

Program EVALPLOT  
(Version 2015-2)

by

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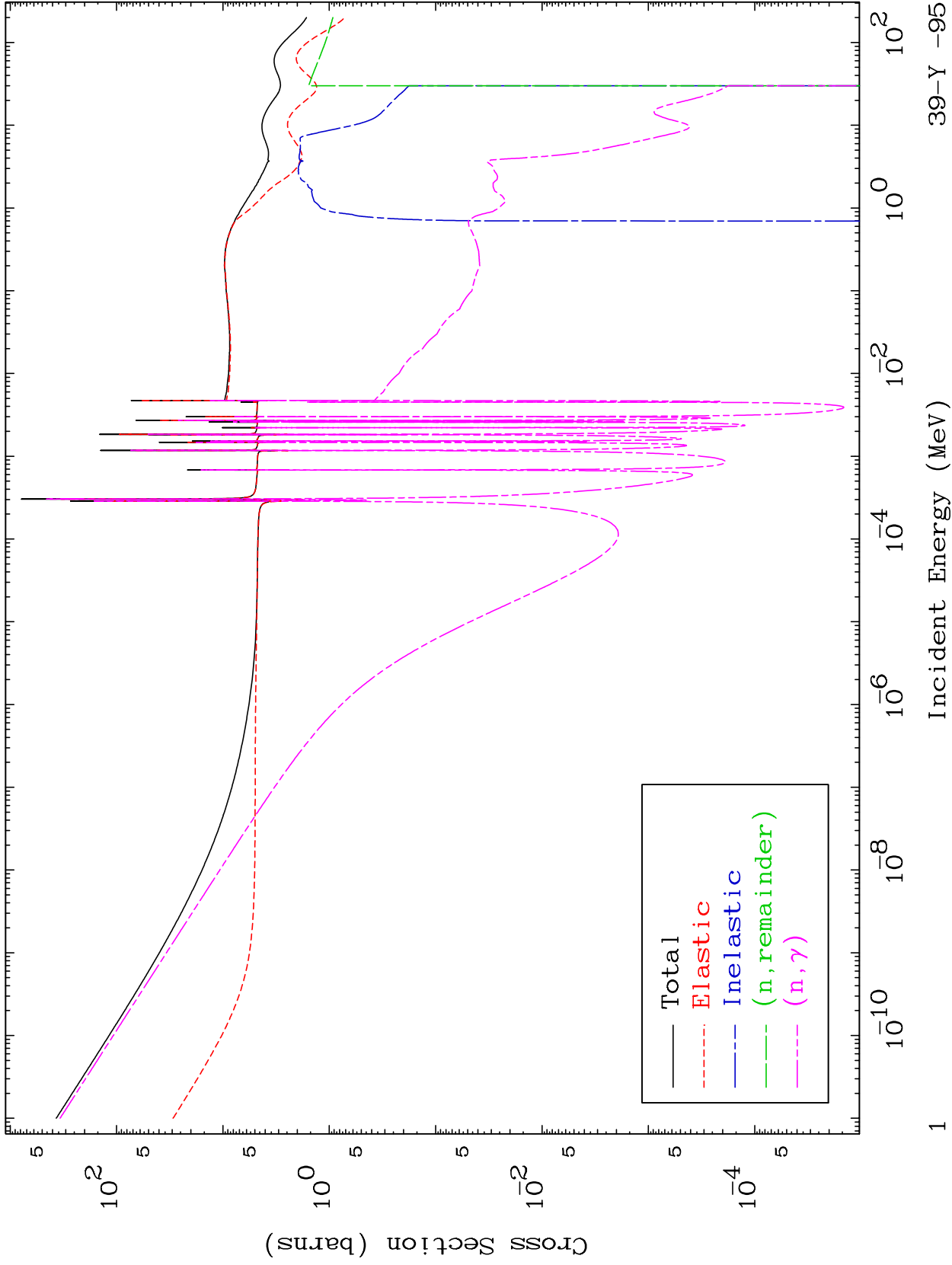
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3943

Major  
293 Kelvin Cross Sections

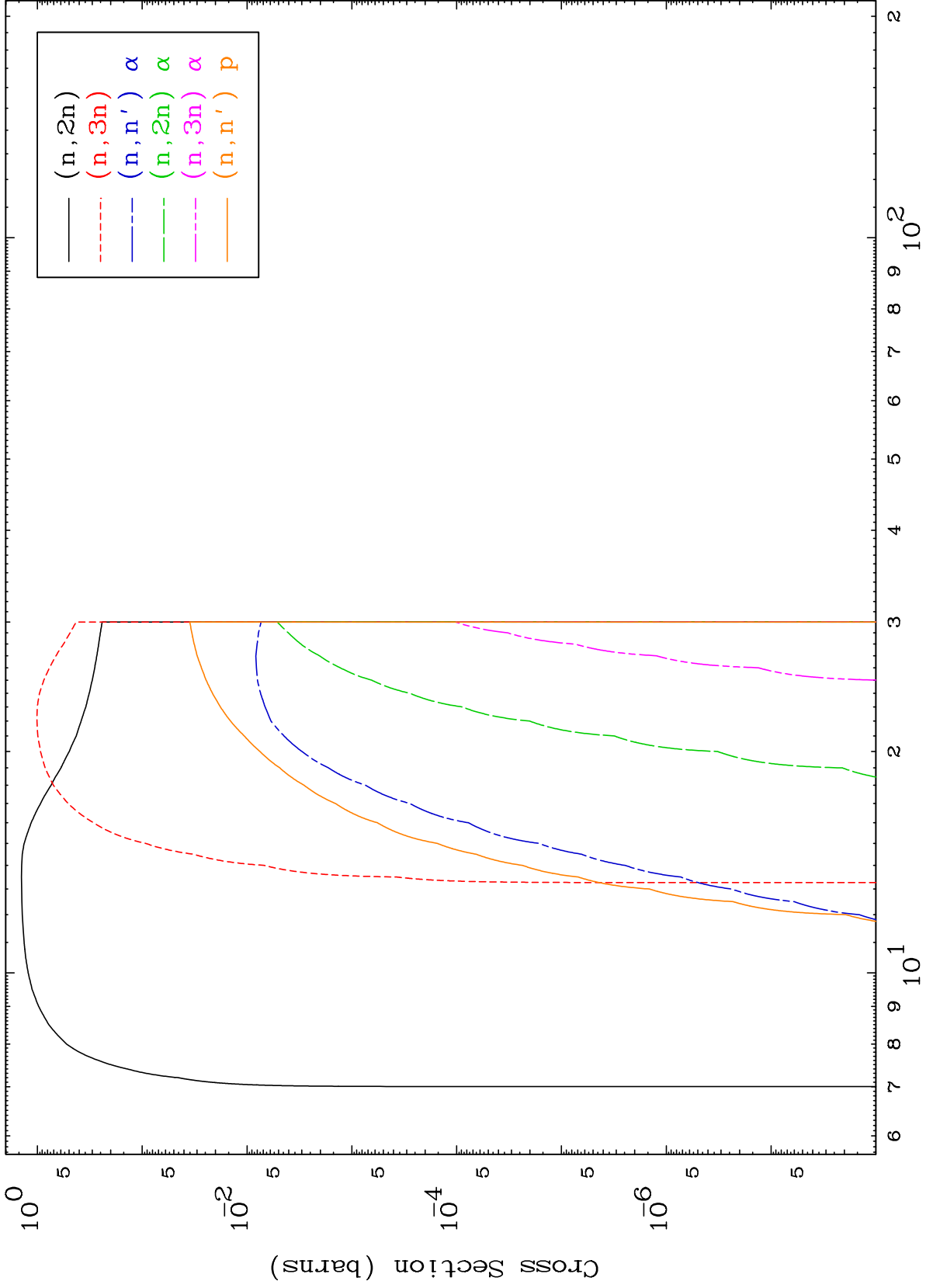
39-Y -95



MAT 3943

Neutron Production  
293 Kelvin Cross Sections

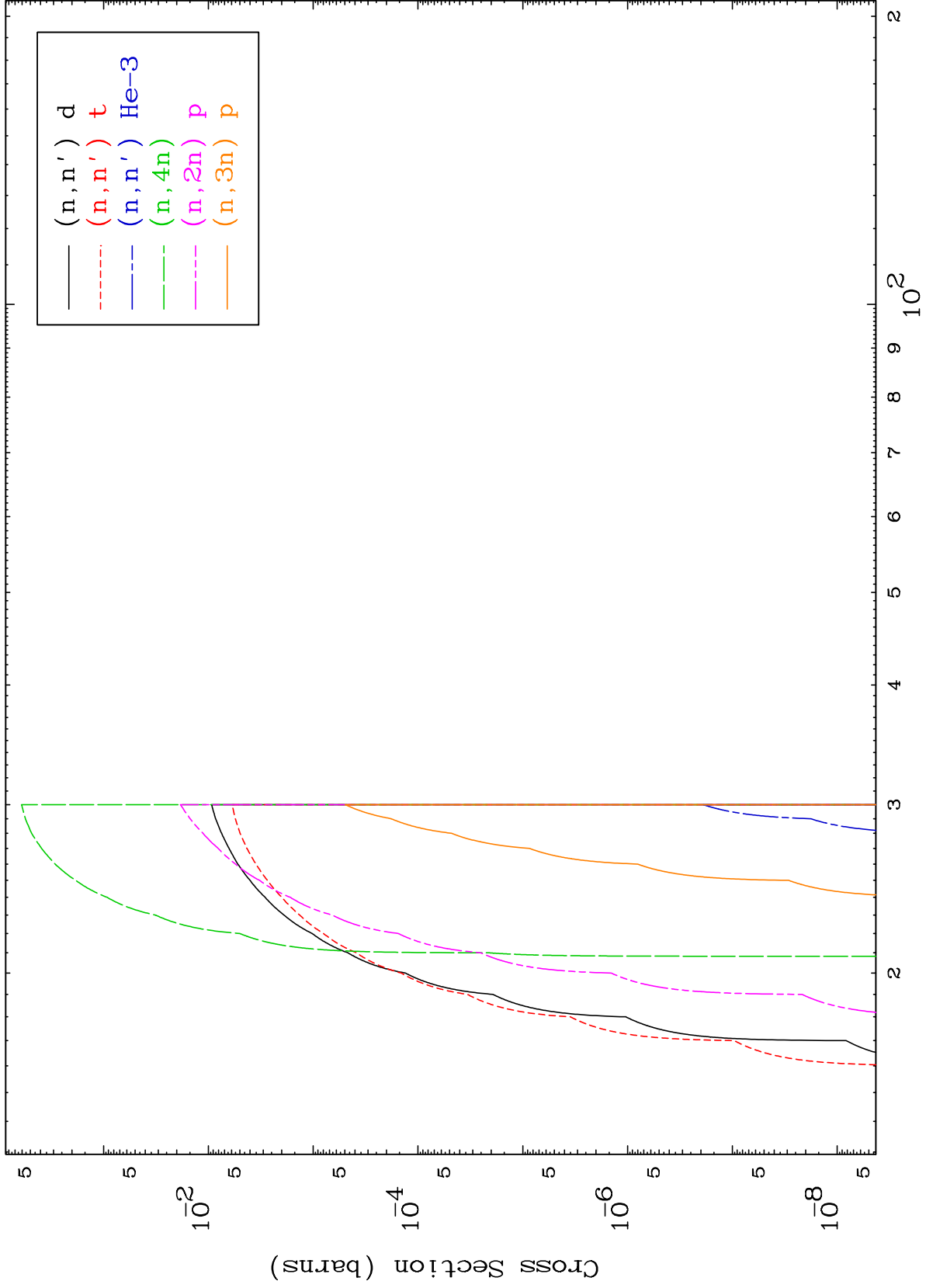
39-Y -95

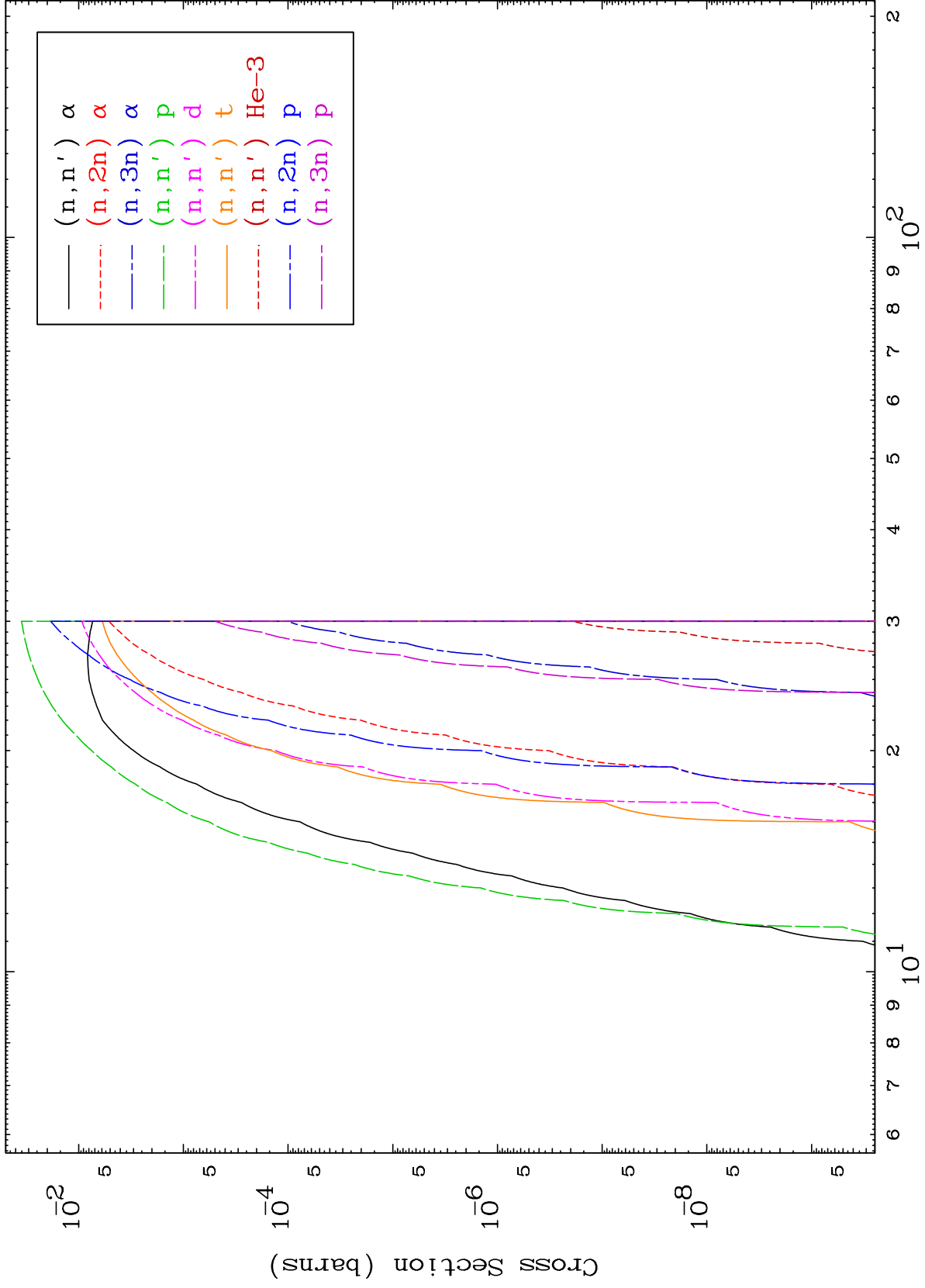


2

Incident Energy (MeV)

39-Y -95

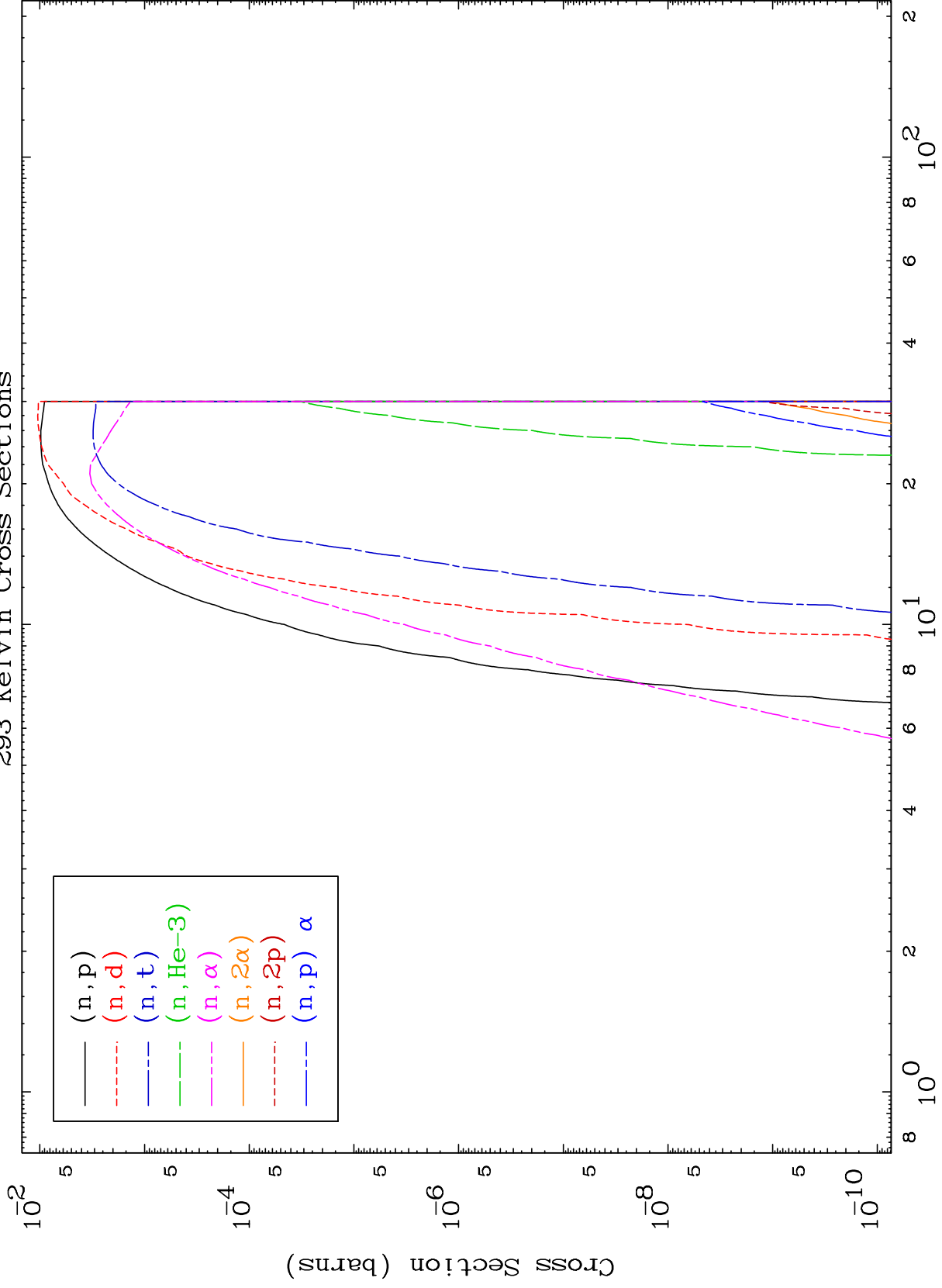




MAT 3943

Charged Particle  
293 Kelvin Cross Sections

39-Y -95



Incident Energy (MeV)

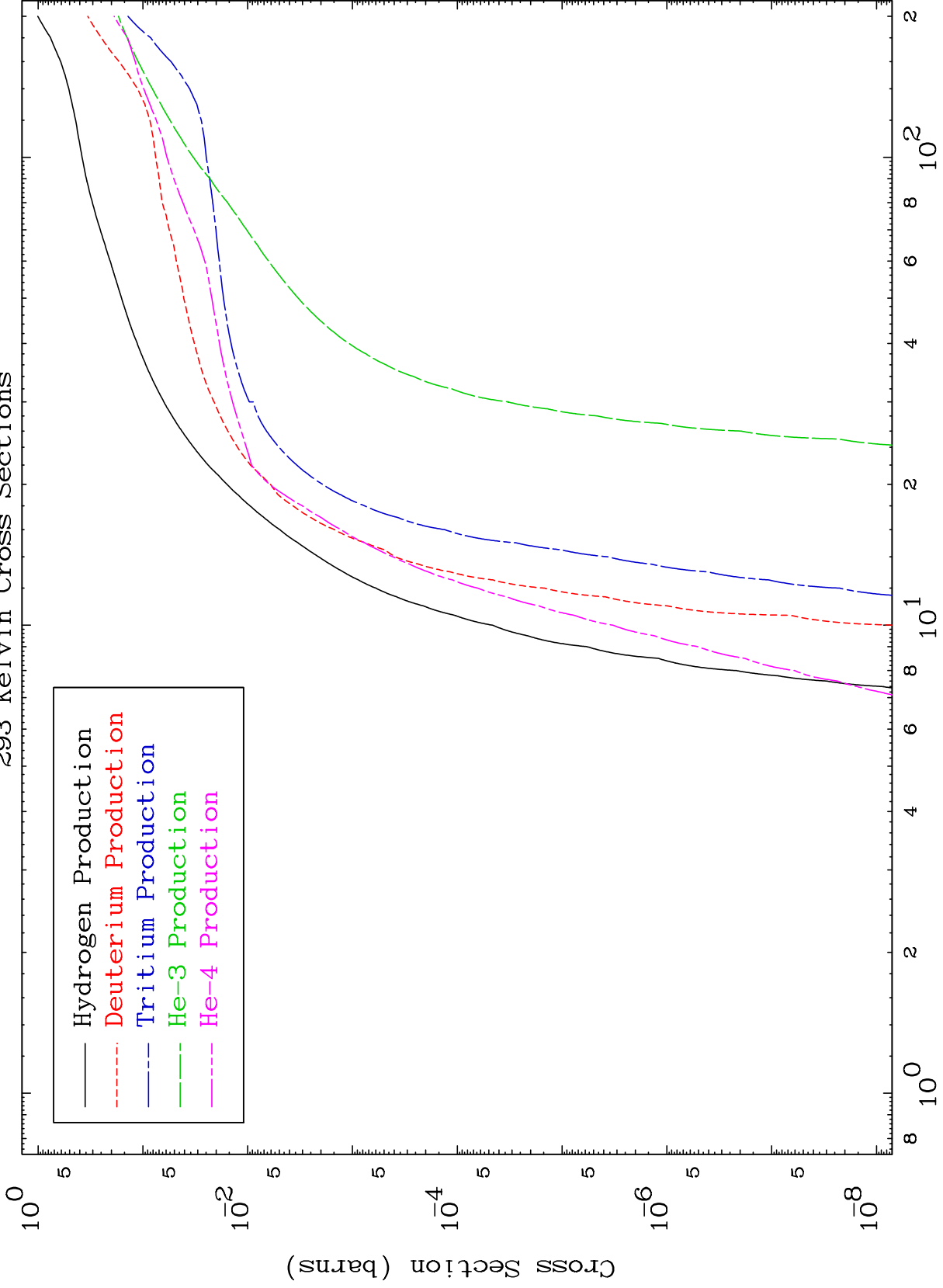
39-Y -95

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MAT 3943

Particle Production  
293 Kelvin Cross Sections

39-Y -95



39-Y -95

Incident Energy (MeV)

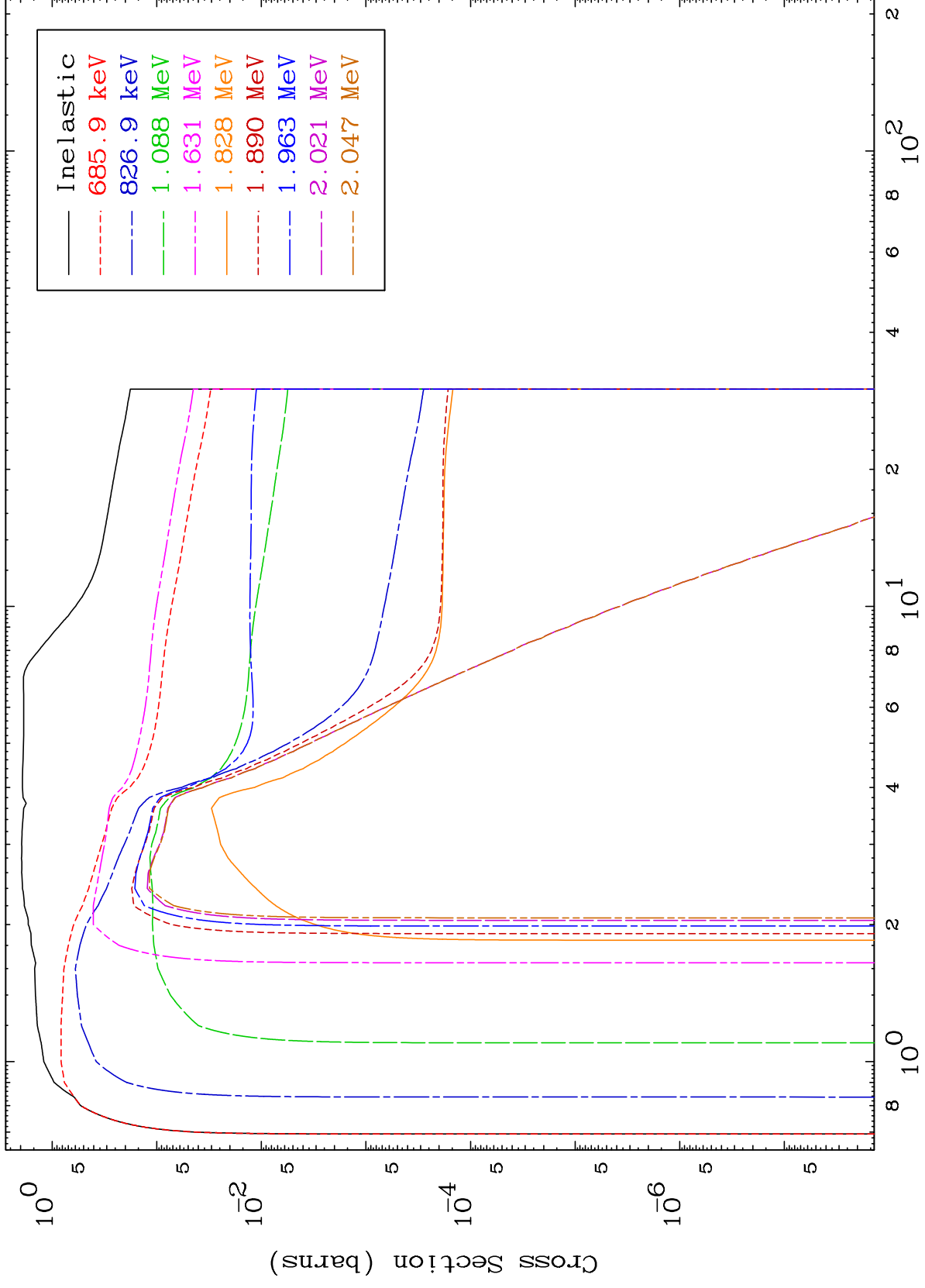
6

MAT 3943

(n,n') Level

39-Y -95

293 Kelvin Cross Sections



7

Incident Energy (MeV)

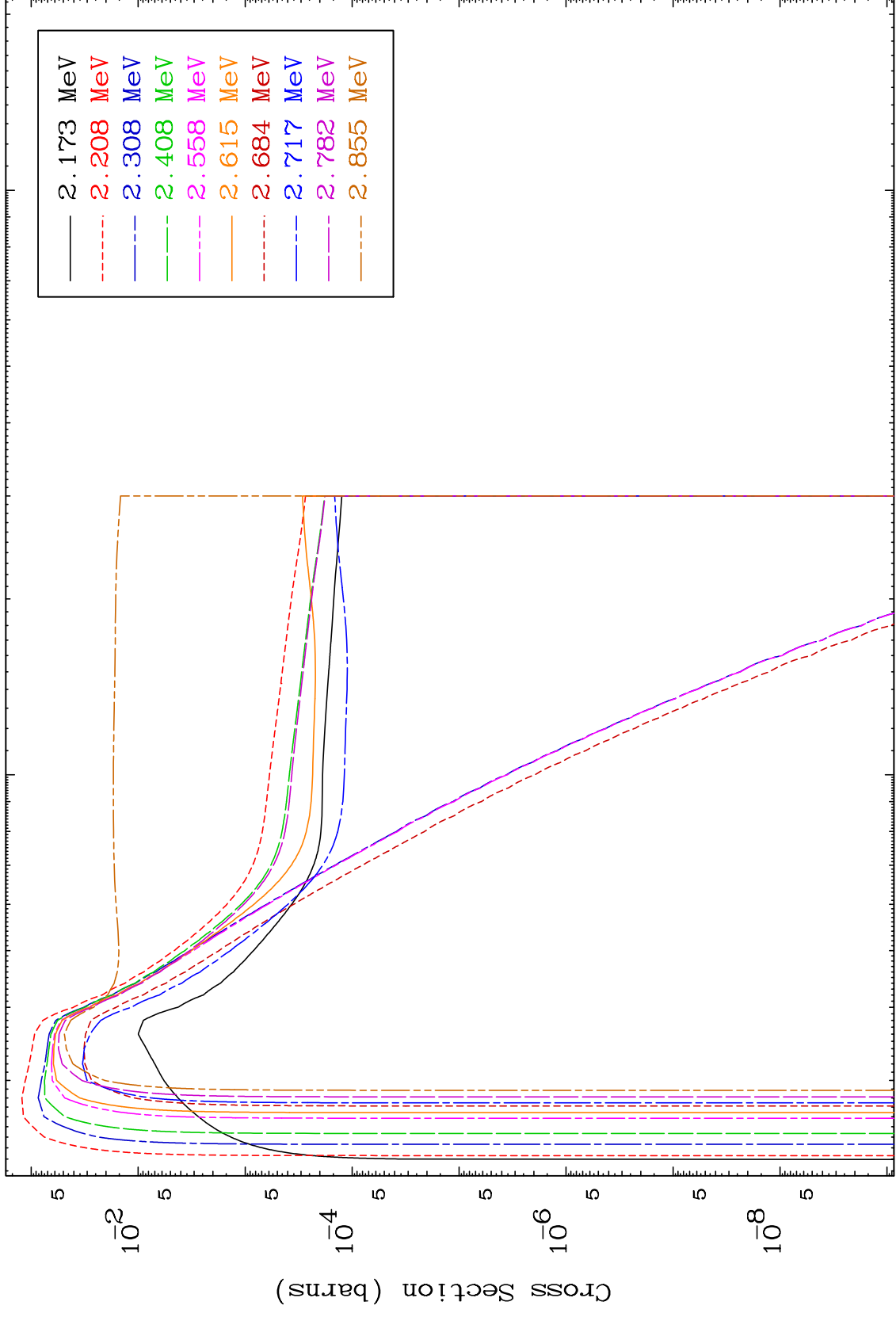
39-Y -95



MAT 3943

(n,n') Level  
293 Kelvin Cross Sections

39-Y -95



8

Incident Energy (MeV)

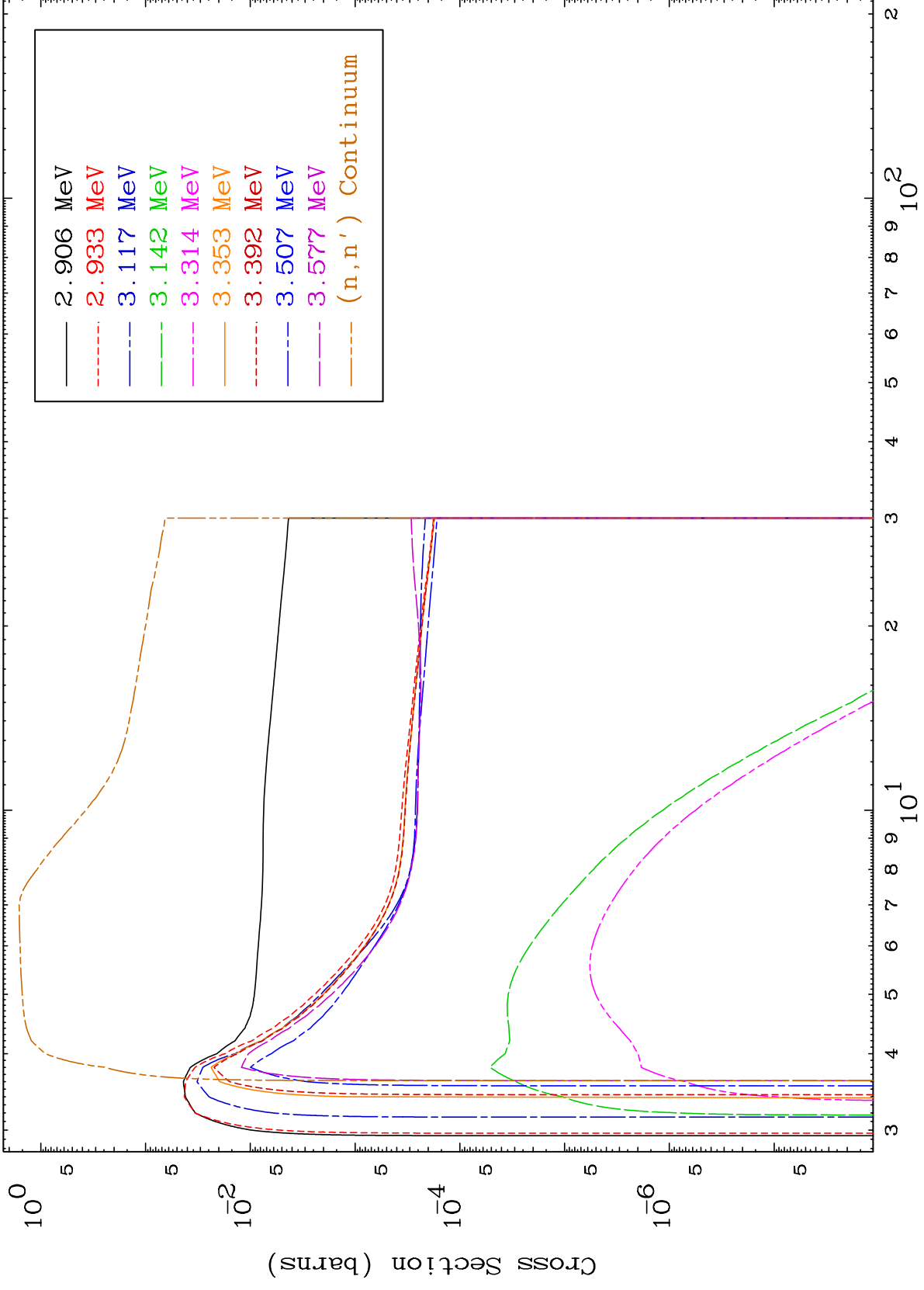
39-Y -95

MAT 3943

(n,n') Level

39-Y -95

293 Kelvin Cross Sections



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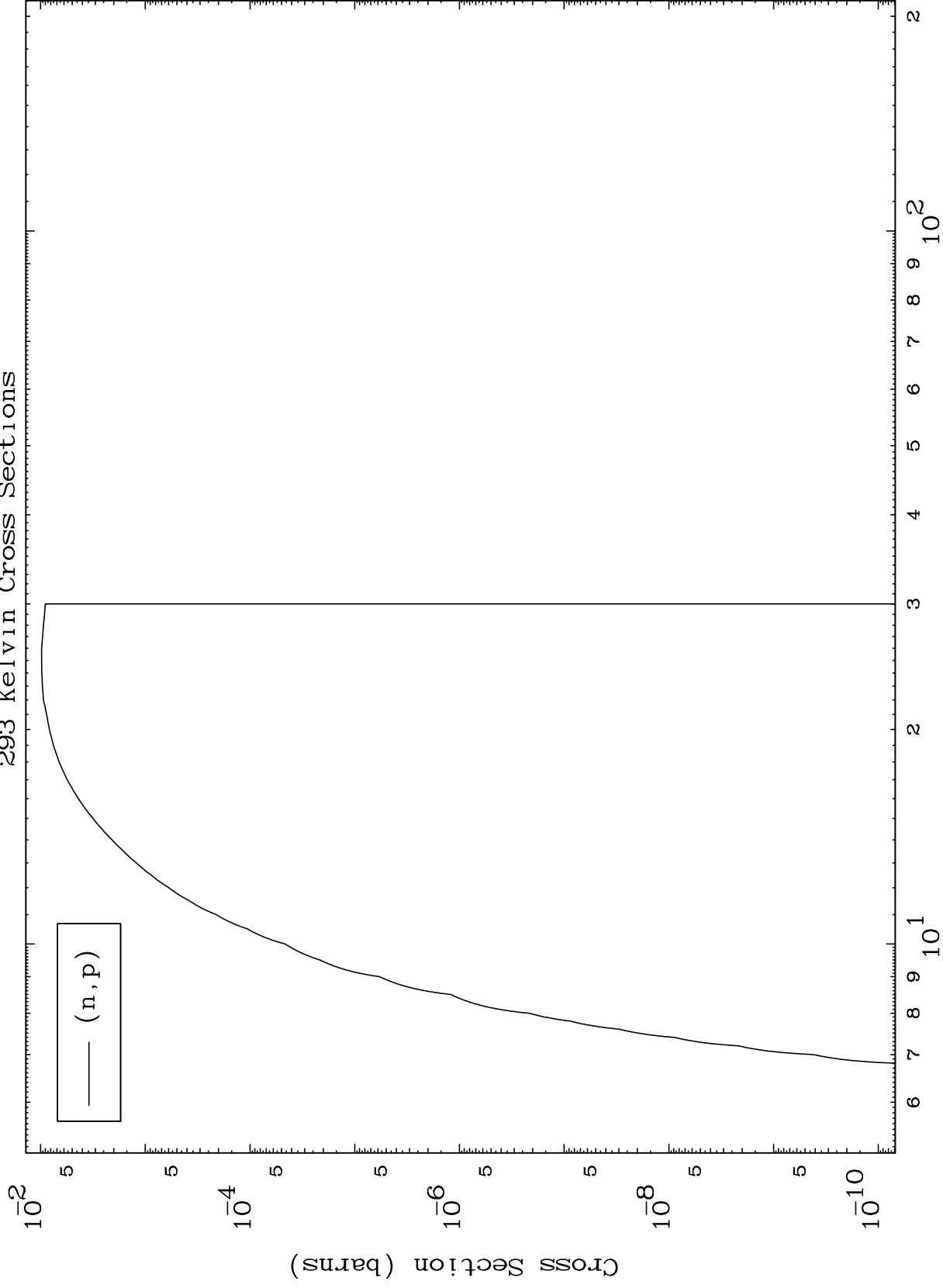
Incident Energy (MeV)

39-Y -95

MAT 3943

(n,p) Levels  
293 Kelvin Cross Sections

39-Y -95



10

Incident Energy (MeV)

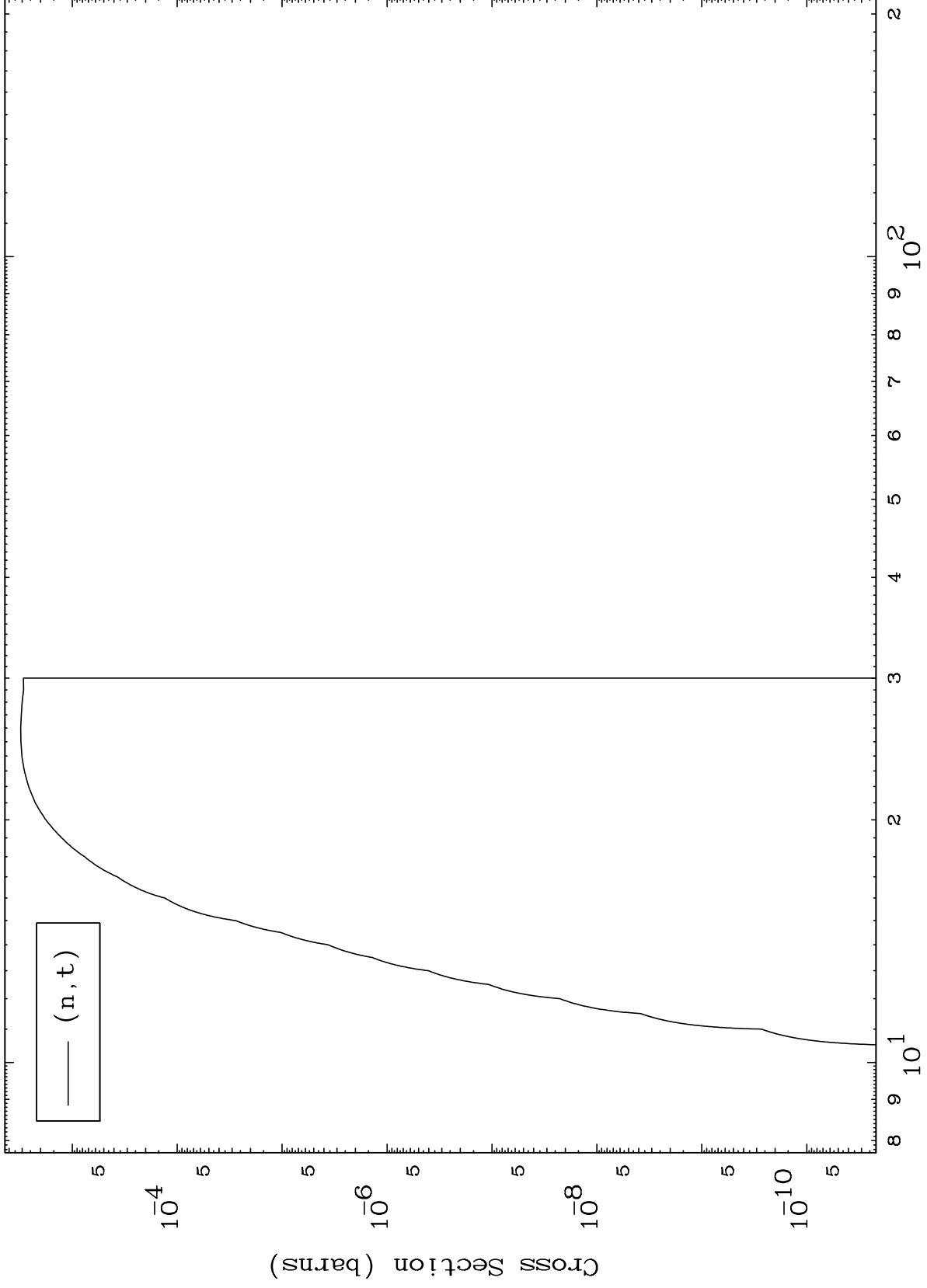
39-Y -95



MAT 3943

(n,t) Levels  
293 Kelvin Cross Sections

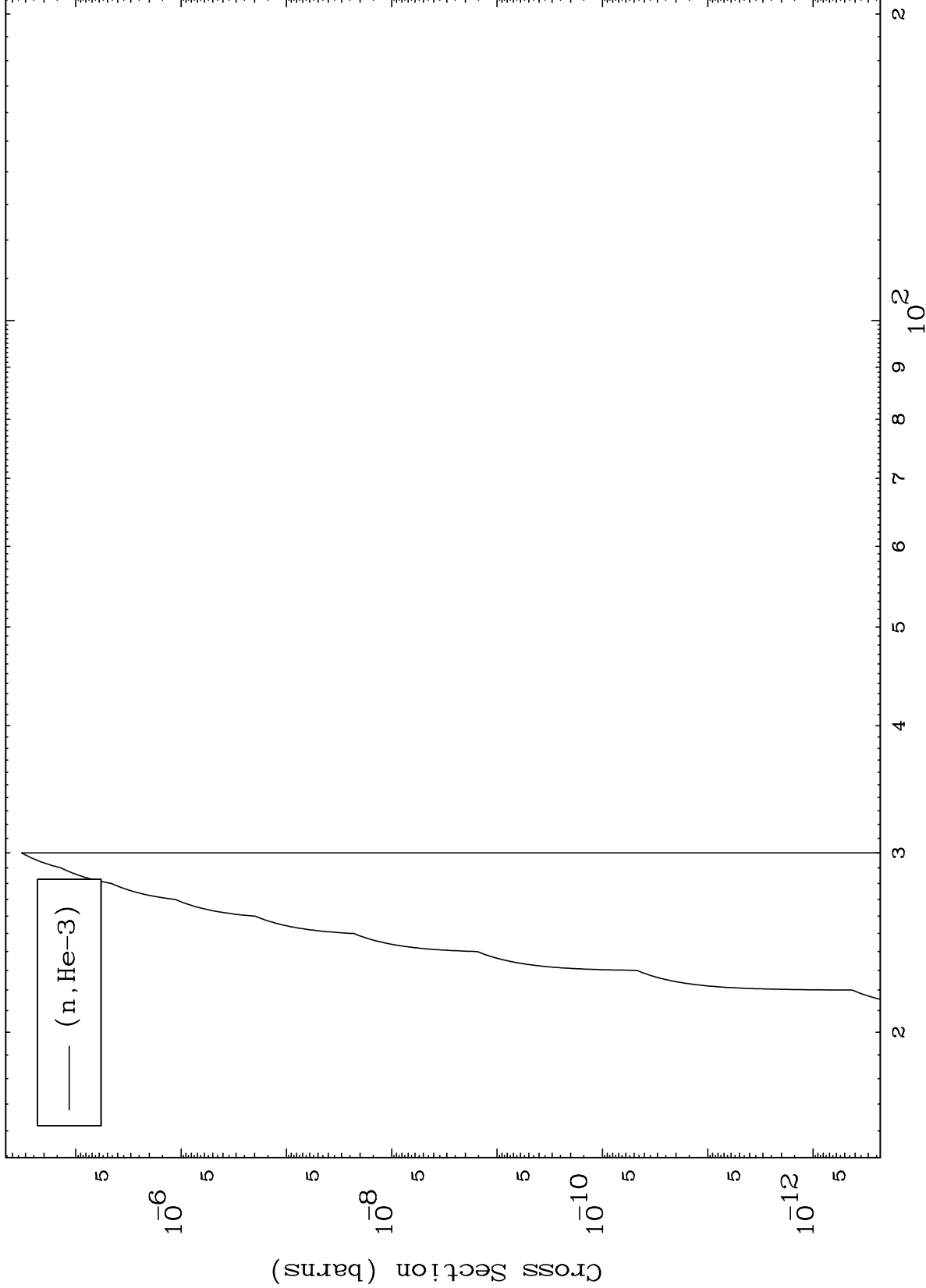
39-Y -95



12

Incident Energy (MeV)

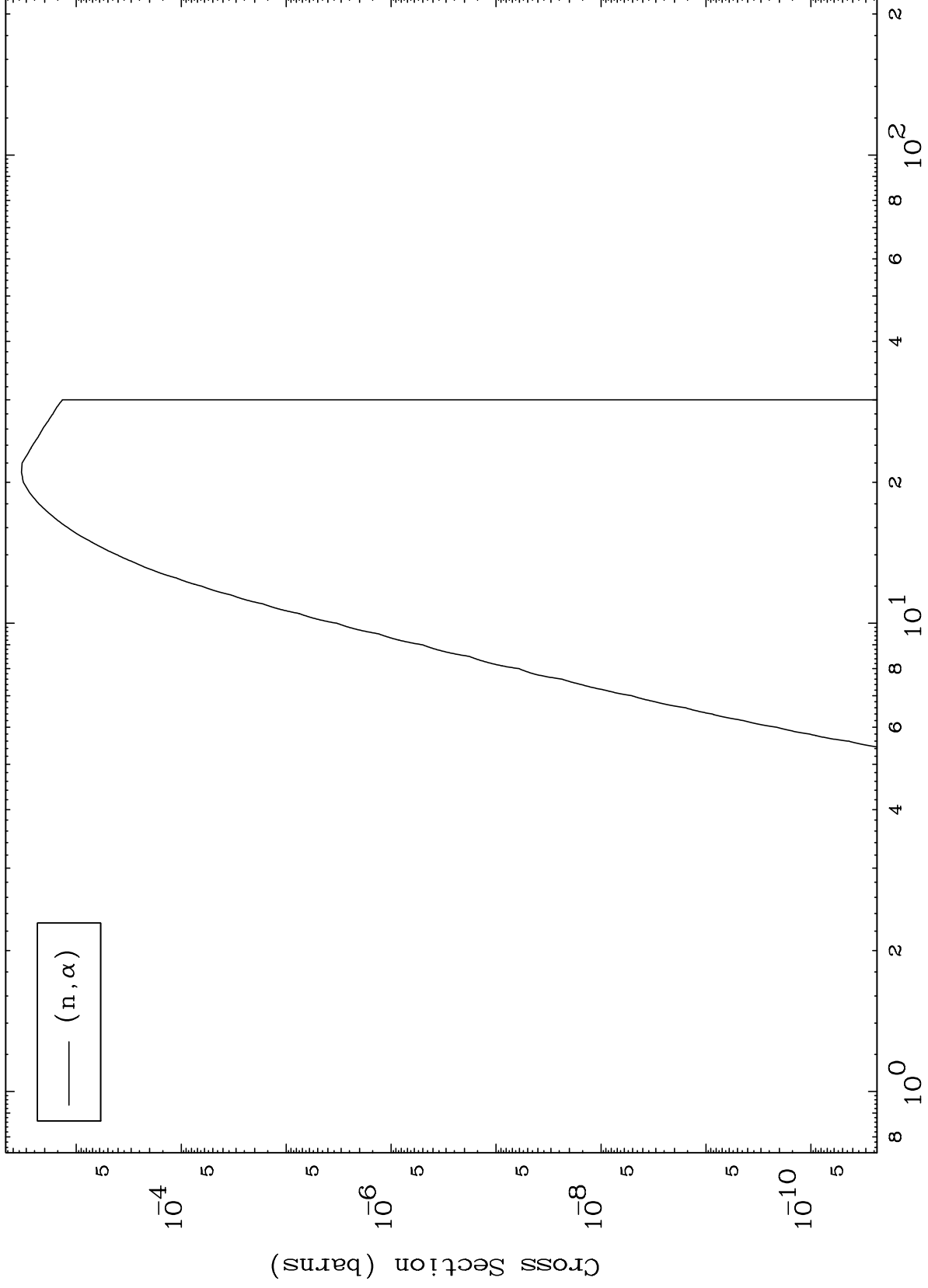
39-Y -95



MAT 3943

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

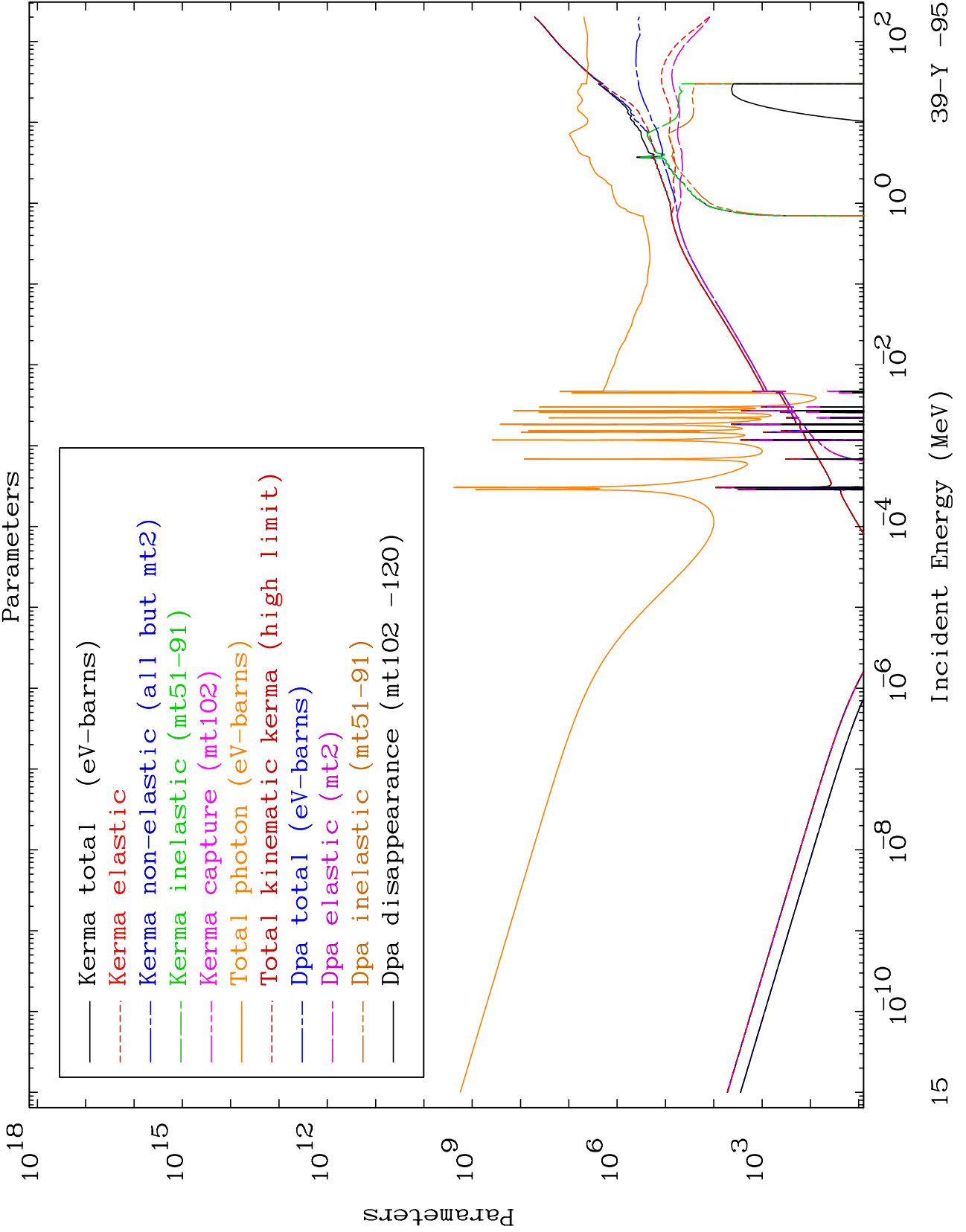
39-Y -95



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Incident Energy (MeV)

39-Y -95

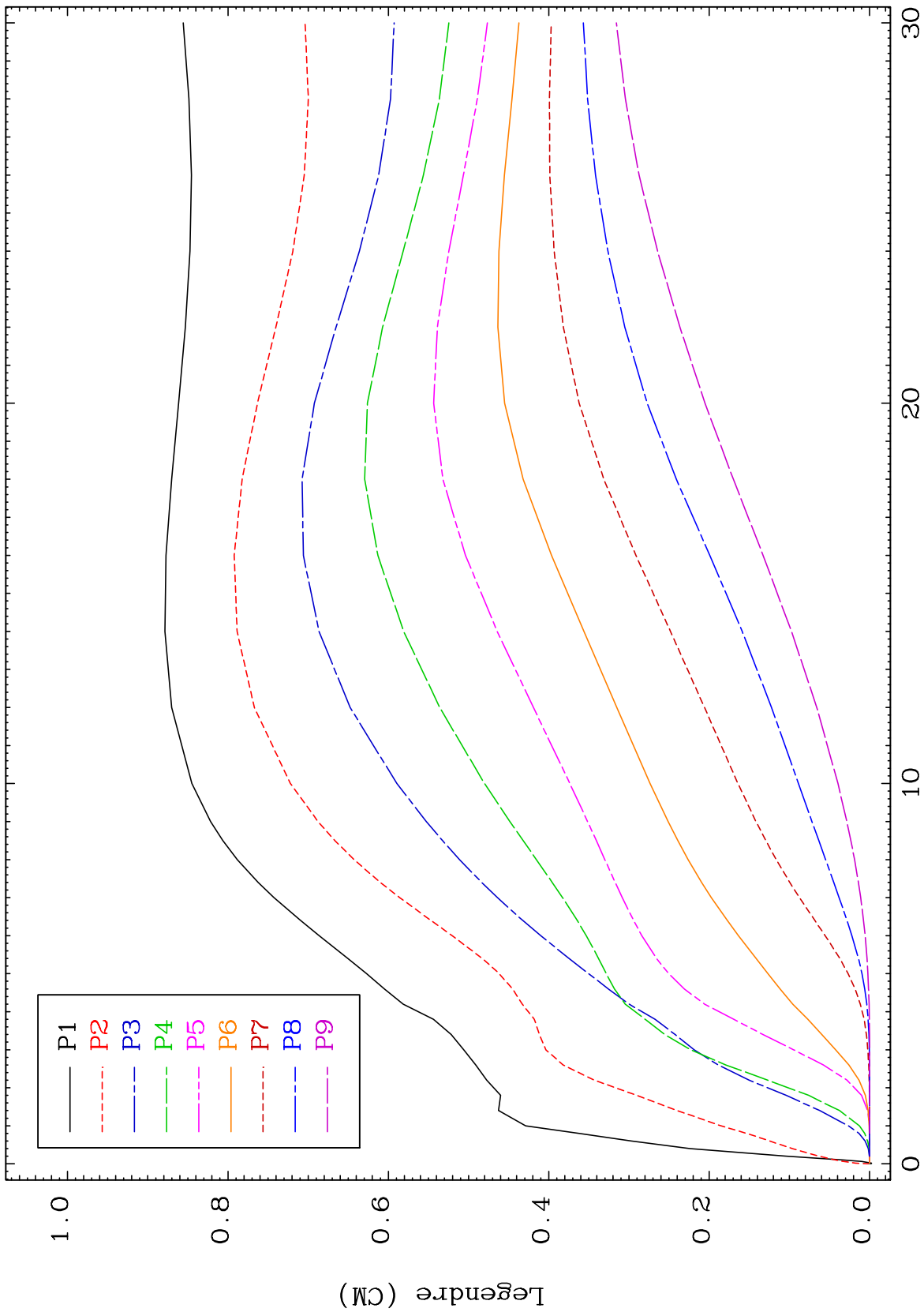




MAT 3943

Elastic Legendre Coefficients

39-Y -95



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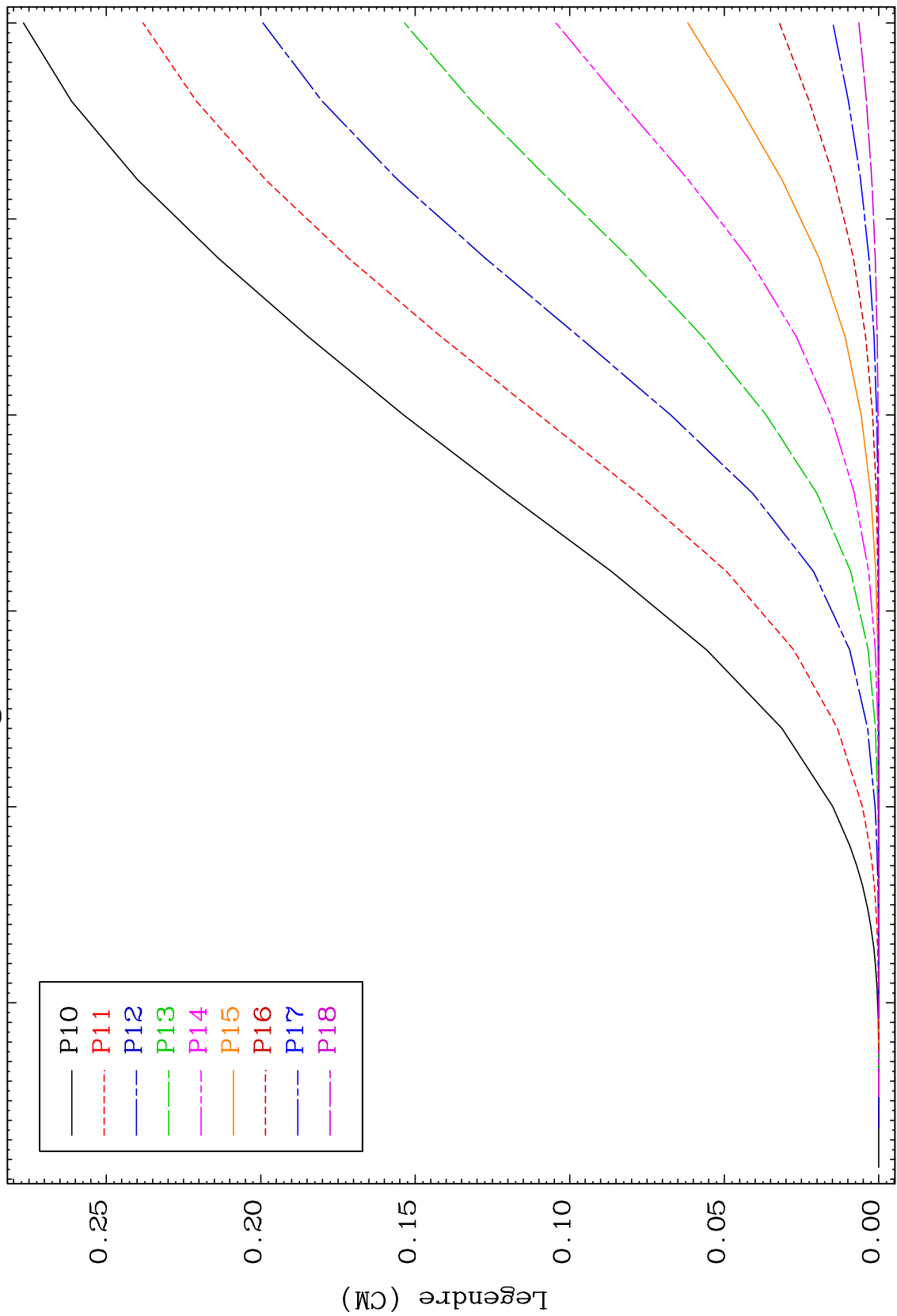
Incident Energy (MeV)

39-Y -95

MAT 3943

### Elastic Legendre Coefficients

39-Y -95



17

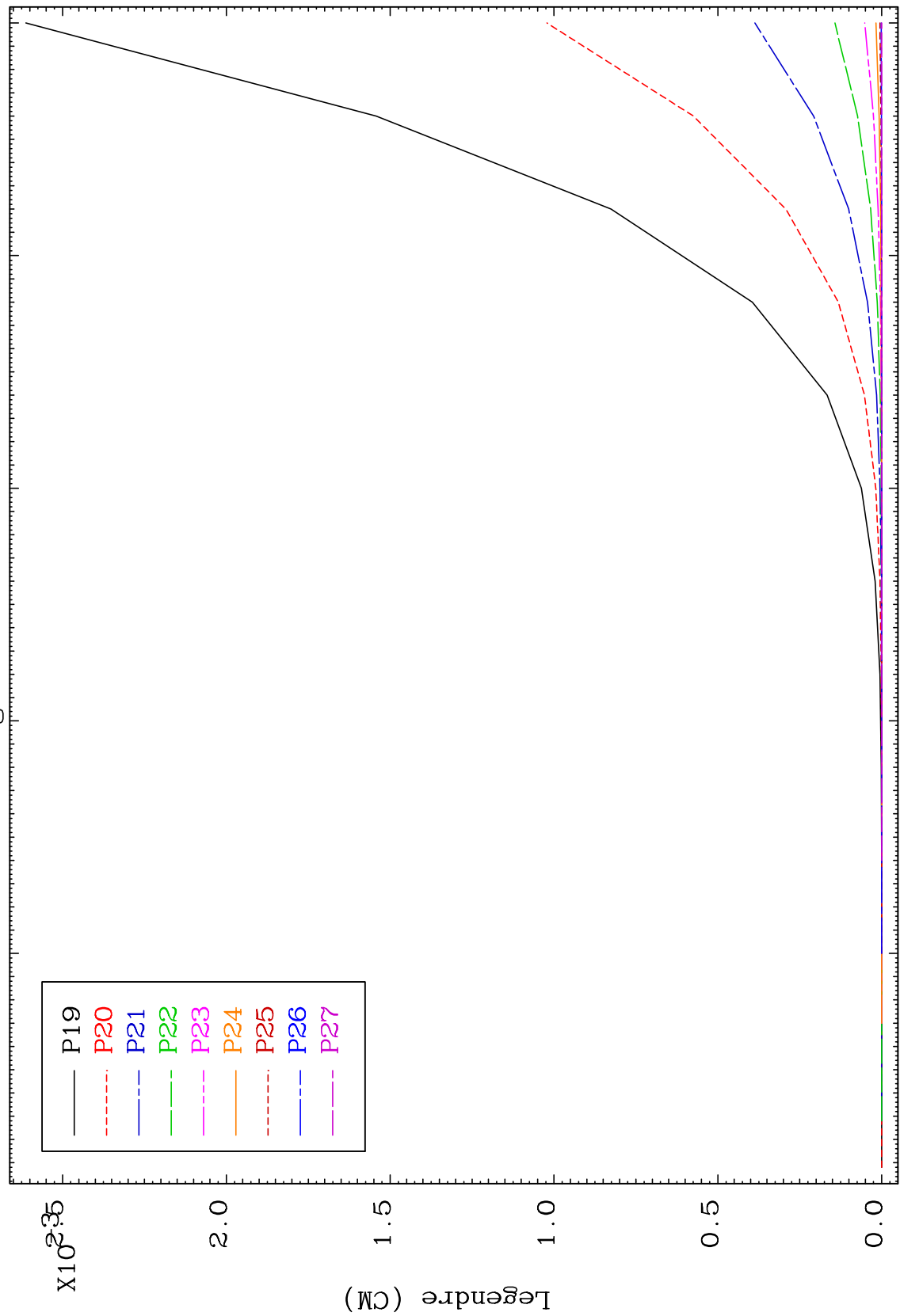
Incident Energy (MeV)

39-Y -95

MAT 3943

Elastic Legendre Coefficients

39-Y -95



18

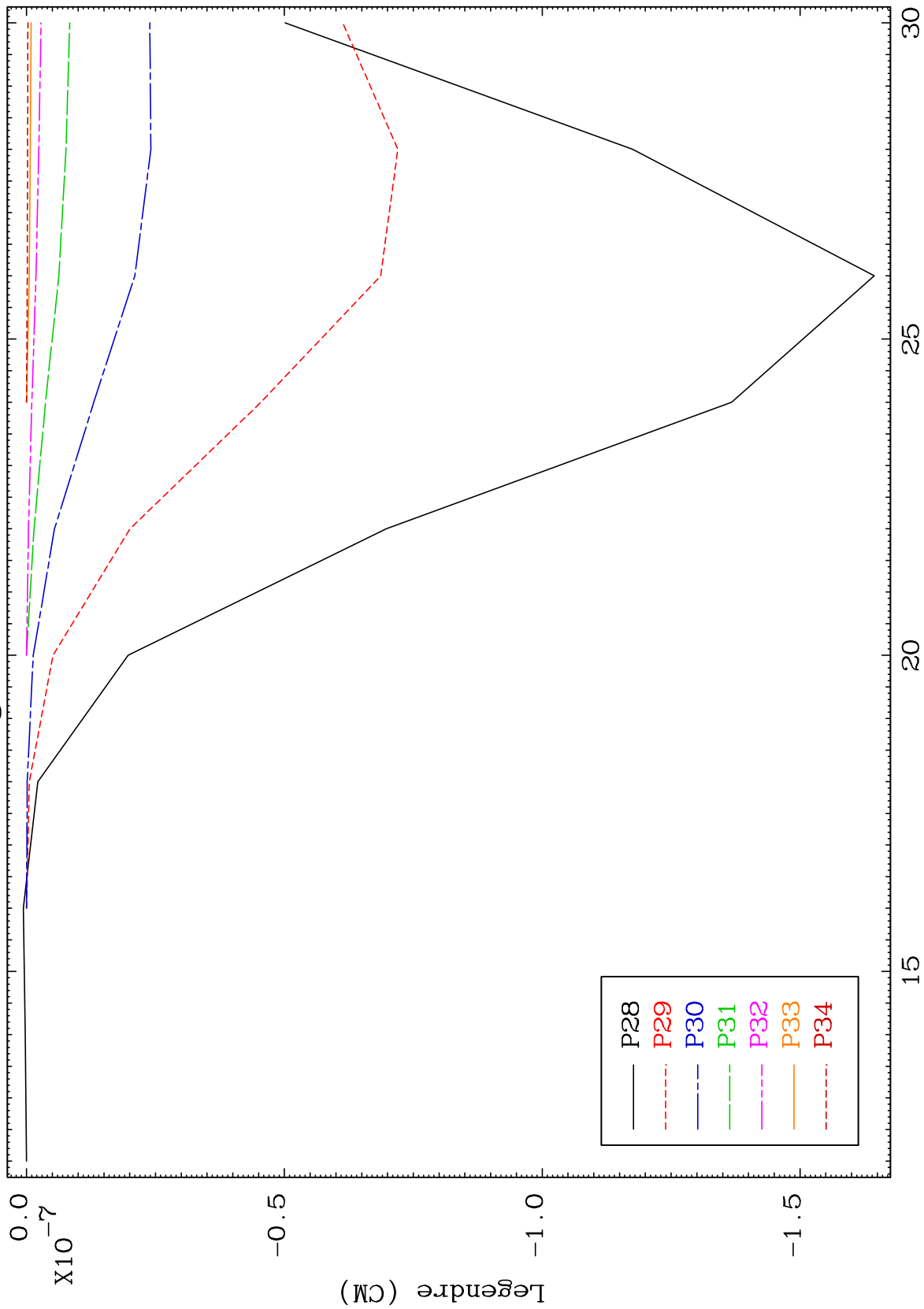
Incident Energy (MeV)

39-Y -95

MAT 3943

Elastic Legendre Coefficients

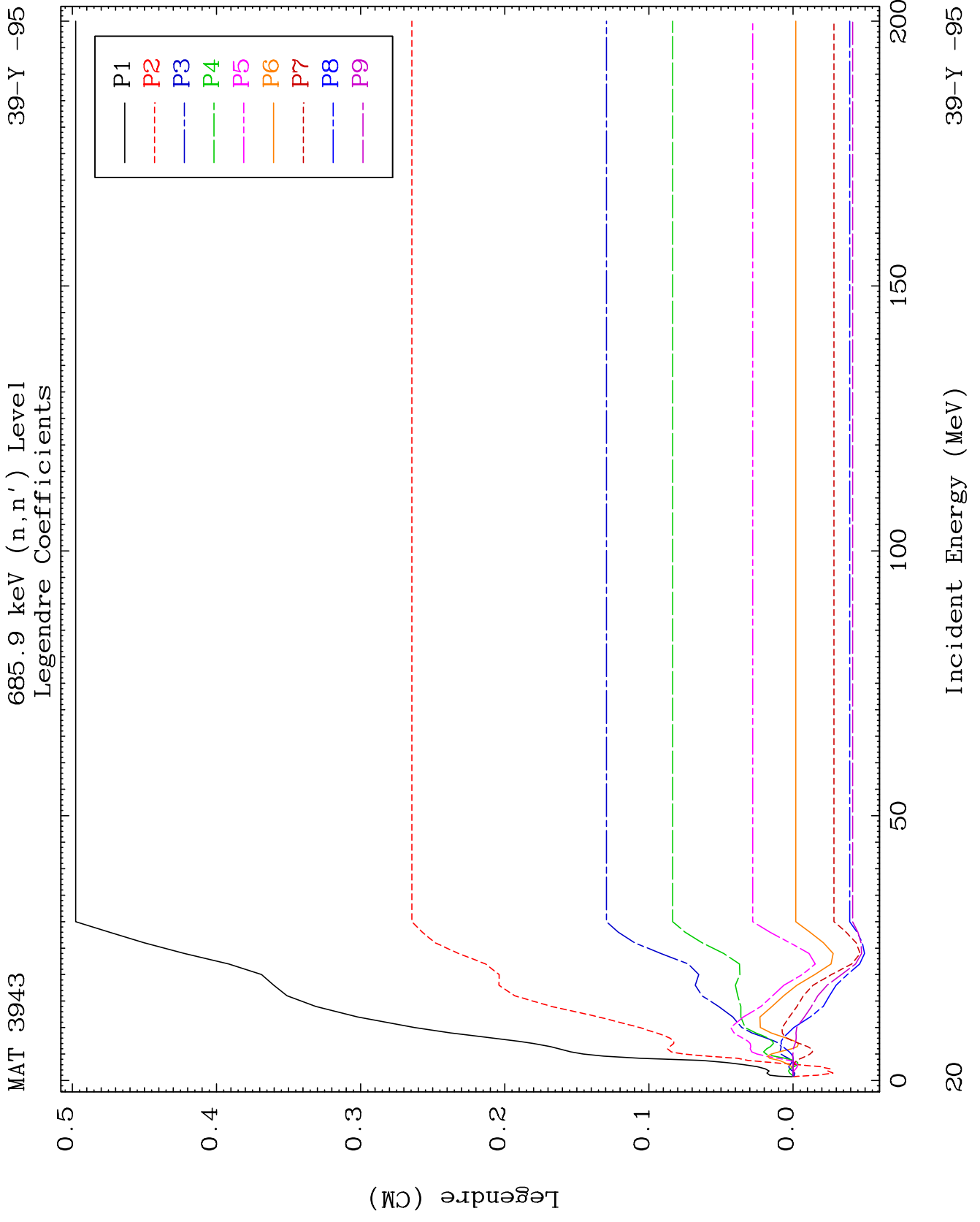
39-Y -95



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Incident Energy (MeV)

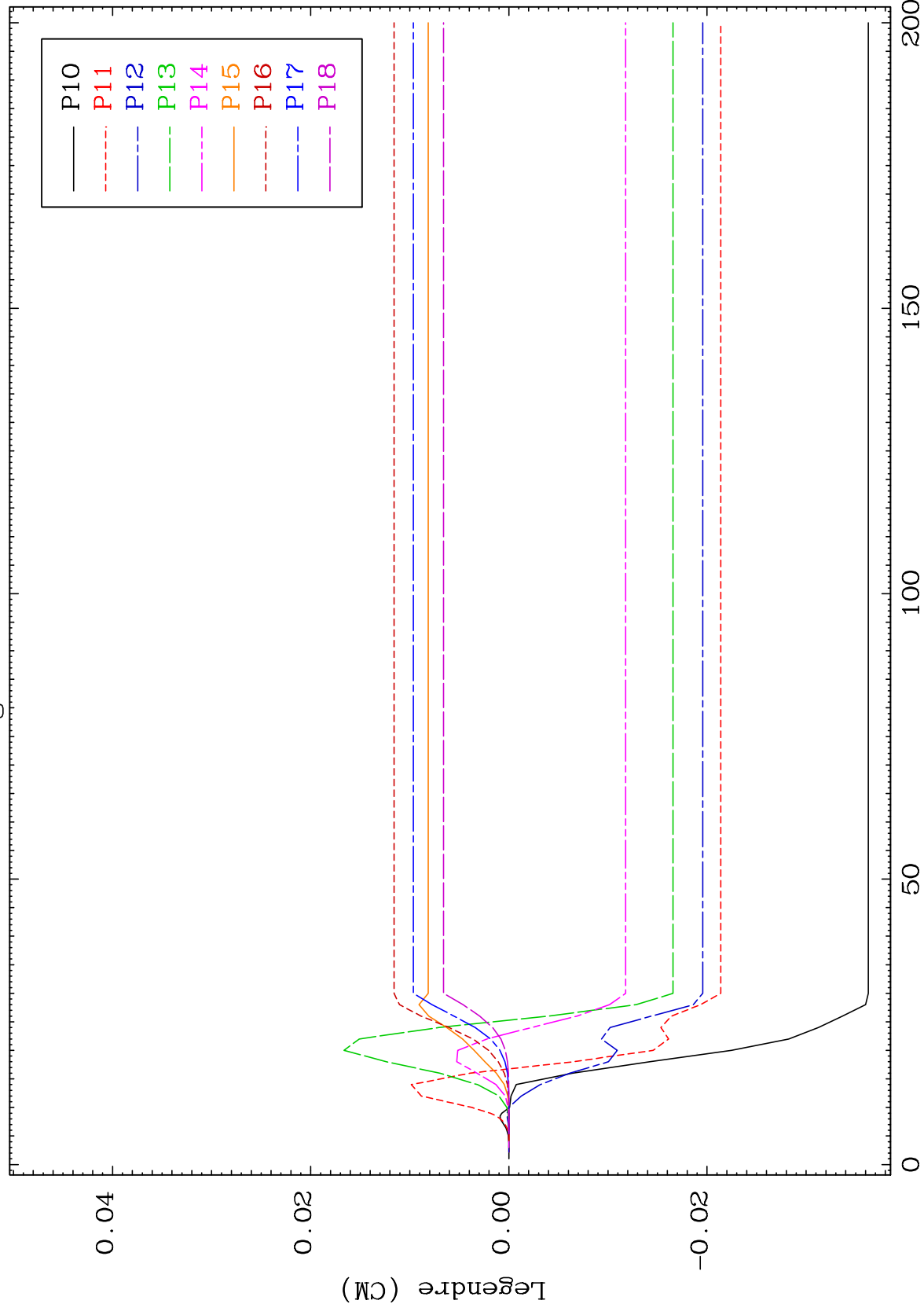
39-Y -95



MAT 3943

685.9 keV (n,n') Level  
Legendre Coefficients

39-Y -95



21

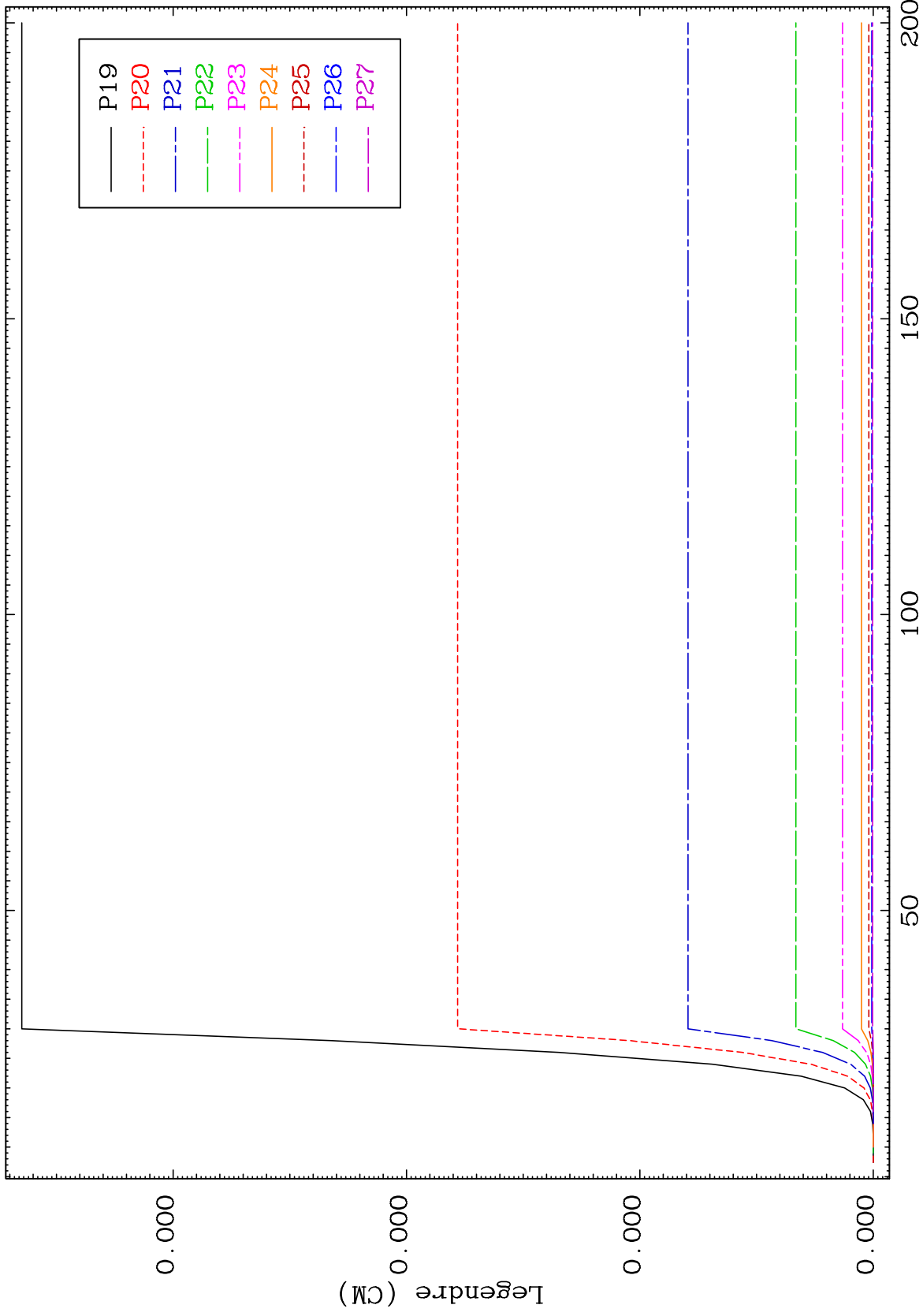
Incident Energy (MeV)

39-Y -95

MAT 3943

685.9 keV (n,n') Level Legendre Coefficients

39-Y -95



22

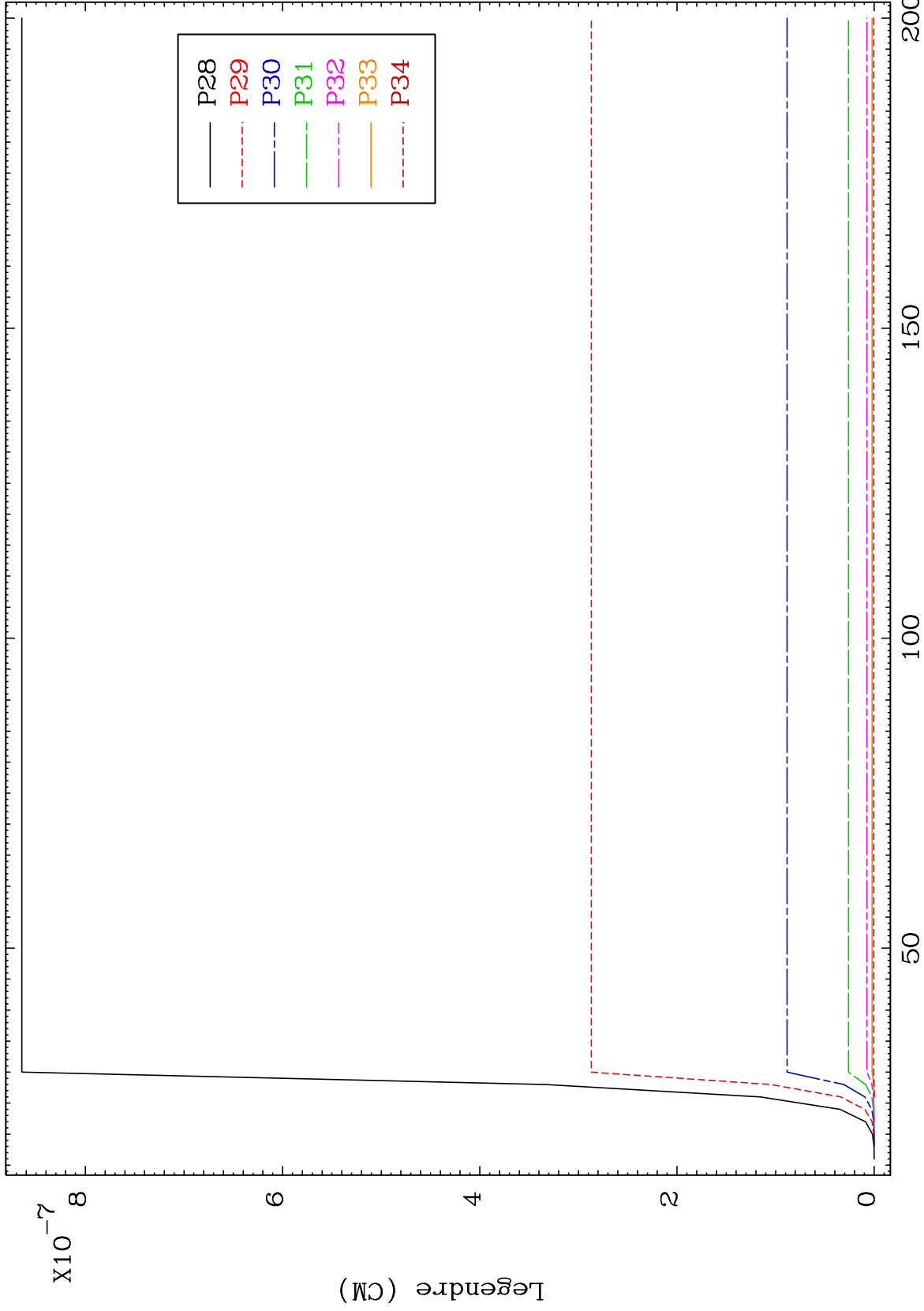
Incident Energy (MeV)

39-Y -95

MAT 3943

685.9 keV (n,n') Level  
Legendre Coefficients

39-Y -95

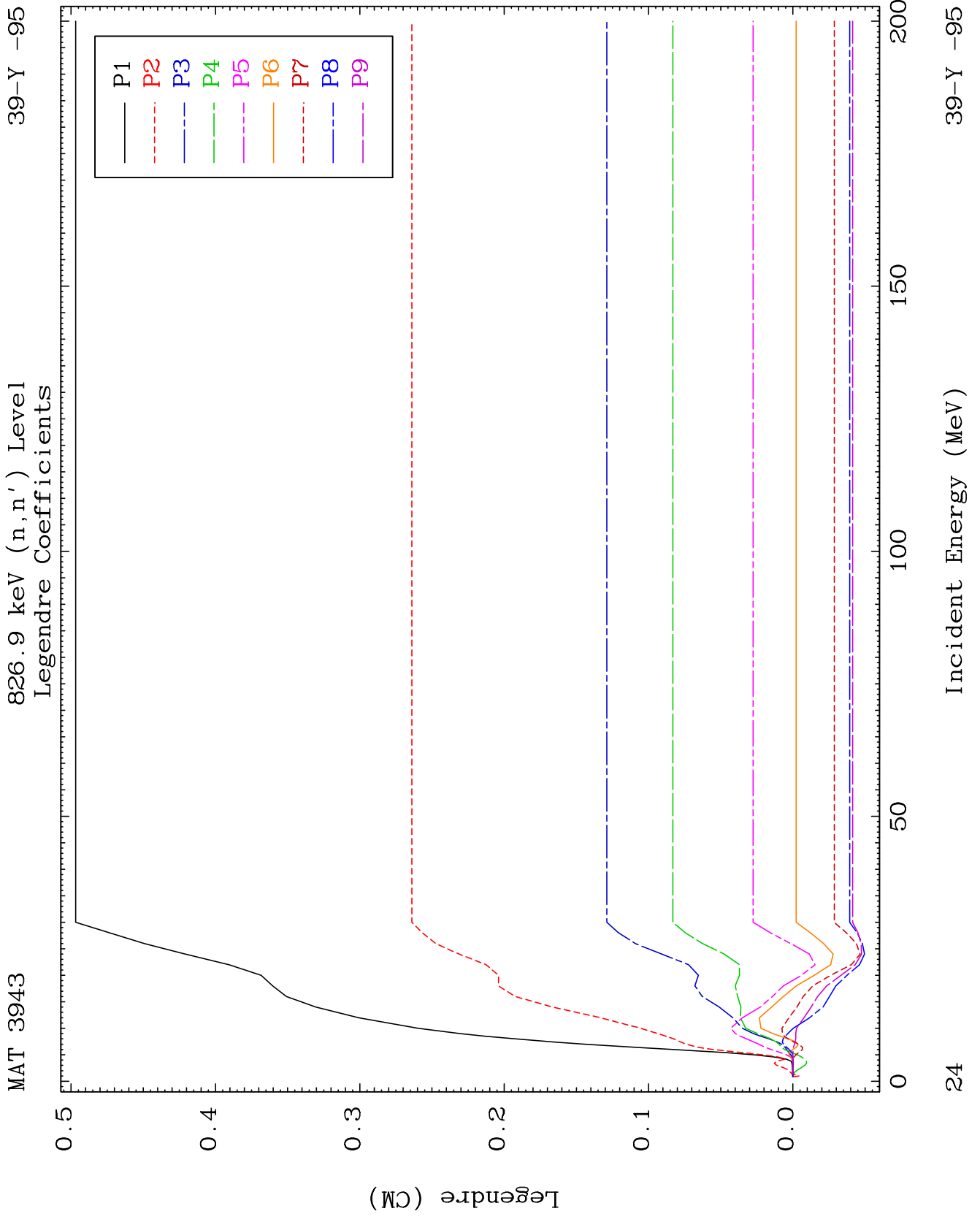


23

Incident Energy (MeV)

39-Y -95

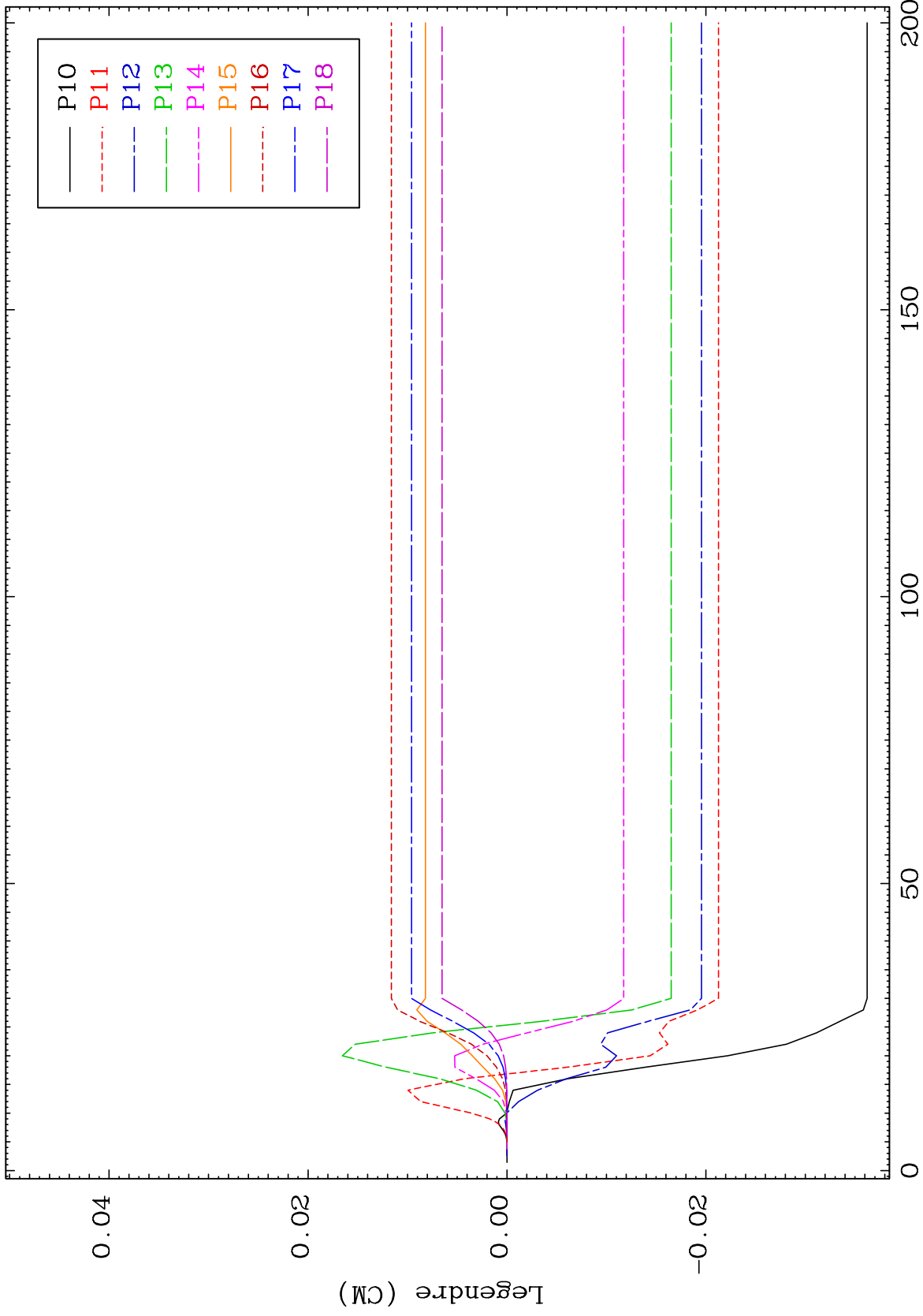




MAT 3943

826.9 keV (n,n') Level  
Legendre Coefficients

39-Y -95



25

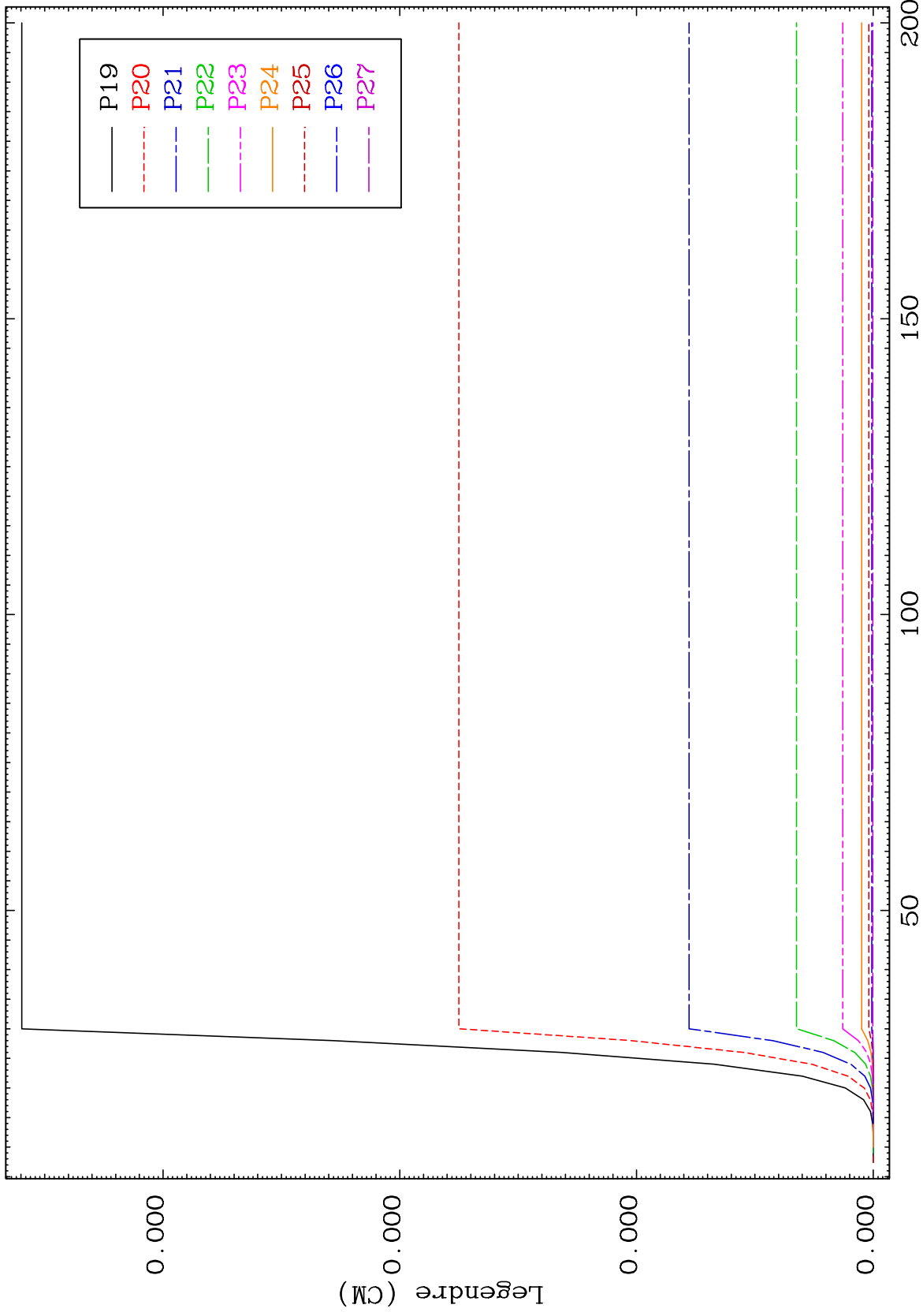
Incident Energy (MeV)

39-Y -95

MAT 3943

826.9 keV (n,n') Level  
Legendre Coefficients

39-Y -95



26

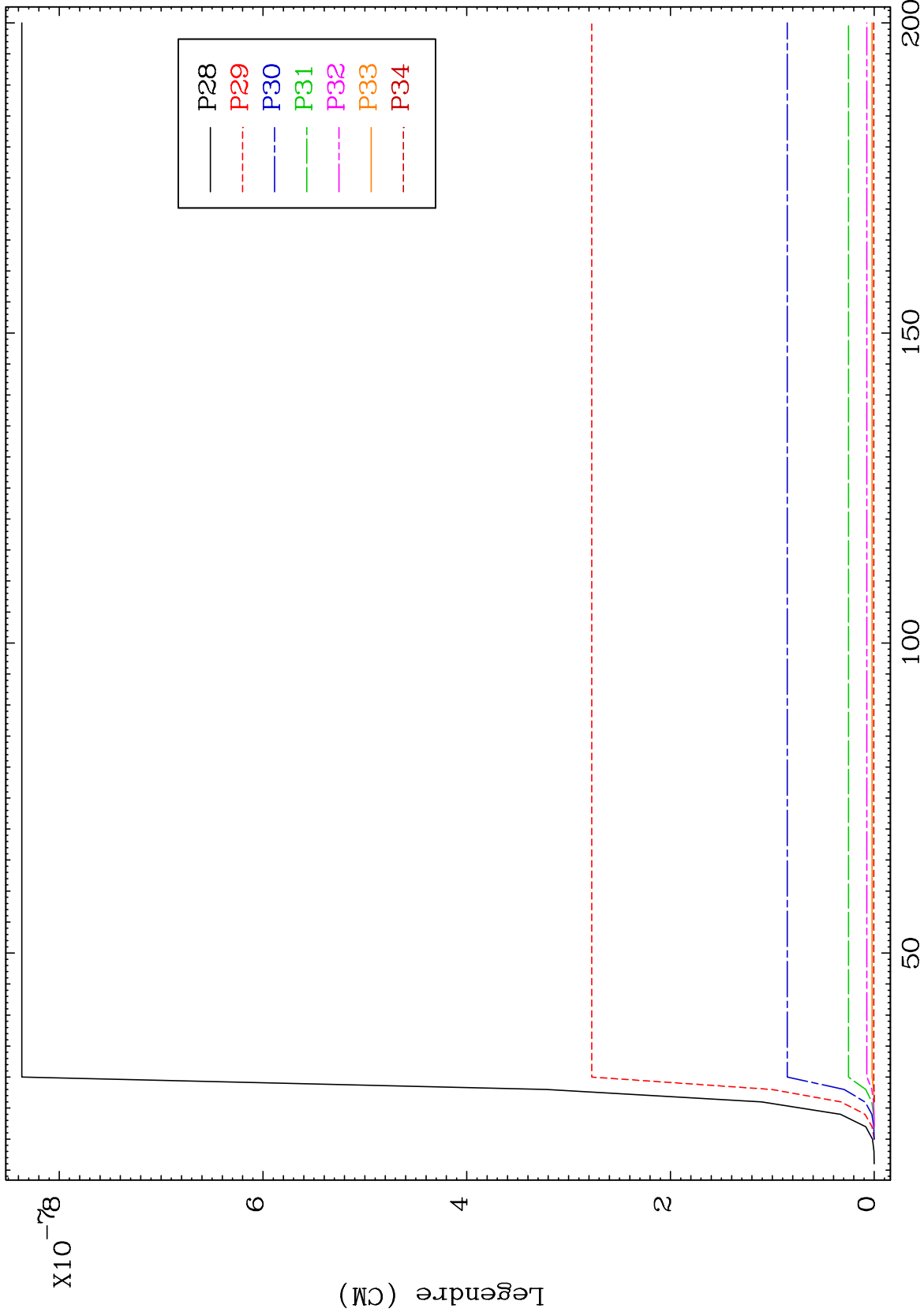
Incident Energy (MeV)

39-Y -95

MAT 3943

826.9 keV (n,n') Level  
Legendre Coefficients

39-Y -95



27

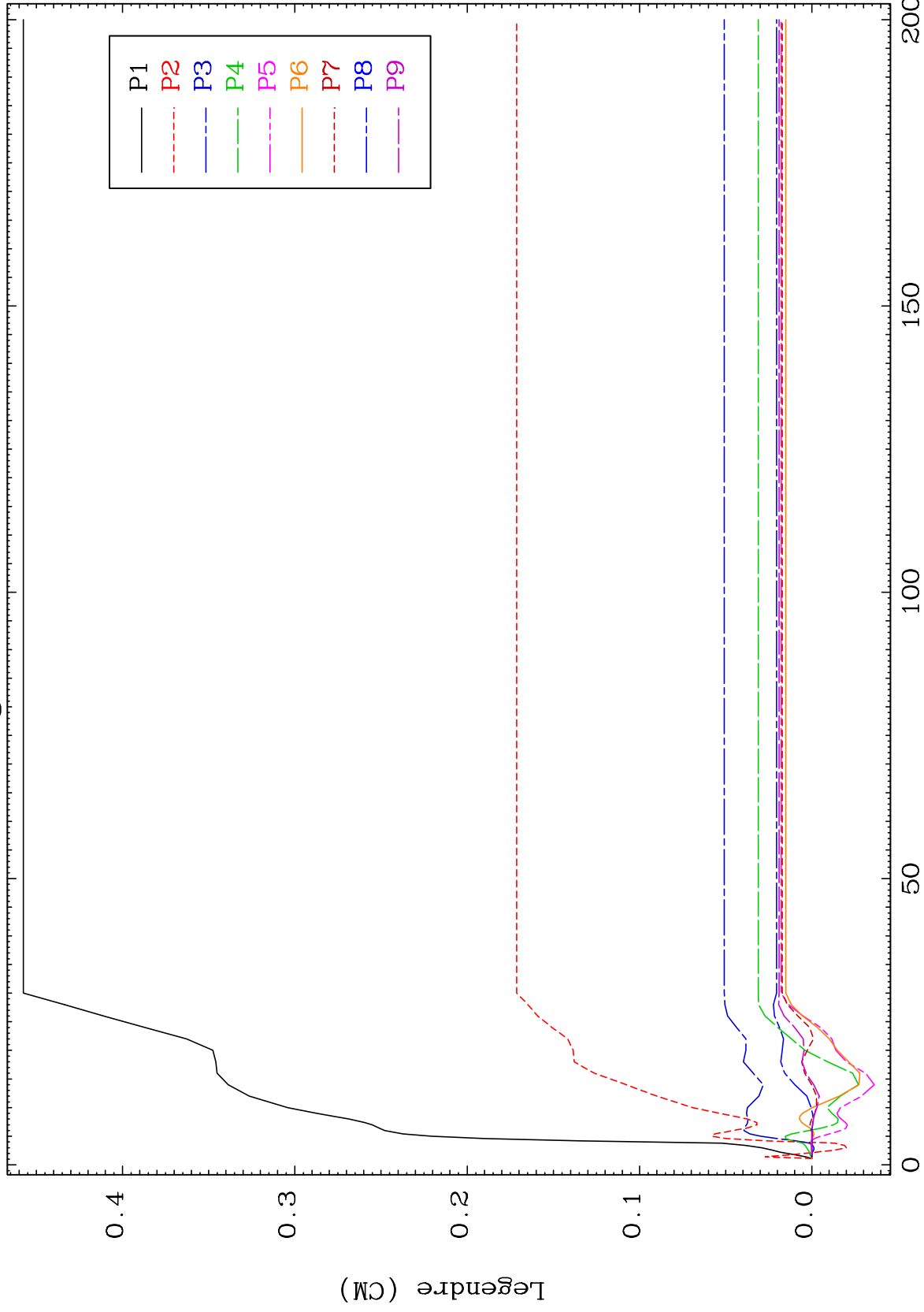
Incident Energy (MeV)

39-Y -95

MAT 3943

1.088 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



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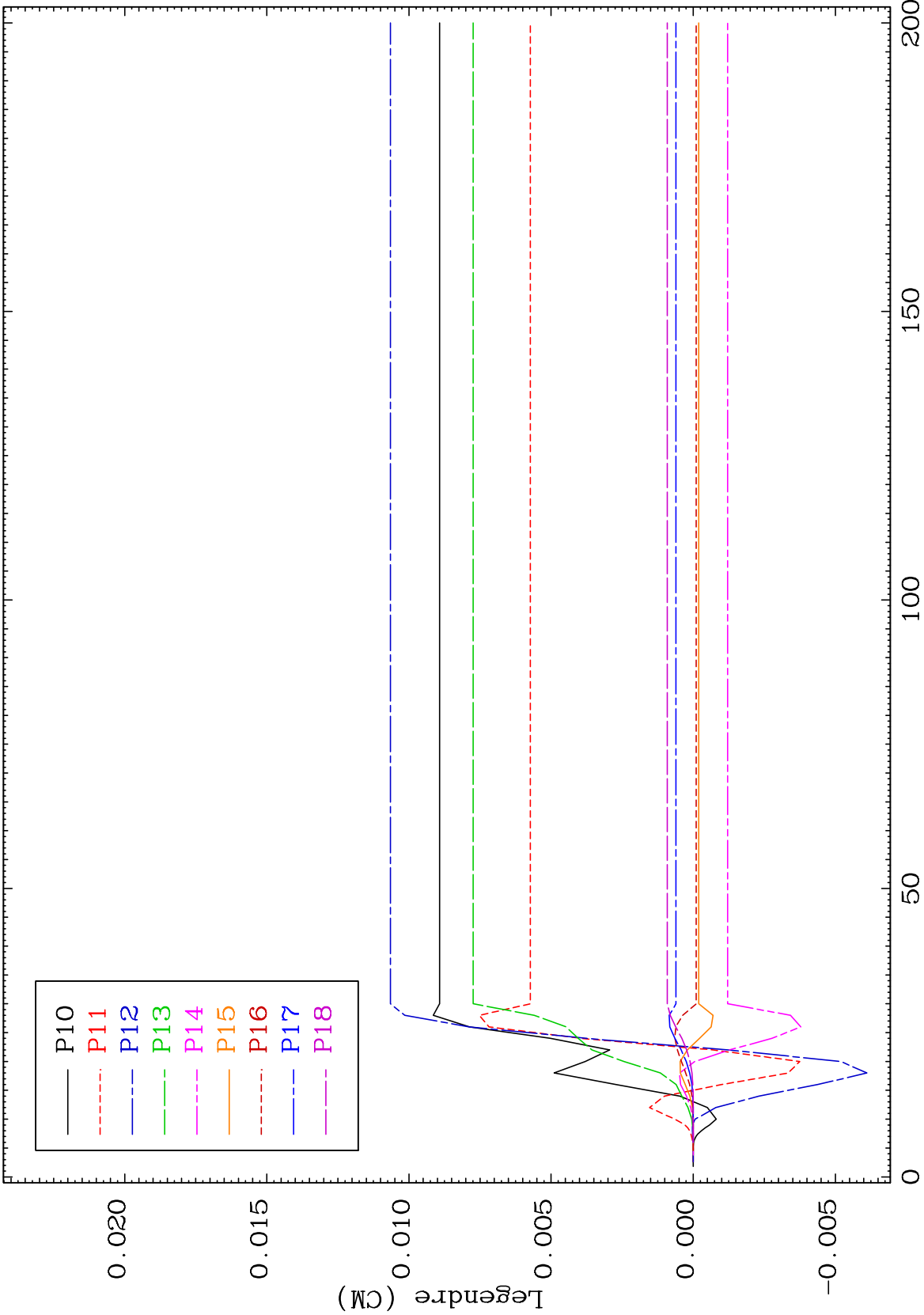
Incident Energy (MeV)

39-Y -95

MAT 3943

1.088 MeV (n,n') Level  
Legendre Coefficients

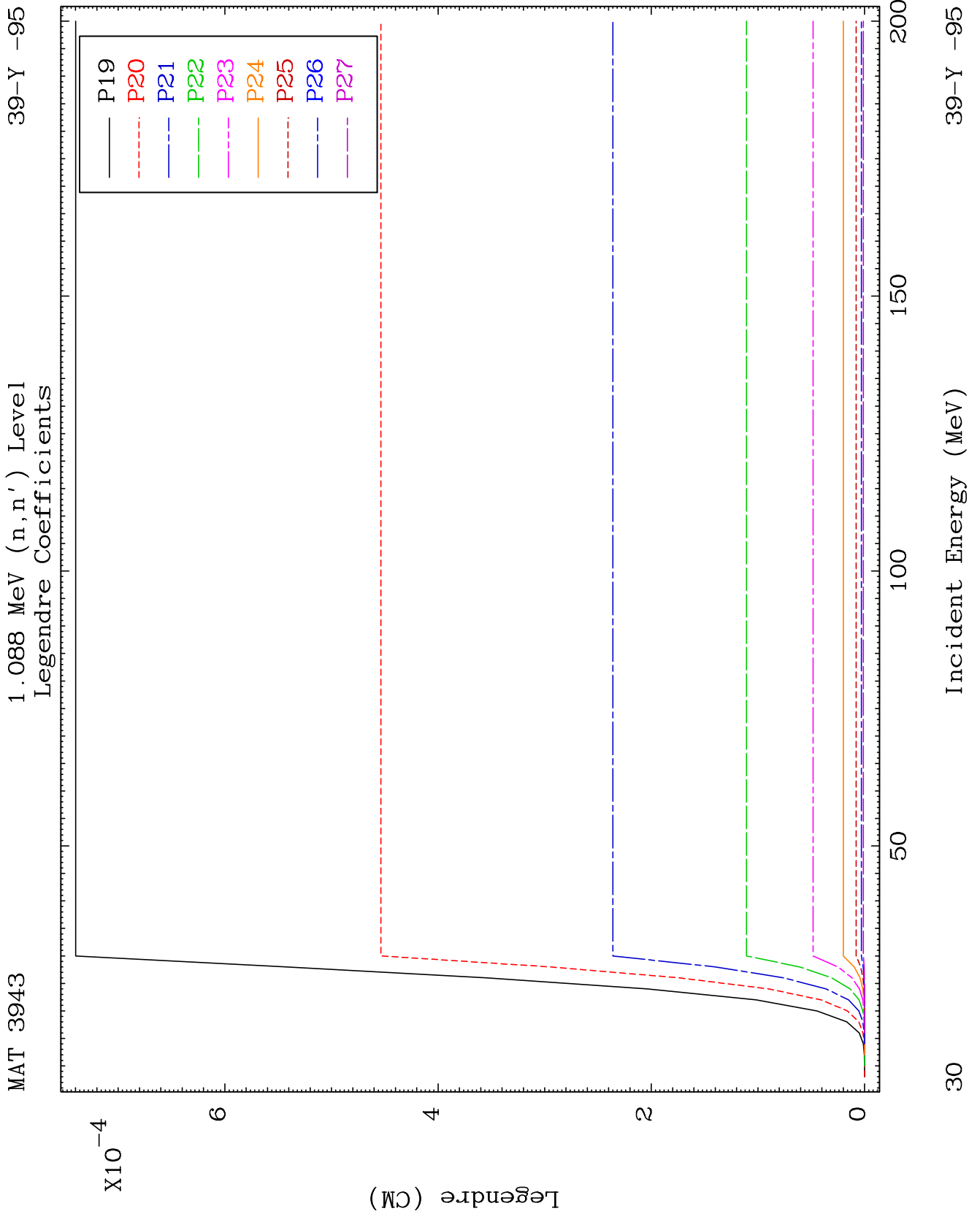
39-Y -95



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Incident Energy (MeV)

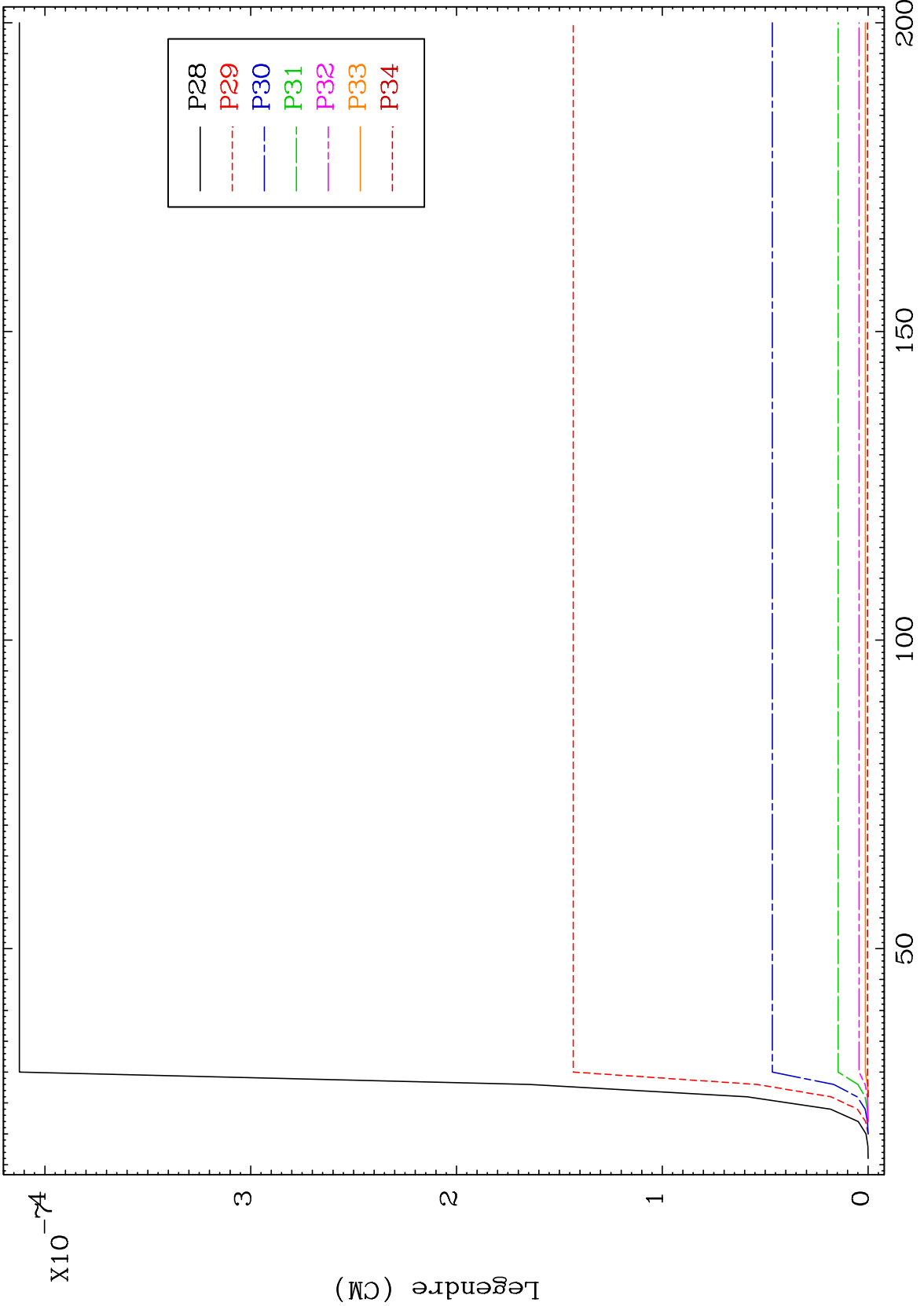
39-Y -95



MAT 3943

1.088 MeV (n,n') Level  
Legendre Coefficients

39-Y -95

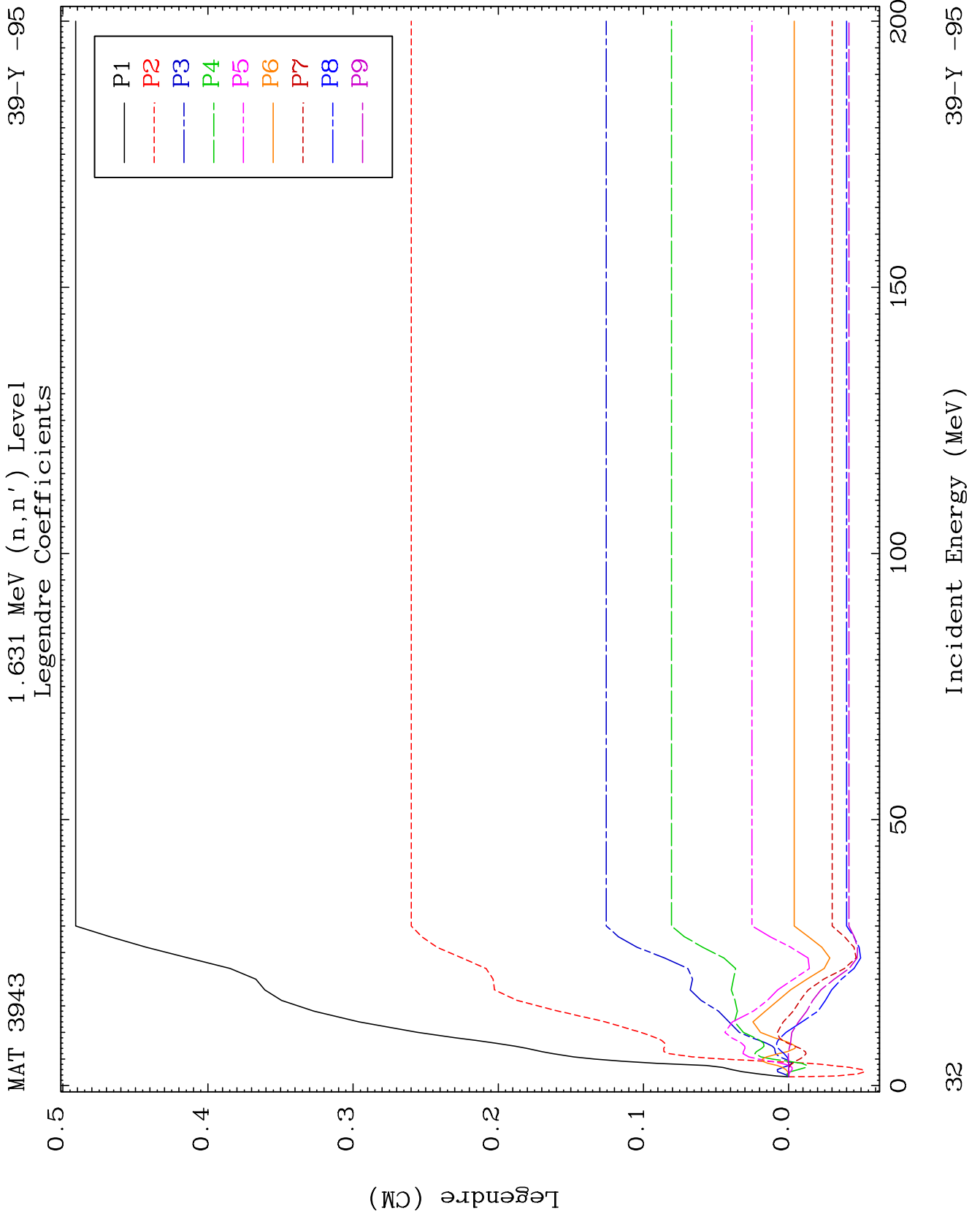


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Incident Energy (MeV)

39-Y -95

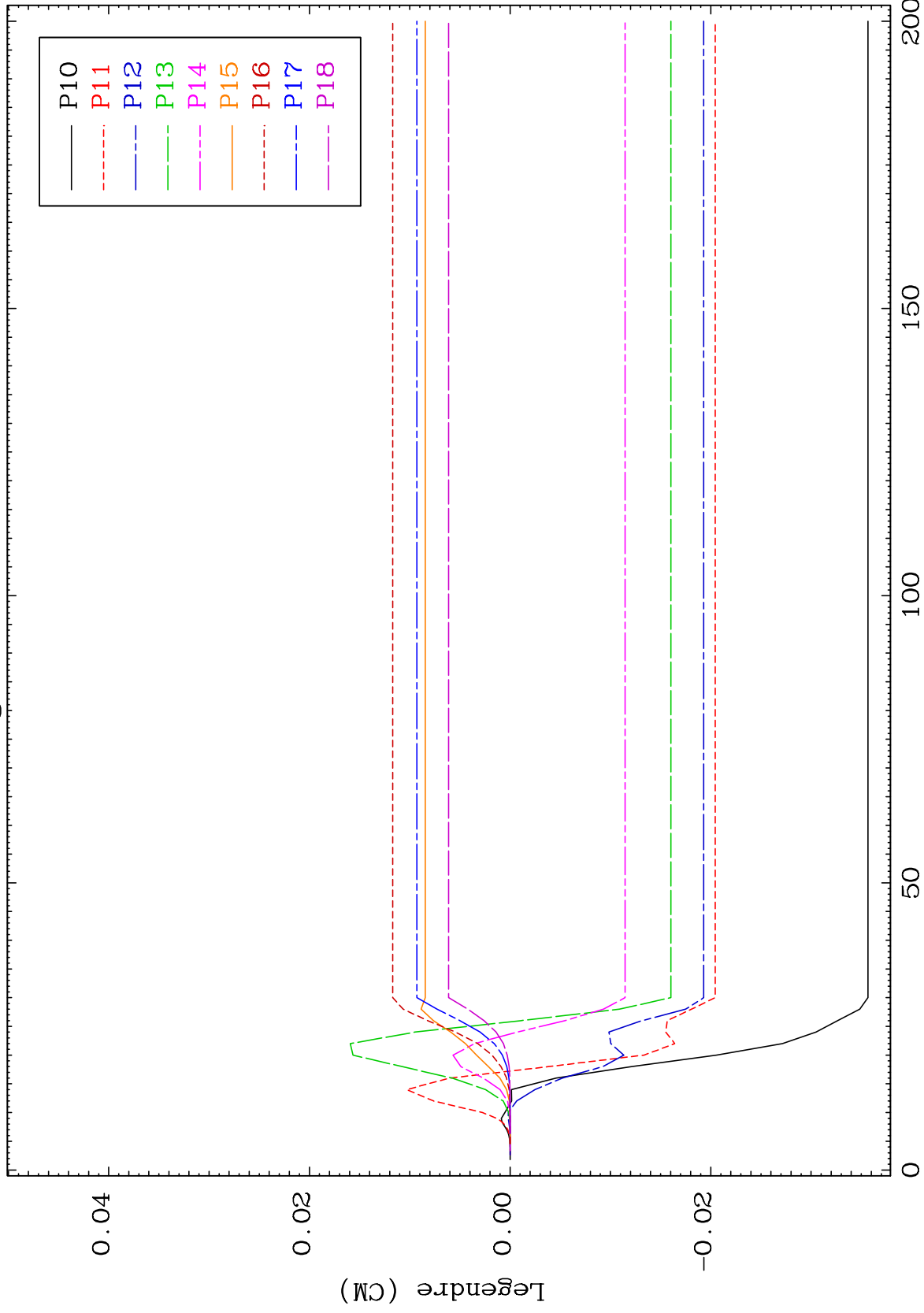




MAT 3943

1.631 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



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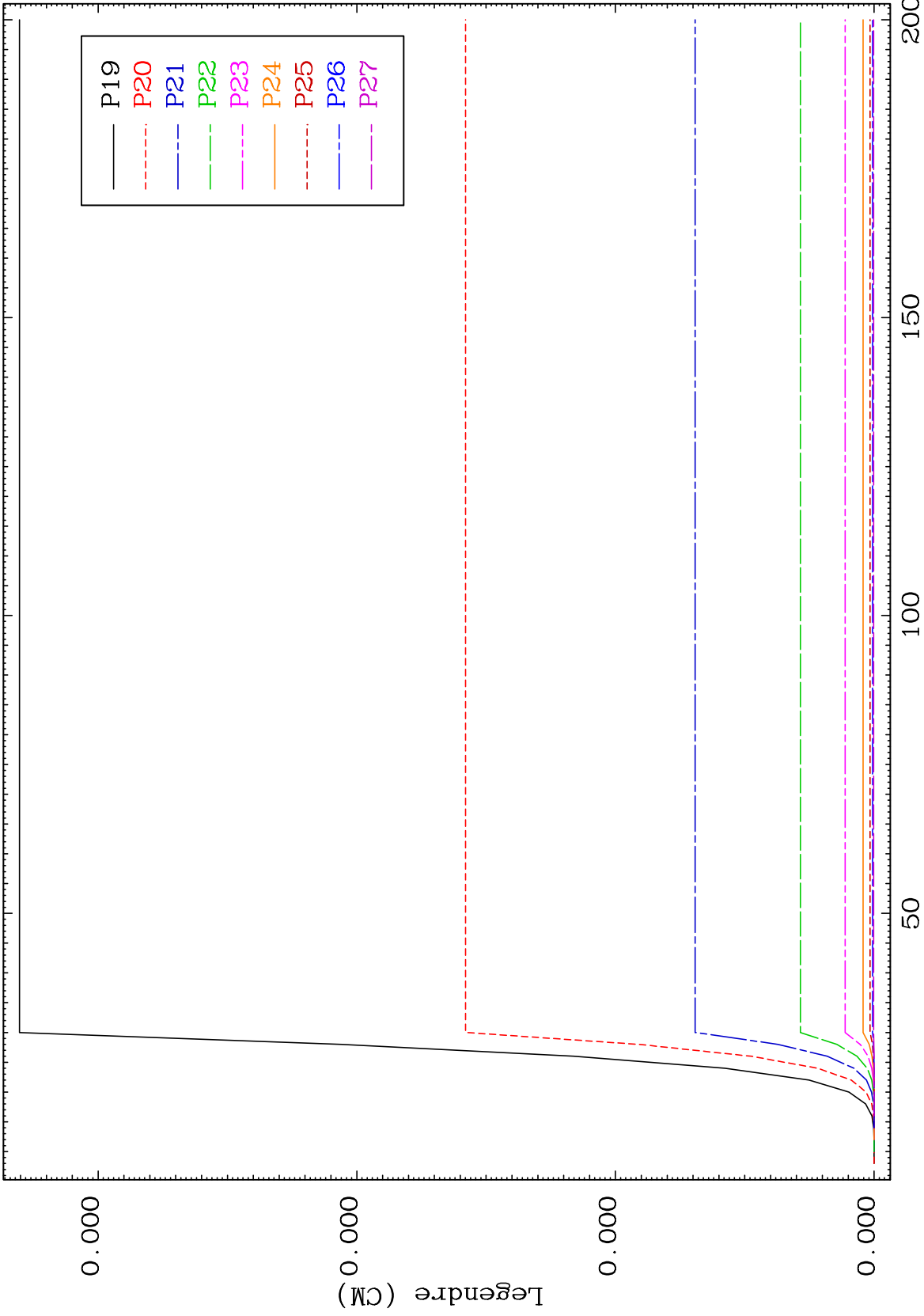
Incident Energy (MeV)

39-Y -95

MAT 3943

1.631 MeV (n,n') Level  
Legendre Coefficients

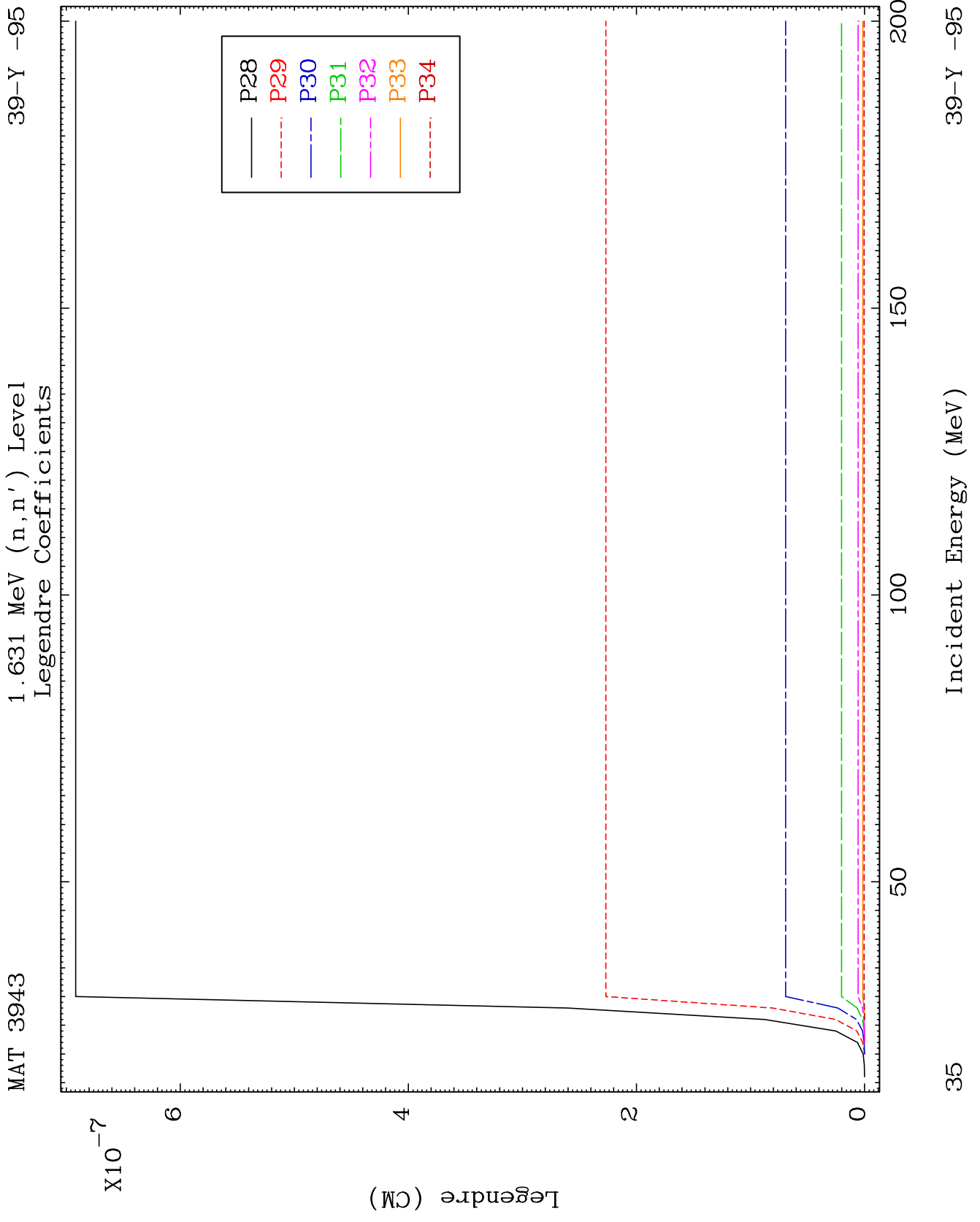
39-Y -95



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Incident Energy (MeV)

39-Y -95

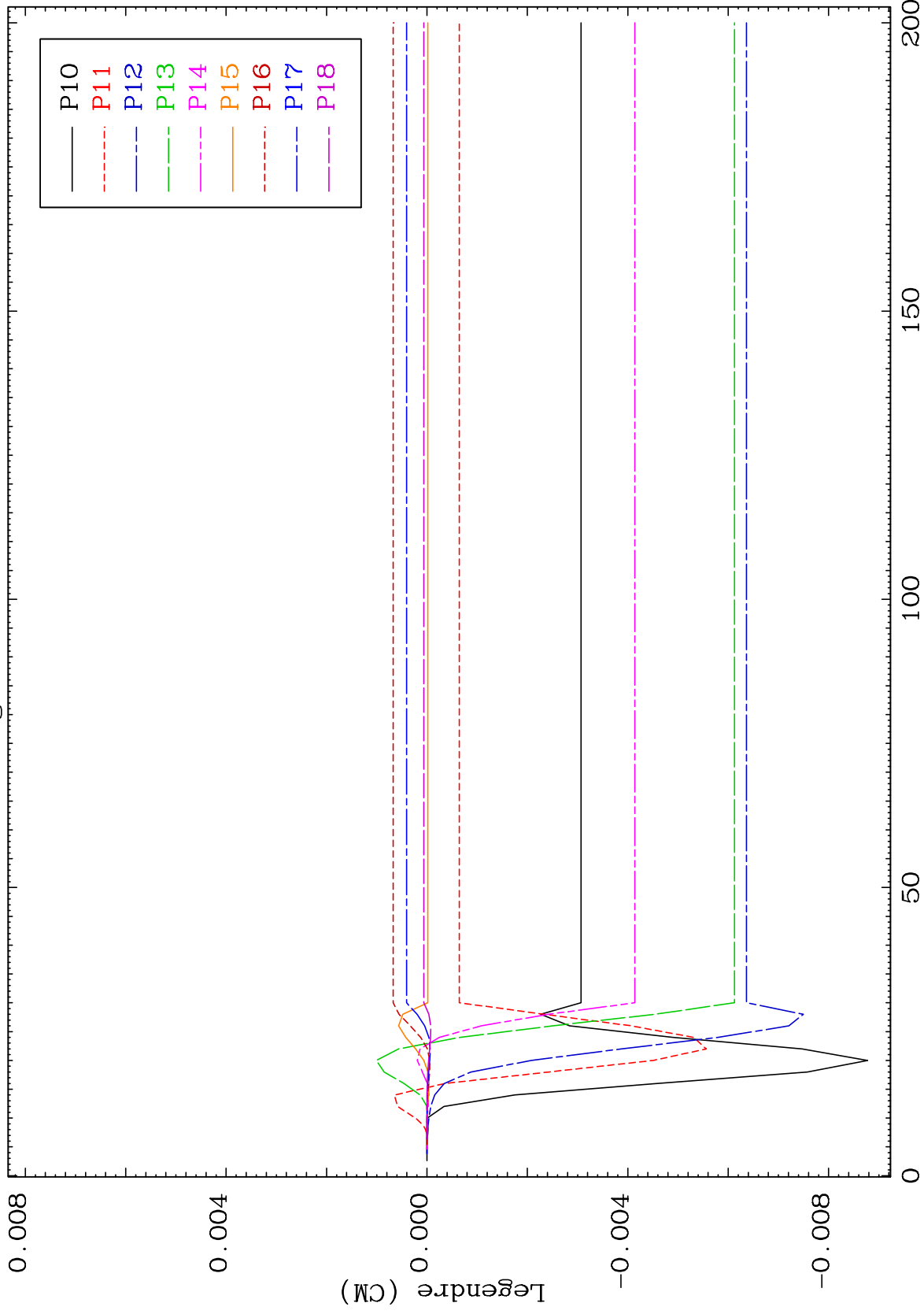




MAT 3943

1.828 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



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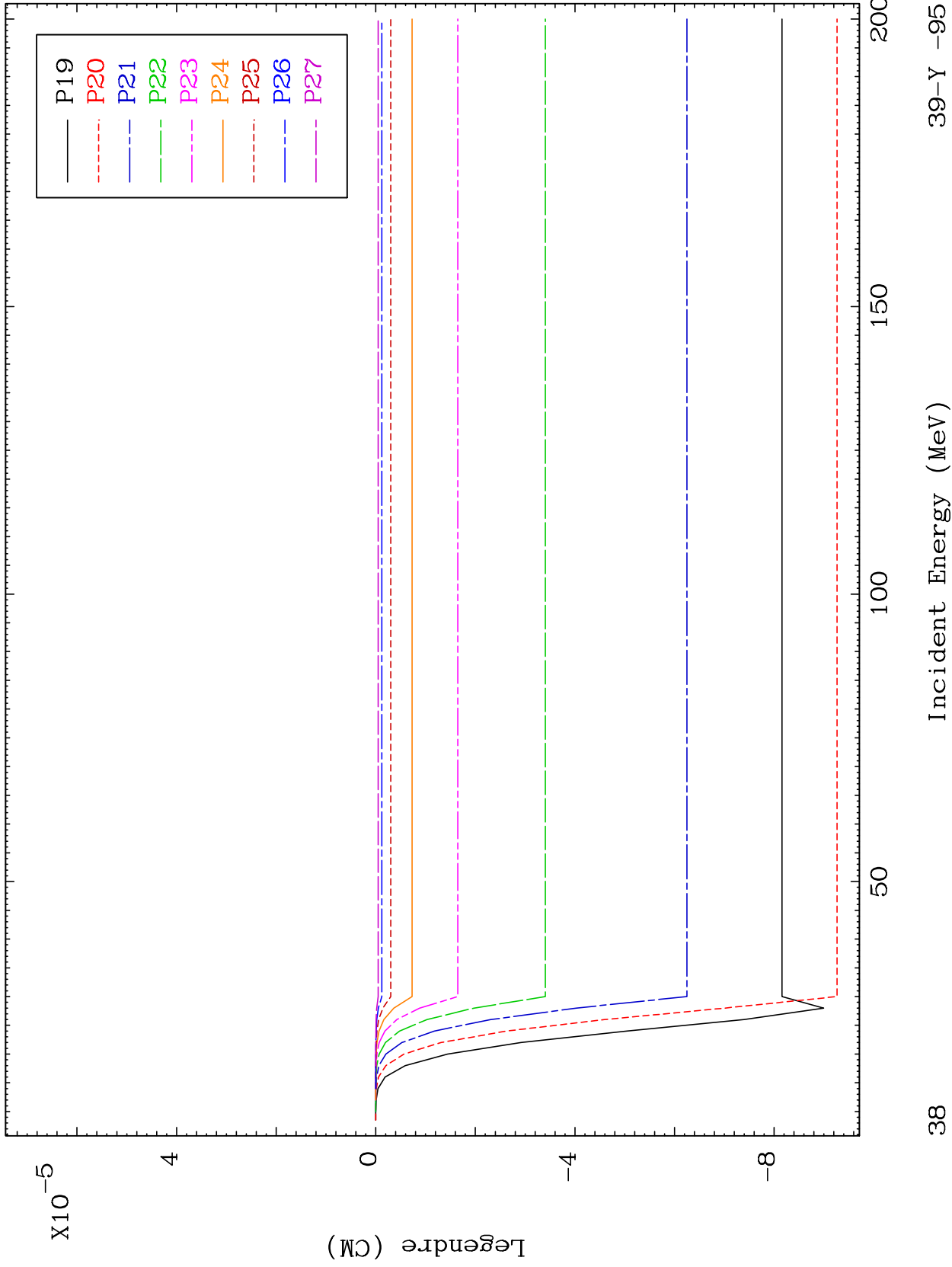
Incident Energy (MeV)

39-Y -95

MAT 3943

1.828 MeV (n,n') Level  
Legendre Coefficients

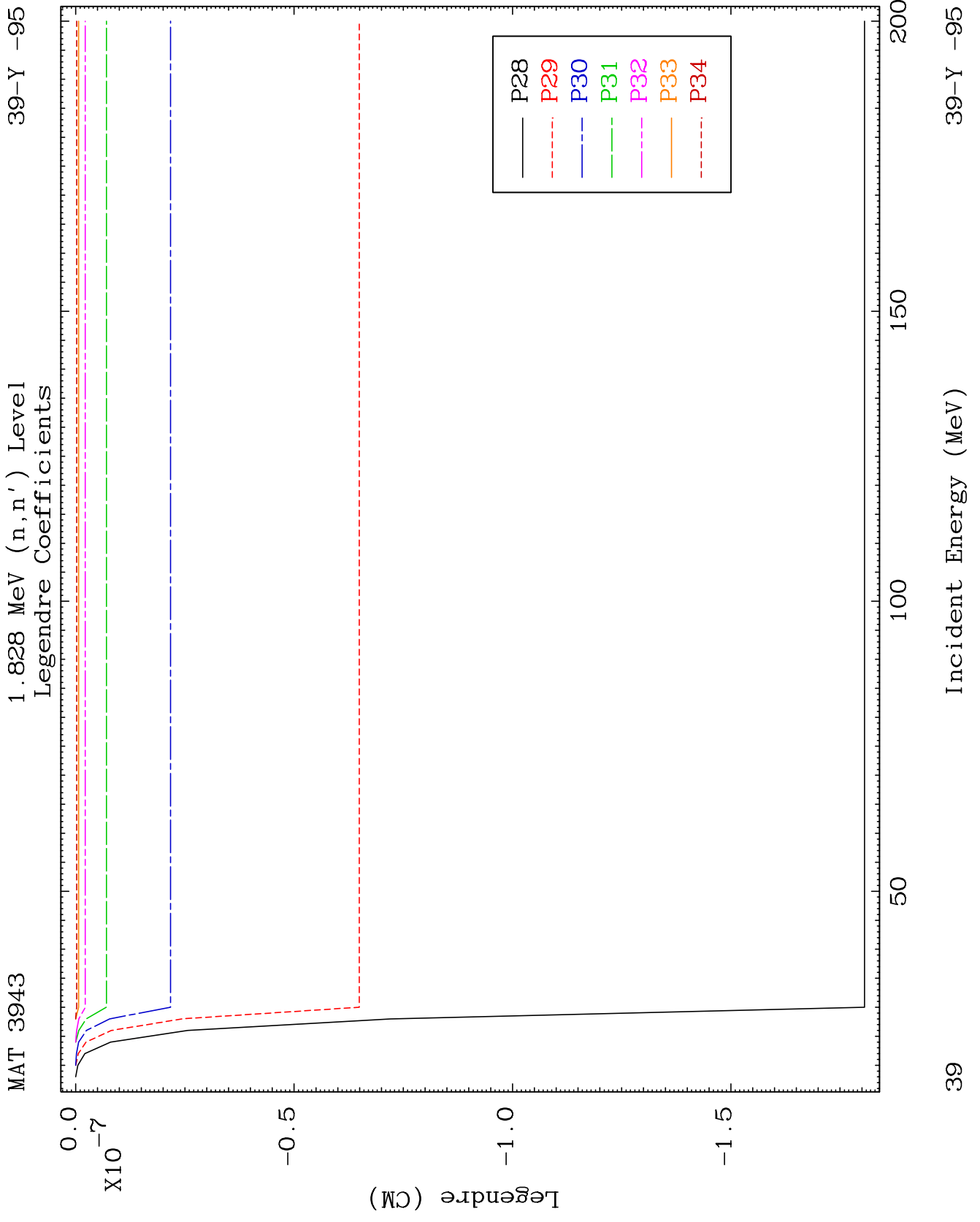
39-Y -95



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Incident Energy (MeV)

39-Y -95

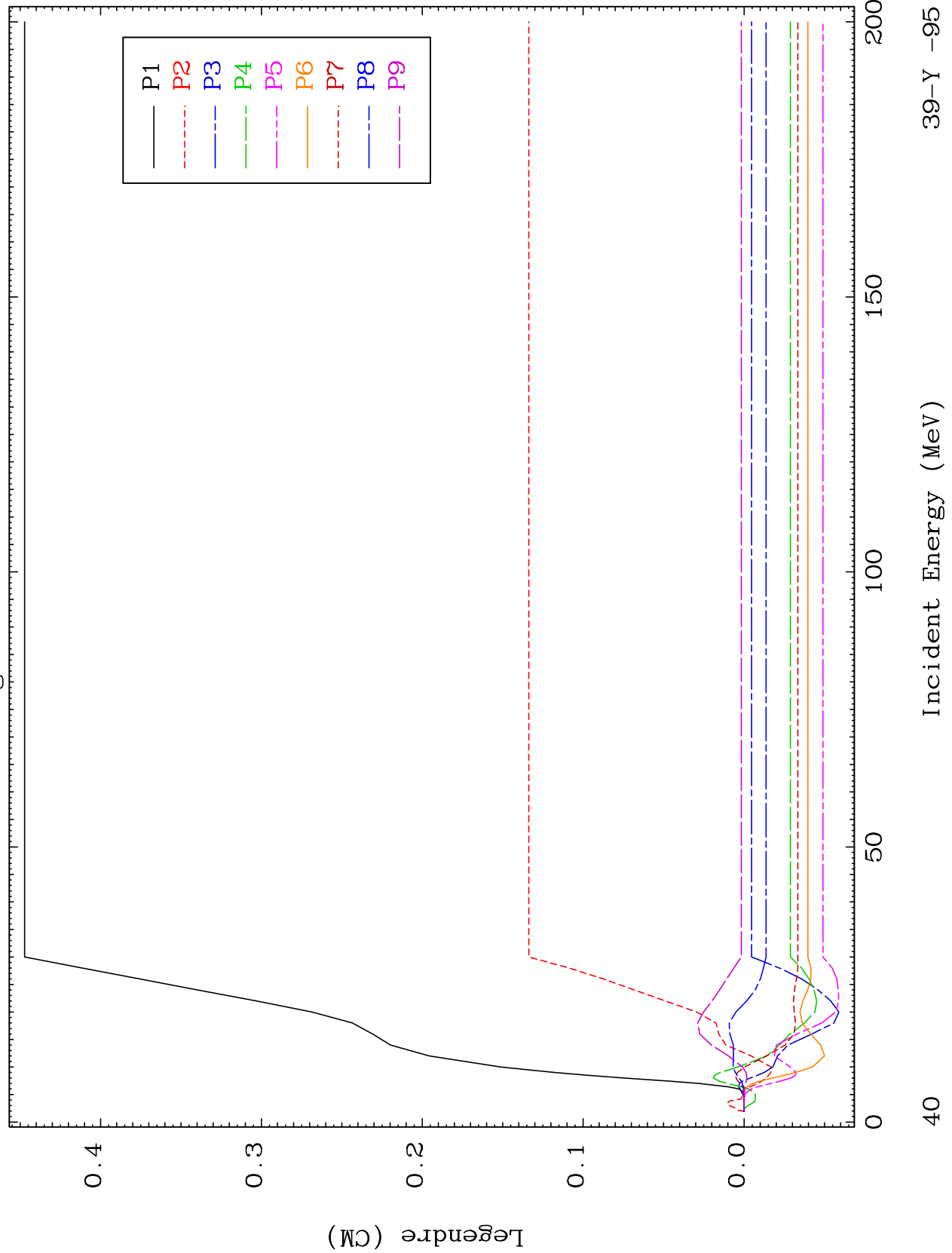




MAT 3943

1.890 MeV (n,n') Level  
Legendre Coefficients

39-Y -95

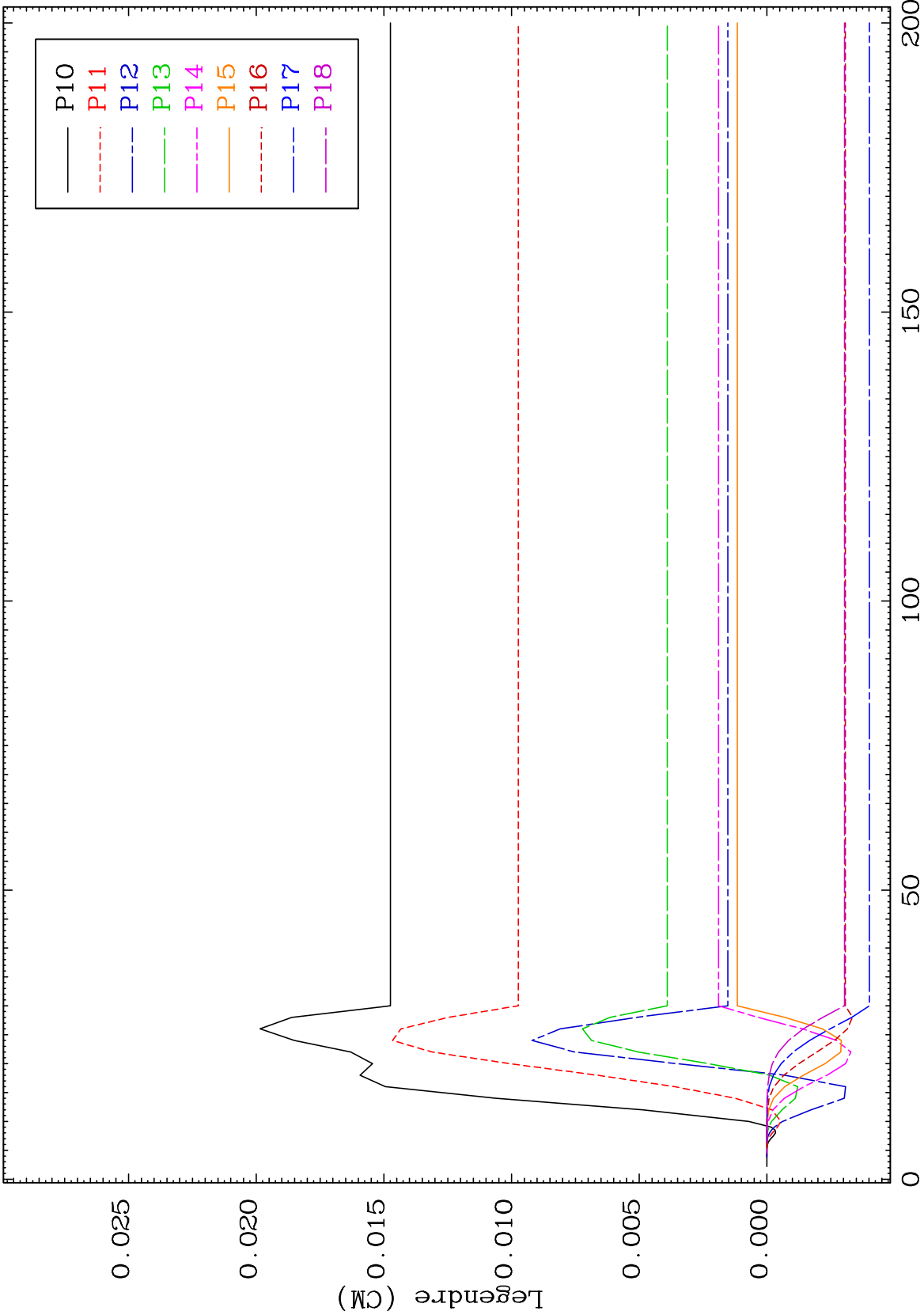


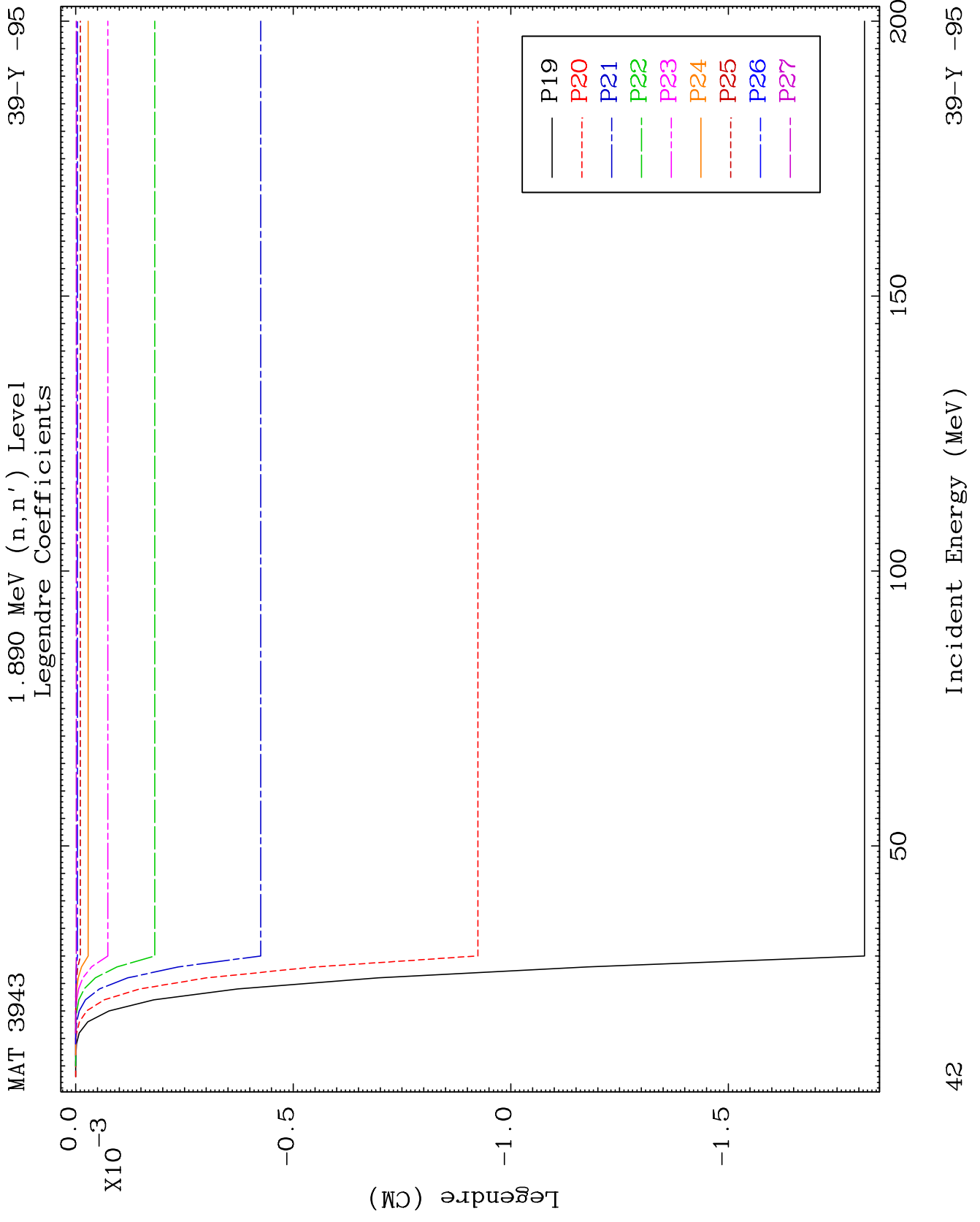
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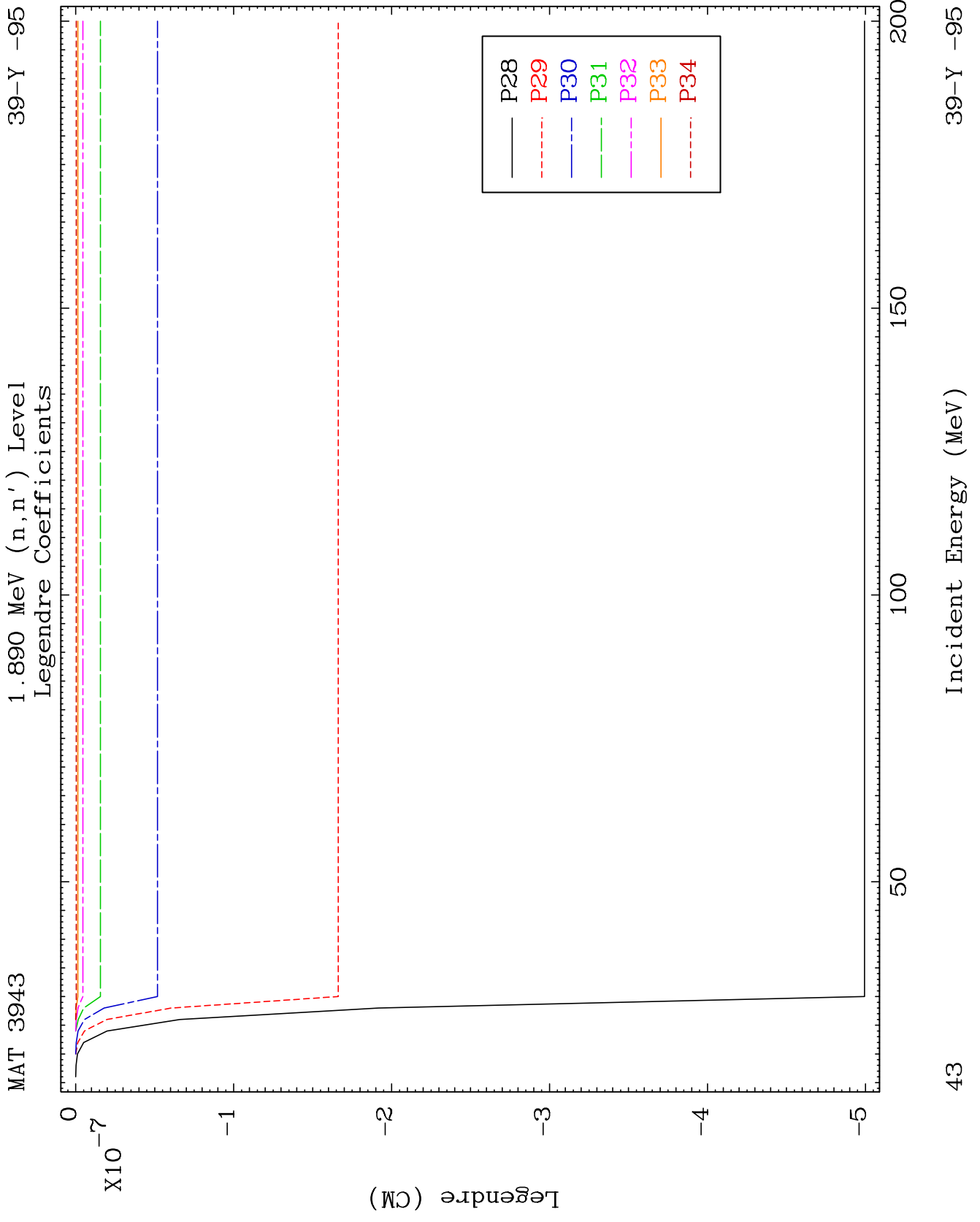
MAT 3943

1.890 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



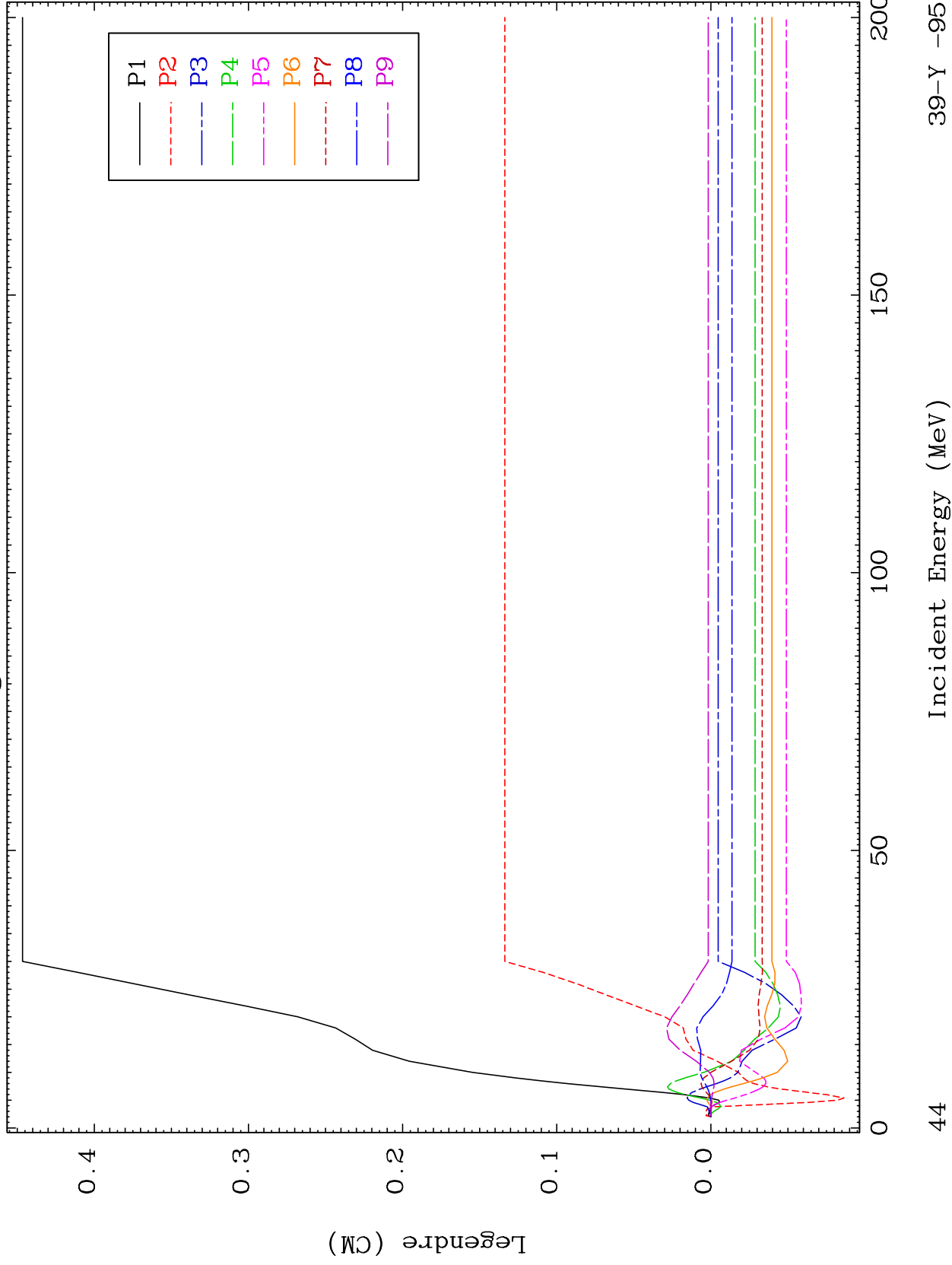




MAT 3943

1.963 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



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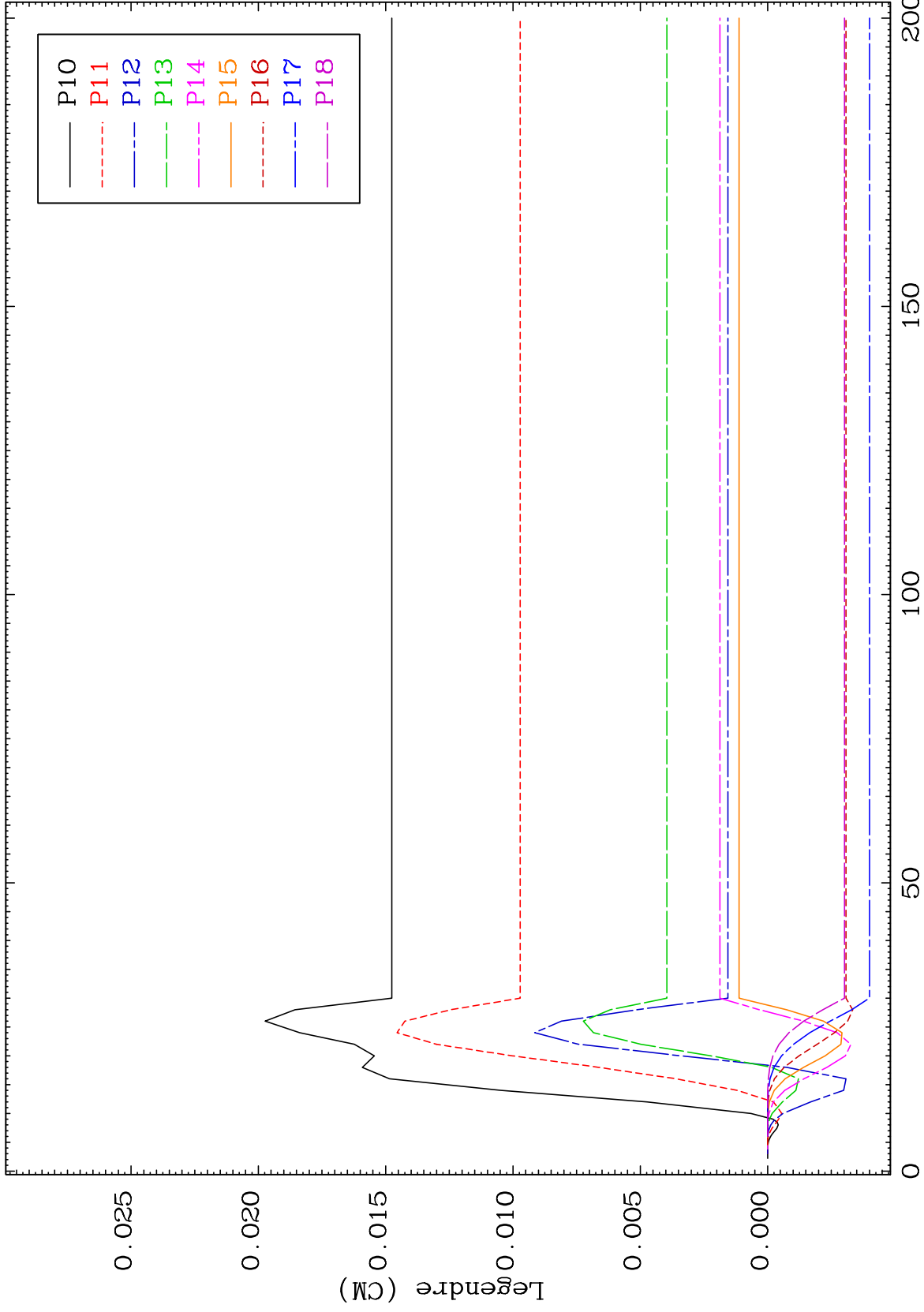
Incident Energy (MeV)

39-Y -95

MAT 3943

1.963 MeV (n,n') Level  
Legendre Coefficients

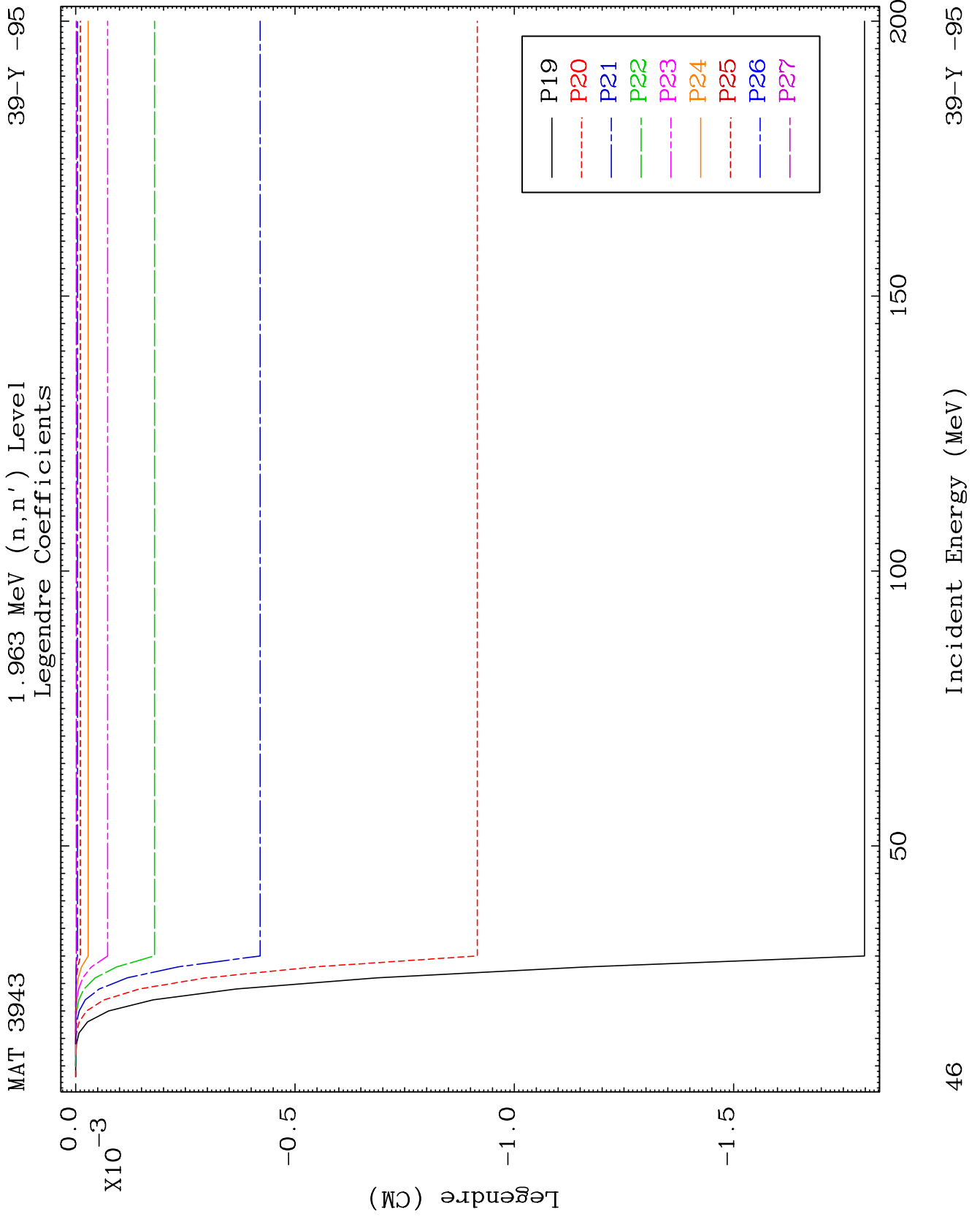
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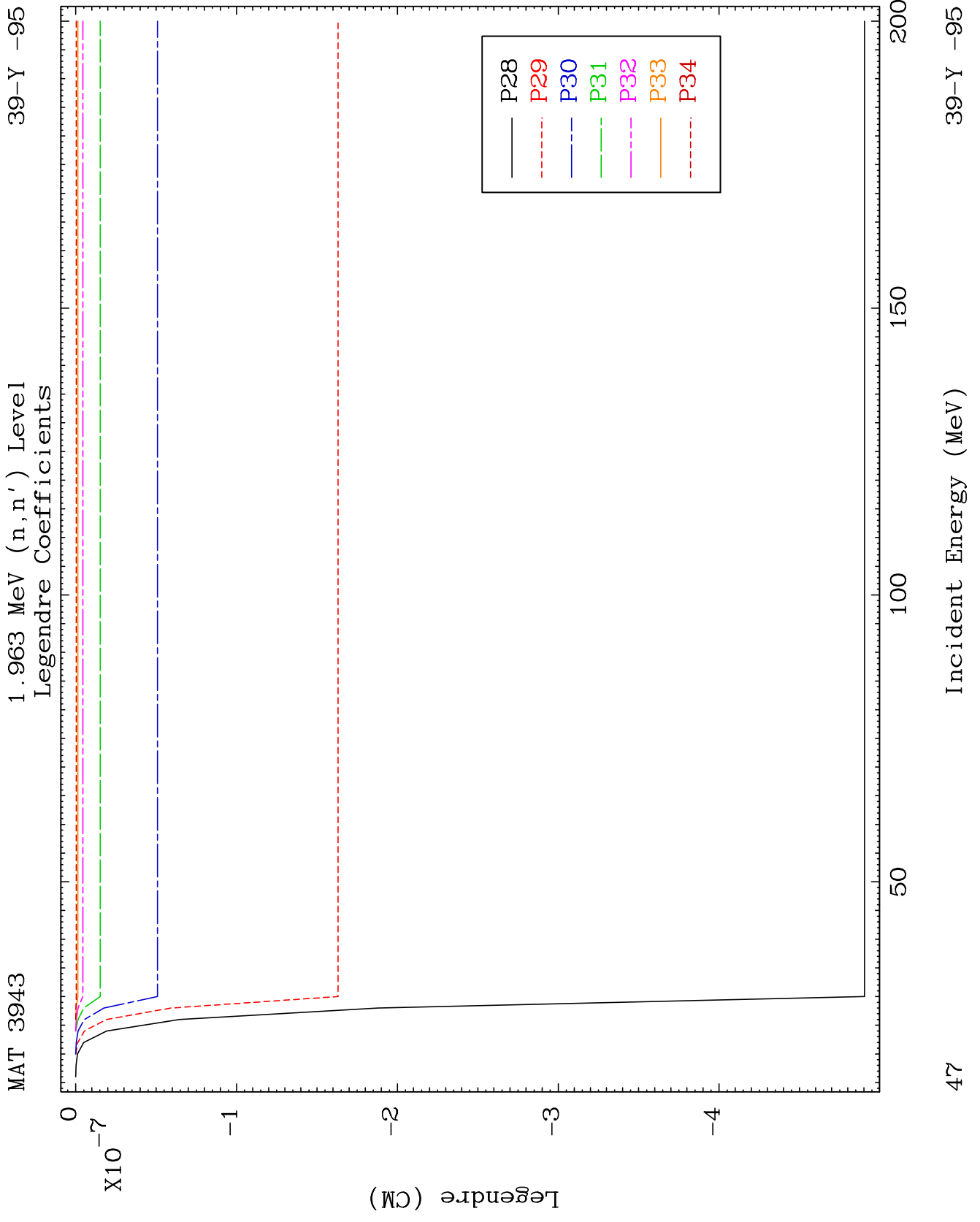


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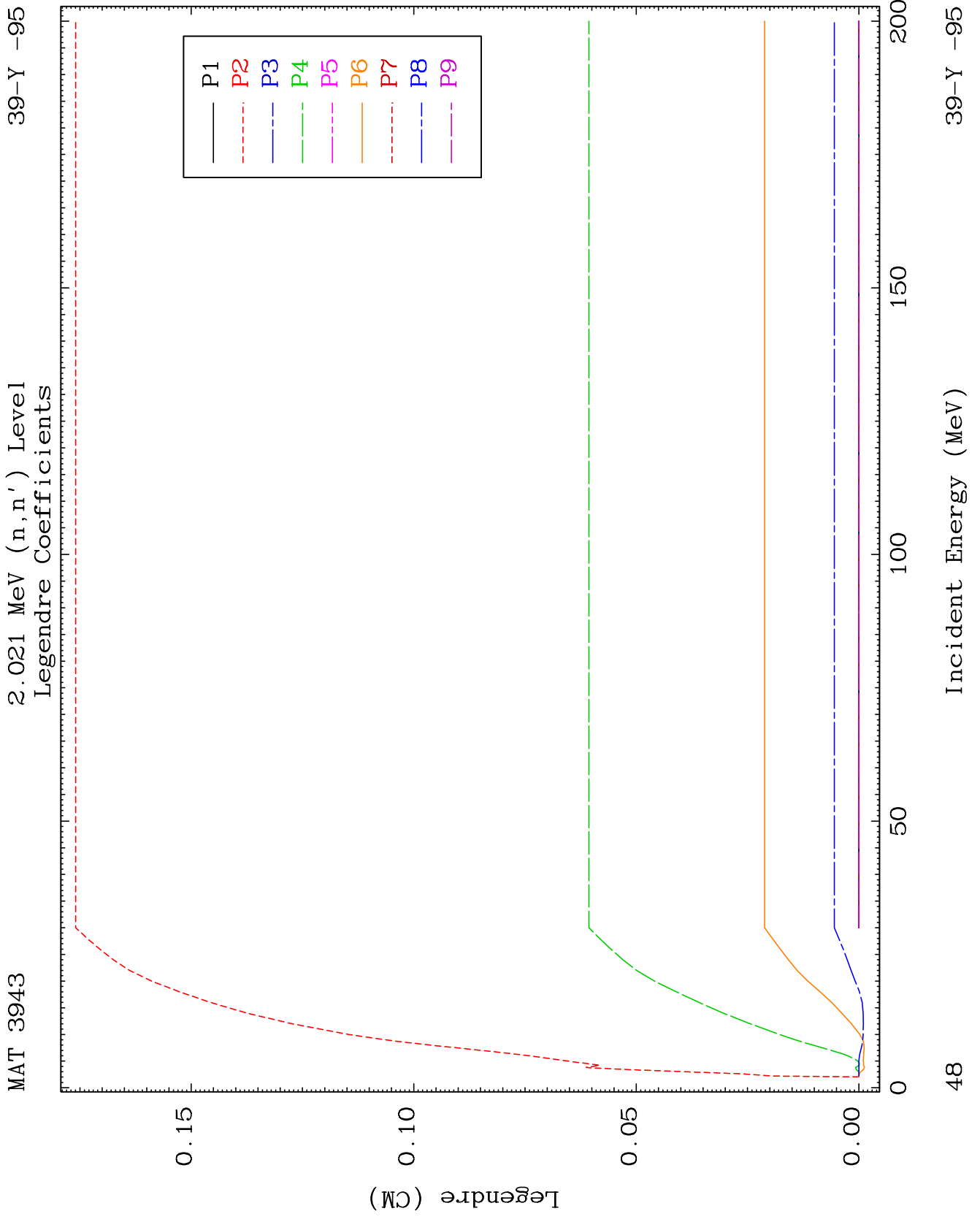
Incident Energy (MeV)

39-Y -95



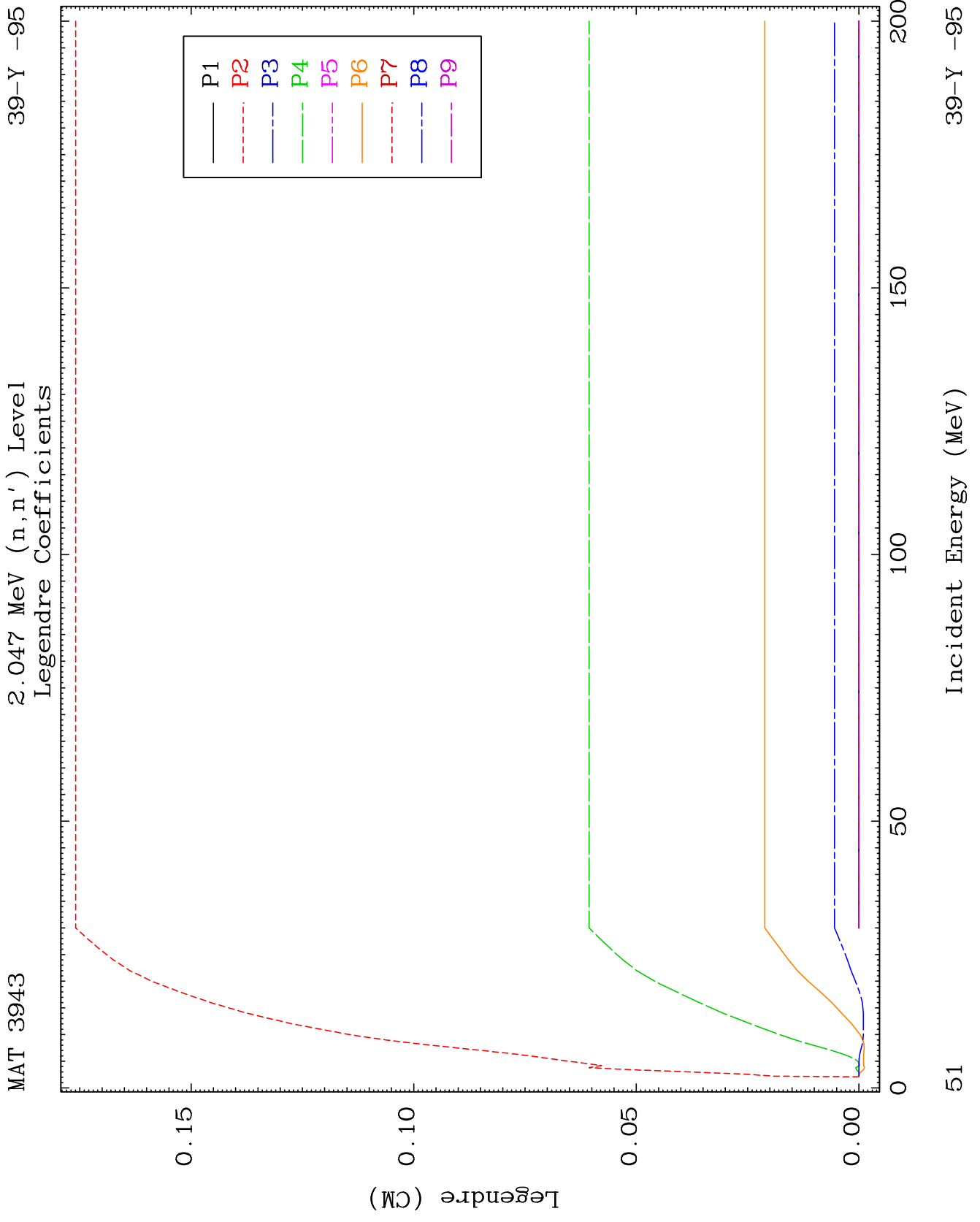




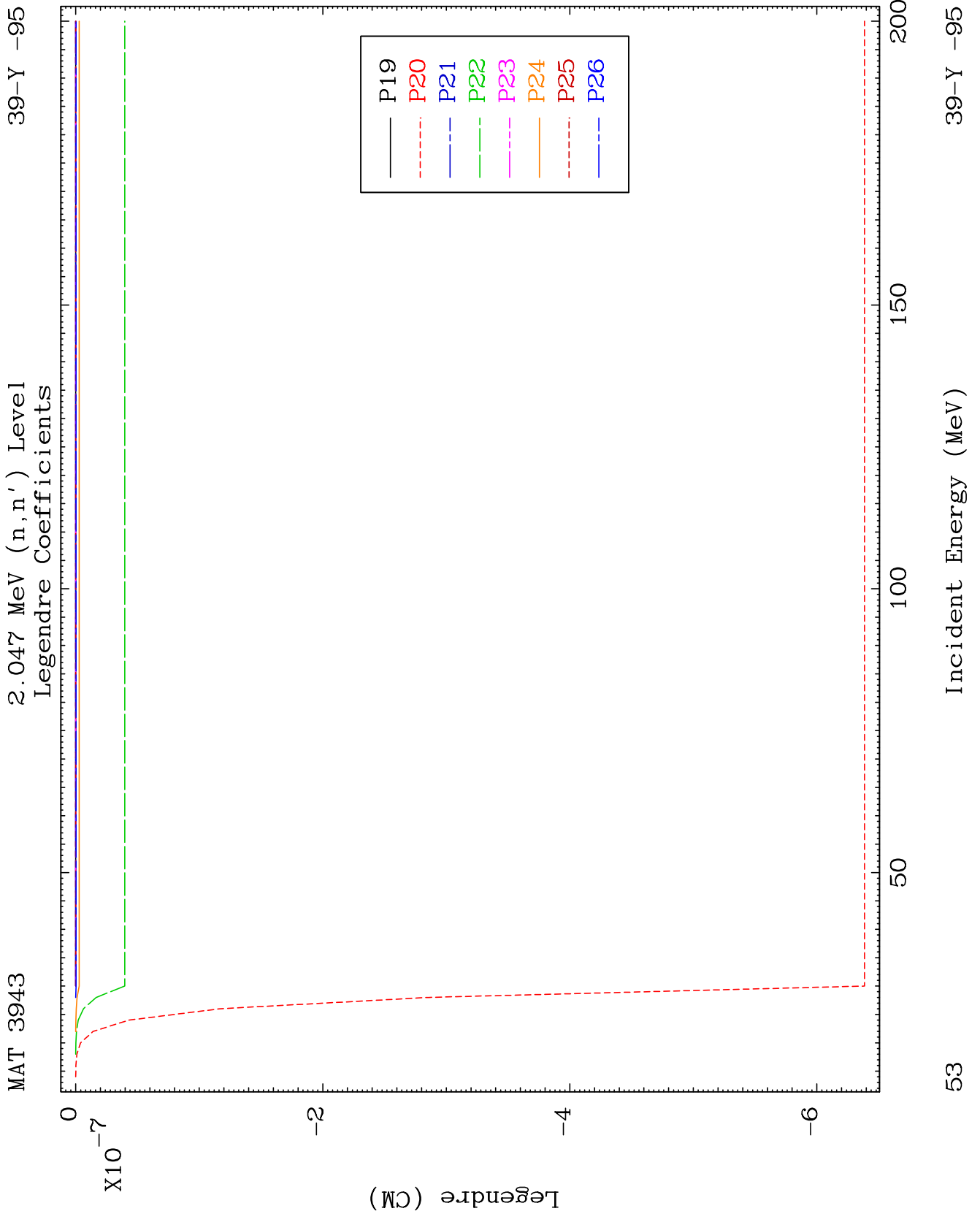


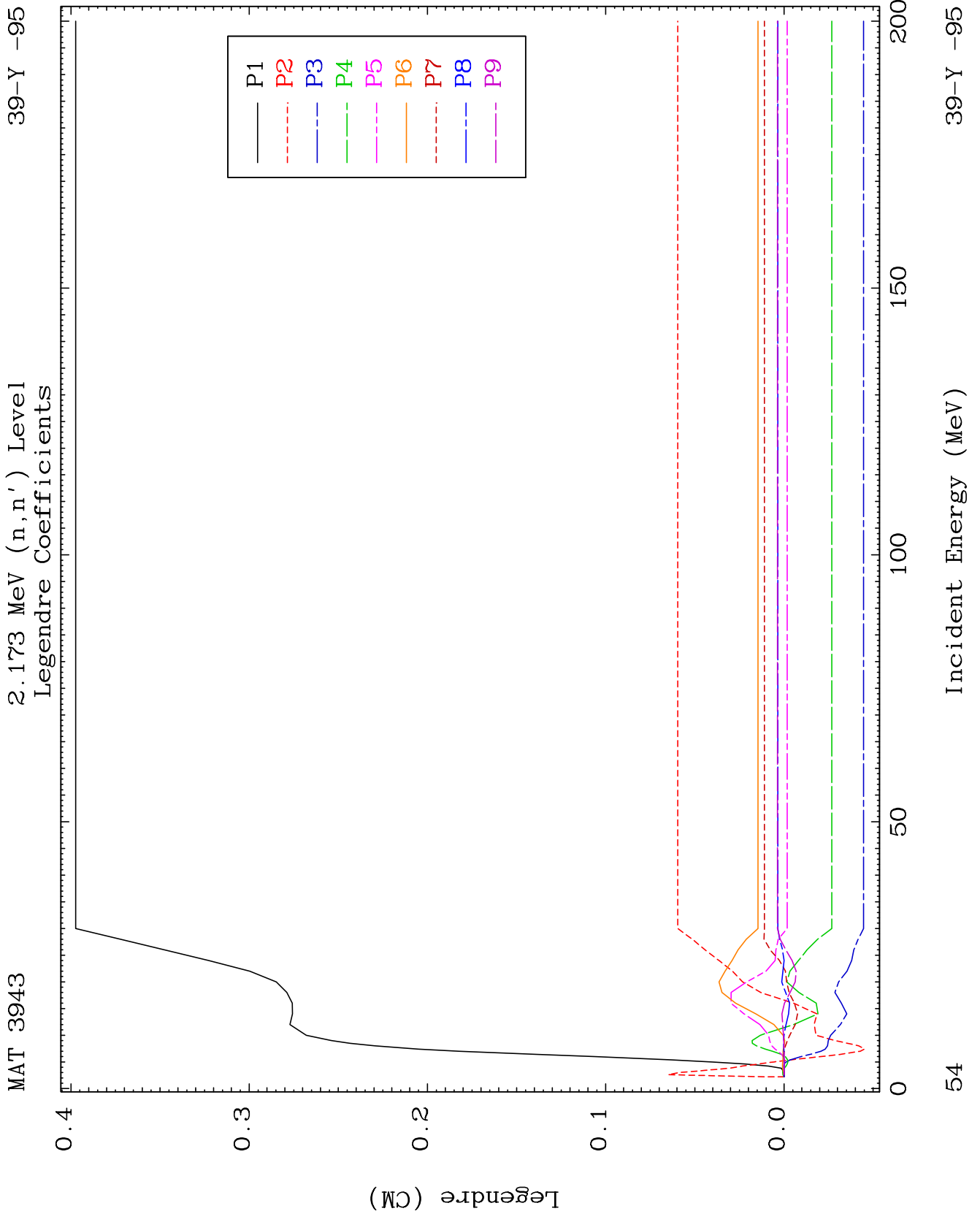








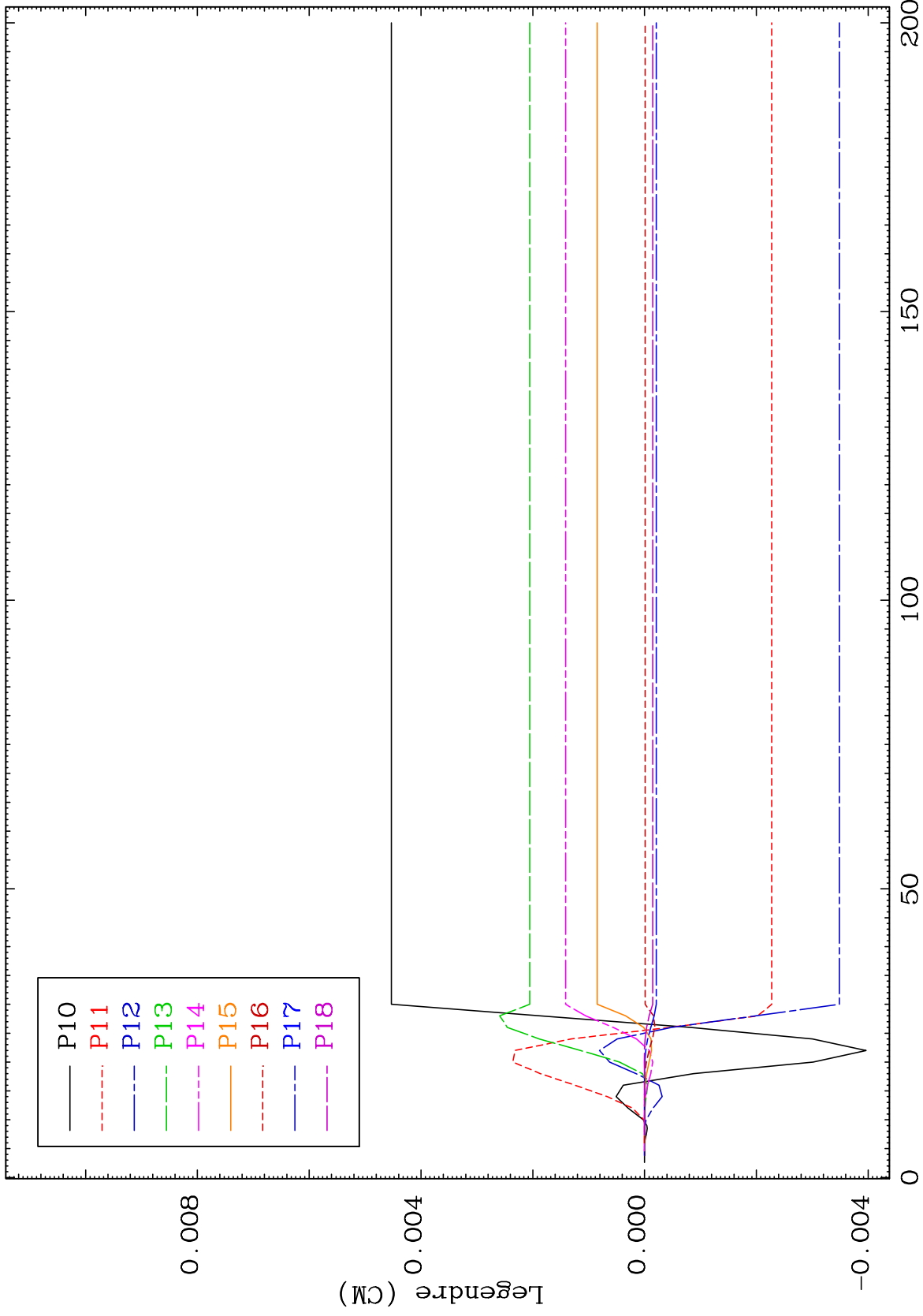




MAT 3943

2.173 MeV (n,n') Level  
Legendre Coefficients

39-Y -95

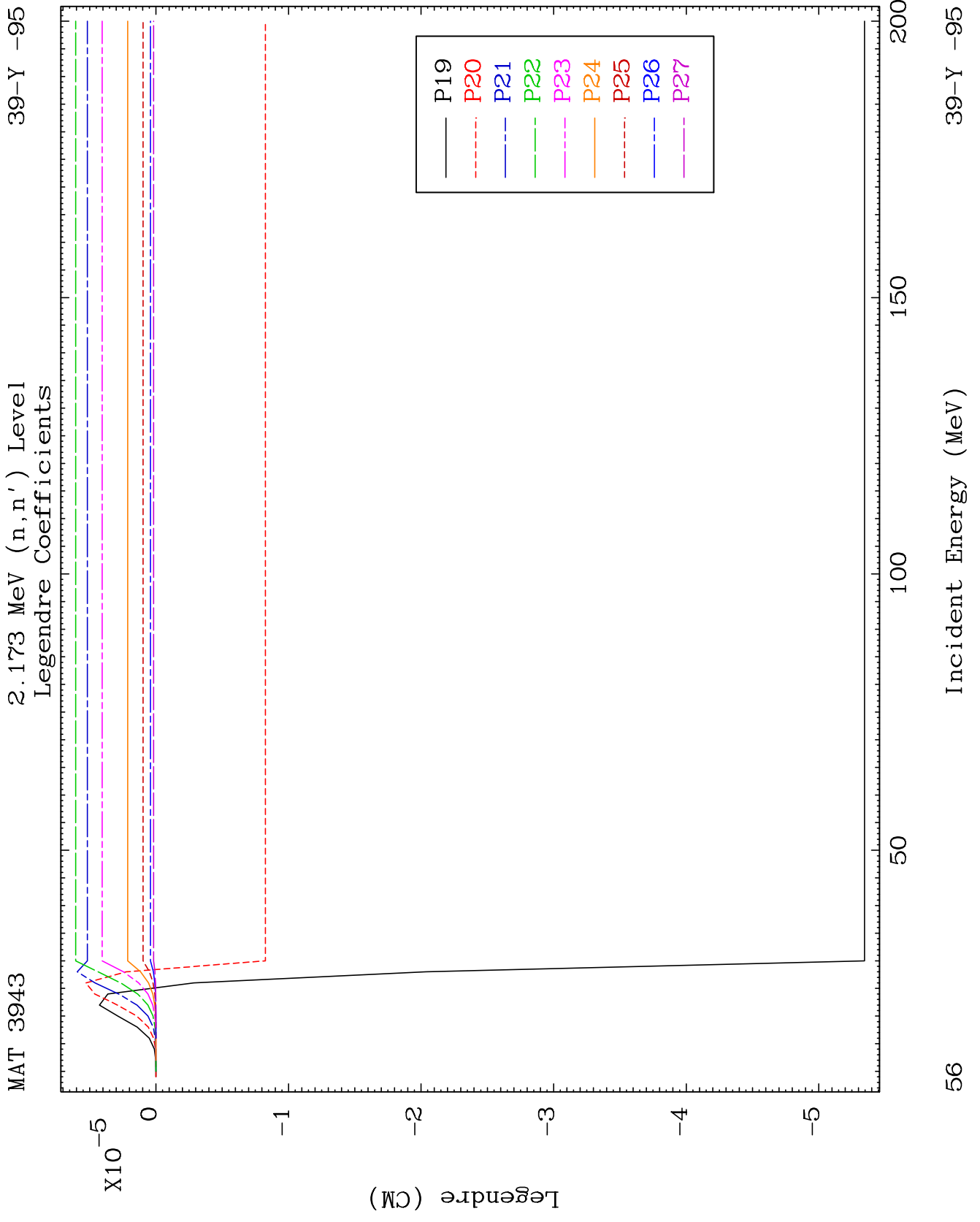


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Incident Energy (MeV)

39-Y -95

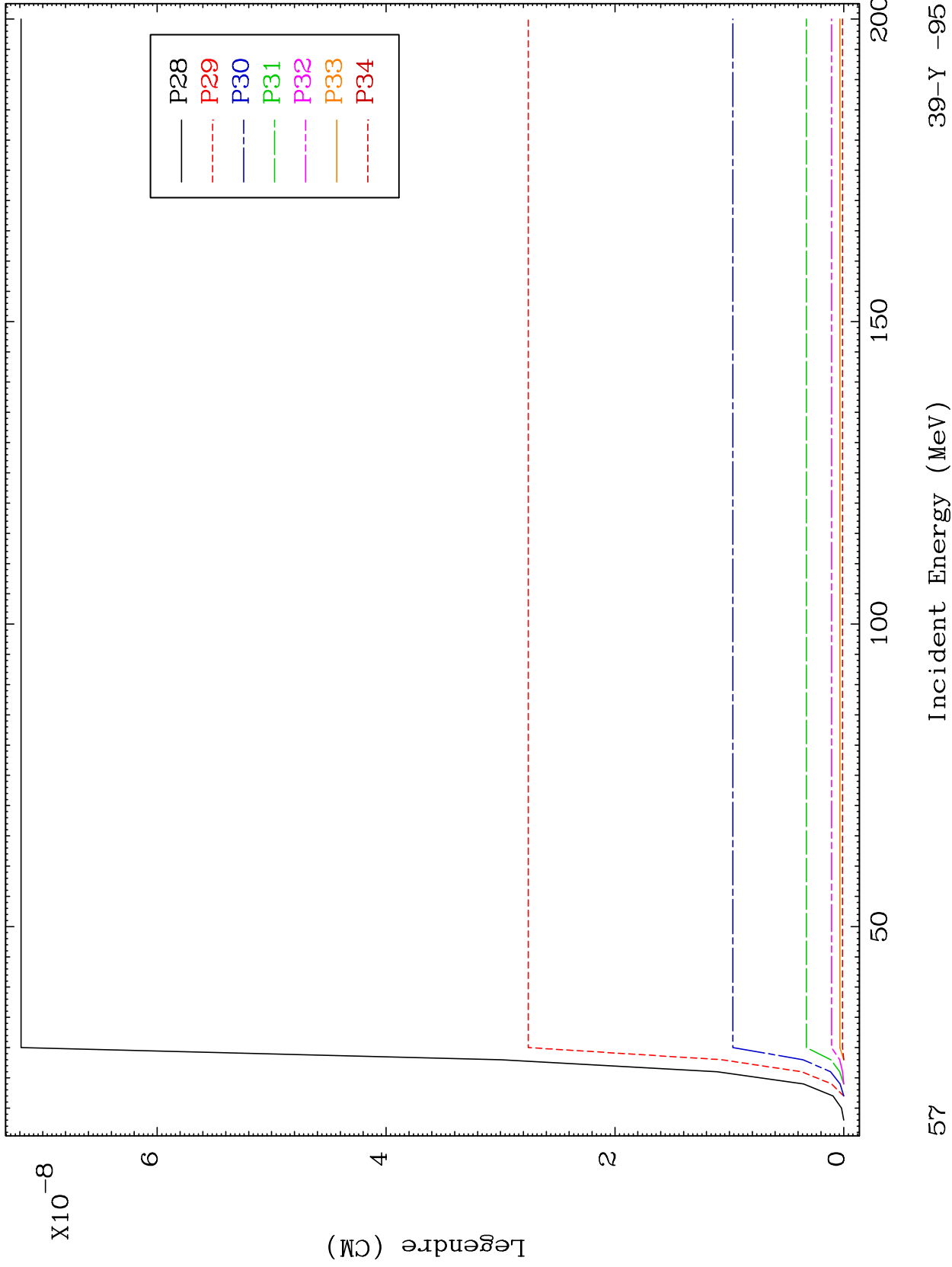




MAT 3943

2.173 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



57

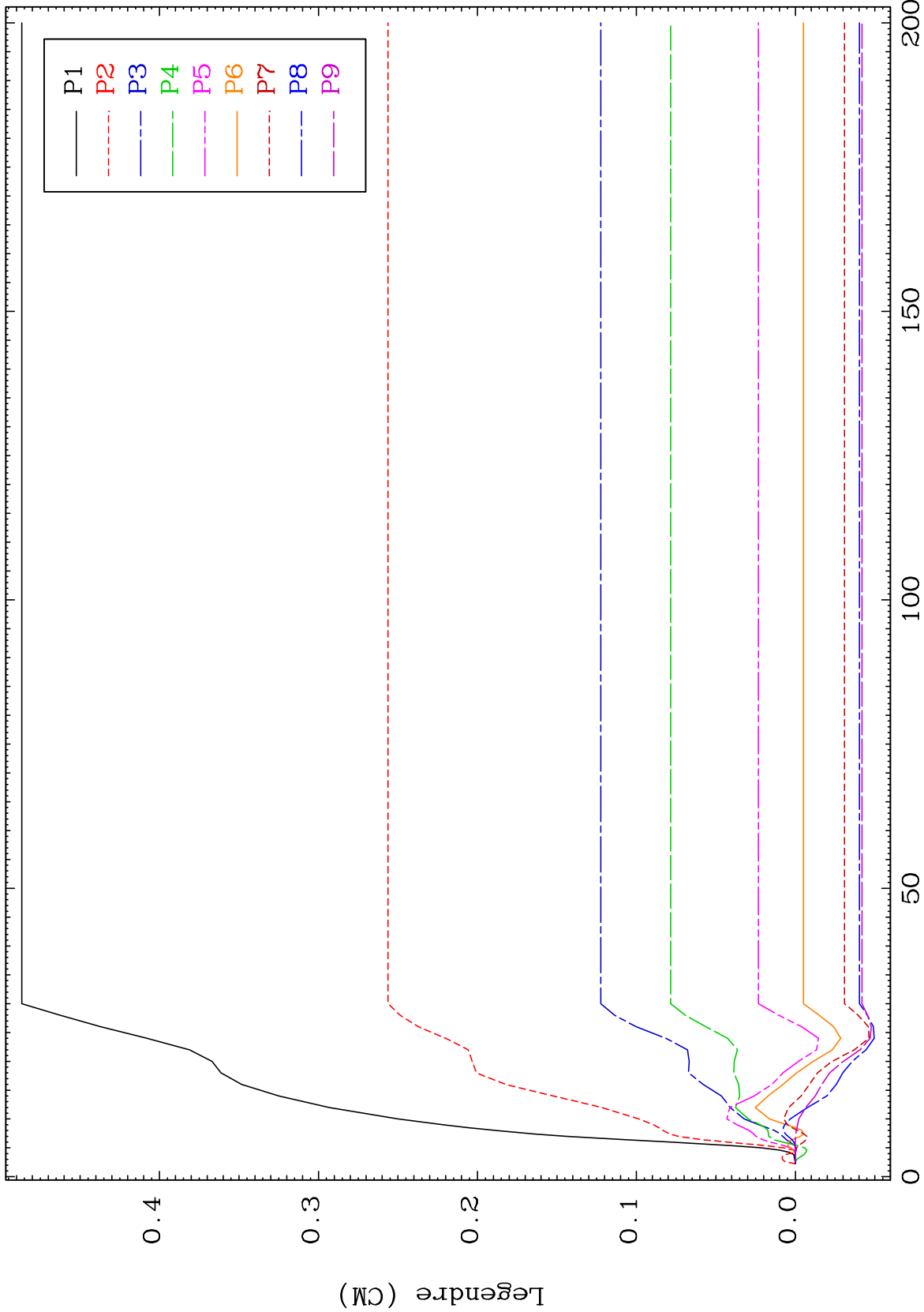
Incident Energy (MeV)

39-Y -95

MAT 3943

2.208 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



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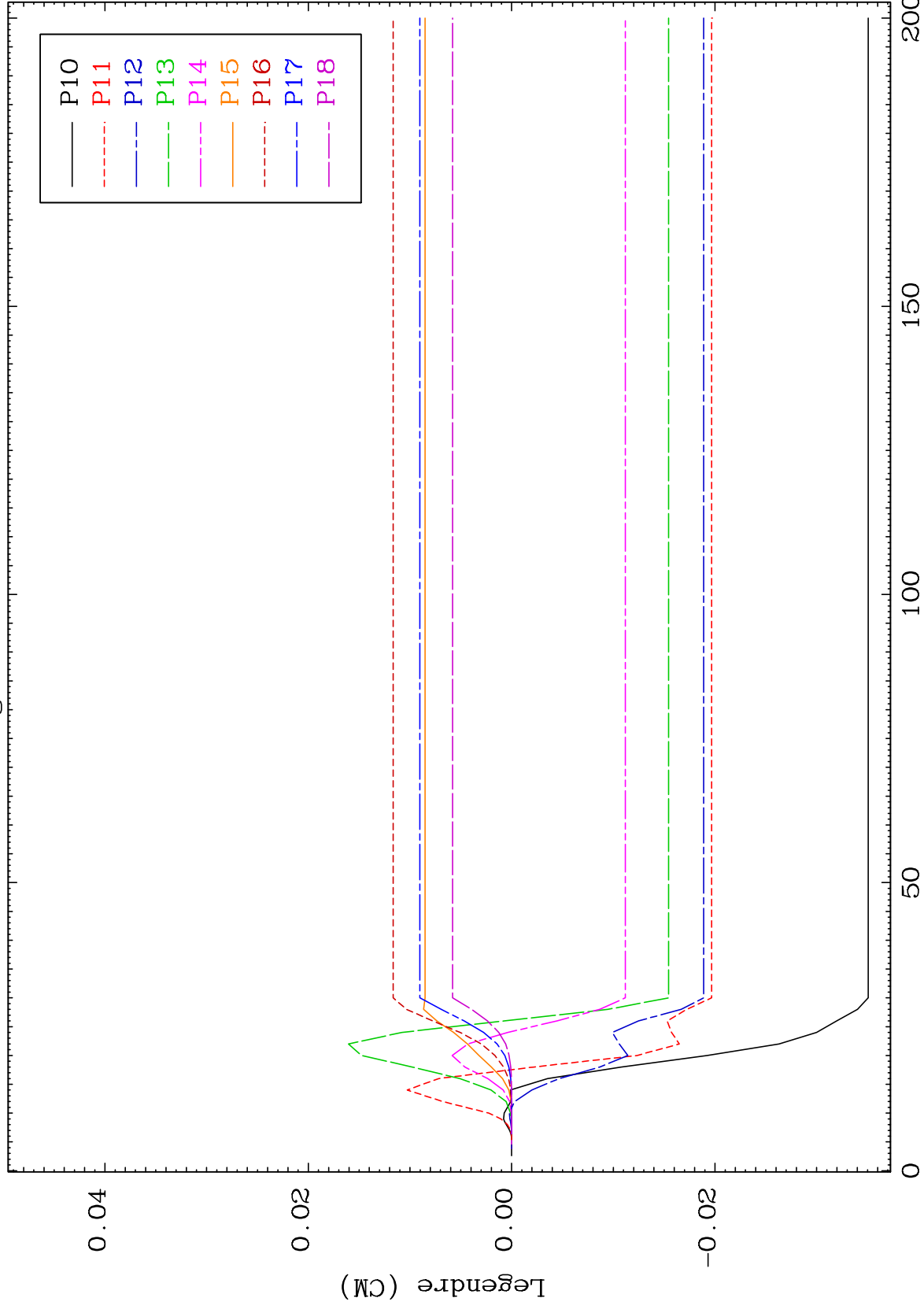
Incident Energy (MeV)

39-Y -95

MAT 3943

2.208 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



59

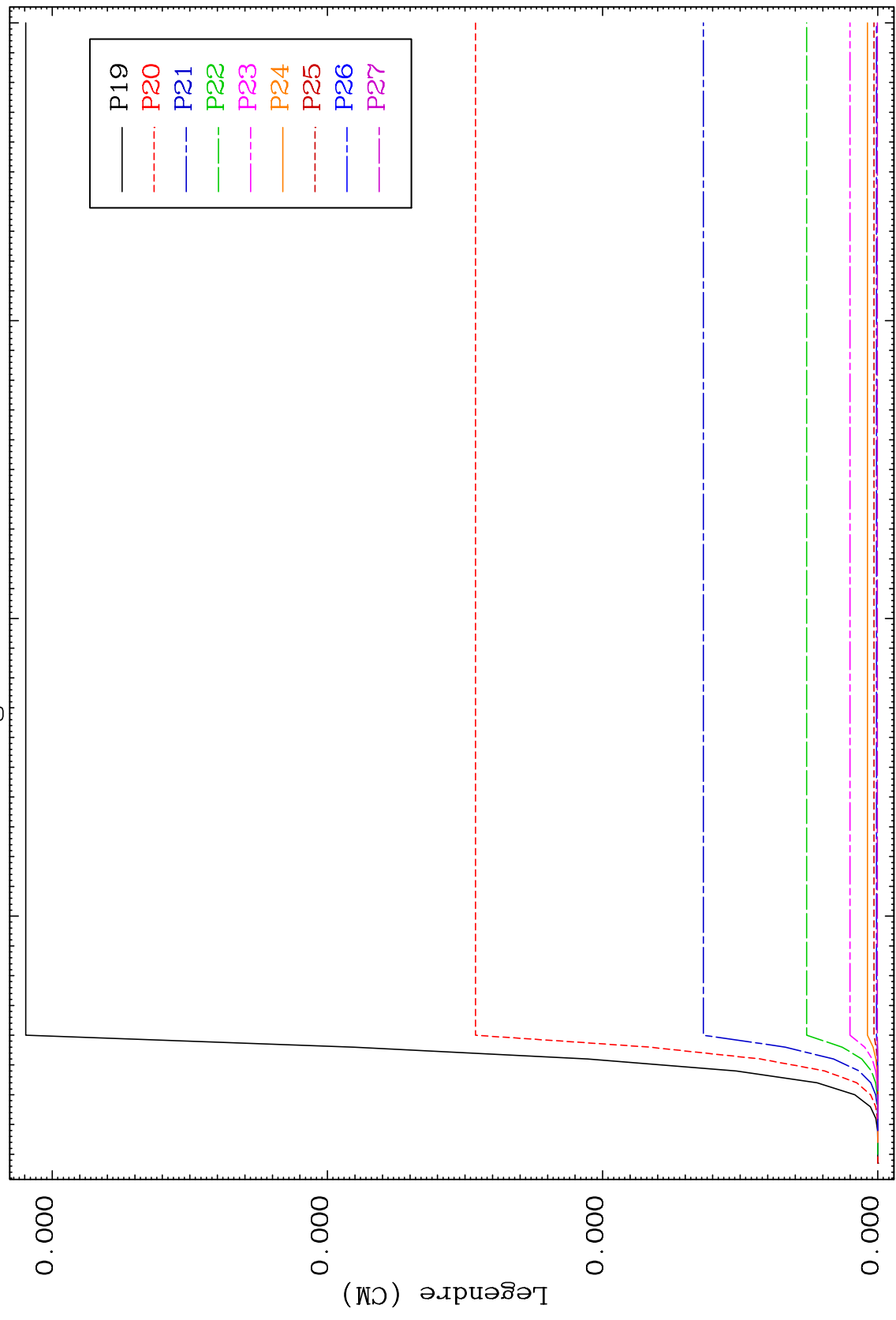
Incident Energy (MeV)

39-Y -95

MAT 3943

2.208 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



60

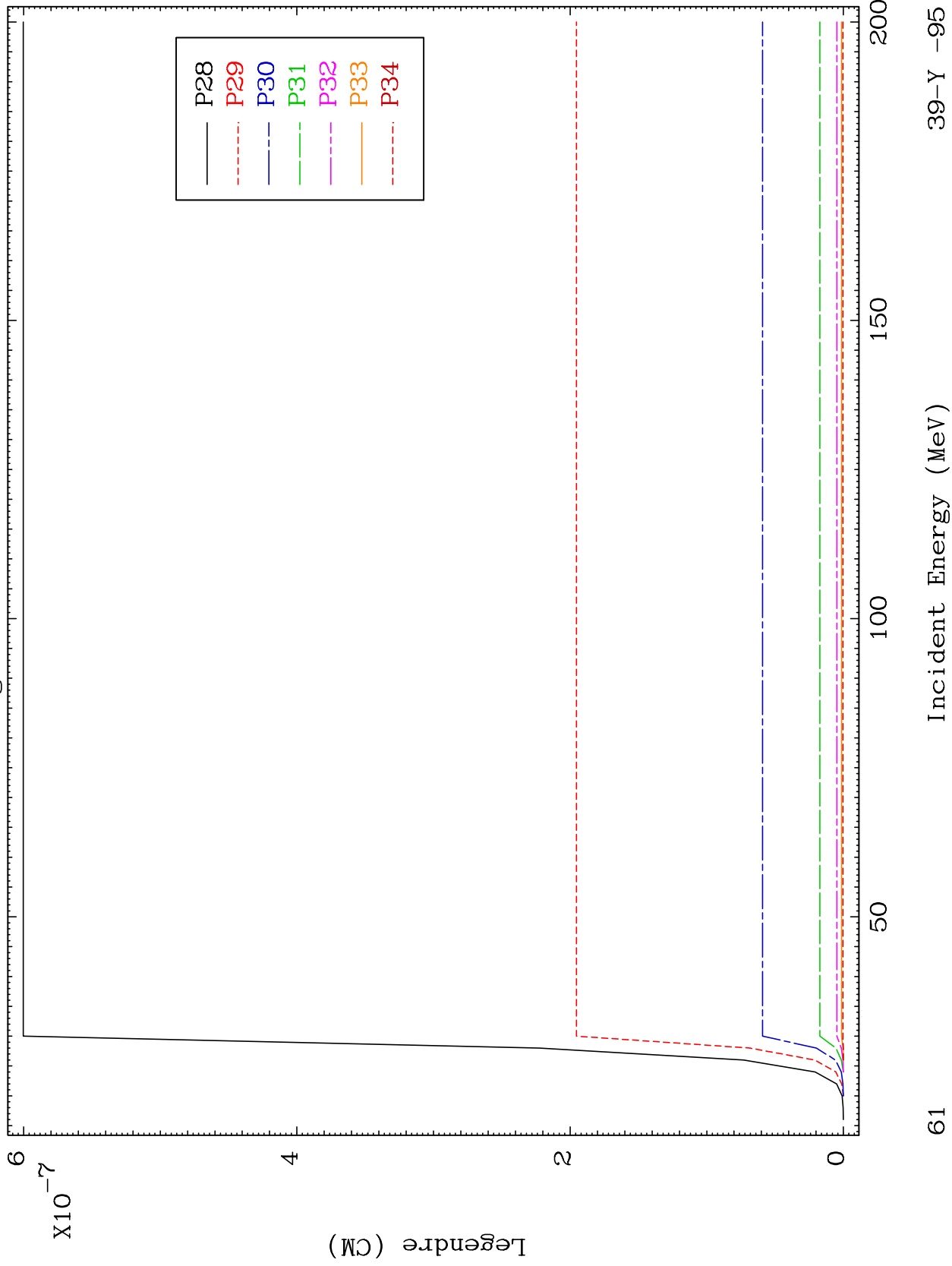
Incident Energy (MeV)

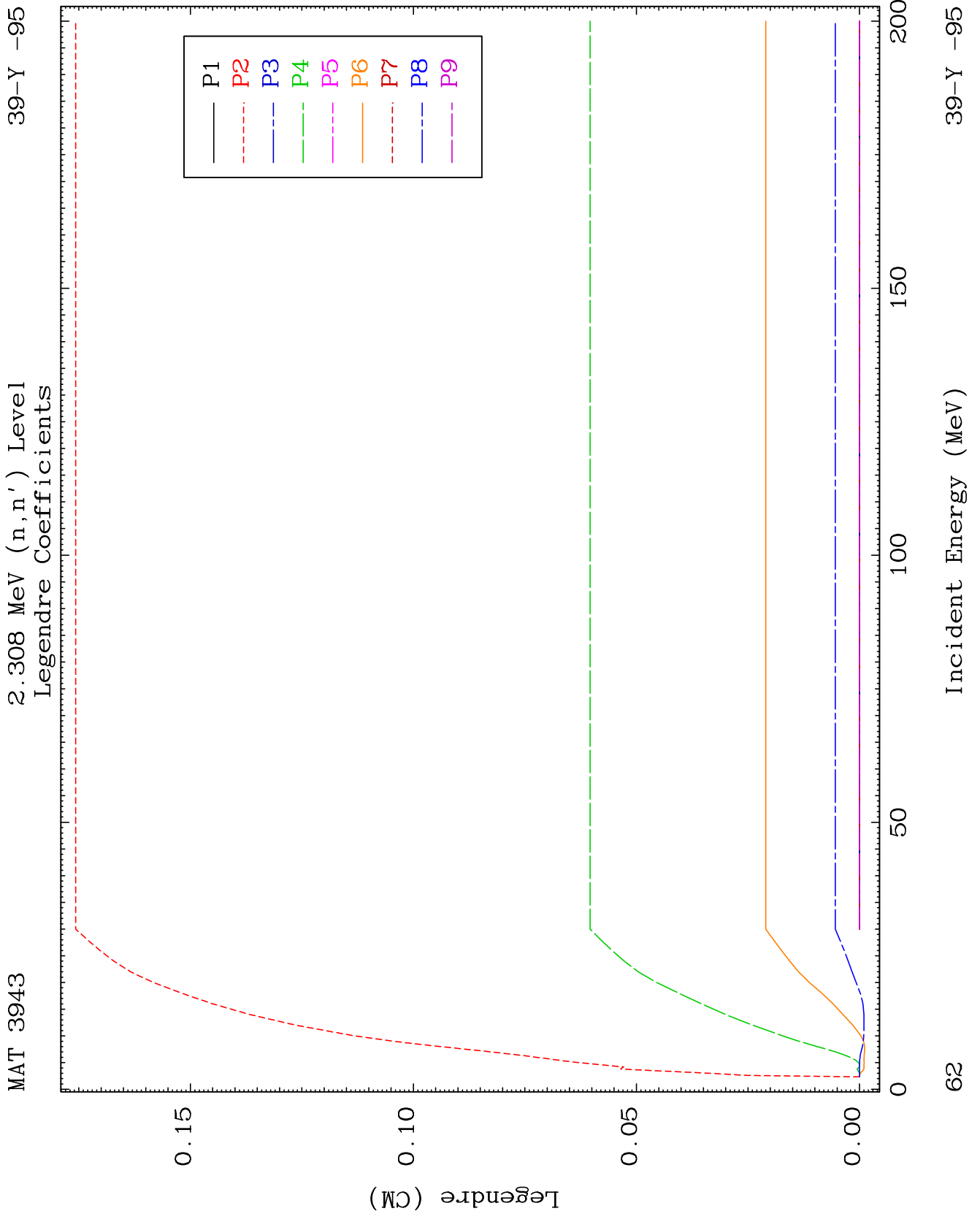
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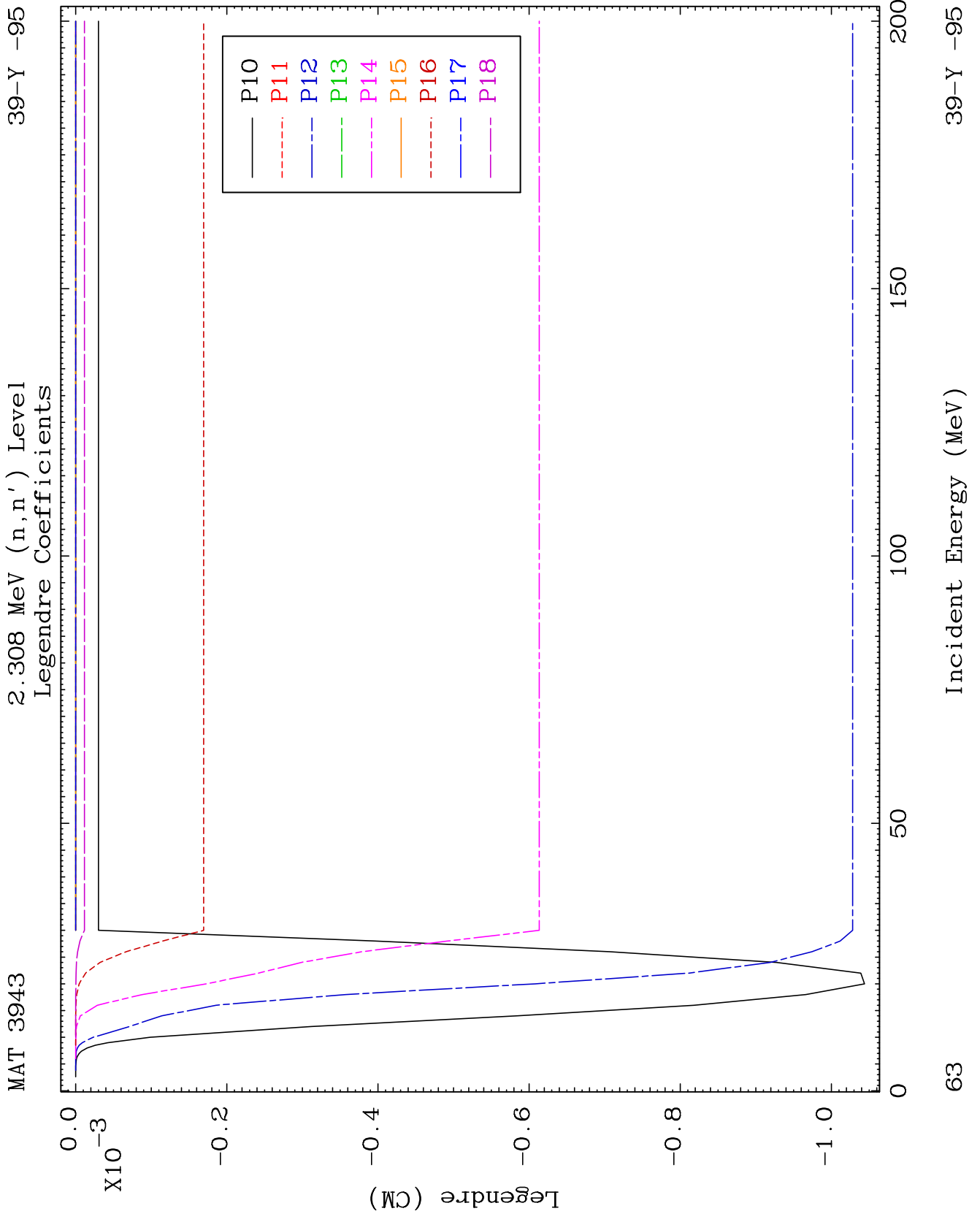
MAT 3943

2.208 MeV (n,n') Level  
Legendre Coefficients

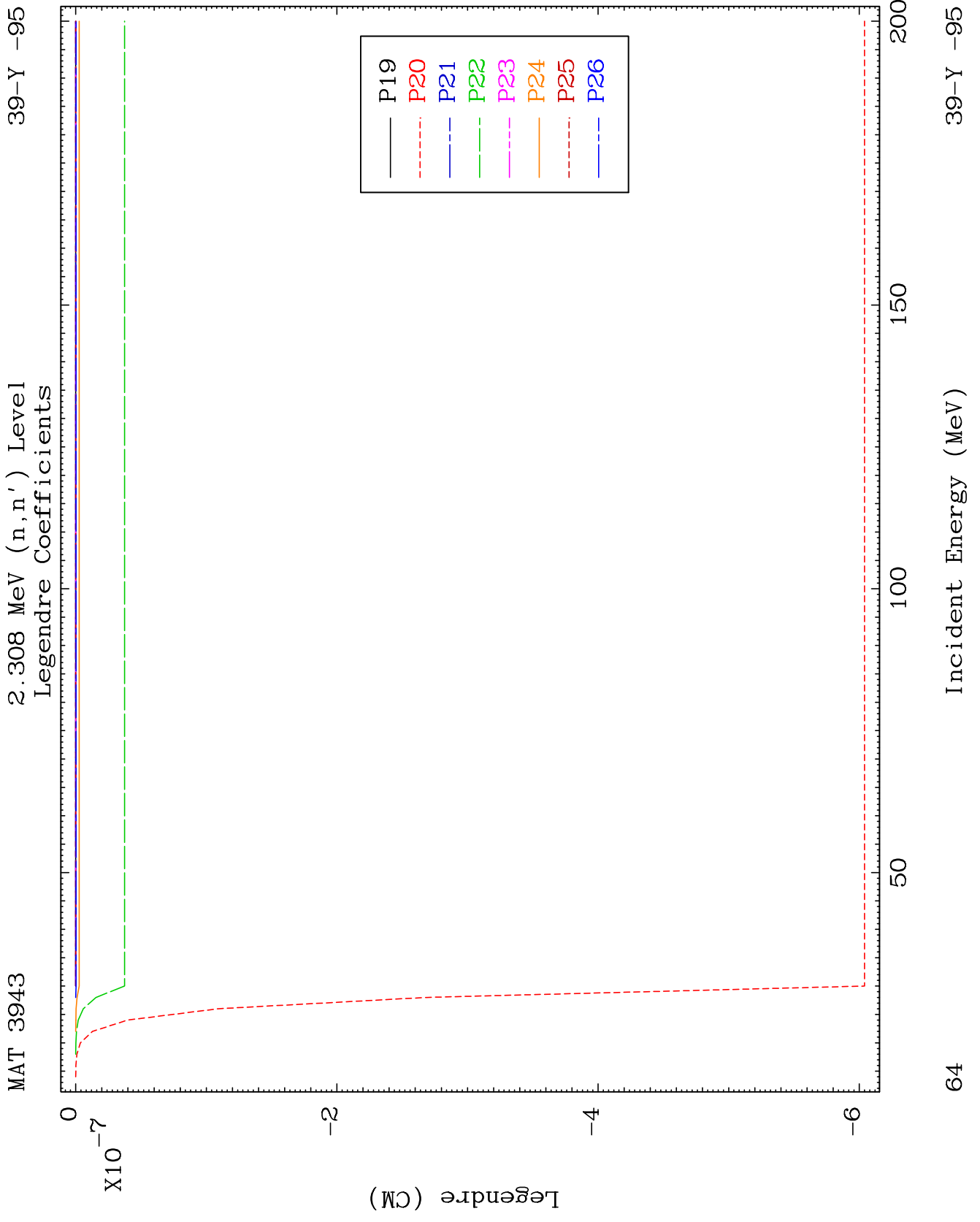
39-Y -95









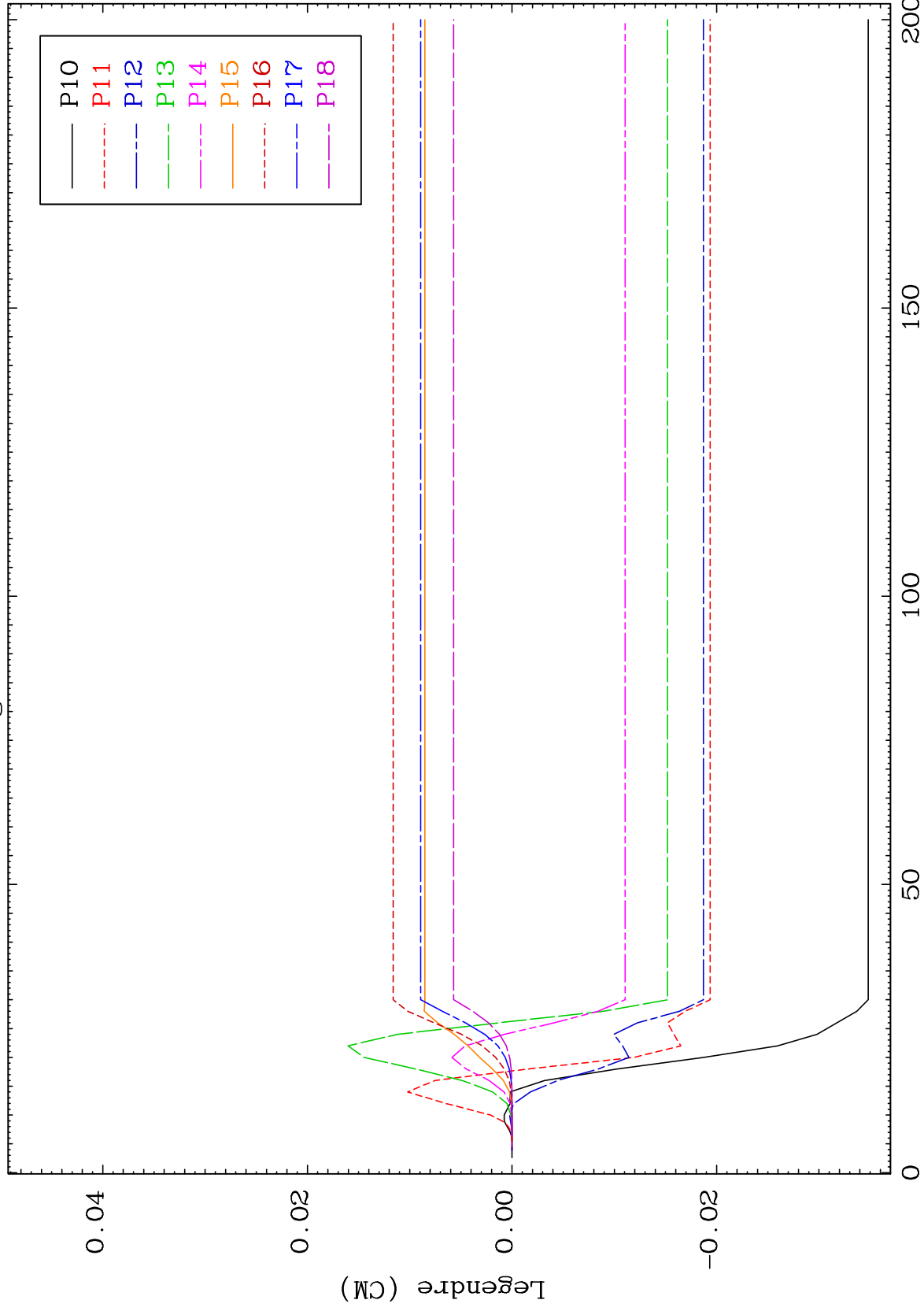




MAT 3943

2.408 MeV (n,n') Level  
Legendre Coefficients

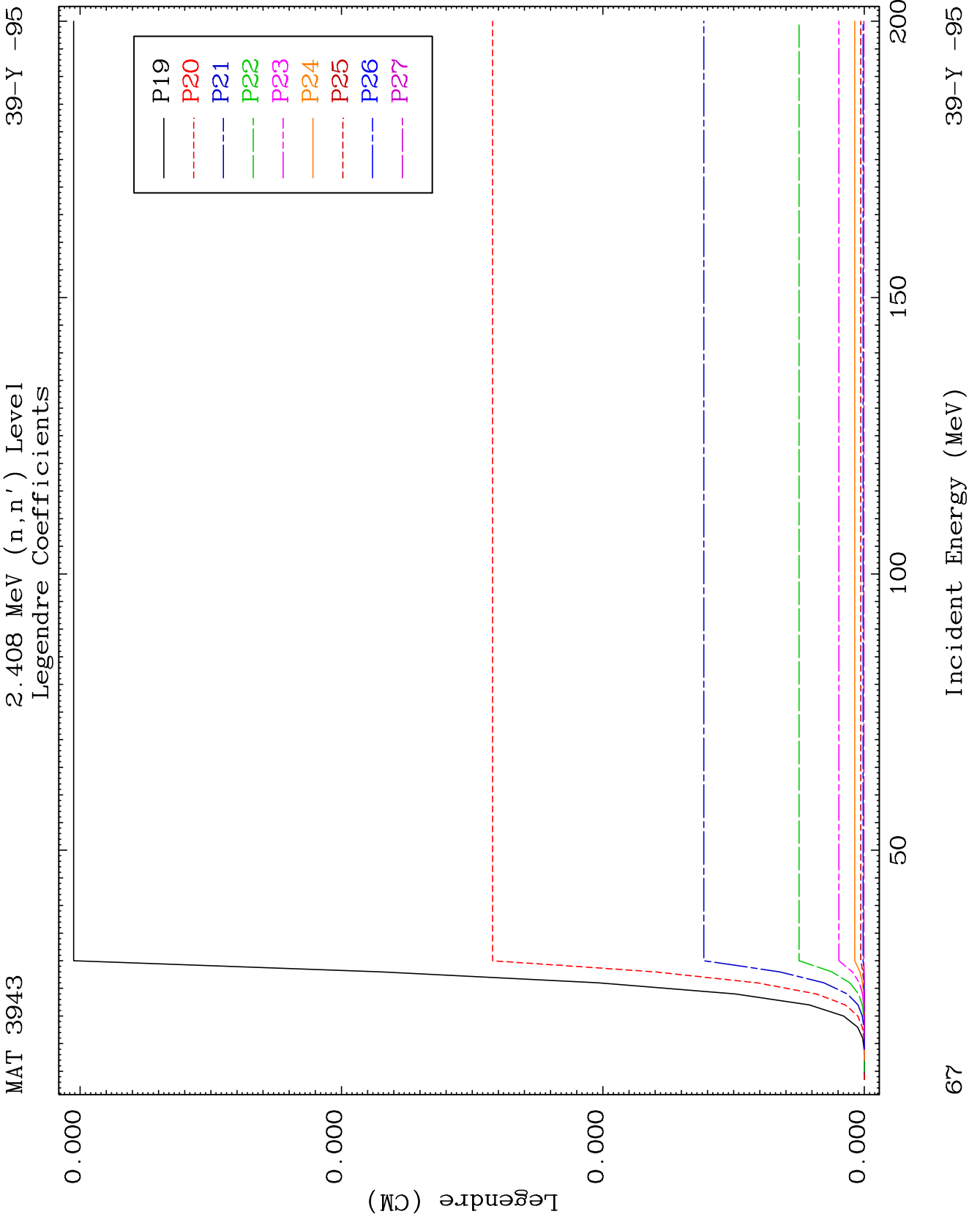
39-Y -95



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Incident Energy (MeV)

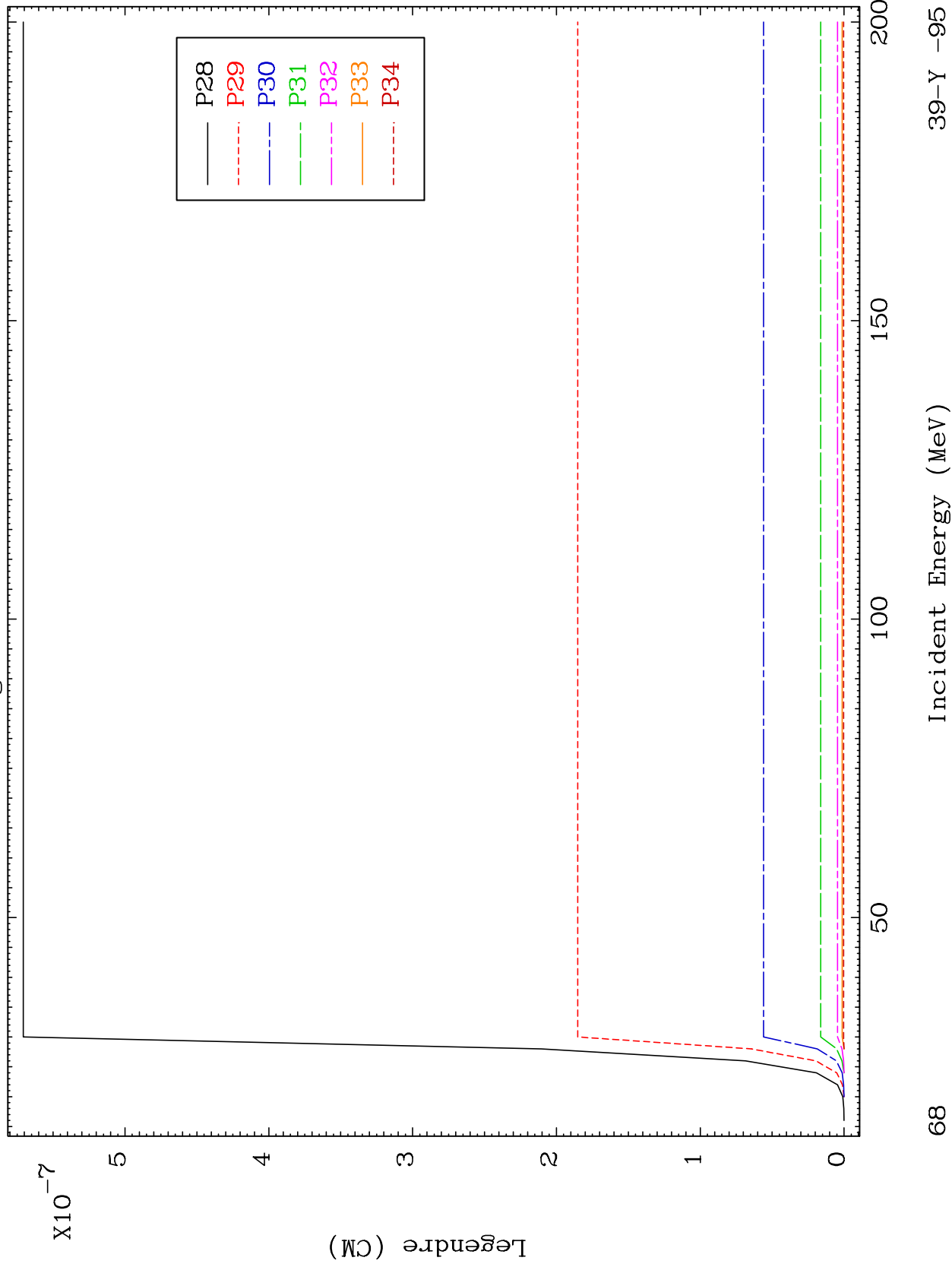
39-Y -95

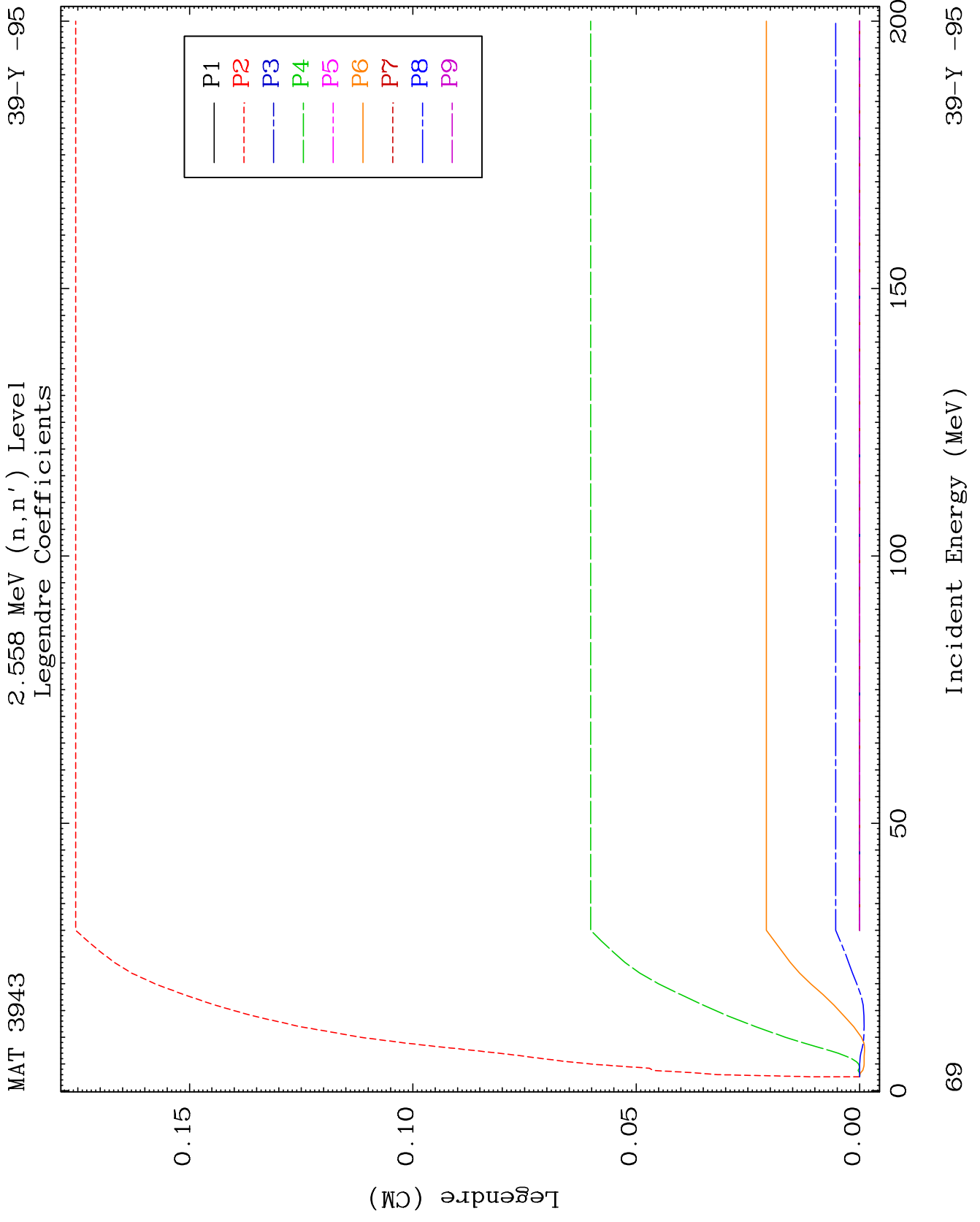


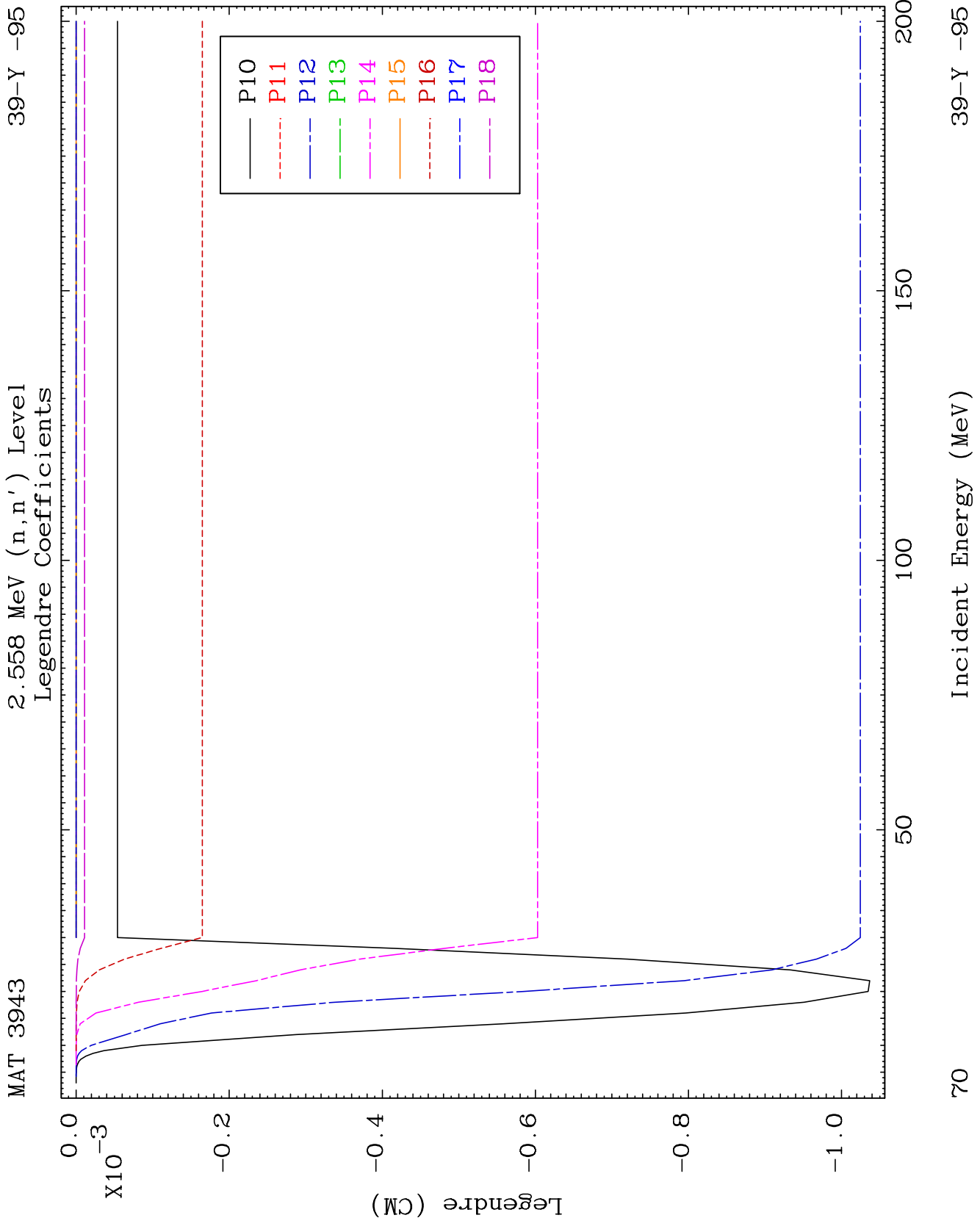
MAT 3943

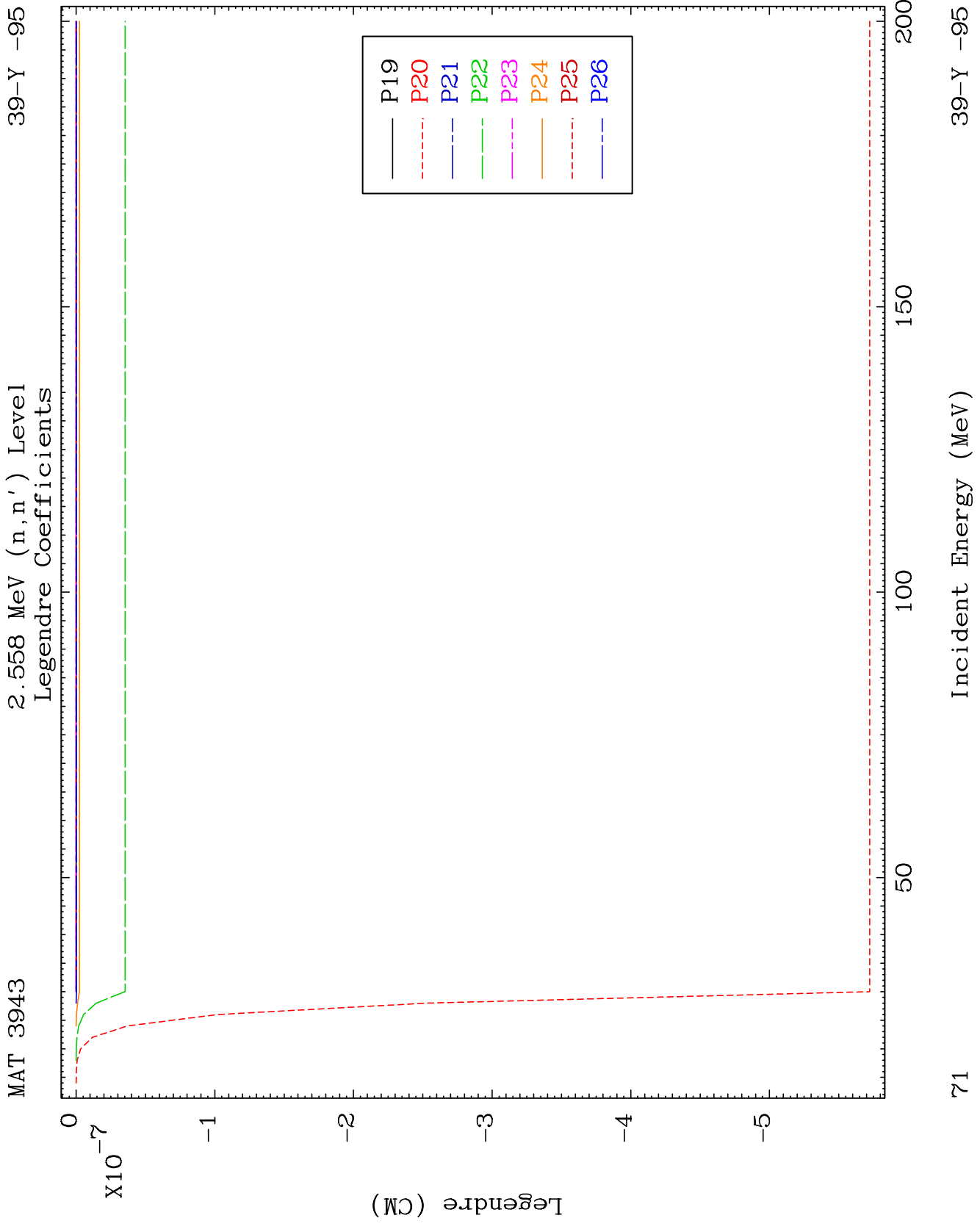
2.408 MeV (n,n') Level  
Legendre Coefficients

39-Y -95







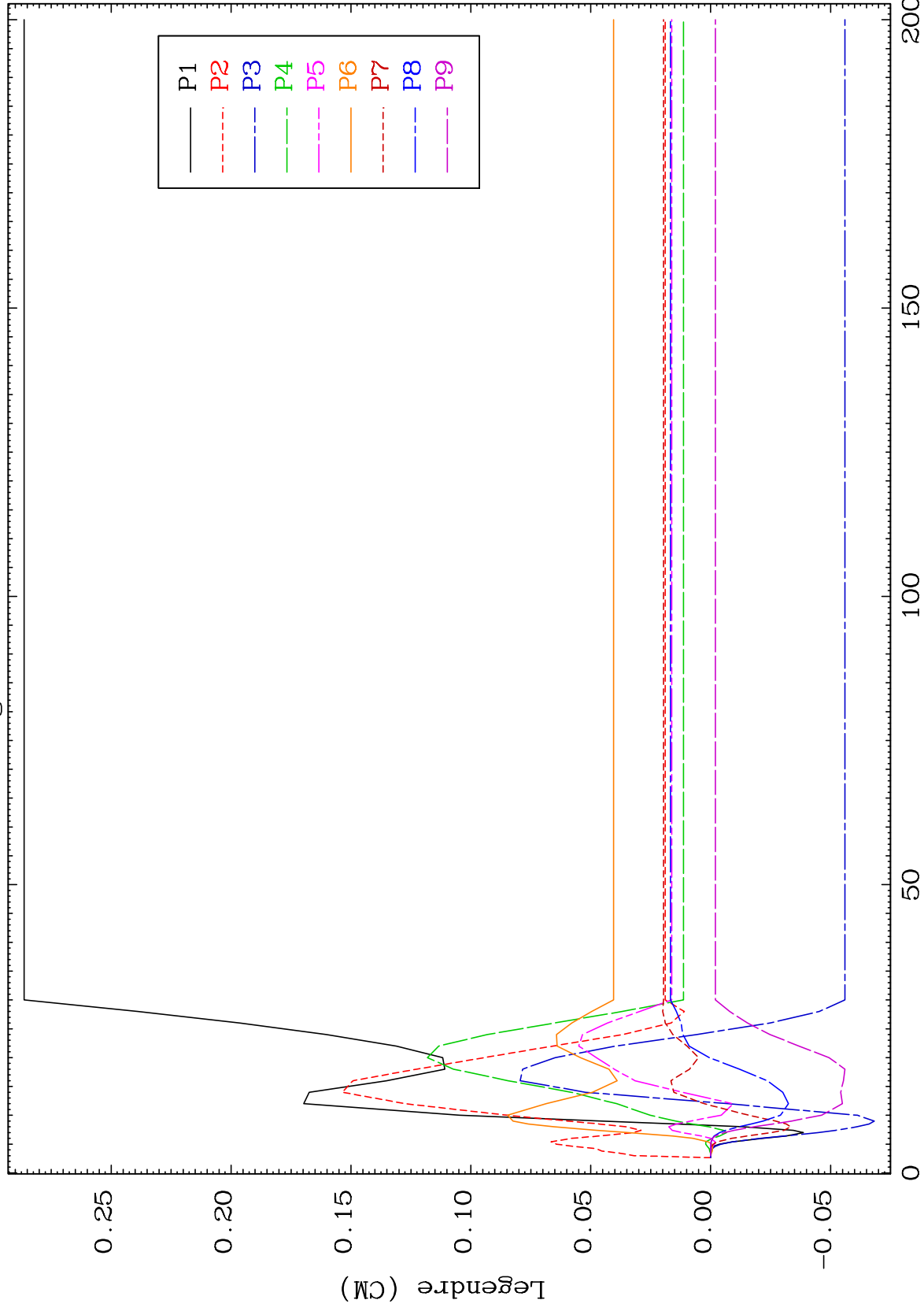




MAT 3943

2.615 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



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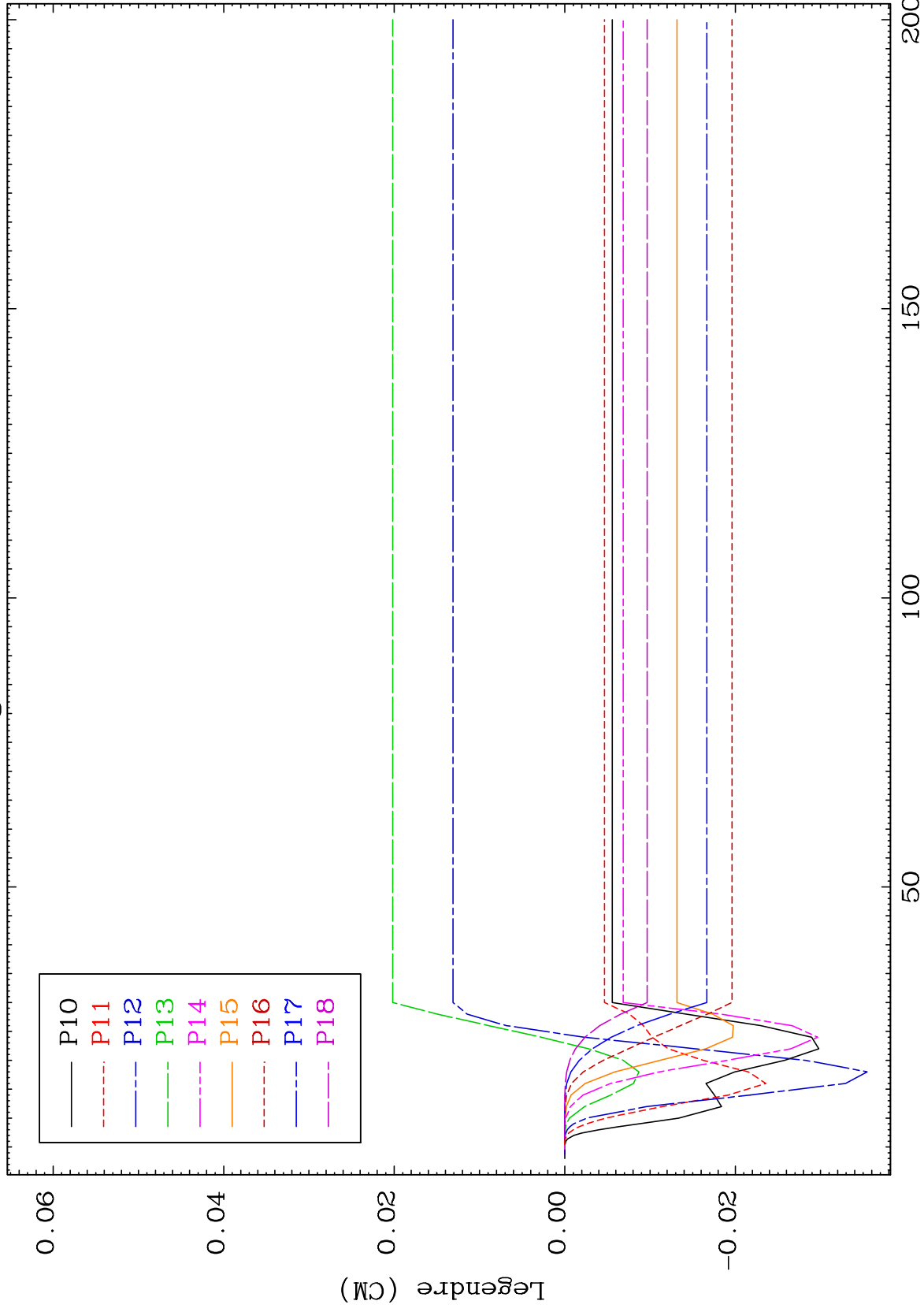
Incident Energy (MeV)

39-Y -95

MAT 3943

2.615 MeV (n,n') Level  
Legendre Coefficients

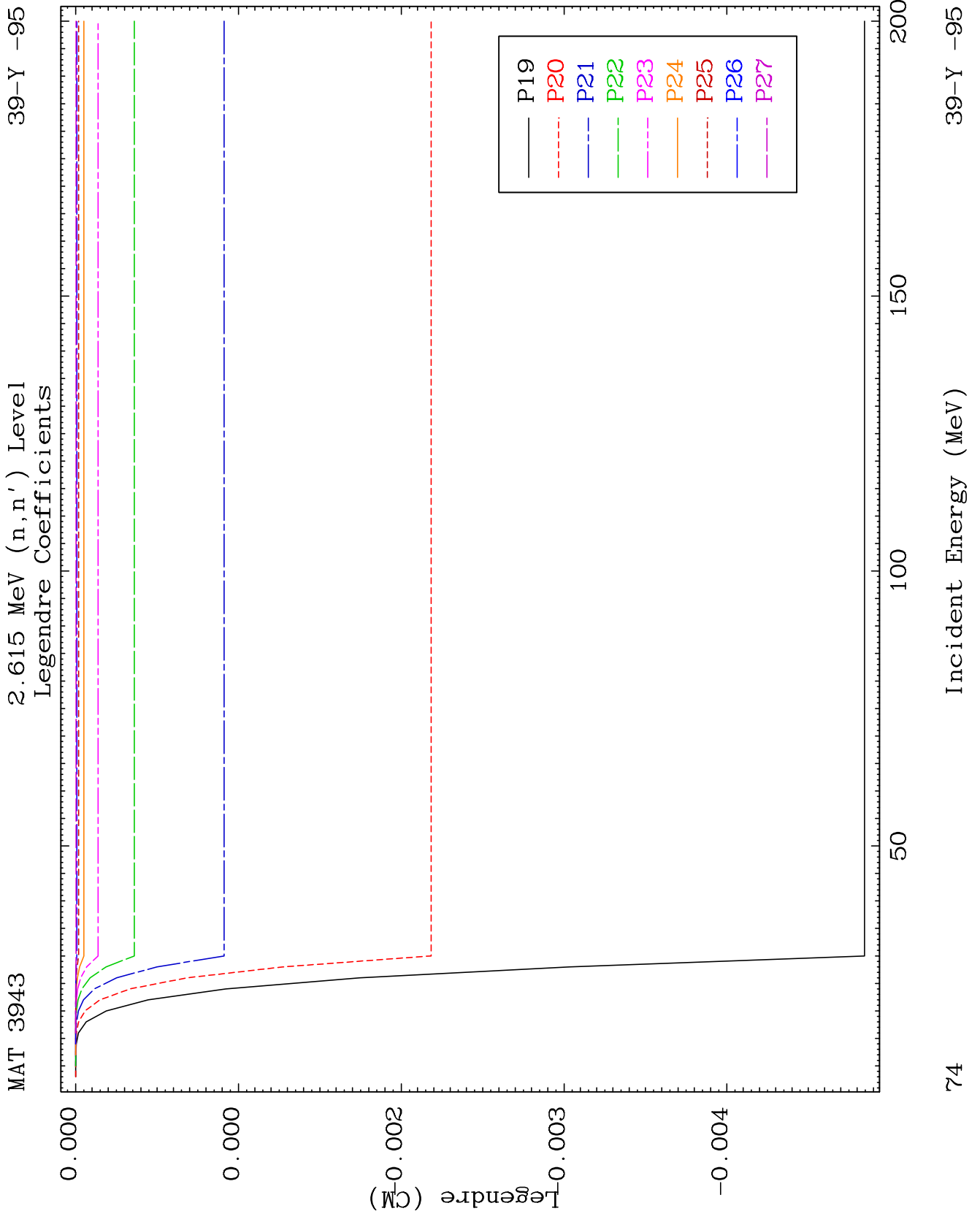
39-Y -95

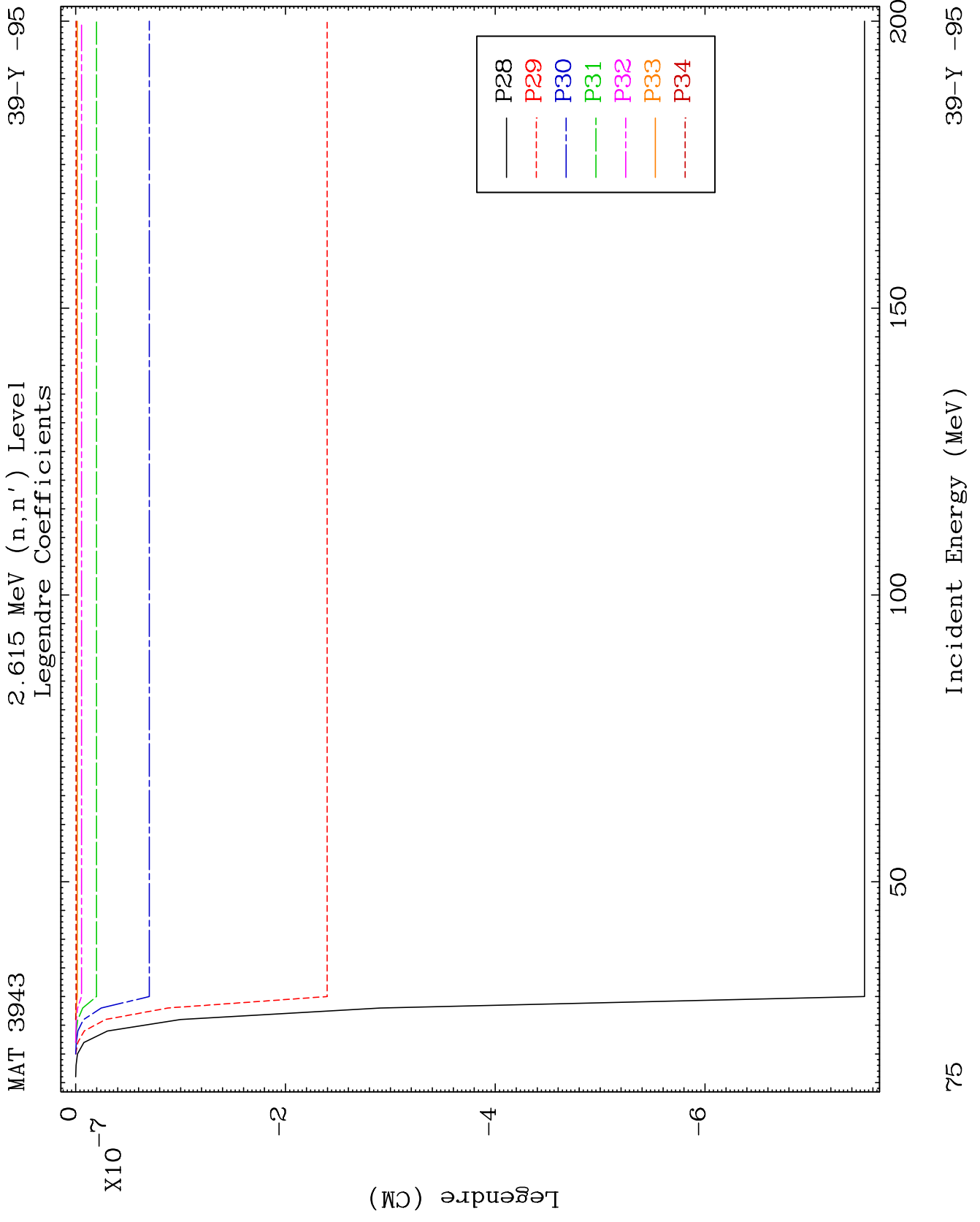


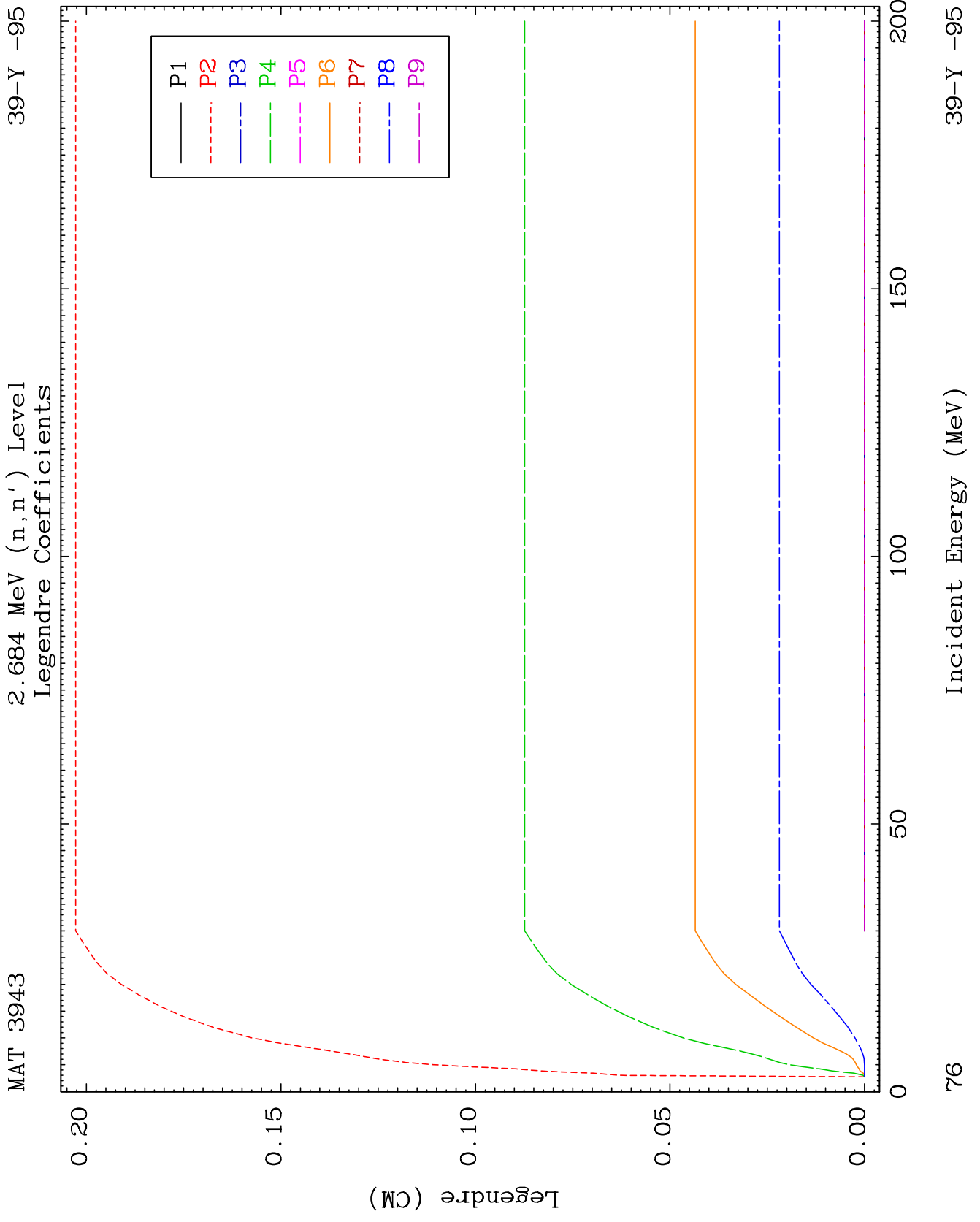
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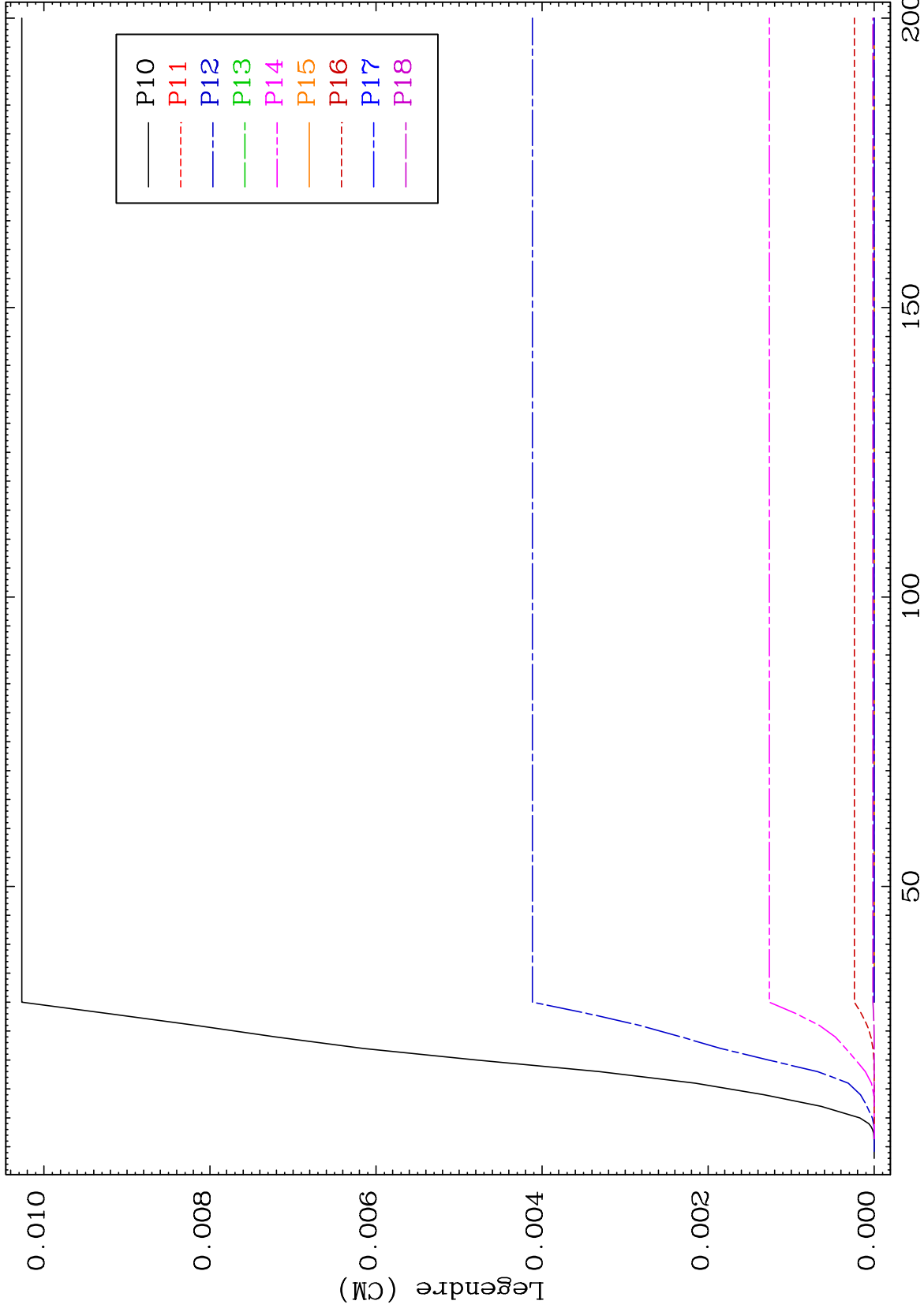
Incident Energy (MeV)

39-Y -95







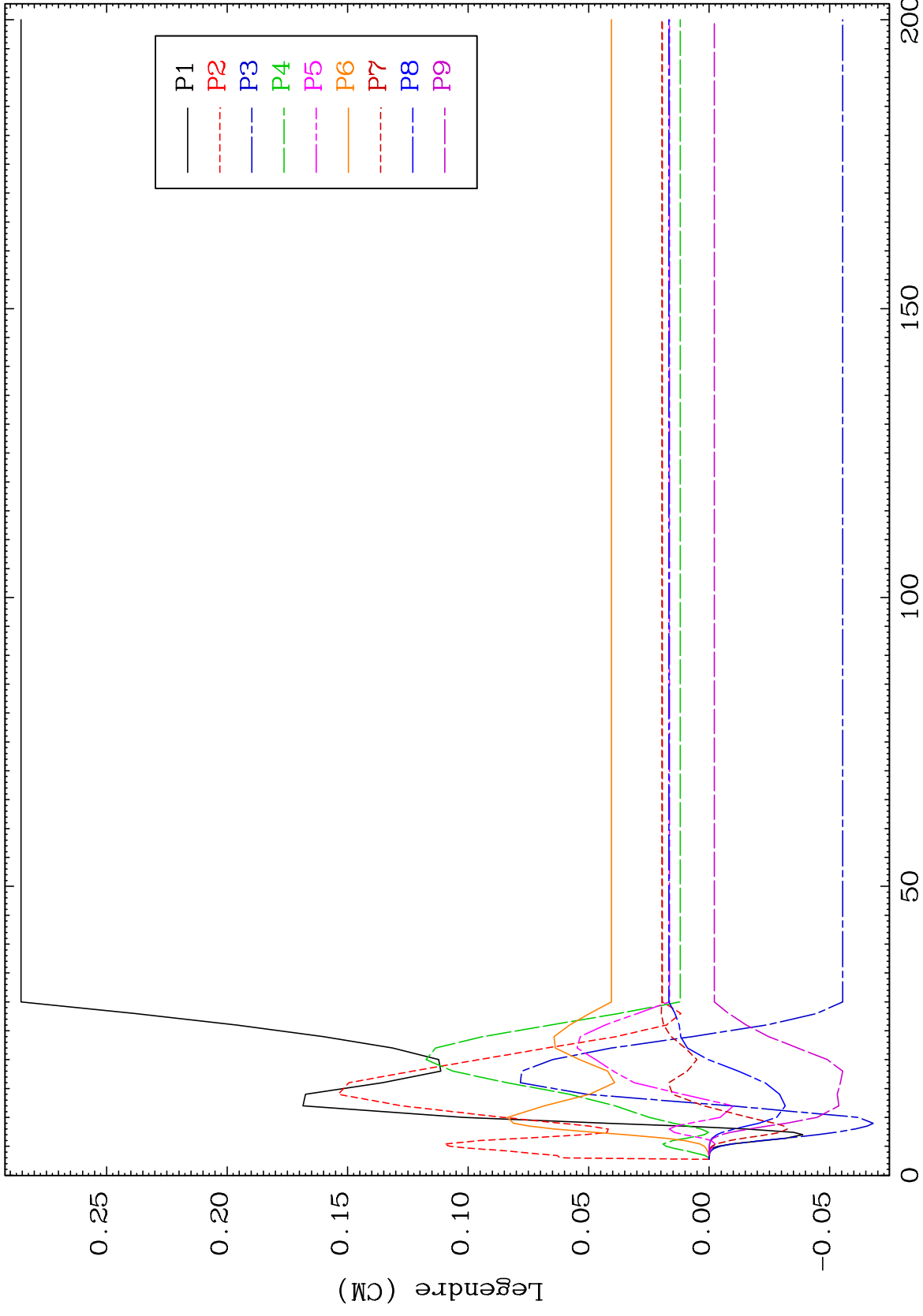




MAT 3943

2.717 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



79

Incident Energy (MeV)

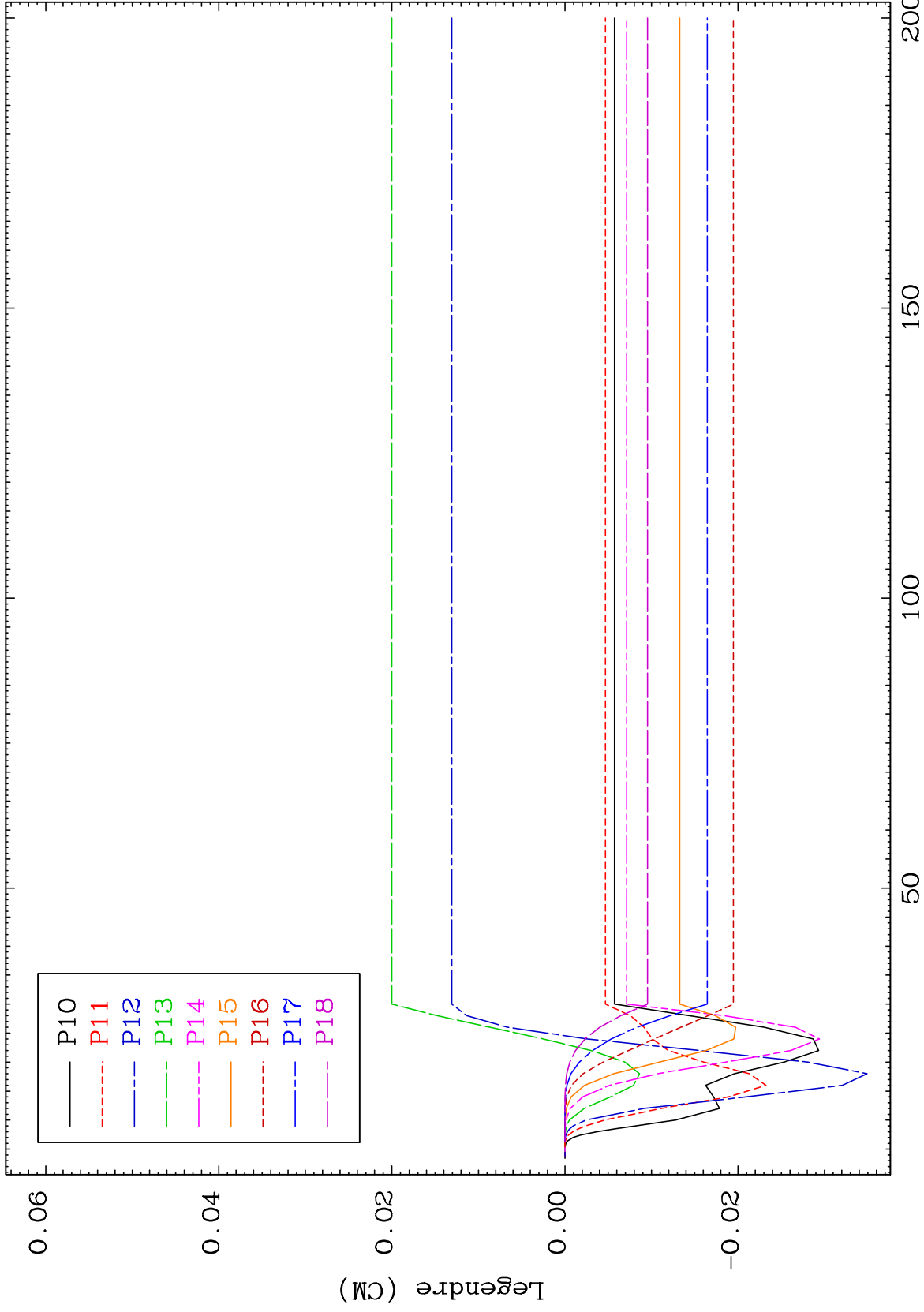
39-Y -95



MAT 3943

2.717 MeV (n,n') Level  
Legendre Coefficients

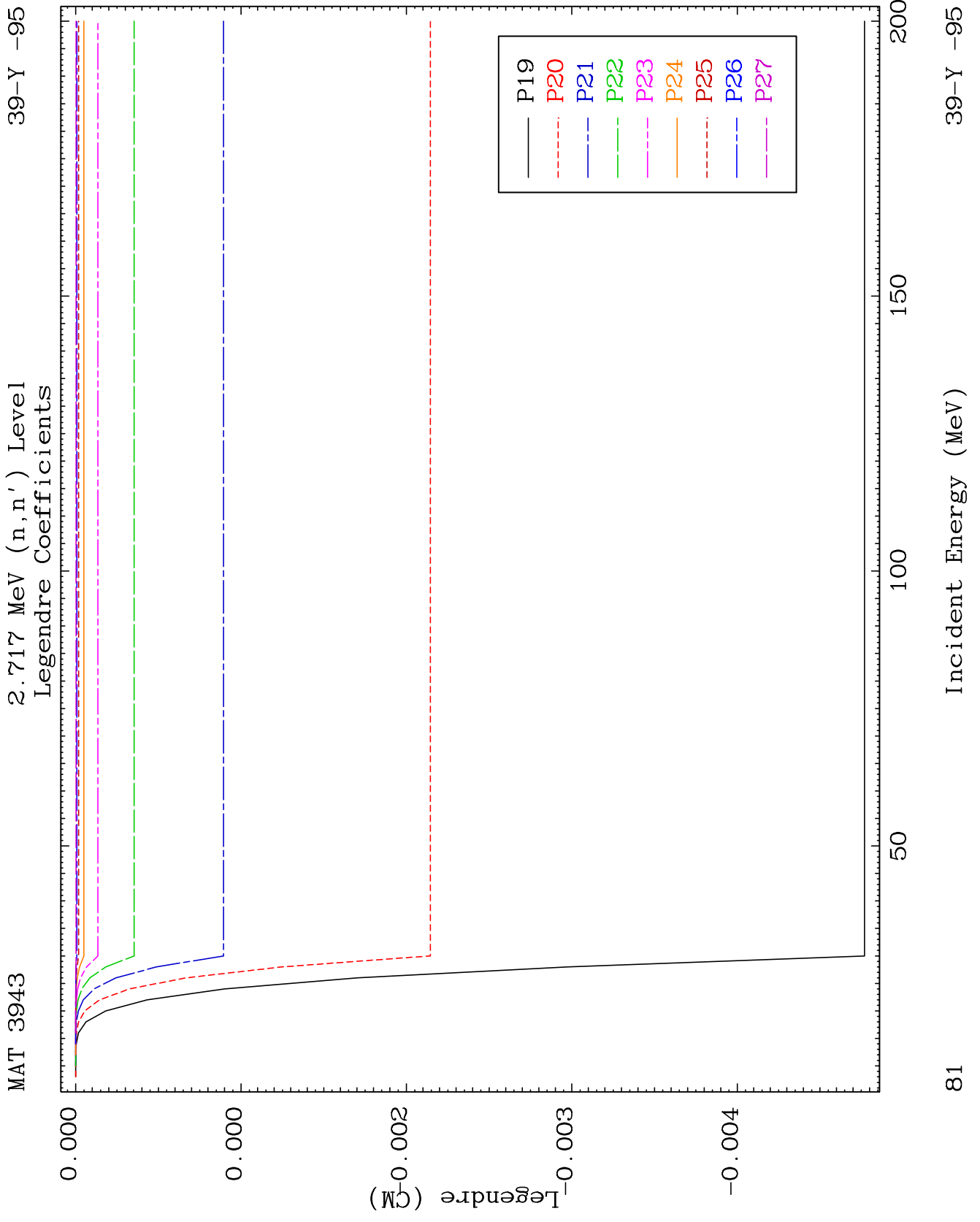
39-Y -95

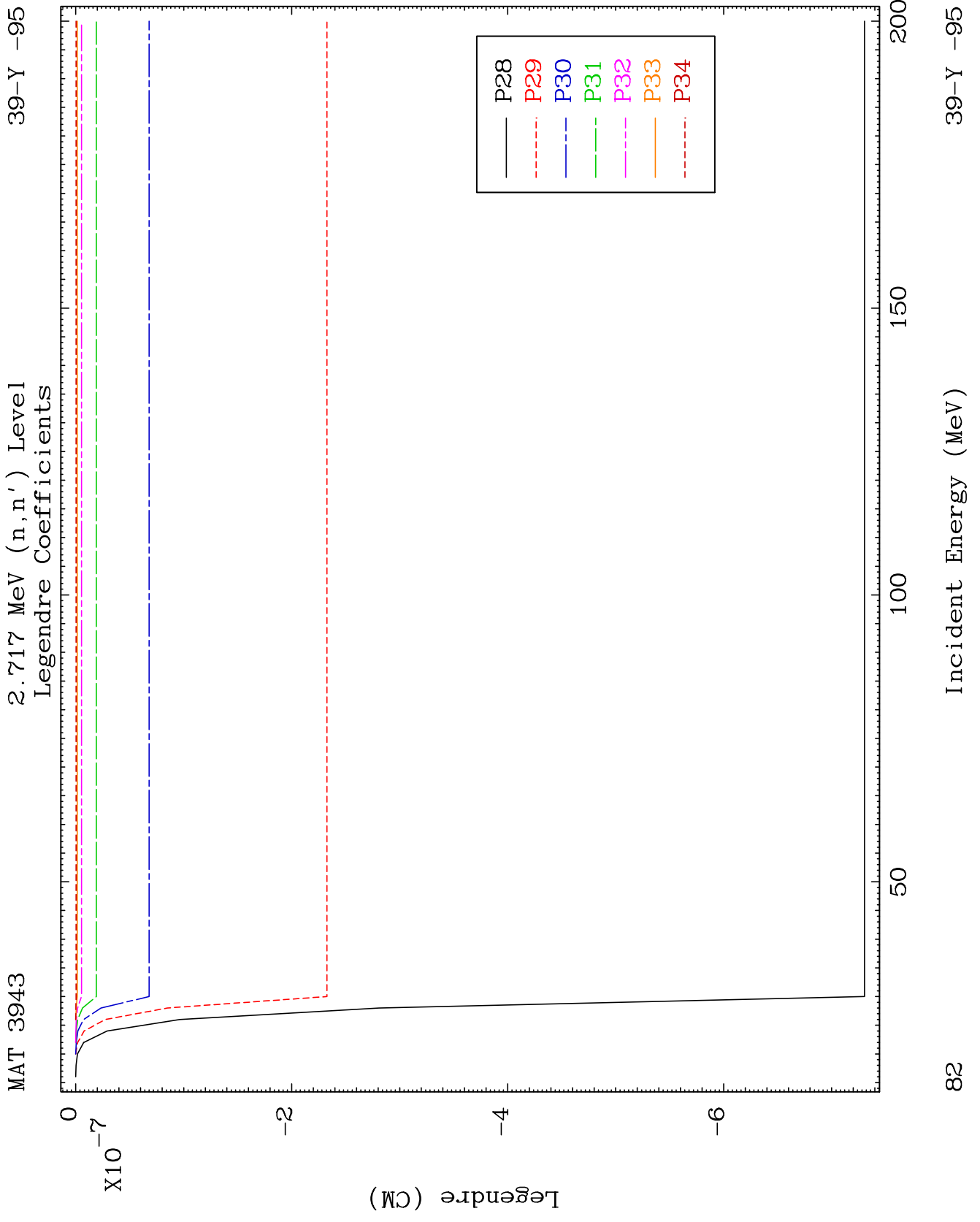


80

Incident Energy (MeV)

39-Y -95

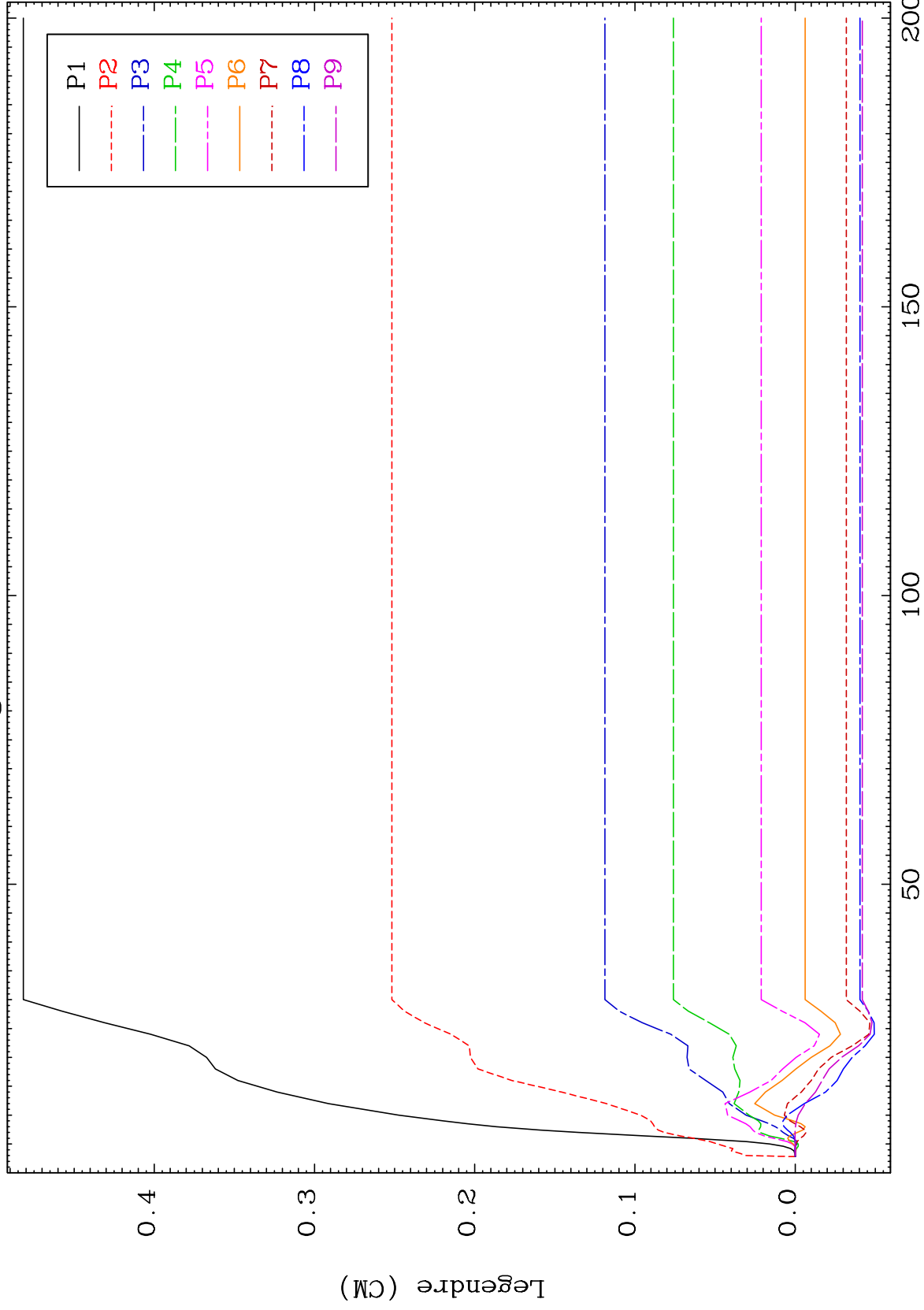




MAT 3943

2.782 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



83

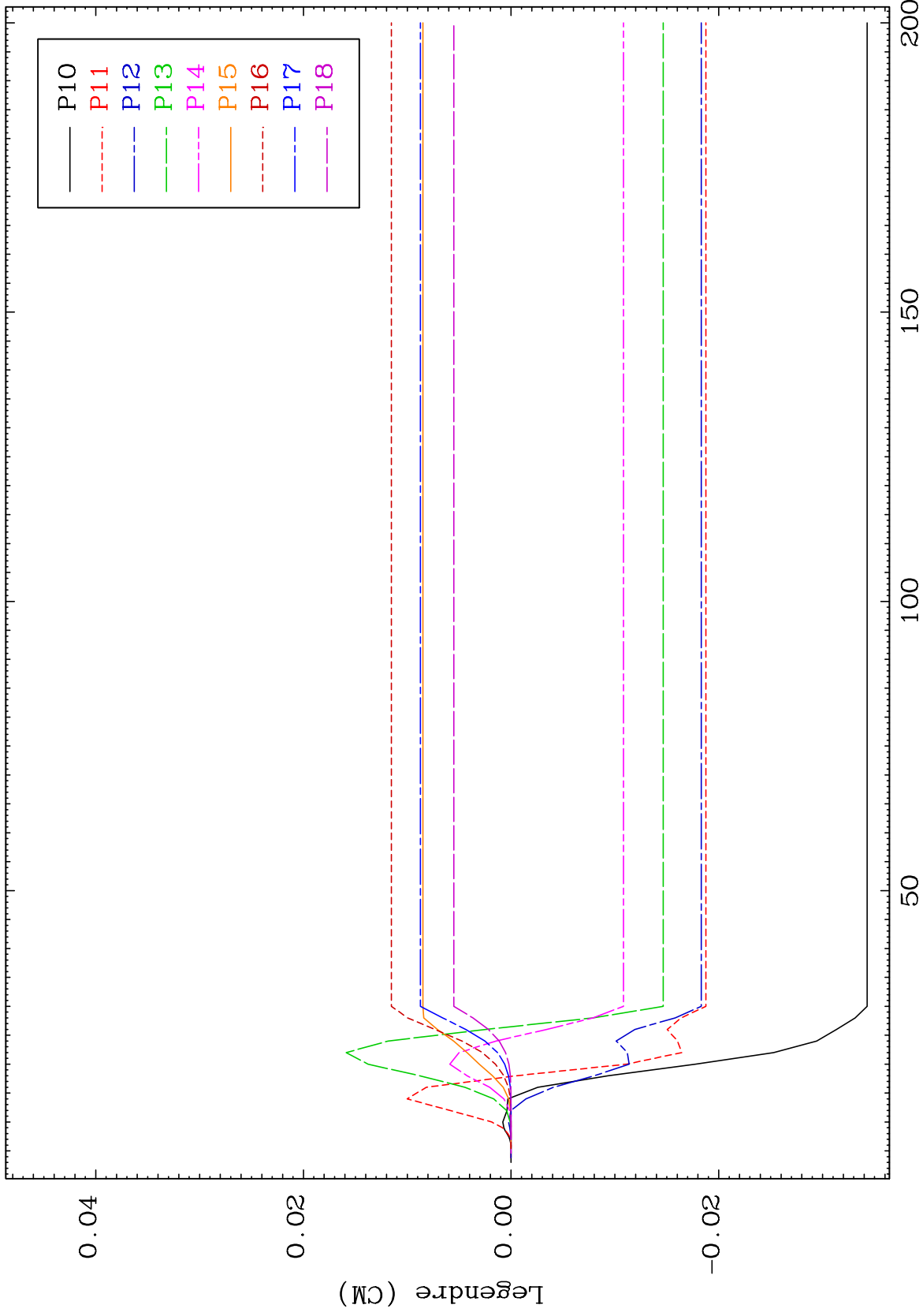
Incident Energy (MeV)

39-Y -95

MAT 3943

2.782 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



84

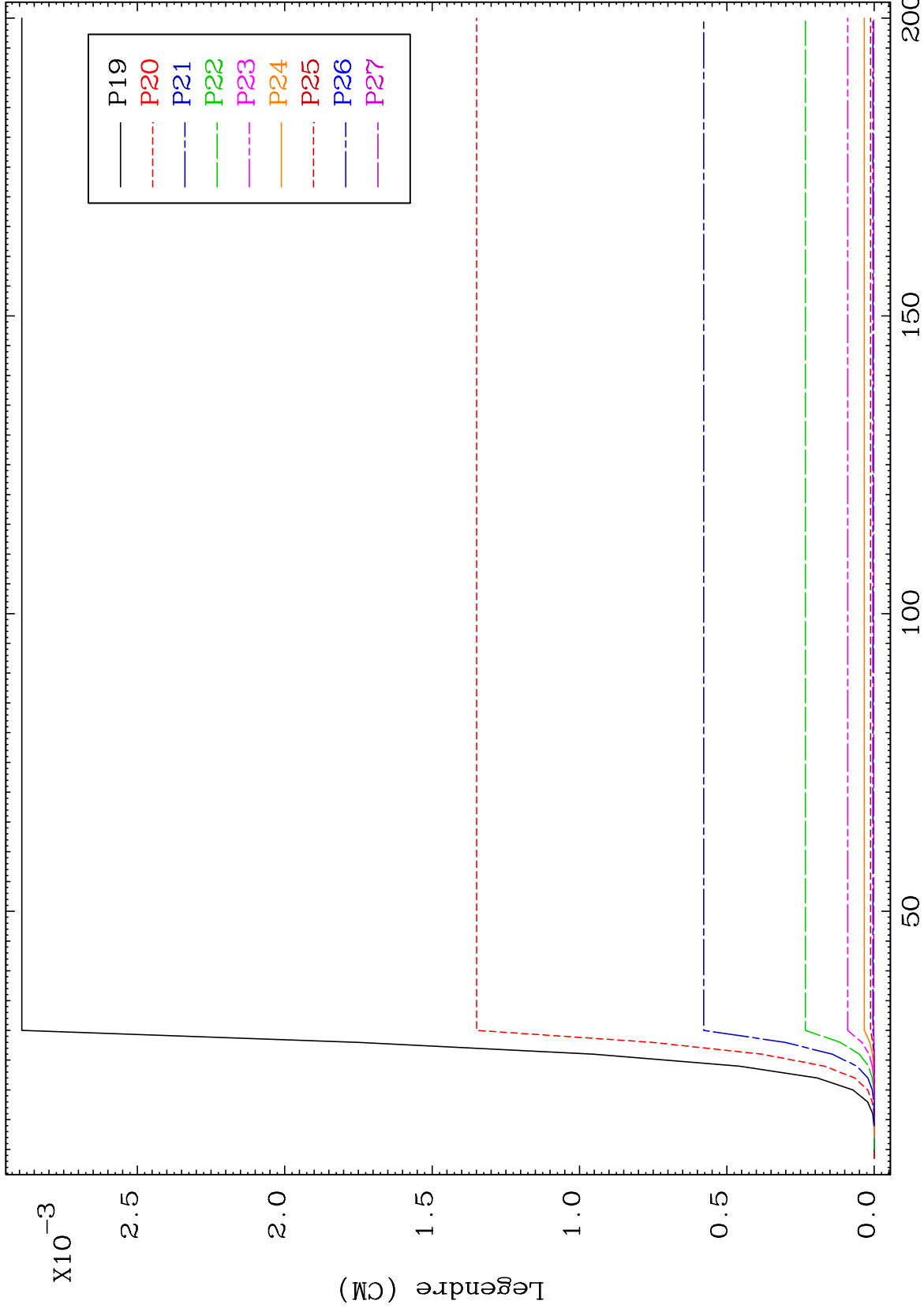
Incident Energy (MeV)

39-Y -95

MAT 3943

2.782 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



85

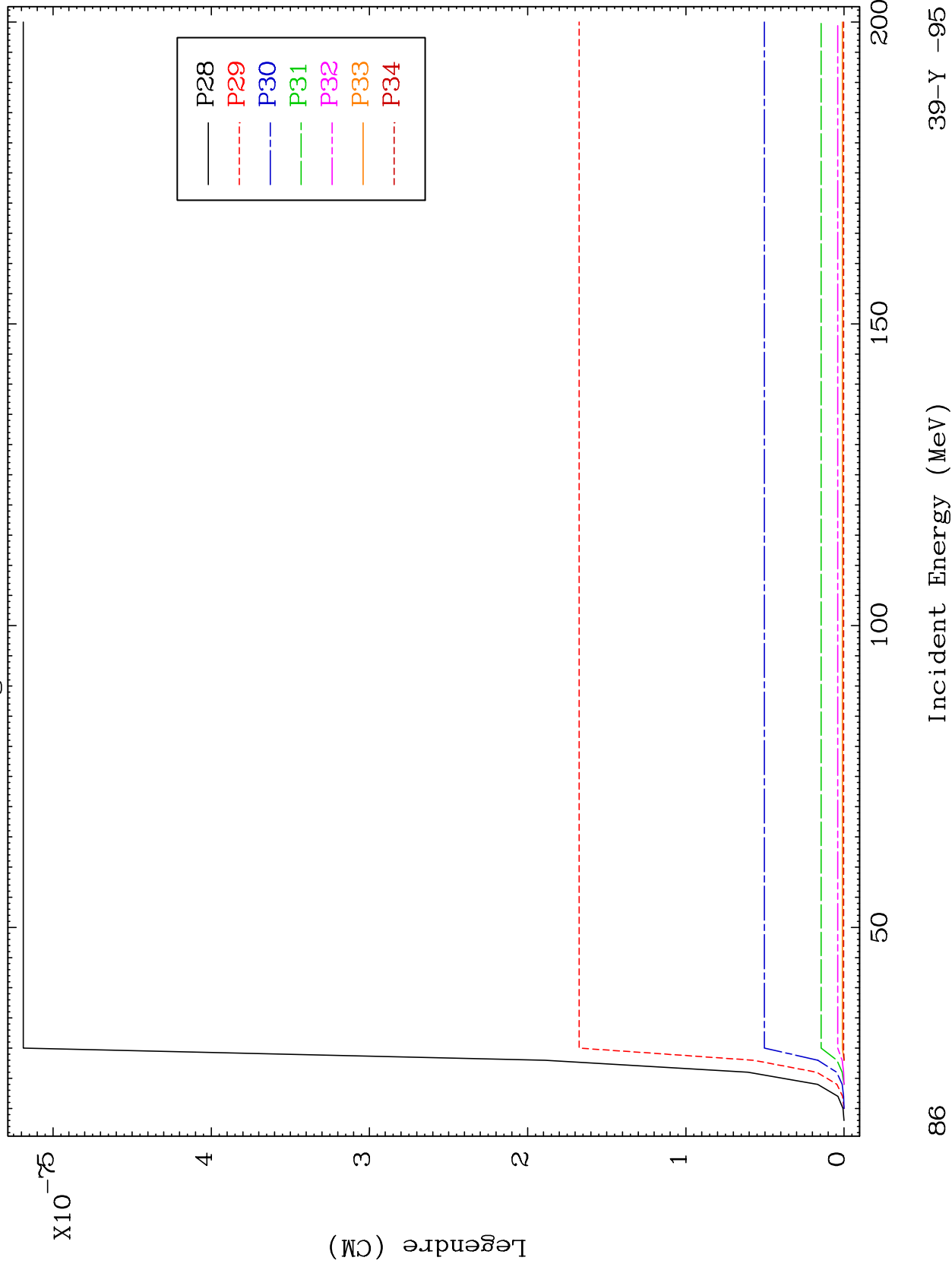
Incident Energy (MeV)

39-Y -95

MAT 3943

2.782 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



86

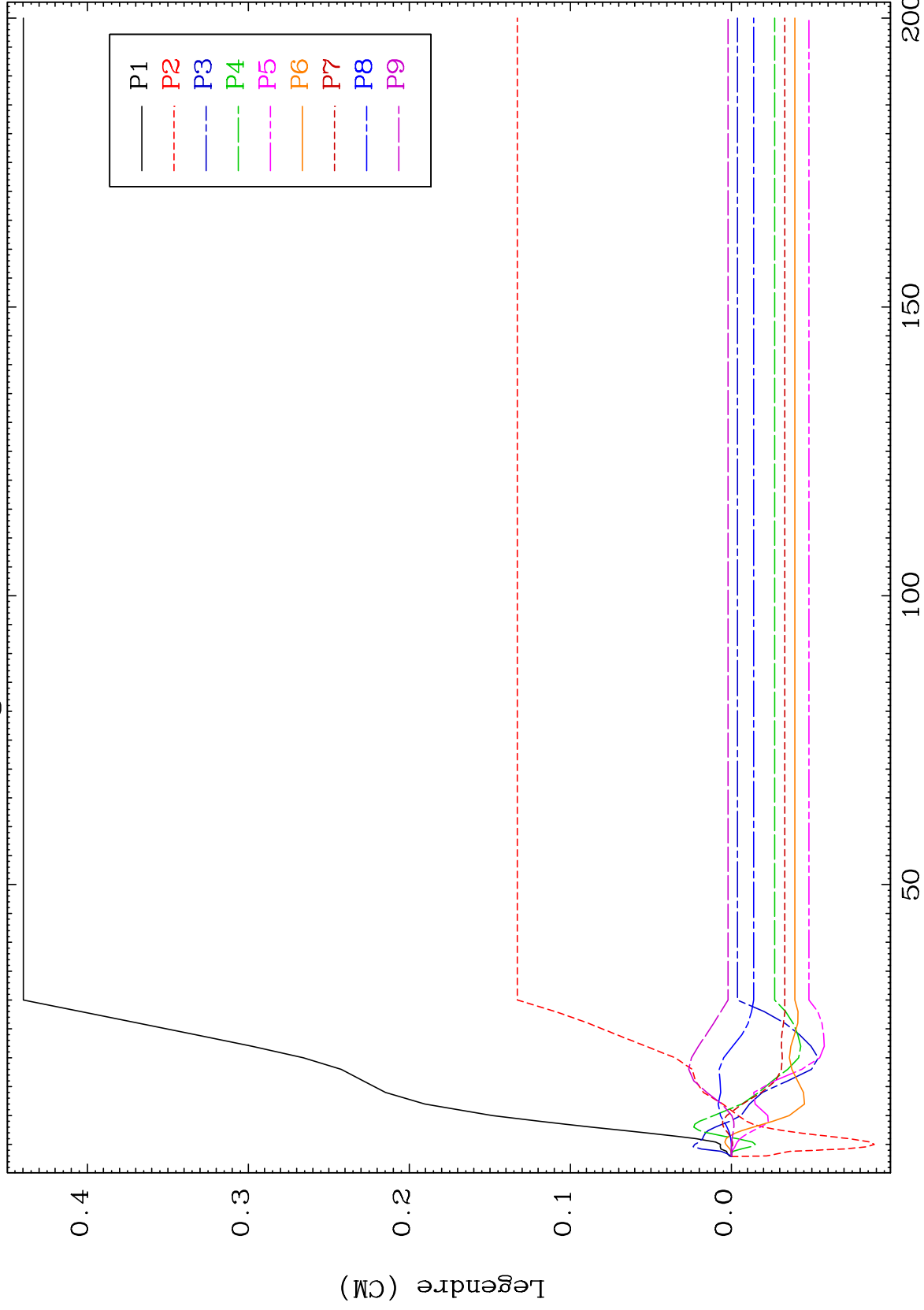
Incident Energy (MeV)

39-Y -95

MAT 3943

2.855 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



87

Incident Energy (MeV)

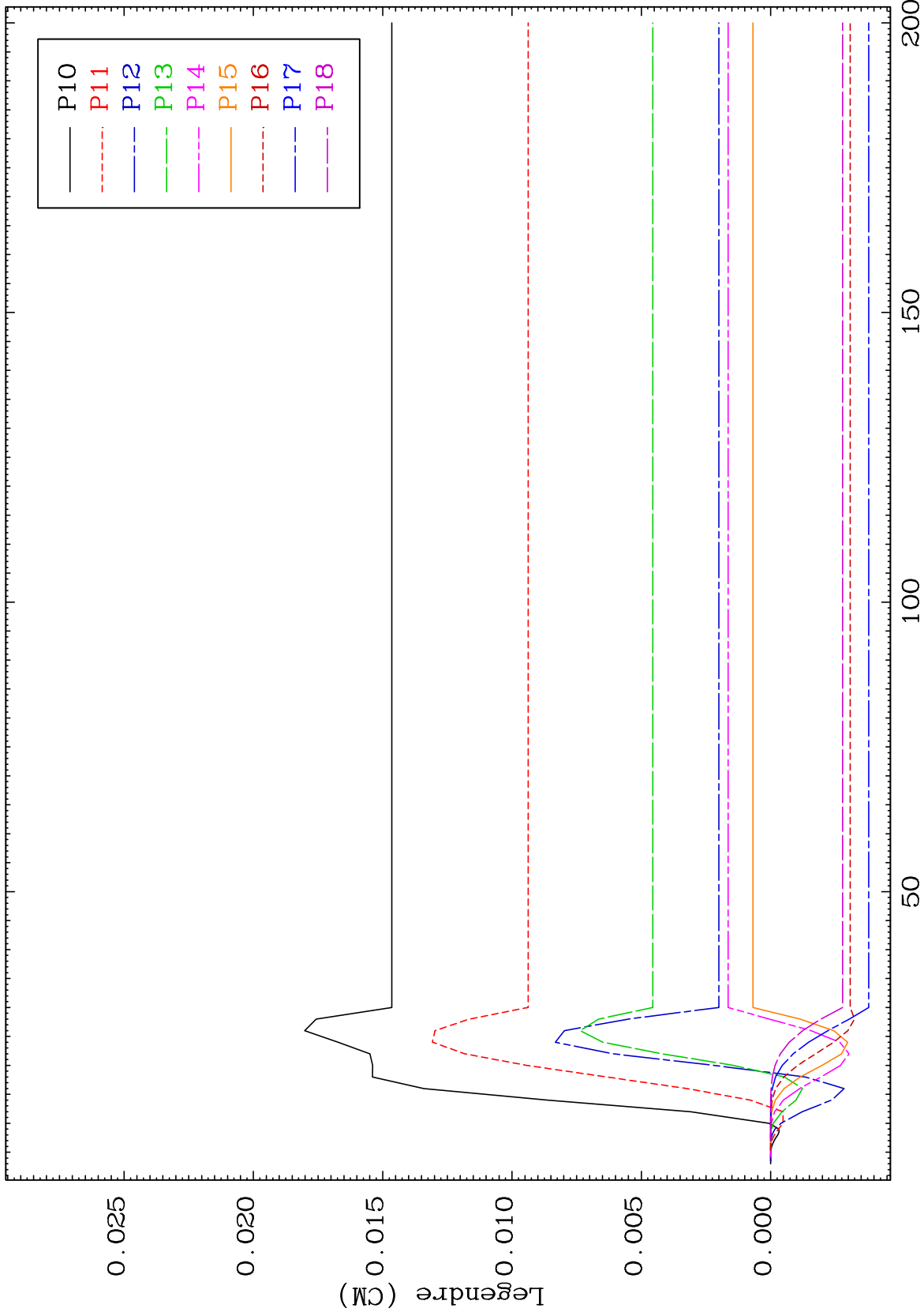
39-Y -95

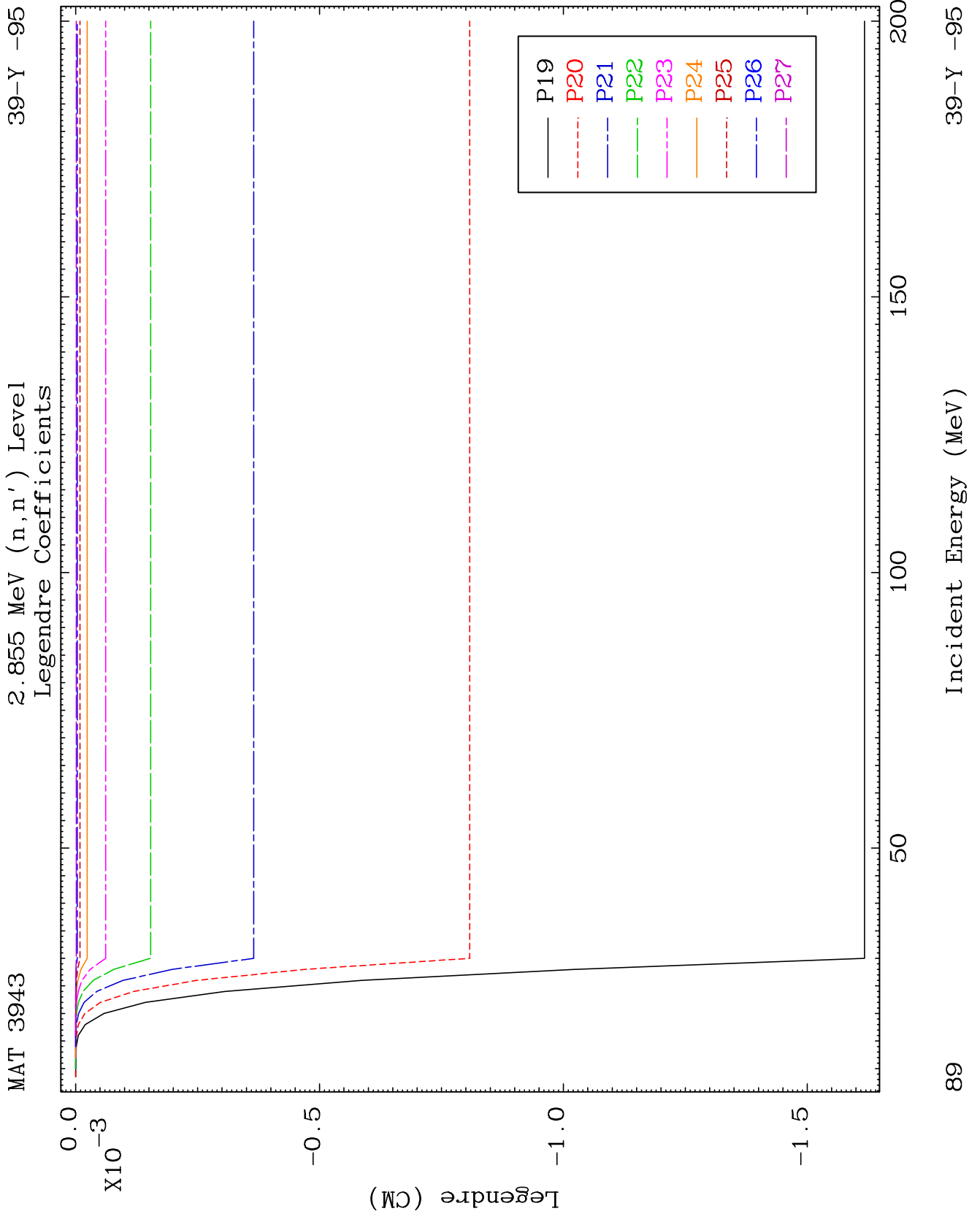


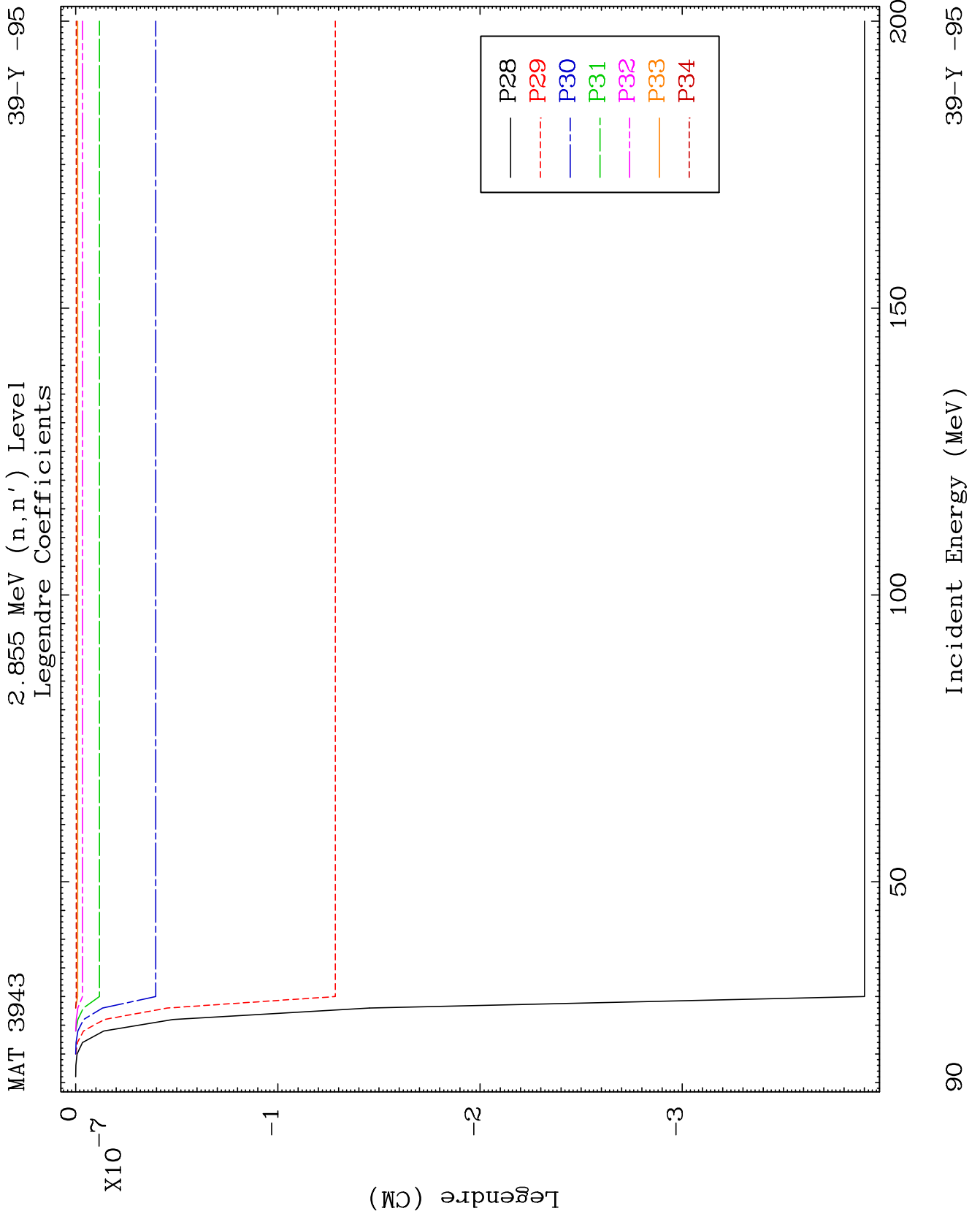
MAT 3943

2.855 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



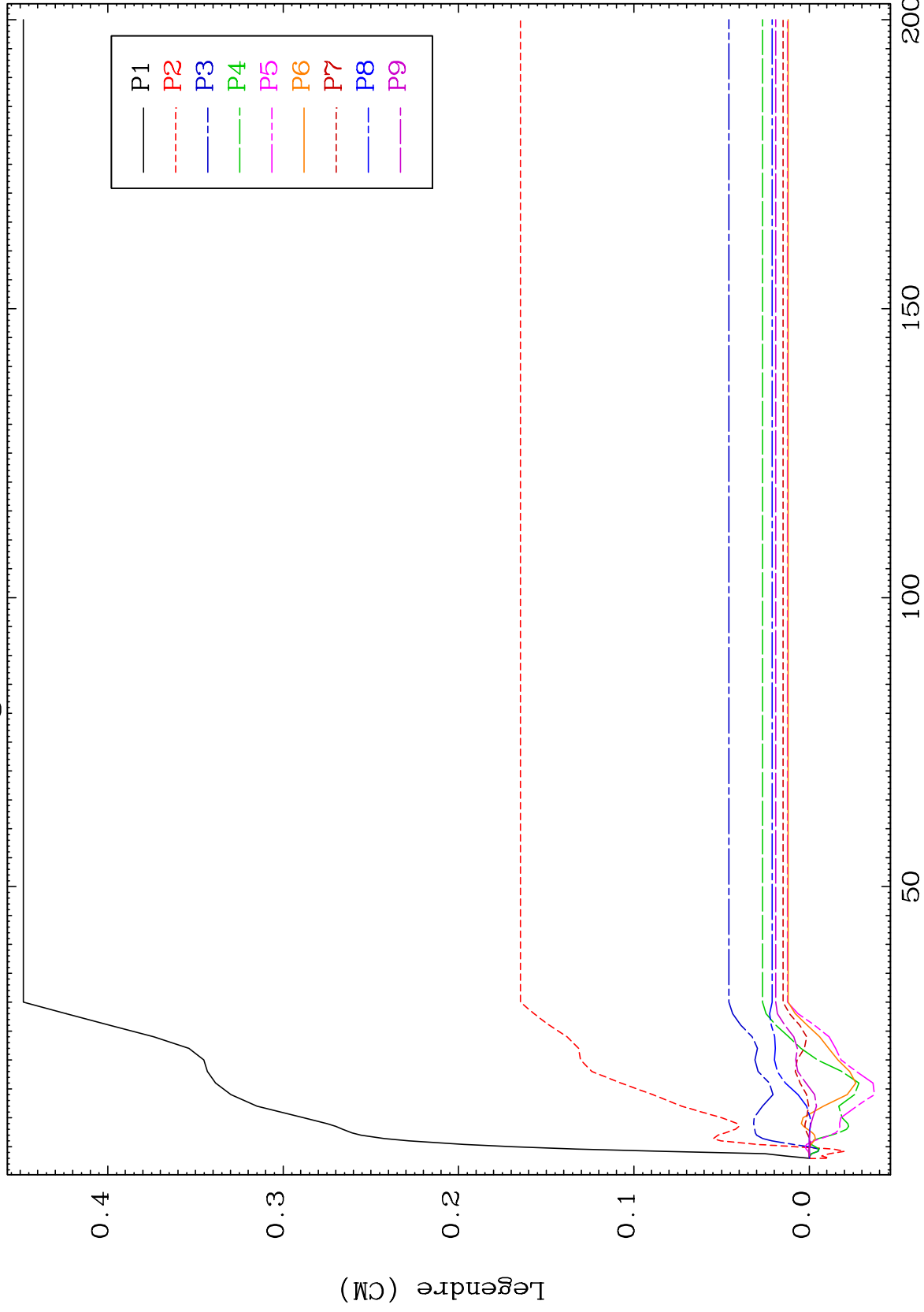




MAT 3943

2.906 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



91

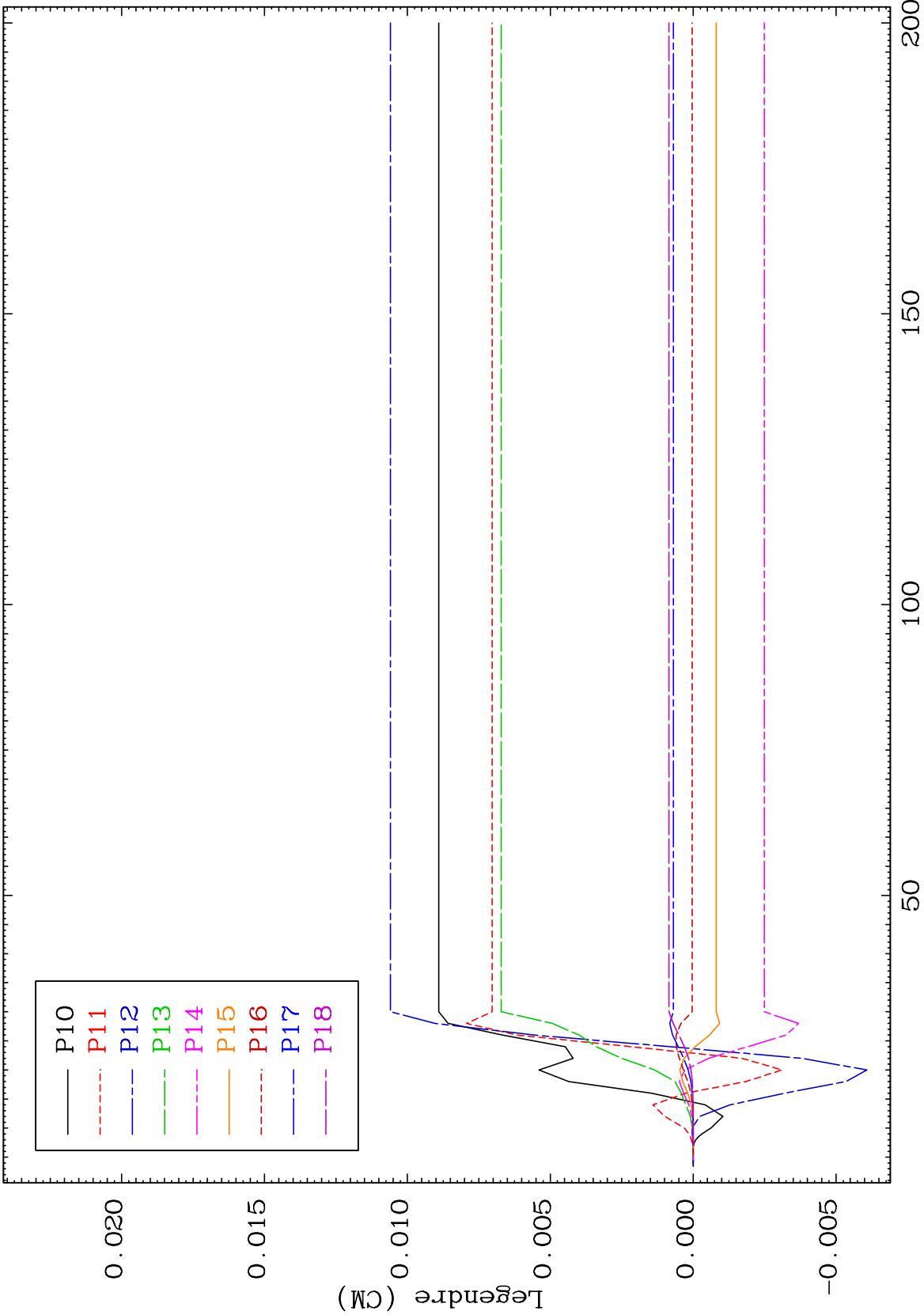
Incident Energy (MeV)

39-Y -95

MAT 3943

2.906 MeV (n,n') Level  
Legendre Coefficients

39-Y -95

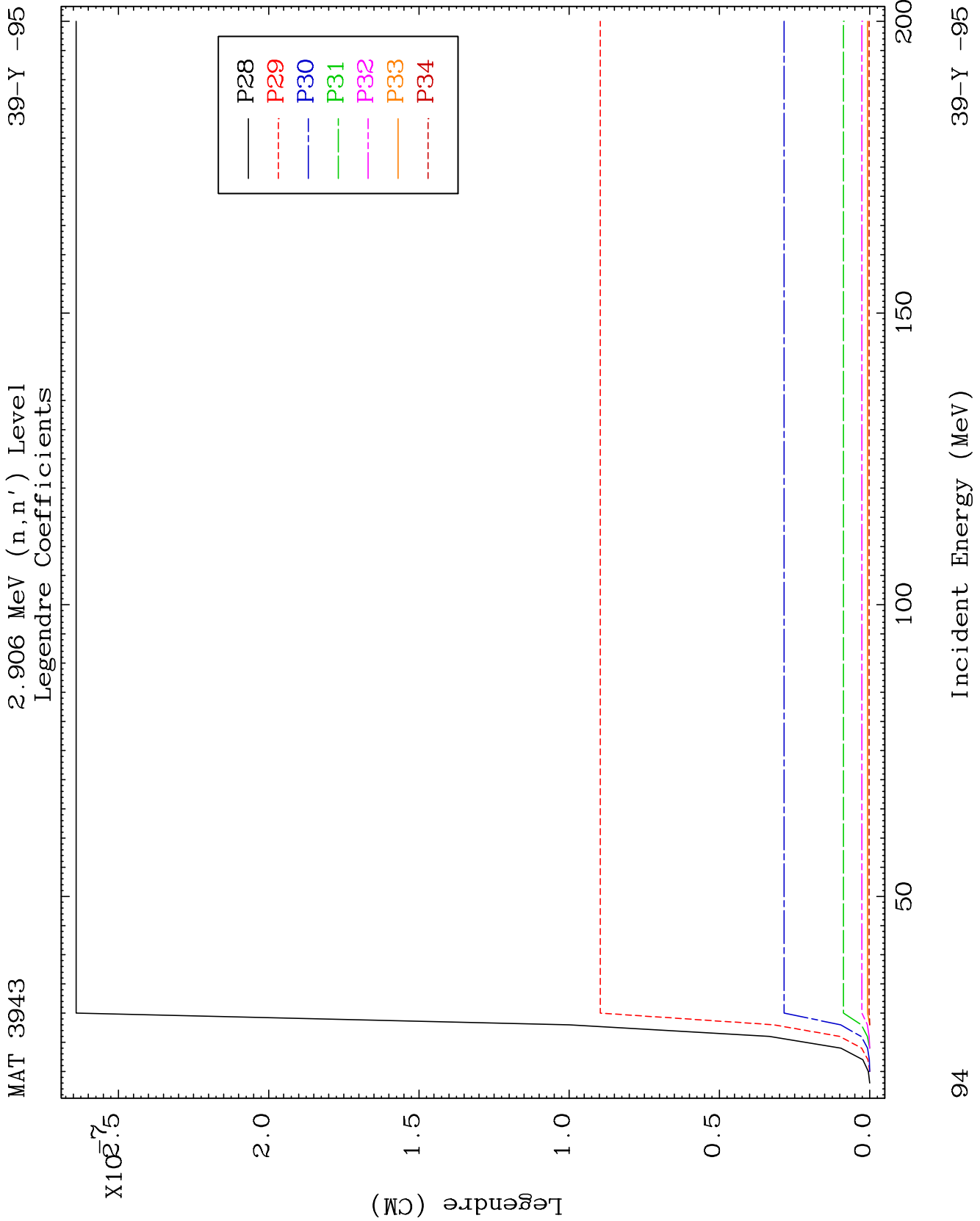


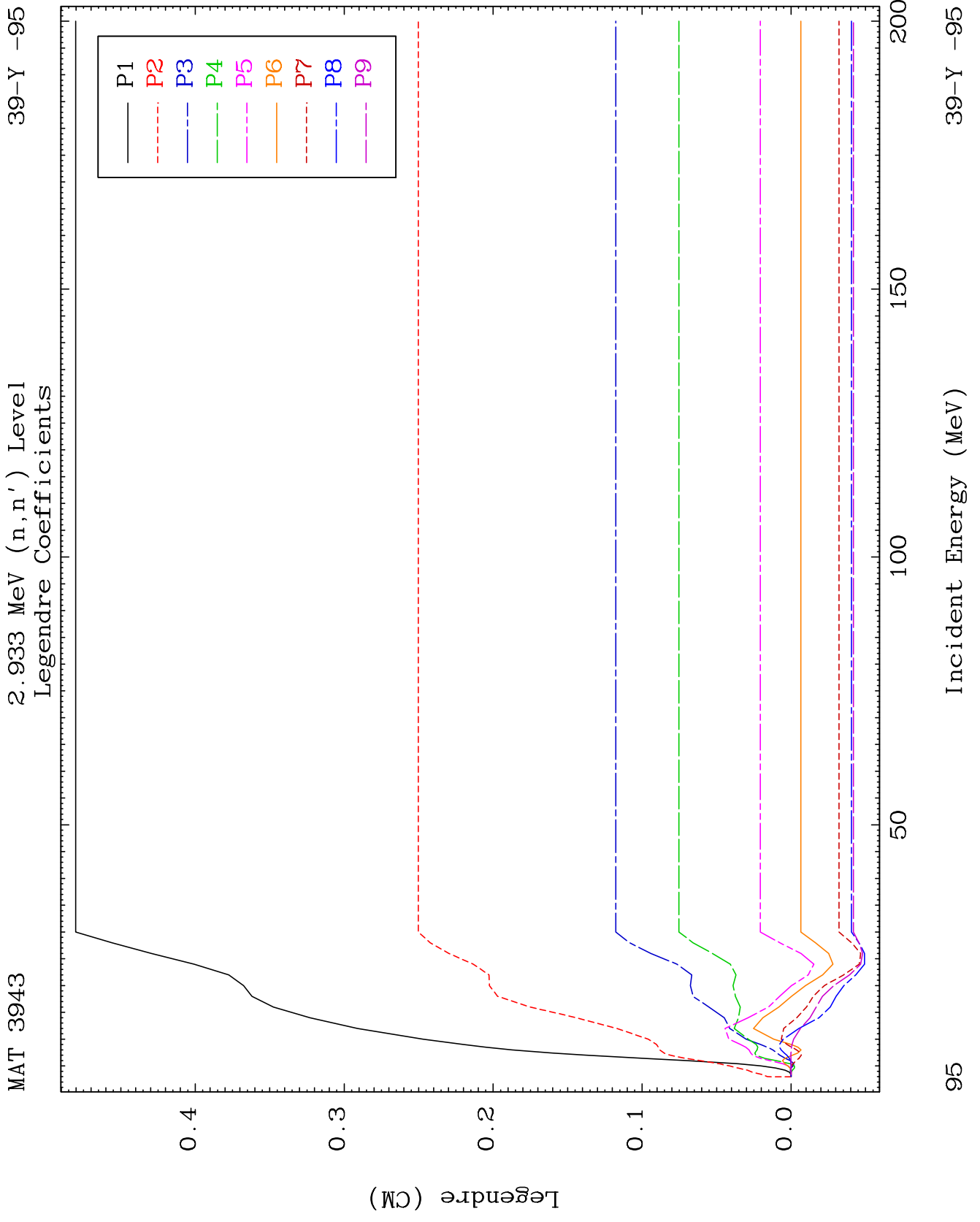
92

Incident Energy (MeV)

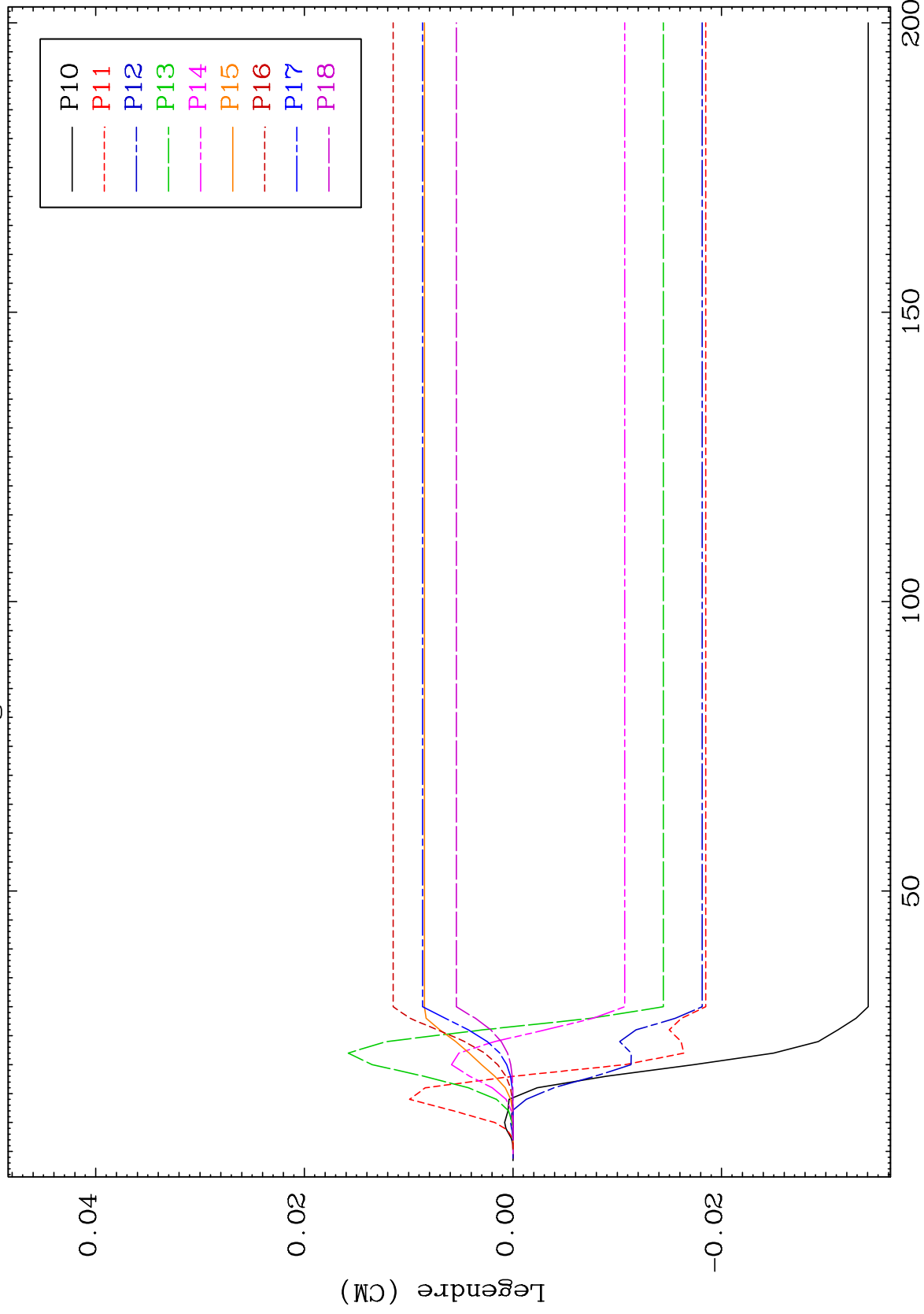
39-Y -95







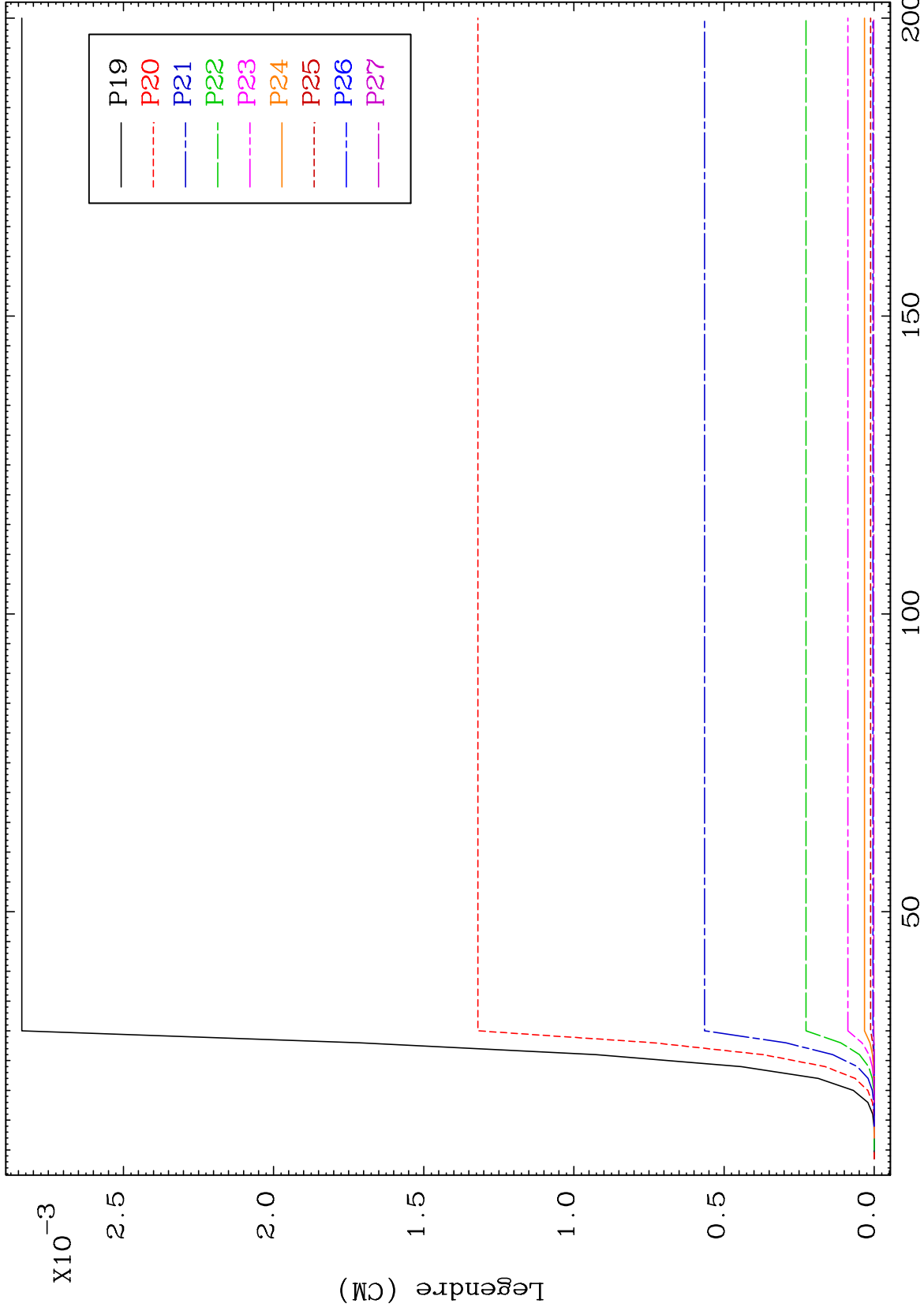




MAT 3943

2.933 MeV (n,n') Level  
Legendre Coefficients

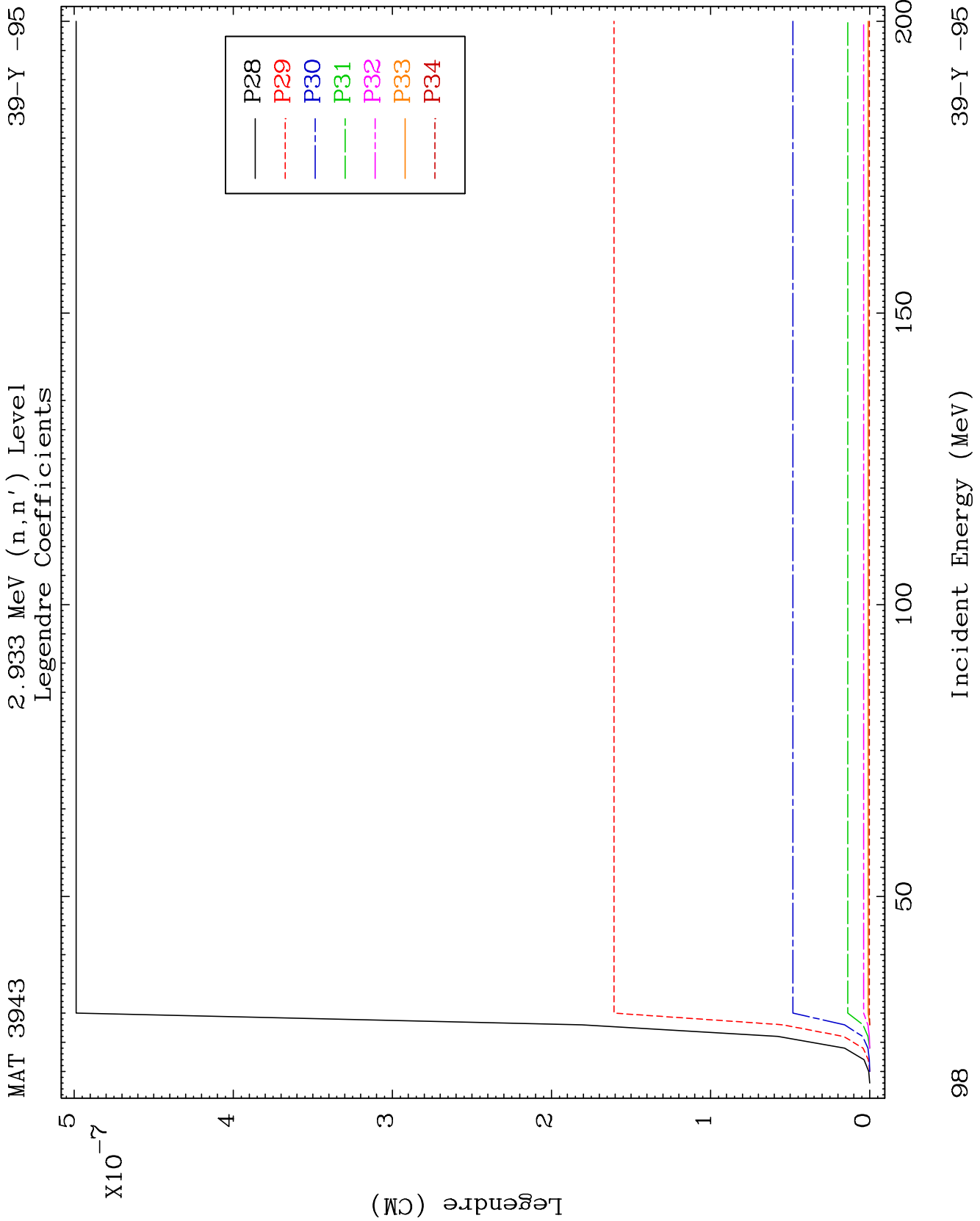
39-Y -95

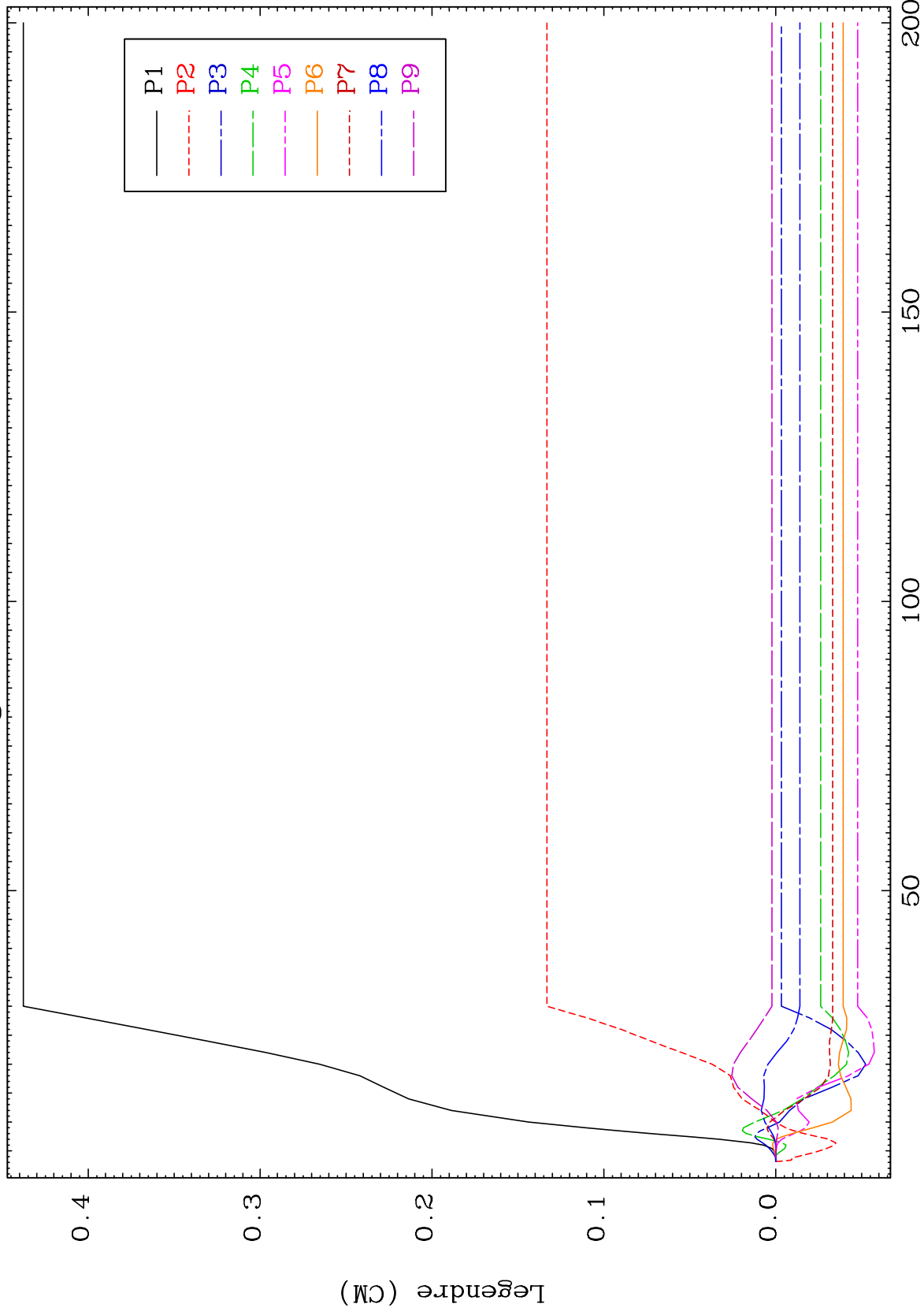


97

Incident Energy (MeV)

39-Y -95

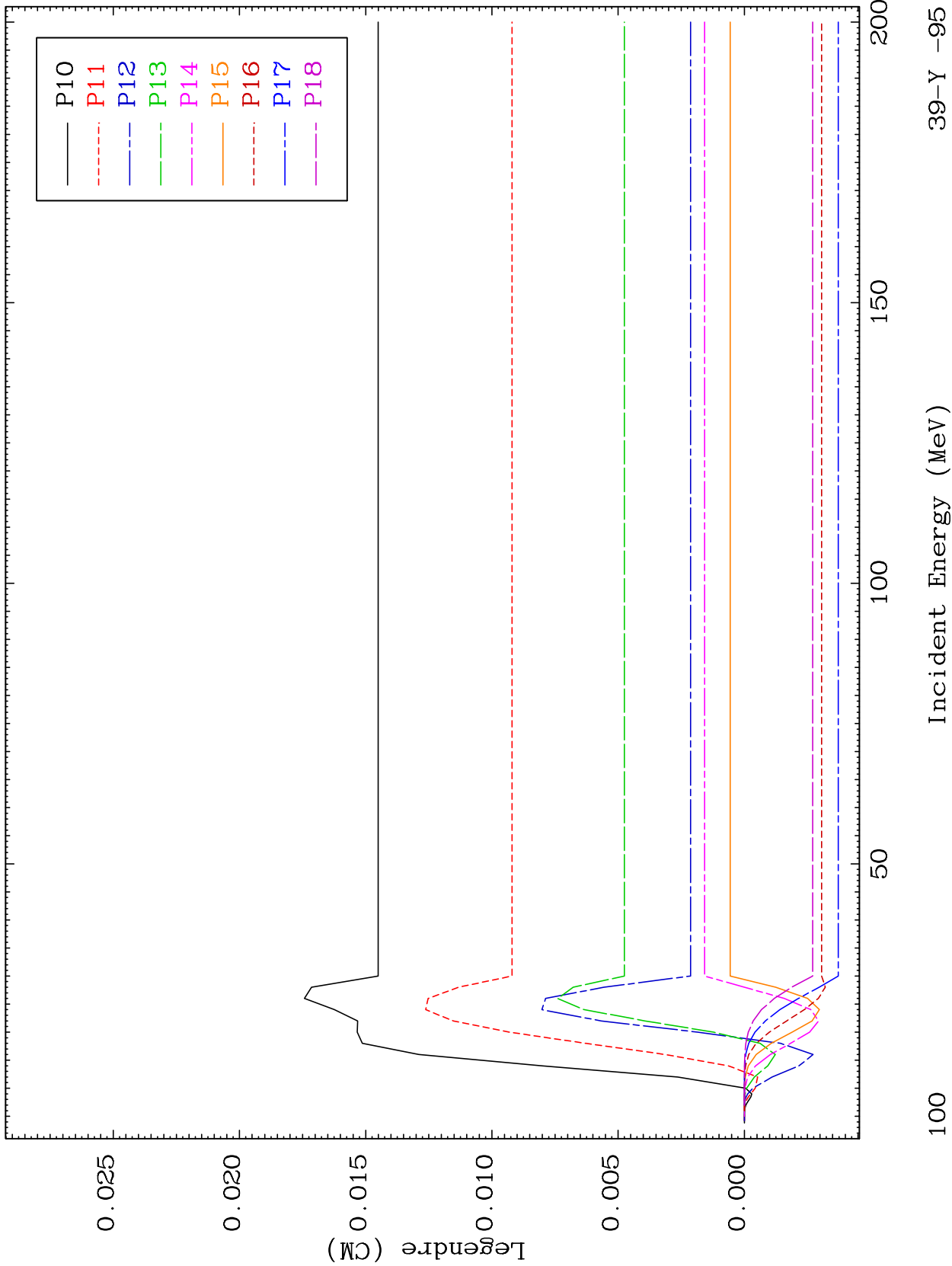




MAT 3943

3.117 MeV (n,n') Level  
Legendre Coefficients

39-Y -95

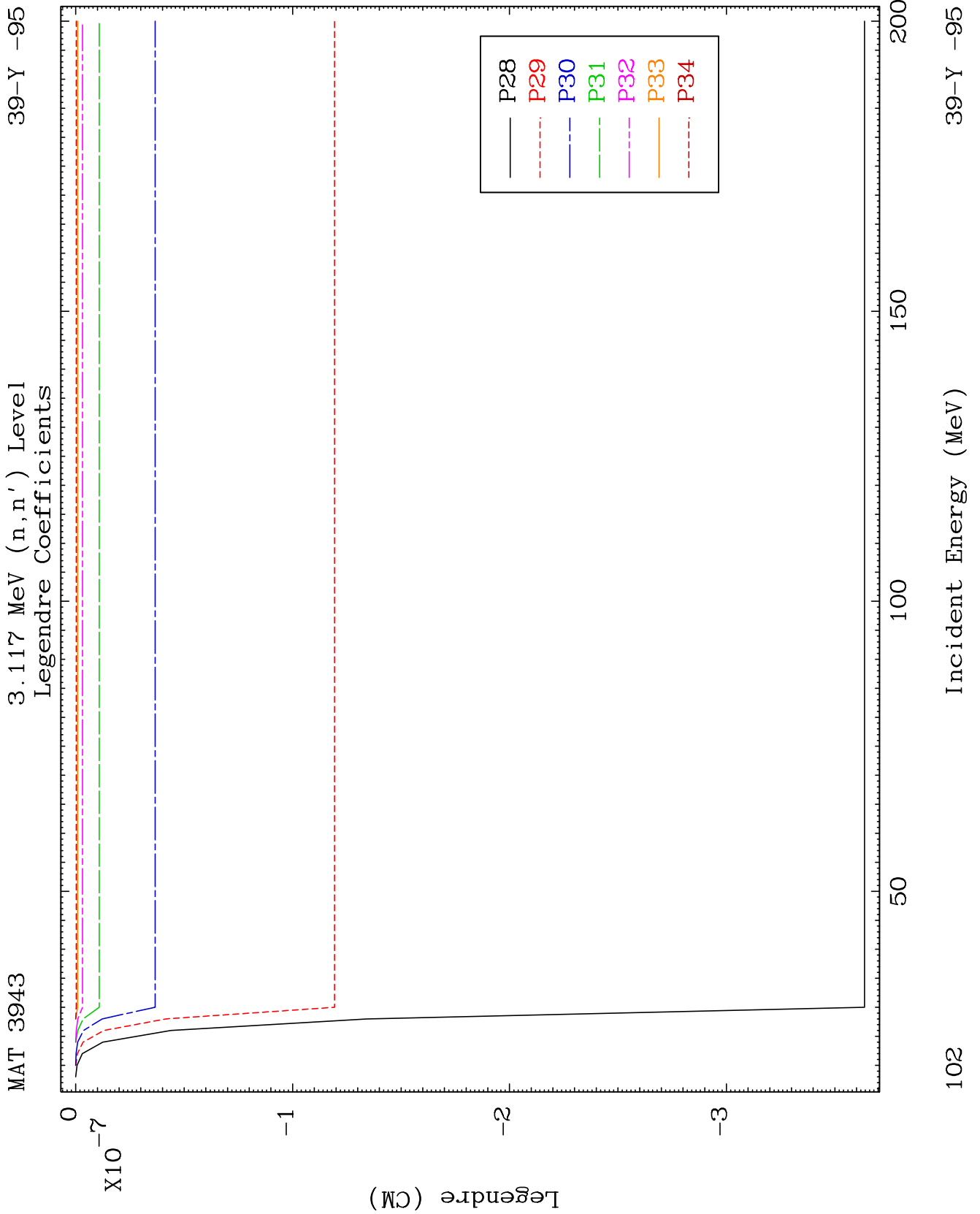


100

Incident Energy (MeV)

39-Y -95

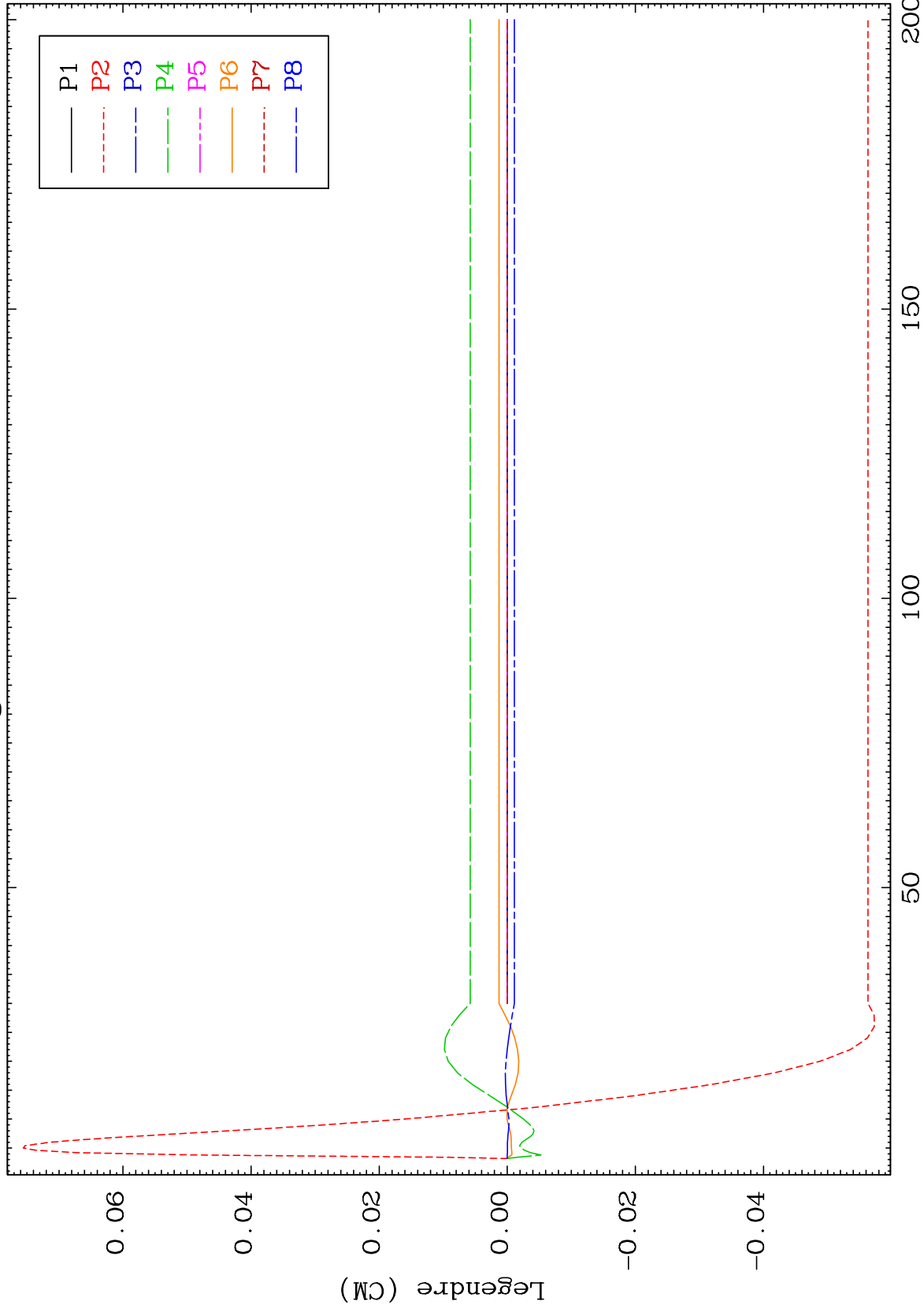




MAT 3943

3.142 MeV (n,n') Level  
Legendre Coefficients

39-Y -95

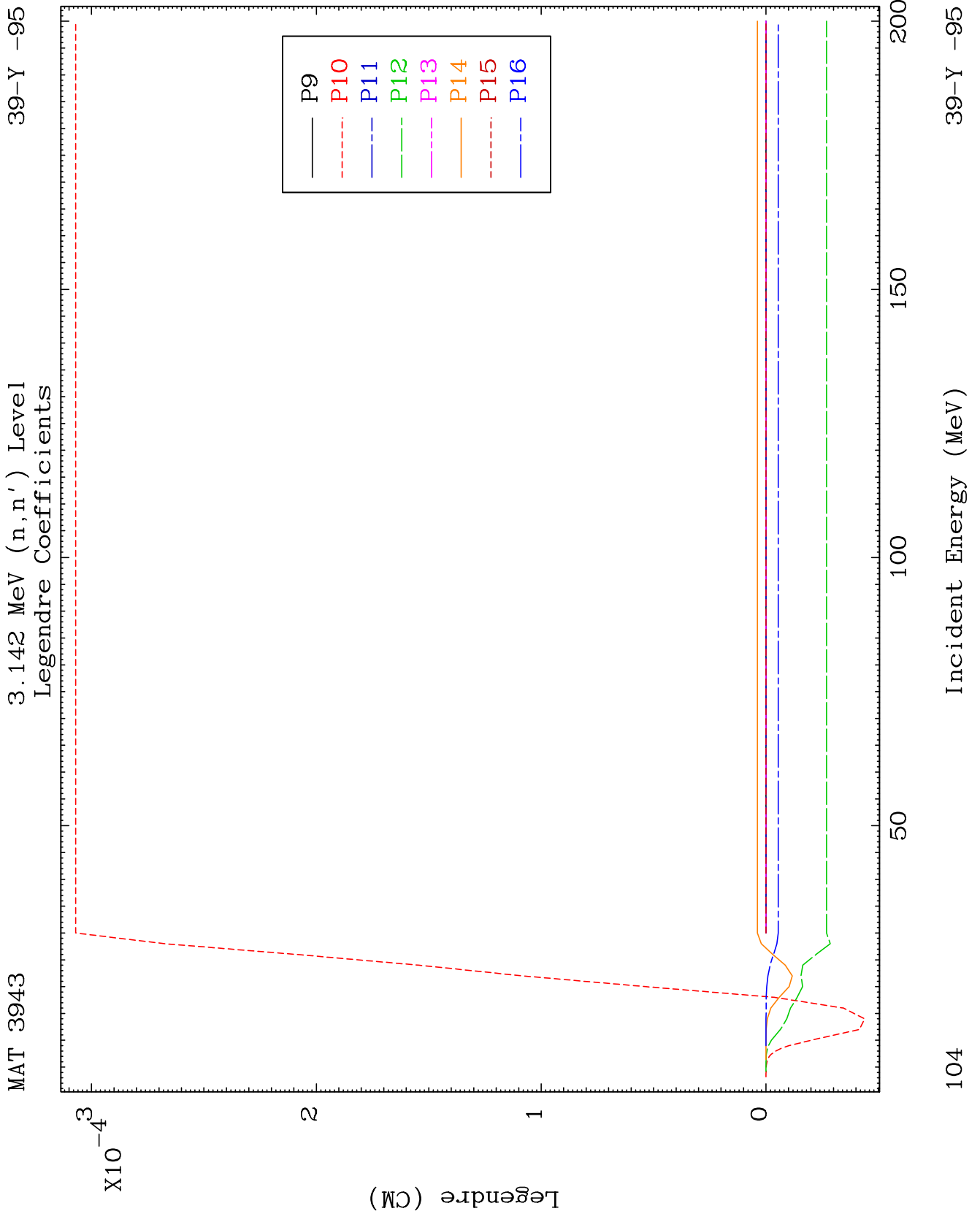


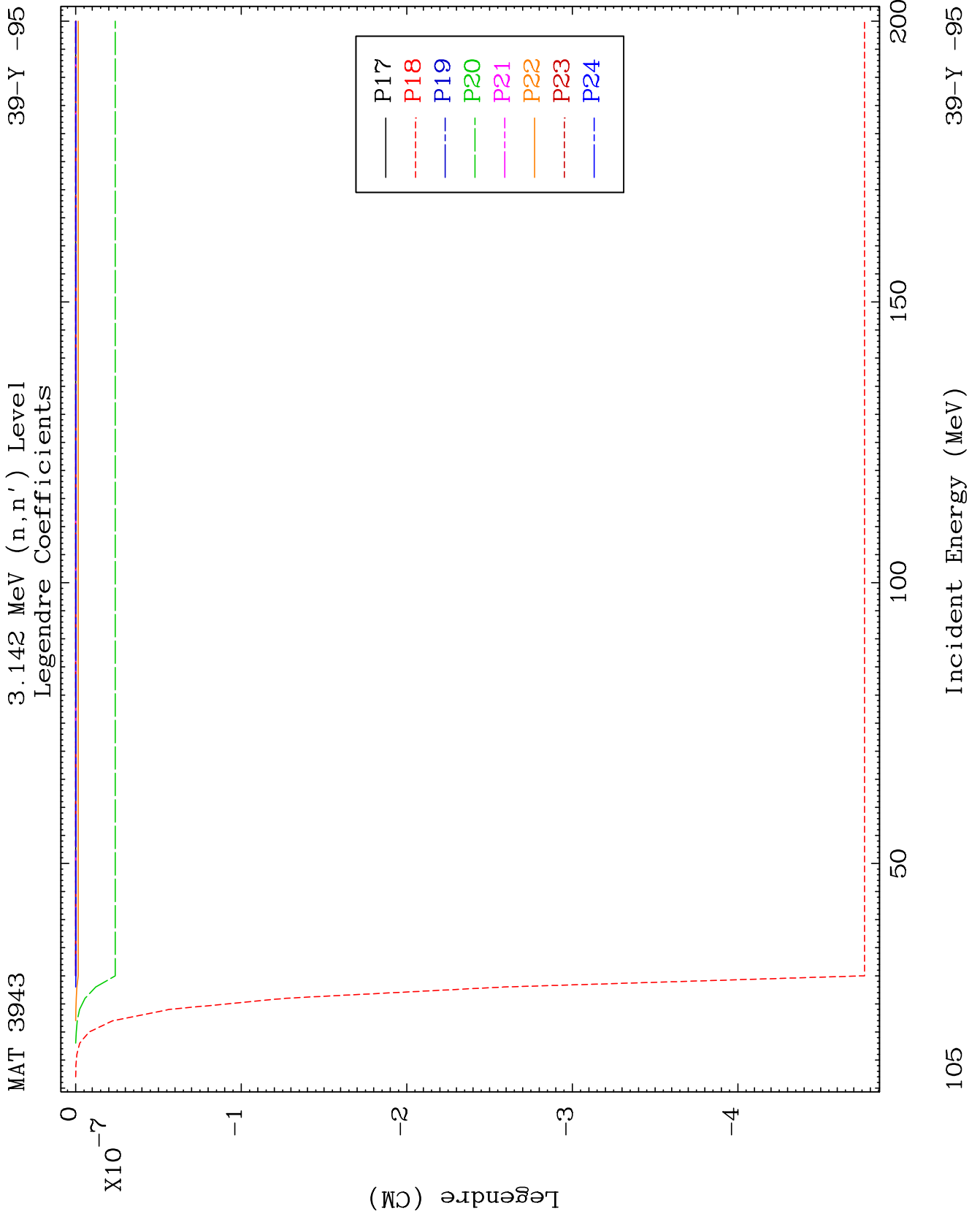
103

Incident Energy (MeV)

39-Y -95



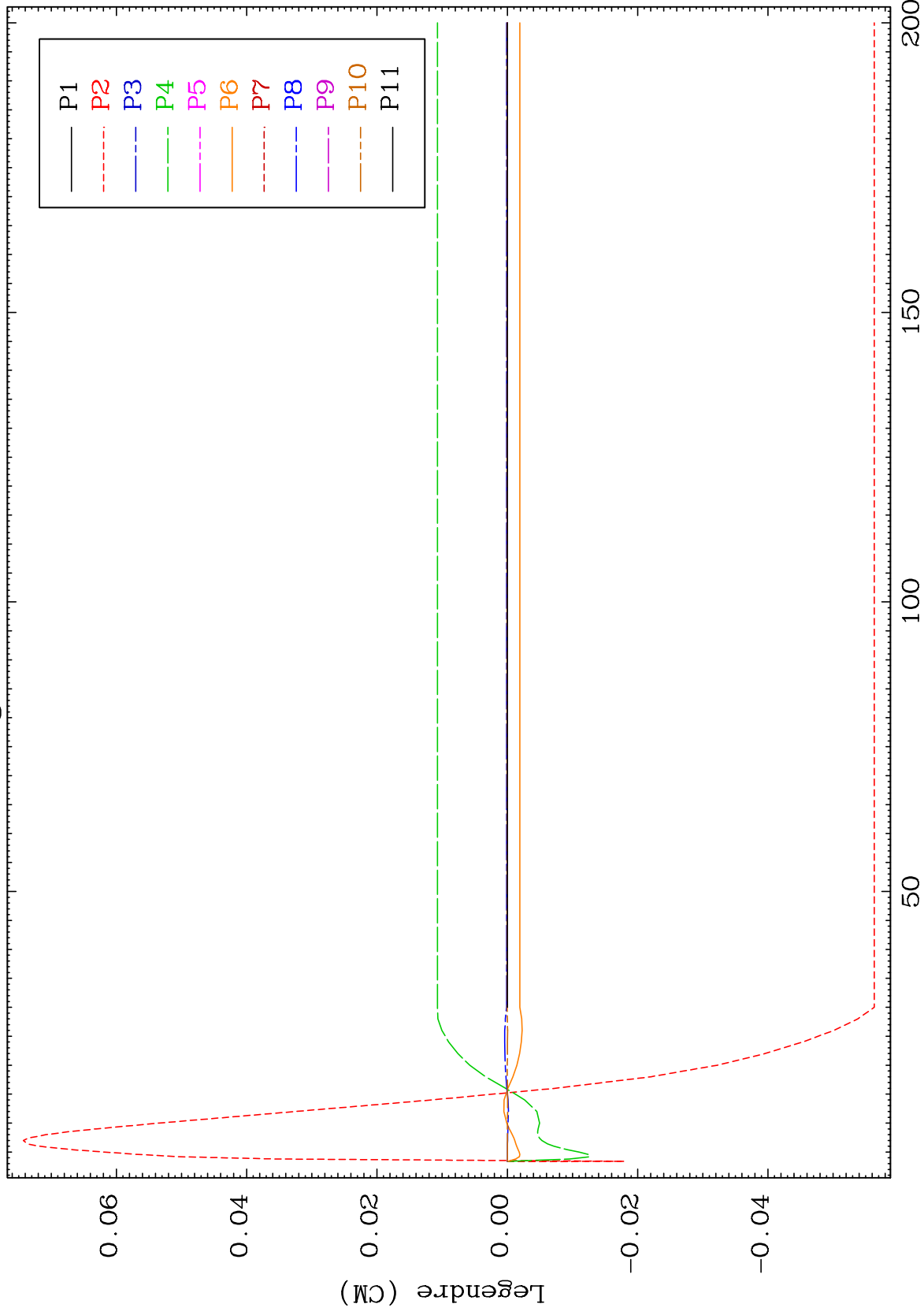




MAT 3943

3.314 MeV (n,n') Level  
Legendre Coefficients

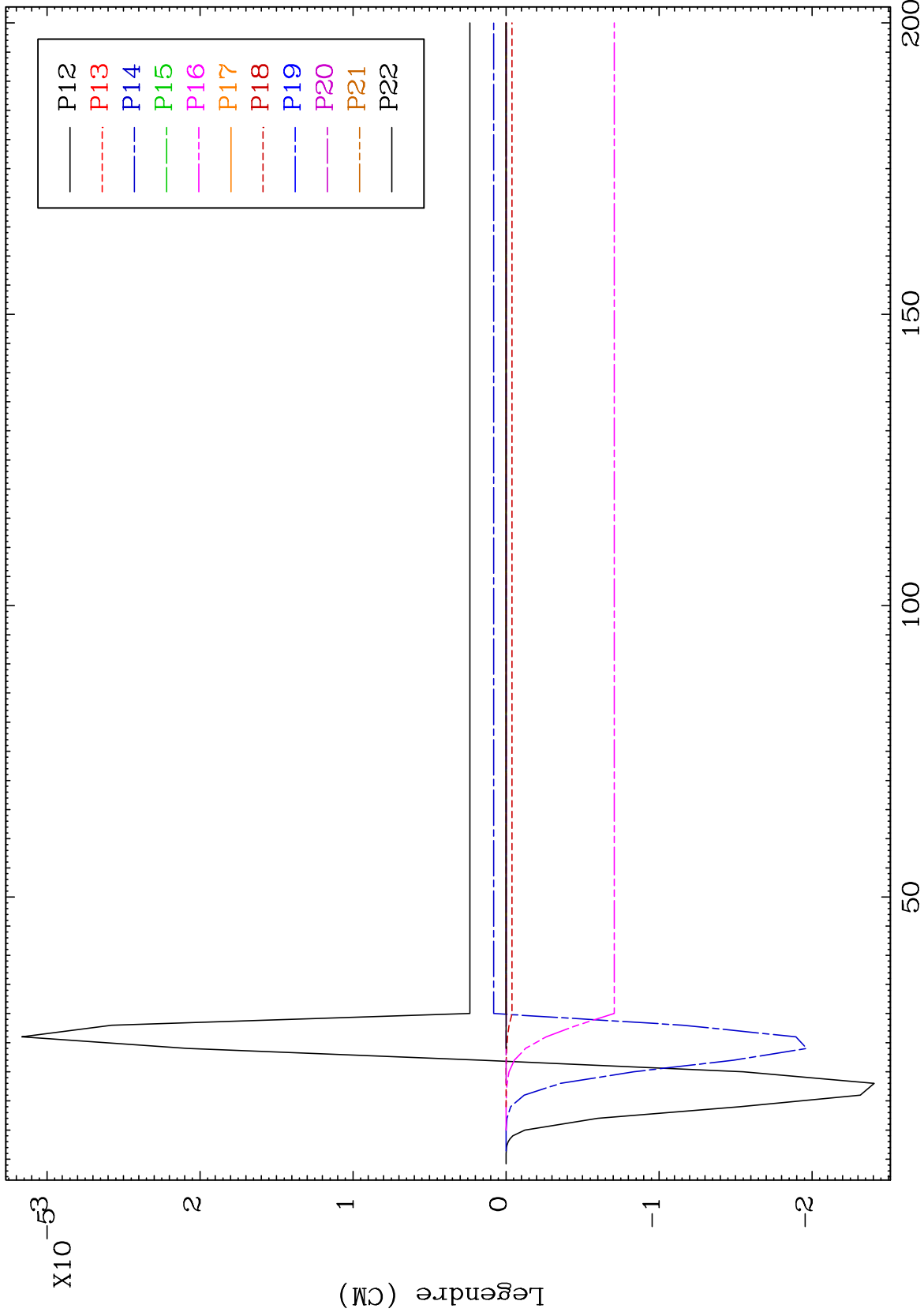
39-Y -95



MAT 3943

### 3.314 MeV (n,n') Level Legendre Coefficients

39-Y -95



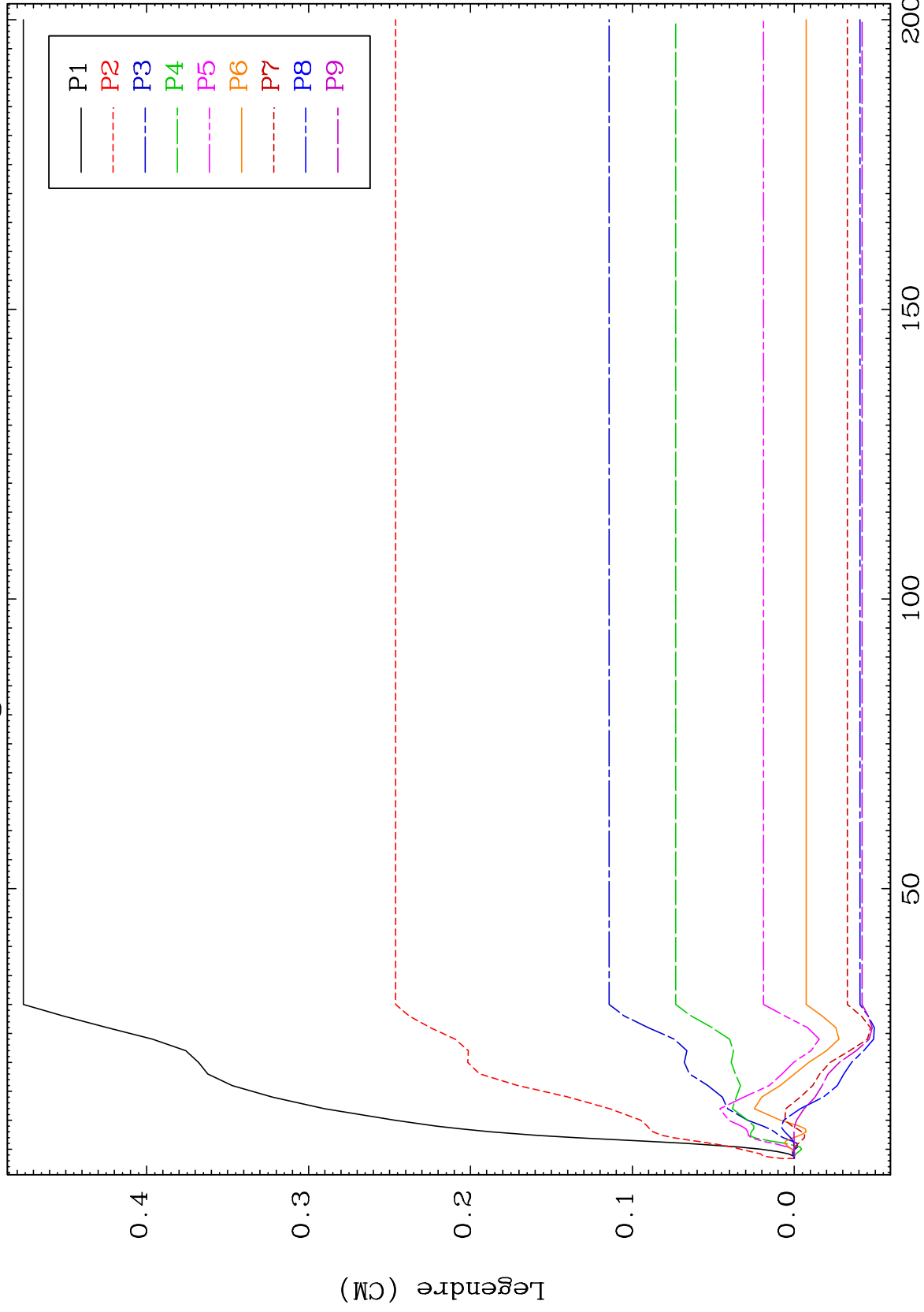
107

39-Y -95

MAT 3943

3.353 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



108

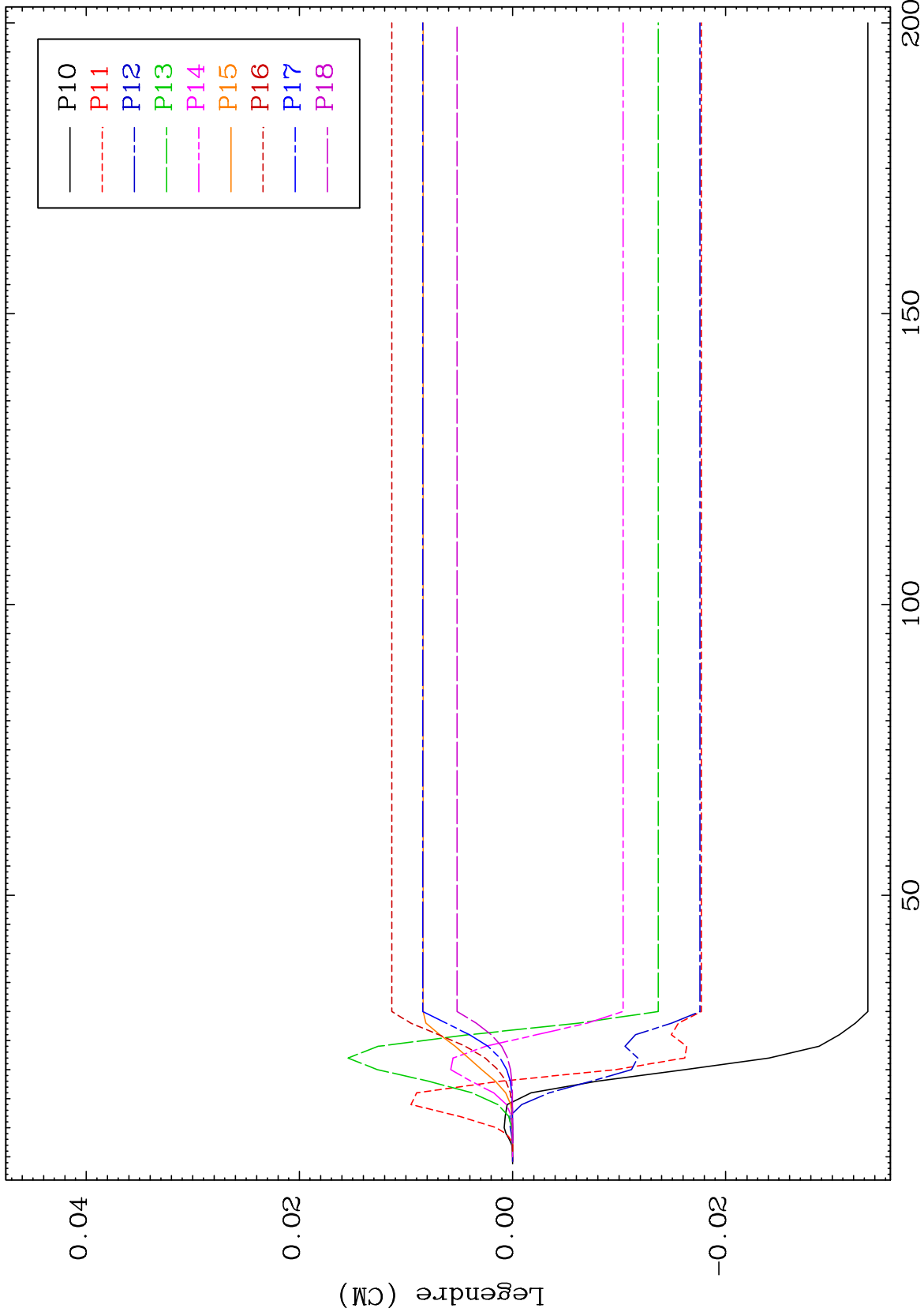
Incident Energy (MeV)

39-Y -95

MAT 3943

3.353 MeV (n,n') Level  
Legendre Coefficients

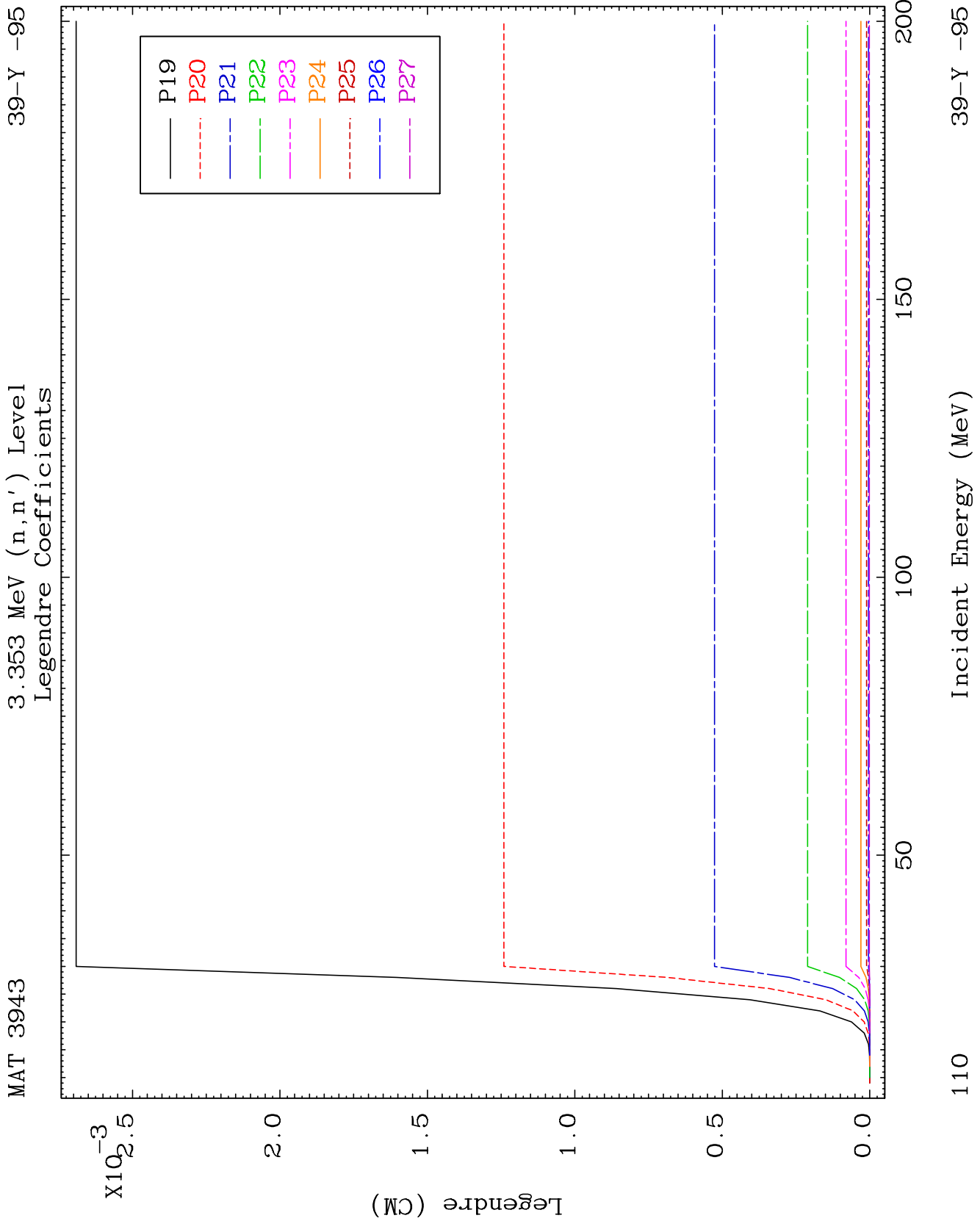
39-Y -95



109

Incident Energy (MeV)

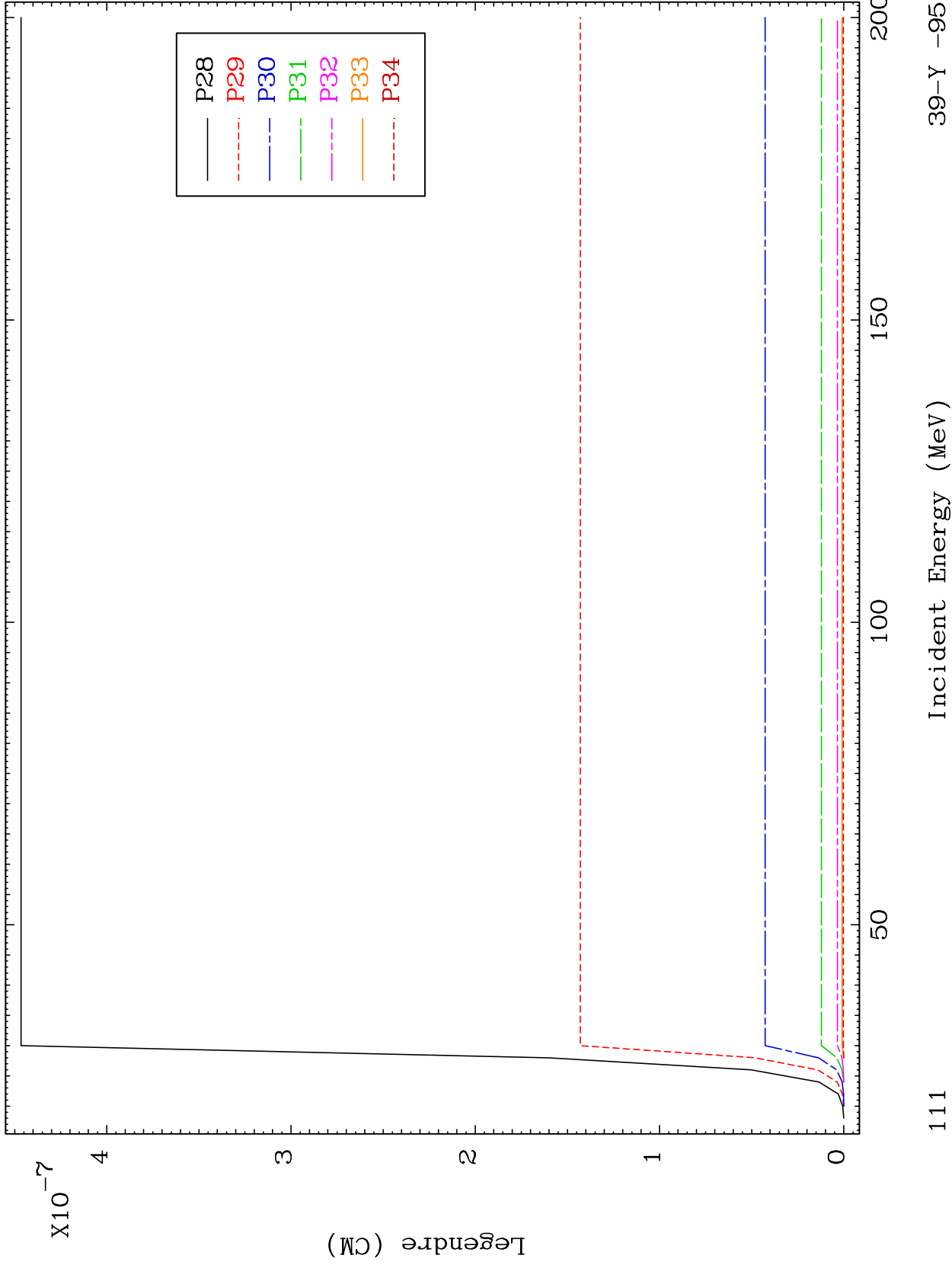
39-Y -95



MAT 3943

3.353 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



111

Incident Energy (MeV)

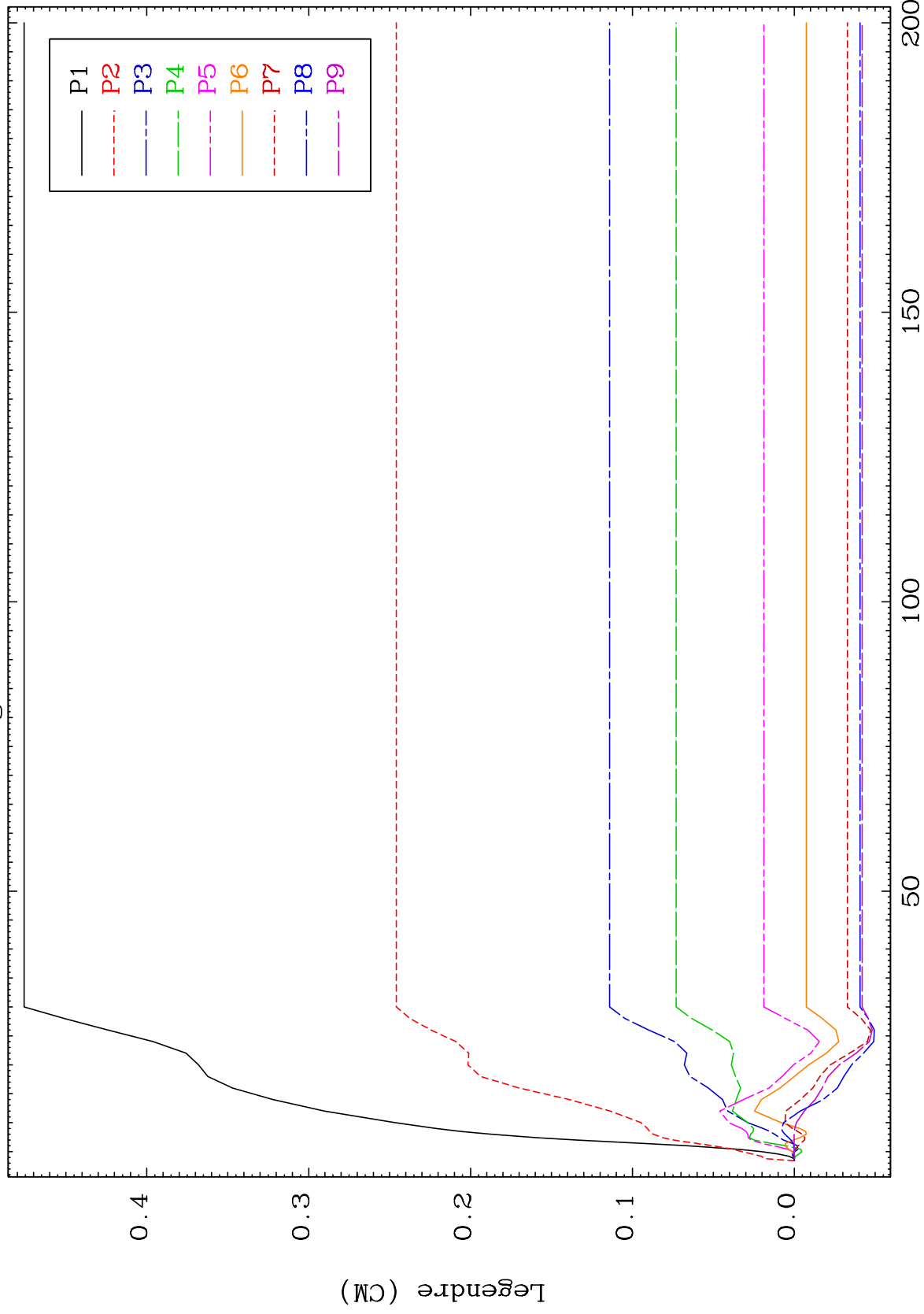
39-Y -95



MAT 3943

3.392 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



112

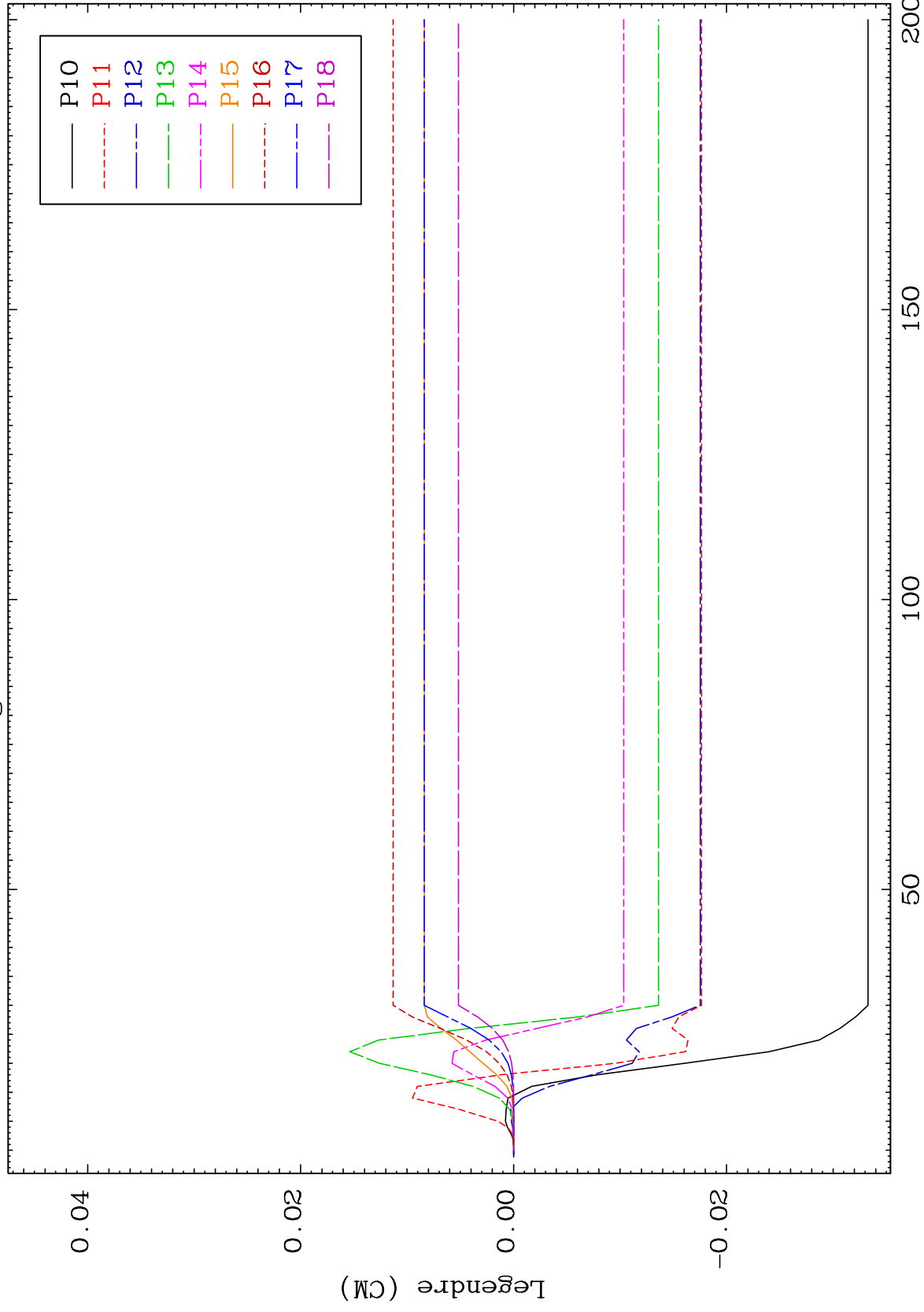
Incident Energy (MeV)

39-Y -95

MAT 3943

3.392 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



113

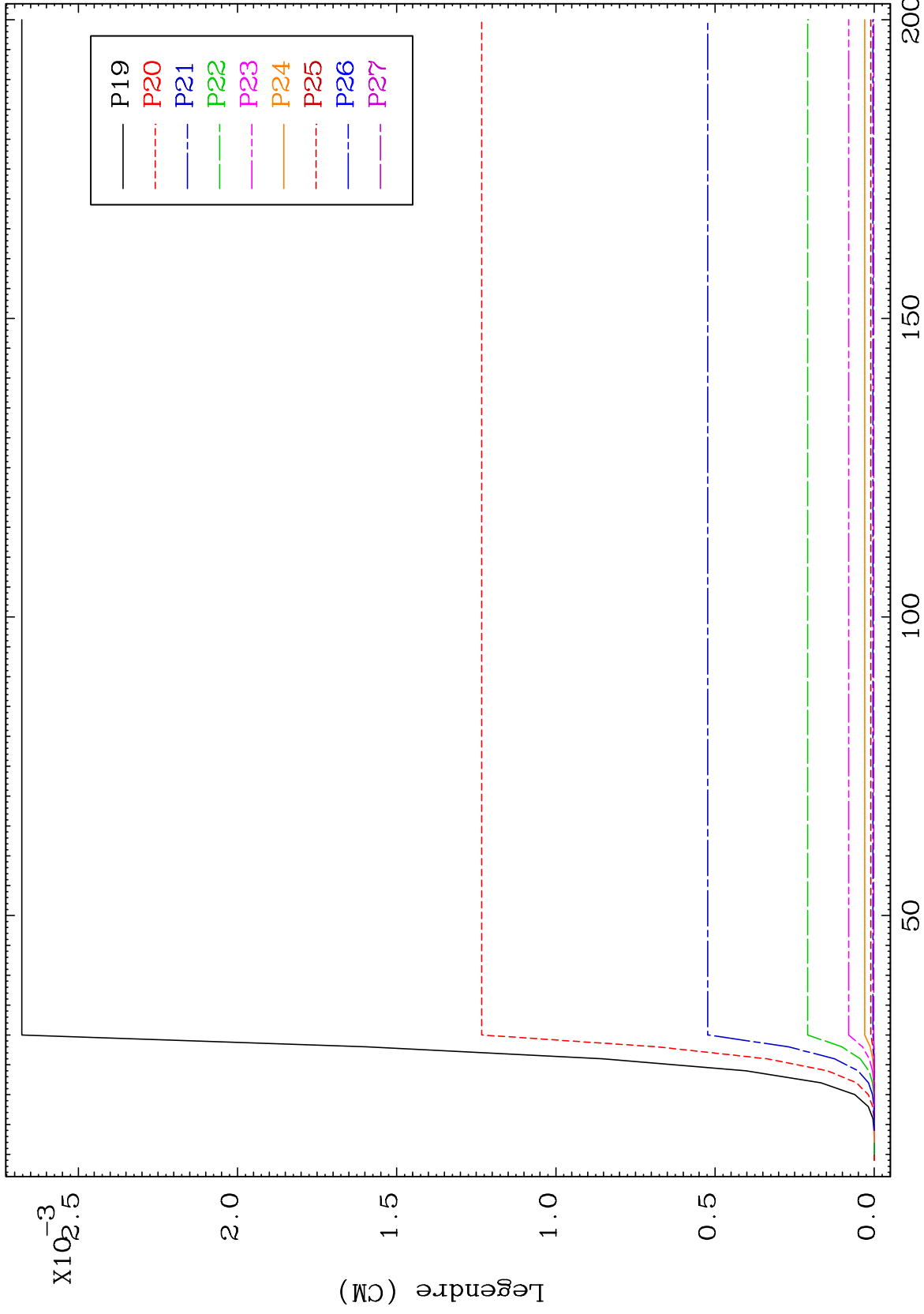
Incident Energy (MeV)

39-Y -95

MAT 3943

3.392 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



114

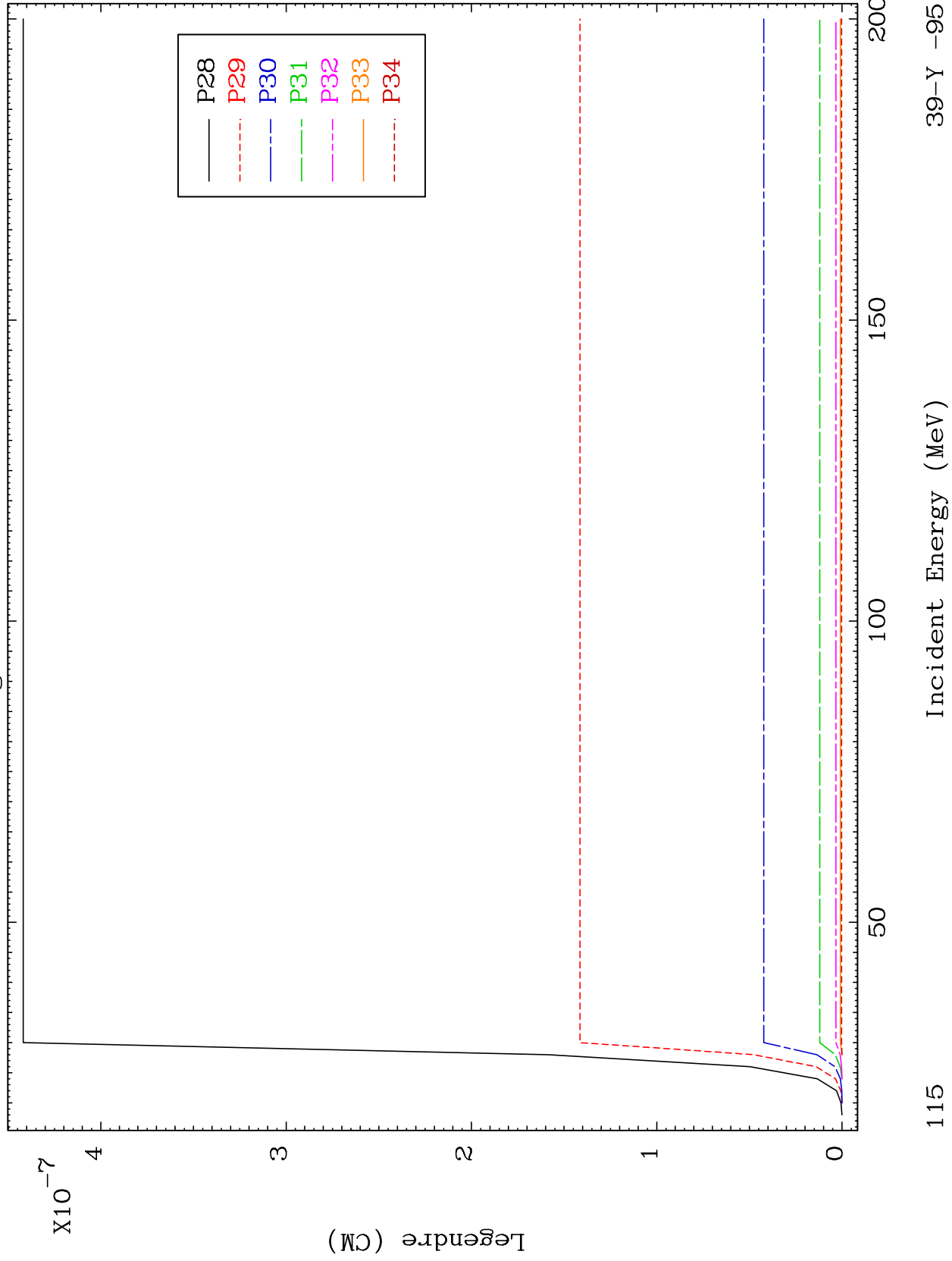
Incident Energy (MeV)

39-Y -95

MAT 3943

3.392 MeV (n,n') Level  
Legendre Coefficients

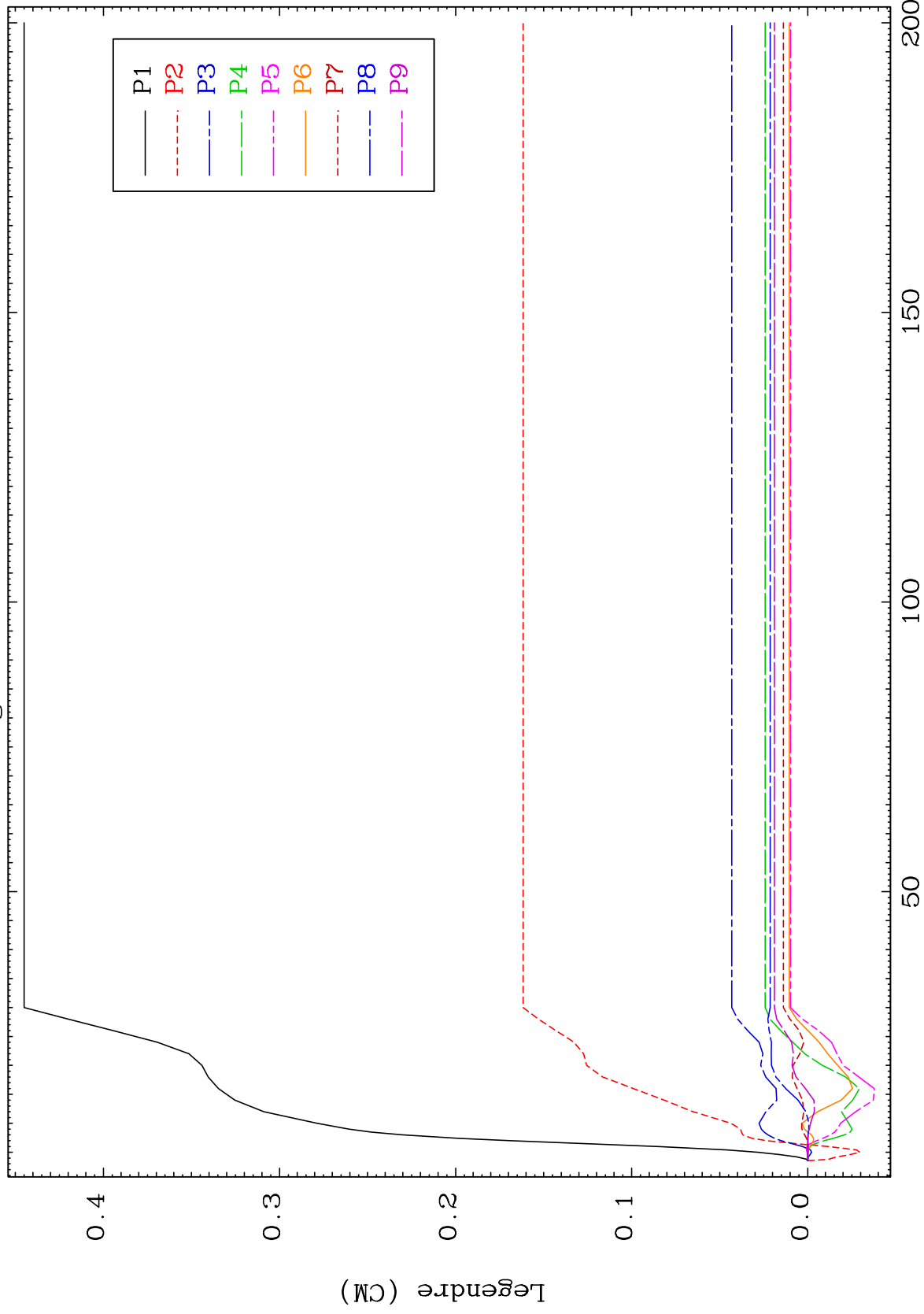
39-Y -95



MAT 3943

3.507 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



116

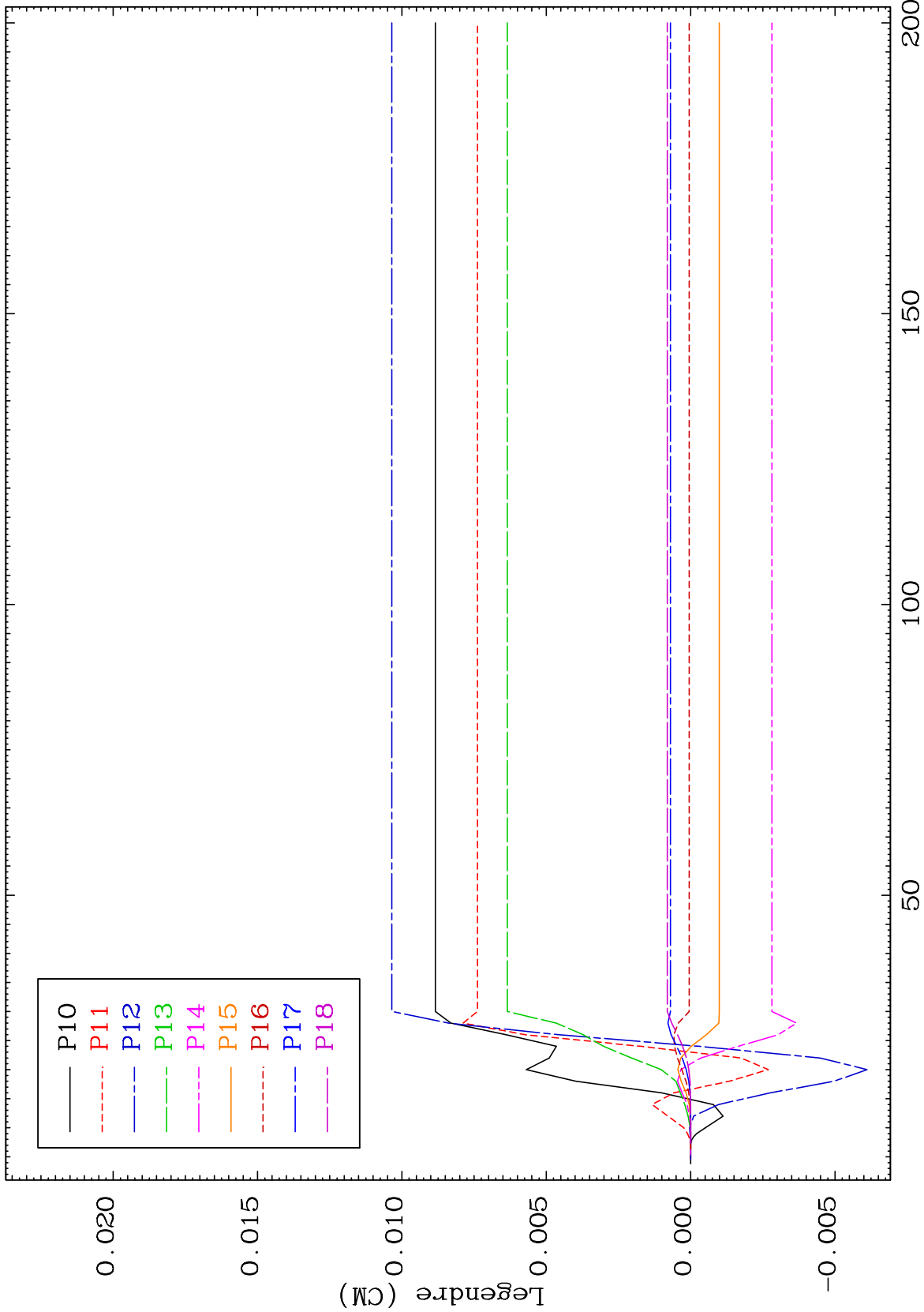
Incident Energy (MeV)

39-Y -95

MAT 3943

3.507 MeV (n,n') Level  
Legendre Coefficients

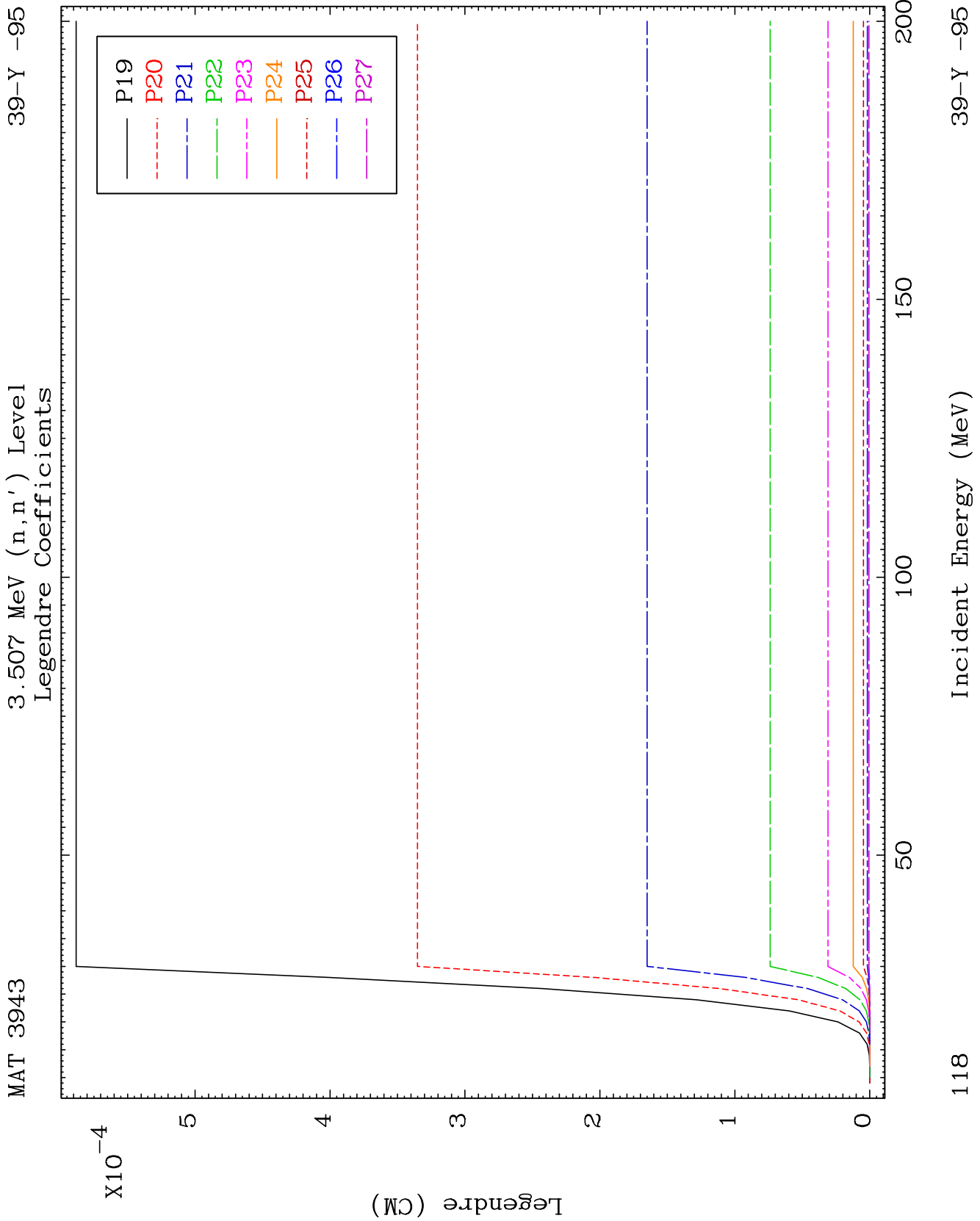
39-Y -95

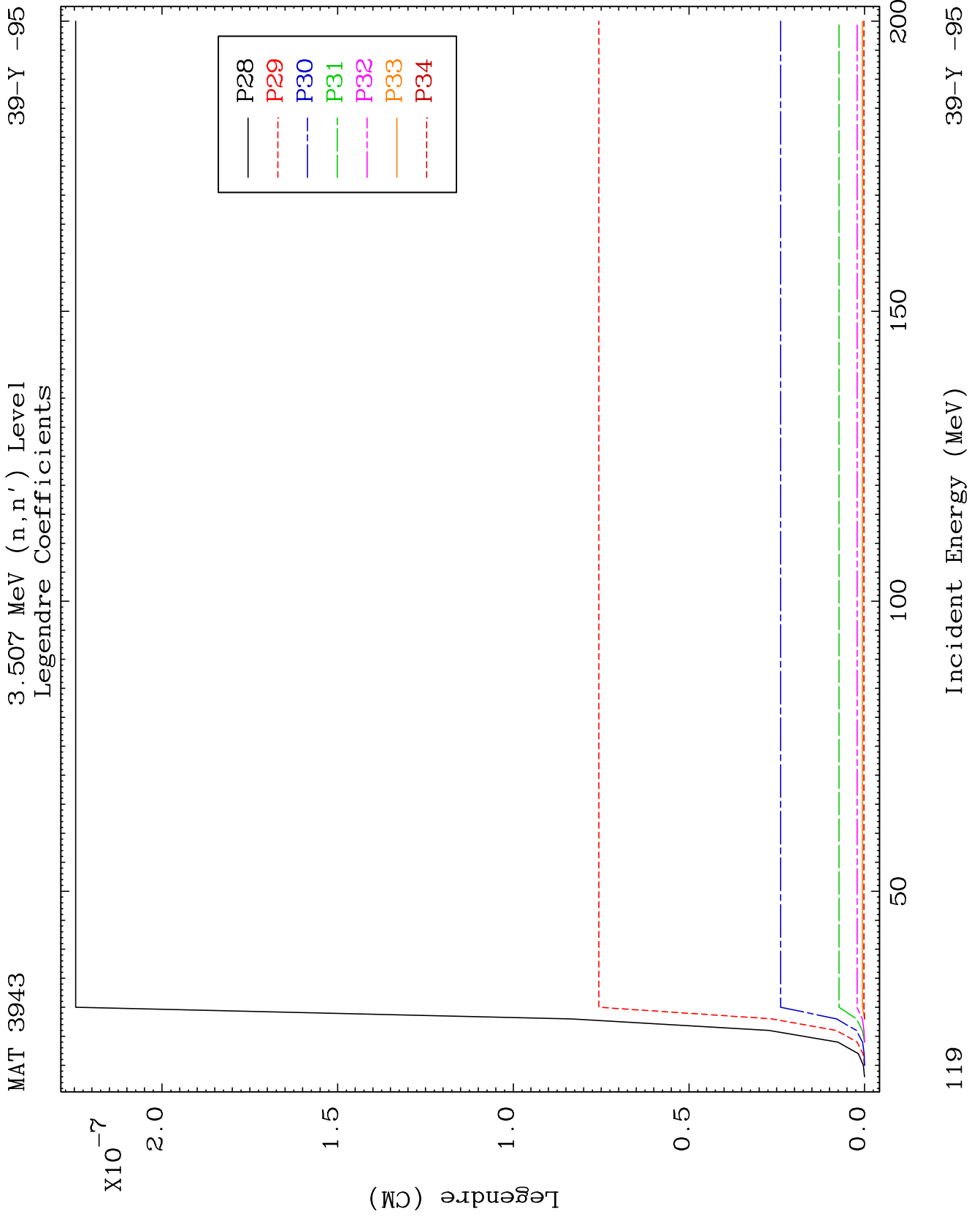


117

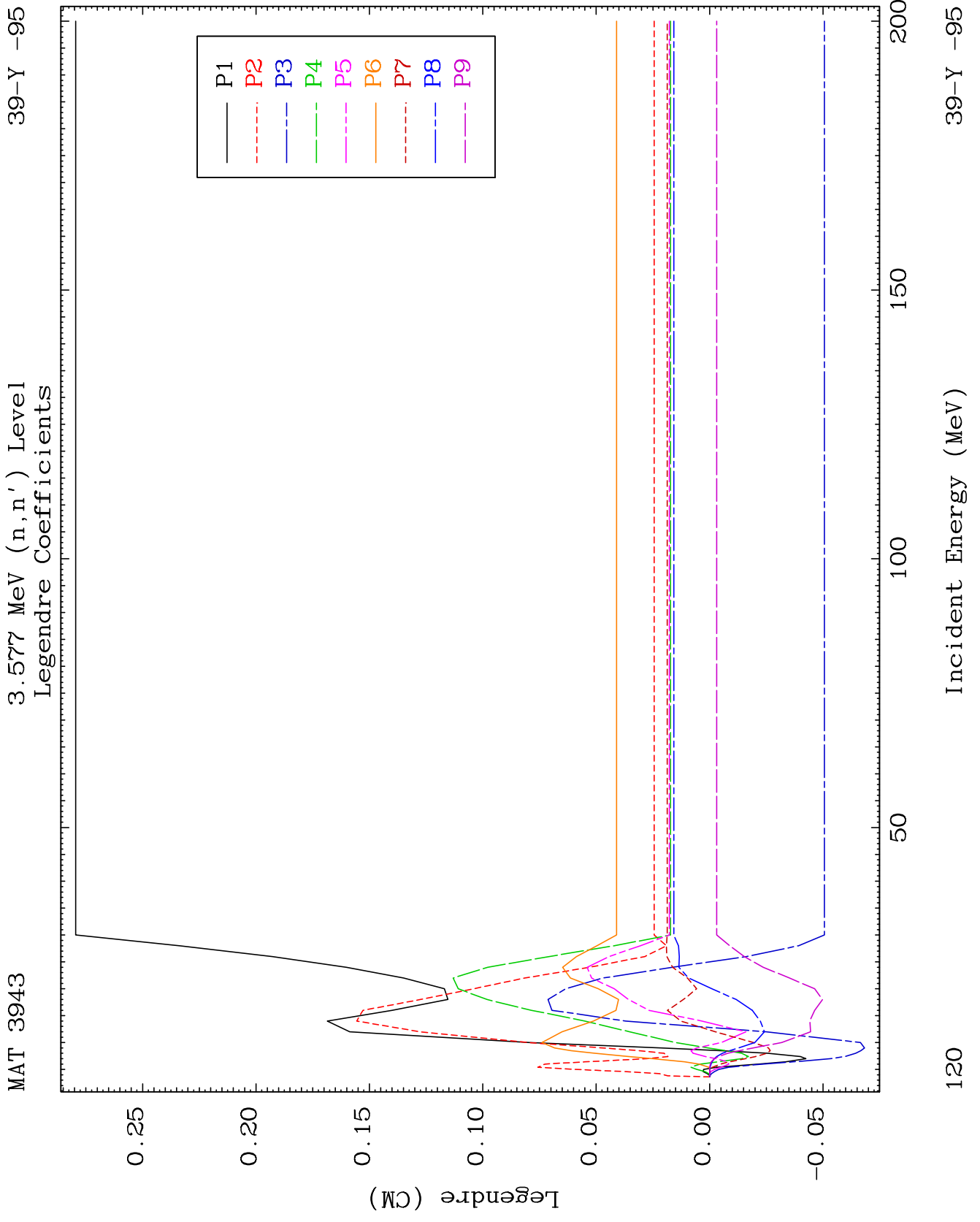
Incident Energy (MeV)

39-Y -95





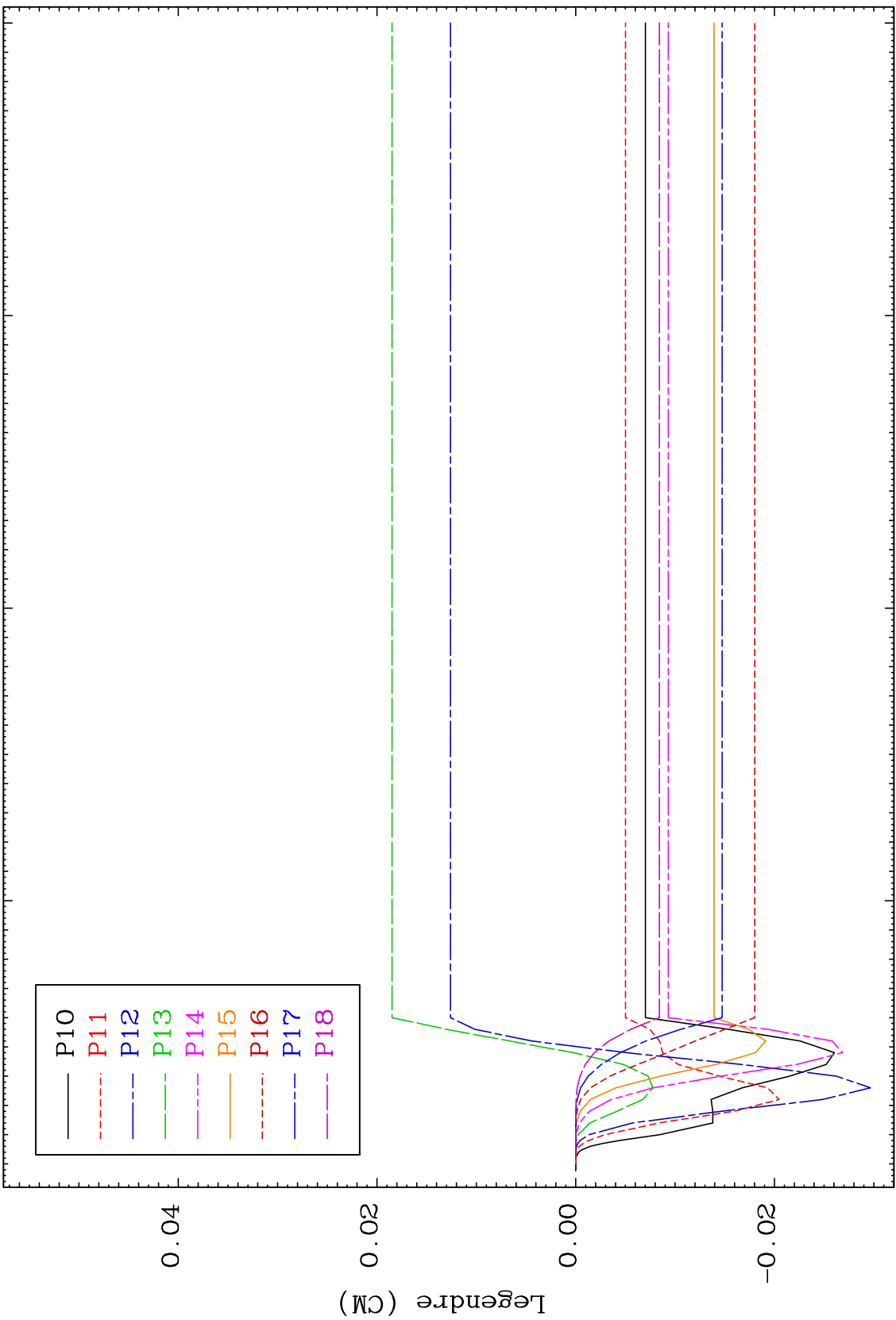




MAT 3943

3.577 MeV (n,n') Level  
Legendre Coefficients

39-Y -95



200

150

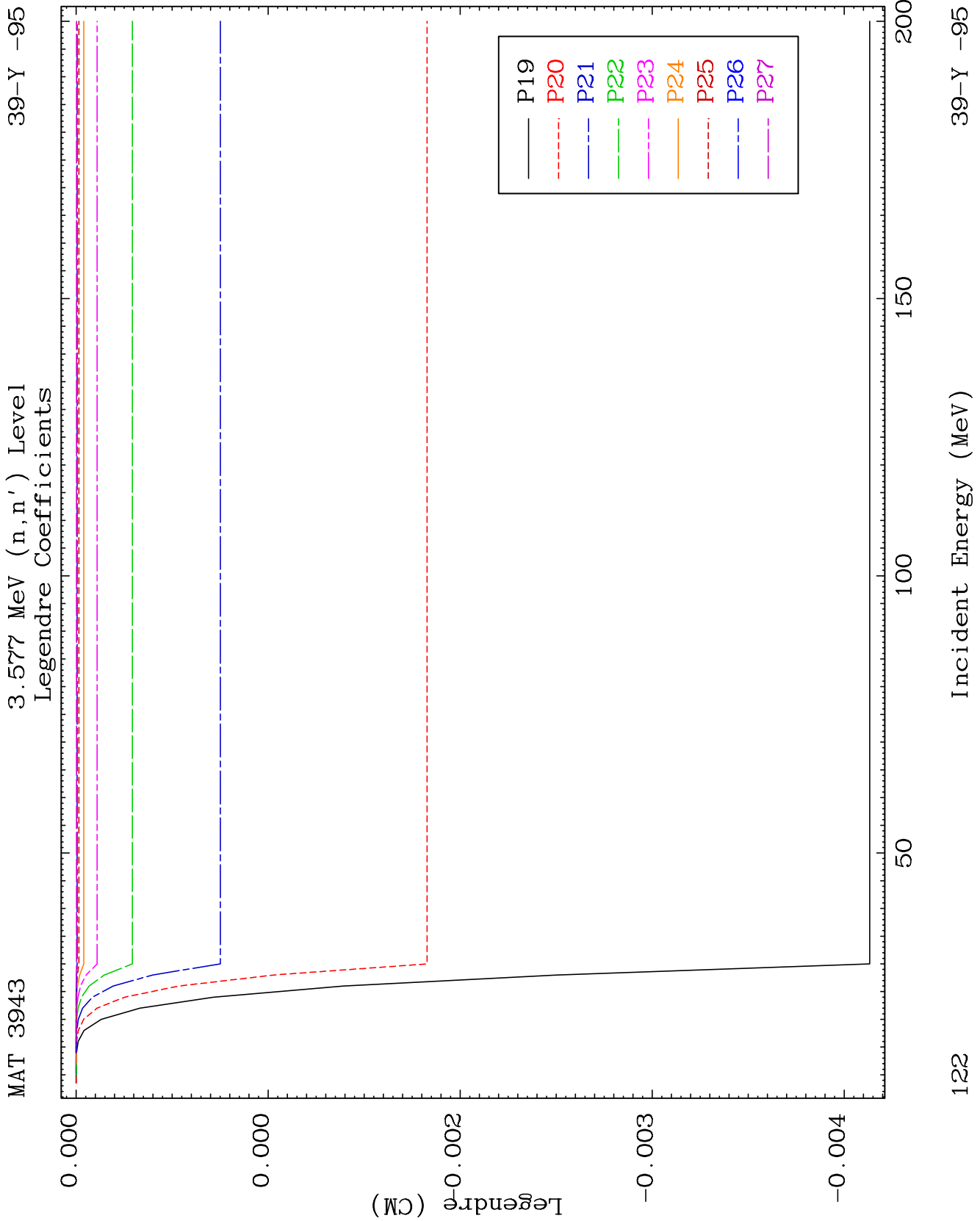
100

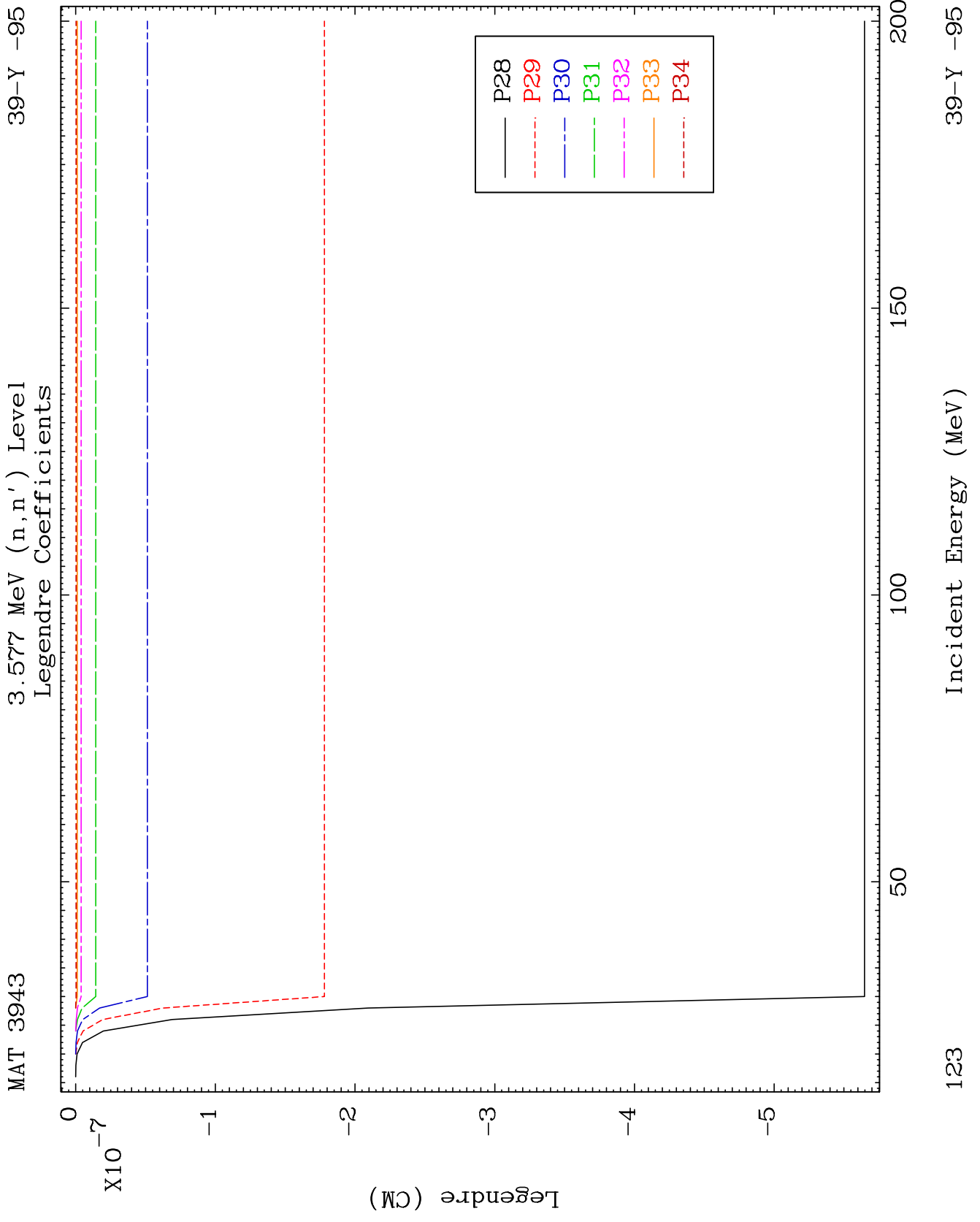
50

121

Incident Energy (MeV)

39-Y -95

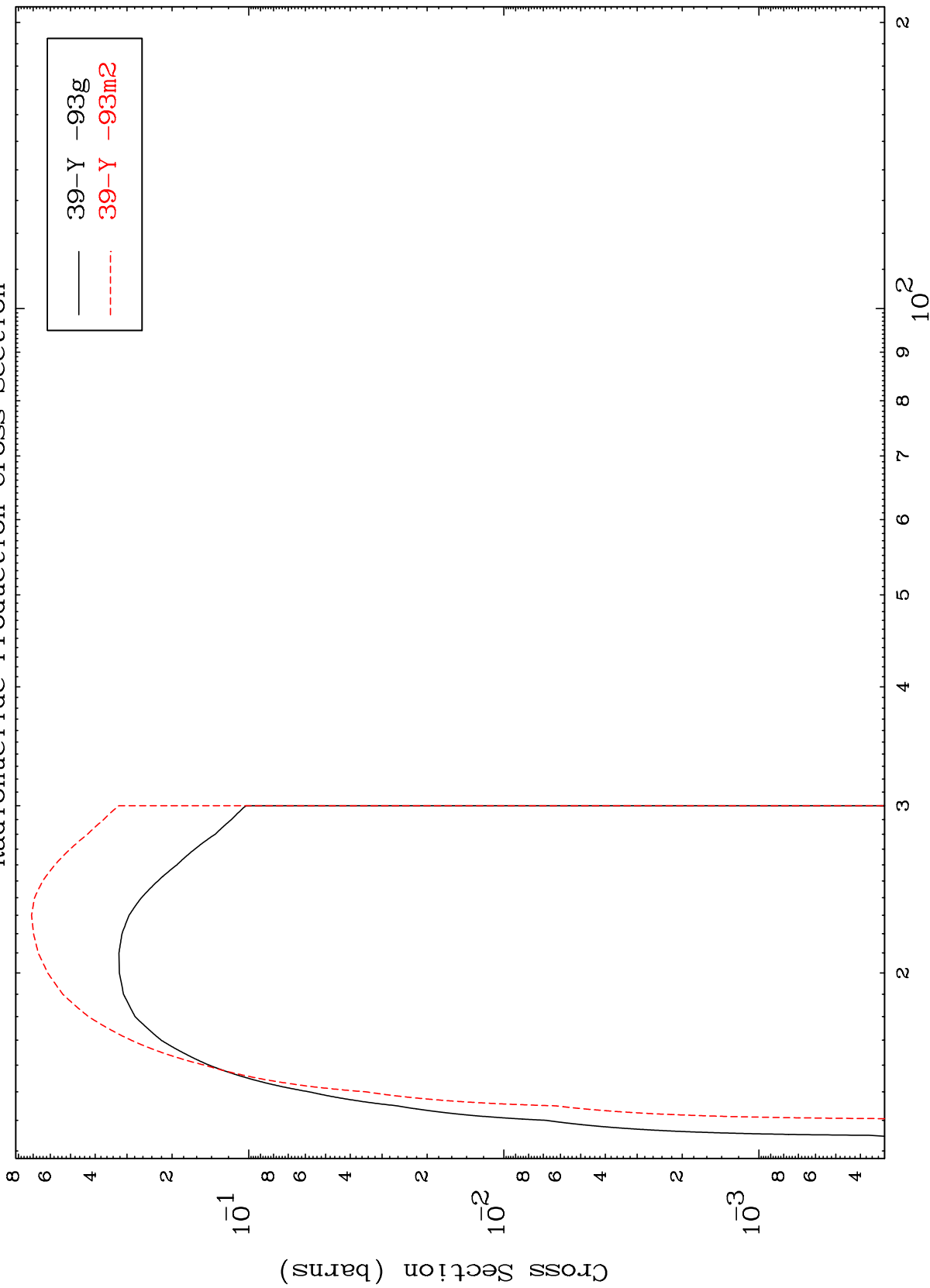




MAT 3943

39-Y -95

(n,3n)  
Radionuclide Production Cross Section



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

124

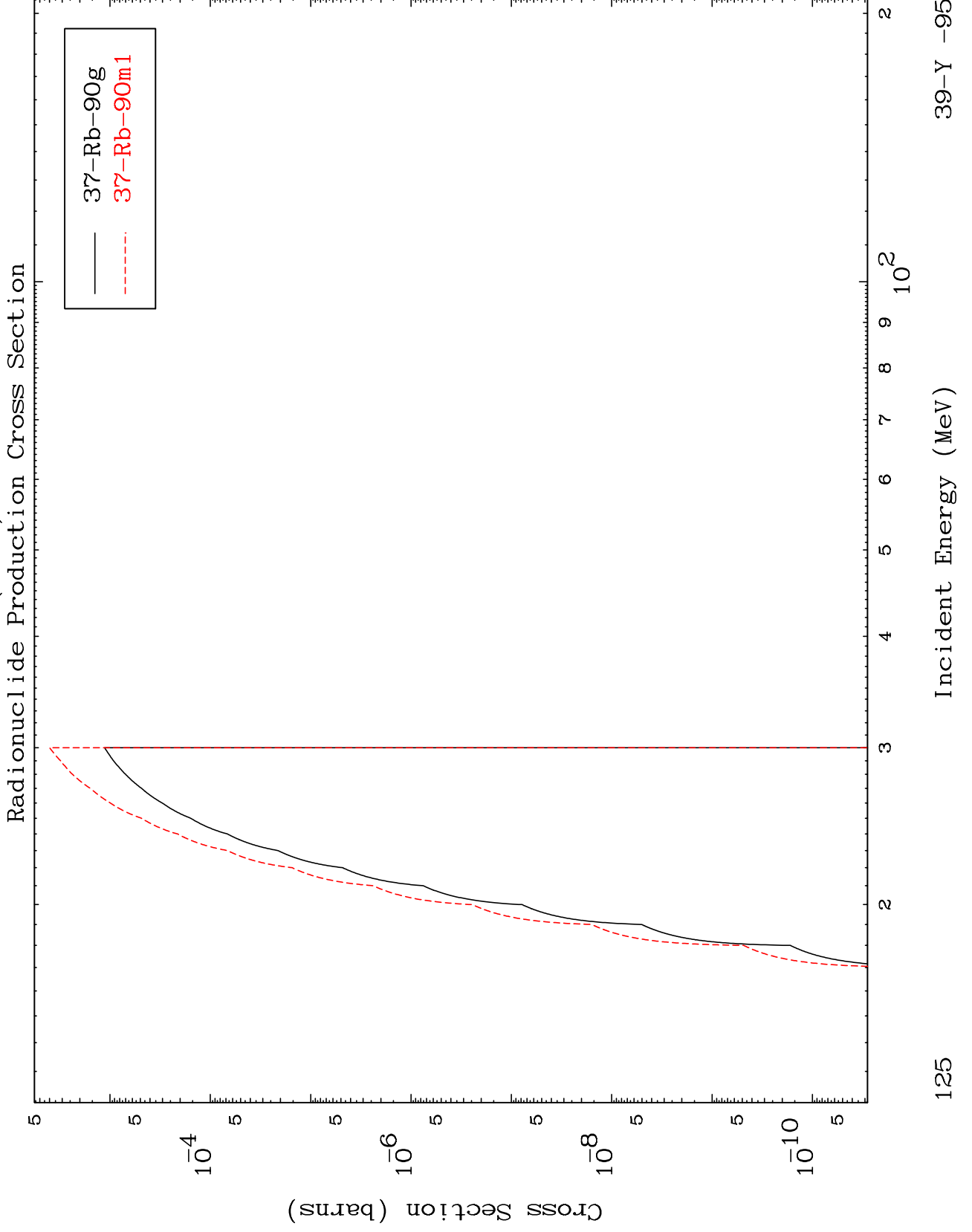
Incident Energy (MeV)

39-Y -95

MAT 3943

$(n,2n) \alpha$

39-Y -95



125

Incident Energy (MeV)

39-Y -95

MAT 3943

39-Y -95

Radionuclide Production Cross Section

