

Program EVALPLOT
(Version 2015-2)

by

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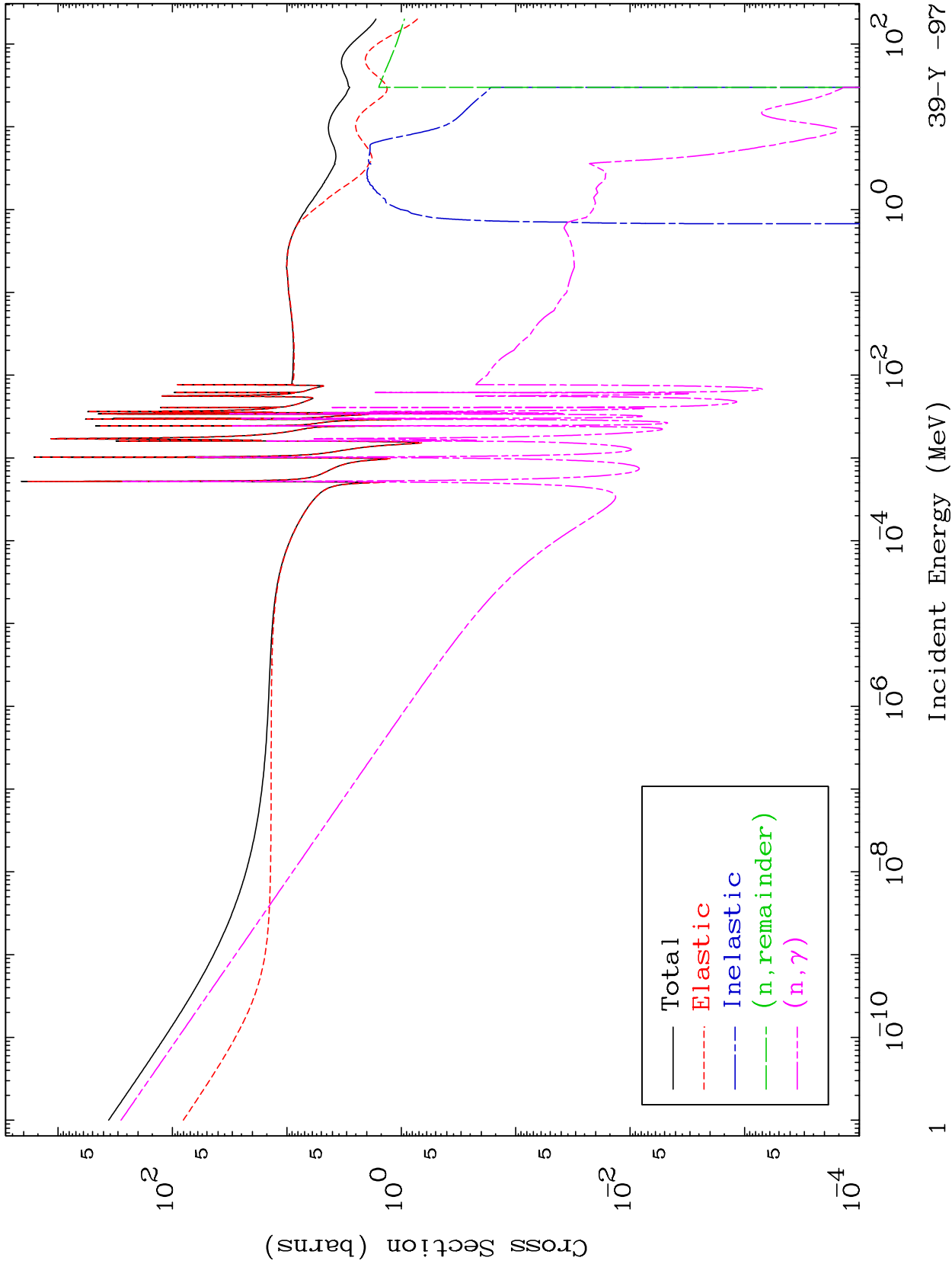
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

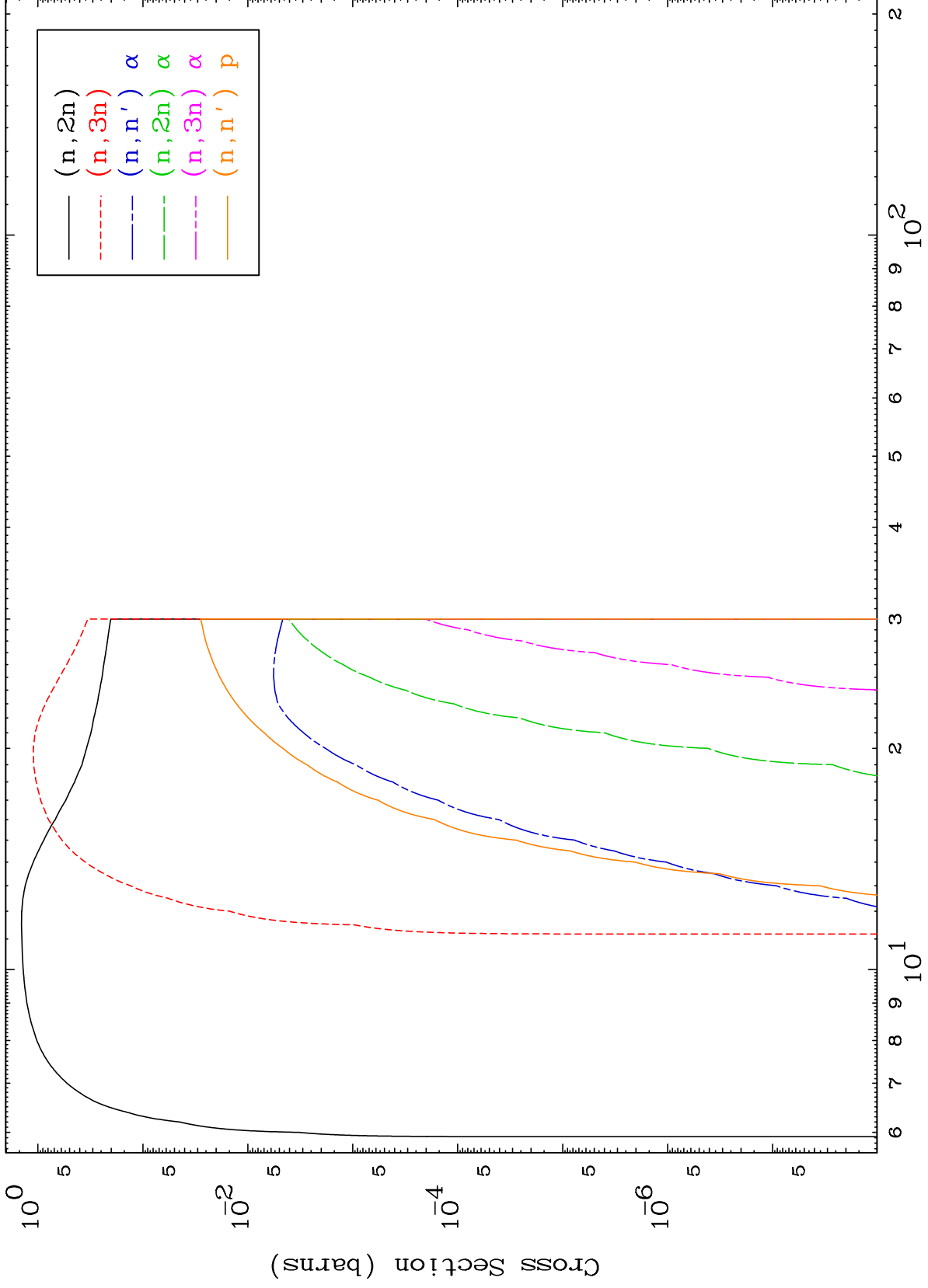
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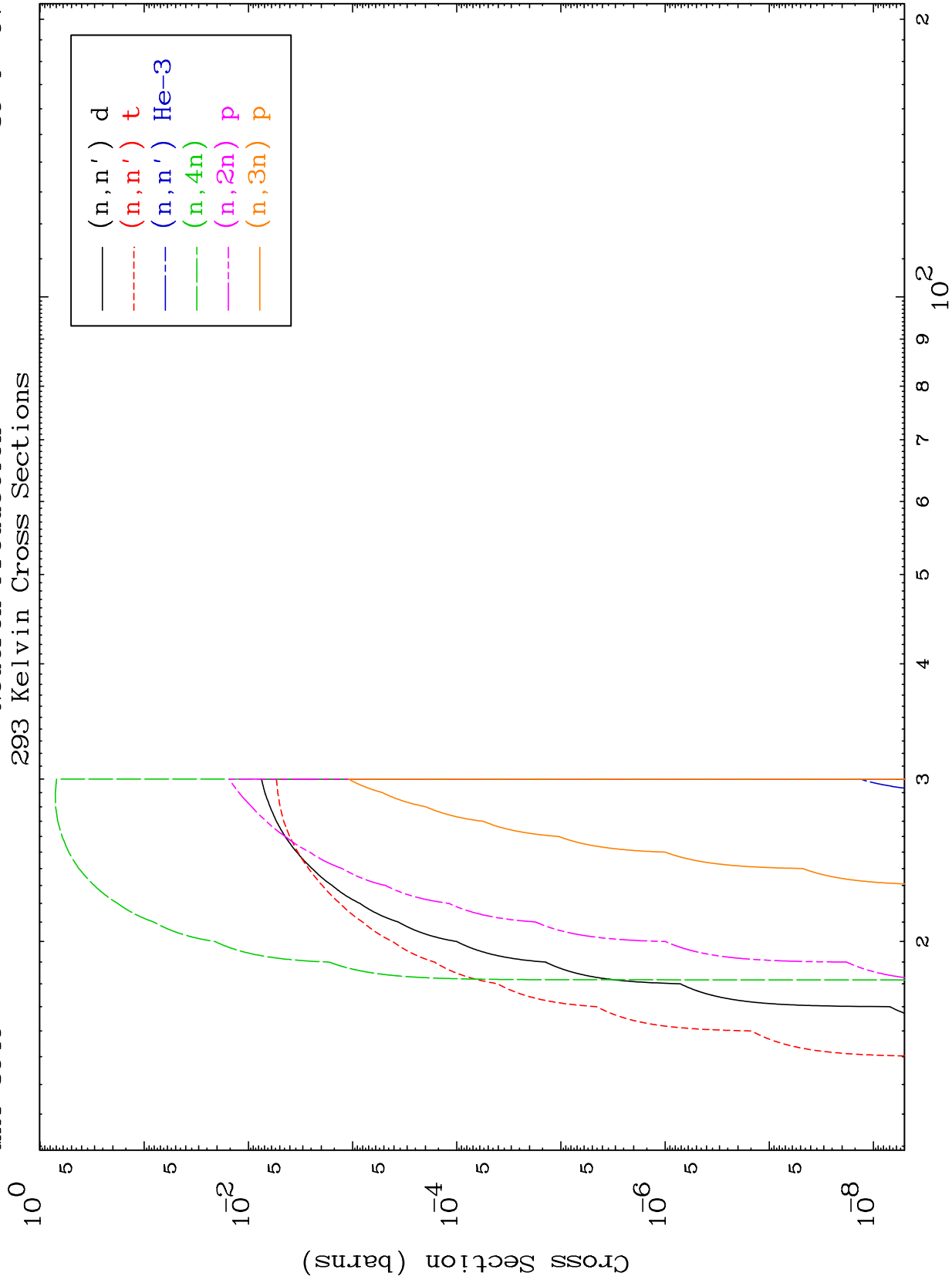
MAT 3949

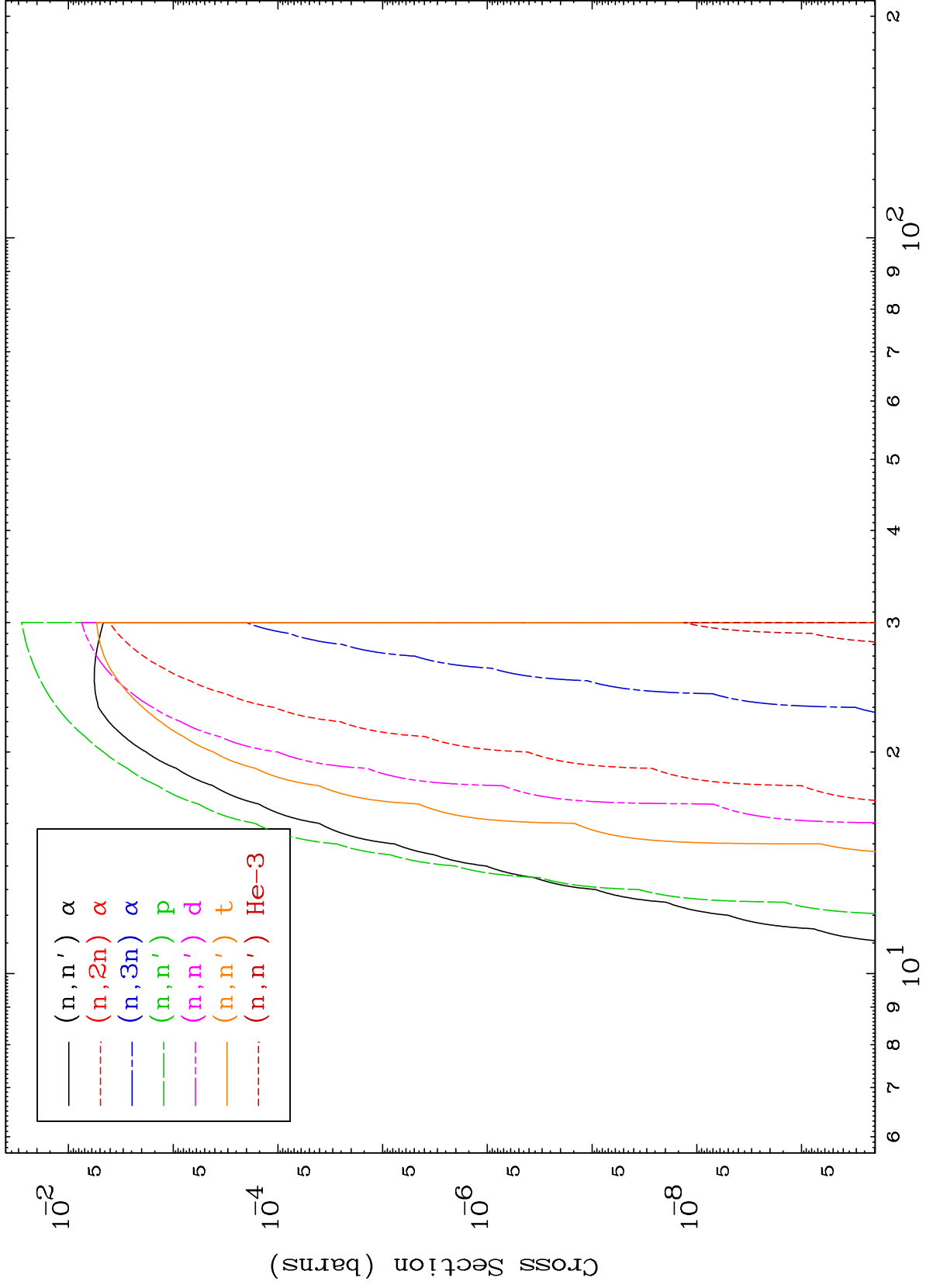
Major
293 Kelvin Cross Sections

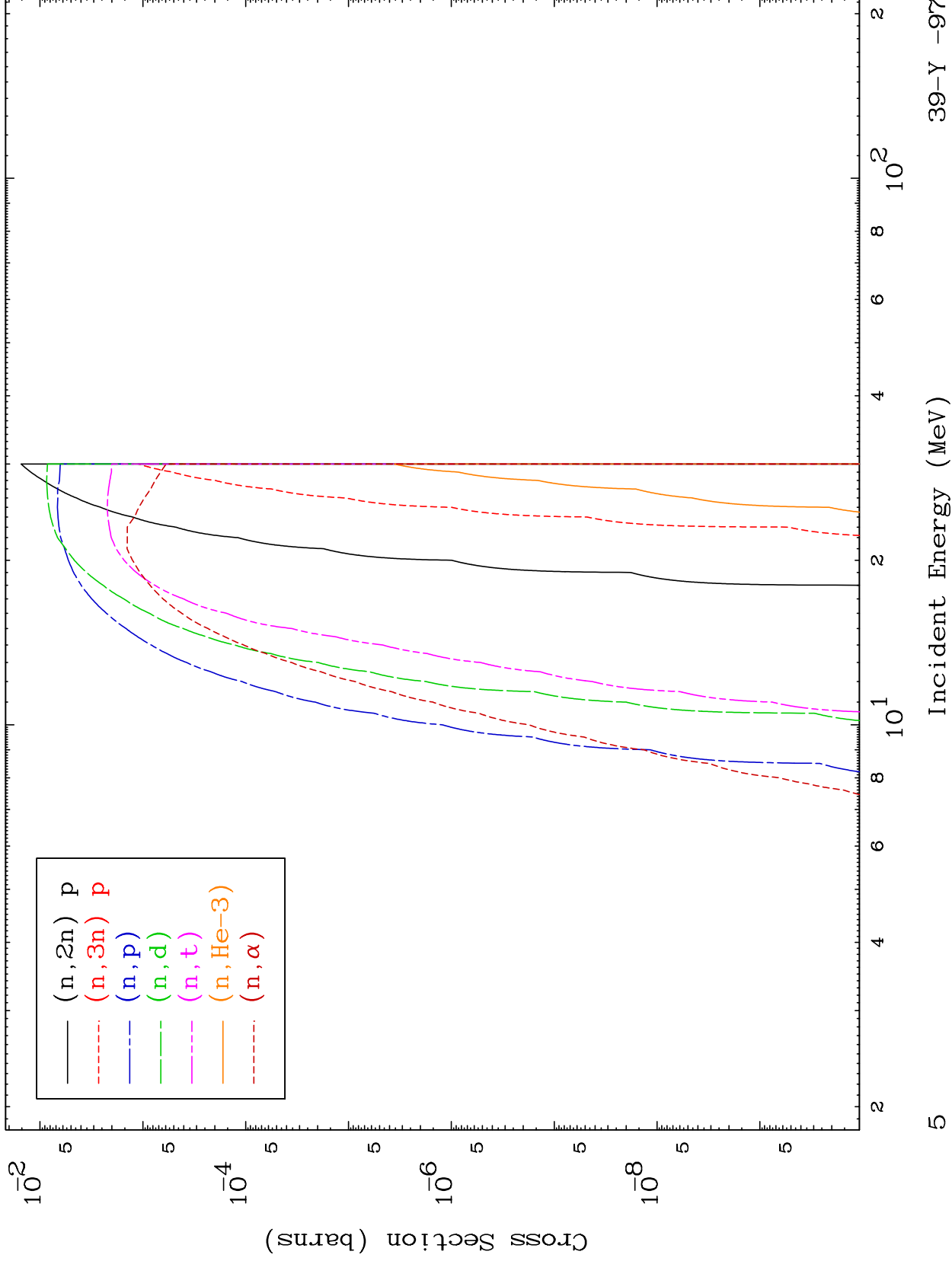
39-Y -97







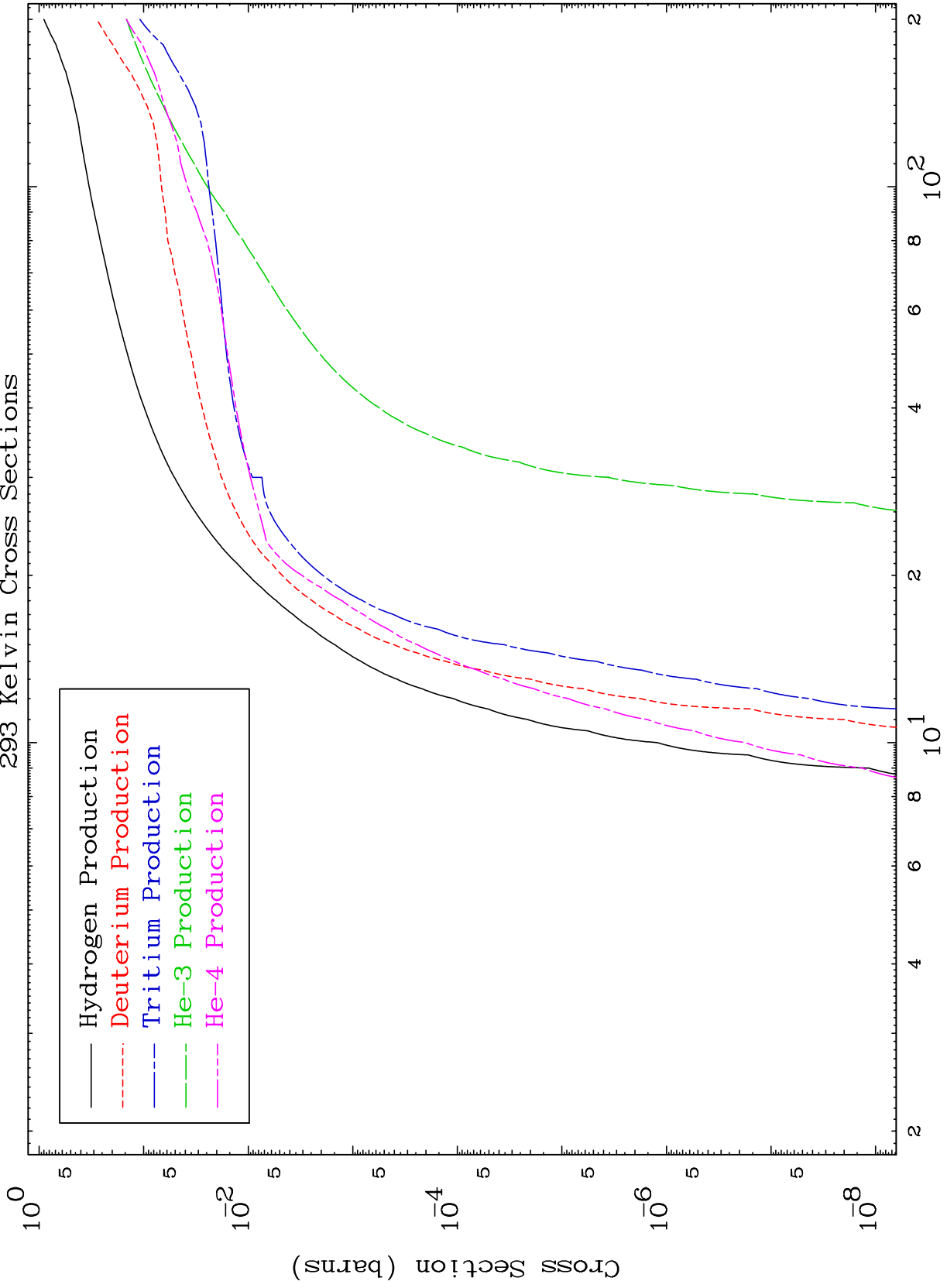




MAT 3949

Particle Production
293 Kelvin Cross Sections

39-Y -97



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Incident Energy (MeV)

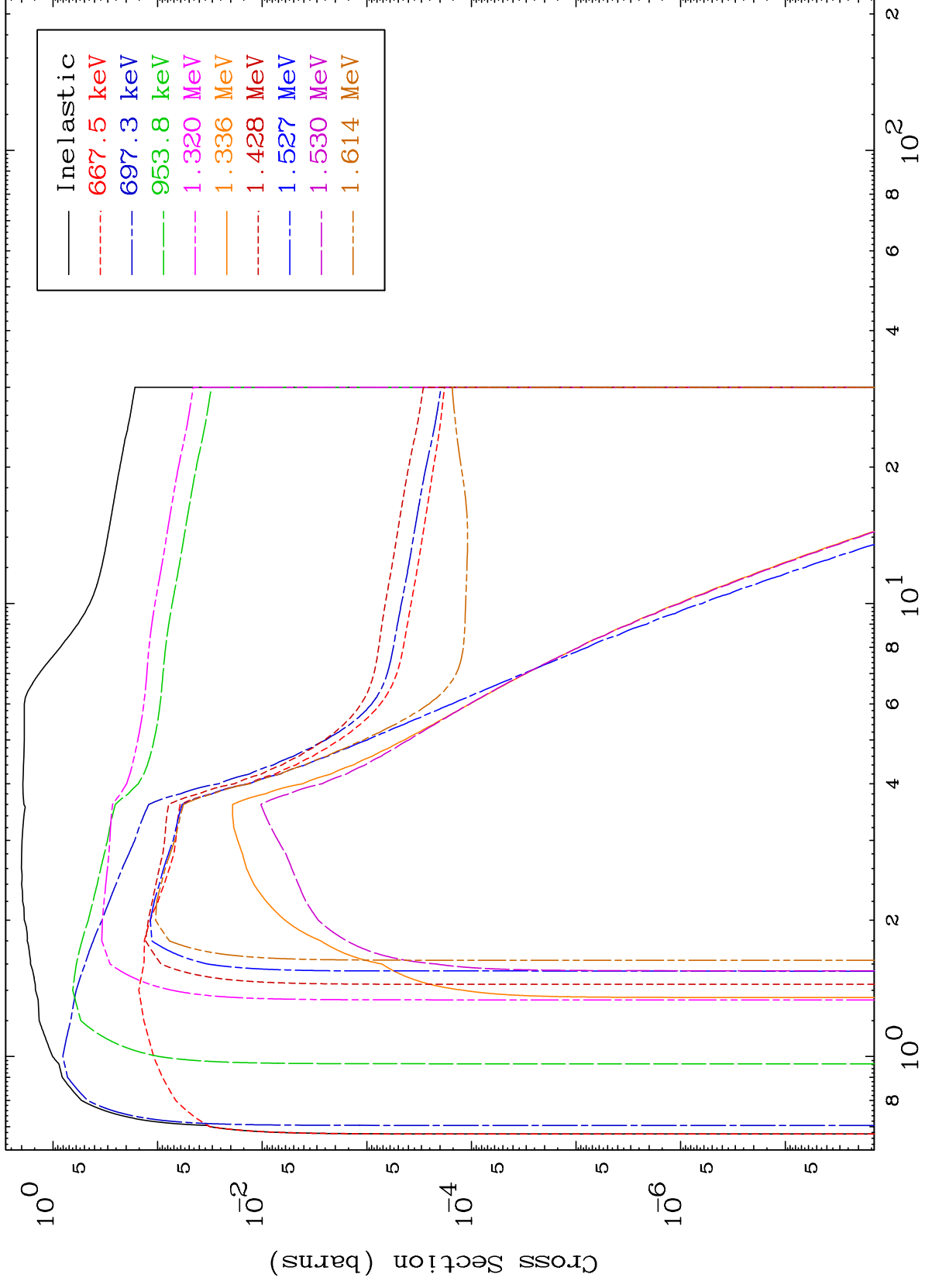
39-Y -97

MAT 3949

(n,n') Level

39-Y -97

293 Kelvin Cross Sections



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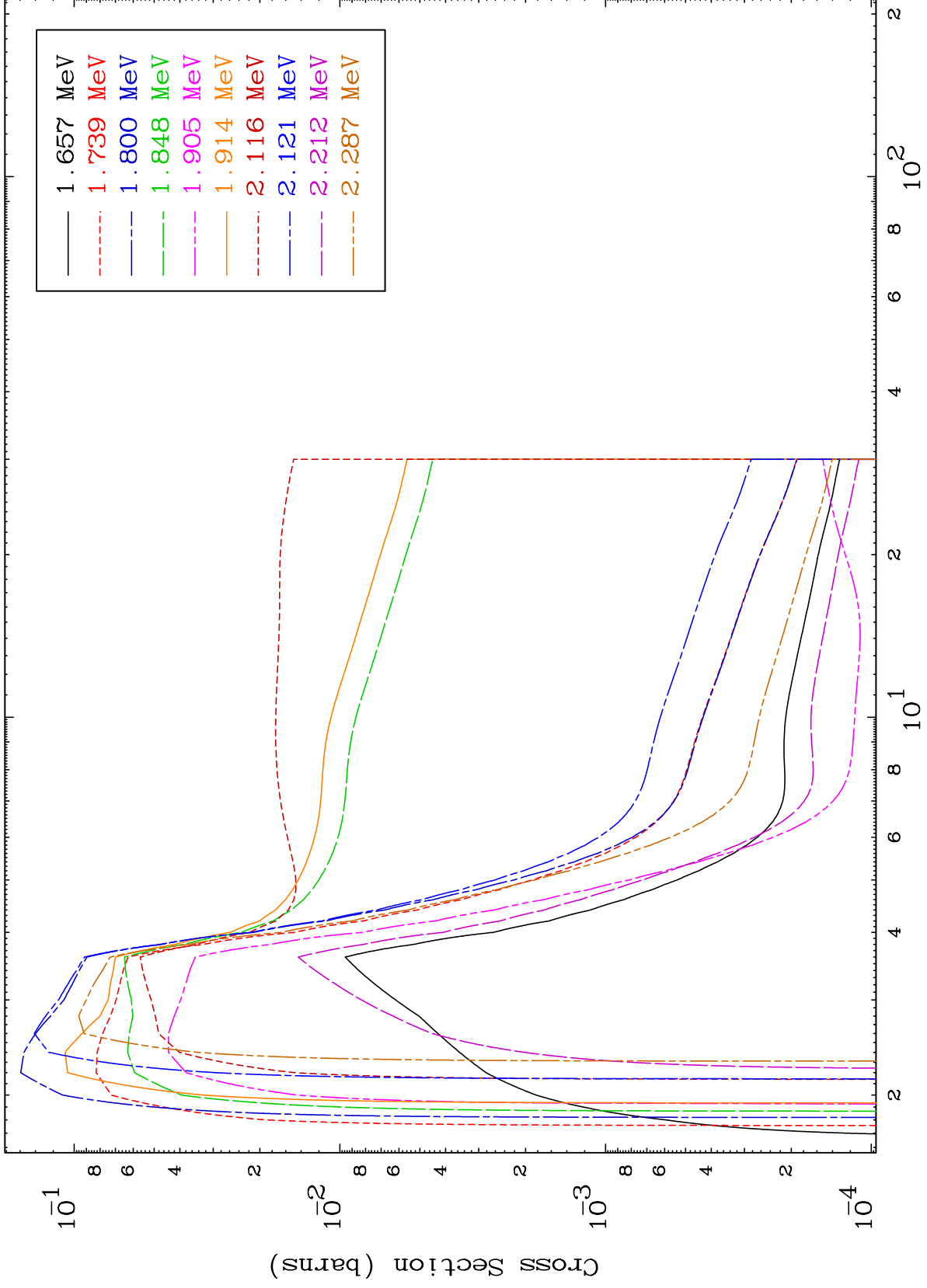
Incident Energy (MeV)

39-Y -97

MAT 3949

(n,n') Level
293 Kelvin Cross Sections

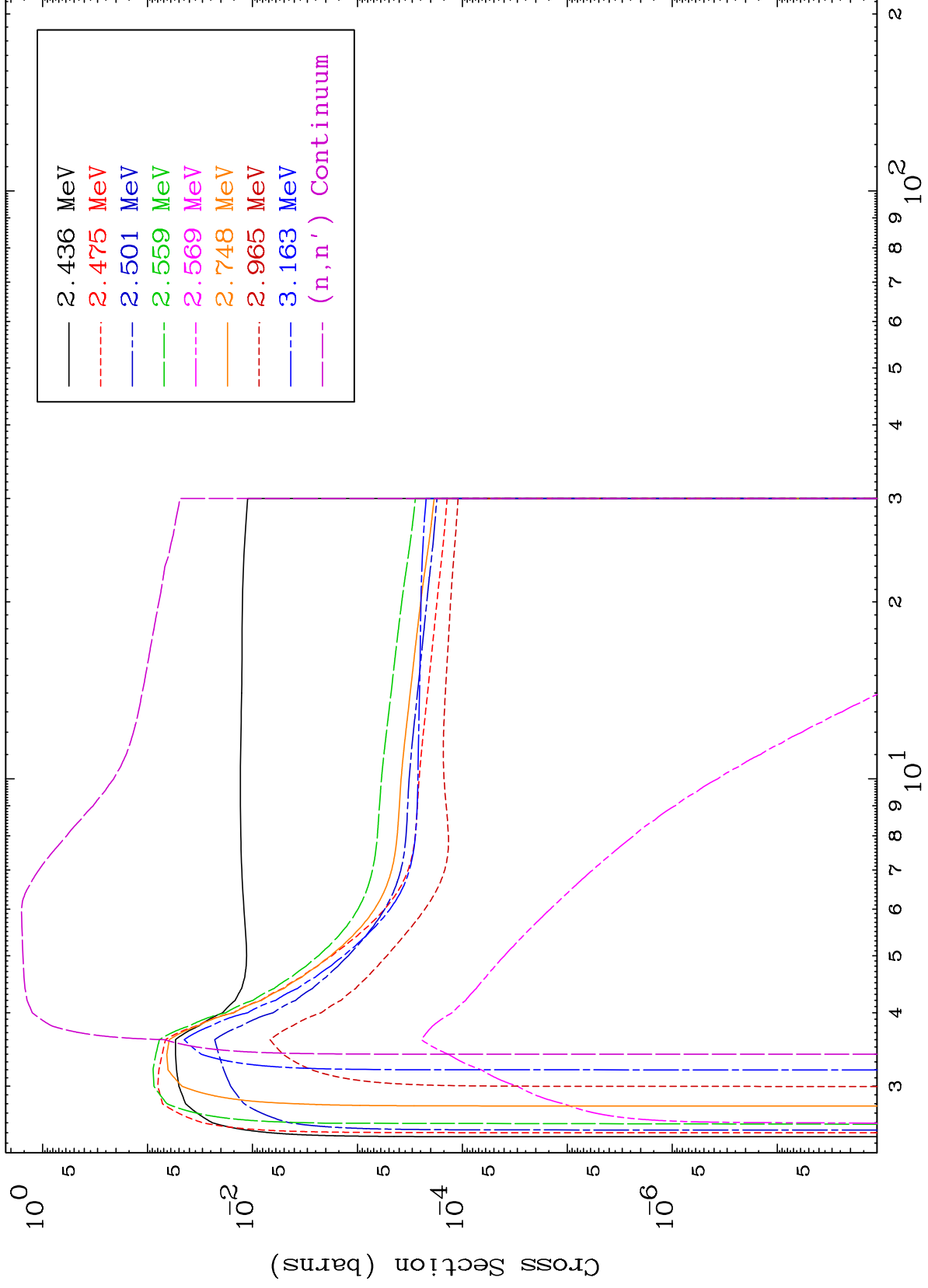
39-Y -97



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Incident Energy (MeV)

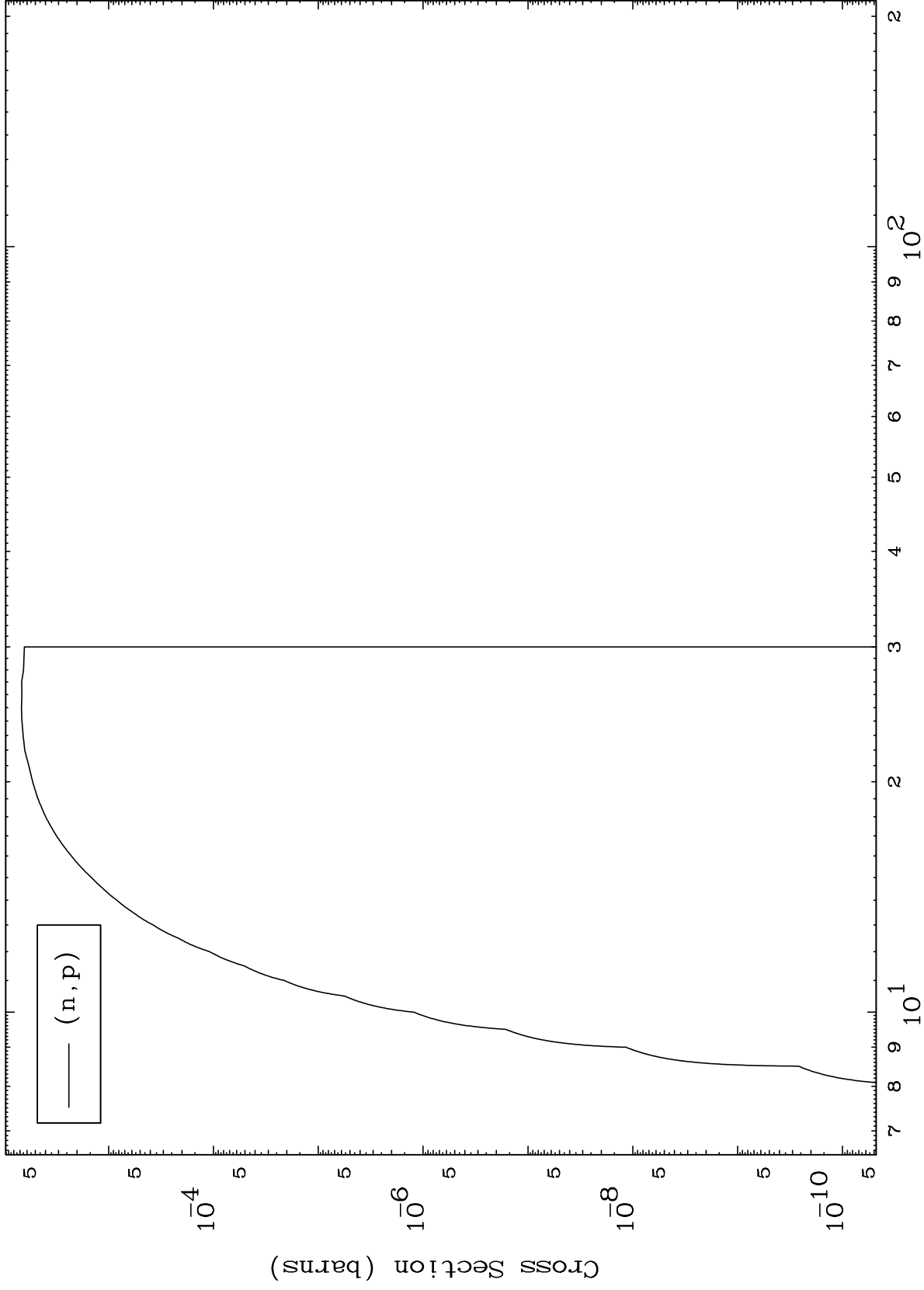
39-Y -97



MAT 3949

(n,p) Levels
293 Kelvin Cross Sections

39-Y -97



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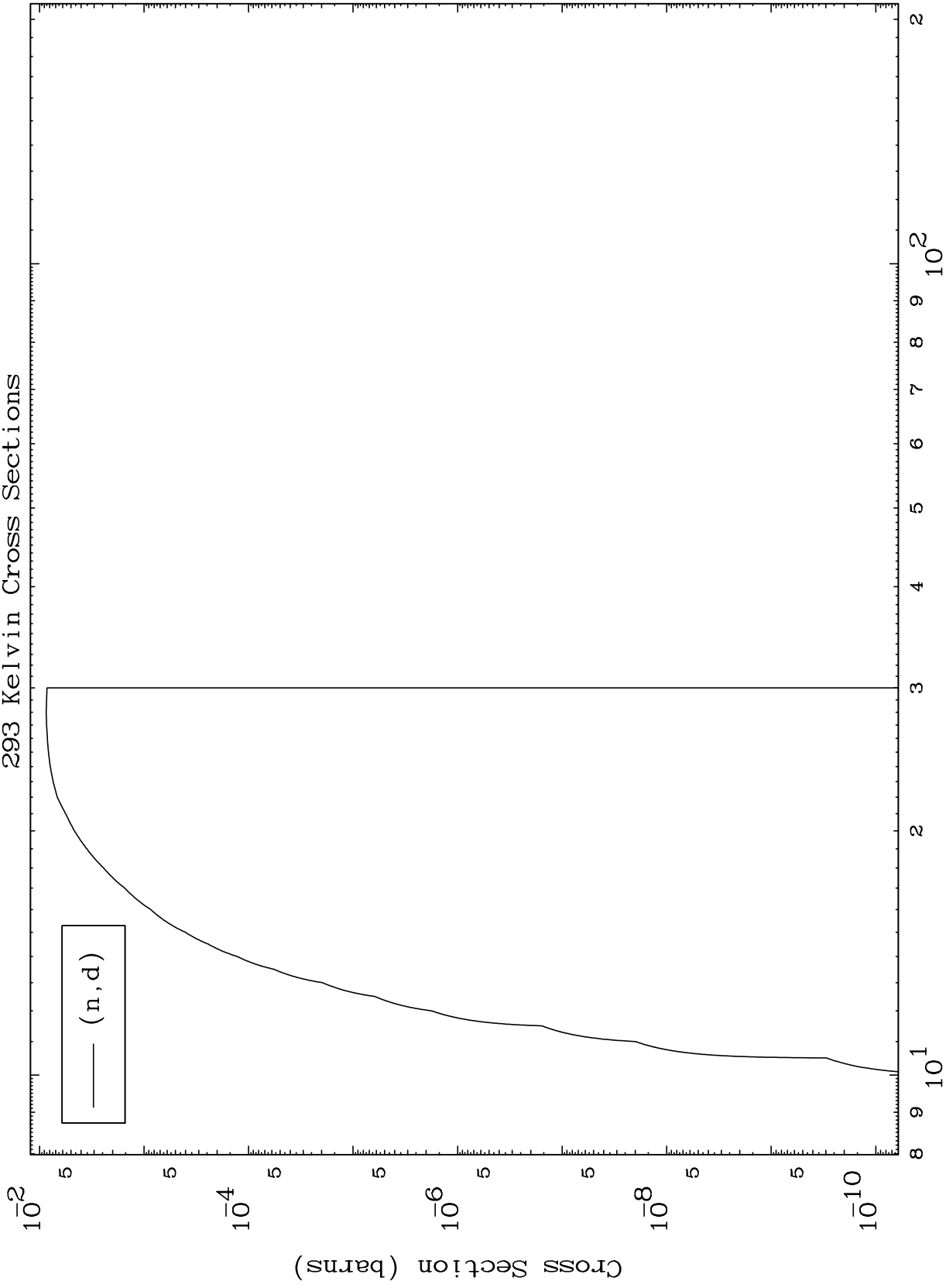
Incident Energy (MeV)

39-Y -97

MAT 3949

(n,d) Levels
293 Kelvin Cross Sections

39-Y -97



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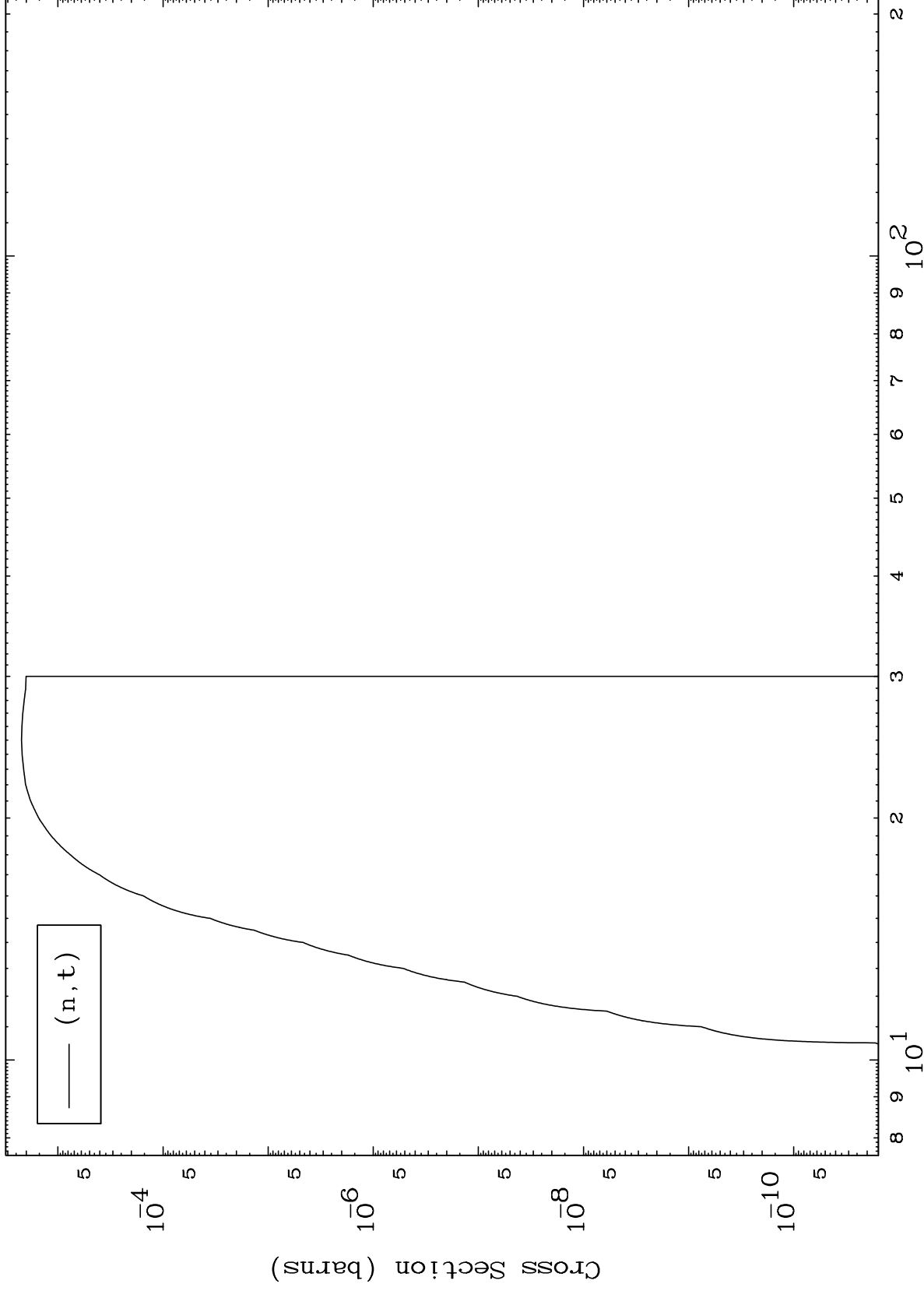
Incident Energy (MeV)

39-Y -97

MAT 3949

(n,t) Levels
293 Kelvin Cross Sections

39-Y -97



12

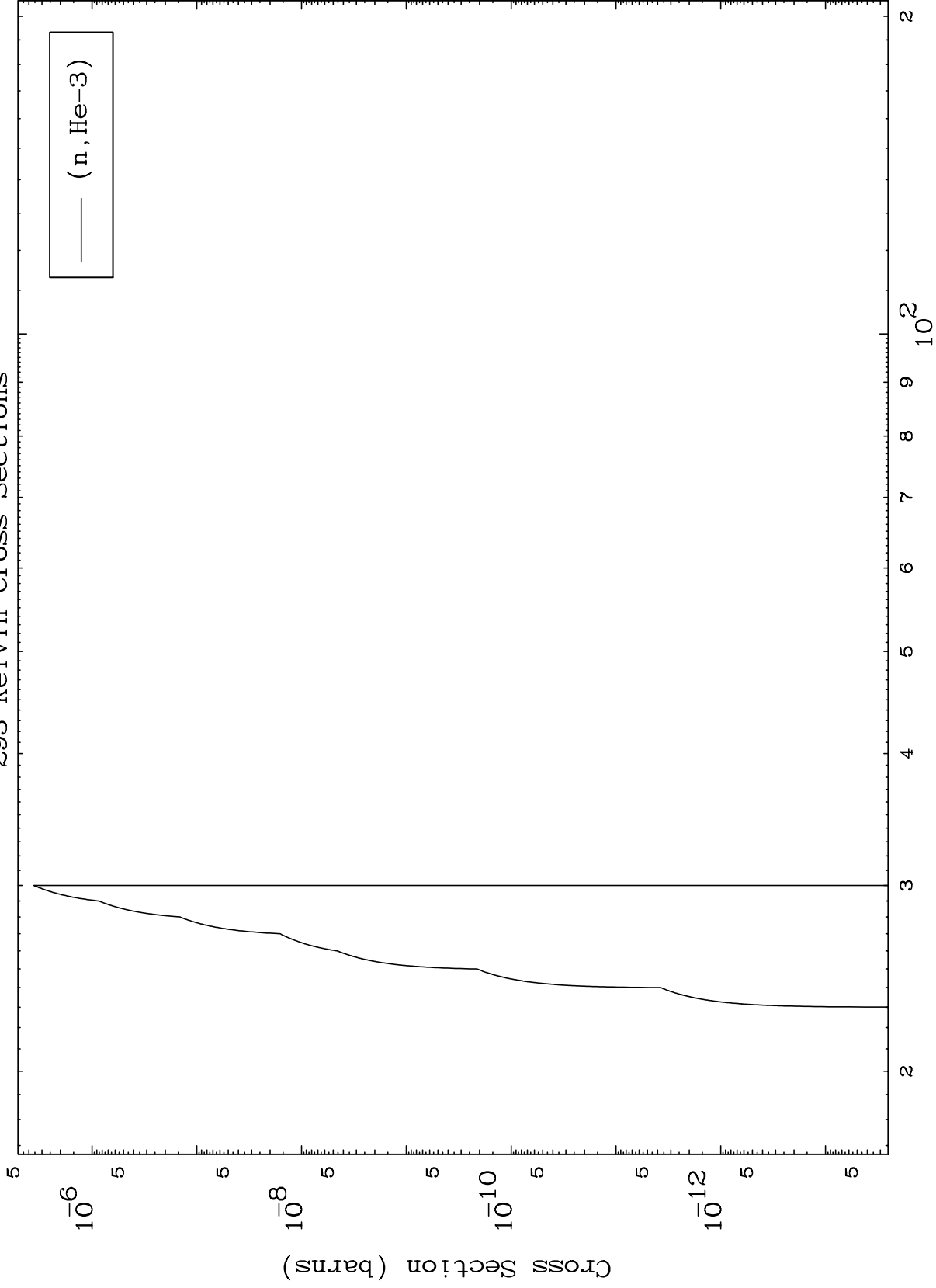
Incident Energy (MeV)

39-Y -97

MAT 3949

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -97



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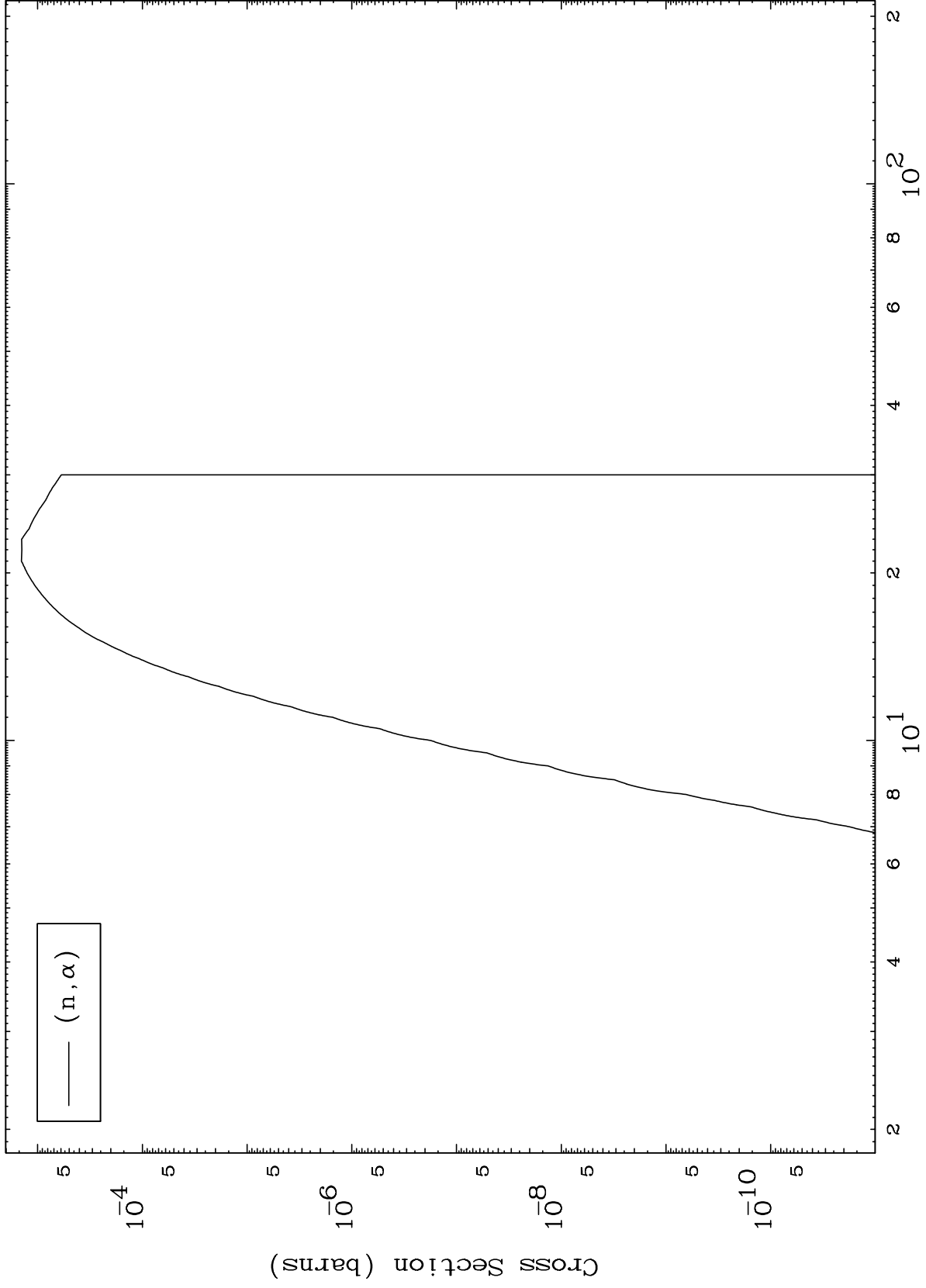
Incident Energy (MeV)

39-Y -97

MAT 3949

(n, α) Levels
293 Kelvin Cross Sections

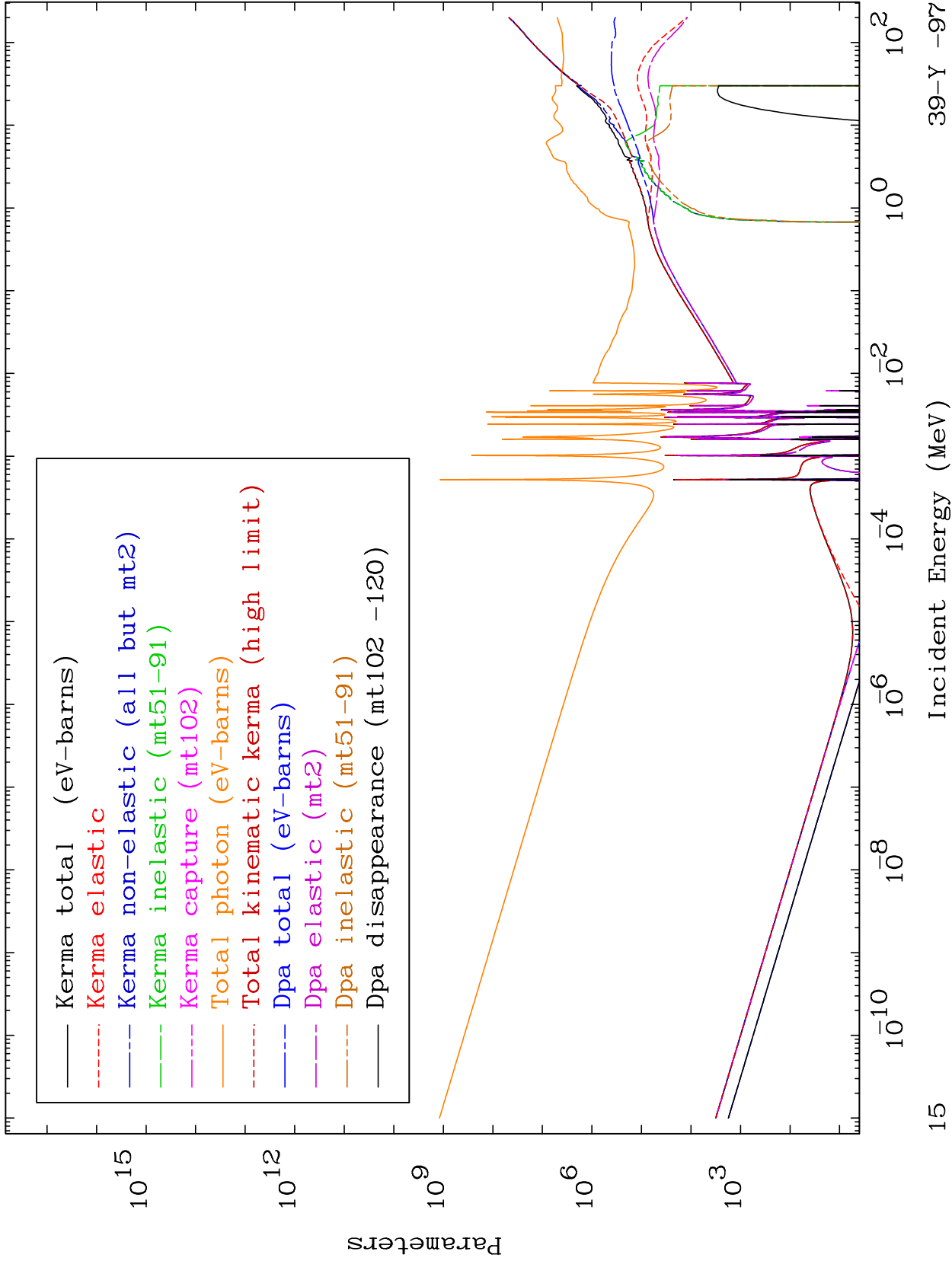
39-Y -97



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Incident Energy (MeV)

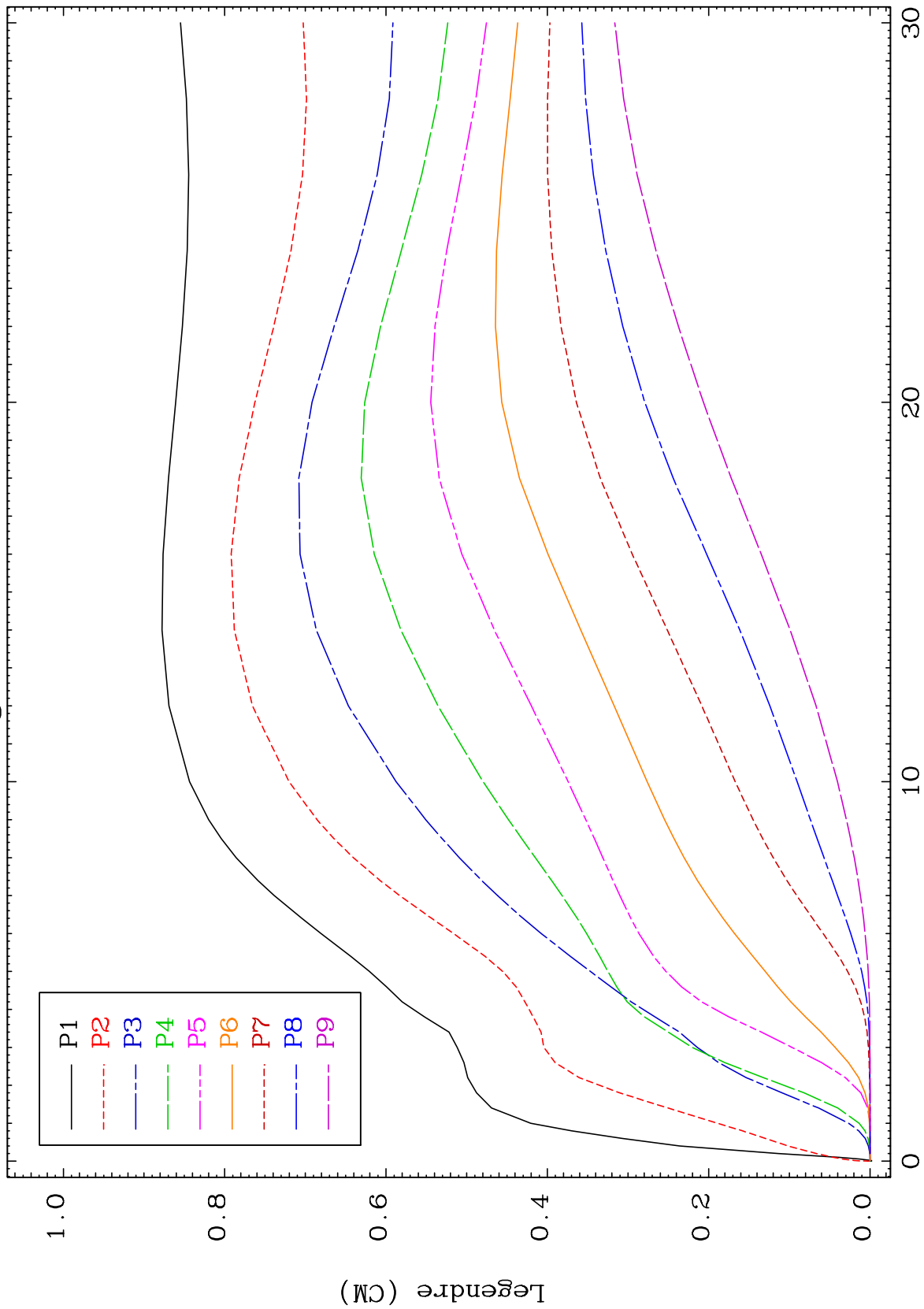
39-Y -97



MAT 3949

Elastic Legendre Coefficients

39-Y -97



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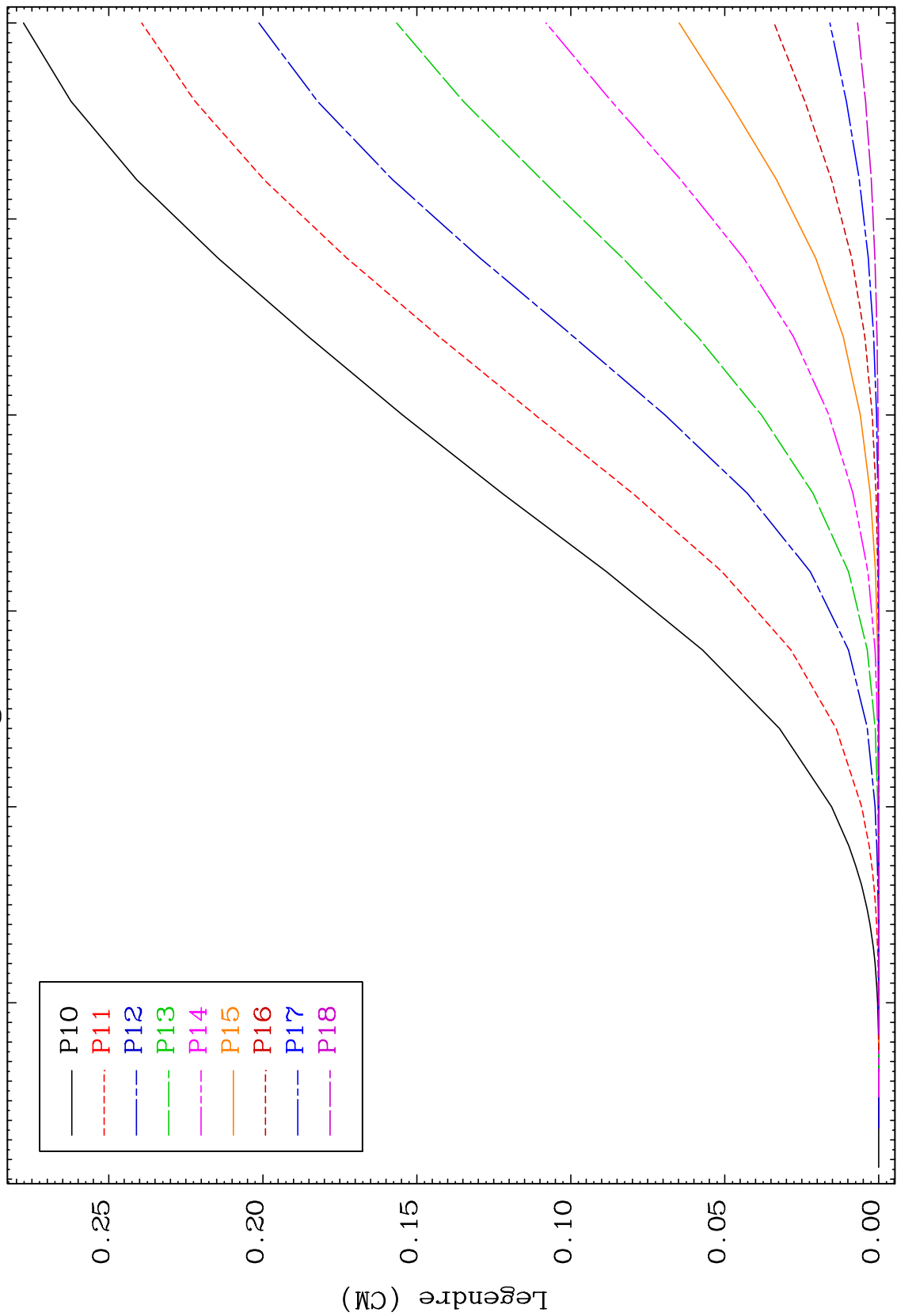
Incident Energy (MeV)

39-Y -97

MAT 3949

Elastic Legendre Coefficients

39-Y -97



17

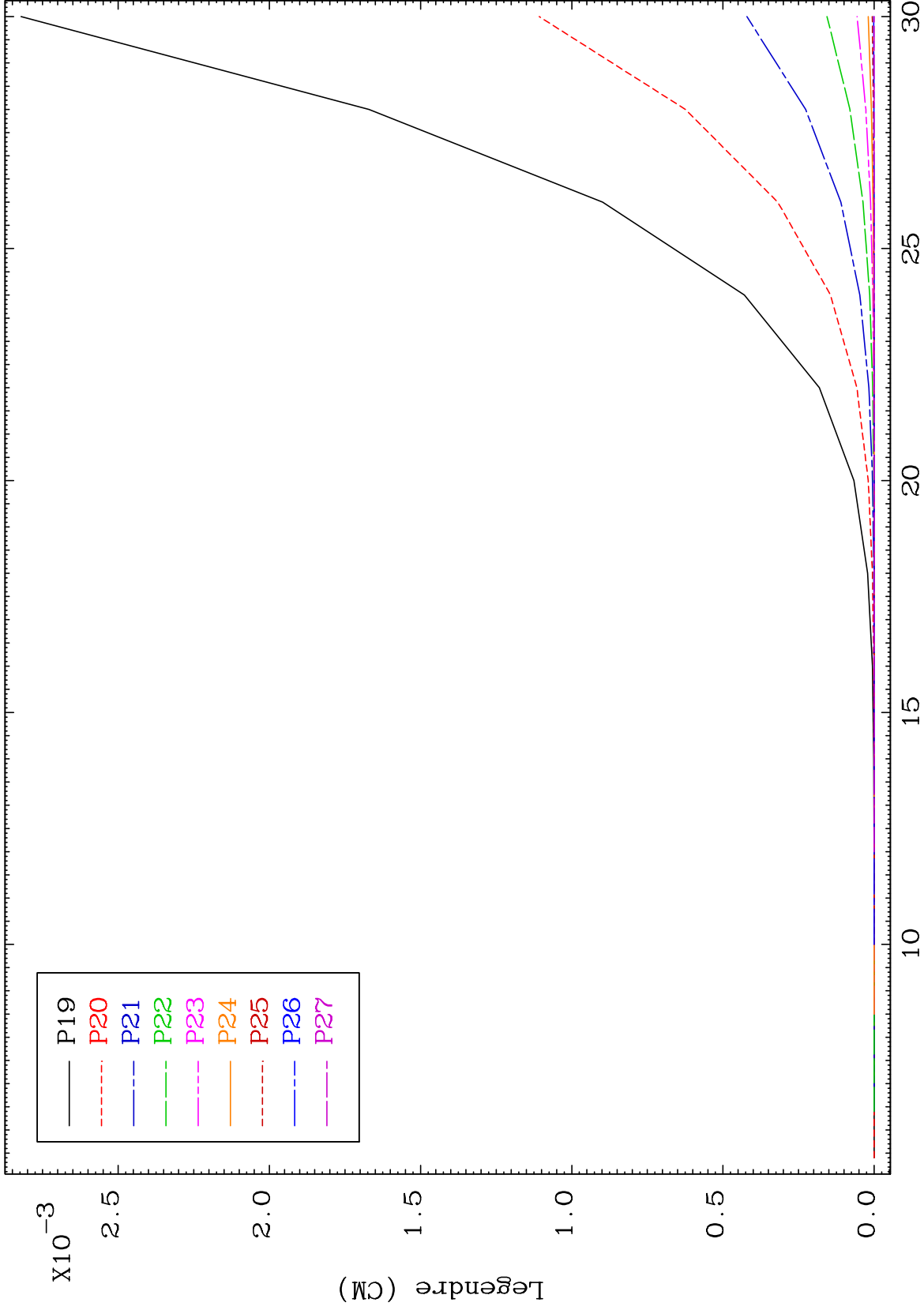
39-Y -97

Incident Energy (MeV)

MAT 3949

Elastic Legendre Coefficients

39-Y -97



18

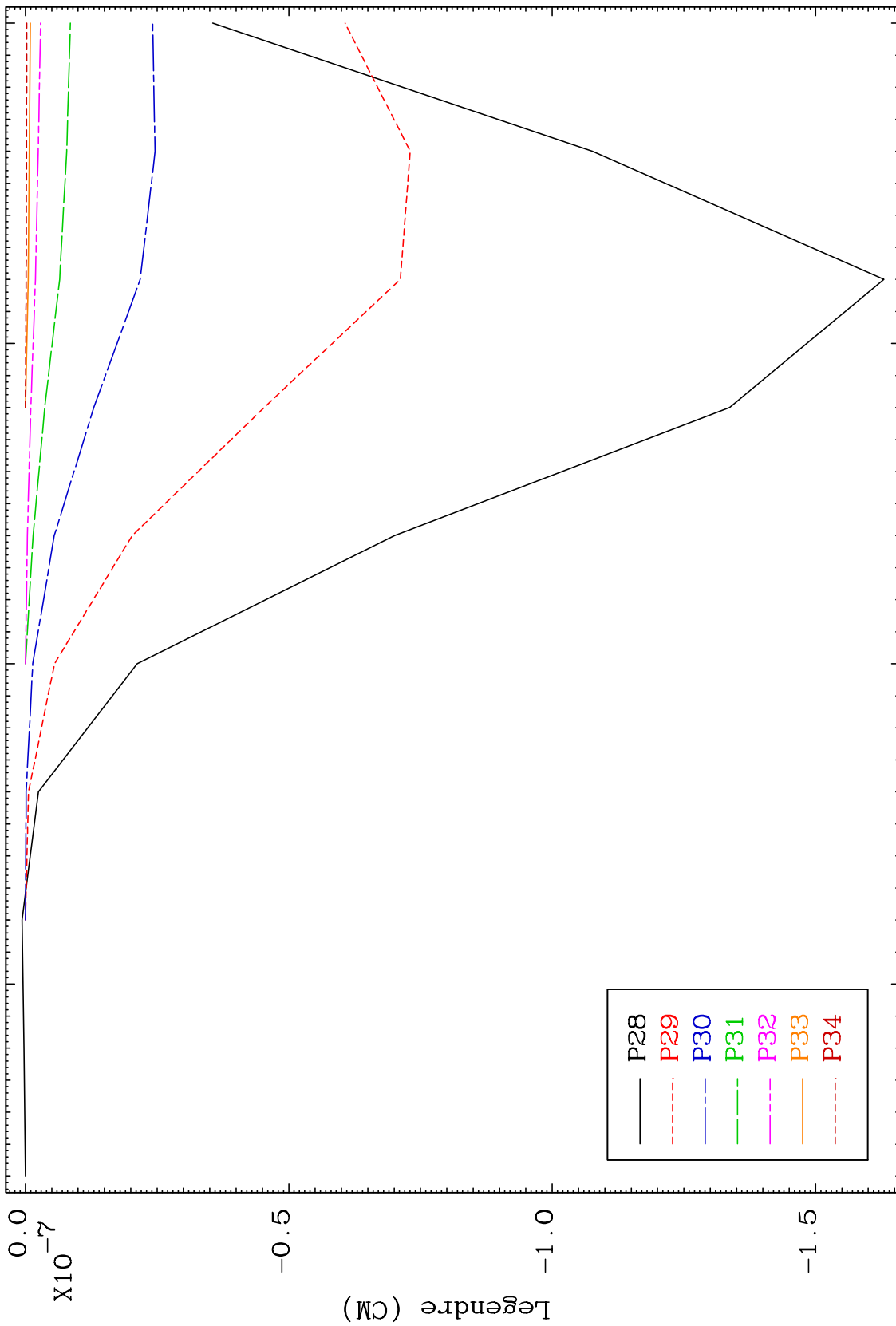
Incident Energy (MeV)

39-Y -97

MAT 3949

39-Y -97

Elastic Legendre Coefficients

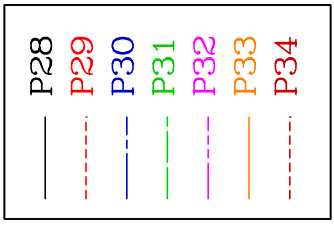


Legendre (CM)
X10⁻⁷

19

Incident Energy (MeV)

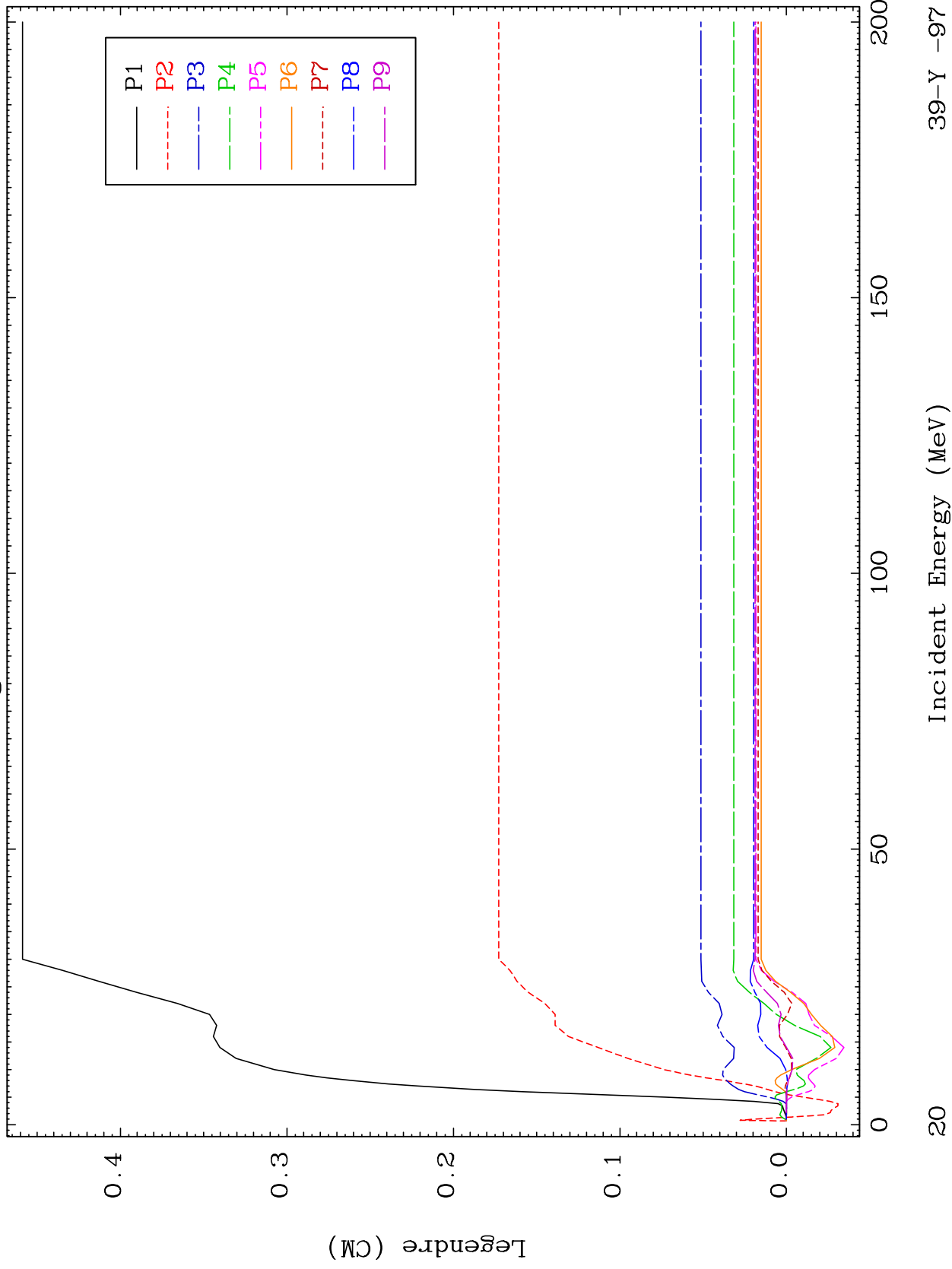
39-Y -97



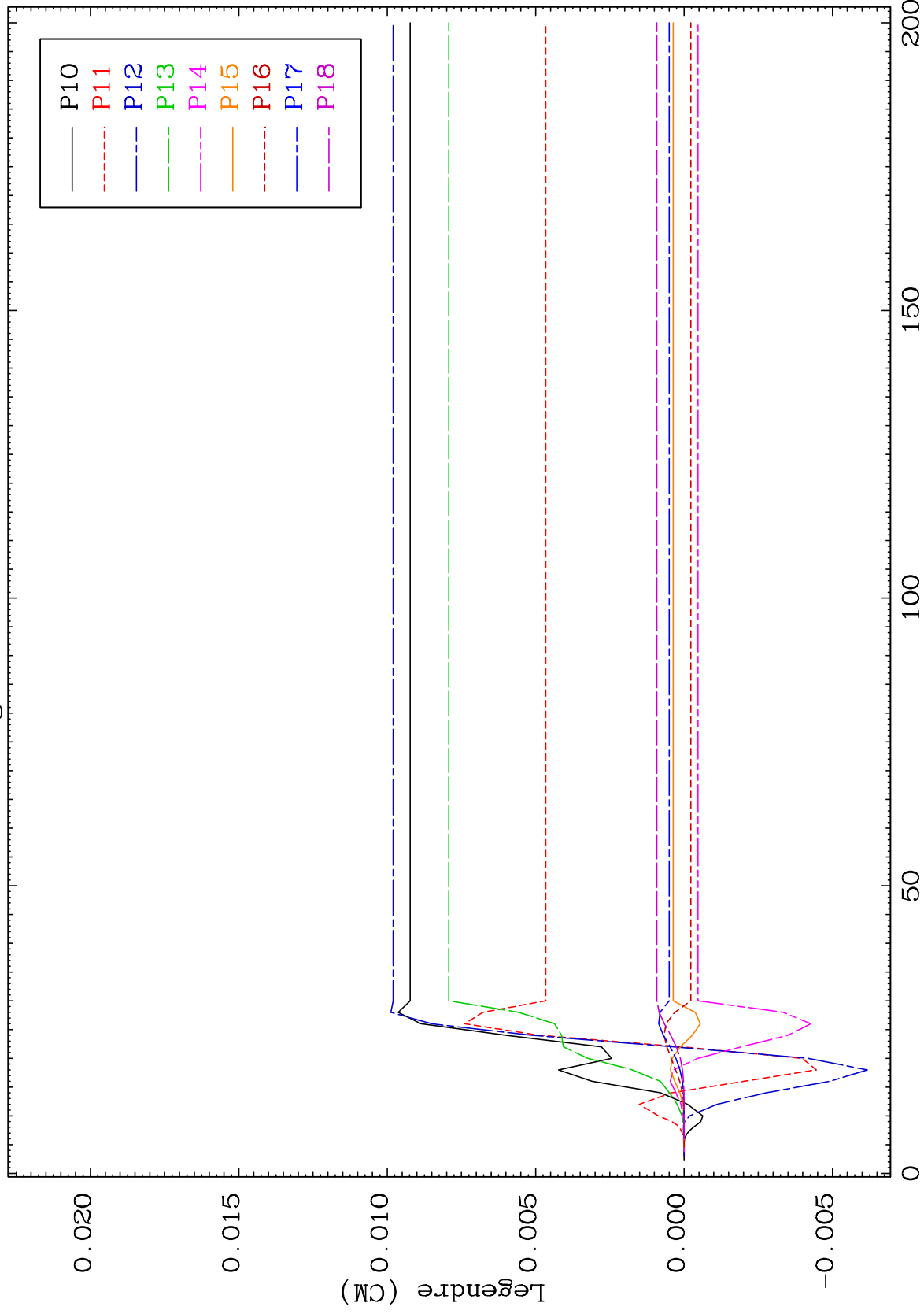
MAT 3949

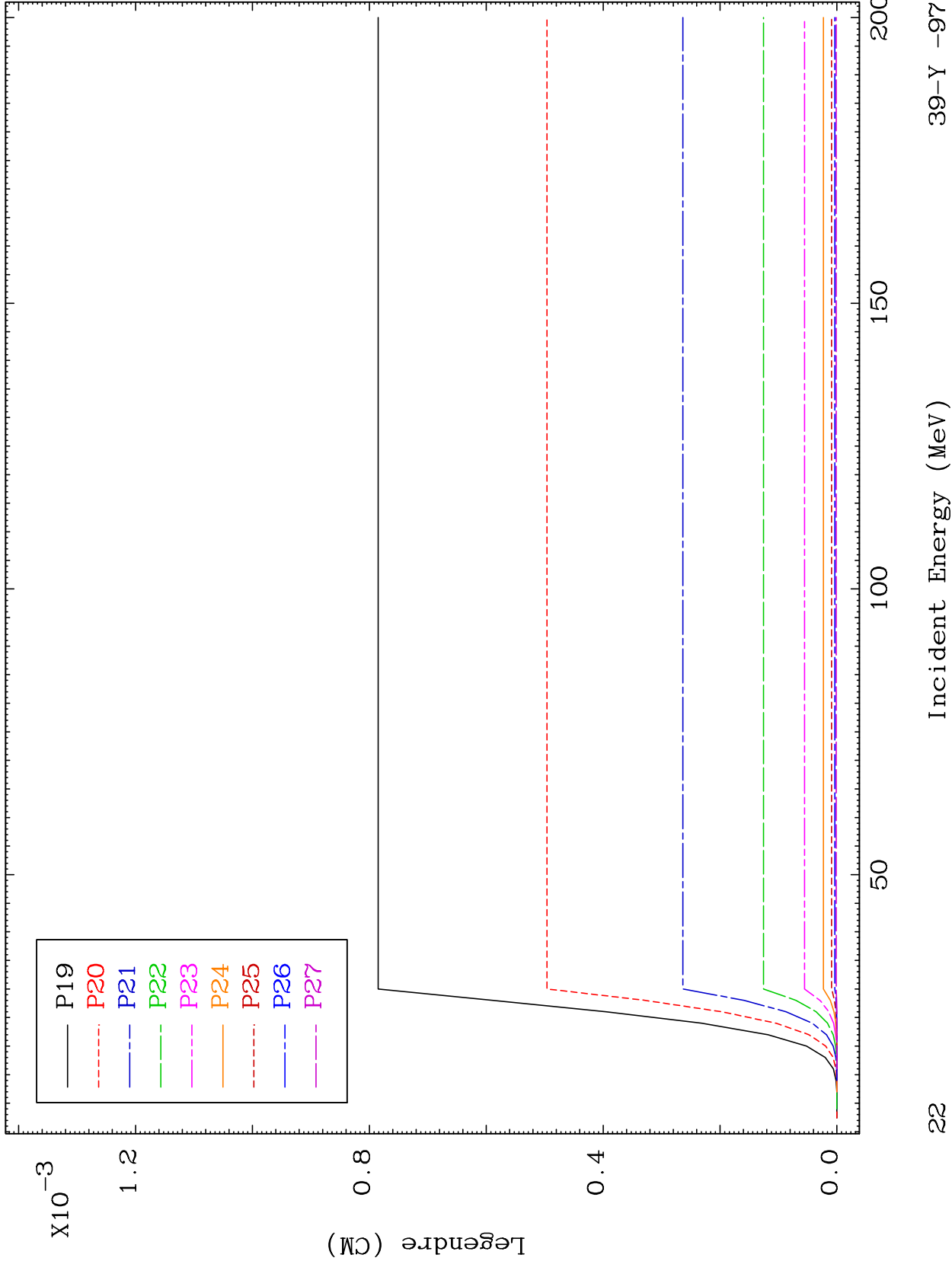
667.5 keV (n,n') Level
Legendre Coefficients

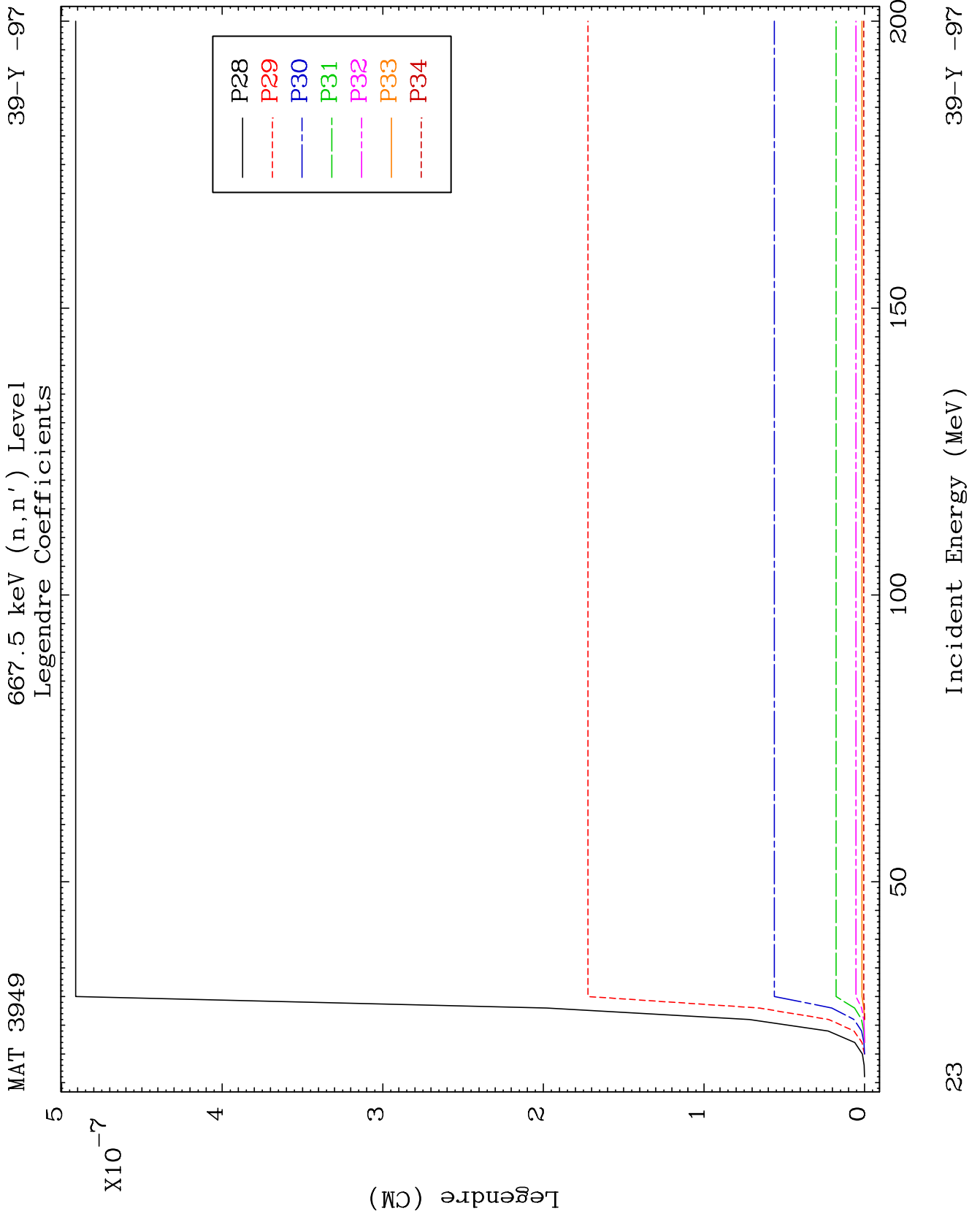
39-Y -97

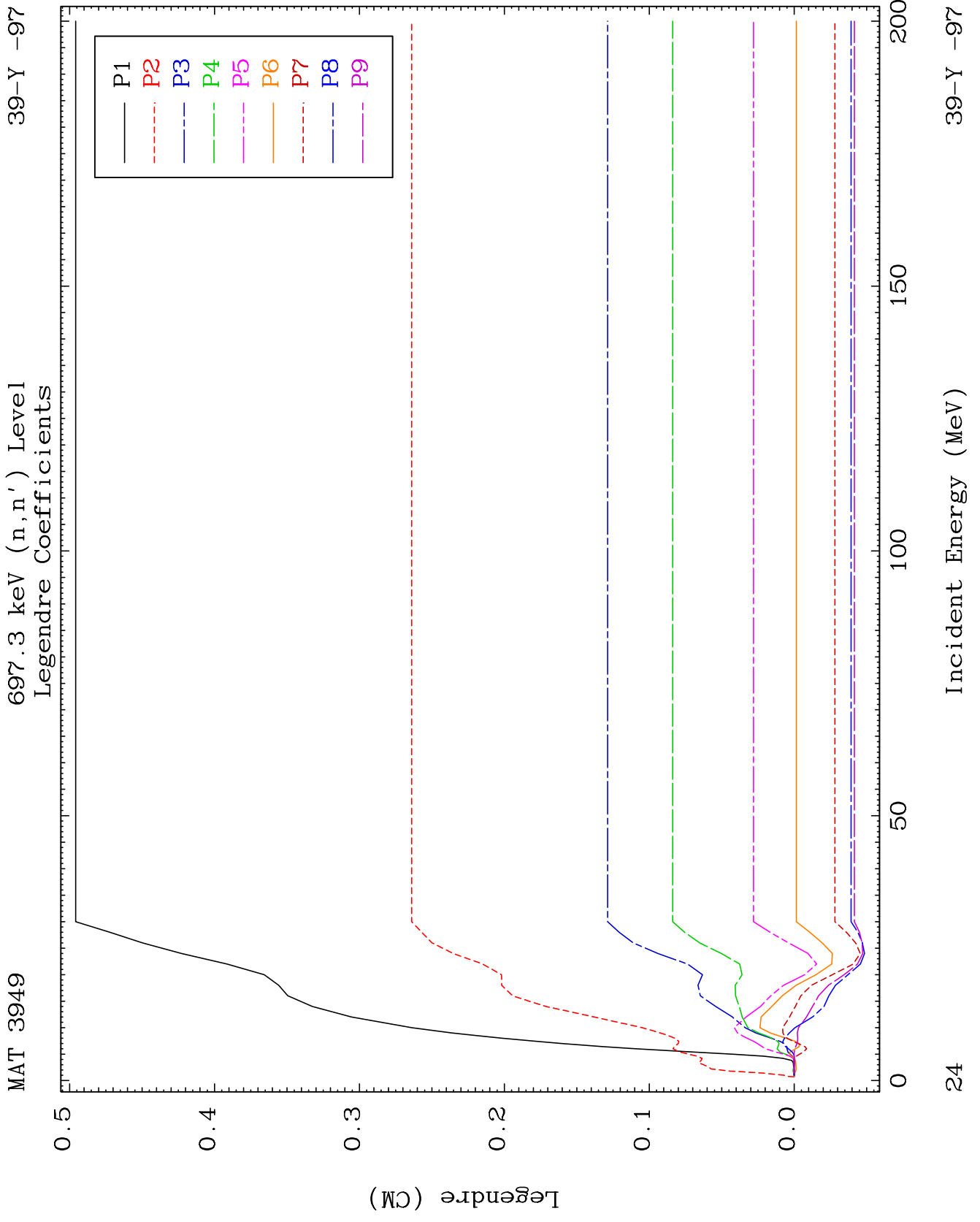


39-Y -97





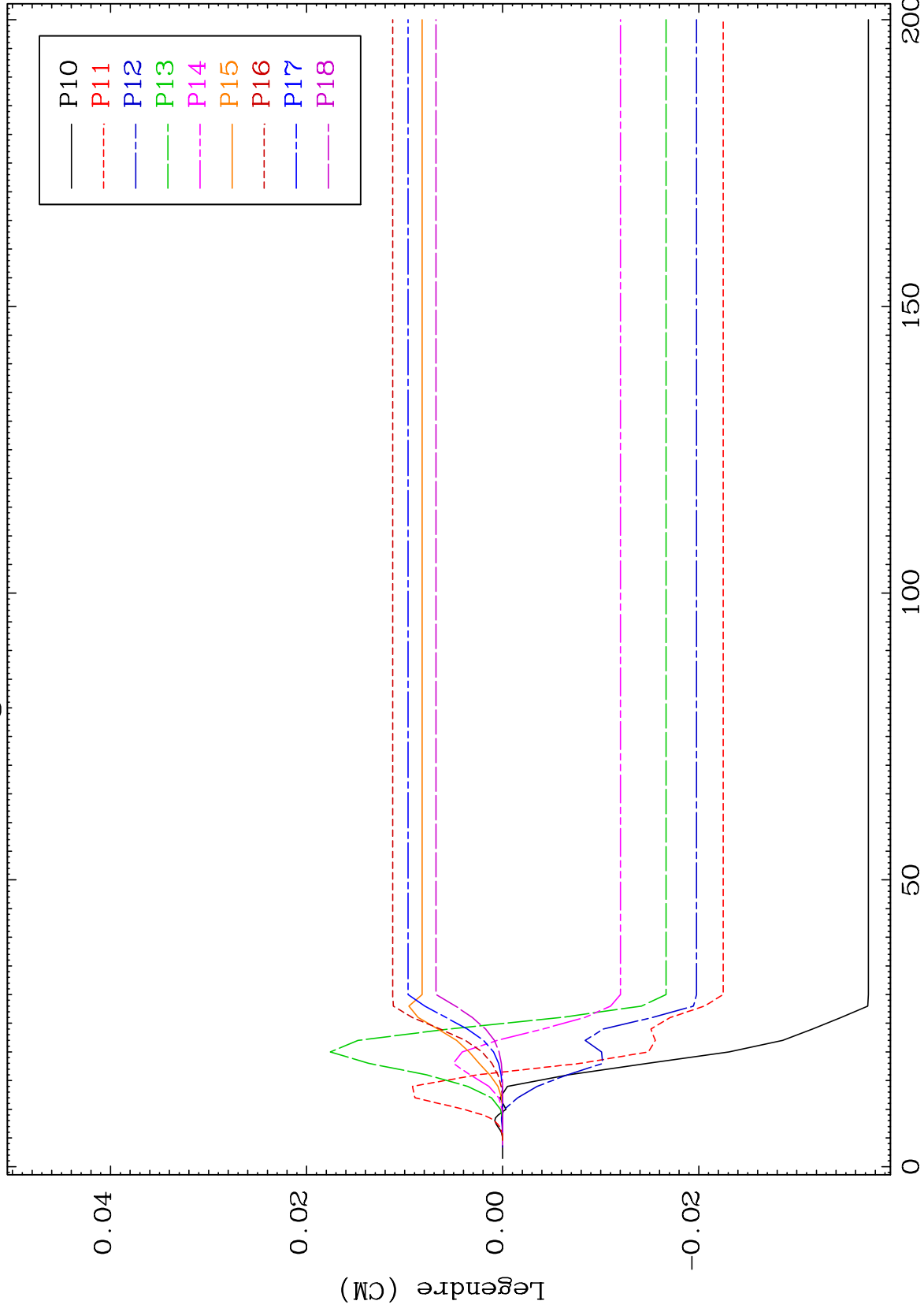




MAT 3949

697.3 keV (n,n') Level
Legendre Coefficients

39-Y -97

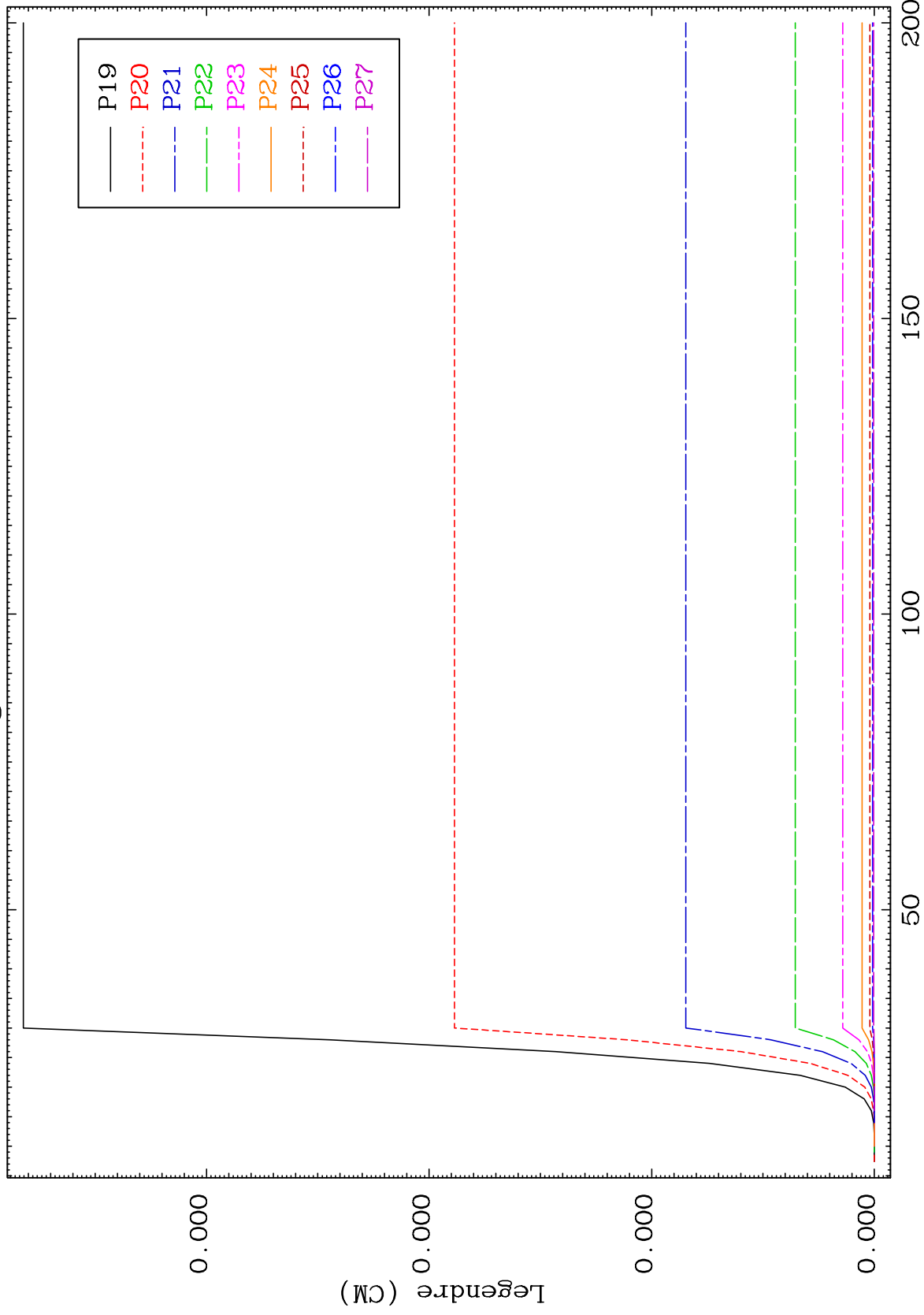


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Incident Energy (MeV)

39-Y -97

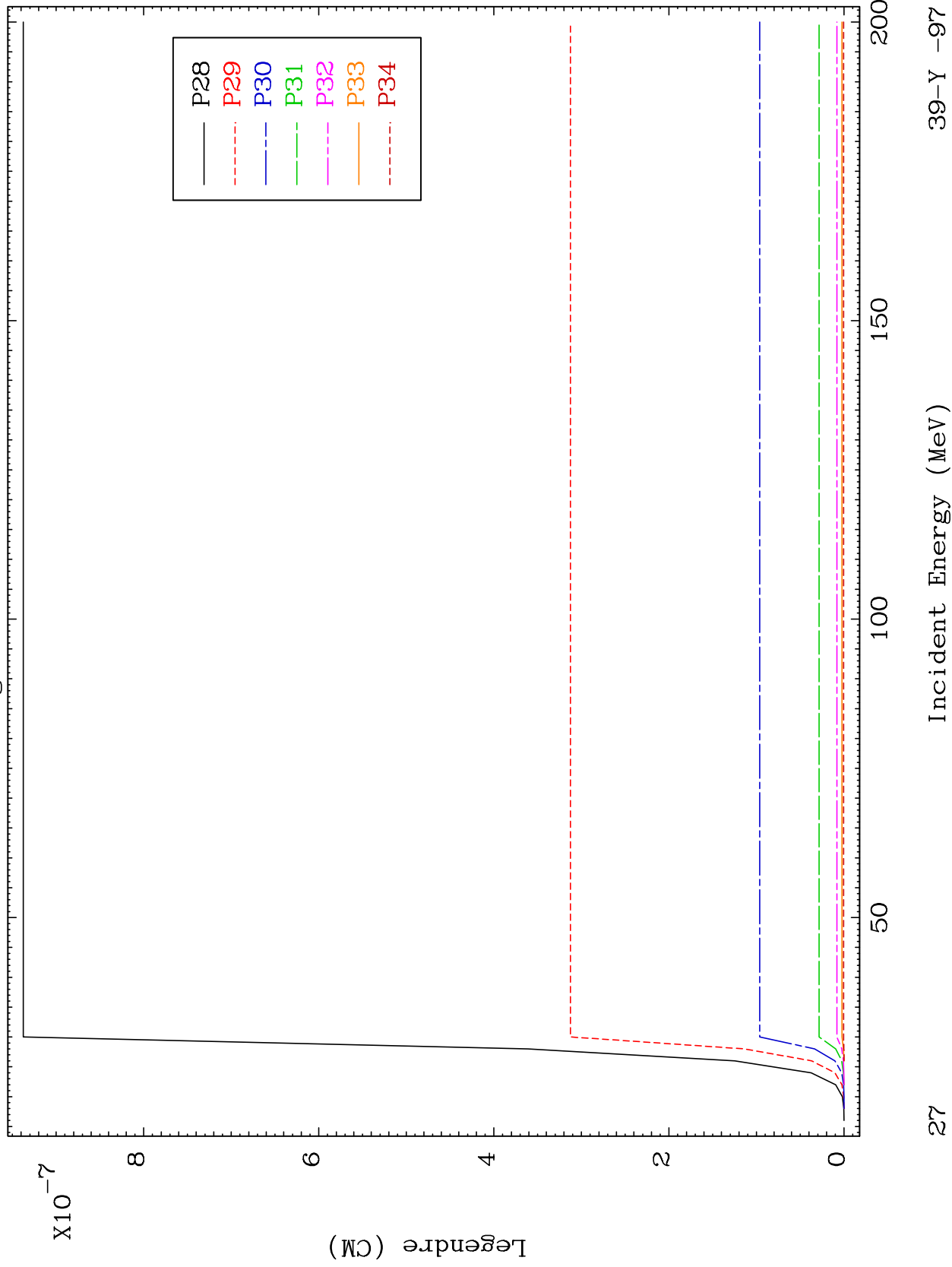
697.3 keV (n,n') Level Legendre Coefficients



MAT 3949

697.3 keV (n,n') Level
Legendre Coefficients

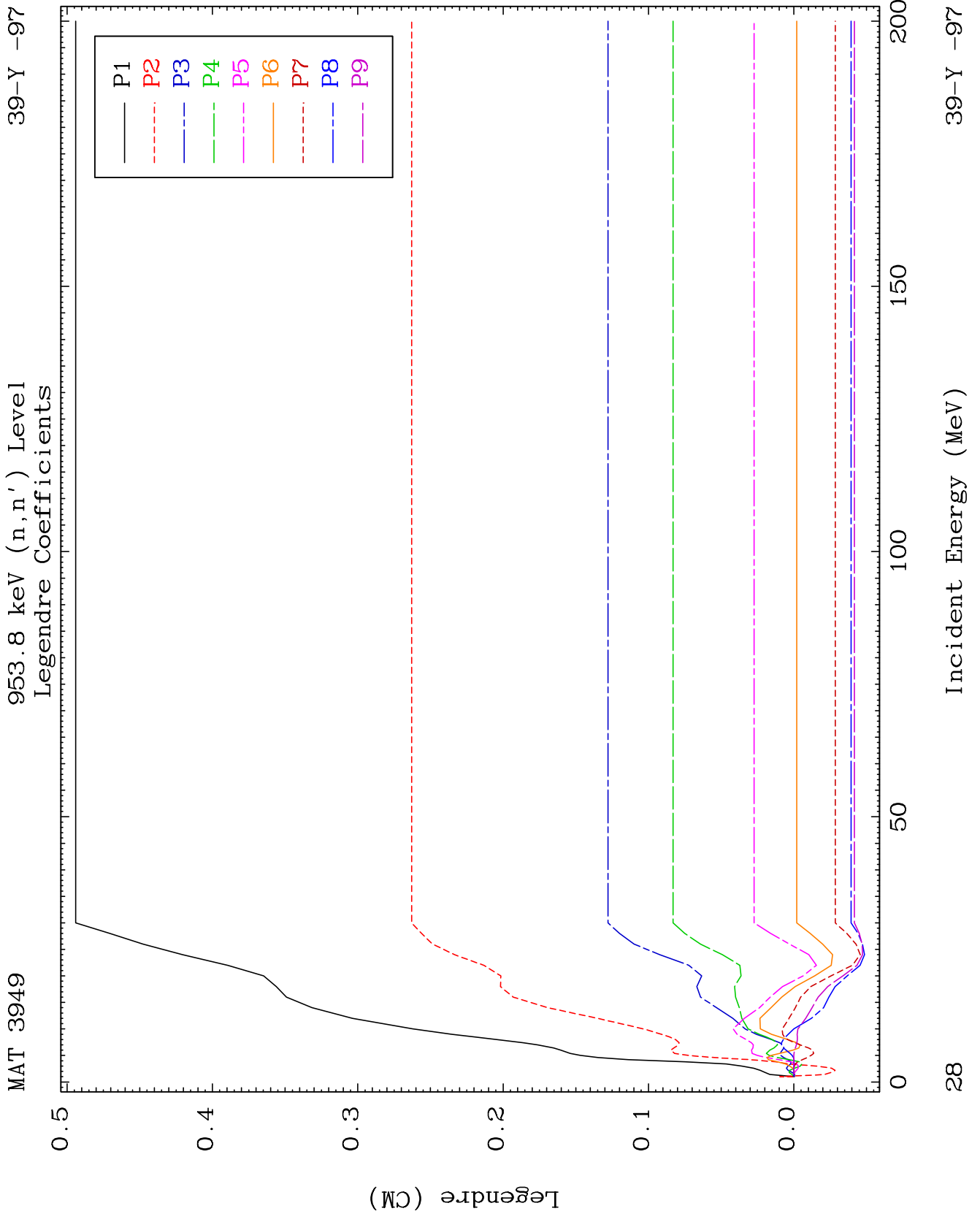
39-Y -97



27

Incident Energy (MeV)

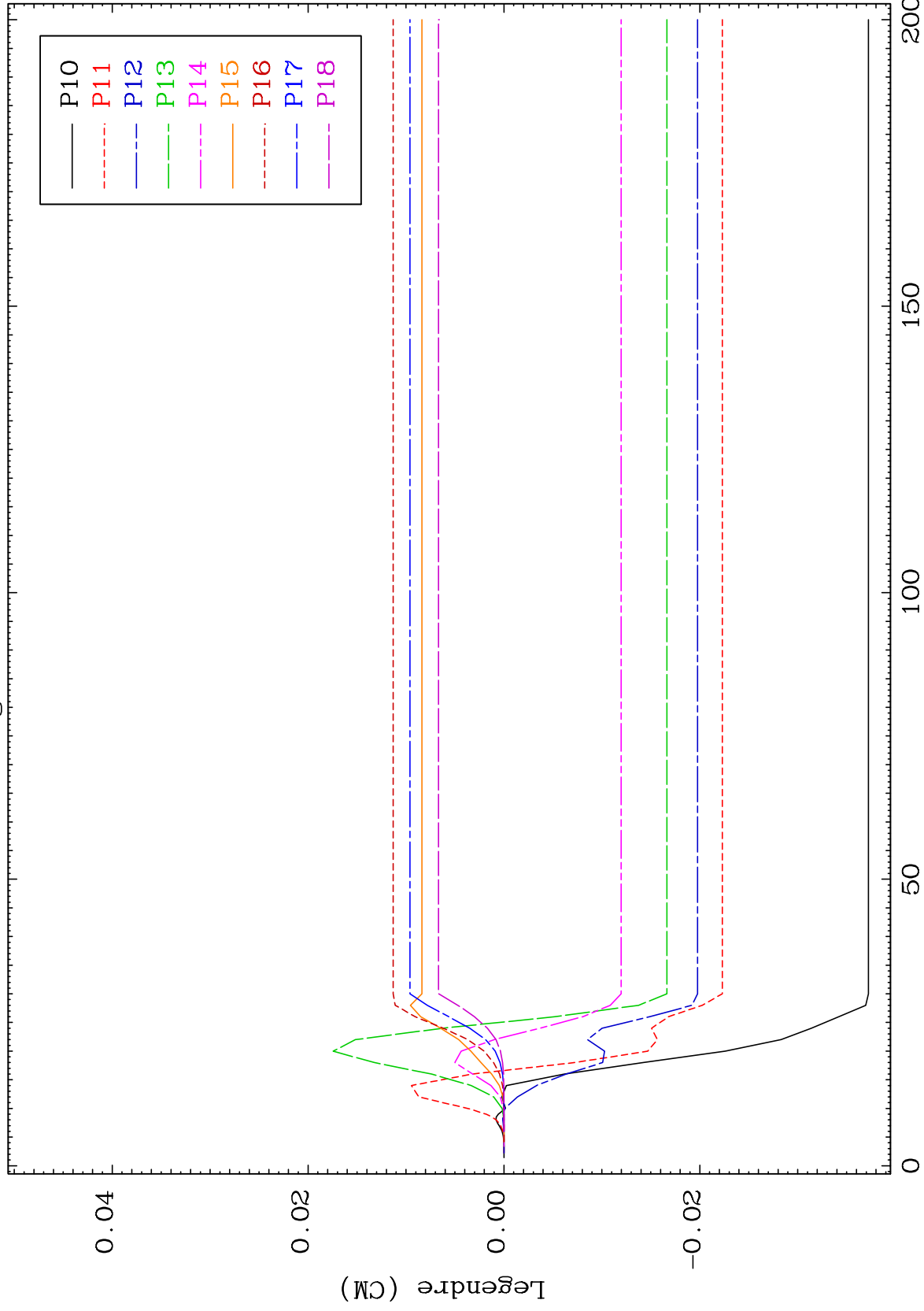
39-Y -97



MAT 3949

953.8 keV (n,n') Level
Legendre Coefficients

39-Y -97



29

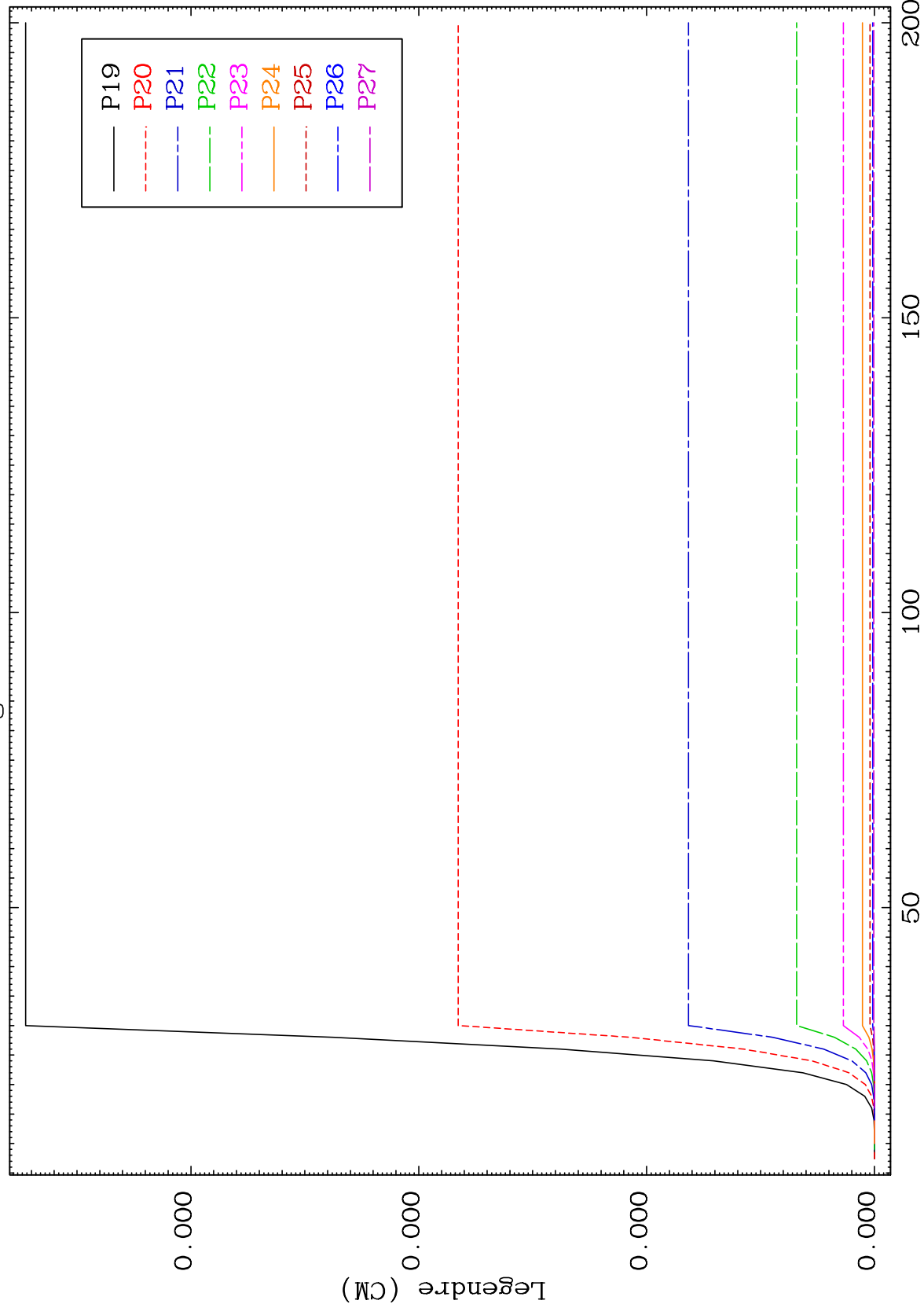
Incident Energy (MeV)

39-Y -97

MAT 3949

953.8 keV (n,n') Level
Legendre Coefficients

39-Y -97



30

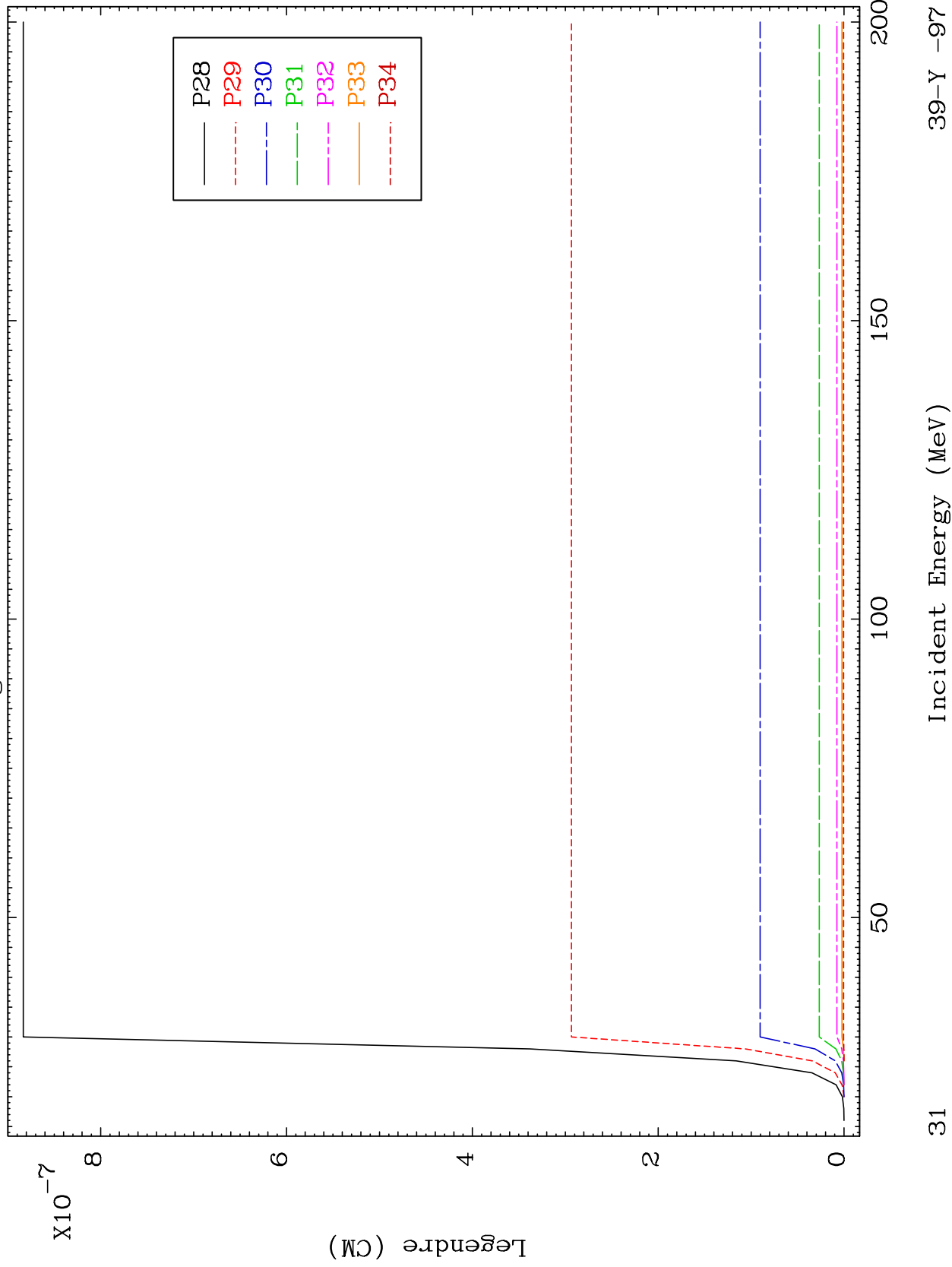
Incident Energy (MeV)

39-Y -97

MAT 3949

953.8 keV (n,n') Level
Legendre Coefficients

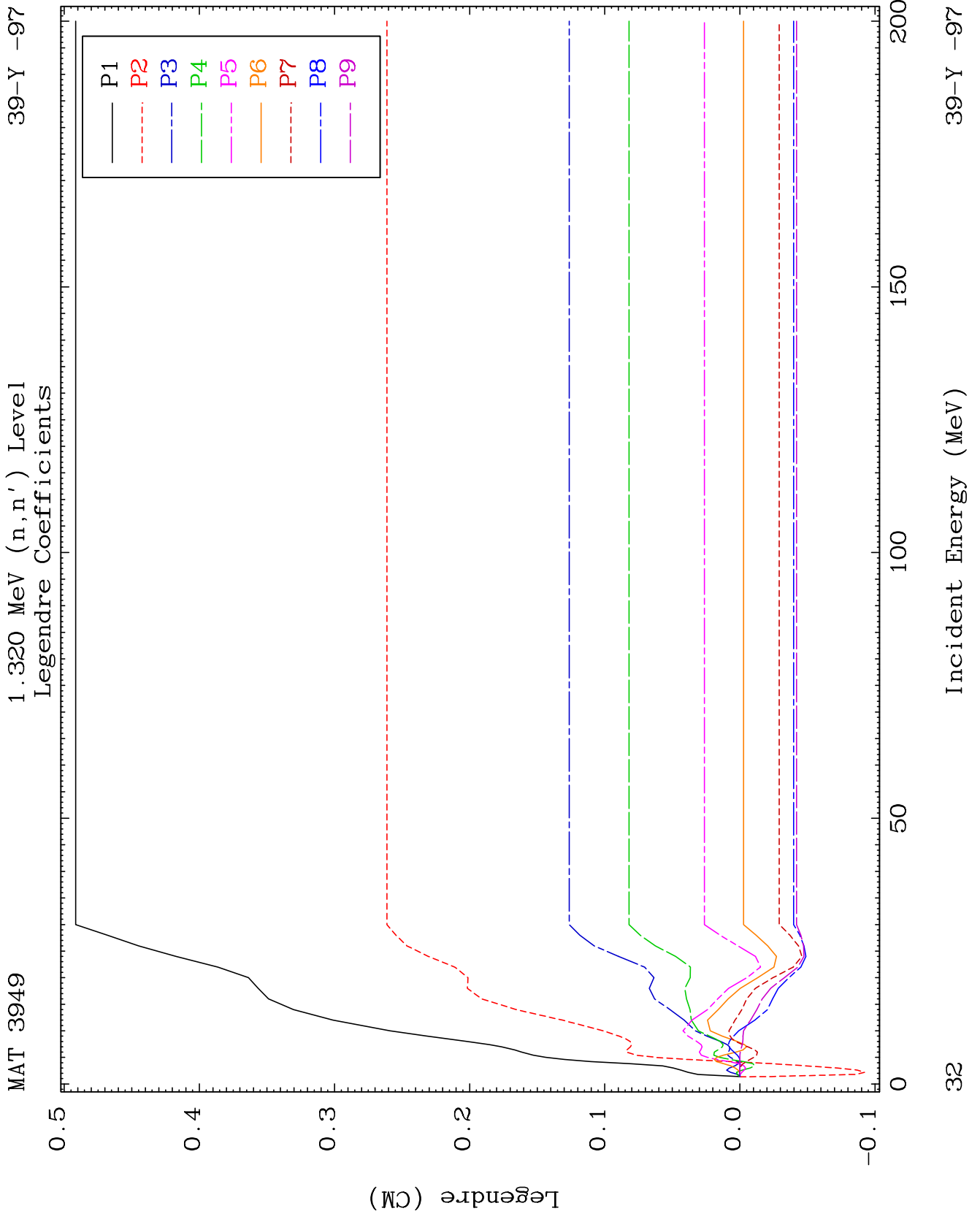
39-Y -97



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Incident Energy (MeV)

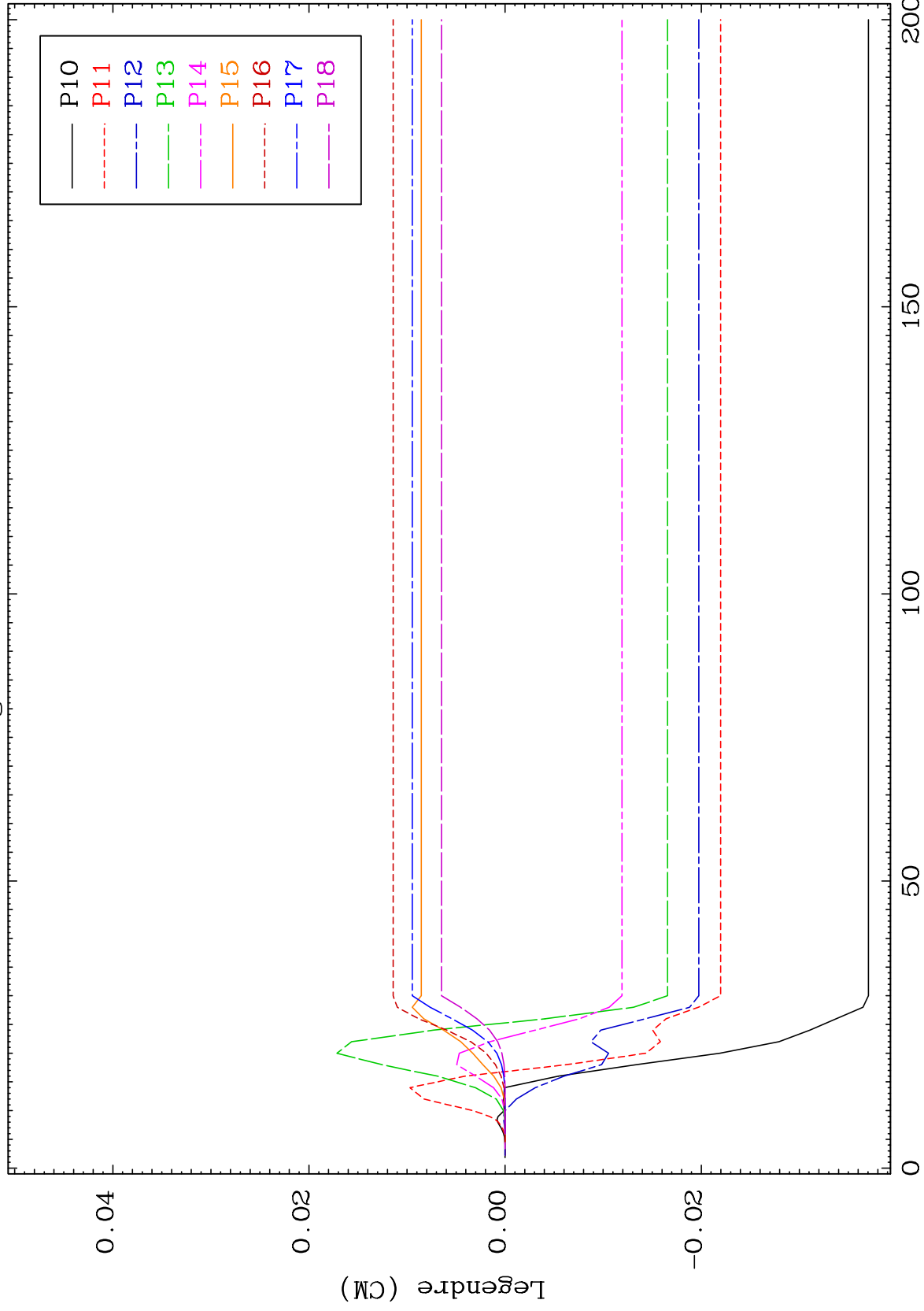
39-Y -97



MAT 3949

1.320 MeV (n,n') Level
Legendre Coefficients

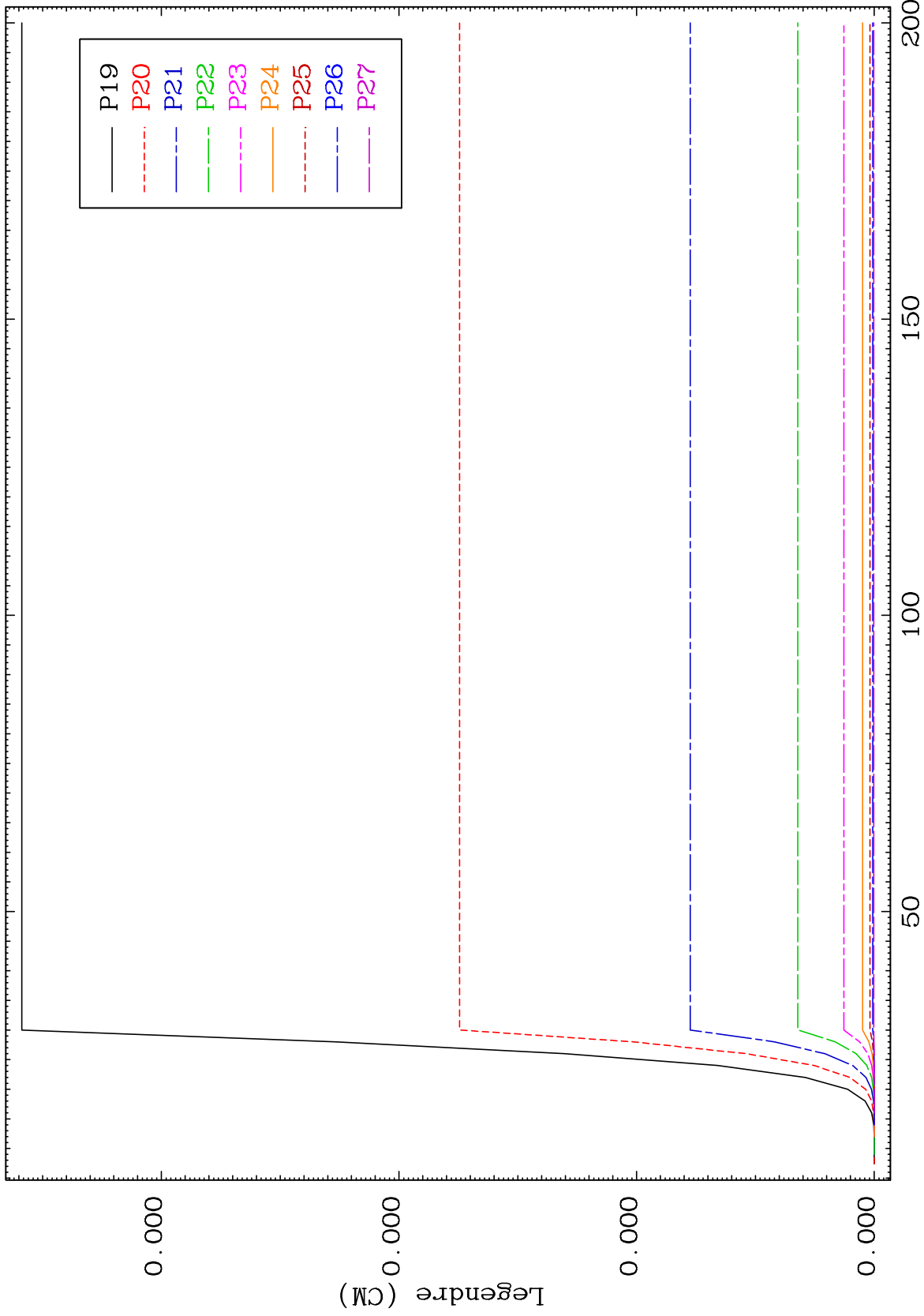
39-Y -97



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Incident Energy (MeV)

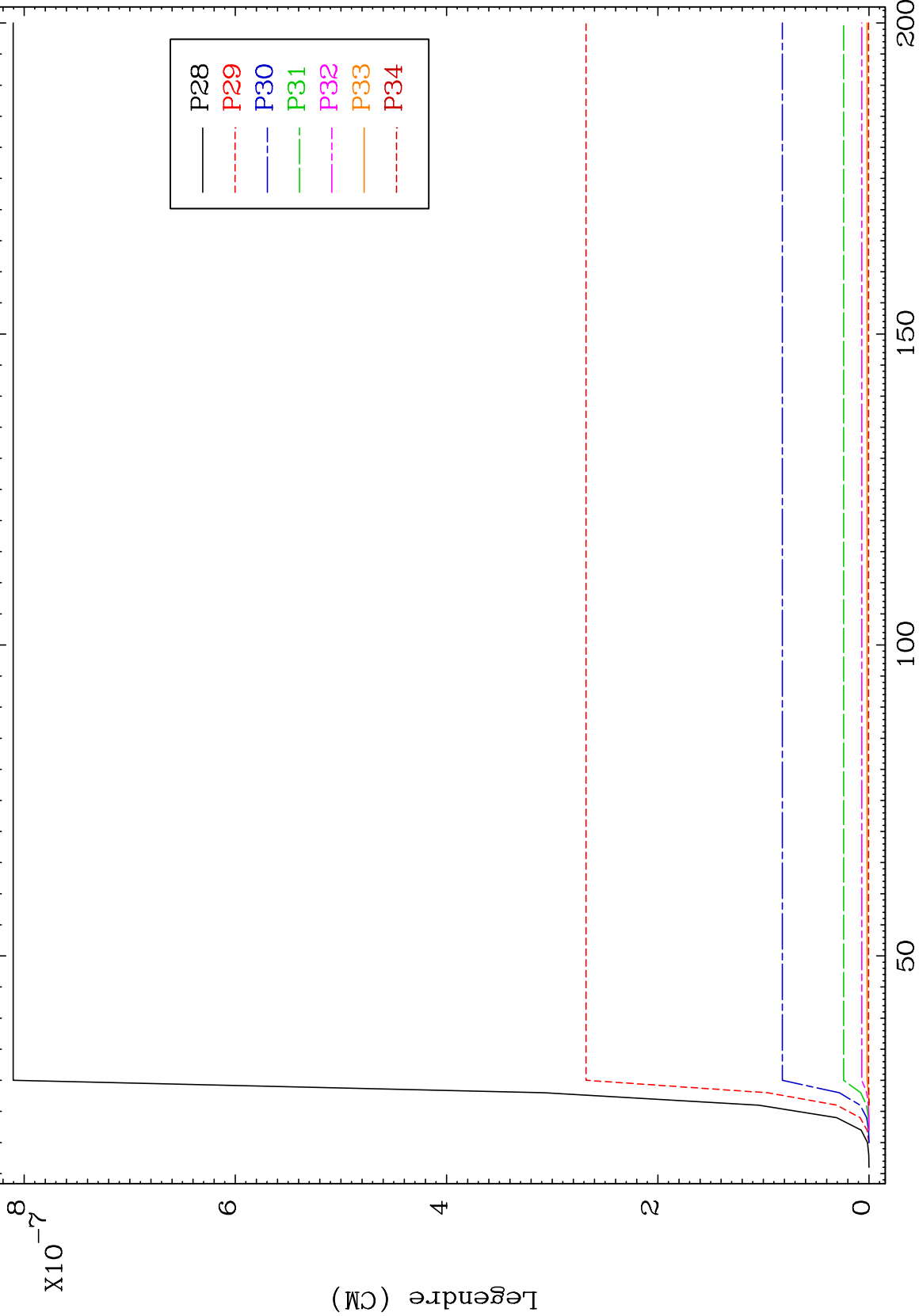
39-Y -97



MAT 3949

1.320 MeV (n,n') Level
Legendre Coefficients

39-Y -97



Incident Energy (MeV)

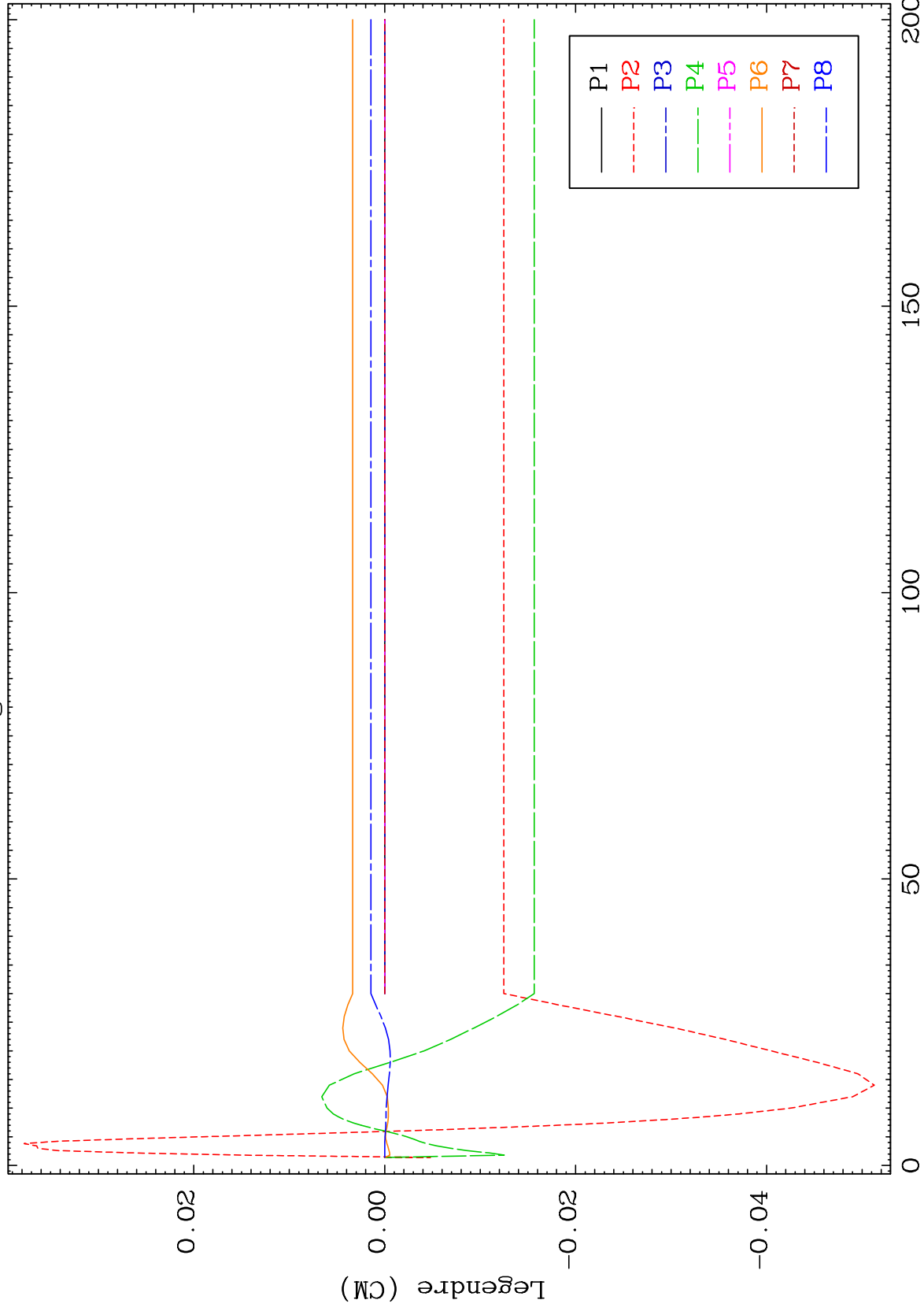
35

39-Y -97

MAT 3949

1.336 MeV (n,n') Level
Legendre Coefficients

39-Y -97



36

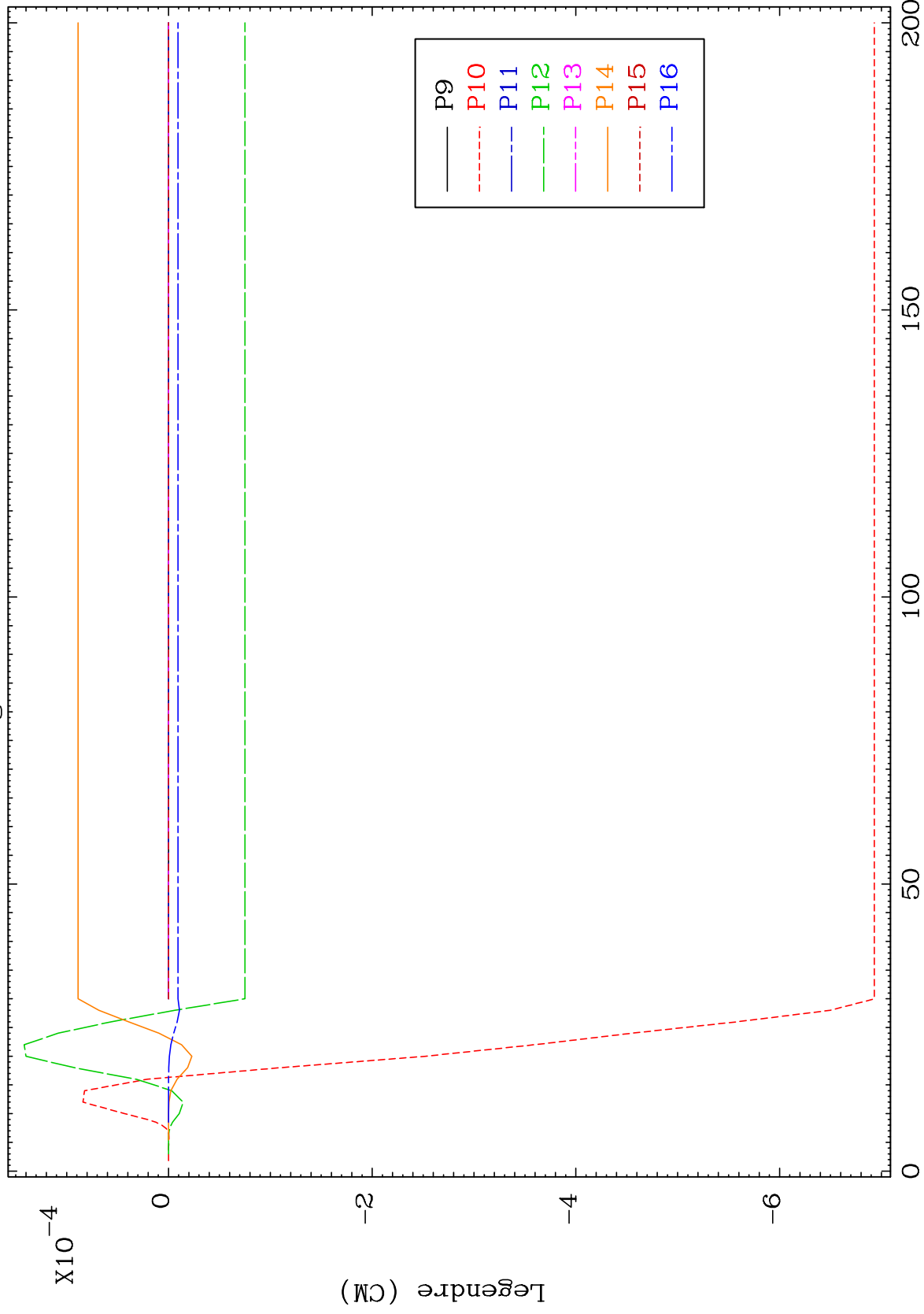
Incident Energy (MeV)

39-Y -97

MAT 3949

1.336 MeV (n,n') Level Legendre Coefficients

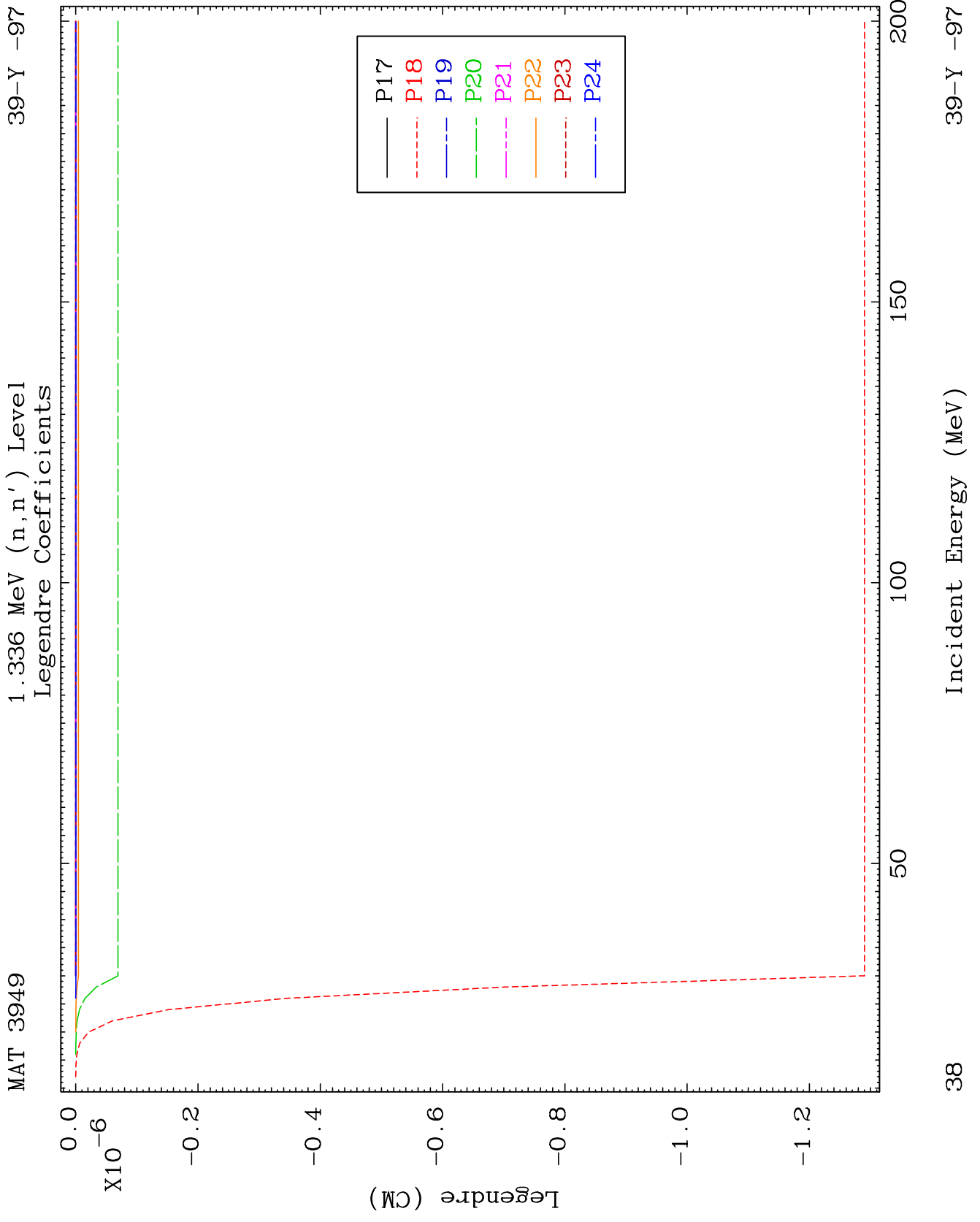
39-Y -97

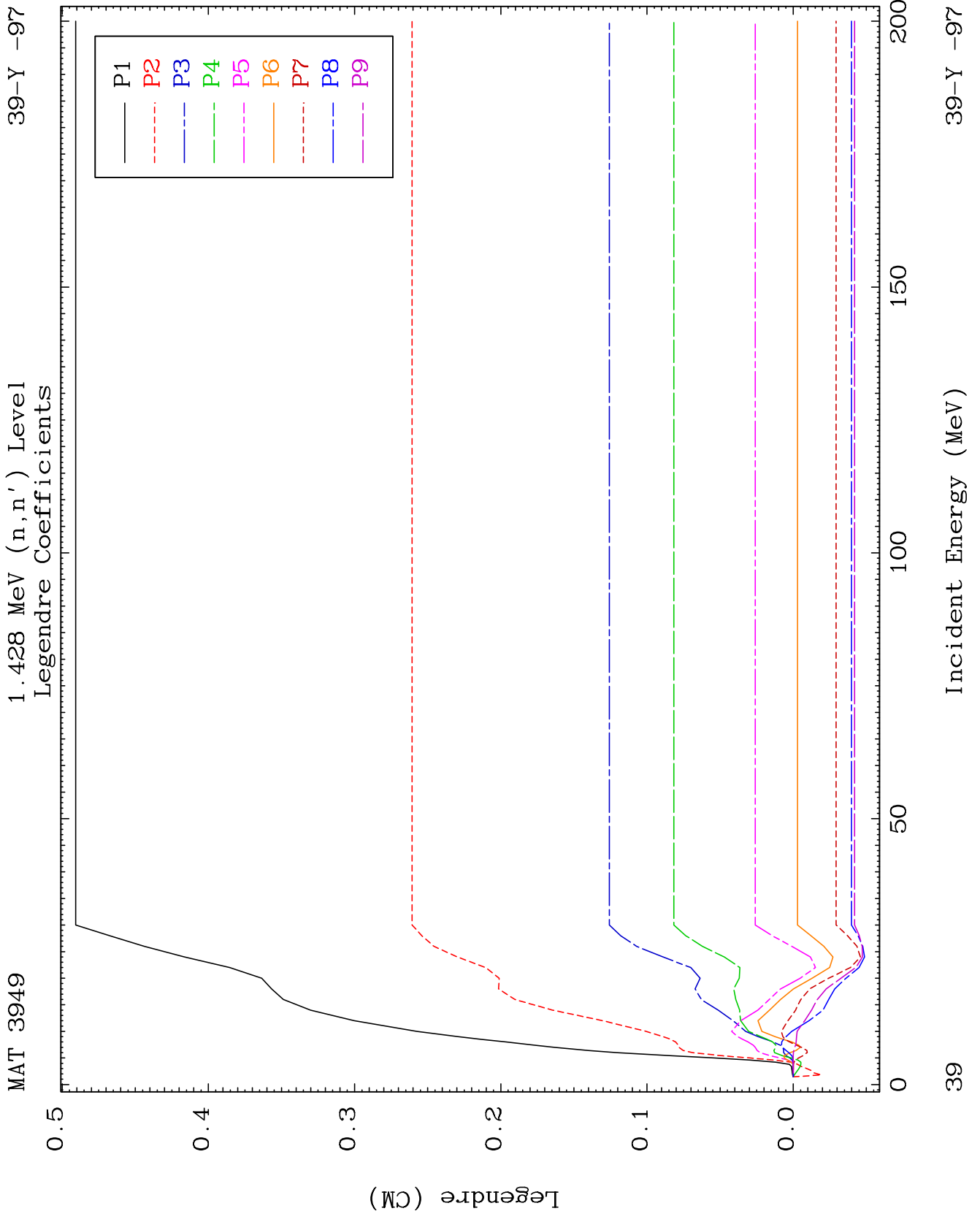


37

Incident Energy (MeV)

39-Y -97

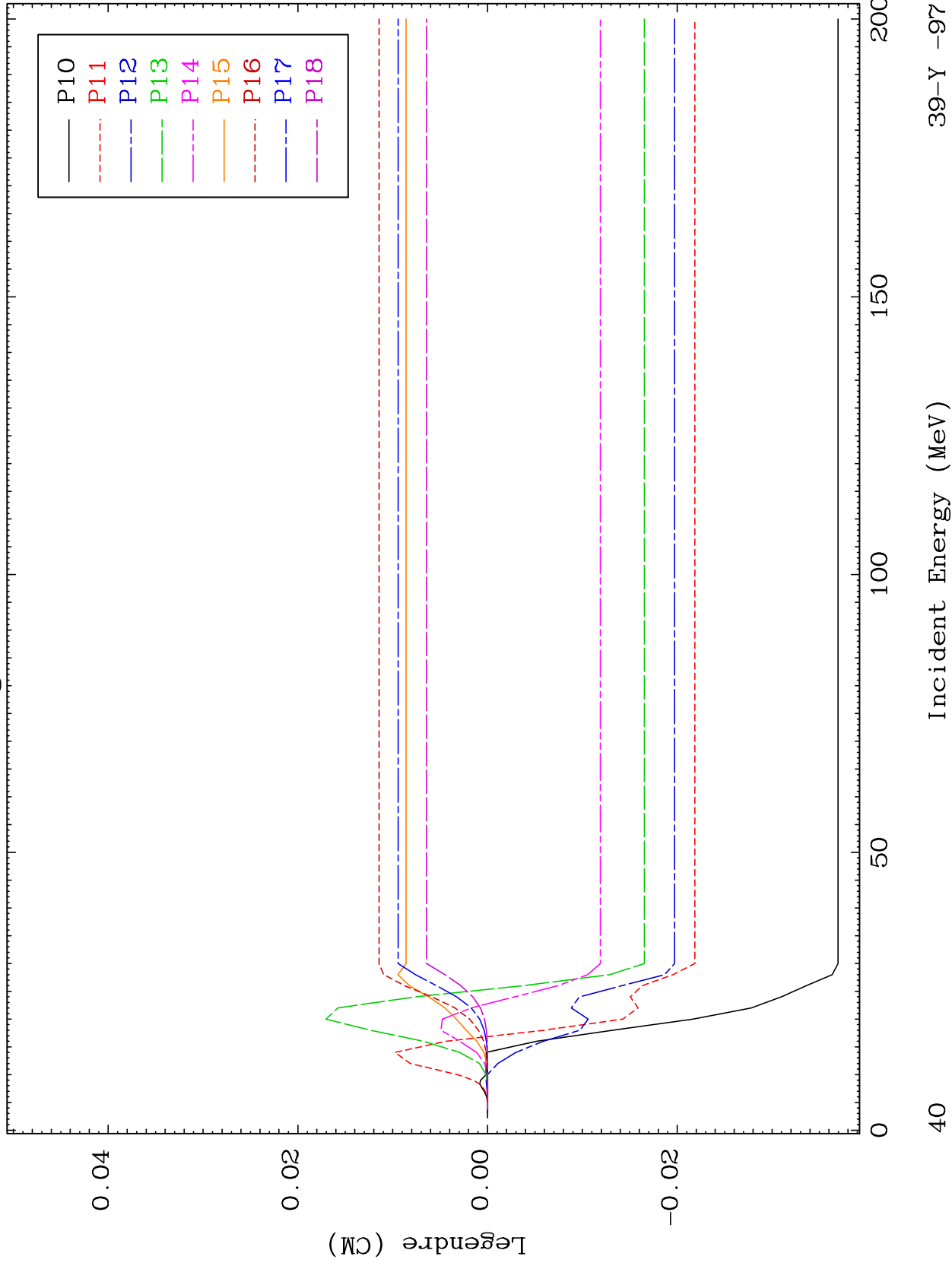




MAT 3949

1.428 MeV (n,n') Level
Legendre Coefficients

39-Y -97



39-Y -97

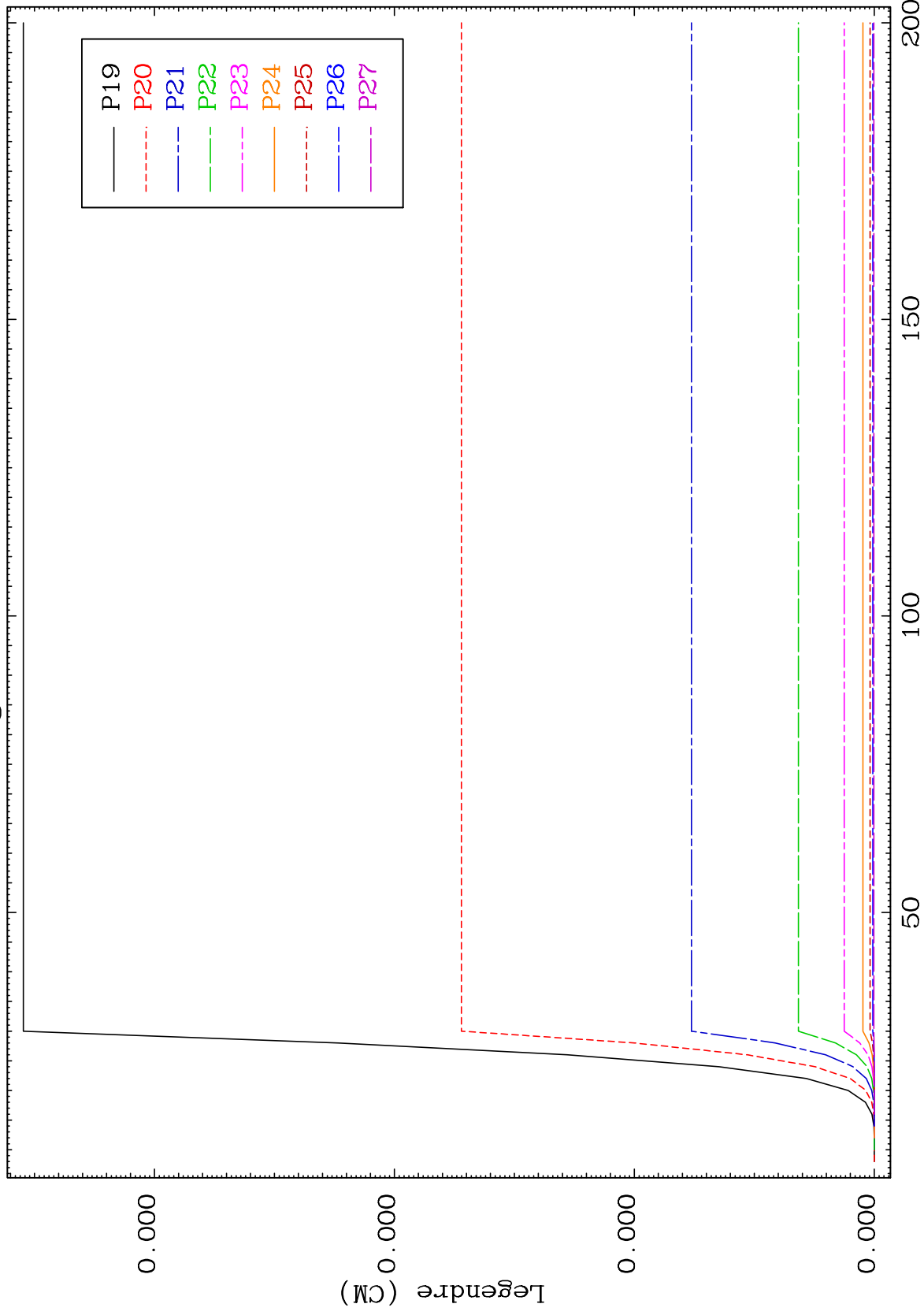
Incident Energy (MeV)

40

MAT 3949

1.428 MeV (n,n') Level
Legendre Coefficients

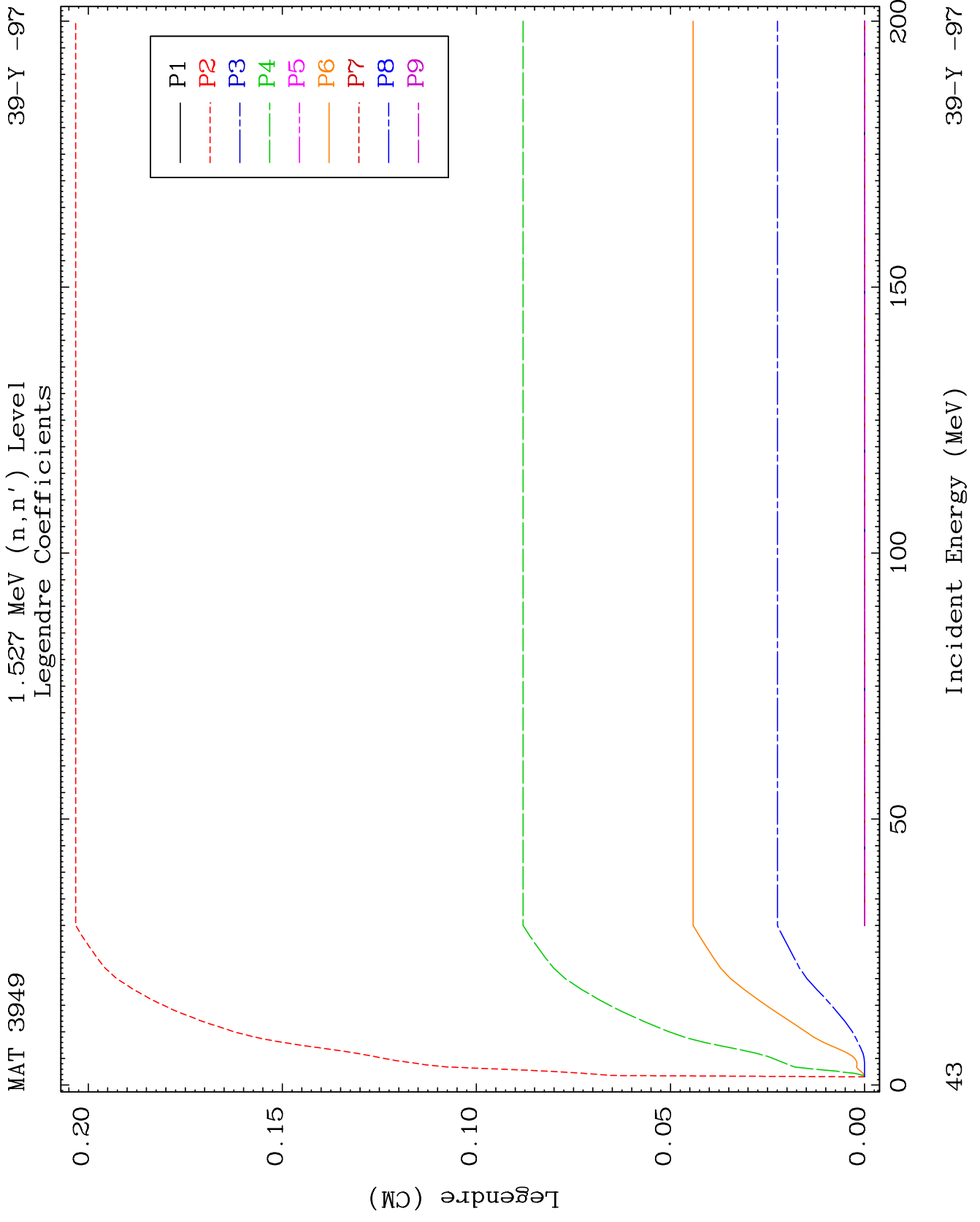
39-Y -97

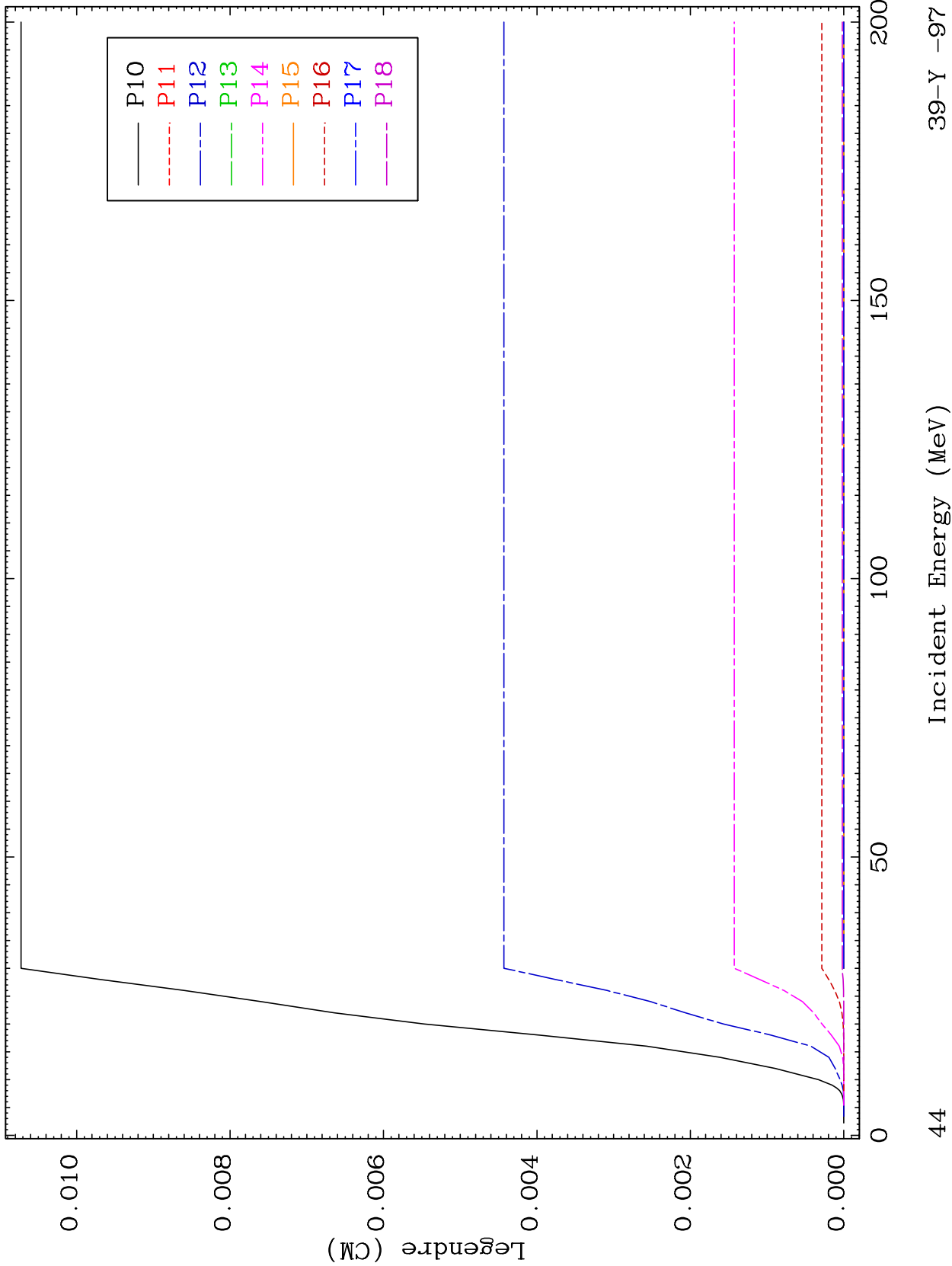


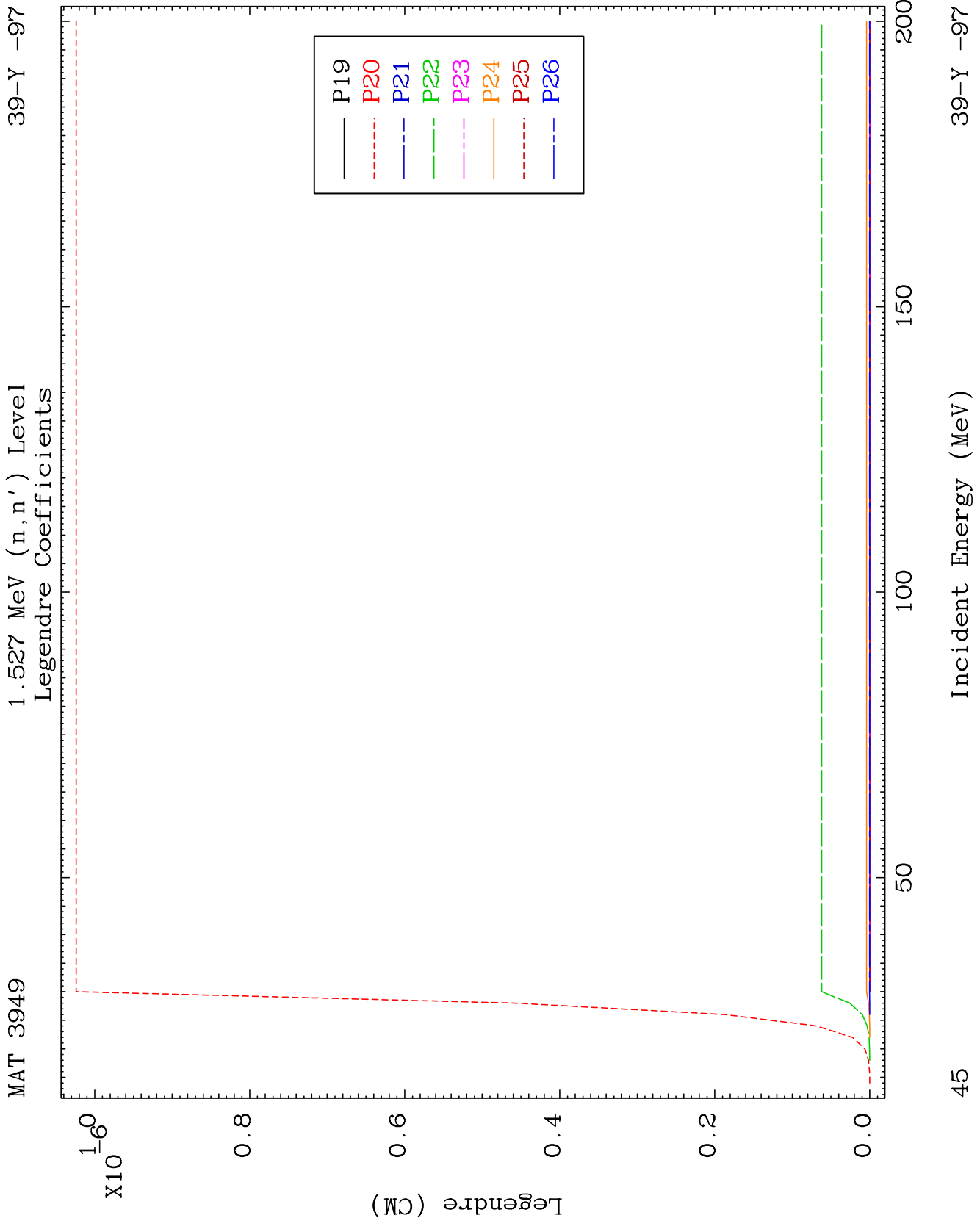
41

Incident Energy (MeV)

39-Y -97



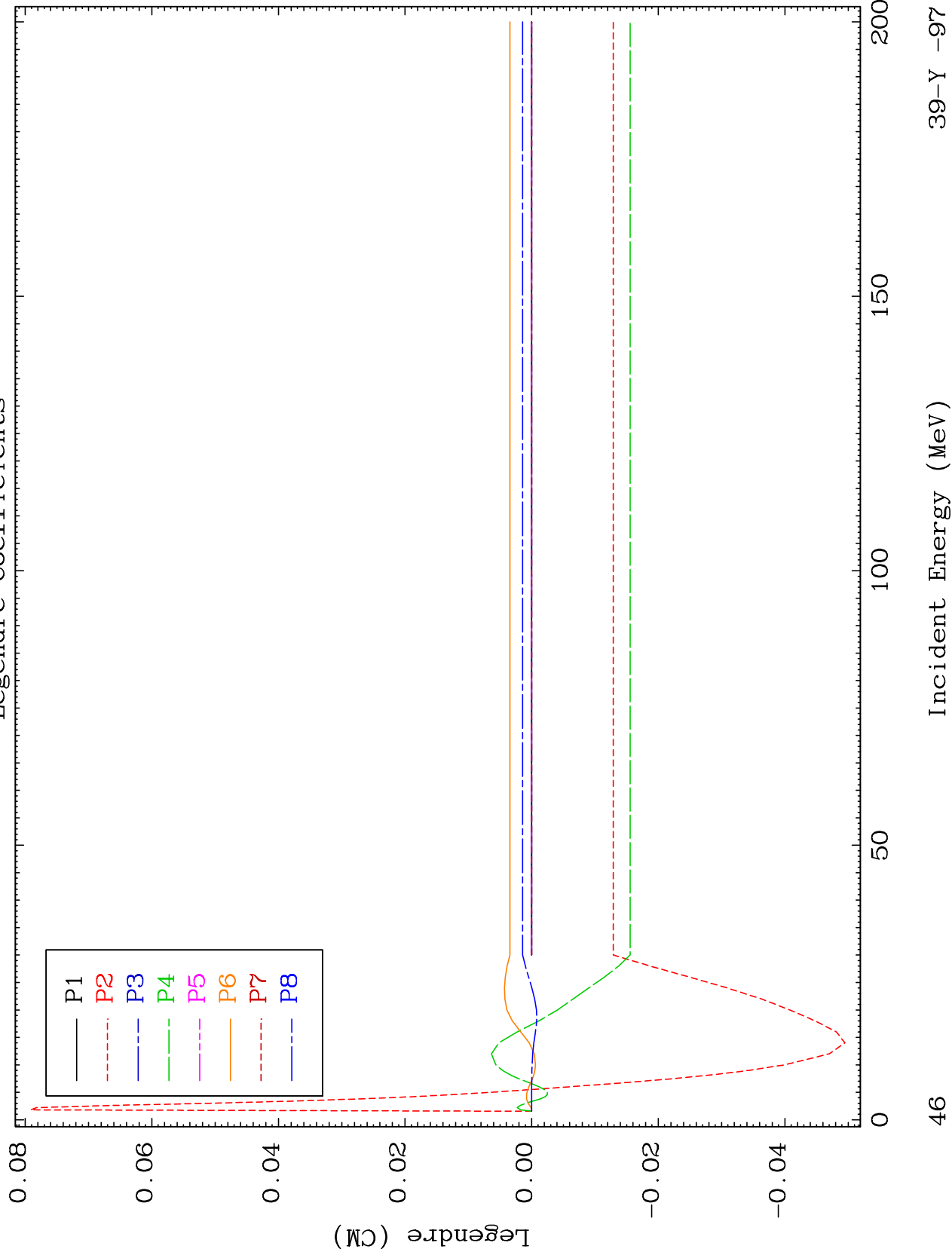




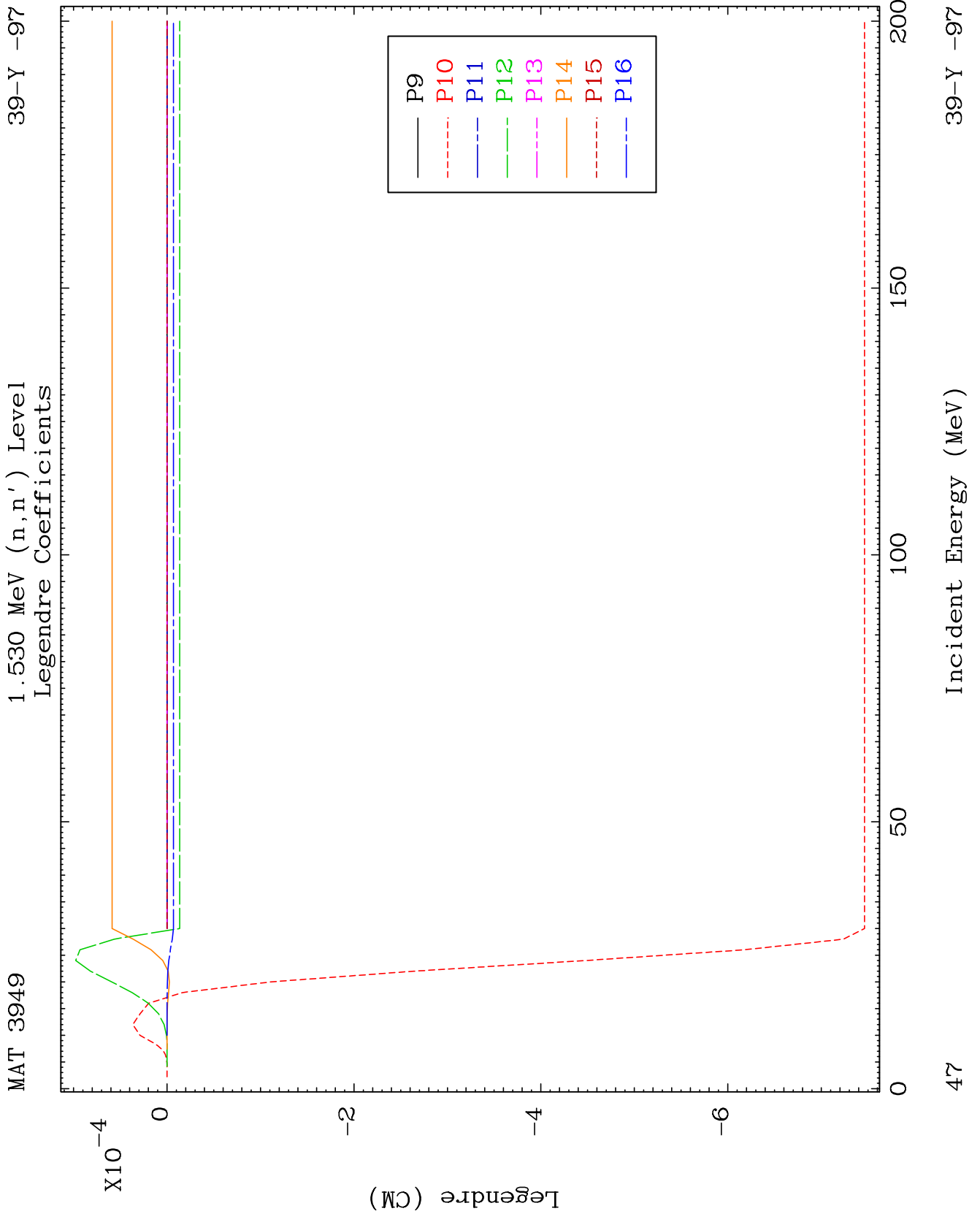
MAT 3949

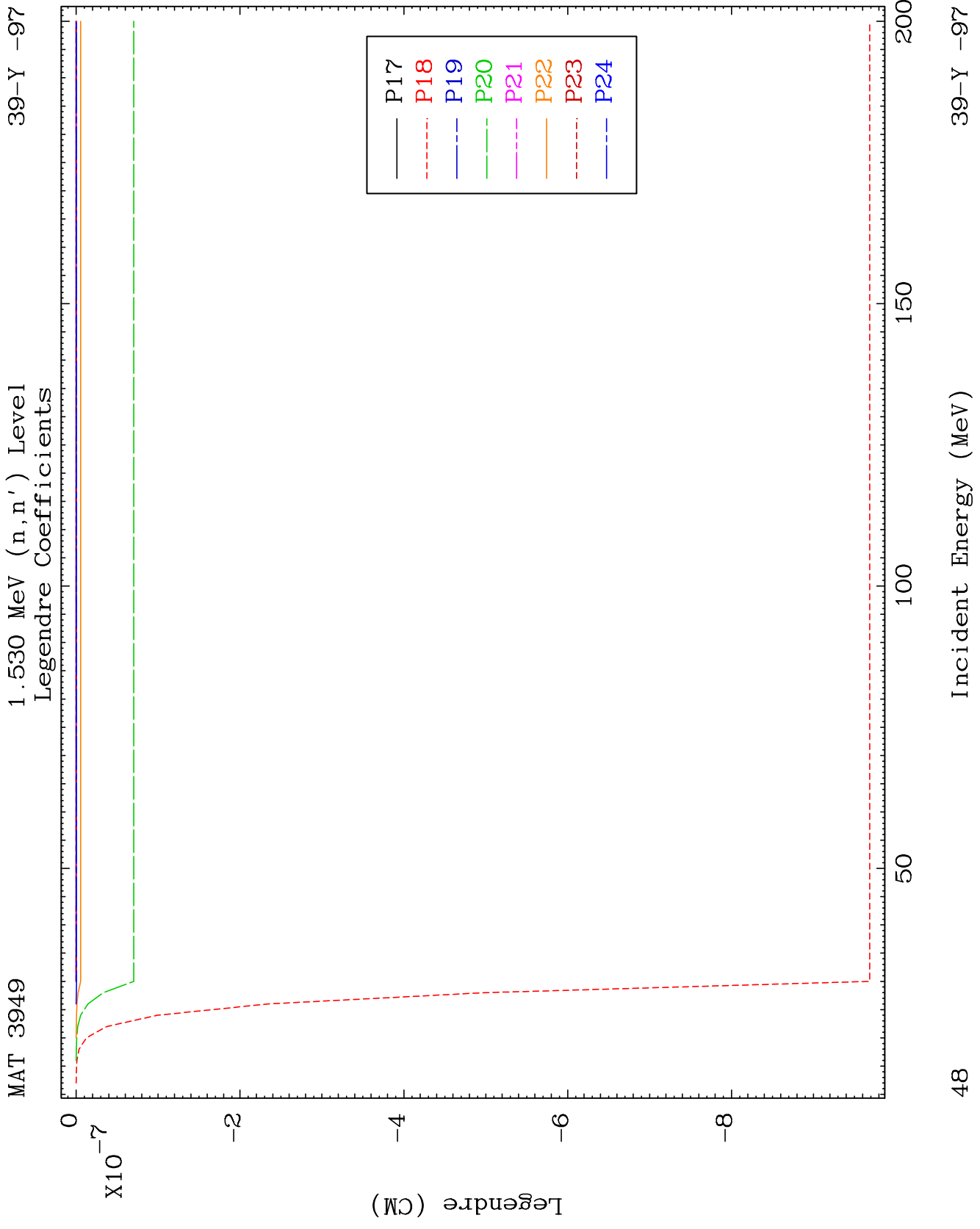
1.530 MeV (n,n') Level
Legendre Coefficients

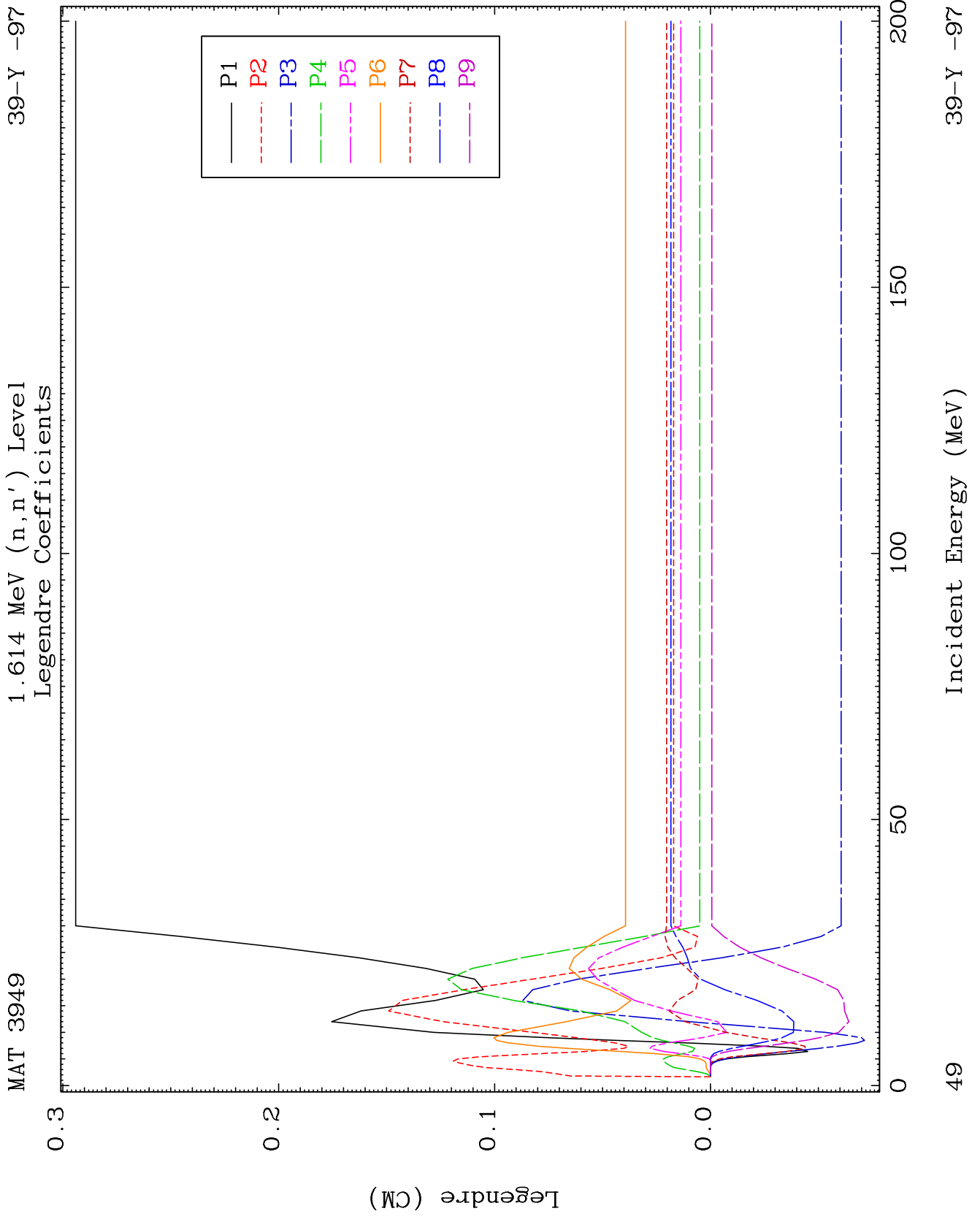
39-Y -97



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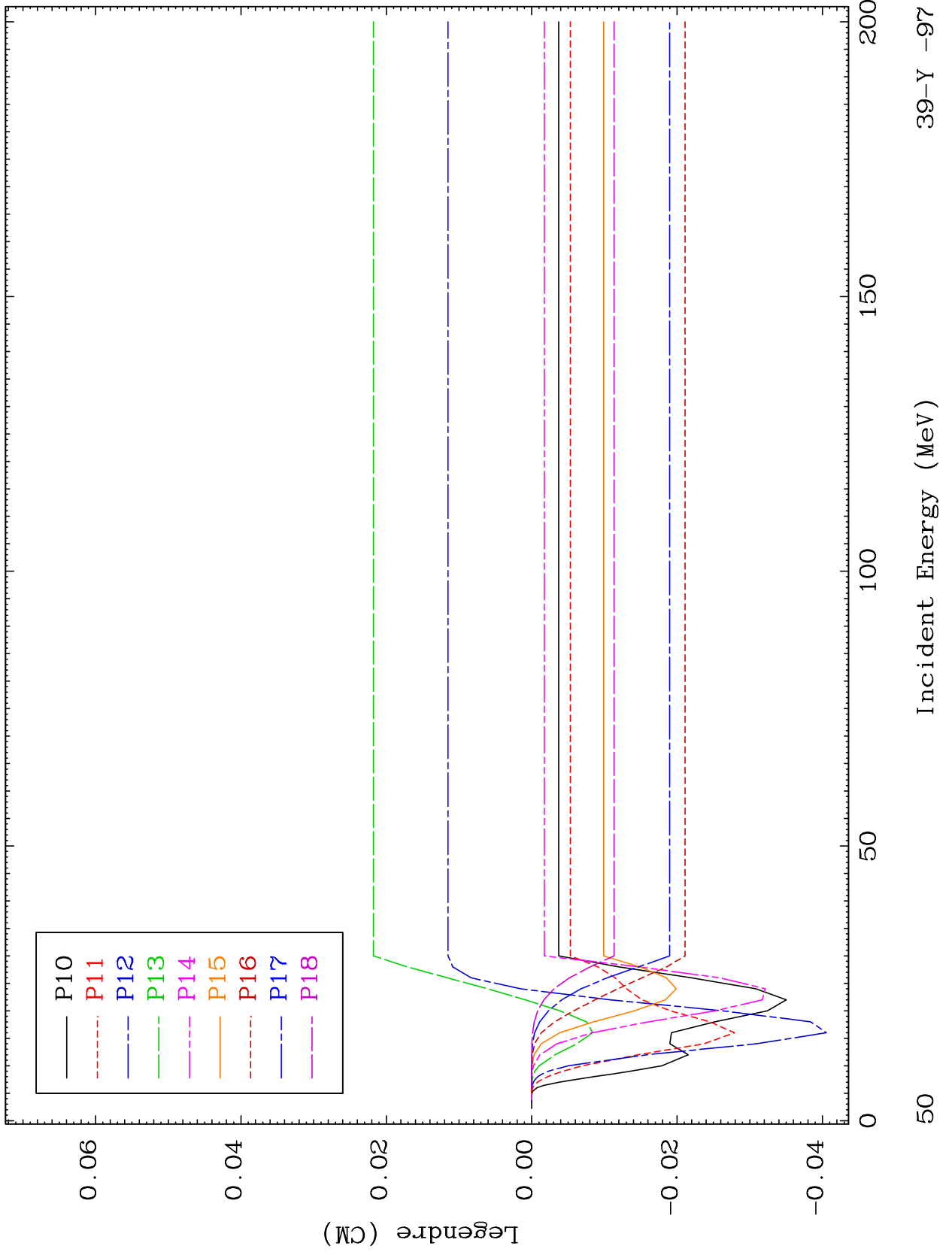




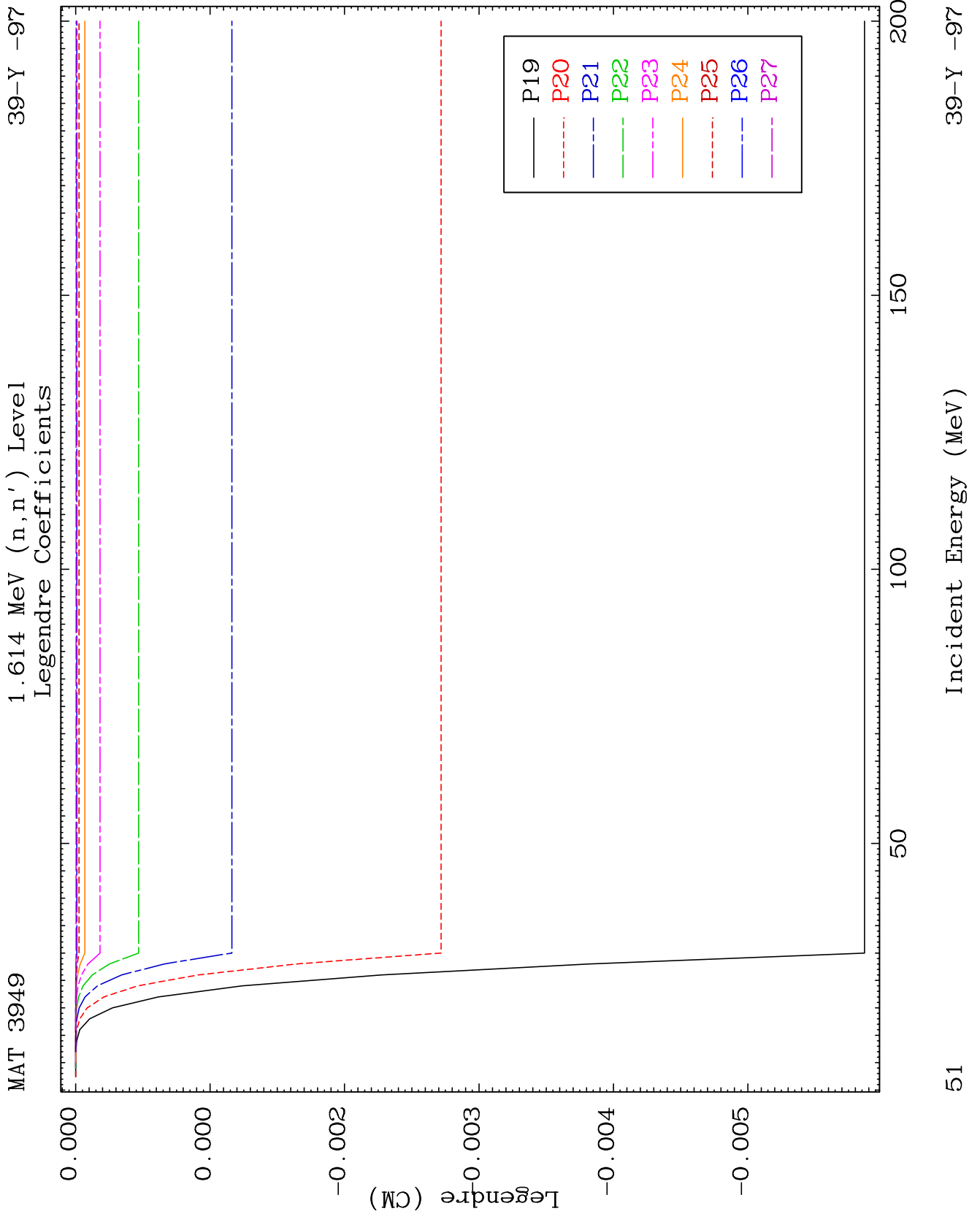
MAT 3949

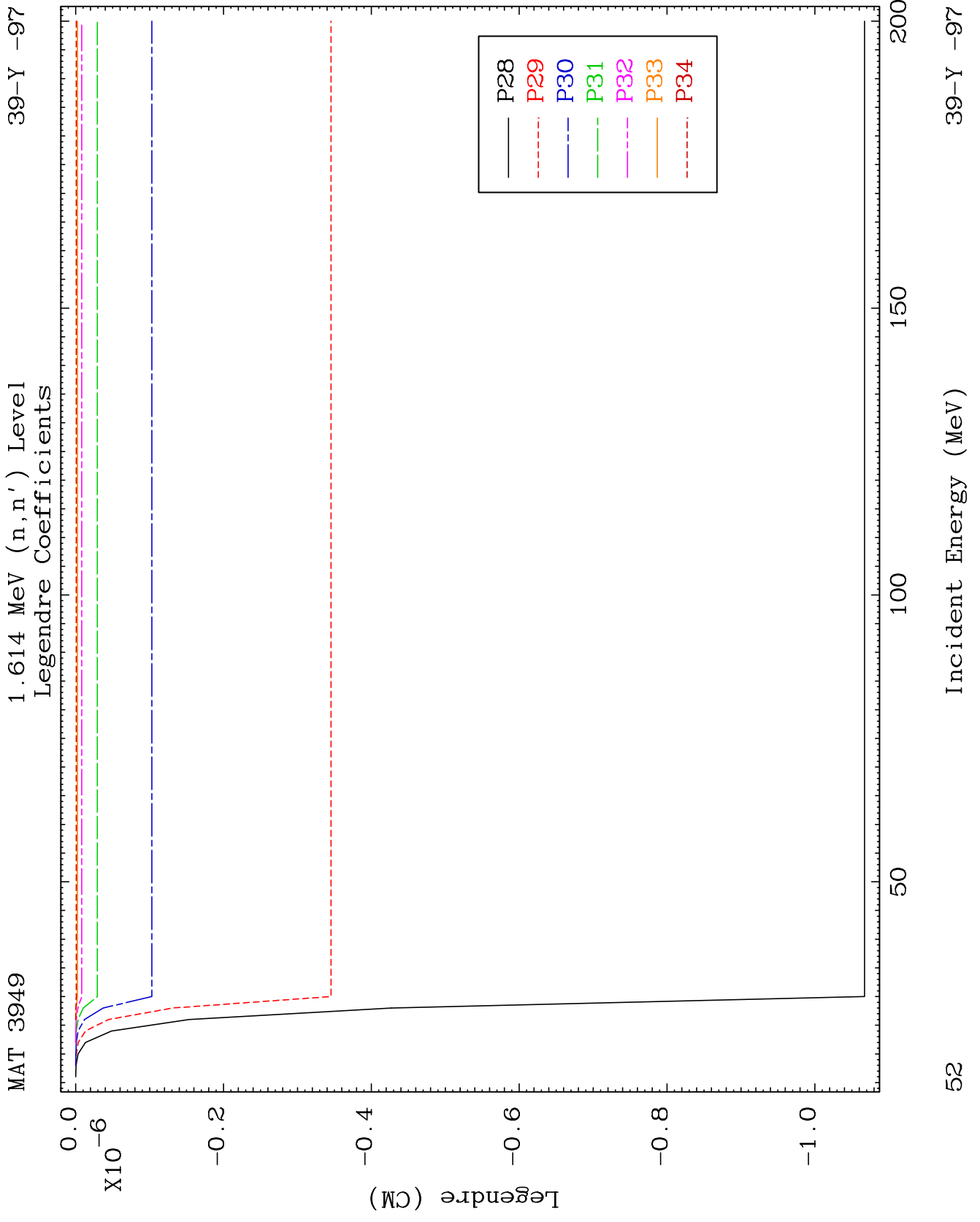
1.614 MeV (n,n') Level
Legendre Coefficients

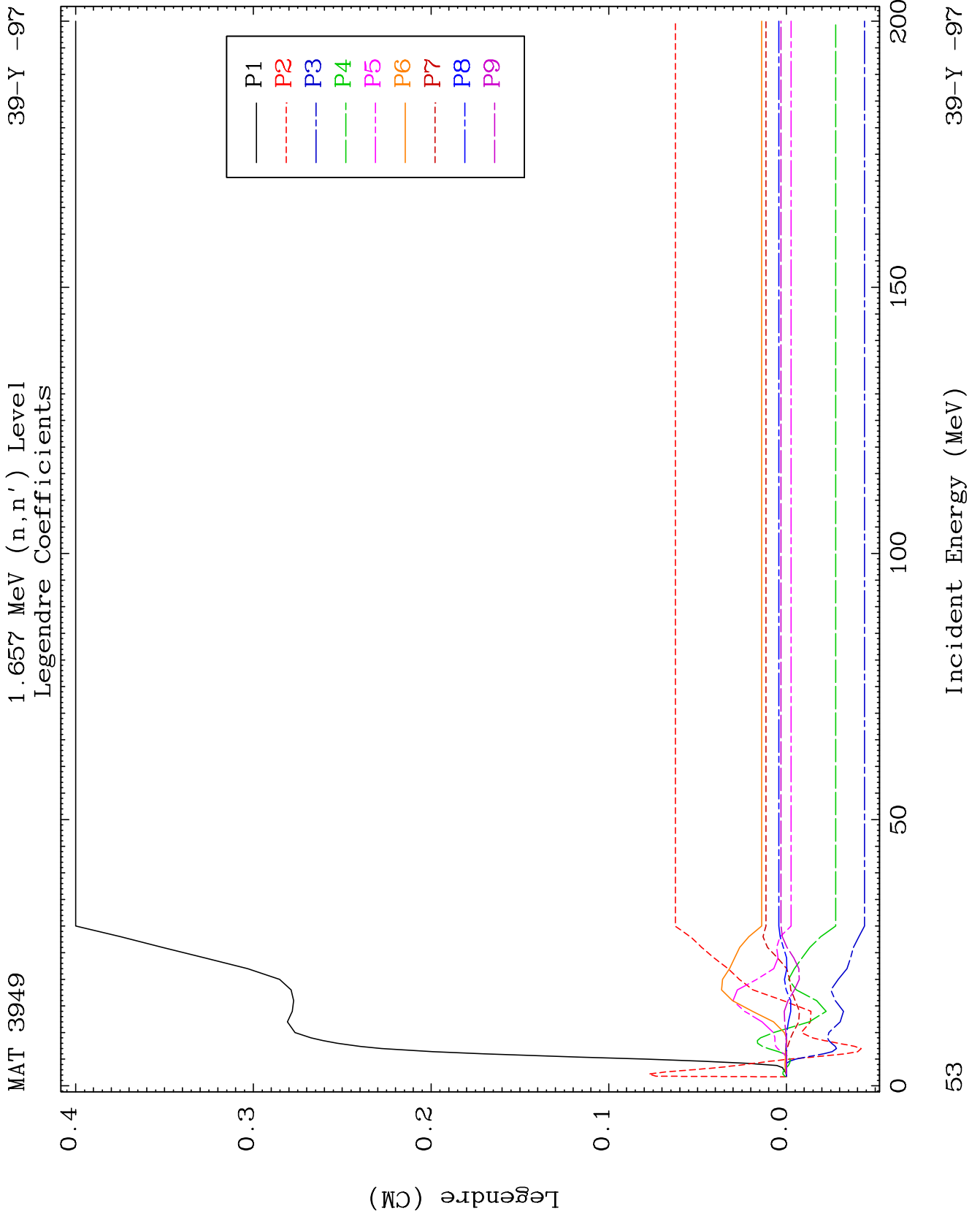
39-Y -97



39-Y -97



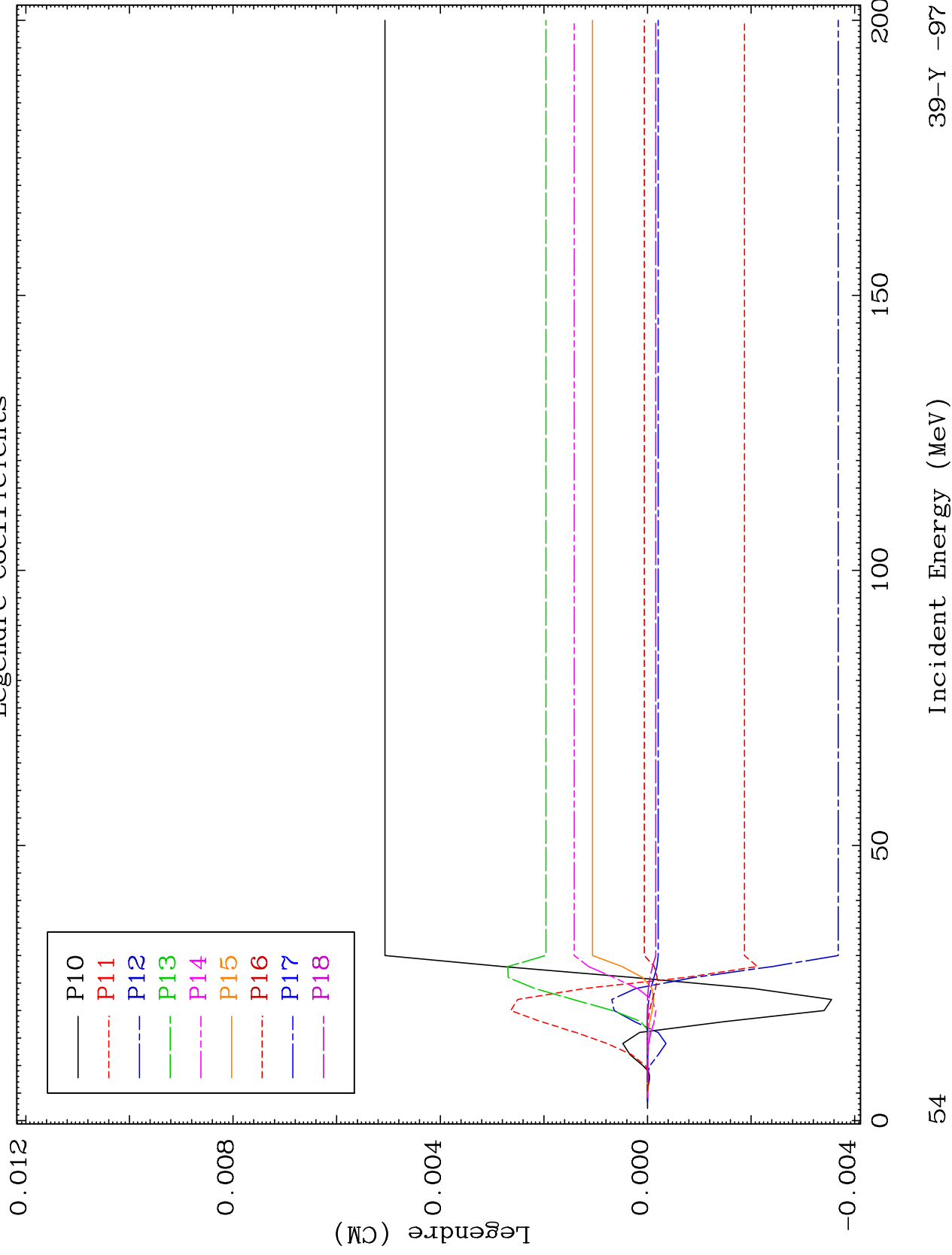




MAT 3949

1.657 MeV (n,n') Level
Legendre Coefficients

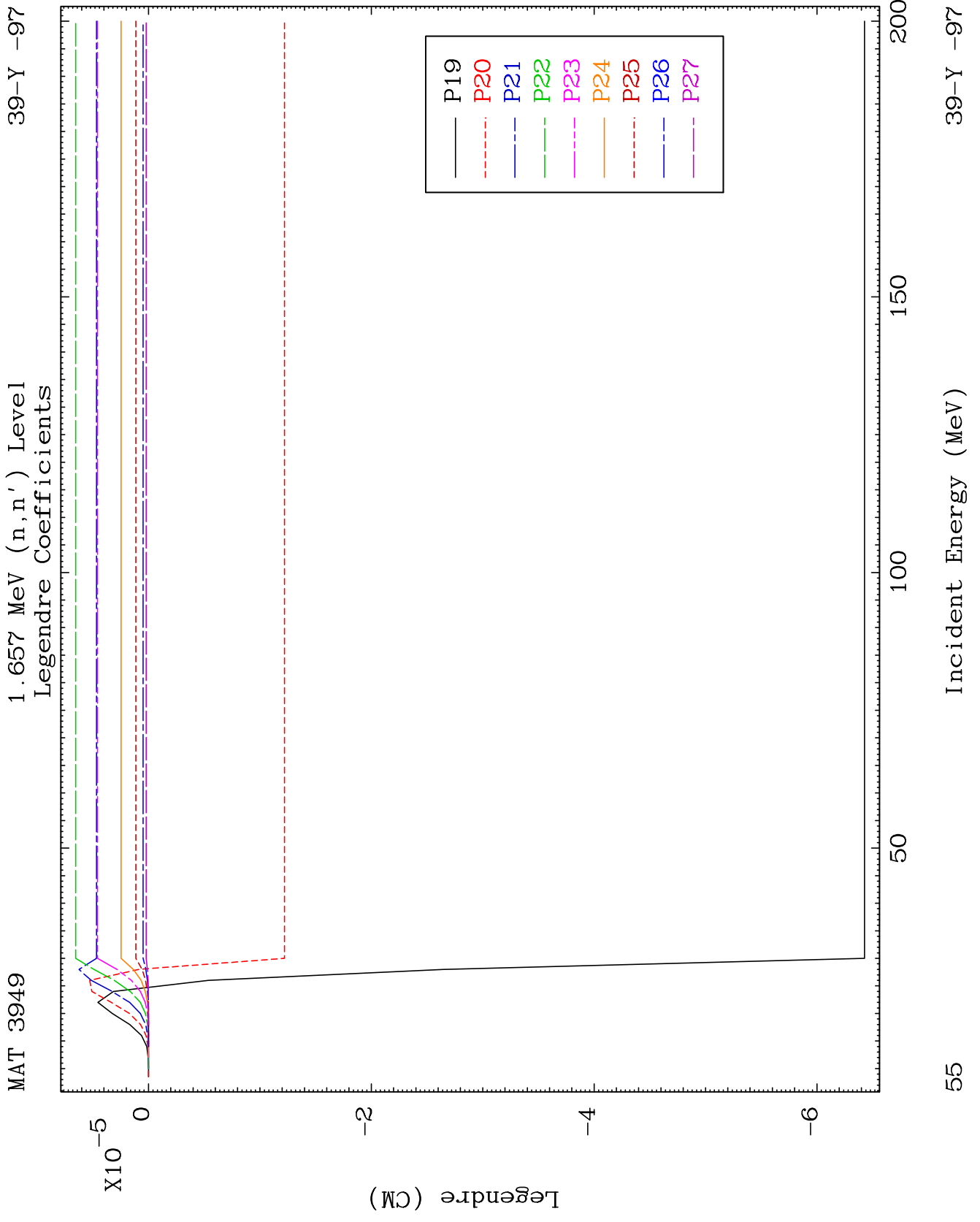
39-Y -97



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Incident Energy (MeV)

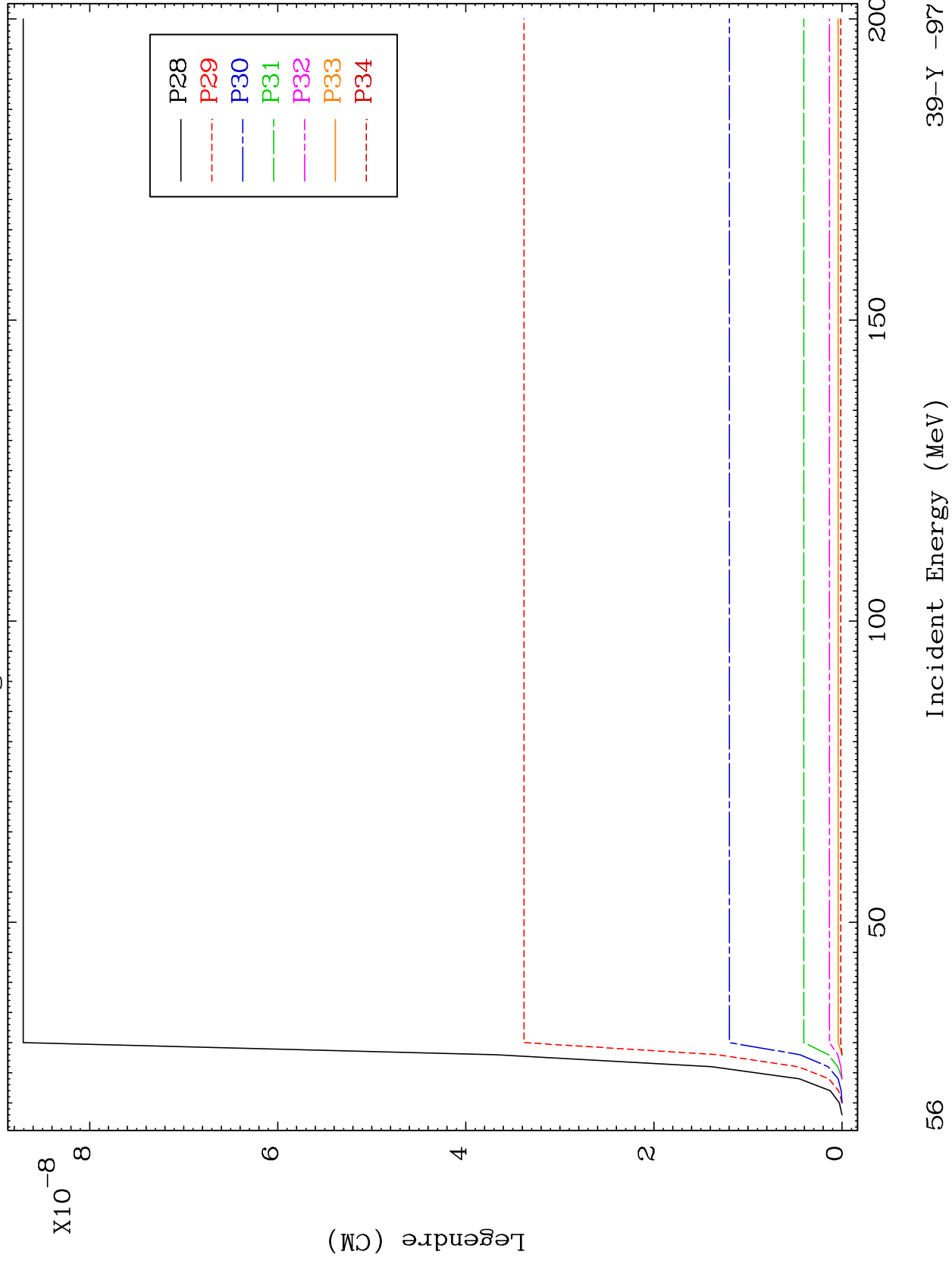
39-Y -97



MAT 3949

1.657 MeV (n,n') Level Legendre Coefficients

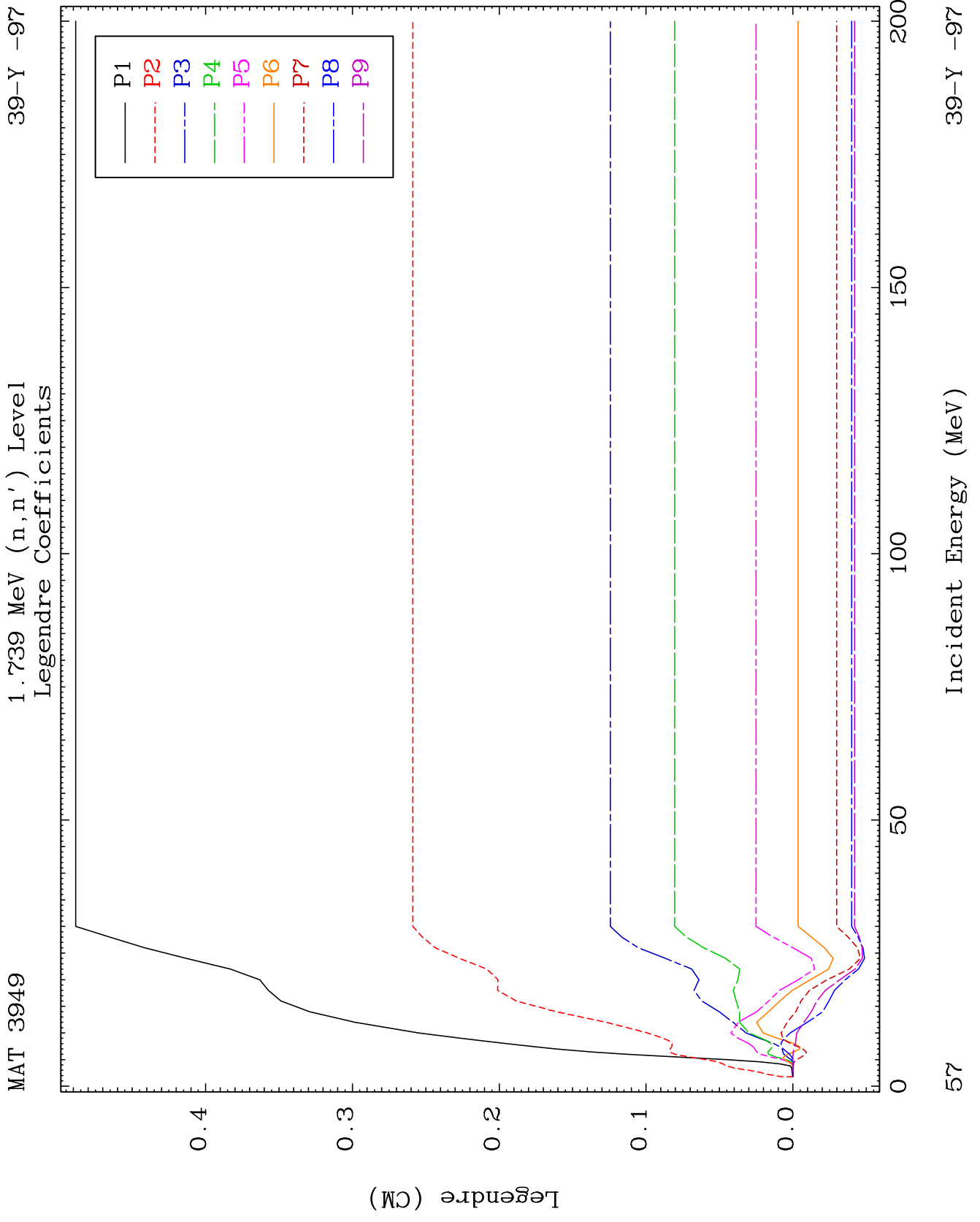
39-Y -97



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Incident Energy (MeV)

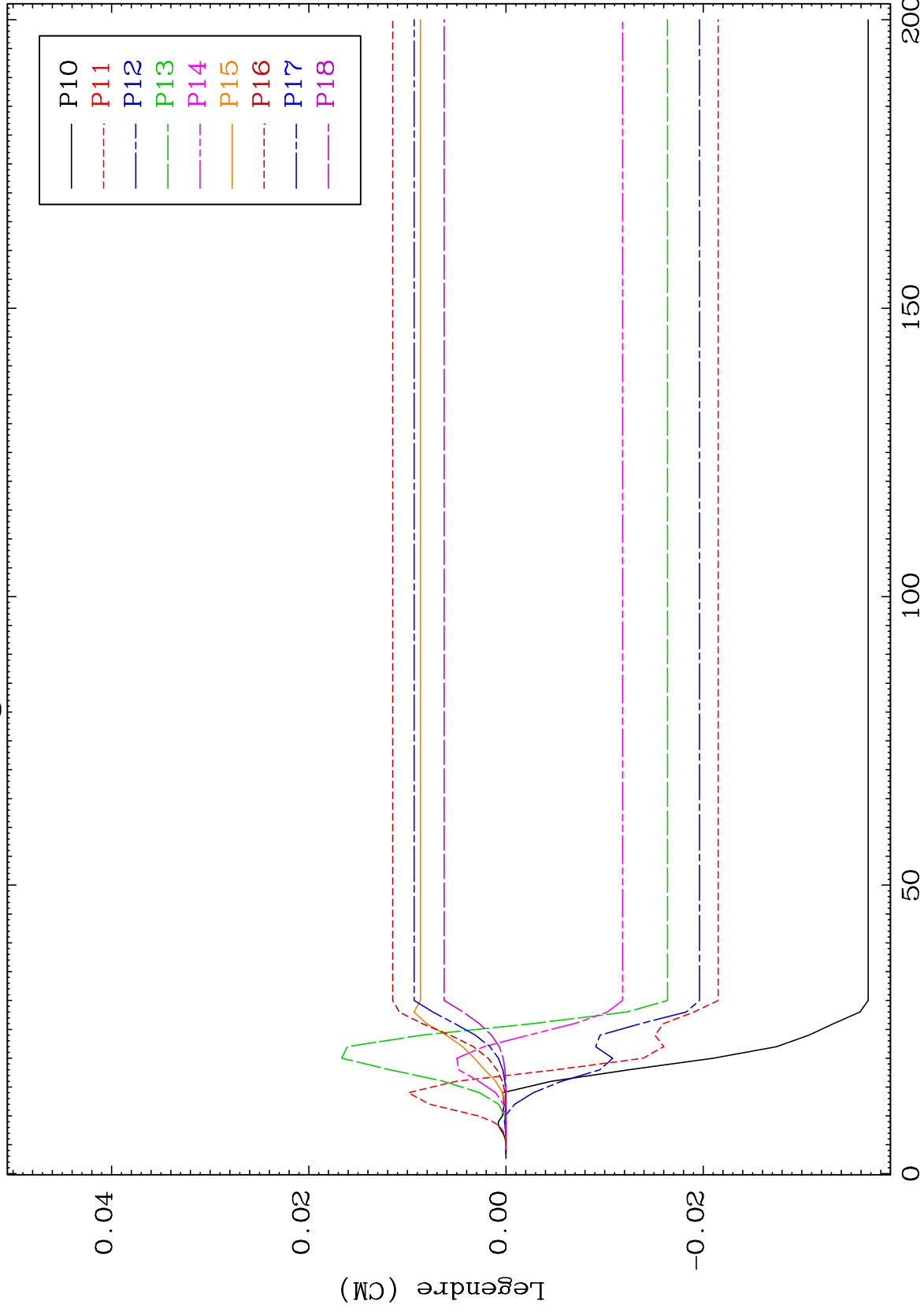
39-Y -97



MAT 3949

1.739 MeV (n,n') Level
Legendre Coefficients

39-Y -97



58

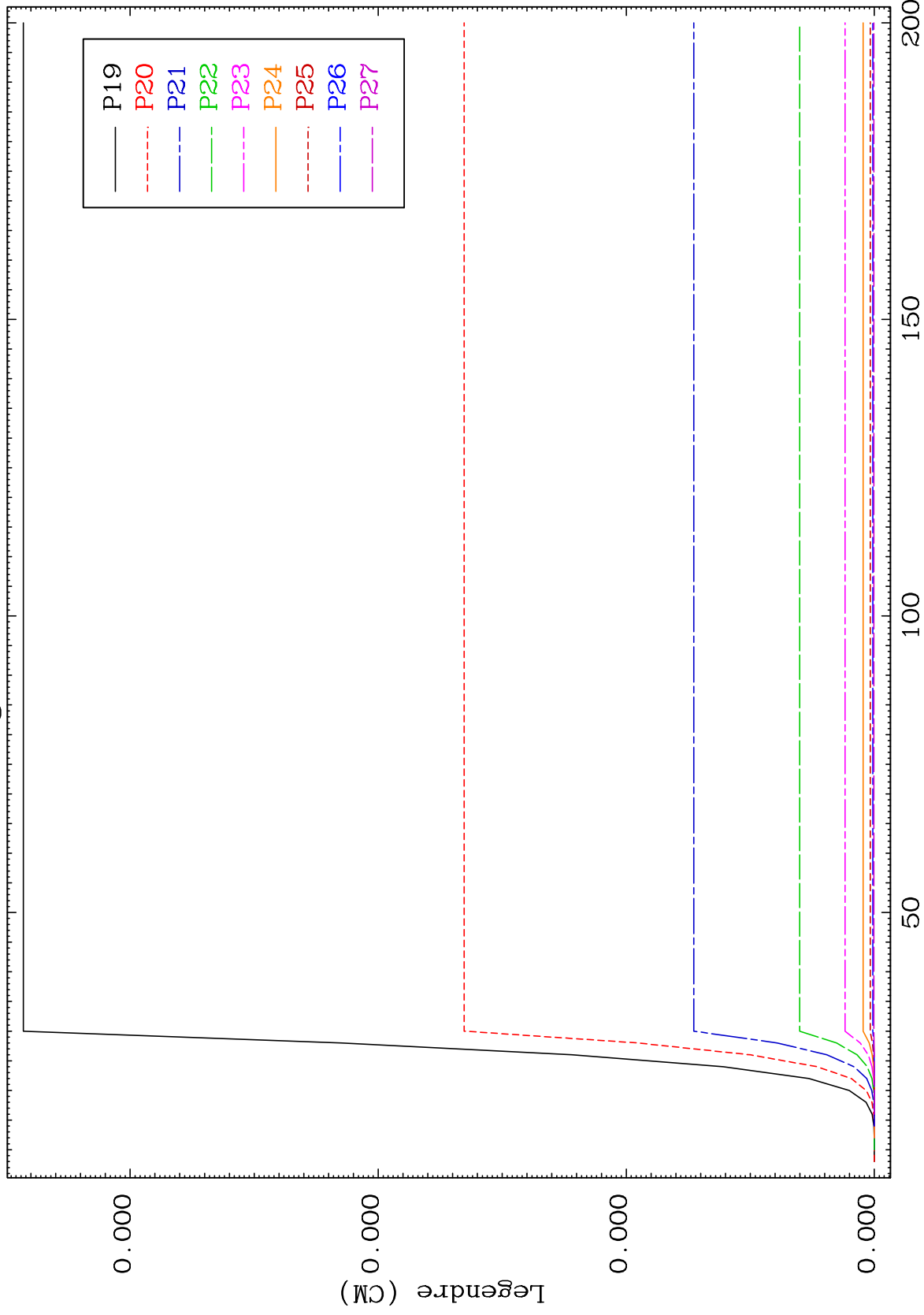
Incident Energy (MeV)

39-Y -97

MAT 3949

1.739 MeV (n,n') Level Legendre Coefficients

39-Y -97



59

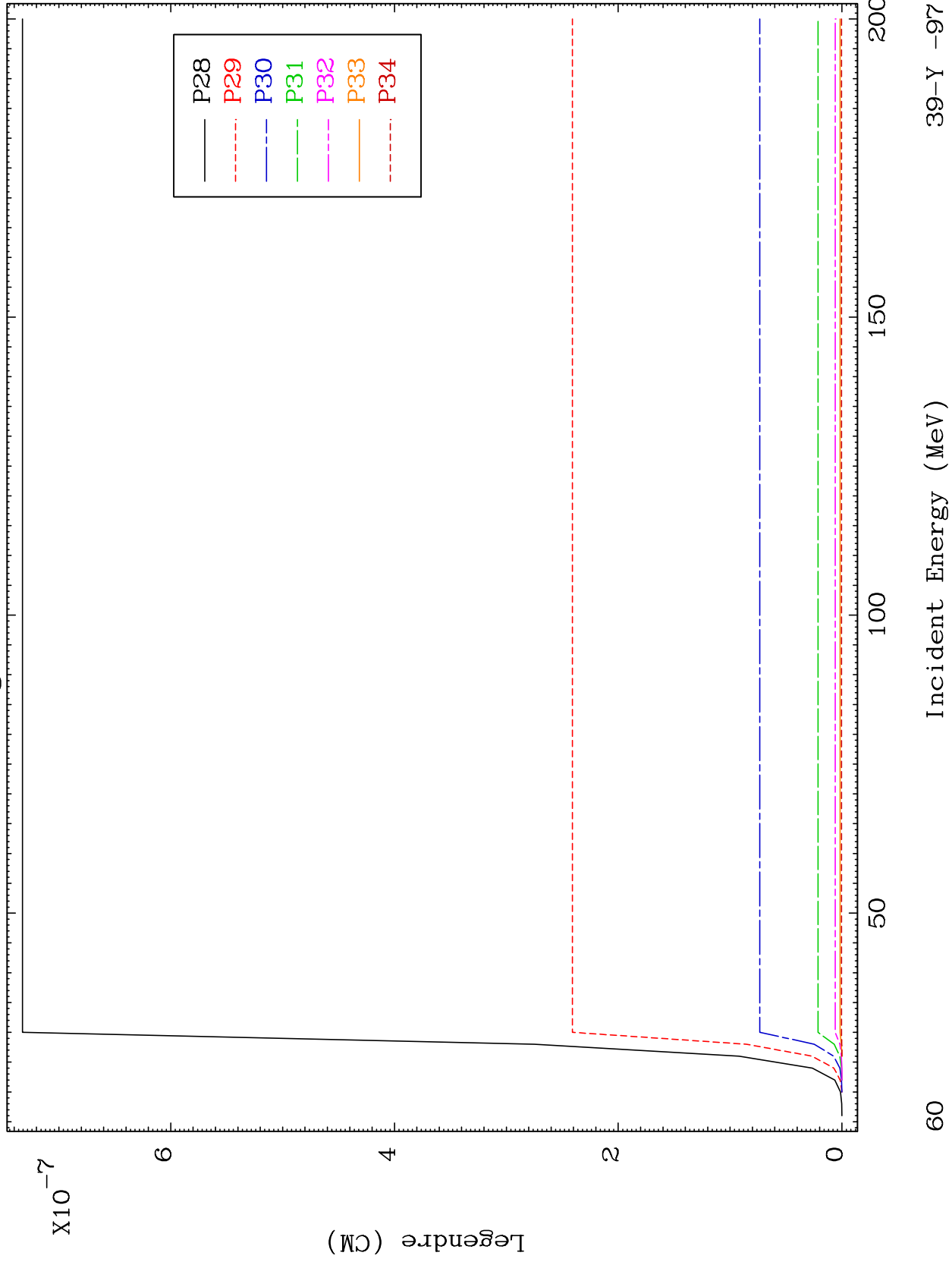
Incident Energy (MeV)

39-Y -97

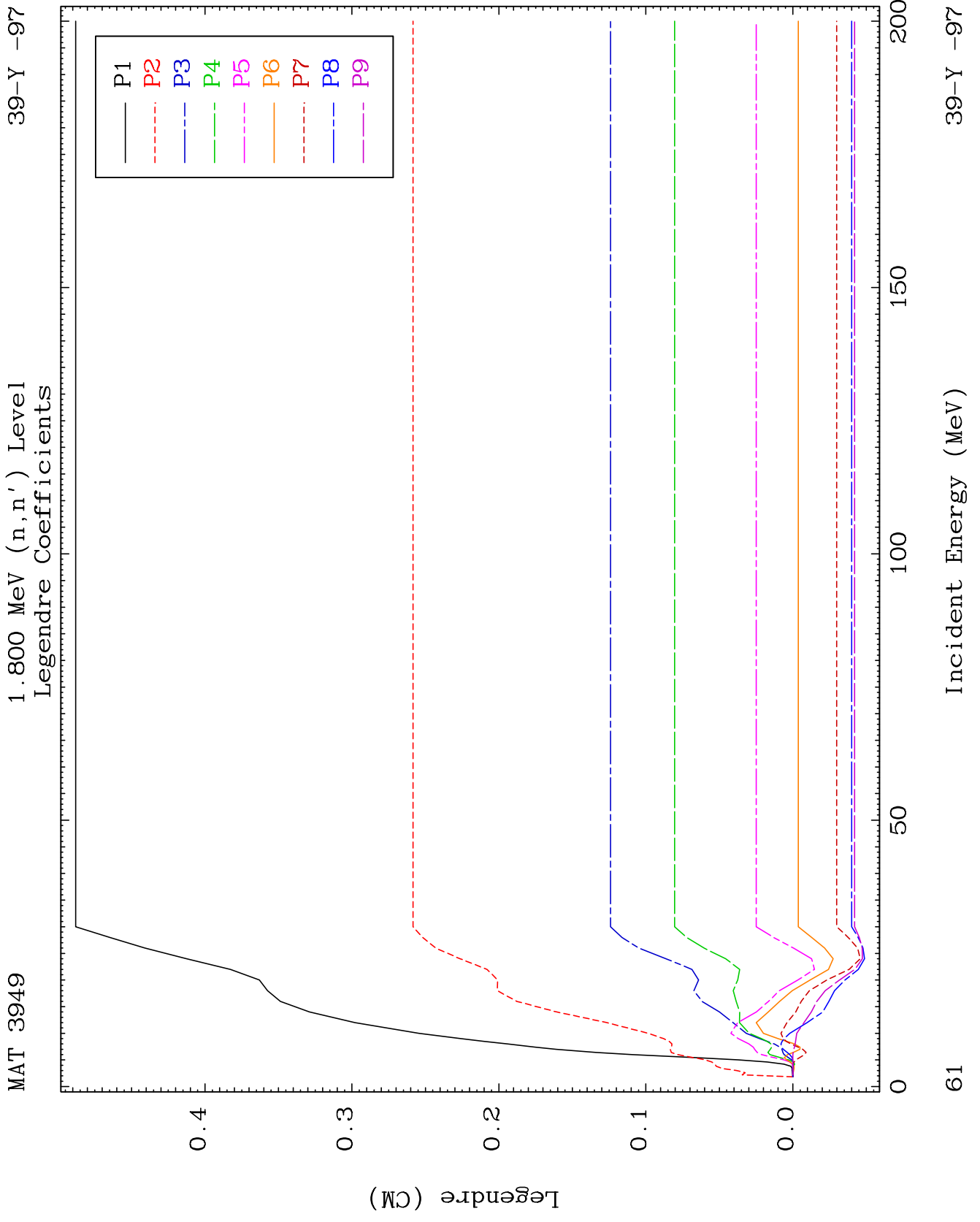
MAT 3949

1.739 MeV (n,n') Level
Legendre Coefficients

39-Y -97



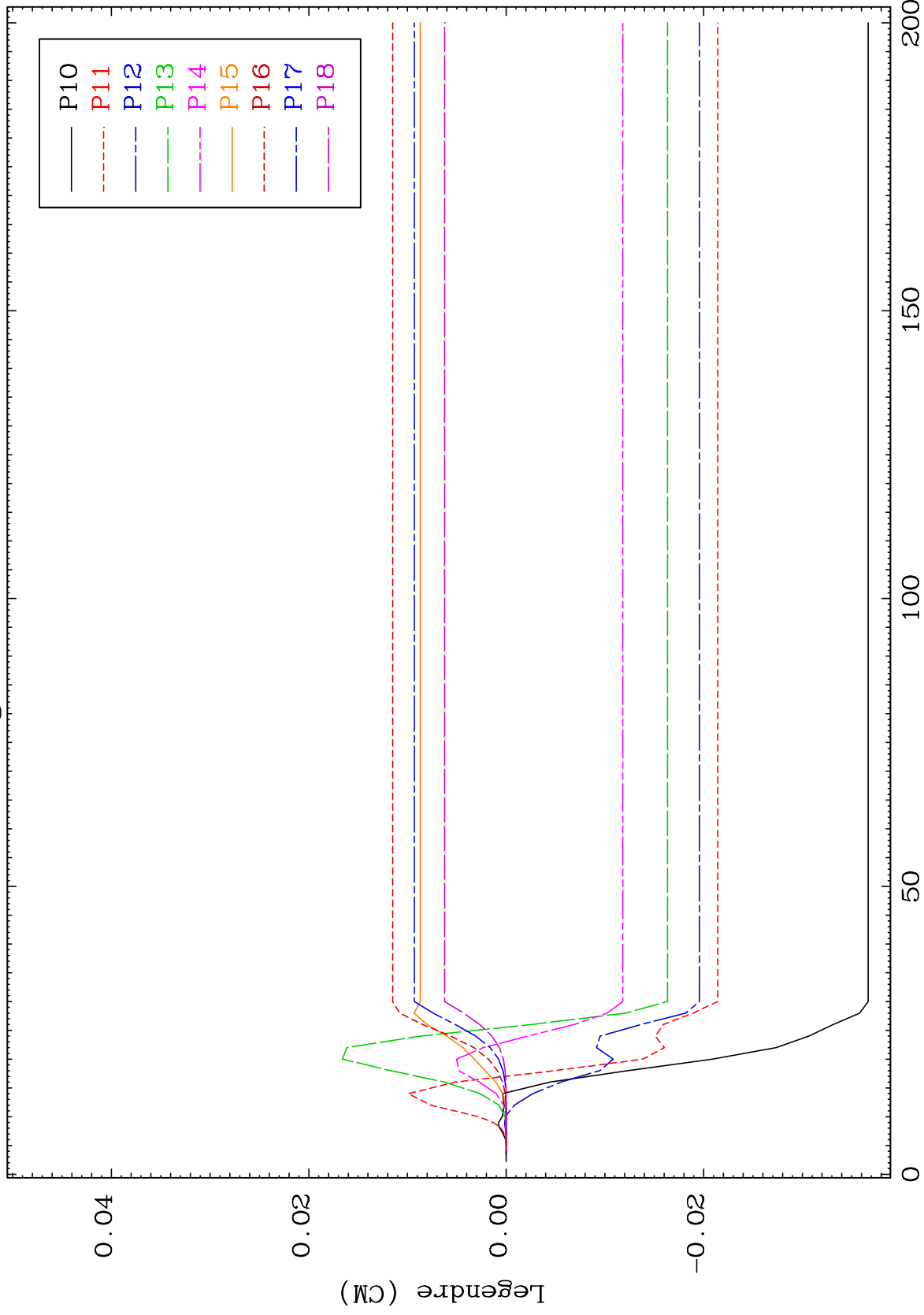
39-Y -97



MAT 3949

1.800 MeV (n,n') Level
Legendre Coefficients

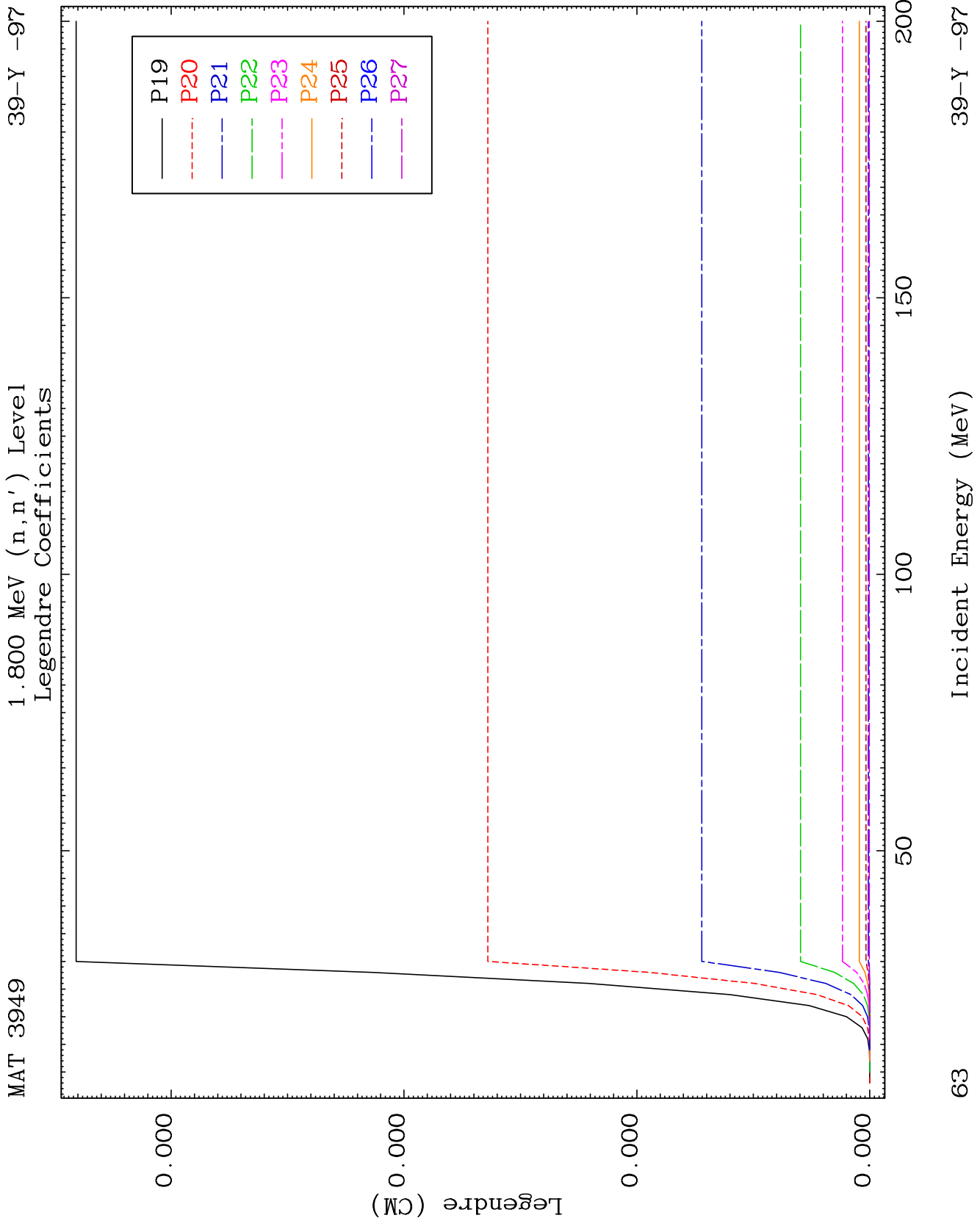
39-Y -97



62

Incident Energy (MeV)

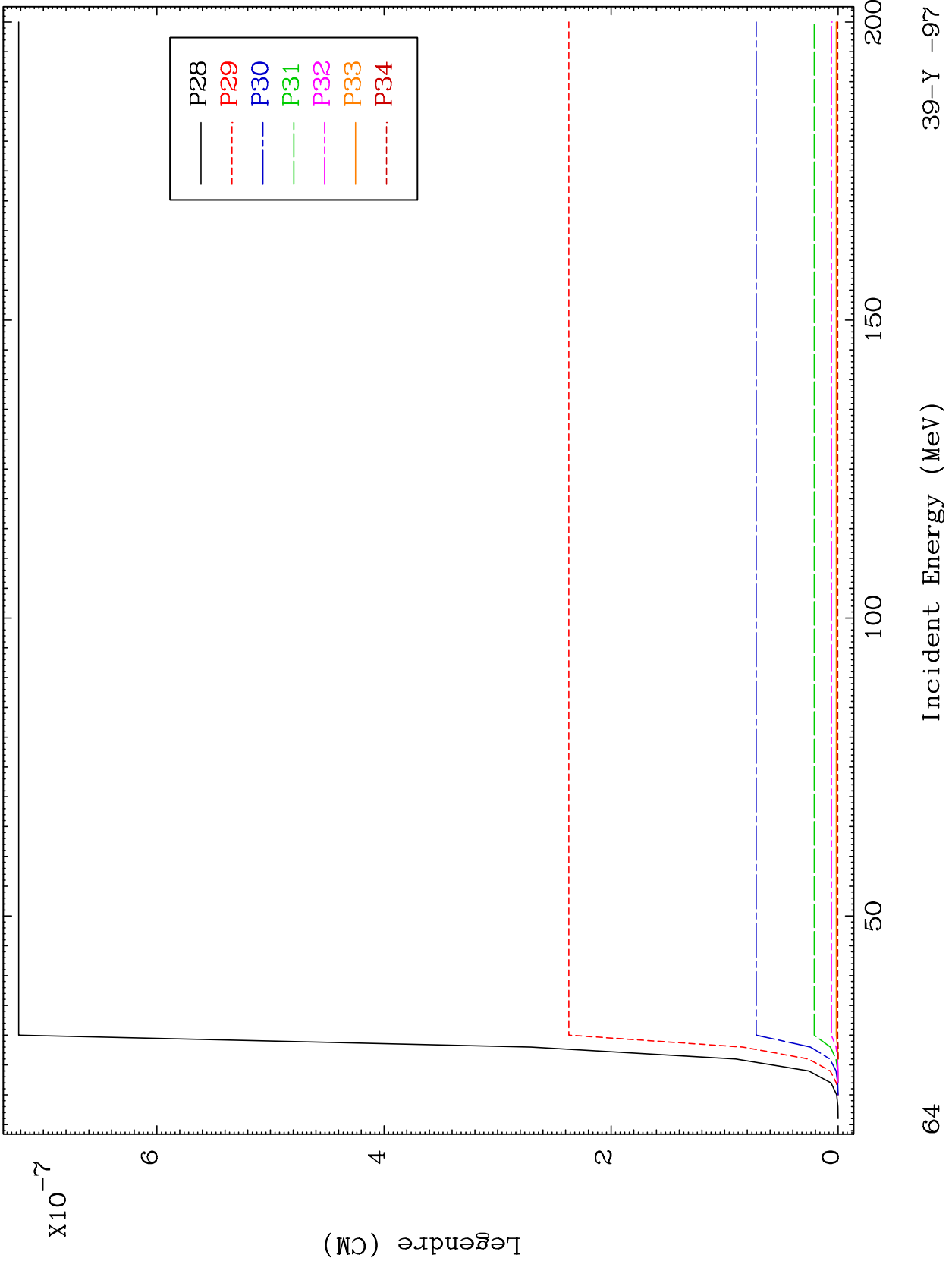
39-Y -97



MAT 3949

1.800 MeV (n,n') Level
Legendre Coefficients

39-Y -97



64

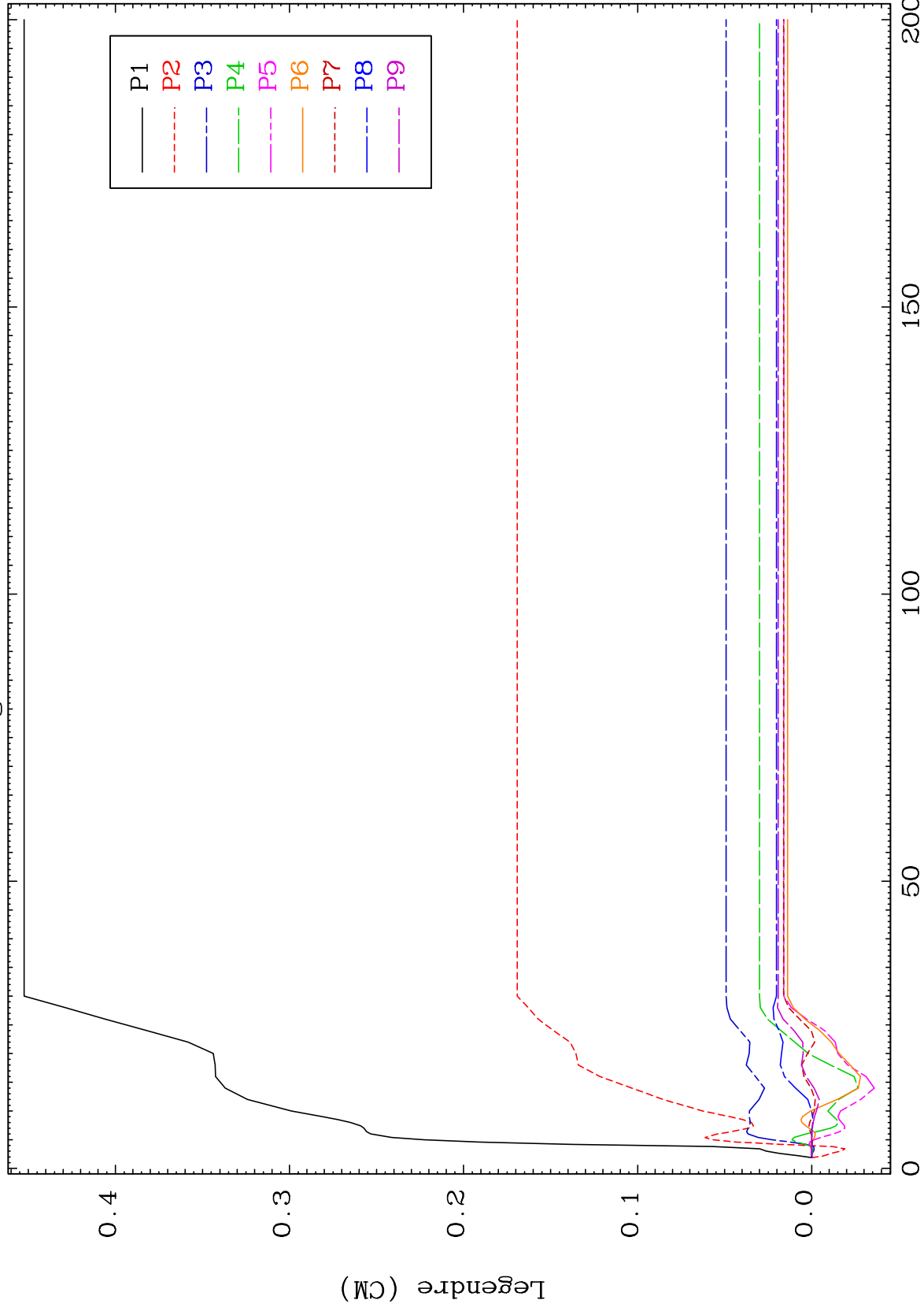
Incident Energy (MeV)

39-Y -97

MAT 3949

1.848 MeV (n,n') Level
Legendre Coefficients

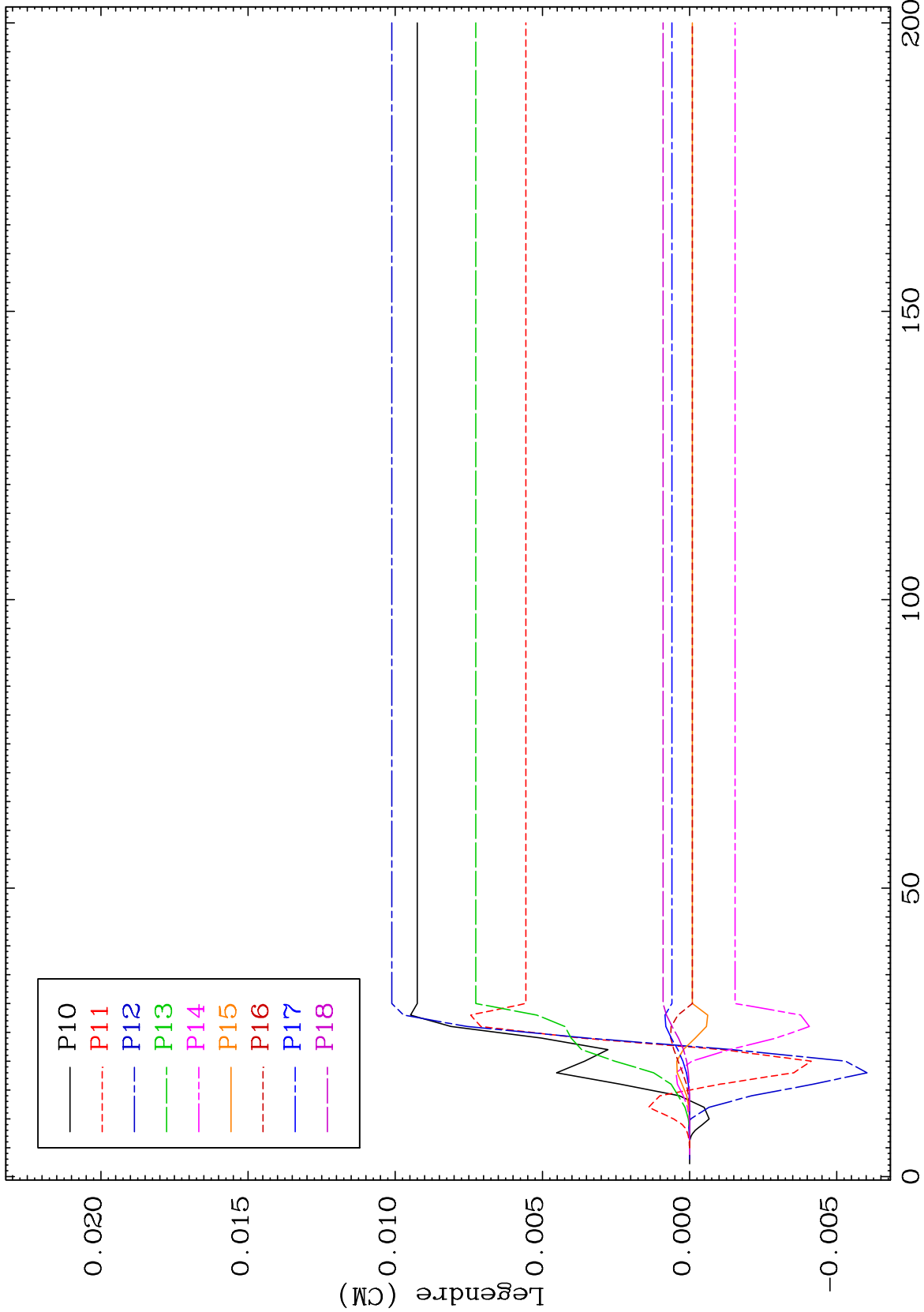
39-Y -97

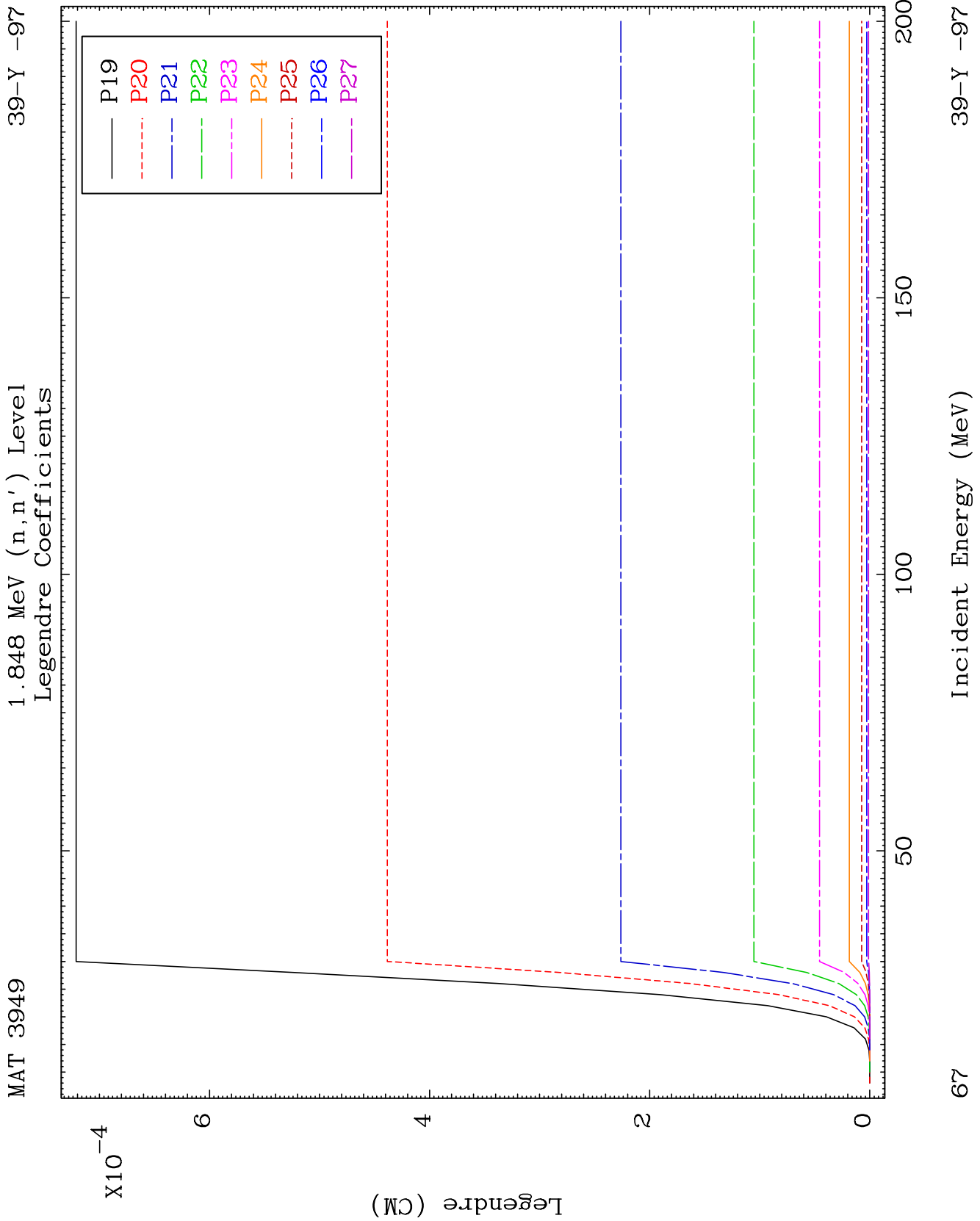


Incident Energy (MeV)

39-Y -97

65

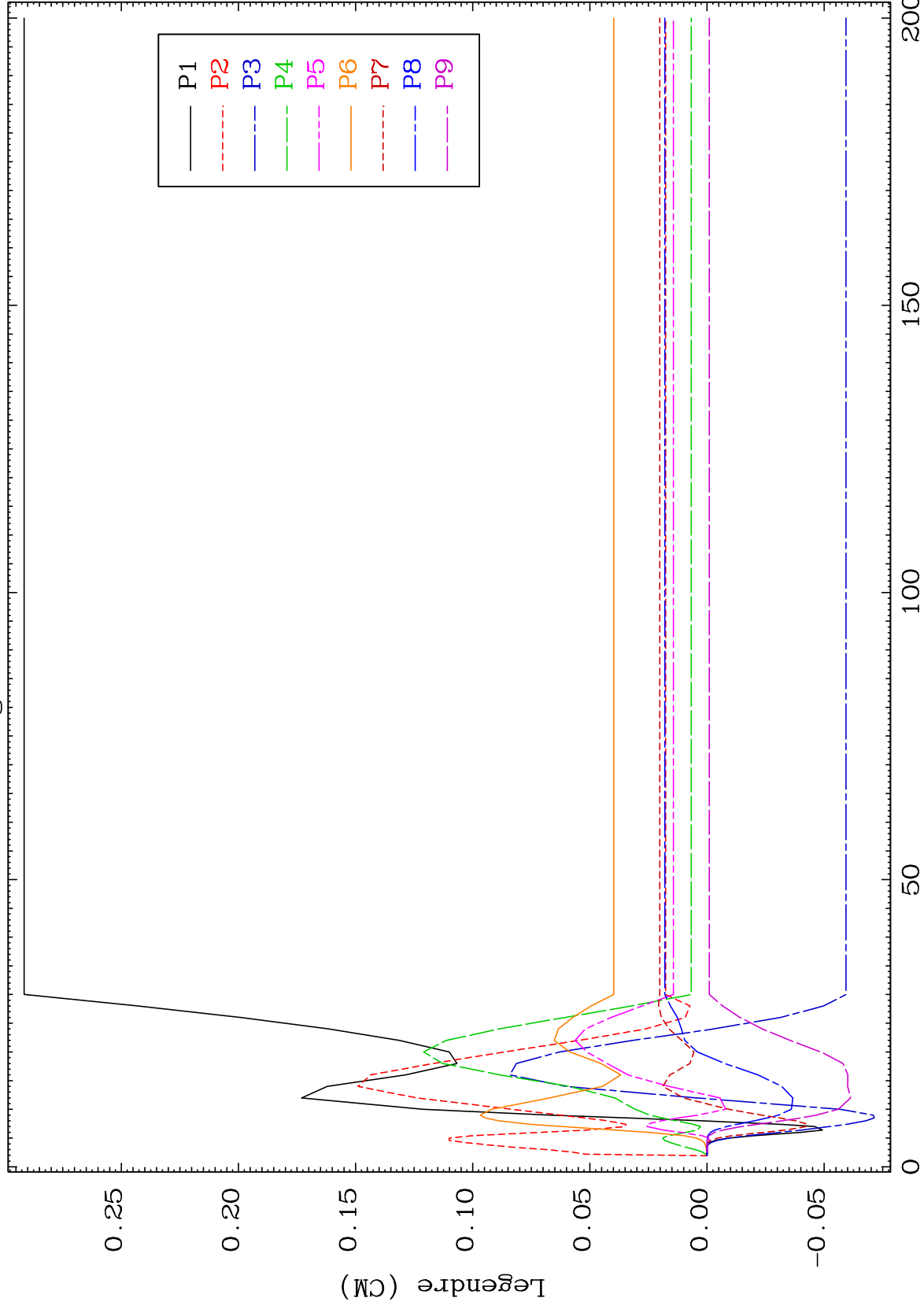




MAT 3949

1.905 MeV (n,n') Level
Legendre Coefficients

39-Y -97



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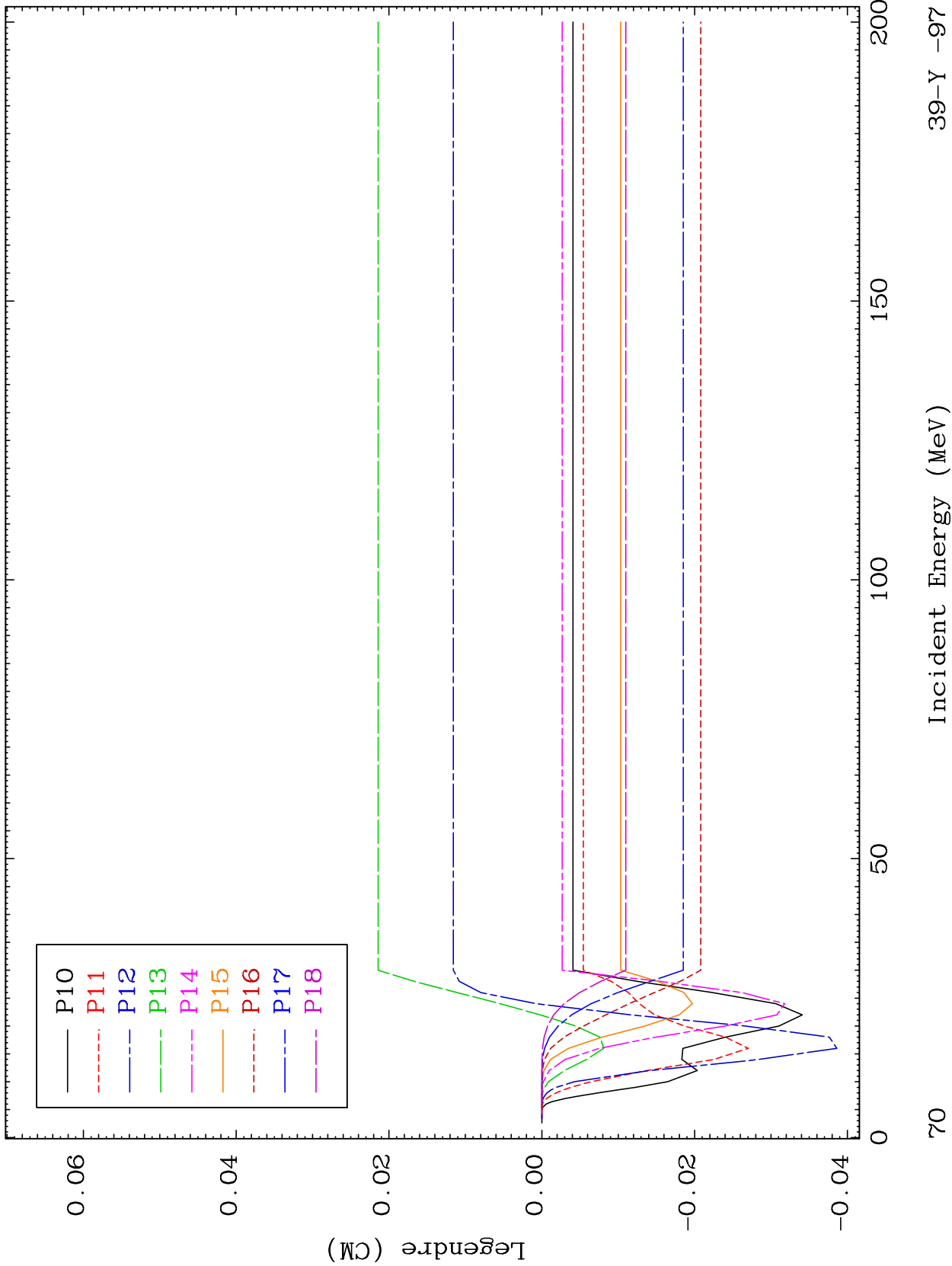
Incident Energy (MeV)

39-Y -97

MAT 3949

1.905 MeV (n,n') Level
Legendre Coefficients

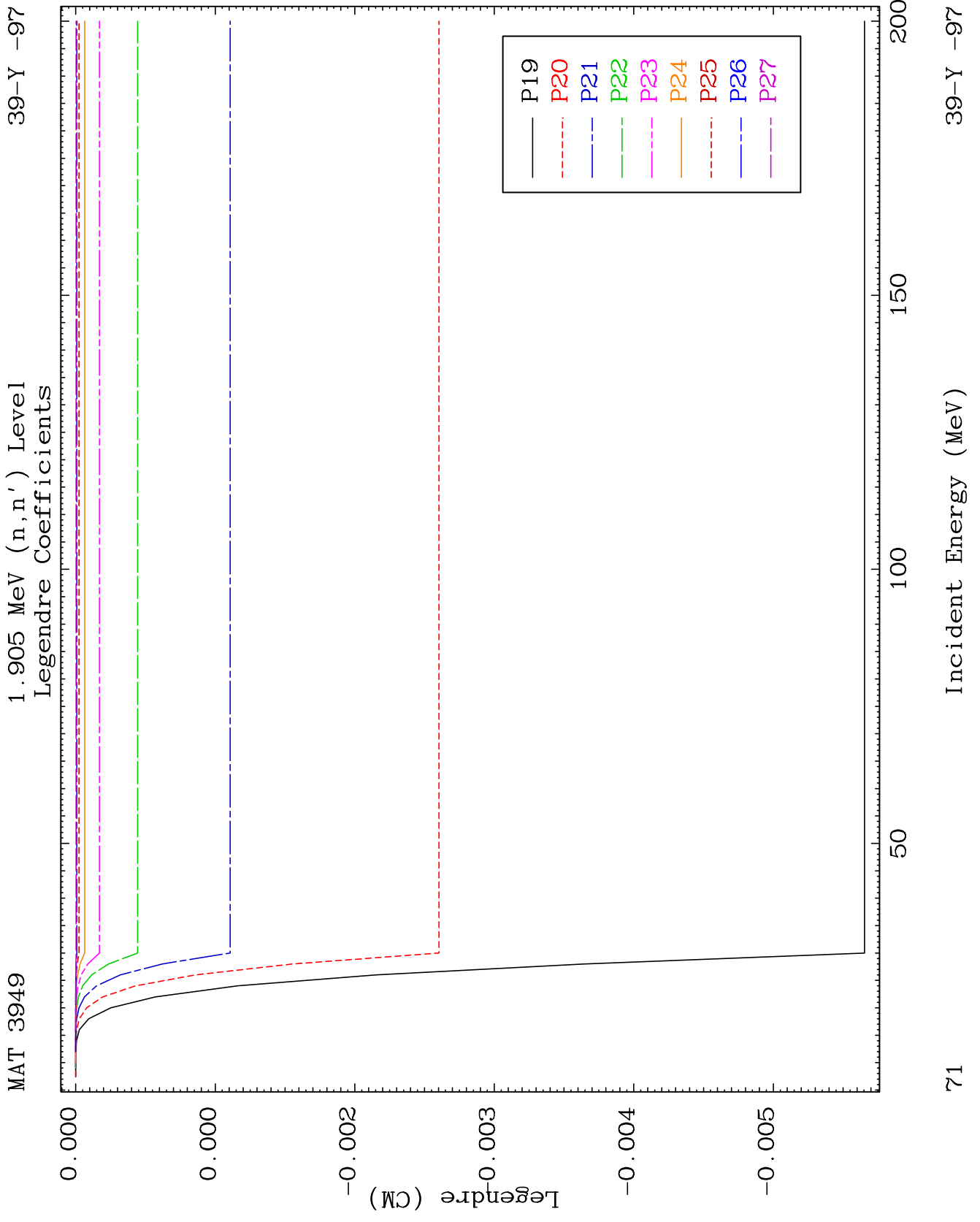
39-Y -97

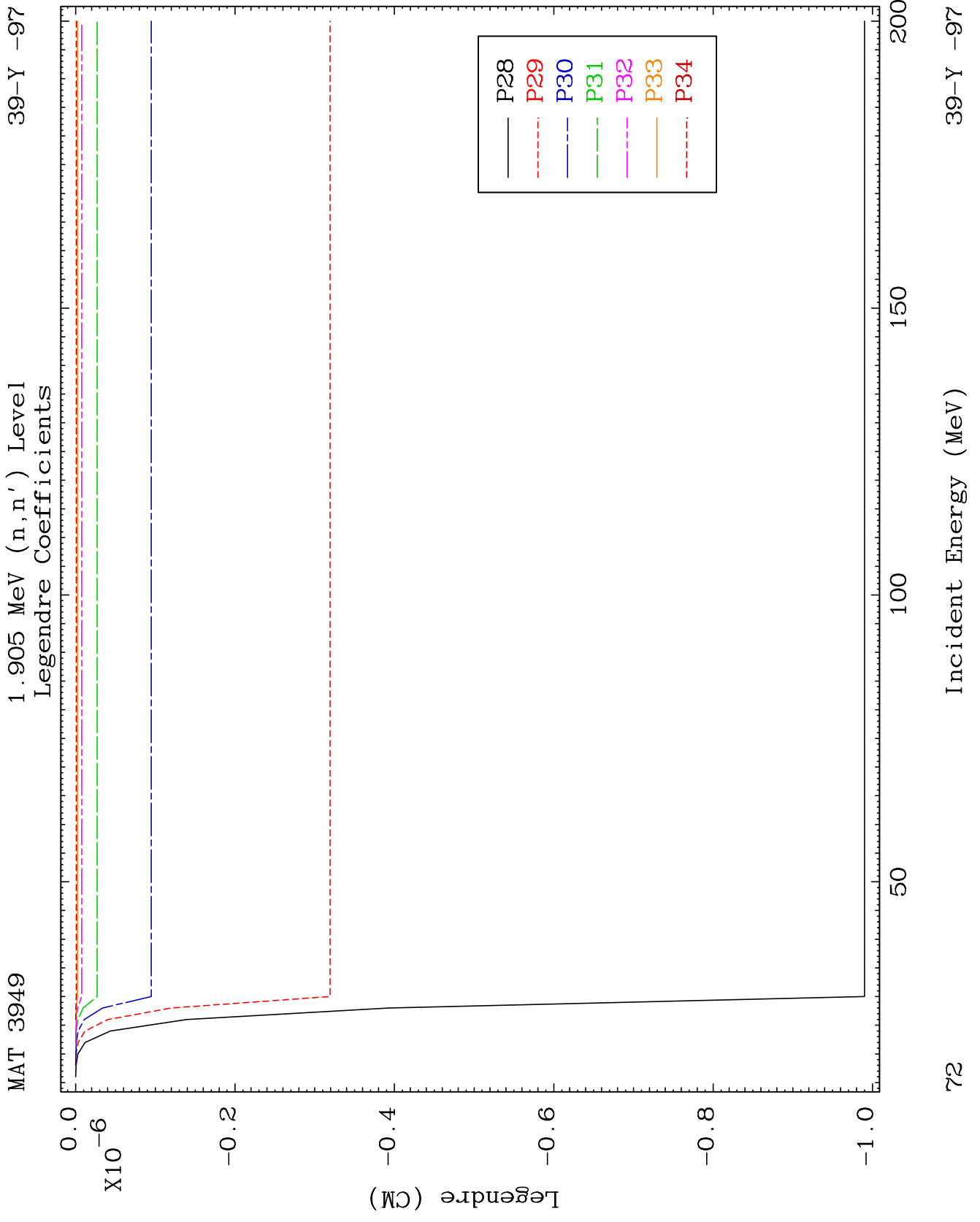


39-Y -97

Incident Energy (MeV)

70

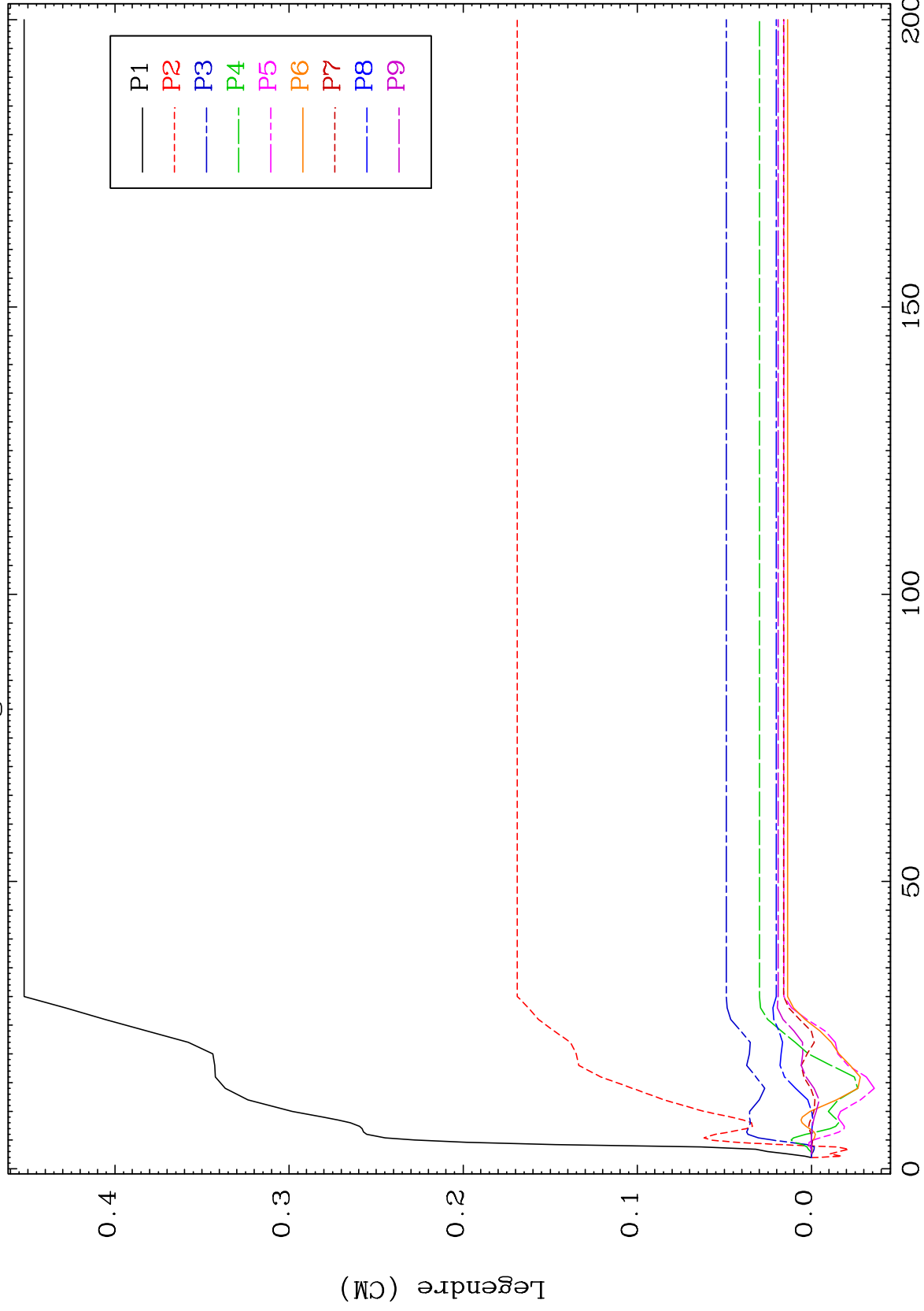




MAT 3949

1.914 MeV (n,n') Level Legendre Coefficients

39-Y -97



73

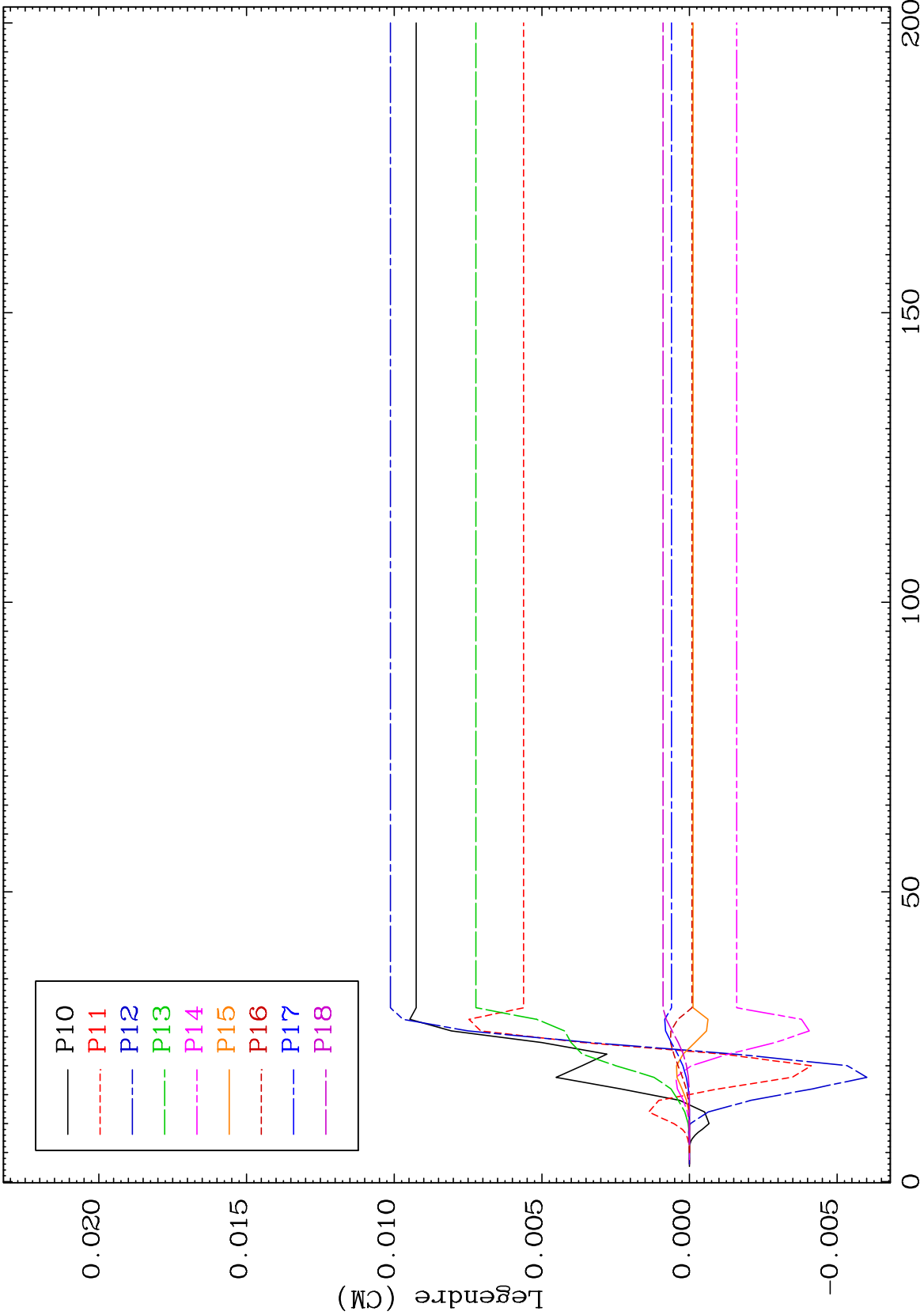
Incident Energy (MeV)

39-Y -97

MAT 3949

1.914 MeV (n,n') Level
Legendre Coefficients

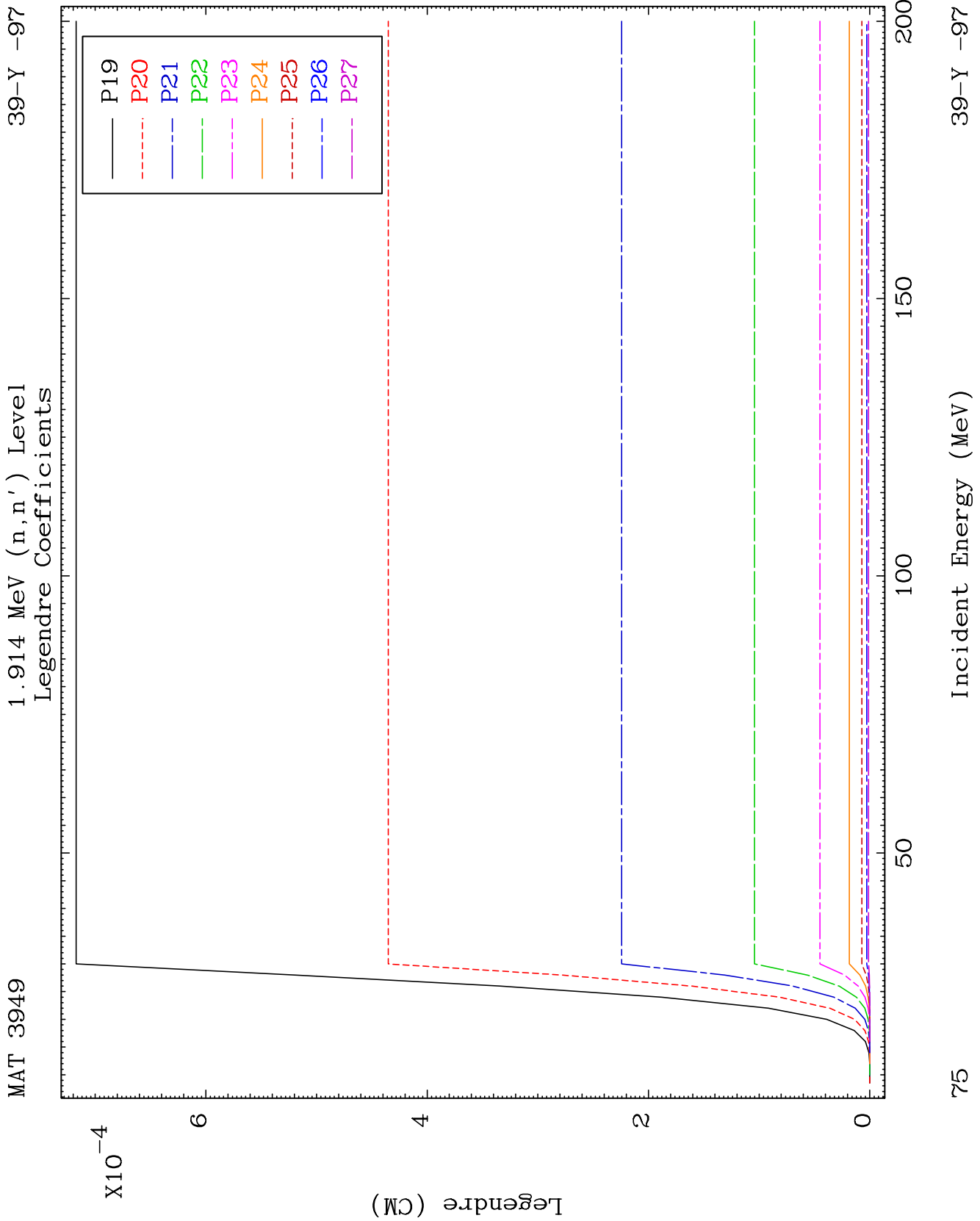
39-Y -97



74

Incident Energy (MeV)

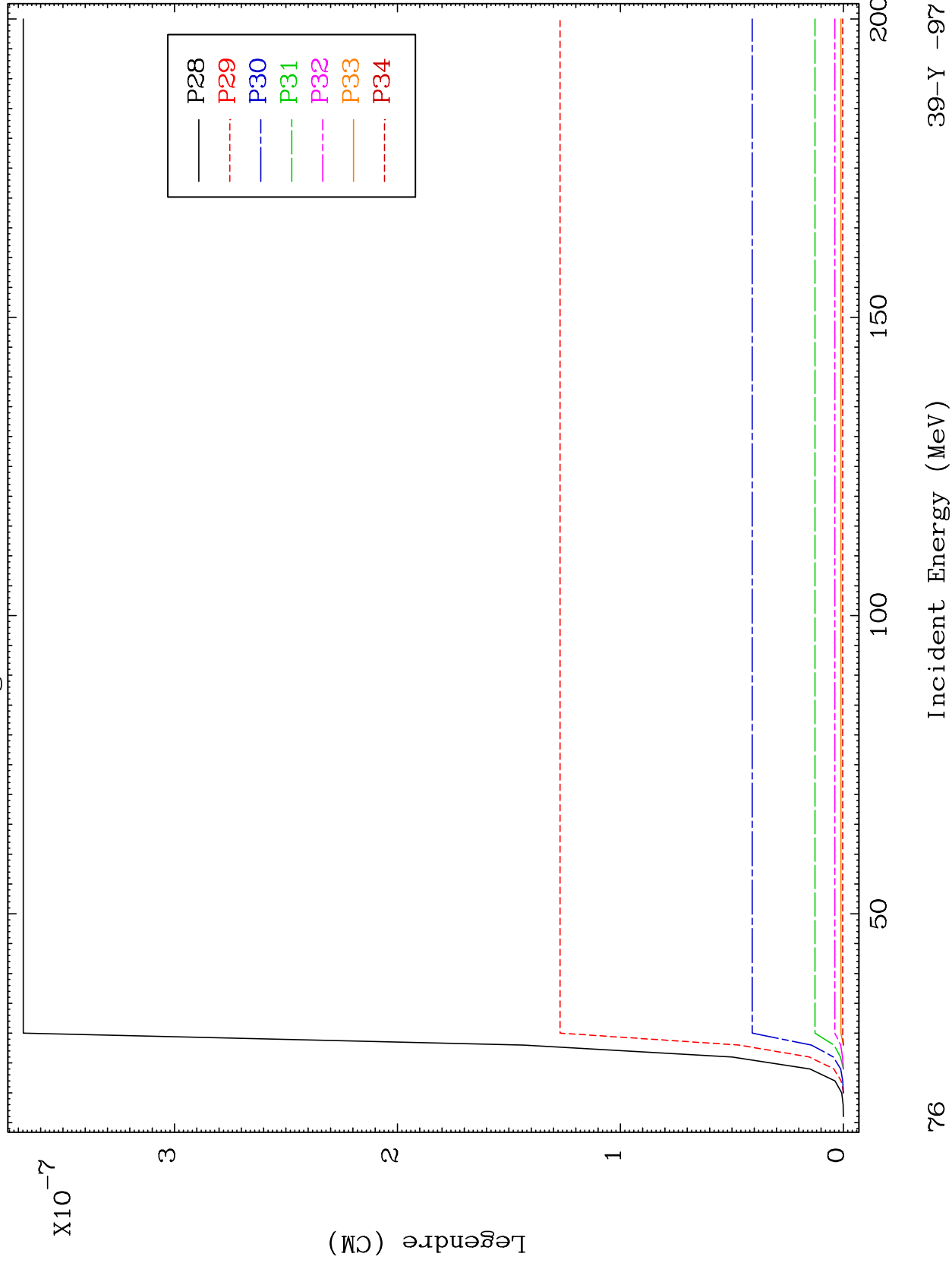
39-Y -97



MAT 3949

1.914 MeV (n,n') Level
Legendre Coefficients

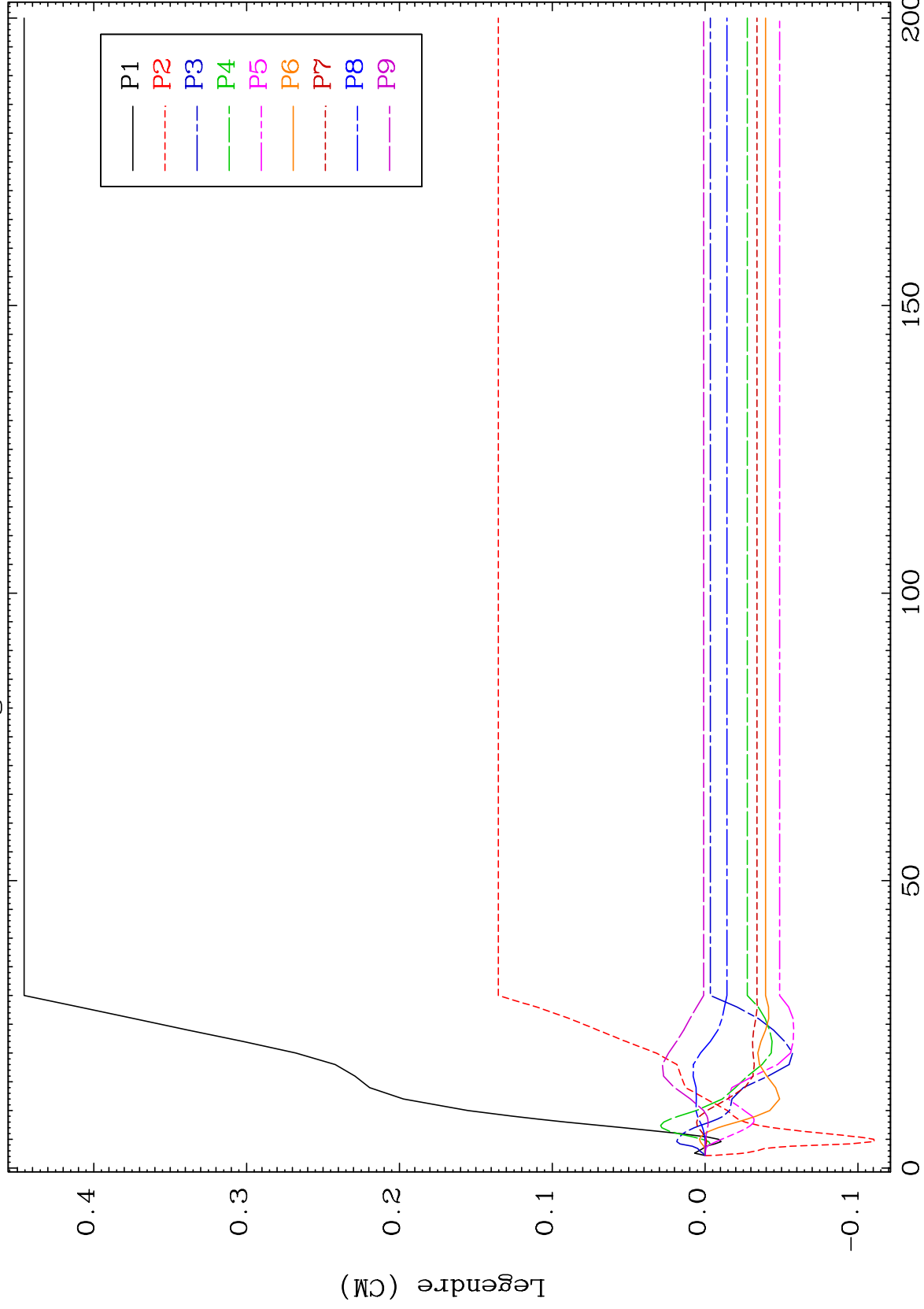
39-Y -97



MAT 3949

2.116 MeV (n,n') Level Legendre Coefficients

39-Y -97



77

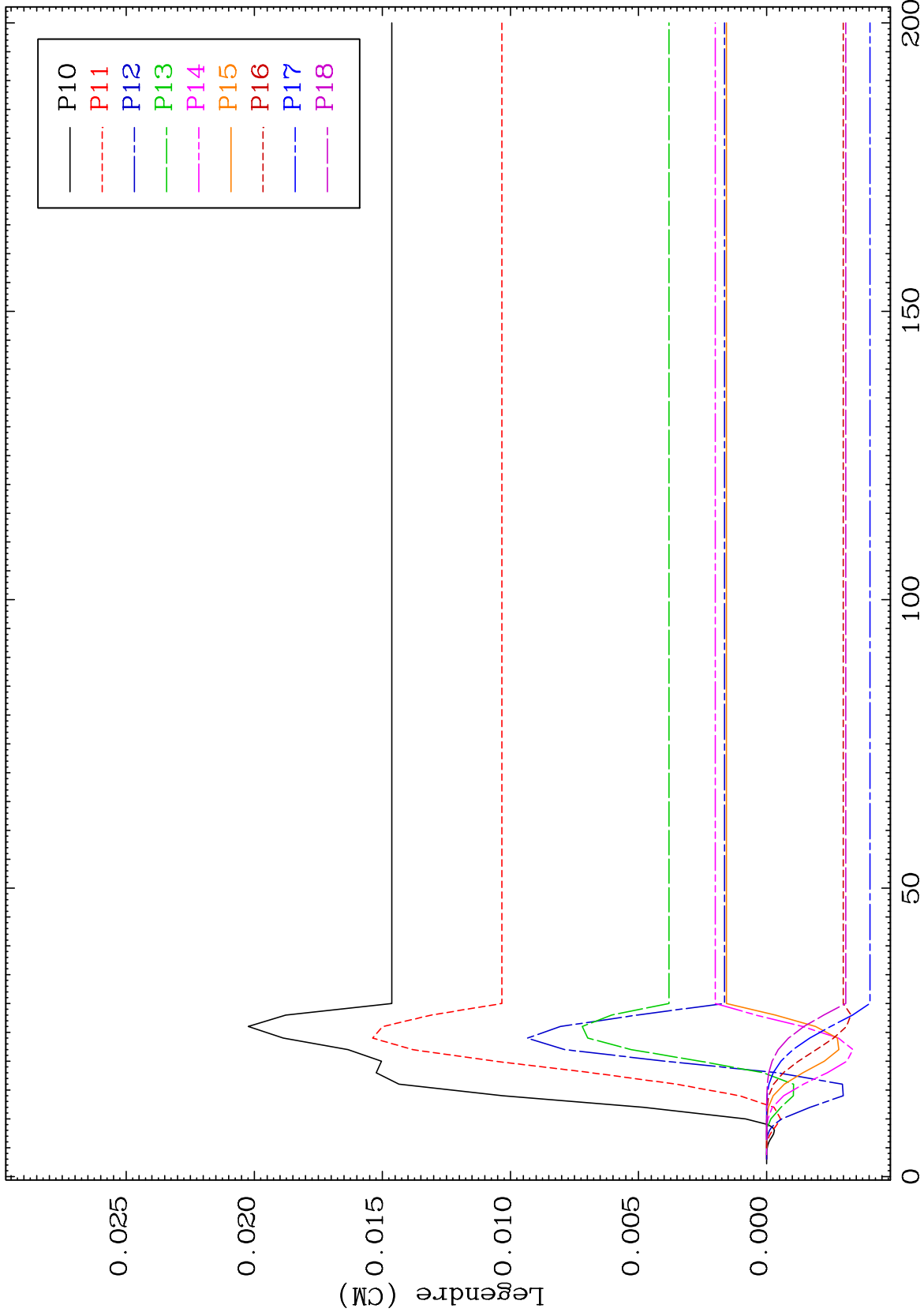
Incident Energy (MeV)

39-Y -97

MAT 3949

2.116 MeV (n,n') Level
Legendre Coefficients

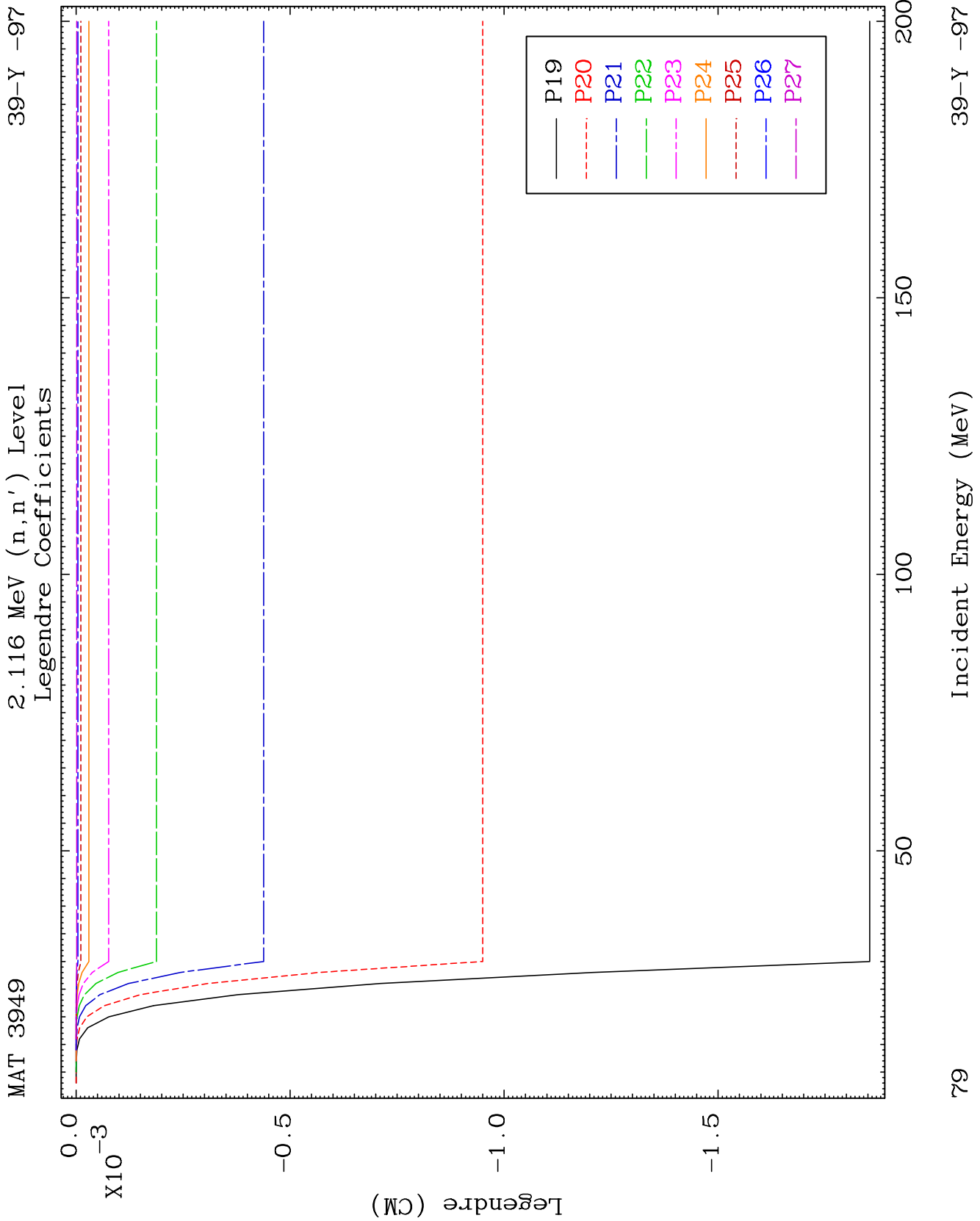
39-Y -97

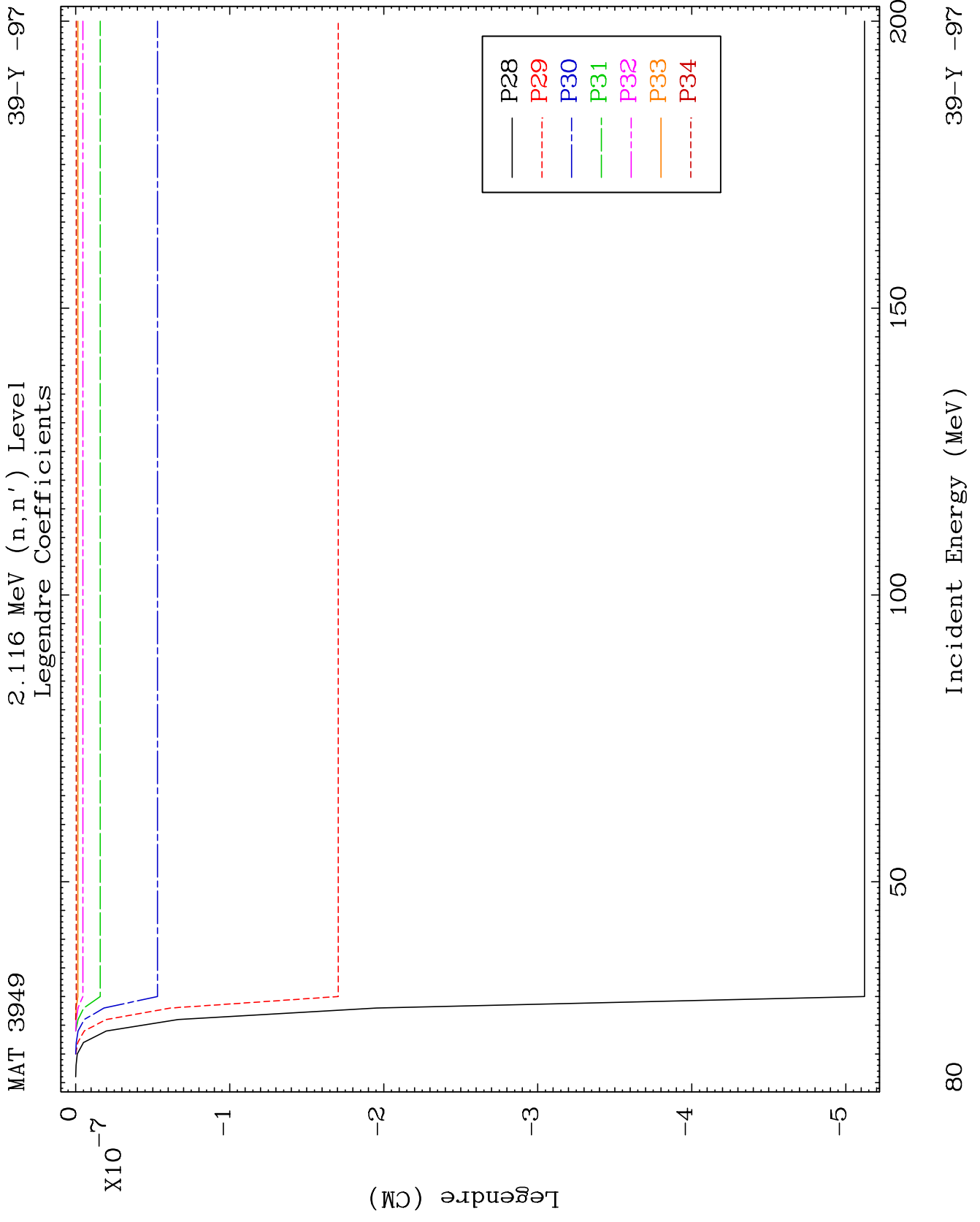


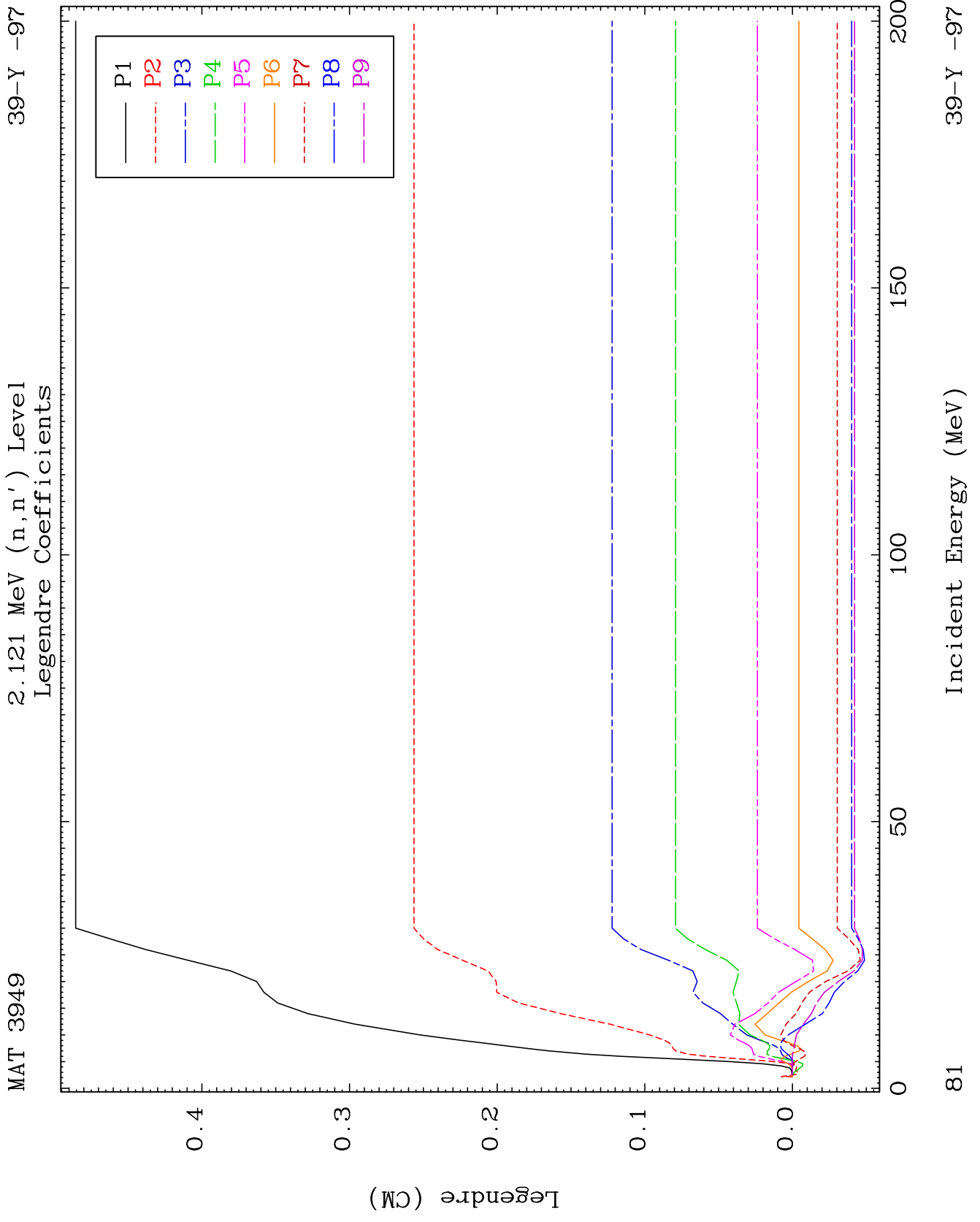
78

Incident Energy (MeV)

39-Y -97



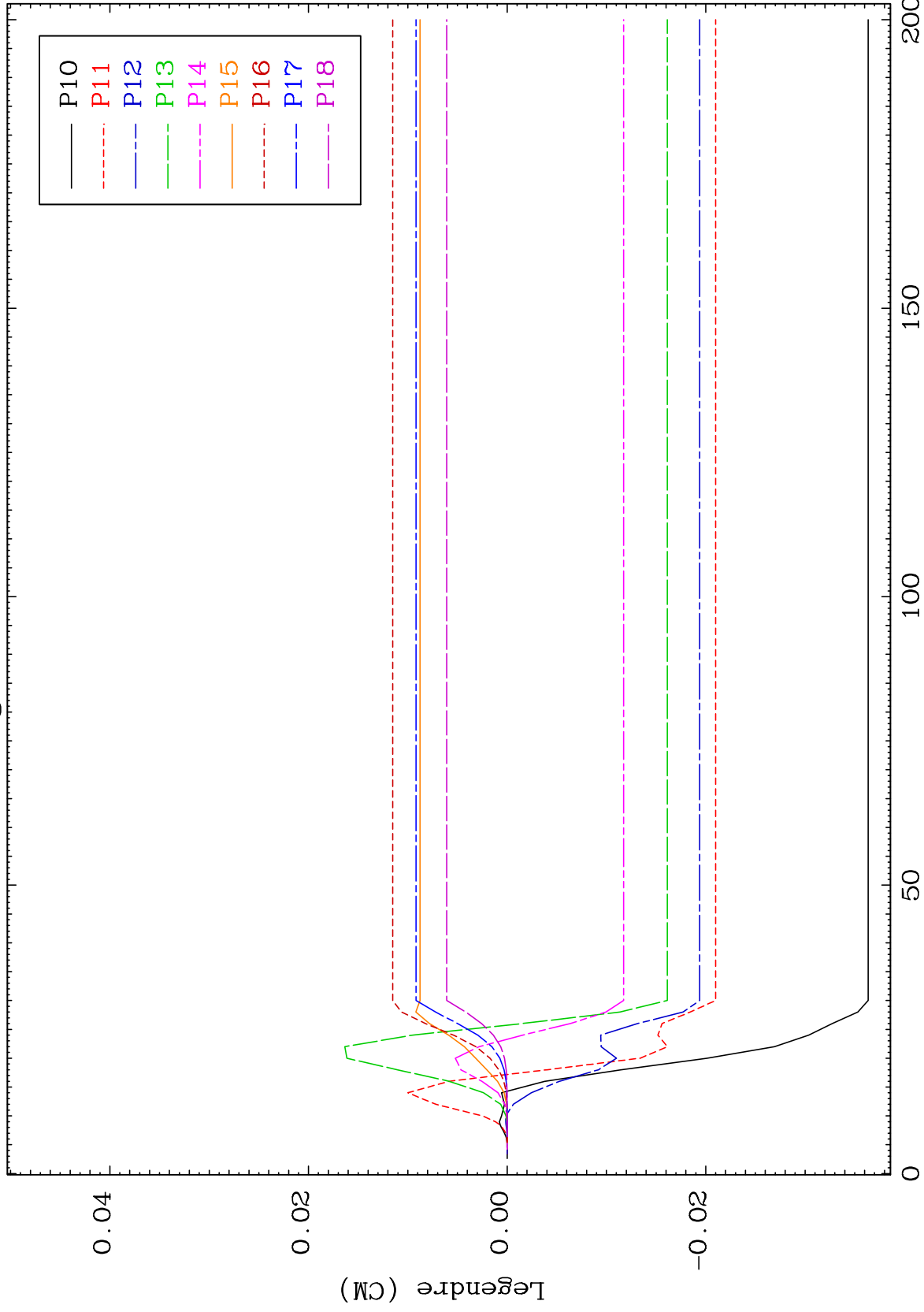




MAT 3949

2.121 MeV (n,n') Level
Legendre Coefficients

39-Y -97



82

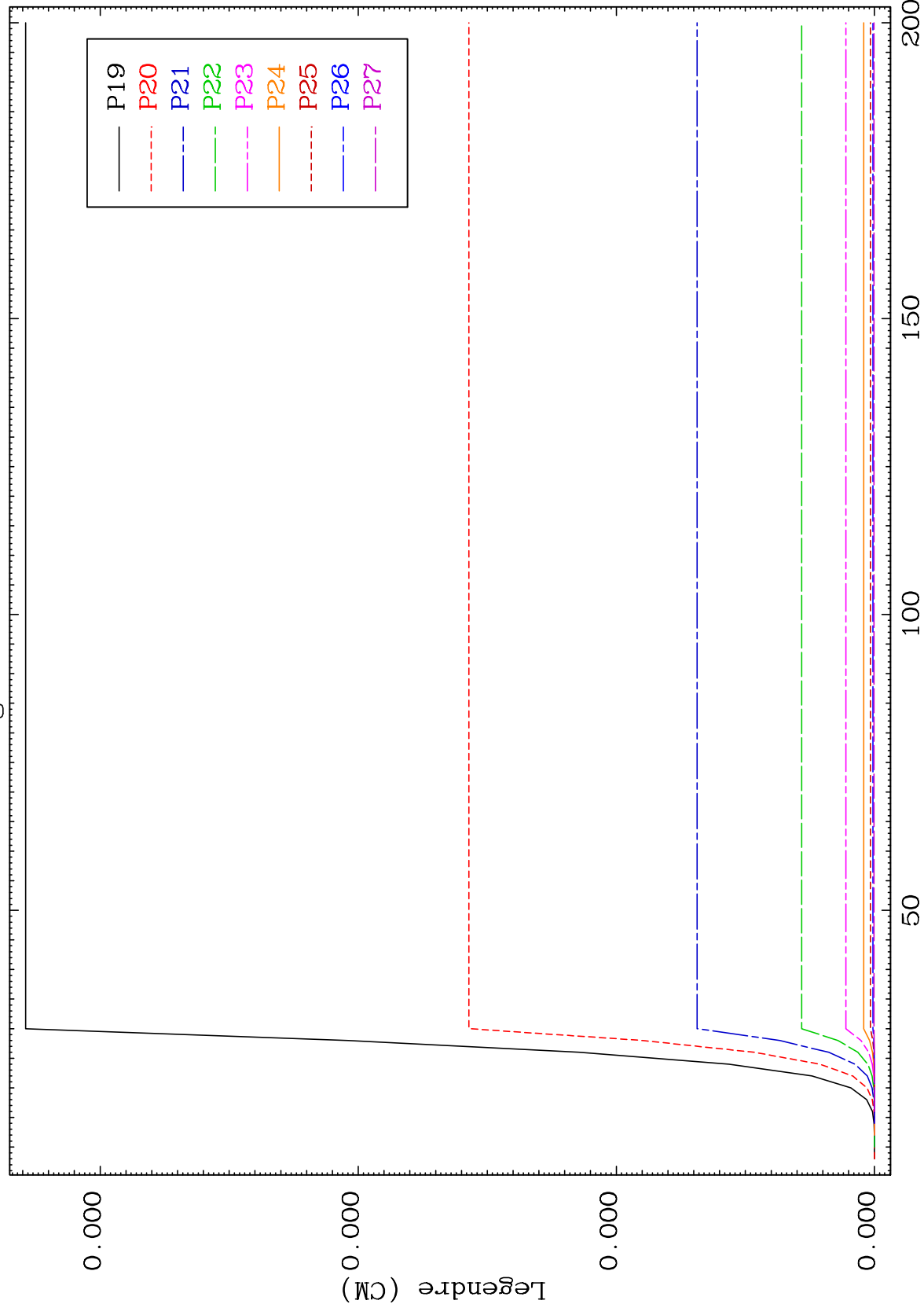
Incident Energy (MeV)

39-Y -97

MAT 3949

2.121 MeV (n,n') Level
Legendre Coefficients

39-Y -97



83

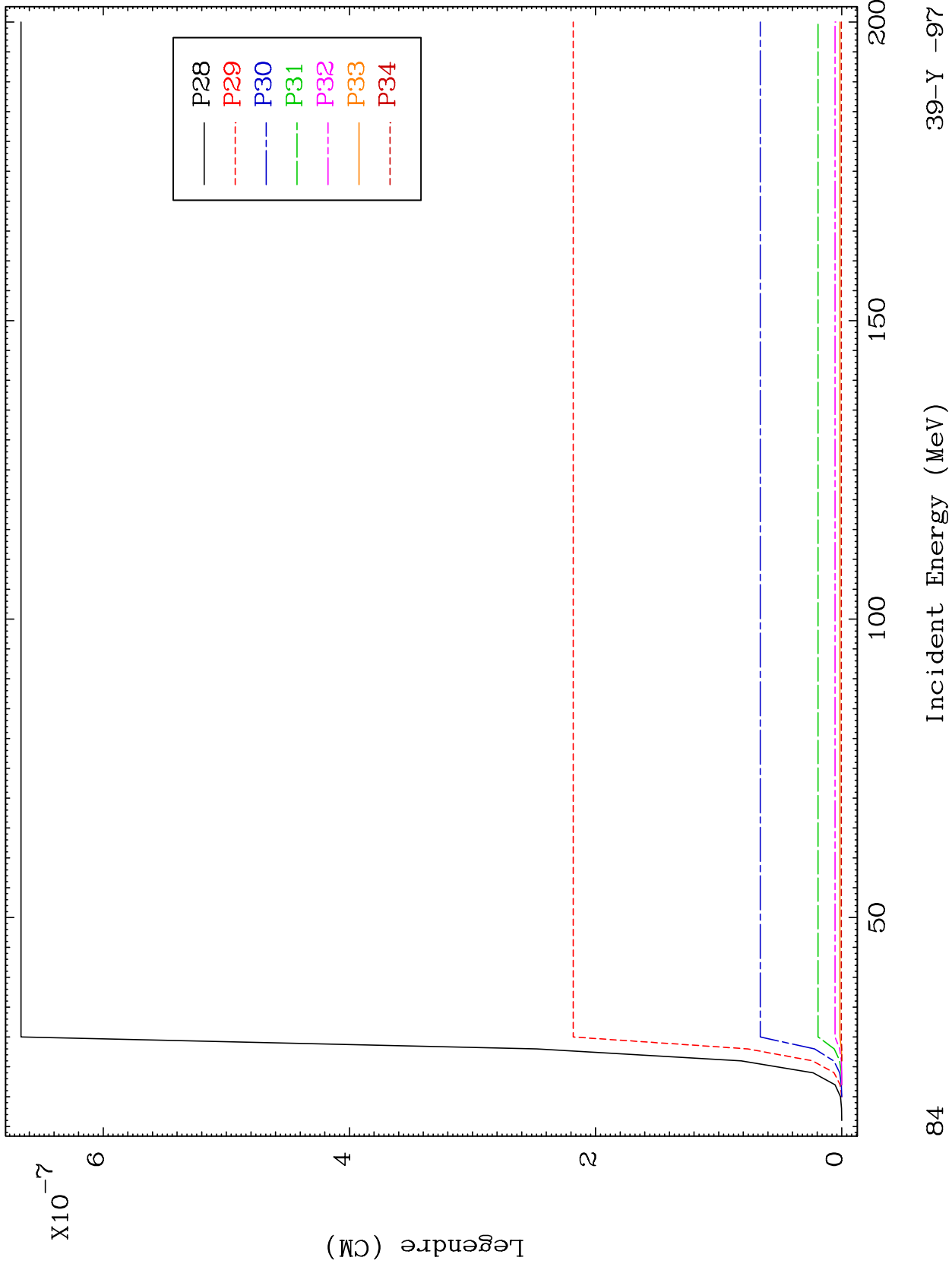
Incident Energy (MeV)

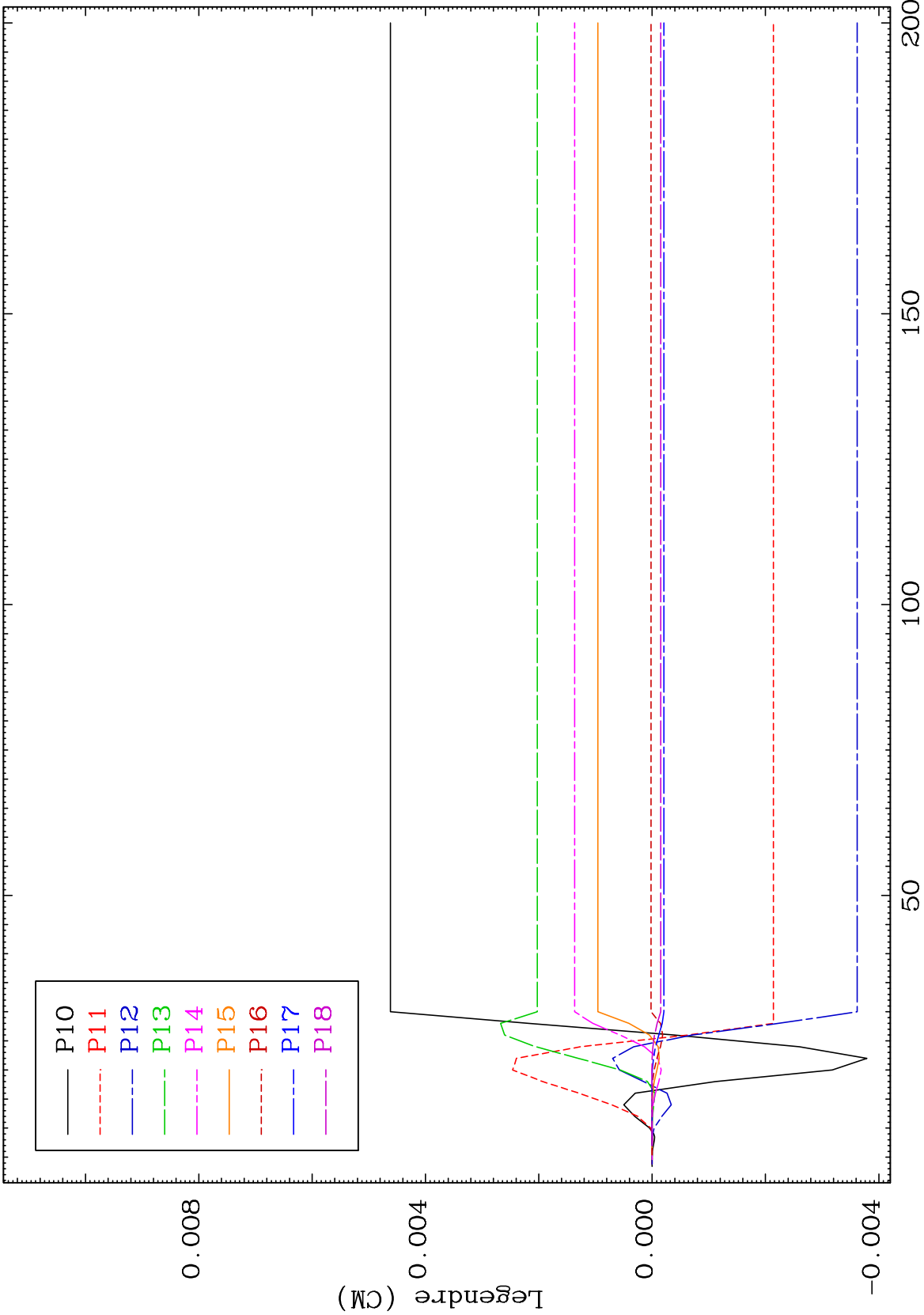
39-Y -97

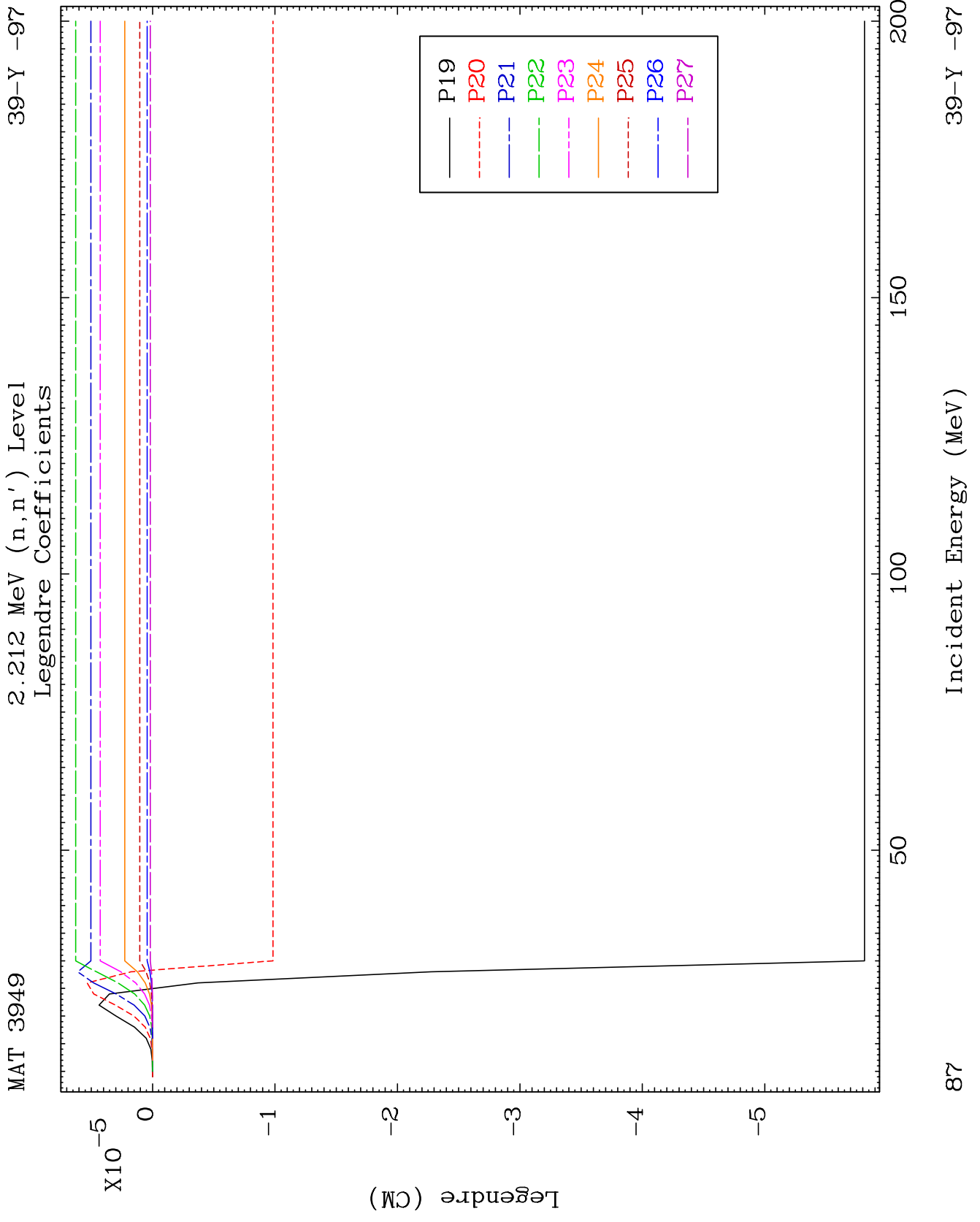
MAT 3949

2.121 MeV (n,n') Level
Legendre Coefficients

39-Y -97



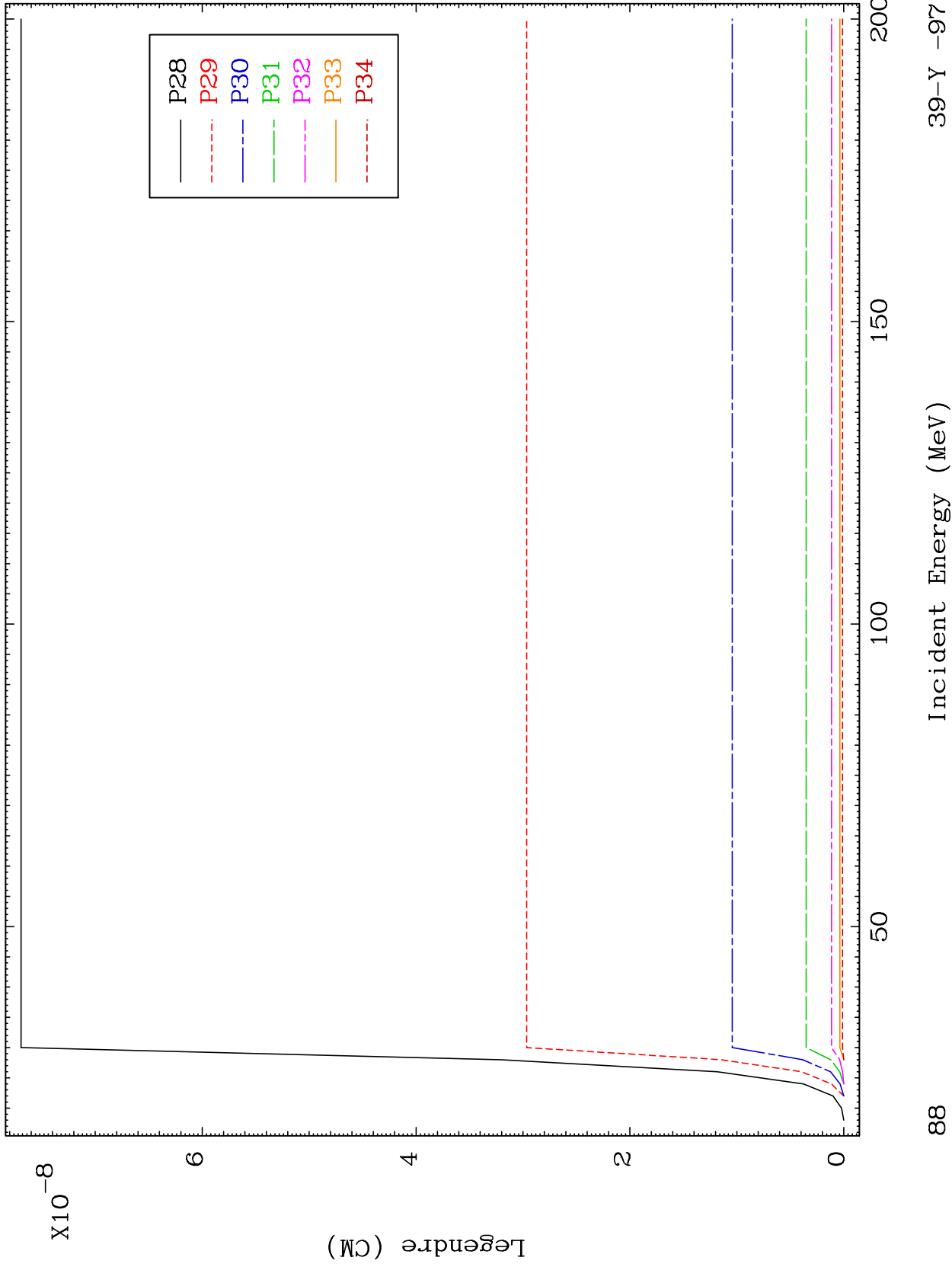




MAT 3949

2.212 MeV (n,n') Level
Legendre Coefficients

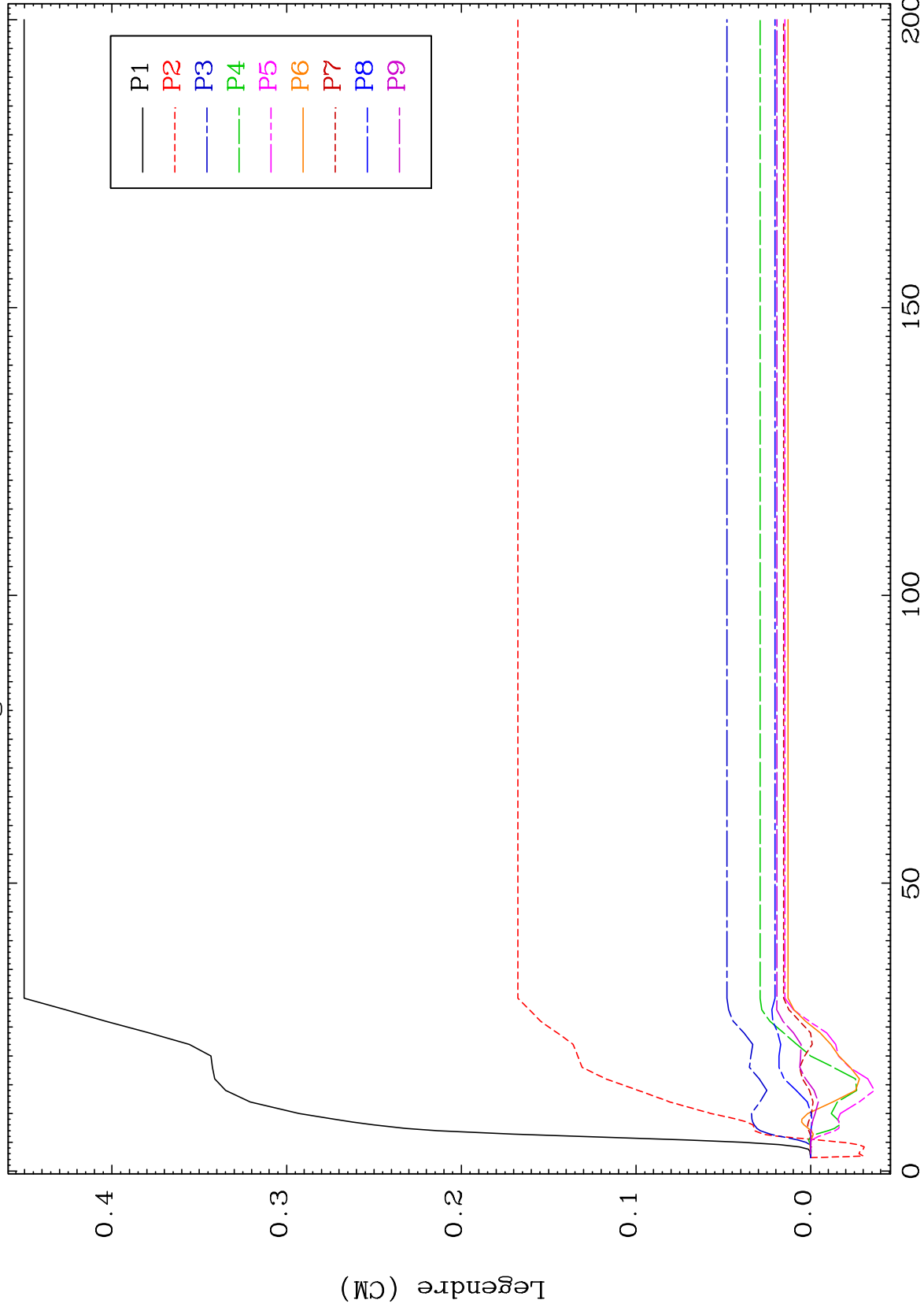
39-Y -97



MAT 3949

2.287 MeV (n,n') Level
Legendre Coefficients

39-Y -97



89

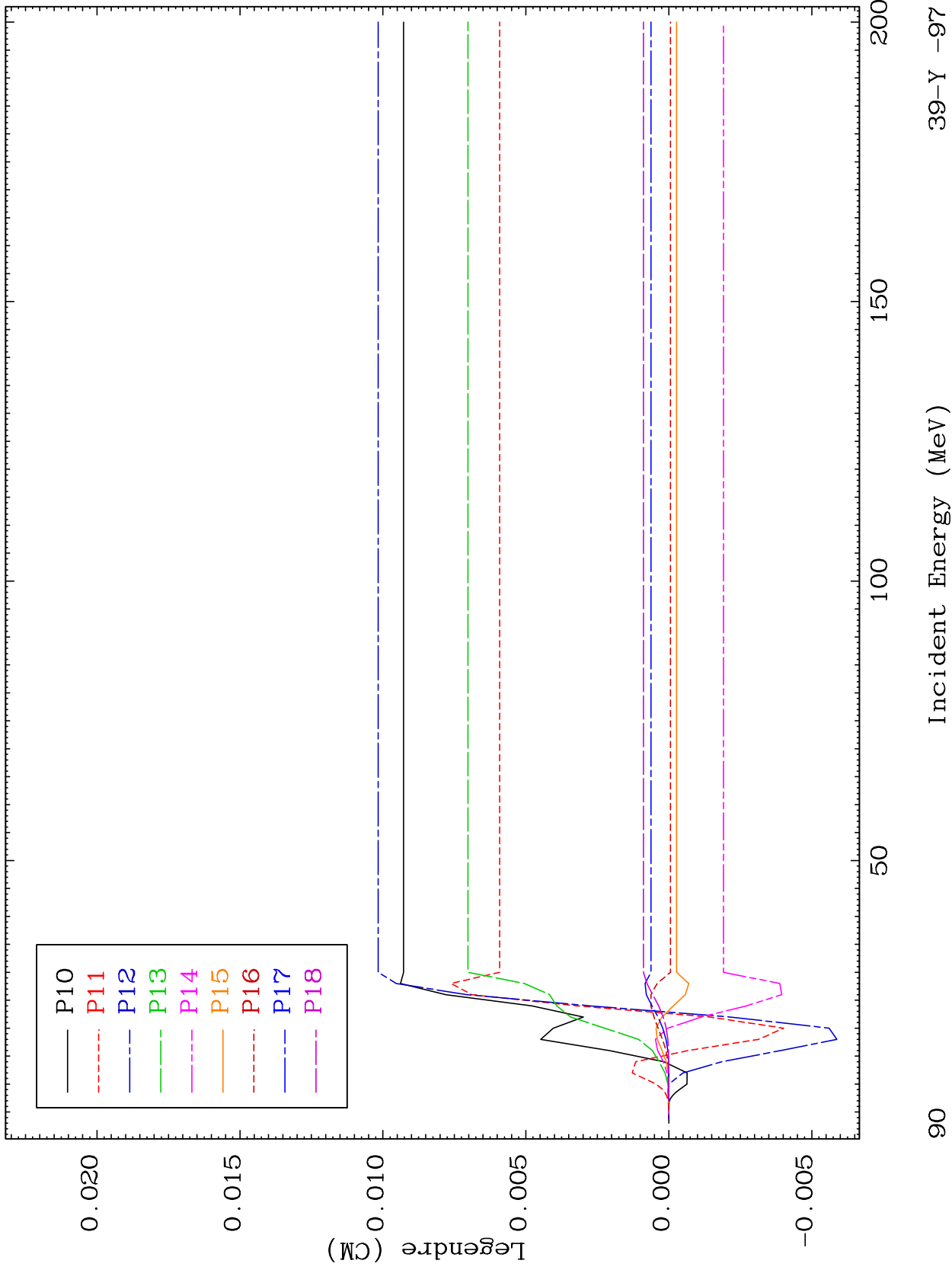
Incident Energy (MeV)

39-Y -97

MAT 3949

2.287 MeV (n,n') Level
Legendre Coefficients

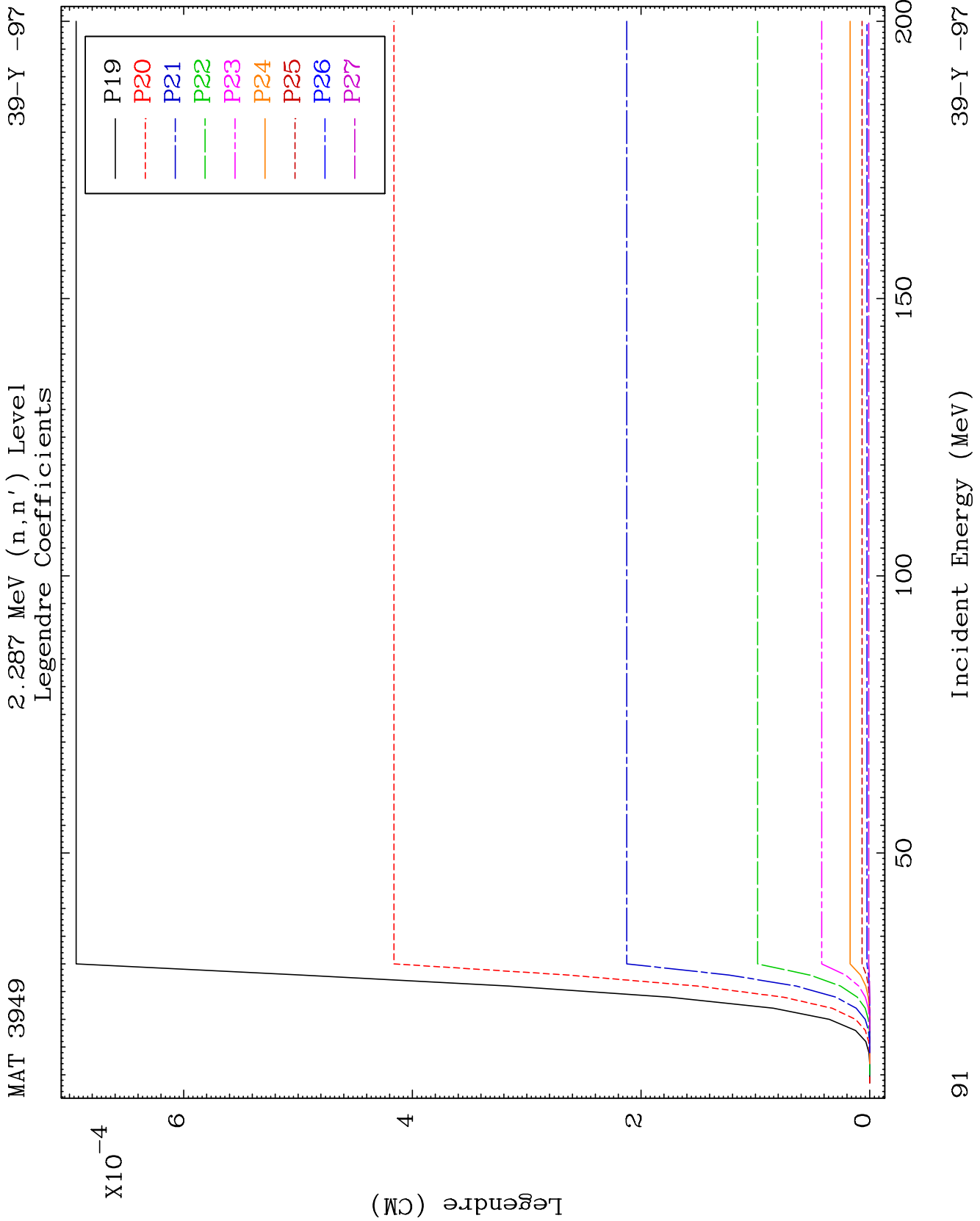
39-Y -97



90

Incident Energy (MeV)

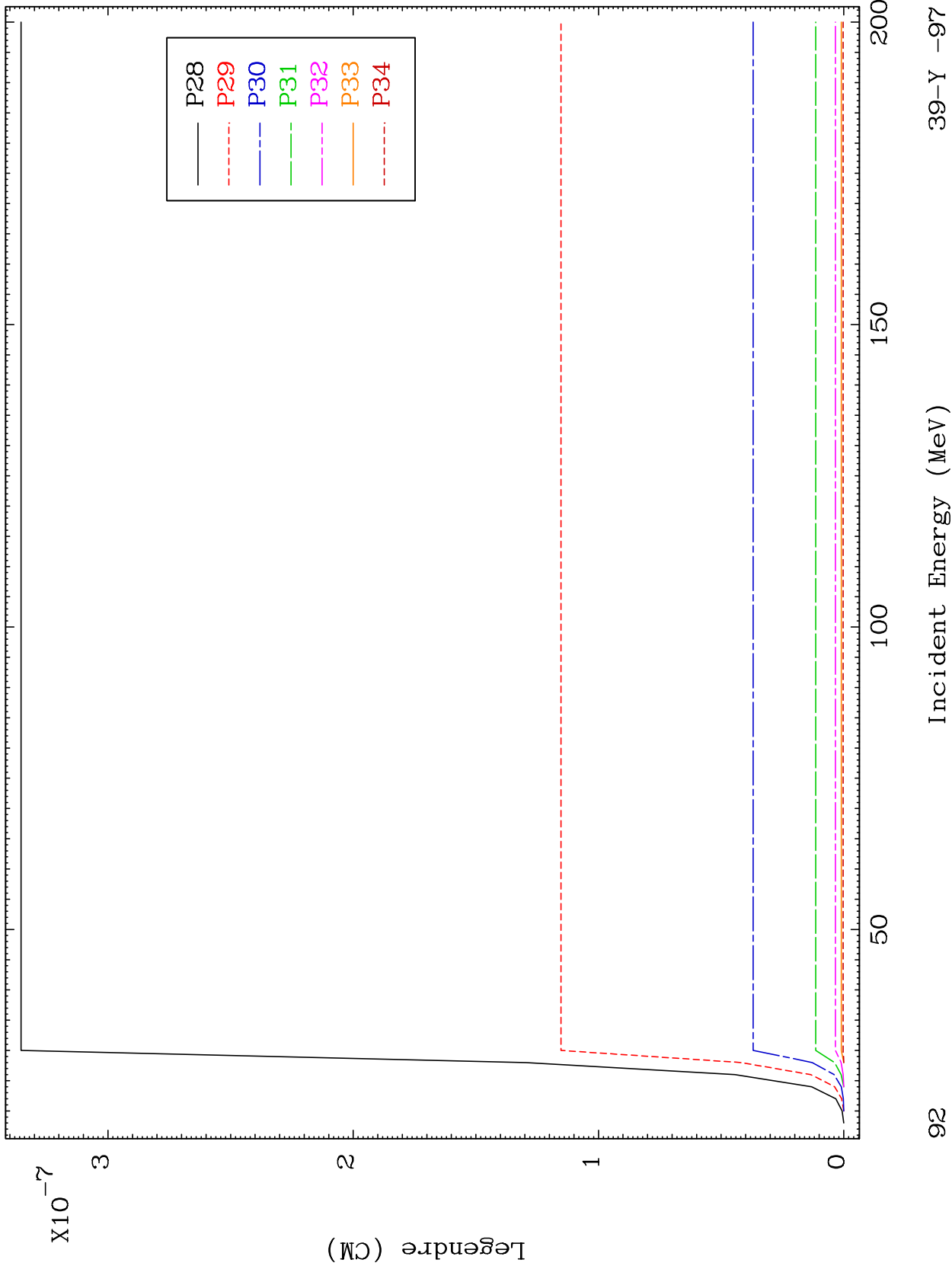
39-Y -97



MAT 3949

2.287 MeV (n,n') Level
Legendre Coefficients

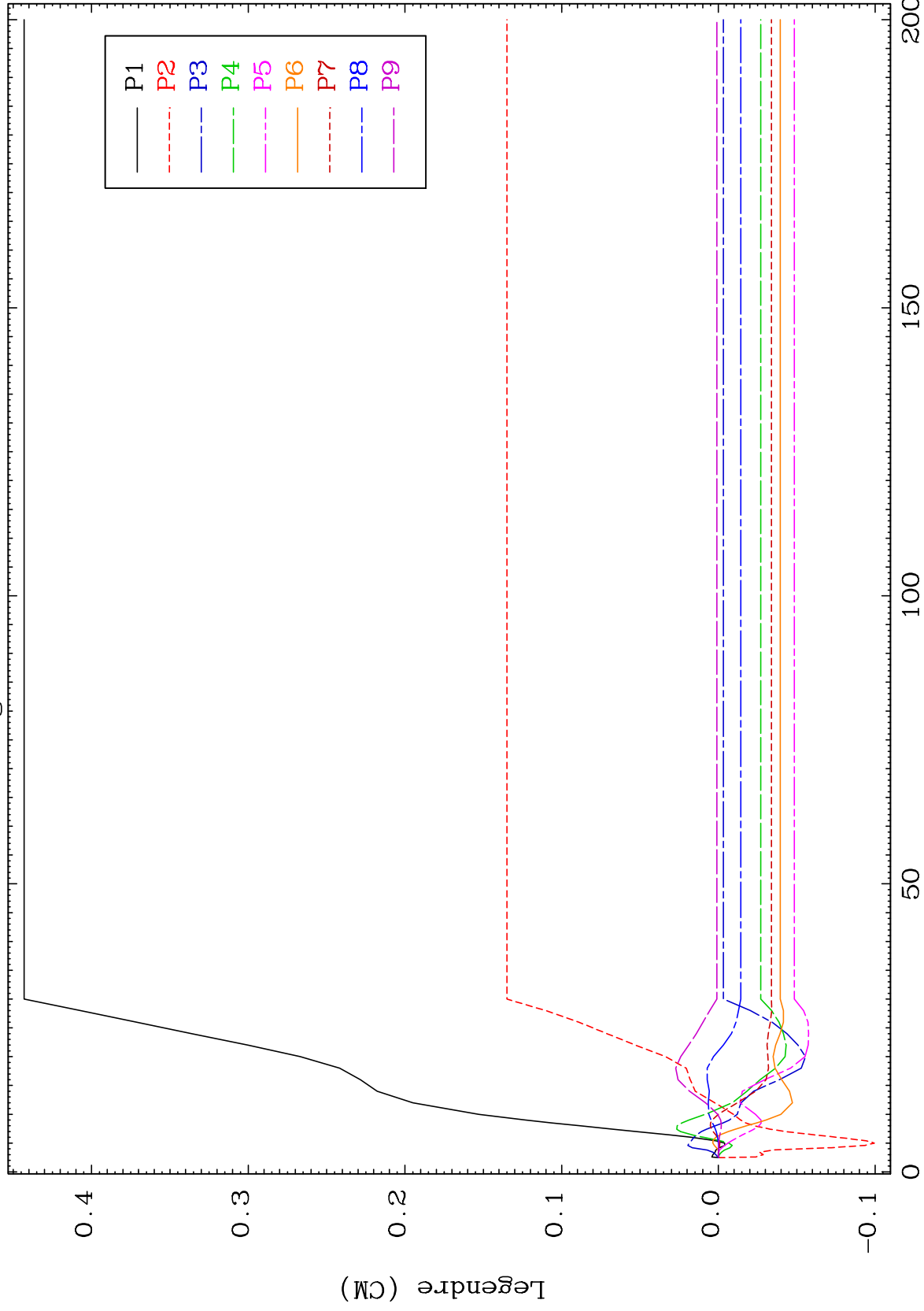
39-Y -97



MAT 3949

2.436 MeV (n,n') Level
Legendre Coefficients

39-Y -97



93

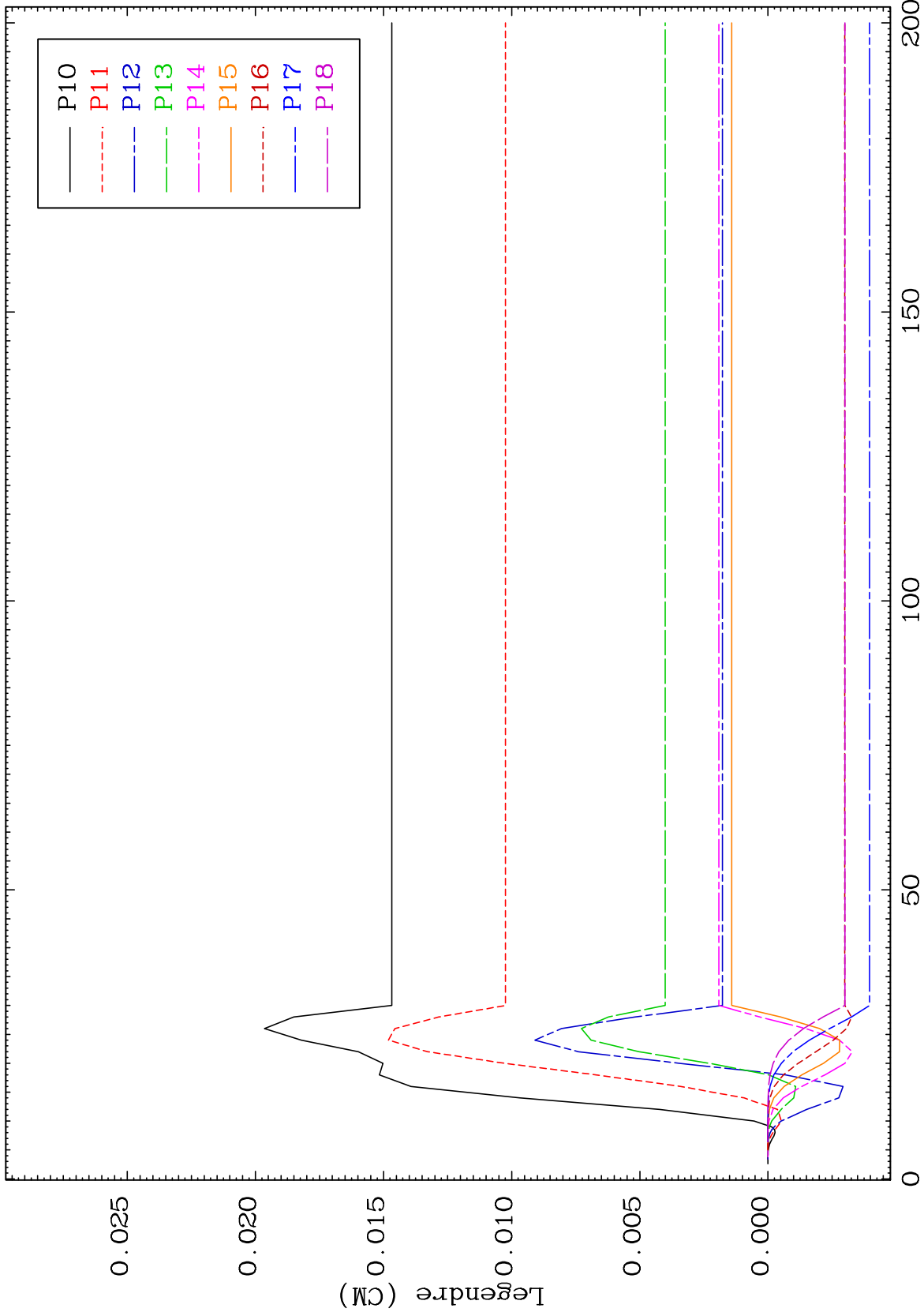
Incident Energy (MeV)

39-Y -97

MAT 3949

2.436 MeV (n,n') Level
Legendre Coefficients

39-Y -97



94

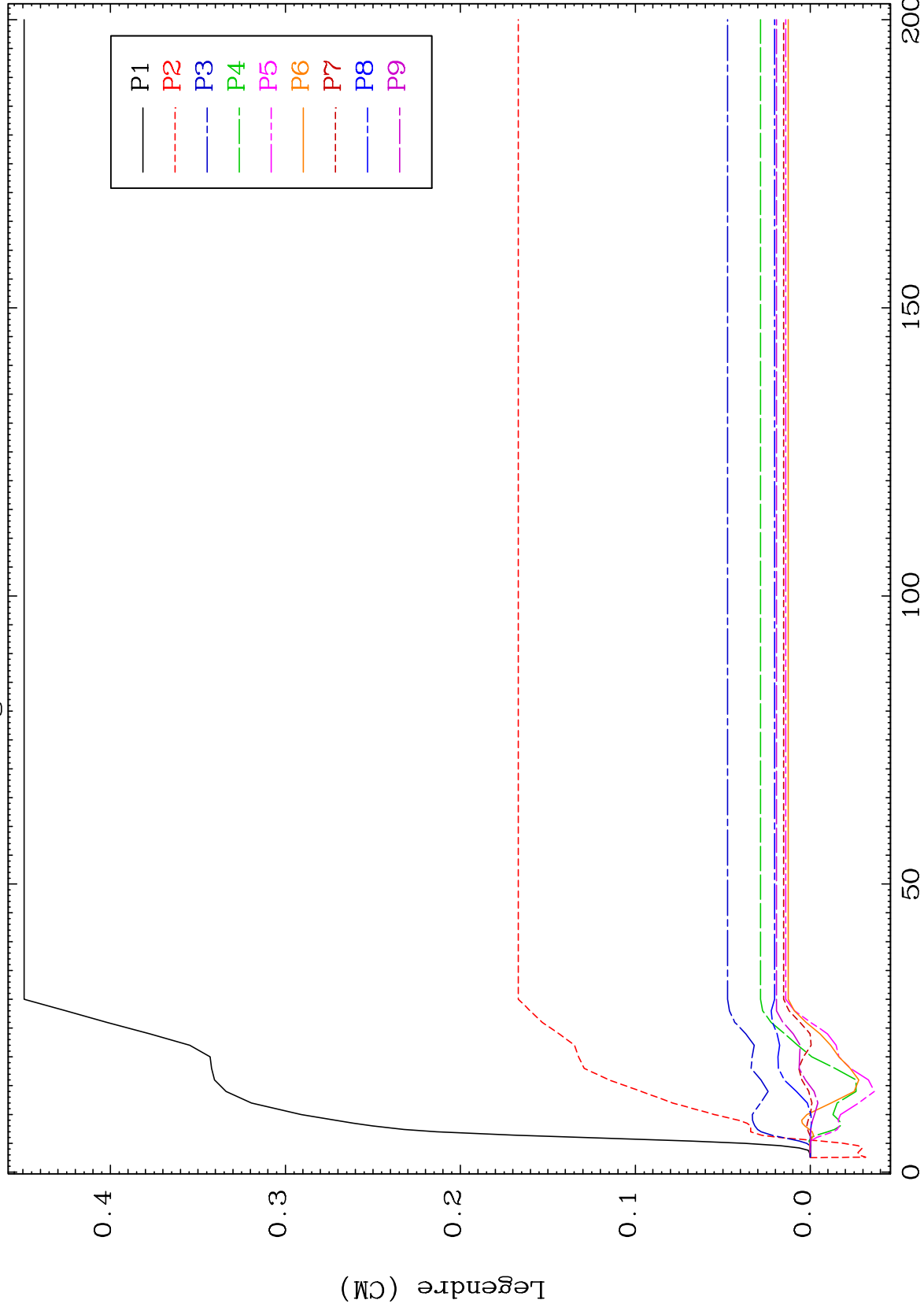
Incident Energy (MeV)

39-Y -97

MAT 3949

2.475 MeV (n,n') Level
Legendre Coefficients

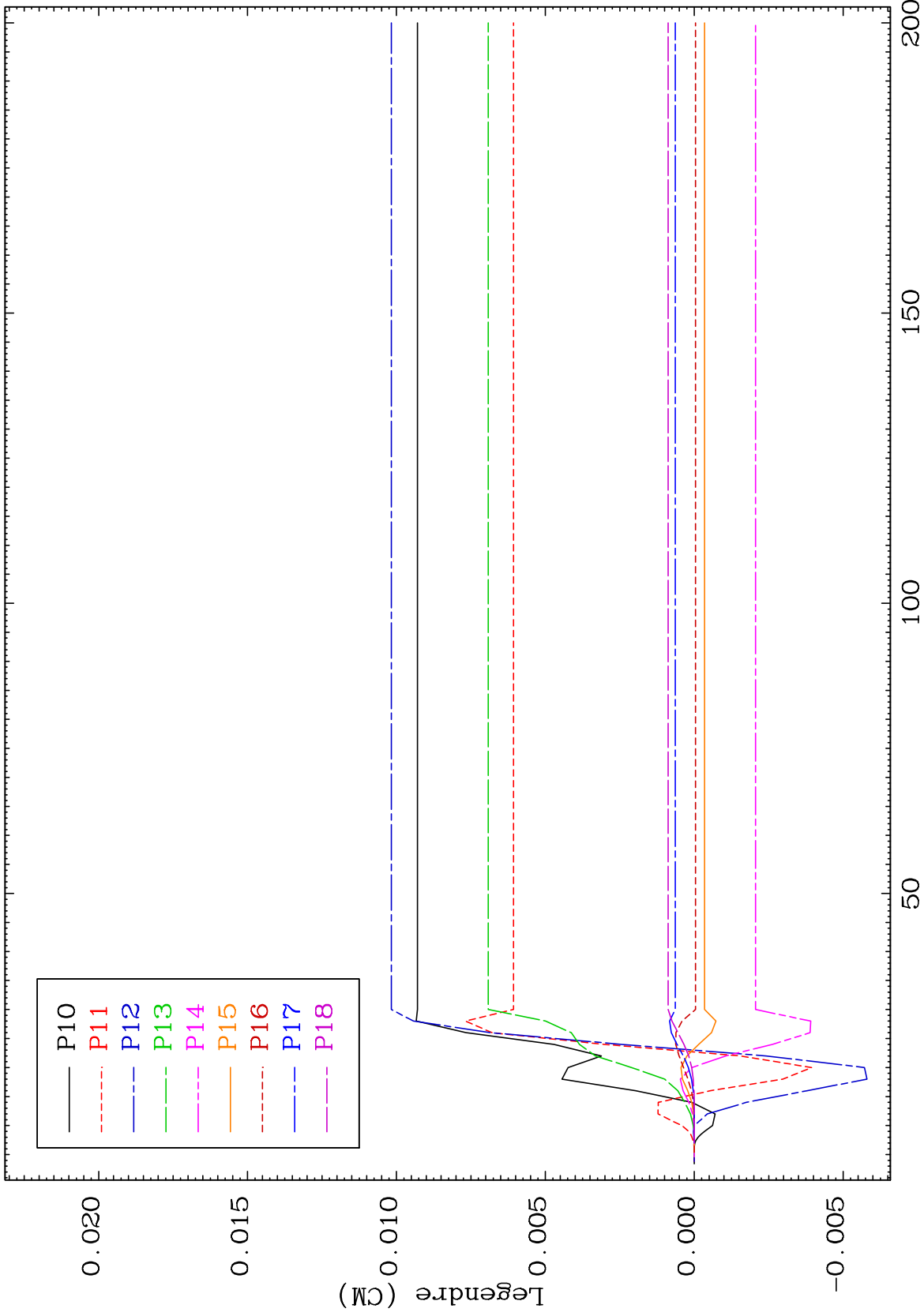
39-Y -97

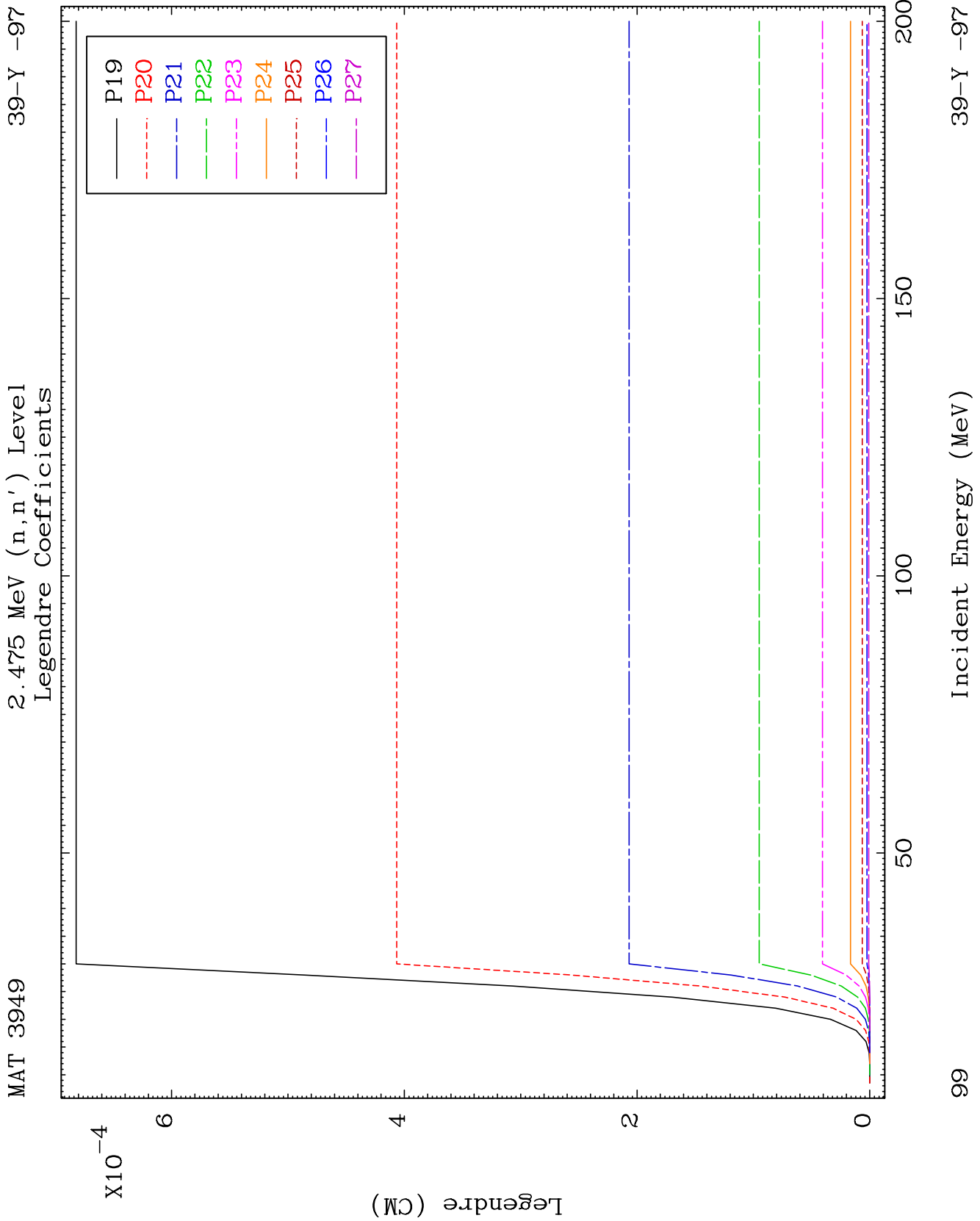


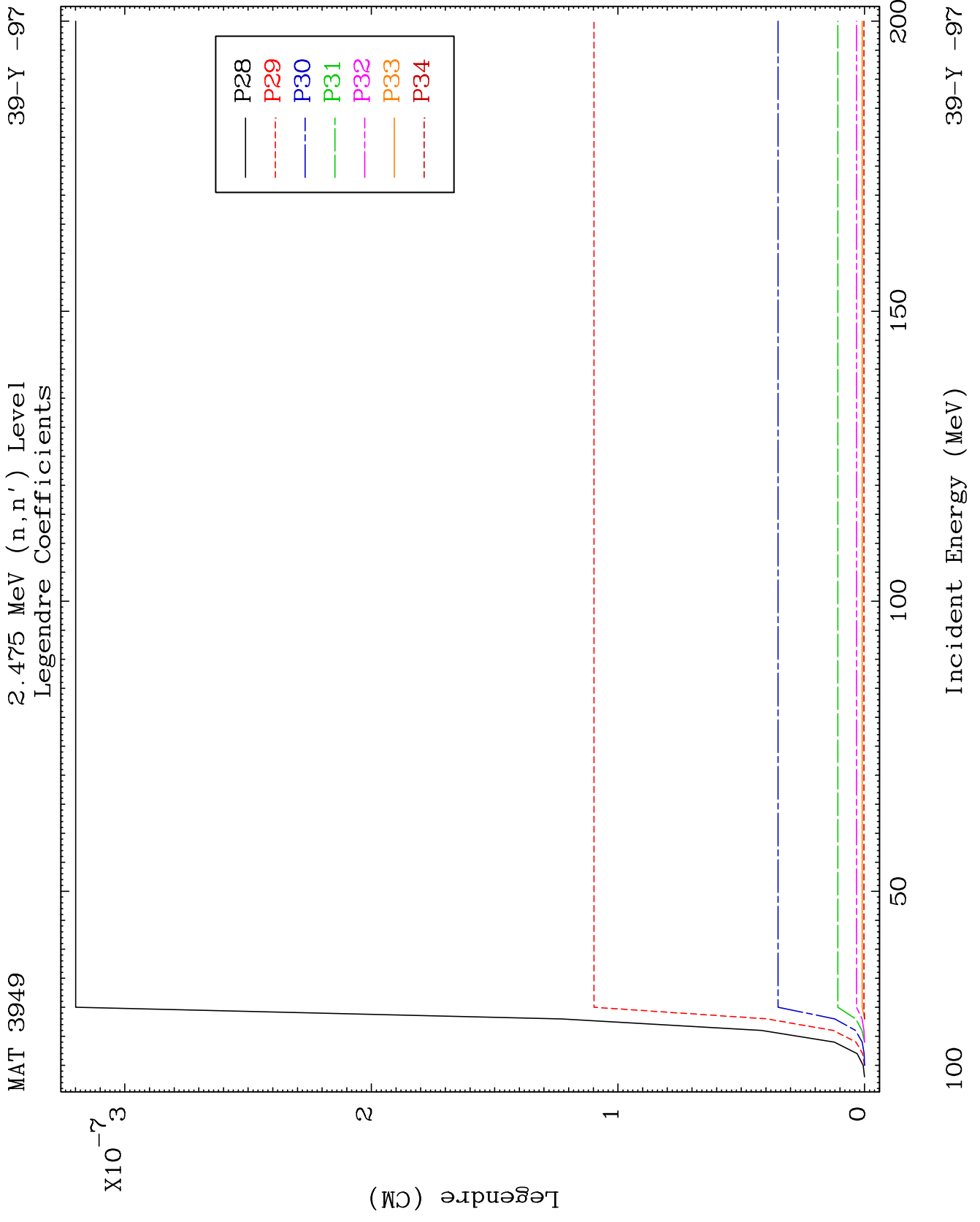
97

Incident Energy (MeV)

39-Y -97



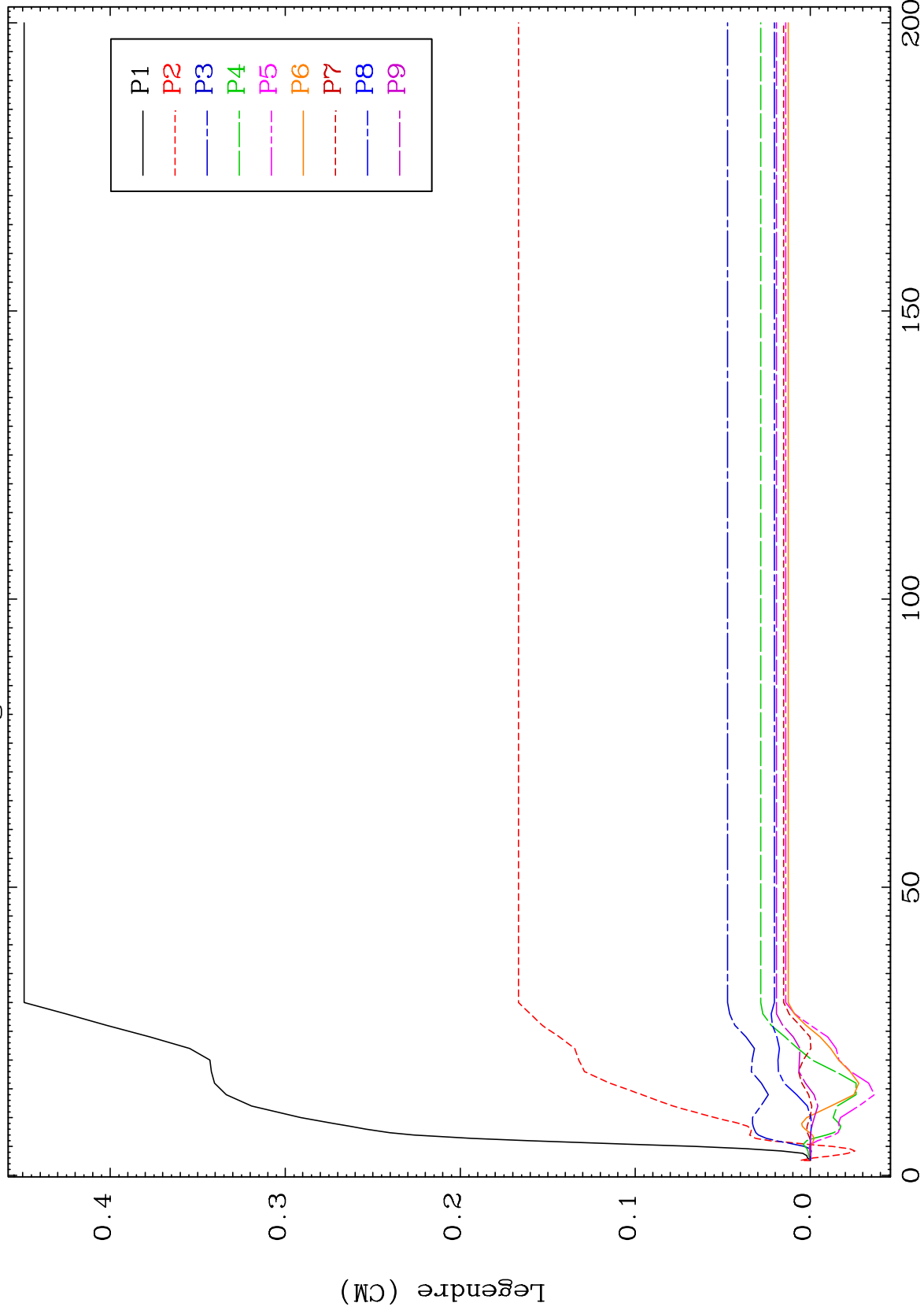




MAT 3949

2.501 MeV (n,n') Level
Legendre Coefficients

39-Y -97



101

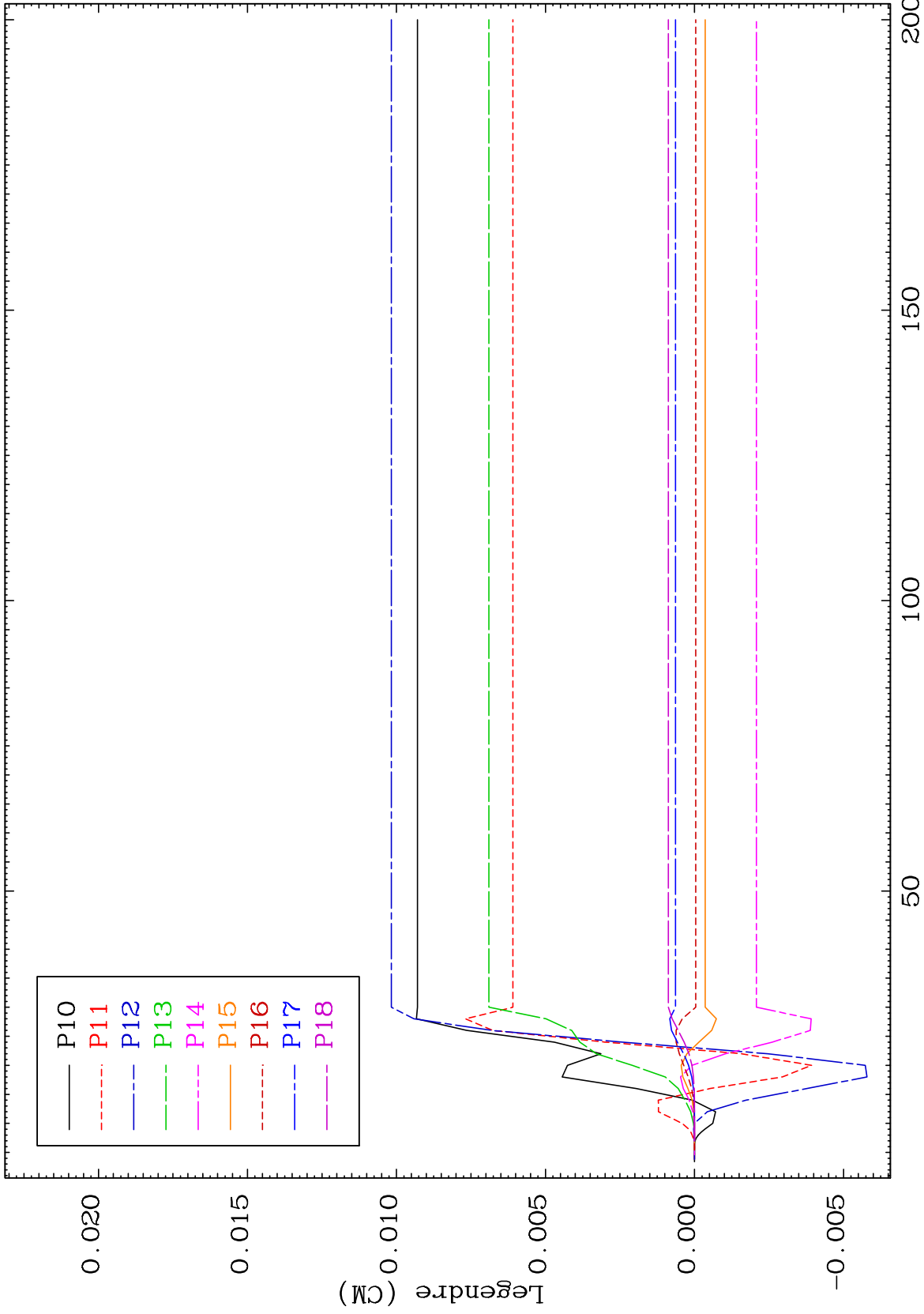
Incident Energy (MeV)

39-Y -97

MAT 3949

2.501 MeV (n,n') Level
Legendre Coefficients

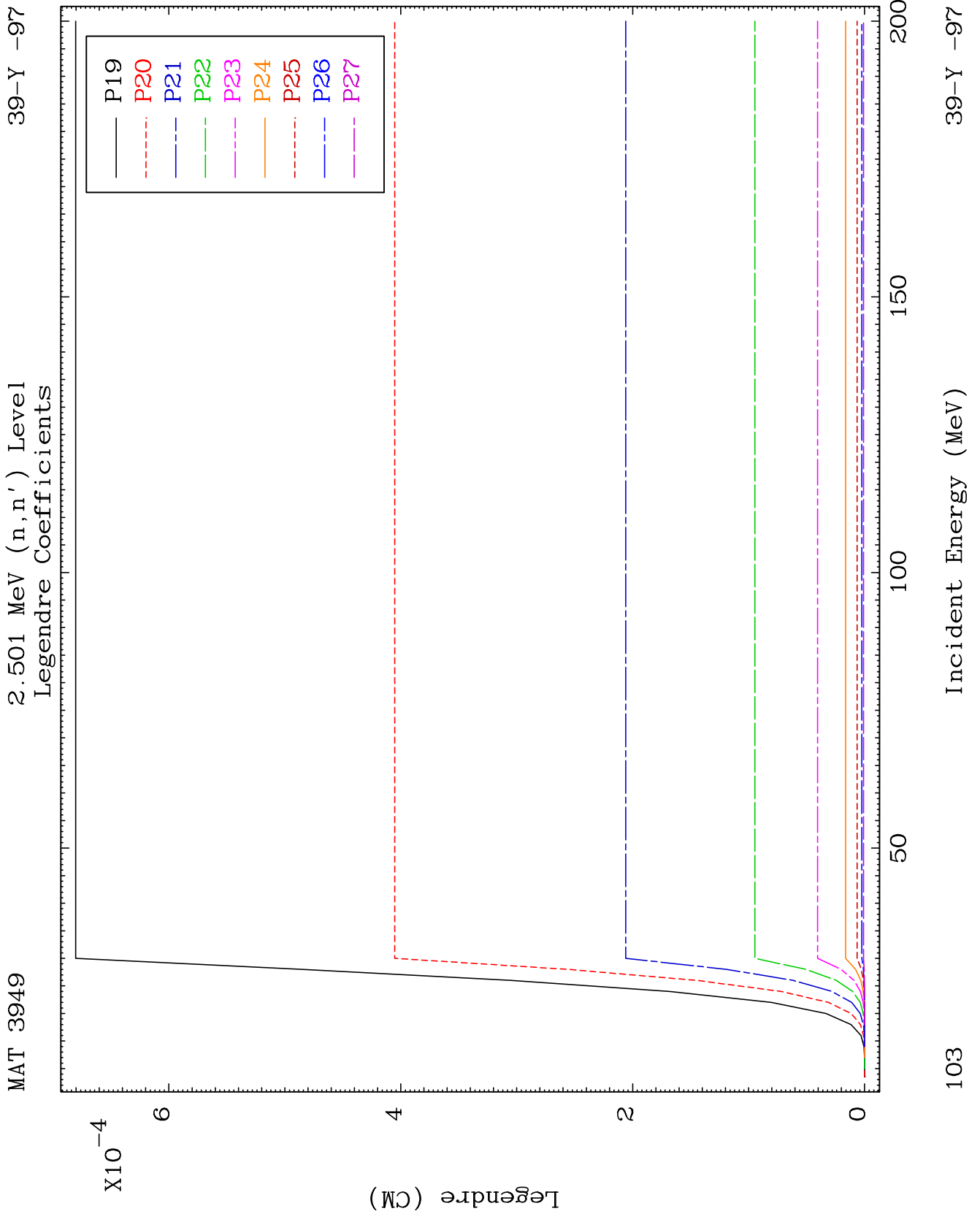
39-Y -97

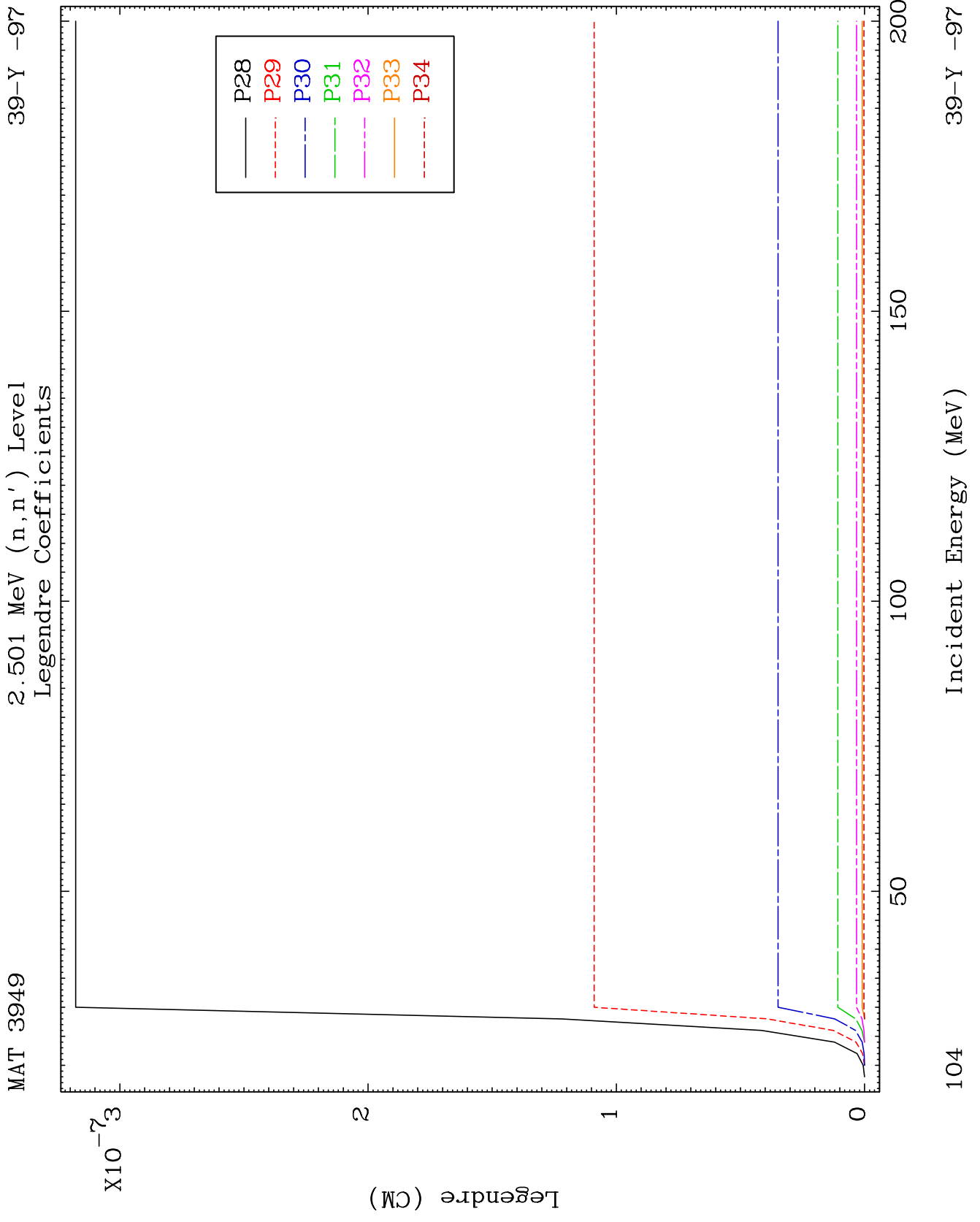


102

Incident Energy (MeV)

39-Y -97

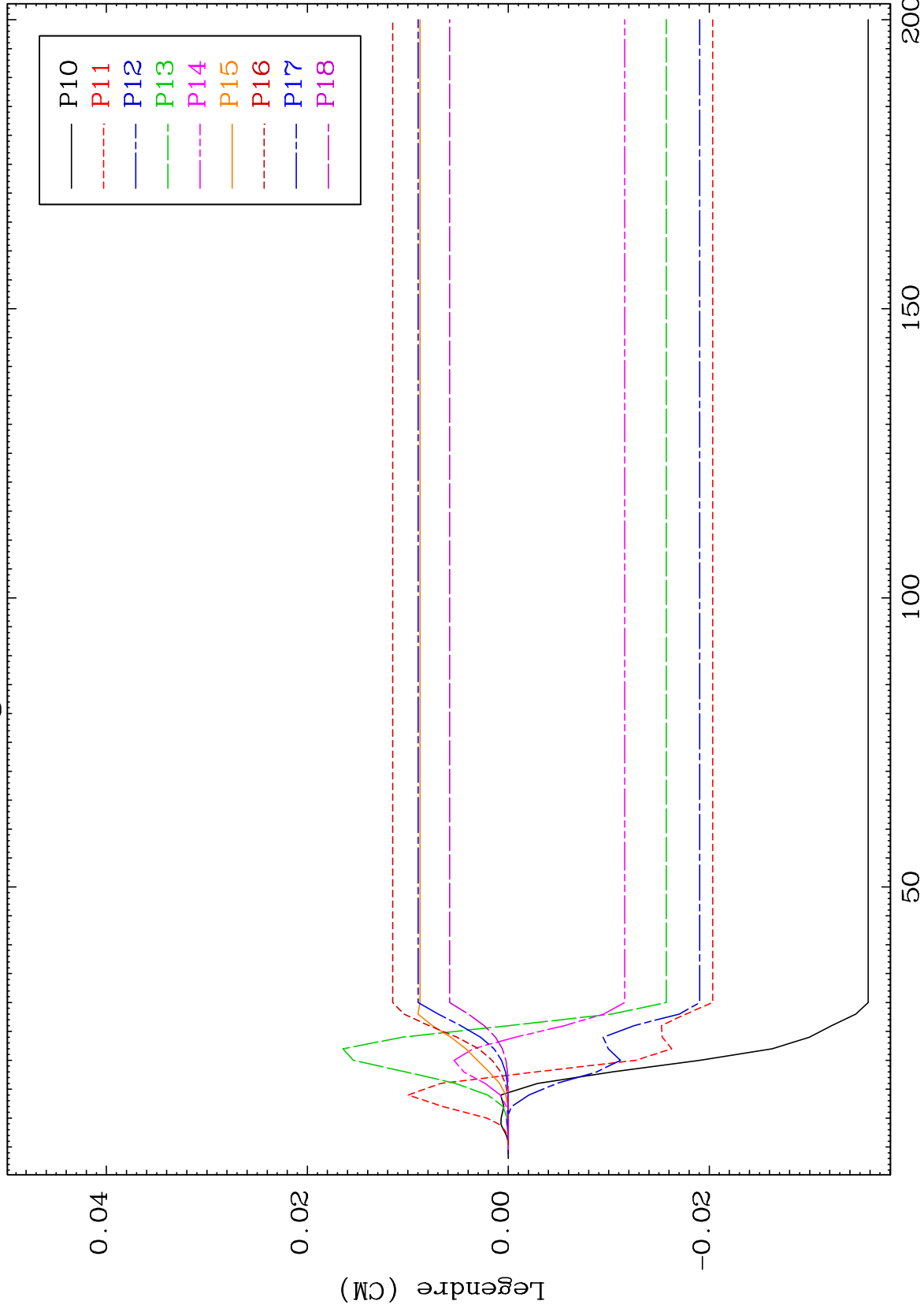




MAT 3949

2.559 MeV (n,n') Level
Legendre Coefficients

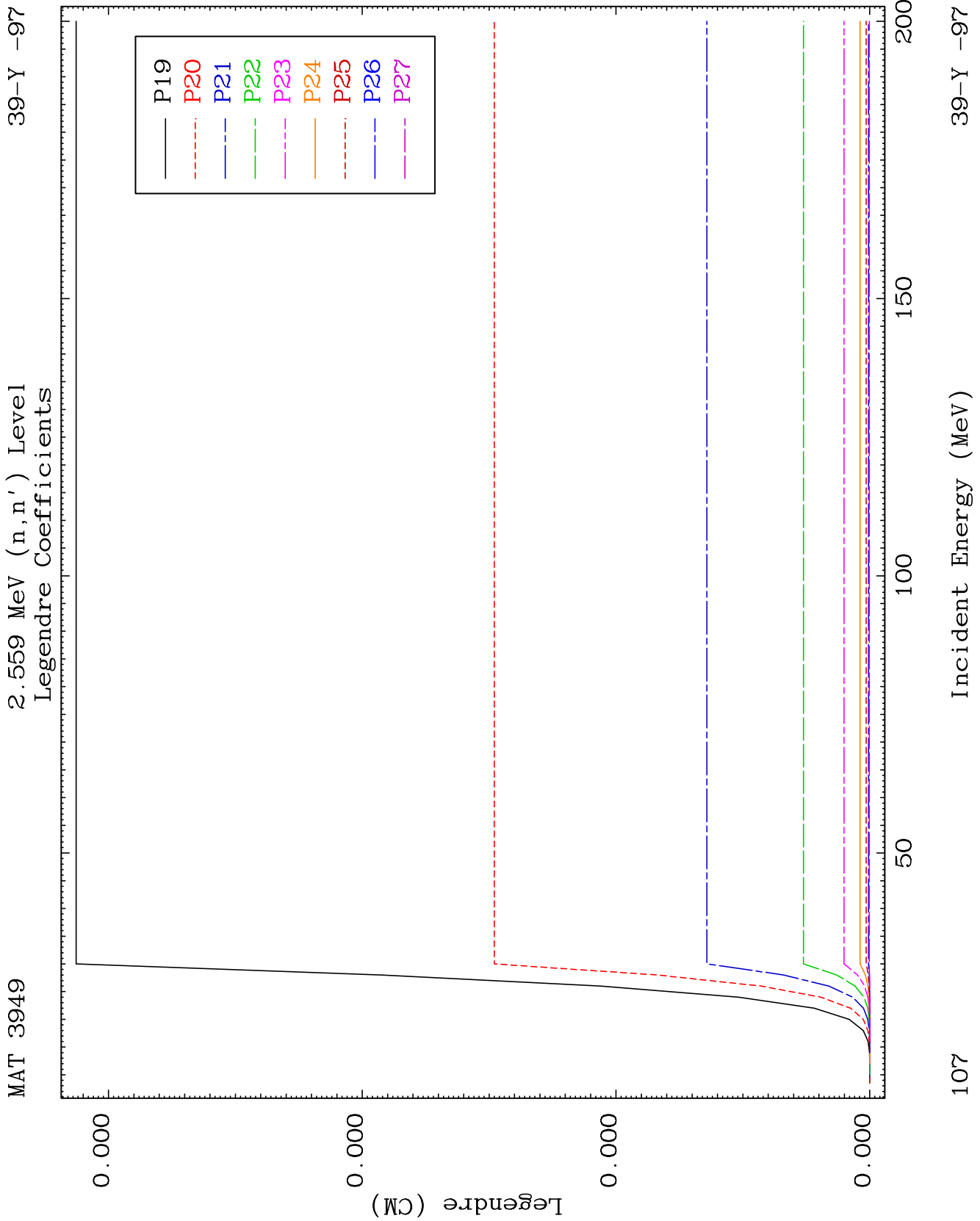
39-Y -97

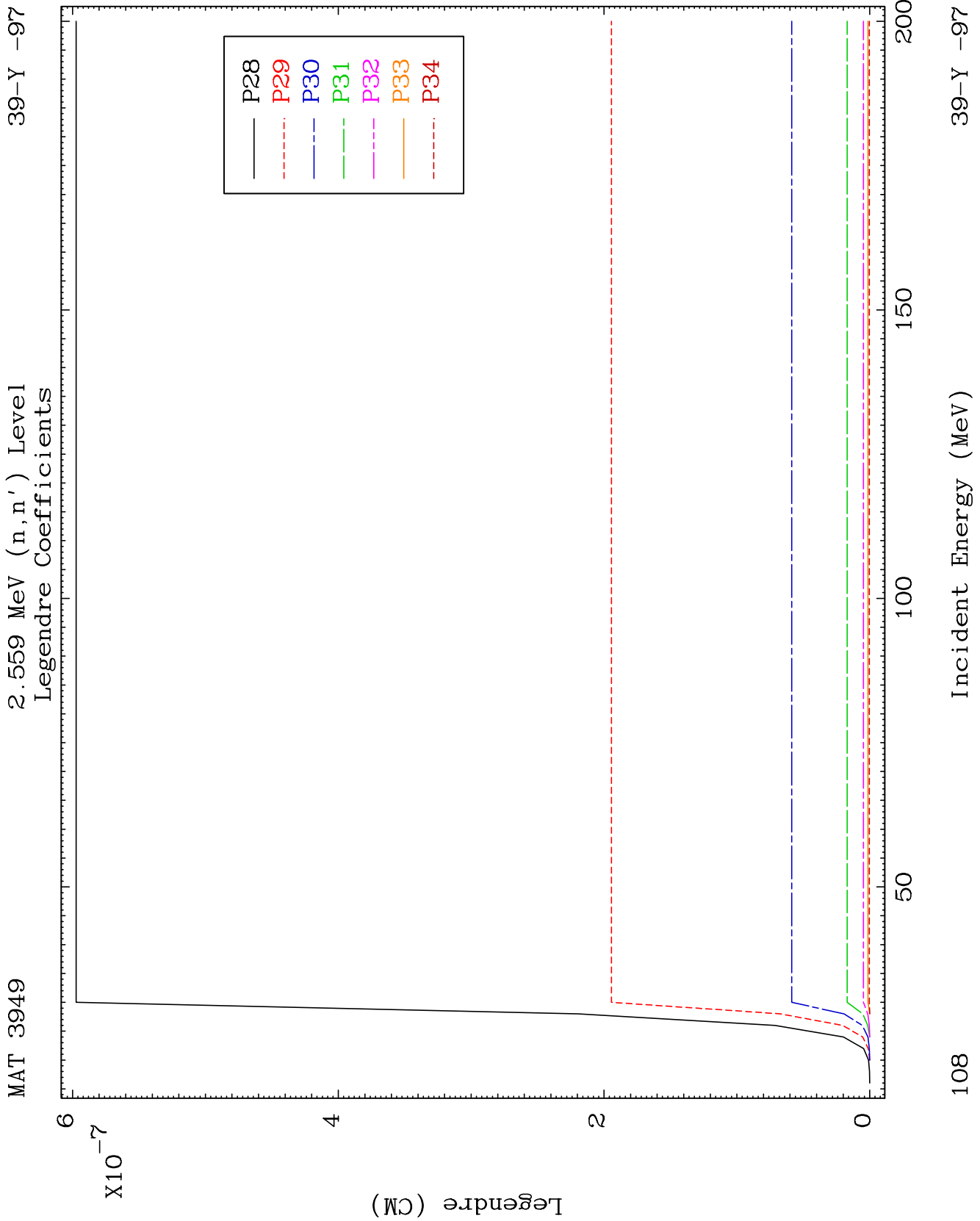


106

Incident Energy (MeV)

39-Y -97

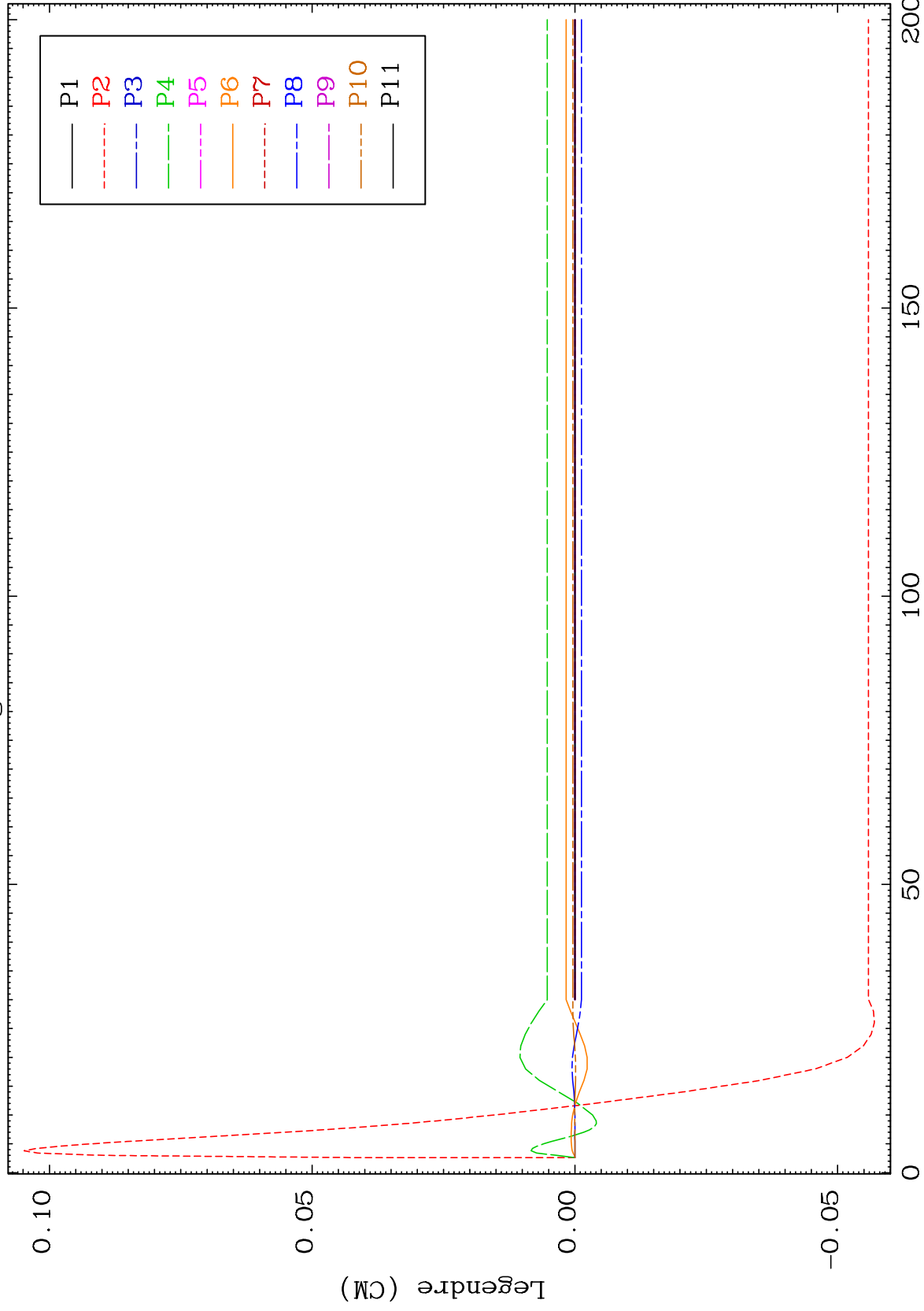




MAT 3949

2.569 MeV (n,n') Level
Legendre Coefficients

39-Y -97



109

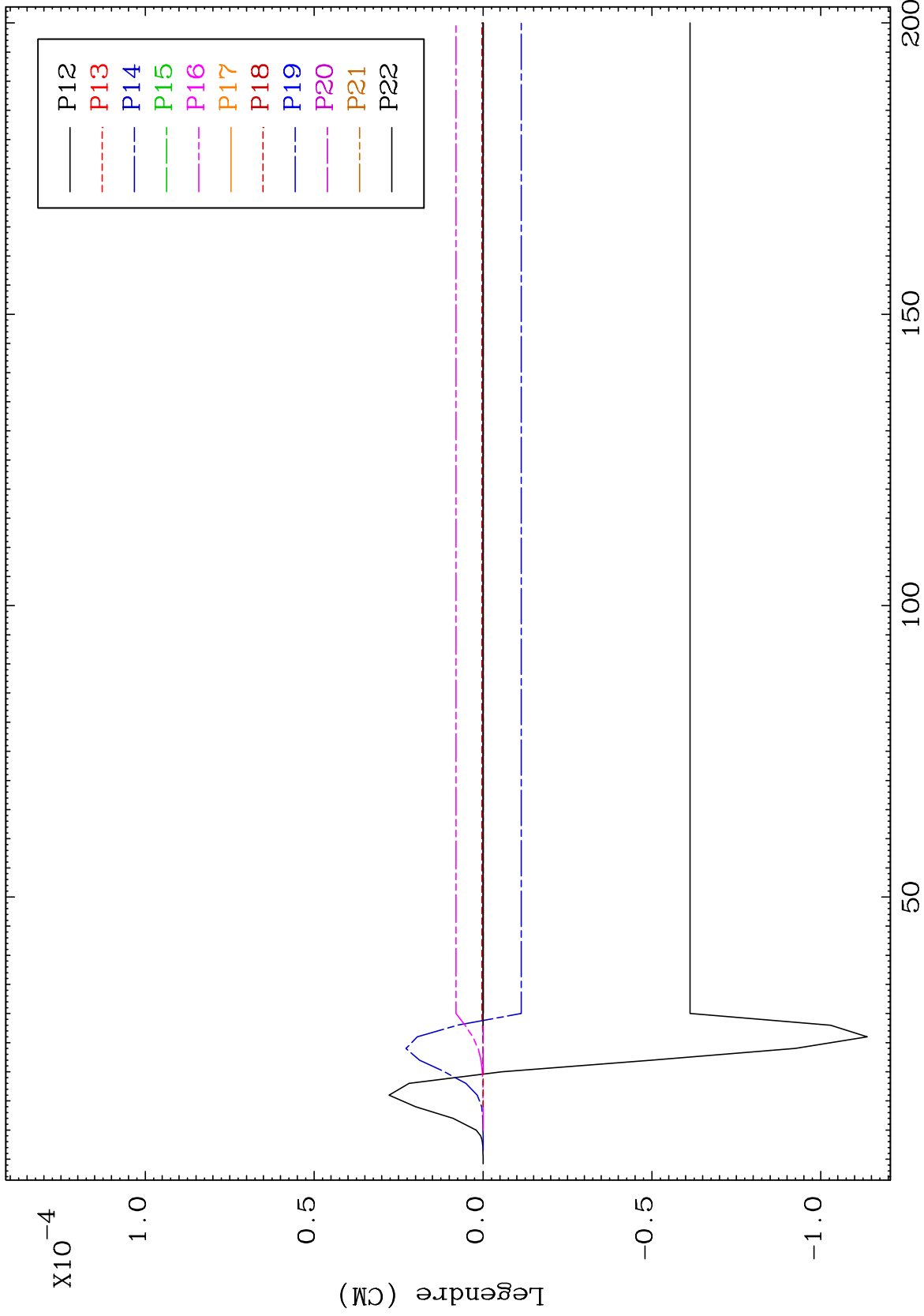
Incident Energy (MeV)

39-Y -97

MAT 3949

2.569 MeV (n,n') Level
Legendre Coefficients

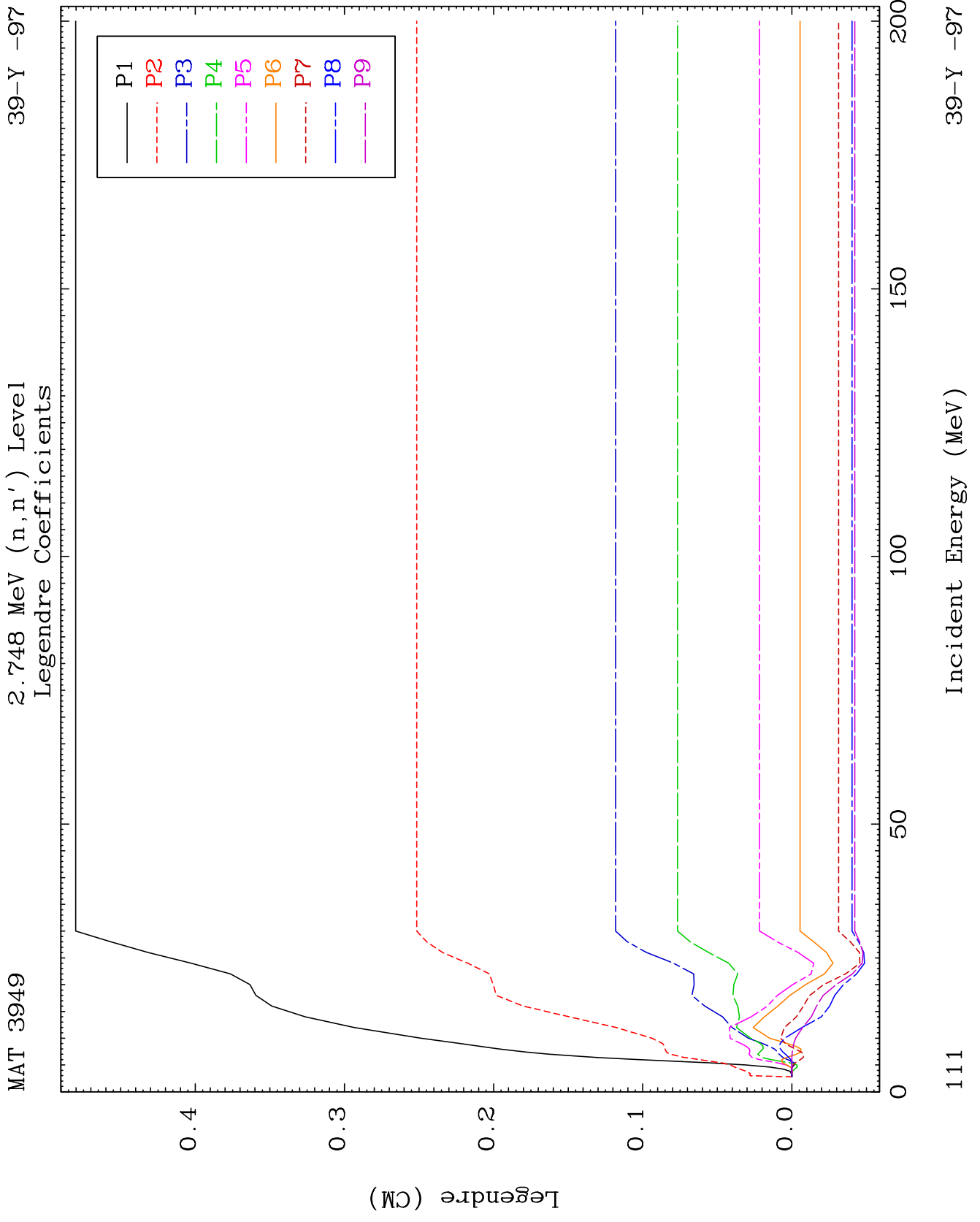
39-Y -97



110

Incident Energy (MeV)

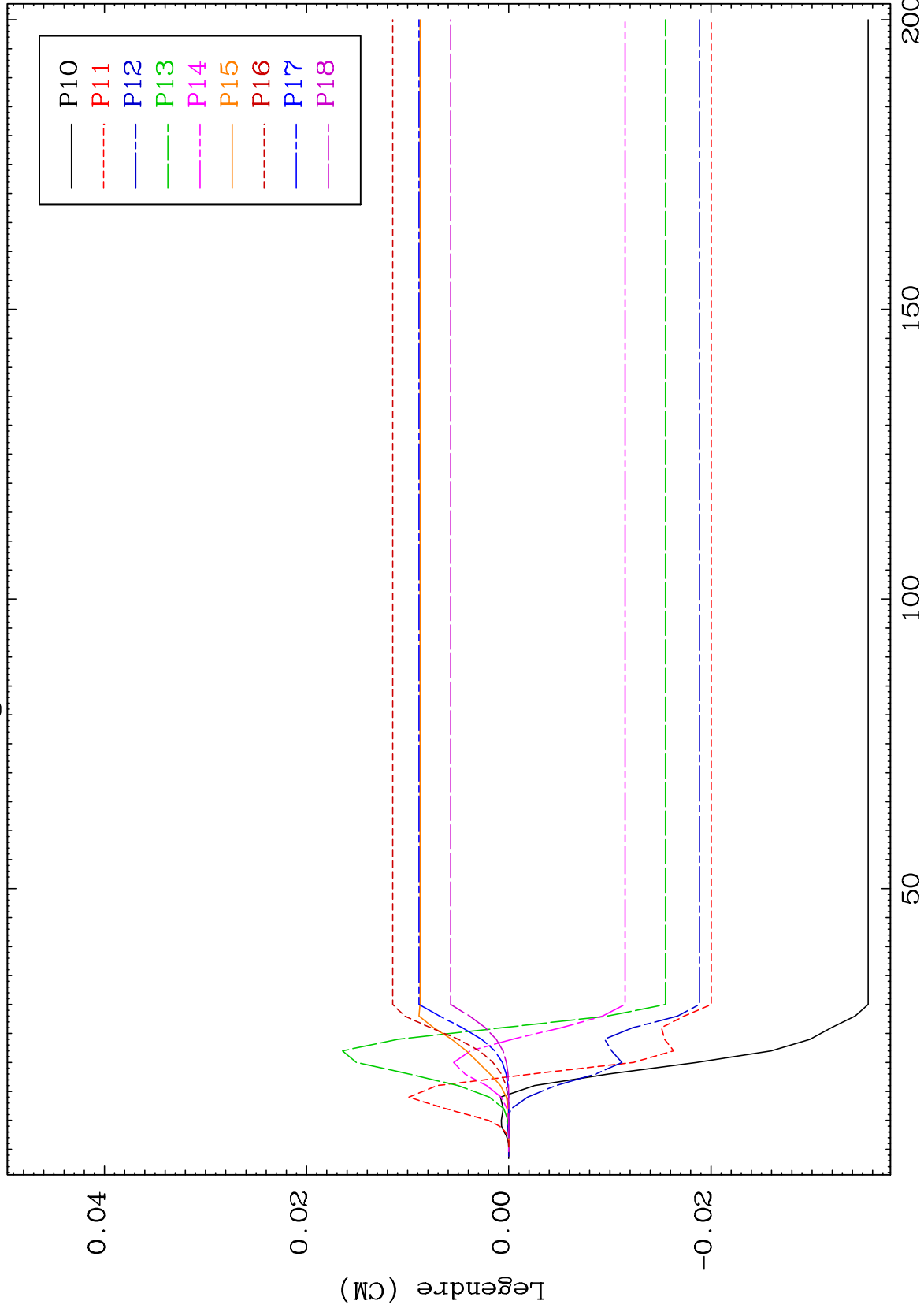
39-Y -97



MAT 3949

2.748 MeV (n,n') Level
Legendre Coefficients

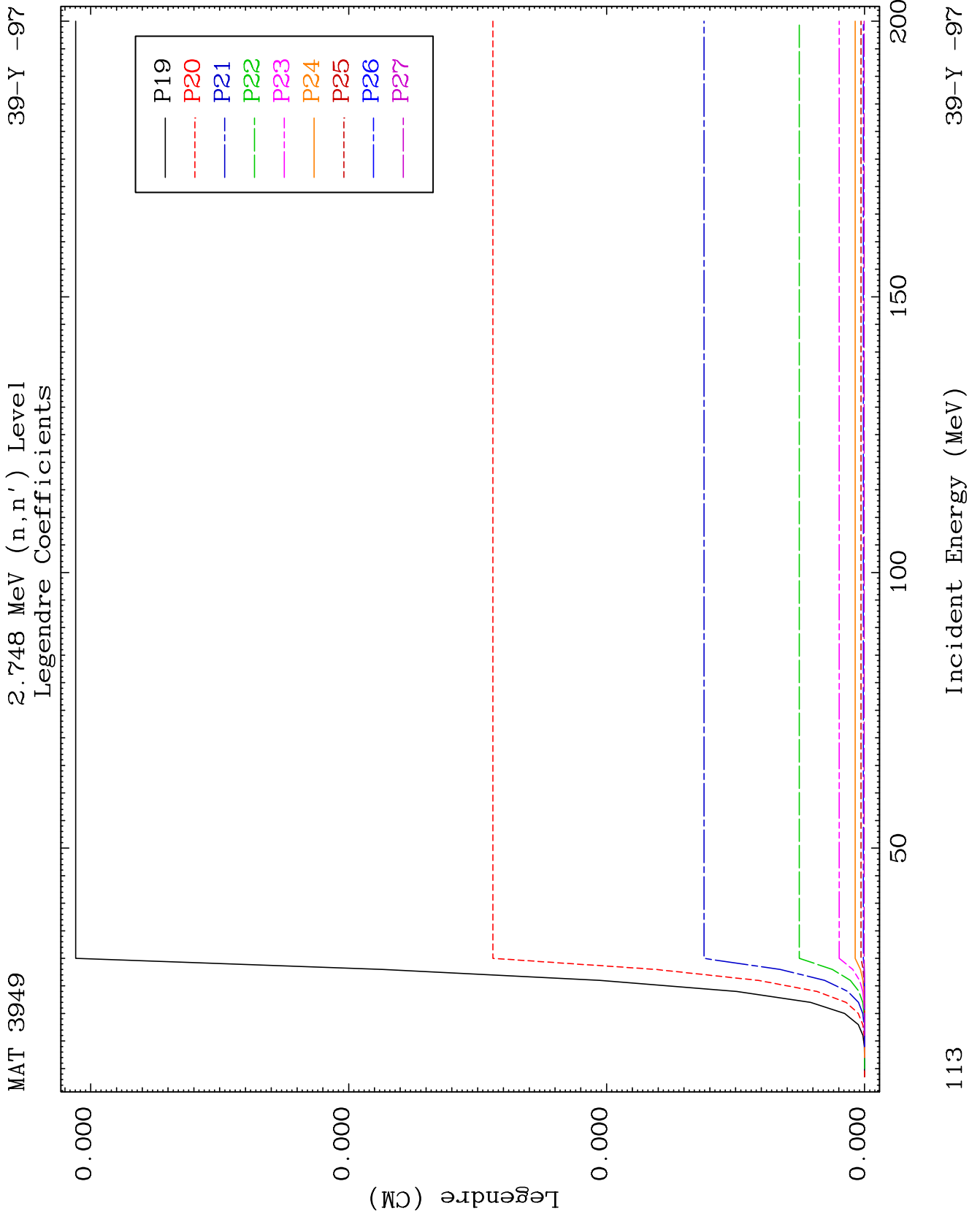
39-Y -97



112

Incident Energy (MeV)

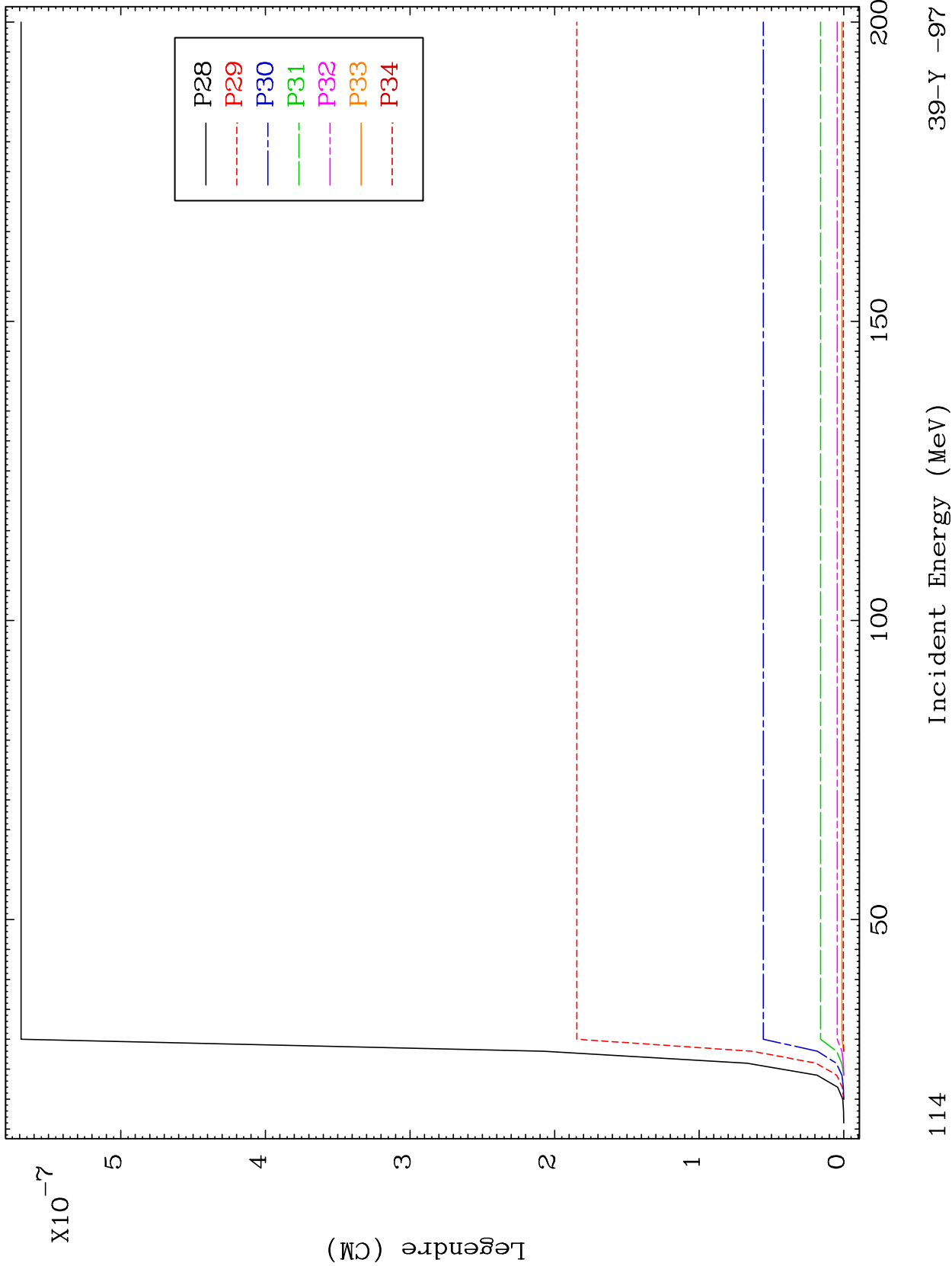
39-Y -97

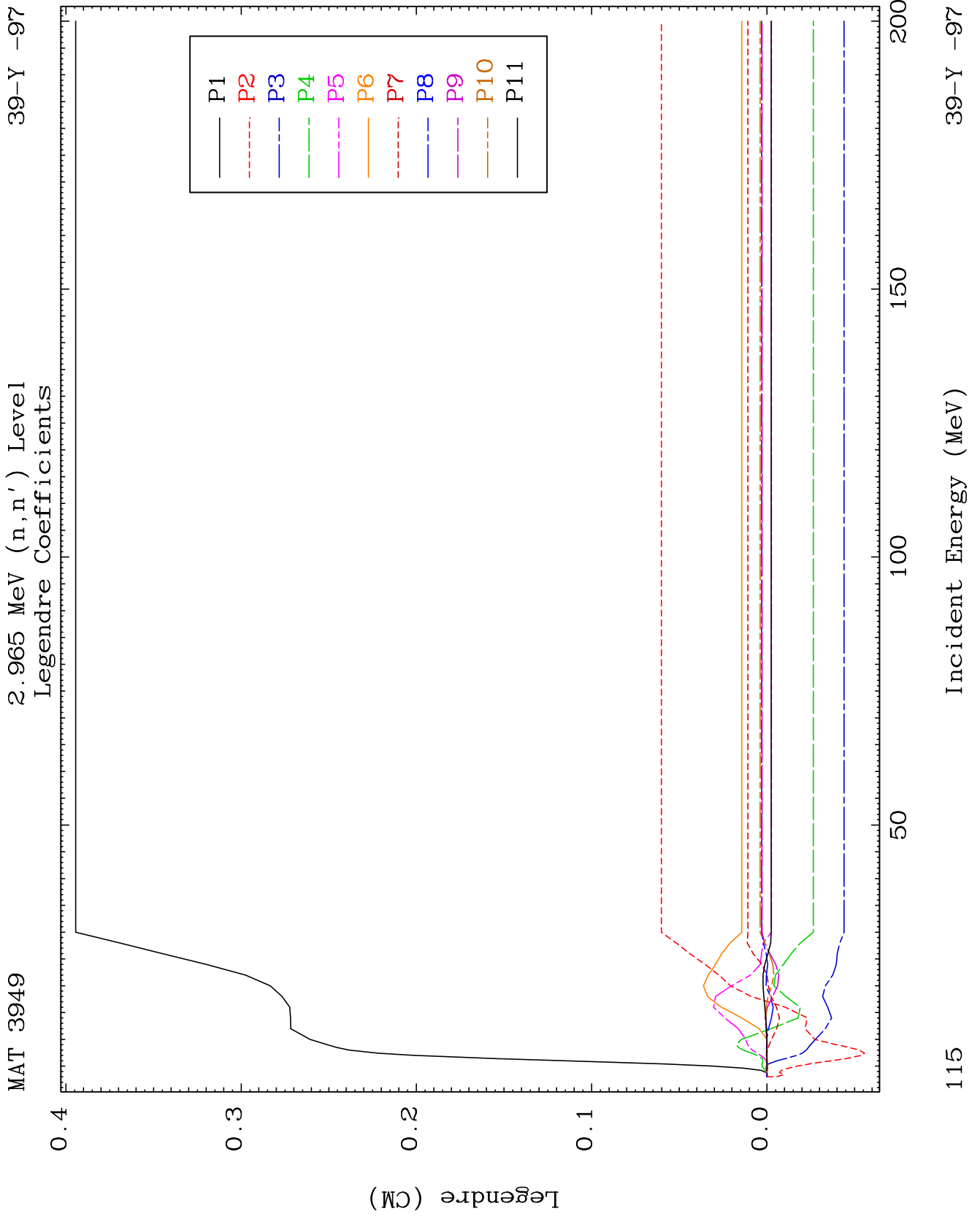


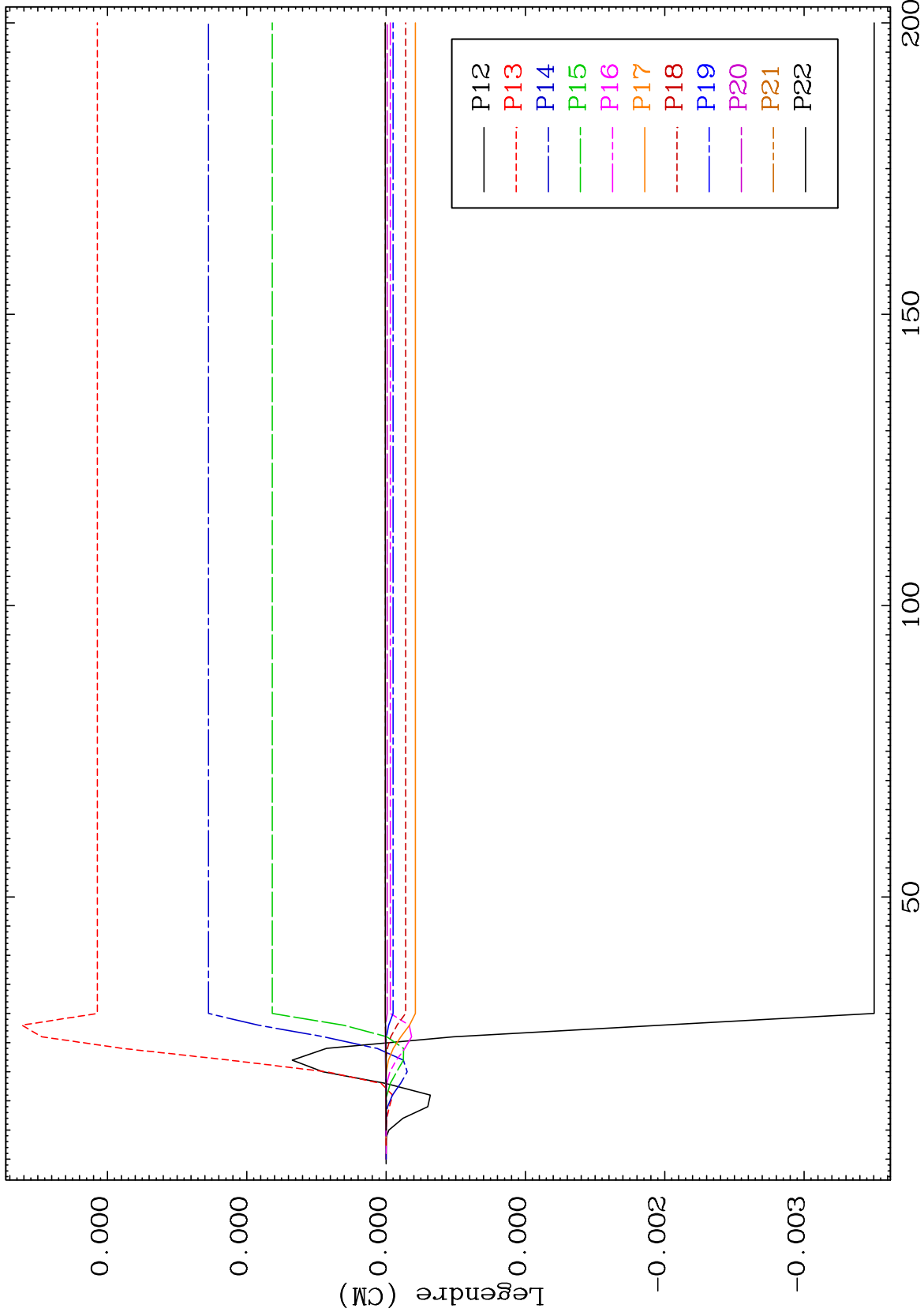
MAT 3949

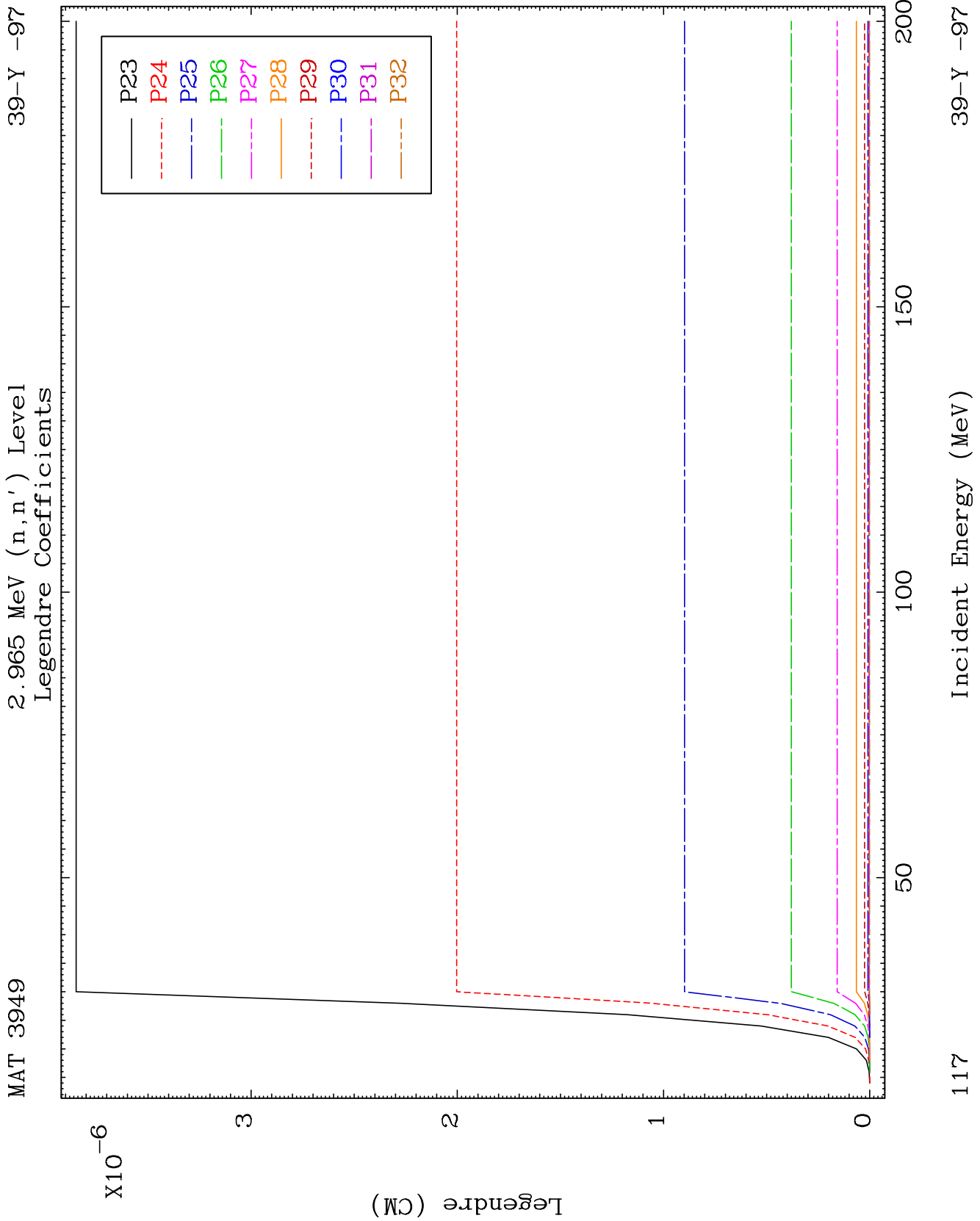
2.748 MeV (n,n') Level
Legendre Coefficients

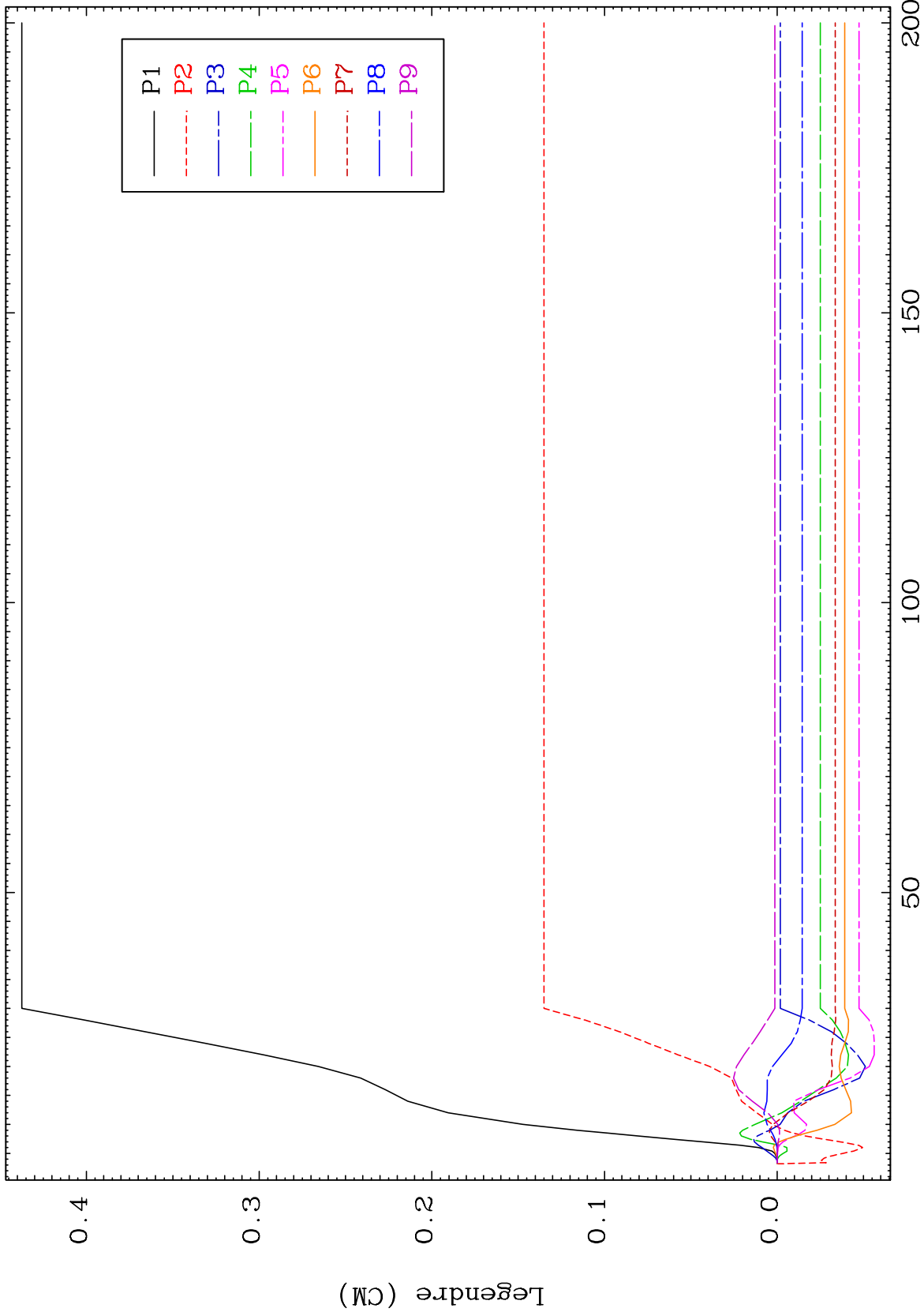
39-Y -97

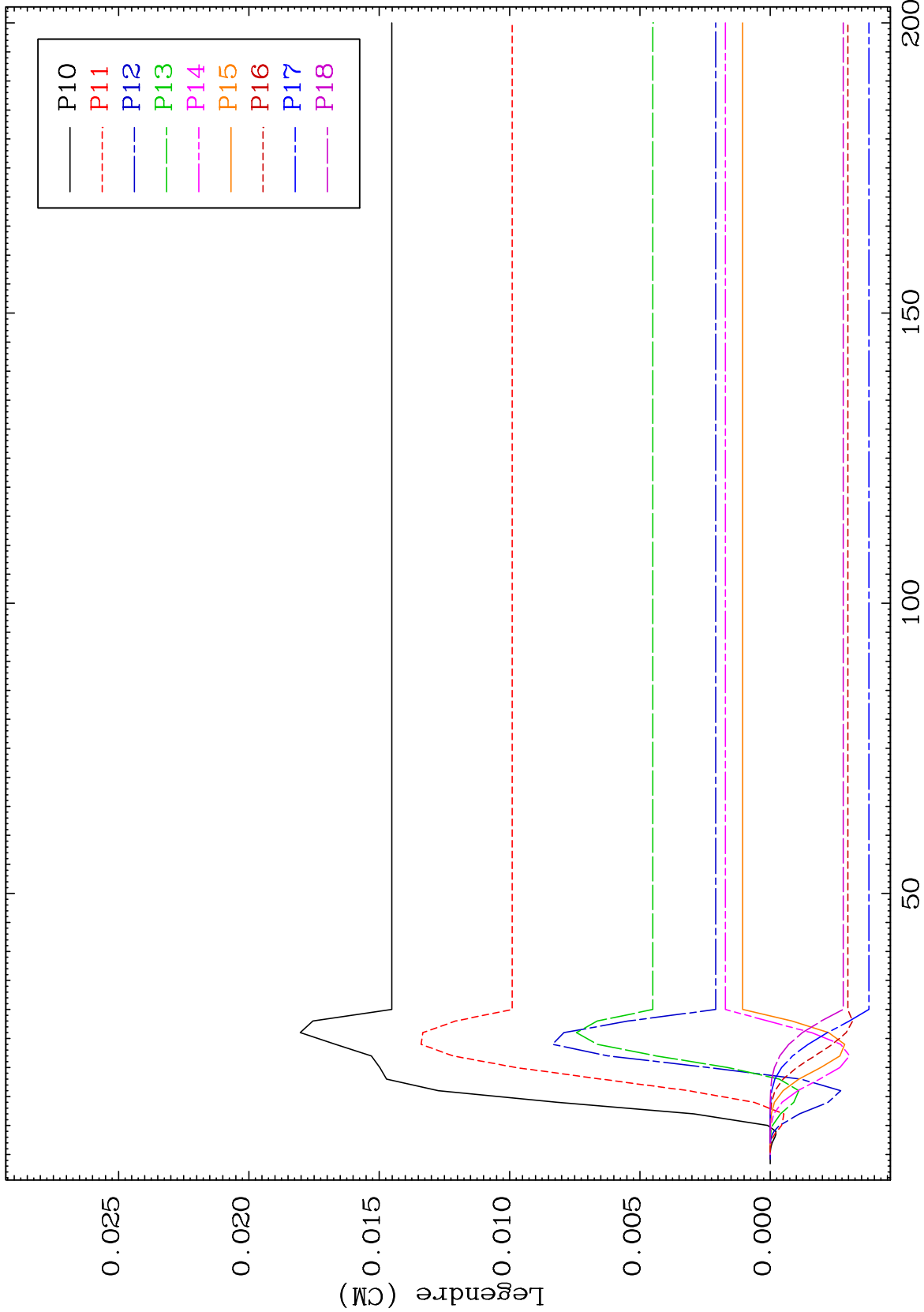


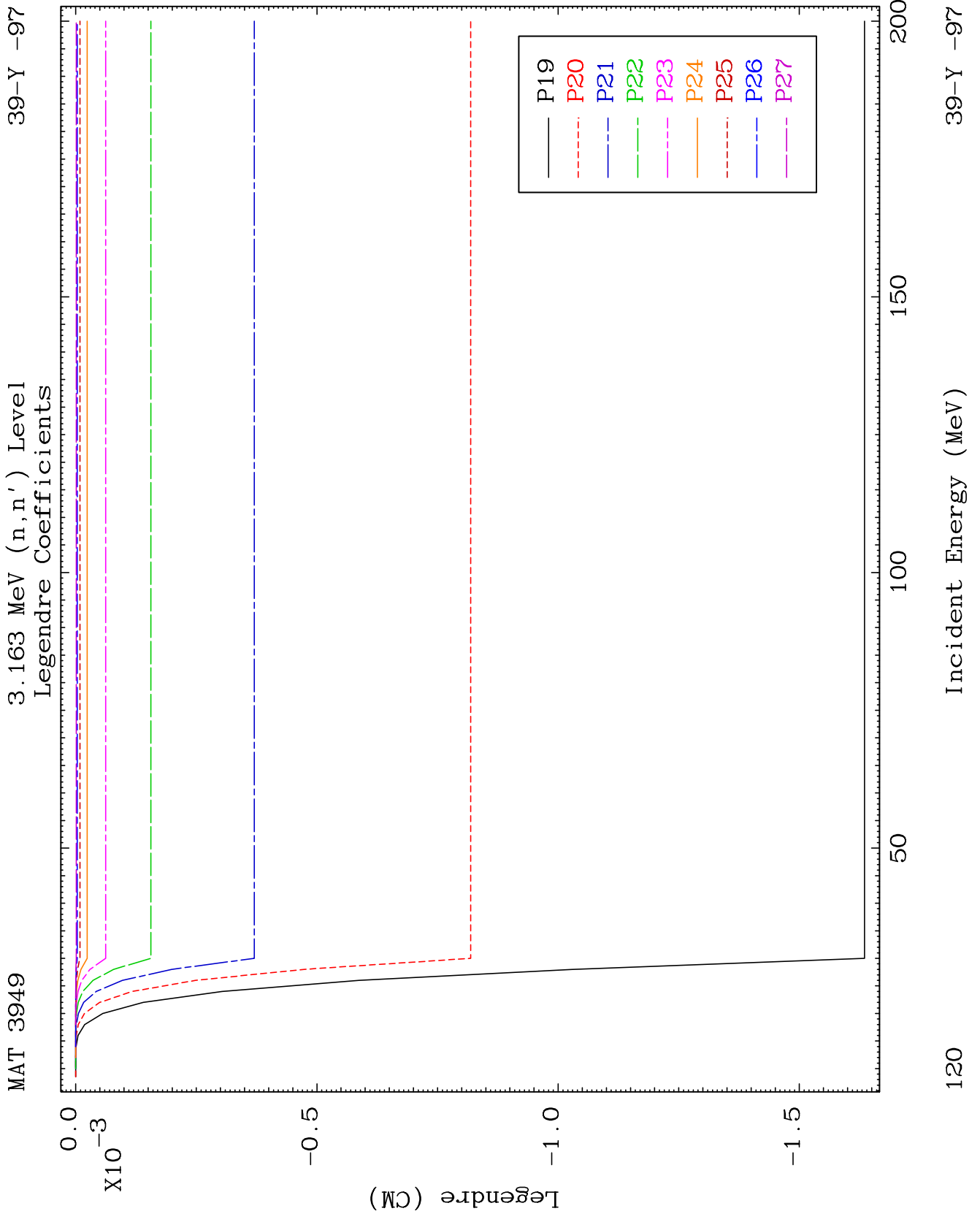


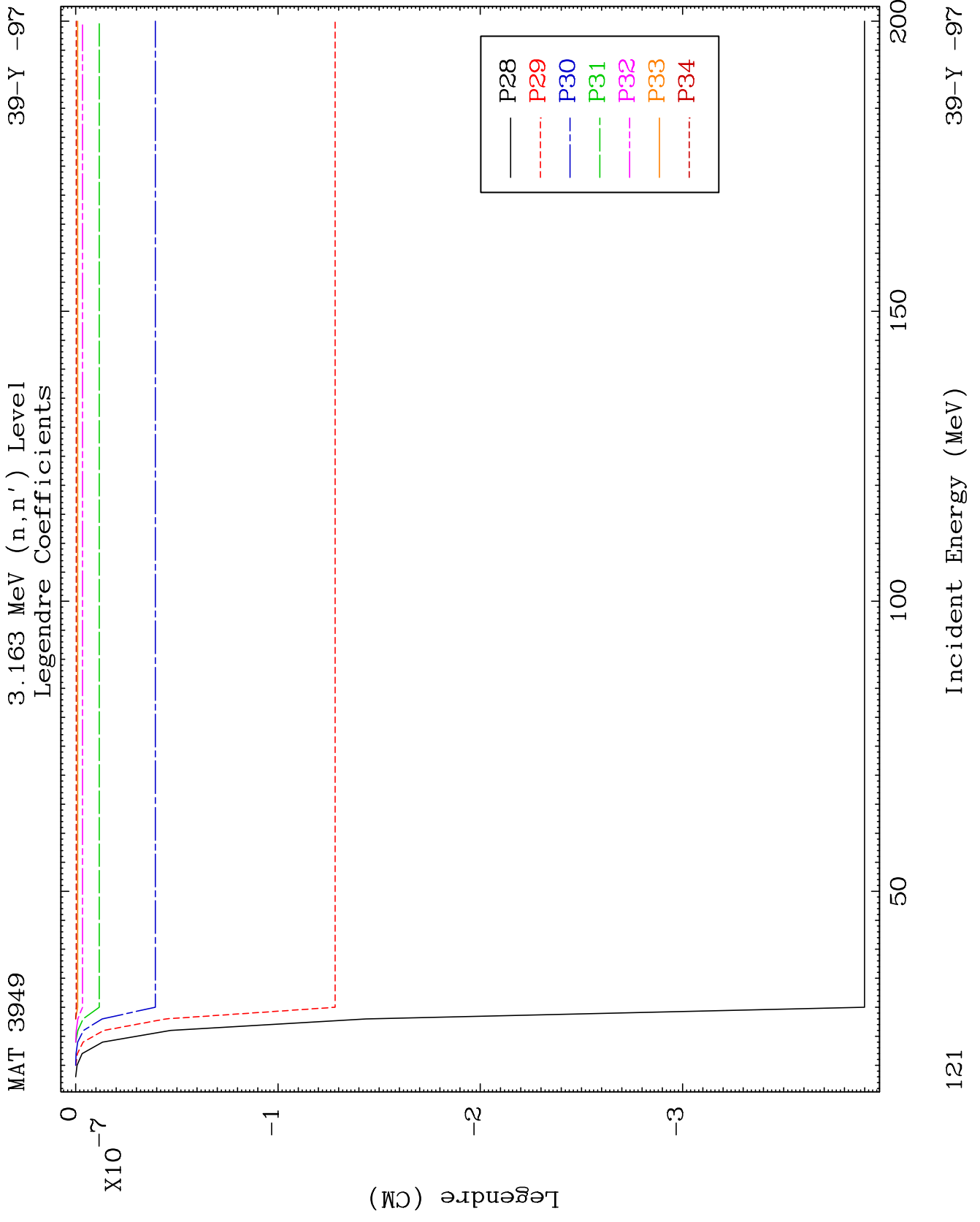








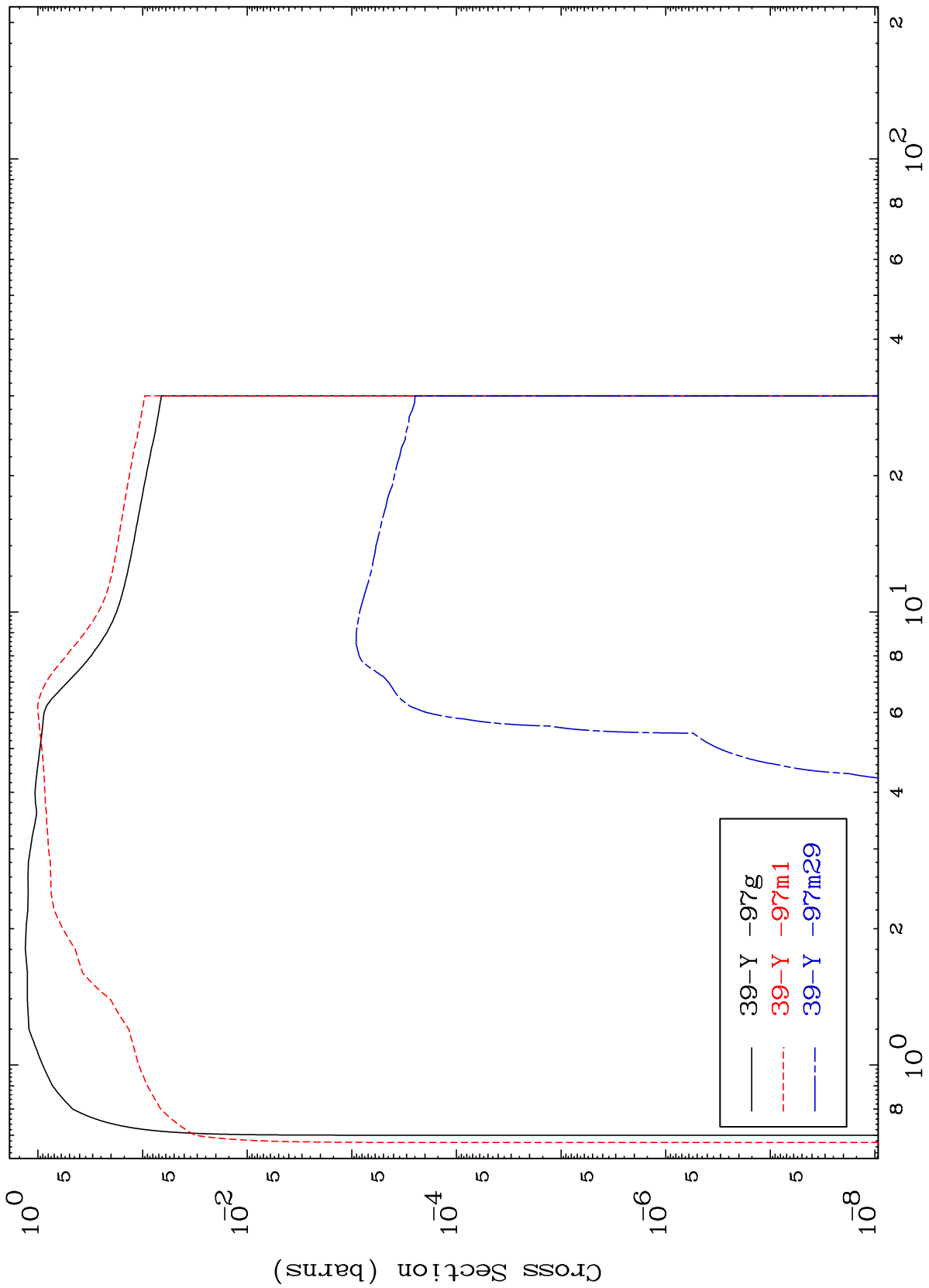




MAT 3949

39-Y -97

Inelastic Radionuclide Production Cross Section



39-Y -97g
39-Y -97m1
39-Y -97m29

39-Y -97

Incident Energy (MeV)

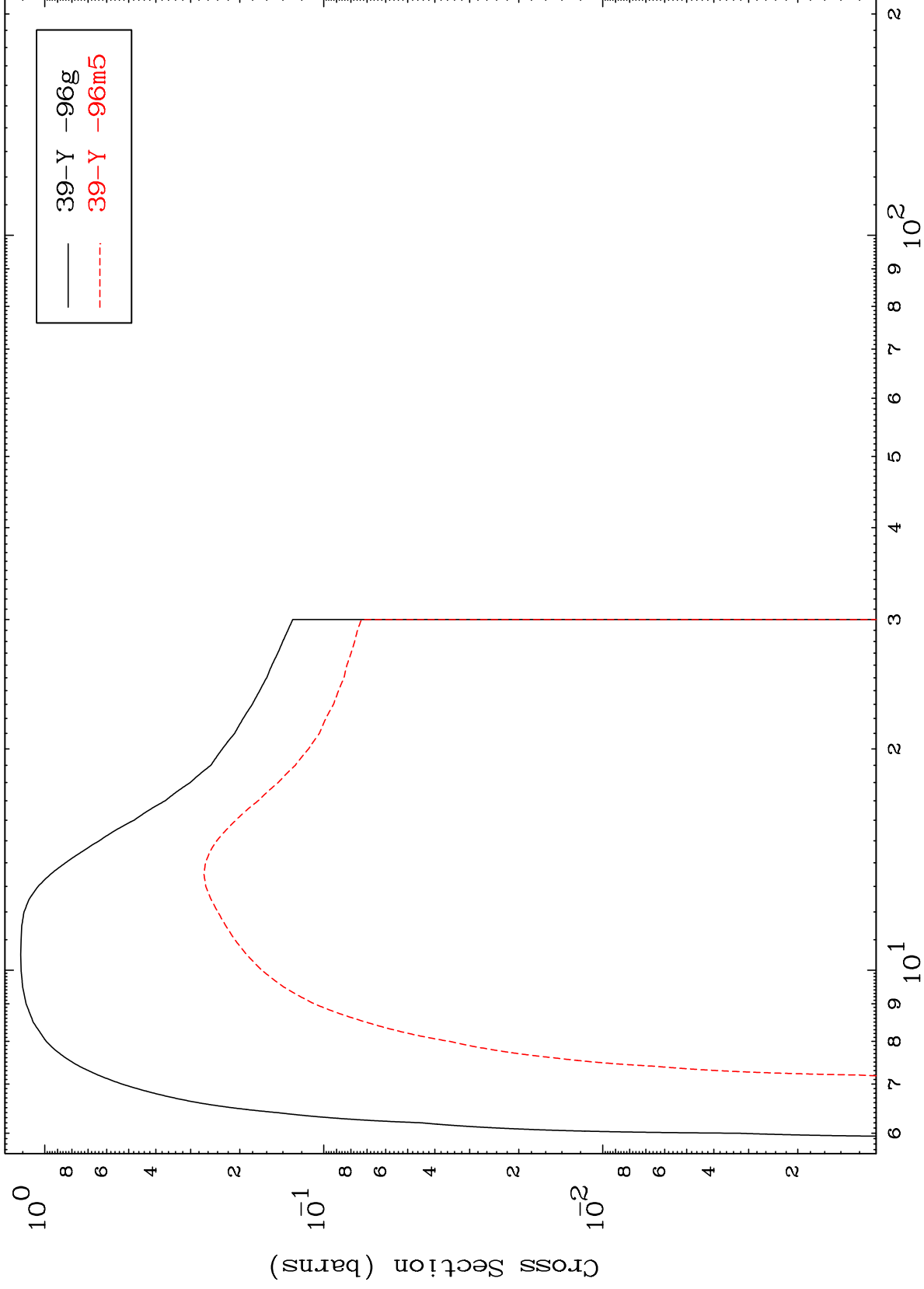
122

MAT 3949

(n,2n)

39-Y -97

Radionuclide Production Cross Section



123

Incident Energy (MeV)

39-Y -97

MAT 3949

39-Y -97

Radionuclide Production Cross Section

