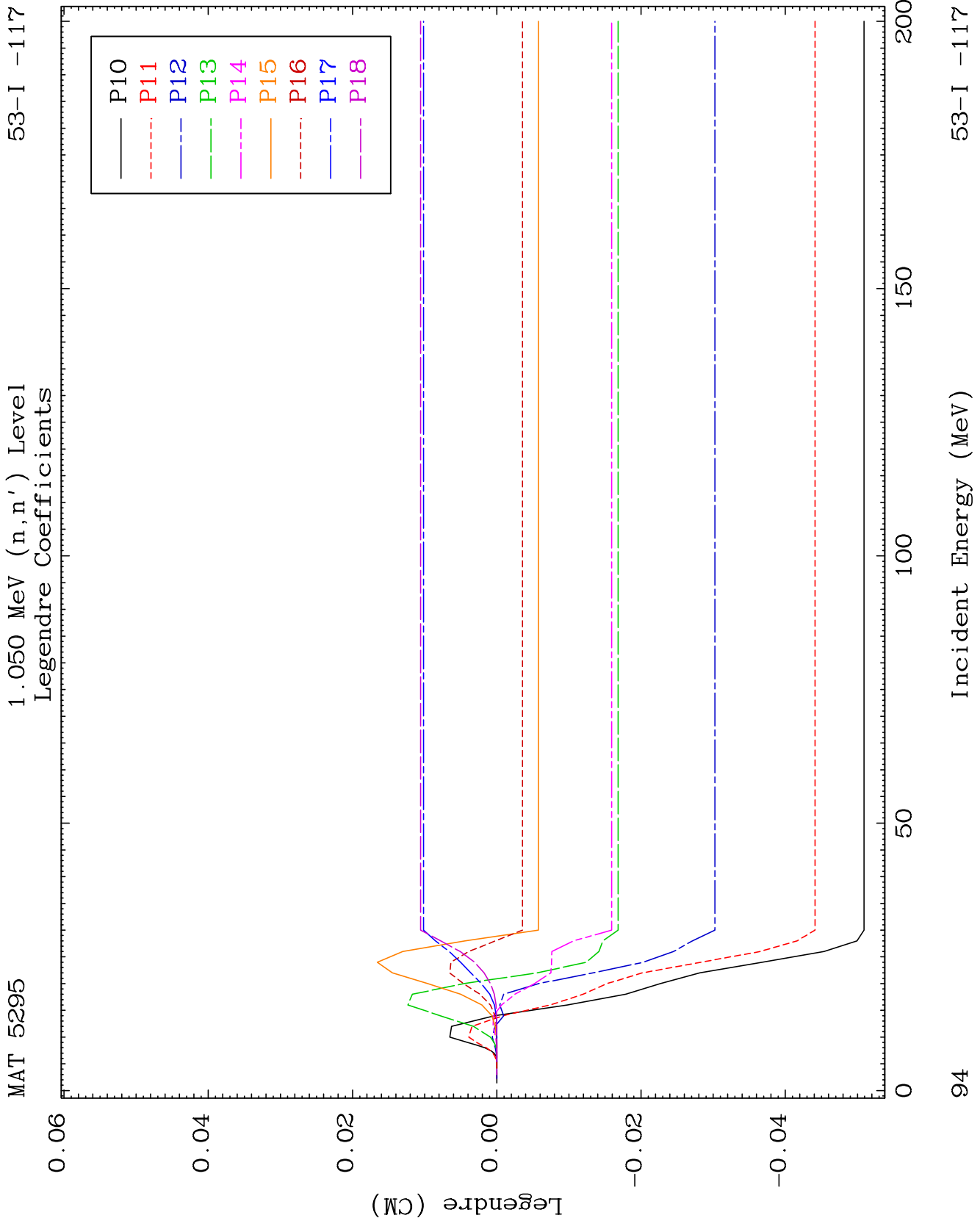
Incident Energy (MeV)

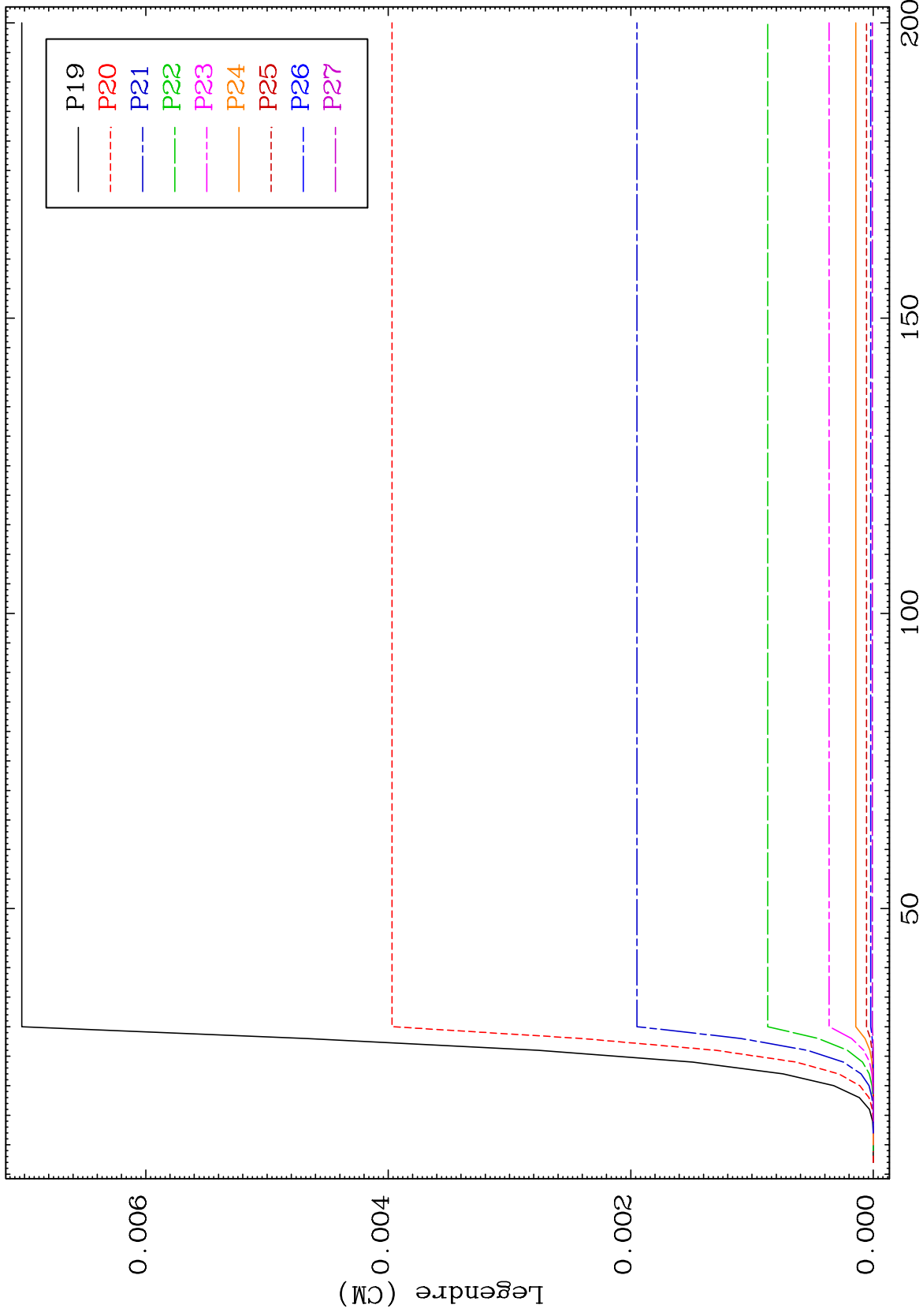
90

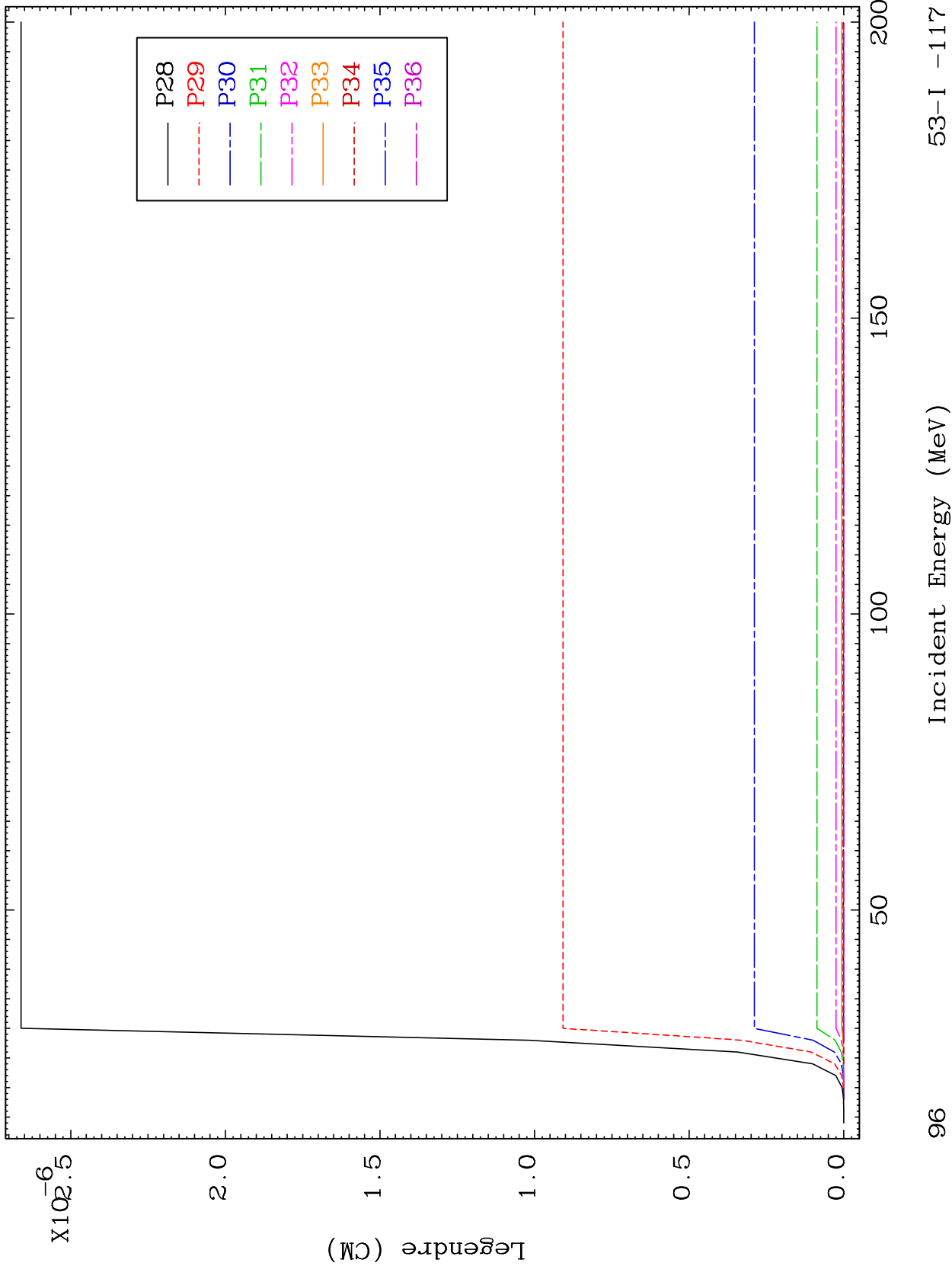


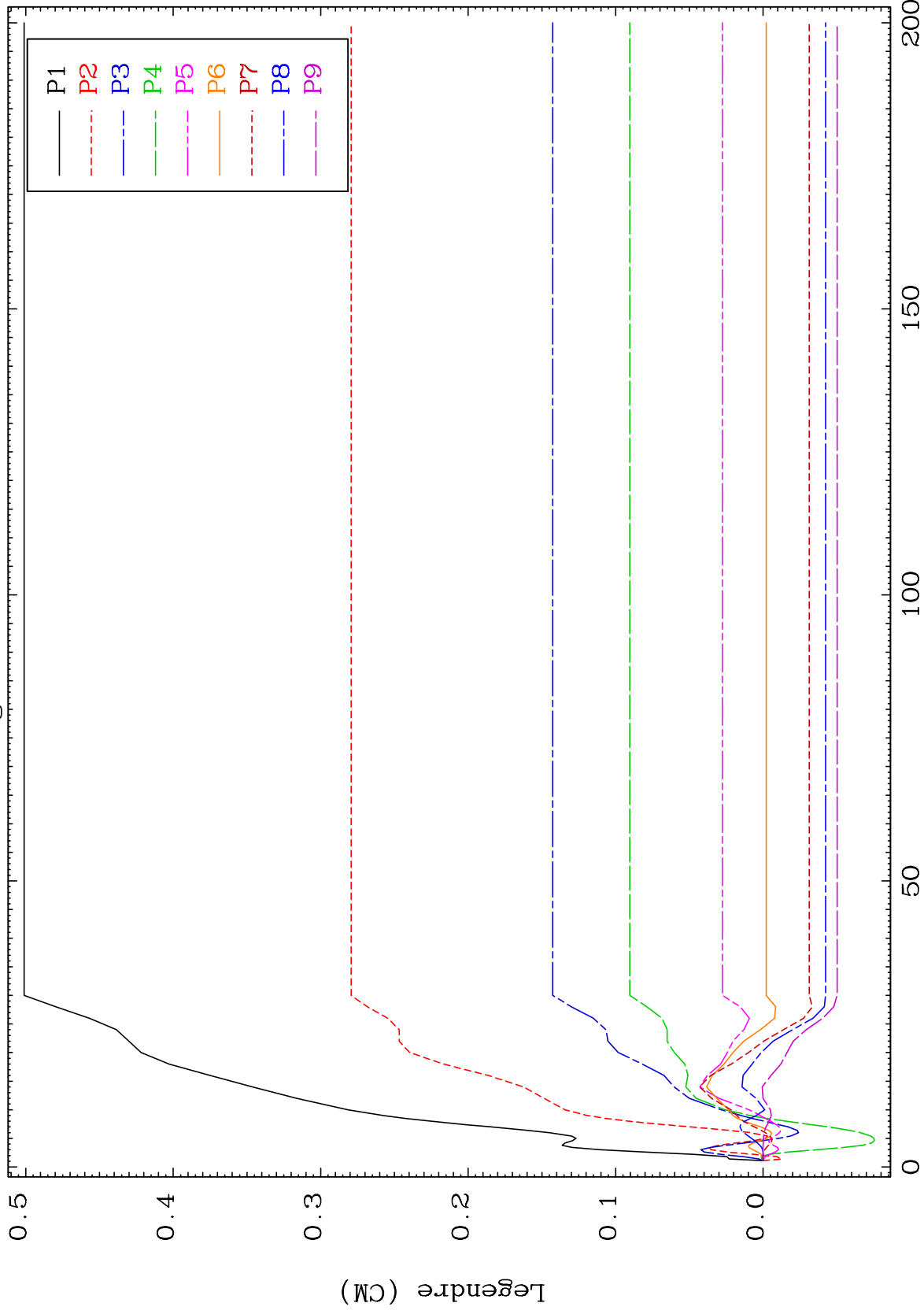


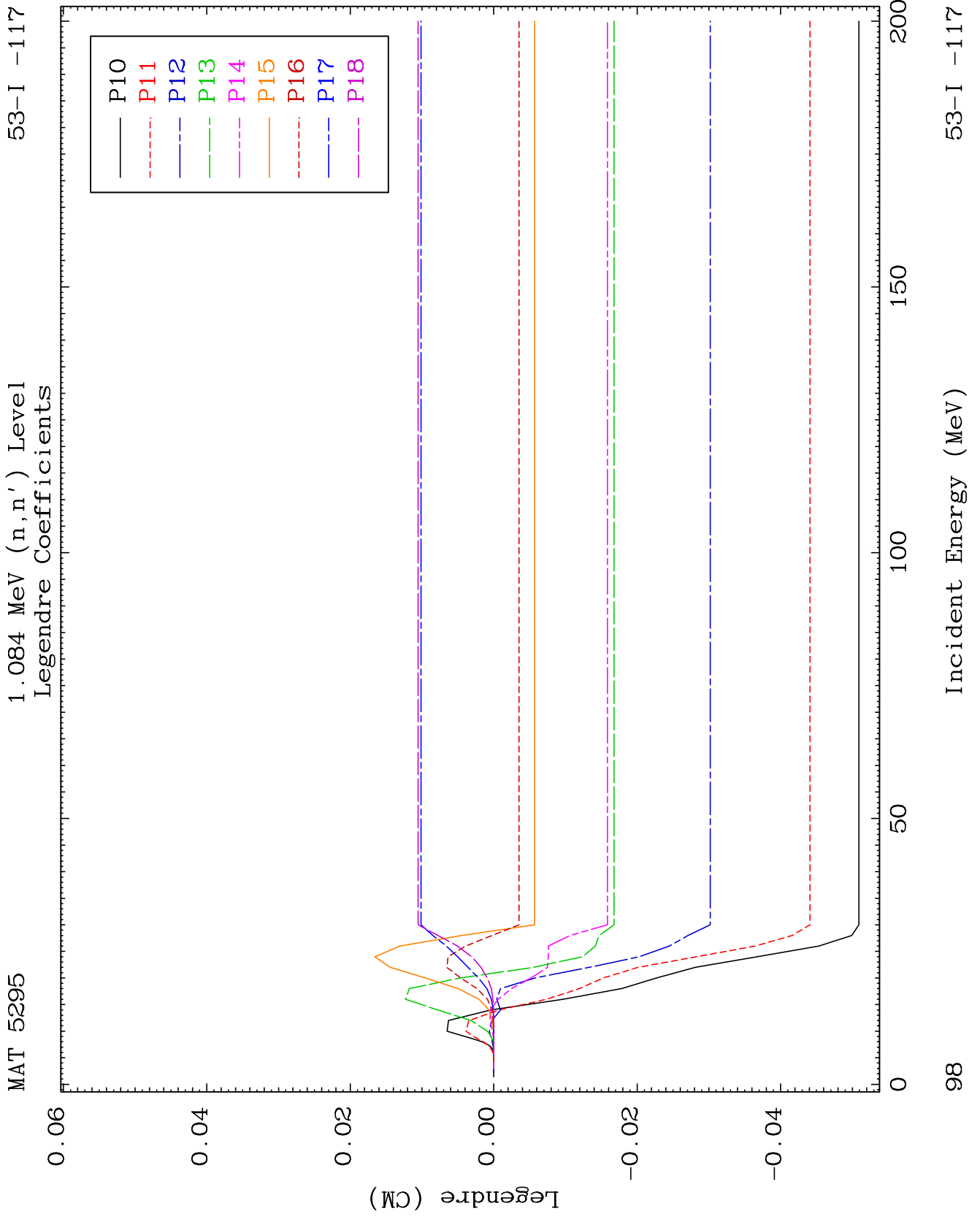


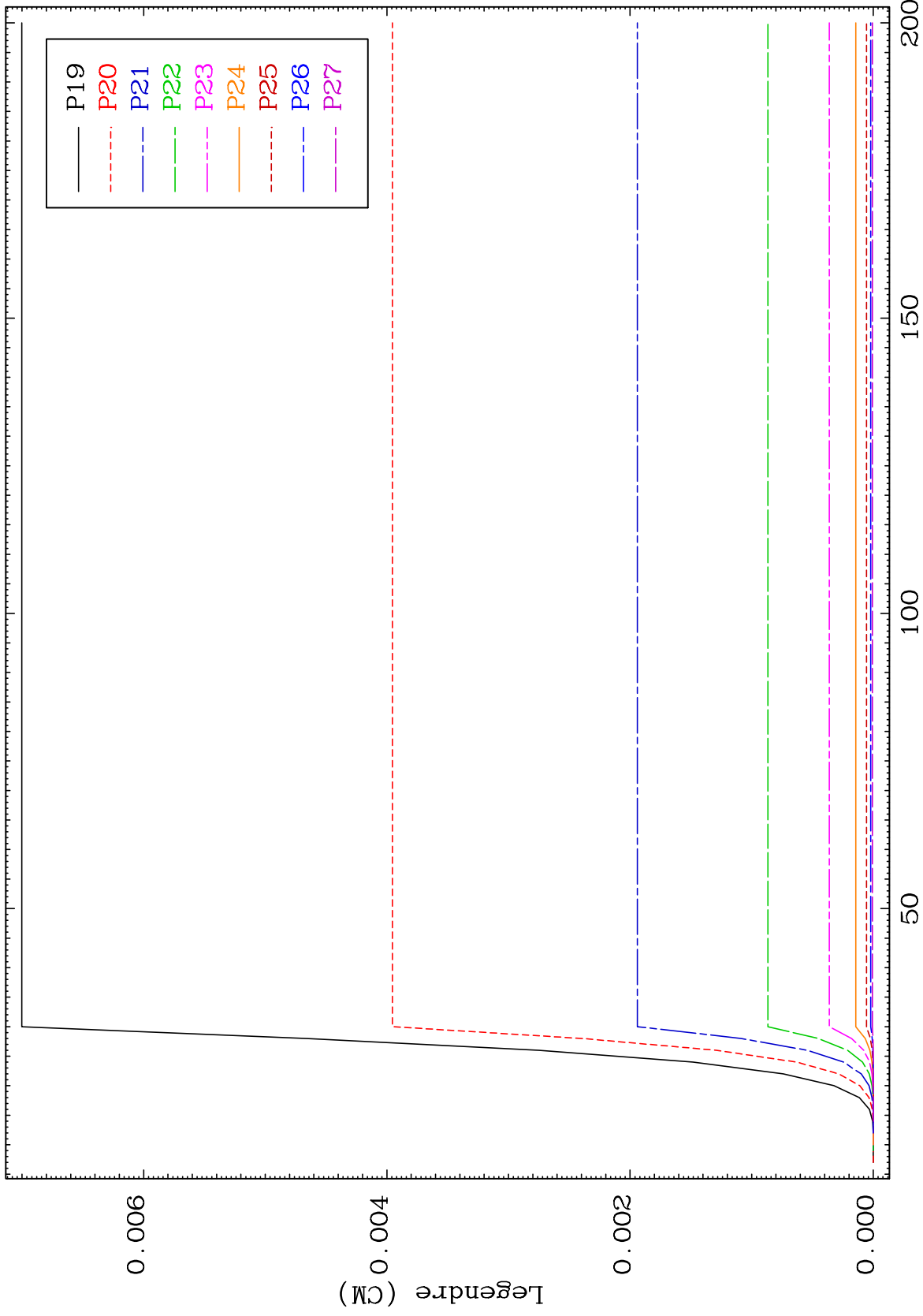








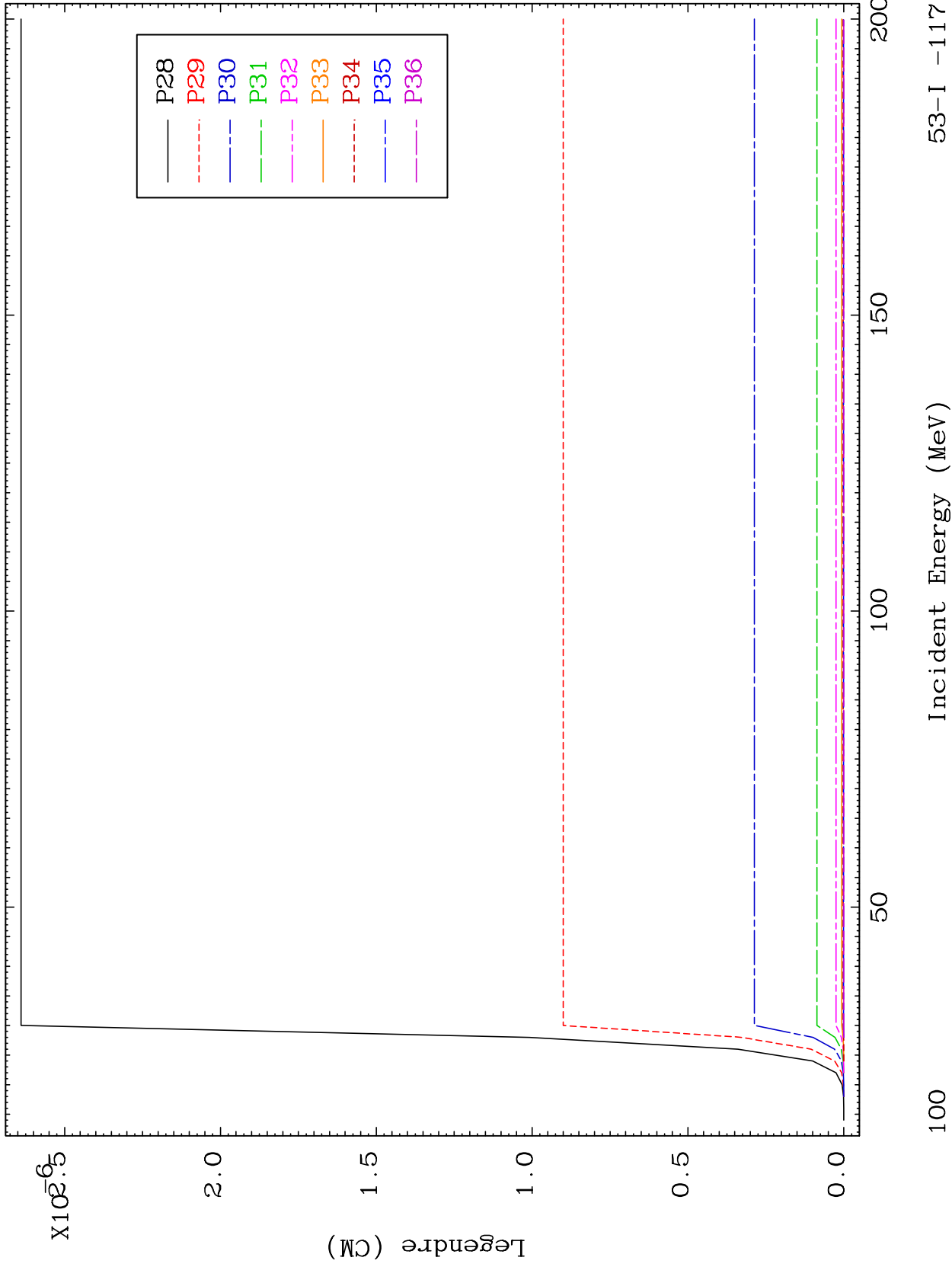




MAT 5295

1.084 MeV (n,n') Level
Legendre Coefficients

53-I -117



53-I -117

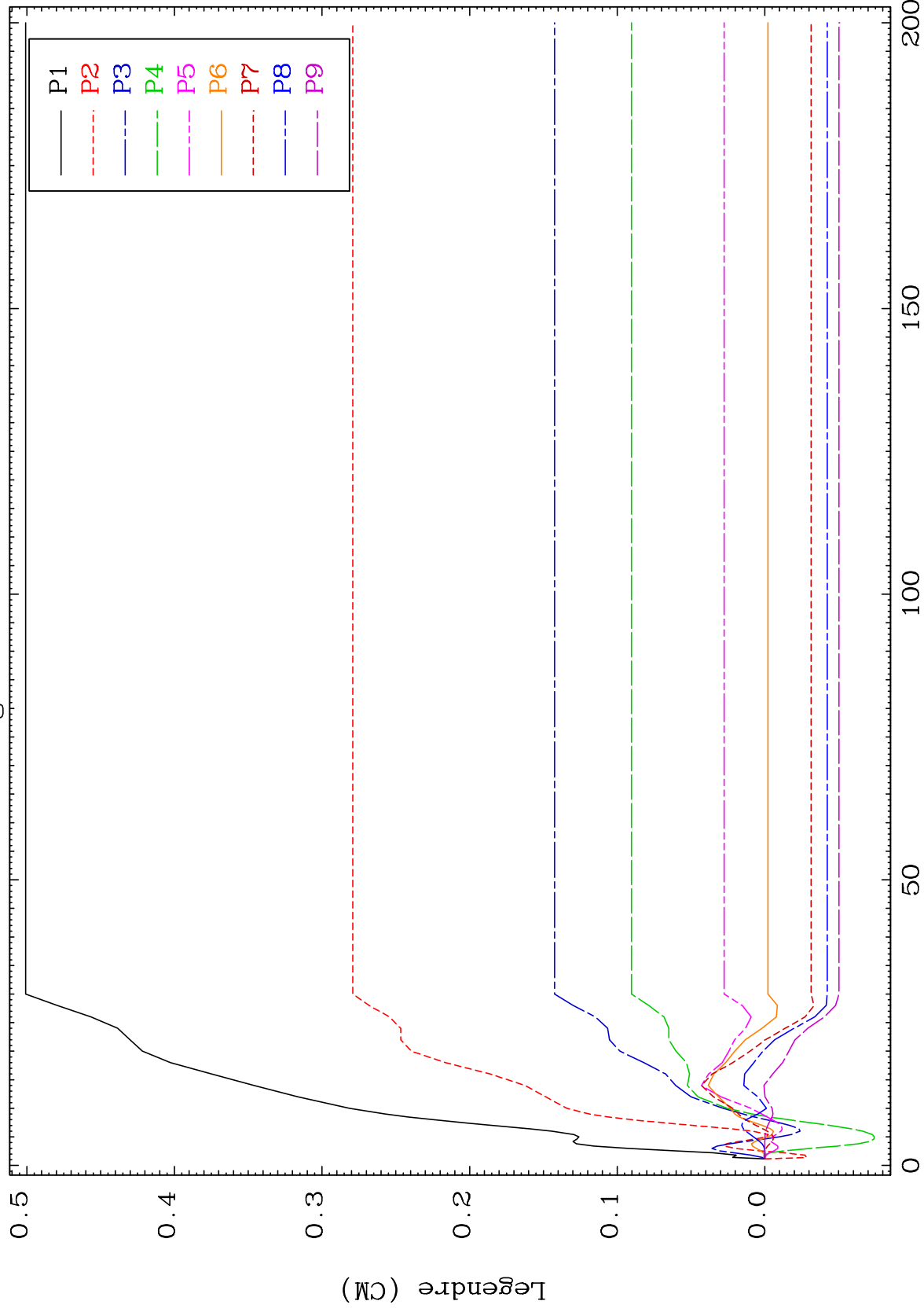
Incident Energy (MeV)

100

MAT 5295

1.130 MeV (n,n') Level
Legendre Coefficients

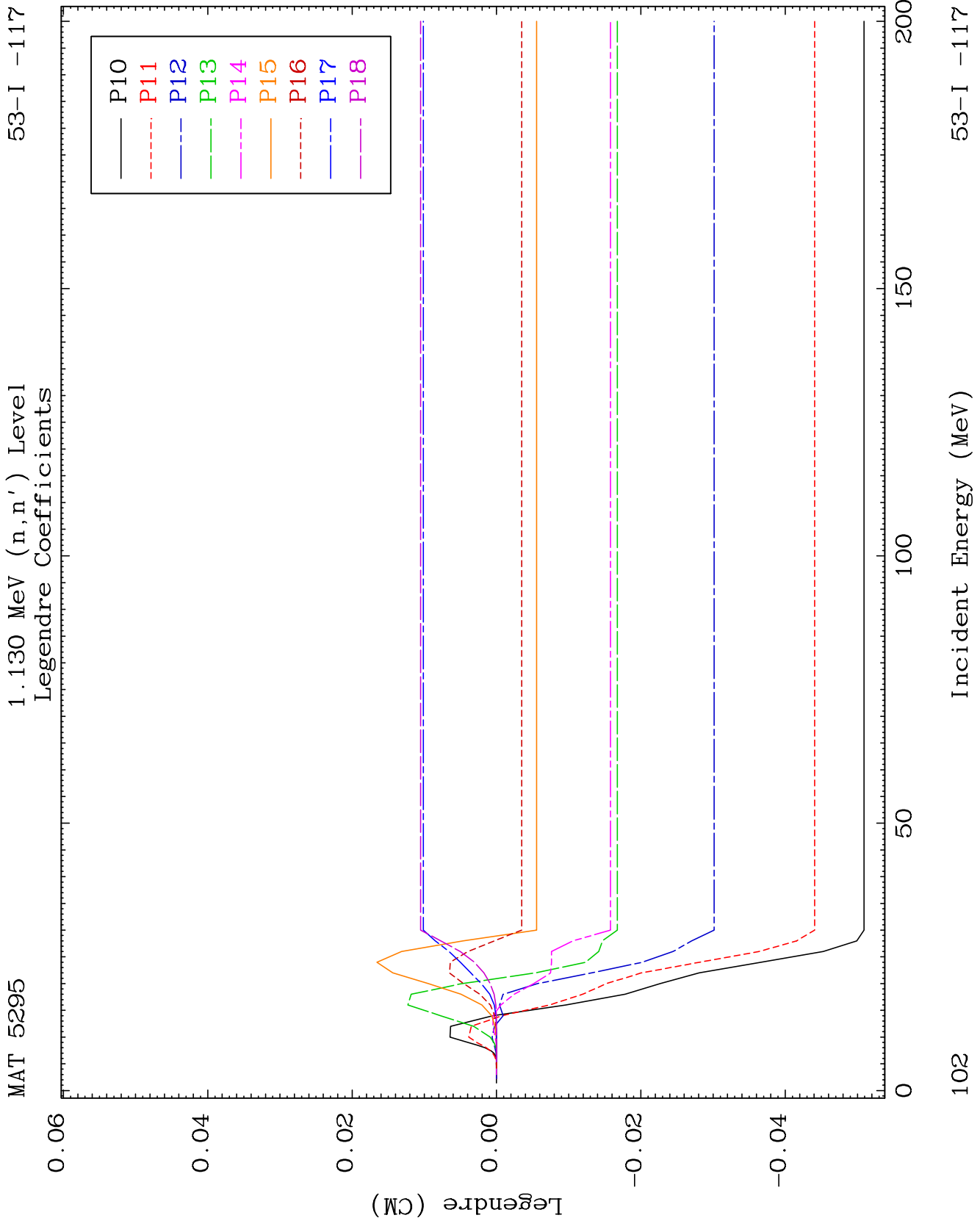
53-I -117

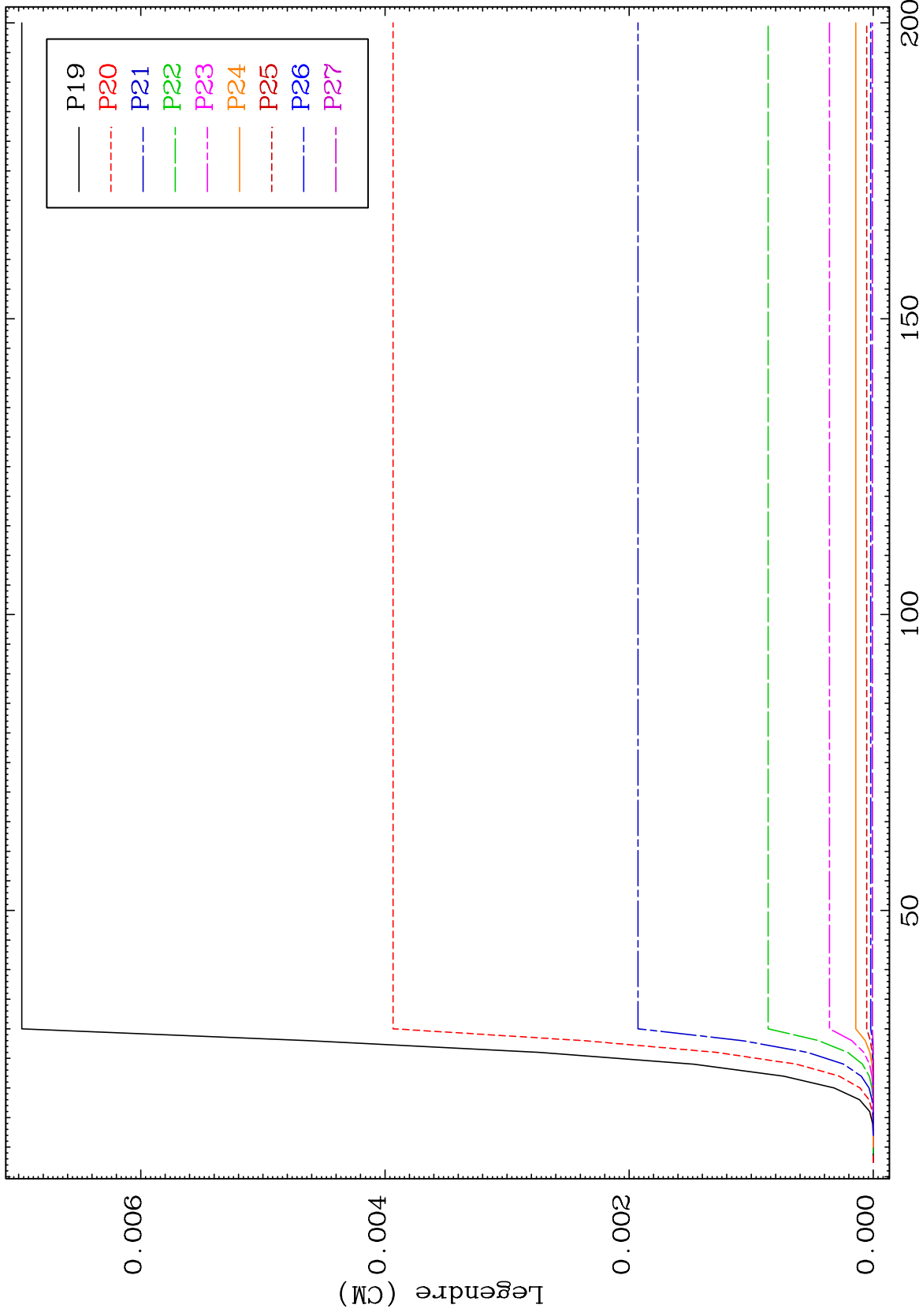


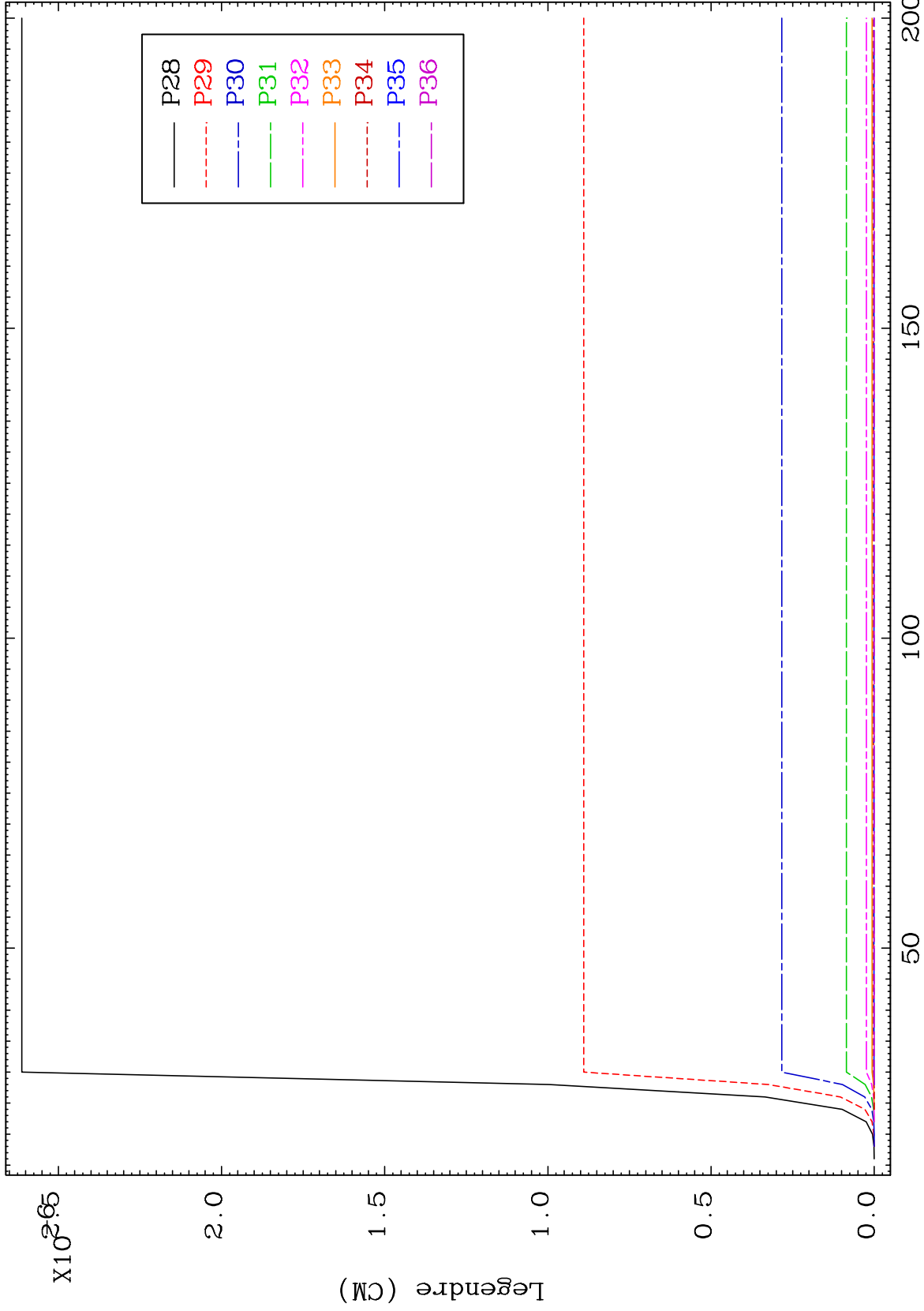
Incident Energy (MeV)

53-I -117

101



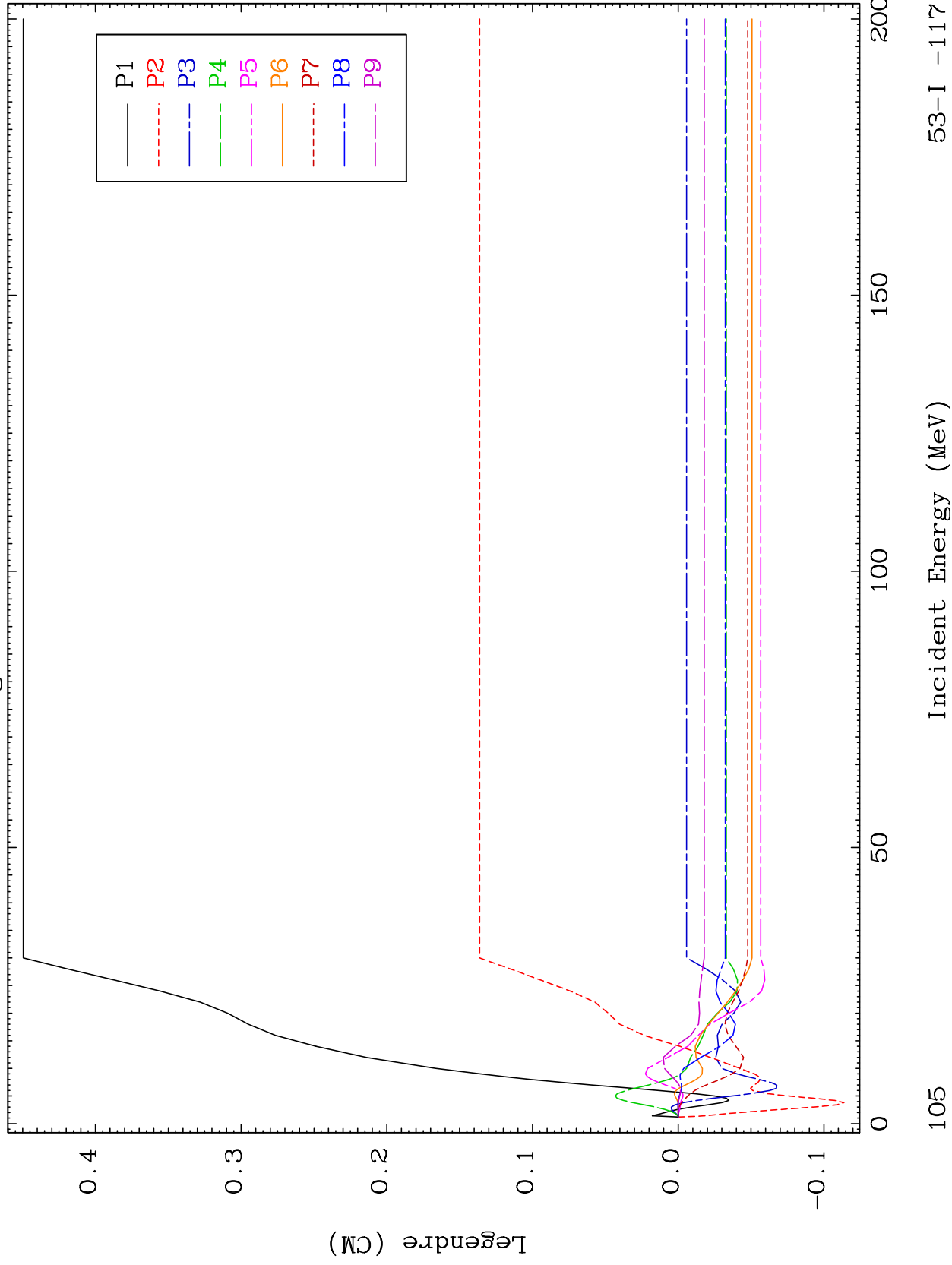




MAT 5295

1.174 MeV (n,n') Level
Legendre Coefficients

53-I -117

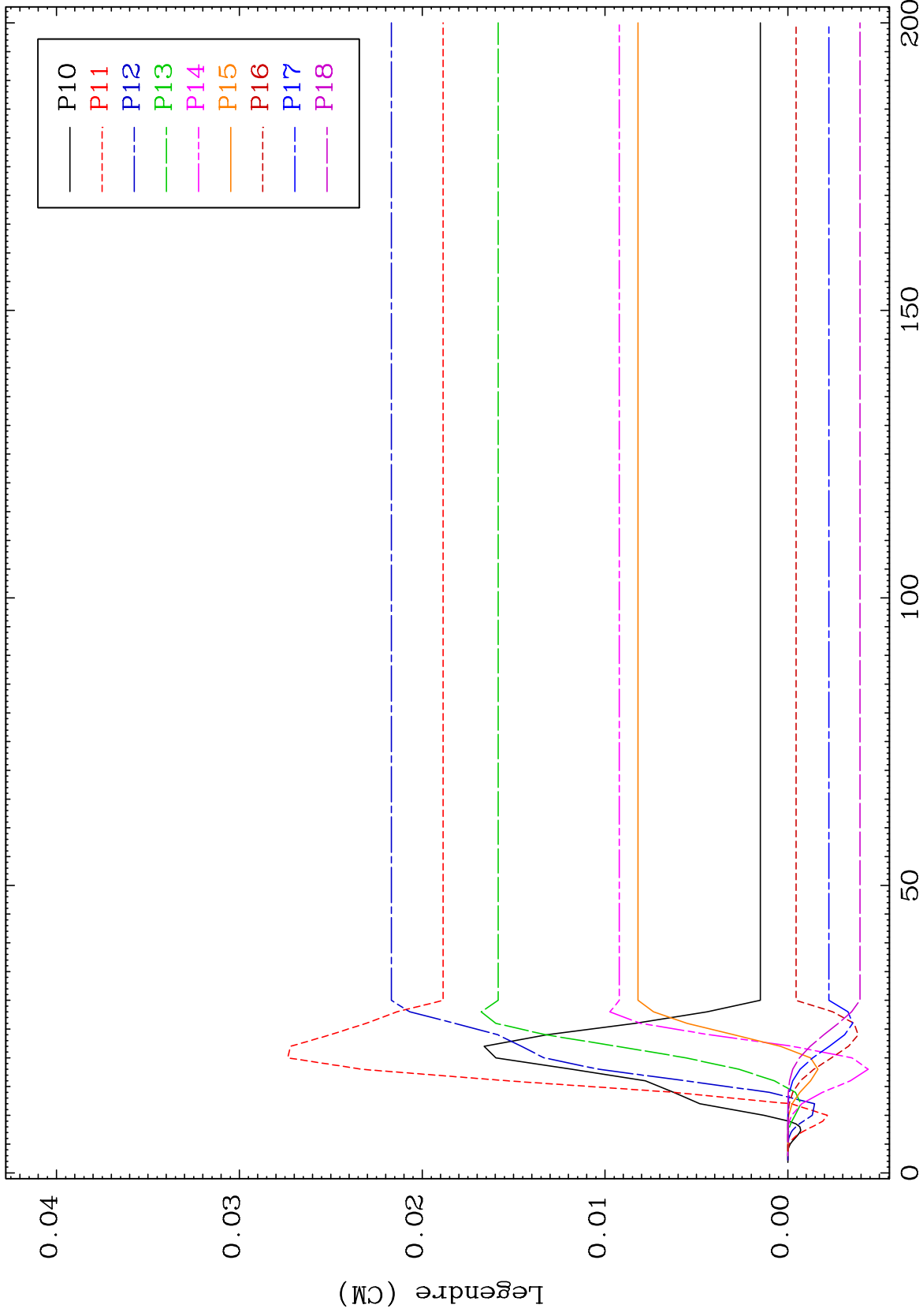


53-I -117

MAT 5295

1.174 MeV (n,n') Level
Legendre Coefficients

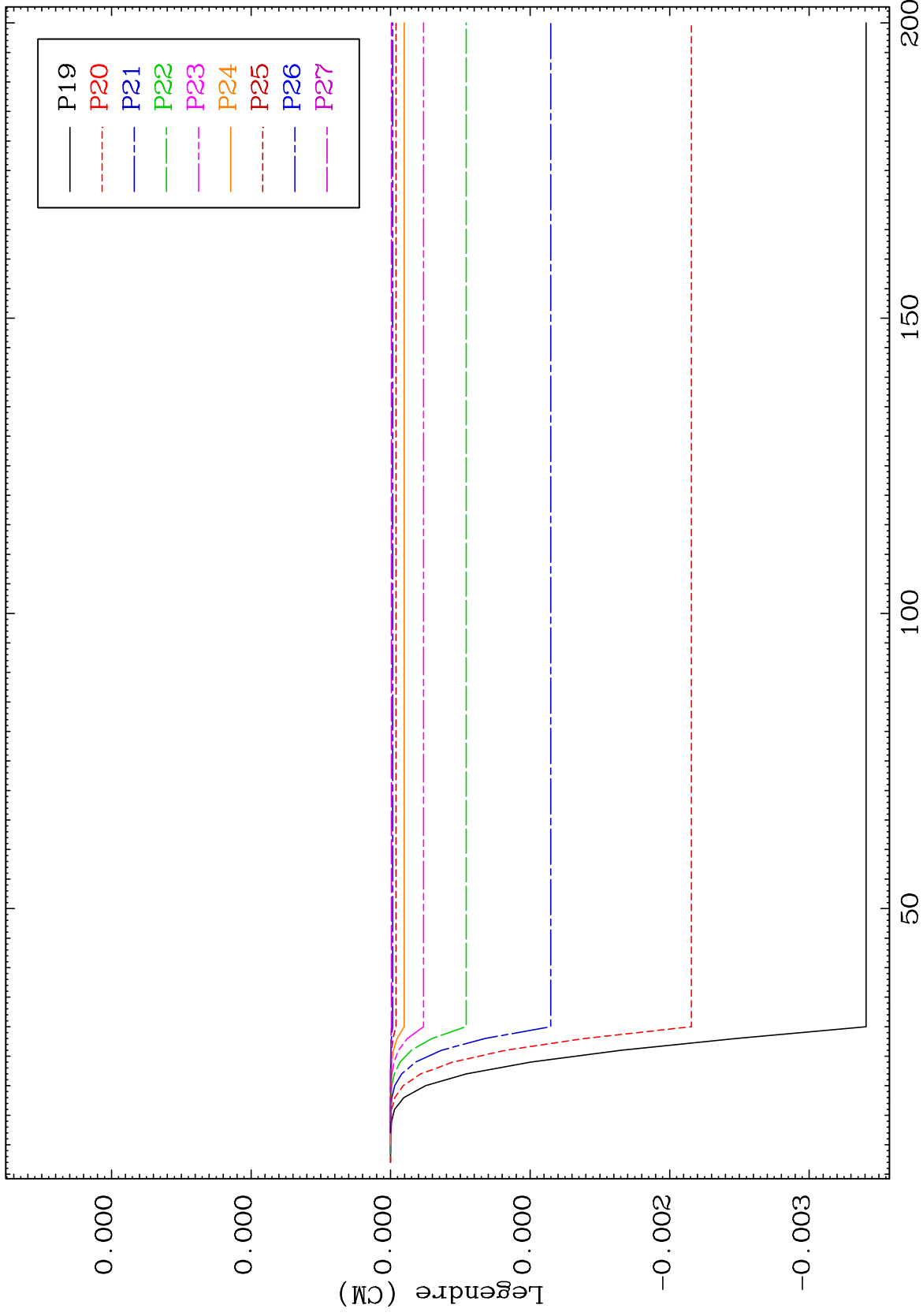
53-I -117

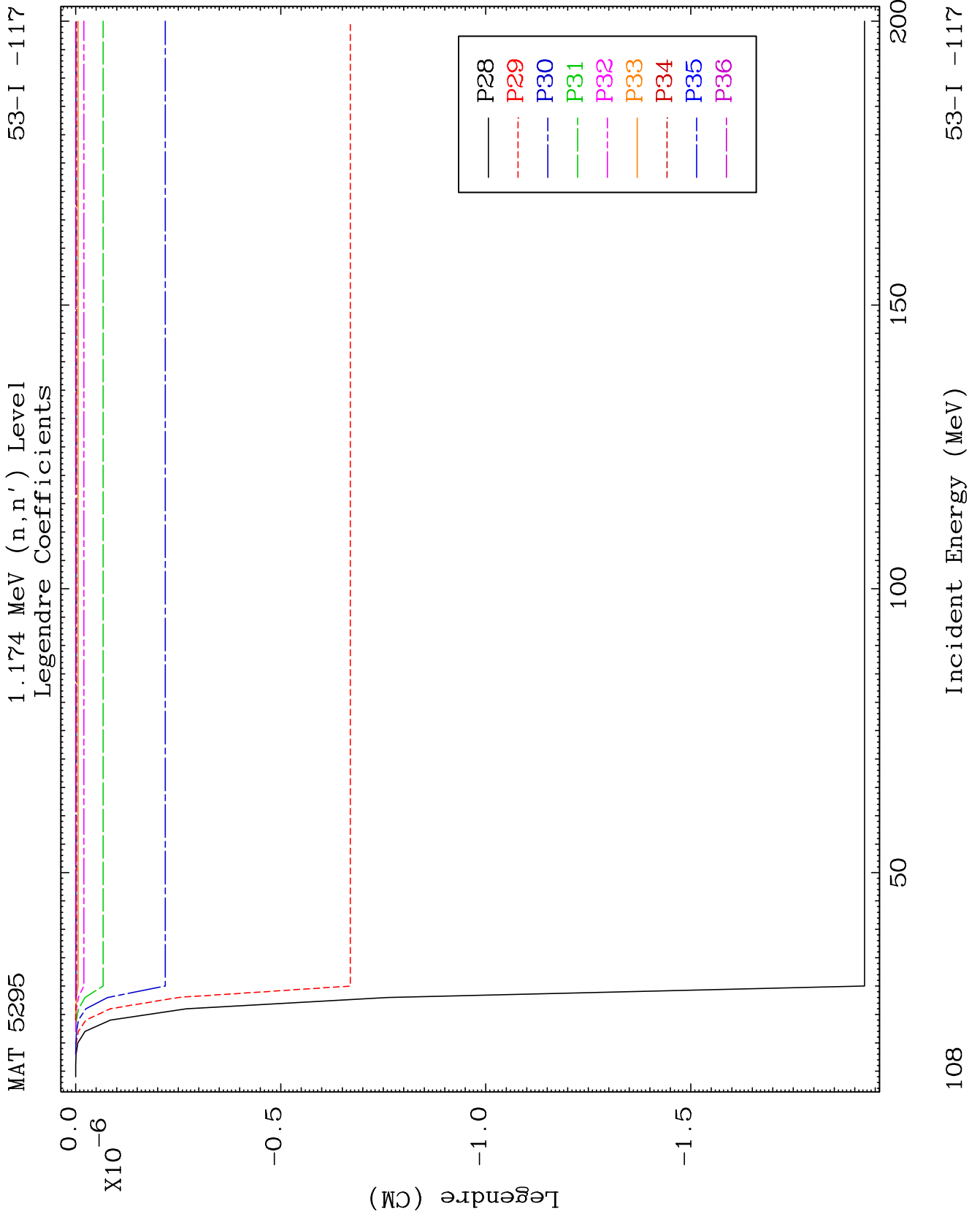


53-I -117

Incident Energy (MeV)

106



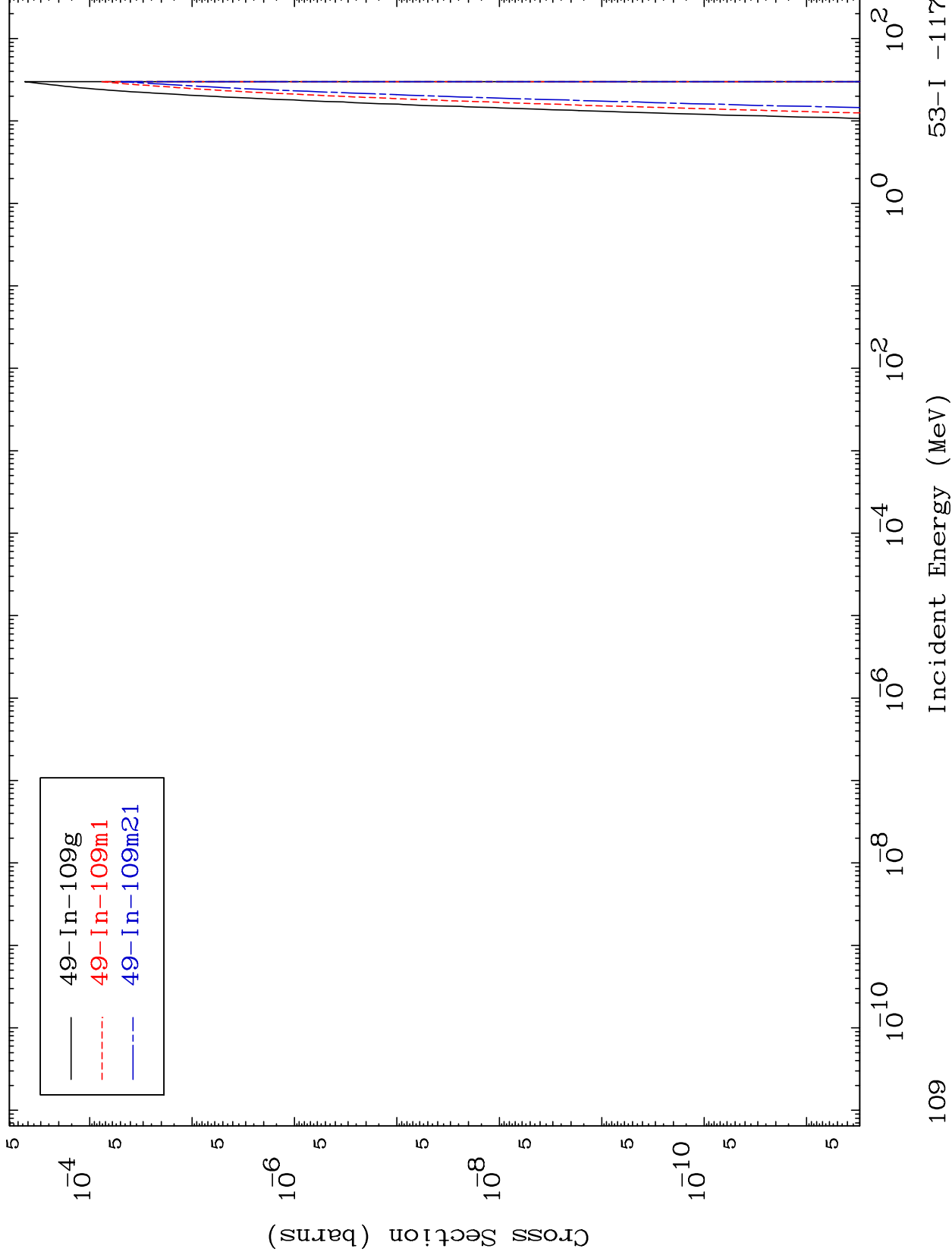


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(n,n') 2α

53-I -117

Radionuclide Production Cross Section

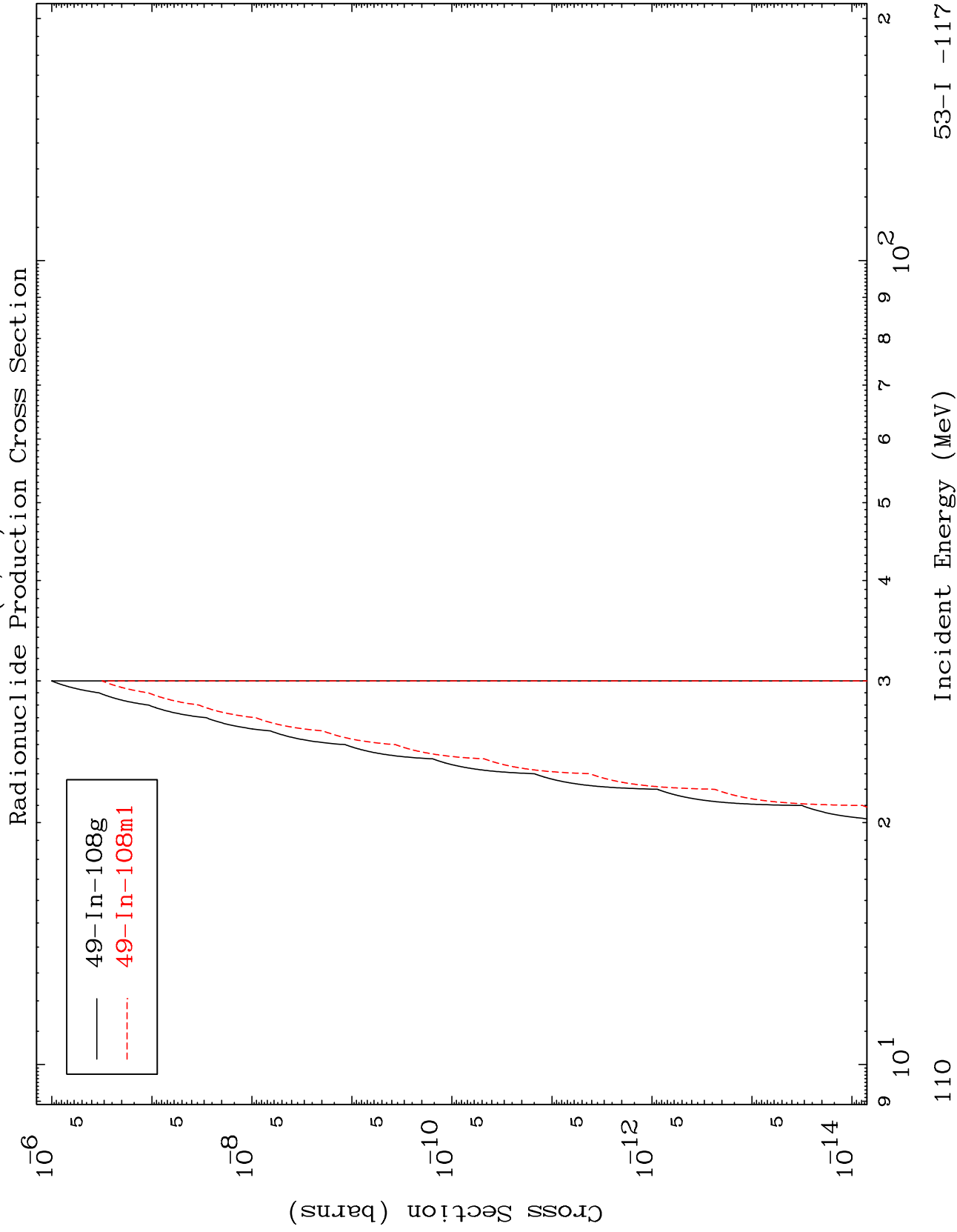


109

MAT 5295

(n,2n) 2α

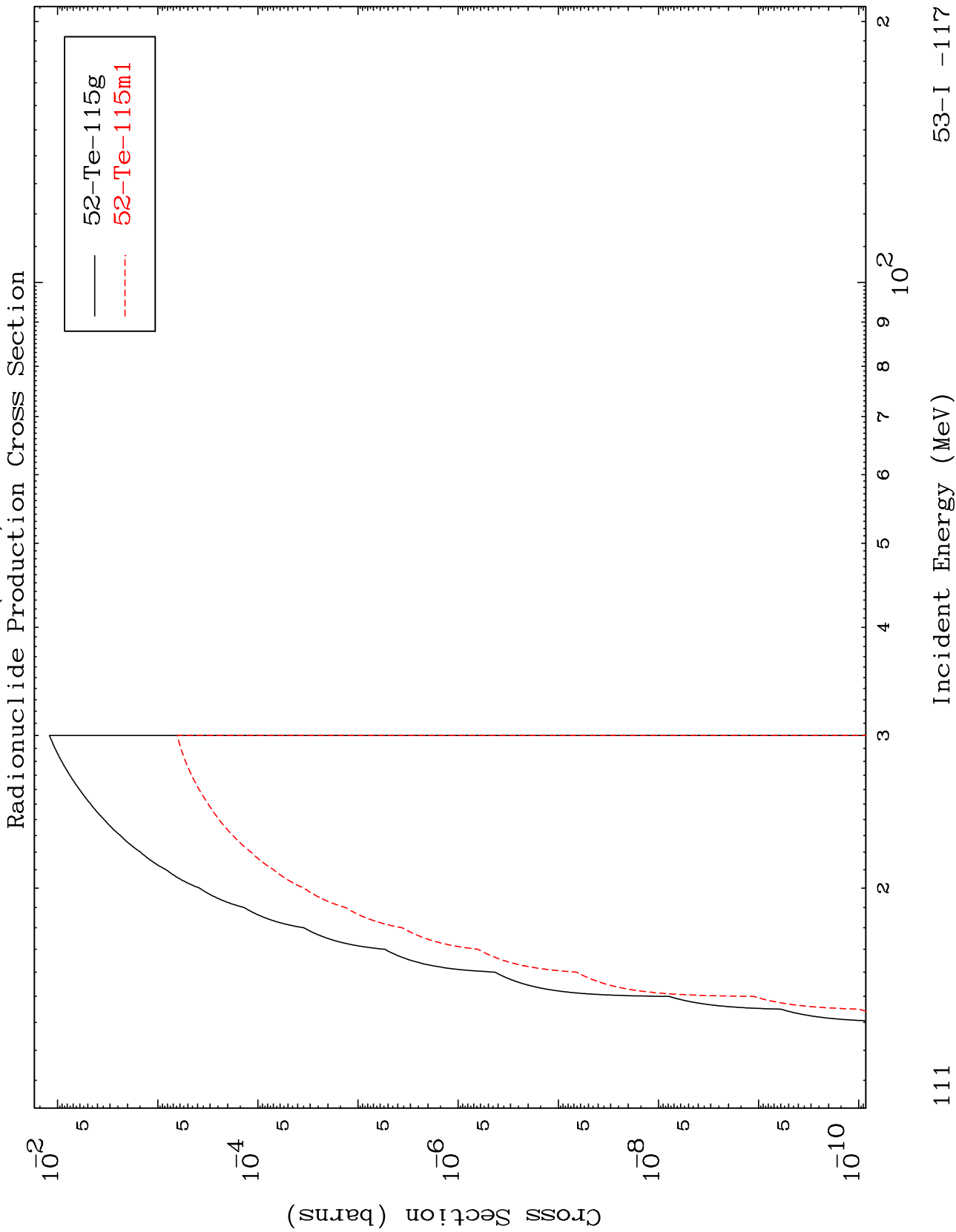
53-I -117

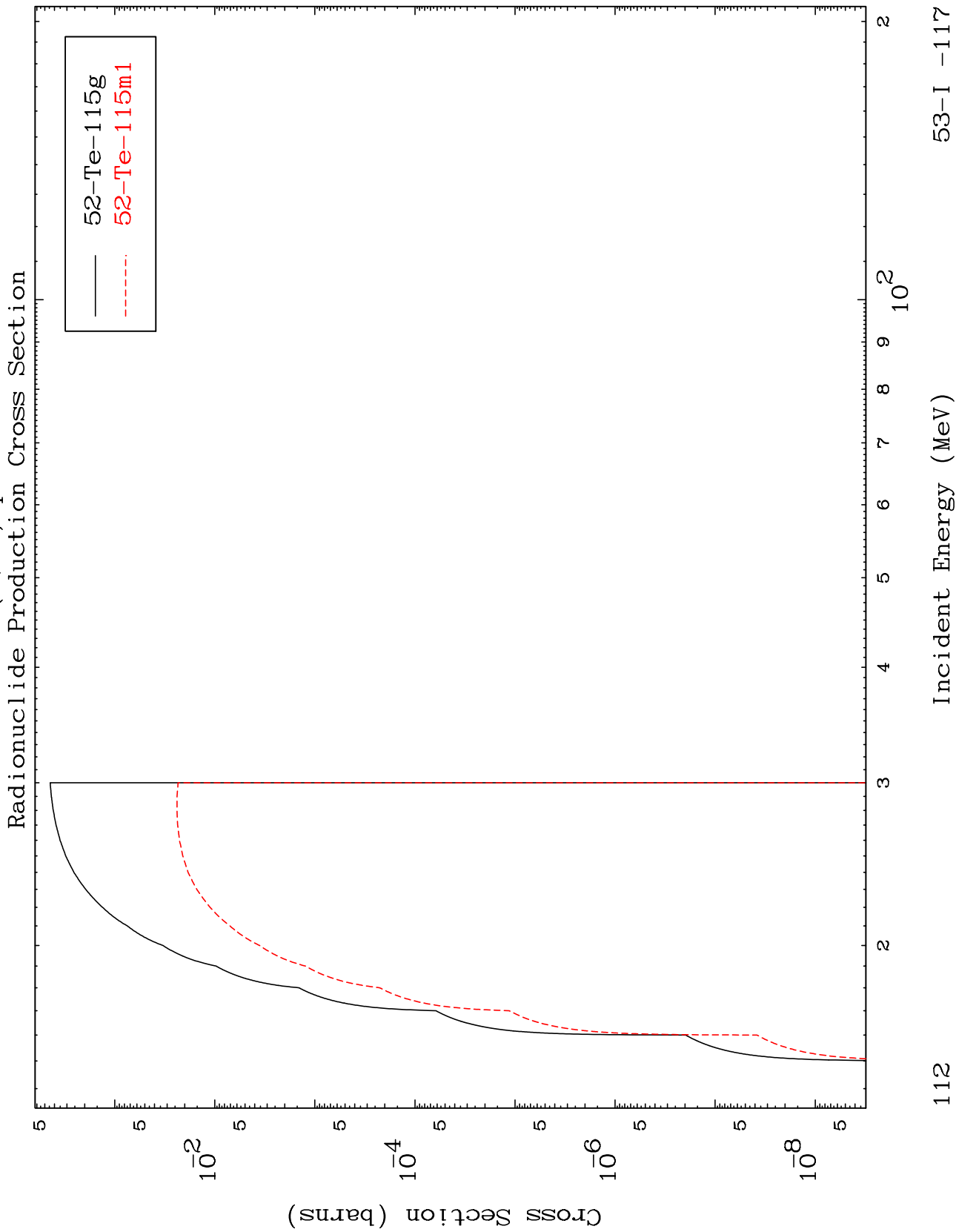


110

Incident Energy (MeV)

53-I -117

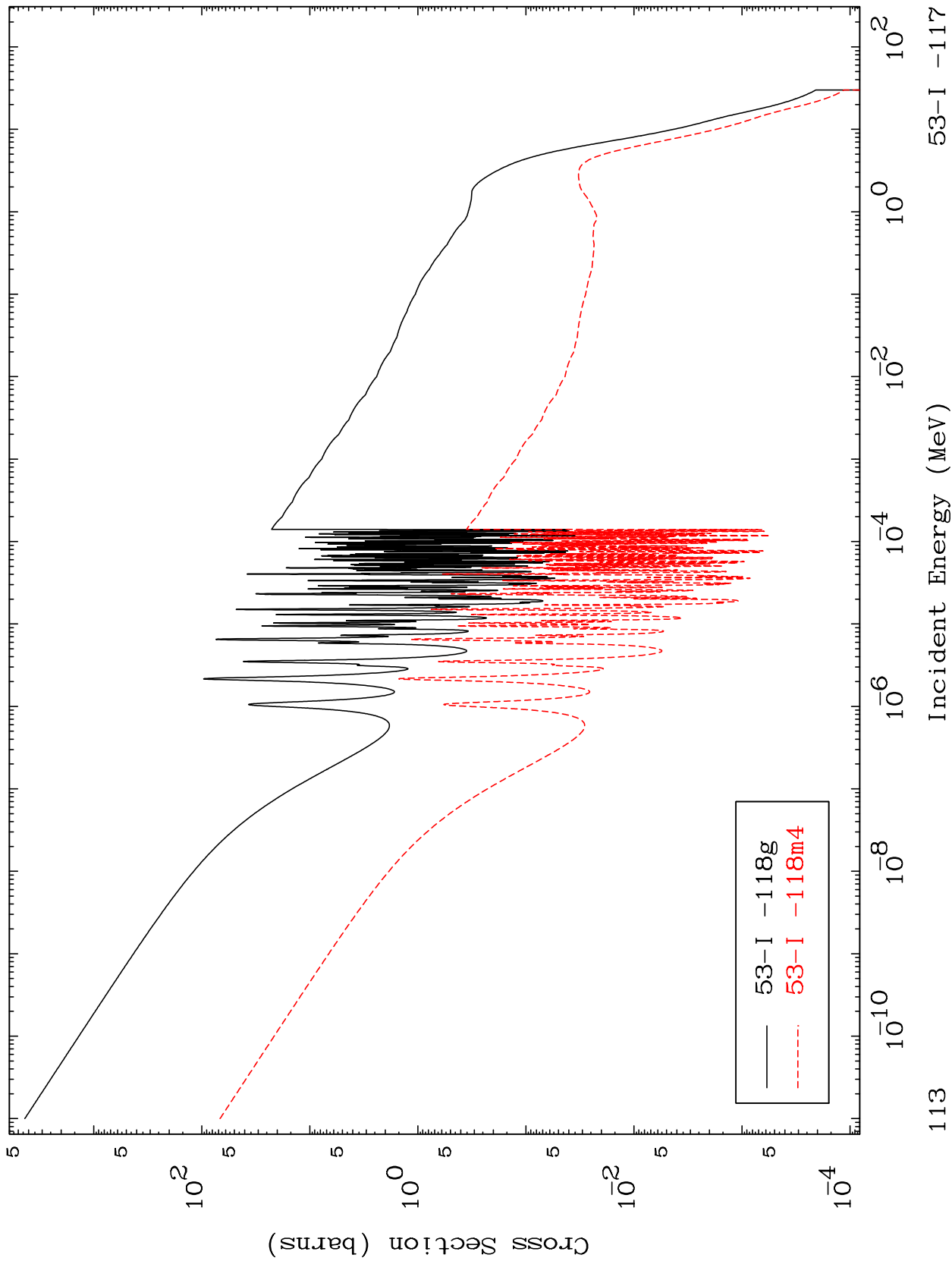




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53-I -117

(n, γ)
Radionuclide Production Cross Section



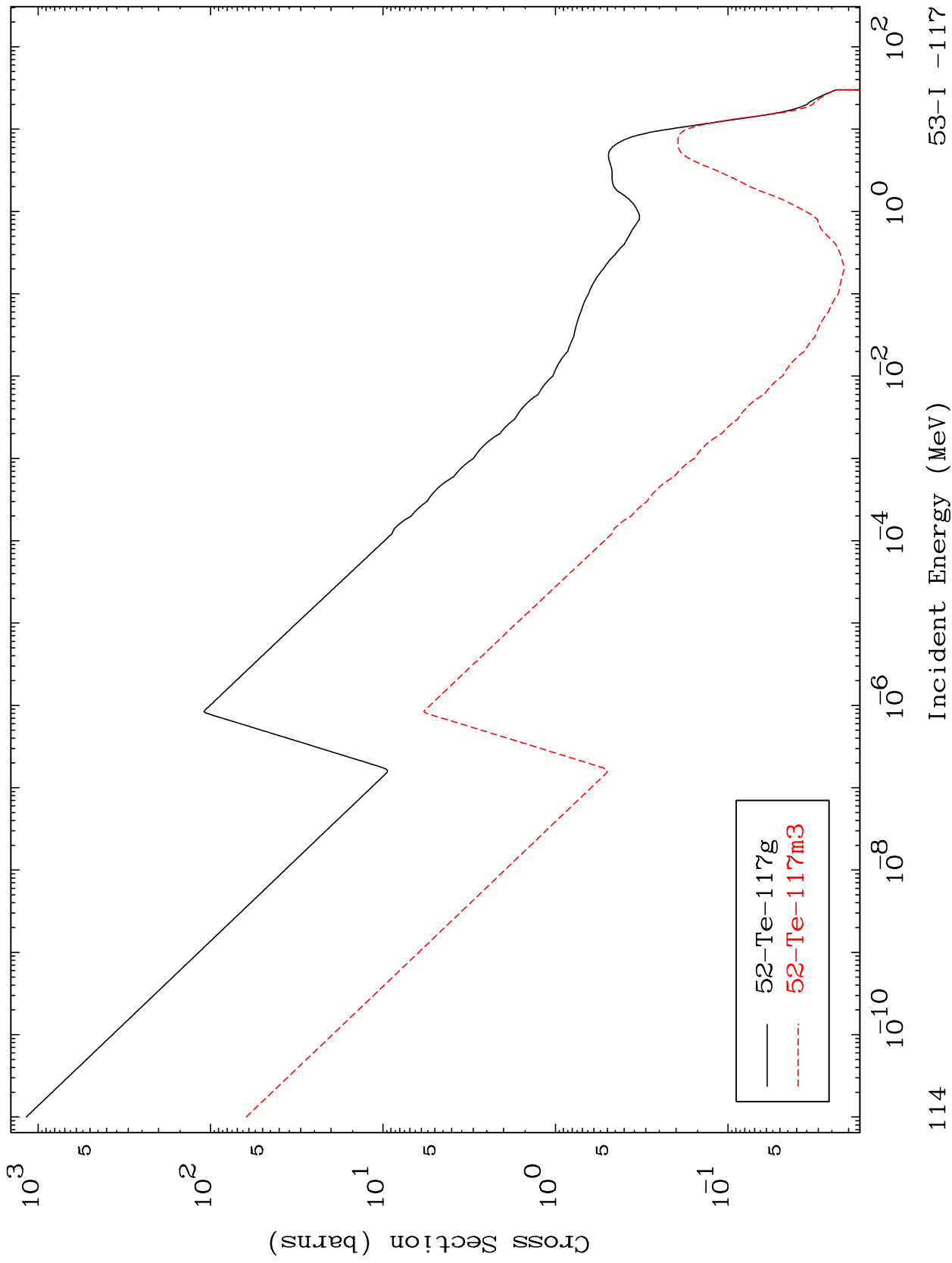
113

53-I -117

MAT 5295

53-I -117

Radionuclide Production Cross Section



53-I -117

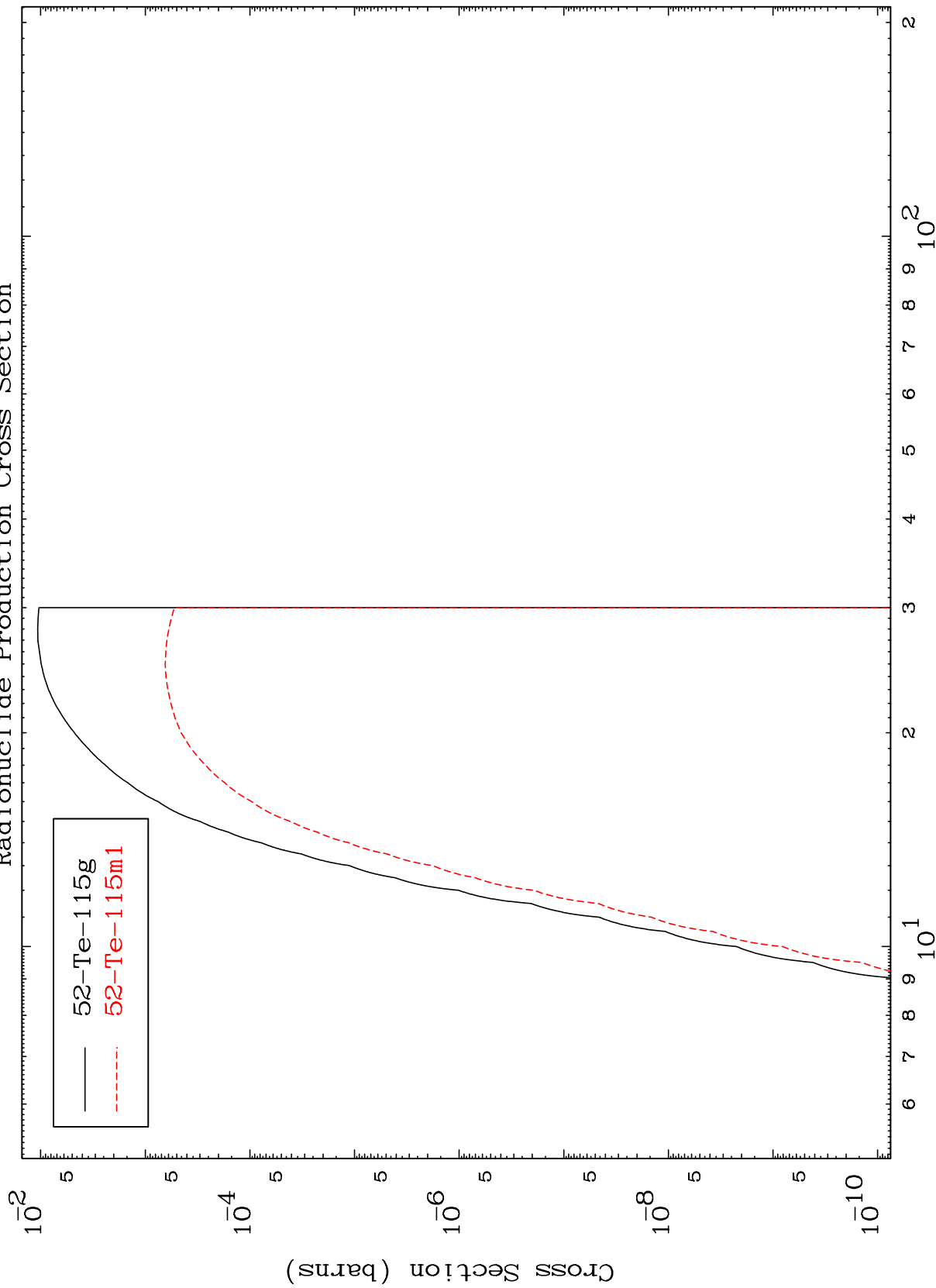
Incident Energy (MeV)

114

MAT 5295

53-I -117

Radionuclide Production Cross Section (n,t)



115

Incident Energy (MeV)

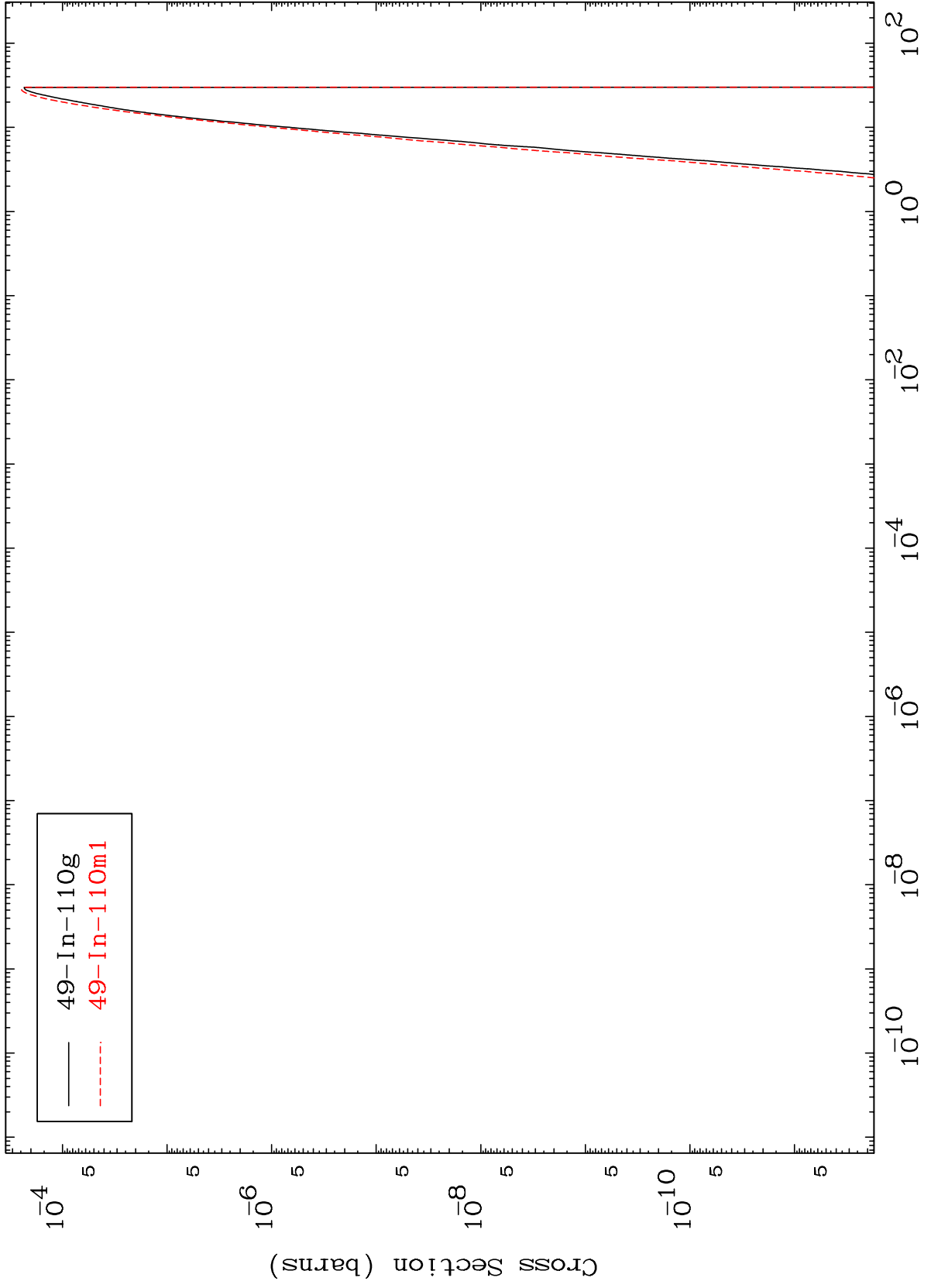
53-I -117

MAT 5295

(n,2α)

53-I -117

Radionuclide Production Cross Section



— 49-In-110g
- - - 49-In-110m1

116

Incident Energy (MeV)

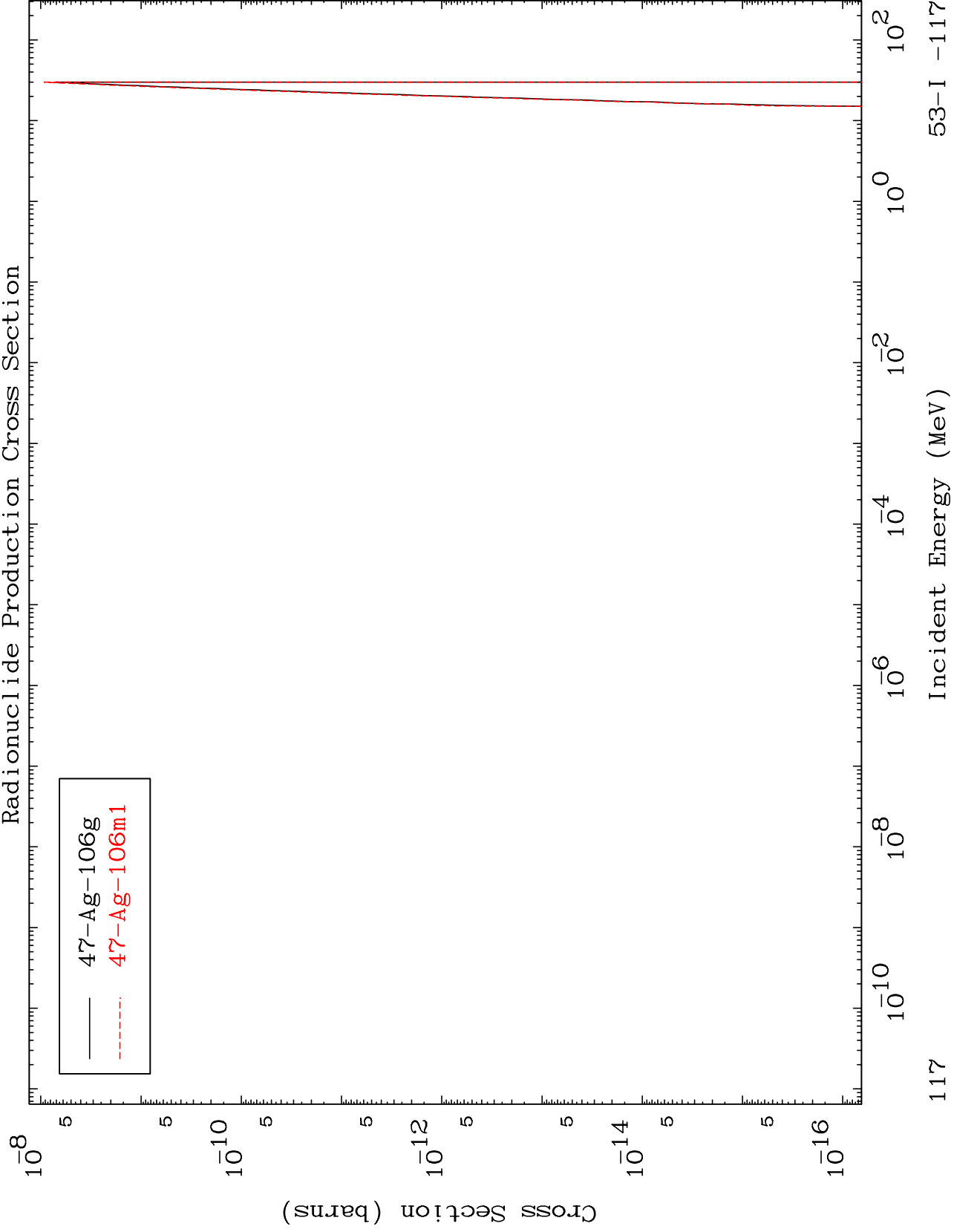
53-I -117

MAT 5295

(n,3 α)

53-I -117

Radionuclide Production Cross Section



117

Incident Energy (MeV)

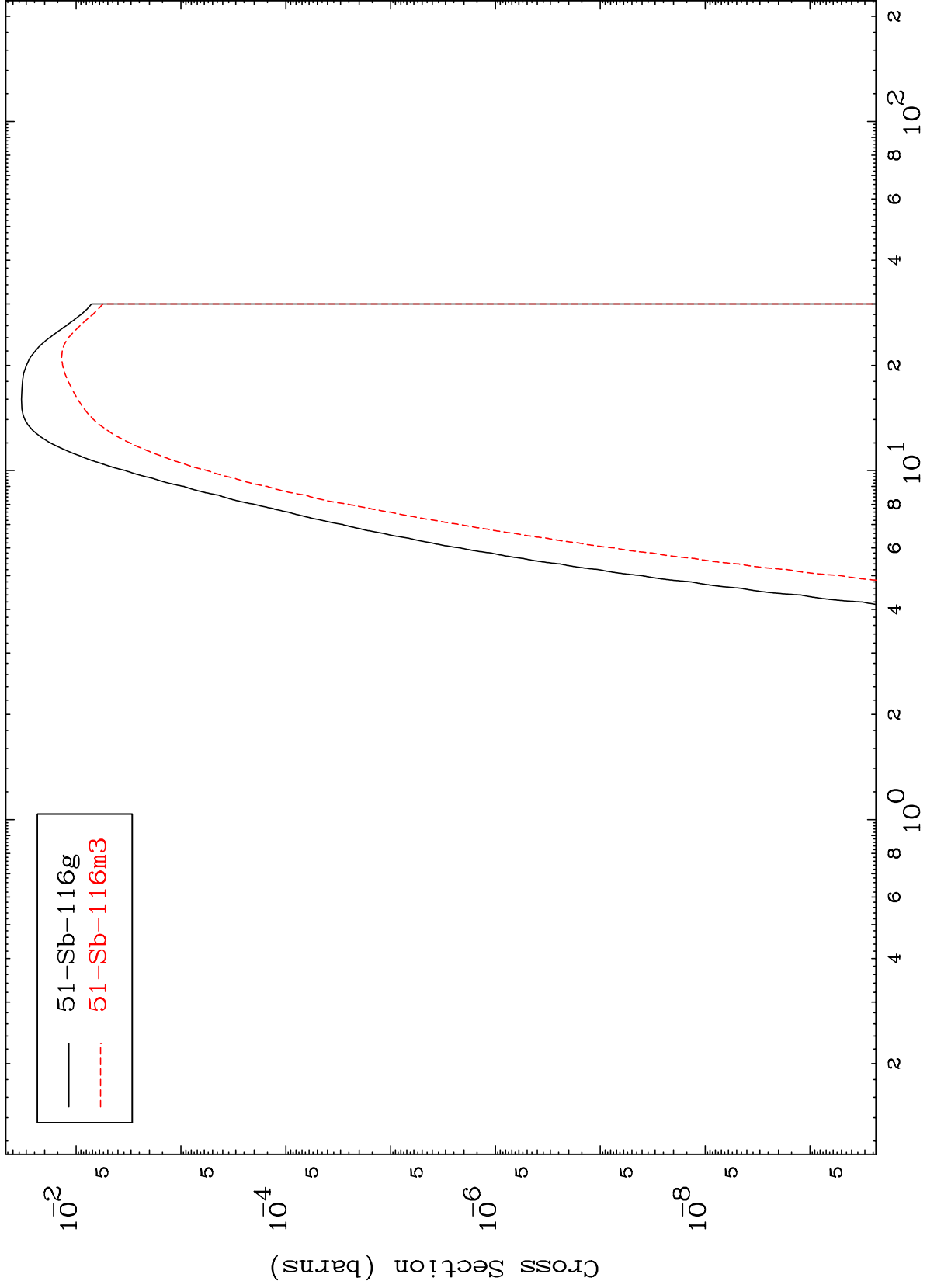
53-I -117

MAT 5295

(n,2p)

53-I -117

Radionuclide Production Cross Section



118

Incident Energy (MeV)

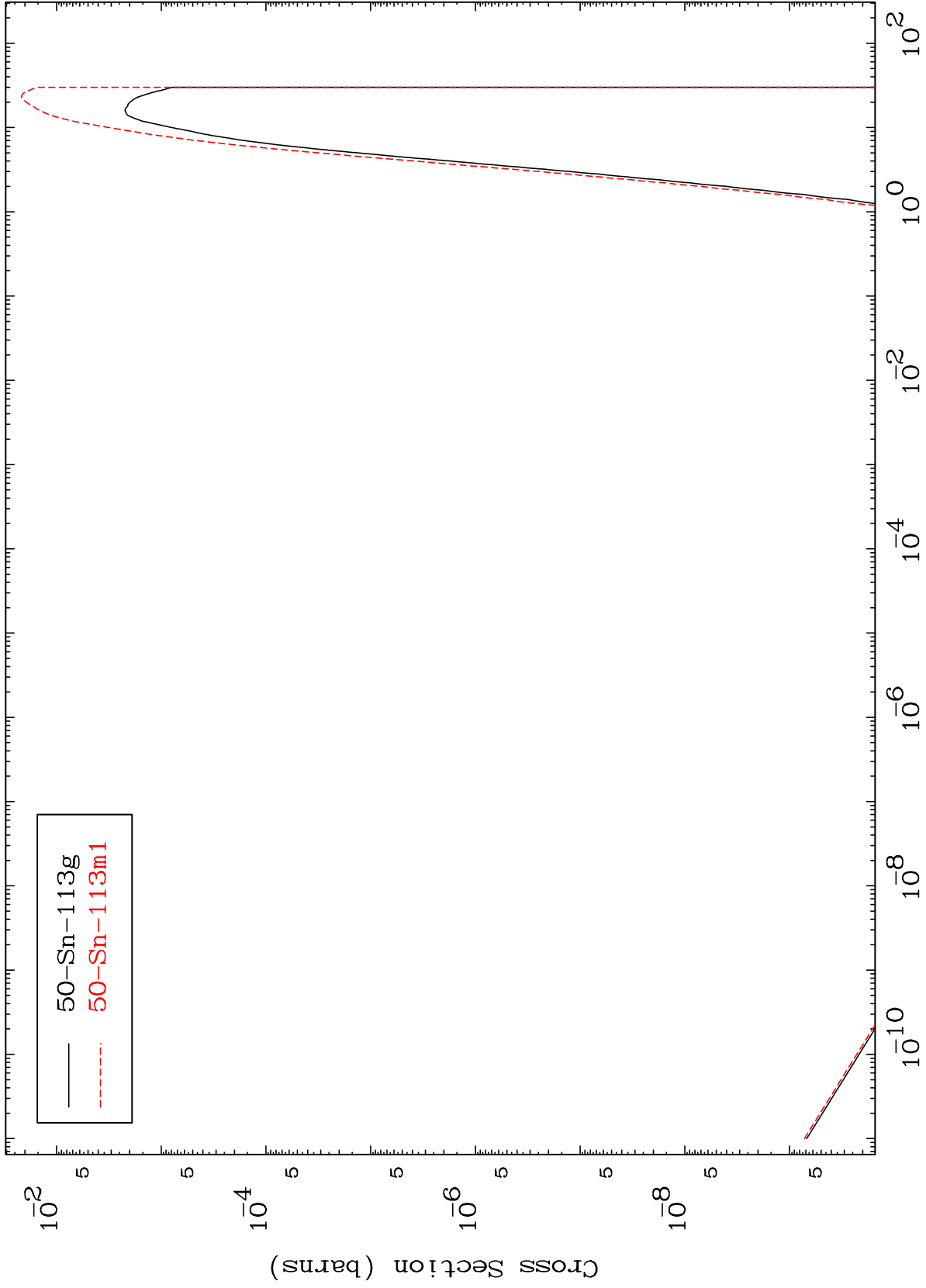
53-I -117

MAT 5295

(n,p) α

53-I -117

Radionuclide Production Cross Section



119

Incident Energy (MeV)

53-I -117