

Program EVALPLOT
(Version 2015-2)

by

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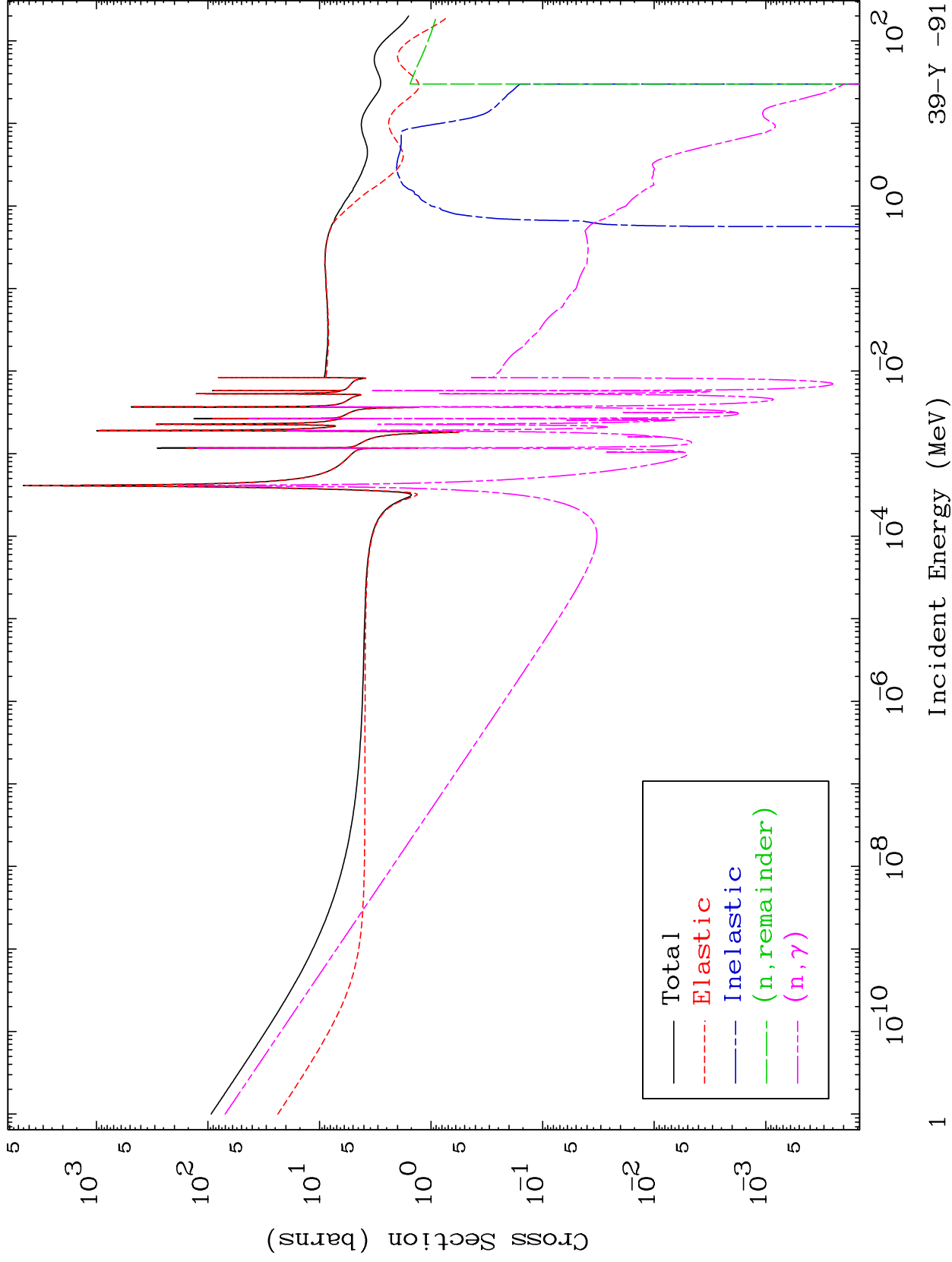
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

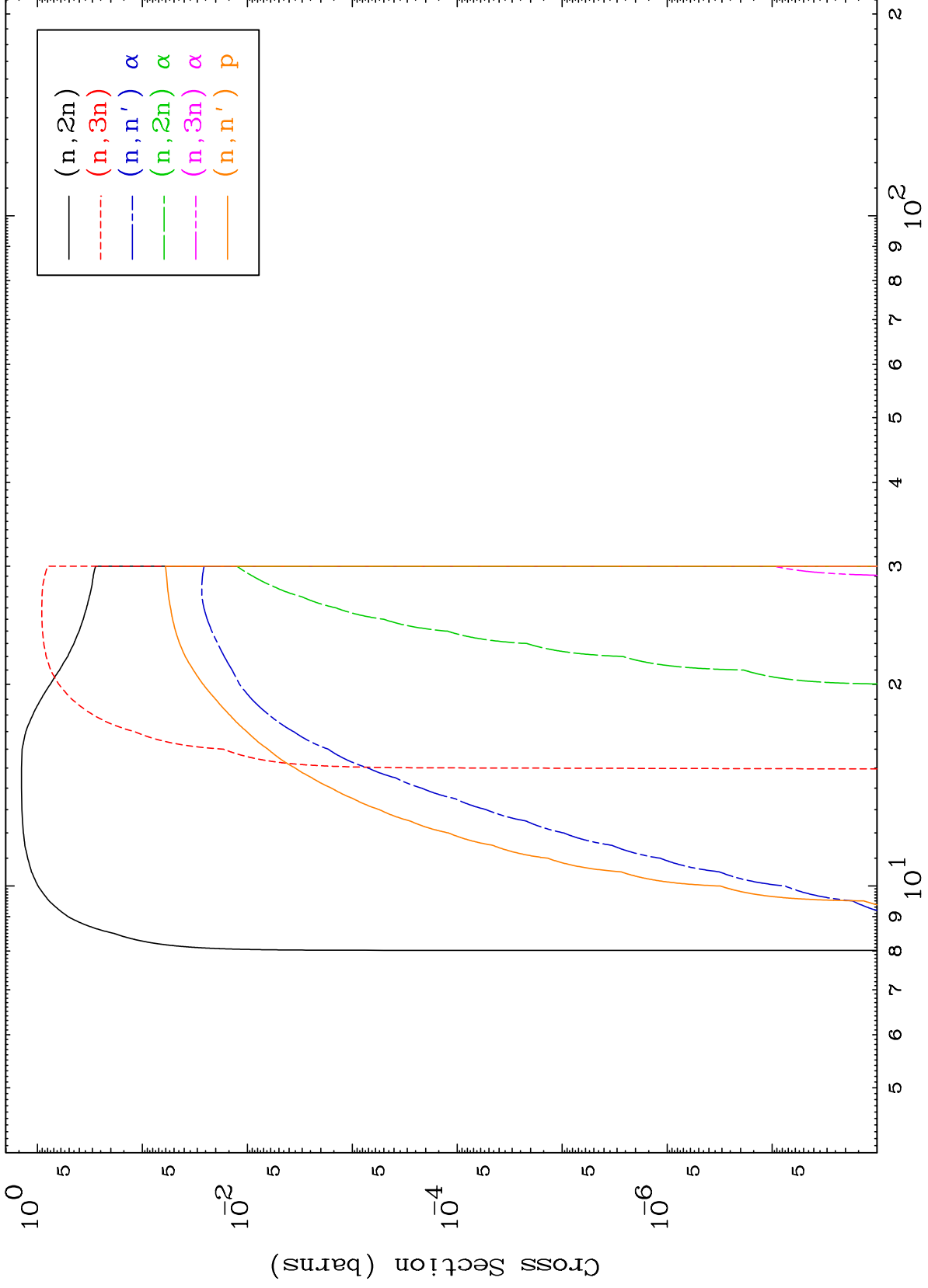
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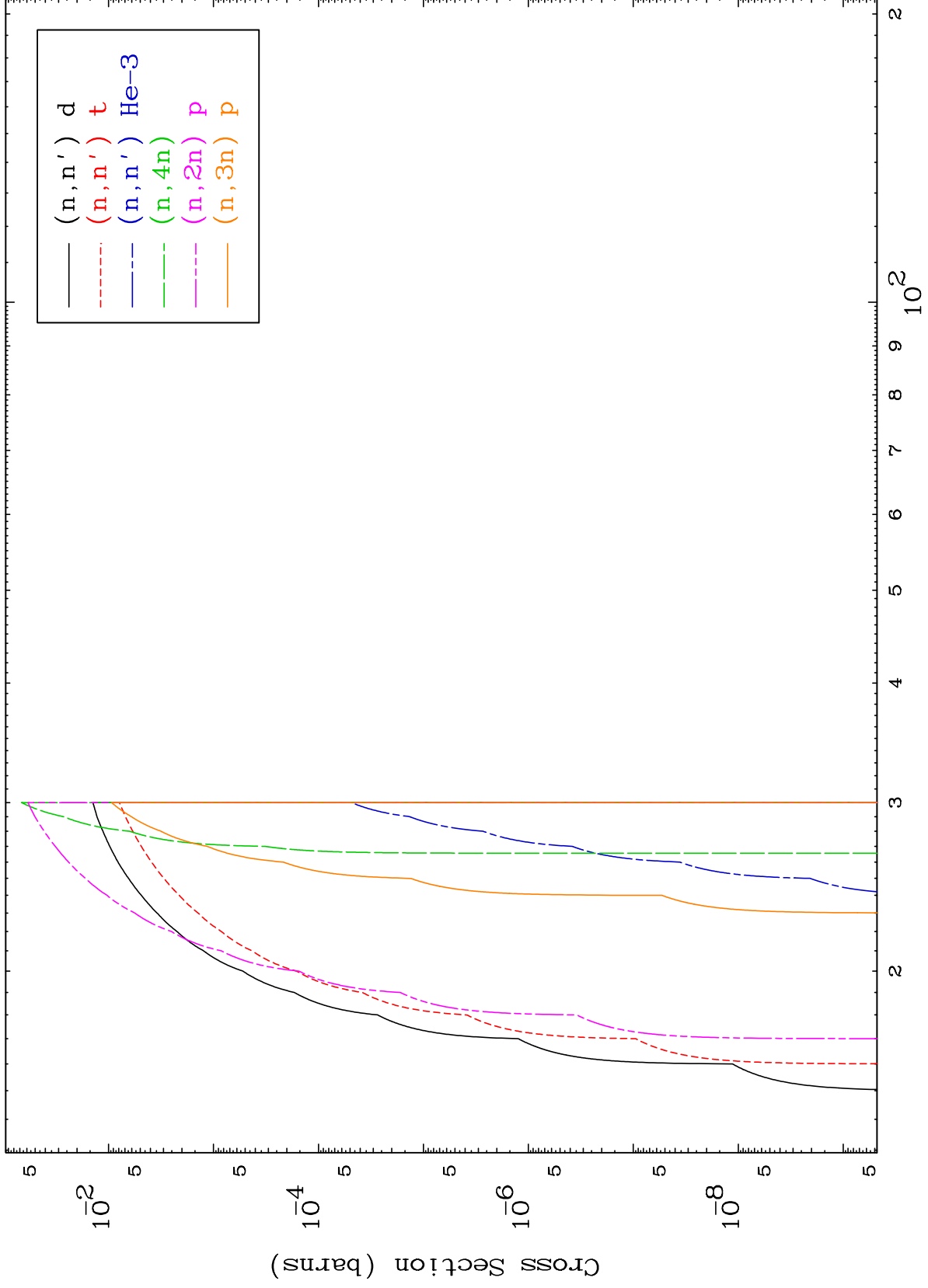
MAT 3931

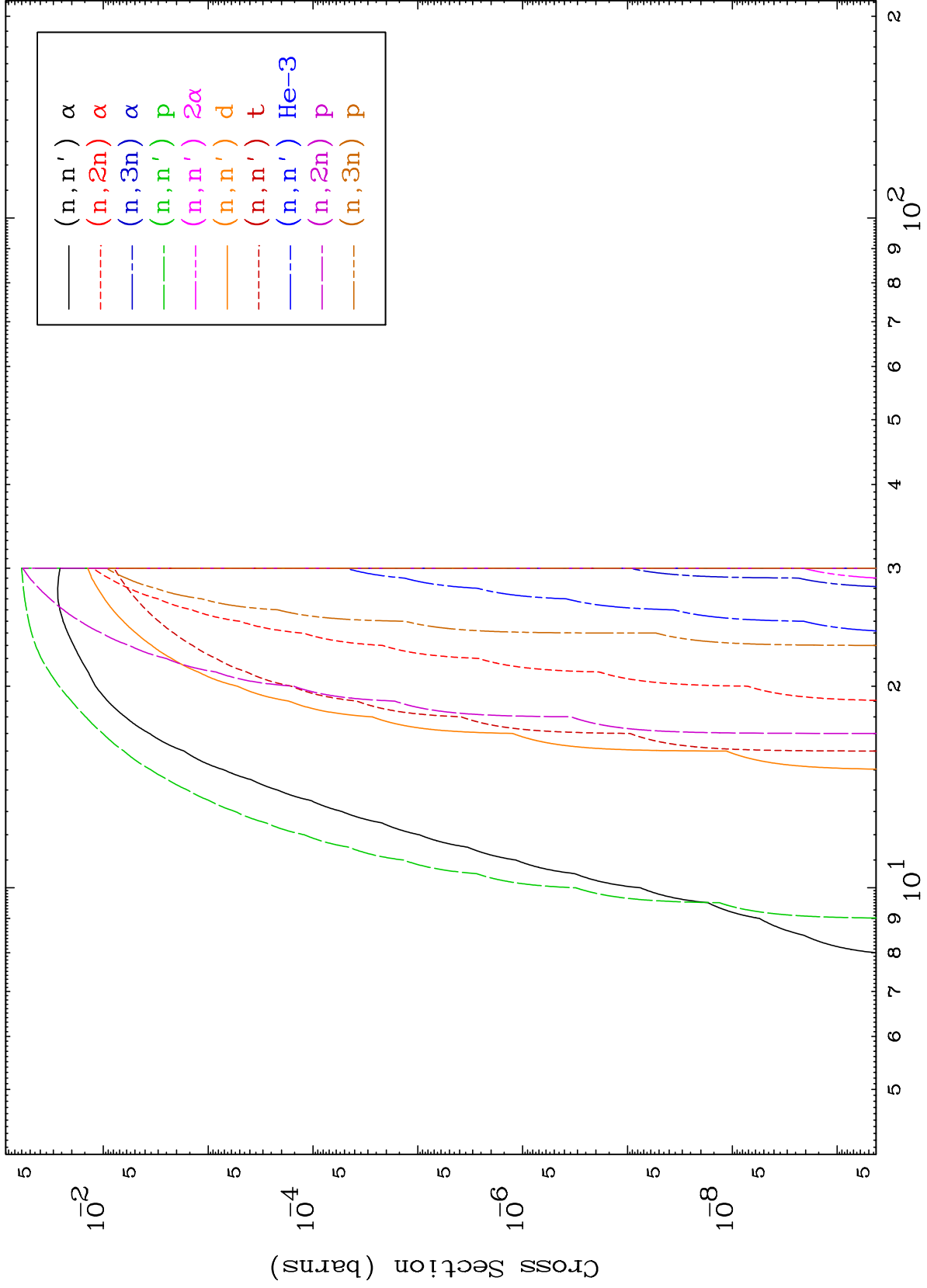
Major
293 Kelvin Cross Sections

39-Y -91





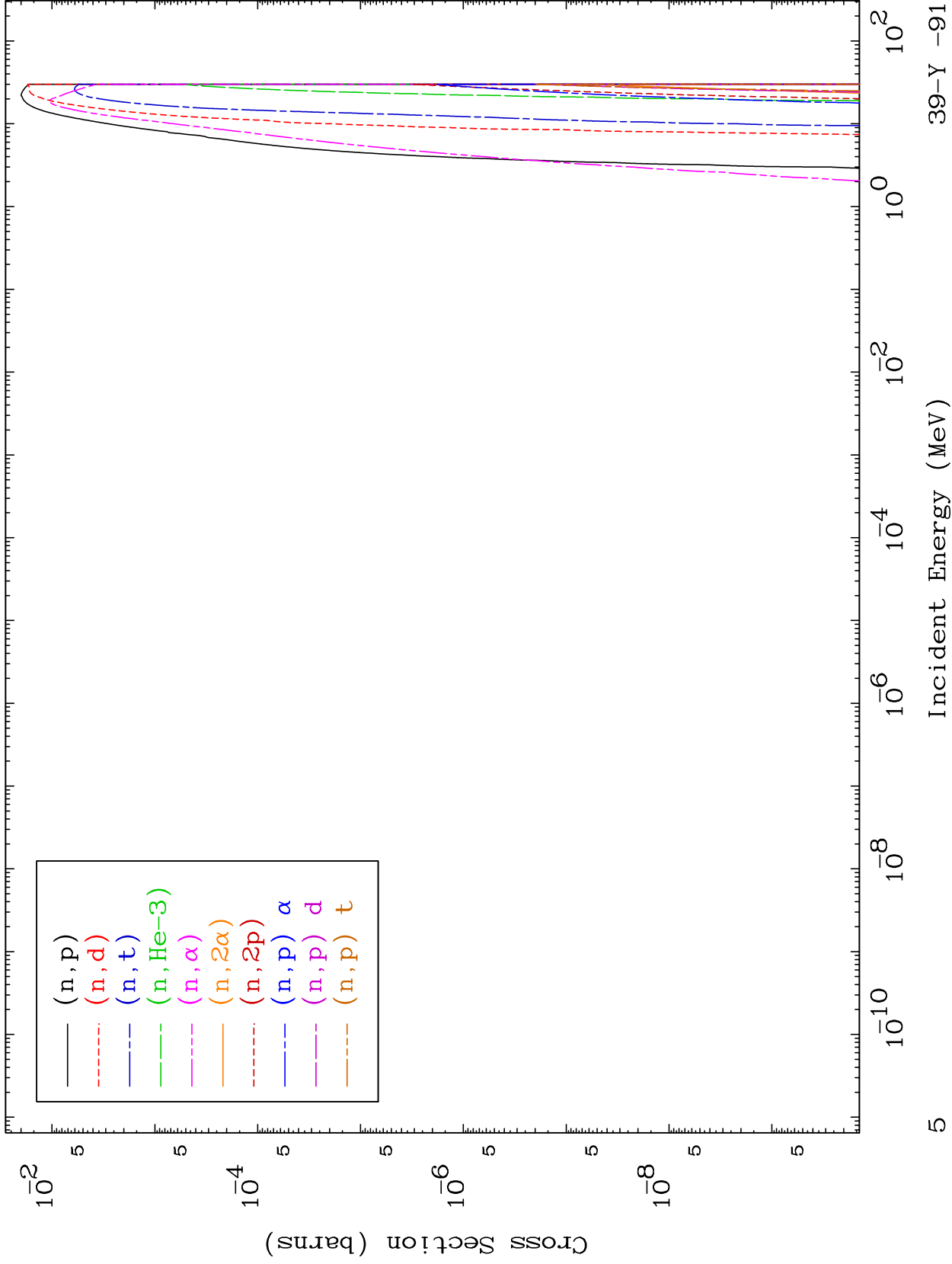




MAT 3931

Charged Particle
293 Kelvin Cross Sections

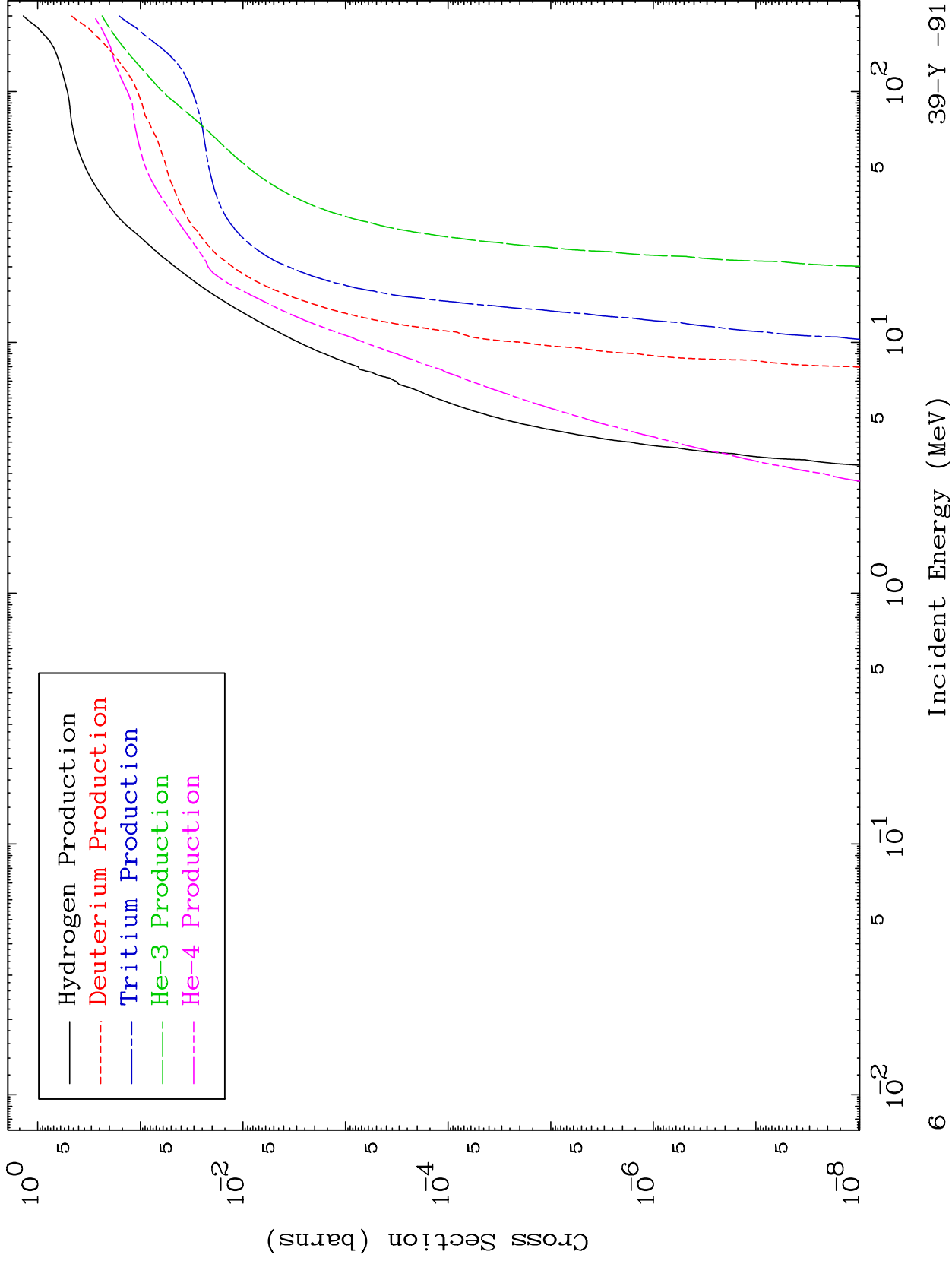
39-Y -91



MAT 3931

Particle Production
293 Kelvin Cross Sections

39-Y -91



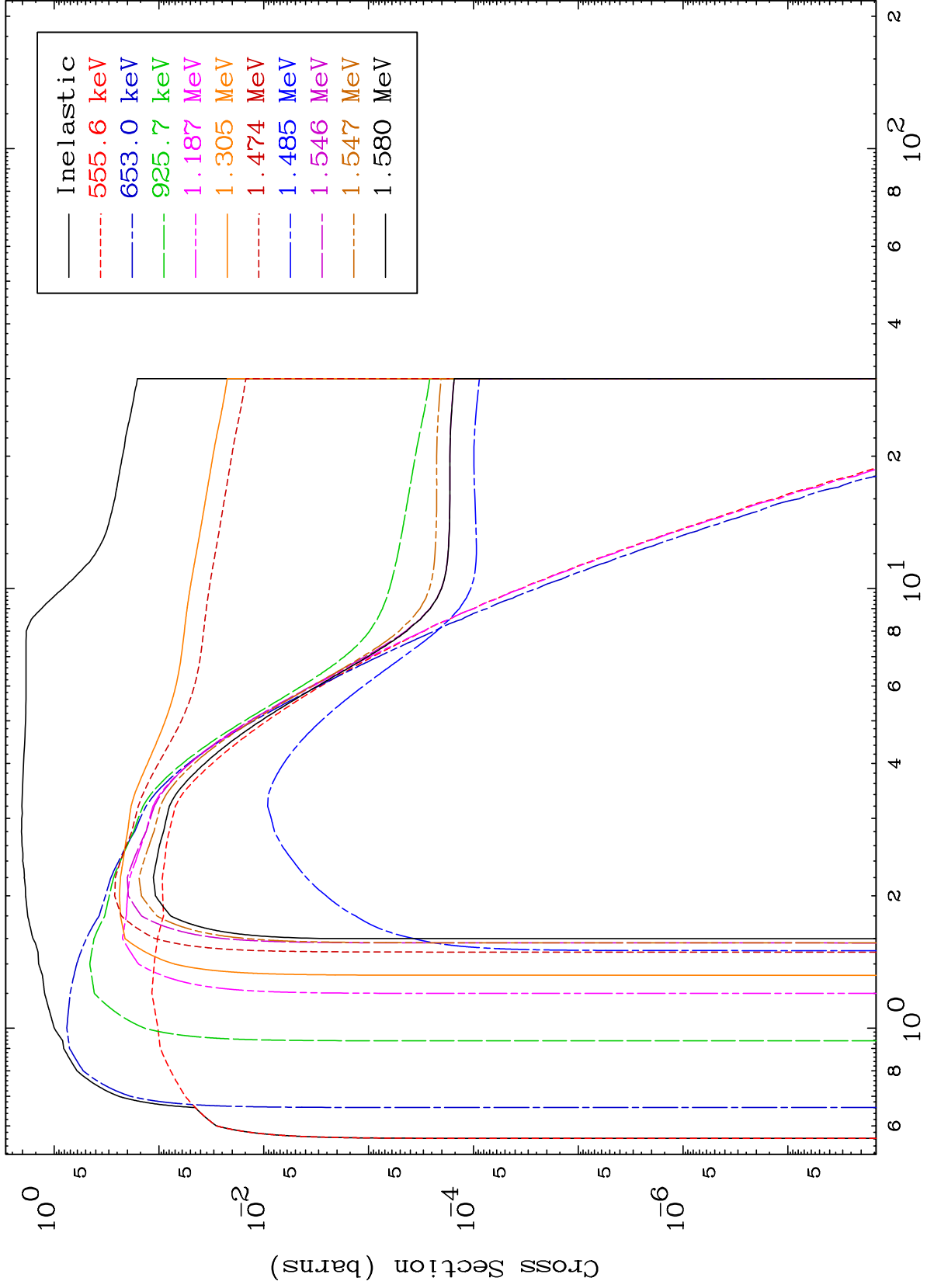
39-Y -91

MAT 3931

(n,n') Level

39-Y -91

293 Kelvin Cross Sections



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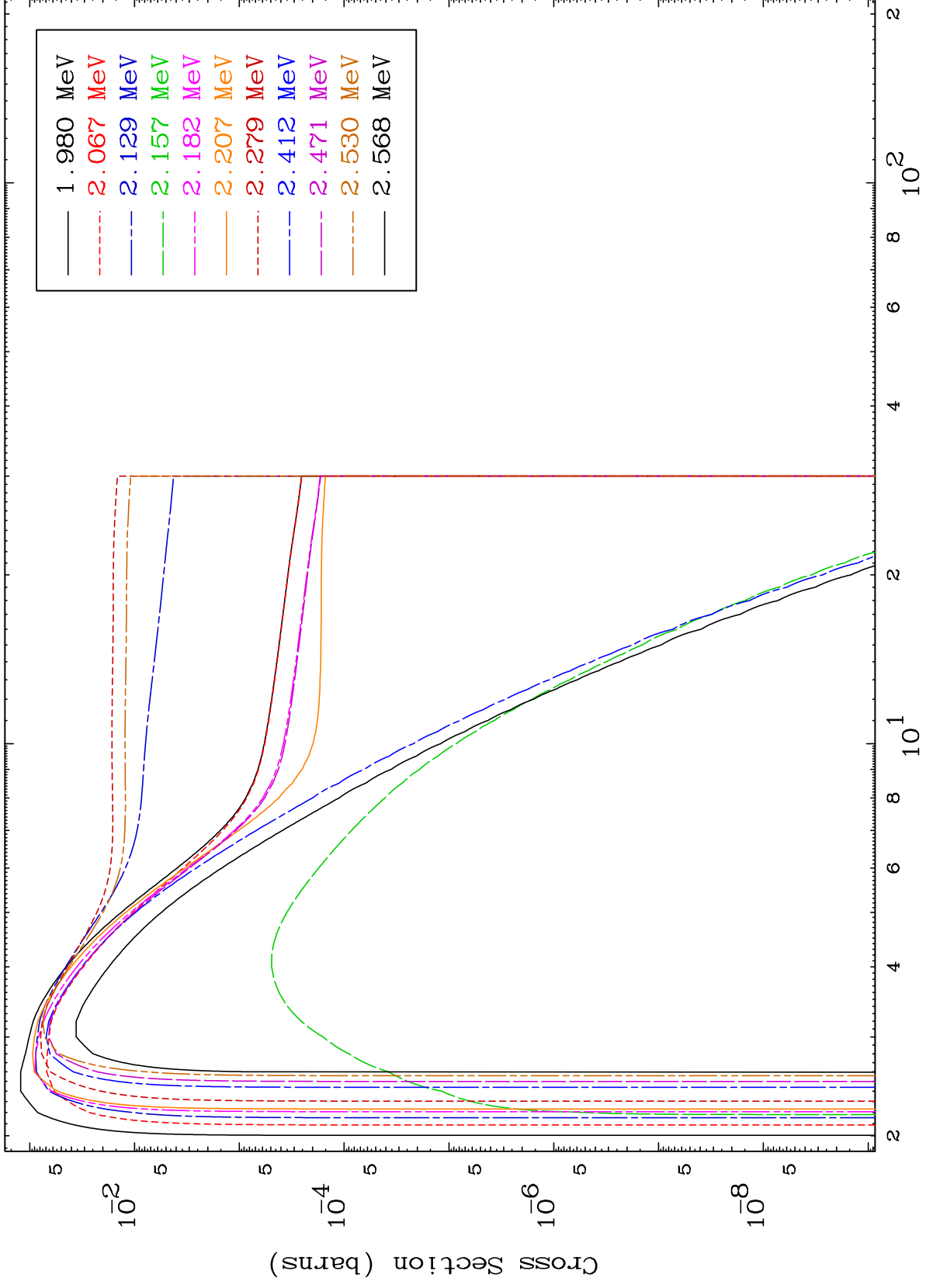
Incident Energy (MeV)

39-Y -91

MAT 3931

(n,n') Level
293 Kelvin Cross Sections

39-Y -91

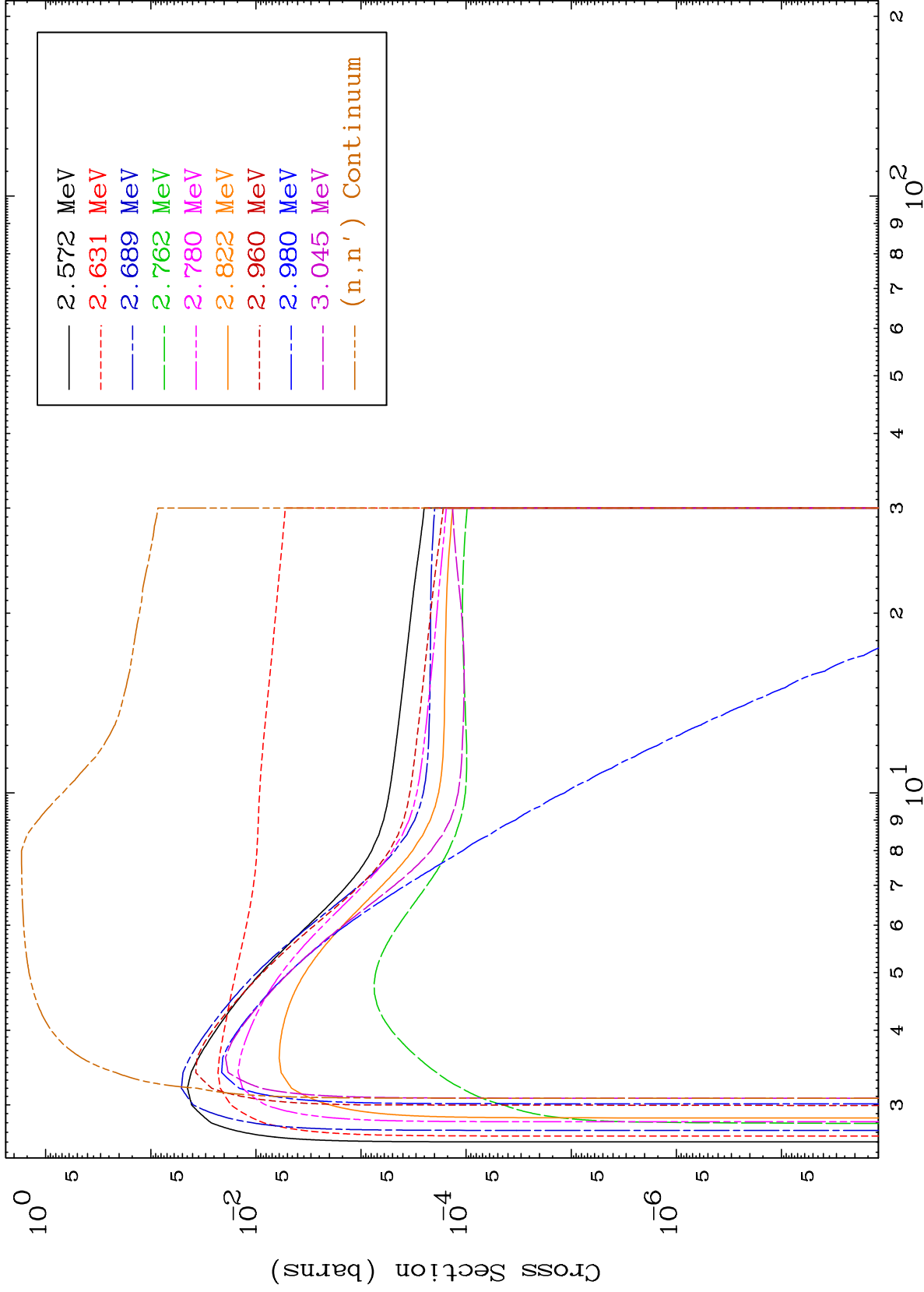


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Incident Energy (MeV)

39-Y -91

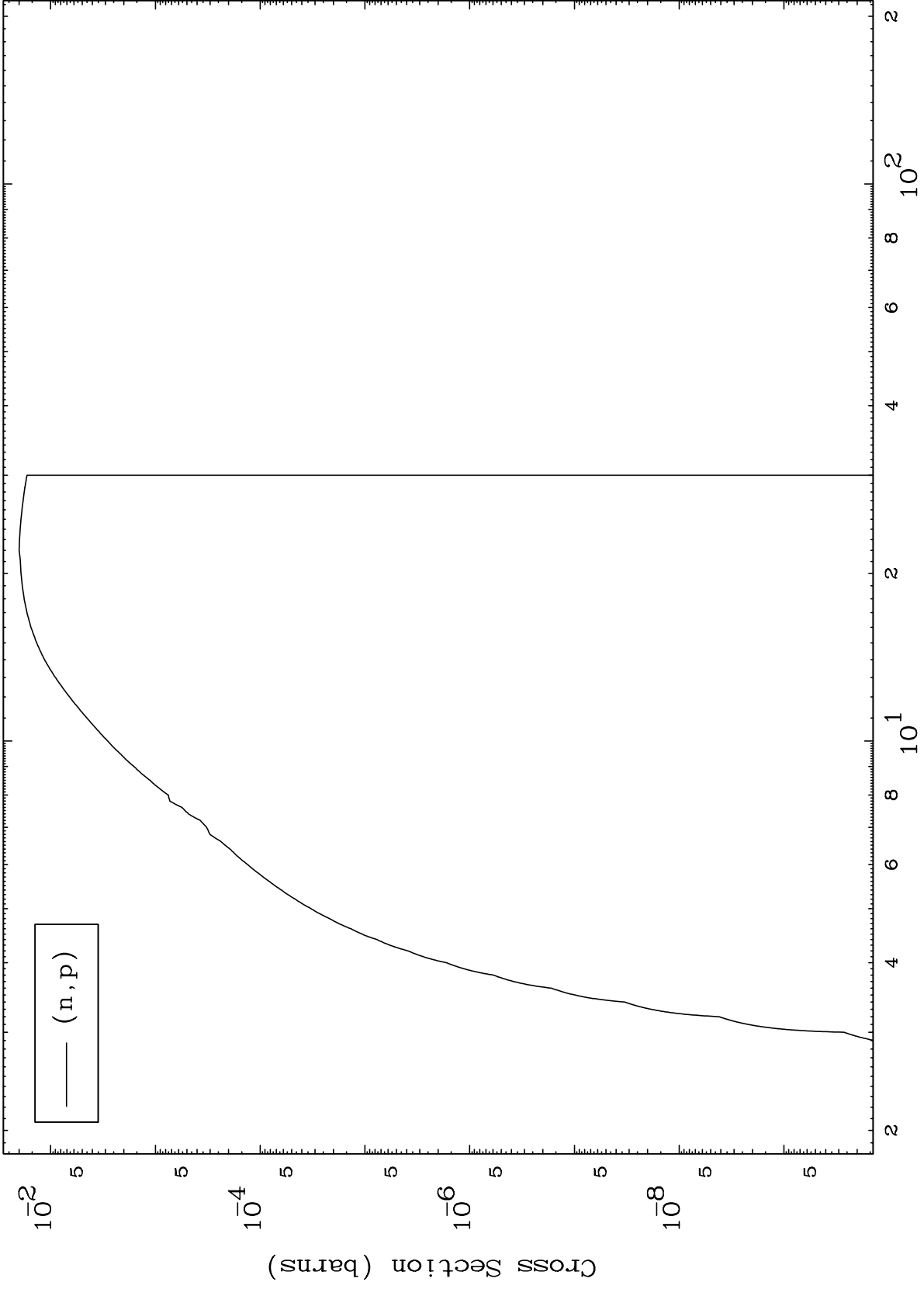
293 Kelvin Cross Sections



MAT 3931

(n,p) Levels
293 Kelvin Cross Sections

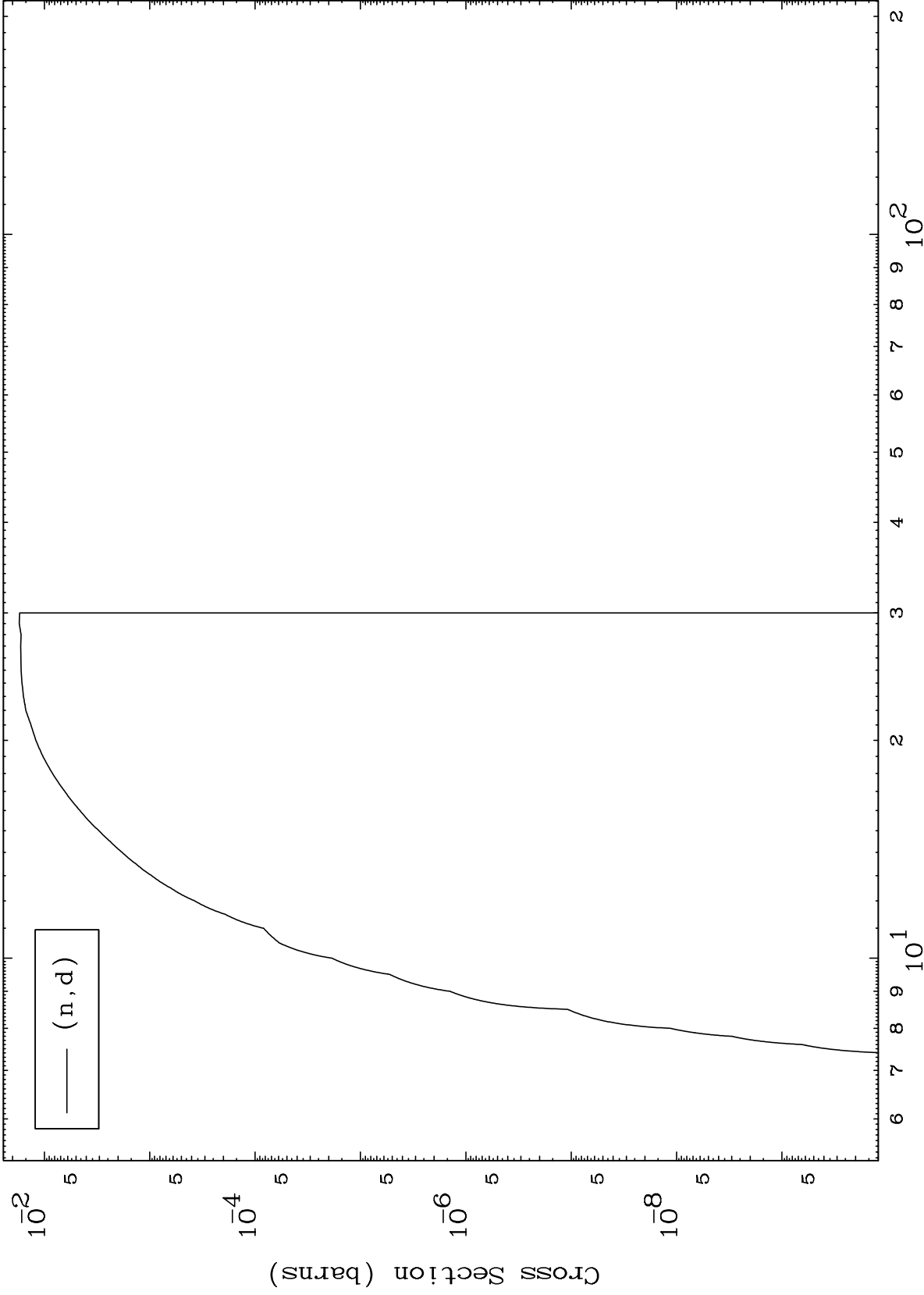
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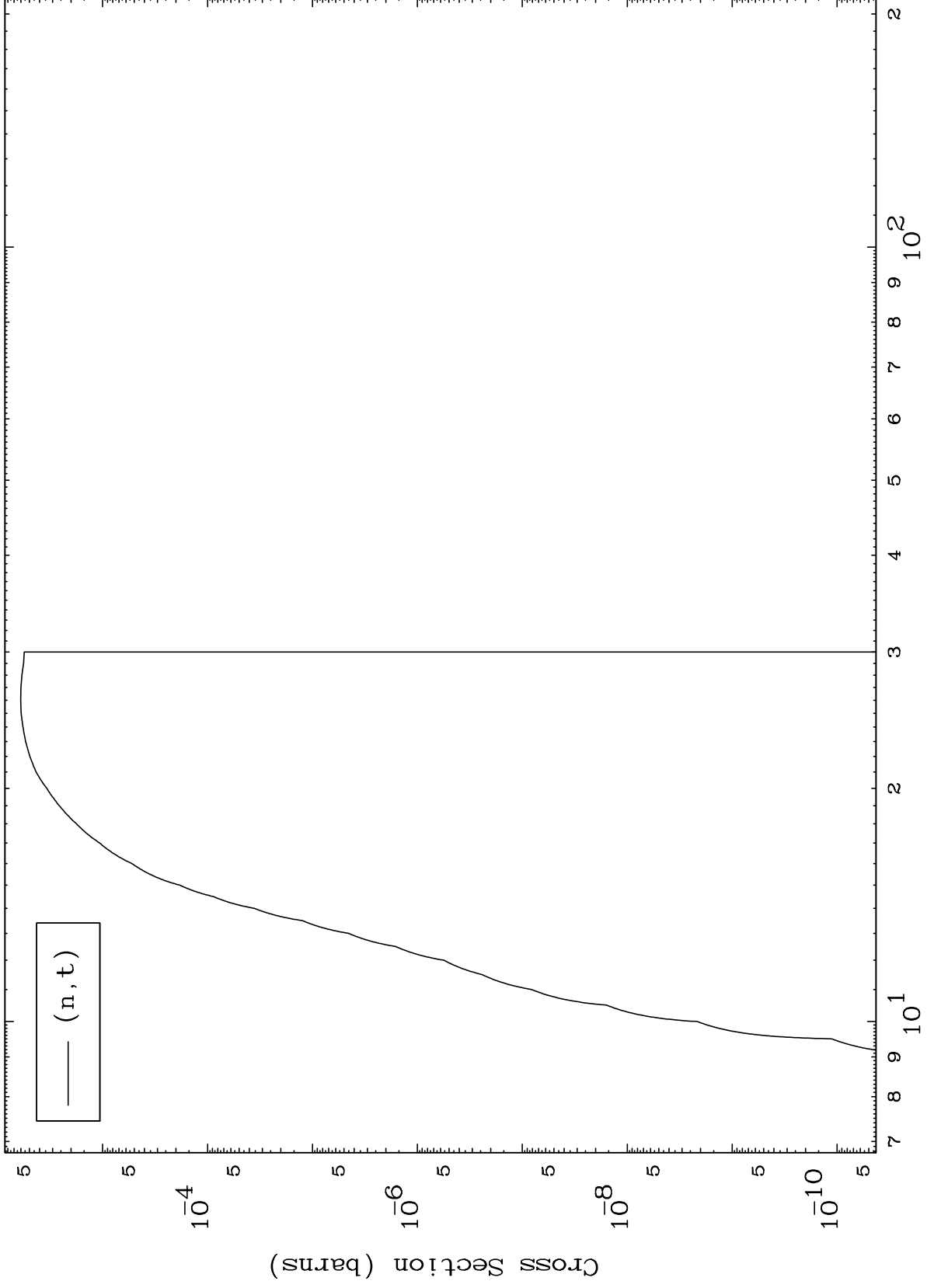


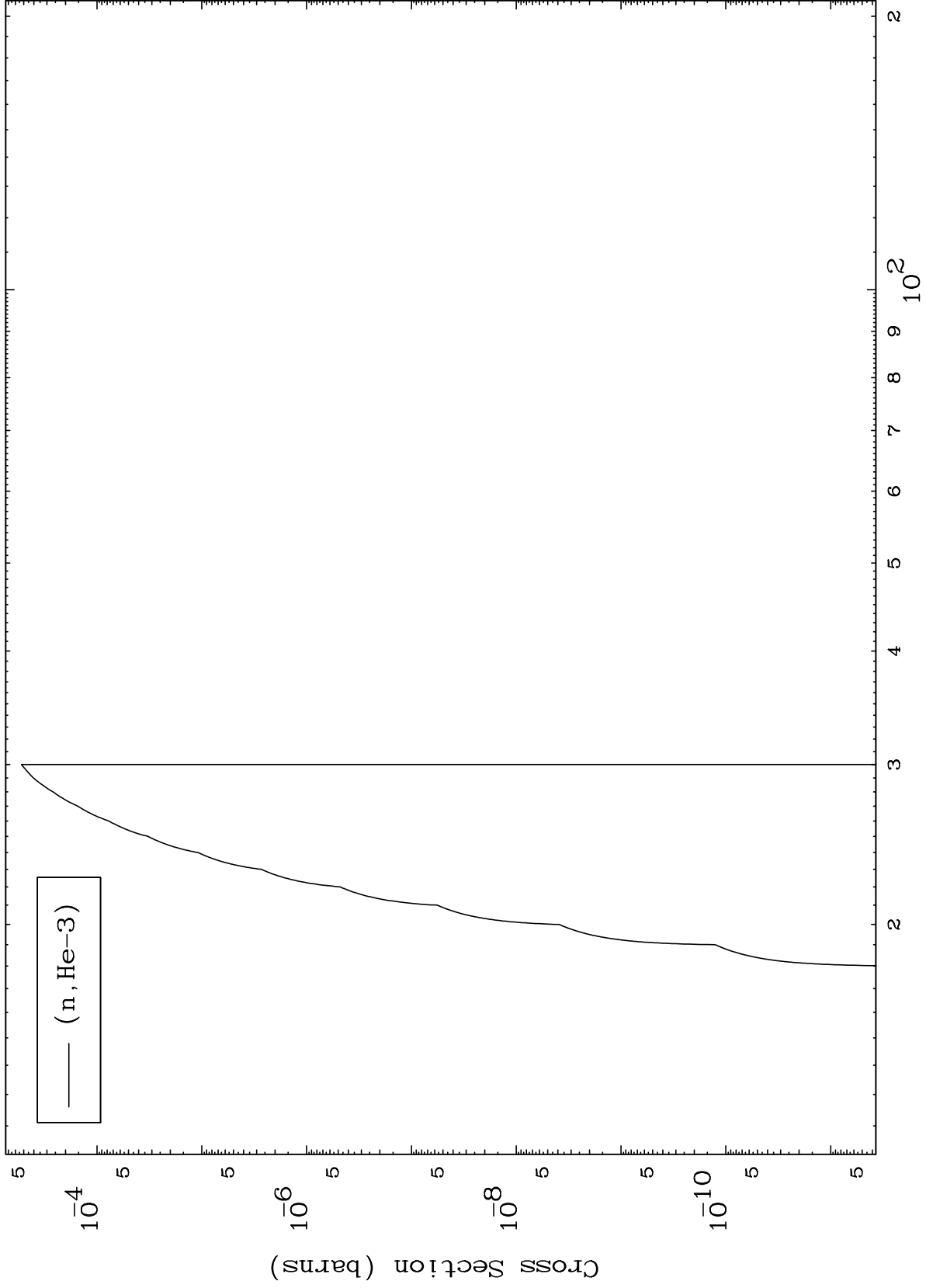
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Incident Energy (MeV)

39-Y -91



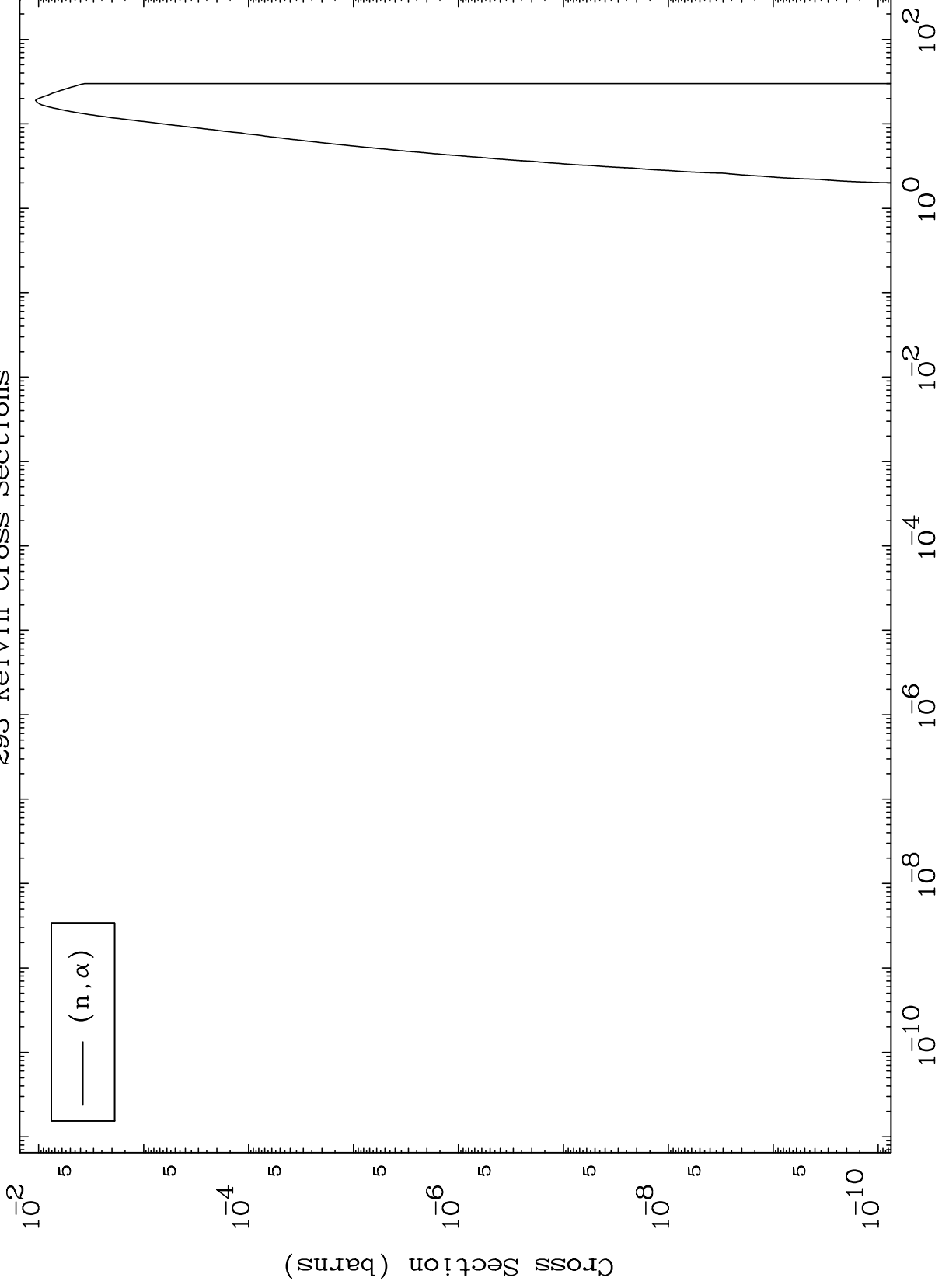


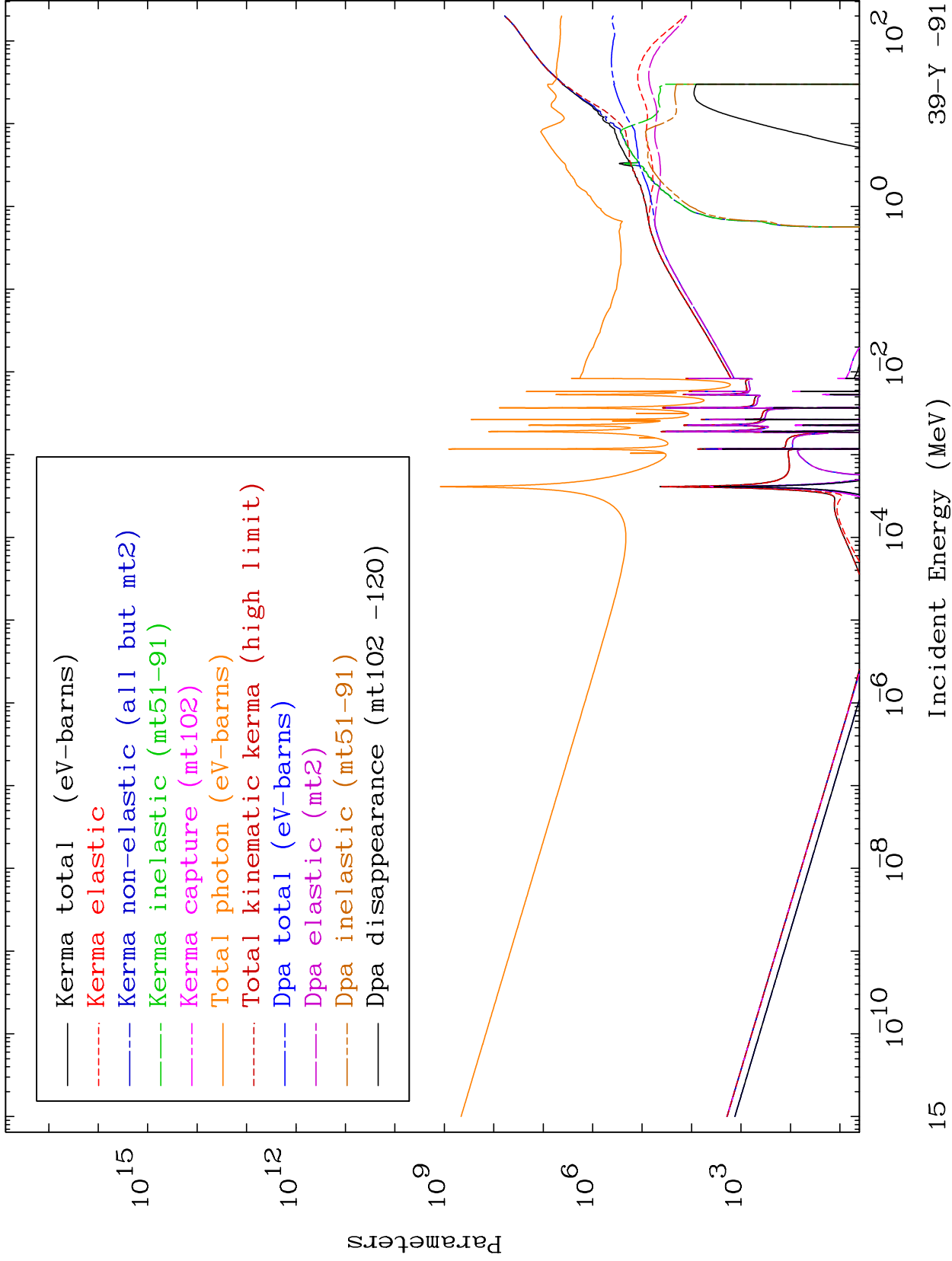


MAT 3931

(n, α) Levels
293 Kelvin Cross Sections

39-Y -91

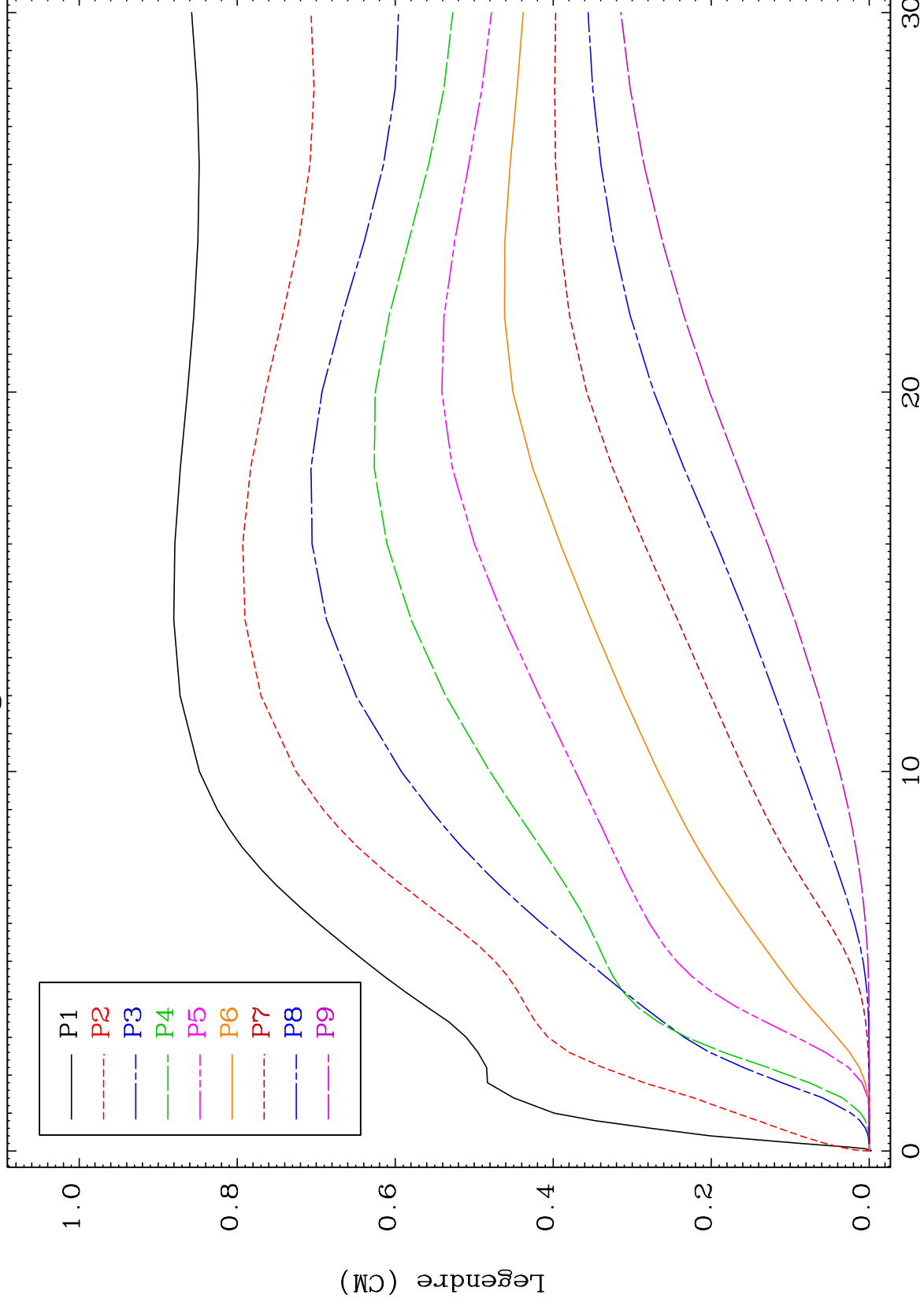




MAT 3931

Elastic Legendre Coefficients

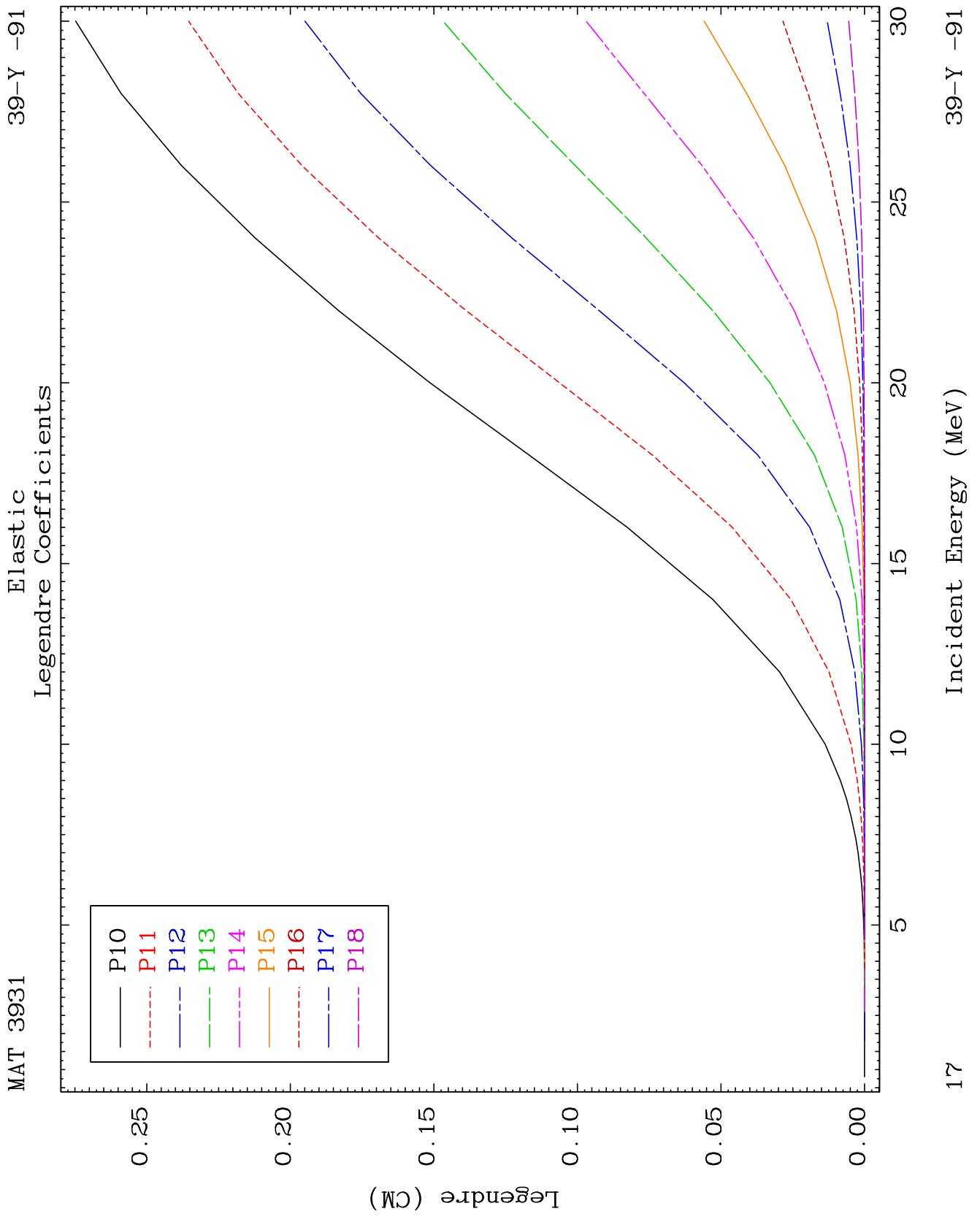
39-Y -91



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Incident Energy (MeV)

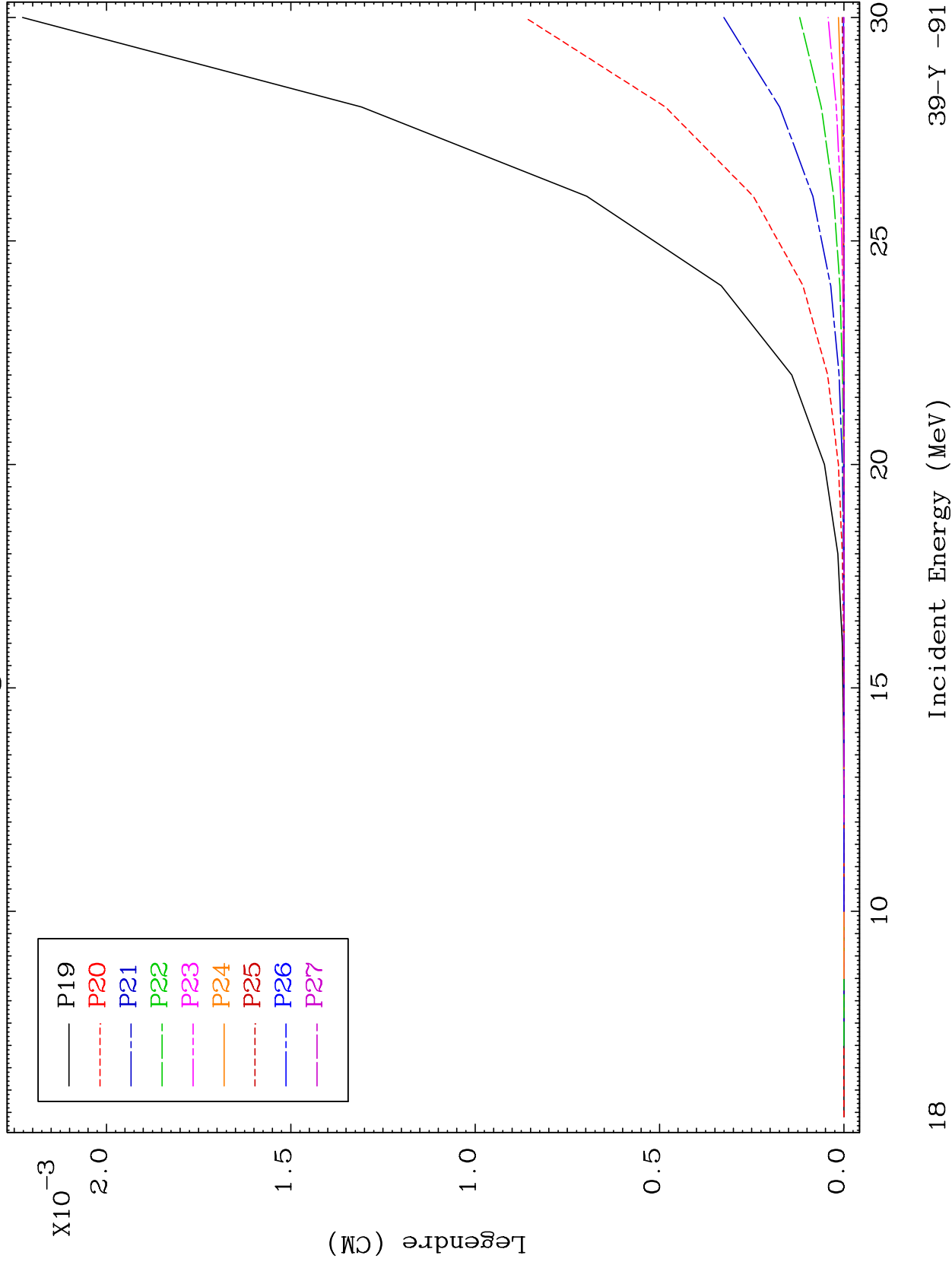
39-Y -91



MAT 3931

Elastic Legendre Coefficients

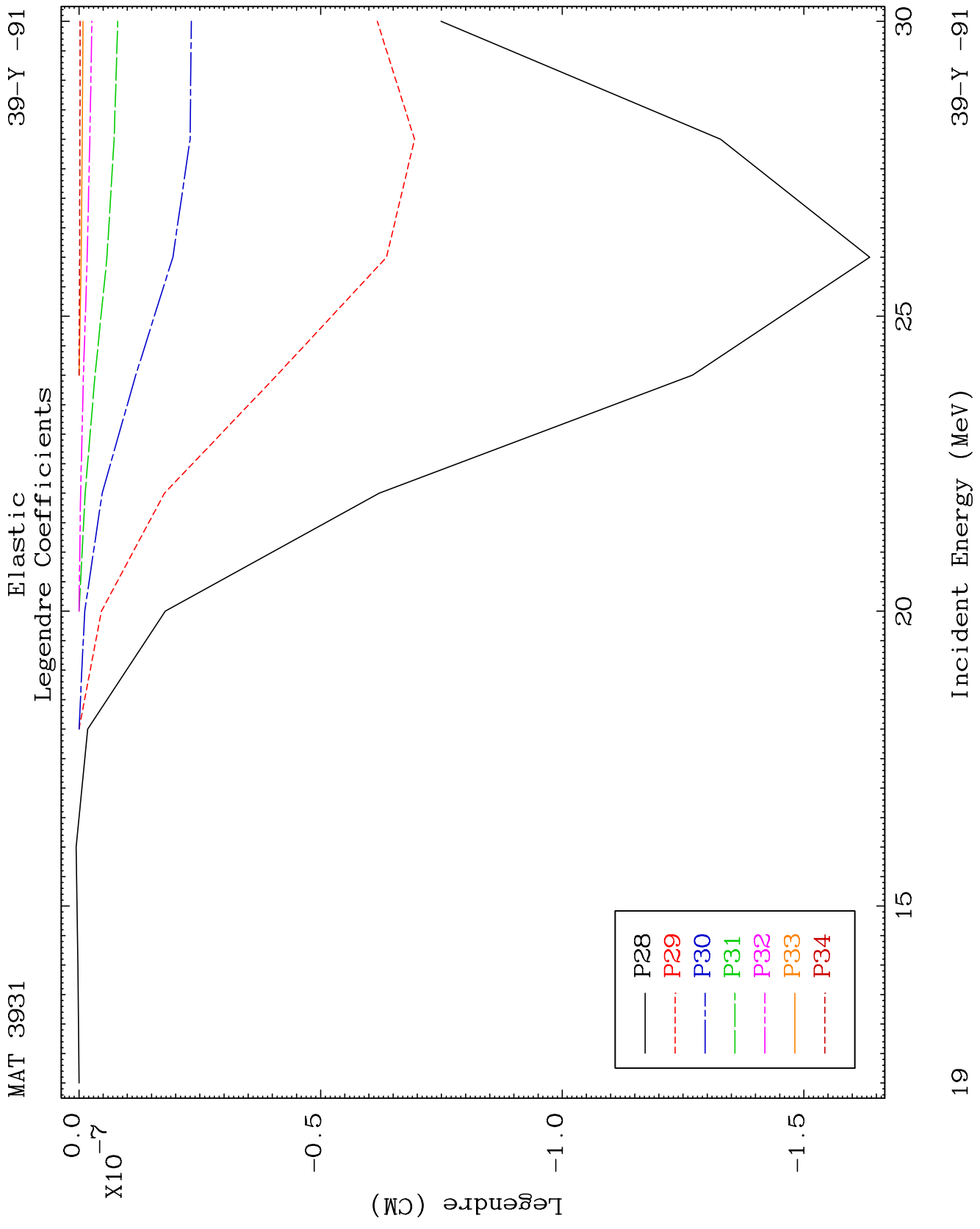
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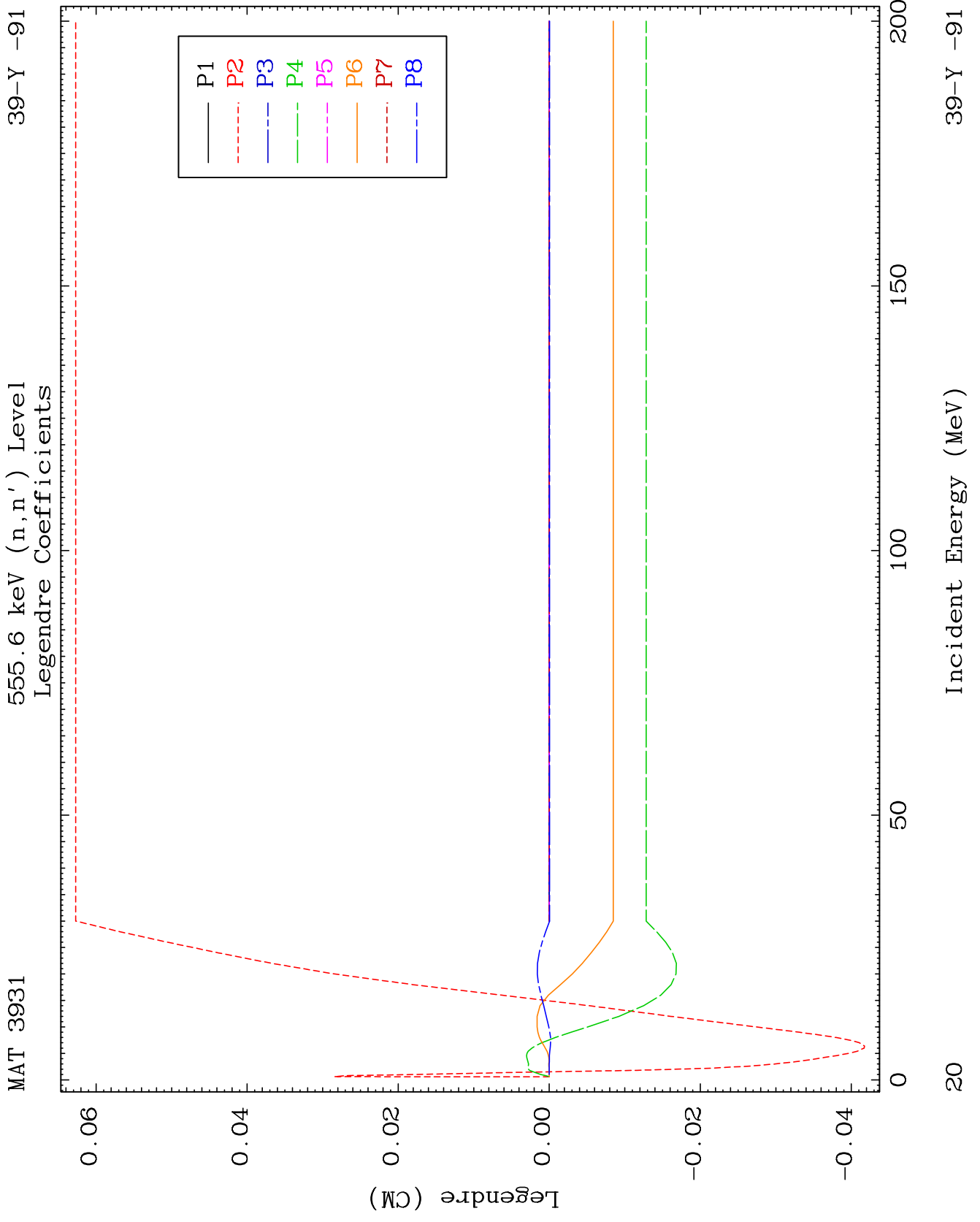


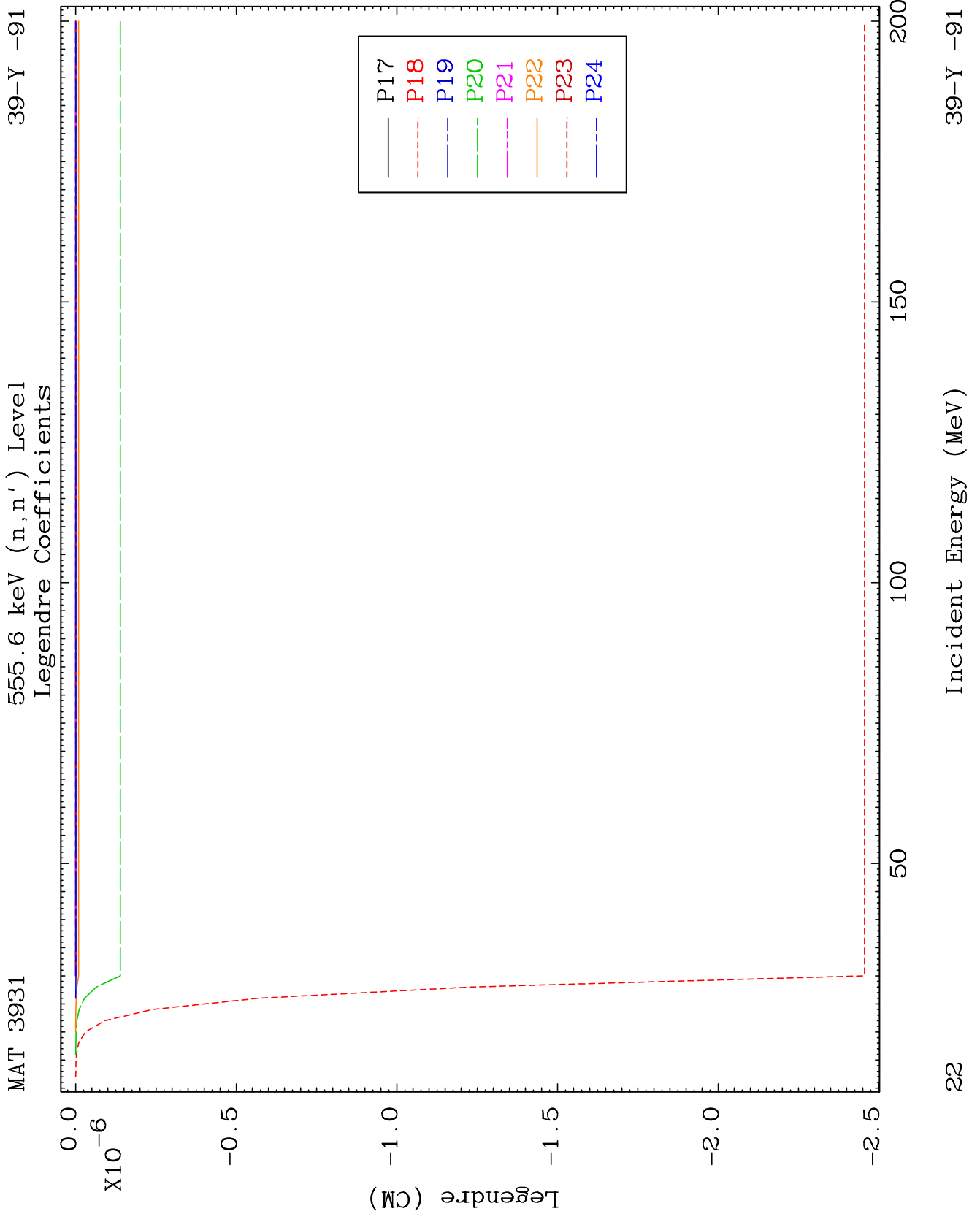
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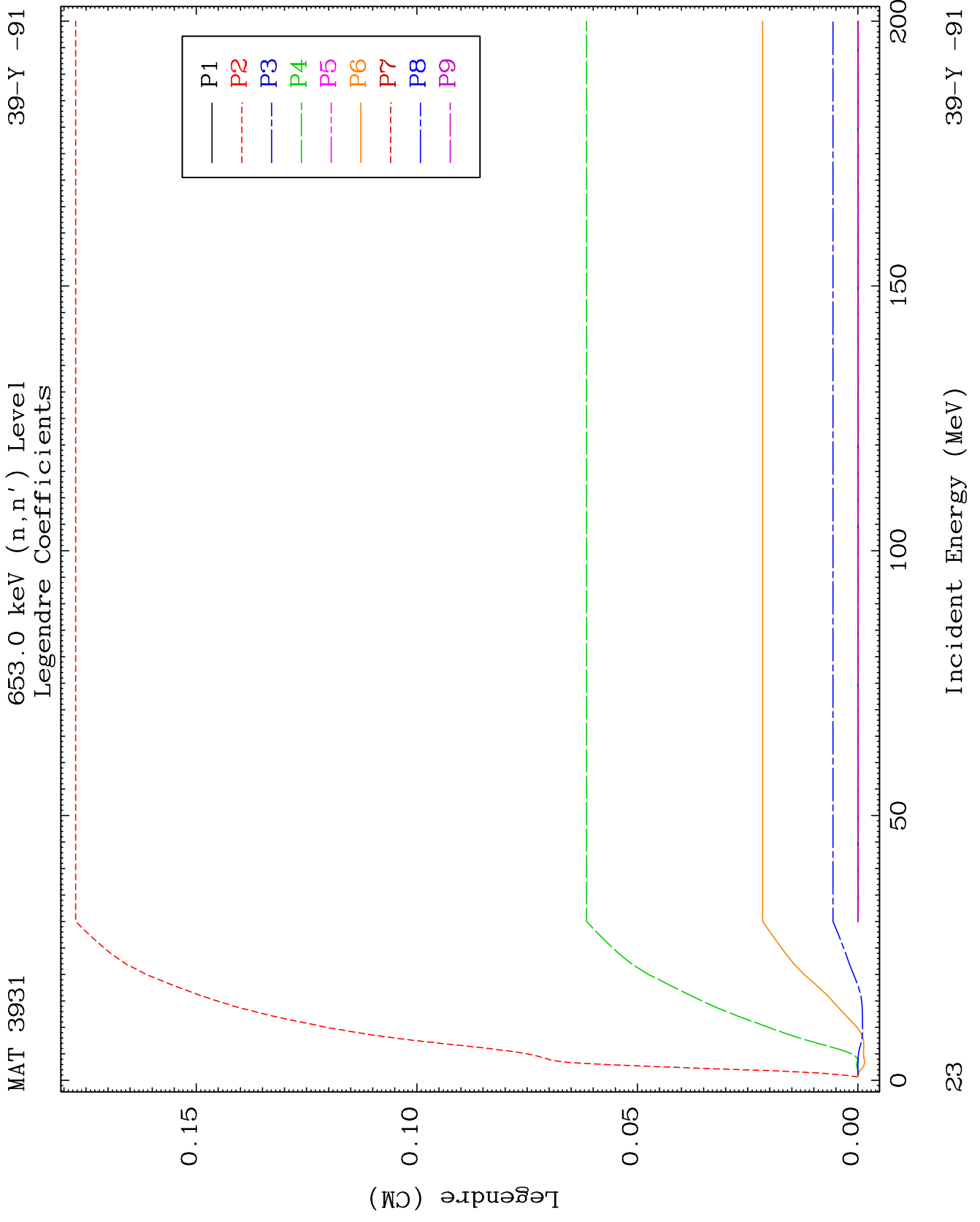
Incident Energy (MeV)

39-Y -91





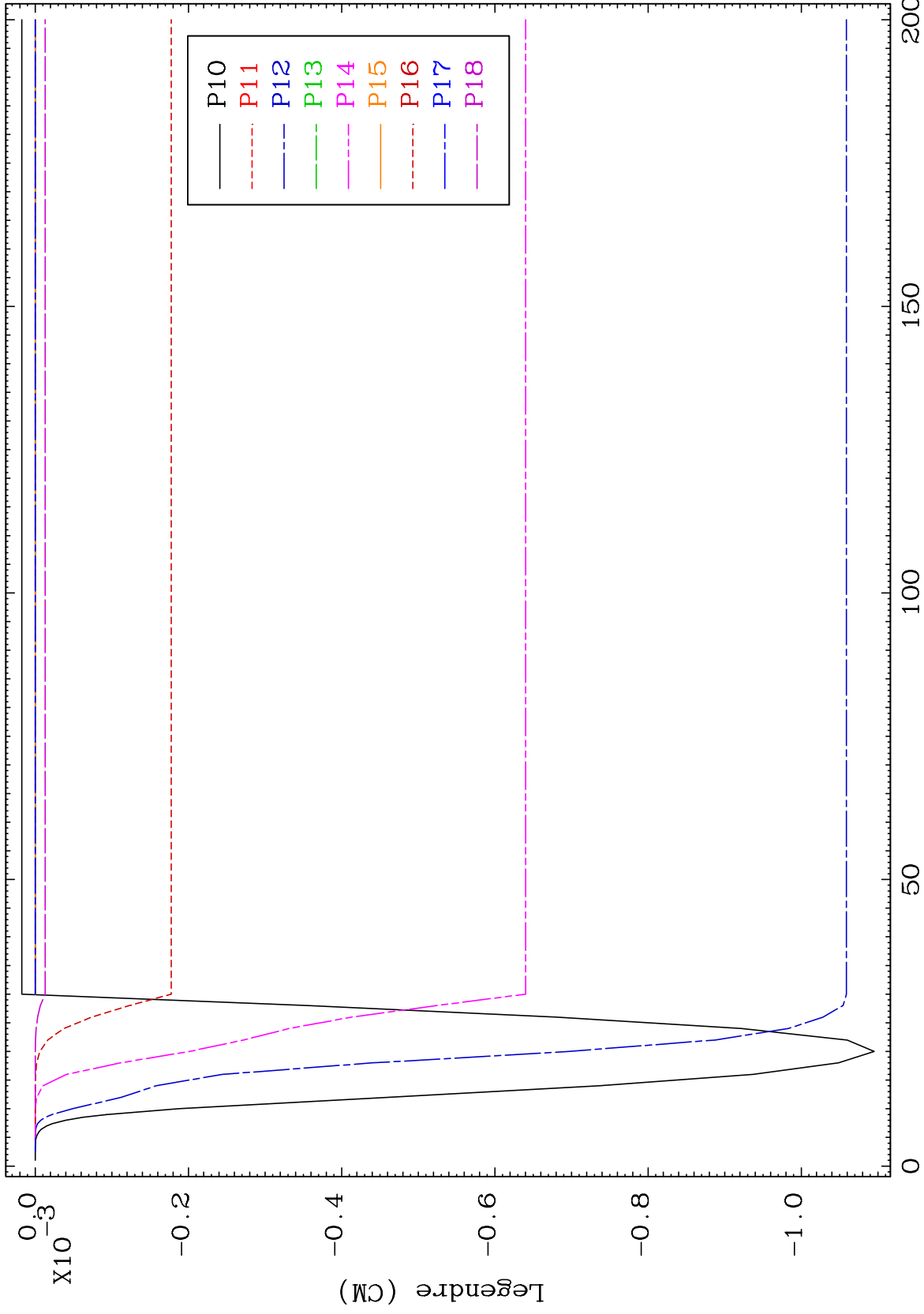




MAT 3931

653.0 keV (n,n') Level
Legendre Coefficients

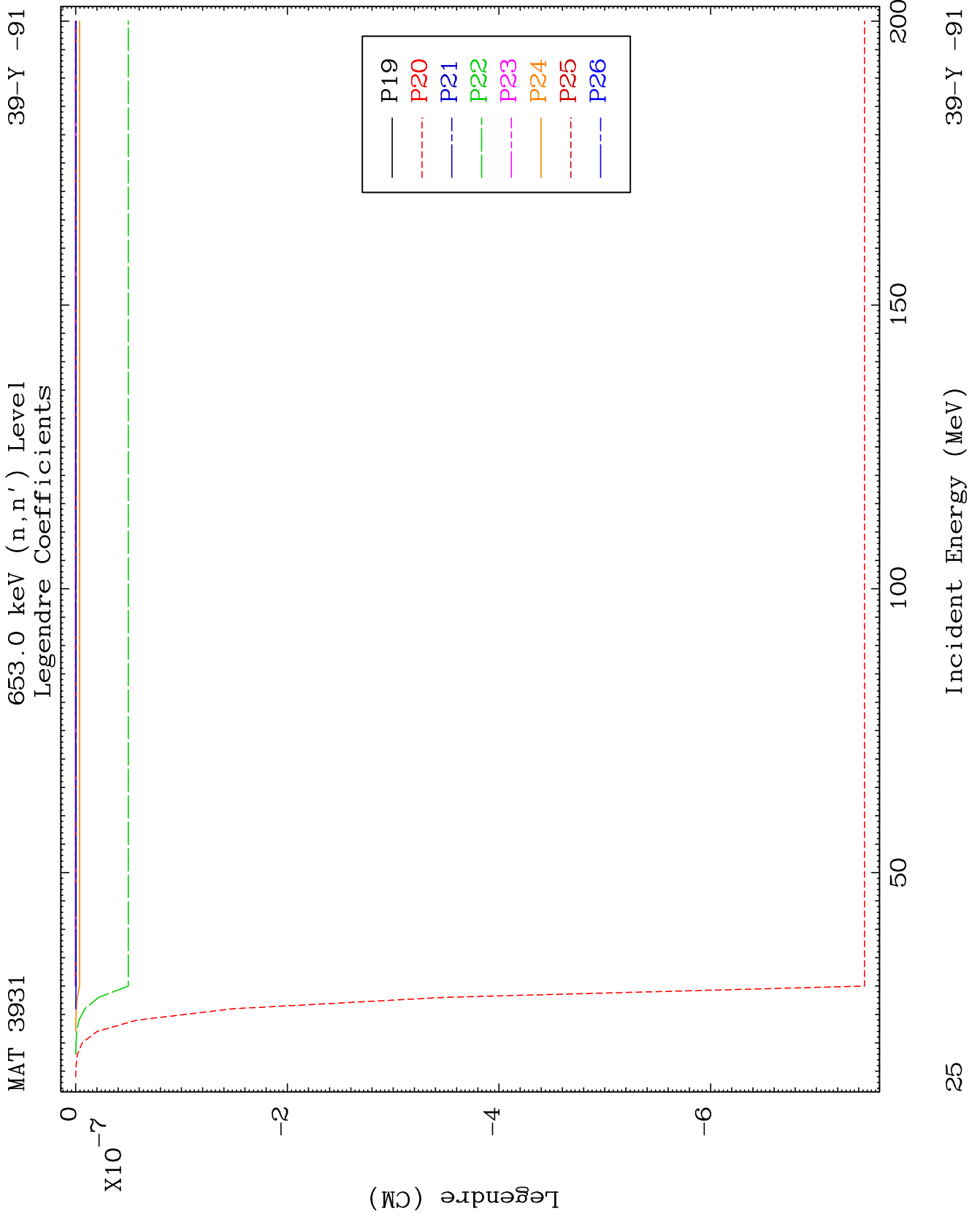
39-Y -91



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Incident Energy (MeV)

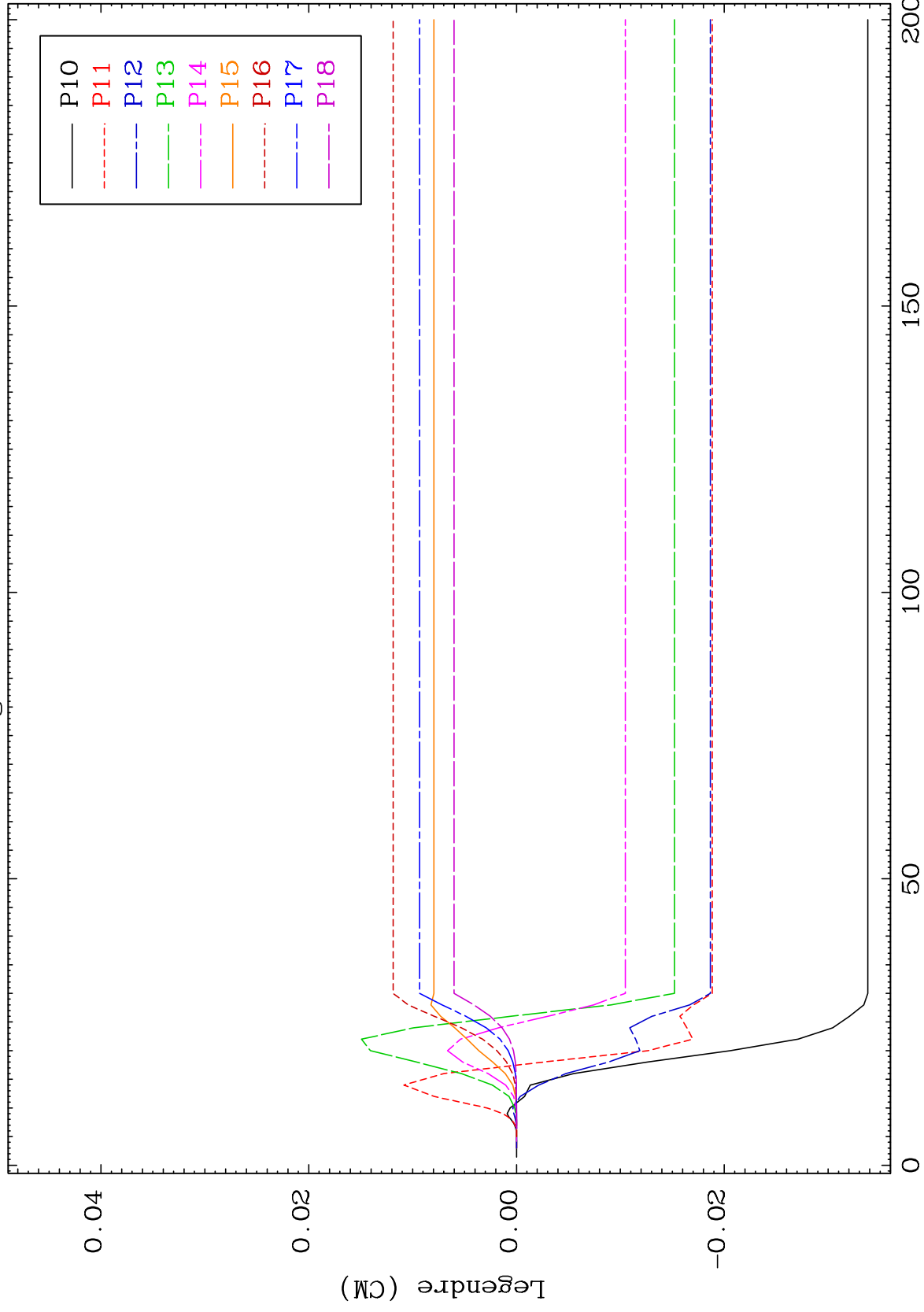
39-Y -91



MAT 3931

925.7 keV (n,n') Level
Legendre Coefficients

39-Y -91



27

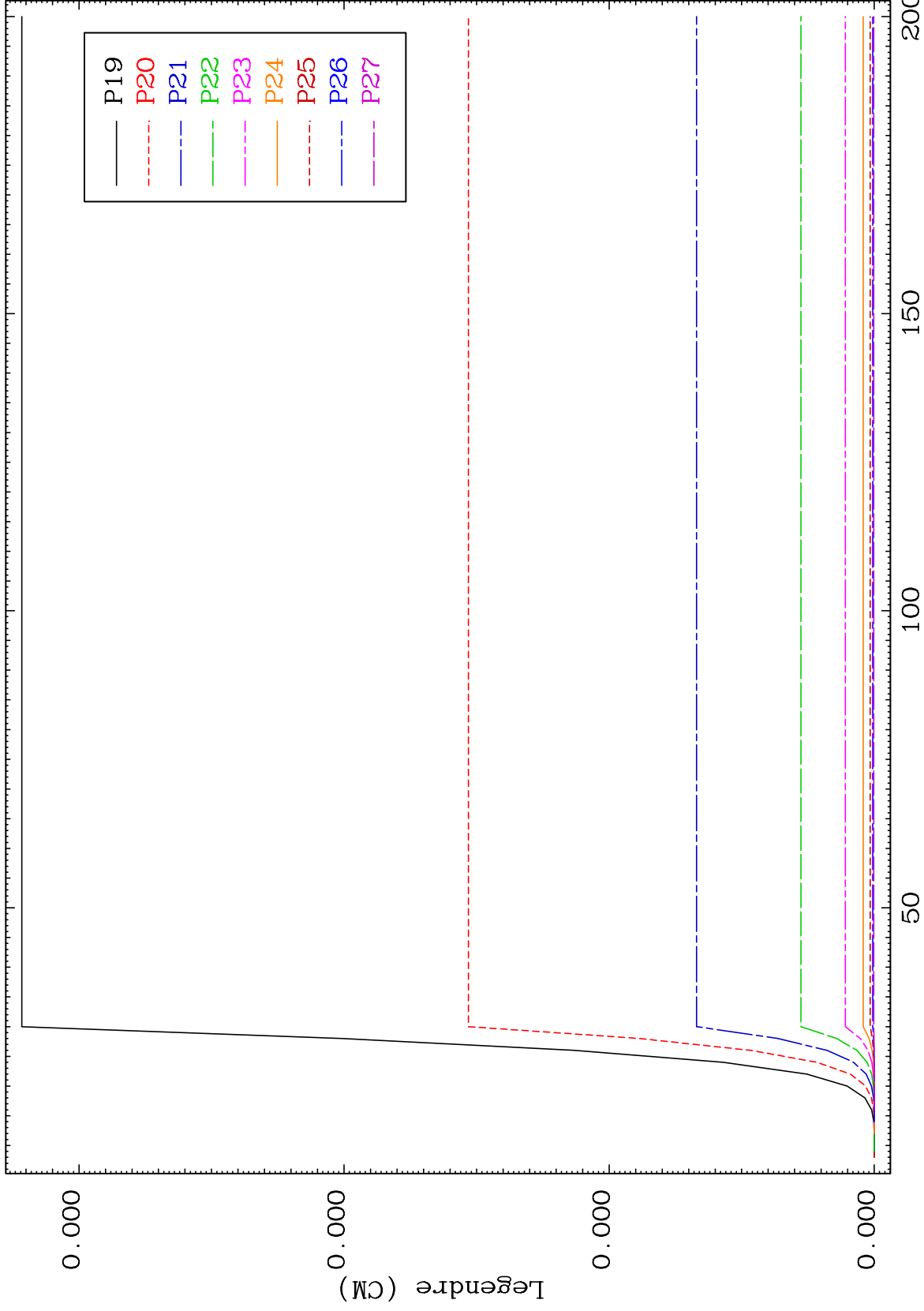
Incident Energy (MeV)

39-Y -91

MAT 3931

925.7 keV (n,n') Level
Legendre Coefficients

39-Y -91



28

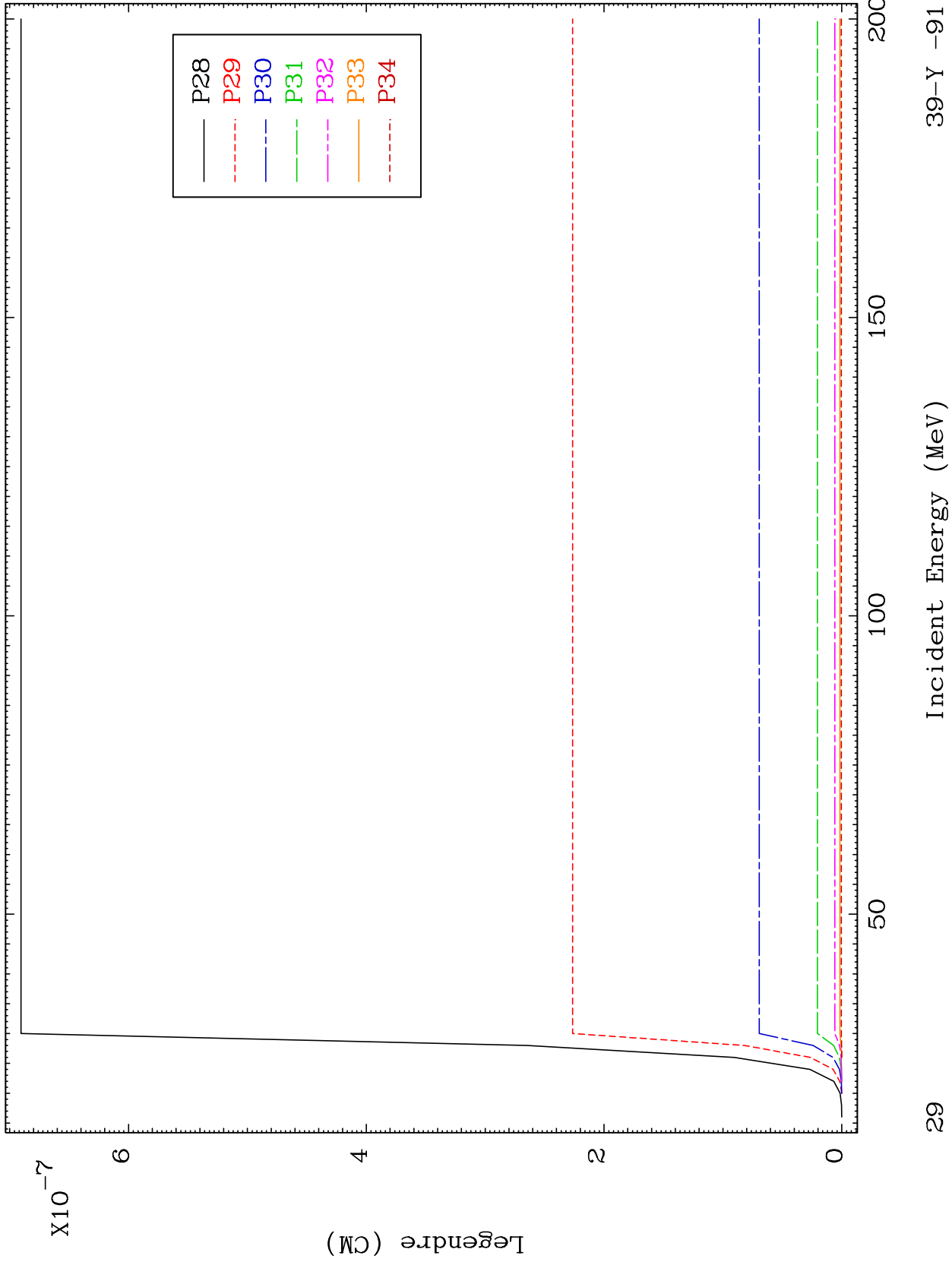
Incident Energy (MeV)

39-Y -91

MAT 3931

925.7 keV (n,n') Level
Legendre Coefficients

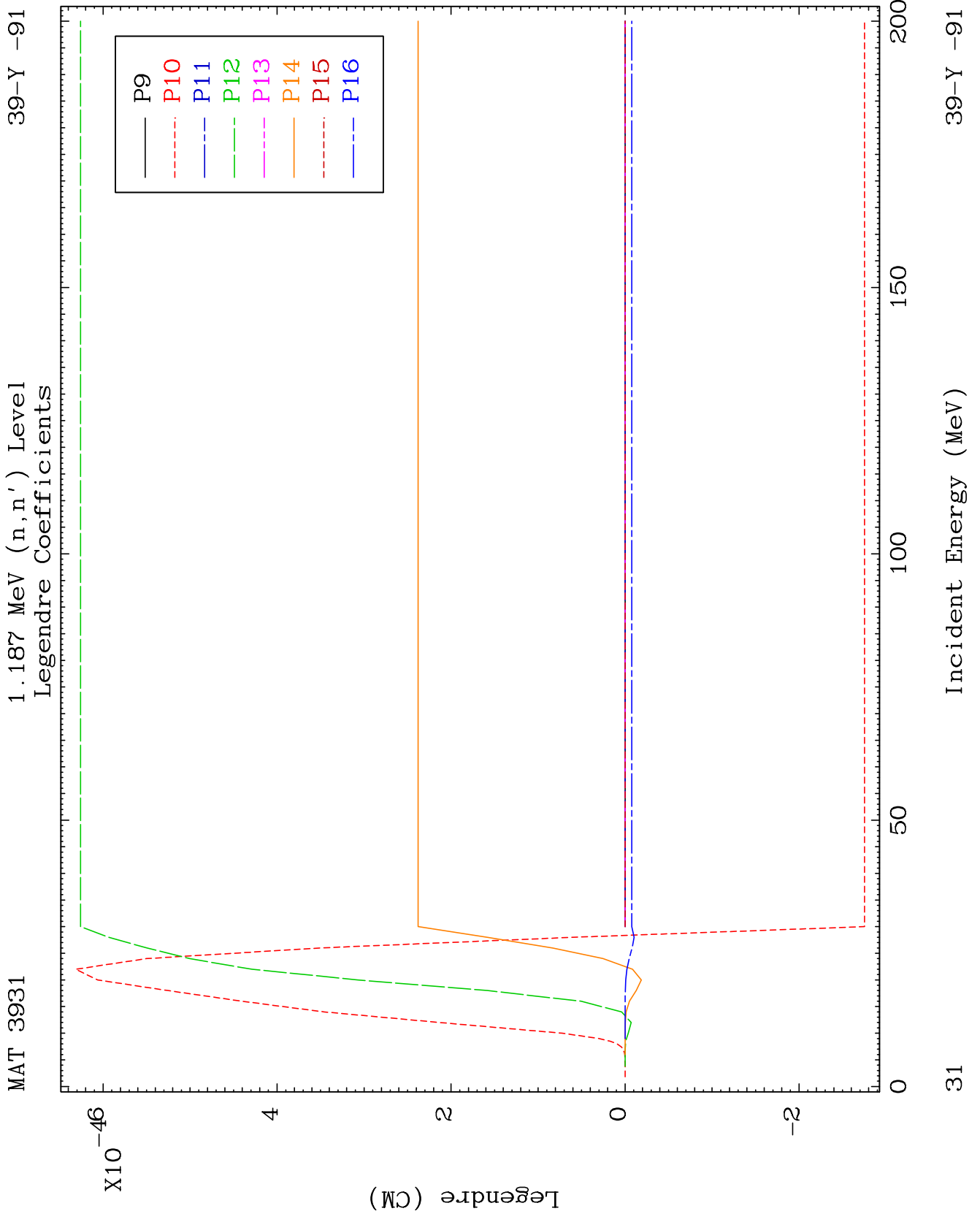
39-Y -91

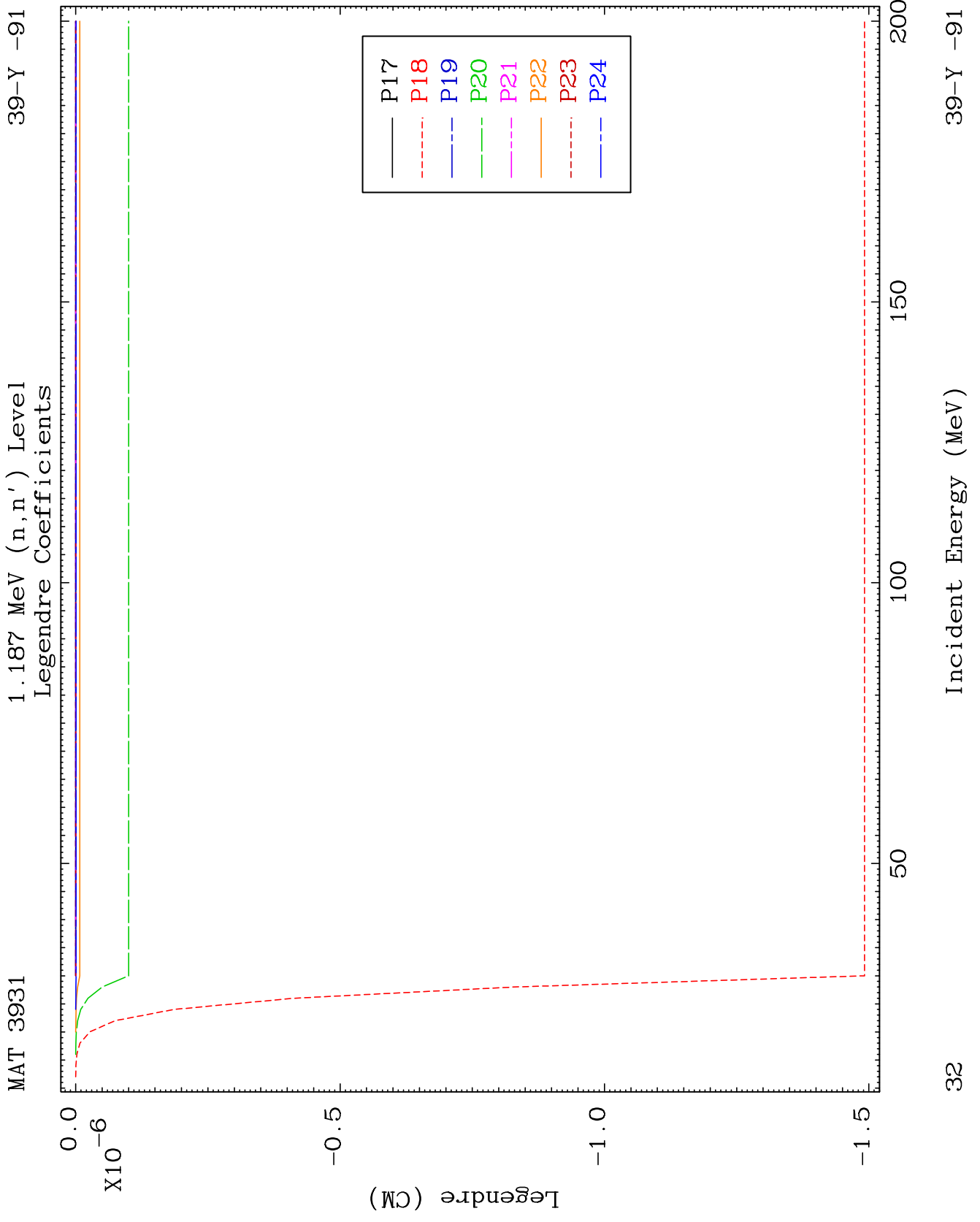


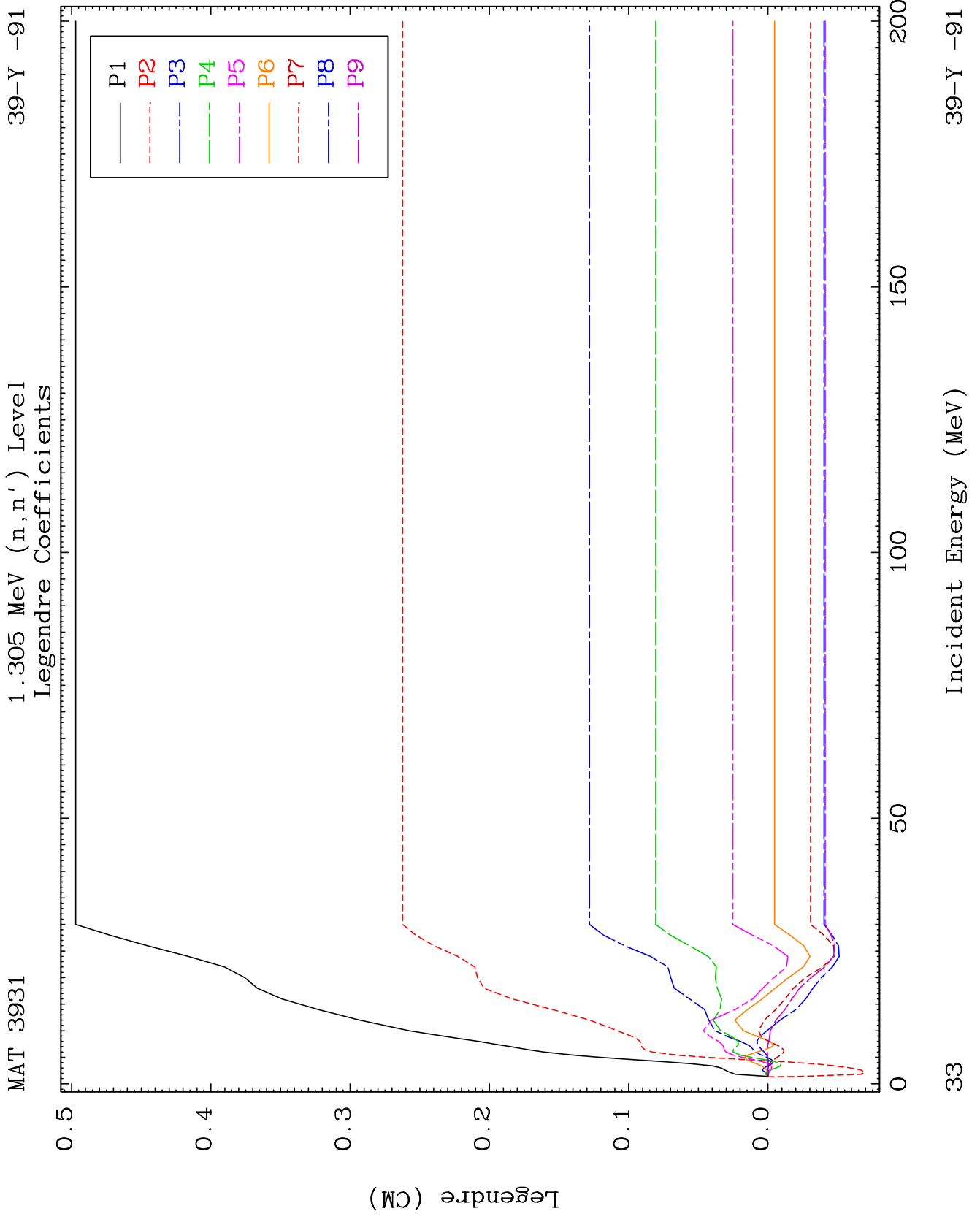
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Incident Energy (MeV)

39-Y -91



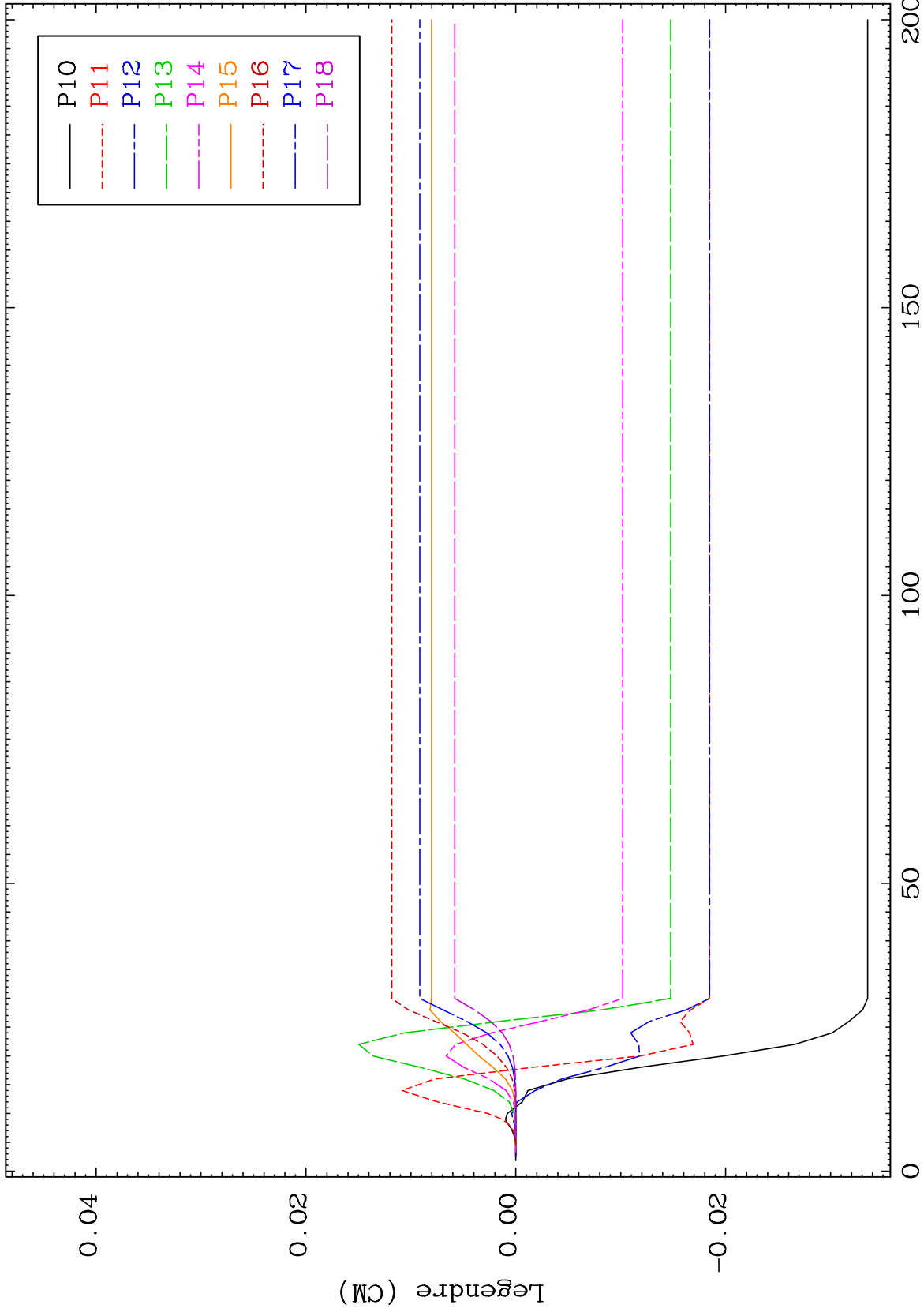




MAT 3931

1.305 MeV (n,n') Level
Legendre Coefficients

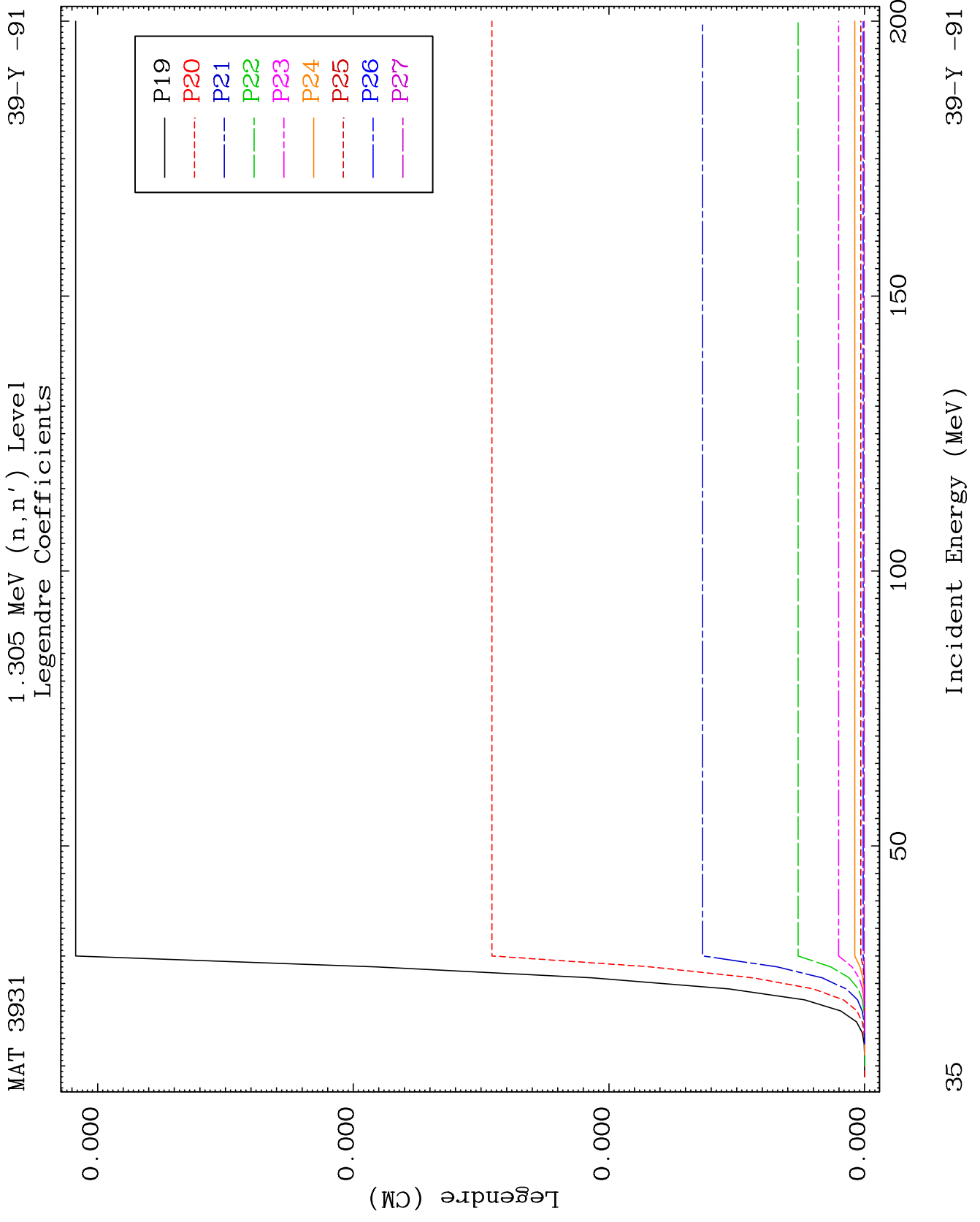
39-Y -91



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Incident Energy (MeV)

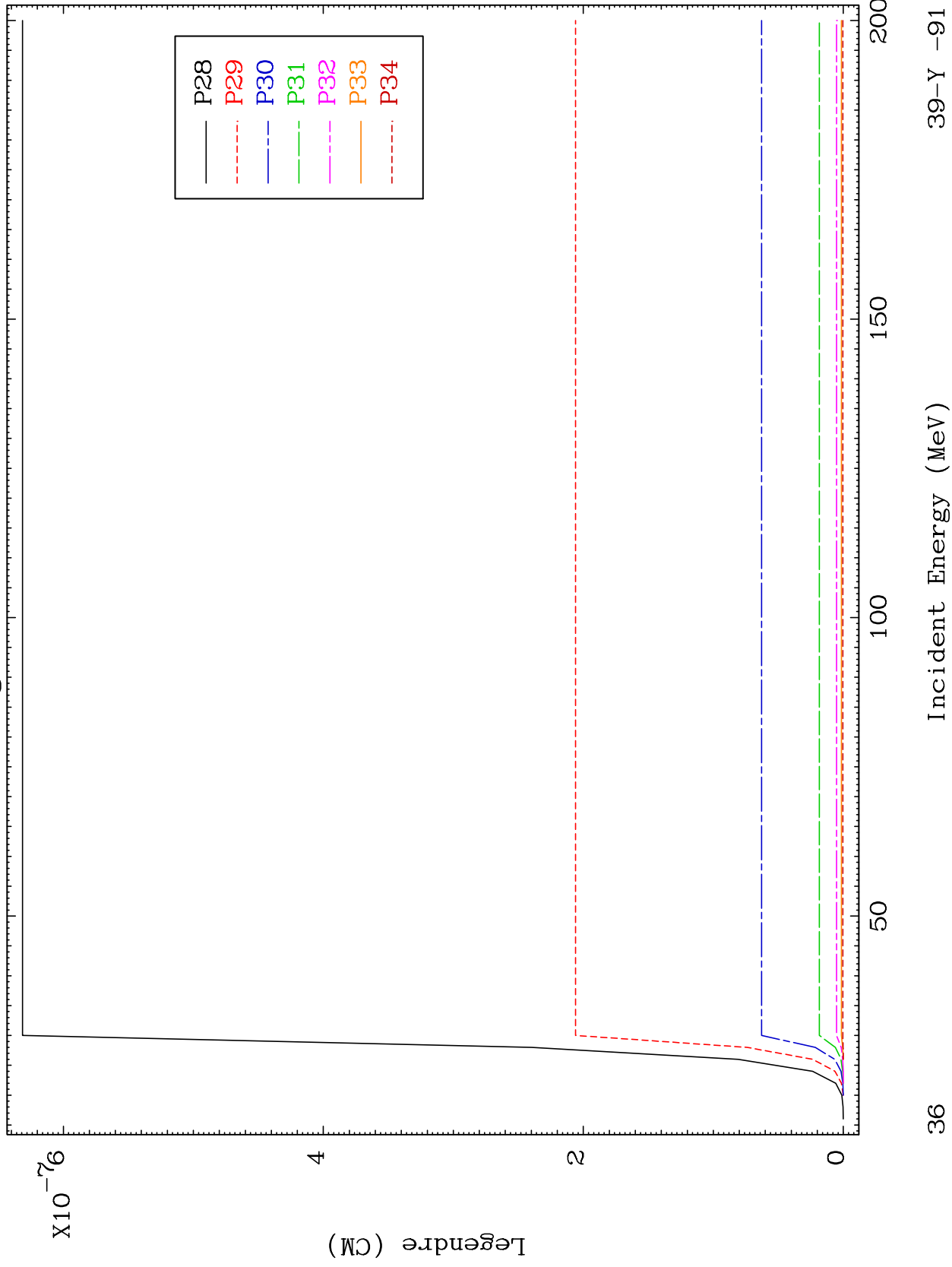
39-Y -91



MAT 3931

1.305 MeV (n,n') Level
Legendre Coefficients

39-Y -91



36

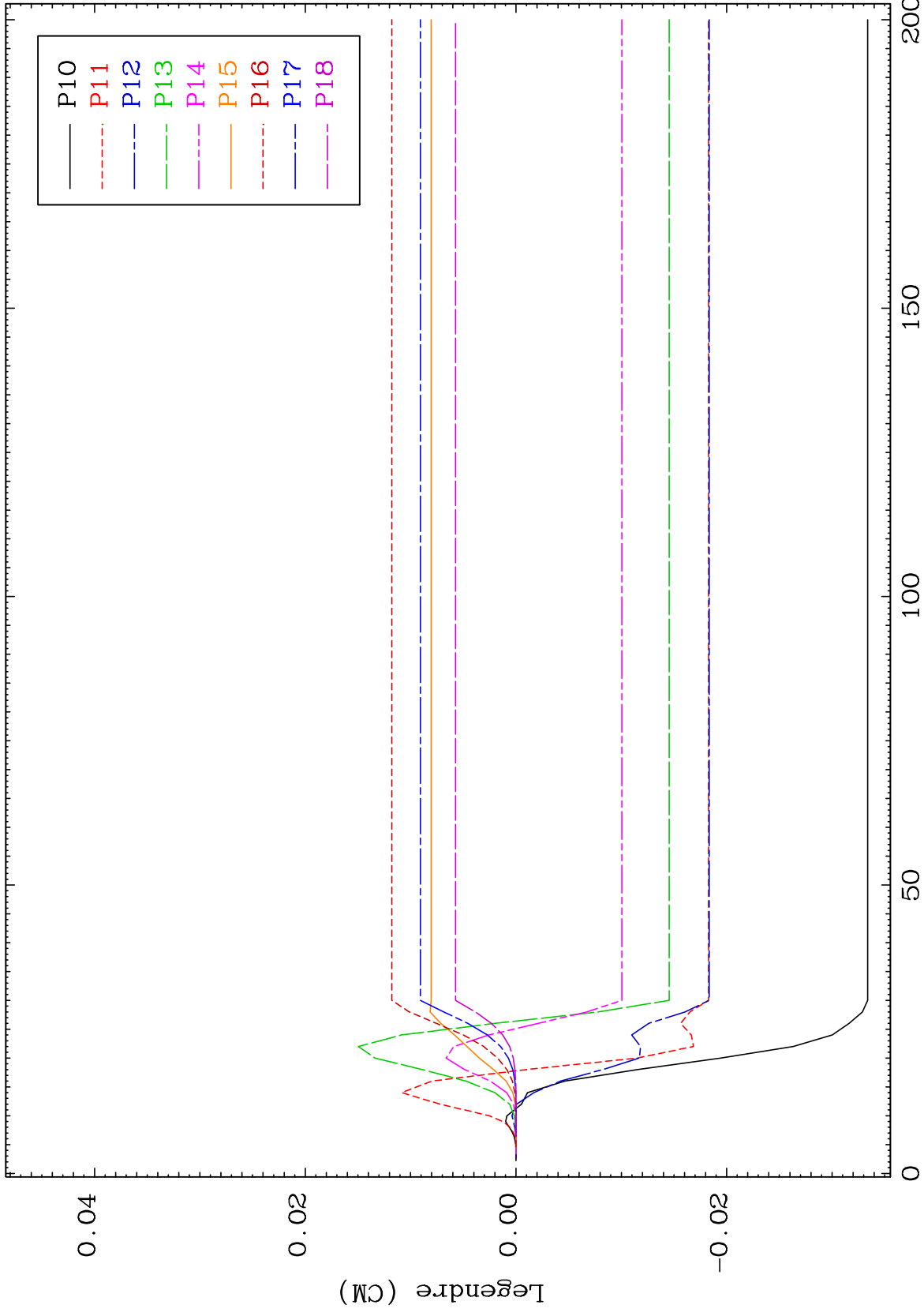
Incident Energy (MeV)

39-Y -91

MAT 3931

1.474 MeV (n,n') Level
Legendre Coefficients

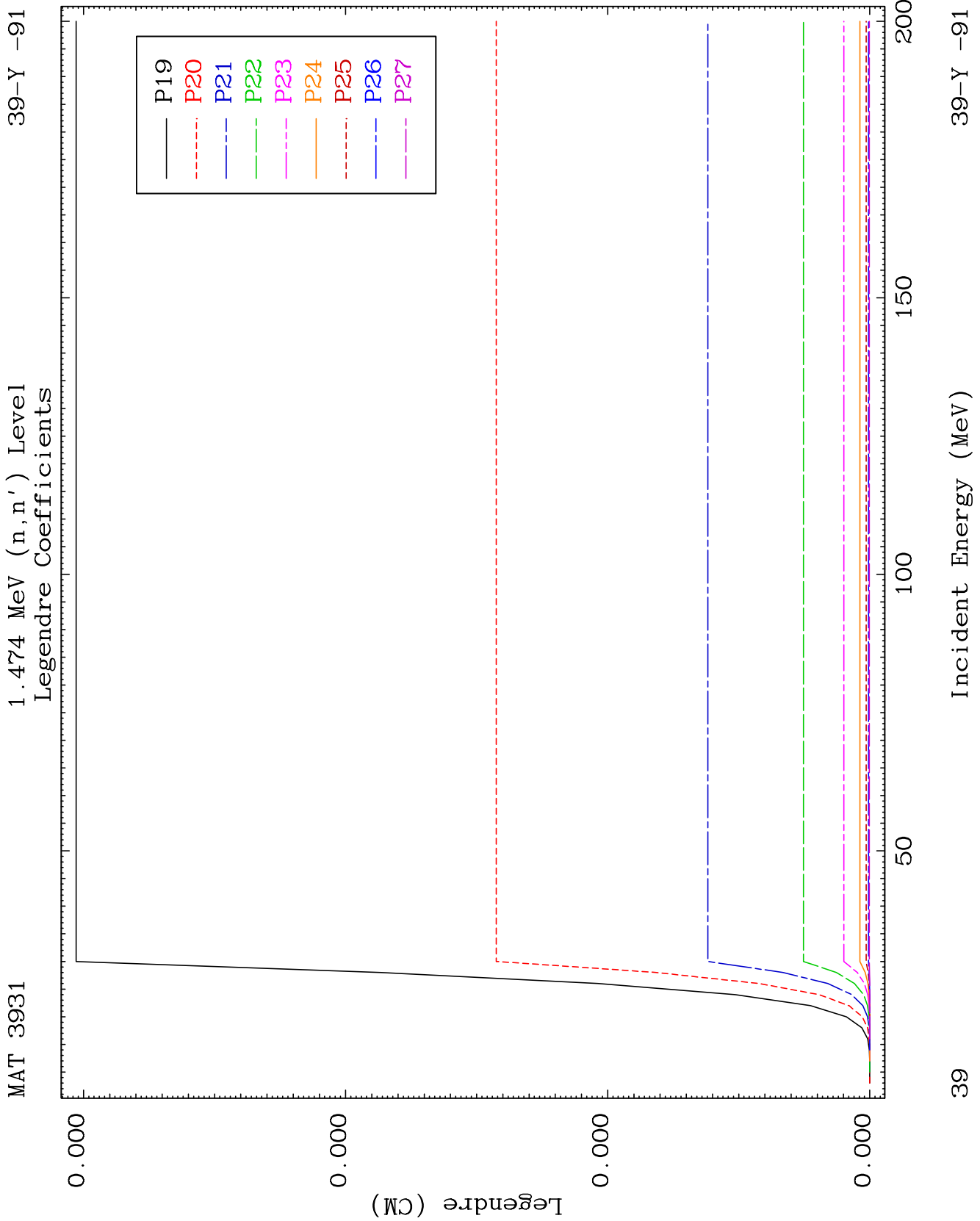
39-Y -91



38

Incident Energy (MeV)

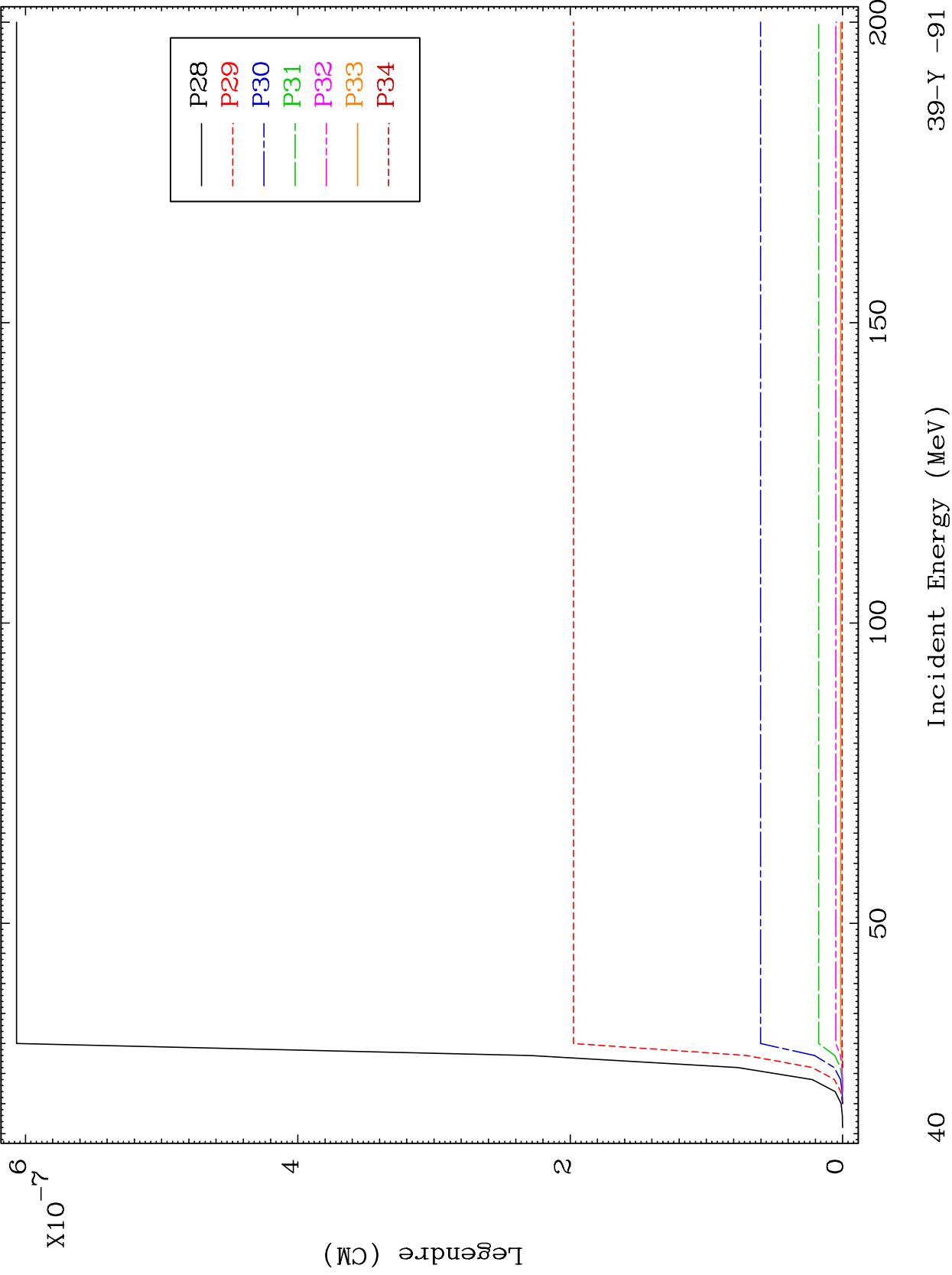
39-Y -91



MAT 3931

1.474 MeV (n,n') Level
Legendre Coefficients

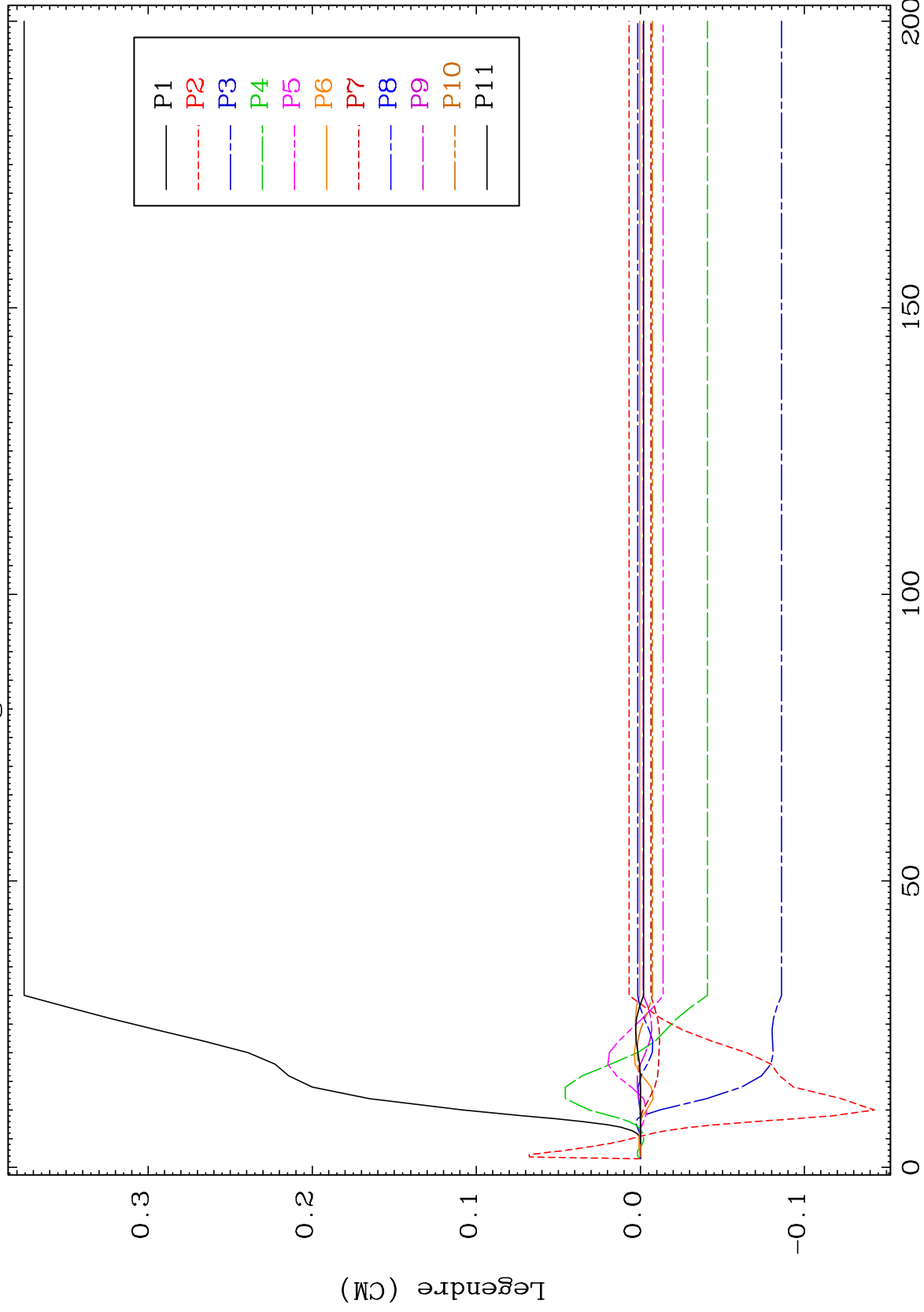
39-Y -91



MAT 3931

1.485 MeV (n,n') Level
Legendre Coefficients

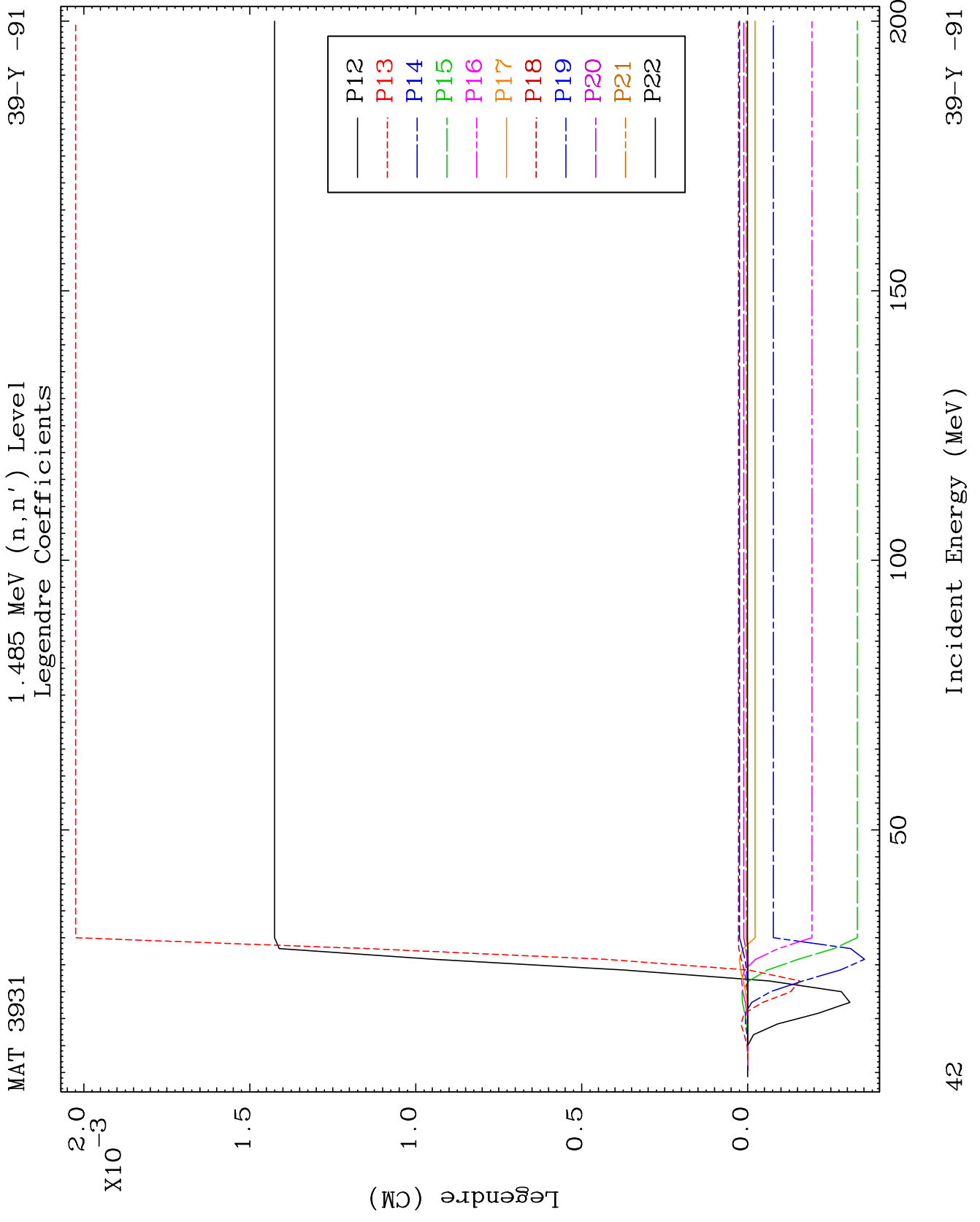
39-Y -91



41

Incident Energy (MeV)

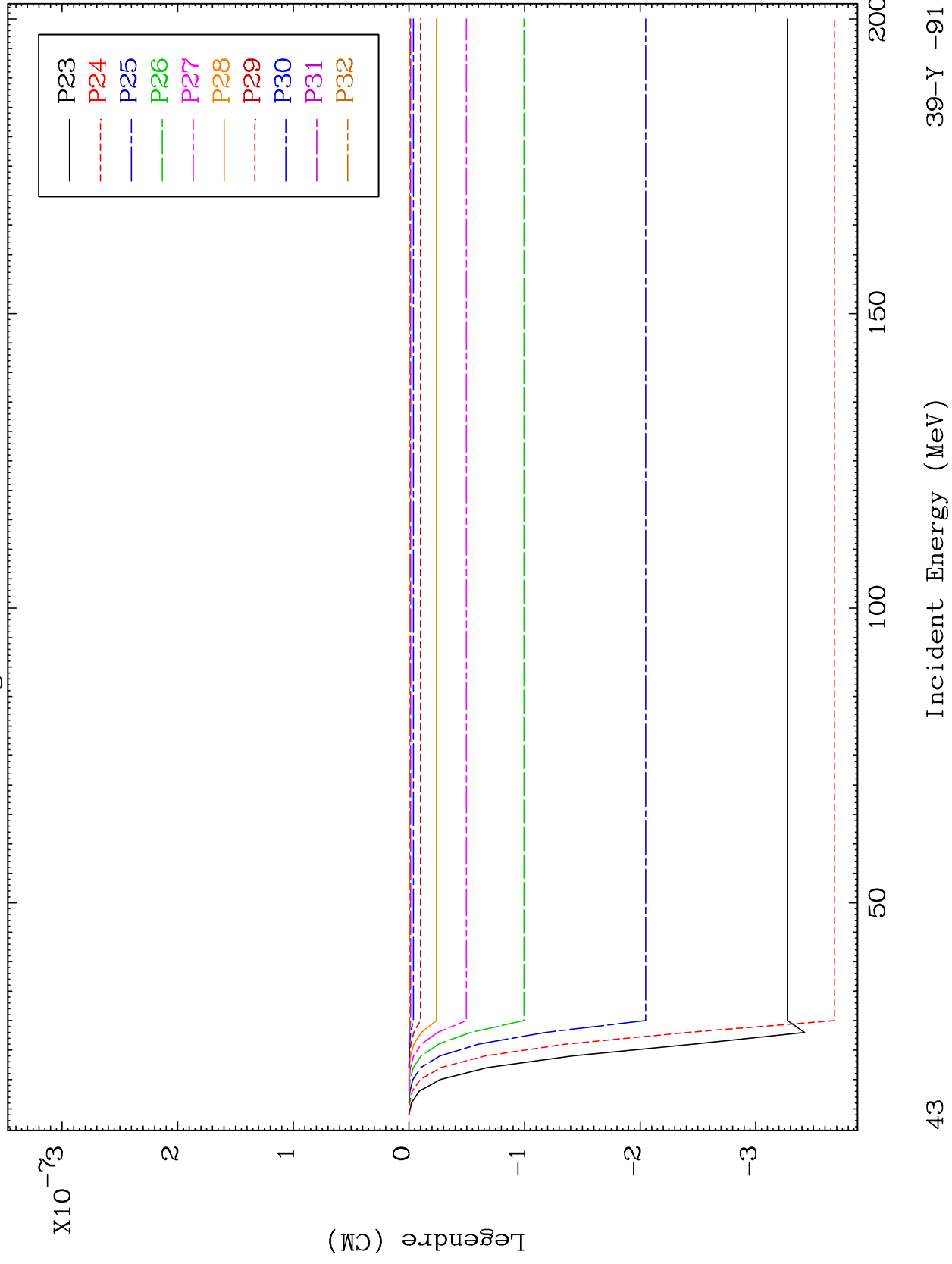
39-Y -91



MAT 3931

1.485 MeV (n,n') Level
Legendre Coefficients

39-Y -91



43

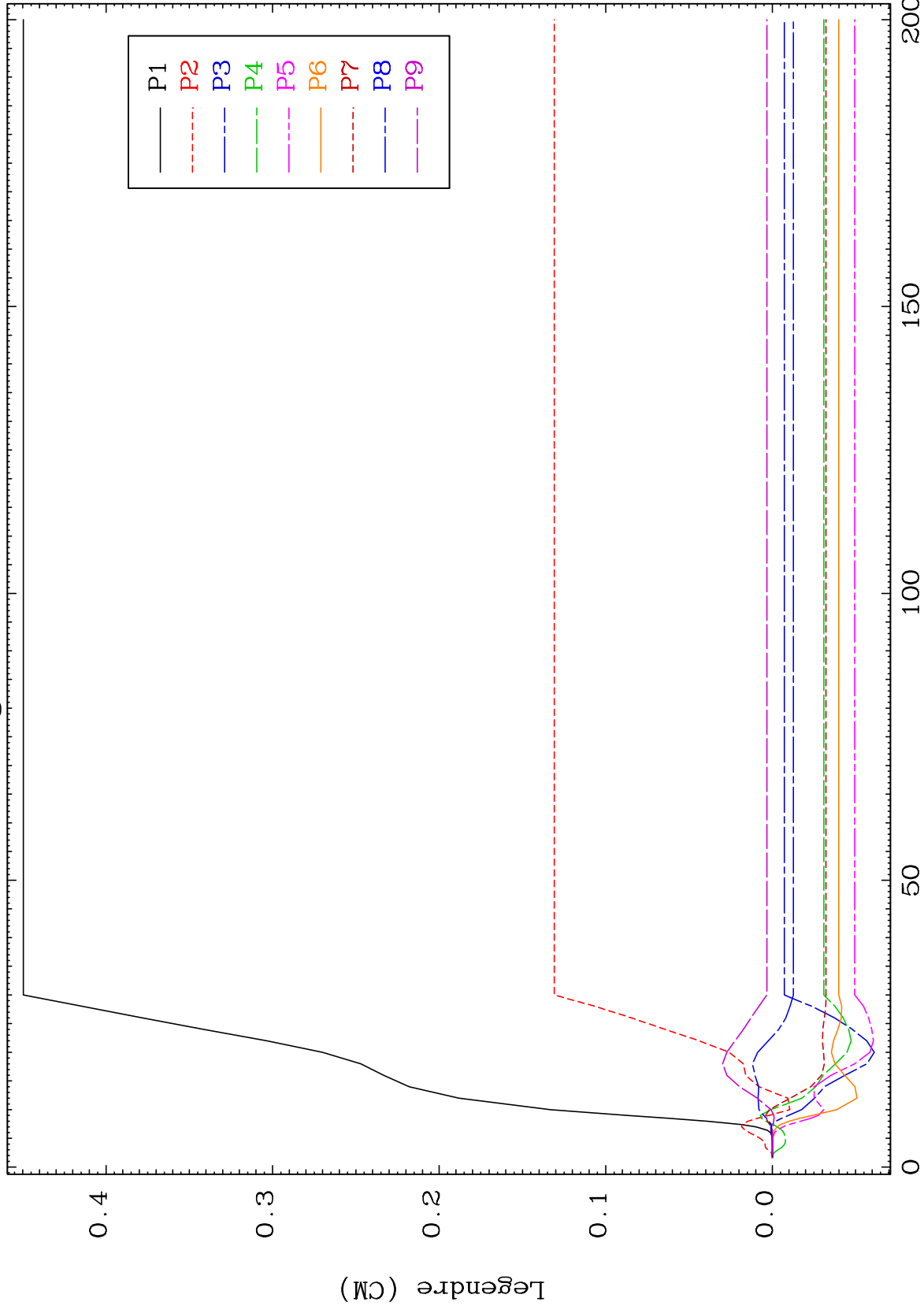
Incident Energy (MeV)

39-Y -91

MAT 3931

1.546 MeV (n,n') Level
Legendre Coefficients

39-Y -91



44

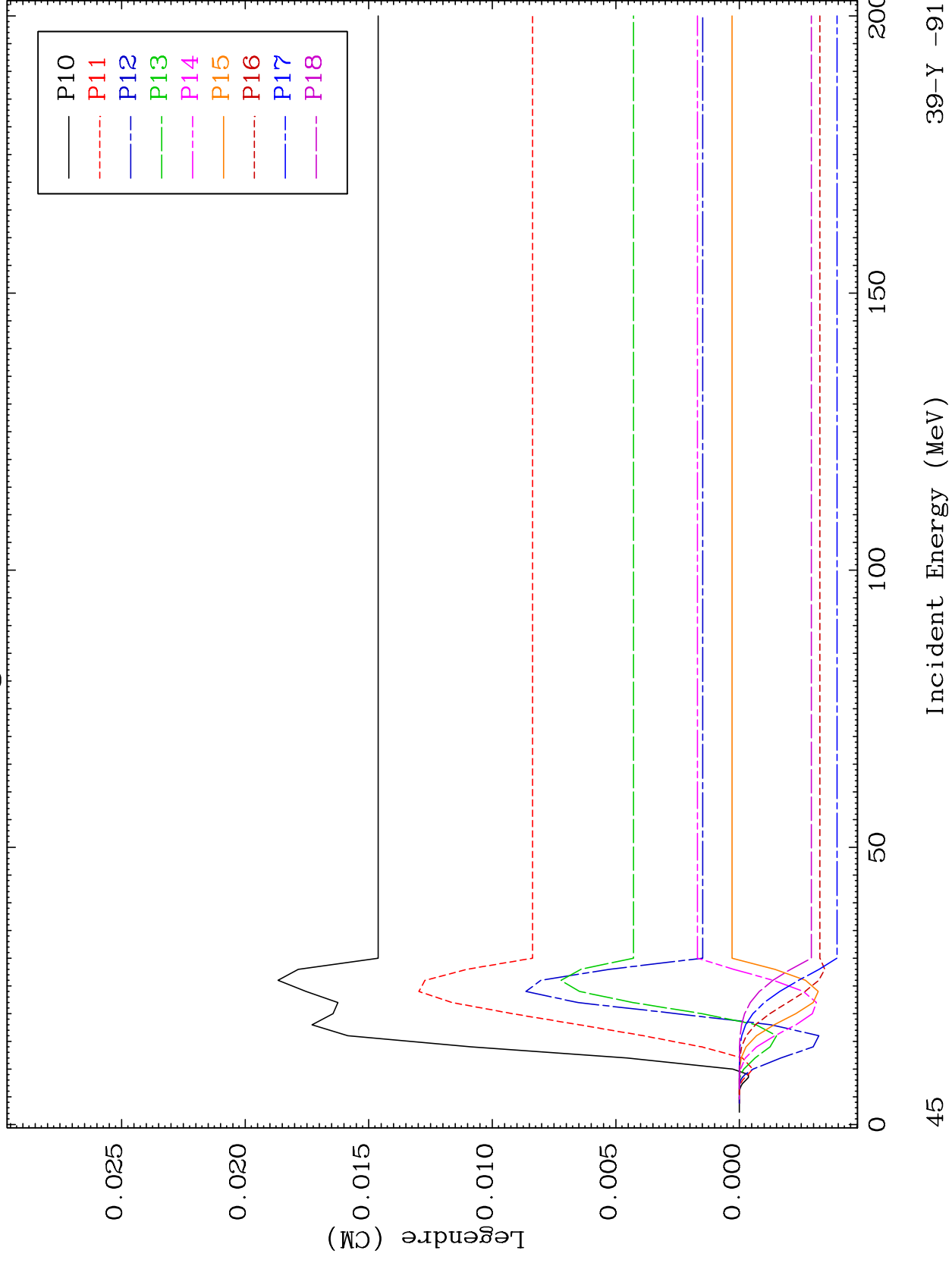
Incident Energy (MeV)

39-Y -91

MAT 3931

1.546 MeV (n,n') Level
Legendre Coefficients

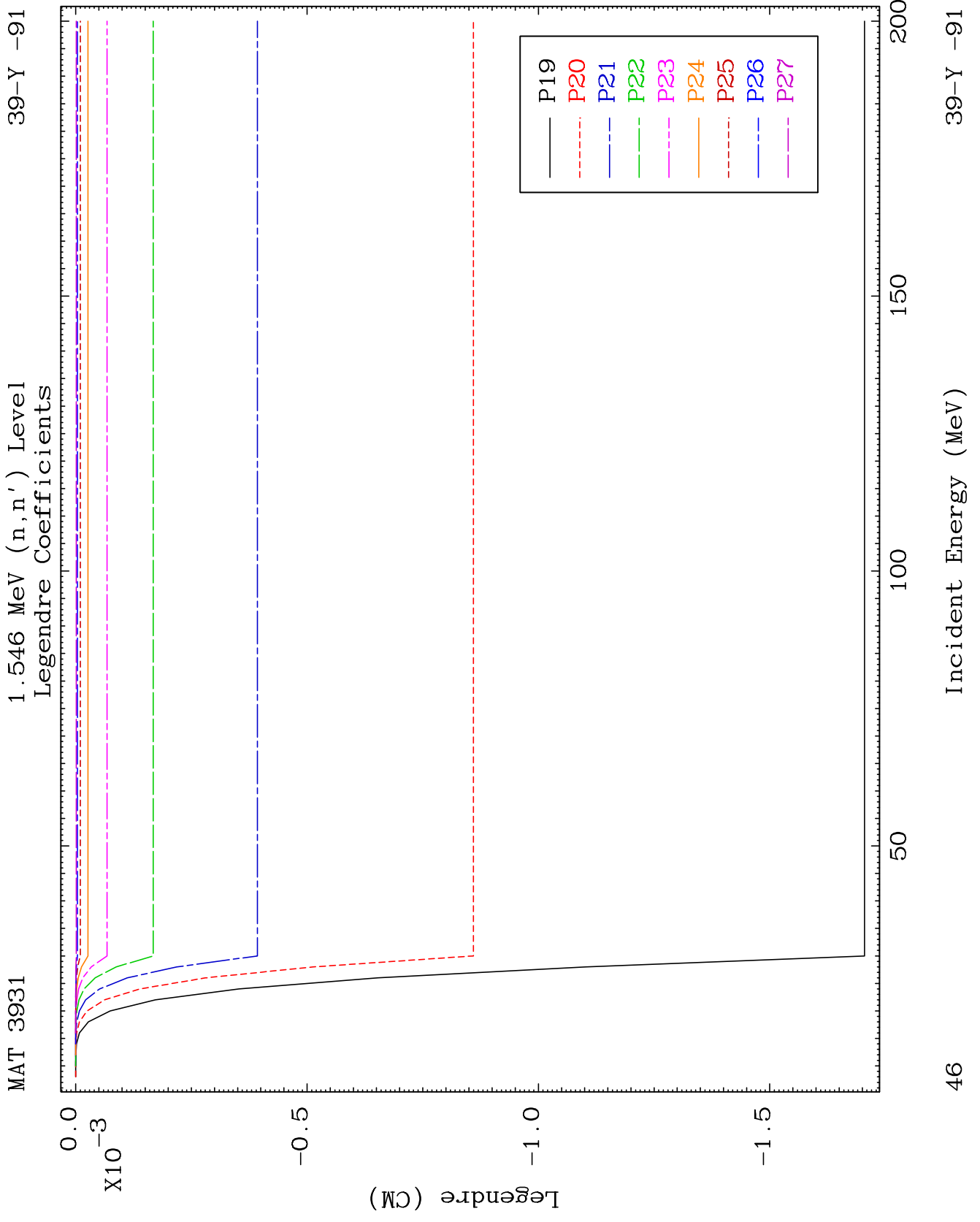
39-Y -91



39-Y -91

Incident Energy (MeV)

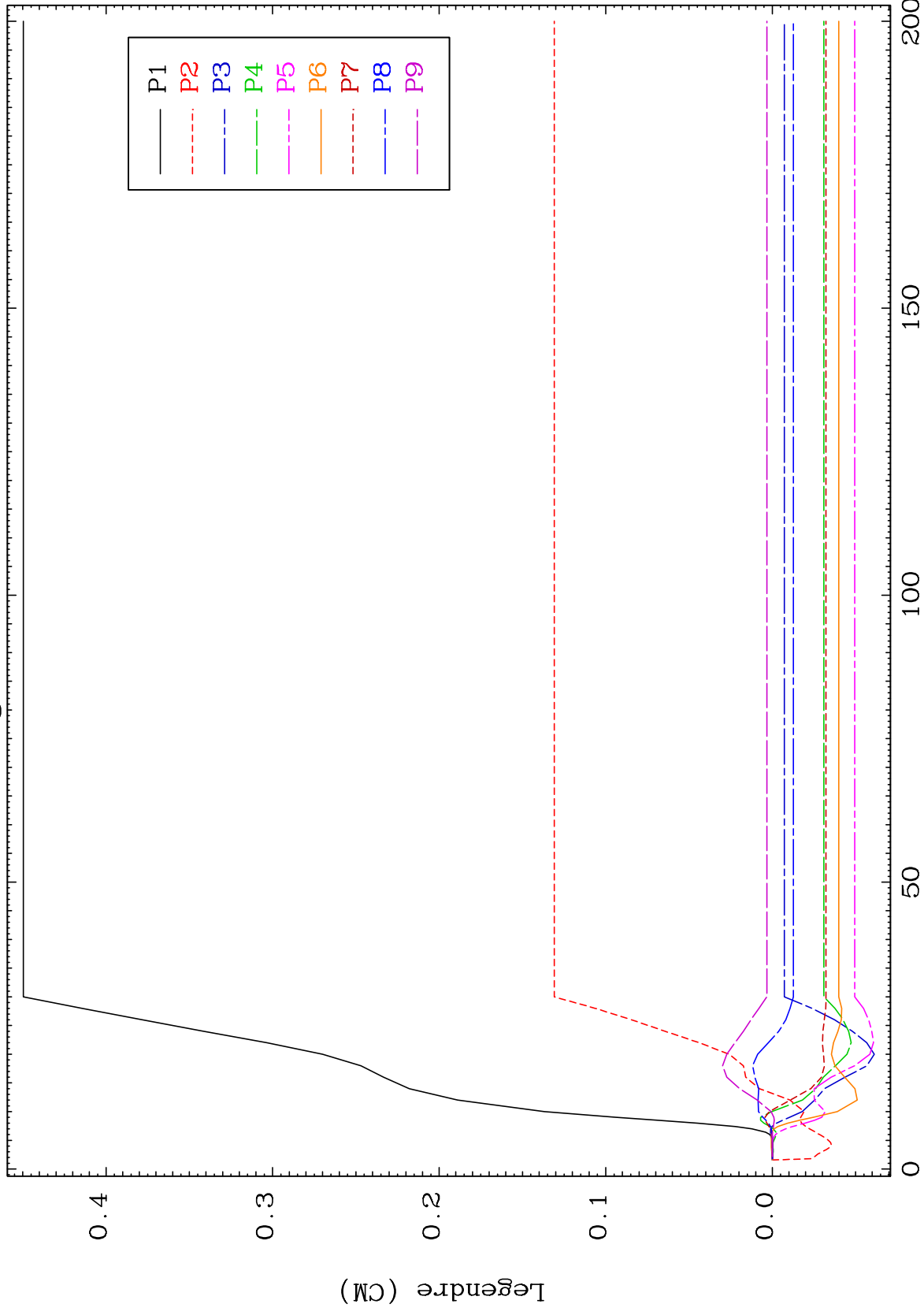
45



MAT 3931

1.547 MeV (n,n') Level
Legendre Coefficients

39-Y -91



48

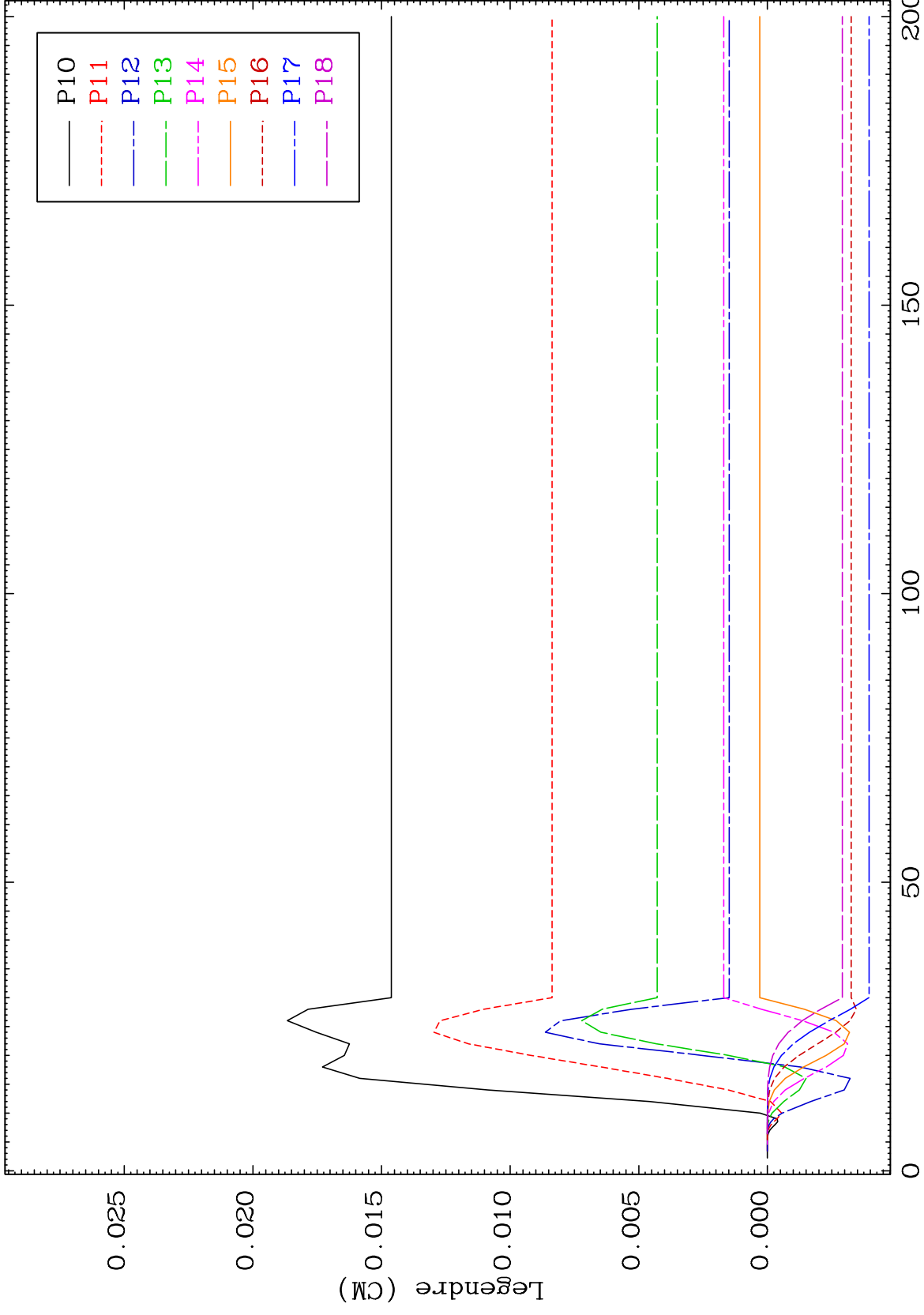
Incident Energy (MeV)

39-Y -91

MAT 3931

1.547 MeV (n,n') Level
Legendre Coefficients

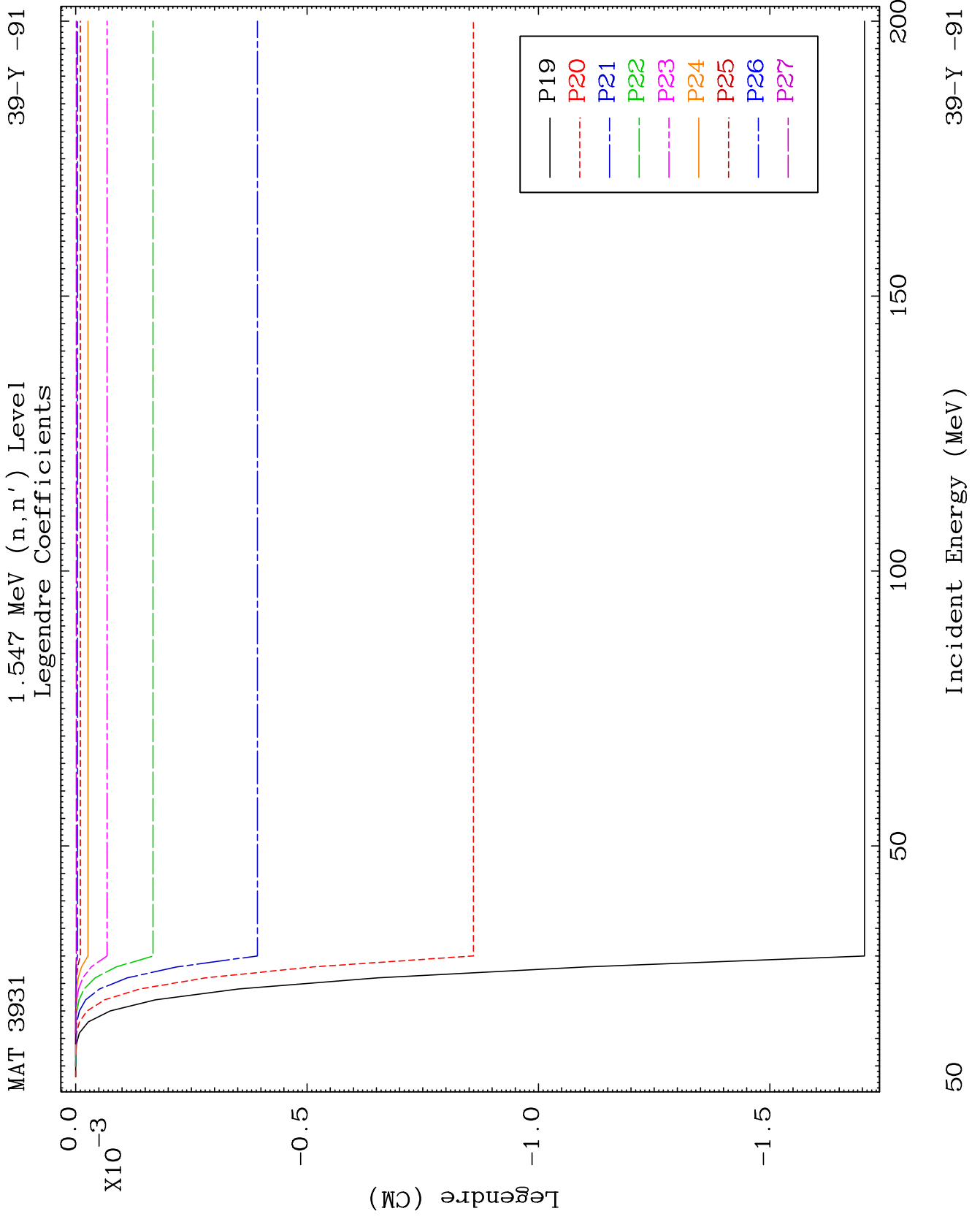
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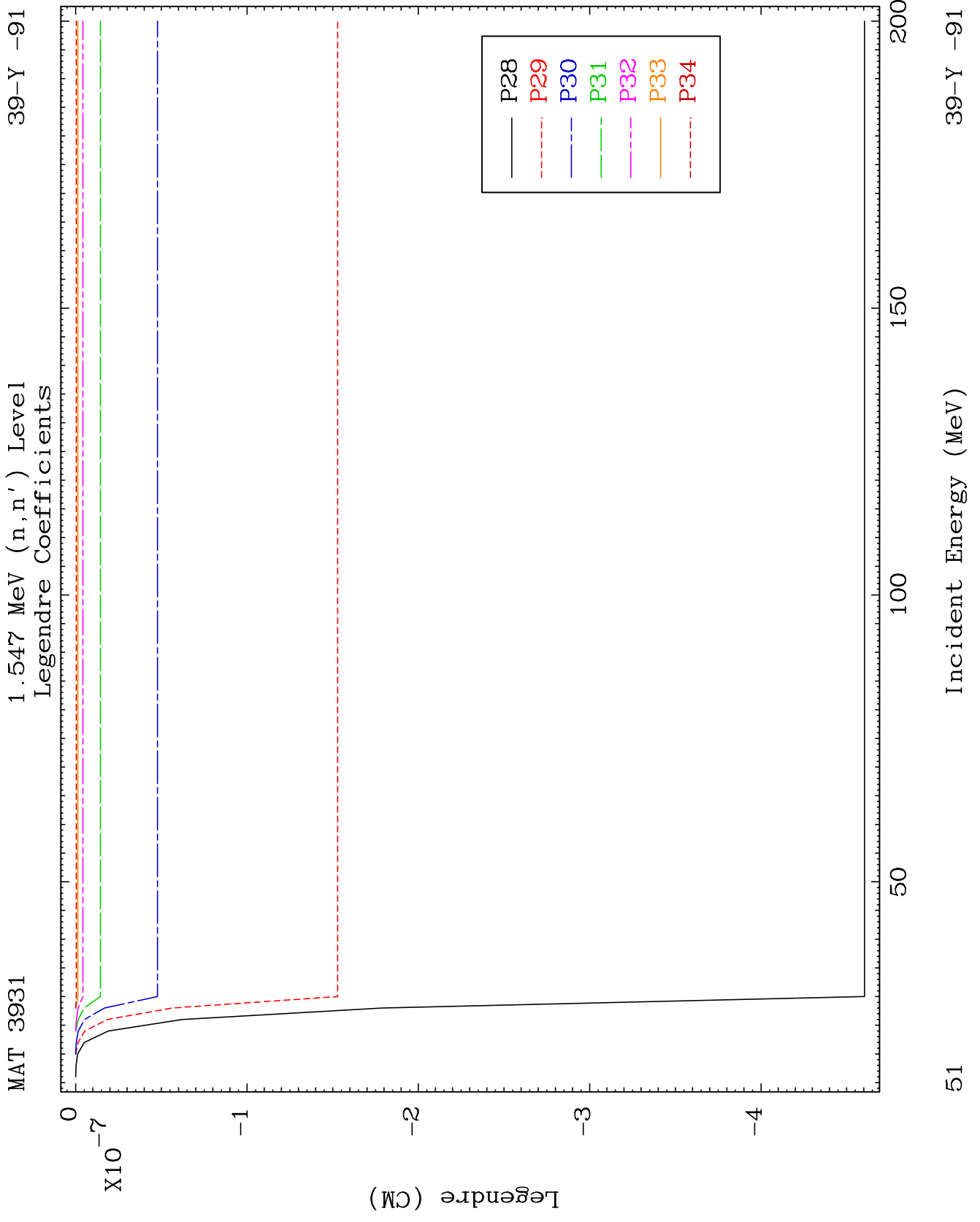


49

Incident Energy (MeV)

39-Y -91

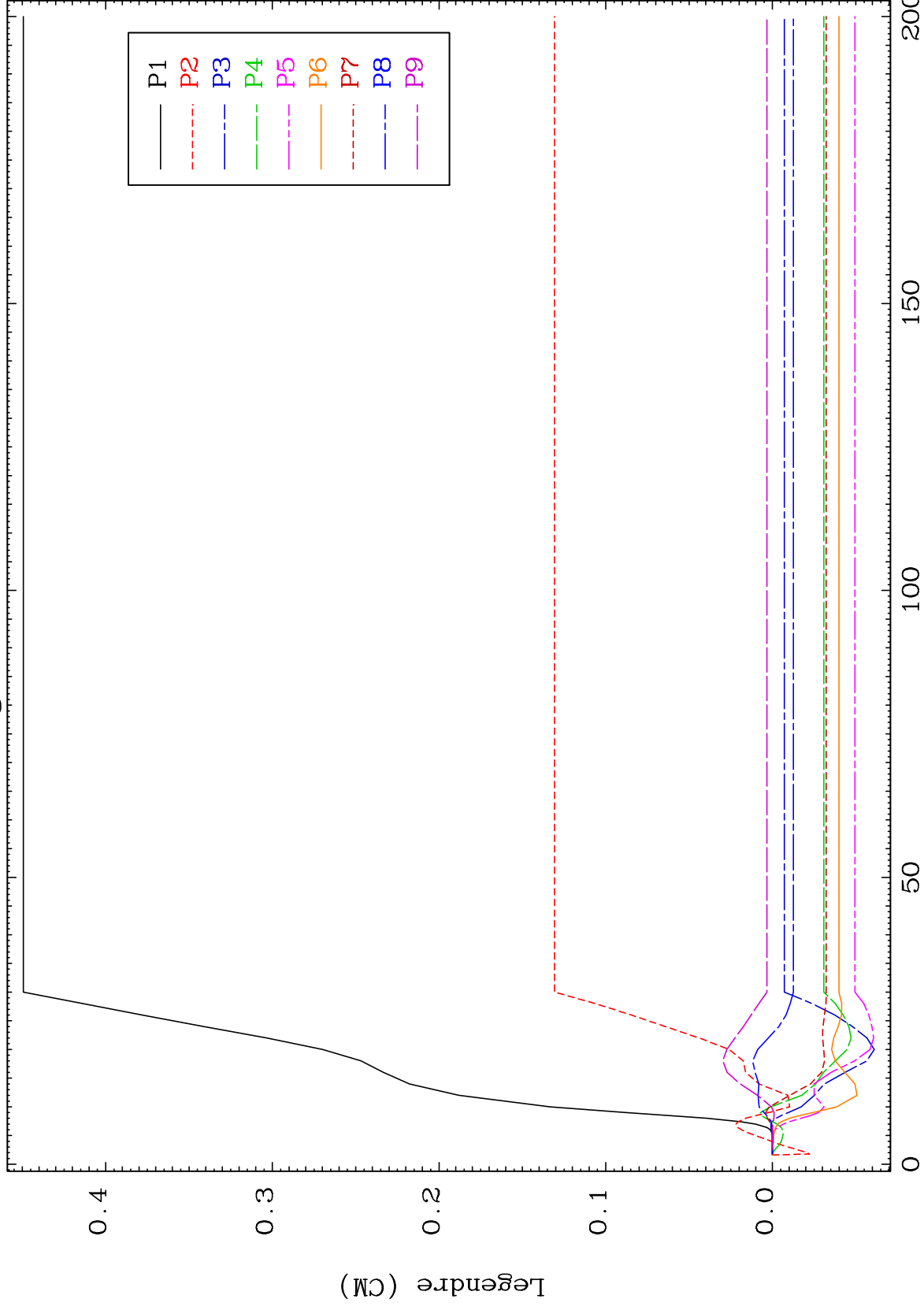




MAT 3931

1.580 MeV (n,n') Level
Legendre Coefficients

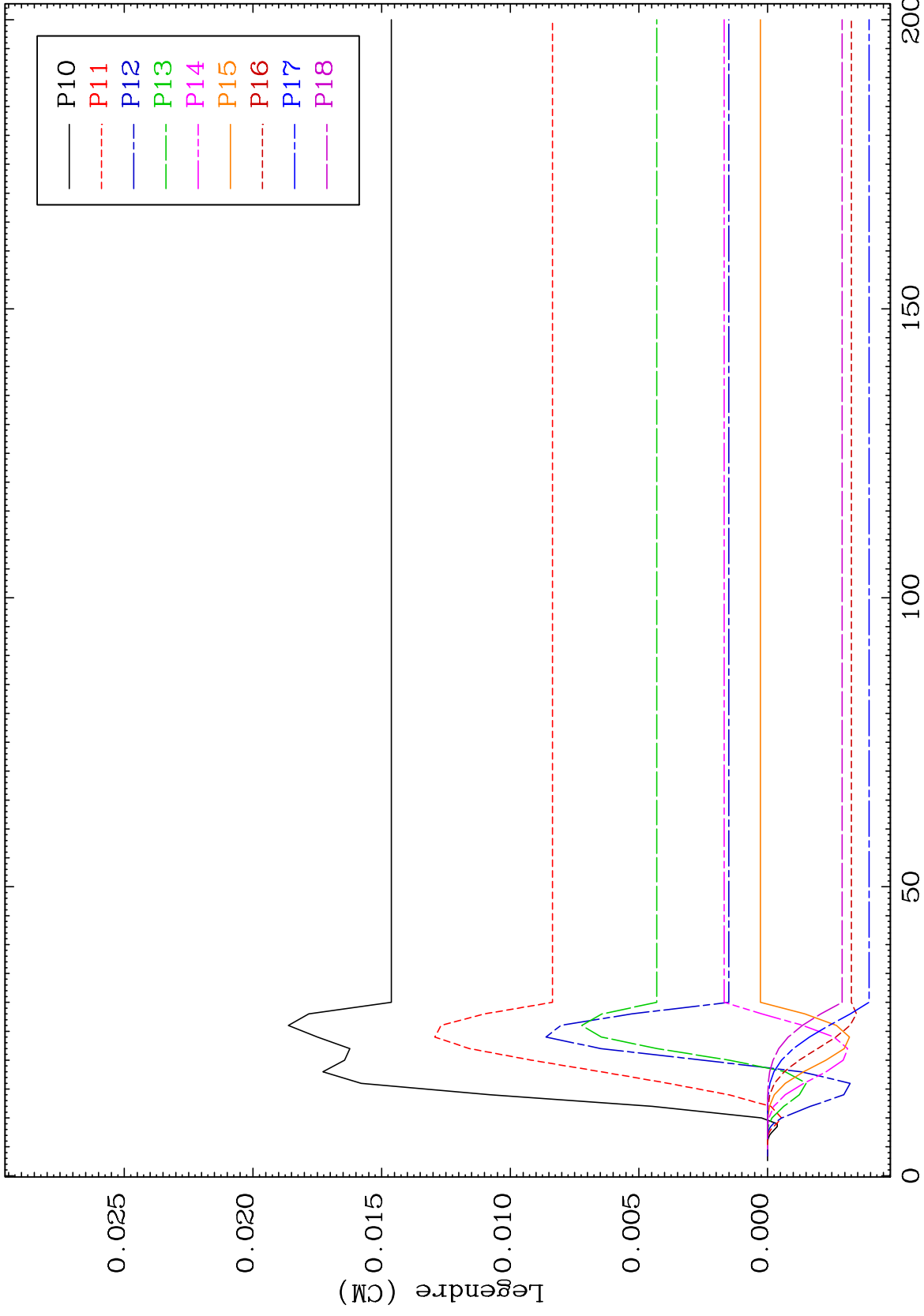
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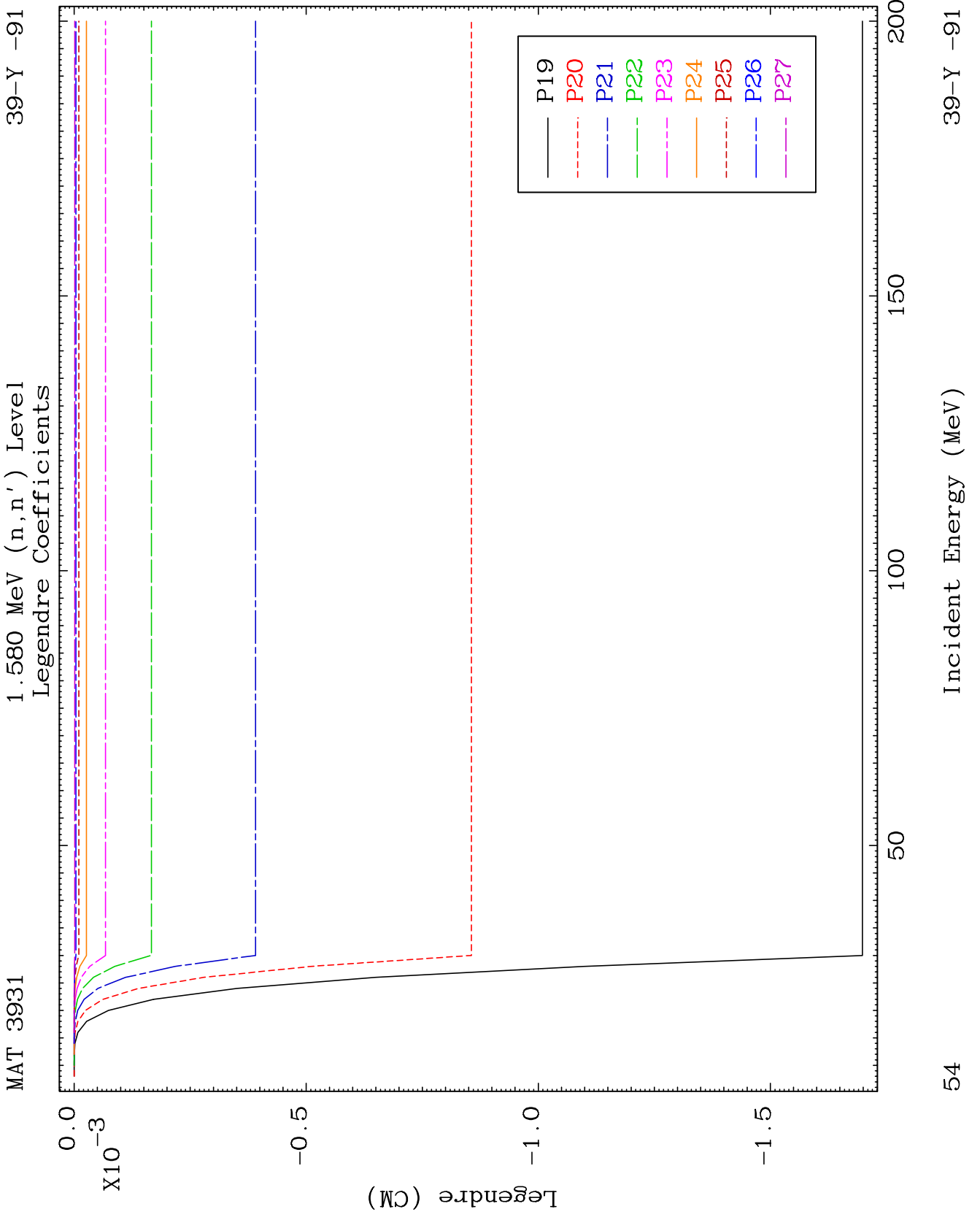


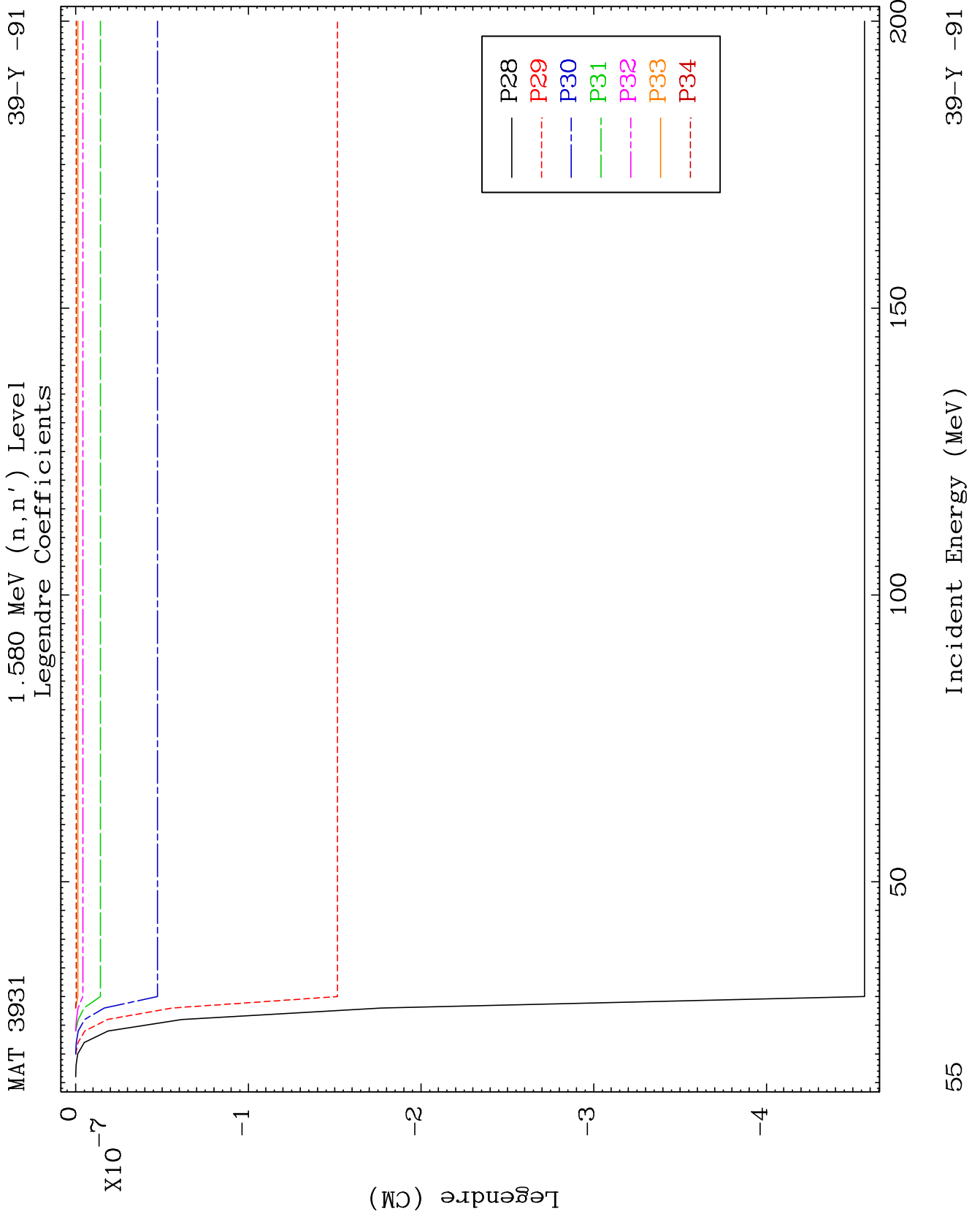
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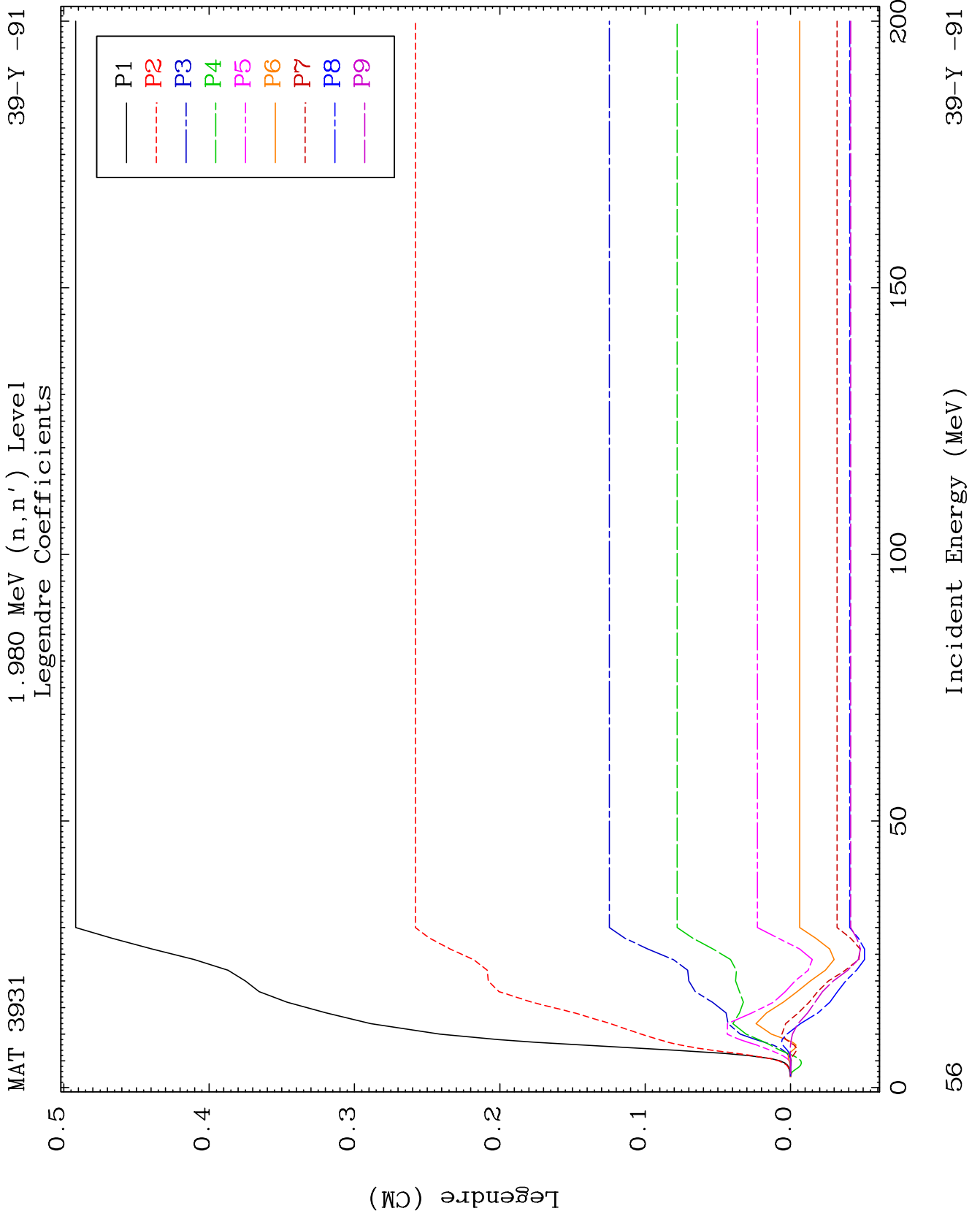
Incident Energy (MeV)

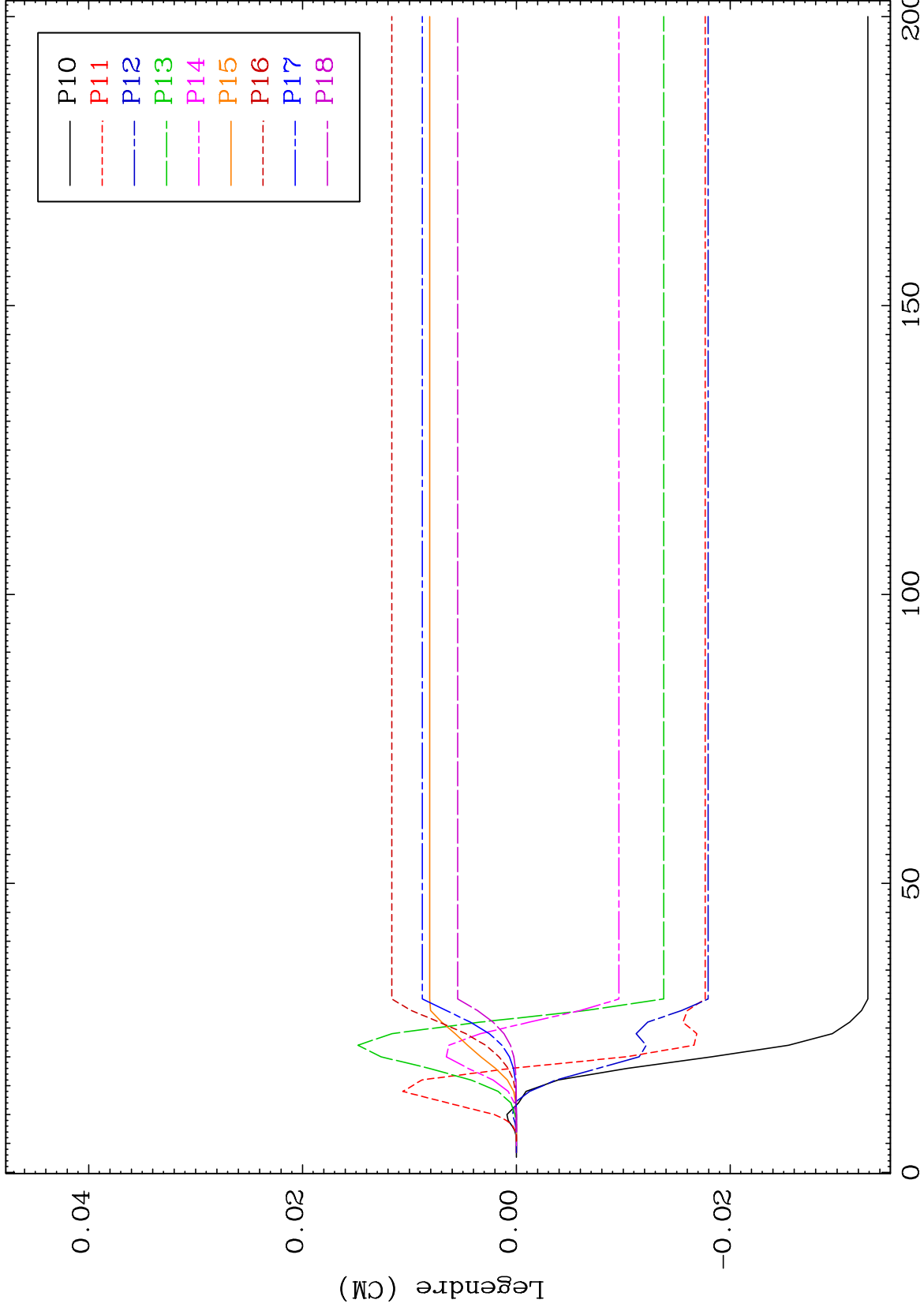
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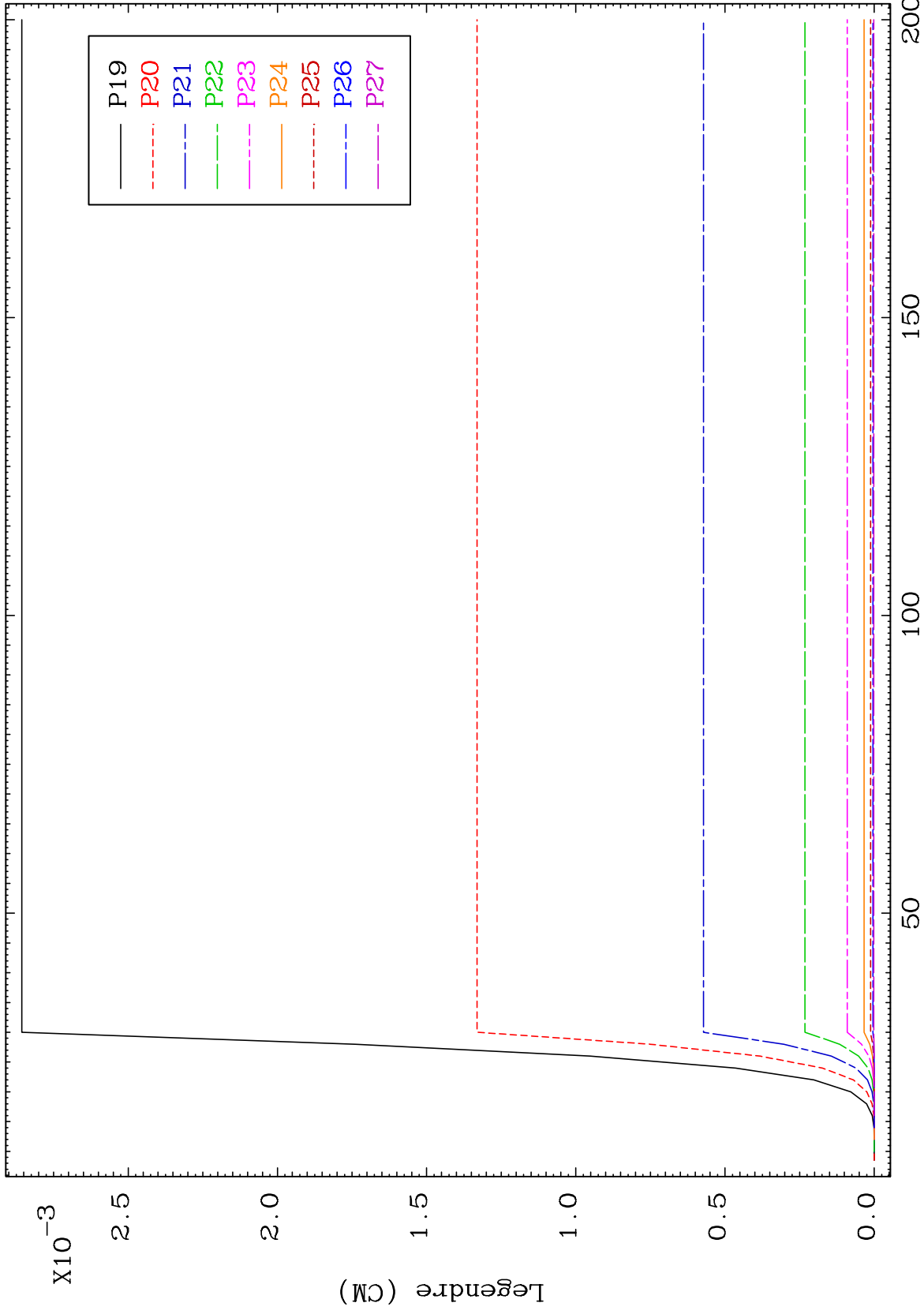








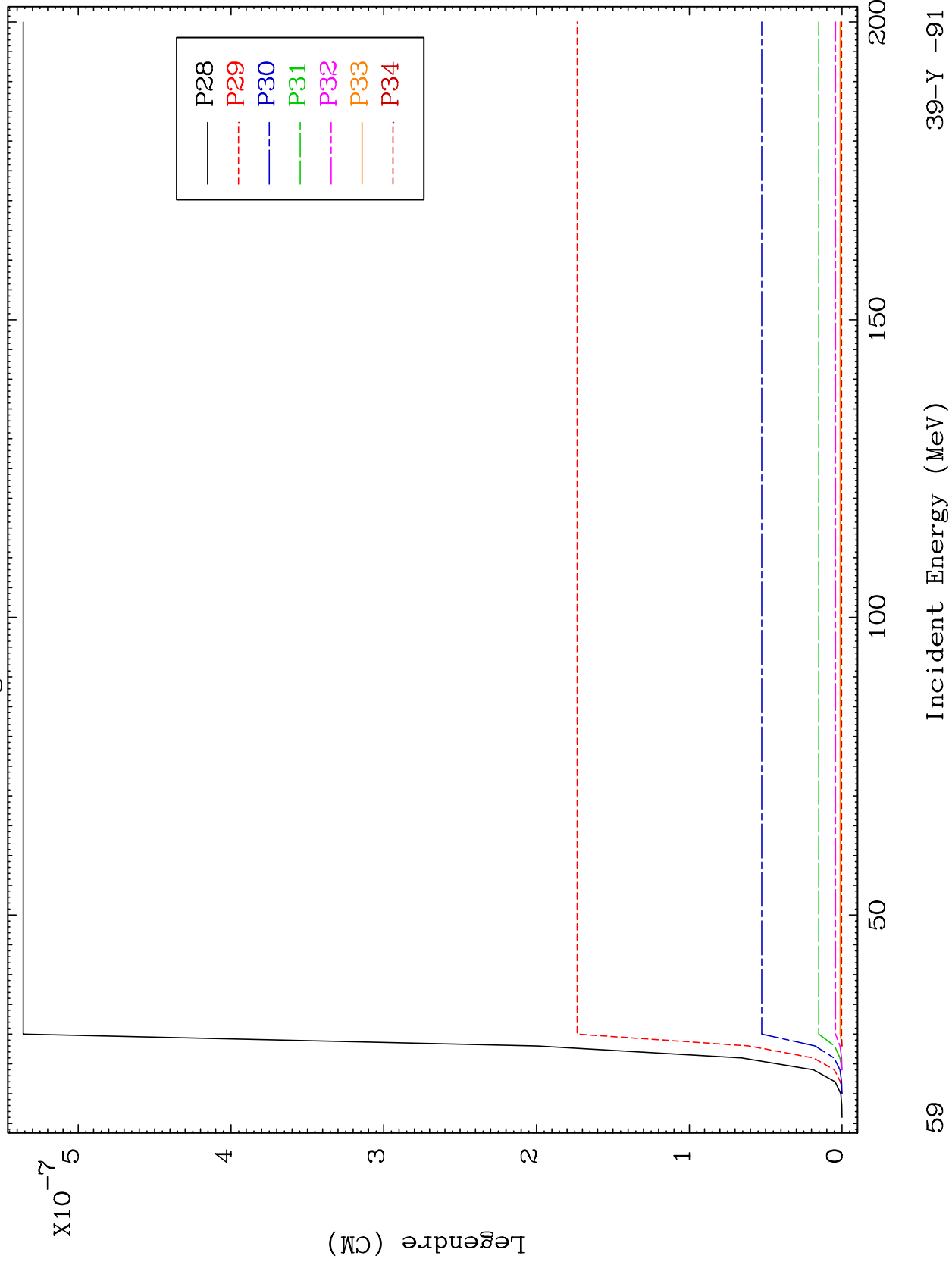


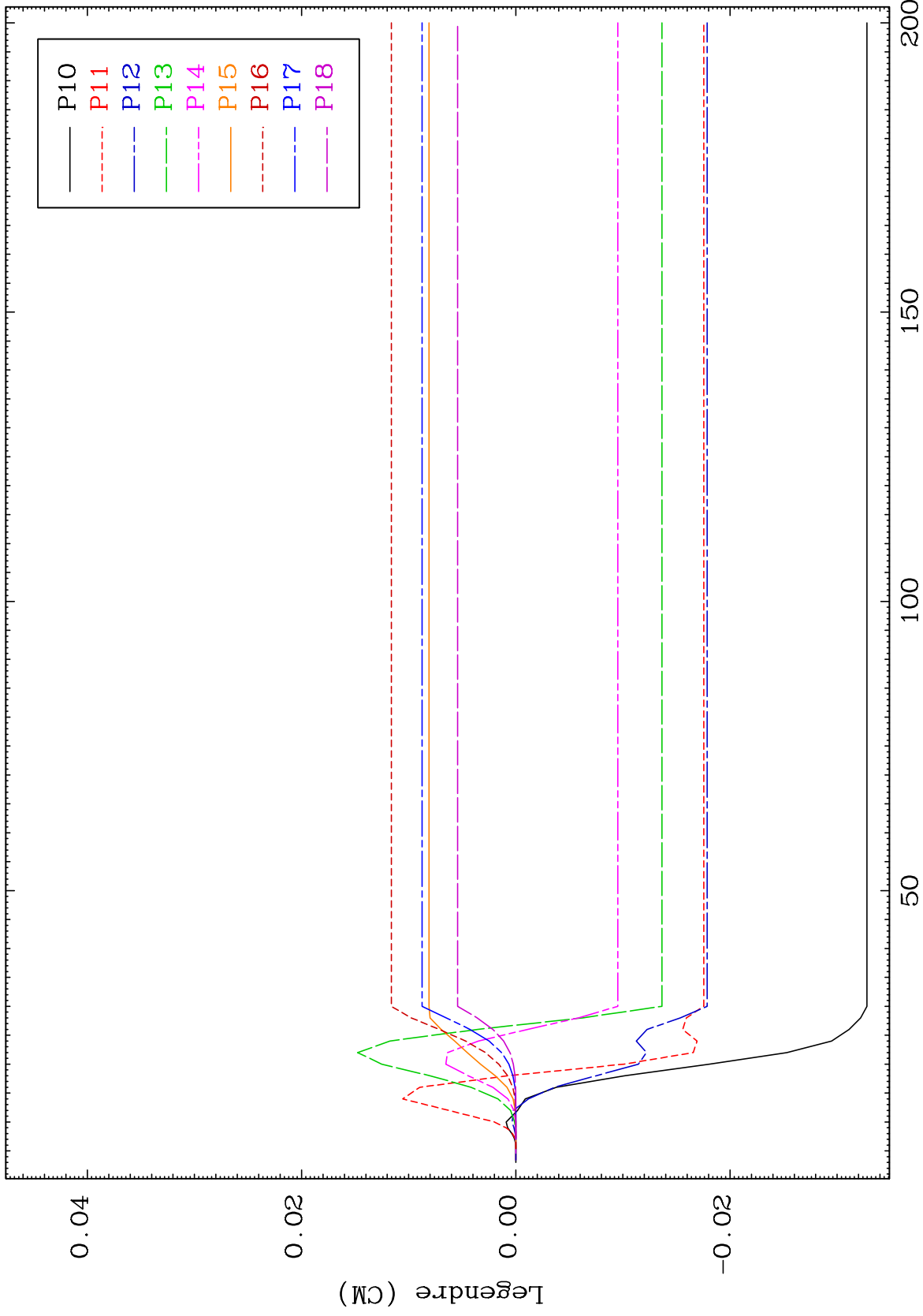


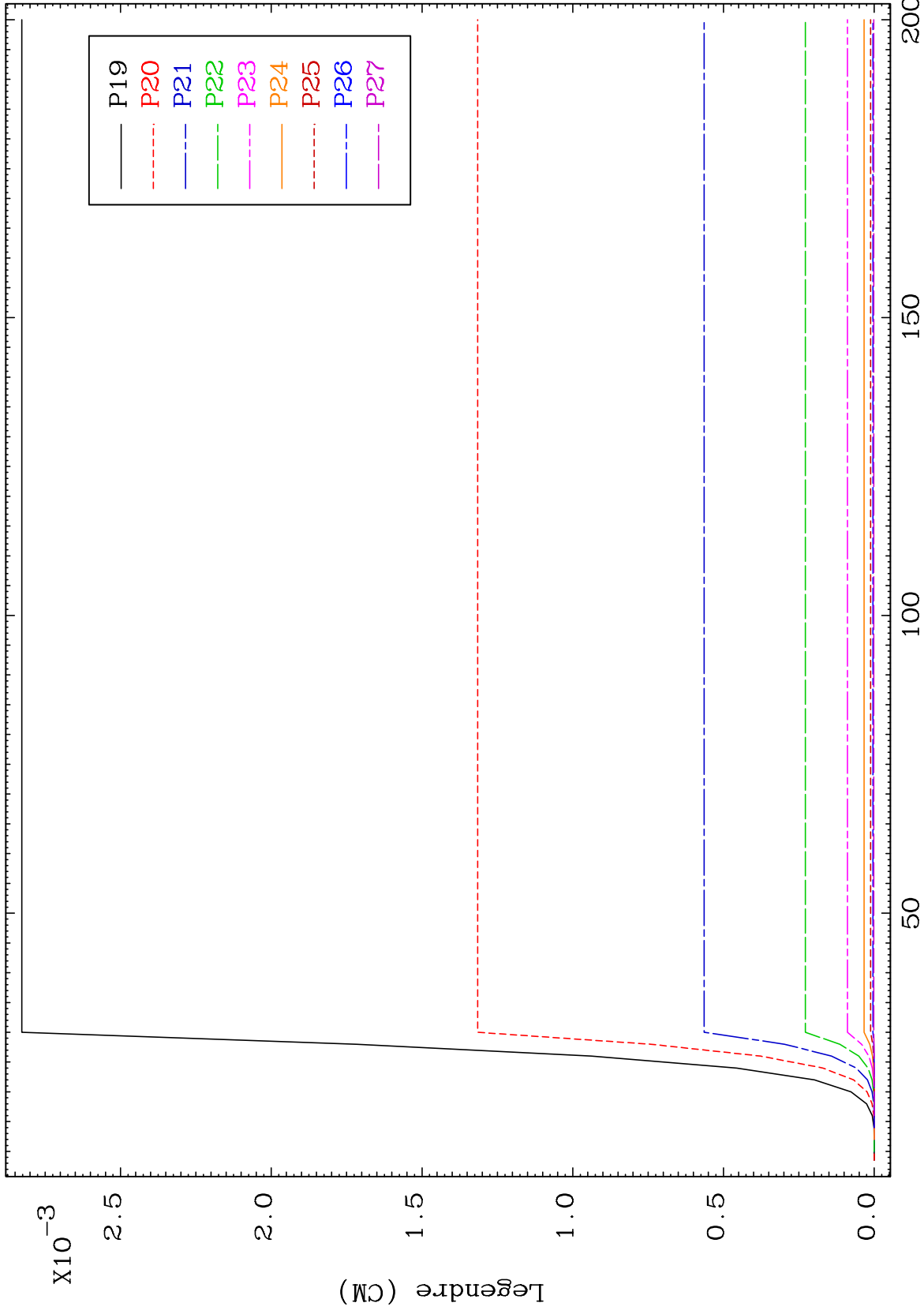
MAT 3931

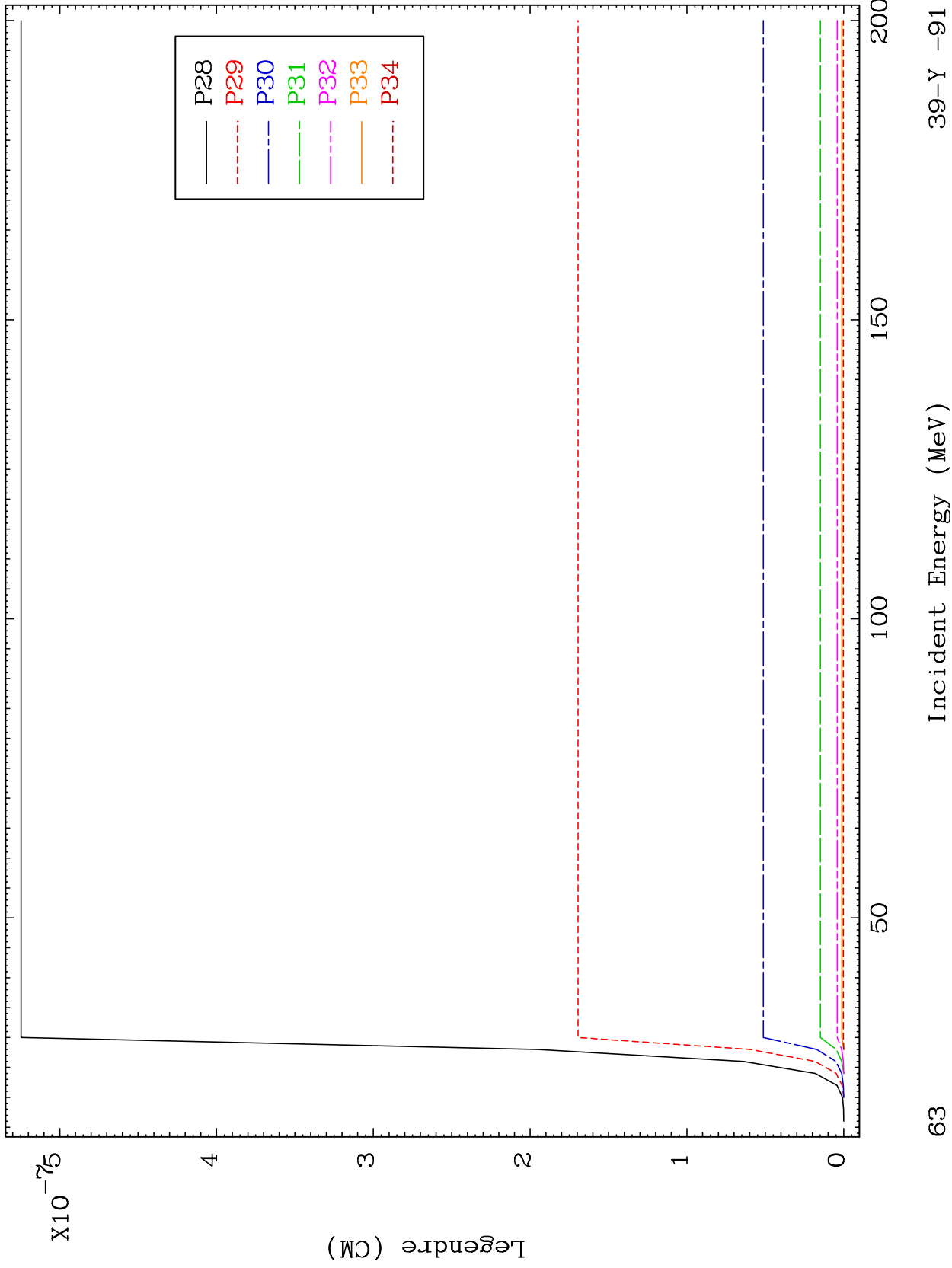
1.980 MeV (n,n') Level
Legendre Coefficients

39-Y -91





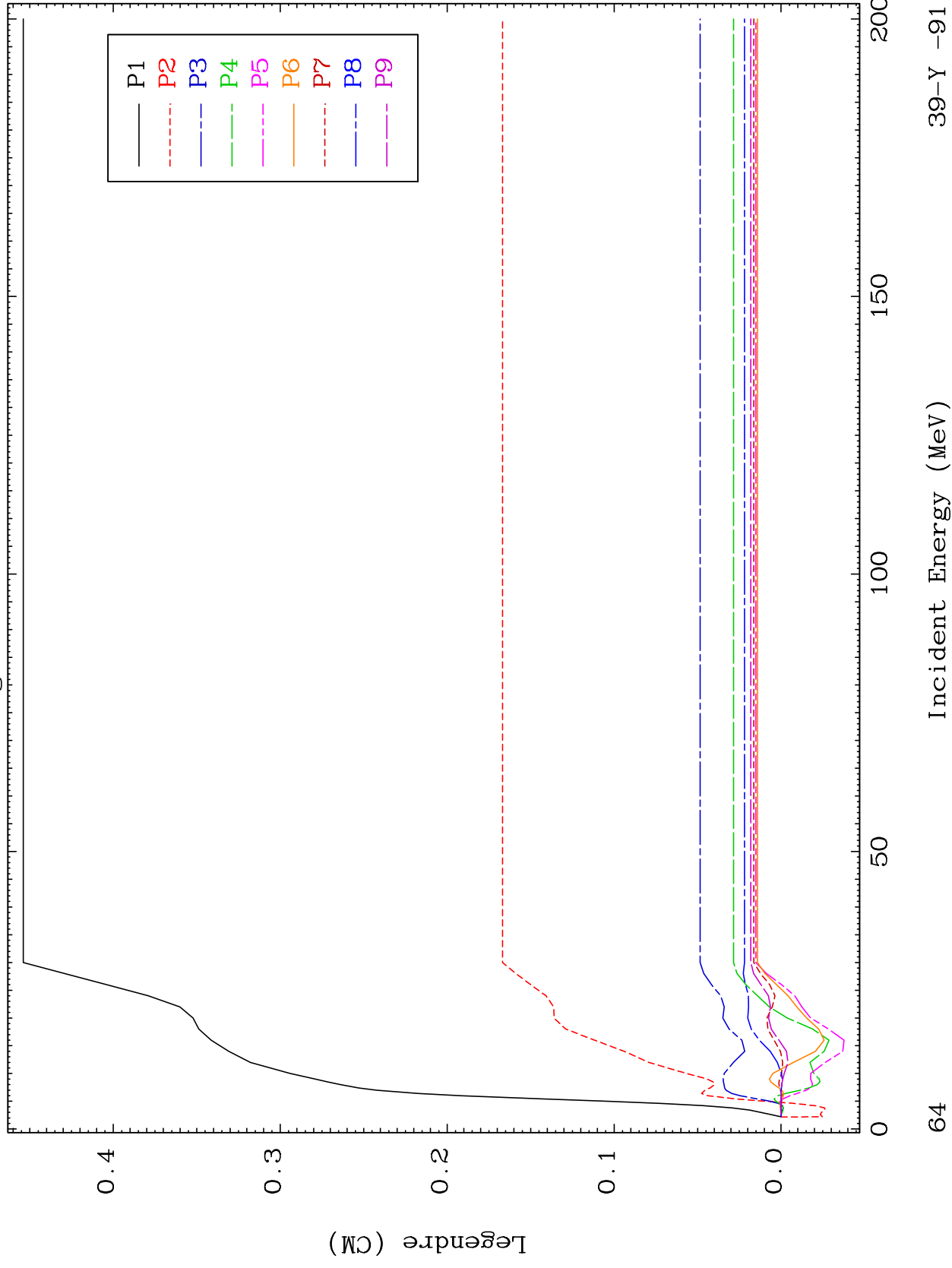




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2.129 MeV (n,n') Level
Legendre Coefficients

39-Y -91



39-Y -91

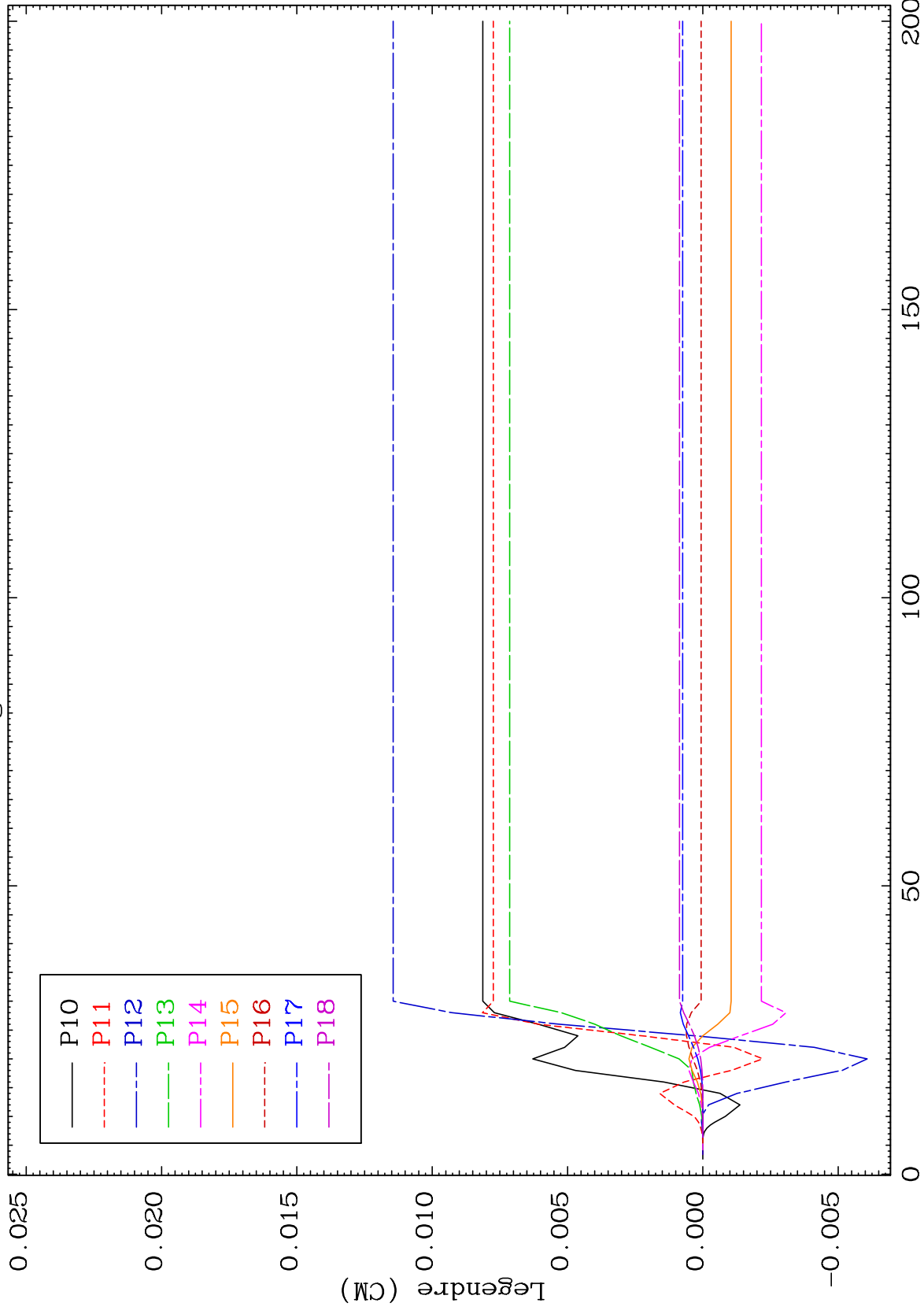
Incident Energy (MeV)

64

MAT 3931

2.129 MeV (n,n') Level
Legendre Coefficients

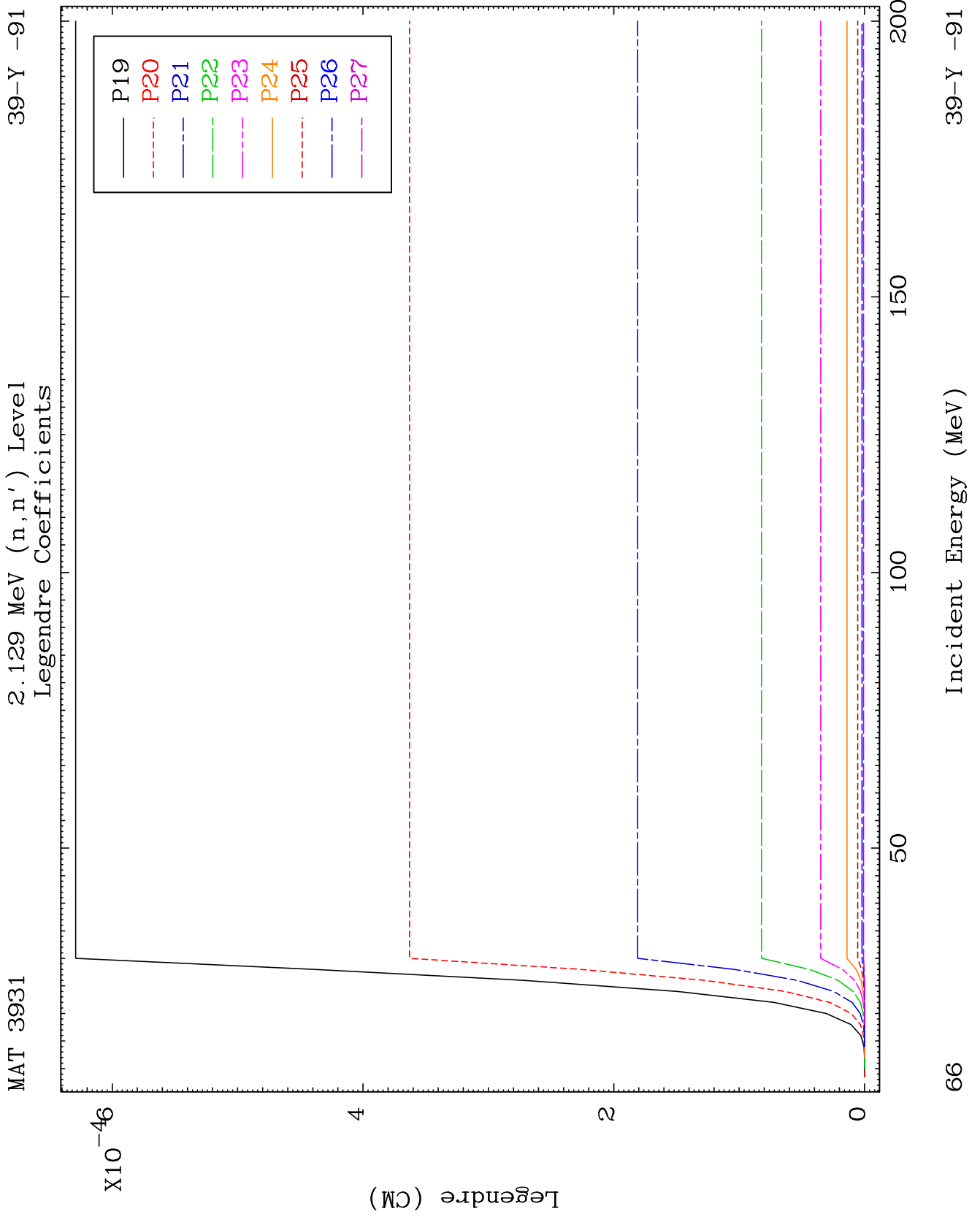
39-Y -91

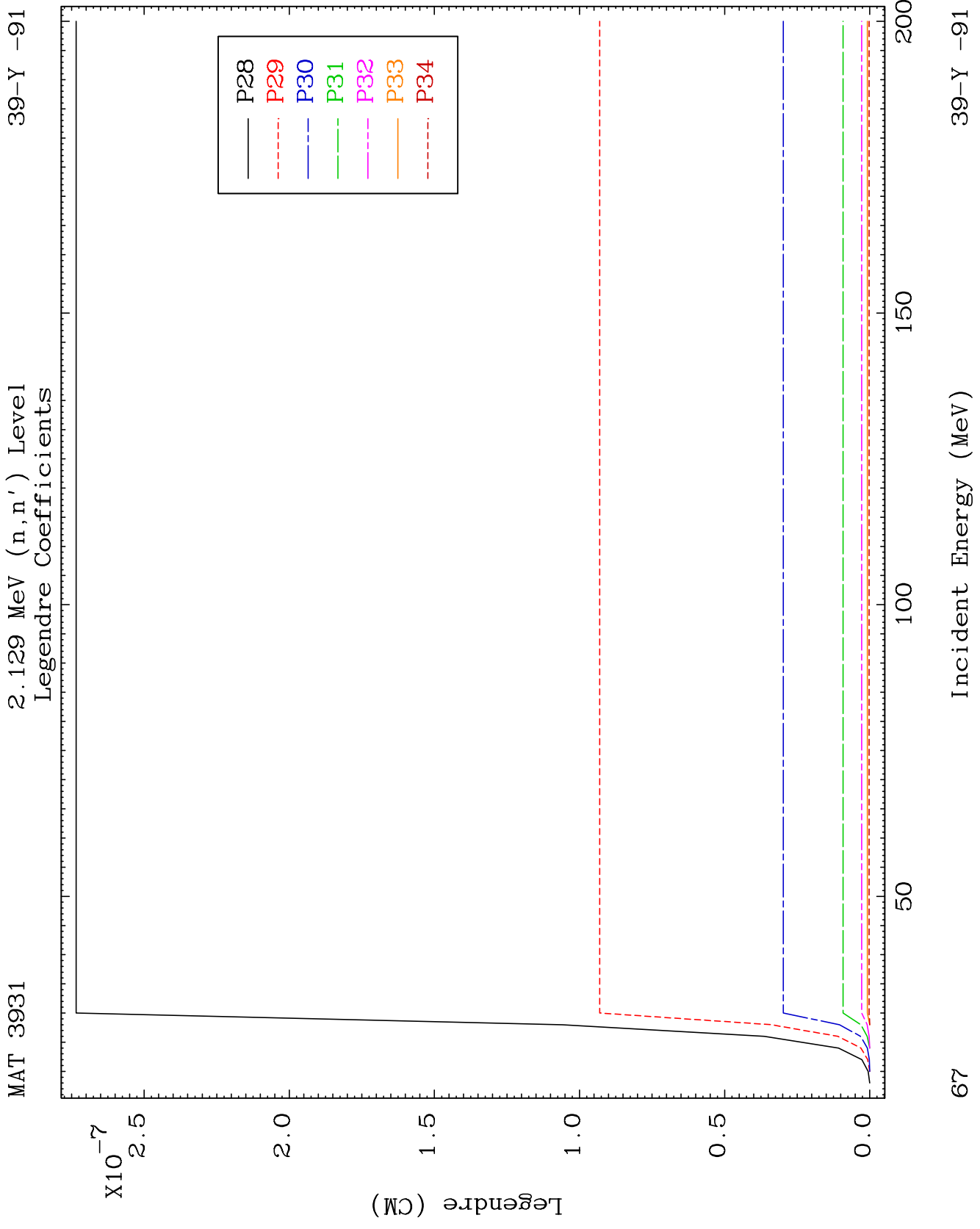


65

Incident Energy (MeV)

39-Y -91

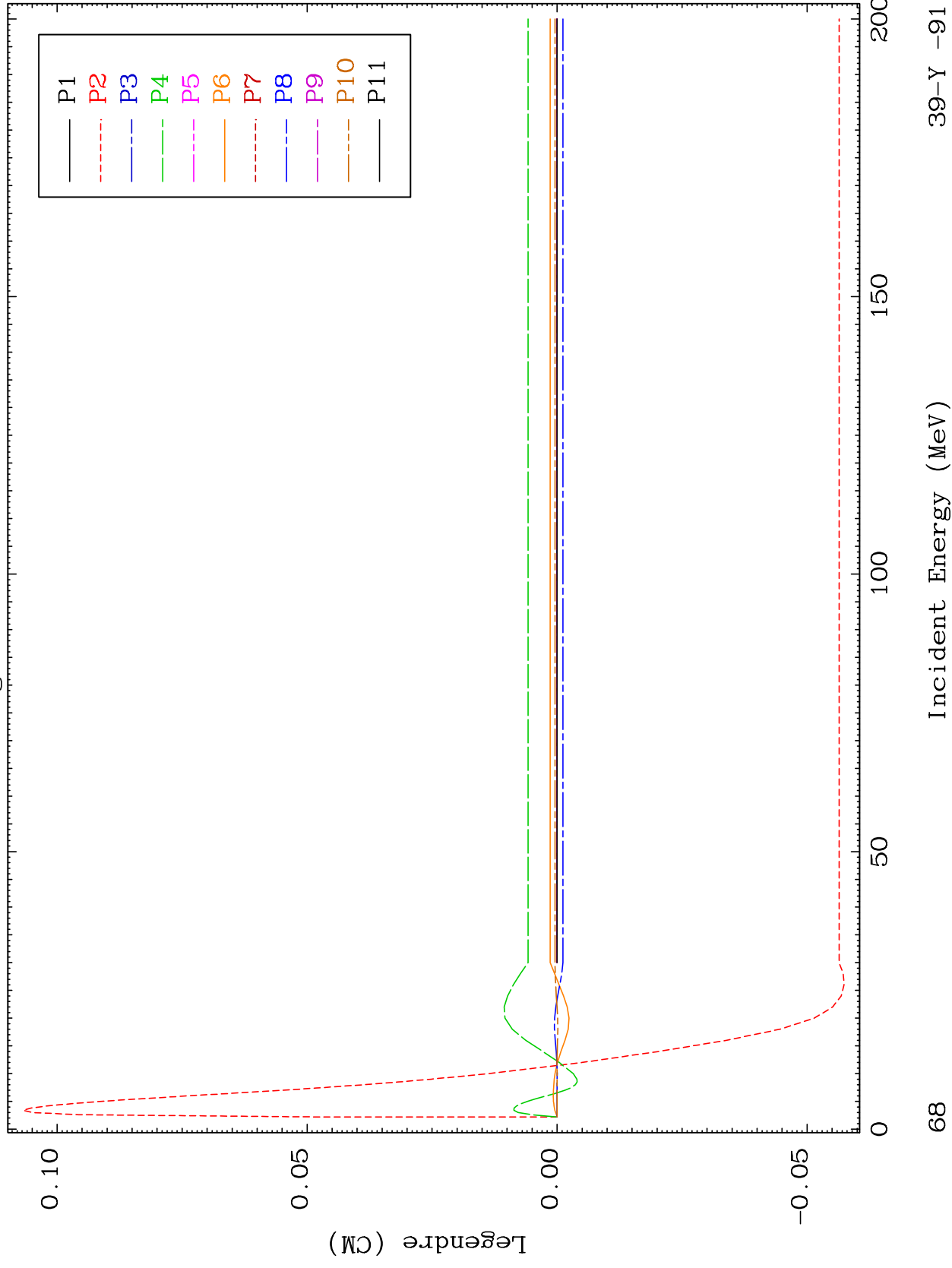


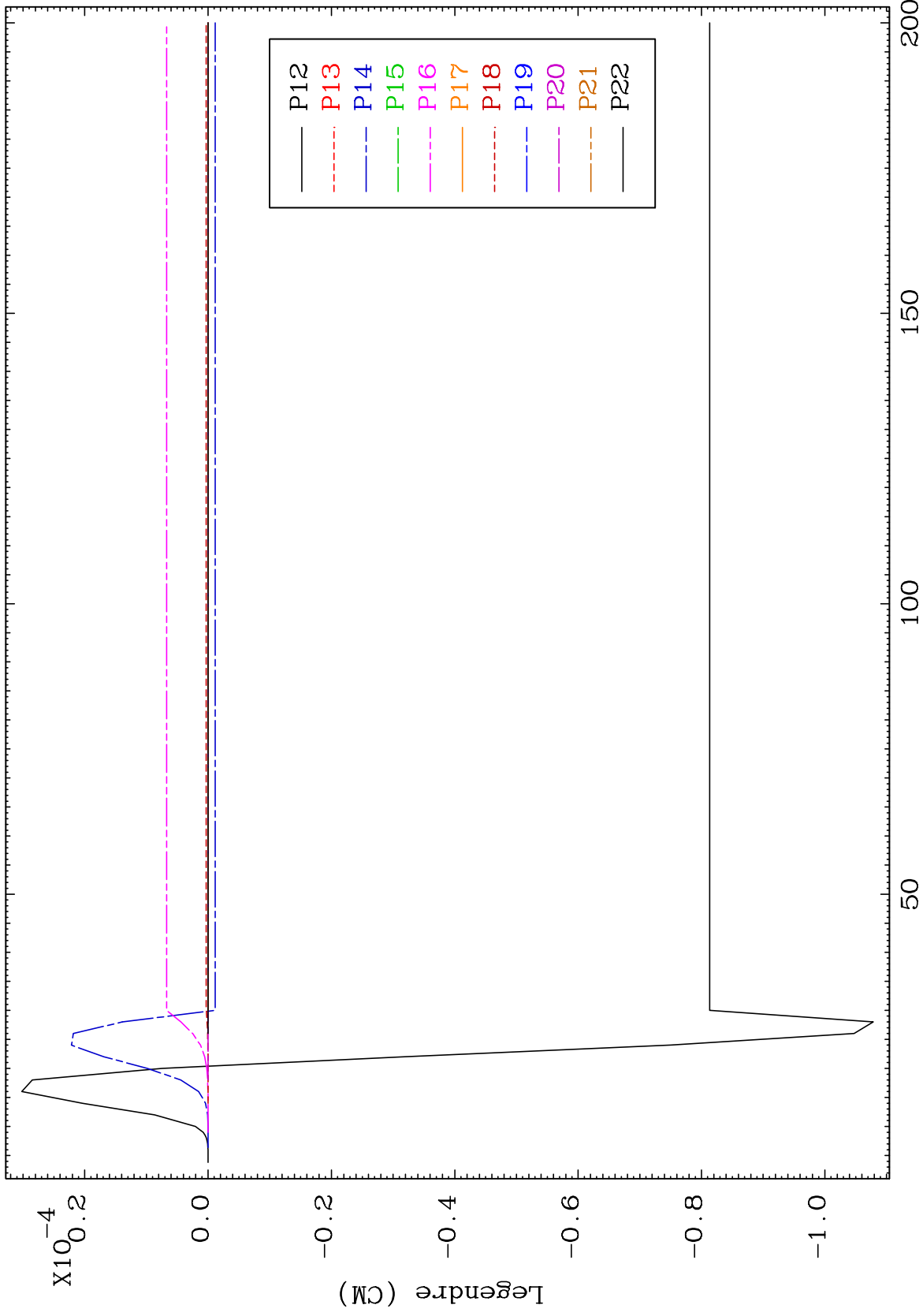


MAT 3931

2.157 MeV (n,n') Level
Legendre Coefficients

39-Y -91

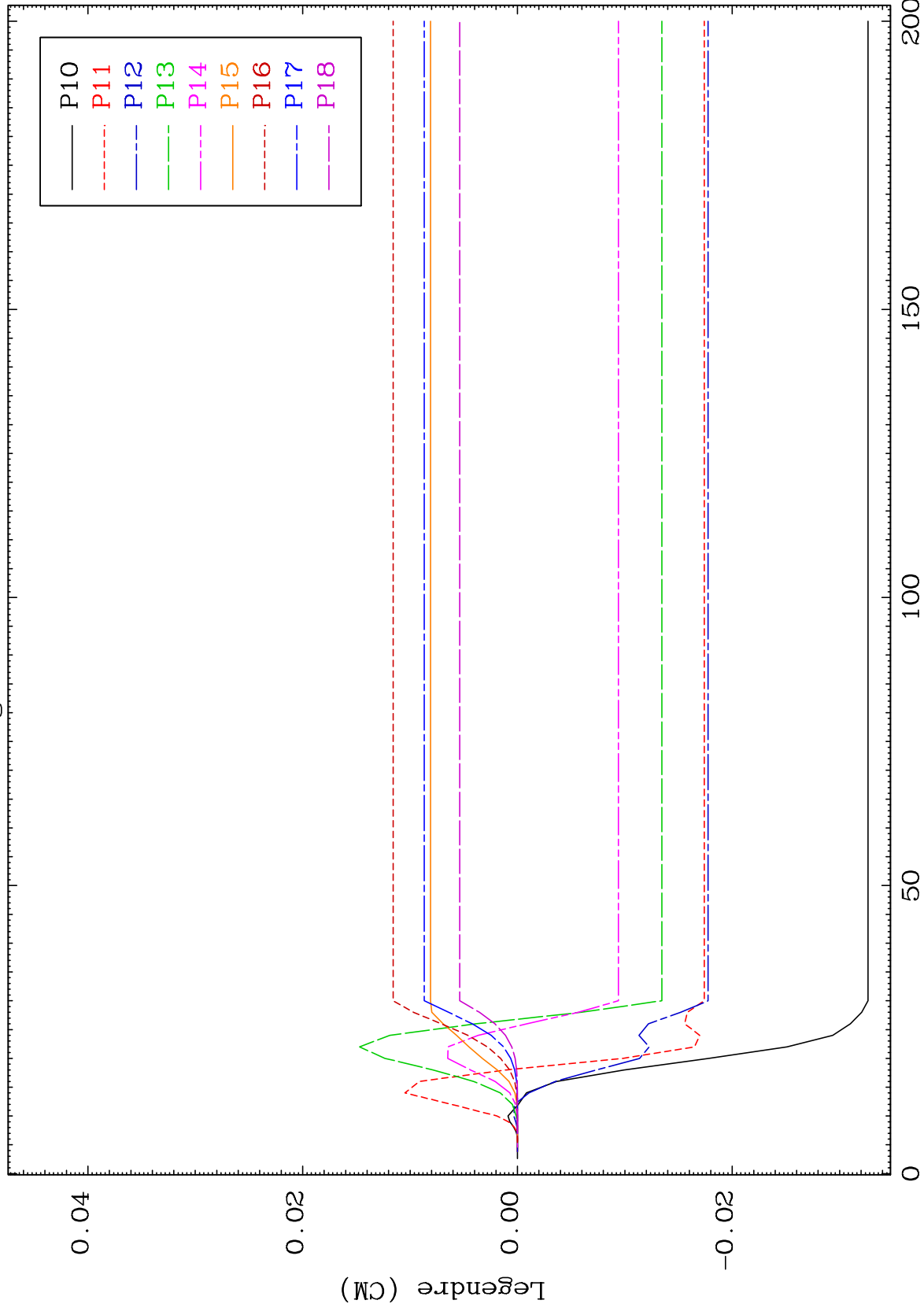




MAT 3931

2.182 MeV (n,n') Level
Legendre Coefficients

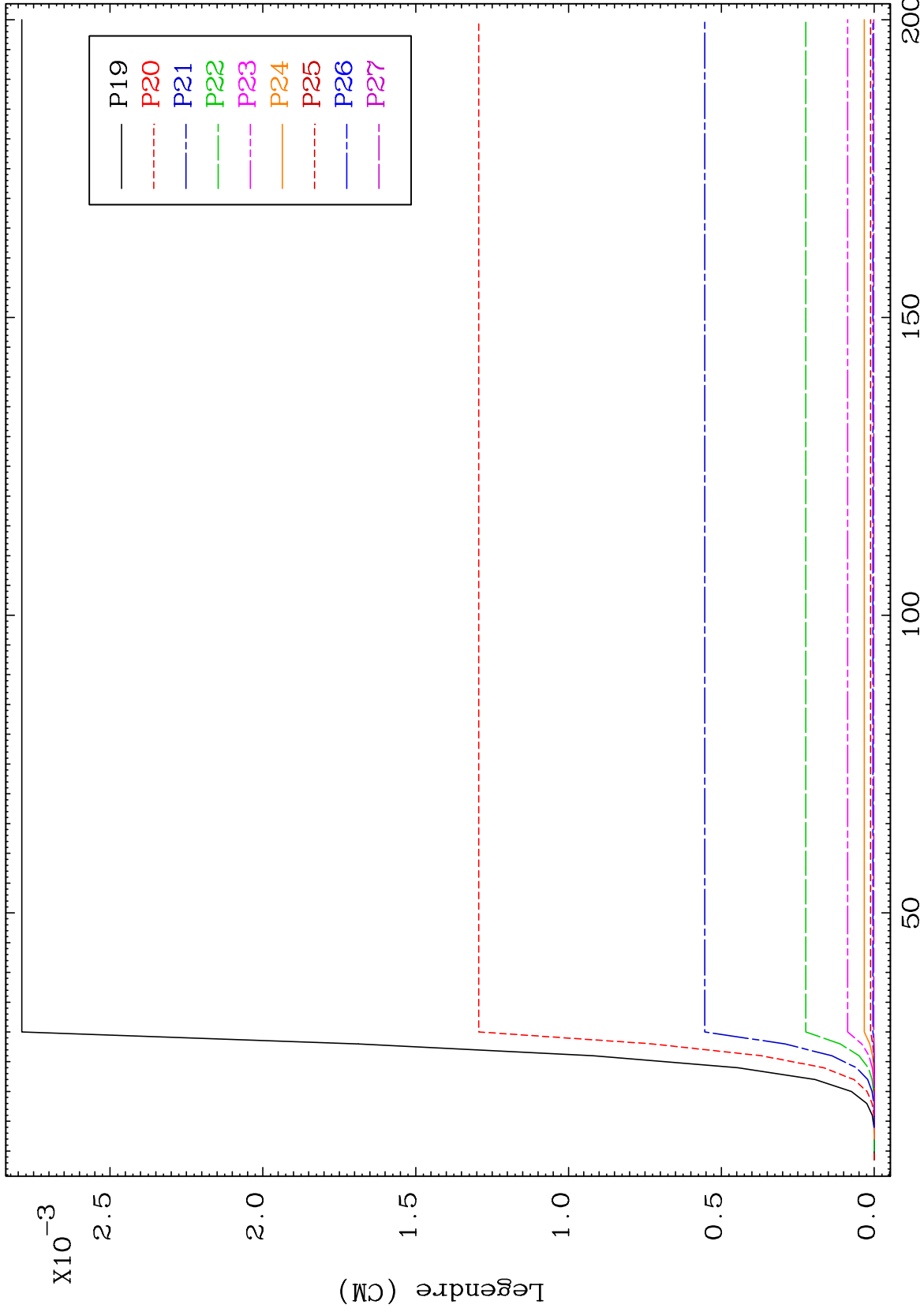
39-Y -91



71

Incident Energy (MeV)

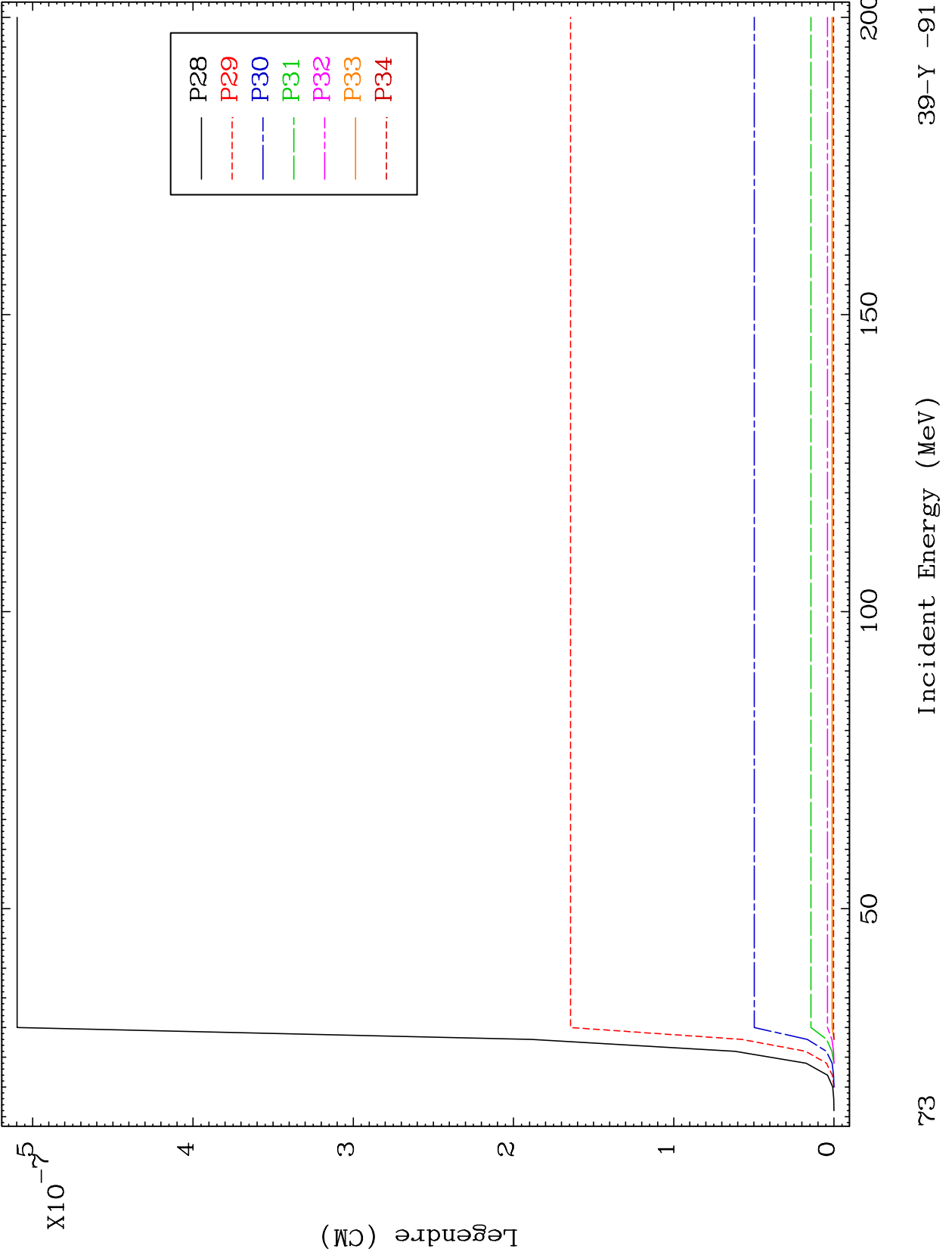
39-Y -91



MAT 3931

2.182 MeV (n,n') Level
Legendre Coefficients

39-Y -91



73

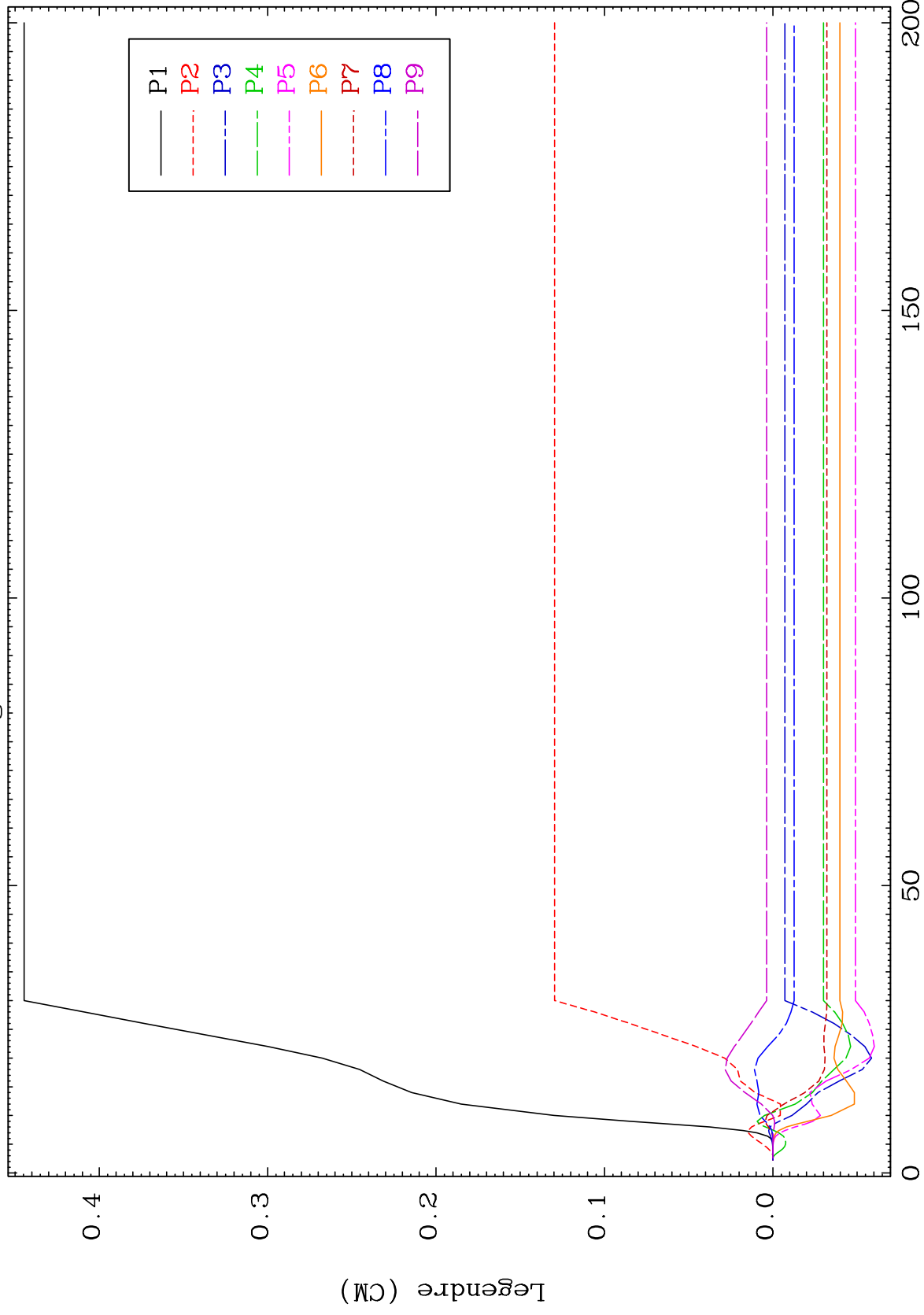
Incident Energy (MeV)

39-Y -91

MAT 3931

2.207 MeV (n,n') Level
Legendre Coefficients

39-Y -91



74

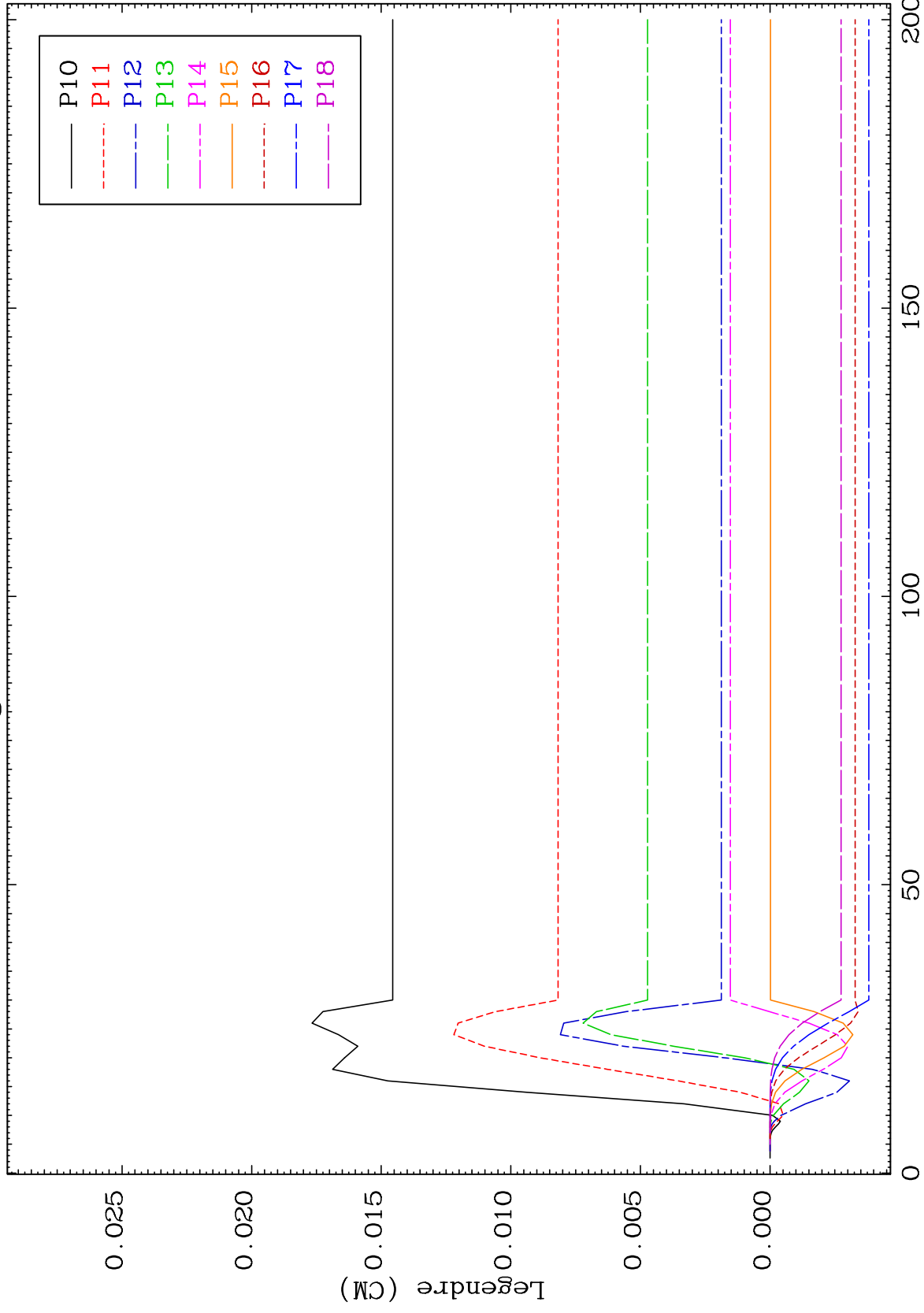
Incident Energy (MeV)

39-Y -91

MAT 3931

2.207 MeV (n,n') Level
Legendre Coefficients

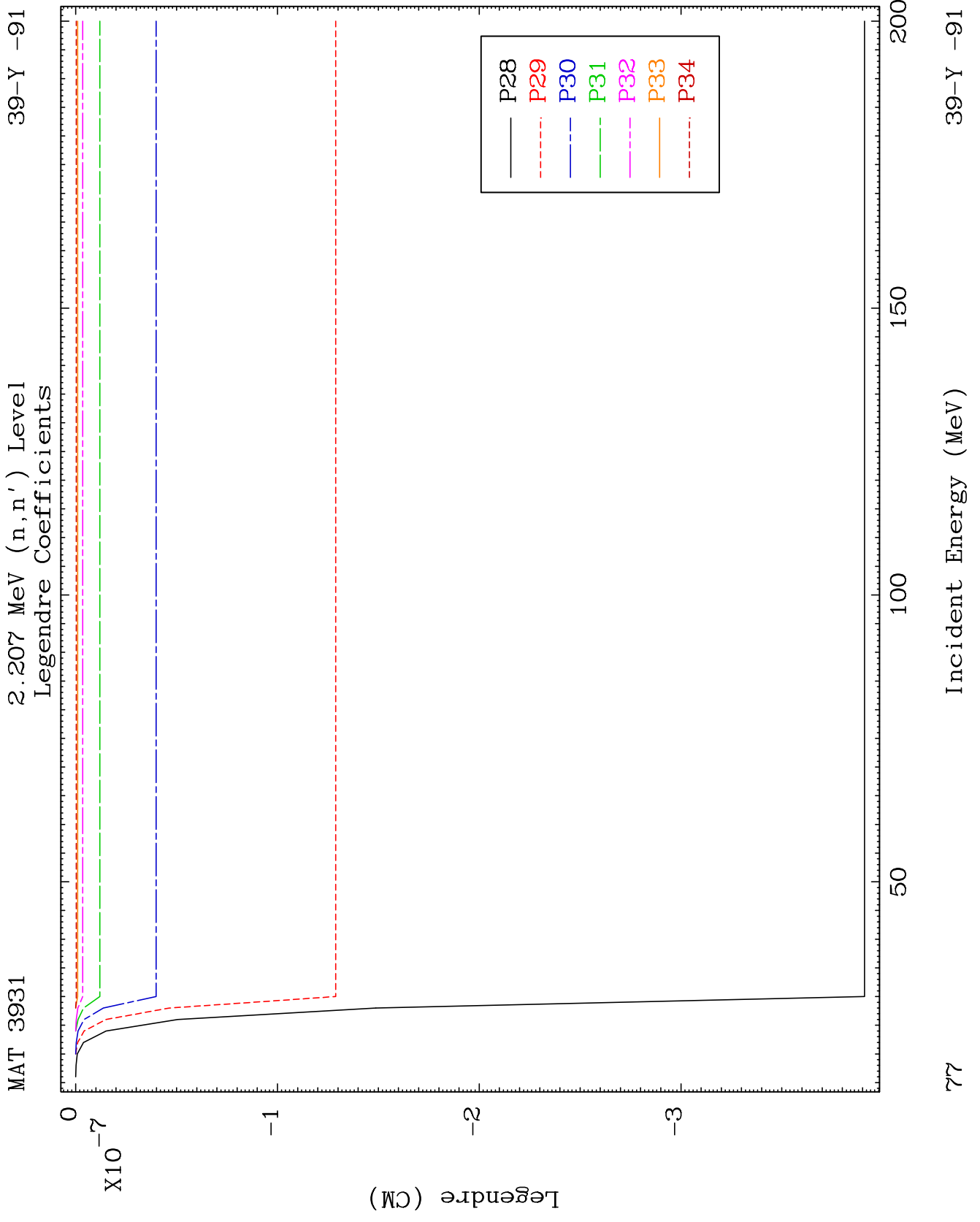
39-Y -91



75

Incident Energy (MeV)

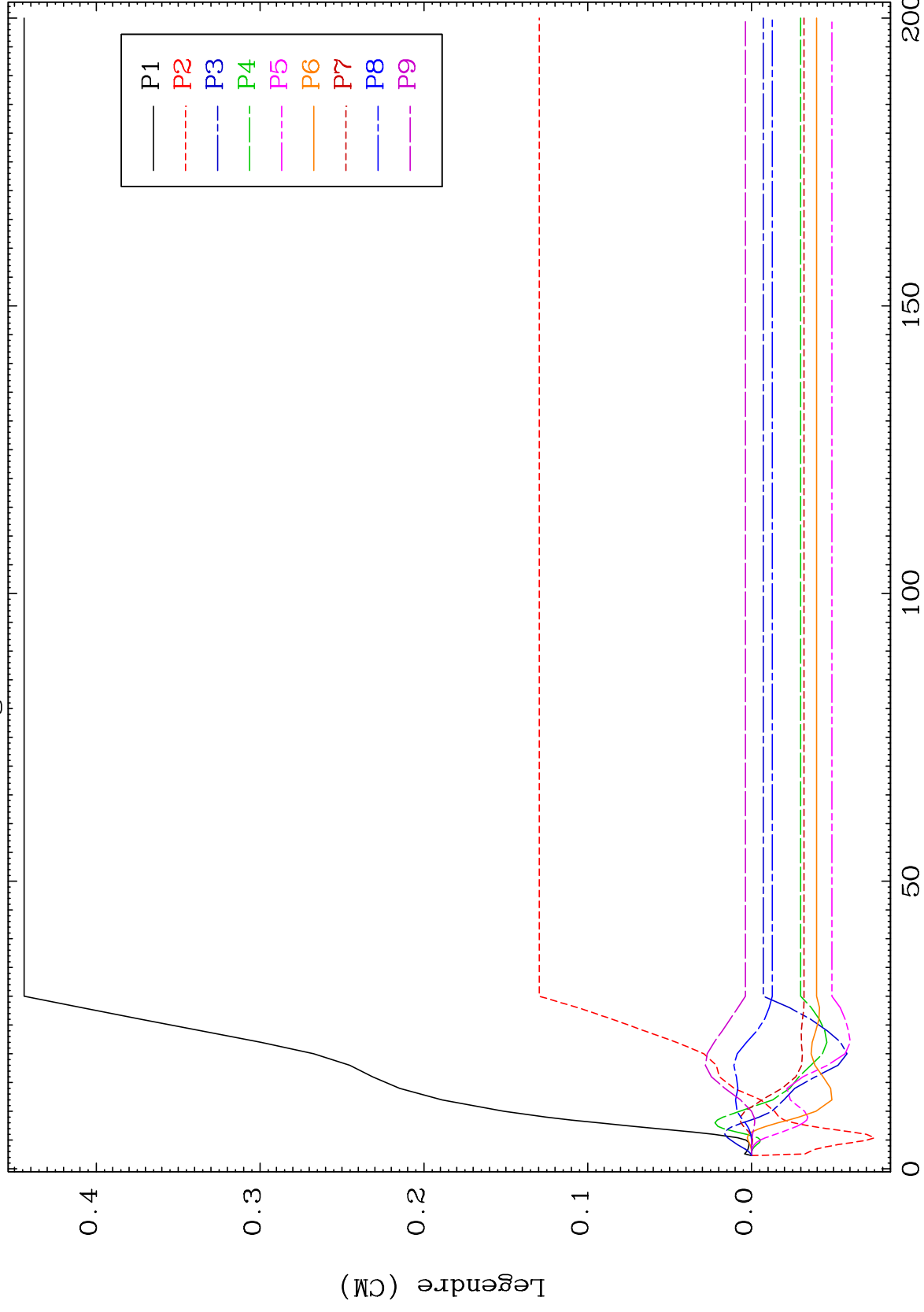
39-Y -91



MAT 3931

2.279 MeV (n,n') Level
Legendre Coefficients

39-Y -91



78

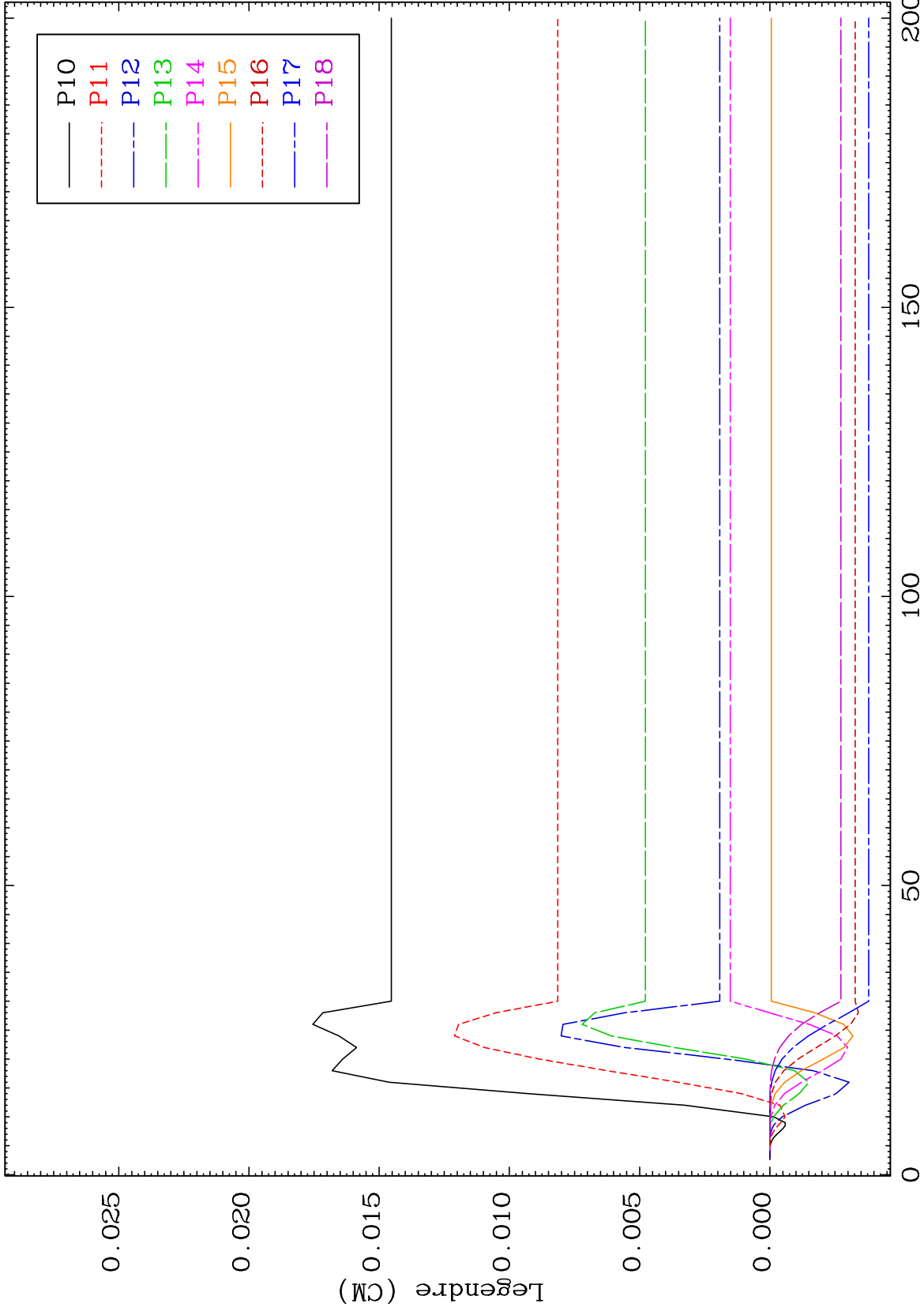
Incident Energy (MeV)

39-Y -91

MAT 3931

2.279 MeV (n,n') Level
Legendre Coefficients

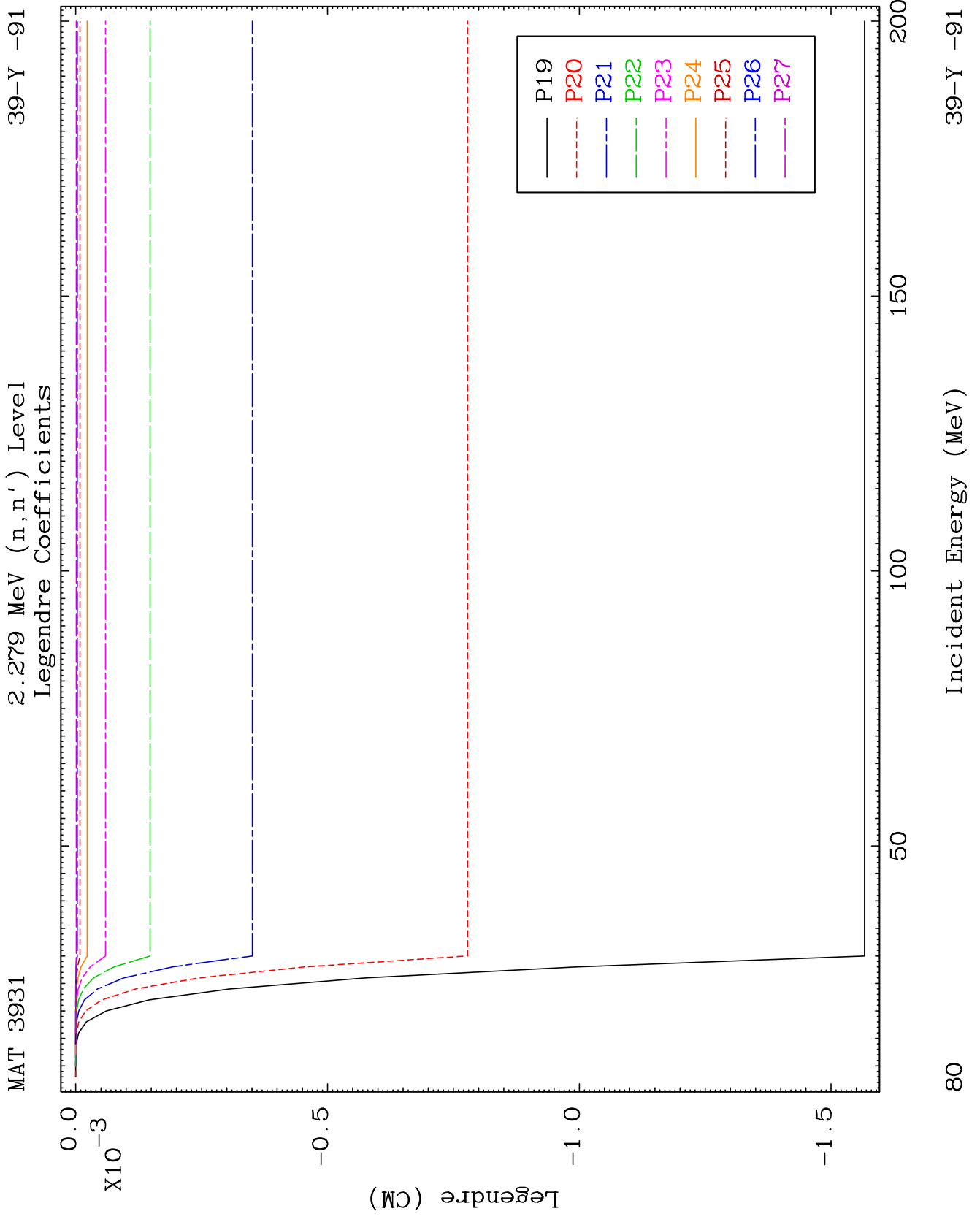
39-Y -91

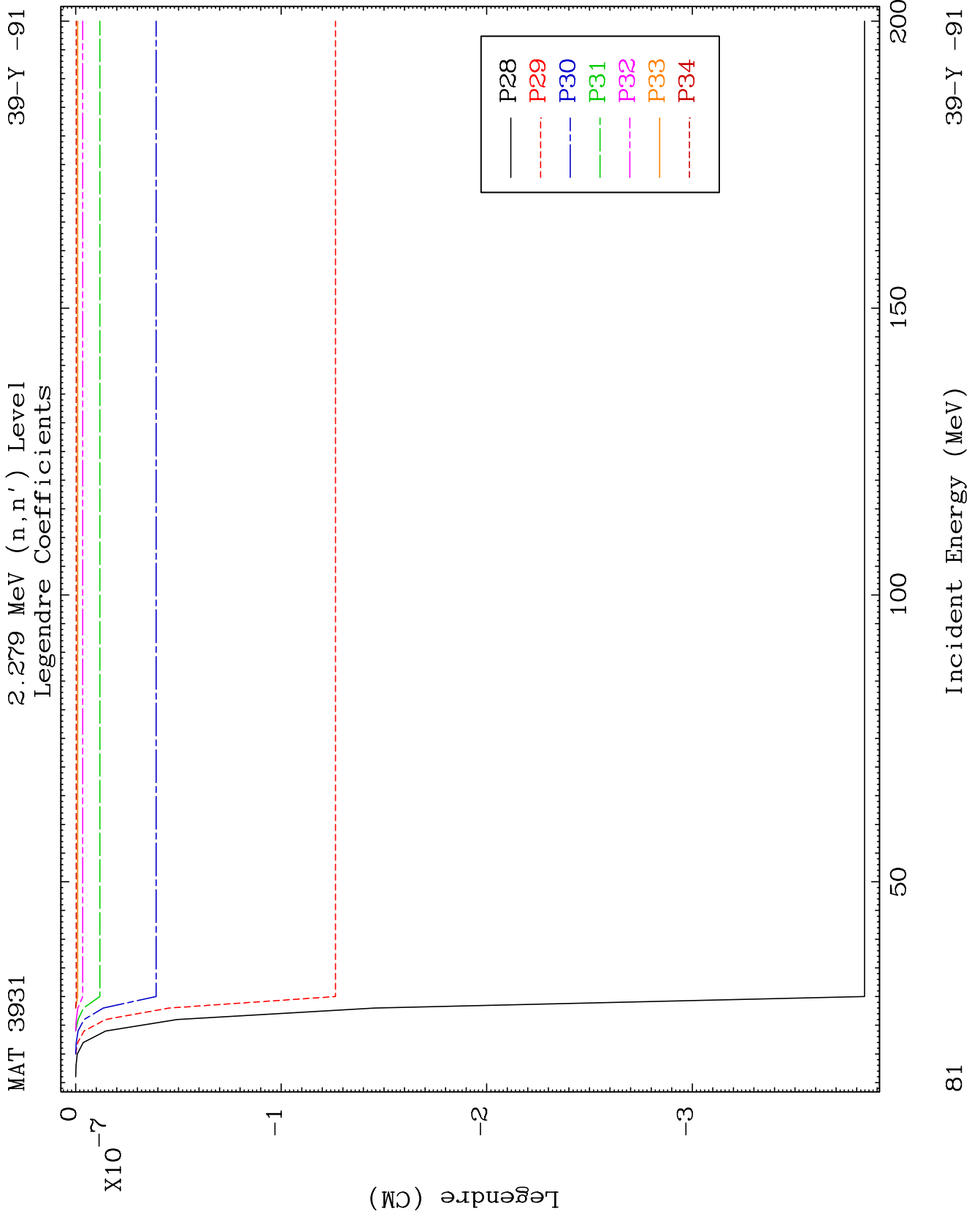


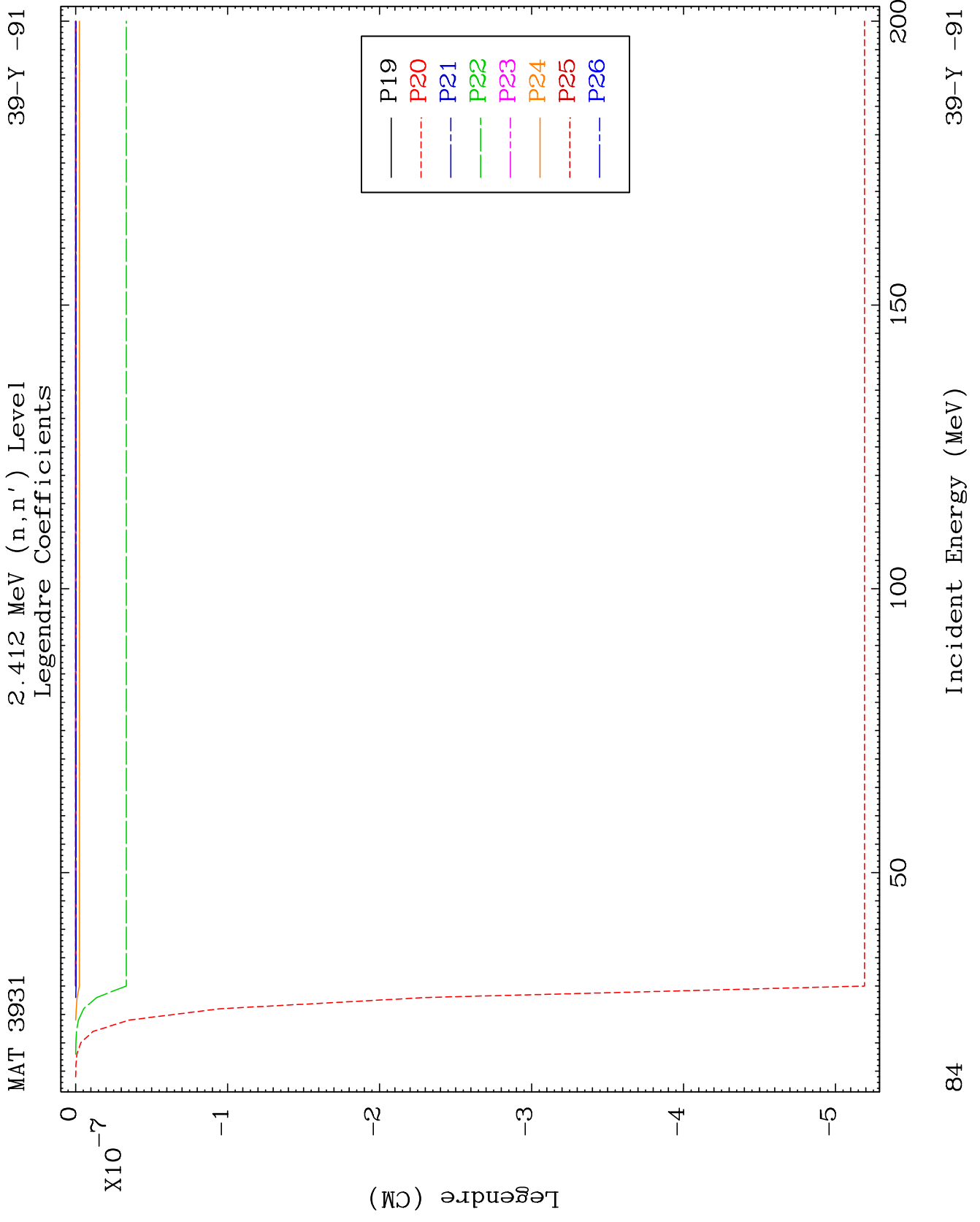
79

Incident Energy (MeV)

39-Y -91



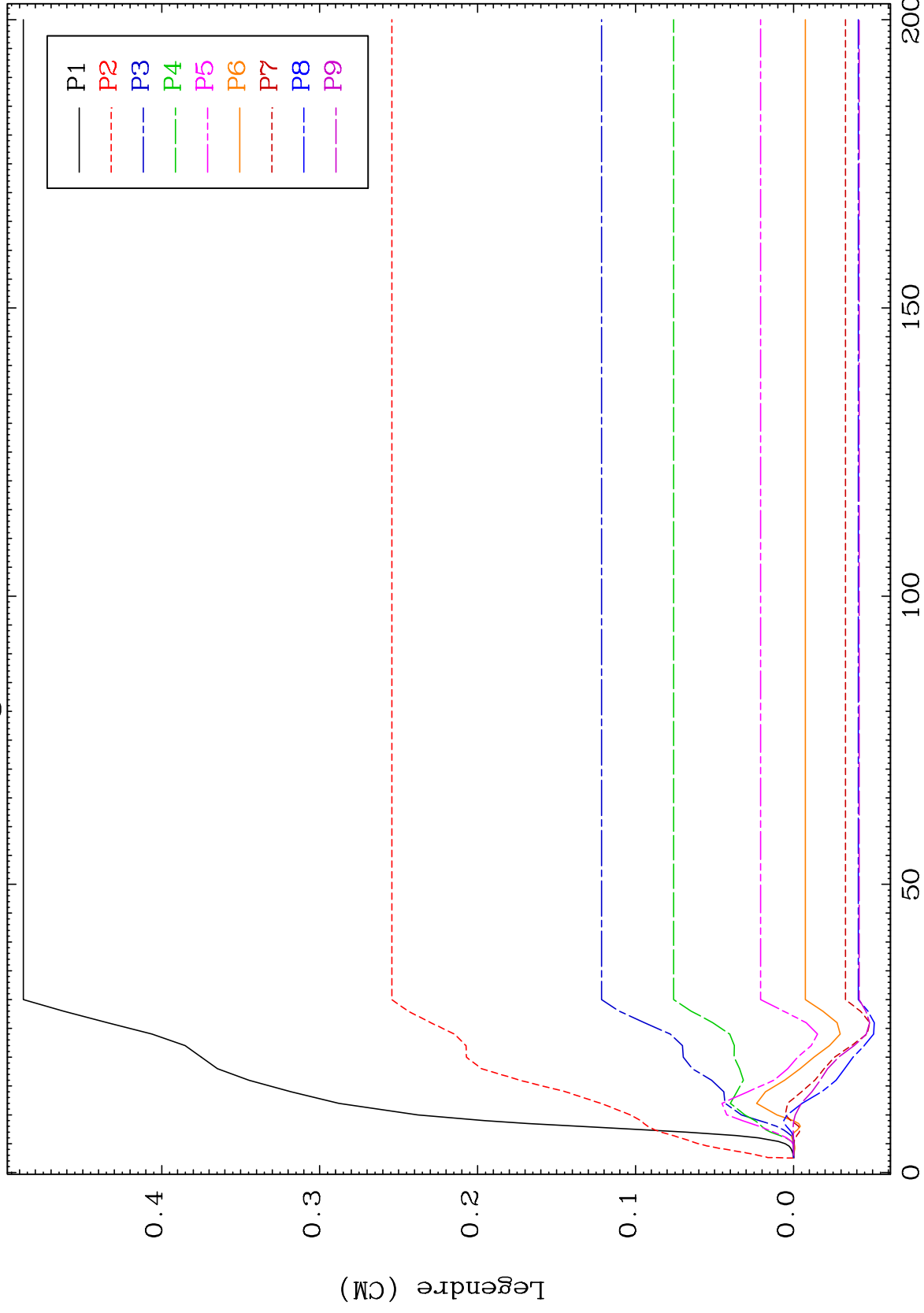




MAT 3931

2.471 MeV (n,n') Level
Legendre Coefficients

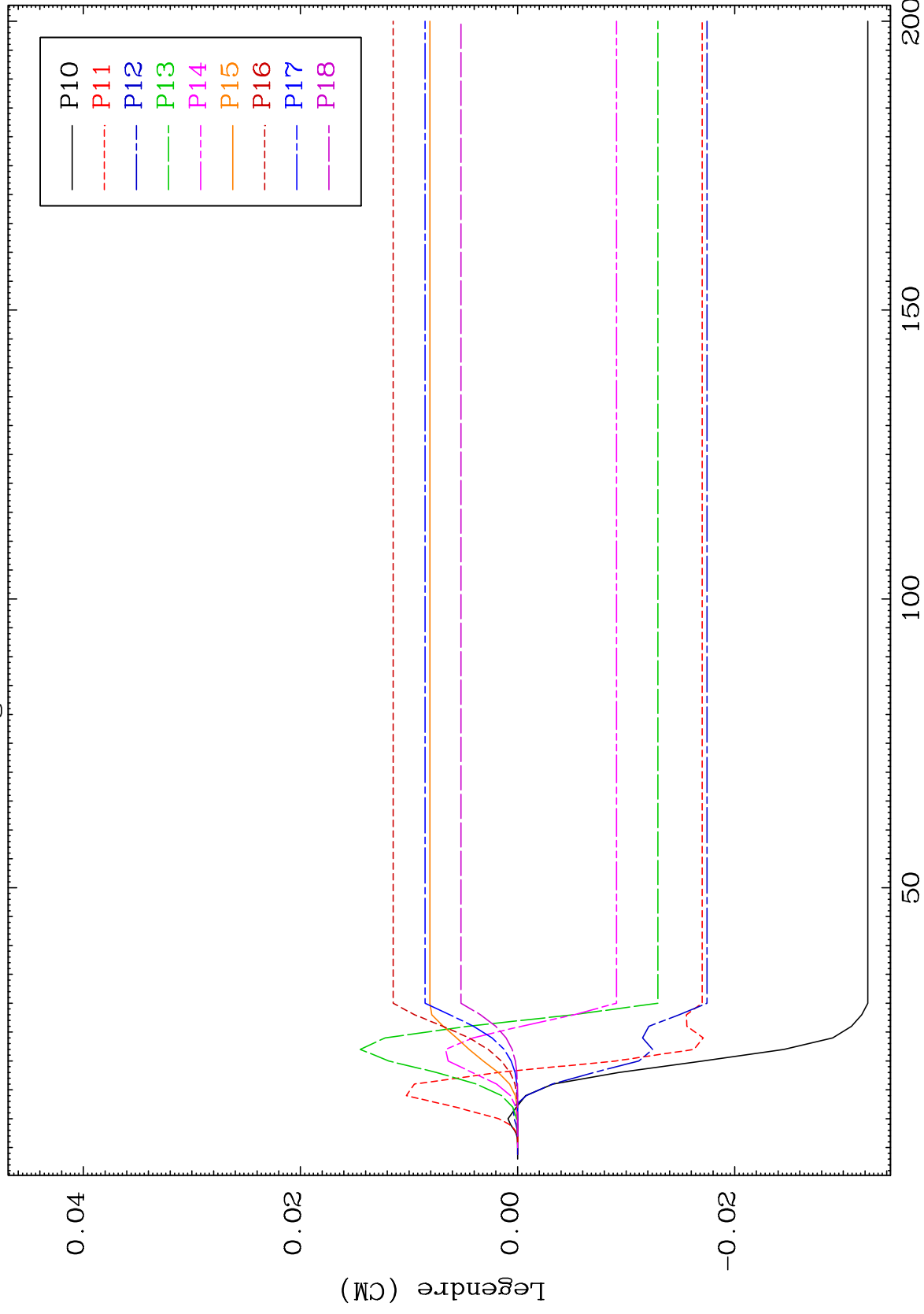
39-Y -91

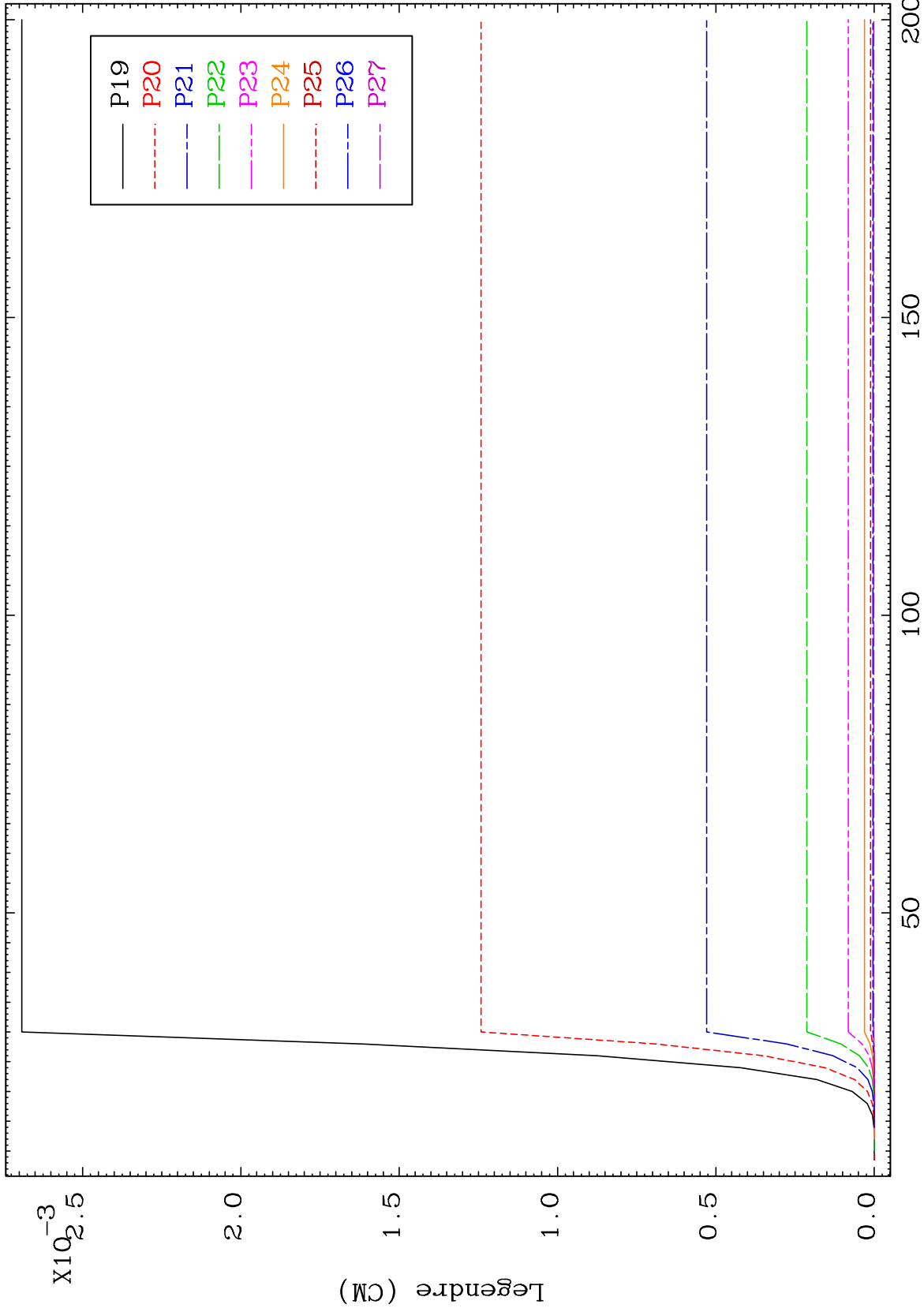


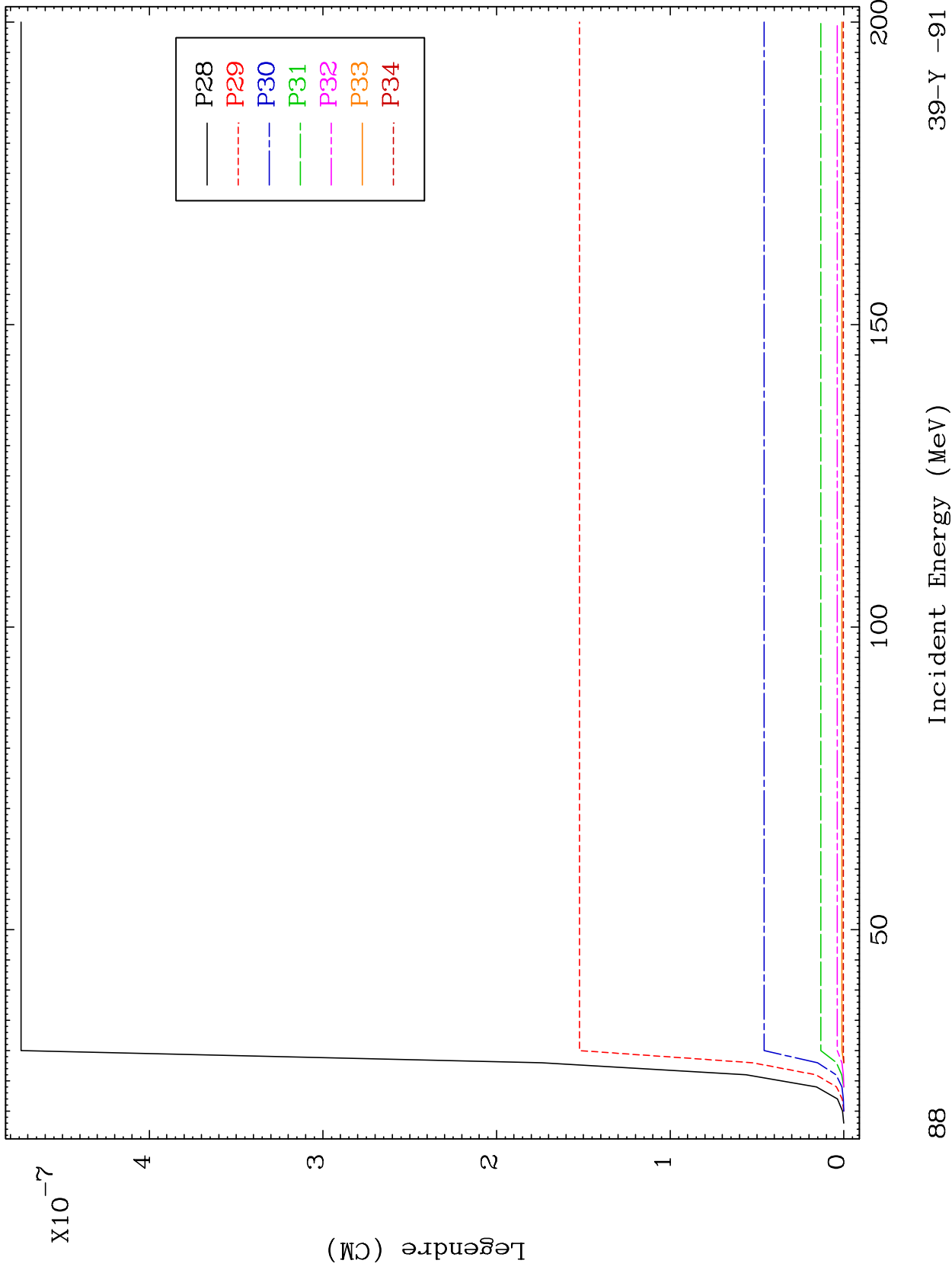
85

Incident Energy (MeV)

39-Y -91



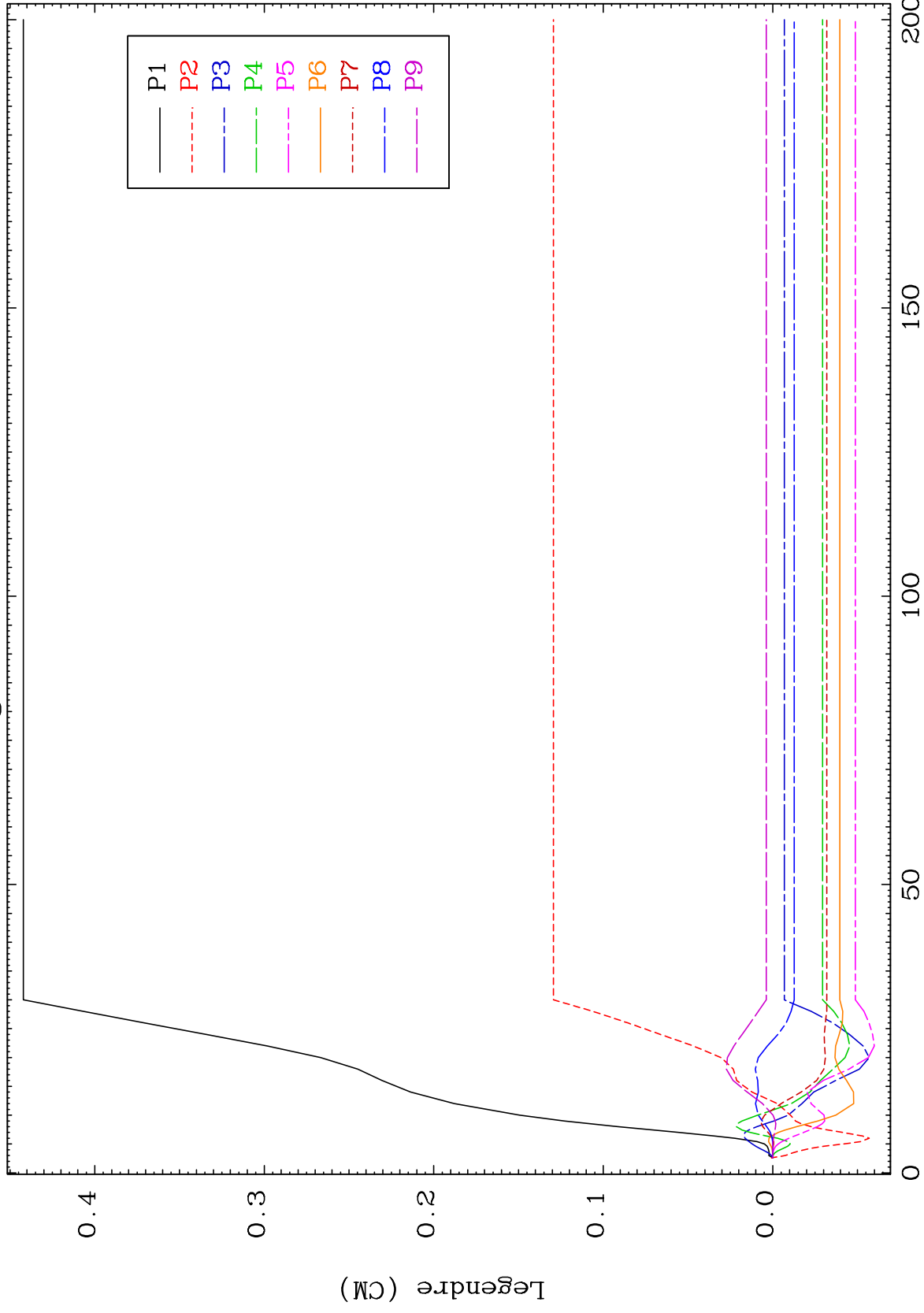




MAT 3931

2.530 MeV (n,n') Level
Legendre Coefficients

39-Y -91



89

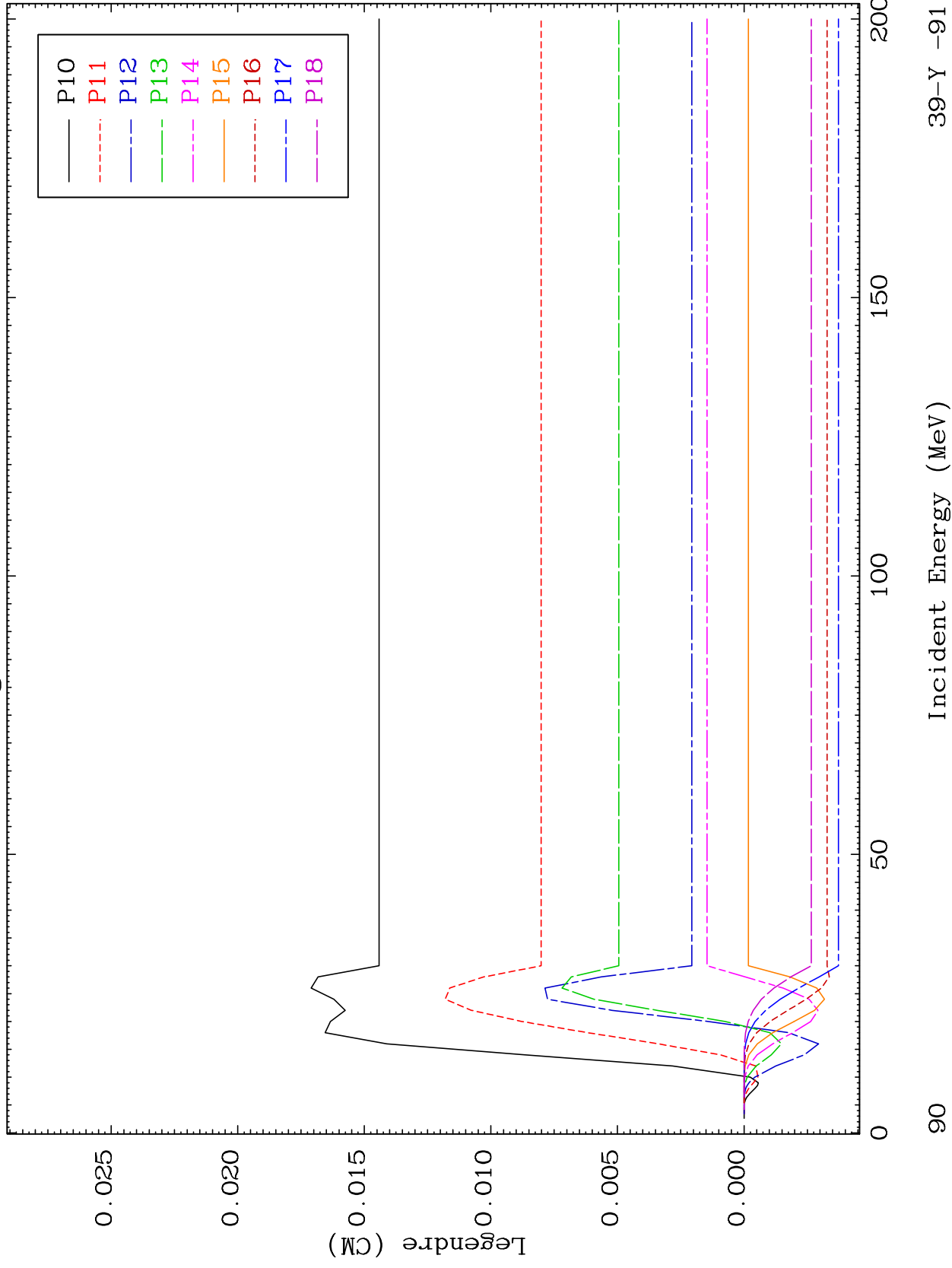
Incident Energy (MeV)

39-Y -91

MAT 3931

2.530 MeV (n,n') Level
Legendre Coefficients

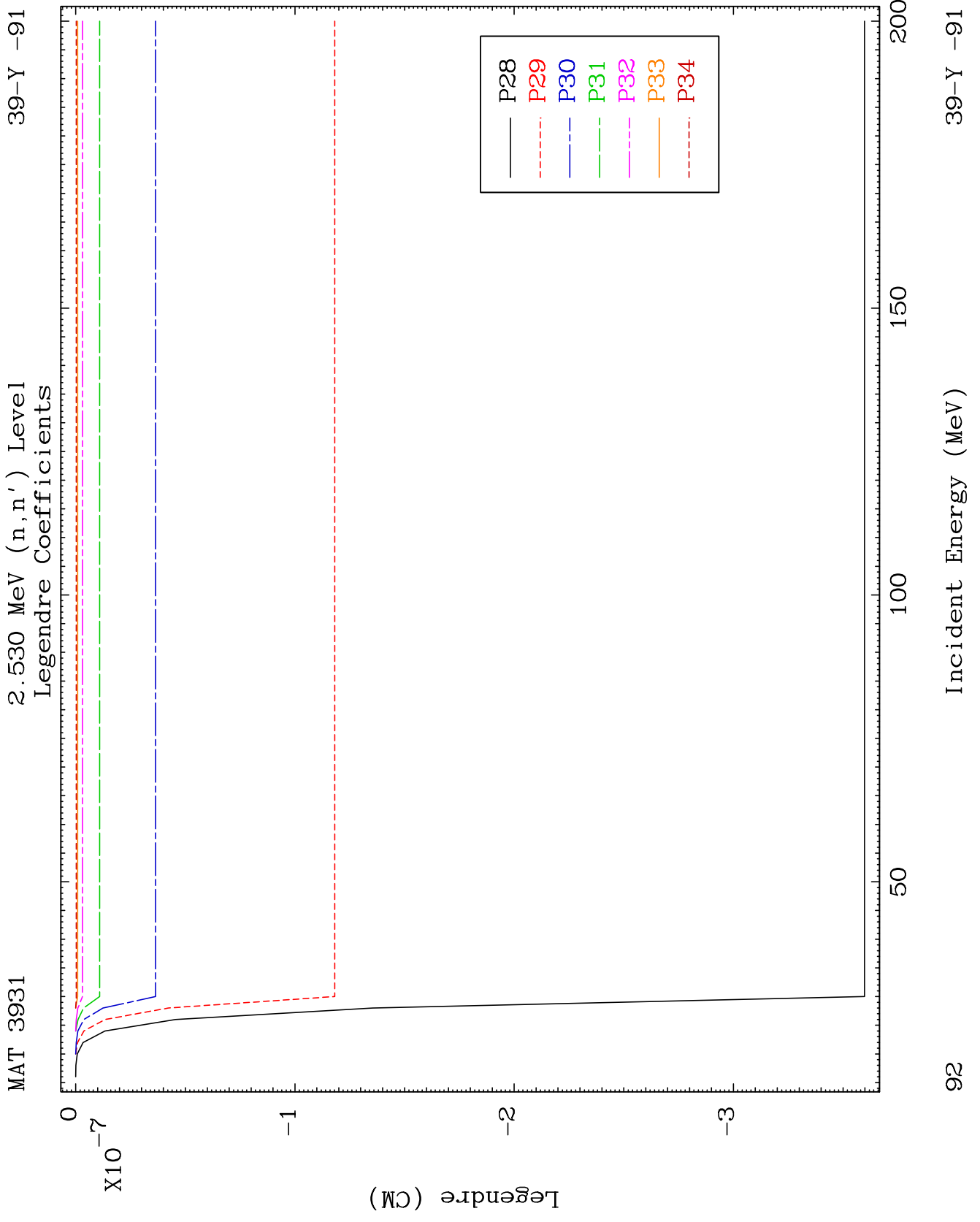
39-Y -91

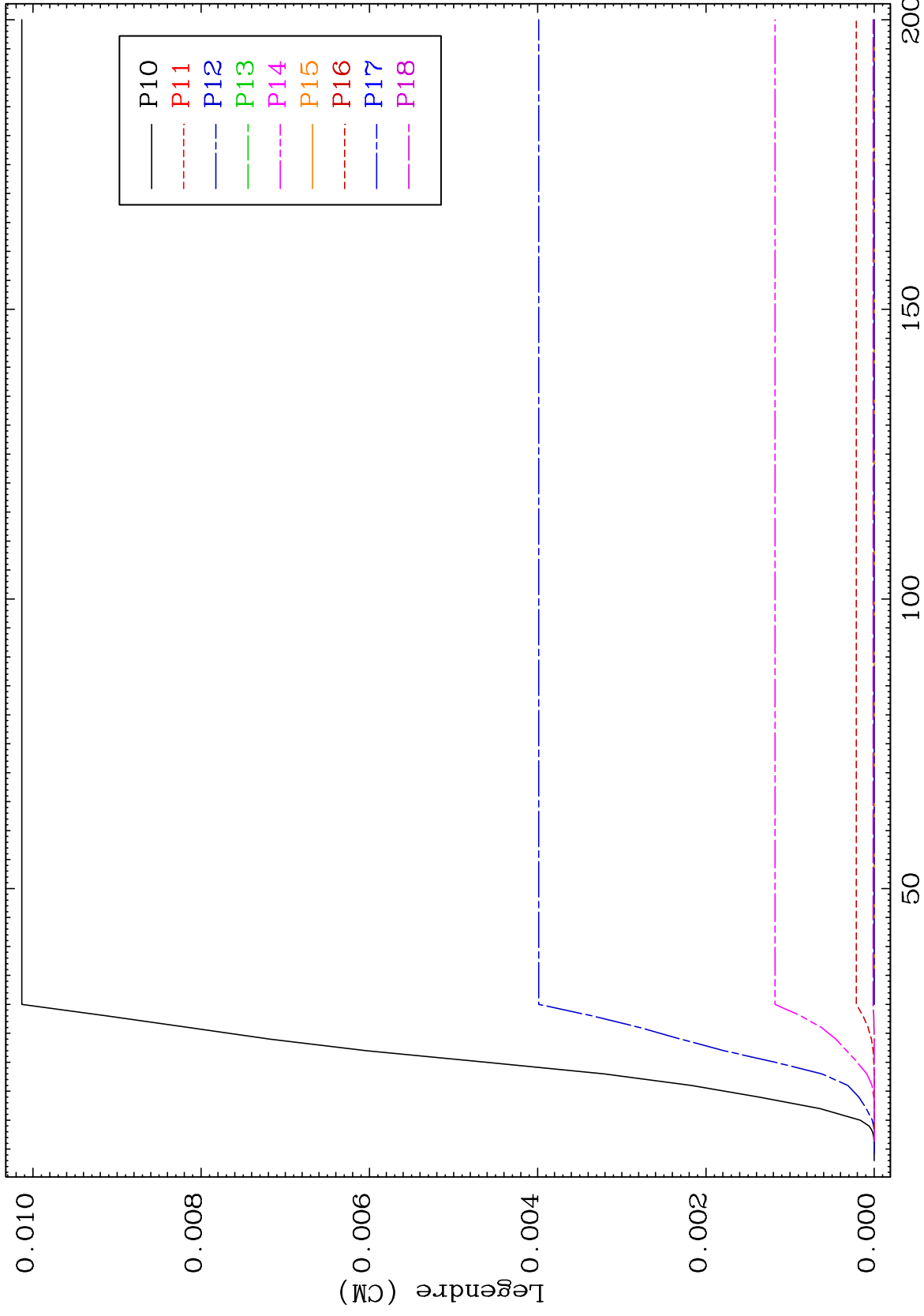


90

Incident Energy (MeV)

39-Y -91

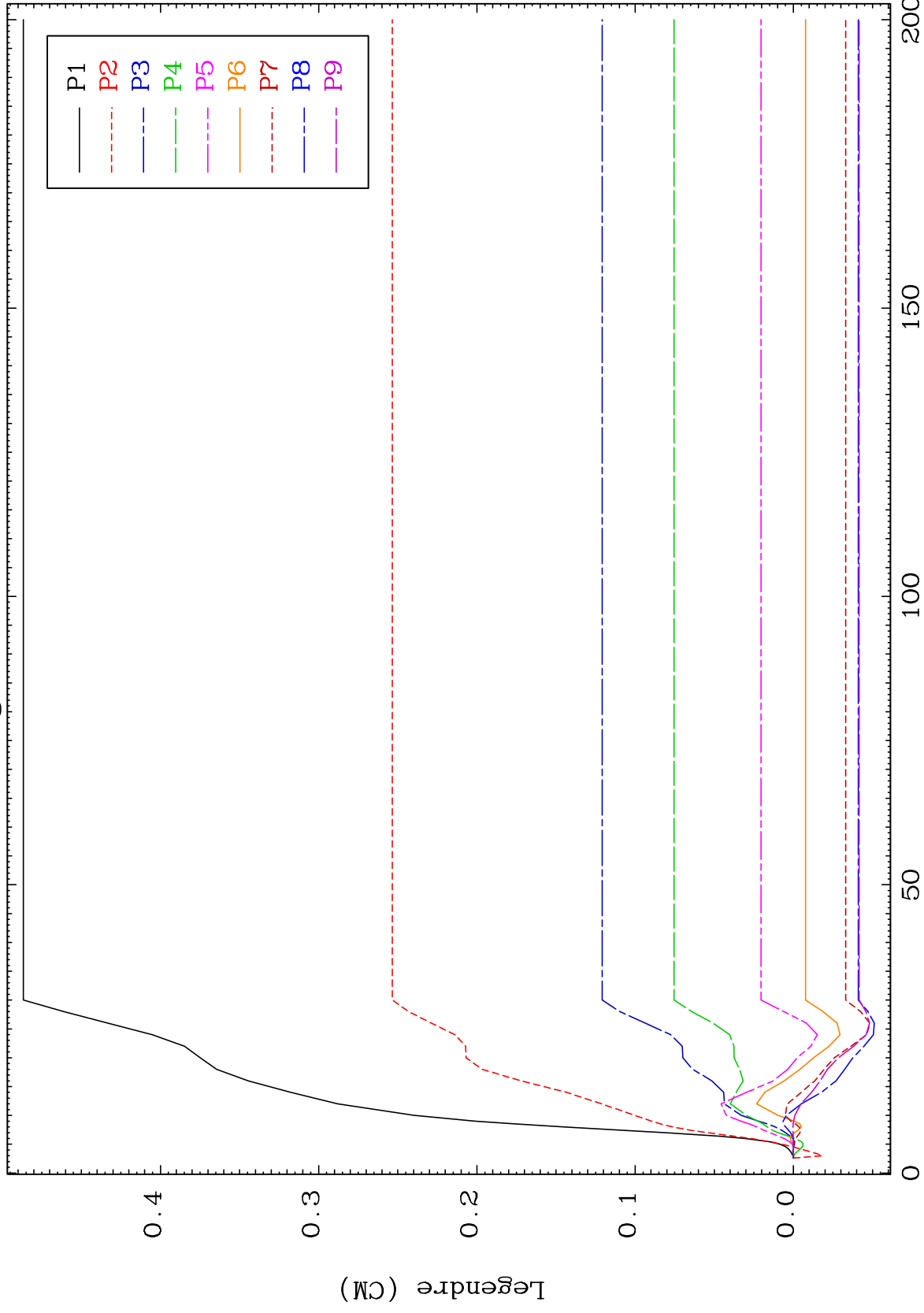




MAT 3931

2.572 MeV (n,n') Level
Legendre Coefficients

39-Y -91



96

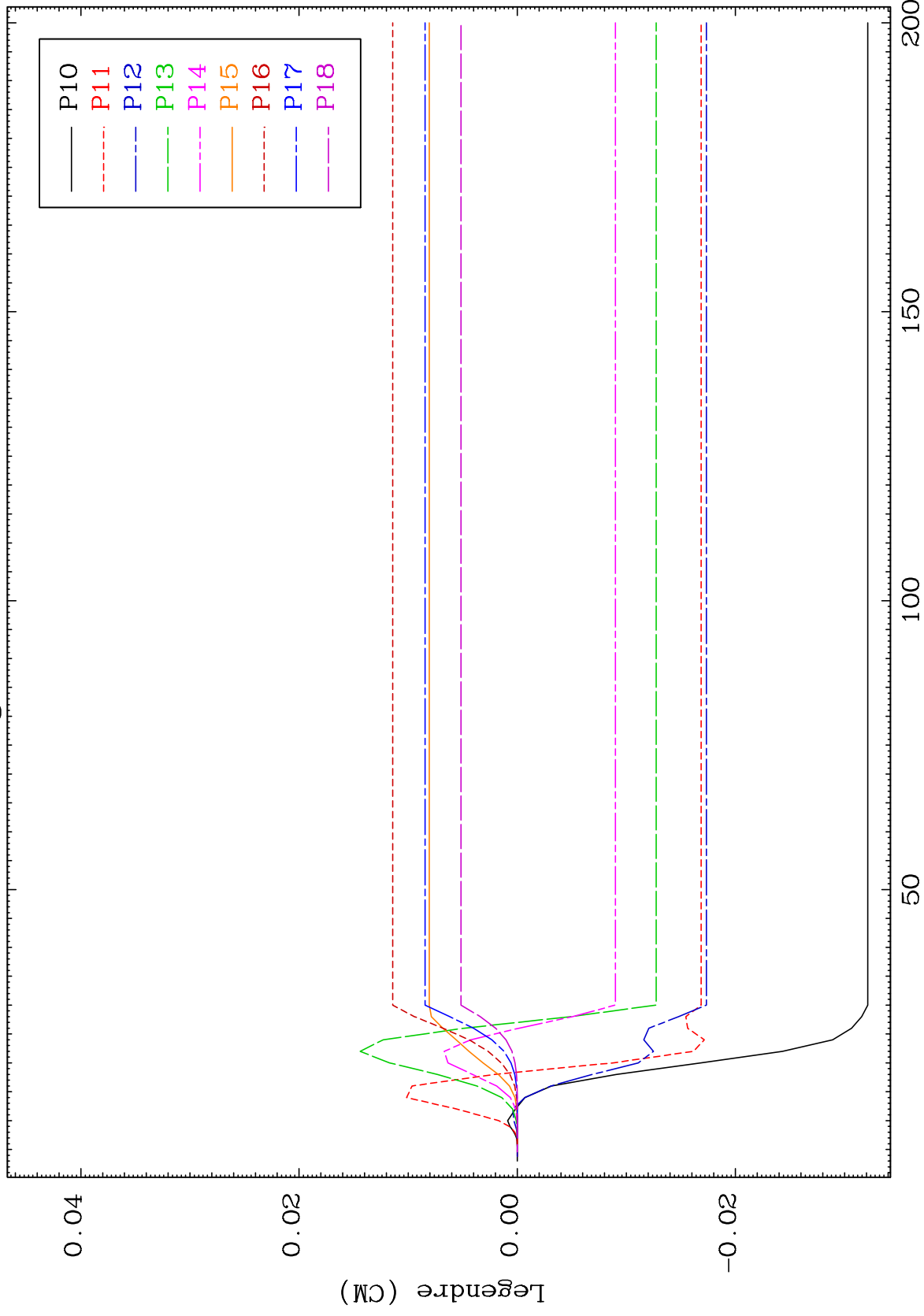
Incident Energy (MeV)

39-Y -91

MAT 3931

2.572 MeV (n,n') Level
Legendre Coefficients

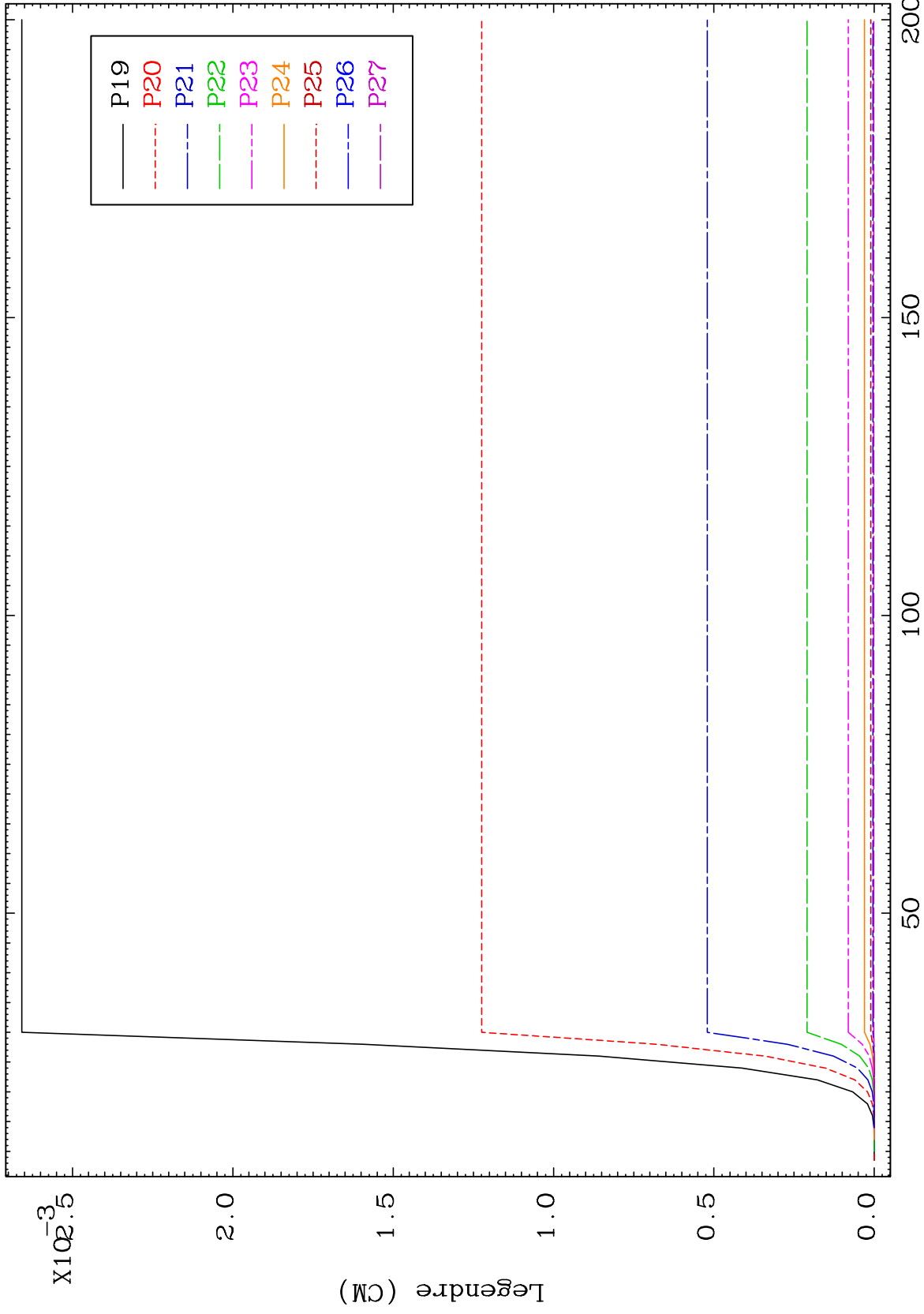
39-Y -91



97

Incident Energy (MeV)

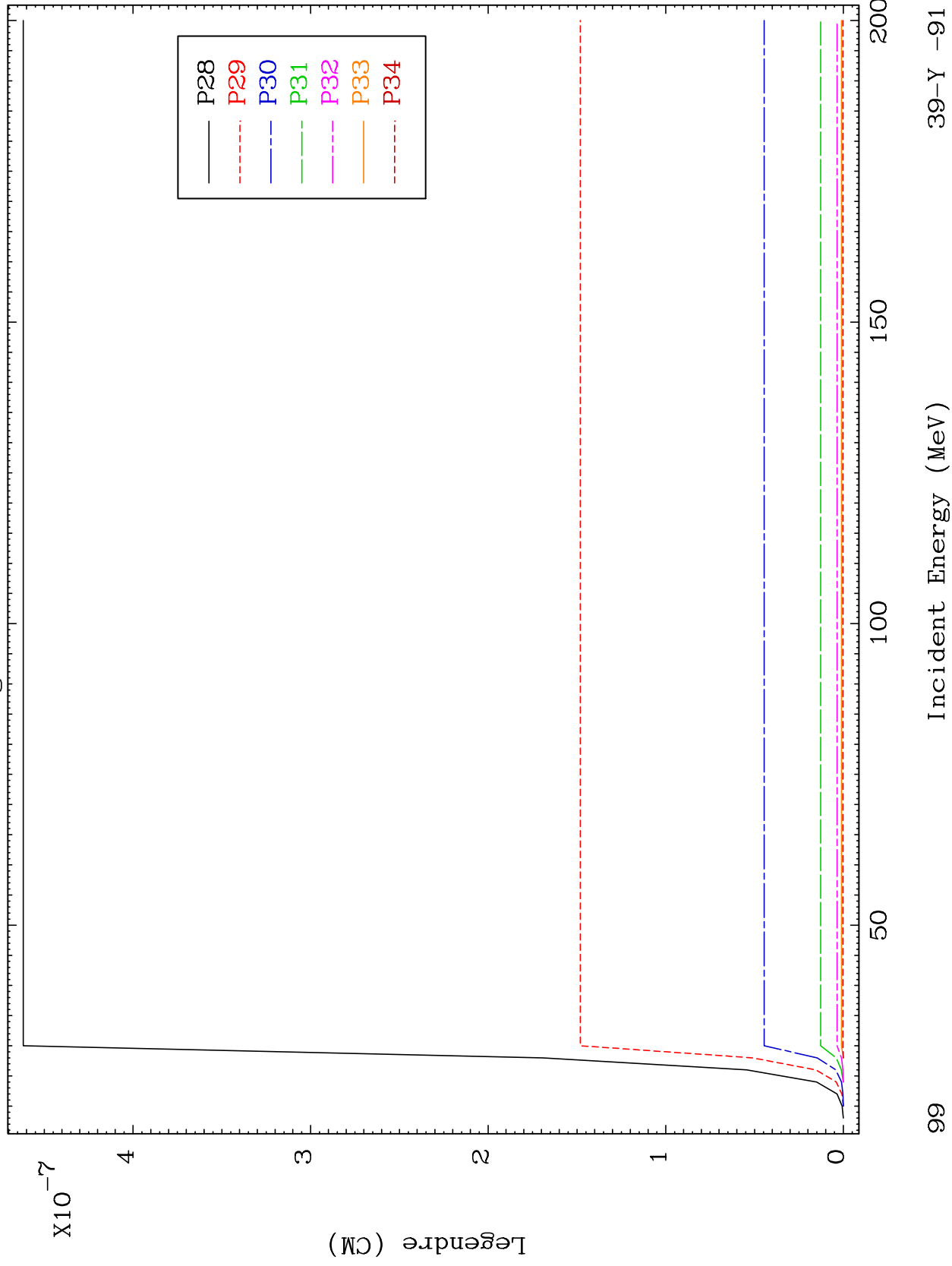
39-Y -91



MAT 3931

2.572 MeV (n,n') Level
Legendre Coefficients

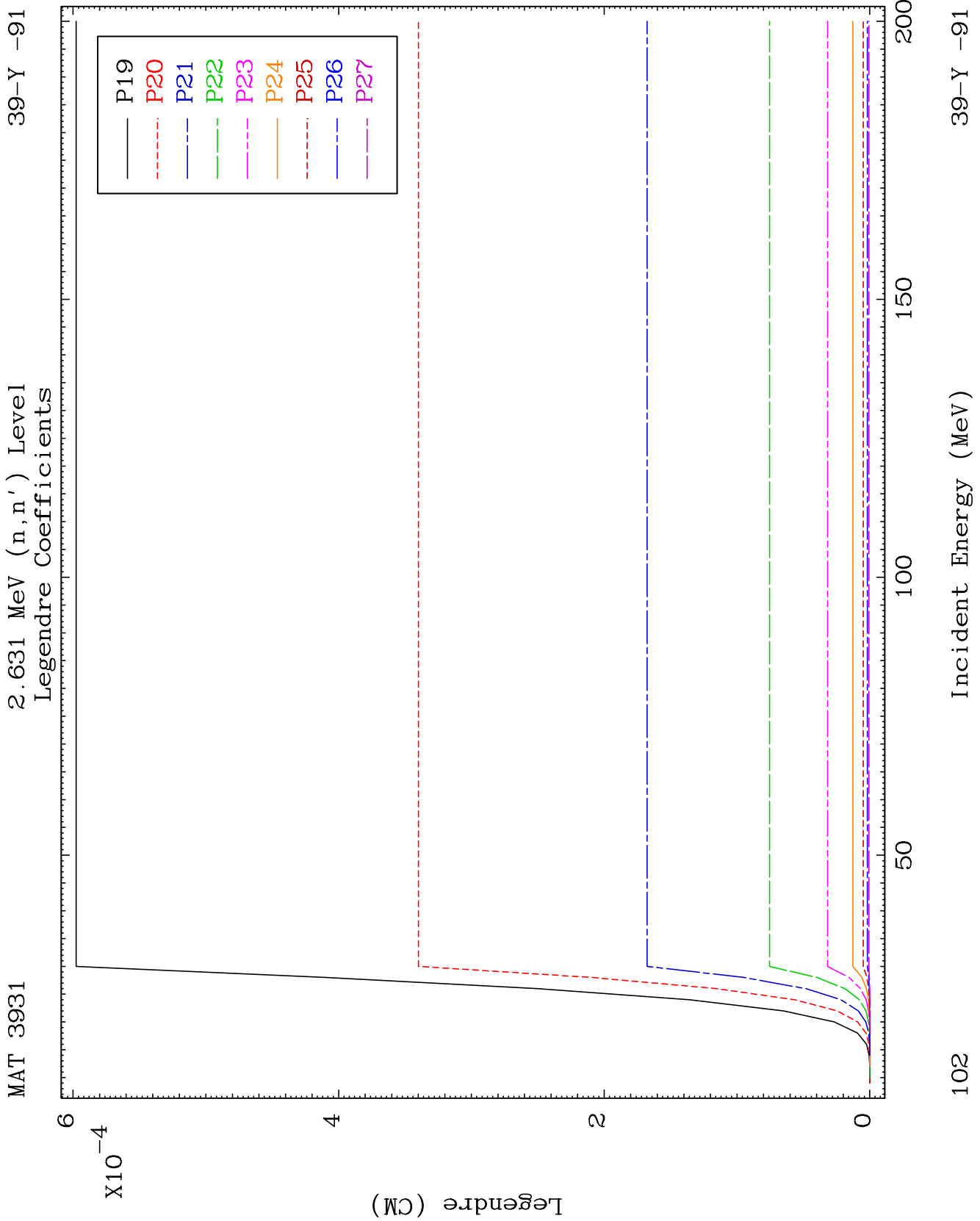
39-Y -91



99

Incident Energy (MeV)

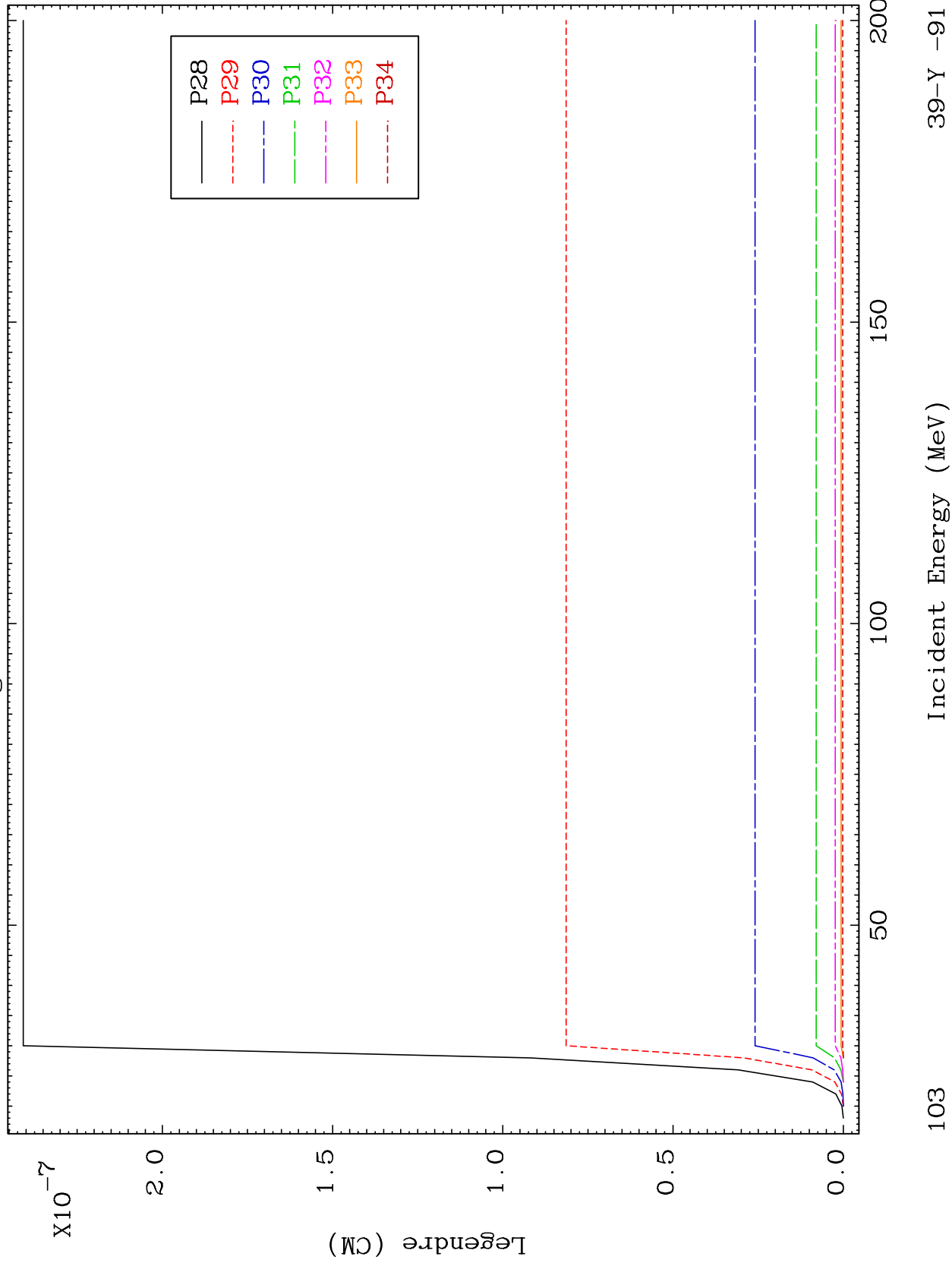
39-Y -91



MAT 3931

2.631 MeV (n,n') Level
Legendre Coefficients

39-Y -91



103

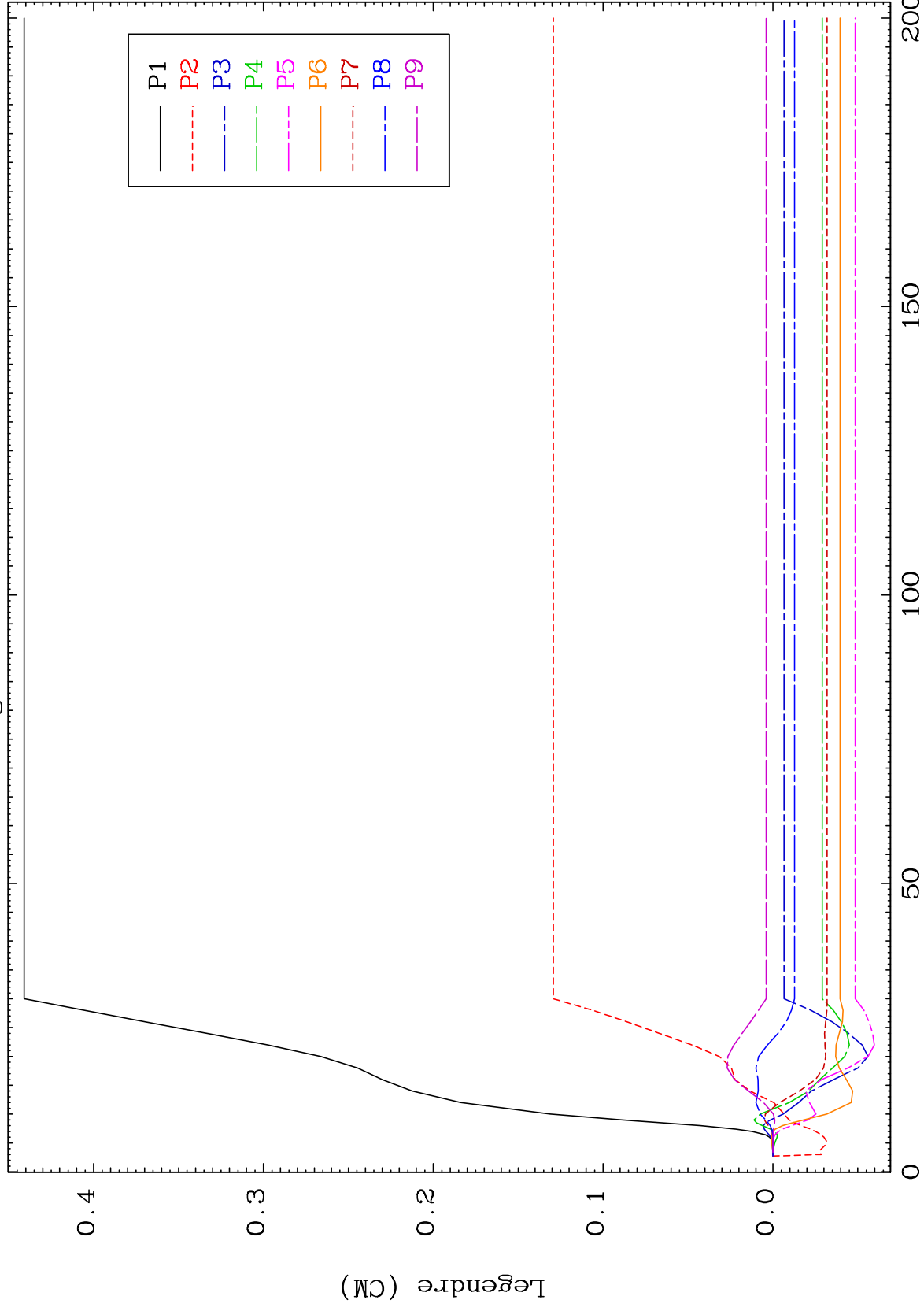
Incident Energy (MeV)

39-Y -91

MAT 3931

2.689 MeV (n,n') Level
Legendre Coefficients

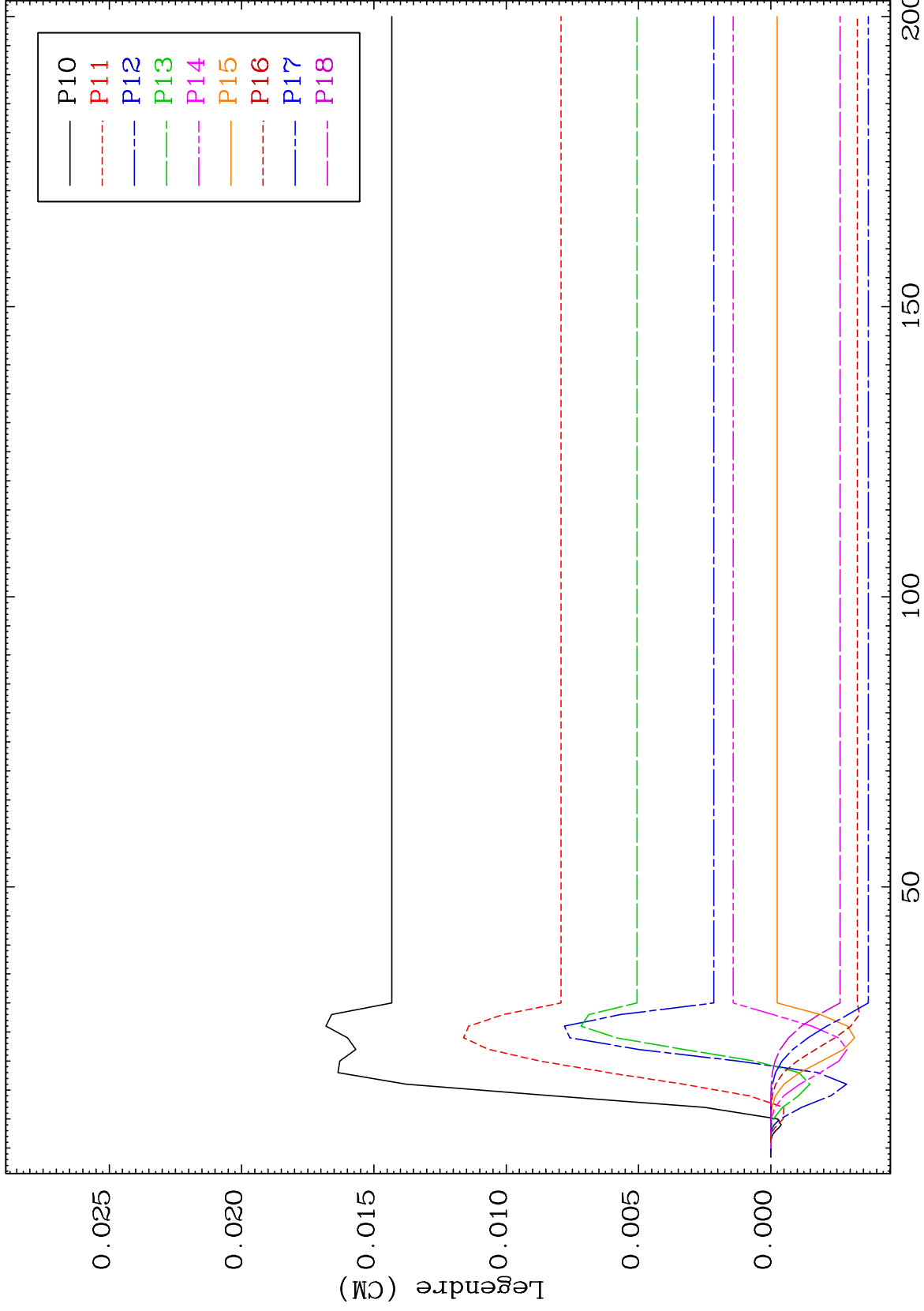
39-Y -91

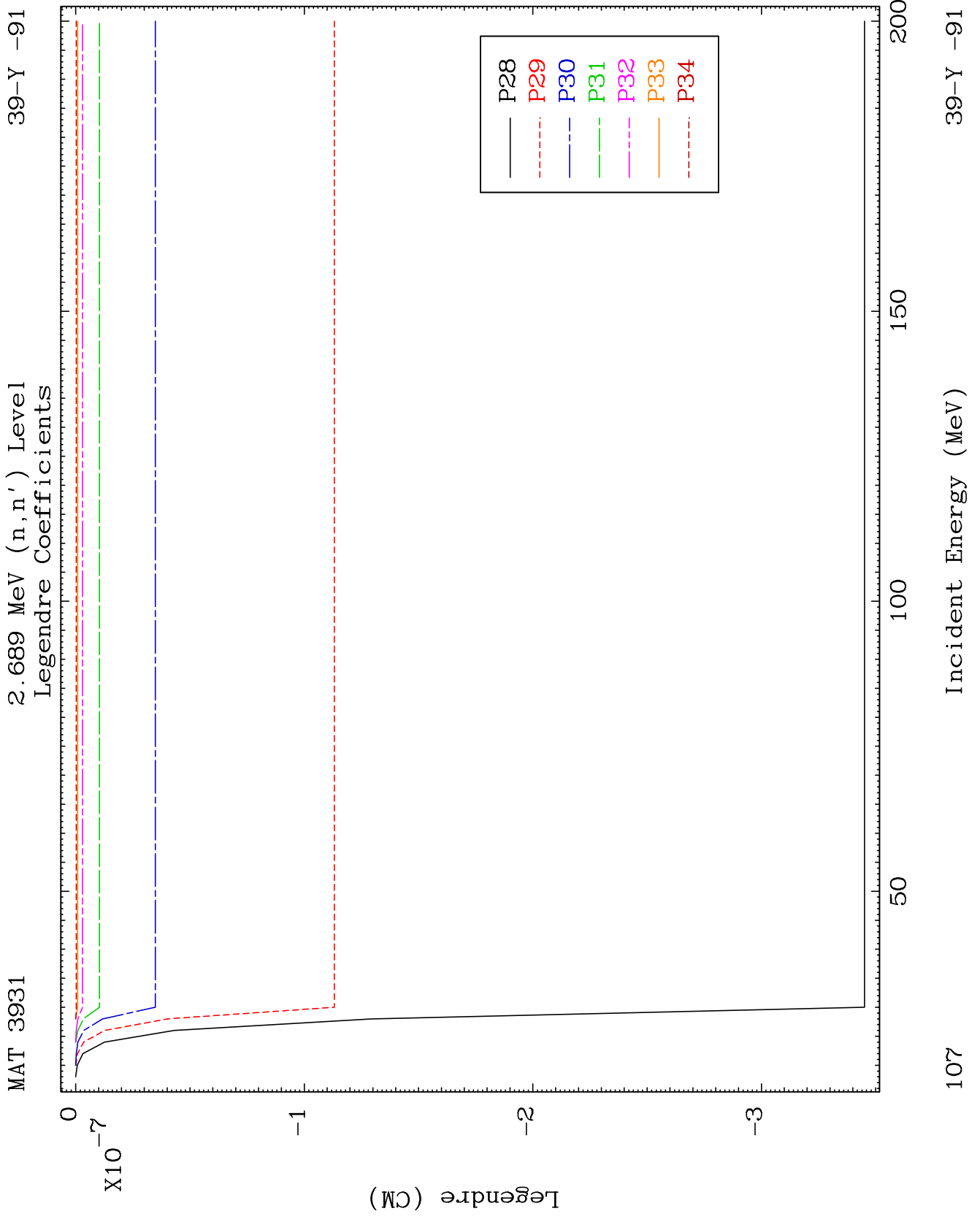


104

Incident Energy (MeV)

39-Y -91

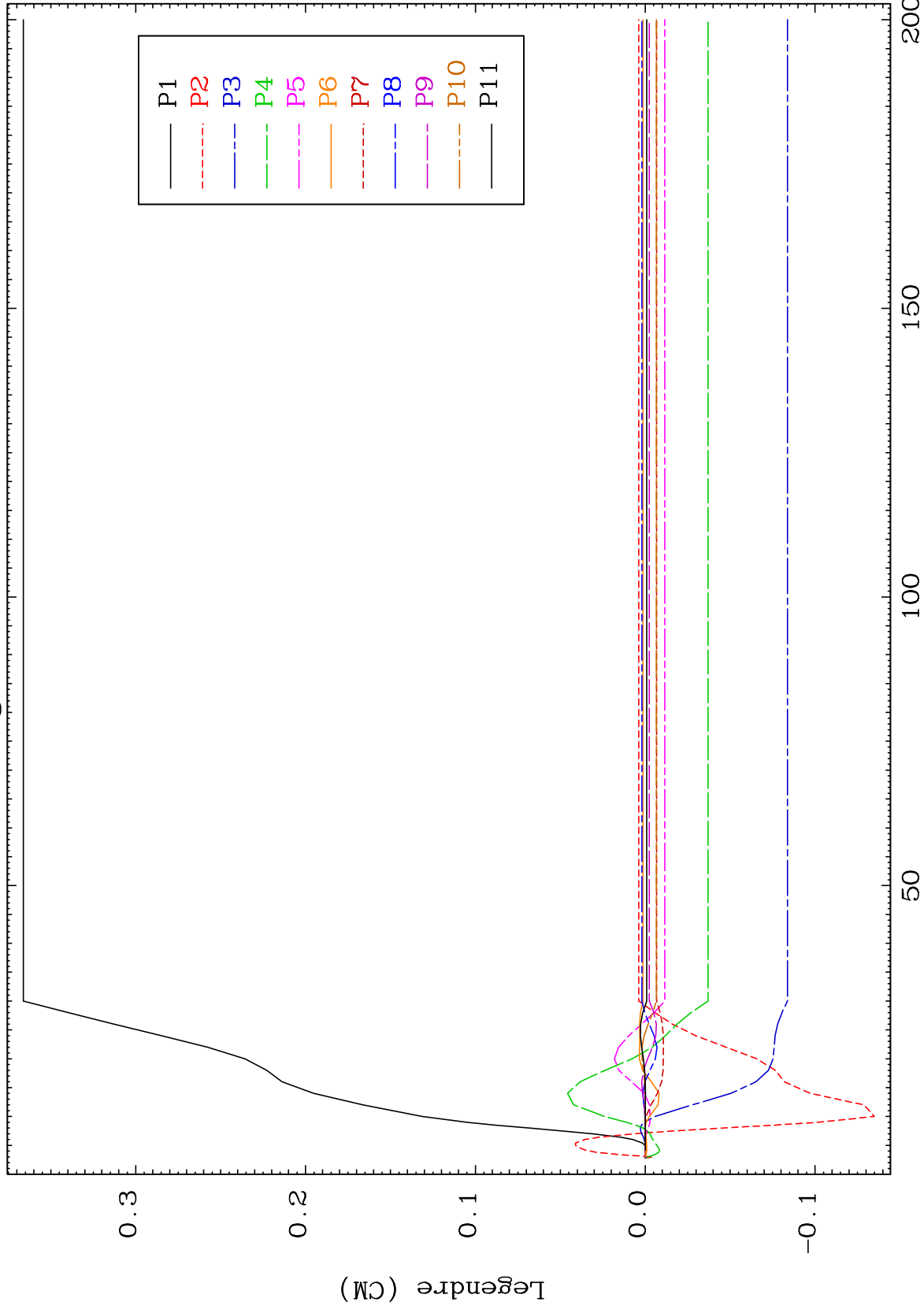




MAT 3931

2.762 MeV (n,n') Level
Legendre Coefficients

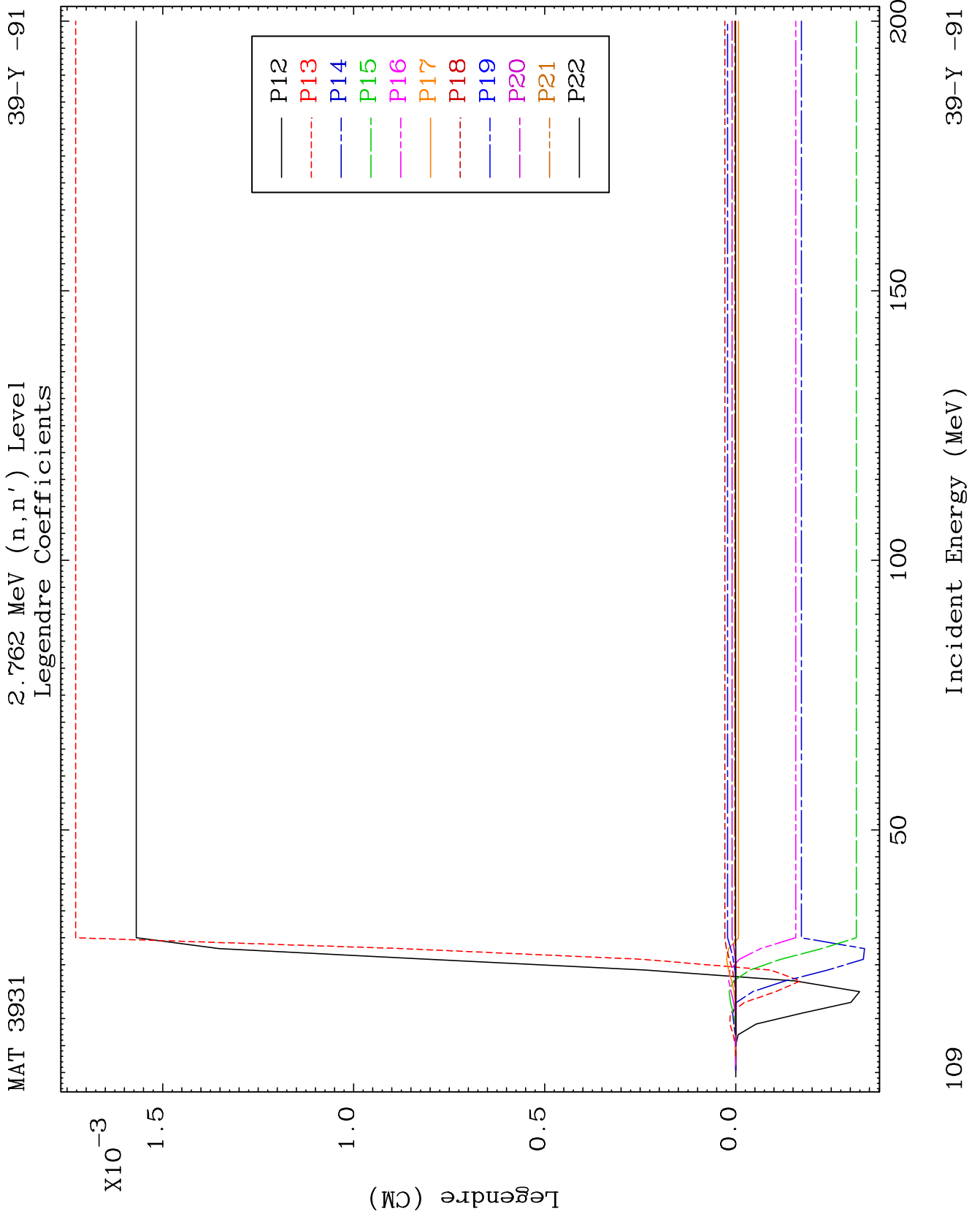
39-Y -91



108

Incident Energy (MeV)

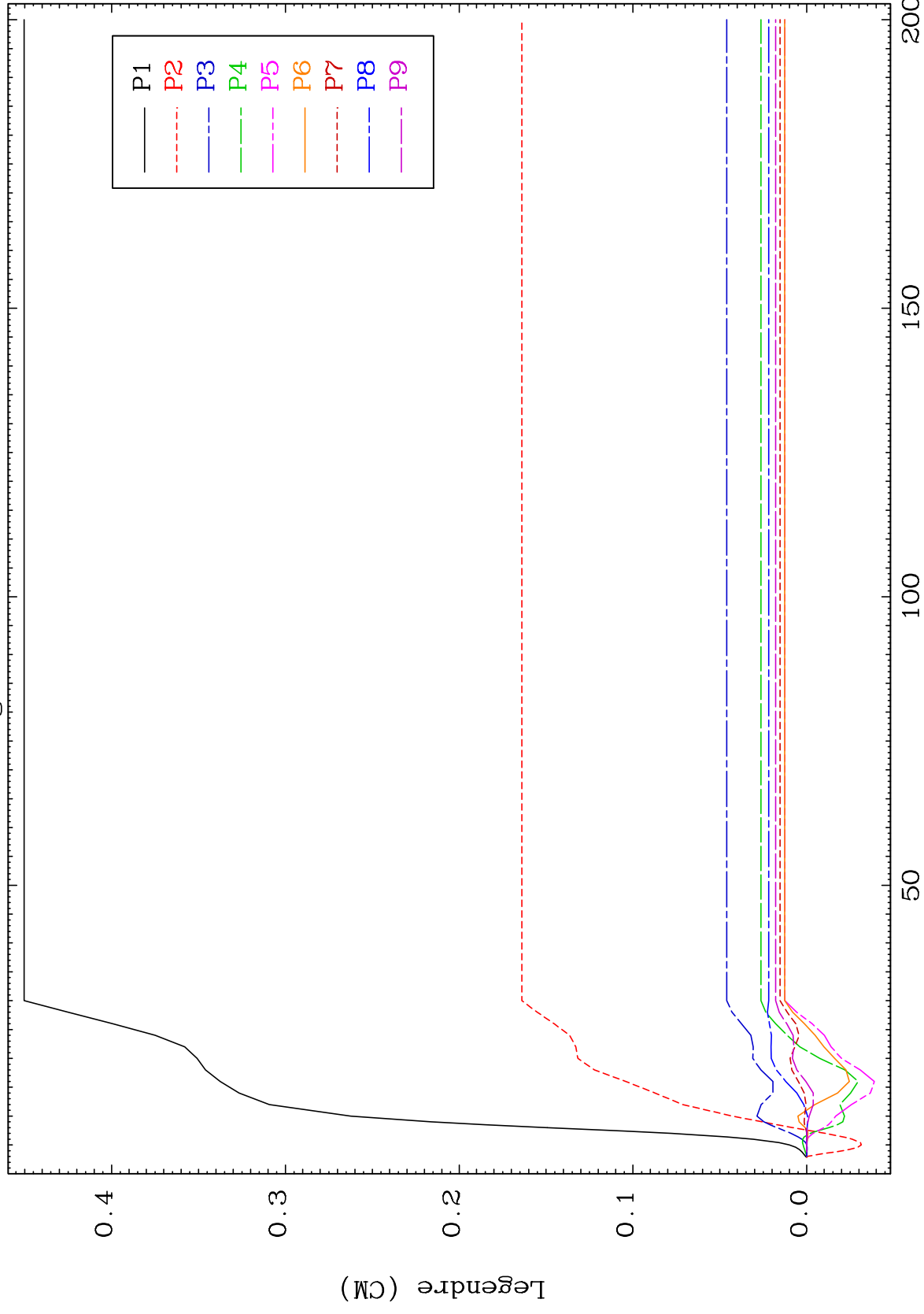
39-Y -91



MAT 3931

2.780 MeV (n,n') Level
Legendre Coefficients

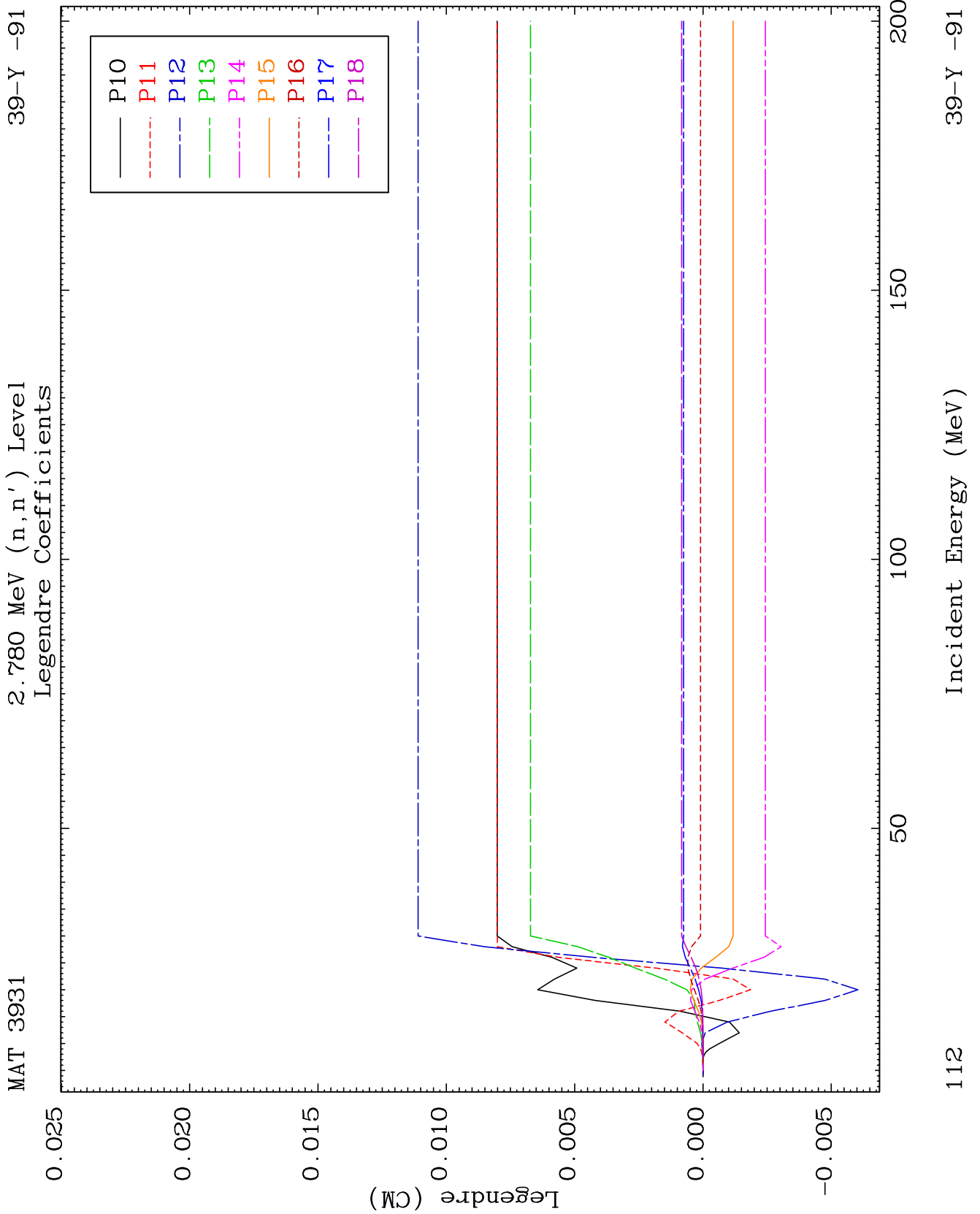
39-Y -91

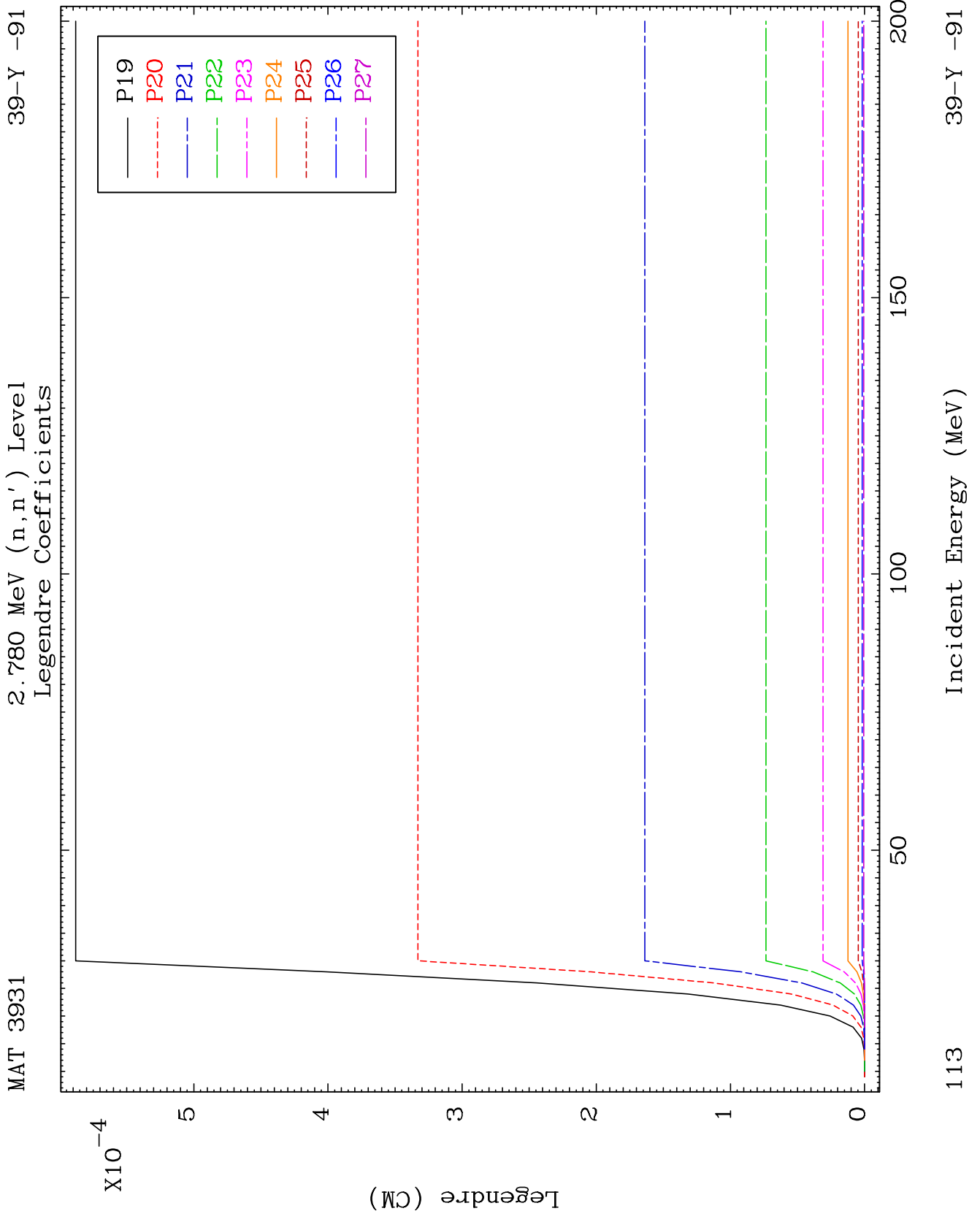


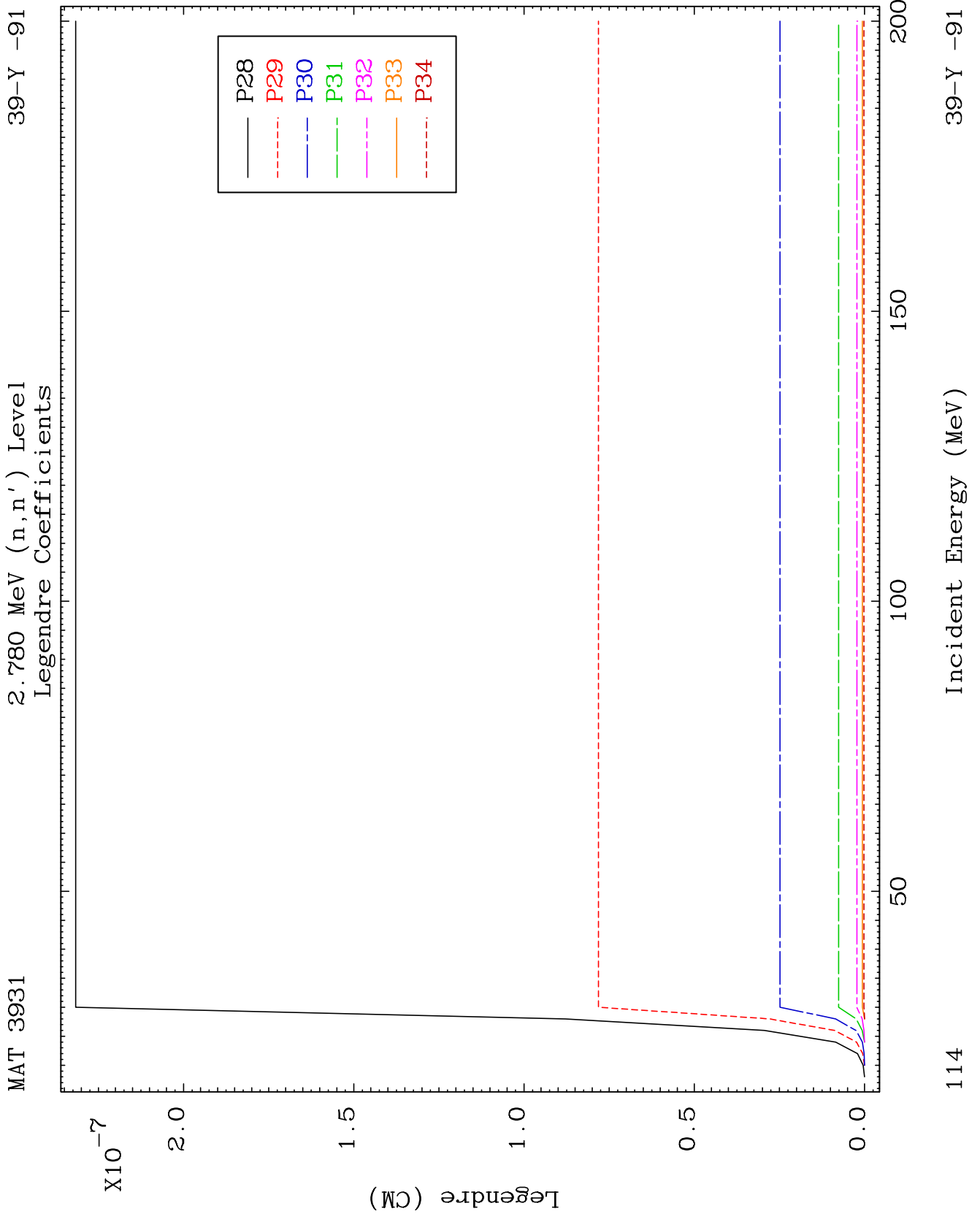
111

Incident Energy (MeV)

39-Y -91



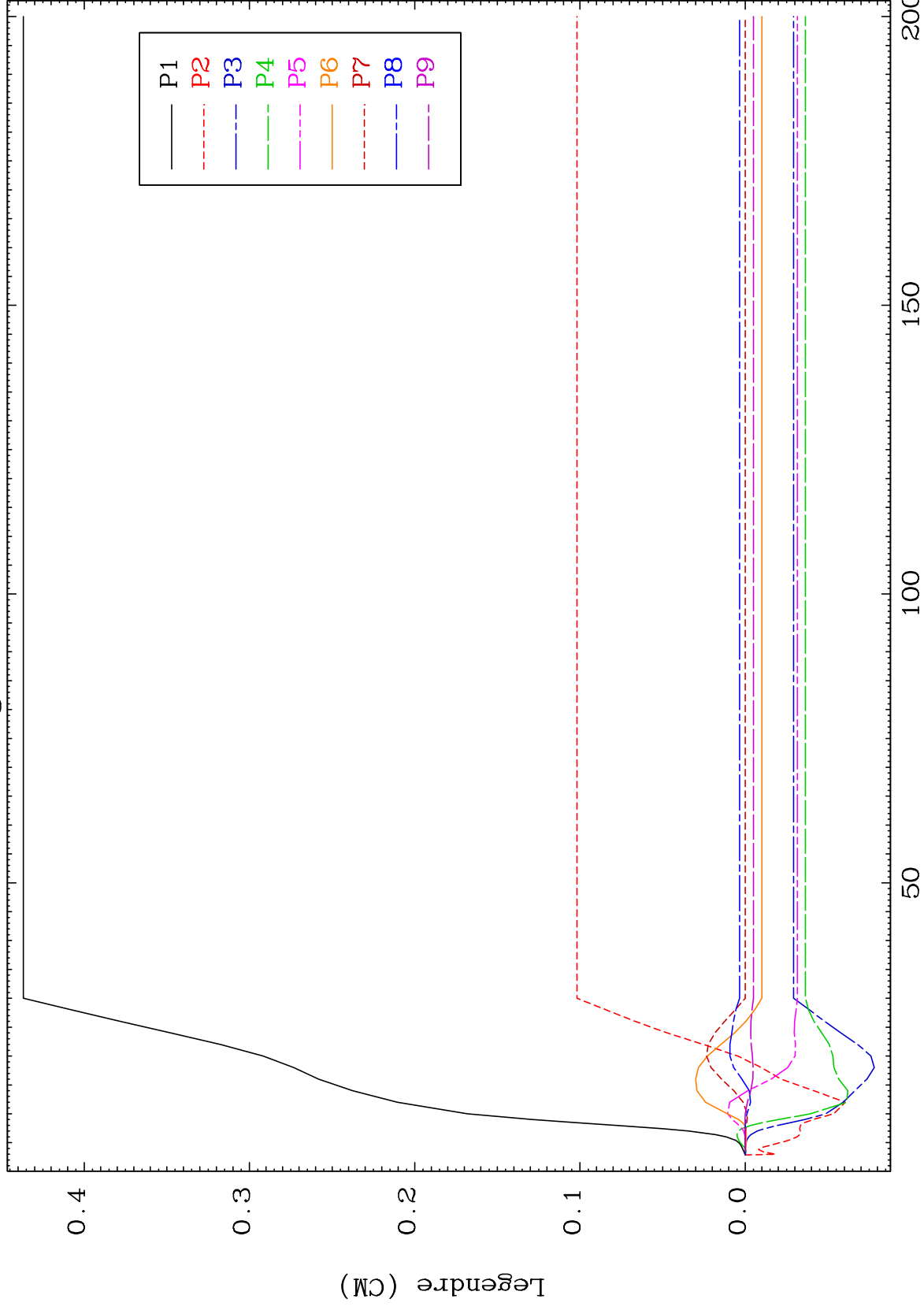




MAT 3931

2.822 MeV (n,n') Level
Legendre Coefficients

39-Y -91



115

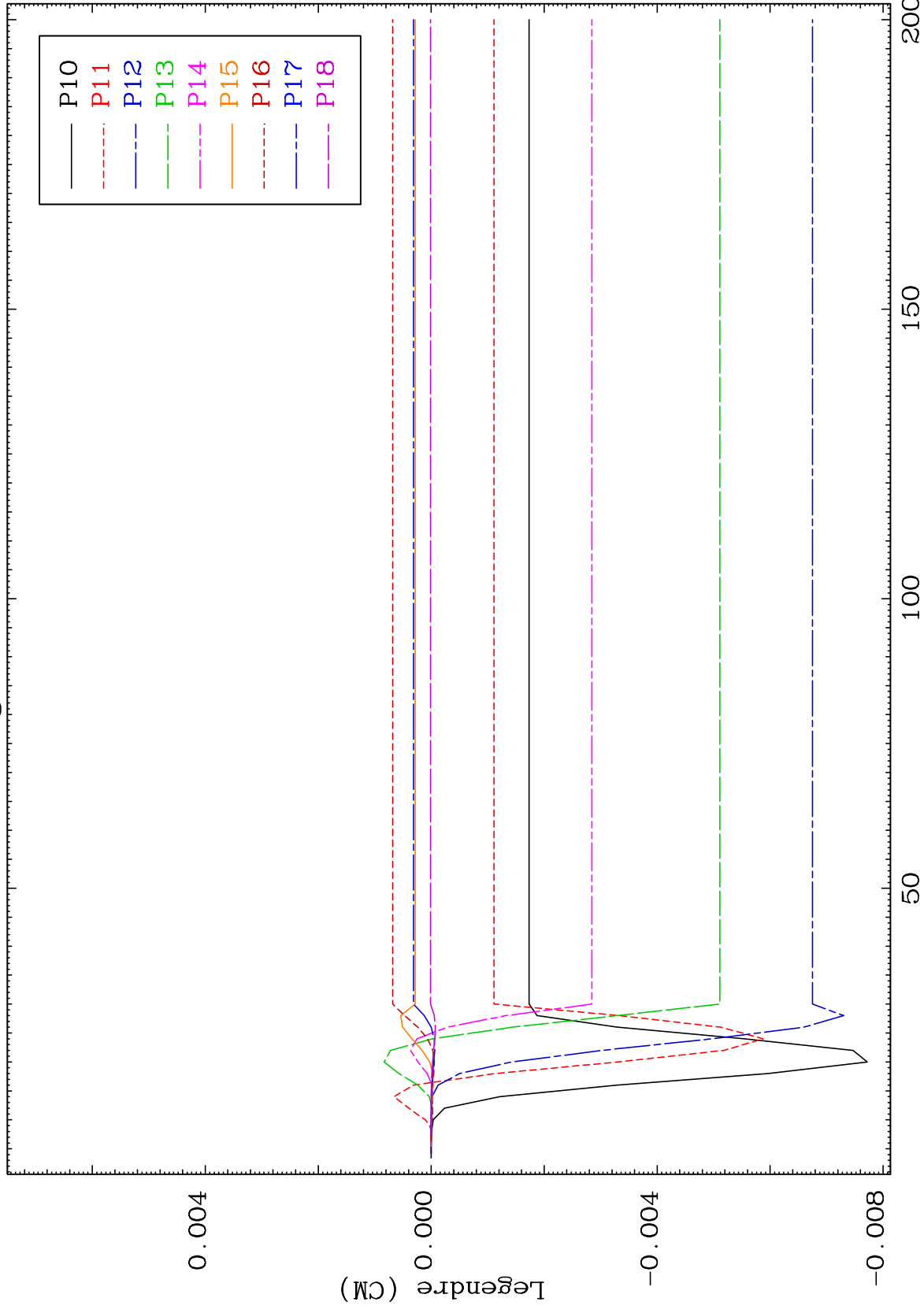
Incident Energy (MeV)

39-Y -91

MAT 3931

2.822 MeV (n,n') Level
Legendre Coefficients

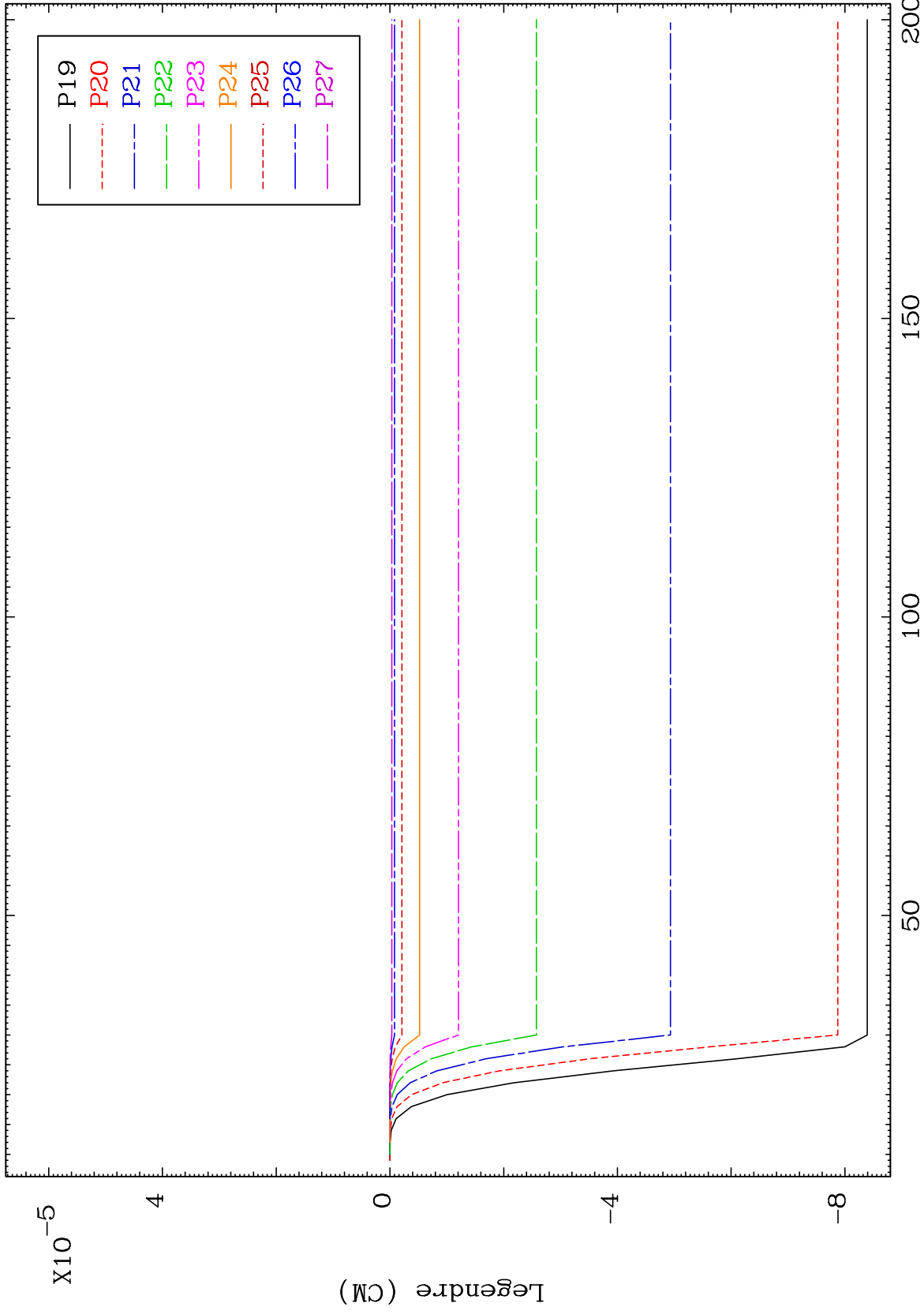
39-Y -91

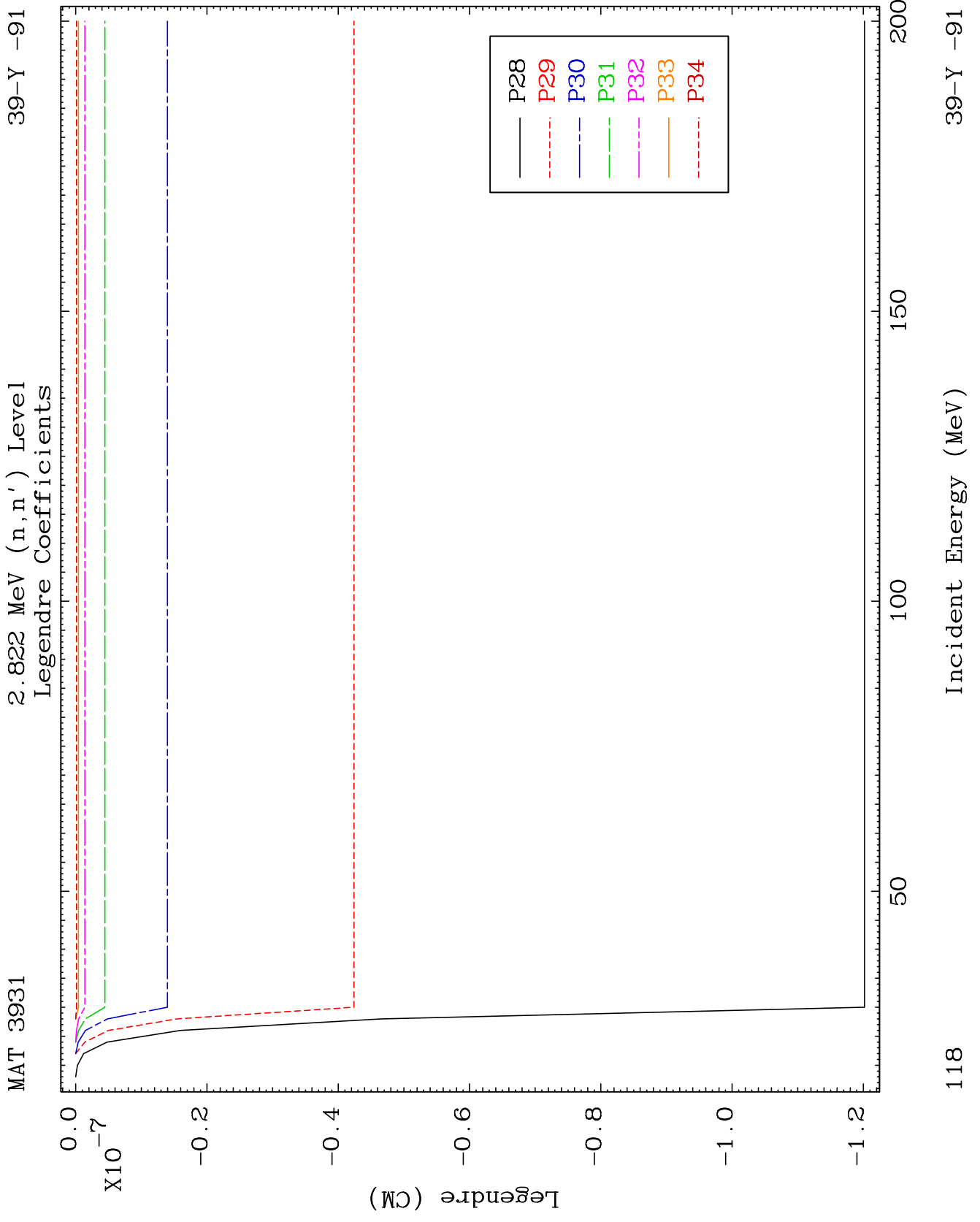


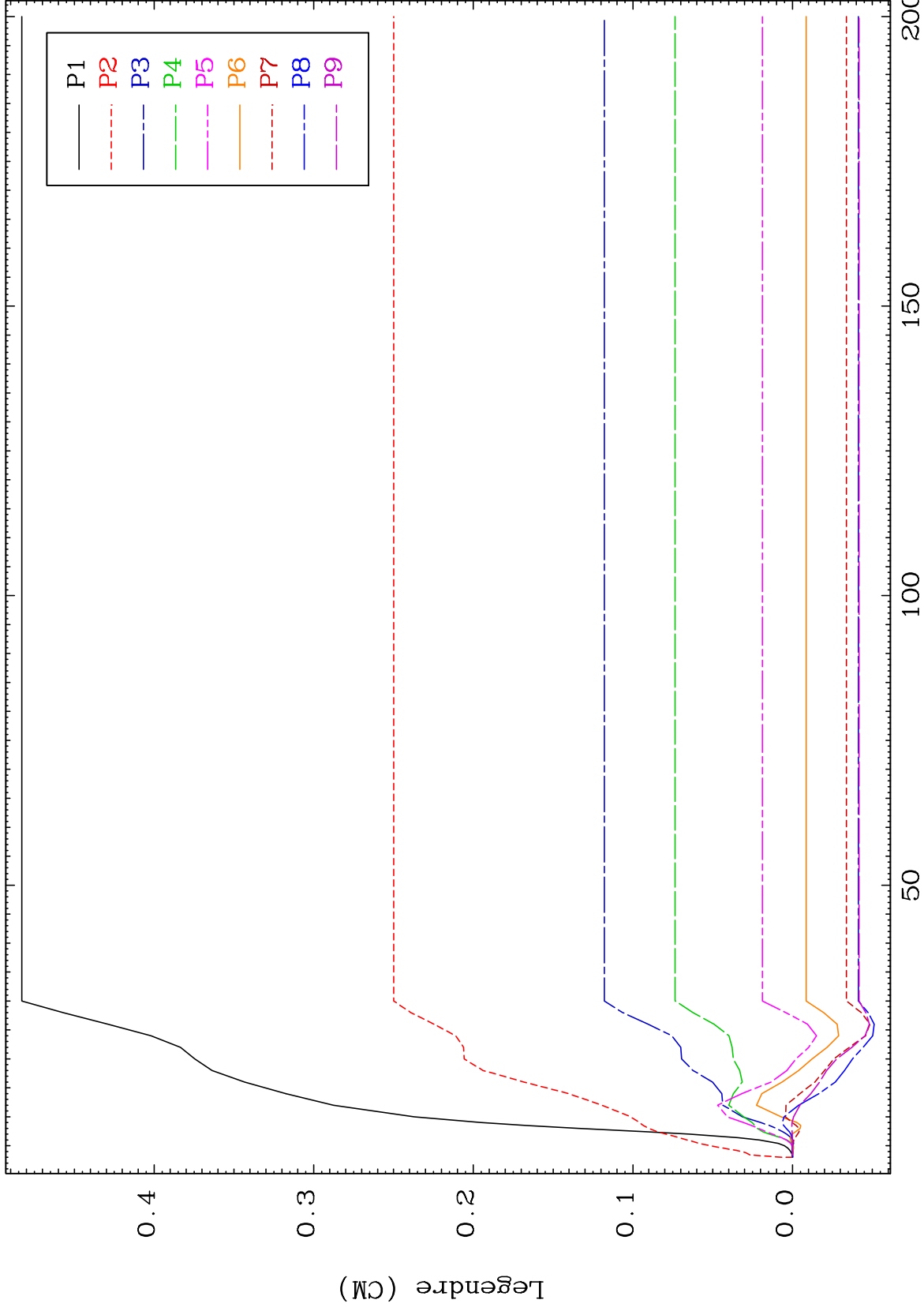
116

Incident Energy (MeV)

39-Y -91



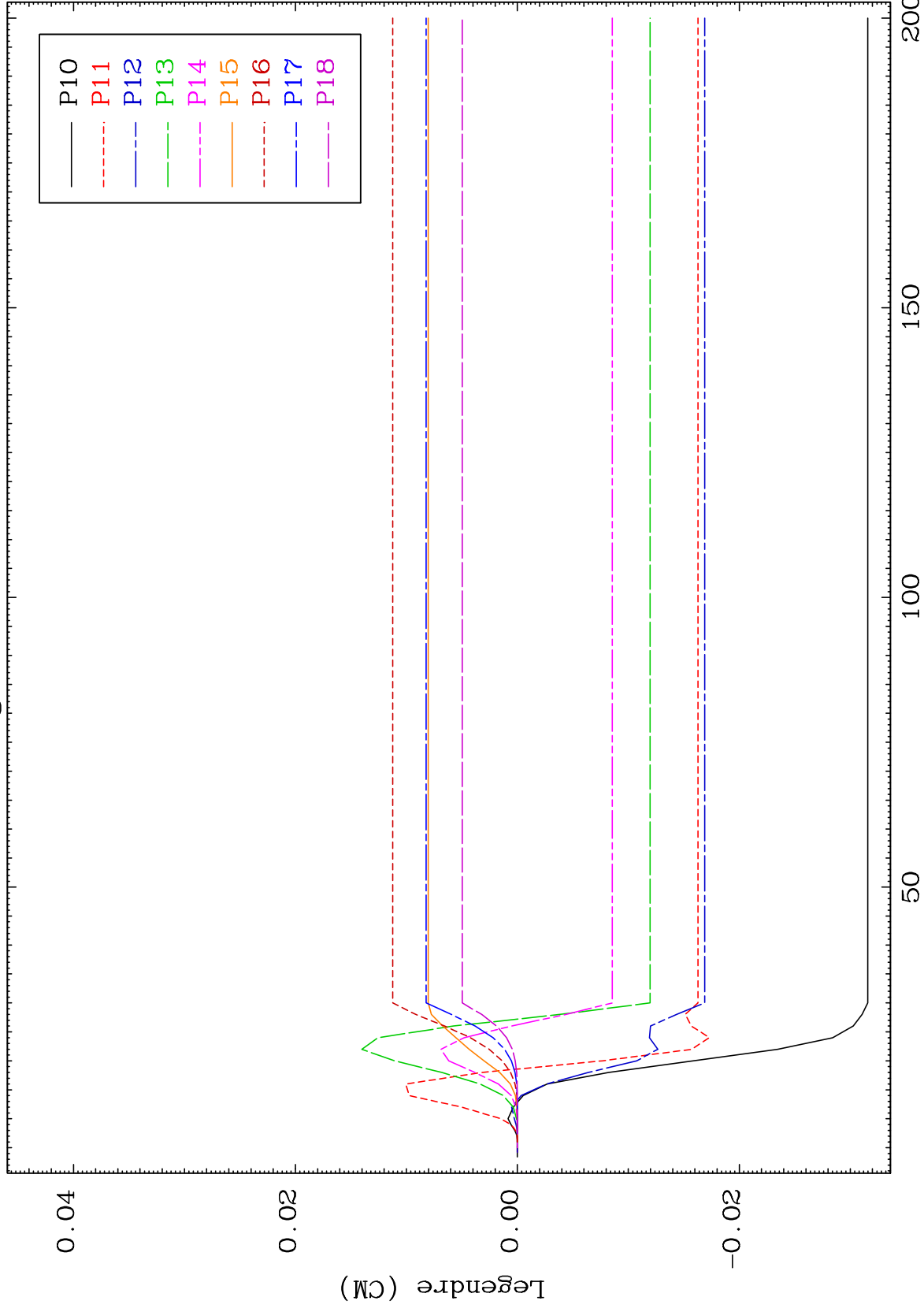




MAT 3931

2.960 MeV (n,n') Level
Legendre Coefficients

39-Y -91



120

Incident Energy (MeV)

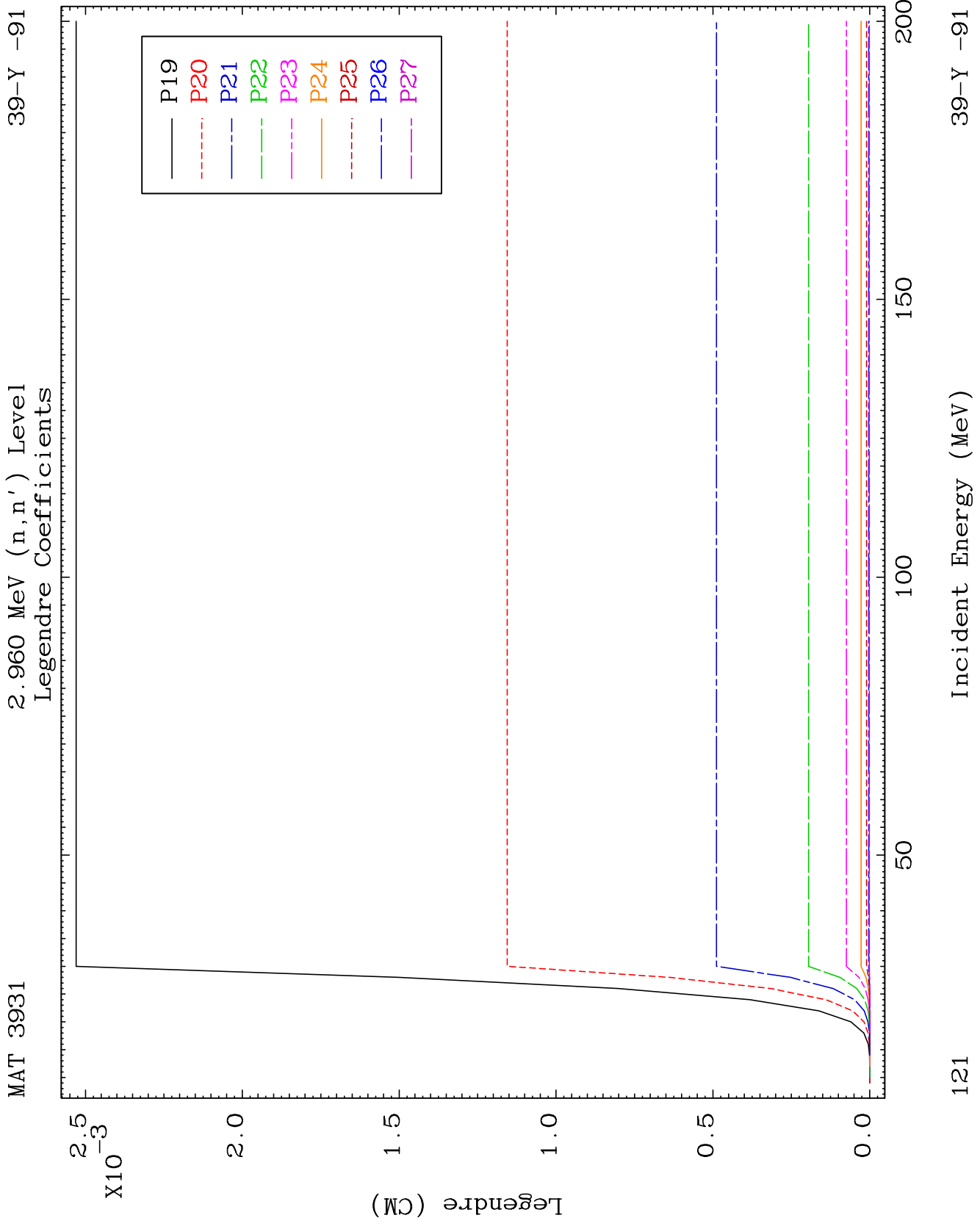
50

100

150

200

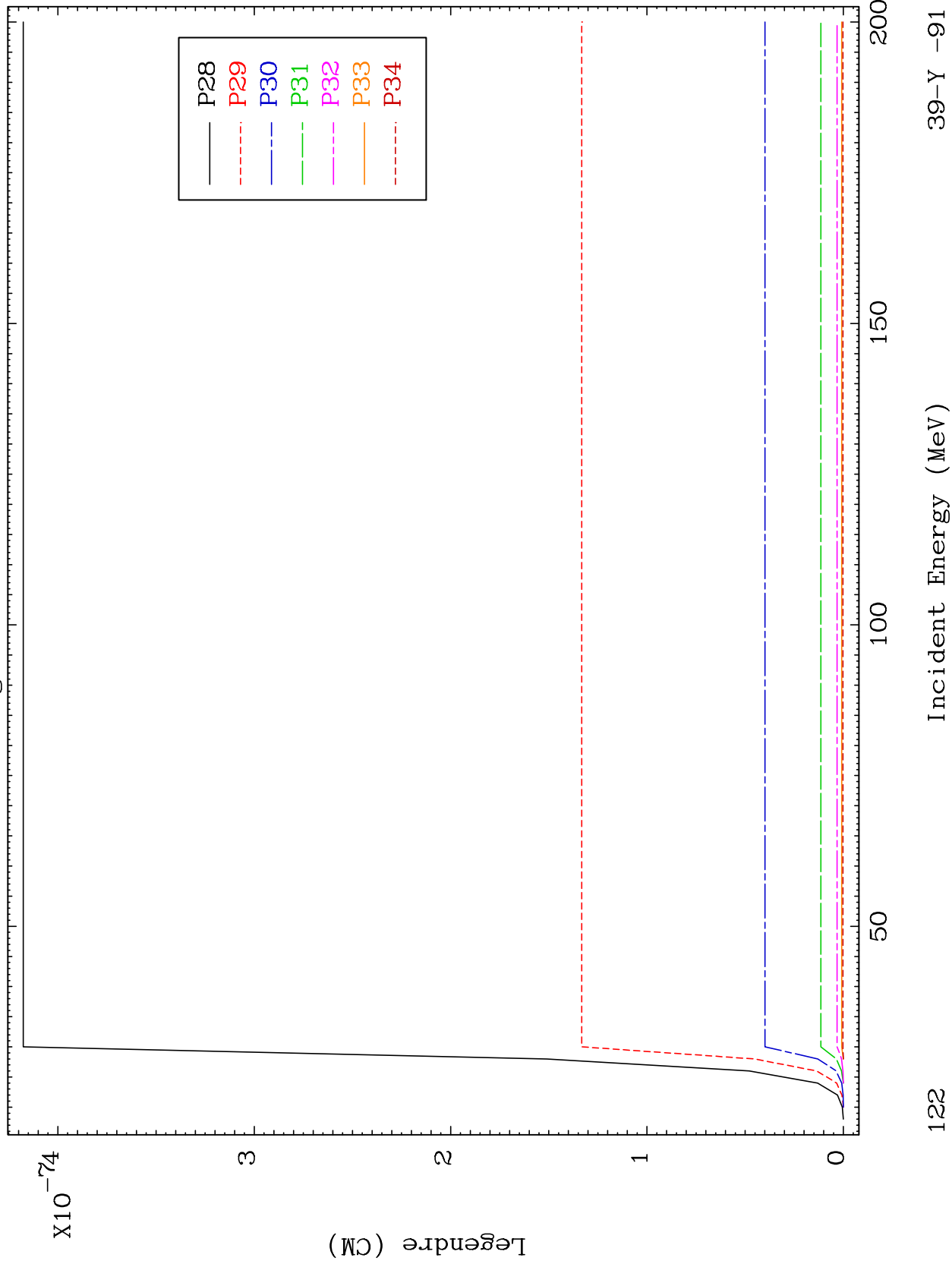
39-Y -91



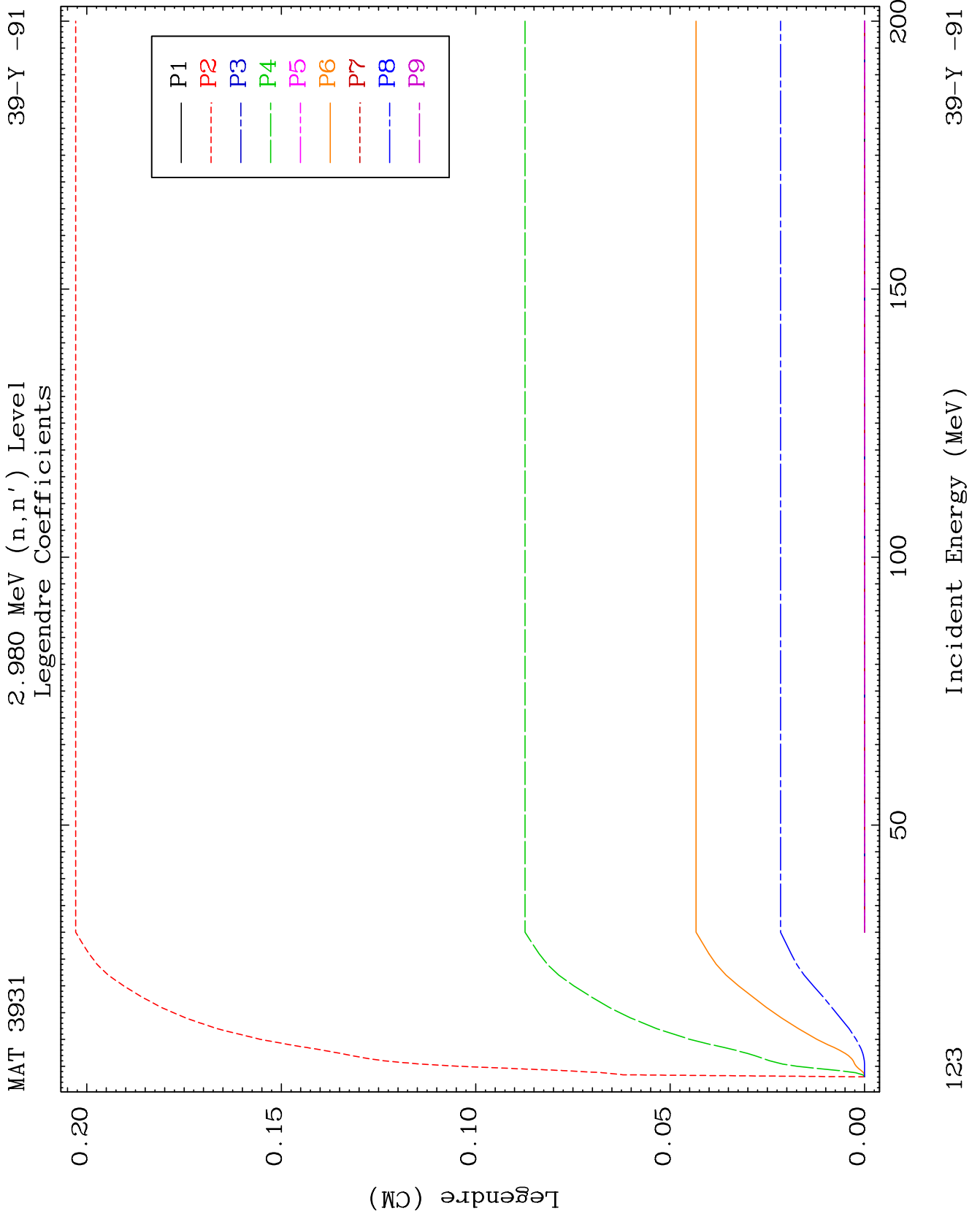
MAT 3931

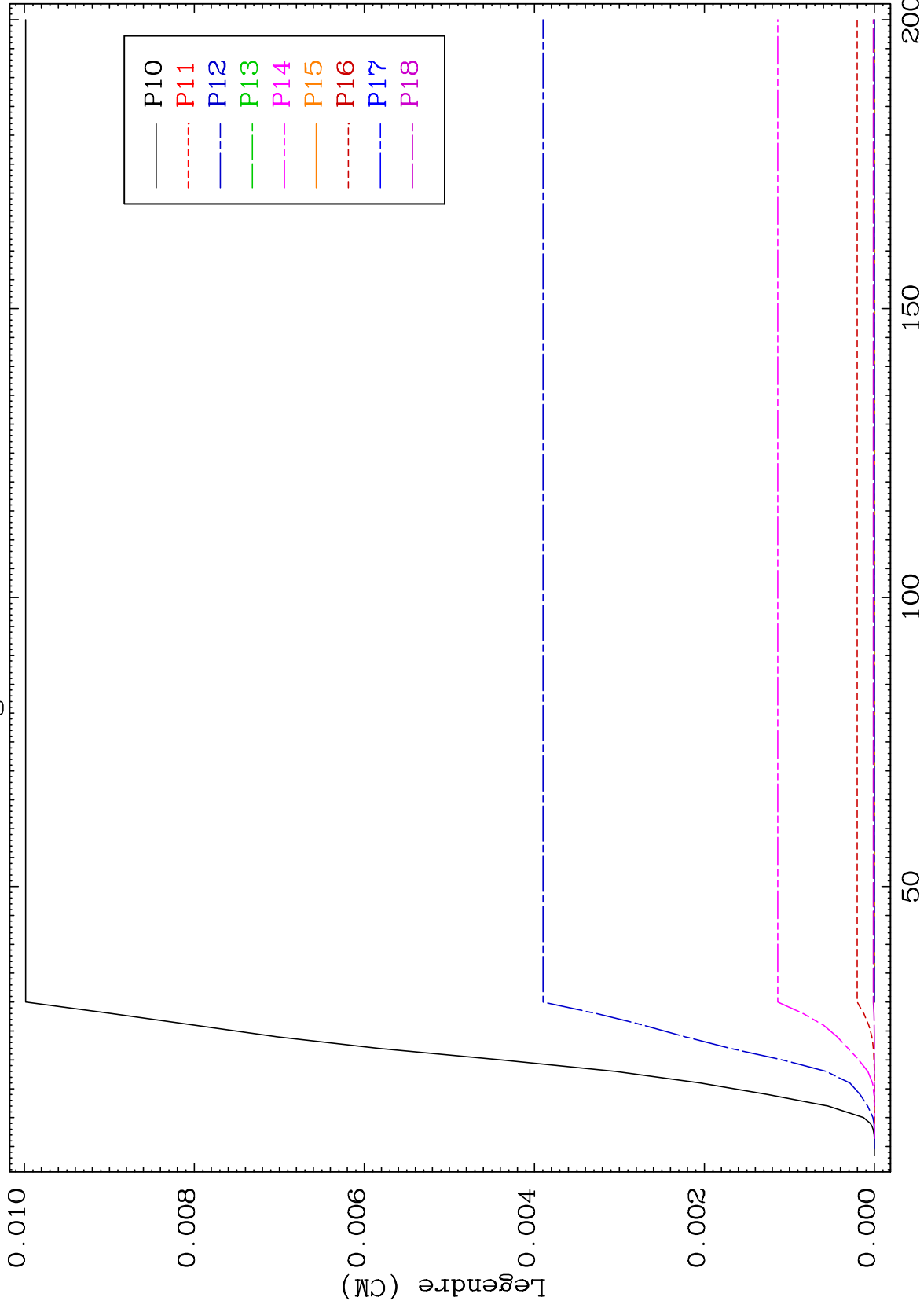
2.960 MeV (n,n') Level
Legendre Coefficients

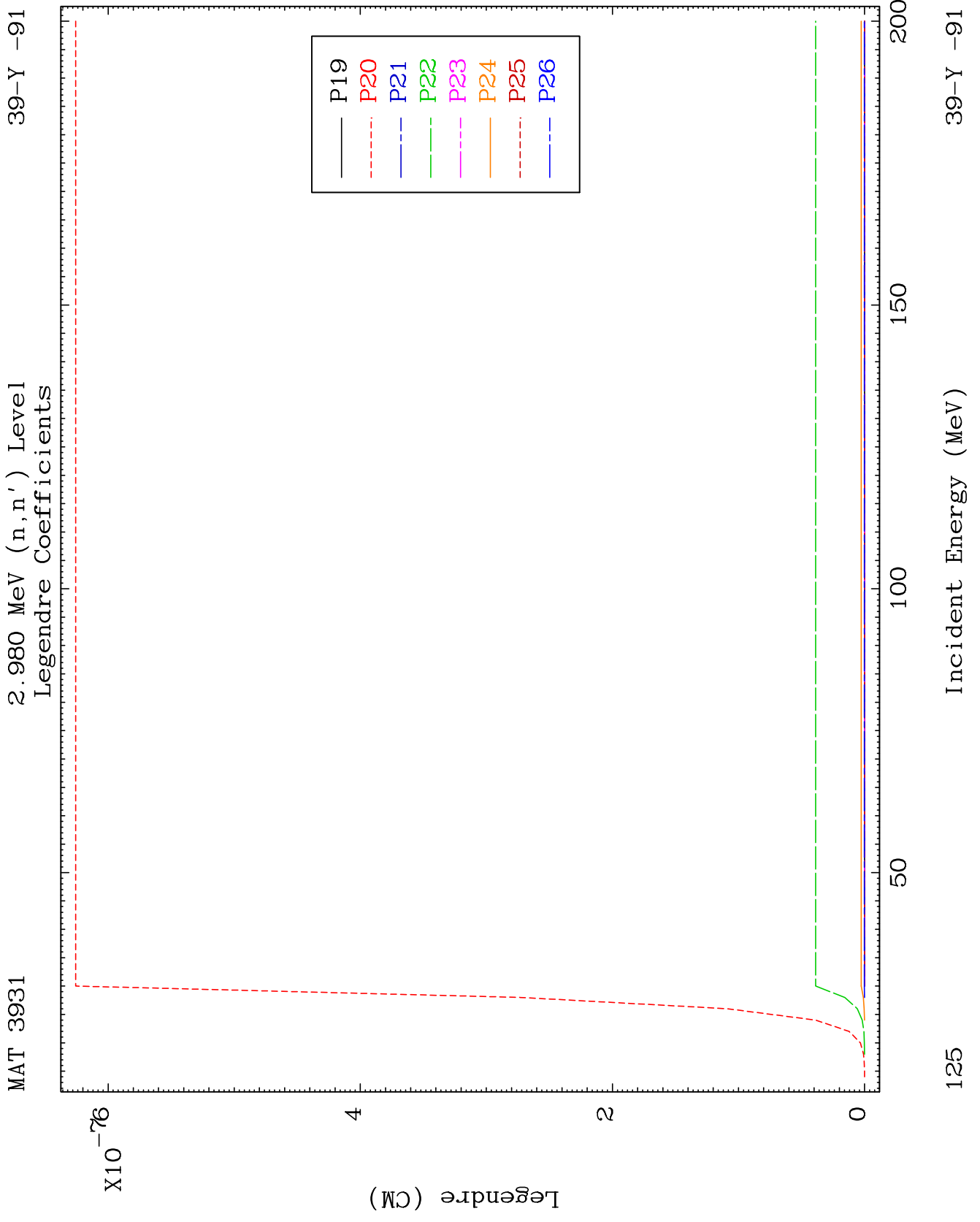
39-Y -91



122



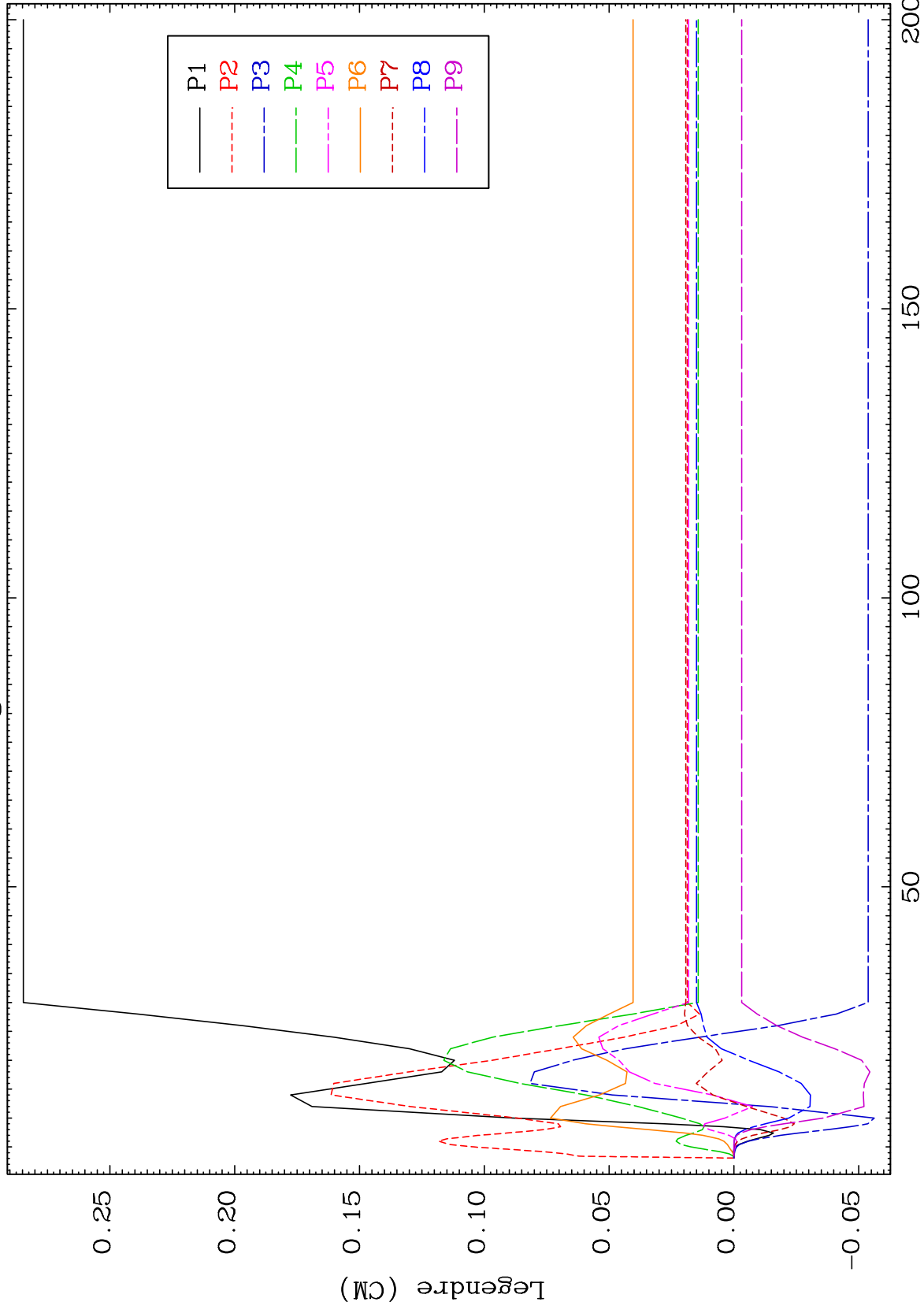




MAT 3931

3.045 MeV (n,n') Level
Legendre Coefficients

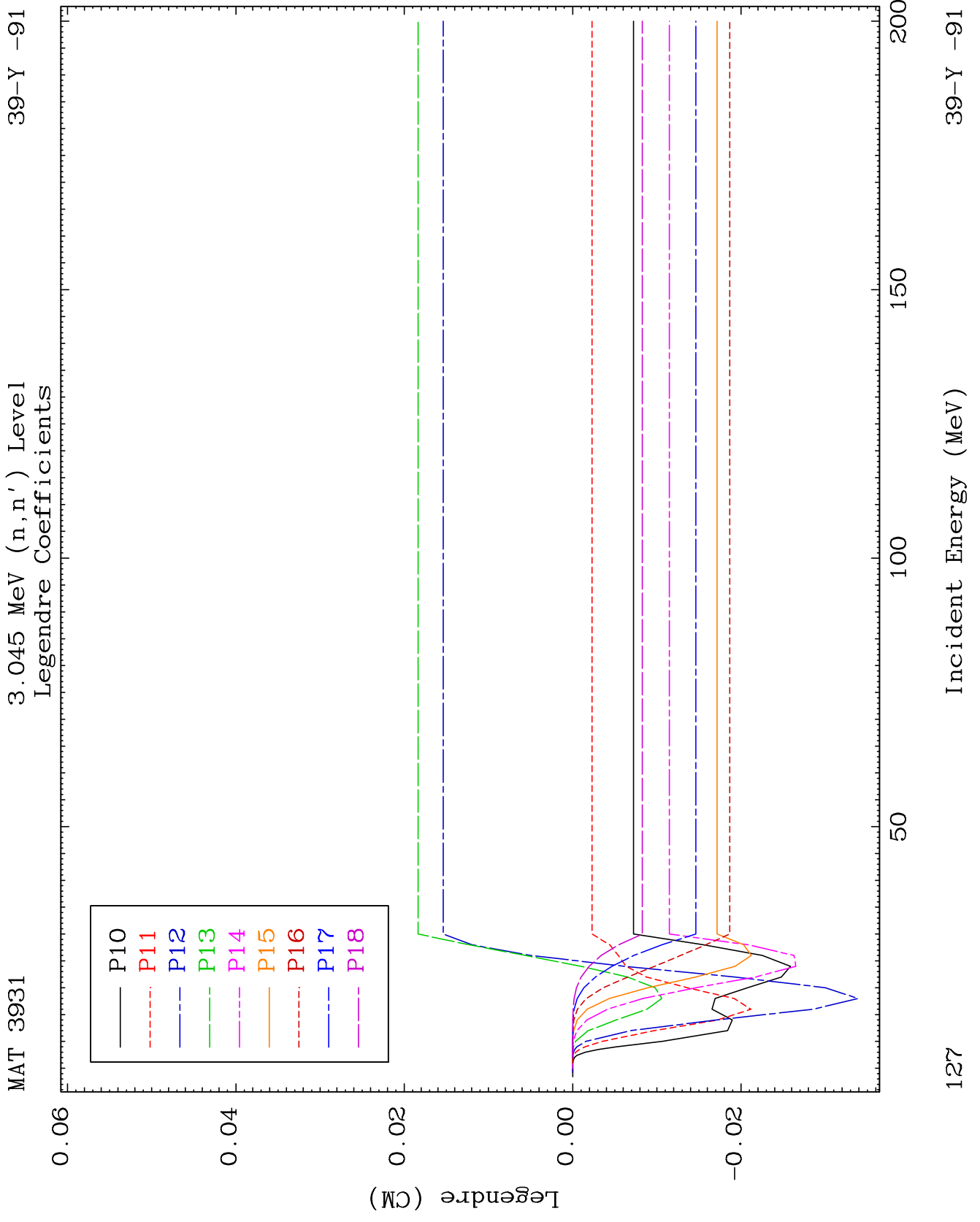
39-Y -91

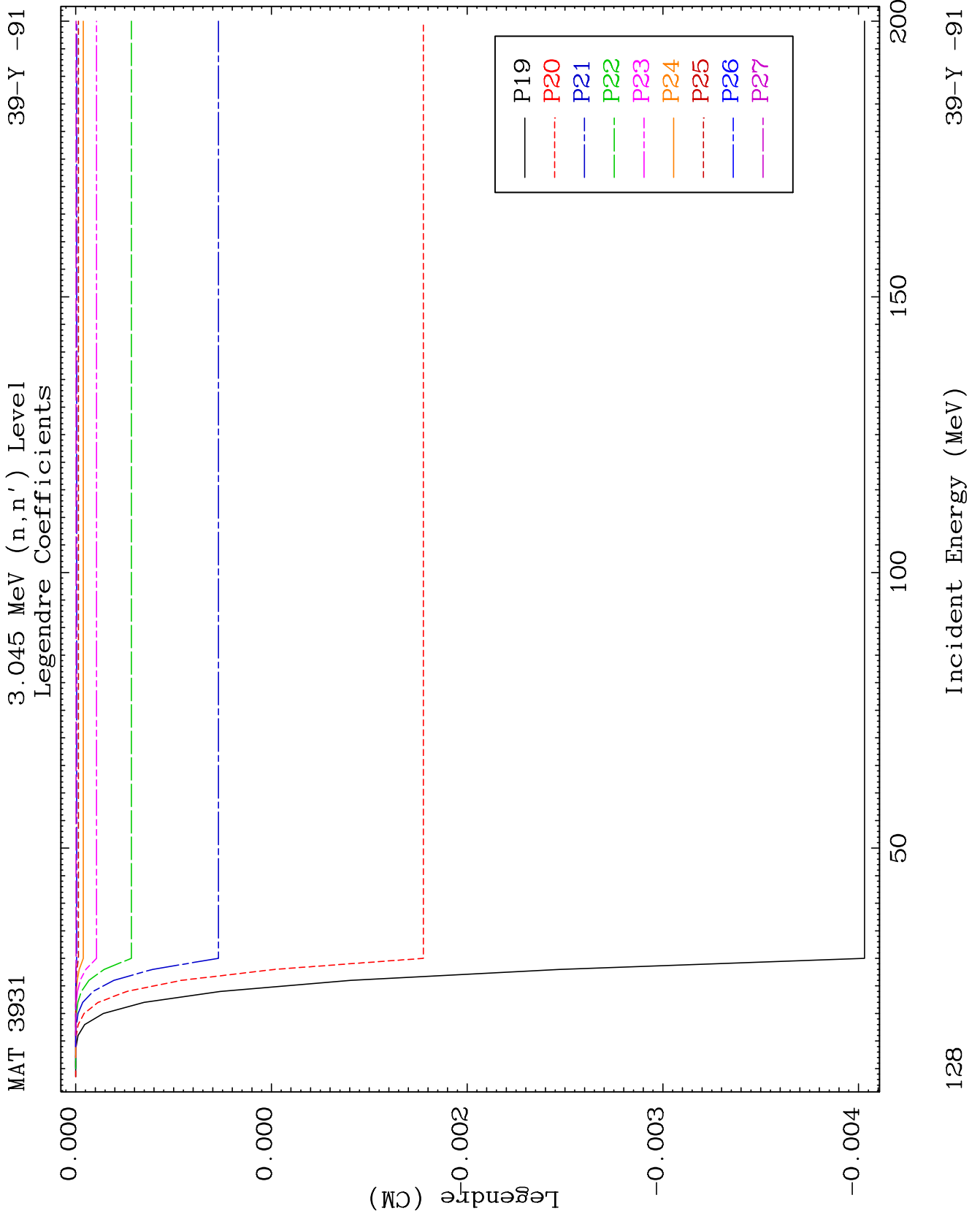


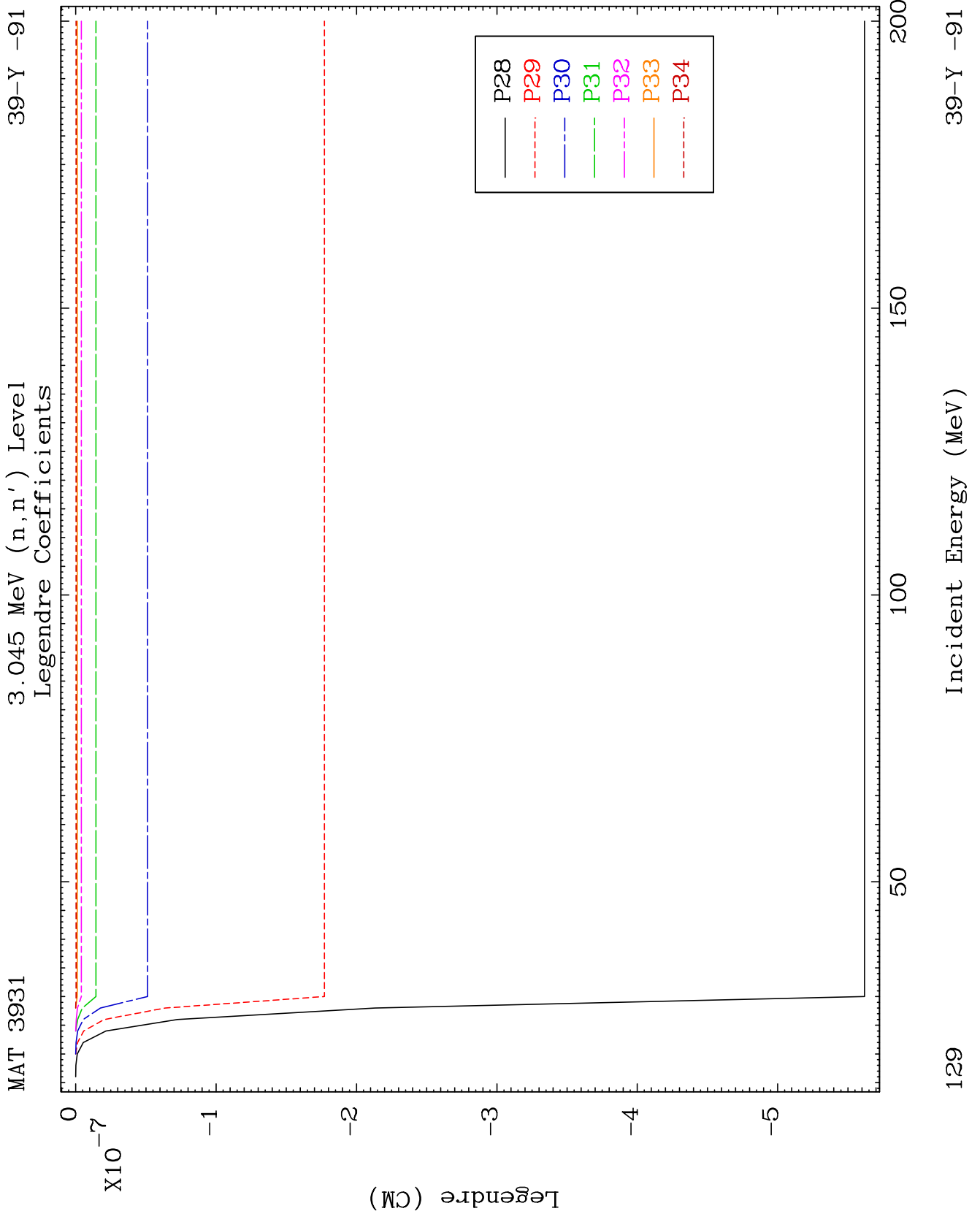
126

Incident Energy (MeV)

39-Y -91



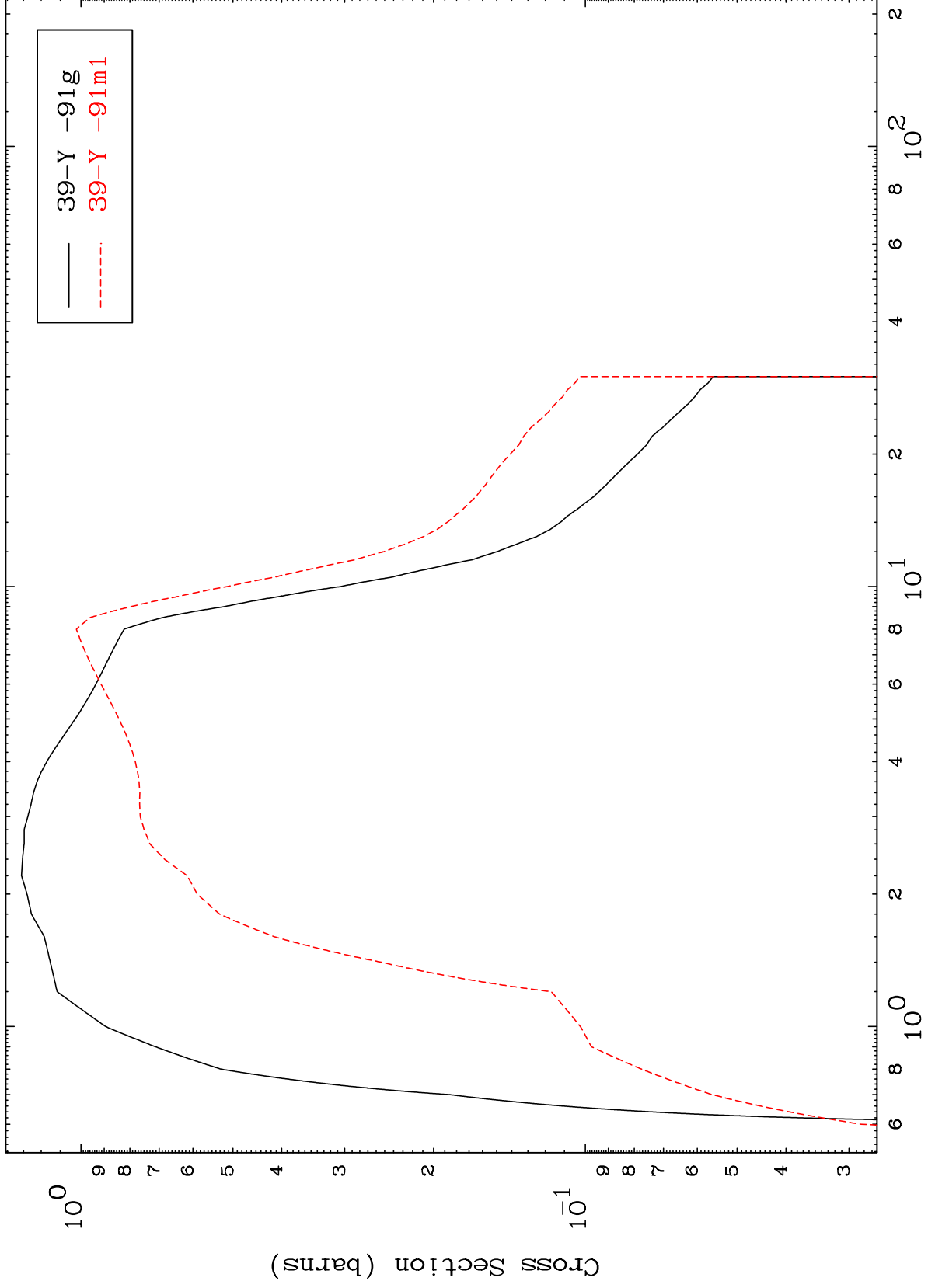




MAT 3931

39-Y -91

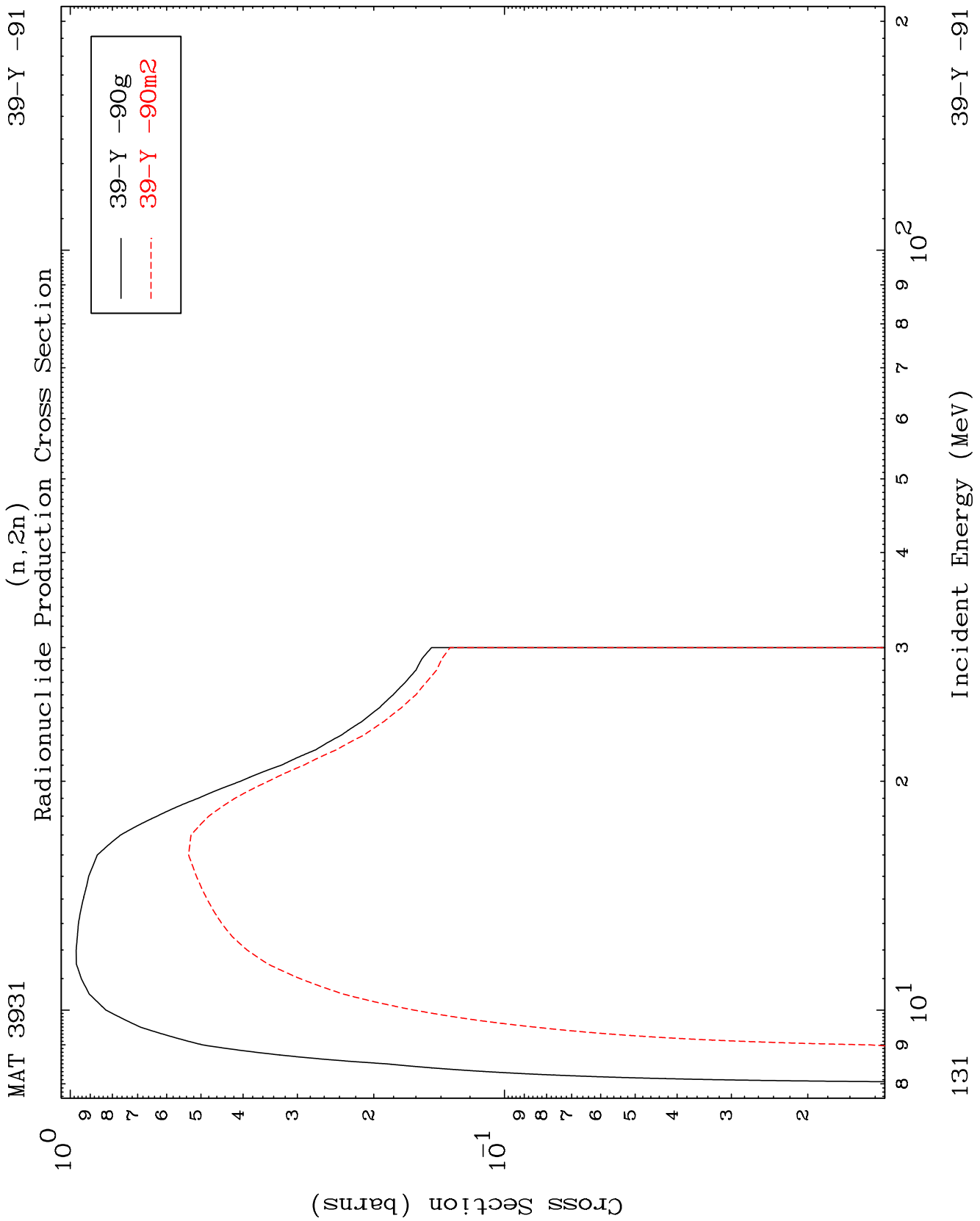
Inelastic
Radionuclide Production Cross Section



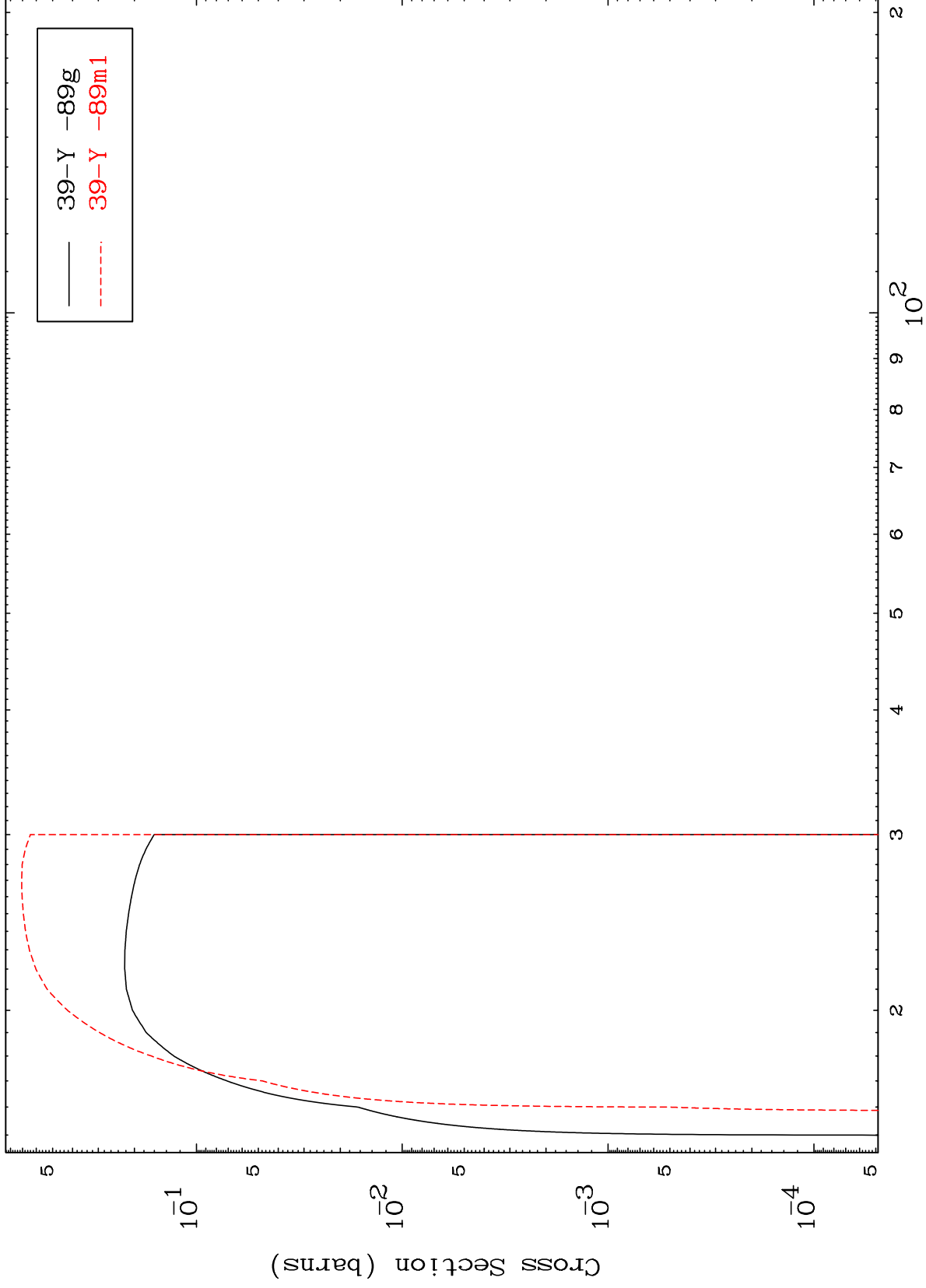
130

39-Y -91

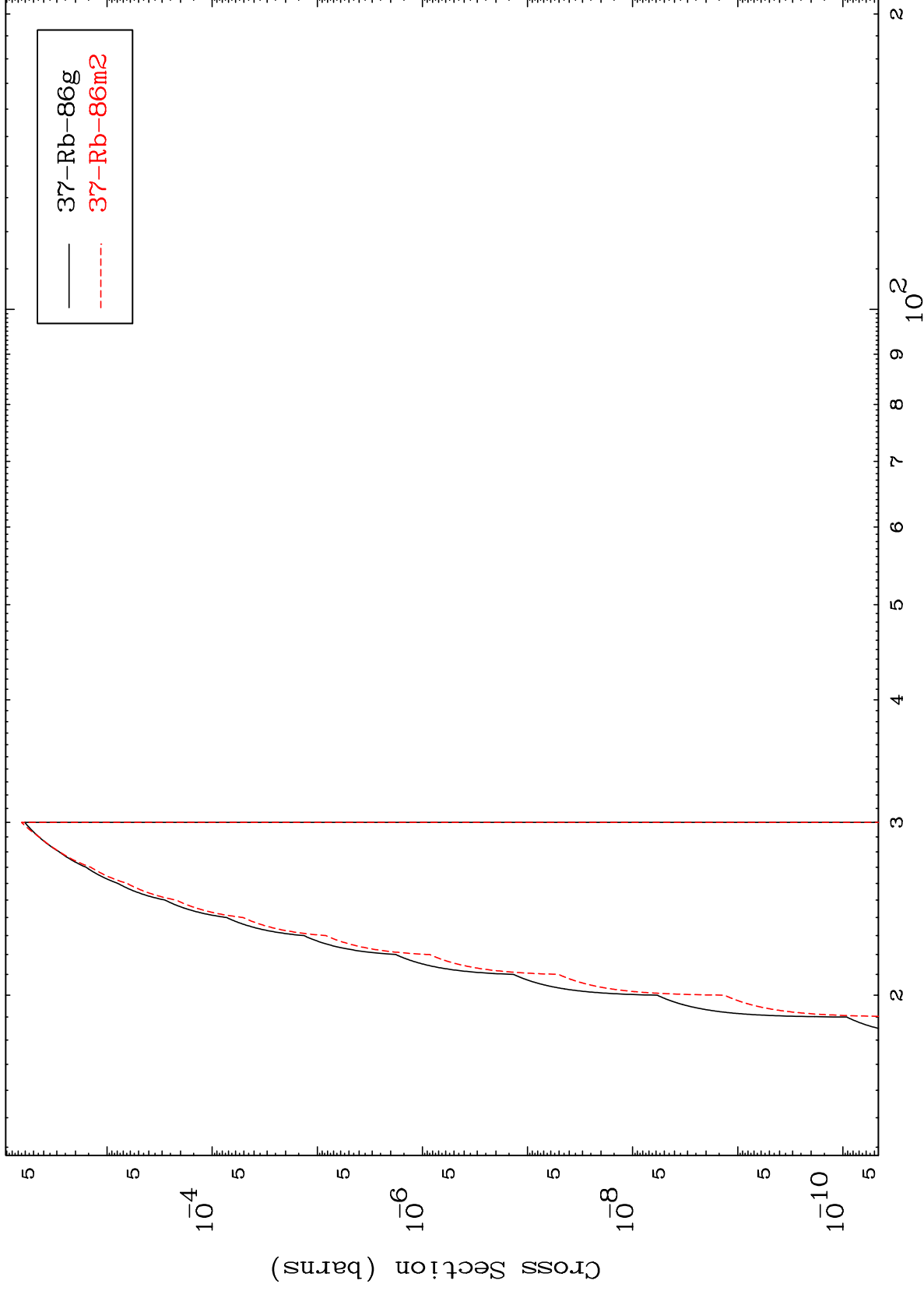
Incident Energy (MeV)



(n,3n)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

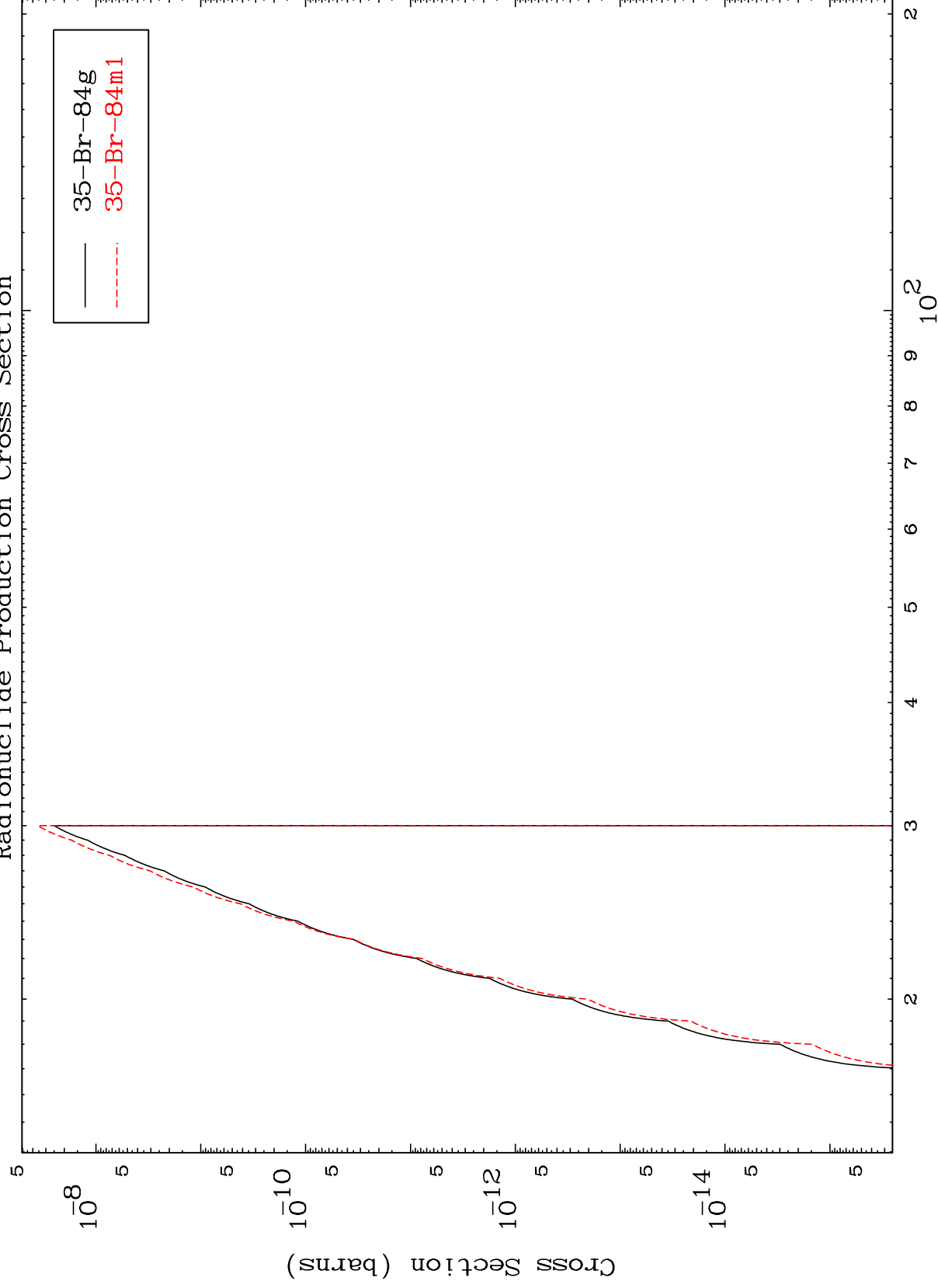


MAT 3931

(n,2α)

39-Y -91

Radionuclide Production Cross Section



134

Incident Energy (MeV)

39-Y -91

(n,2p)
Radionuclide Production Cross Section

