

Program EVALPLOT
(Version 2015-2)

by

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(Present Contact Information)

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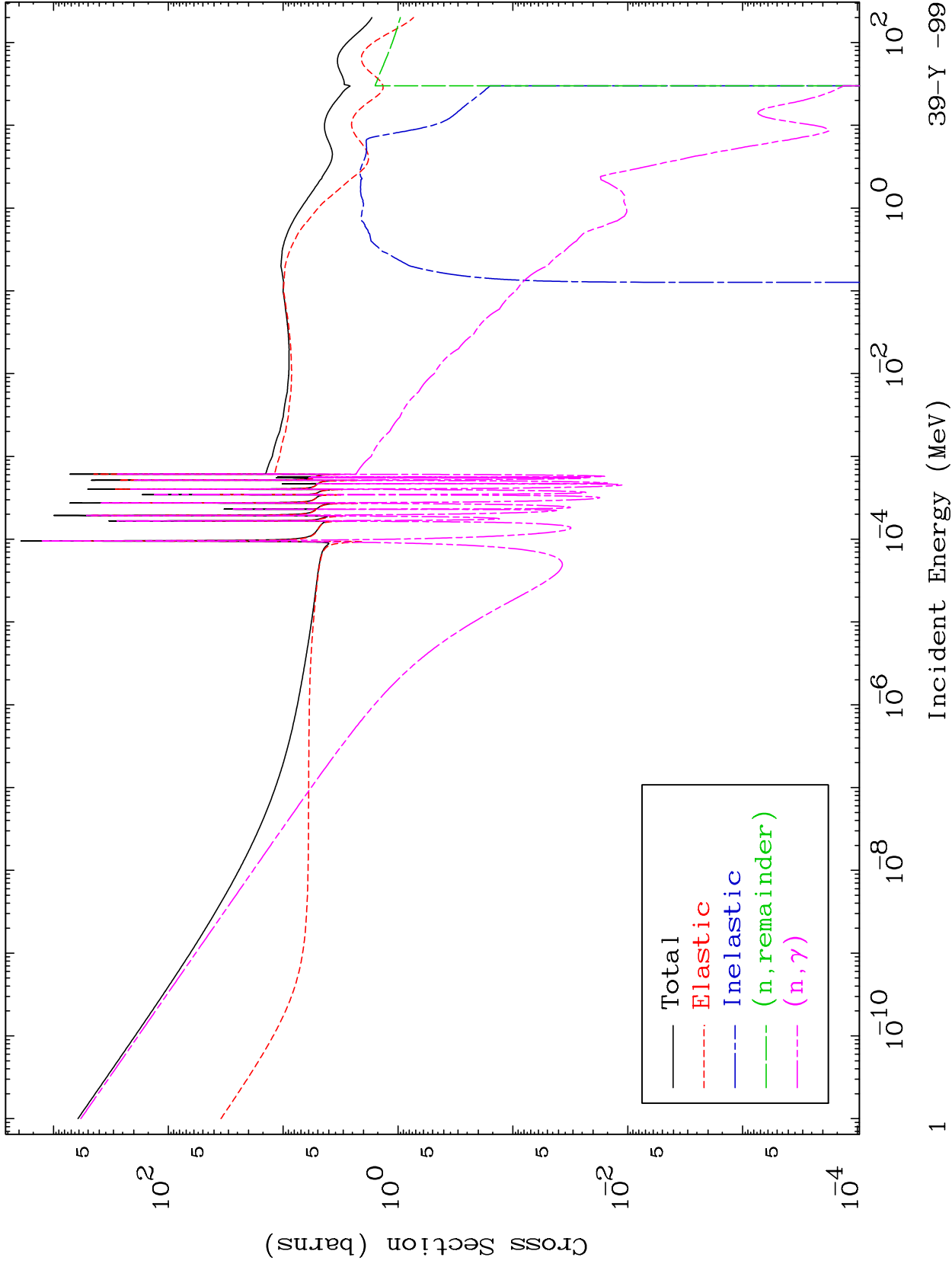
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3955

Major
293 Kelvin Cross Sections

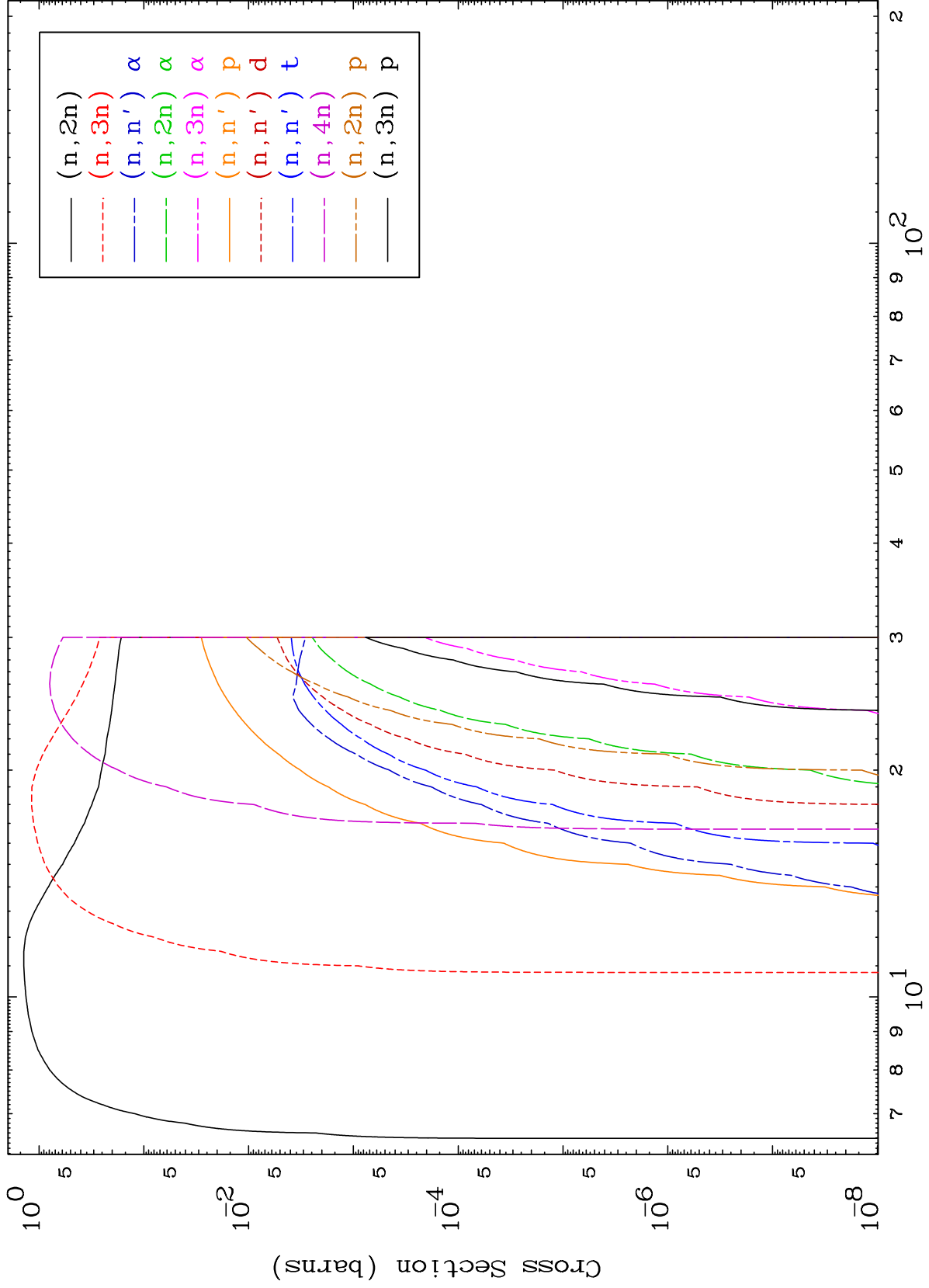
39-Y -99

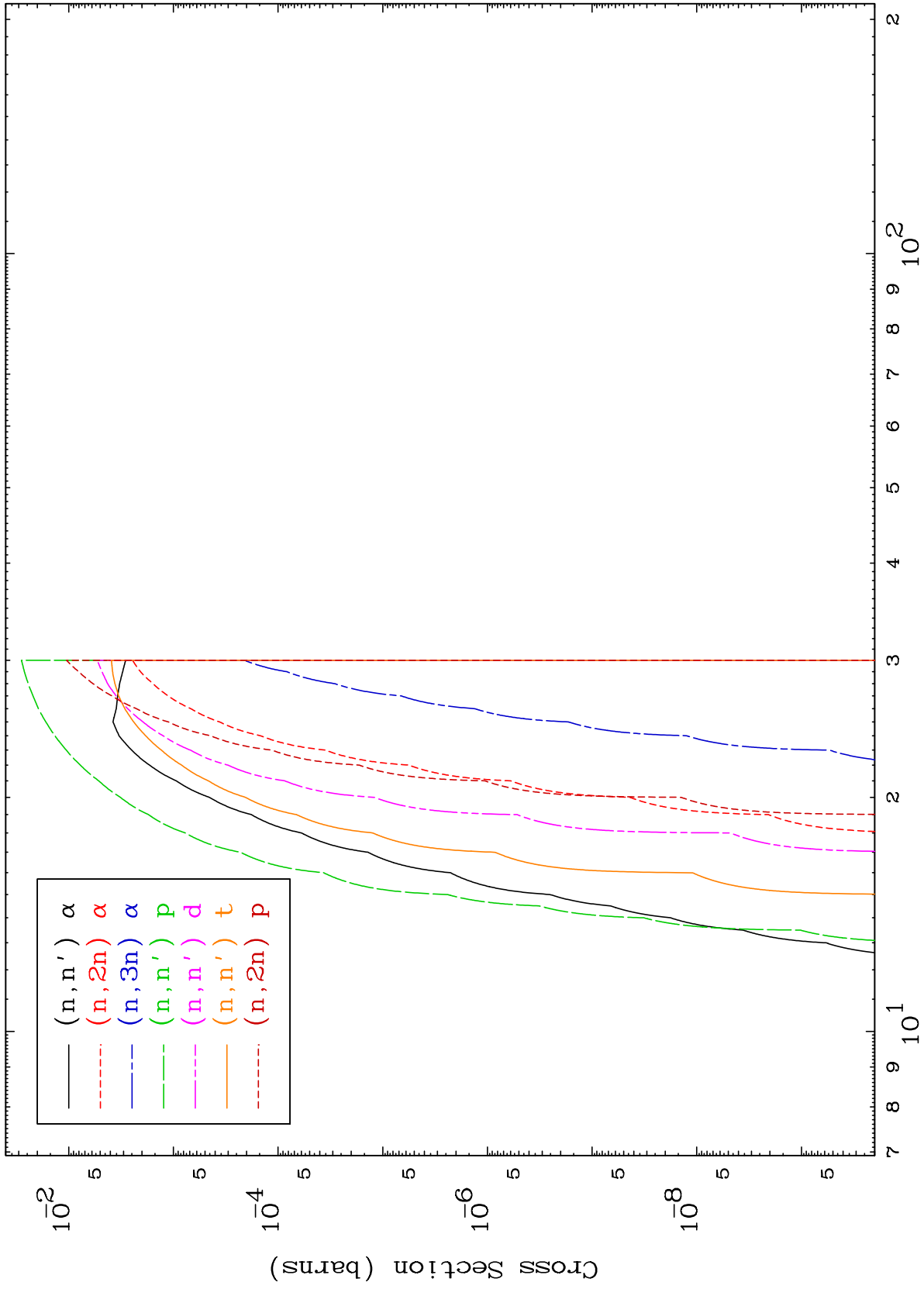


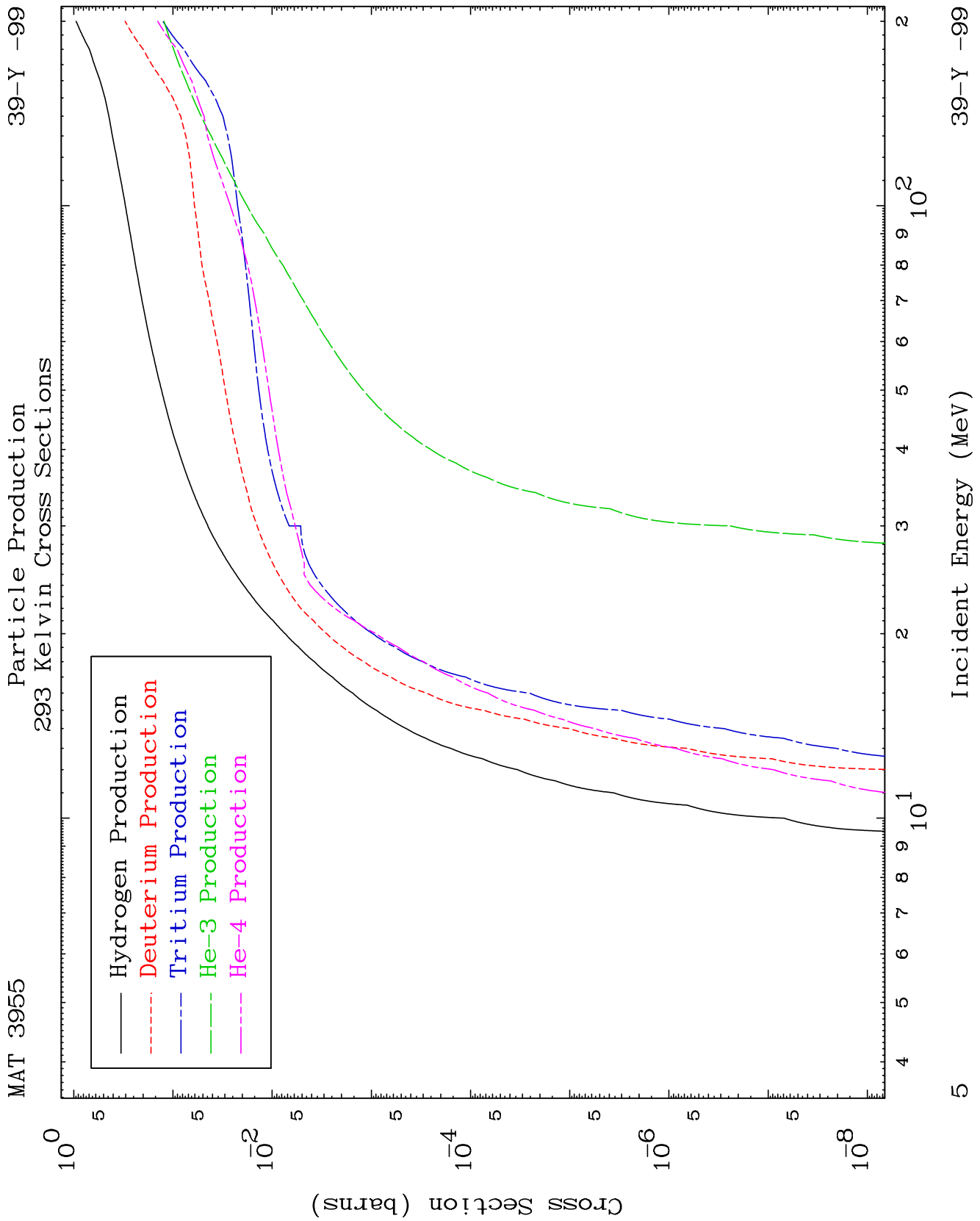
1

Incident Energy (MeV)

39-Y -99



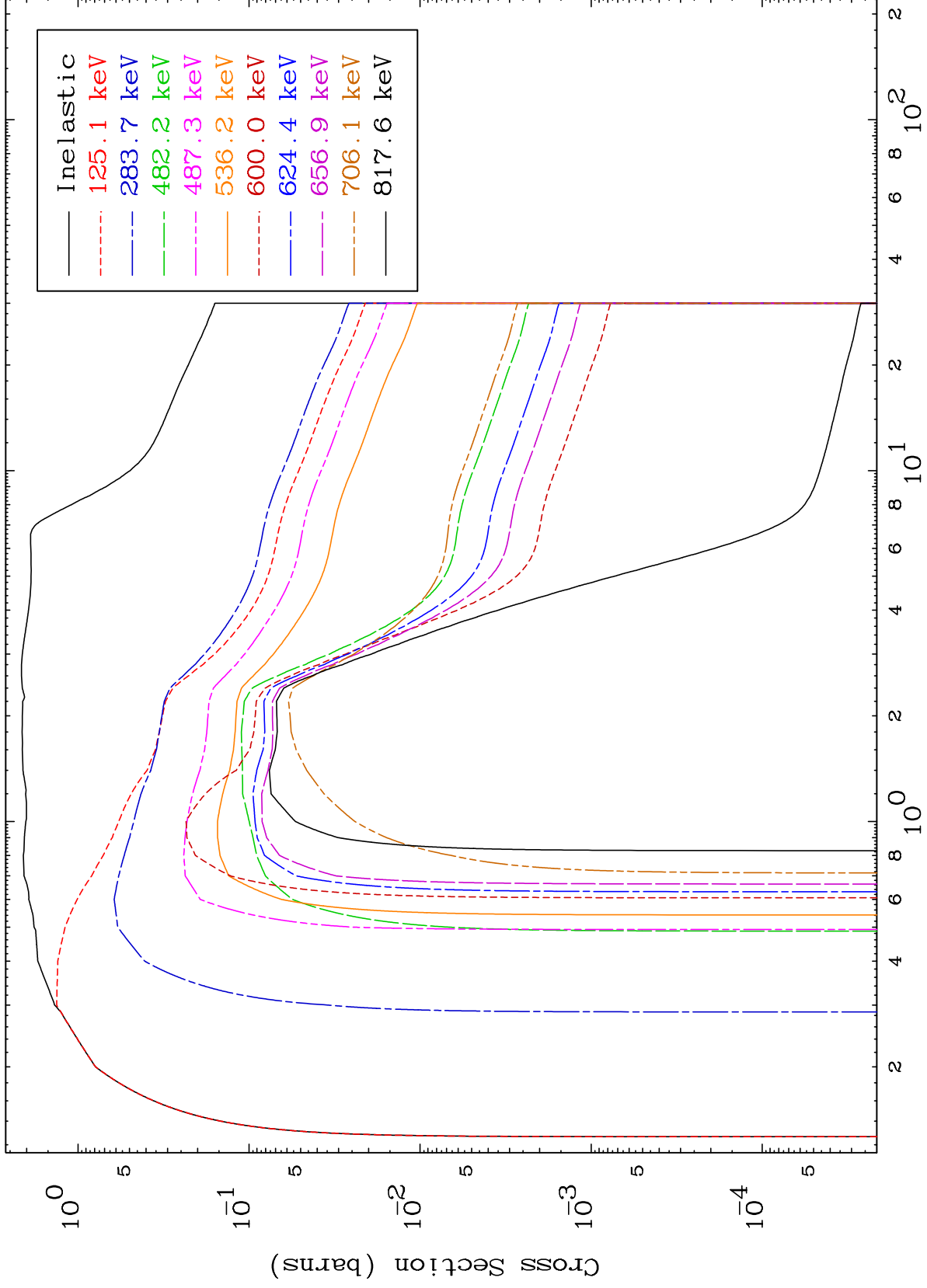




MAT 3955

(n,n') Level
293 Kelvin Cross Sections

39-Y -99



6

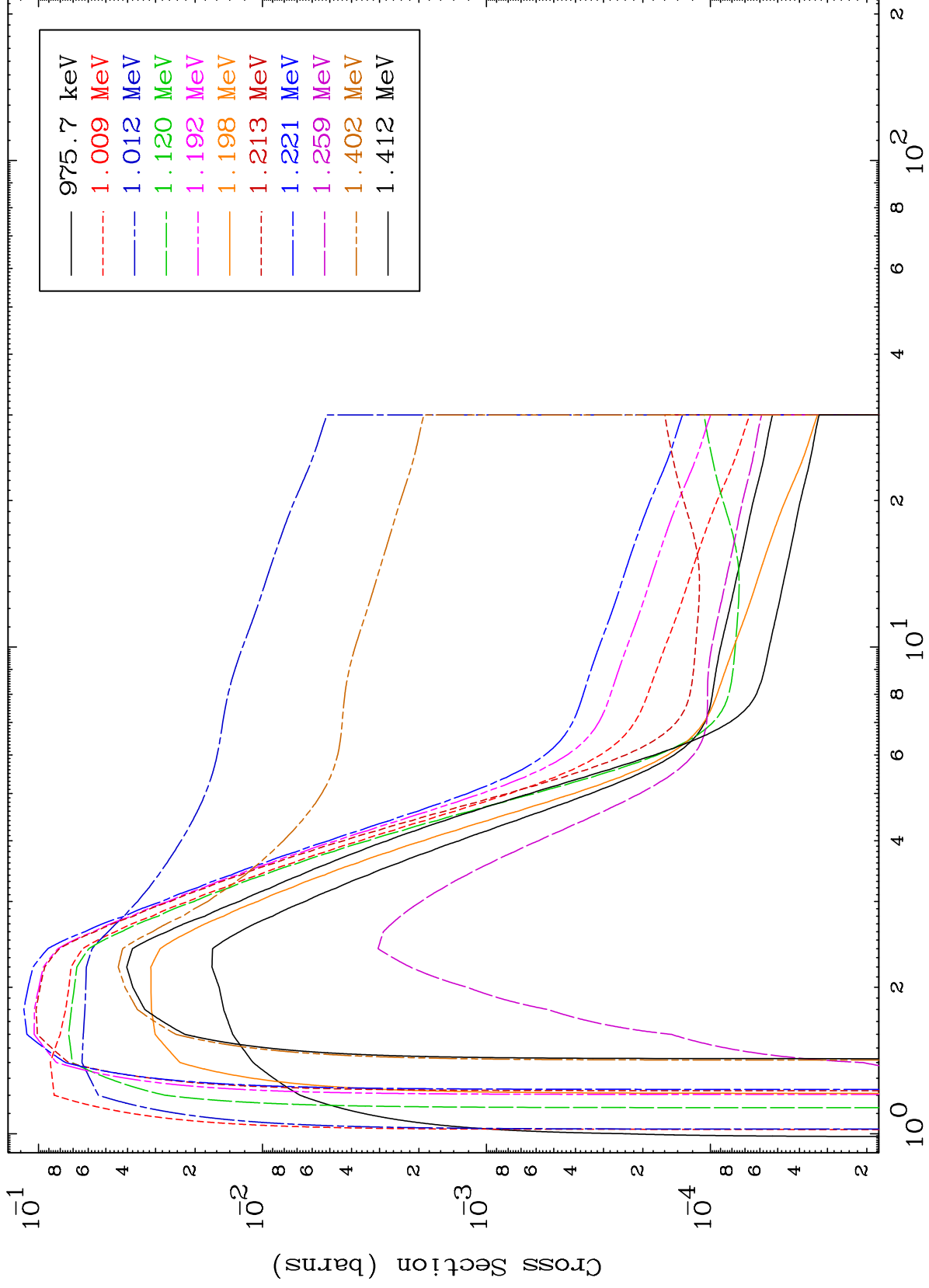
Incident Energy (MeV)

39-Y -99

MAT 3955

(n,n') Level
293 Kelvin Cross Sections

39-Y -99



Incident Energy (MeV)

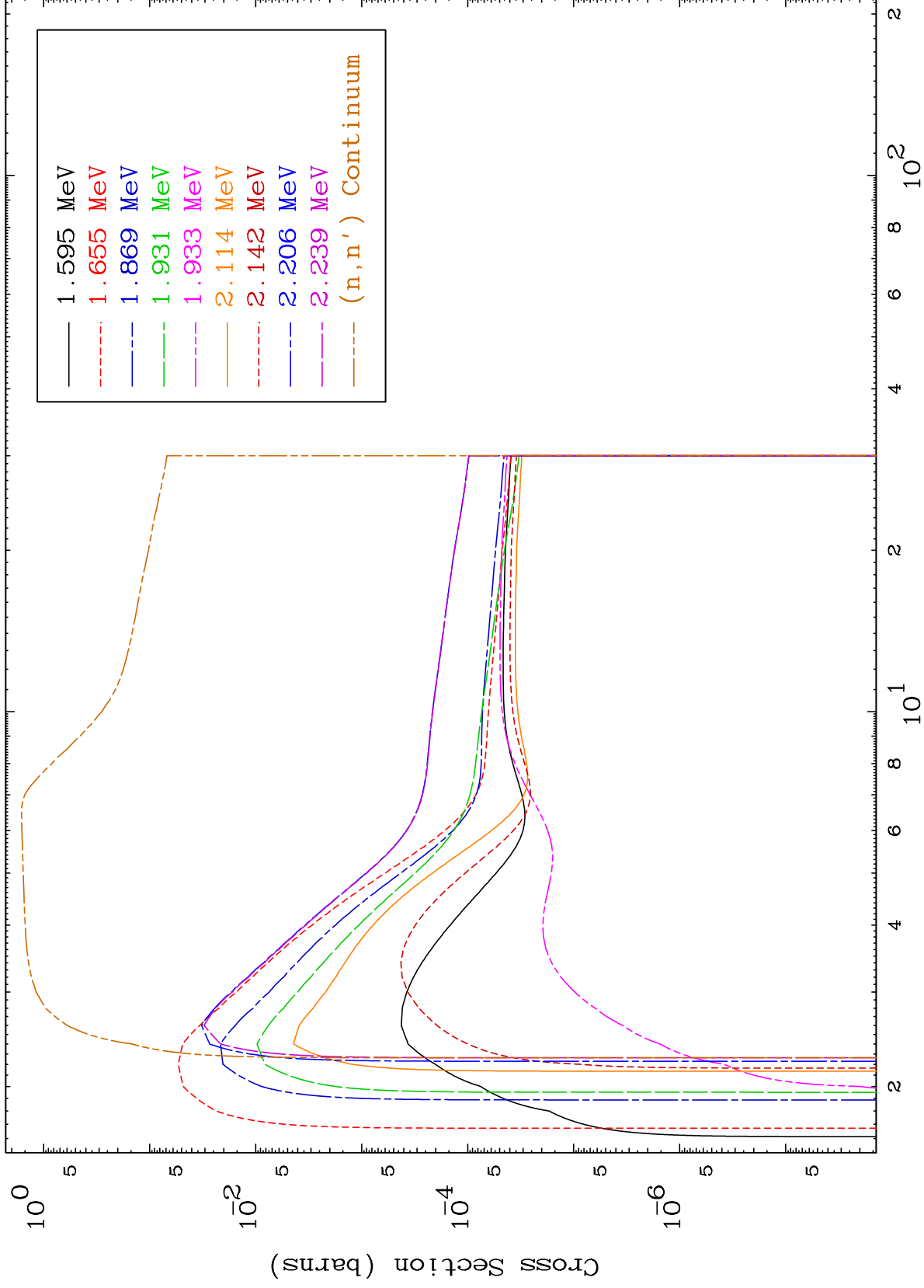
39-Y -99

MAT 3955

(n,n') Level

293 Kelvin Cross Sections

39-Y -99



8

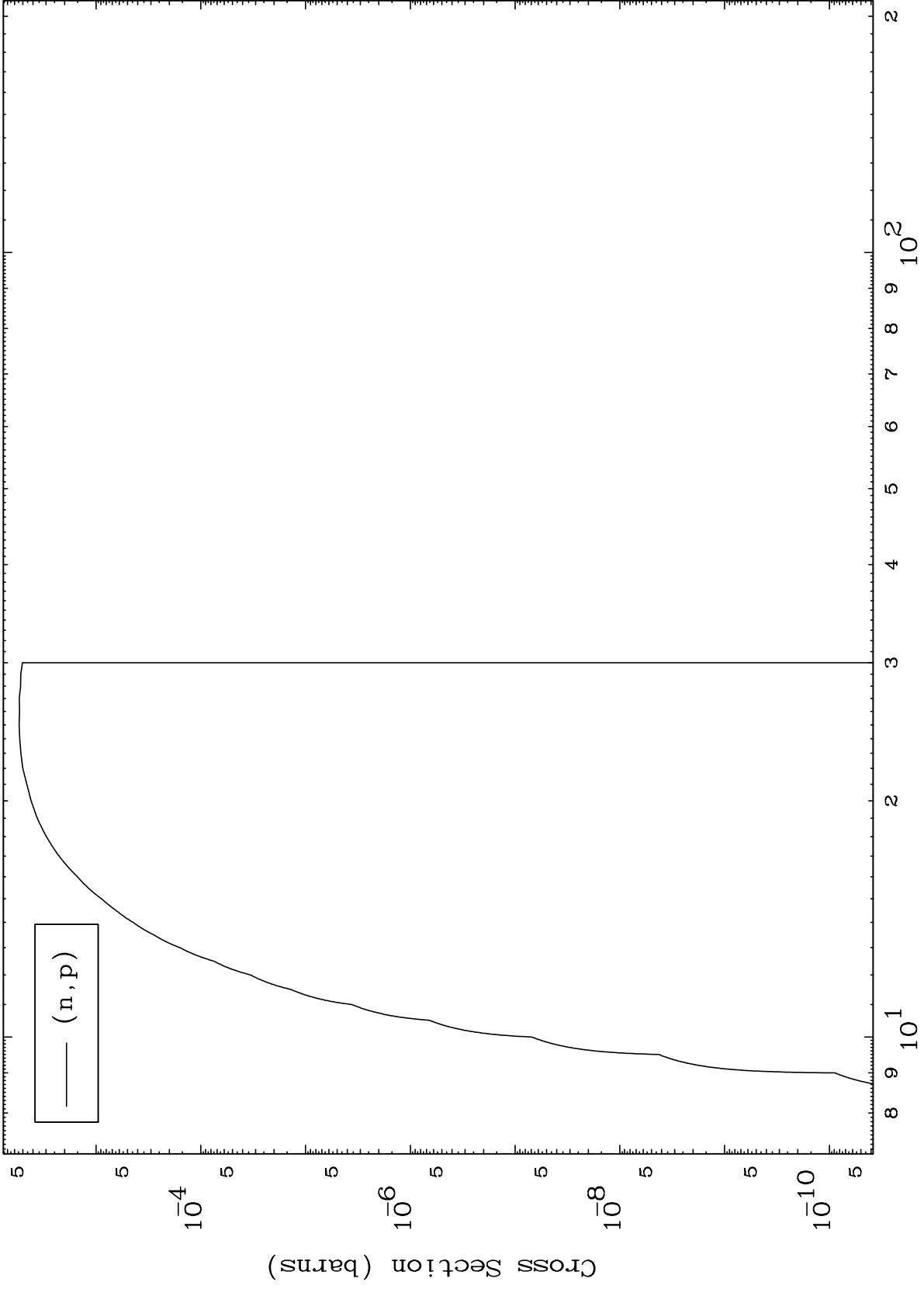
Incident Energy (MeV)

39-Y -99

MAT 3955

(n,p) Levels
293 Kelvin Cross Sections

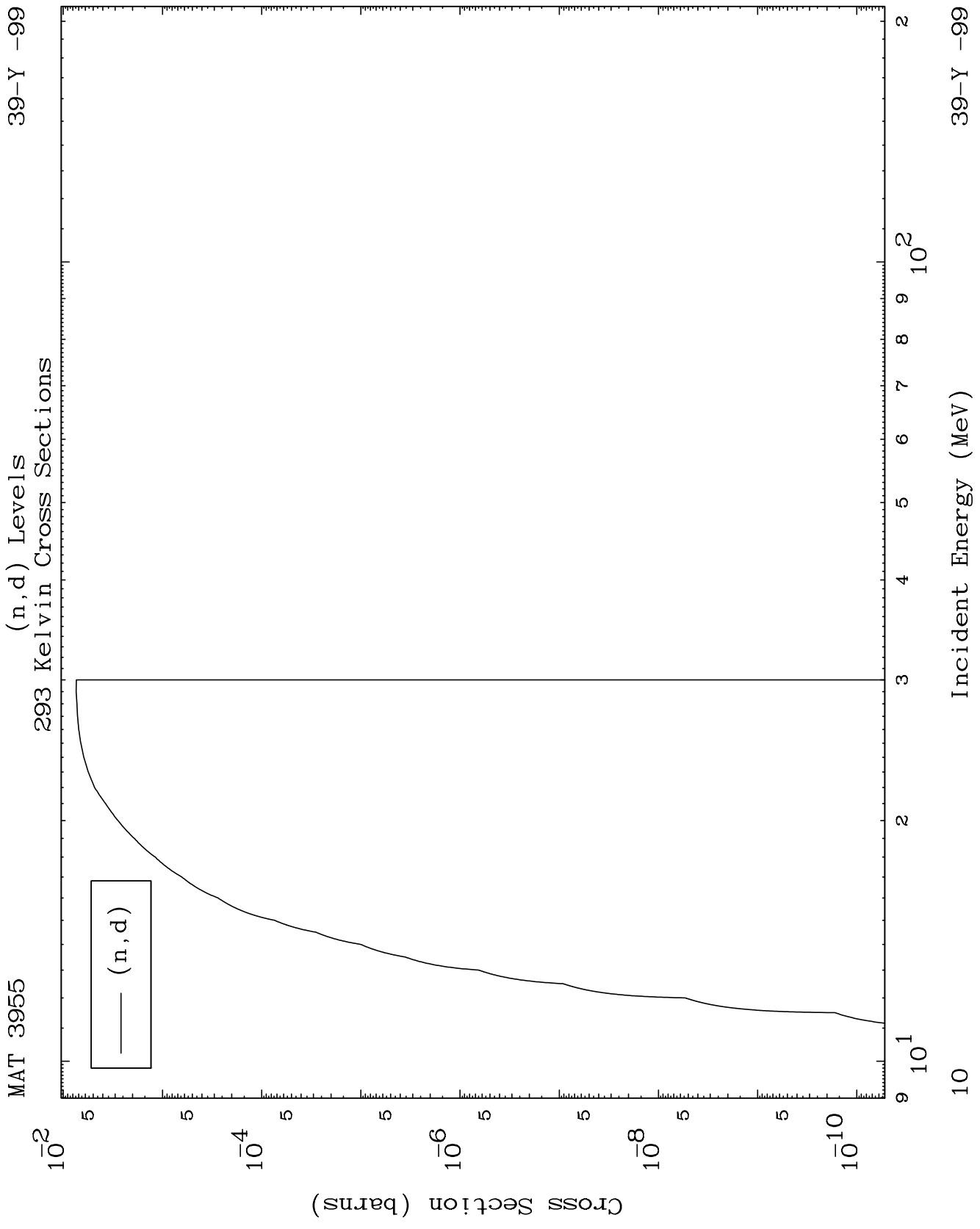
39-Y -99



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Incident Energy (MeV)

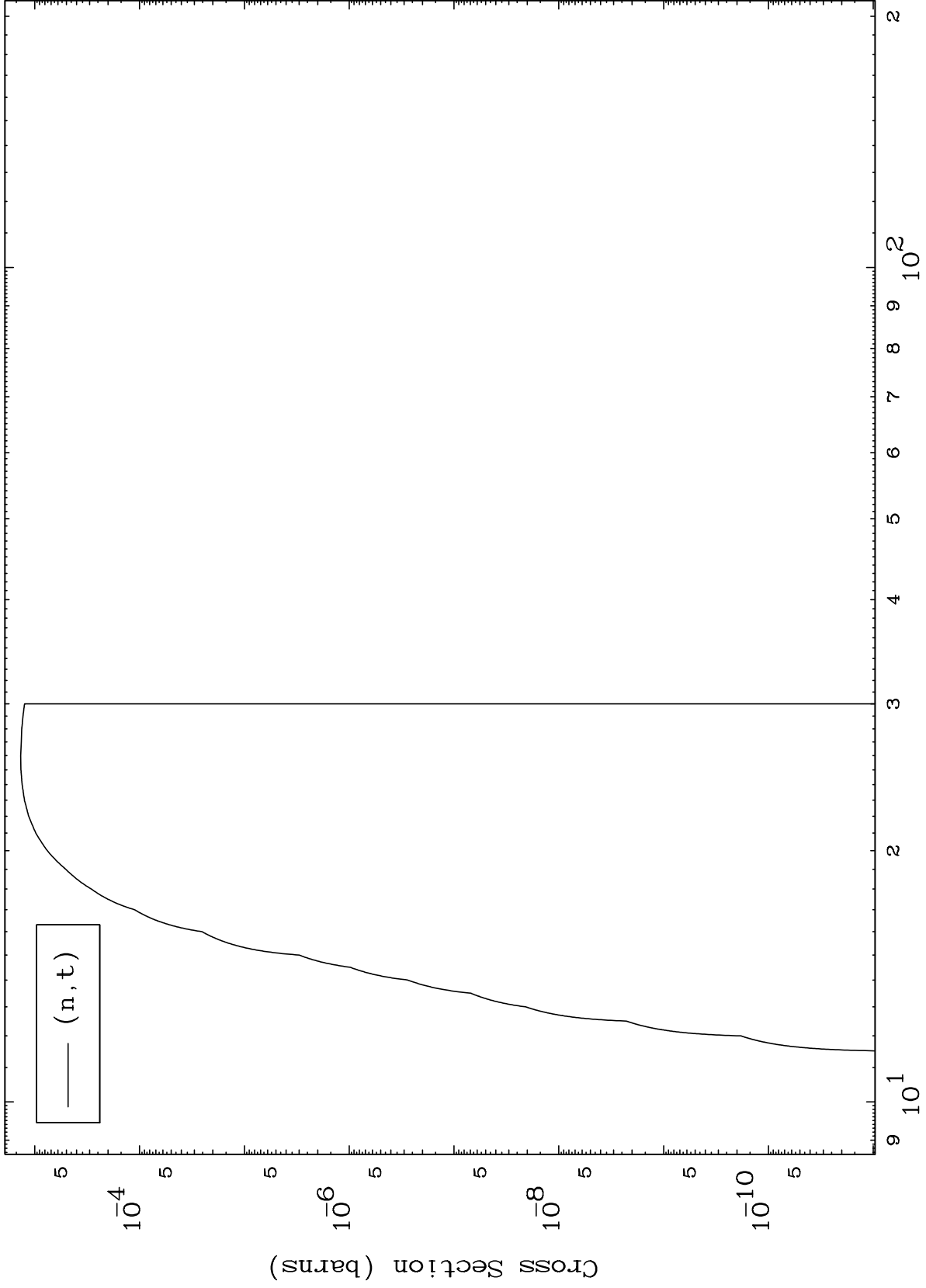
39-Y -99



MAT 3955

(n,t) Levels
293 Kelvin Cross Sections

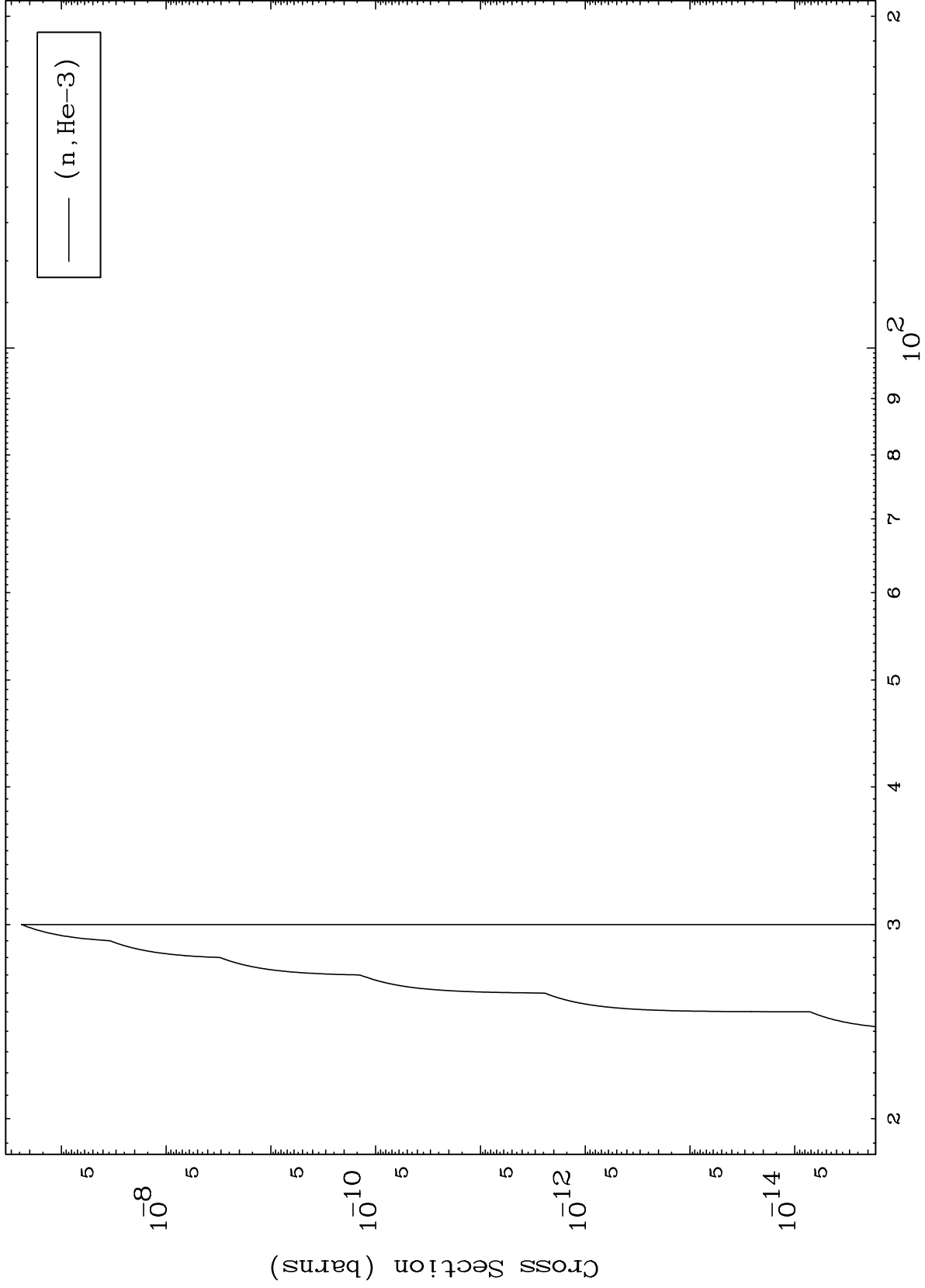
39-Y -99



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Incident Energy (MeV)

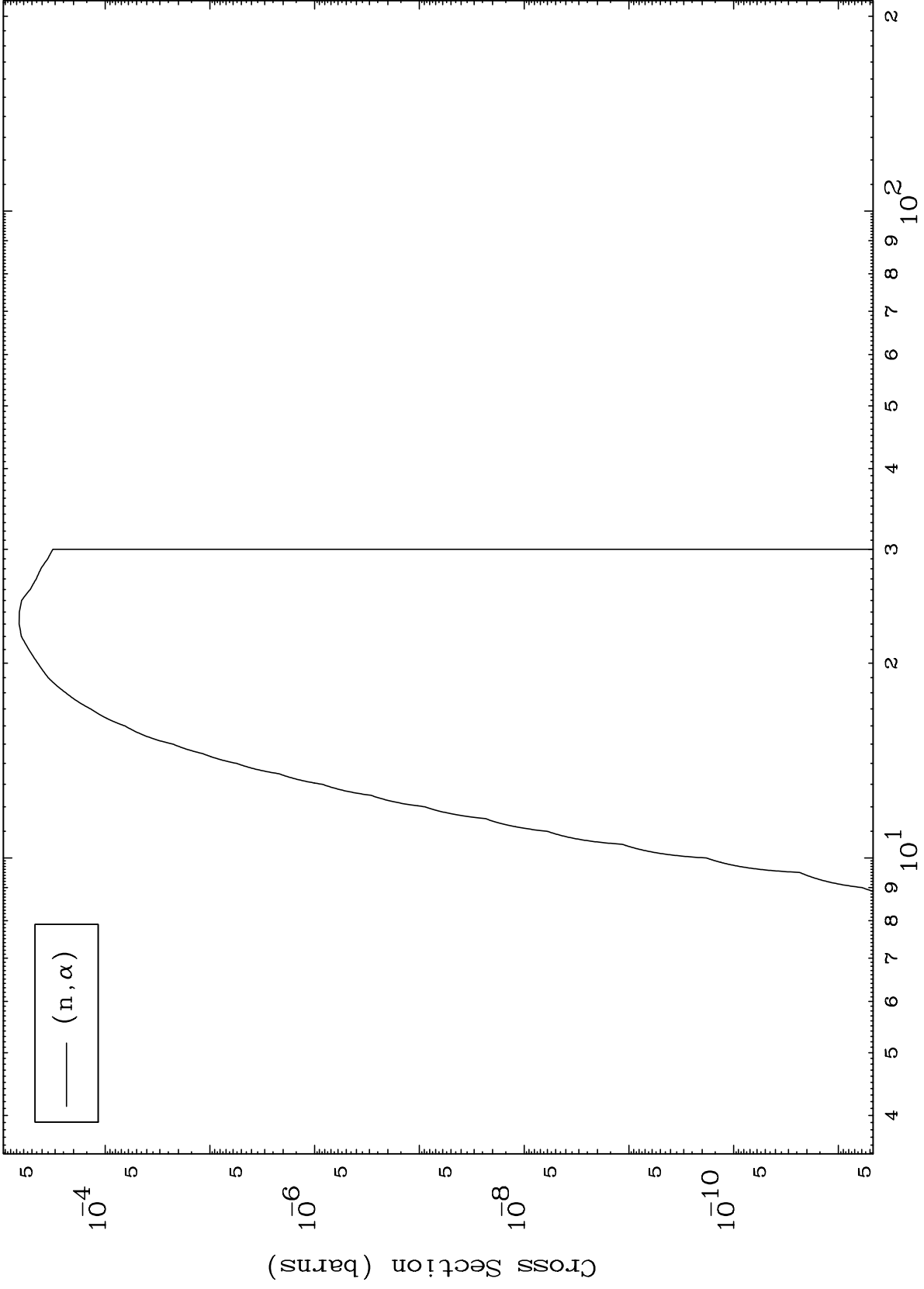
39-Y -99



MAT 3955

(n, α) Levels
293 Kelvin Cross Sections

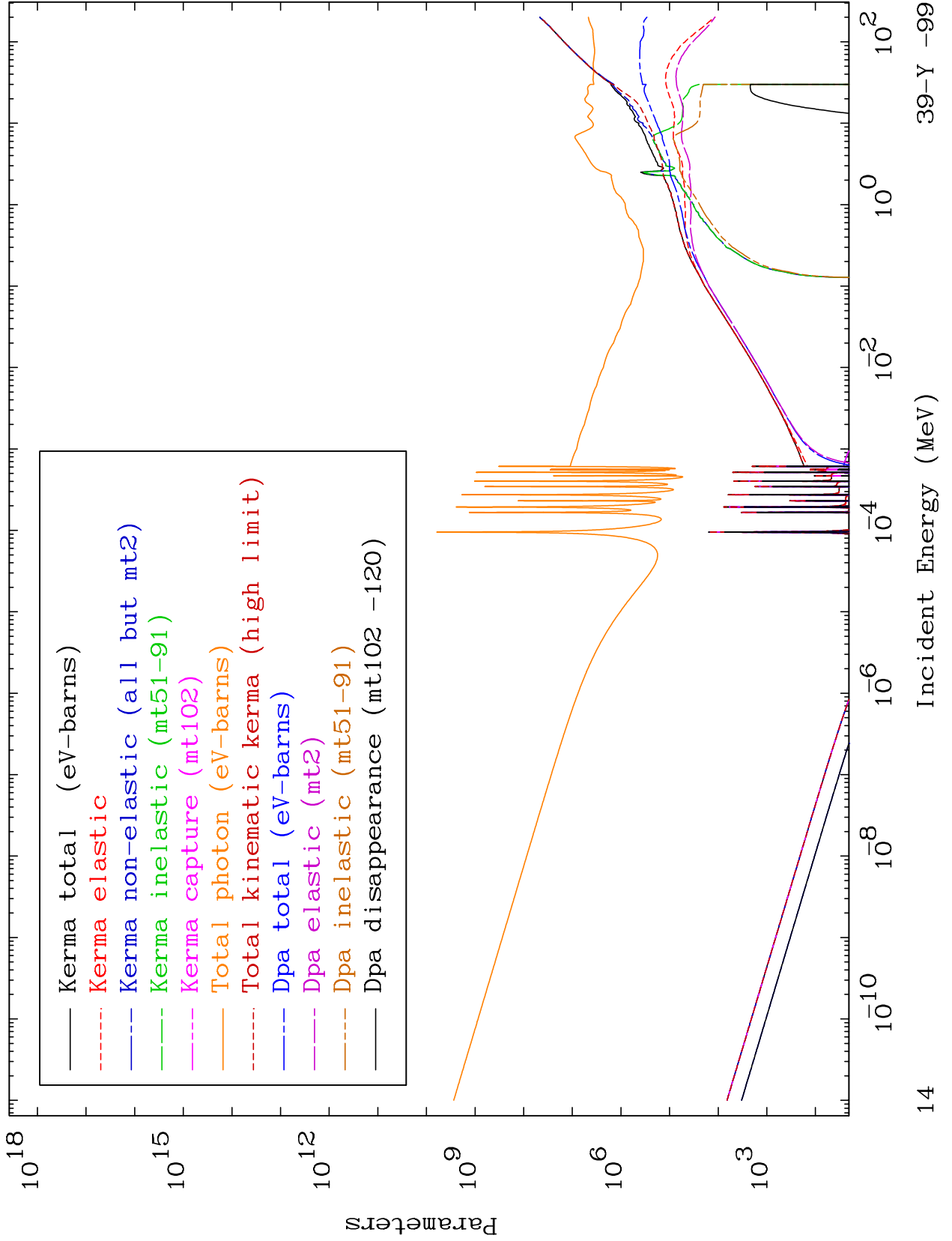
39-Y -99



13

Incident Energy (MeV)

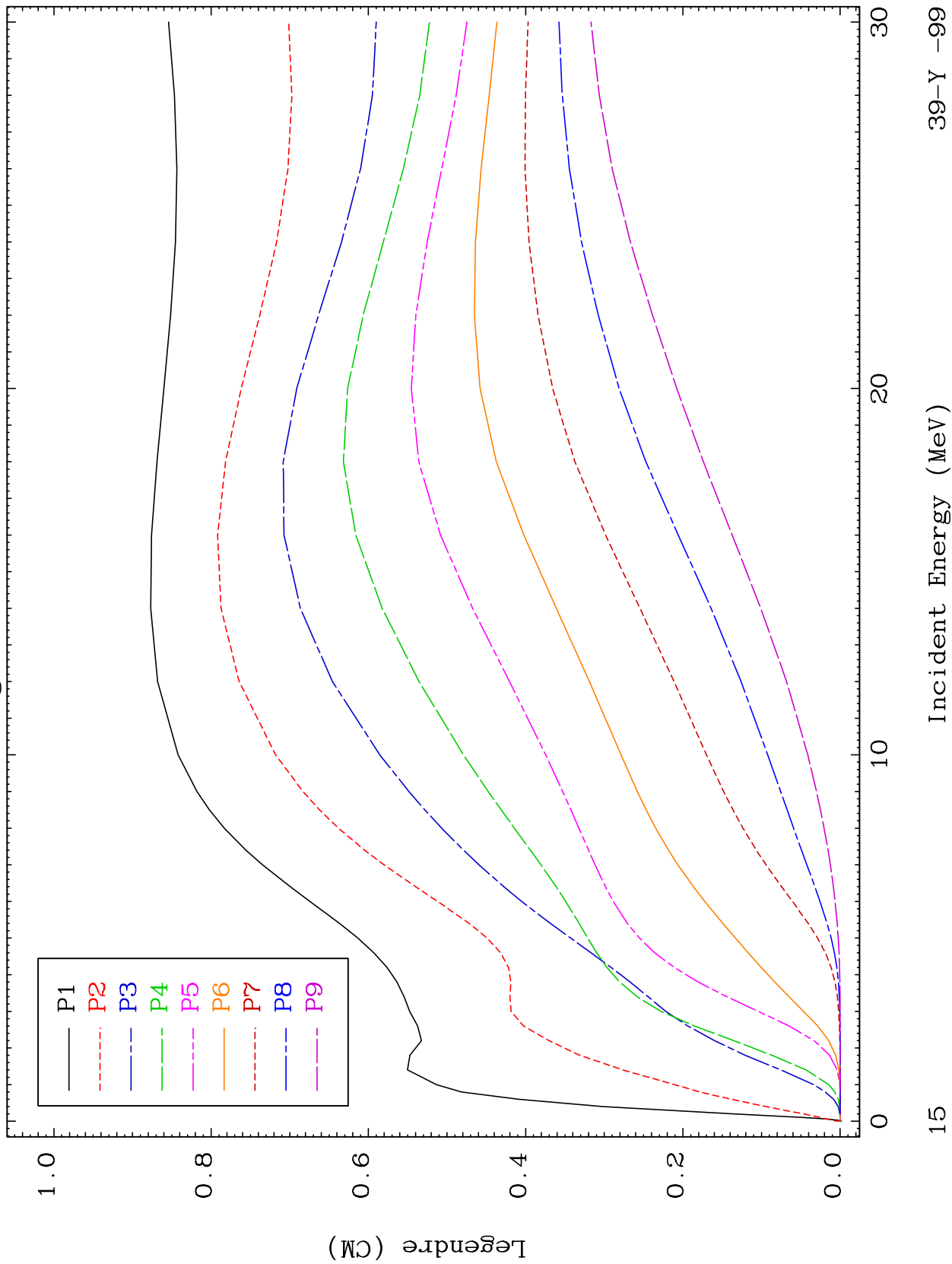
39-Y -99



MAT 3955

Elastic Legendre Coefficients

39-Y -99



15

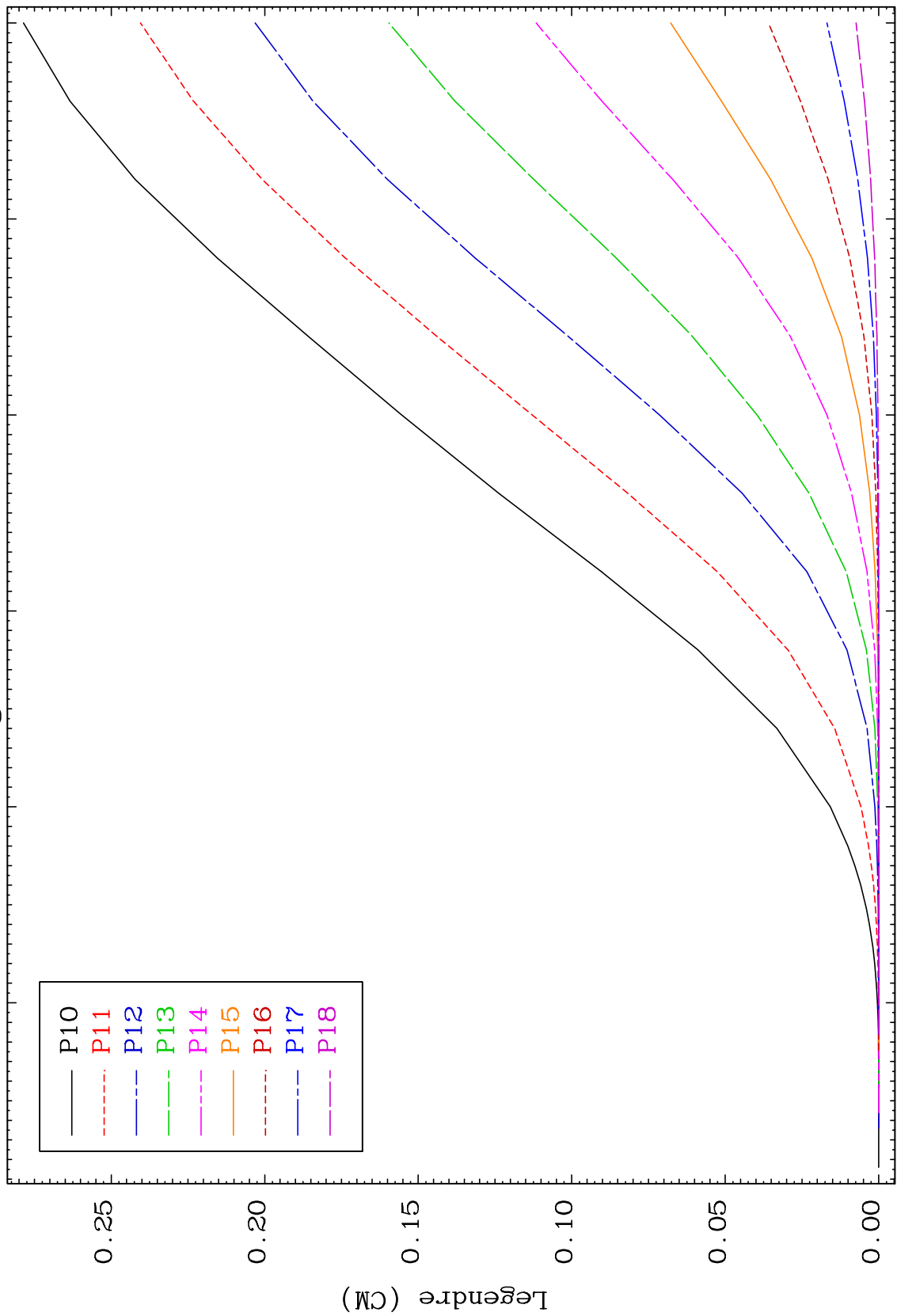
Incident Energy (MeV)

39-Y -99

MAT 3955

Elastic Legendre Coefficients

39-Y -99



16

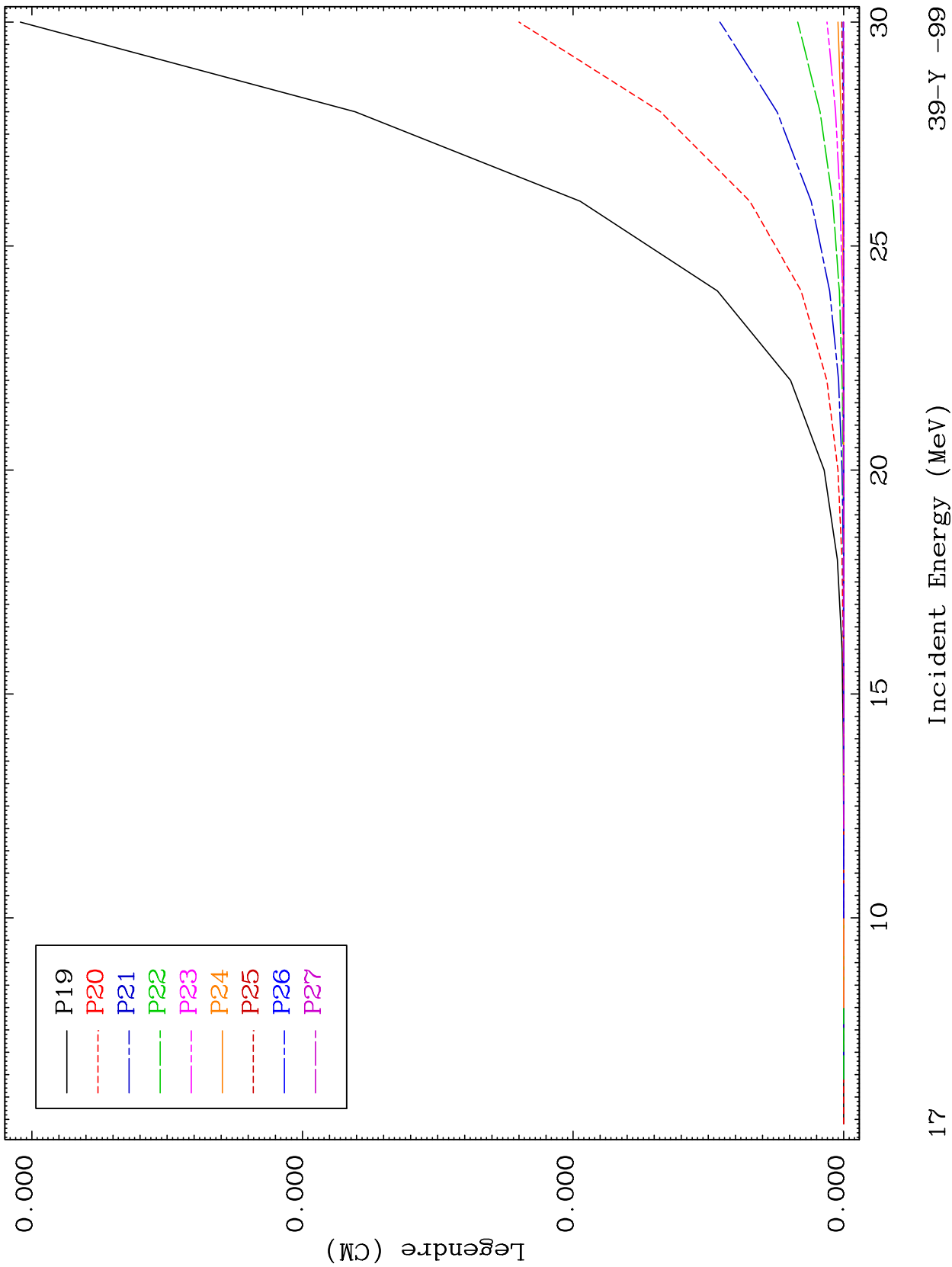
Incident Energy (MeV)

39-Y -99

MAT 3955

Elastic Legendre Coefficients

39-Y -99



17

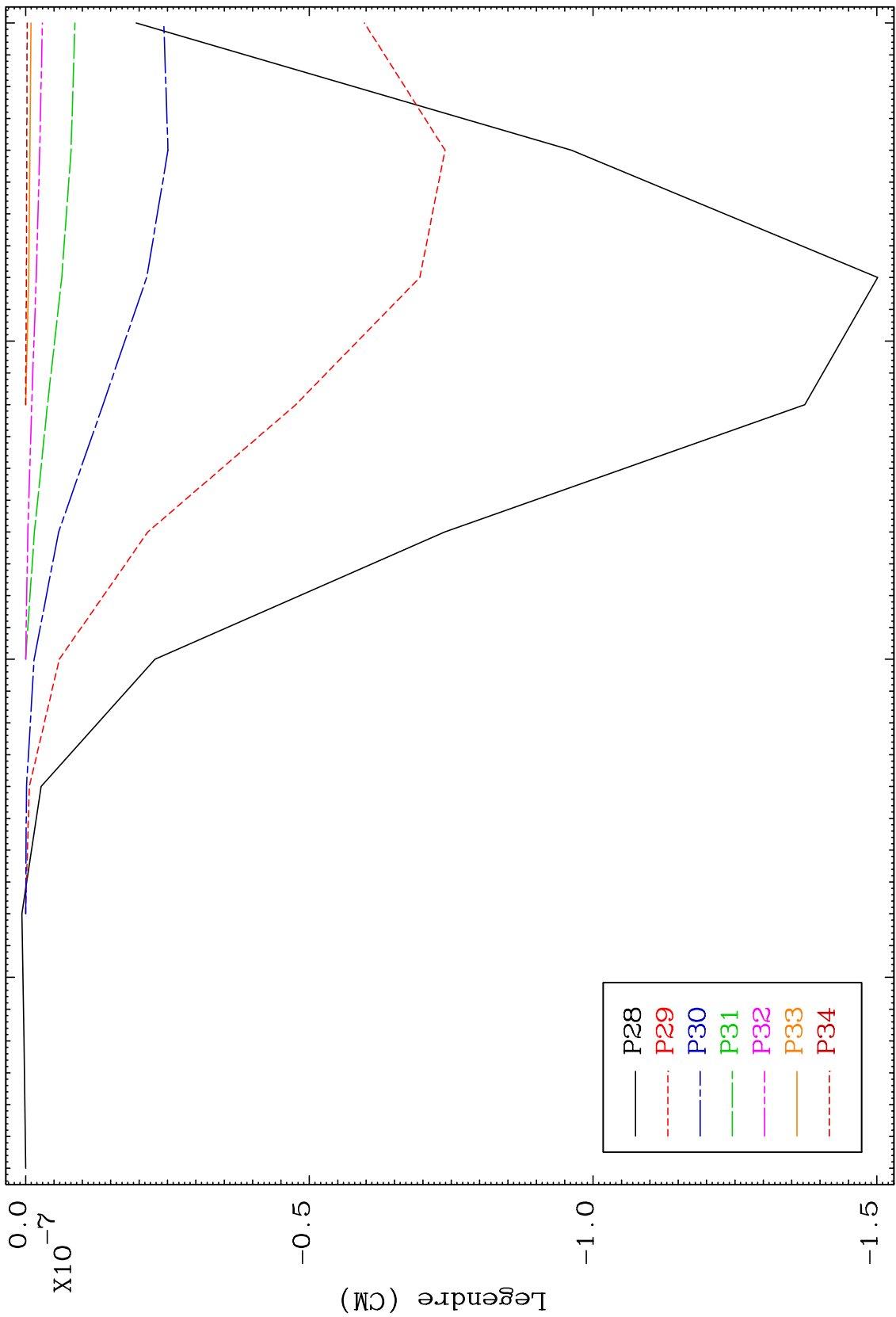
Incident Energy (MeV)

39-Y -99

MAT 3955

39-Y -99

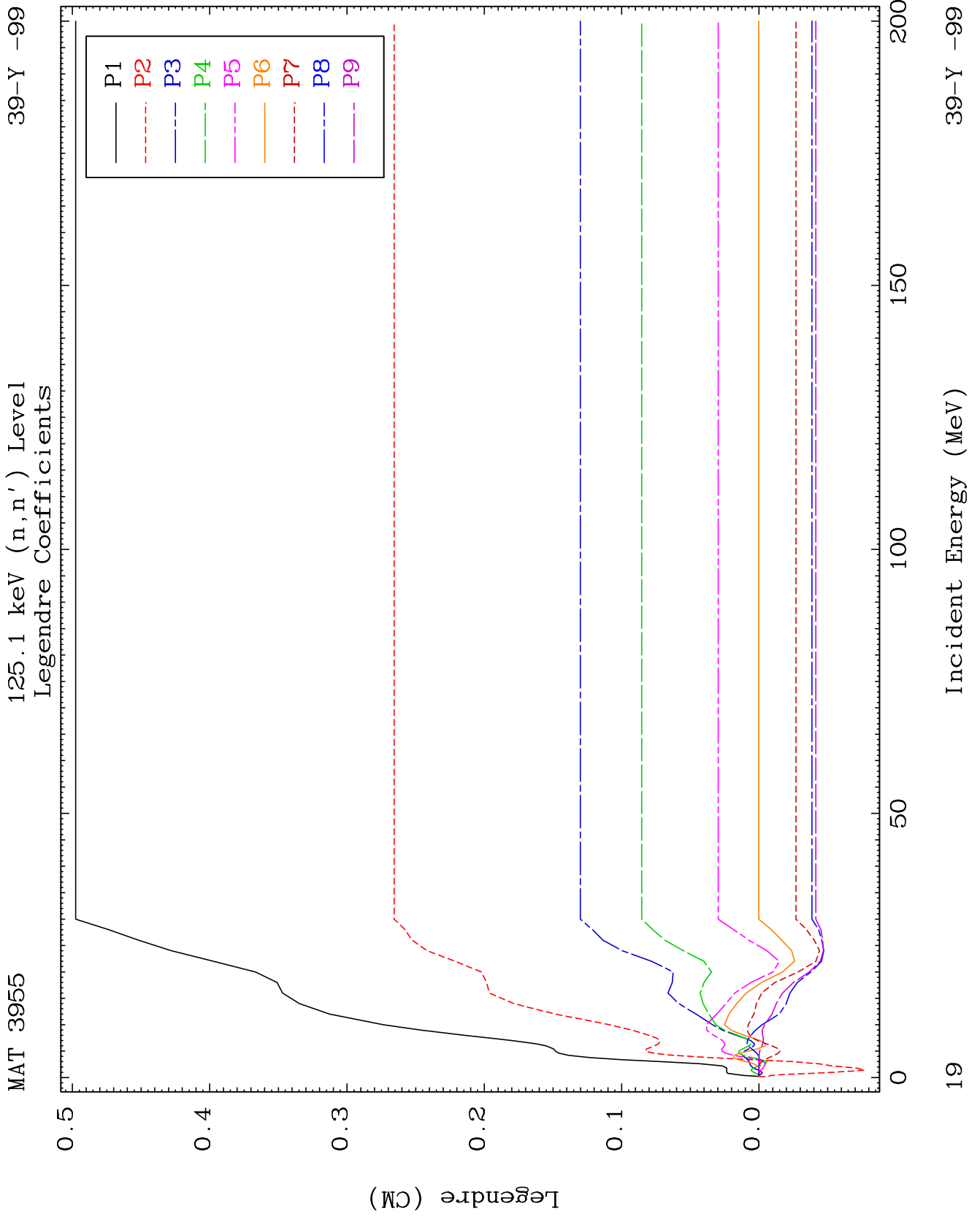
Elastic Legendre Coefficients



18

Incident Energy (MeV)

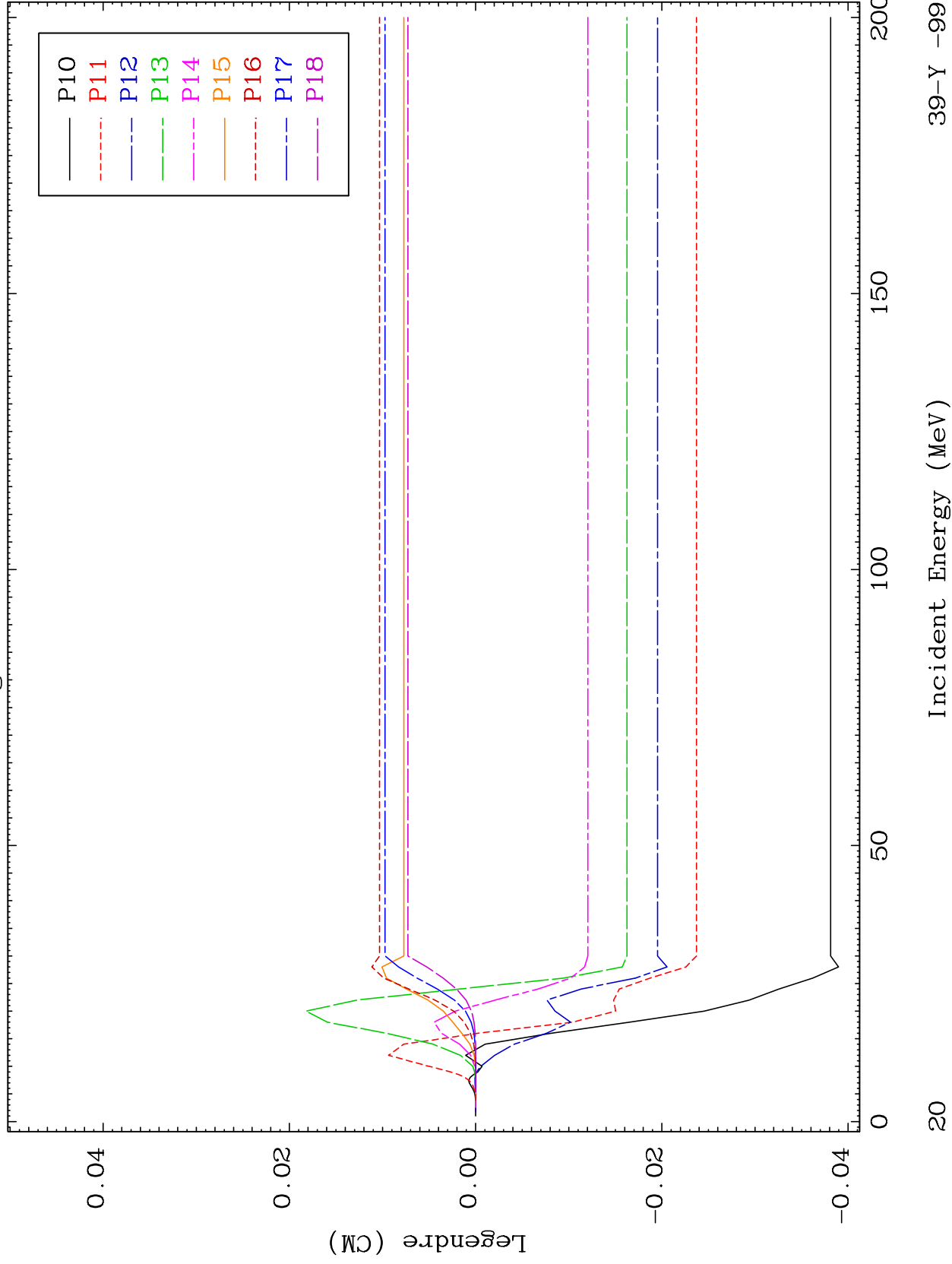
39-Y -99



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125.1 keV (n,n') Level
Legendre Coefficients

39-Y -99

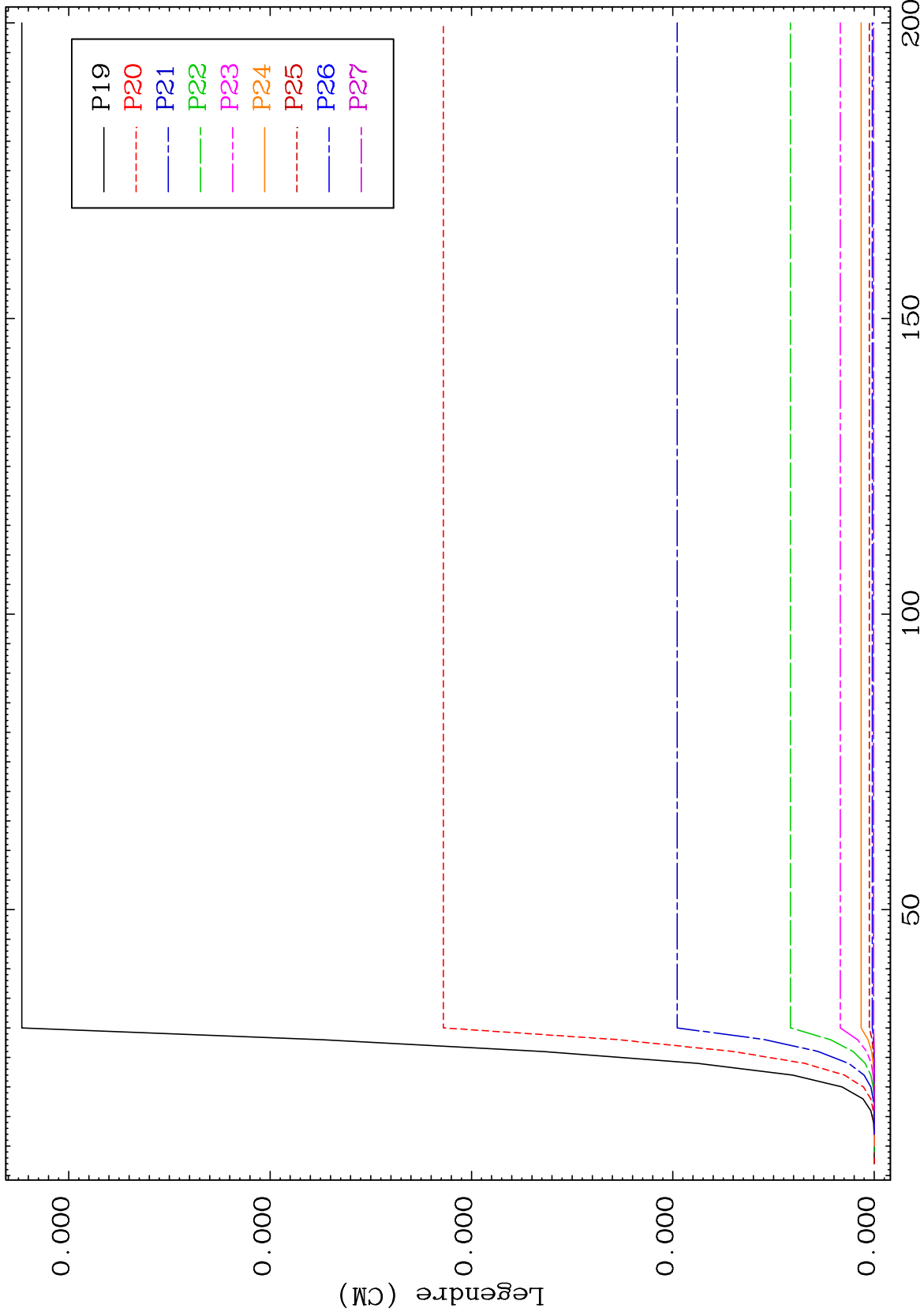


39-Y -99

Incident Energy (MeV)

20

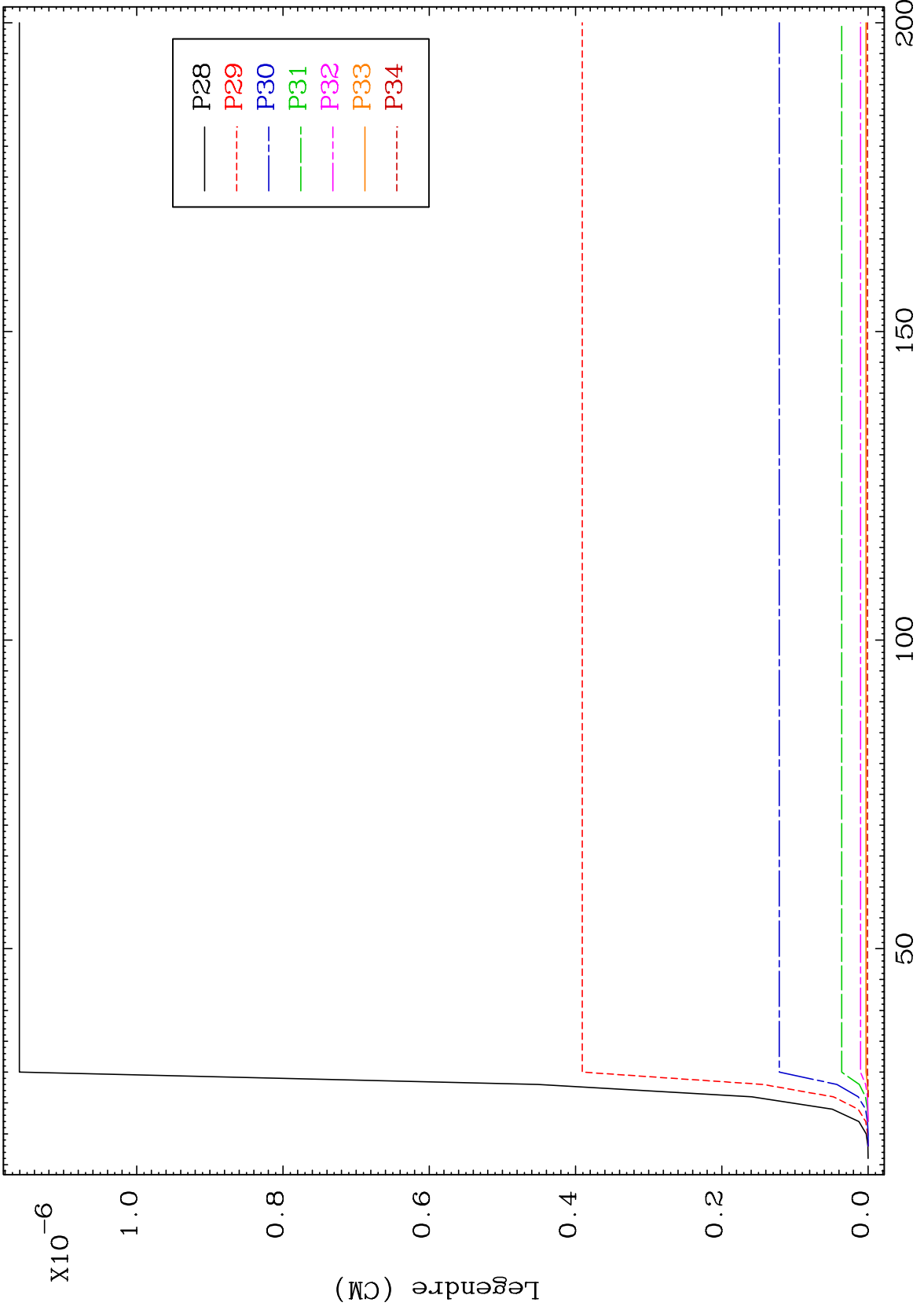
125.1 keV (n,n') Level Legendre Coefficients



MAT 3955

125.1 keV (n,n') Level
Legendre Coefficients

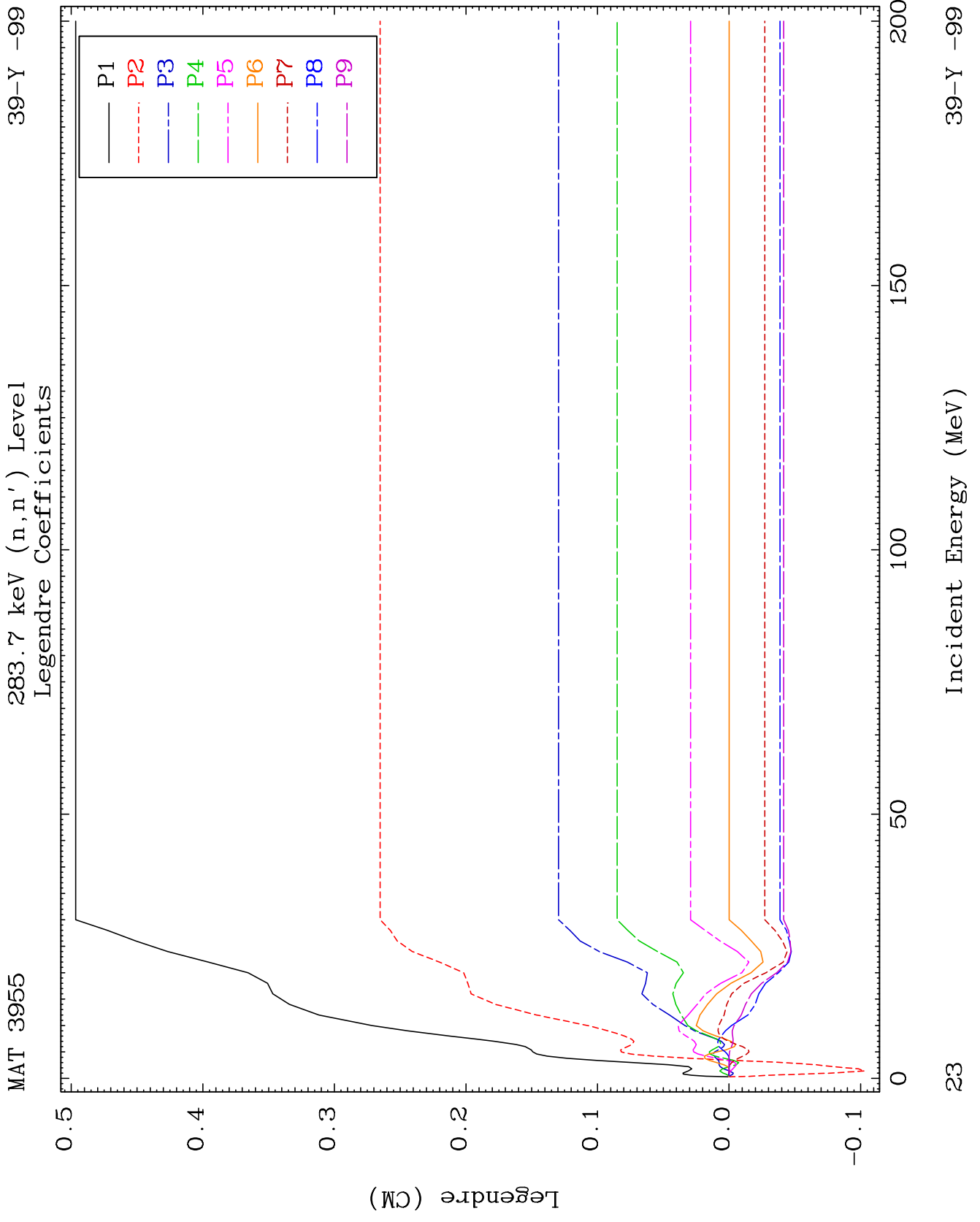
39-Y -99



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Incident Energy (MeV)

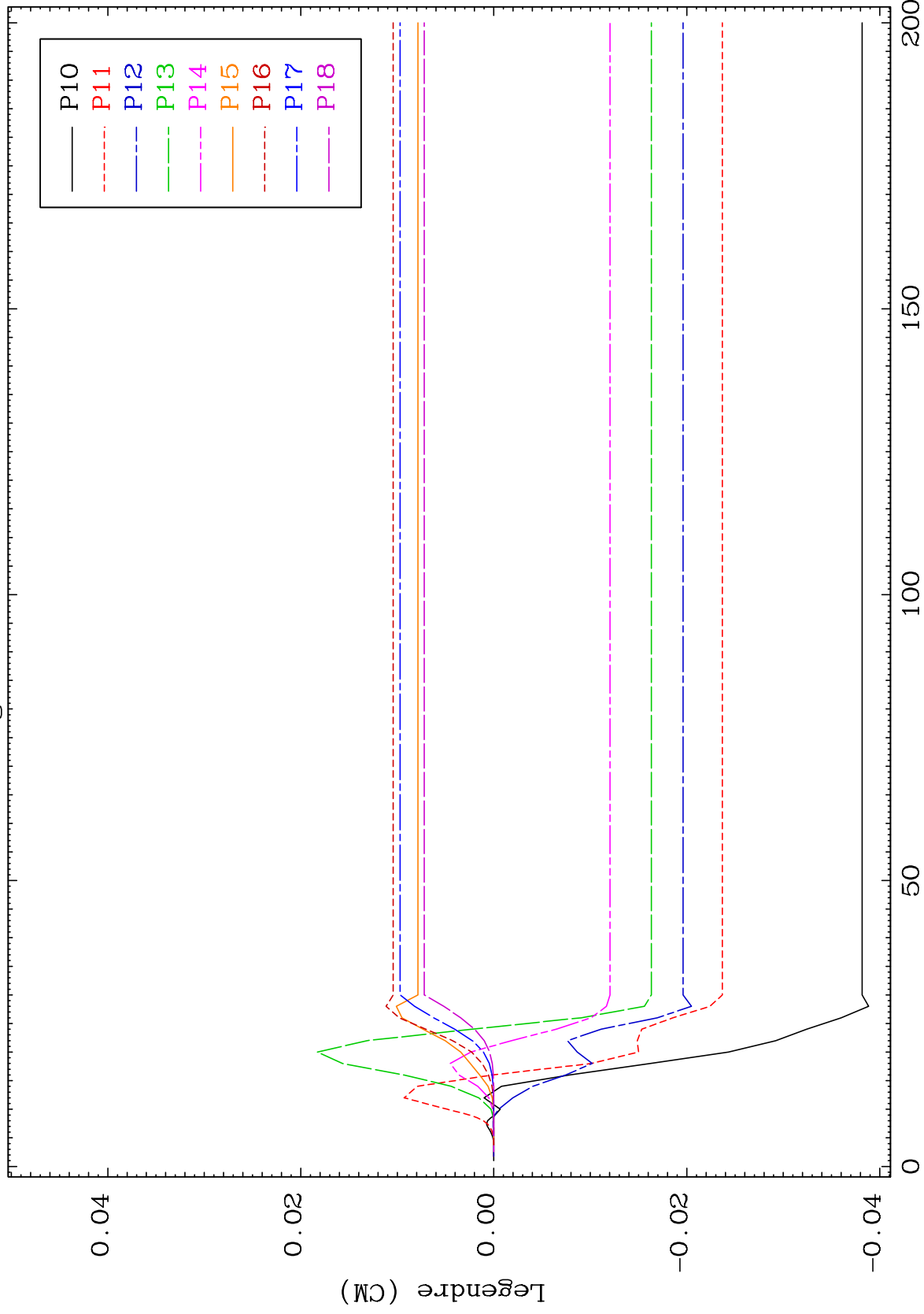
39-Y -99



MAT 3955

283.7 keV (n,n') Level
Legendre Coefficients

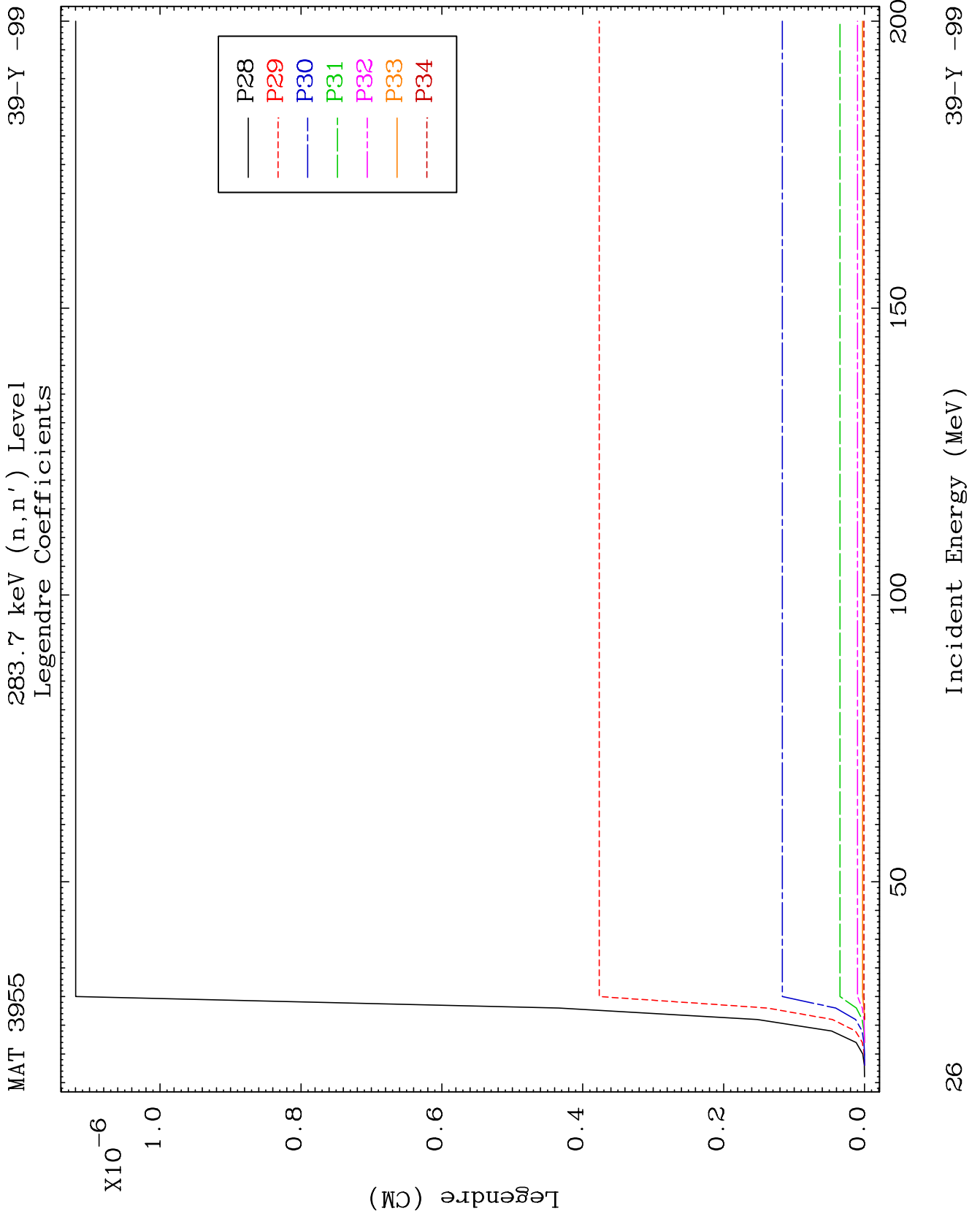
39-Y -99



24

Incident Energy (MeV)

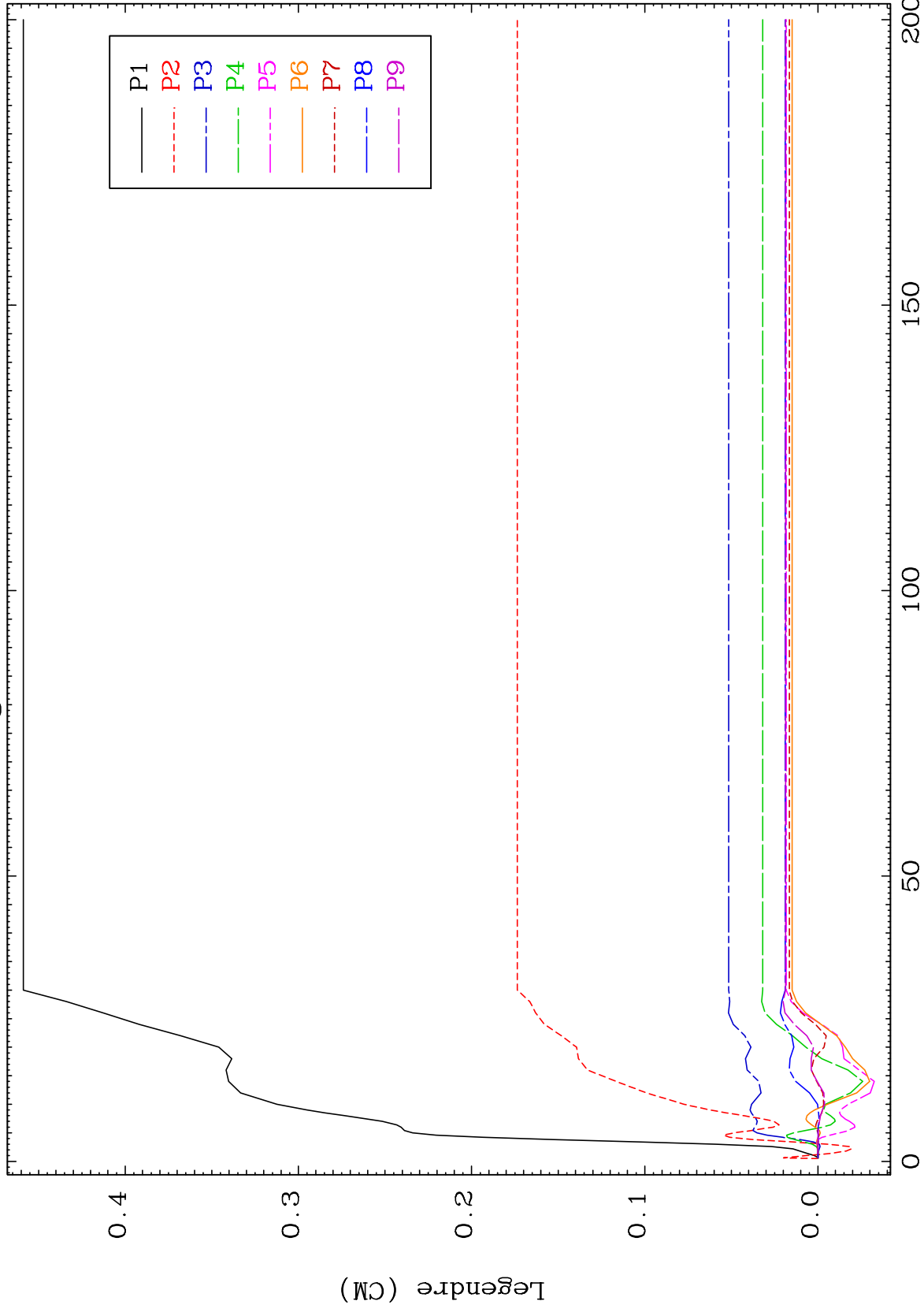
39-Y -99



MAT 3955

482.2 keV (n,n') Level
Legendre Coefficients

39-Y -99



27

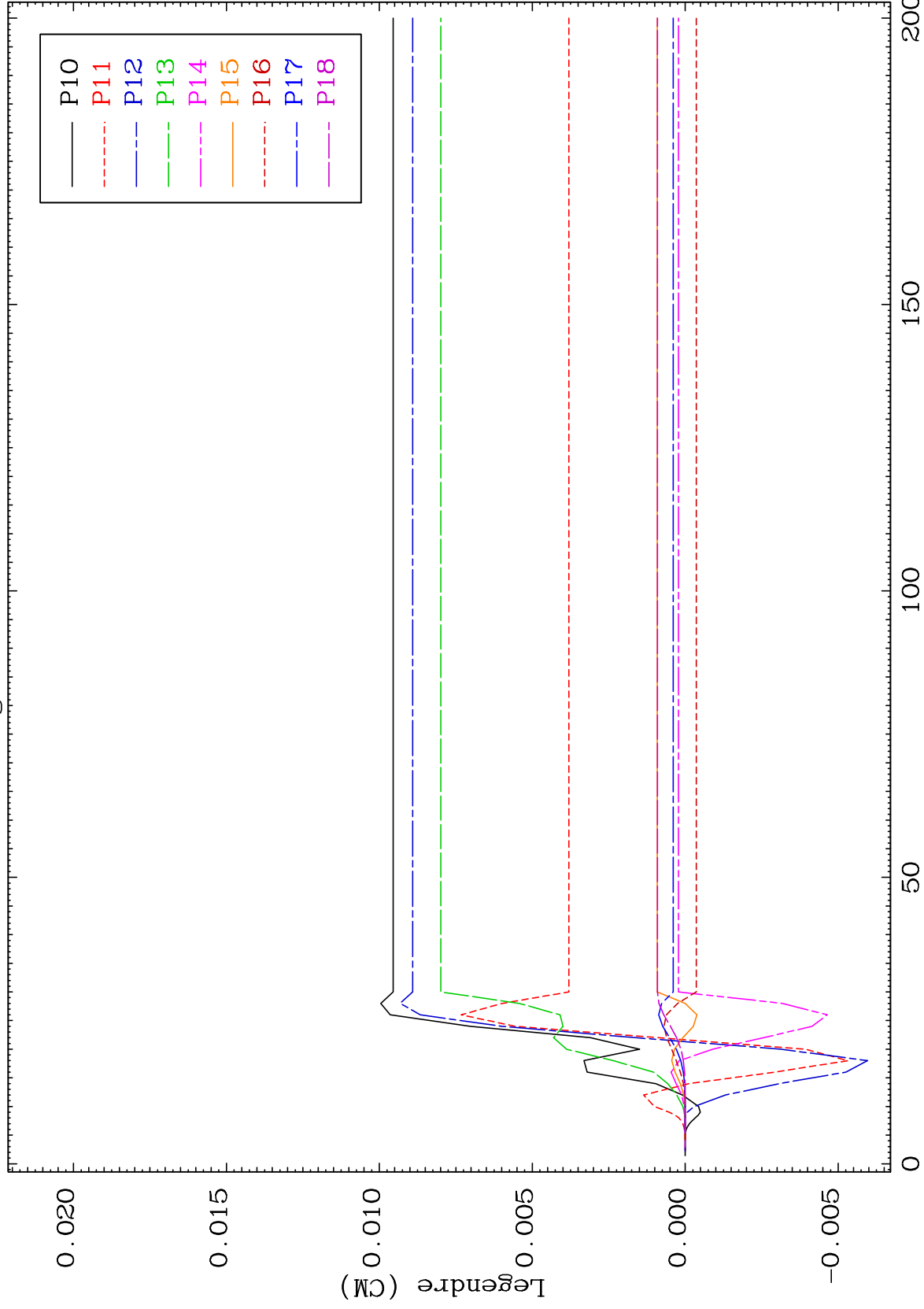
Incident Energy (MeV)

39-Y -99

MAT 3955

482.2 keV (n,n') Level
Legendre Coefficients

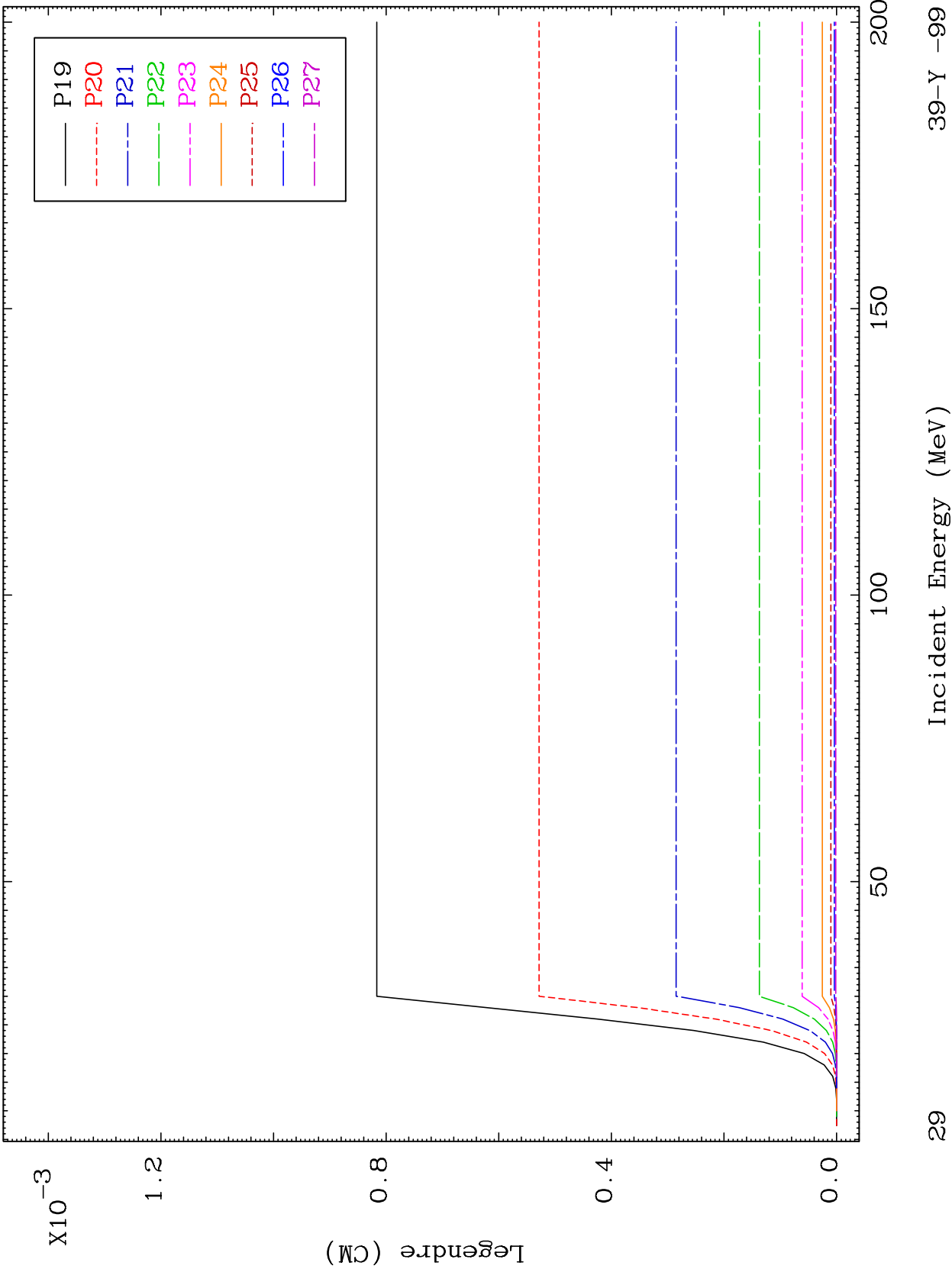
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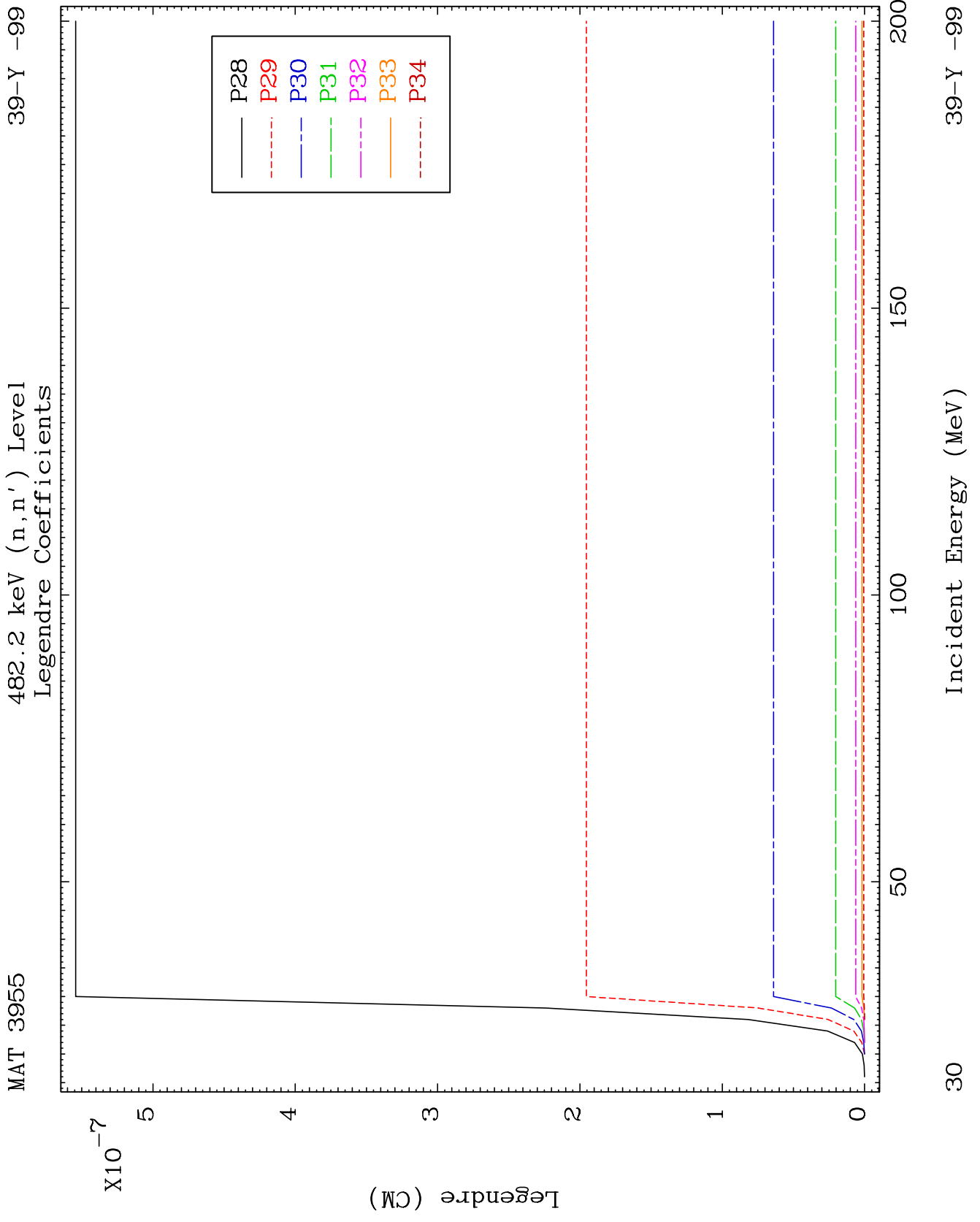


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Incident Energy (MeV)

39-Y -99

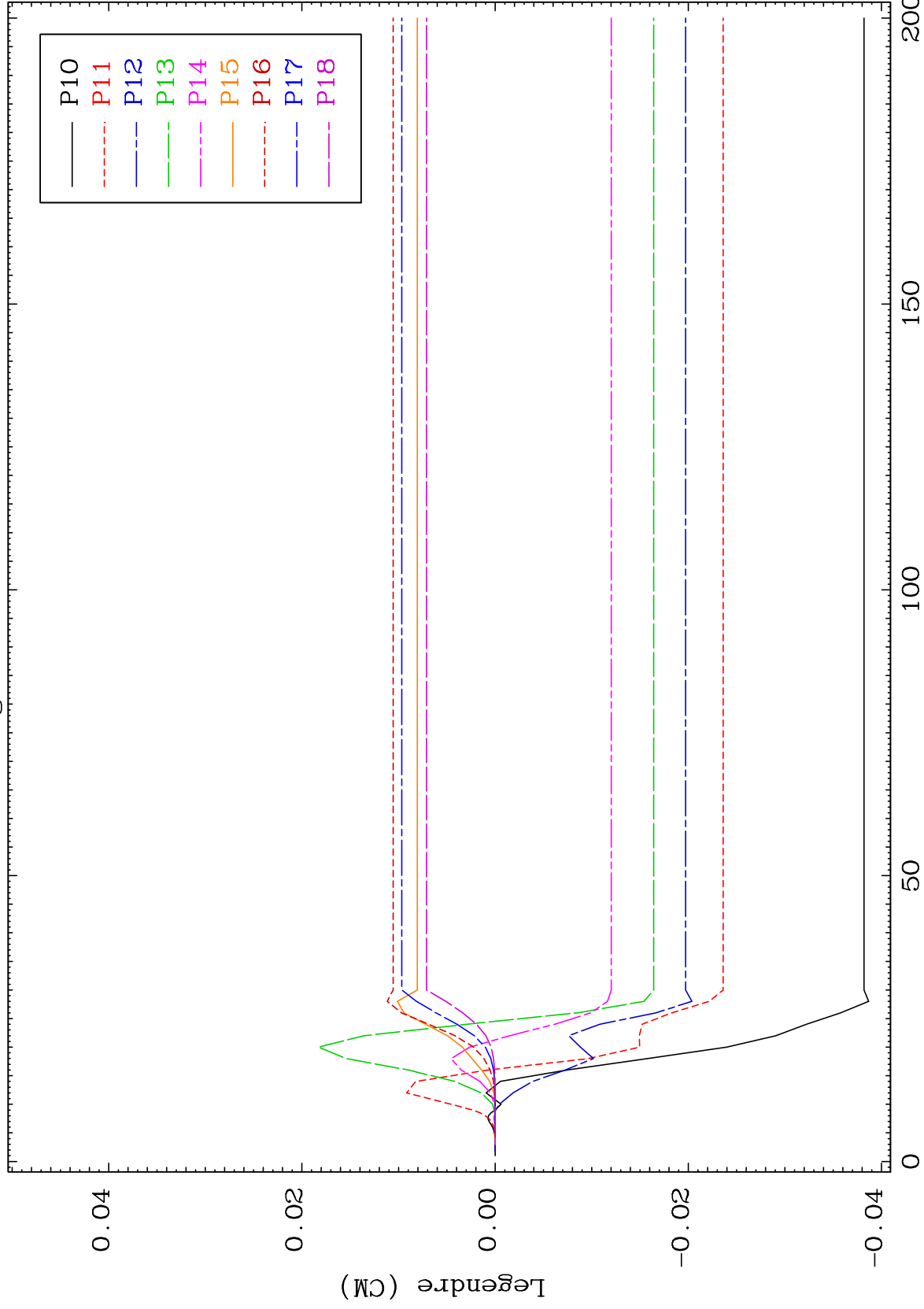




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487.3 keV (n,n') Level
Legendre Coefficients

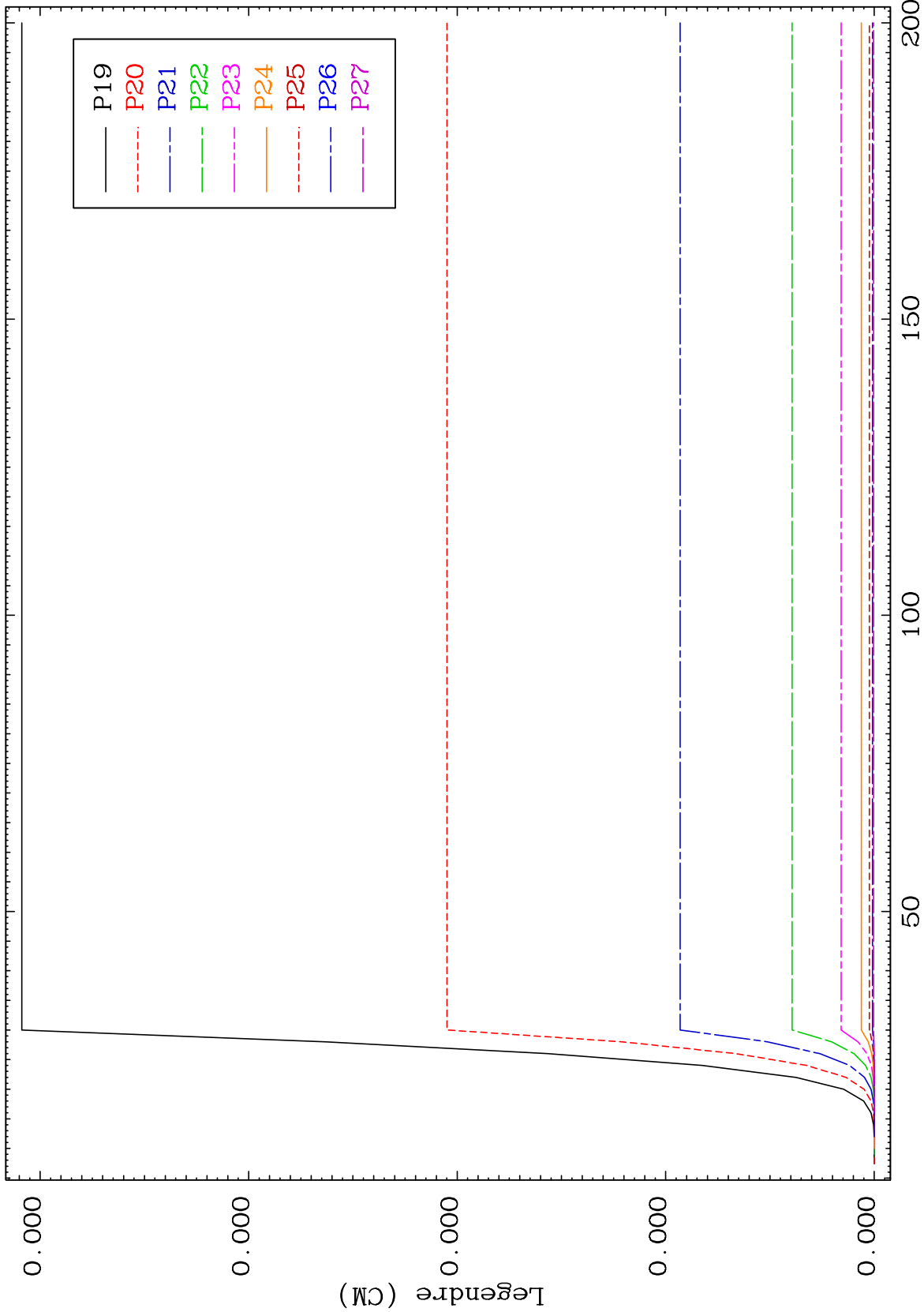
39-Y -99



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Incident Energy (MeV)

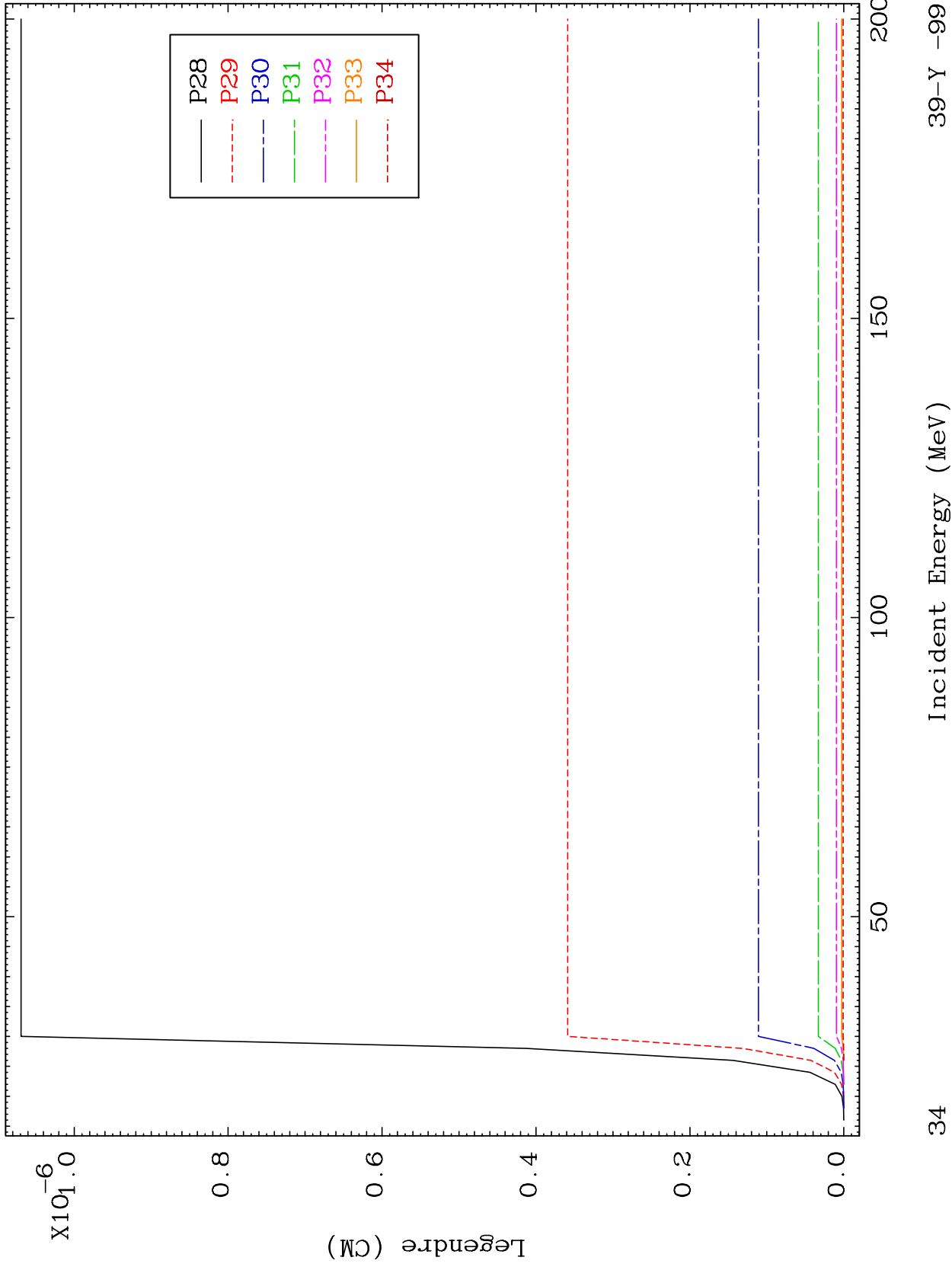
39-Y -99



MAT 3955

487.3 keV (n,n') Level
Legendre Coefficients

39-Y -99



34

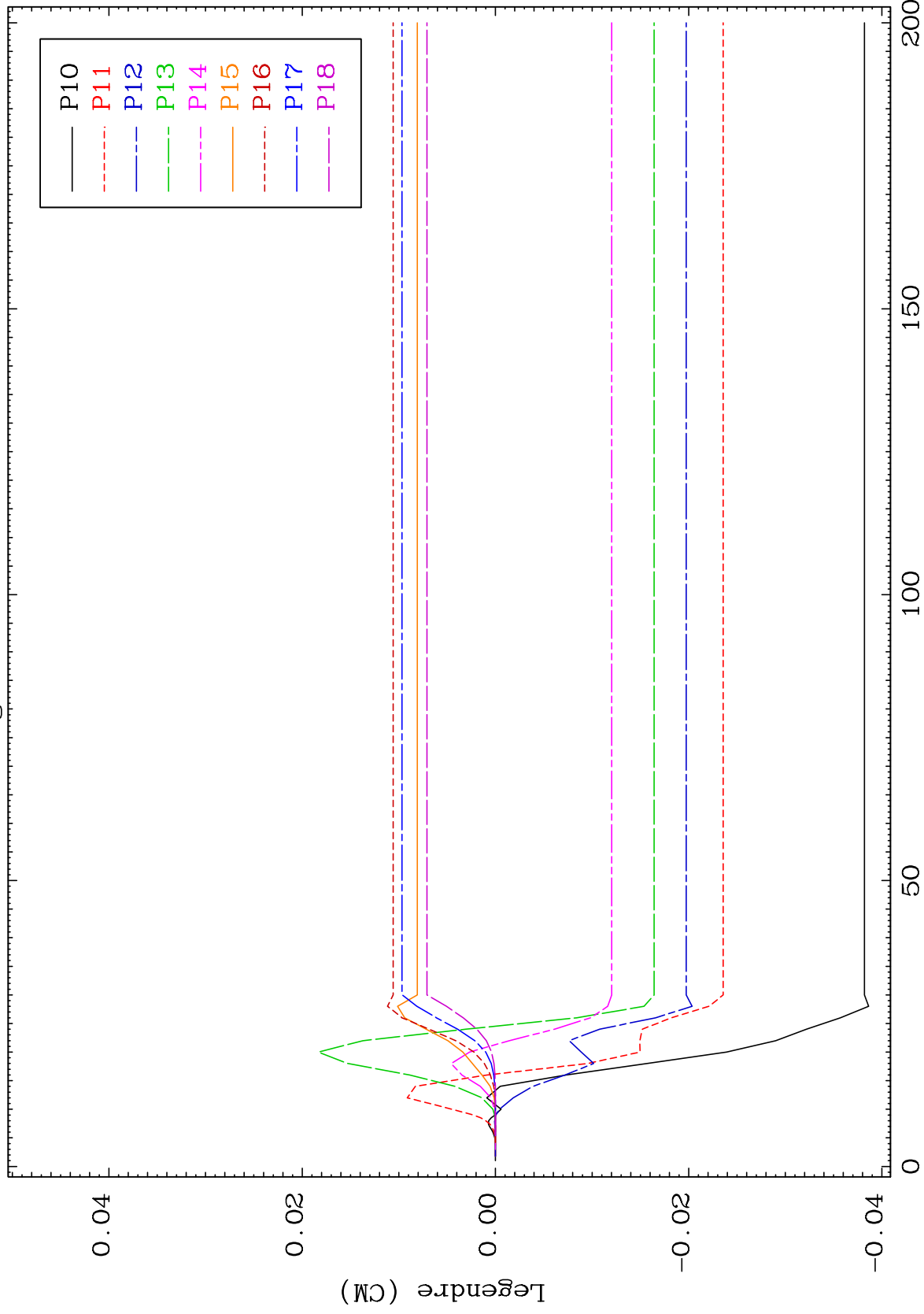
Incident Energy (MeV)

39-Y -99

MAT 3955

536.2 keV (n,n') Level
Legendre Coefficients

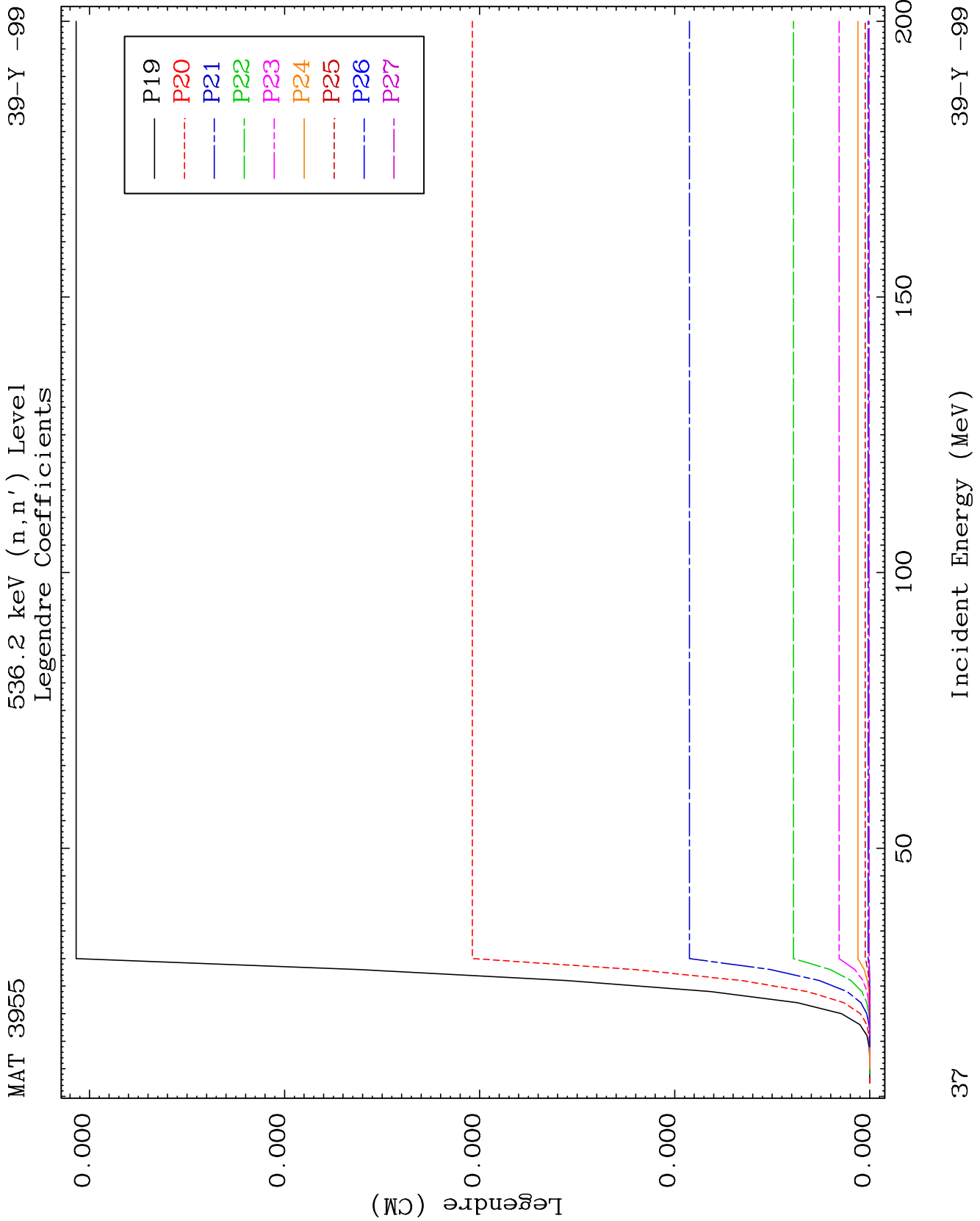
39-Y -99



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Incident Energy (MeV)

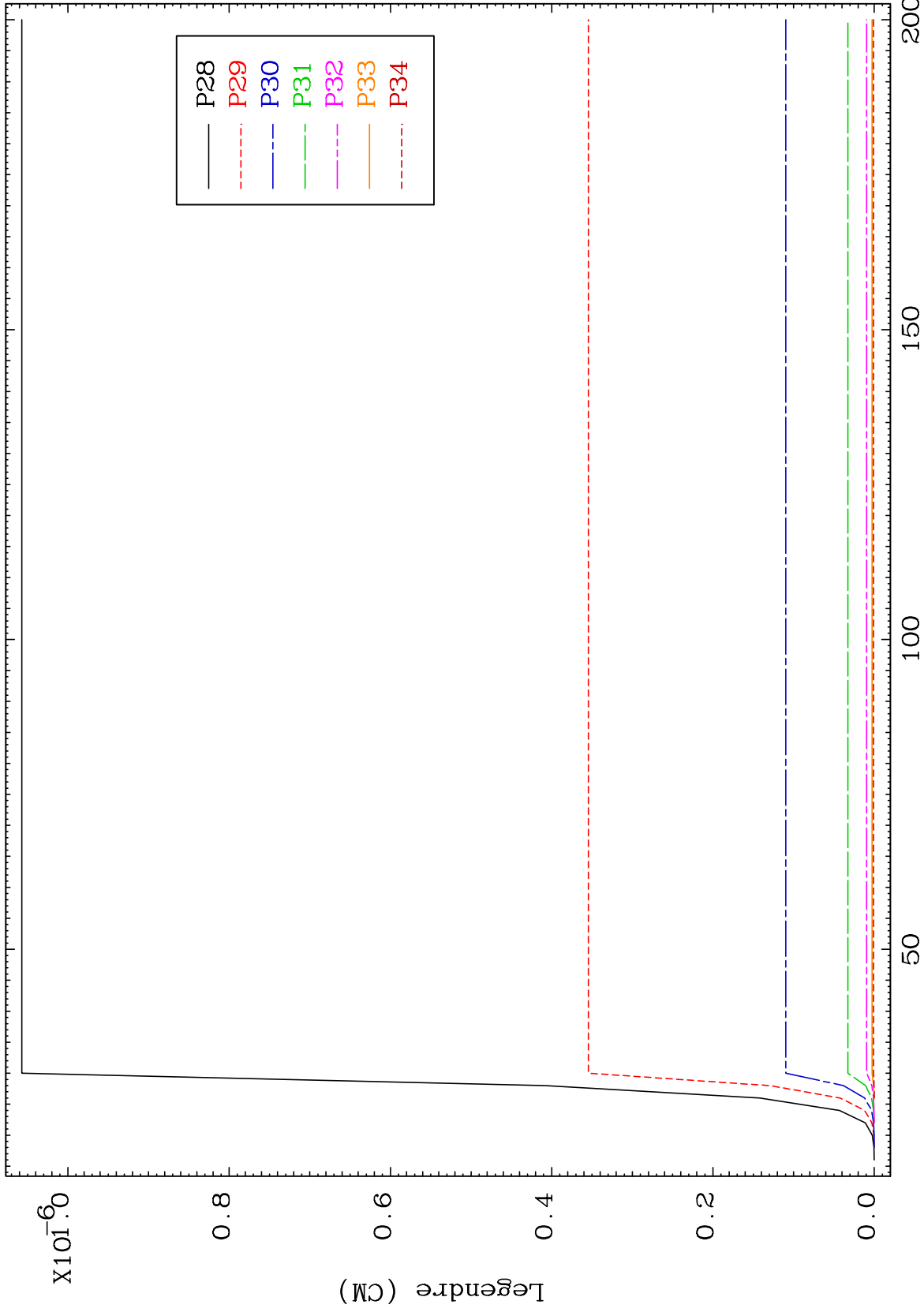
39-Y -99



MAT 3955

536.2 keV (n,n') Level
Legendre Coefficients

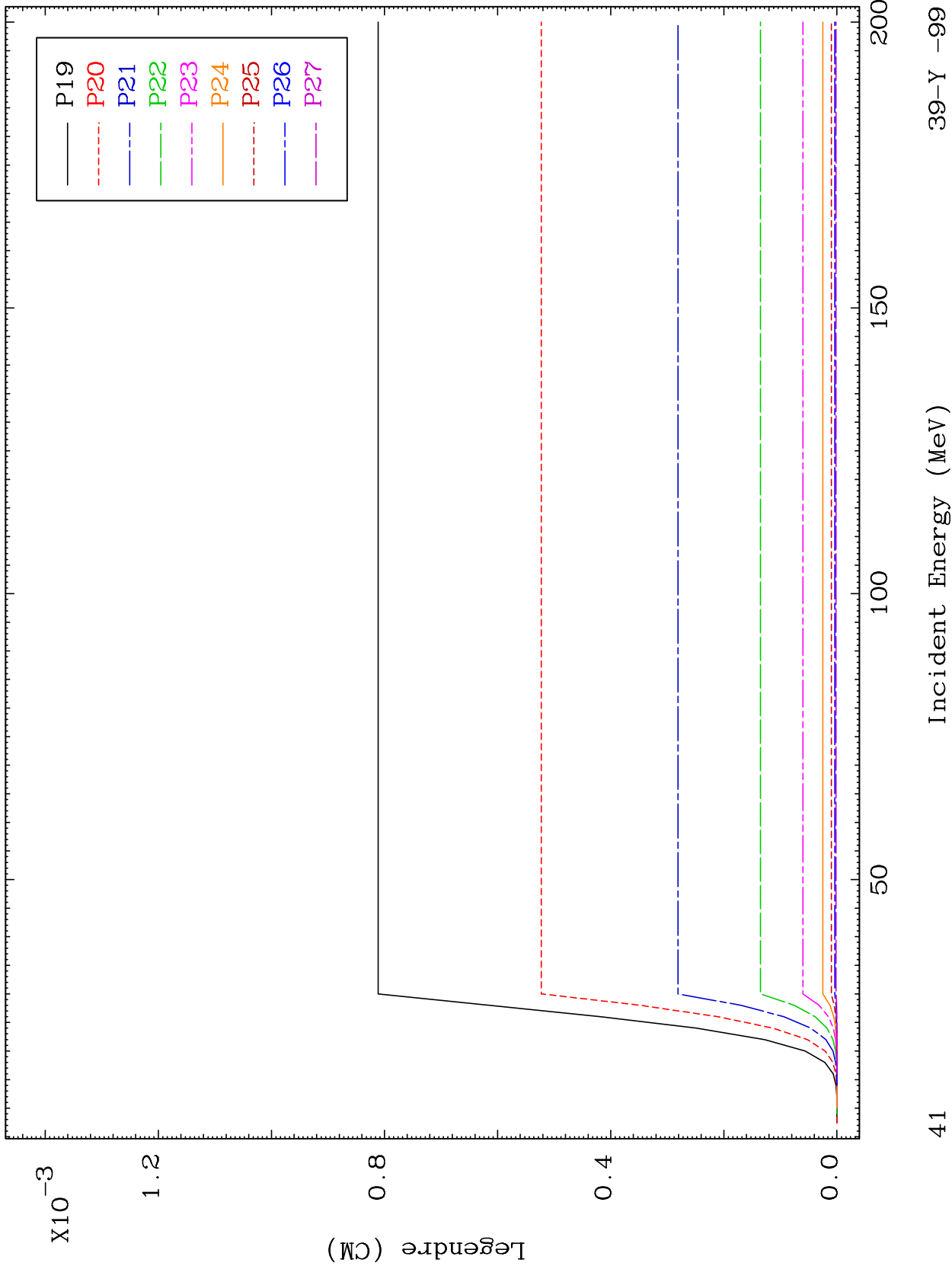
39-Y -99

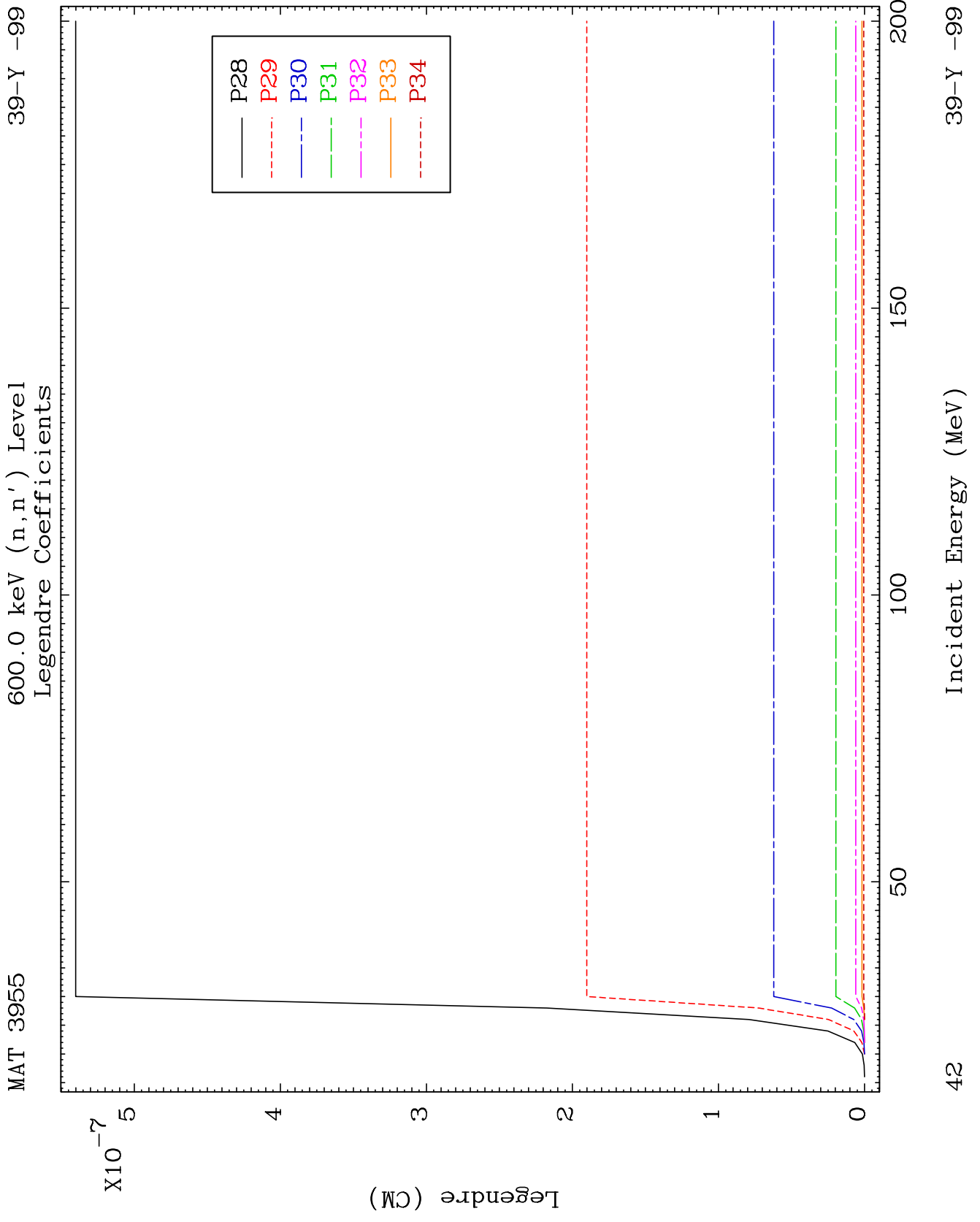


38

Incident Energy (MeV)

39-Y -99

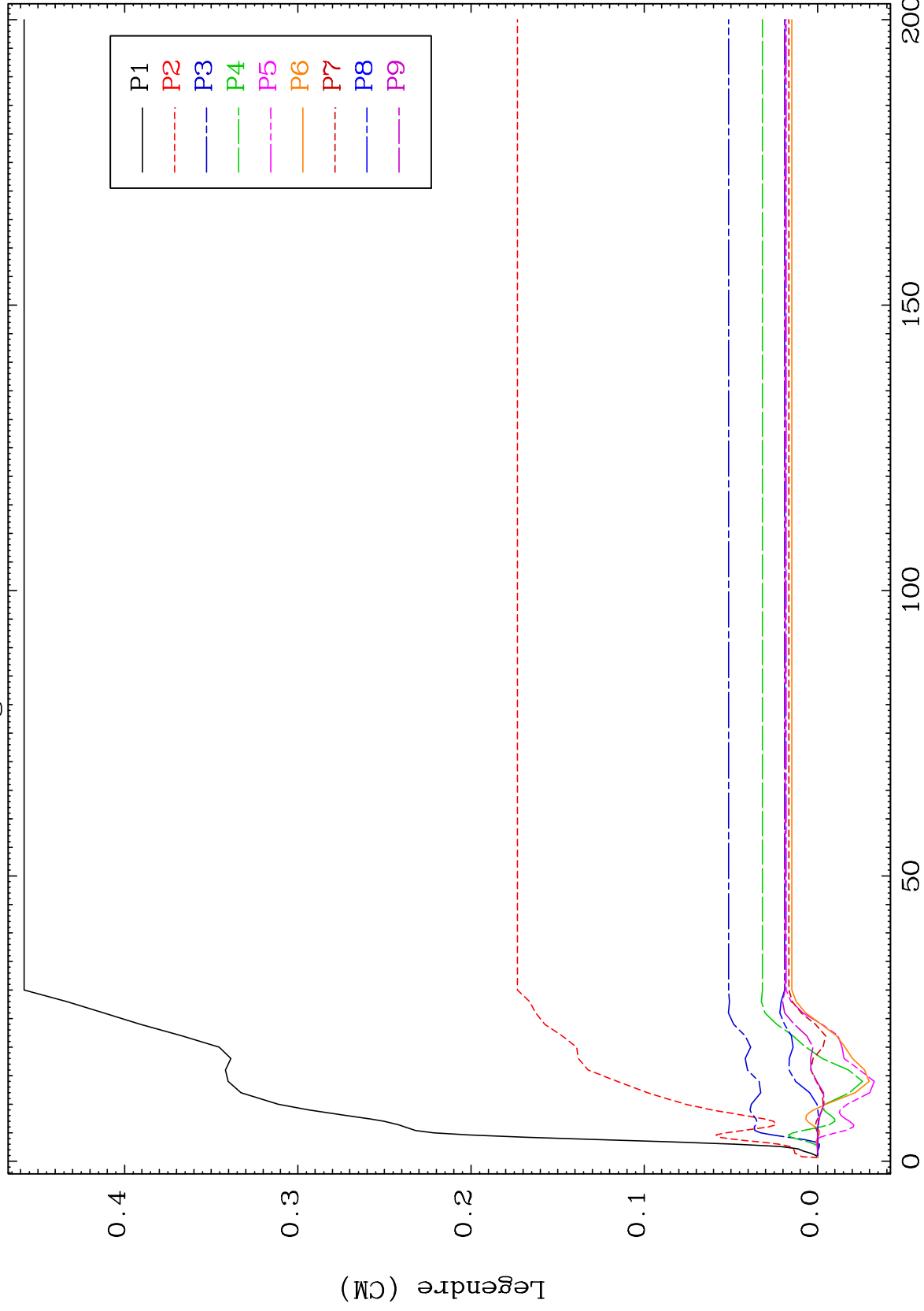




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624.4 keV (n,n') Level
Legendre Coefficients

39-Y -99



43

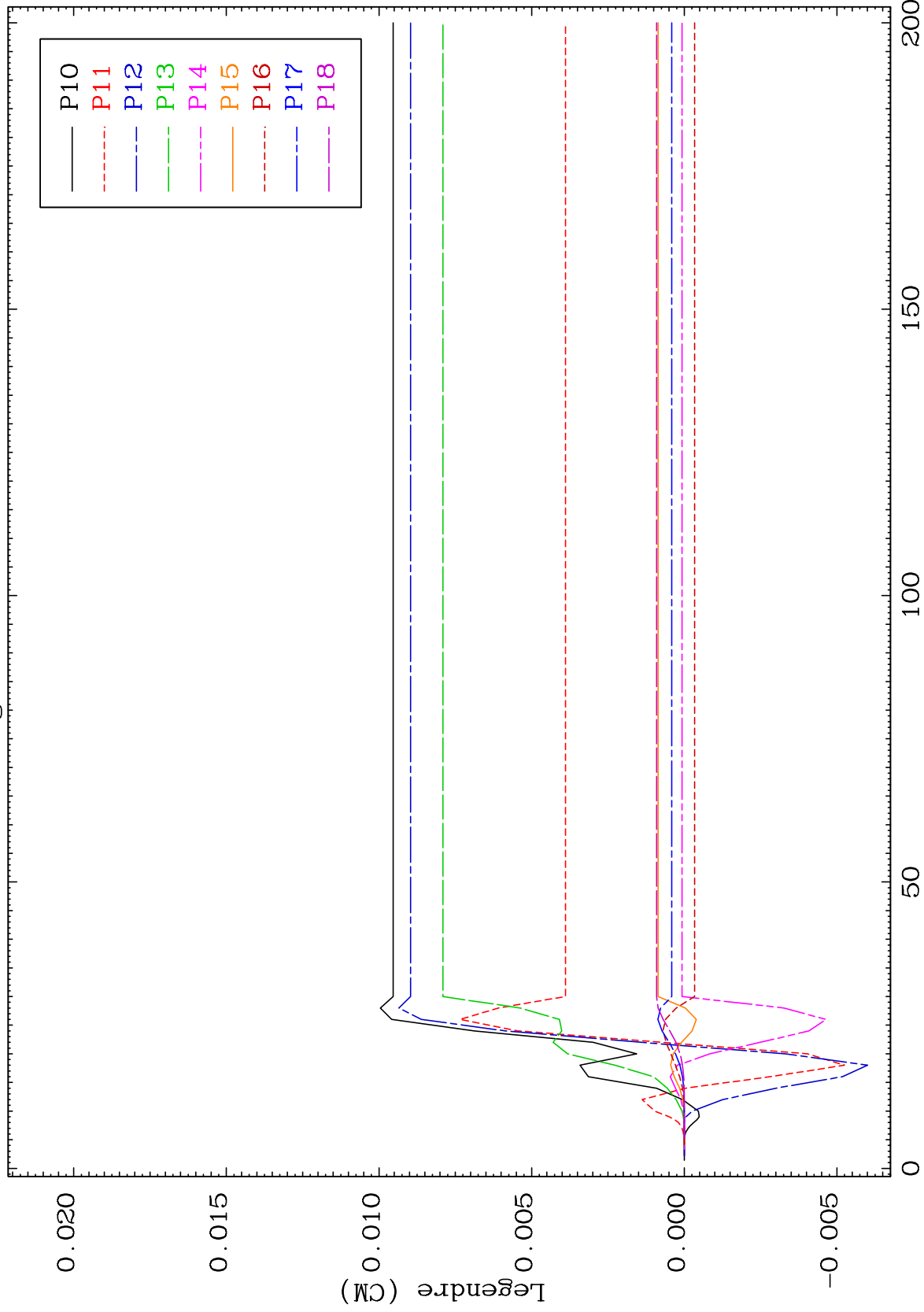
Incident Energy (MeV)

39-Y -99

MAT 3955

624.4 keV (n,n') Level
Legendre Coefficients

39-Y -99



44

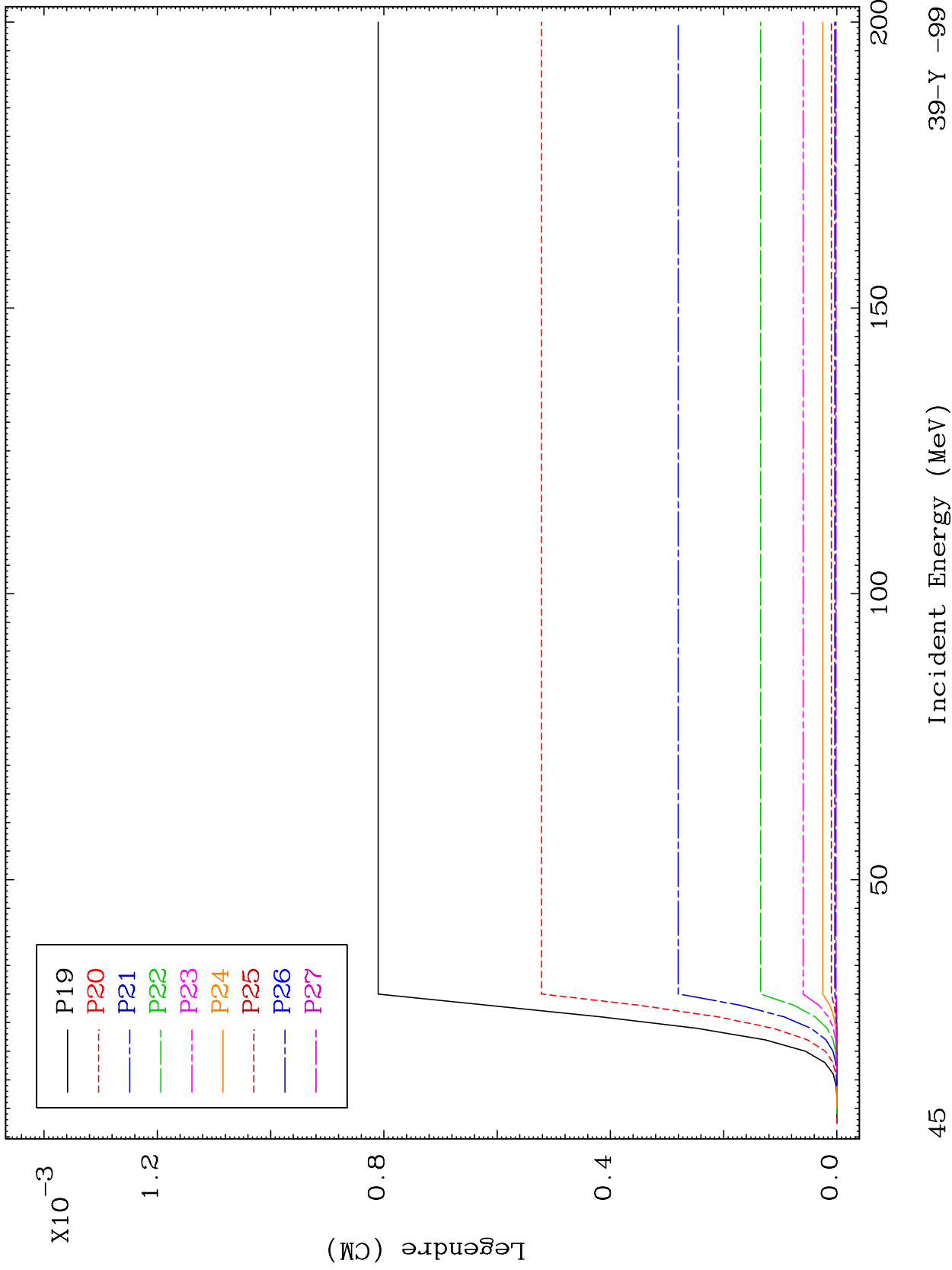
Incident Energy (MeV)

39-Y -99

MAT 3955

624.4 keV (n,n') Level
Legendre Coefficients

39-Y -99



45

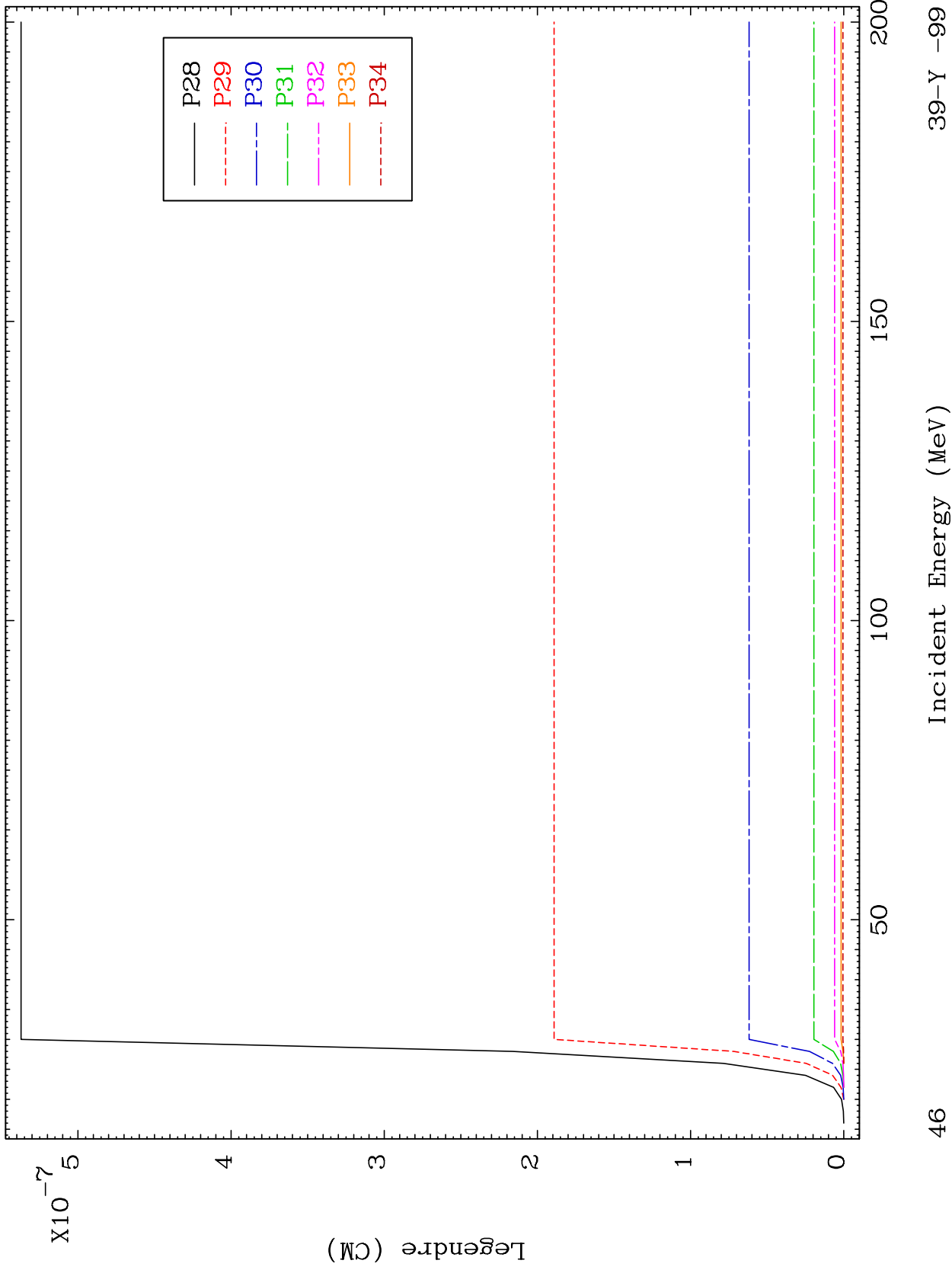
Incident Energy (MeV)

39-Y -99

MAT 3955

624.4 keV (n,n') Level
Legendre Coefficients

39-Y -99



46

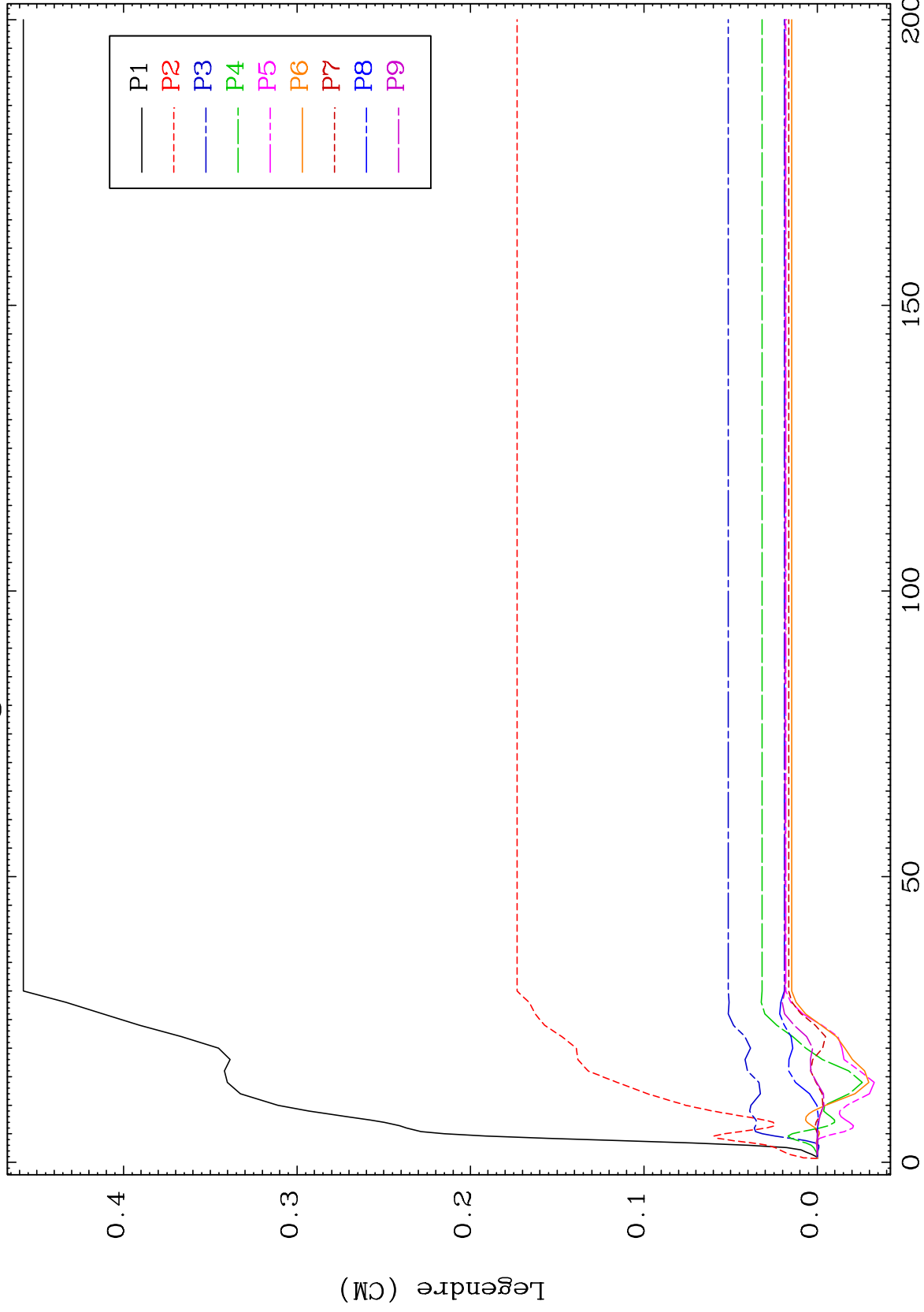
Incident Energy (MeV)

39-Y -99

MAT 3955

656.9 keV (n,n') Level
Legendre Coefficients

39-Y -99



47

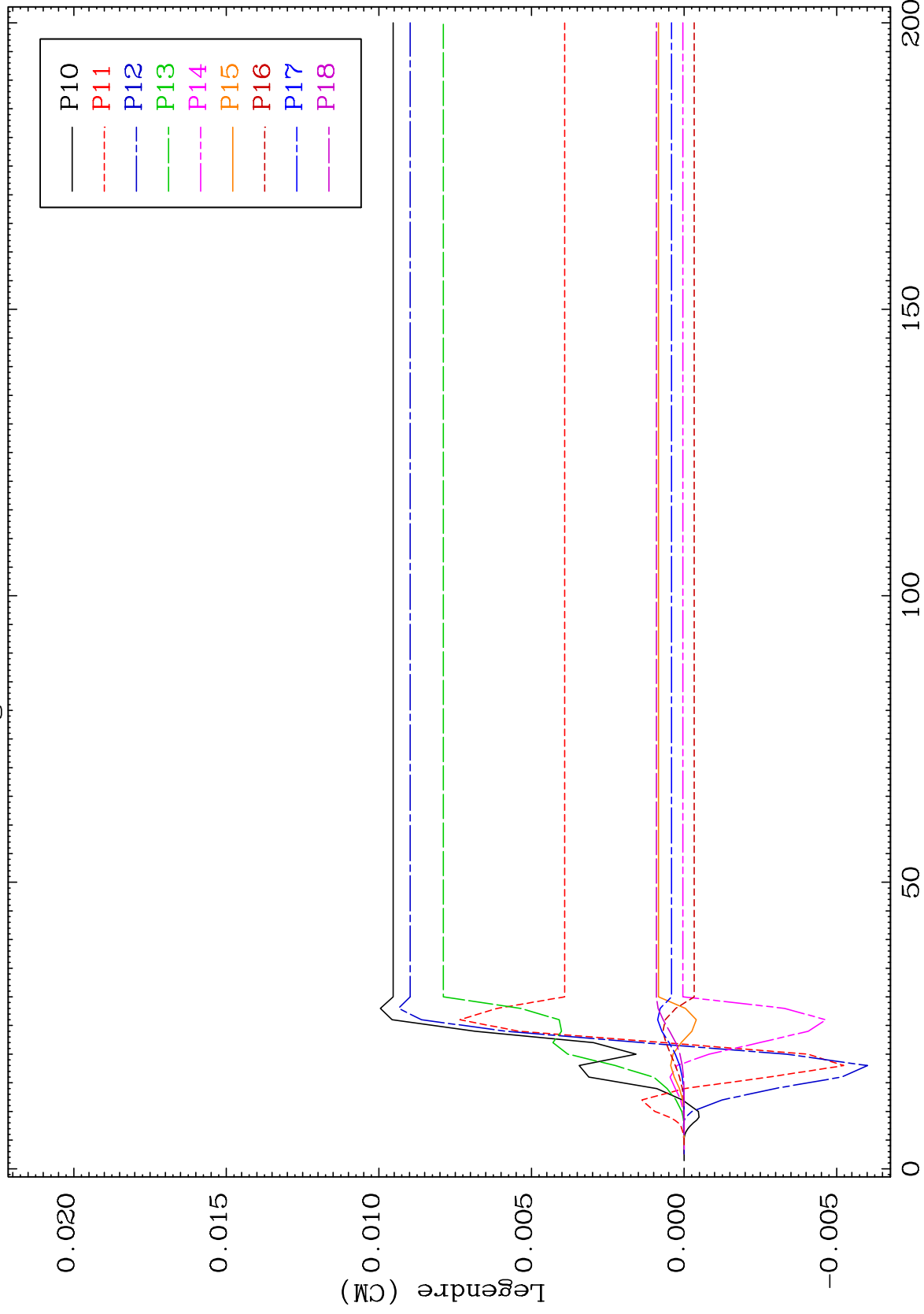
Incident Energy (MeV)

39-Y -99

MAT 3955

656.9 keV (n,n') Level
Legendre Coefficients

39-Y -99



Incident Energy (MeV)

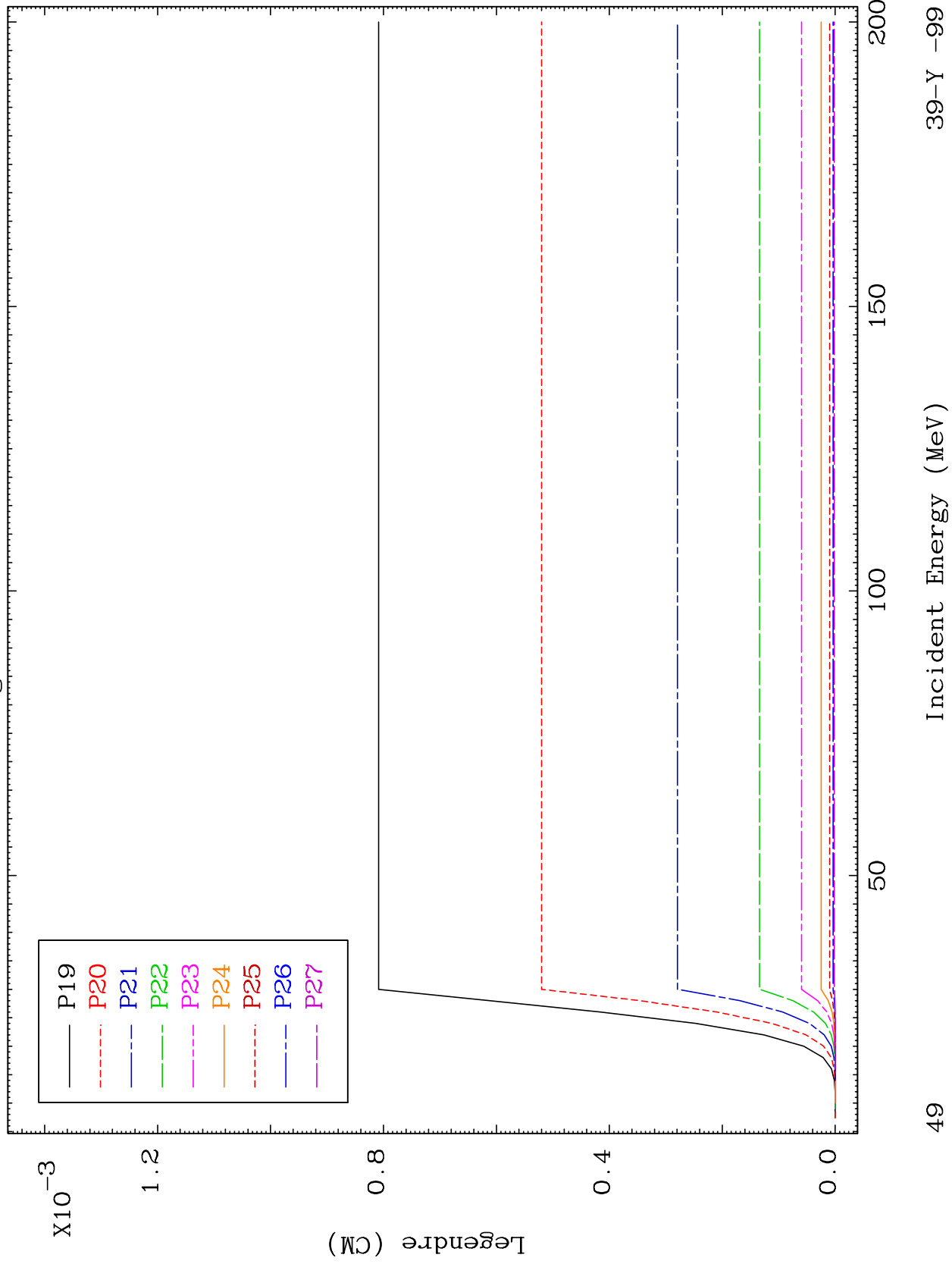
39-Y -99

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MAT 3955

656.9 keV (n,n') Level
Legendre Coefficients

39-Y -99



49

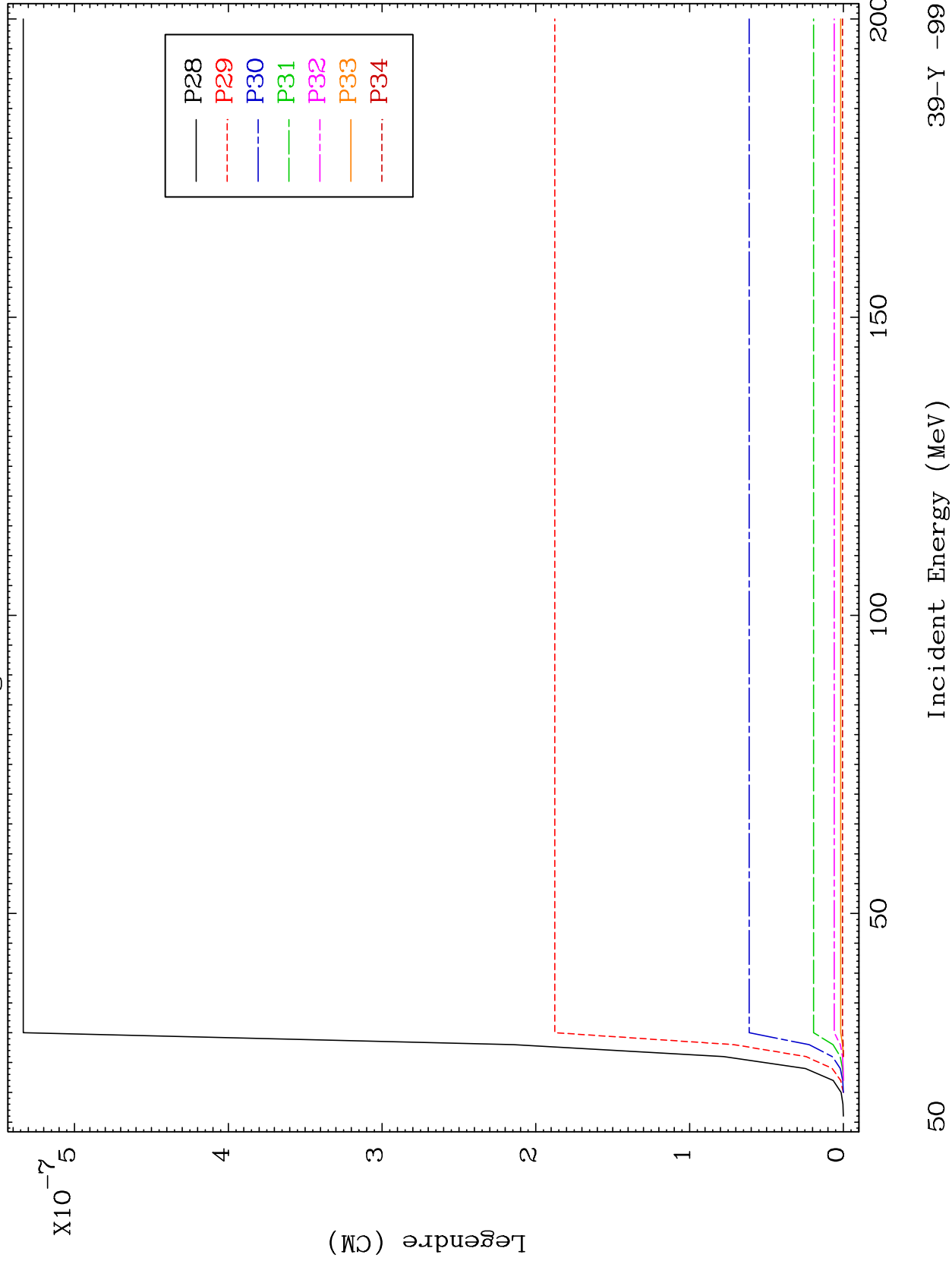
Incident Energy (MeV)

39-Y -99

MAT 3955

656.9 keV (n,n') Level
Legendre Coefficients

39-Y -99

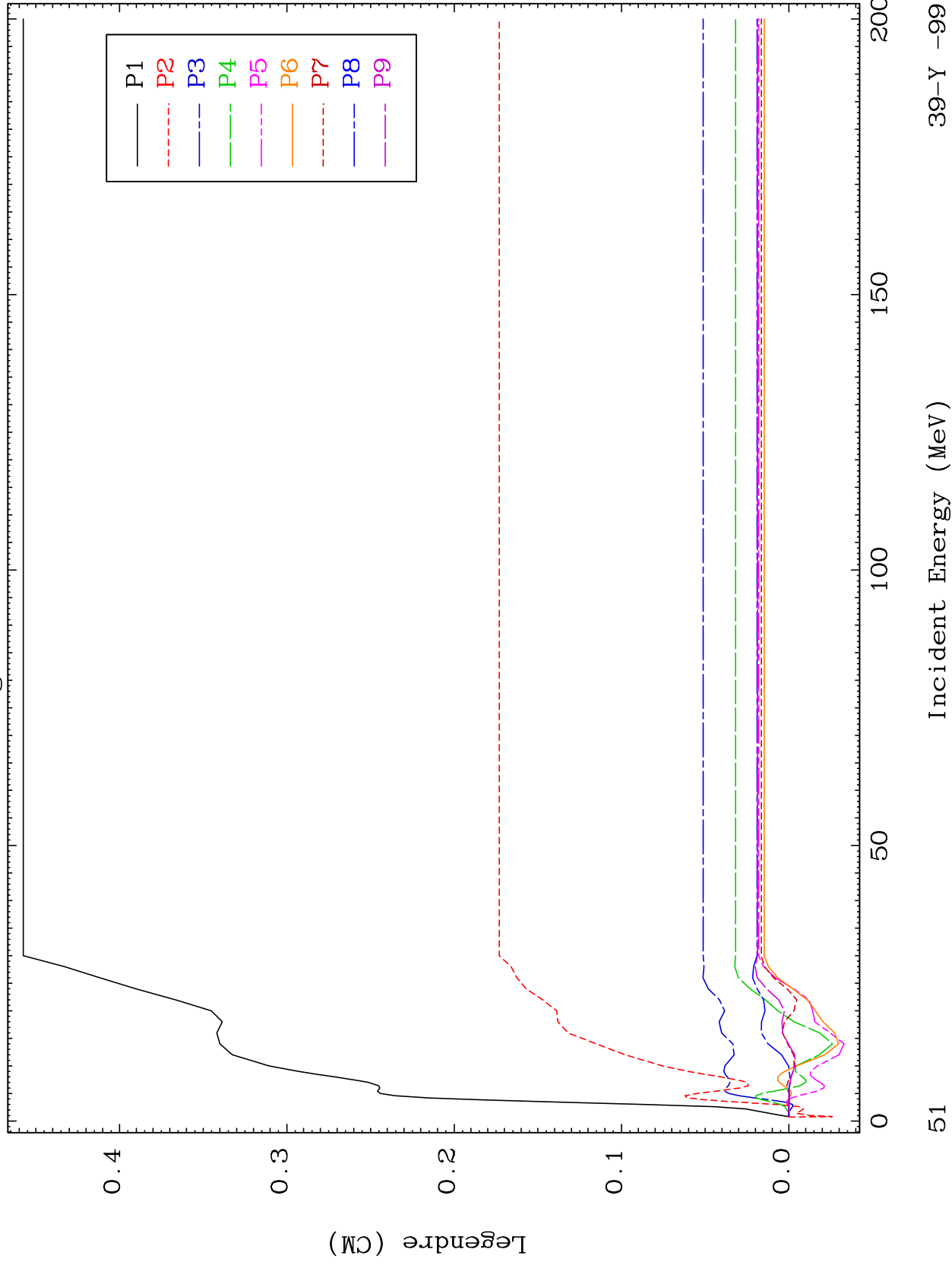


39-Y -99

MAT 3955

706.1 keV (n,n') Level
Legendre Coefficients

39-Y -99



51

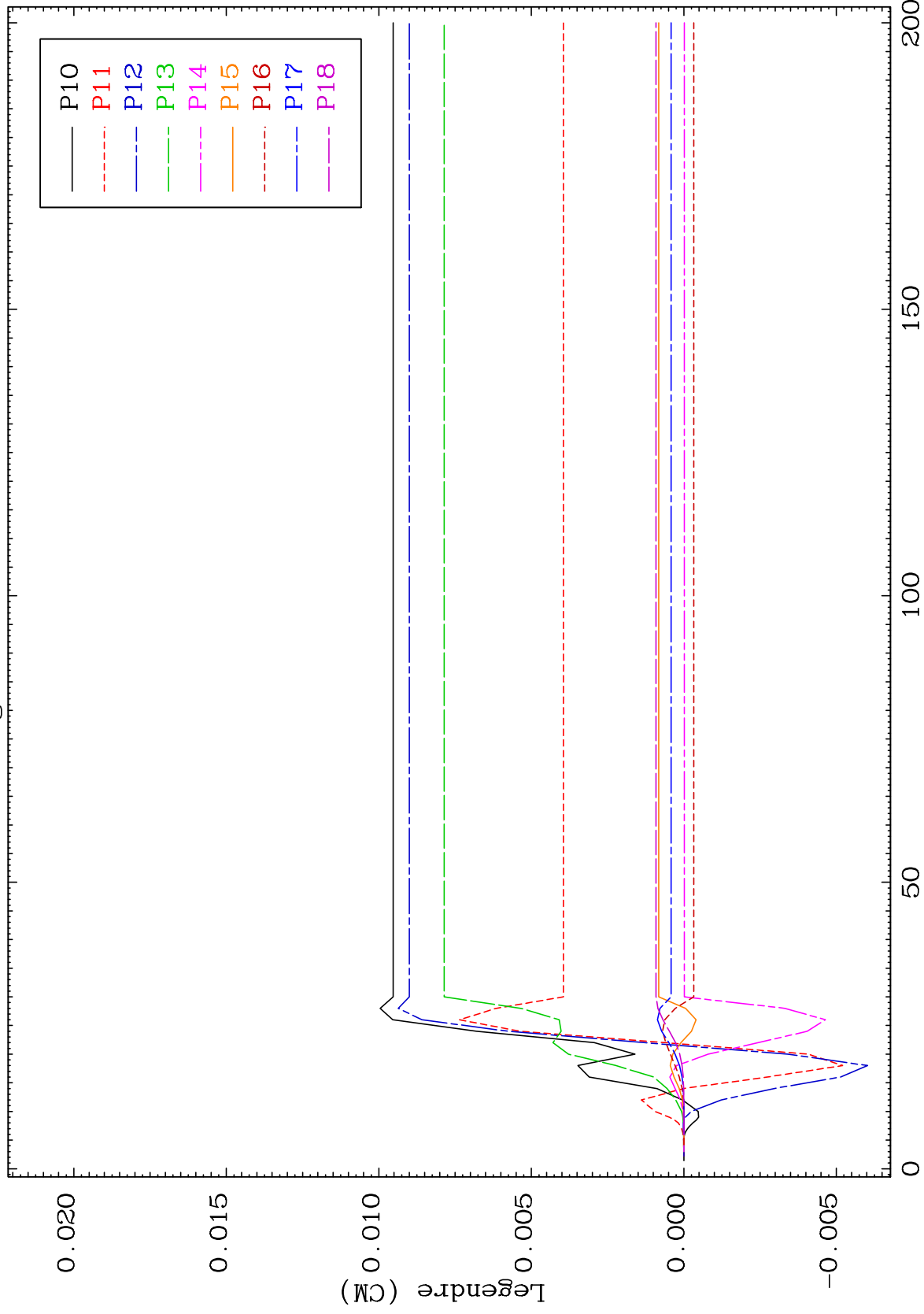
Incident Energy (MeV)

39-Y -99

MAT 3955

706.1 keV (n,n') Level
Legendre Coefficients

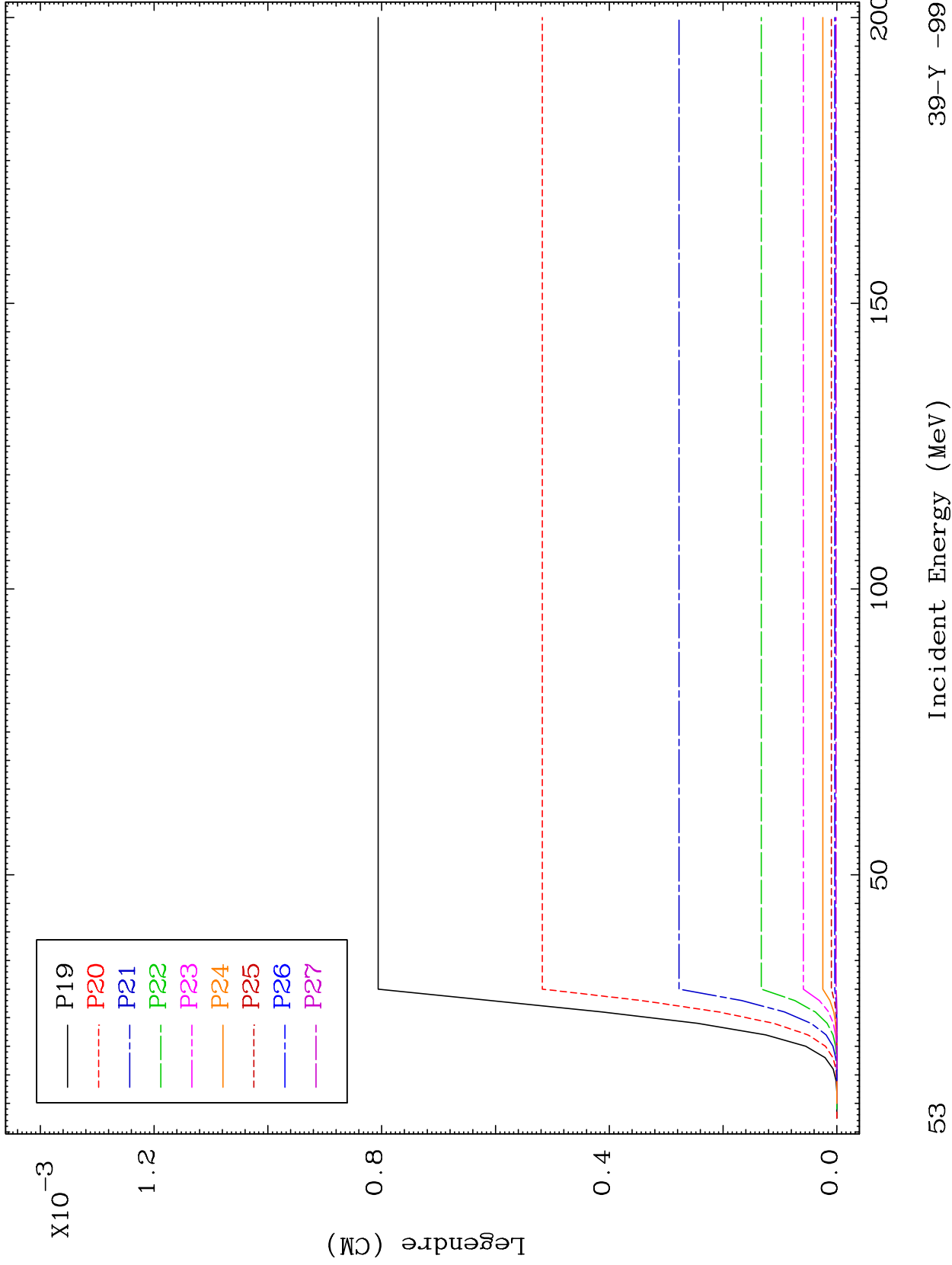
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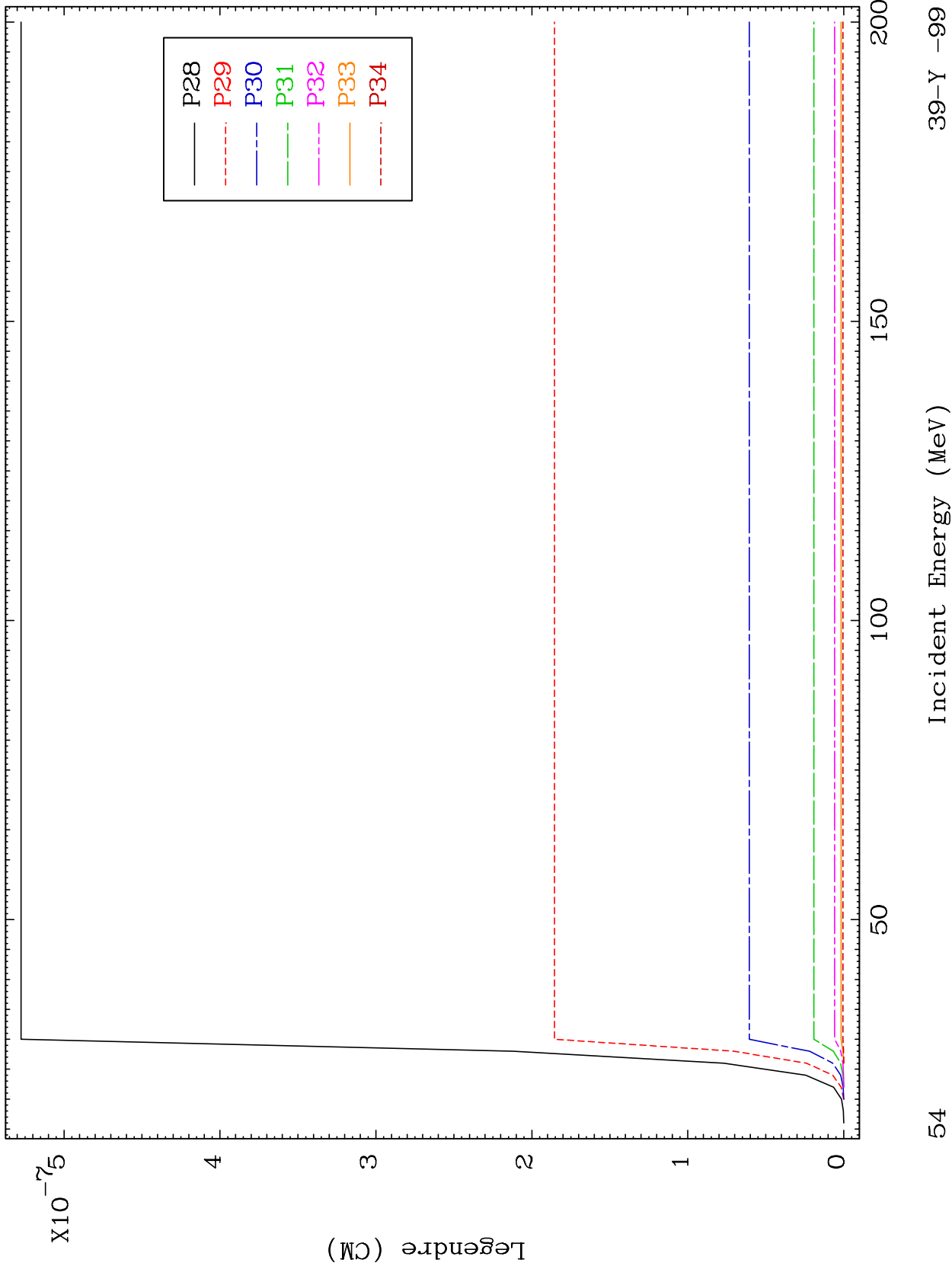


52

Incident Energy (MeV)

39-Y -99

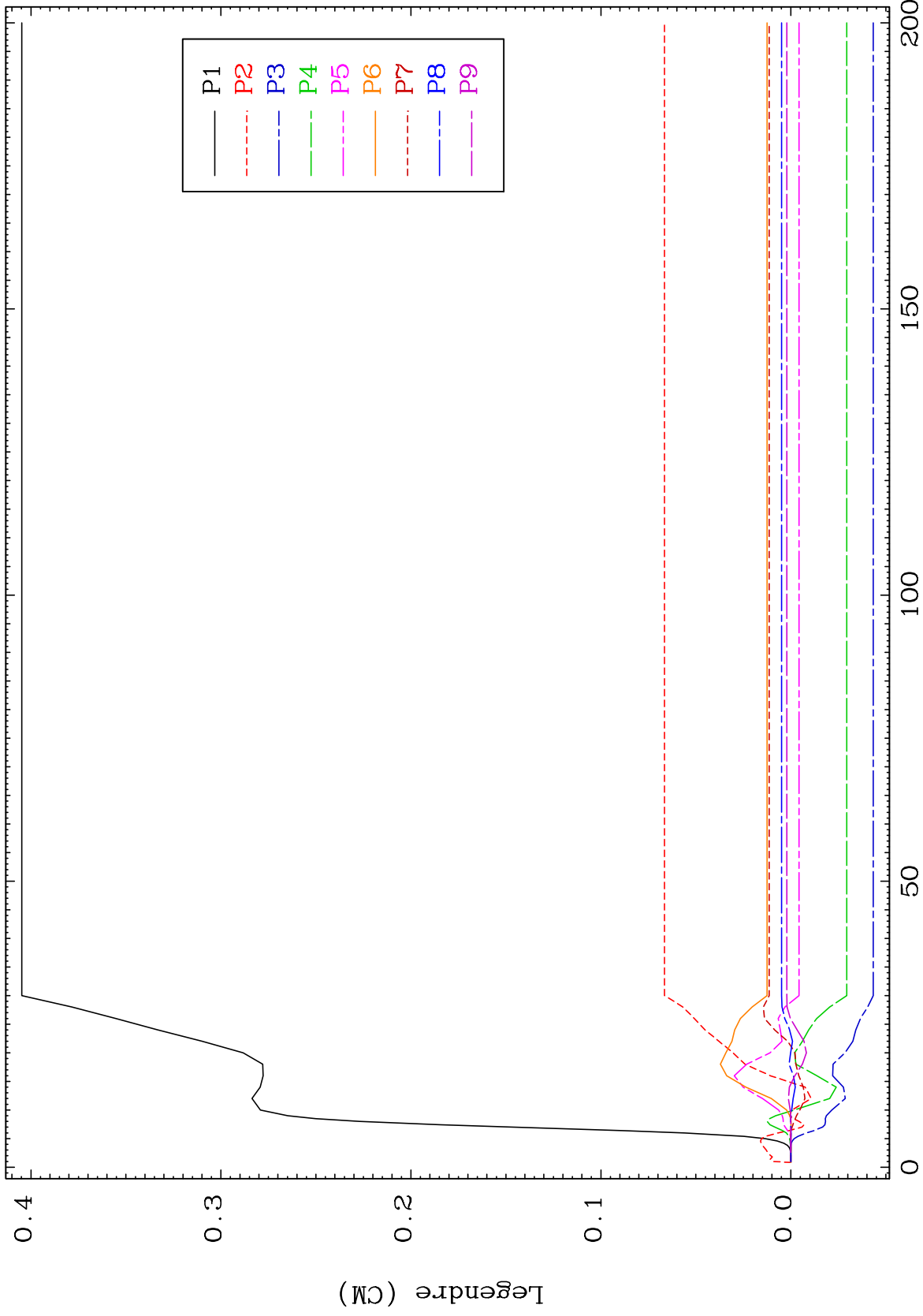




MAT 3955

817.6 keV (n,n') Level
Legendre Coefficients

39-Y -99



55

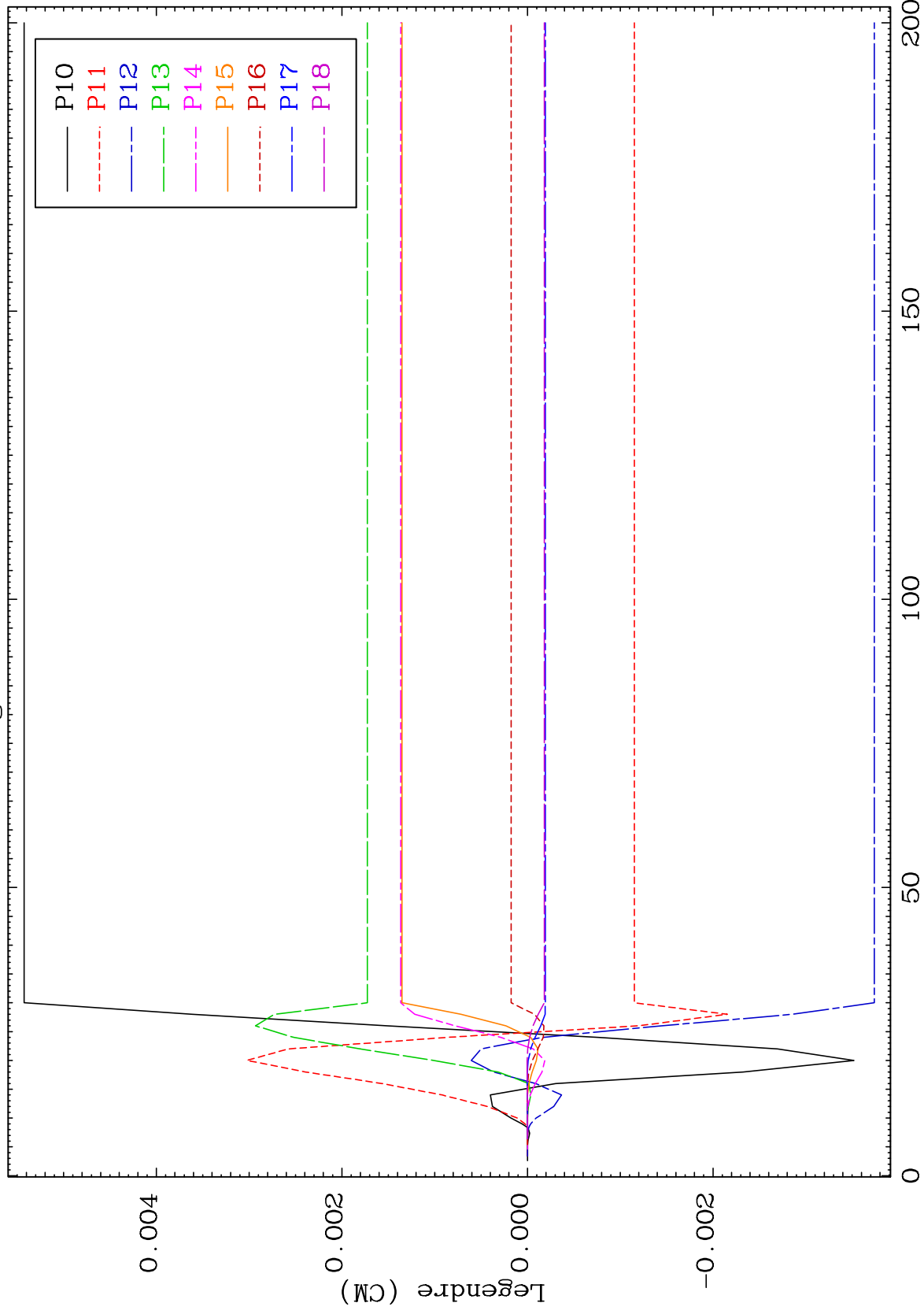
Incident Energy (MeV)

39-Y -99

MAT 3955

817.6 keV (n,n') Level
Legendre Coefficients

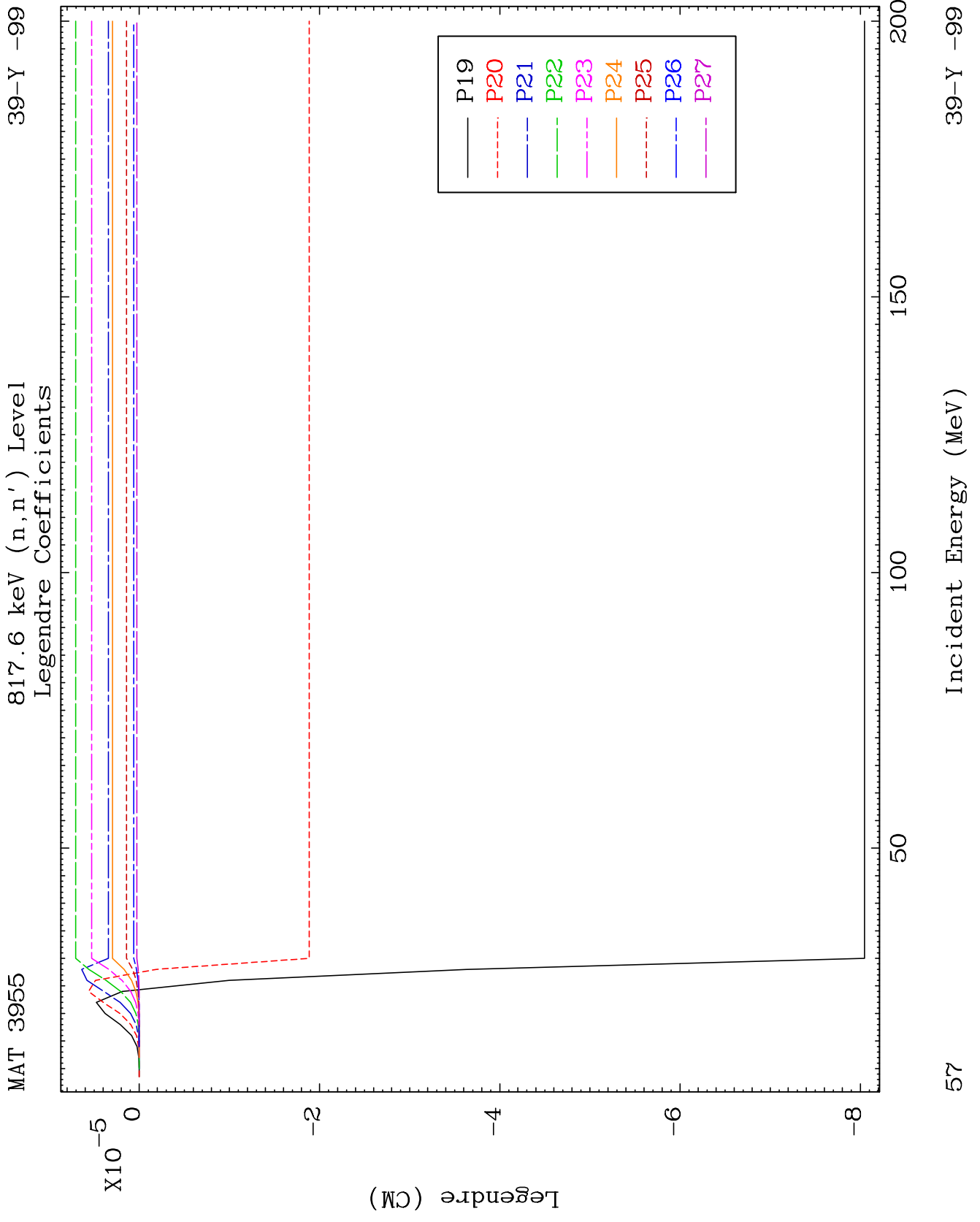
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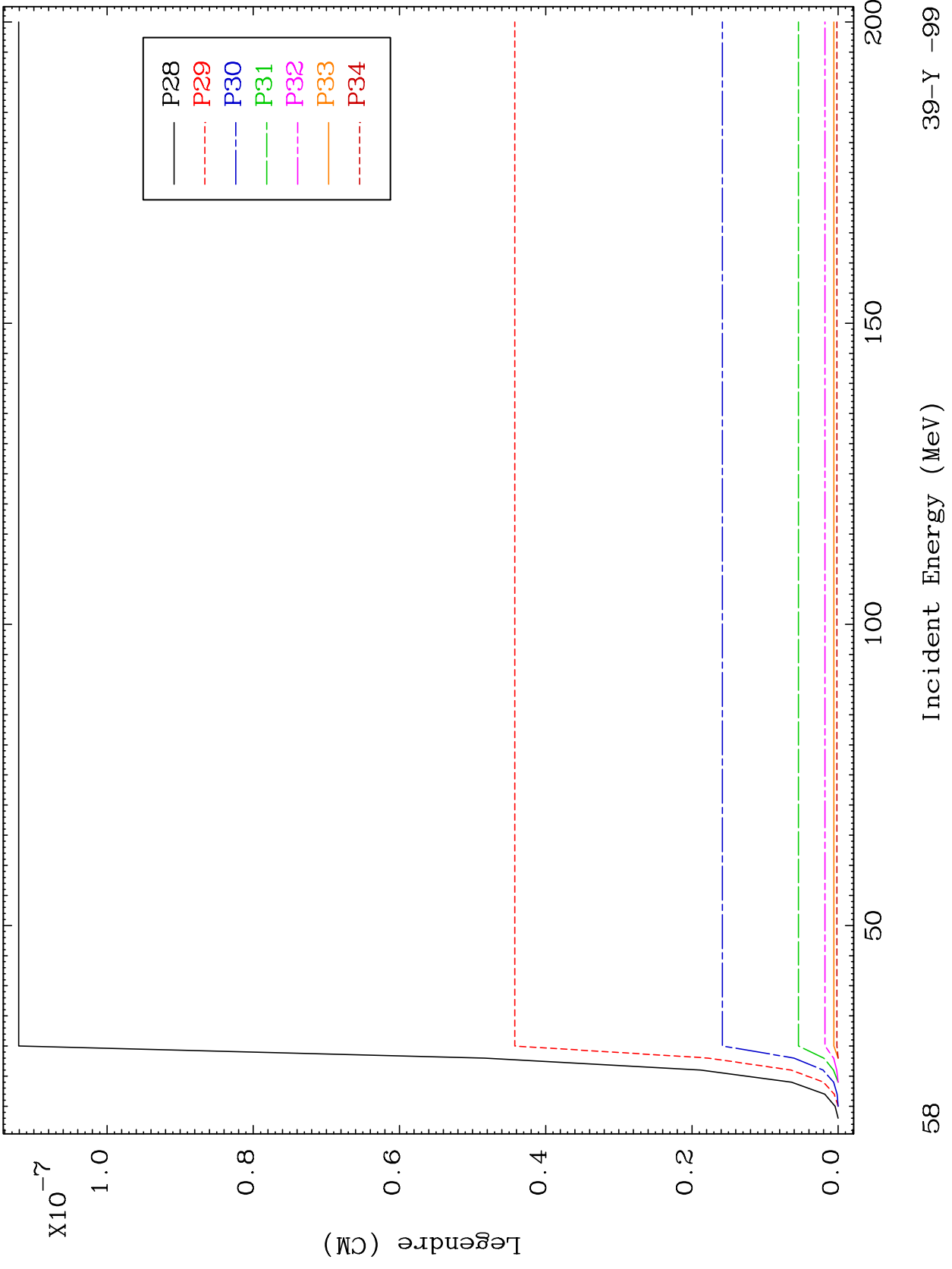
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Incident Energy (MeV)

39-Y -99



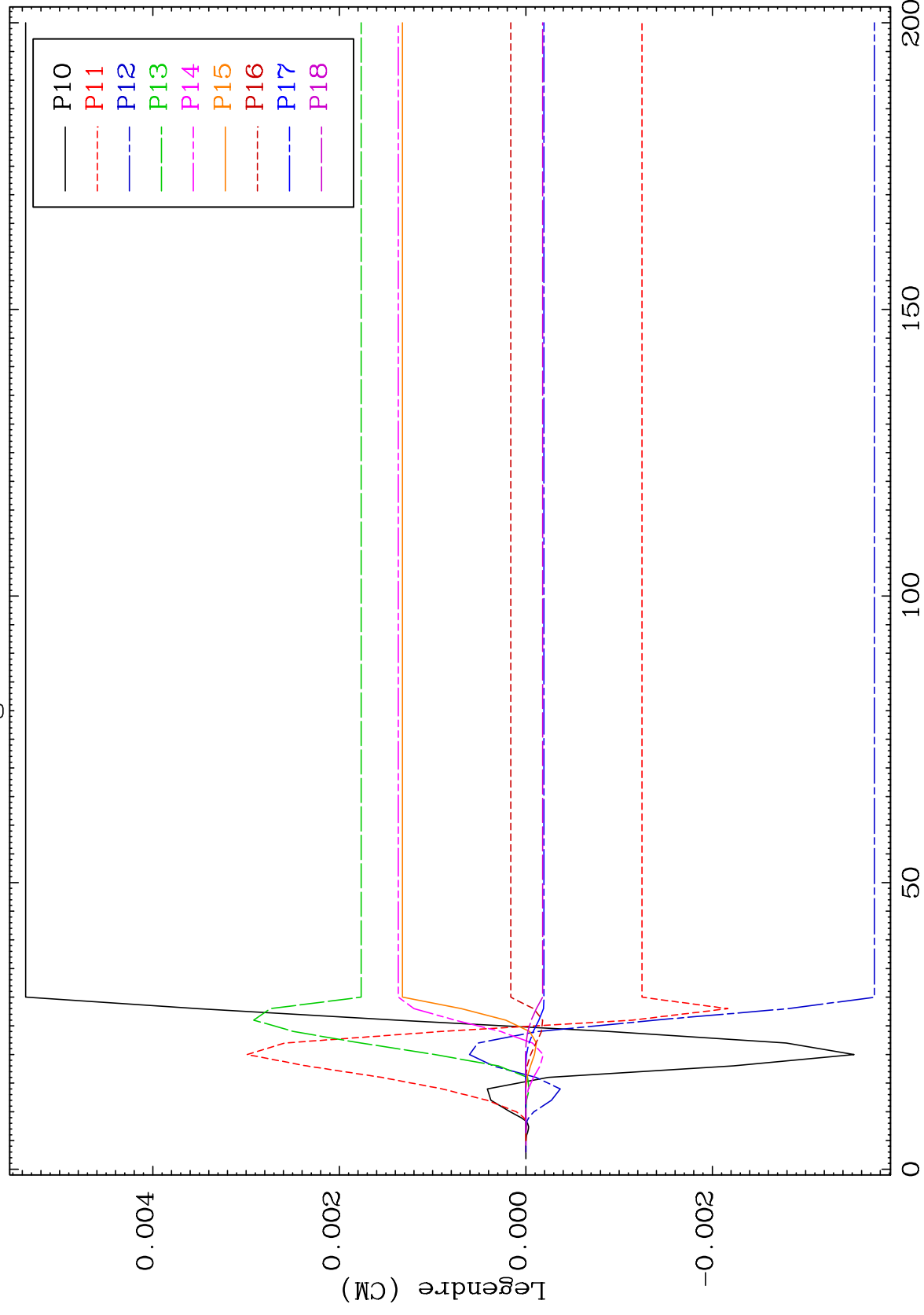
MAT 3955 817.6 keV (n,n') Level Legendre Coefficients 39-Y -99



MAT 3955

975.7 keV (n,n') Level
Legendre Coefficients

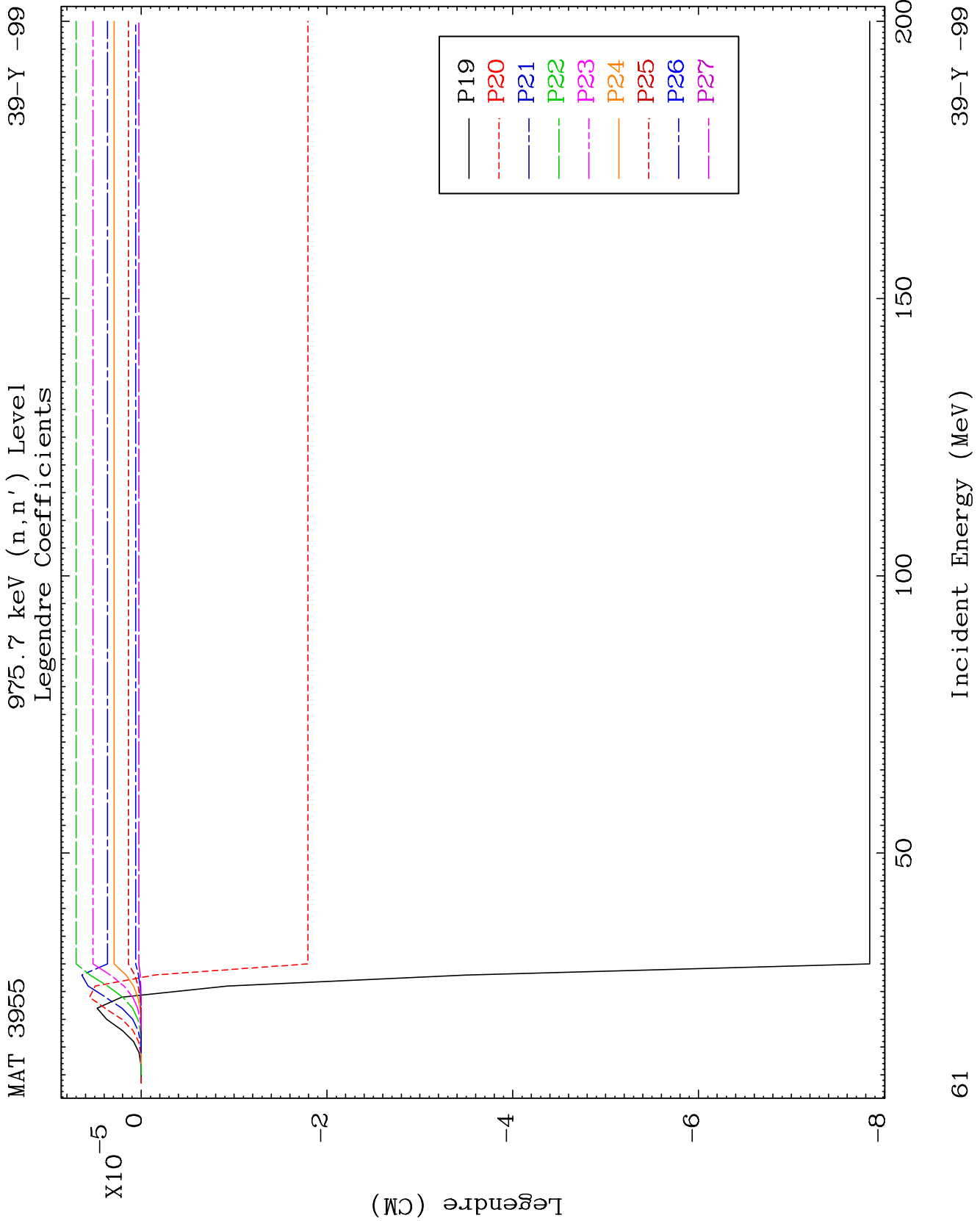
39-Y -99

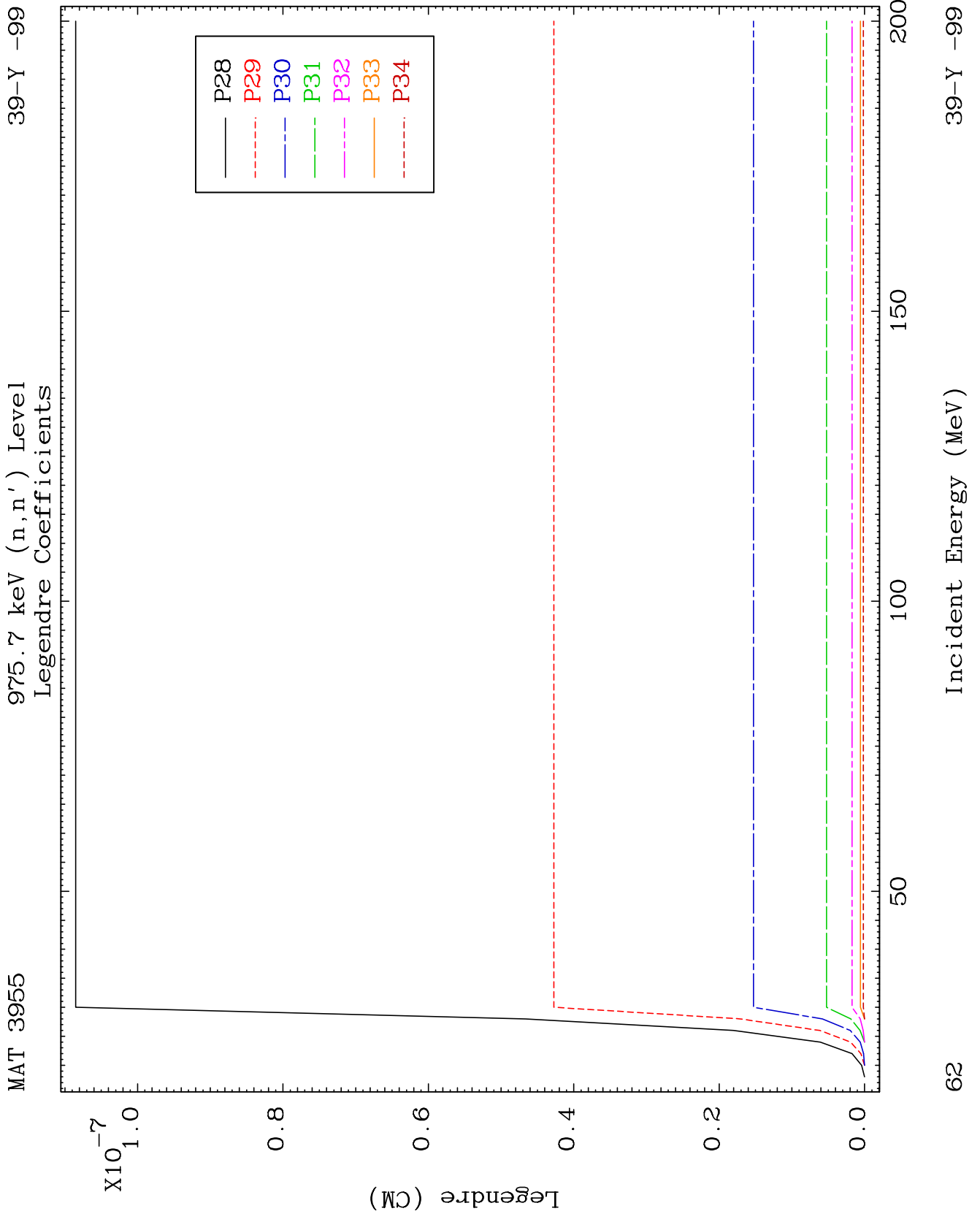


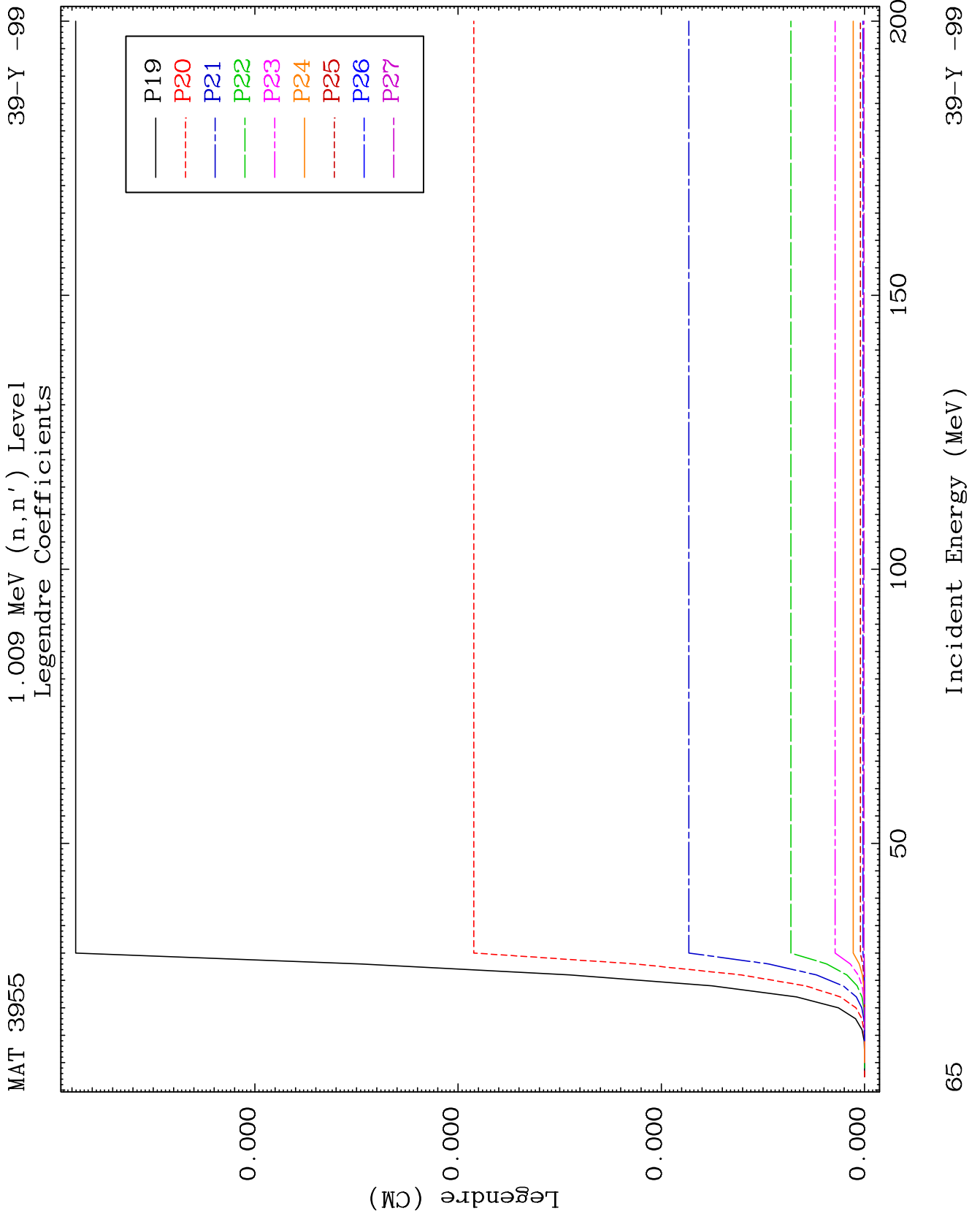
Incident Energy (MeV)

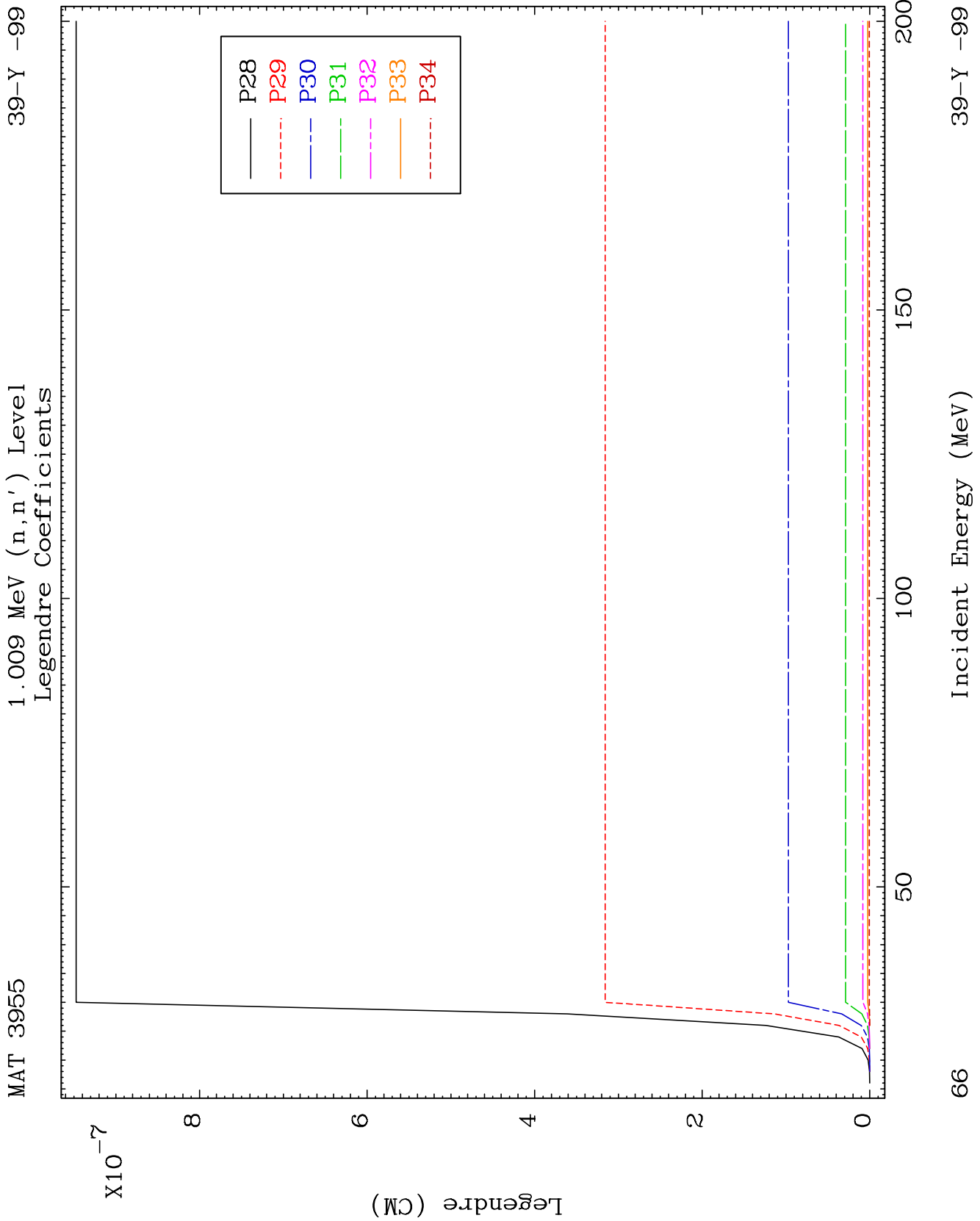
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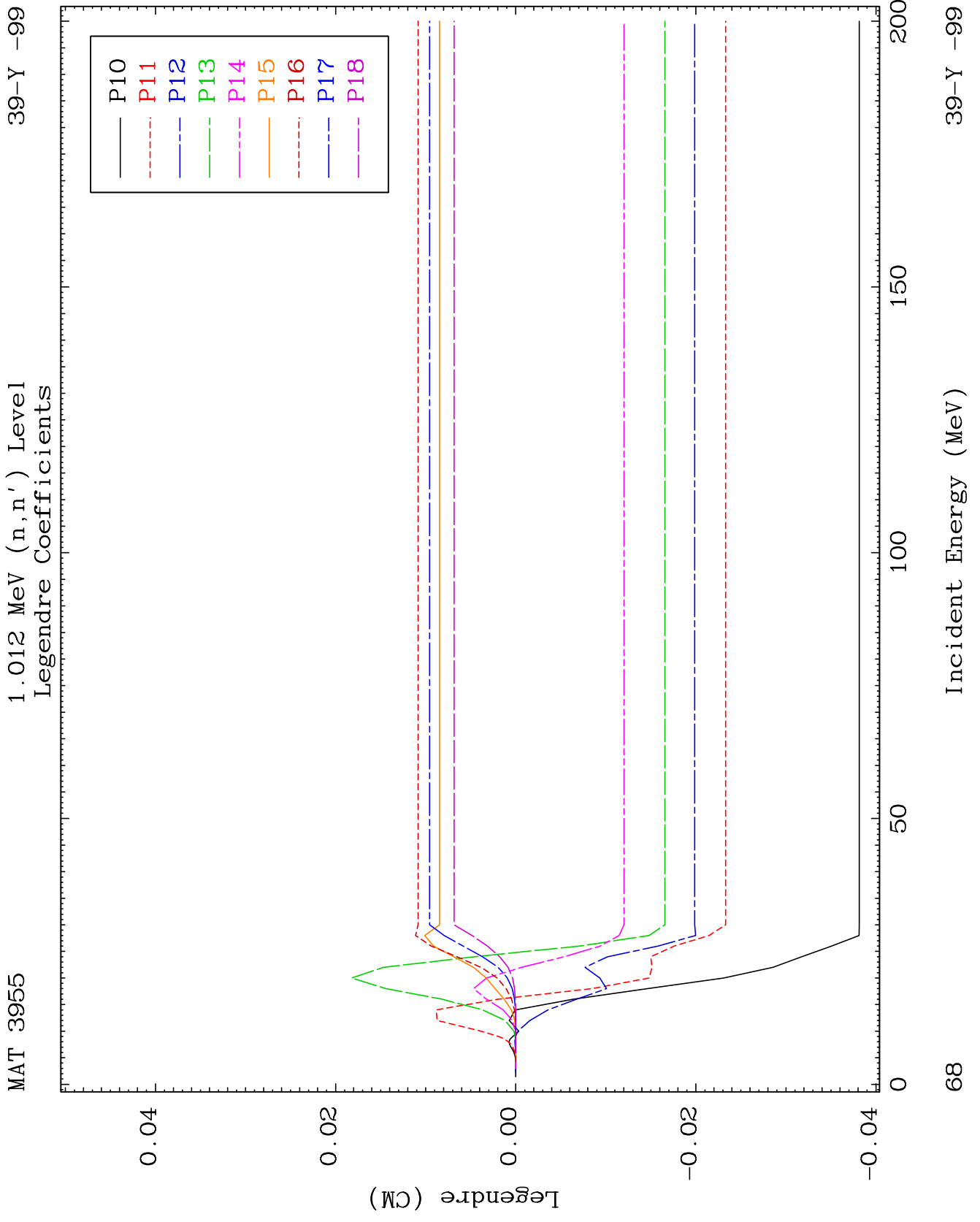
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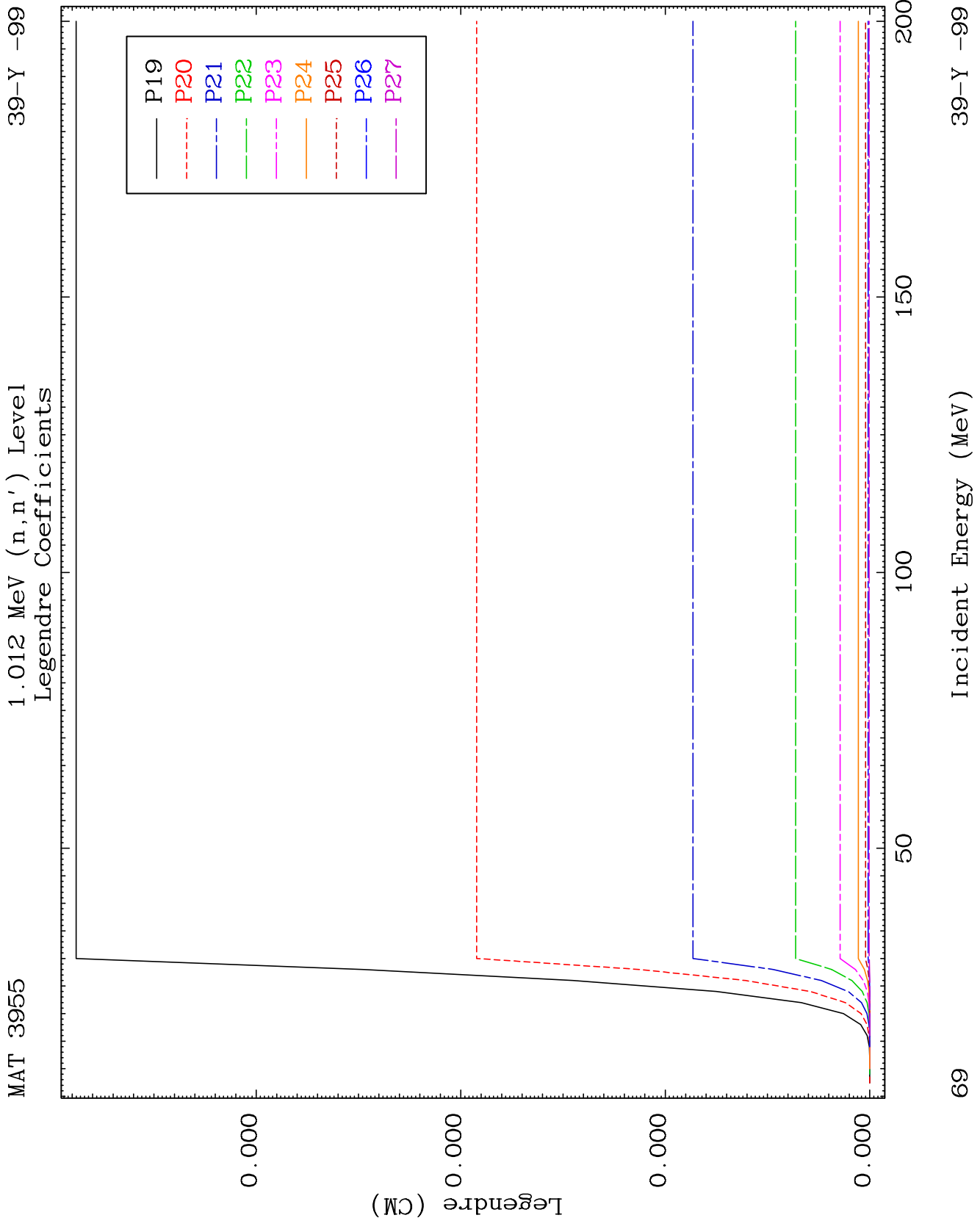








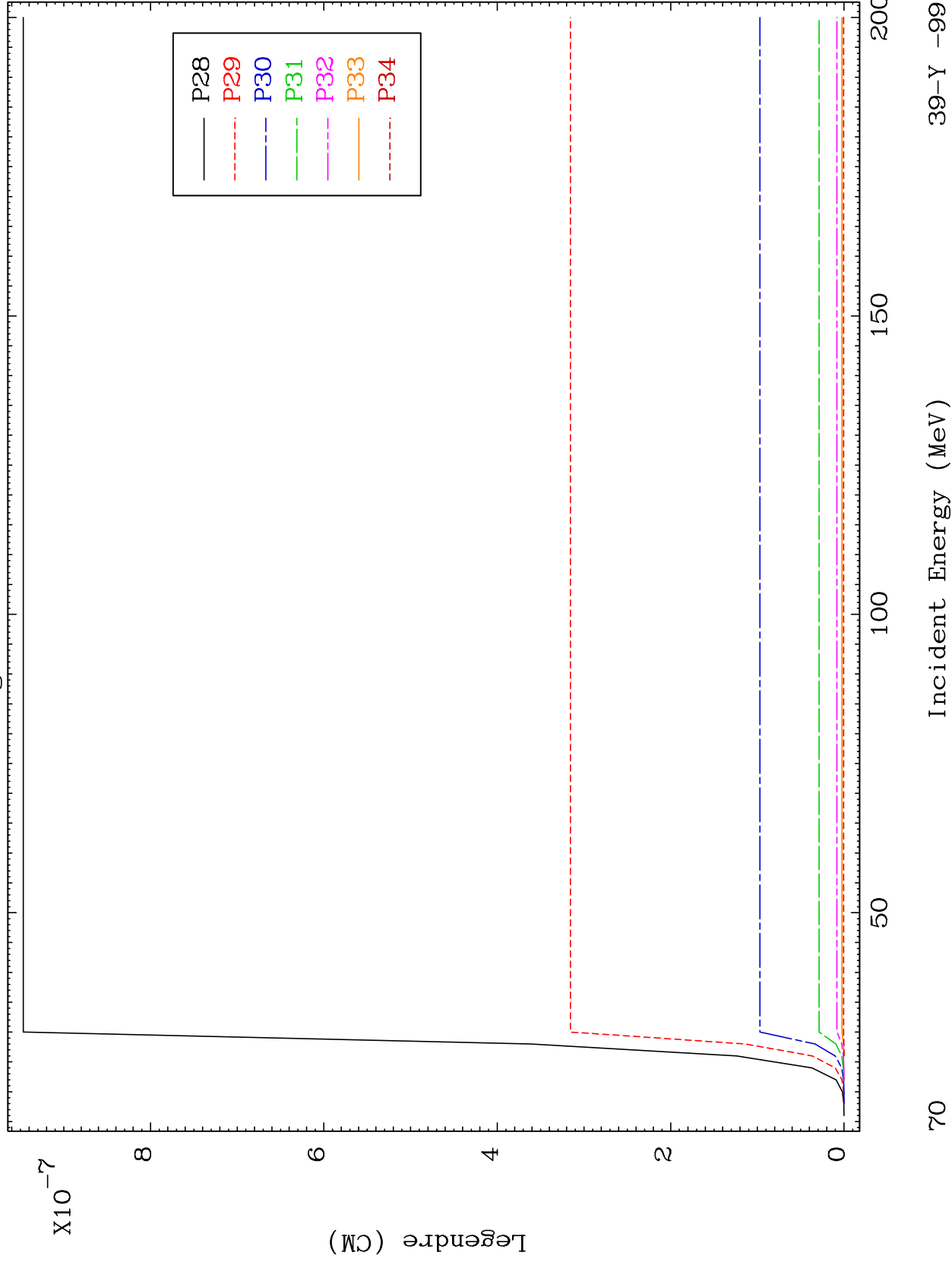


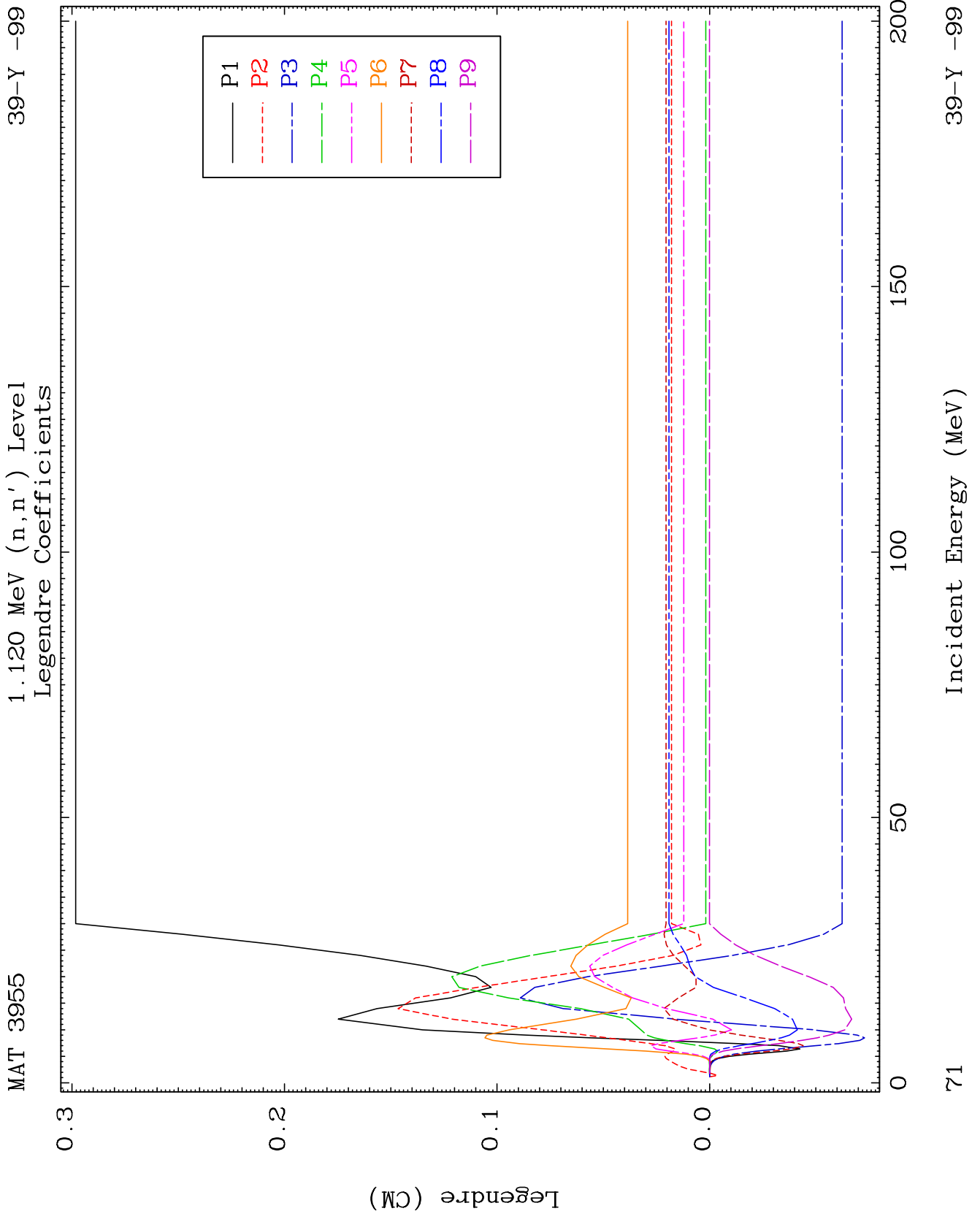


MAT 3955

1.012 MeV (n,n') Level
Legendre Coefficients

39-Y -99

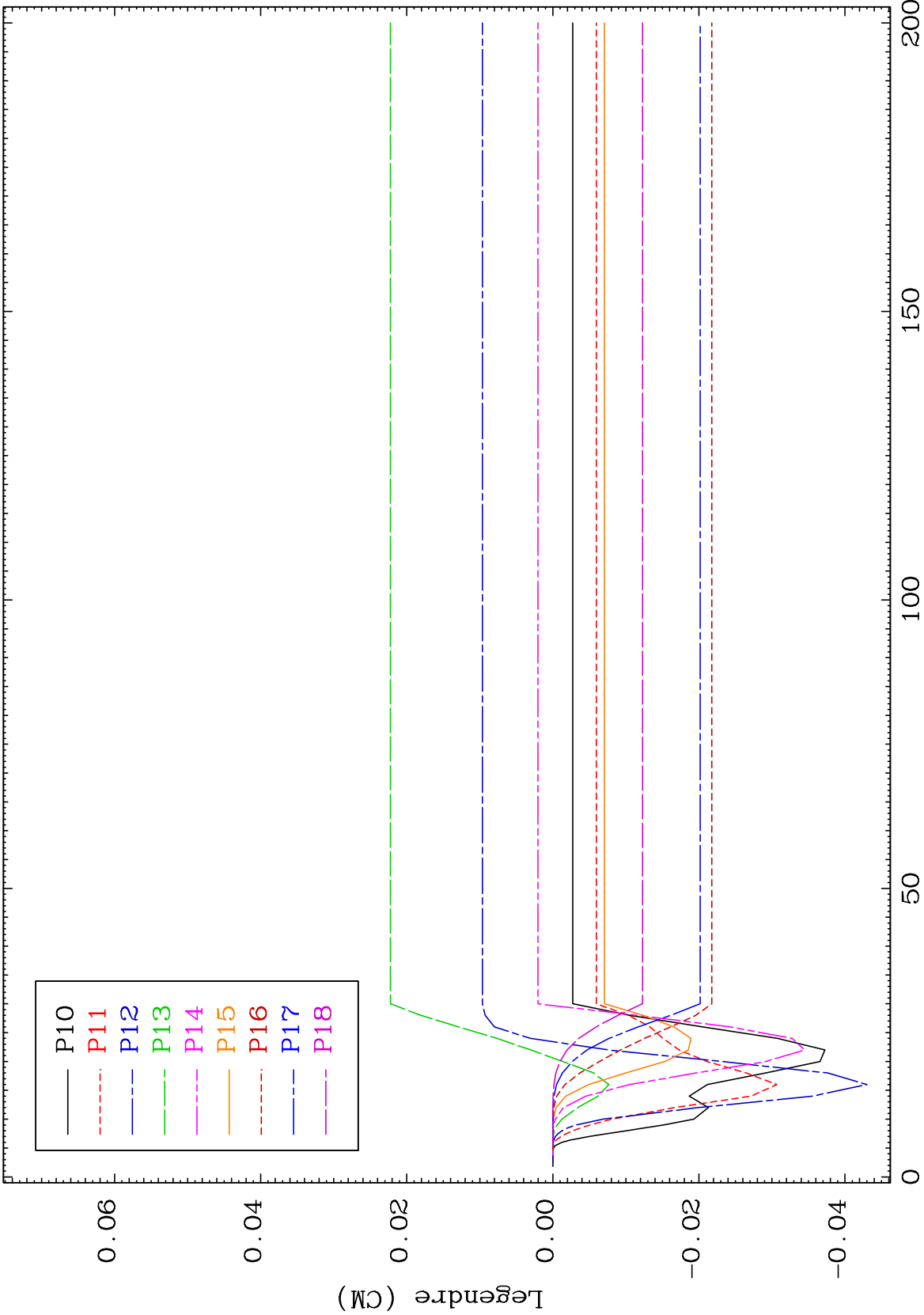




MAT 3955

1.120 MeV (n,n') Level
Legendre Coefficients

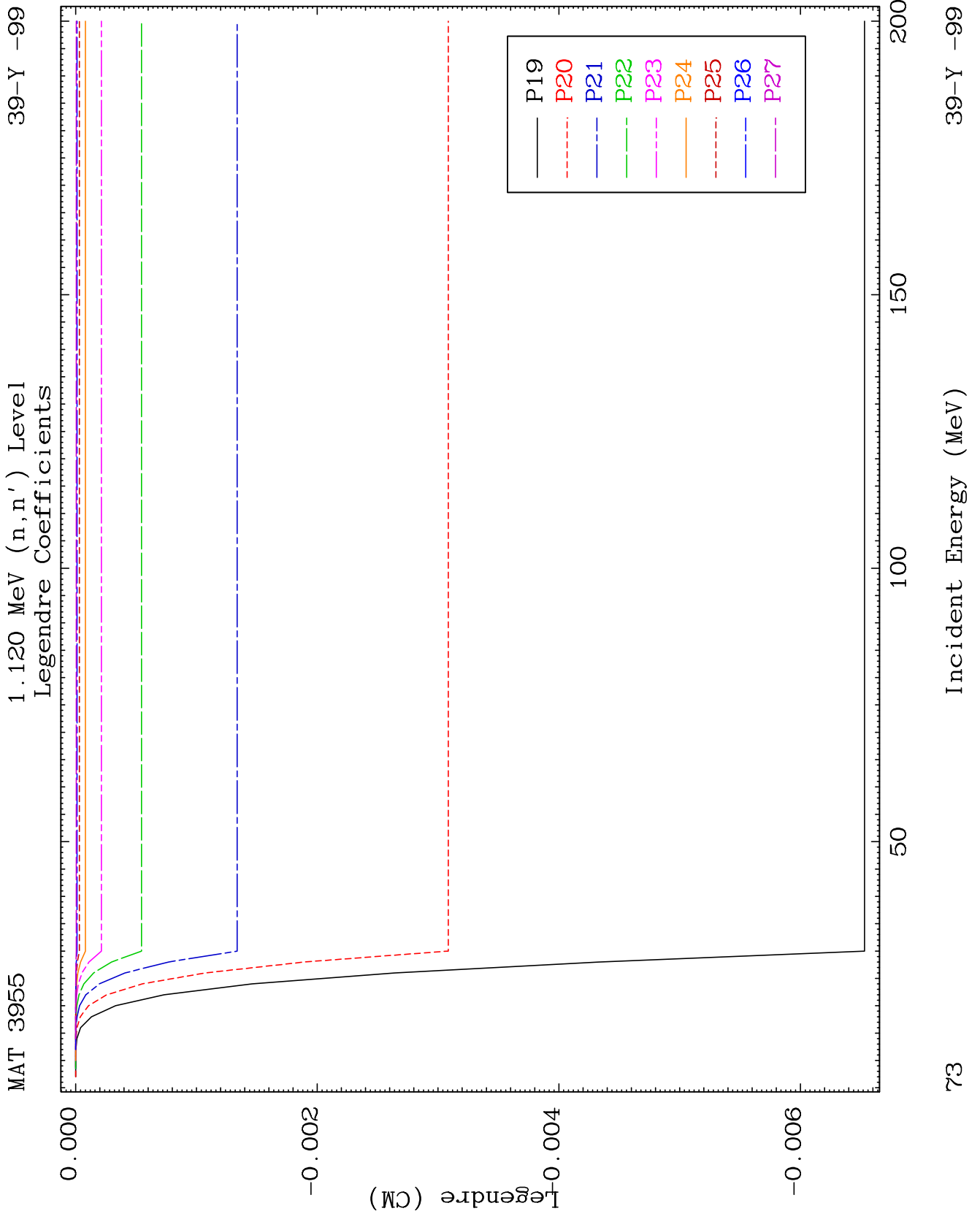
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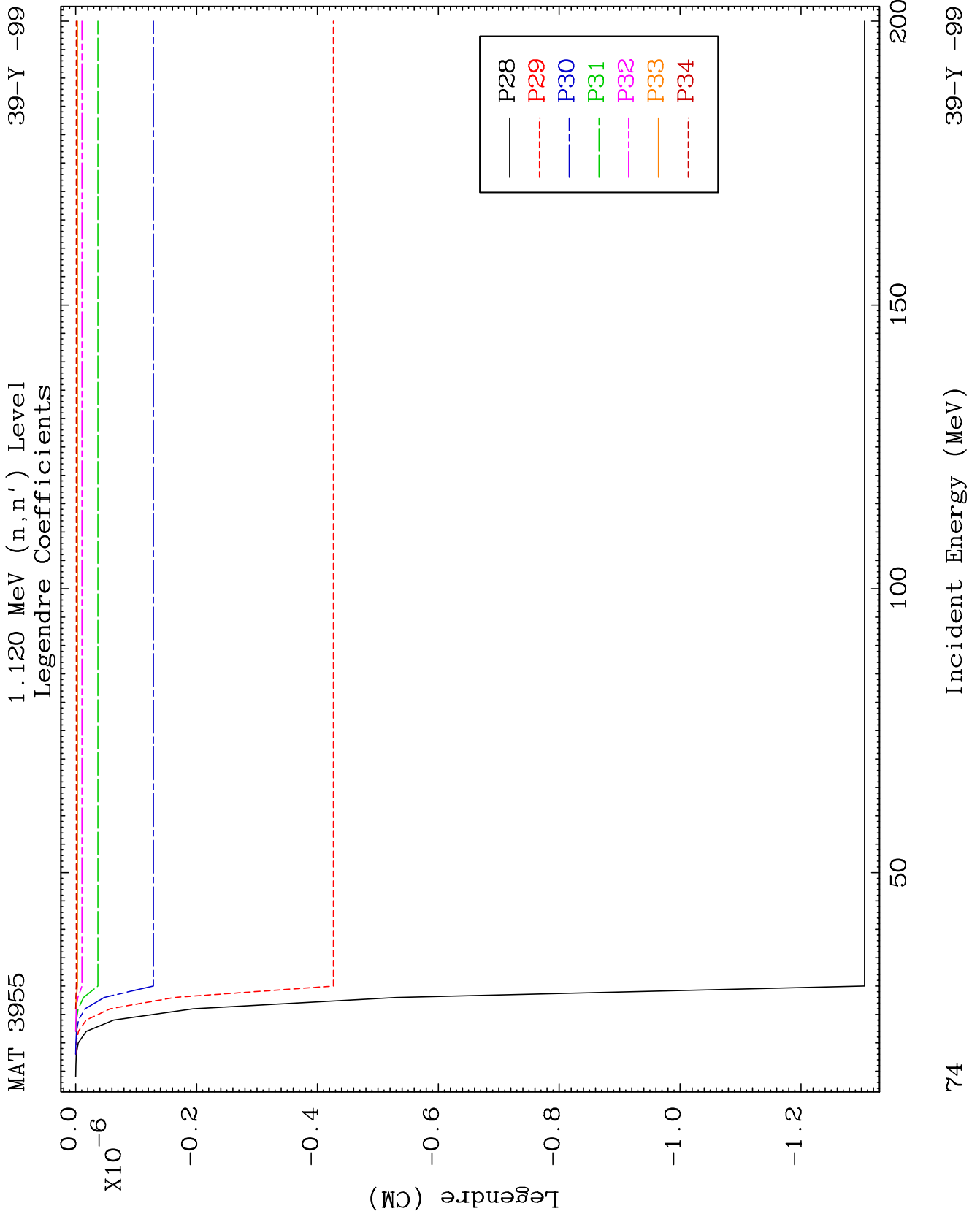


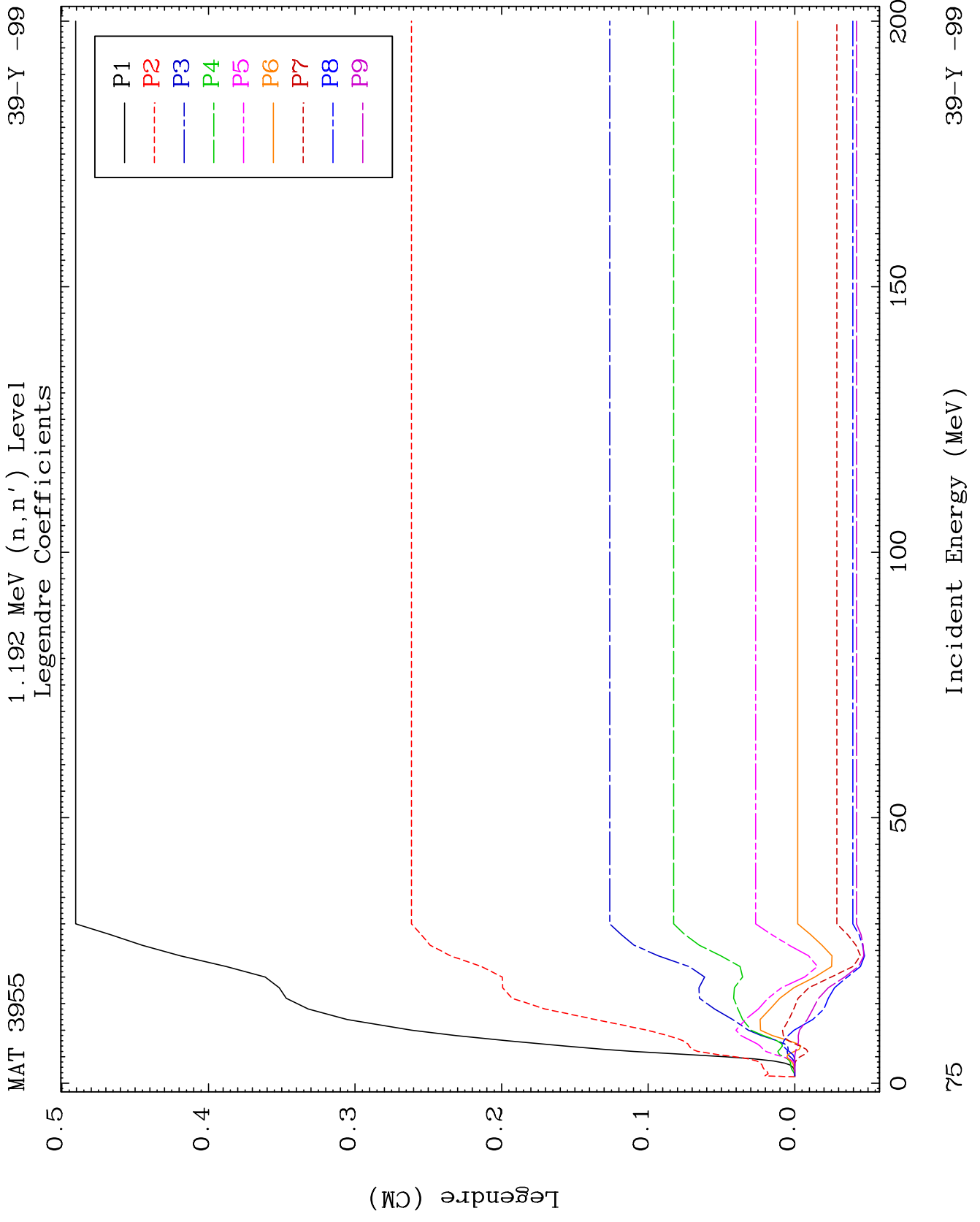
72

Incident Energy (MeV)

39-Y -99



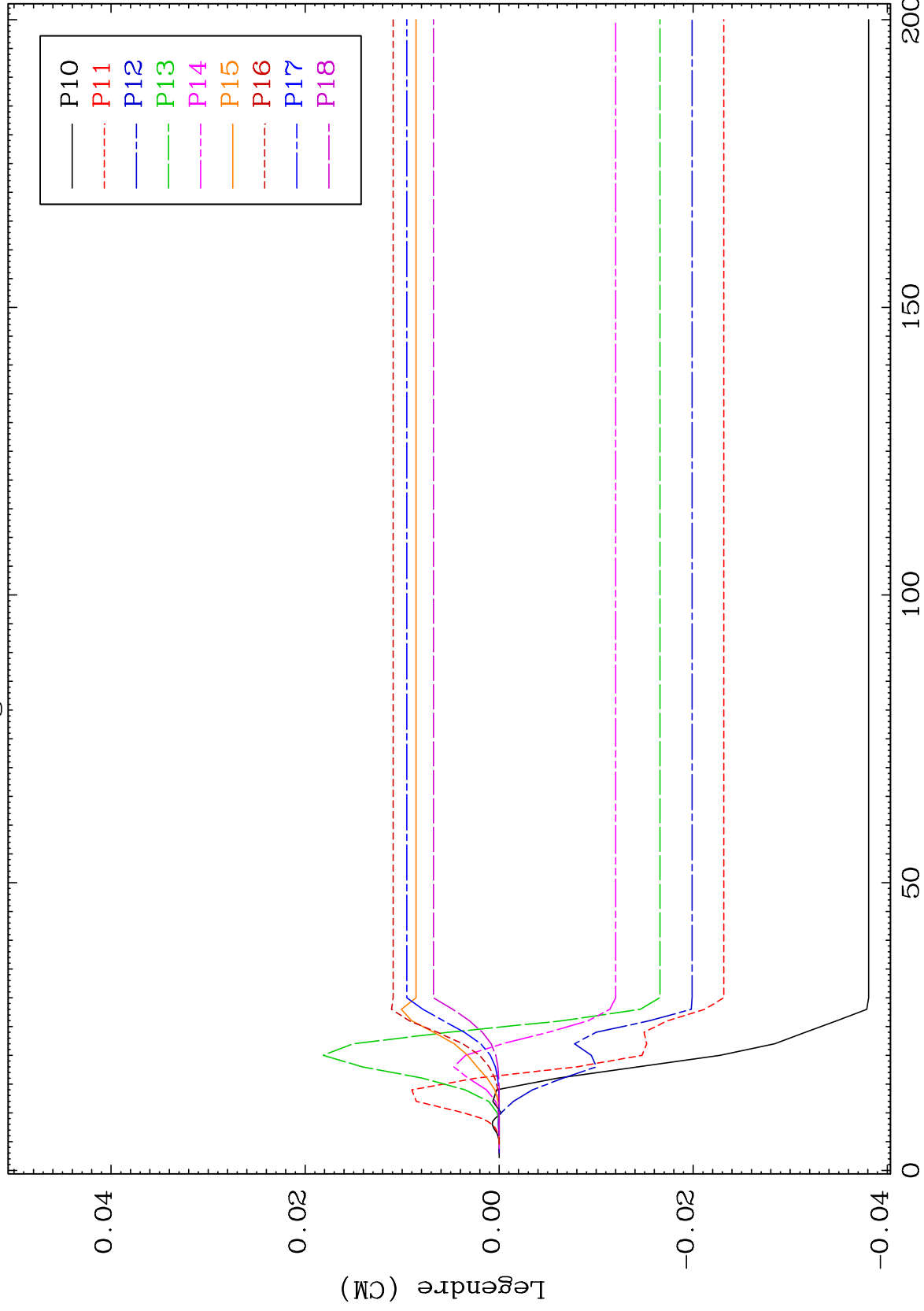




MAT 3955

1.192 MeV (n,n') Level
Legendre Coefficients

39-Y -99



76

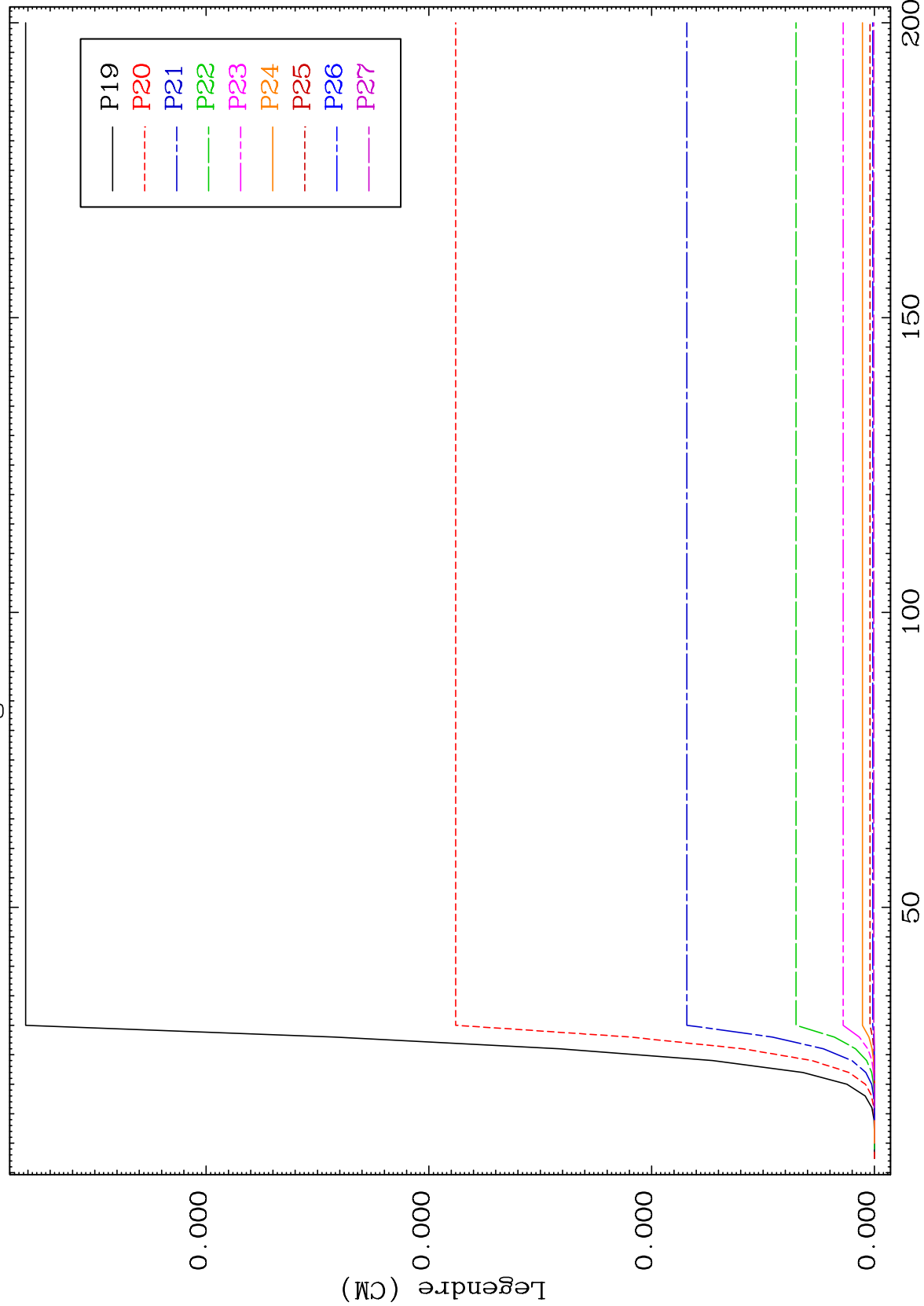
Incident Energy (MeV)

39-Y -99

MAT 3955

1.192 MeV (n,n') Level Legendre Coefficients

39-Y -99



77

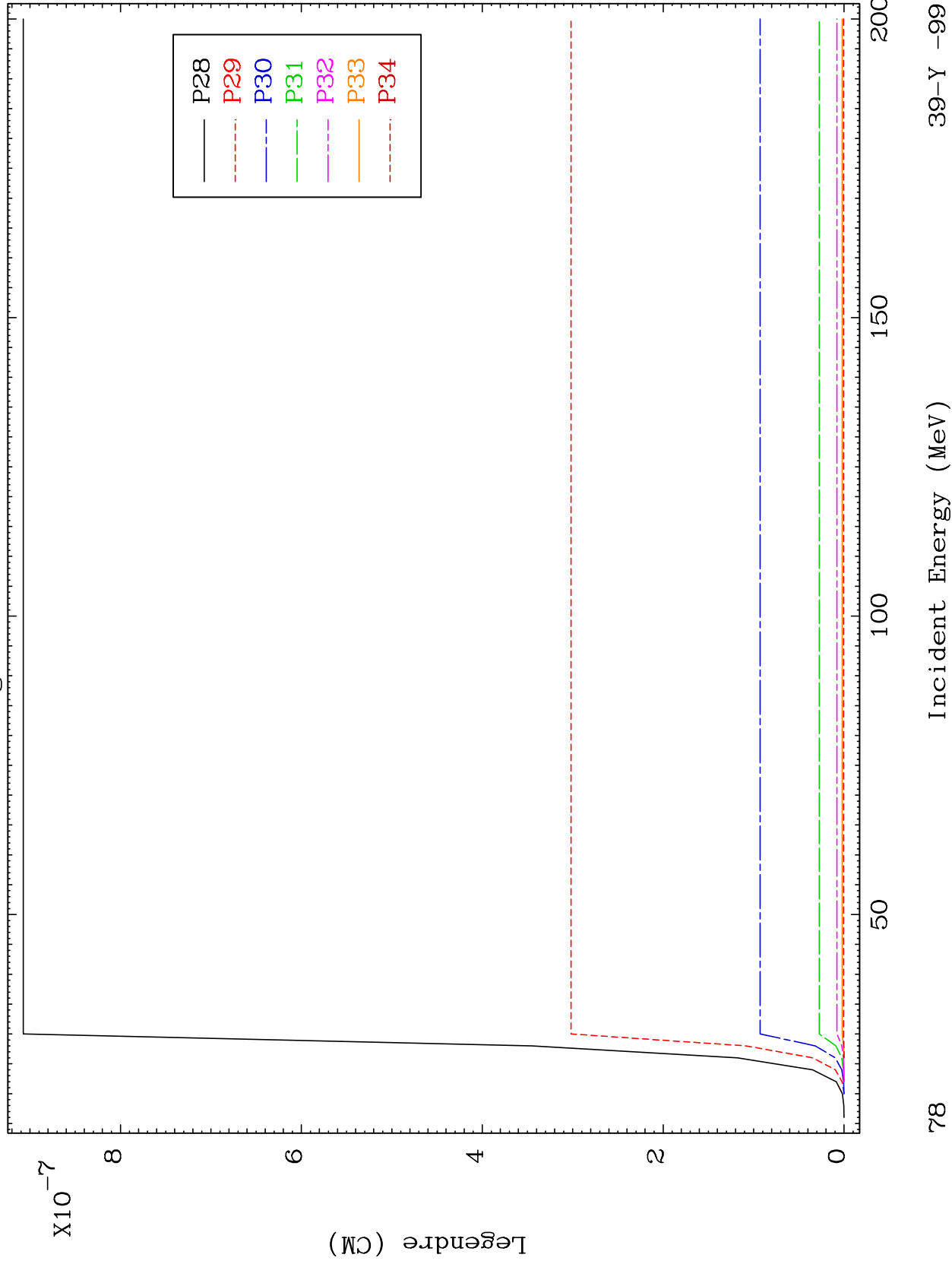
Incident Energy (MeV)

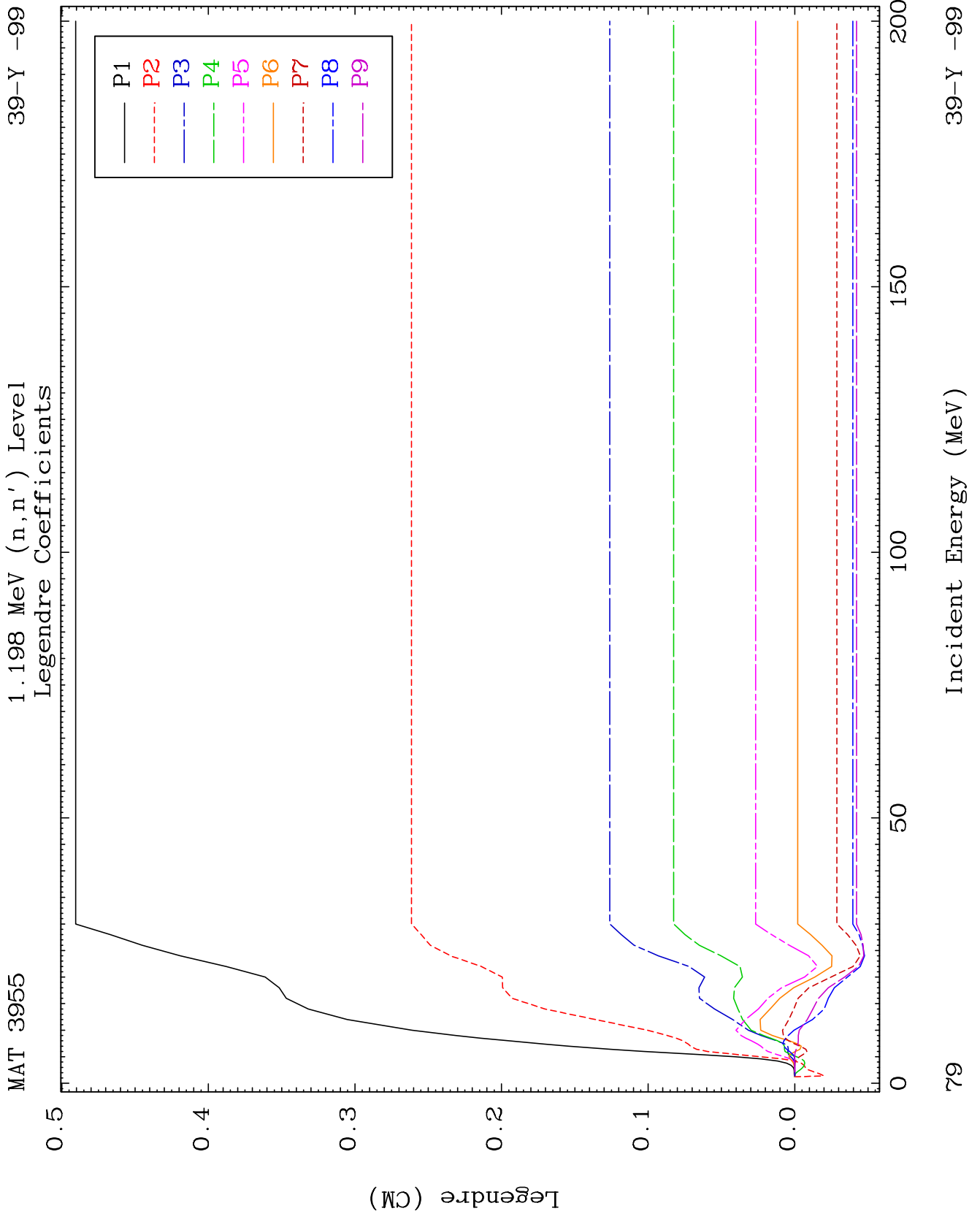
39-Y -99

MAT 3955

1.192 MeV (n,n') Level
Legendre Coefficients

39-Y -99

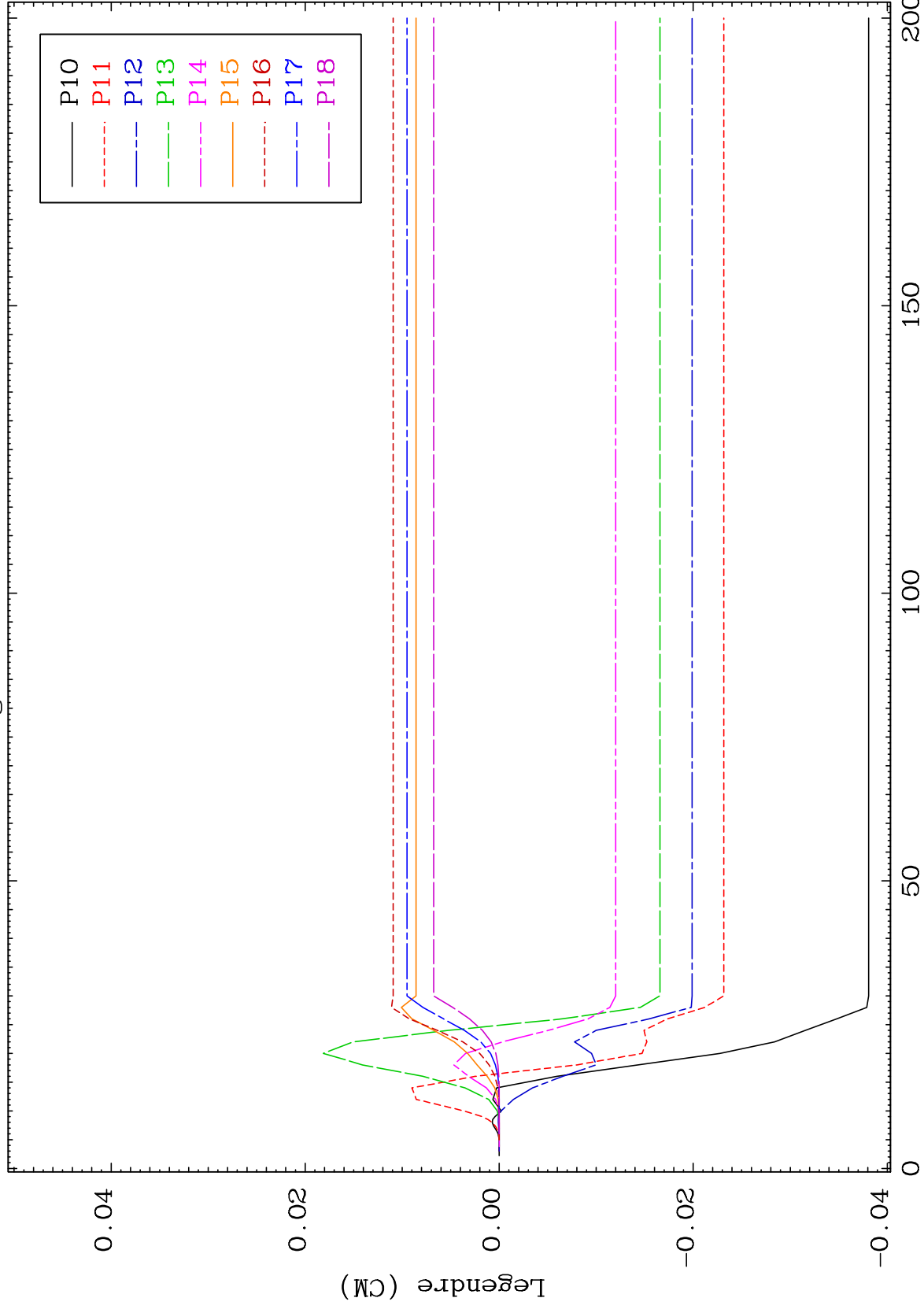




MAT 3955

1.198 MeV (n,n') Level
Legendre Coefficients

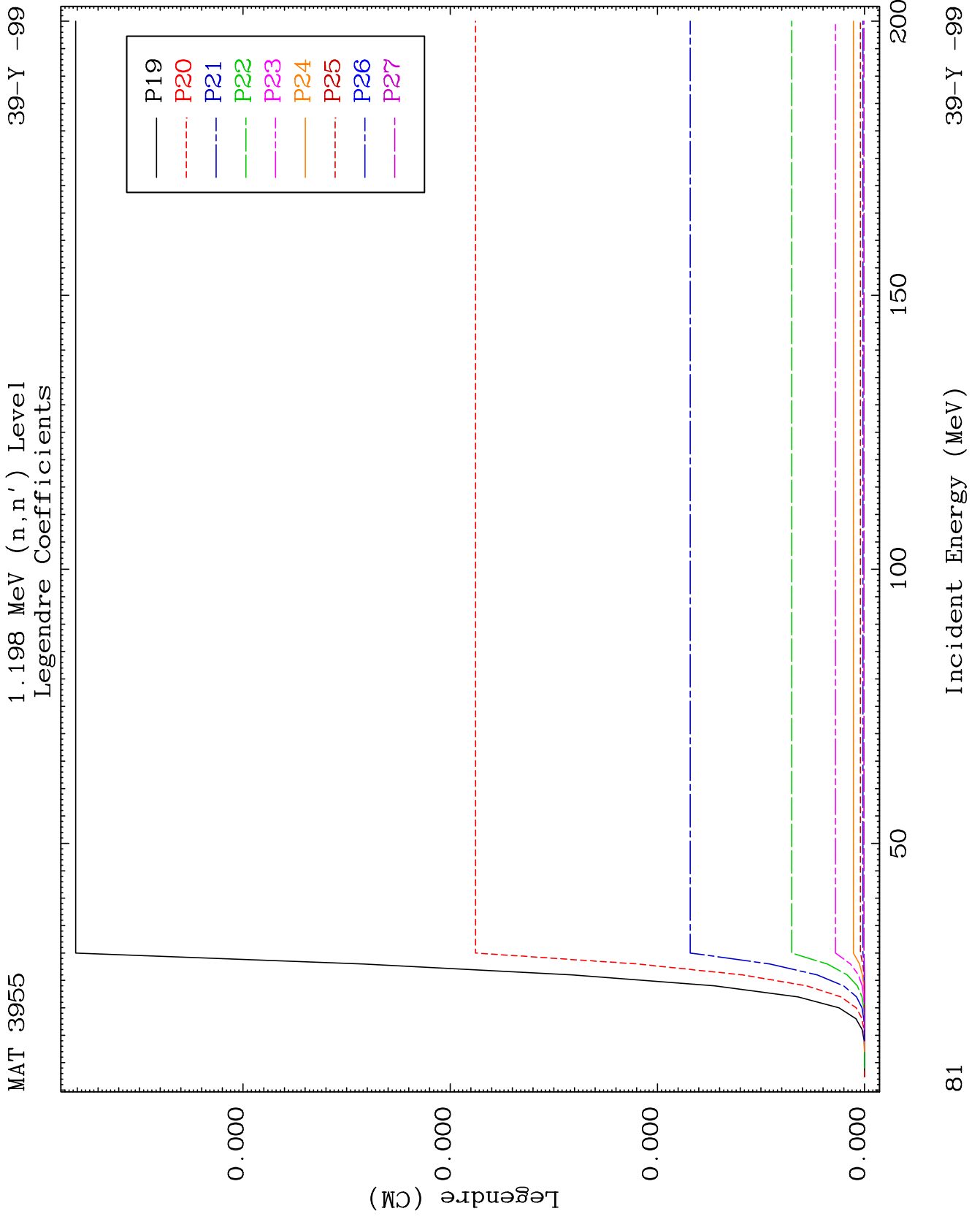
39-Y -99



80

Incident Energy (MeV)

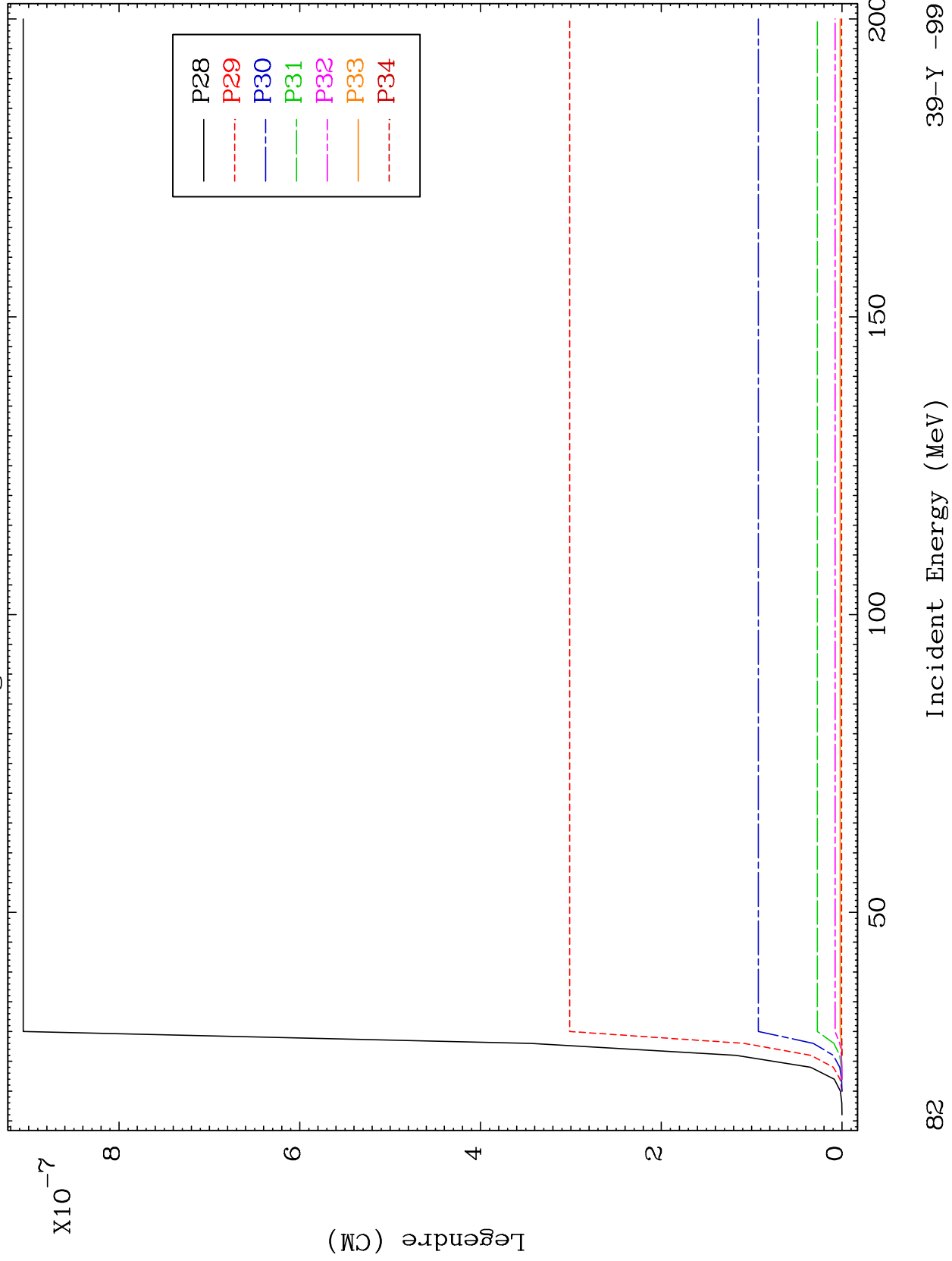
39-Y -99

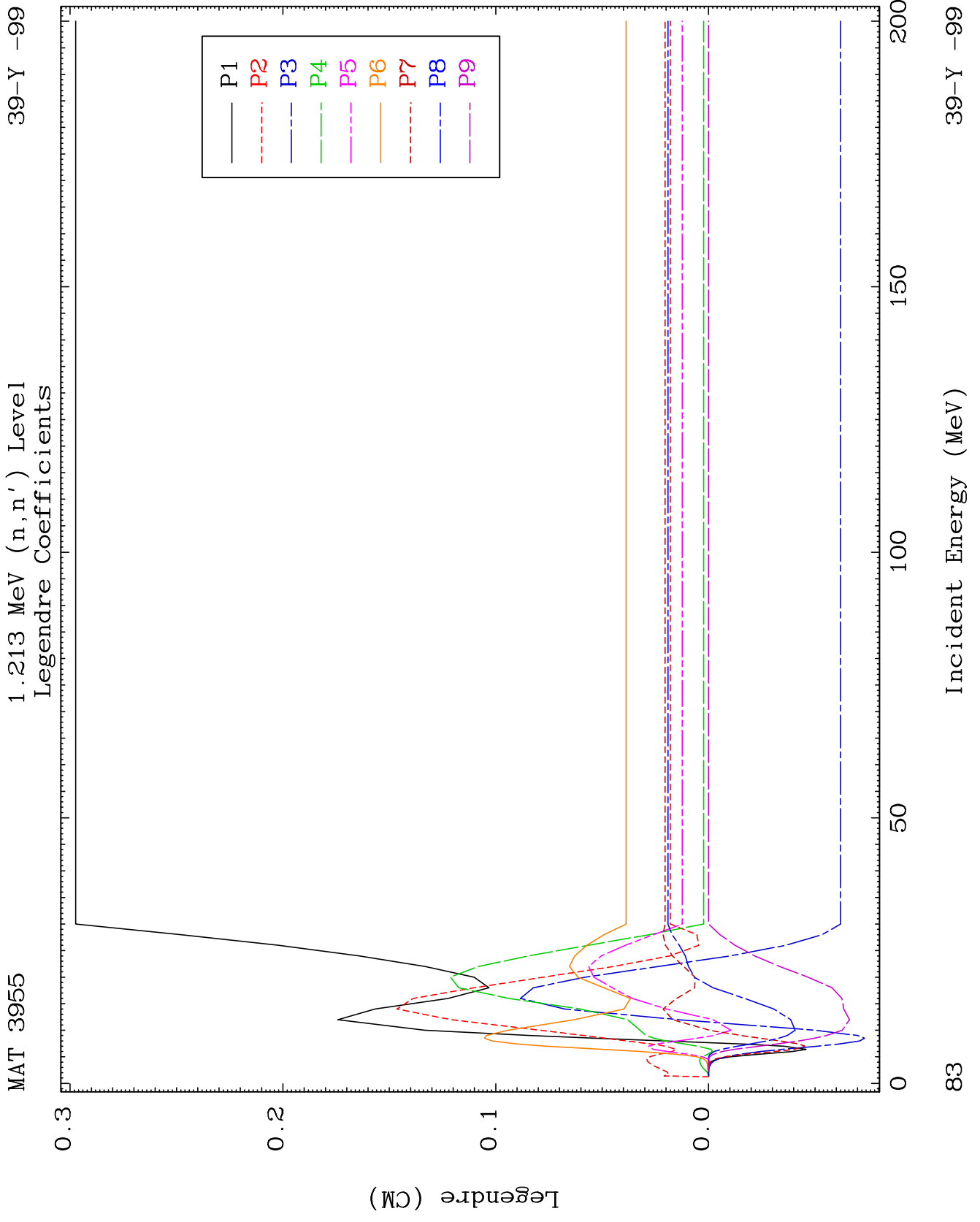


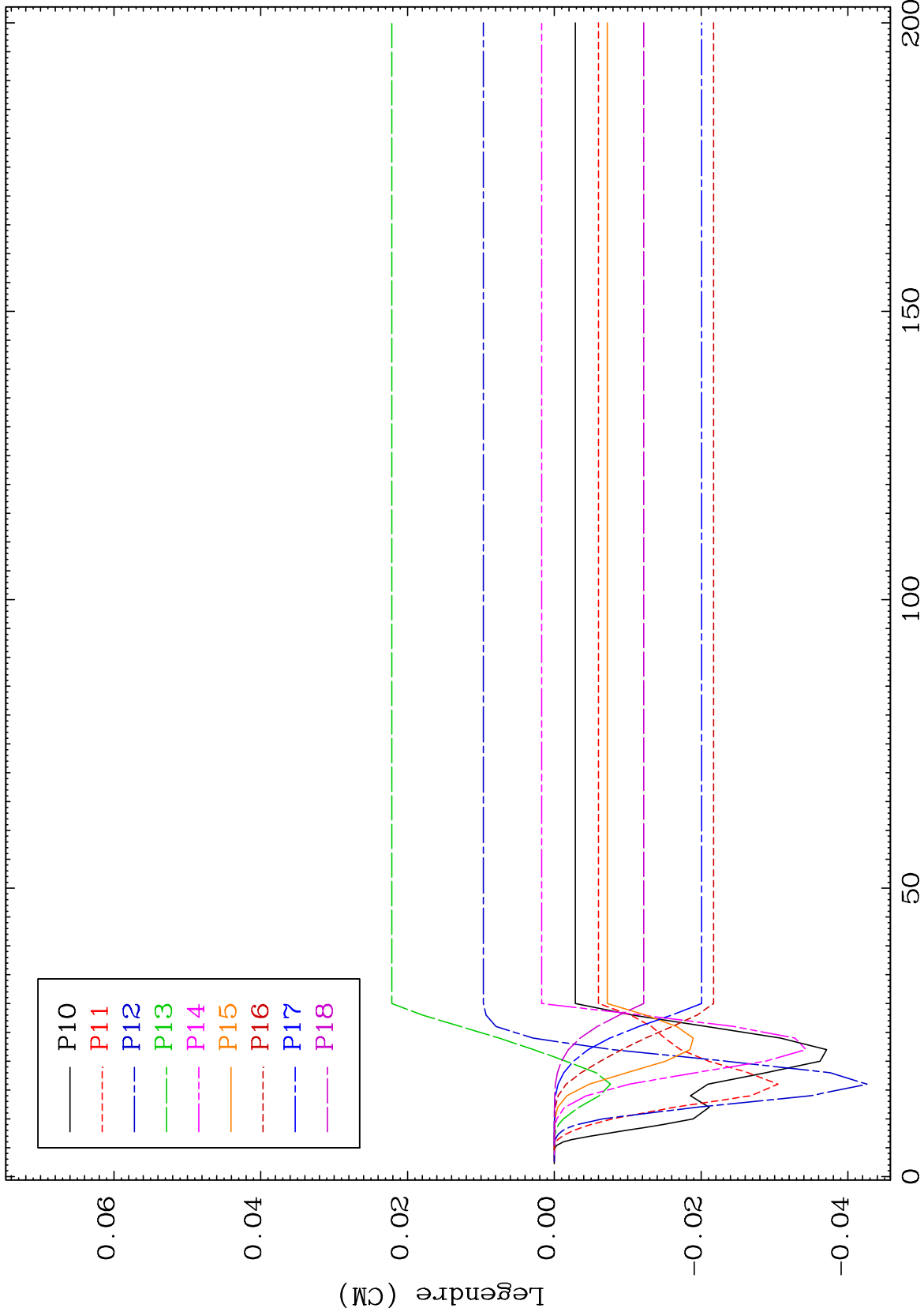
MAT 3955

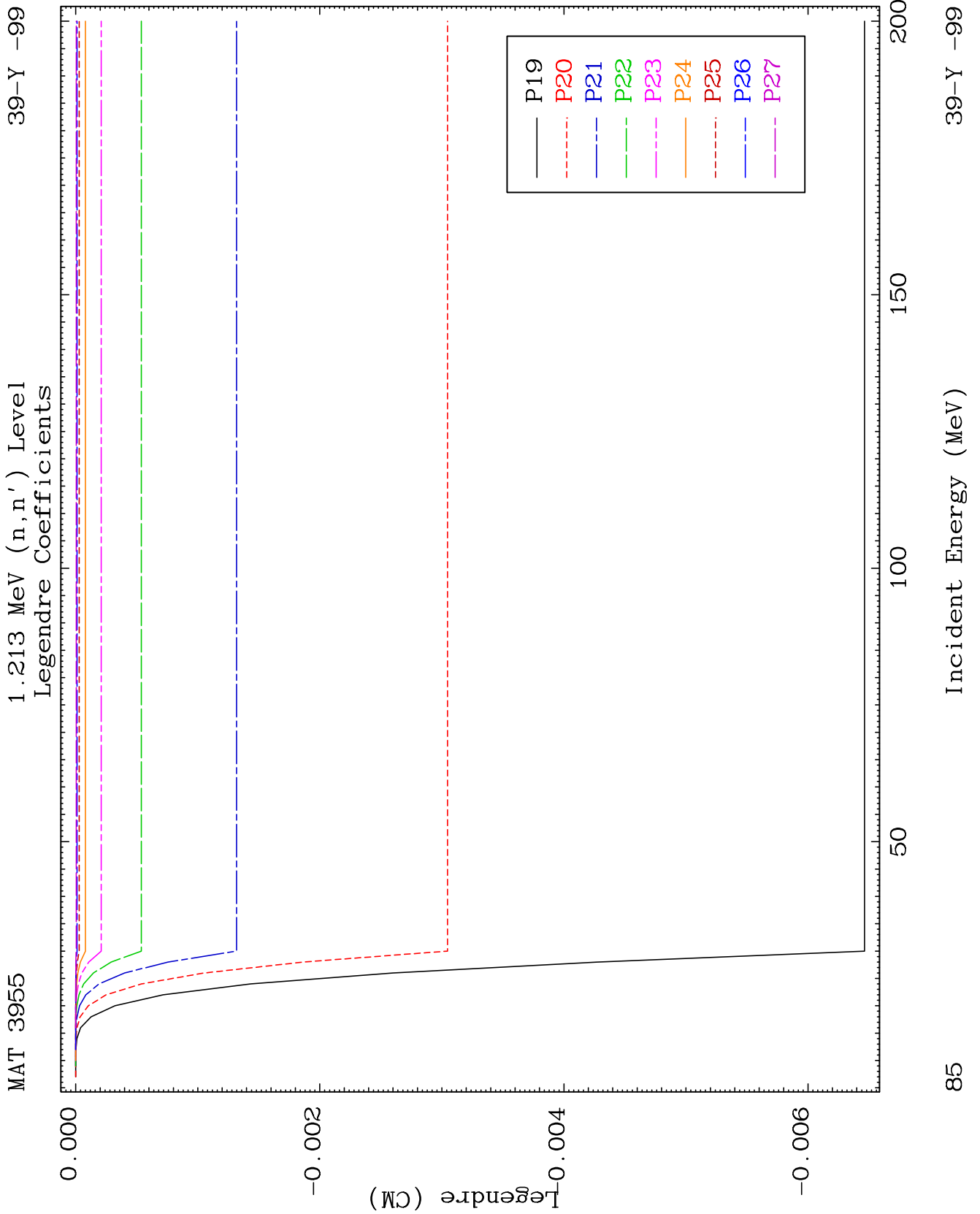
1.198 MeV (n,n') Level
Legendre Coefficients

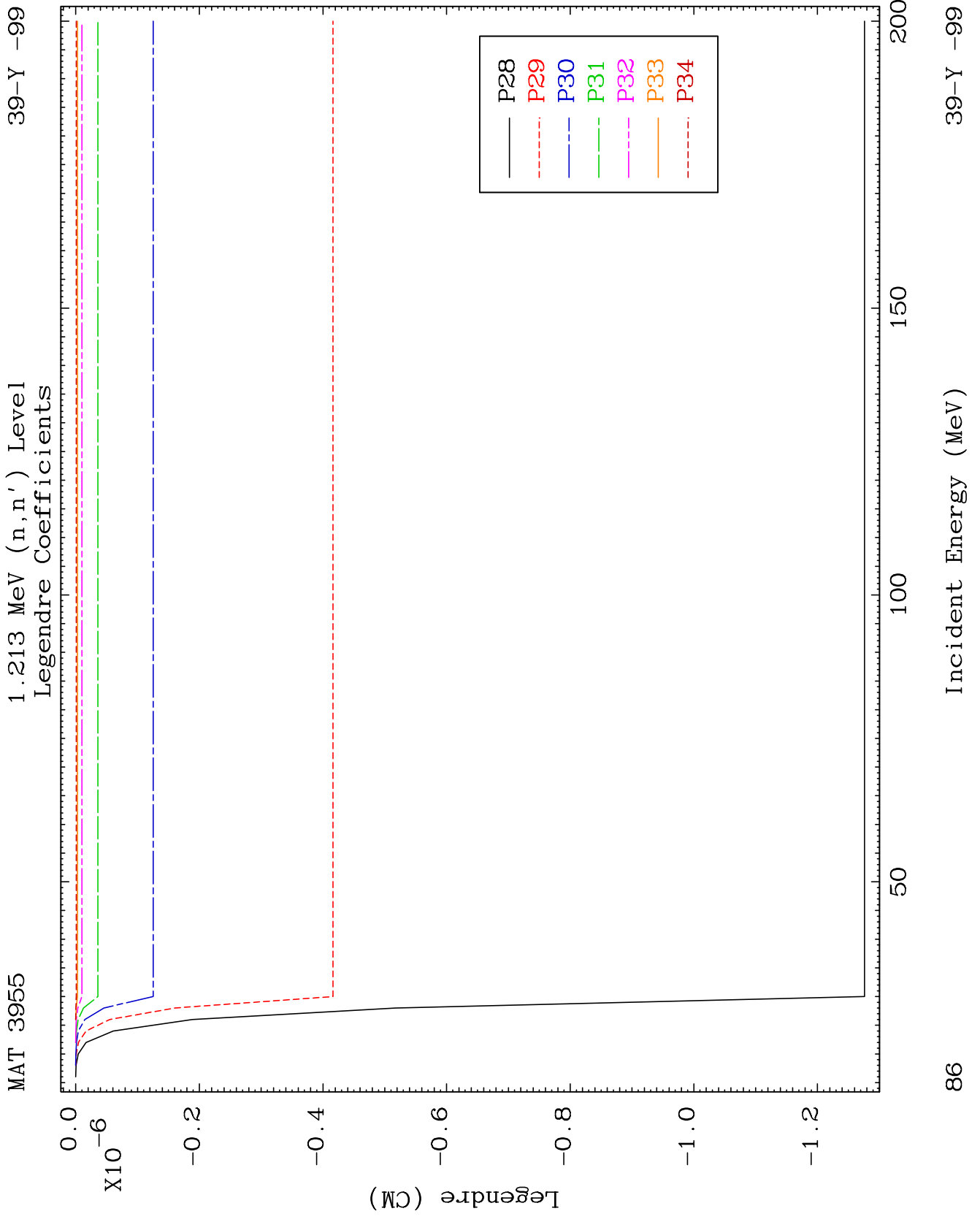
39-Y -99

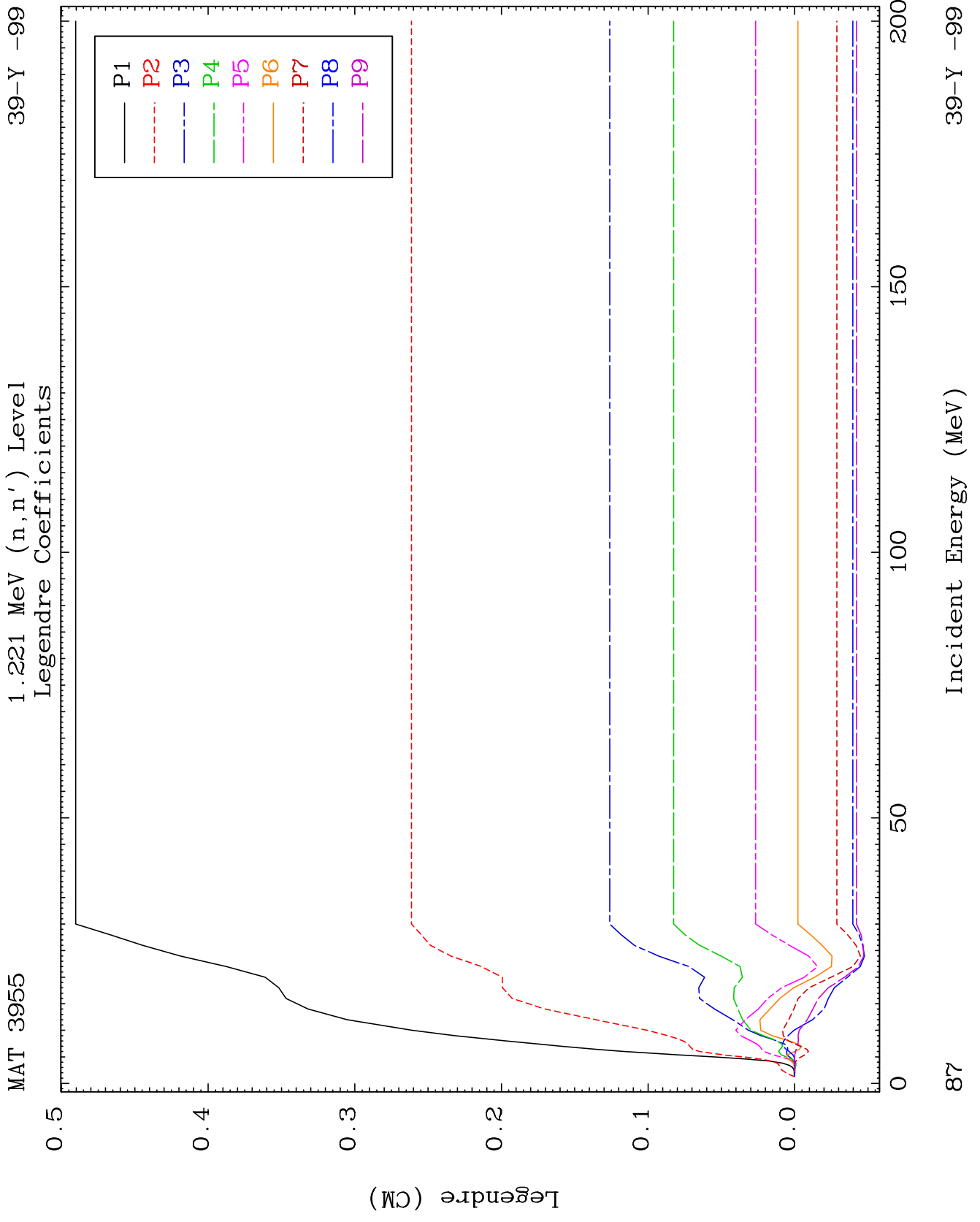








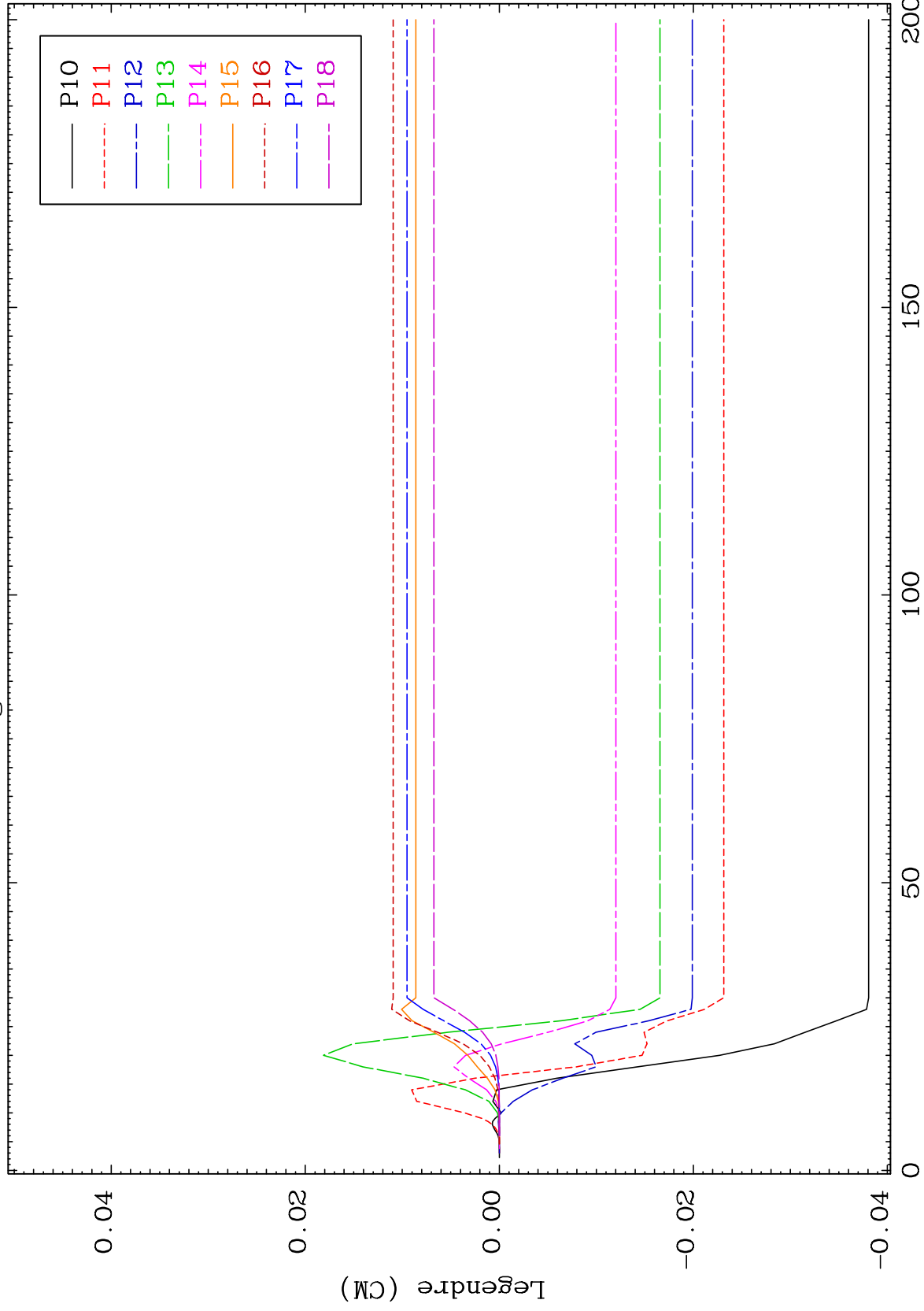




MAT 3955

1.221 MeV (n,n') Level
Legendre Coefficients

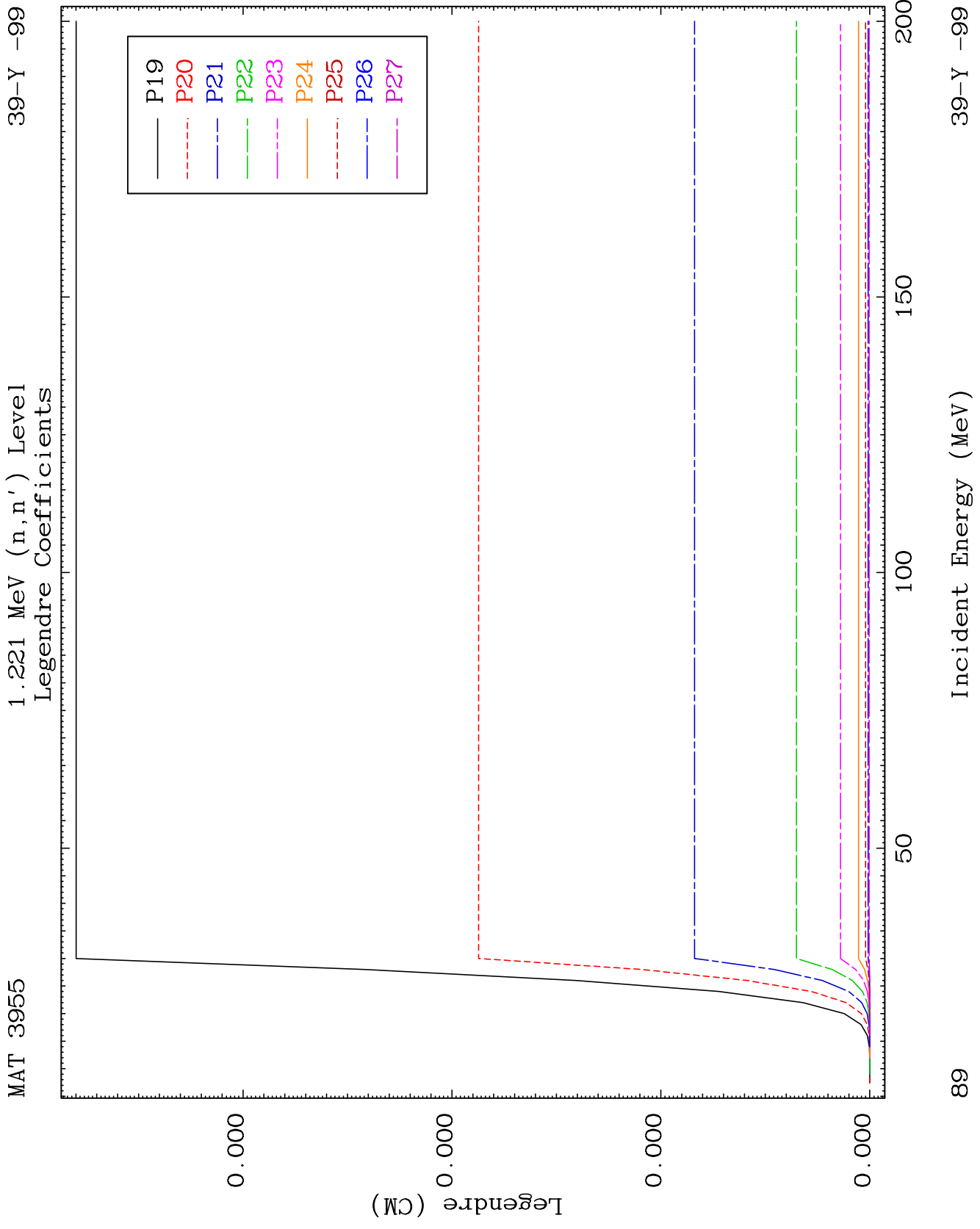
39-Y -99

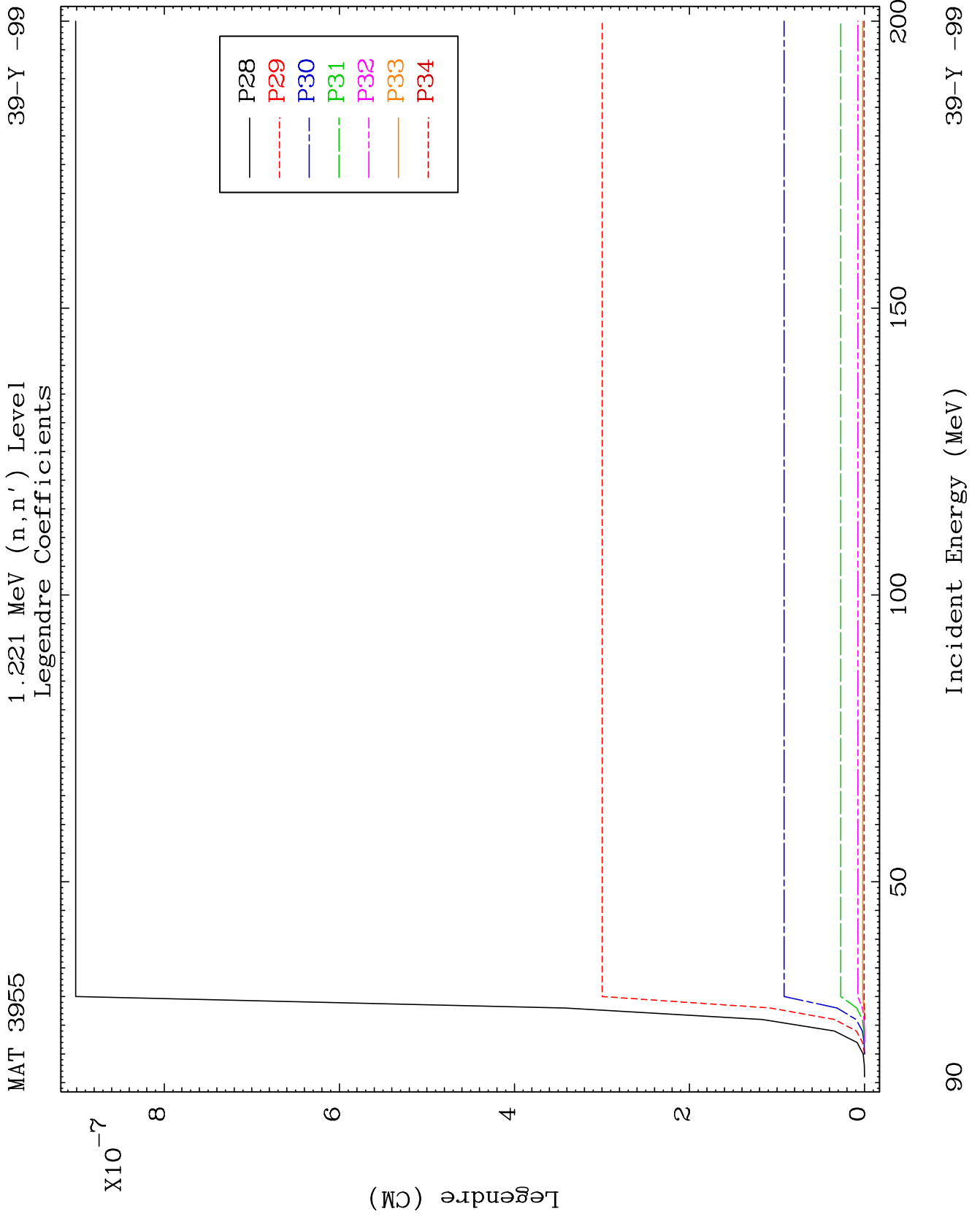


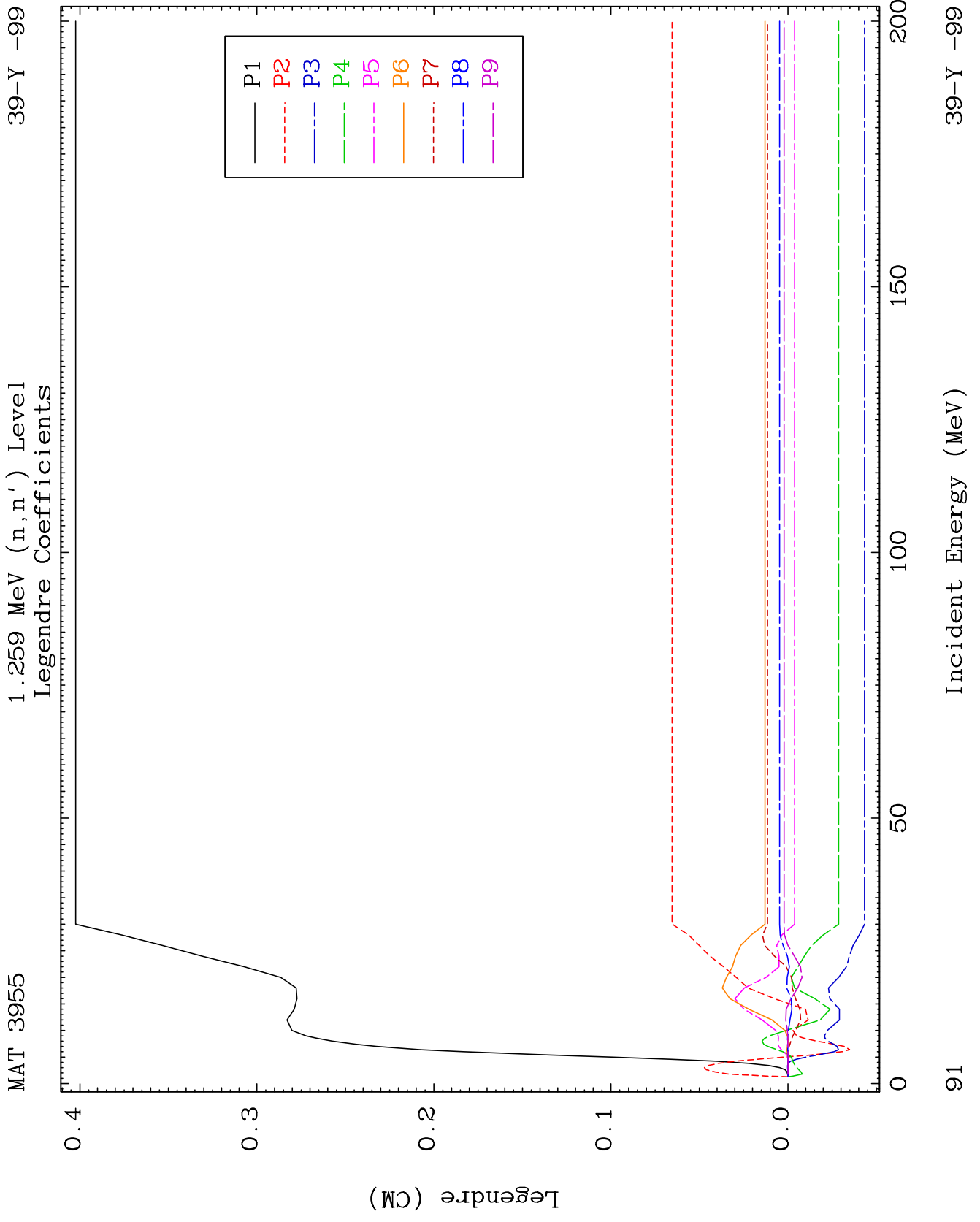
88

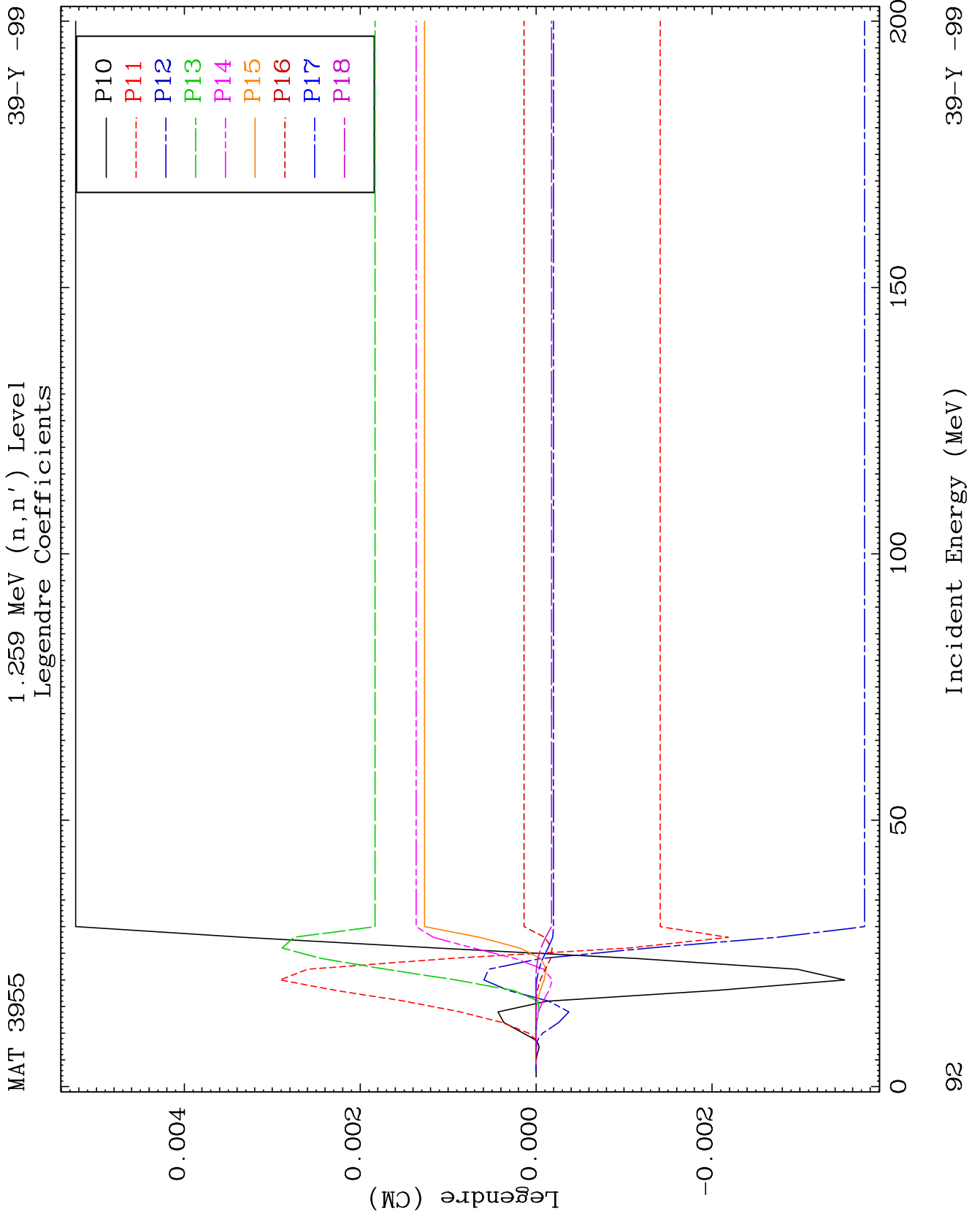
Incident Energy (MeV)

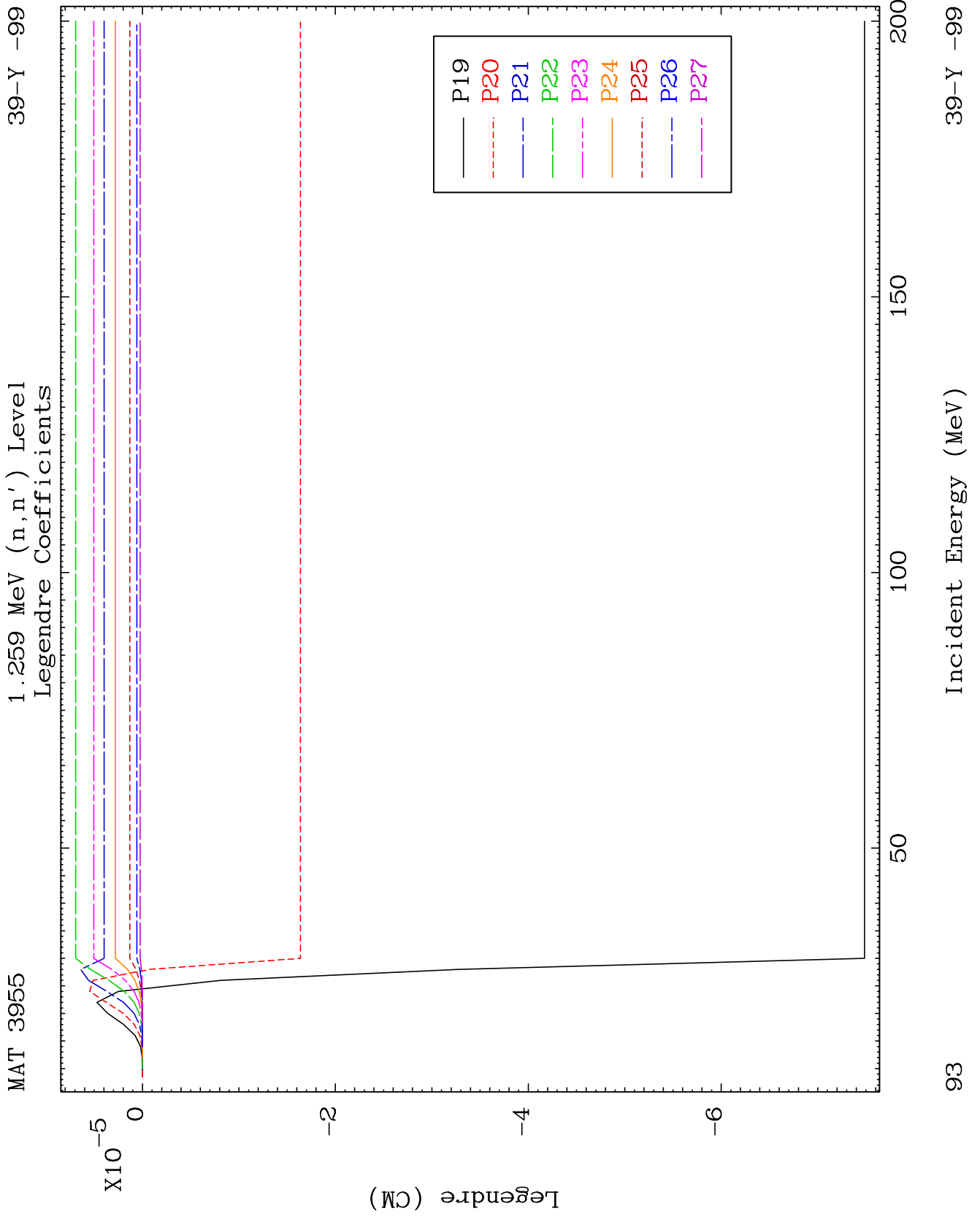
39-Y -99

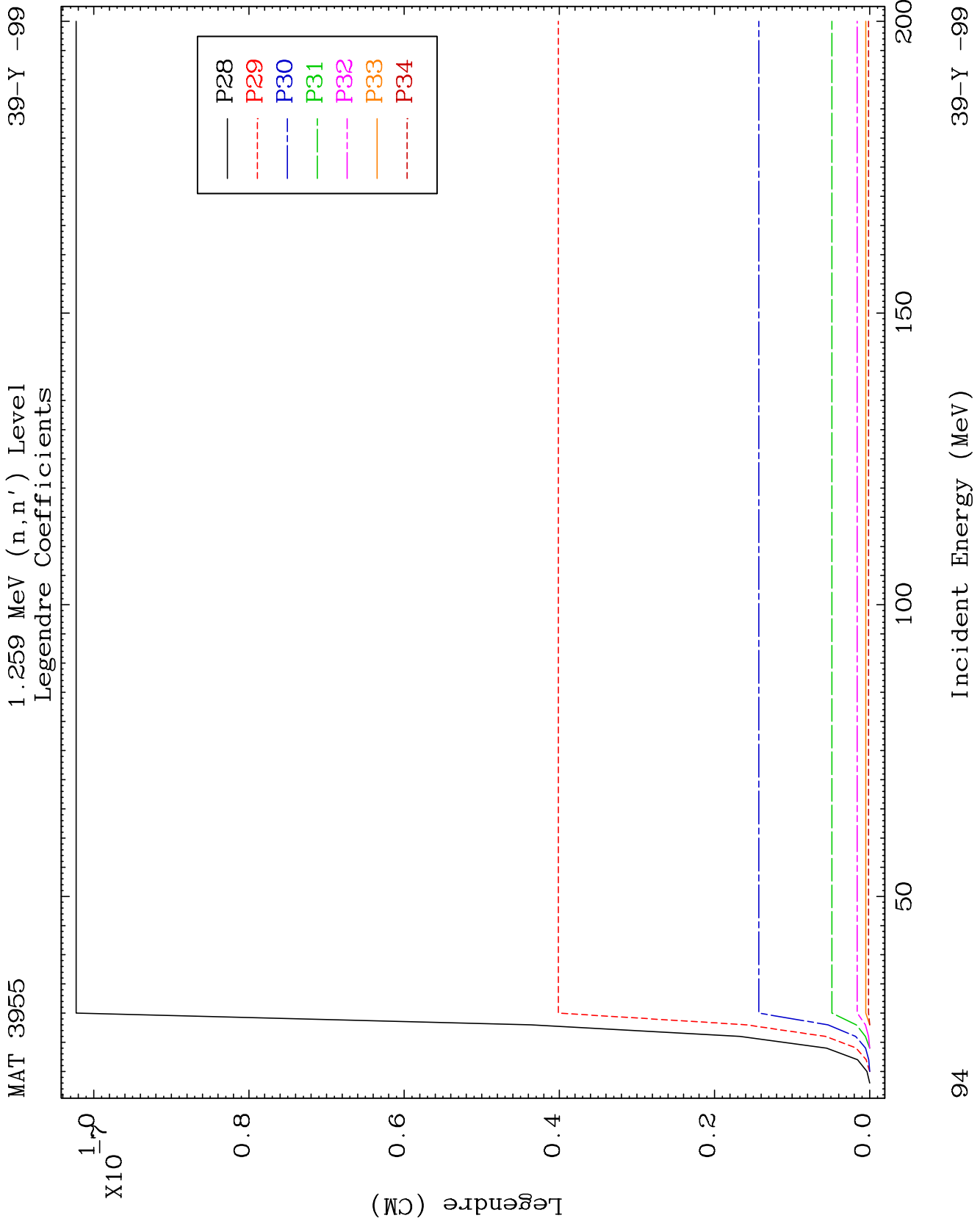


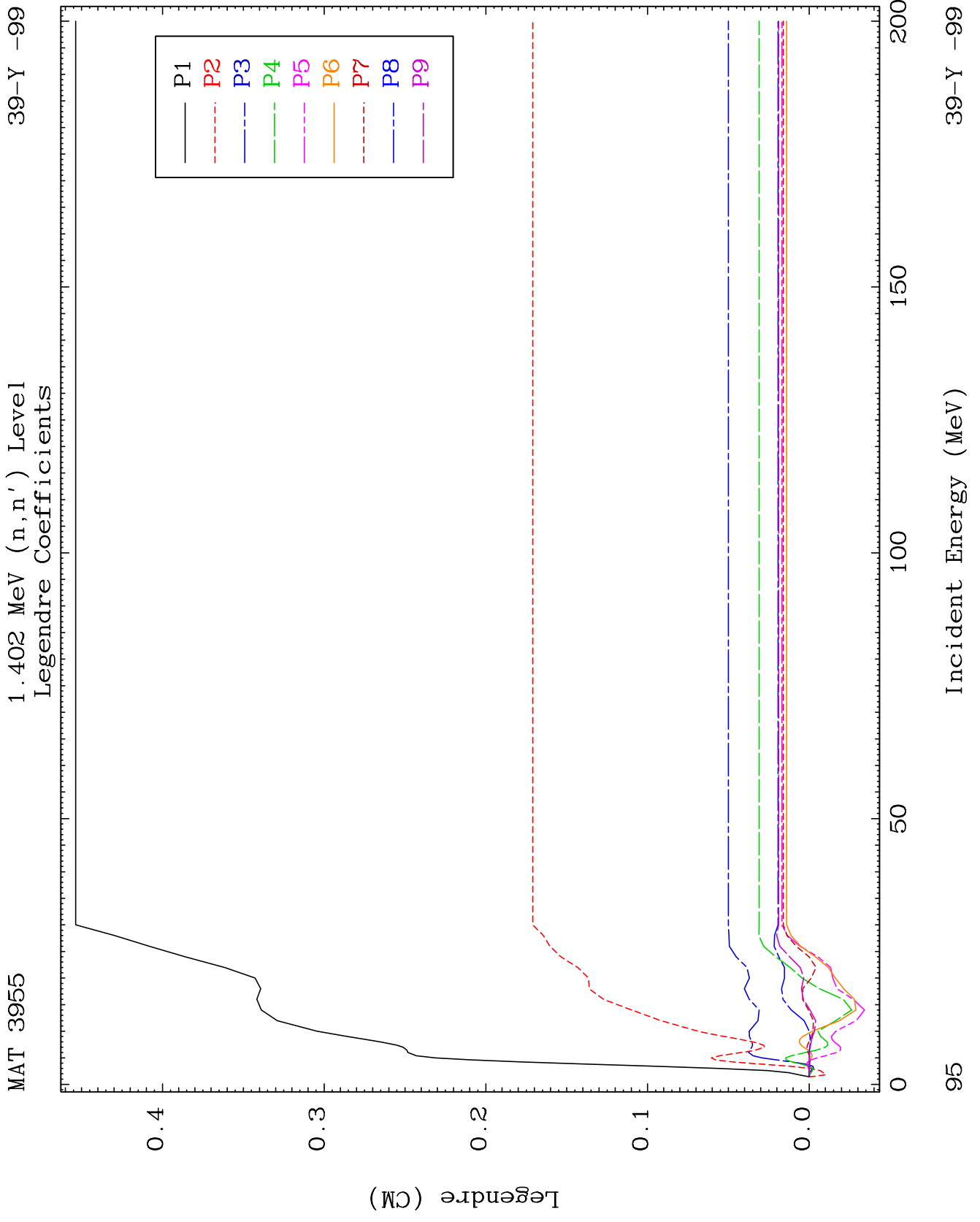








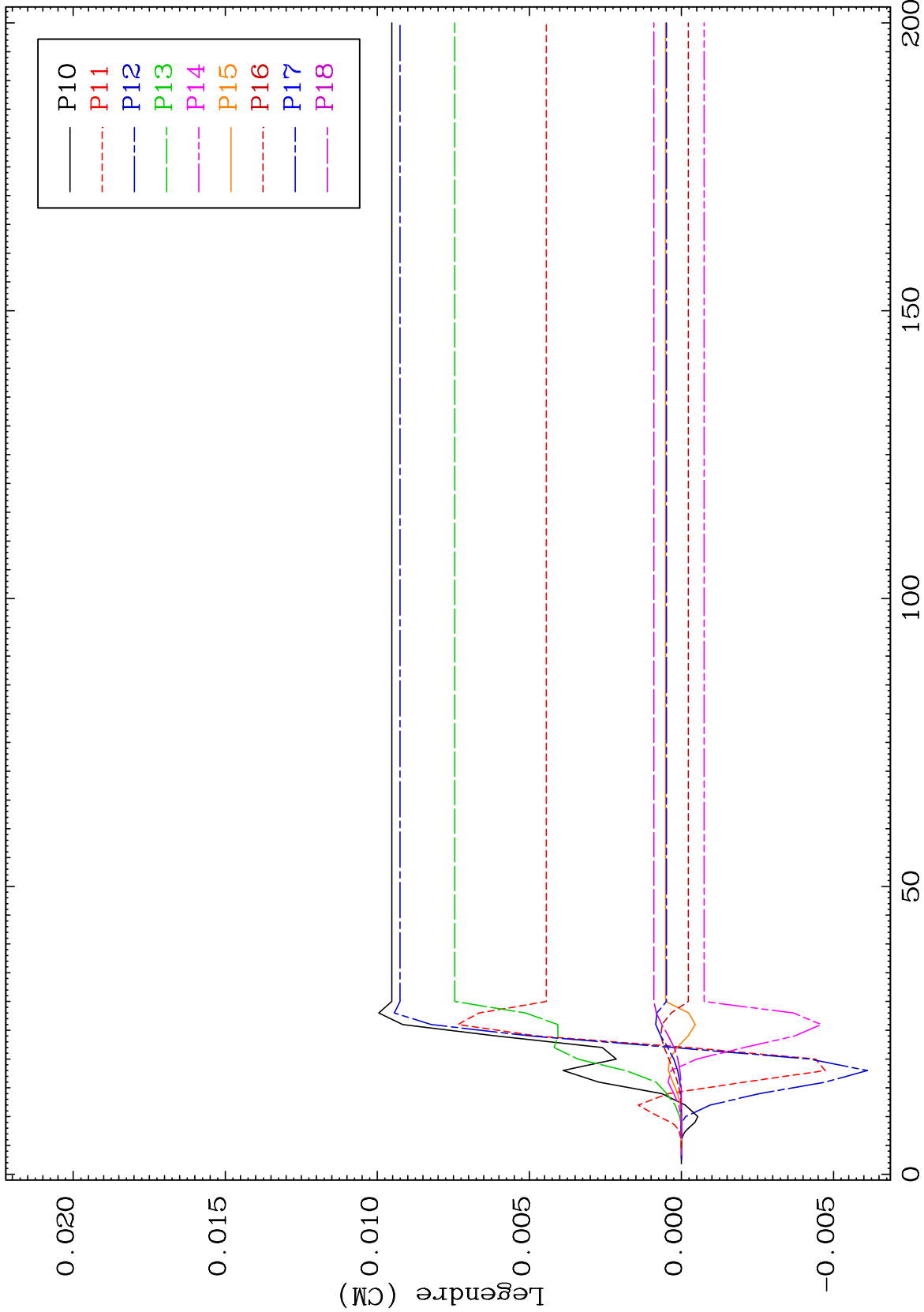




MAT 3955

1.402 MeV (n,n') Level
Legendre Coefficients

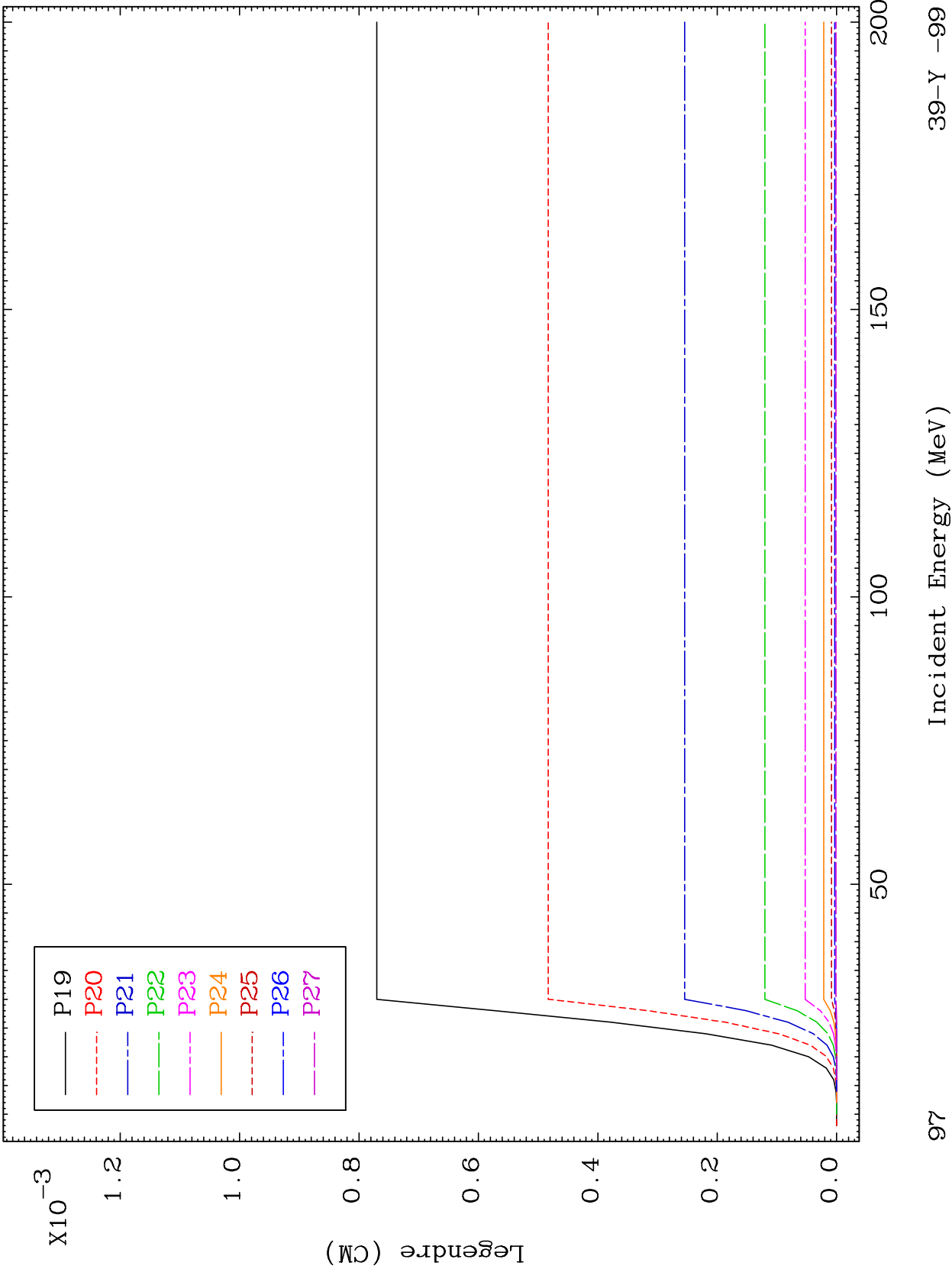
39-Y -99



96

Incident Energy (MeV)

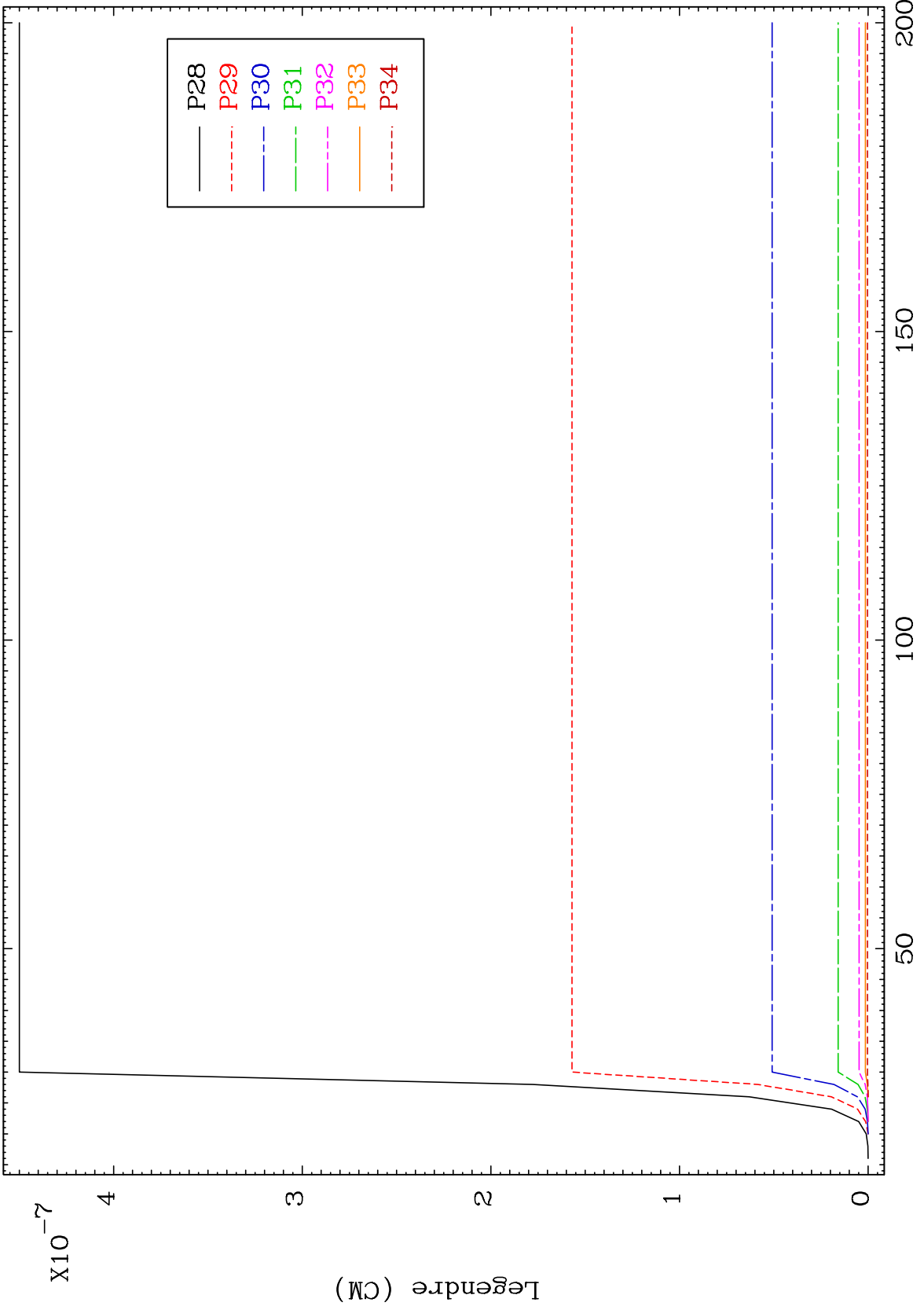
39-Y -99



MAT 3955

1.402 MeV (n,n') Level
Legendre Coefficients

39-Y -99



98

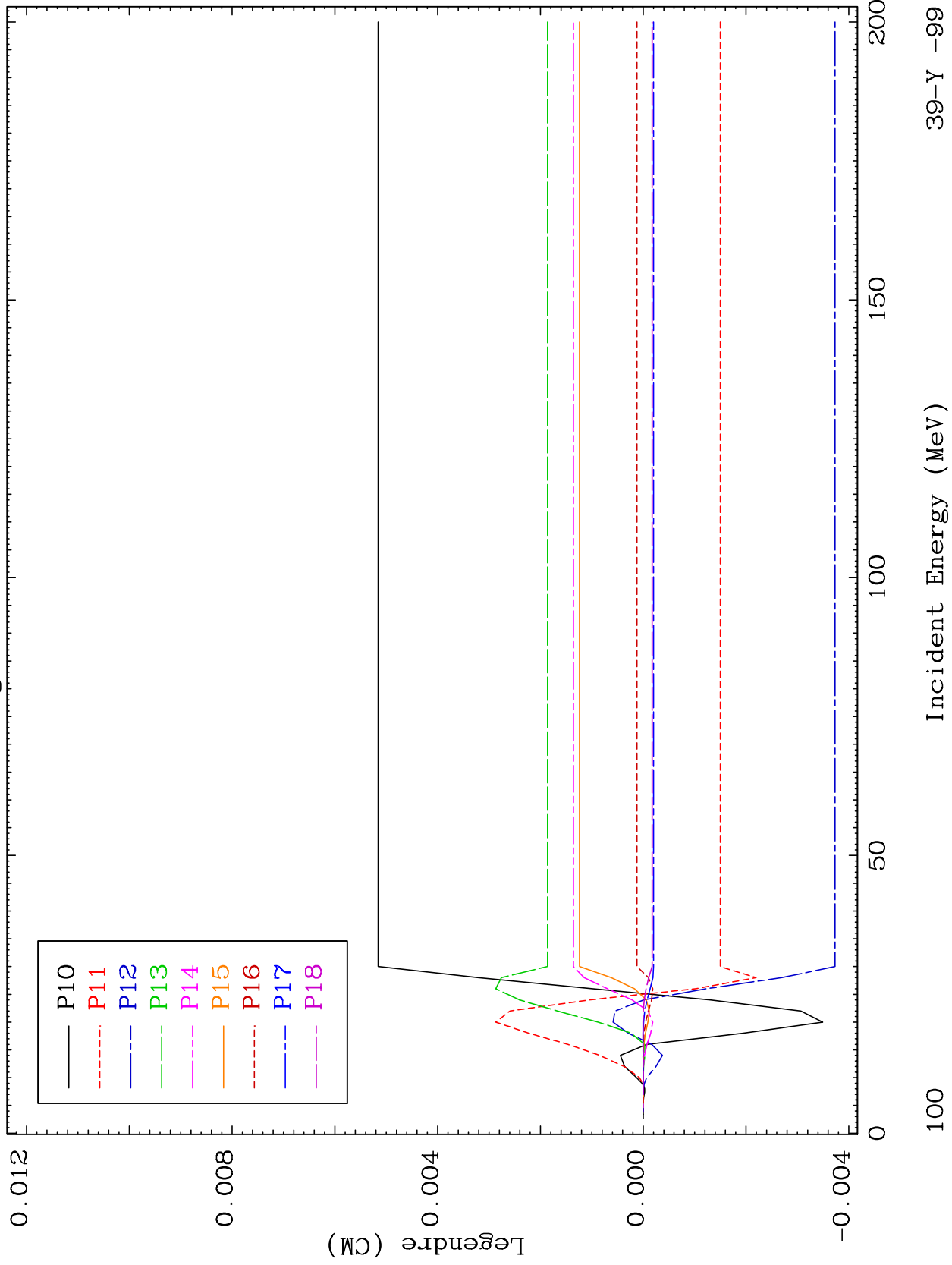
Incident Energy (MeV)

39-Y -99

MAT 3955

1.412 MeV (n,n') Level
Legendre Coefficients

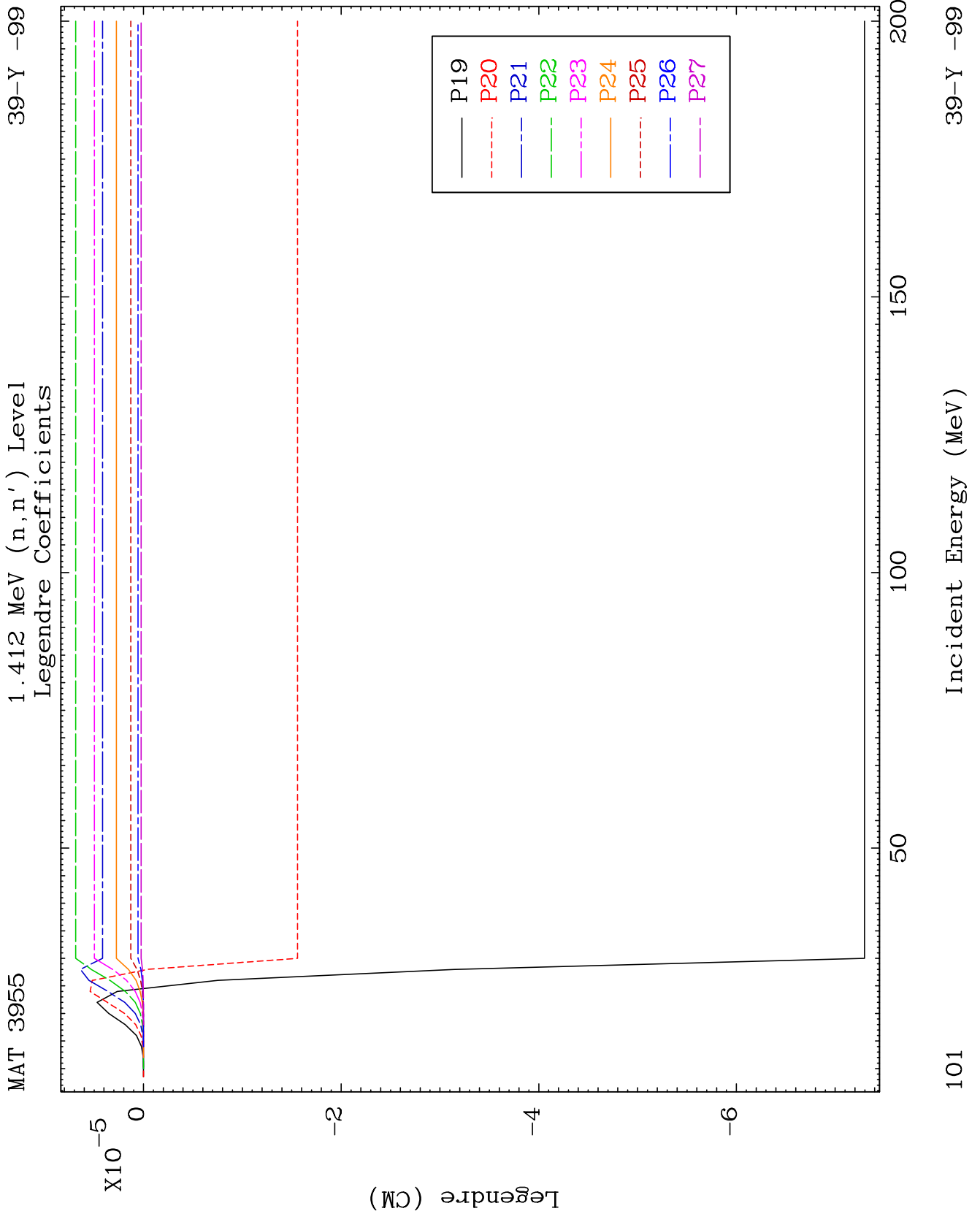
39-Y -99

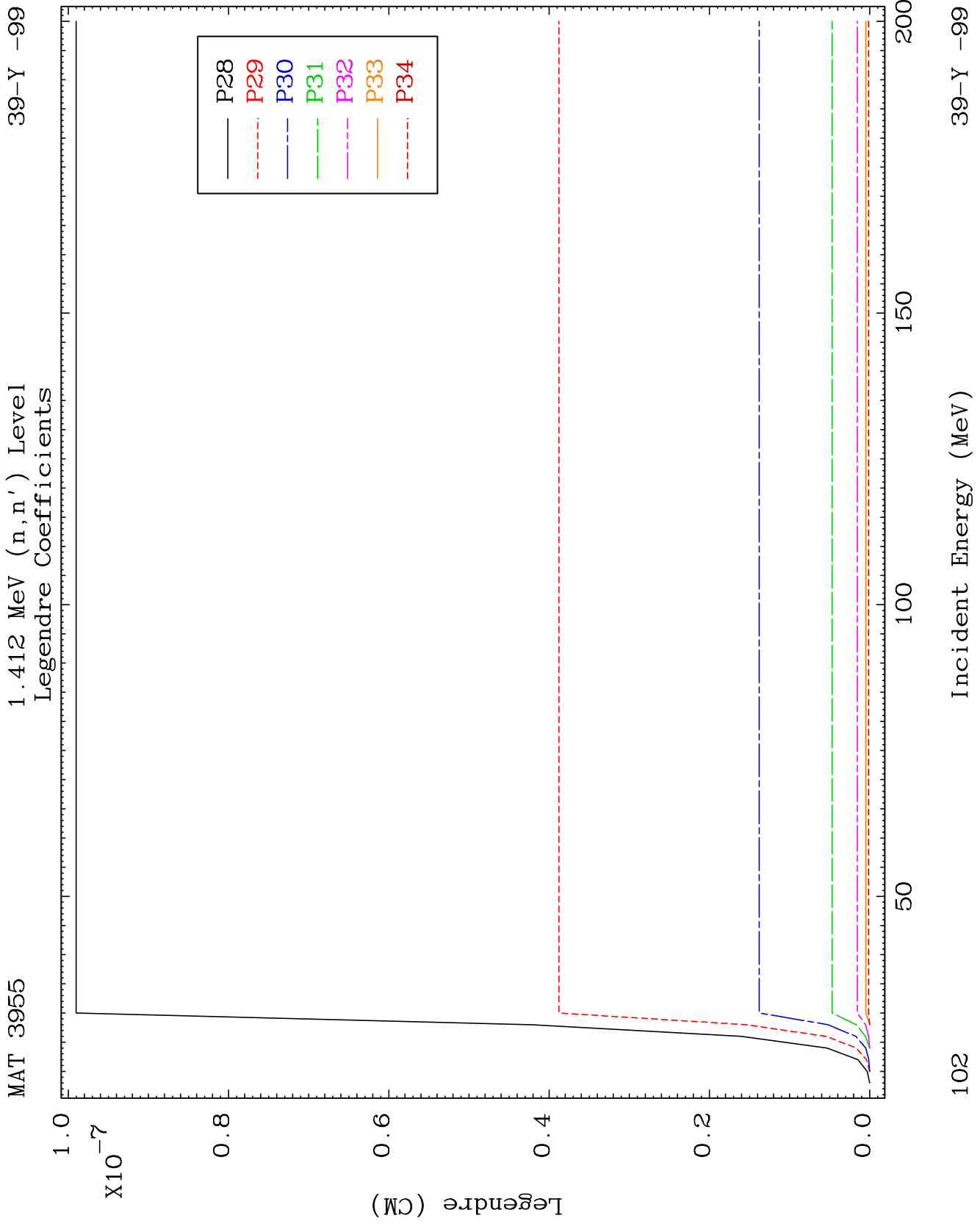


39-Y -99

Incident Energy (MeV)

100

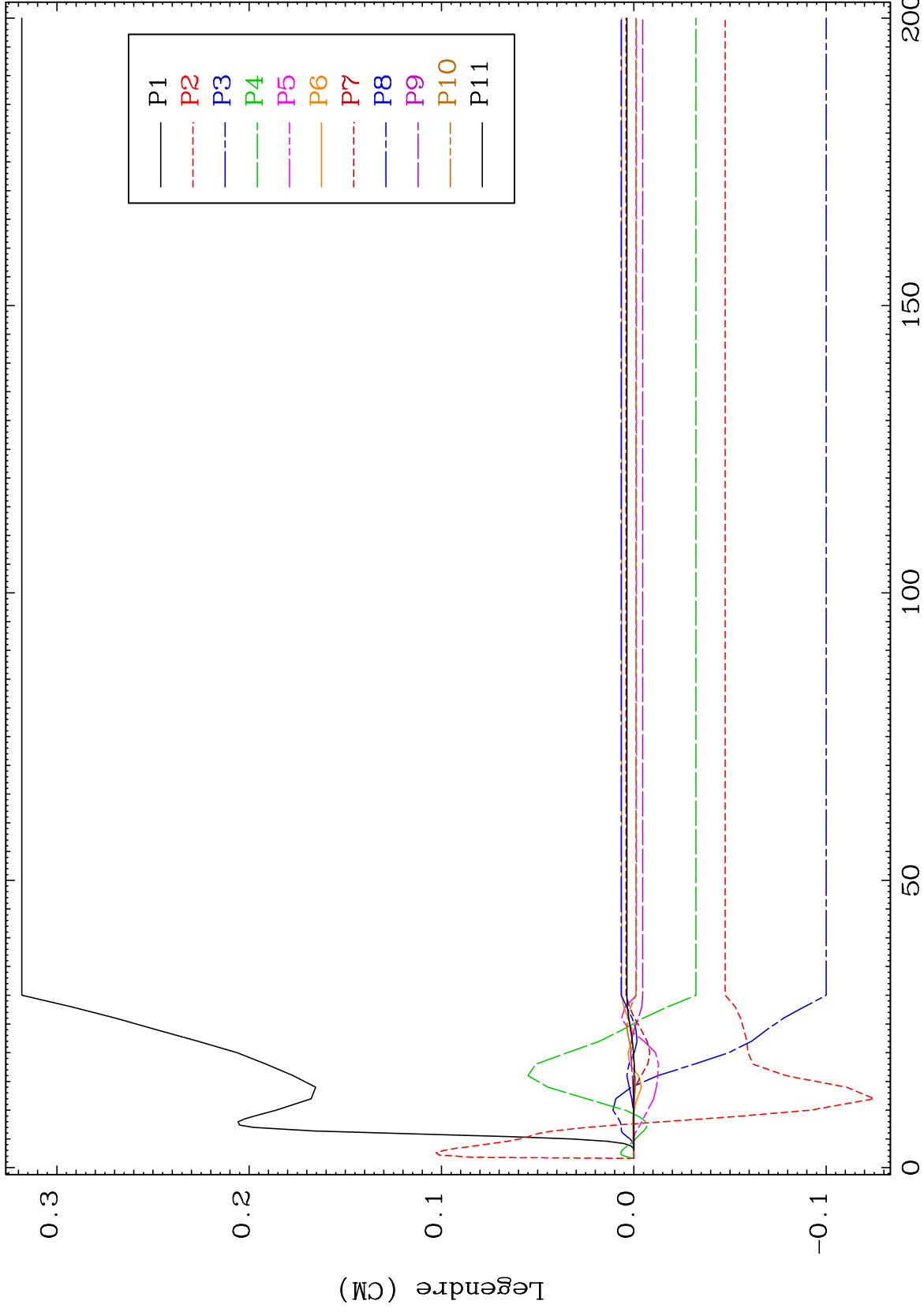




MAT 3955

1.595 MeV (n,n') Level
Legendre Coefficients

39-Y -99



103

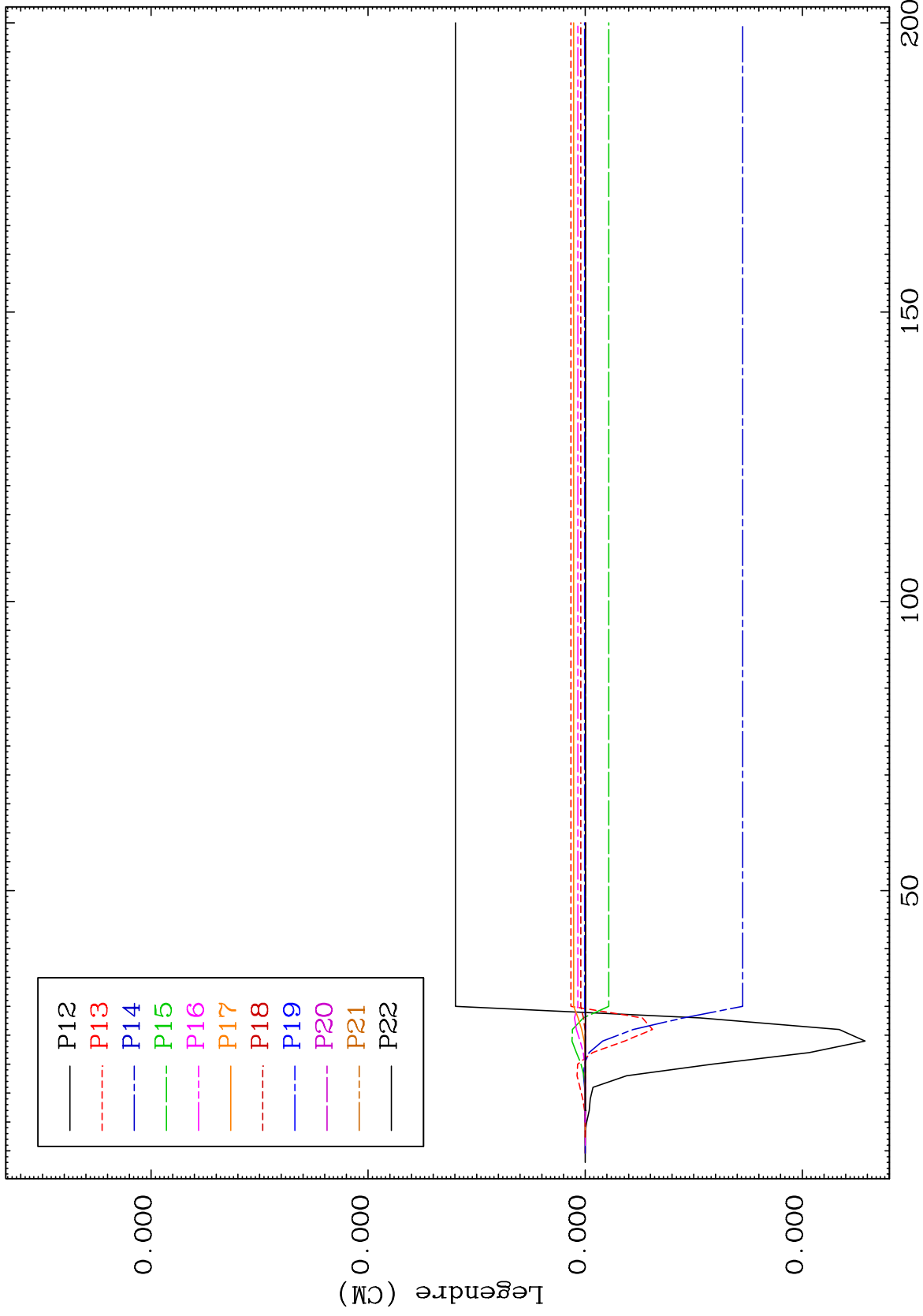
Incident Energy (MeV)

39-Y -99

MAT 3955

1.595 MeV (n,n') Level
Legendre Coefficients

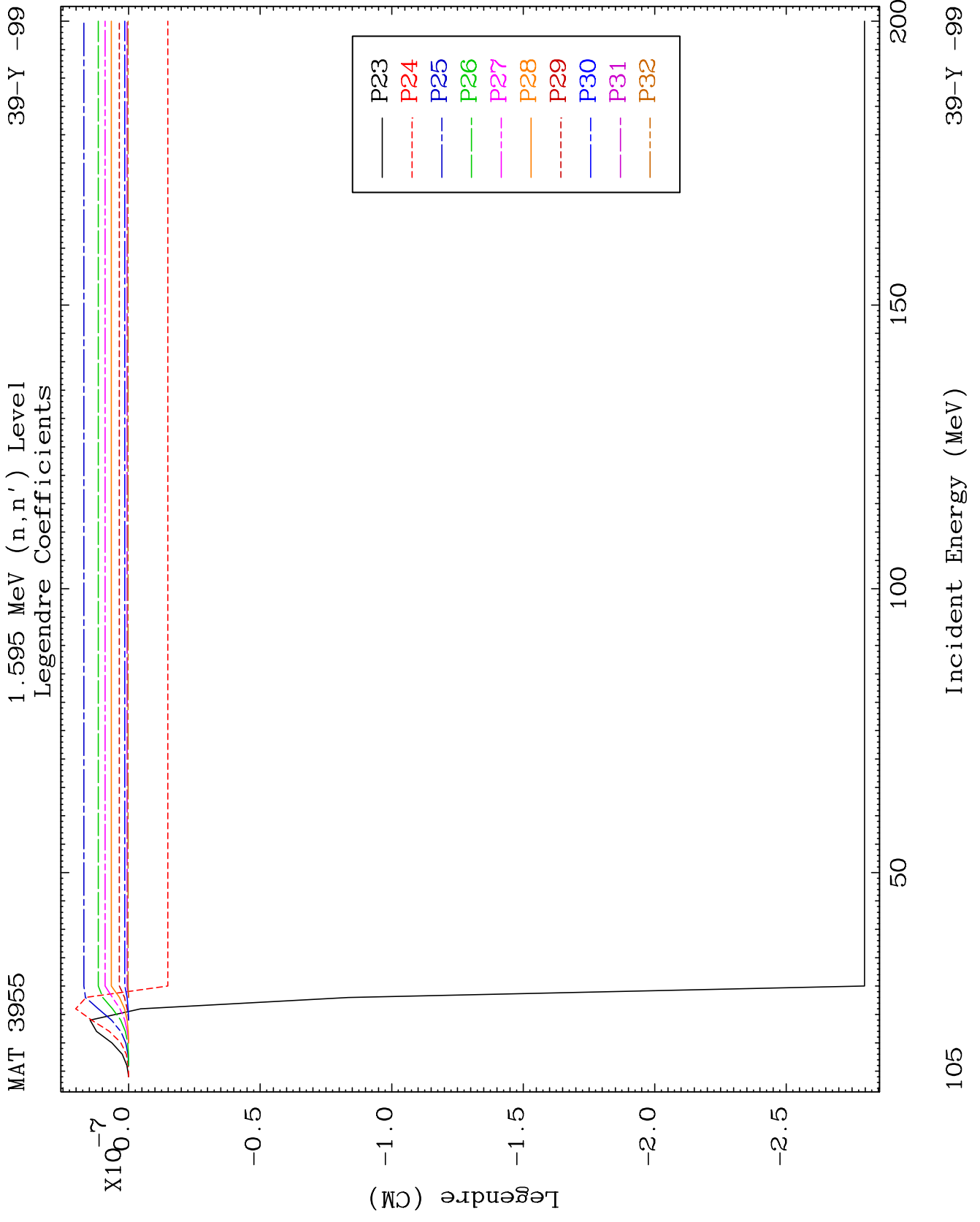
39-Y -99

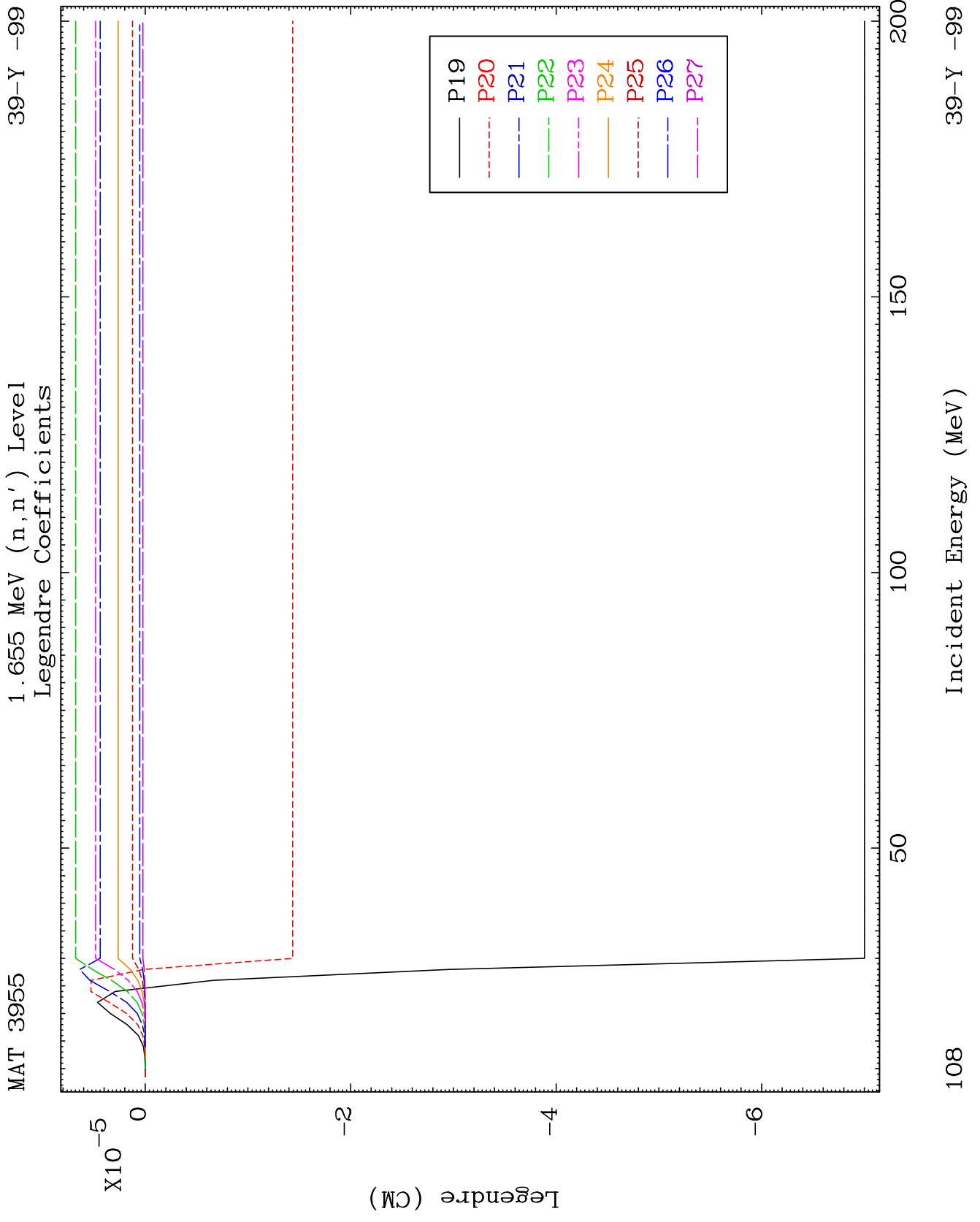


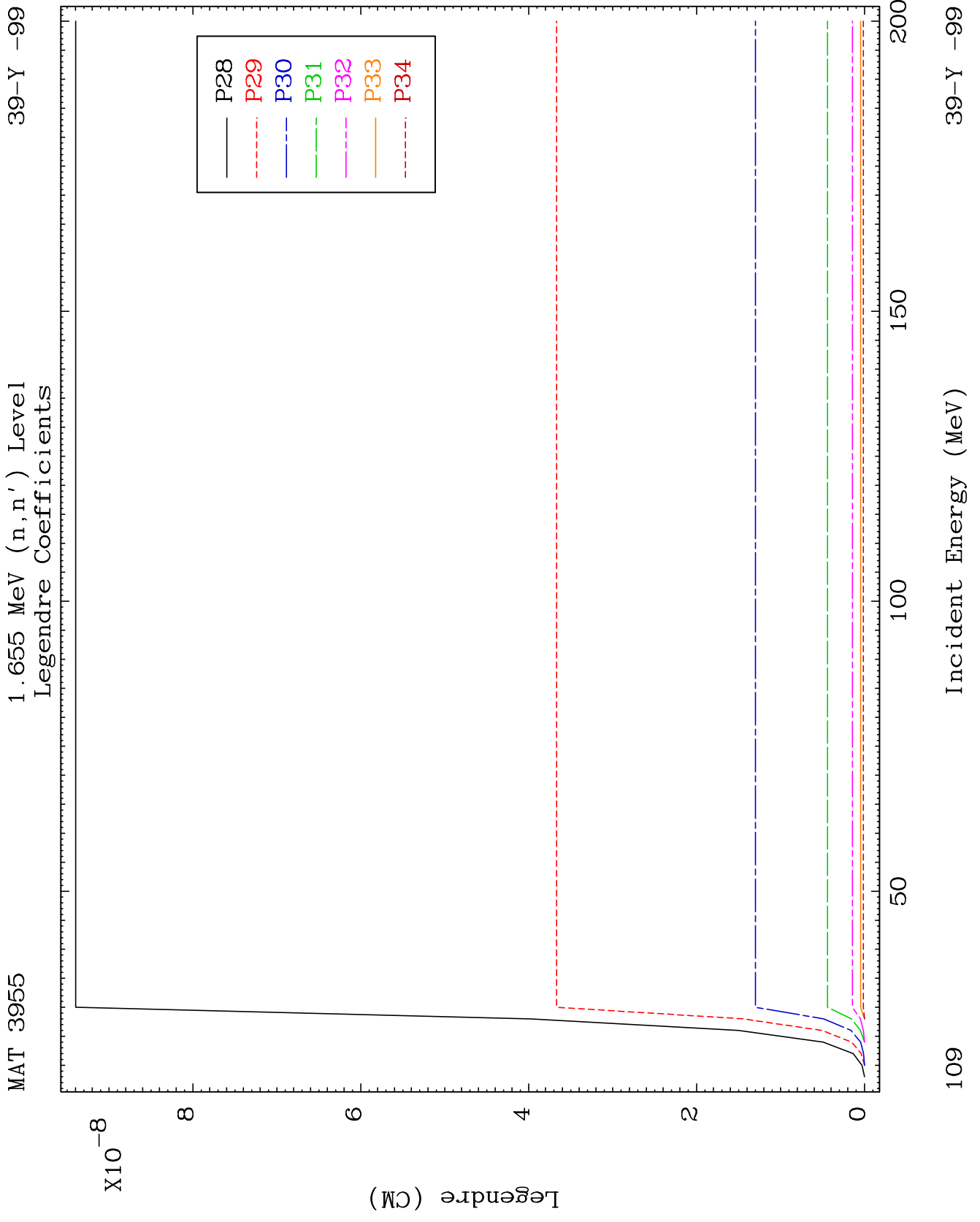
104

Incident Energy (MeV)

39-Y -99



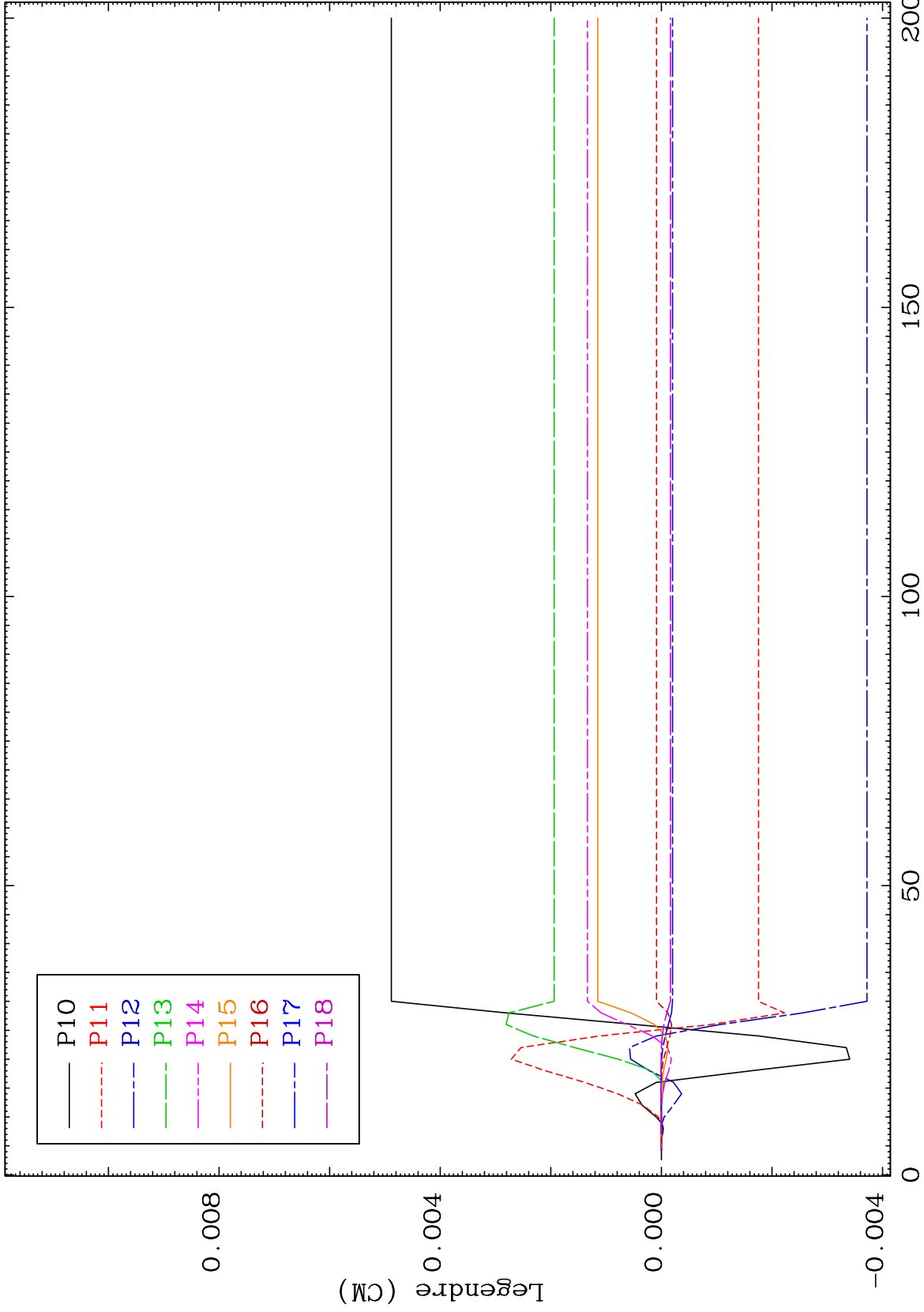




MAT 3955

1.869 MeV (n,n') Level
Legendre Coefficients

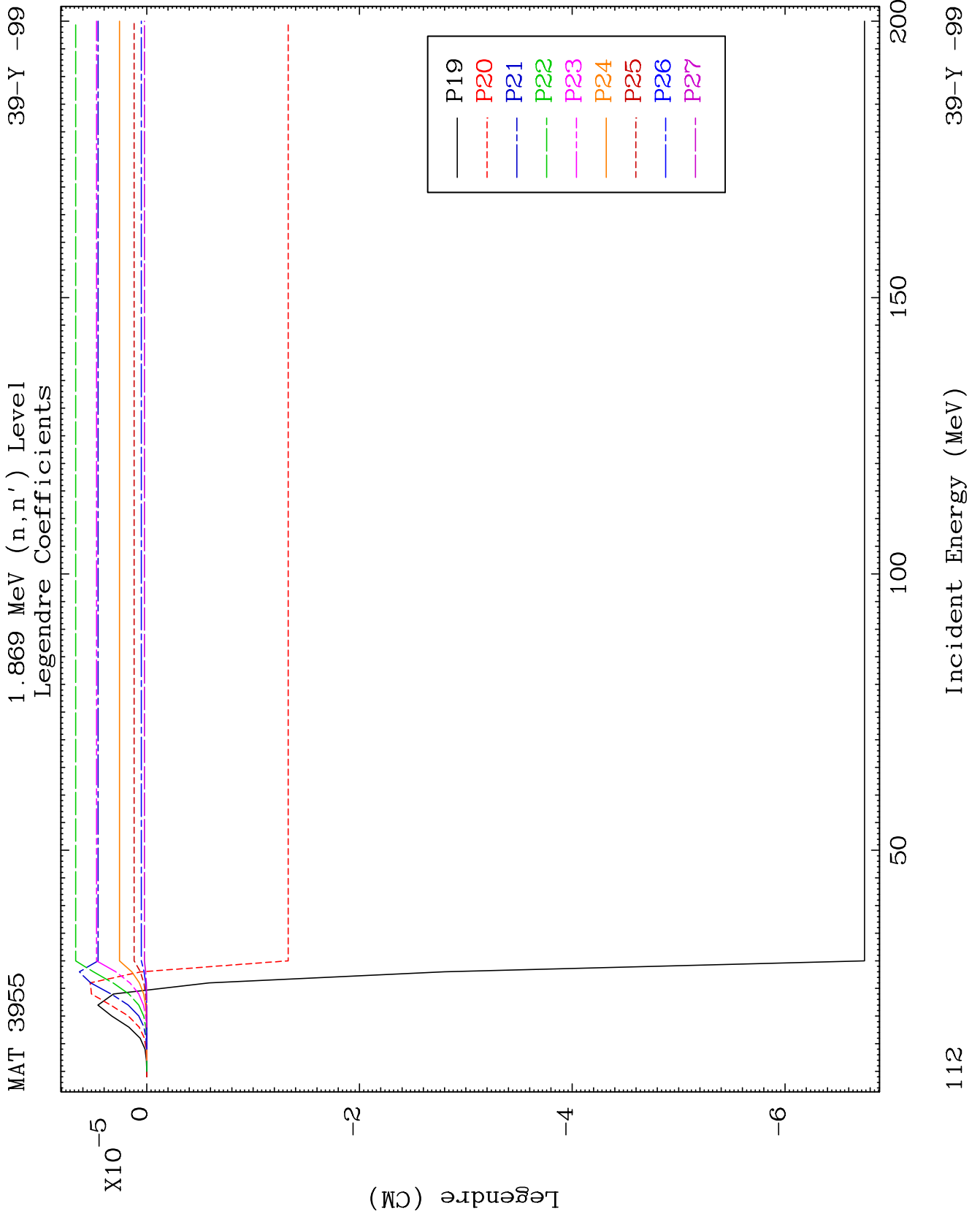
39-Y -99



111

Incident Energy (MeV)

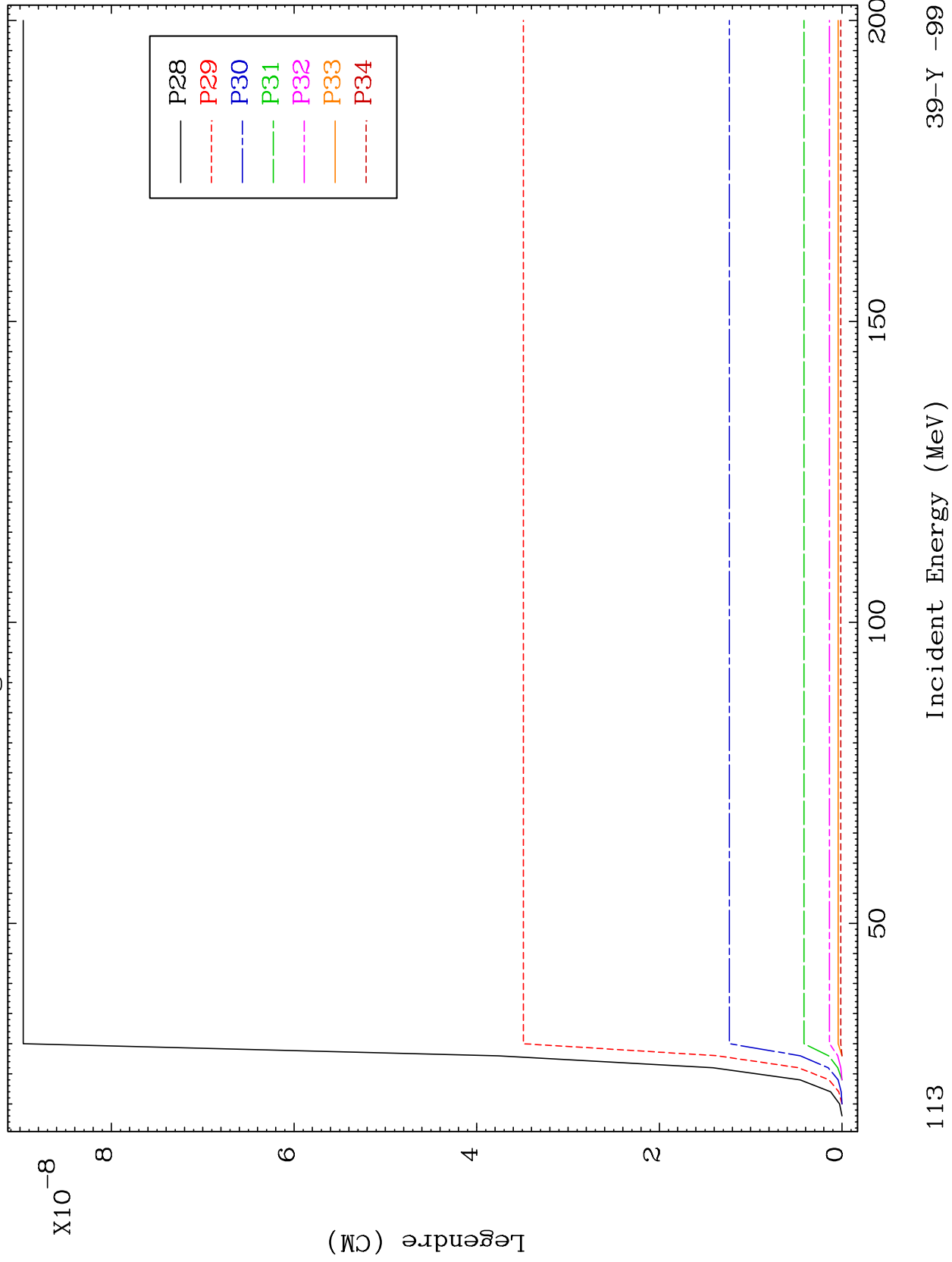
39-Y -99

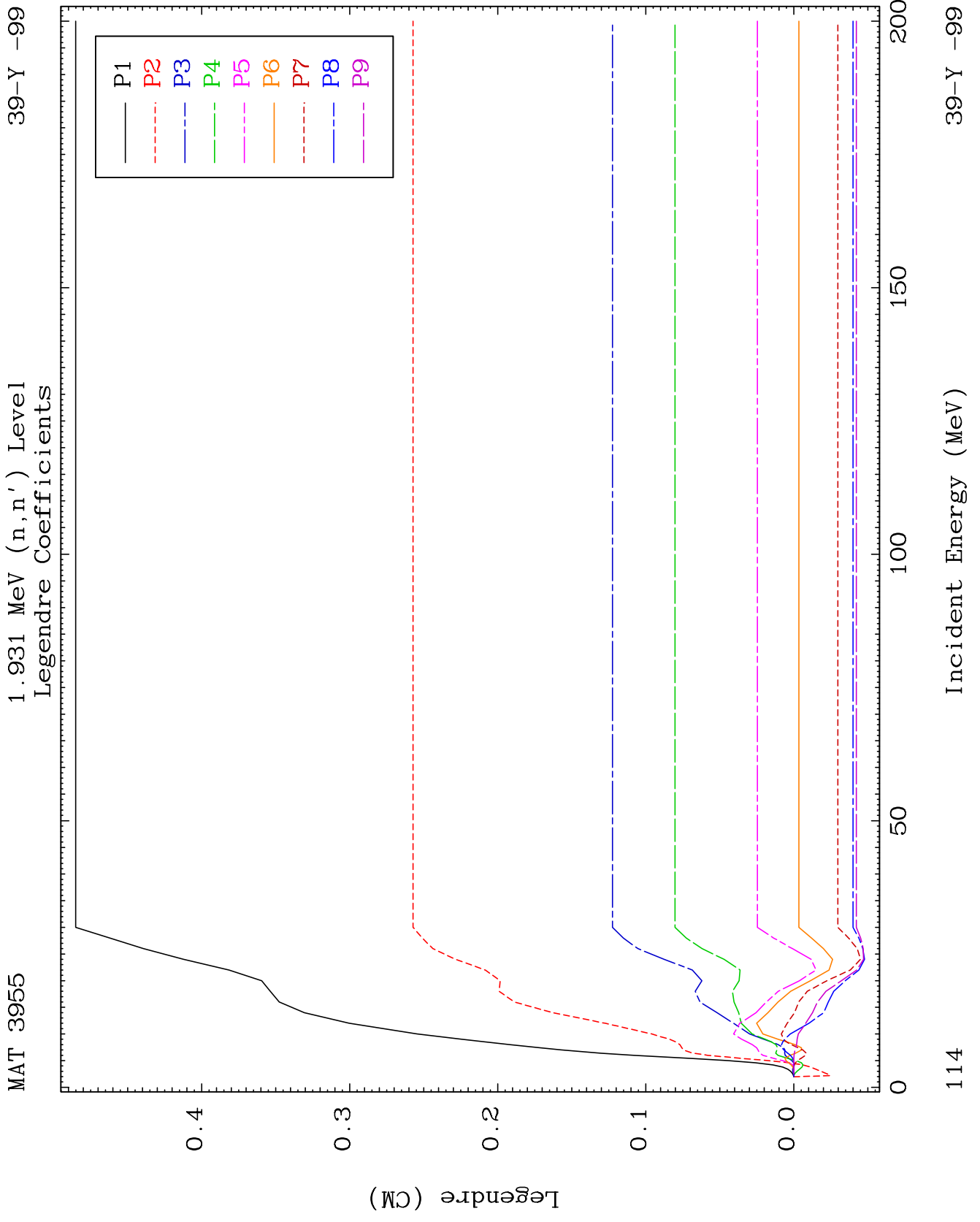


MAT 3955

1.869 MeV (n,n') Level
Legendre Coefficients

39-Y -99

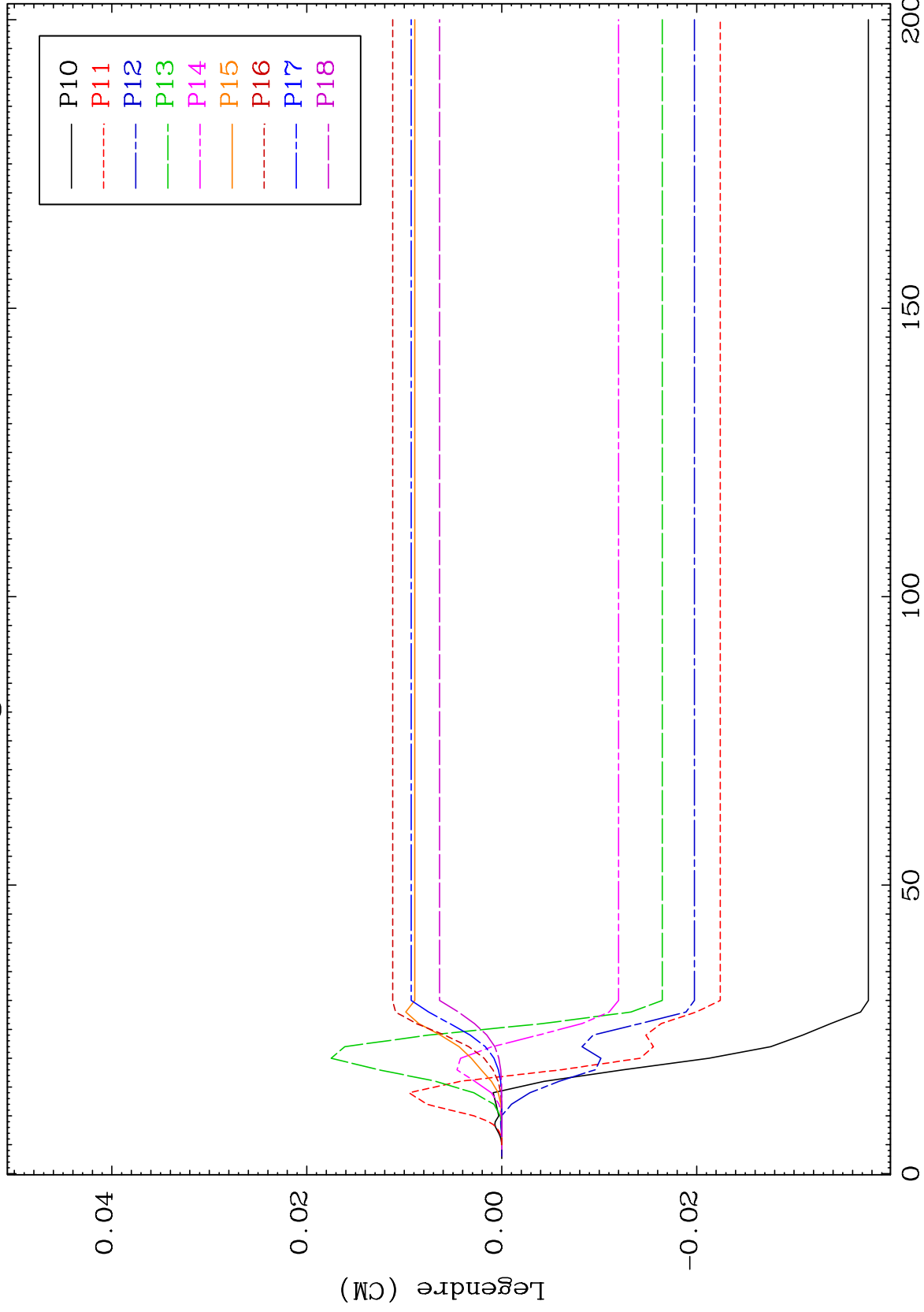




MAT 3955

1.931 MeV (n,n') Level
Legendre Coefficients

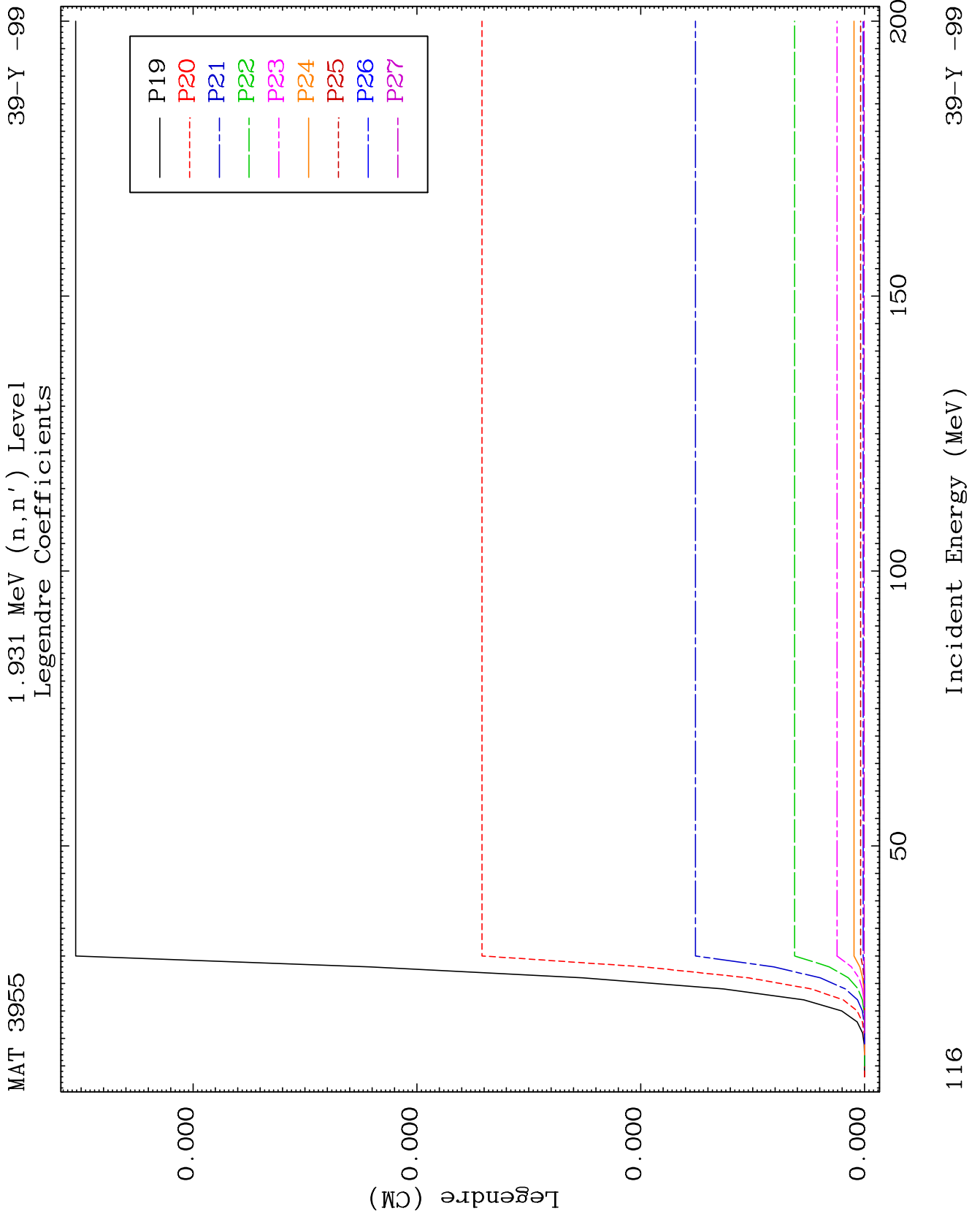
39-Y -99

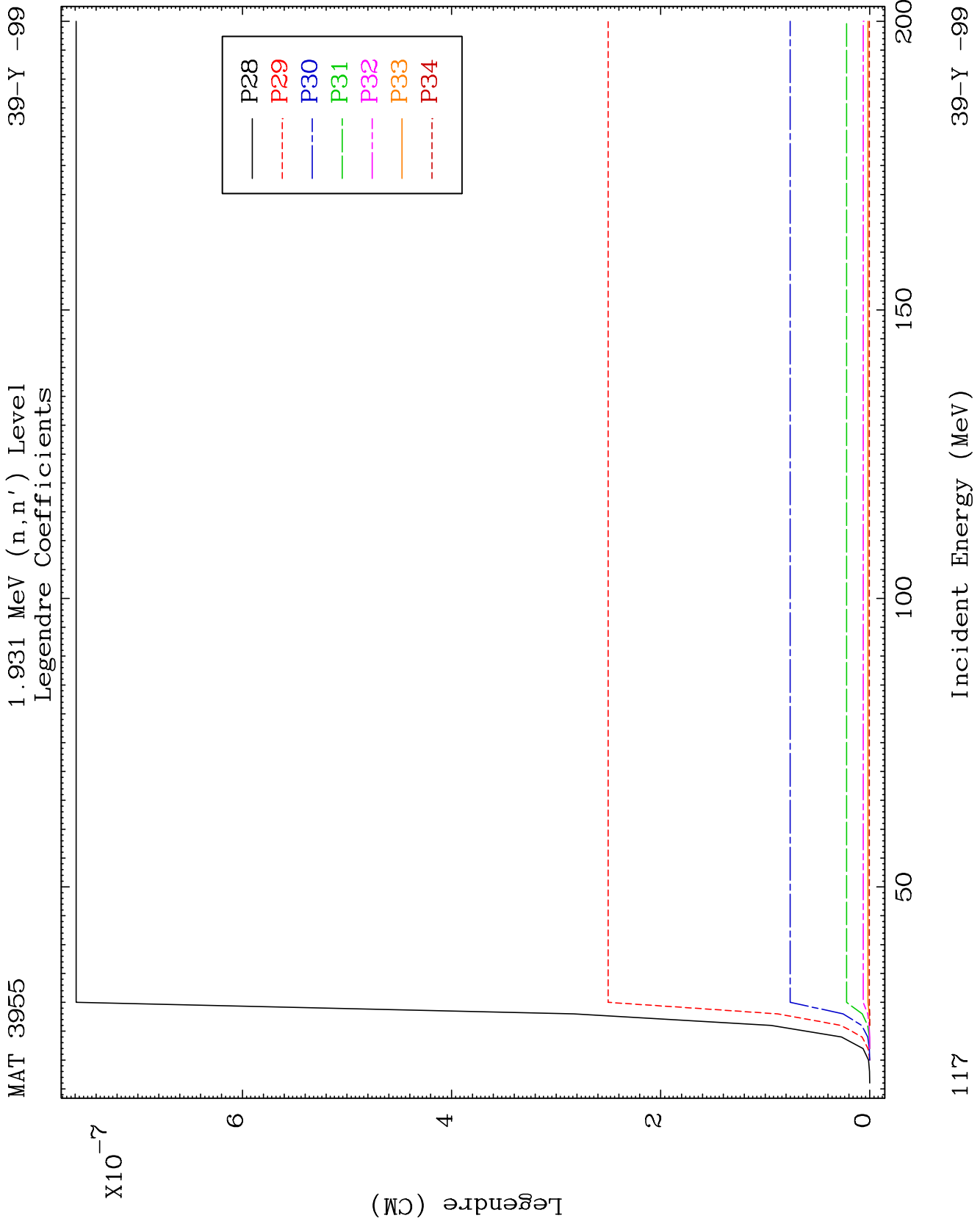


115

Incident Energy (MeV)

39-Y -99

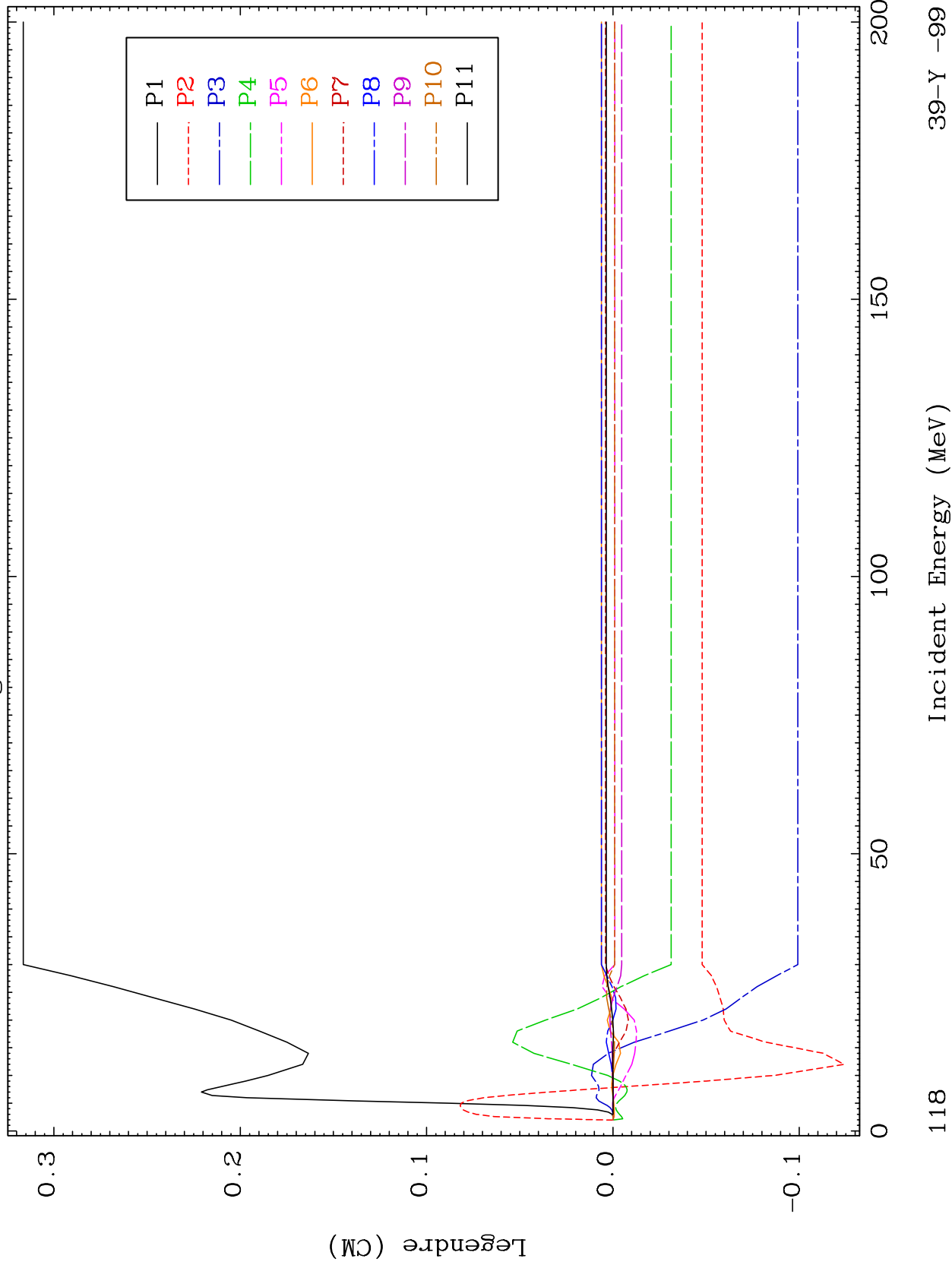




MAT 3955

1.933 MeV (n,n') Level
Legendre Coefficients

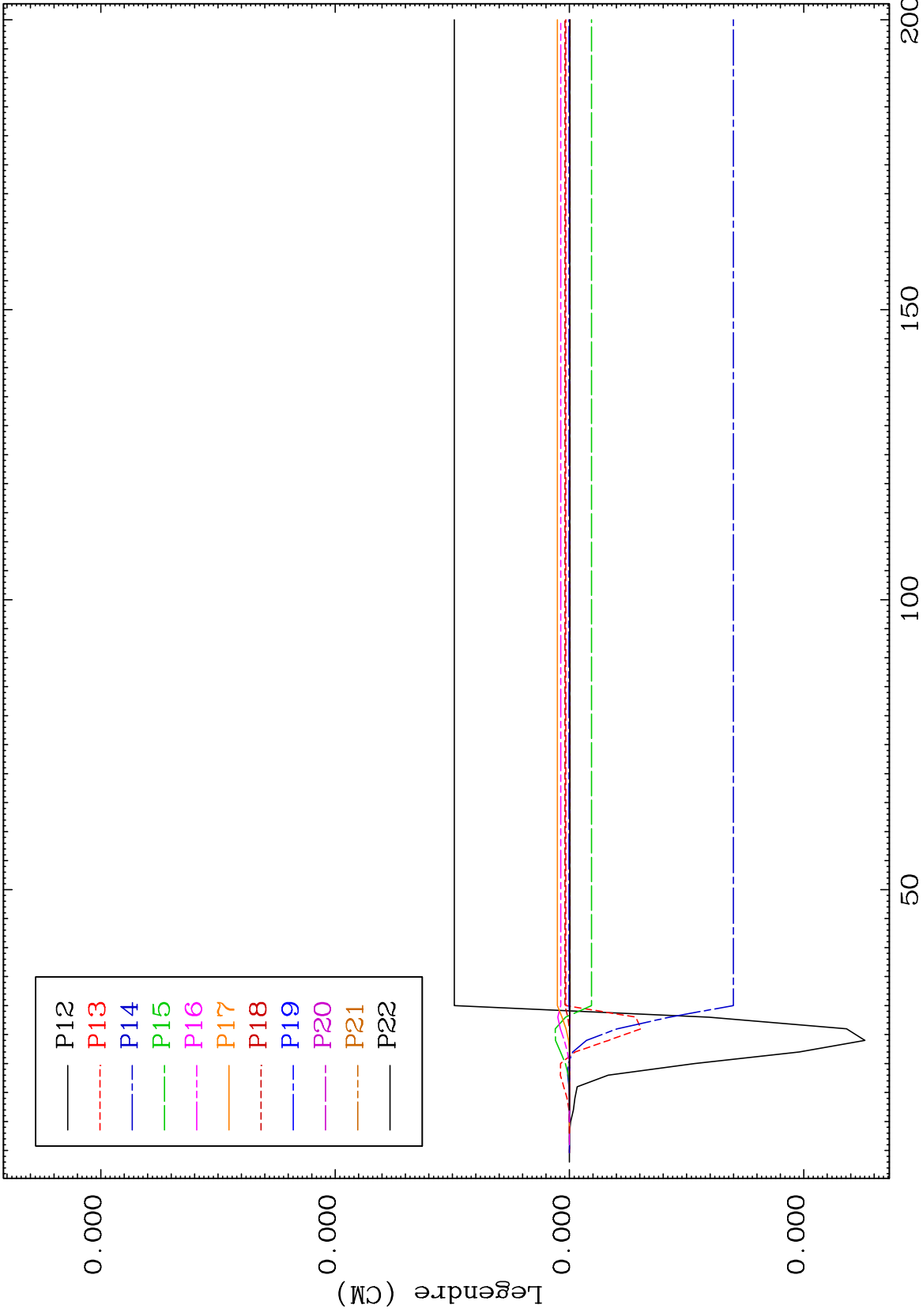
39-Y -99

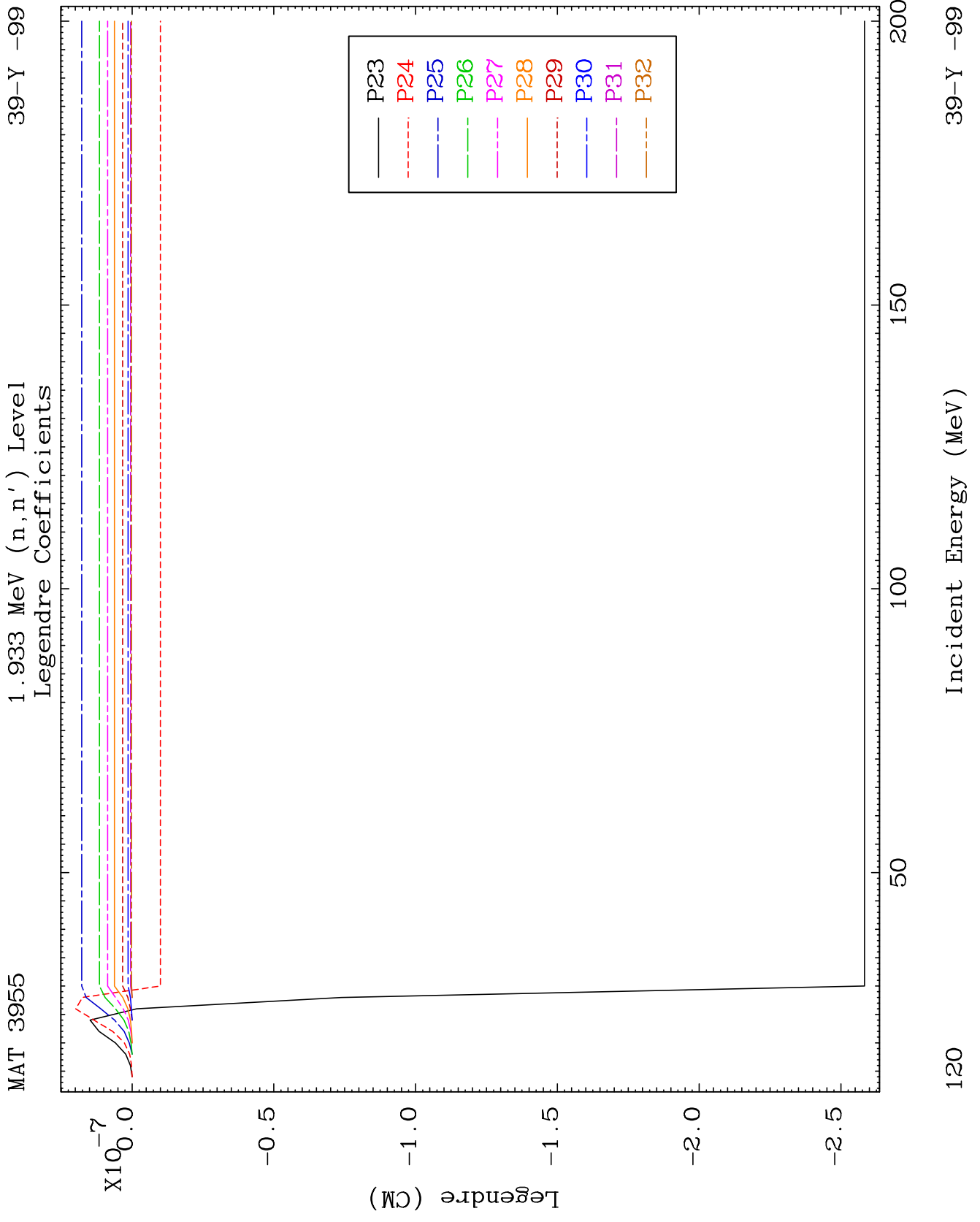


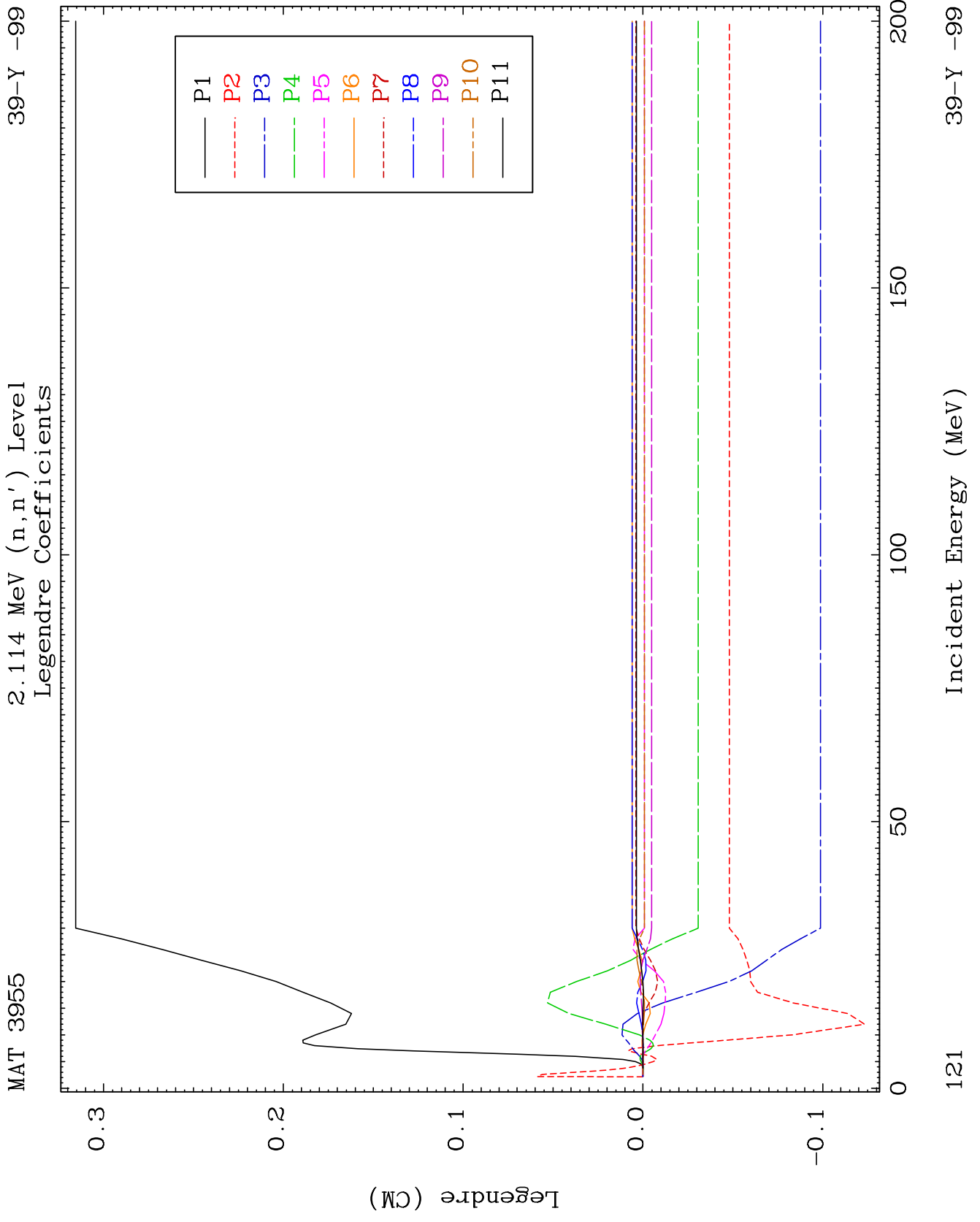
118

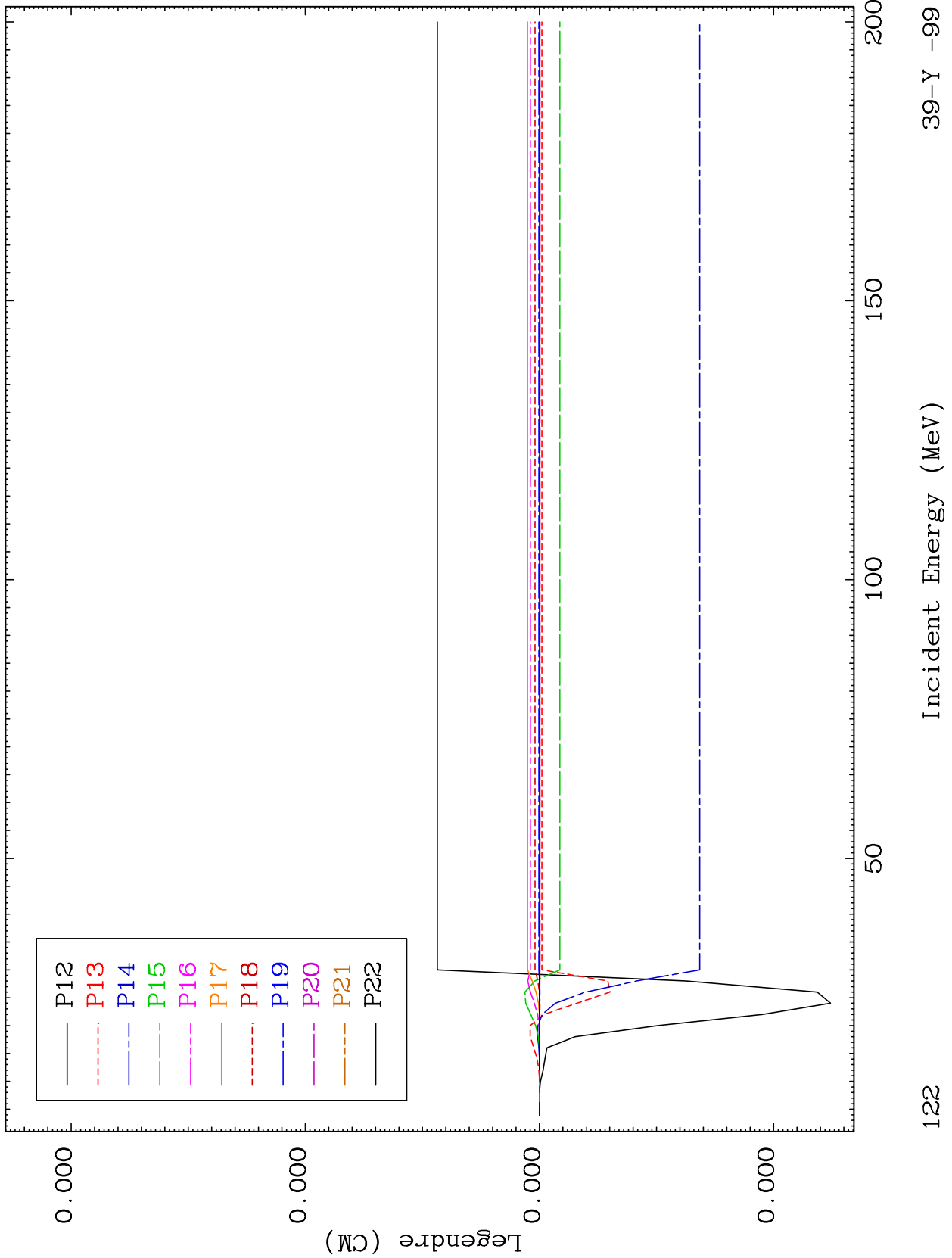
Incident Energy (MeV)

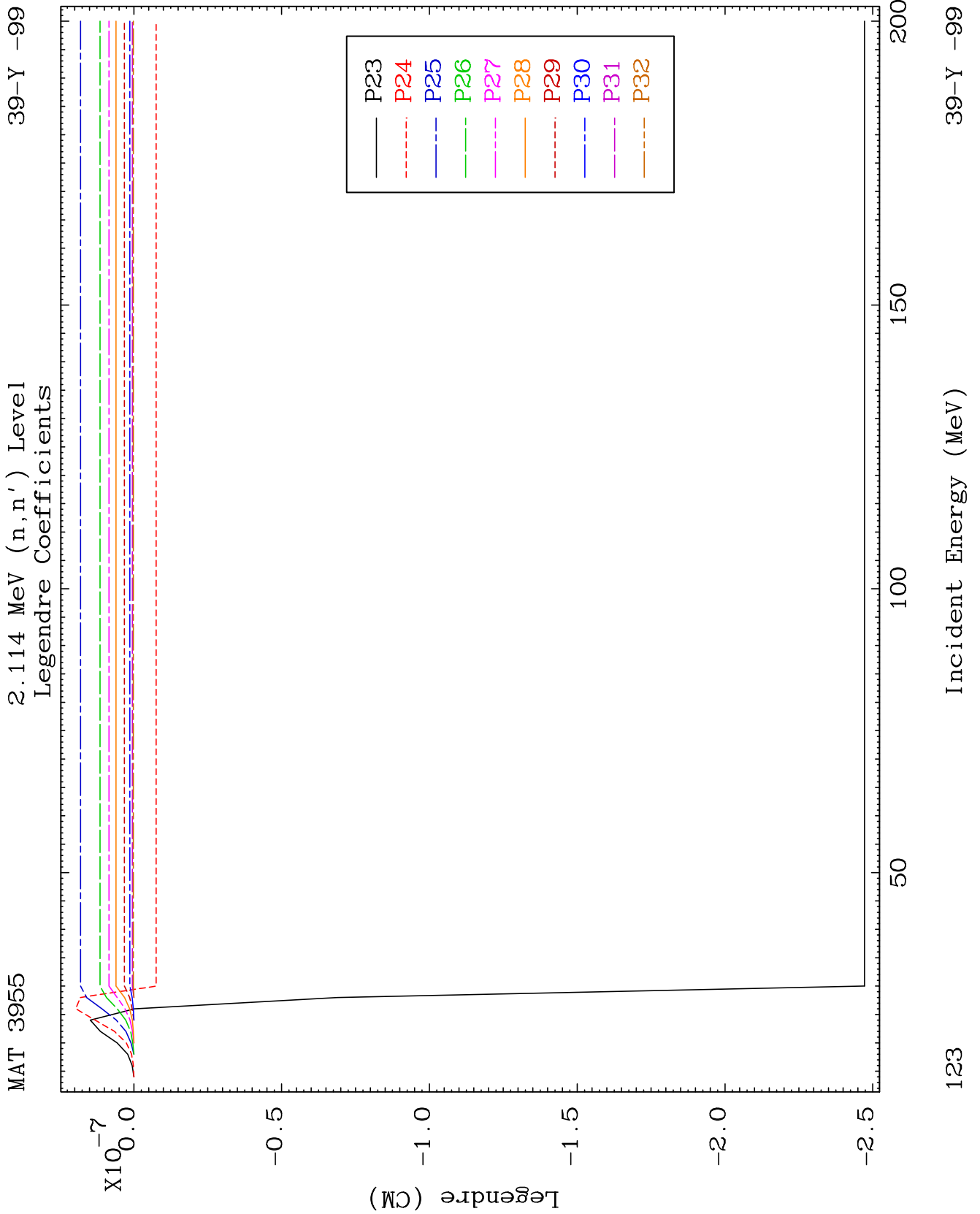
39-Y -99







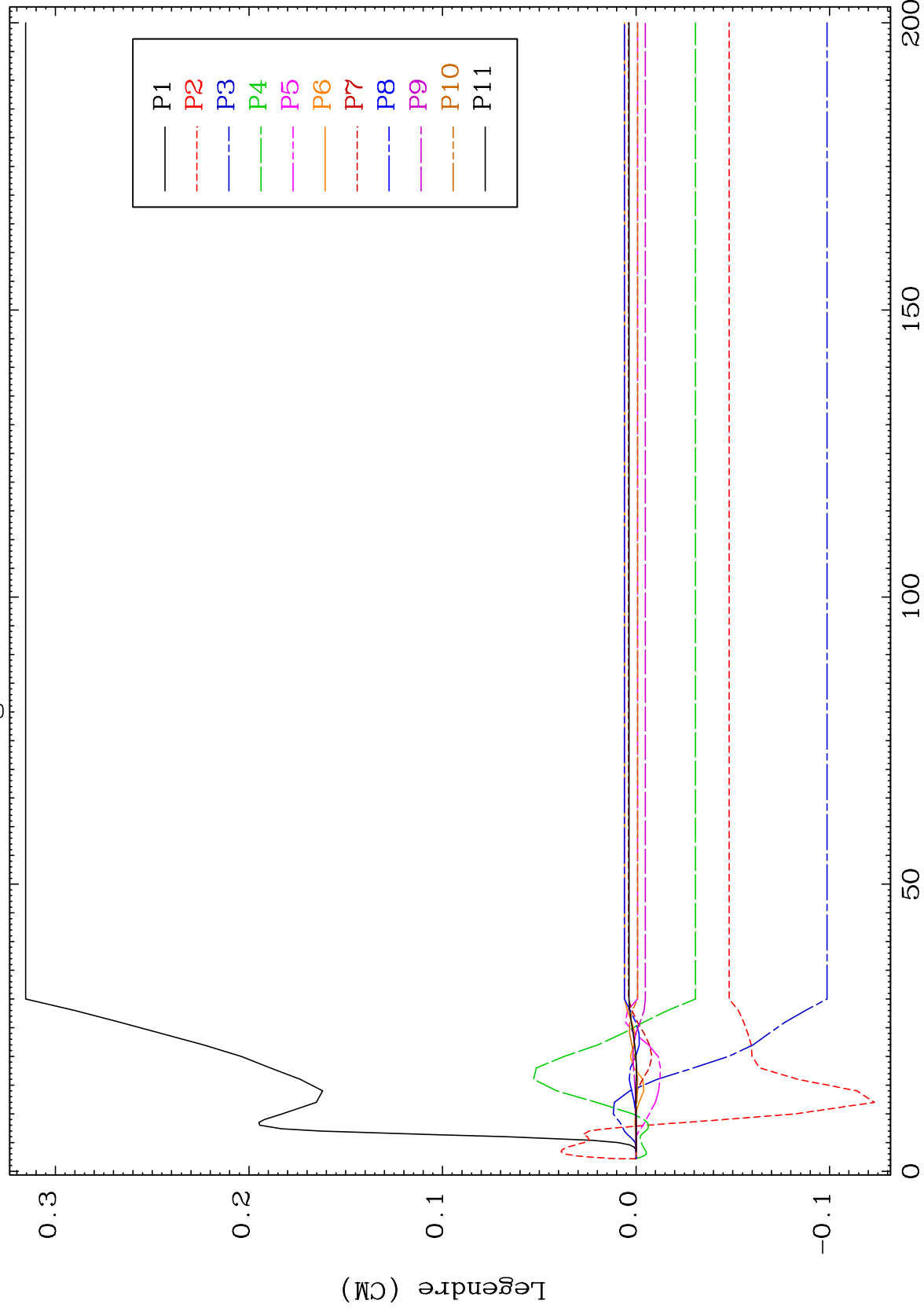




MAT 3955

2.142 MeV (n,n') Level
Legendre Coefficients

39-Y -99



124

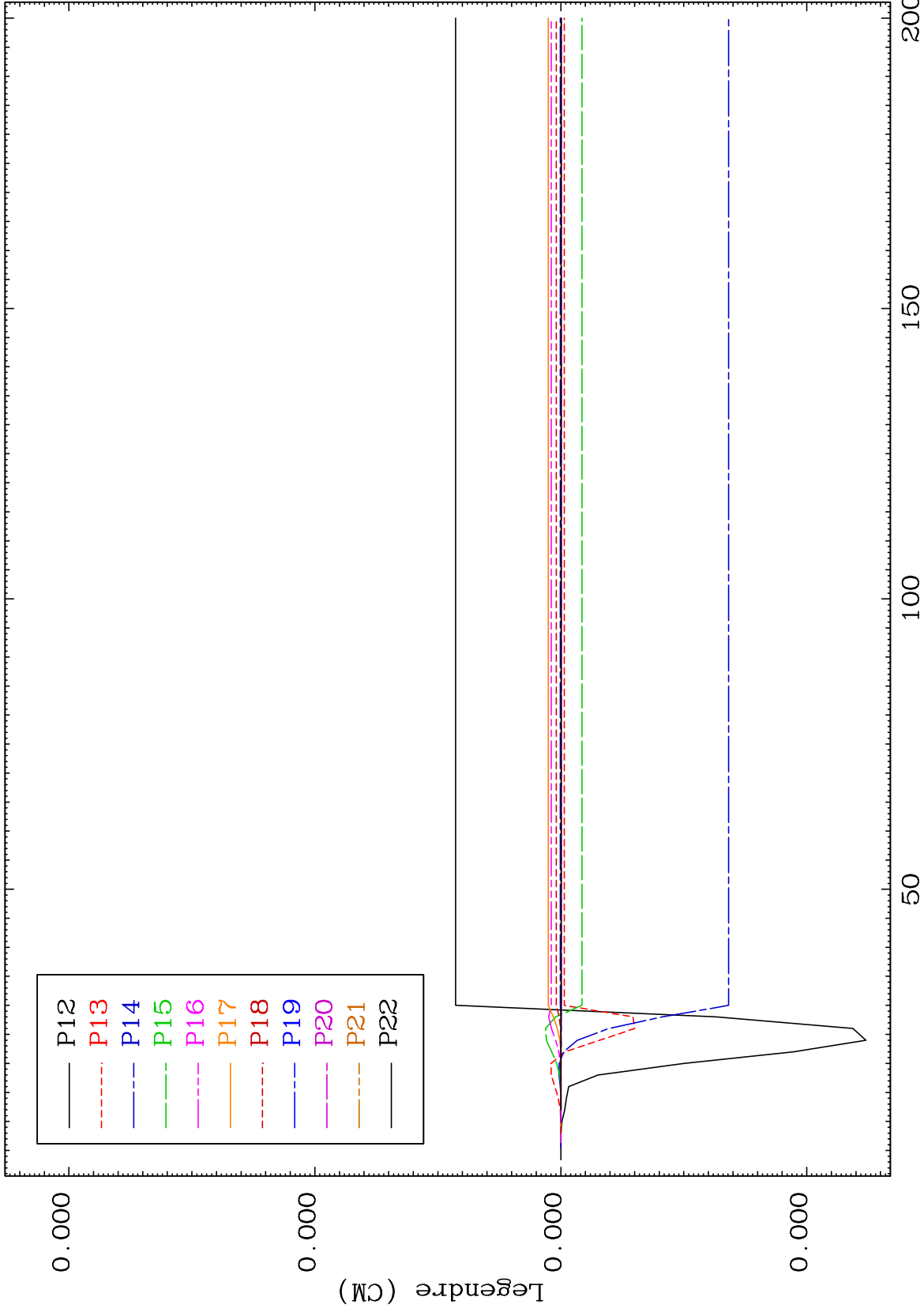
Incident Energy (MeV)

39-Y -99

MAT 3955

2.142 MeV (n,n') Level
Legendre Coefficients

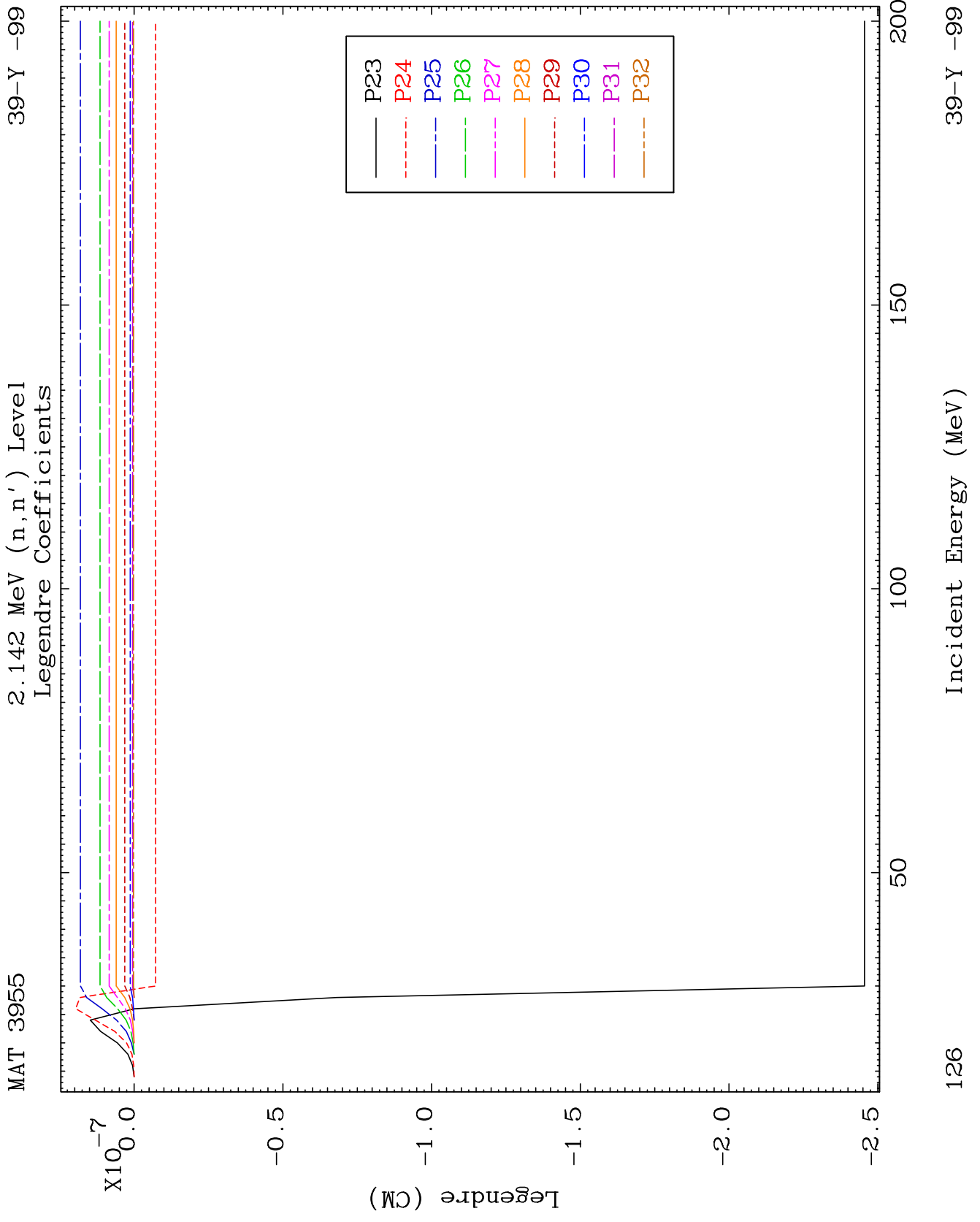
39-Y -99

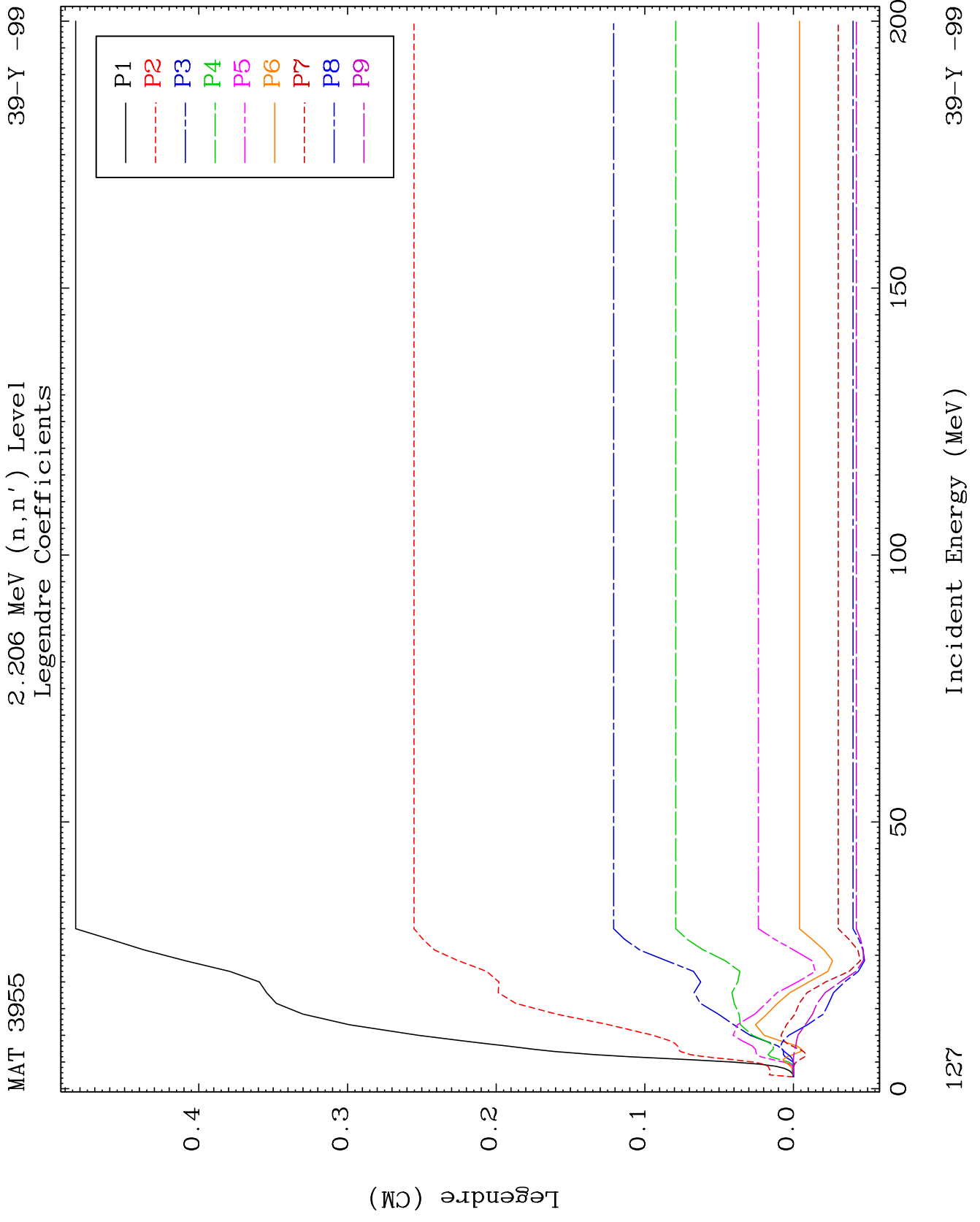


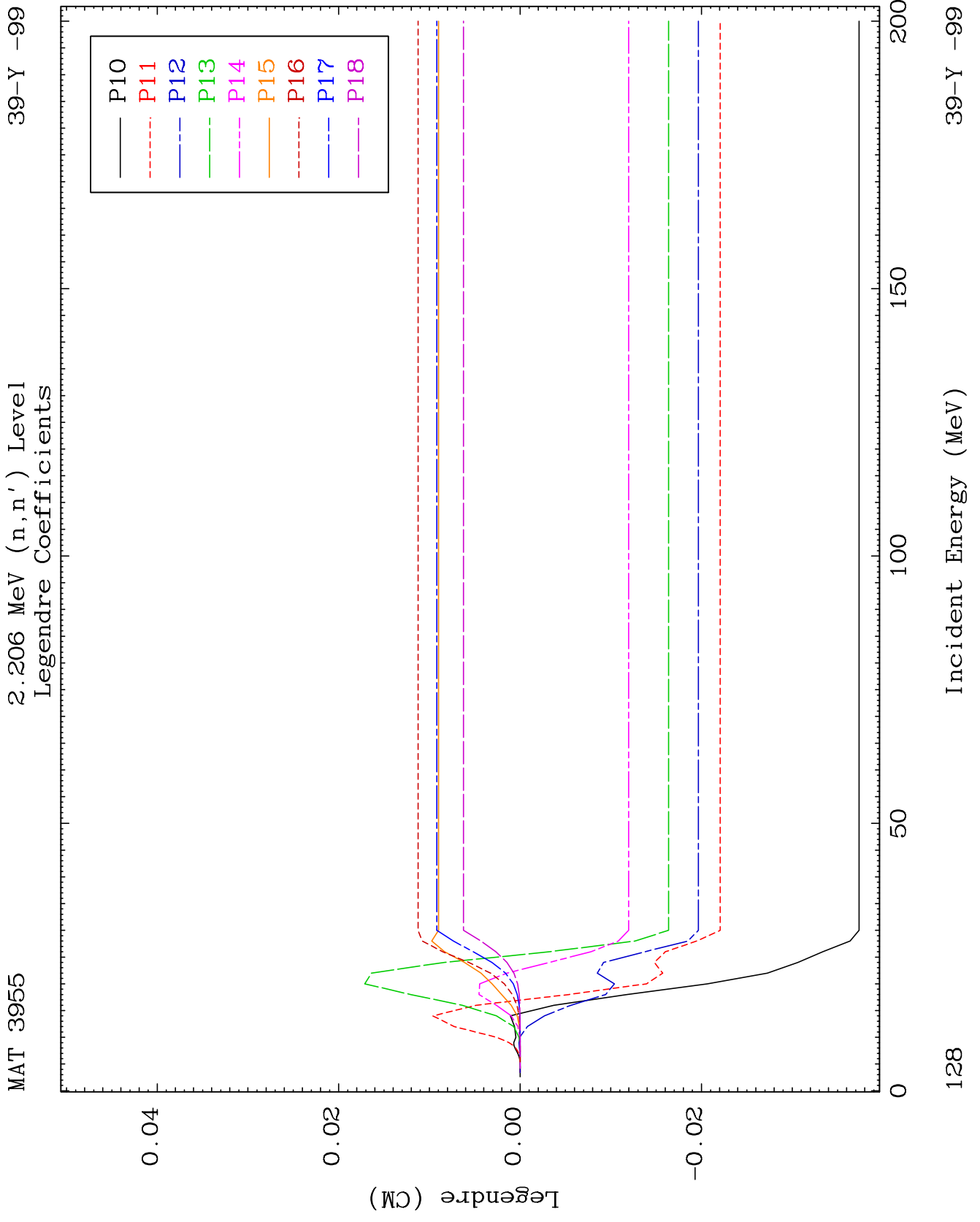
125

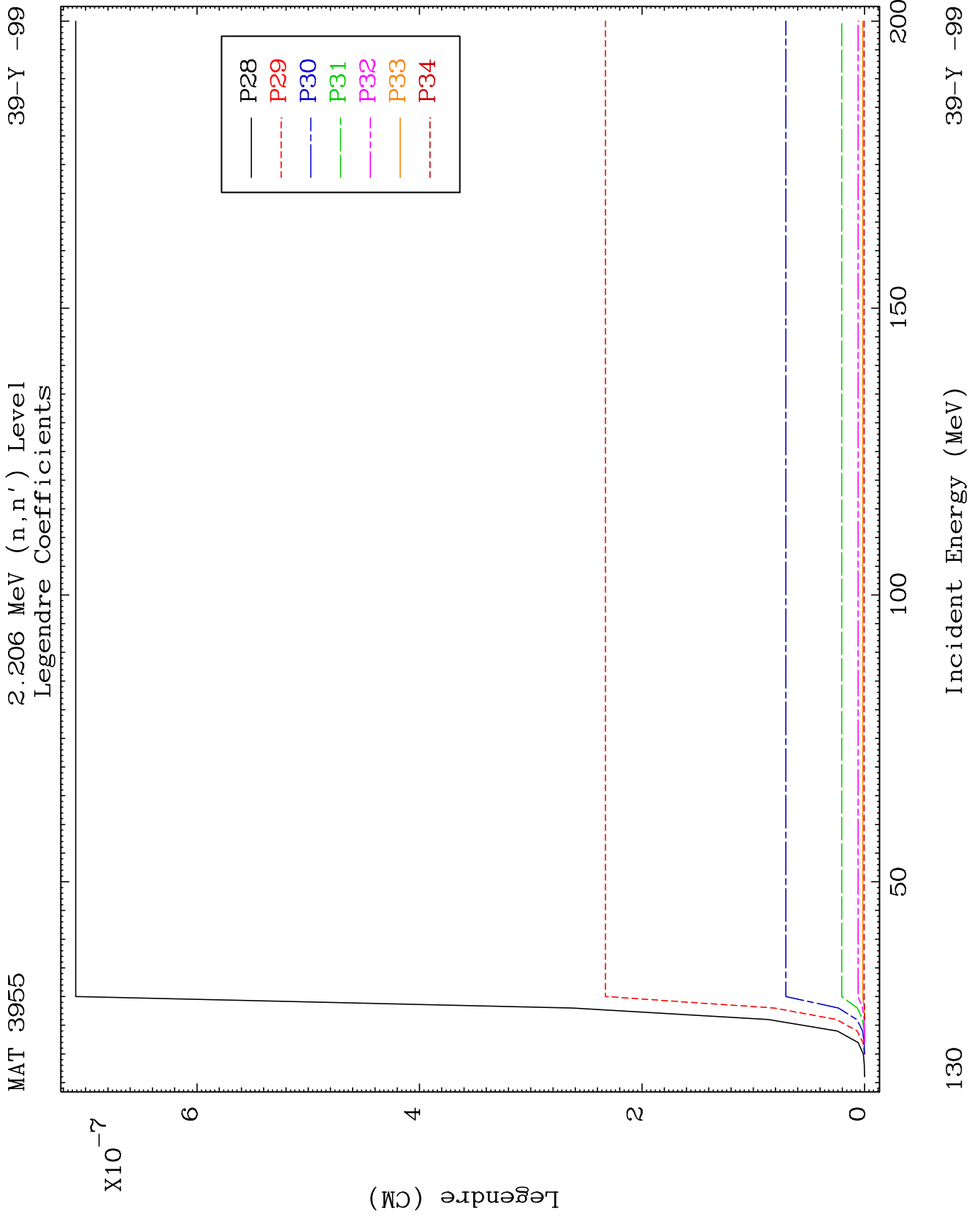
Incident Energy (MeV)

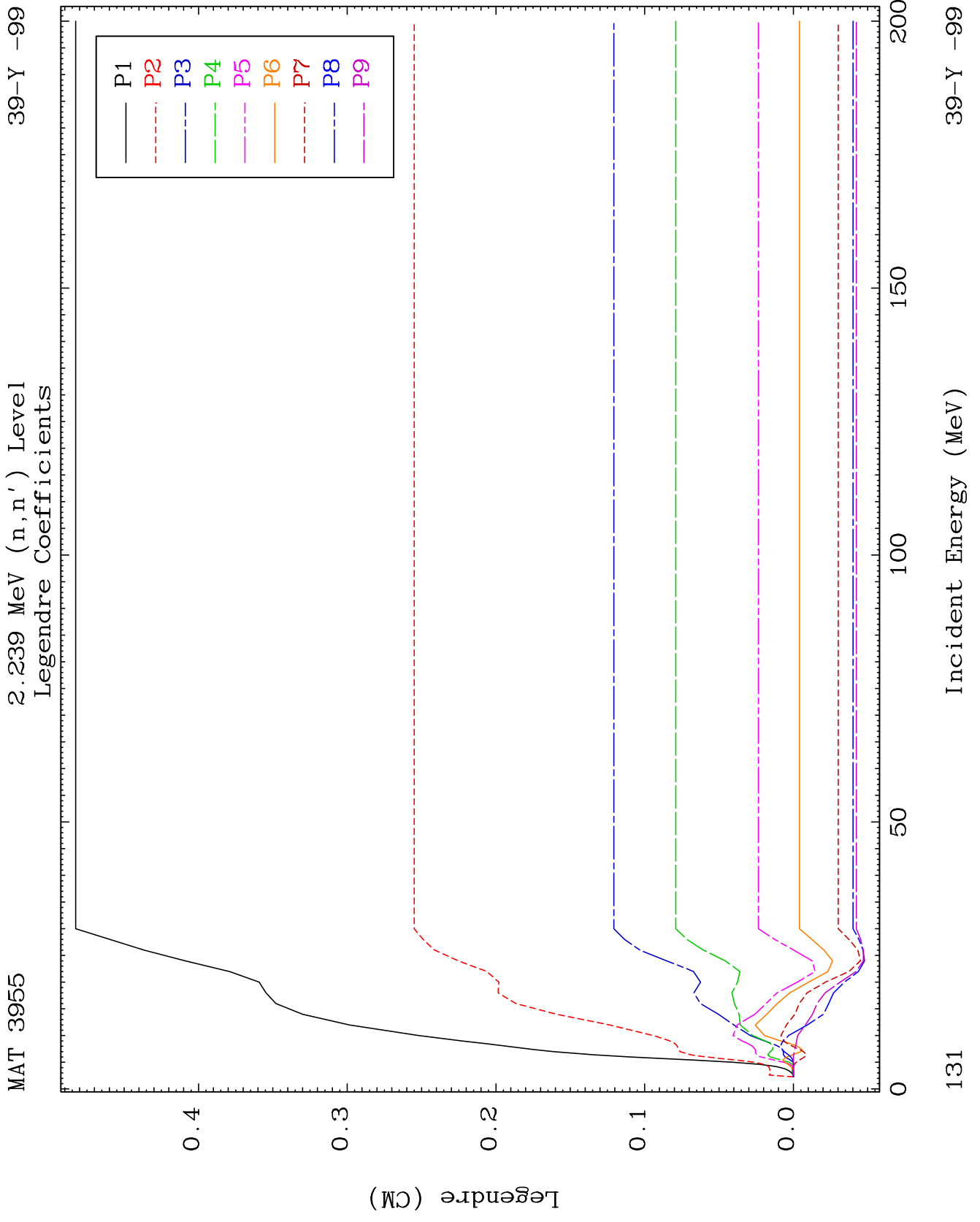
39-Y -99

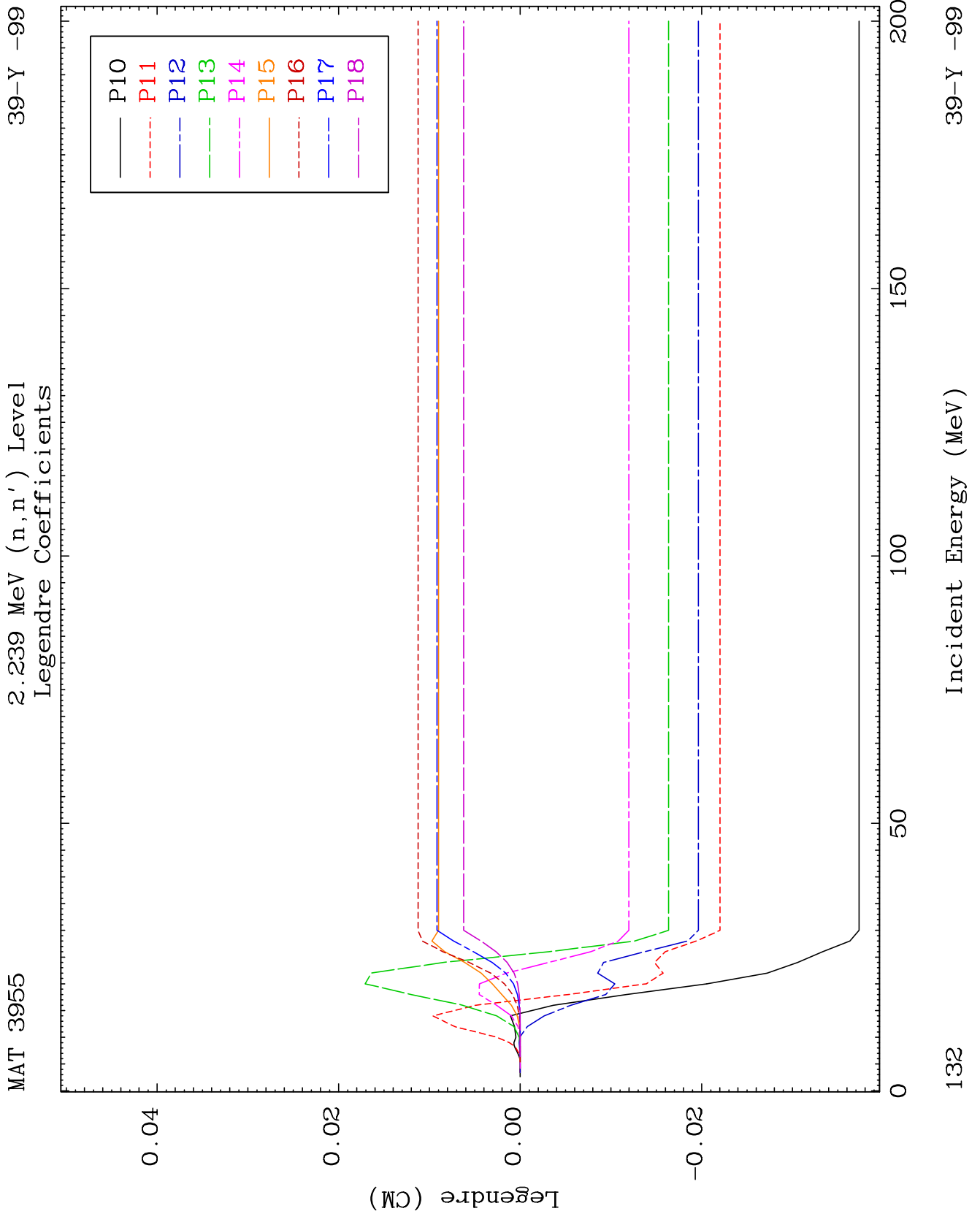


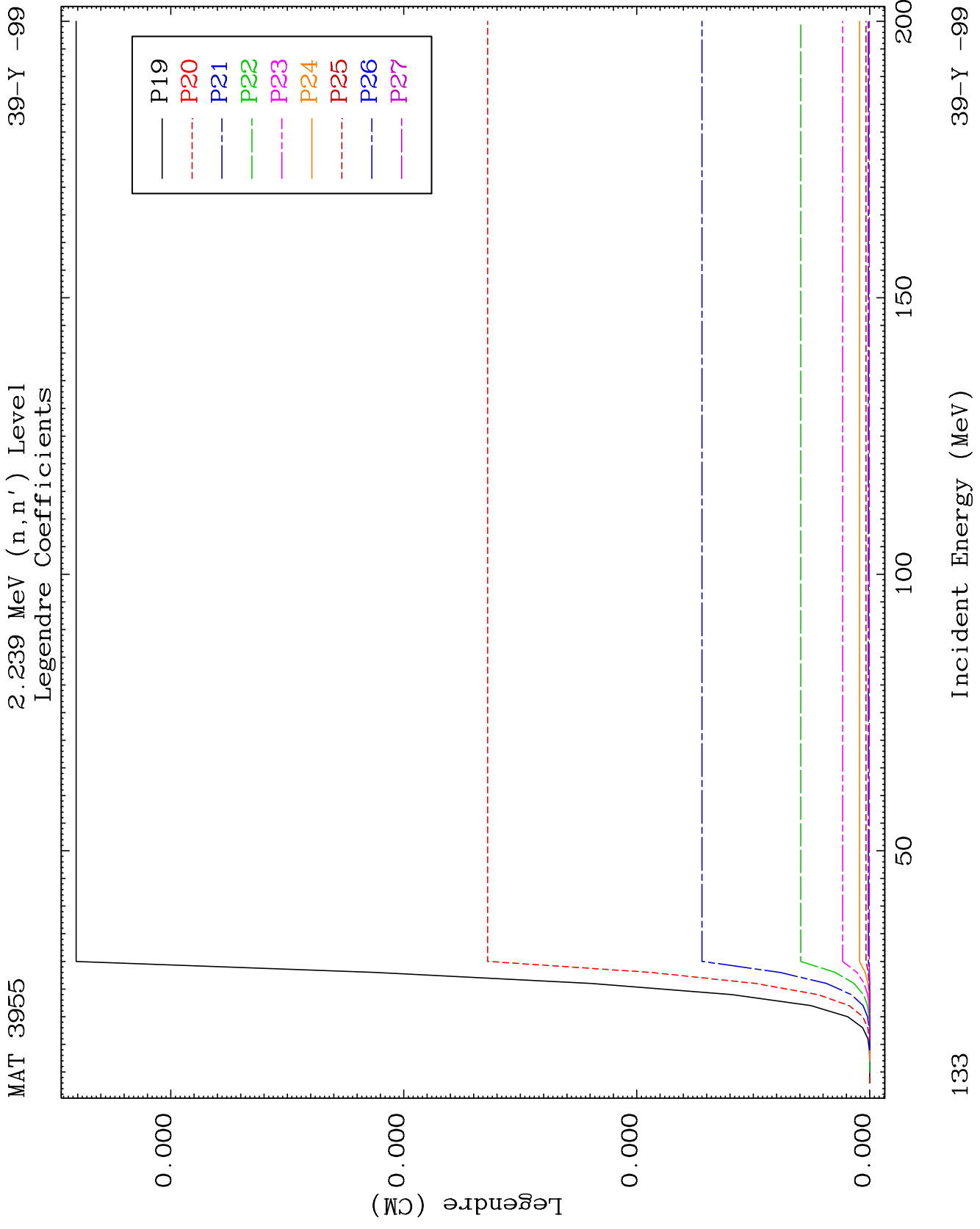


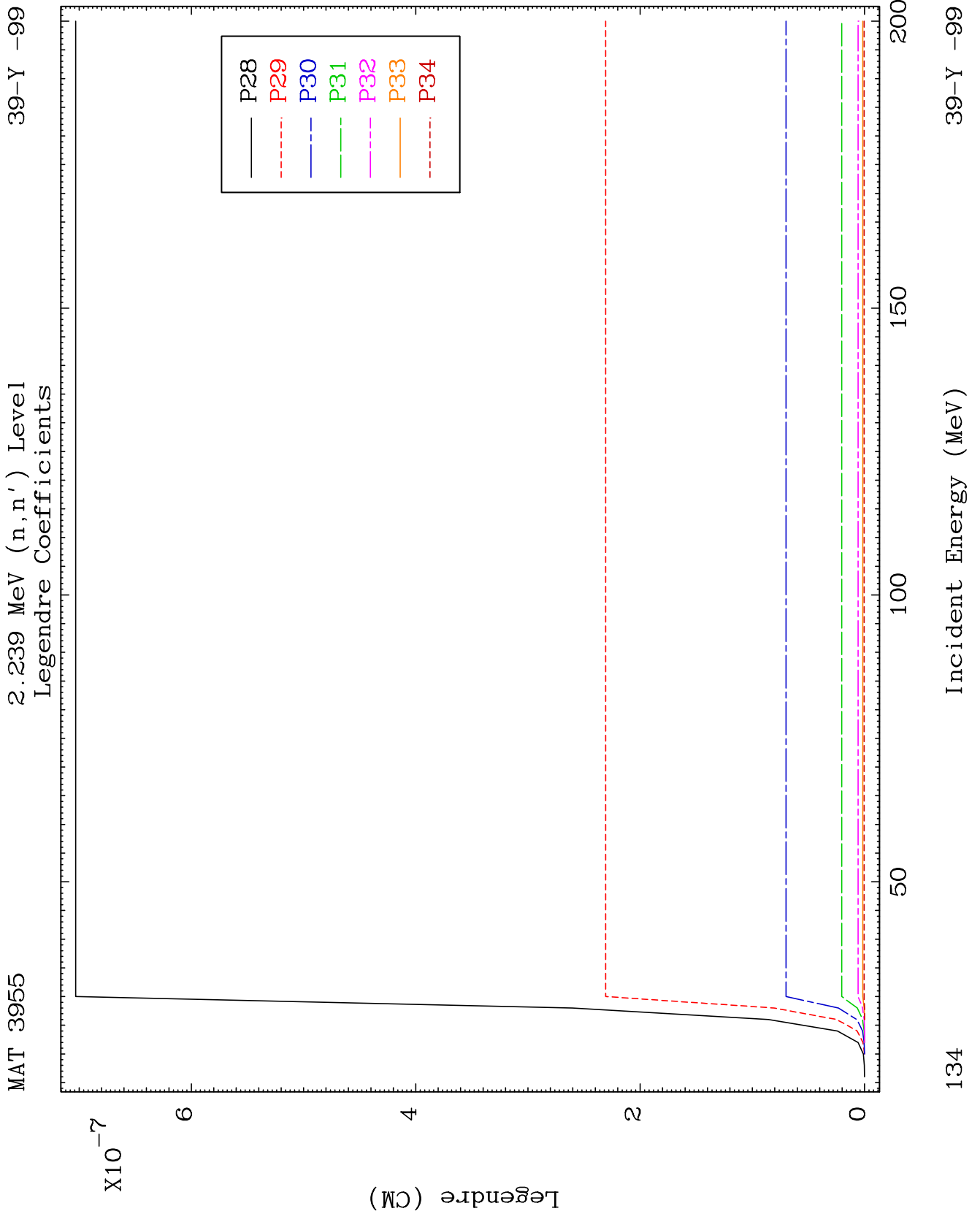


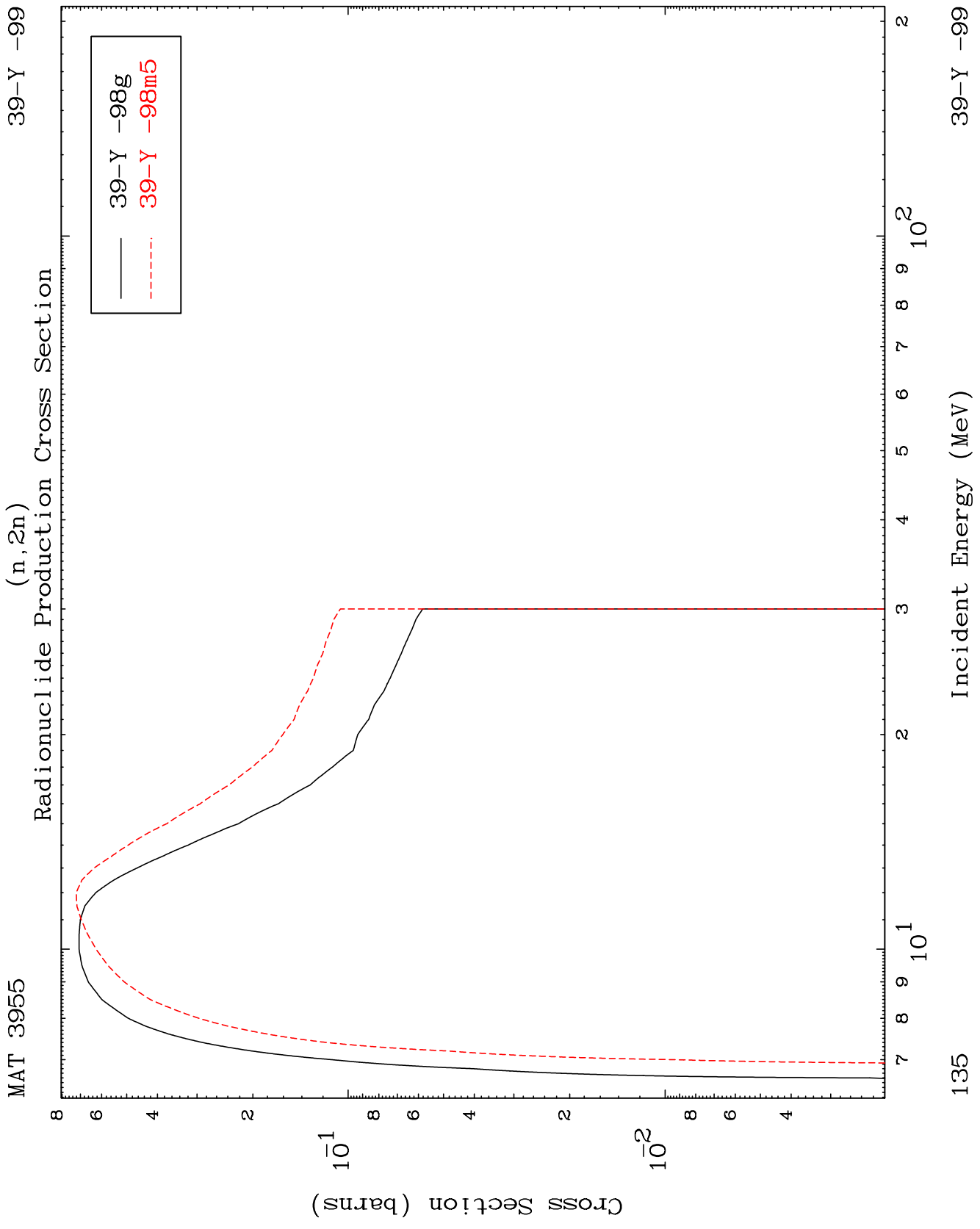


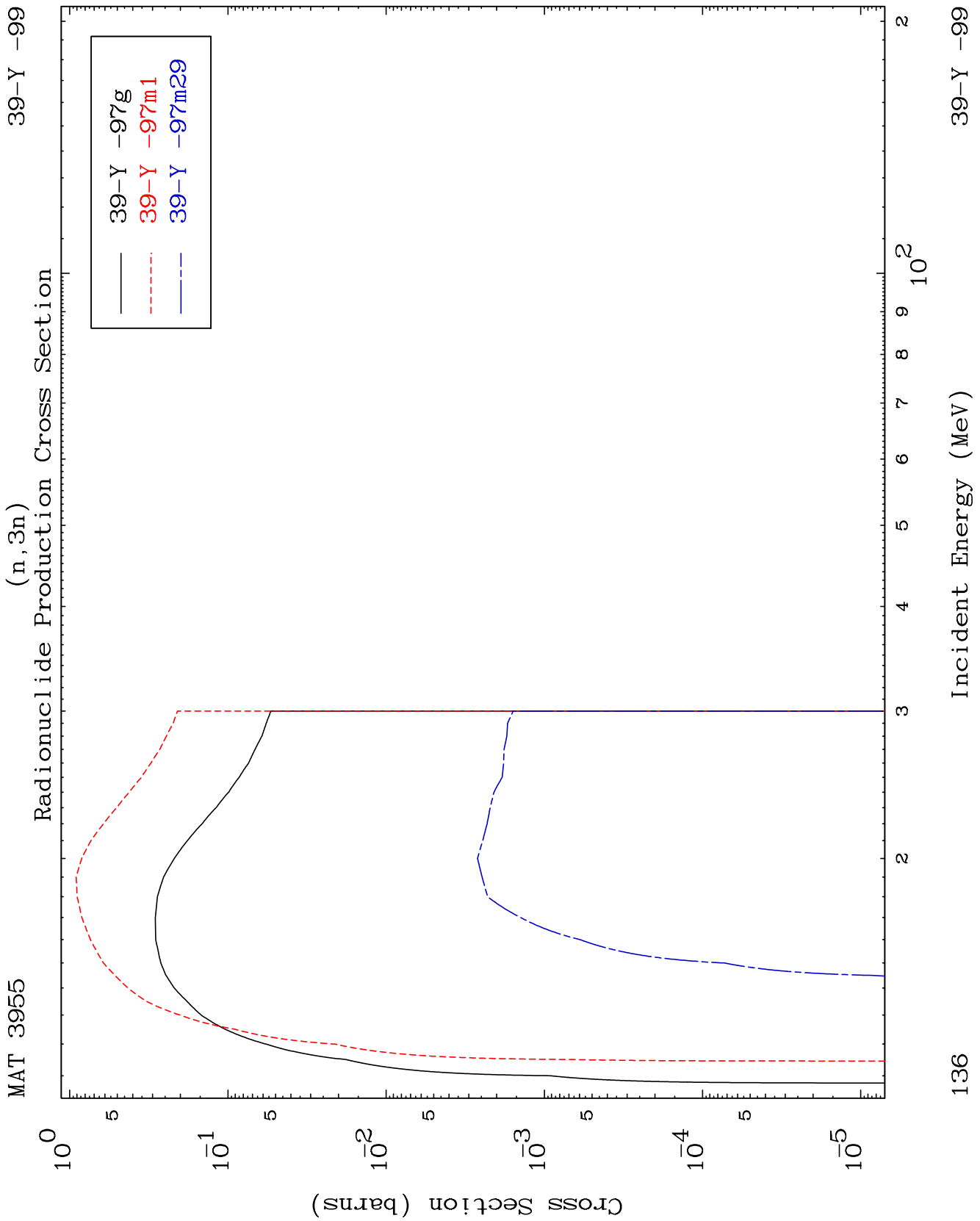








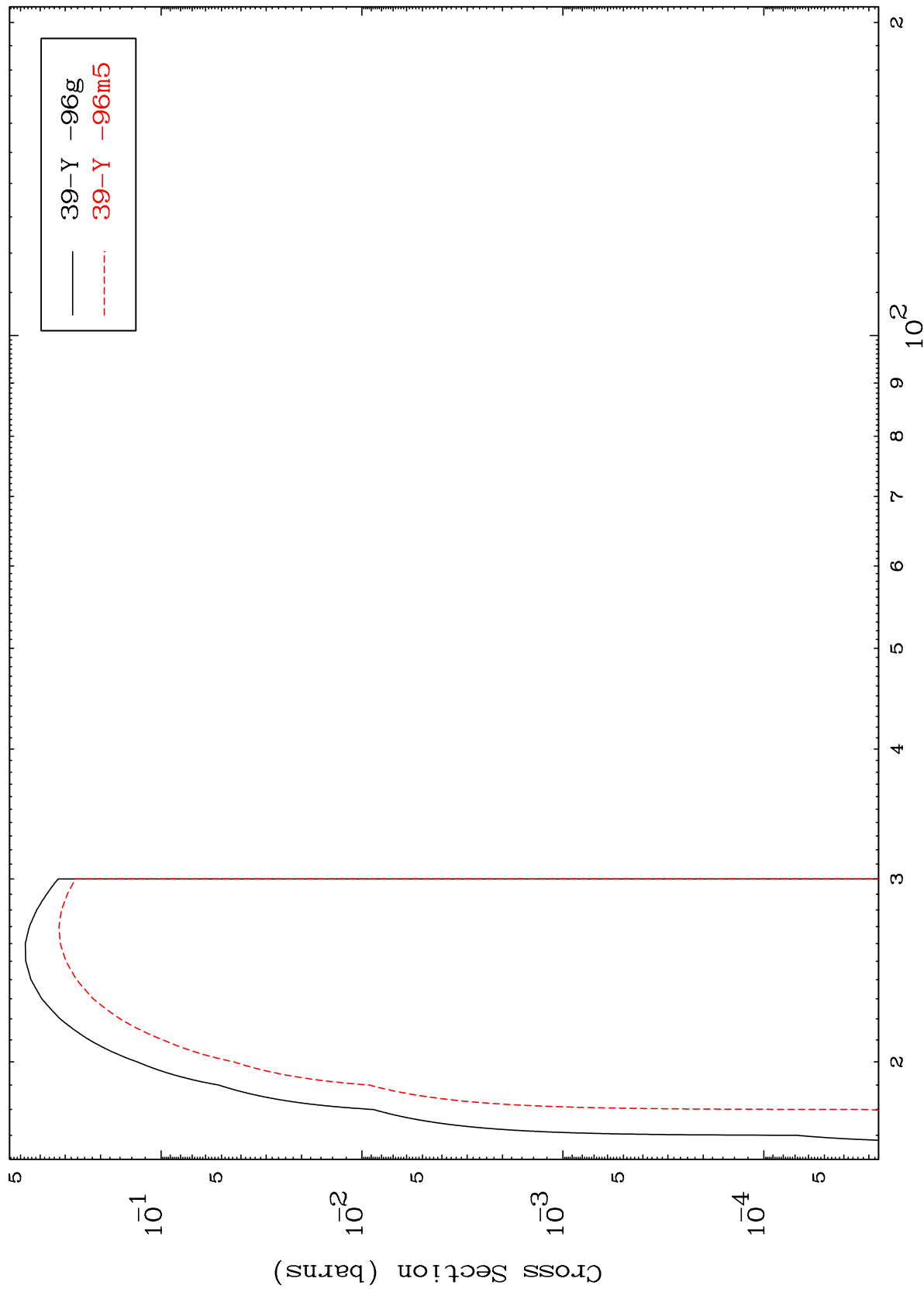




MAT 3955

39-Y -99

(n,4n)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

39-Y -99

Radionuclide Production Cross Section
(n,γ)

