

Program EVALPLOT
(Version 2015-2)

by

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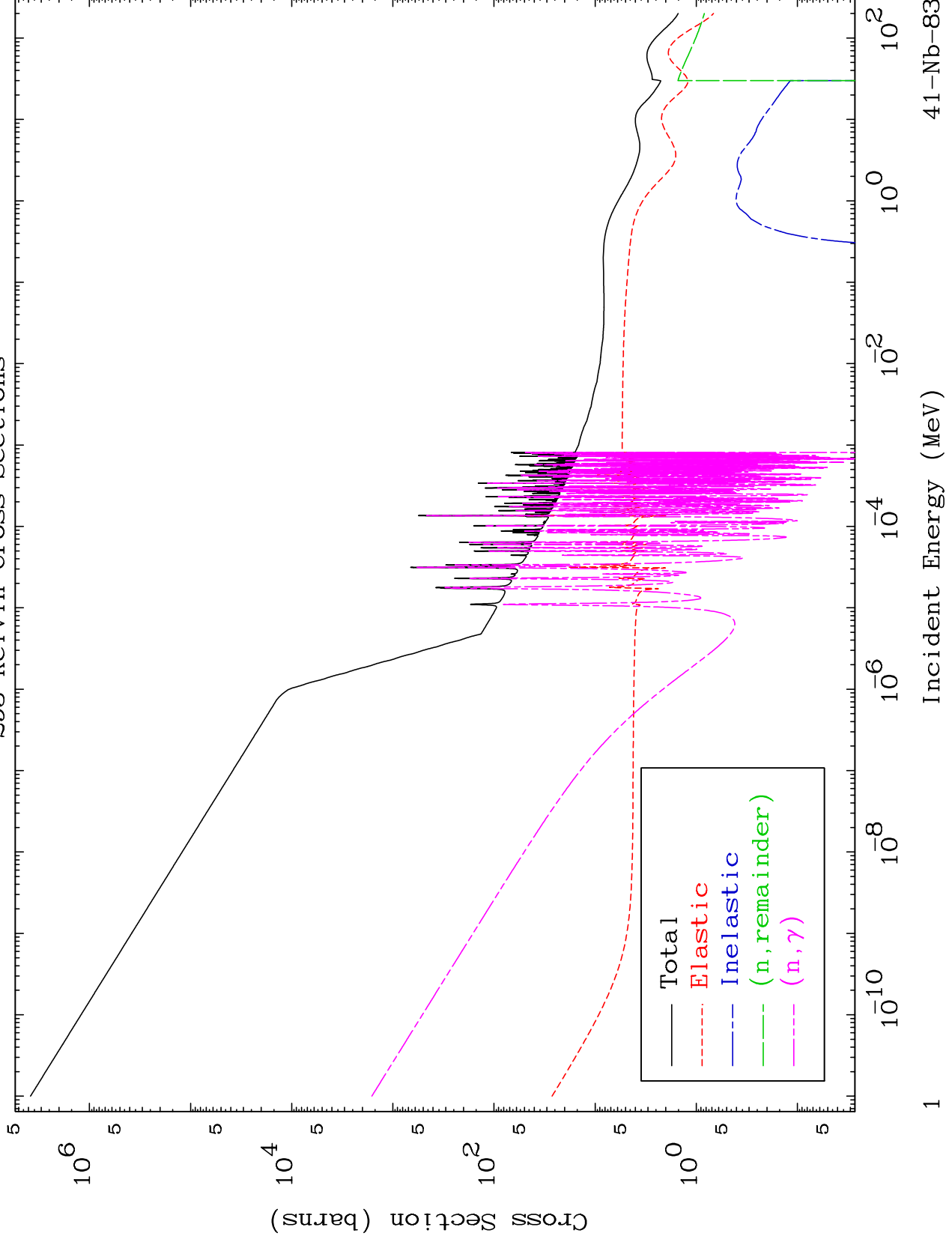
Press Mouse Button to Start

MAT 4095

Major

293 Kelvin Cross Sections

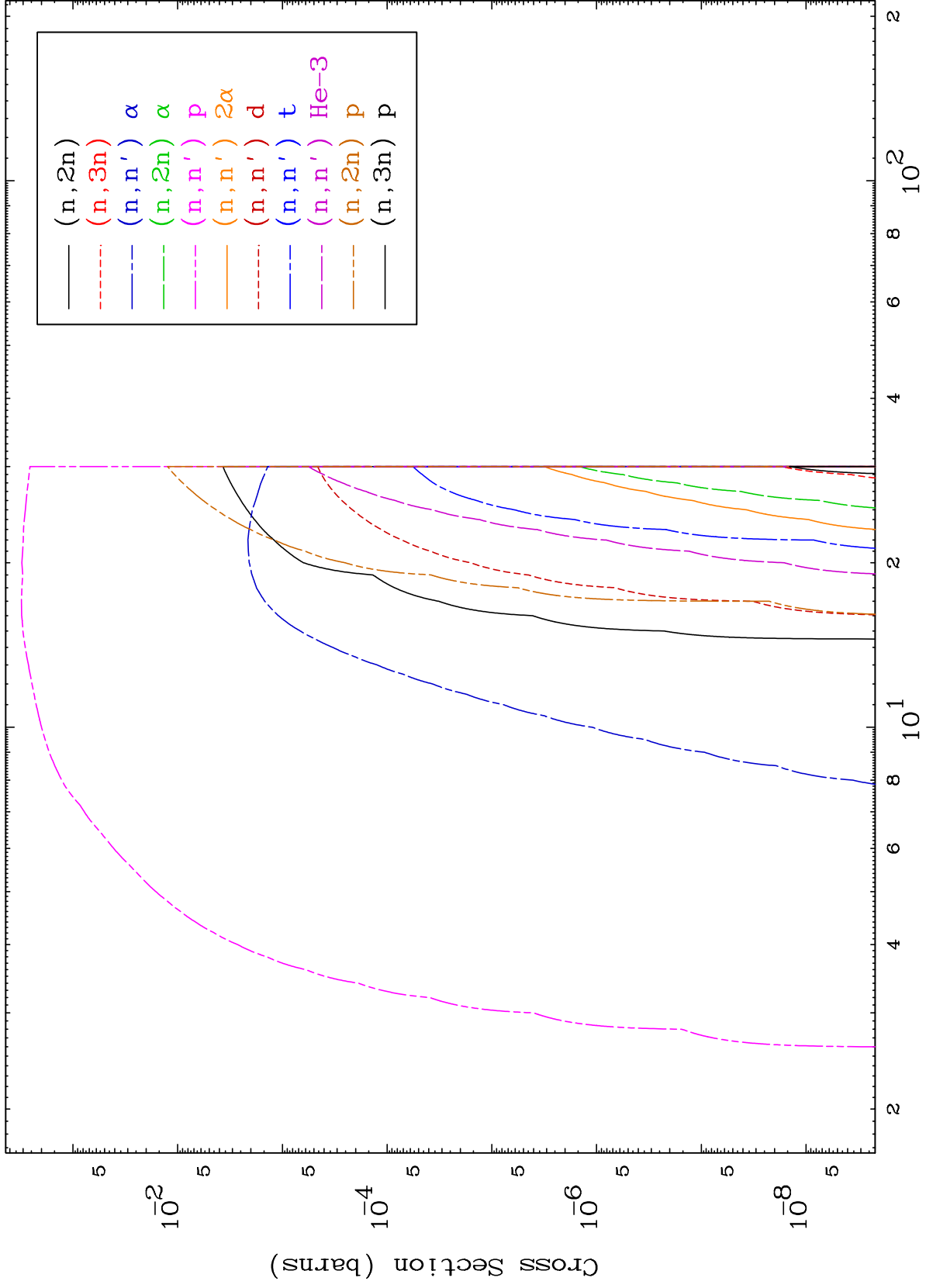
41-Nb-83



MAT 4095

Neutron Production
293 Kelvin Cross Sections

41-Nb-83



2

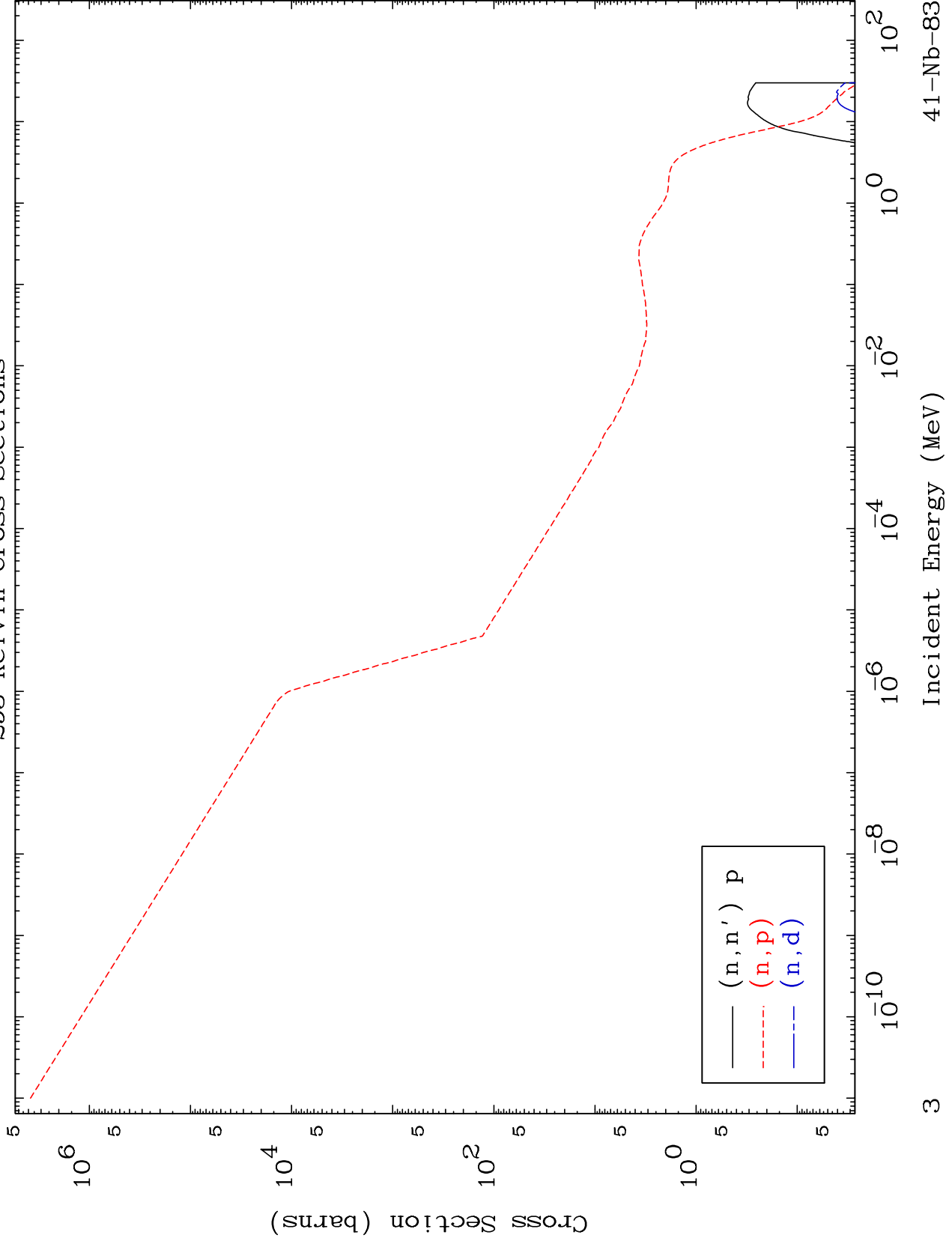
Incident Energy (MeV)

41-Nb-83

MAT 4095

Charged Particle
293 Kelvin Cross Sections

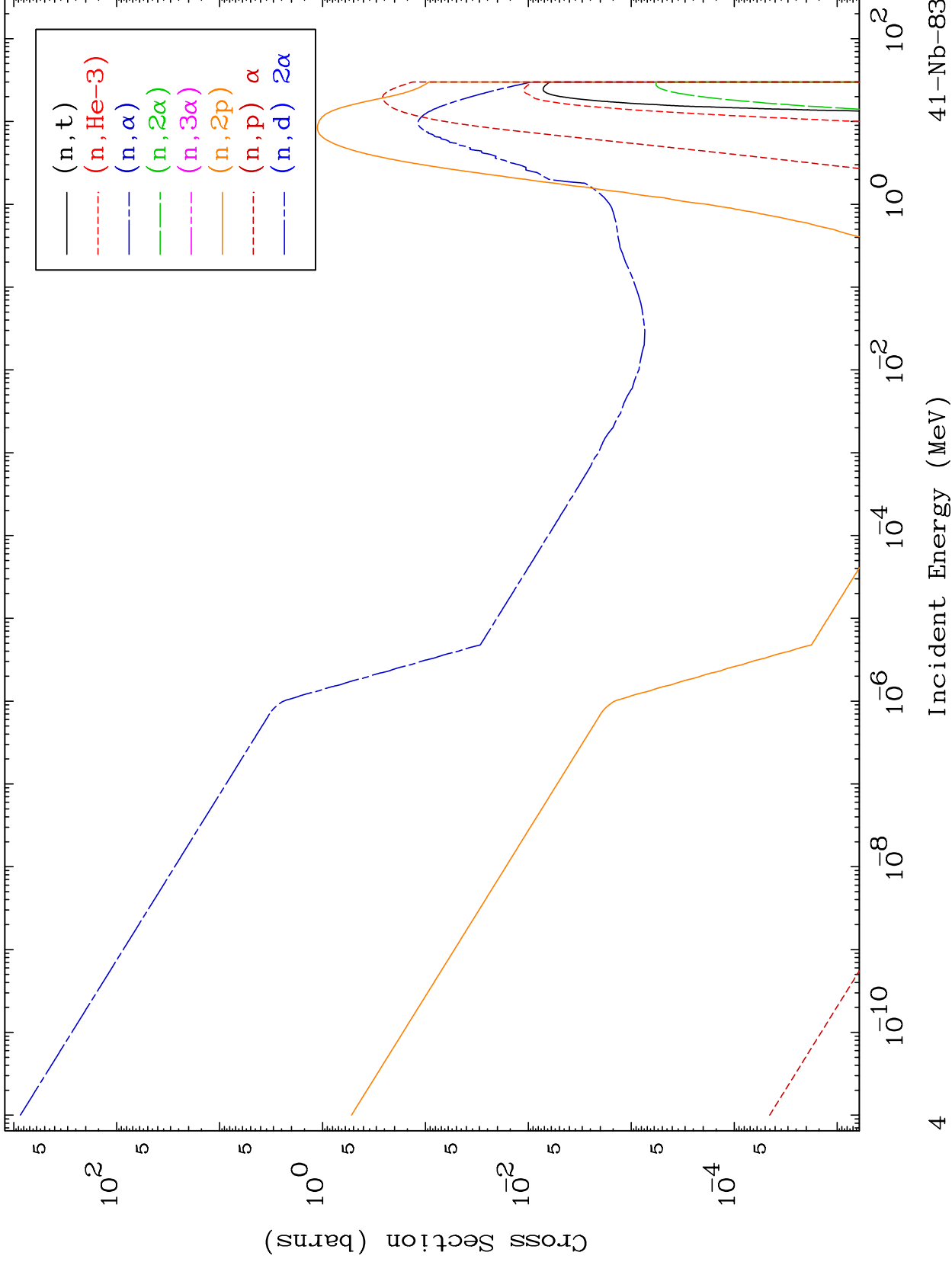
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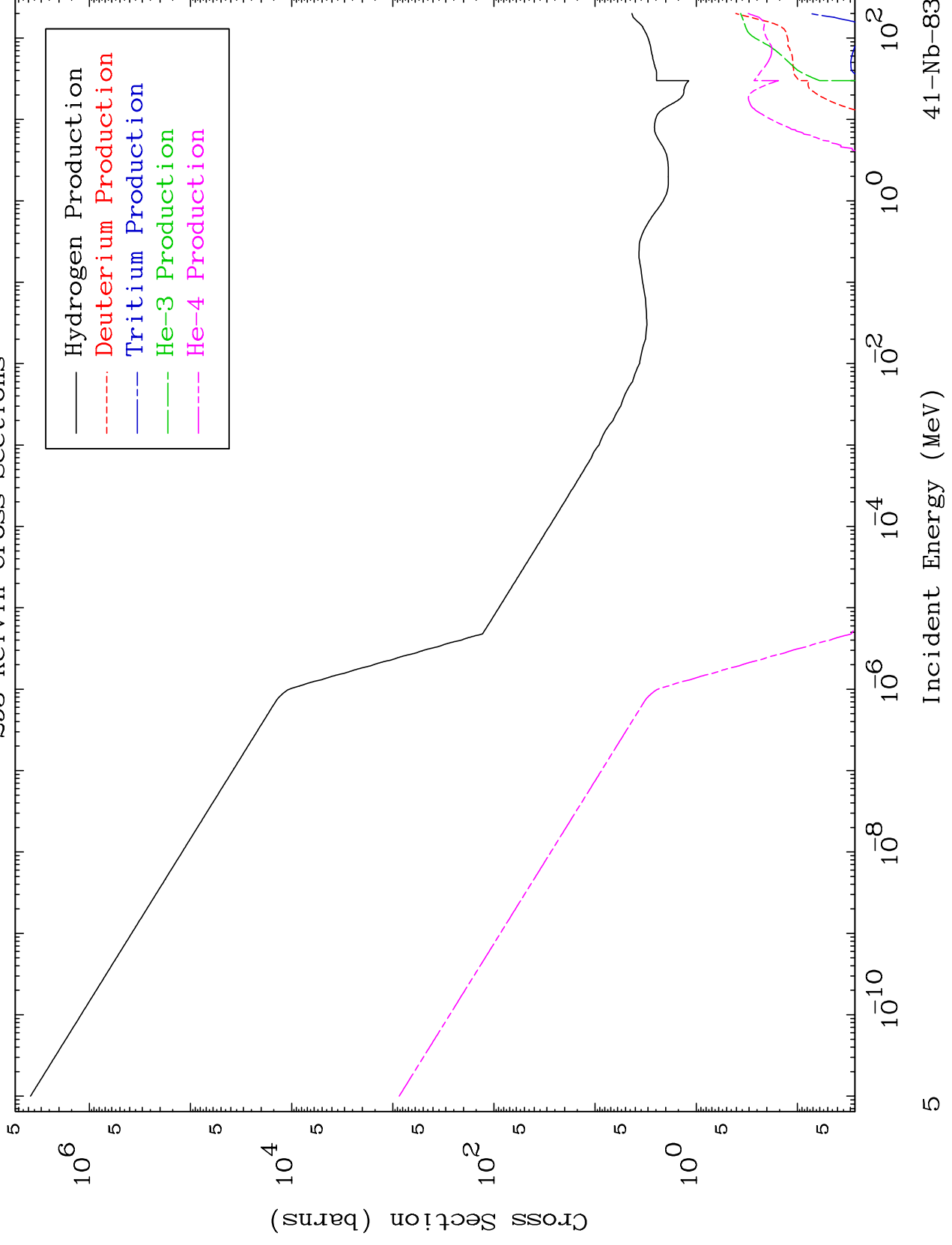


MAT 4095

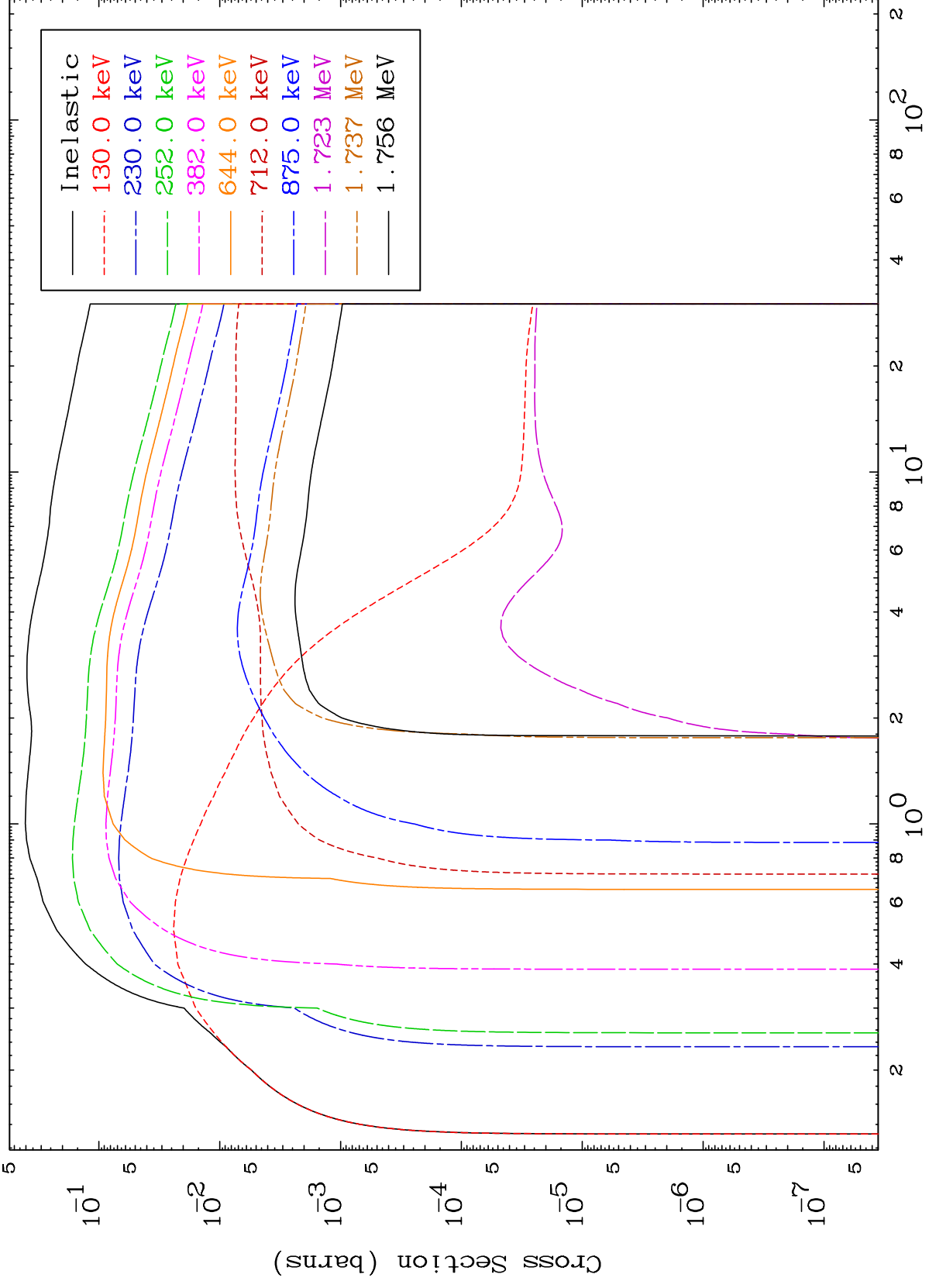
Charged Particle
293 Kelvin Cross Sections

41-Nb-83





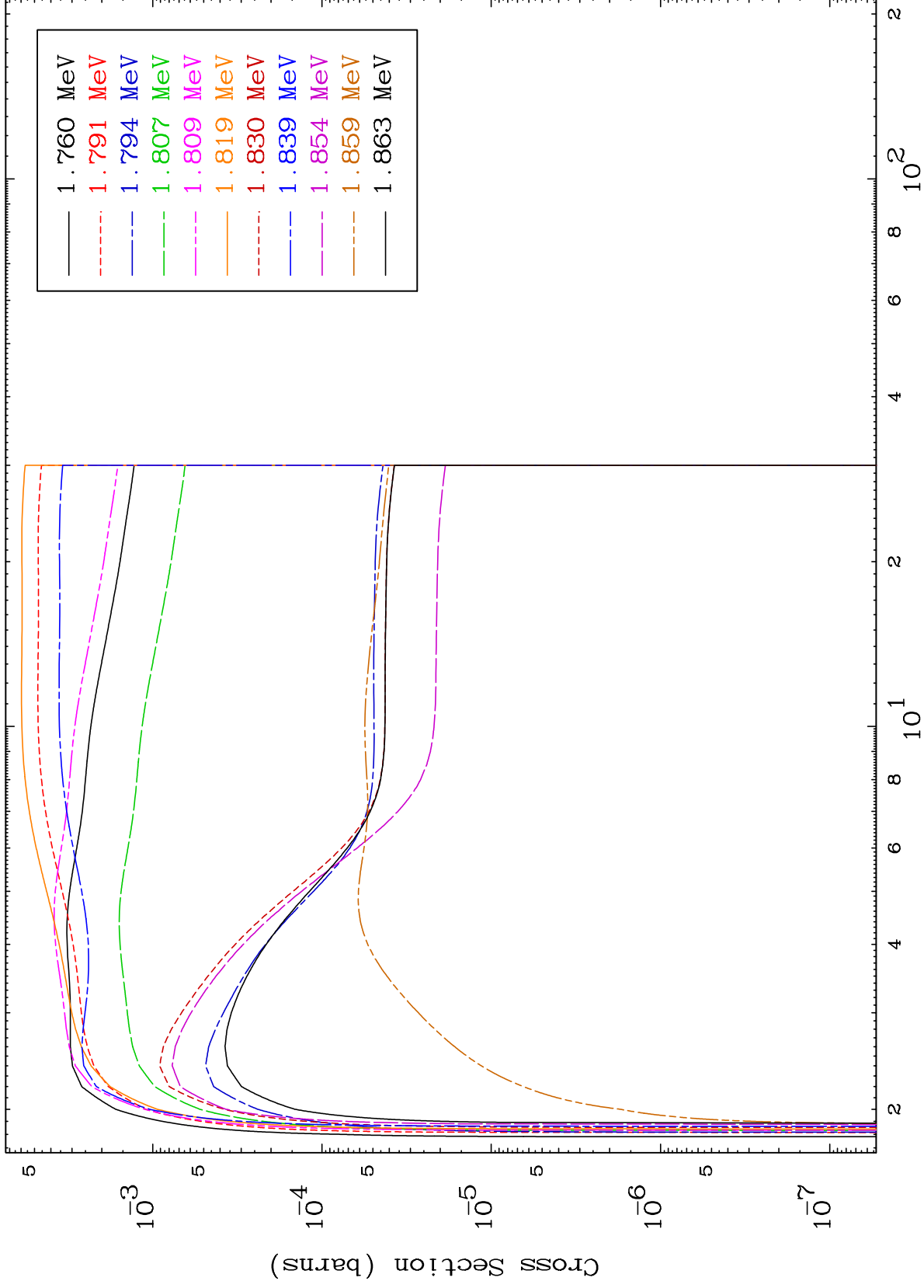
293 Kelvin Cross Sections



MAT 4095

(n,n') Level
293 Kelvin Cross Sections

41-Nb-83



7

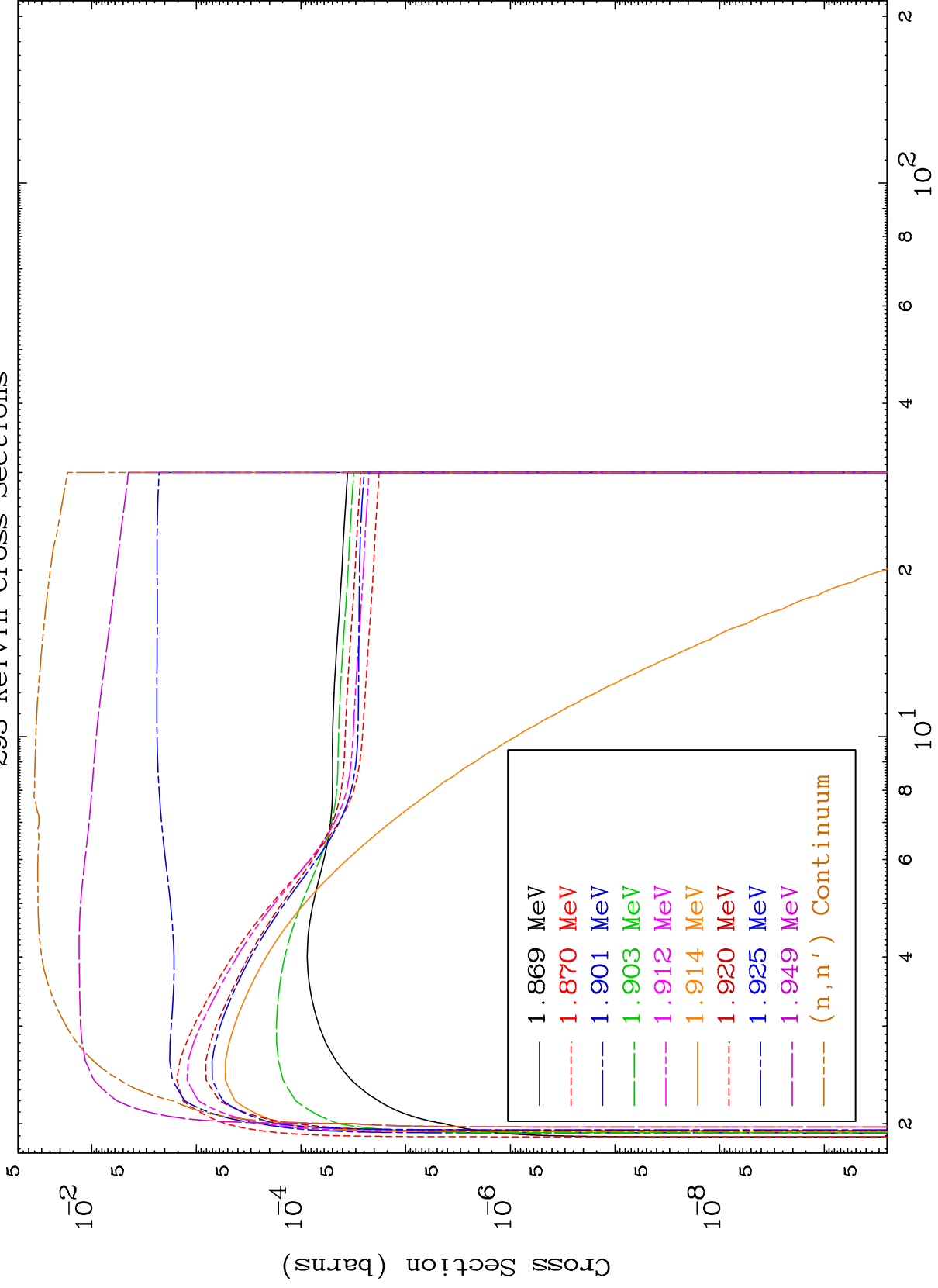
Incident Energy (MeV)

41-Nb-83

MAT 4095

(n,n') Level
293 Kelvin Cross Sections

41-Nb-83



8

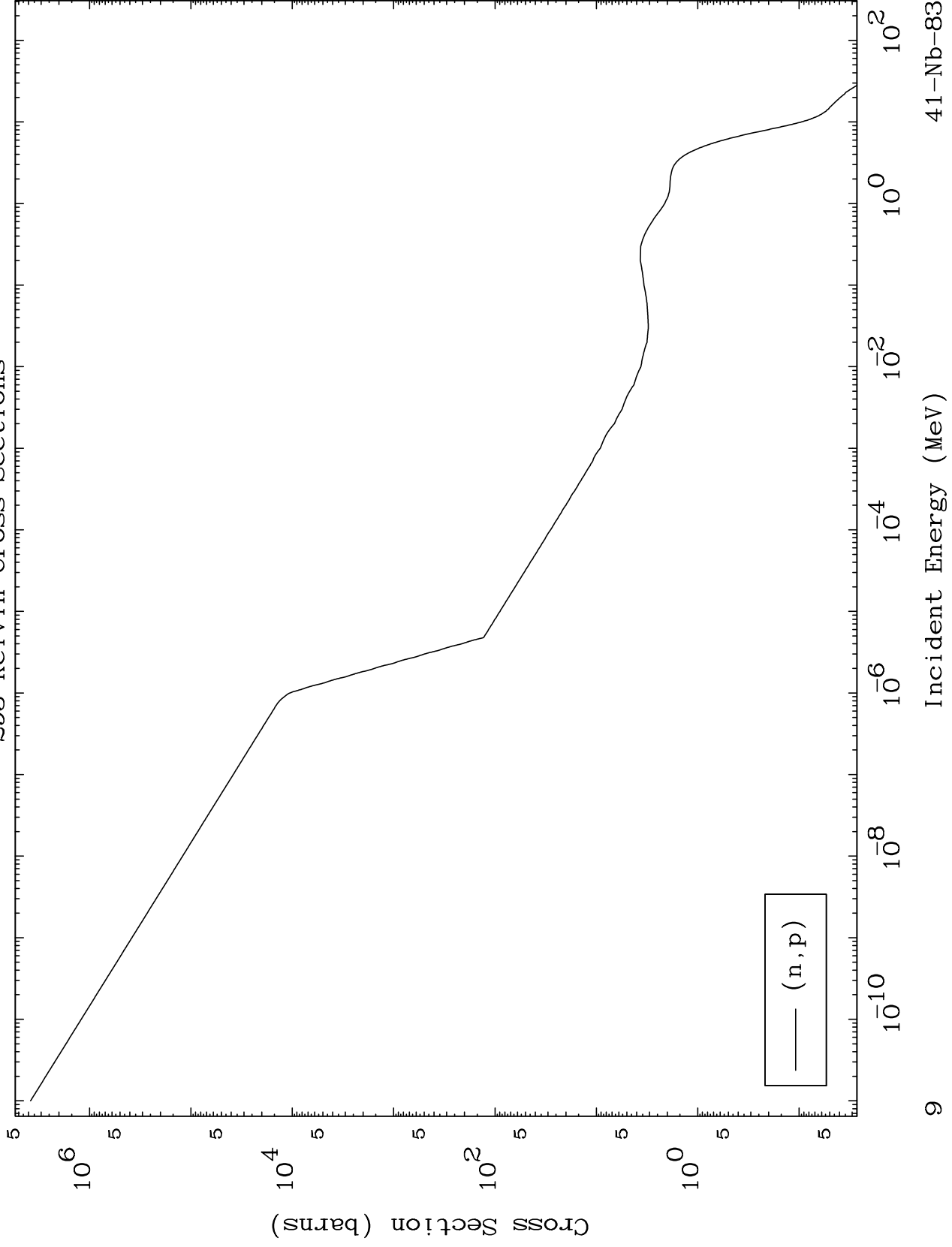
Incident Energy (MeV)

41-Nb-83

MAT 4095

(n,p) Levels
293 Kelvin Cross Sections

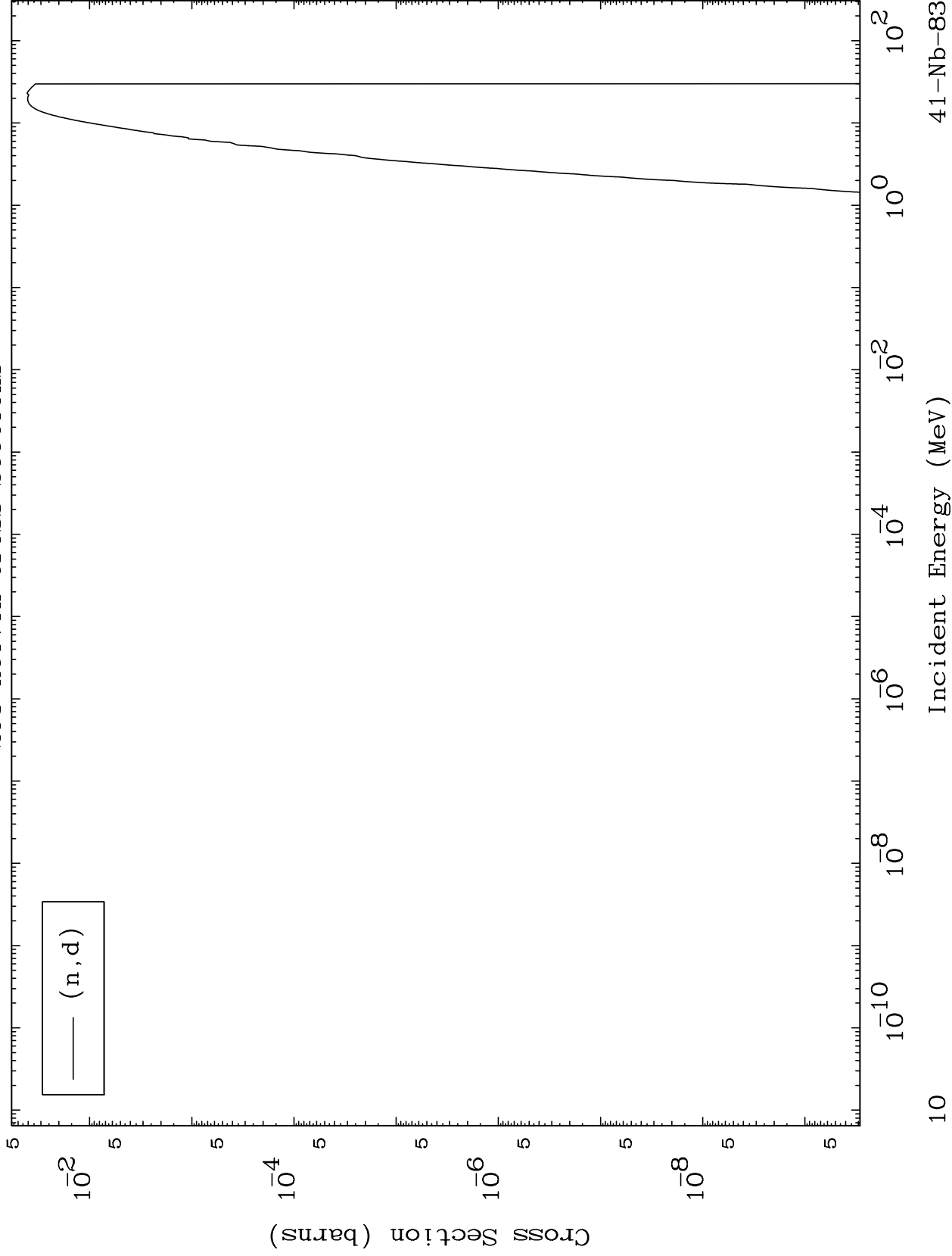
41-Nb-83



MAT 4095

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-83



10

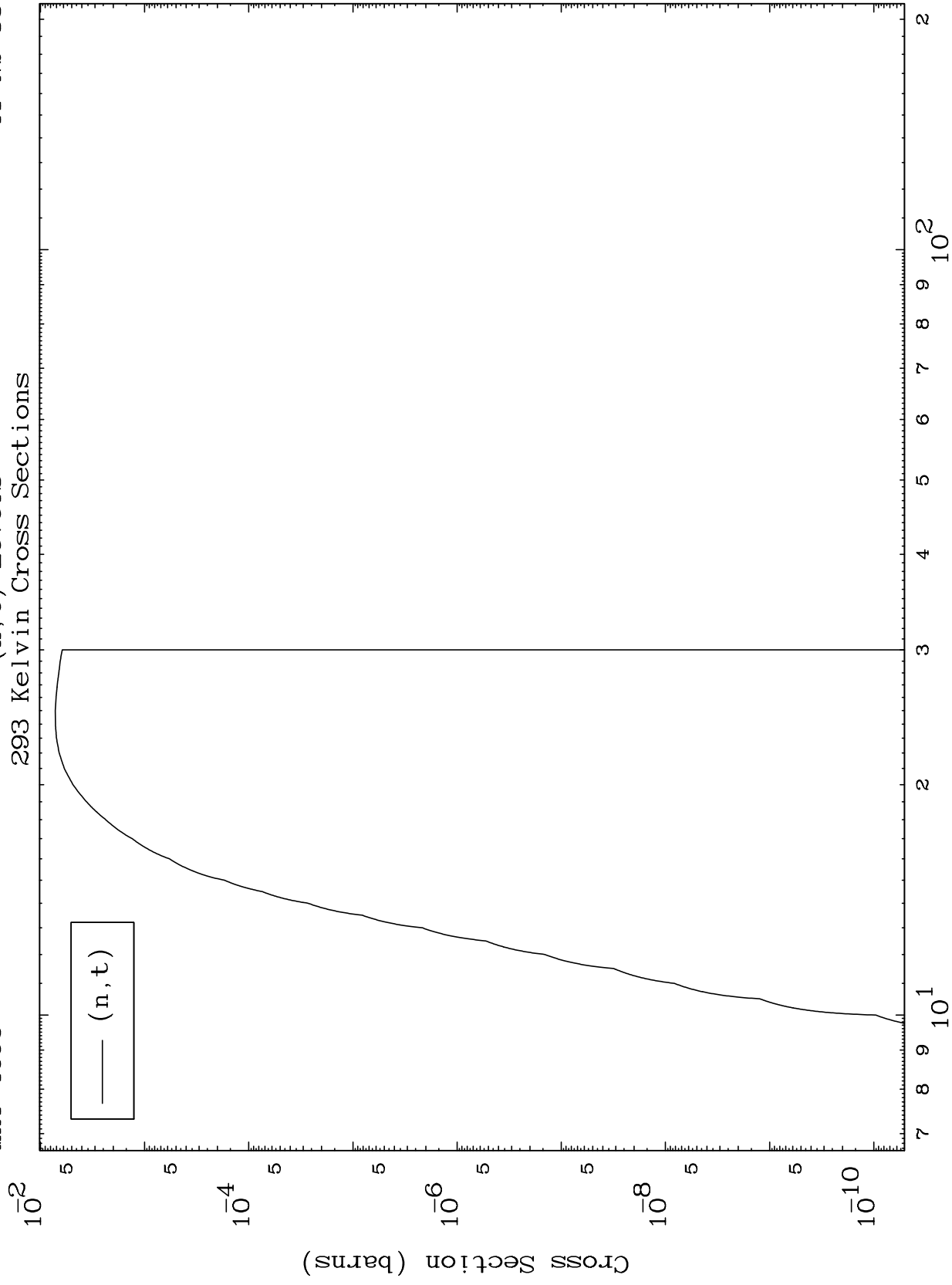
Incident Energy (MeV)

41-Nb-83

MAT 4095

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-83



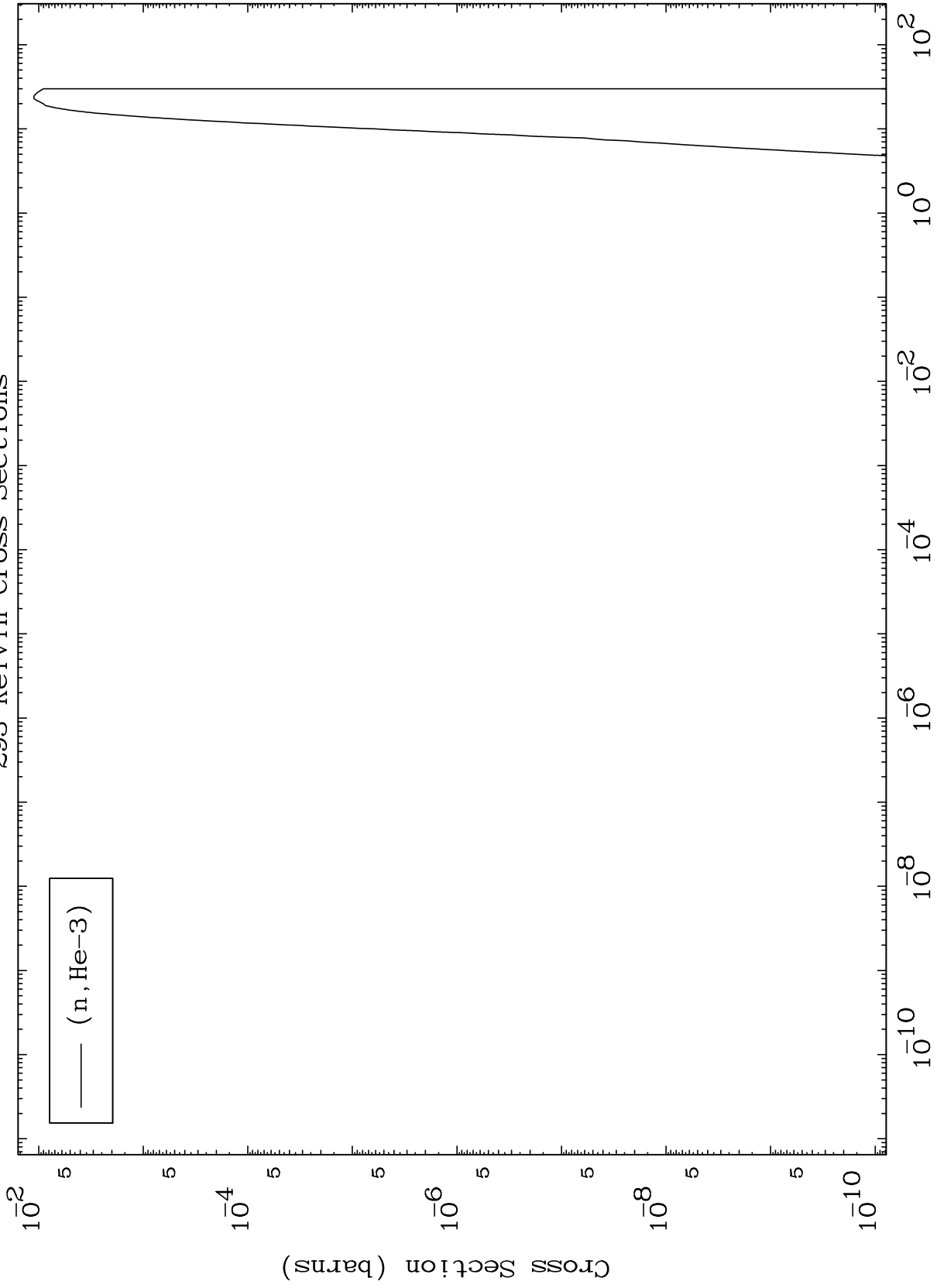
11

41-Nb-83

MAT 4095

(n,He3) Levels
293 Kelvin Cross Sections

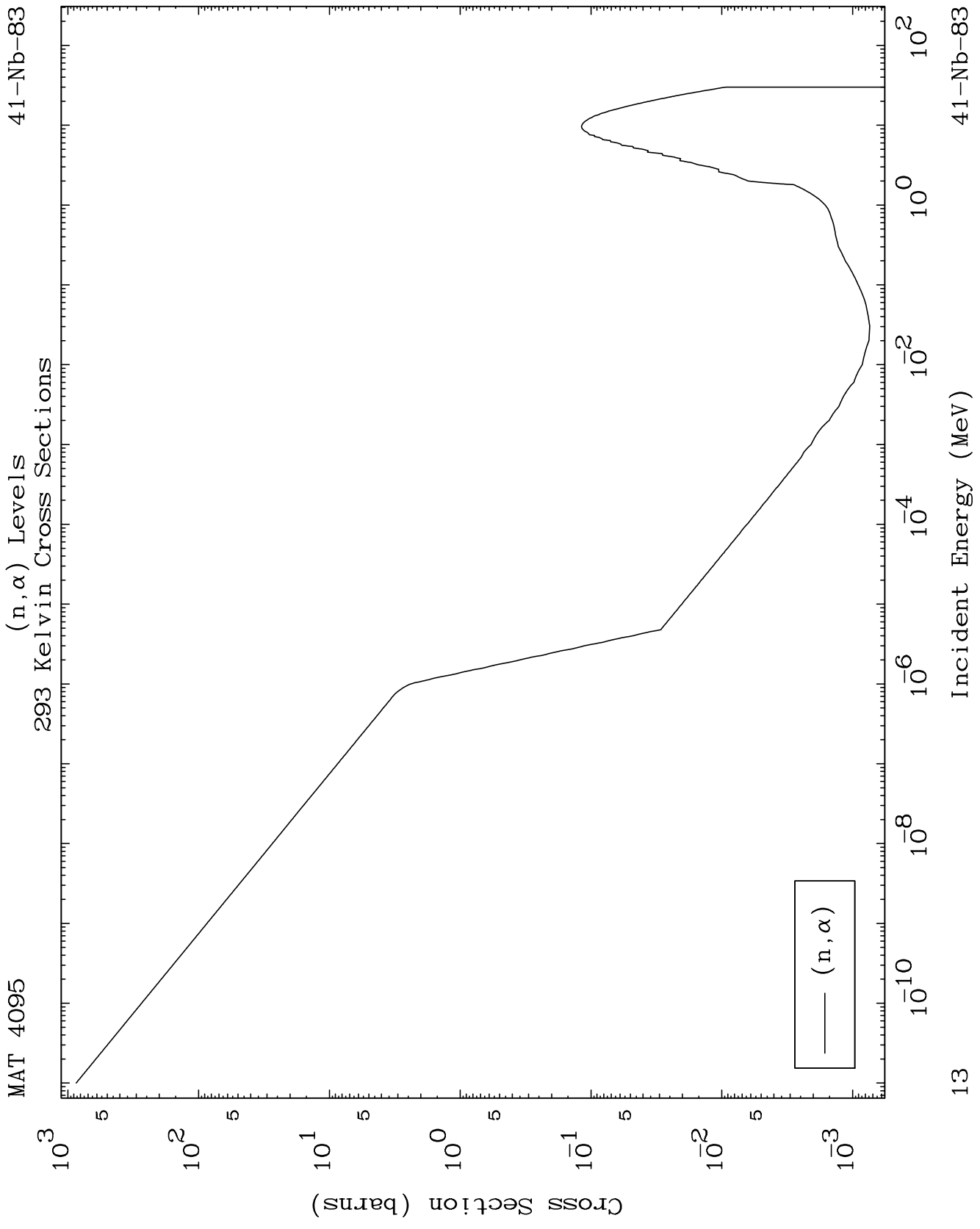
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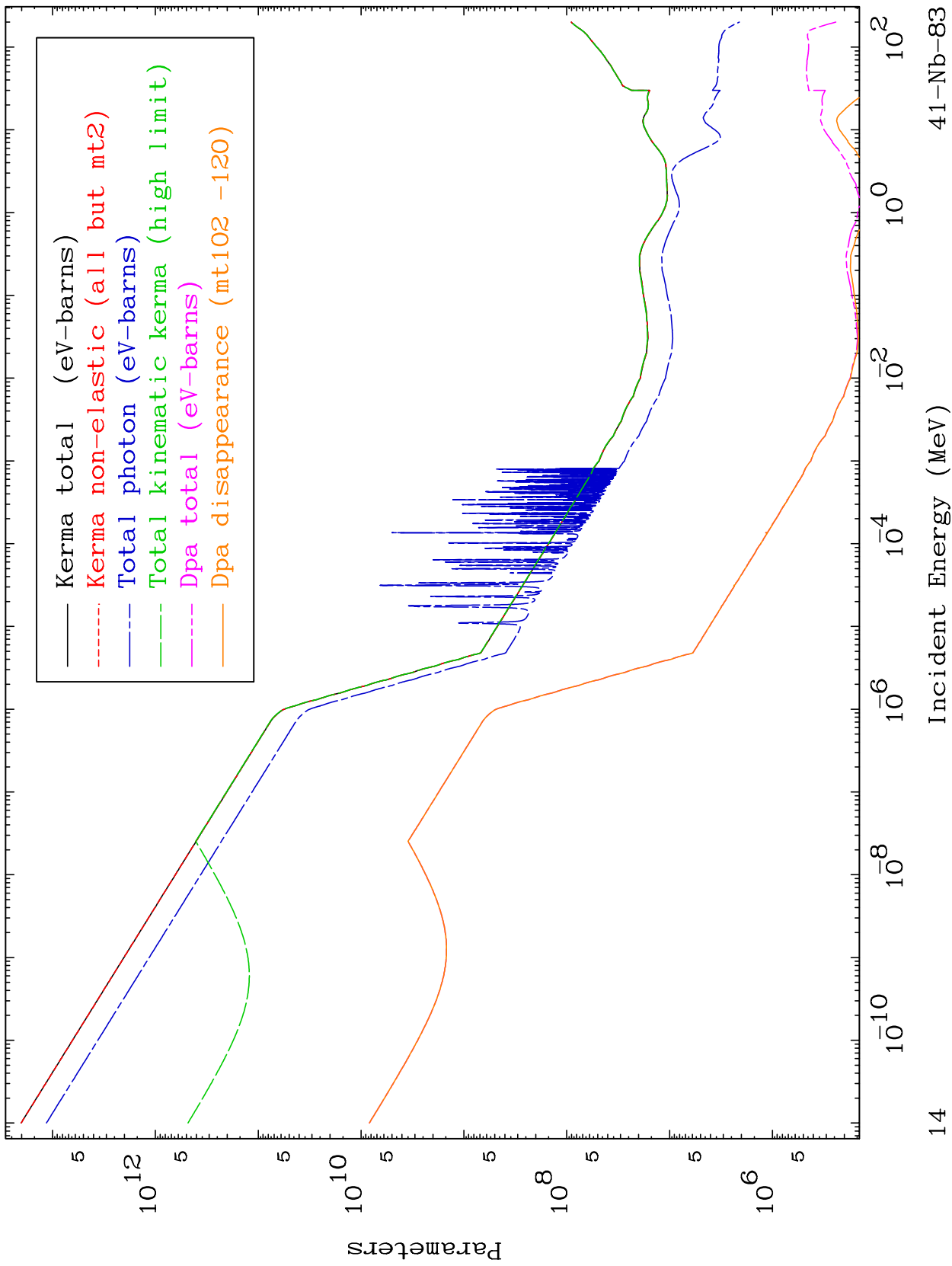


12

Incident Energy (MeV)

41-Nb-83

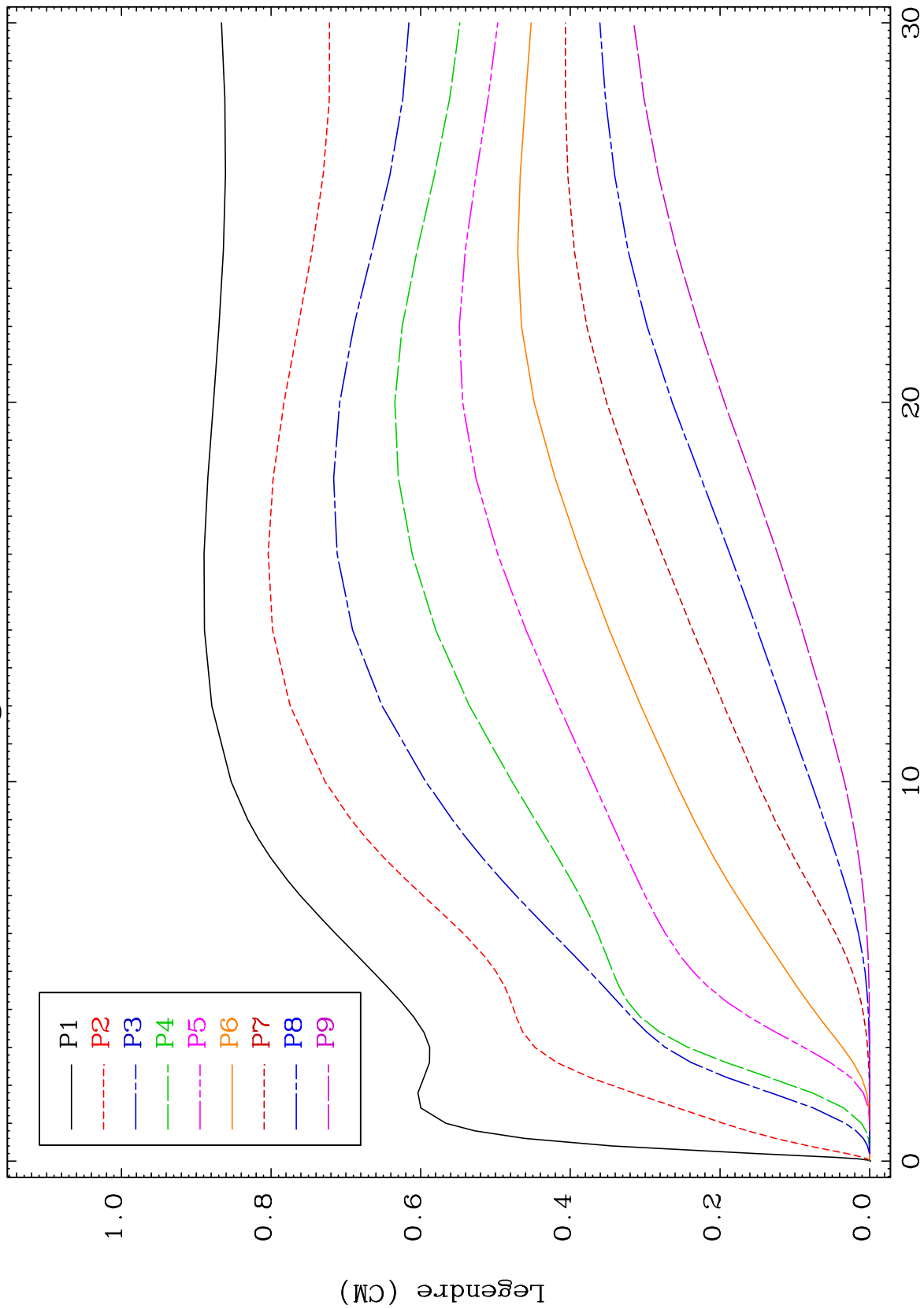




MAT 4095

Elastic Legendre Coefficients

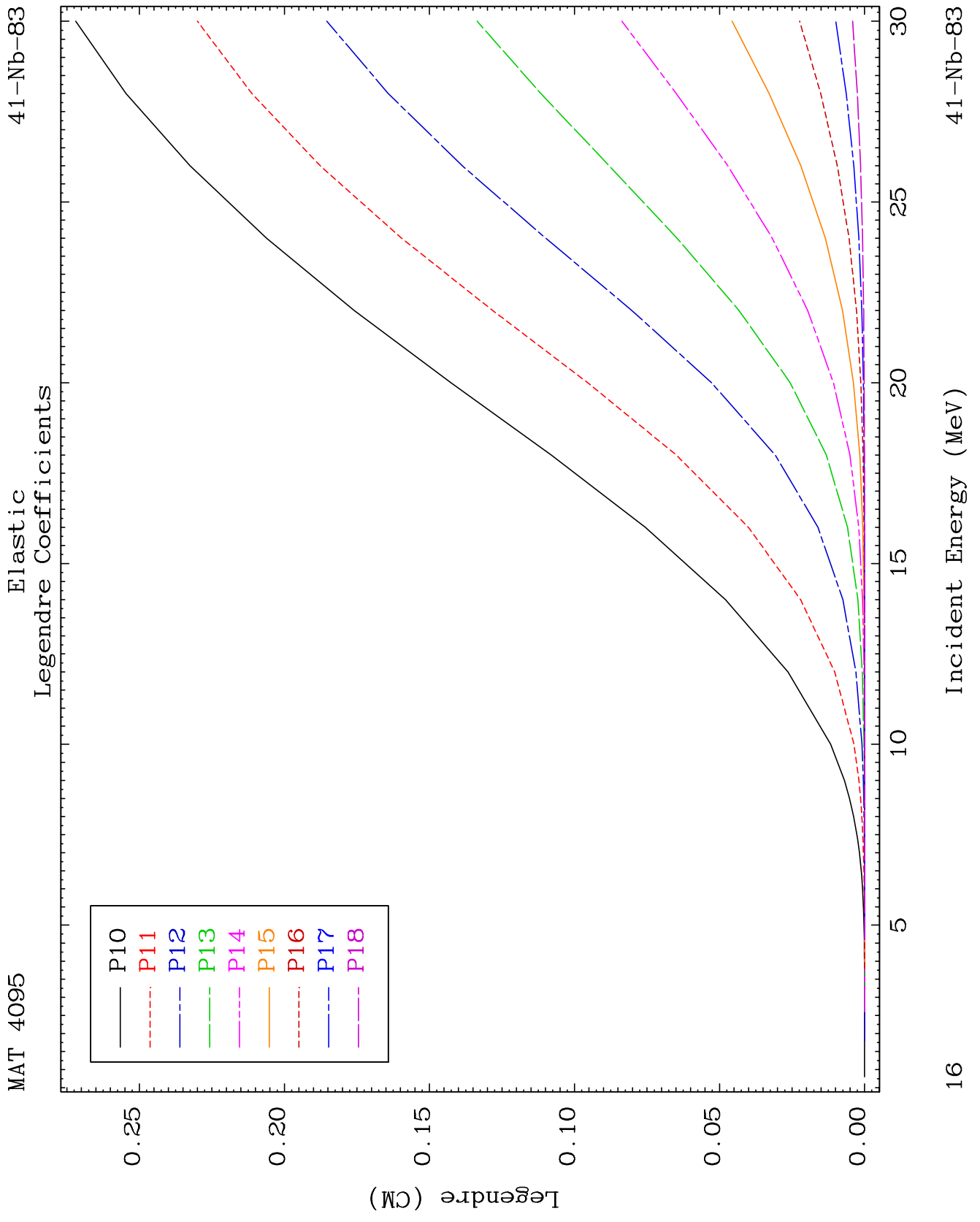
41-Nb-83



15

Incident Energy (MeV)

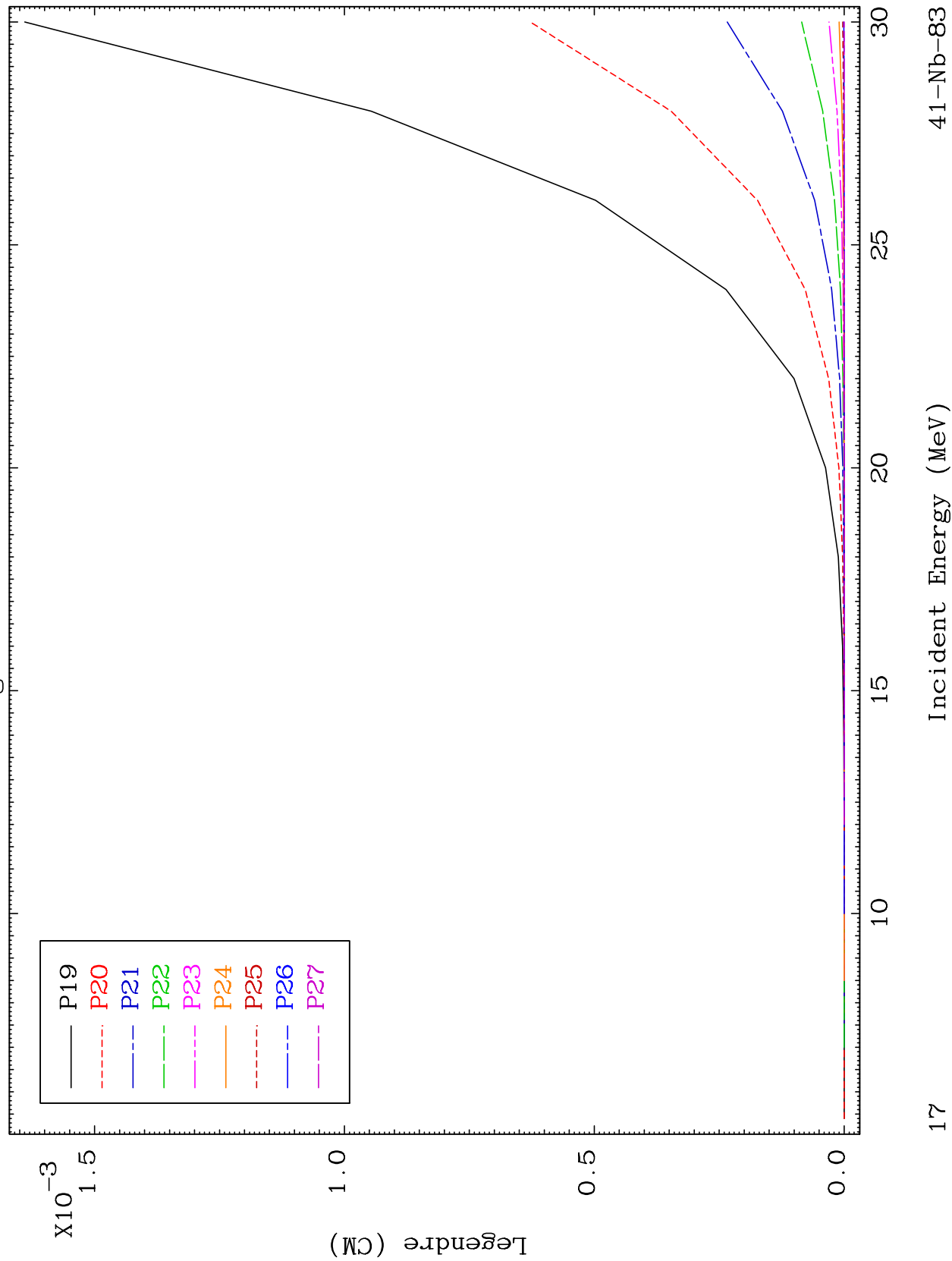
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MAT 4095

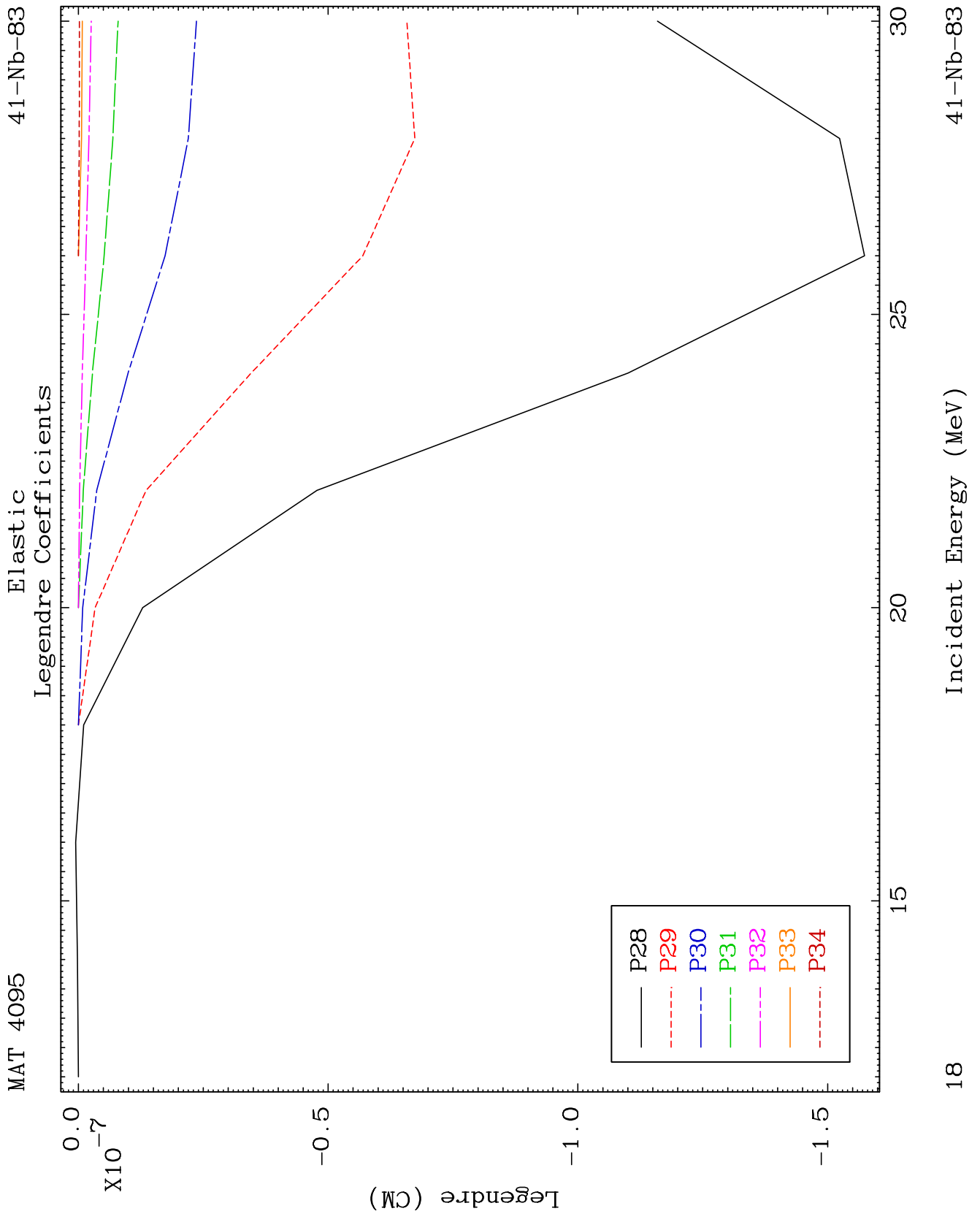
Elastic Legendre Coefficients

41-Nb-83



17

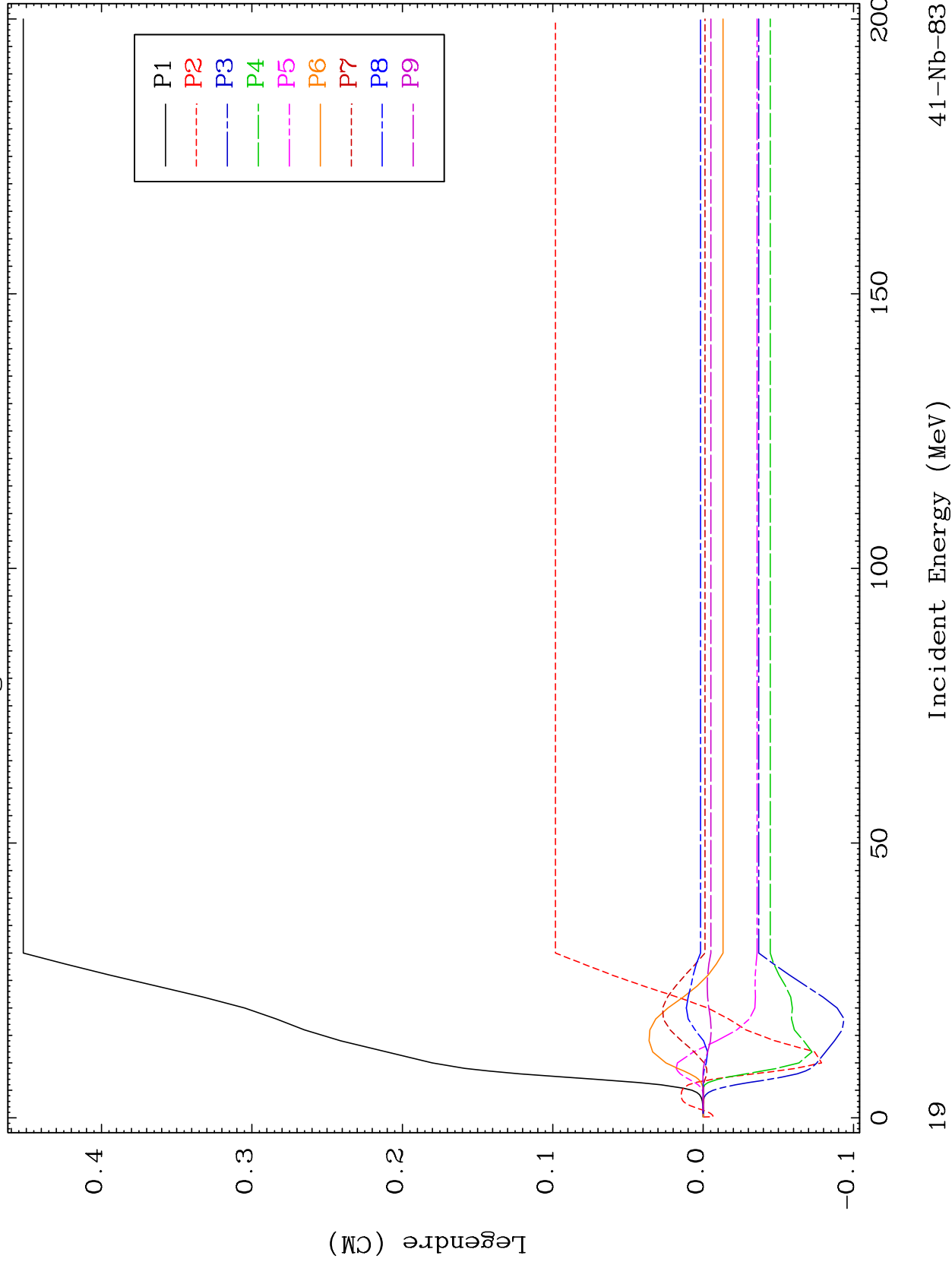
41-Nb-83



MAT 4095

130.0 keV (n,n') Level
Legendre Coefficients

41-Nb-83



41-Nb-83

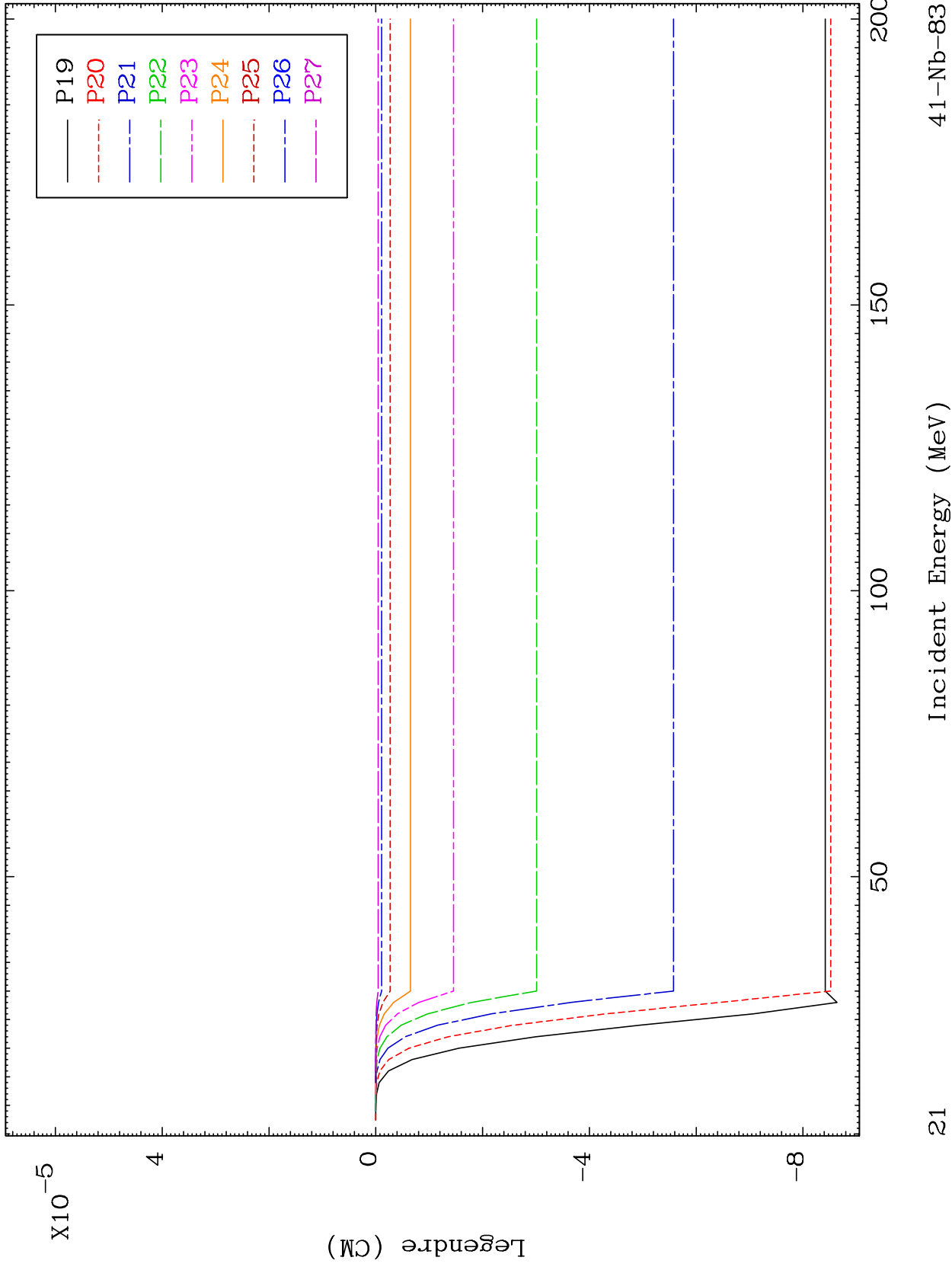
Incident Energy (MeV)

19

MAT 4095

130.0 keV (n,n') Level
Legendre Coefficients

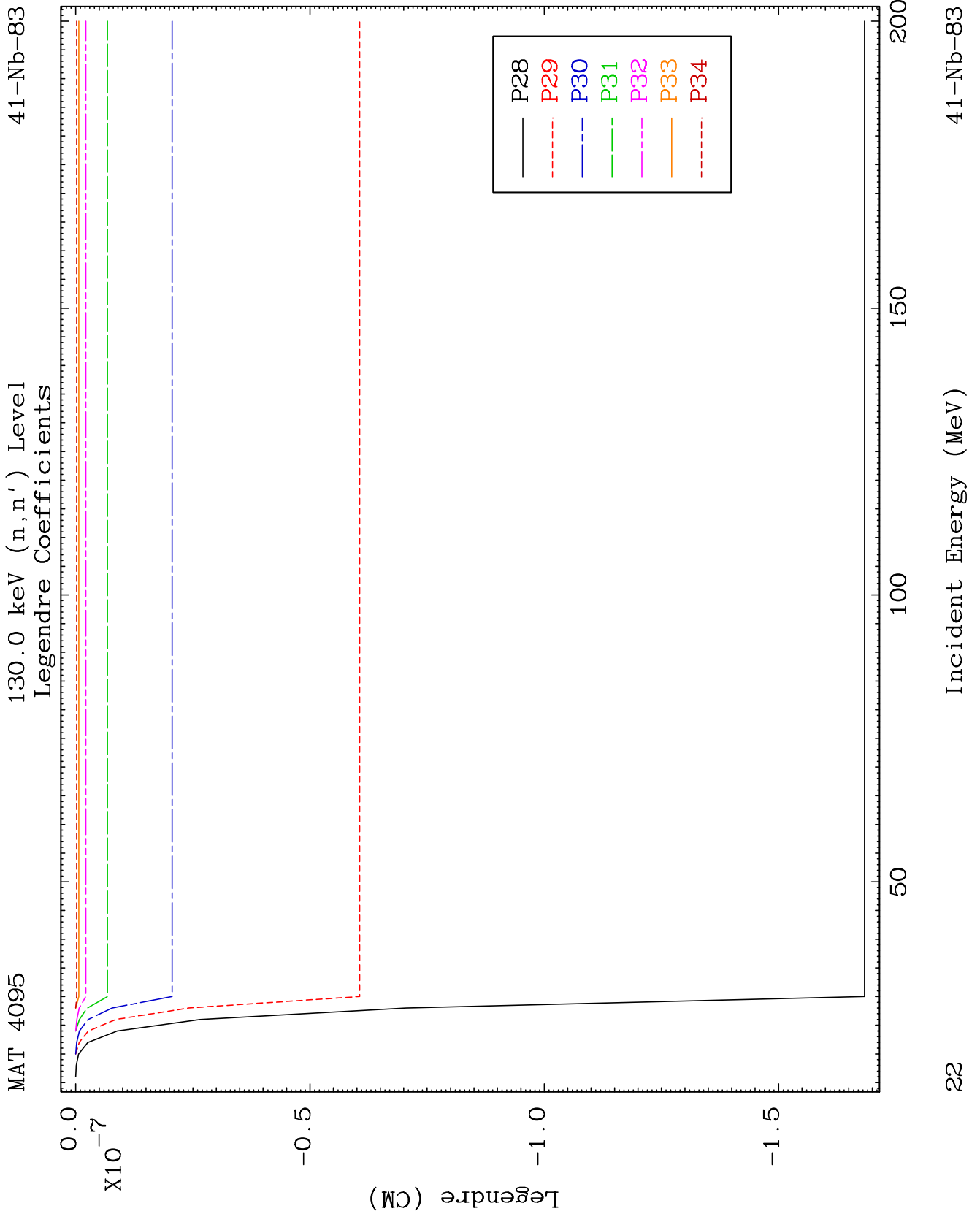
41-Nb-83



21

Incident Energy (MeV)

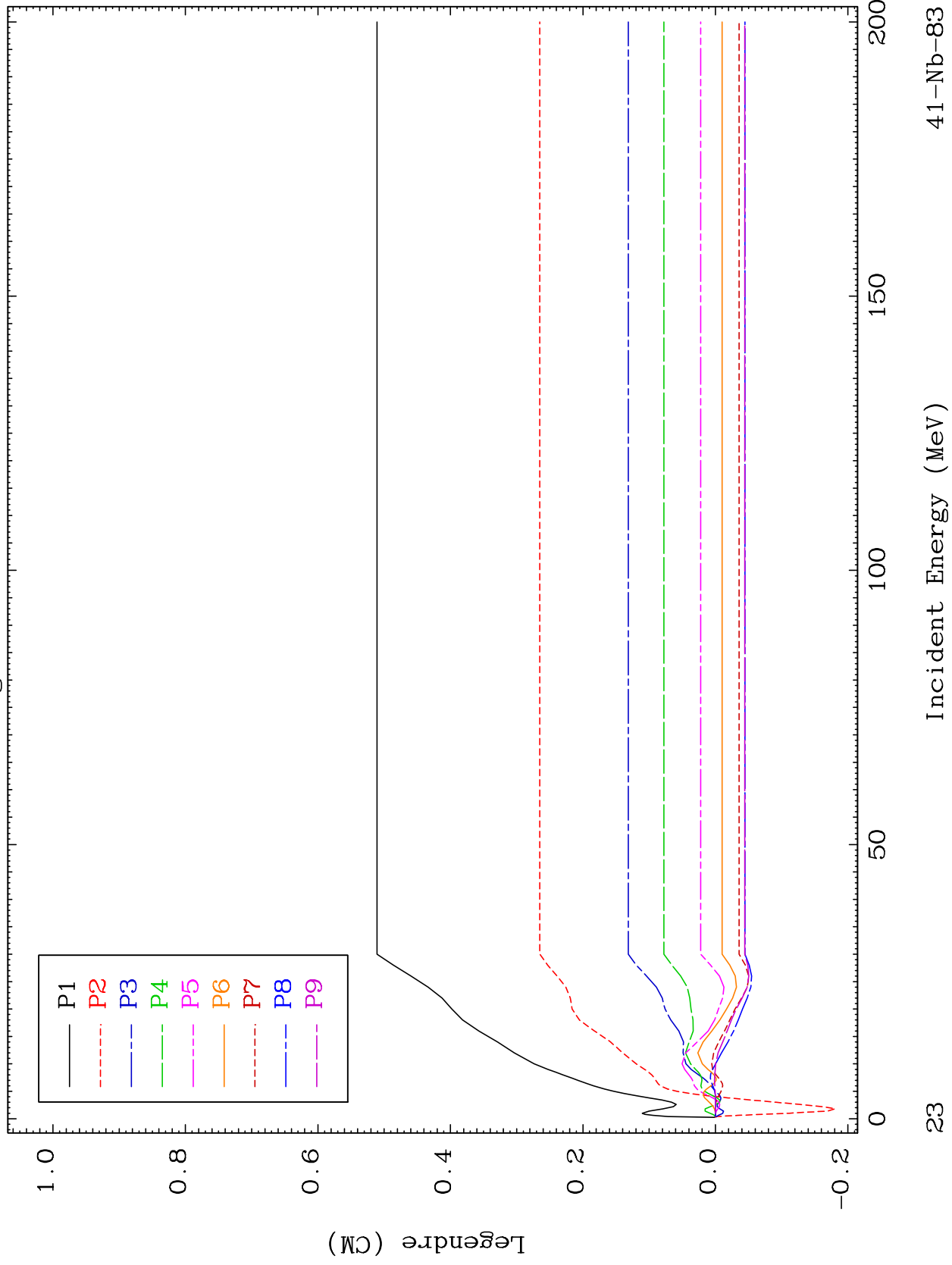
41-Nb-83



MAT 4095

230.0 keV (n,n') Level
Legendre Coefficients

41-Nb-83



23

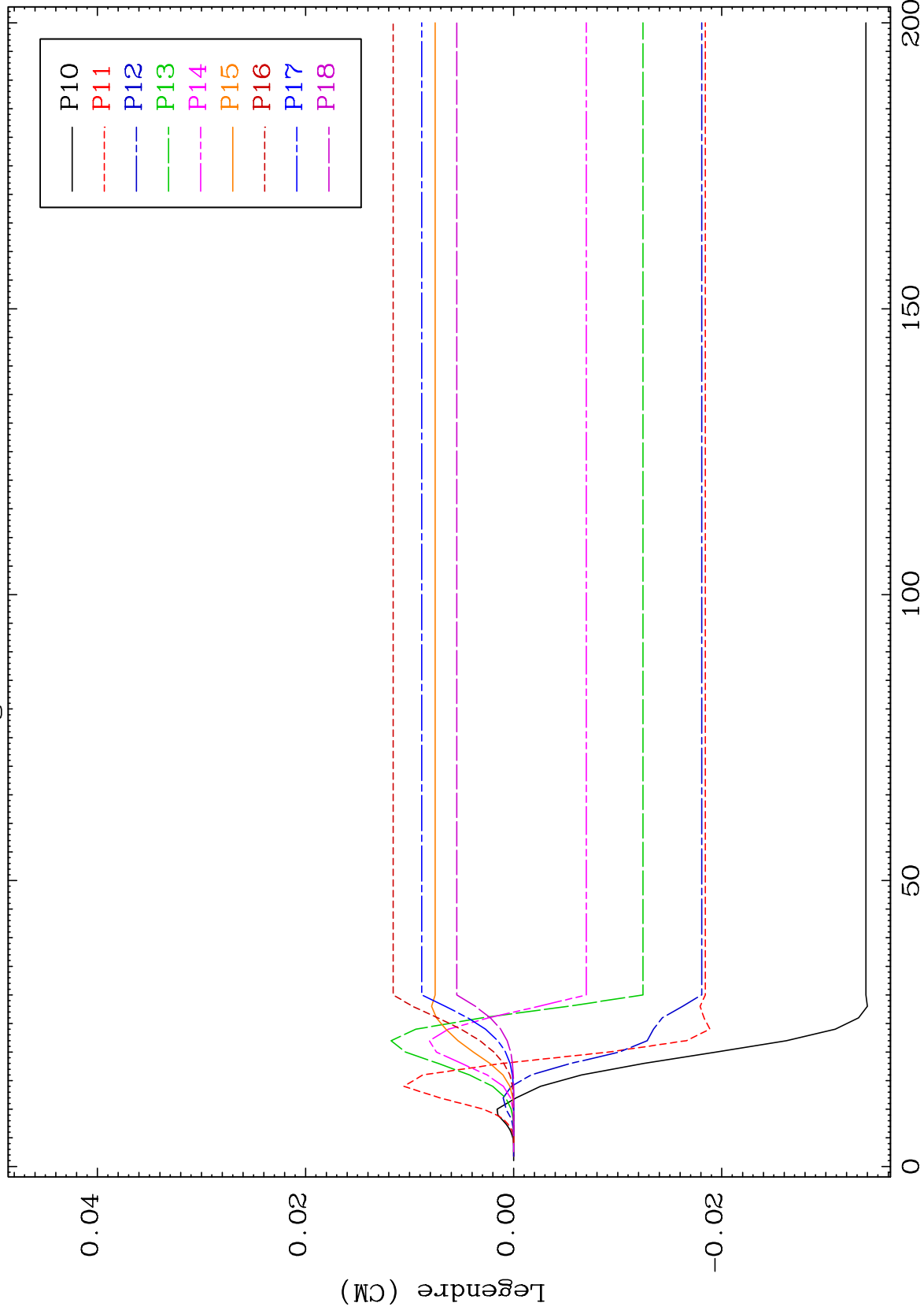
Incident Energy (MeV)

41-Nb-83

MAT 4095

230.0 keV (n,n') Level
Legendre Coefficients

41-Nb-83



24

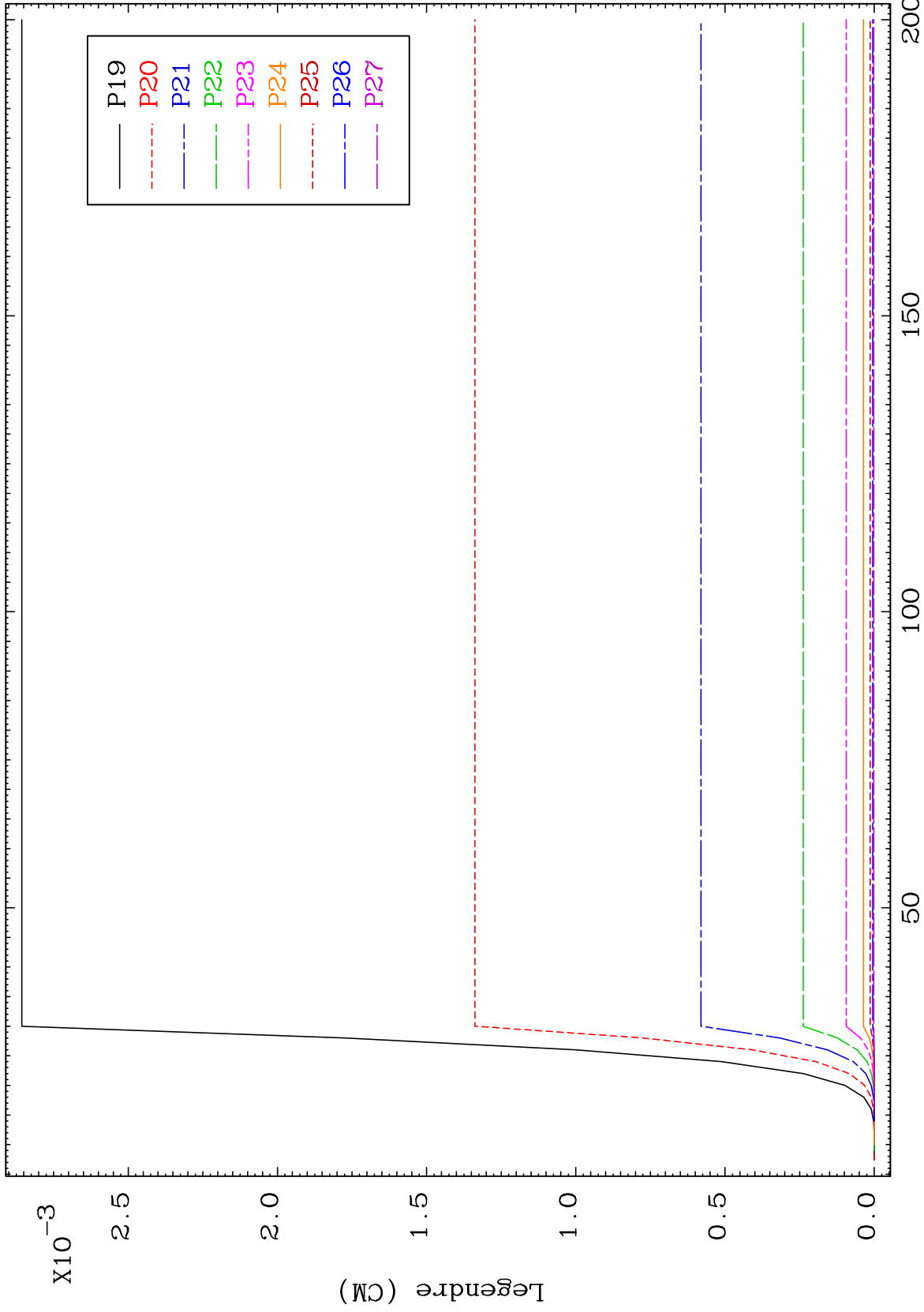
Incident Energy (MeV)

41-Nb-83

MAT 4095

230.0 keV (n,n') Level
Legendre Coefficients

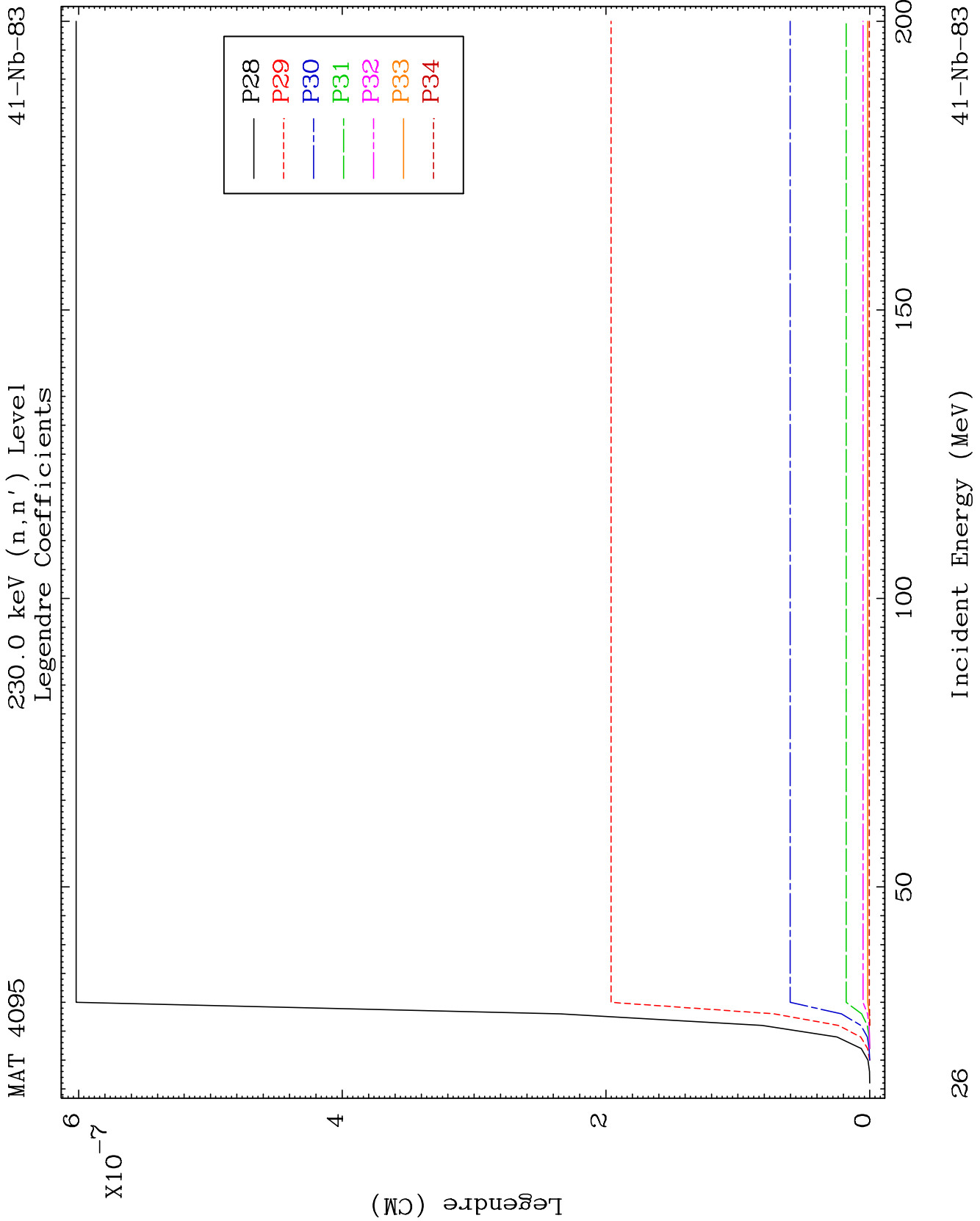
41-Nb-83



25

Incident Energy (MeV)

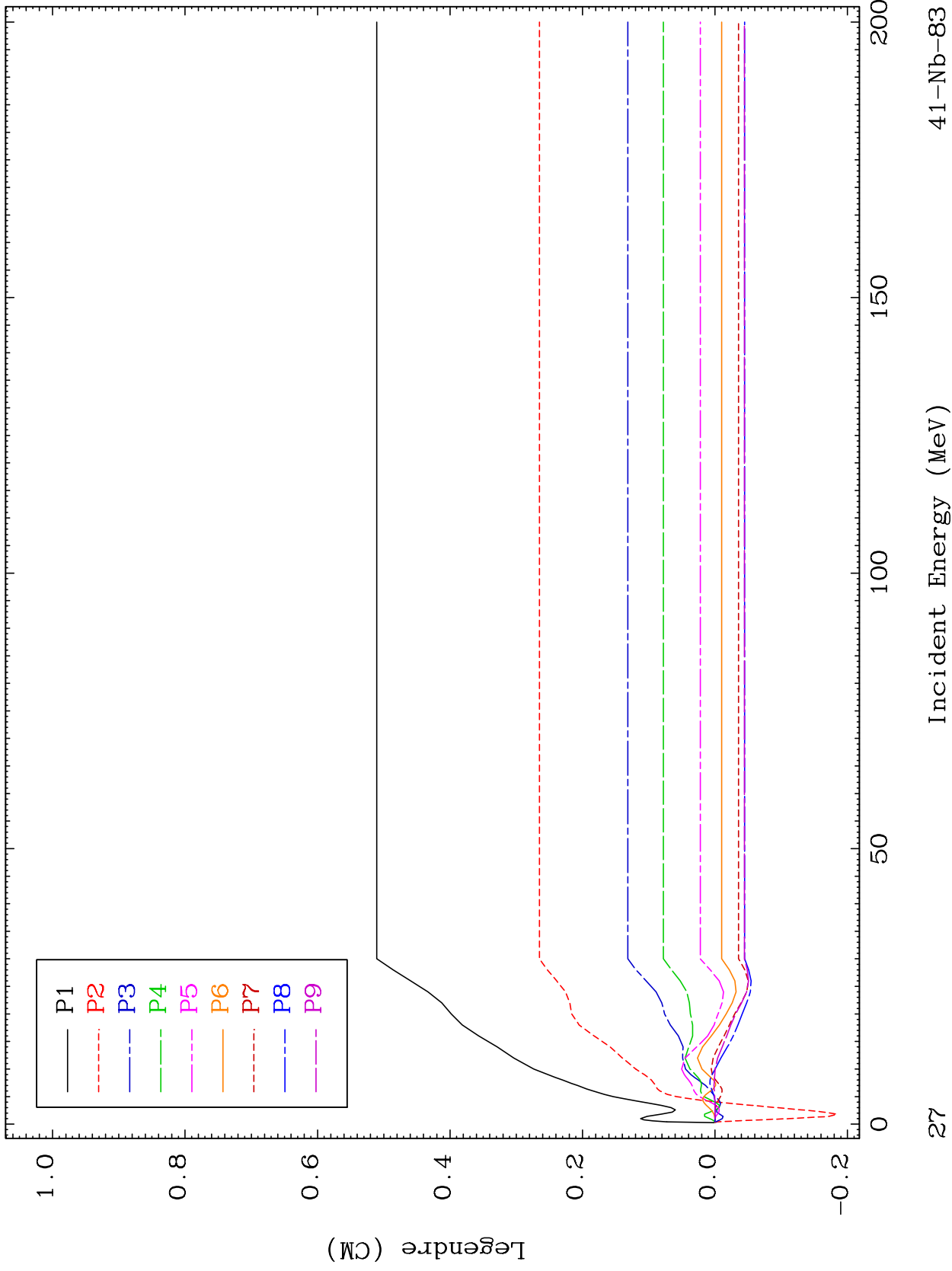
41-Nb-83



MAT 4095

252.0 keV (n,n') Level
Legendre Coefficients

41-Nb-83



41-Nb-83

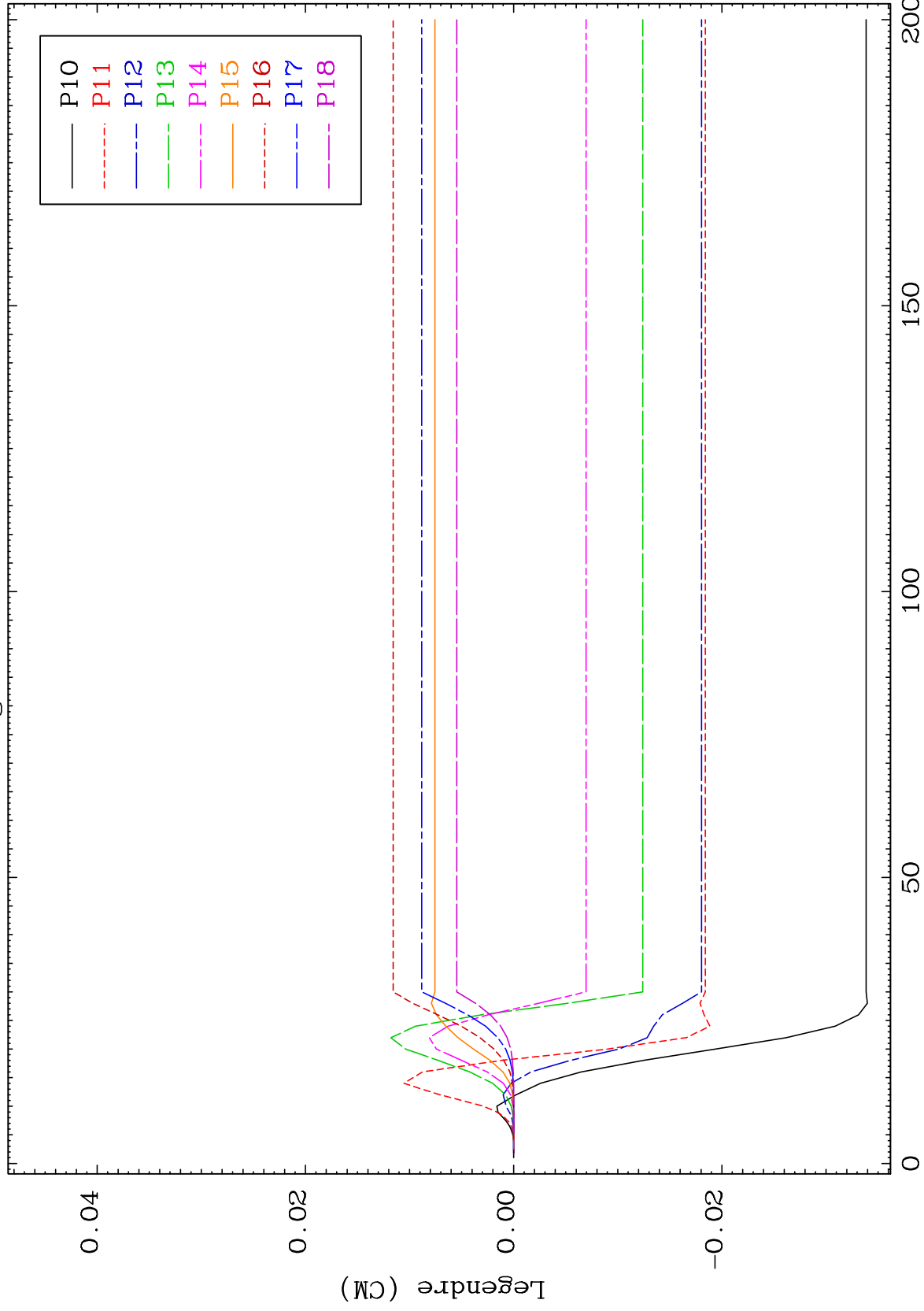
Incident Energy (MeV)

27

MAT 4095

252.0 keV (n,n') Level
Legendre Coefficients

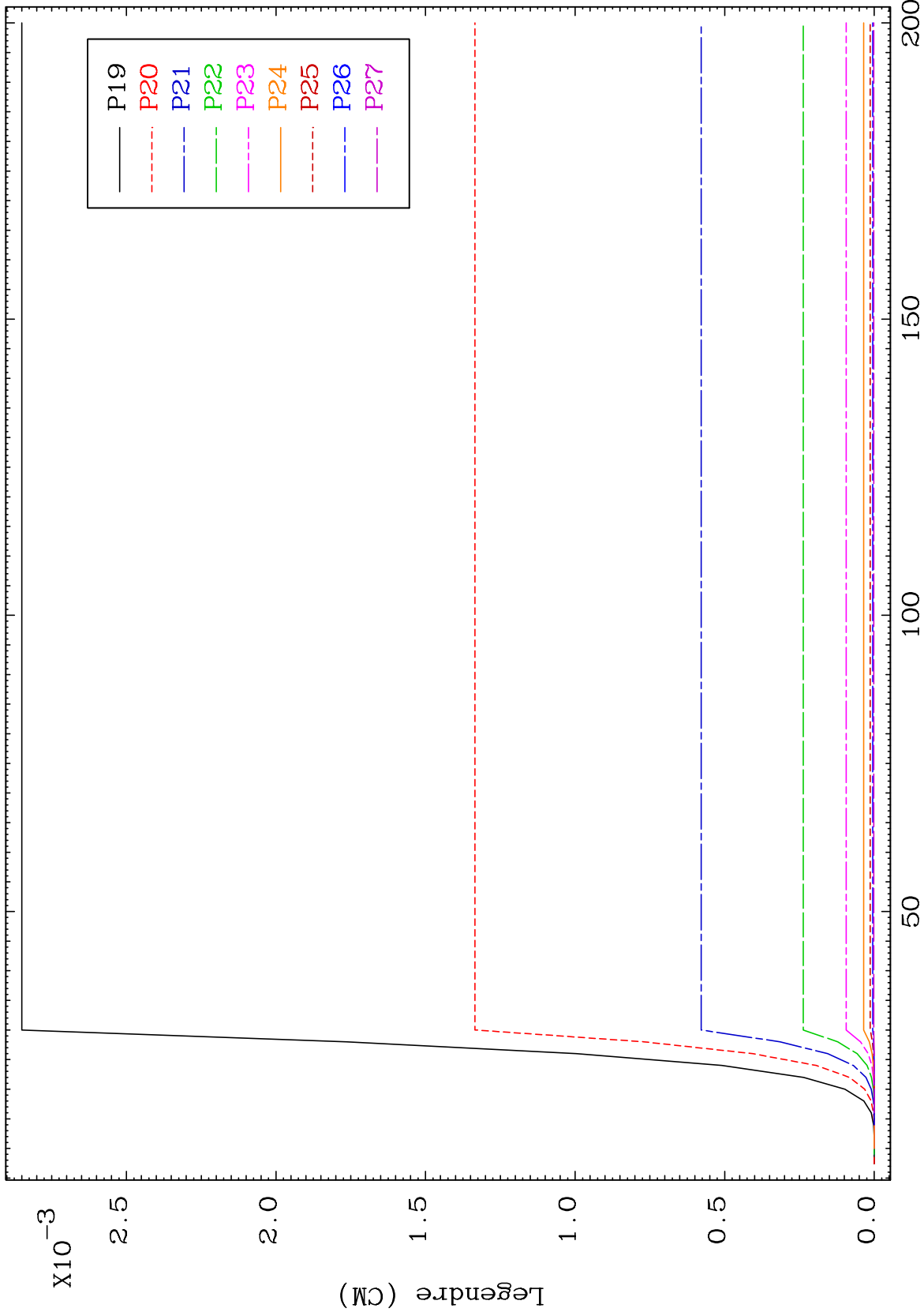
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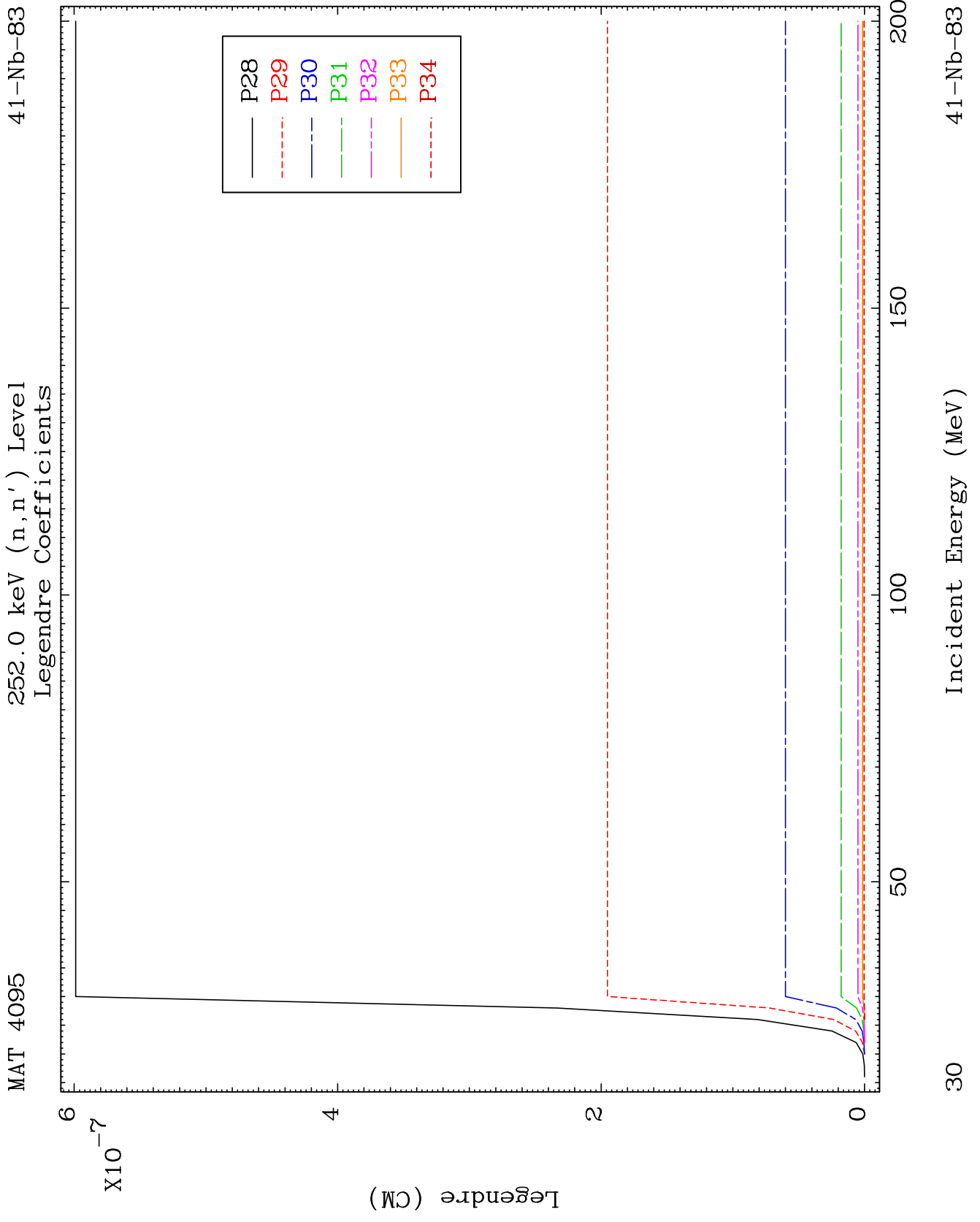


28

Incident Energy (MeV)

41-Nb-83

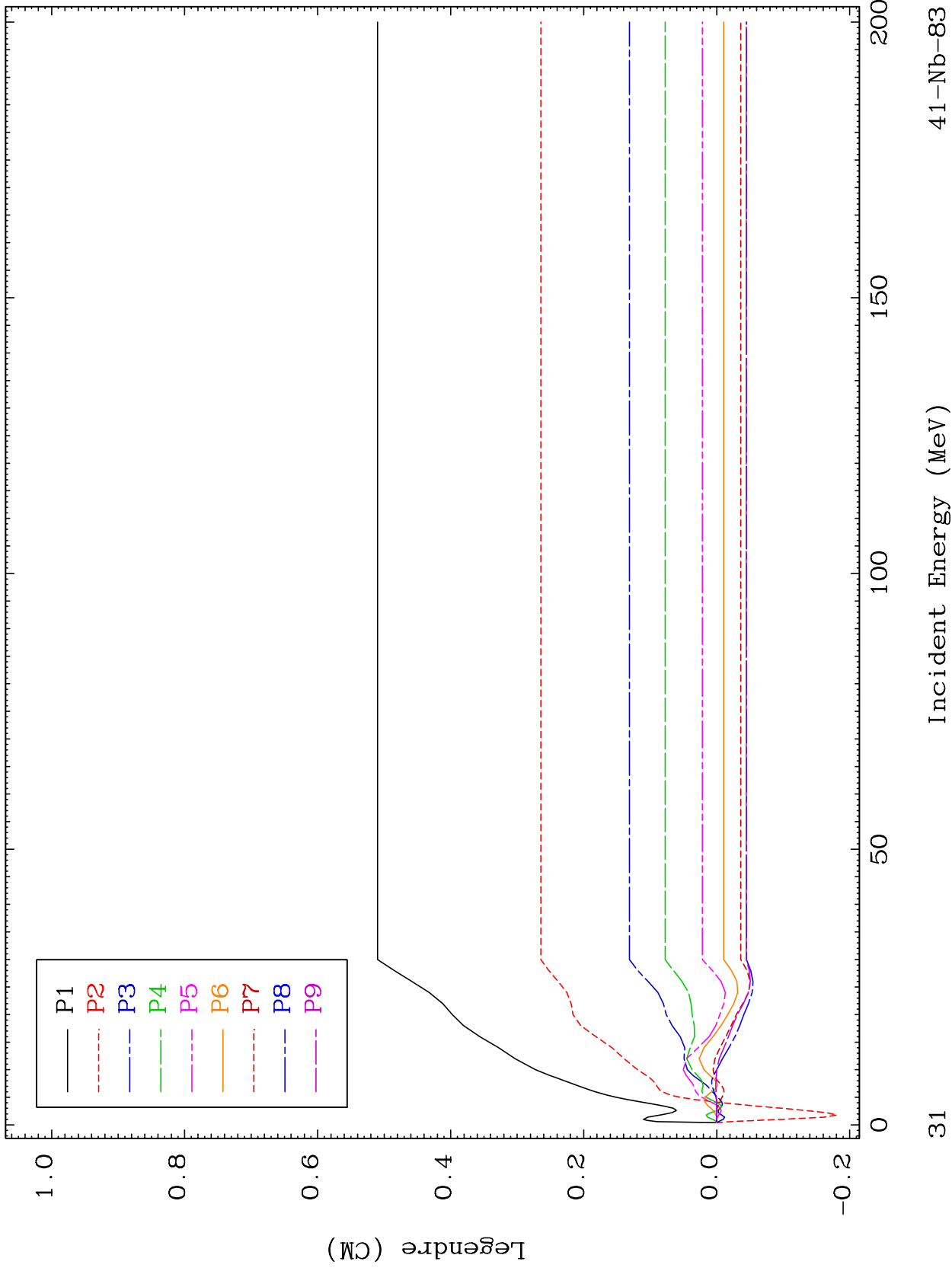




MAT 4095

382.0 keV (n,n') Level
Legendre Coefficients

41-Nb-83



41-Nb-83

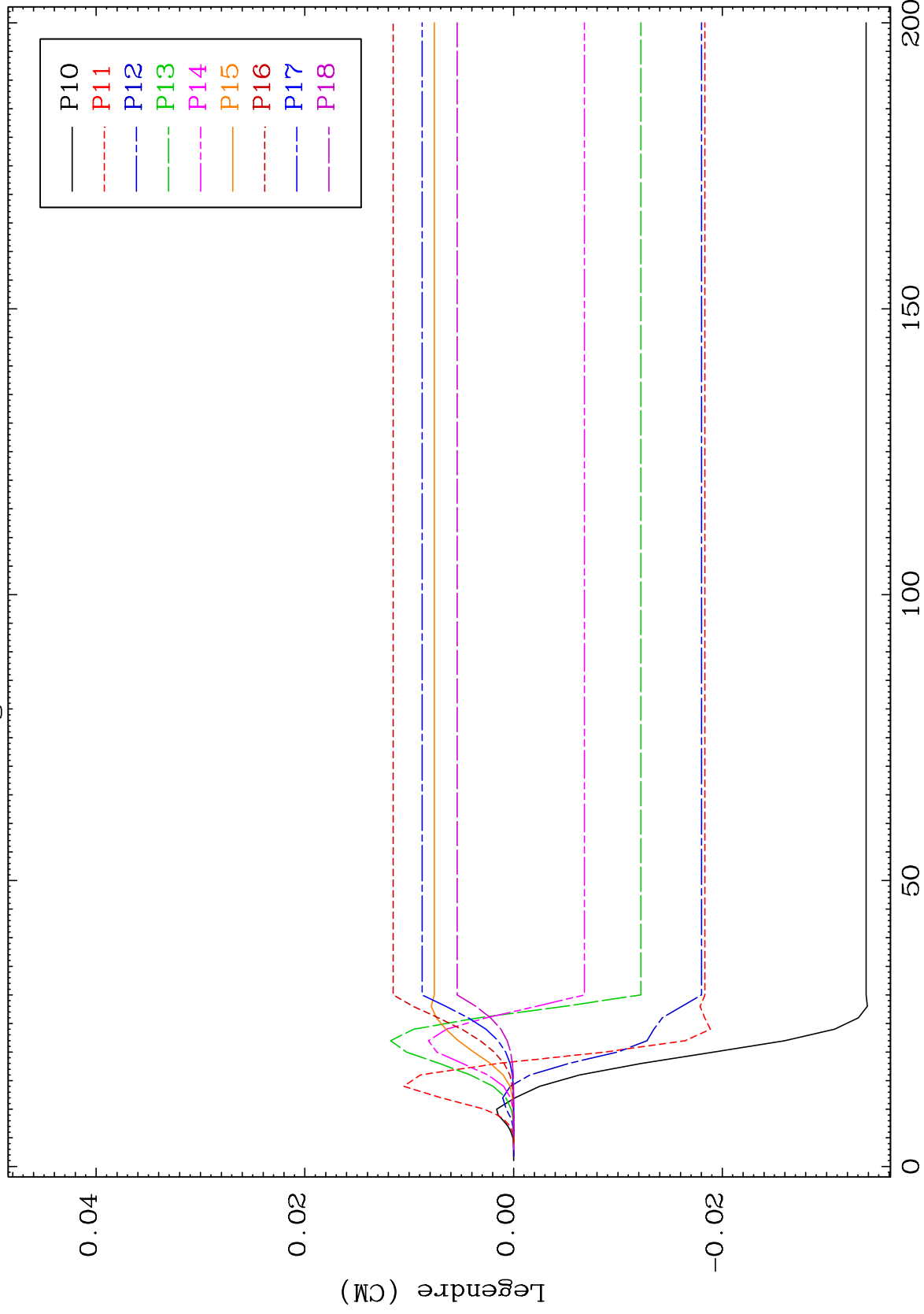
Incident Energy (MeV)

31

MAT 4095

382.0 keV (n,n') Level
Legendre Coefficients

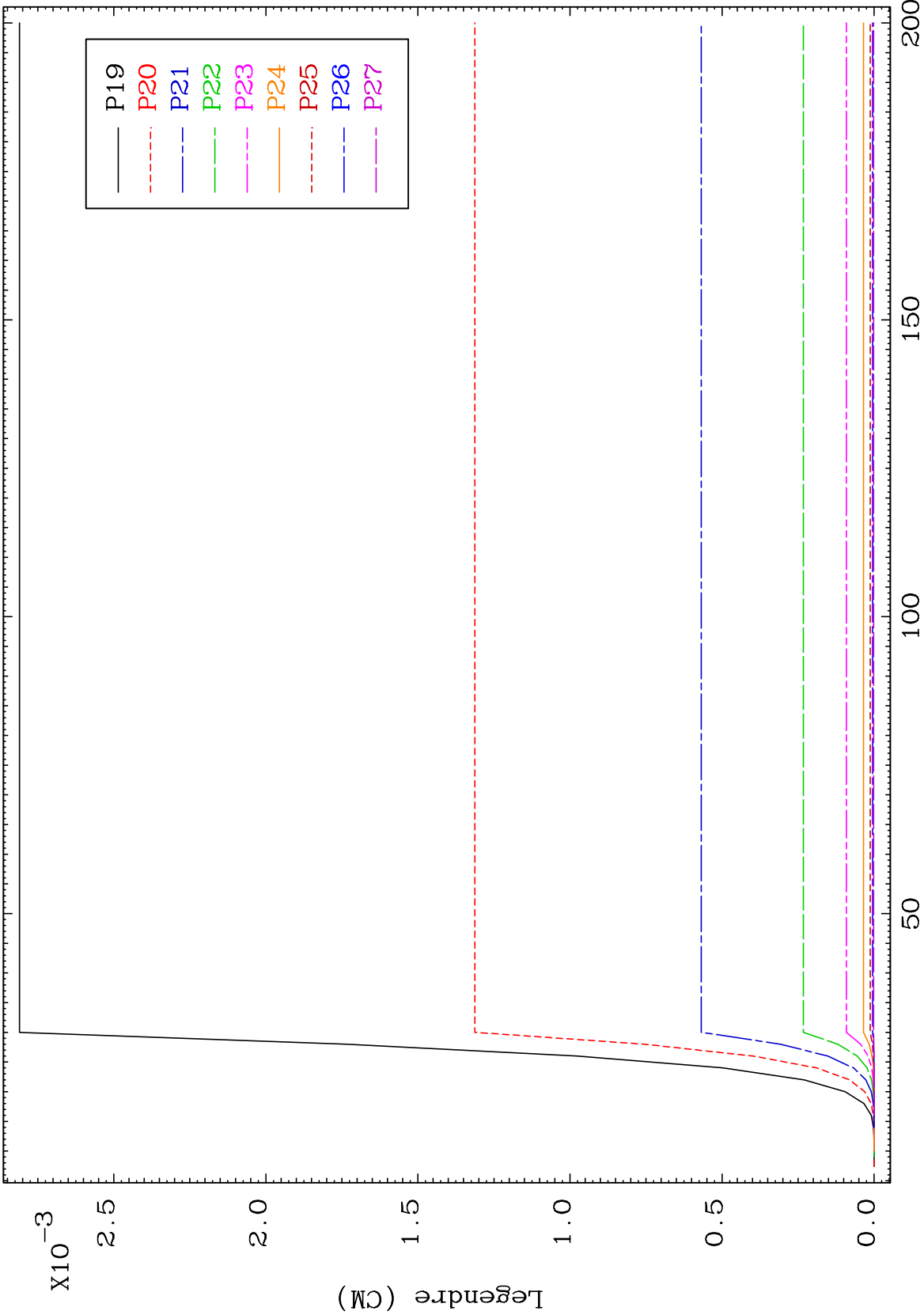
41-Nb-83



32

Incident Energy (MeV)

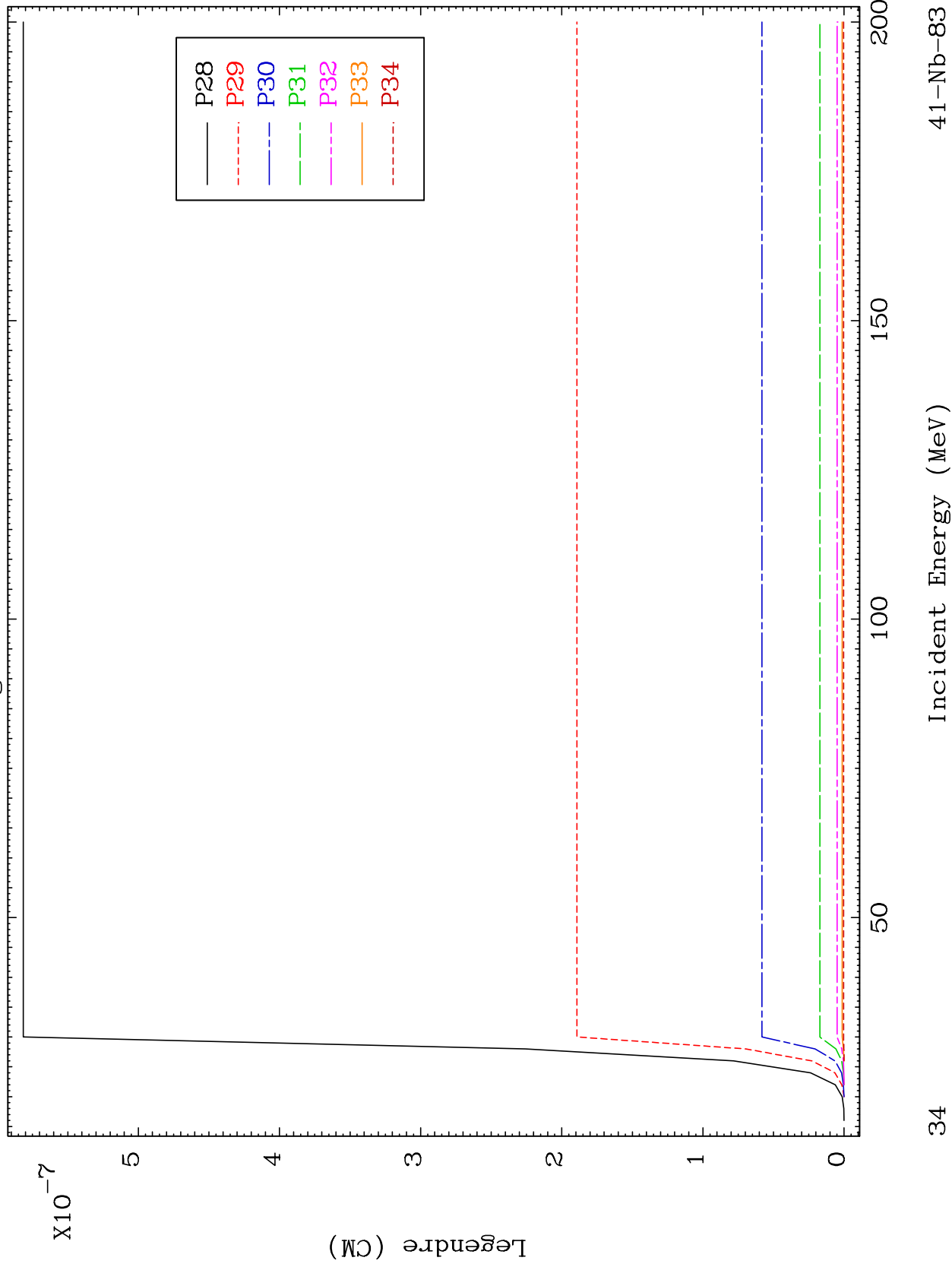
41-Nb-83



MAT 4095

382.0 keV (n,n') Level
Legendre Coefficients

41-Nb-83



34

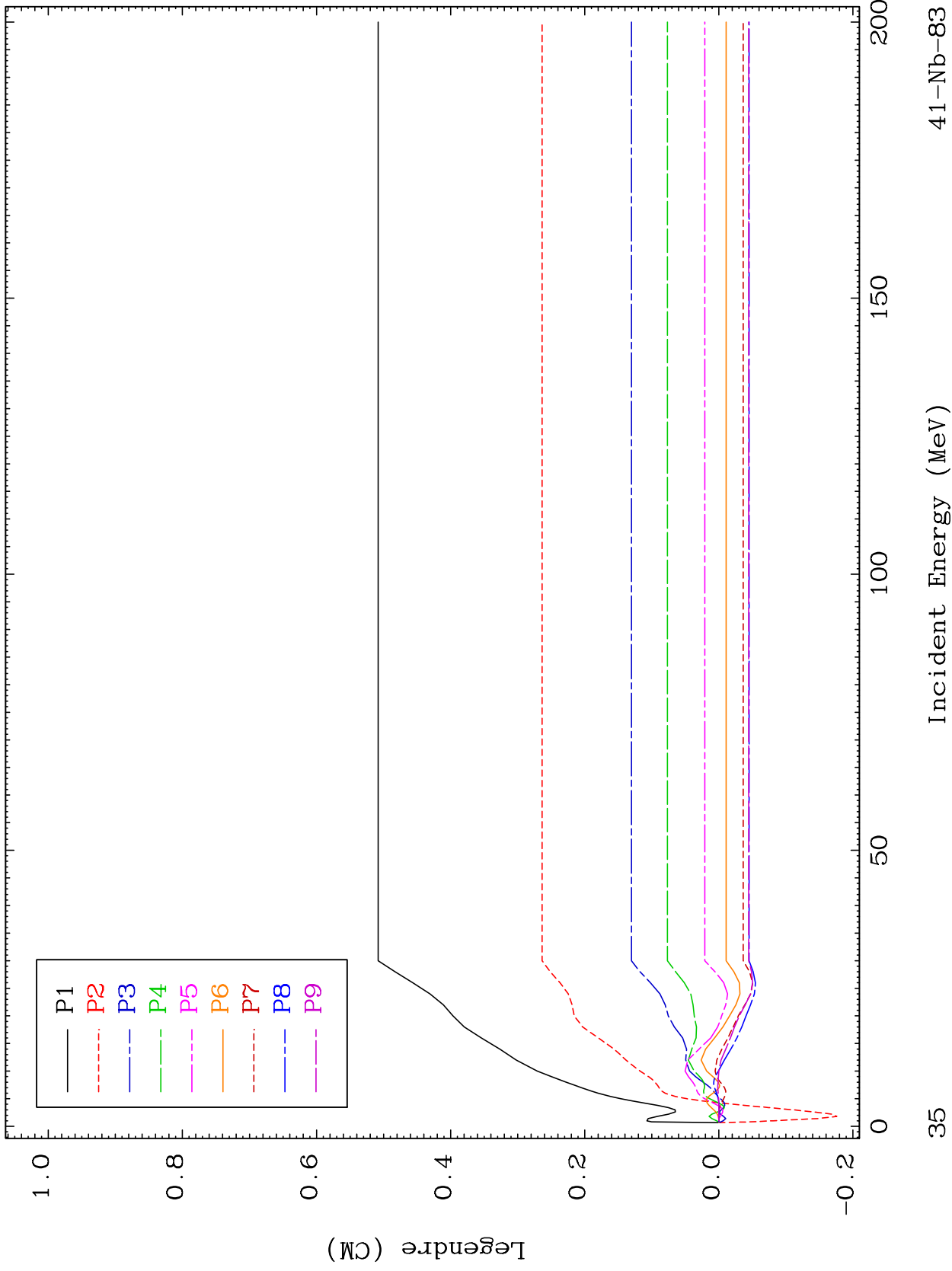
Incident Energy (MeV)

41-Nb-83

MAT 4095

644.0 keV (n,n') Level
Legendre Coefficients

41-Nb-83



41-Nb-83

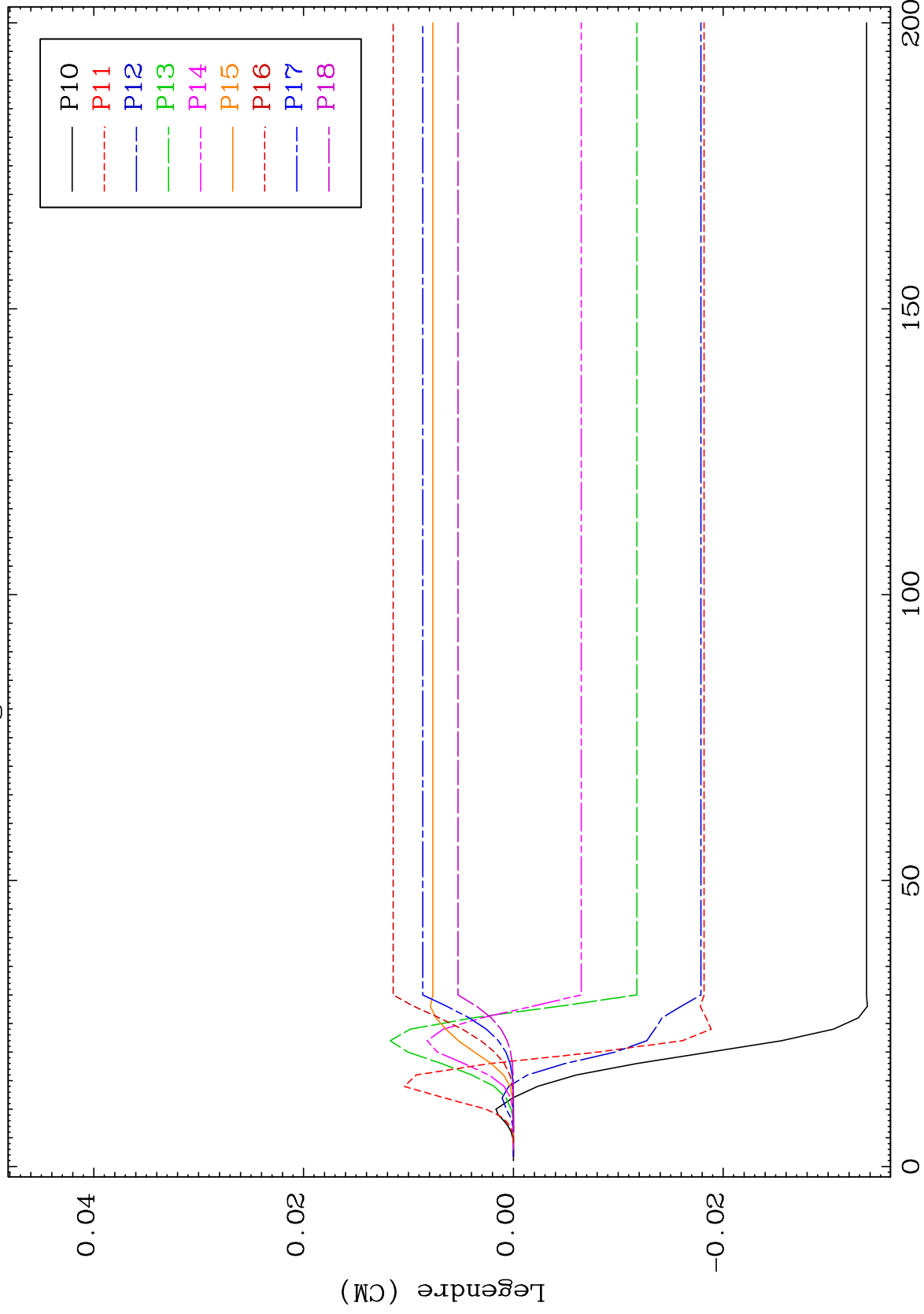
Incident Energy (MeV)

35

MAT 4095

644.0 keV (n,n') Level
Legendre Coefficients

41-Nb-83



36

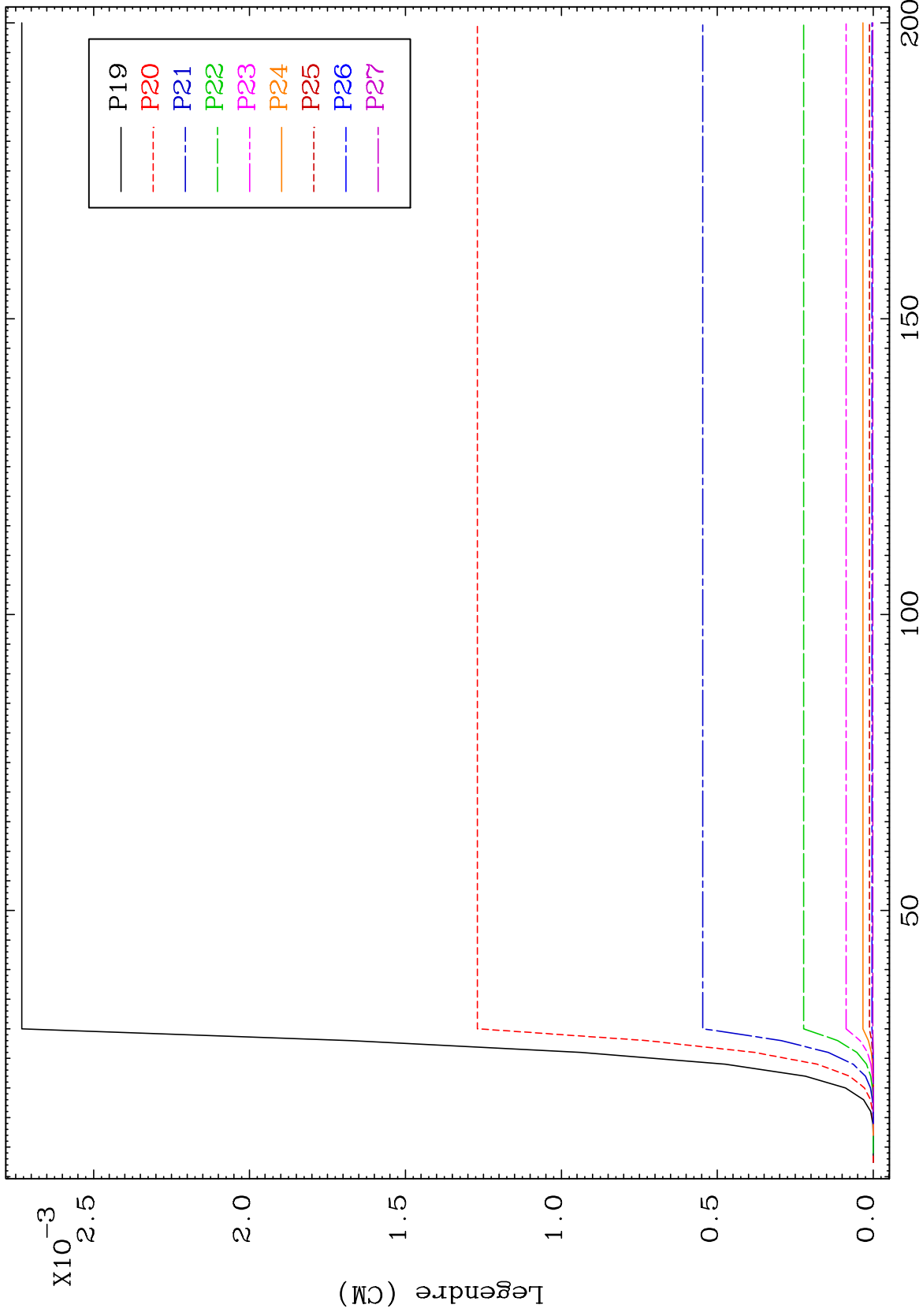
Incident Energy (MeV)

41-Nb-83

MAT 4095

644.0 keV (n,n') Level
Legendre Coefficients

41-Nb-83



37

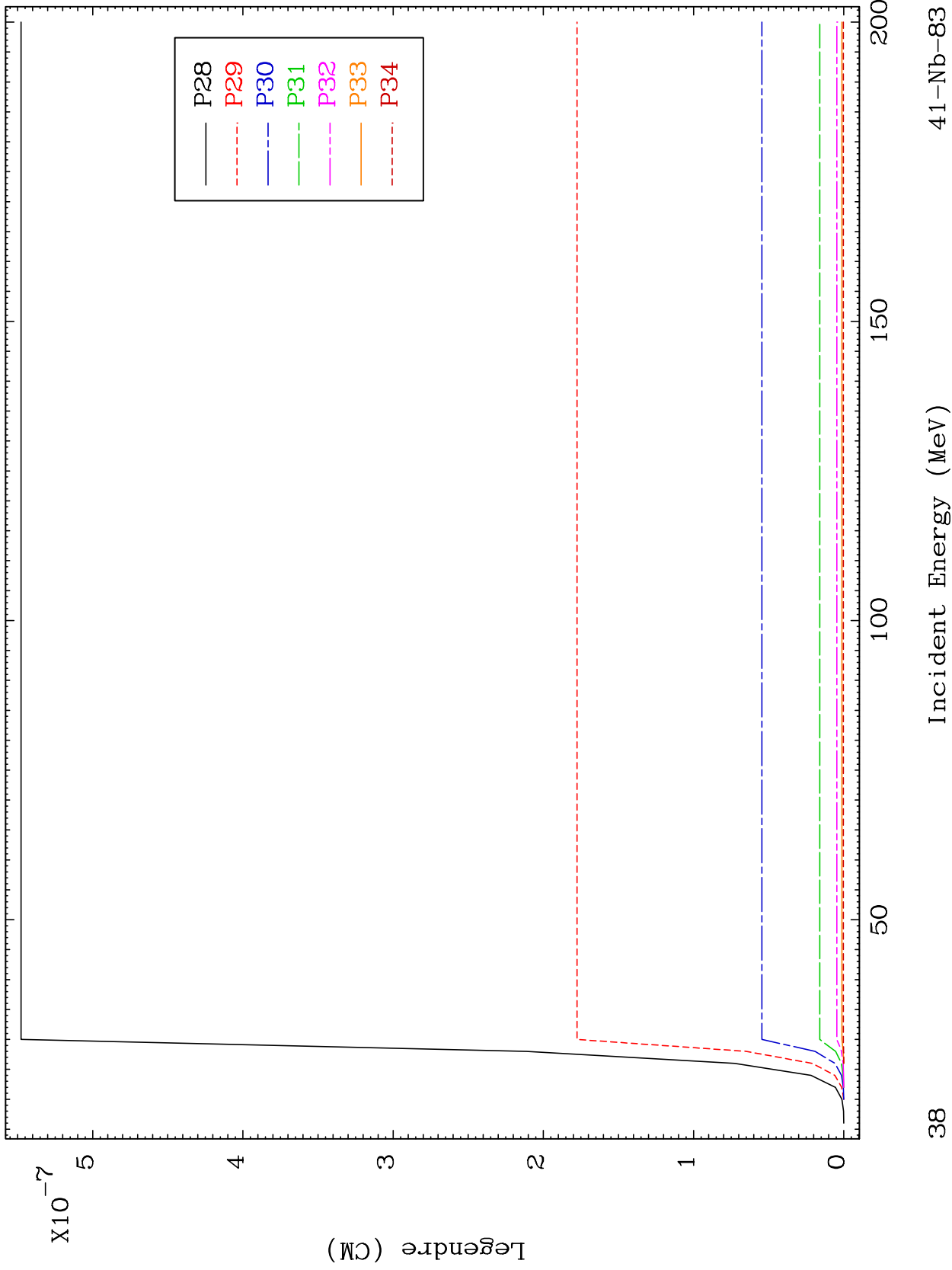
Incident Energy (MeV)

41-Nb-83

MAT 4095

644.0 keV (n,n') Level
Legendre Coefficients

41-Nb-83



38

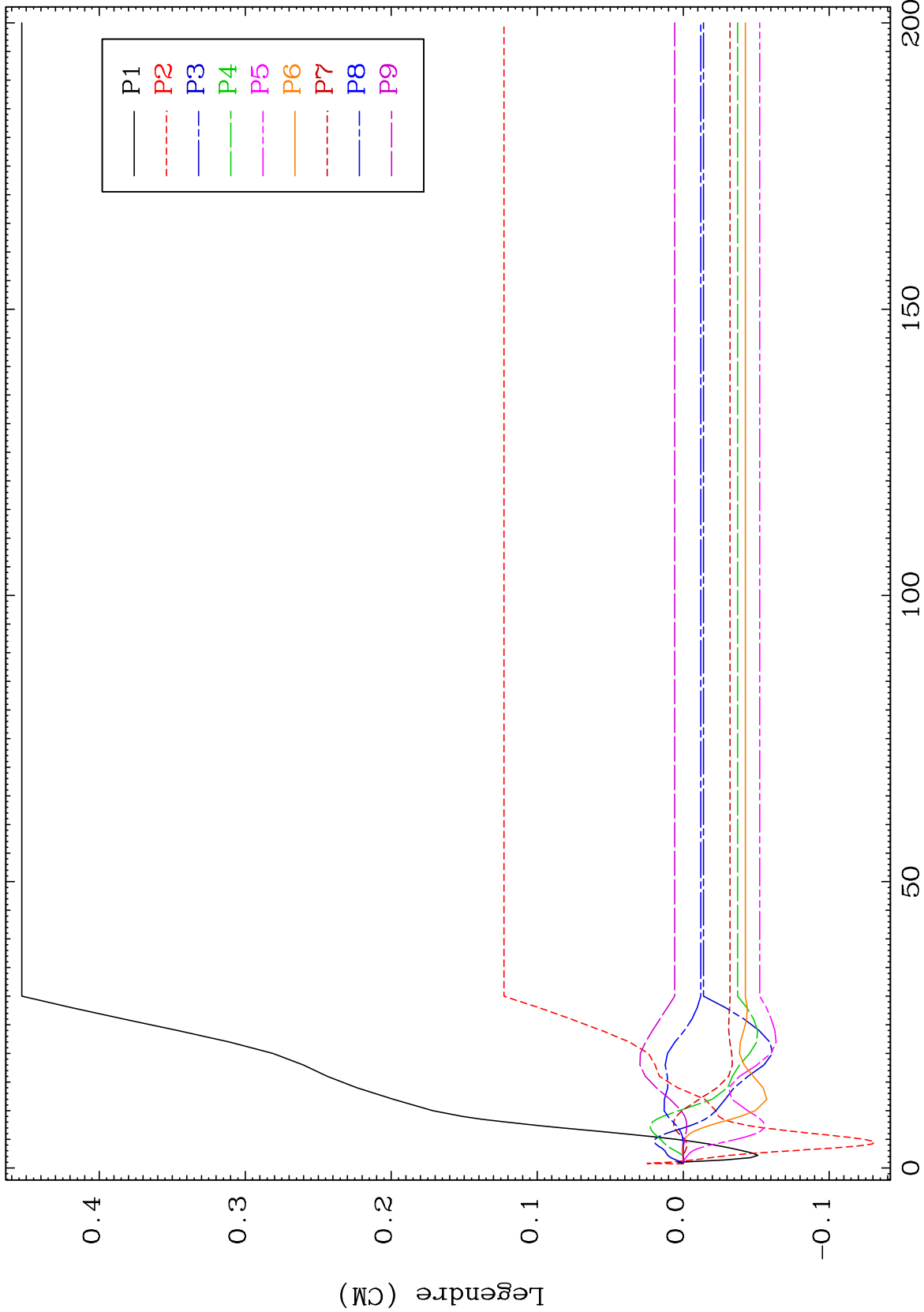
Incident Energy (MeV)

41-Nb-83

MAT 4095

712.0 keV (n,n') Level
Legendre Coefficients

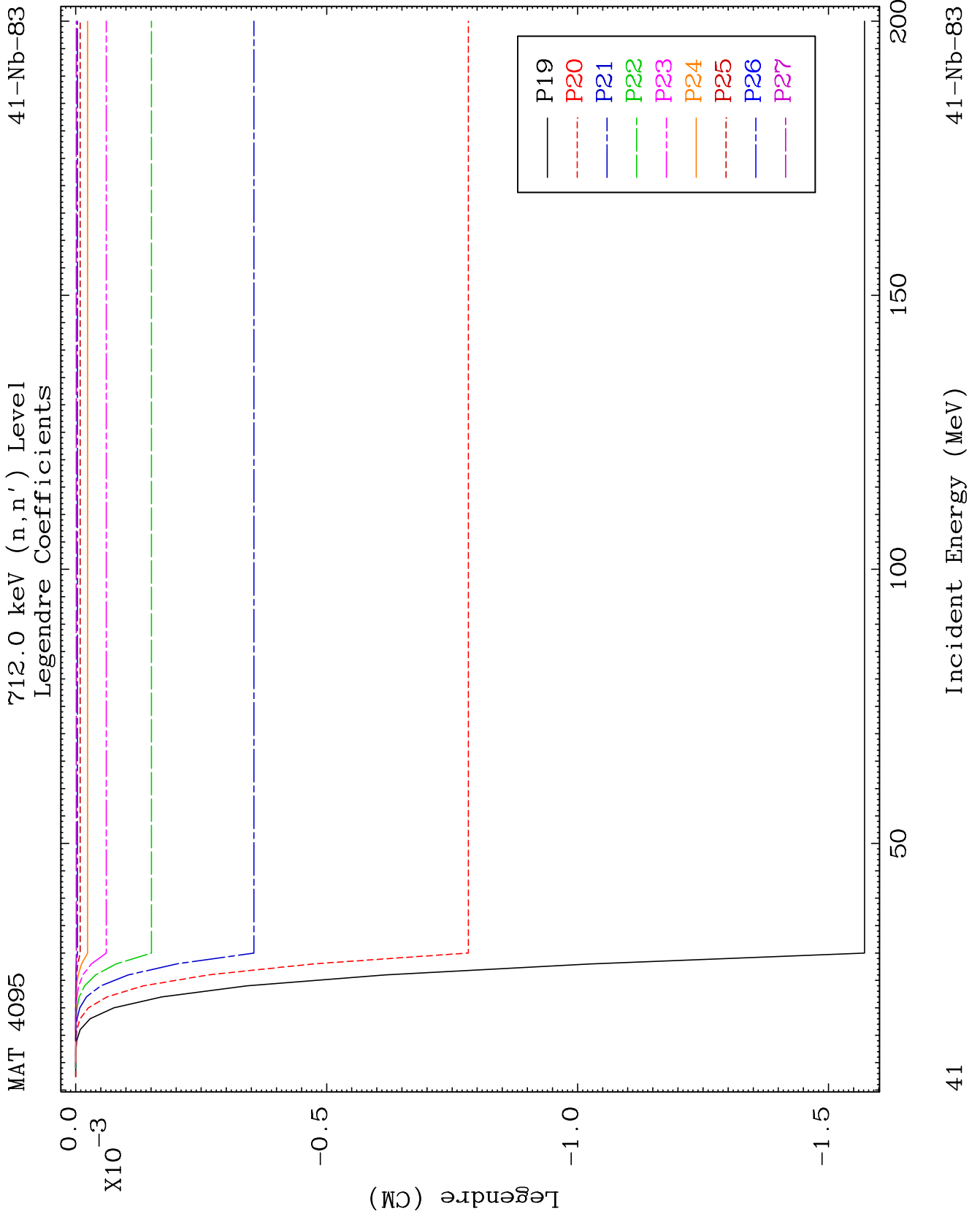
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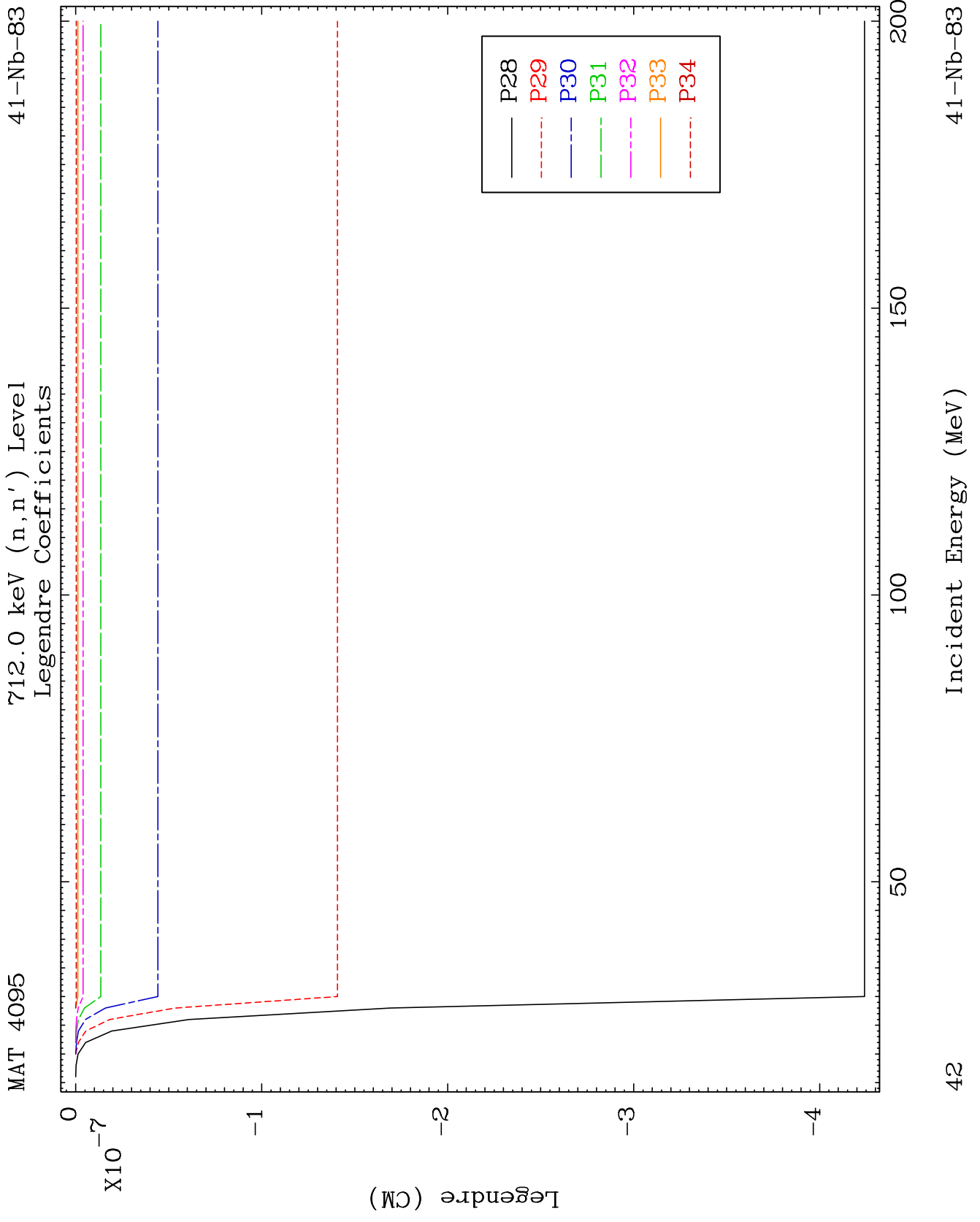


39

Incident Energy (MeV)

41-Nb-83

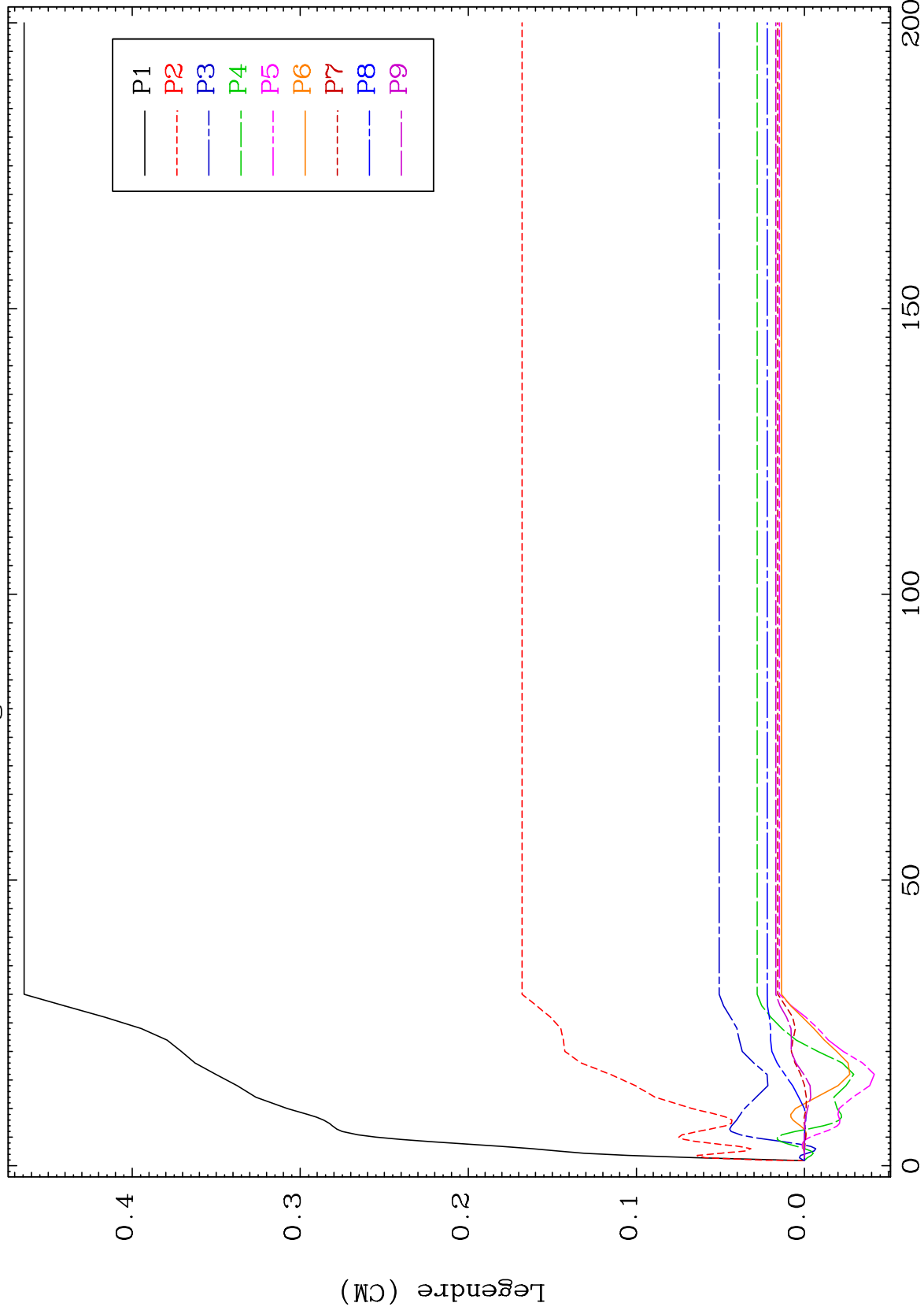




MAT 4095

875.0 keV (n,n') Level
Legendre Coefficients

41-Nb-83



43

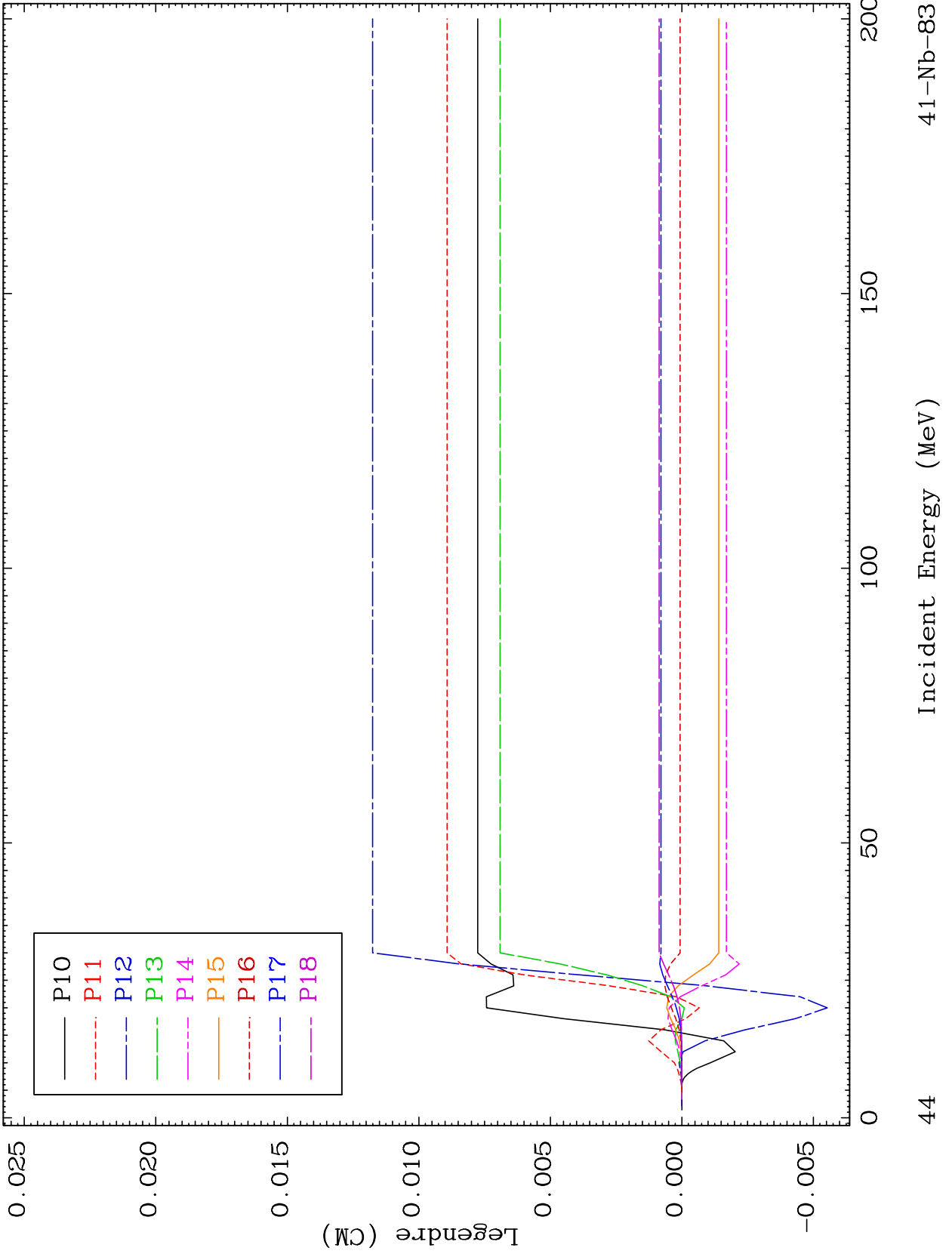
Incident Energy (MeV)

41-Nb-83

MAT 4095

875.0 keV (n,n') Level
Legendre Coefficients

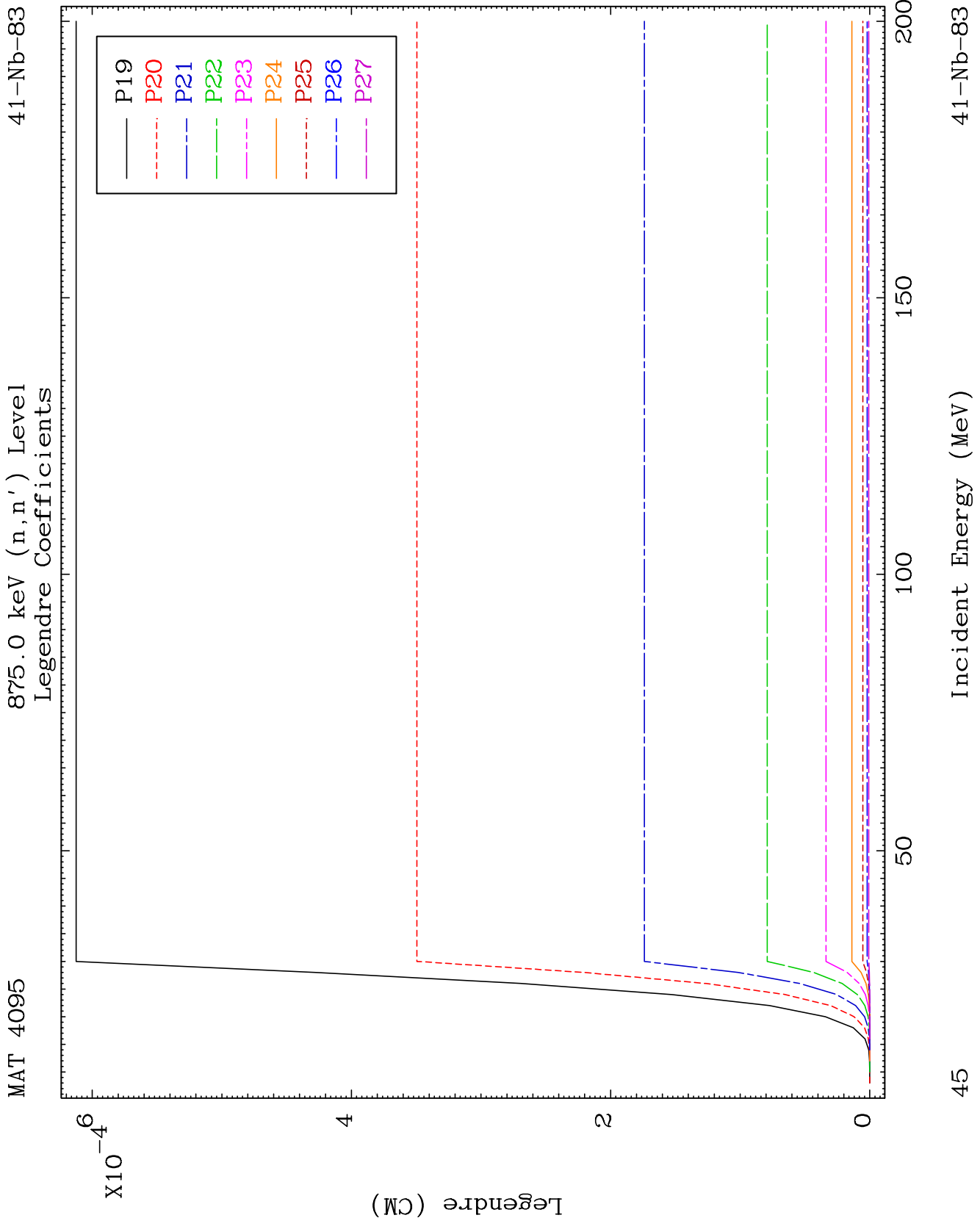
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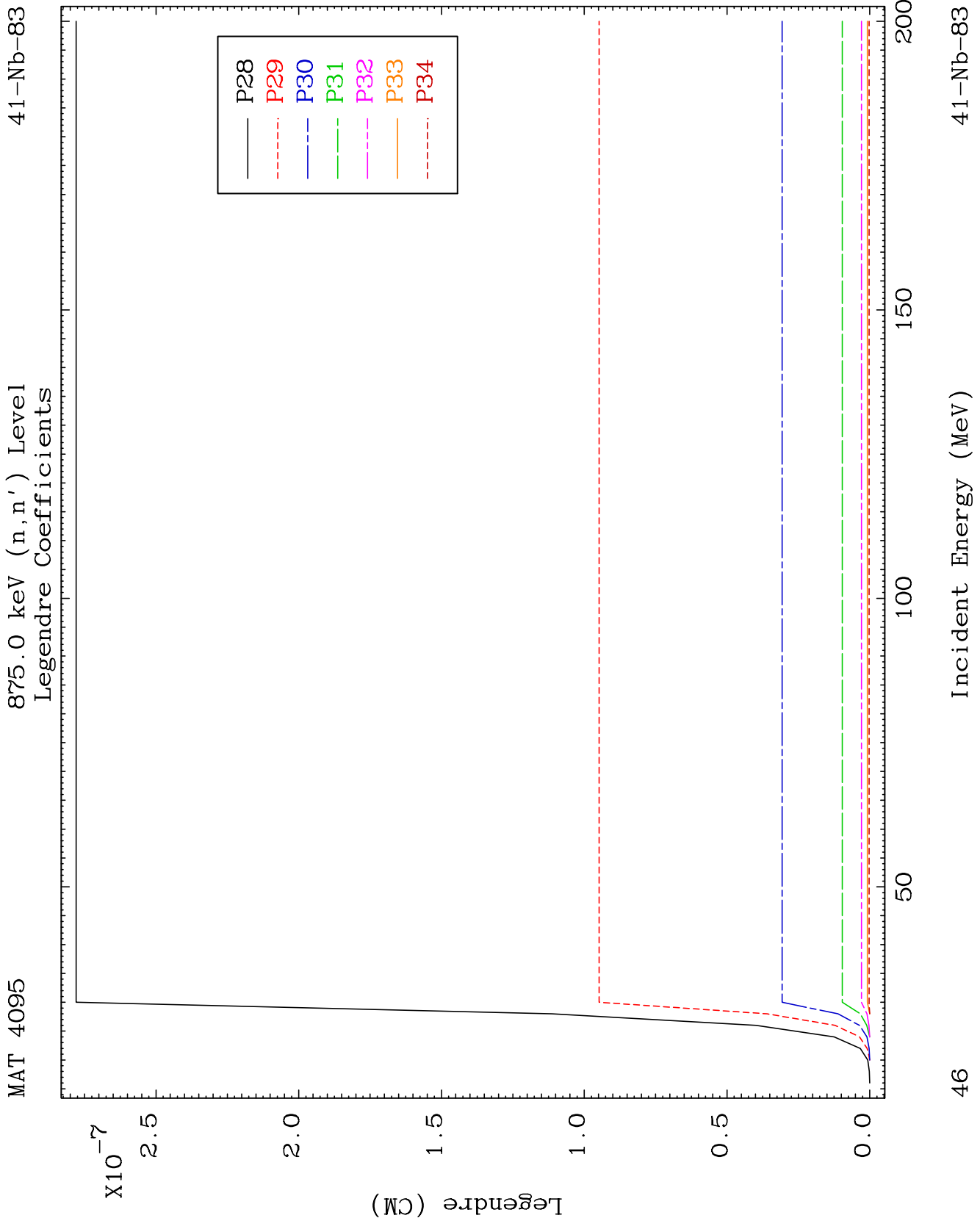


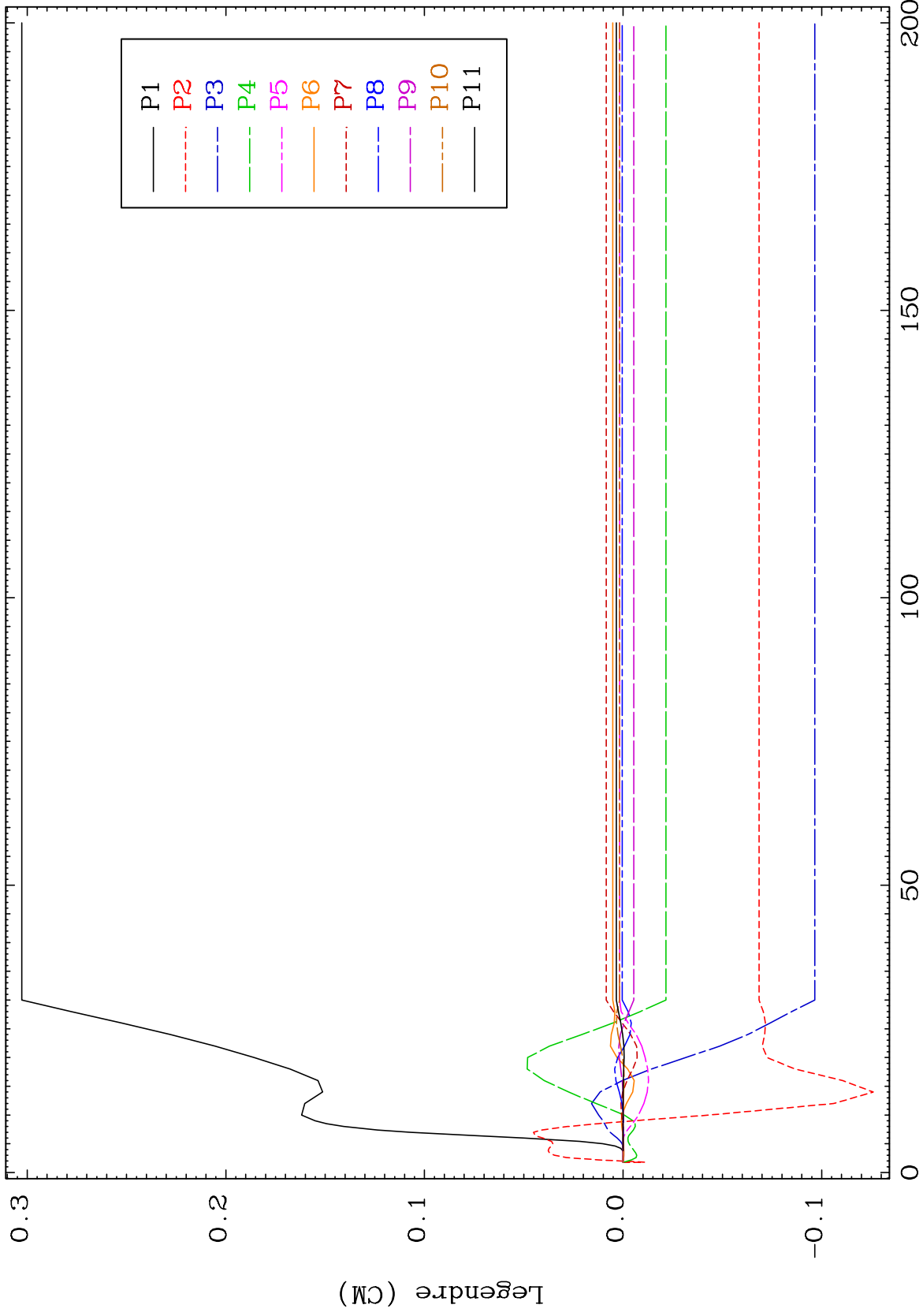
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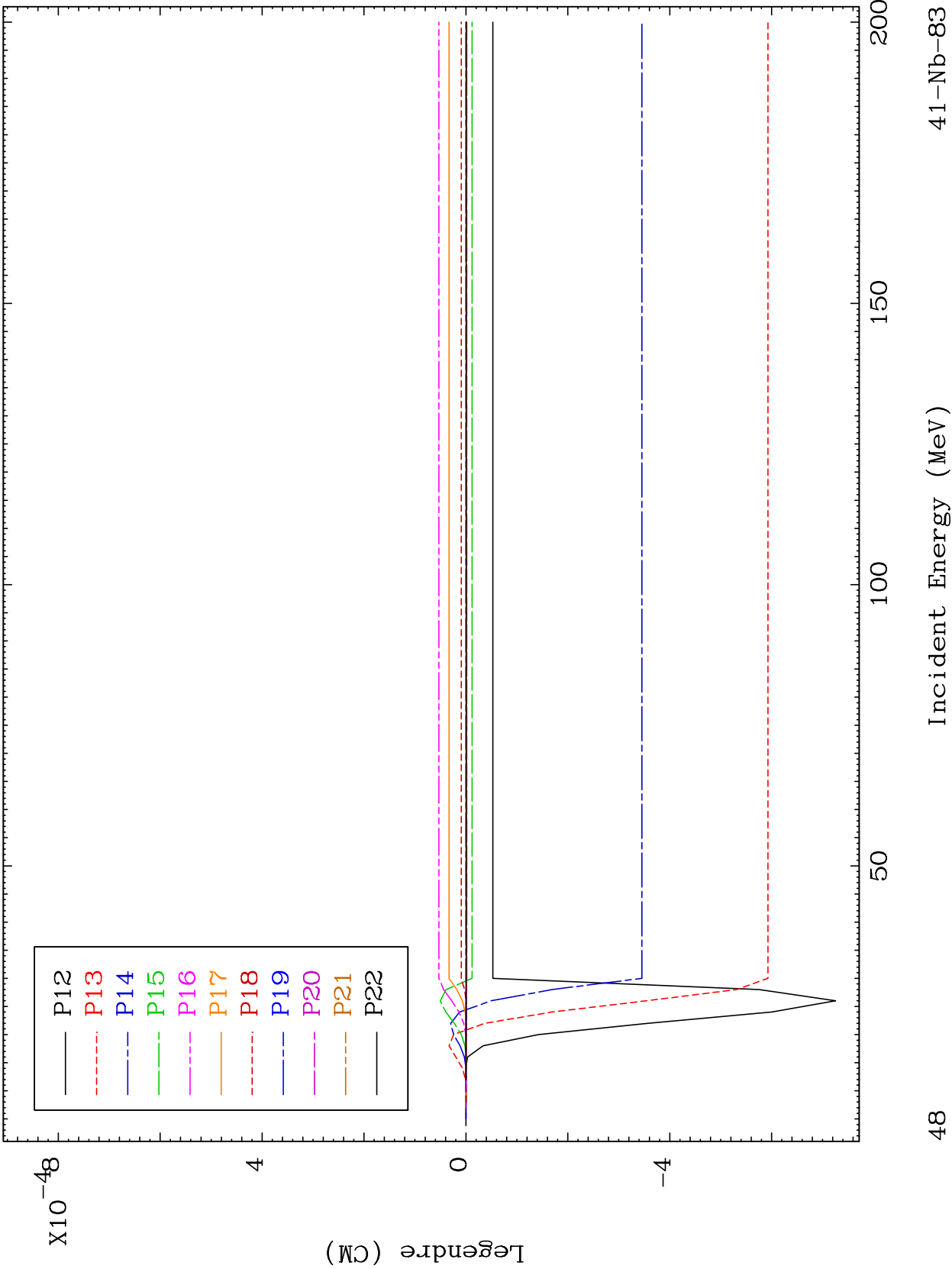
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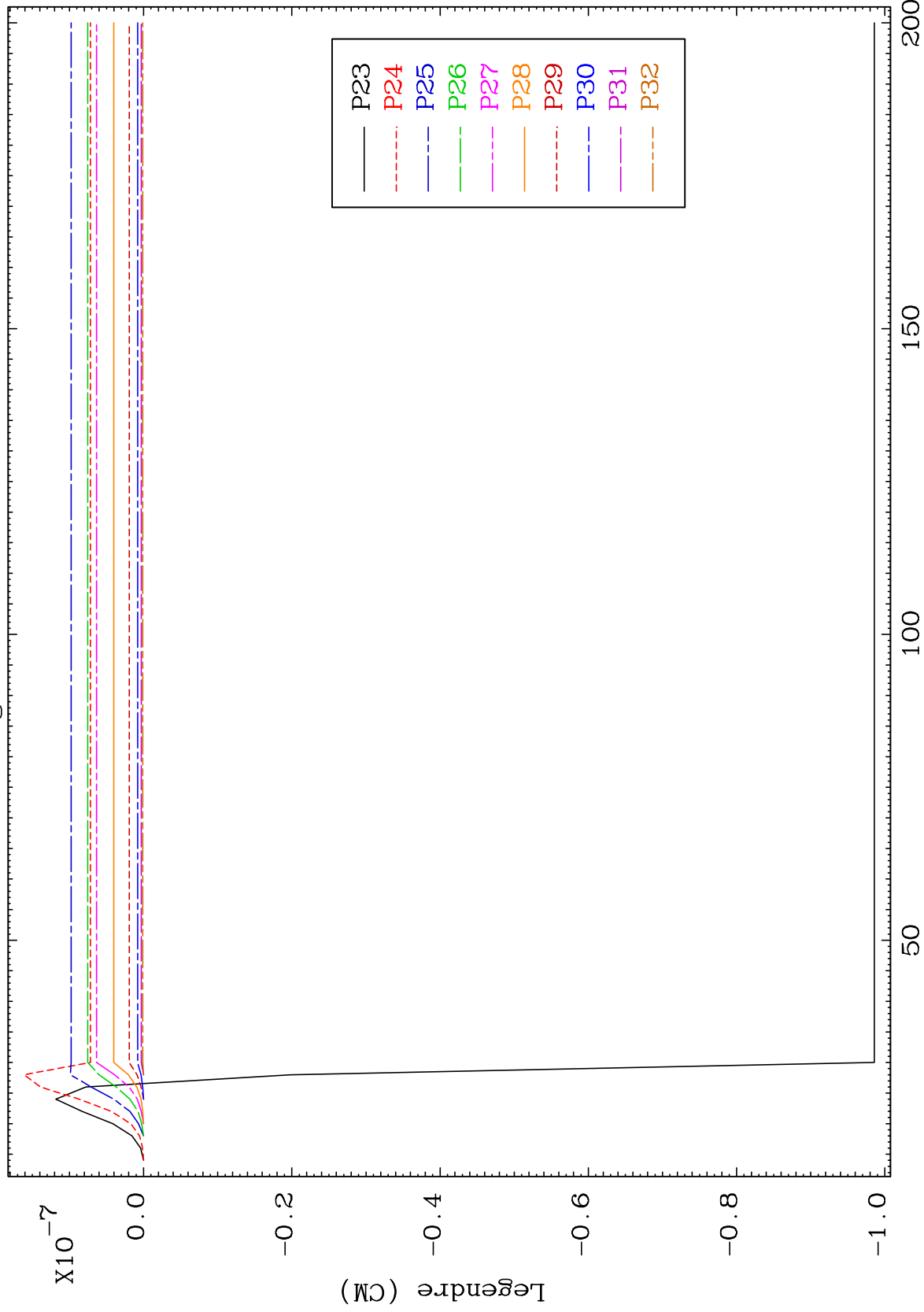
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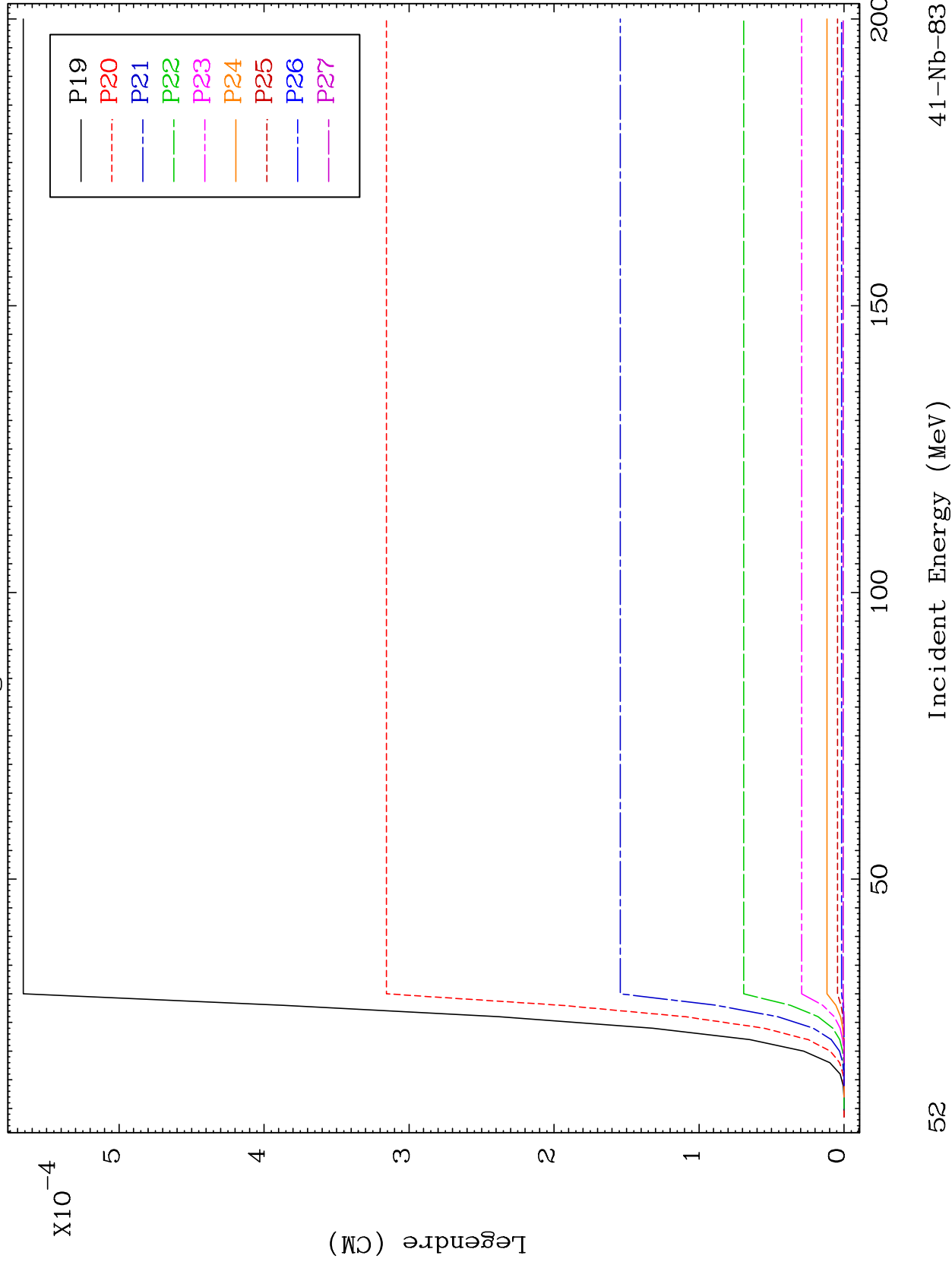




MAT 4095

1.737 MeV (n,n') Level
Legendre Coefficients

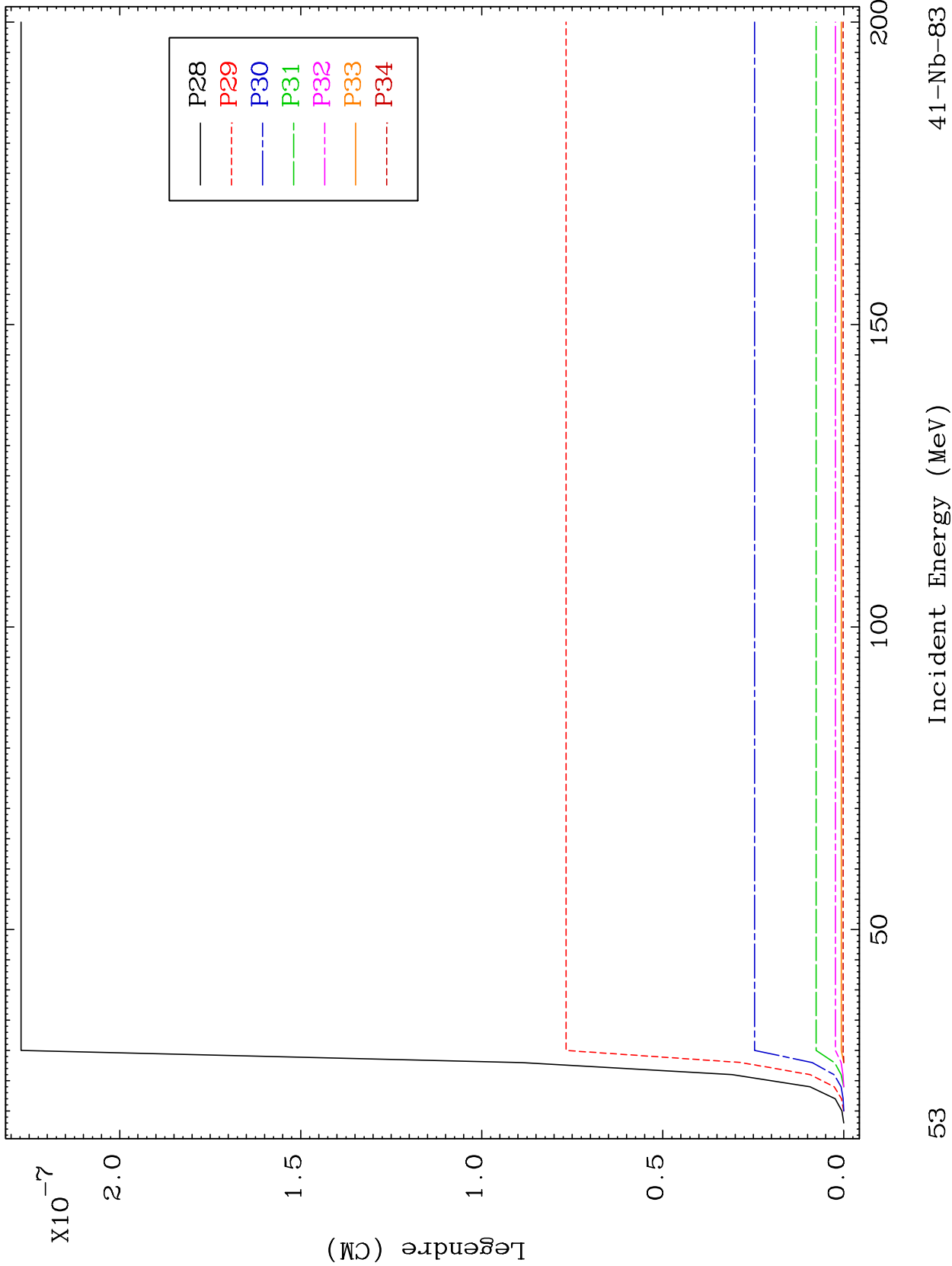
41-Nb-83



52

Incident Energy (MeV)

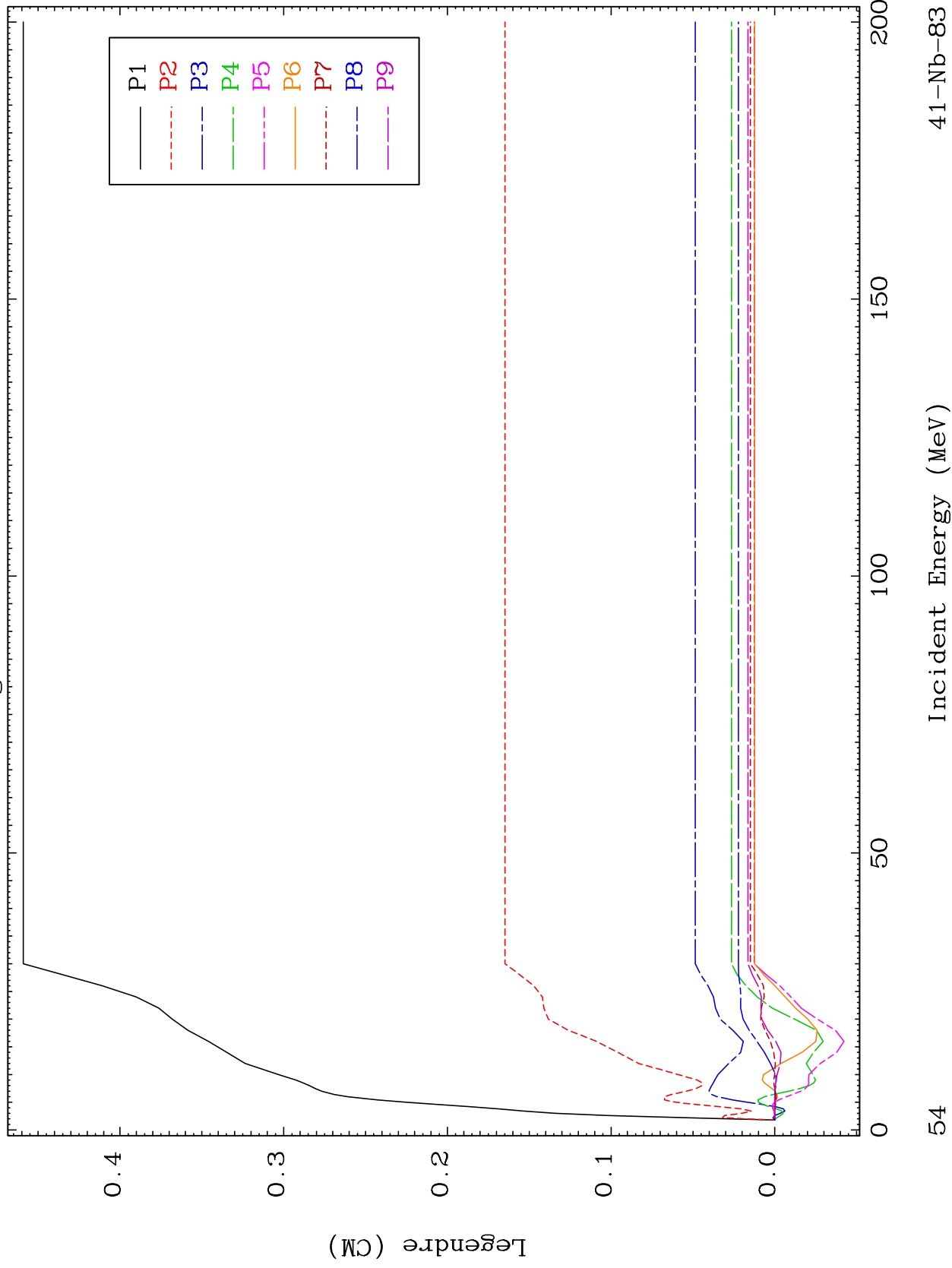
41-Nb-83



MAT 4095

1.756 MeV (n,n') Level
Legendre Coefficients

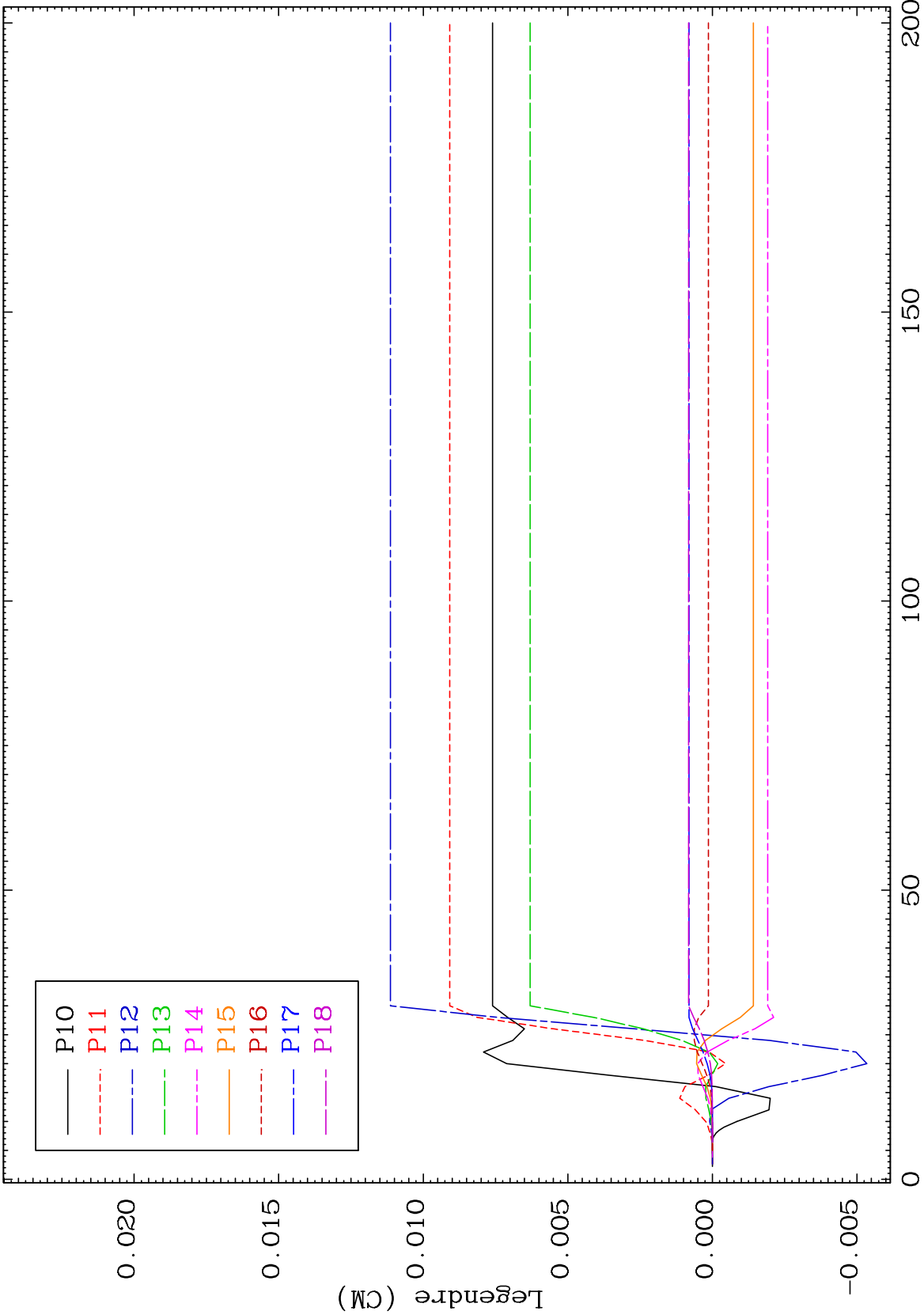
41-Nb-83



41-Nb-83

Incident Energy (MeV)

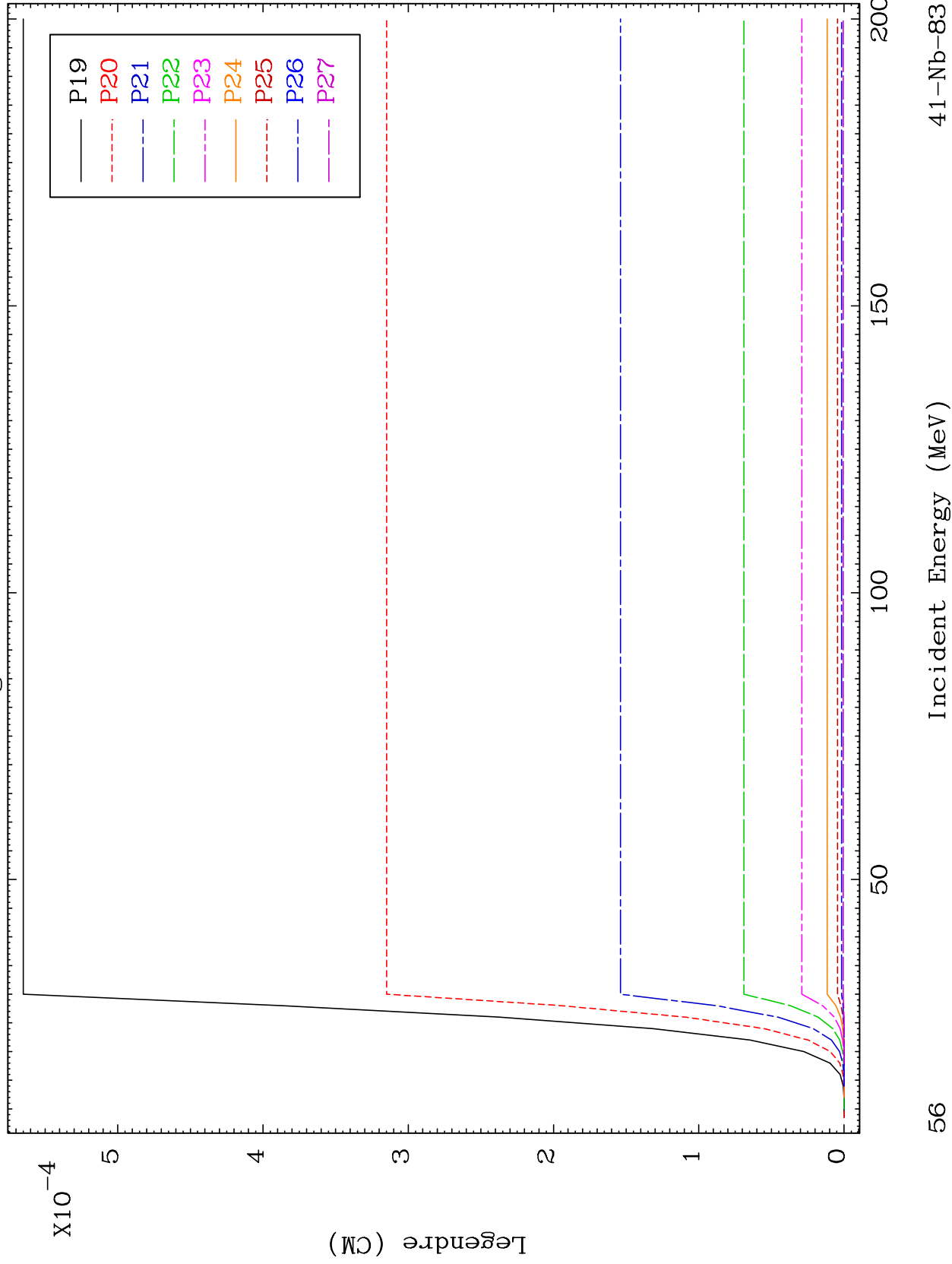
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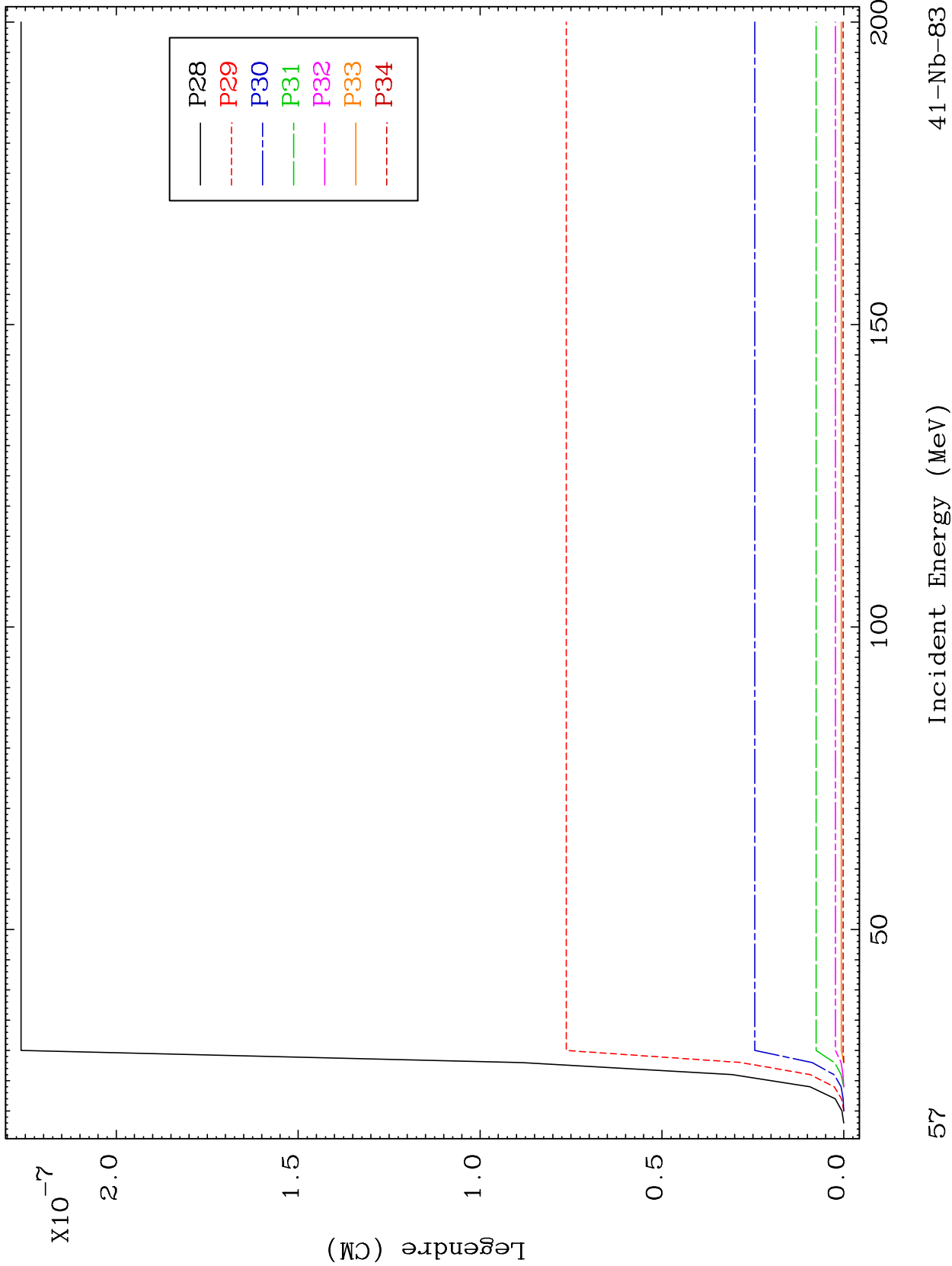


MAT 4095

1.756 MeV (n,n') Level
Legendre Coefficients

41-Nb-83

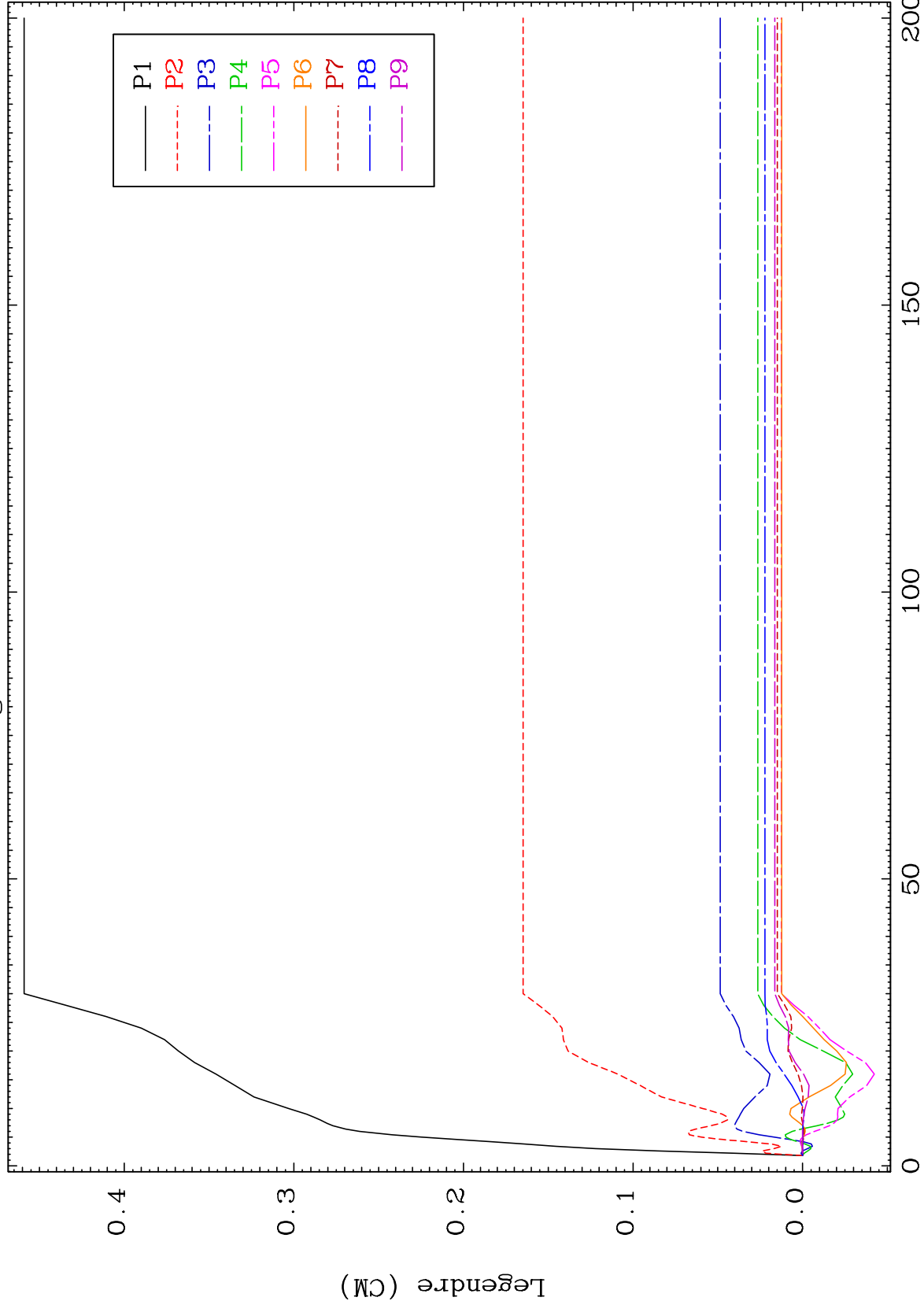




MAT 4095

1.760 MeV (n,n') Level
Legendre Coefficients

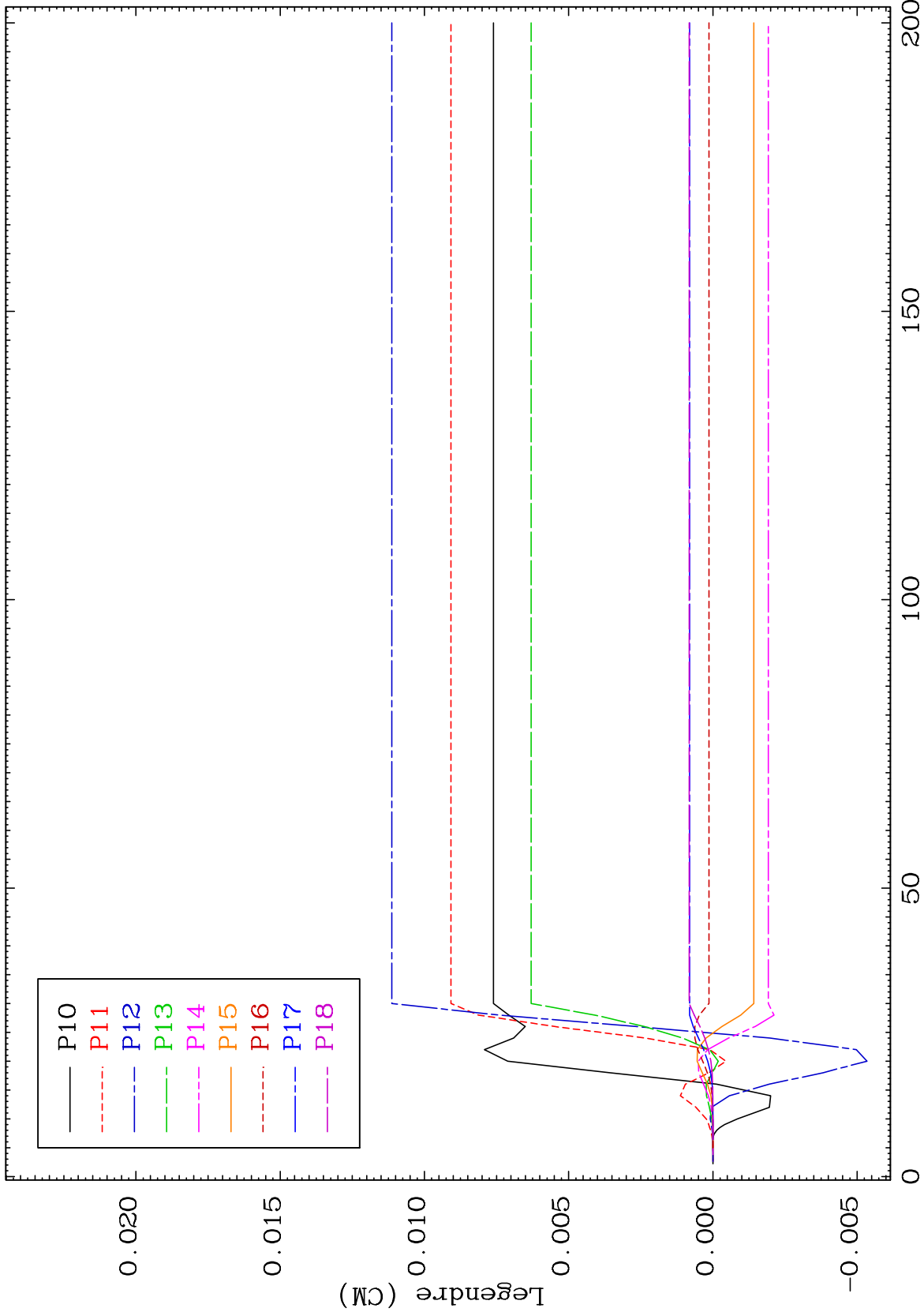
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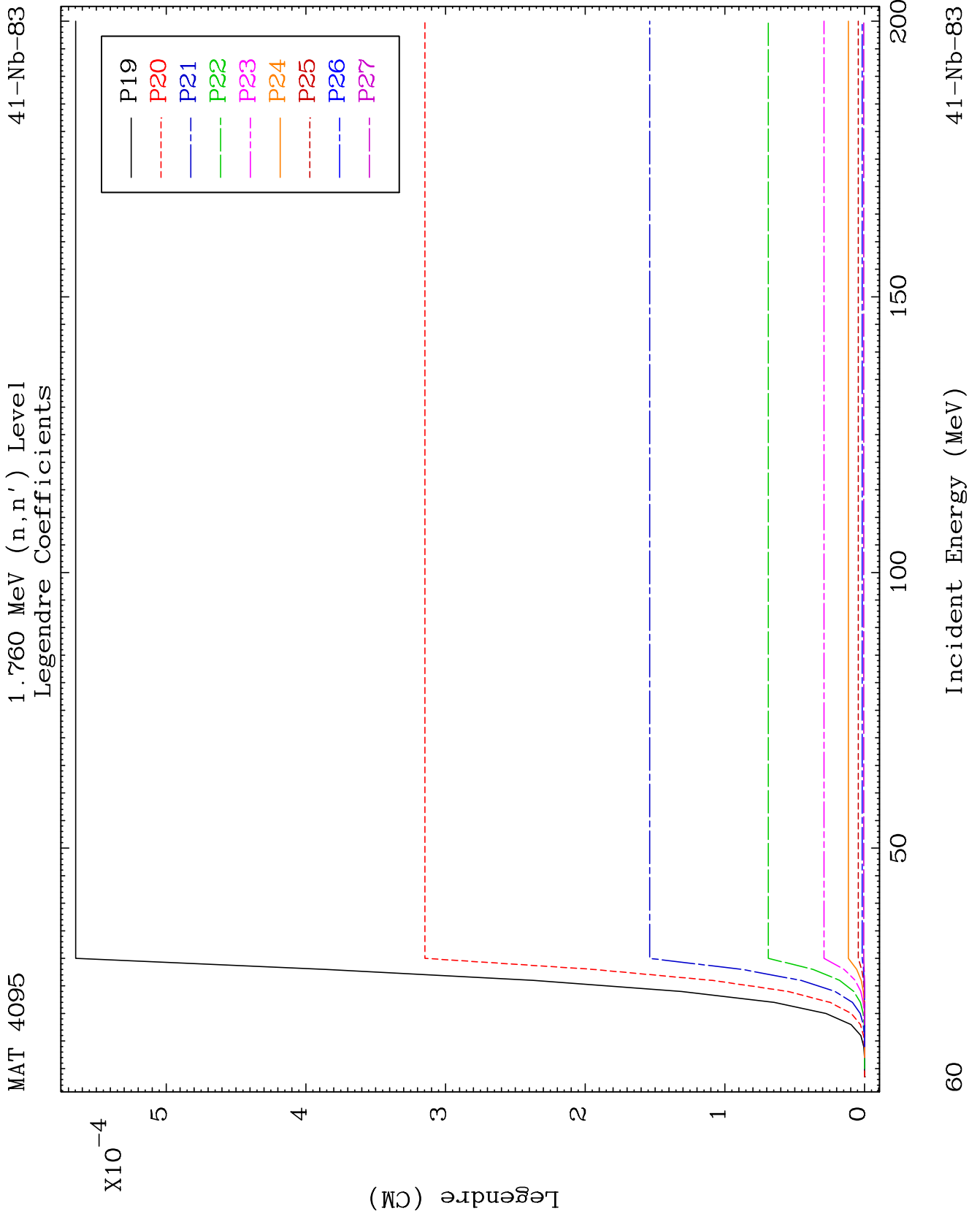


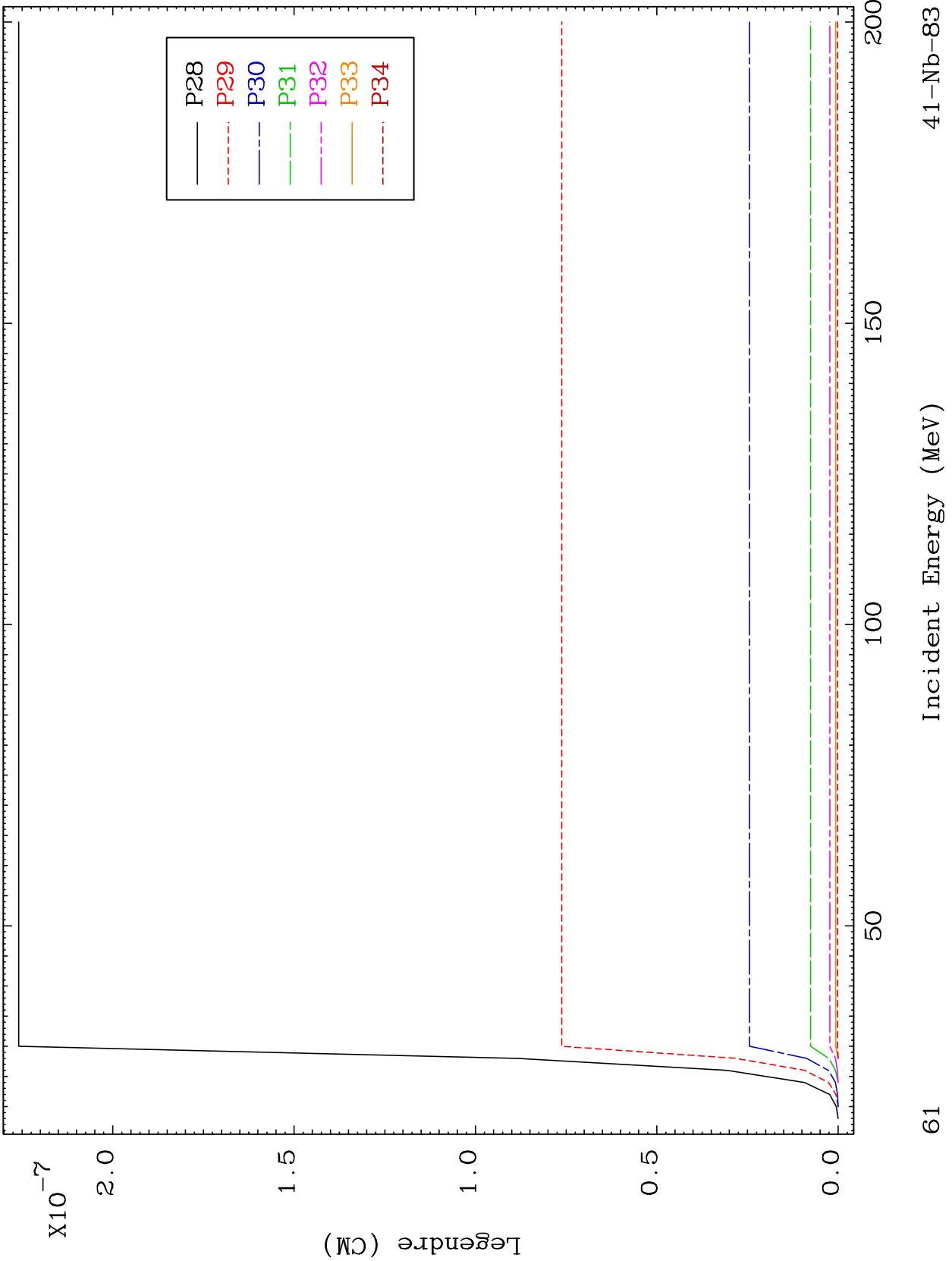
58

Incident Energy (MeV)

41-Nb-83



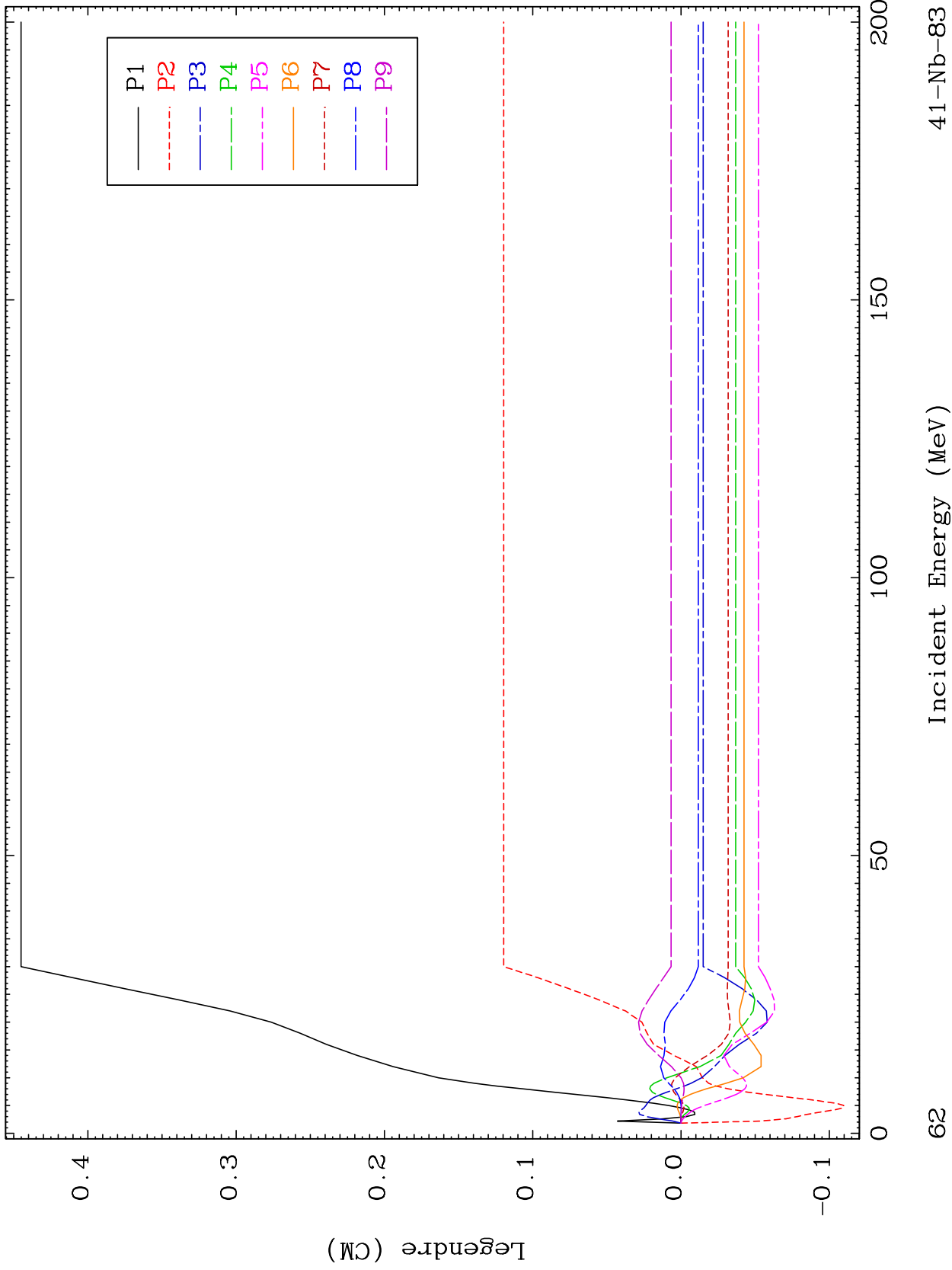




MAT 4095

1.791 MeV (n,n') Level
Legendre Coefficients

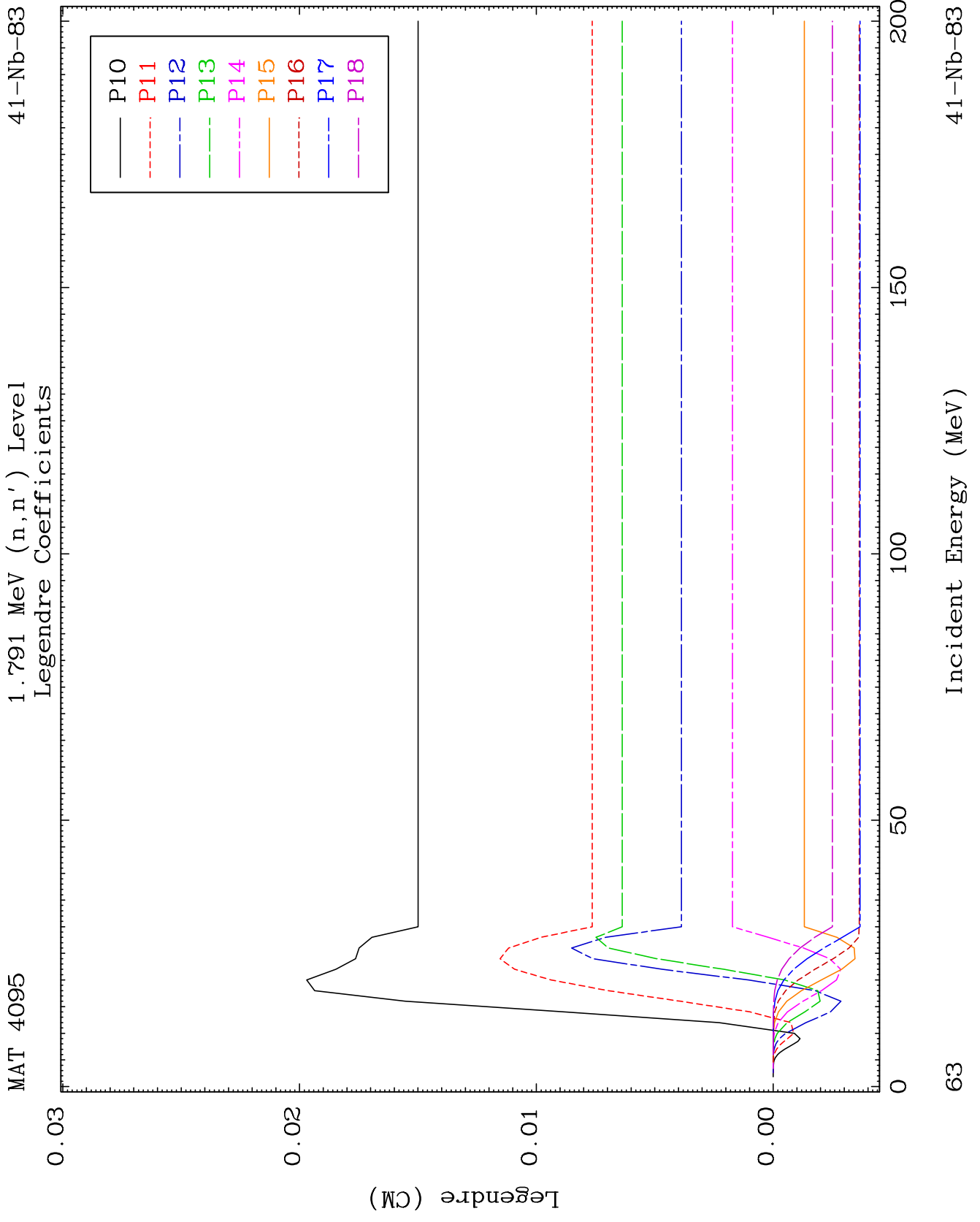
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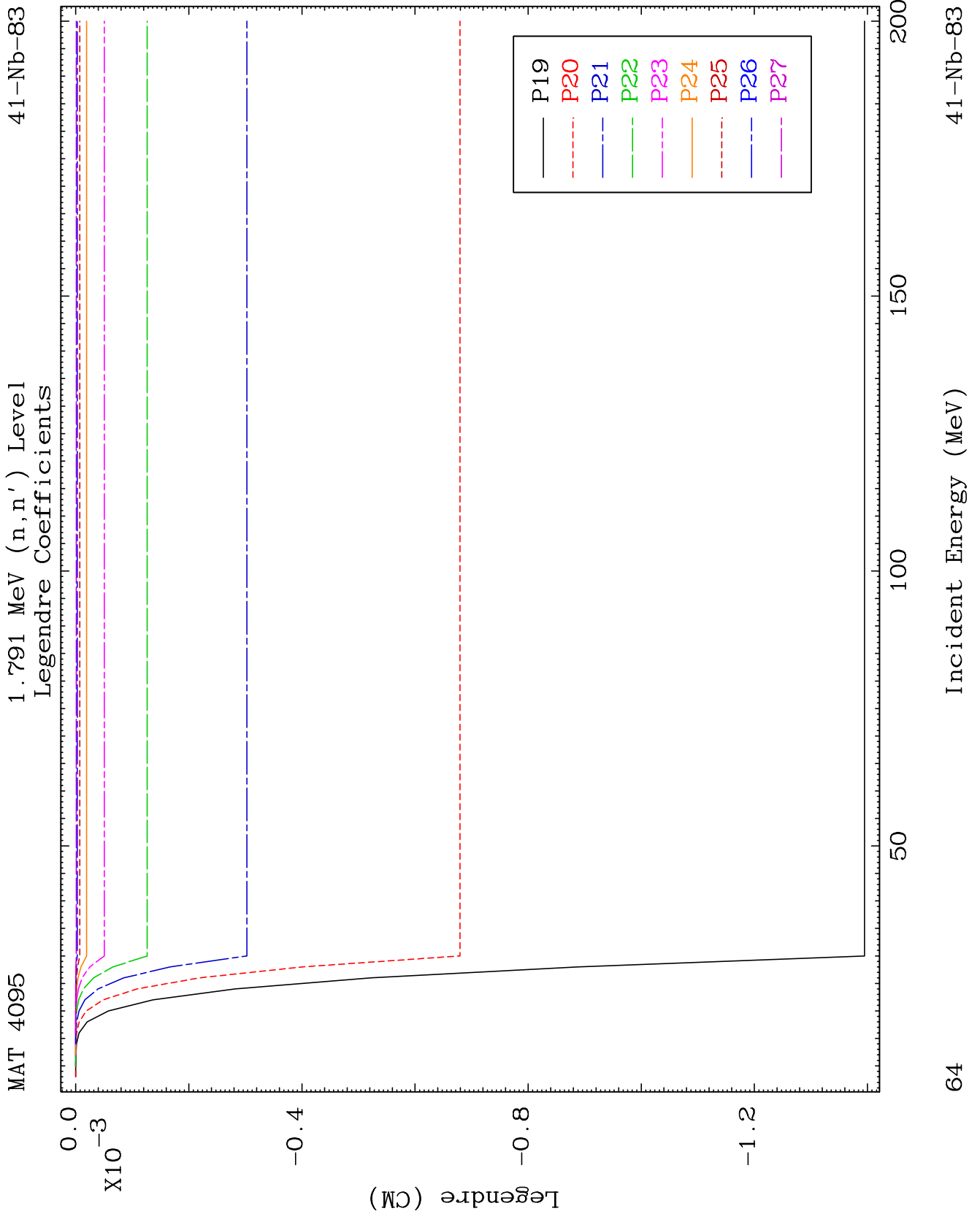


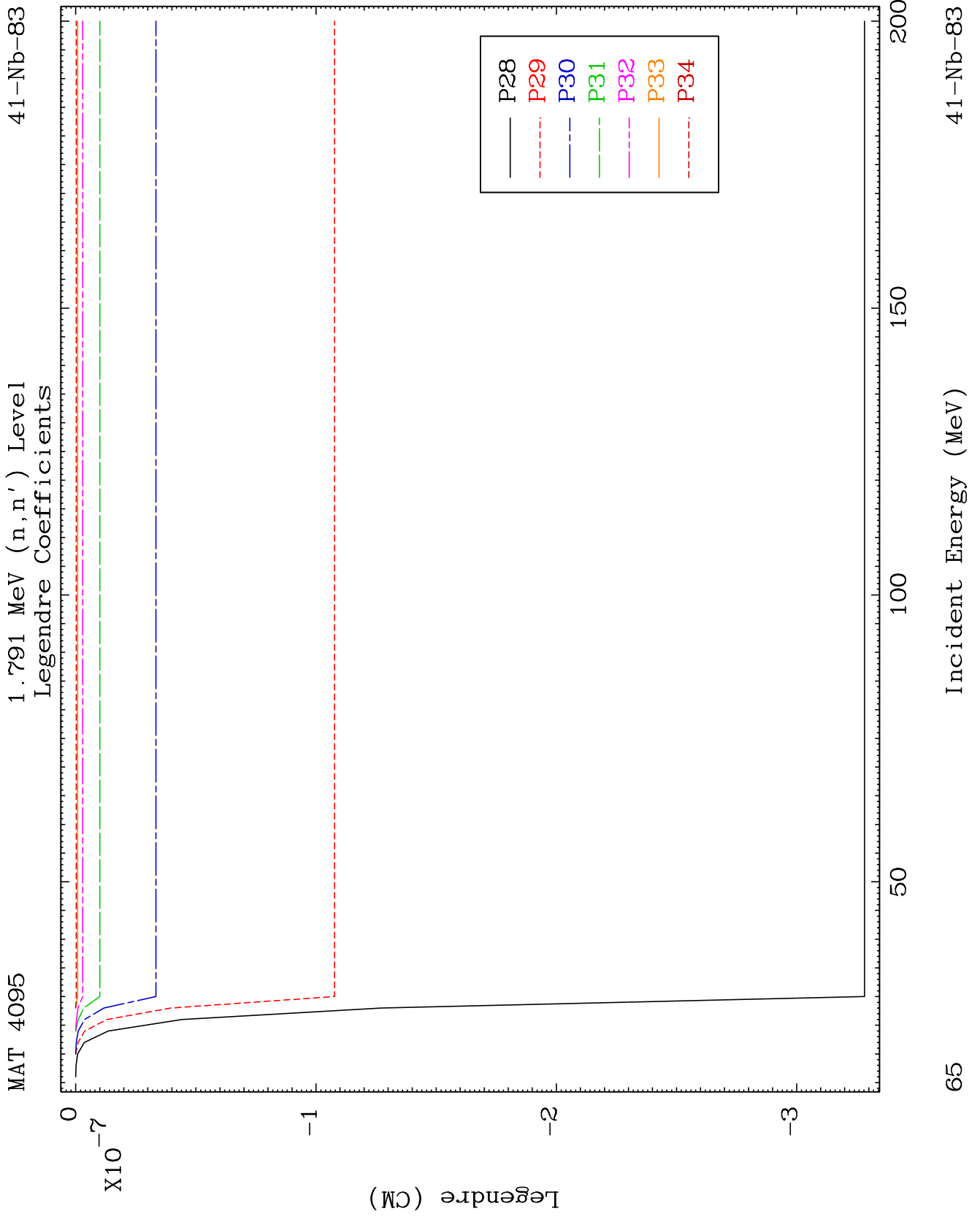
41-Nb-83

Incident Energy (MeV)

62



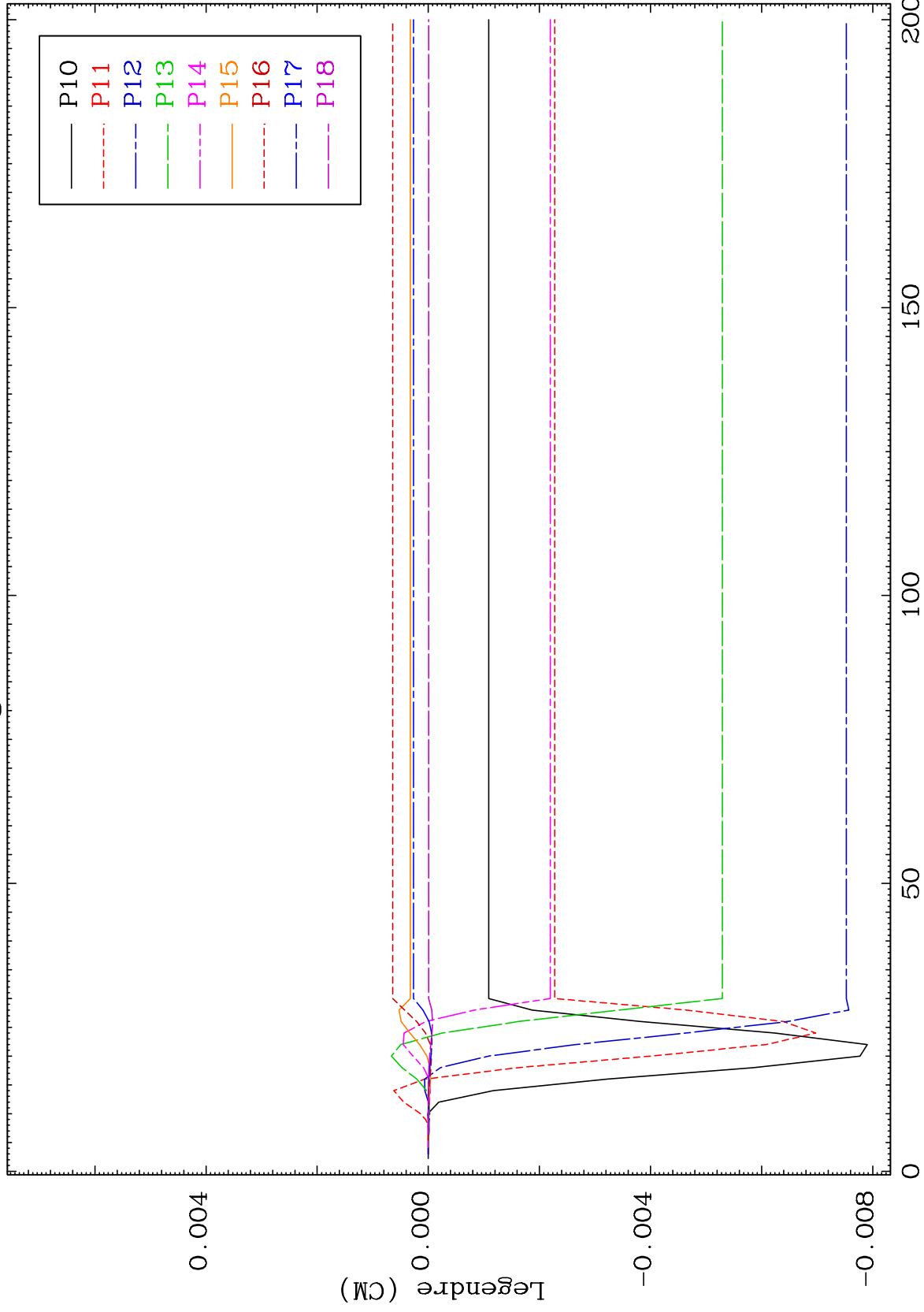




MAT 4095

1.794 MeV (n,n') Level
Legendre Coefficients

41-Nb-83



67

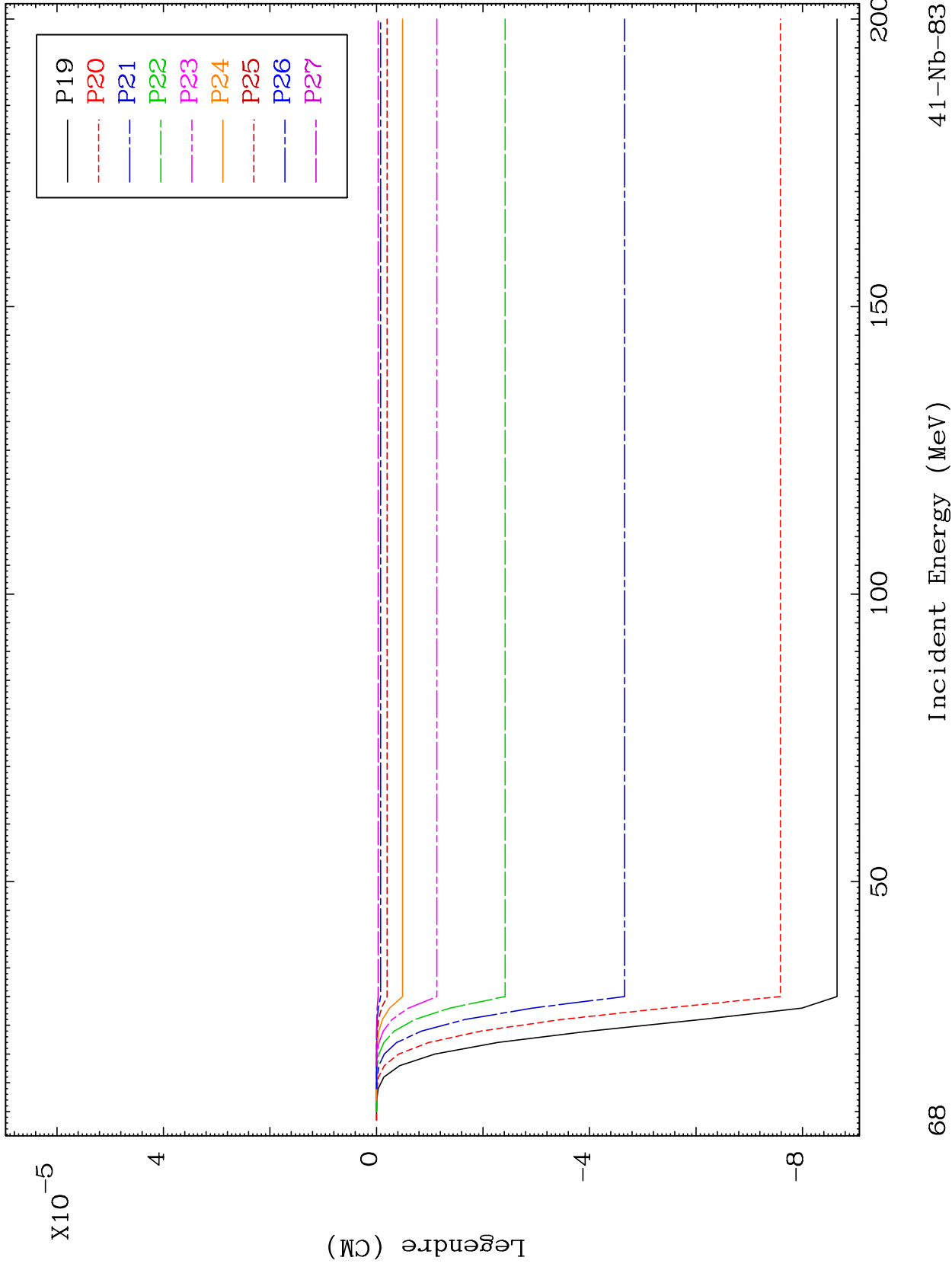
Incident Energy (MeV)

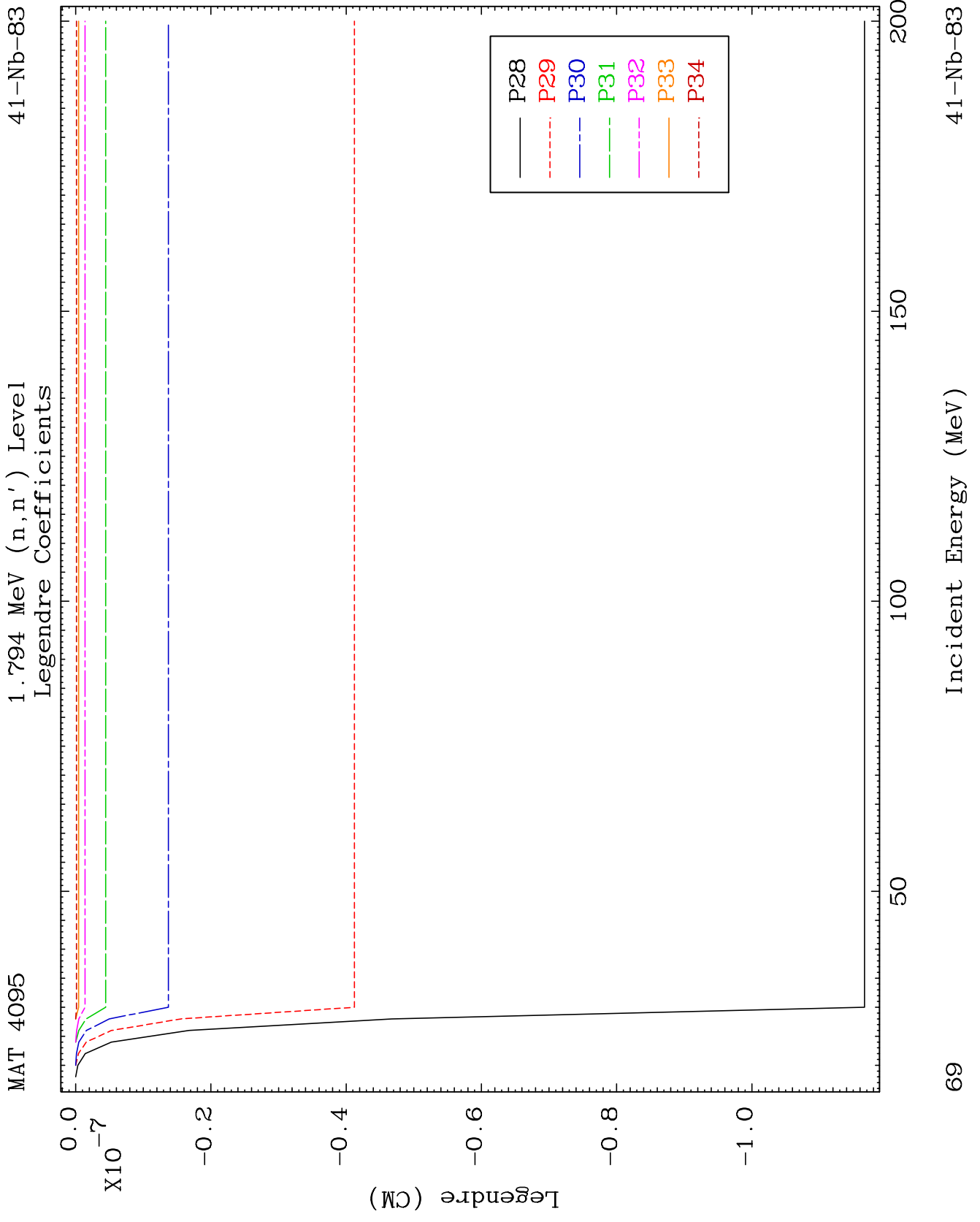
41-Nb-83

MAT 4095

1.794 MeV (n,n') Level
Legendre Coefficients

41-Nb-83

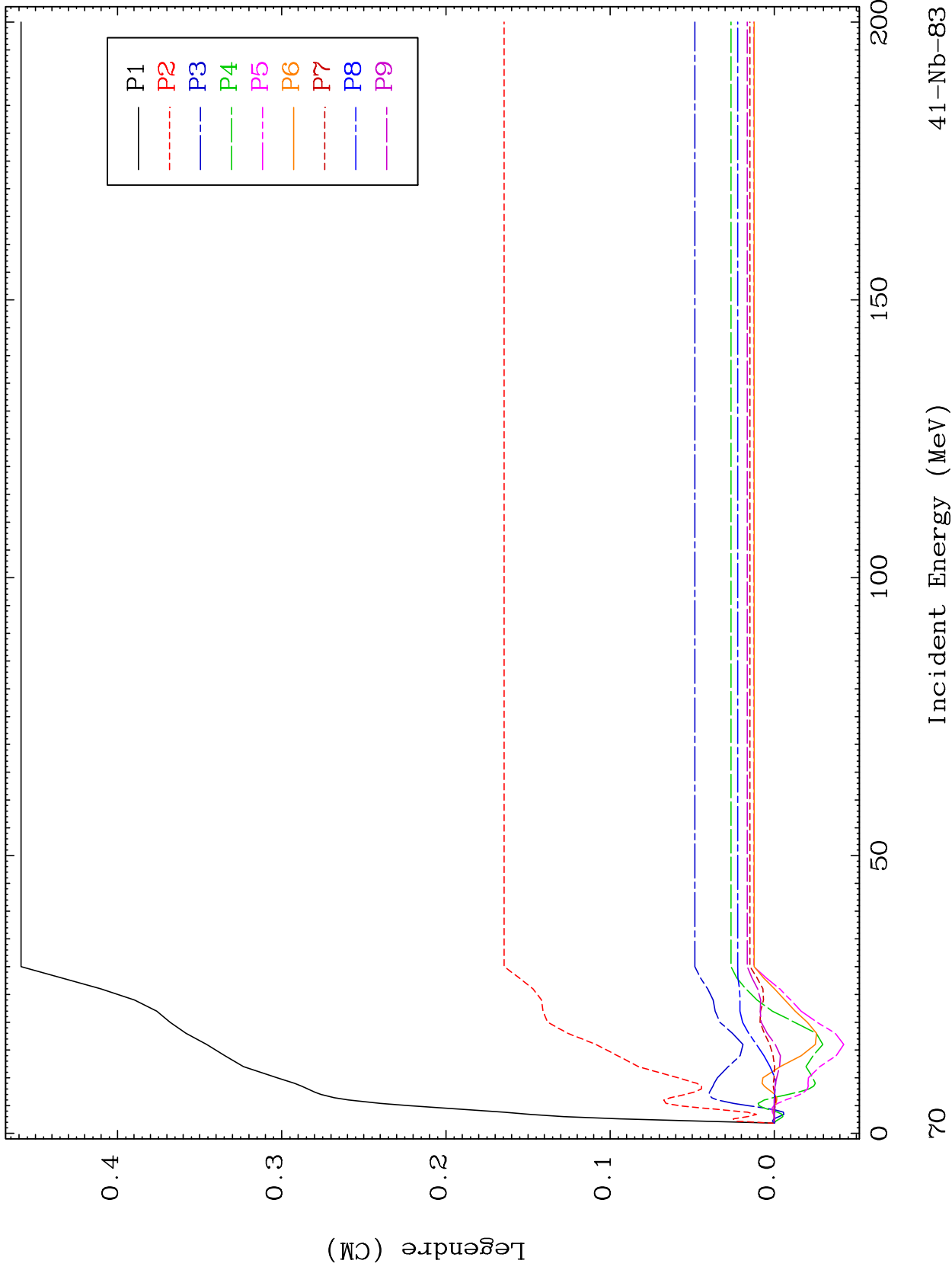




MAT 4095

1.807 MeV (n,n') Level
Legendre Coefficients

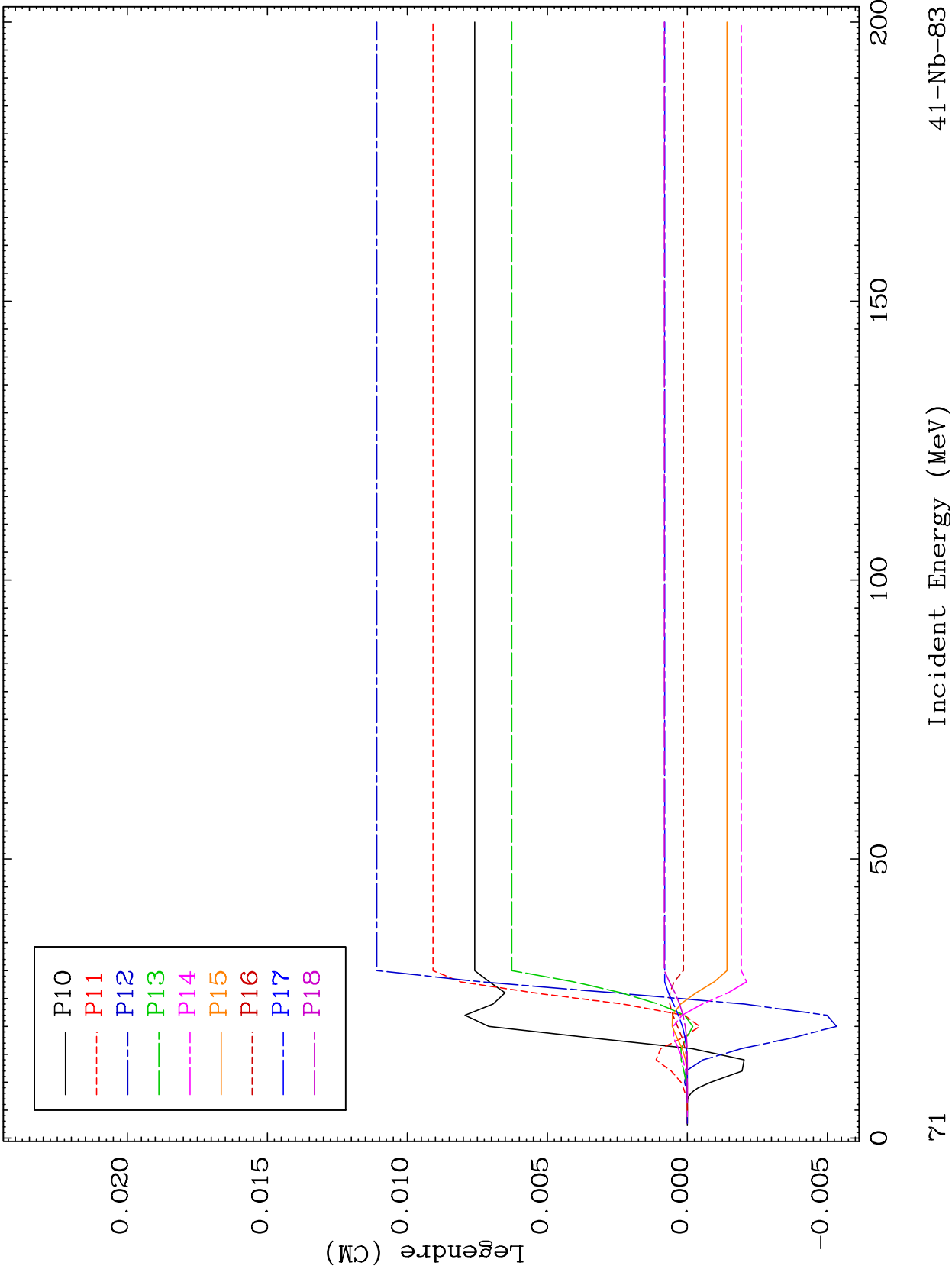
41-Nb-83



41-Nb-83

Incident Energy (MeV)

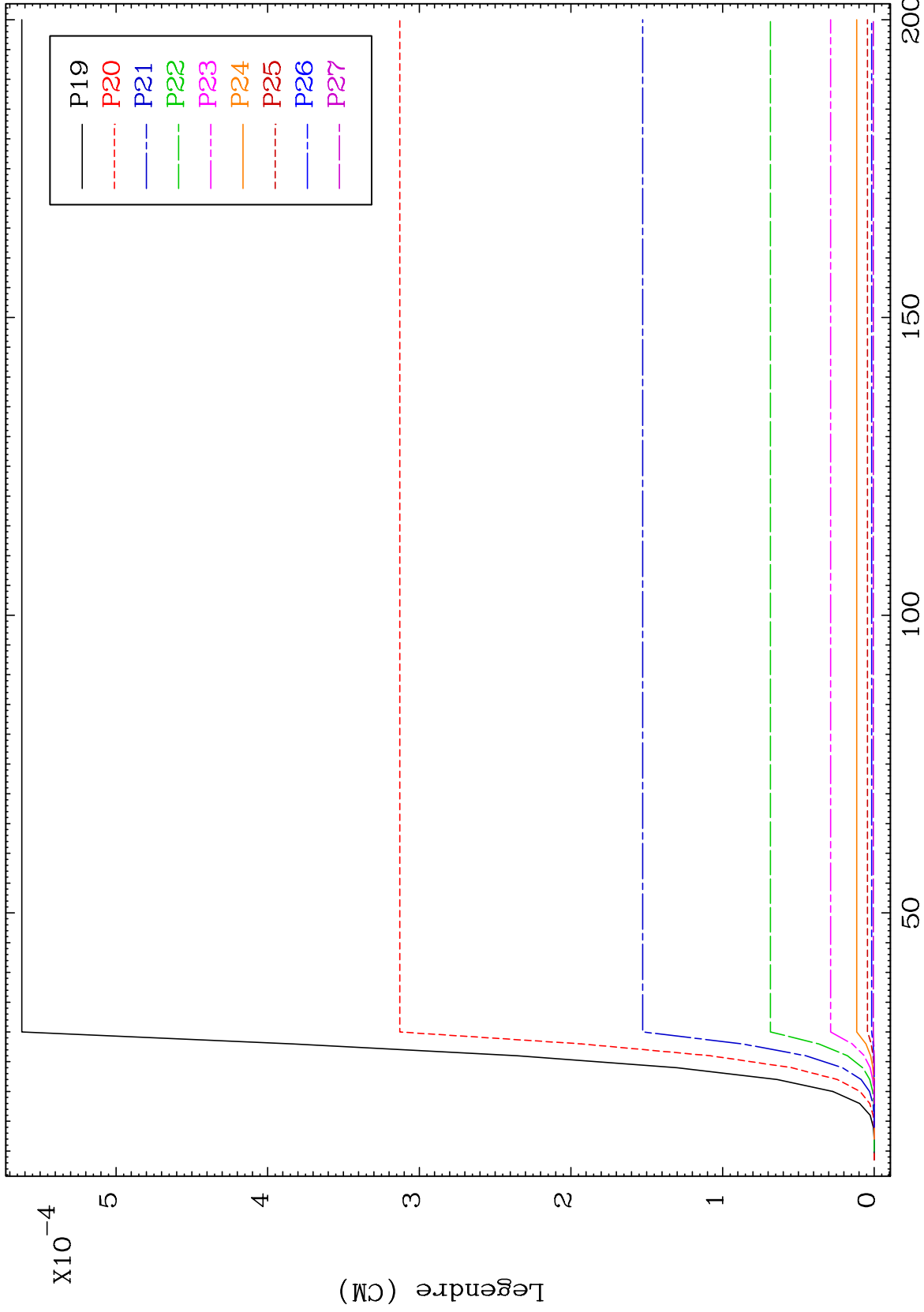
70



MAT 4095

1.807 MeV (n,n') Level
Legendre Coefficients

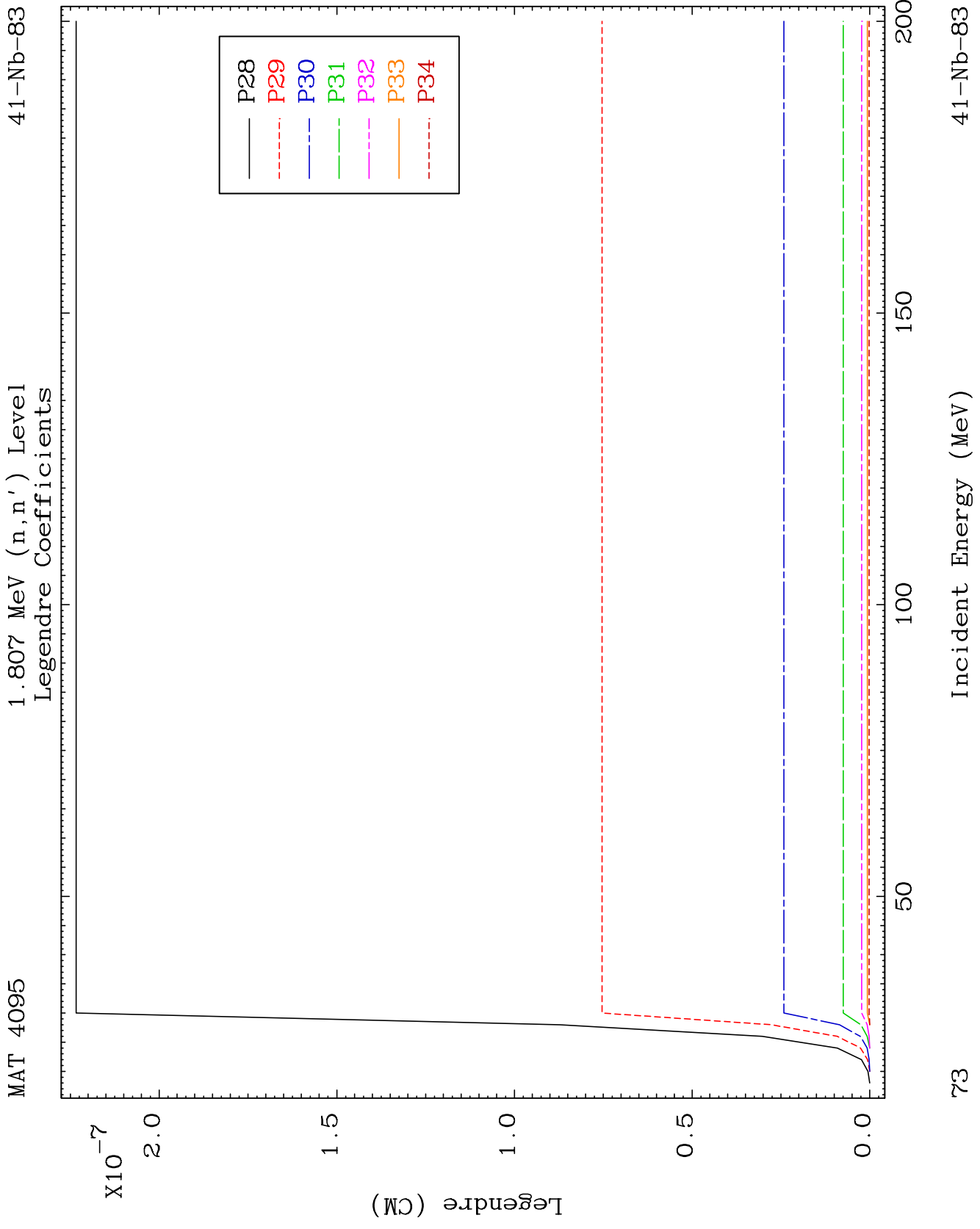
41-Nb-83



72

Incident Energy (MeV)

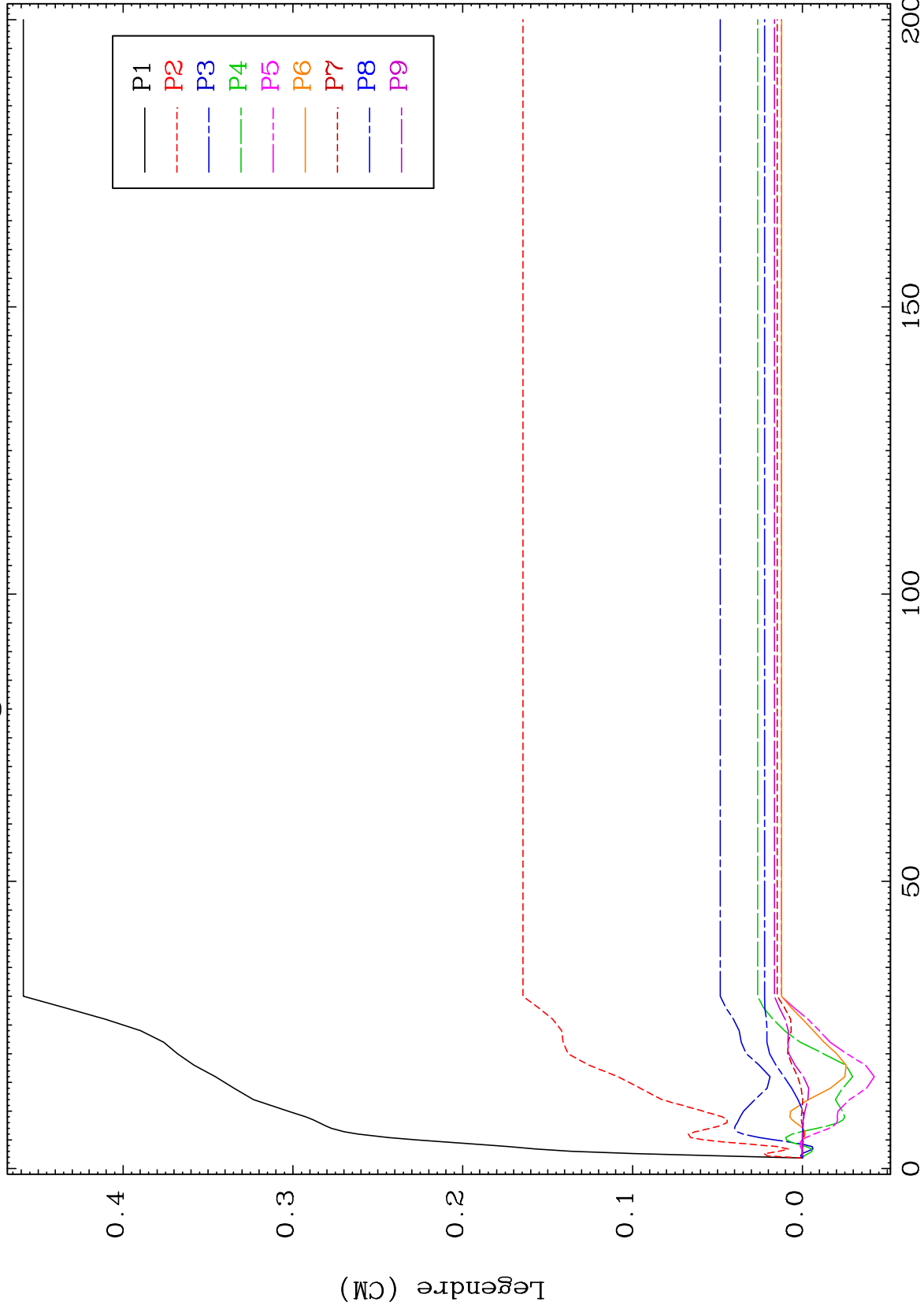
41-Nb-83



MAT 4095

1.809 MeV (n,n') Level
Legendre Coefficients

41-Nb-83



74

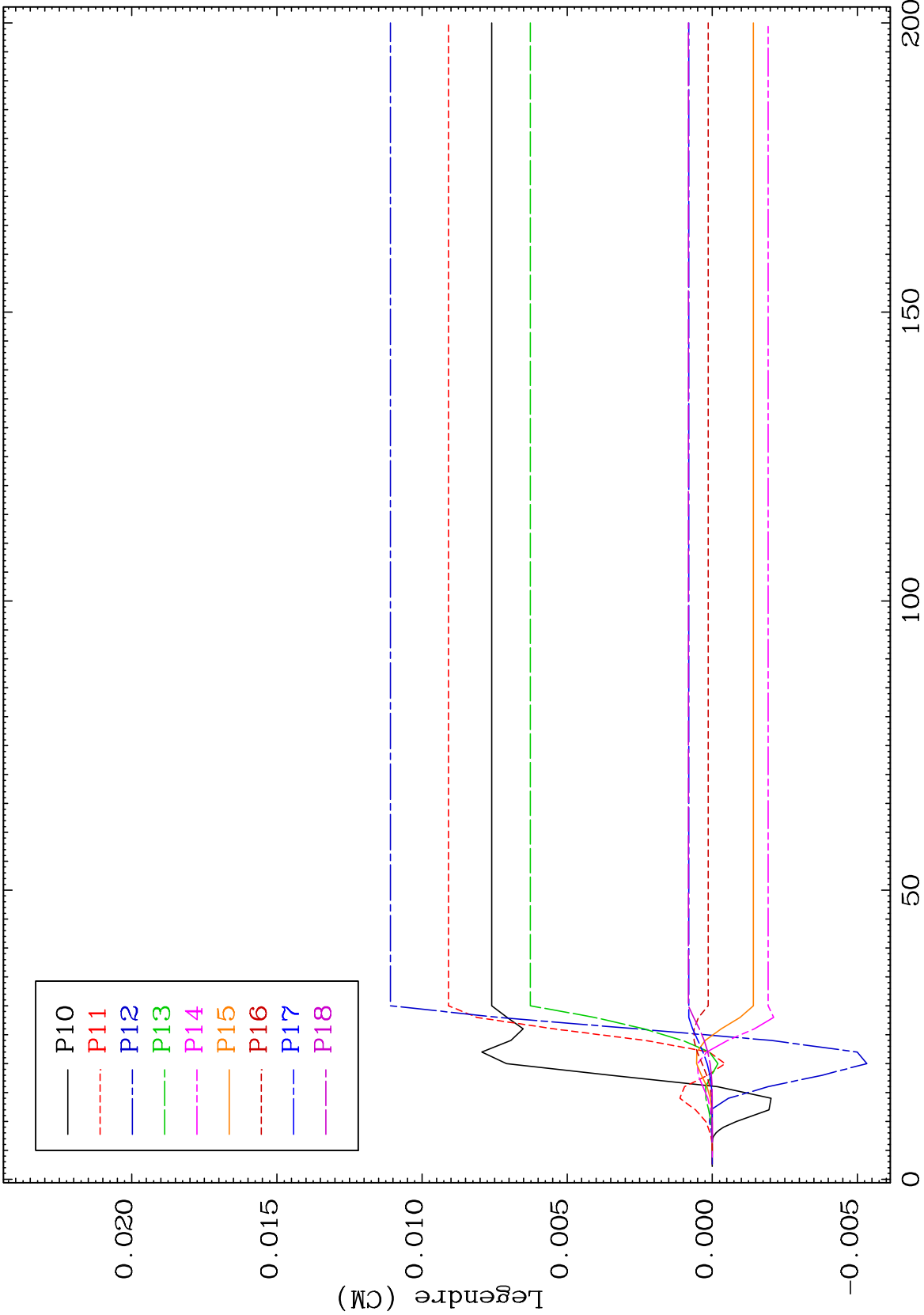
Incident Energy (MeV)

41-Nb-83

MAT 4095

1.809 MeV (n,n') Level
Legendre Coefficients

41-Nb-83



75

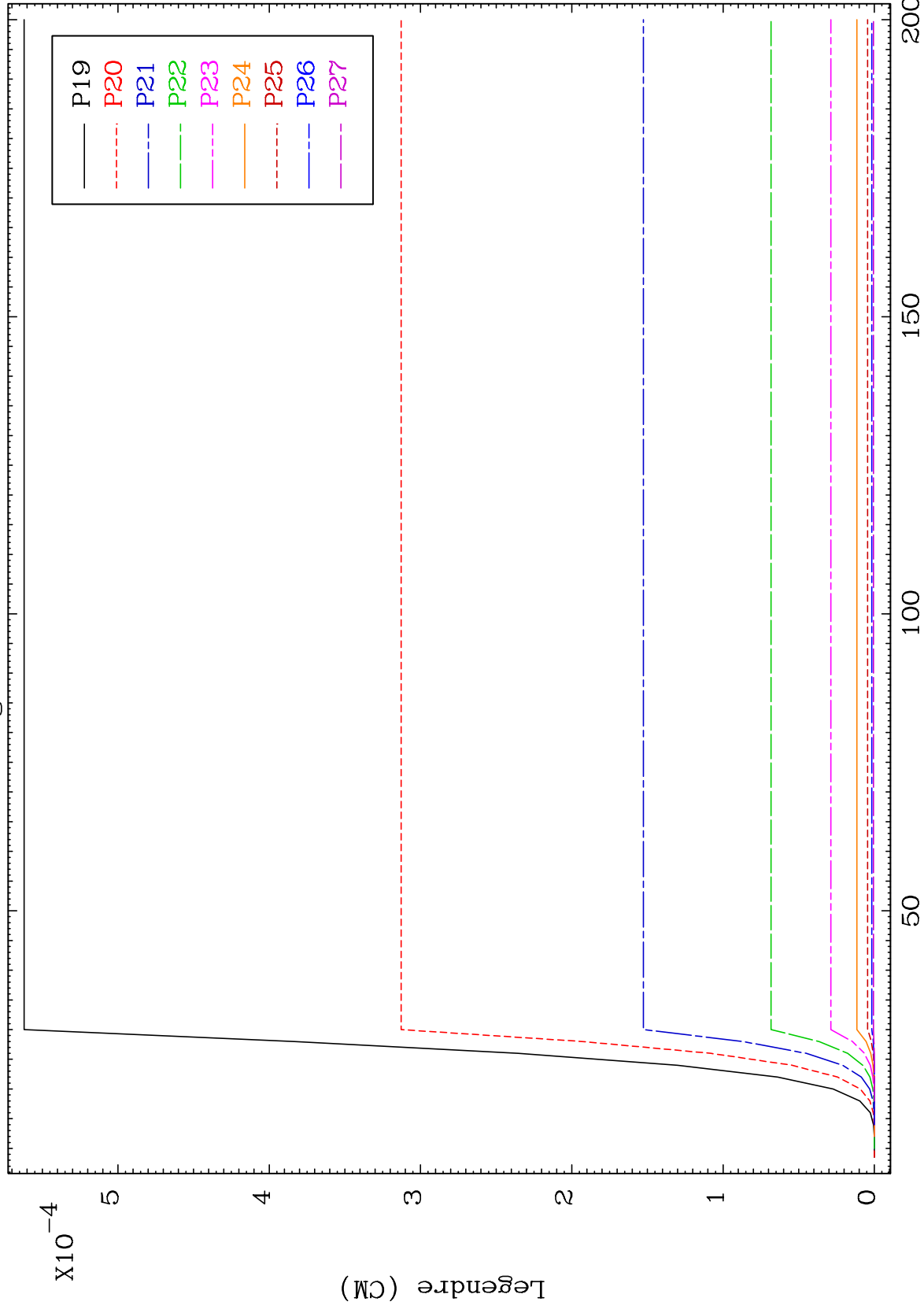
Incident Energy (MeV)

41-Nb-83

MAT 4095

1.809 MeV (n,n') Level
Legendre Coefficients

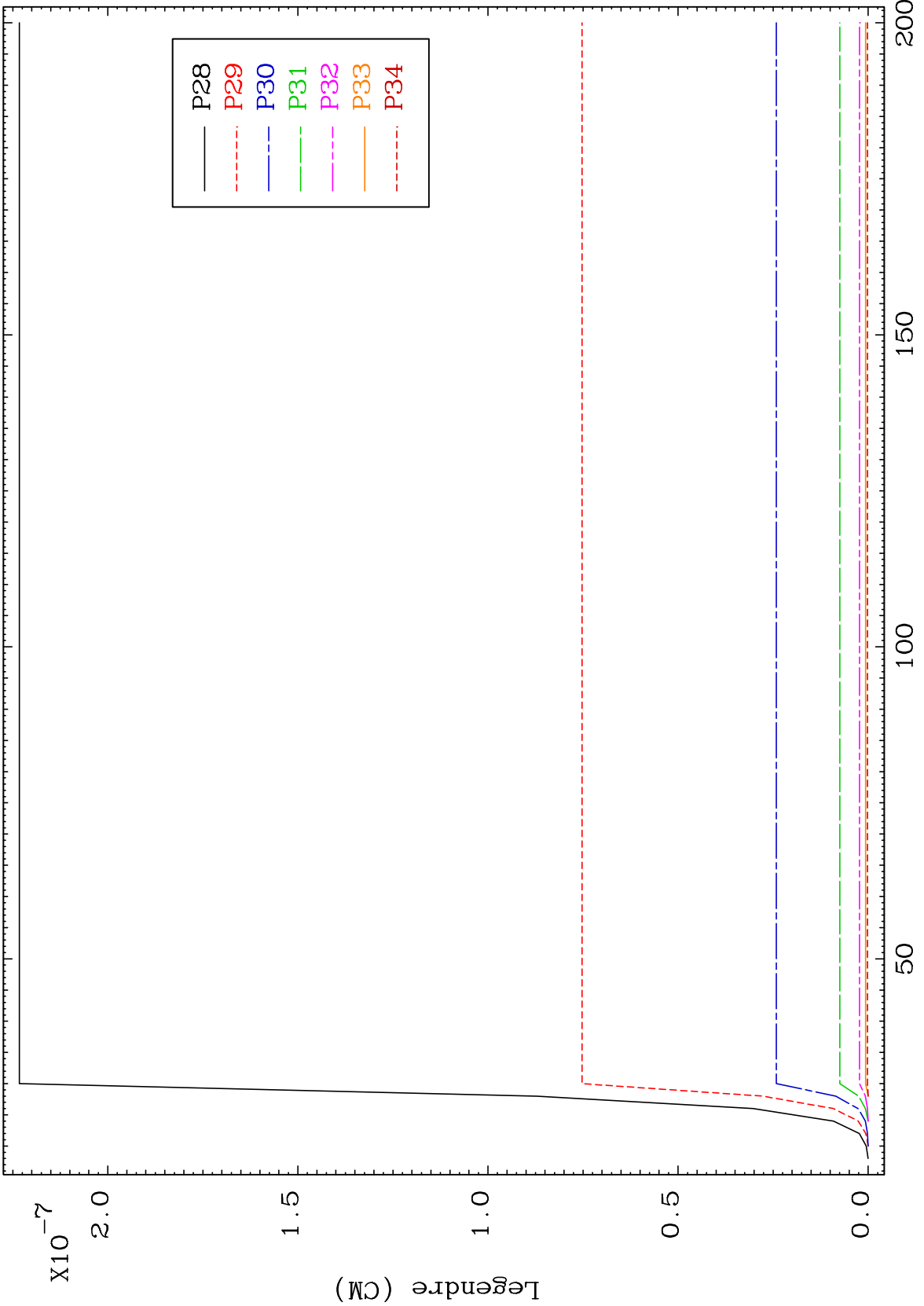
41-Nb-83



76

Incident Energy (MeV)

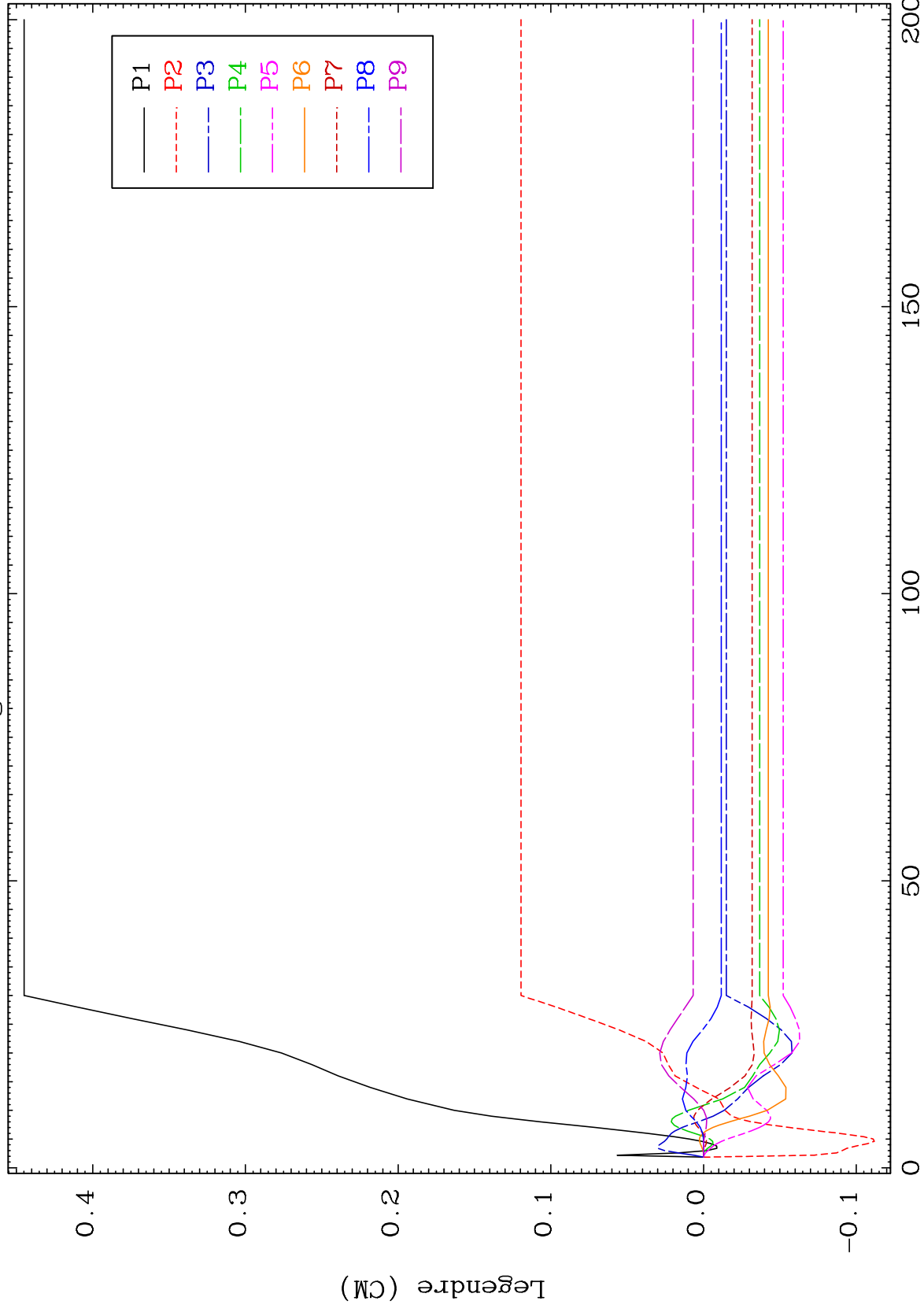
41-Nb-83



MAT 4095

1.819 MeV (n,n') Level
Legendre Coefficients

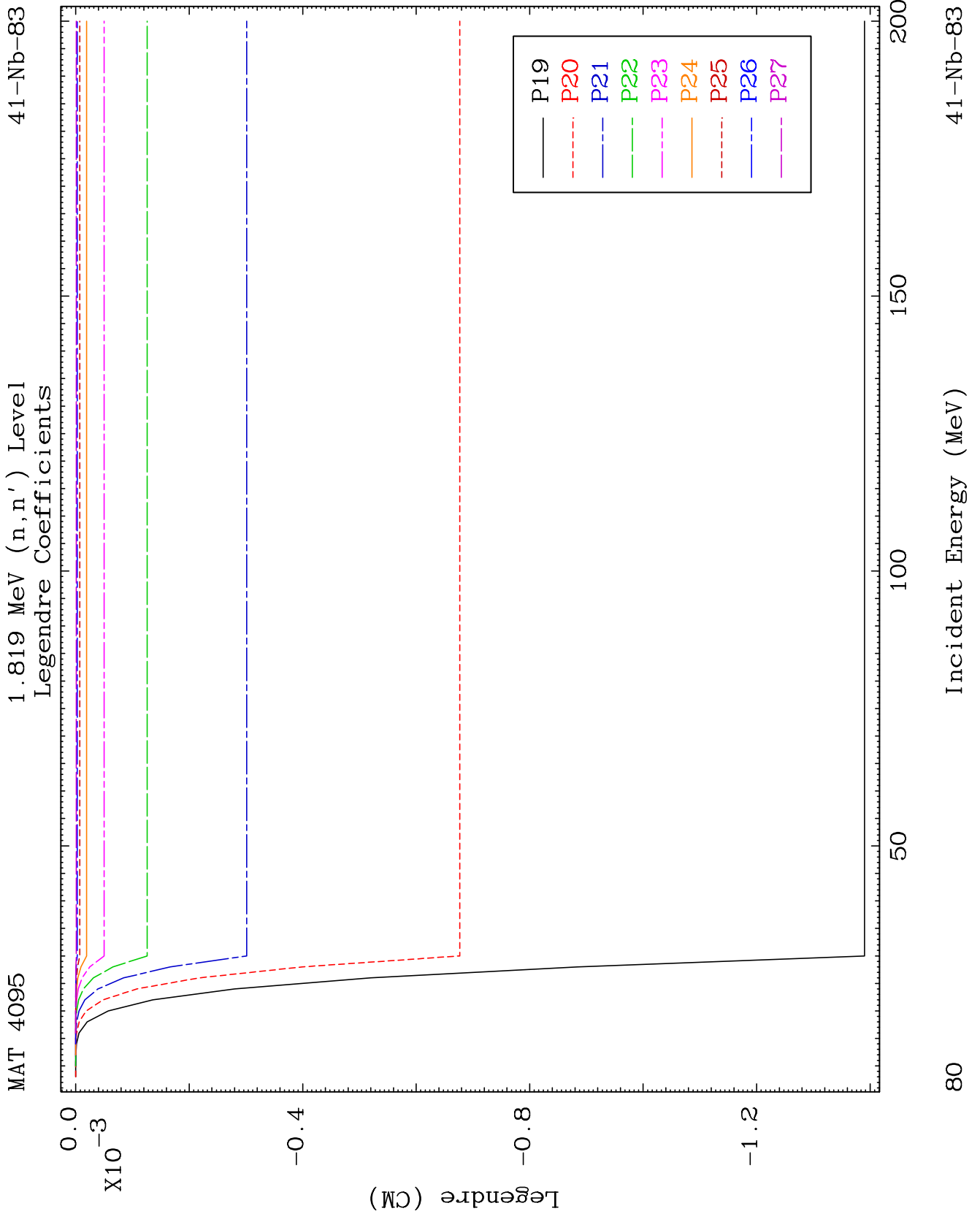
41-Nb-83

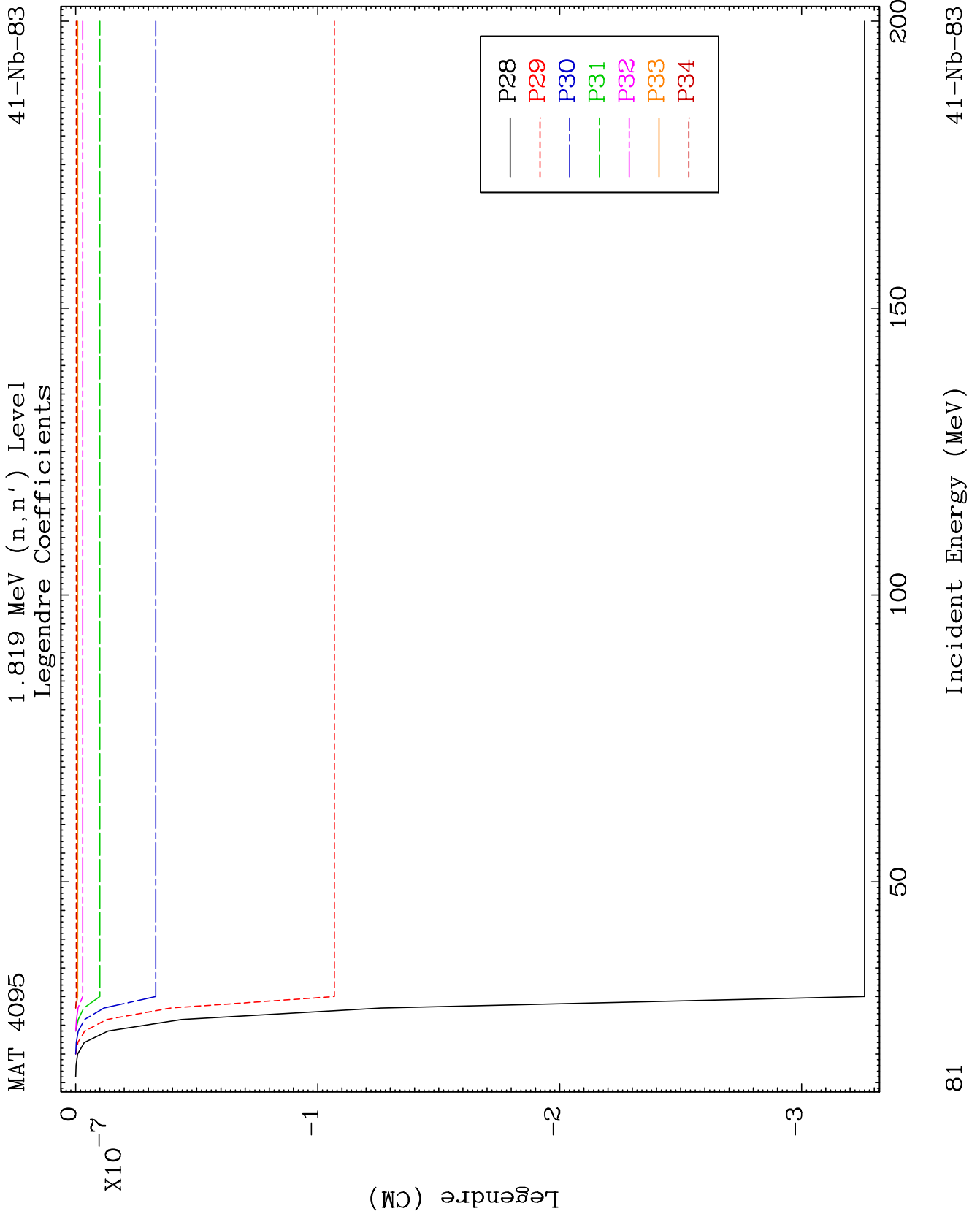


78

Incident Energy (MeV)

41-Nb-83

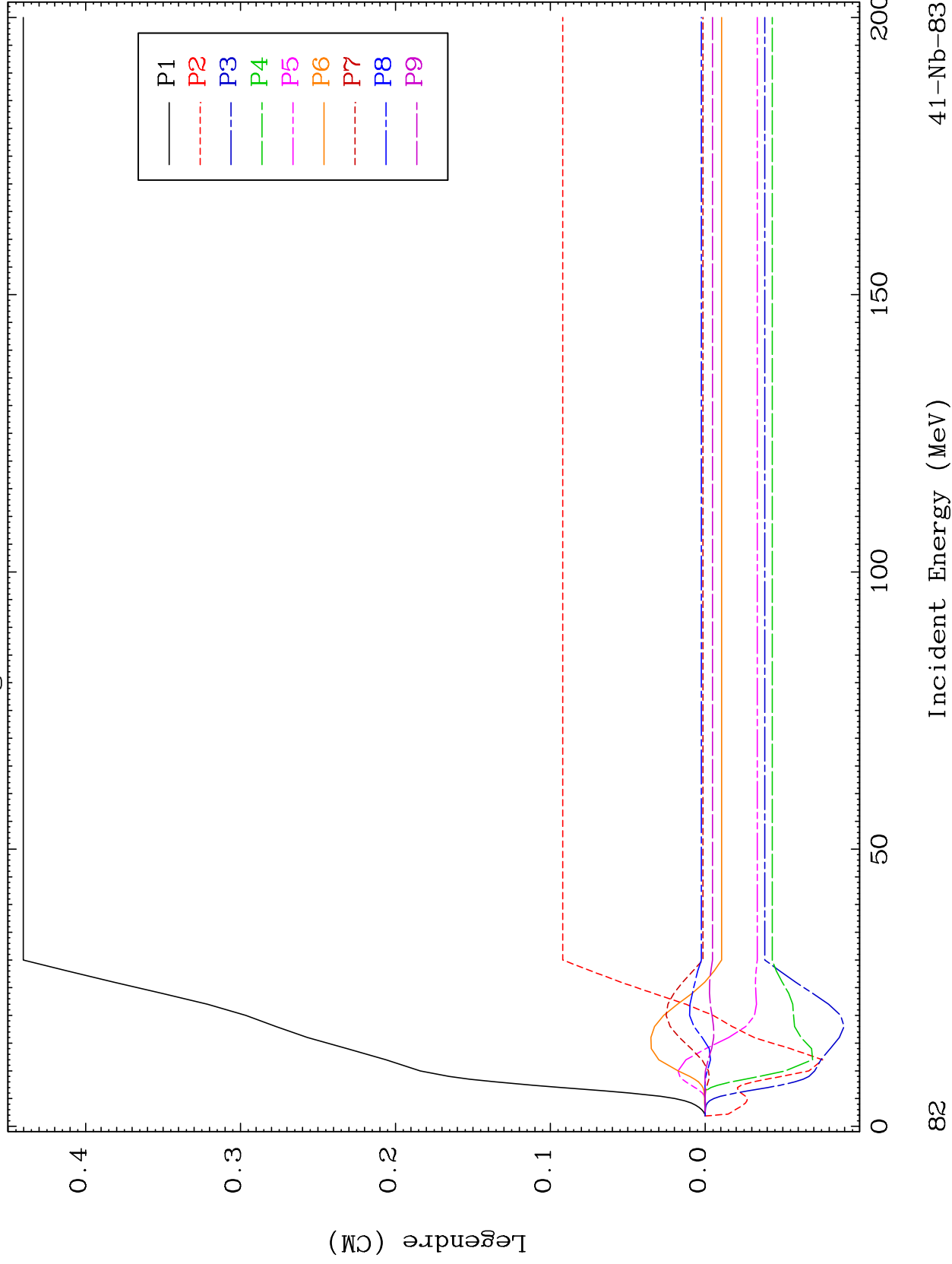




MAT 4095

1.830 MeV (n,n') Level
Legendre Coefficients

41-Nb-83



82

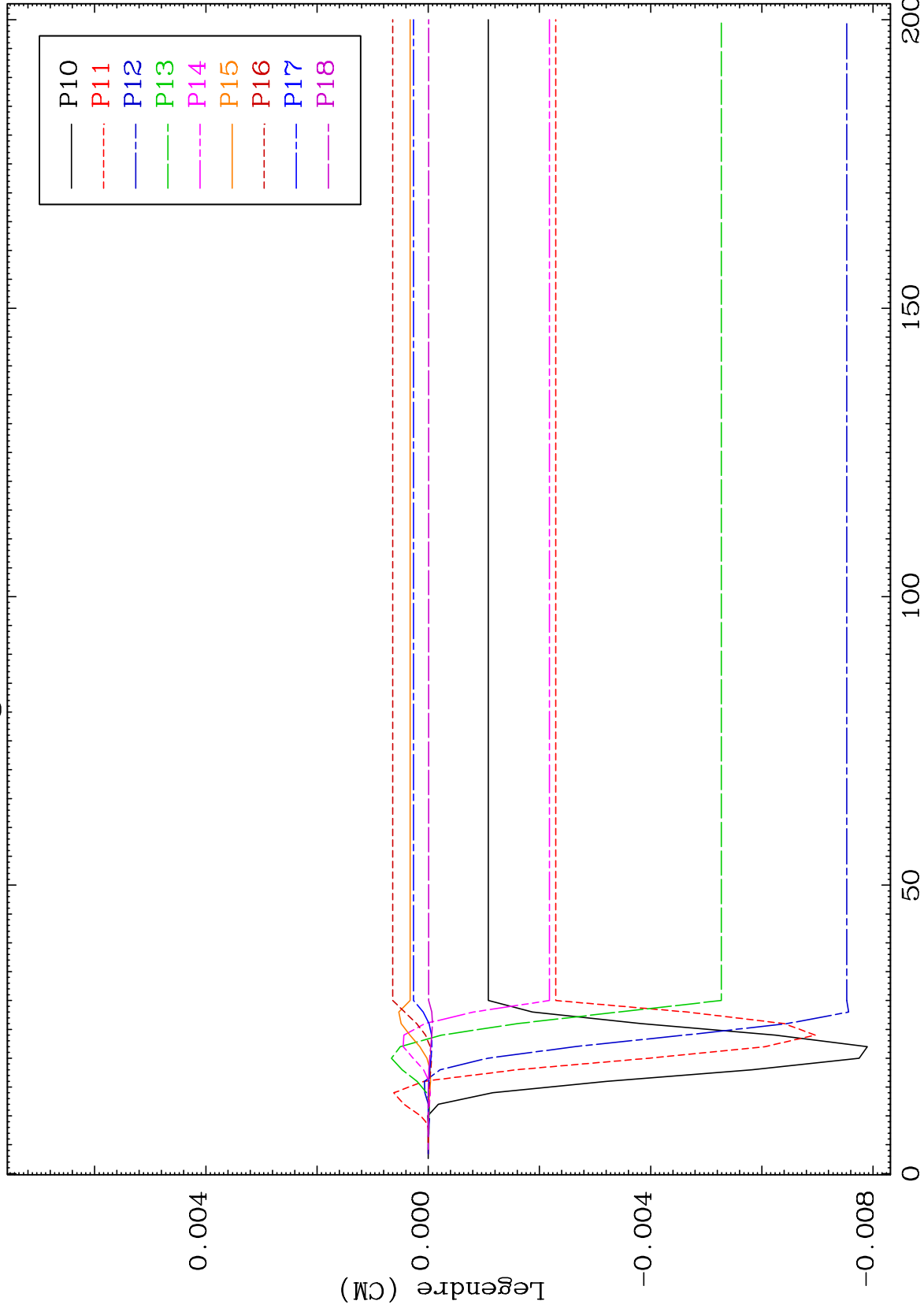
Incident Energy (MeV)

41-Nb-83

MAT 4095

1.830 MeV (n,n') Level
Legendre Coefficients

41-Nb-83



83

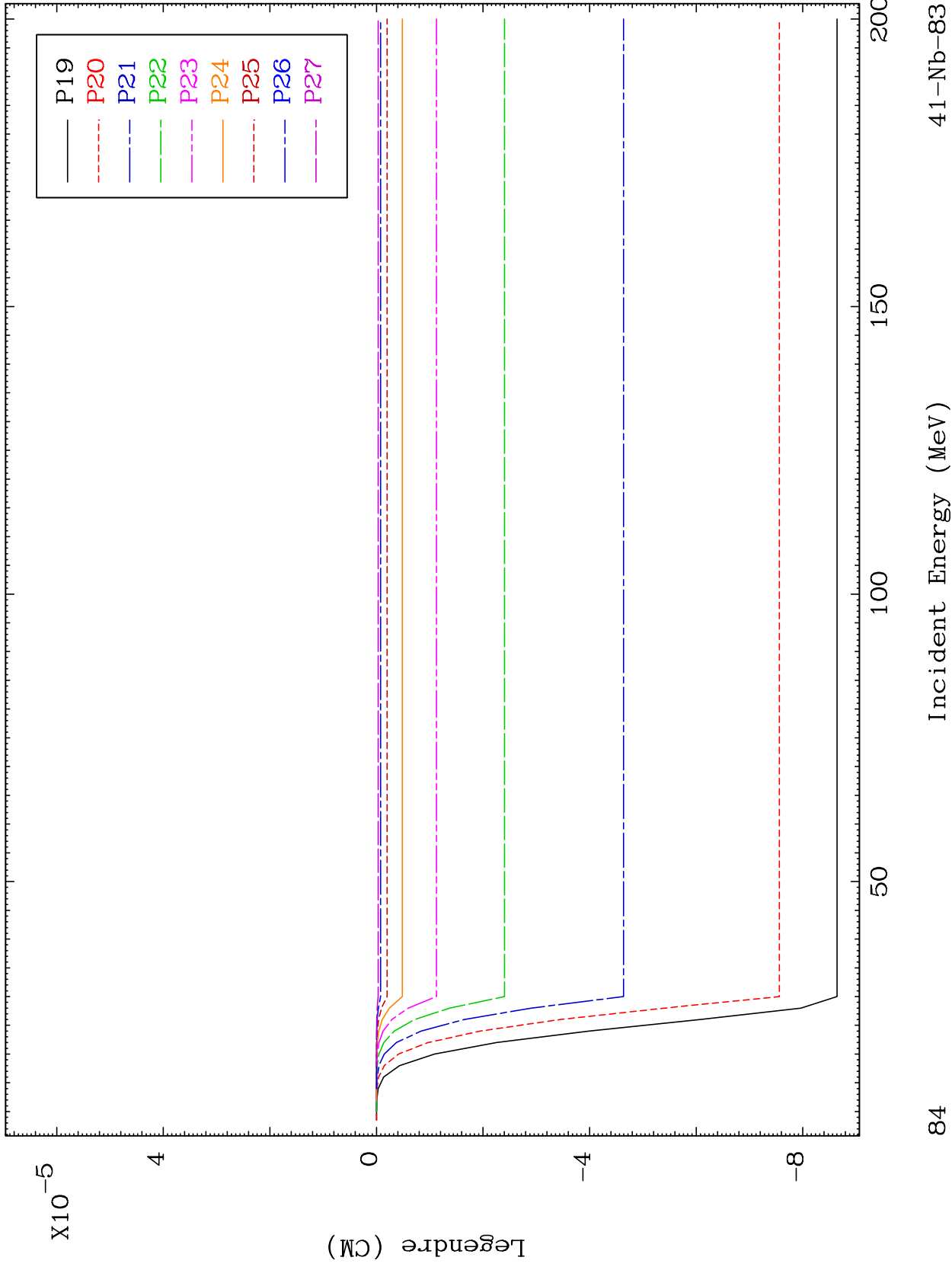
Incident Energy (MeV)

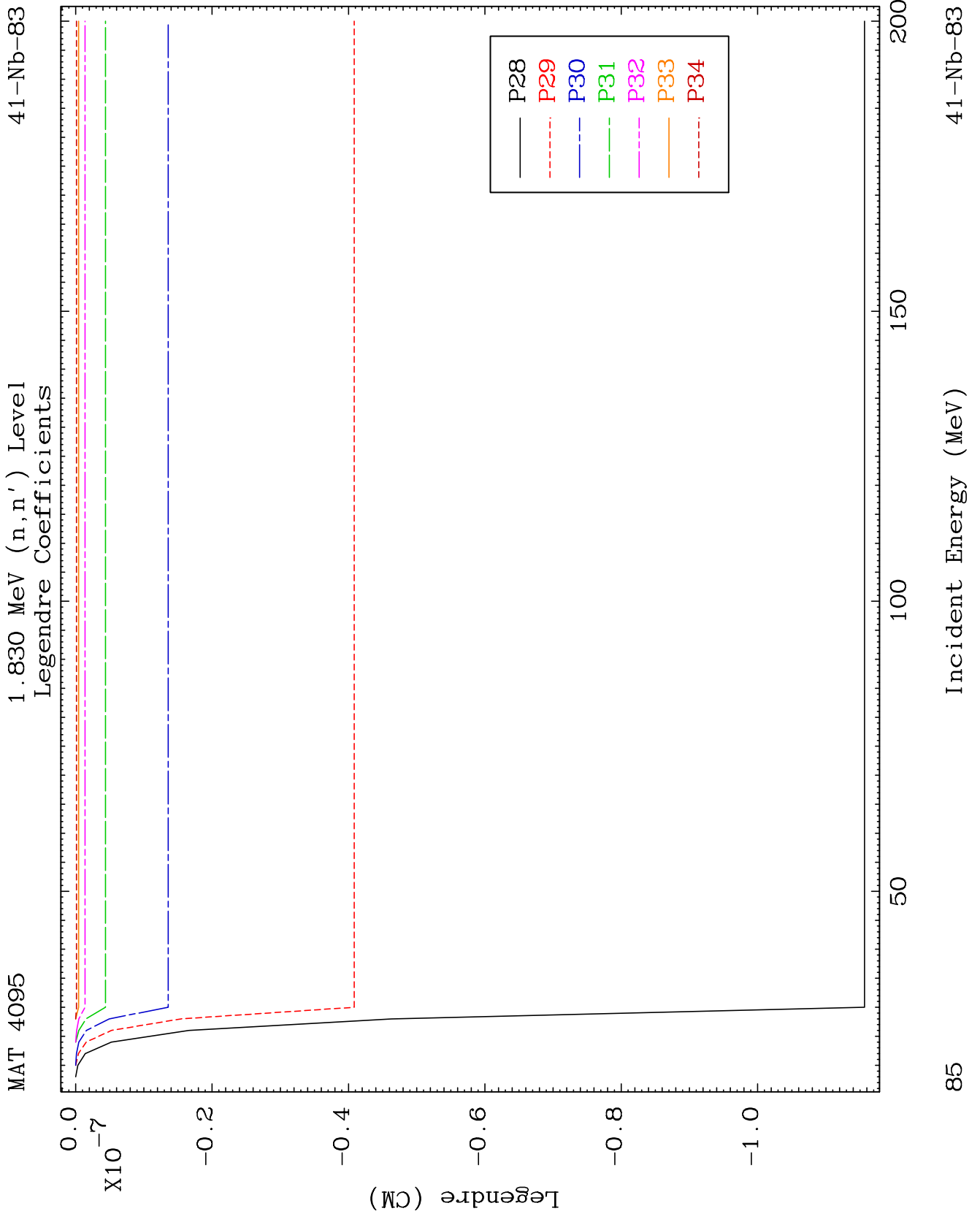
41-Nb-83

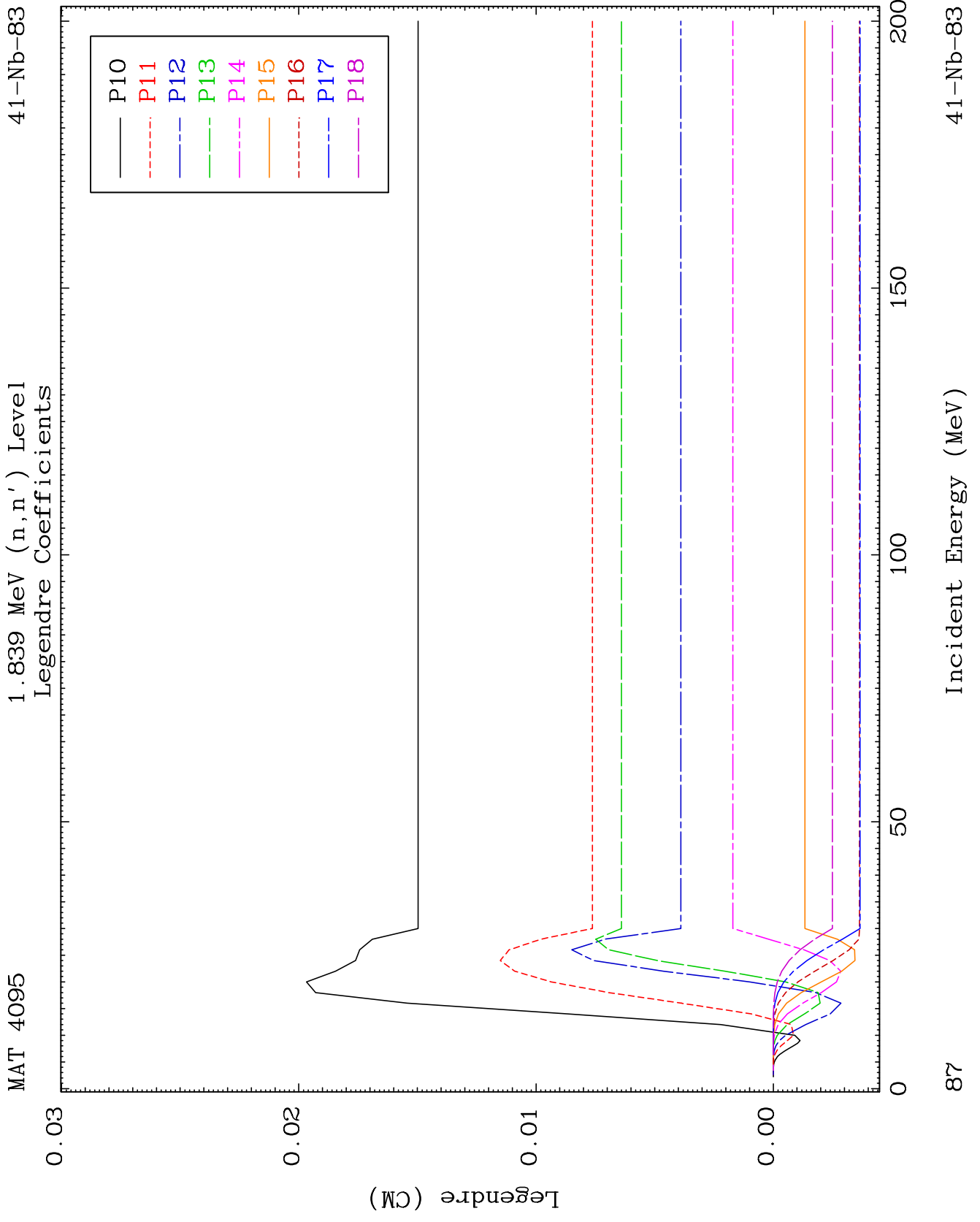
MAT 4095

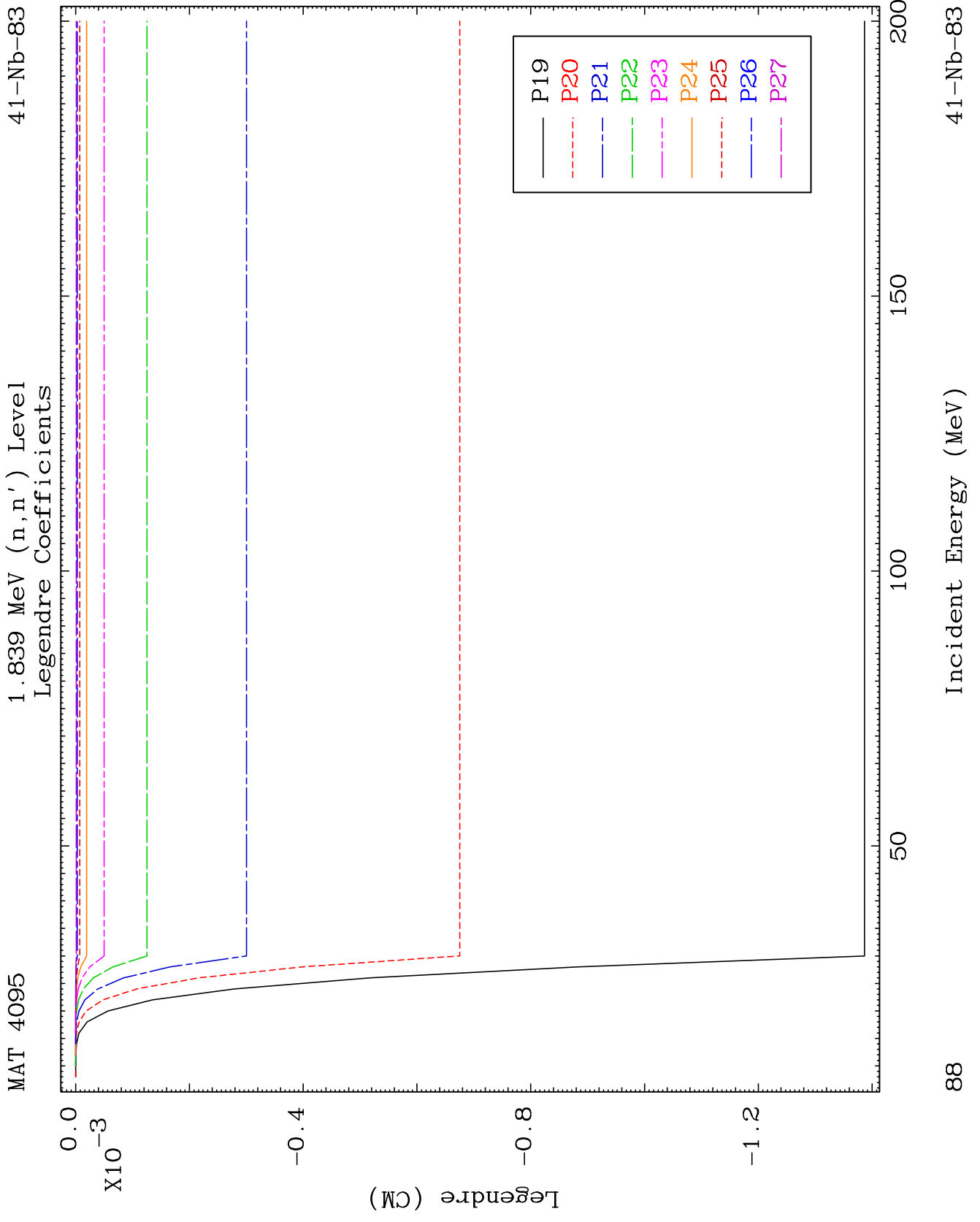
1.830 MeV (n,n') Level
Legendre Coefficients

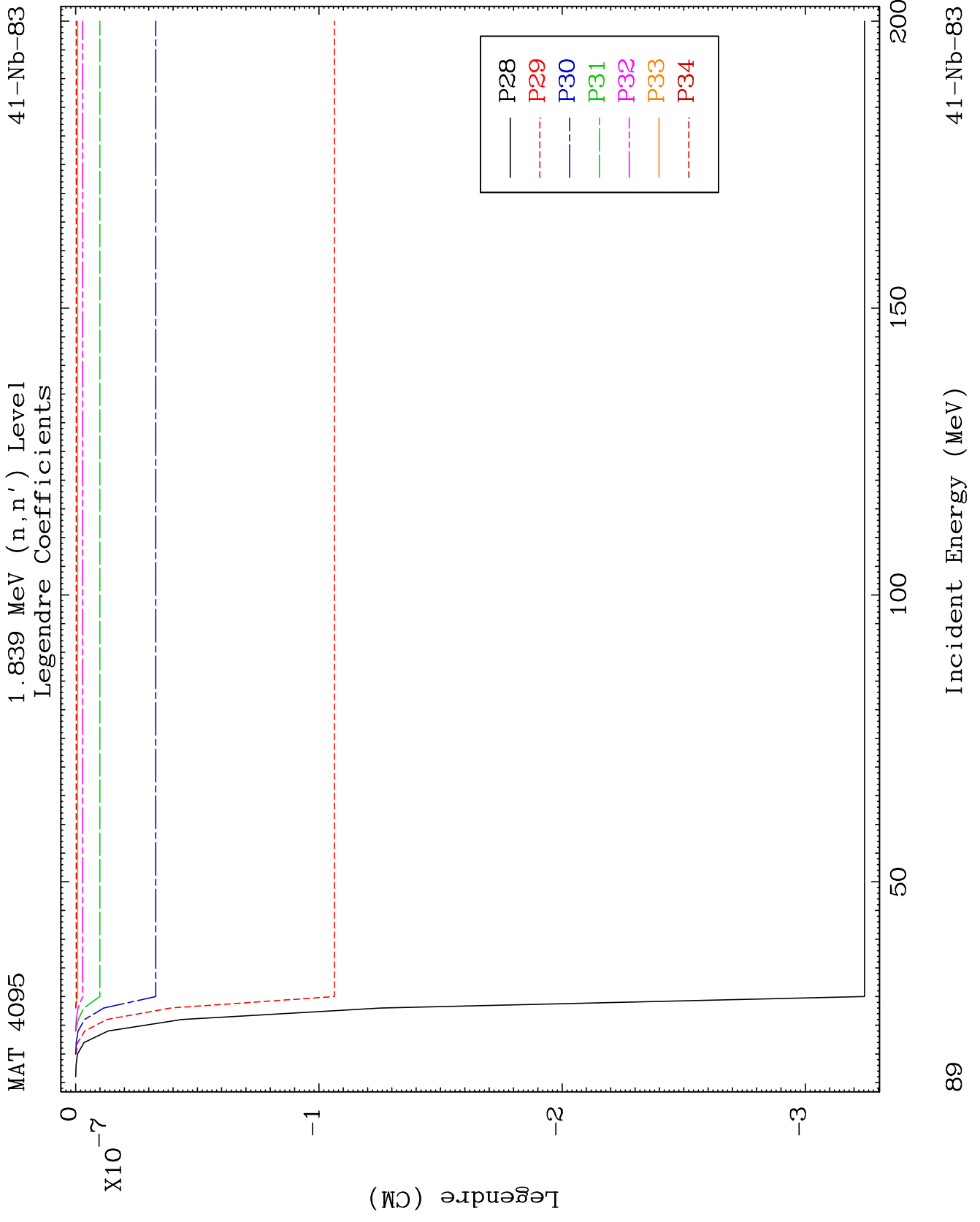
41-Nb-83







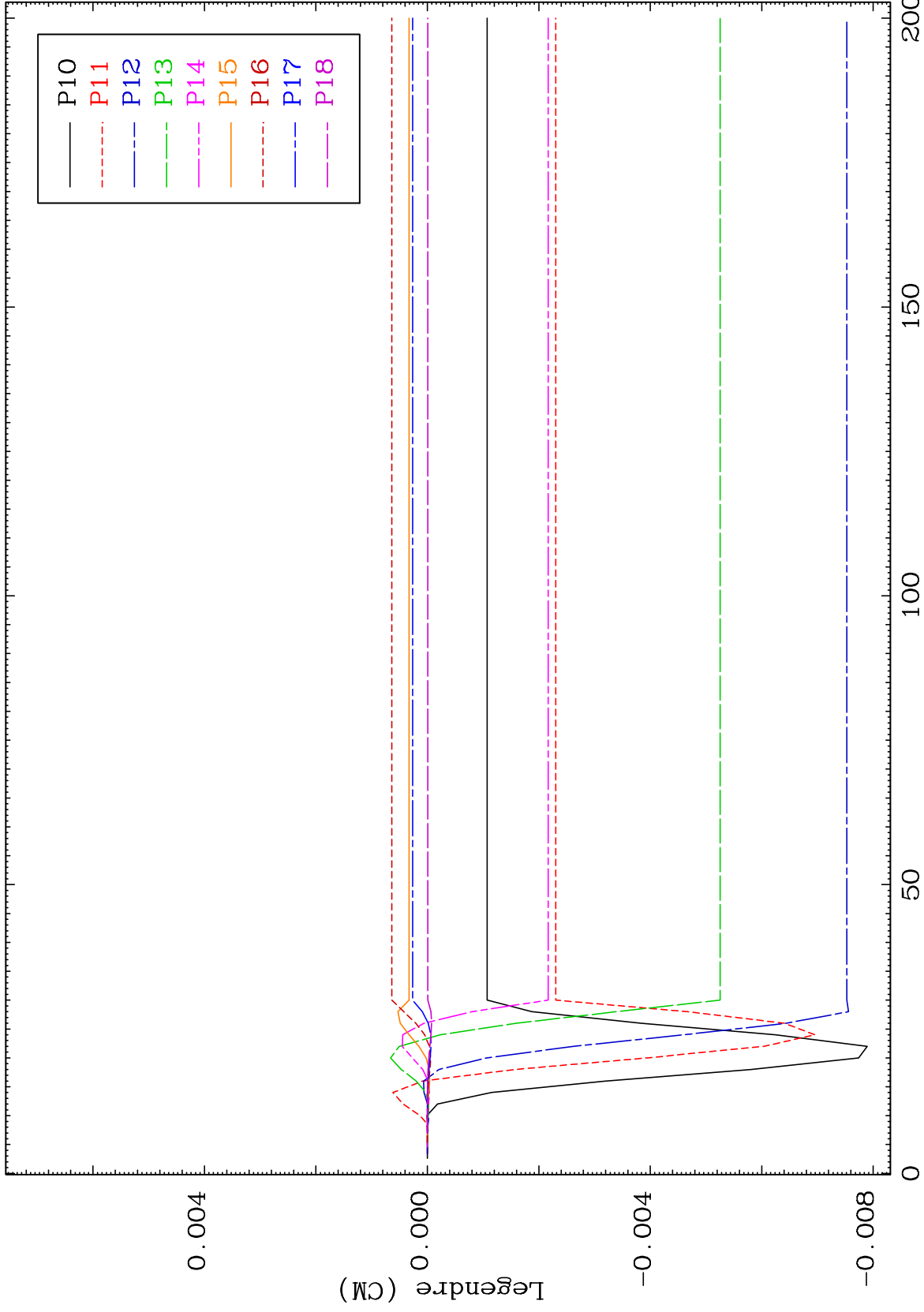




MAT 4095

1.854 MeV (n,n') Level
Legendre Coefficients

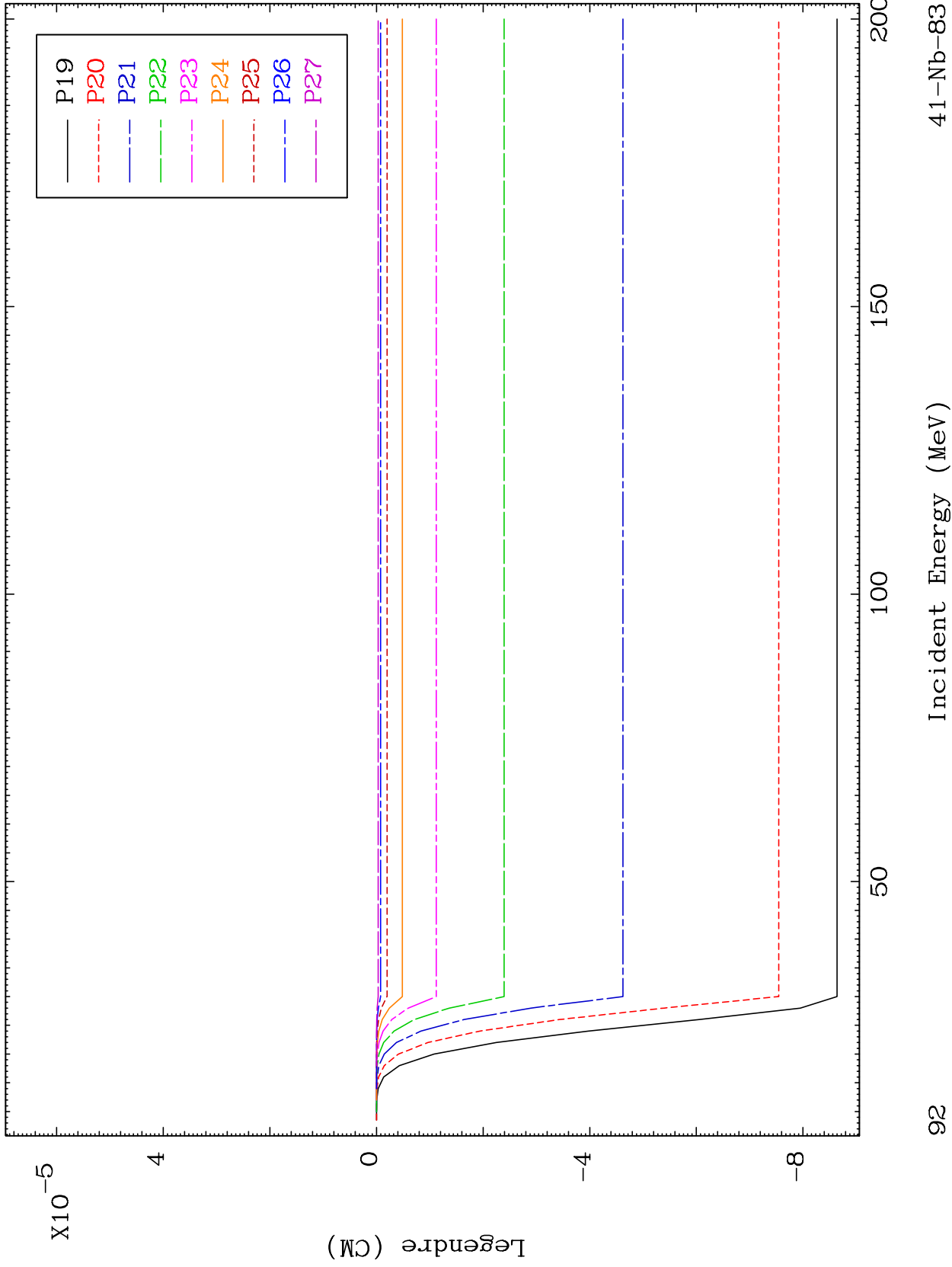
41-Nb-83

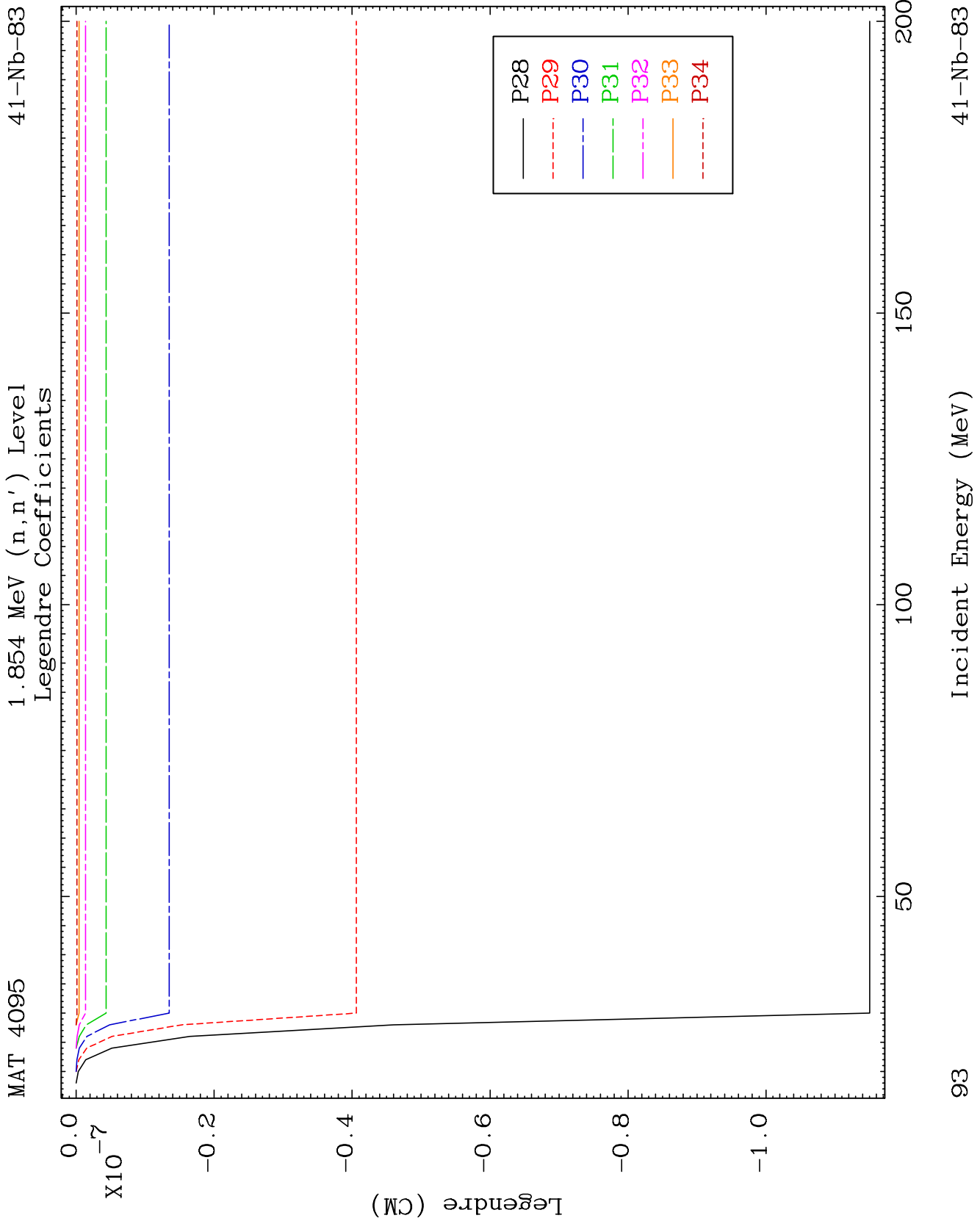


91

Incident Energy (MeV)

41-Nb-83

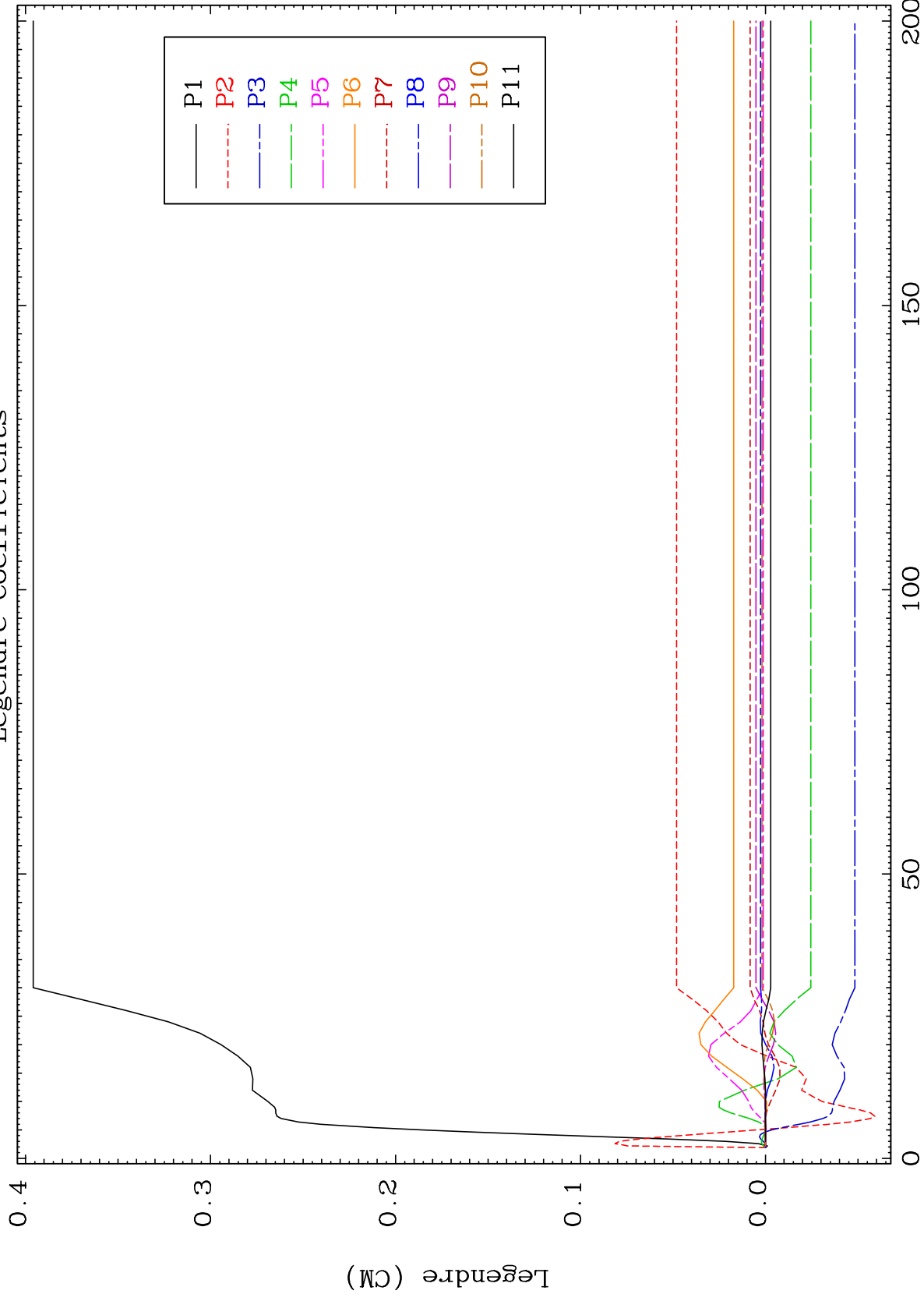




MAT 4095

1.859 MeV (n,n') Level
Legendre Coefficients

41-Nb-83



94

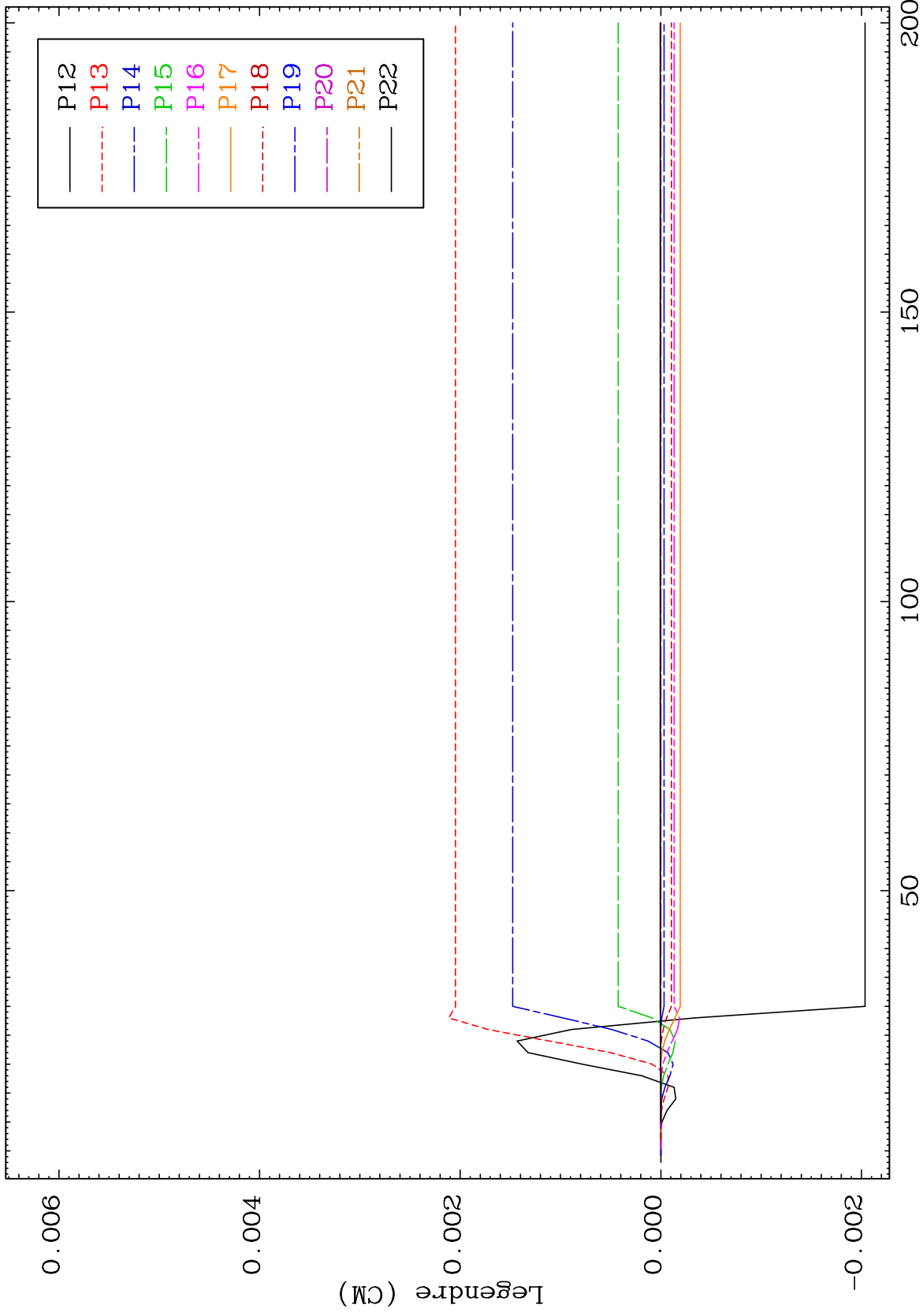
Incident Energy (MeV)

41-Nb-83

MAT 4095

1.859 MeV (n,n') Level
Legendre Coefficients

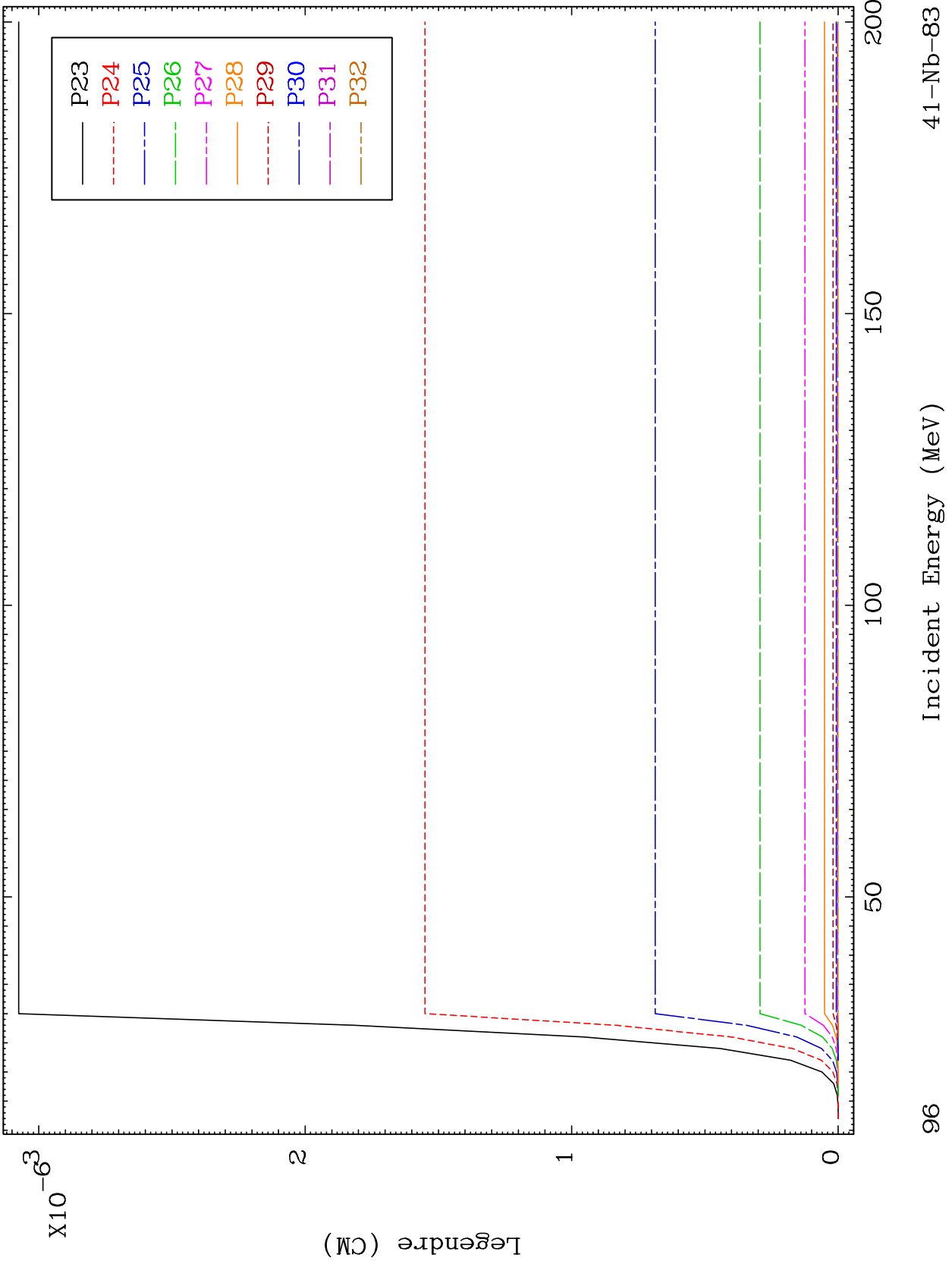
41-Nb-83



95

Incident Energy (MeV)

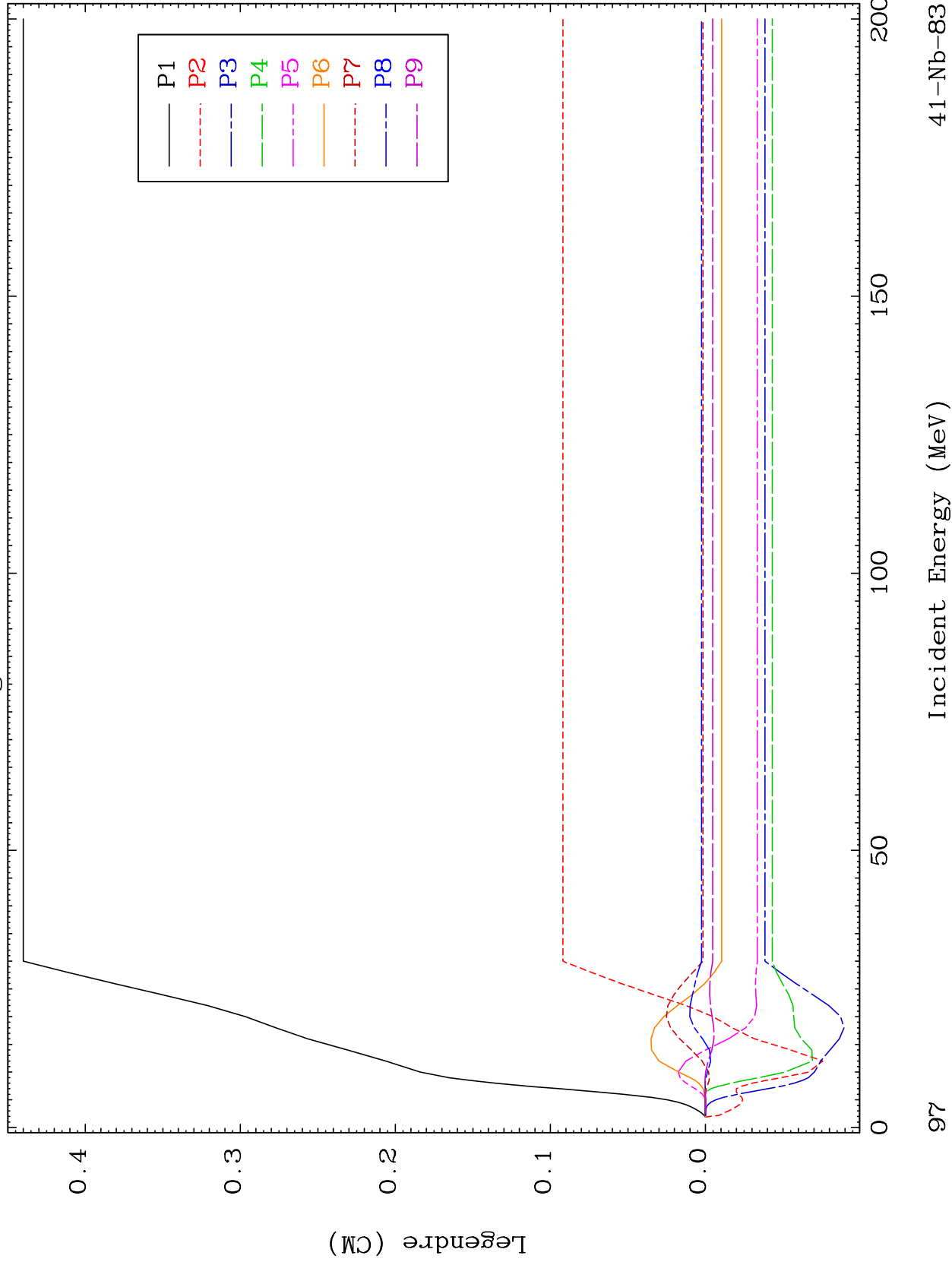
41-Nb-83



MAT 4095

1.863 MeV (n,n') Level
Legendre Coefficients

41-Nb-83



97

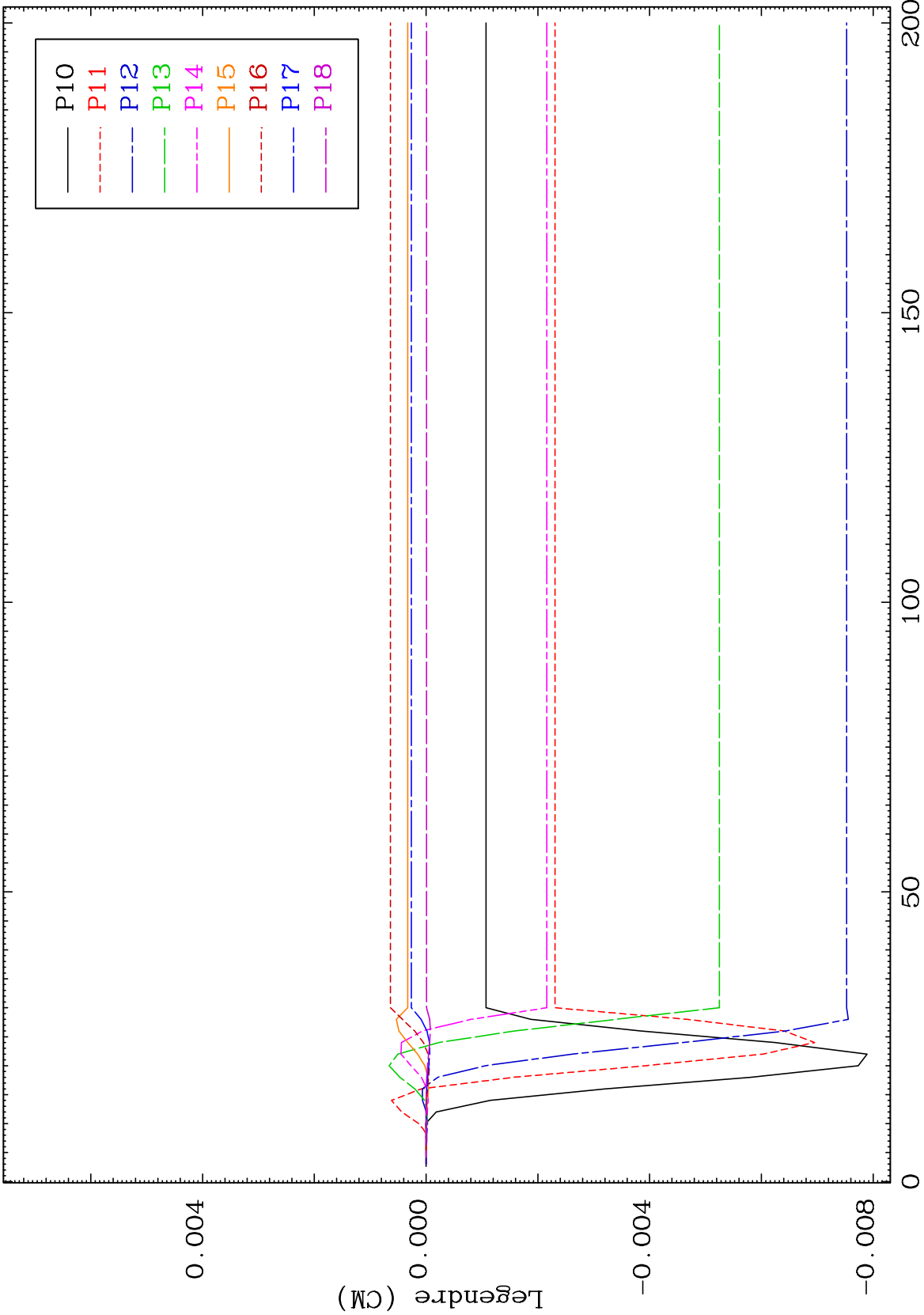
Incident Energy (MeV)

41-Nb-83

MAT 4095

1.863 MeV (n,n') Level
Legendre Coefficients

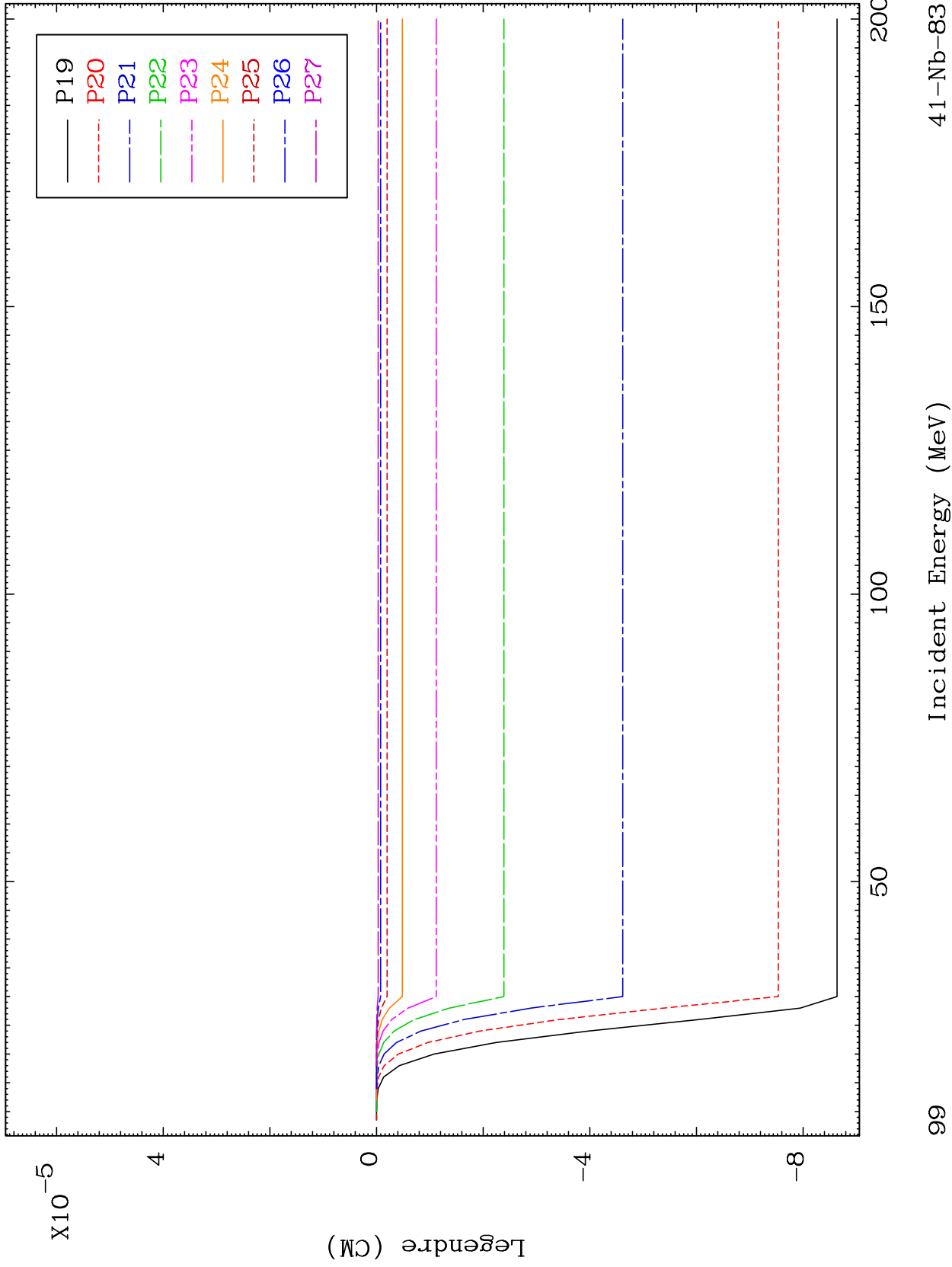
41-Nb-83



98

Incident Energy (MeV)

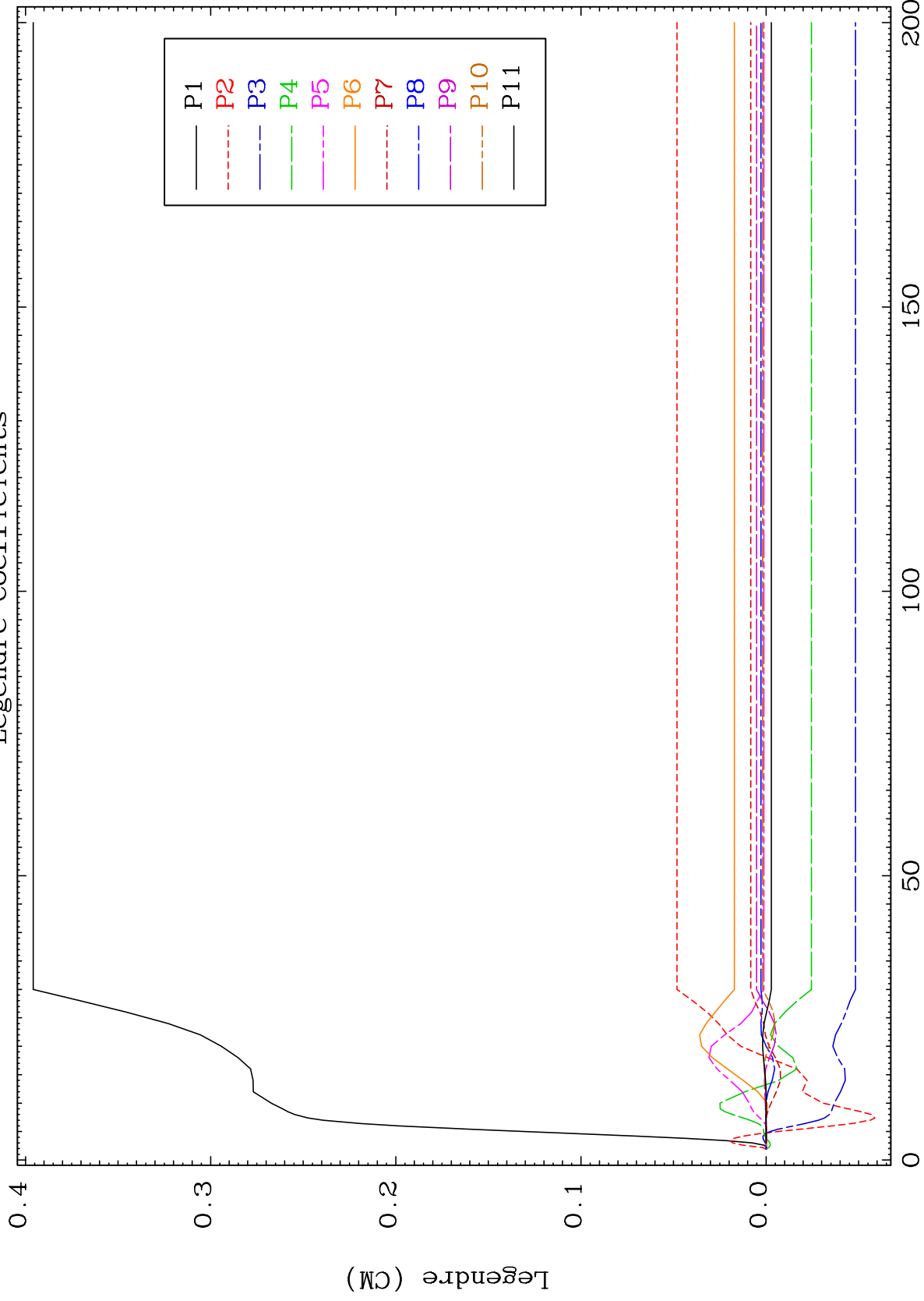
41-Nb-83



MAT 4095

1.869 MeV (n,n') Level
Legendre Coefficients

41-Nb-83



101

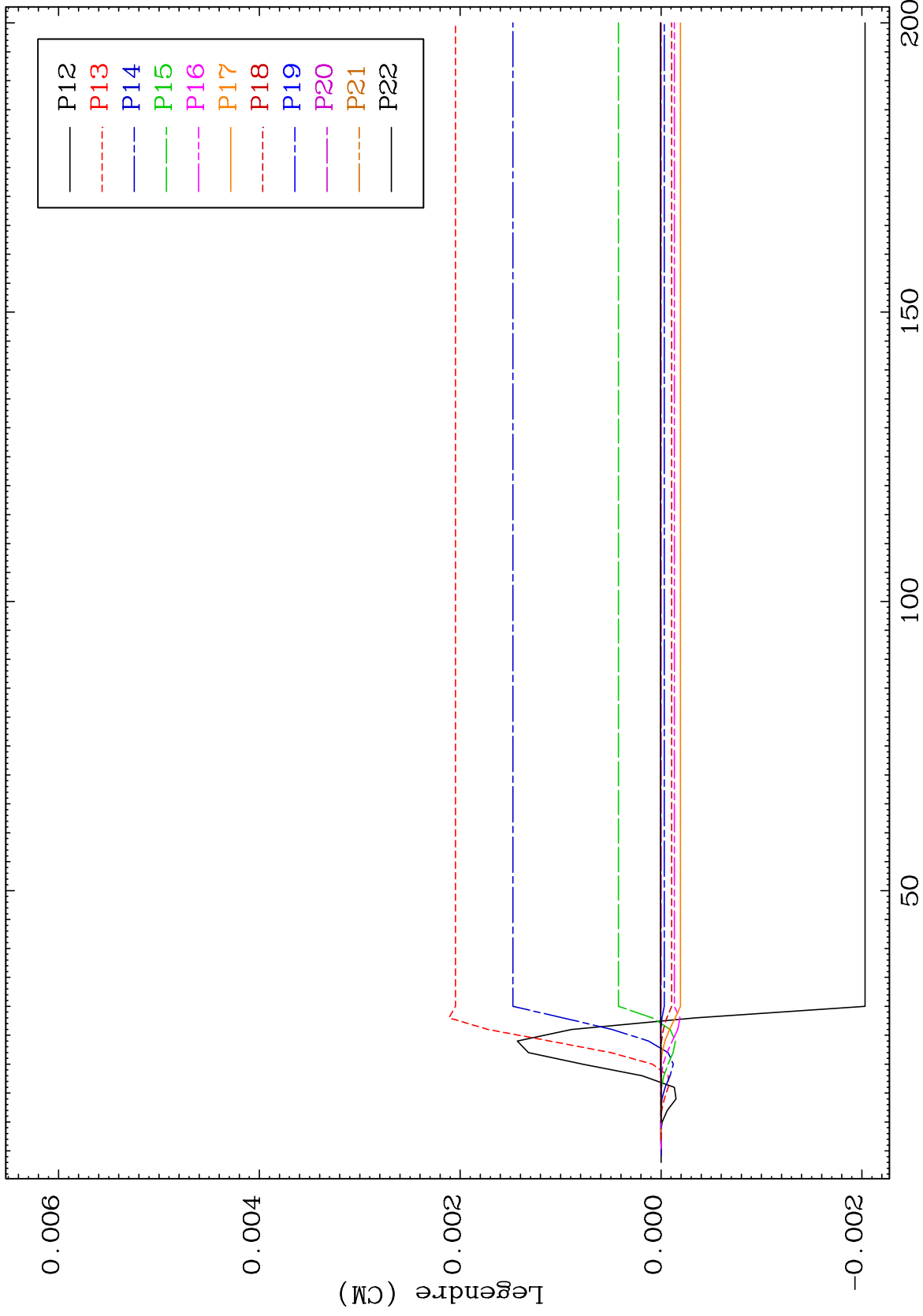
Incident Energy (MeV)

41-Nb-83

MAT 4095

1.869 MeV (n,n') Level
Legendre Coefficients

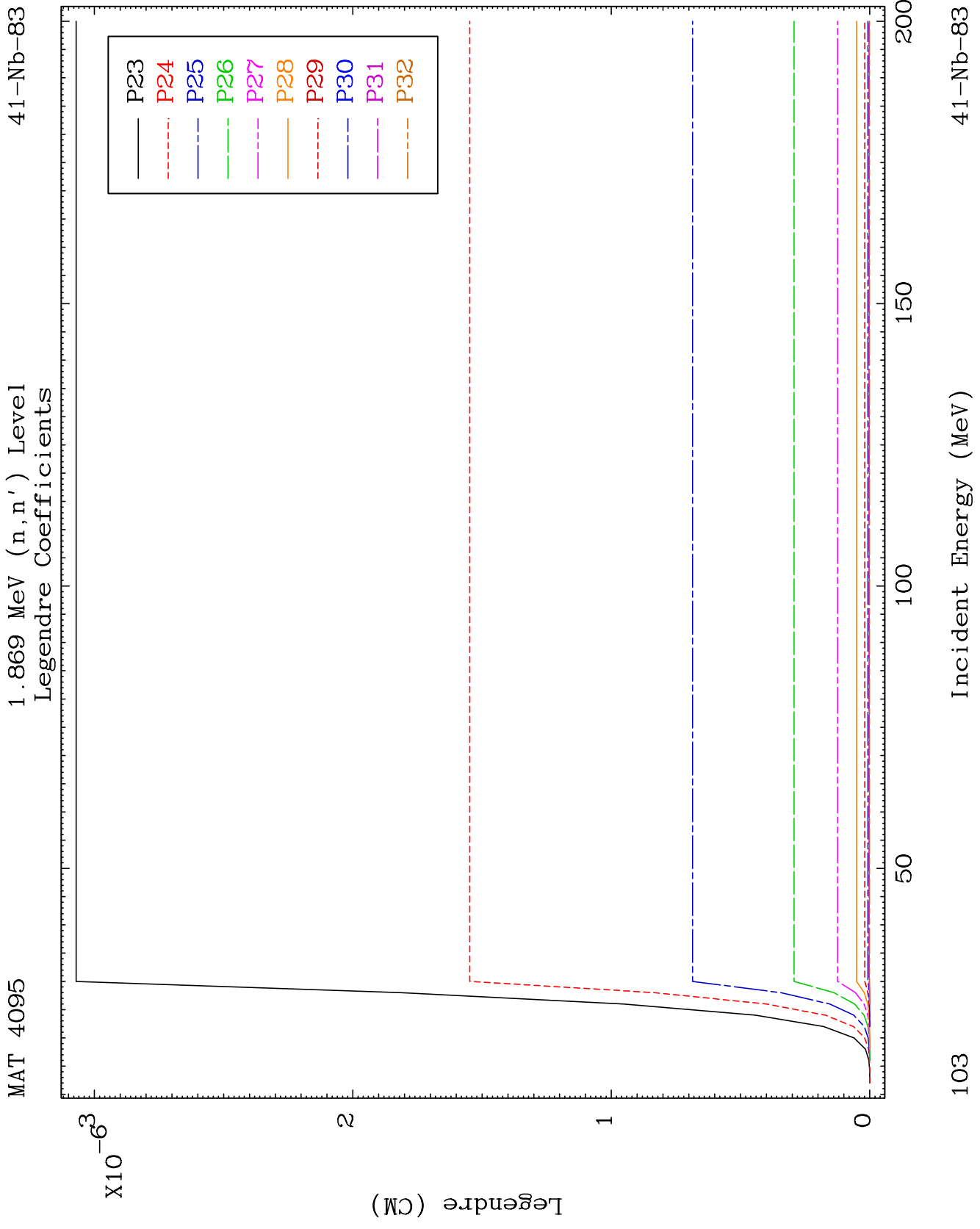
41-Nb-83

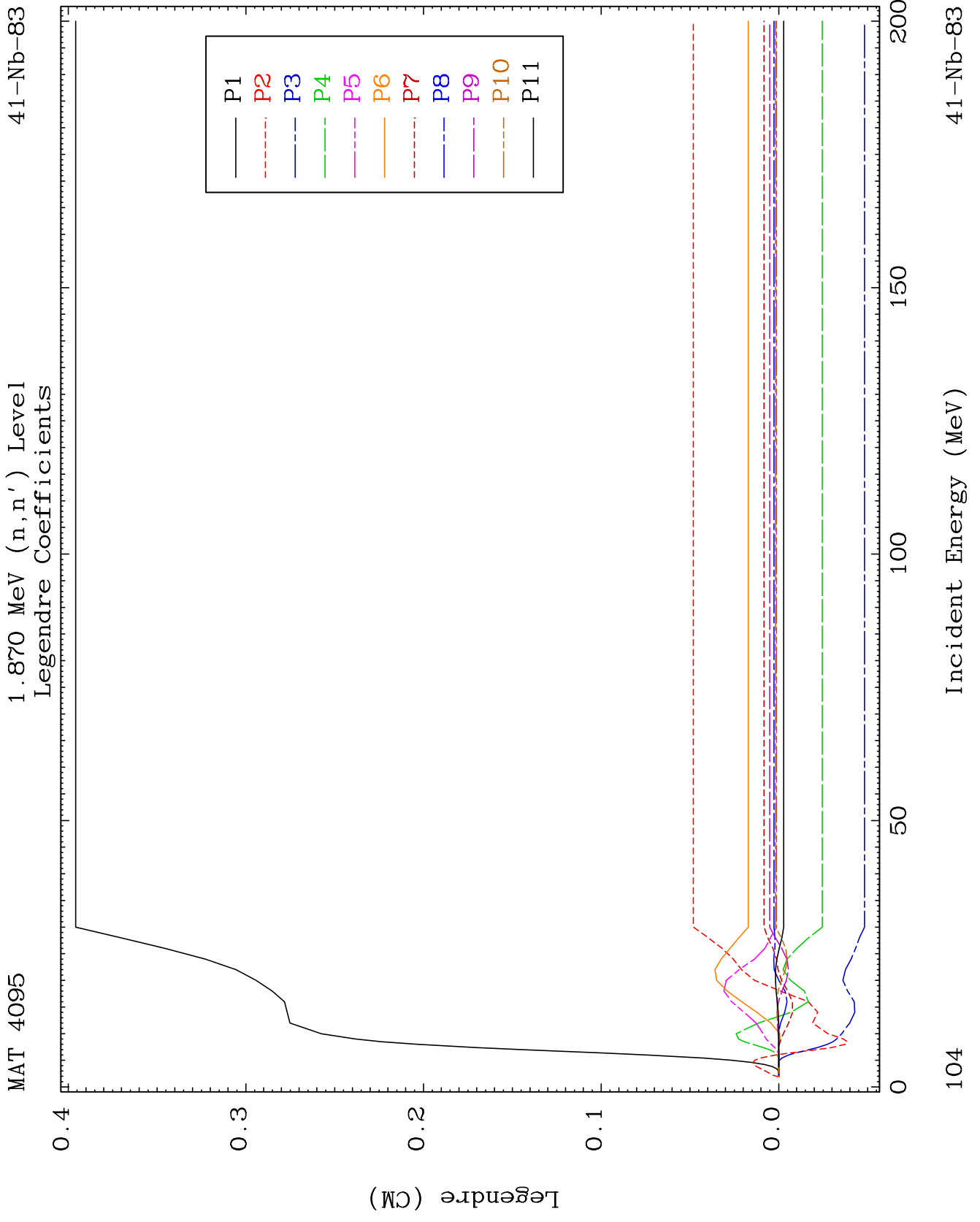


102

Incident Energy (MeV)

41-Nb-83

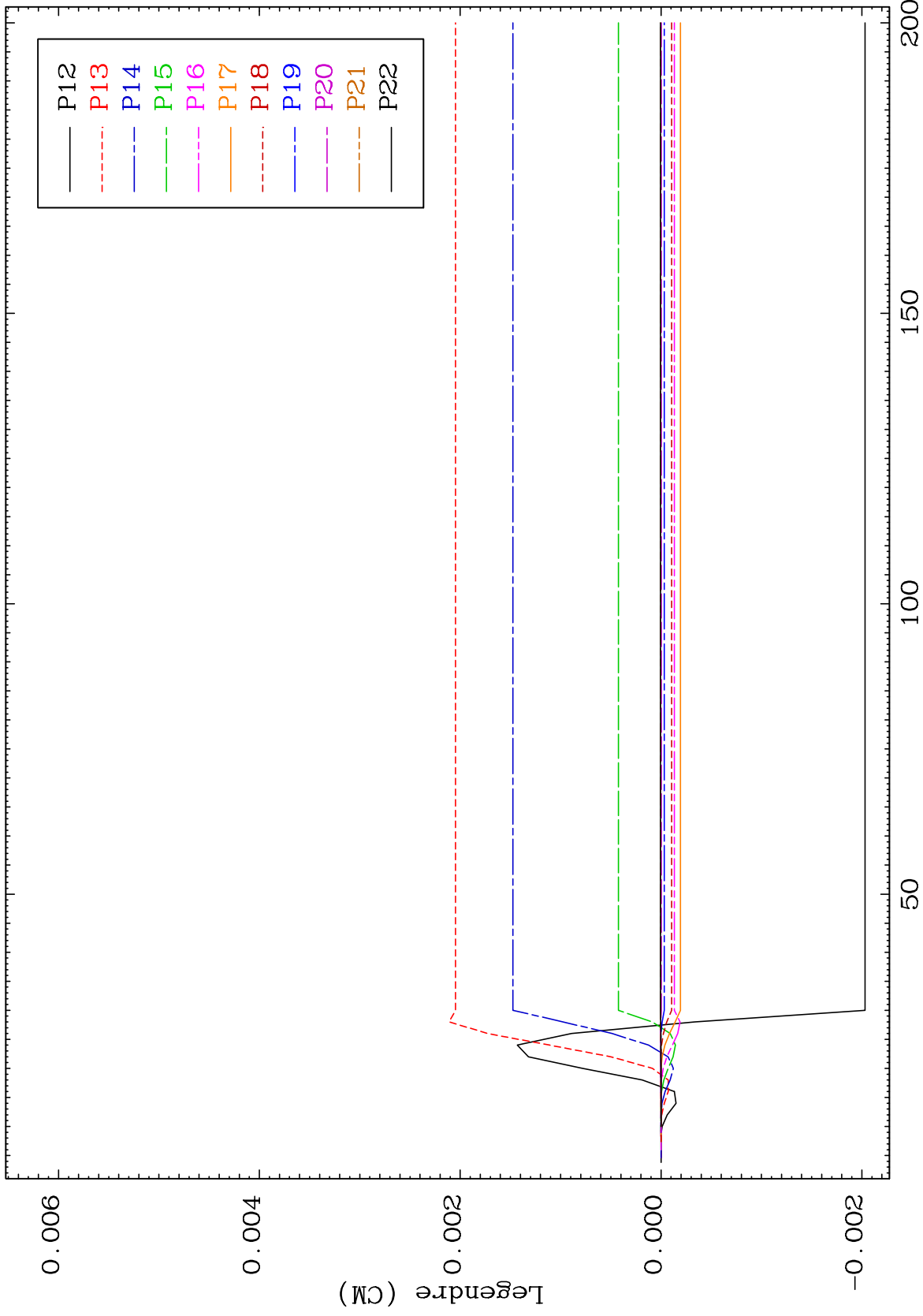




MAT 4095

1.870 MeV (n,n') Level
Legendre Coefficients

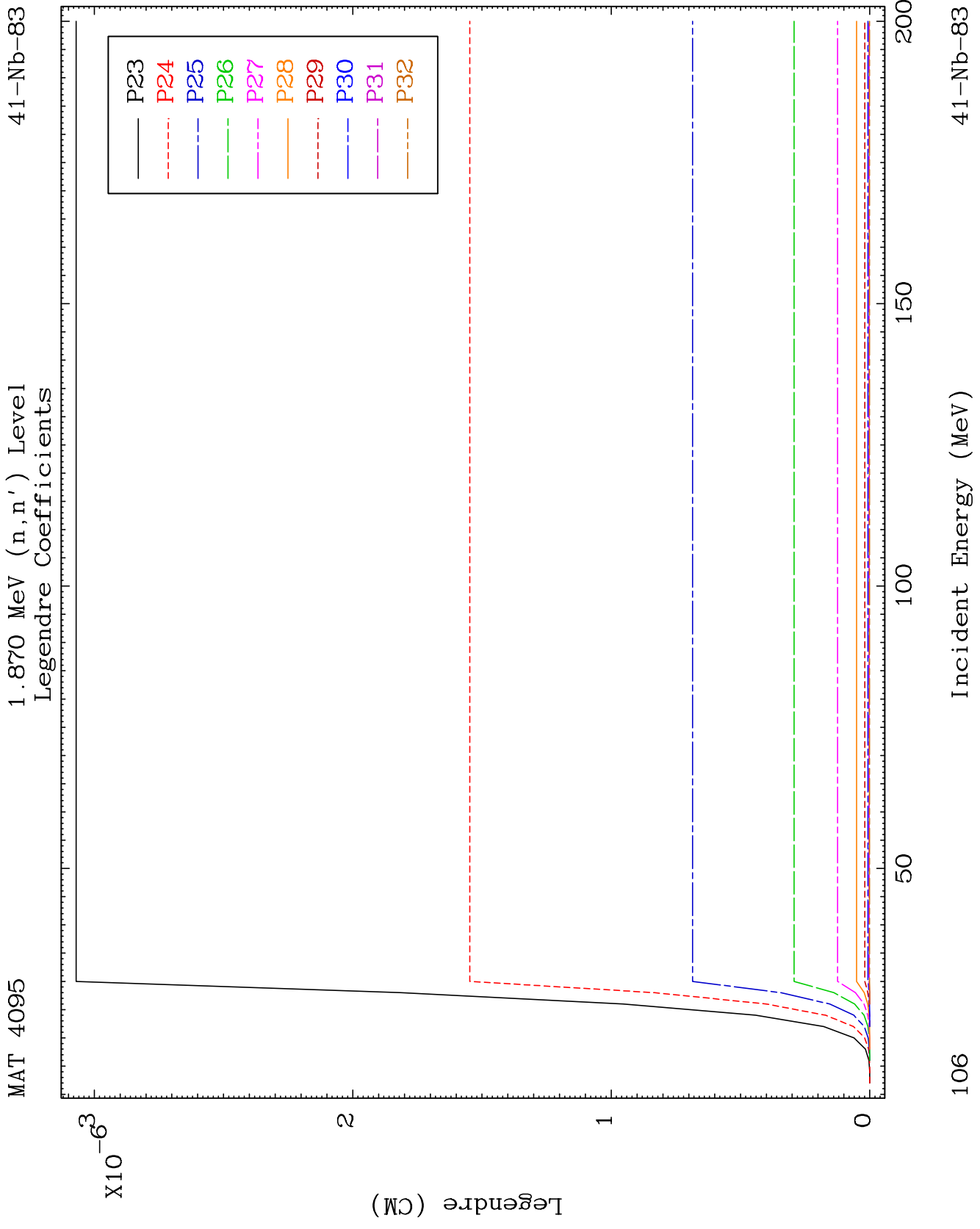
41-Nb-83

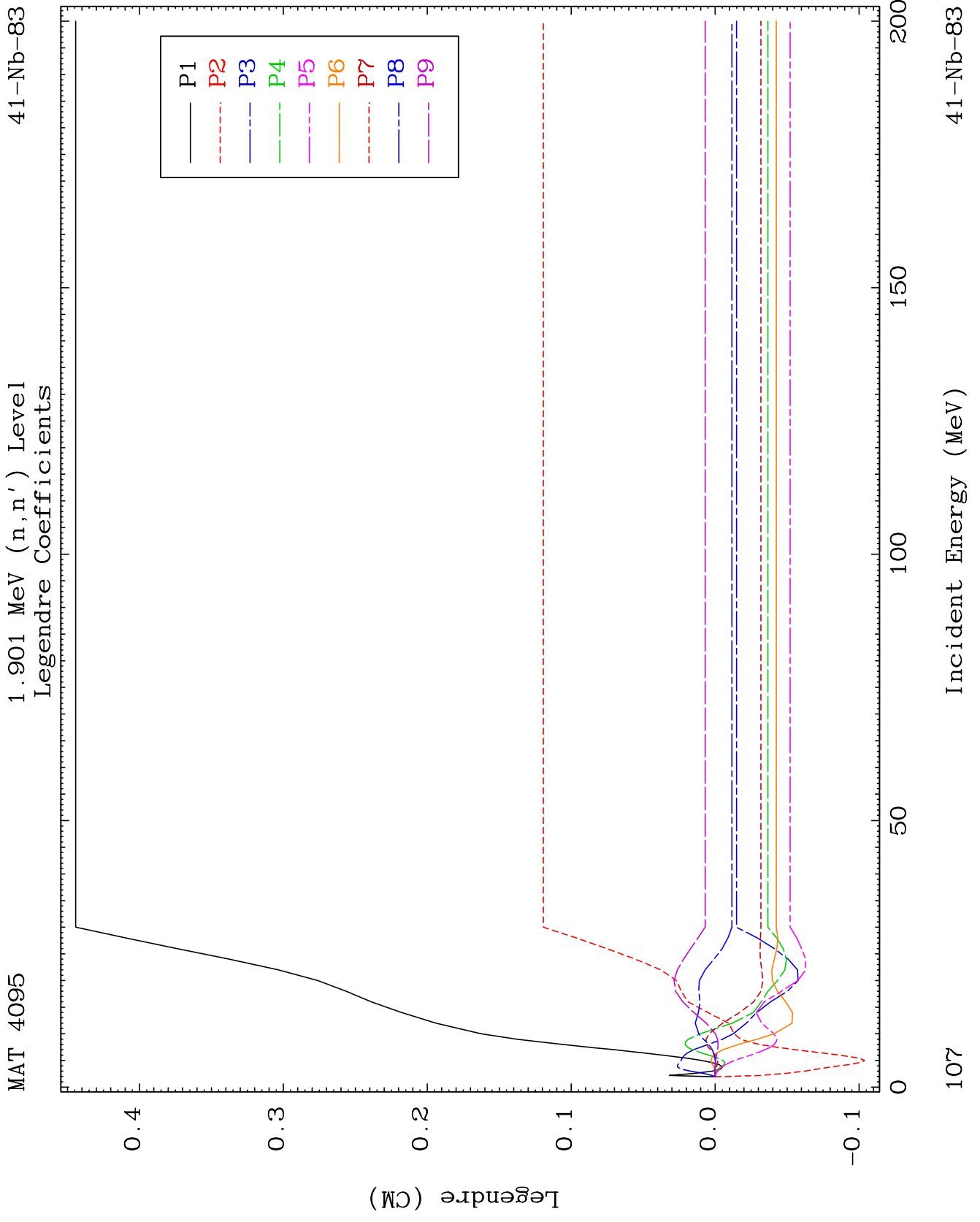


105

Incident Energy (MeV)

41-Nb-83

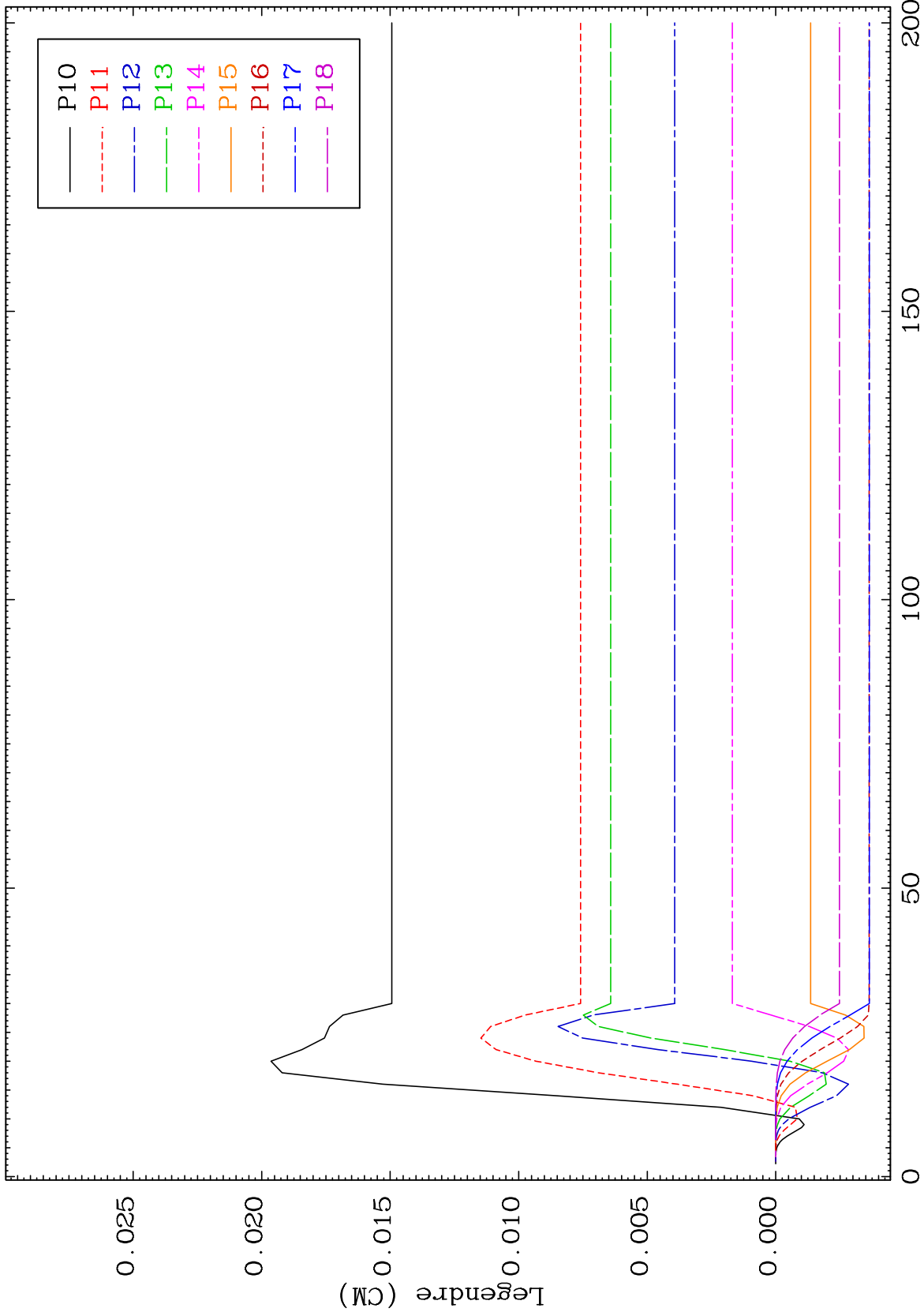




MAT 4095

1.901 MeV (n,n') Level
Legendre Coefficients

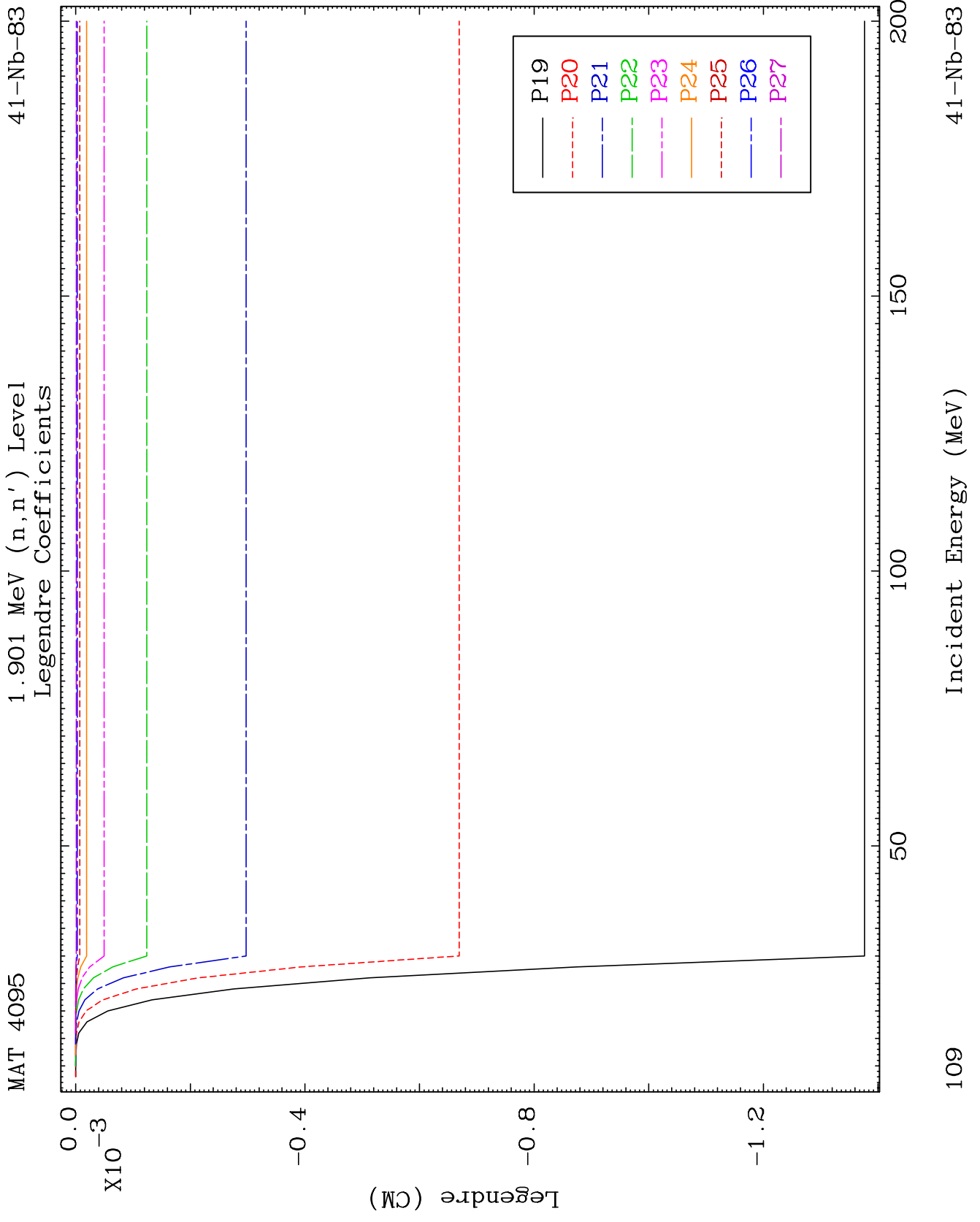
41-Nb-83

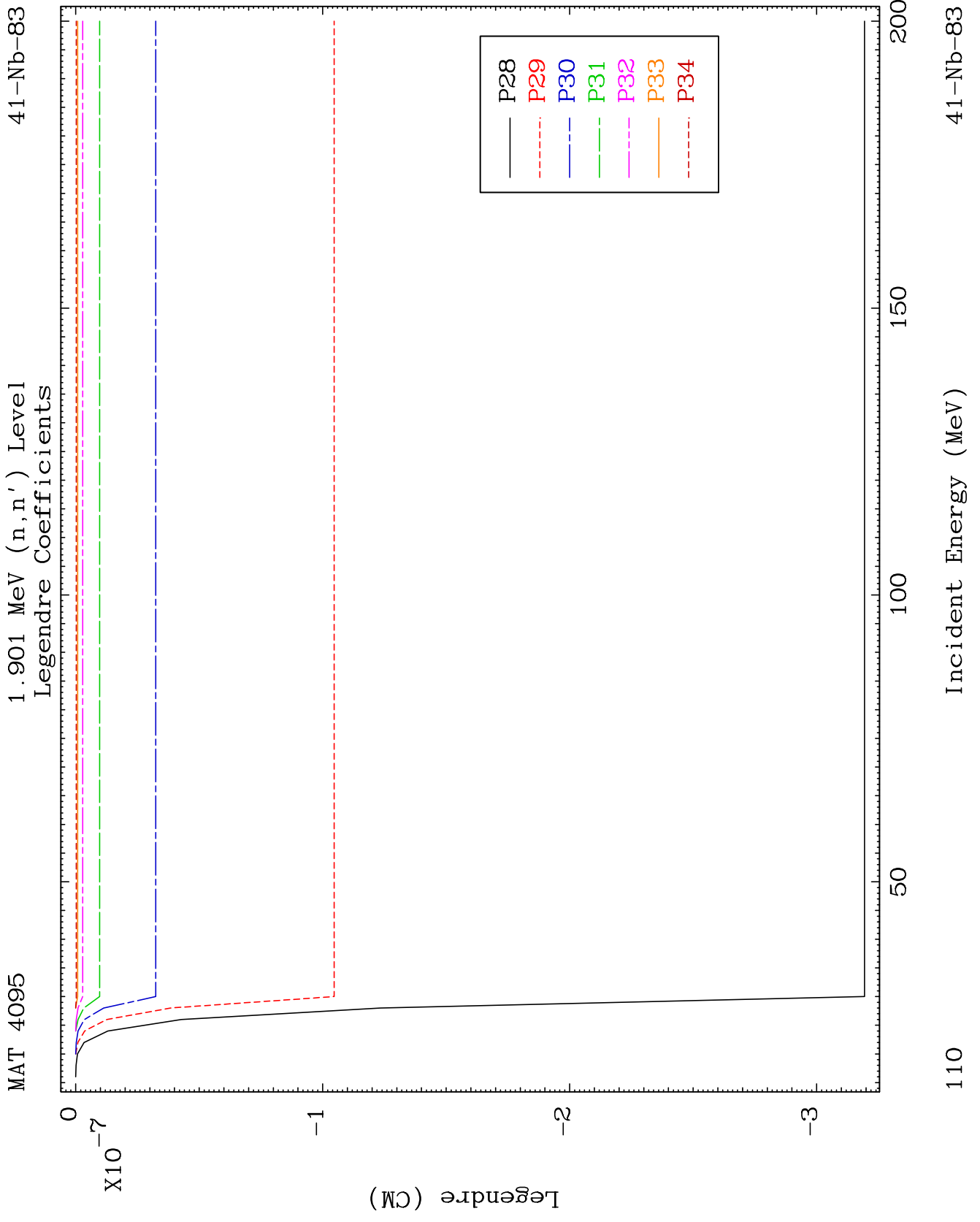


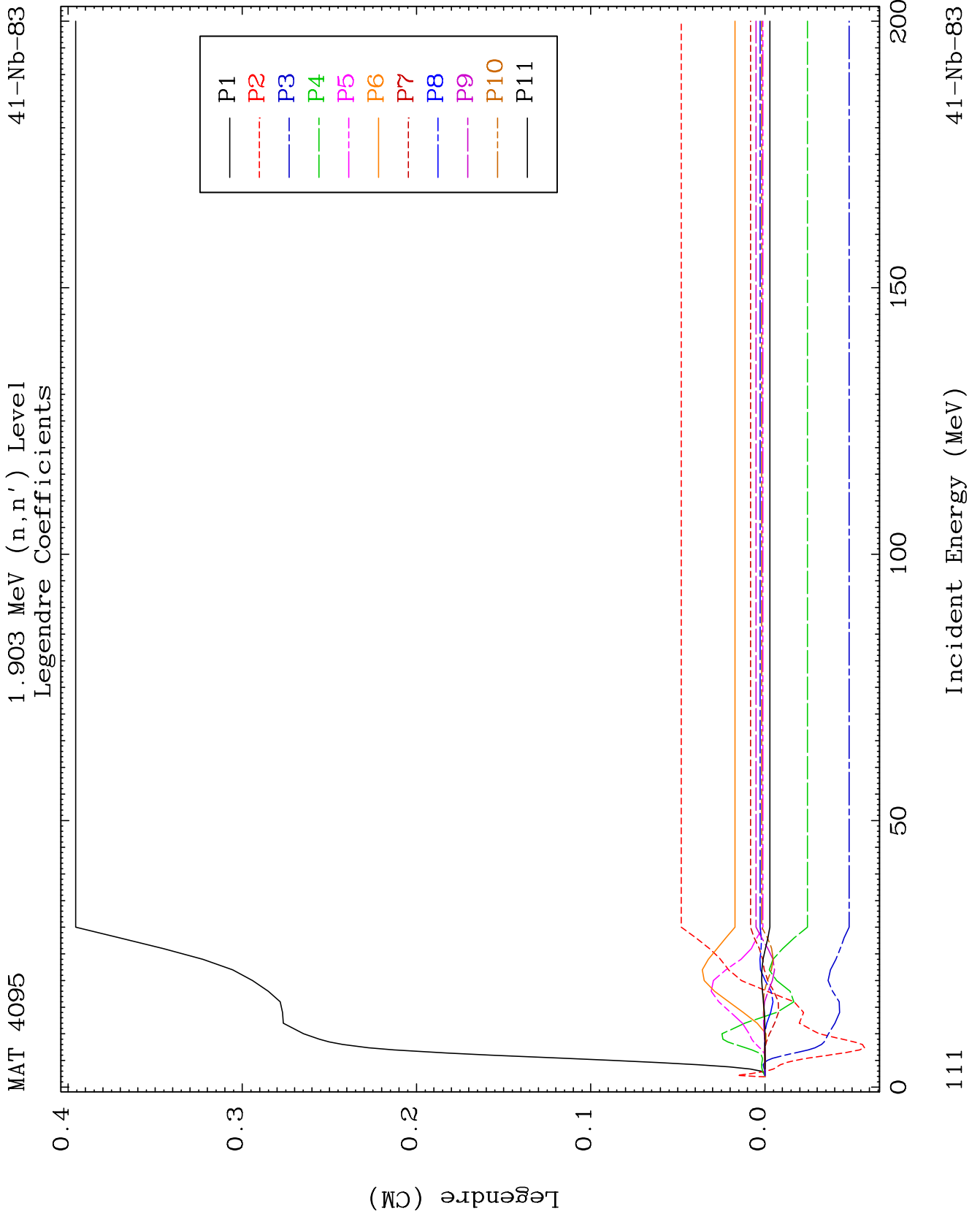
108

Incident Energy (MeV)

41-Nb-83



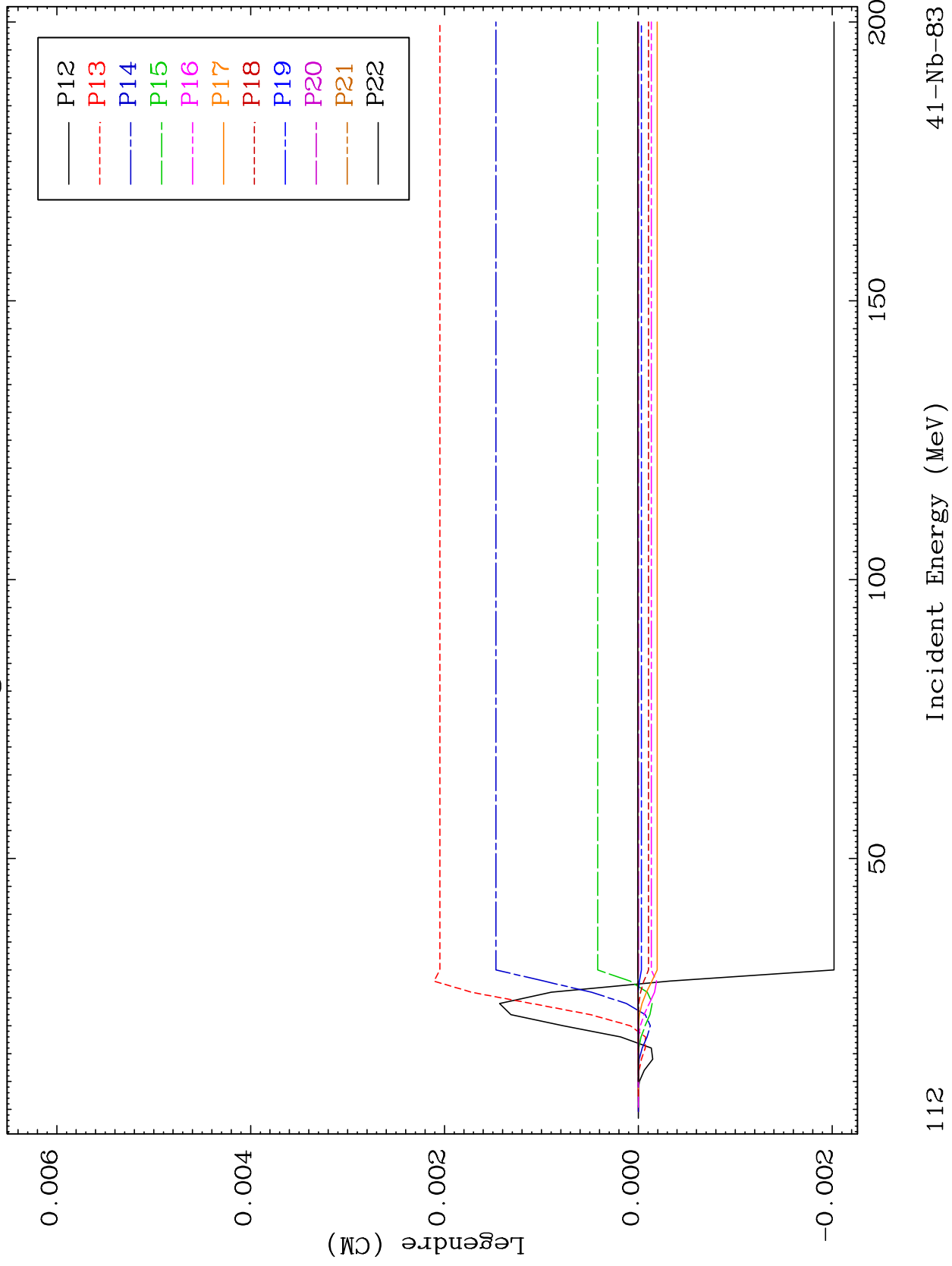




MAT 4095

1.903 MeV (n,n') Level
Legendre Coefficients

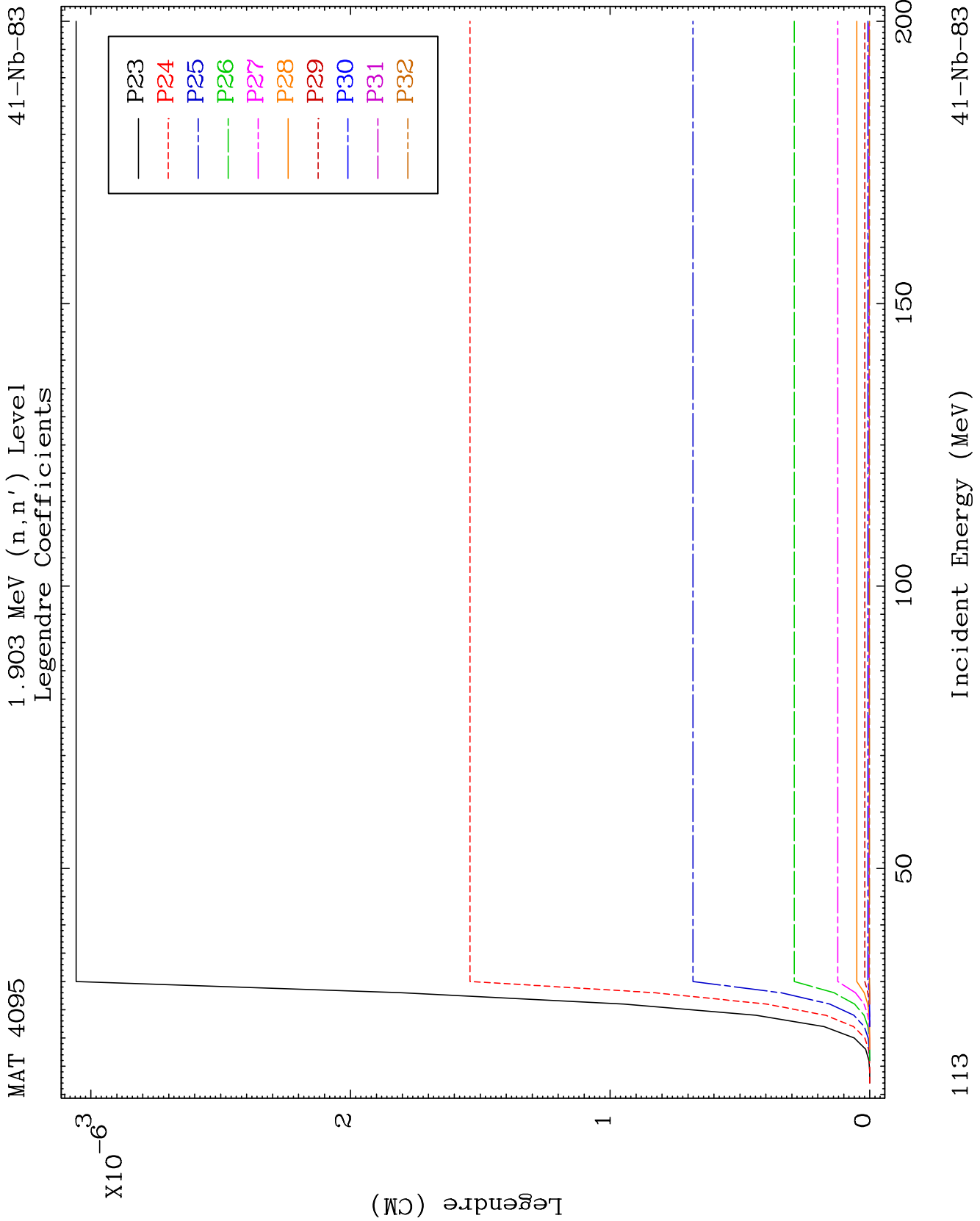
41-Nb-83

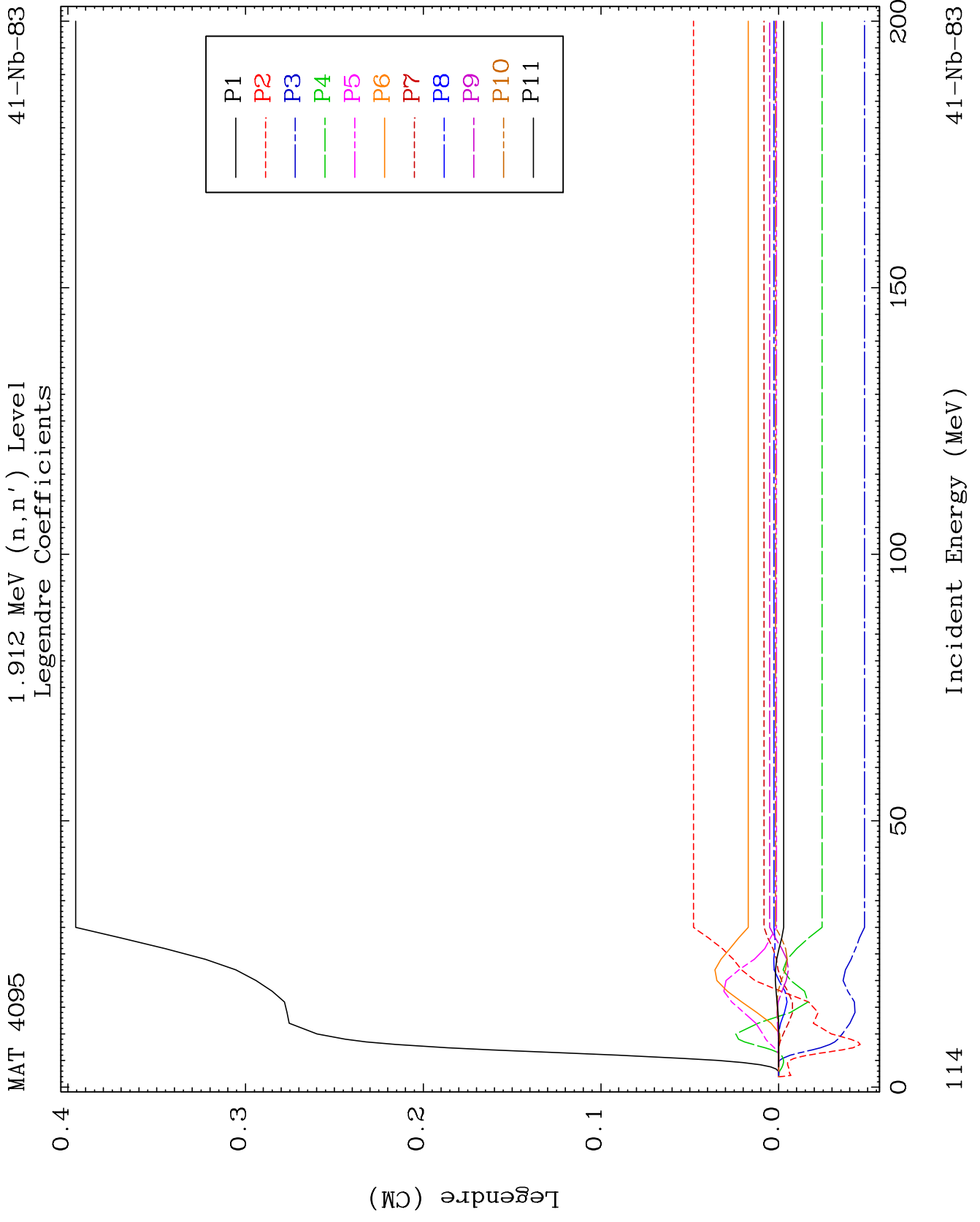


112

Incident Energy (MeV)

41-Nb-83

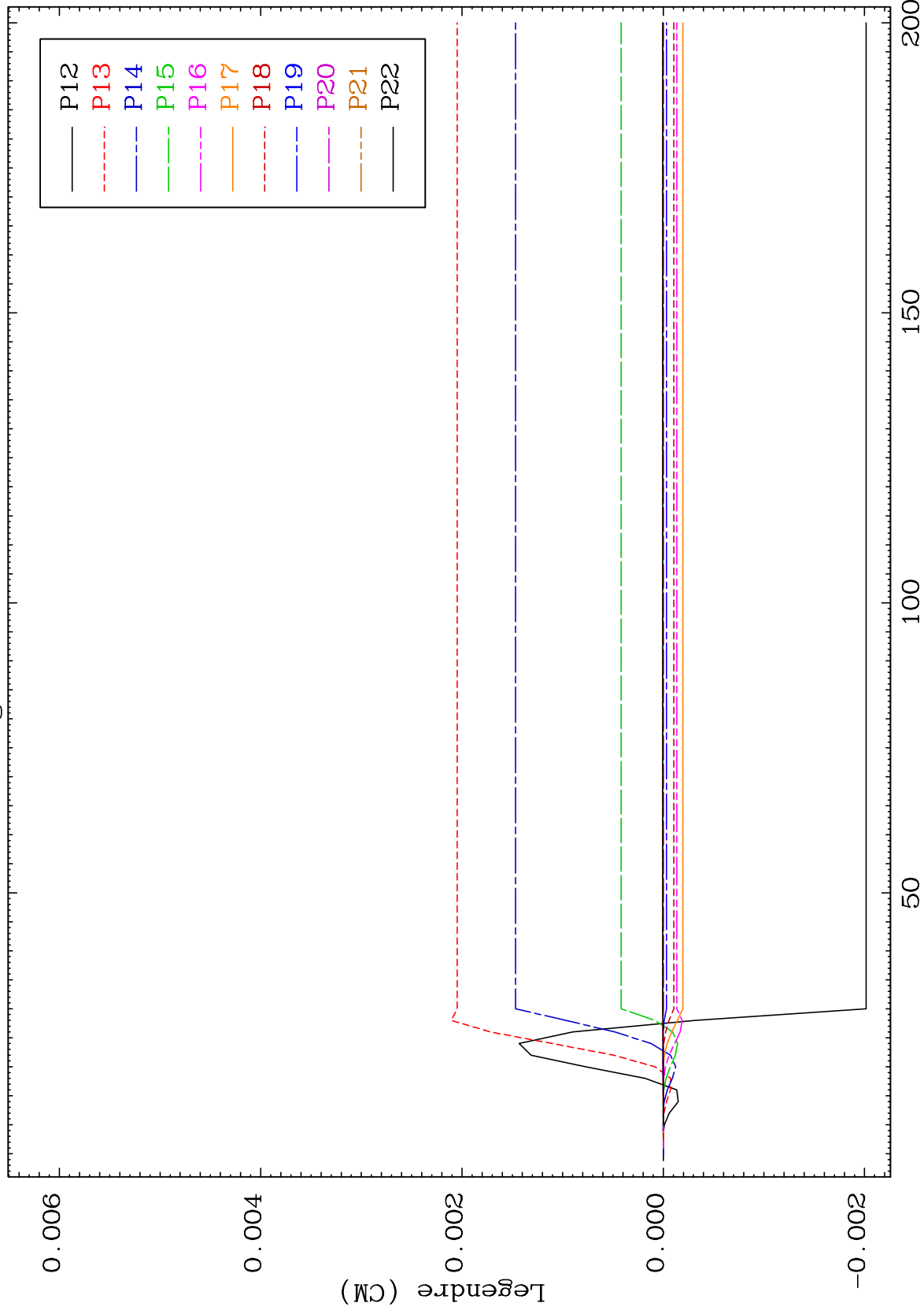




MAT 4095

1.912 MeV (n,n') Level
Legendre Coefficients

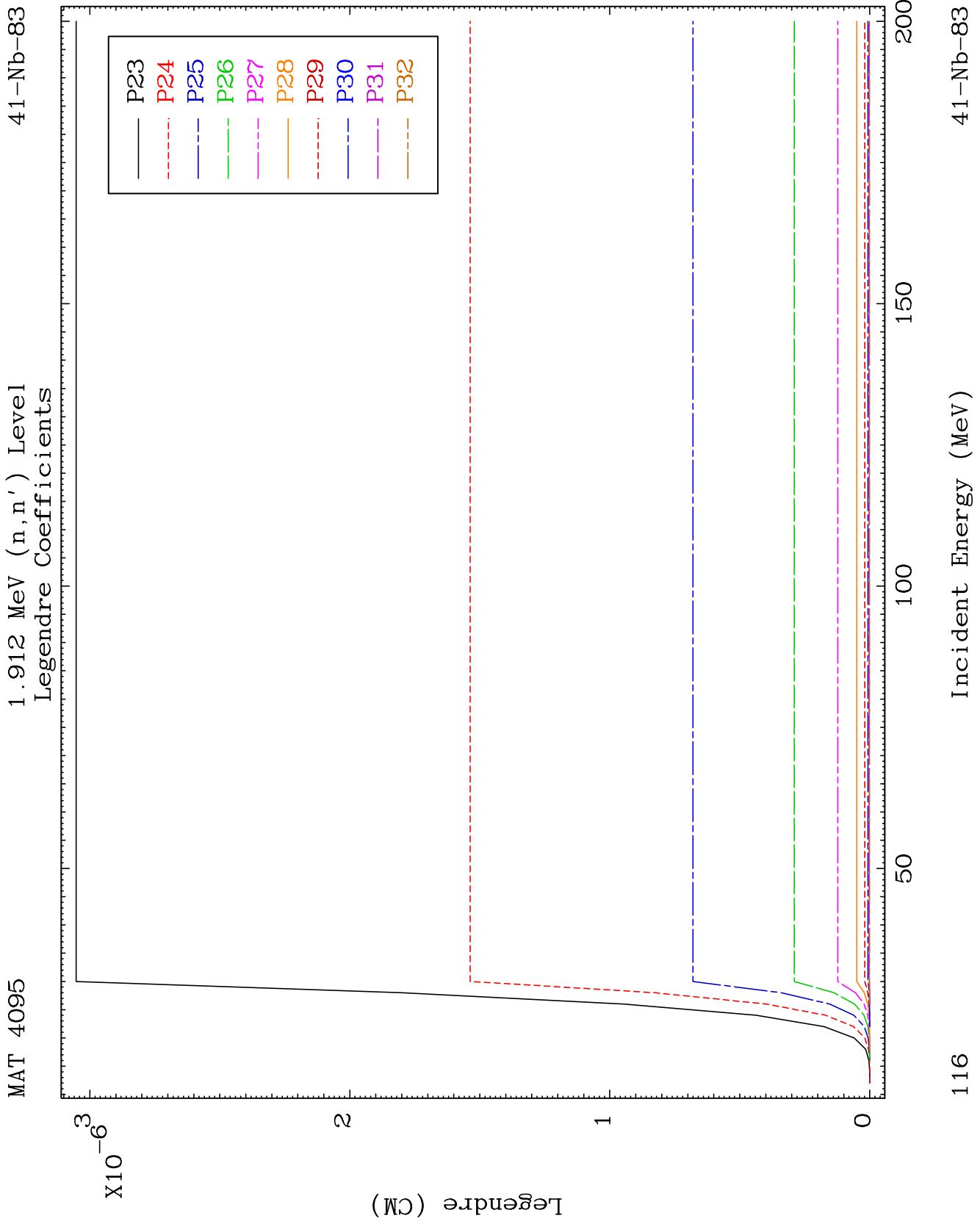
41-Nb-83

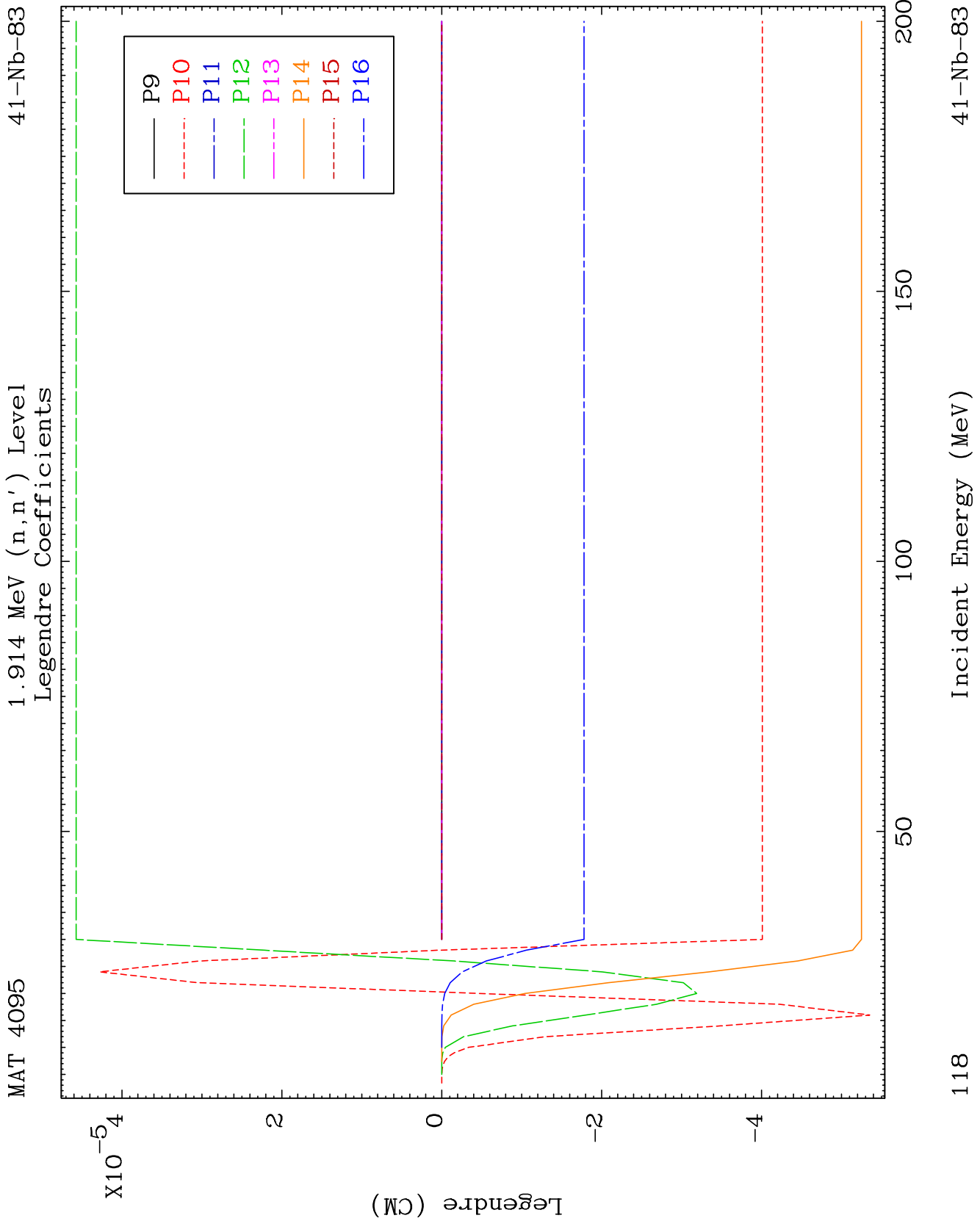


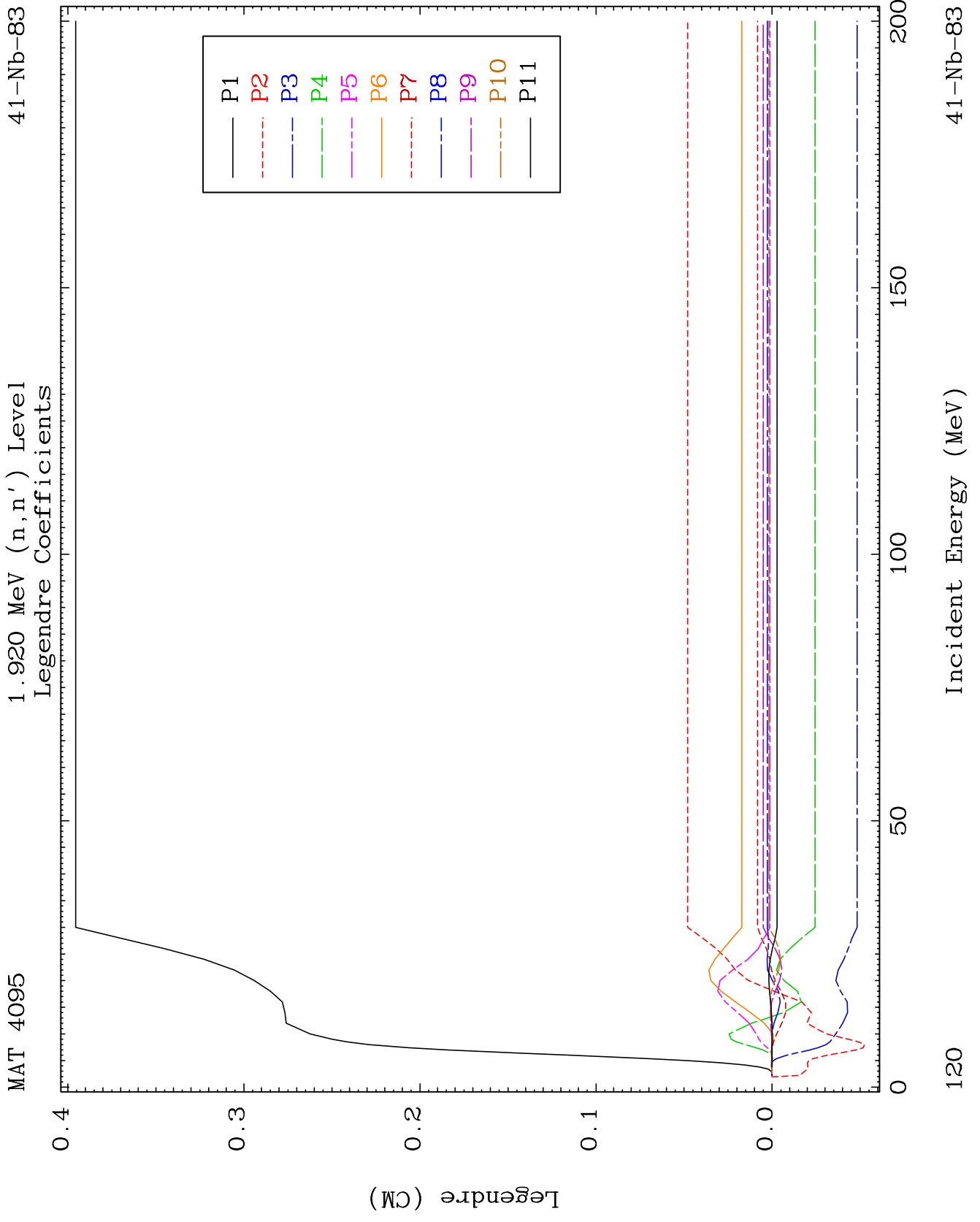
115

Incident Energy (MeV)

41-Nb-83



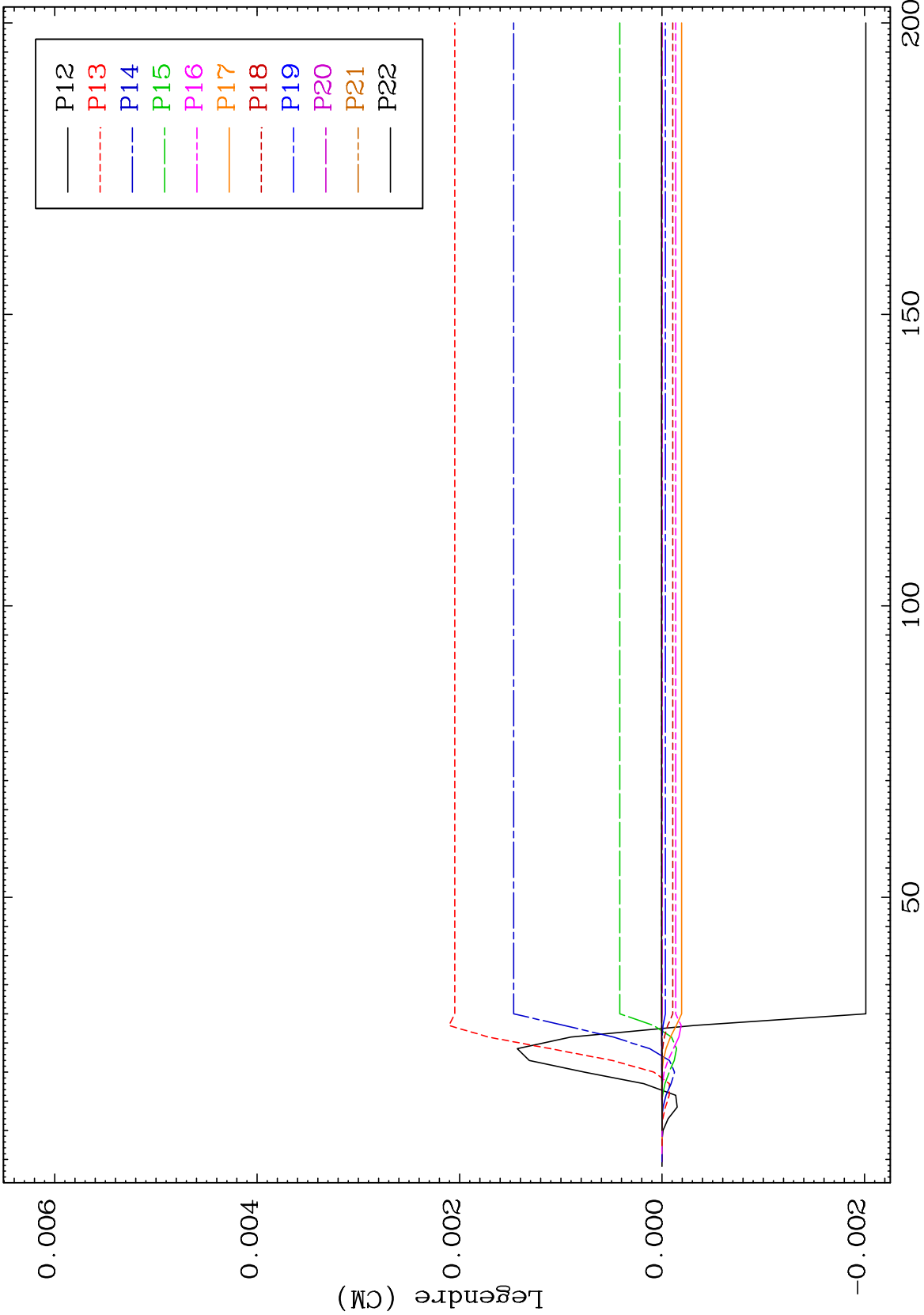




MAT 4095

1.920 MeV (n,n') Level
Legendre Coefficients

41-Nb-83



121

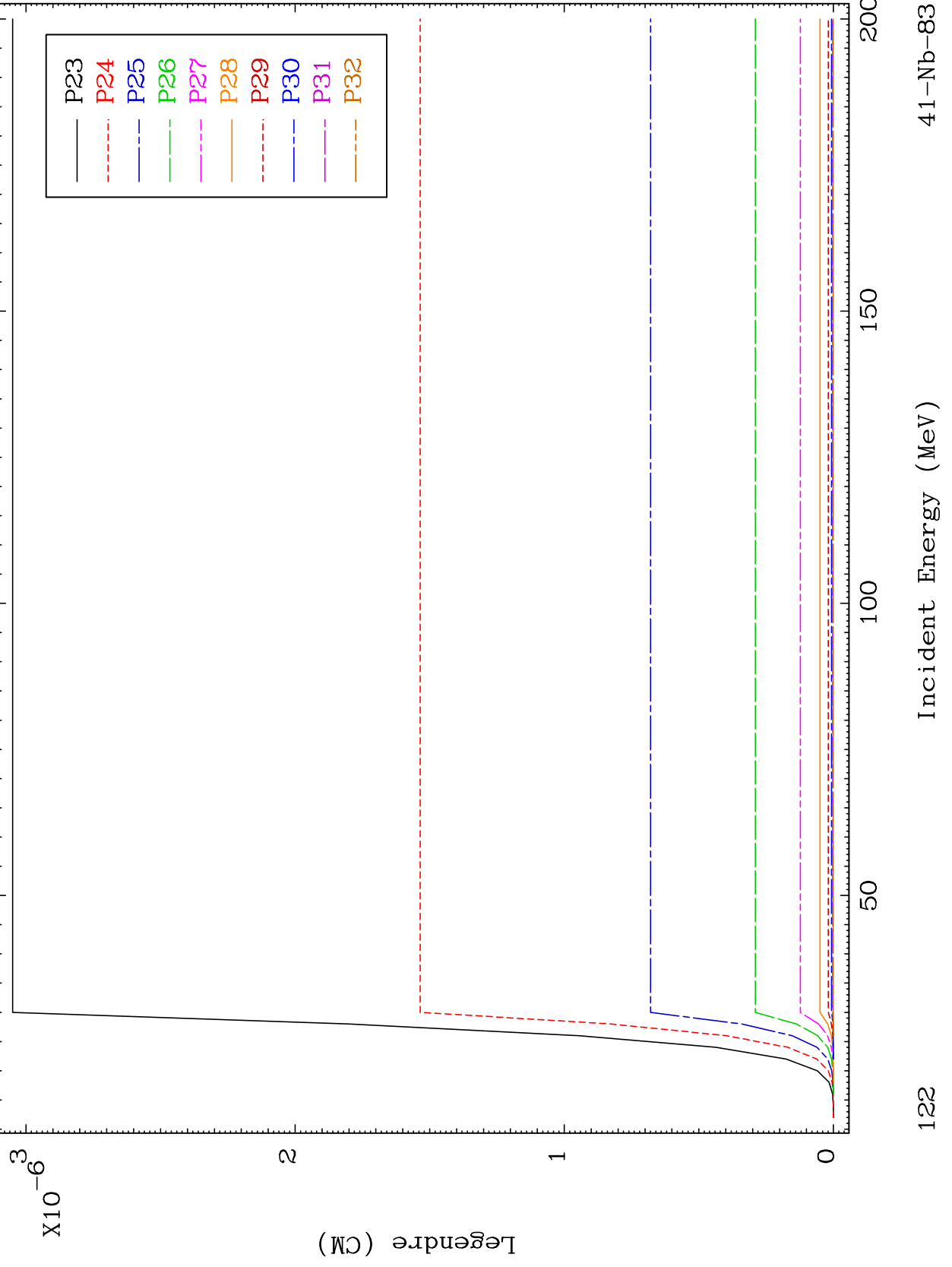
Incident Energy (MeV)

41-Nb-83

MAT 4095

1.920 MeV (n,n') Level
Legendre Coefficients

41-Nb-83

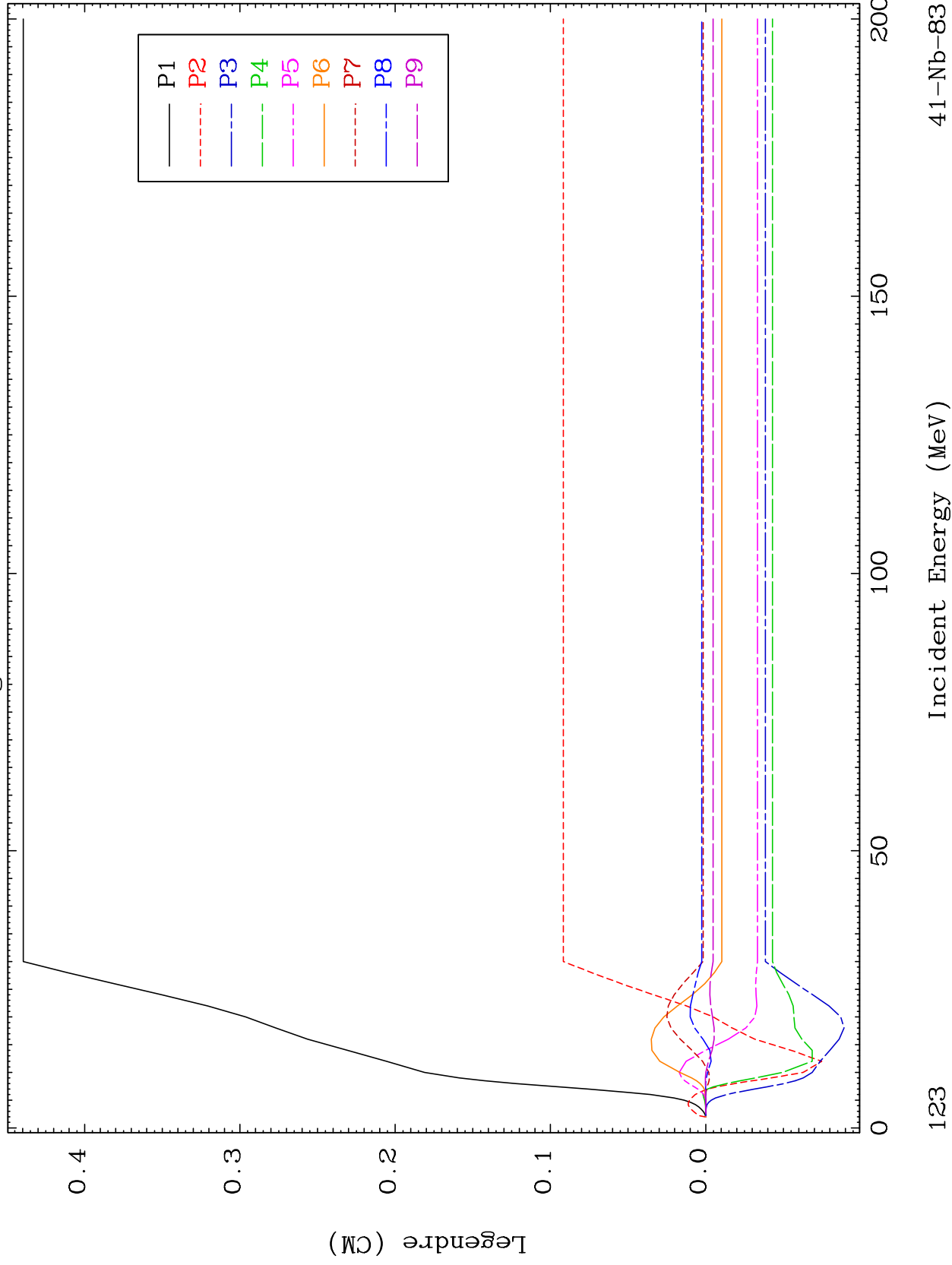


122

MAT 4095

1.925 MeV (n,n') Level
Legendre Coefficients

41-Nb-83



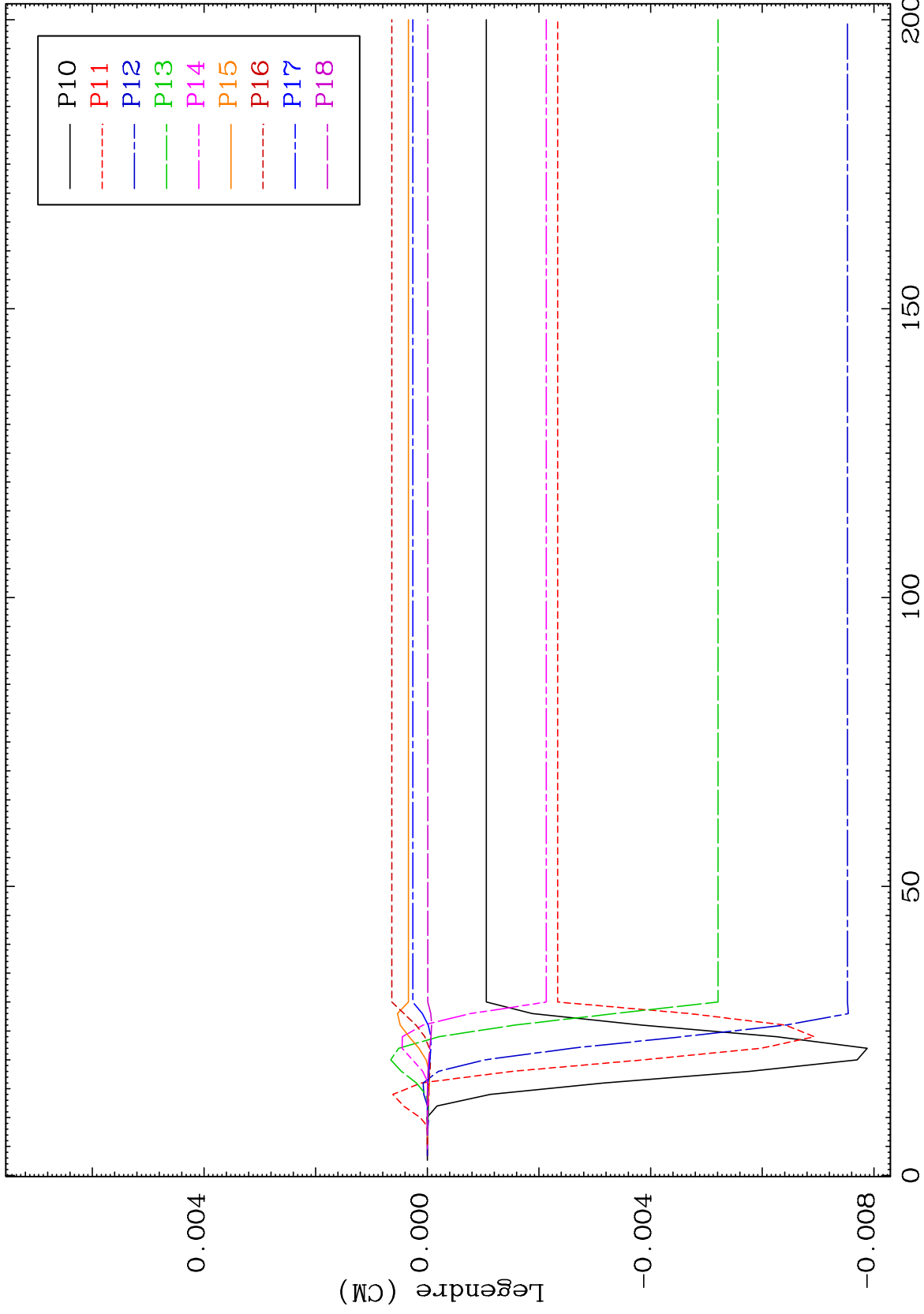
123

41-Nb-83

MAT 4095

1.925 MeV (n,n') Level
Legendre Coefficients

41-Nb-83



124

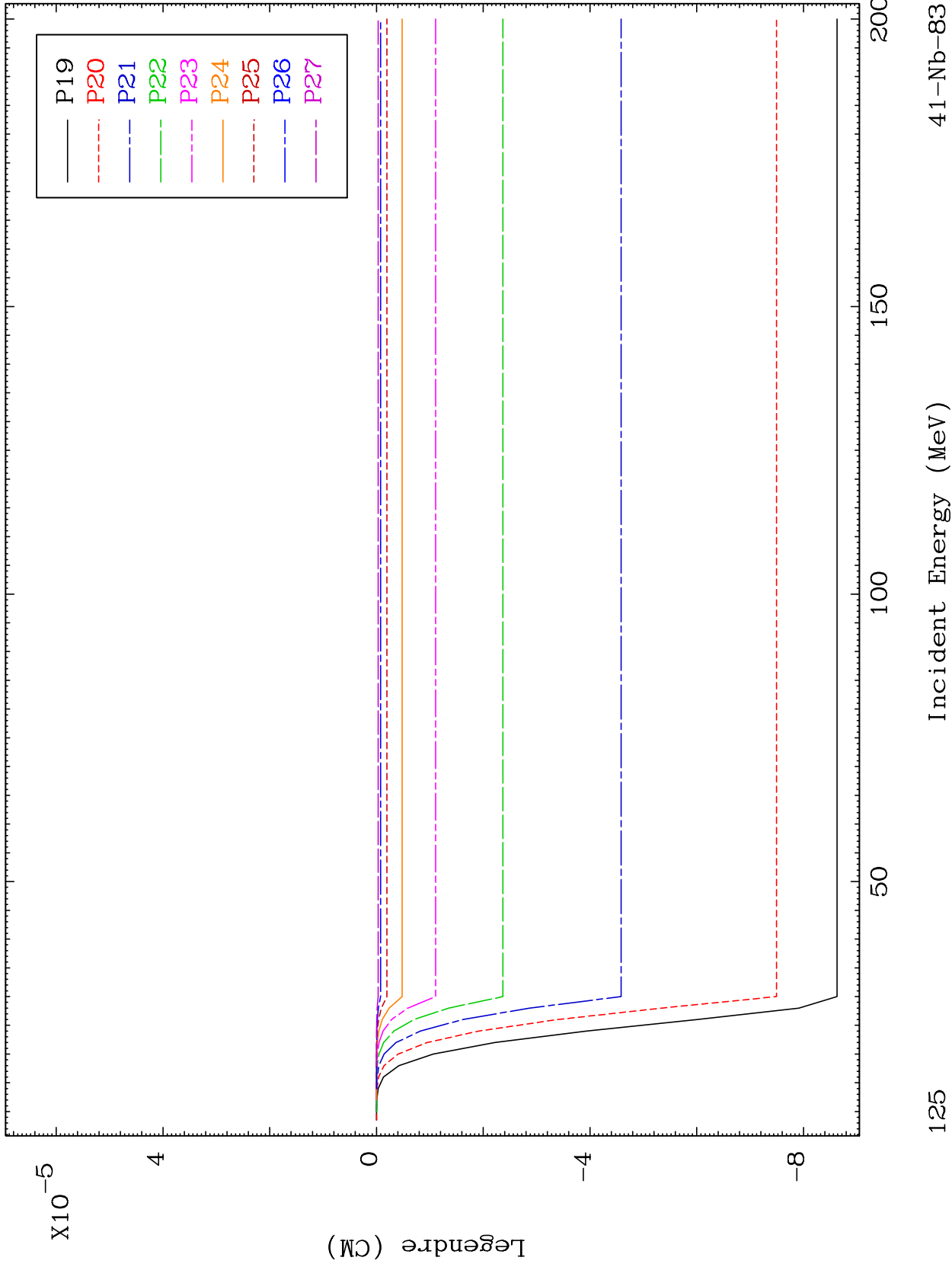
Incident Energy (MeV)

41-Nb-83

MAT 4095

1.925 MeV (n,n') Level
Legendre Coefficients

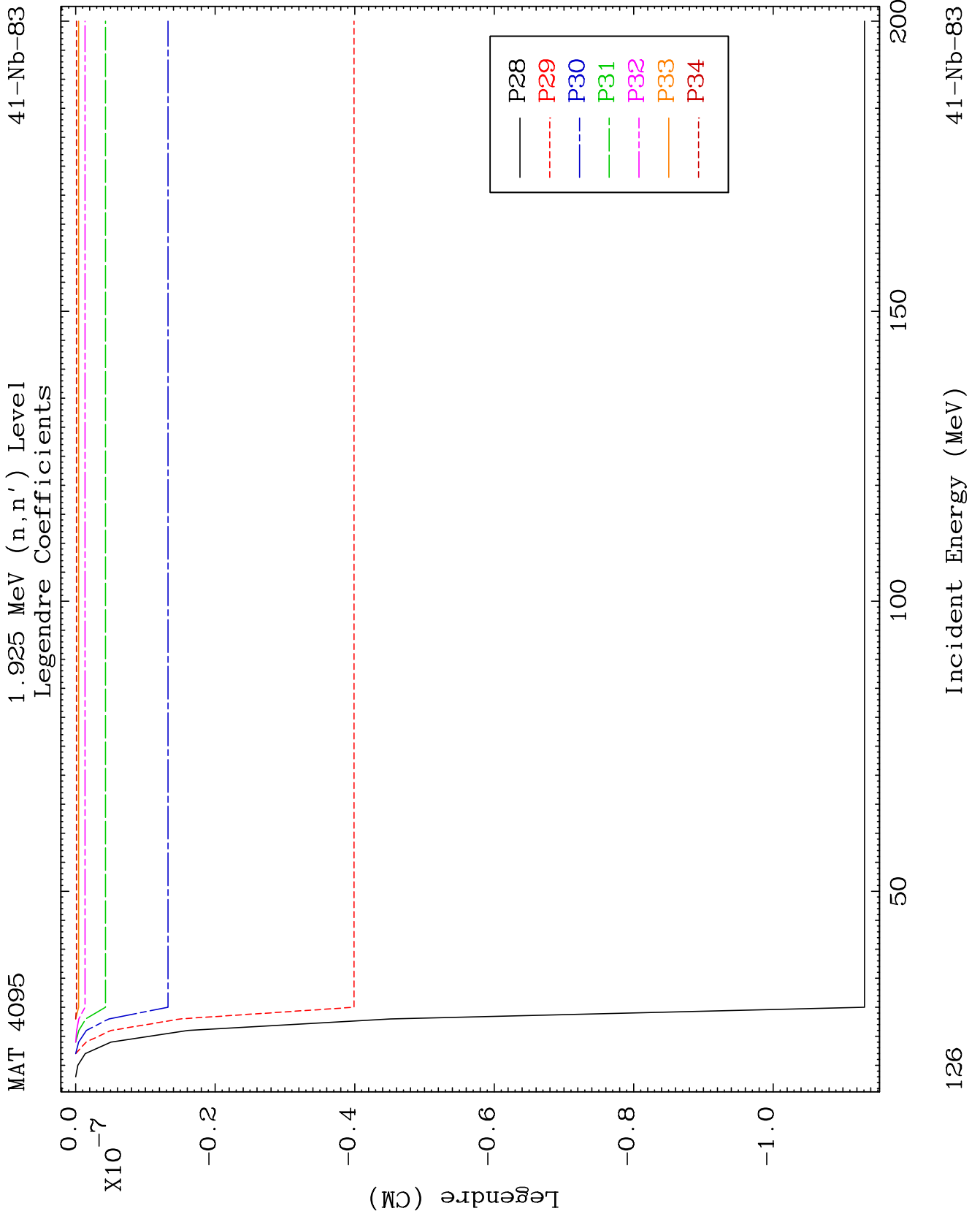
41-Nb-83

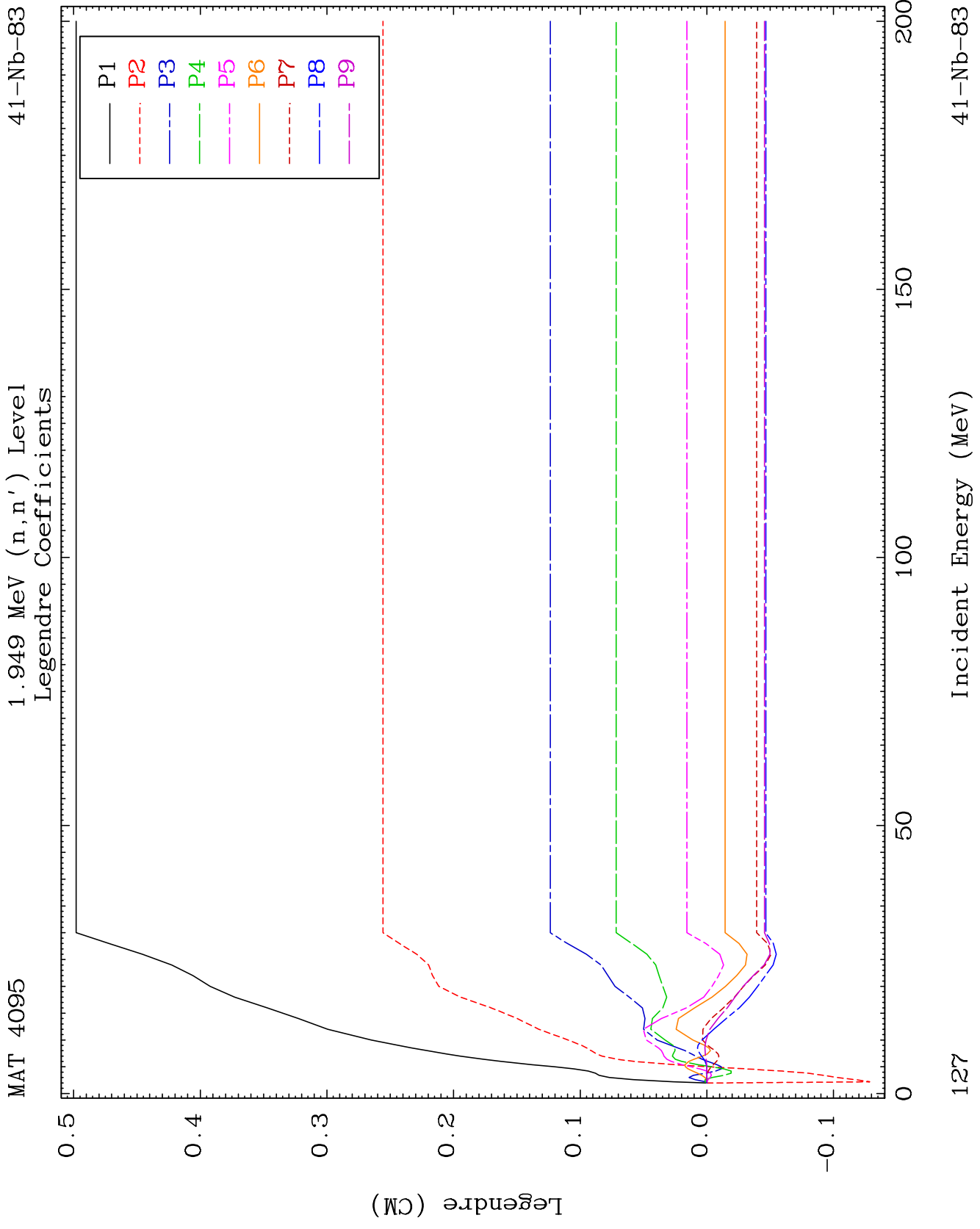


125

Incident Energy (MeV)

41-Nb-83

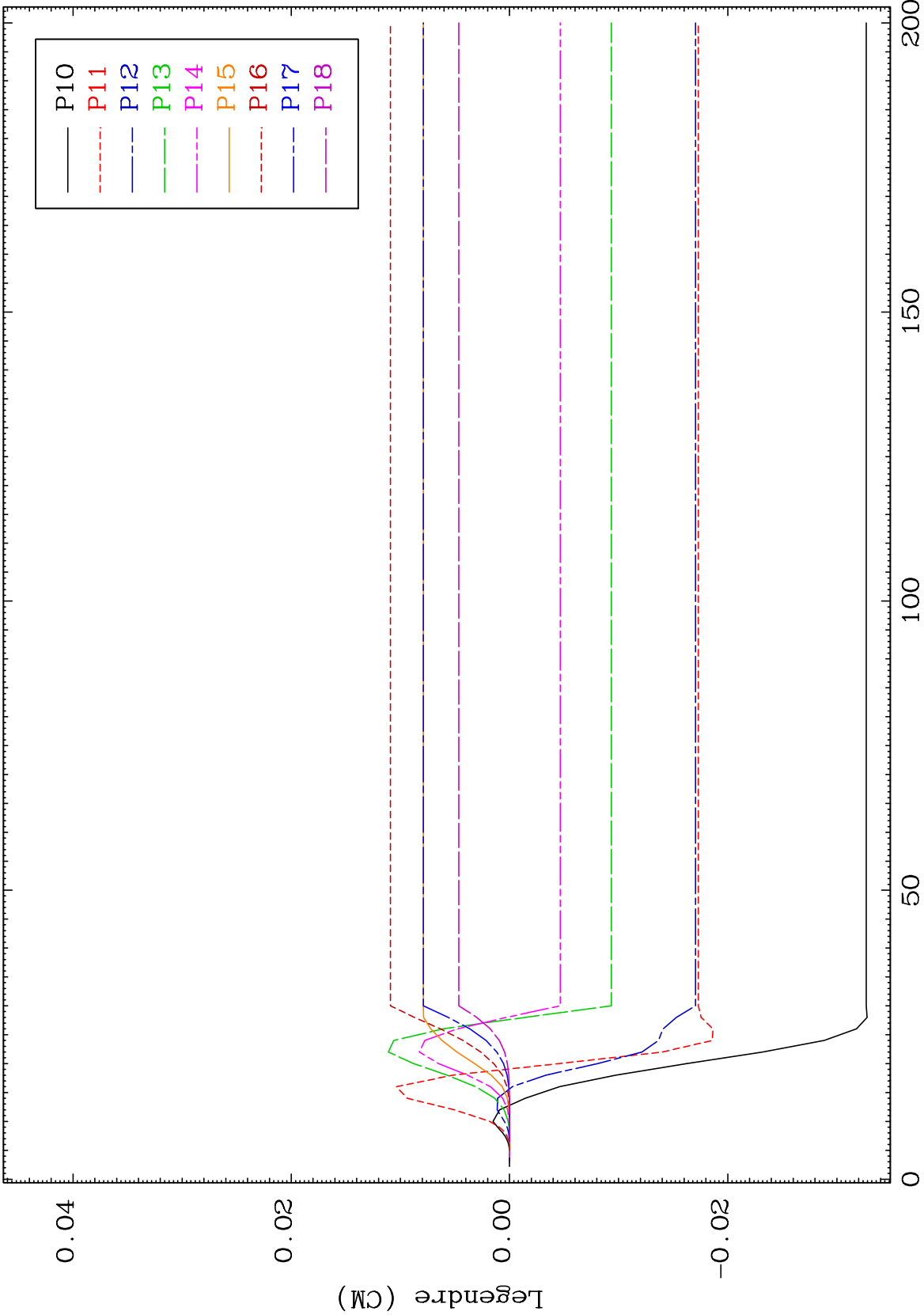




MAT 4095

1.949 MeV (n,n') Level
Legendre Coefficients

41-Nb-83



128

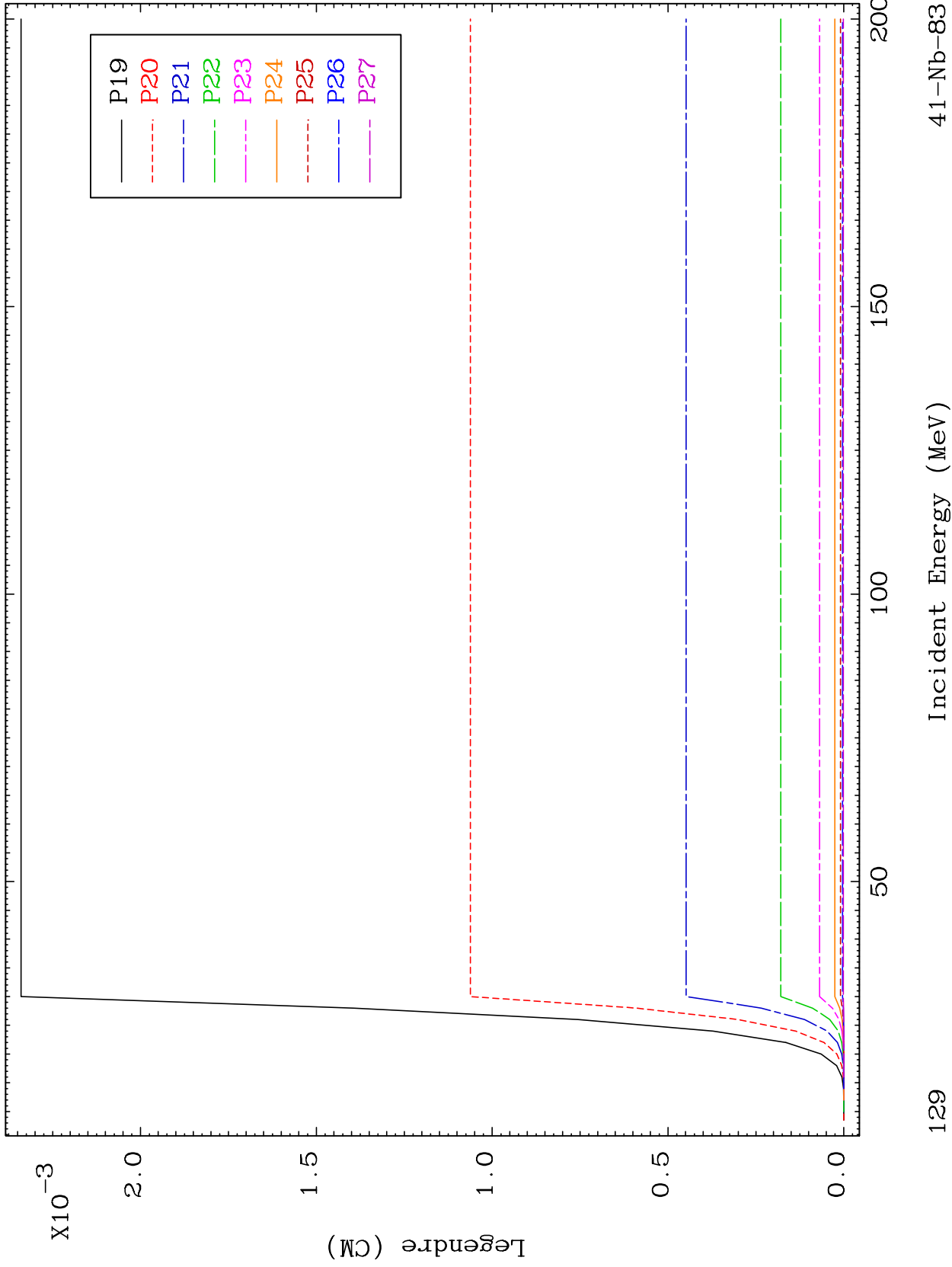
Incident Energy (MeV)

41-Nb-83

MAT 4095

1.949 MeV (n,n') Level
Legendre Coefficients

41-Nb-83

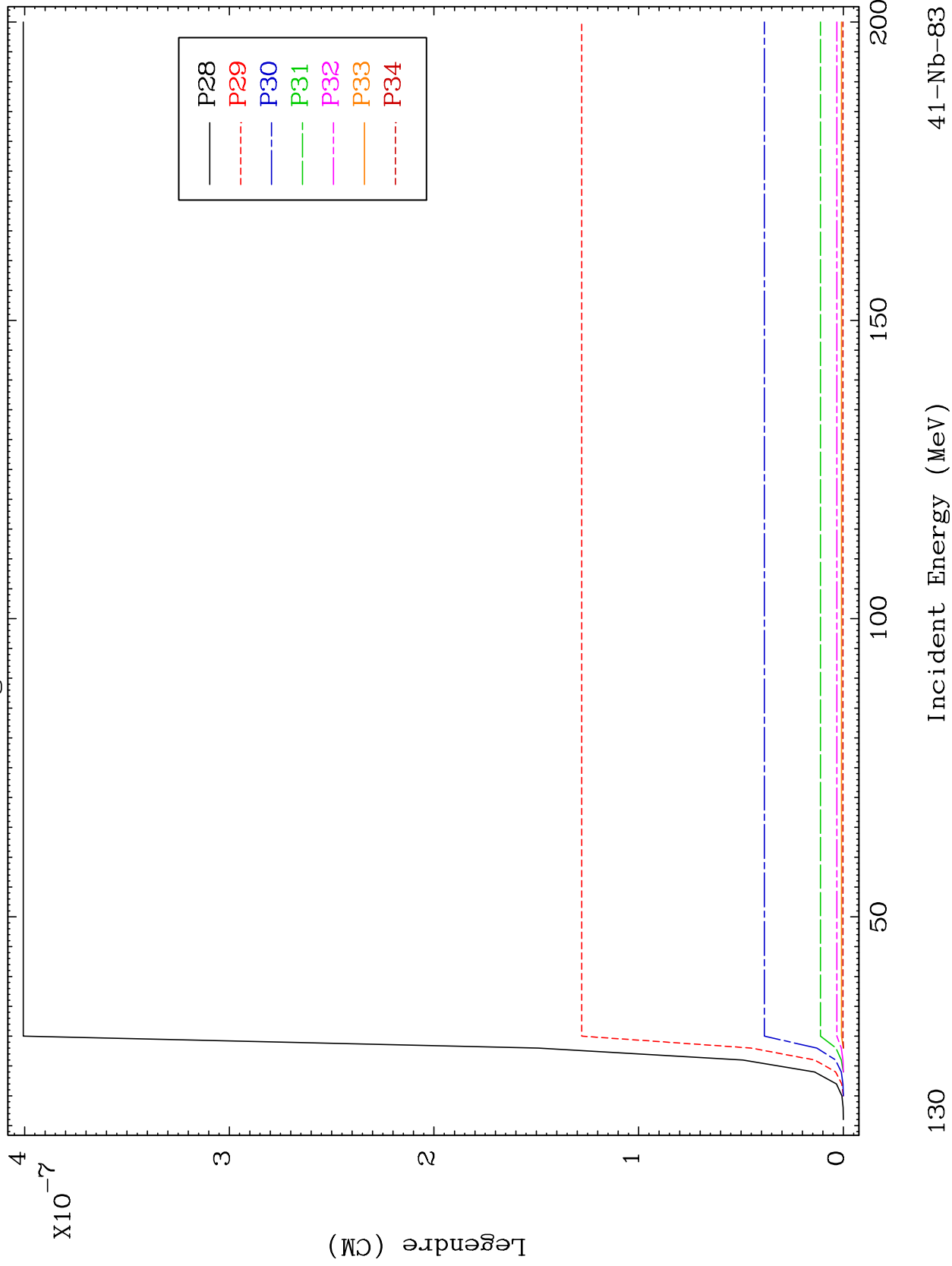


129

MAT 4095

1.949 MeV (n,n') Level
Legendre Coefficients

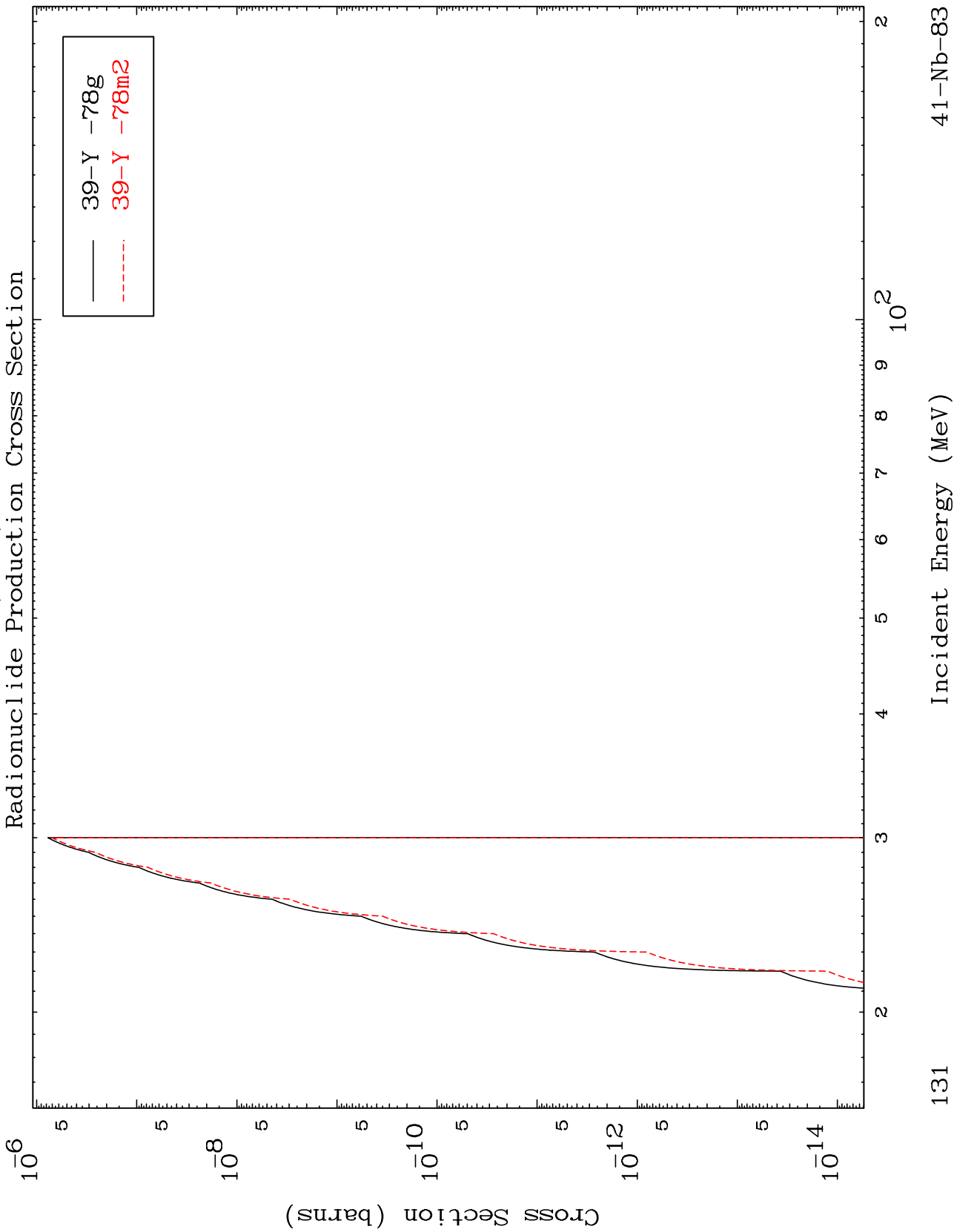
41-Nb-83



MAT 4095

(n,2n) α

41-Nb-83

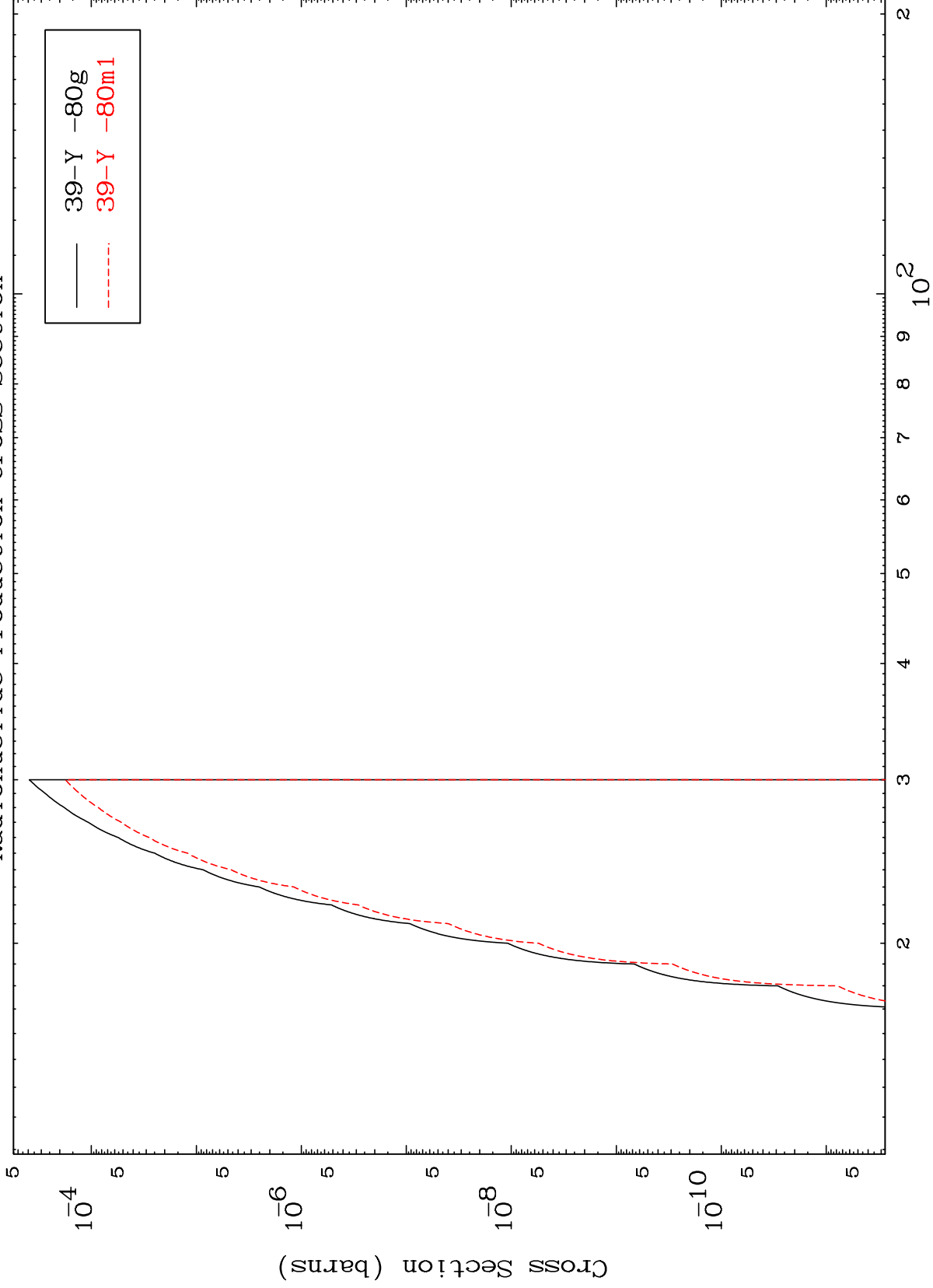


131

Incident Energy (MeV)

41-Nb-83

Radionuclide Production Cross Section

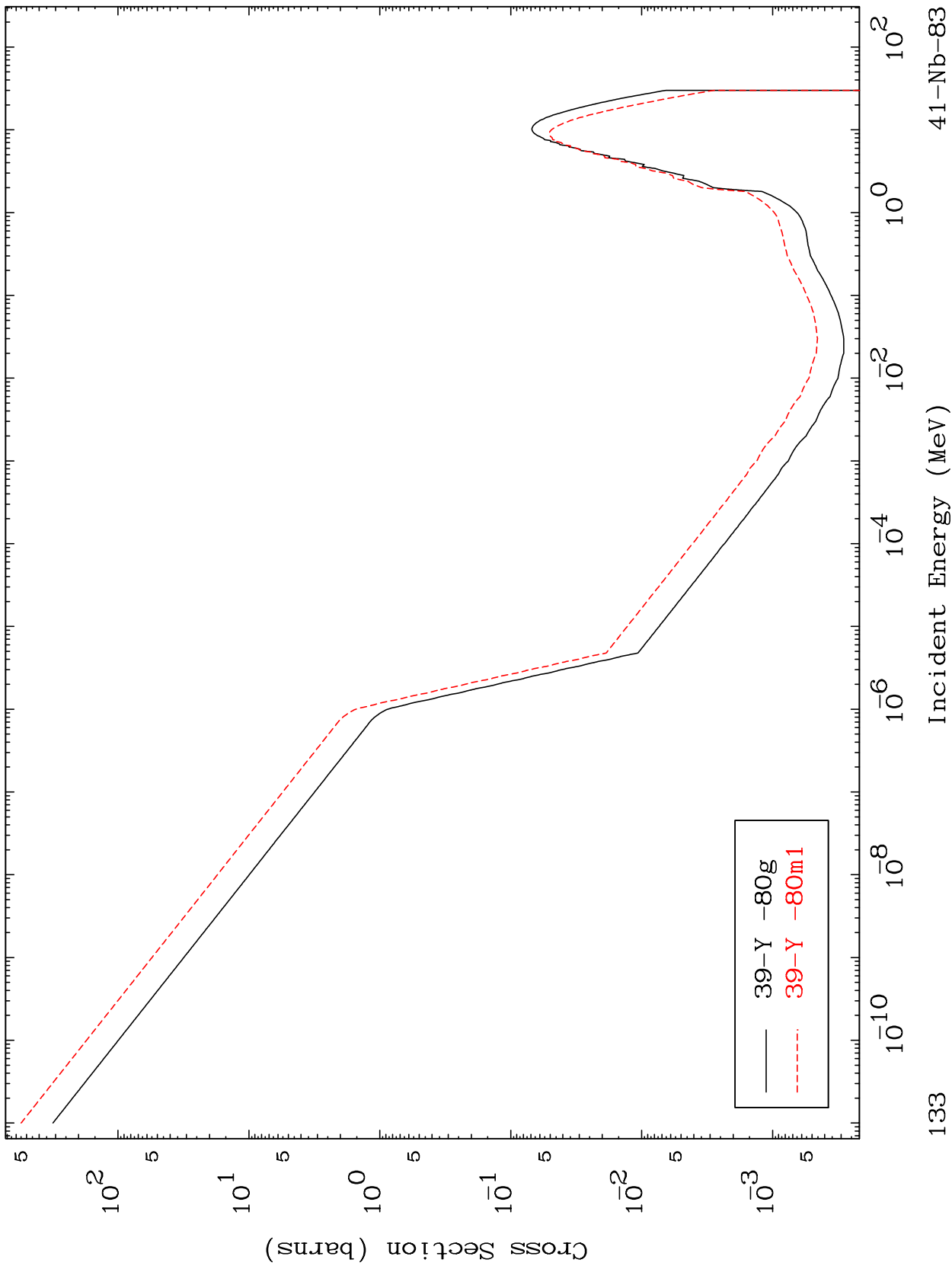


MAT 4095

41-Nb-83

Radionuclide Production Cross Section

(n, α)



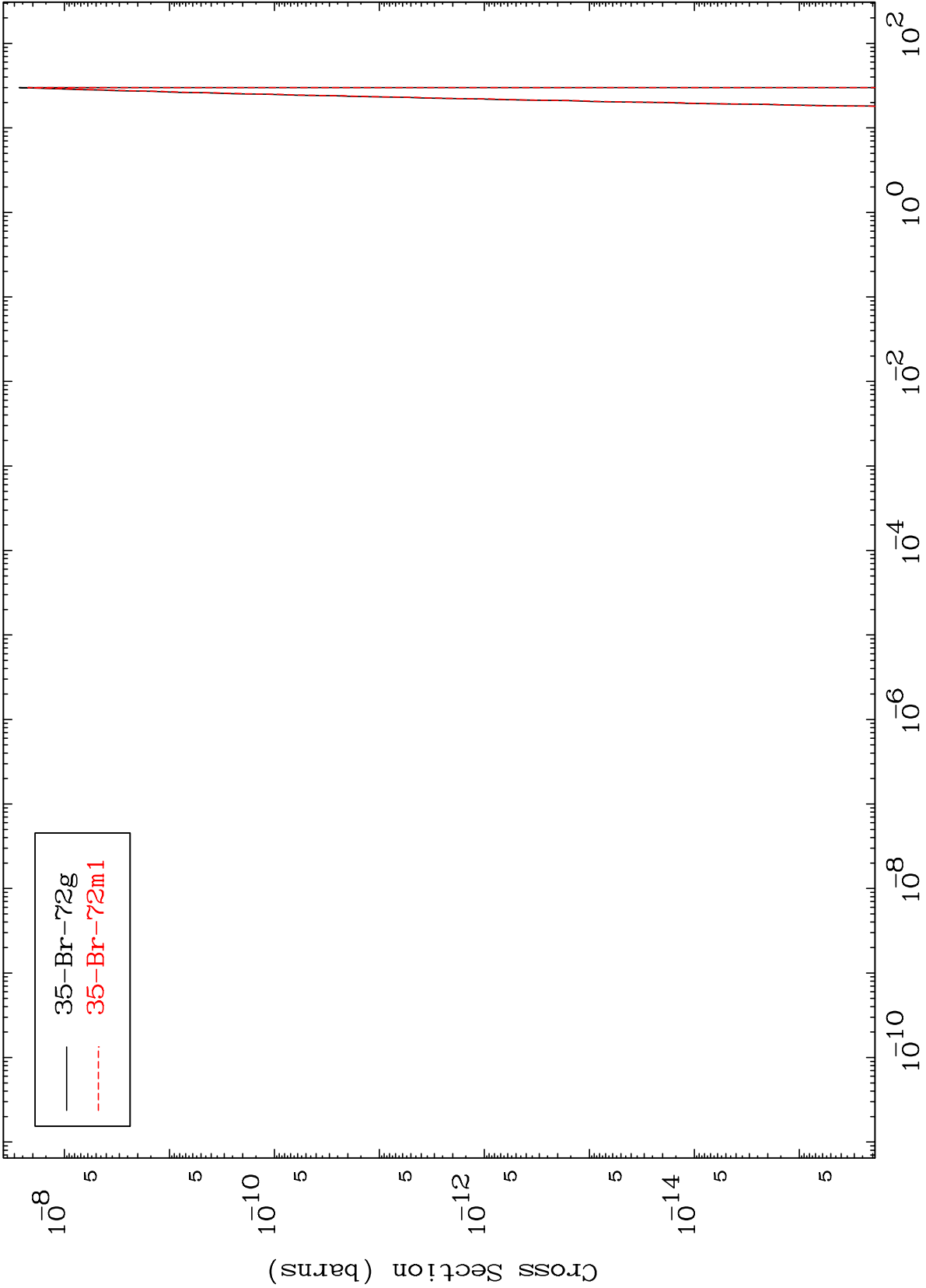
— 39-Y -80g
- - - 39-Y -80ml

MAT 4095

(n,3 α)

41-Nb-83

Radionuclide Production Cross Section

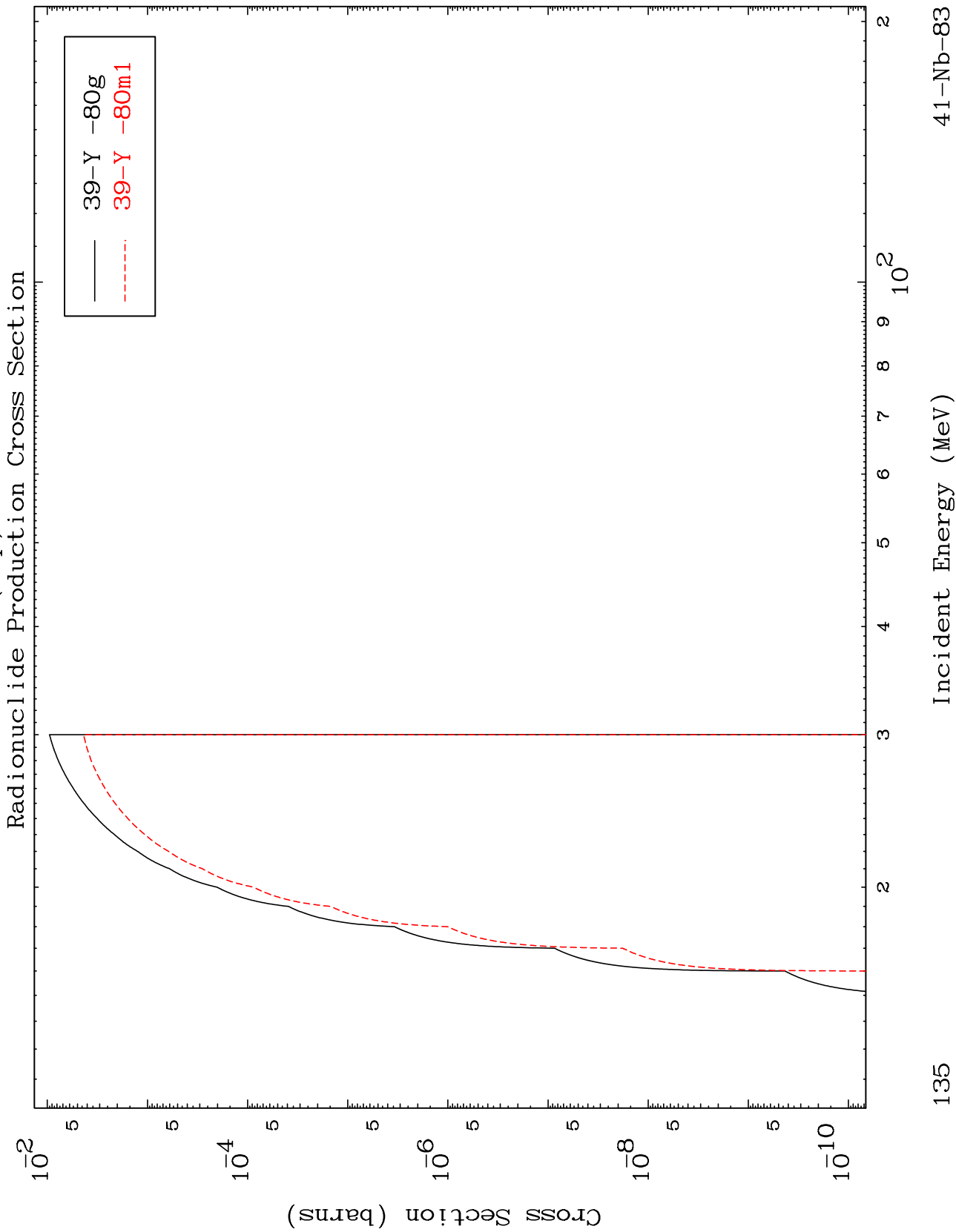


— 35-Br-72g
- - - 35-Br-72m1

MAT 4095

(n,p) t

41-Nb-83



135

41-Nb-83