

Program EVALPLOT
(Version 2015-2)

by

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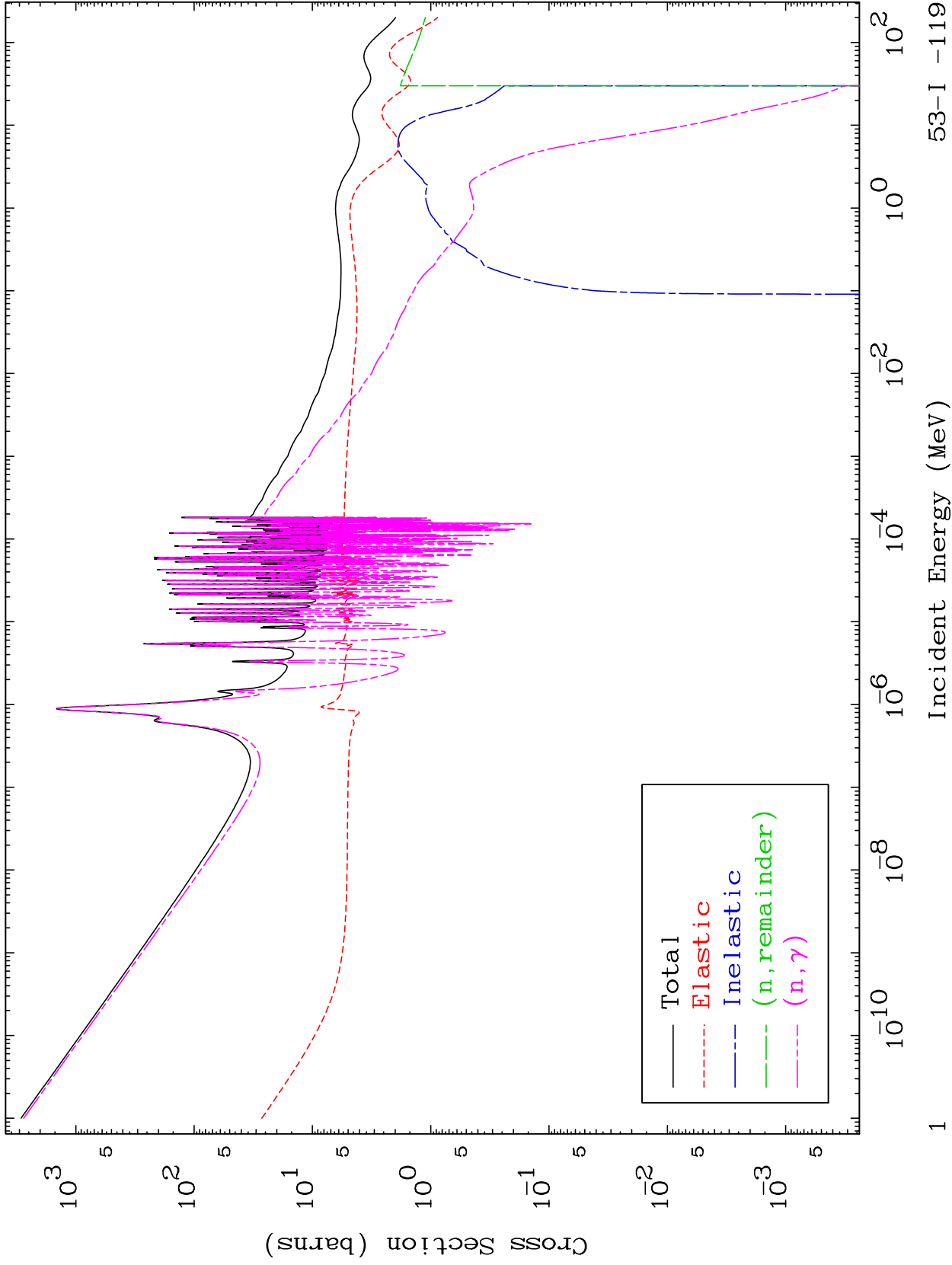
Press Mouse Button to Start

MAT 5301

Major

293 Kelvin Cross Sections

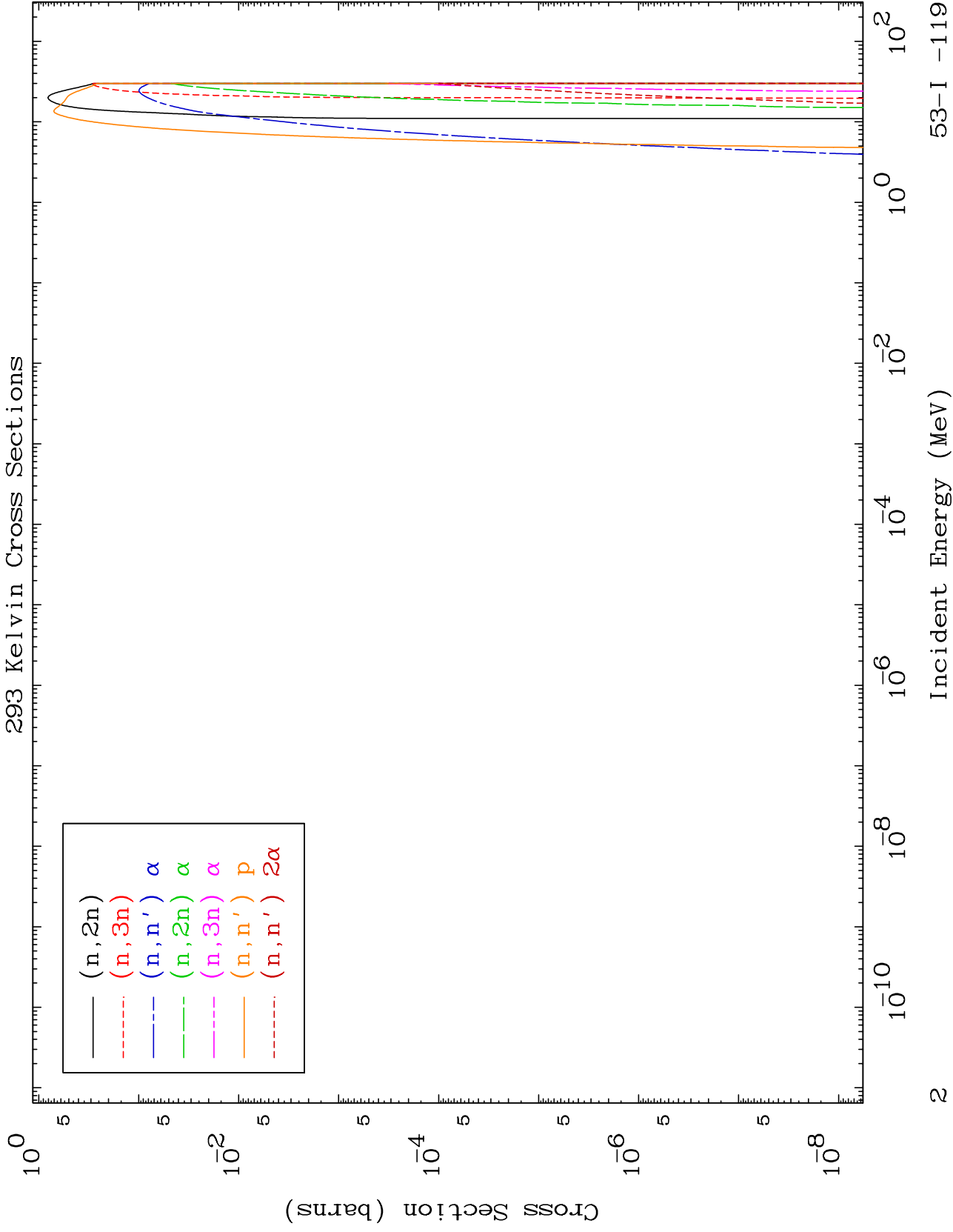
53-I -119

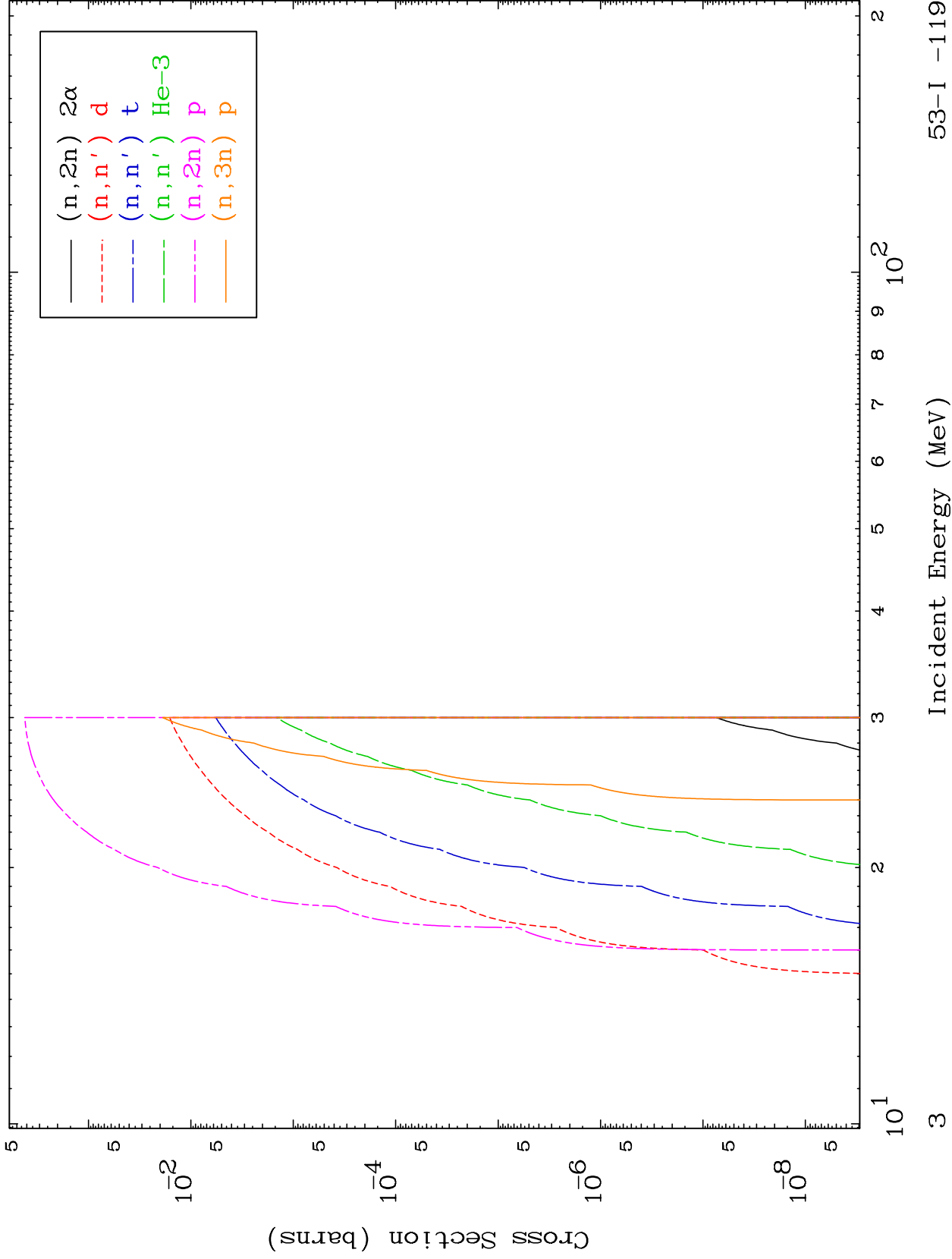


MAT 5301

Neutron Production
293 Kelvin Cross Sections

53-I -119

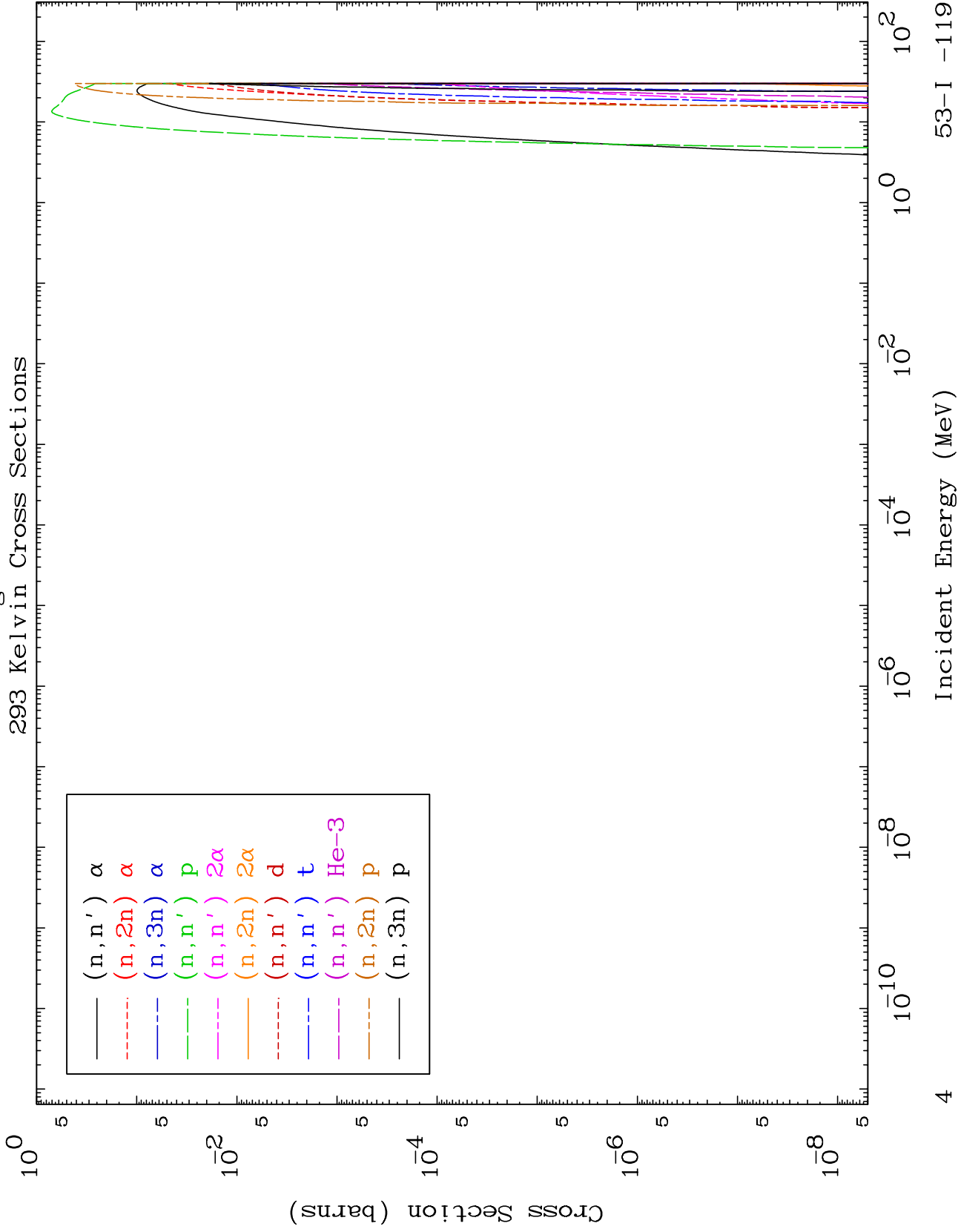


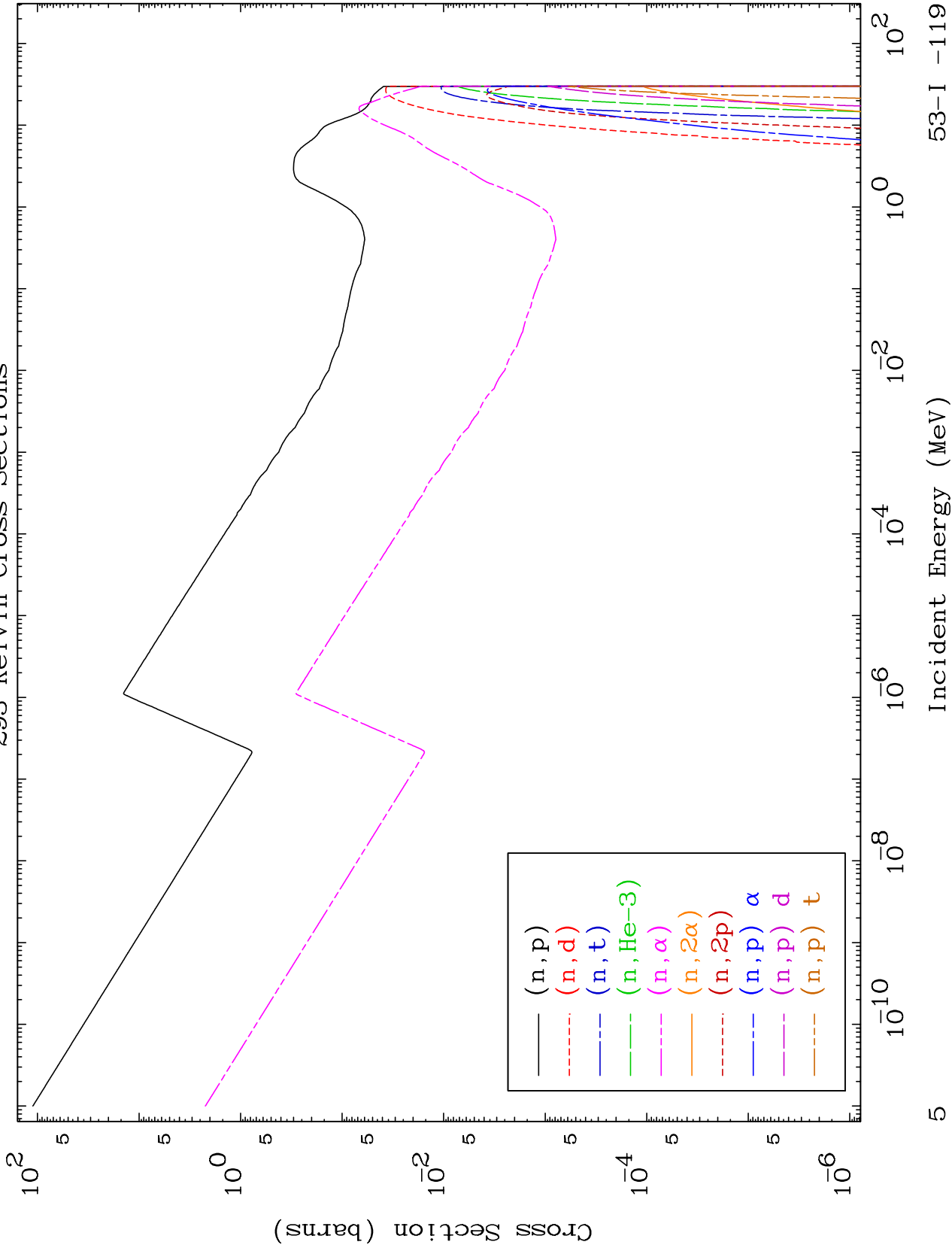


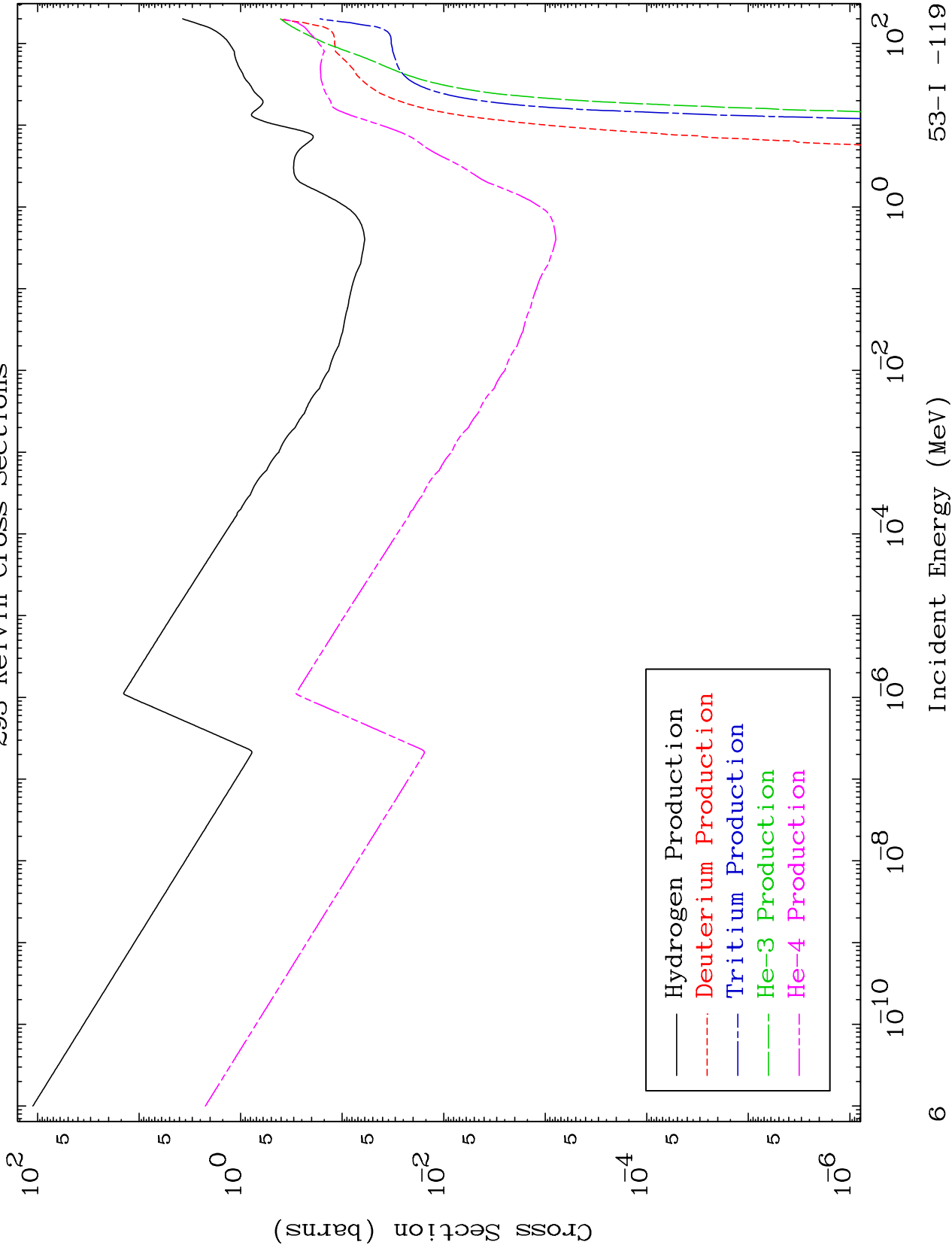
MAT 5301

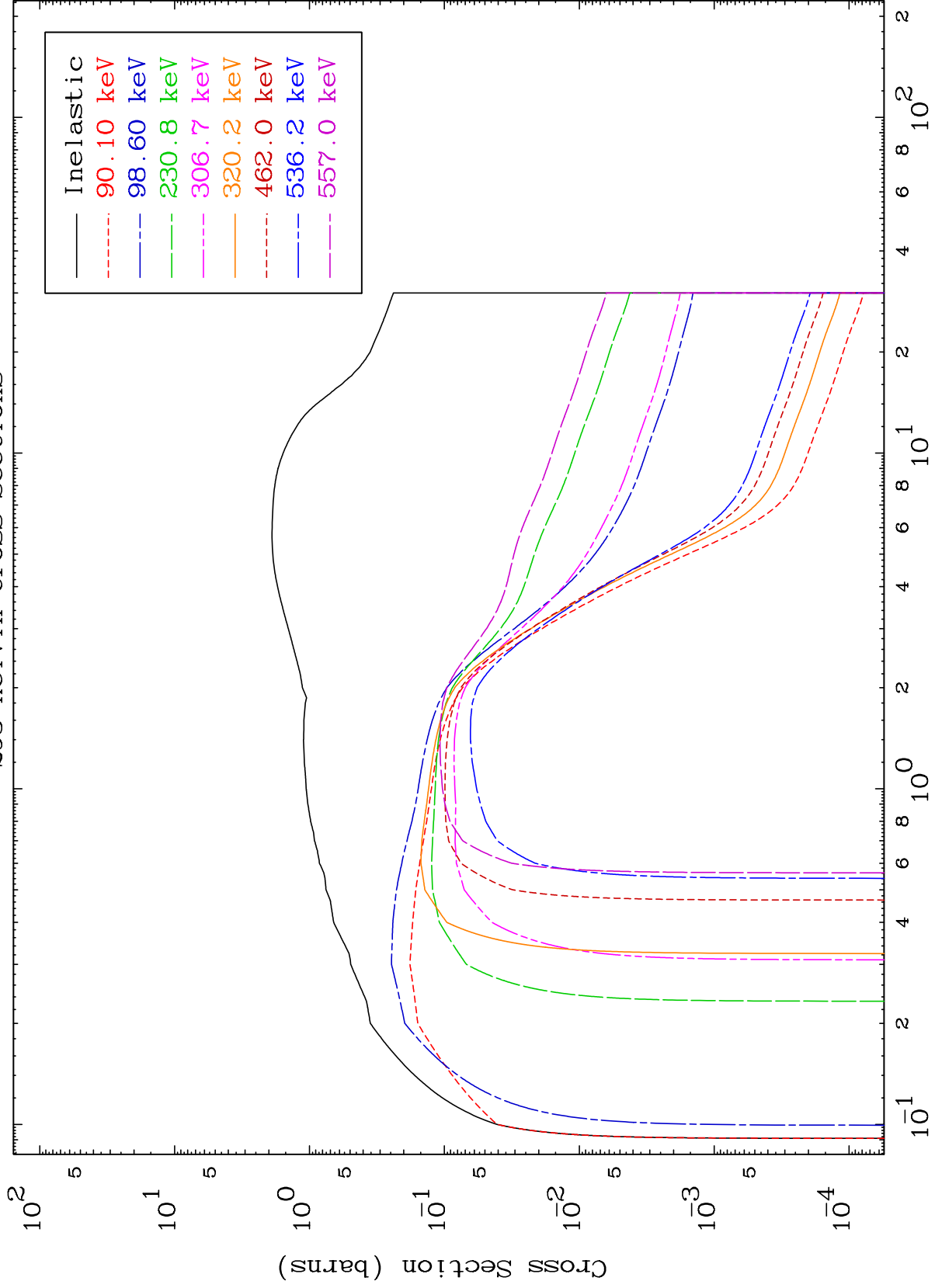
Charged Particle
293 Kelvin Cross Sections

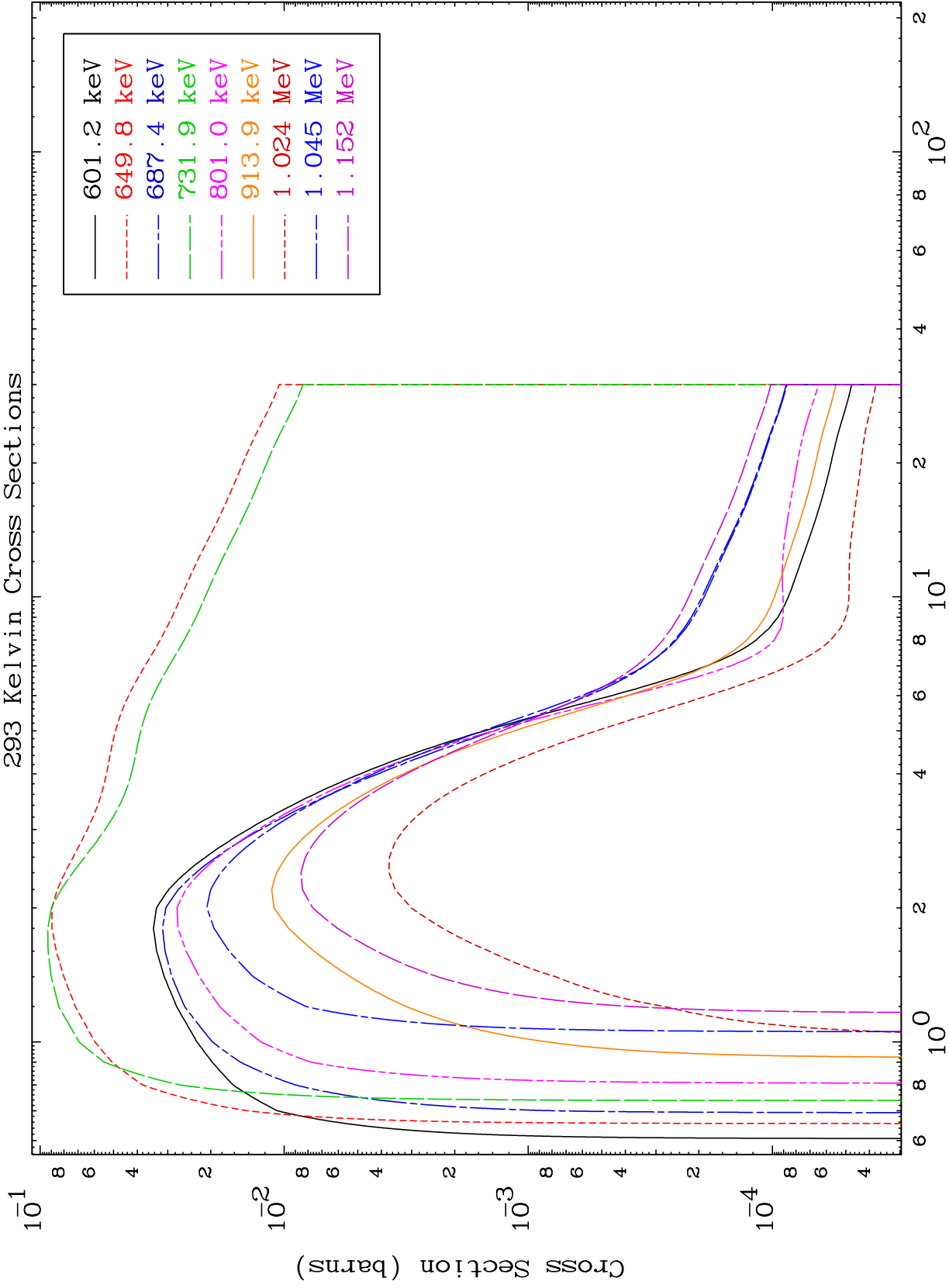
53-I -119



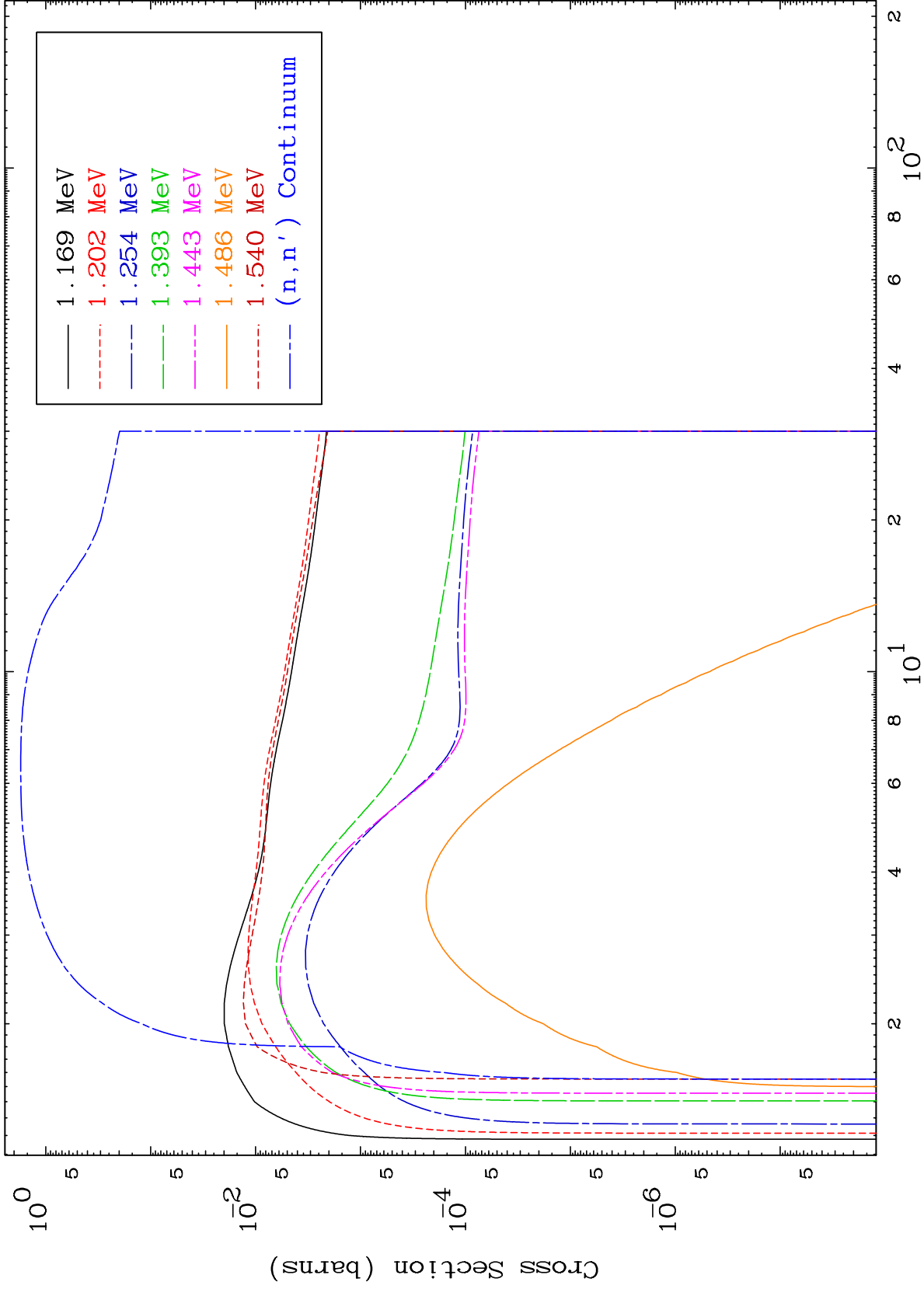








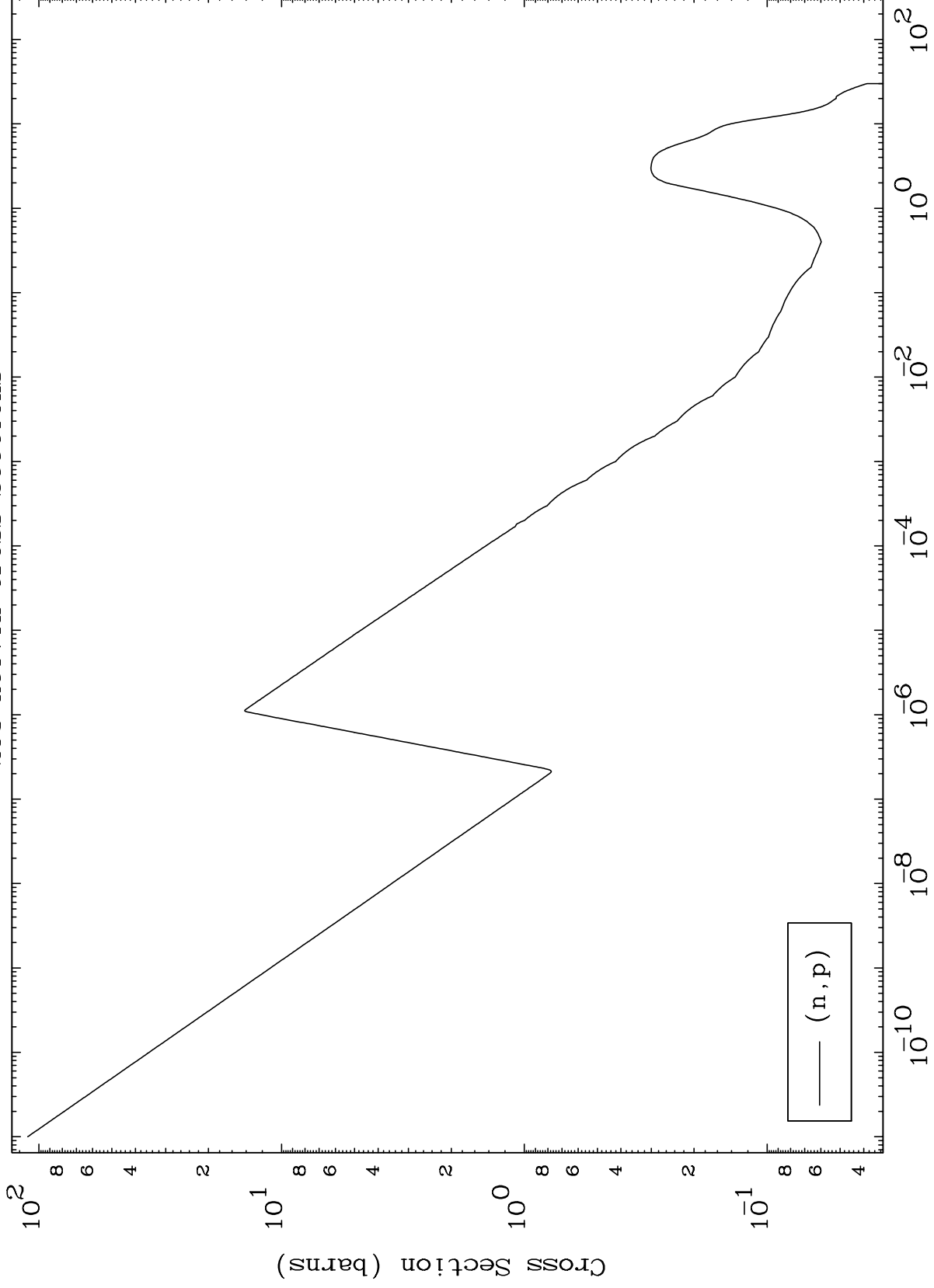
293 Kelvin Cross Sections



MAT 5301

(n,p) Levels
293 Kelvin Cross Sections

53-I -119



10

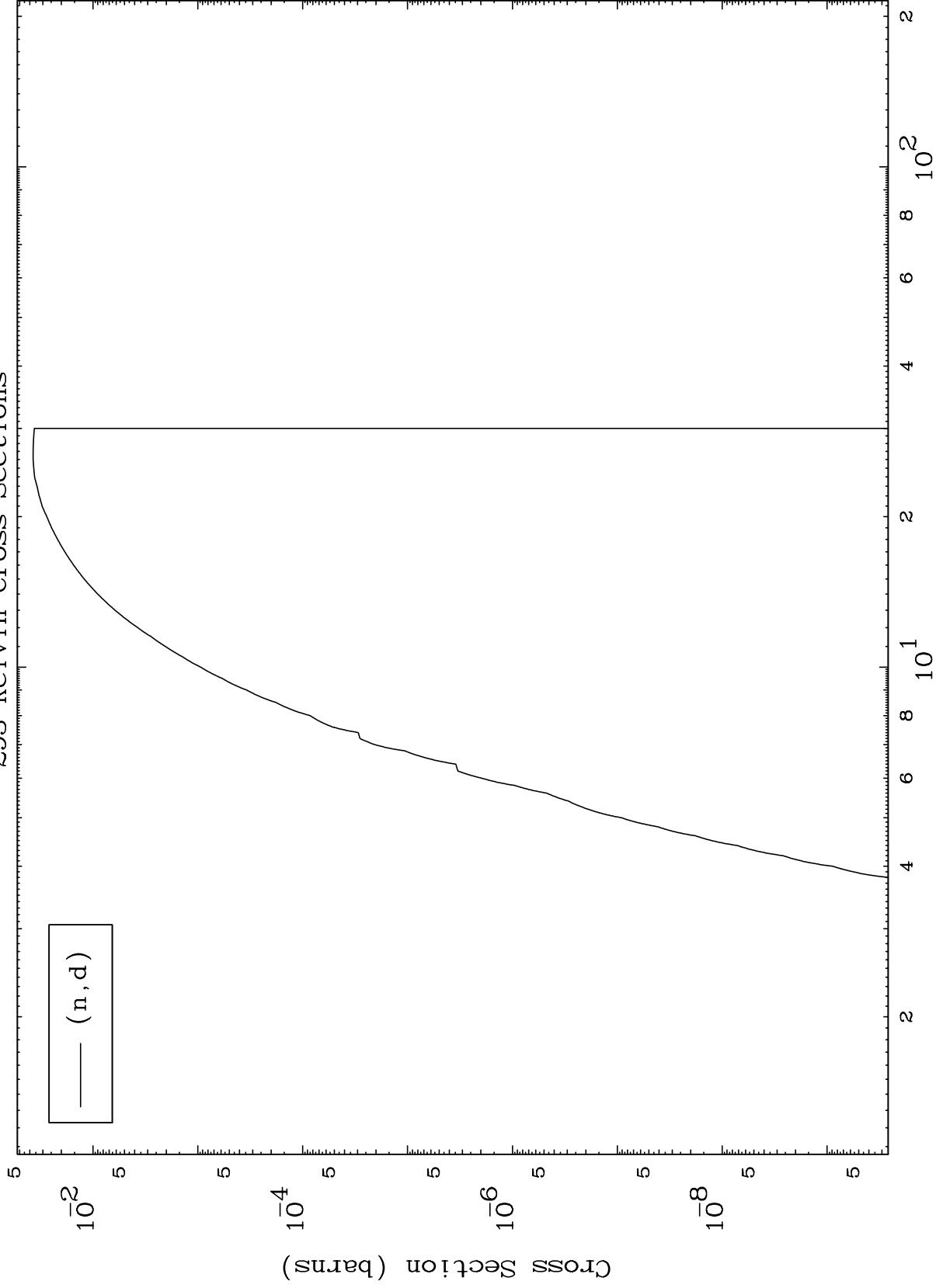
Incident Energy (MeV)

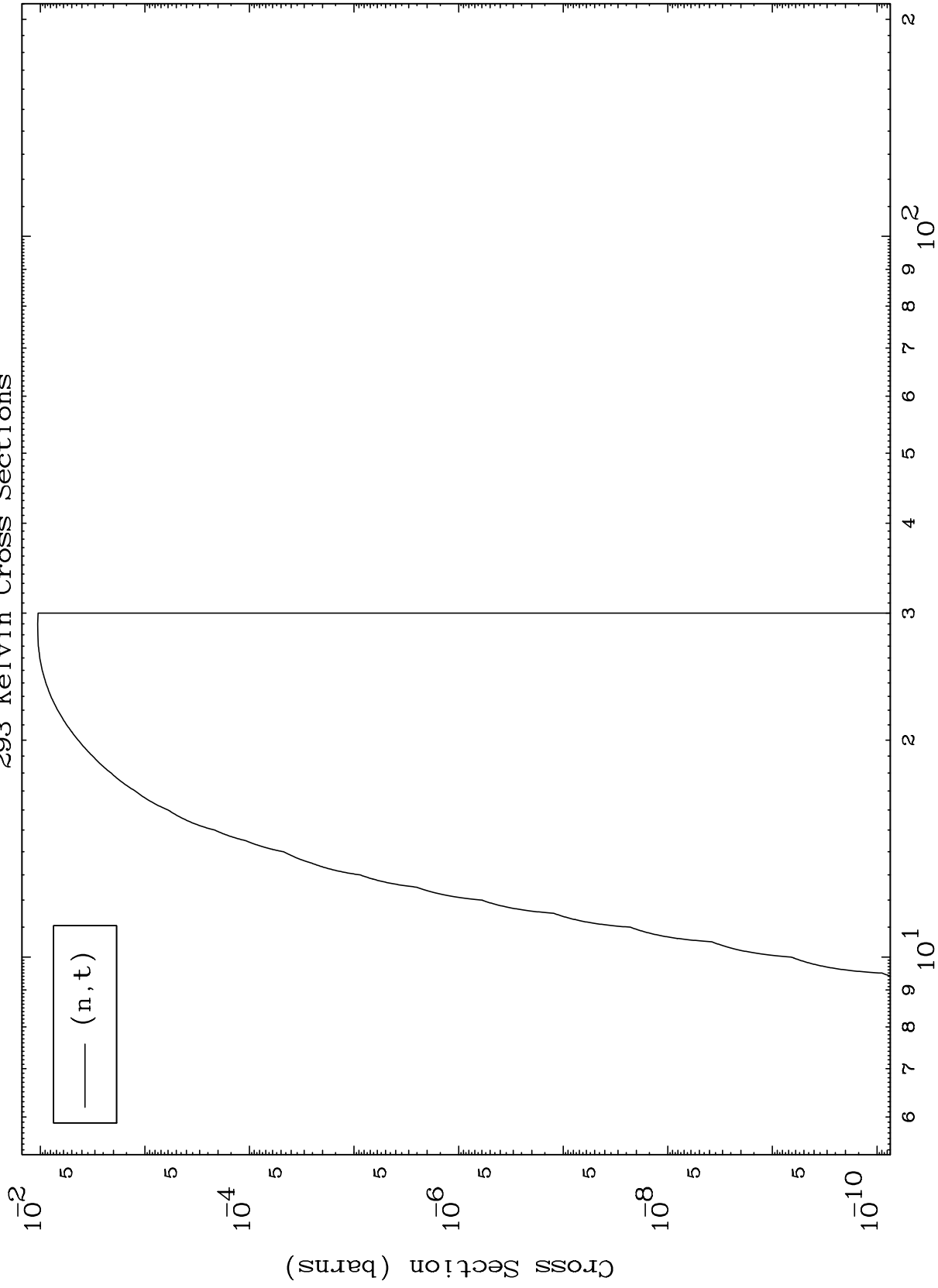
53-I -119

MAT 5301

(n,d) Levels
293 Kelvin Cross Sections

53-I -119

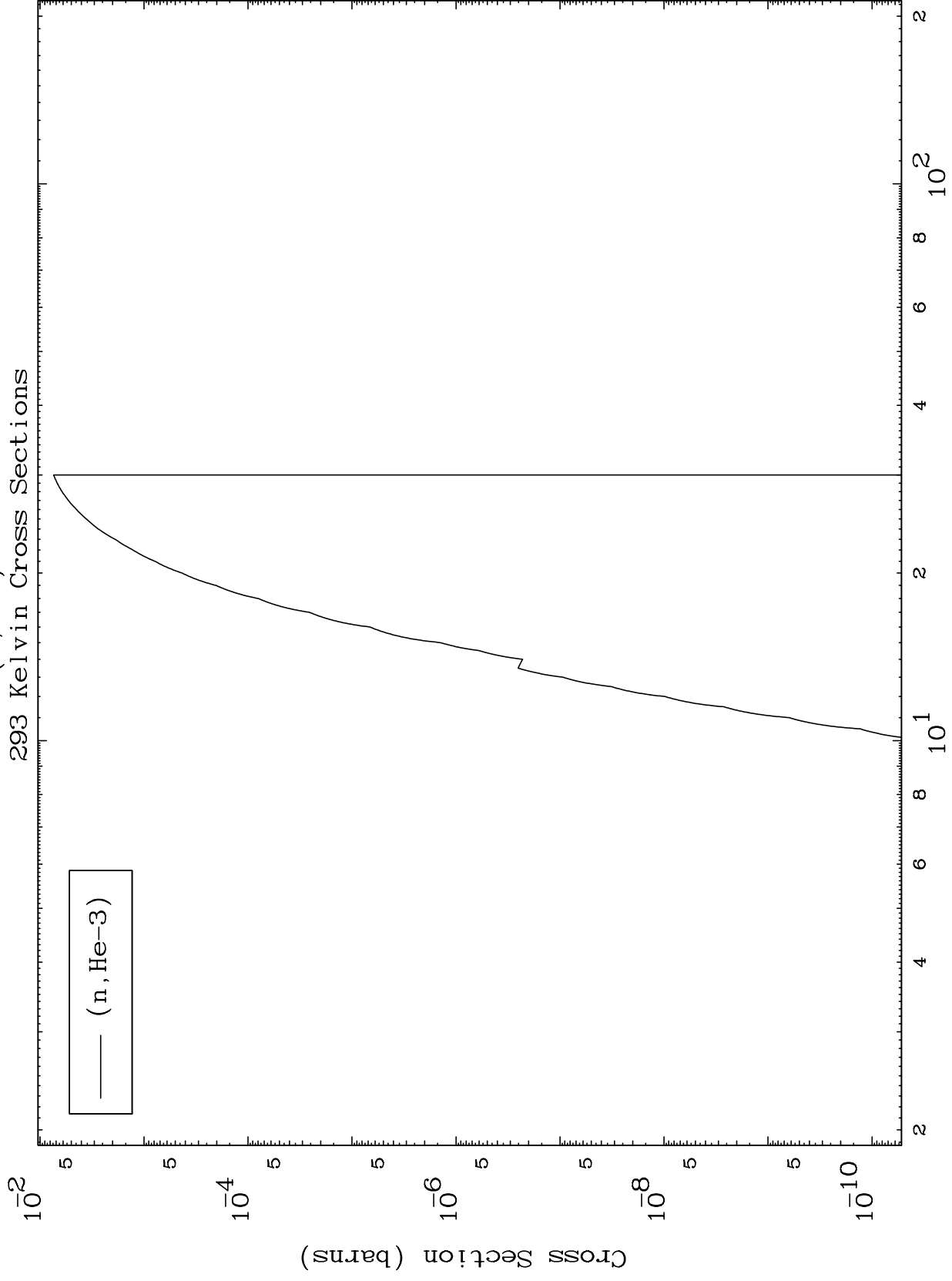




MAT 5301

(n,He3) Levels
293 Kelvin Cross Sections

53-I -119



13

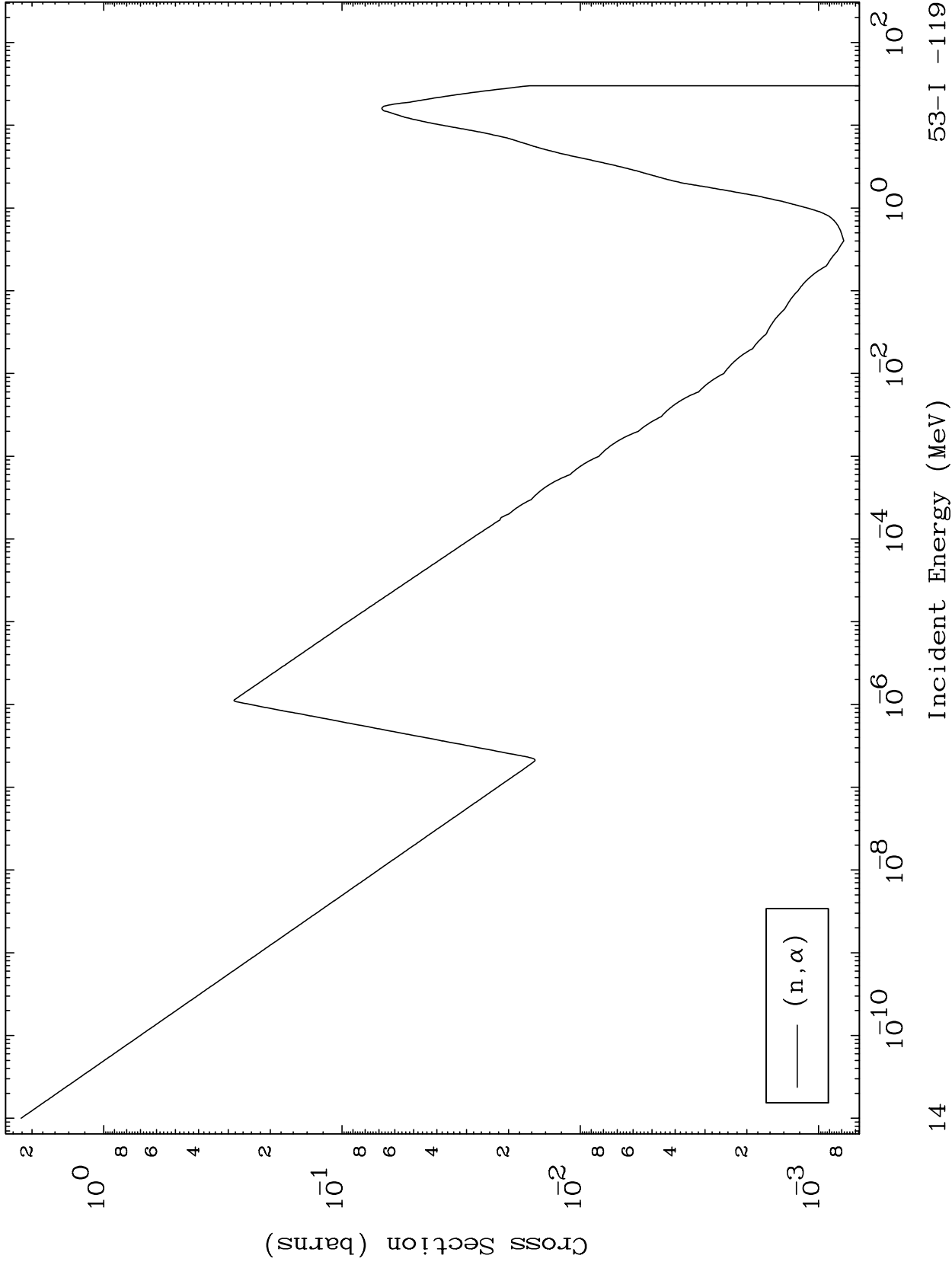
Incident Energy (MeV)

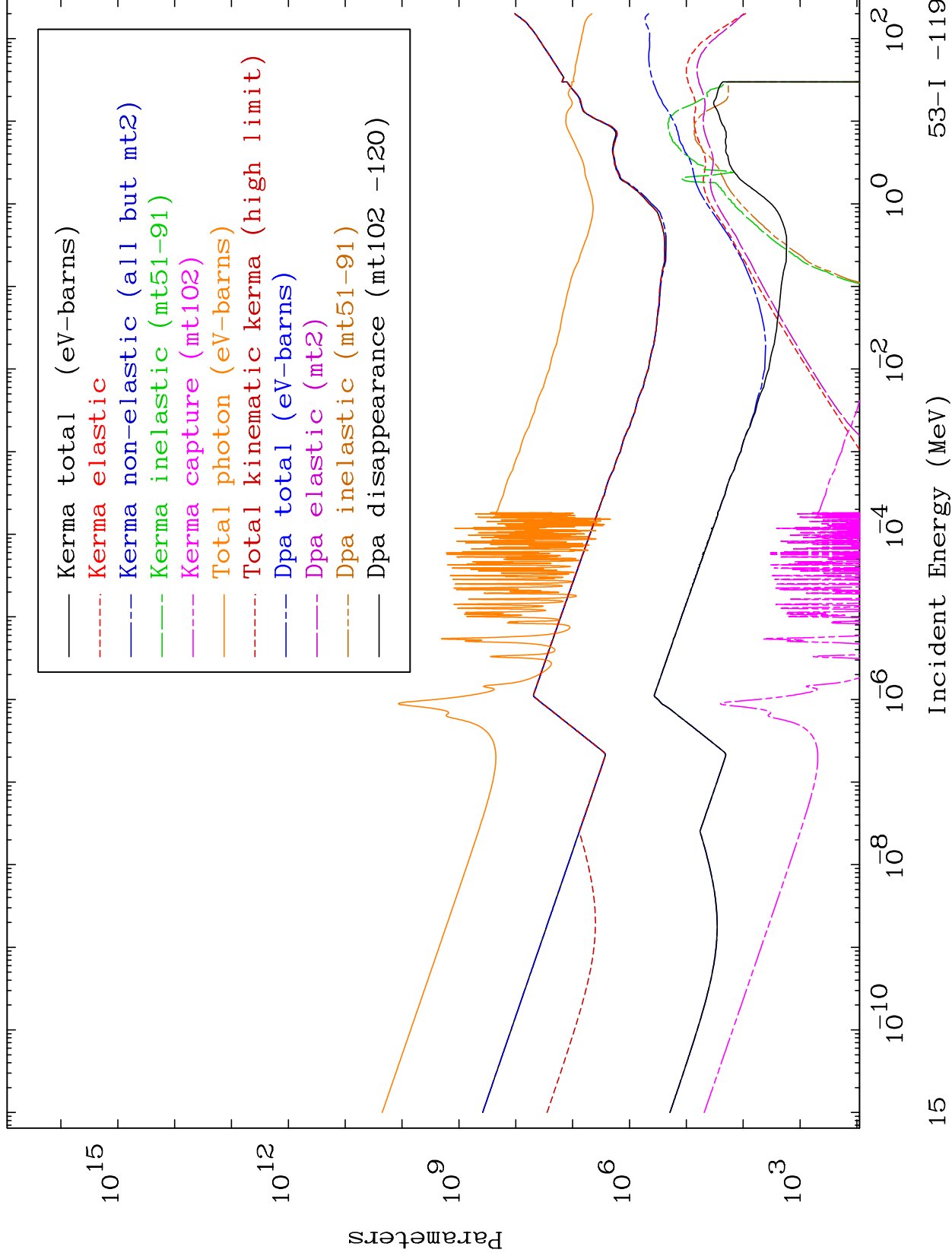
53-I -119

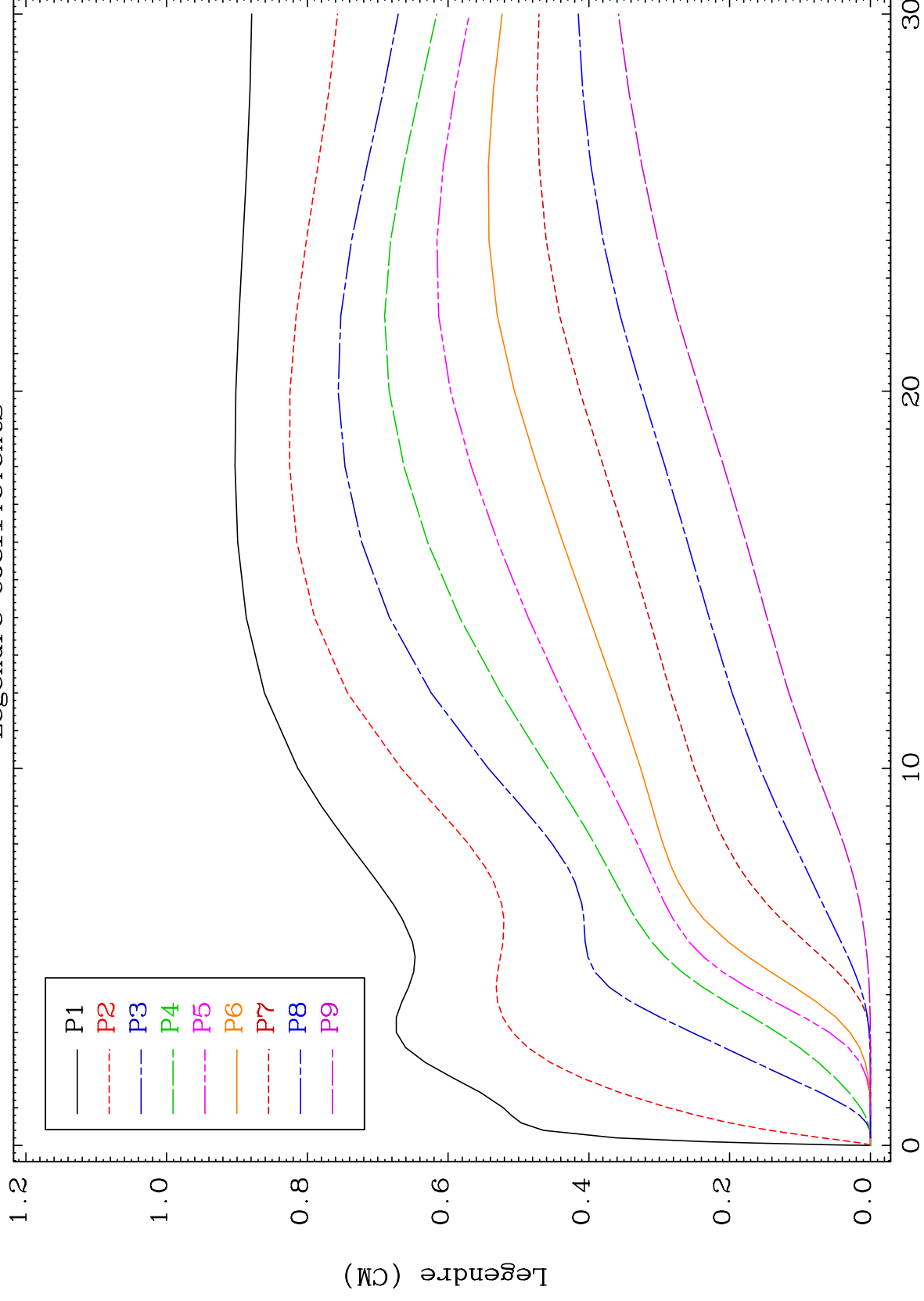
MAT 5301

(n,α) Levels
293 Kelvin Cross Sections

53-I -119



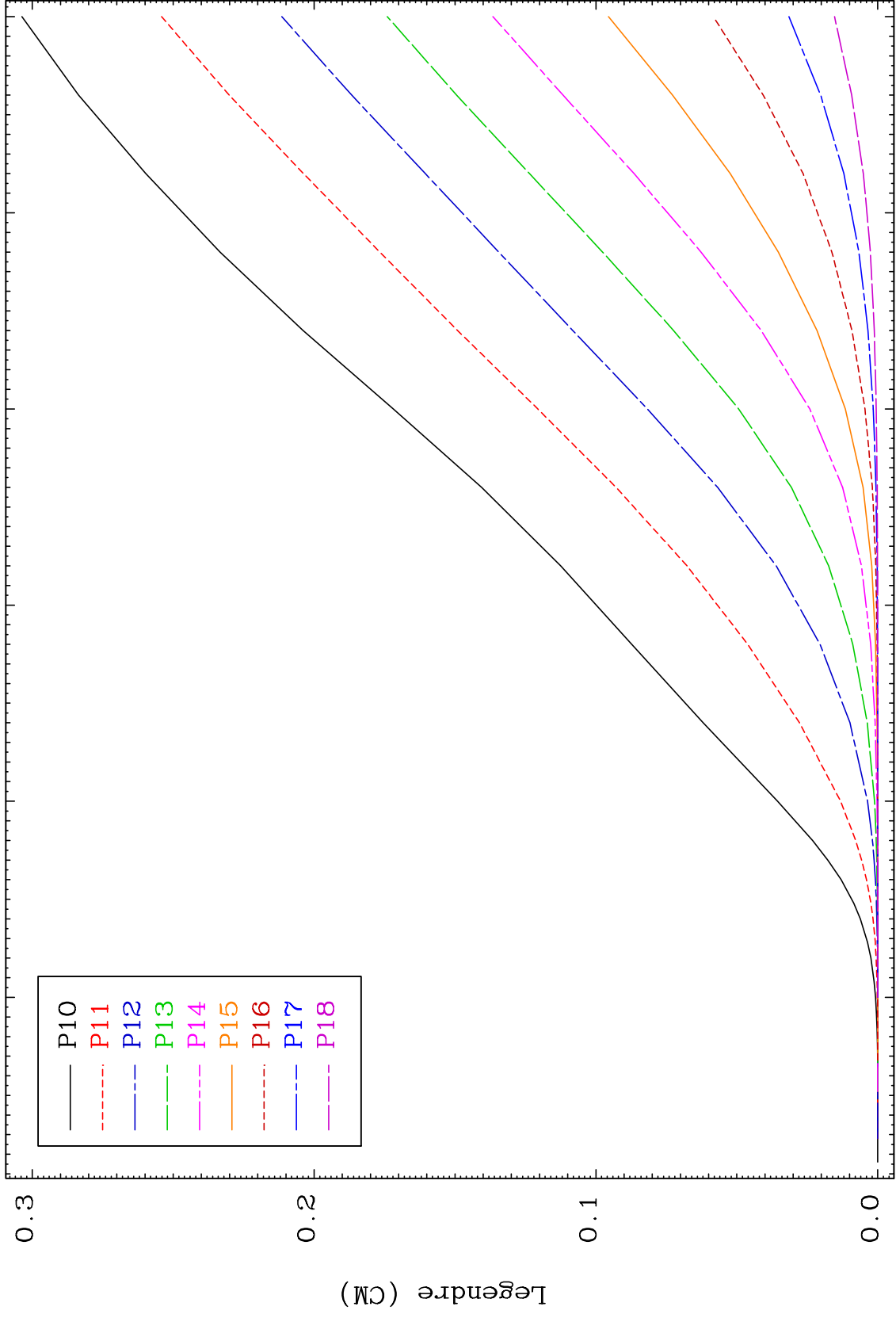




MAT 5301

Elastic
Legendre Coefficients

53-I -119



17

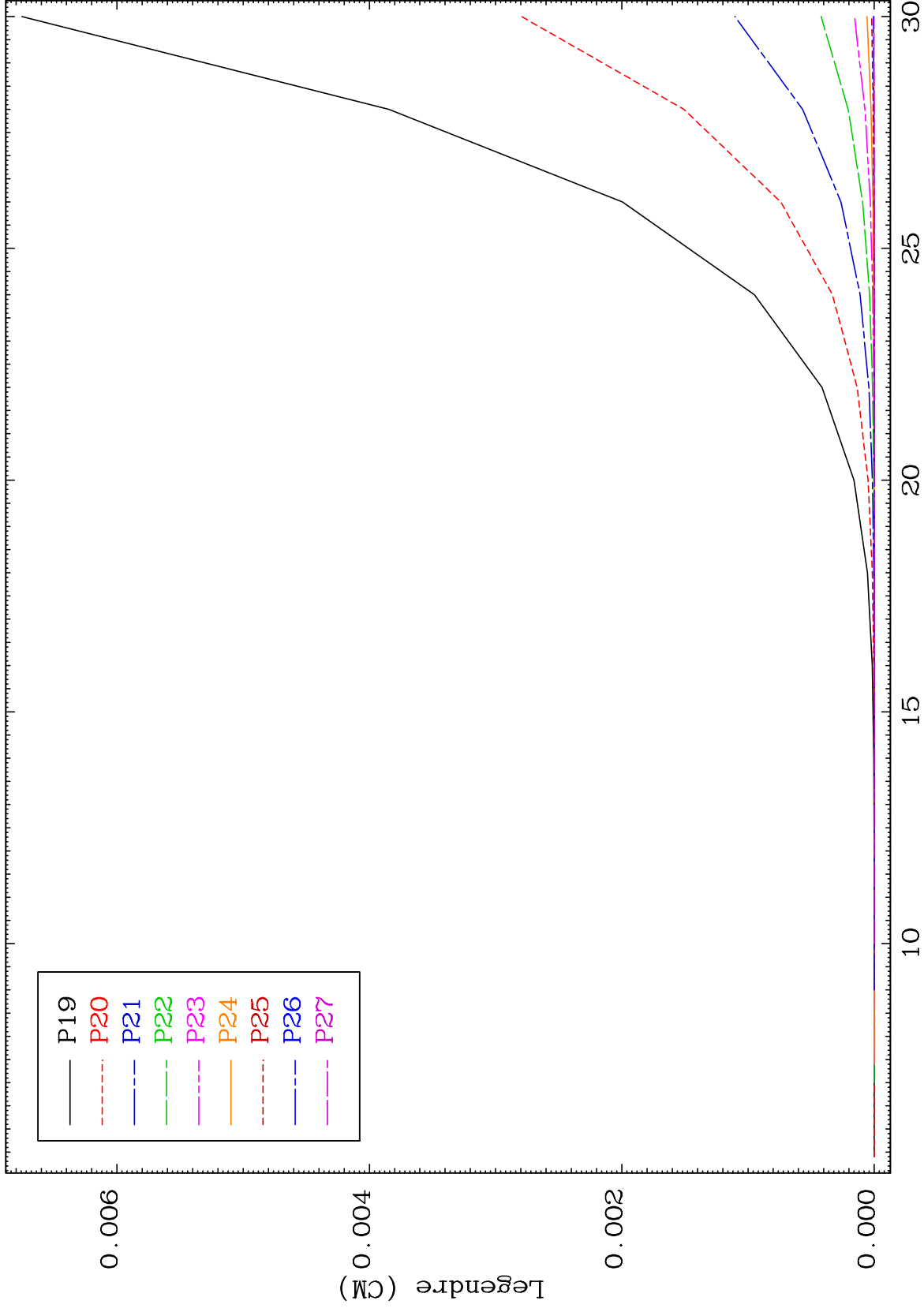
Incident Energy (MeV)

53-I -119

MAT 5301

Elastic Legendre Coefficients

53-I -119



18

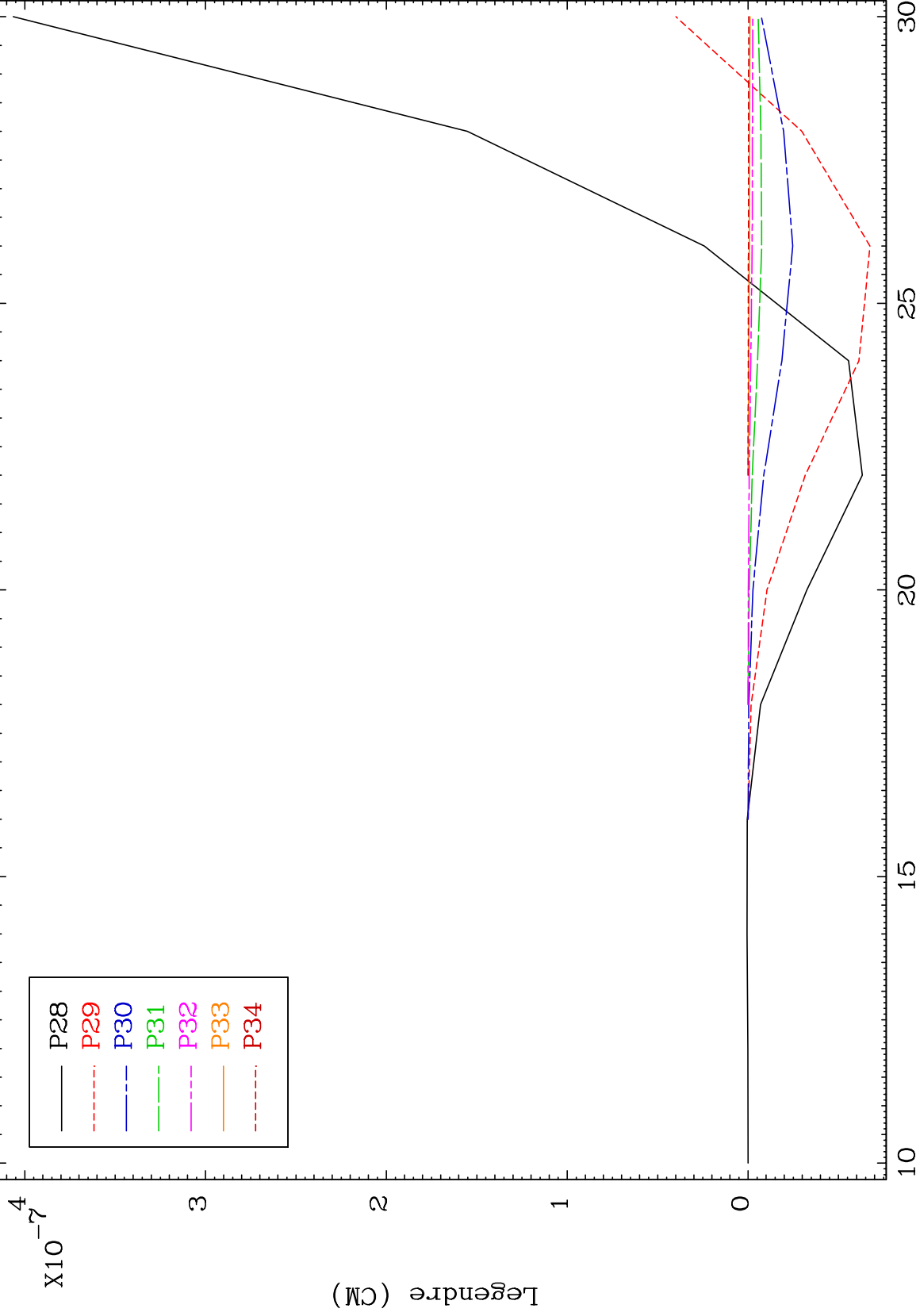
Incident Energy (MeV)

53-I -119

MAT 5301

Elastic
Legendre Coefficients

53-I -119



19

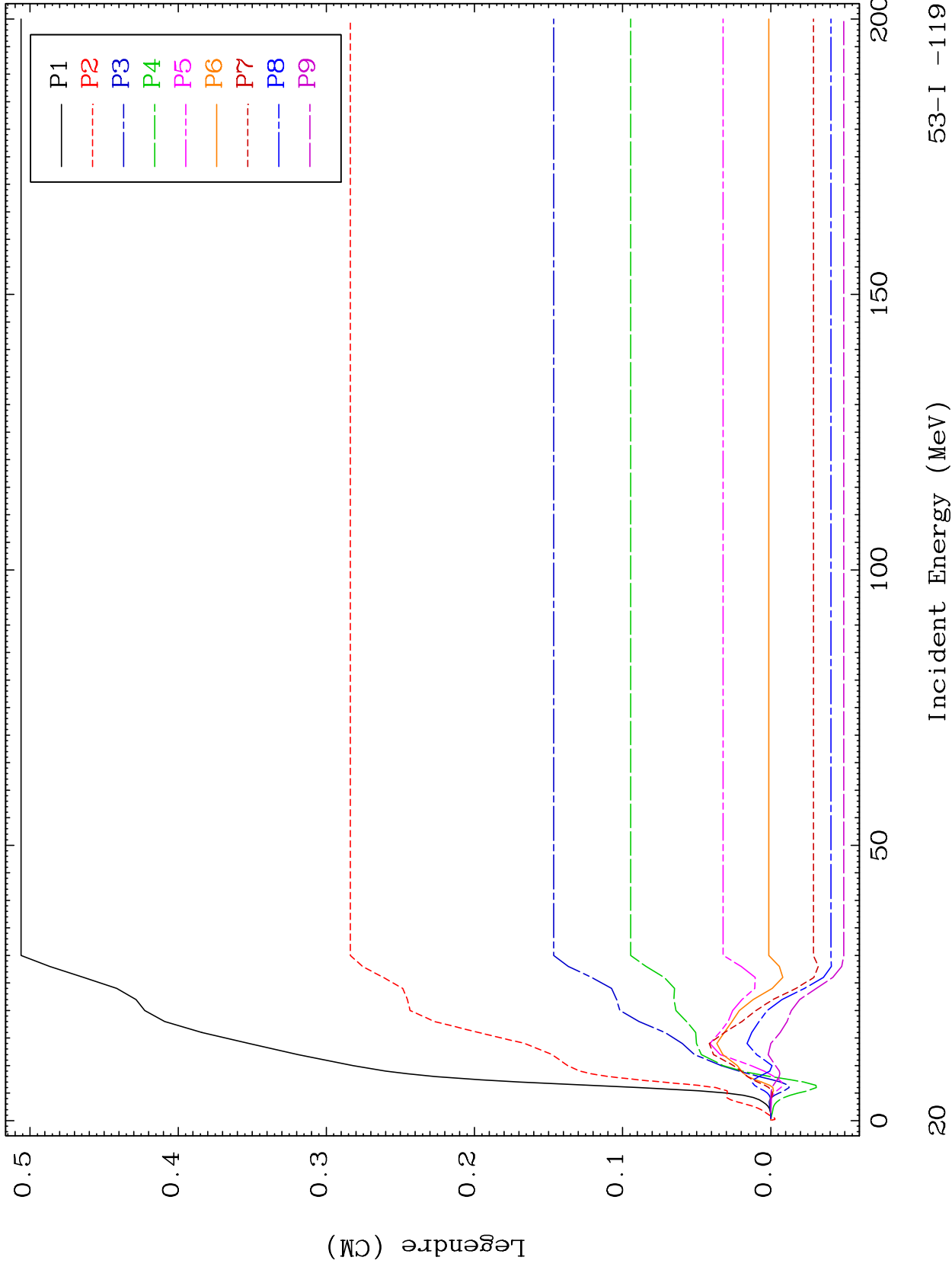
Incident Energy (MeV)

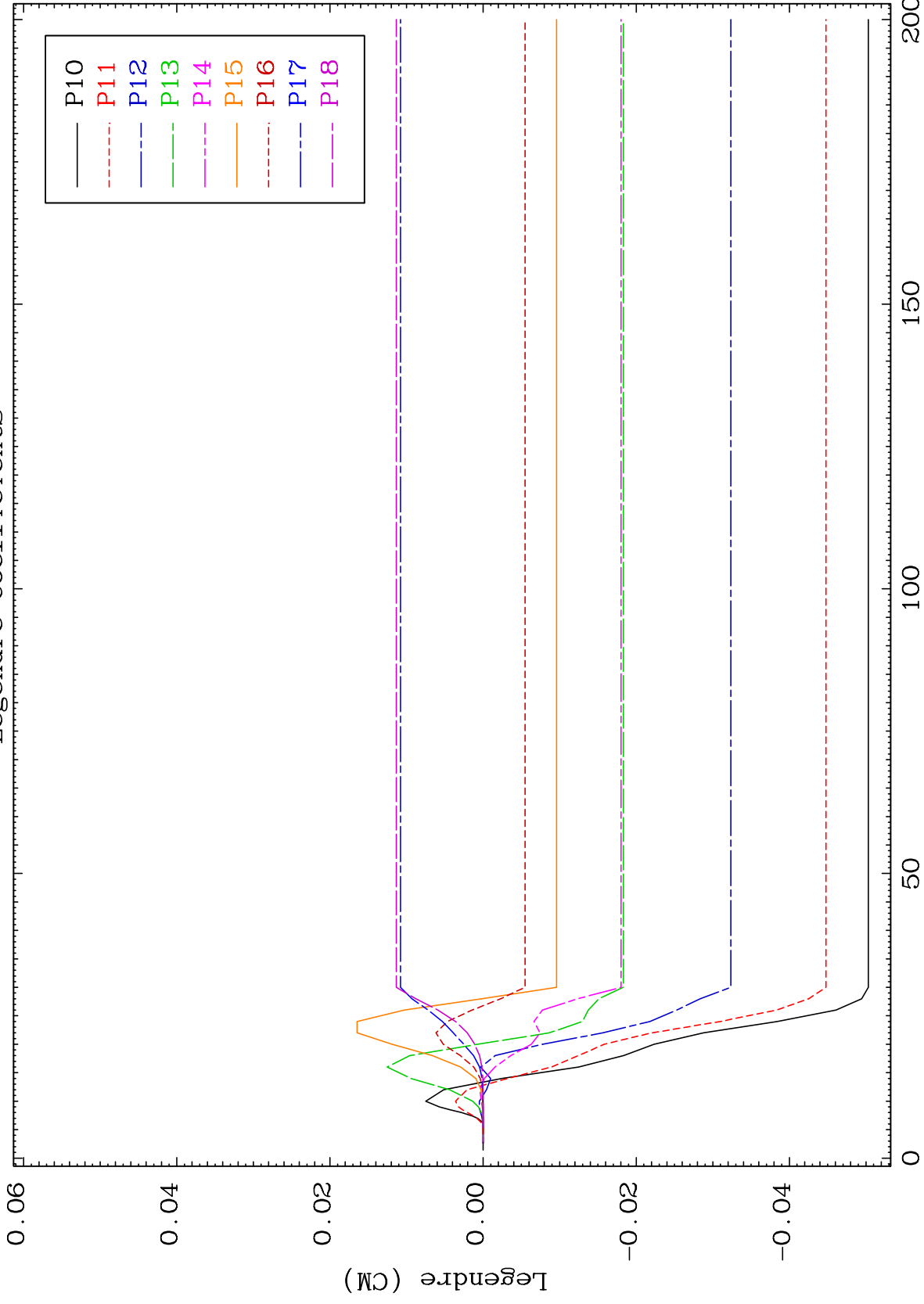
53-I -119

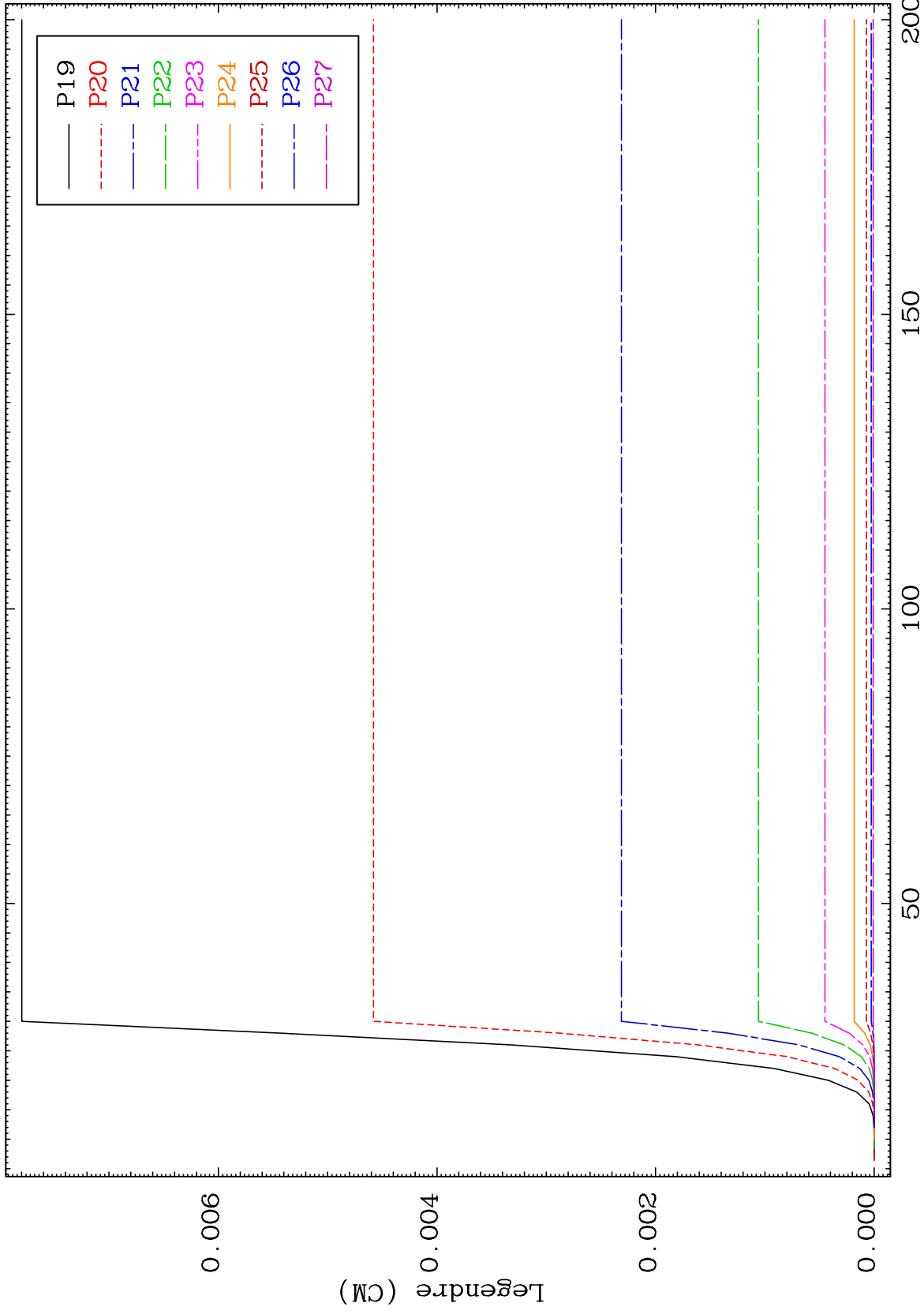
MAT 5301

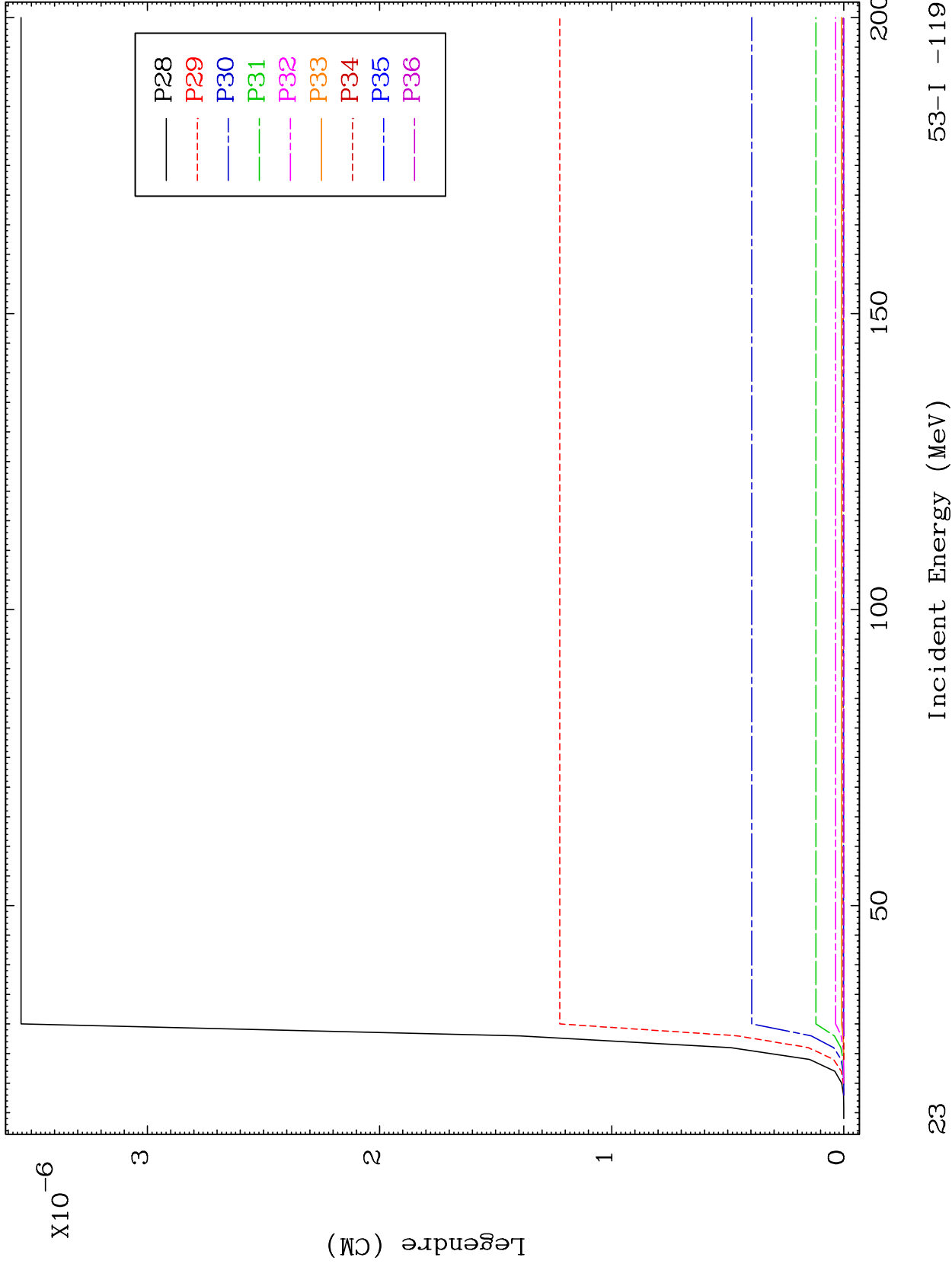
90.10 keV (n,n') Level
Legendre Coefficients

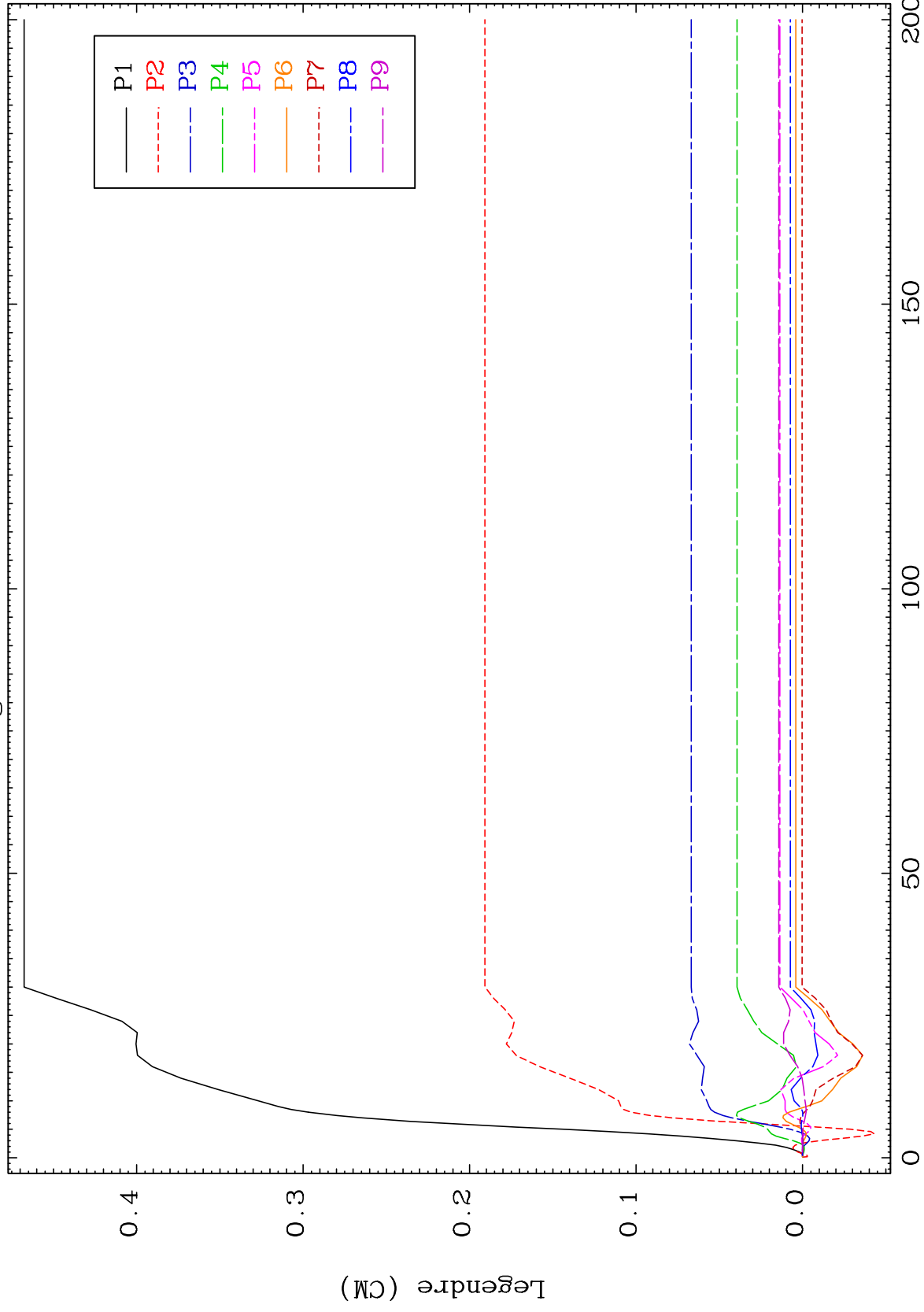
53-I -119







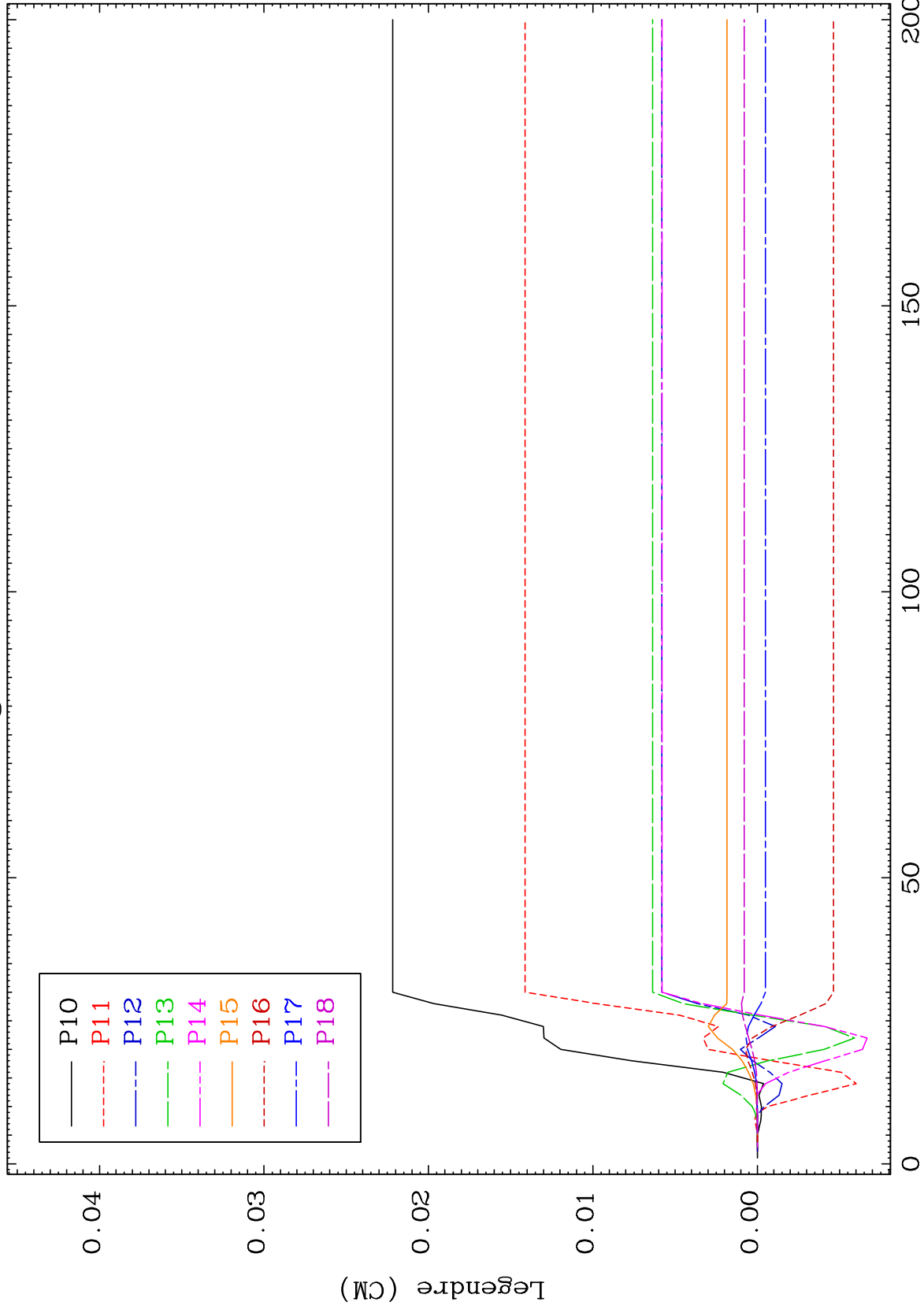




MAT 5301

98.60 keV (n,n') Level
Legendre Coefficients

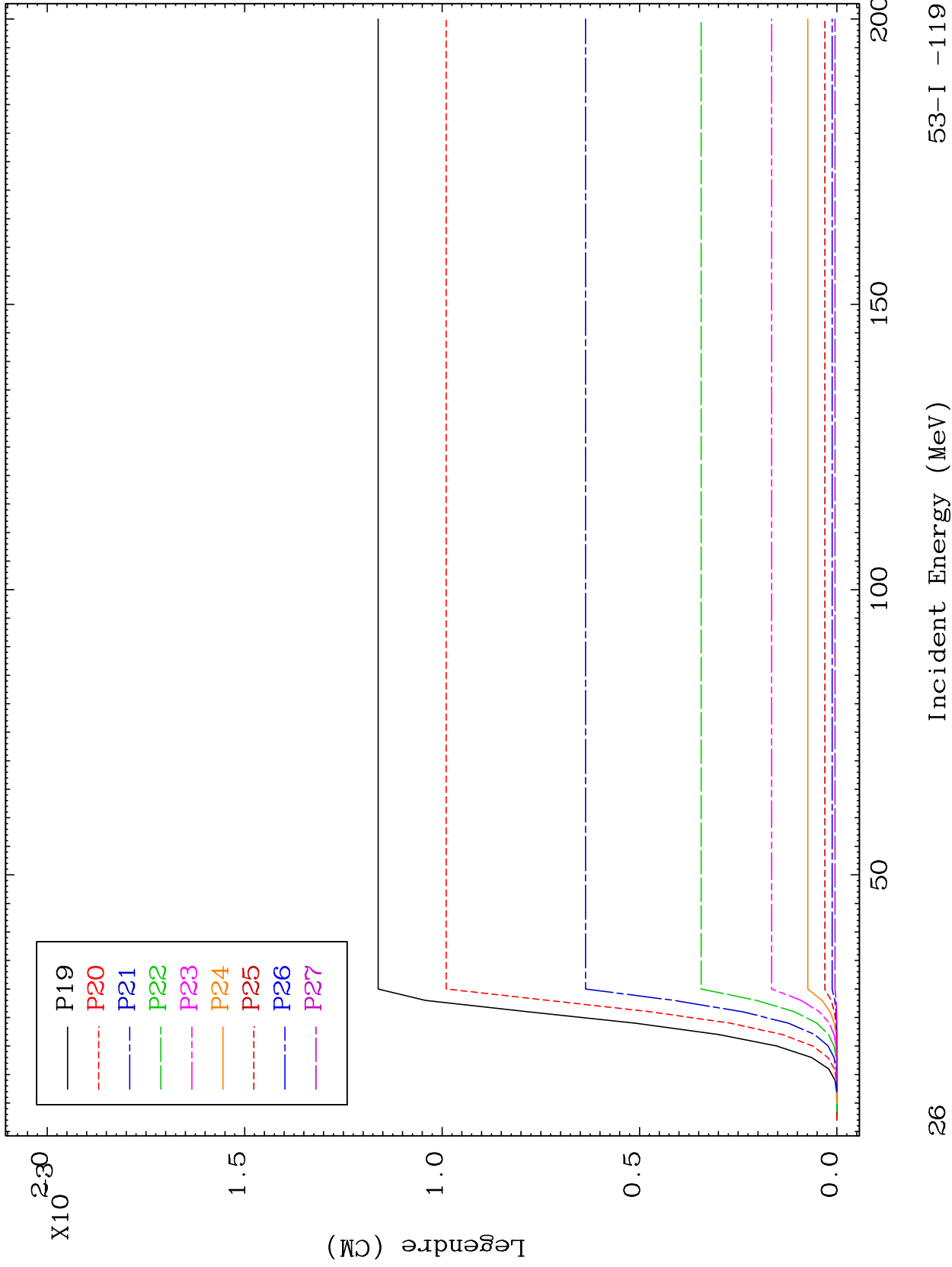
53-I -119

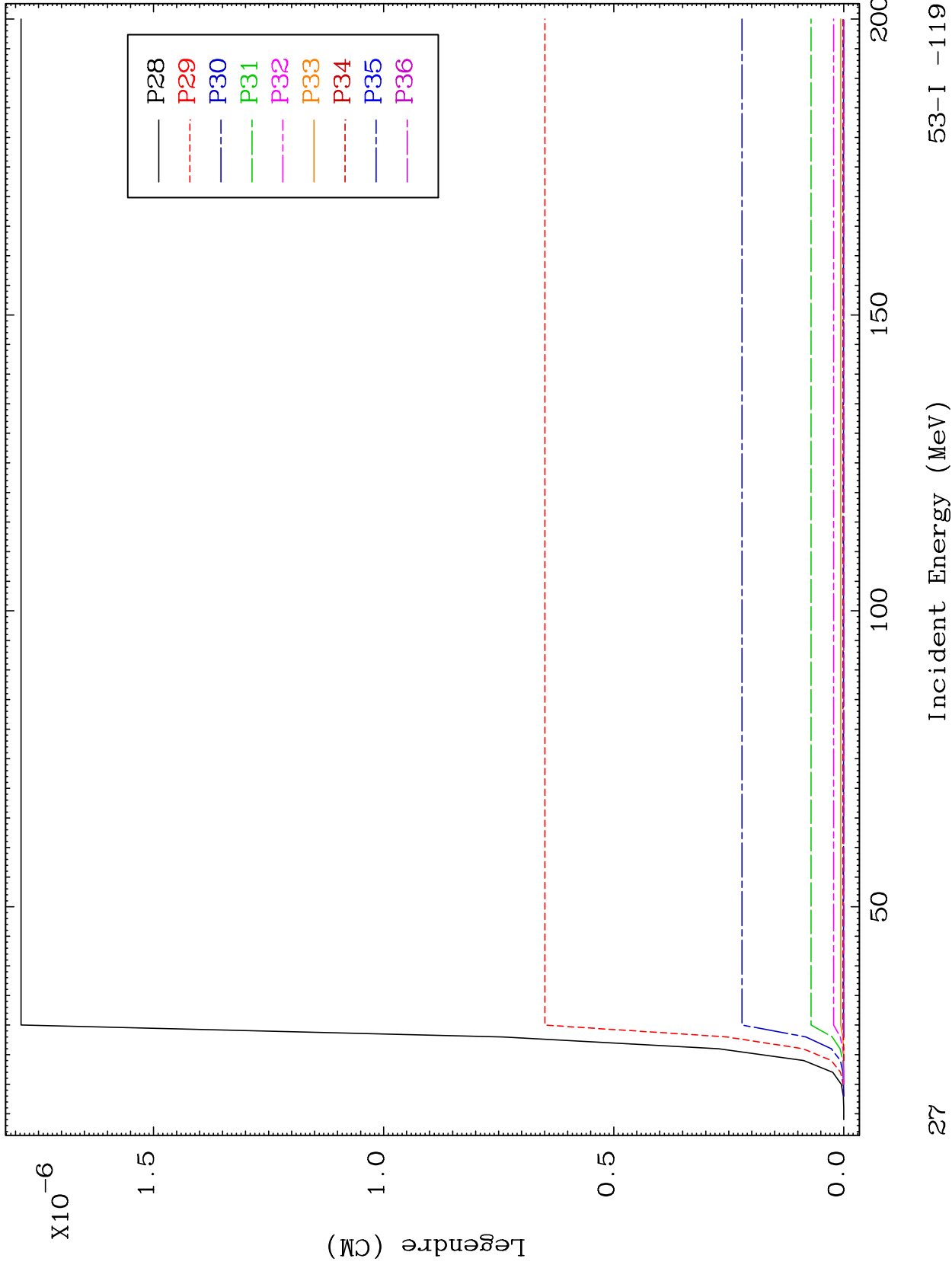


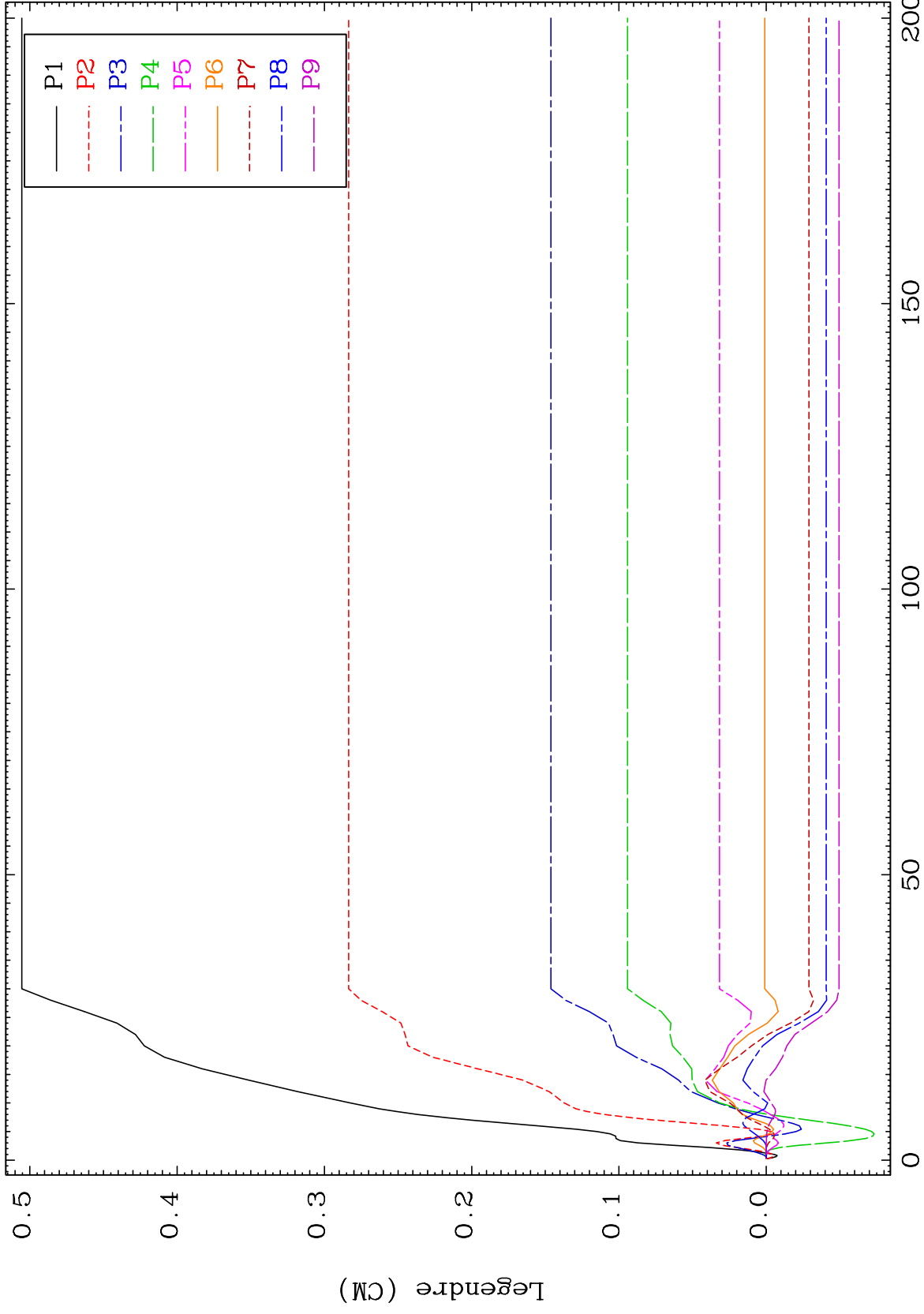
25

Incident Energy (MeV)

53-I -119



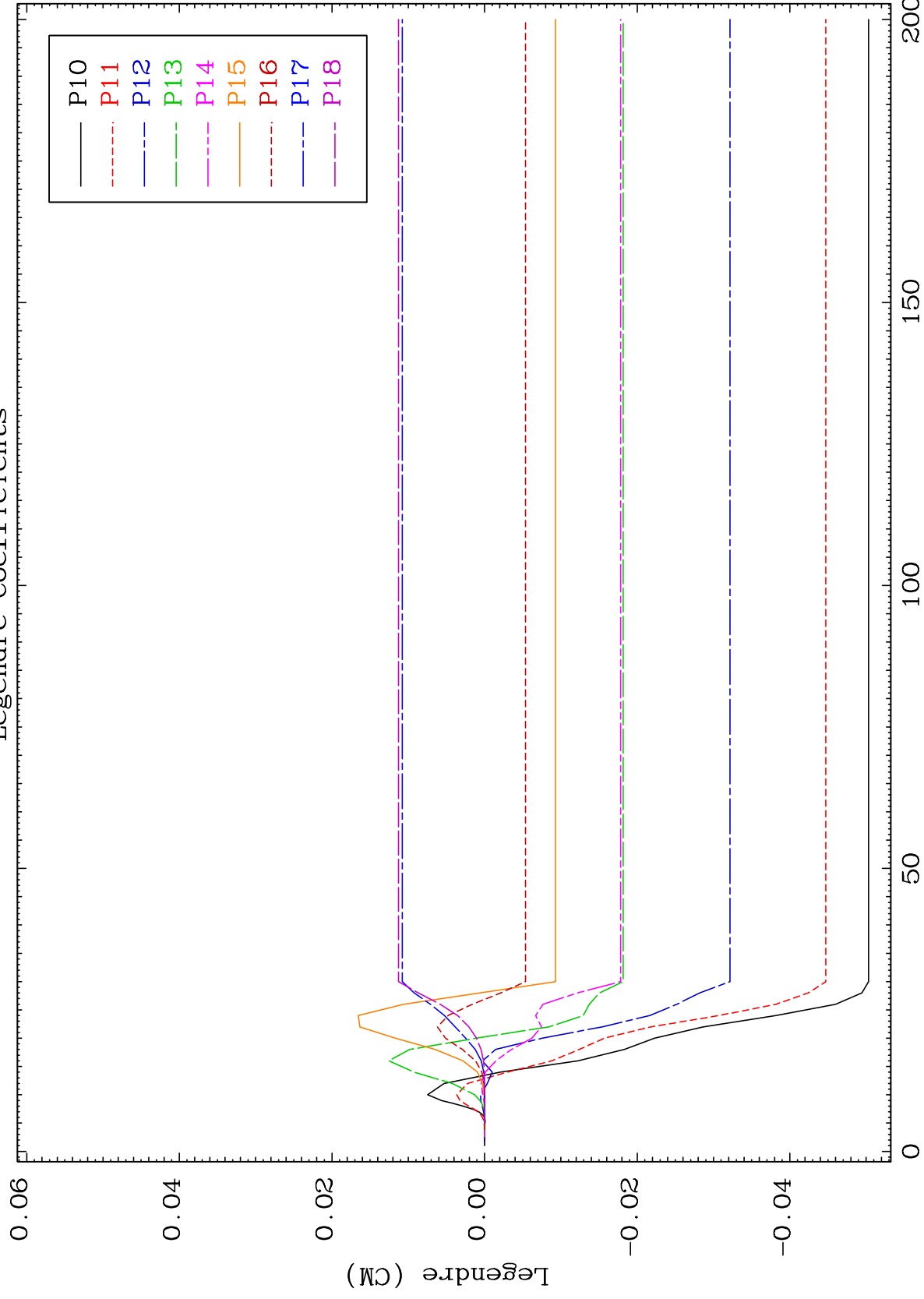




MAT 5301

230.8 keV (n,n') Level
Legendre Coefficients

53-I -119



29

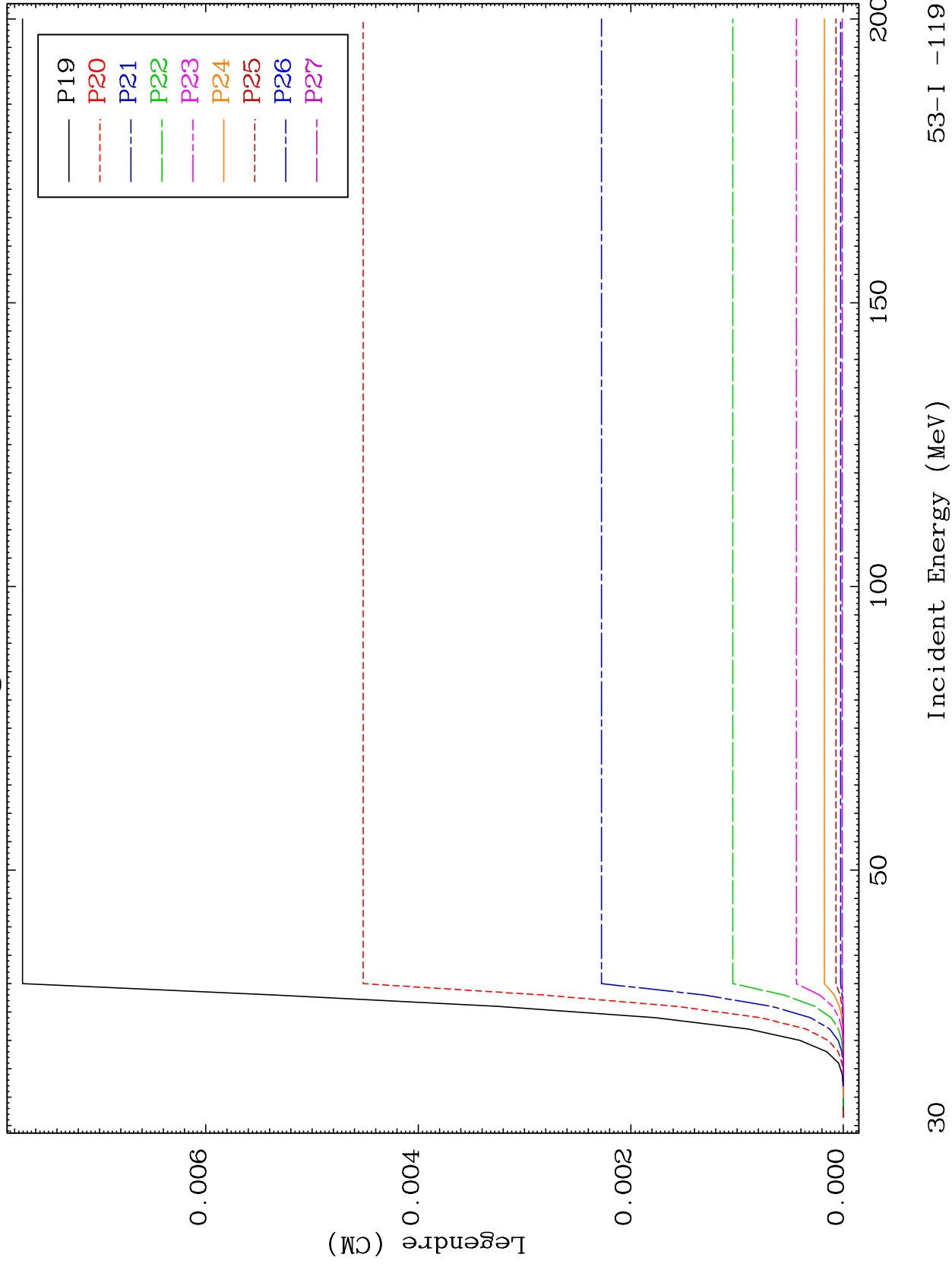
Incident Energy (MeV)

53-I -119

MAT 5301

230.8 keV (n,n') Level
Legendre Coefficients

53-I -119



53-I -119

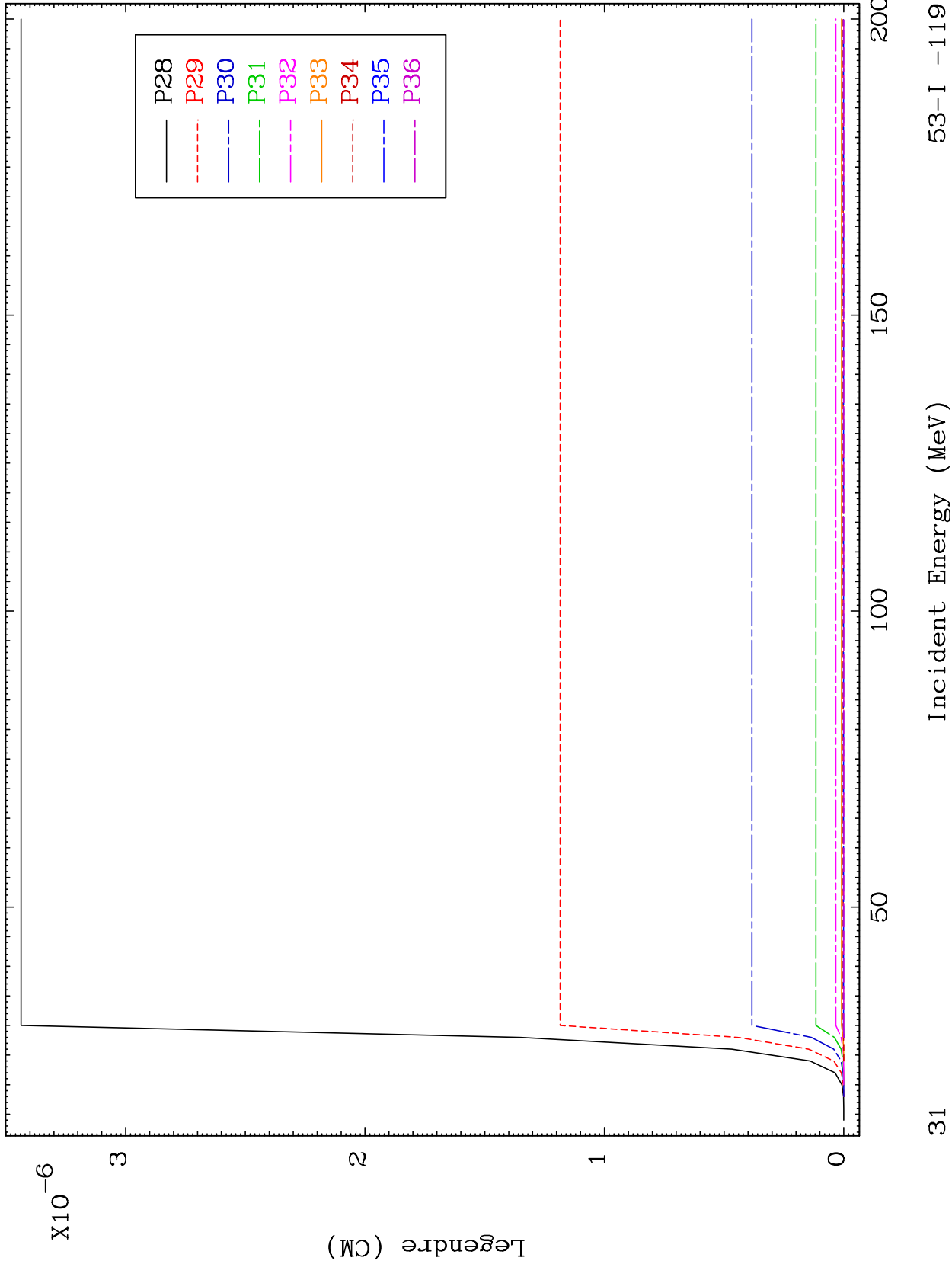
Incident Energy (MeV)

30

MAT 5301

230.8 keV (n,n') Level
Legendre Coefficients

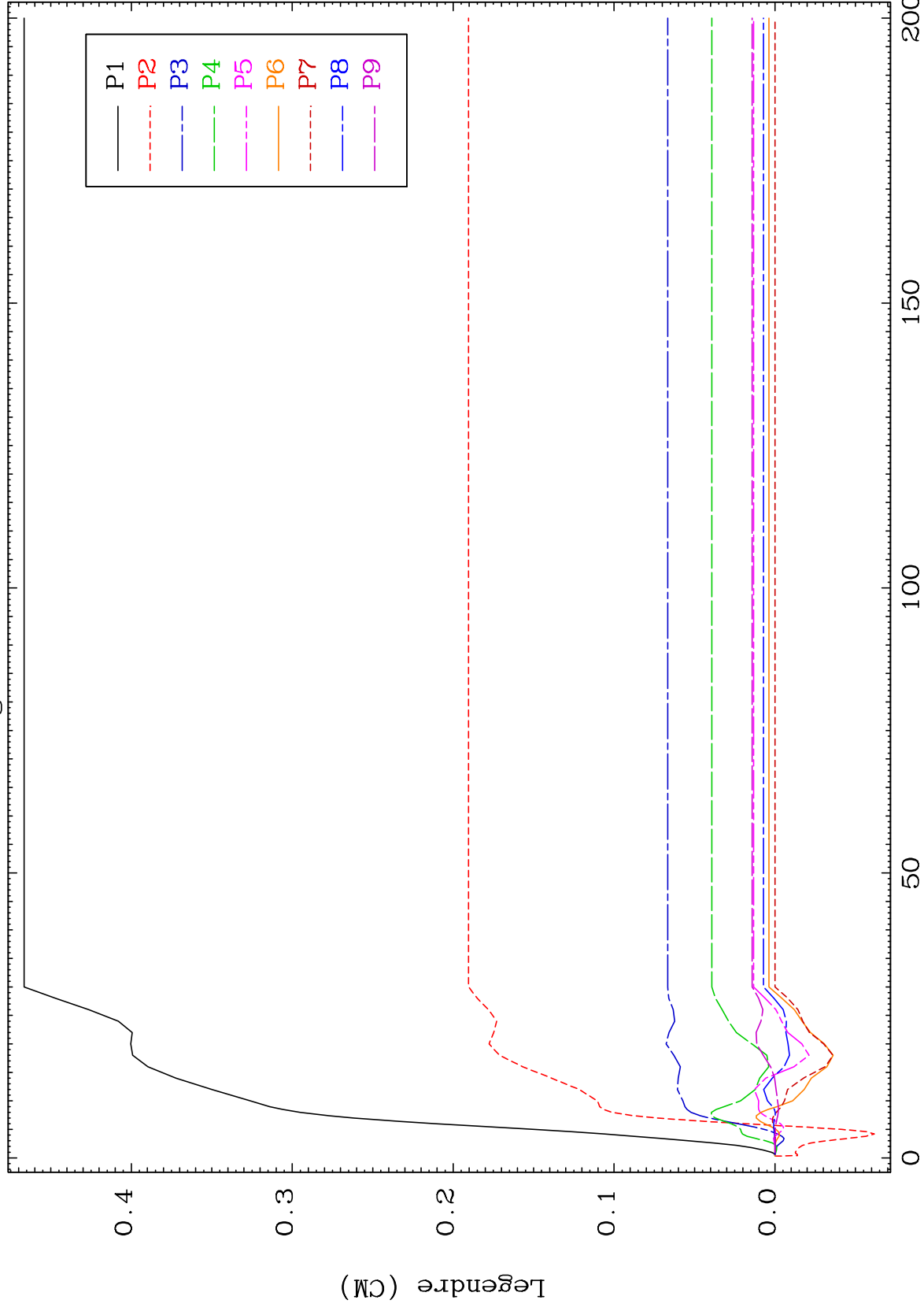
53-I -119

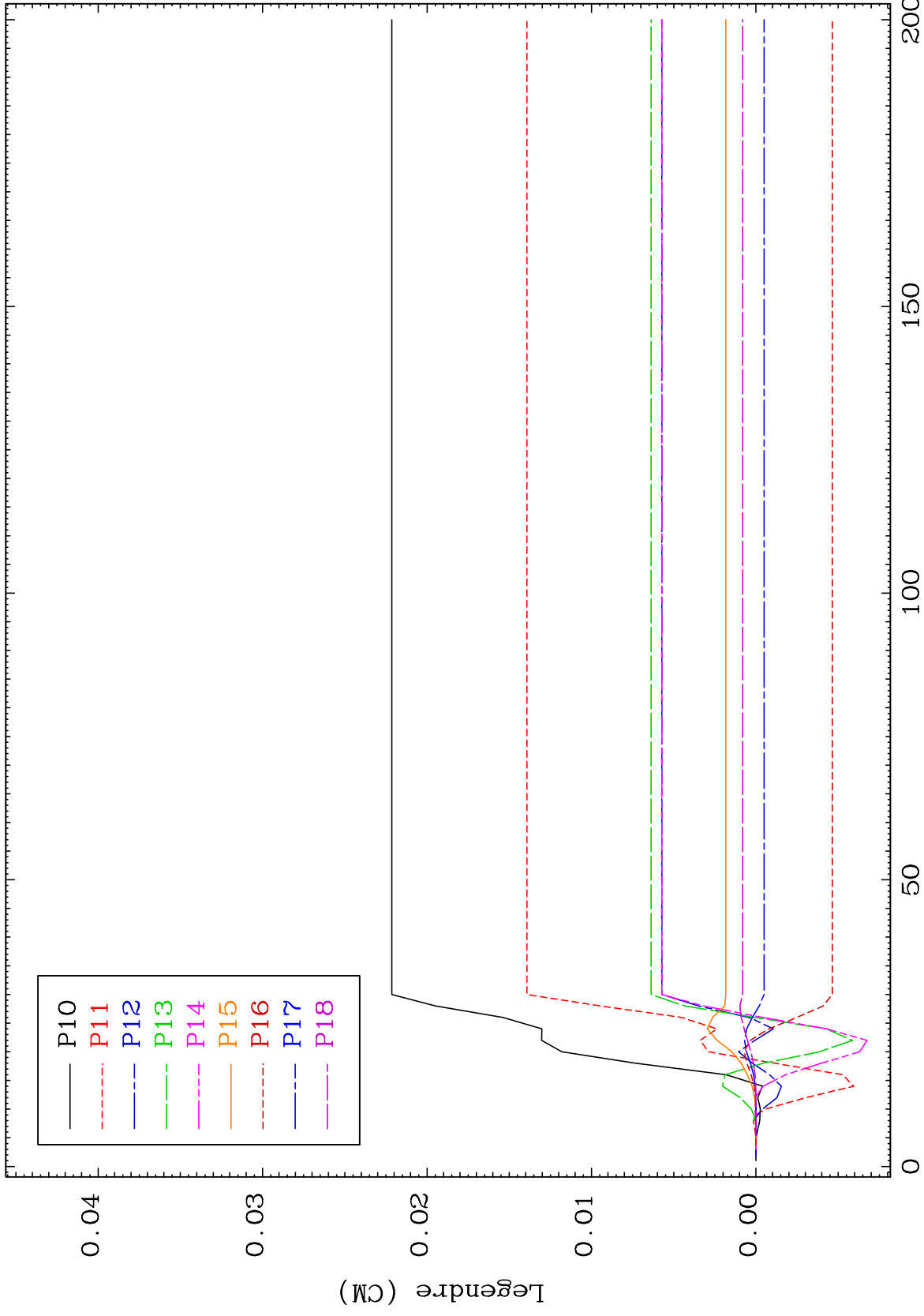


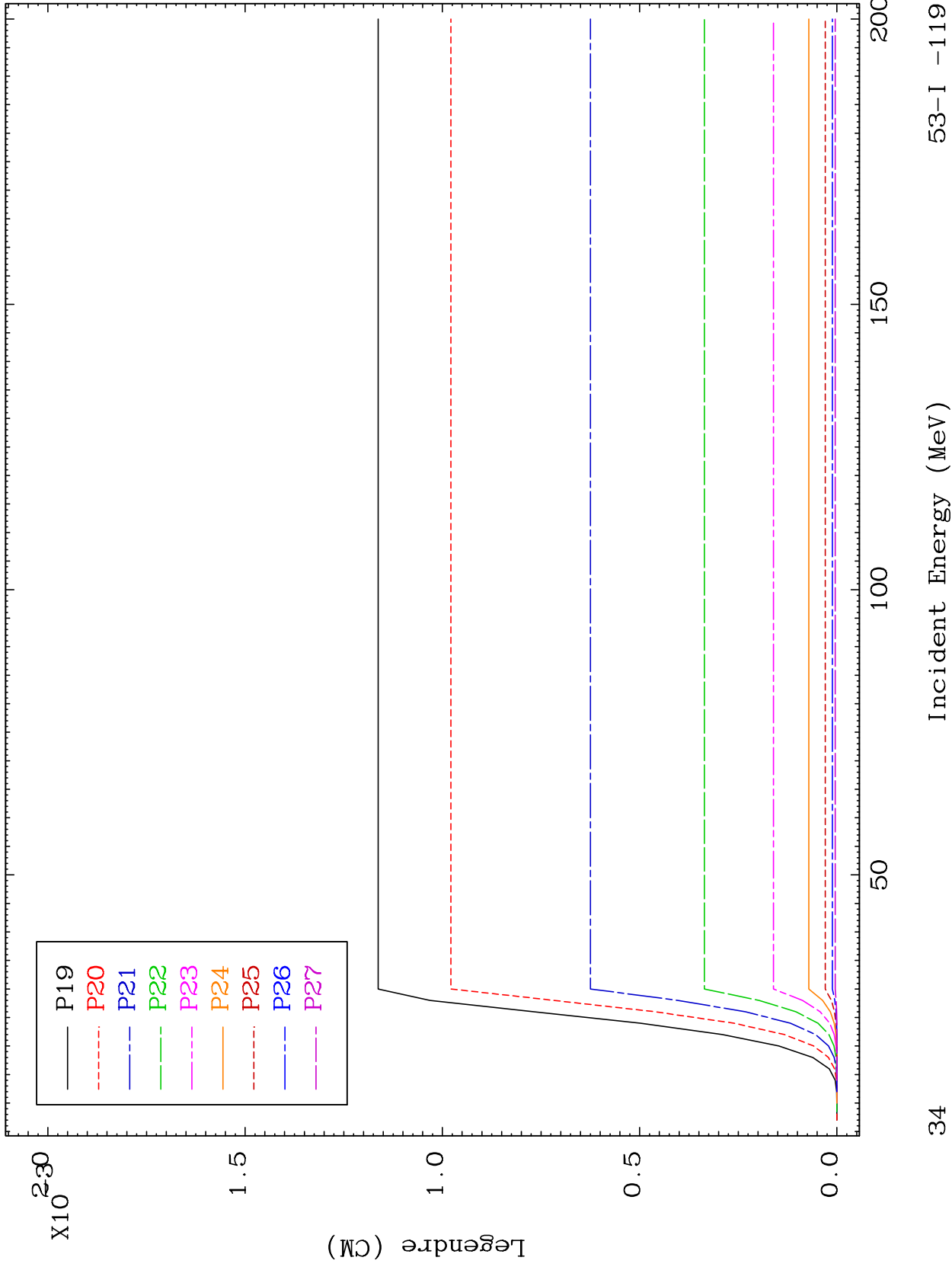
31

Incident Energy (MeV)

53-I -119



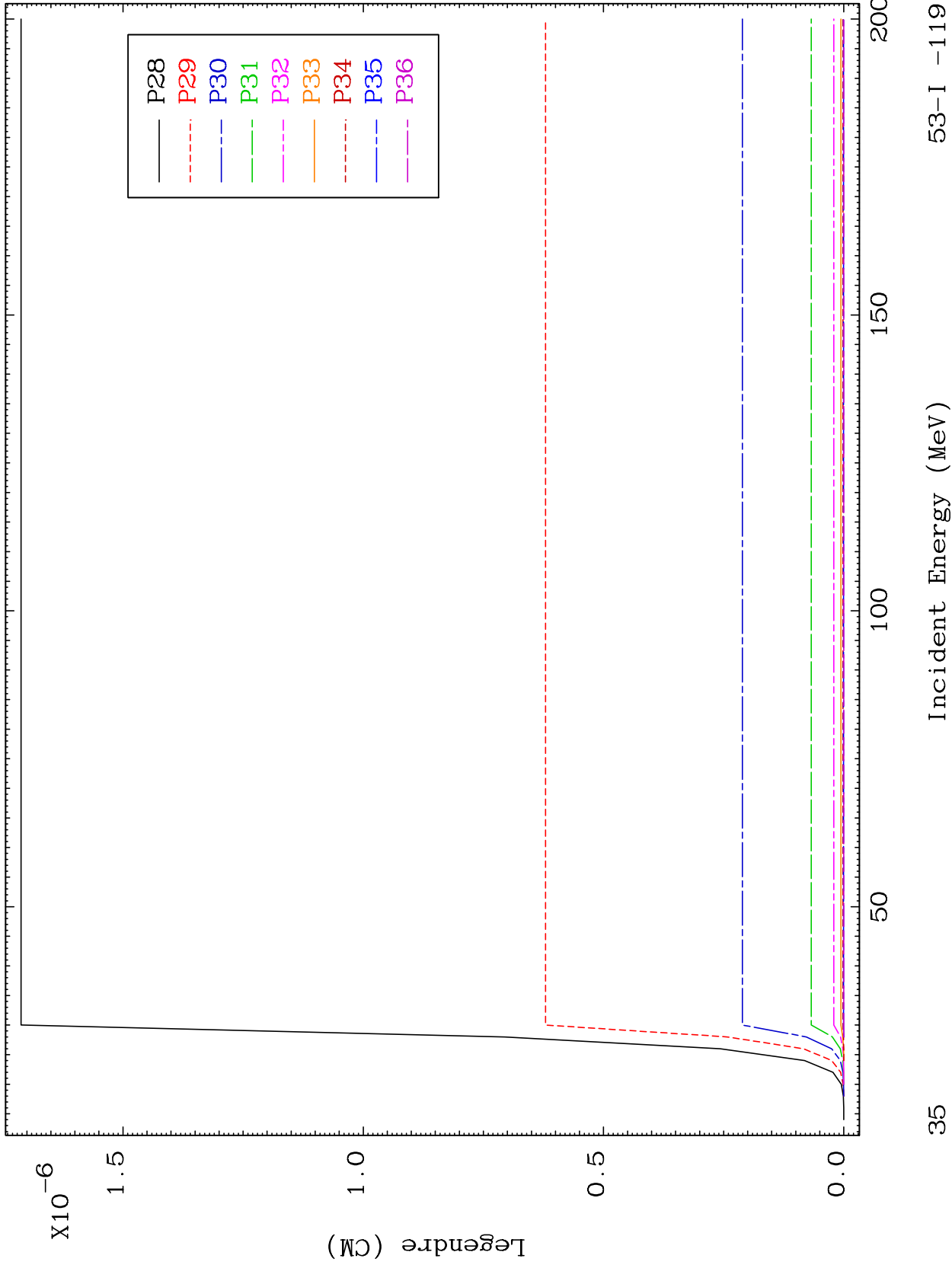




MAT 5301

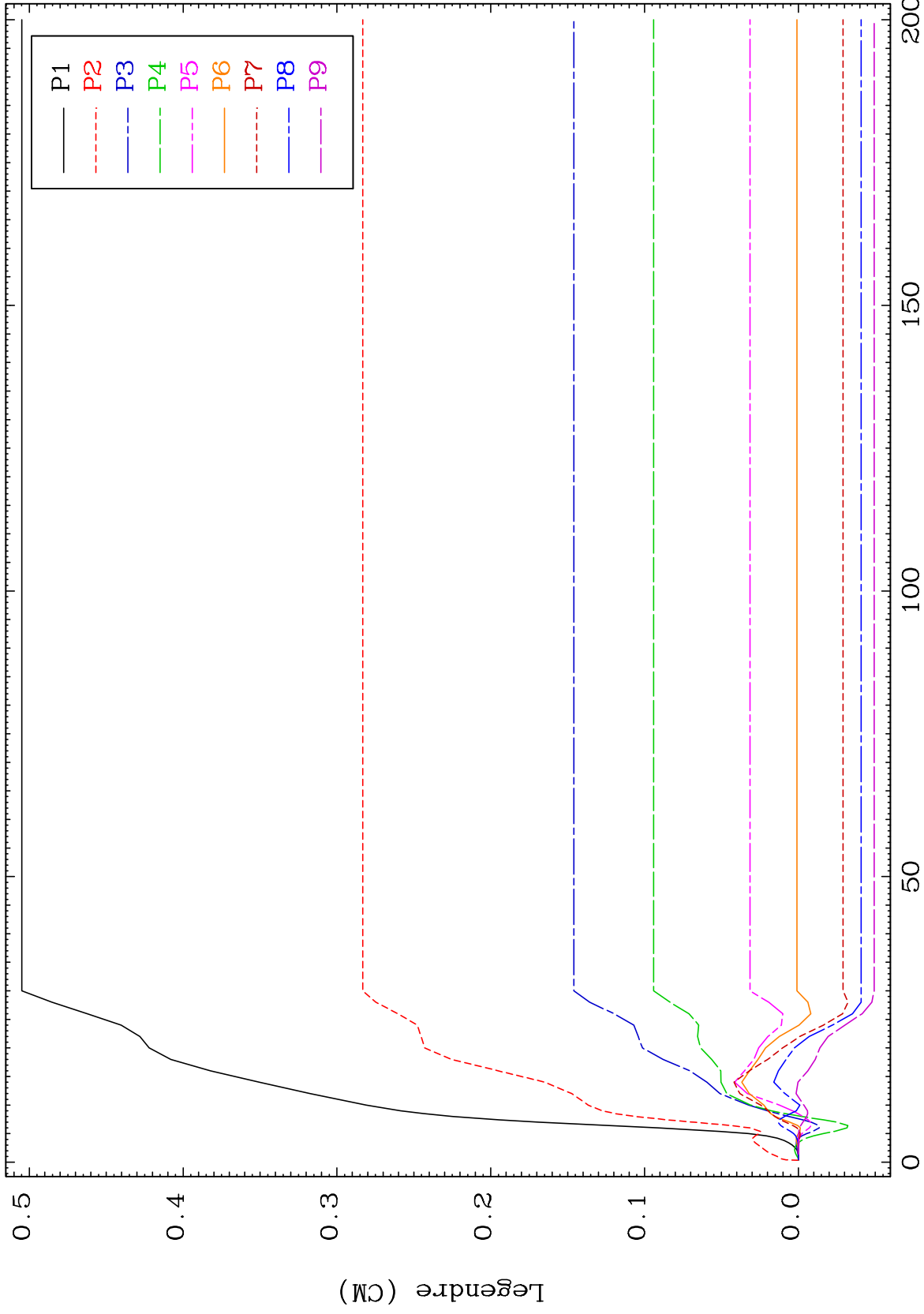
306.7 keV (n,n') Level
Legendre Coefficients

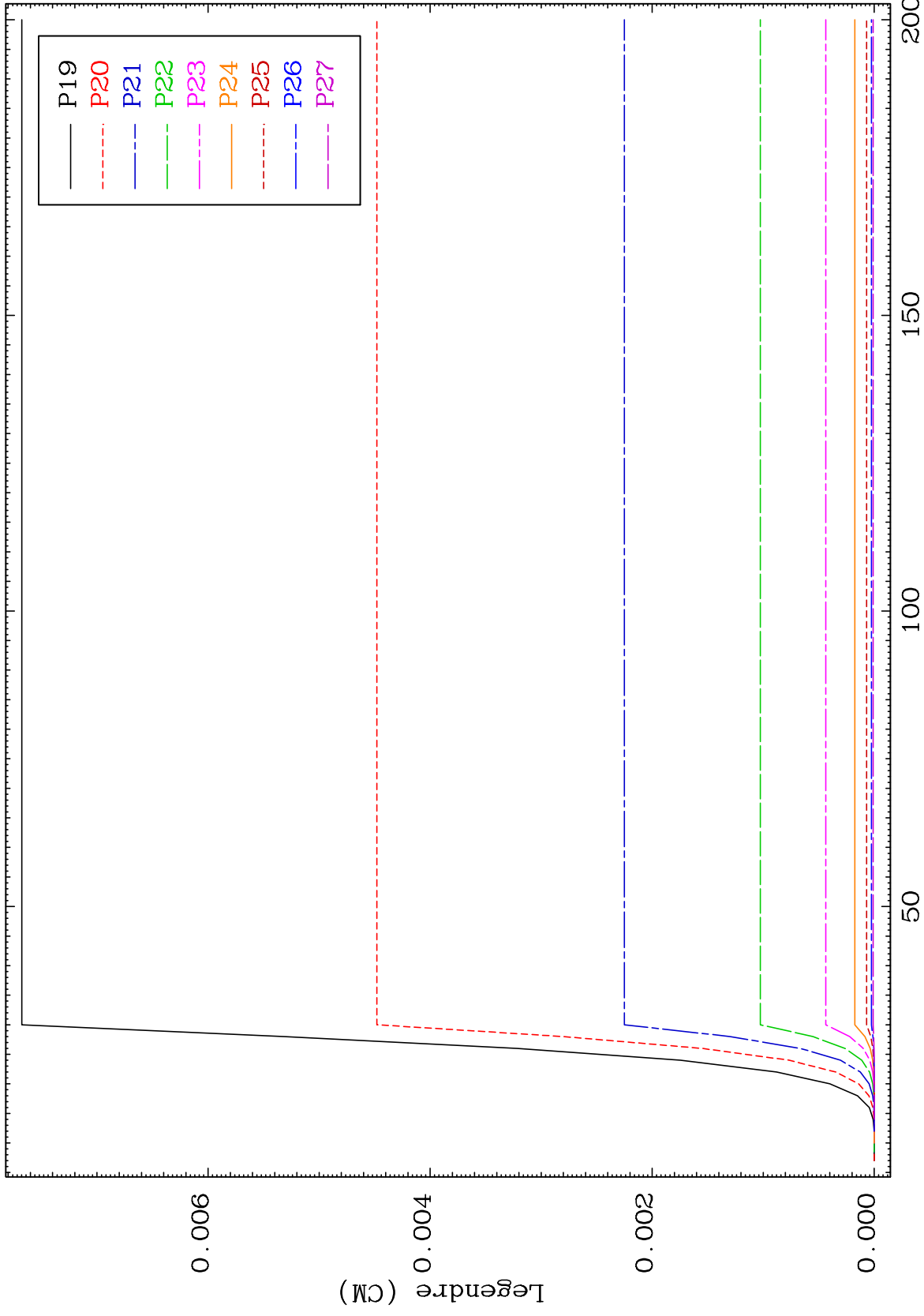
53-I -119



53-I -119

35

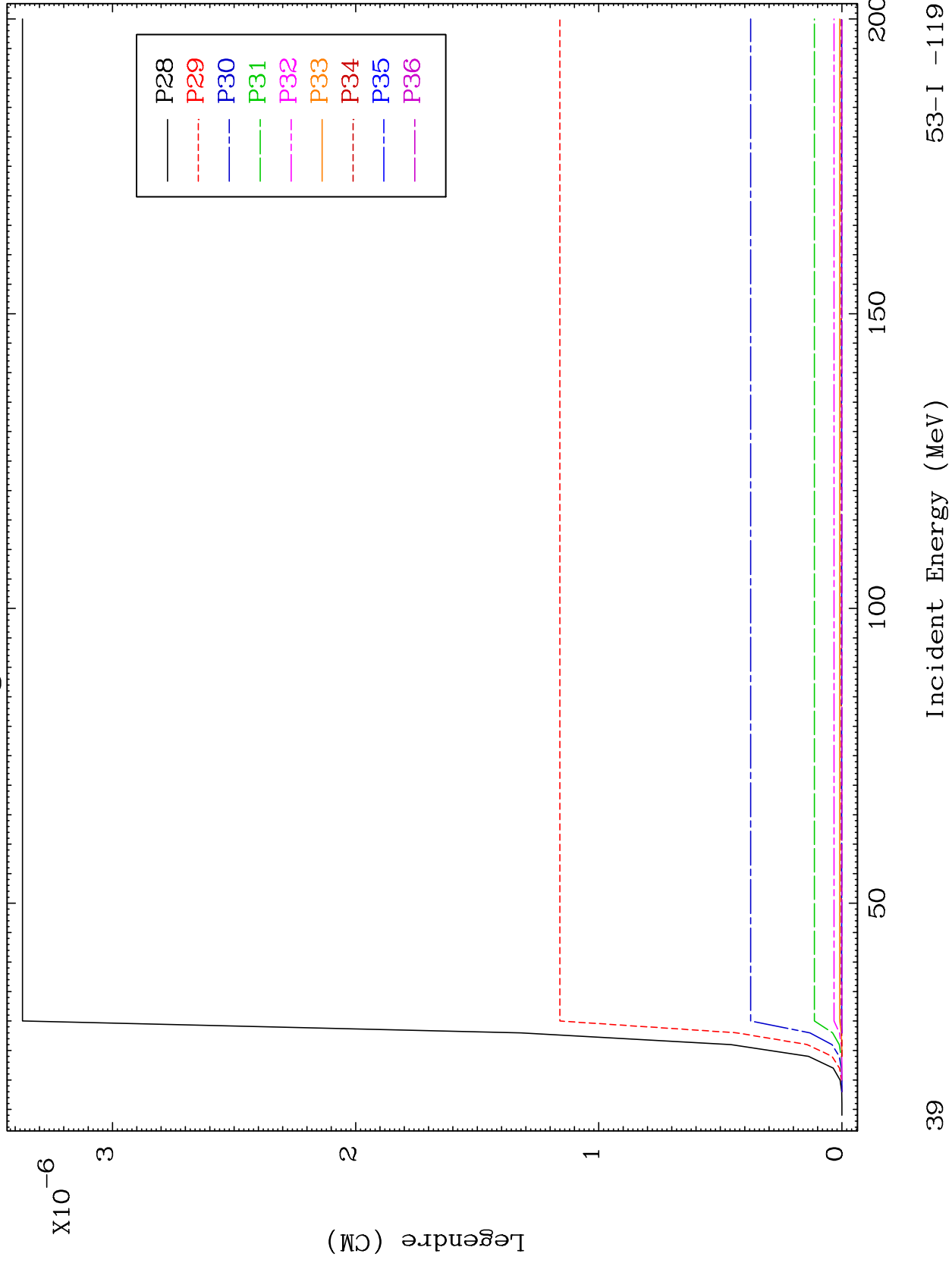




MAT 5301

320.2 keV (n,n') Level
Legendre Coefficients

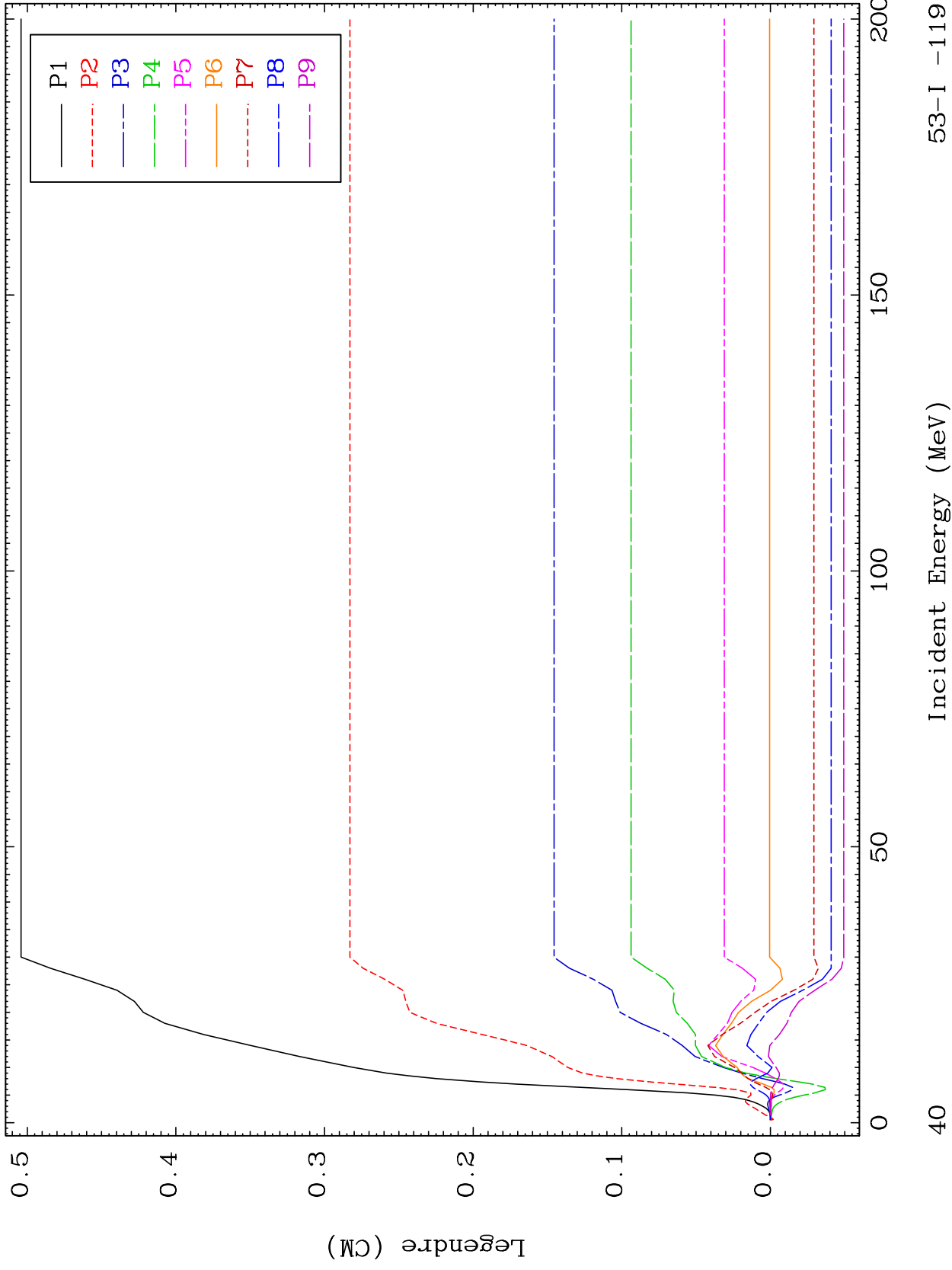
53-I -119

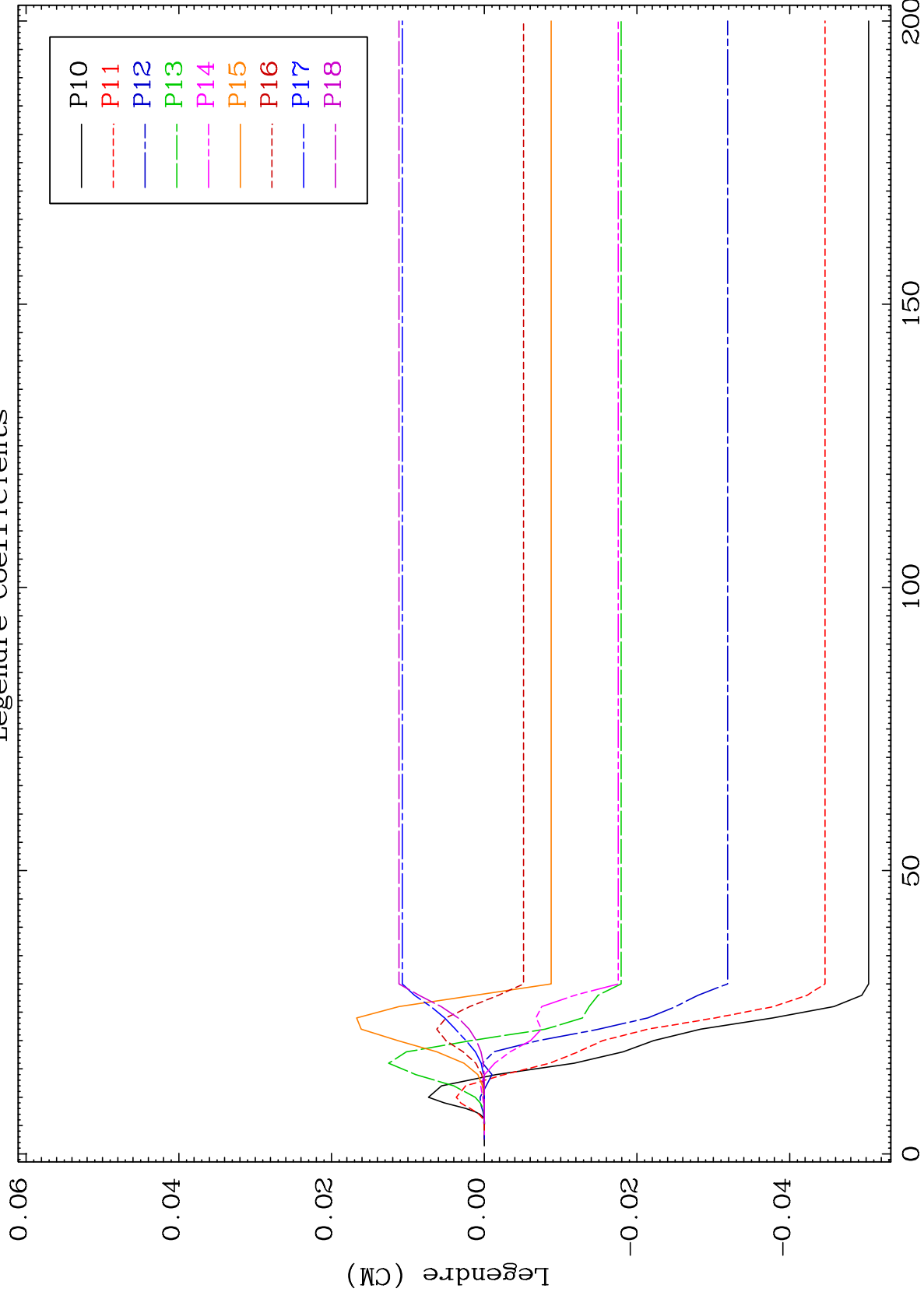


MAT 5301

462.0 keV (n,n') Level
Legendre Coefficients

53-I -119

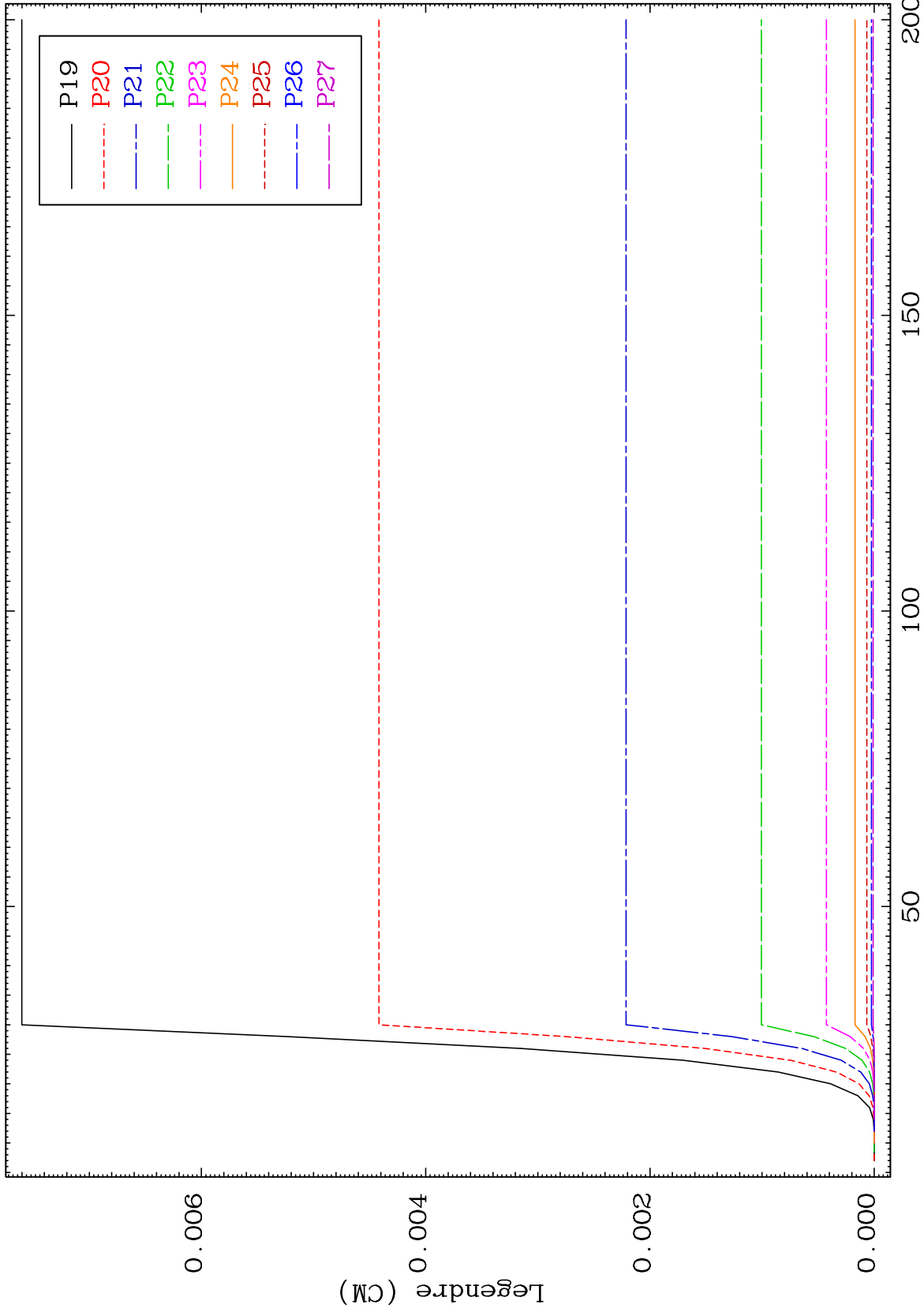




MAT 5301

462.0 keV (n,n') Level
Legendre Coefficients

53-I -119



42

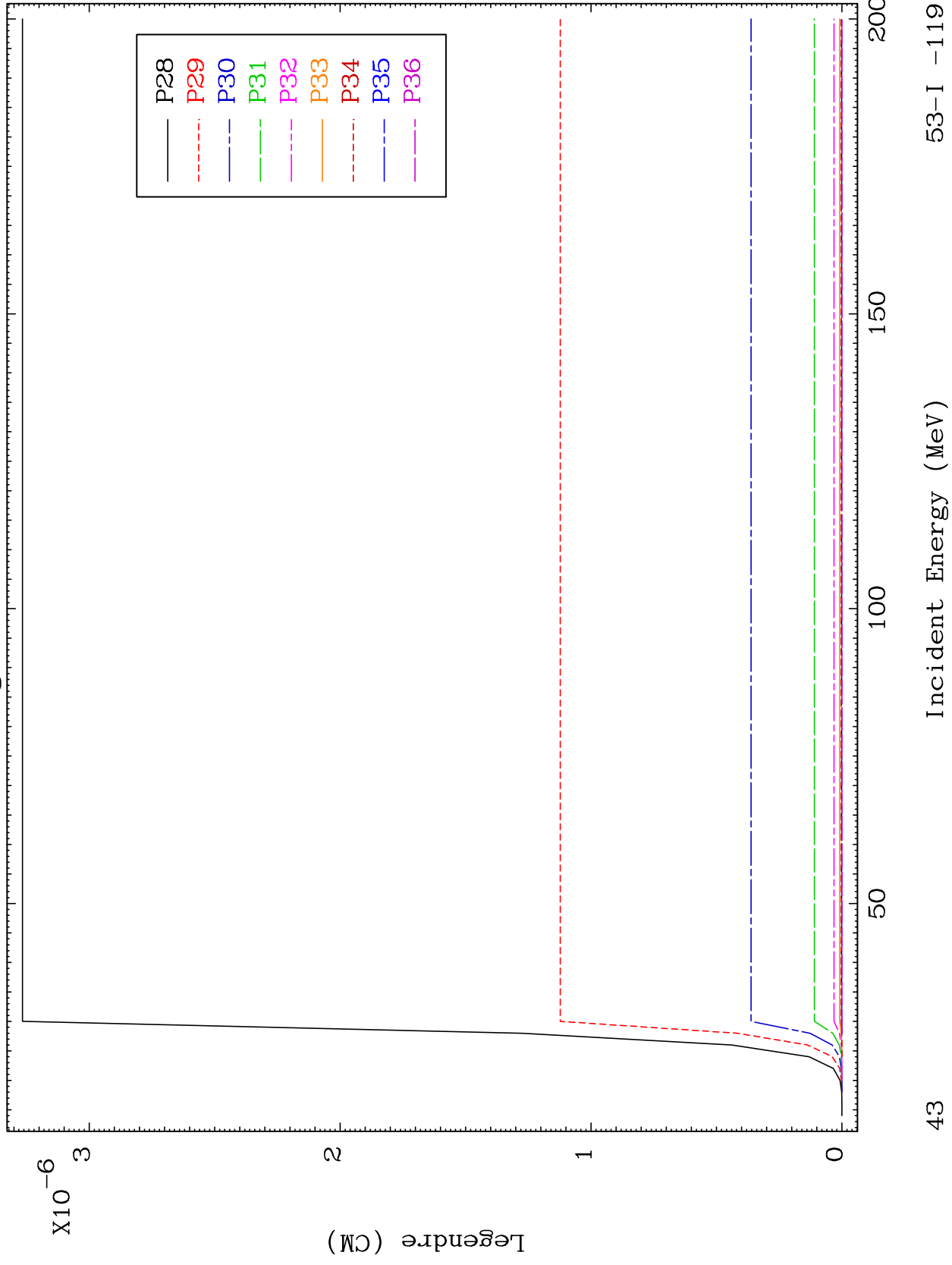
Incident Energy (MeV)

53-I -119

MAT 5301

462.0 keV (n,n') Level
Legendre Coefficients

53-I -119



43

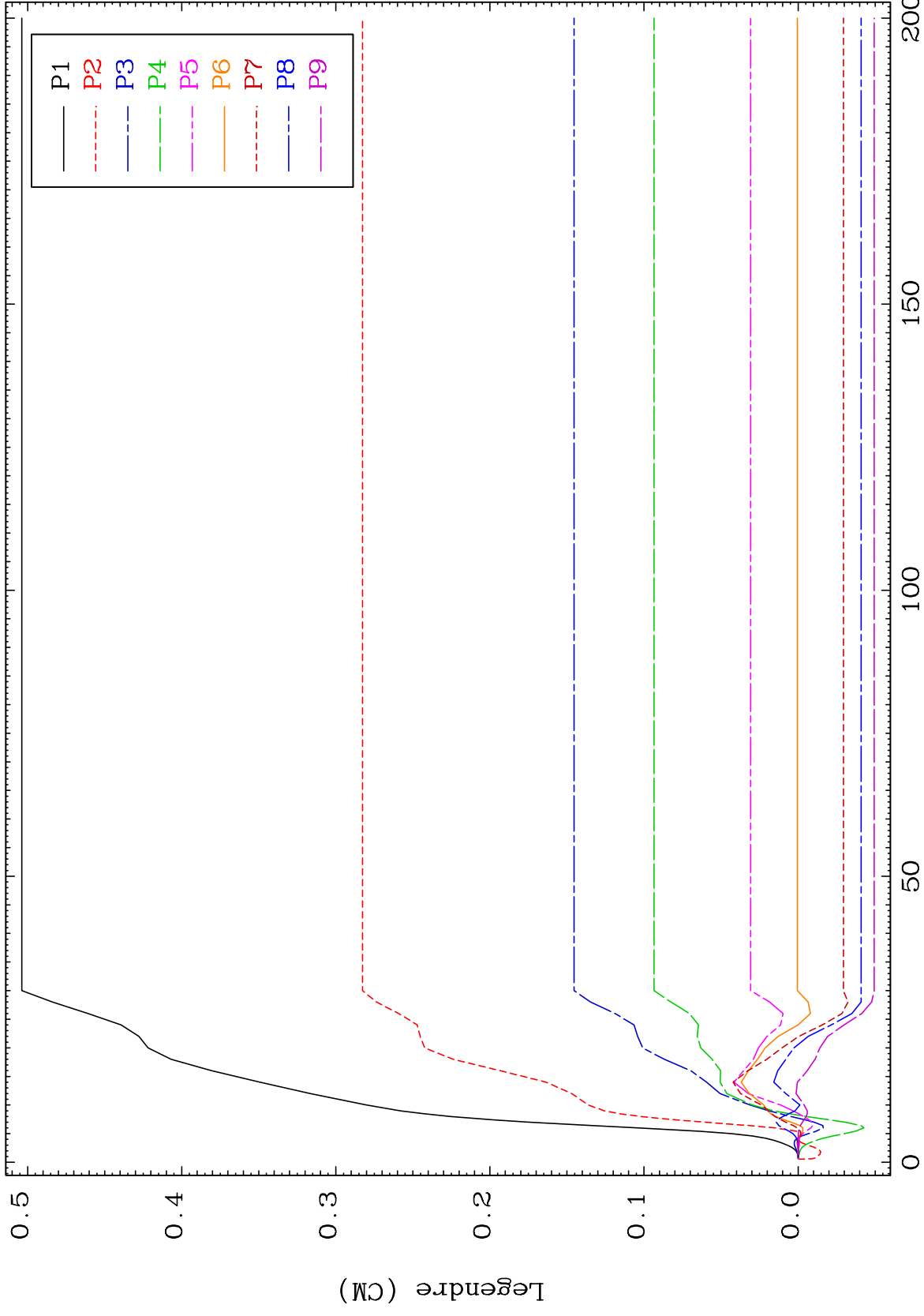
Incident Energy (MeV)

53-I -119

MAT 5301

536.2 keV (n,n') Level
Legendre Coefficients

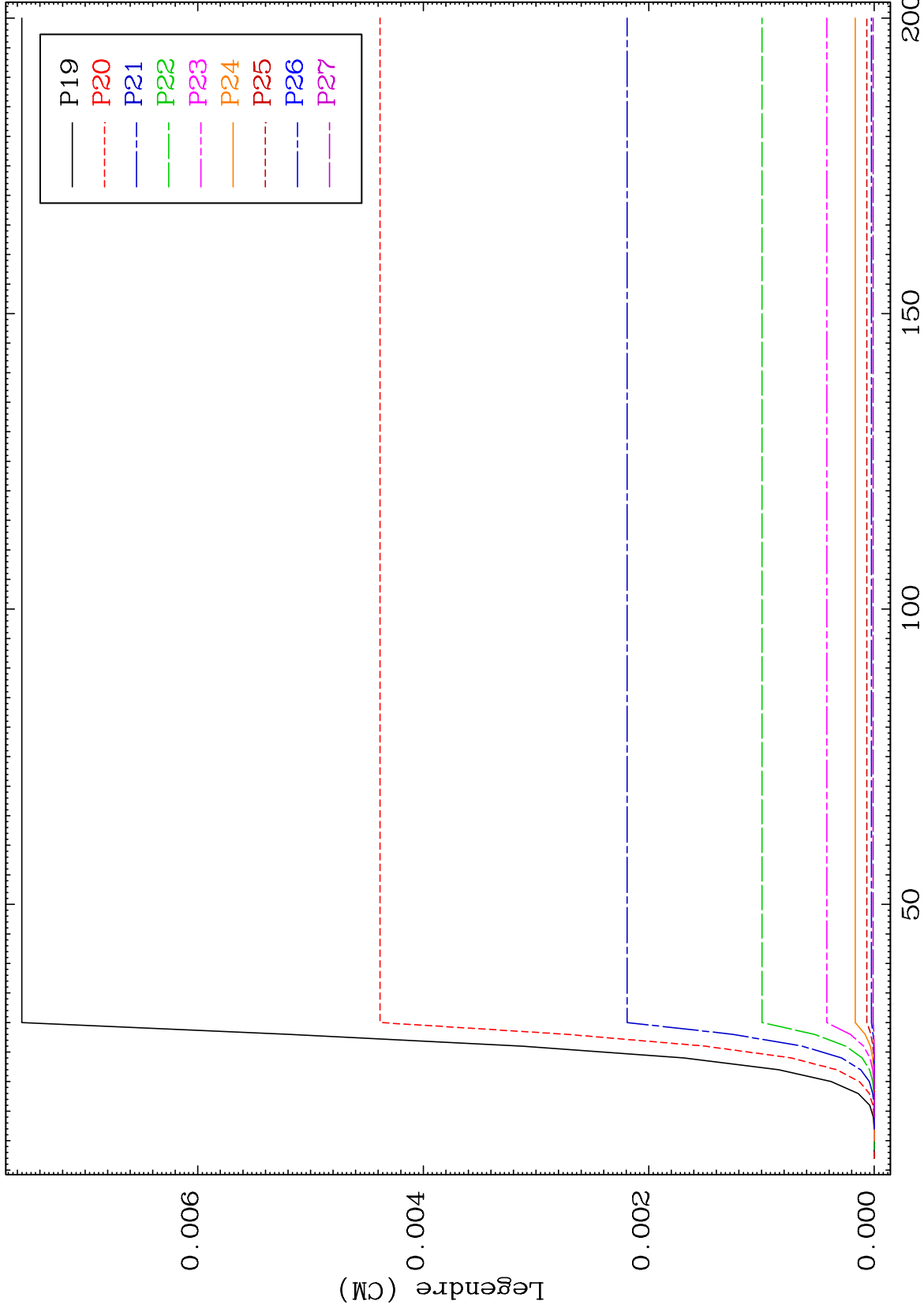
53-I -119



44

Incident Energy (MeV)

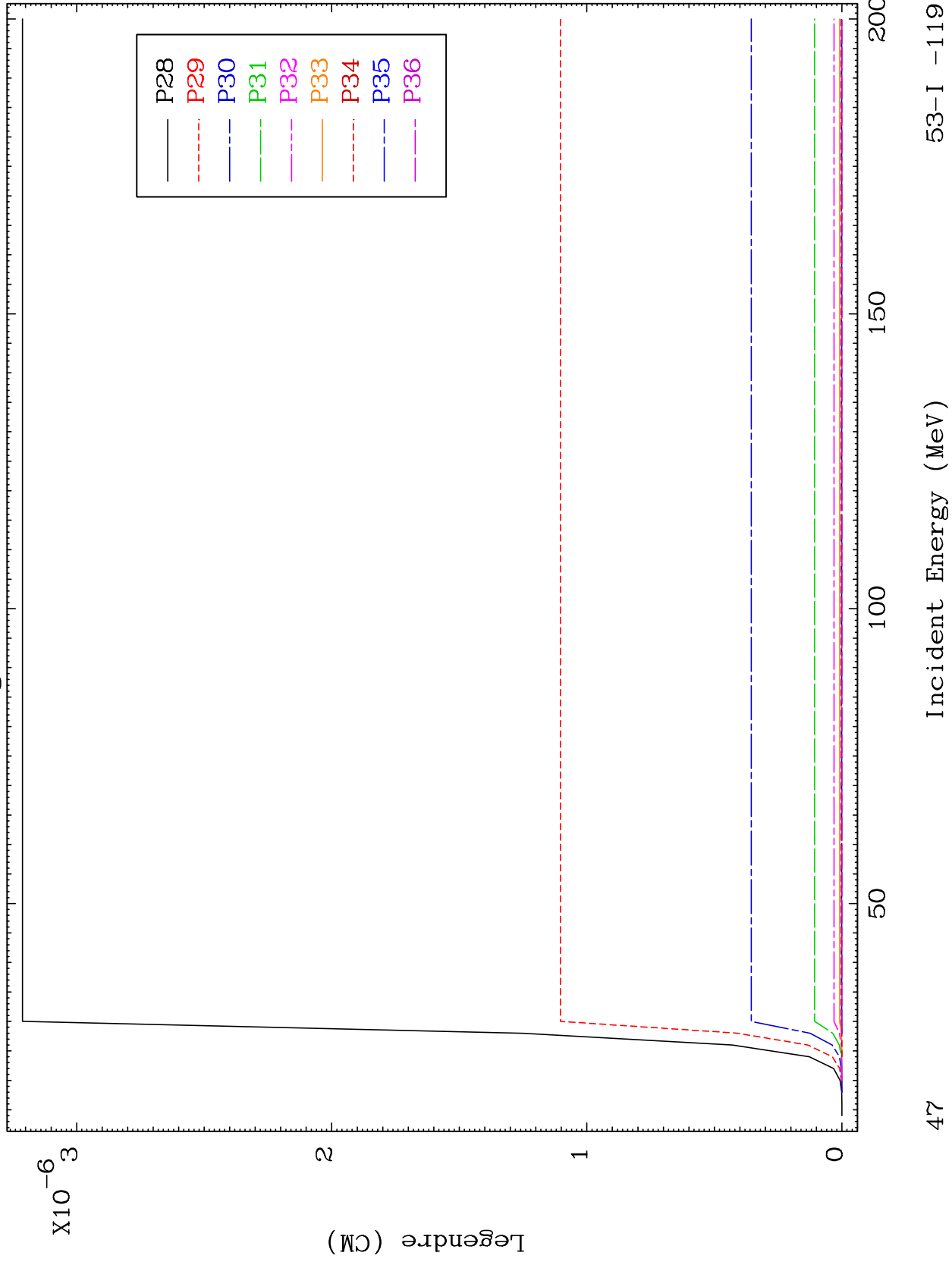
53-I -119



MAT 5301

536.2 keV (n,n') Level
Legendre Coefficients

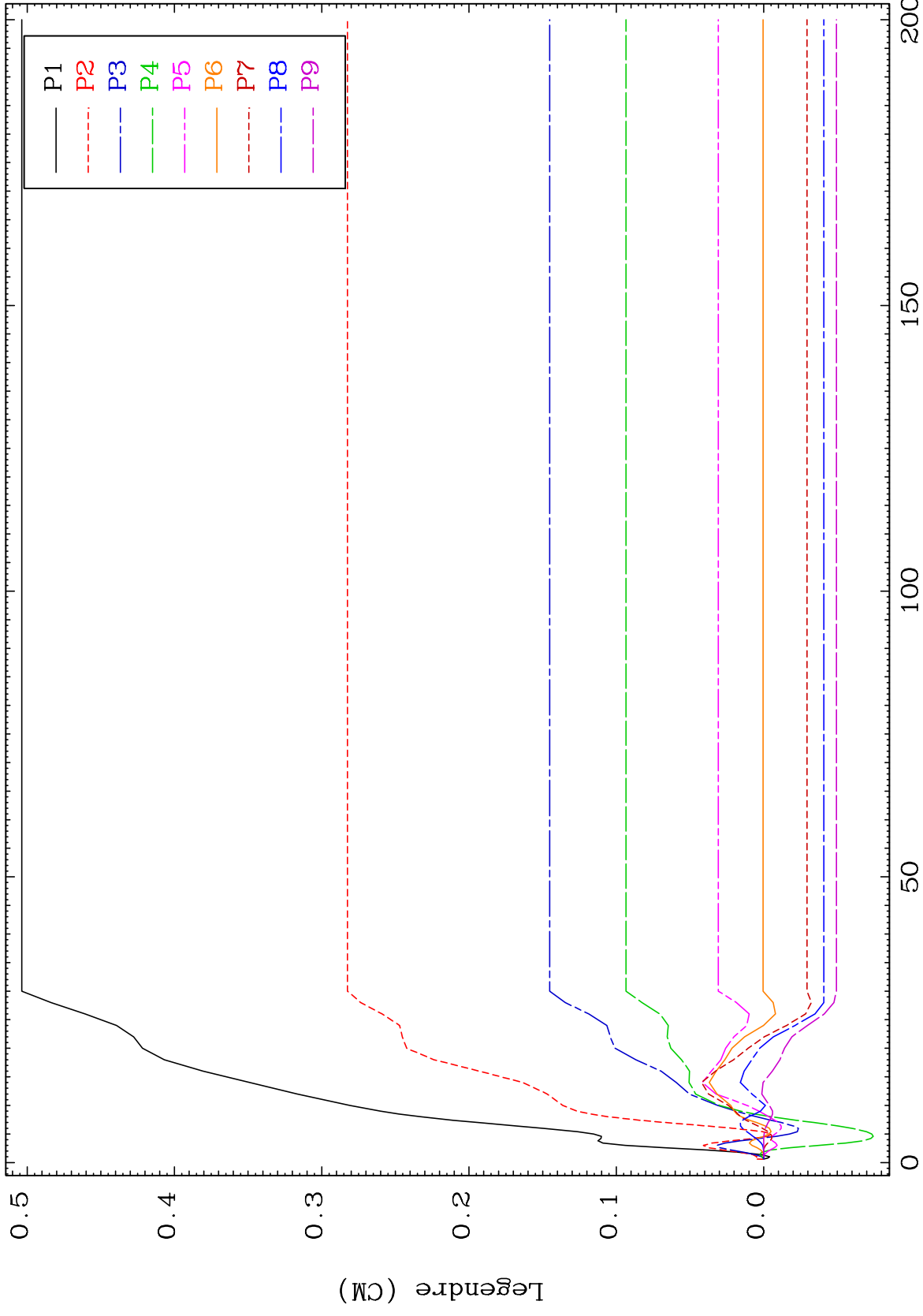
53-I -119



MAT 5301

557.0 keV (n,n') Level
Legendre Coefficients

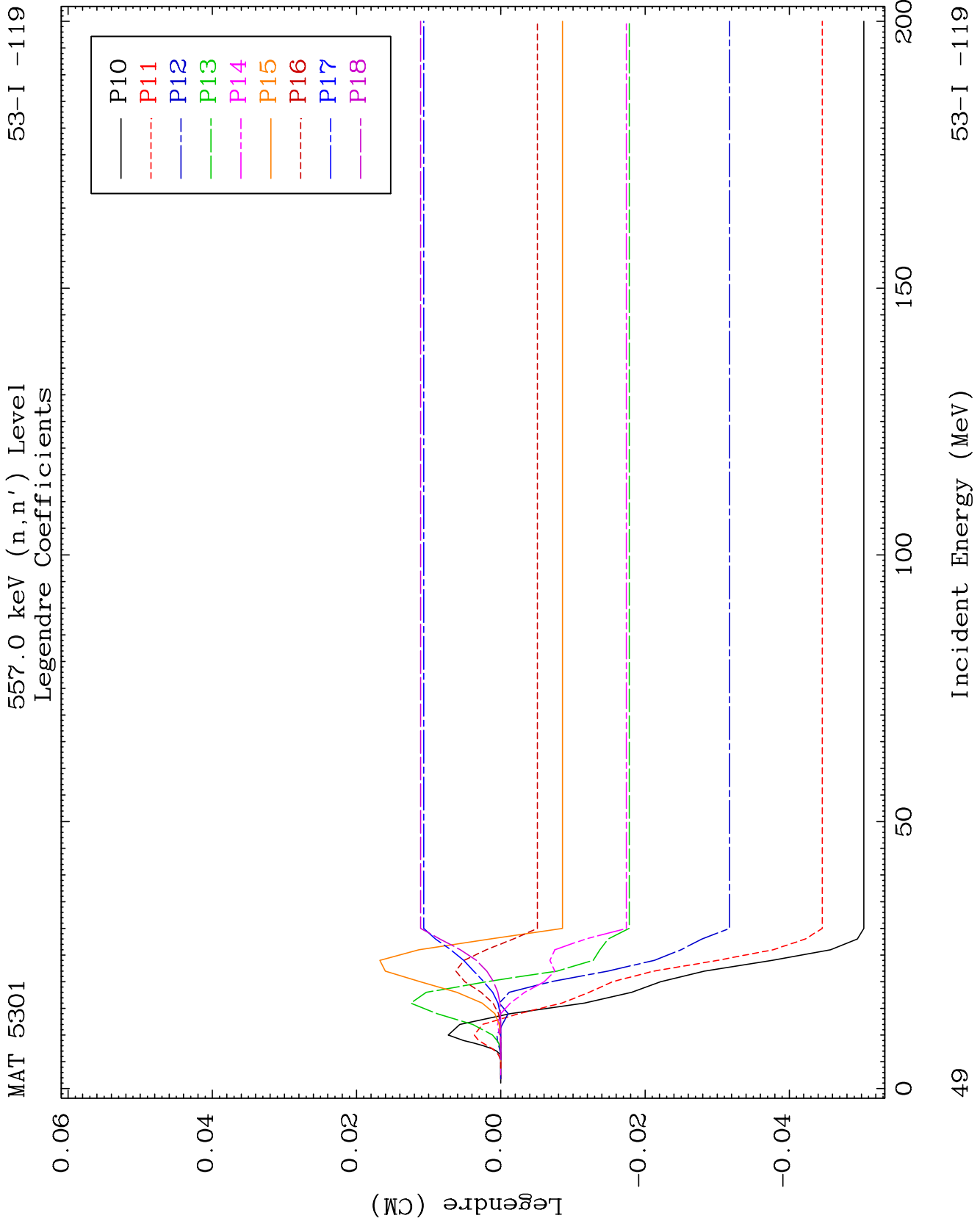
53-I -119



48

Incident Energy (MeV)

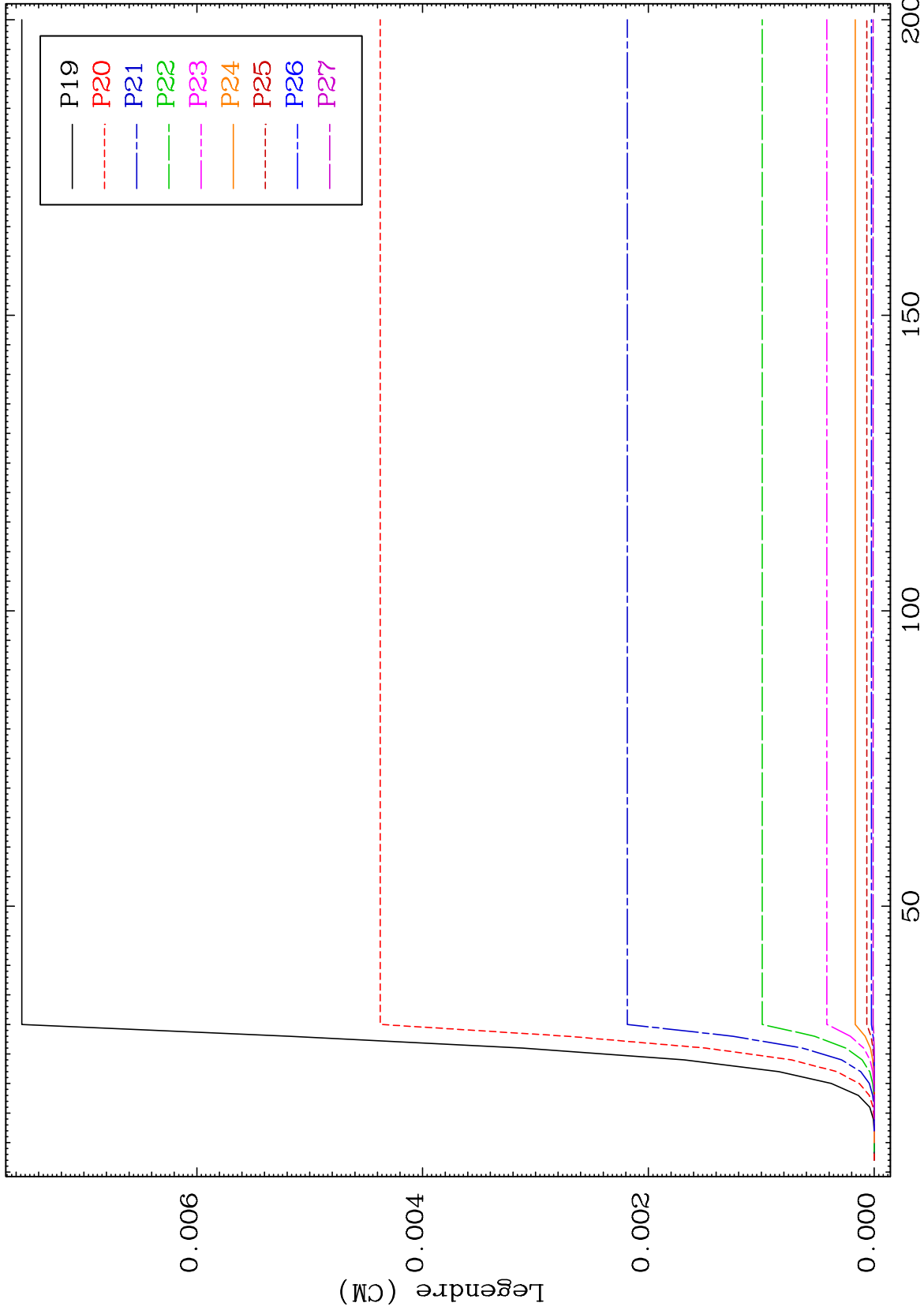
53-I -119



MAT 5301

557.0 keV (n,n') Level
Legendre Coefficients

53-I -119



50

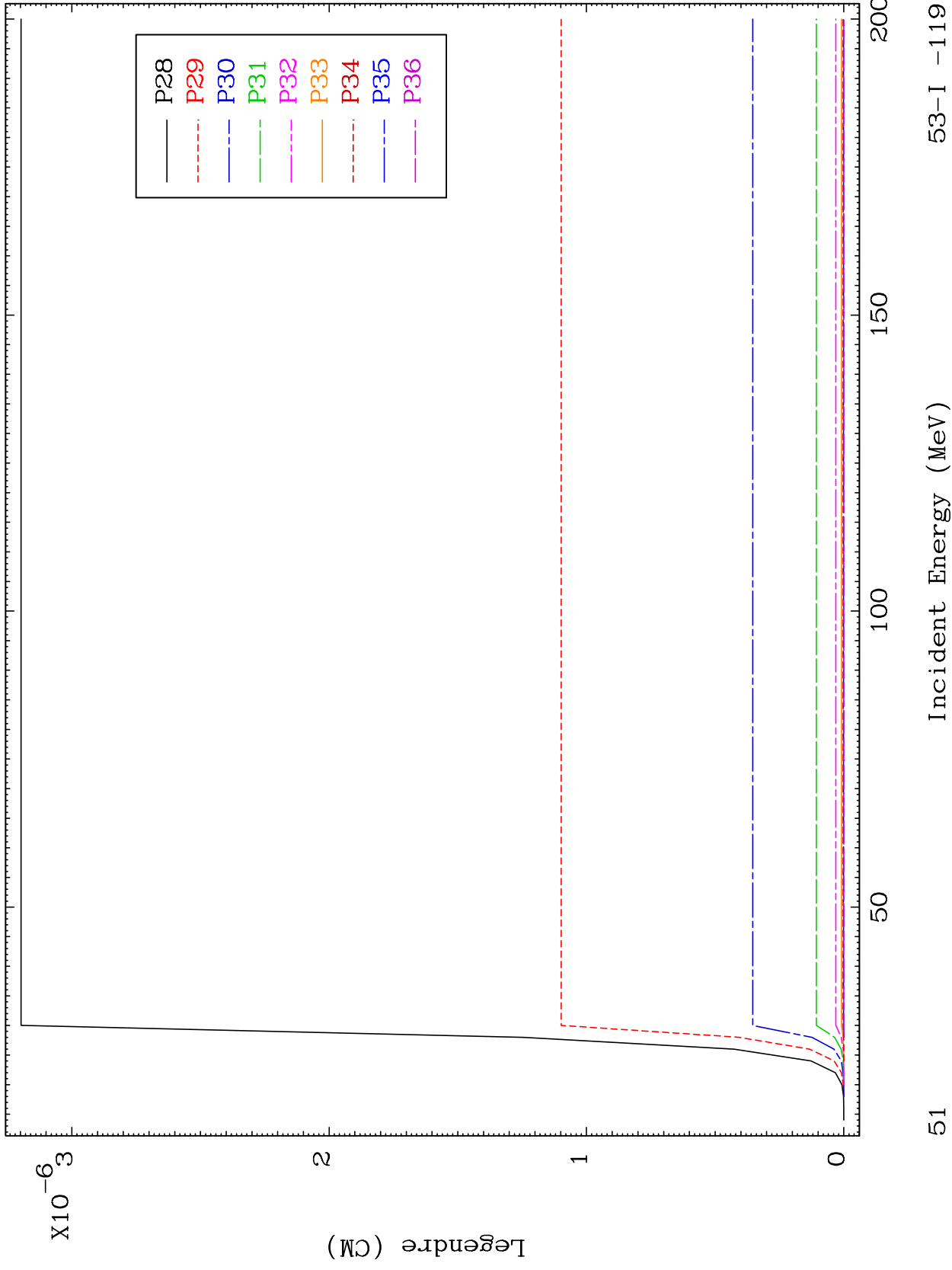
Incident Energy (MeV)

53-I -119

MAT 5301

557.0 keV (n,n') Level
Legendre Coefficients

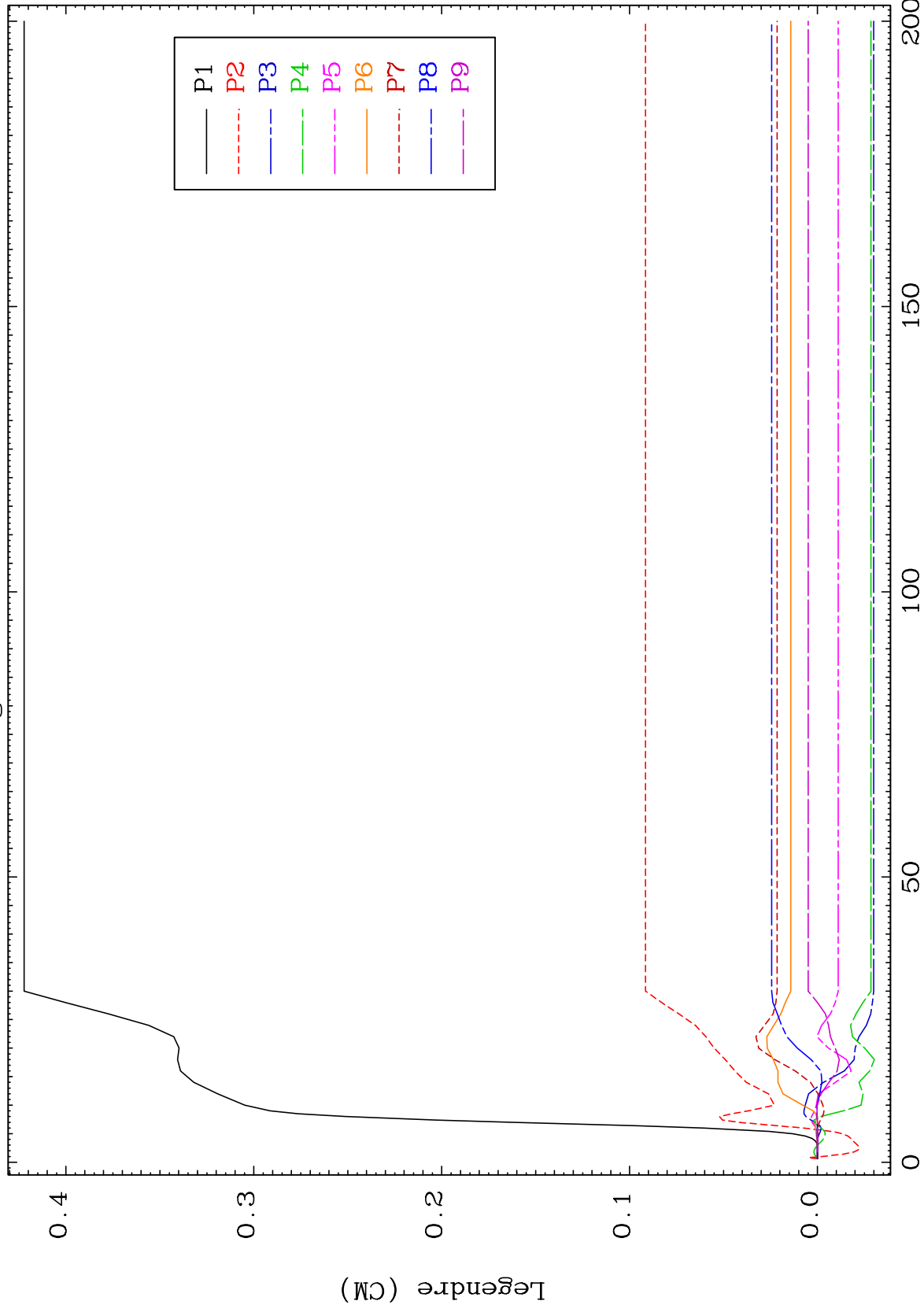
53-I -119



51

Incident Energy (MeV)

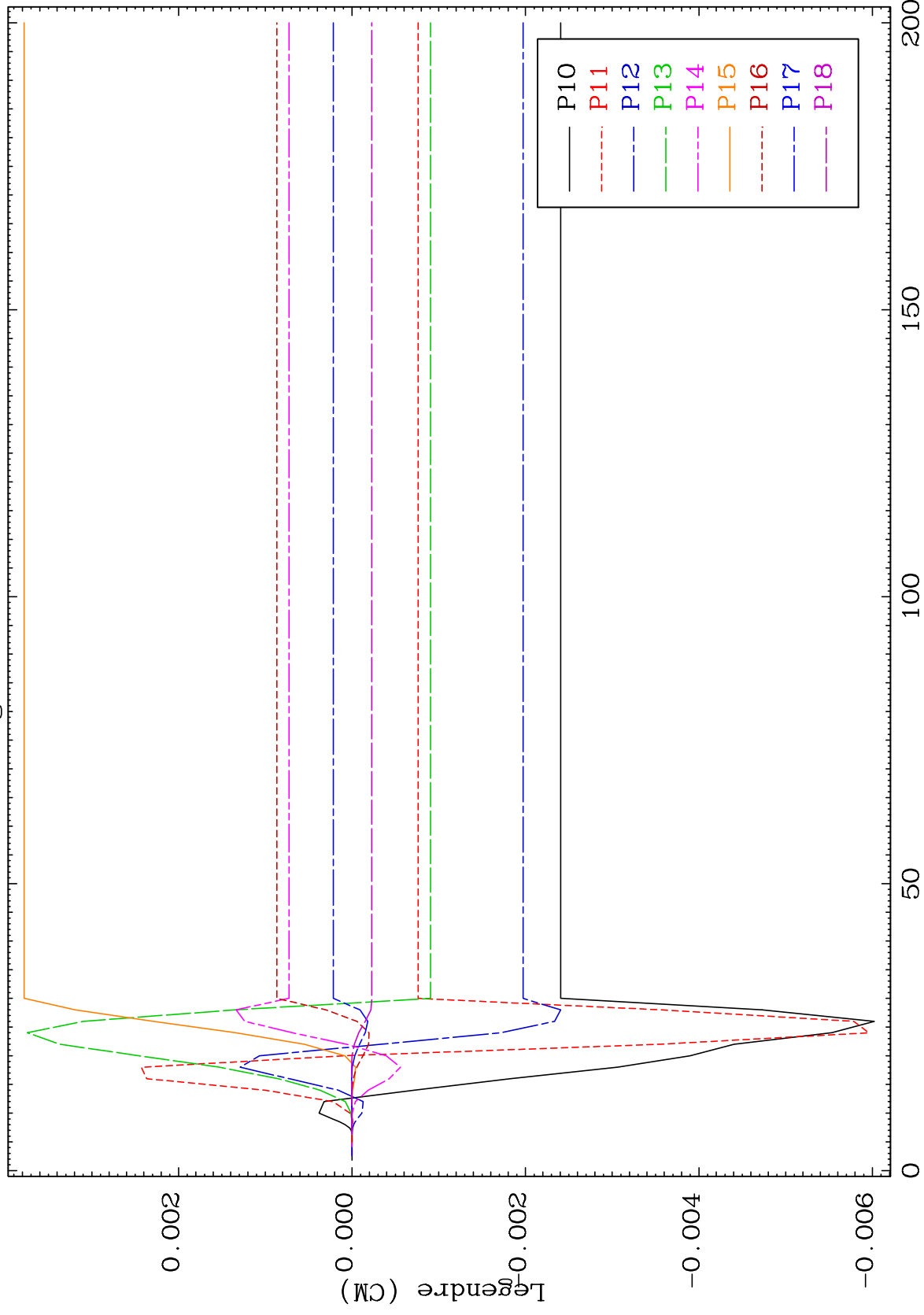
53-I -119



MAT 5301

601.2 keV (n,n') Level
Legendre Coefficients

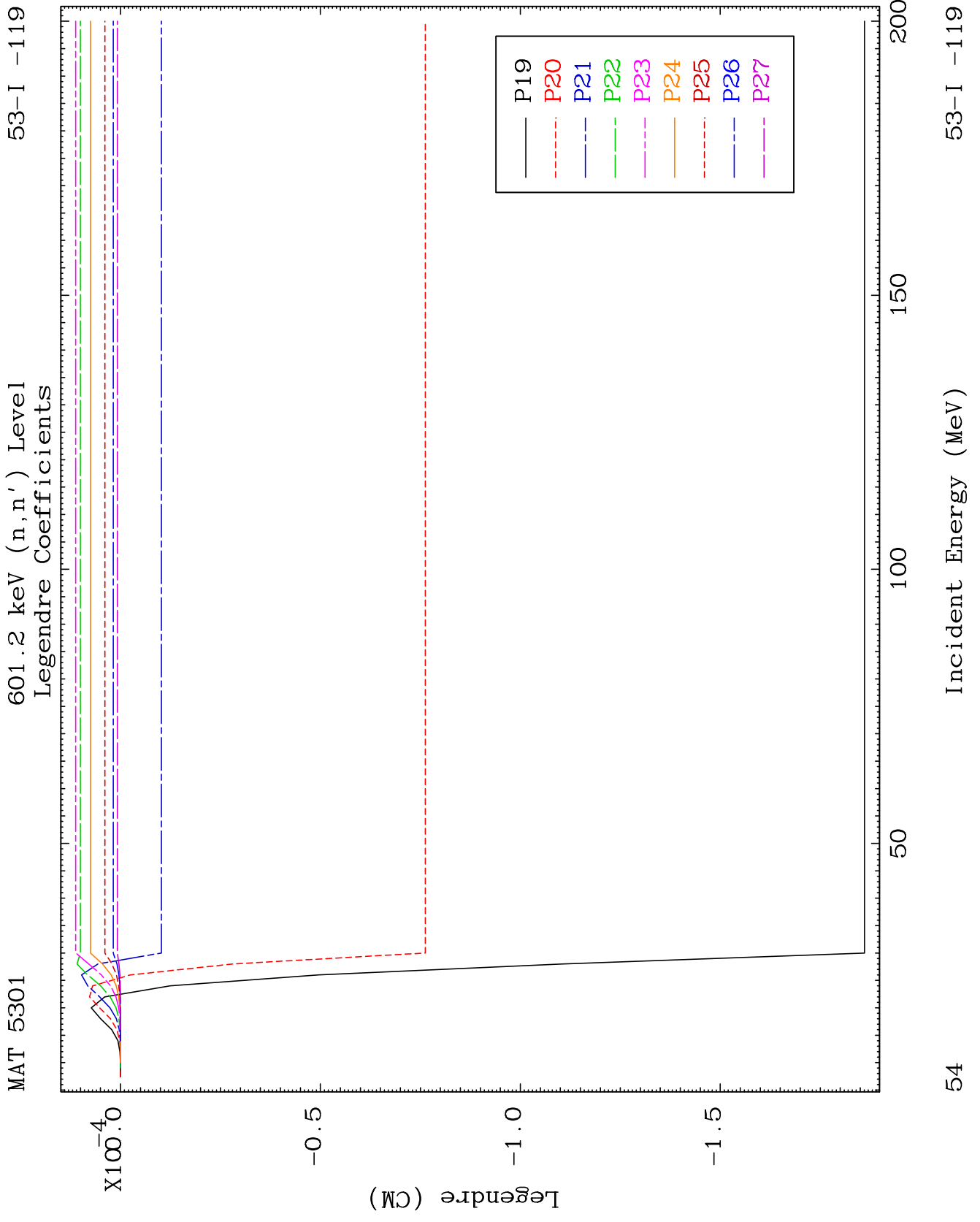
53-I -119



53

Incident Energy (MeV)

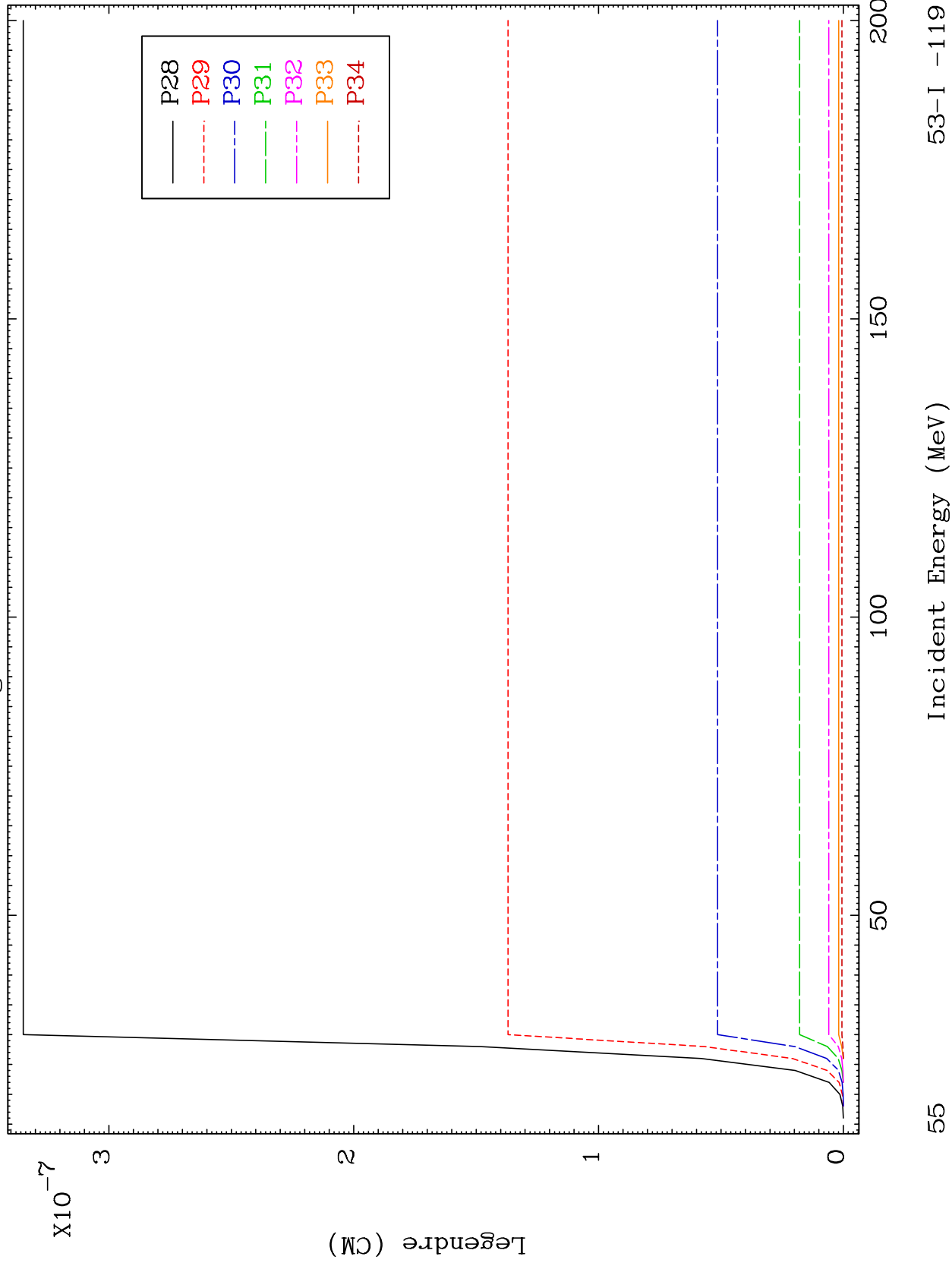
53-I -119



MAT 5301

601.2 keV (n,n') Level
Legendre Coefficients

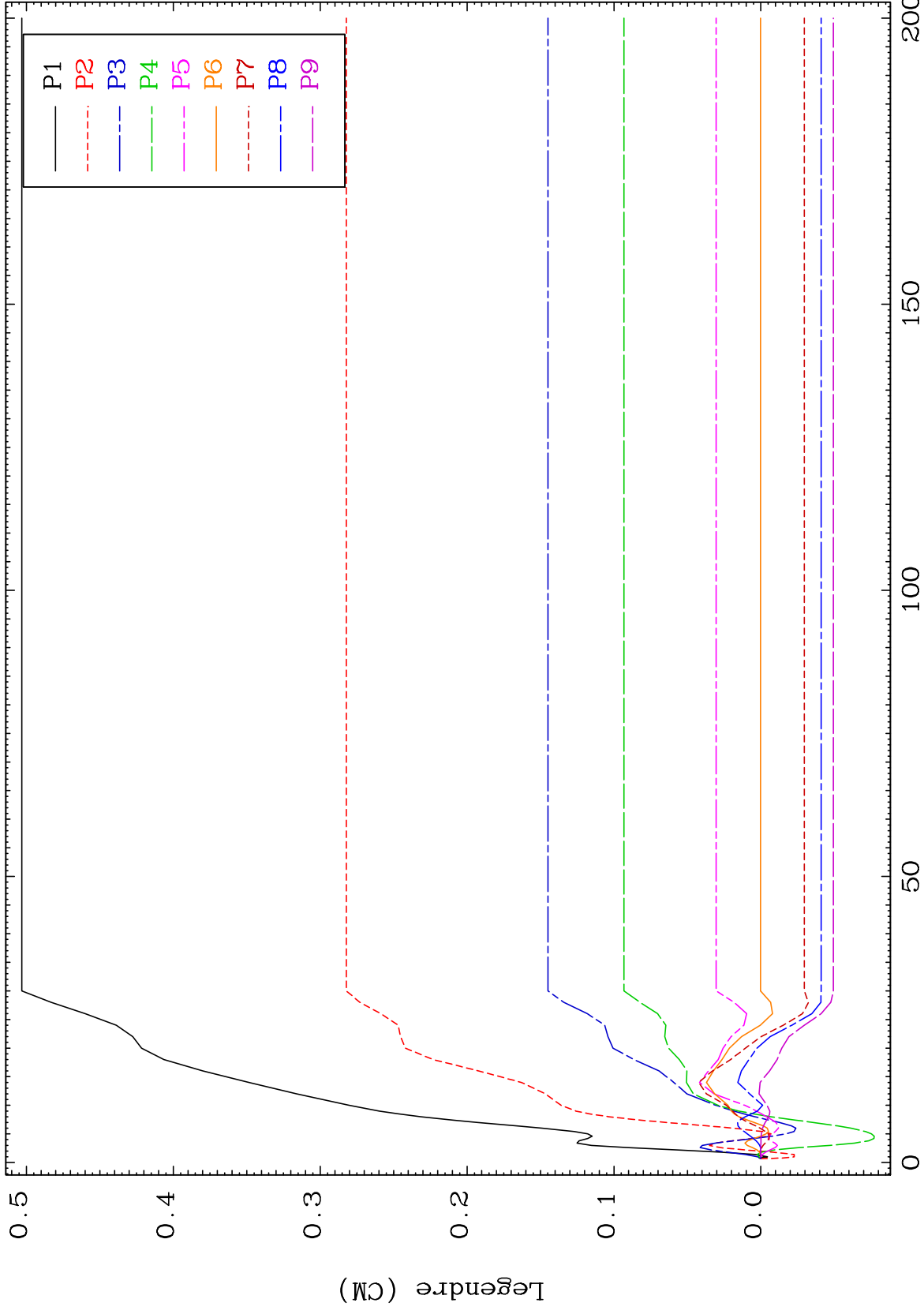
53-I -119

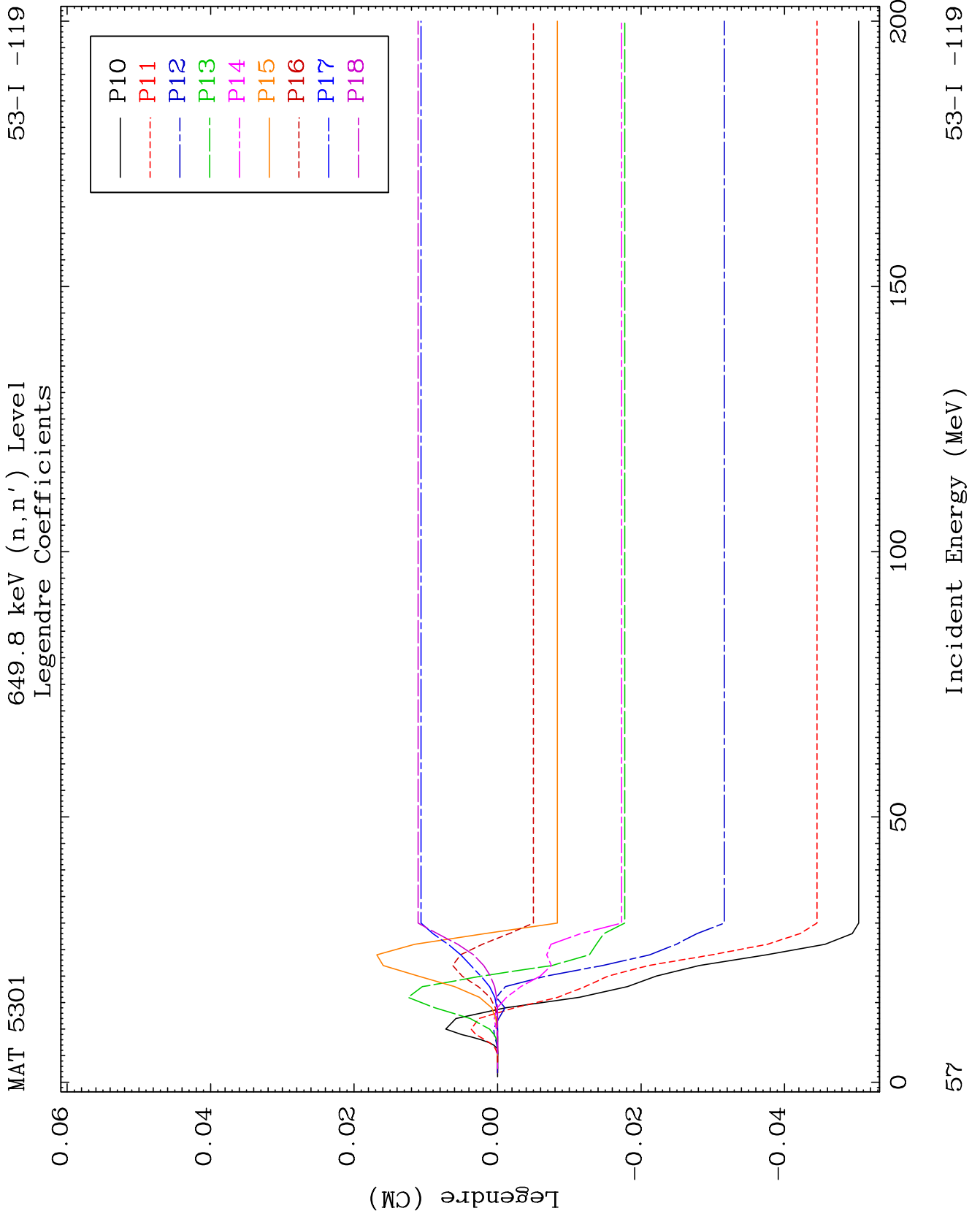


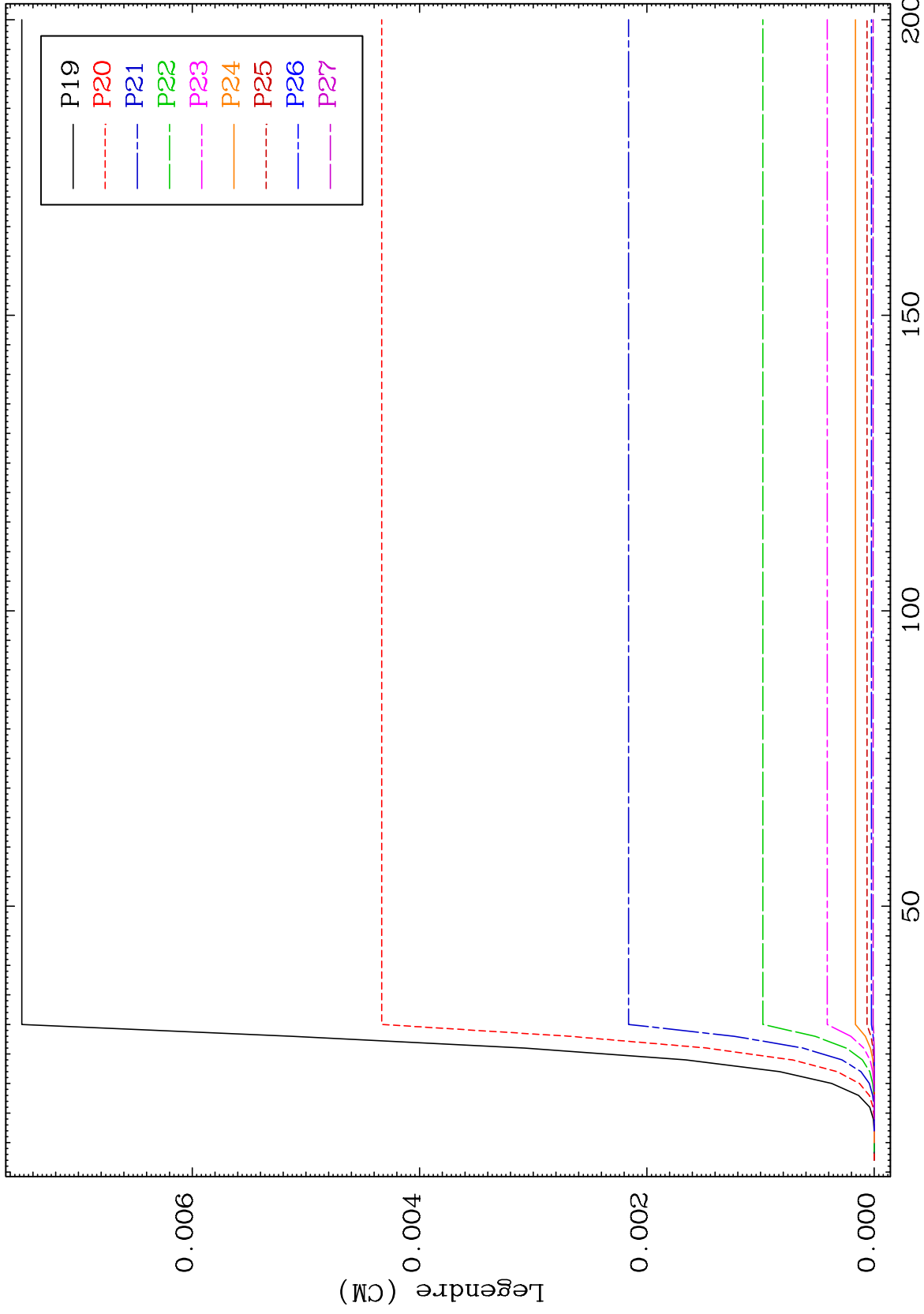
55

Incident Energy (MeV)

53-I -119



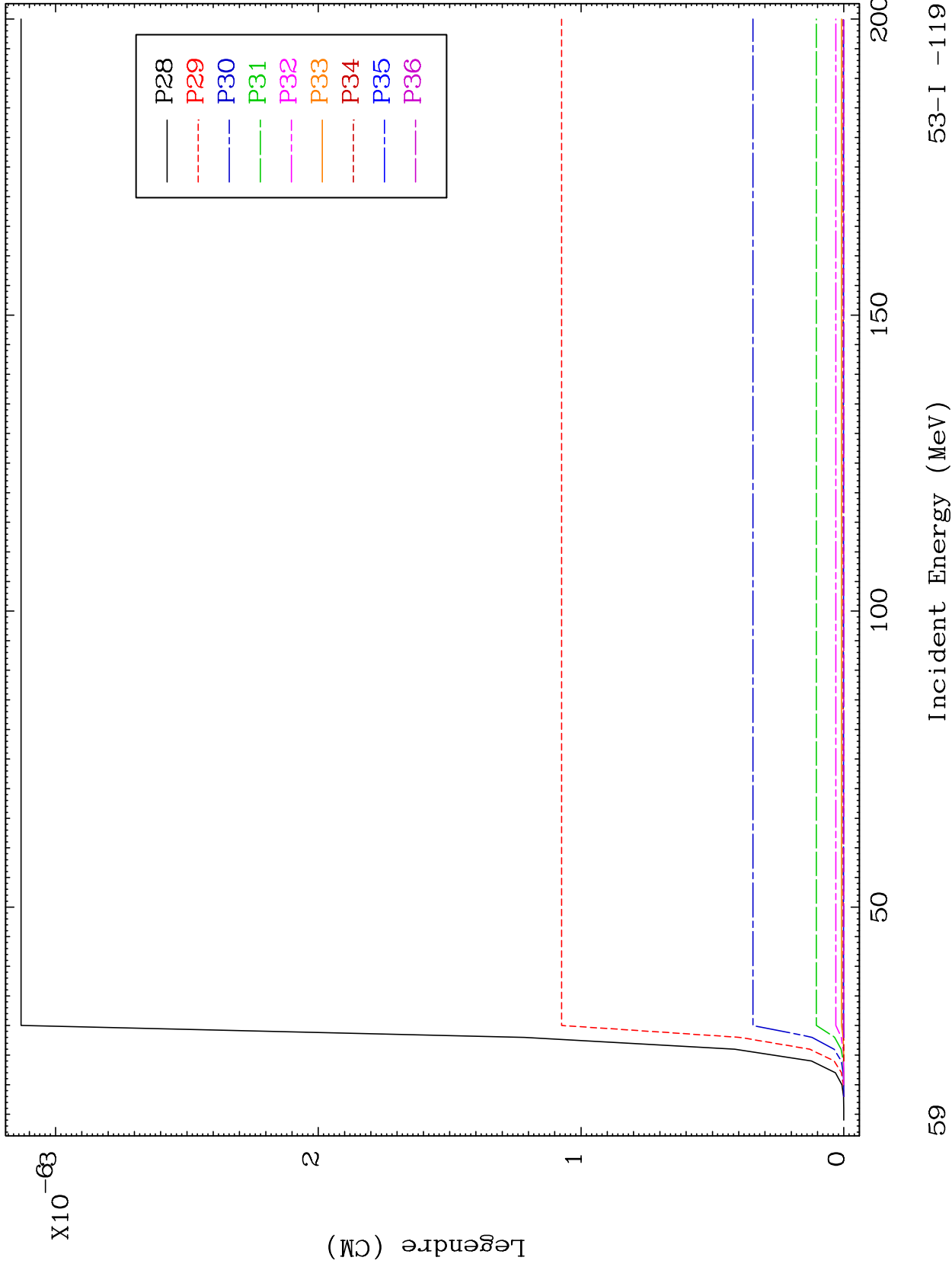




MAT 5301

649.8 keV (n,n') Level
Legendre Coefficients

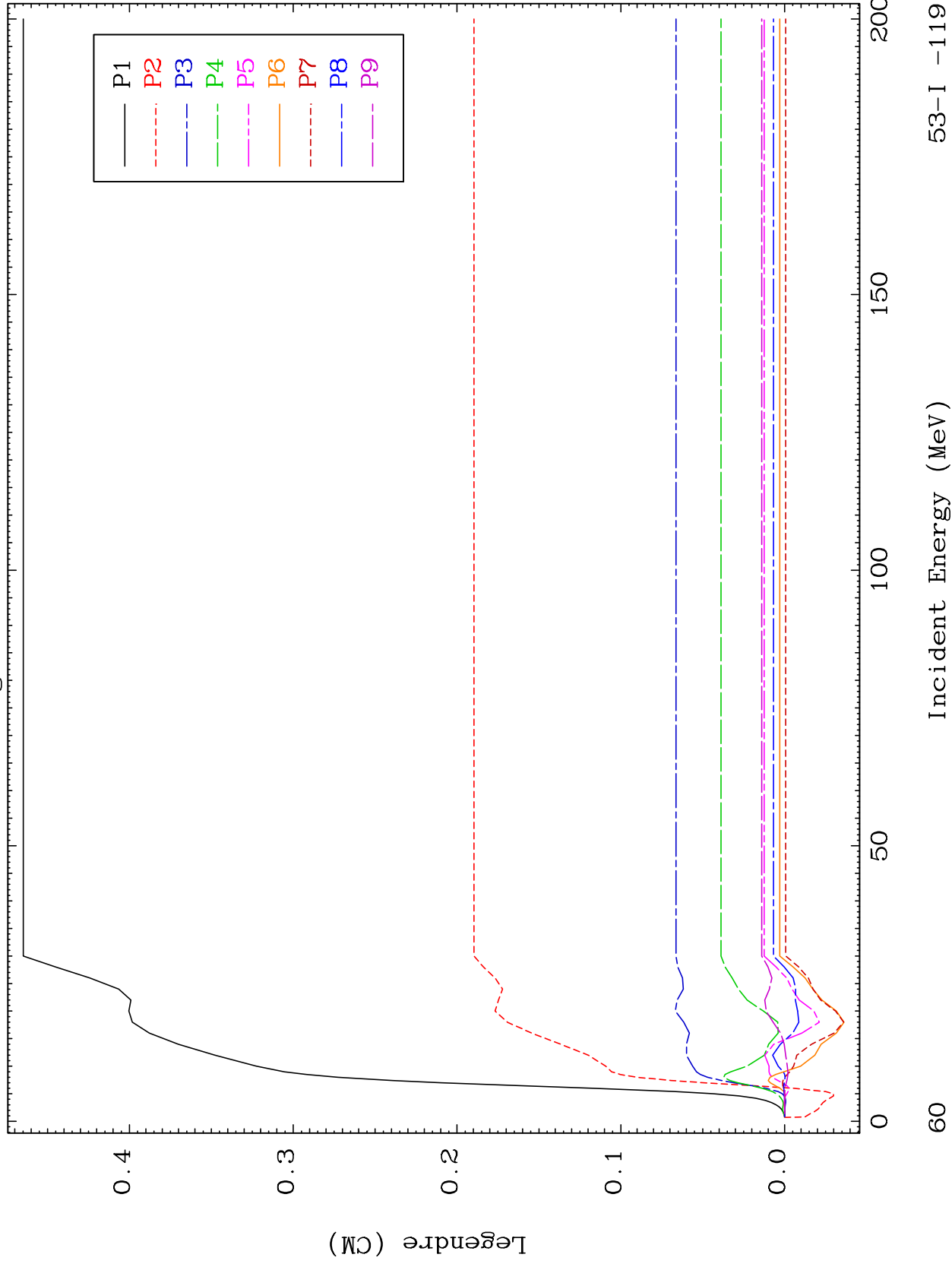
53-I -119



MAT 5301

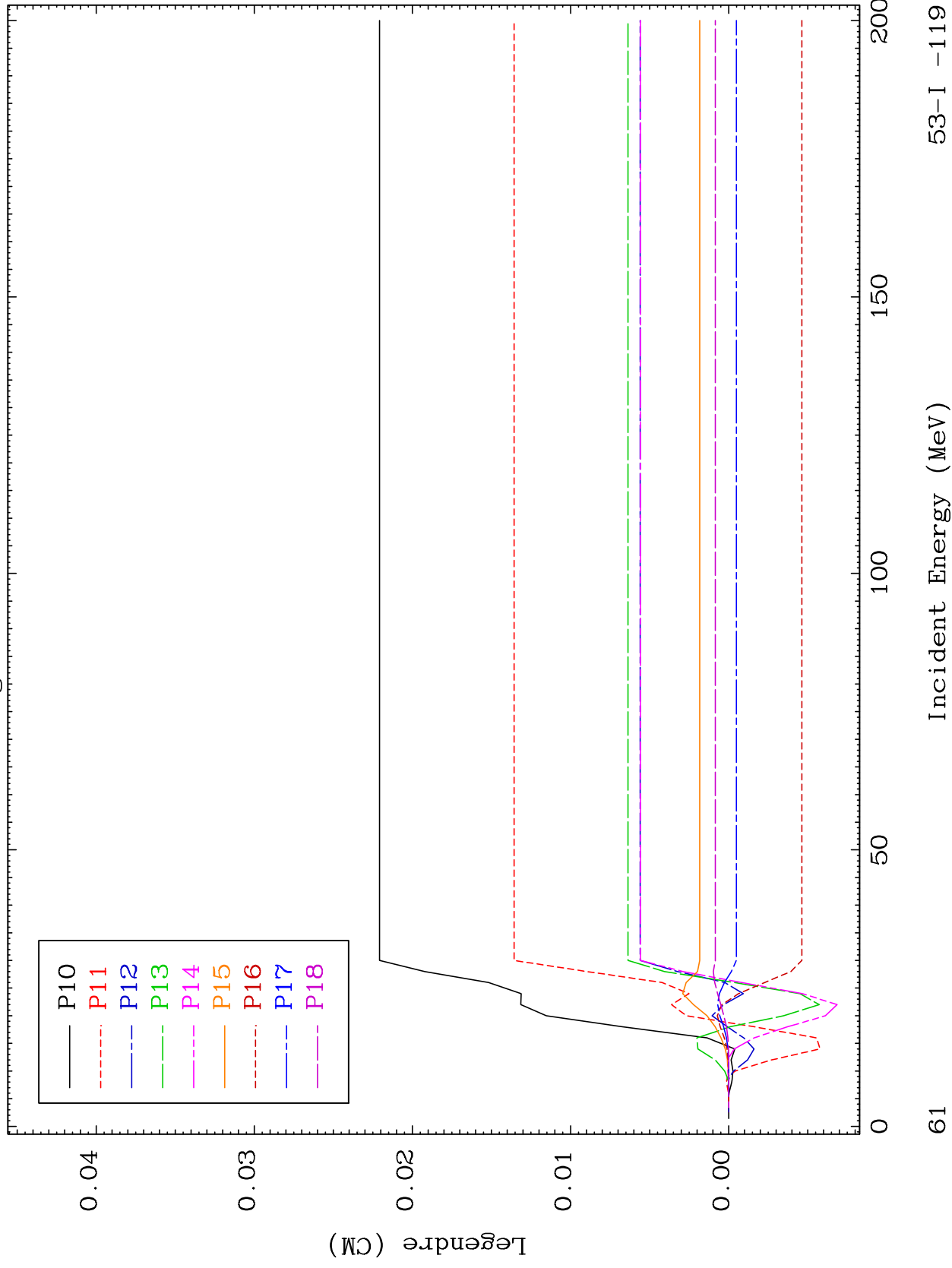
687.4 keV (n,n') Level
Legendre Coefficients

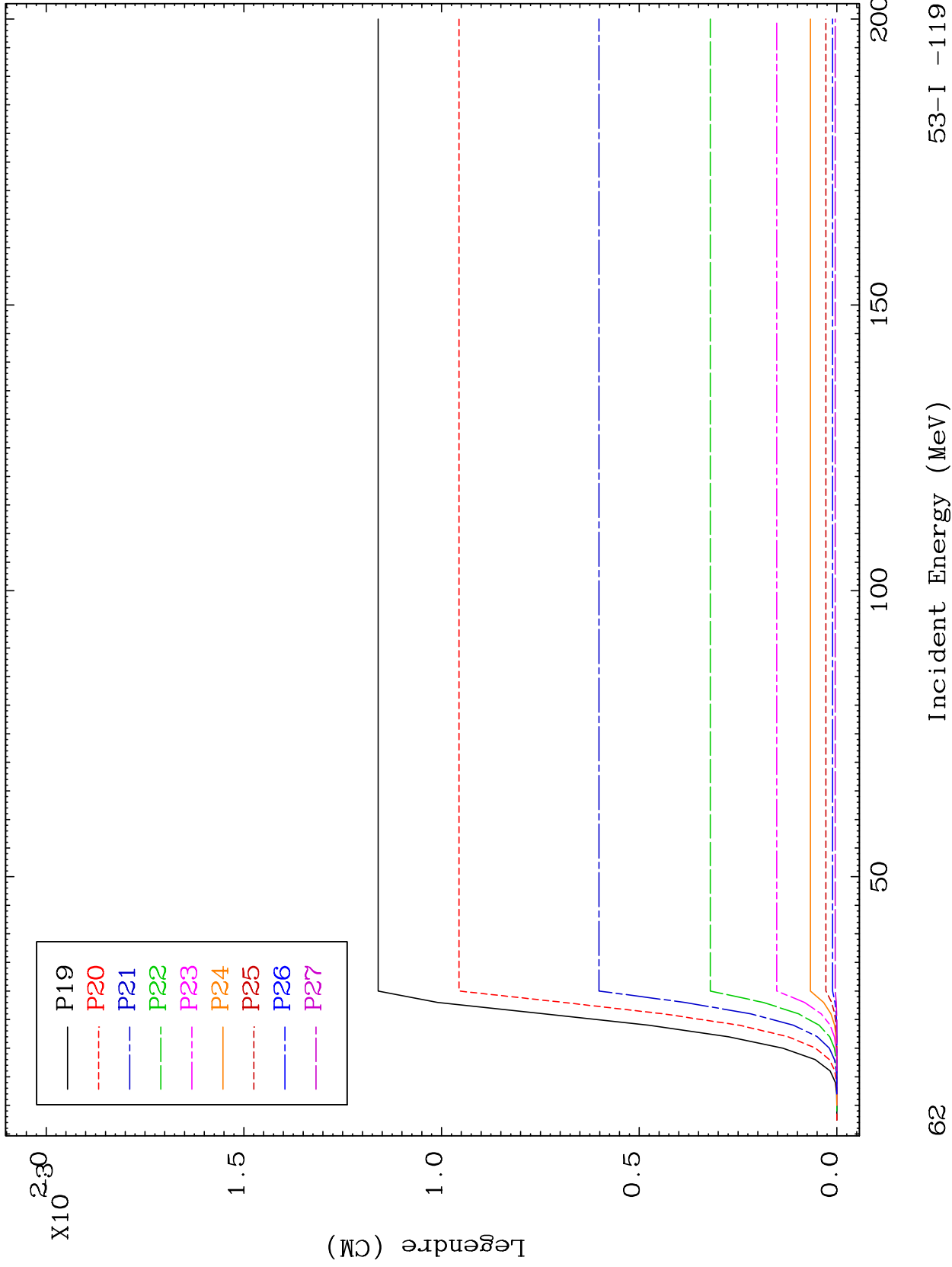
53-I -119

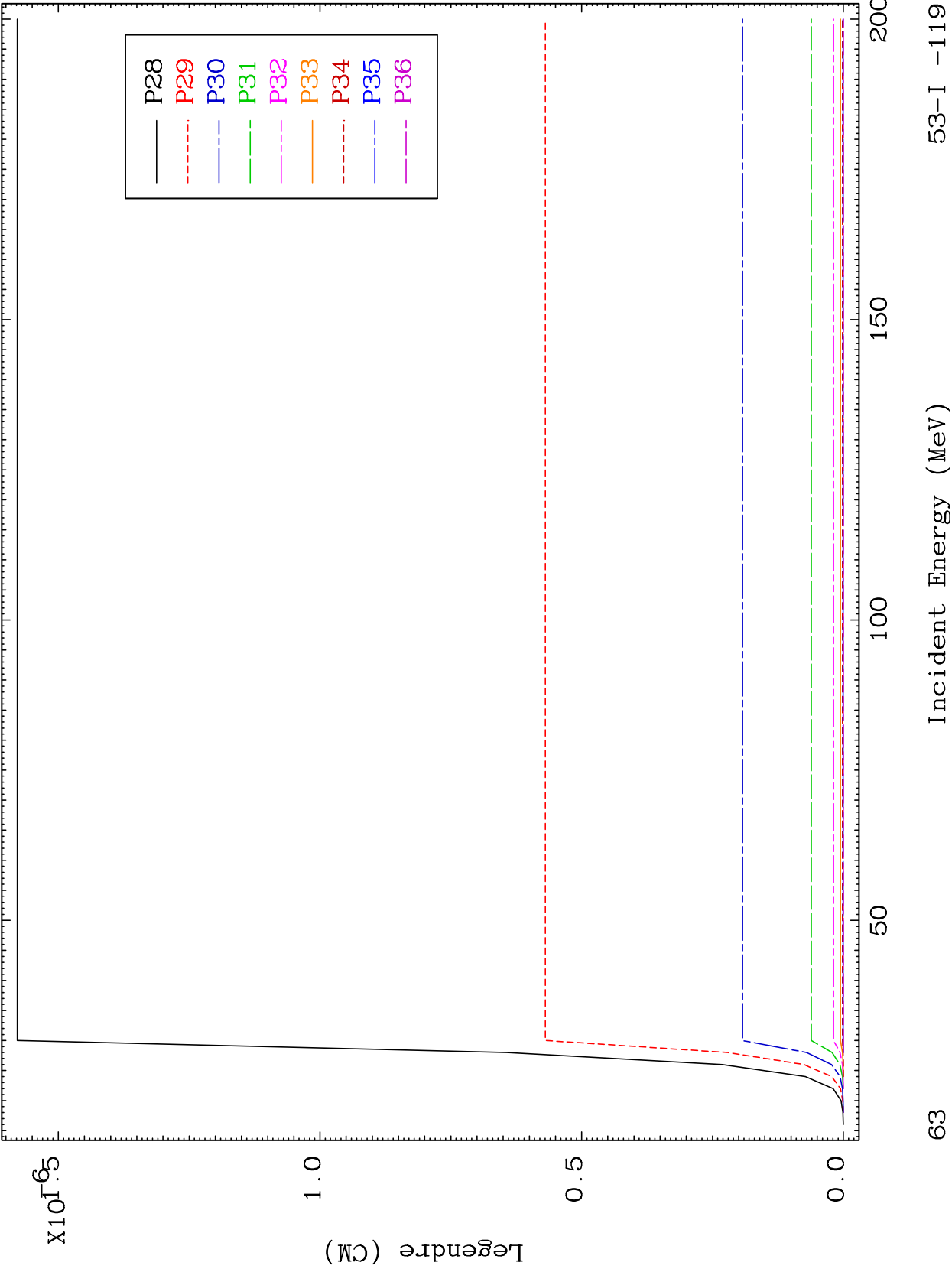


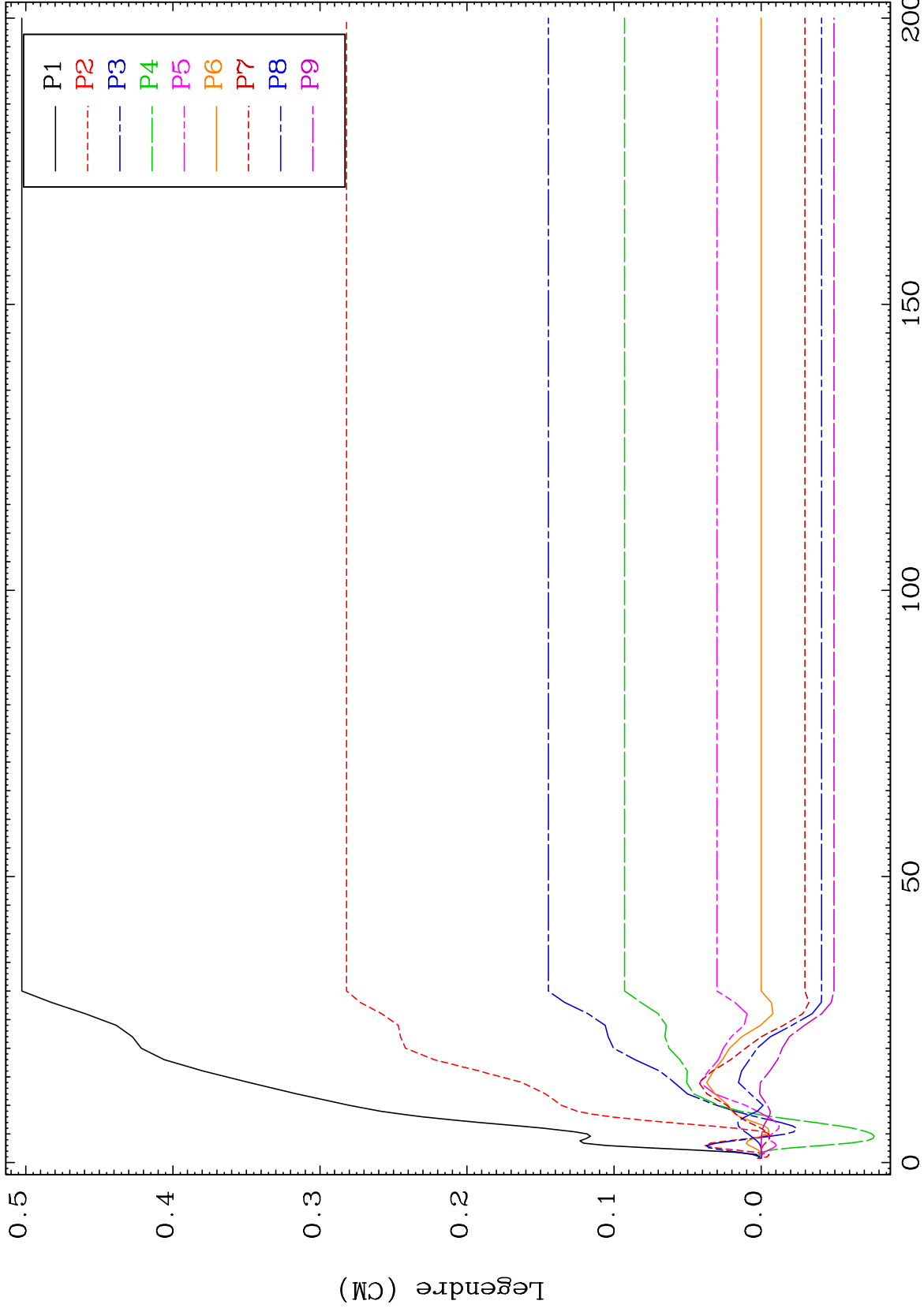
53-I -119

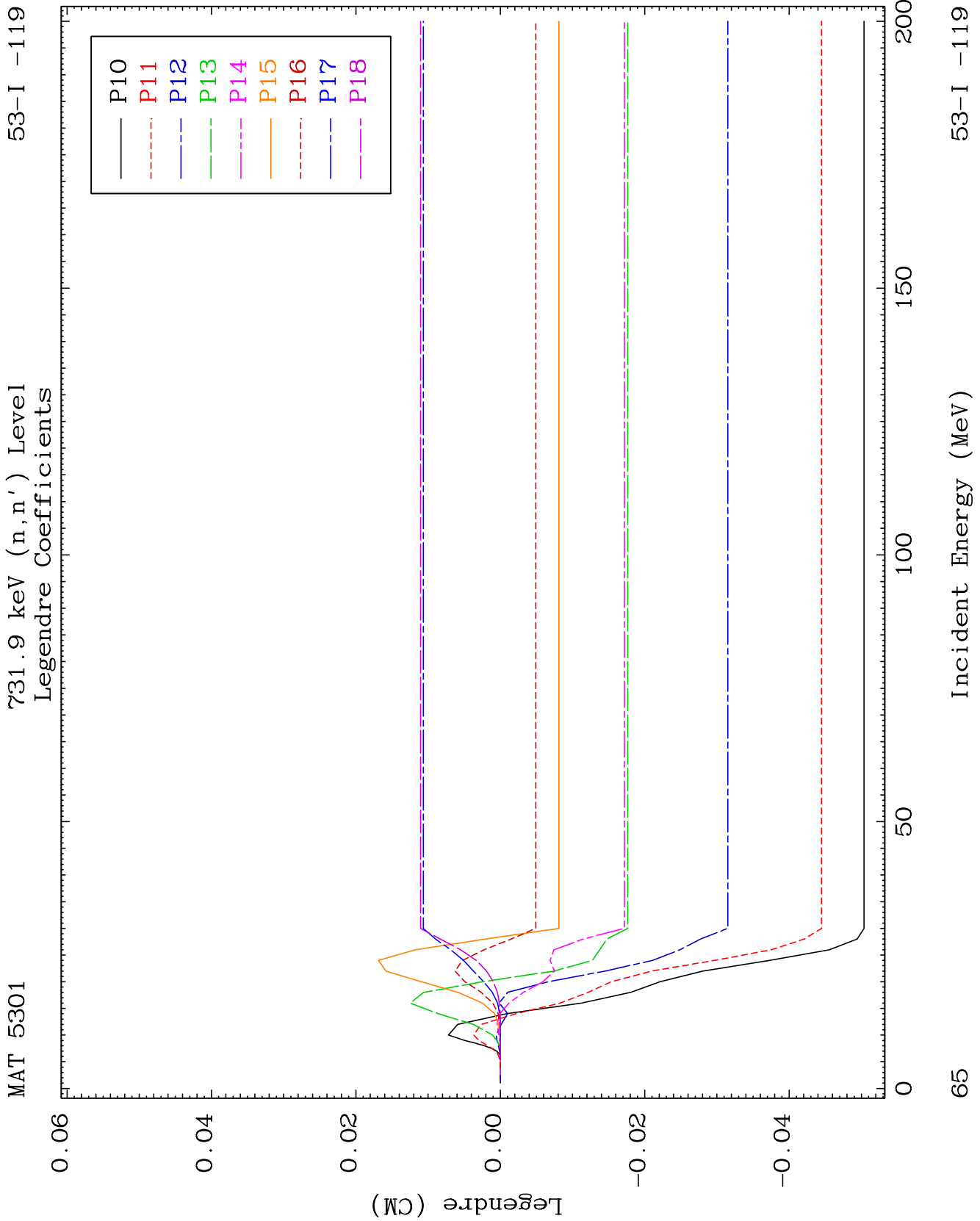
Incident Energy (MeV)

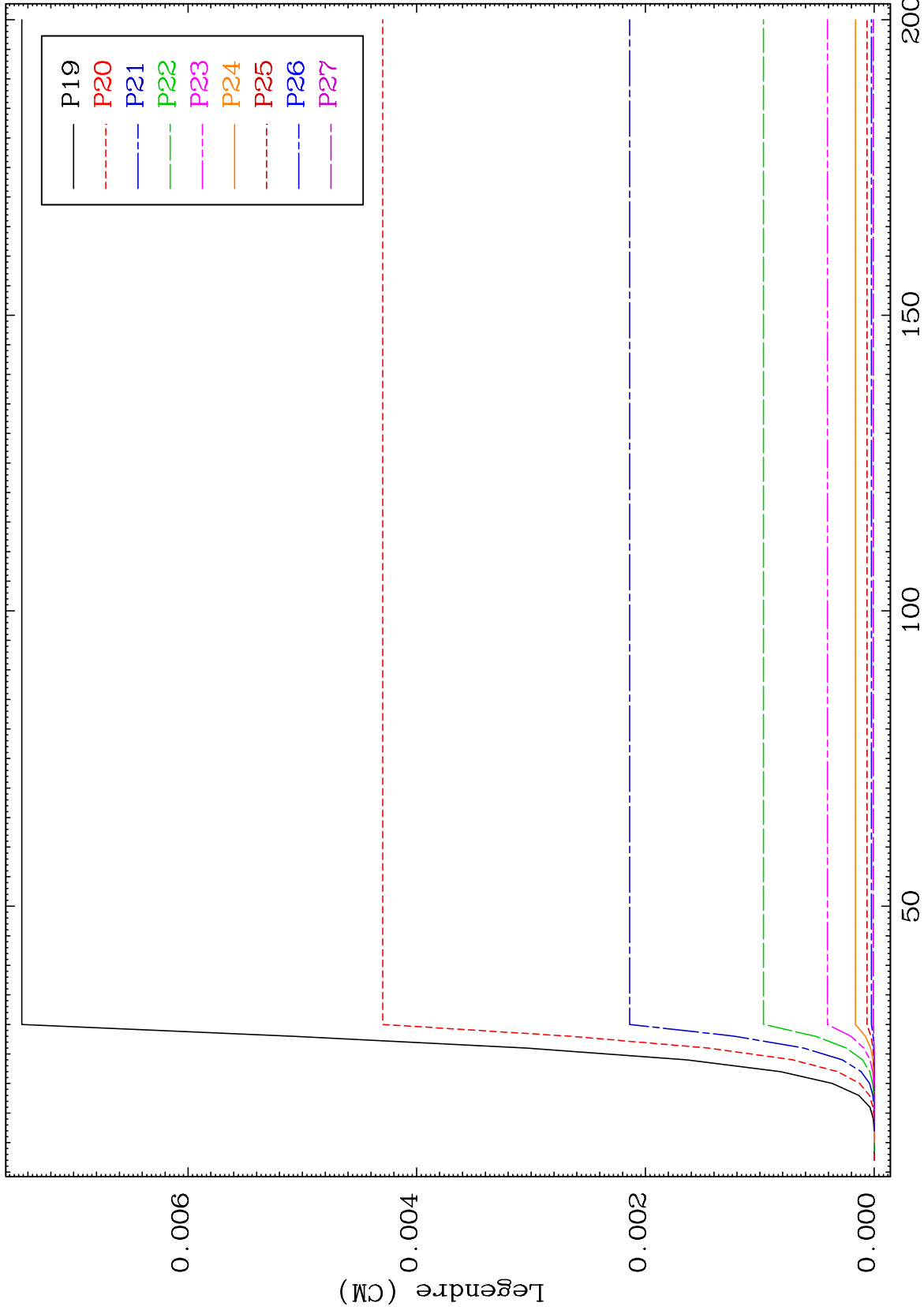








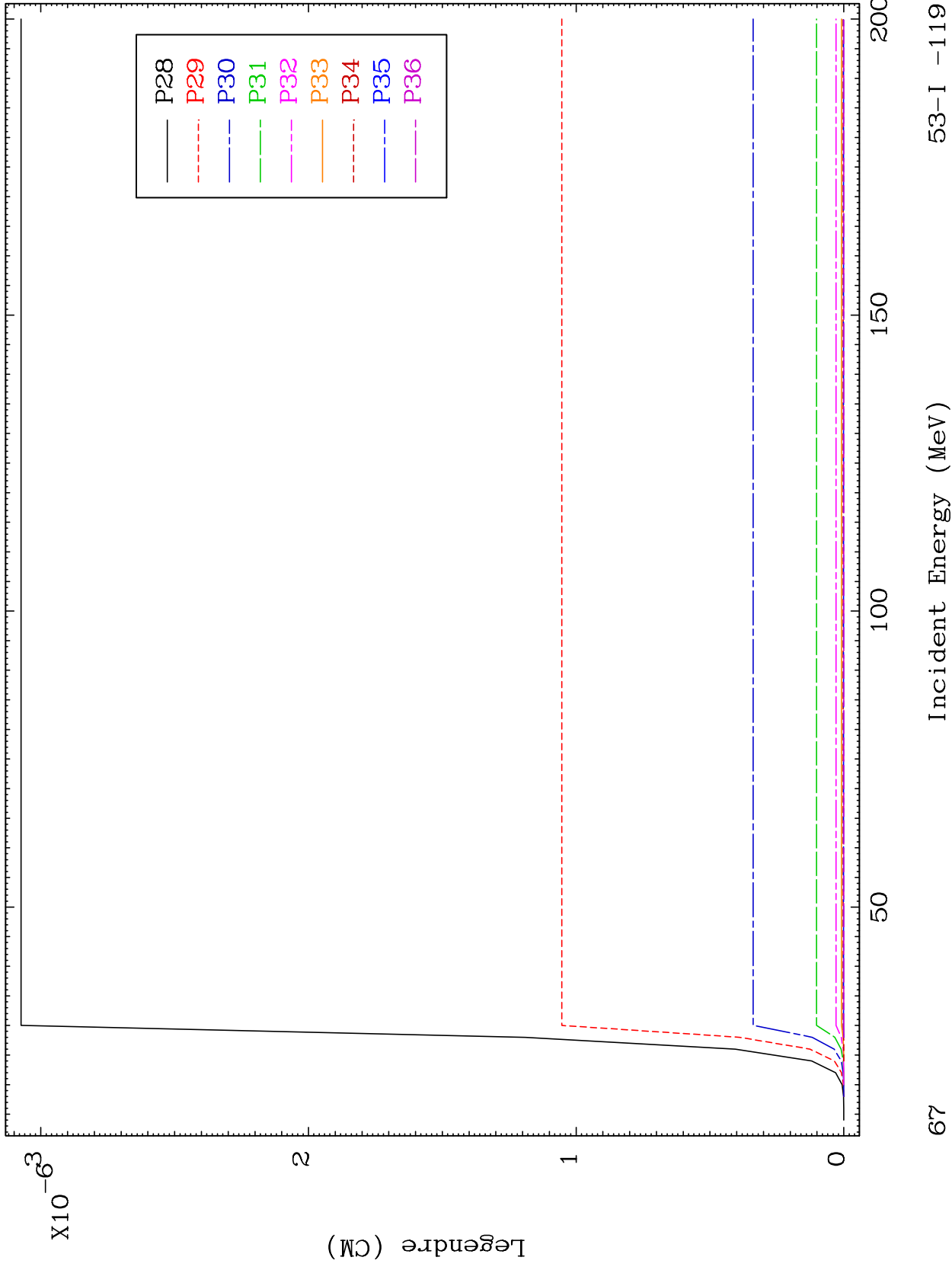


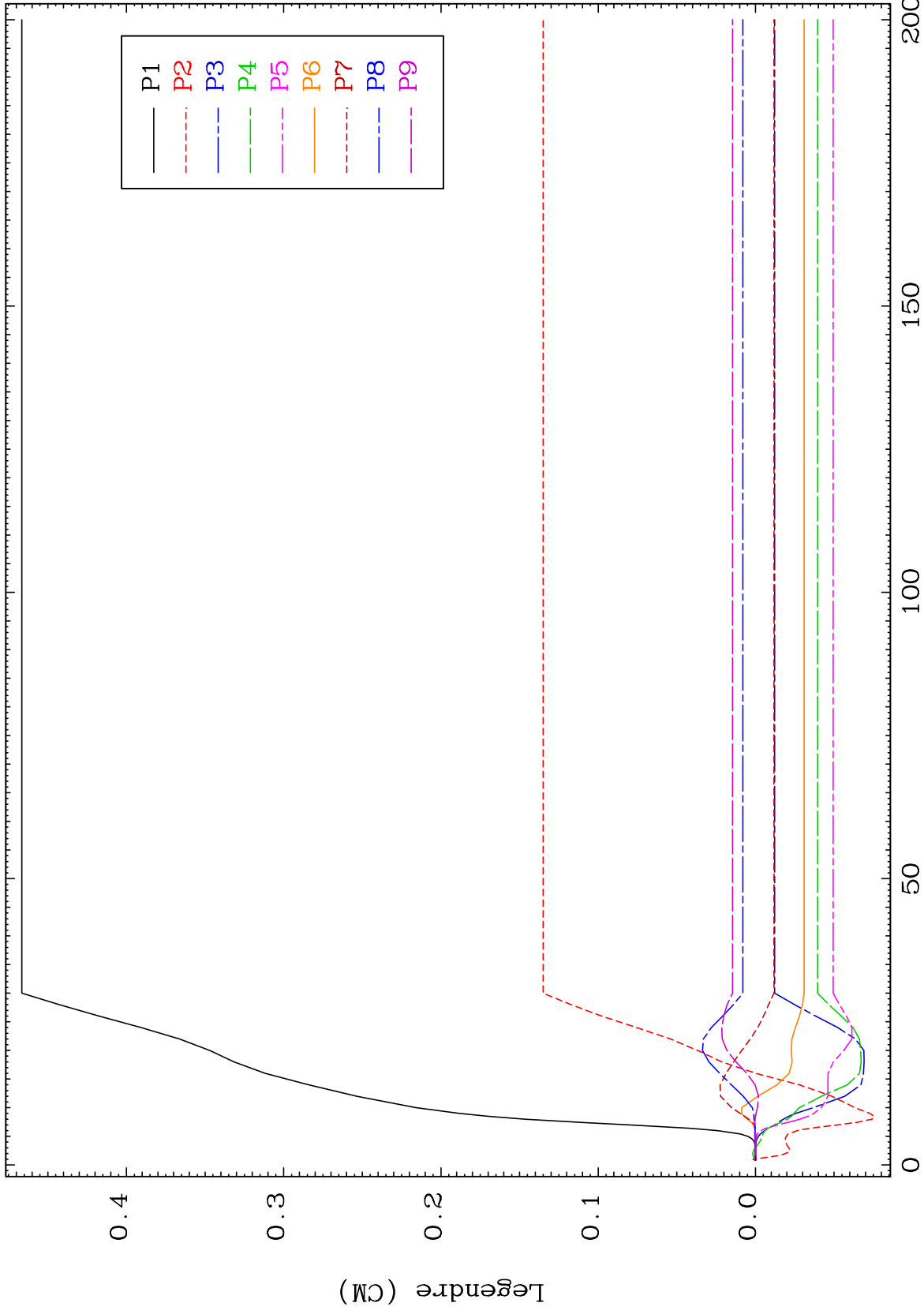


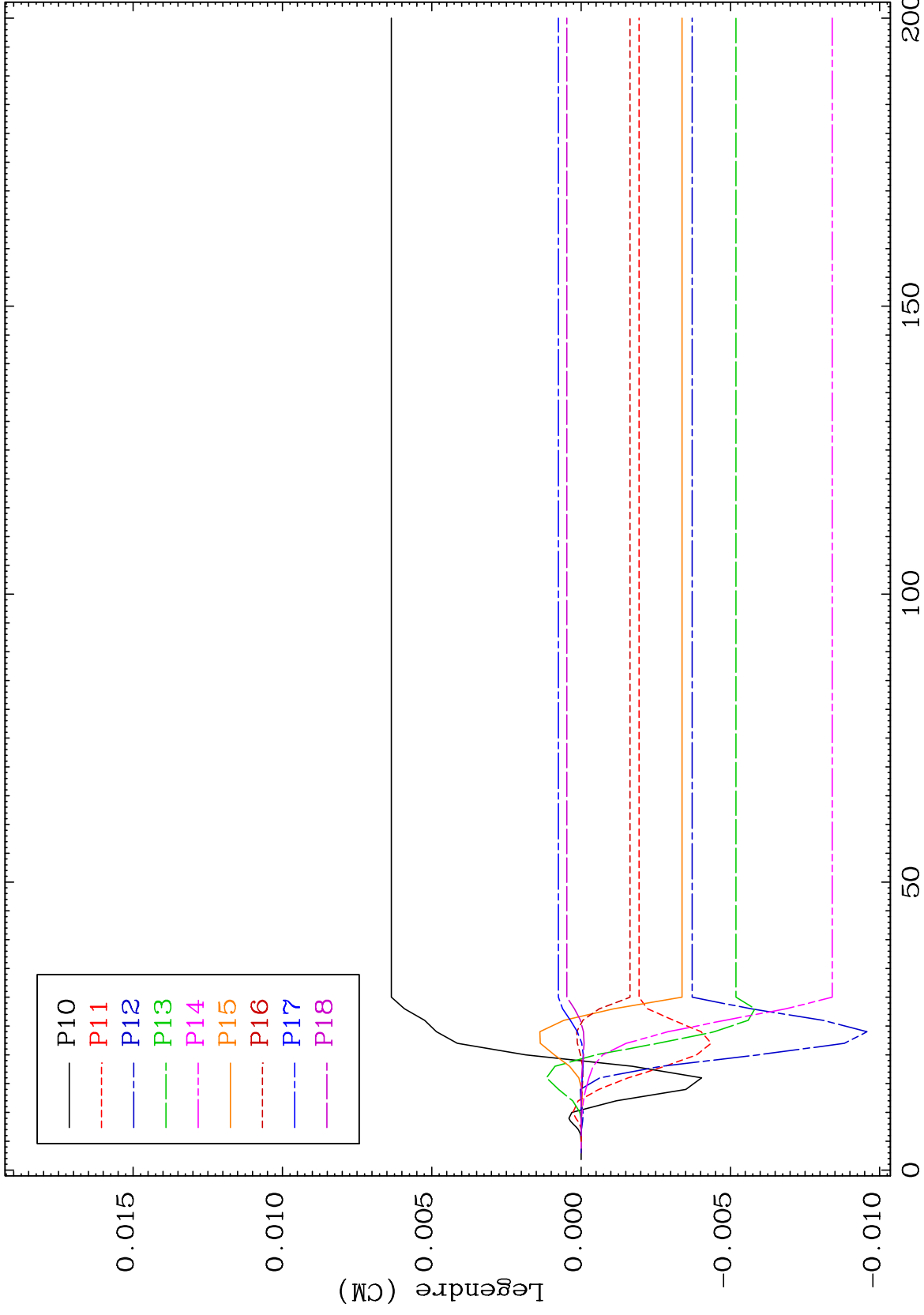
MAT 5301

731.9 keV (n,n') Level
Legendre Coefficients

53-I -119



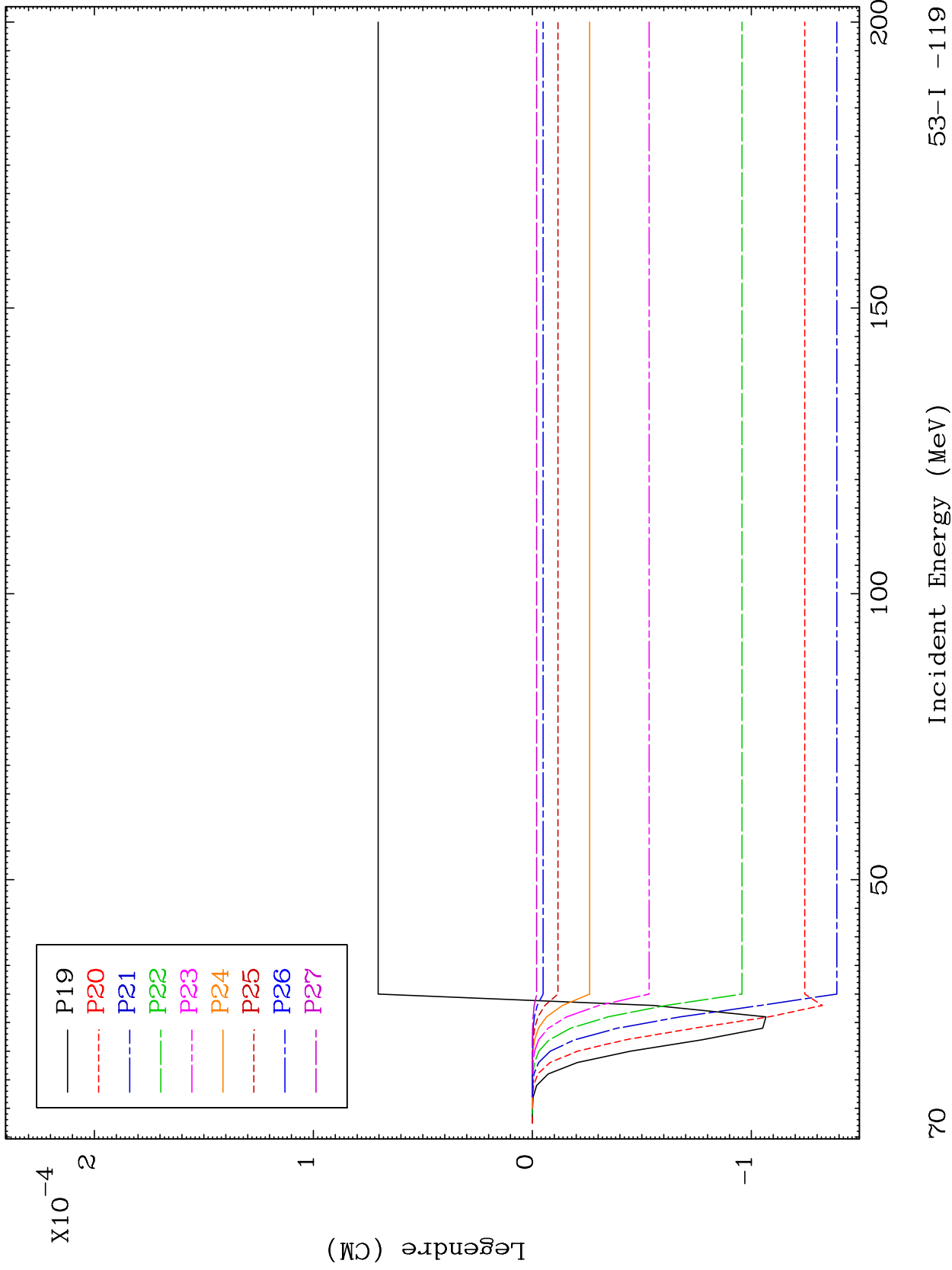




MAT 5301

801.0 keV (n,n') Level
Legendre Coefficients

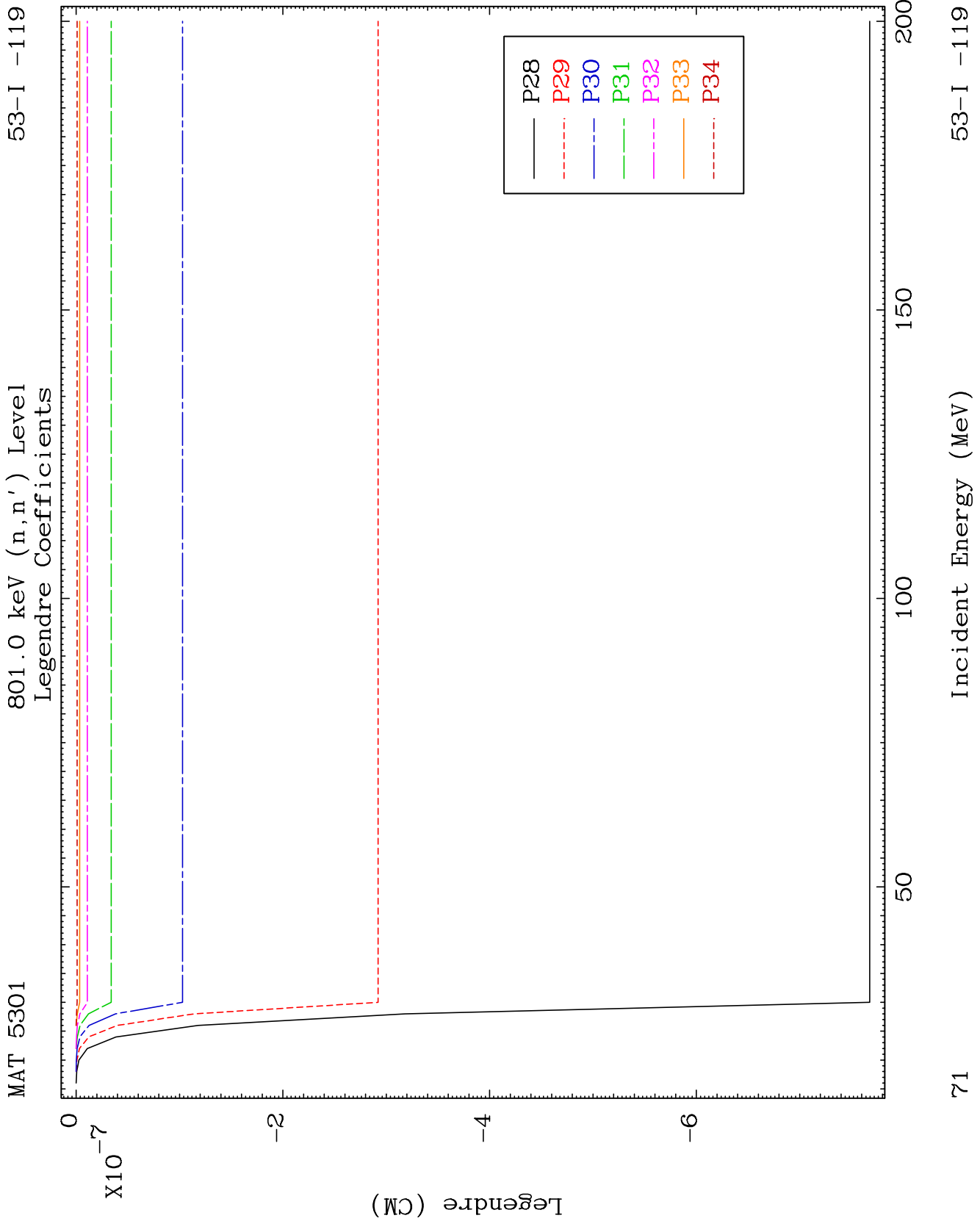
53-I -119

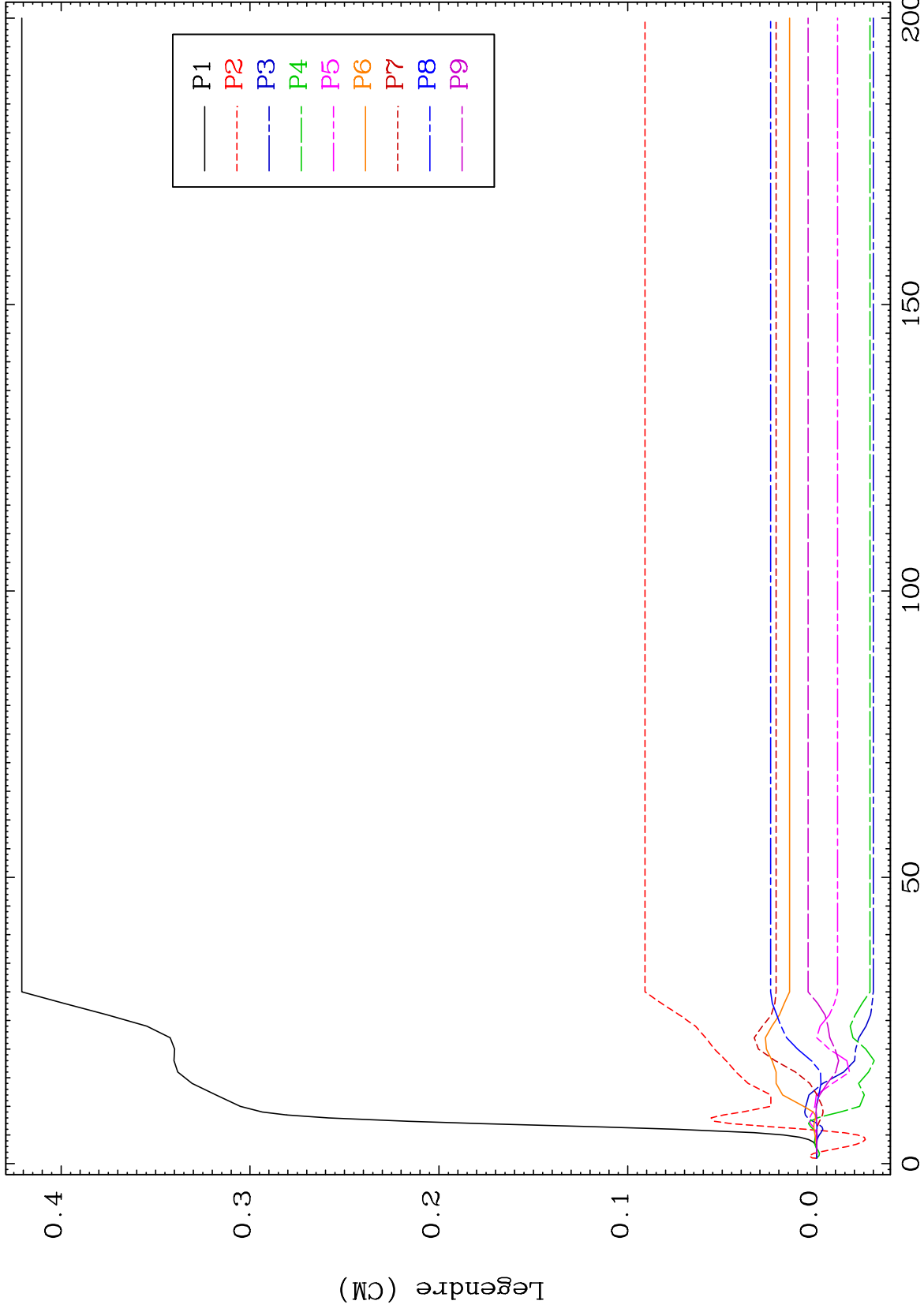


70

Incident Energy (MeV)

53-I -119

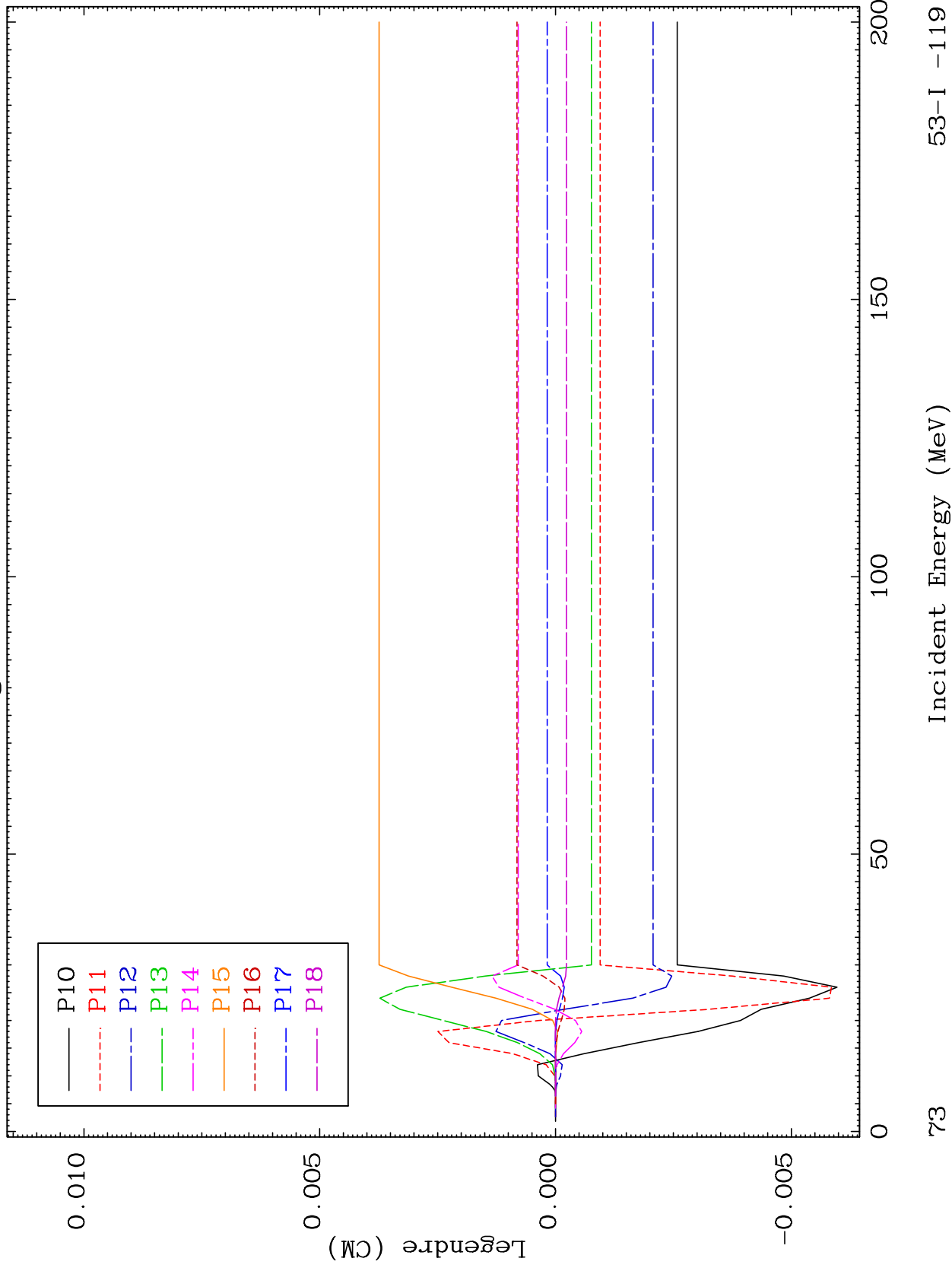




MAT 5301

913.9 keV (n,n') Level
Legendre Coefficients

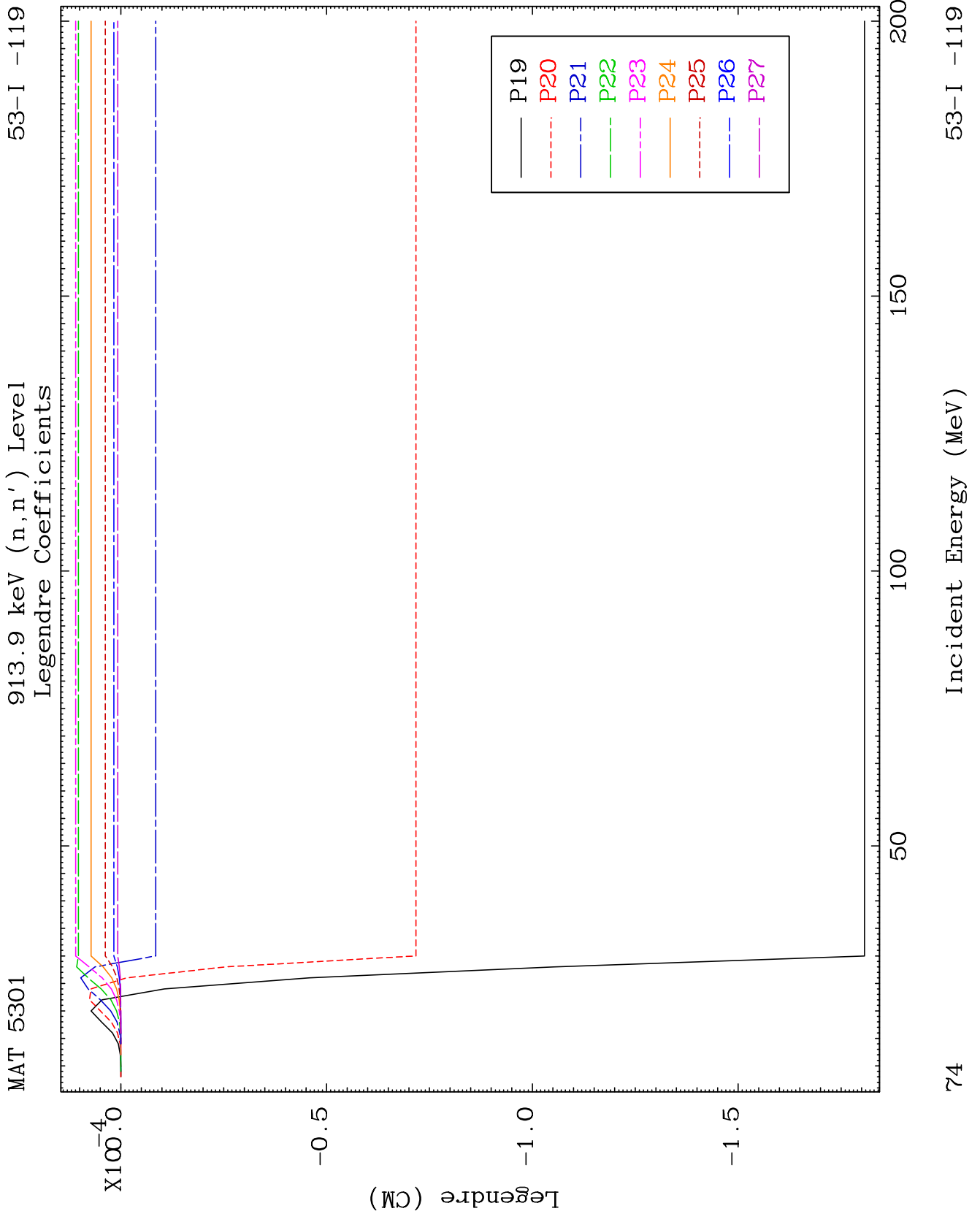
53-I -119



53-I -119

Incident Energy (MeV)

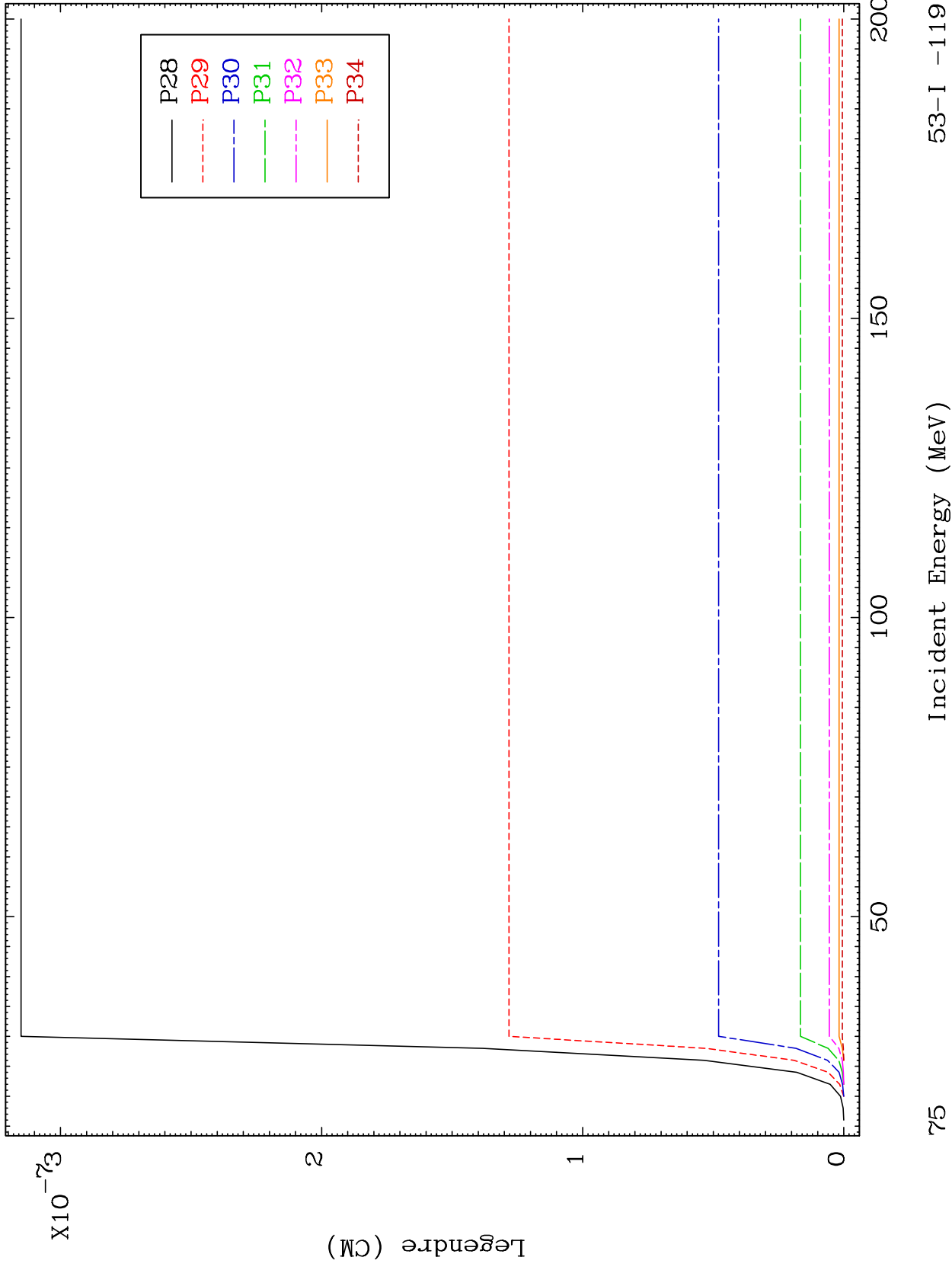
73

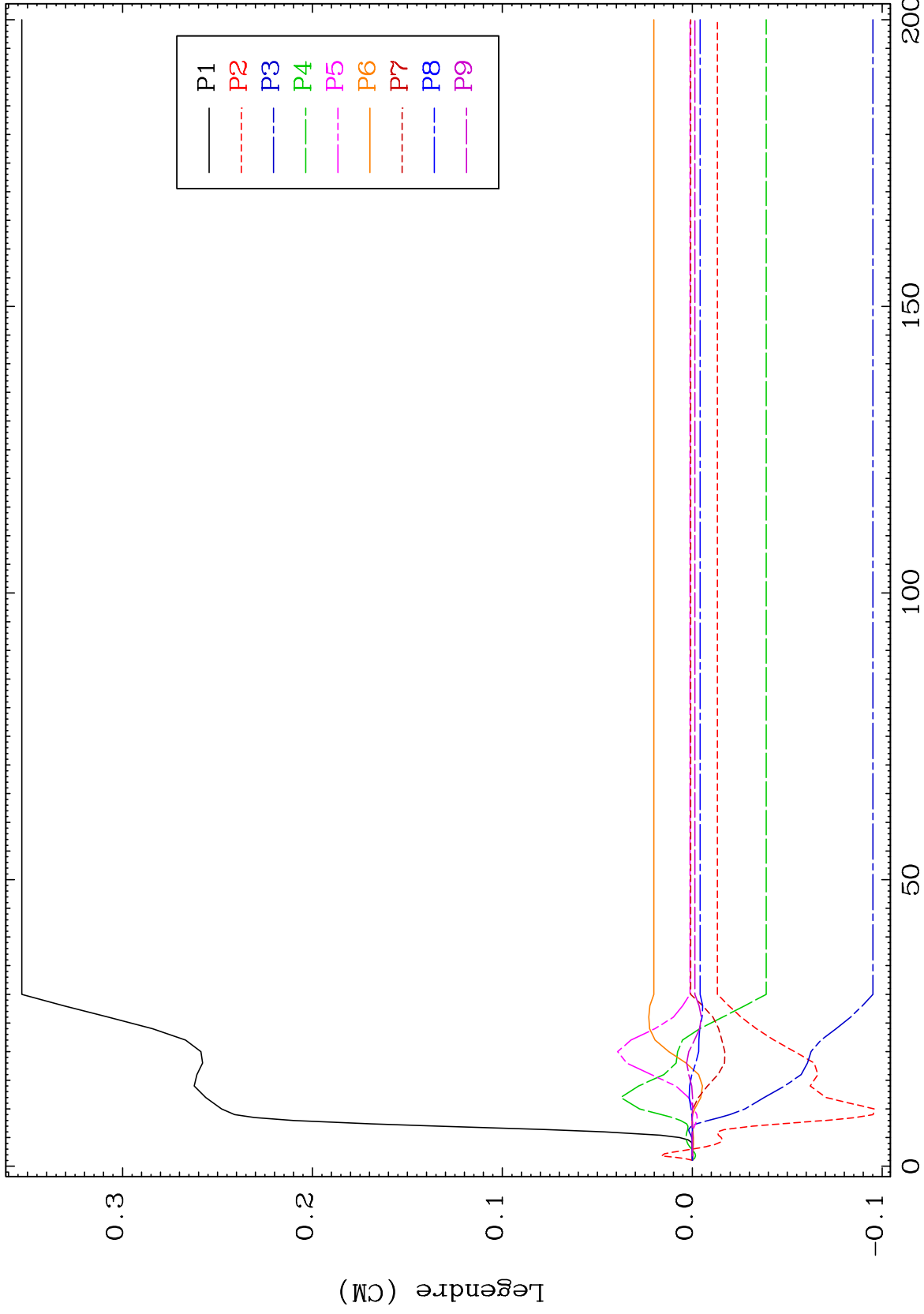


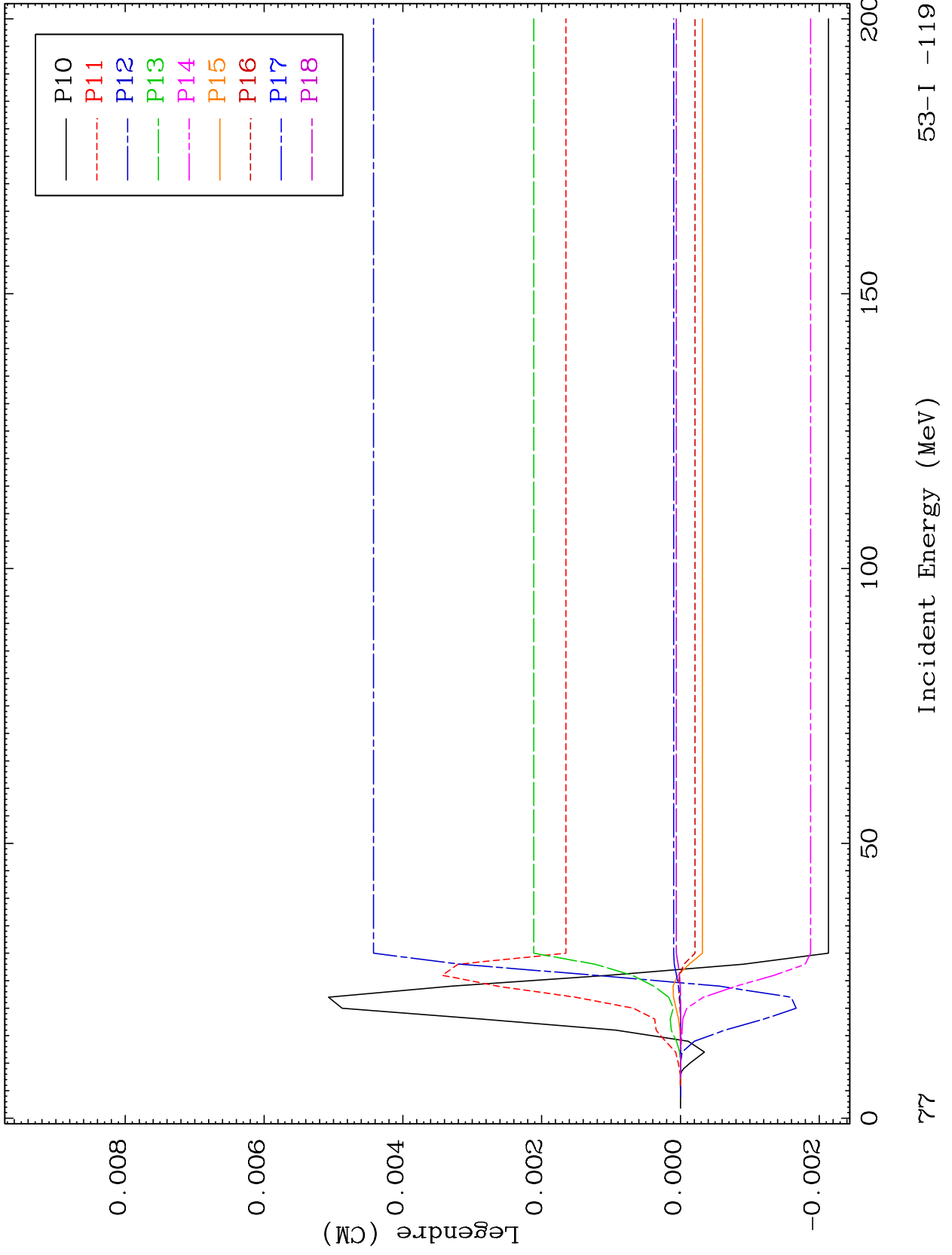
MAT 5301

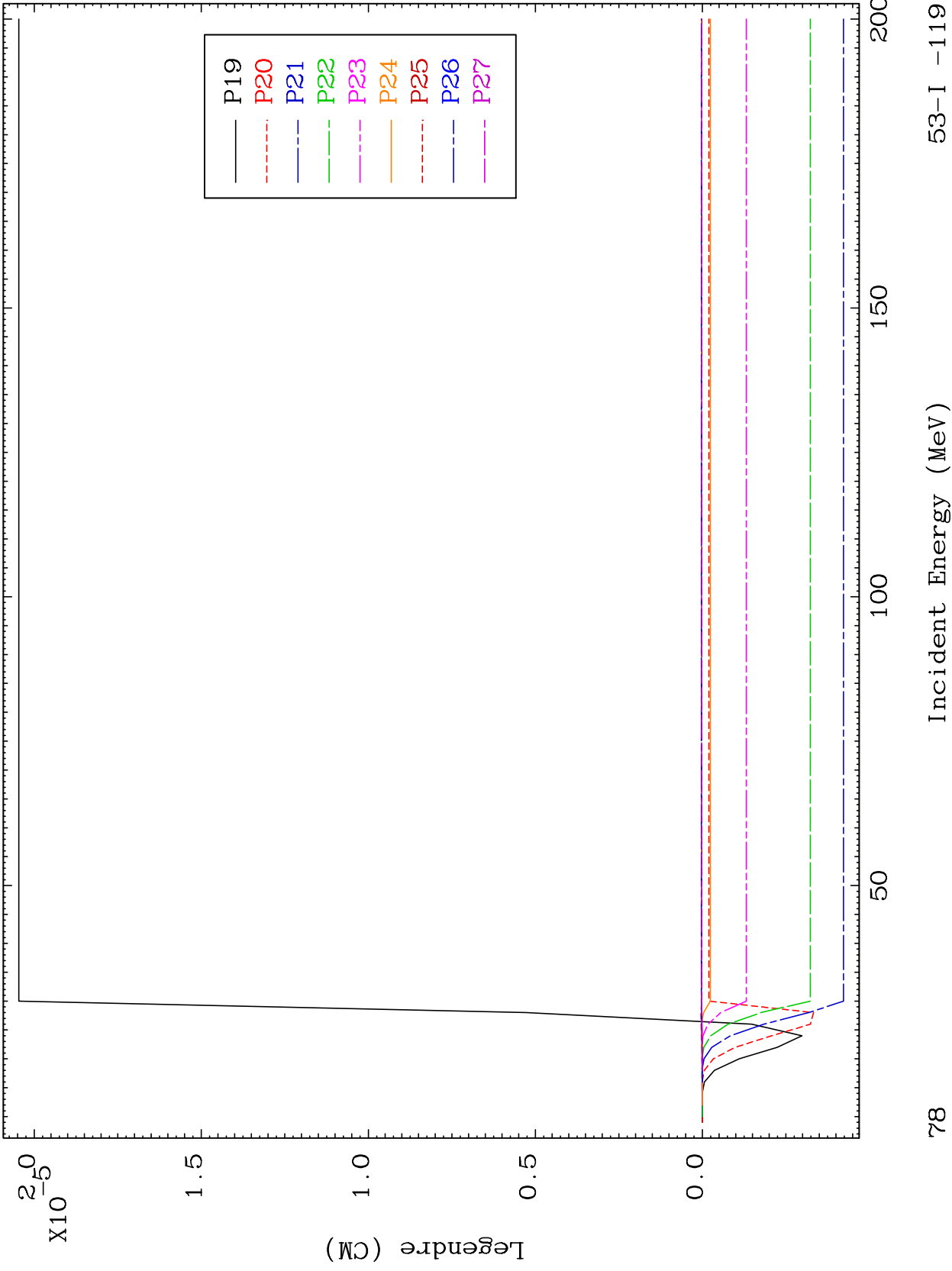
913.9 keV (n,n') Level
Legendre Coefficients

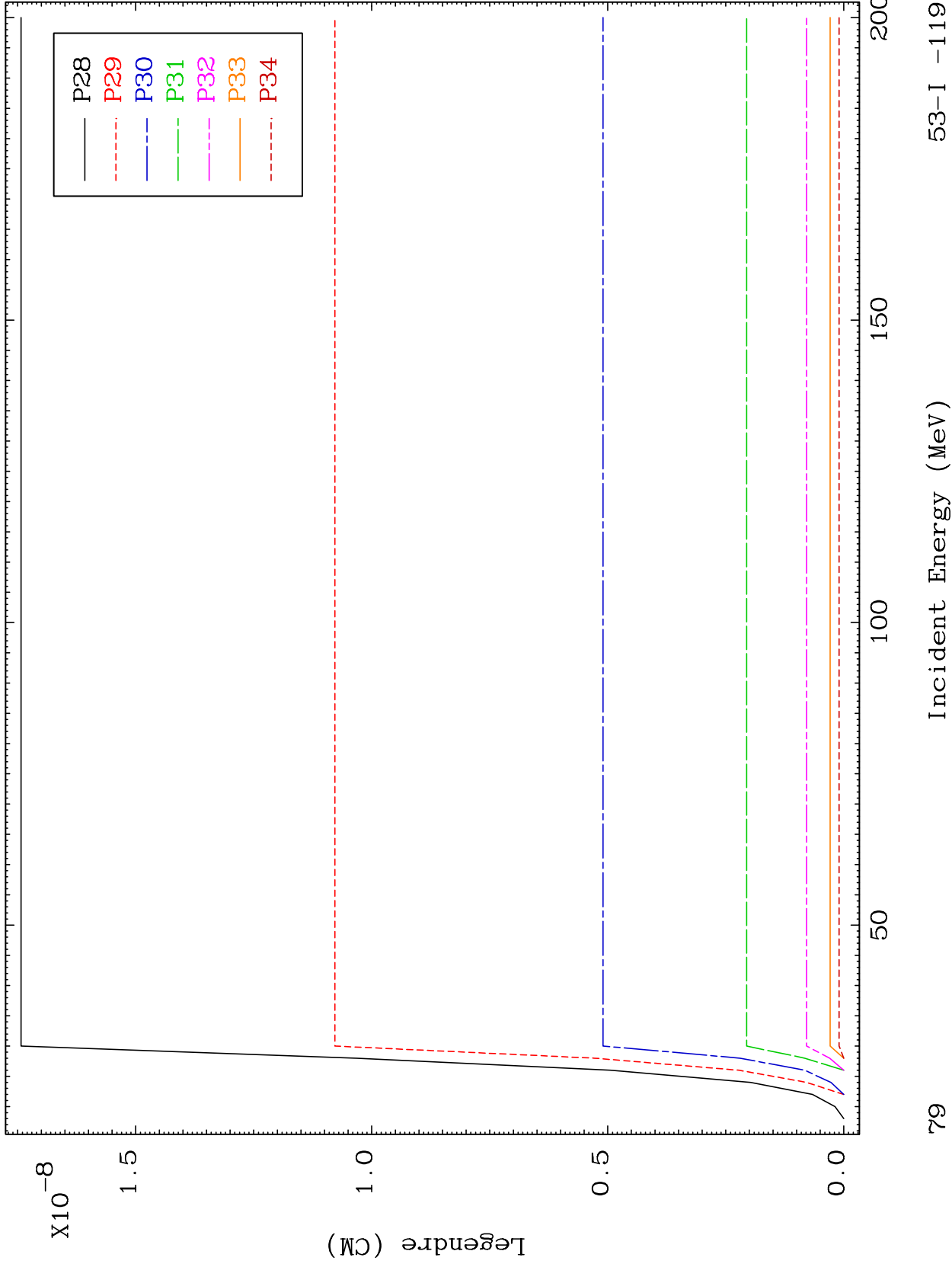
53-I -119







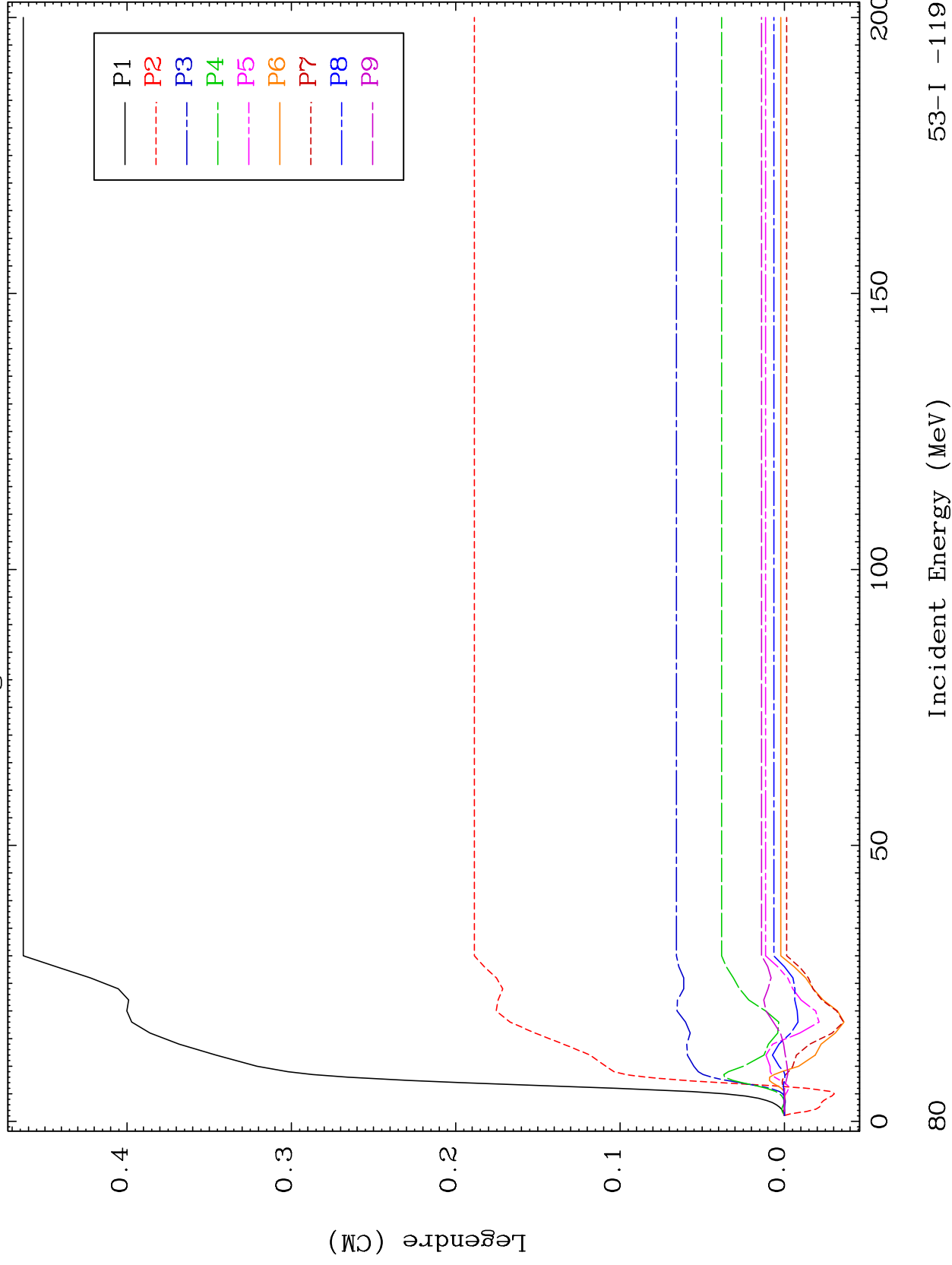




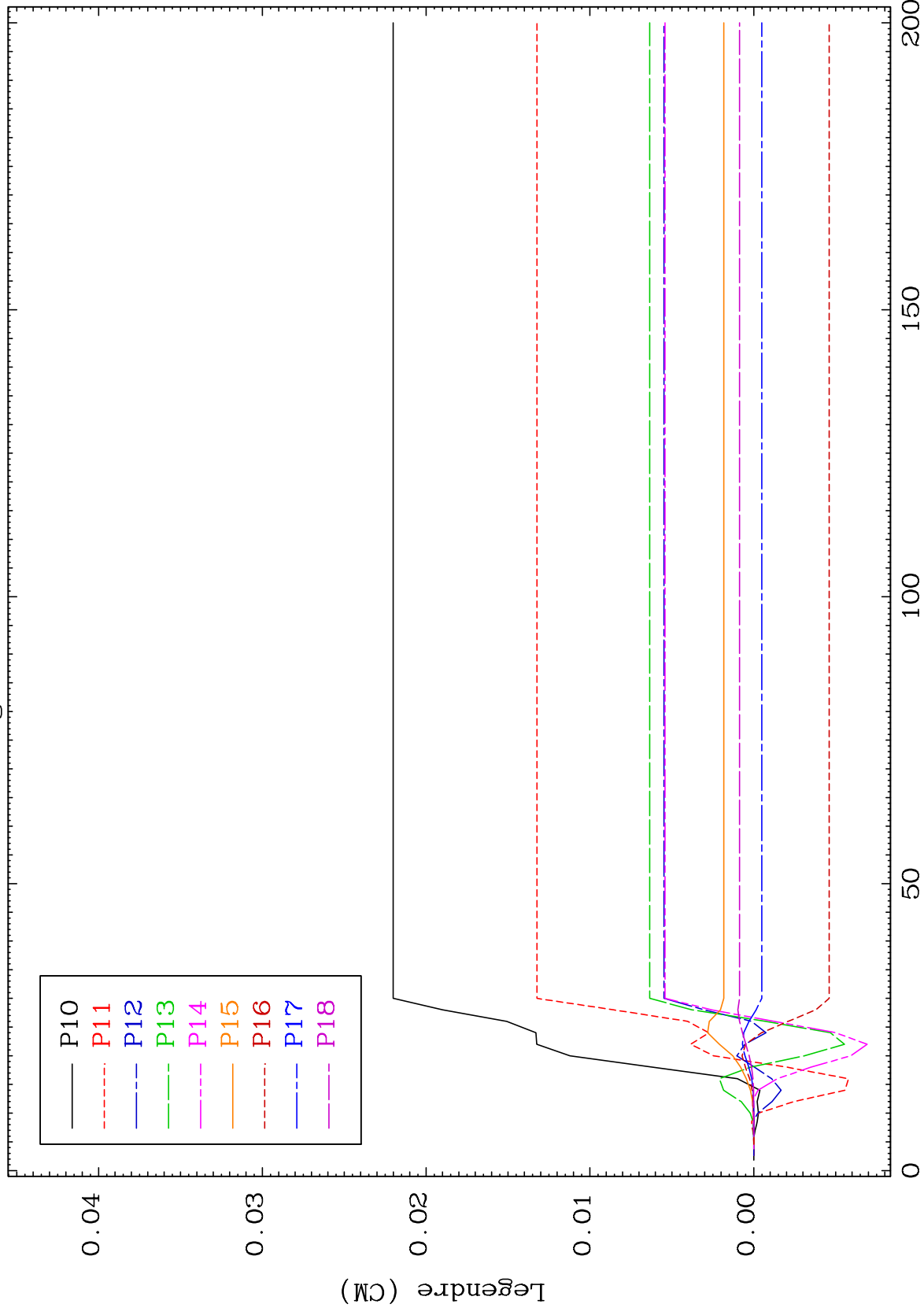
MAT 5301

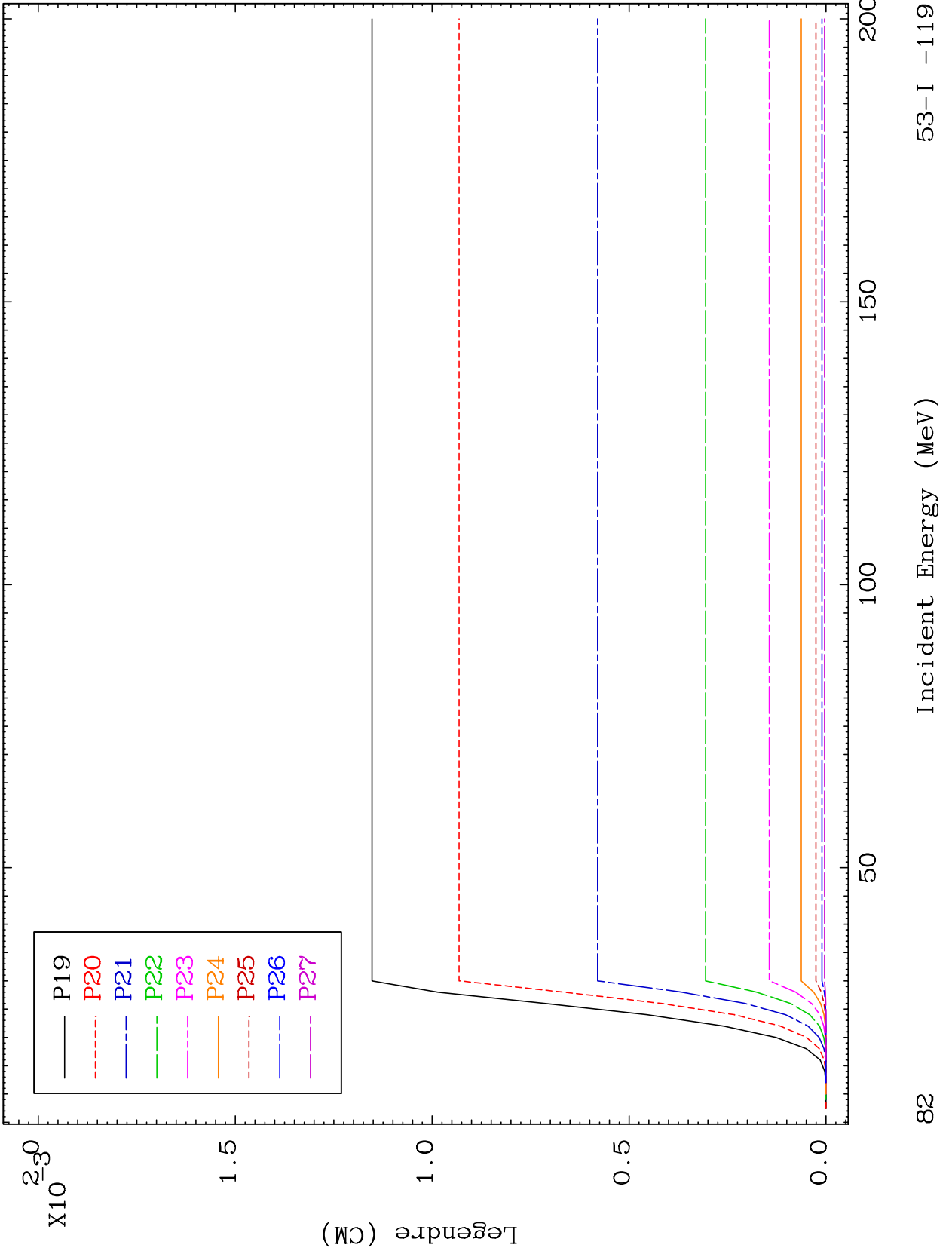
1.045 MeV (n,n') Level
Legendre Coefficients

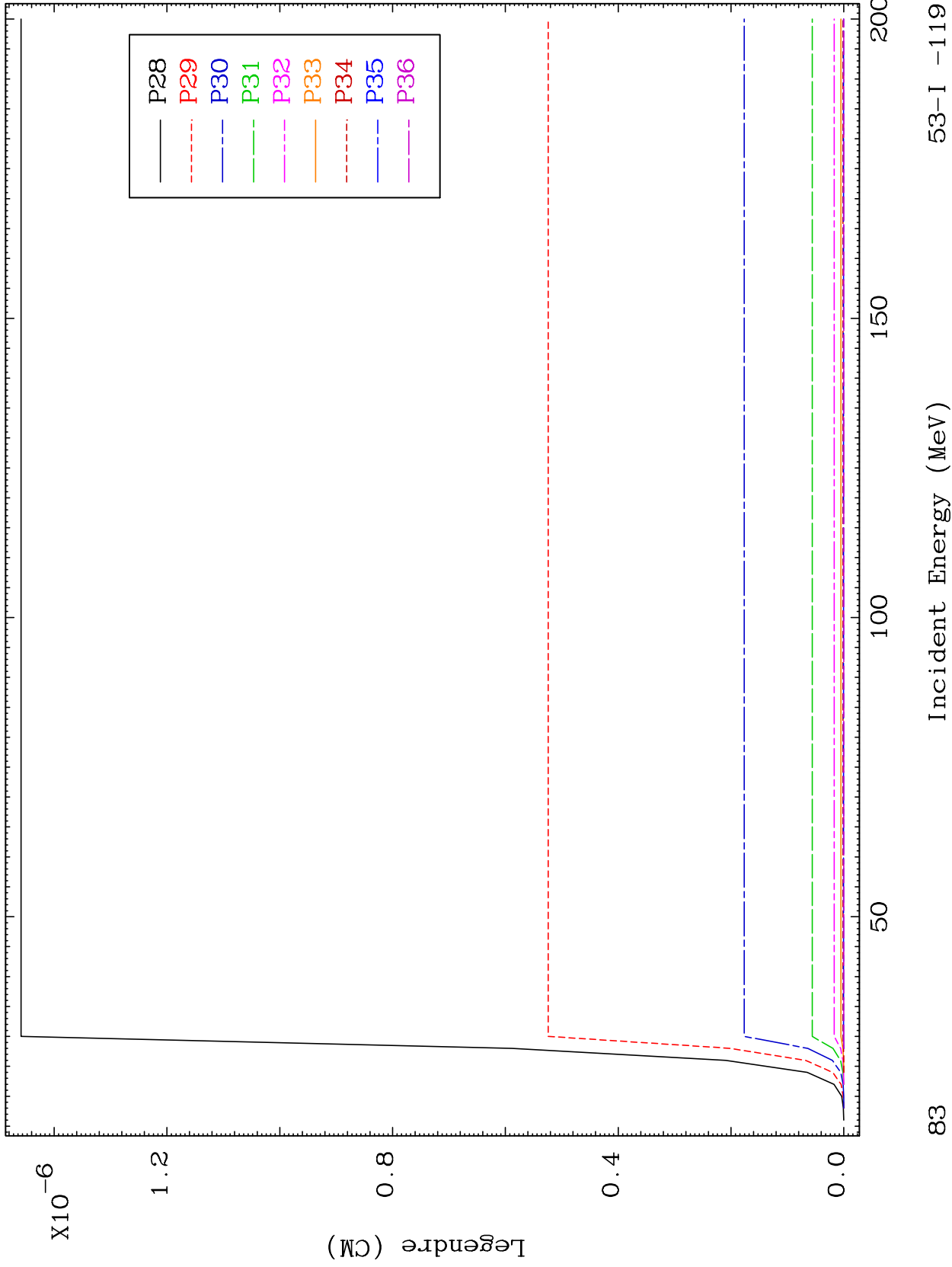
53-I -119

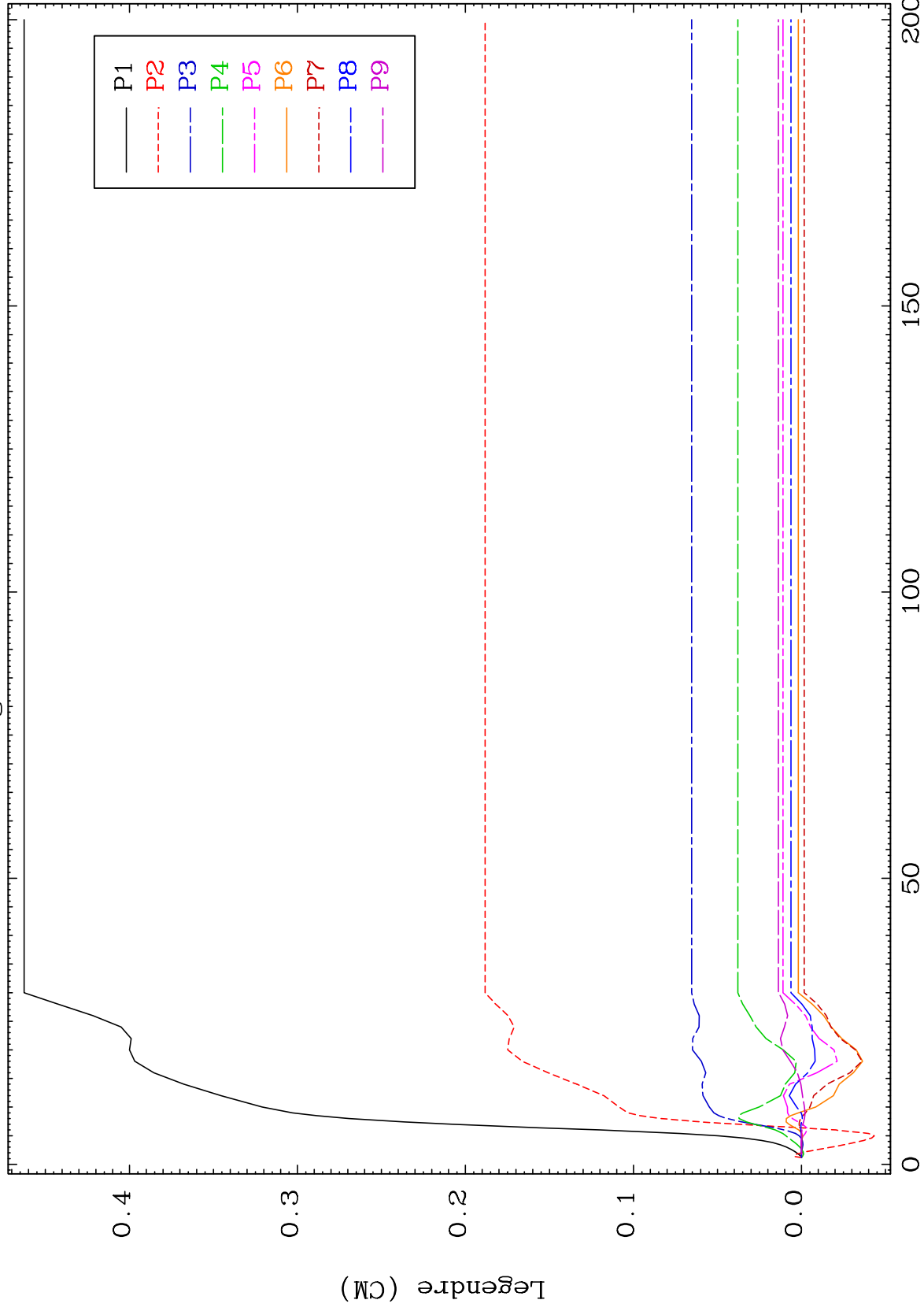


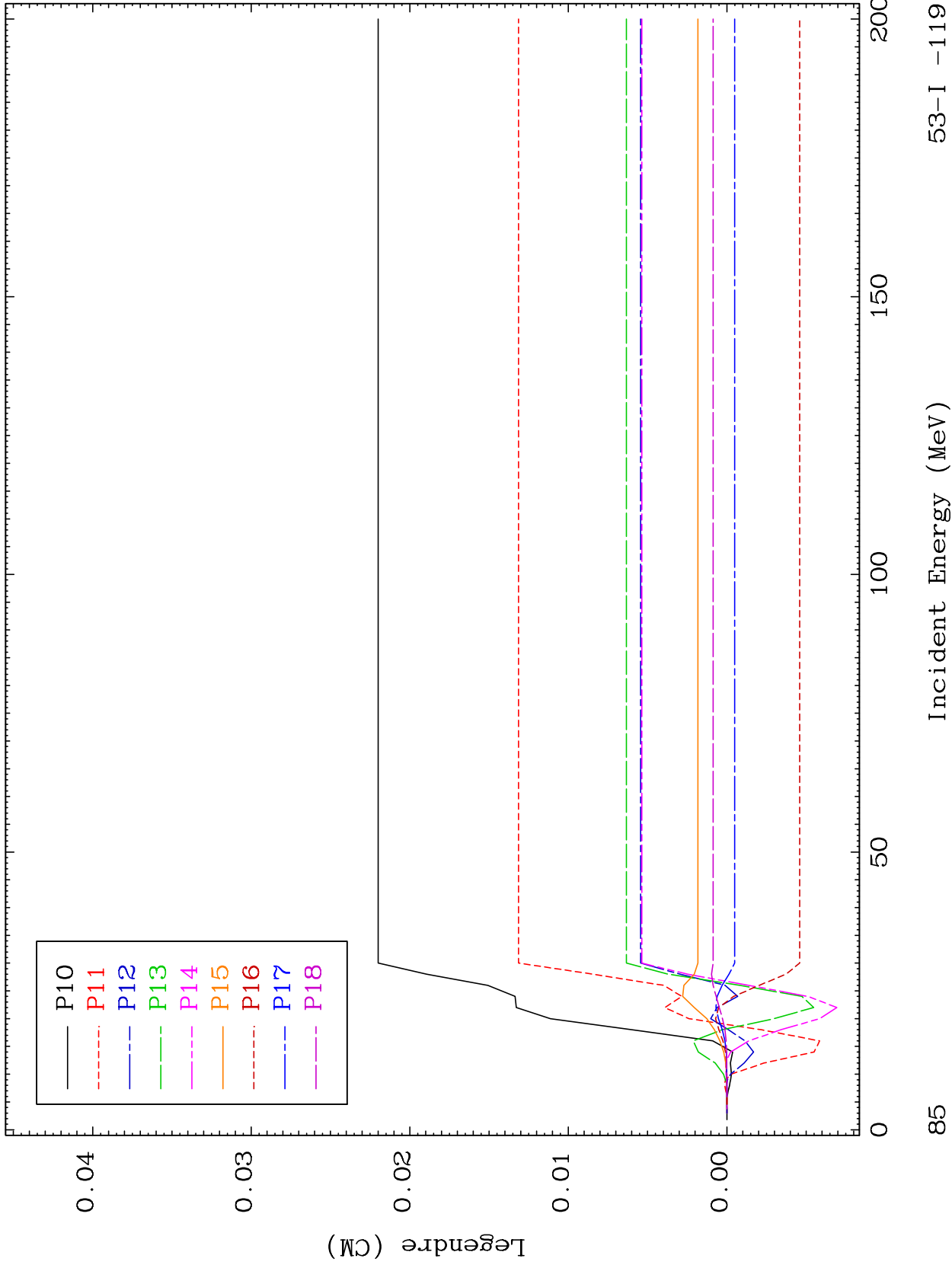
53-I -119

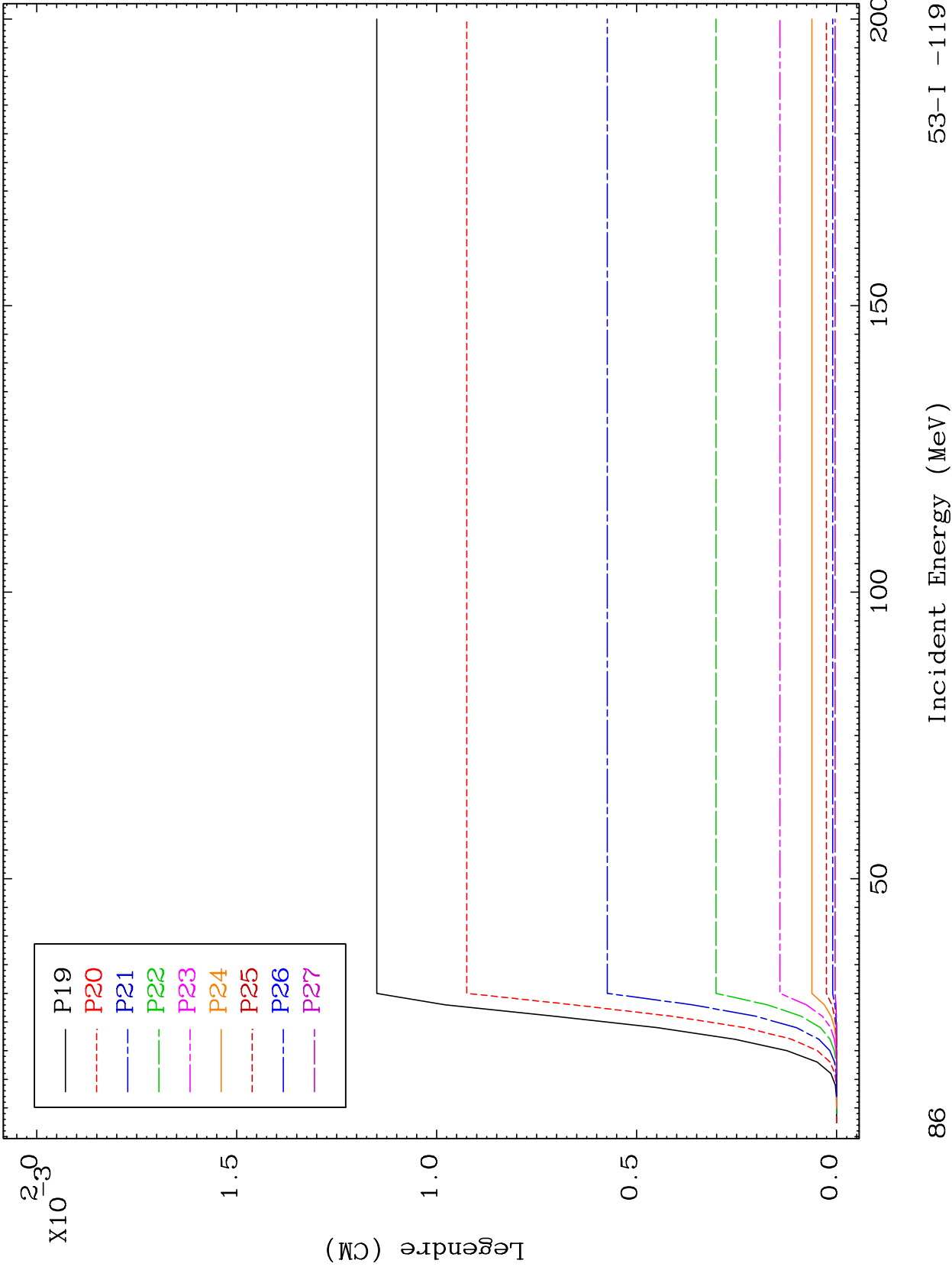








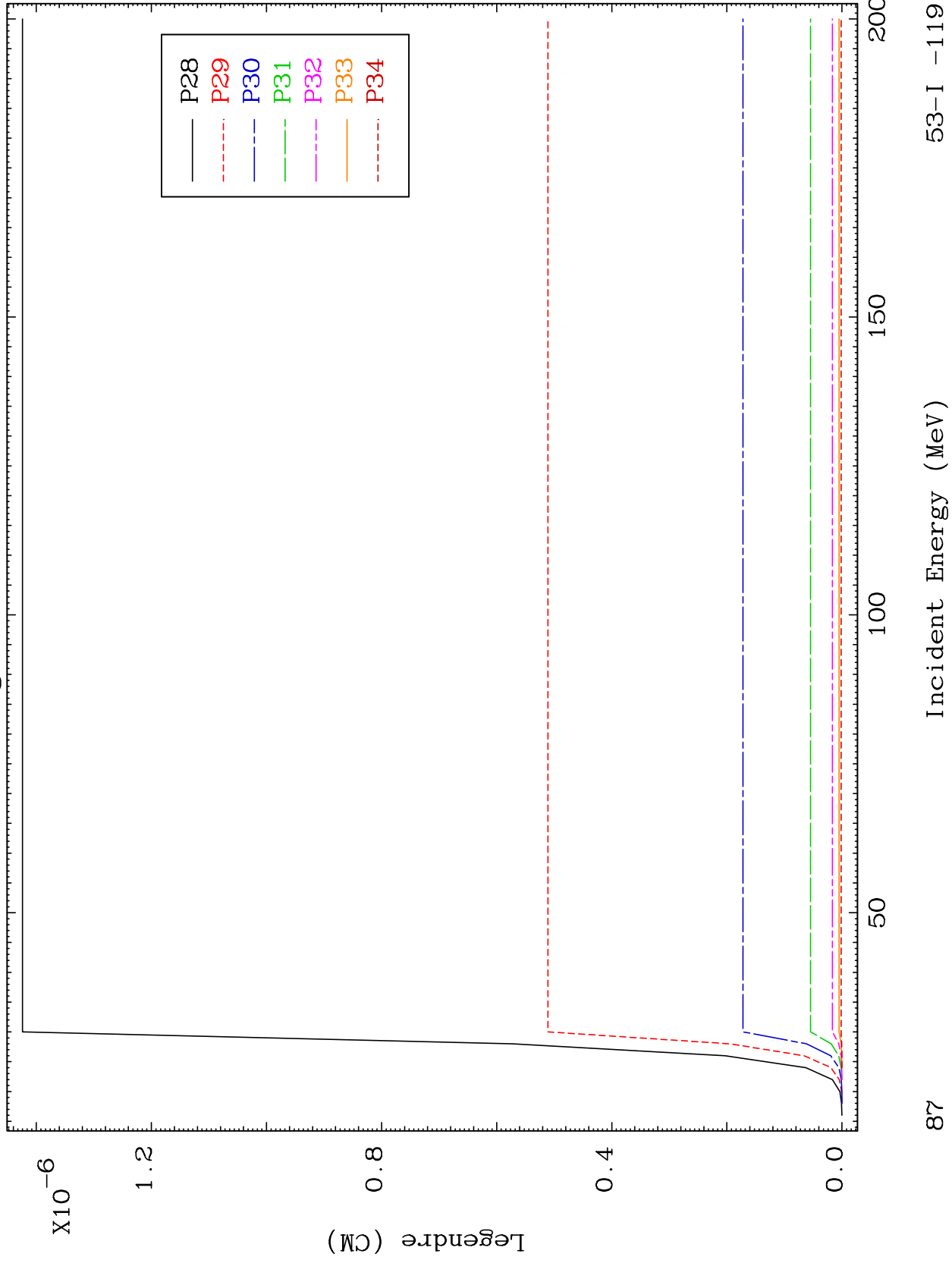




MAT 5301

1.152 MeV (n,n') Level
Legendre Coefficients

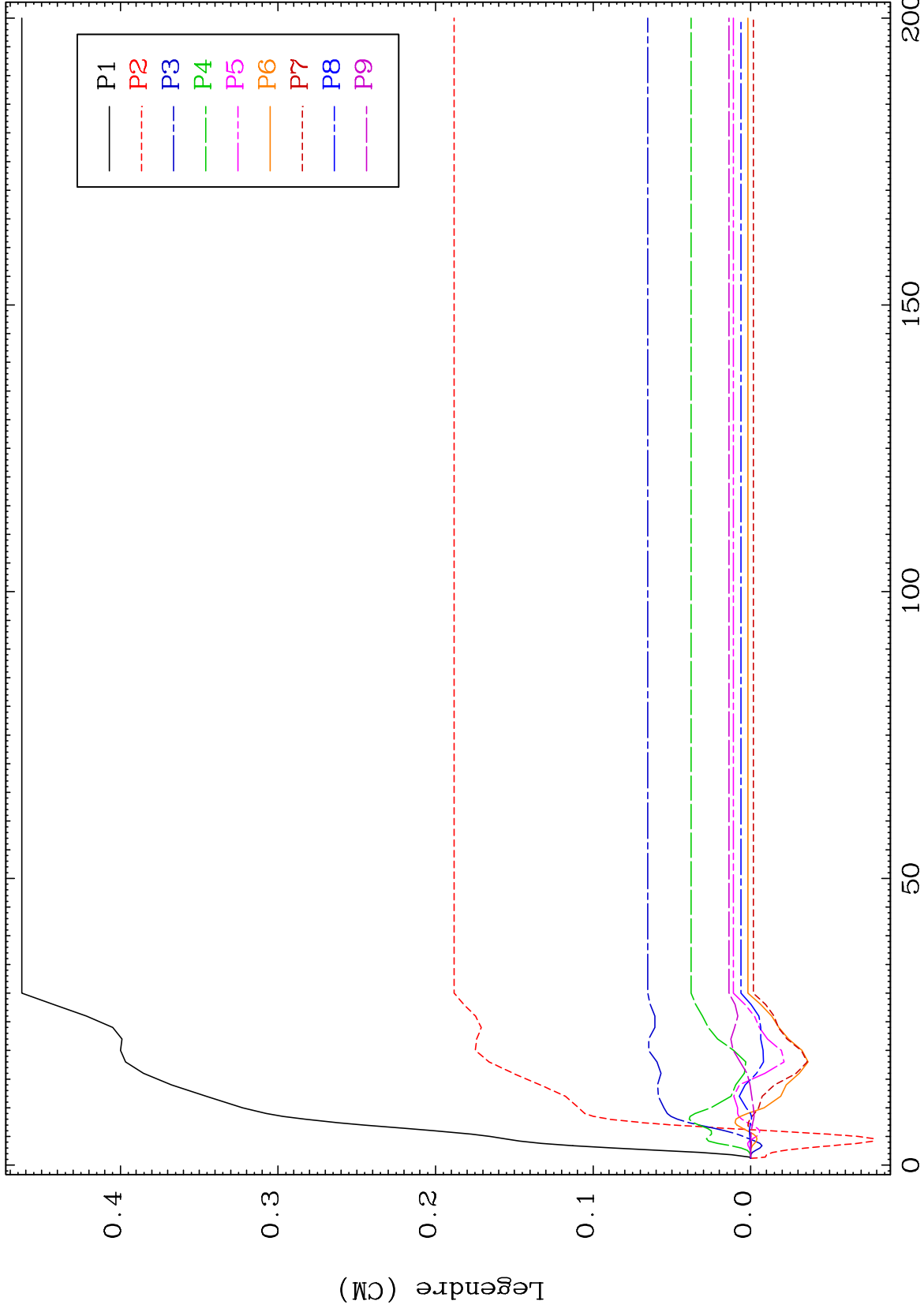
53-I -119

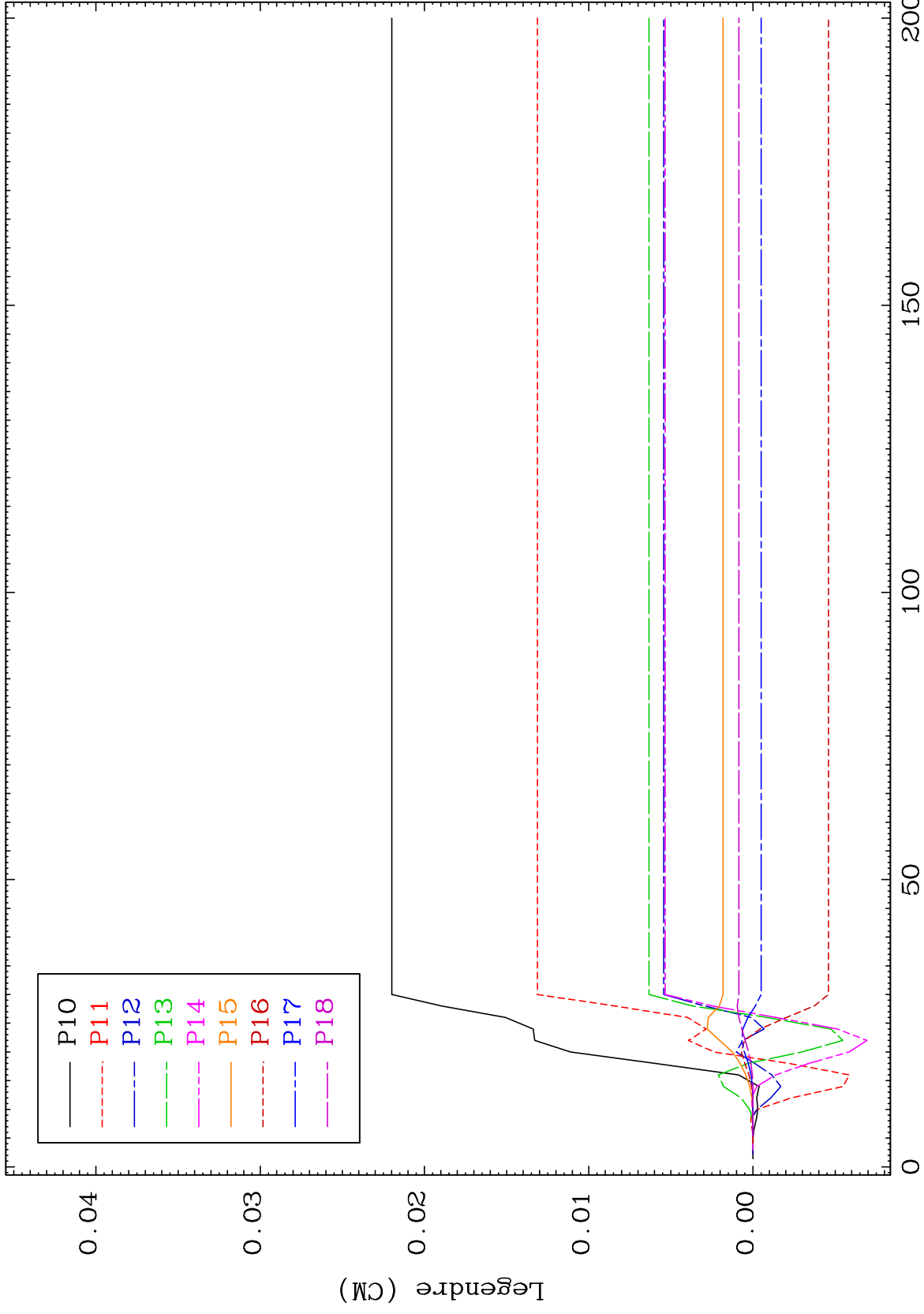


87

Incident Energy (MeV)

53-I -119

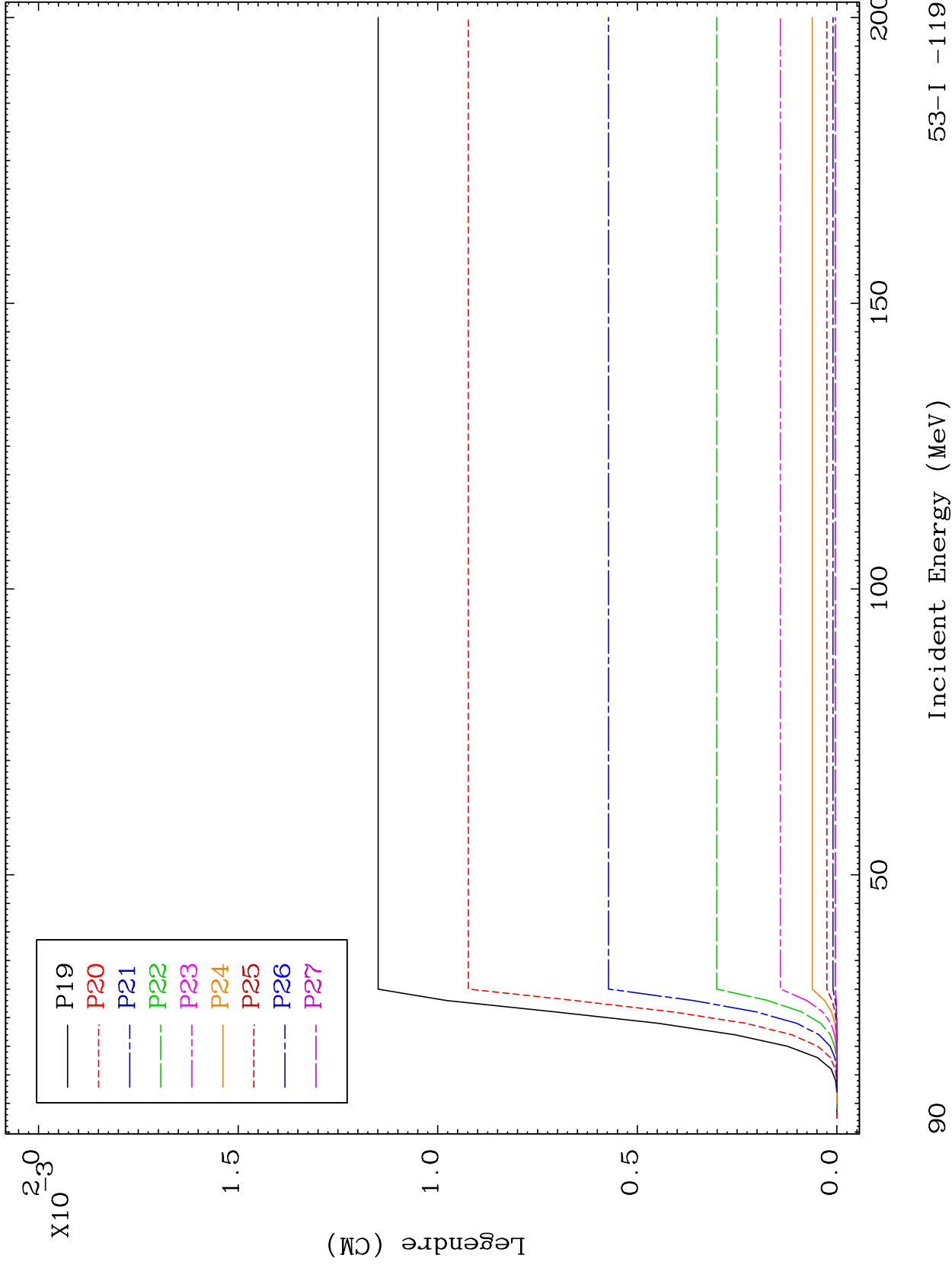


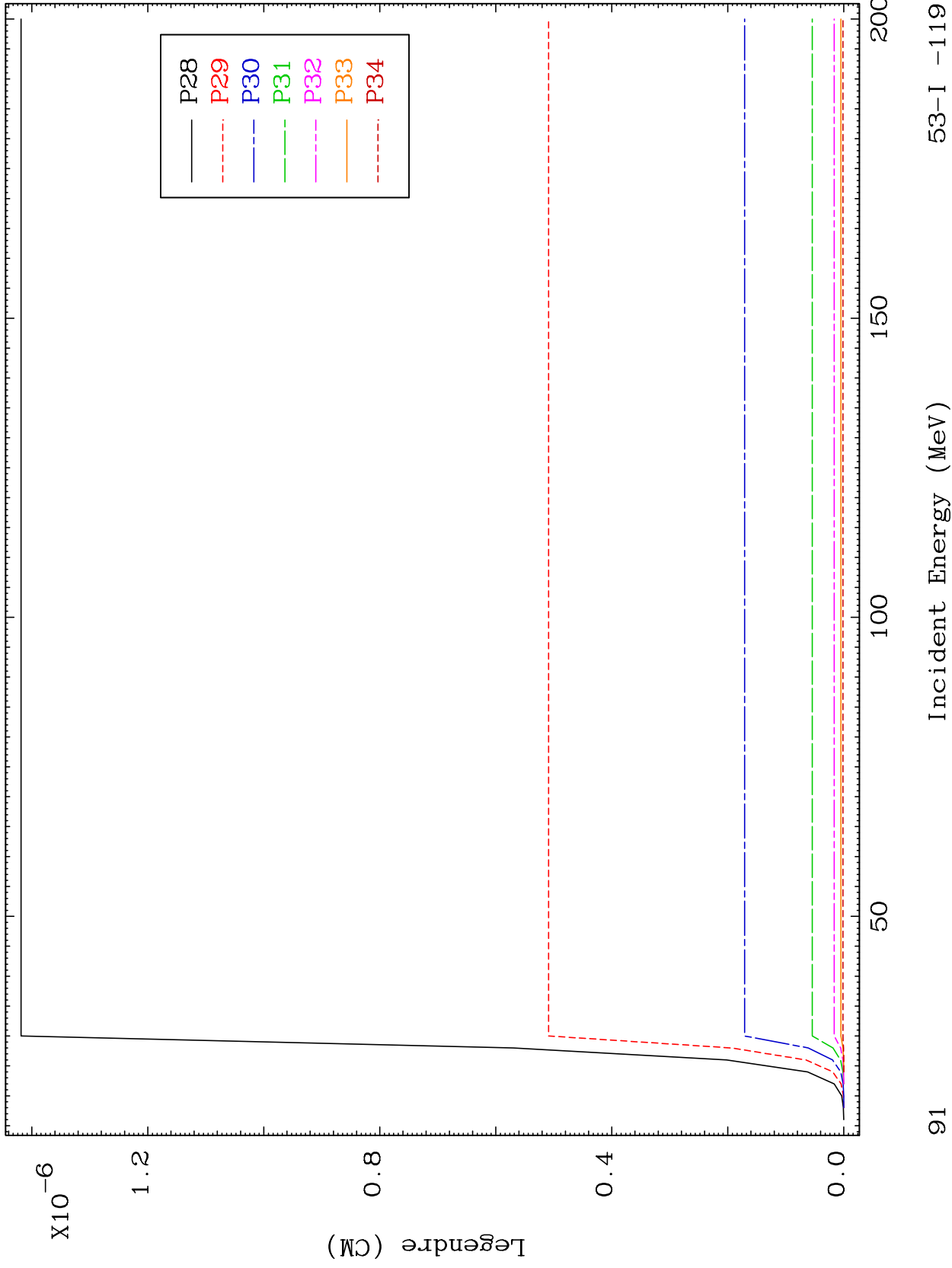


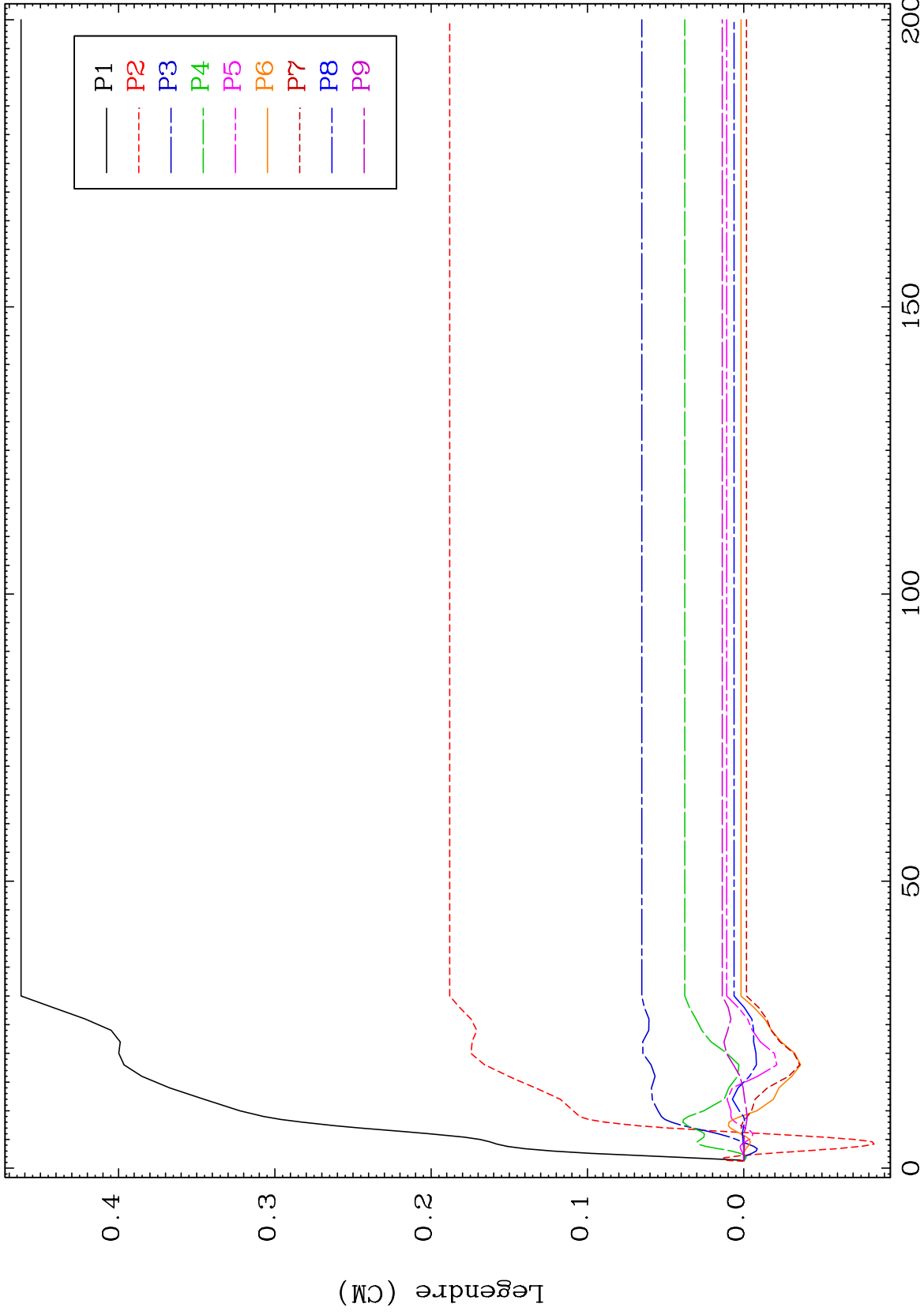
MAT 5301

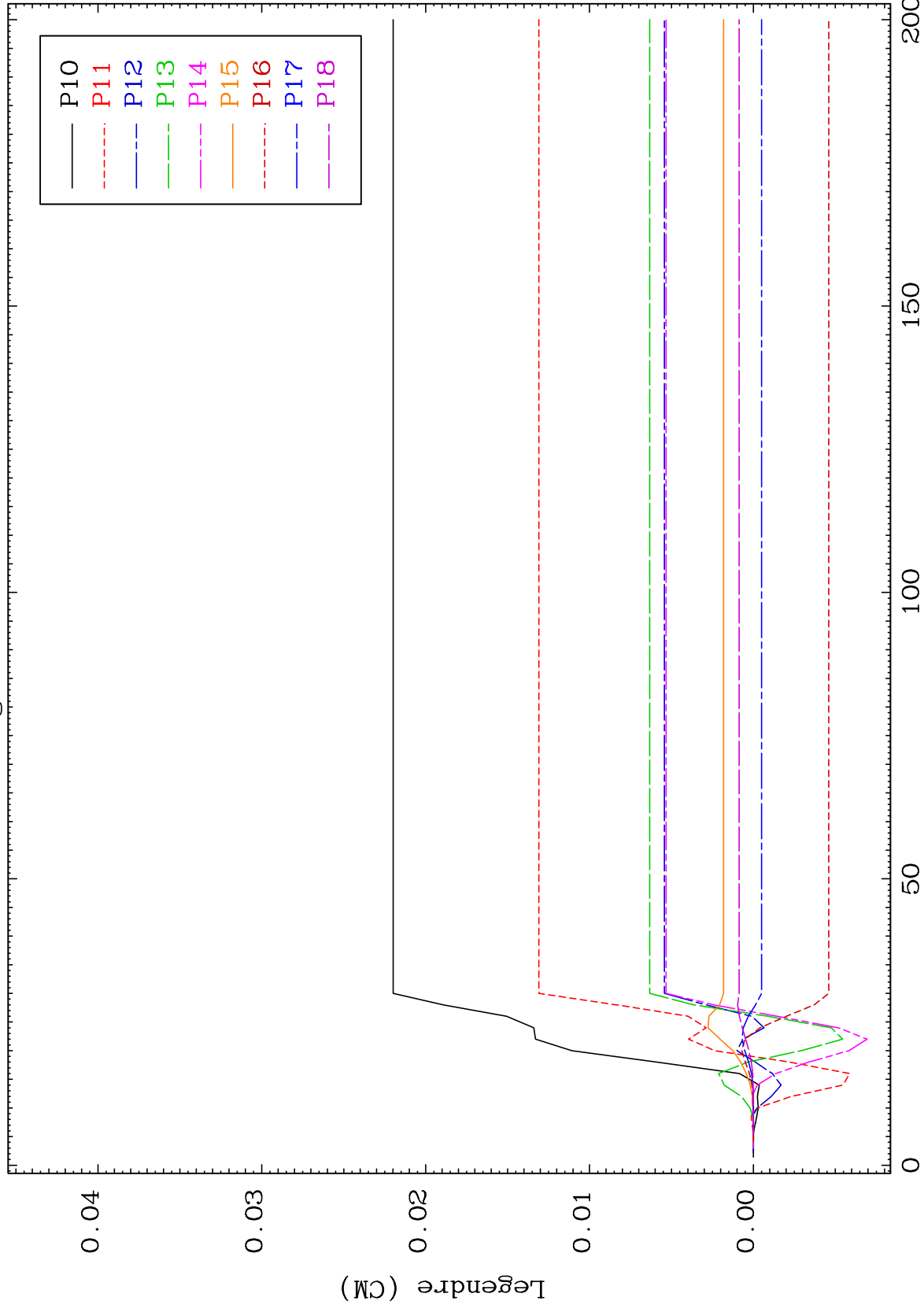
1.169 MeV (n,n') Level
Legendre Coefficients

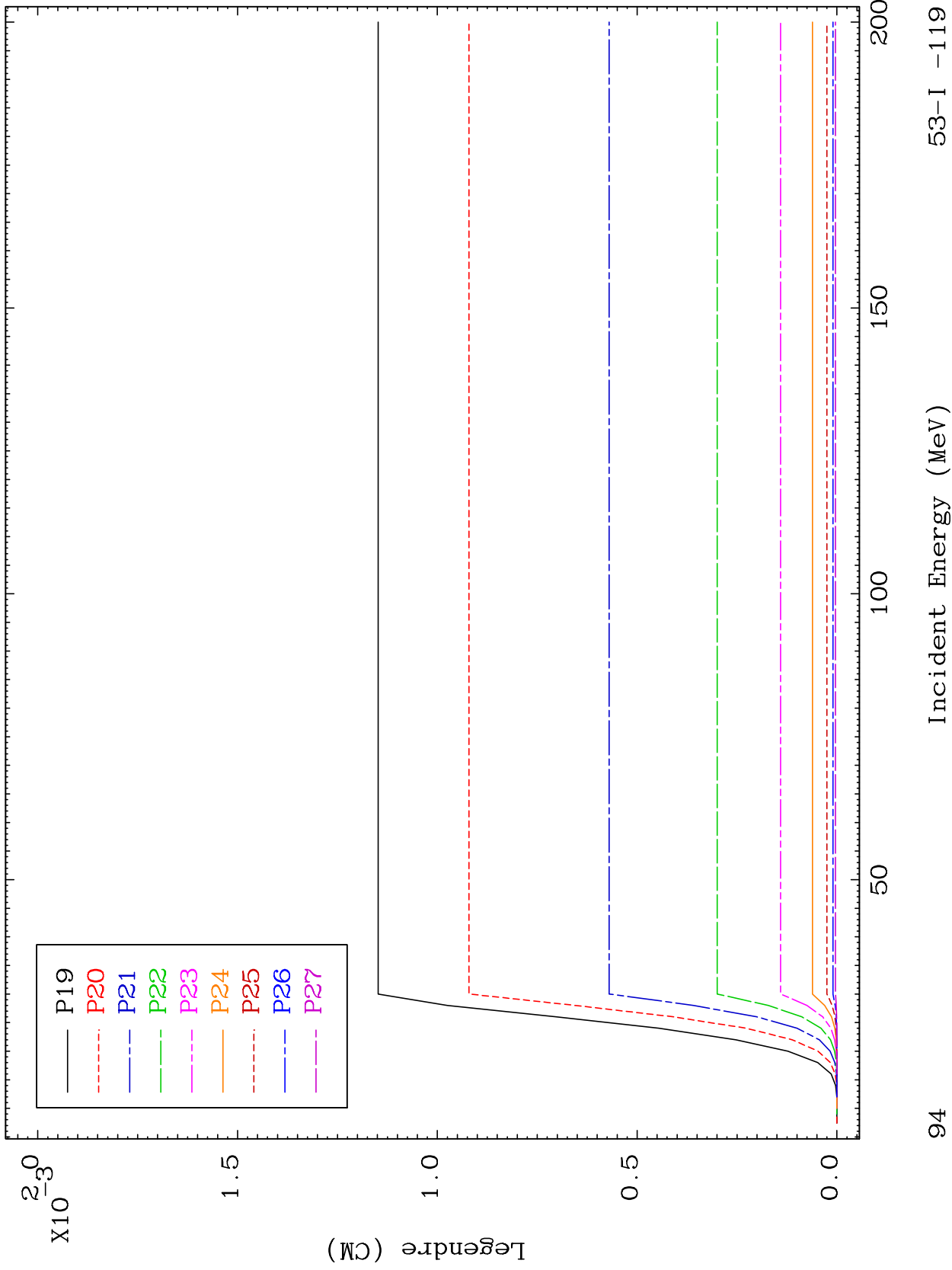
53-I -119







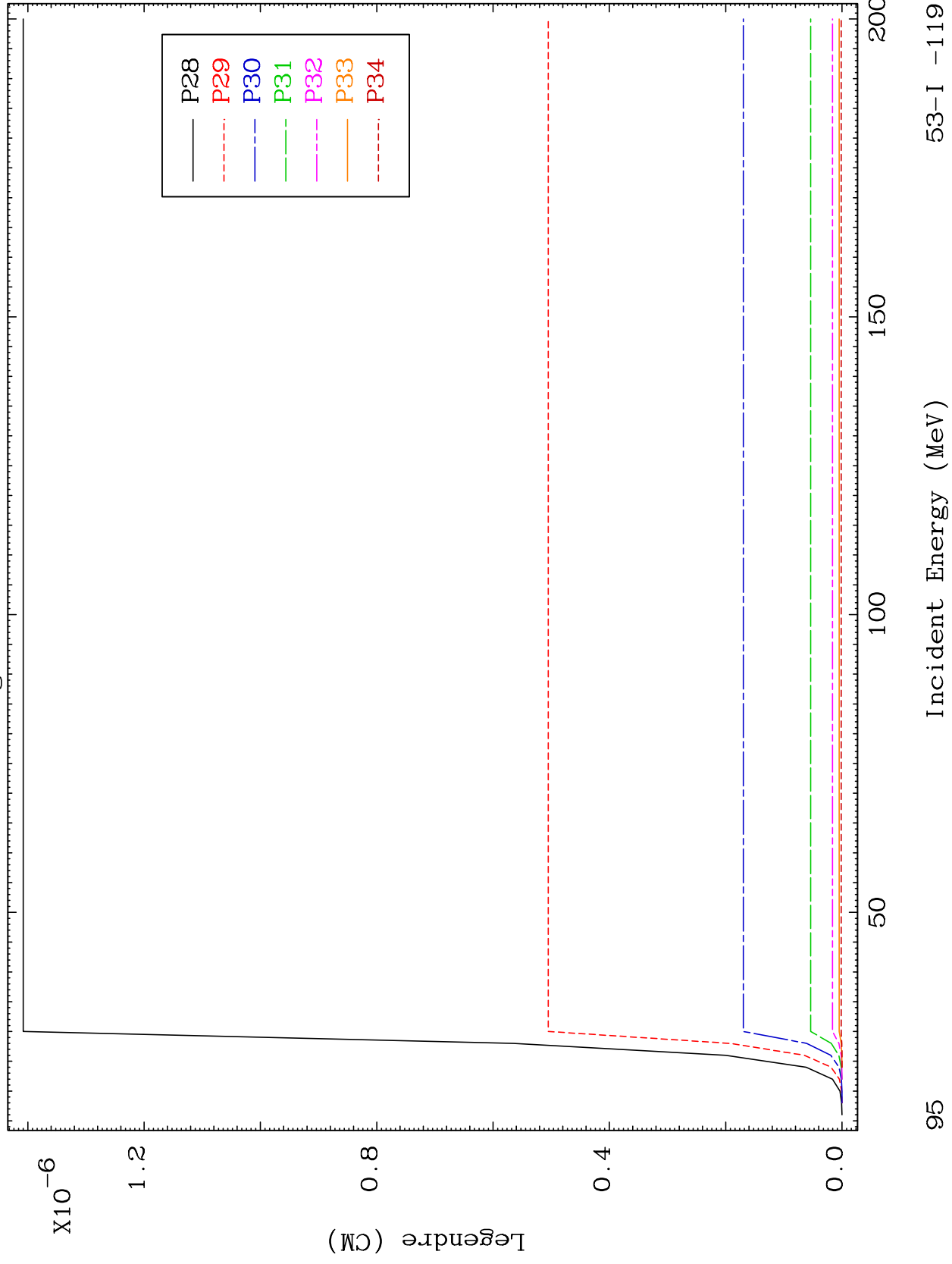




MAT 5301

1.202 MeV (n,n') Level
Legendre Coefficients

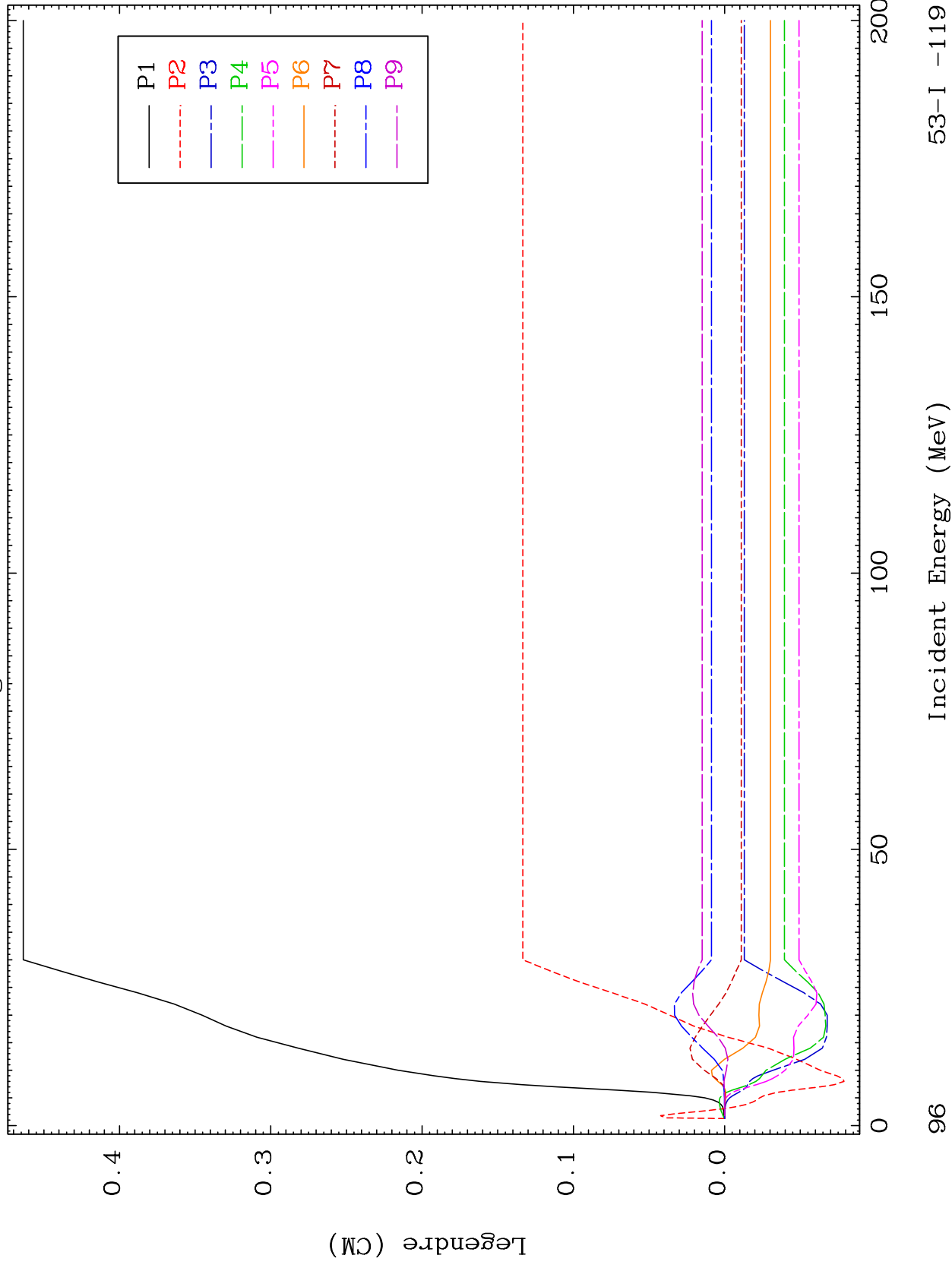
53-I -119

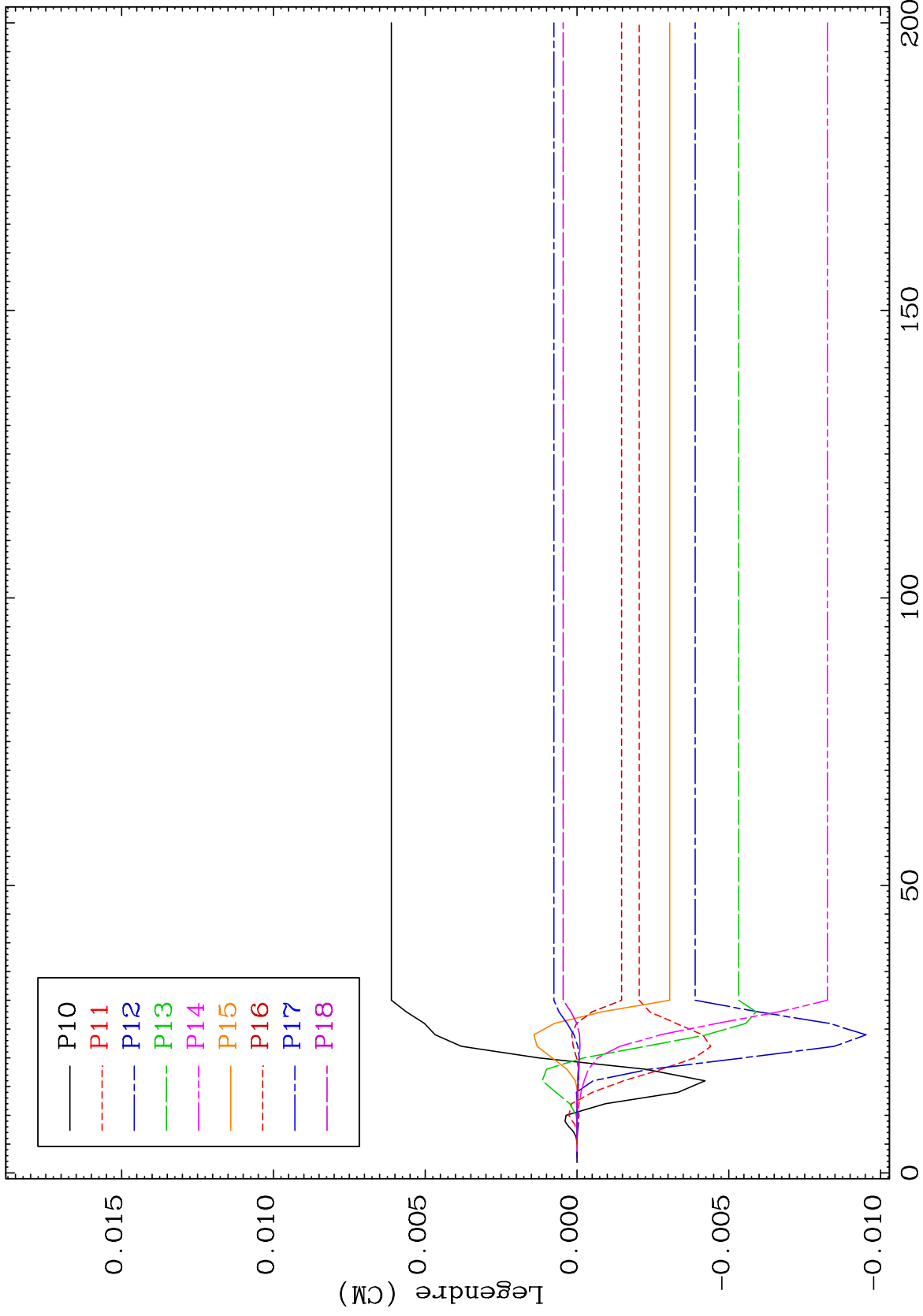


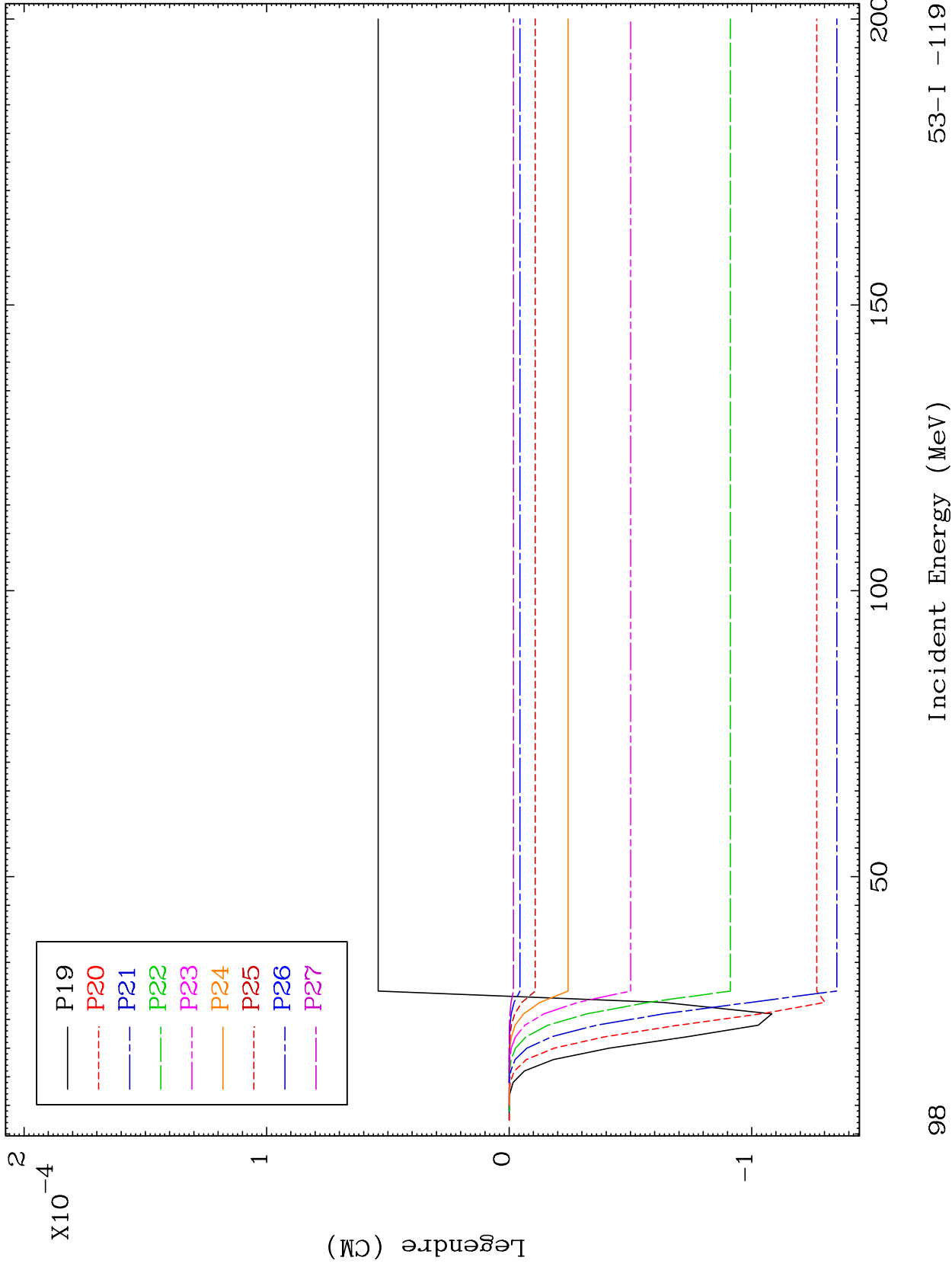
95

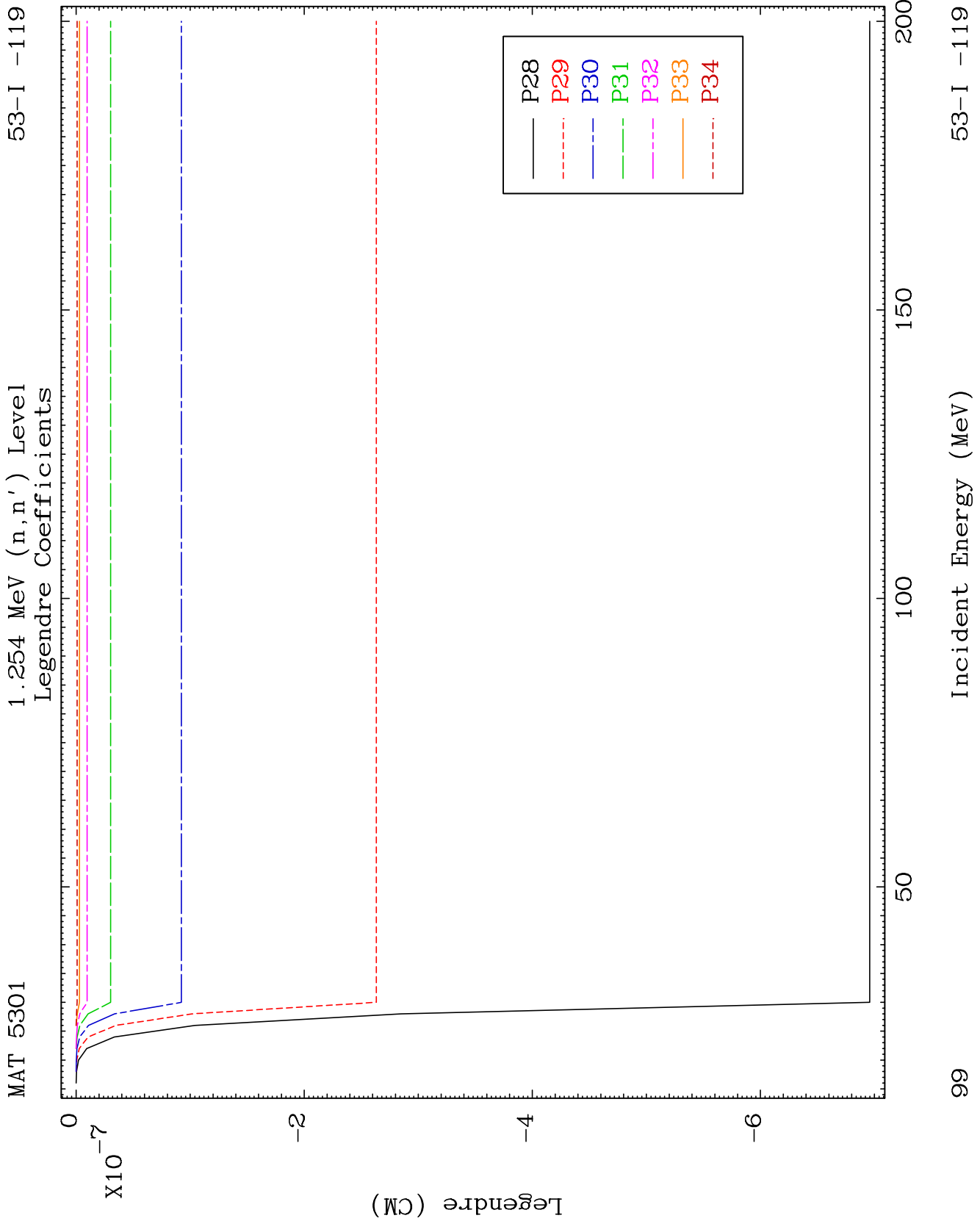
Incident Energy (MeV)

53-I -119





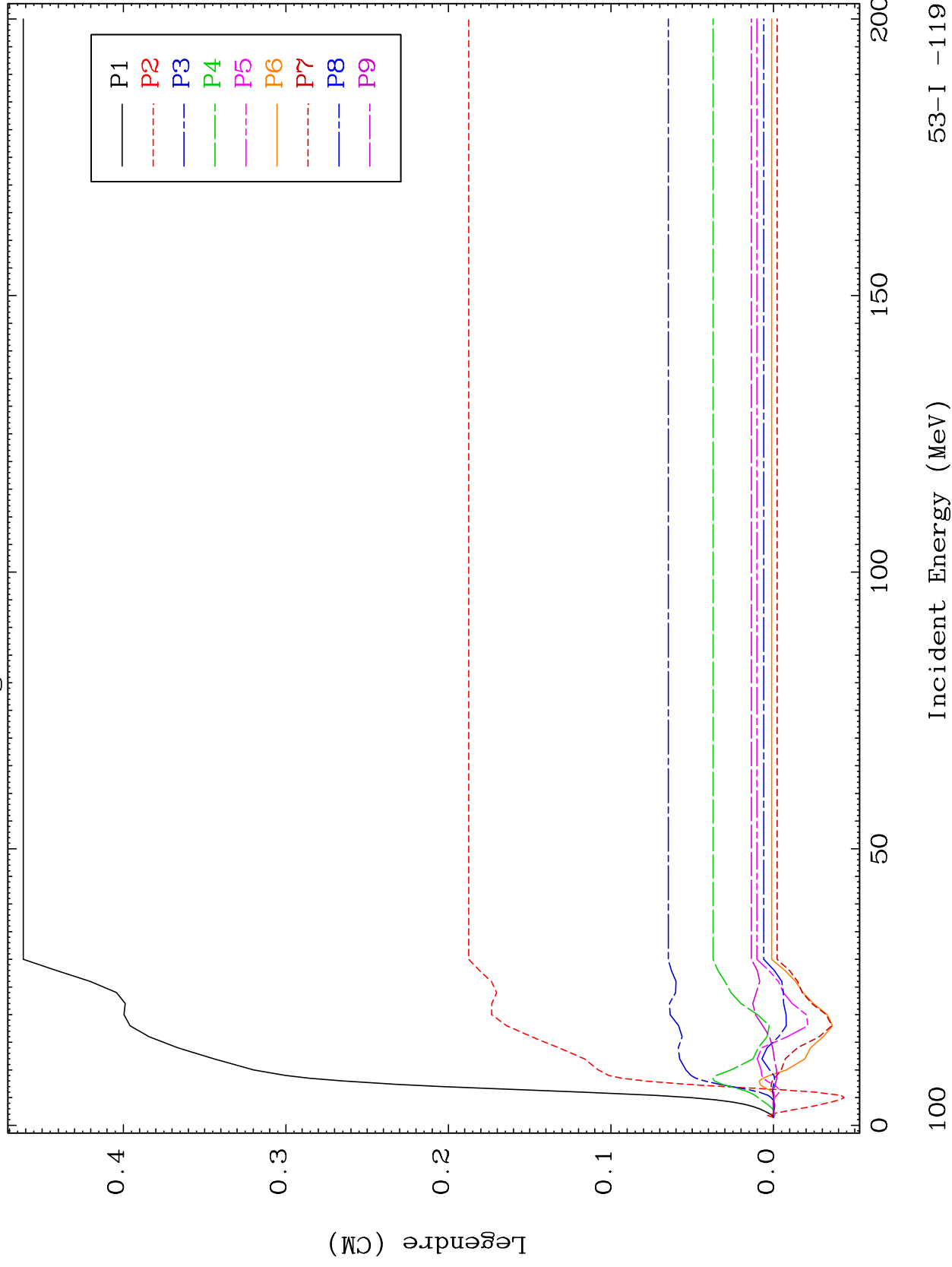




MAT 5301

1.393 MeV (n,n') Level
Legendre Coefficients

53-I -119

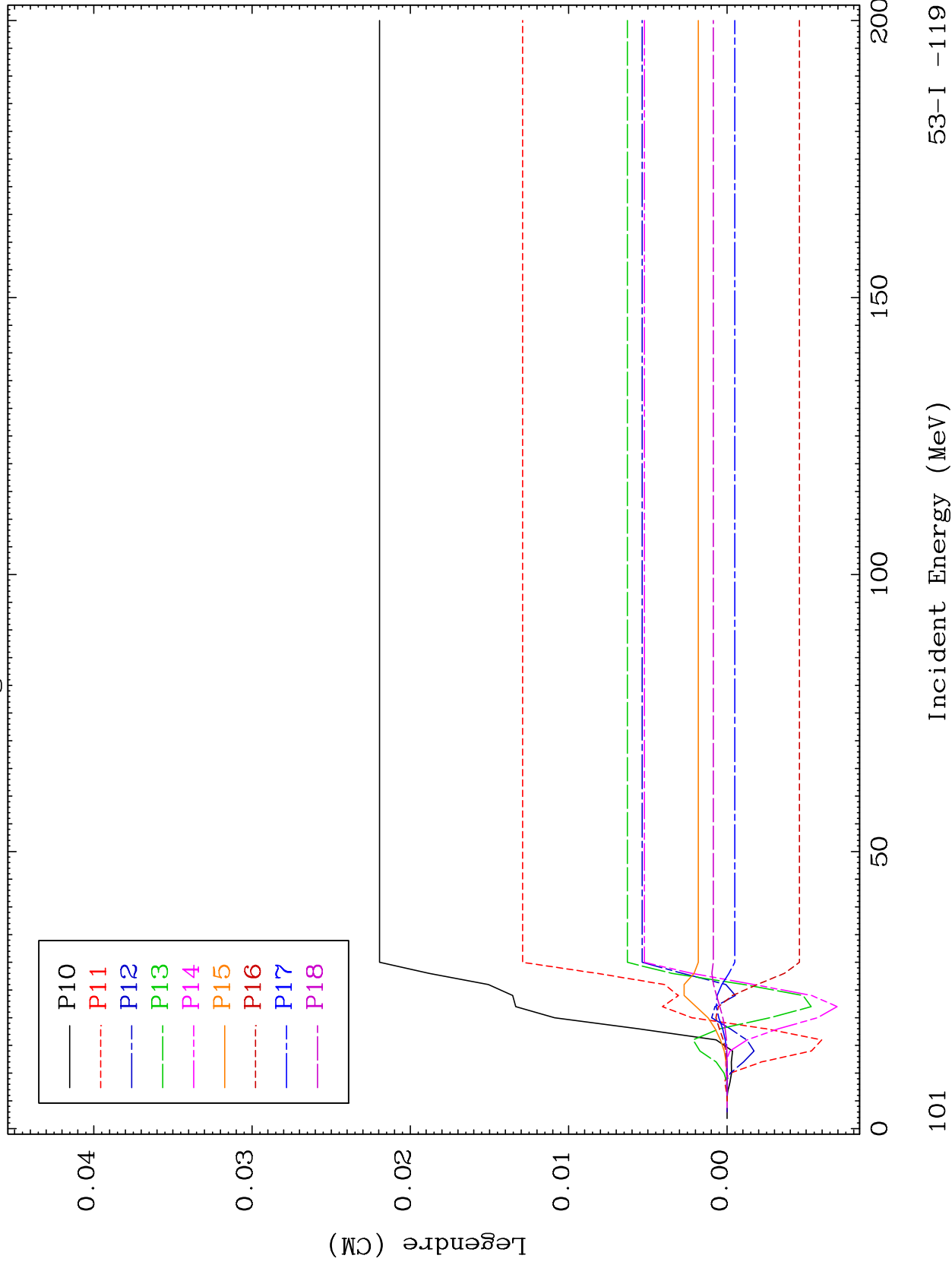


53-I -119

MAT 5301

1.393 MeV (n,n') Level
Legendre Coefficients

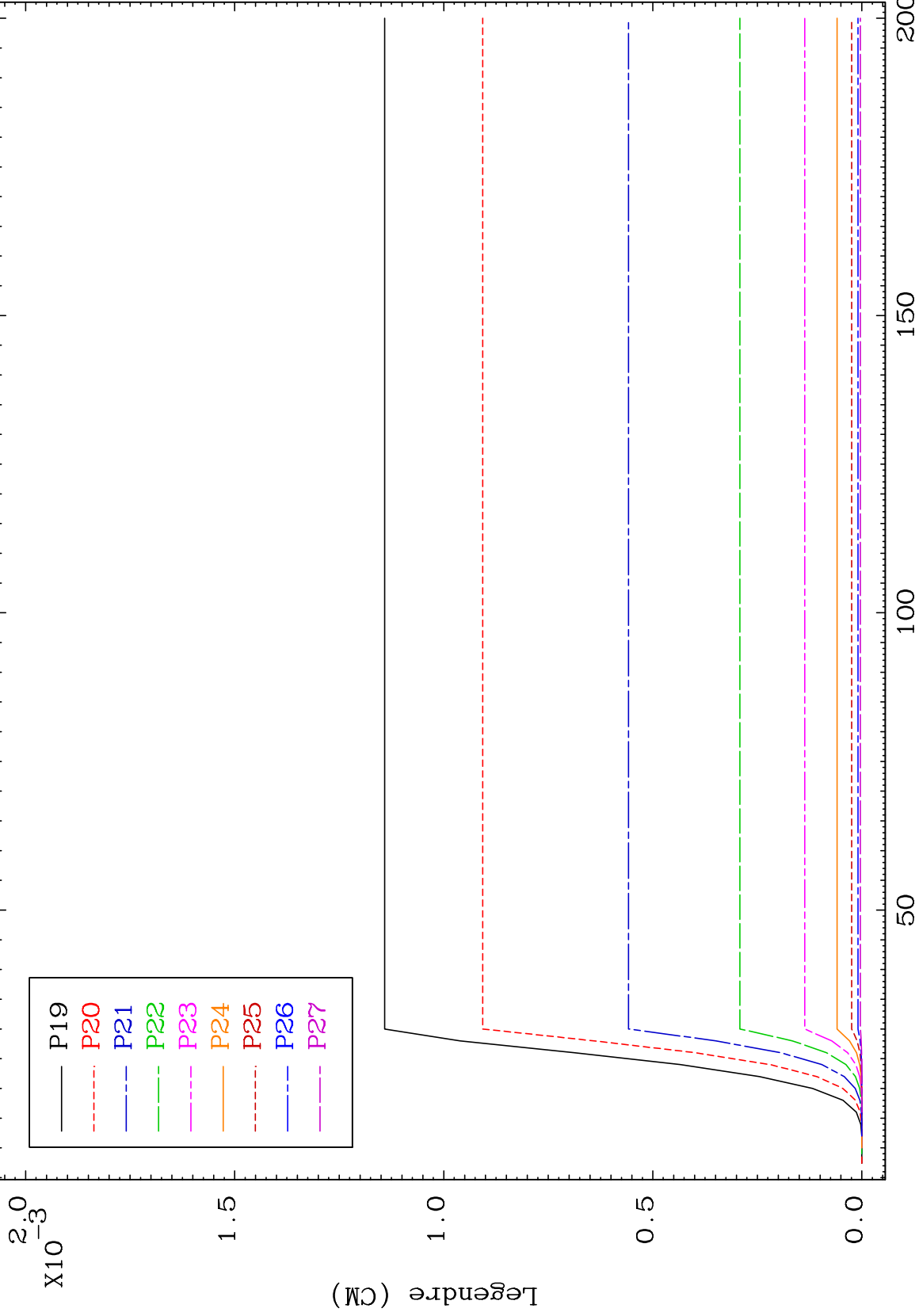
53-I -119



101

Incident Energy (MeV)

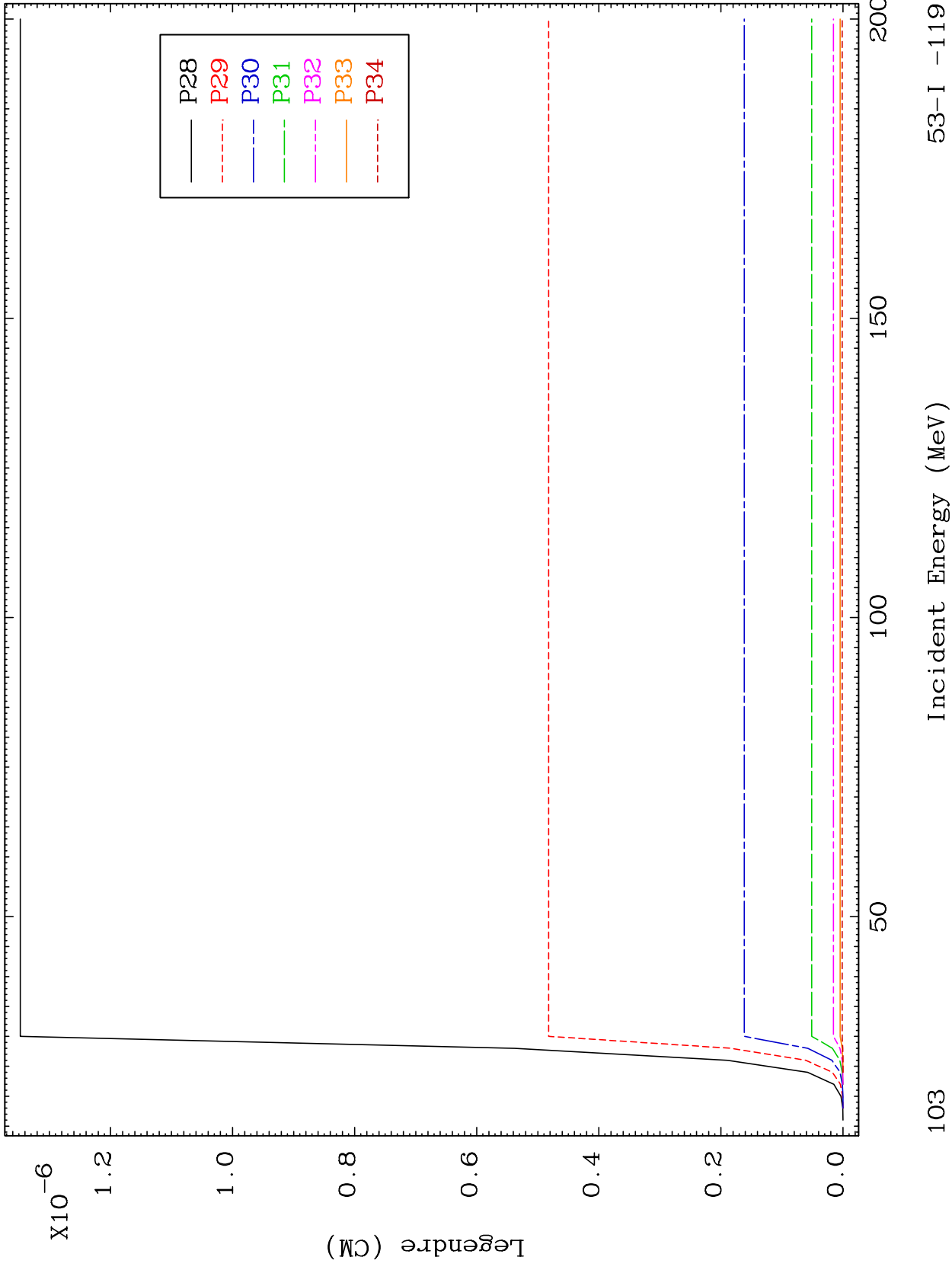
53-I -119

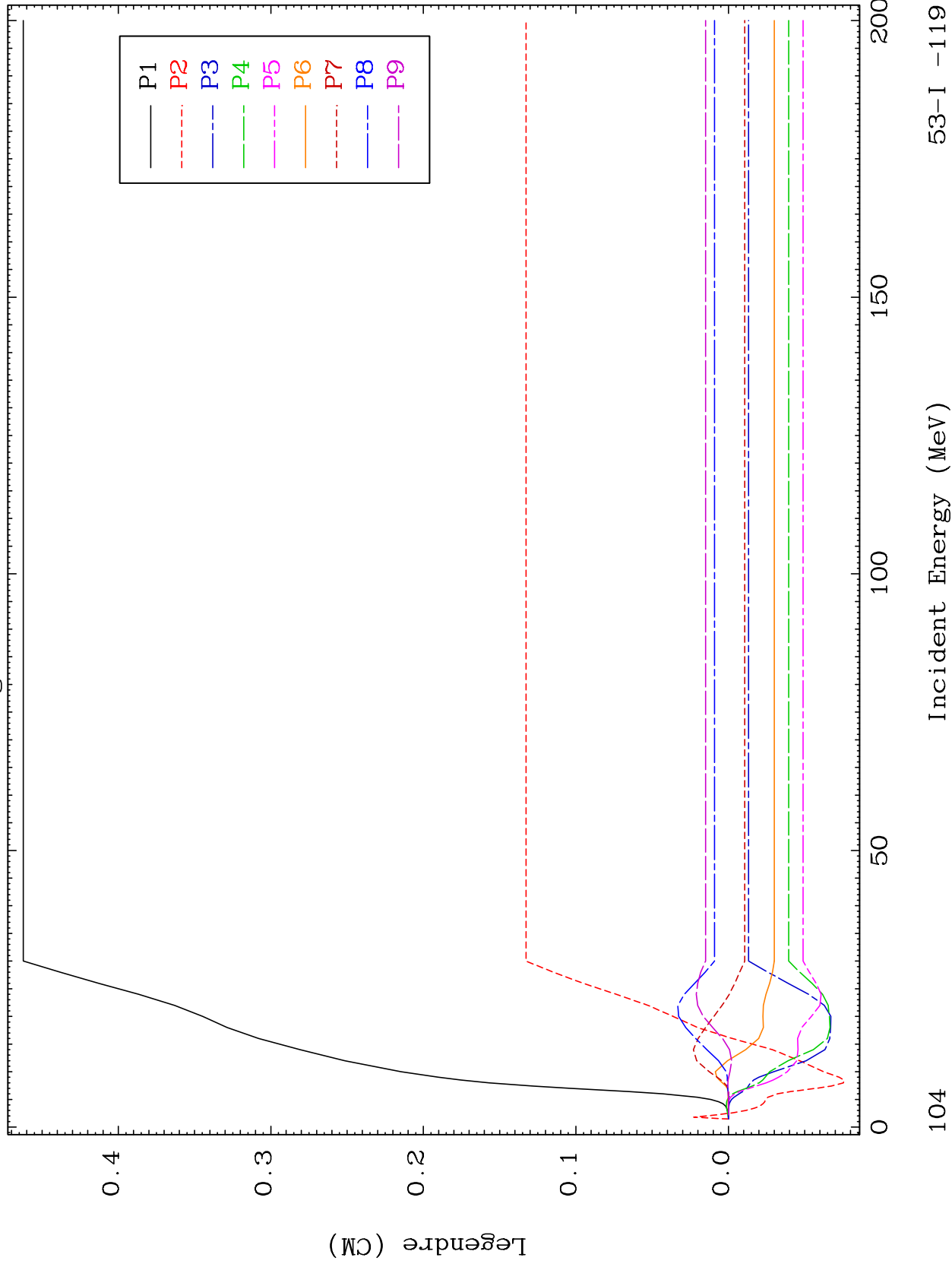


MAT 5301

1.393 MeV (n,n') Level
Legendre Coefficients

53-I -119

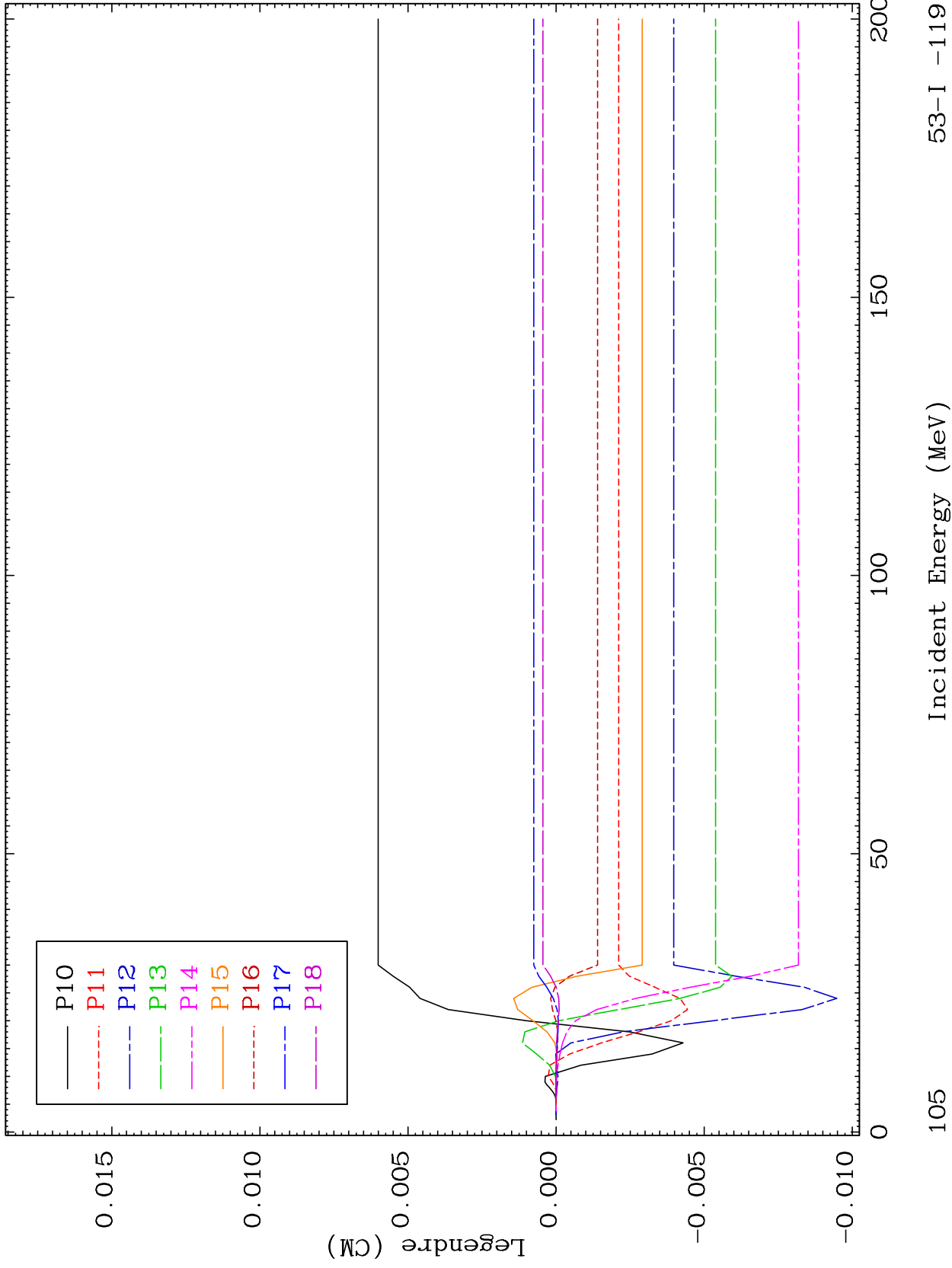




MAT 5301

1.443 MeV (n,n') Level
Legendre Coefficients

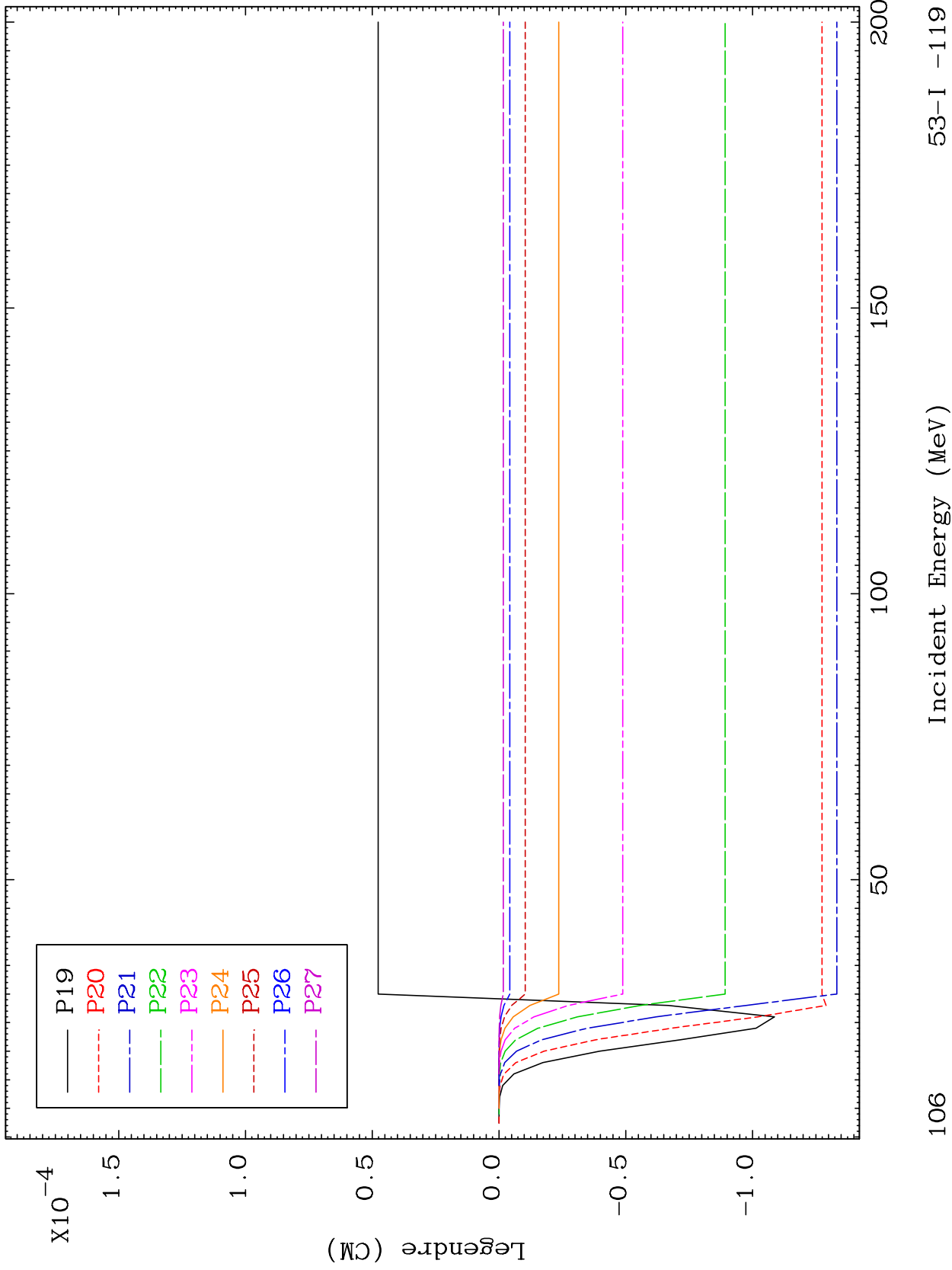
53-I -119

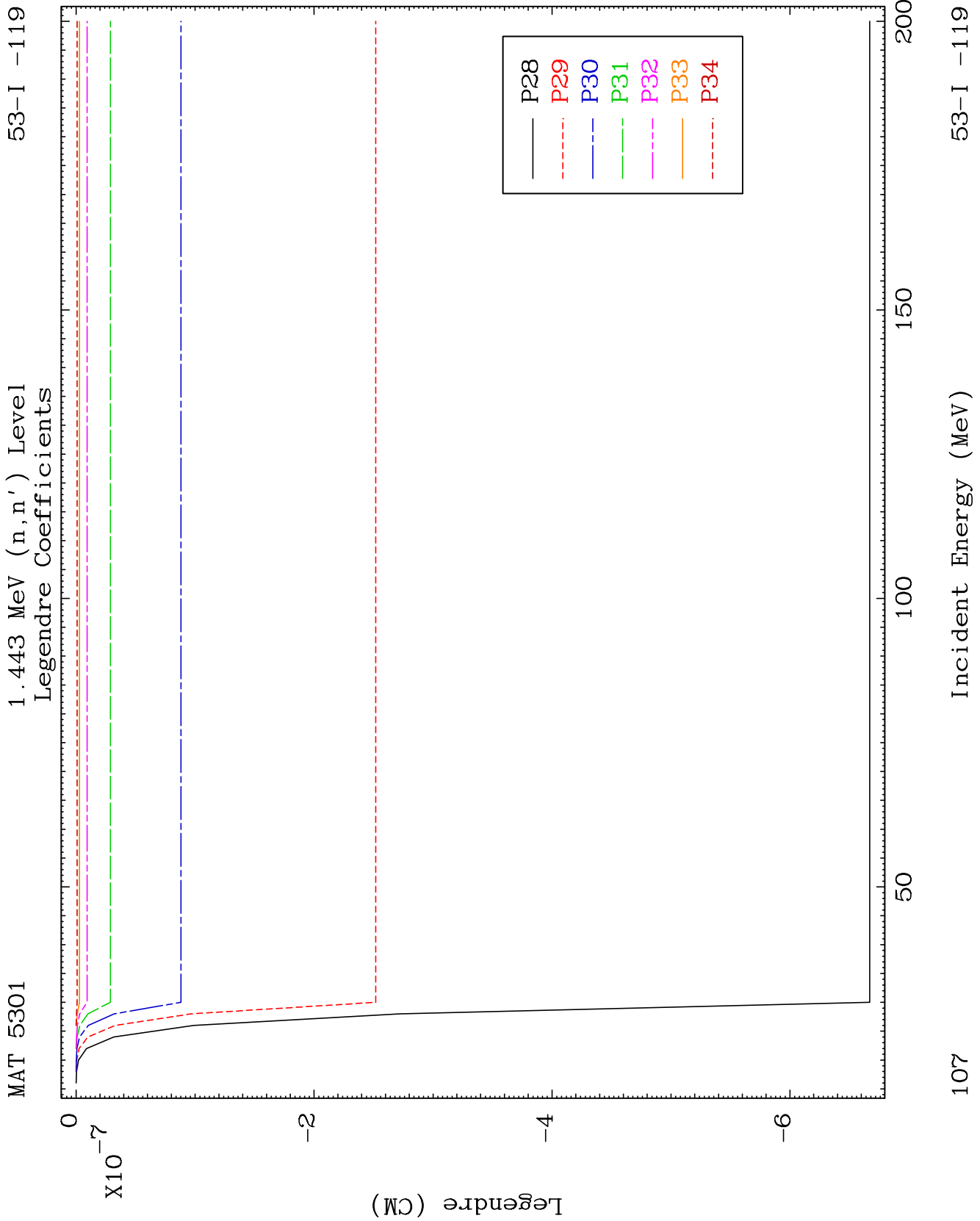


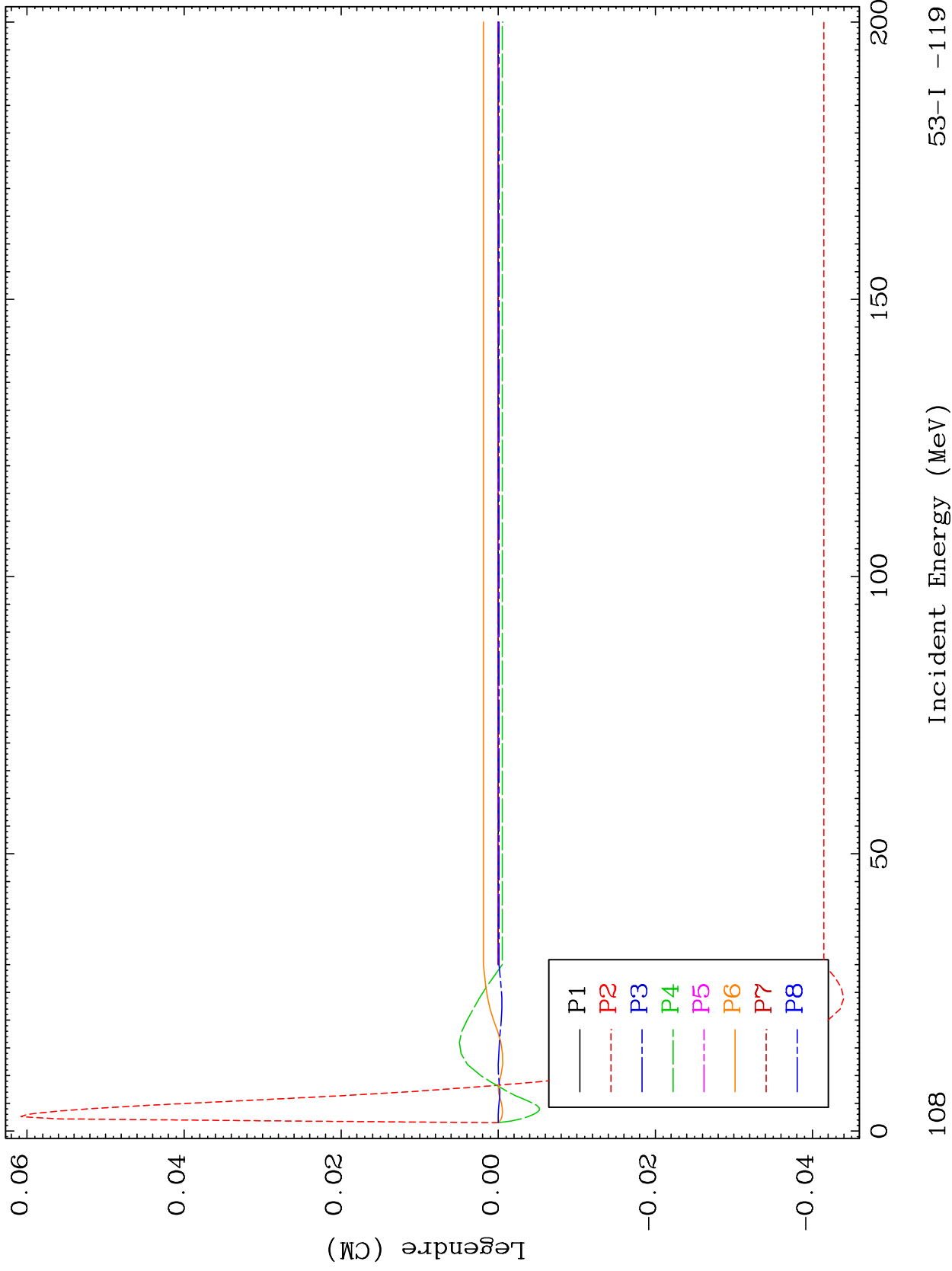
105

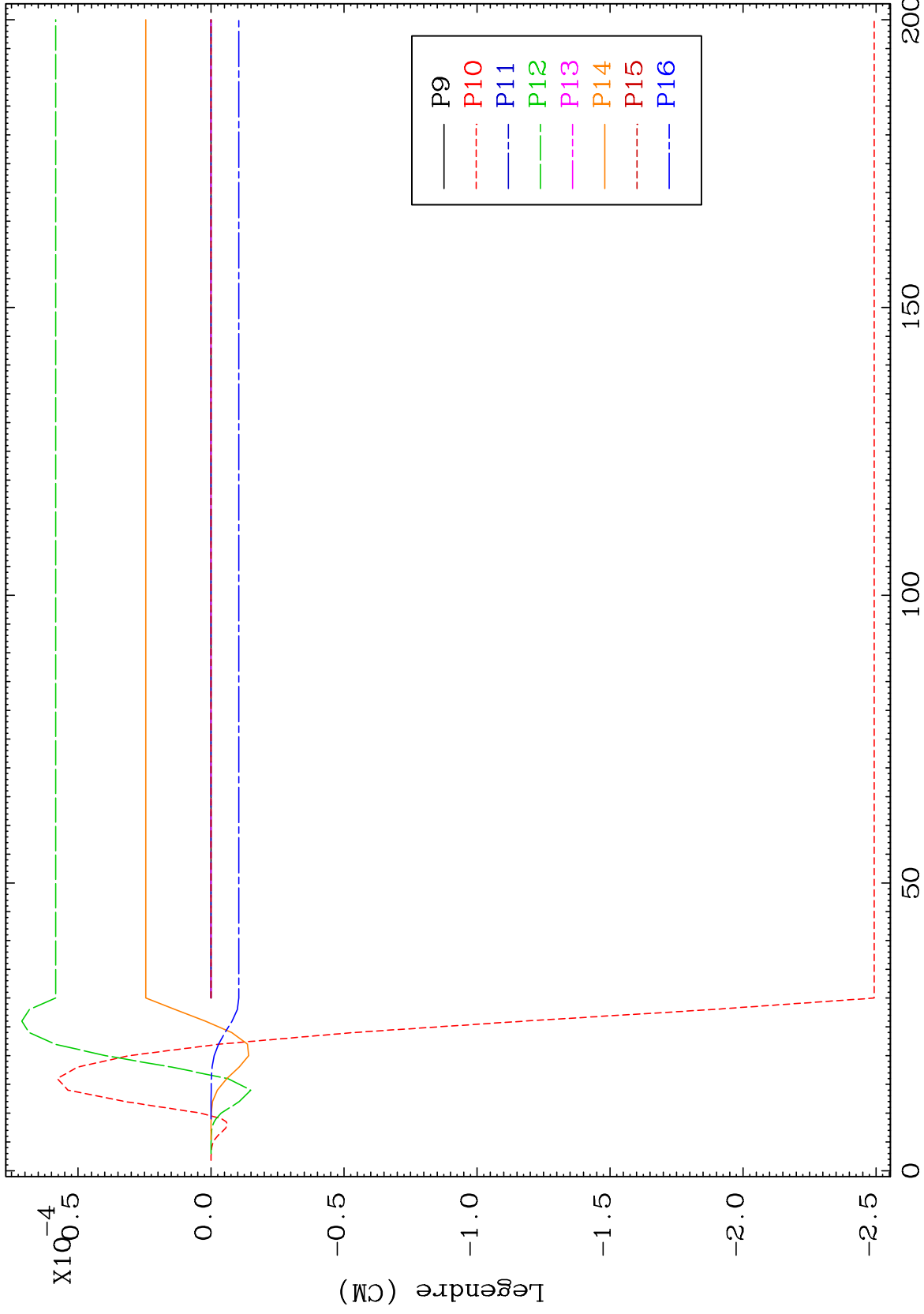
Incident Energy (MeV)

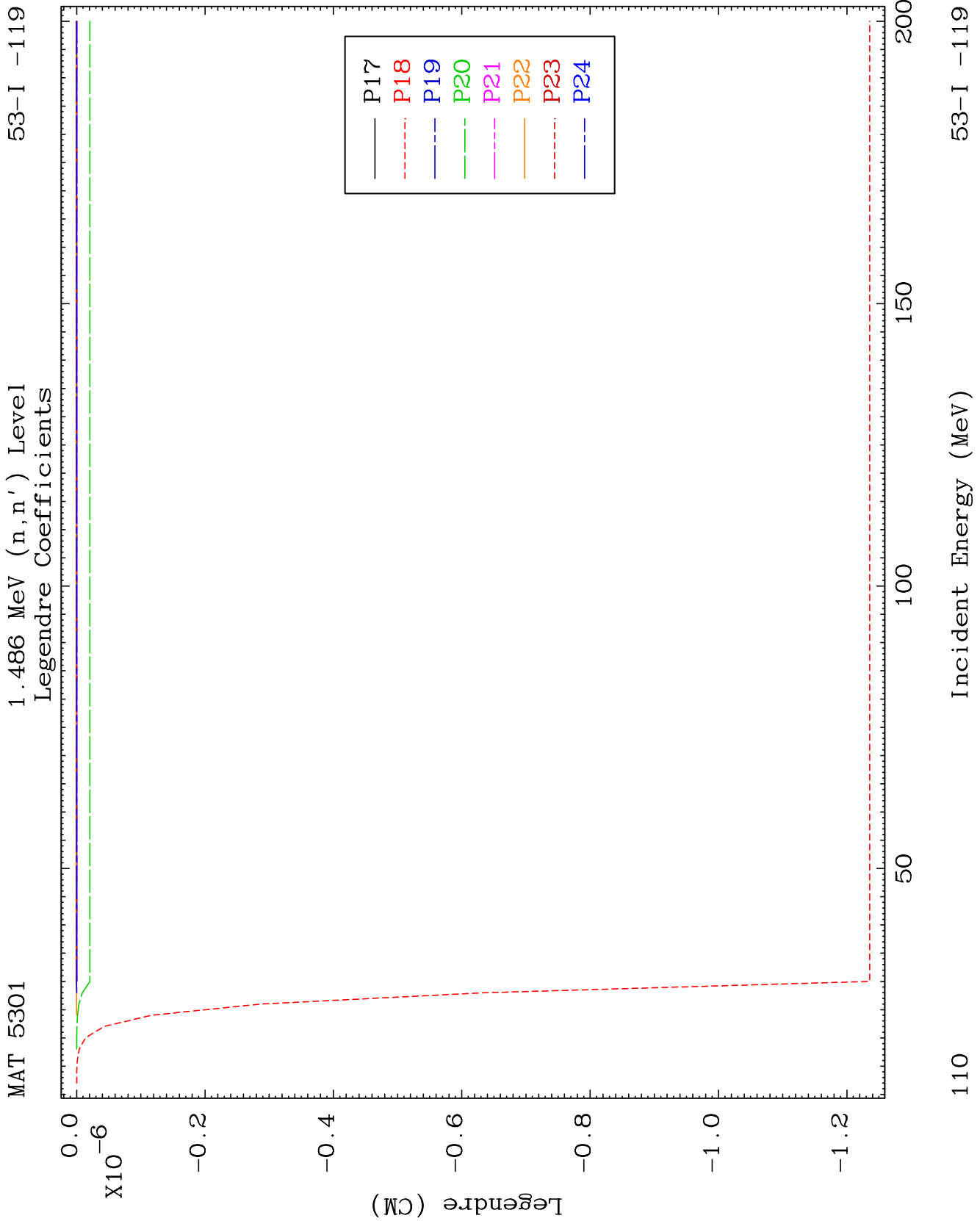
53-I -119







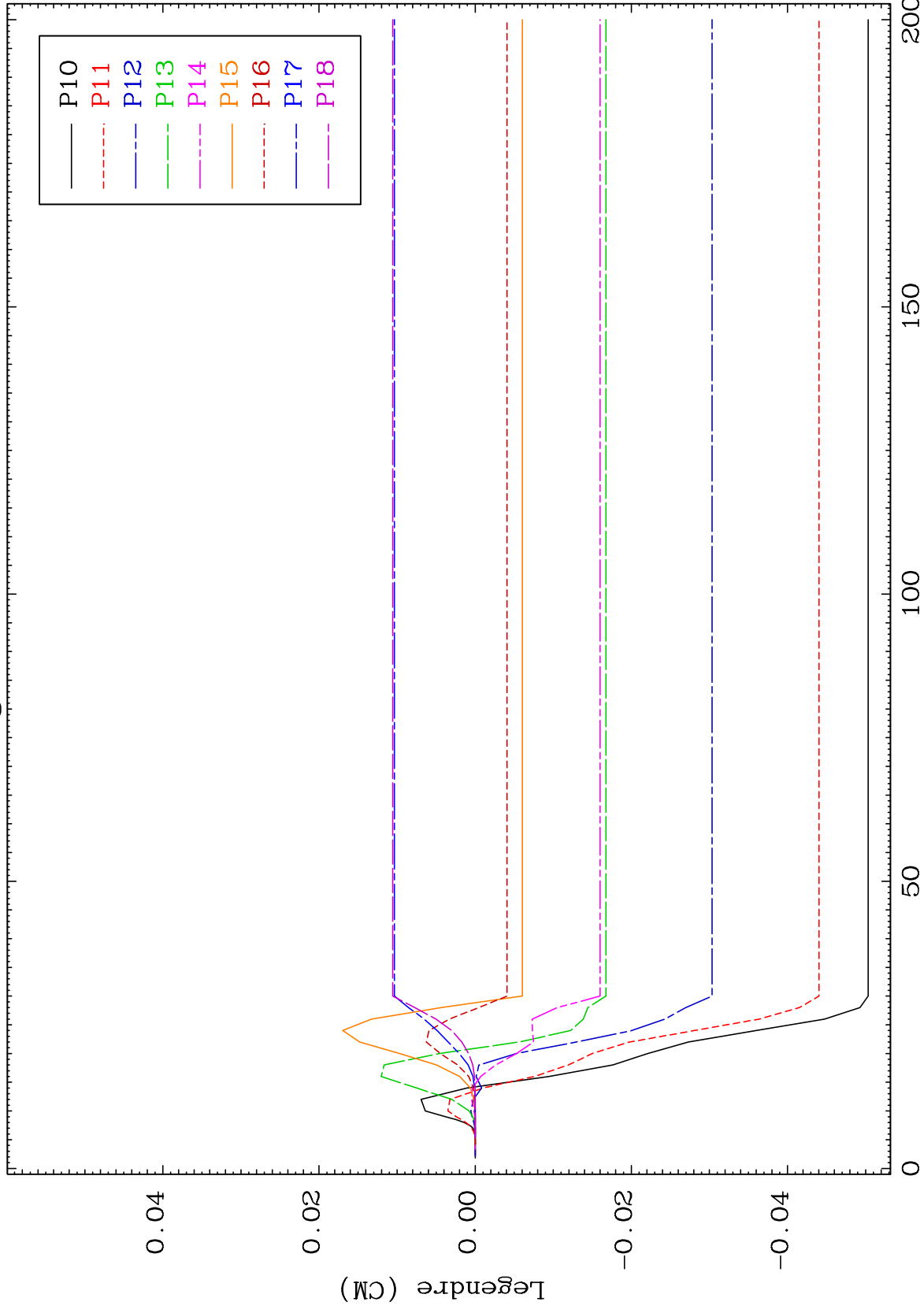




MAT 5301

1.540 MeV (n,n') Level
Legendre Coefficients

53-I -119



112

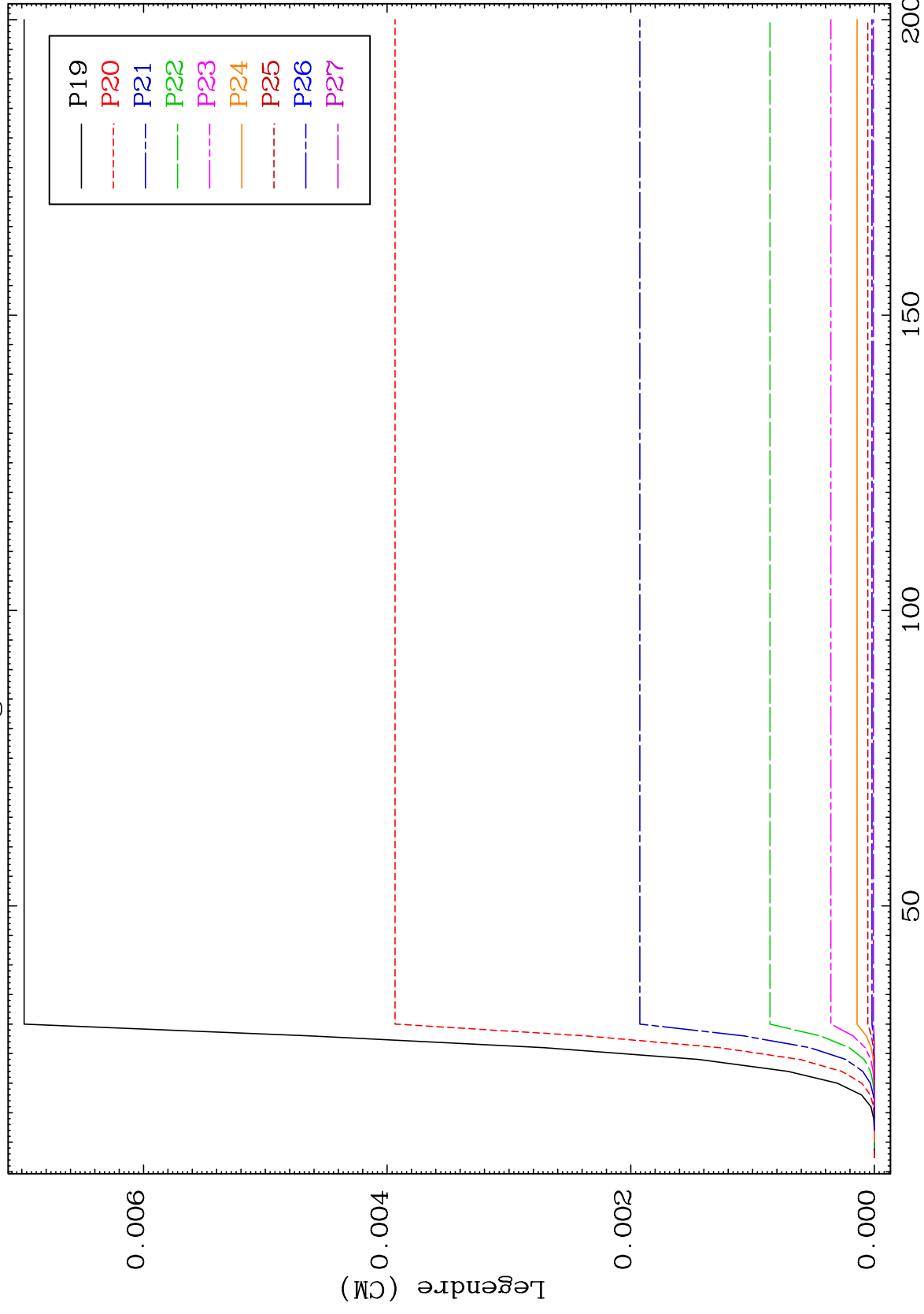
Incident Energy (MeV)

53-I -119

MAT 5301

1.540 MeV (n,n') Level
Legendre Coefficients

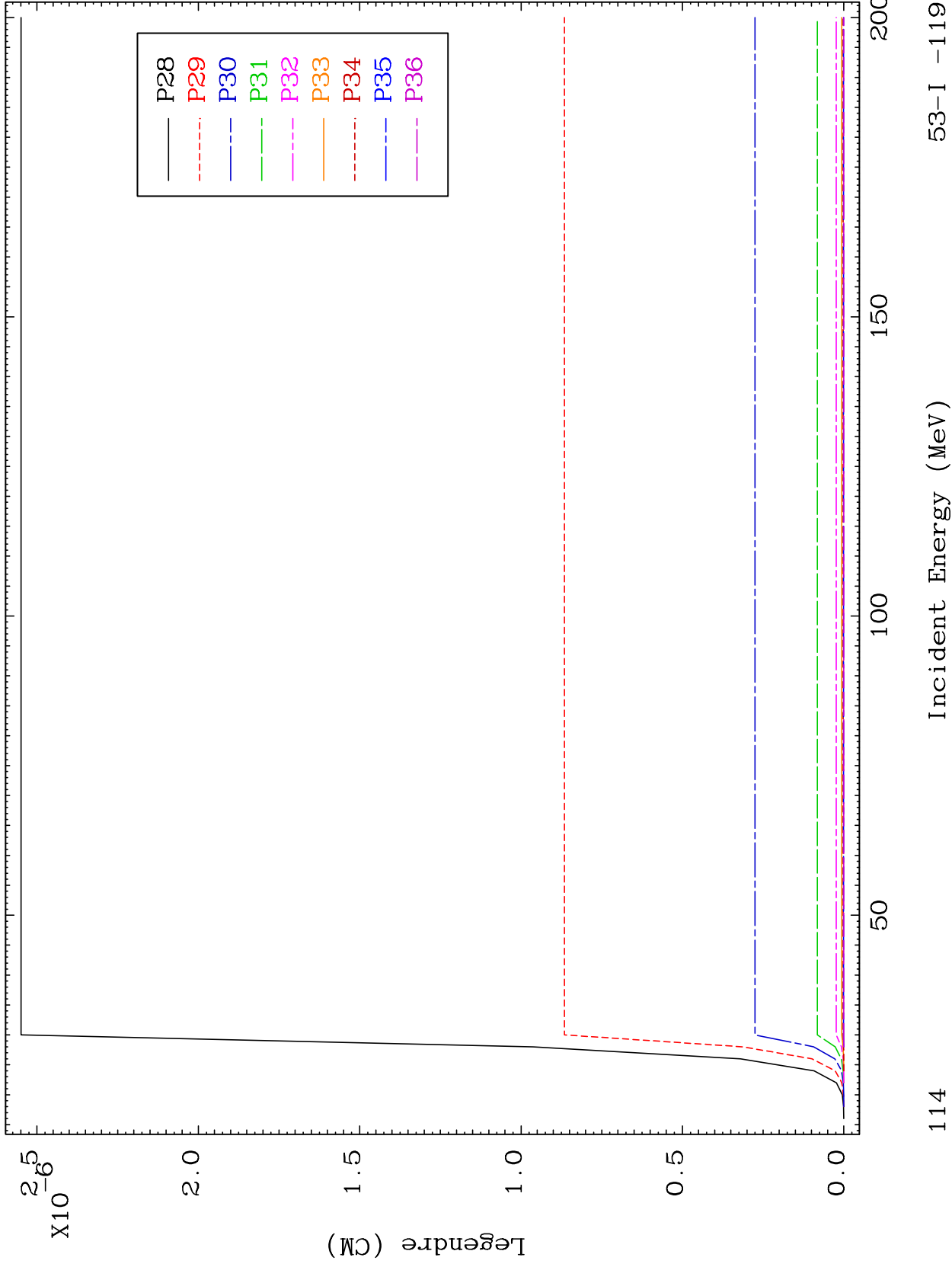
53-I -119



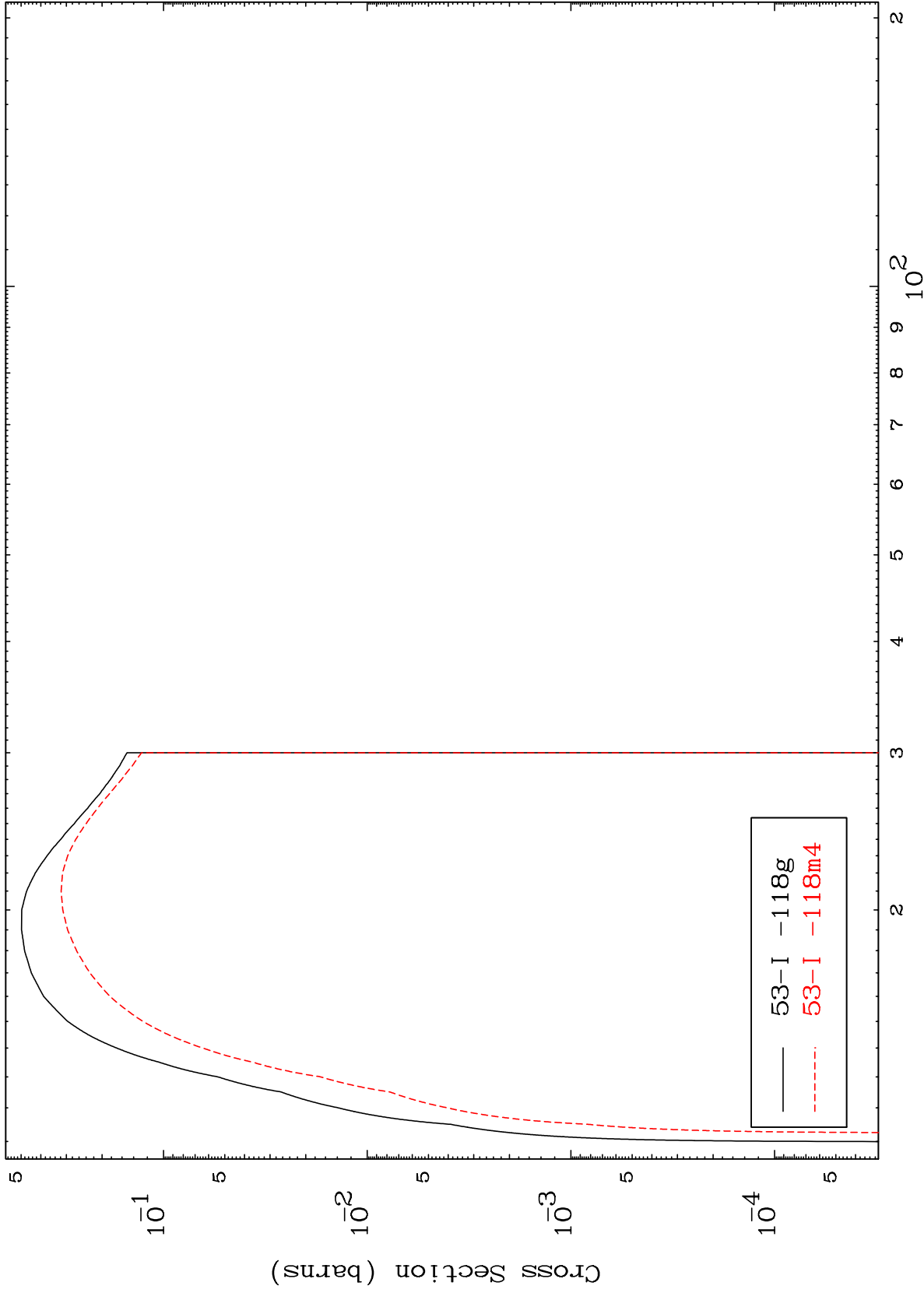
113

Incident Energy (MeV)

53-I -119



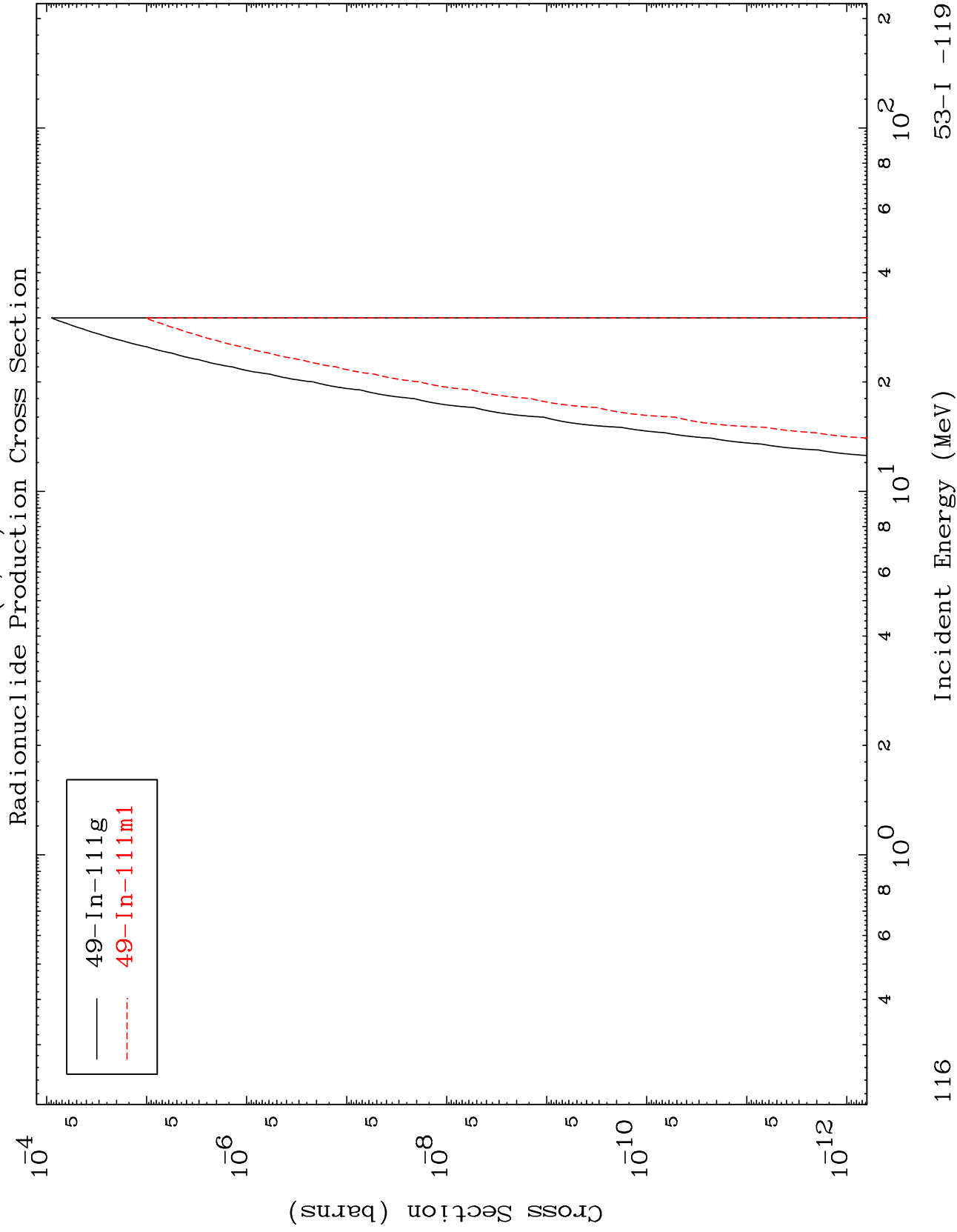
(n,2n)
Radionuclide Production Cross Section



MAT 5301

(n,n') 2α

53-I -119



116

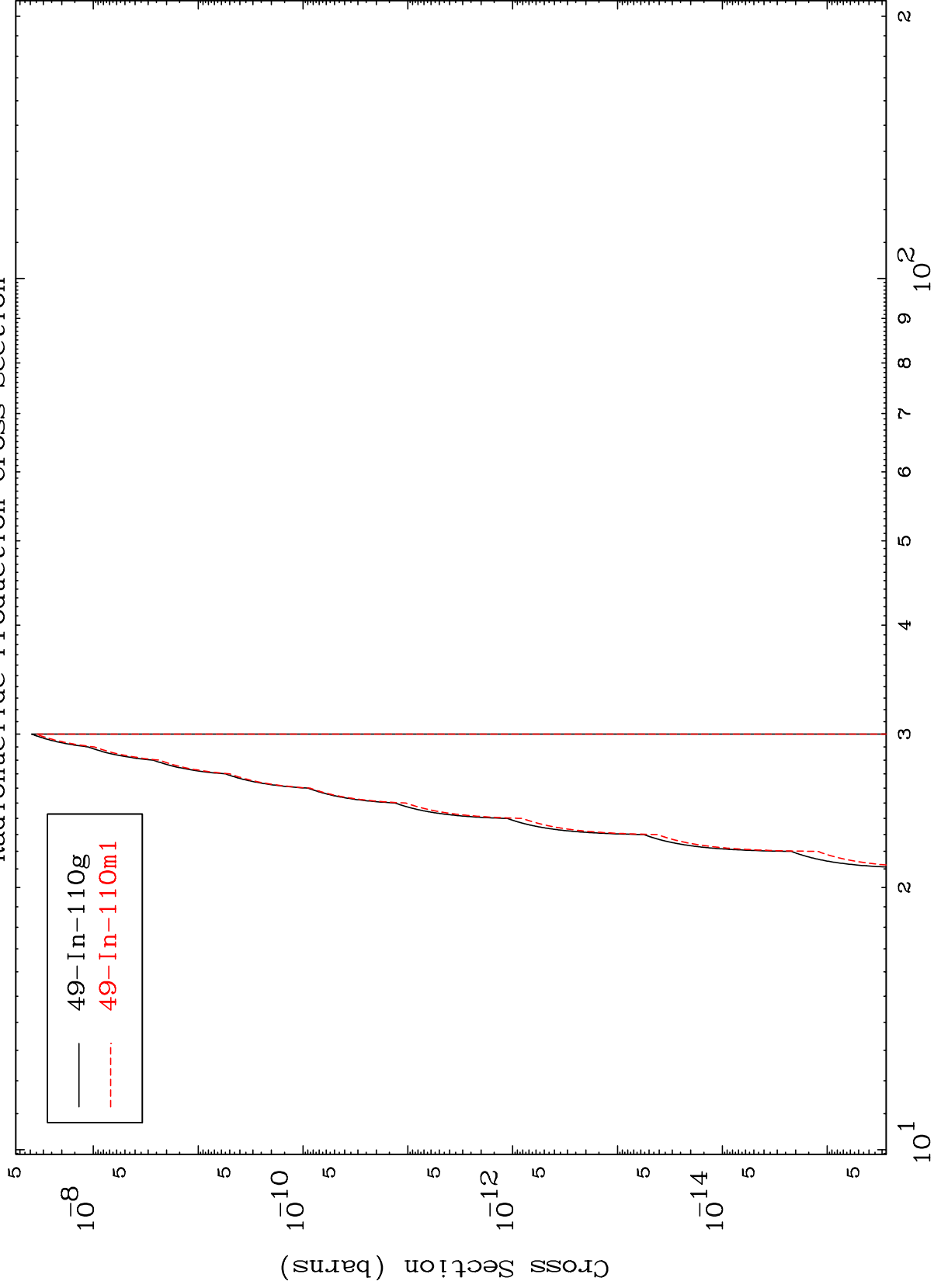
53-I -119

MAT 5301

(n,2n) 2α

53-I -119

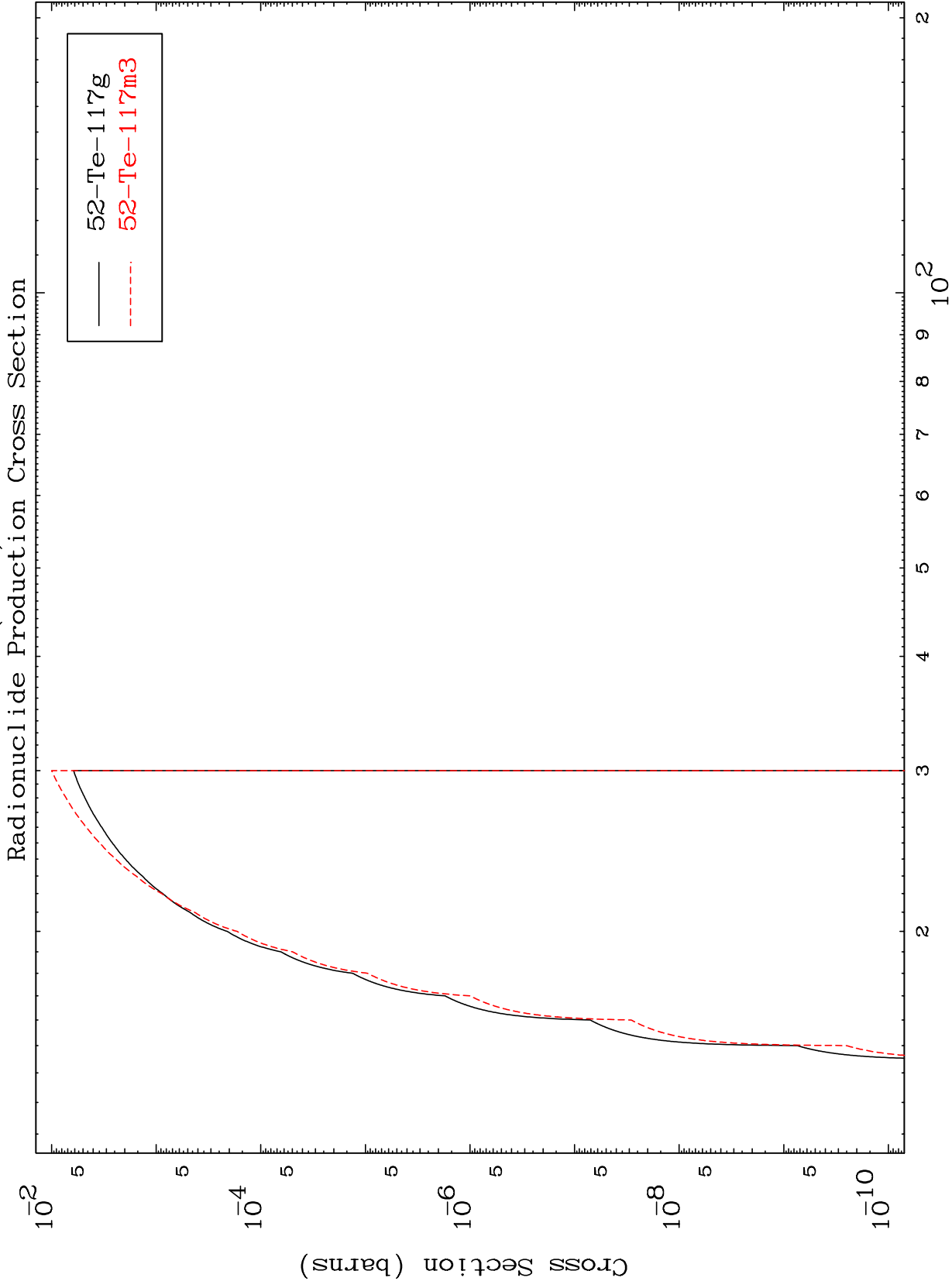
Radionuclide Production Cross Section



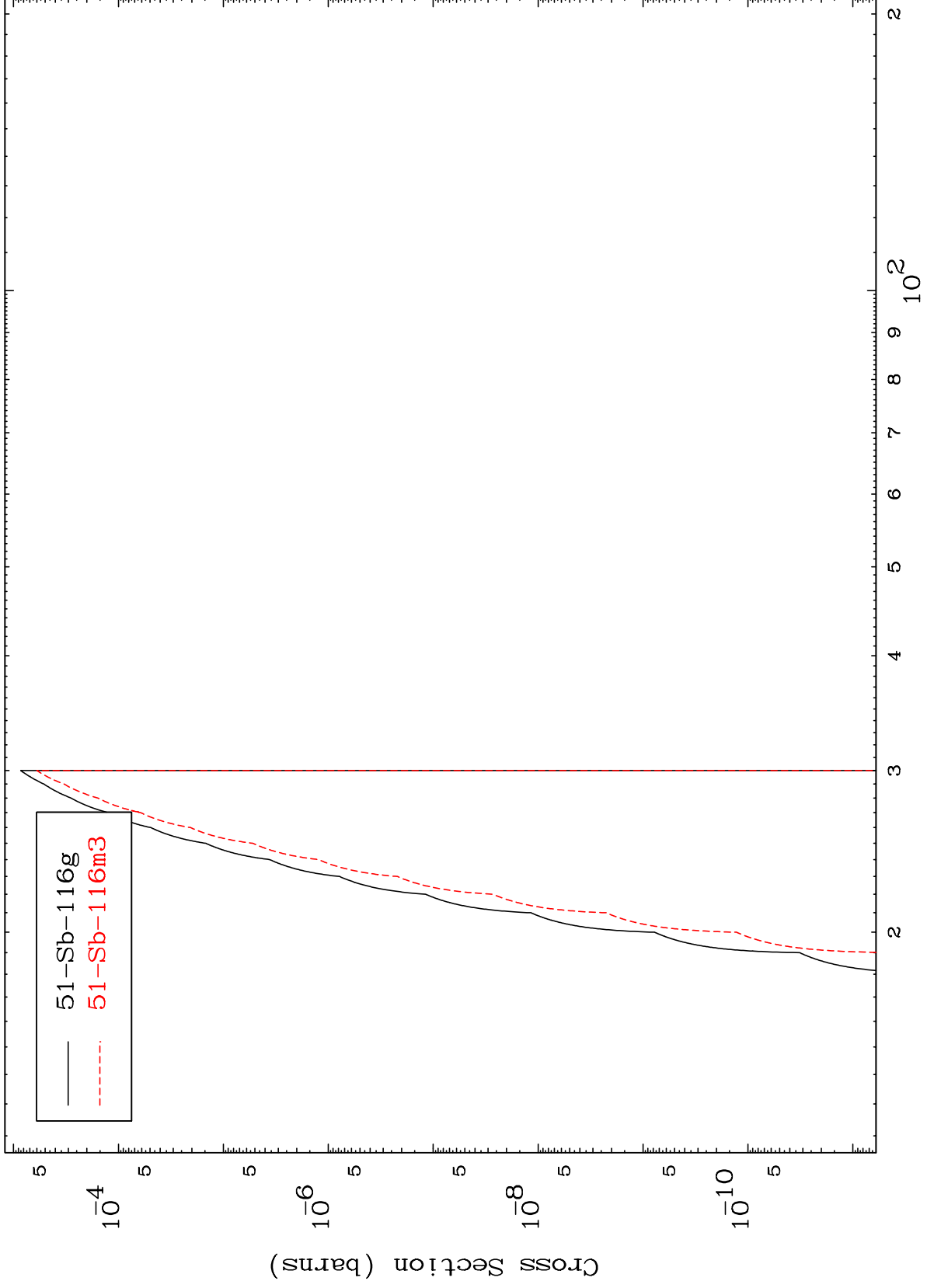
117

Incident Energy (MeV)

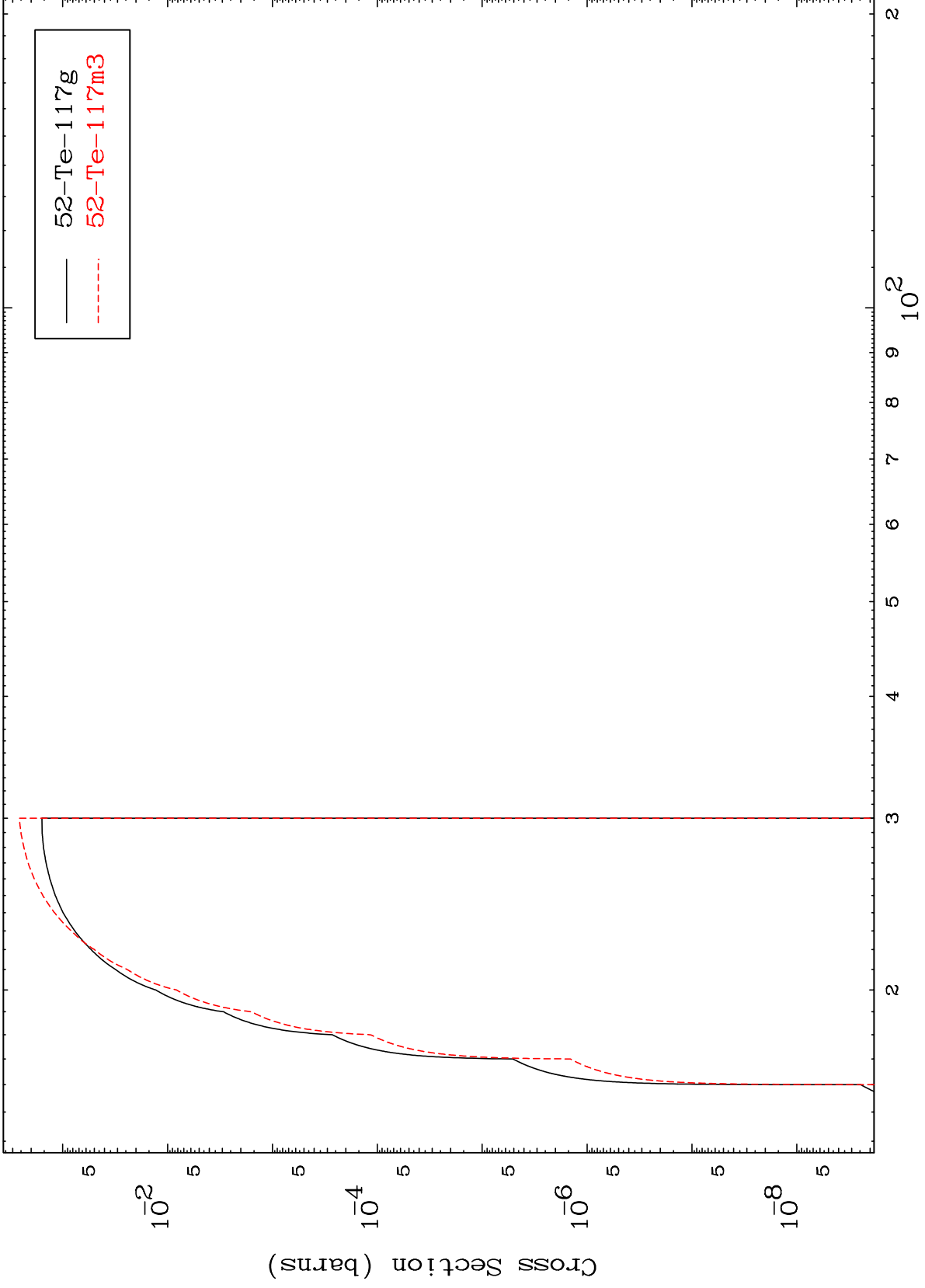
53-I -119



Radionuclide Production Cross Section



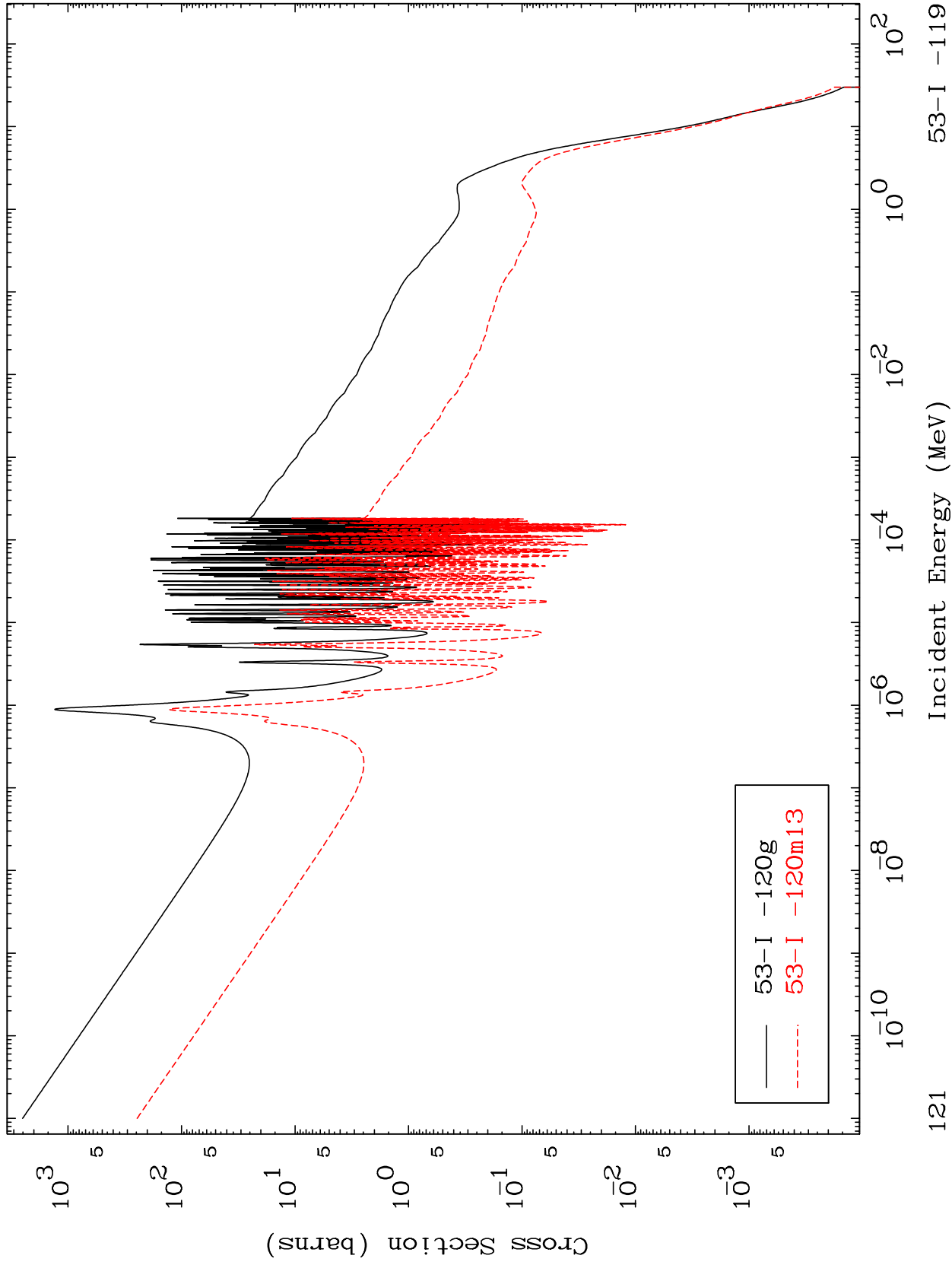
Radionuclide Production Cross Section



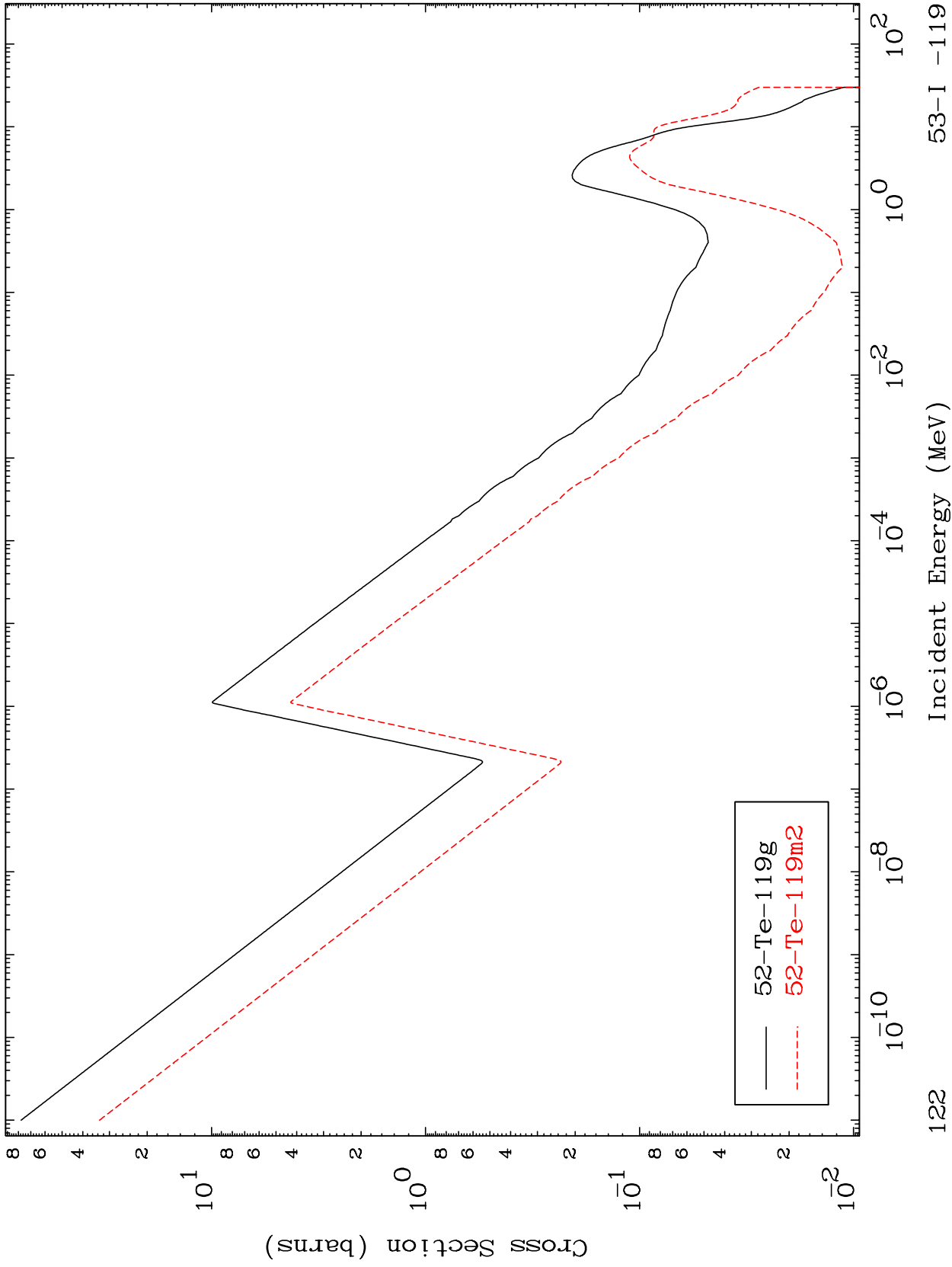
MAT 5301

53-I -119

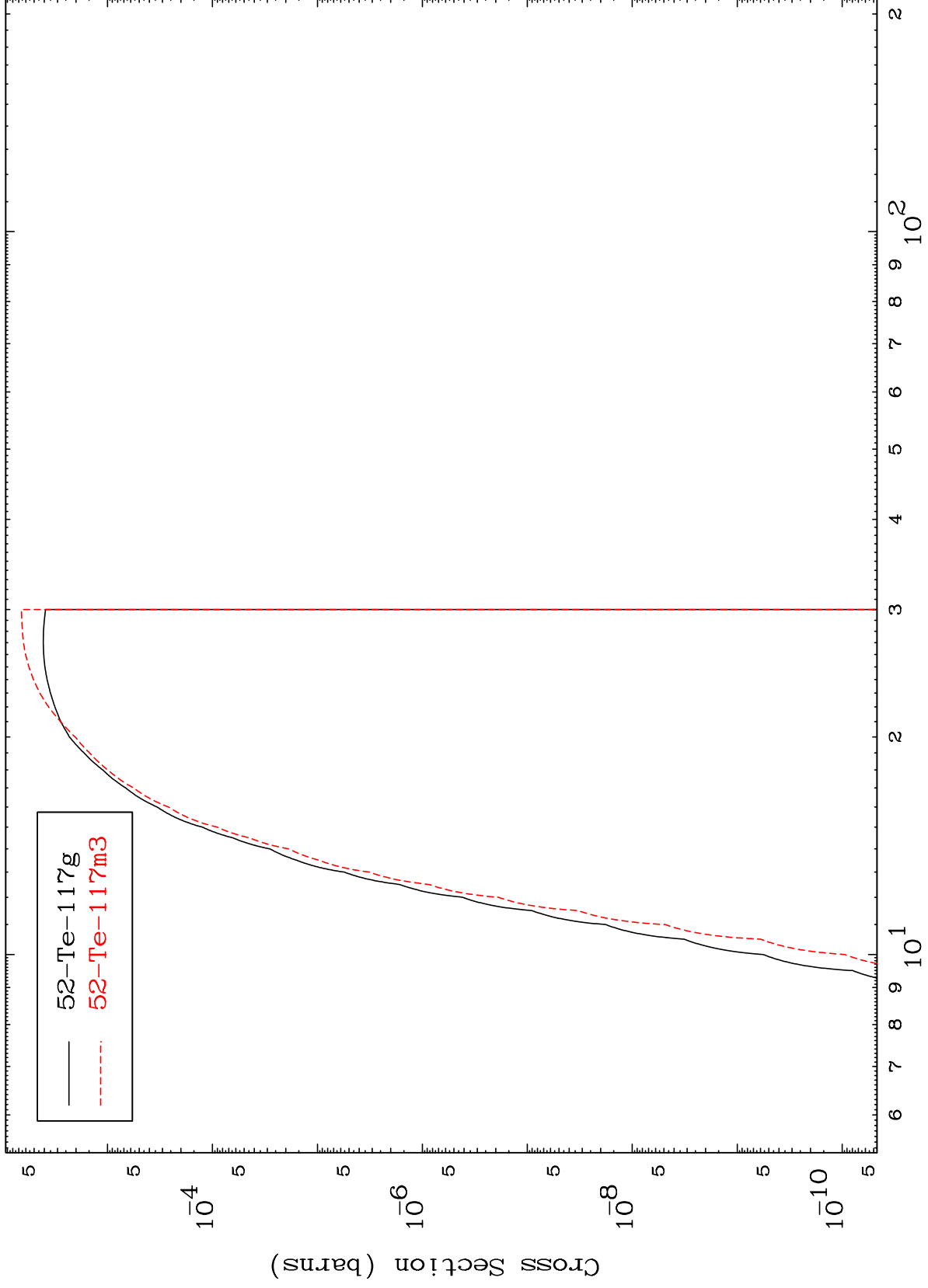
(n,γ)
Radionuclide Production Cross Section



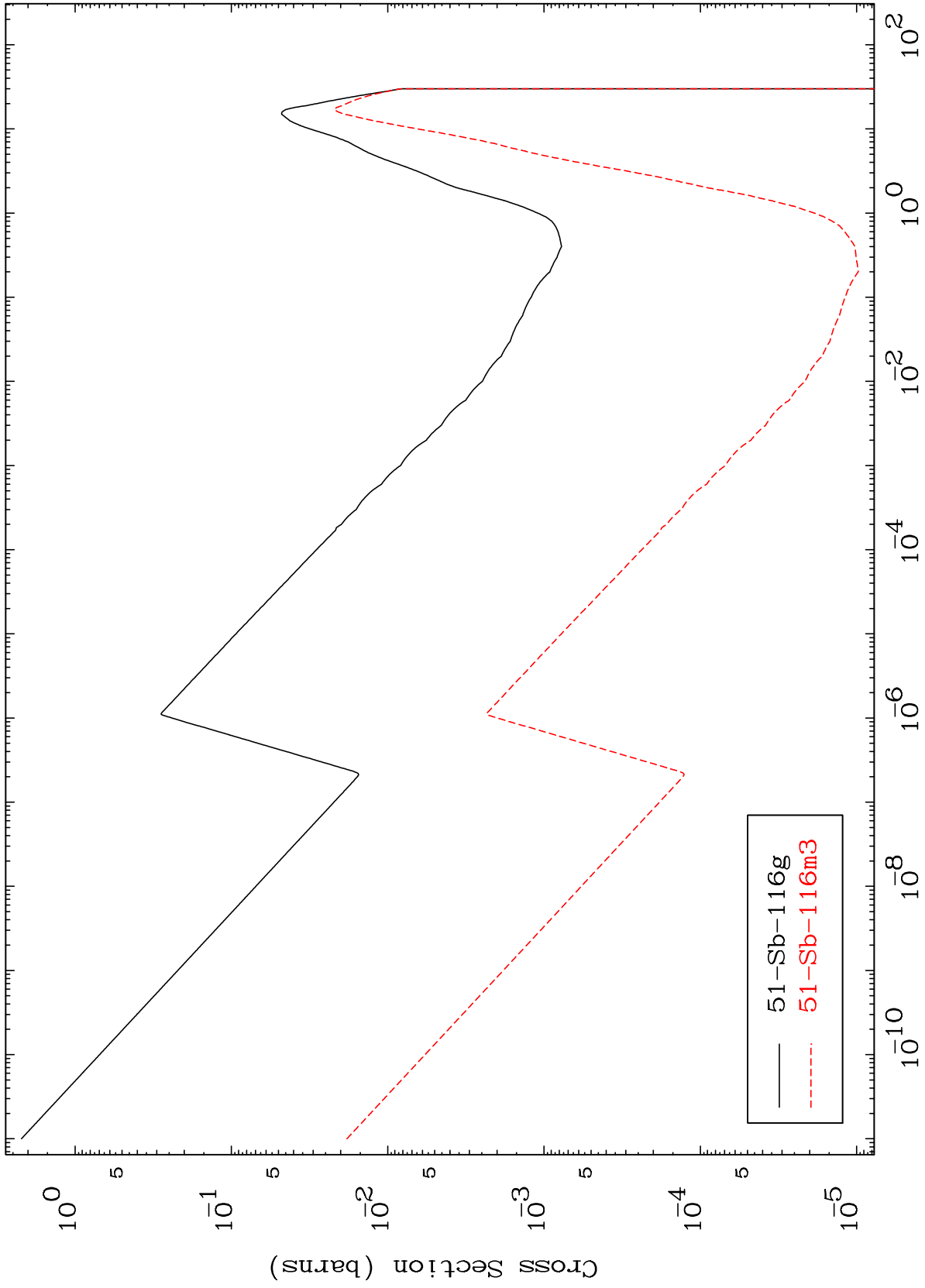
Radionuclide Production Cross Section (n,p)



(n,t)
Radionuclide Production Cross Section



Radionuclide Production Cross Section
(n, α)

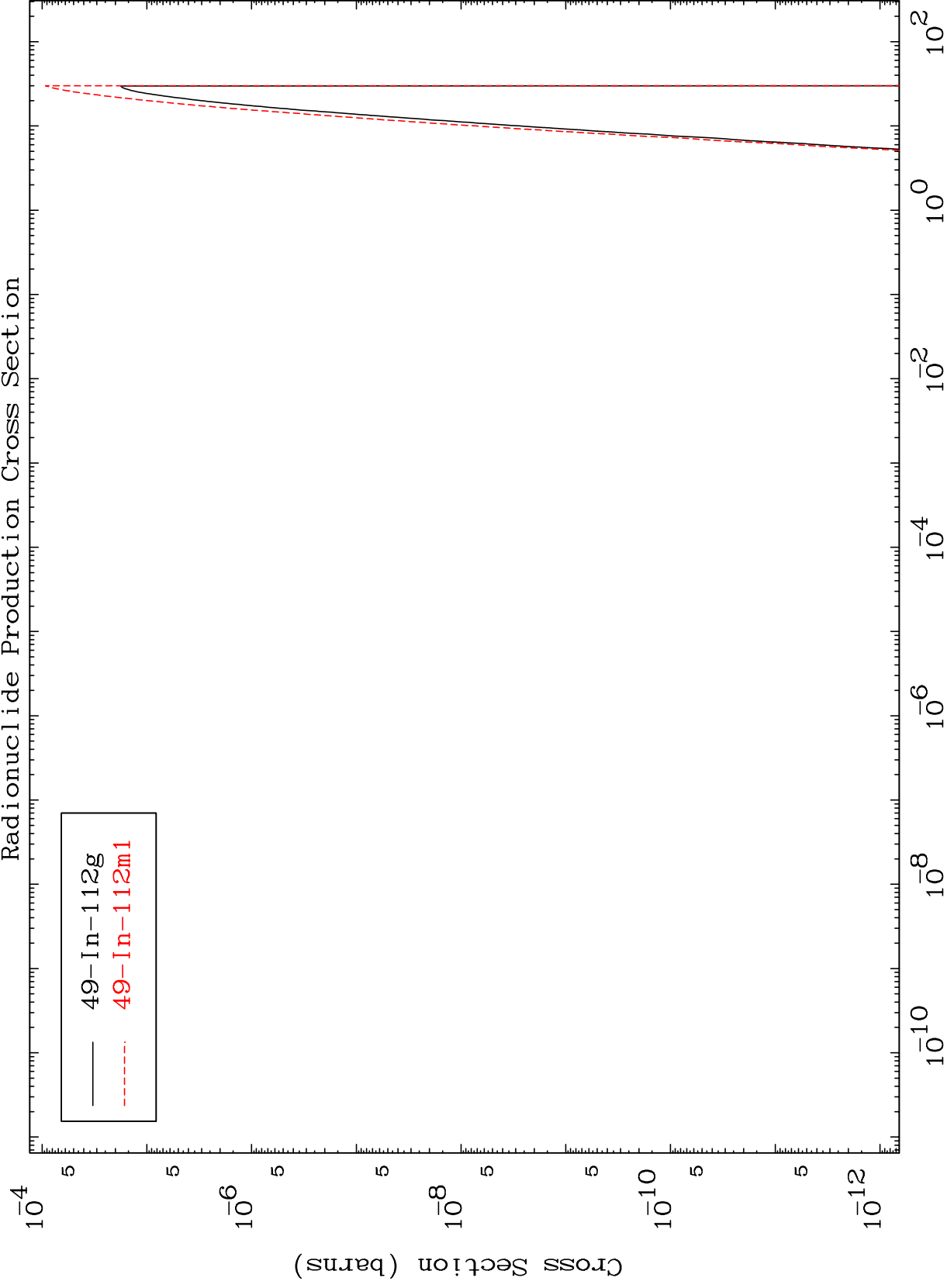


MAT 5301

(n,2α)

53-I -119

Radionuclide Production Cross Section

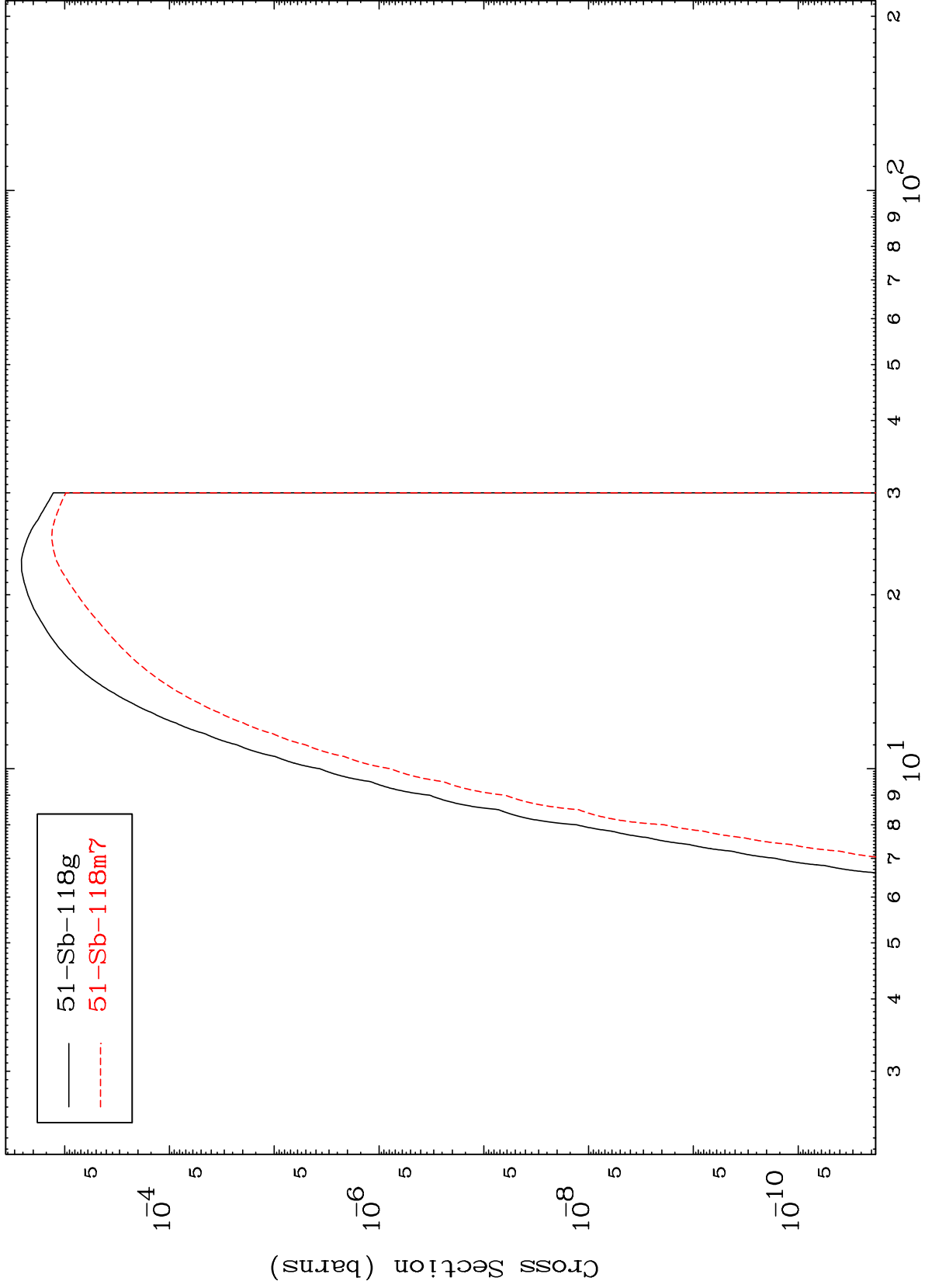


125

Incident Energy (MeV)

53-I -119

Radionuclide Production Cross Section
(n,2p)



51-Sb-118g
51-Sb-118m7

Radionuclide Production Cross Section

