

Program EVALPLOT
(Version 2015-2)

by

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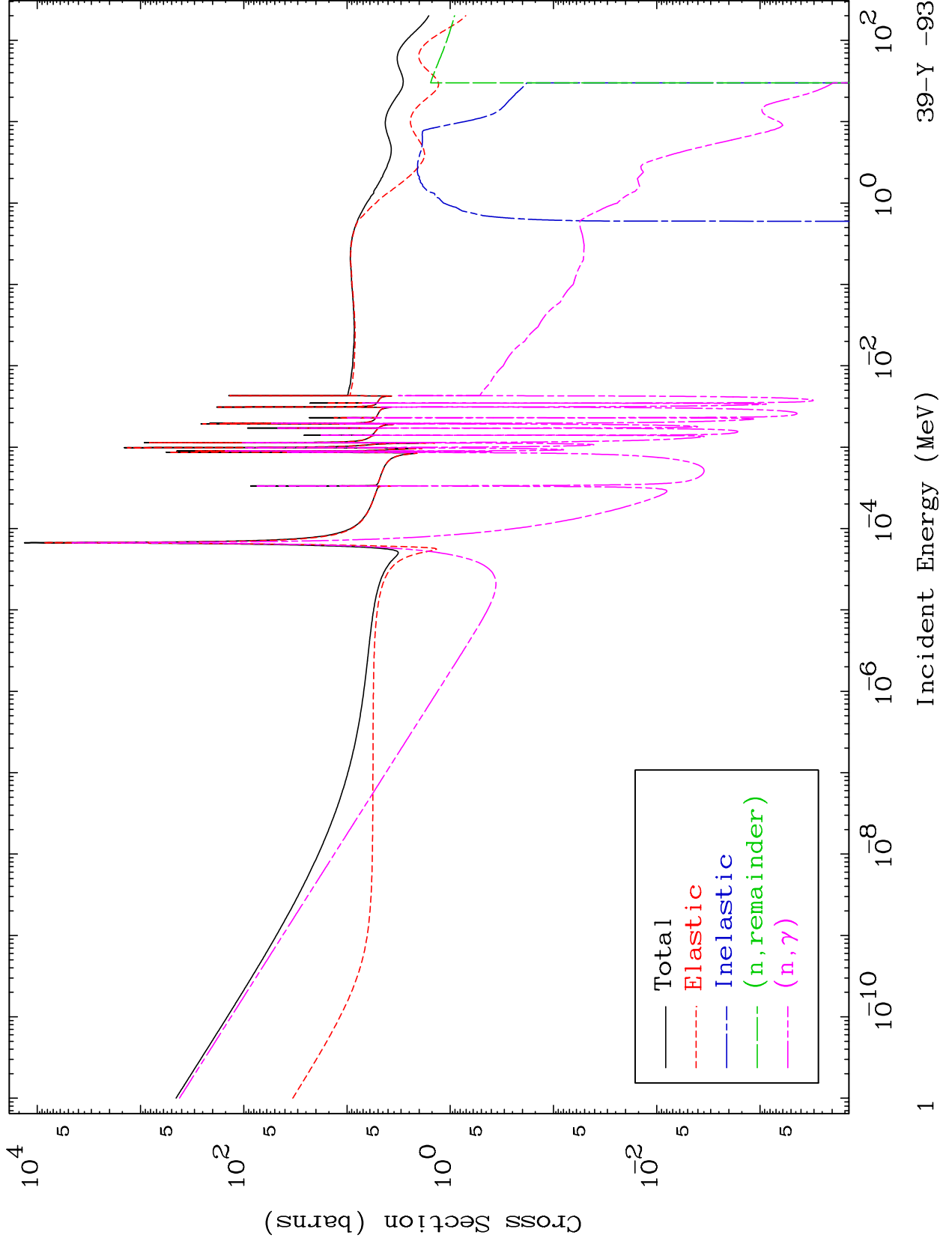
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

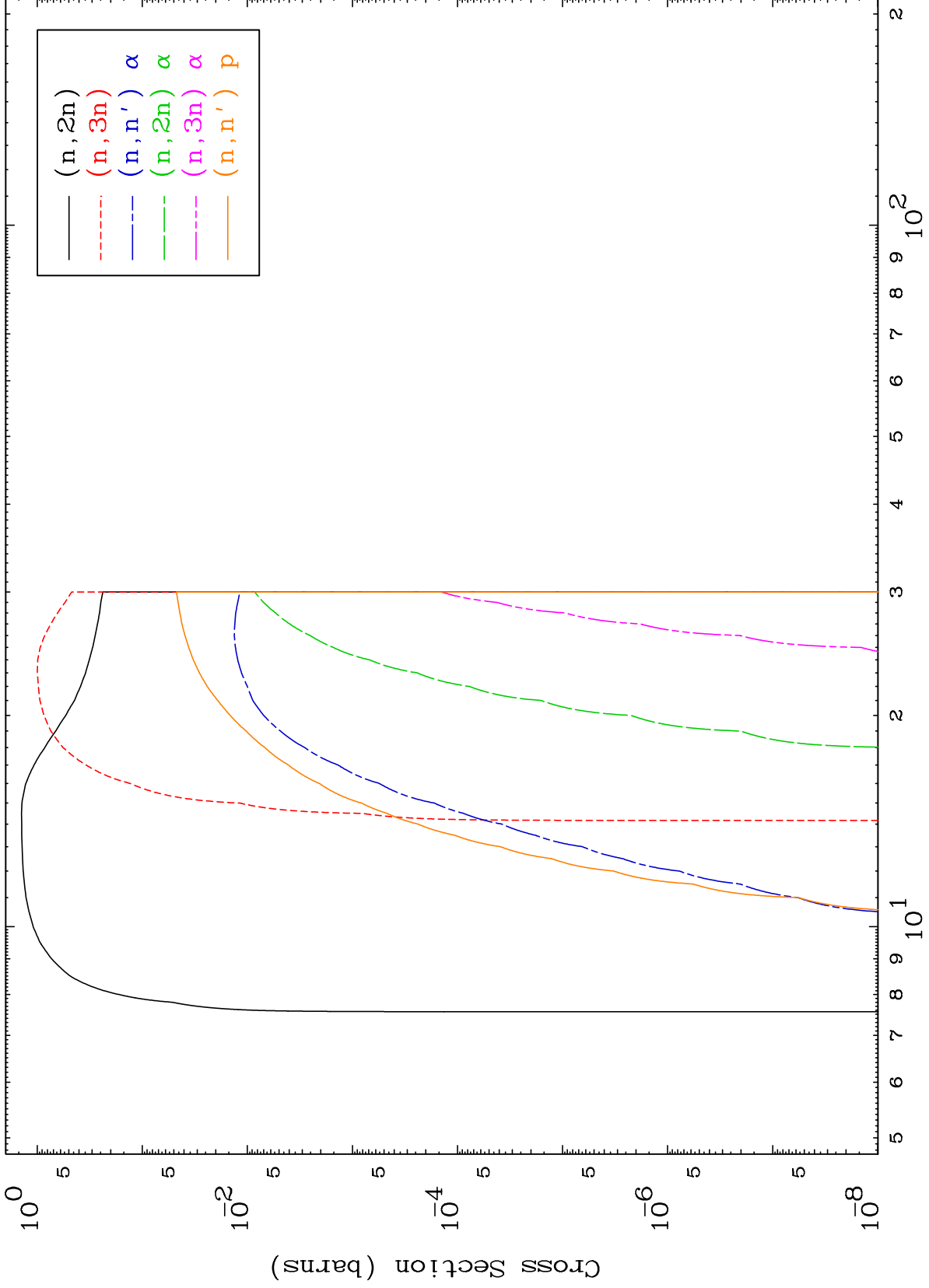
Press Mouse Button to Start

MAT 3937

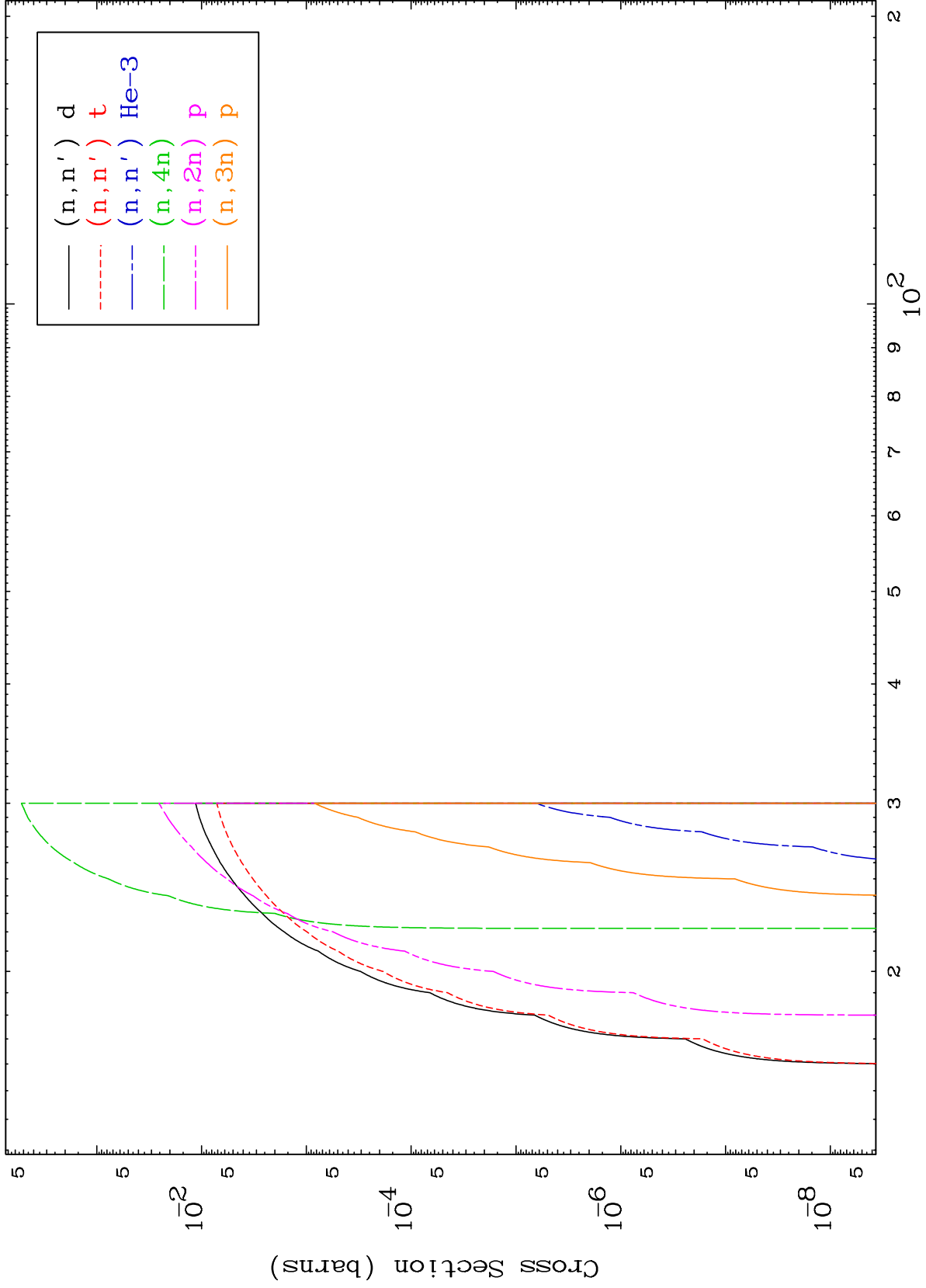
Major
293 Kelvin Cross Sections

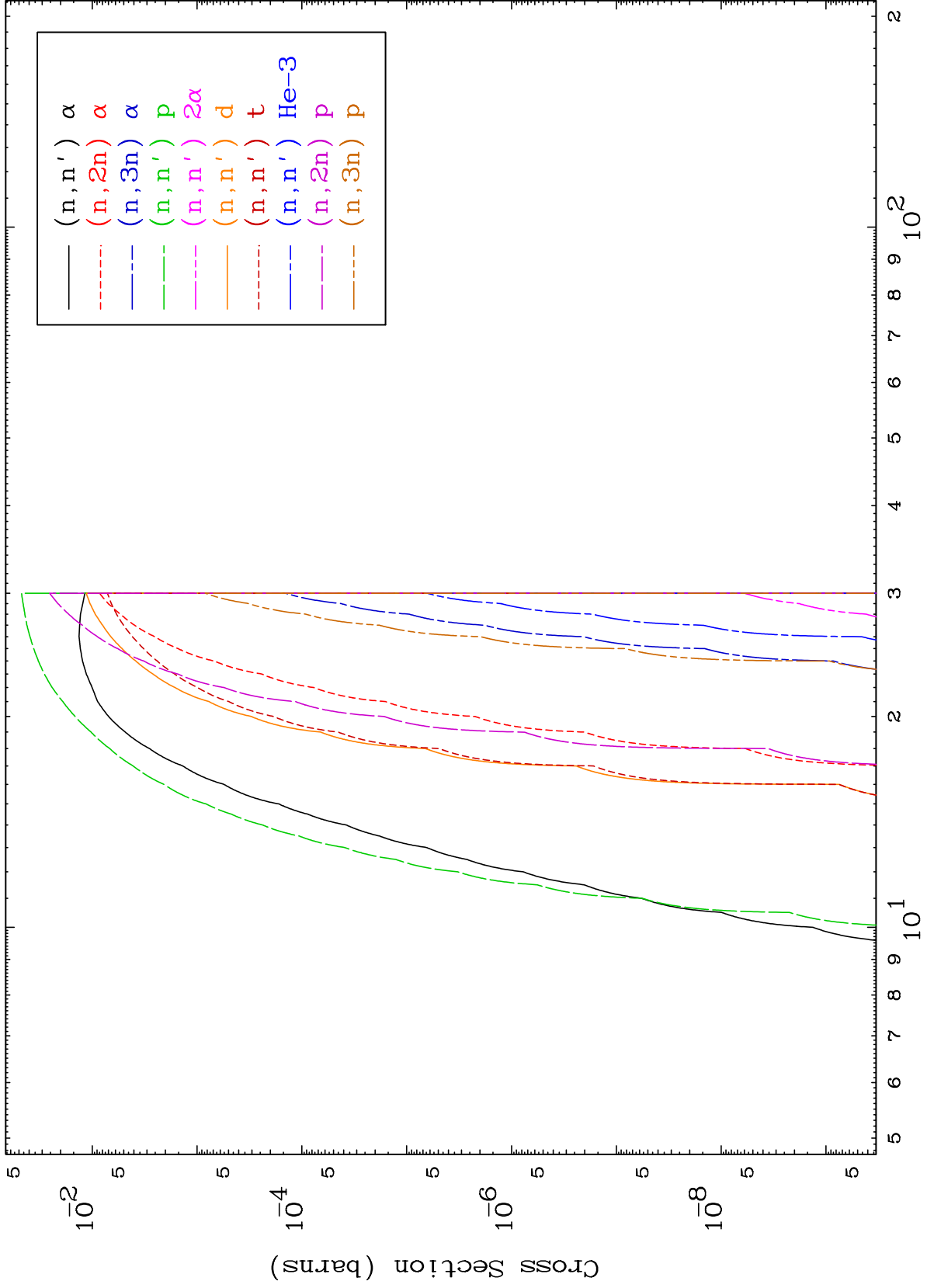
39-Y -93





Neutron Production
293 Kelvin Cross Sections

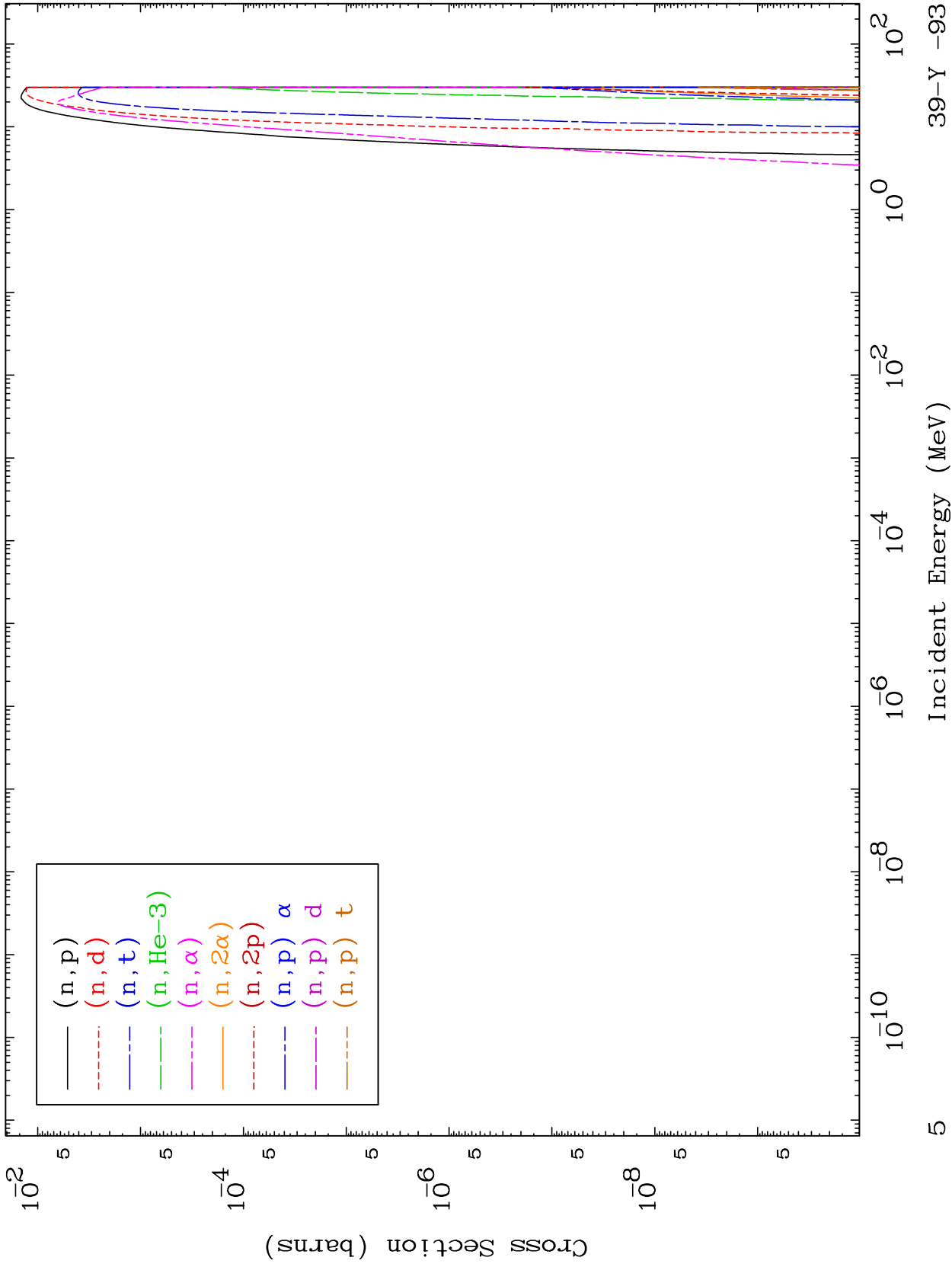




MAT 3937

Charged Particle
293 Kelvin Cross Sections

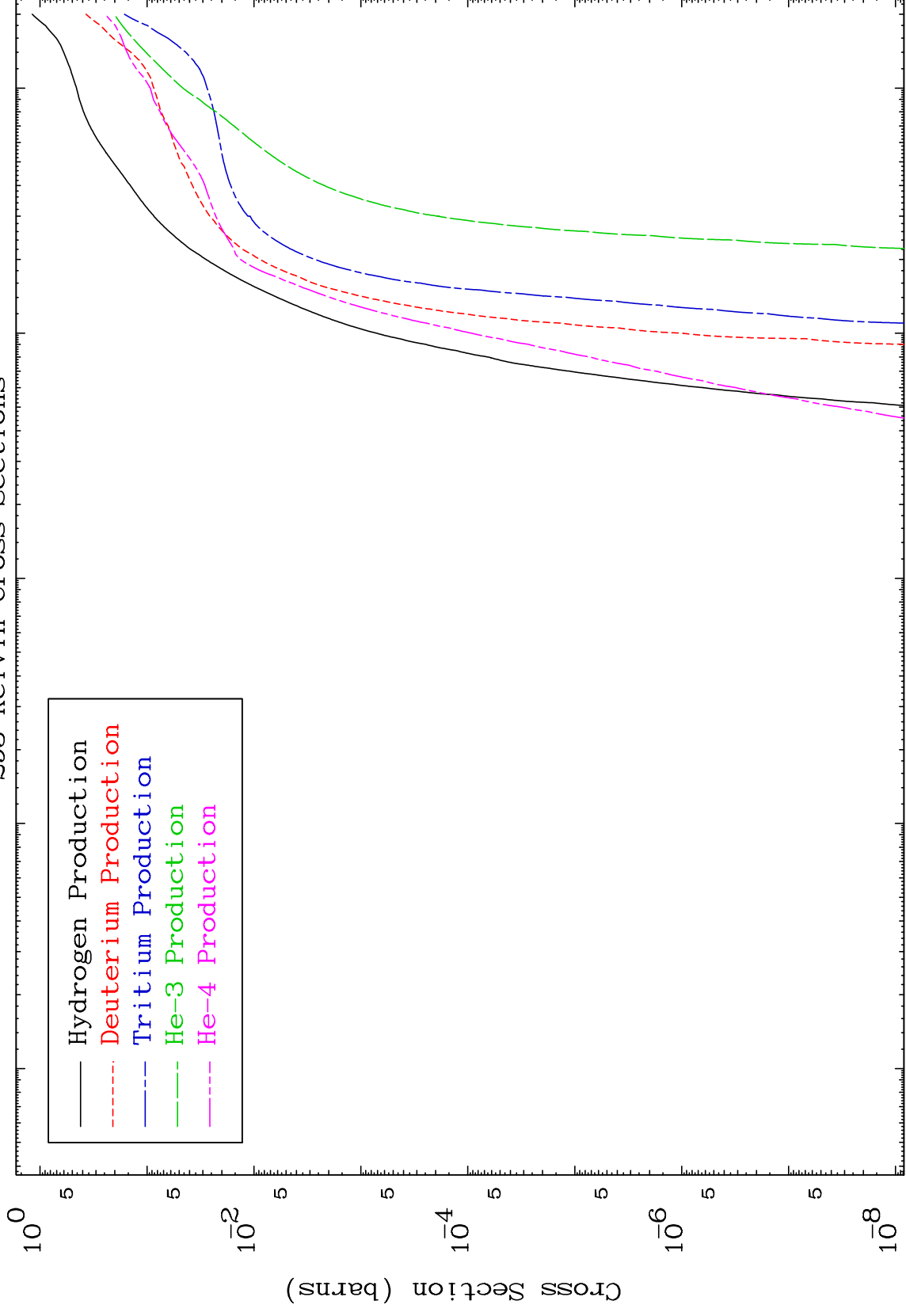
39-Y -93



MAT 3937

Particle Production
293 Kelvin Cross Sections

39-Y -93



39-Y -93

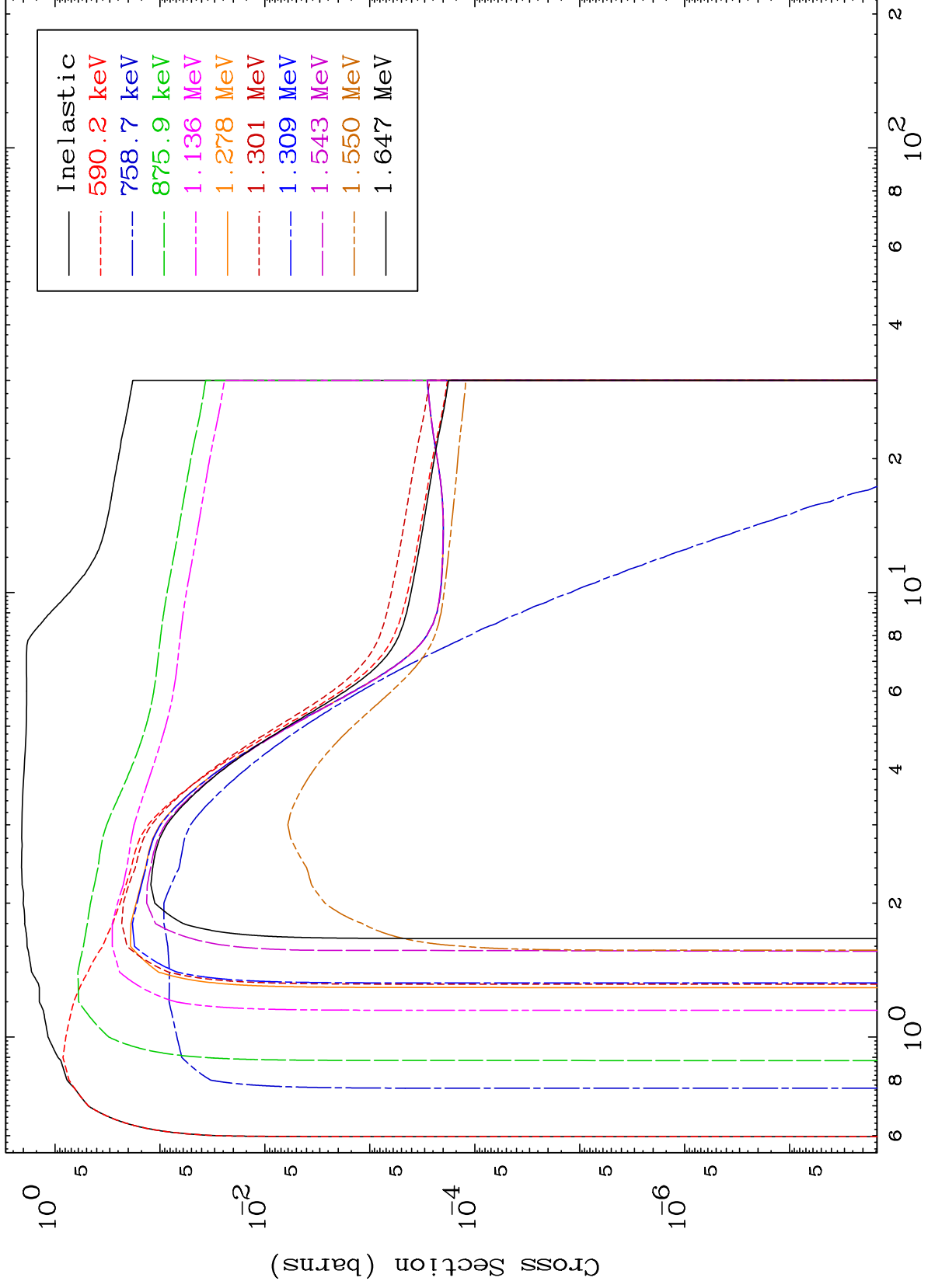
Incident Energy (MeV)

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MAT 3937

(n,n') Level
293 Kelvin Cross Sections

39-Y -93



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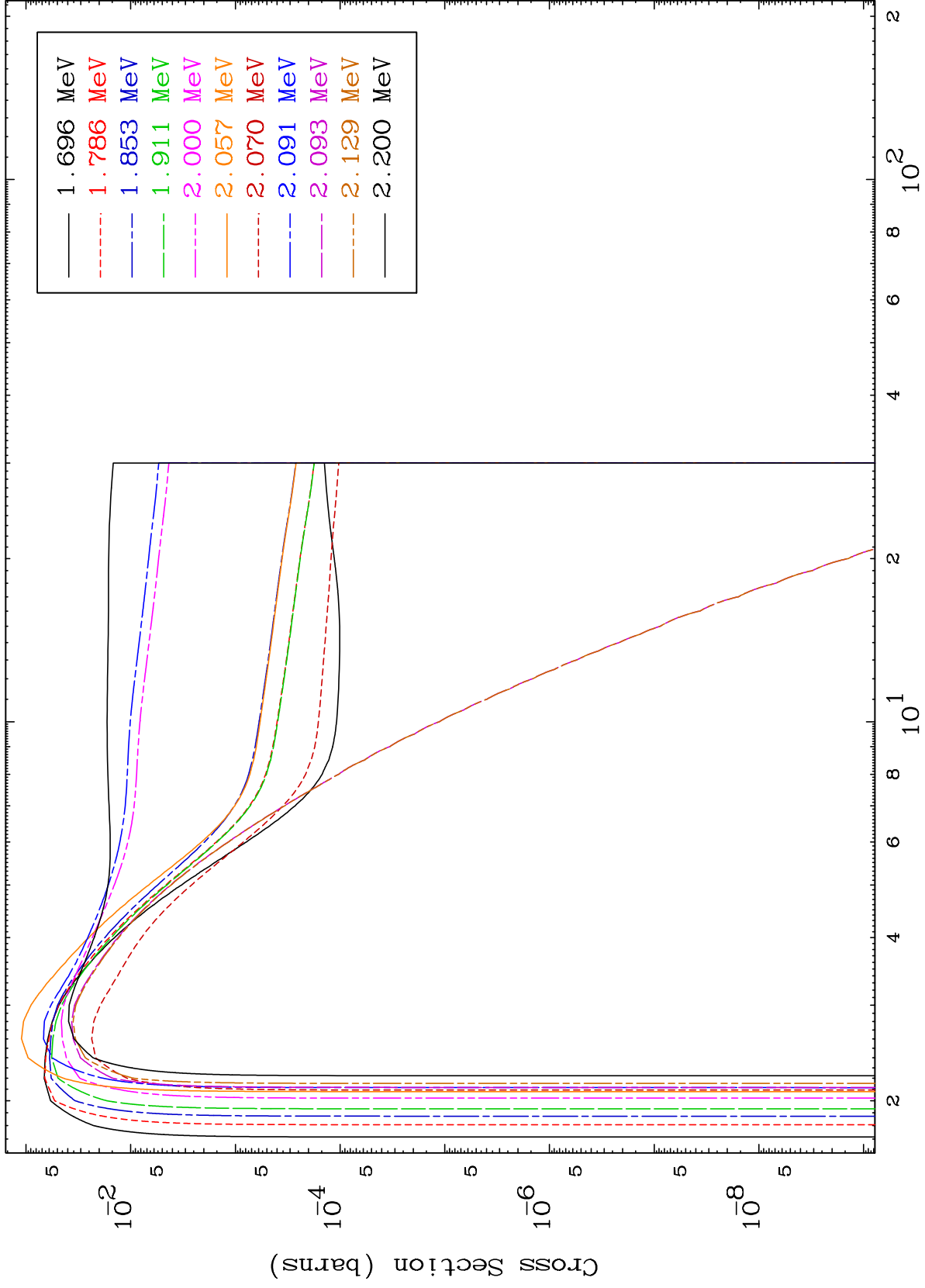
Incident Energy (MeV)

39-Y -93

MAT 3937

(n,n') Level
293 Kelvin Cross Sections

39-Y -93

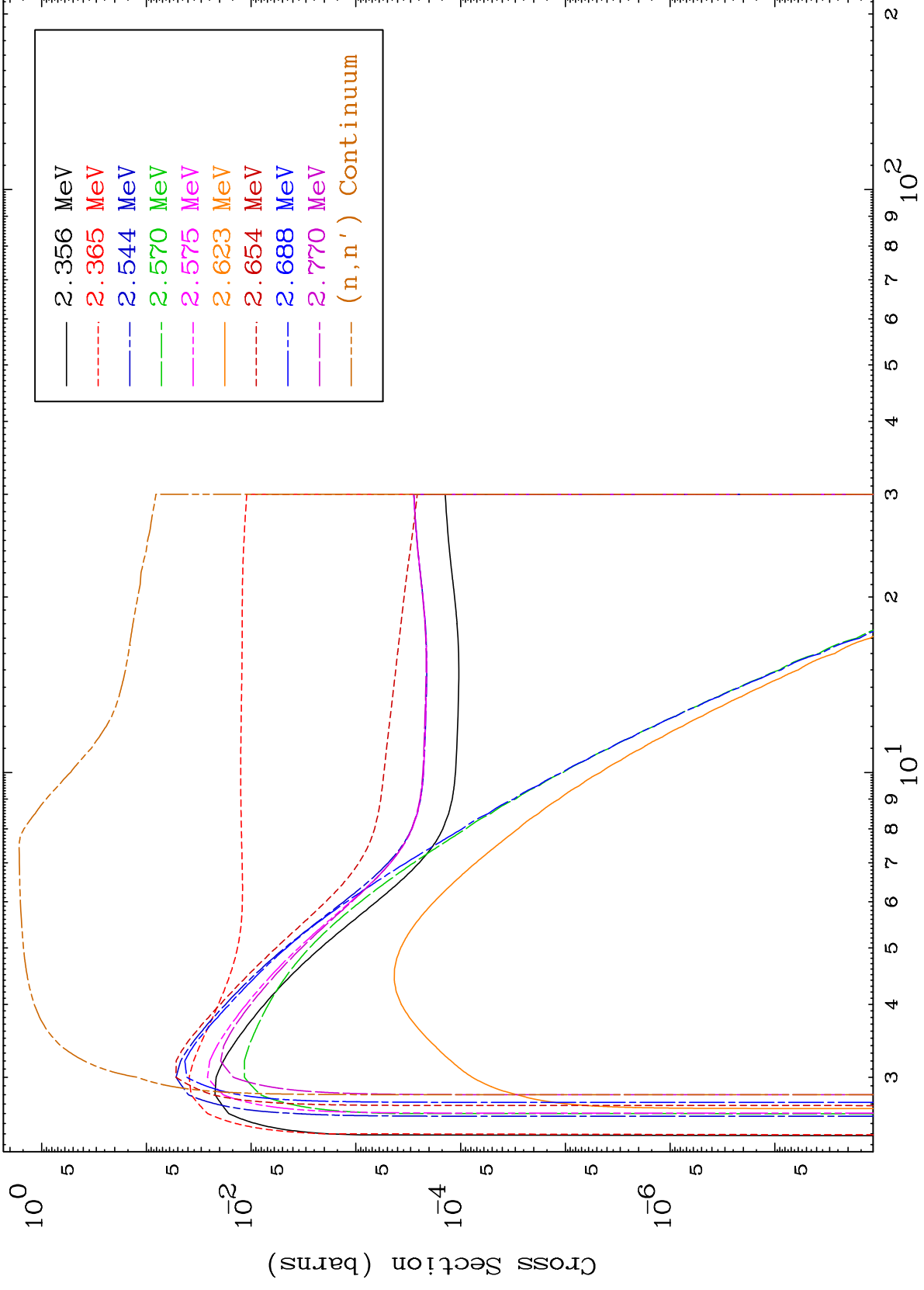


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Incident Energy (MeV)

39-Y -93

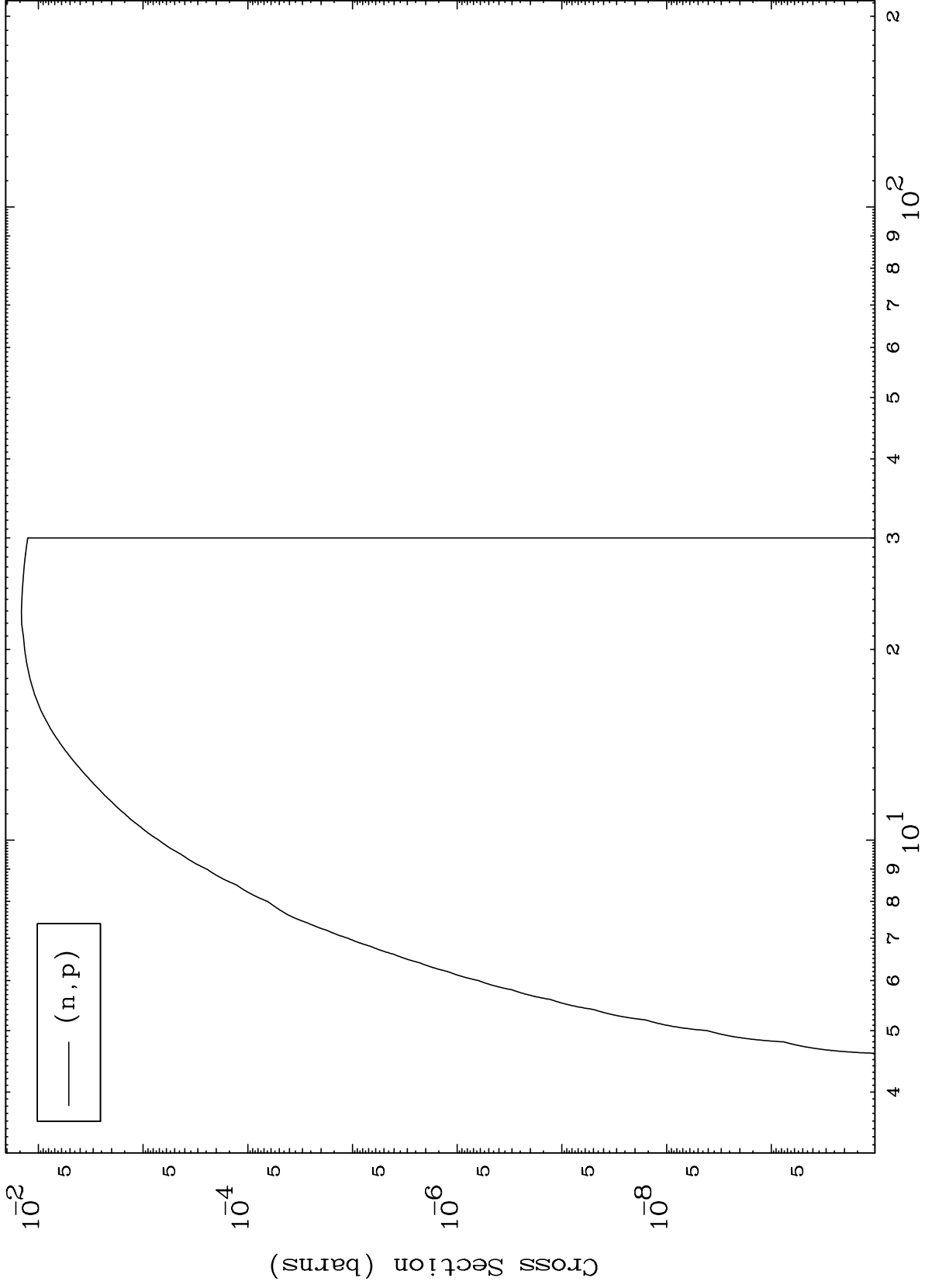
293 Kelvin Cross Sections



MAT 3937

(n,p) Levels
293 Kelvin Cross Sections

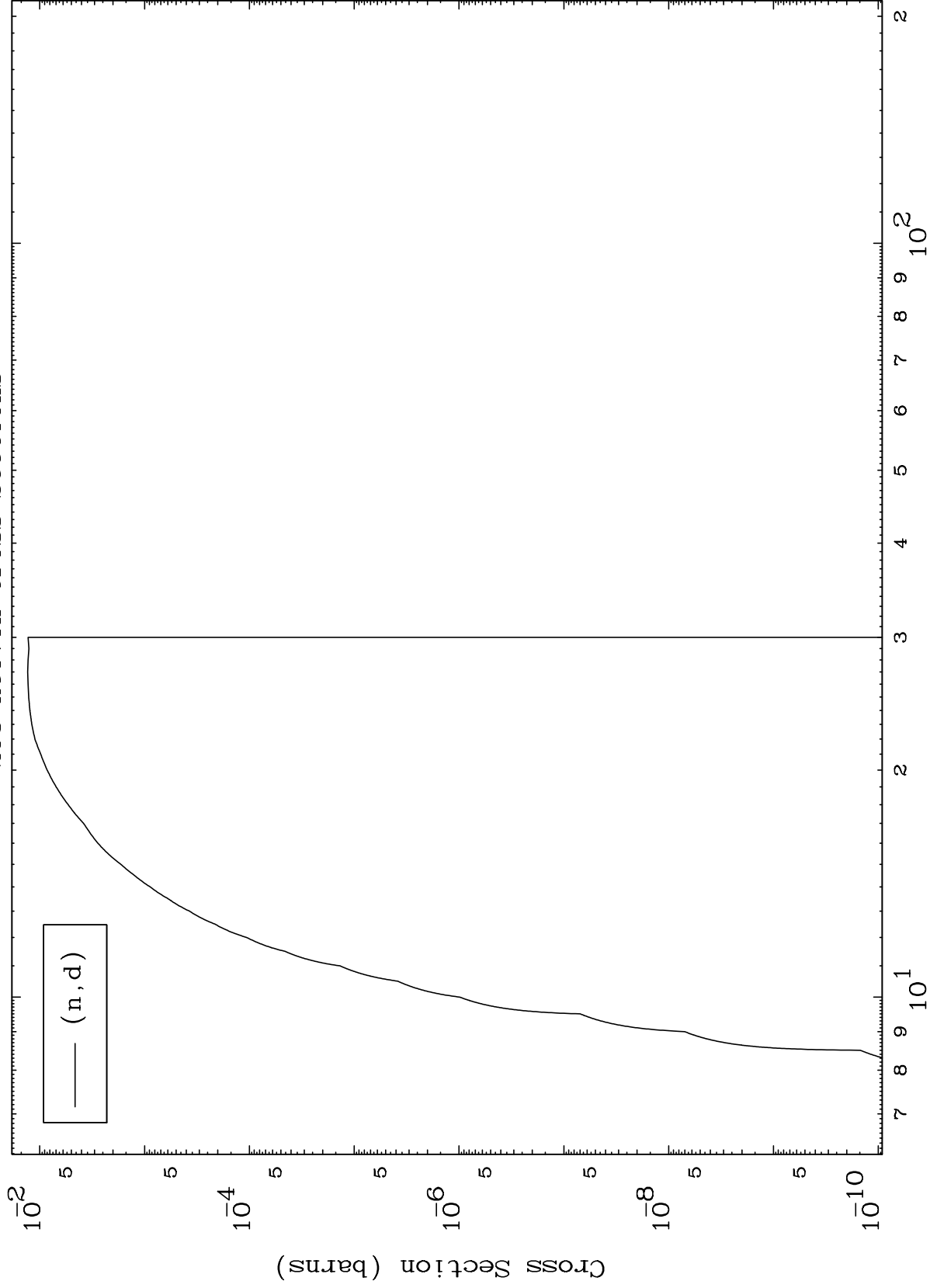
39-Y -93



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Incident Energy (MeV)

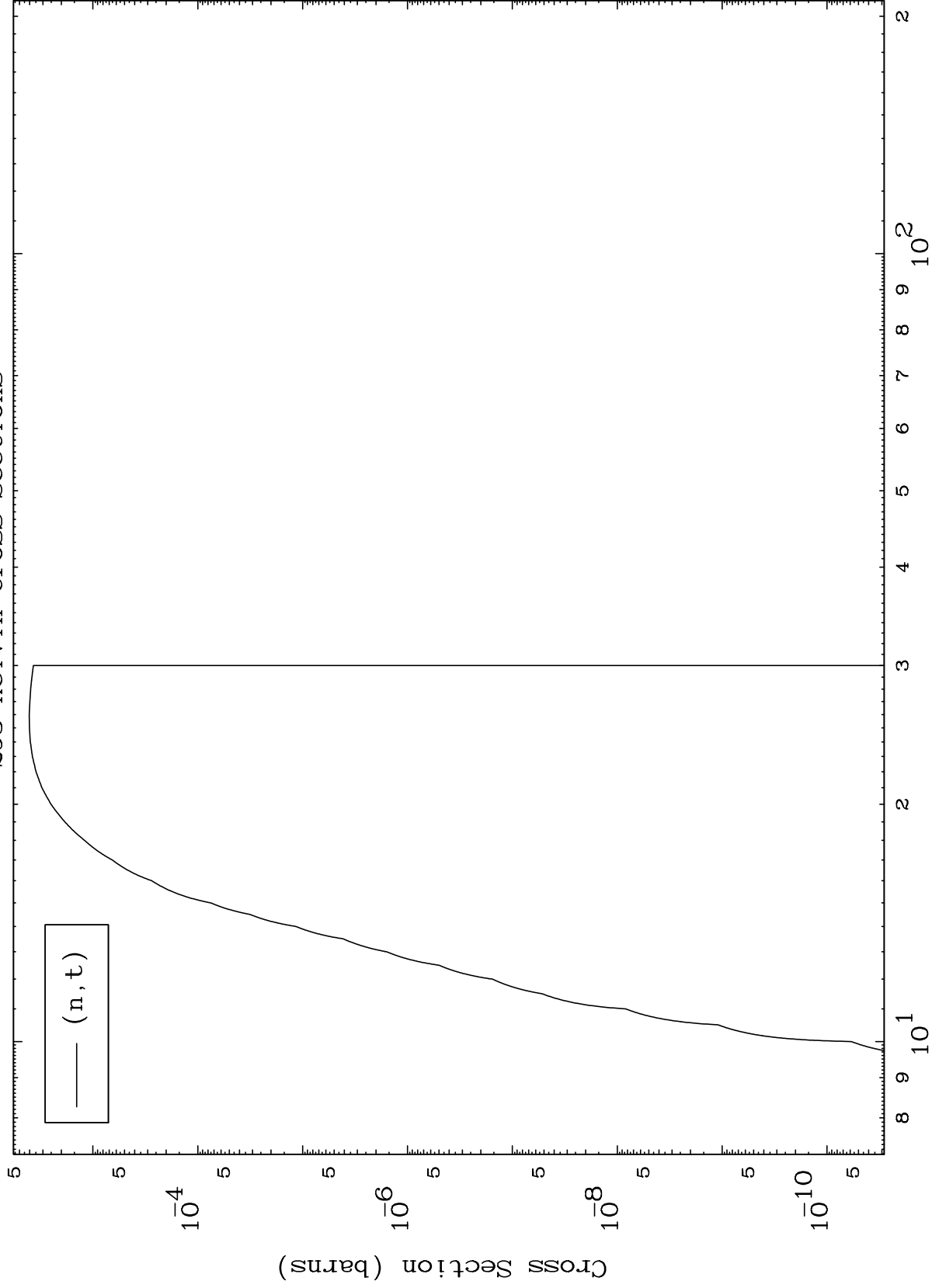
39-Y -93



MAT 3937

(n,t) Levels
293 Kelvin Cross Sections

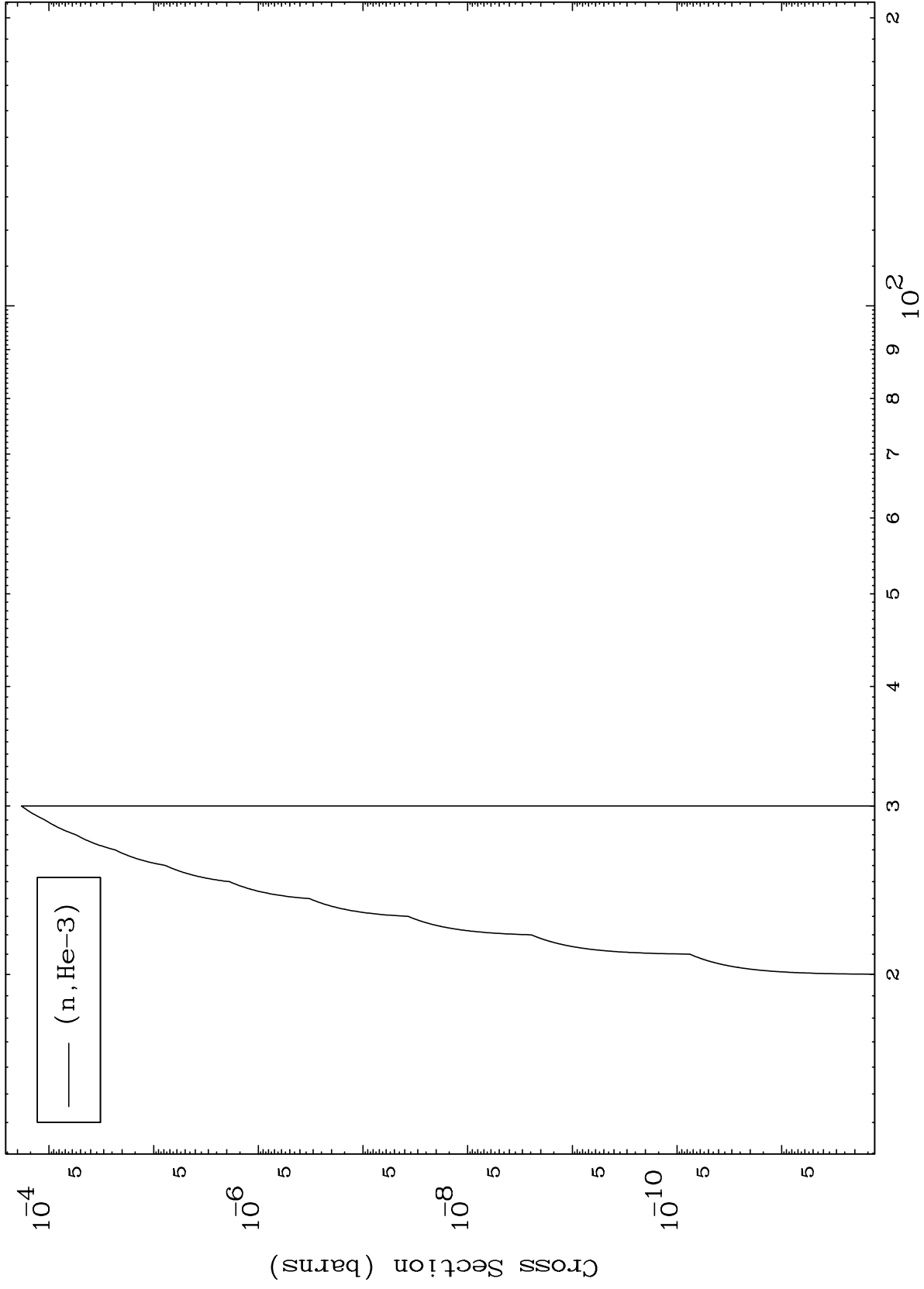
39-Y -93



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Incident Energy (MeV)

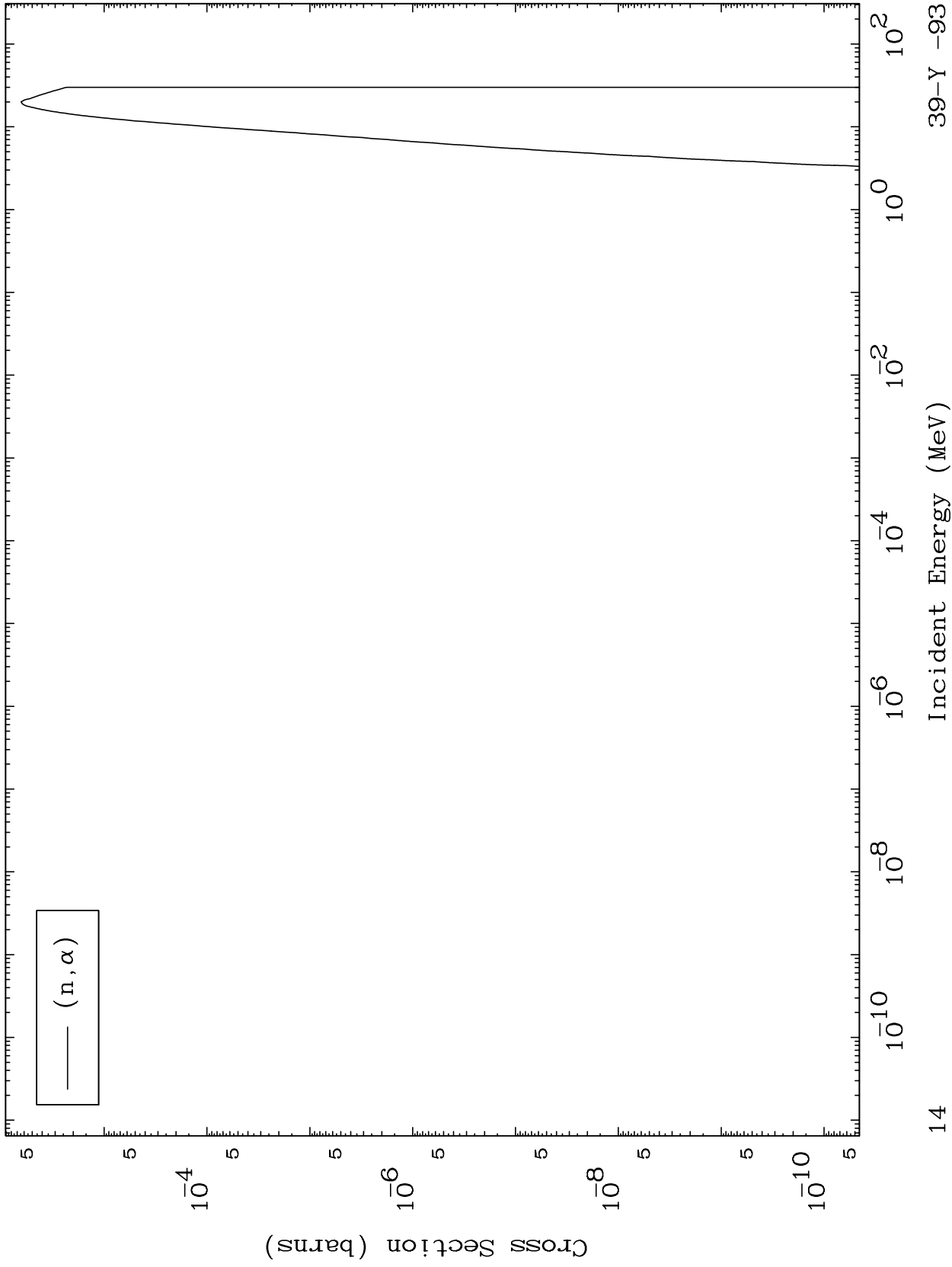
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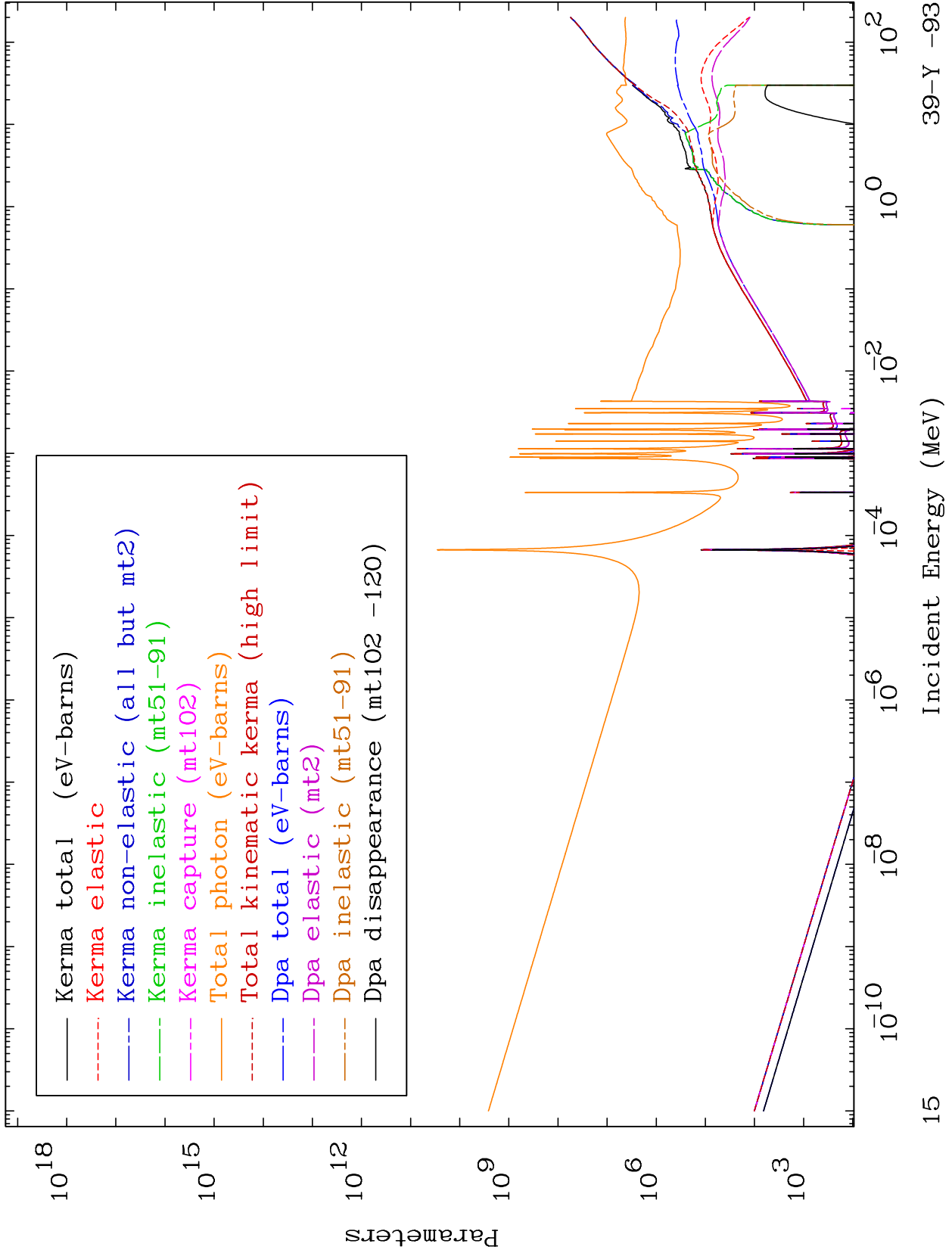


MAT 3937

(n, α) Levels
293 Kelvin Cross Sections

39-Y -93

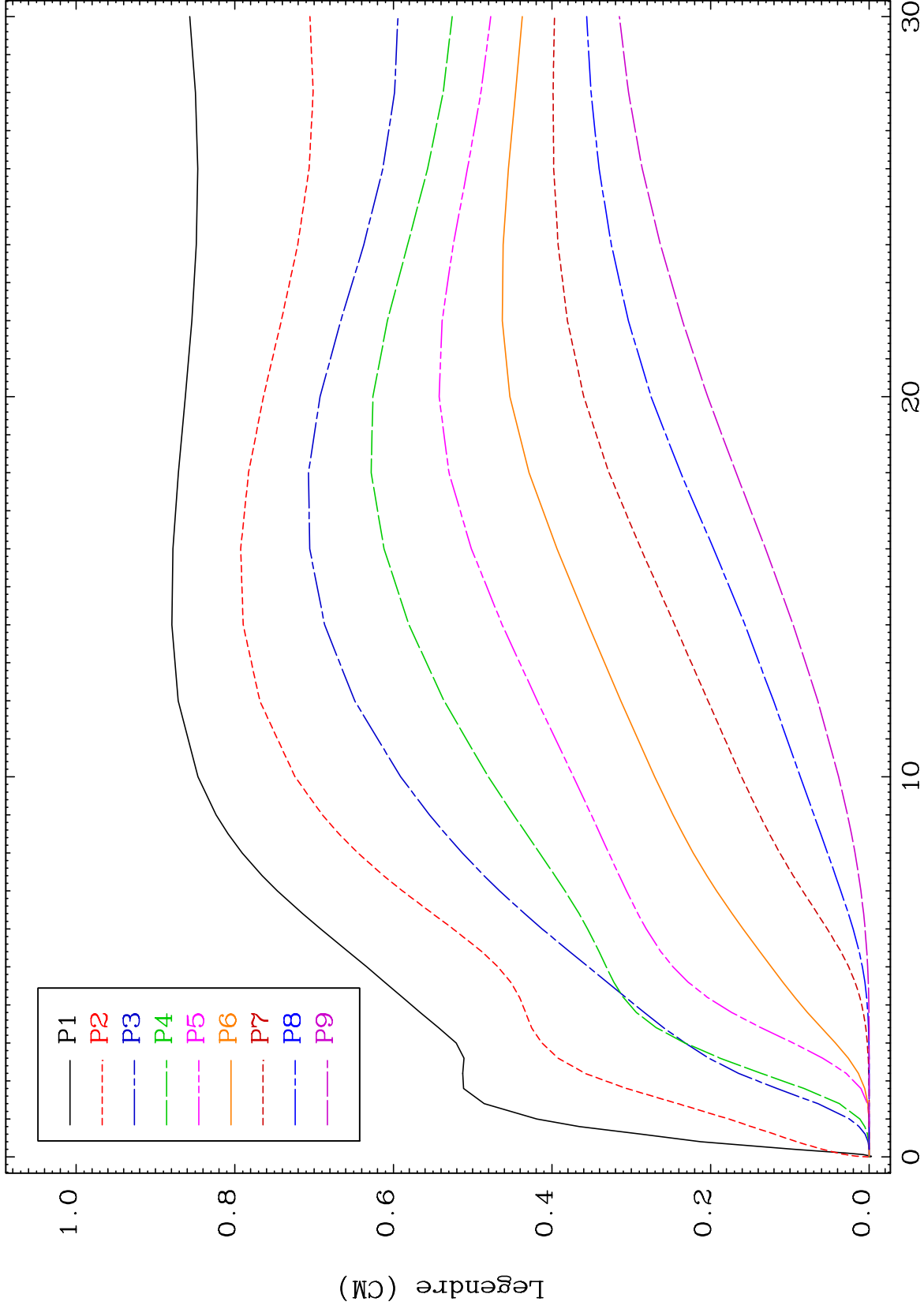




MAT 3937

Elastic Legendre Coefficients

39-Y -93



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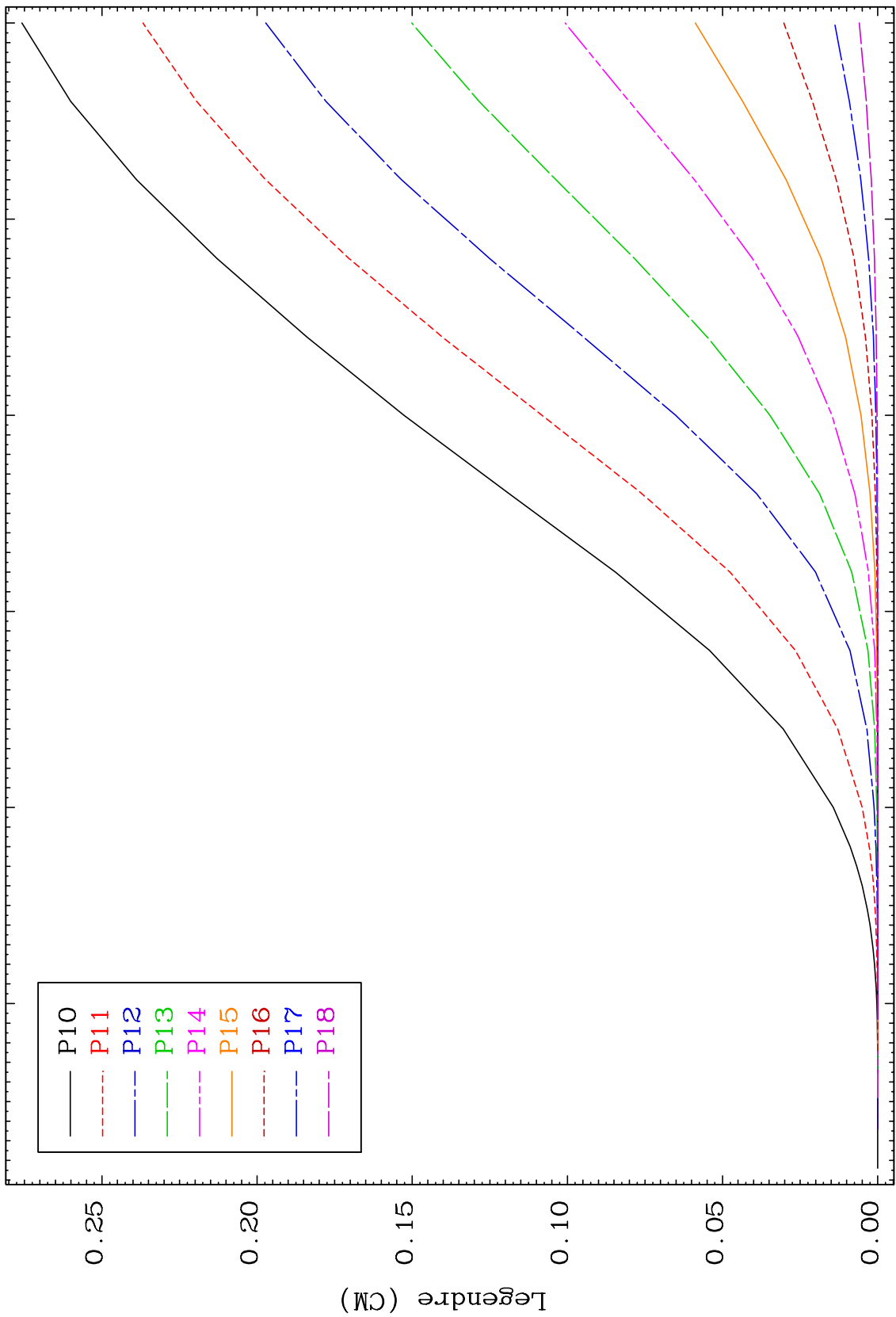
Incident Energy (MeV)

39-Y -93

MAT 3937

Elastic Legendre Coefficients

39-Y -93



17

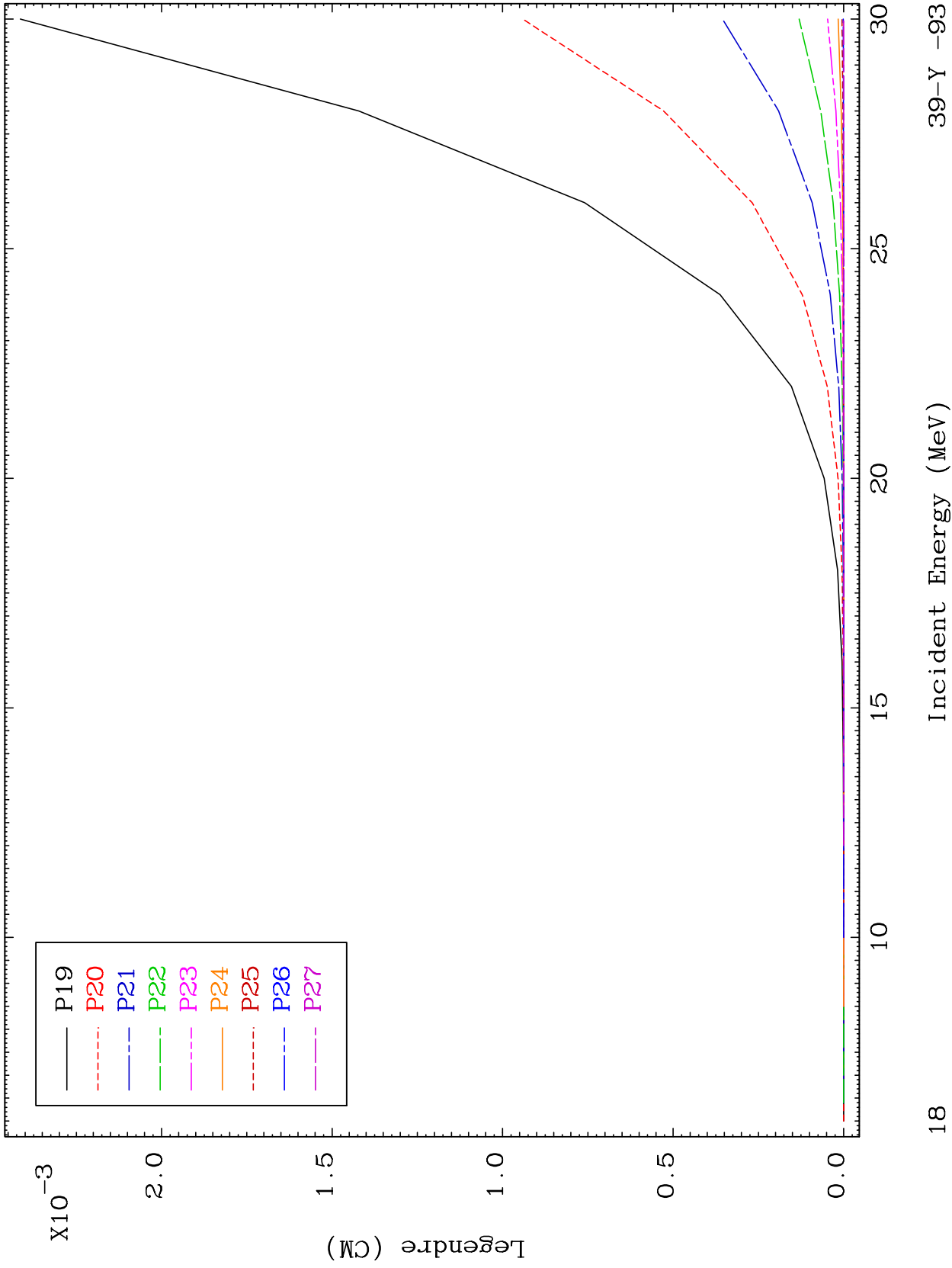
Incident Energy (MeV)

39-Y -93

MAT 3937

Elastic Legendre Coefficients

39-Y -93



18

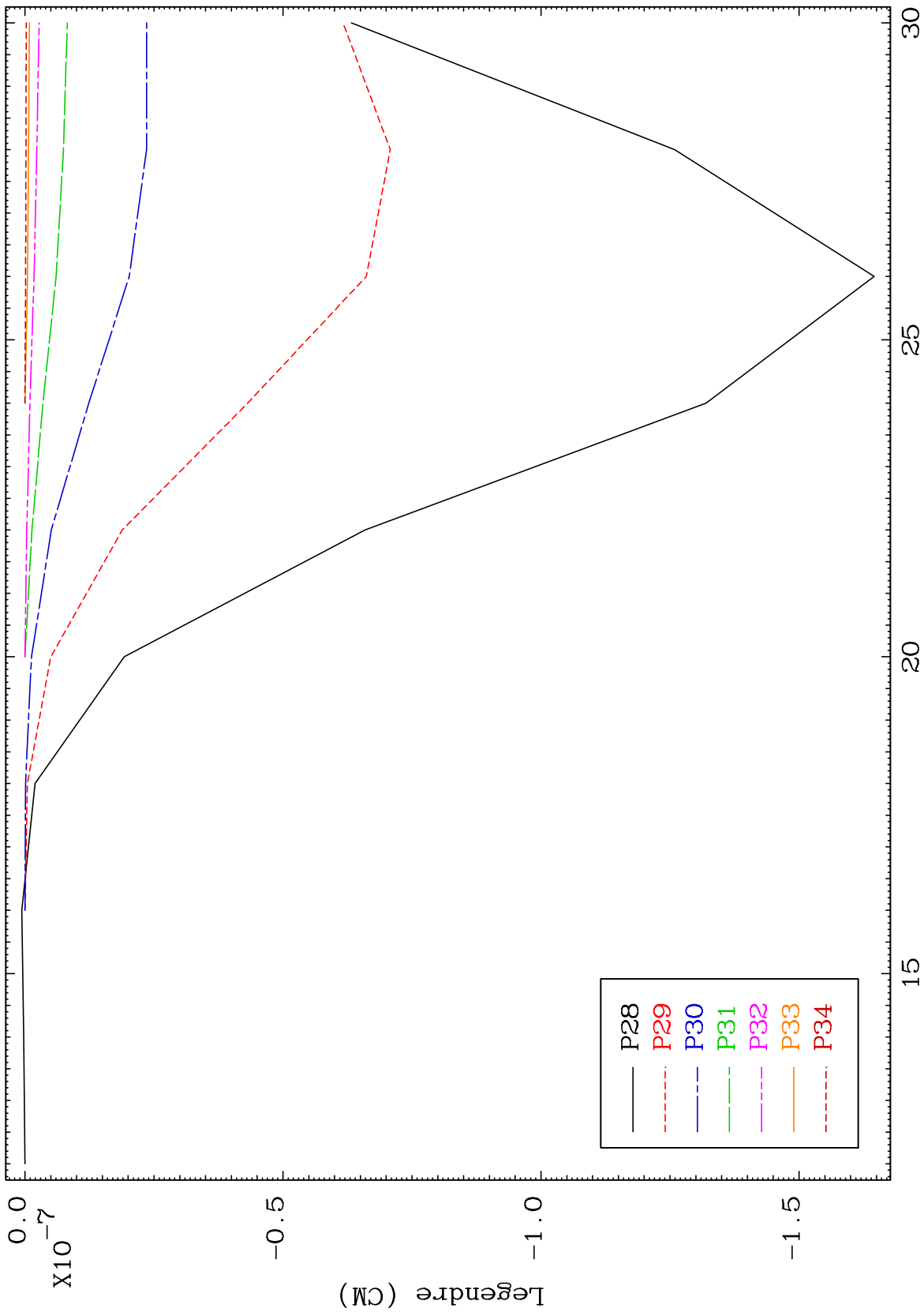
Incident Energy (MeV)

39-Y -93

MAT 3937

39-Y -93

Elastic Legendre Coefficients



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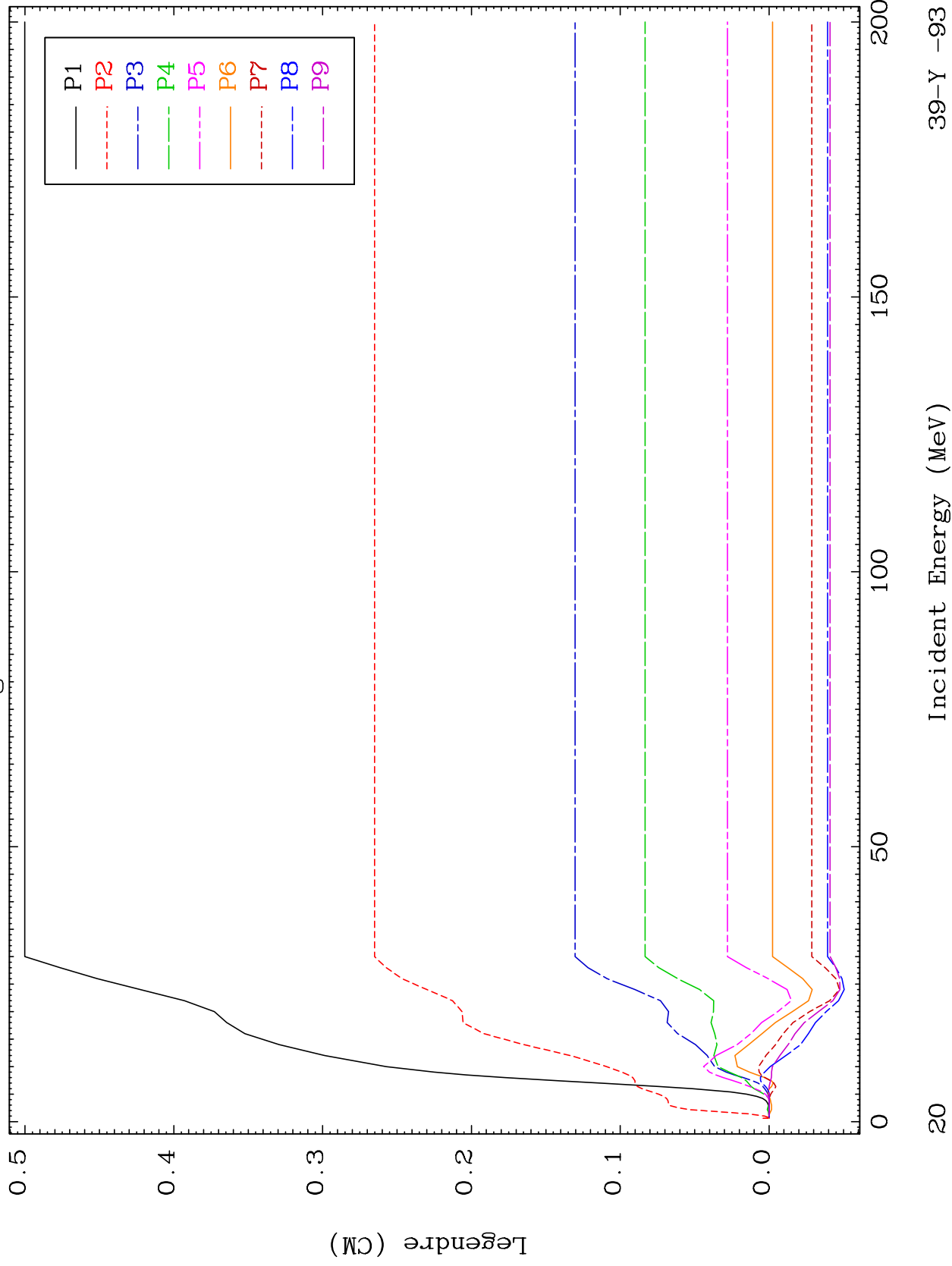
Incident Energy (MeV)

39-Y -93

MAT 3937

590.2 keV (n,n') Level
Legendre Coefficients

39-Y -93

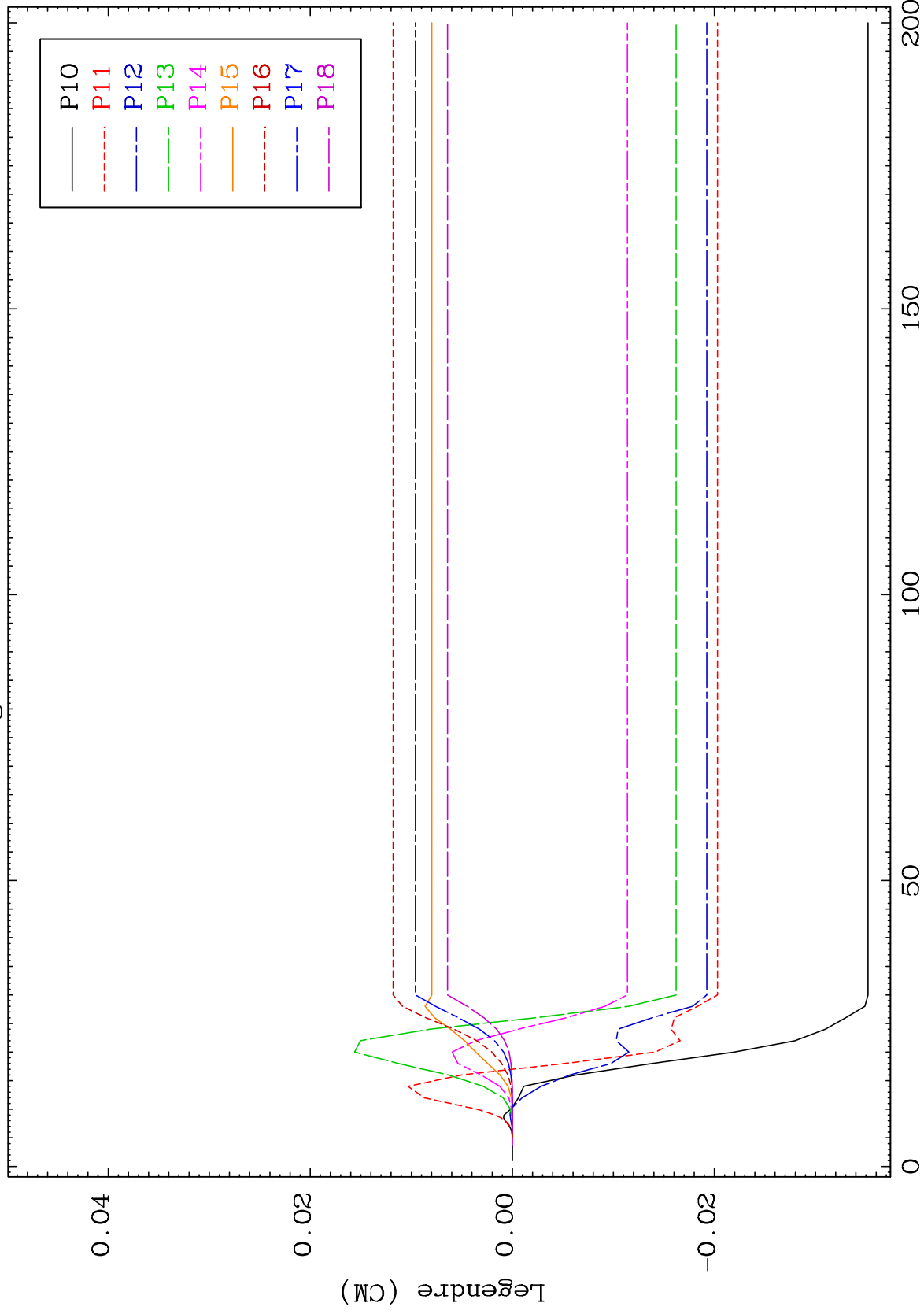


39-Y -93

MAT 3937

590.2 keV (n,n') Level
Legendre Coefficients

39-Y -93



21

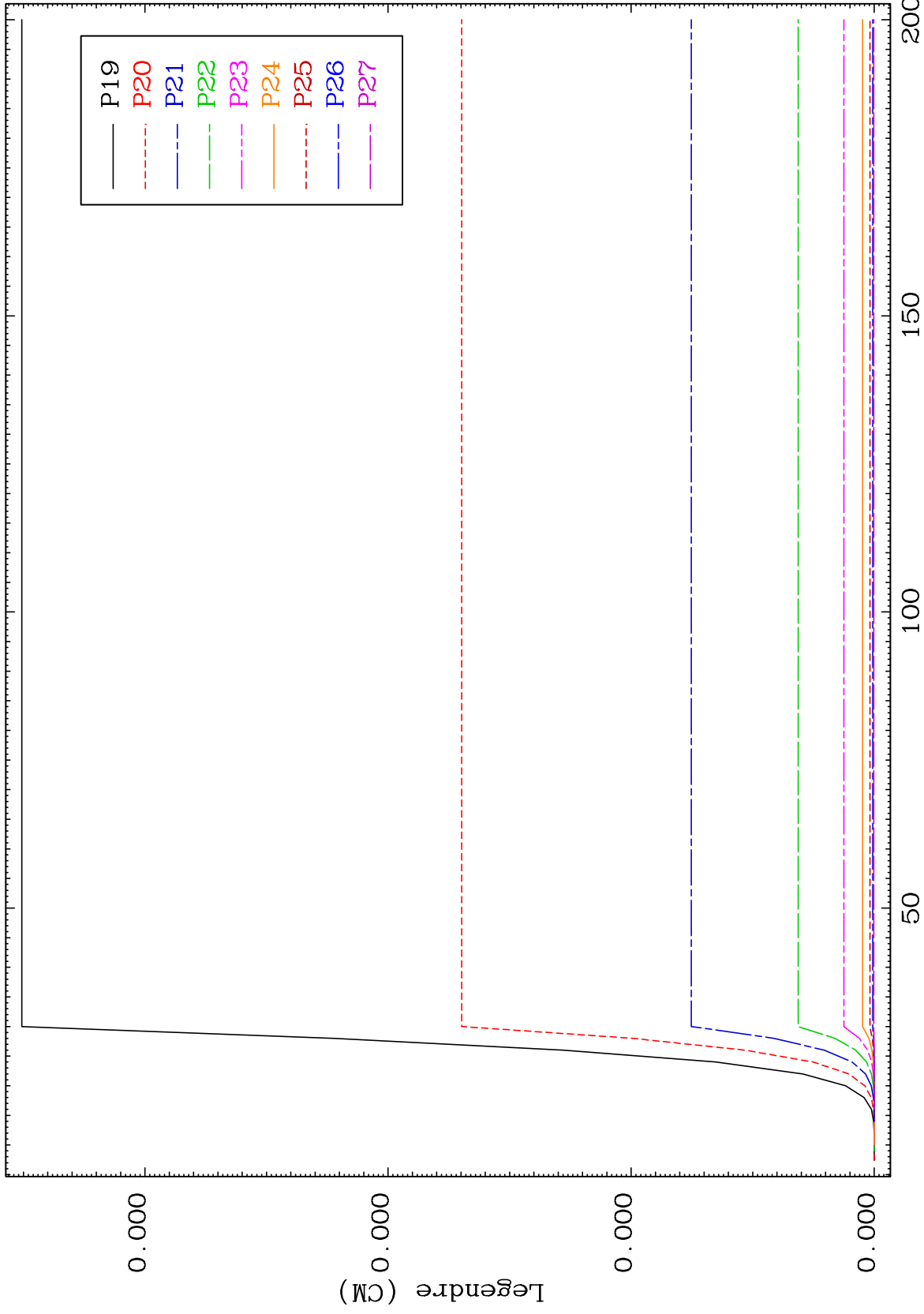
Incident Energy (MeV)

39-Y -93

MAT 3937

590.2 keV (n,n') Level
Legendre Coefficients

39-Y -93



22

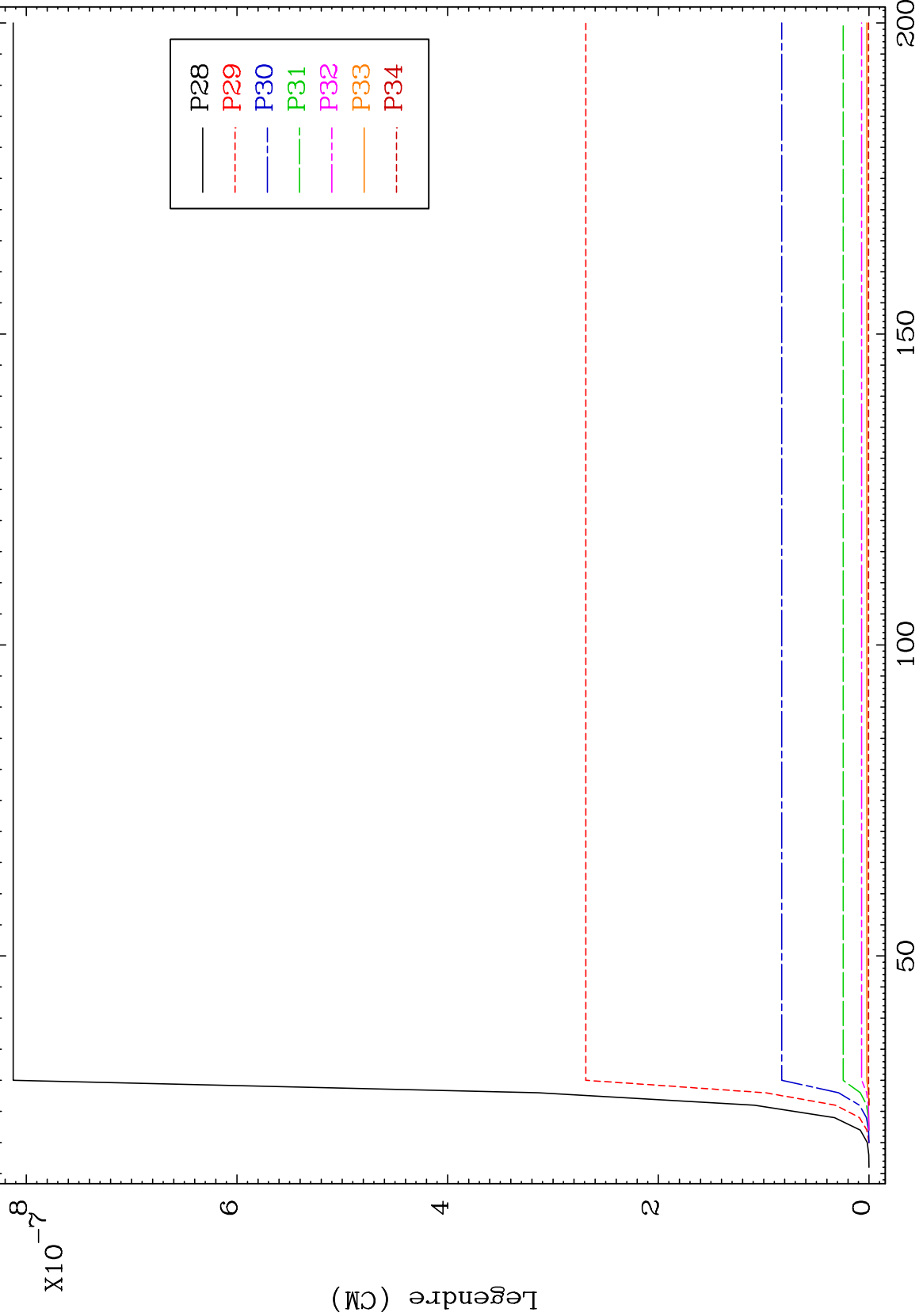
Incident Energy (MeV)

39-Y -93

MAT 3937

590.2 keV (n,n') Level
Legendre Coefficients

39-Y -93



23

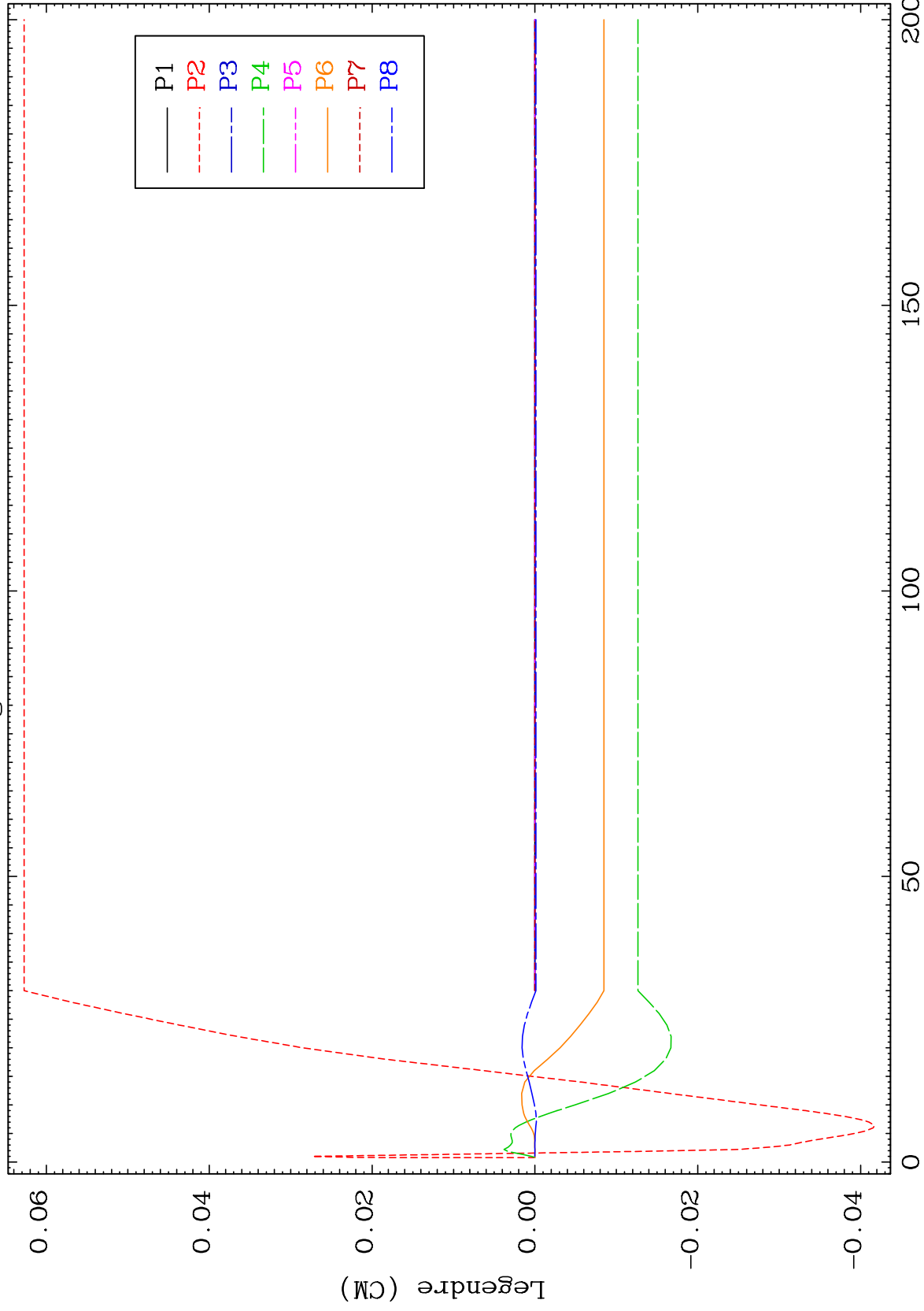
Incident Energy (MeV)

39-Y -93

MAT 3937

758.7 keV (n,n') Level
Legendre Coefficients

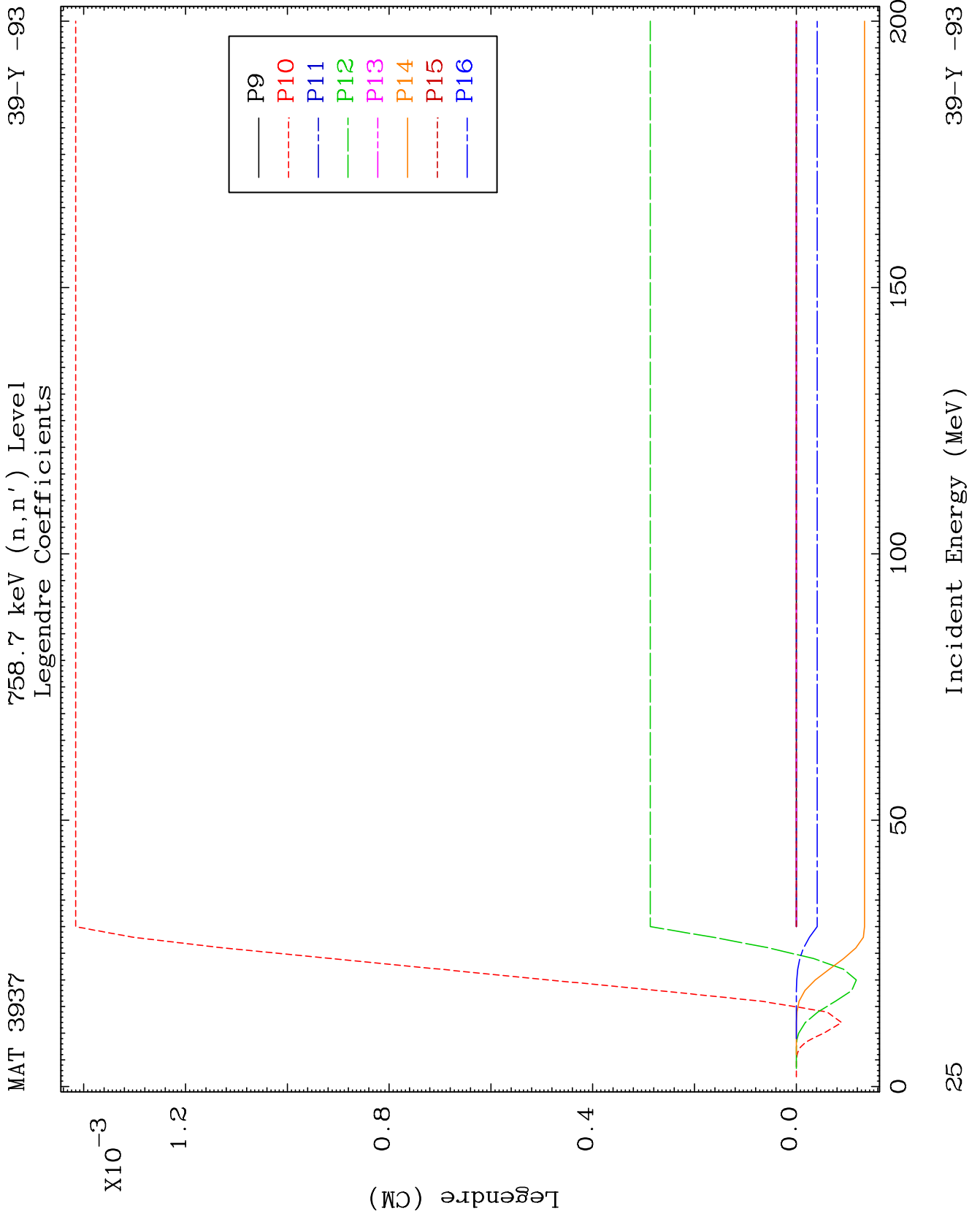
39-Y -93

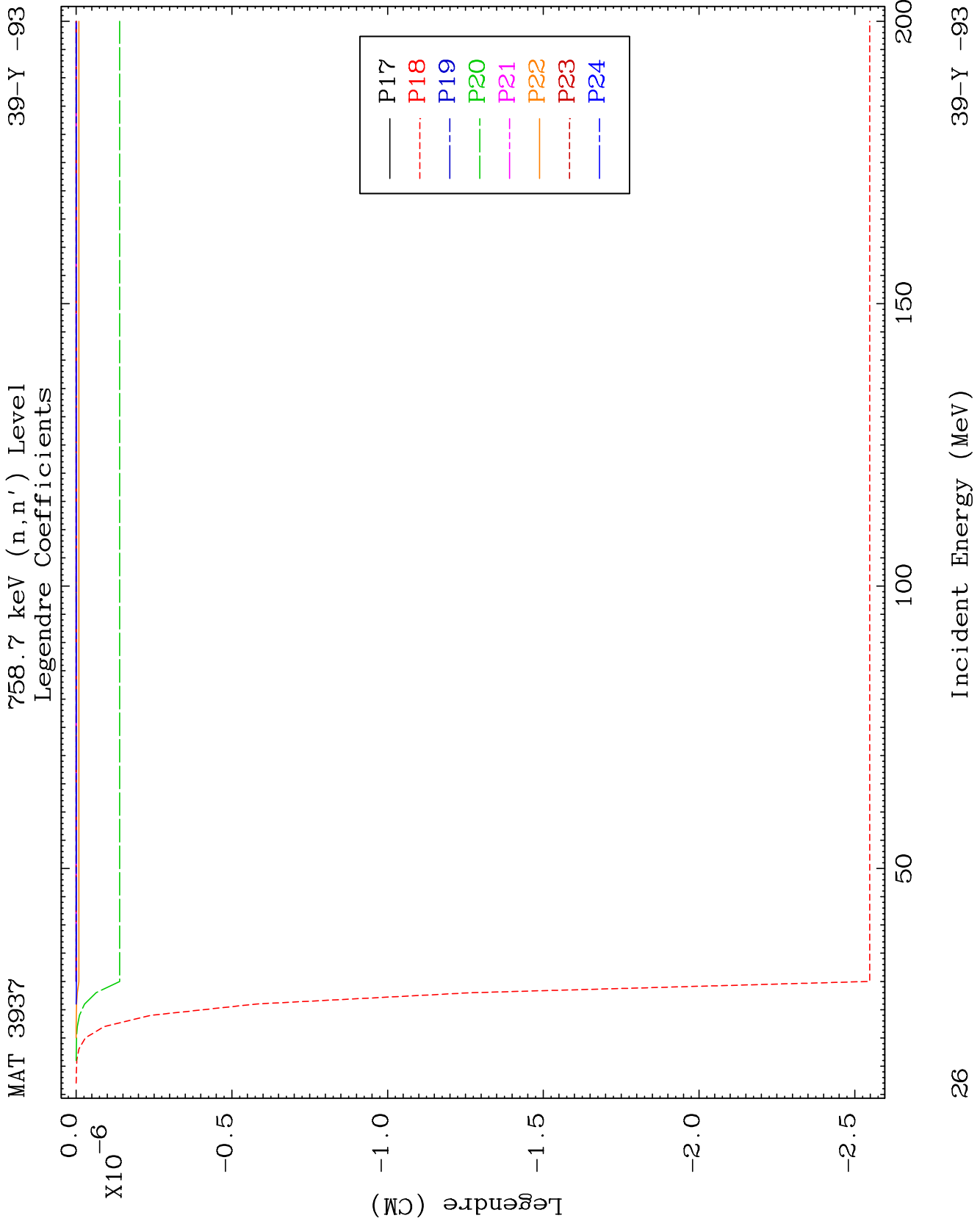


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Incident Energy (MeV)

39-Y -93

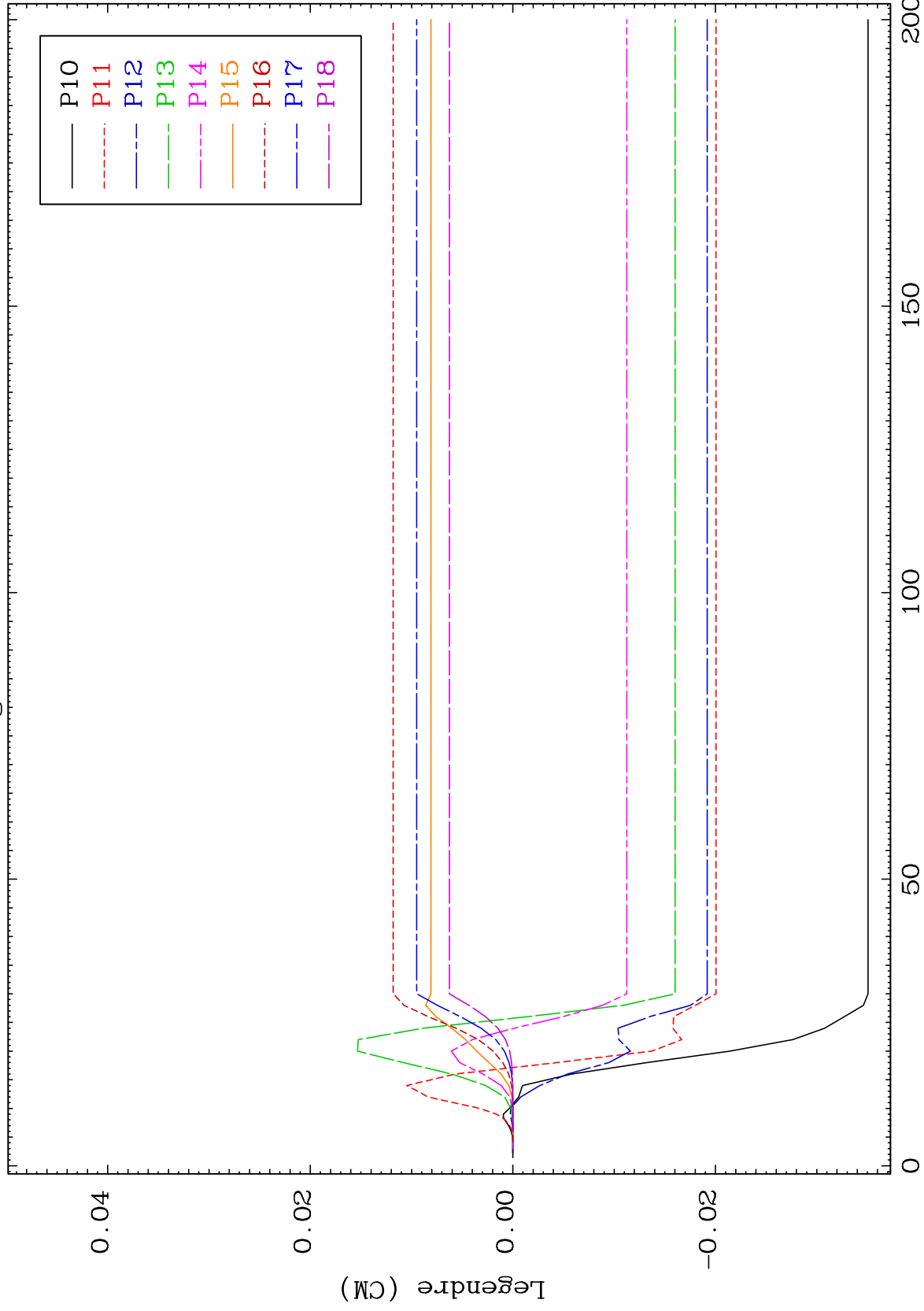




MAT 3937

875.9 keV (n,n') Level
Legendre Coefficients

39-Y -93



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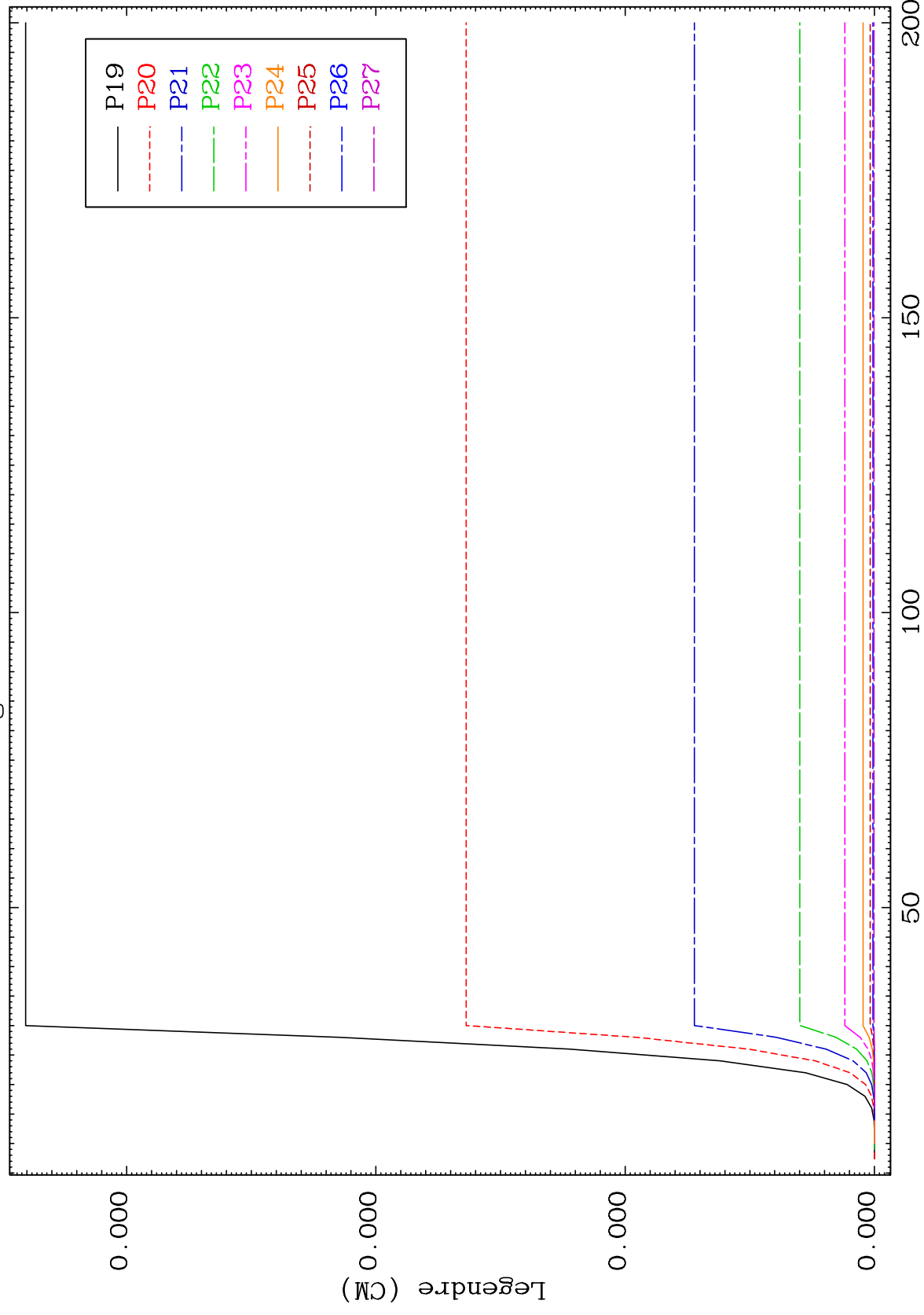
Incident Energy (MeV)

39-Y -93

MAT 3937

875.9 keV (n,n') Level
Legendre Coefficients

39-Y -93



29

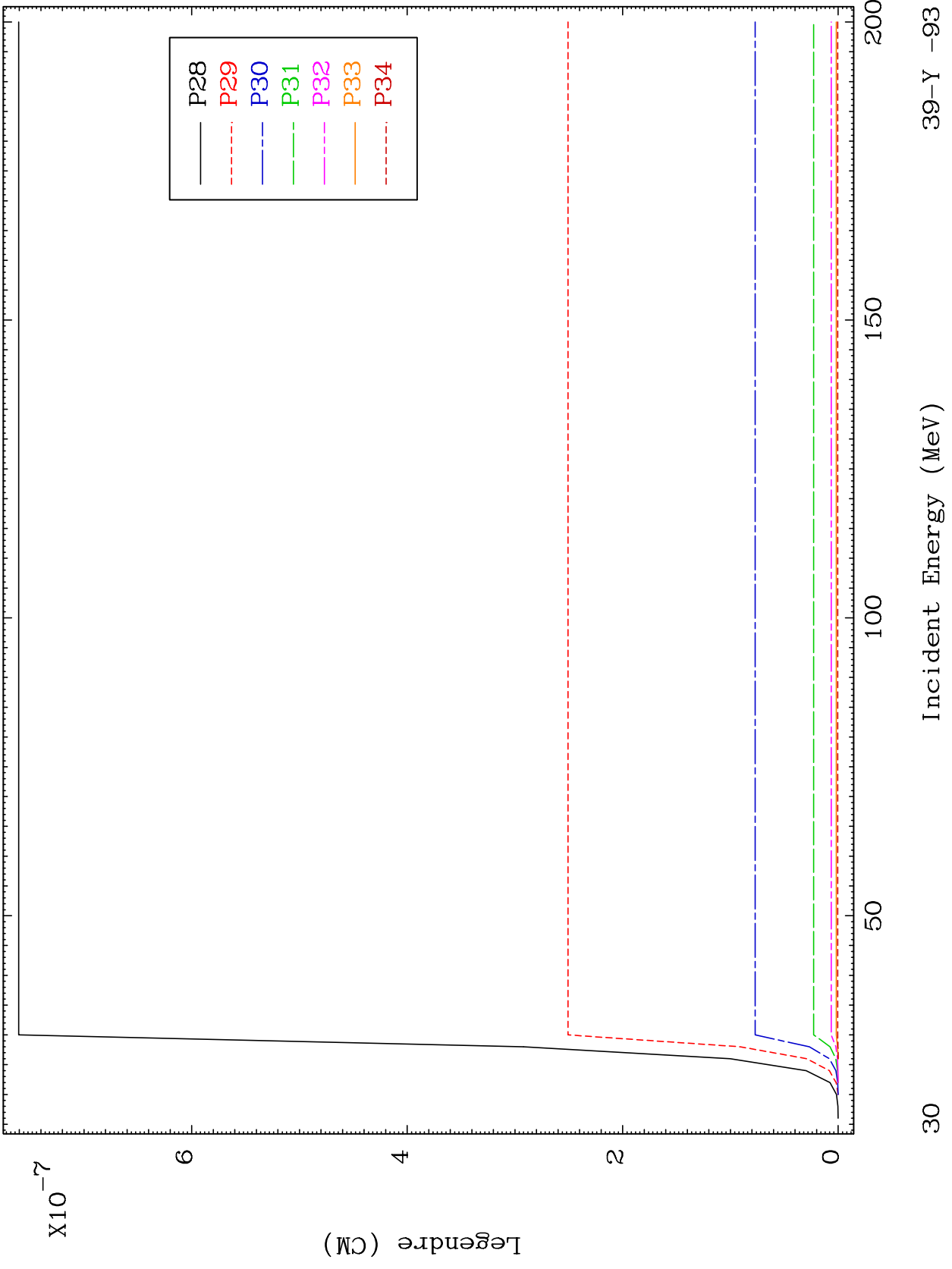
Incident Energy (MeV)

39-Y -93

MAT 3937

875.9 keV (n,n') Level
Legendre Coefficients

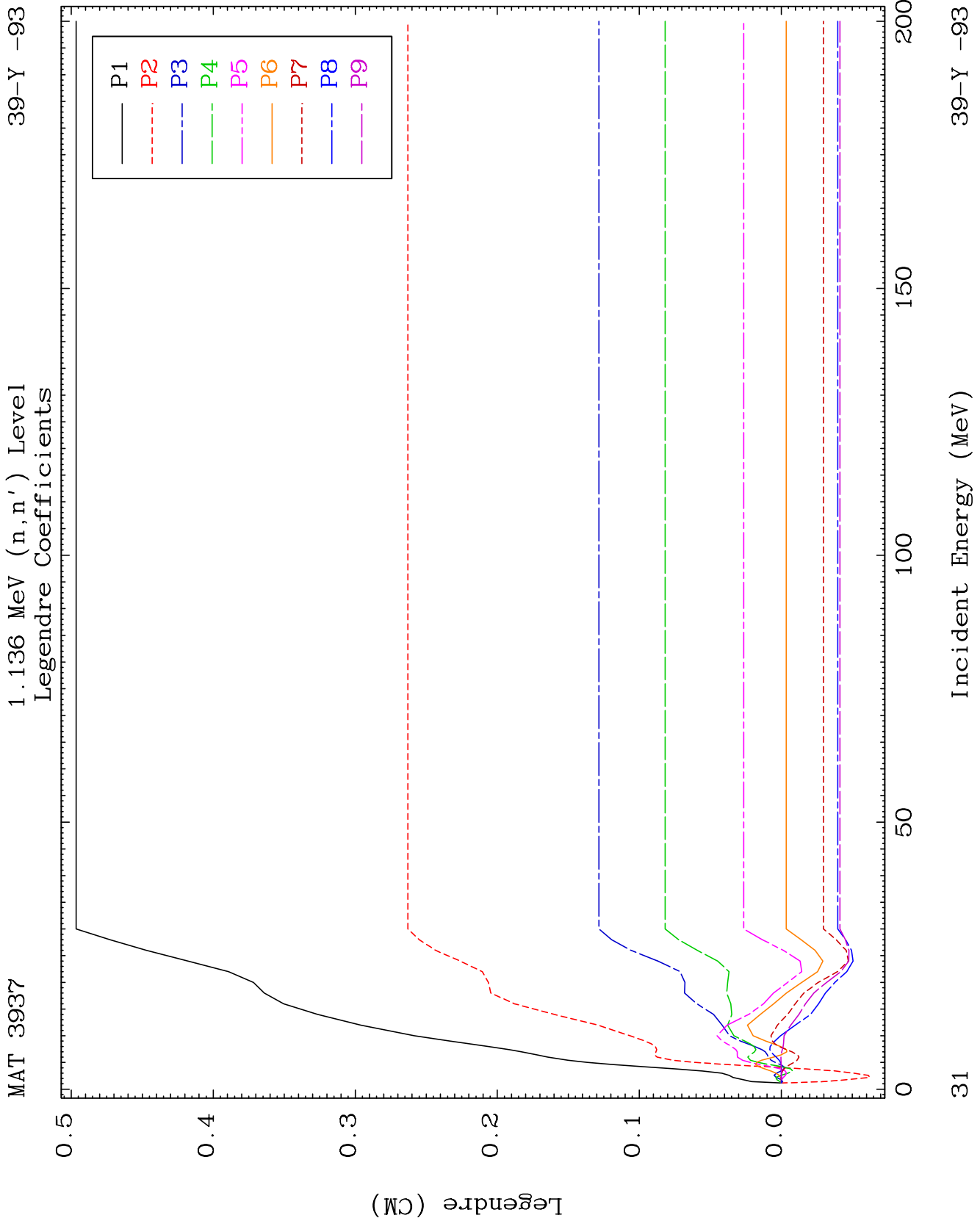
39-Y -93



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Incident Energy (MeV)

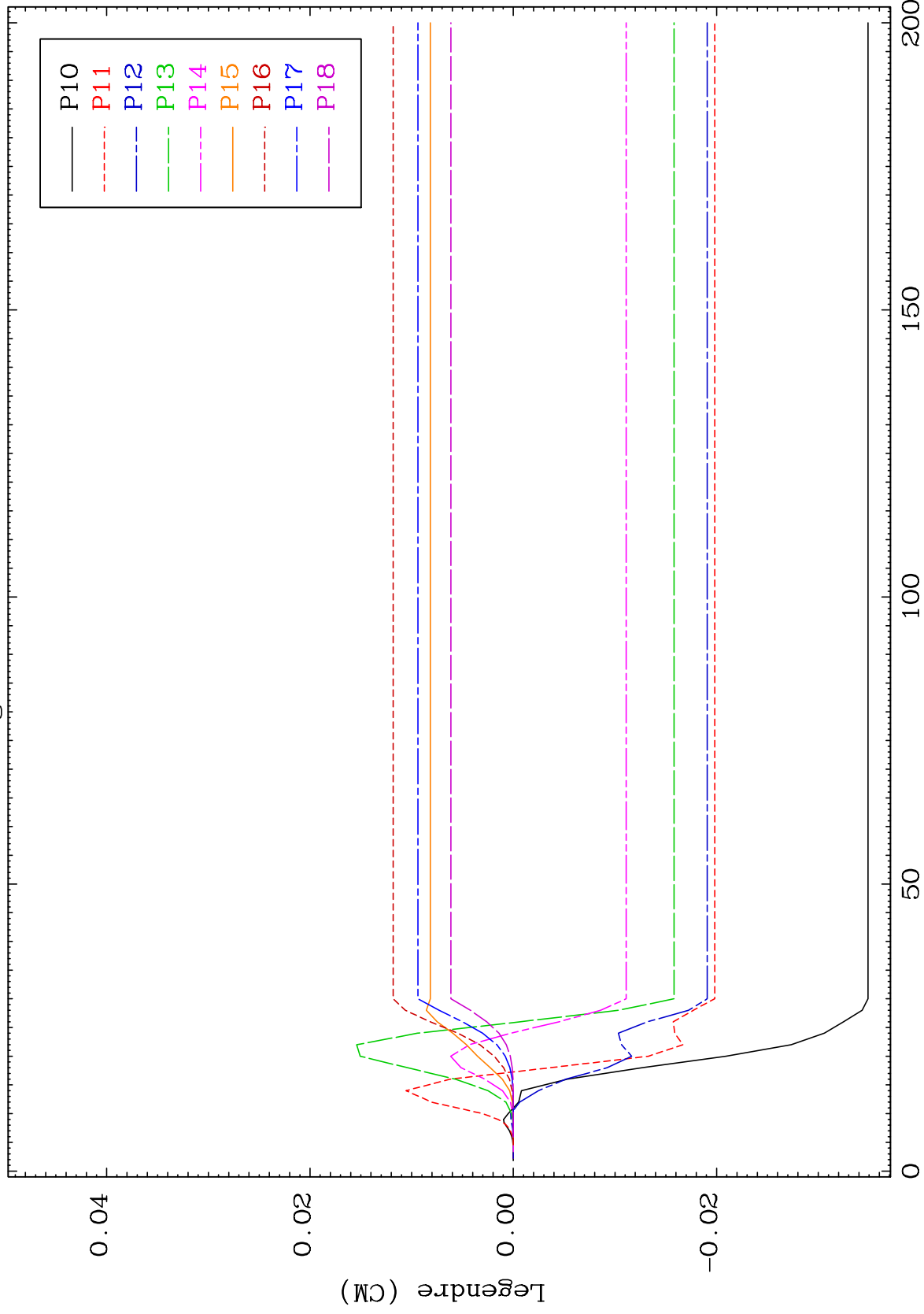
39-Y -93



MAT 3937

1.136 MeV (n,n') Level
Legendre Coefficients

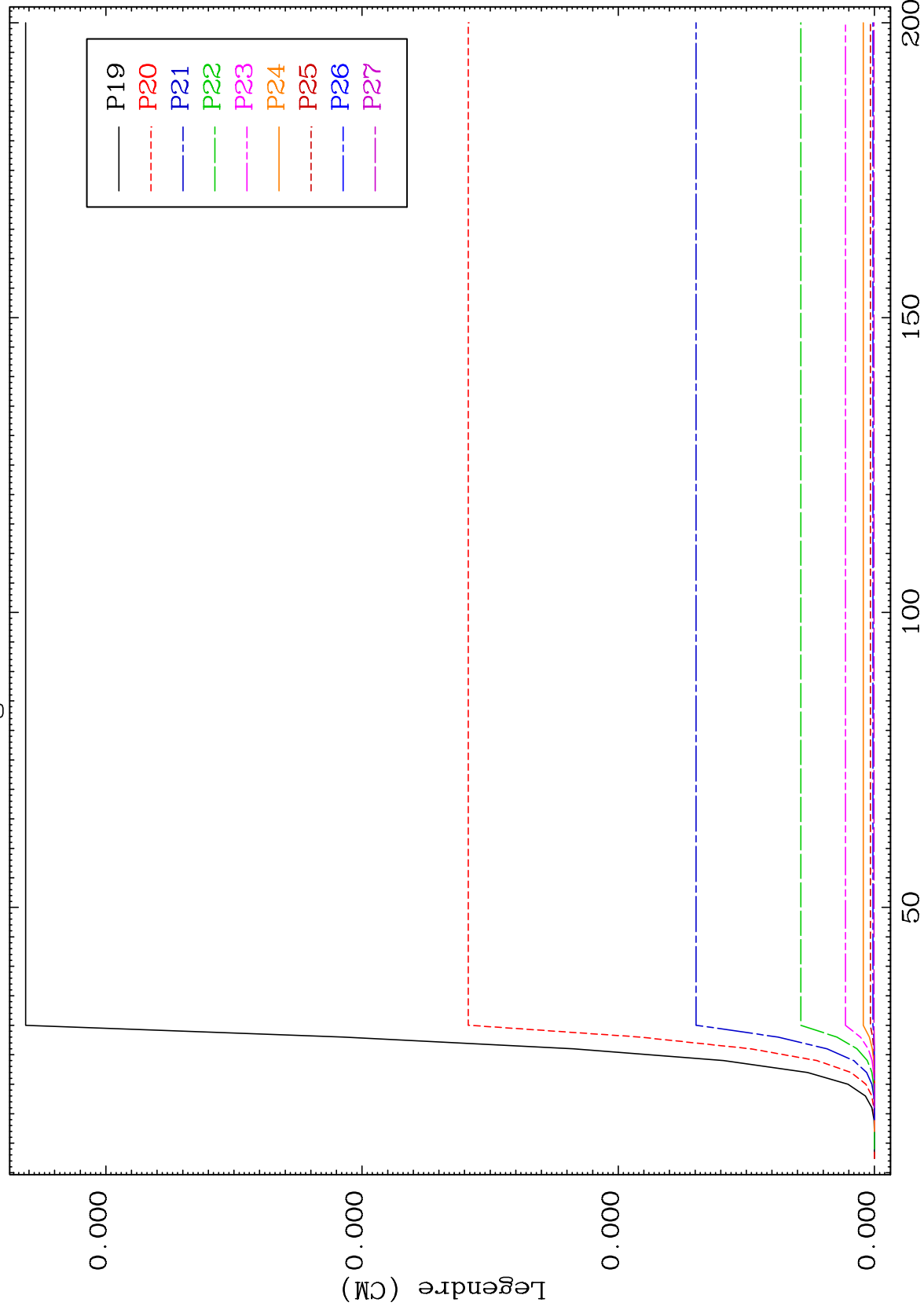
39-Y -93



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Incident Energy (MeV)

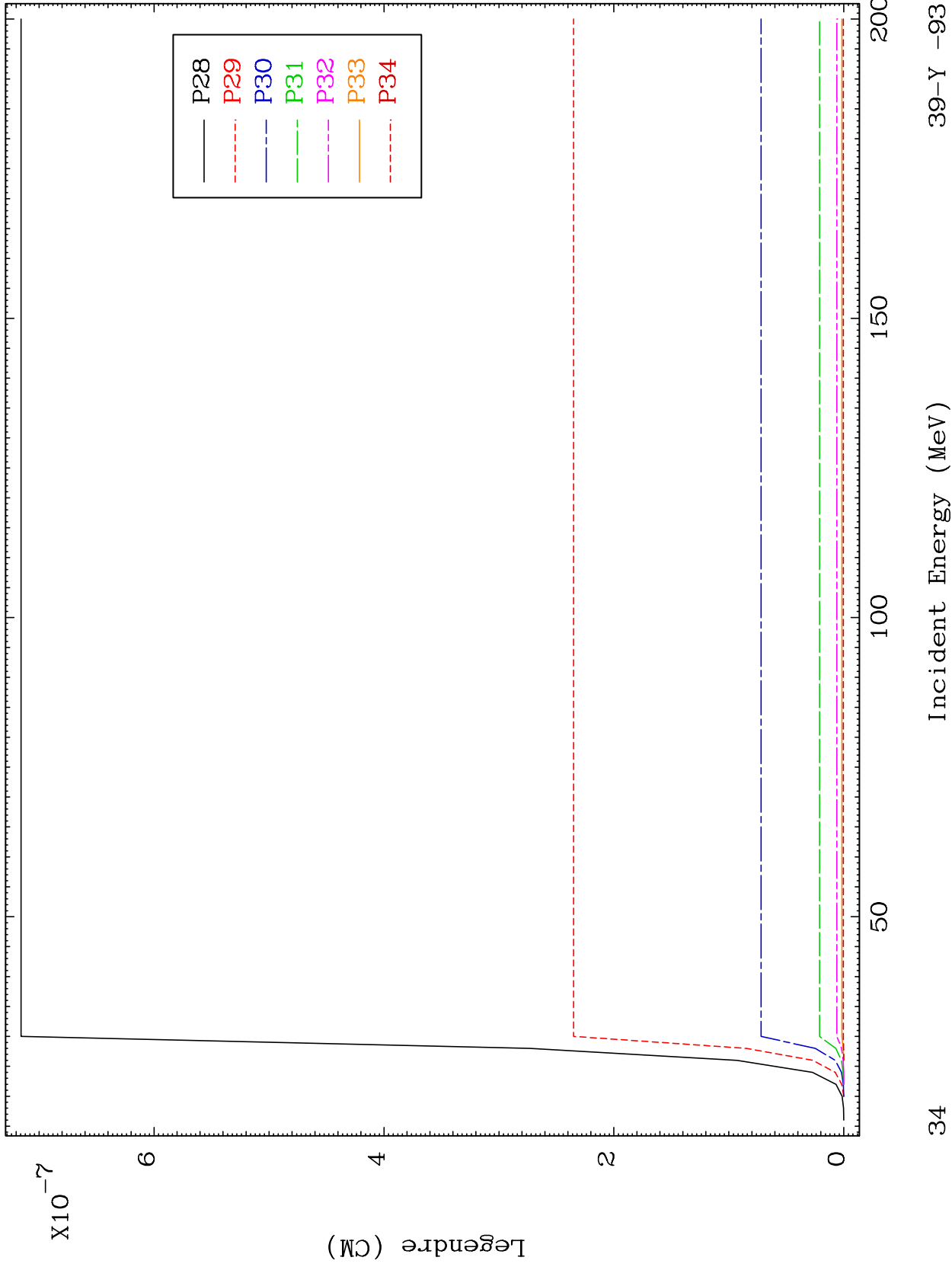
39-Y -93



MAT 3937

1.136 MeV (n,n') Level
Legendre Coefficients

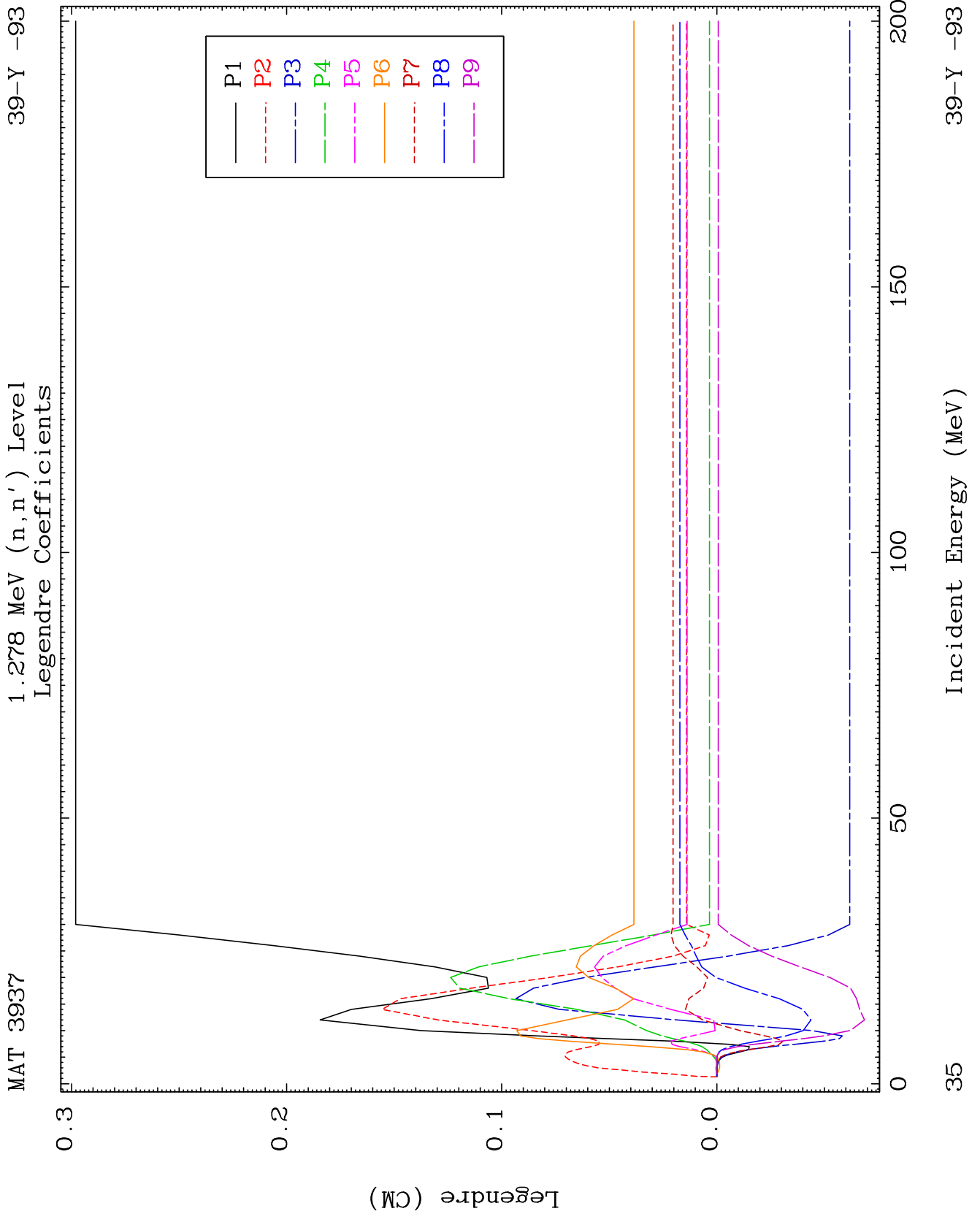
39-Y -93

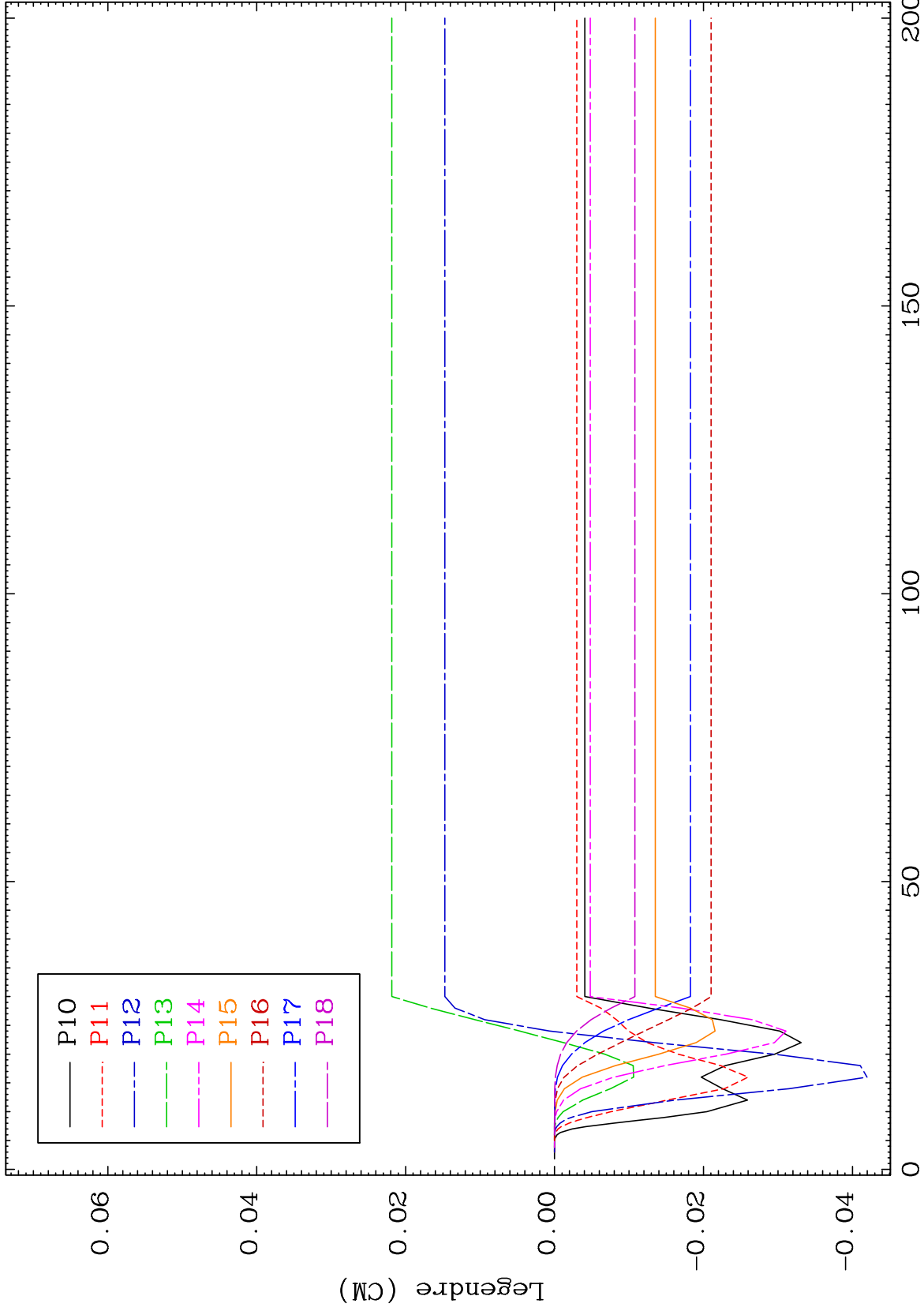


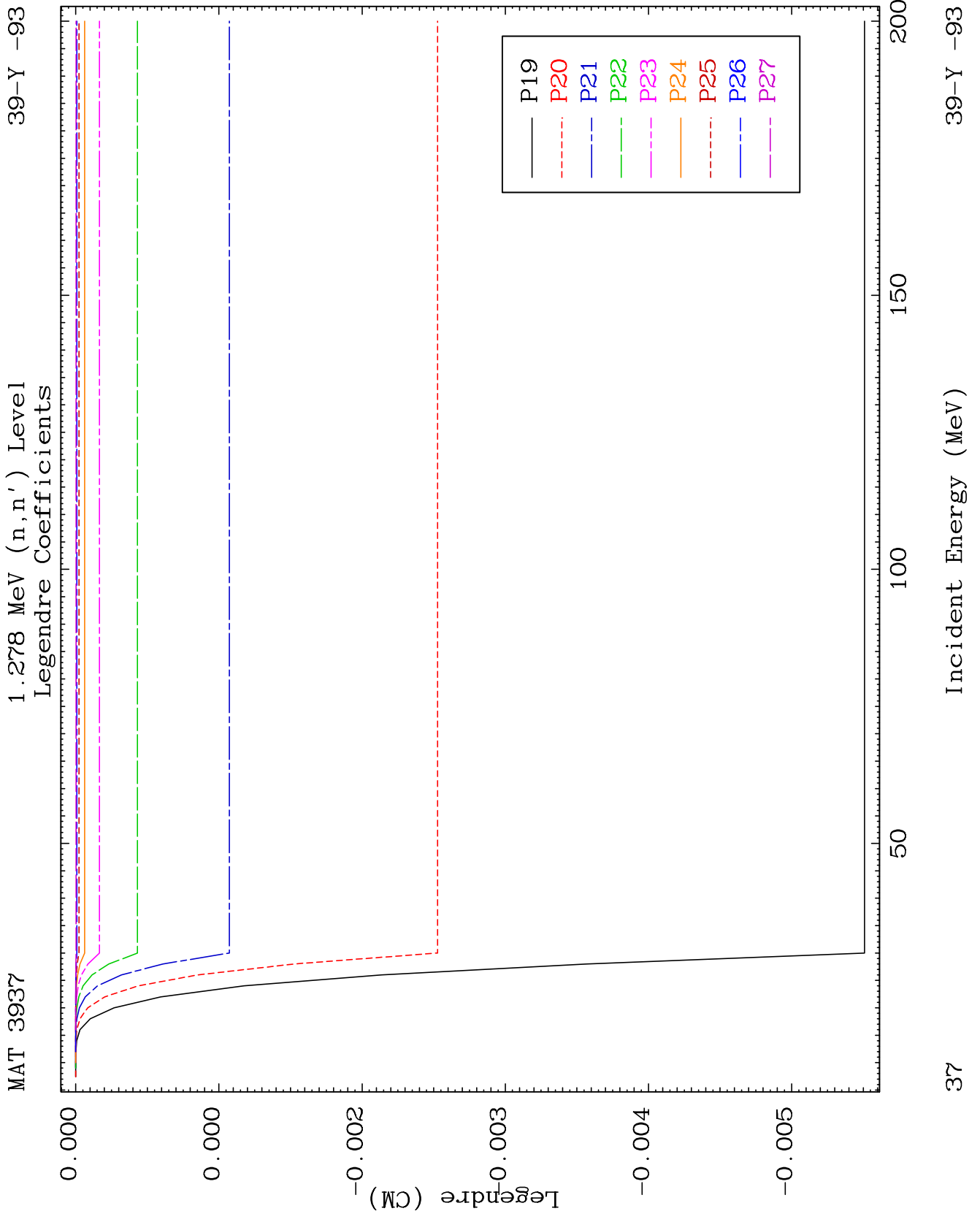
34

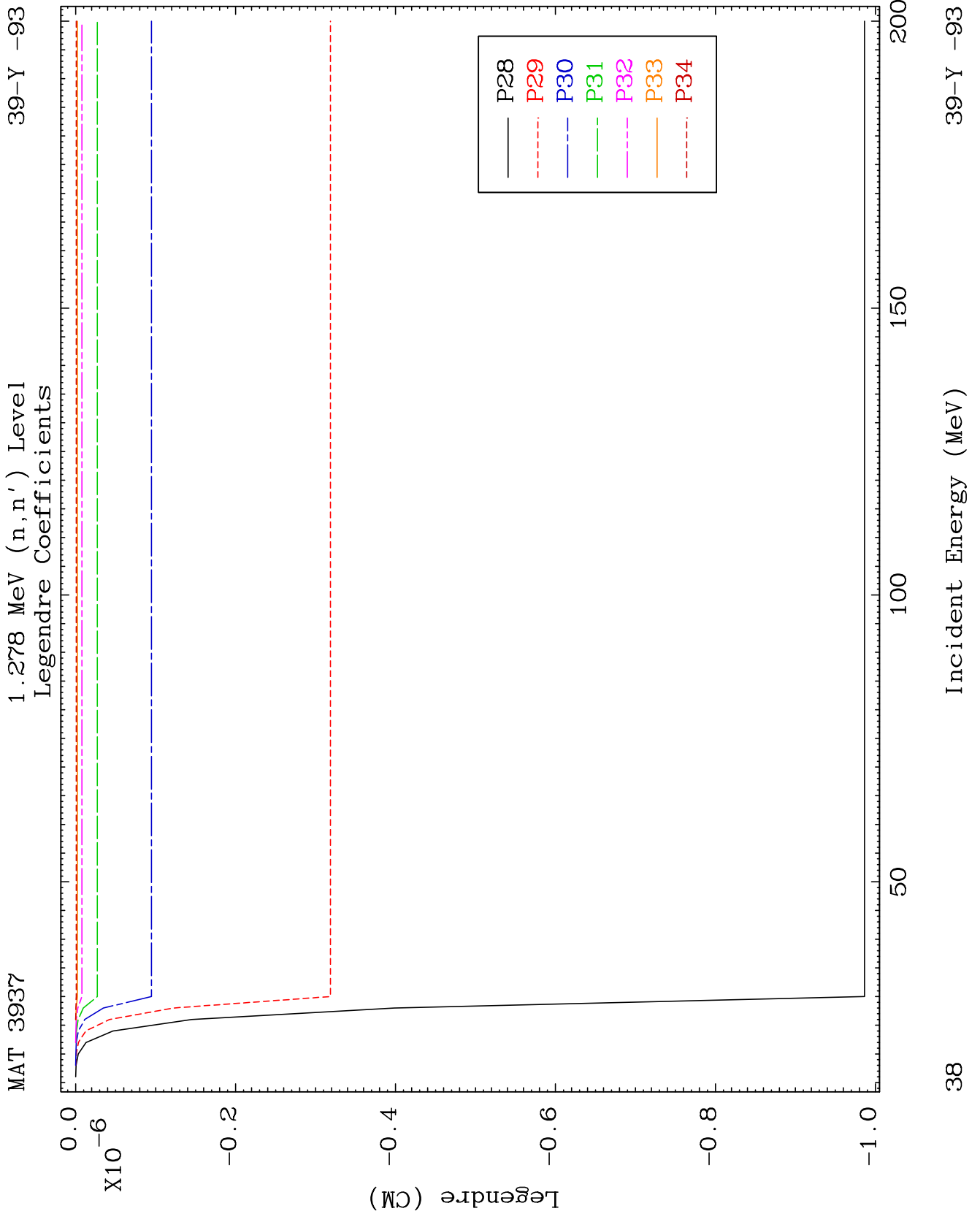
Incident Energy (MeV)

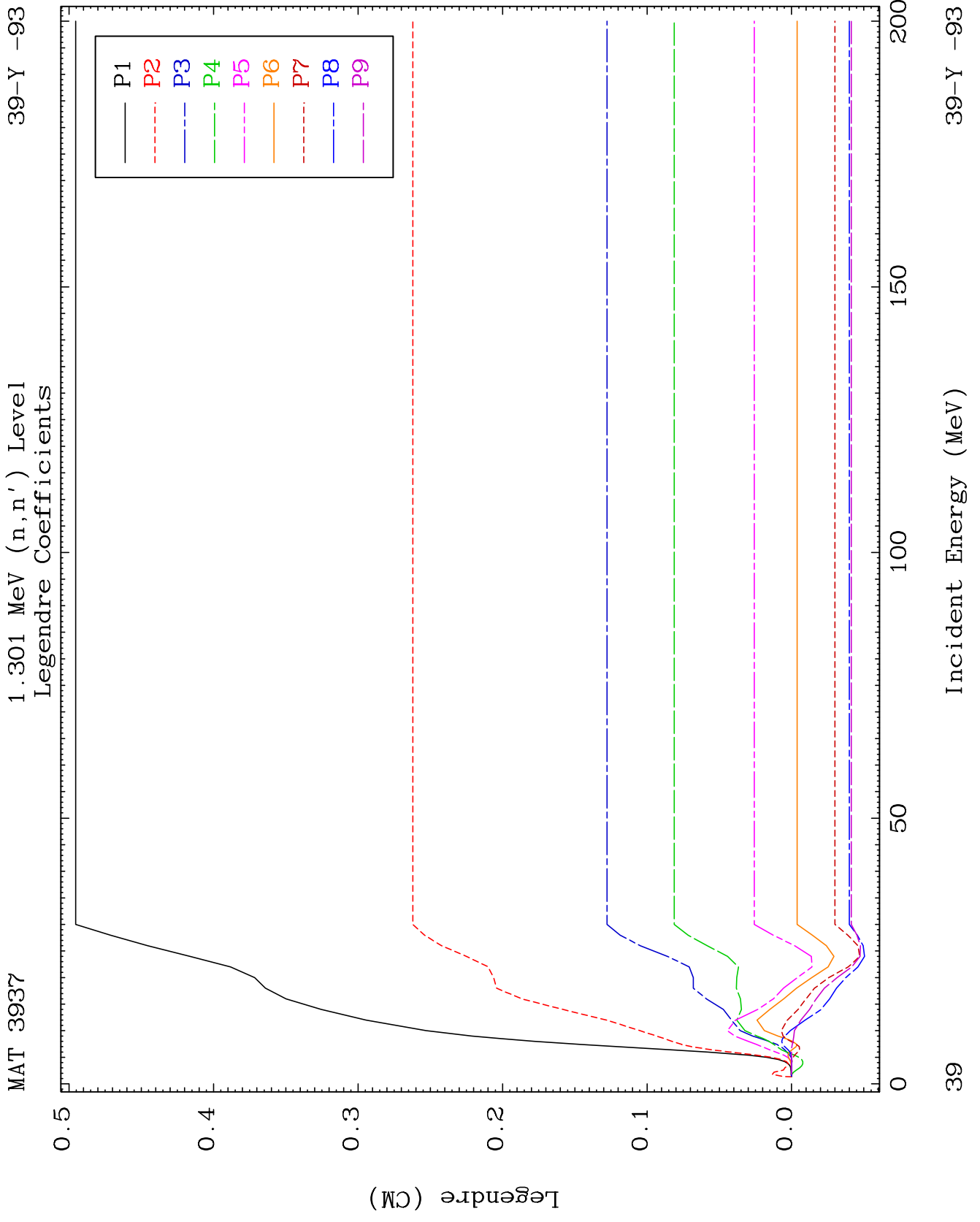
39-Y -93







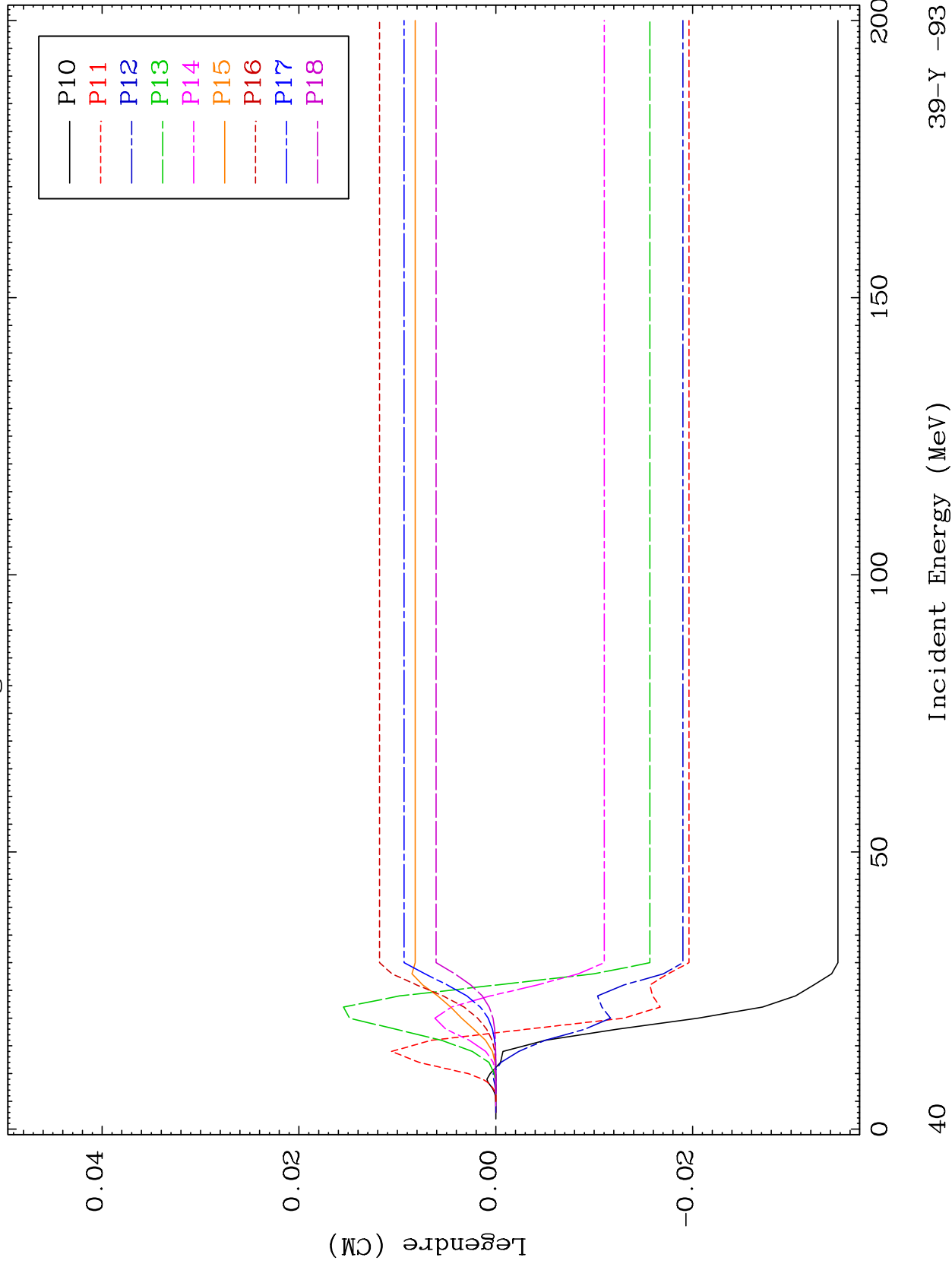




MAT 3937

1.301 MeV (n,n') Level
Legendre Coefficients

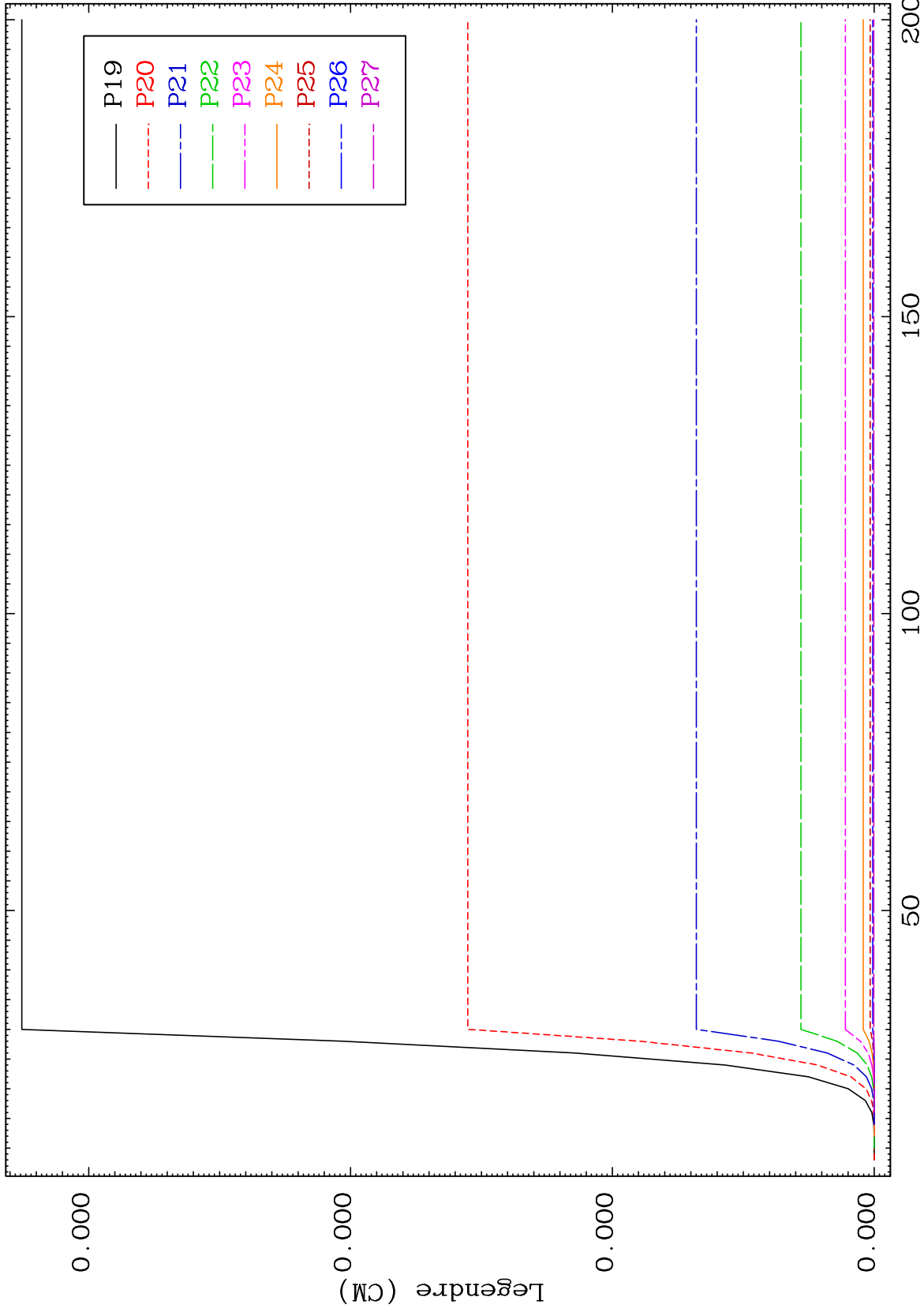
39-Y -93



39-Y -93

Incident Energy (MeV)

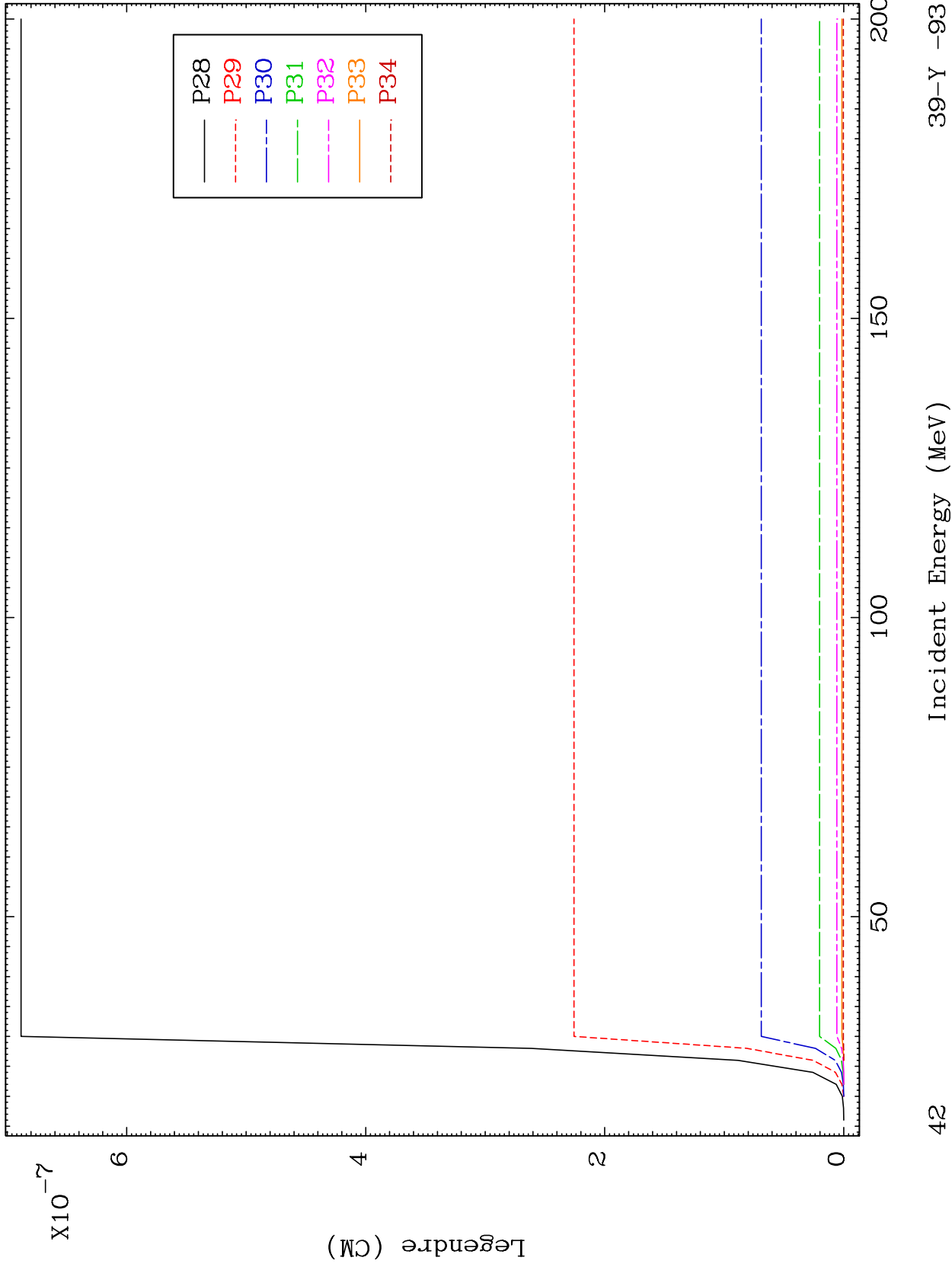
40



MAT 3937

1.301 MeV (n,n') Level
Legendre Coefficients

39-Y -93



42

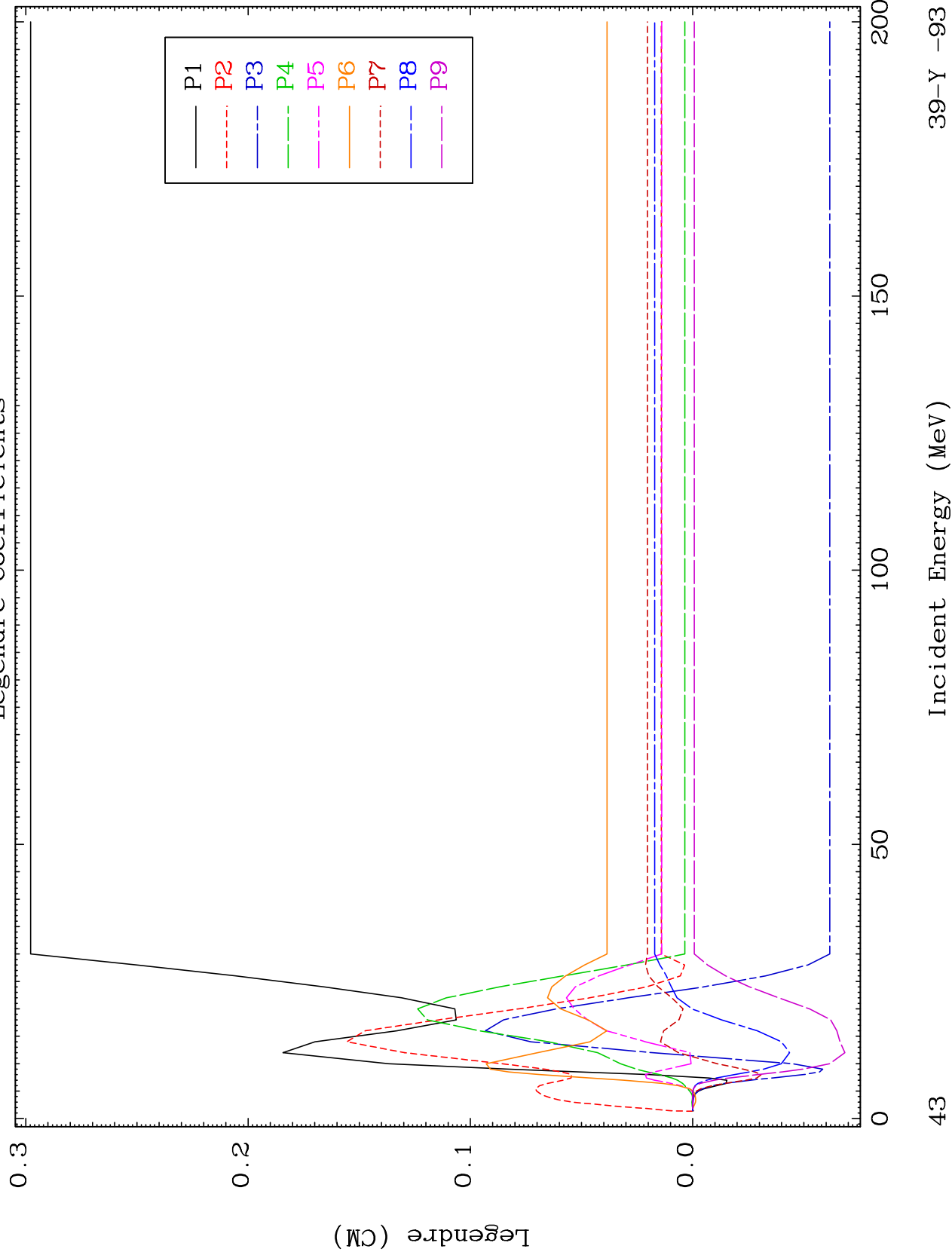
Incident Energy (MeV)

39-Y -93

MAT 3937

1.309 MeV (n,n') Level
Legendre Coefficients

39-Y -93



43

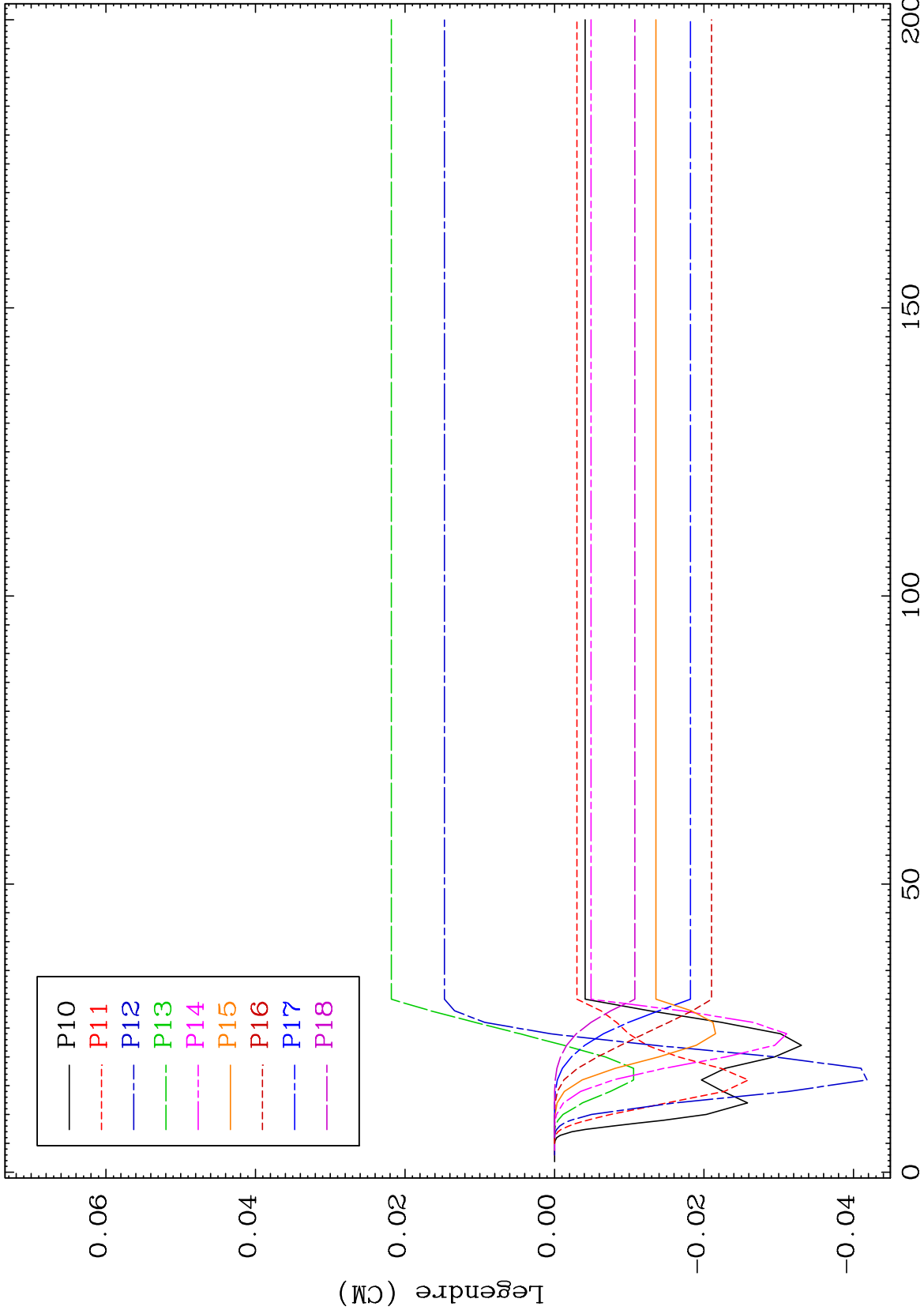
Incident Energy (MeV)

39-Y -93

MAT 3937

1.309 MeV (n,n') Level
Legendre Coefficients

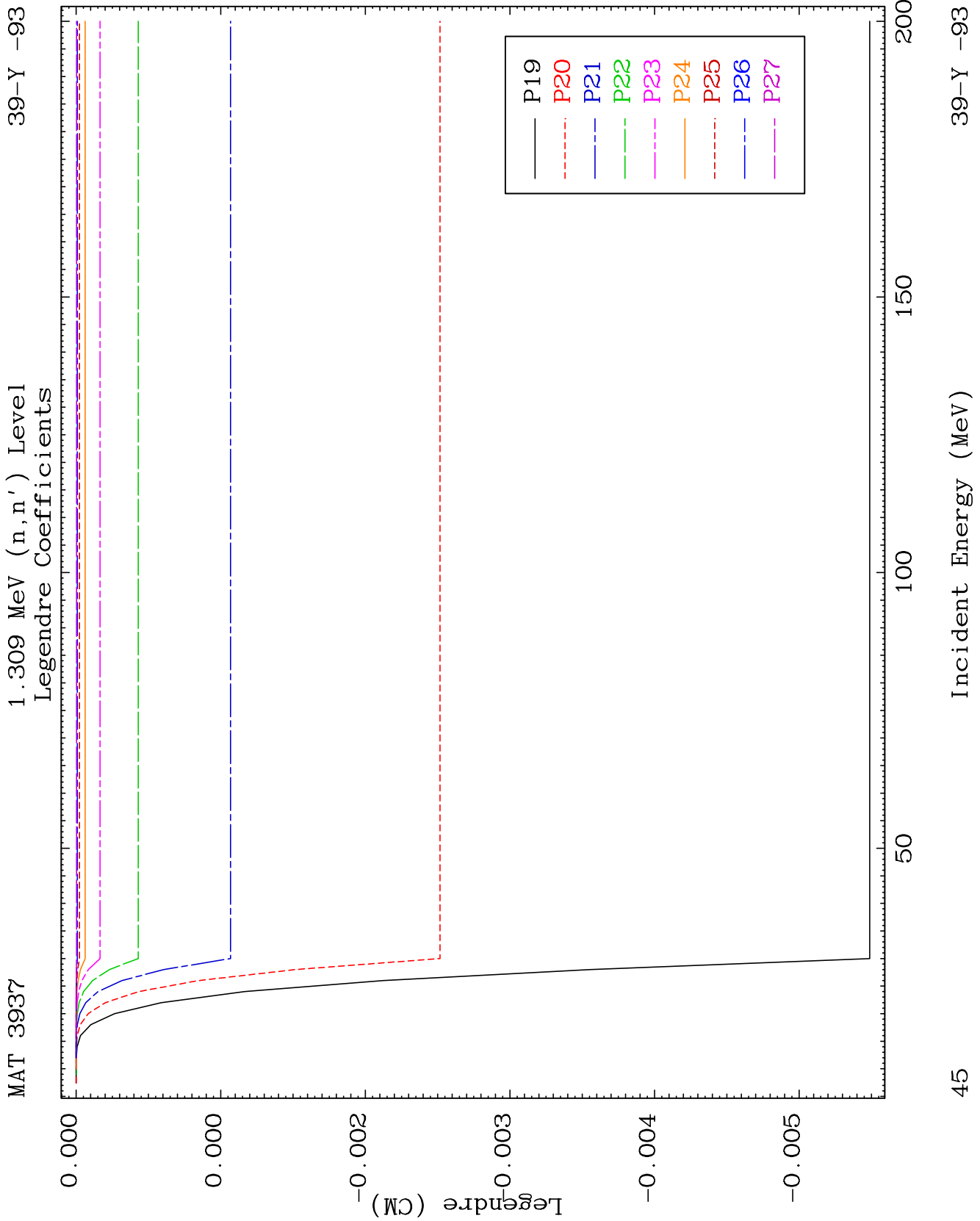
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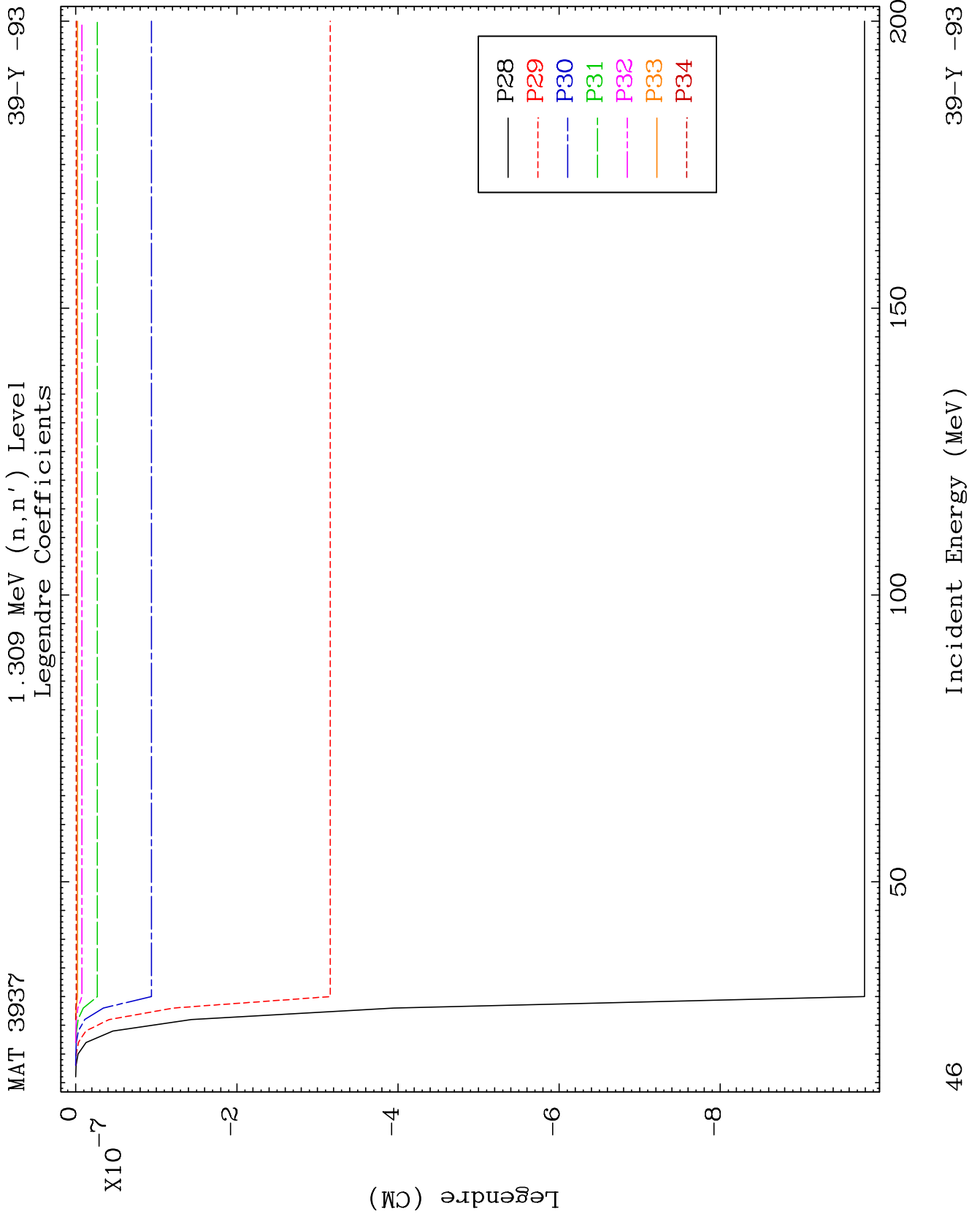


Incident Energy (MeV)

39-Y -93

44

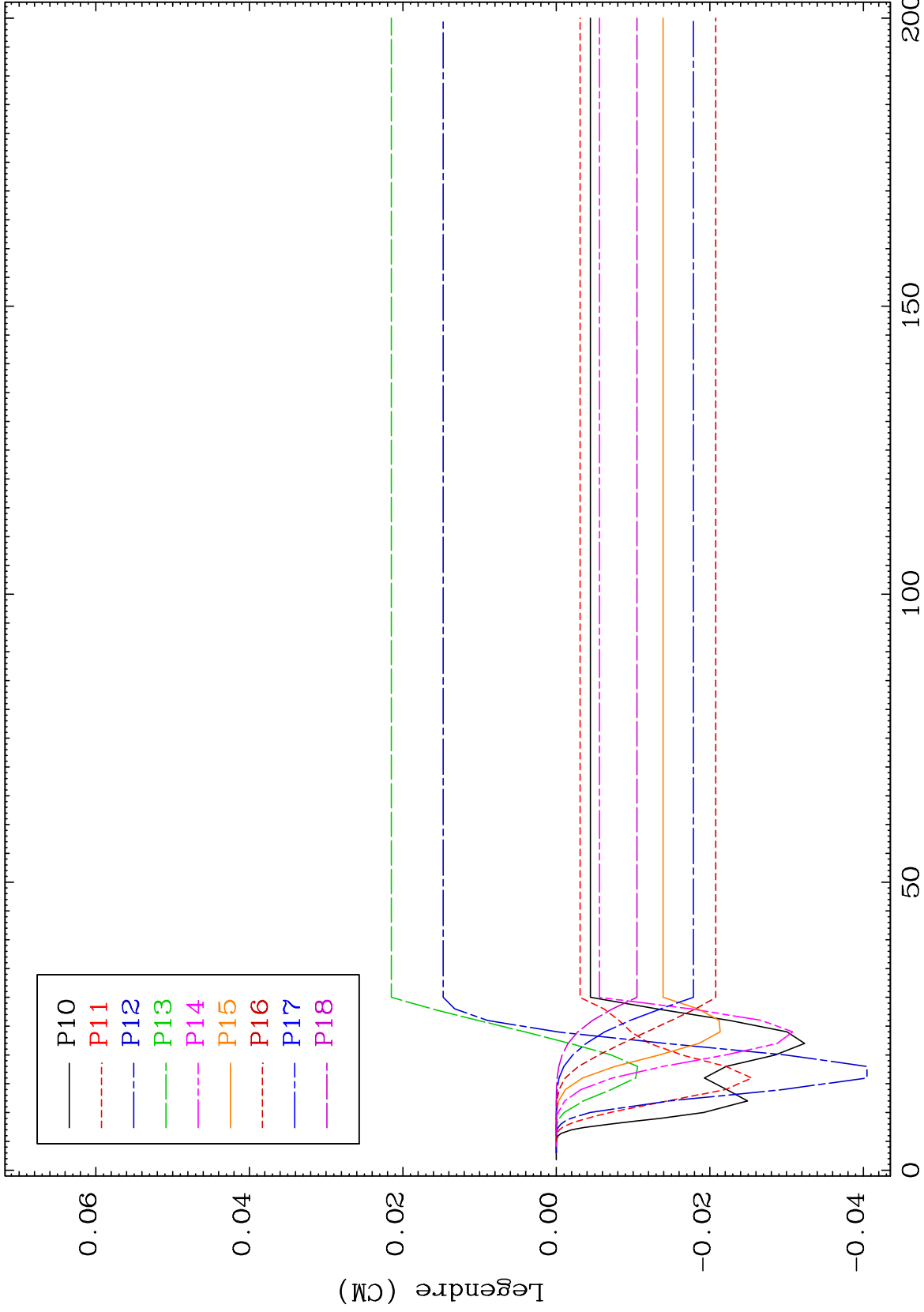




MAT 3937

1.543 MeV (n,n') Level
Legendre Coefficients

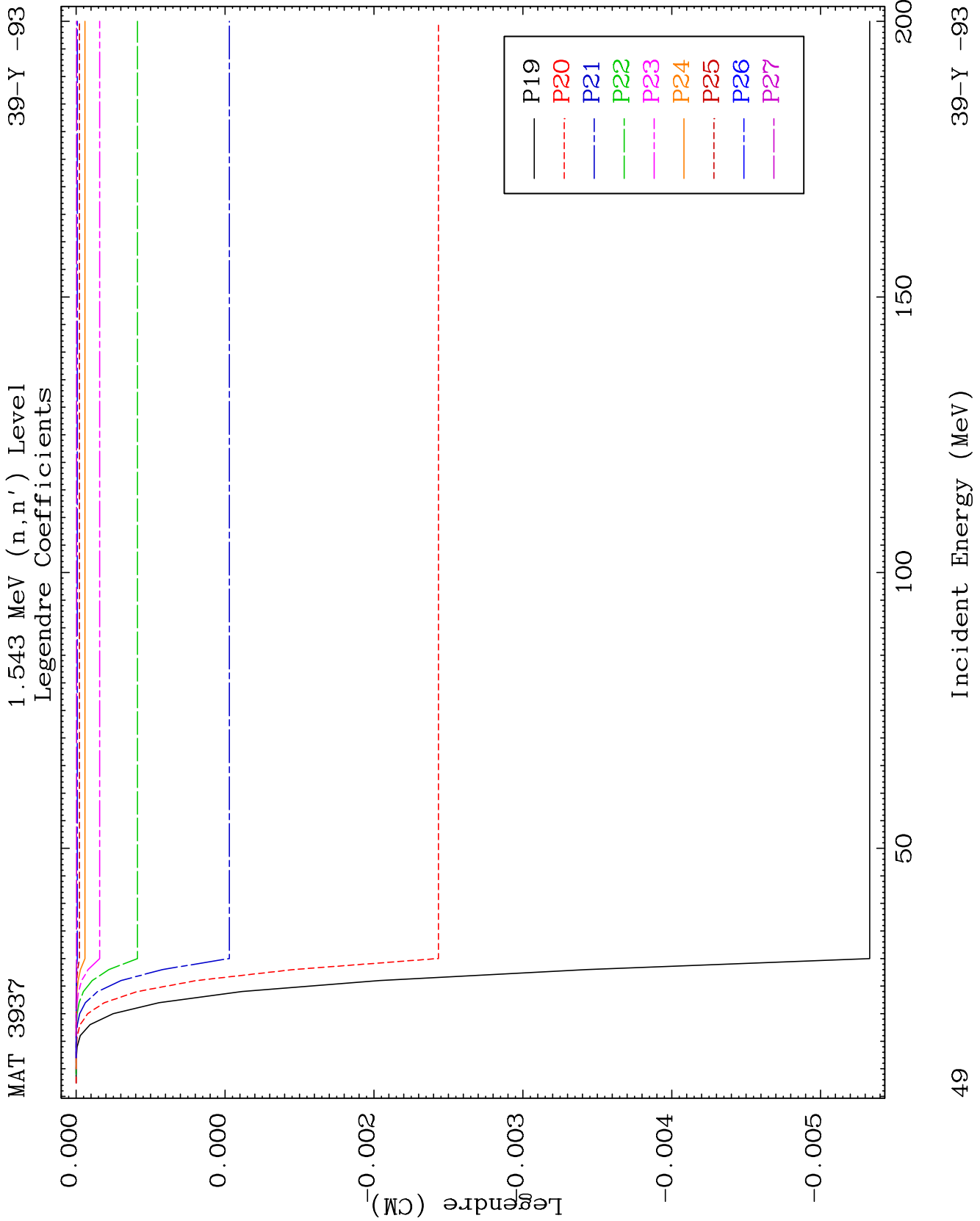
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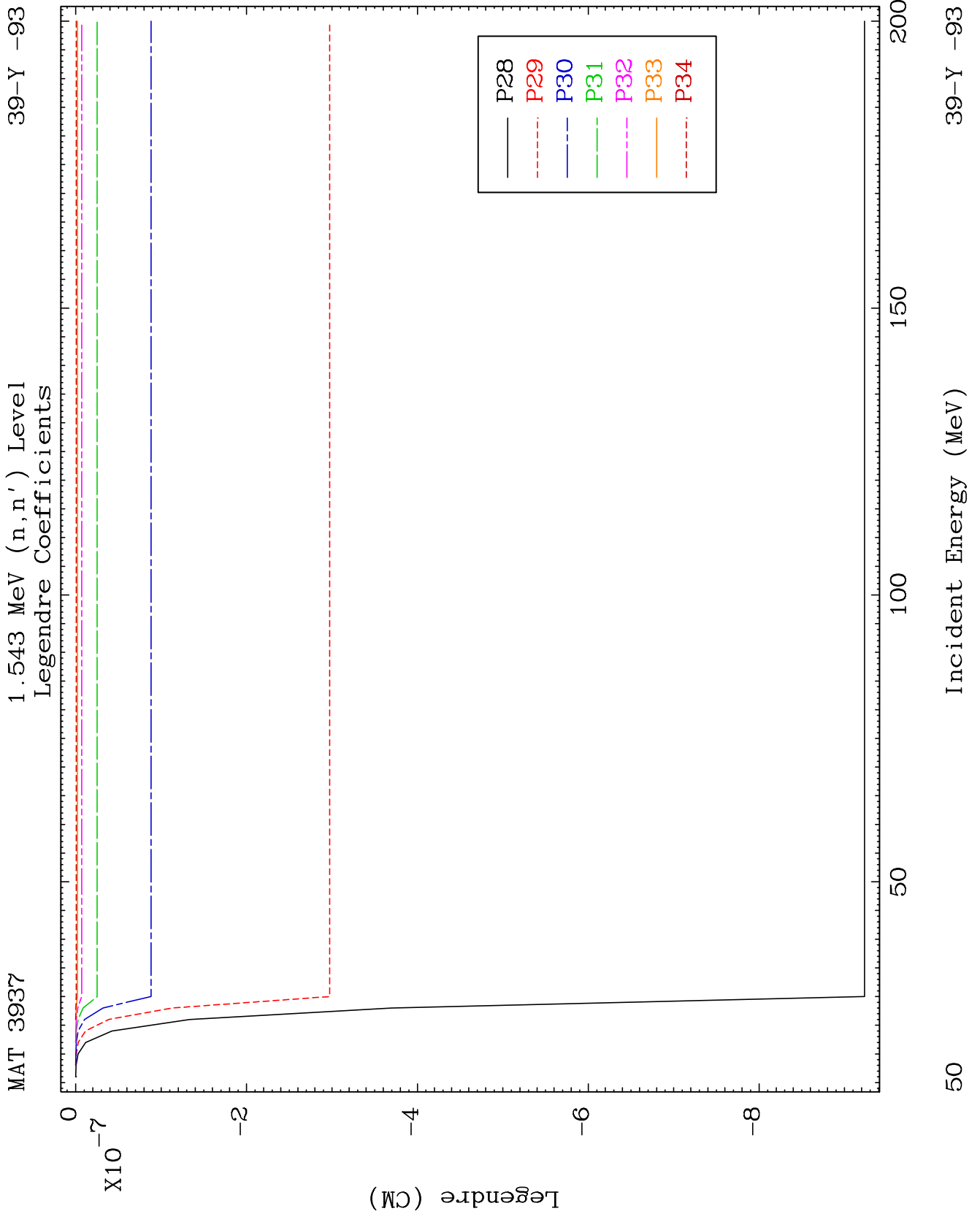


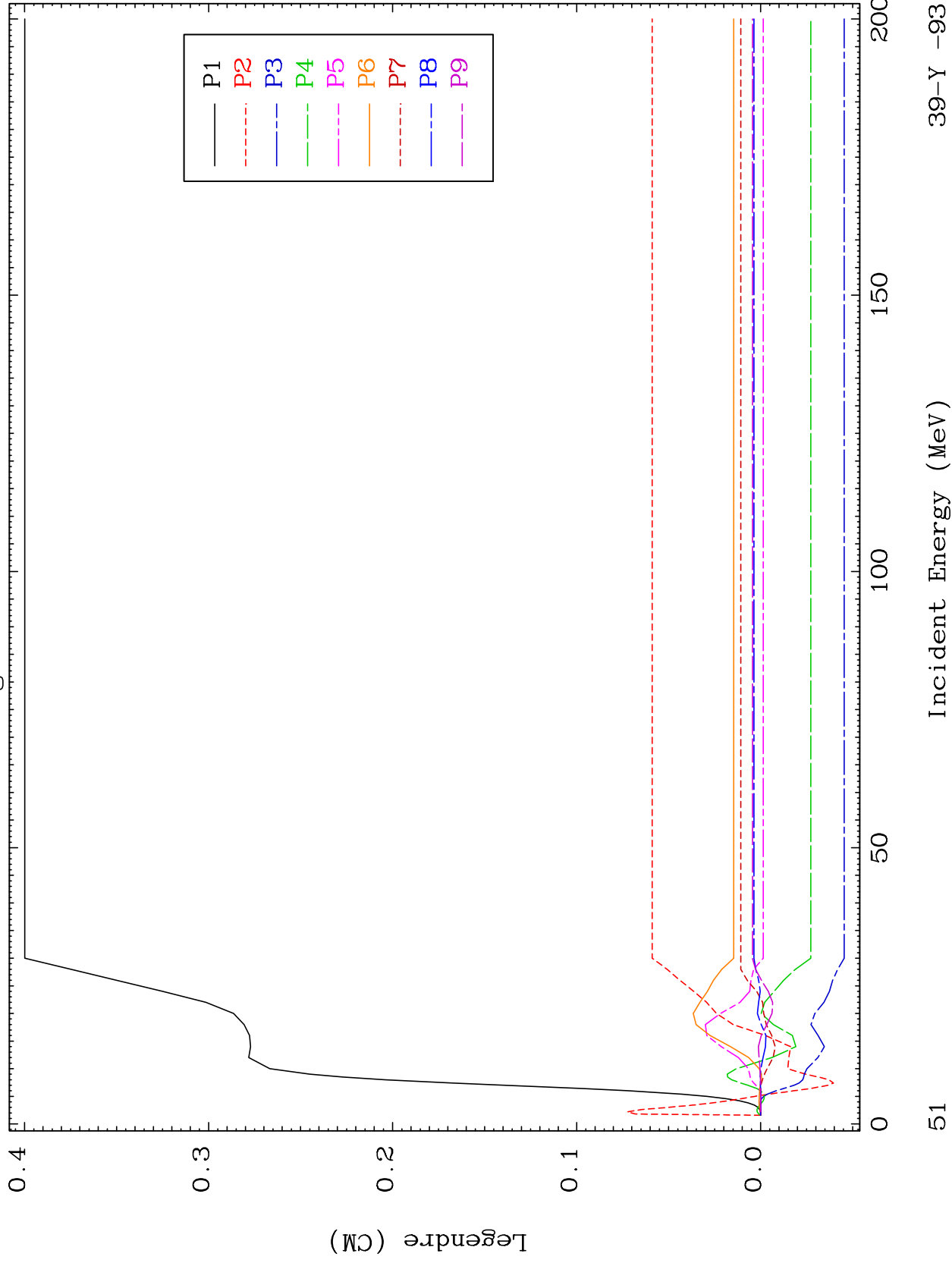
Incident Energy (MeV)

39-Y -93

48



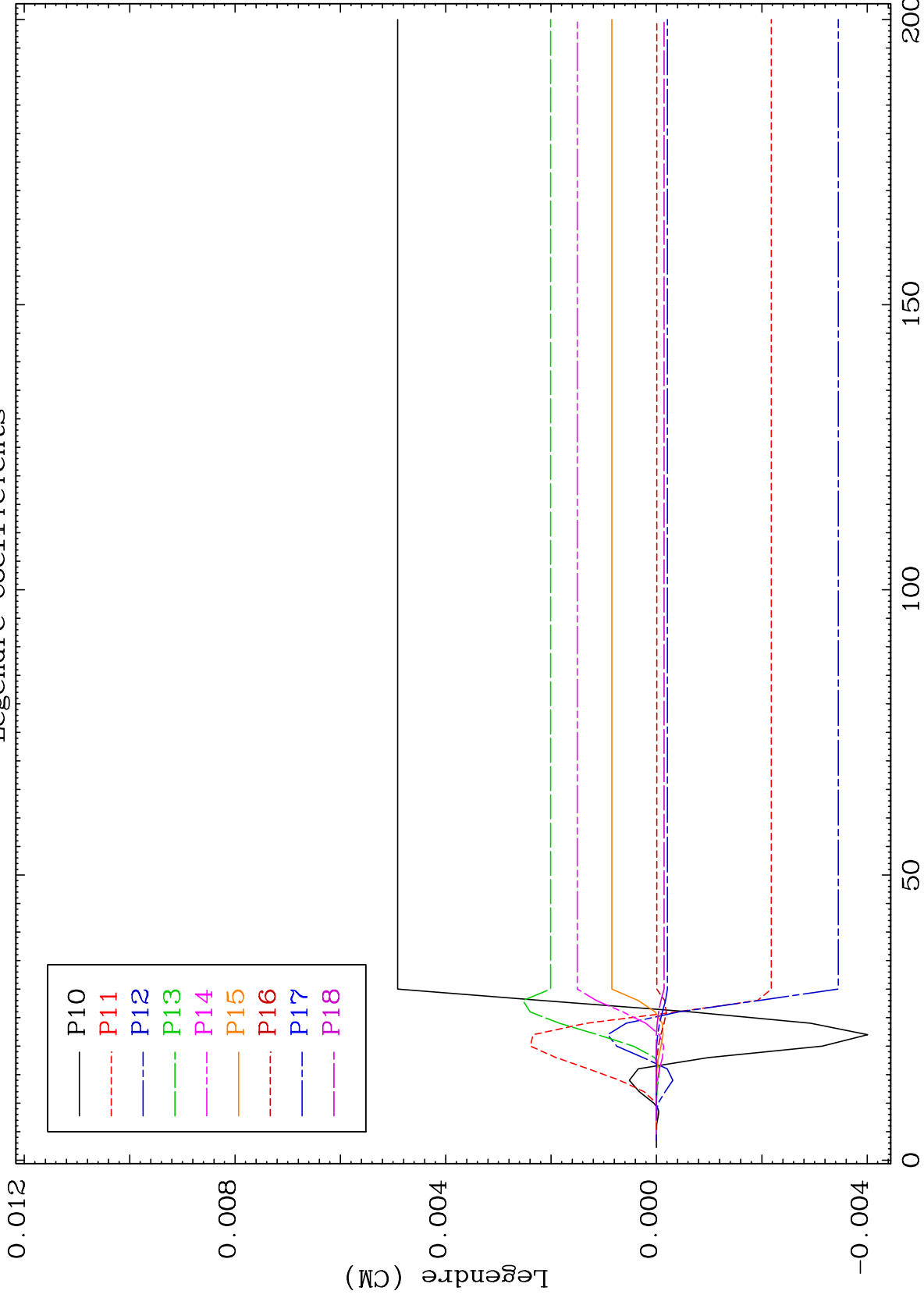




MAT 3937

1.550 MeV (n,n') Level
Legendre Coefficients

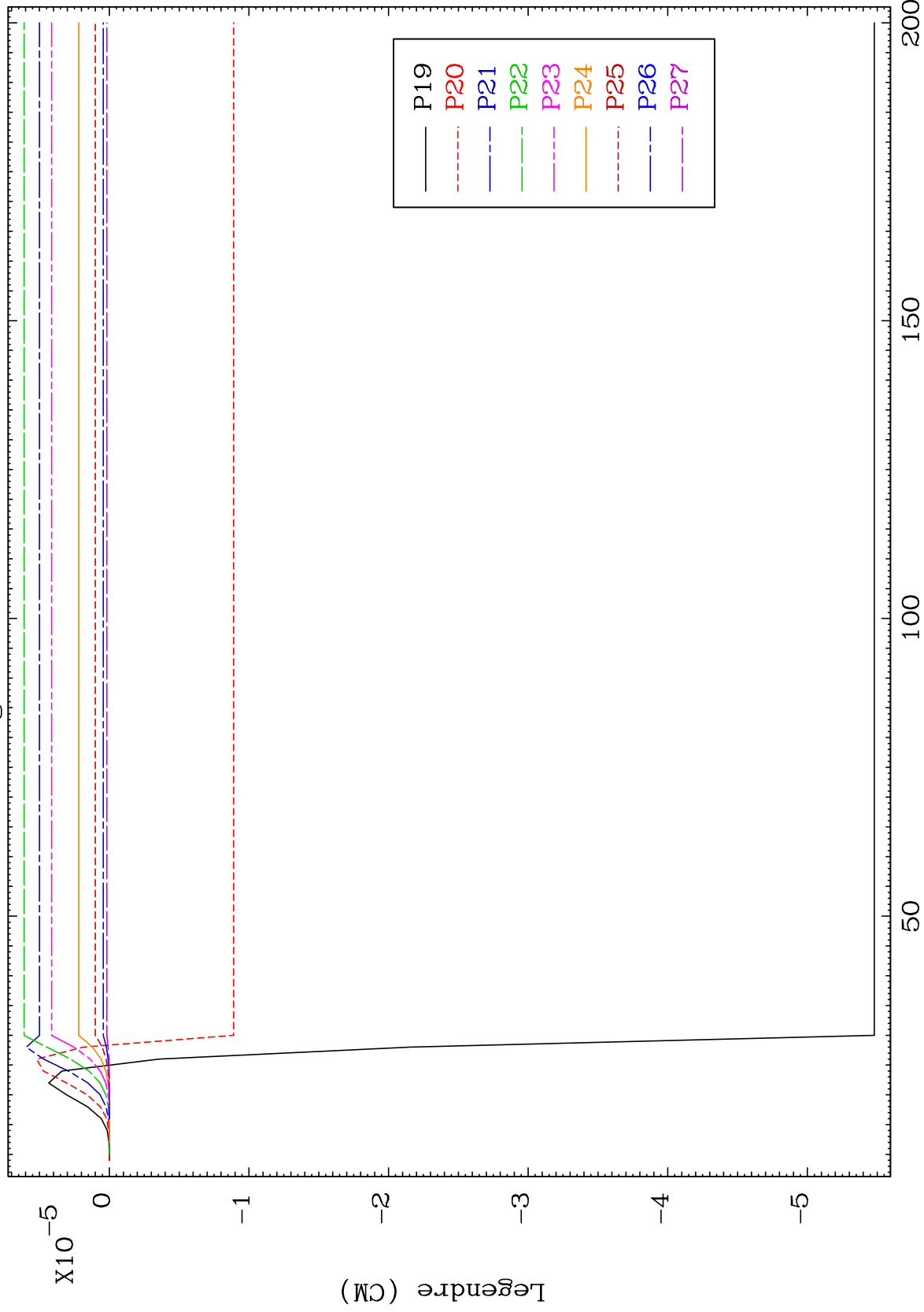
39-Y -93



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Incident Energy (MeV)

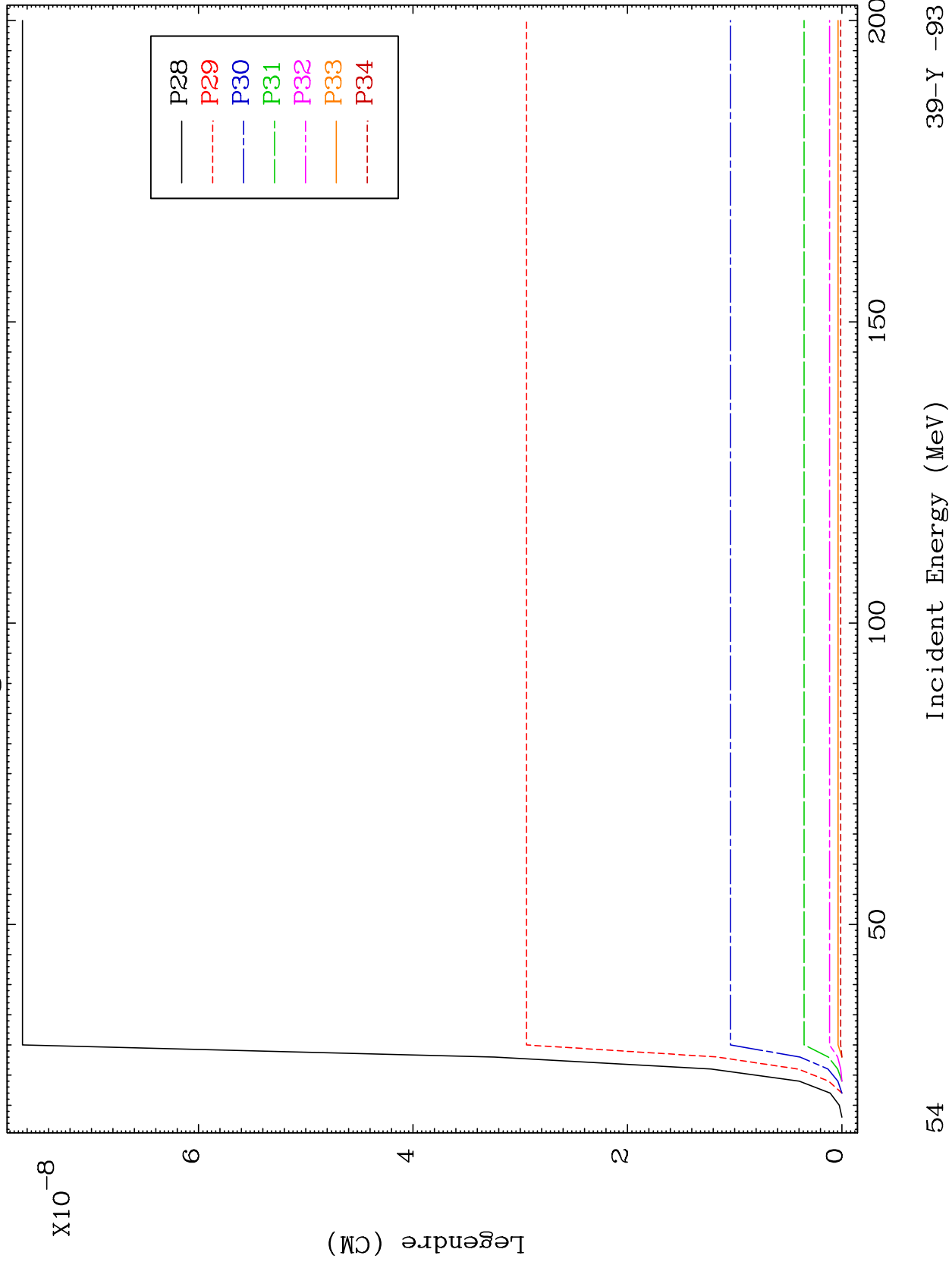
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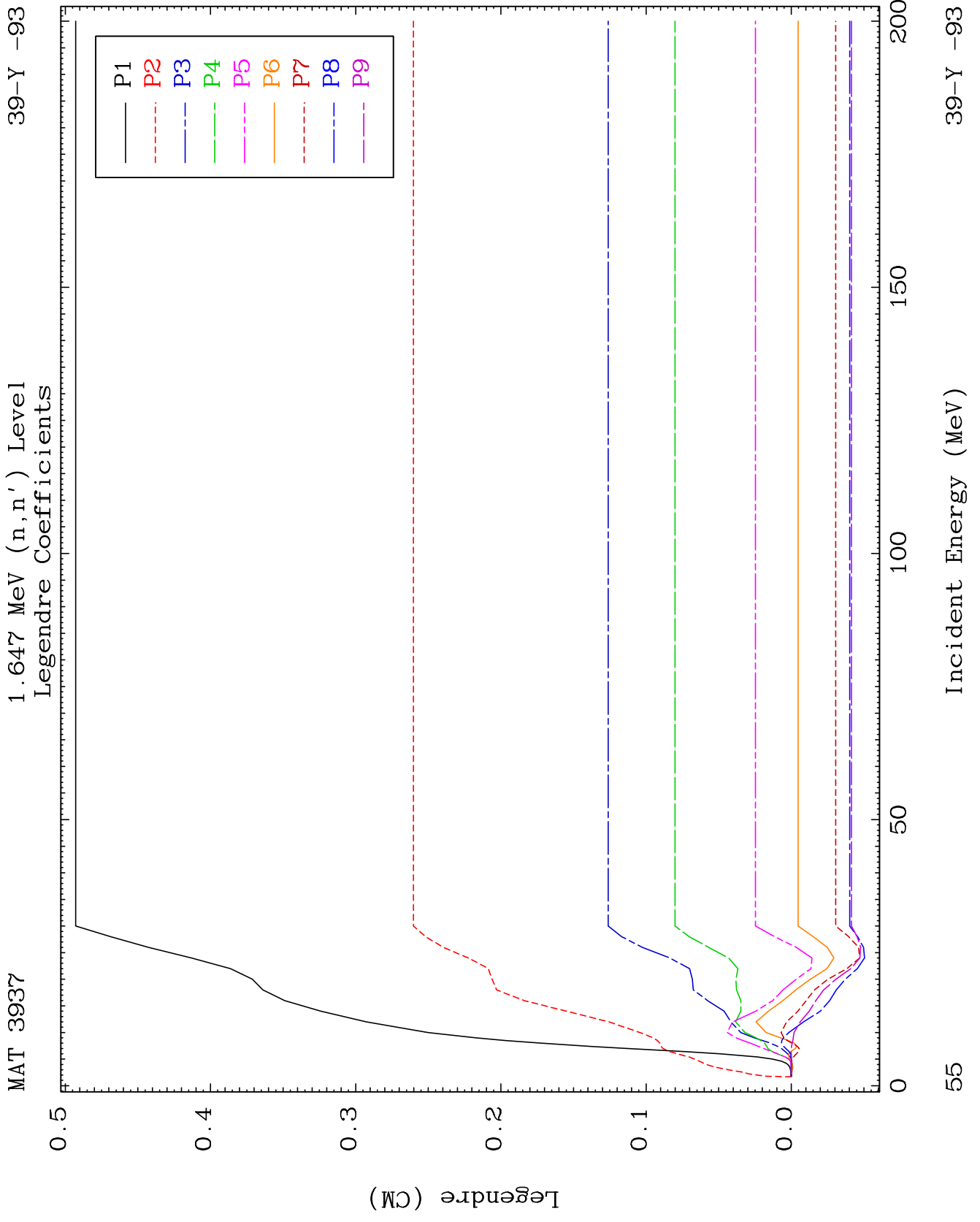


MAT 3937

1.550 MeV (n,n') Level
Legendre Coefficients

39-Y -93

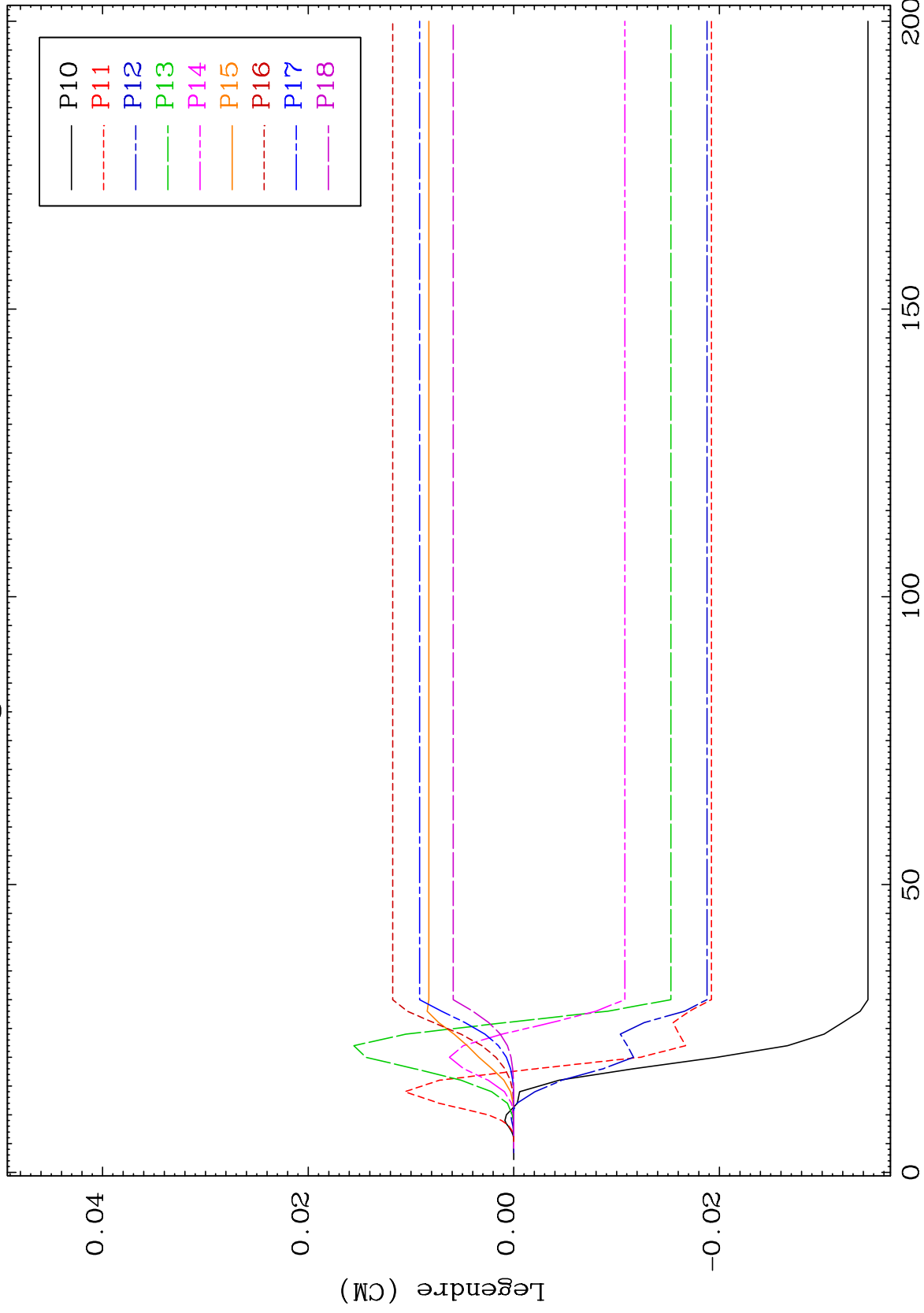




MAT 3937

1.647 MeV (n,n') Level
Legendre Coefficients

39-Y -93



56

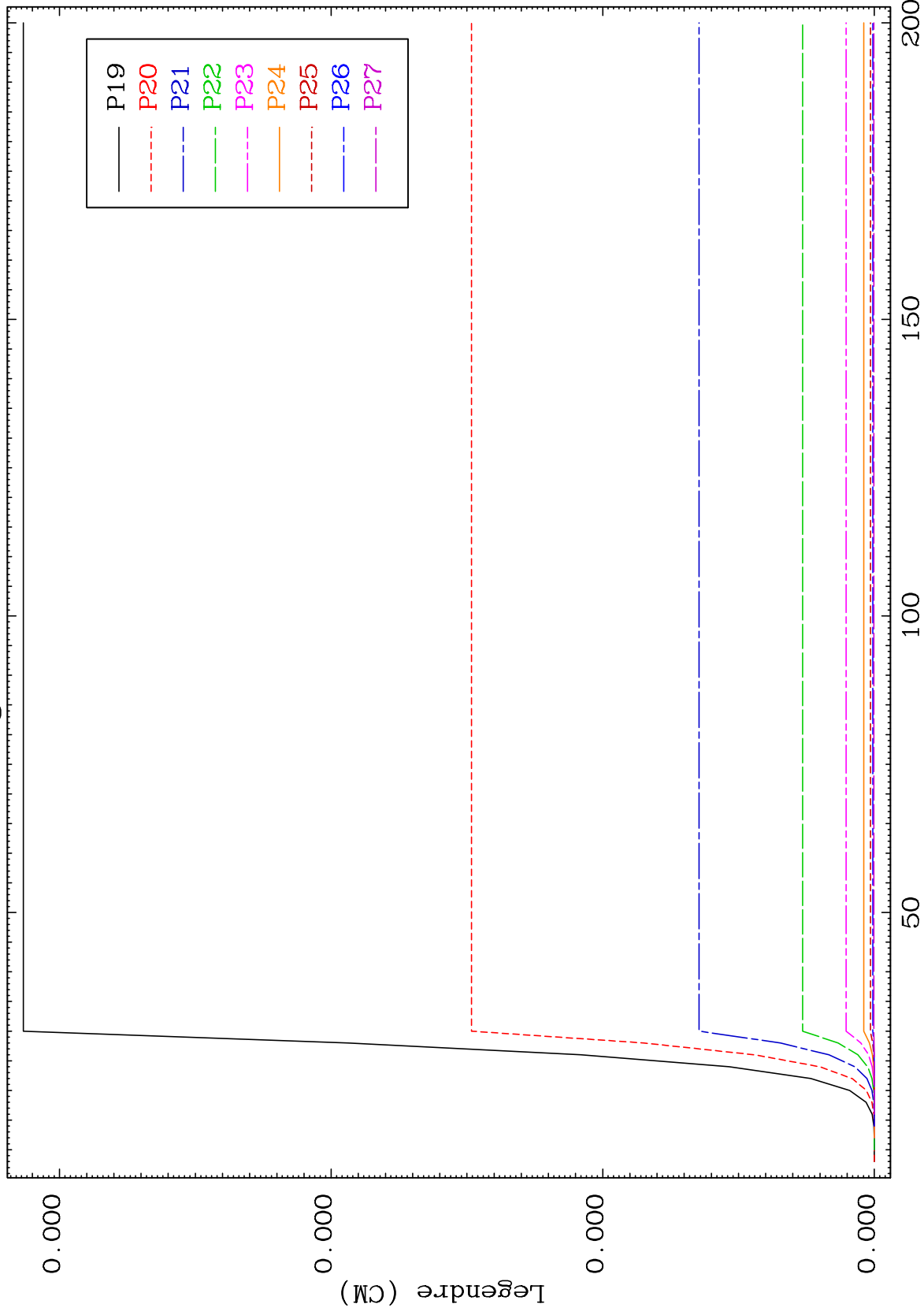
Incident Energy (MeV)

39-Y -93

MAT 3937

1.647 MeV (n,n') Level Legendre Coefficients

39-Y -93



57

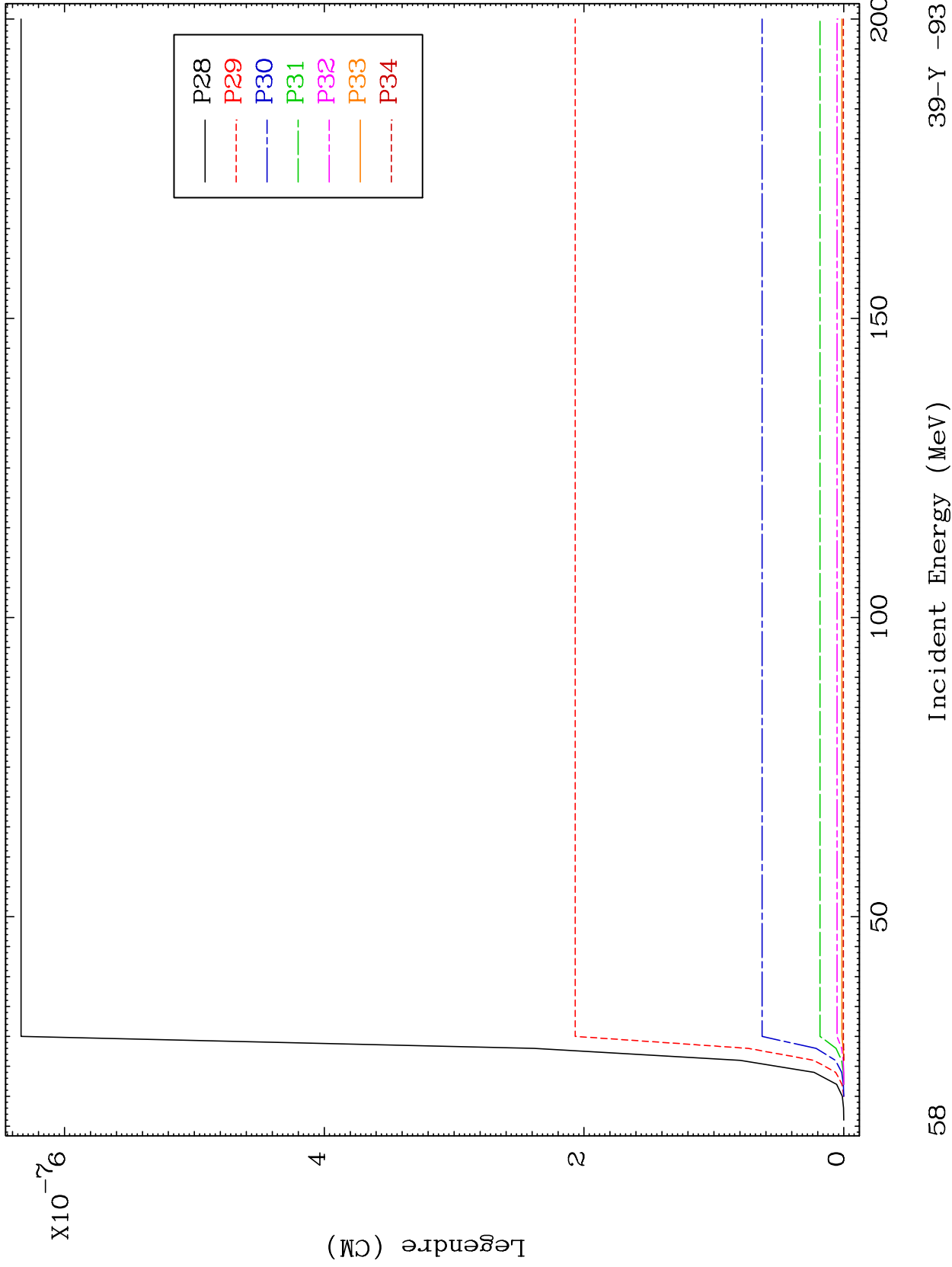
Incident Energy (MeV)

39-Y -93

MAT 3937

1.647 MeV (n,n') Level
Legendre Coefficients

39-Y -93



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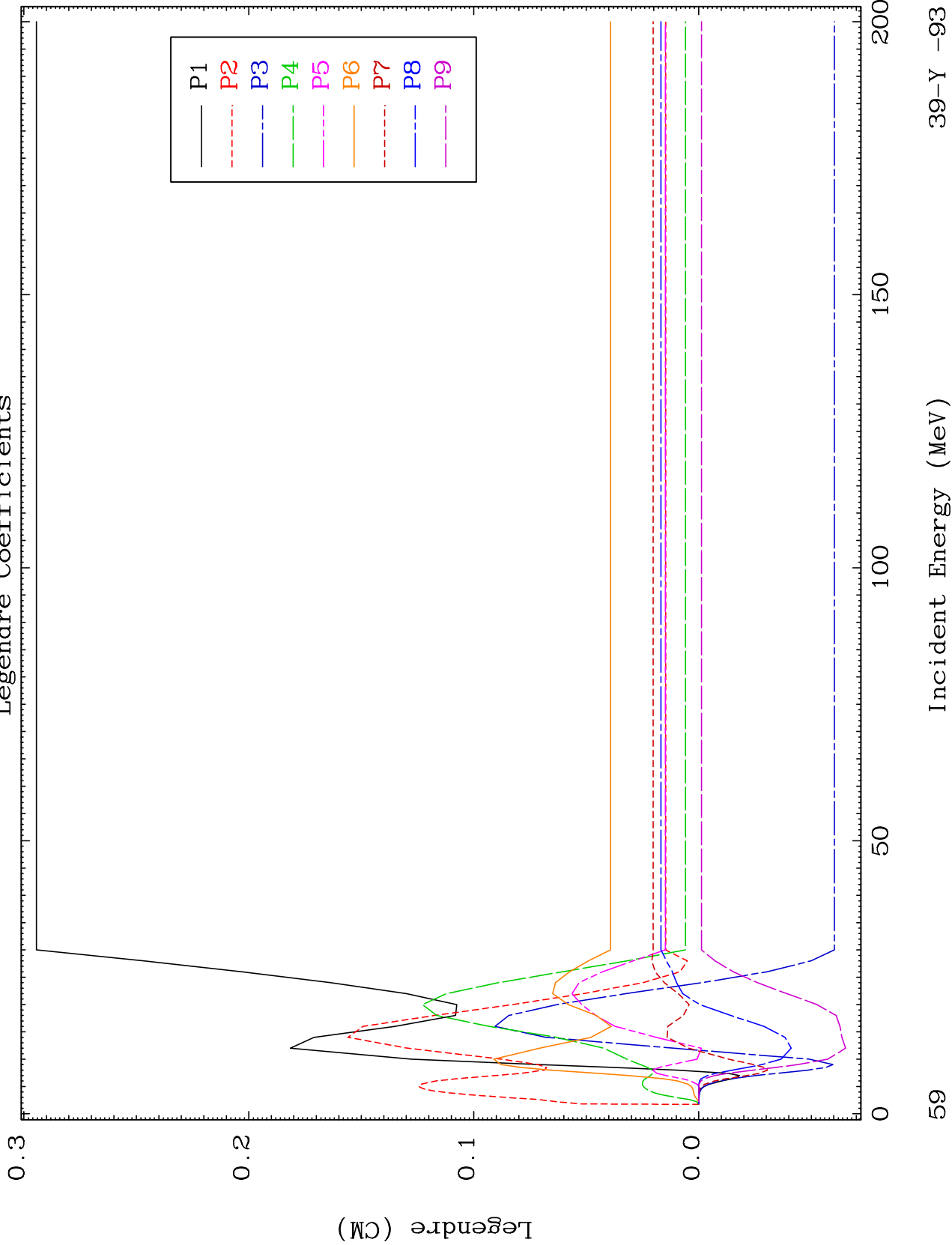
Incident Energy (MeV)

39-Y -93

MAT 3937

1.696 MeV (n,n') Level
Legendre Coefficients

39-Y -93



59

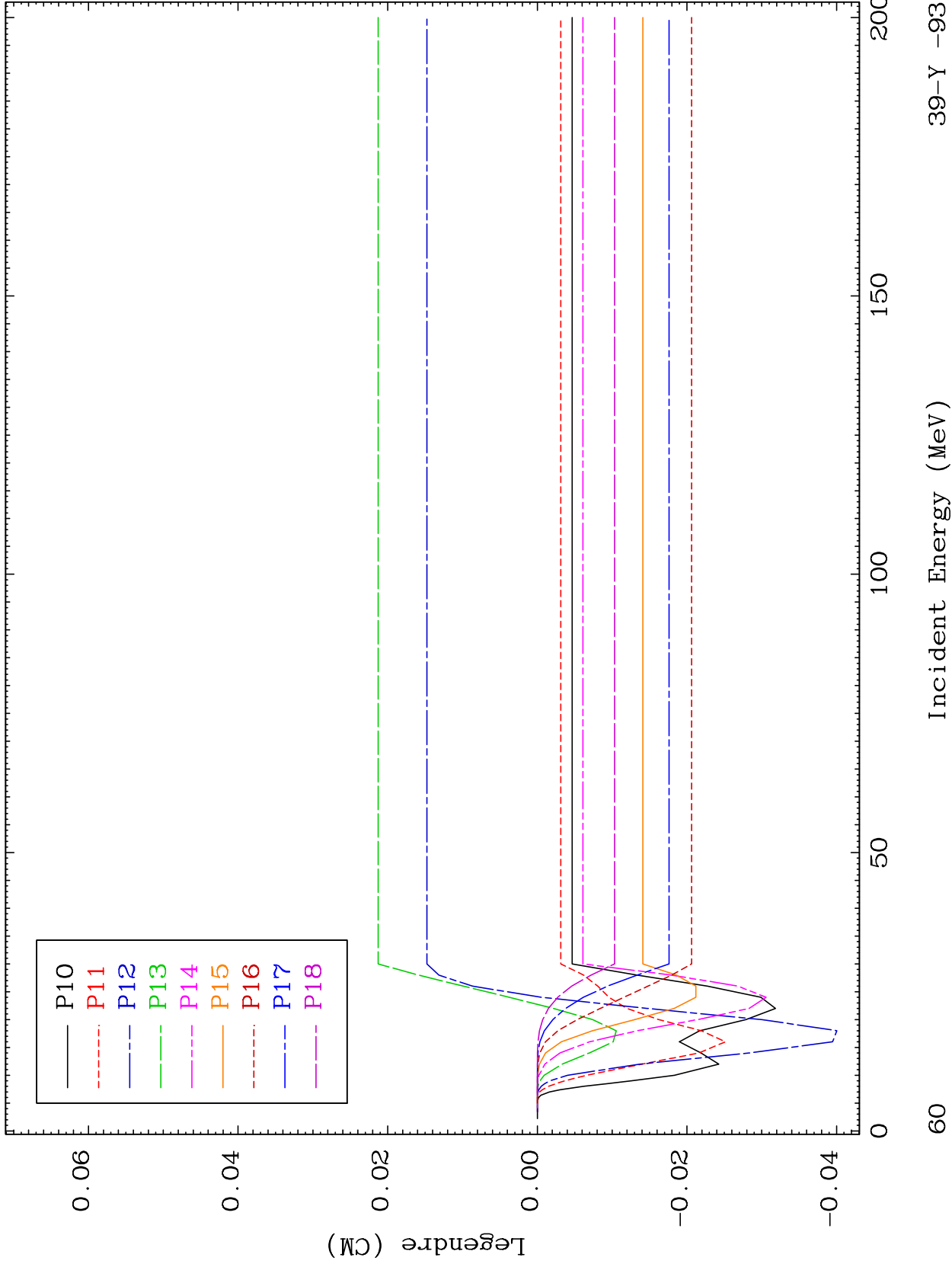
Incident Energy (MeV)

39-Y -93

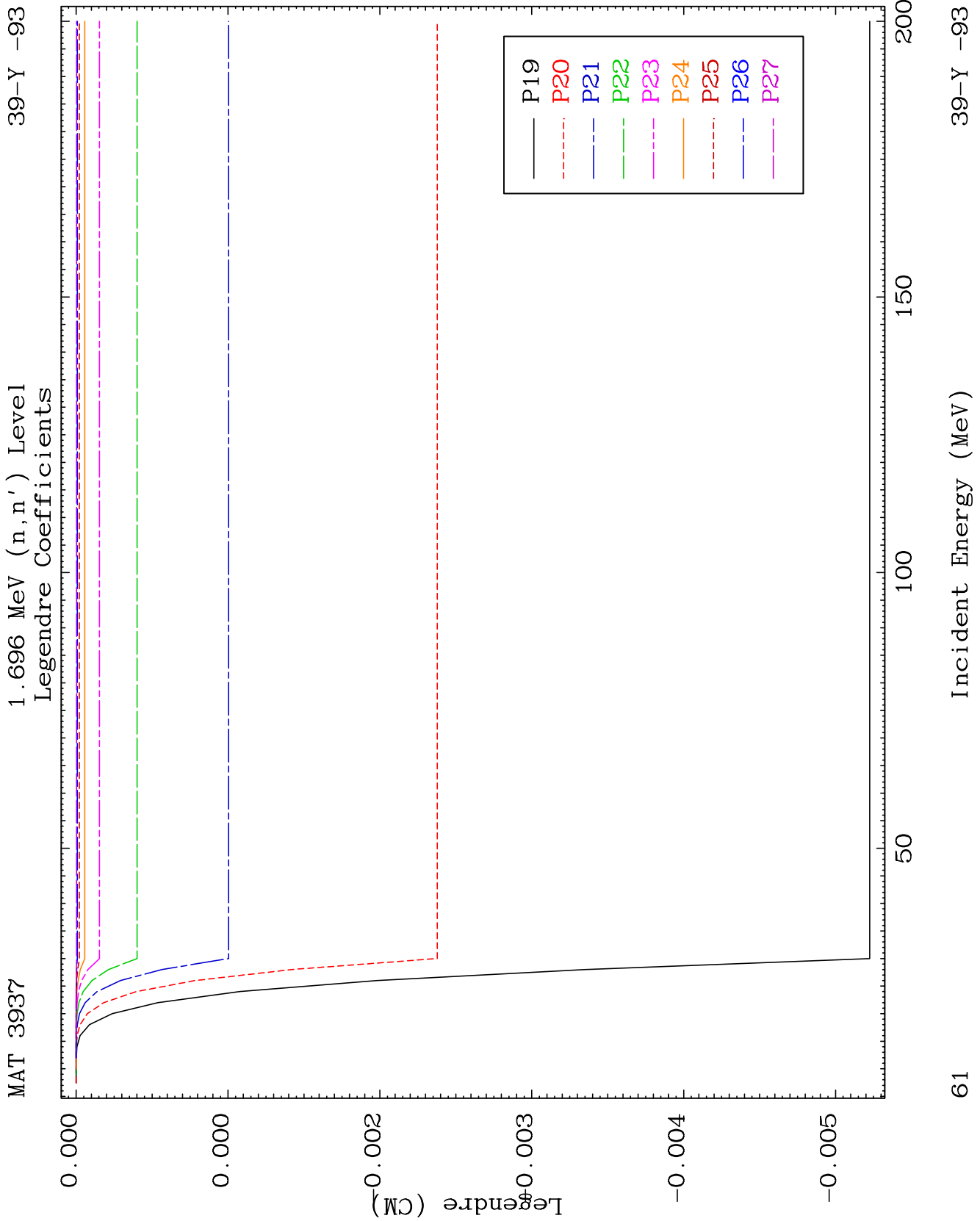
MAT 3937

1.696 MeV (n,n') Level
Legendre Coefficients

39-Y -93



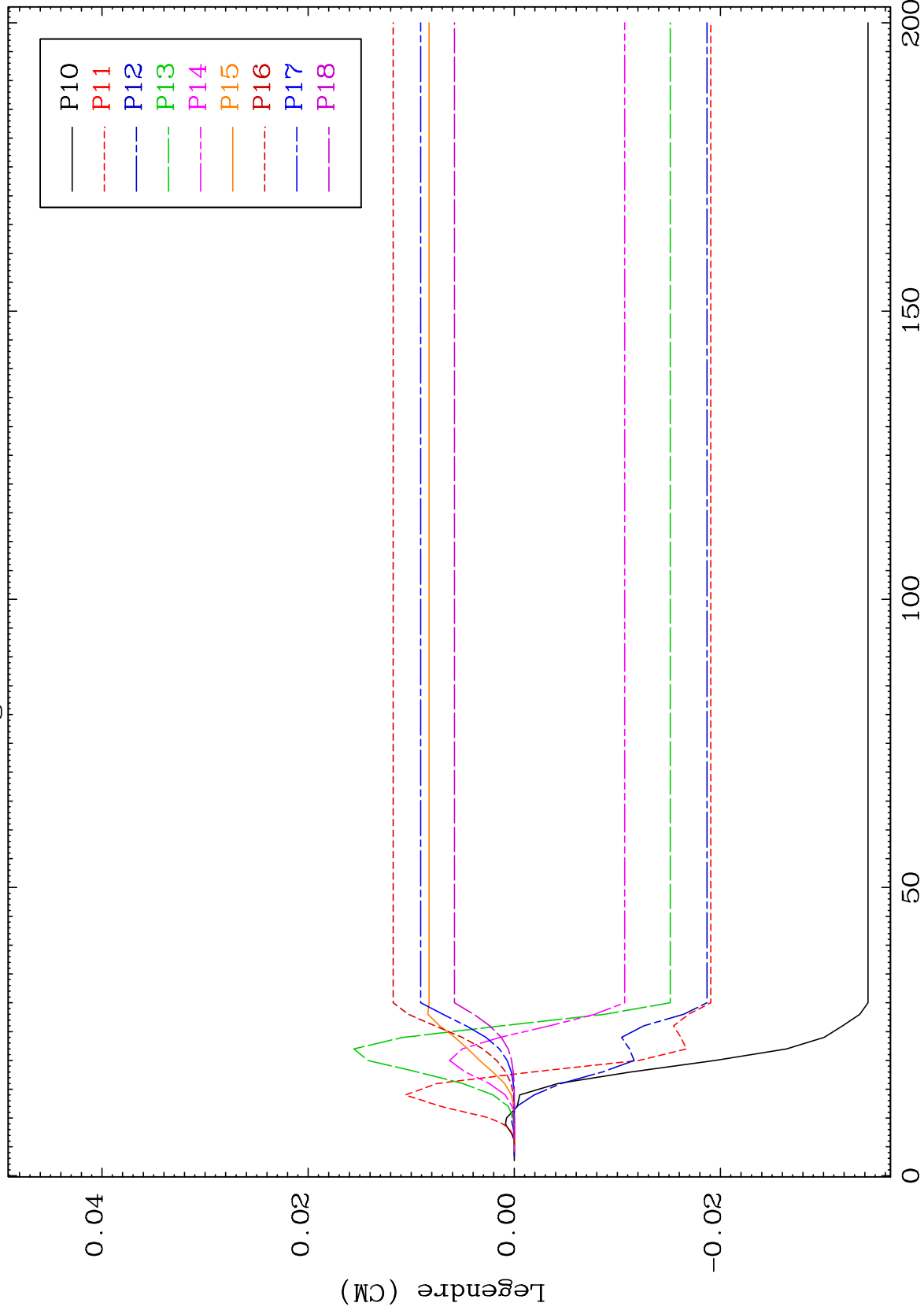
39-Y -93



MAT 3937

1.786 MeV (n,n') Level
Legendre Coefficients

39-Y -93



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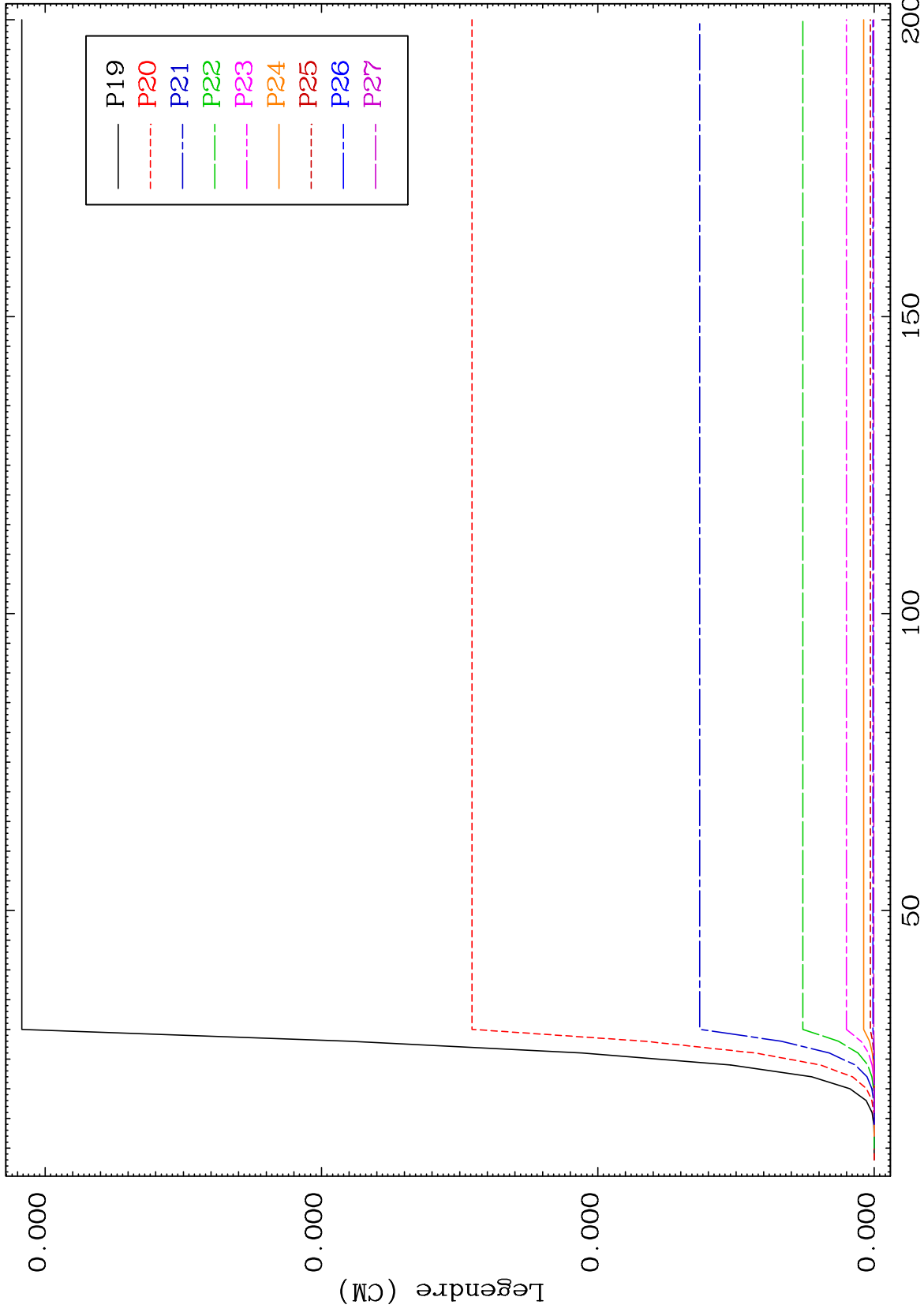
Incident Energy (MeV)

39-Y -93

MAT 3937

1.786 MeV (n,n') Level Legendre Coefficients

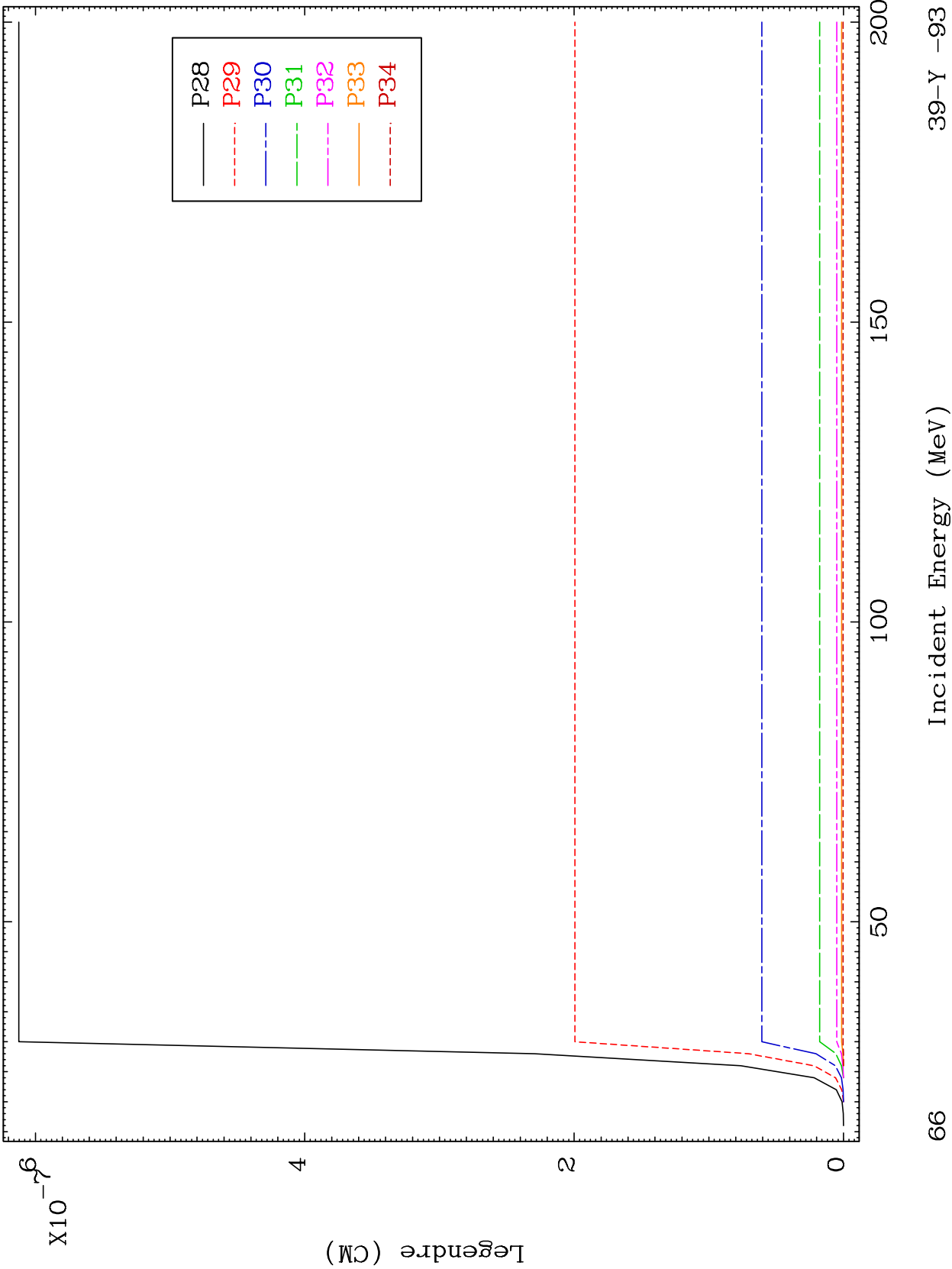
39-Y -93

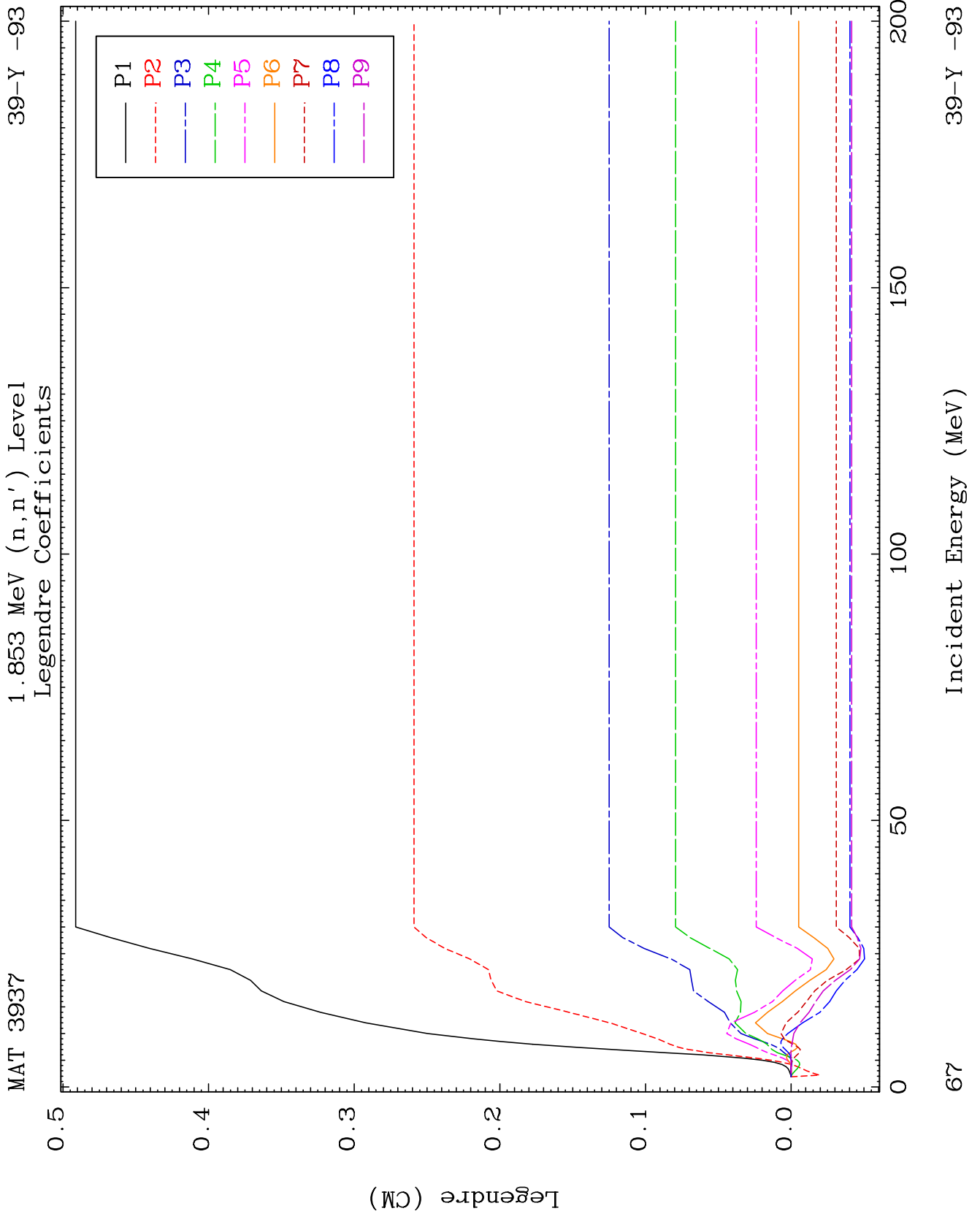


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Incident Energy (MeV)

39-Y -93

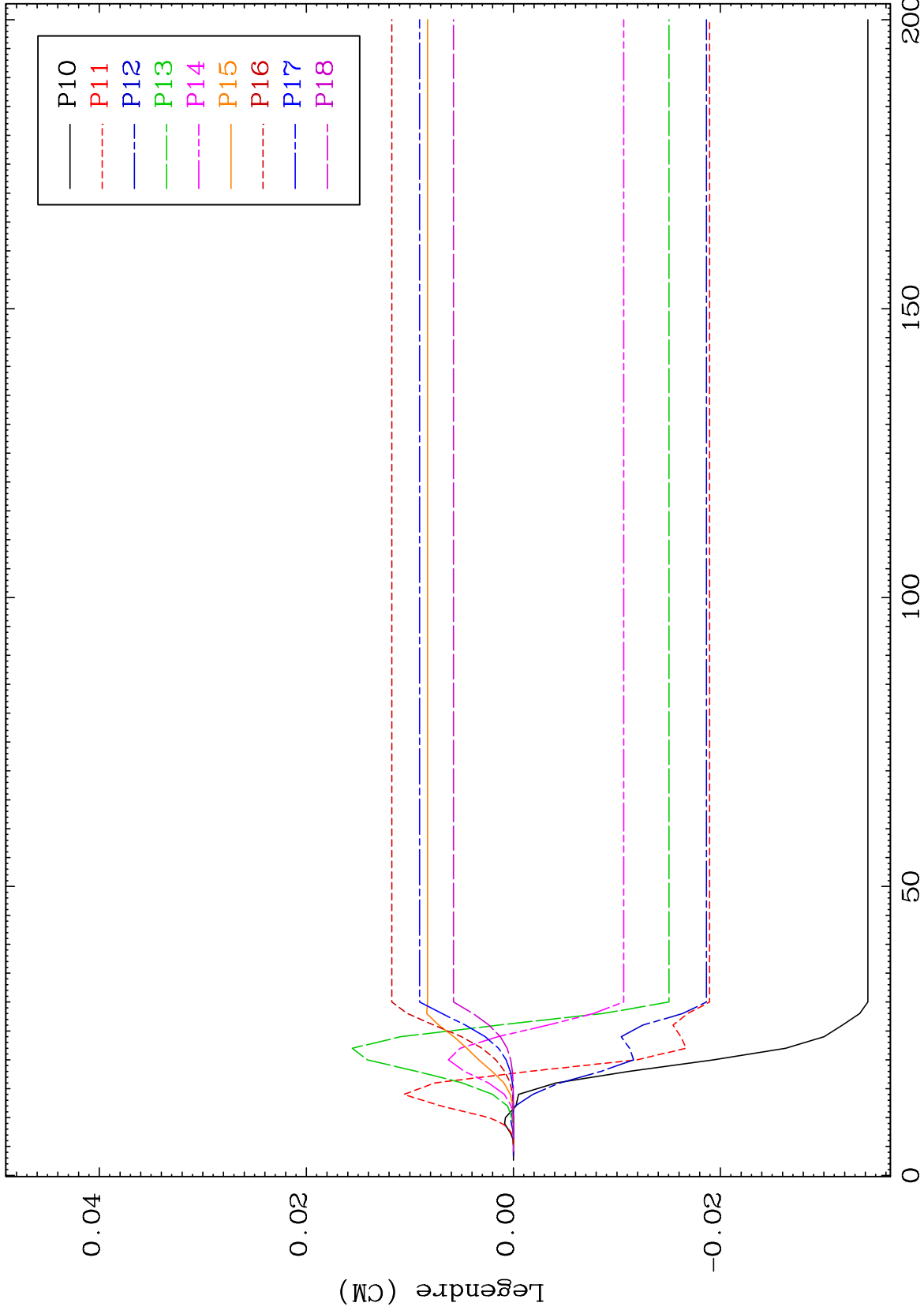




MAT 3937

1.853 MeV (n,n') Level
Legendre Coefficients

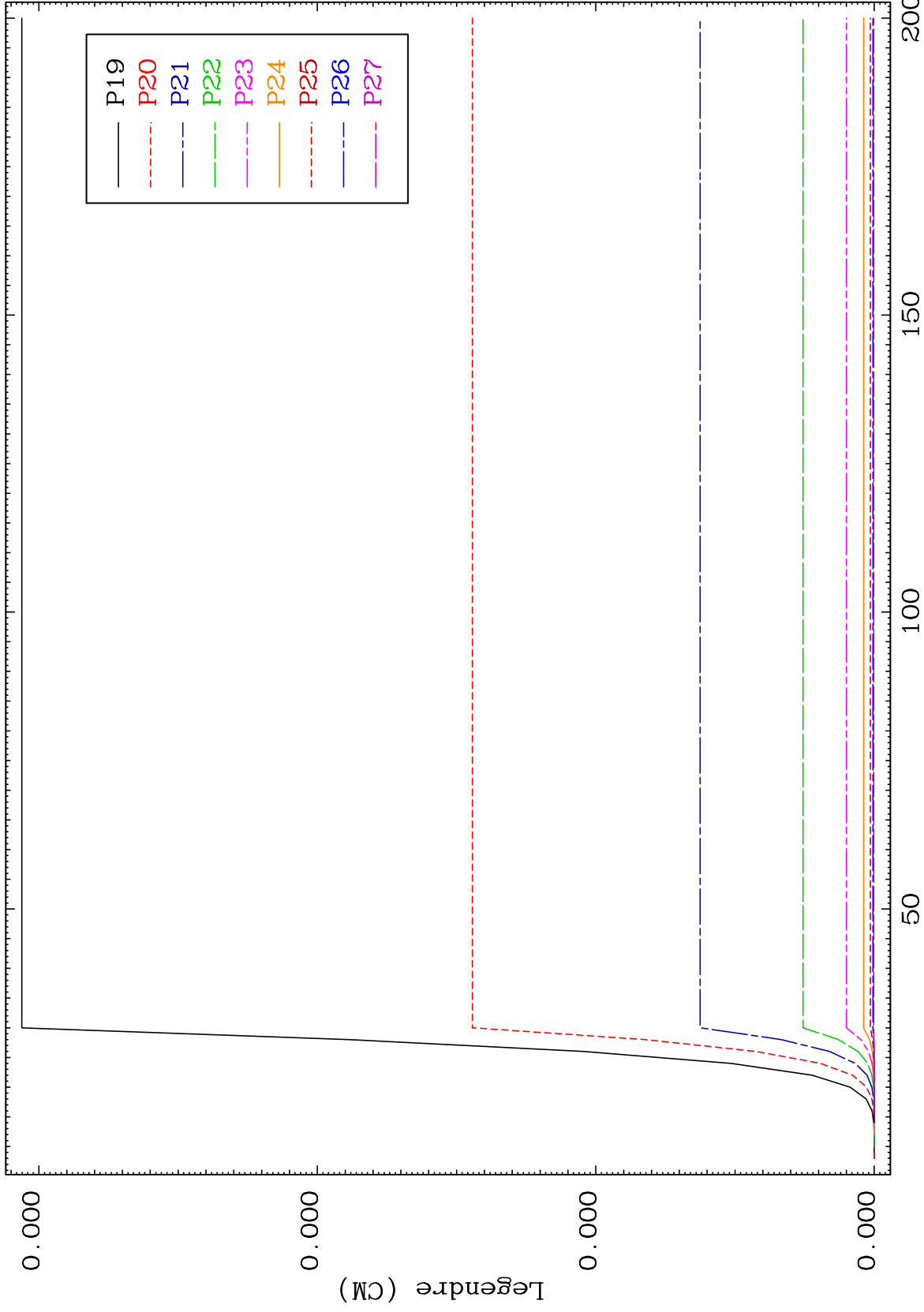
39-Y -93

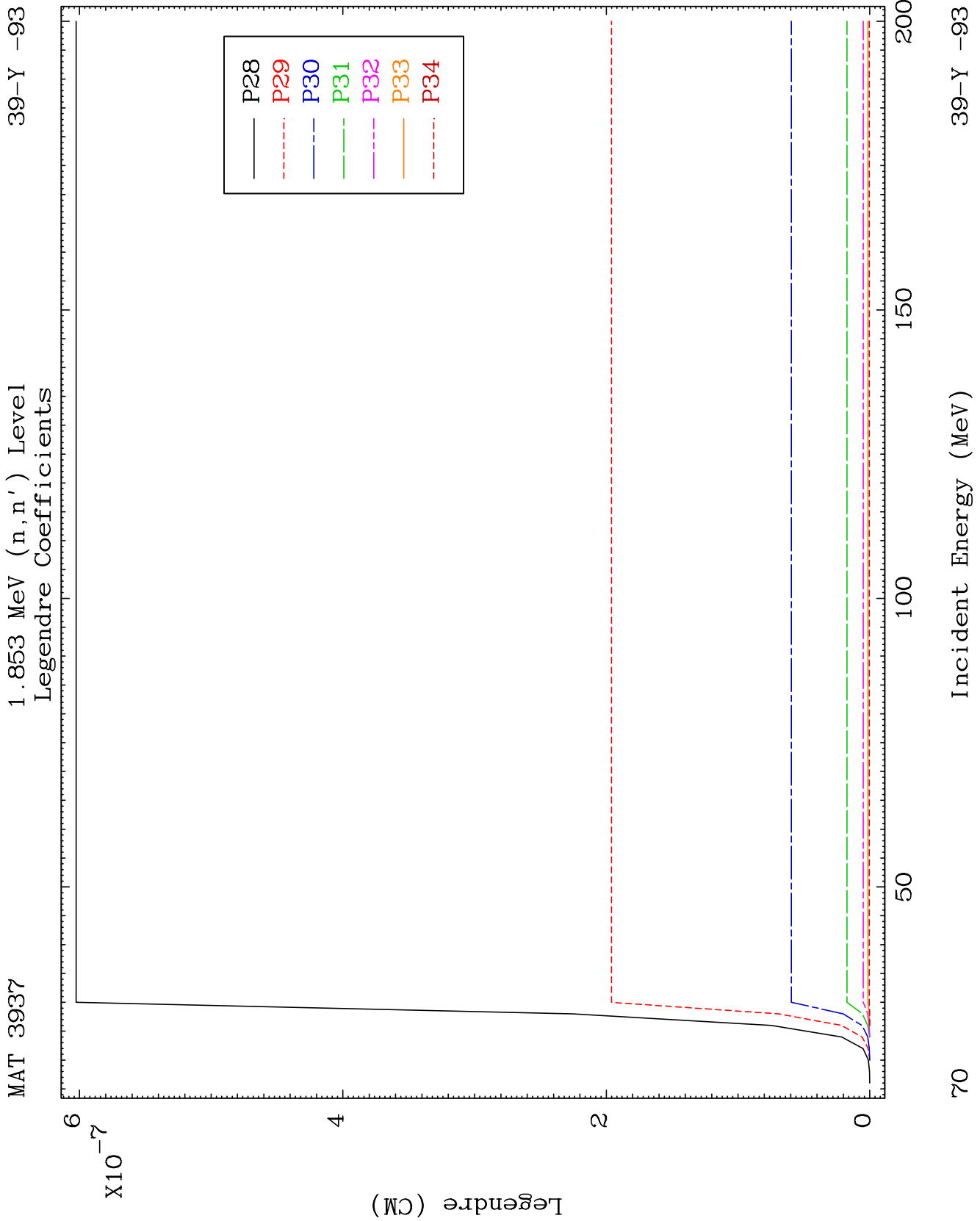


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Incident Energy (MeV)

39-Y -93

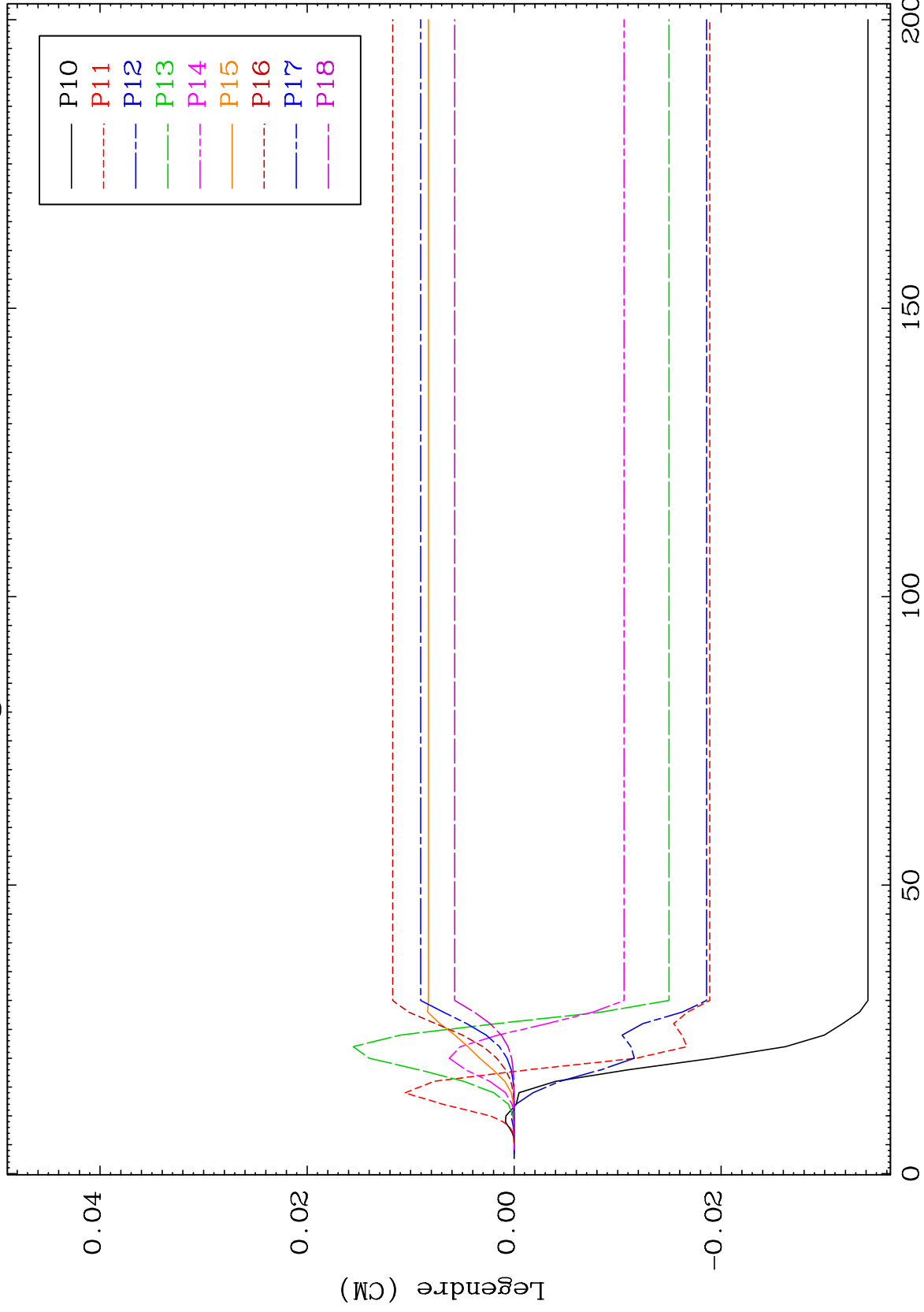




MAT 3937

1.911 MeV (n,n') Level
Legendre Coefficients

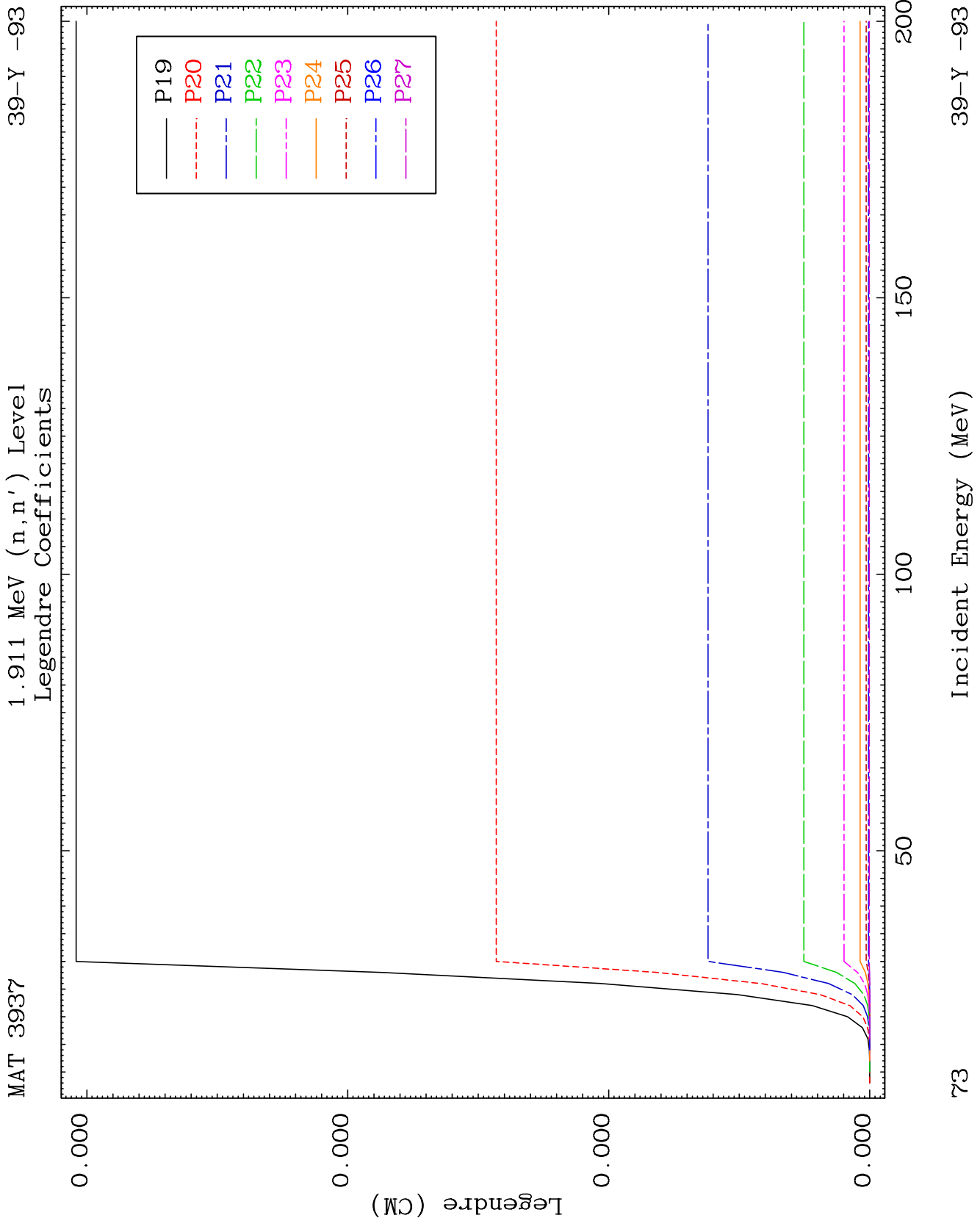
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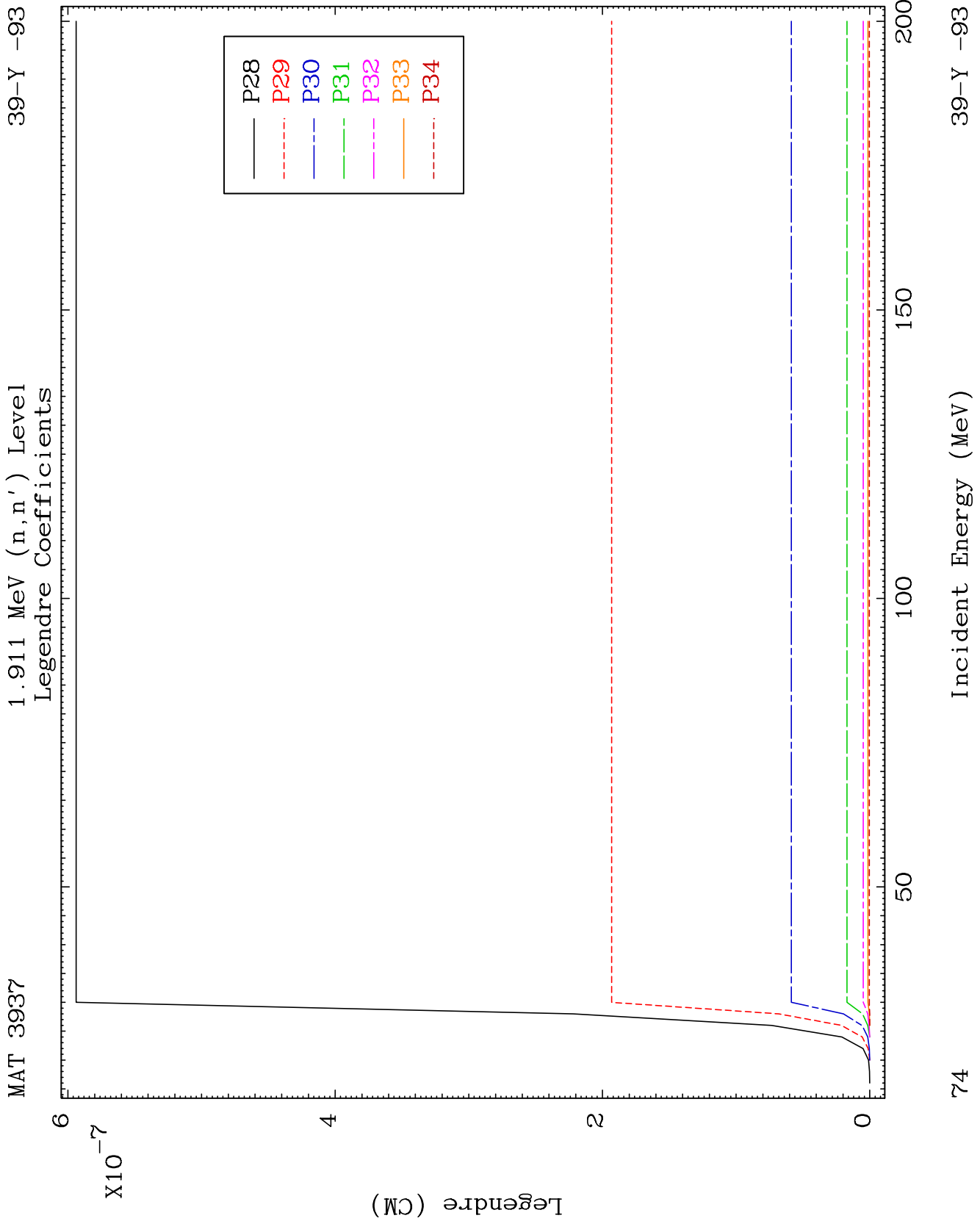


72

Incident Energy (MeV)

39-Y -93

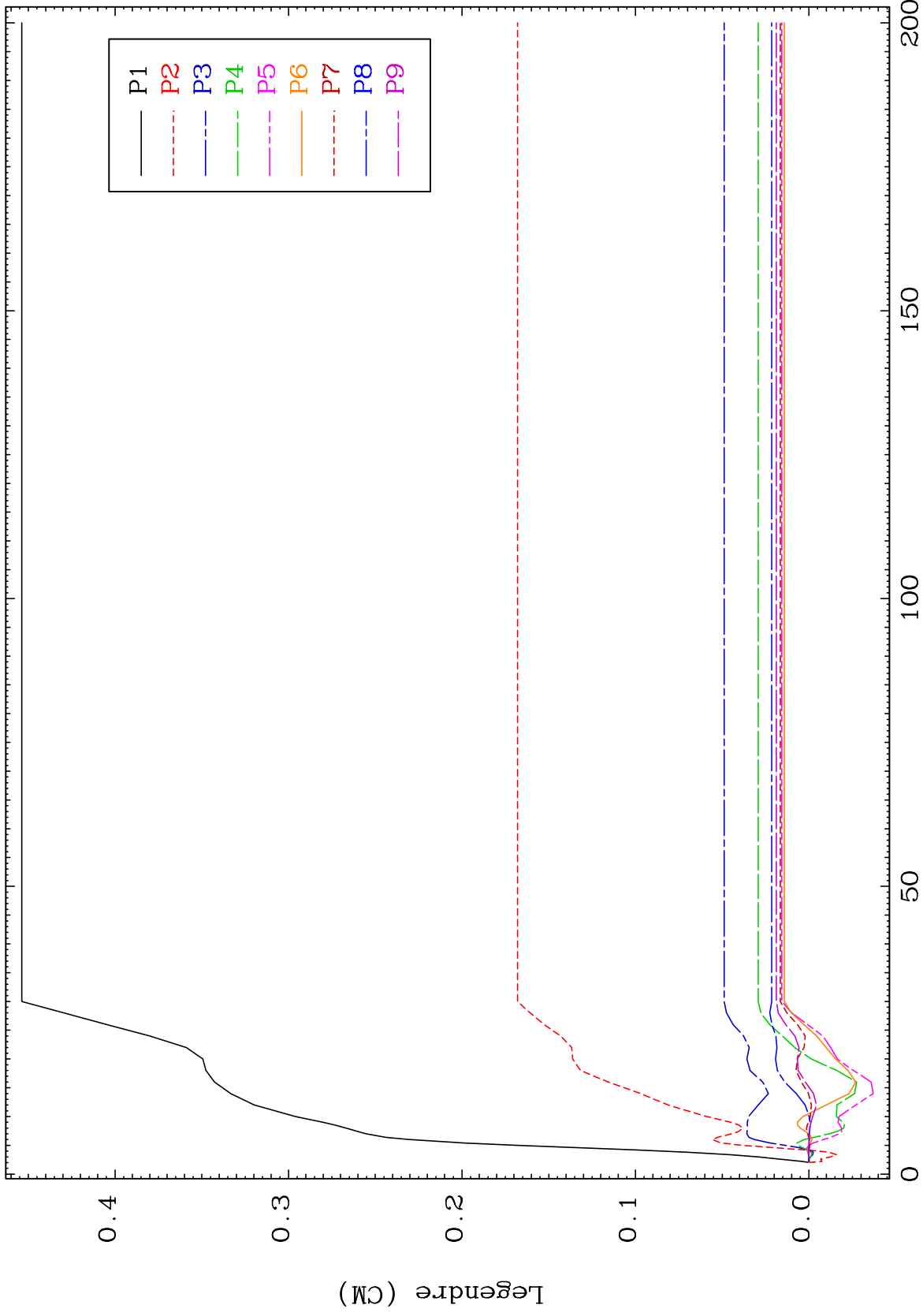




MAT 3937

2.000 MeV (n,n') Level
Legendre Coefficients

39-Y -93



75

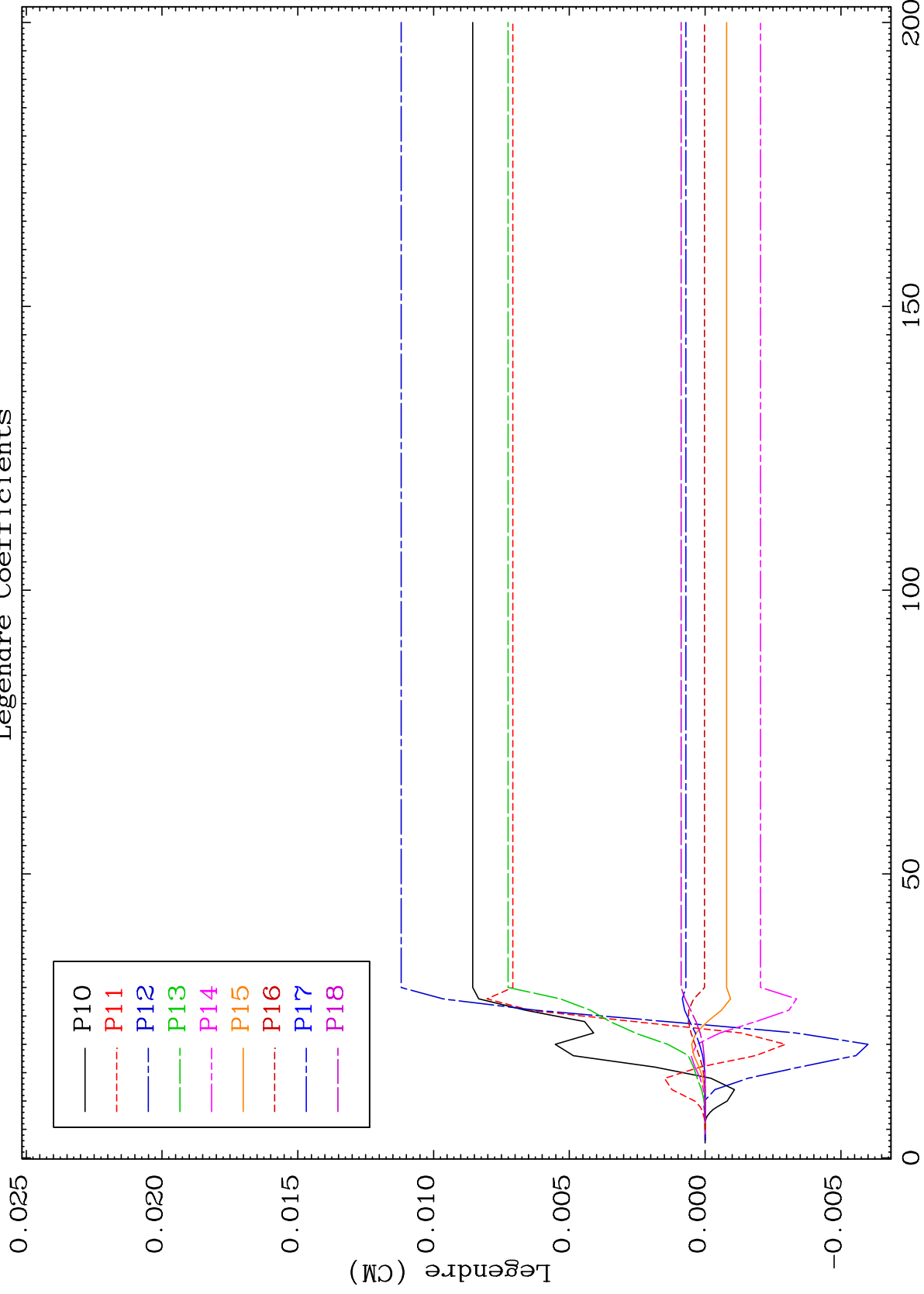
Incident Energy (MeV)

39-Y -93

MAT 3937

2.000 MeV (n,n') Level
Legendre Coefficients

39-Y -93



76

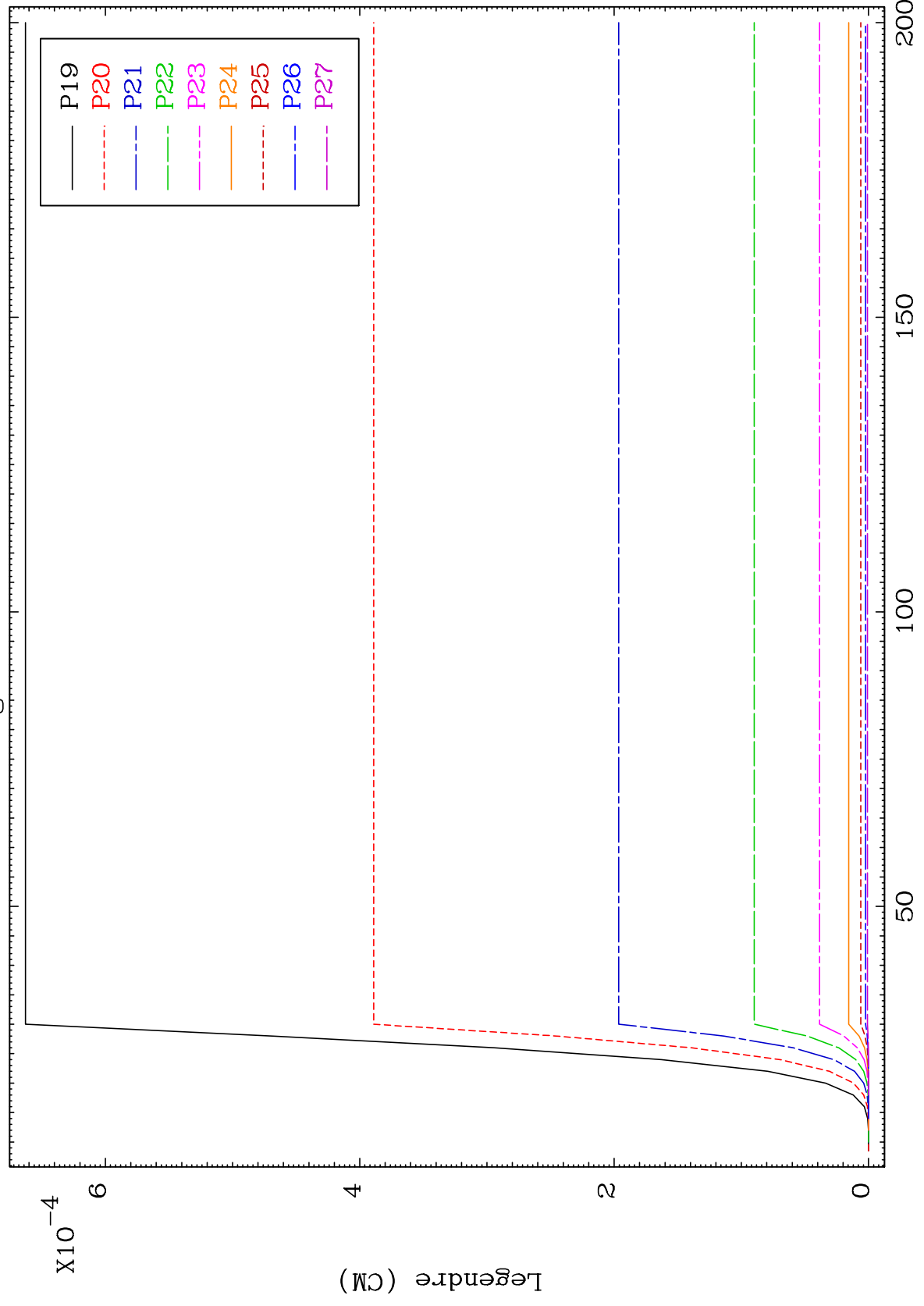
Incident Energy (MeV)

39-Y -93

MAT 3937

2.000 MeV (n,n') Level
Legendre Coefficients

39-Y -93



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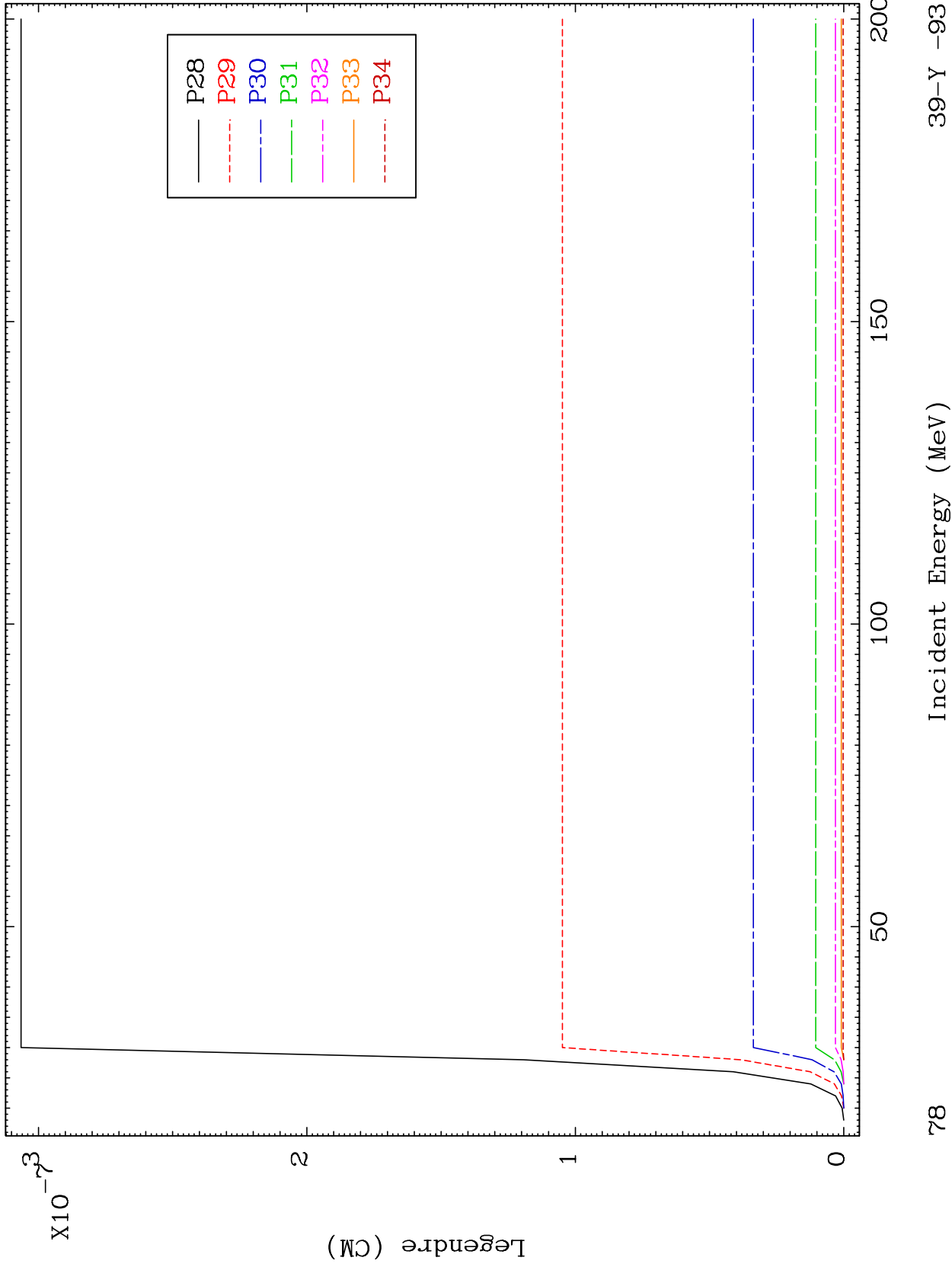
Incident Energy (MeV)

39-Y -93

MAT 3937

2.000 MeV (n,n') Level
Legendre Coefficients

39-Y -93



78

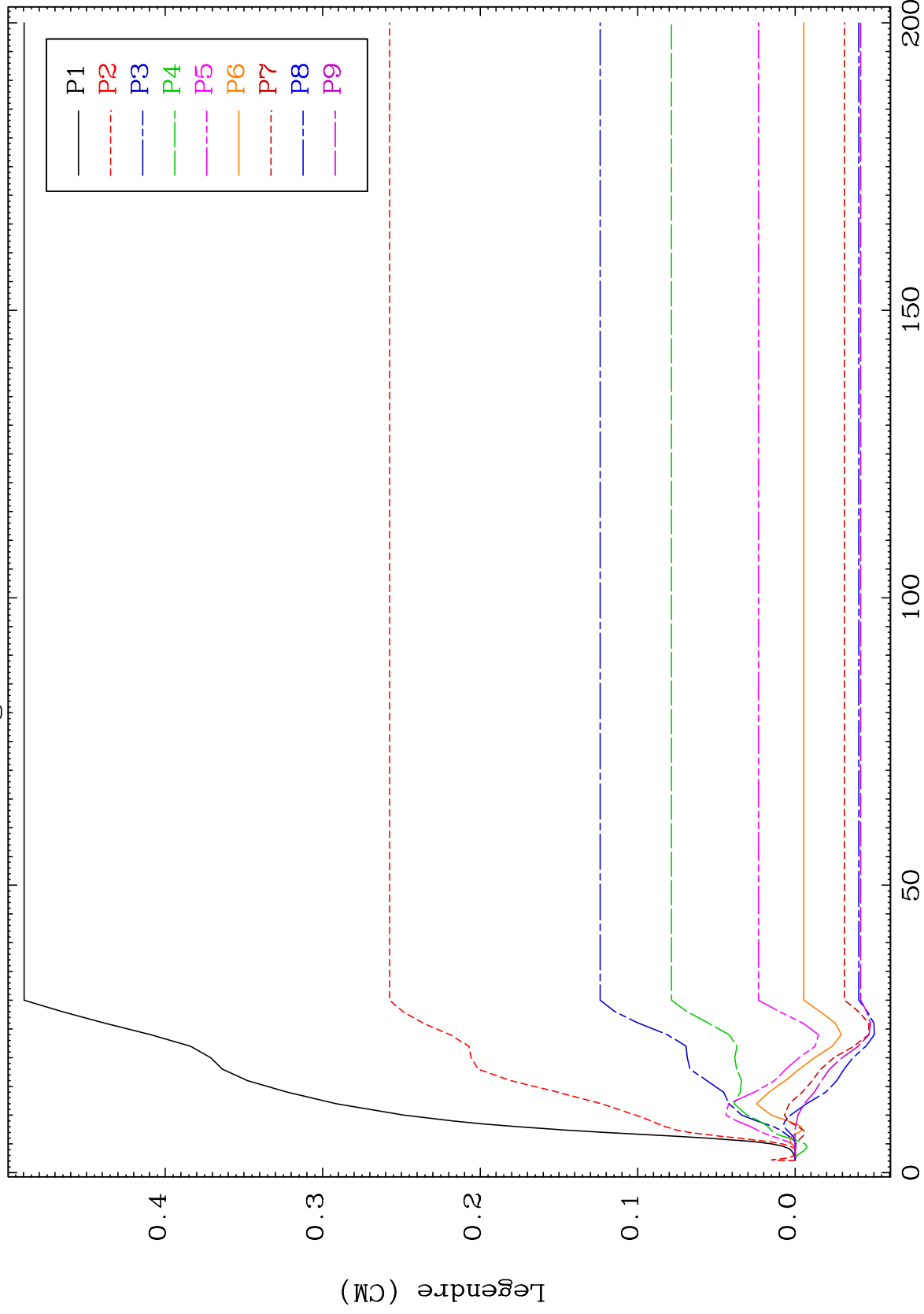
Incident Energy (MeV)

39-Y -93

MAT 3937

2.057 MeV (n,n') Level
Legendre Coefficients

39-Y -93



79

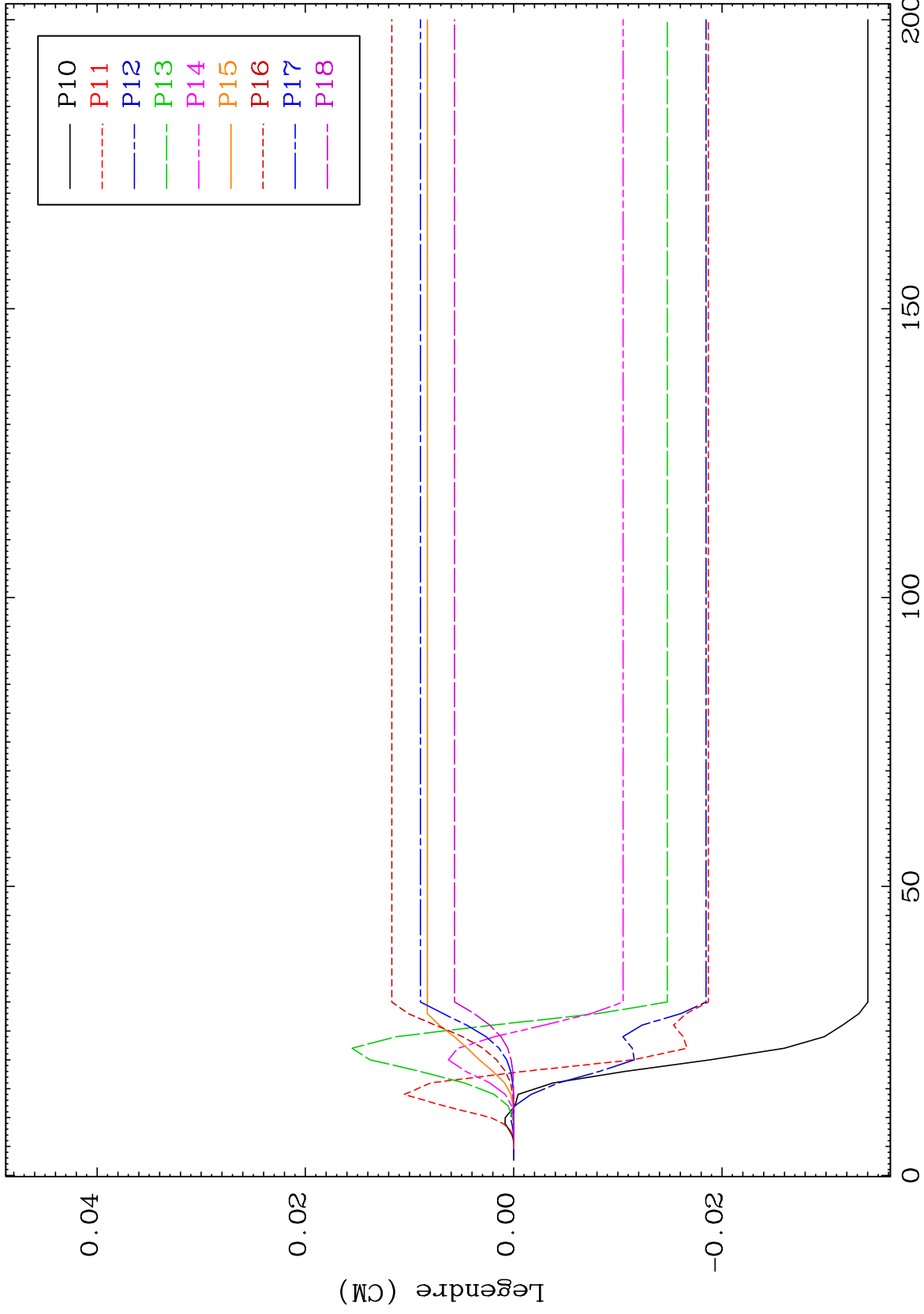
Incident Energy (MeV)

39-Y -93

MAT 3937

2.057 MeV (n,n') Level
Legendre Coefficients

39-Y -93



80

Incident Energy (MeV)

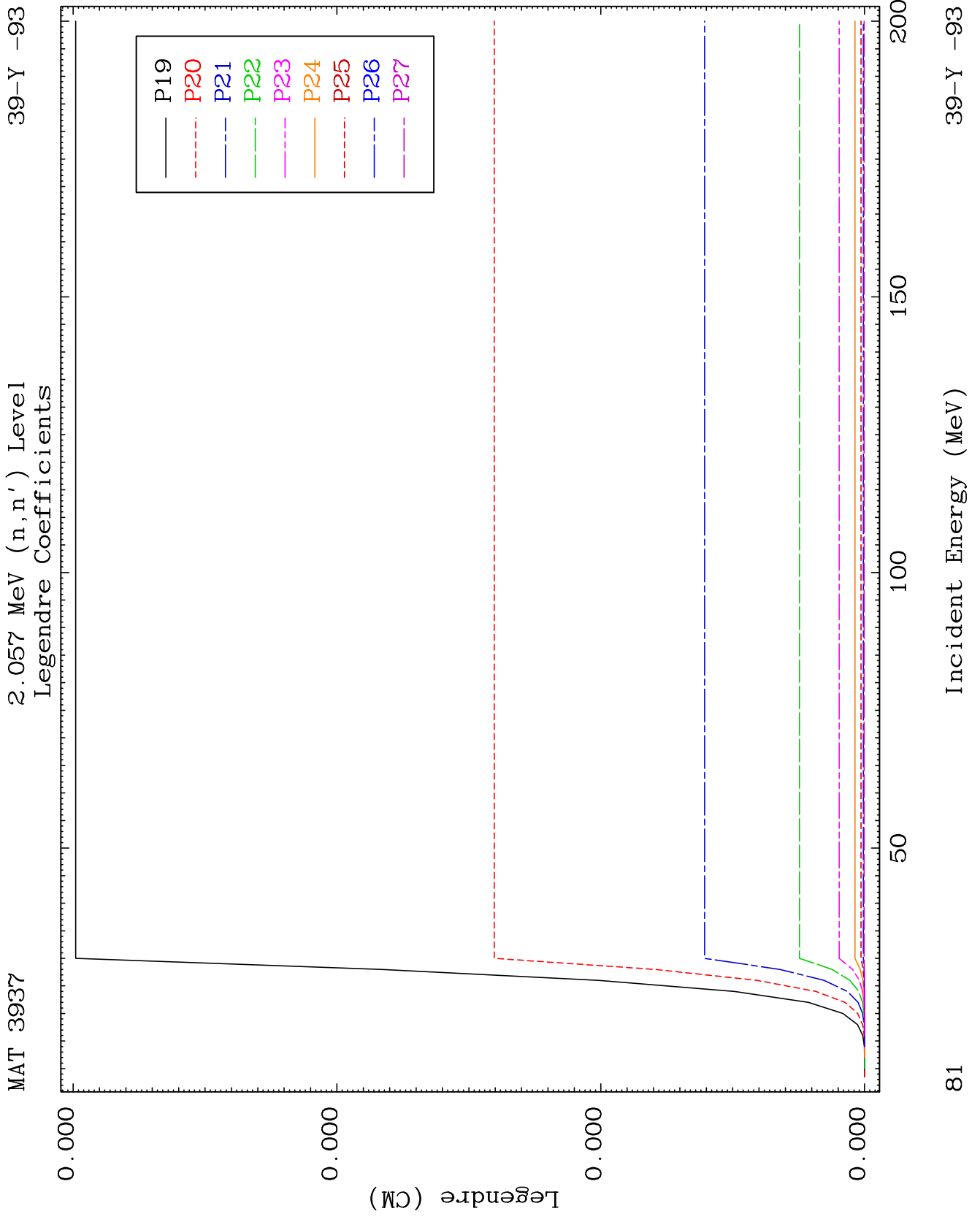
50

100

150

200

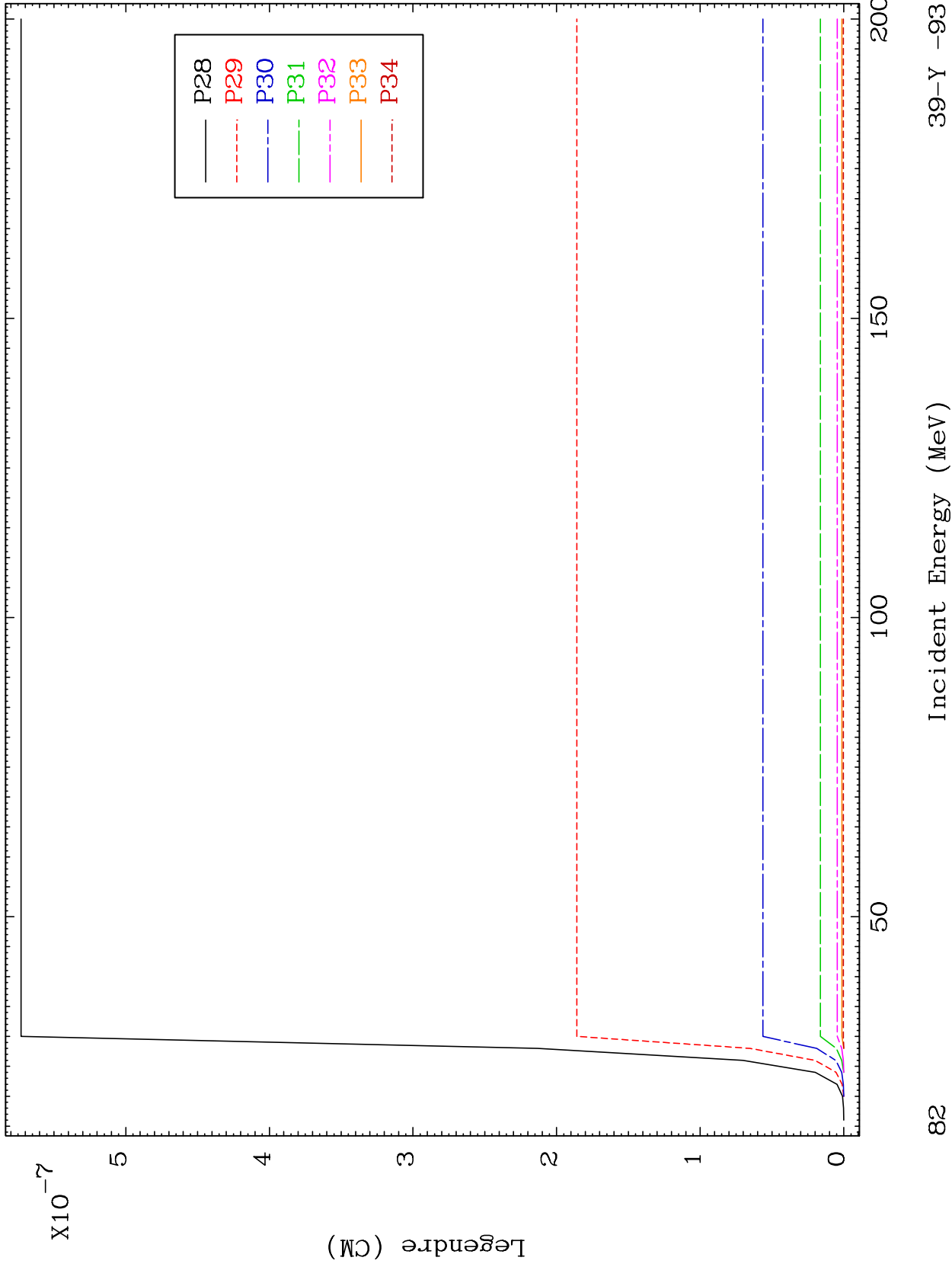
39-Y -93



MAT 3937

2.057 MeV (n,n') Level
Legendre Coefficients

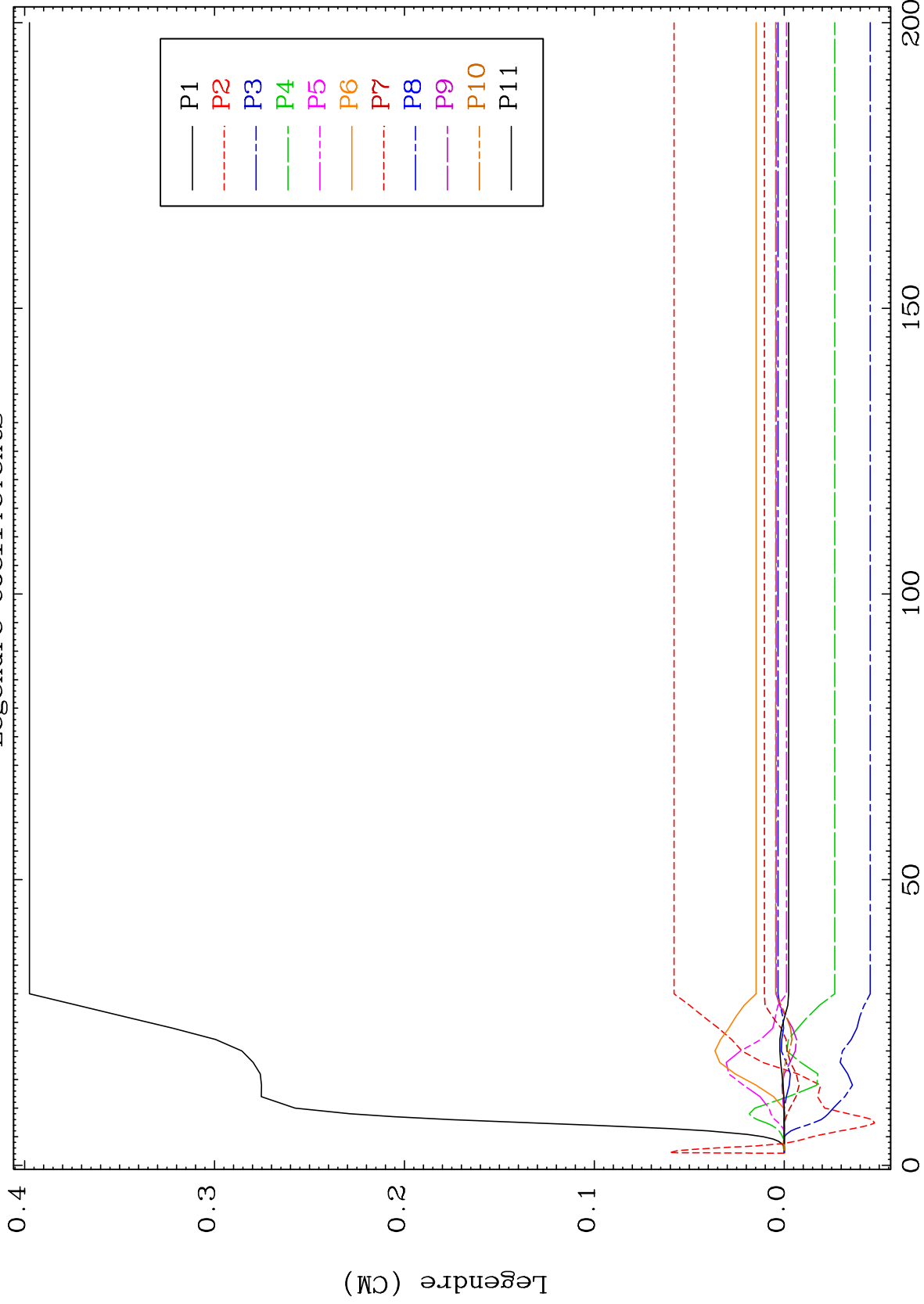
39-Y -93

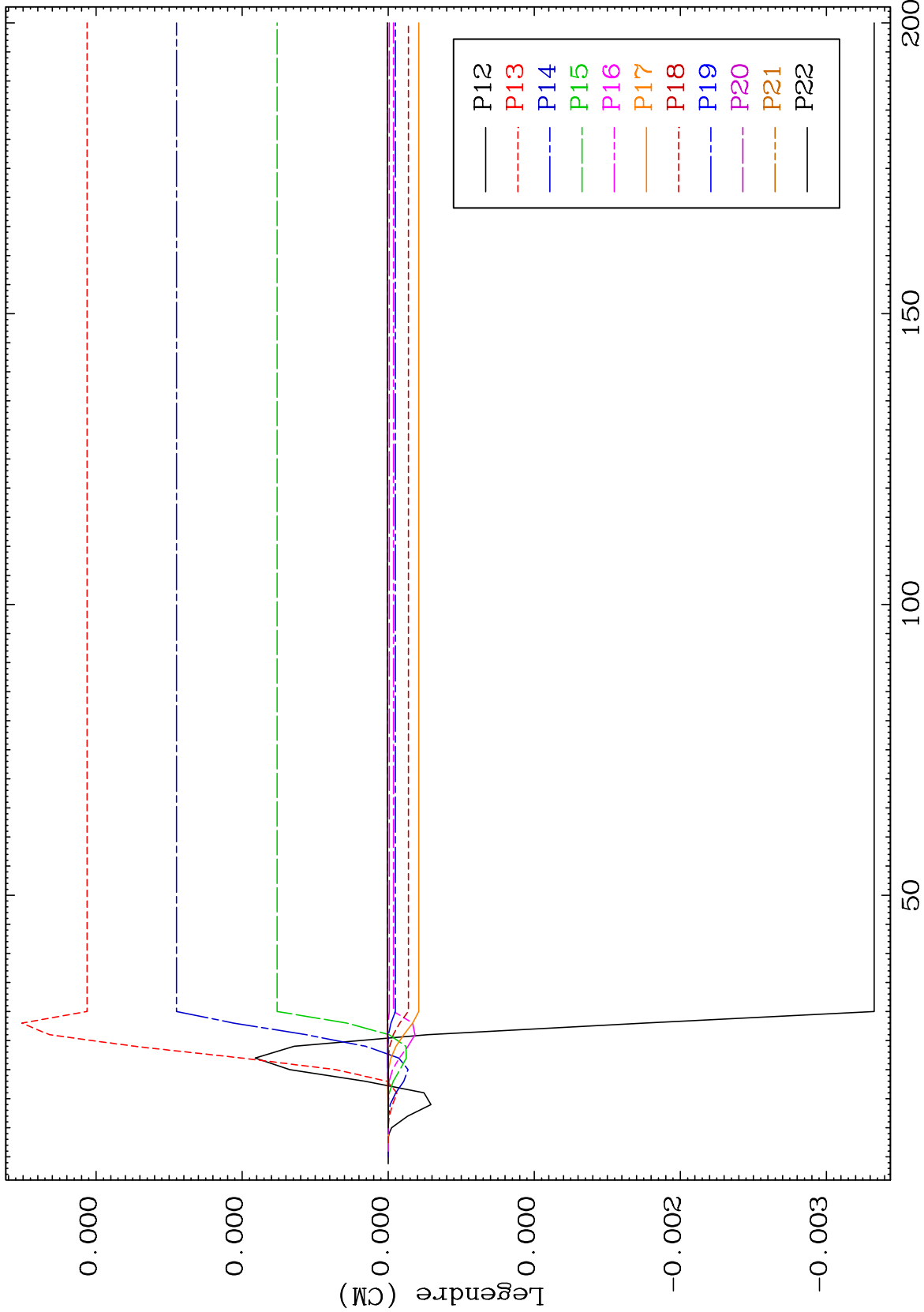


82

Incident Energy (MeV)

39-Y -93

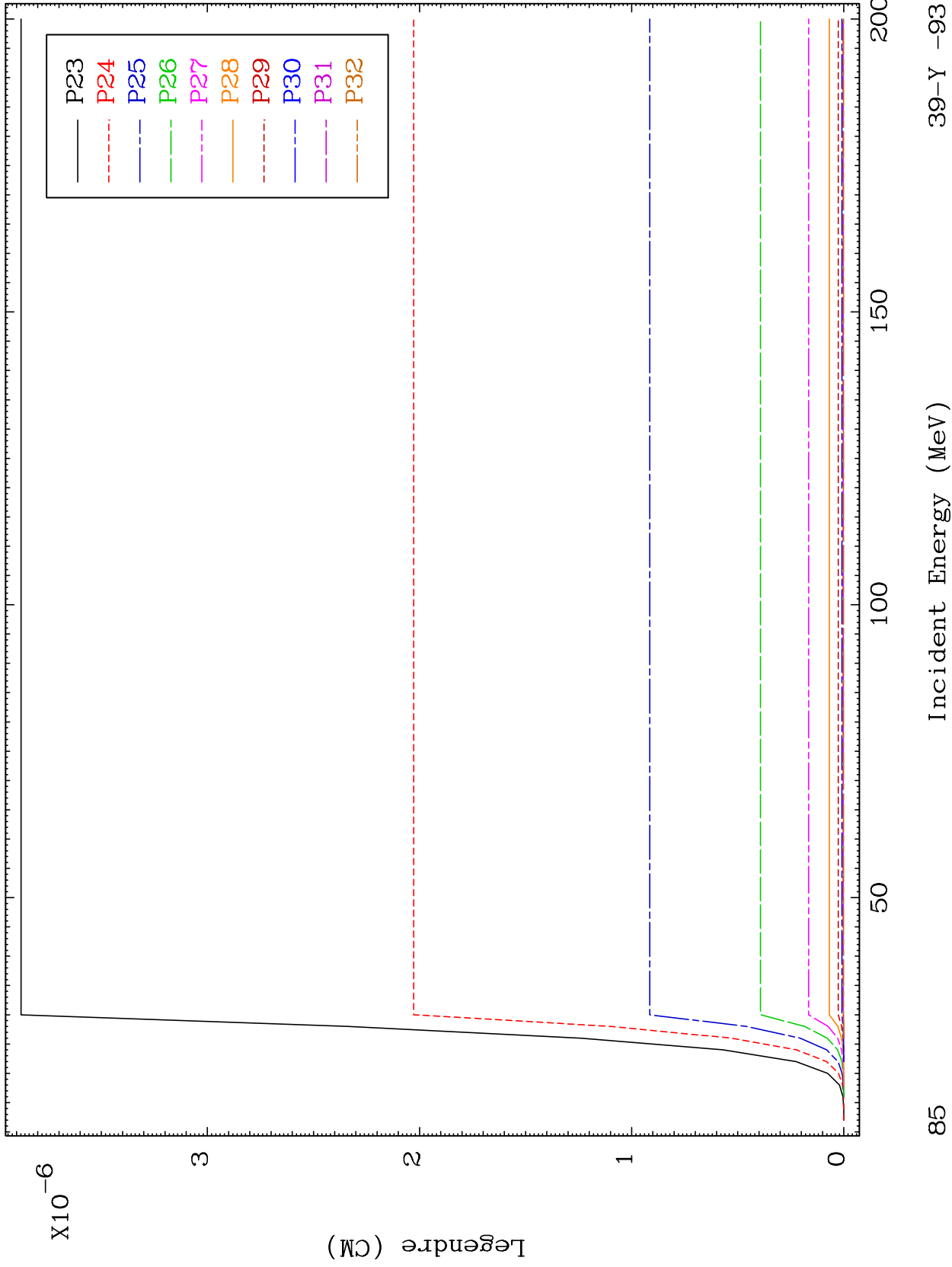




MAT 3937

2.070 MeV (n,n') Level
Legendre Coefficients

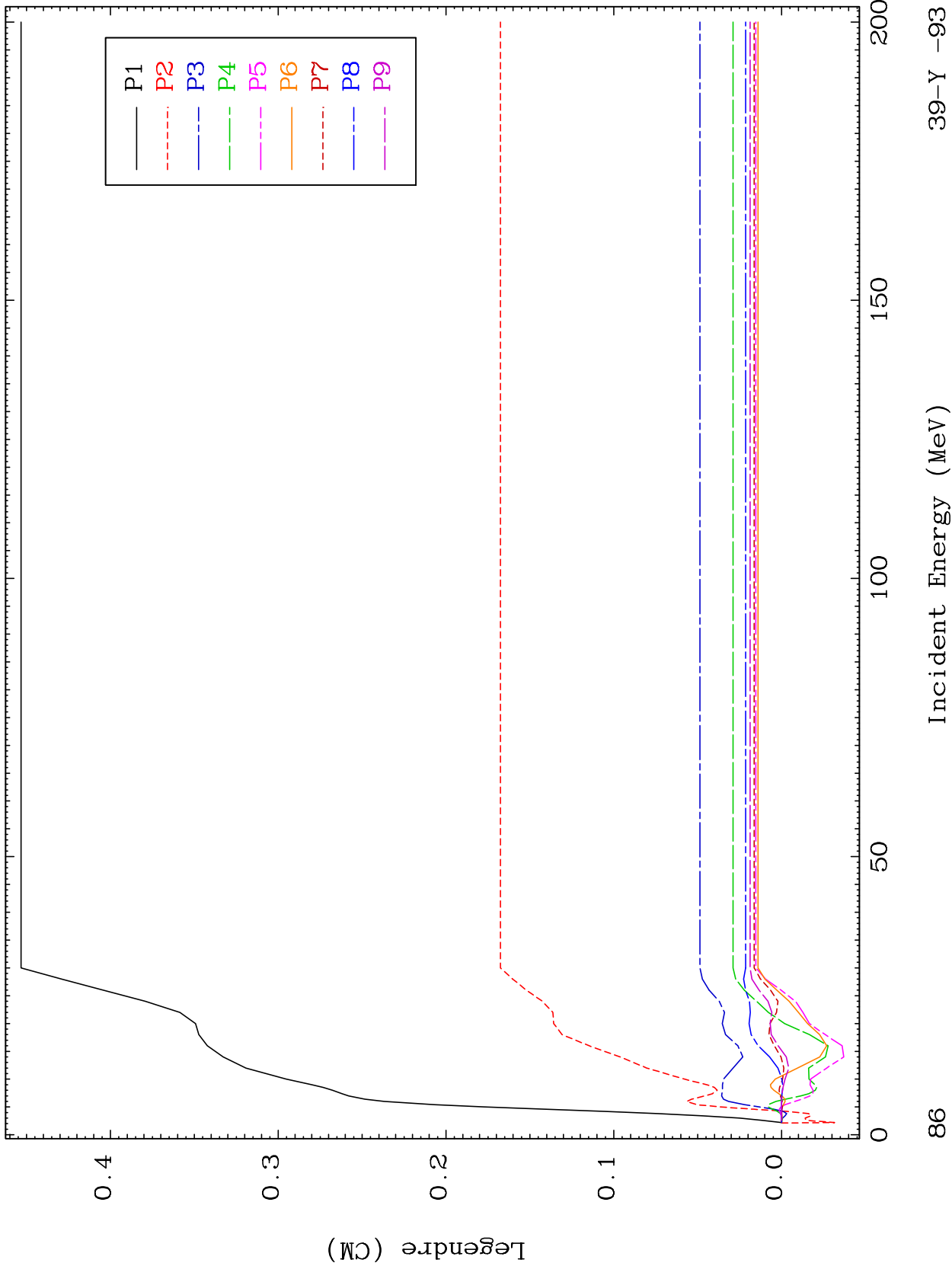
39-Y -93



85

Incident Energy (MeV)

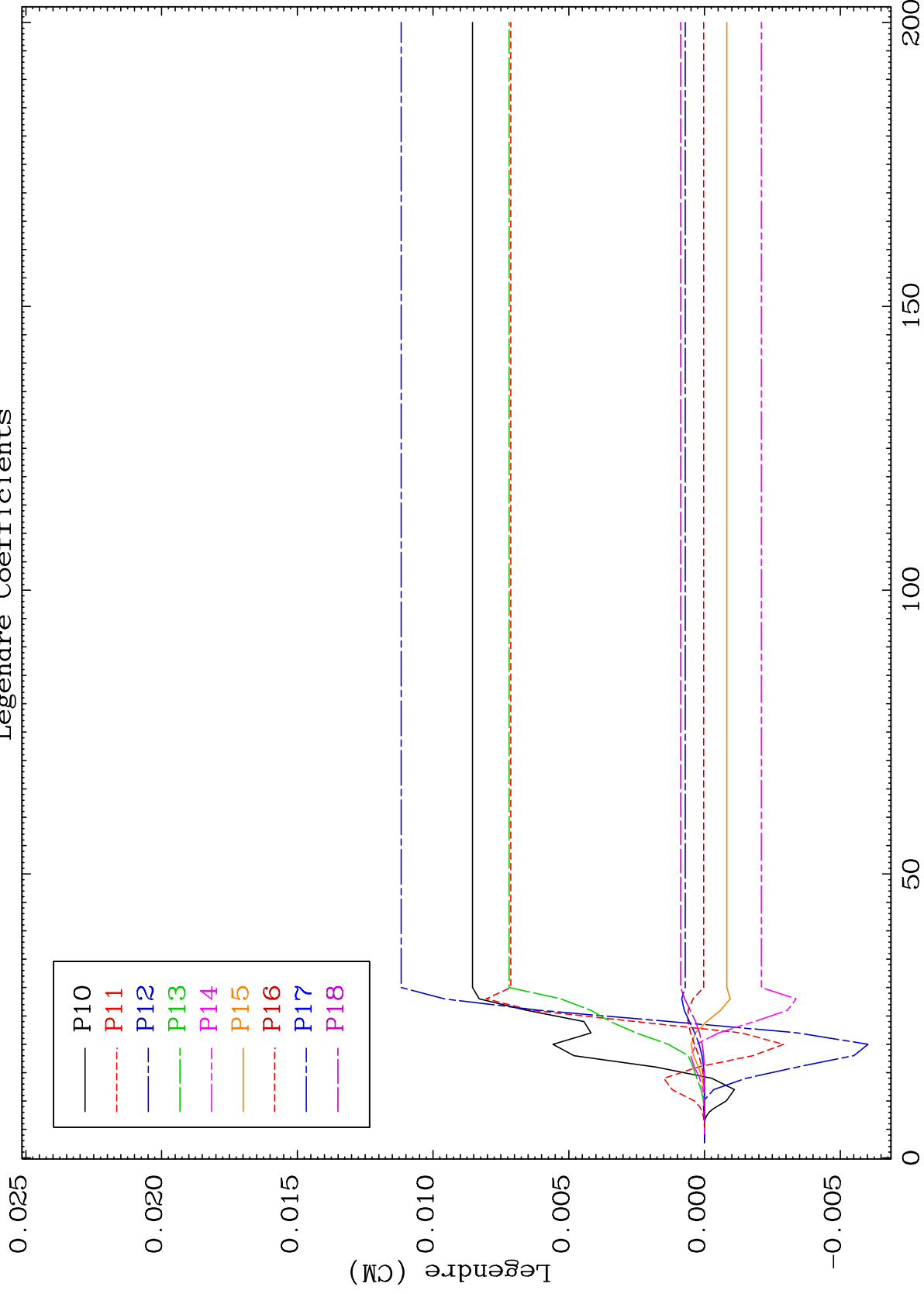
39-Y -93



MAT 3937

2.091 MeV (n,n') Level
Legendre Coefficients

39-Y -93



87

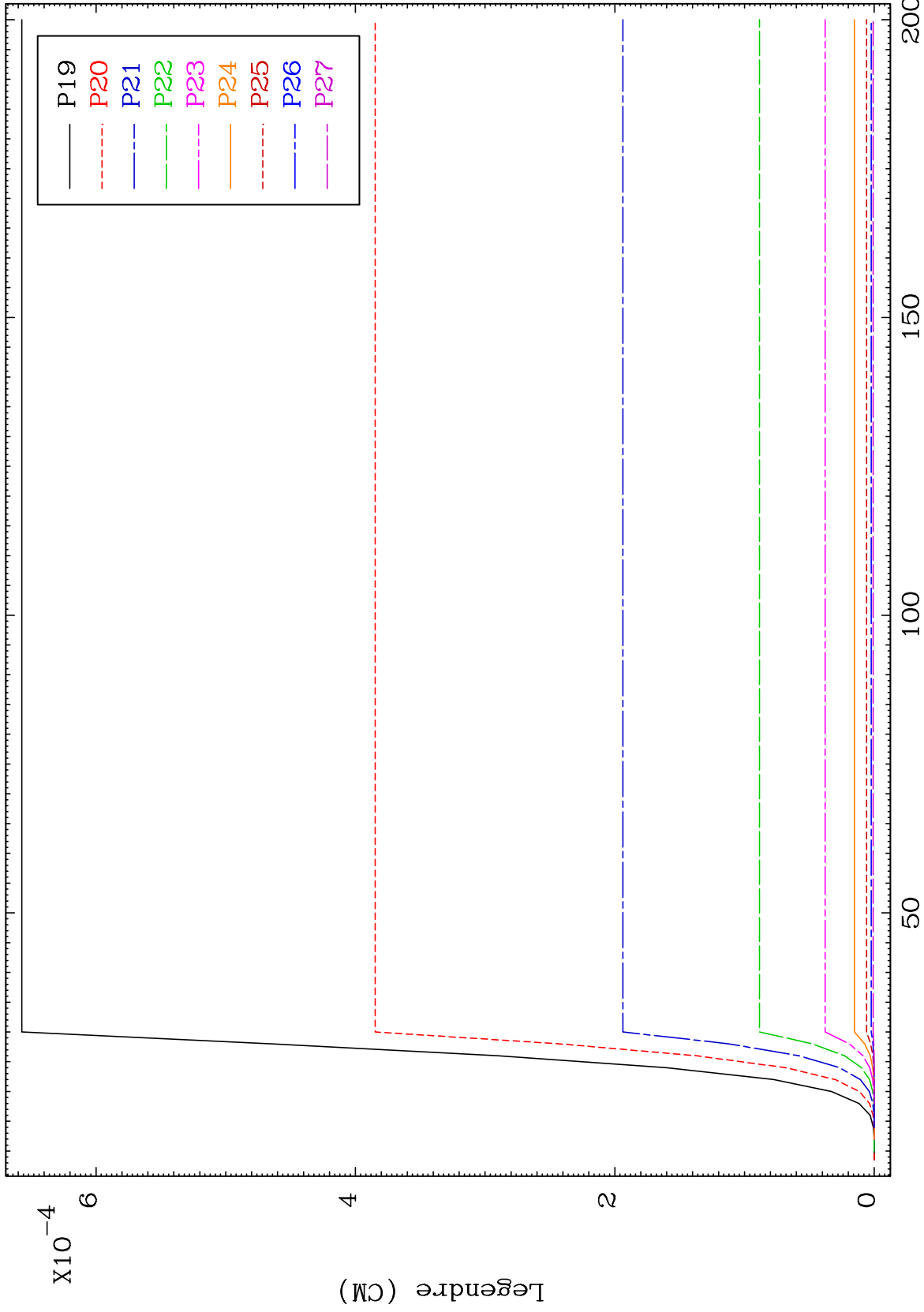
Incident Energy (MeV)

39-Y -93

MAT 3937

2.091 MeV (n,n') Level
Legendre Coefficients

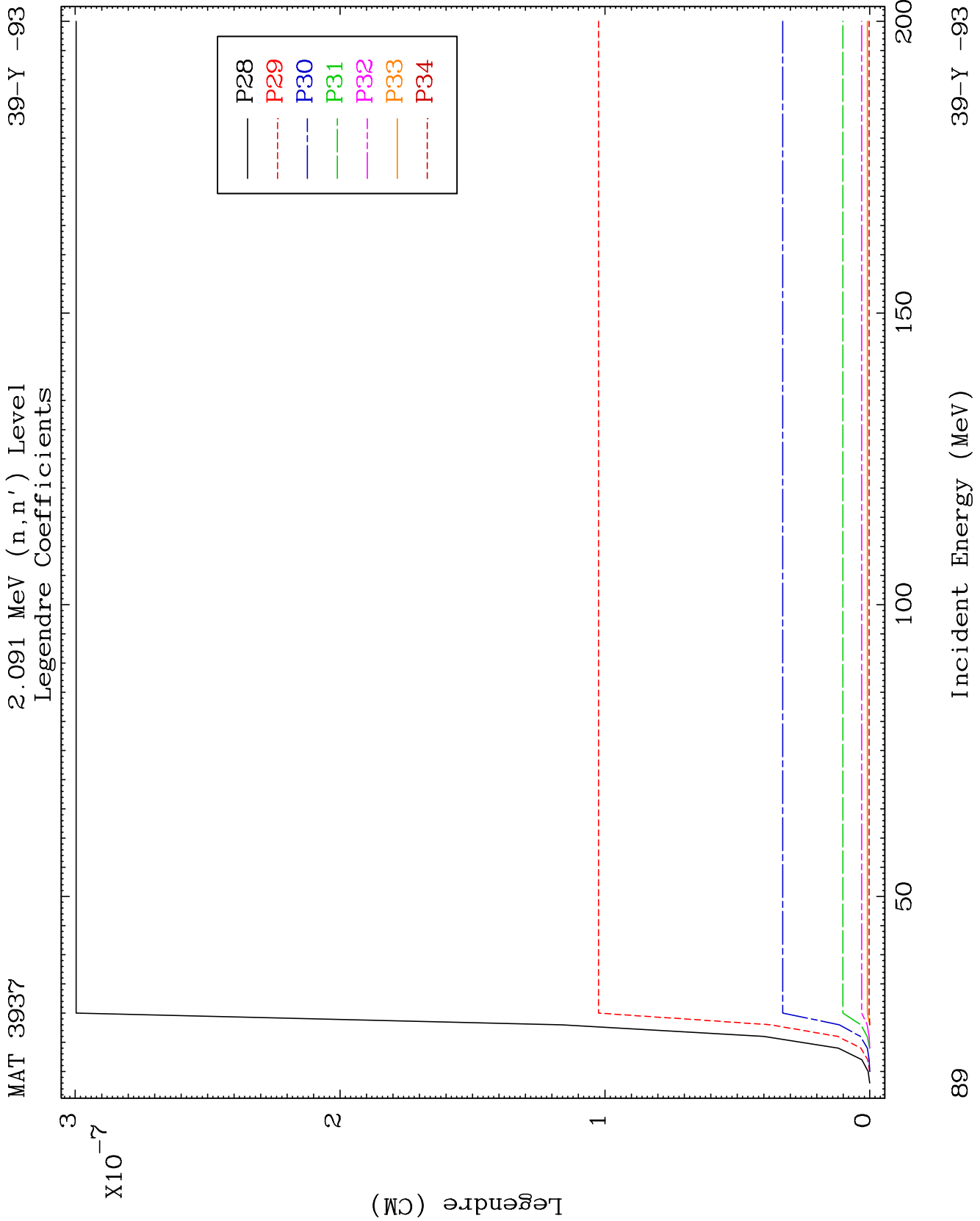
39-Y -93



88

Incident Energy (MeV)

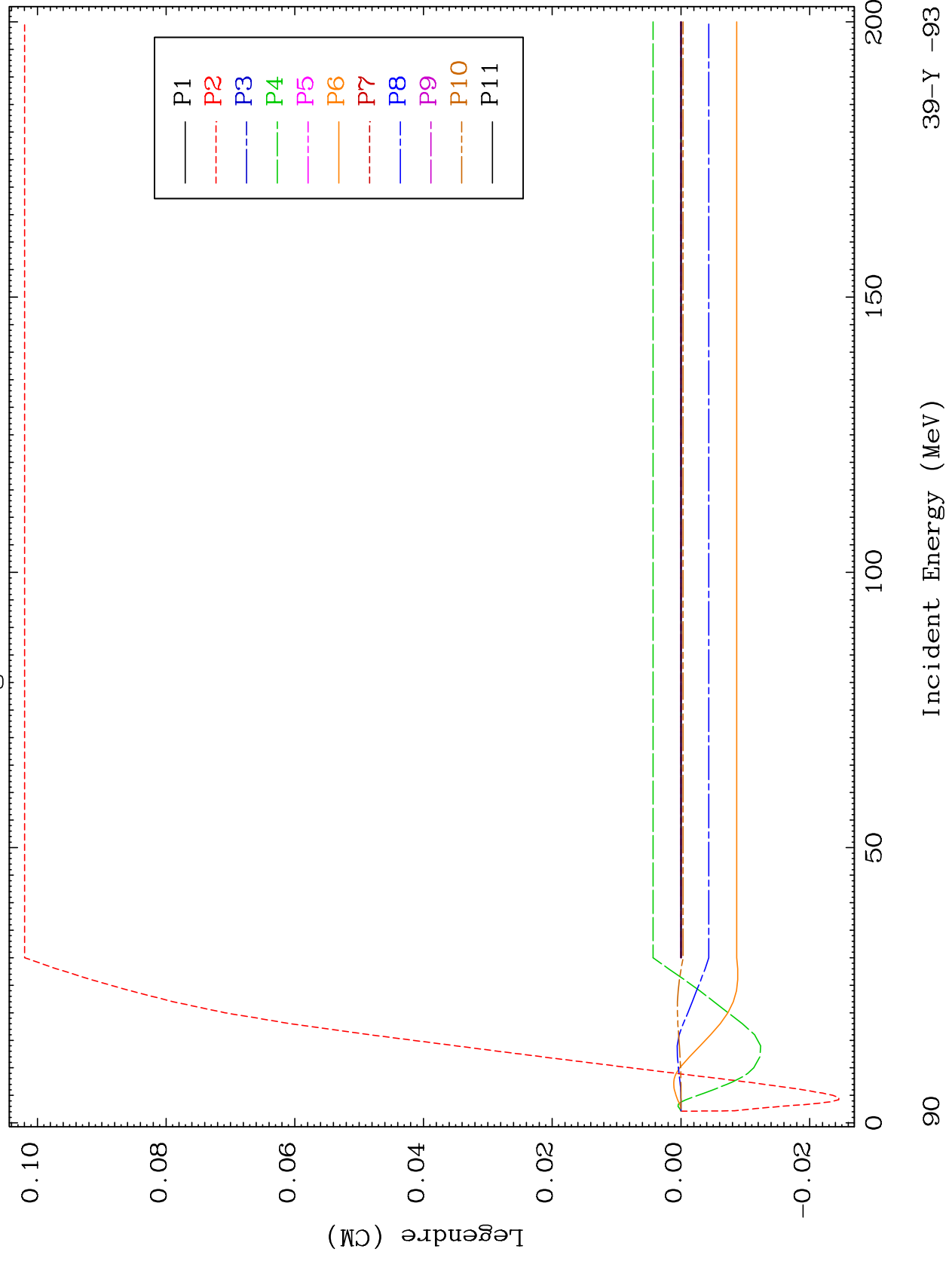
39-Y -93



MAT 3937

2.093 MeV (n,n') Level
Legendre Coefficients

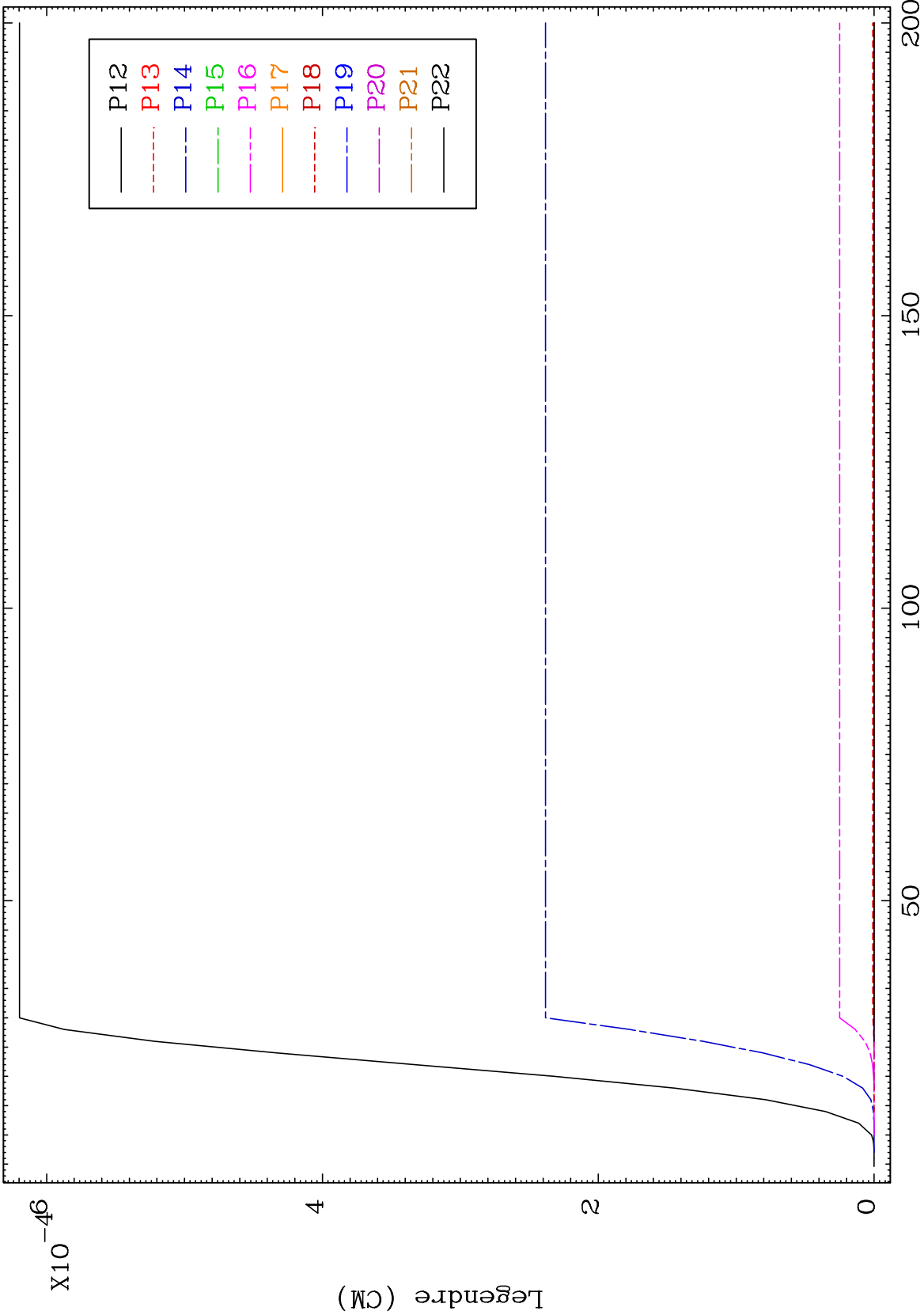
39-Y -93



90

Incident Energy (MeV)

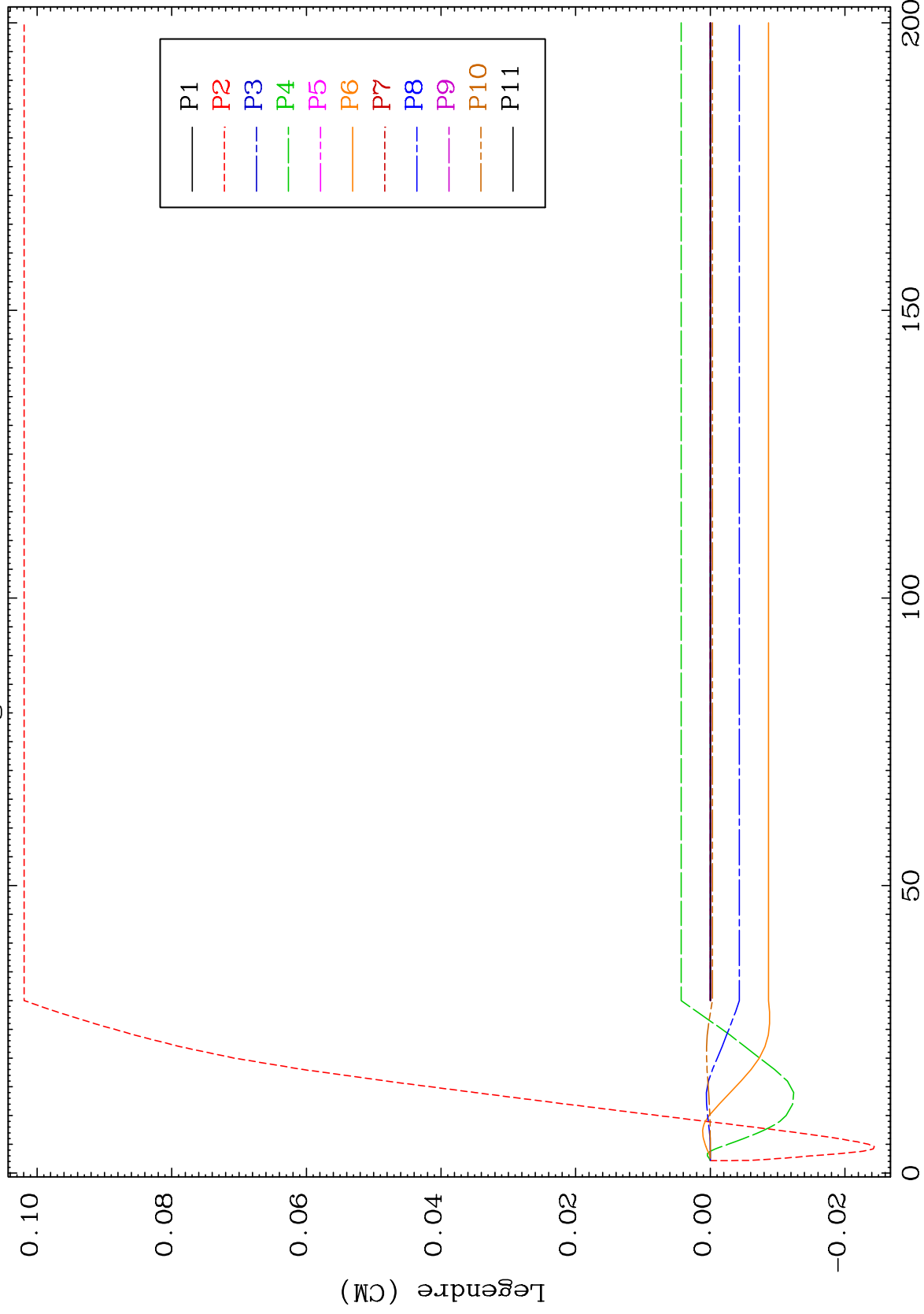
39-Y -93



MAT 3937

2.129 MeV (n,n') Level
Legendre Coefficients

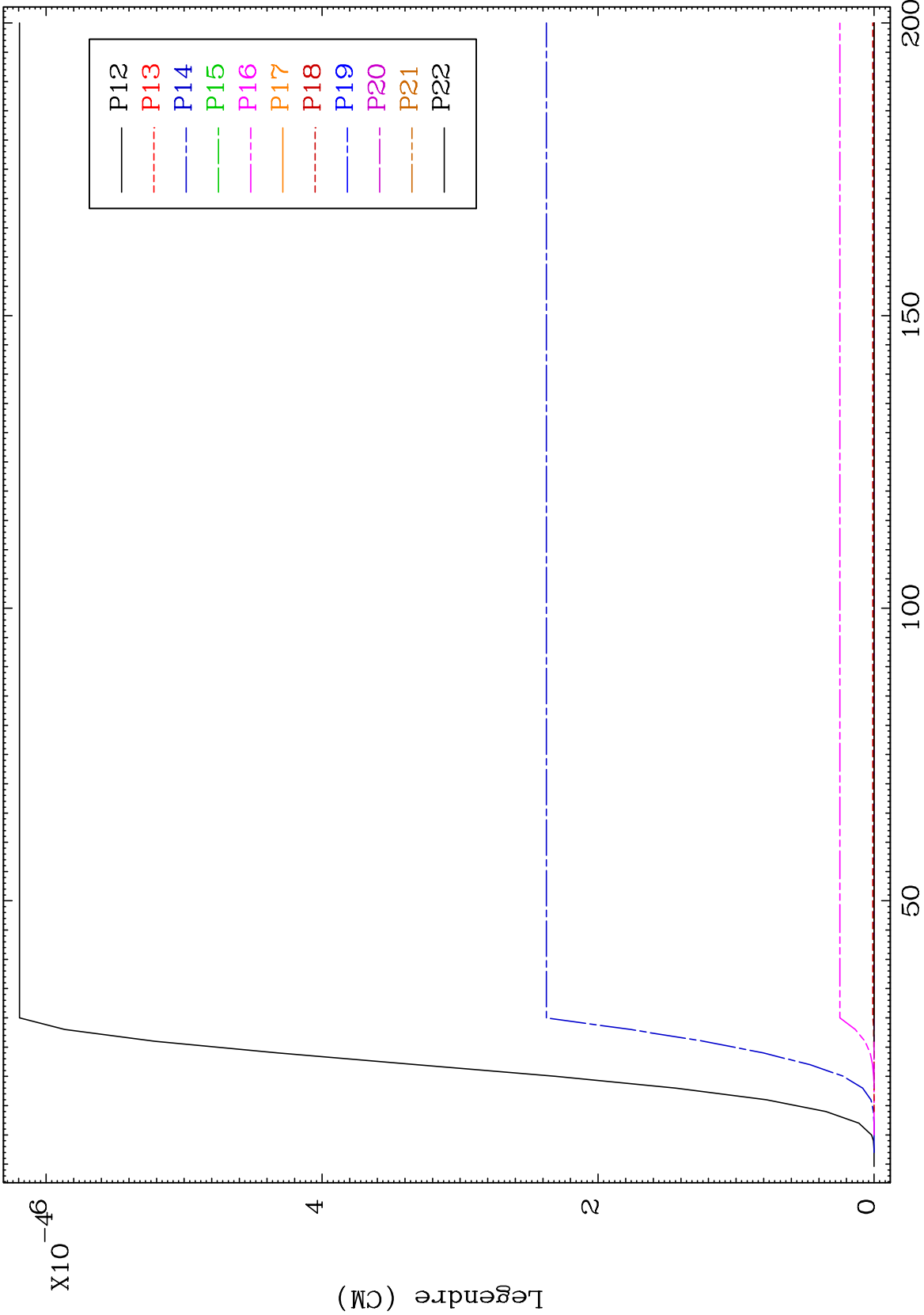
39-Y -93



92

Incident Energy (MeV)

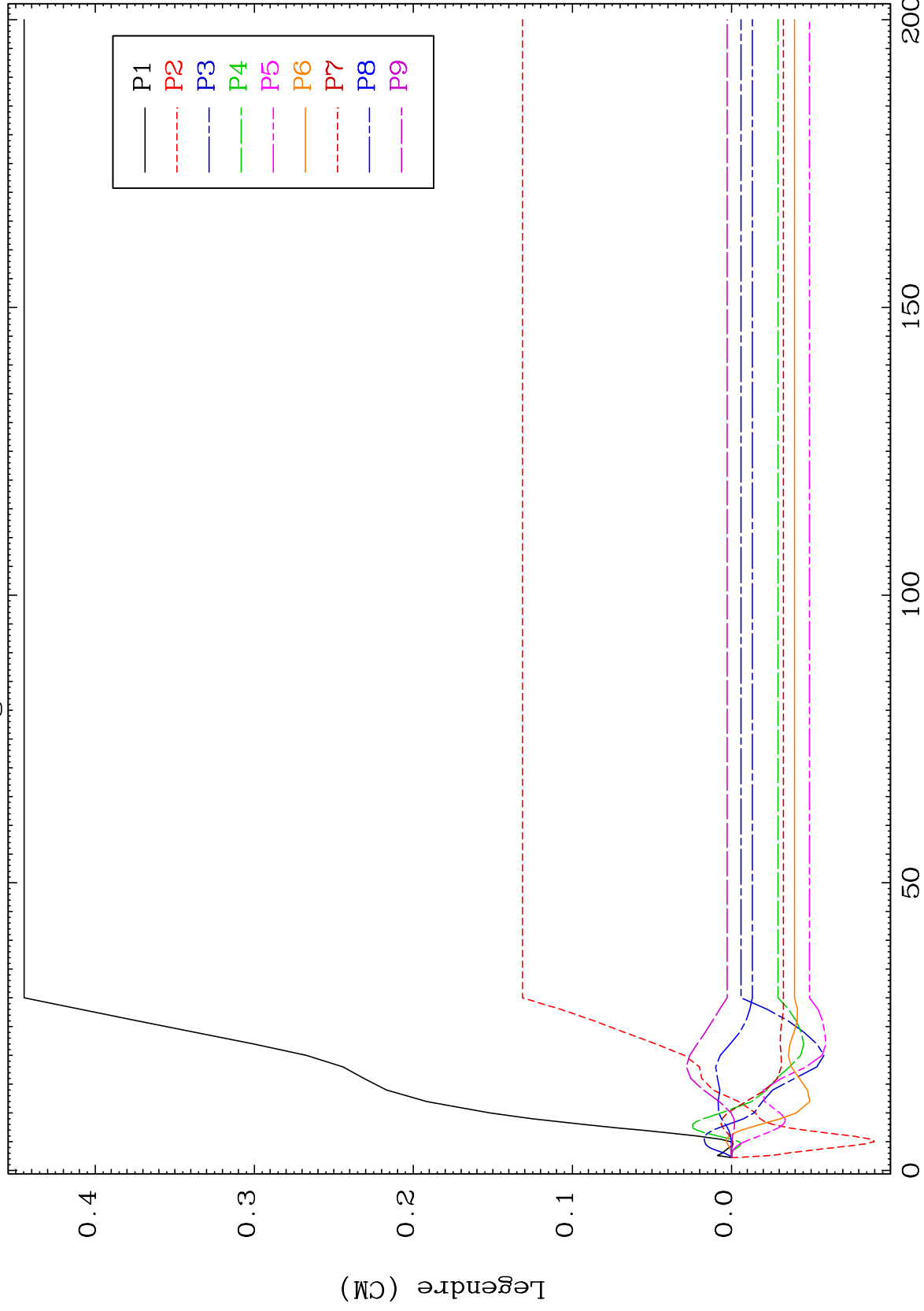
39-Y -93



MAT 3937

2.200 MeV (n,n') Level
Legendre Coefficients

39-Y -93



94

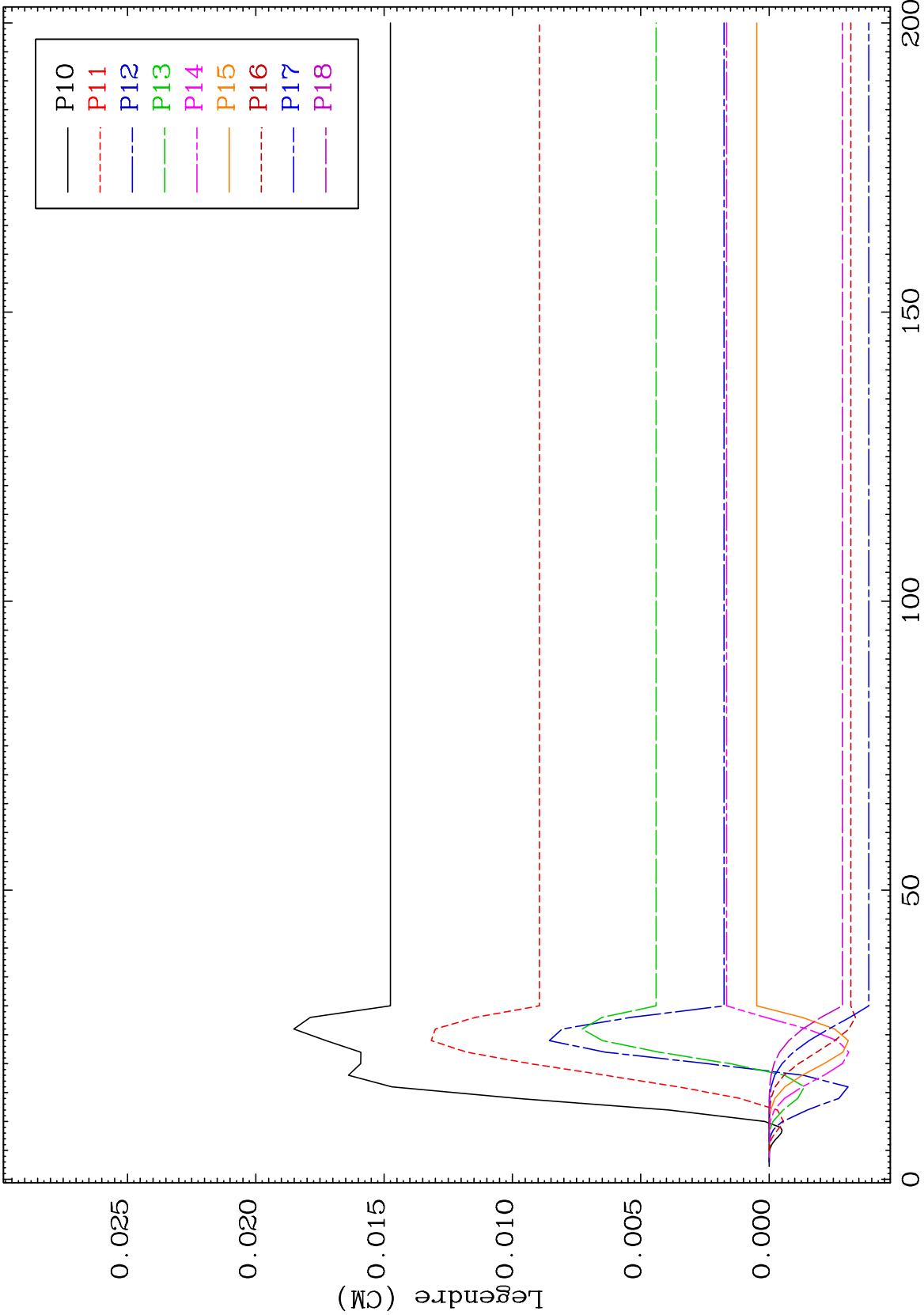
Incident Energy (MeV)

39-Y -93

MAT 3937

2.200 MeV (n,n') Level Legendre Coefficients

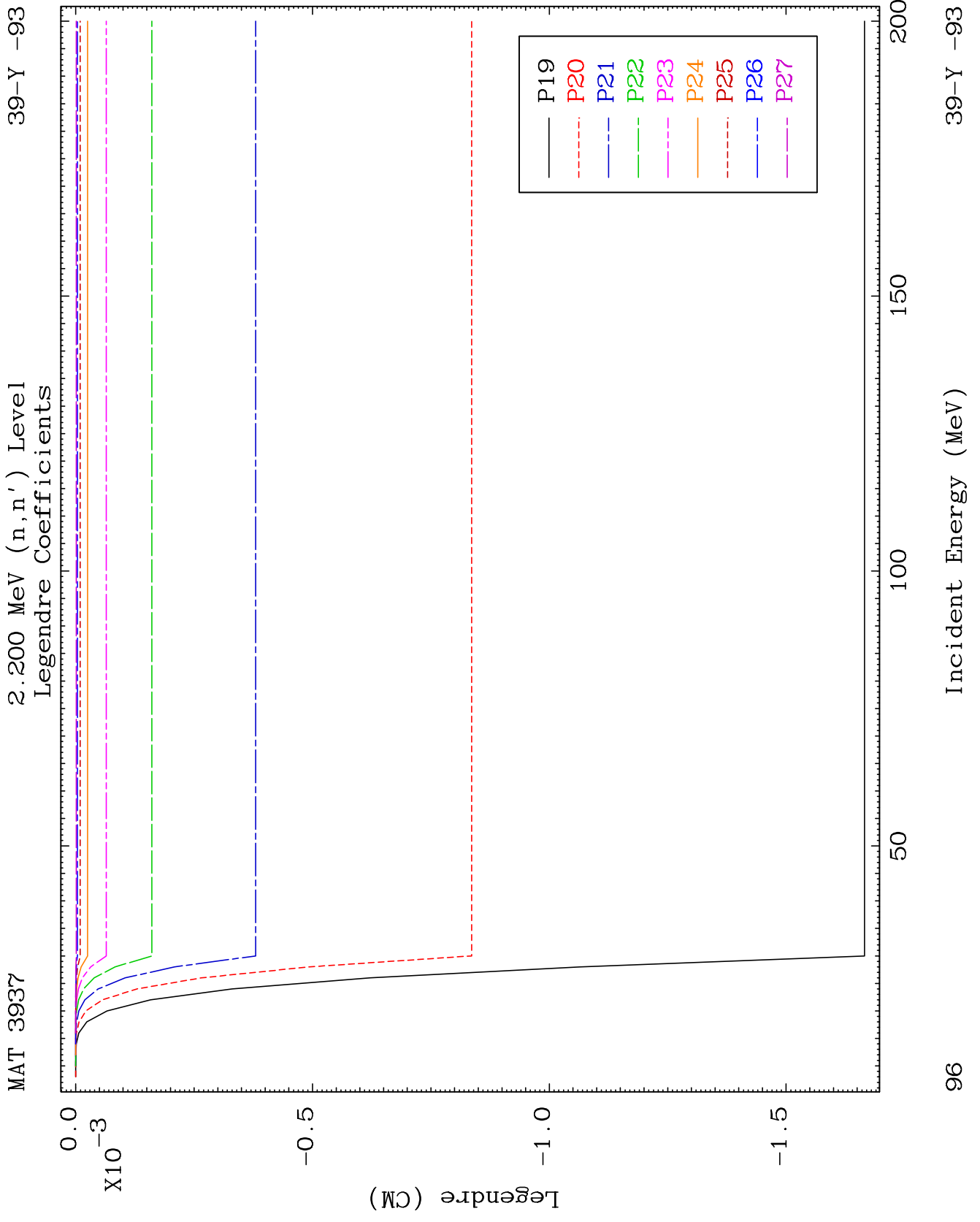
39-Y -93



95

Incident Energy (MeV)

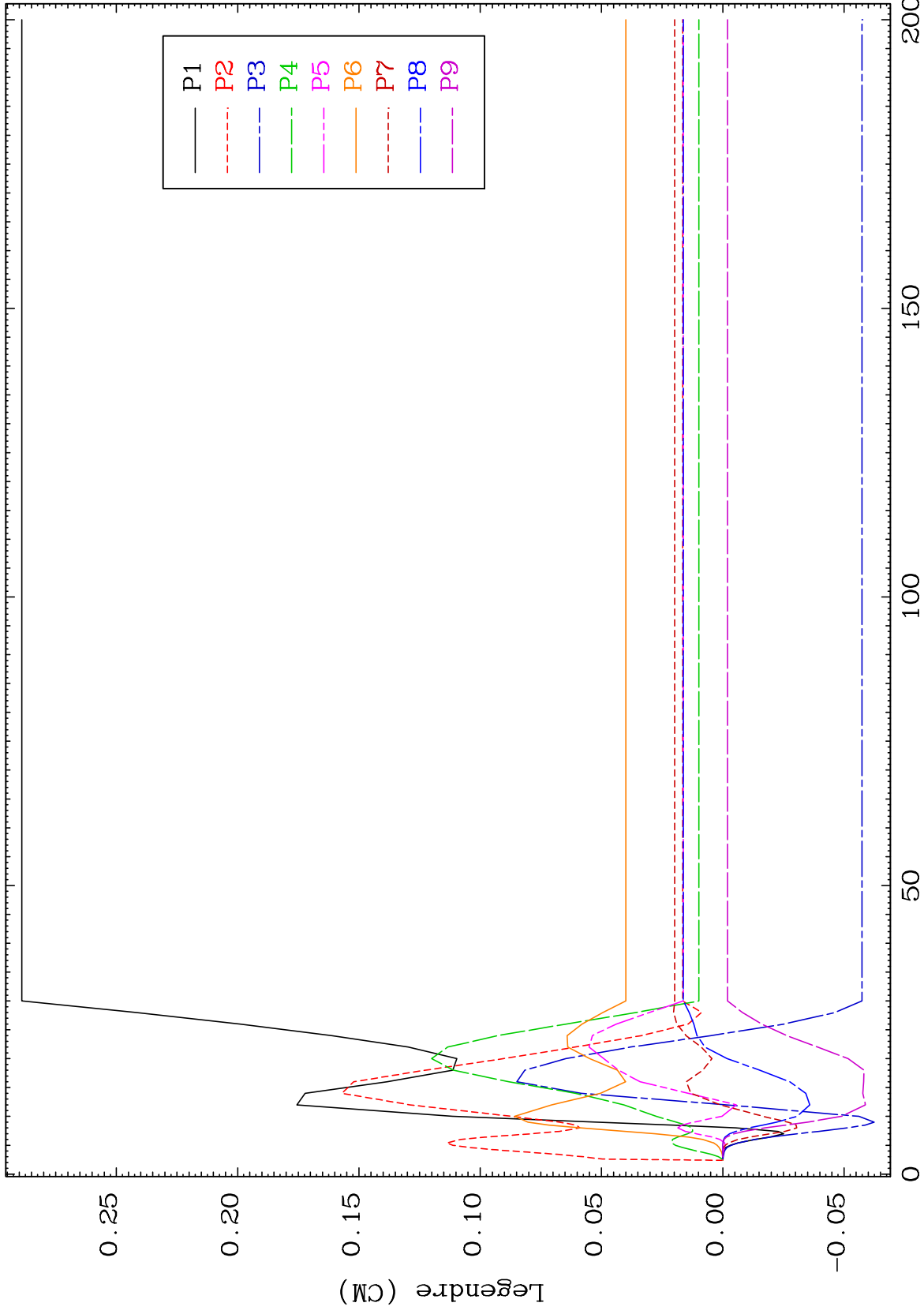
39-Y -93



MAT 3937

2.356 MeV (n,n') Level
Legendre Coefficients

39-Y -93



98

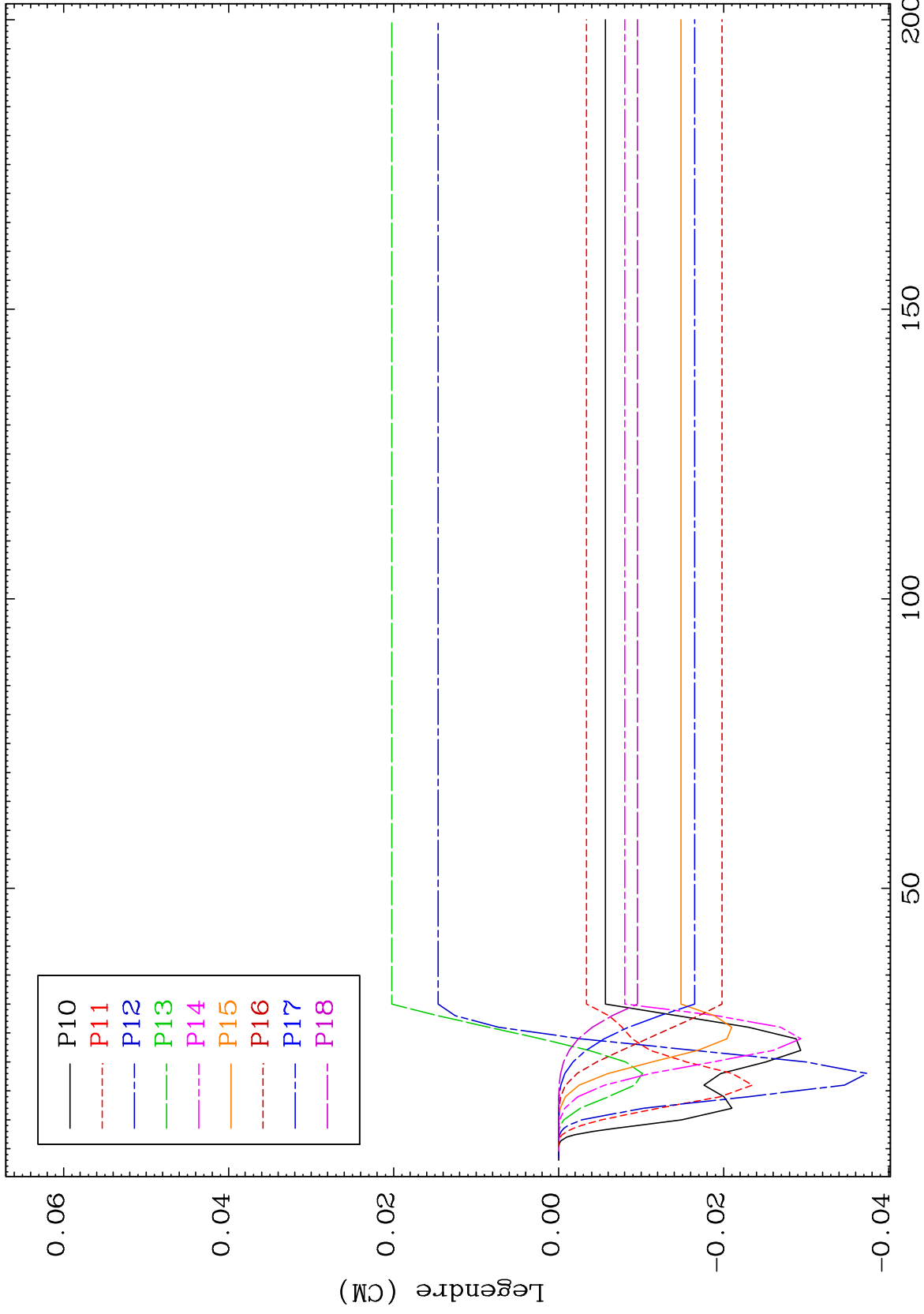
Incident Energy (MeV)

39-Y -93

MAT 3937

2.356 MeV (n,n') Level
Legendre Coefficients

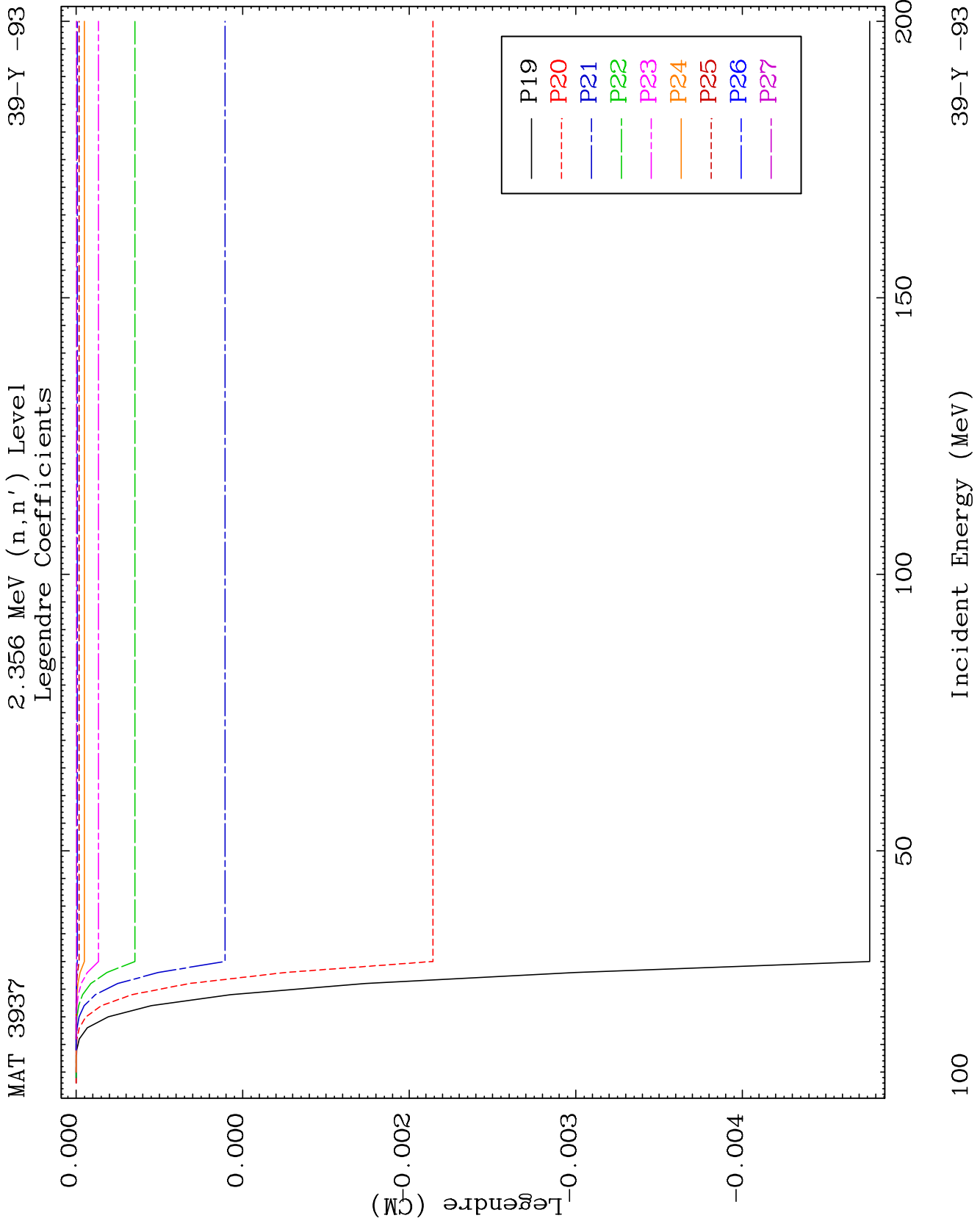
39-Y -93

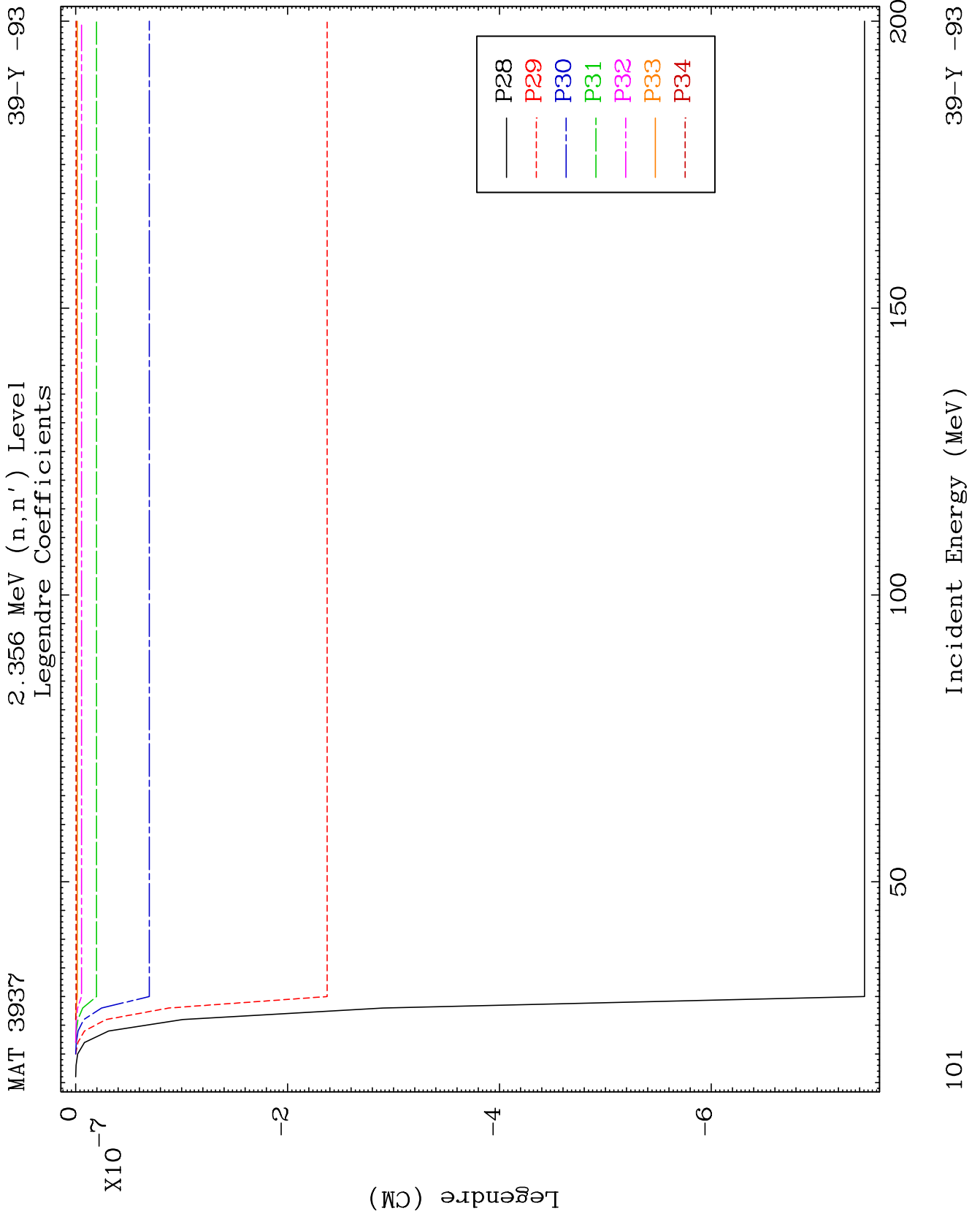


99

Incident Energy (MeV)

39-Y -93

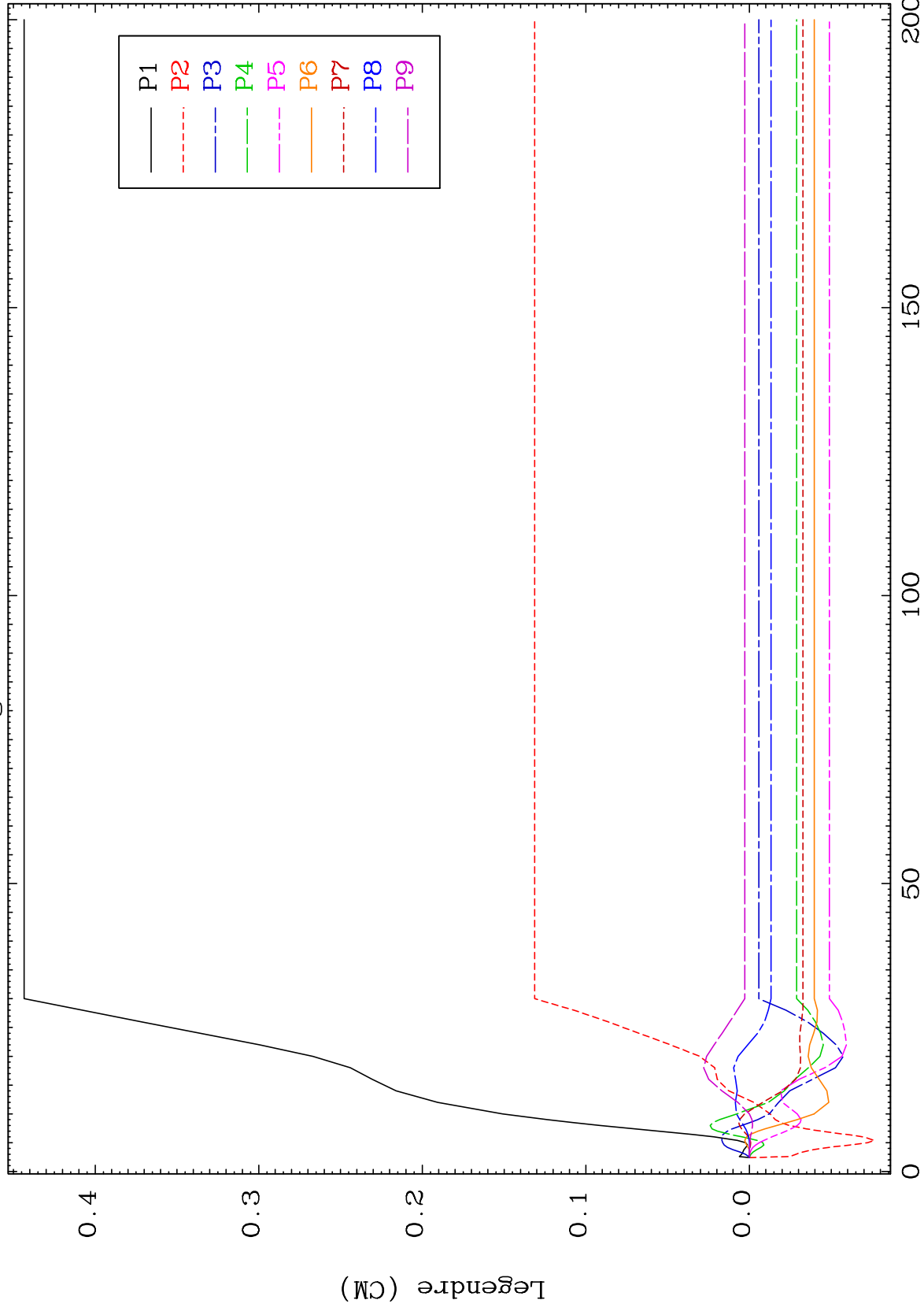




MAT 3937

2.365 MeV (n,n') Level
Legendre Coefficients

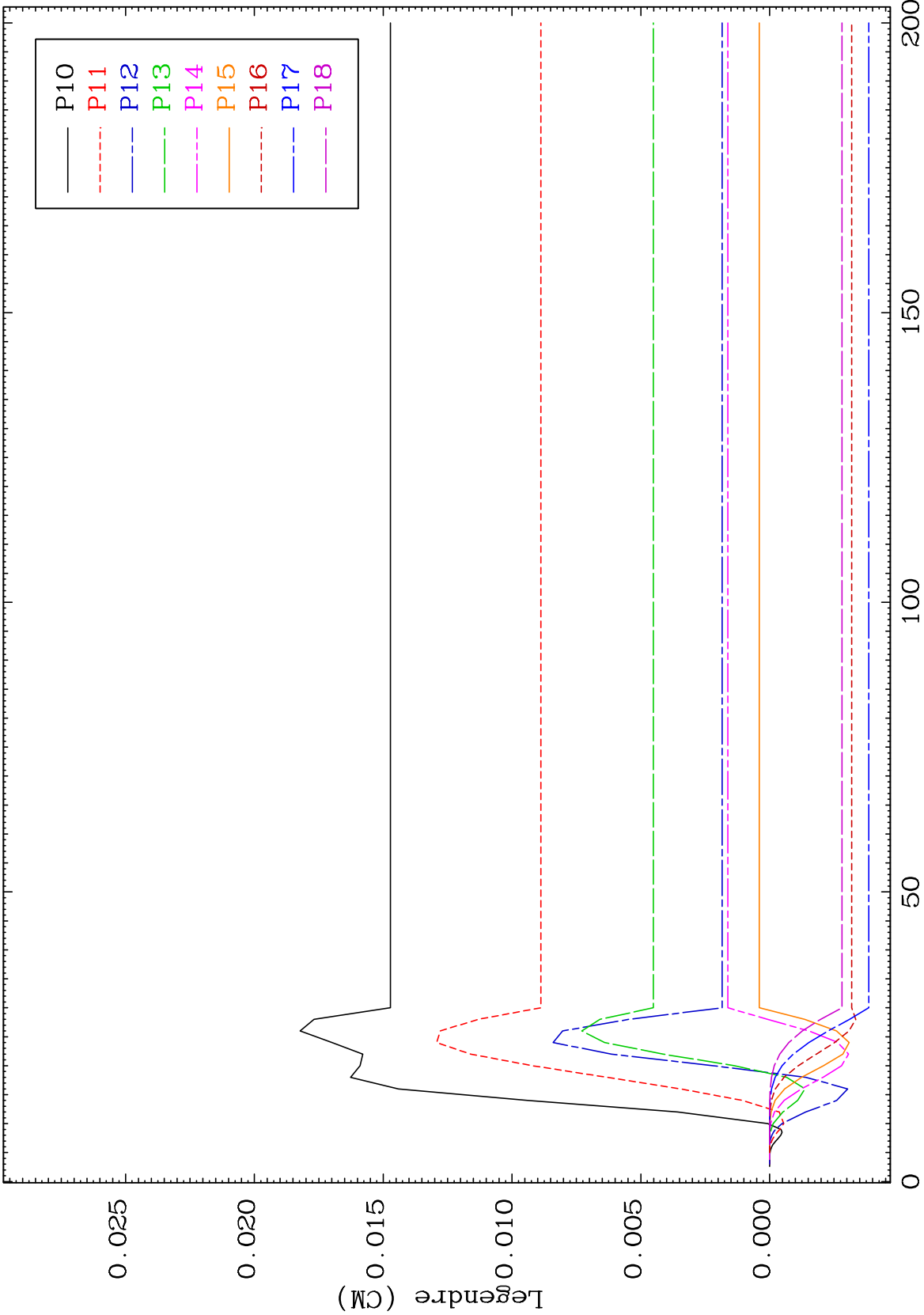
39-Y -93

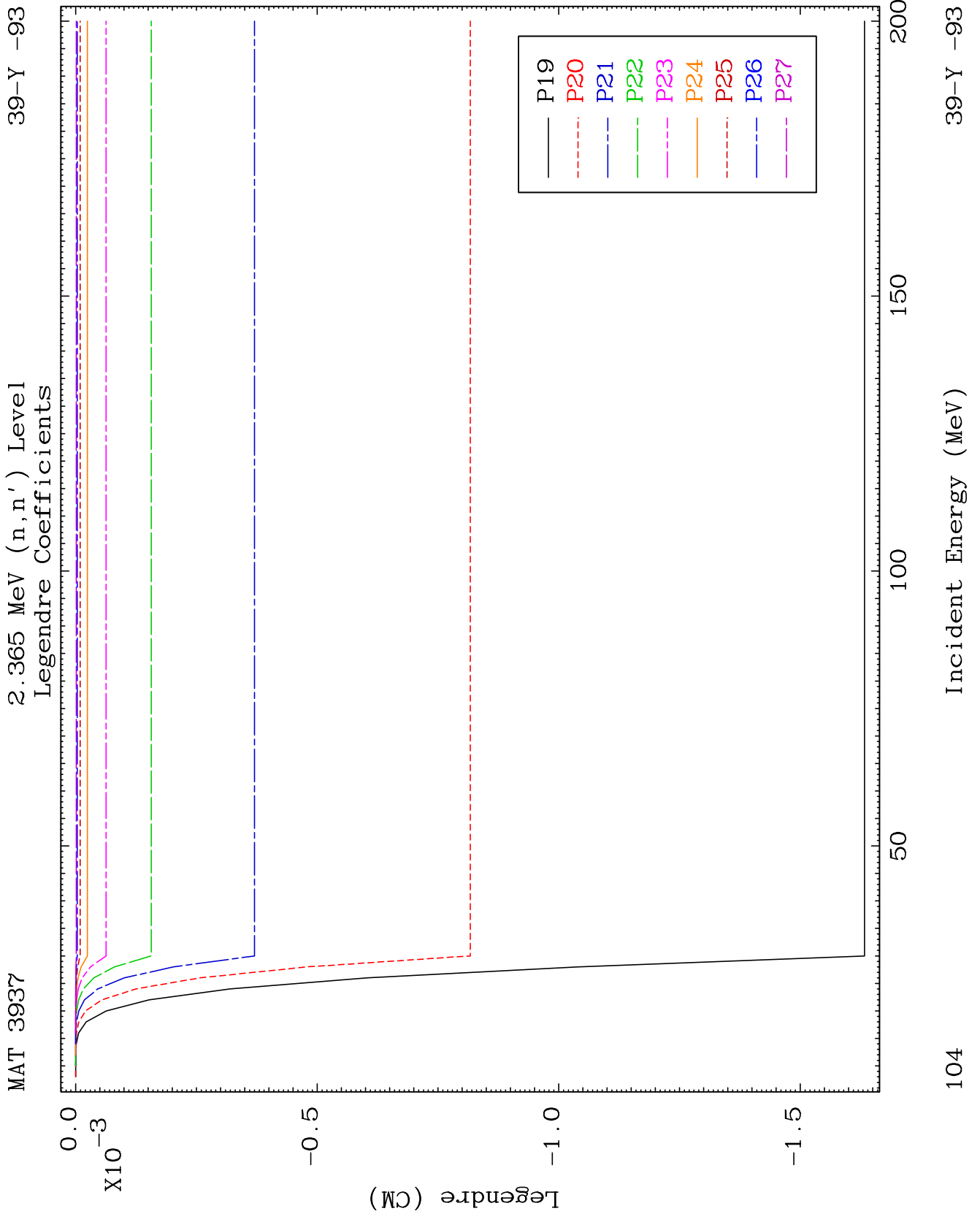


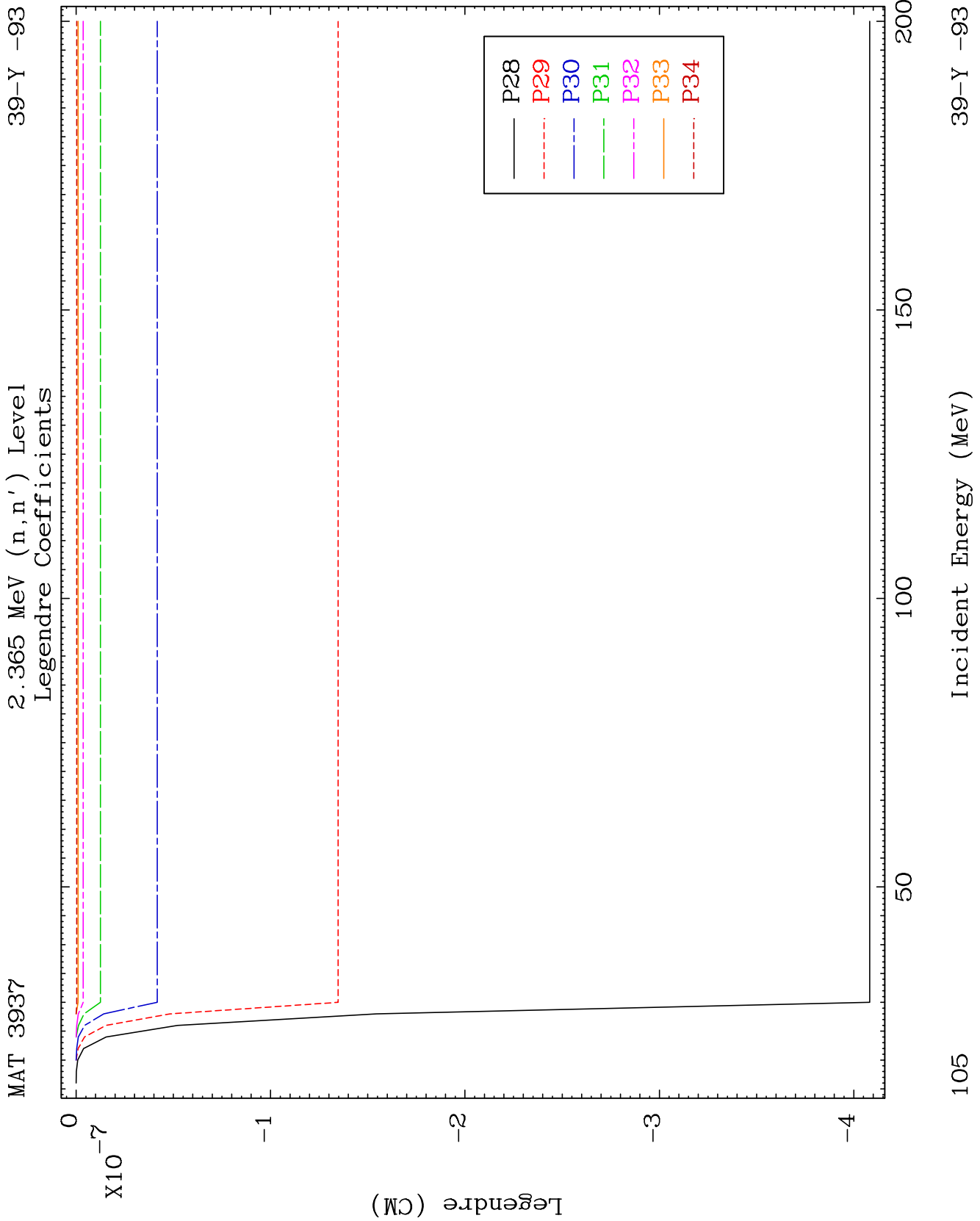
Incident Energy (MeV)

39-Y -93

102



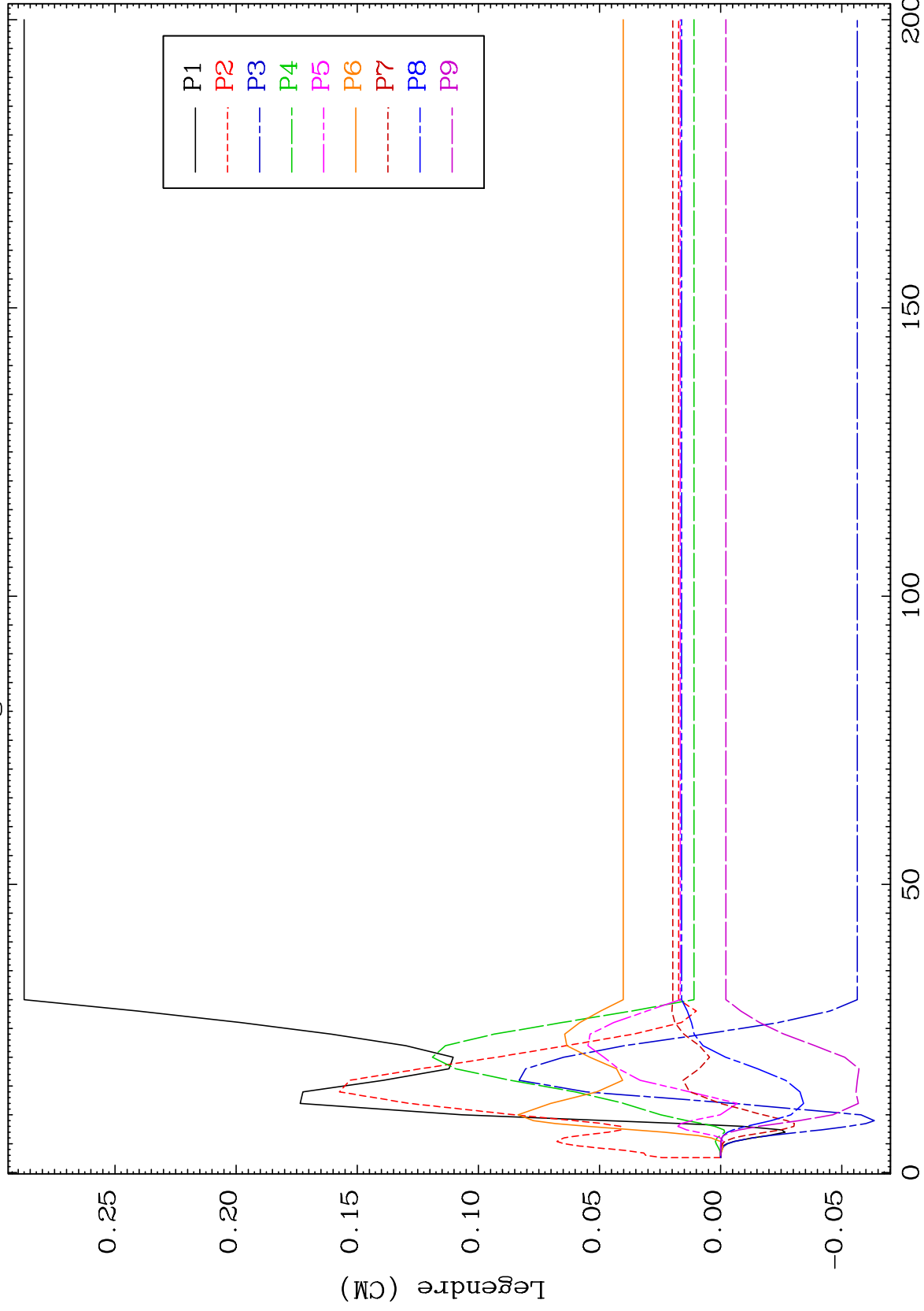




MAT 3937

2.544 MeV (n,n') Level
Legendre Coefficients

39-Y -93



106

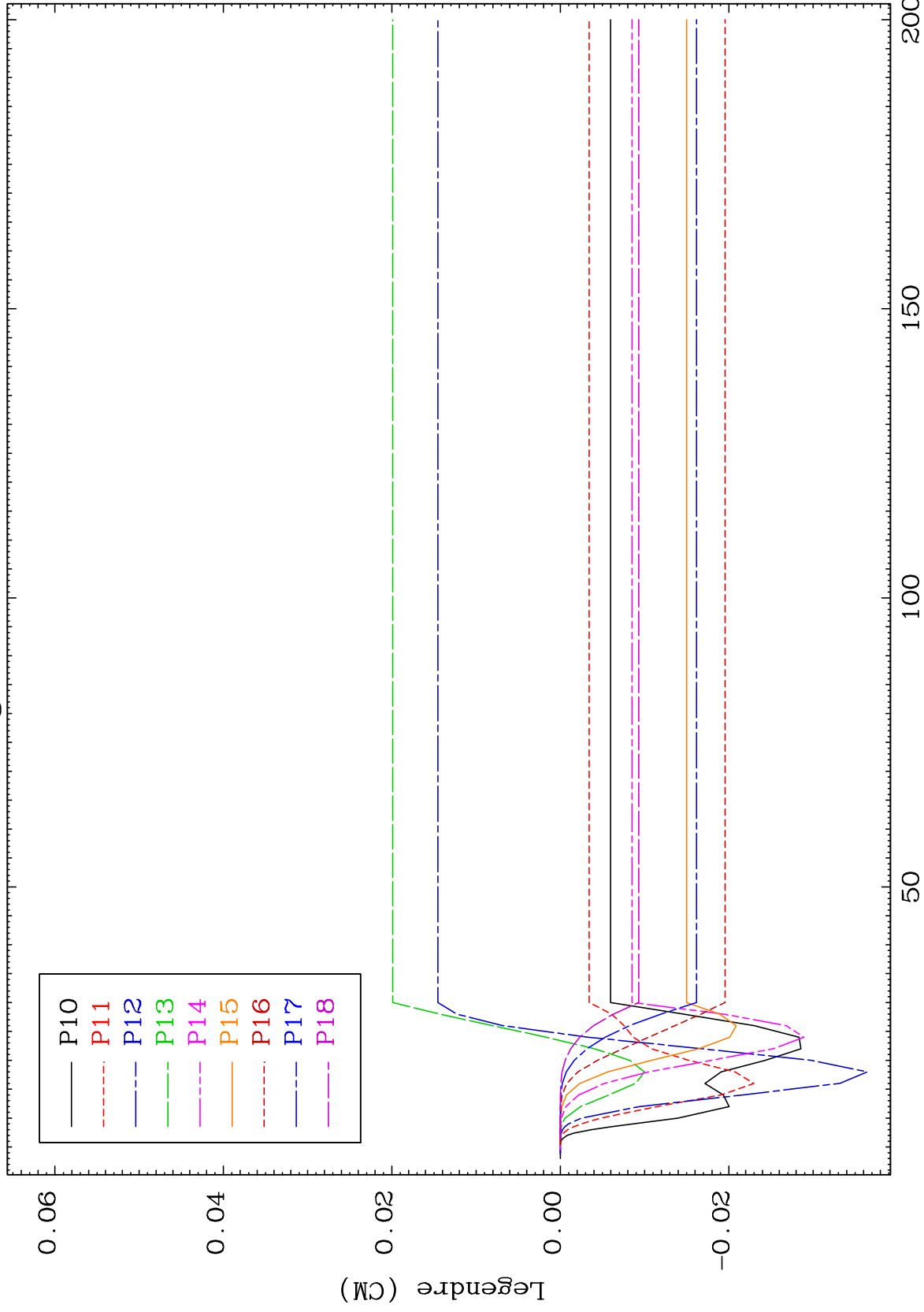
Incident Energy (MeV)

39-Y -93

MAT 3937

2.544 MeV (n,n') Level
Legendre Coefficients

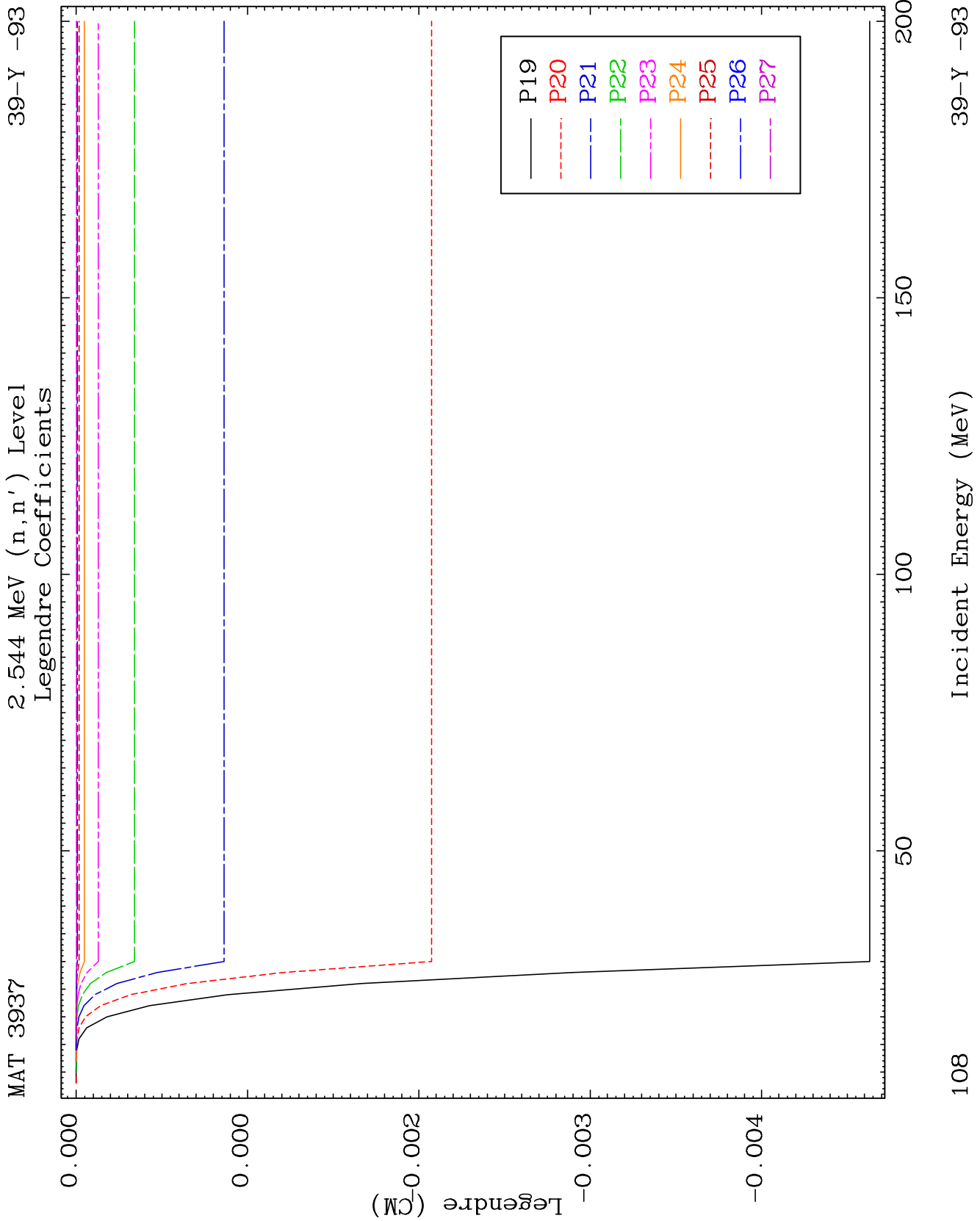
39-Y -93

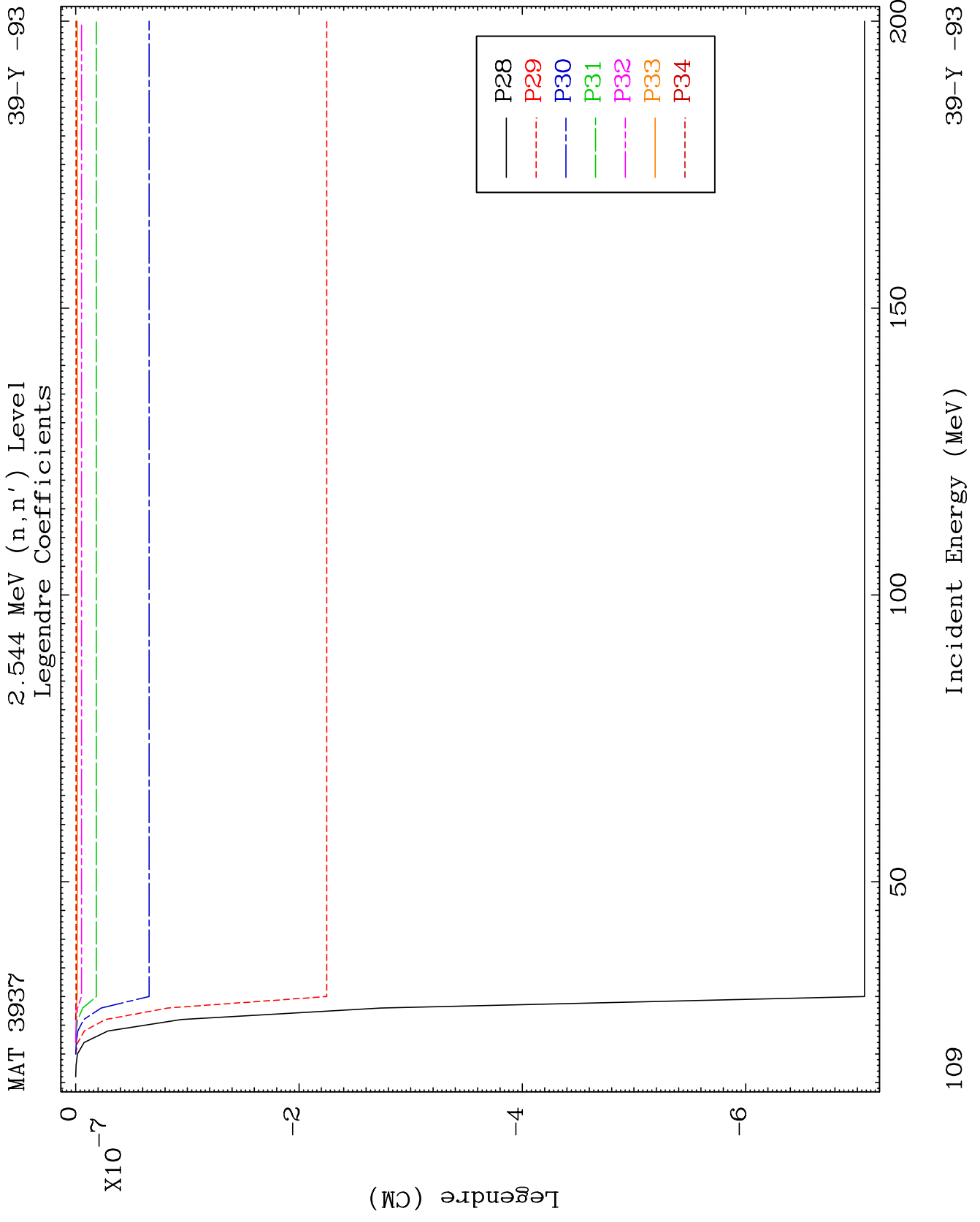


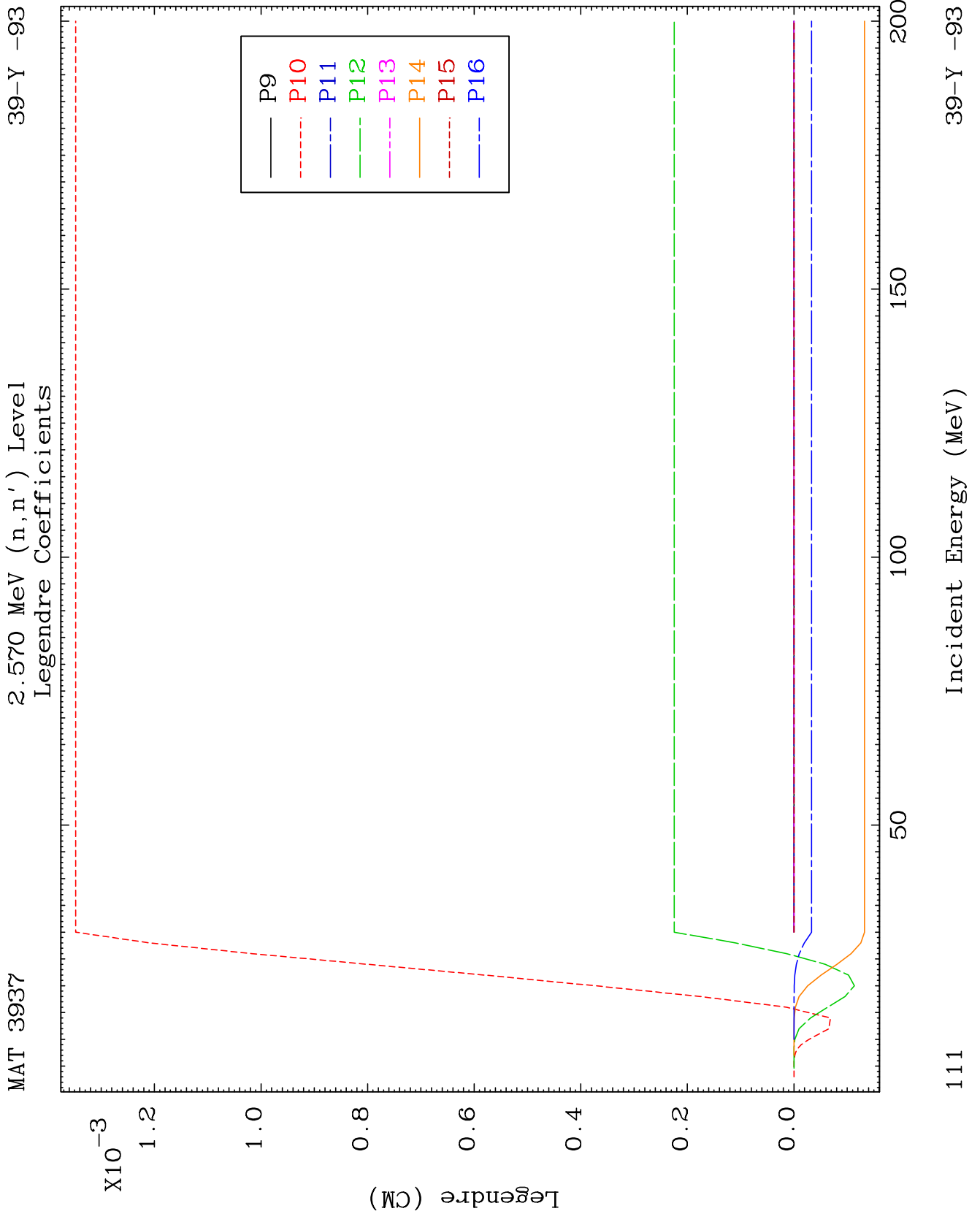
107

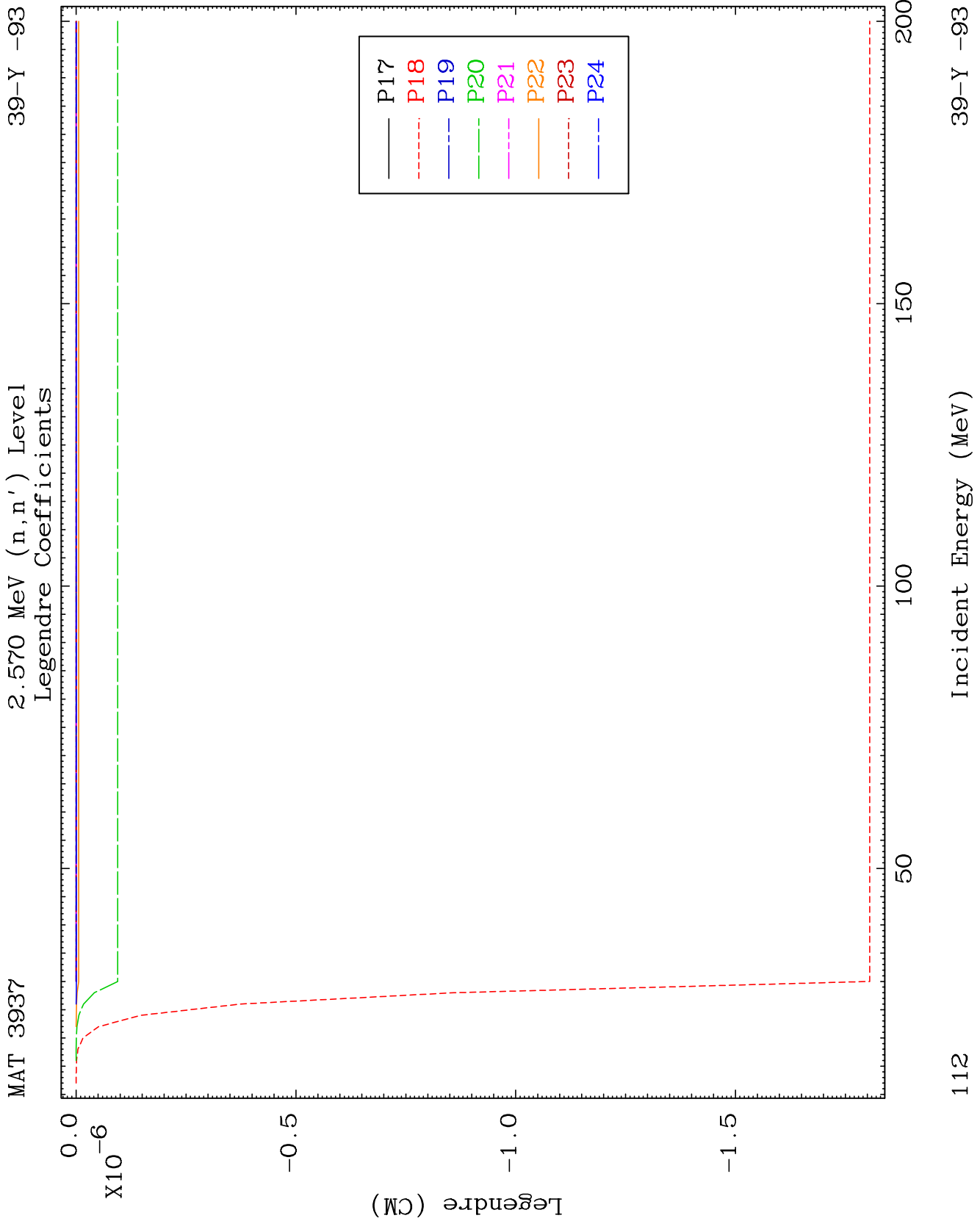
Incident Energy (MeV)

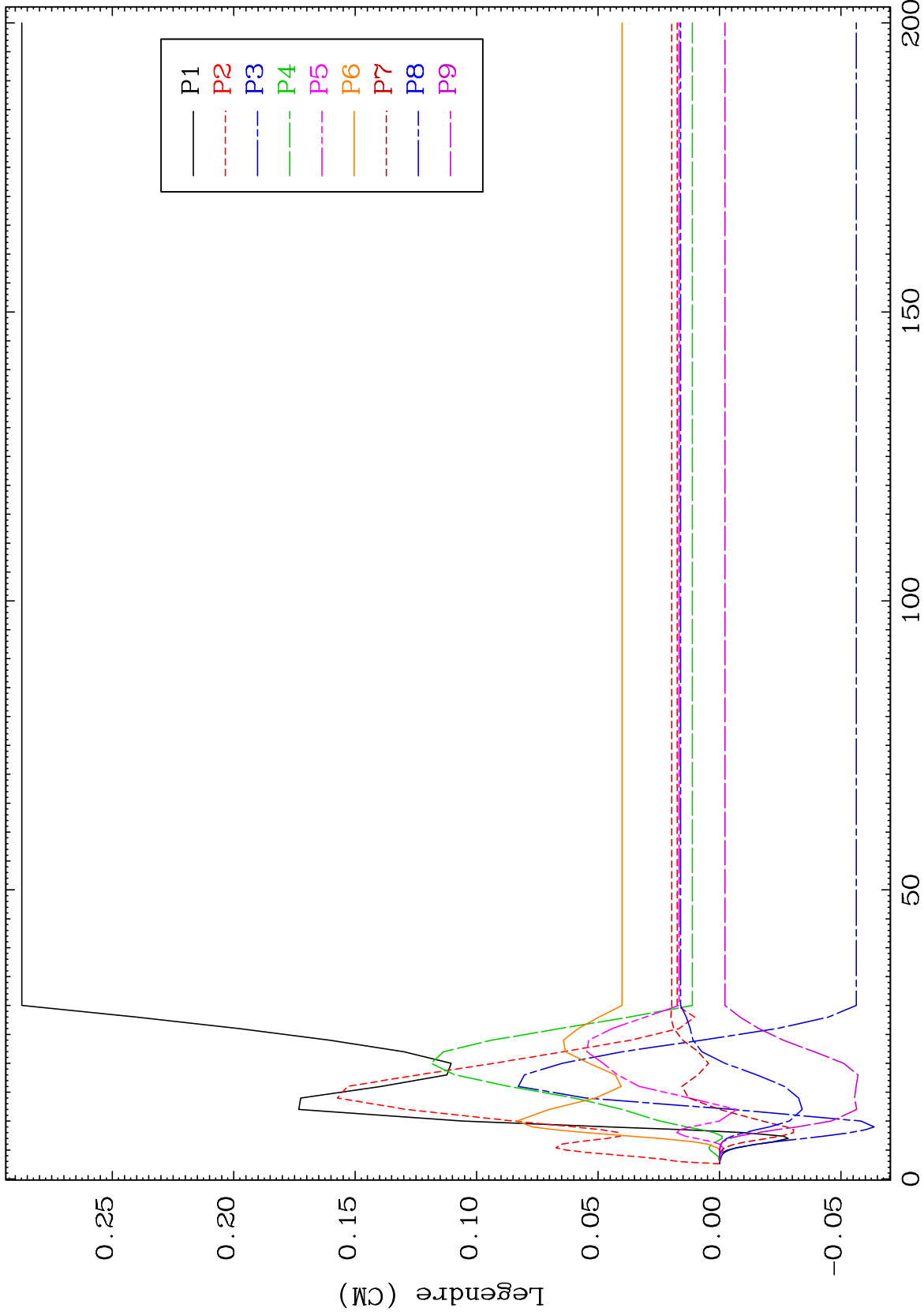
39-Y -93







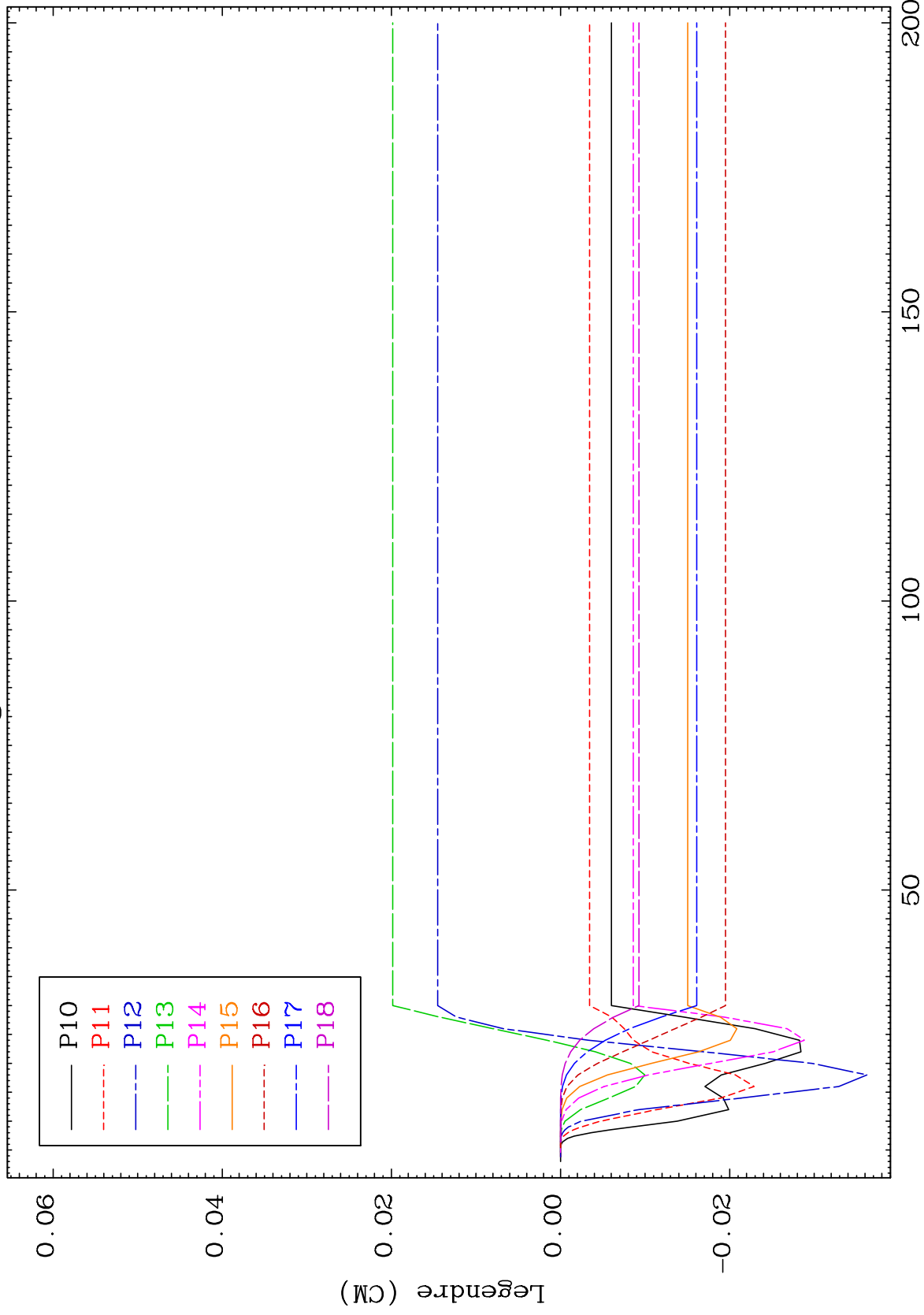




MAT 3937

2.575 MeV (n,n') Level
Legendre Coefficients

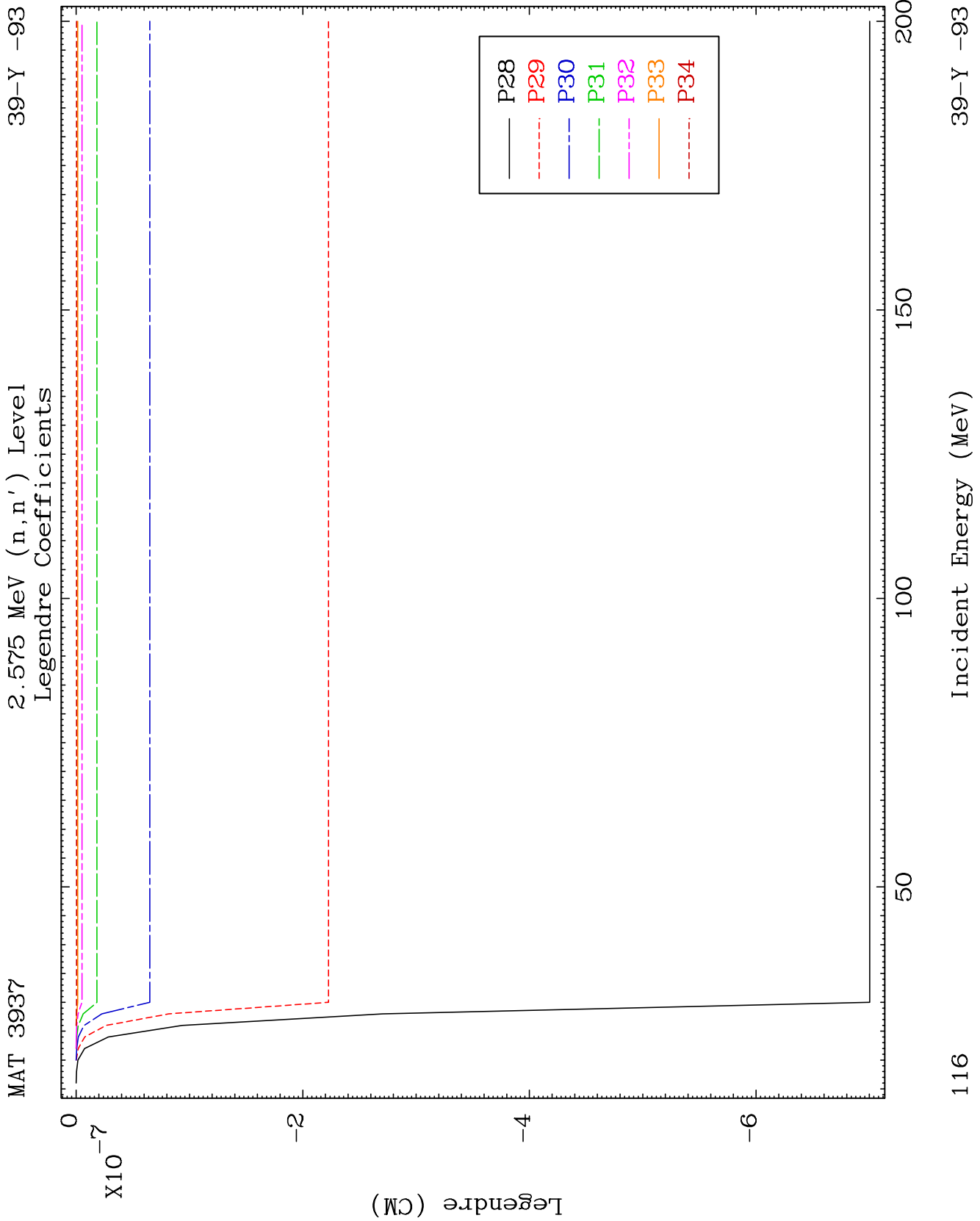
39-Y -93



114

Incident Energy (MeV)

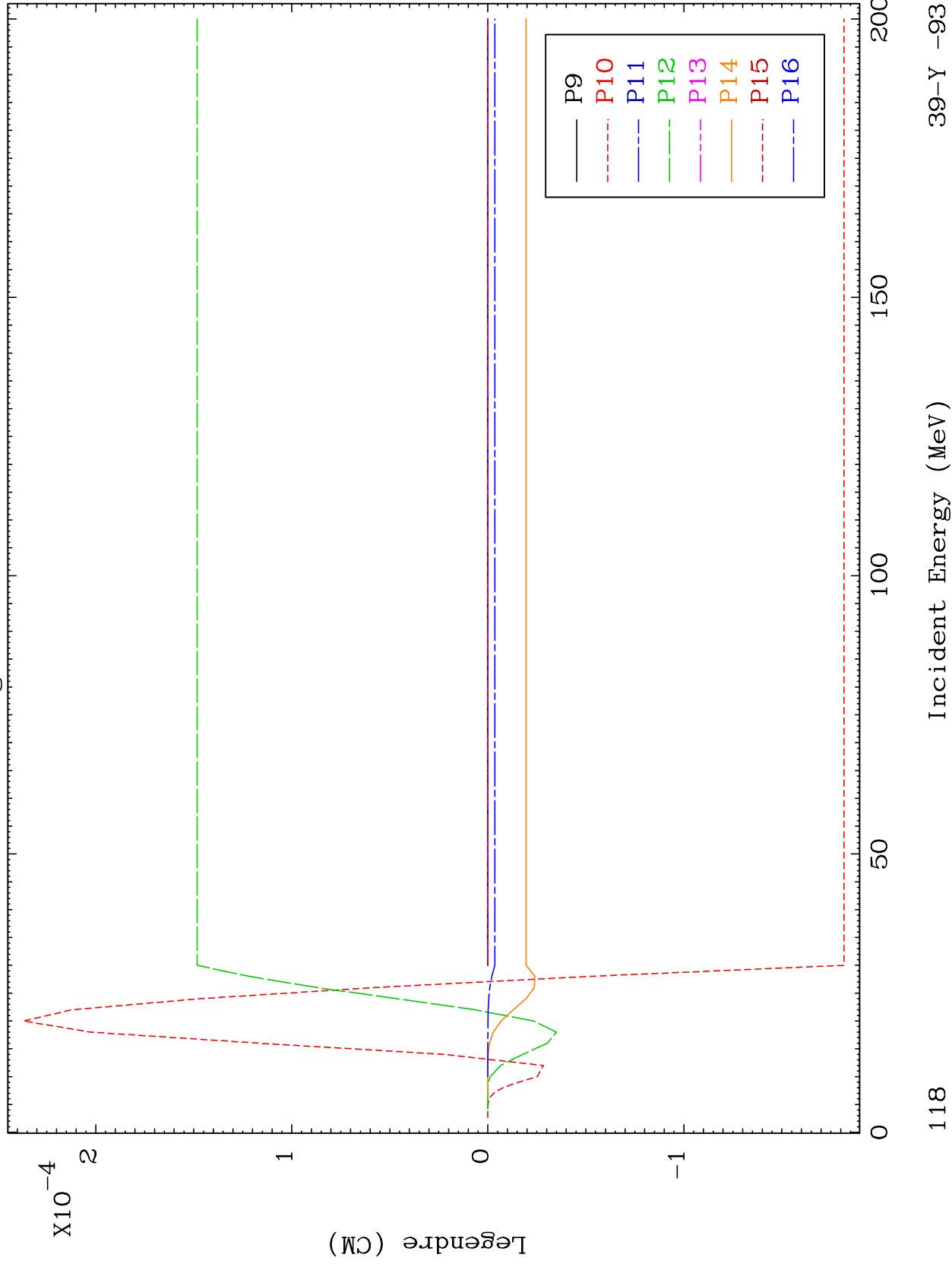
39-Y -93



MAT 3937

2.623 MeV (n,n') Level
Legendre Coefficients

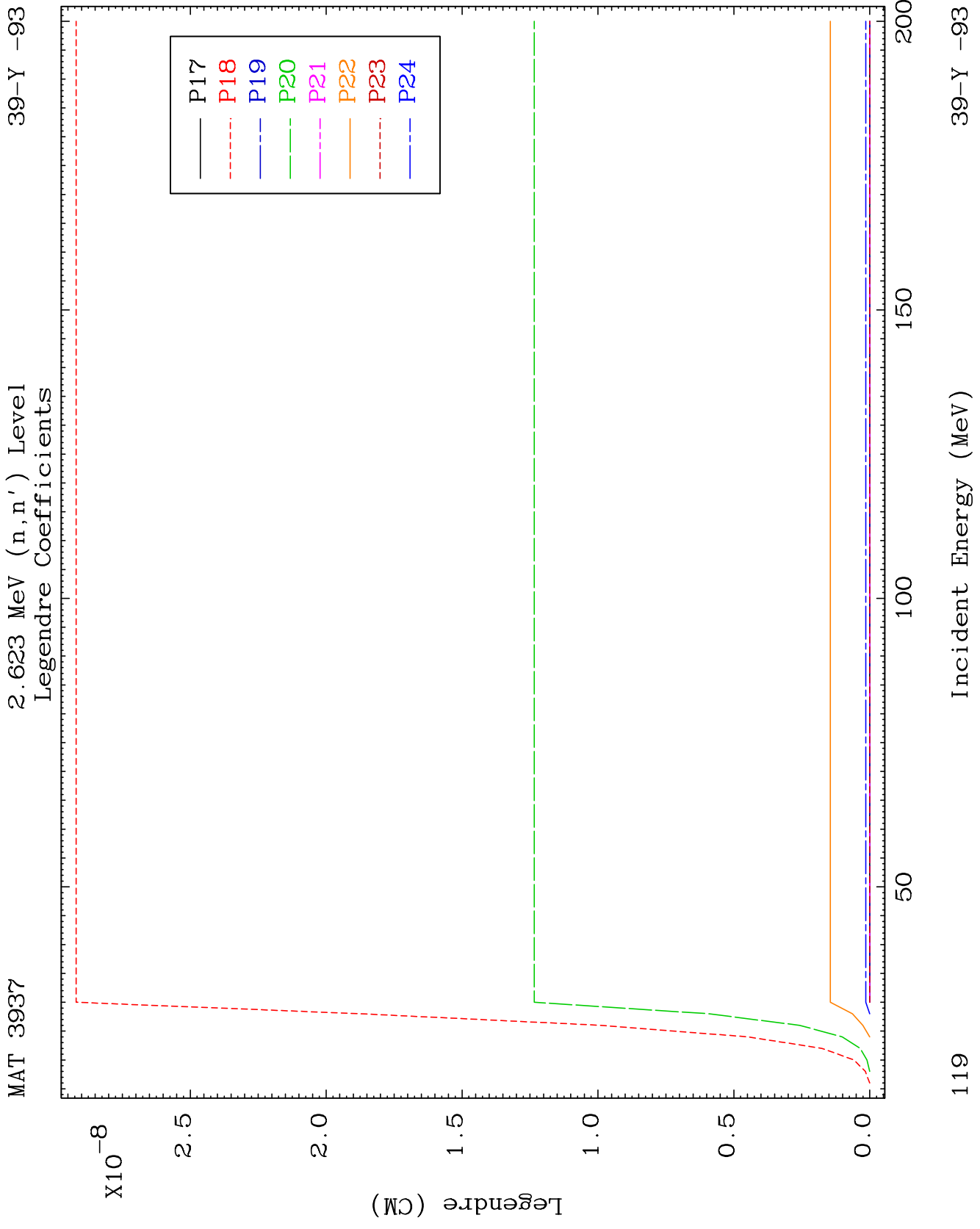
39-Y -93



118

Incident Energy (MeV)

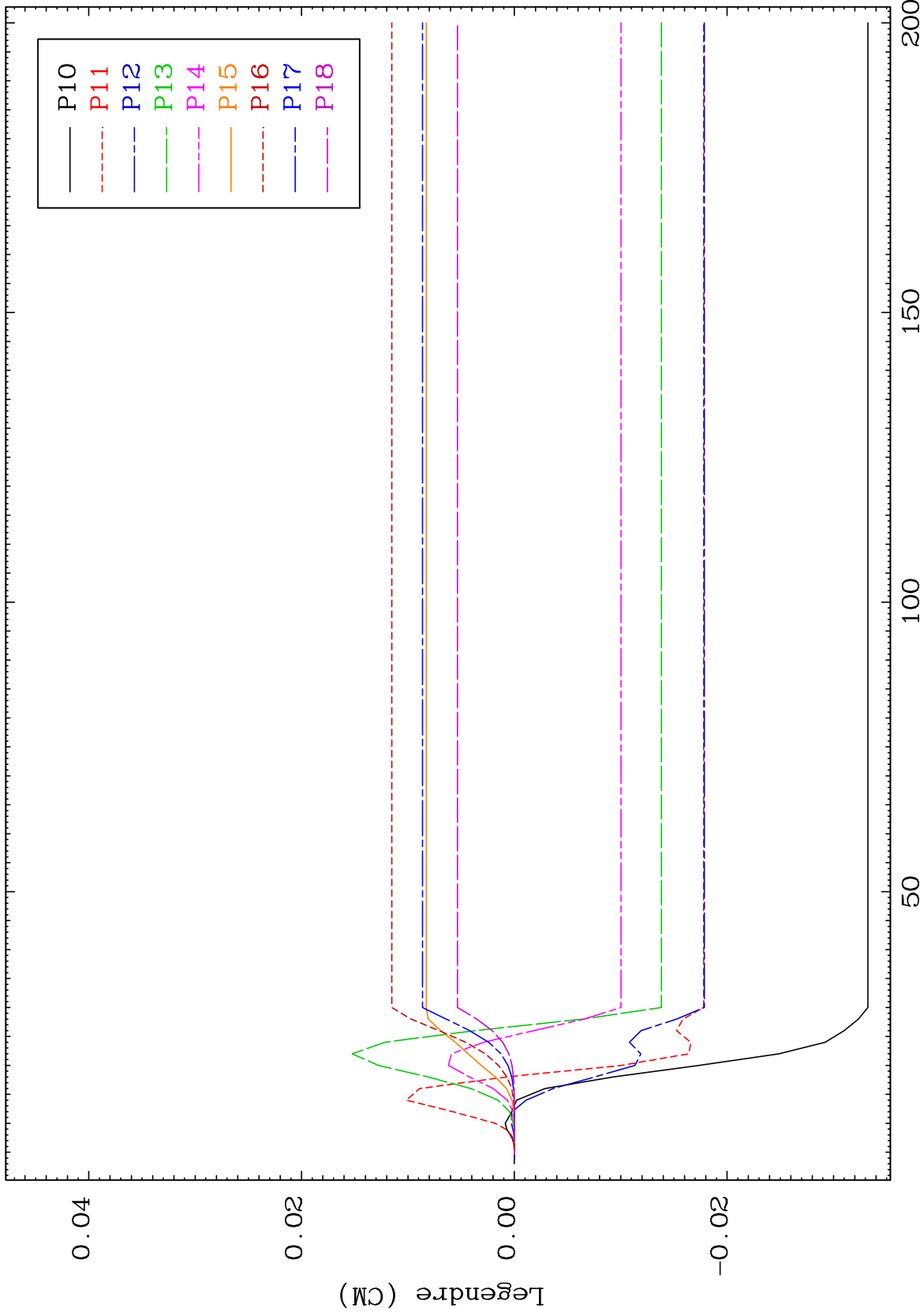
39-Y -93



MAT 3937

2.654 MeV (n,n') Level
Legendre Coefficients

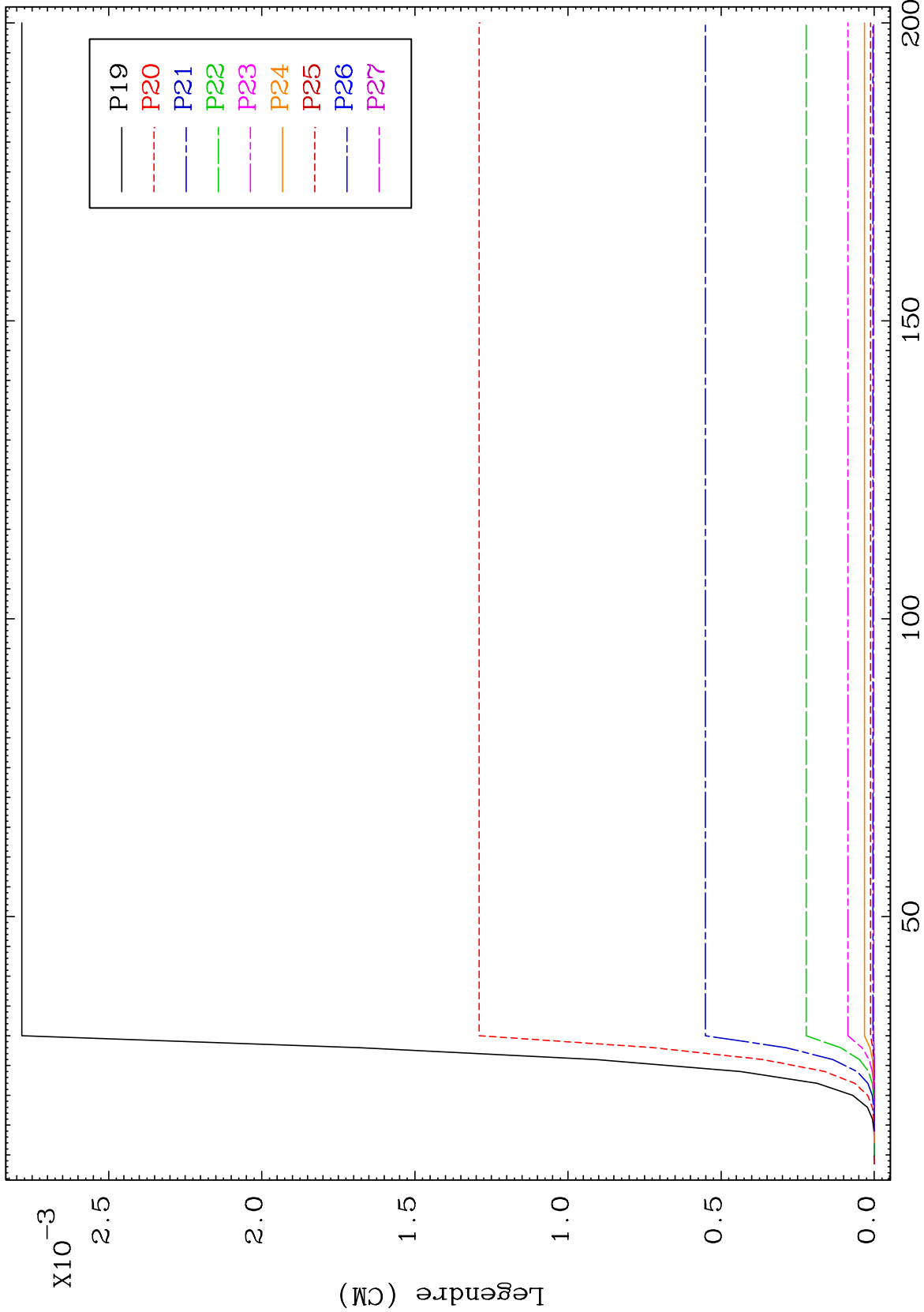
39-Y -93

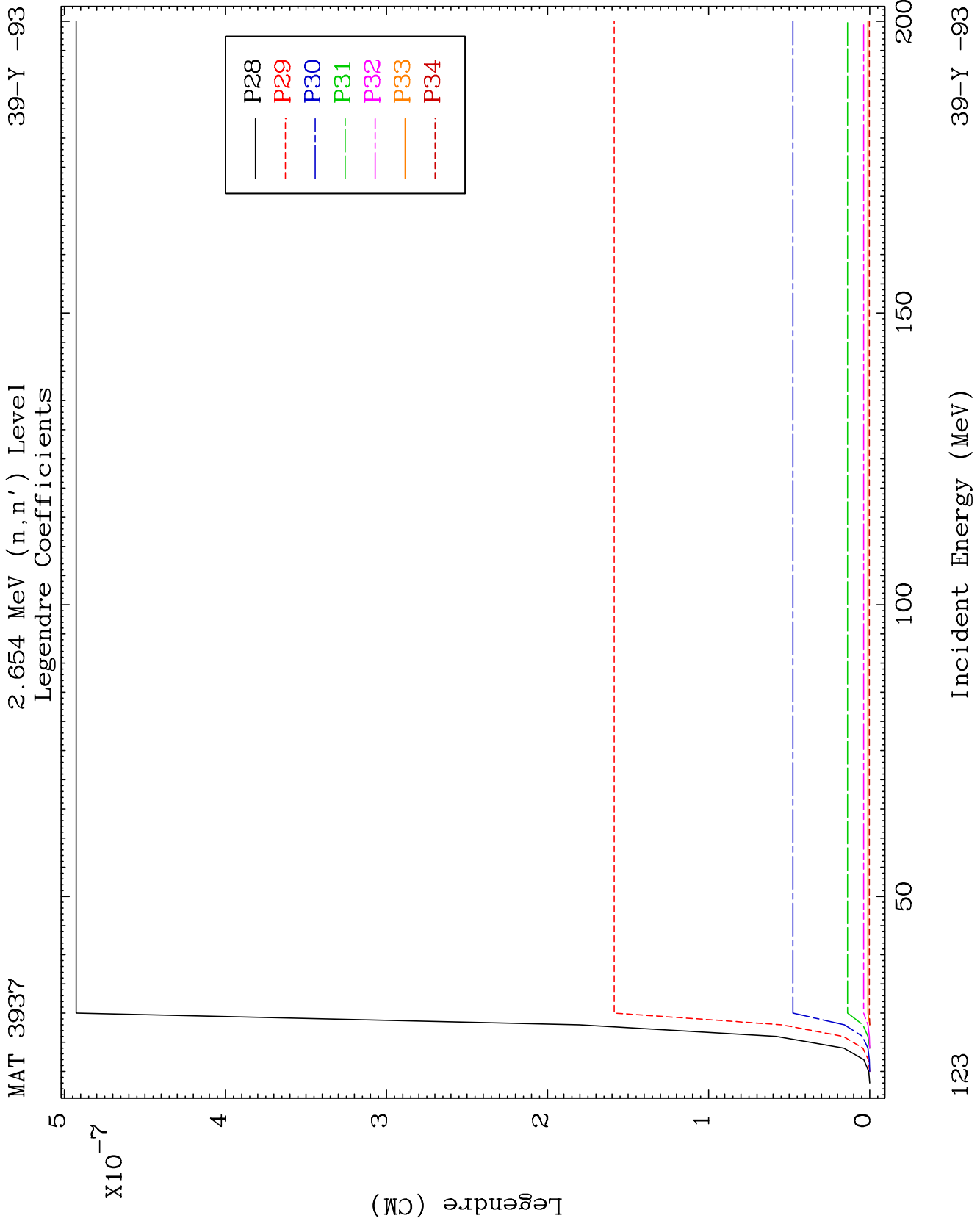


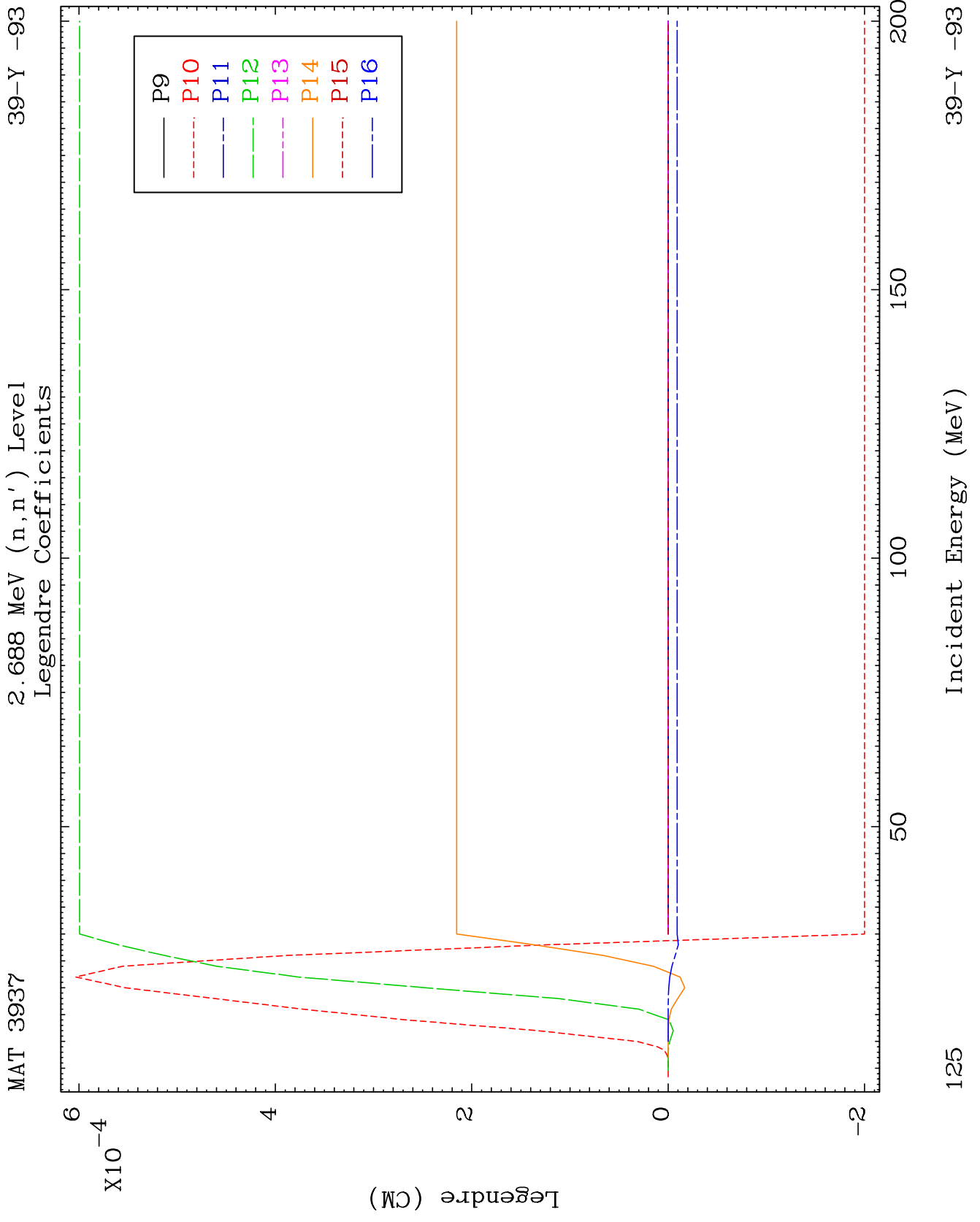
121

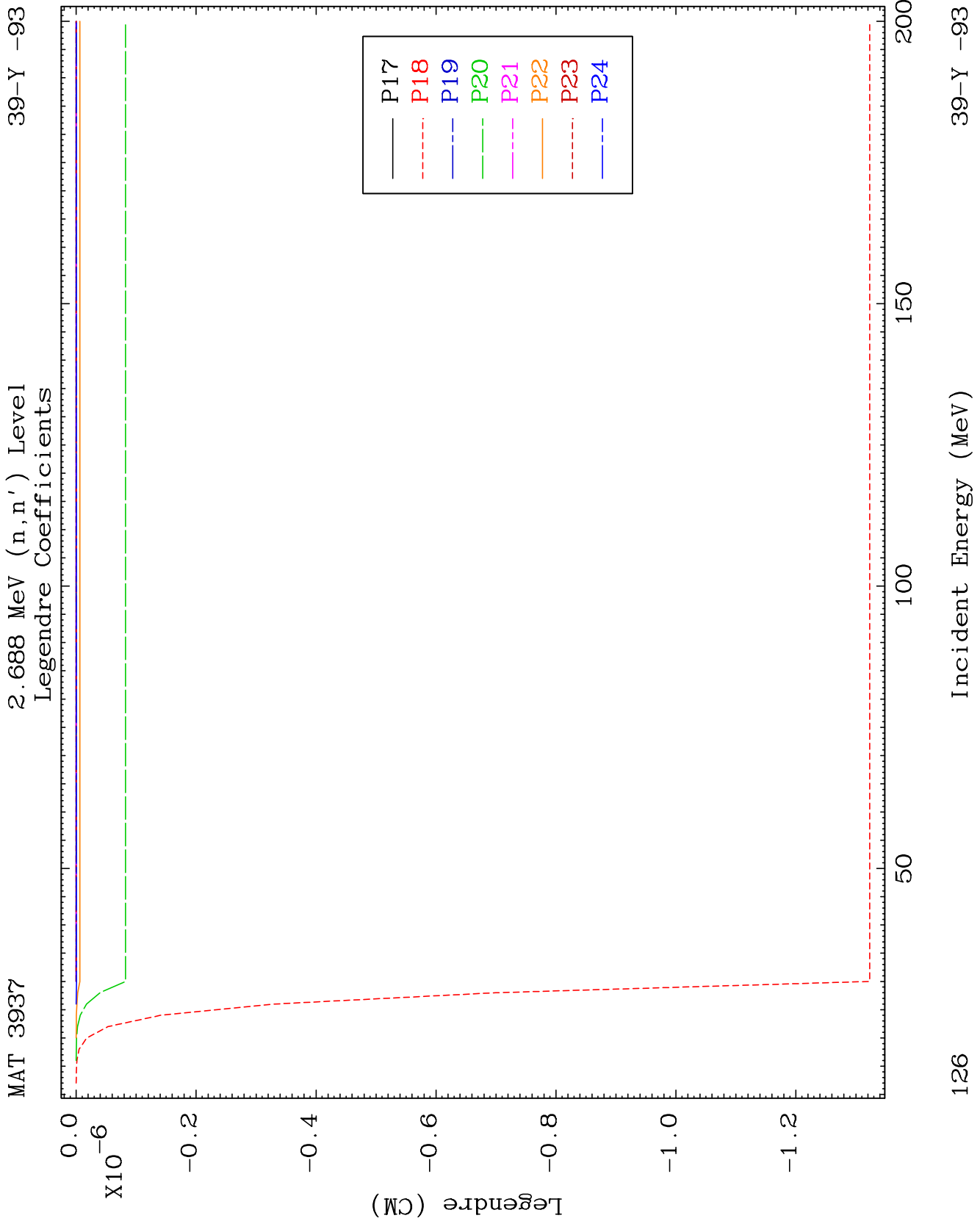
Incident Energy (MeV)

39-Y -93





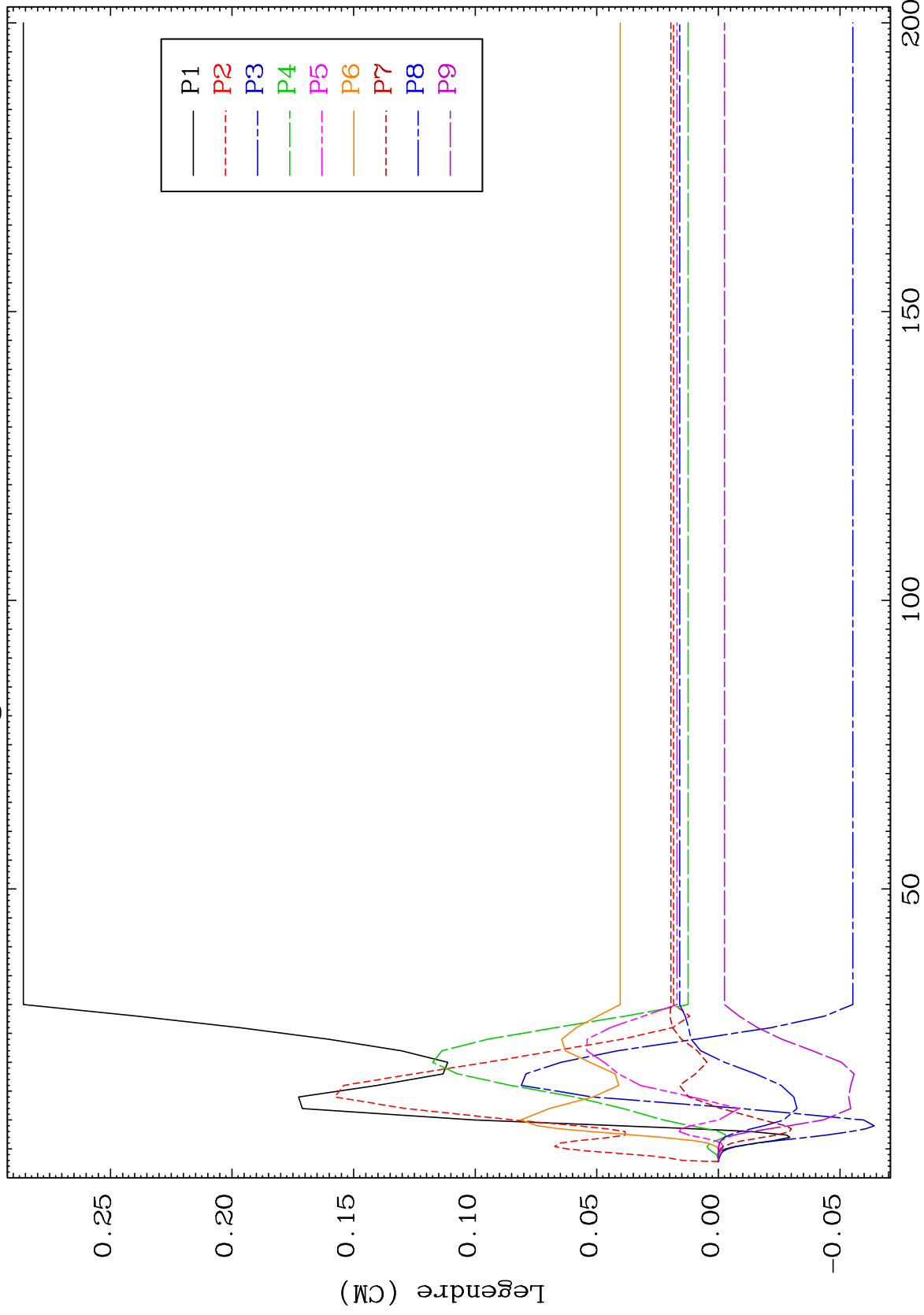




MAT 3937

2.770 MeV (n,n') Level
Legendre Coefficients

39-Y -93



127

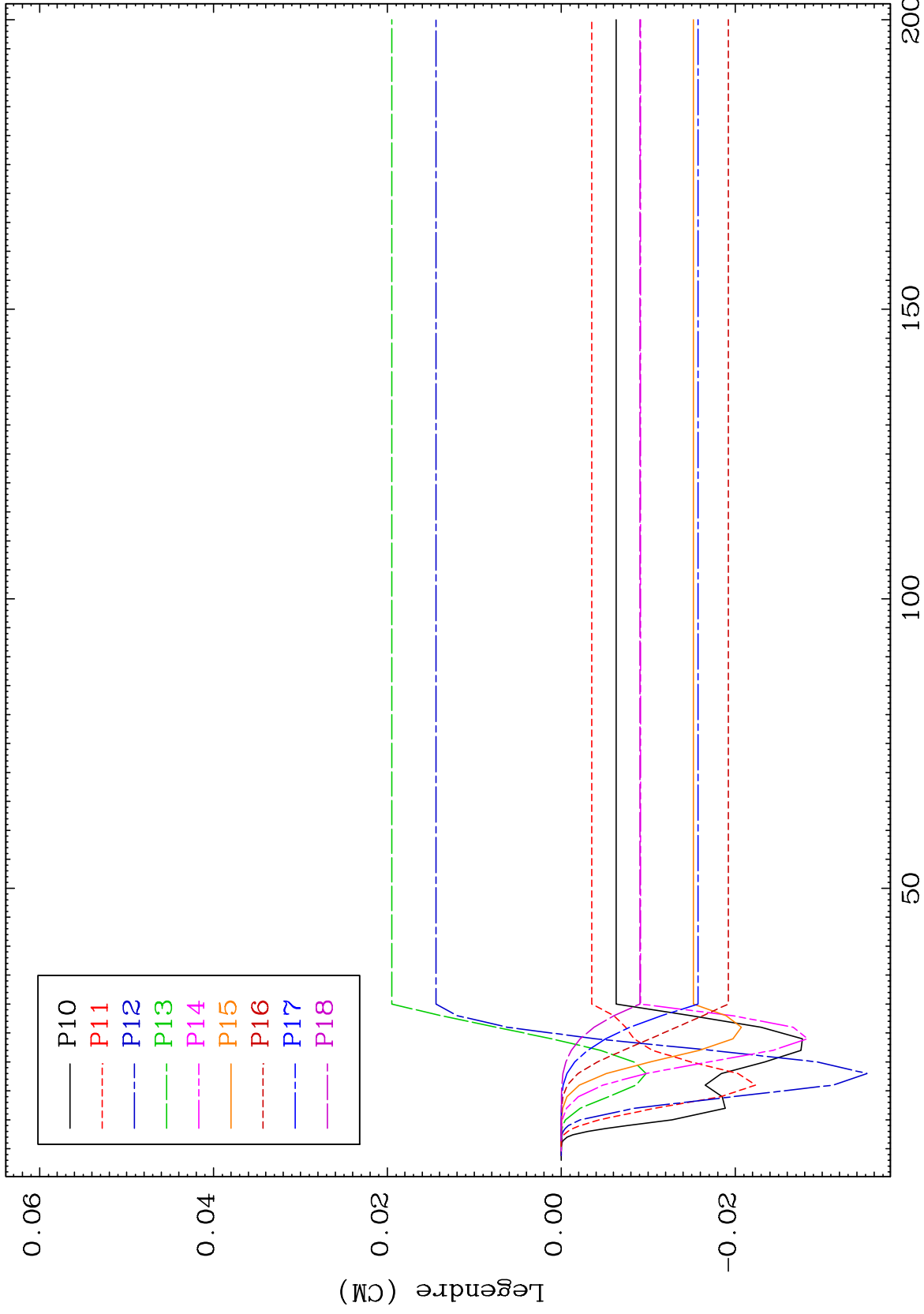
Incident Energy (MeV)

39-Y -93

MAT 3937

2.770 MeV (n,n') Level
Legendre Coefficients

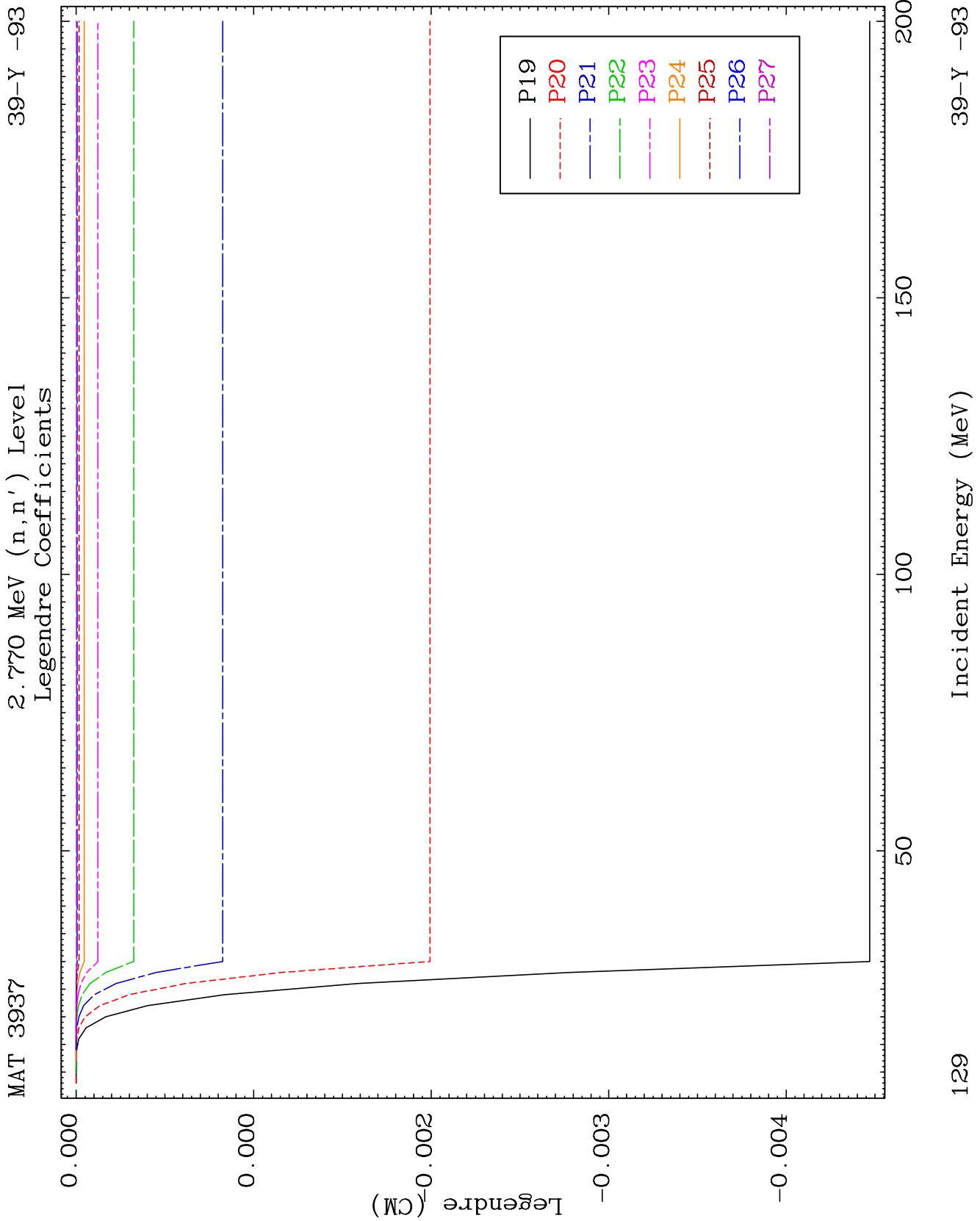
39-Y -93

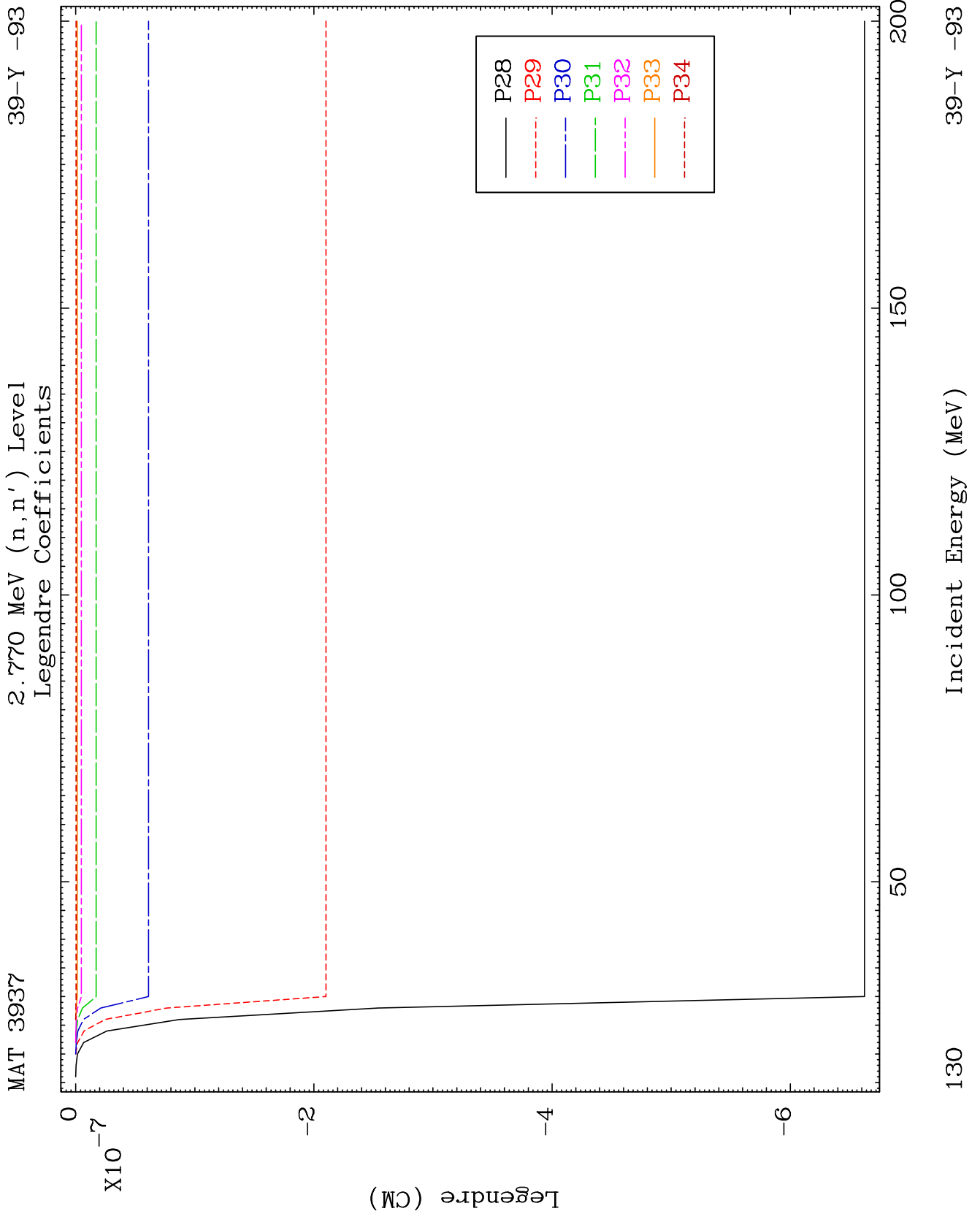


128

Incident Energy (MeV)

39-Y -93

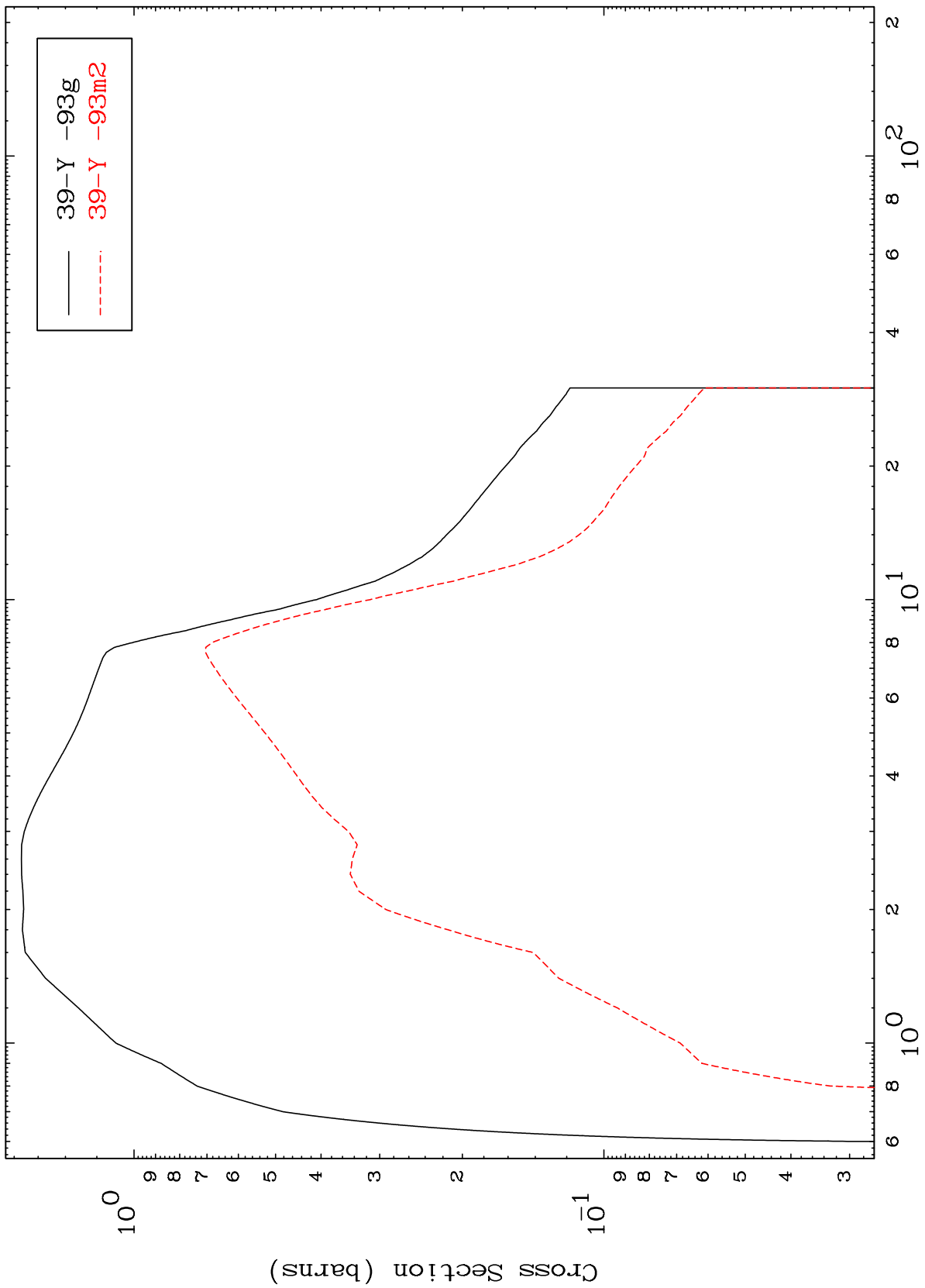




MAT 3937

39-Y -93

Inelastic
Radionuclide Production Cross Section



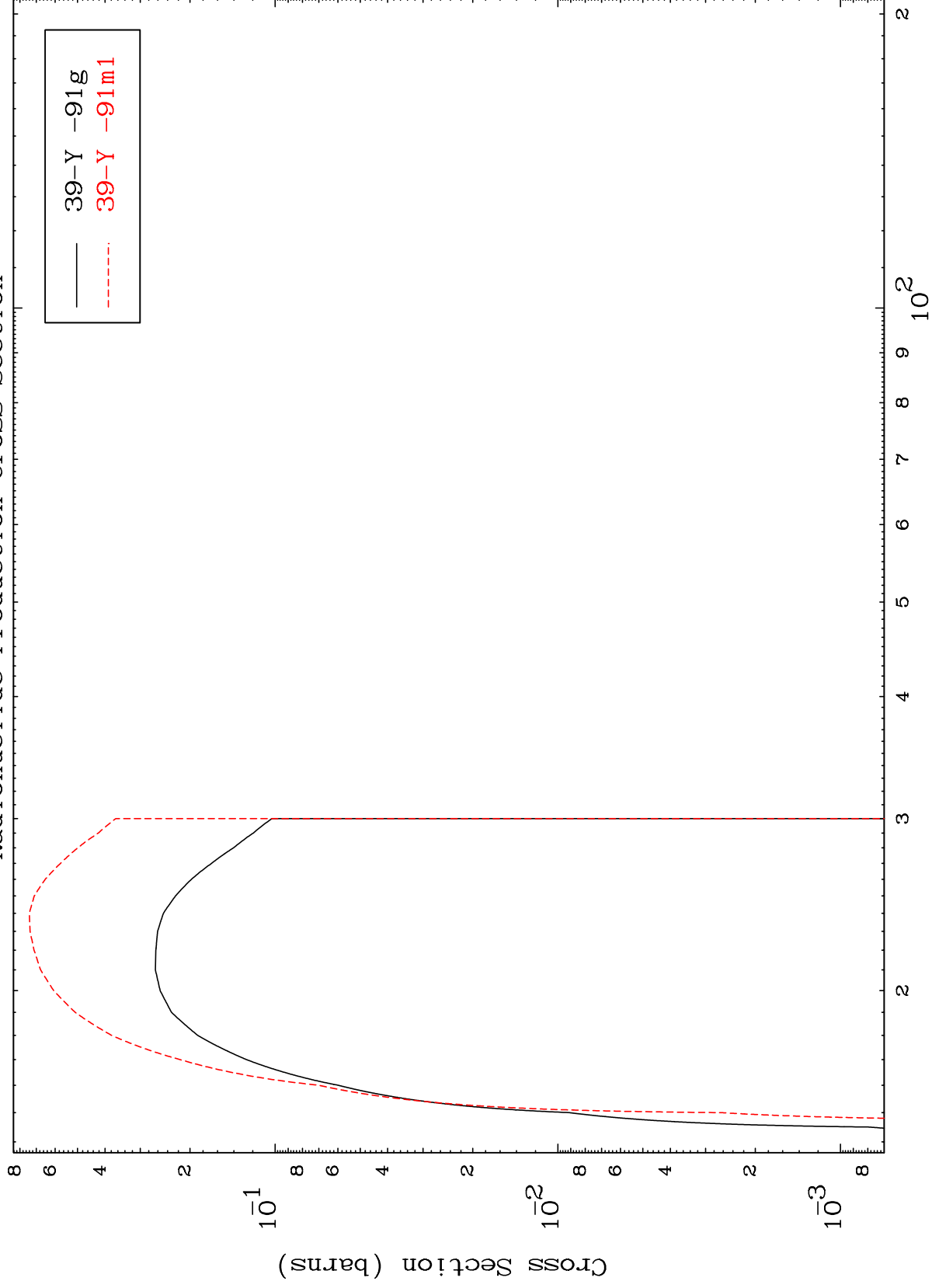
39-Y -93g
39-Y -93m2

131

Incident Energy (MeV)

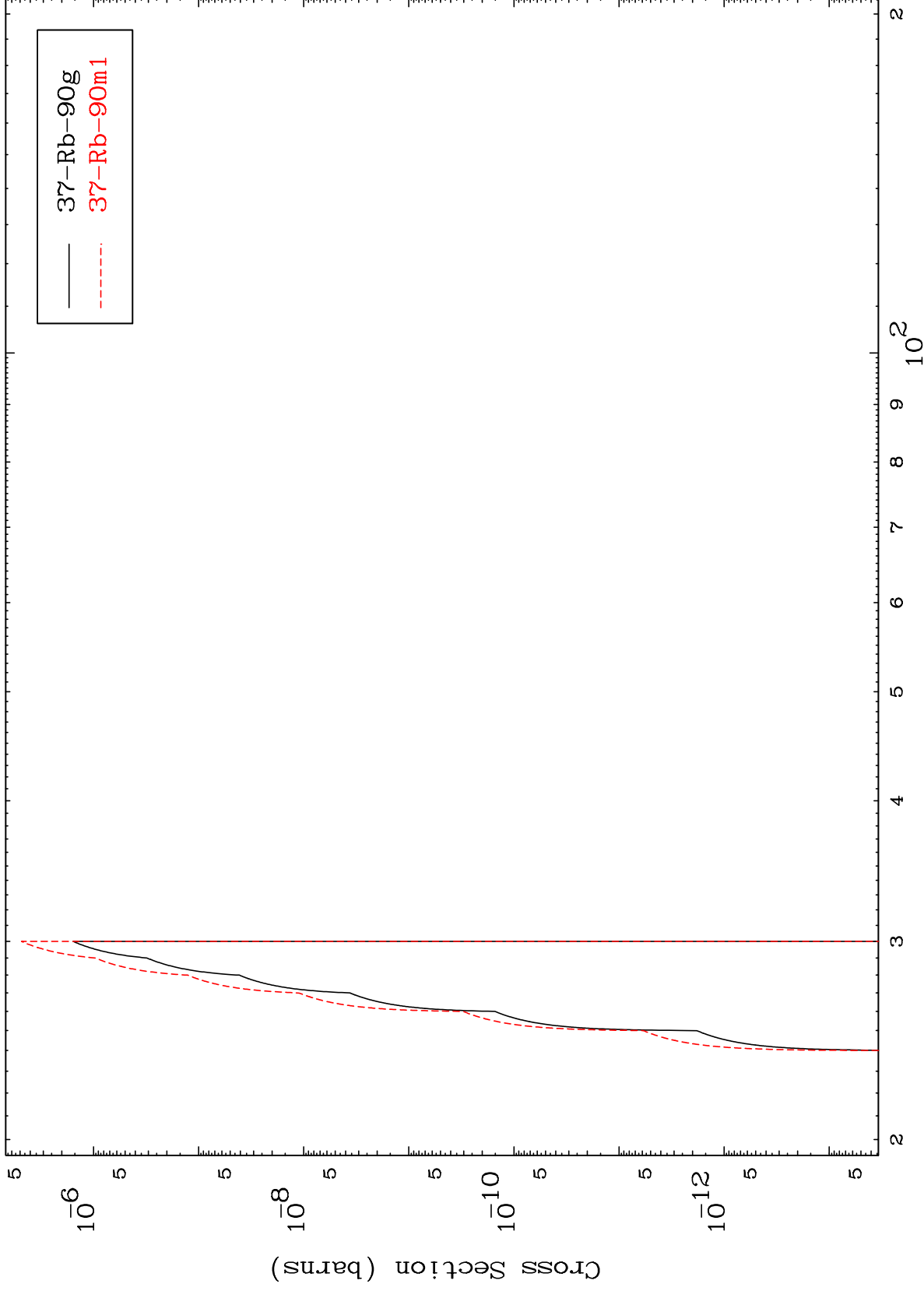
39-Y -93

Radionuclide Production Cross Section



39-Y -91g
39-Y -91m1

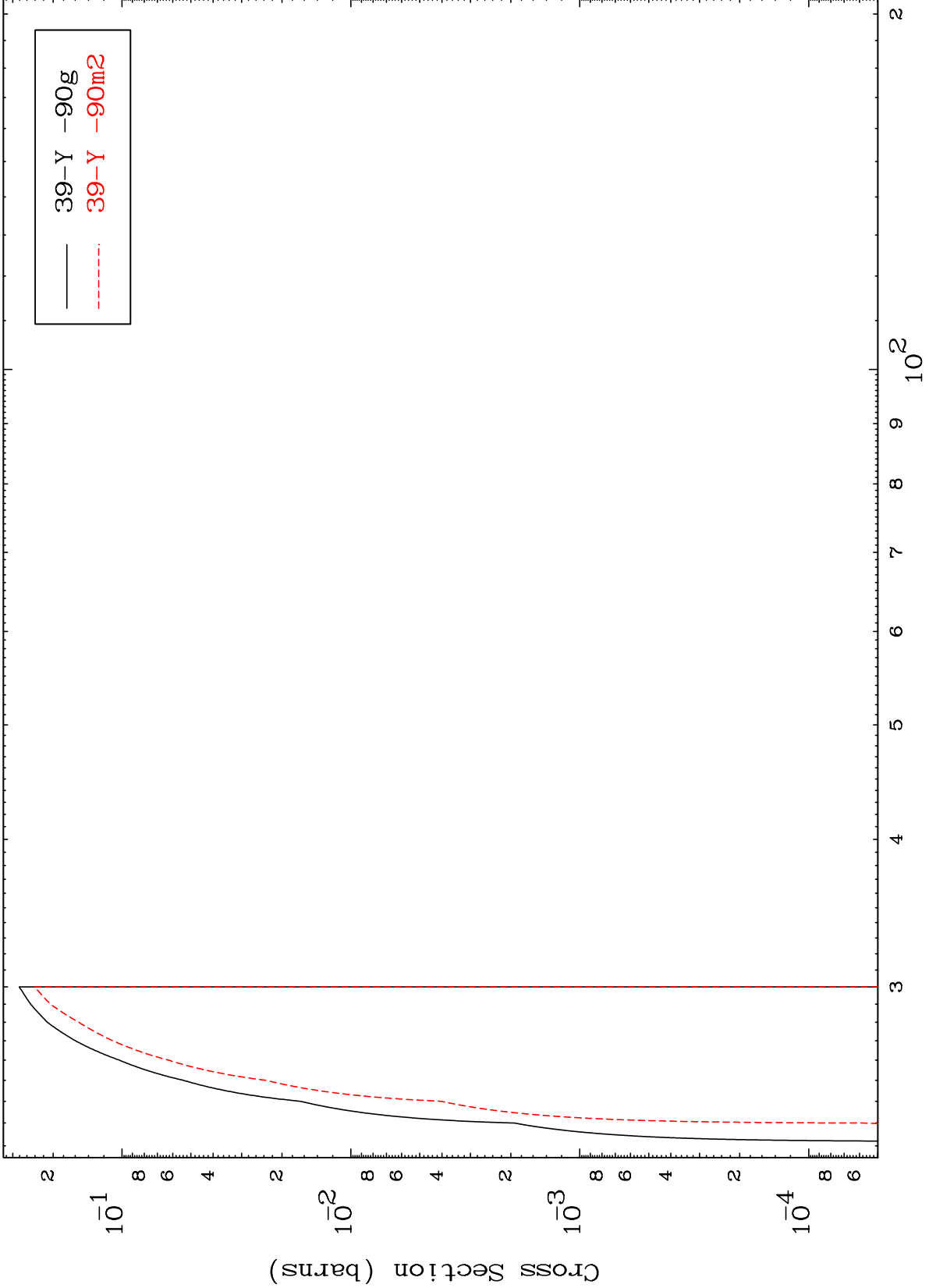
Radionuclide Production Cross Section



MAT 3937

39-Y -93

Radionuclide Production Cross Section
(n,4n)



39-Y -90g
39-Y -90m2

134

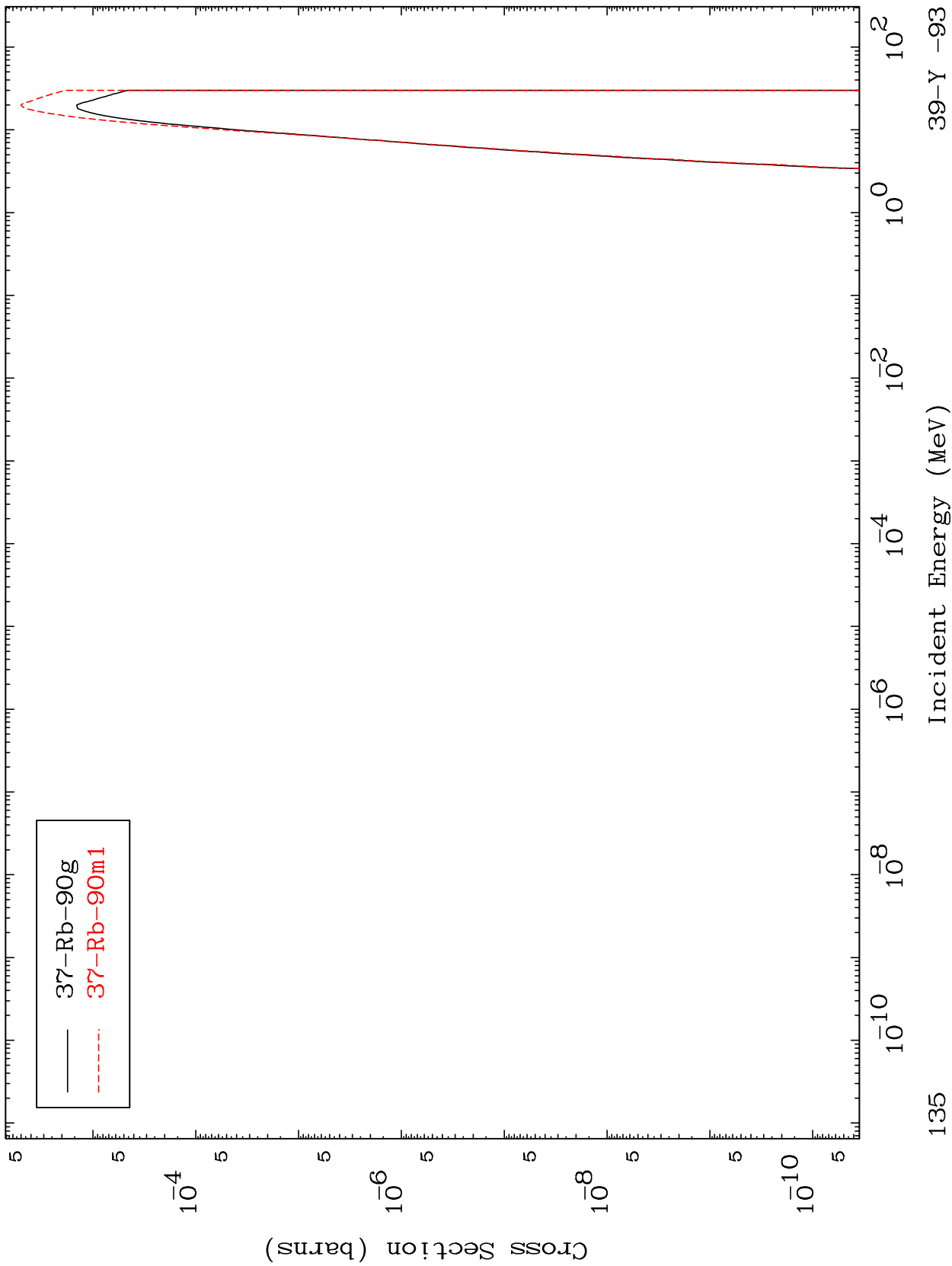
39-Y -93

Incident Energy (MeV)

MAT 3937

39-Y -93

Radionuclide Production Cross Section



— 37-Rb-90g
- - - 37-Rb-90m1

135

Incident Energy (MeV)

39-Y -93

Radionuclide Production Cross Section

