

Program EVALPLOT
(Version 2015-2)

by

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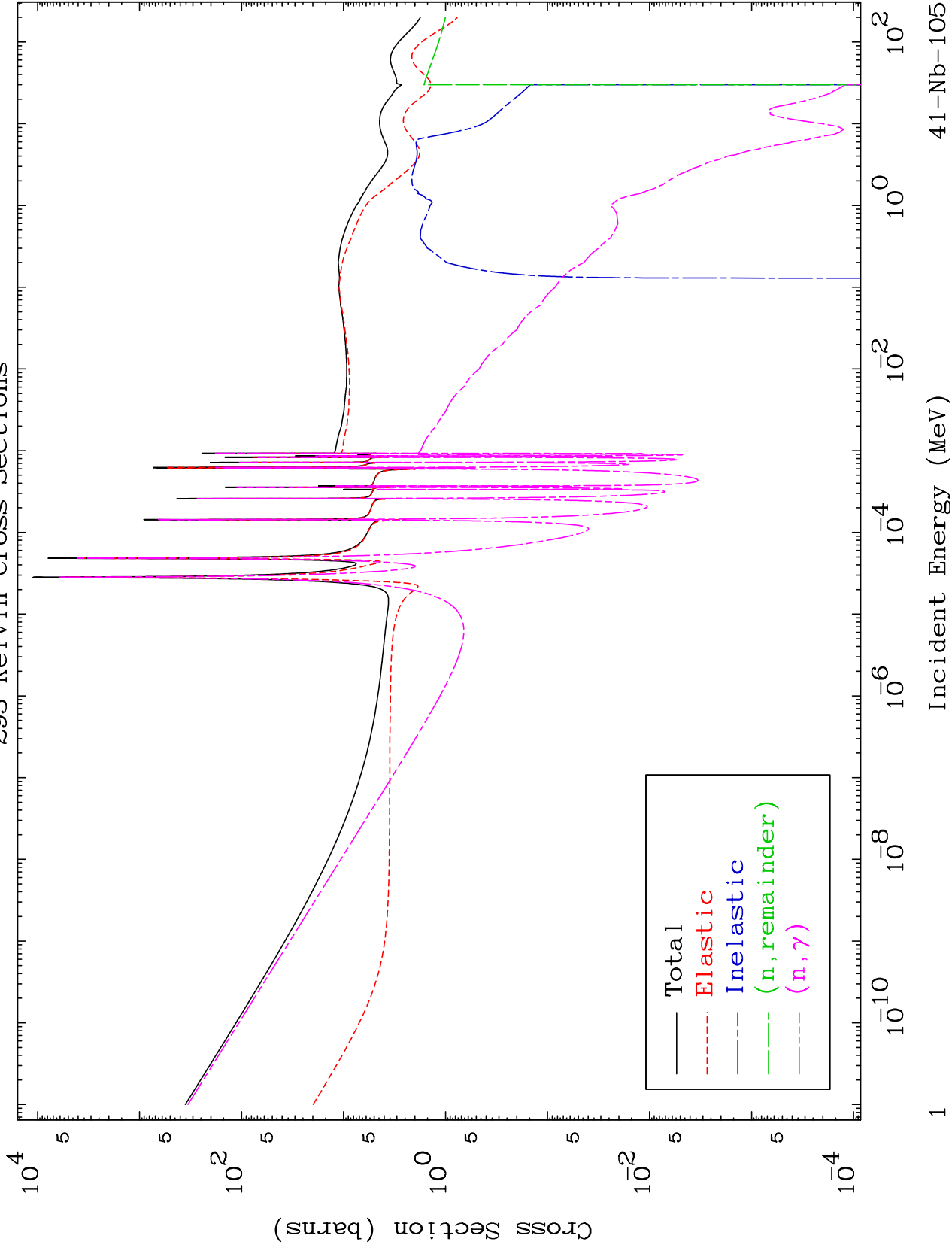
Press Mouse Button to Start

MAT 4161

Major

293 Kelvin Cross Sections

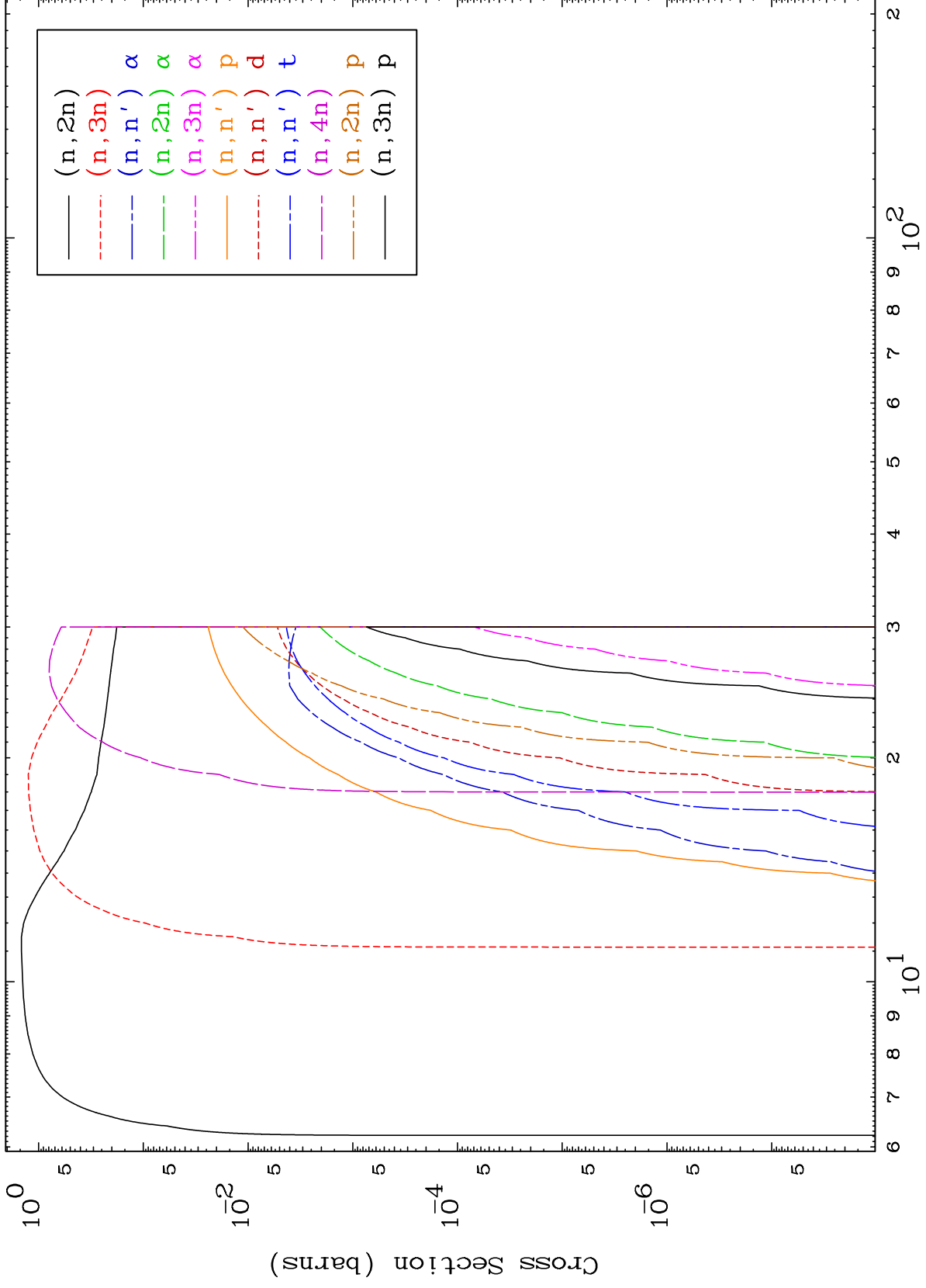
41-Nb-105



MAT 4161

Neutron Production
293 Kelvin Cross Sections

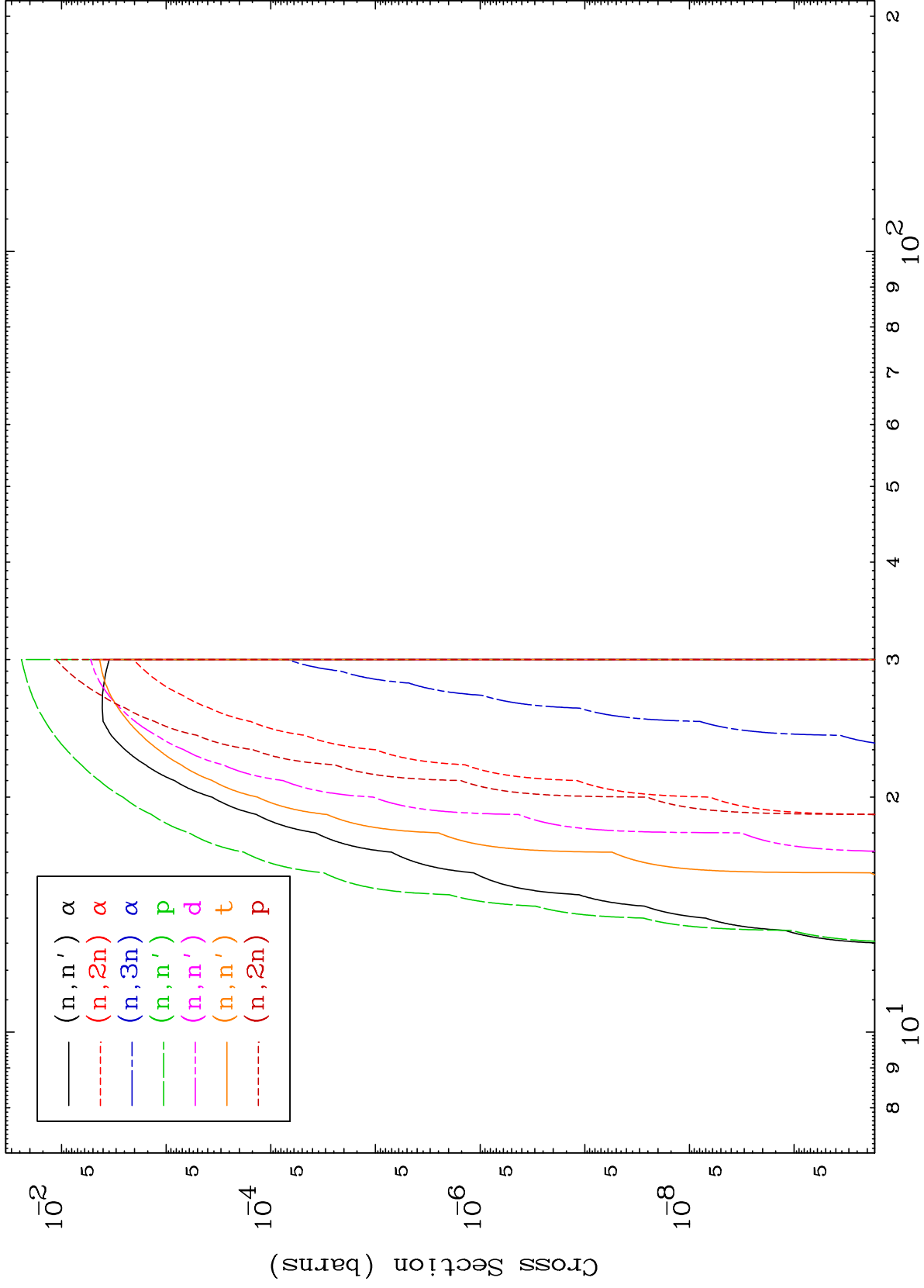
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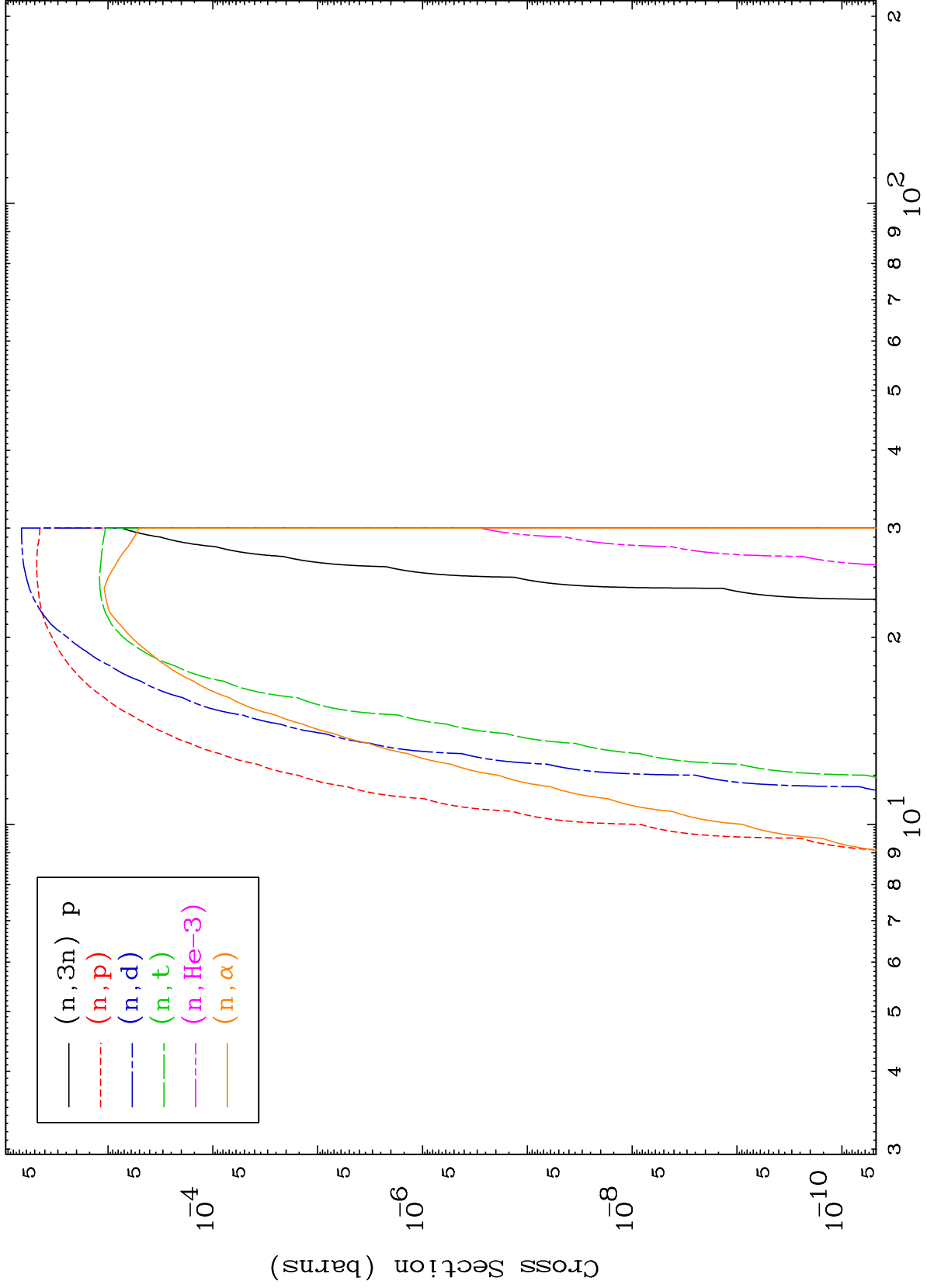


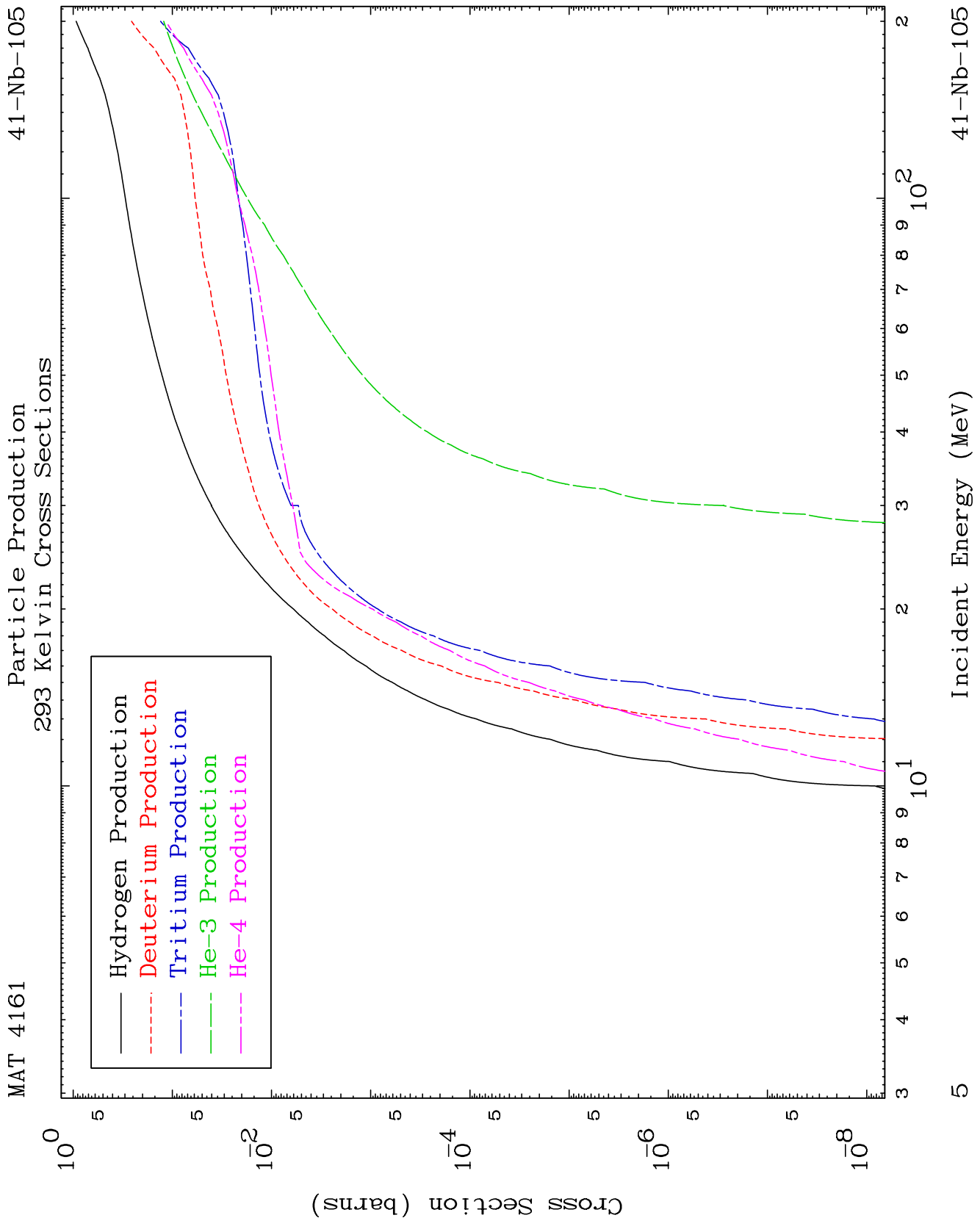
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Incident Energy (MeV)

41-Nb-105



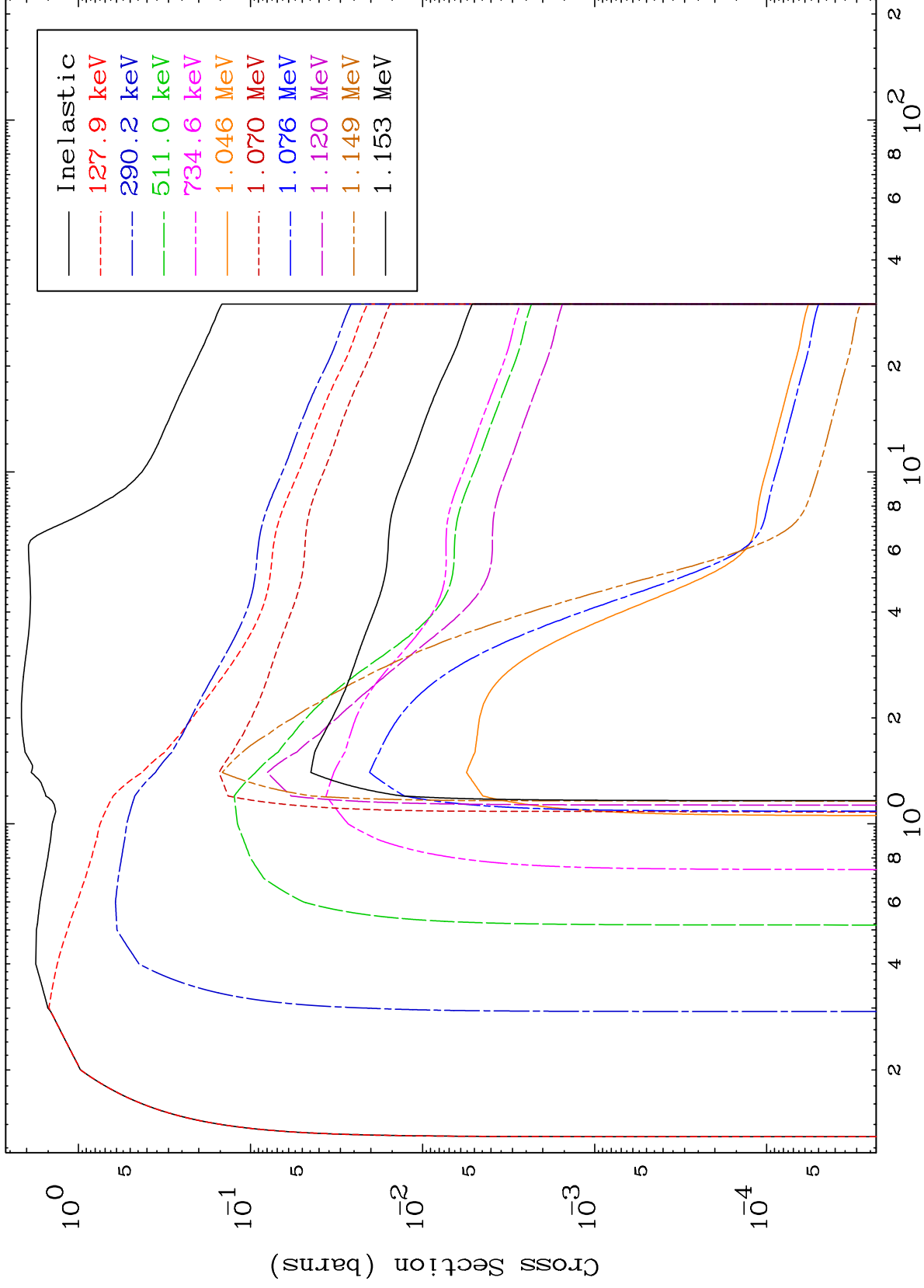




MAT 4161

(n,n') Level
293 Kelvin Cross Sections

41-Nb-105



6

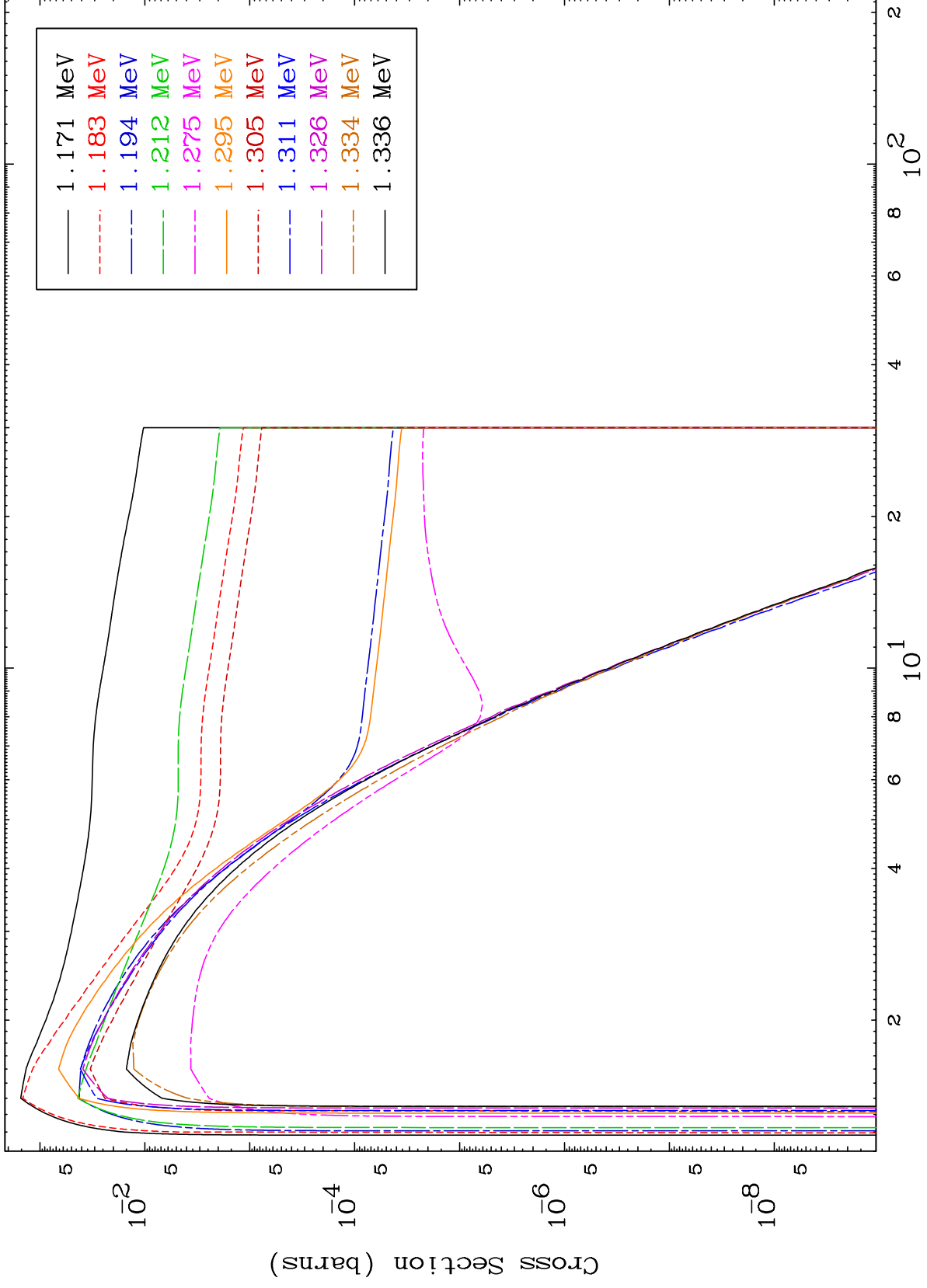
Incident Energy (MeV)

41-Nb-105

MAT 4161

(n,n') Level
293 Kelvin Cross Sections

41-Nb-105



7

Incident Energy (MeV)

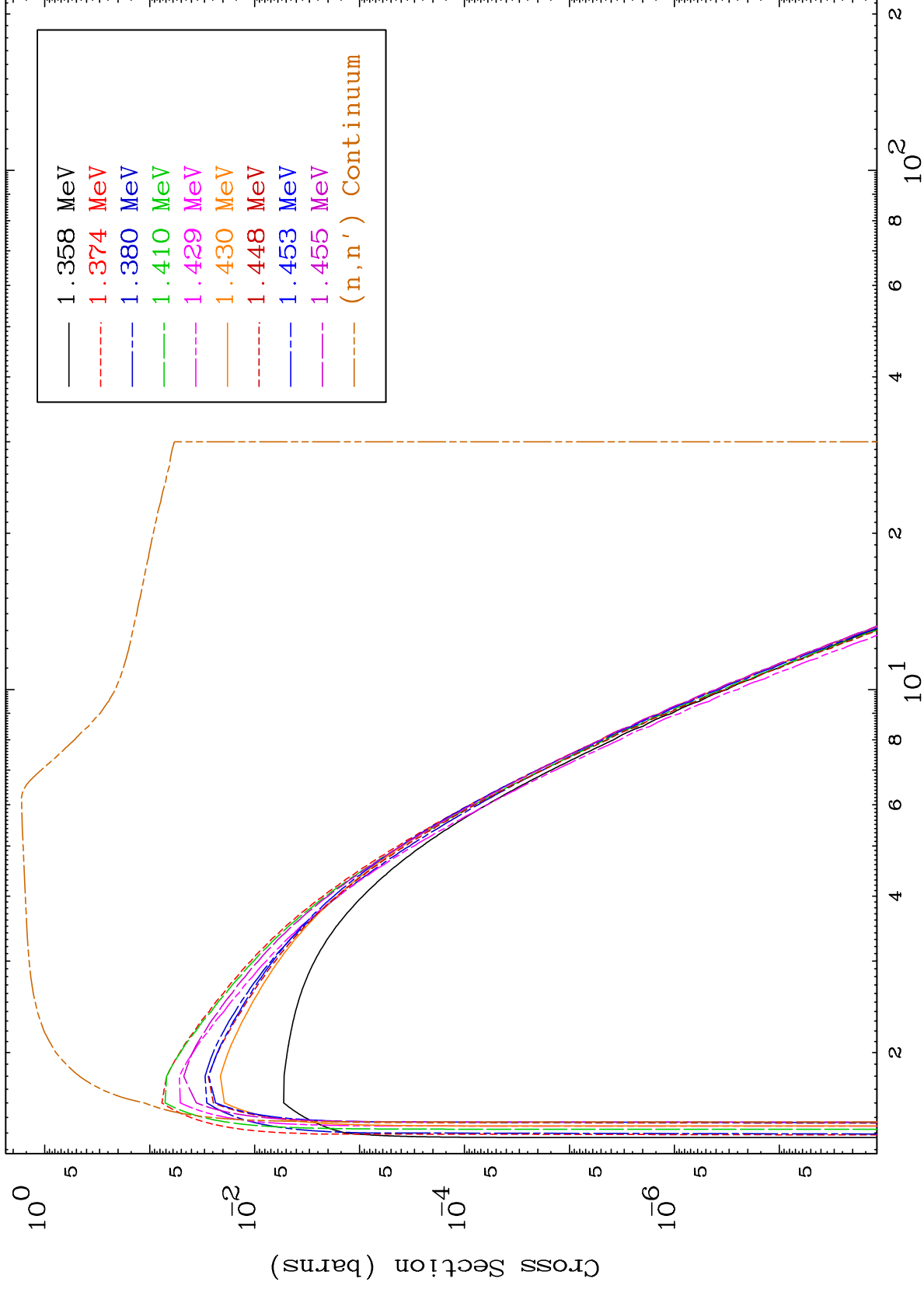
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MAT 4161

(n,n') Level

41-Nb-105

293 Kelvin Cross Sections



8

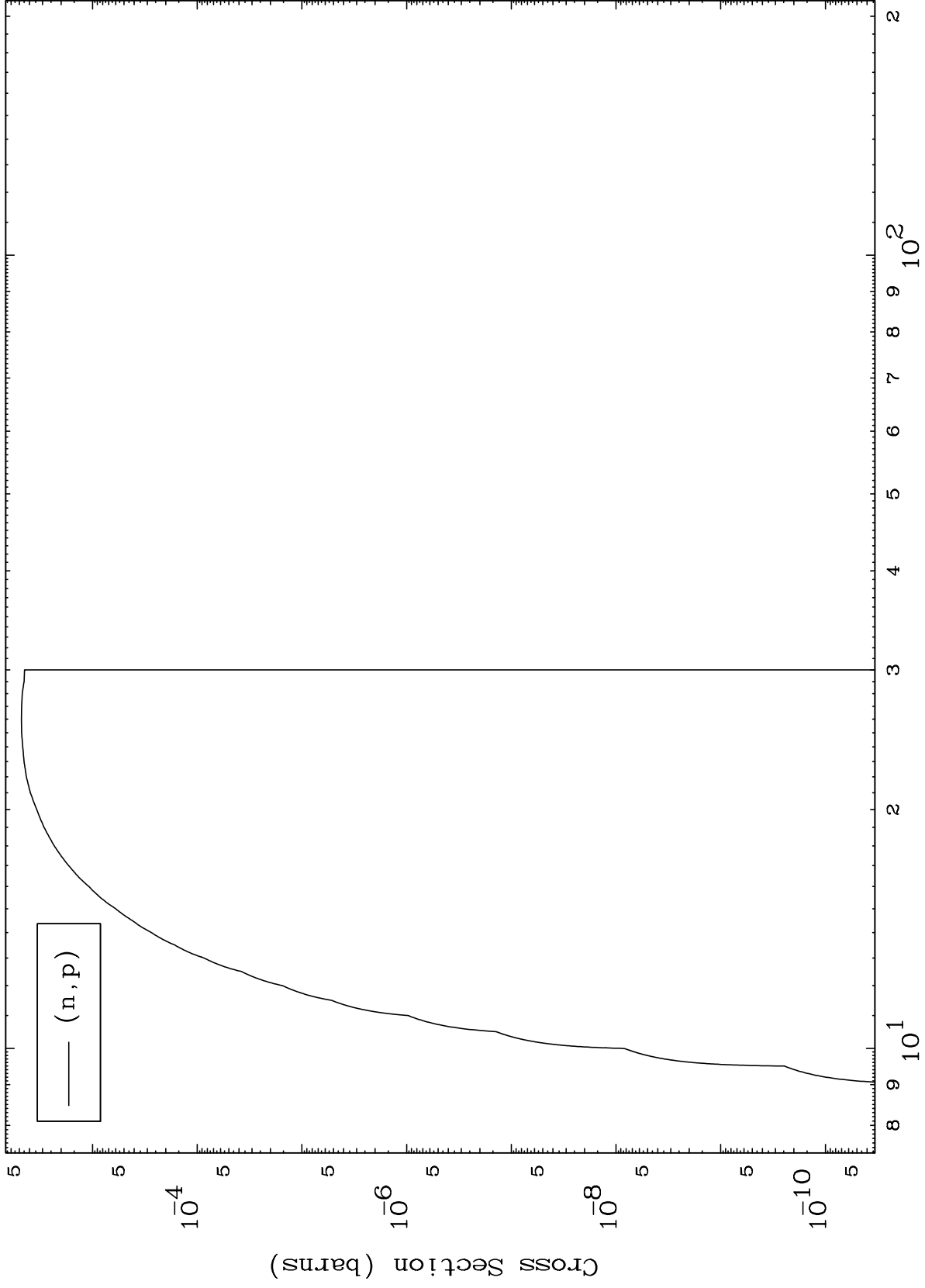
Incident Energy (MeV)

41-Nb-105

MAT 4161

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-105



9

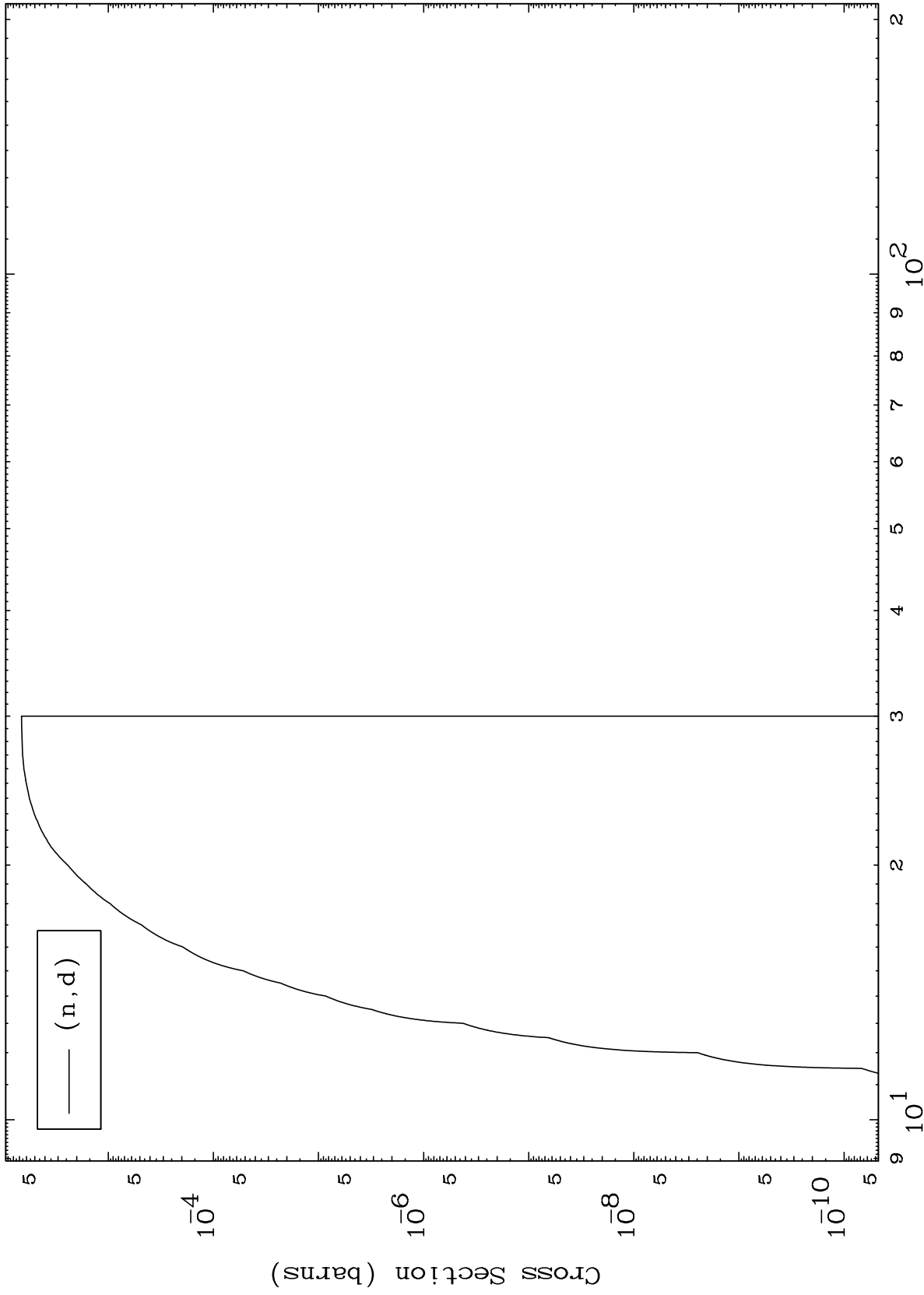
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41-Nb-105

MAT 4161

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-105



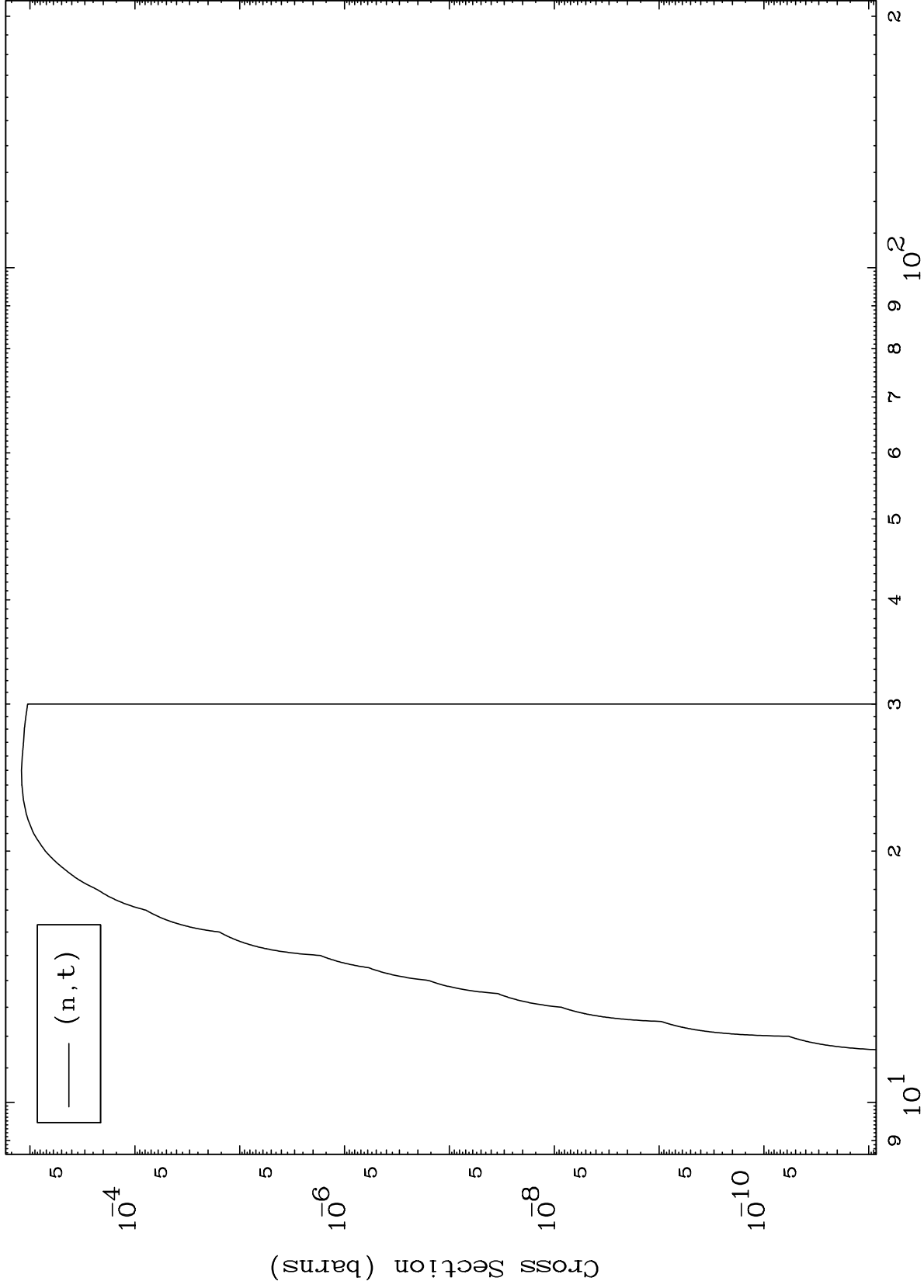
Incident Energy (MeV)

41-Nb-105

MAT 4161

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-105



11

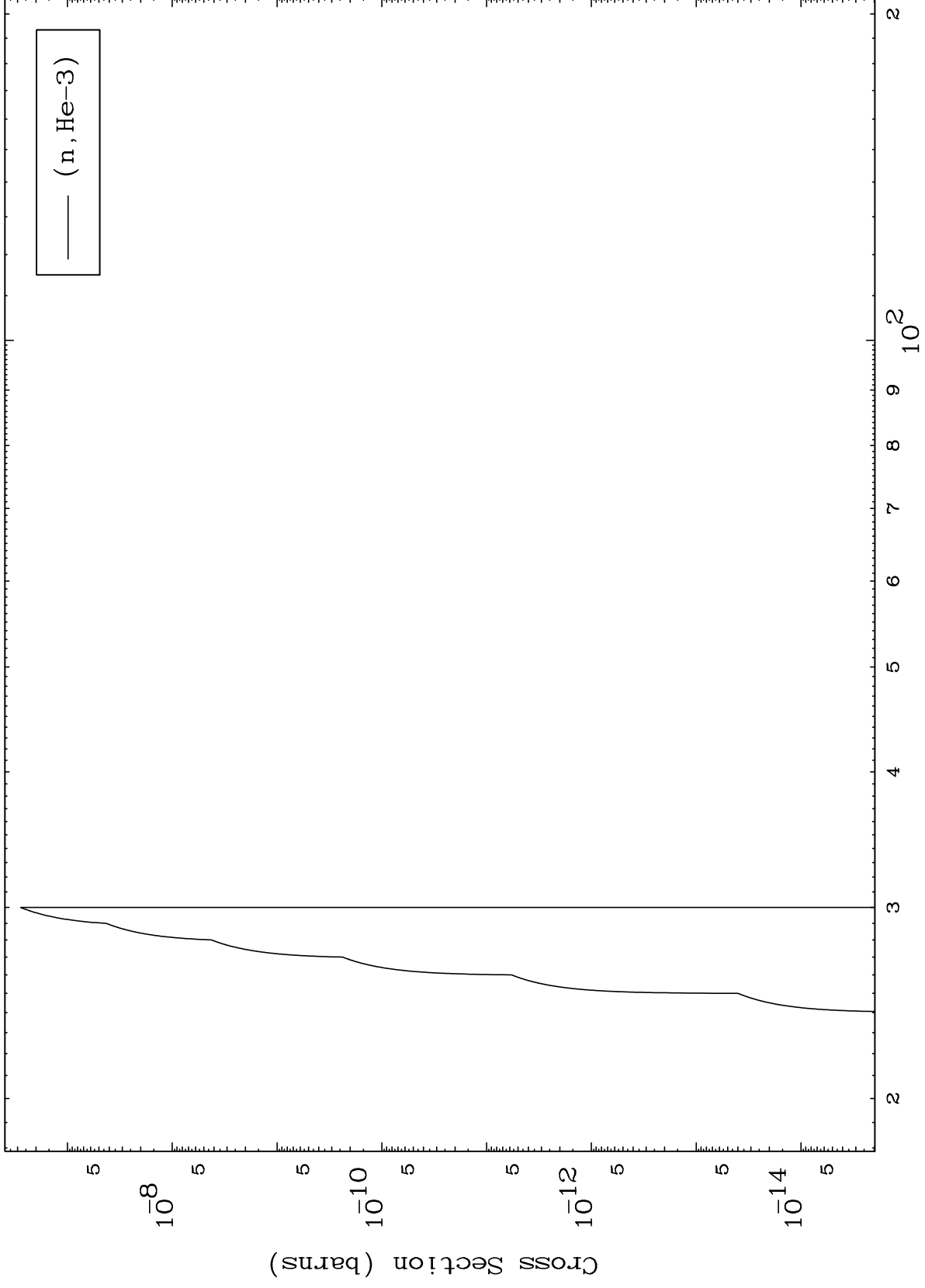
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41-Nb-105

MAT 4161

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-105



12

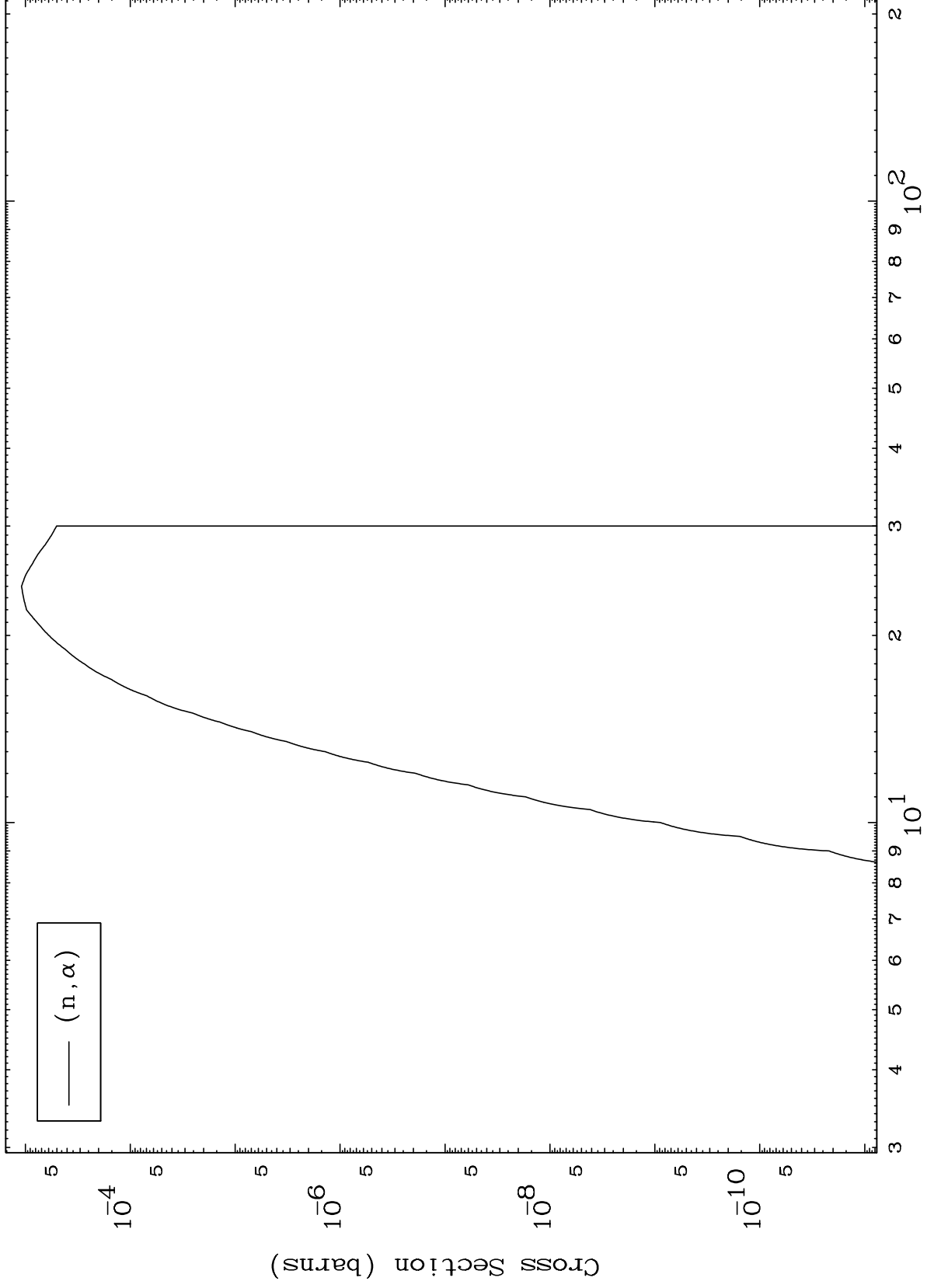
Incident Energy (MeV)

41-Nb-105

MAT 4161

(n, α) Levels
293 Kelvin Cross Sections

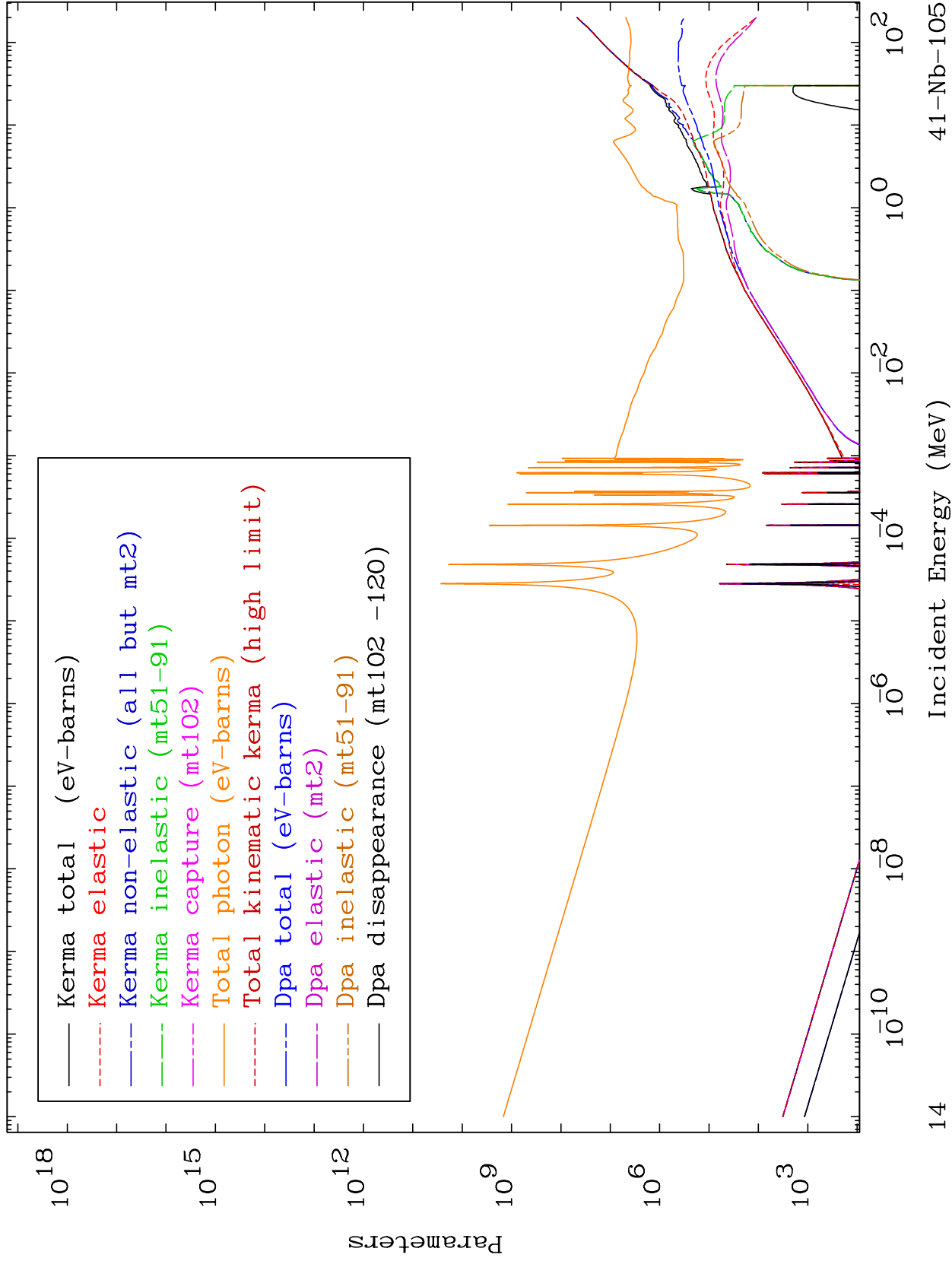
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13

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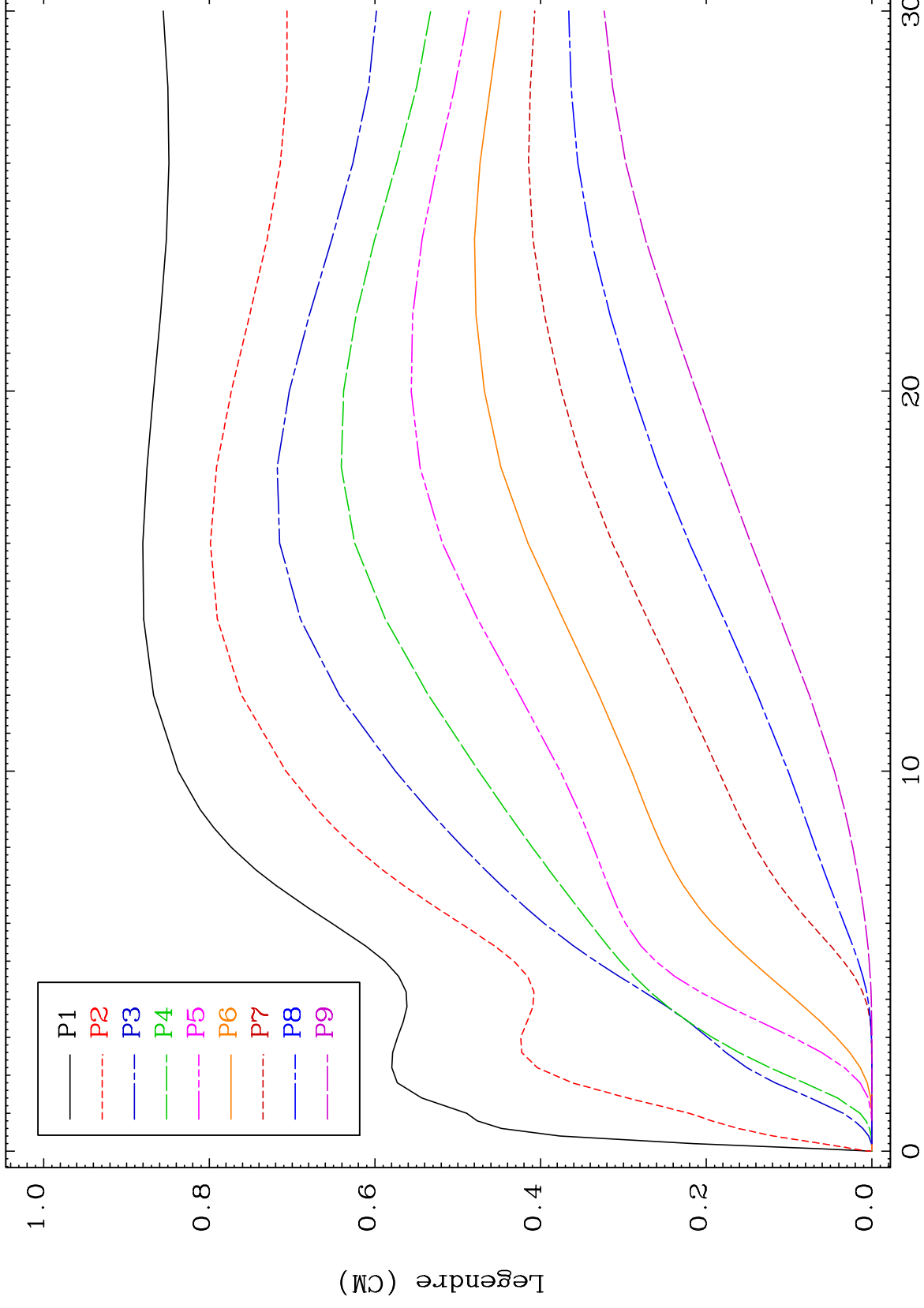
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Elastic Legendre Coefficients

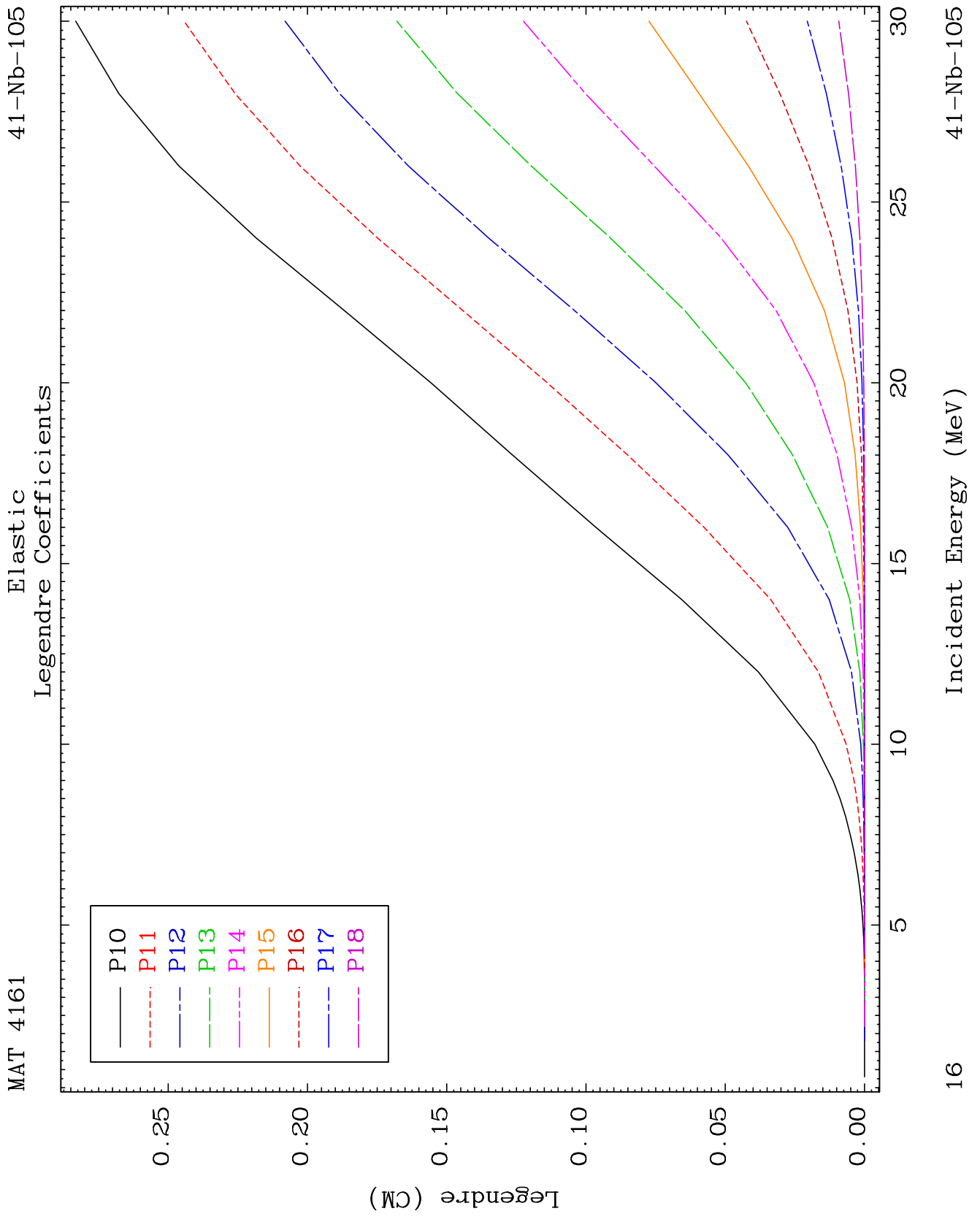
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15

Incident Energy (MeV)

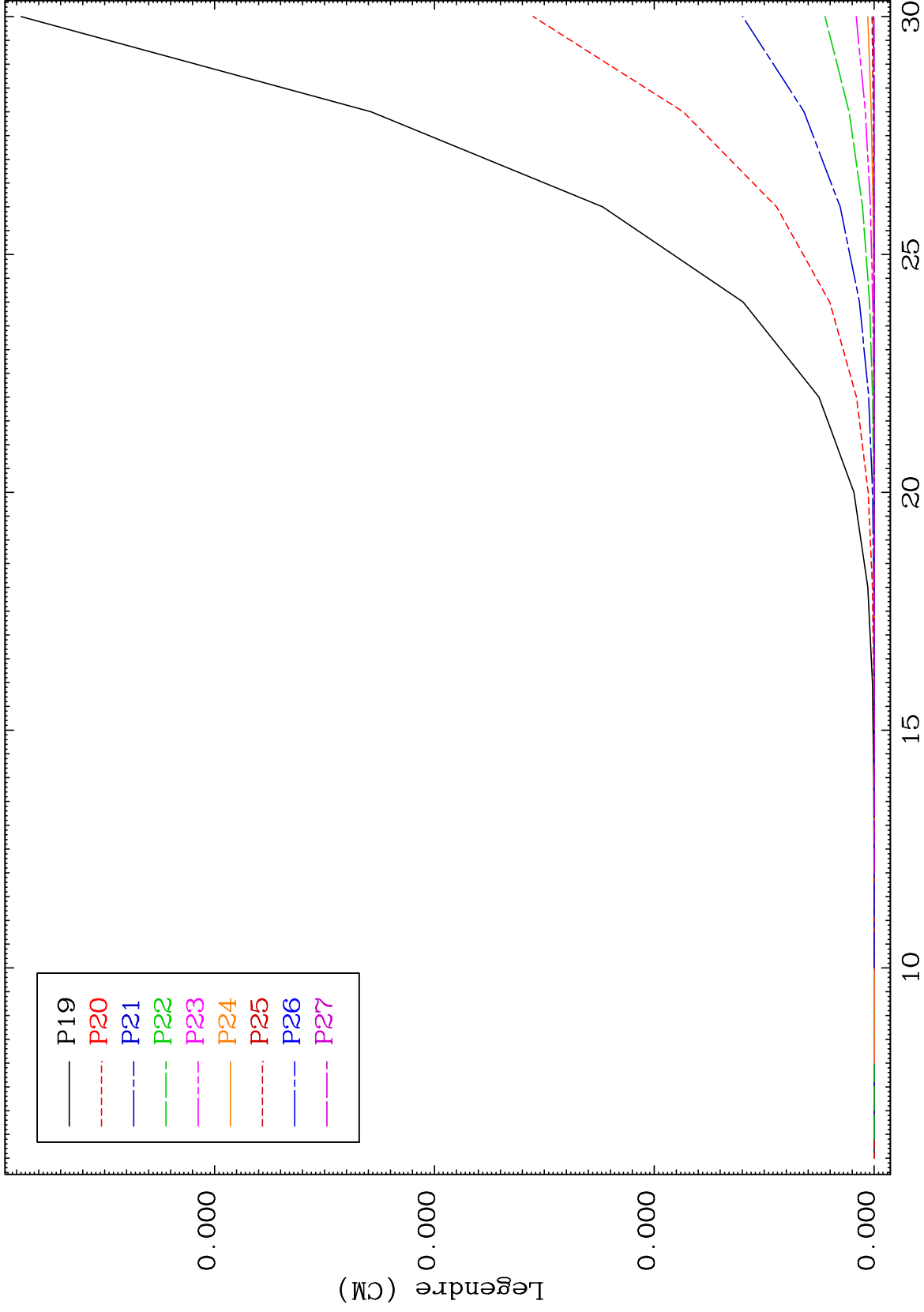
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MAT 4161

Elastic Legendre Coefficients

41-Nb-105



17

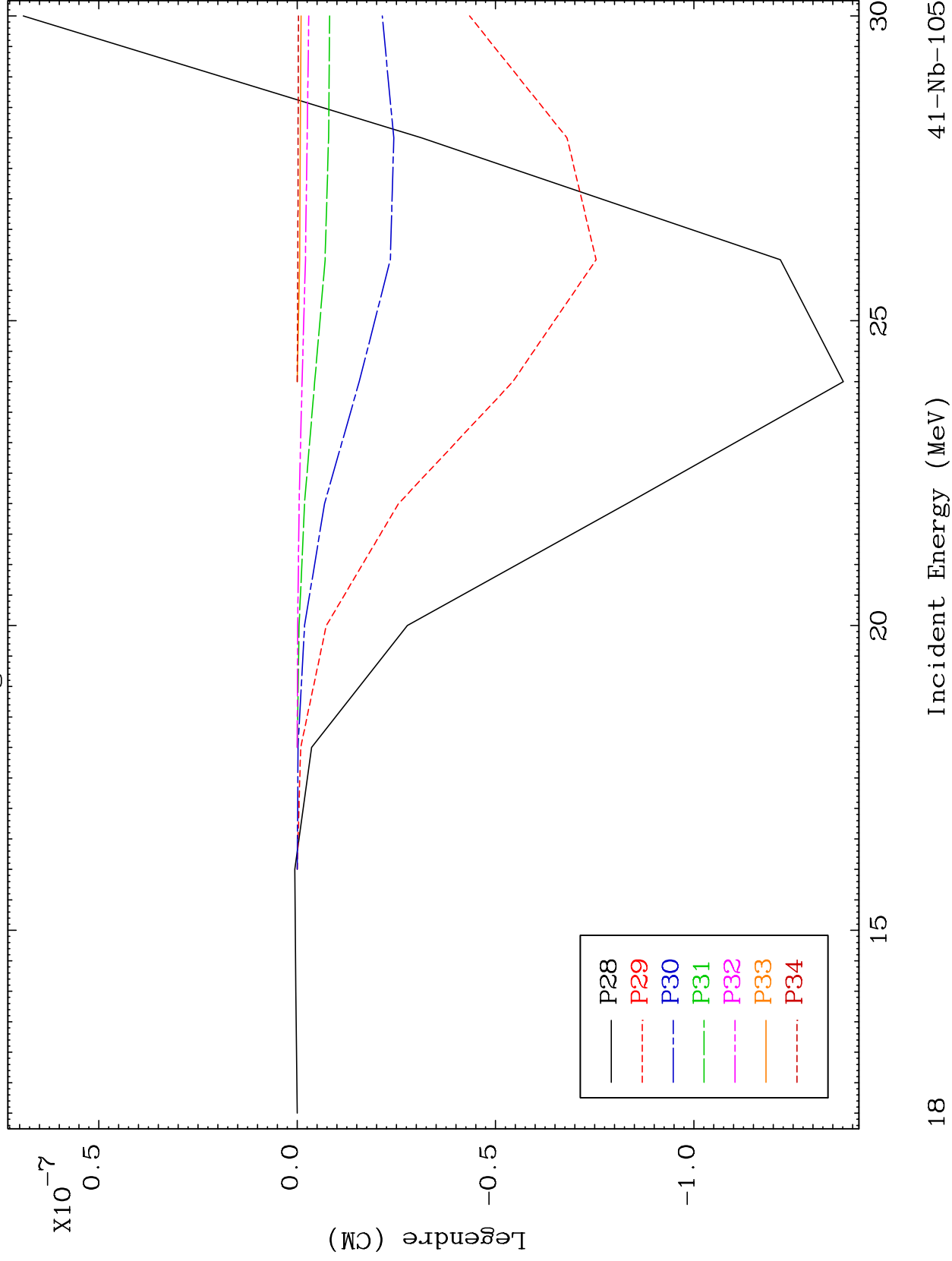
Incident Energy (MeV)

41-Nb-105

MAT 4161

Elastic Legendre Coefficients

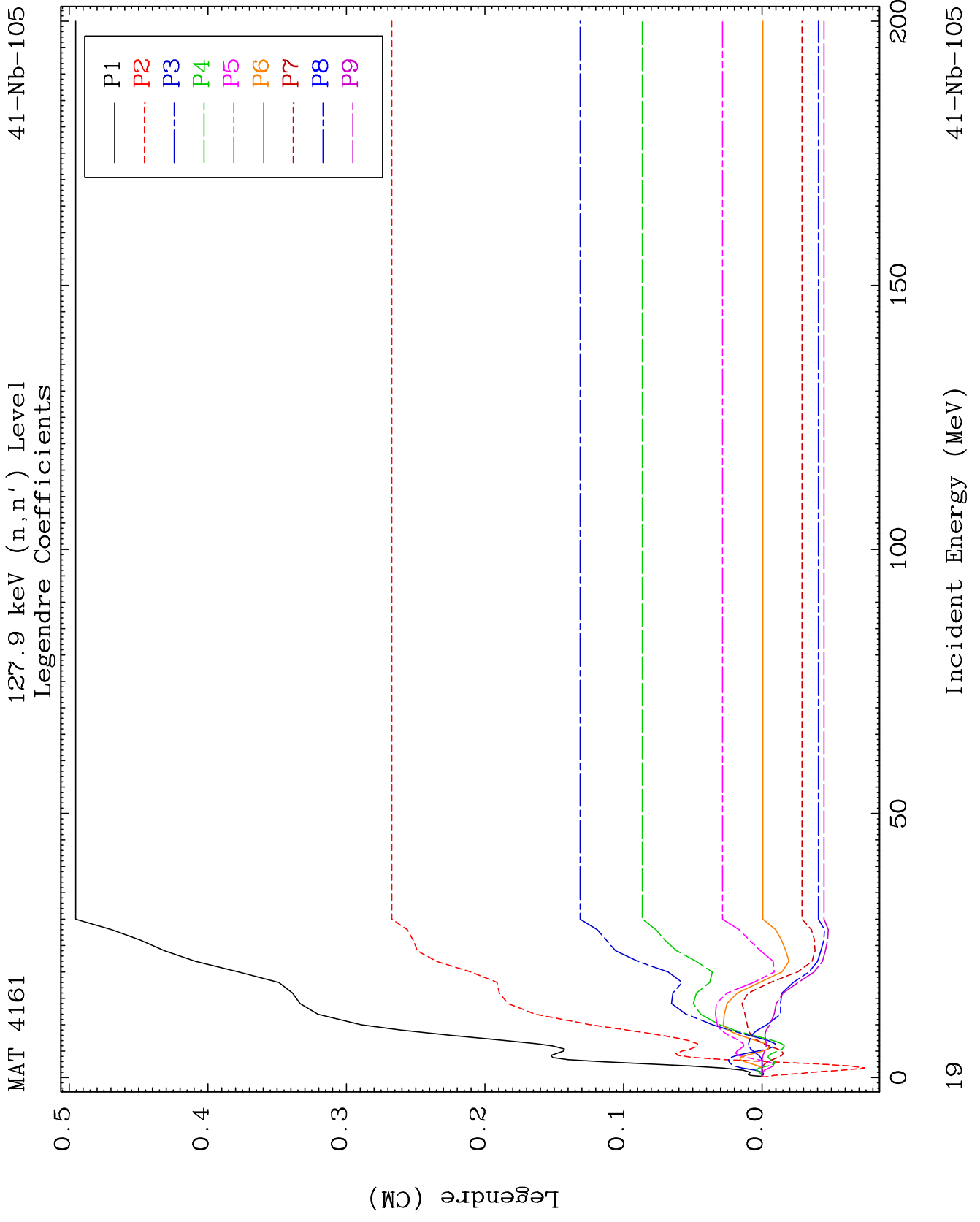
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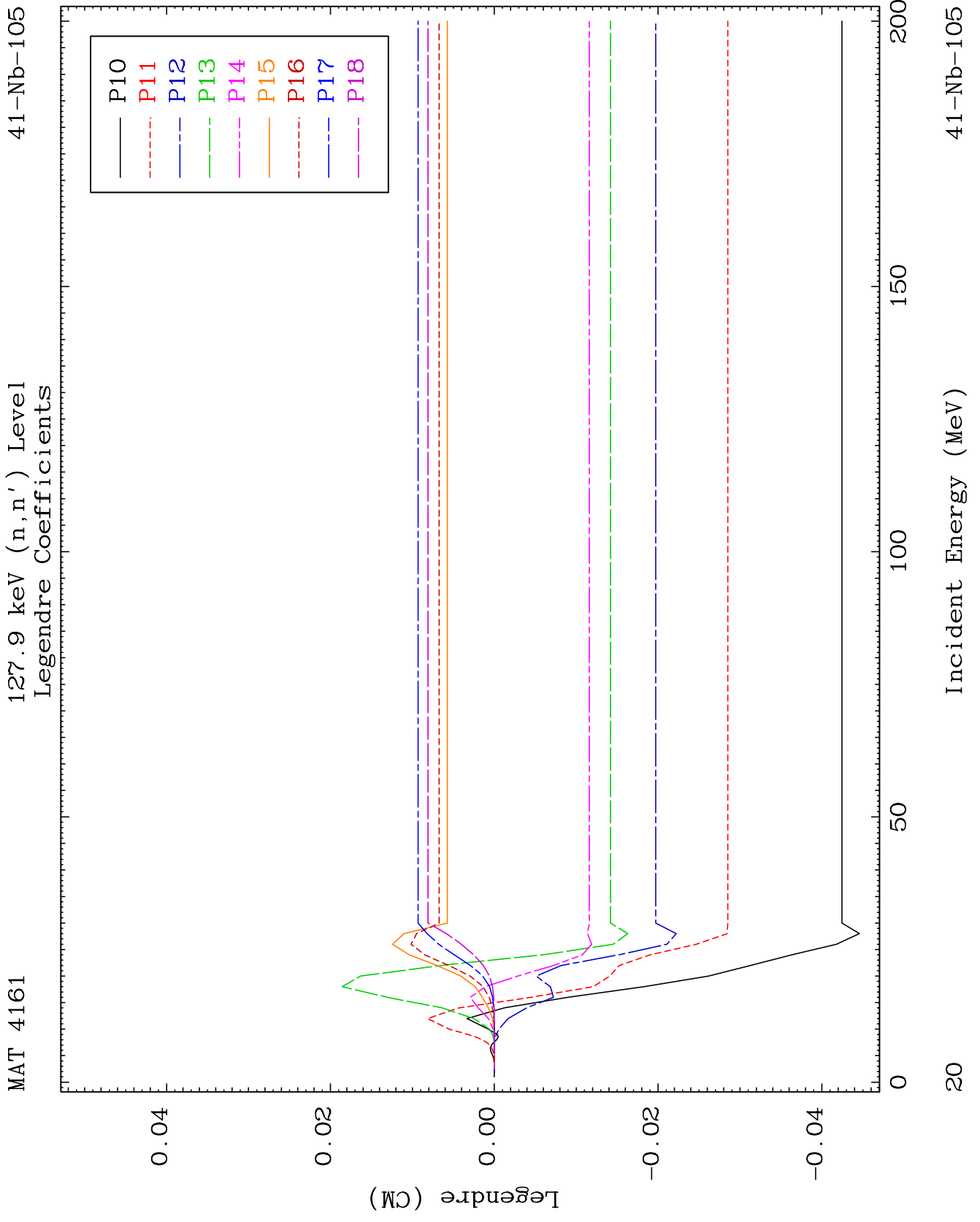


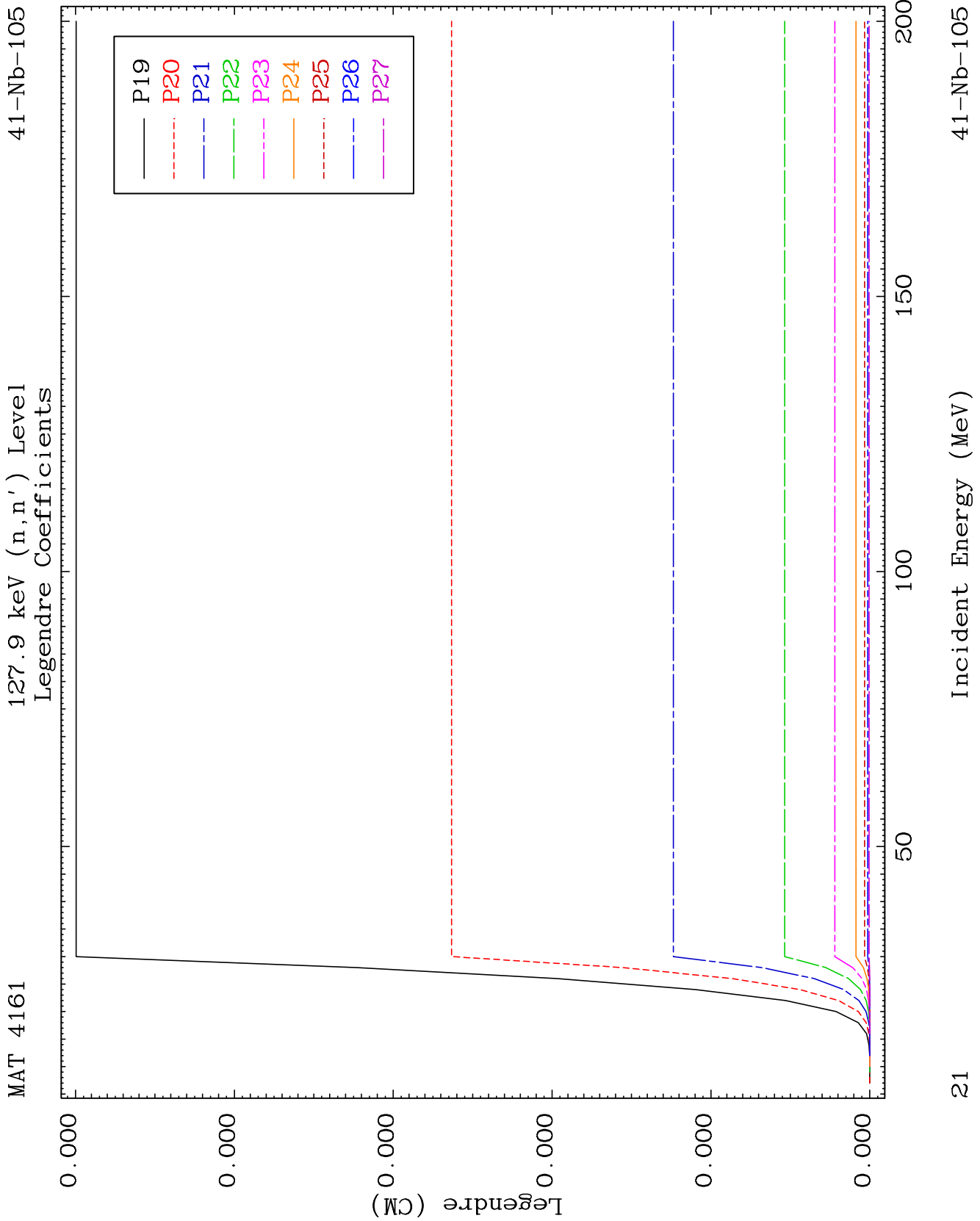
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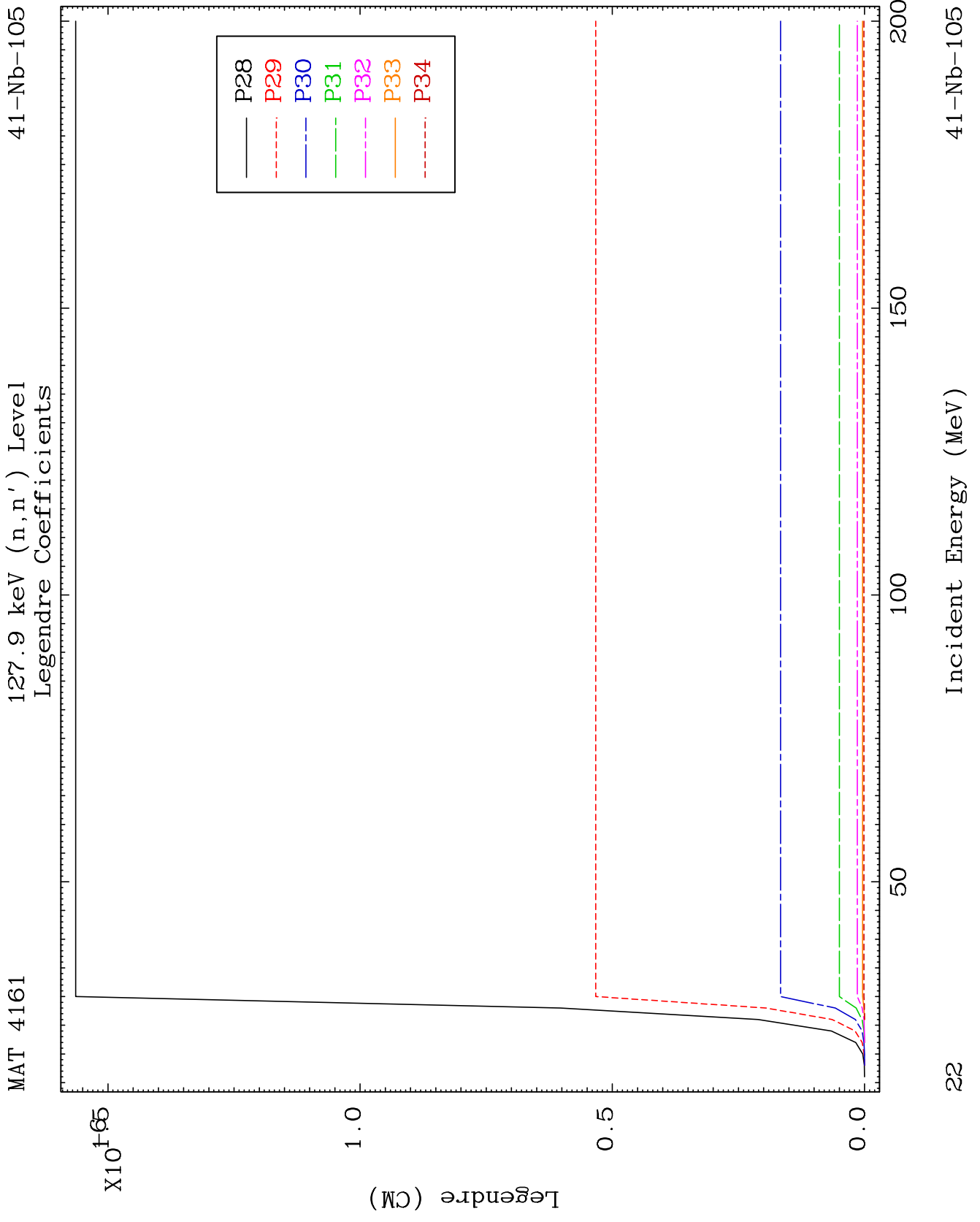
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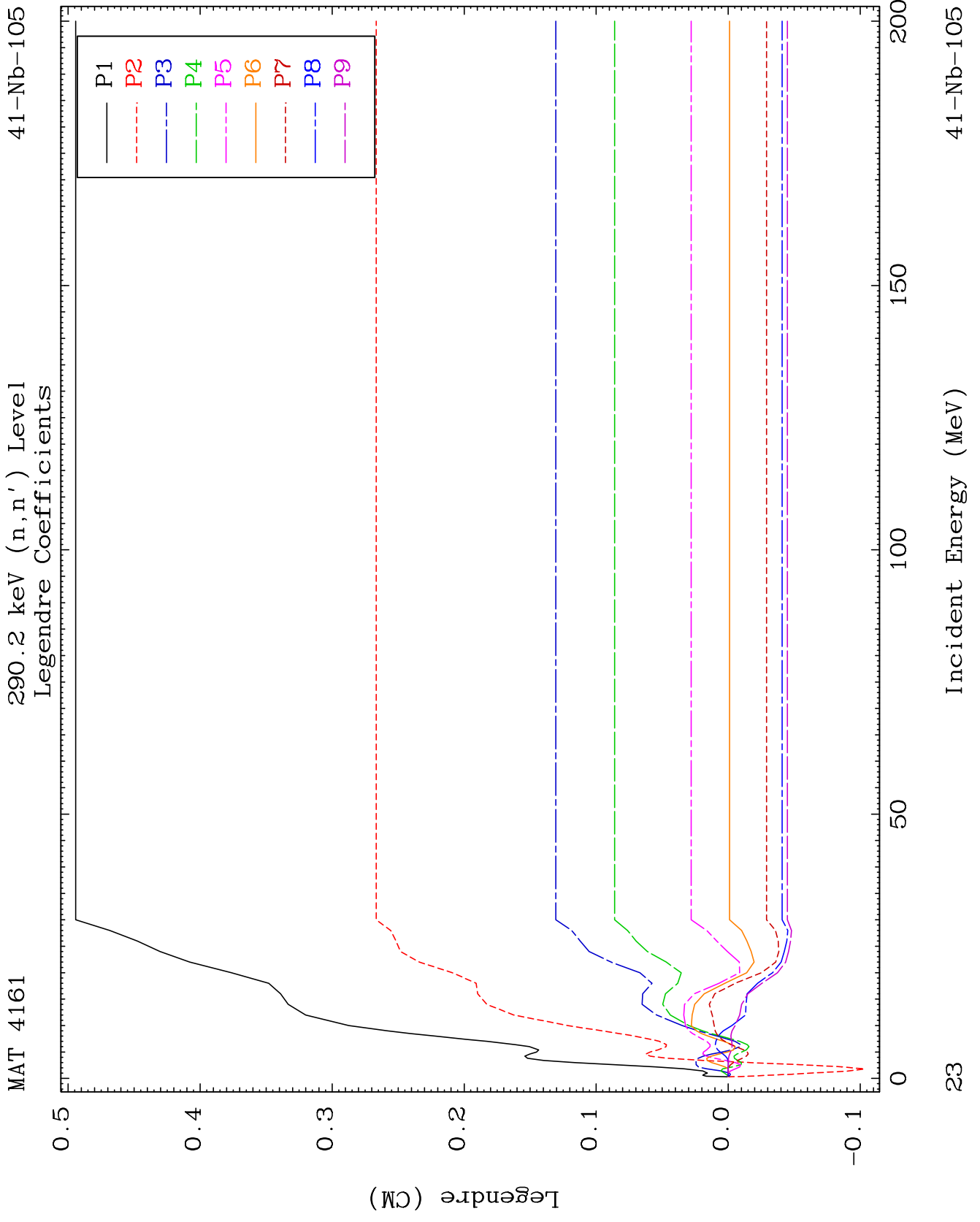
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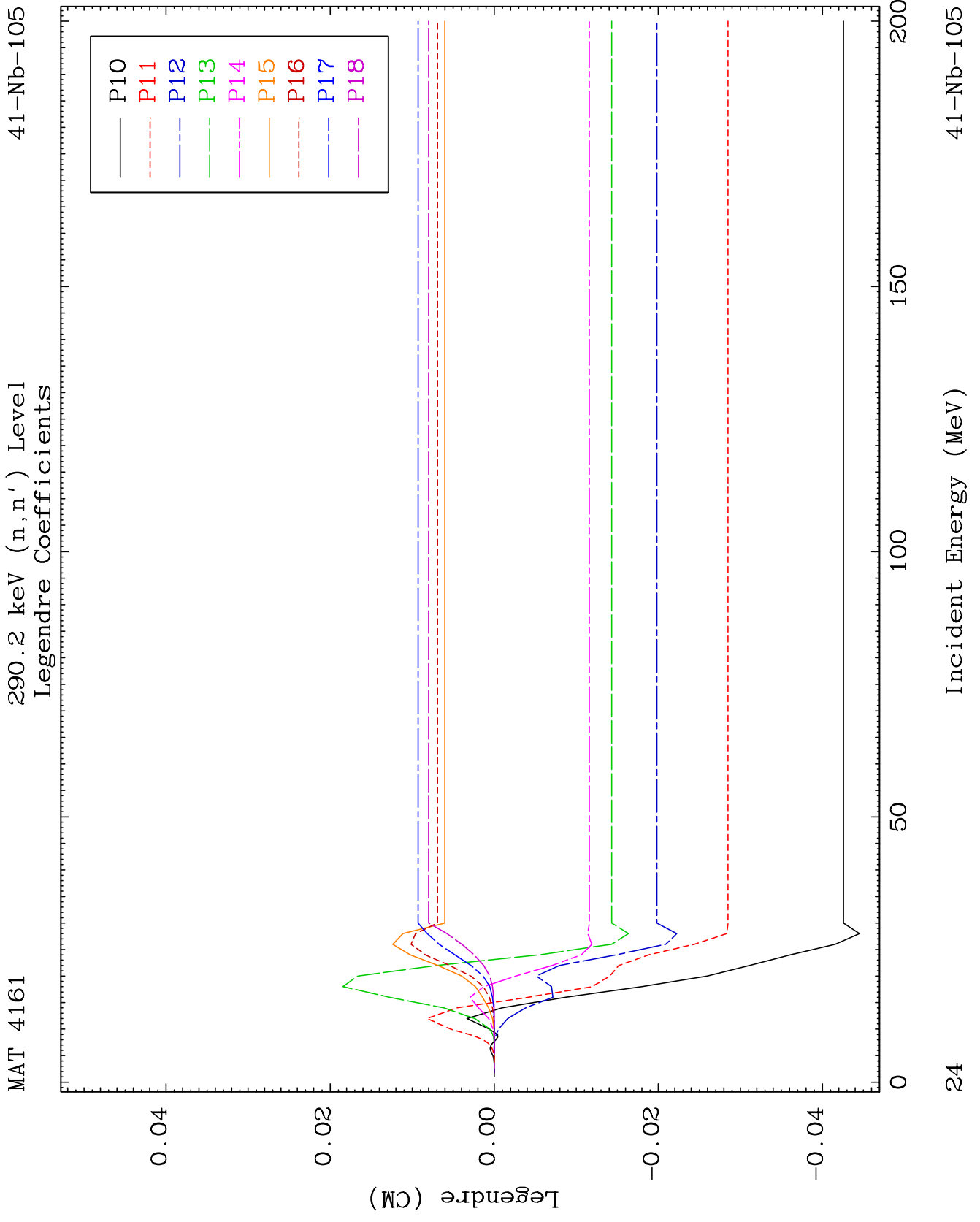


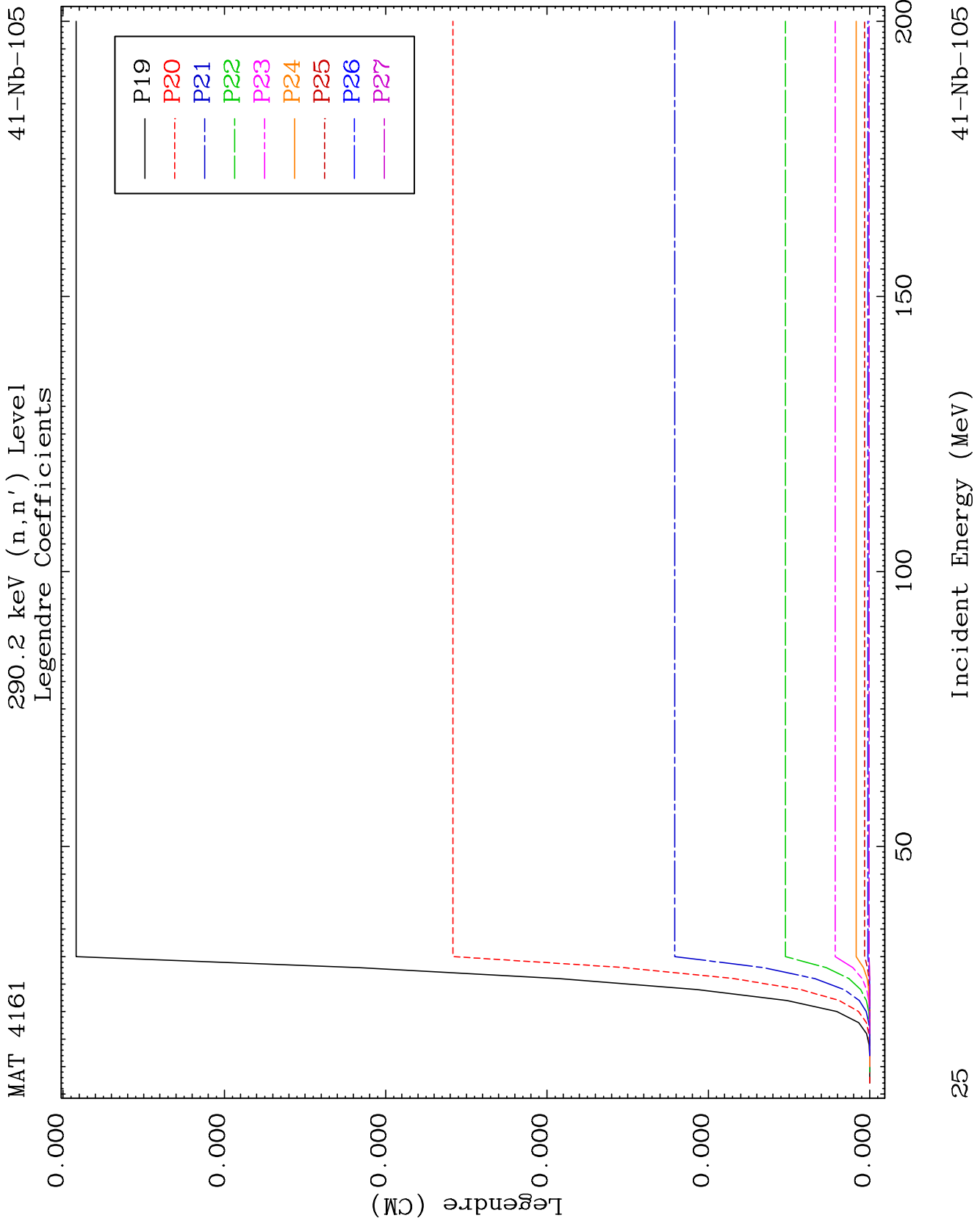


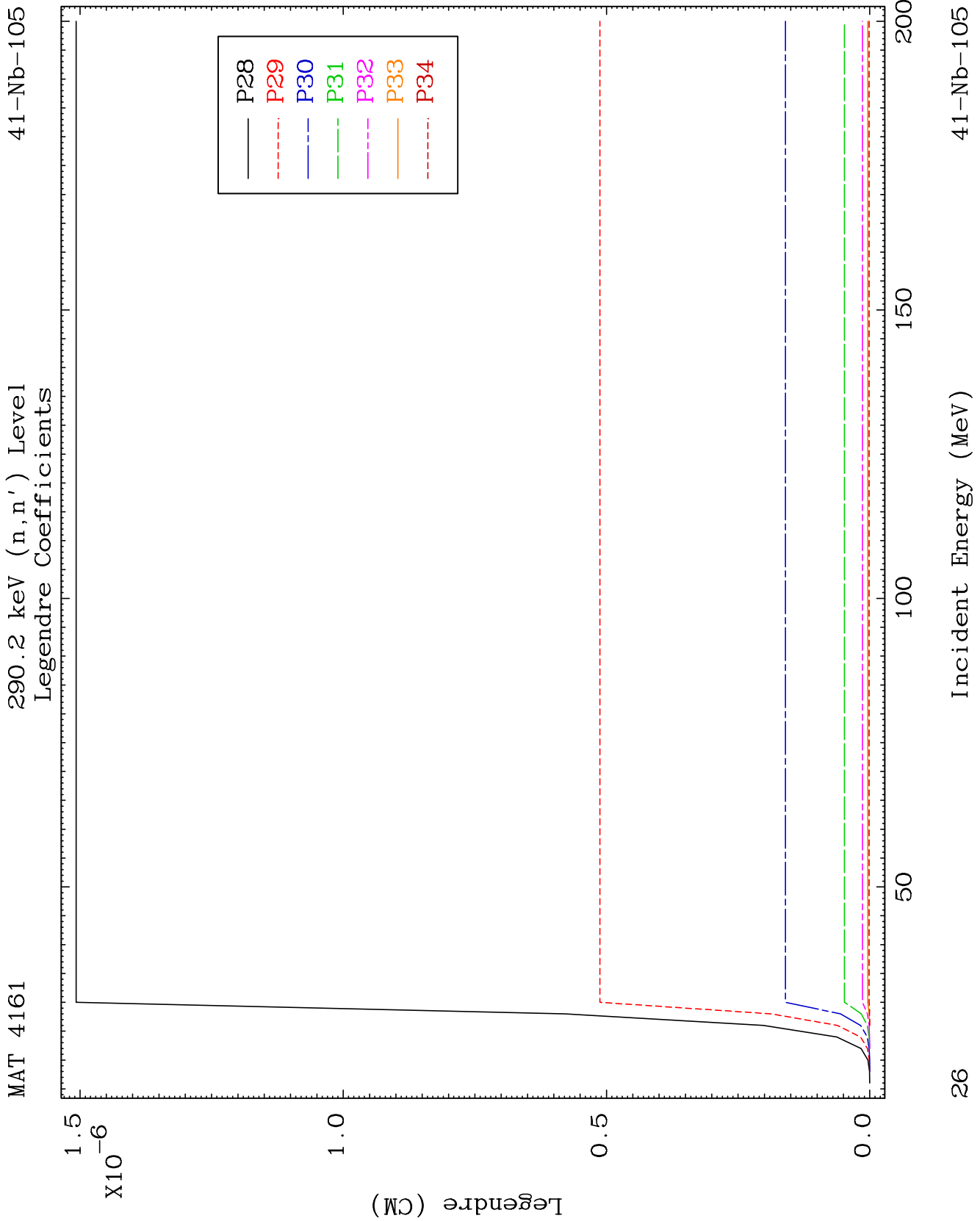








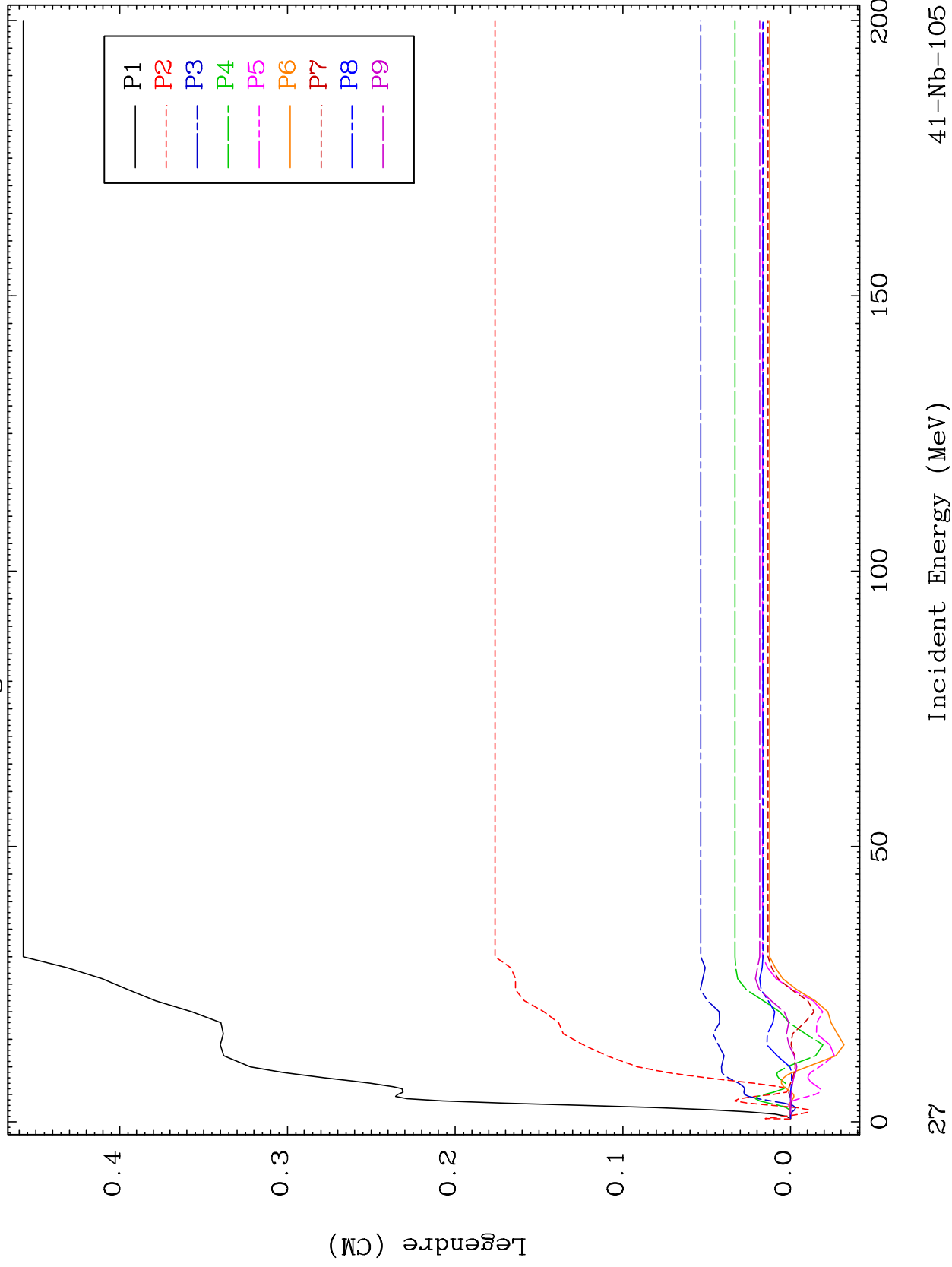




MAT 4161

511.0 keV (n,n') Level
Legendre Coefficients

41-Nb-105



27

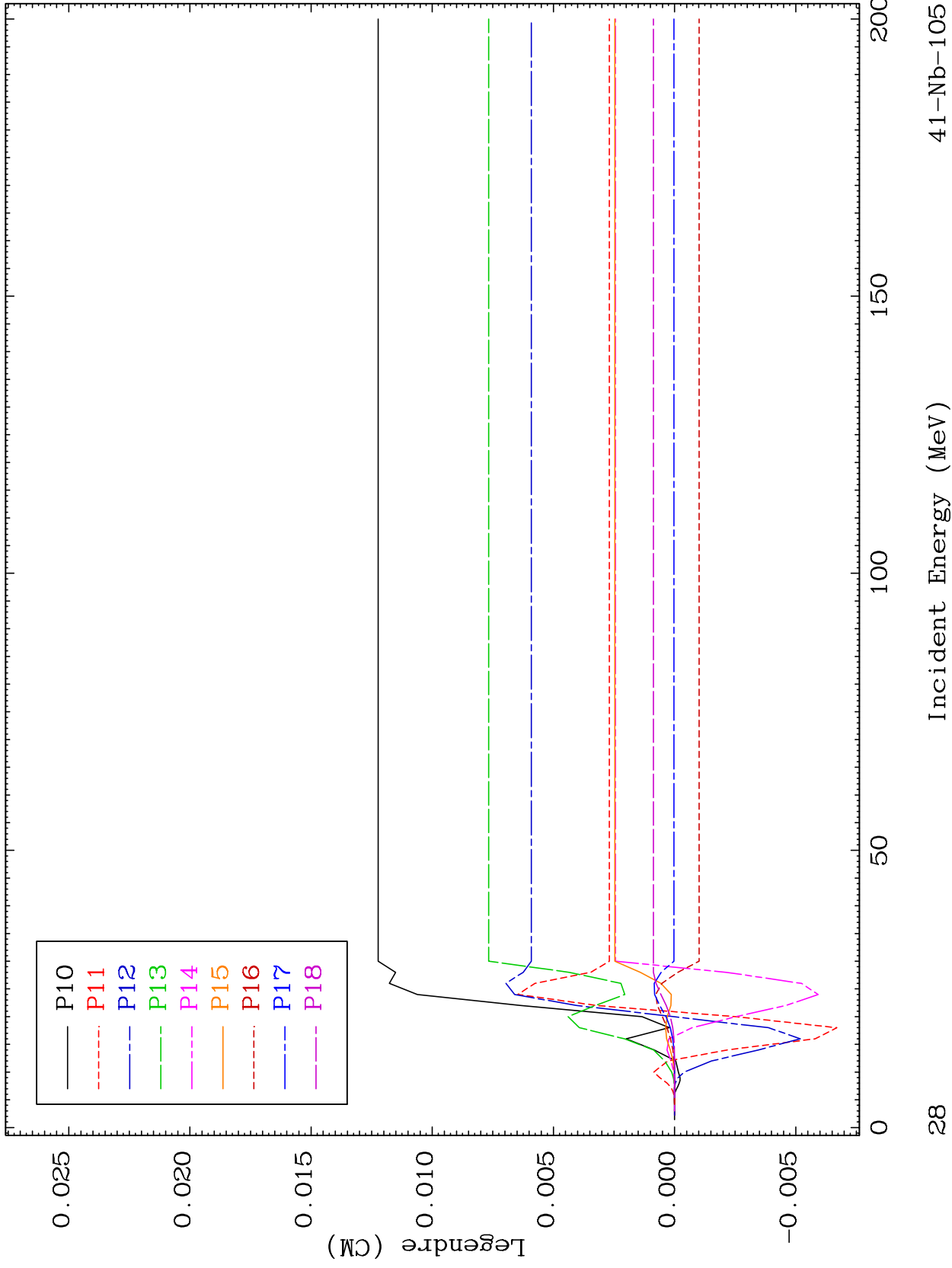
Incident Energy (MeV)

41-Nb-105

MAT 4161

511.0 keV (n,n') Level
Legendre Coefficients

41-Nb-105



28

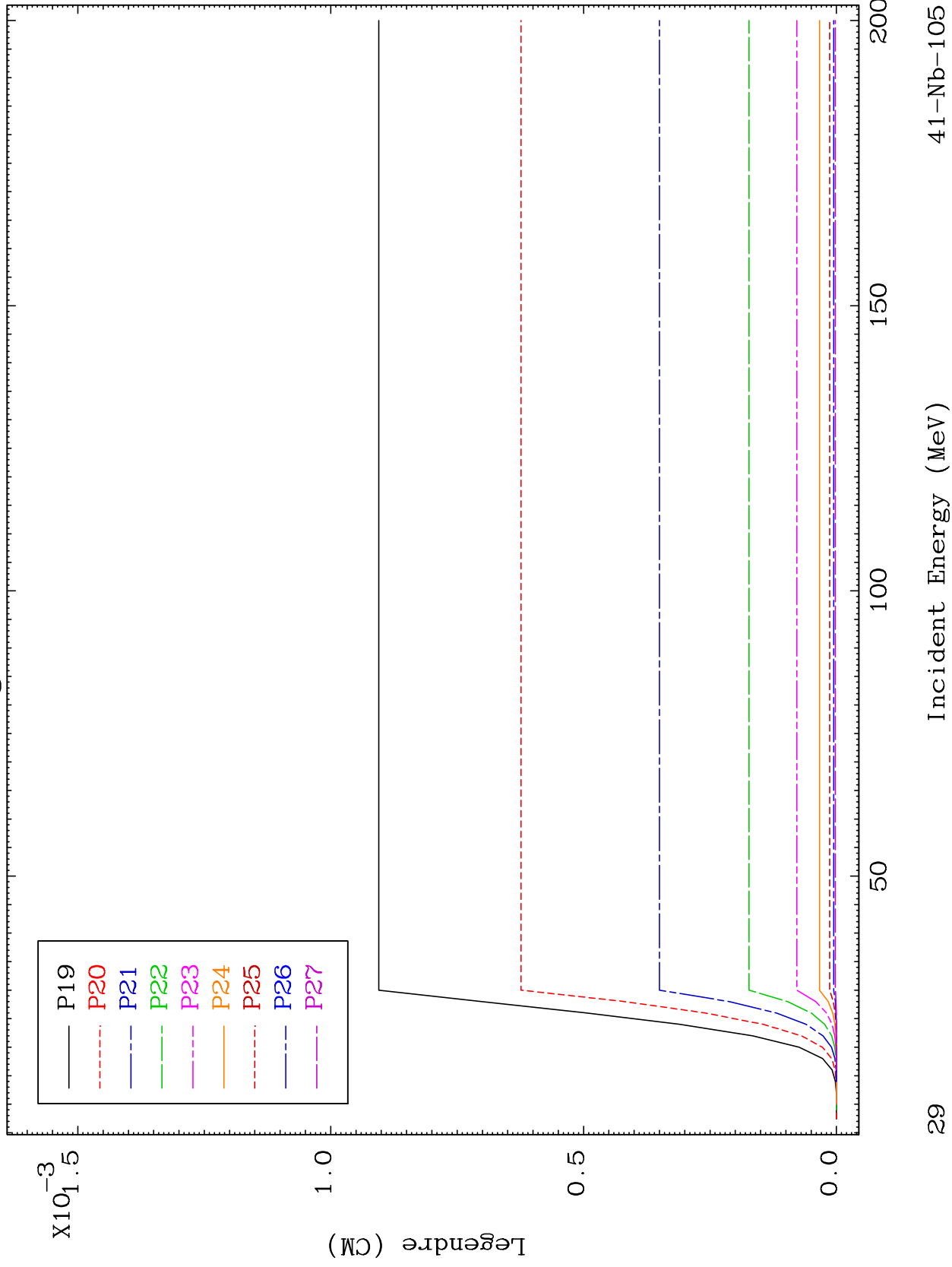
Incident Energy (MeV)

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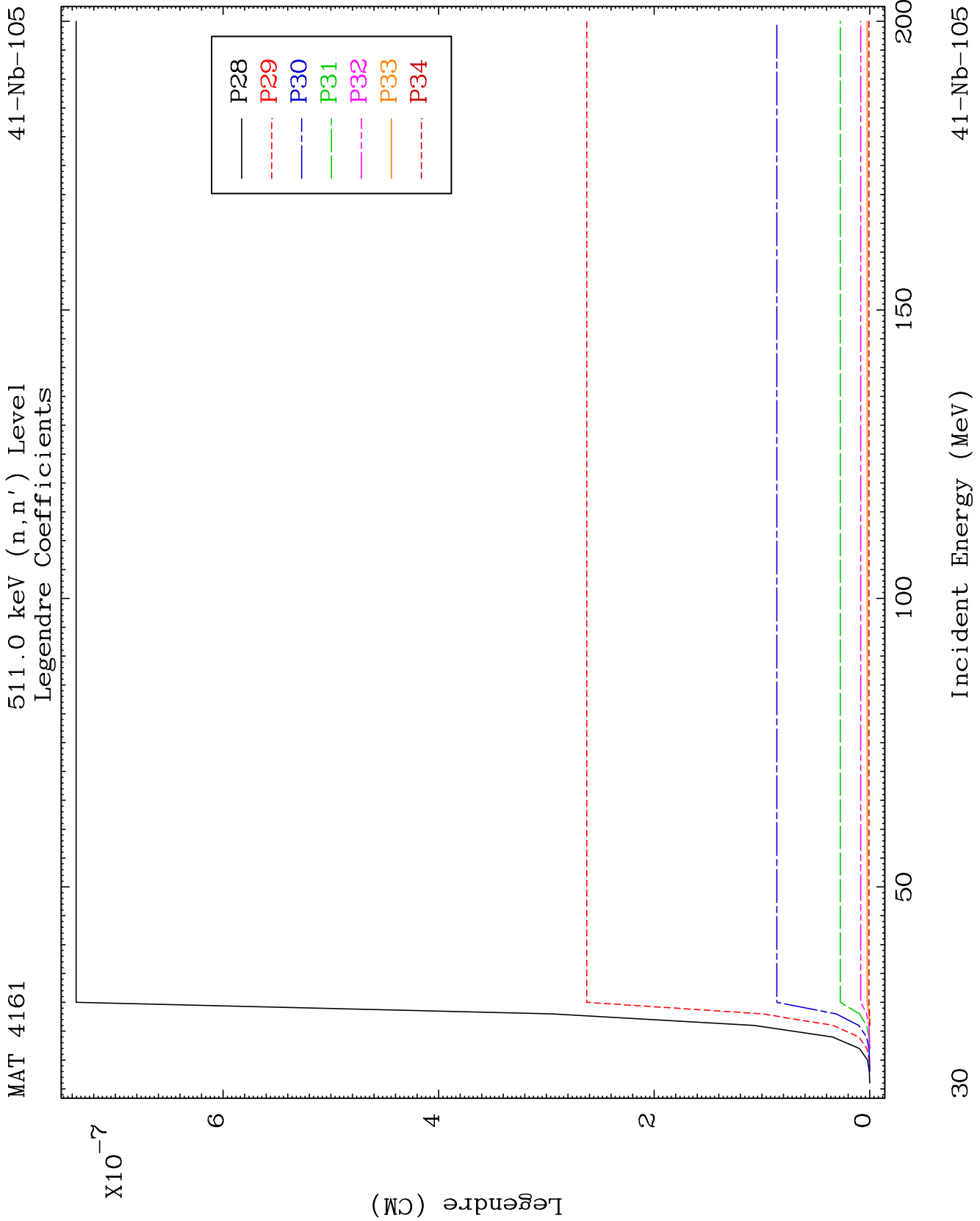
MAT 4161

511.0 keV (n, n') Level
Legendre Coefficients

41-Nb-105



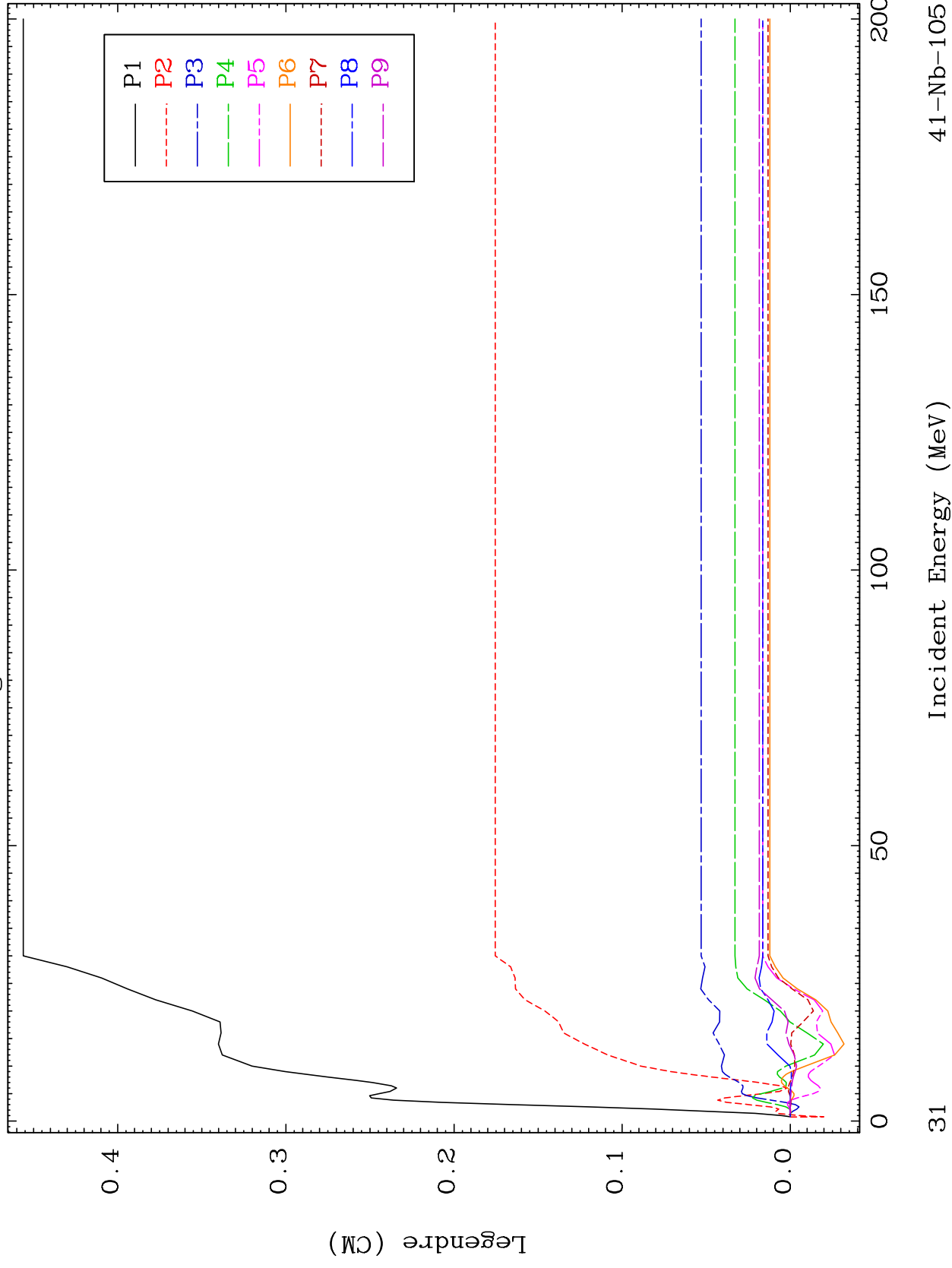
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734.6 keV (n,n') Level
Legendre Coefficients

41-Nb-105



31

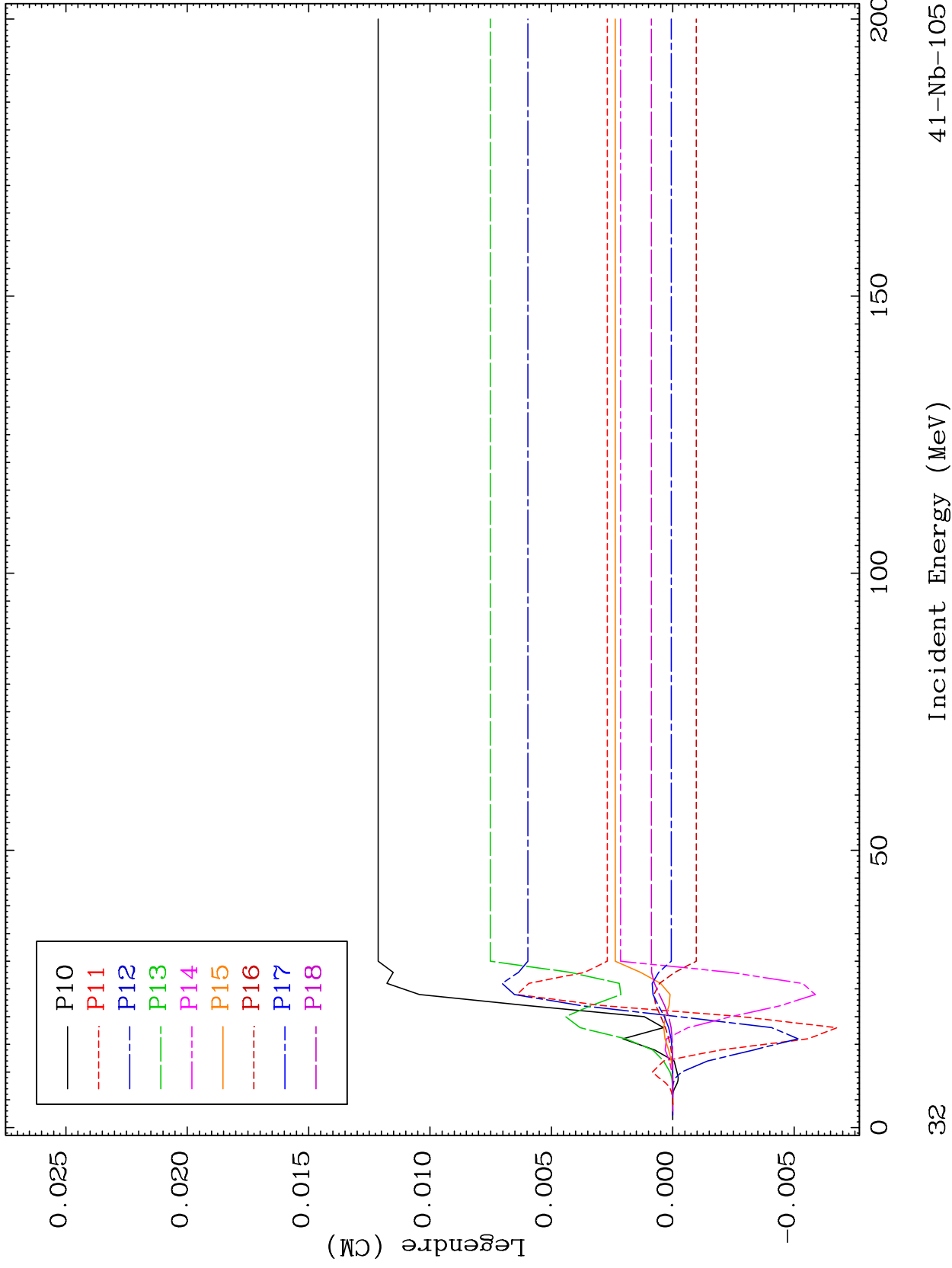
Incident Energy (MeV)

41-Nb-105

MAT 4161

734.6 keV (n,n') Level
Legendre Coefficients

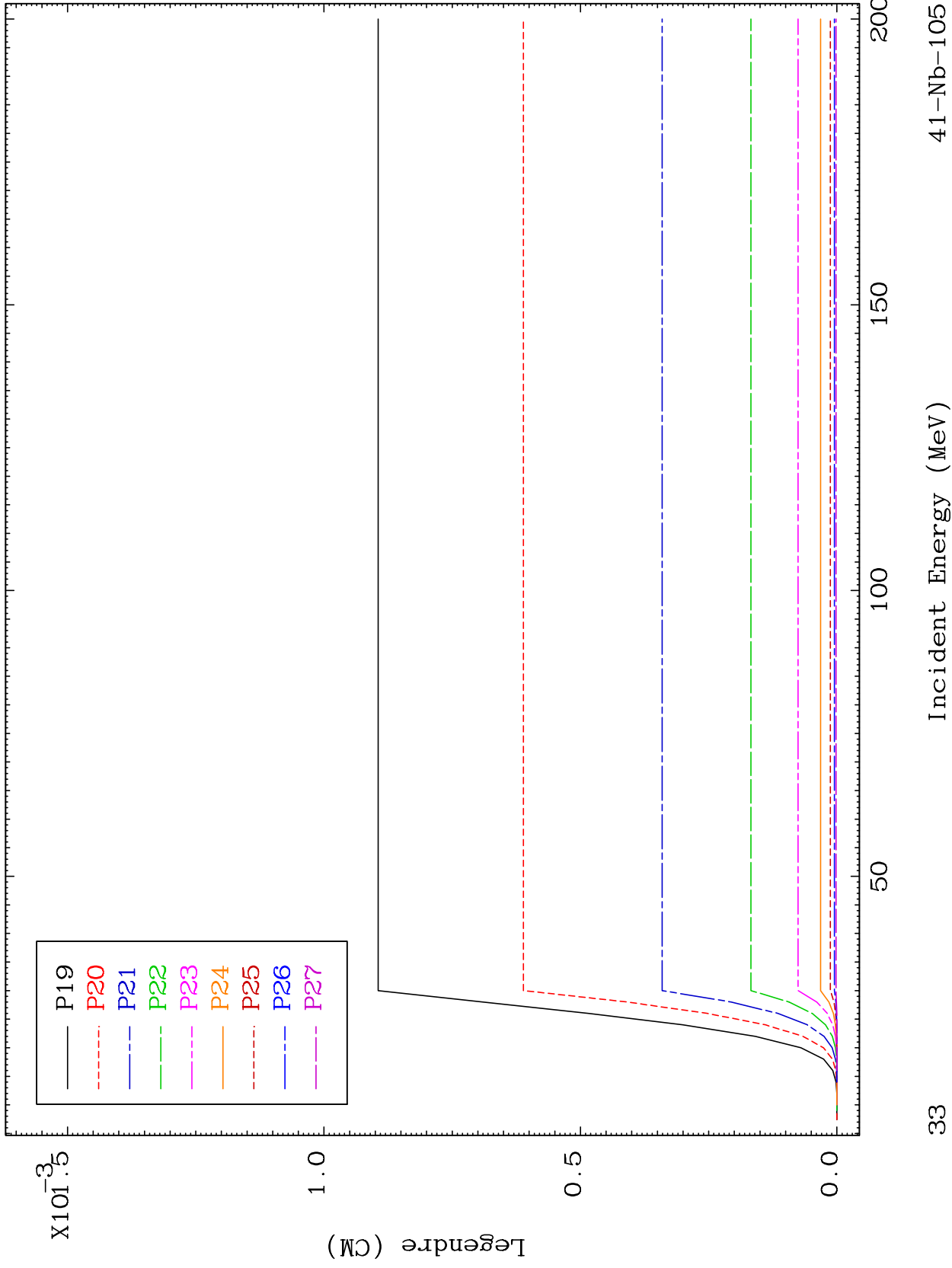
41-Nb-105



41-Nb-105

Incident Energy (MeV)

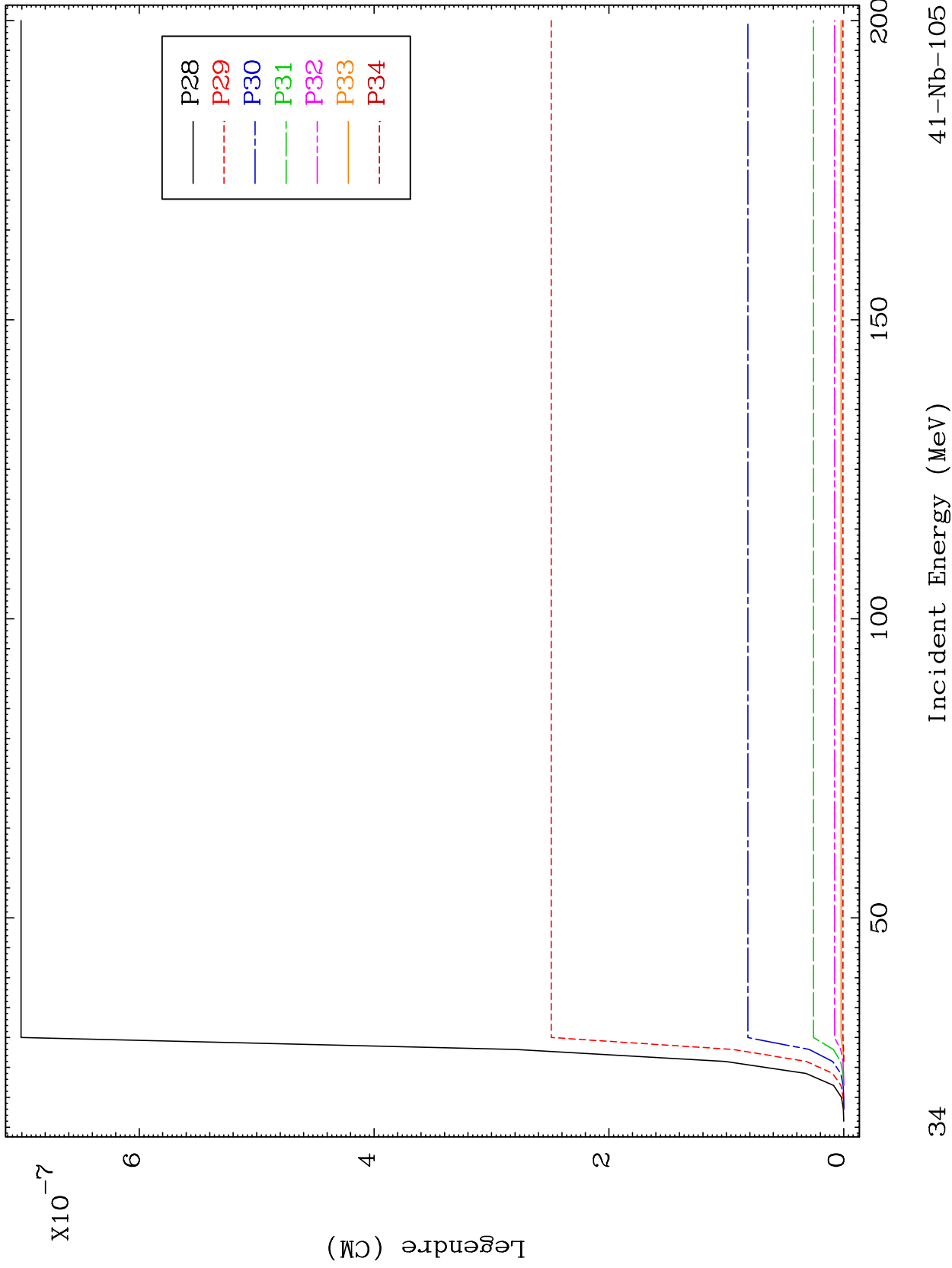
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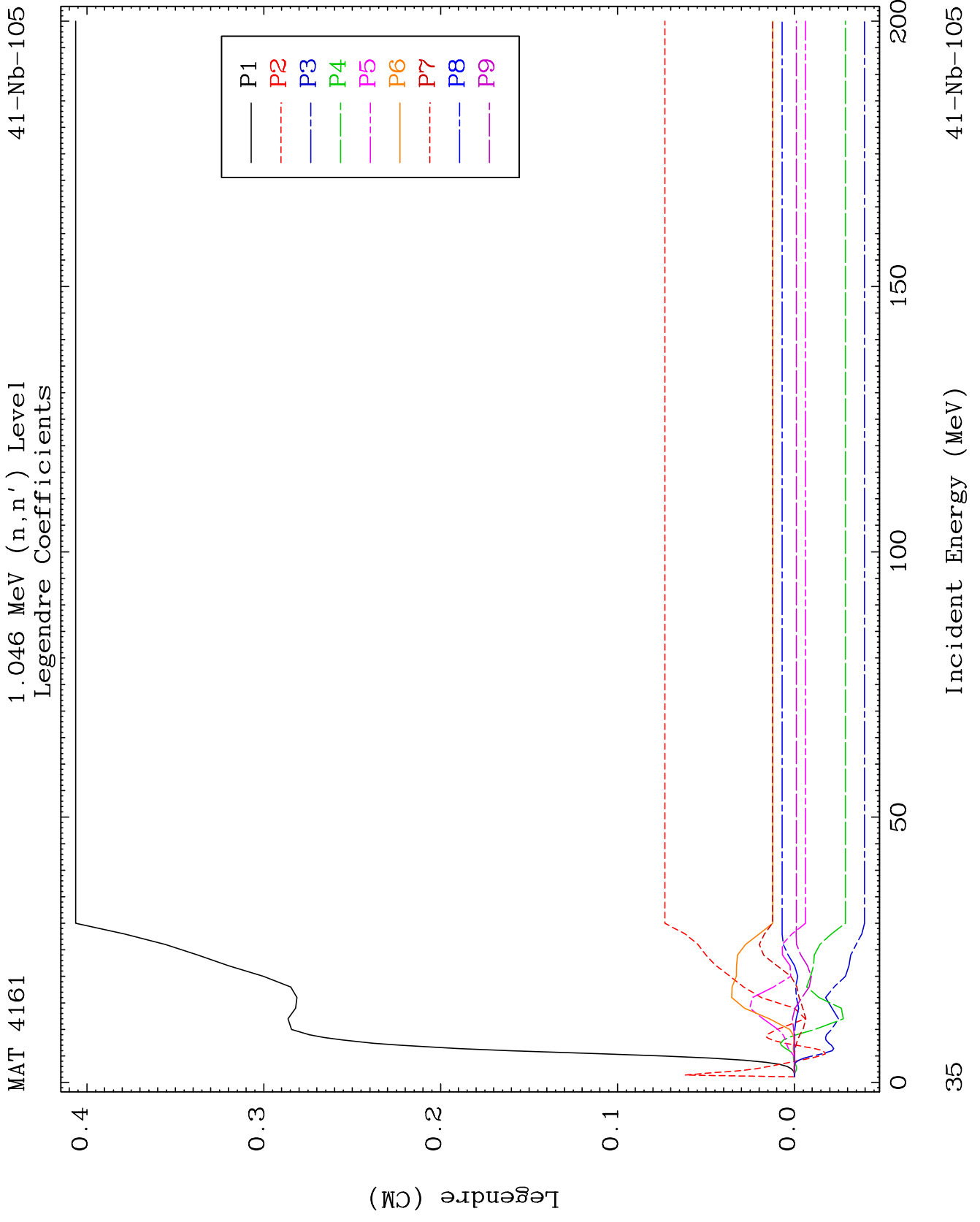


MAT 4161

734.6 keV (n,n') Level
Legendre Coefficients

41-Nb-105

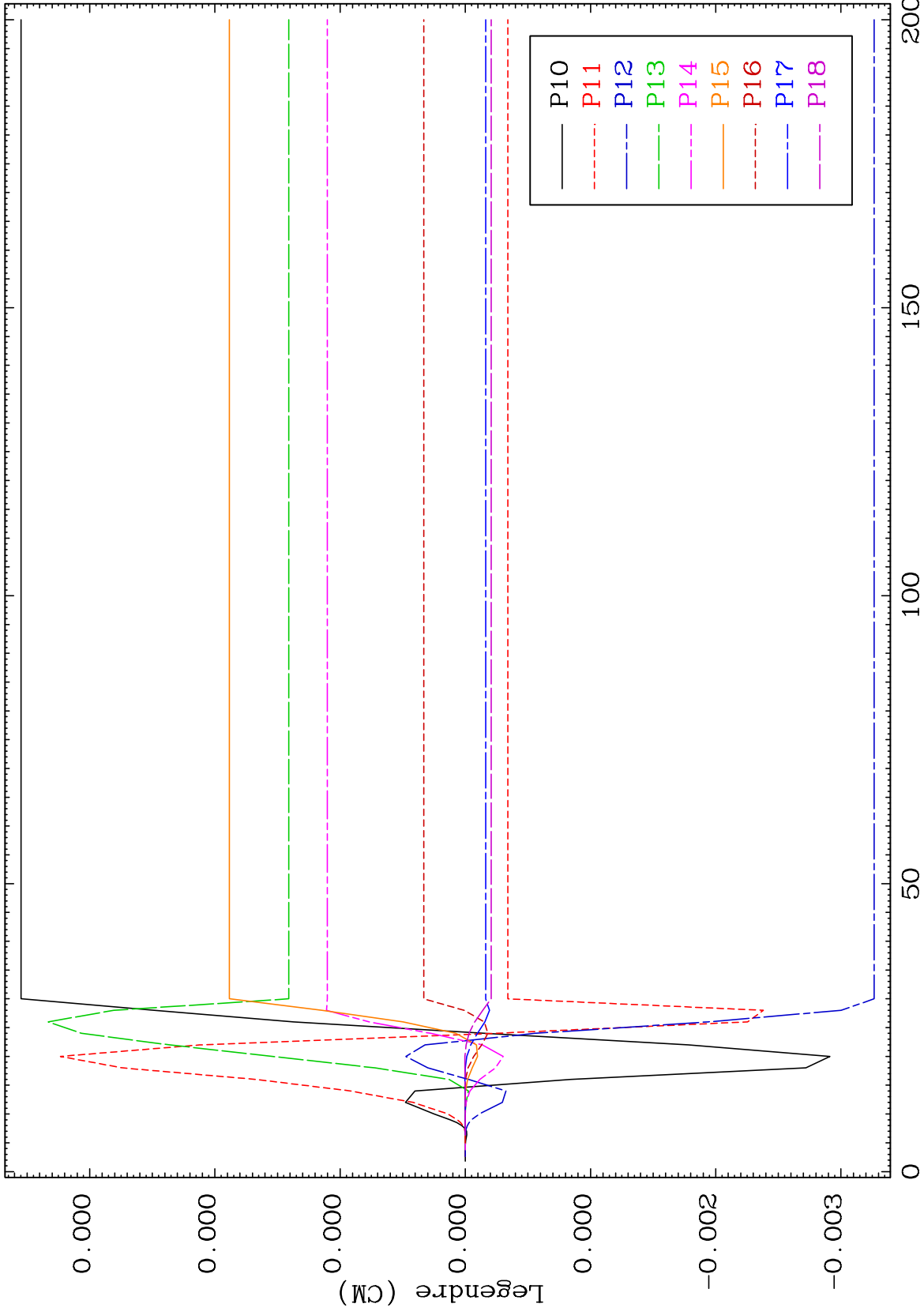




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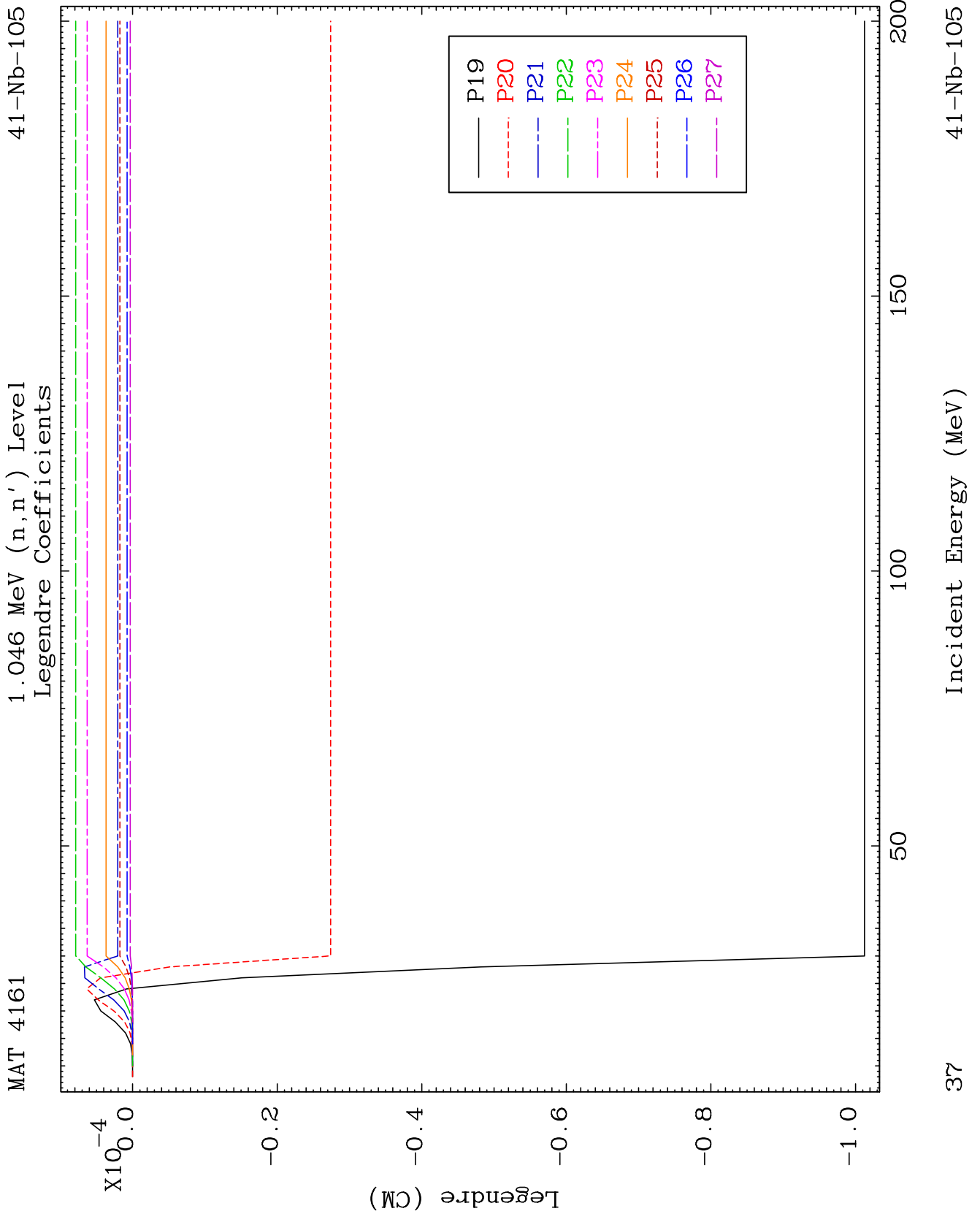
1.046 MeV (n,n') Level
Legendre Coefficients

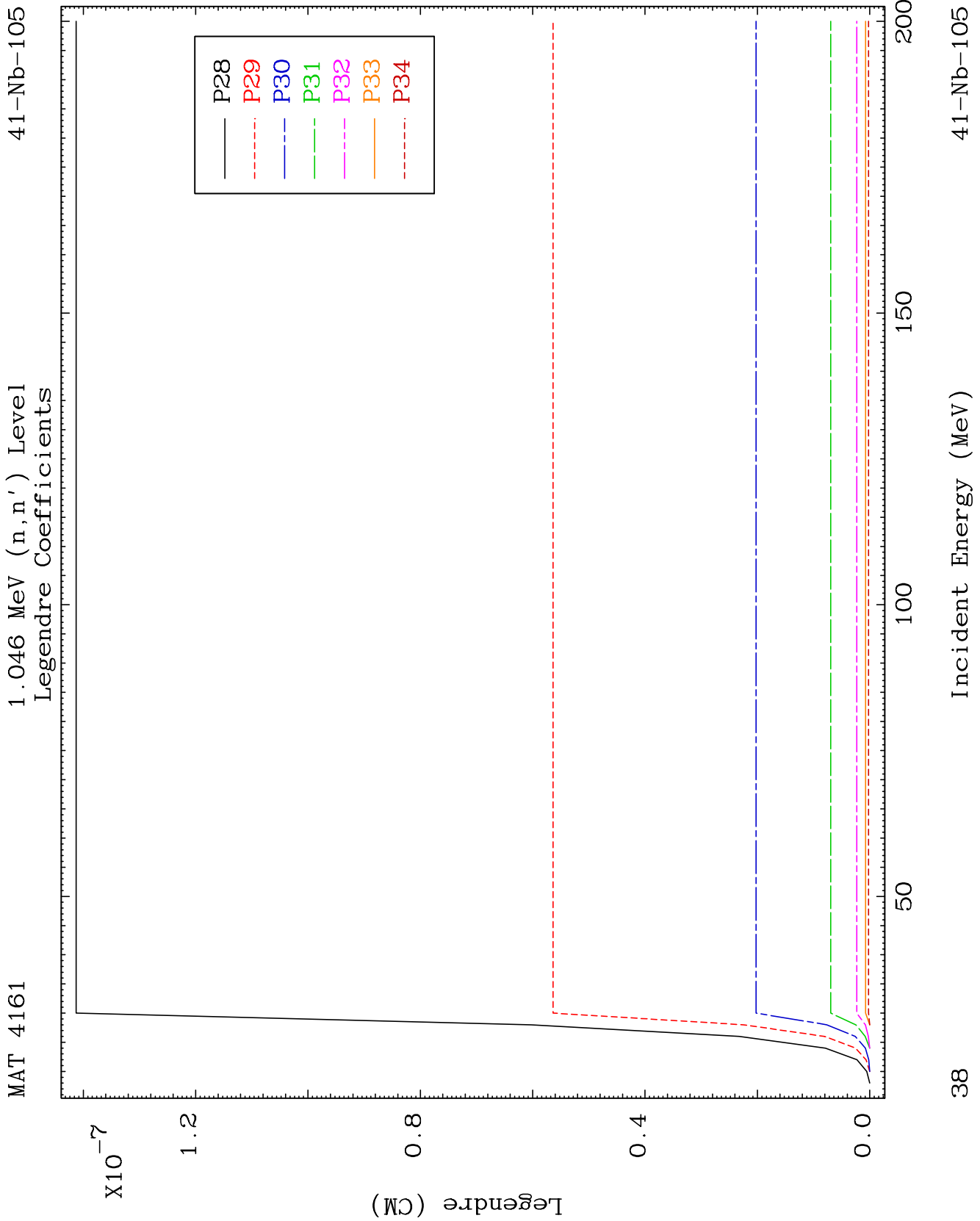
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36

41-Nb-105

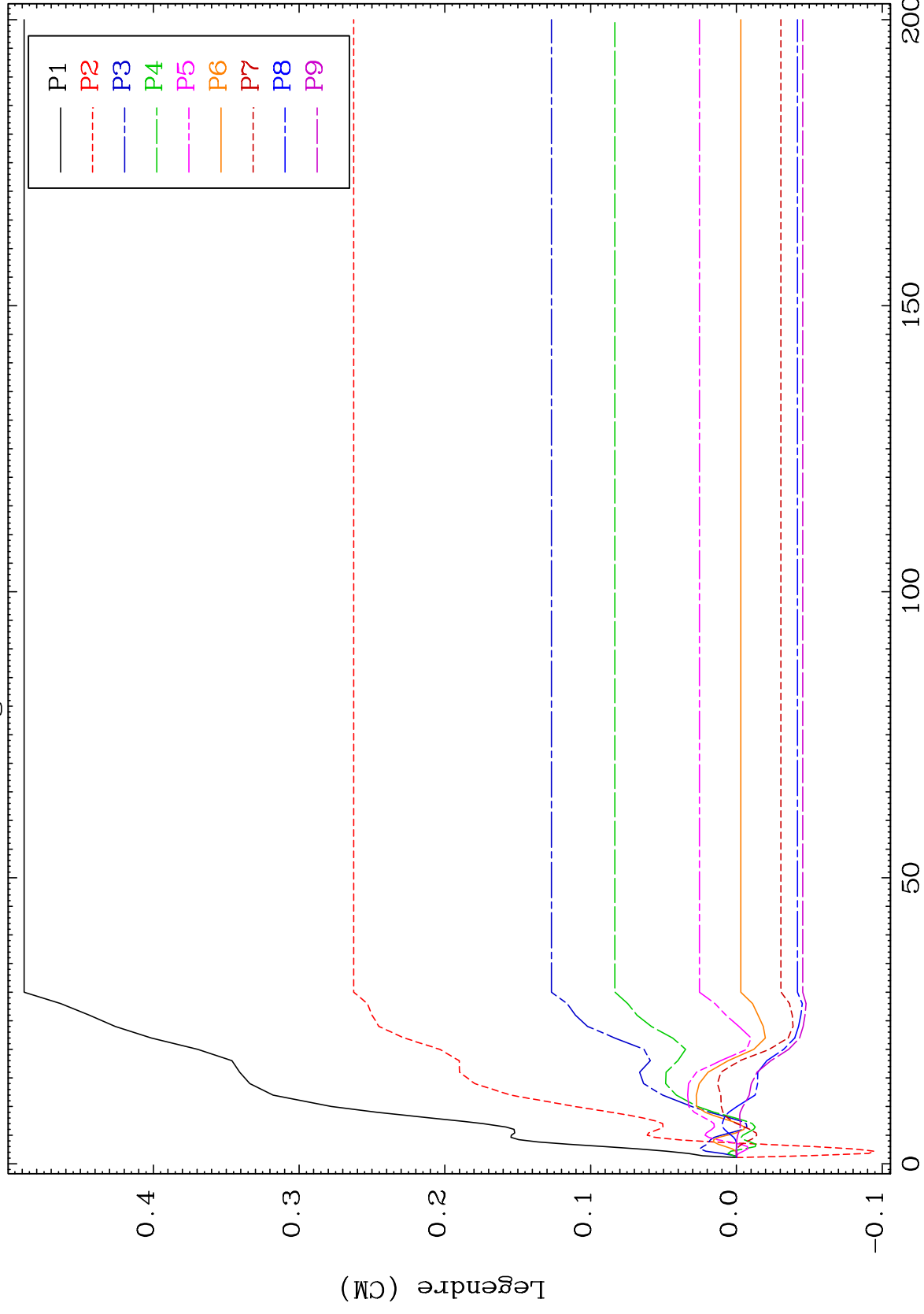




MAT 4161

1.070 MeV (n,n') Level
Legendre Coefficients

41-Nb-105



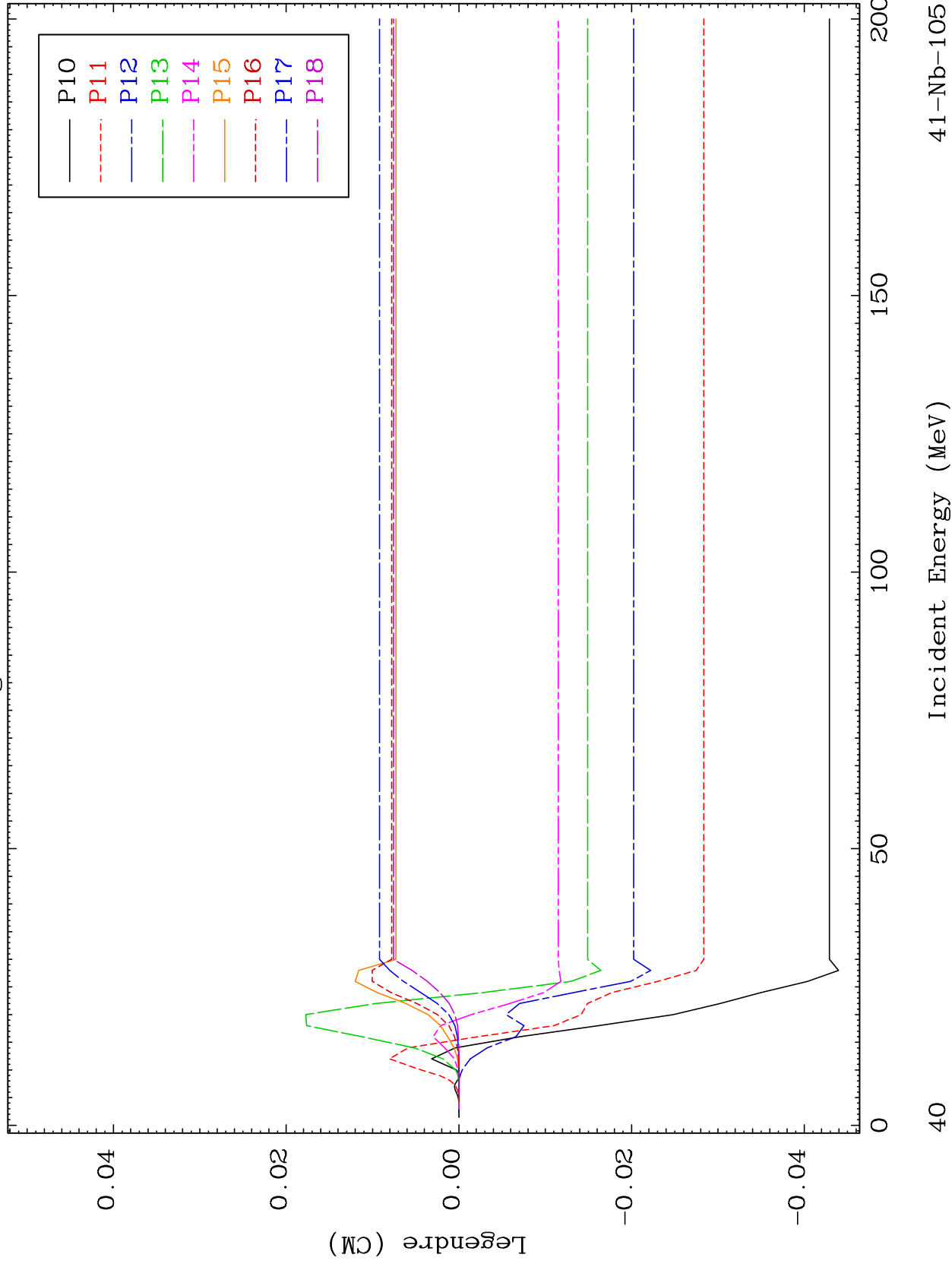
39

41-Nb-105

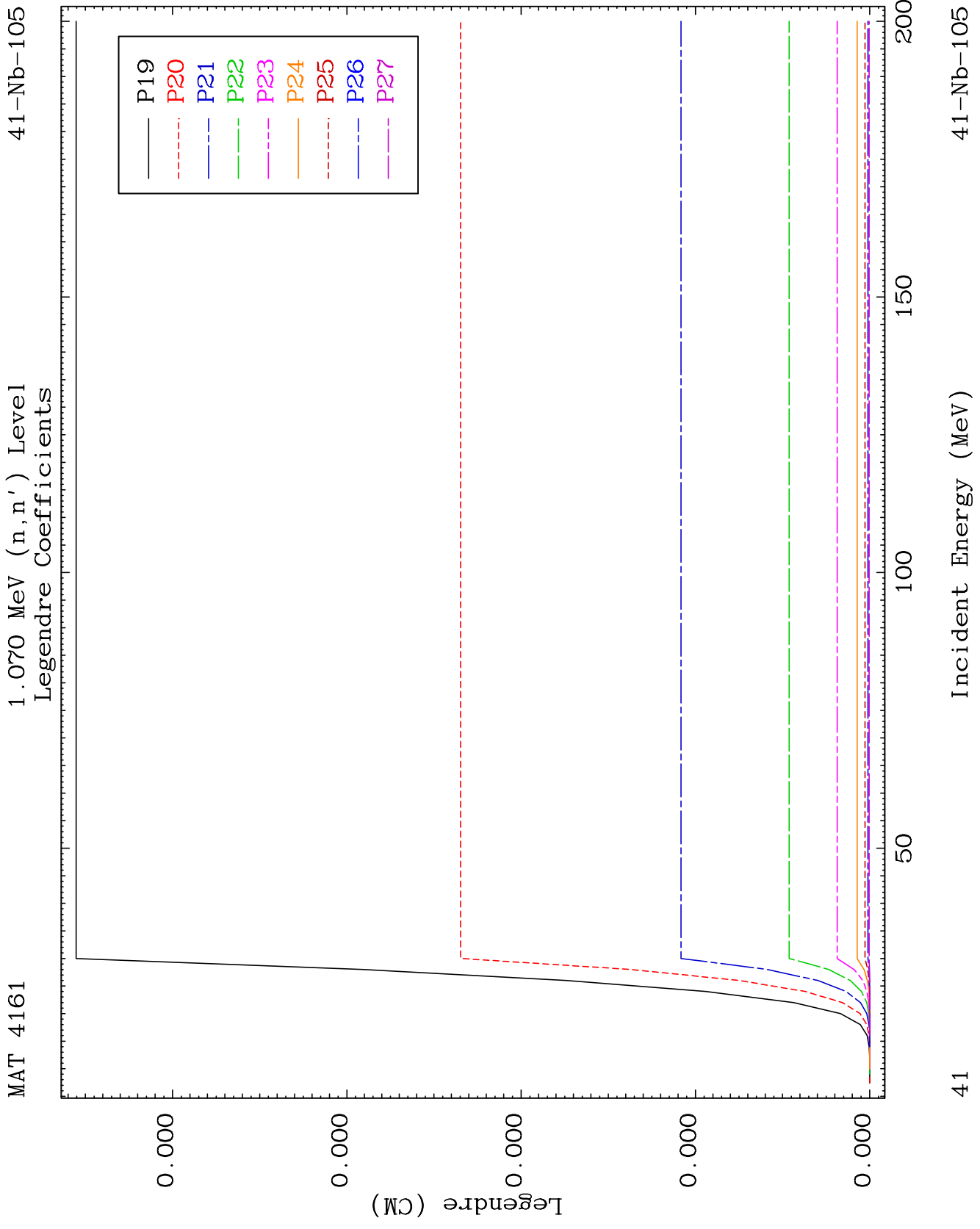
MAT 4161

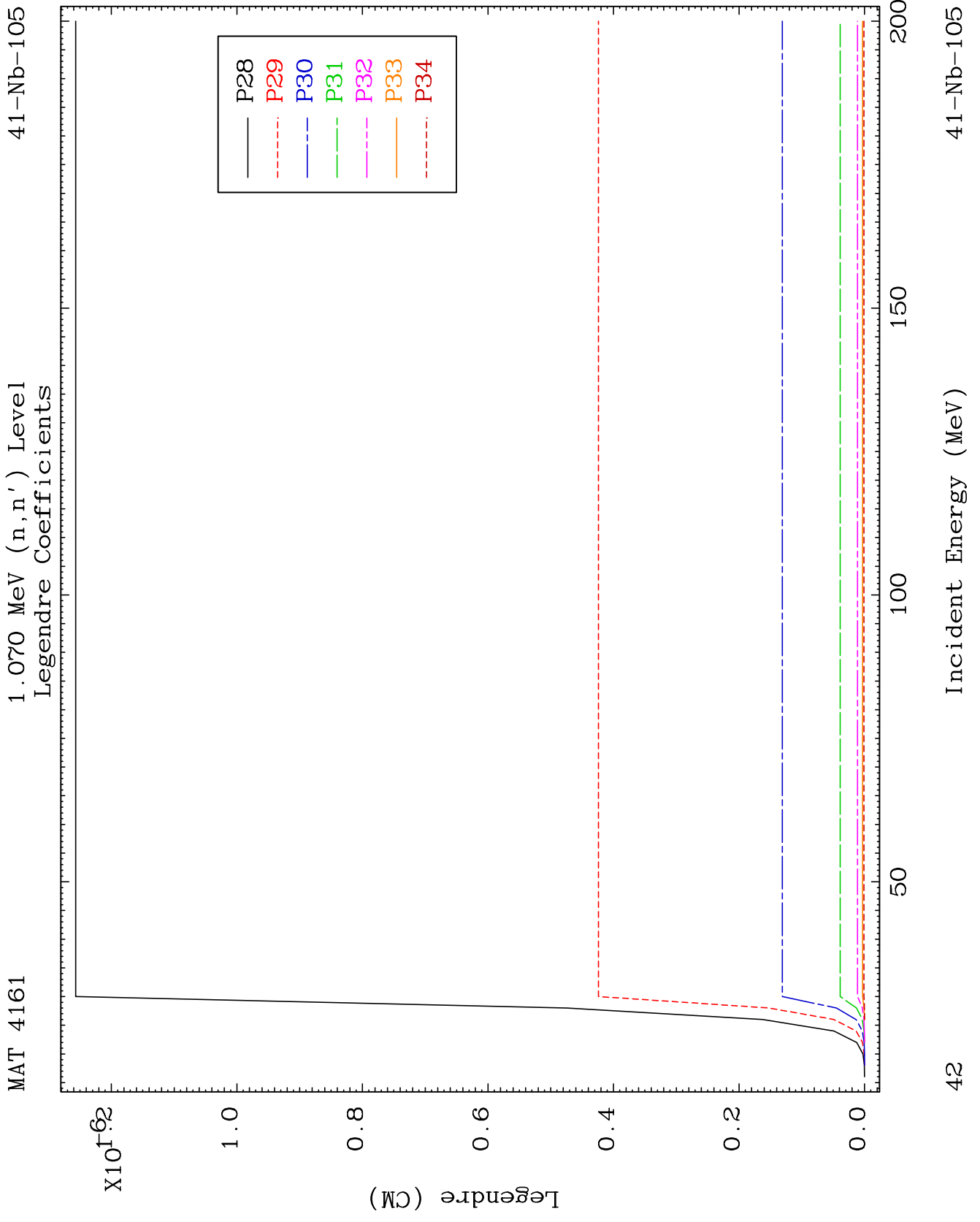
1.070 MeV (n,n') Level
Legendre Coefficients

41-Nb-105



41-Nb-105

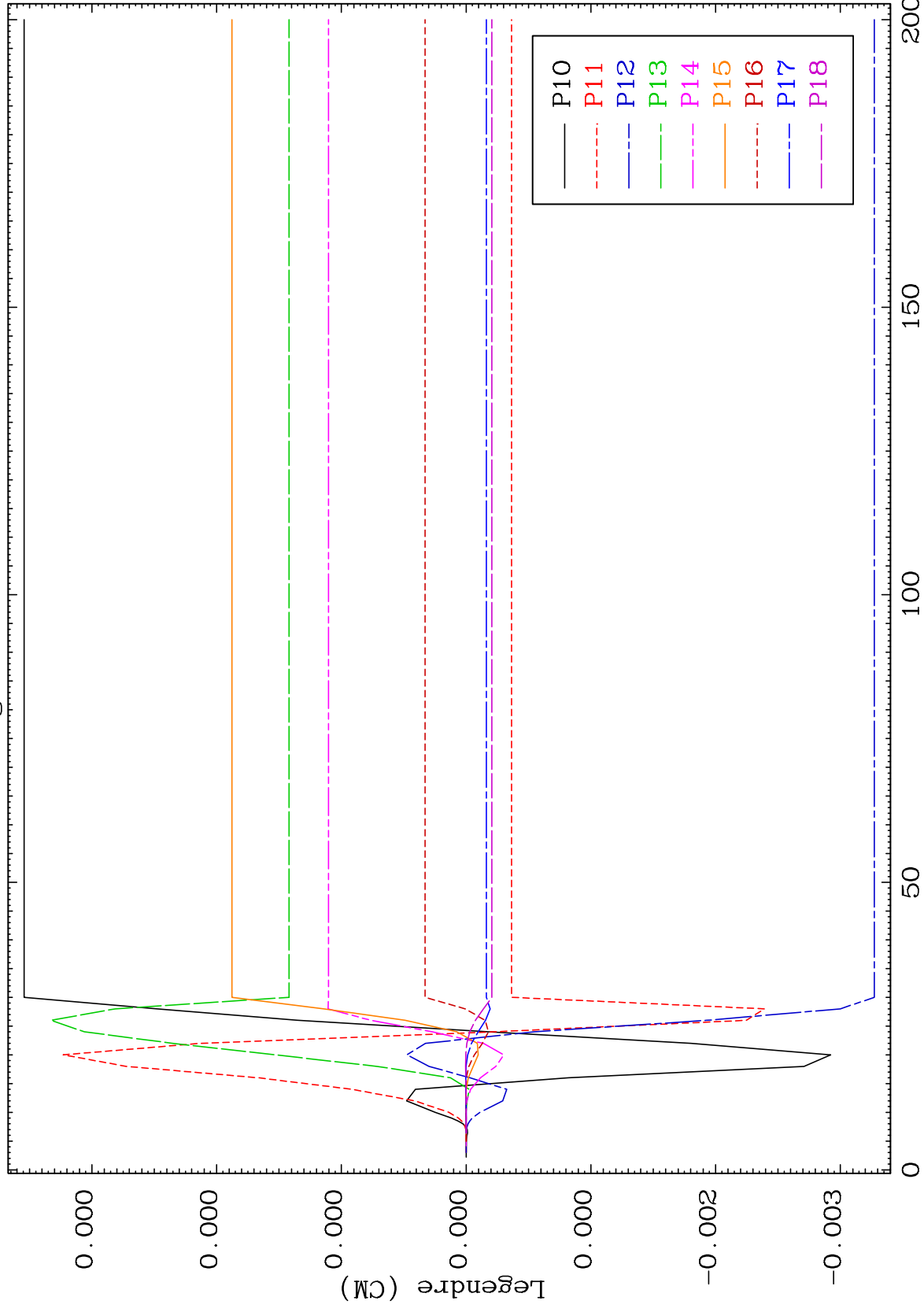




MAT 4161

1.076 MeV (n,n') Level
Legendre Coefficients

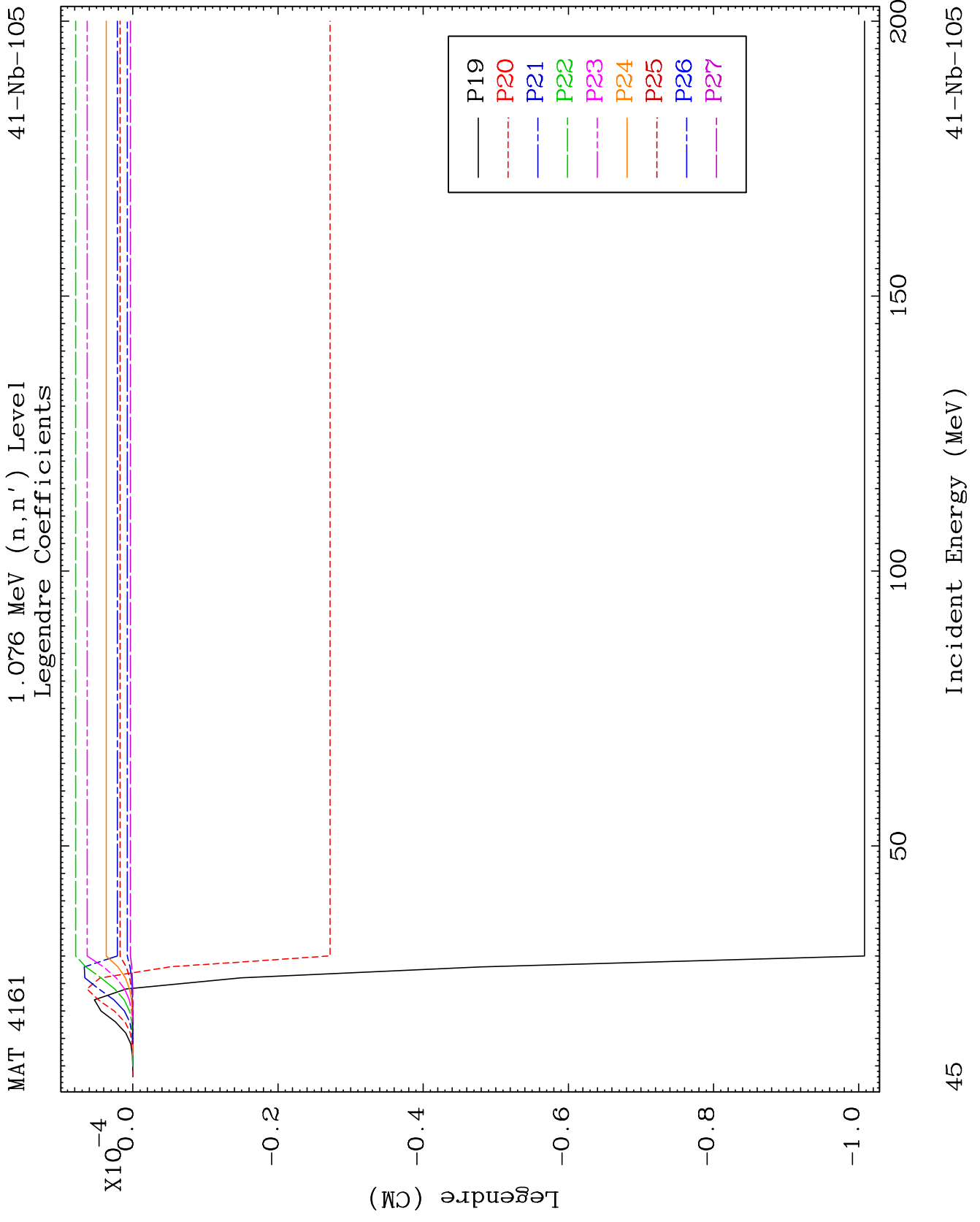
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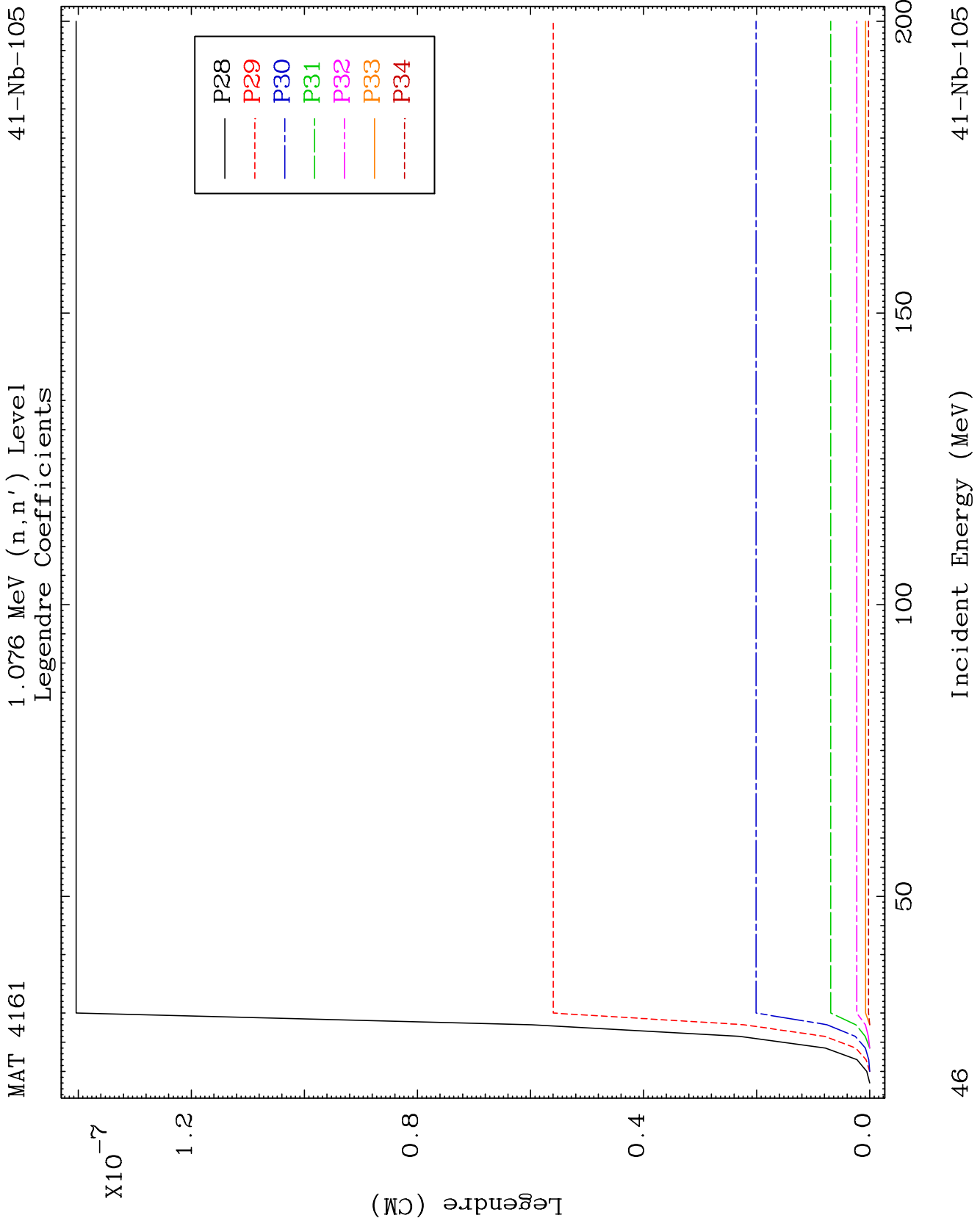


44

Incident Energy (MeV)

41-Nb-105

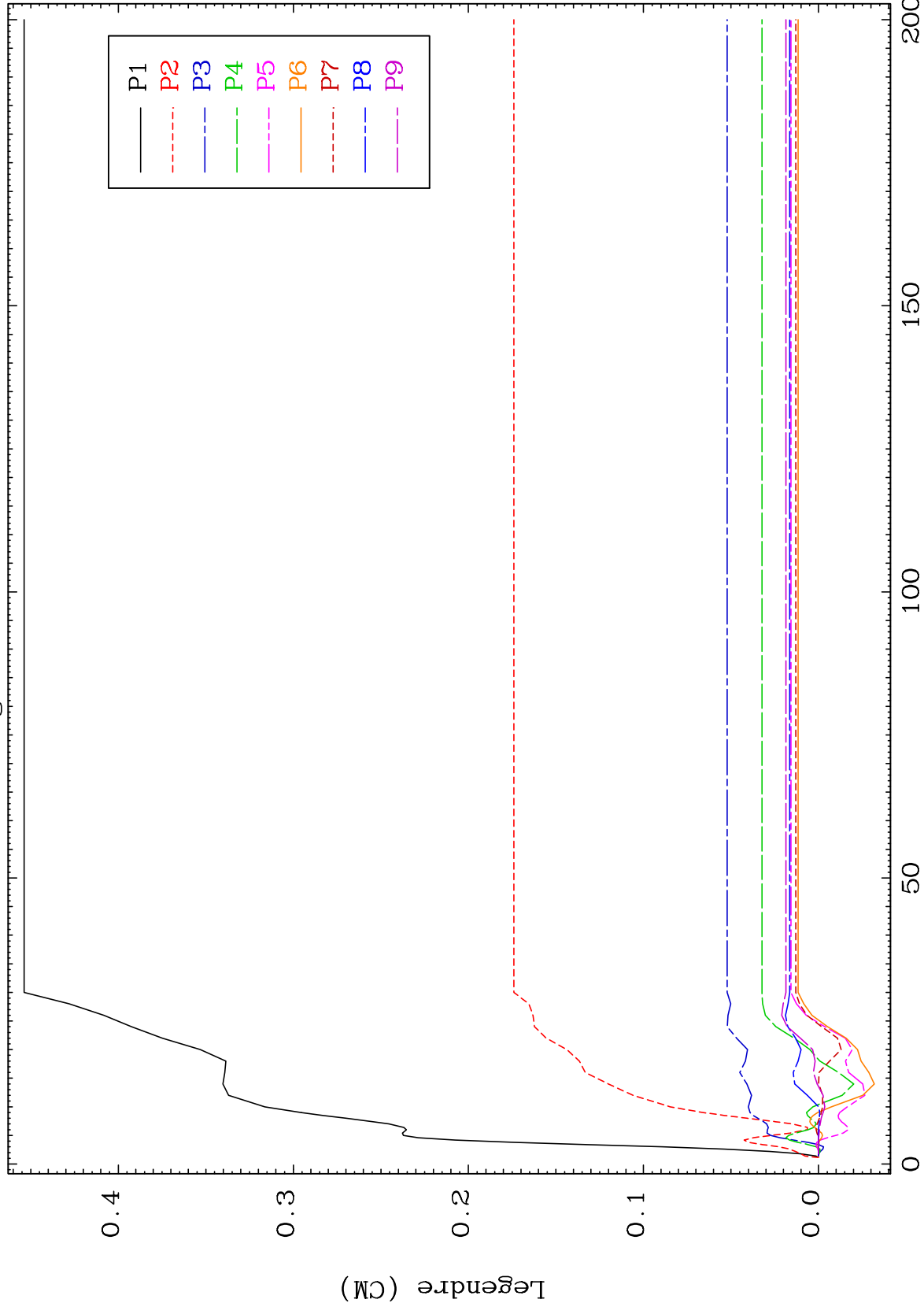




MAT 4161

1.120 MeV (n,n') Level
Legendre Coefficients

41-Nb-105



47

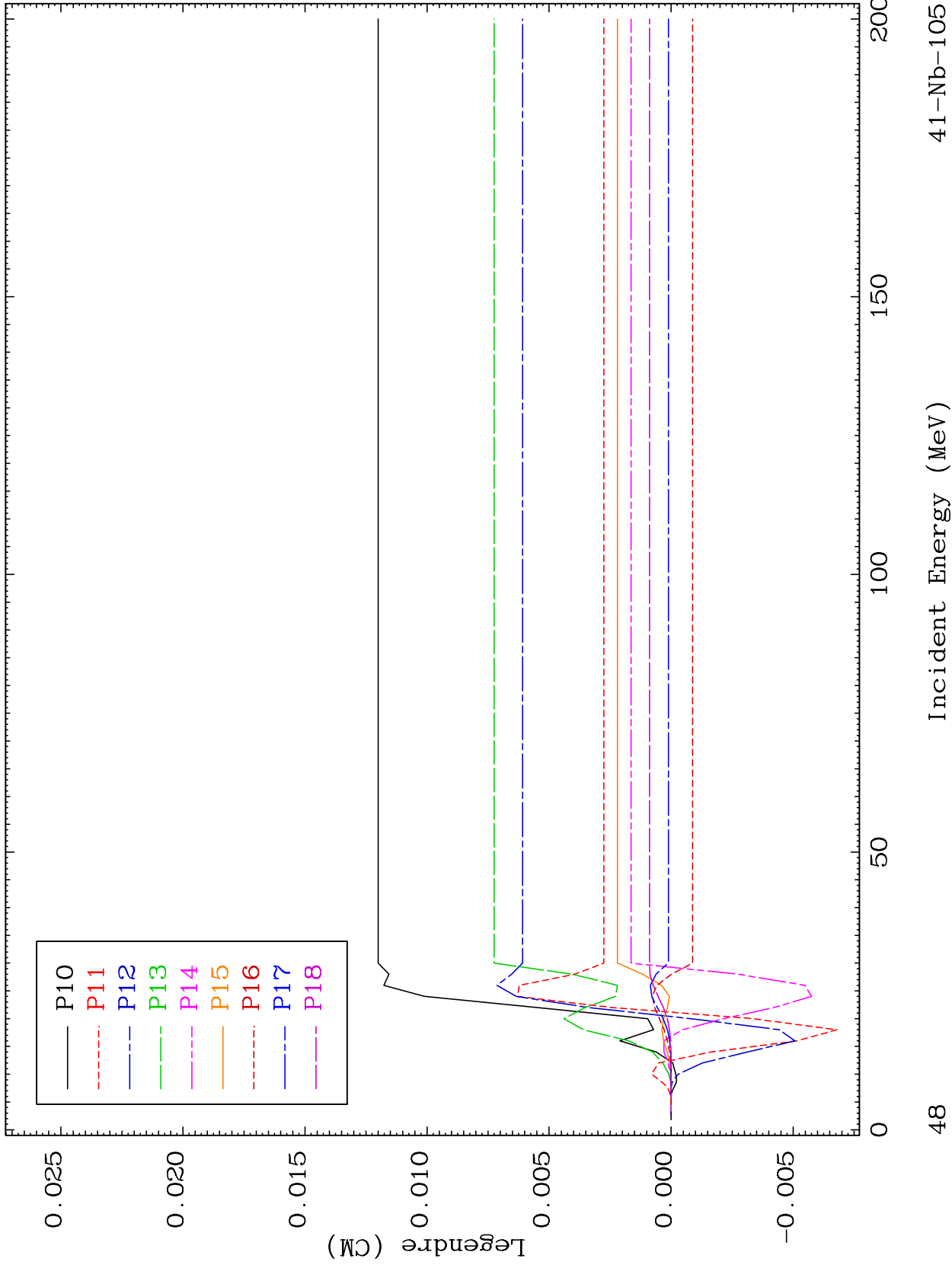
Incident Energy (MeV)

41-Nb-105

MAT 4161

1.120 MeV (n,n') Level
Legendre Coefficients

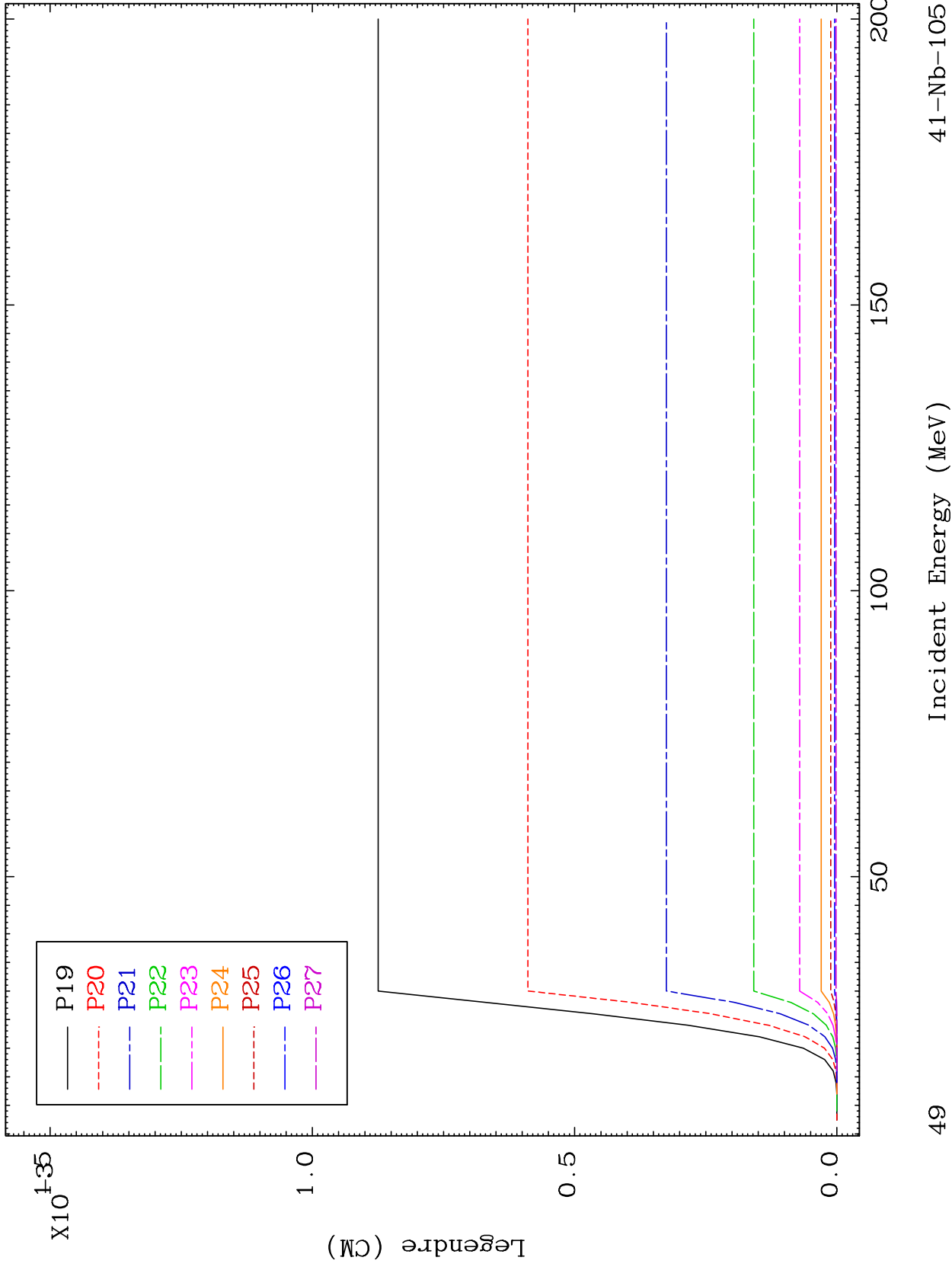
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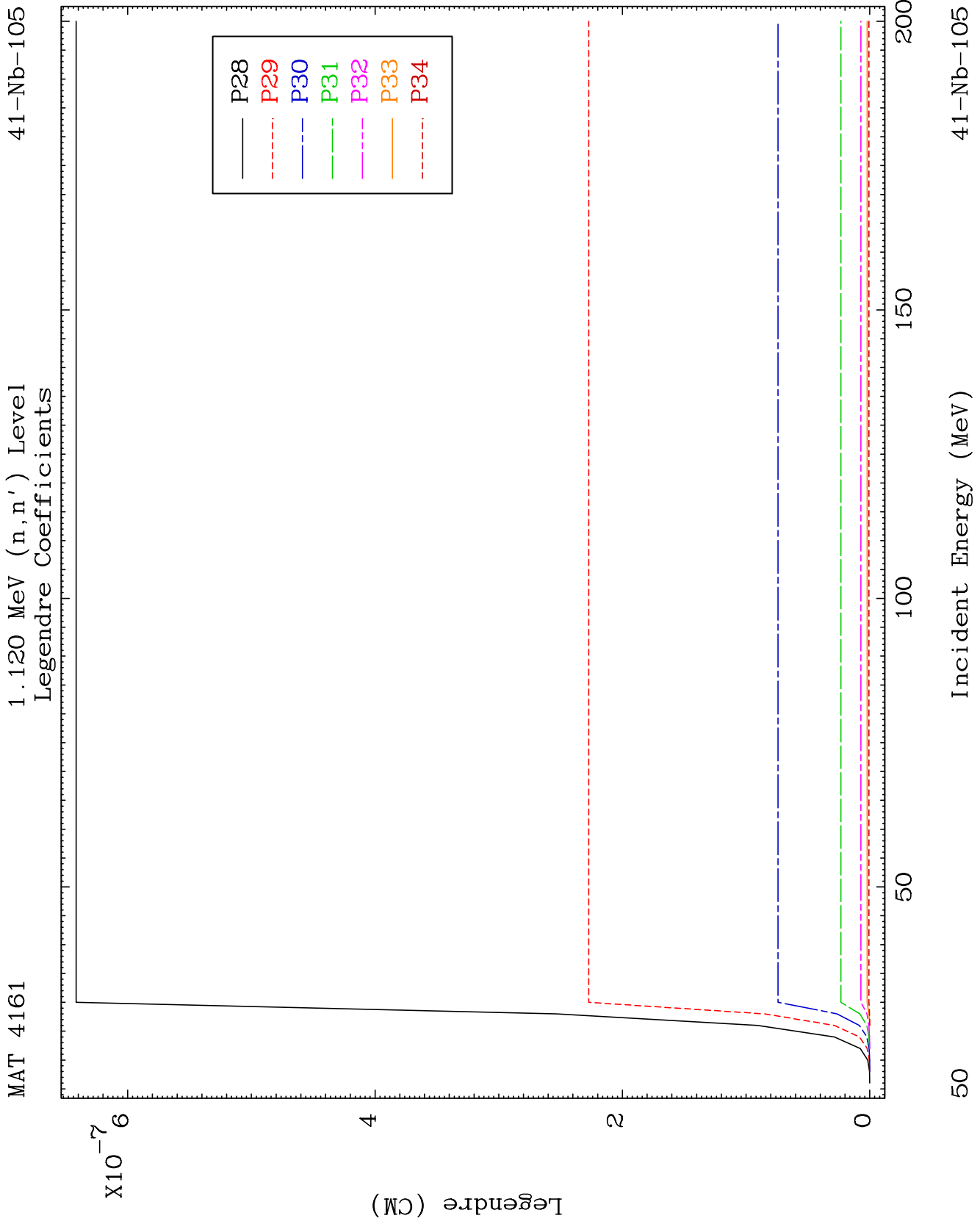


48

Incident Energy (MeV)

41-Nb-105

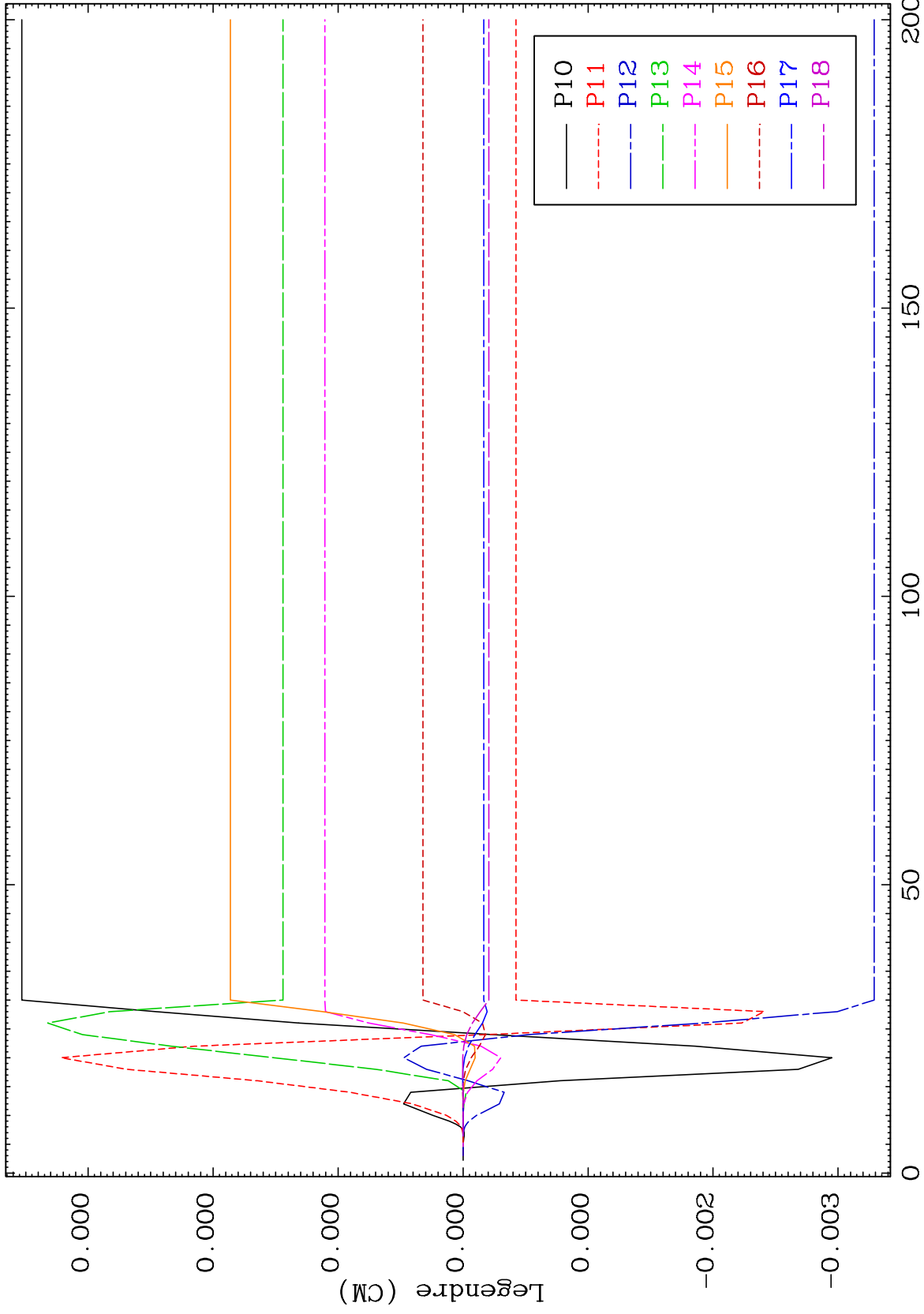




MAT 4161

1.149 MeV (n,n') Level
Legendre Coefficients

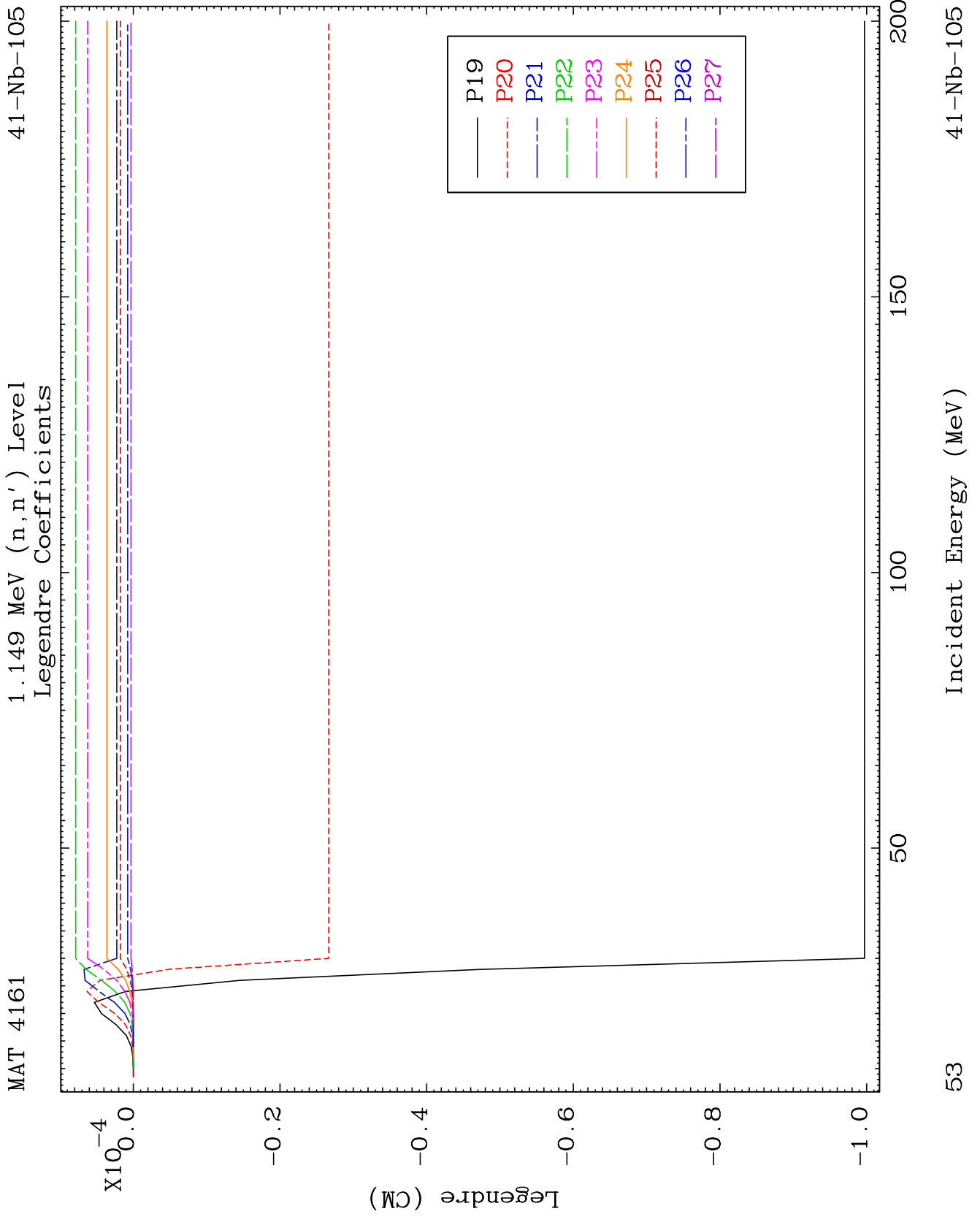
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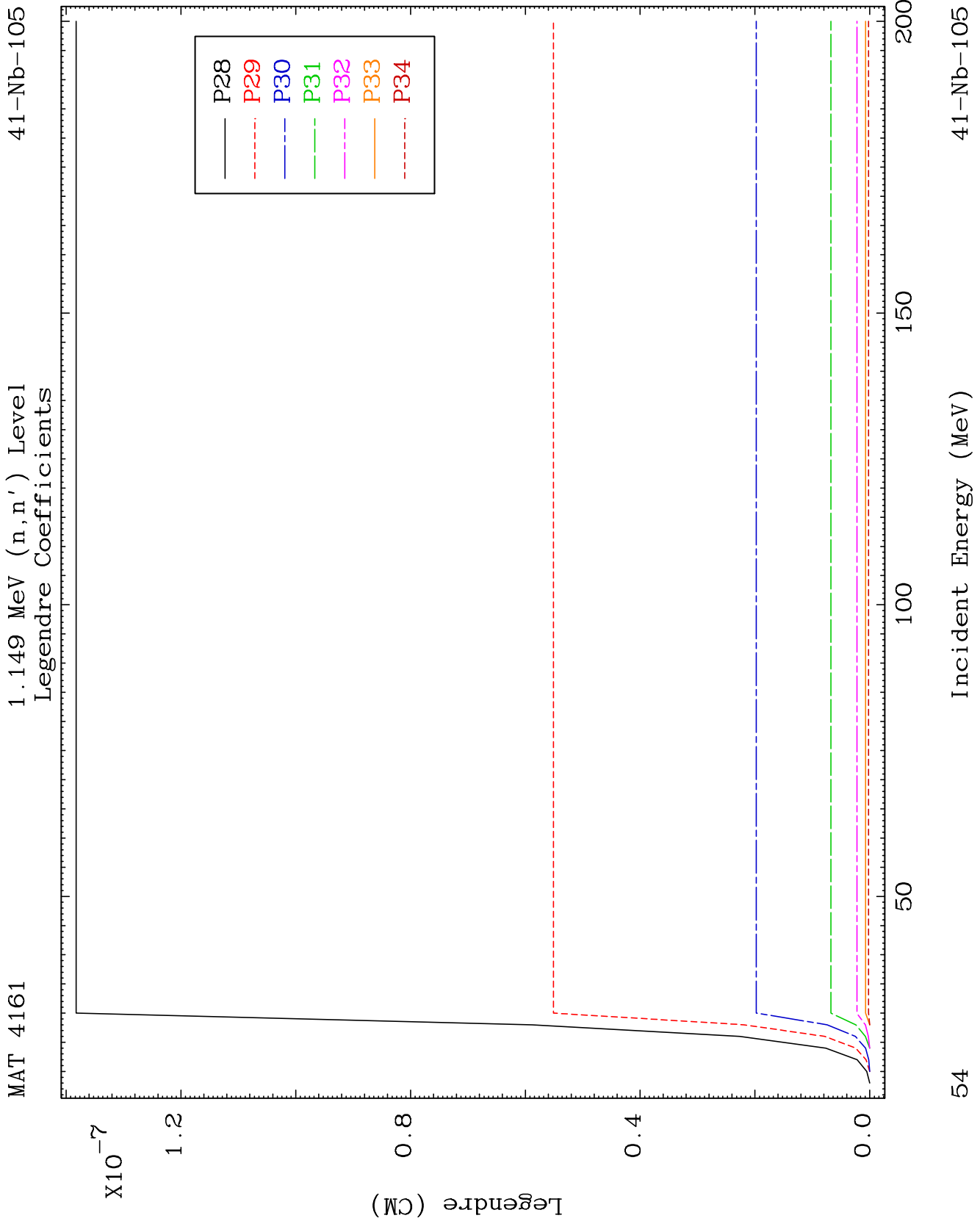


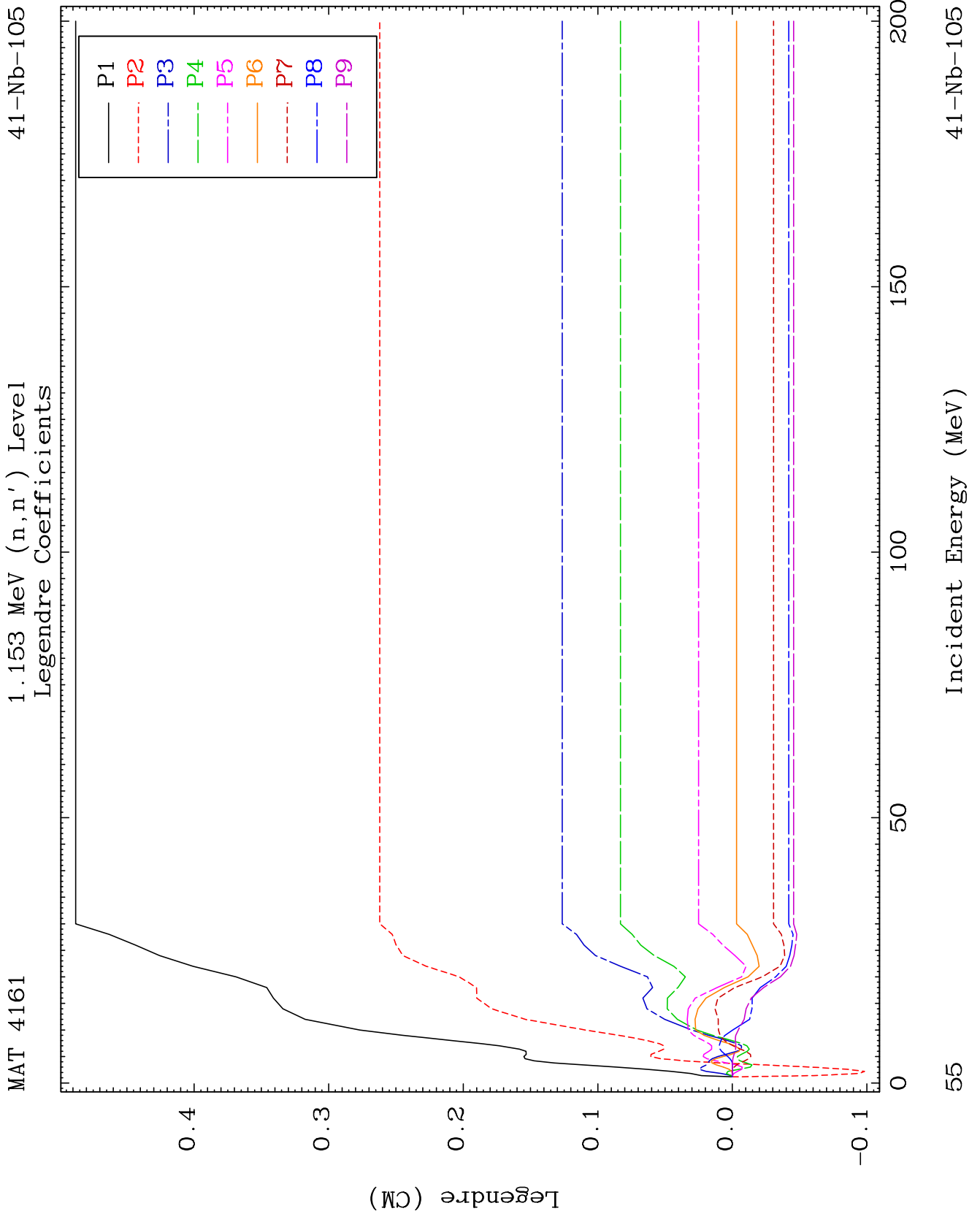
52

Incident Energy (MeV)

41-Nb-105



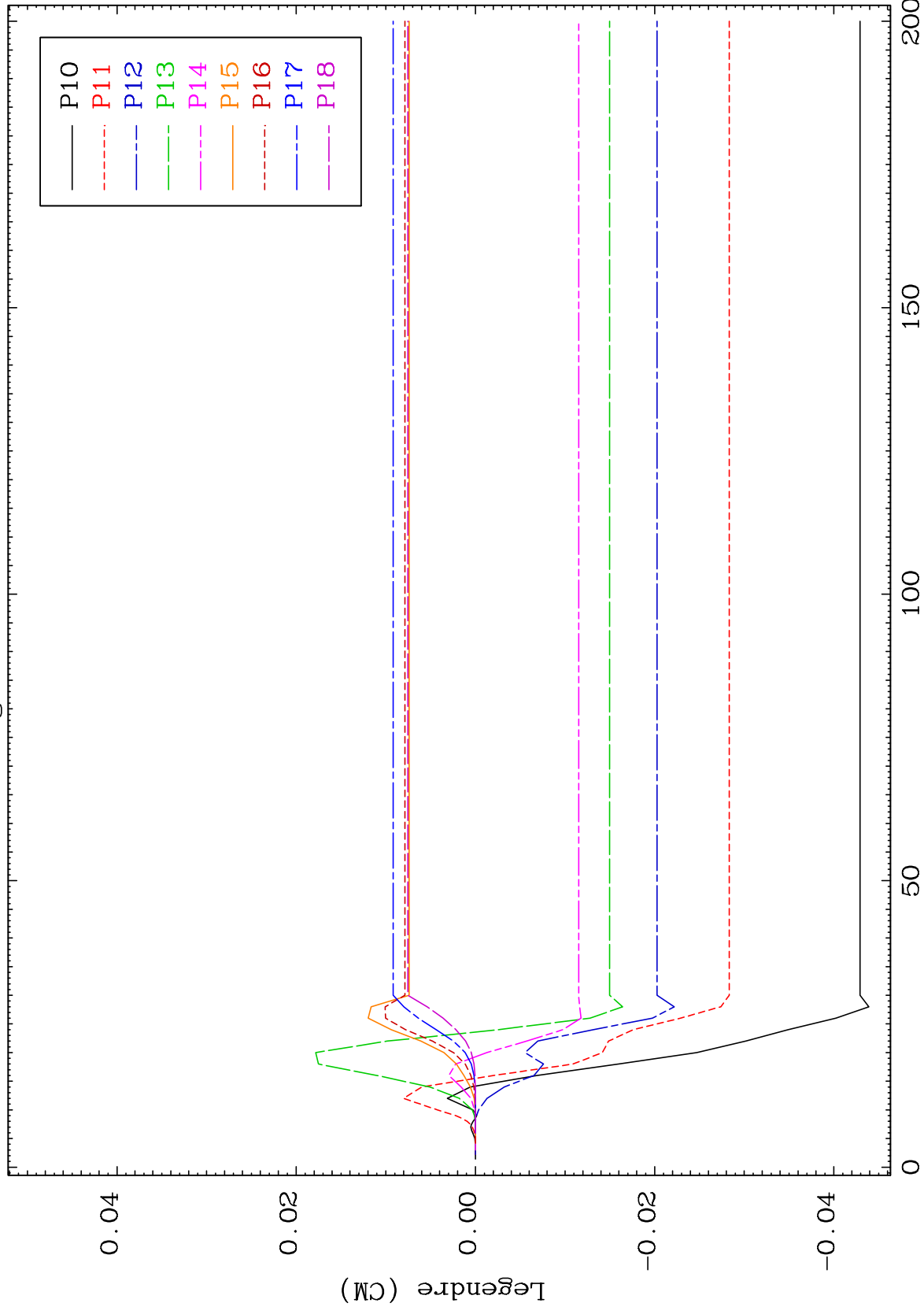




MAT 4161

1.153 MeV (n,n') Level
Legendre Coefficients

41-Nb-105



56

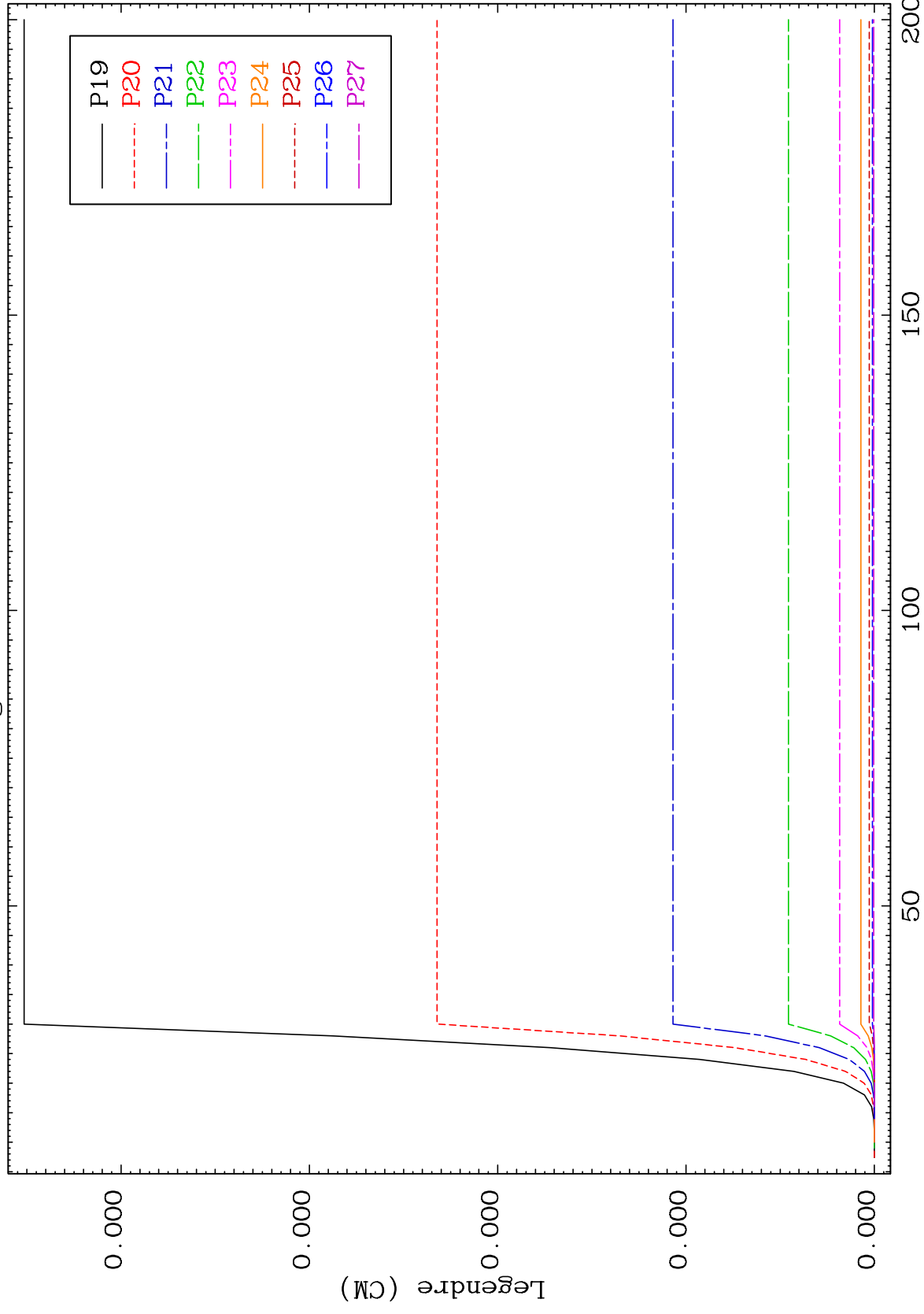
Incident Energy (MeV)

41-Nb-105

MAT 4161

1.153 MeV (n,n') Level
Legendre Coefficients

41-Nb-105



57

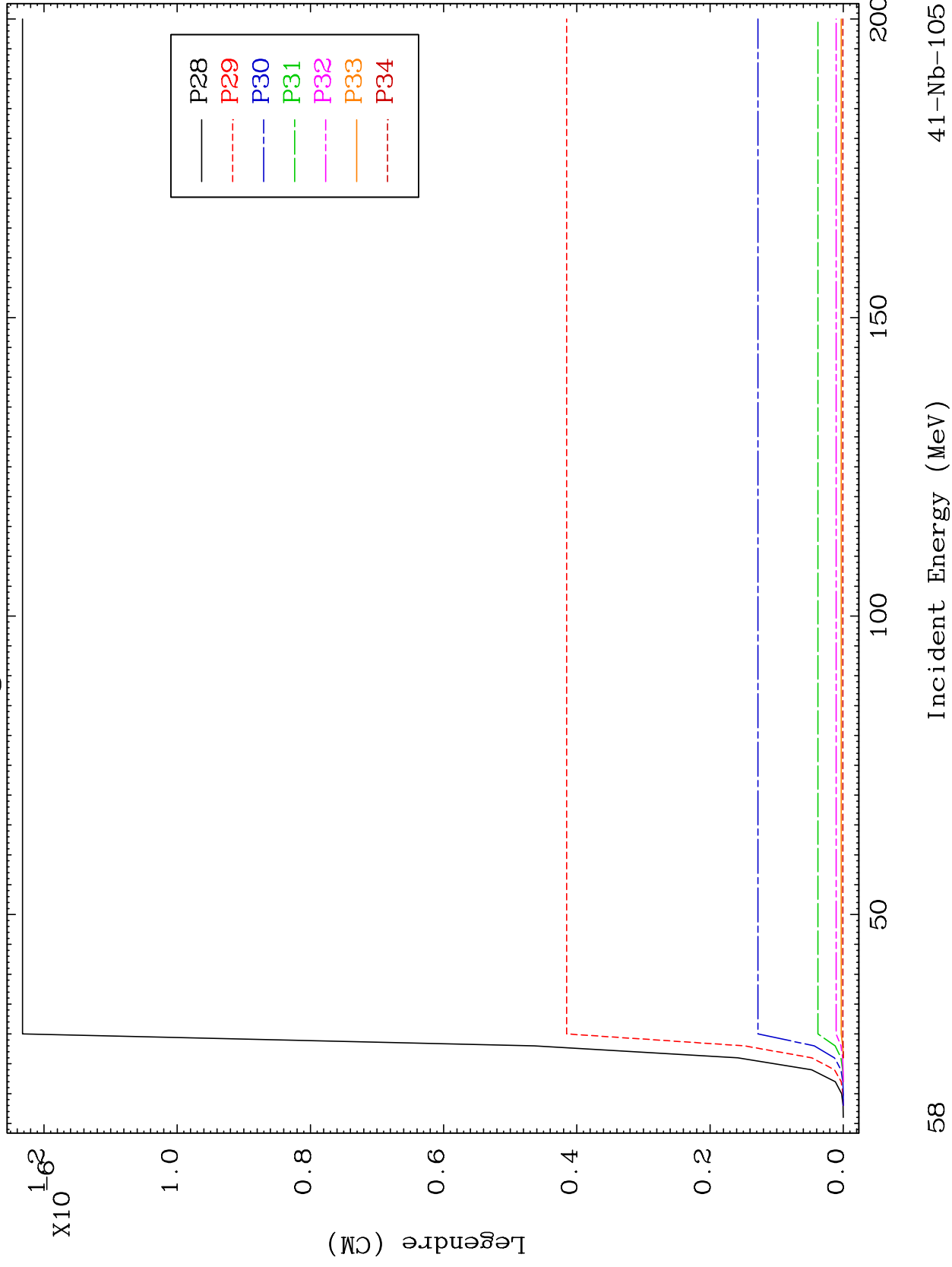
Incident Energy (MeV)

41-Nb-105

MAT 4161

1.153 MeV (n, n') Level
Legendre Coefficients

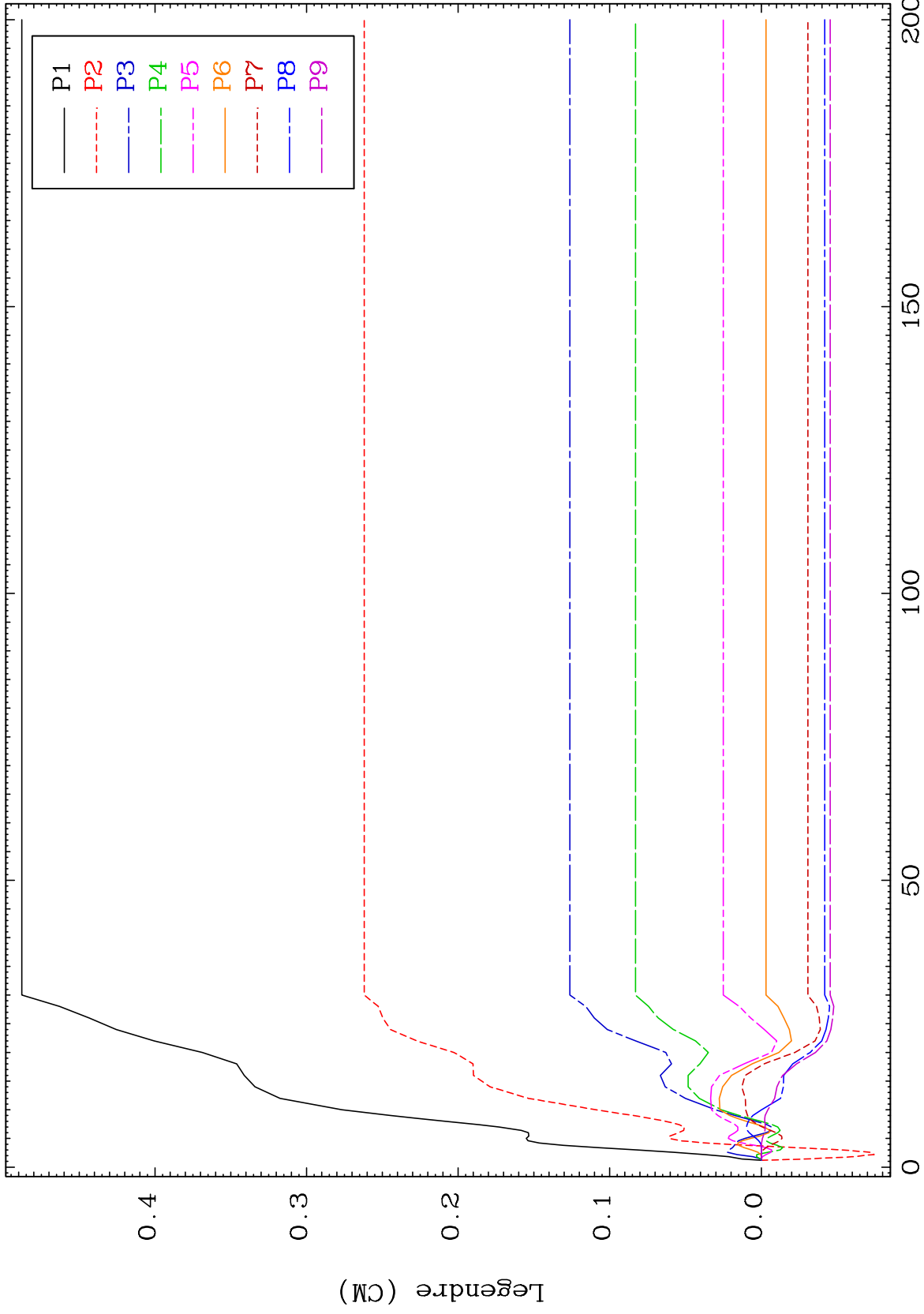
41-Nb-105



MAT 4161

1.171 MeV (n,n') Level
Legendre Coefficients

41-Nb-105



59

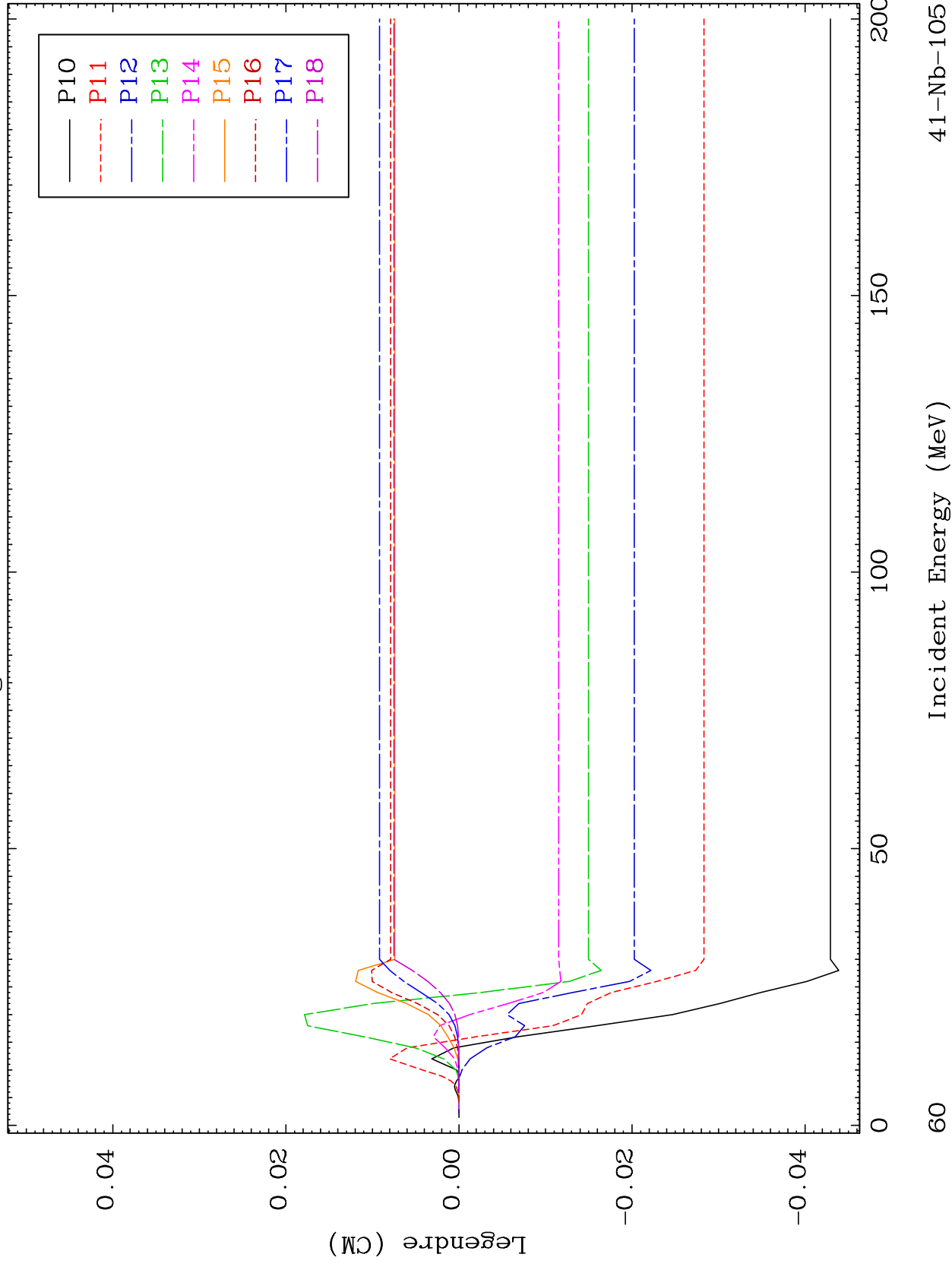
Incident Energy (MeV)

41-Nb-105

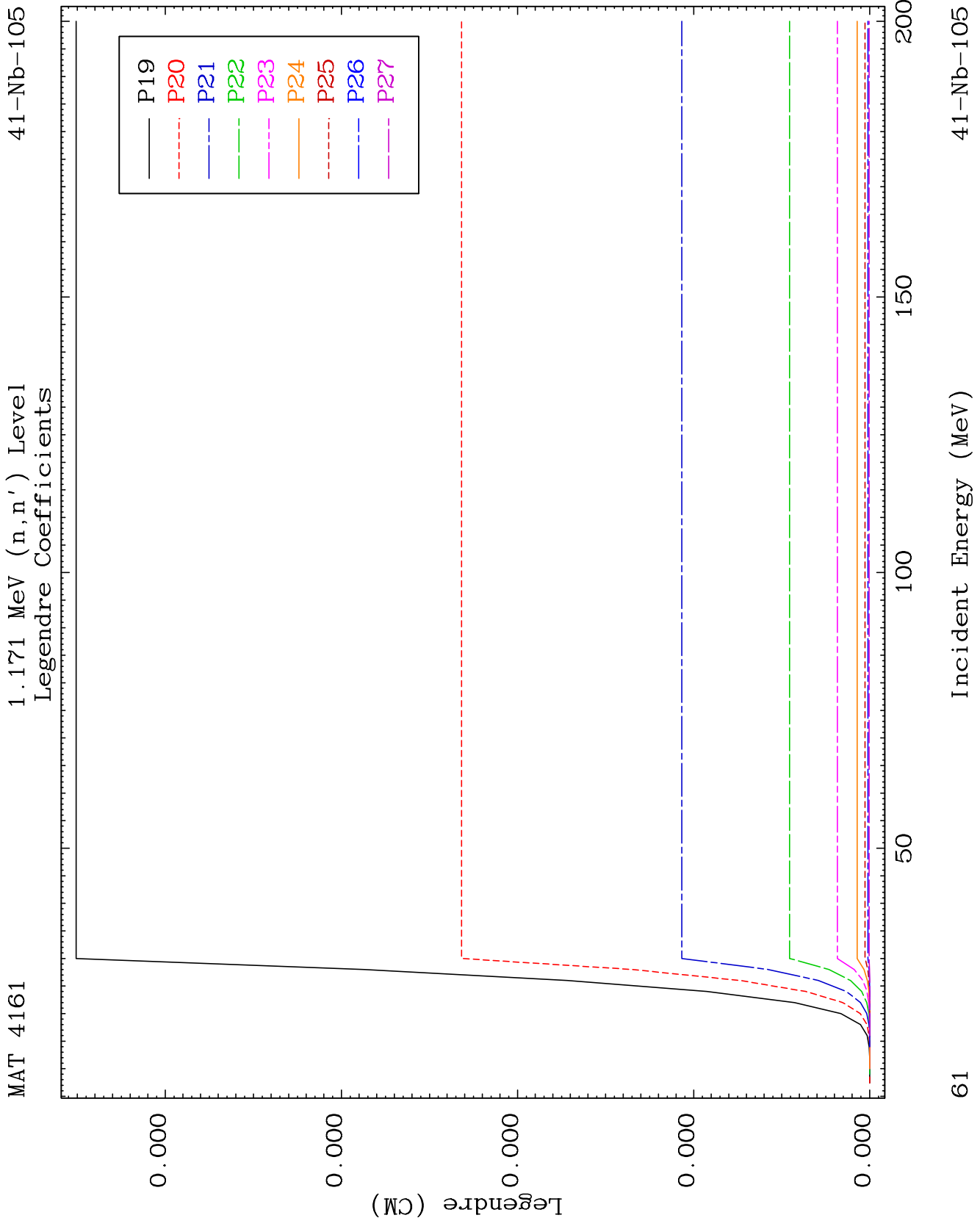
MAT 4161

1.171 MeV (n,n') Level
Legendre Coefficients

41-Nb-105



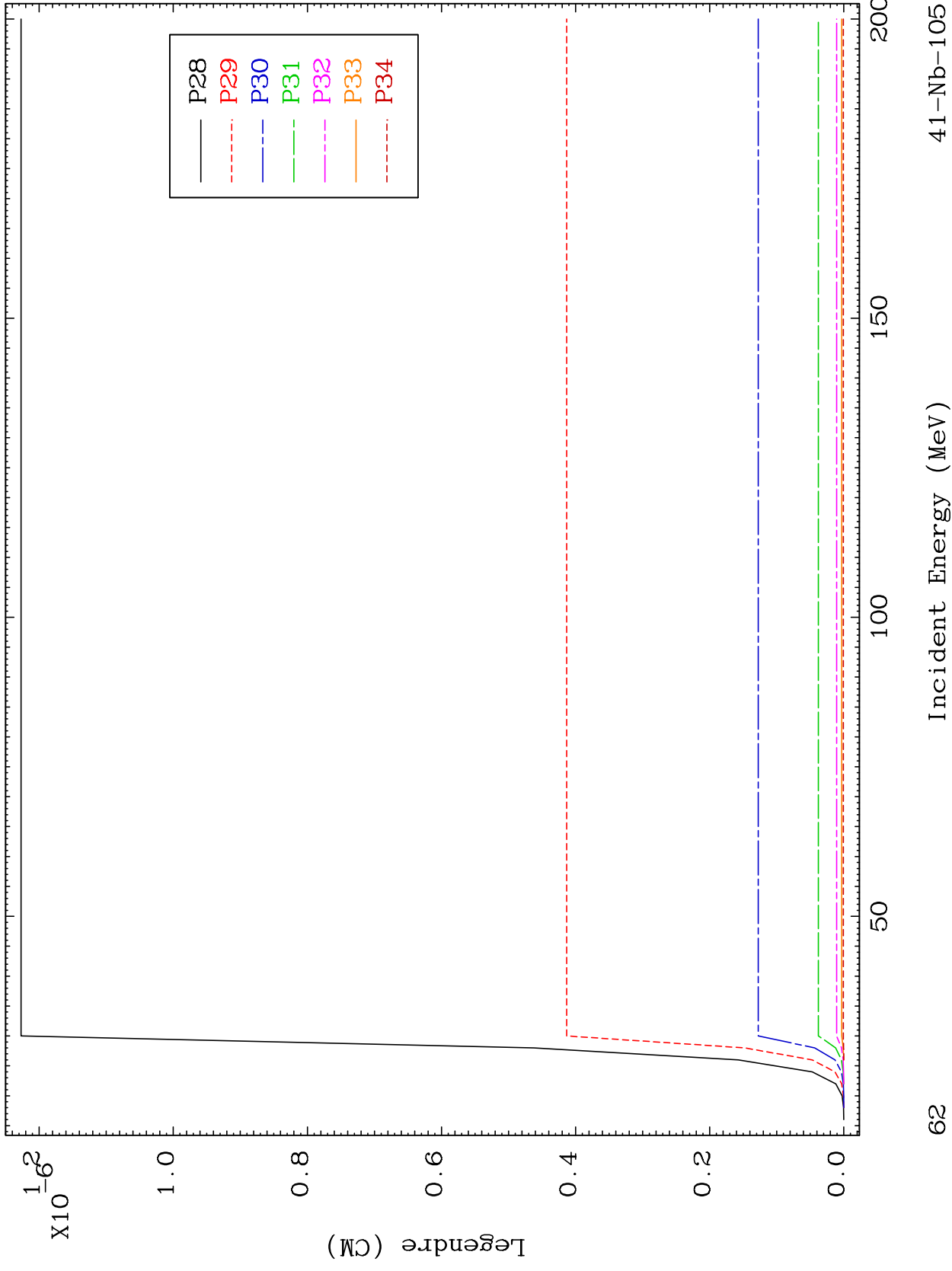
41-Nb-105



MAT 4161

1.171 MeV (n,n') Level
Legendre Coefficients

41-Nb-105



62

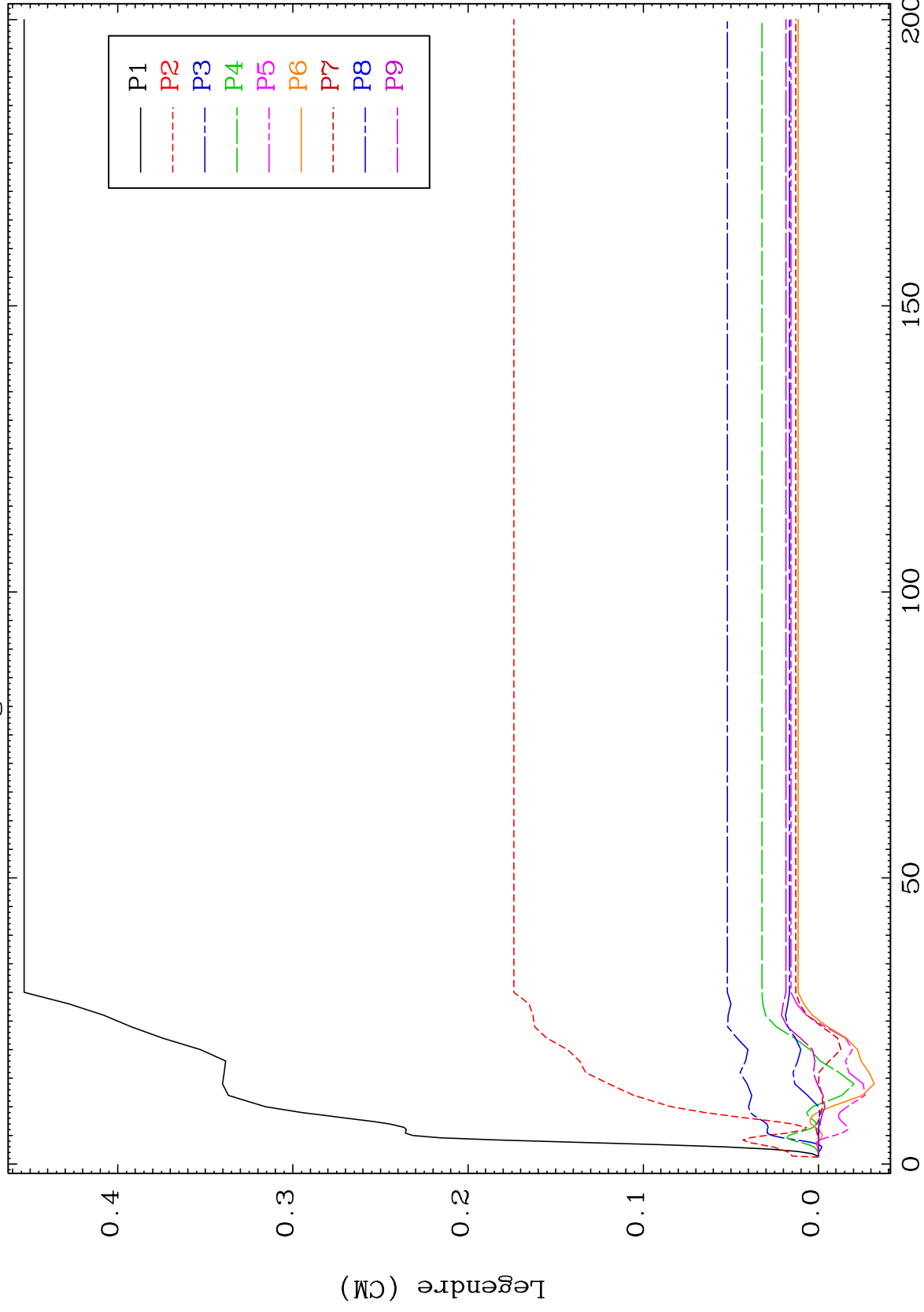
Incident Energy (MeV)

41-Nb-105

MAT 4161

1.183 MeV (n,n') Level
Legendre Coefficients

41-Nb-105



63

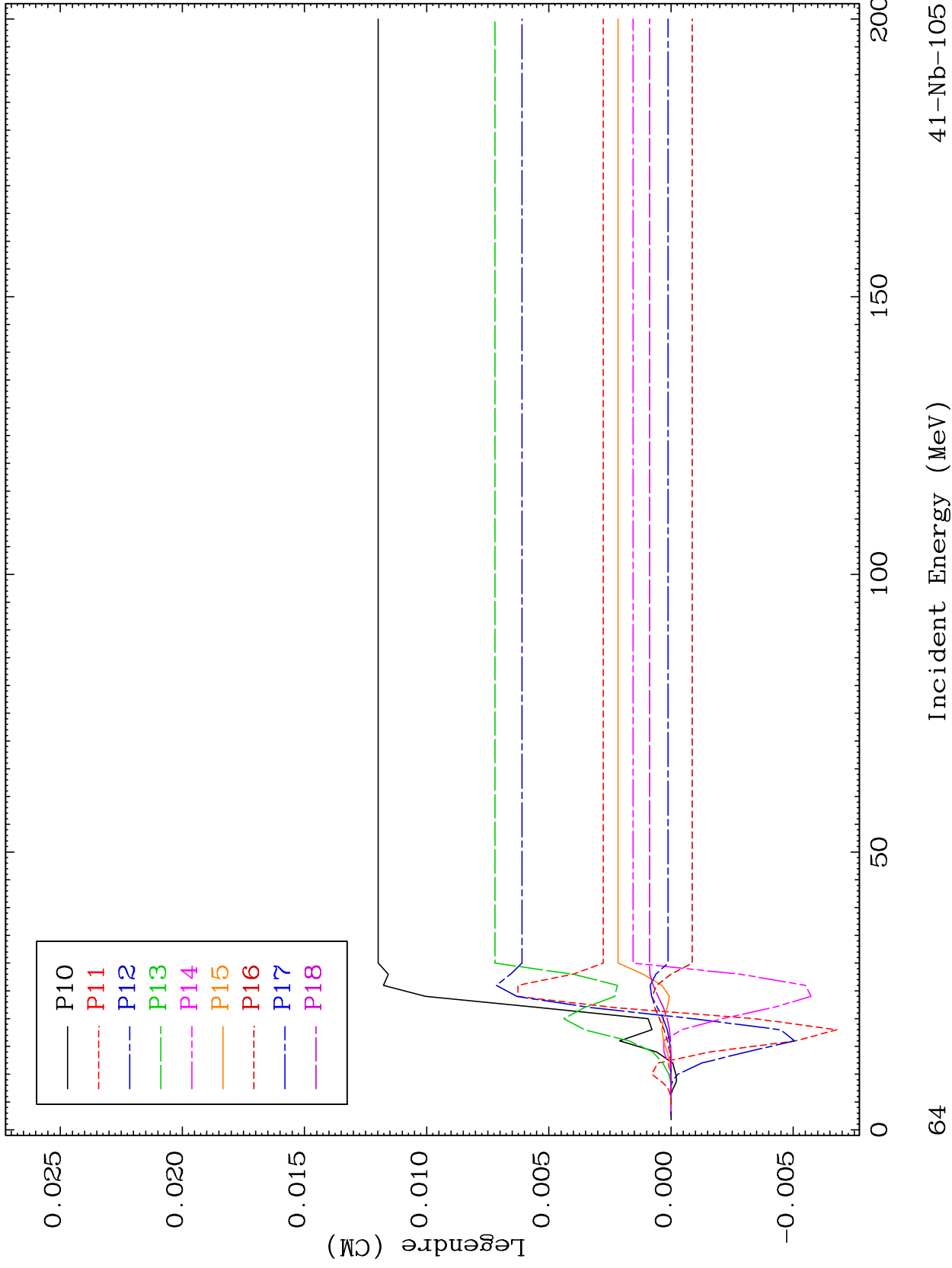
Incident Energy (MeV)

41-Nb-105

MAT 4161

1.183 MeV (n,n') Level
Legendre Coefficients

41-Nb-105



64

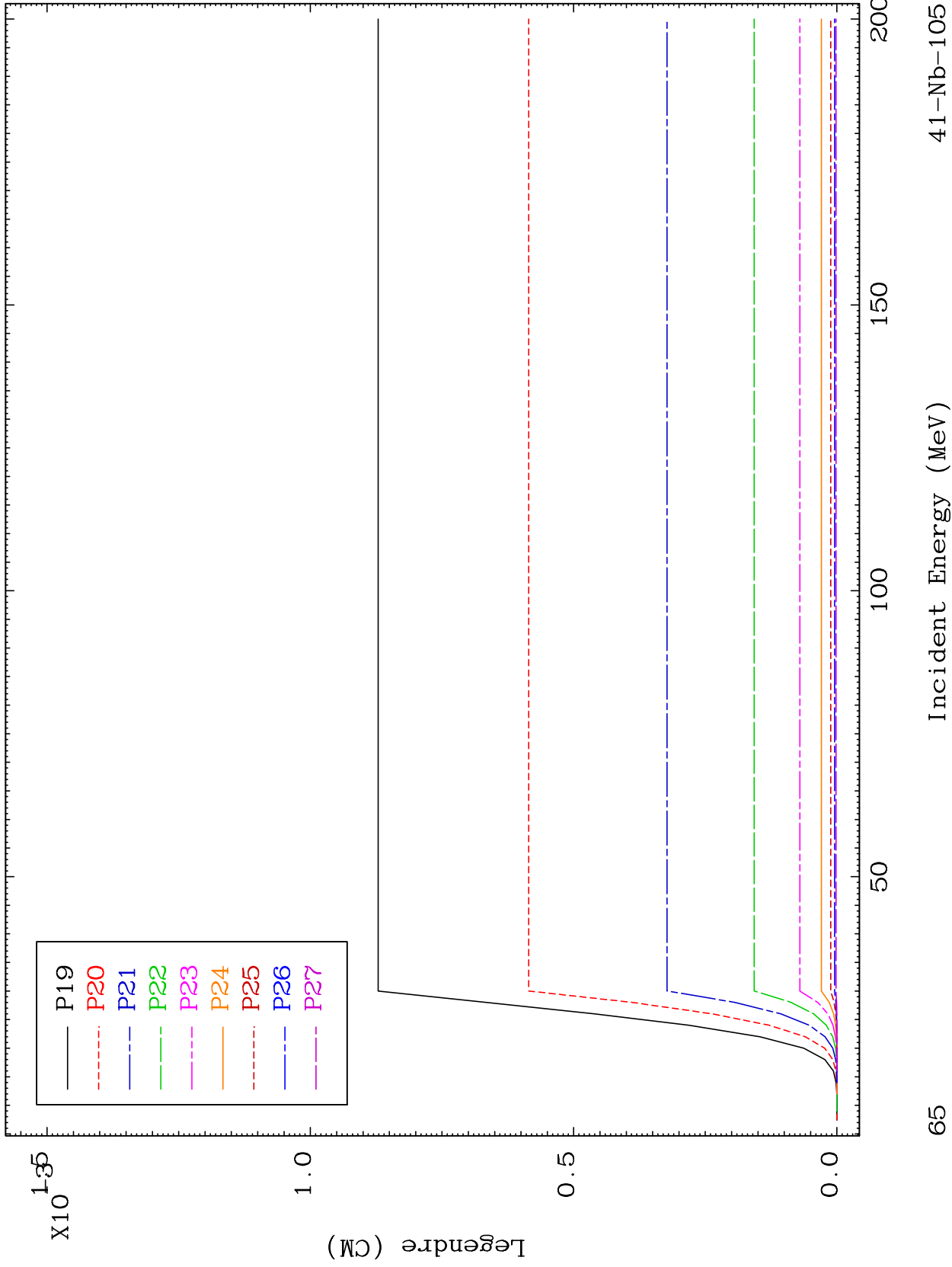
Incident Energy (MeV)

41-Nb-105

MAT 4161

1.183 MeV (n, n') Level
Legendre Coefficients

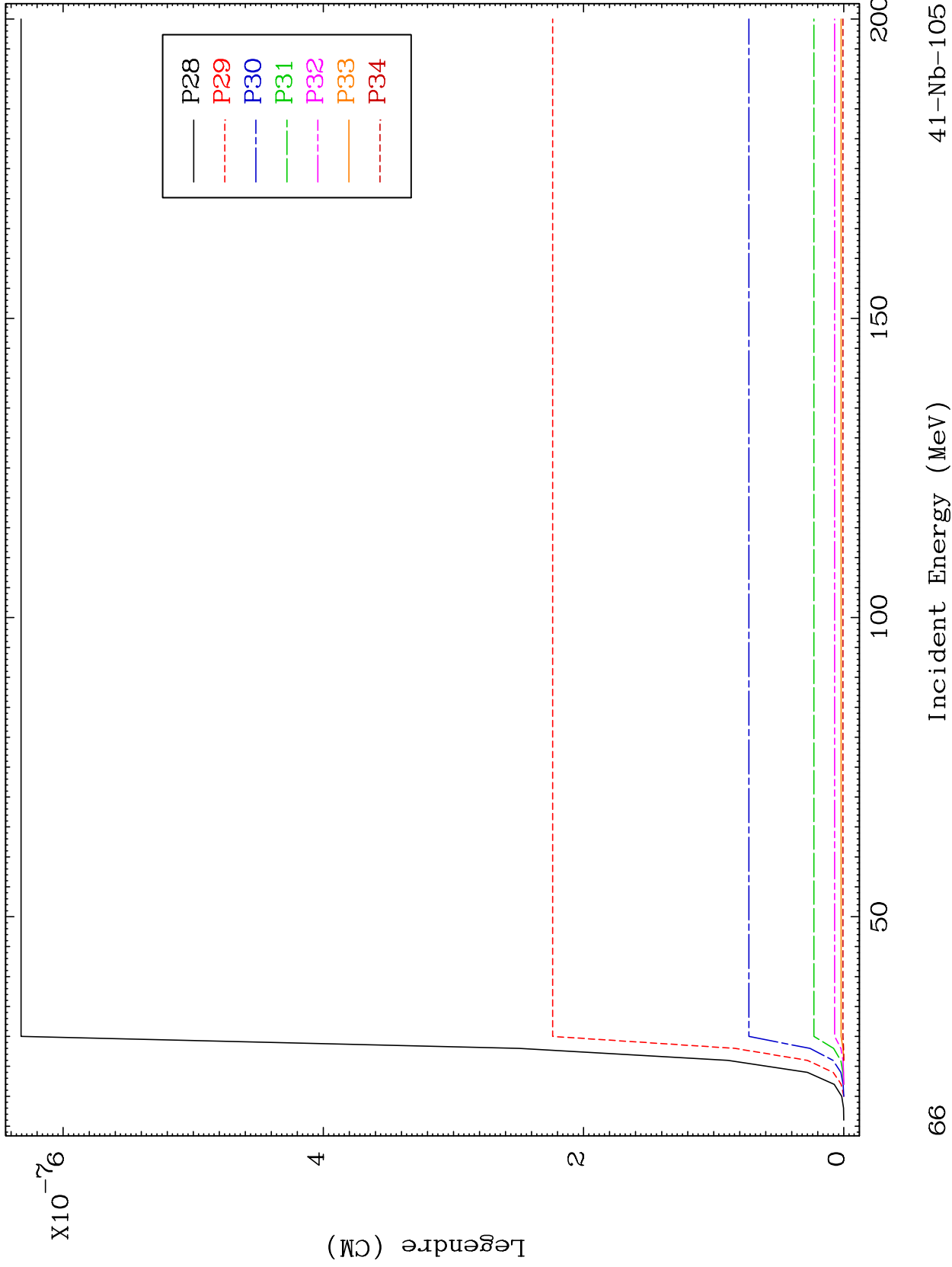
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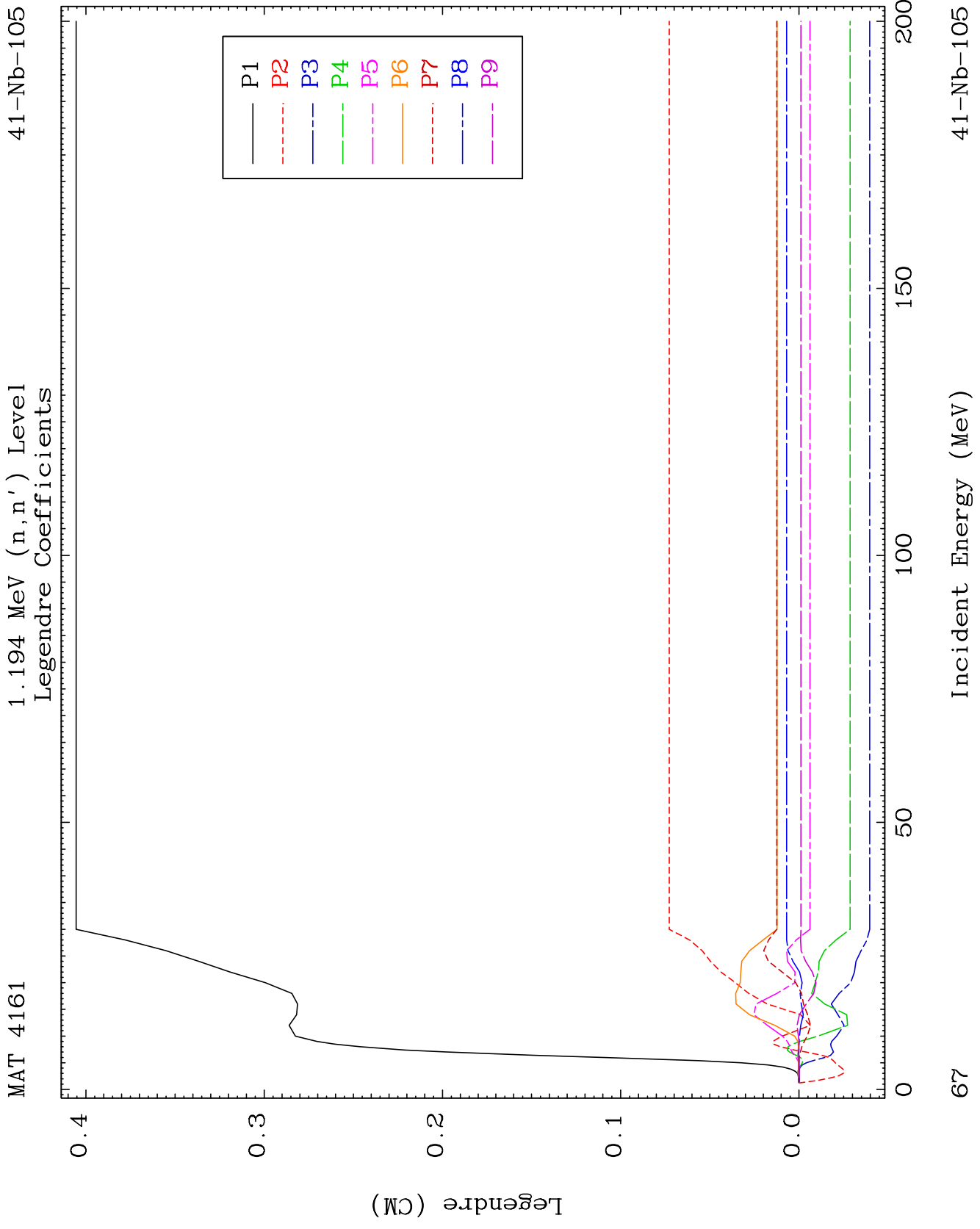


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Incident Energy (MeV)

41-Nb-105

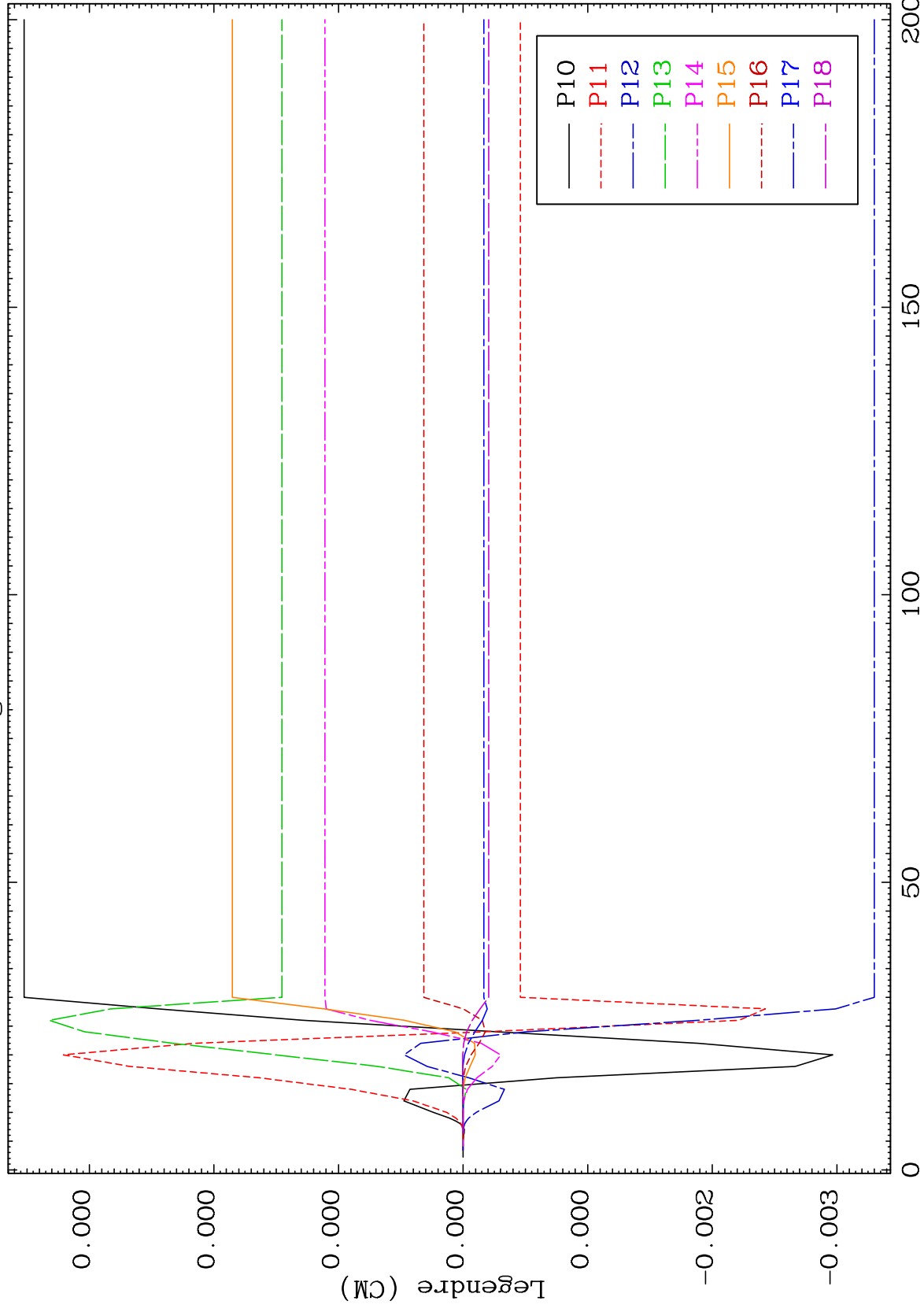




MAT 4161

1.194 MeV (n,n') Level
Legendre Coefficients

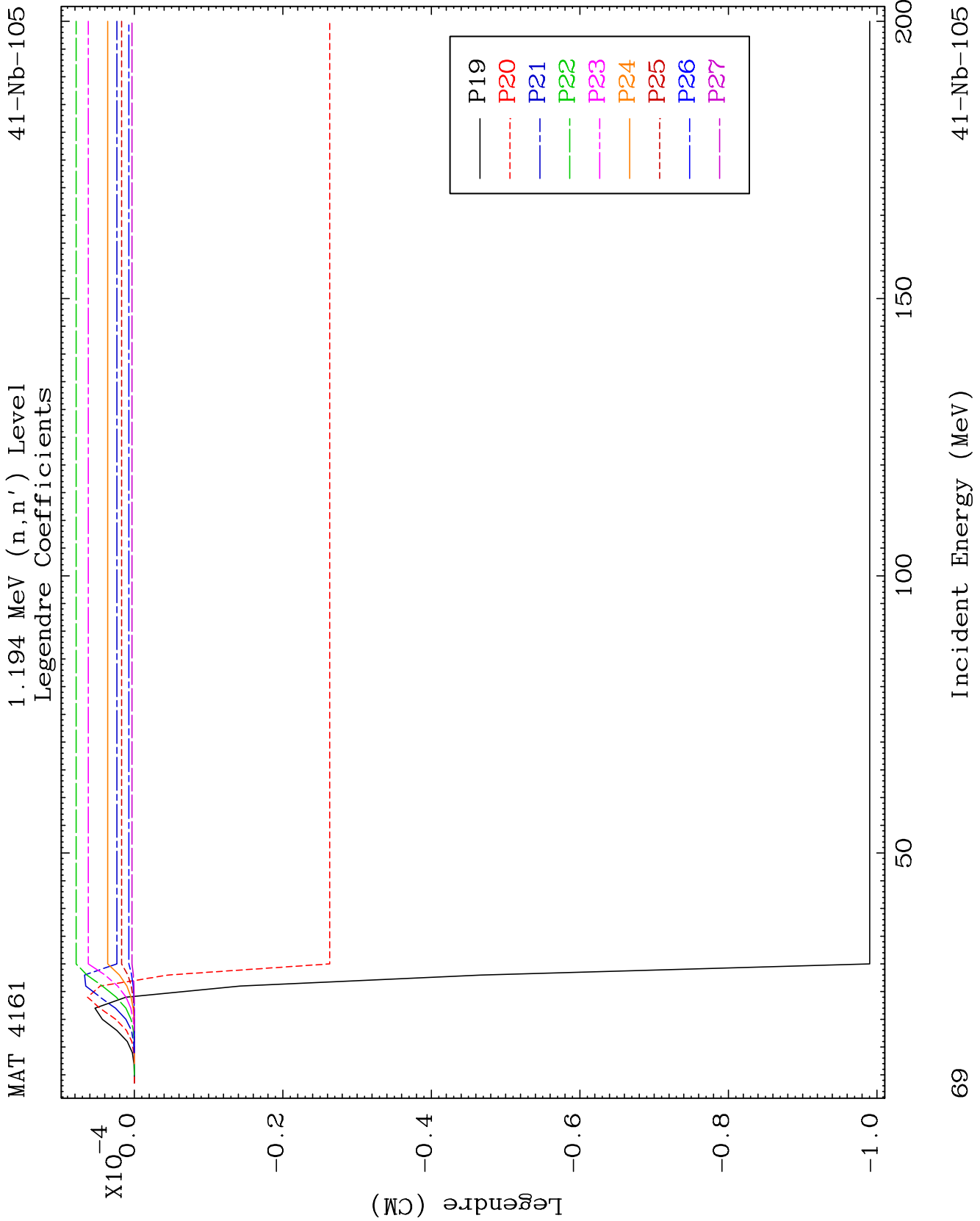
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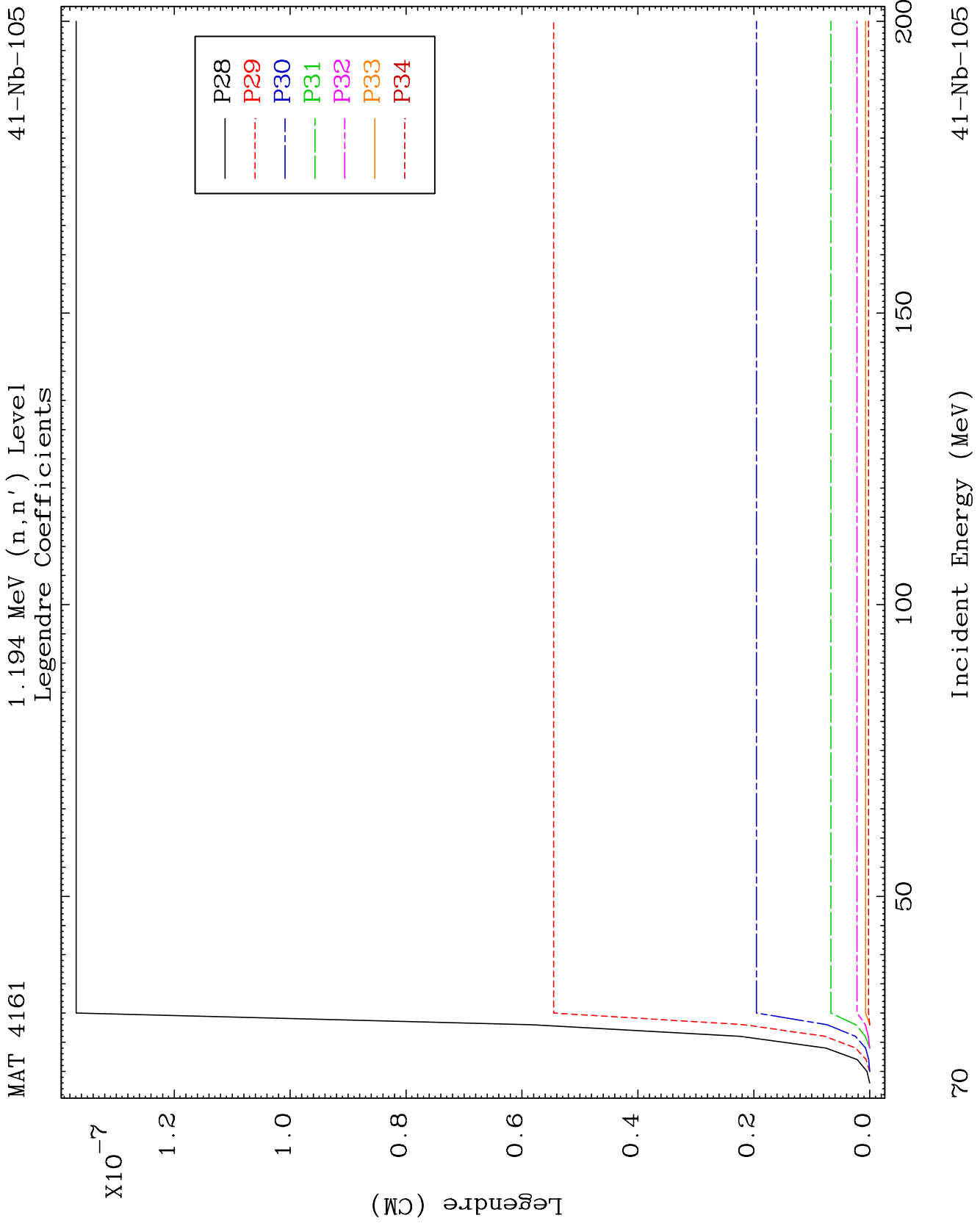


68

Incident Energy (MeV)

41-Nb-105

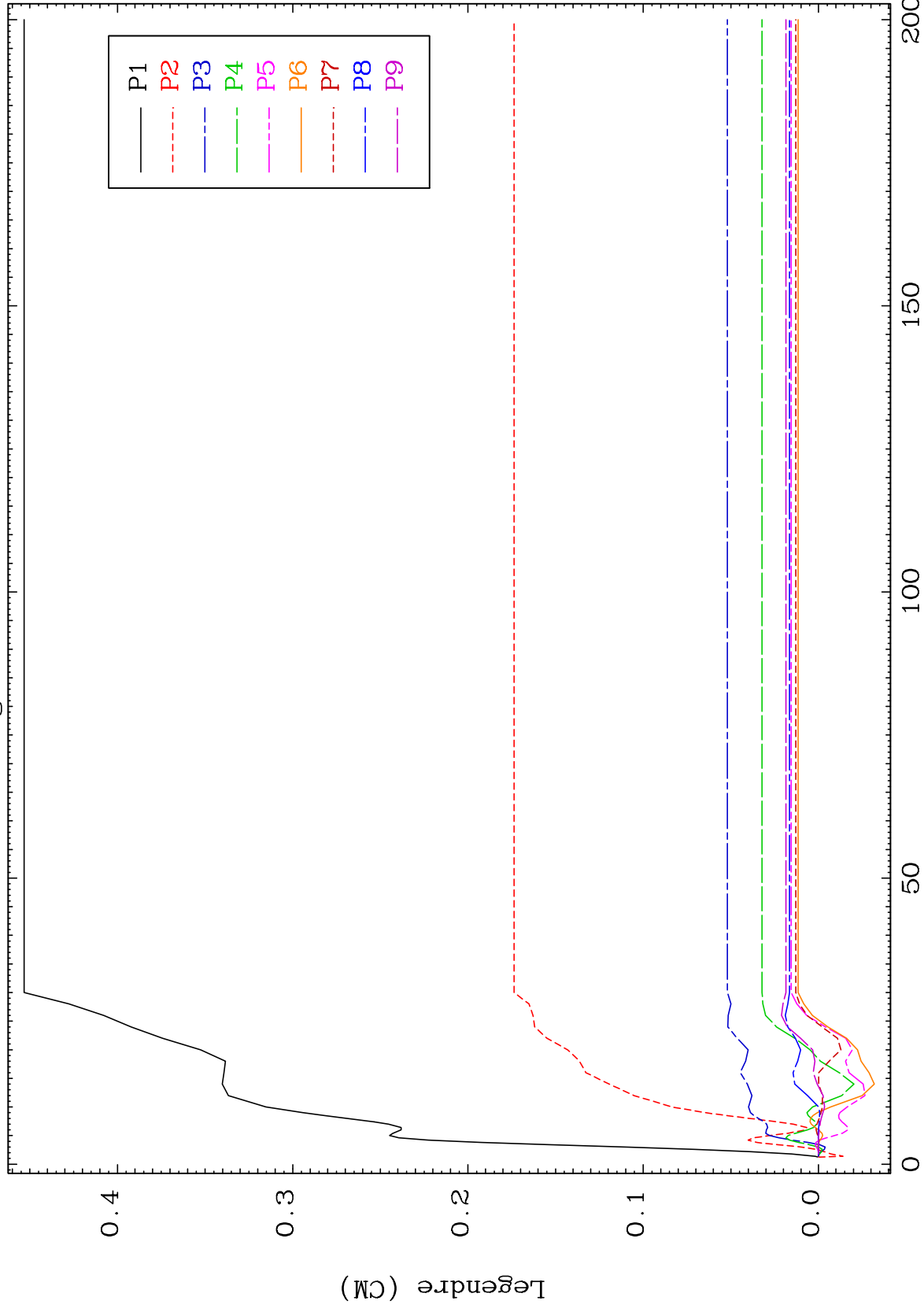




MAT 4161

1.212 MeV (n,n') Level
Legendre Coefficients

41-Nb-105



71

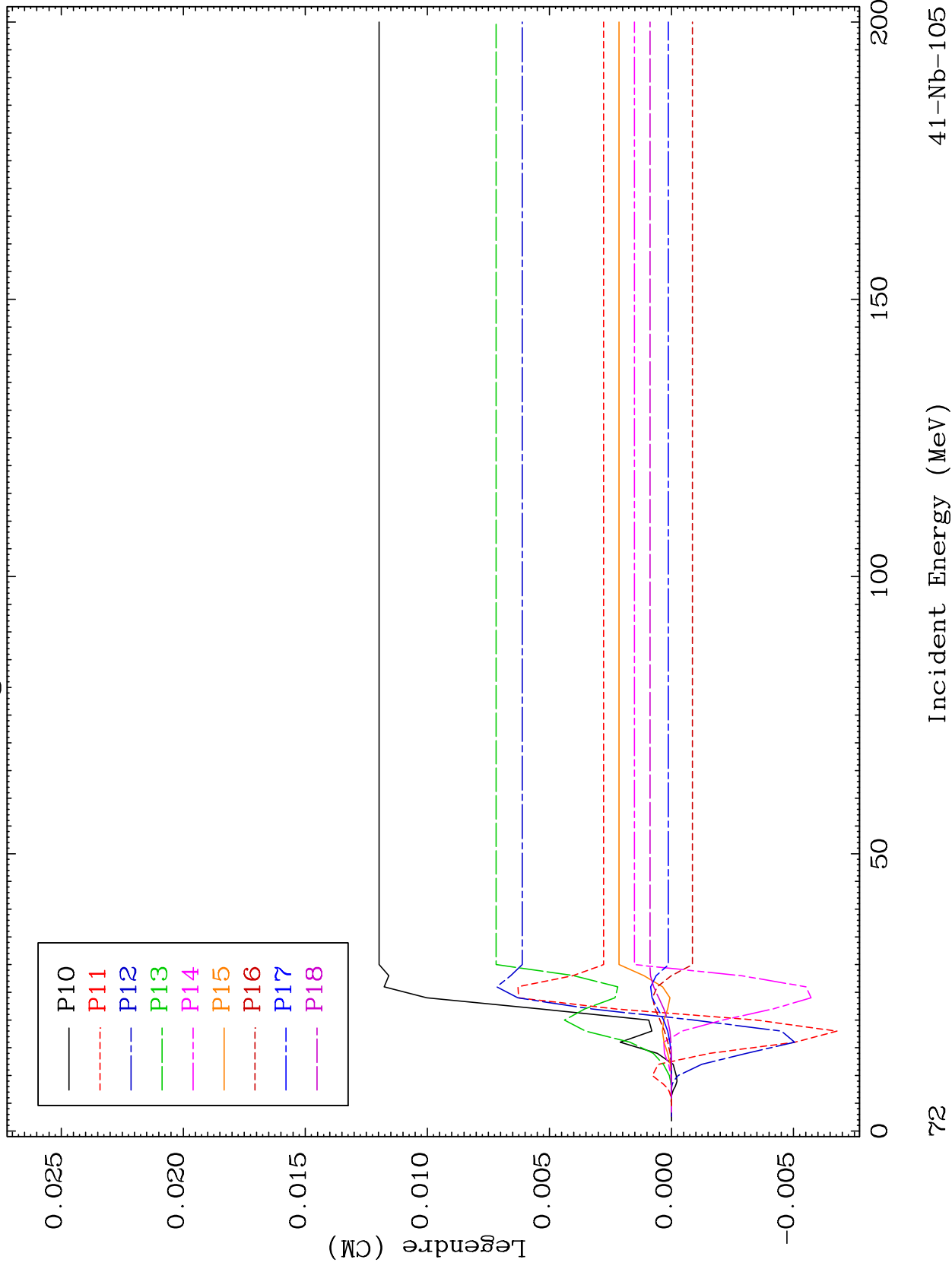
Incident Energy (MeV)

41-Nb-105

MAT 4161

1.212 MeV (n,n') Level
Legendre Coefficients

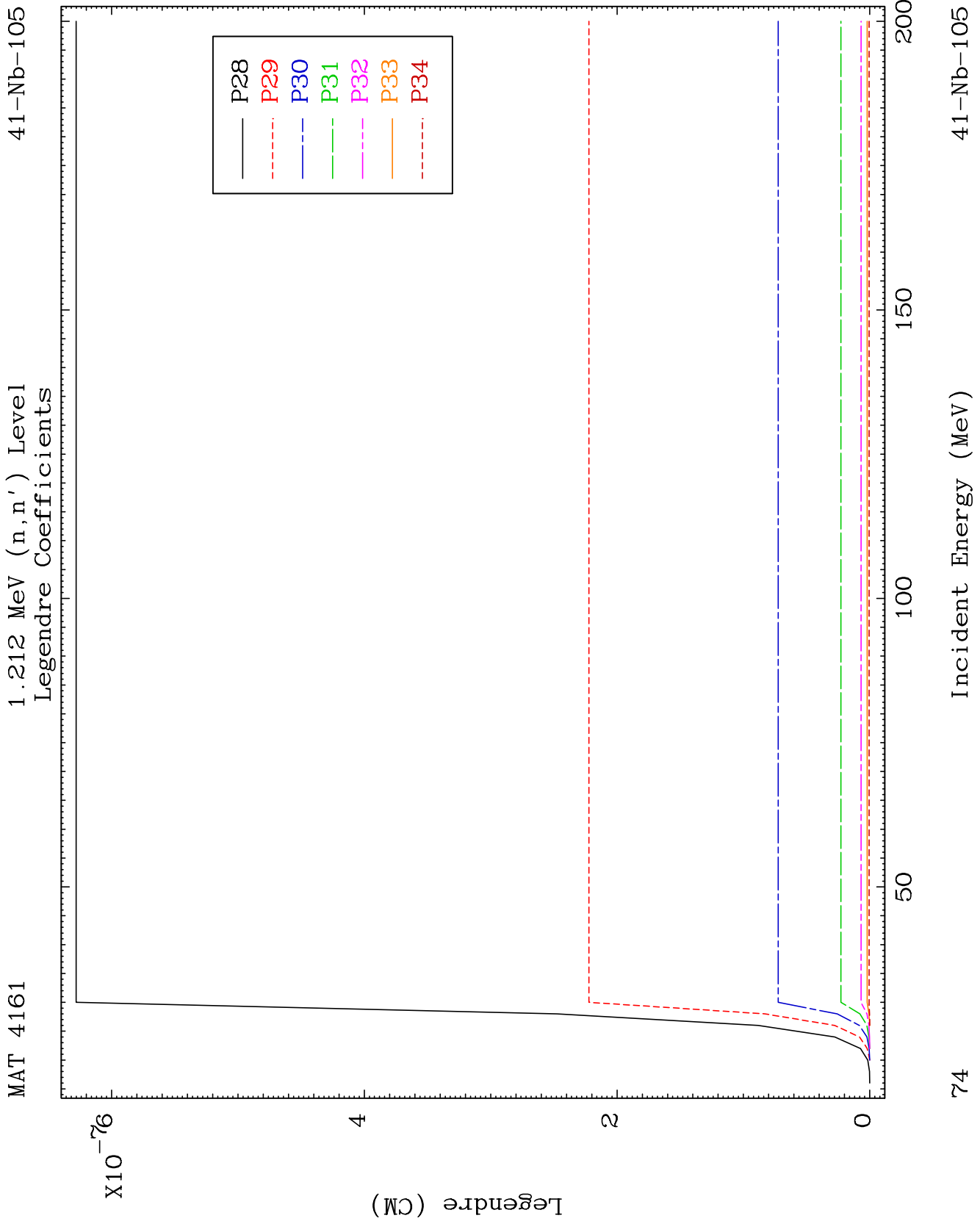
41-Nb-105



72

Incident Energy (MeV)

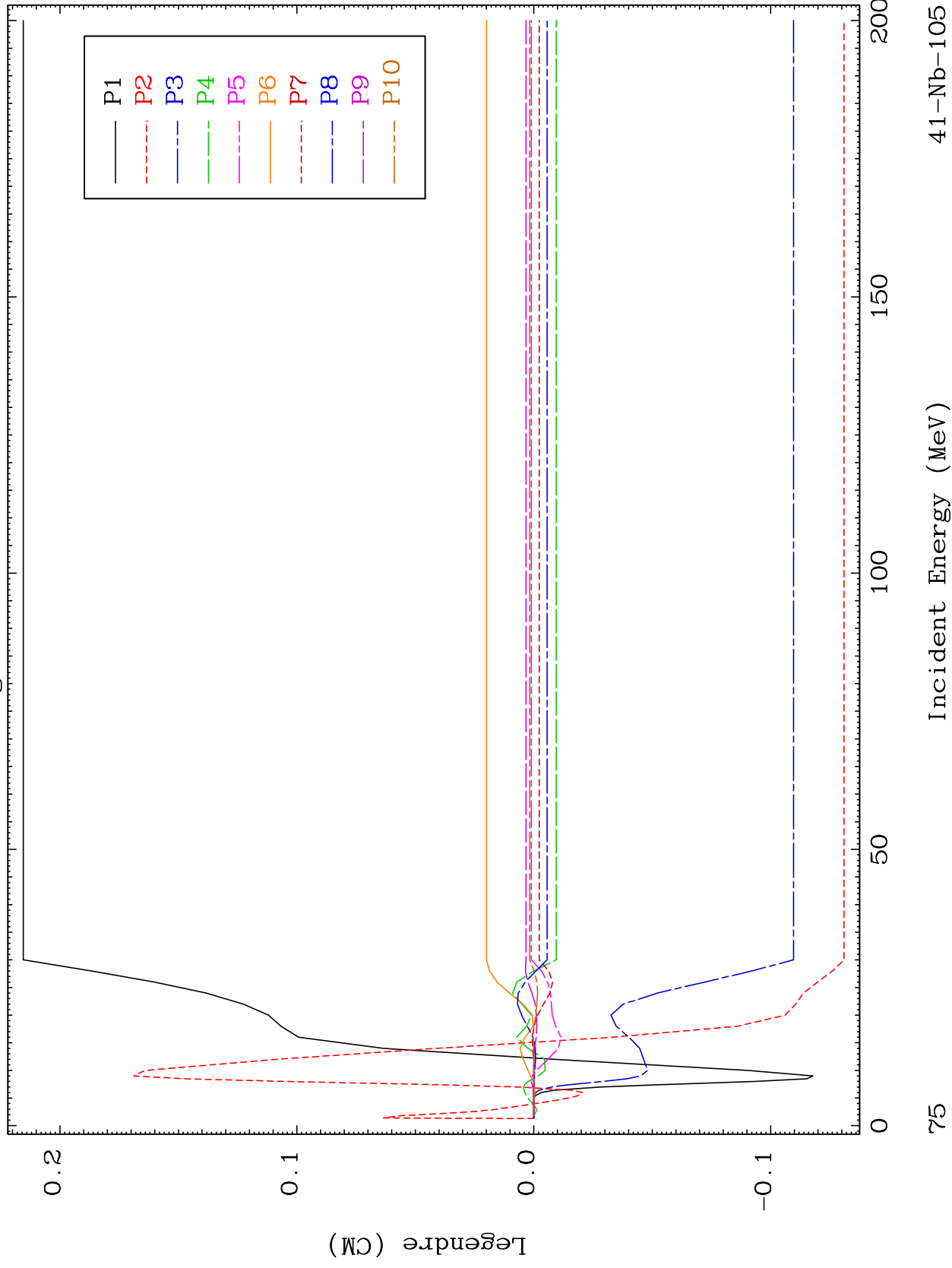
41-Nb-105



MAT 4161

1.275 MeV (n,n') Level
Legendre Coefficients

41-Nb-105



41-Nb-105

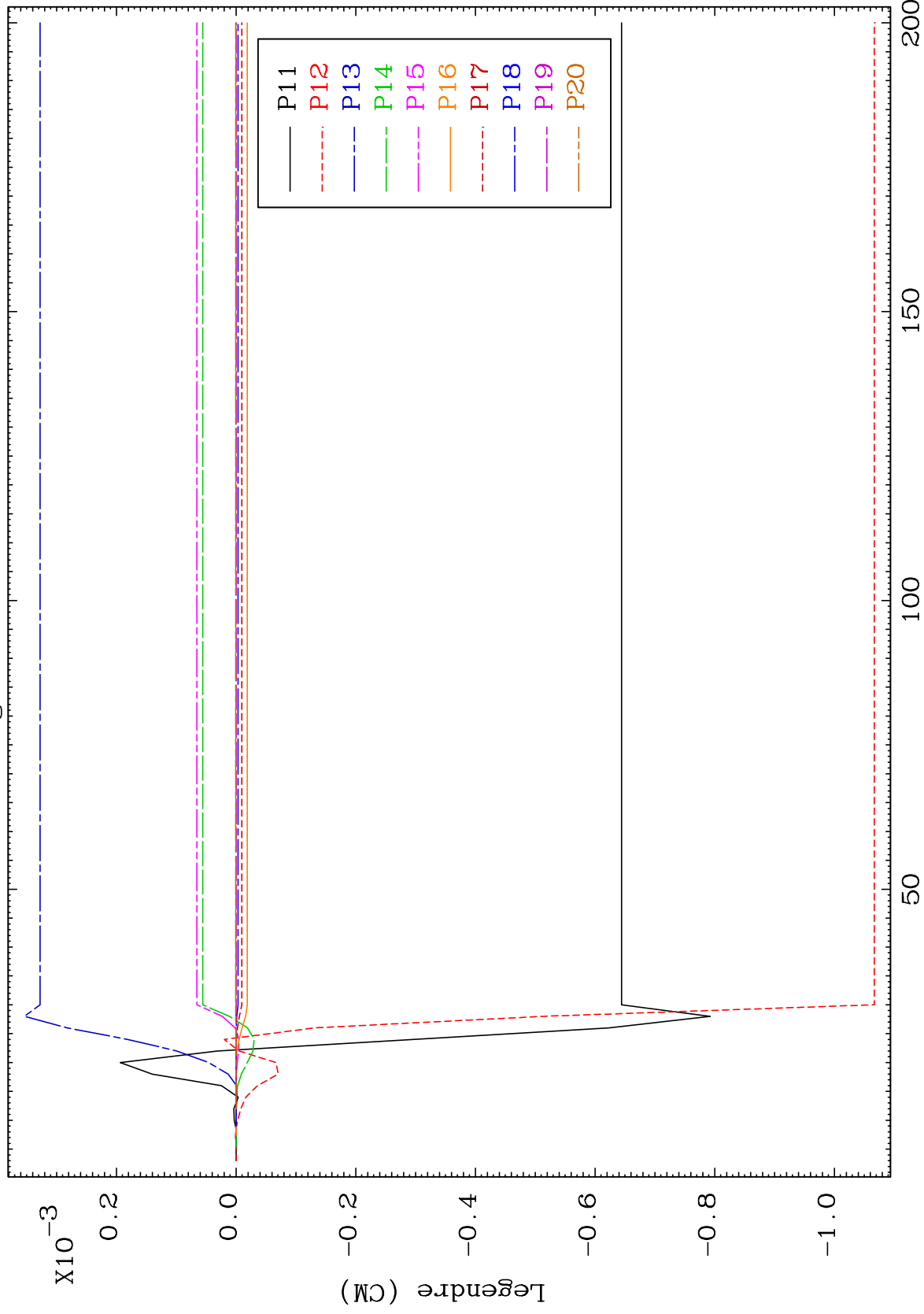
Incident Energy (MeV)

75

MAT 4161

1.275 MeV (n,n') Level
Legendre Coefficients

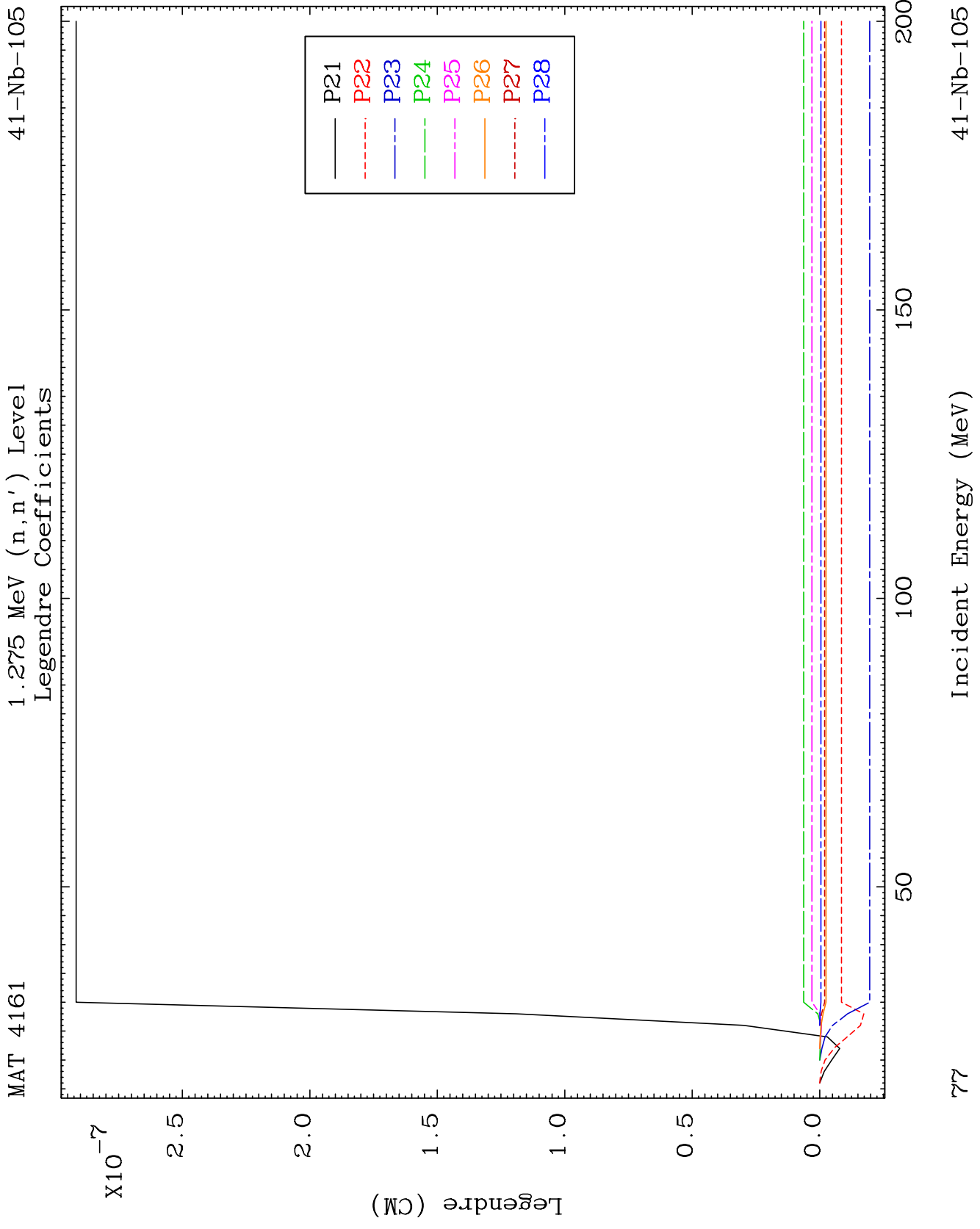
41-Nb-105



76

Incident Energy (MeV)

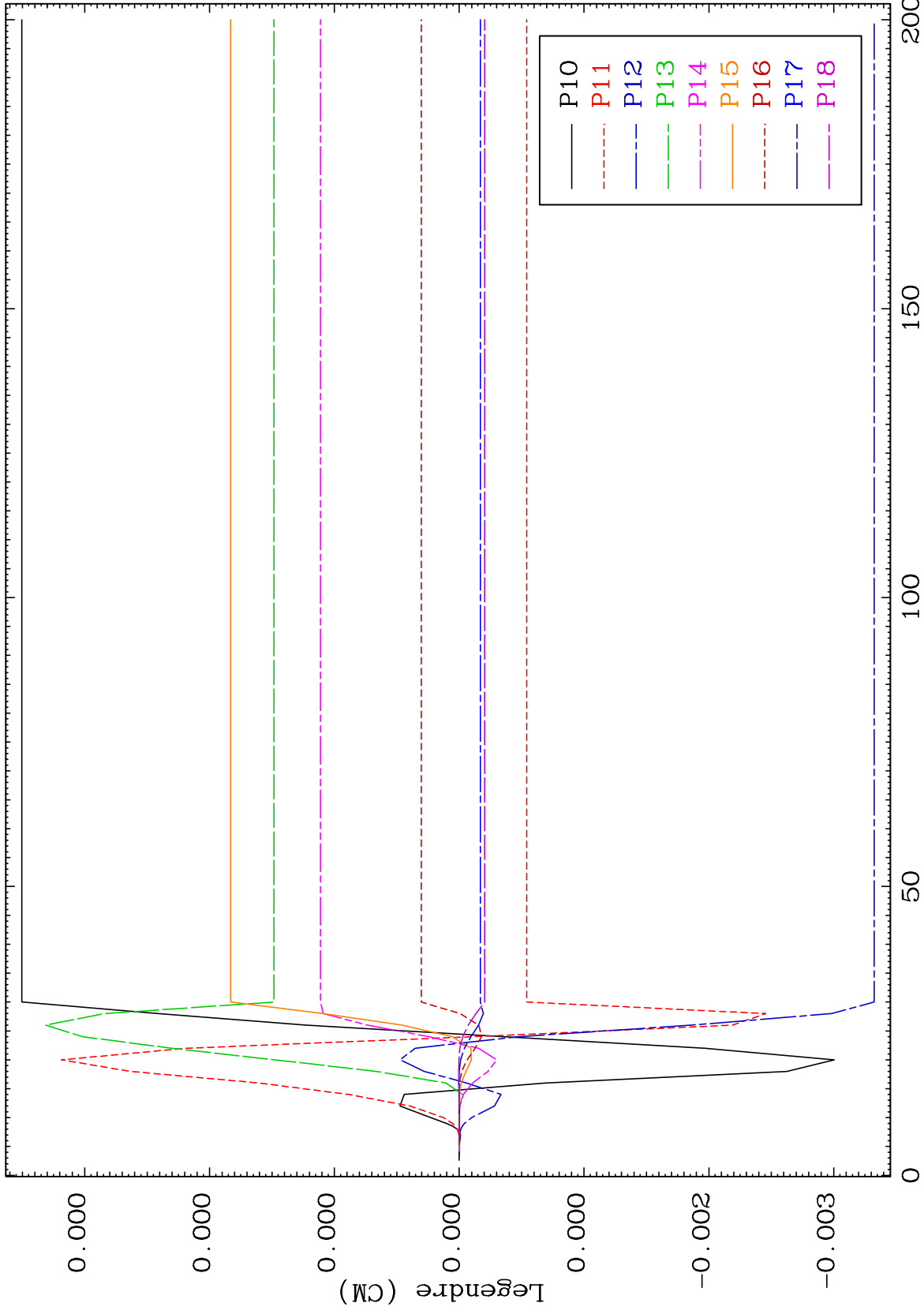
41-Nb-105



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1.295 MeV (n,n') Level
Legendre Coefficients

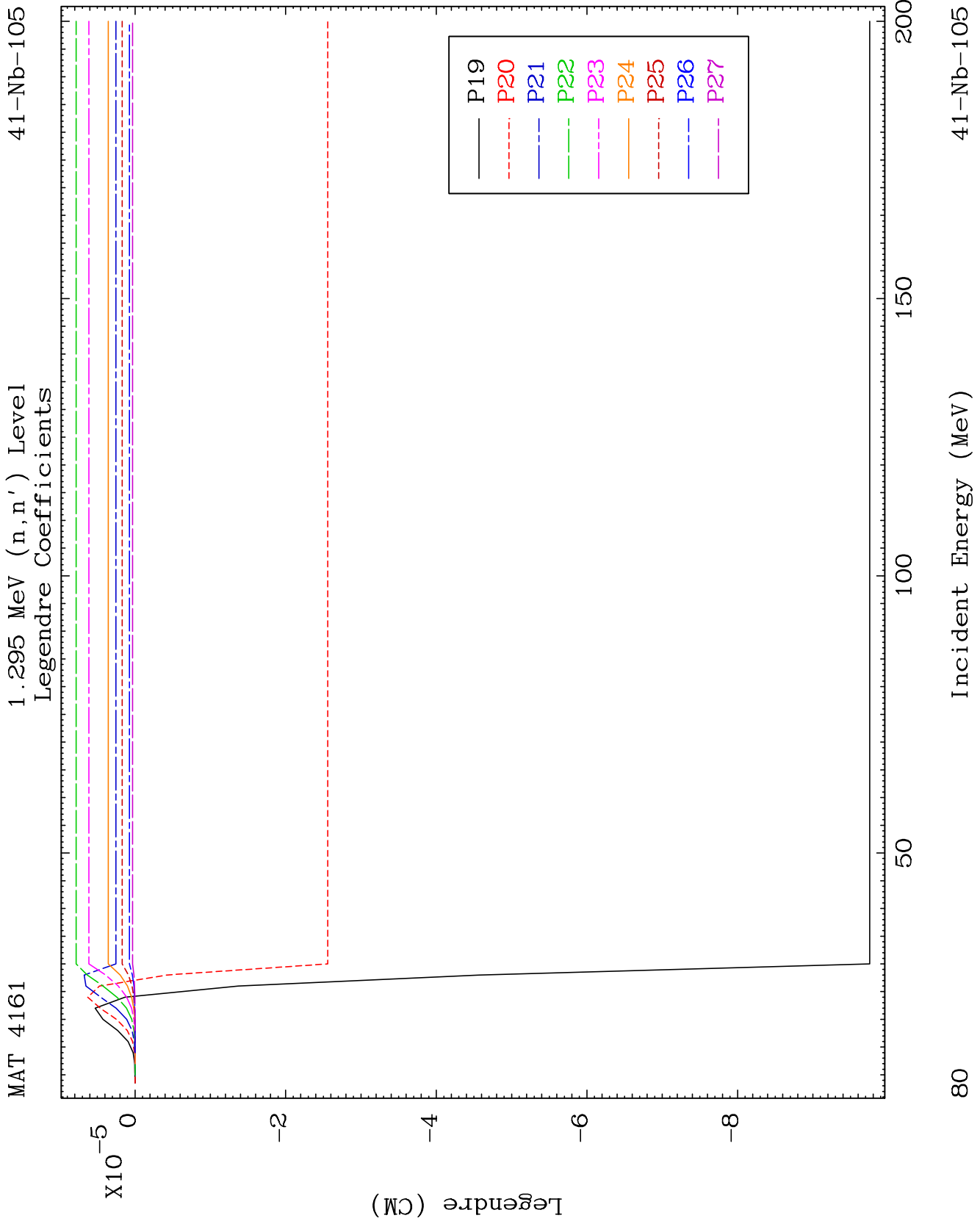
41-Nb-105

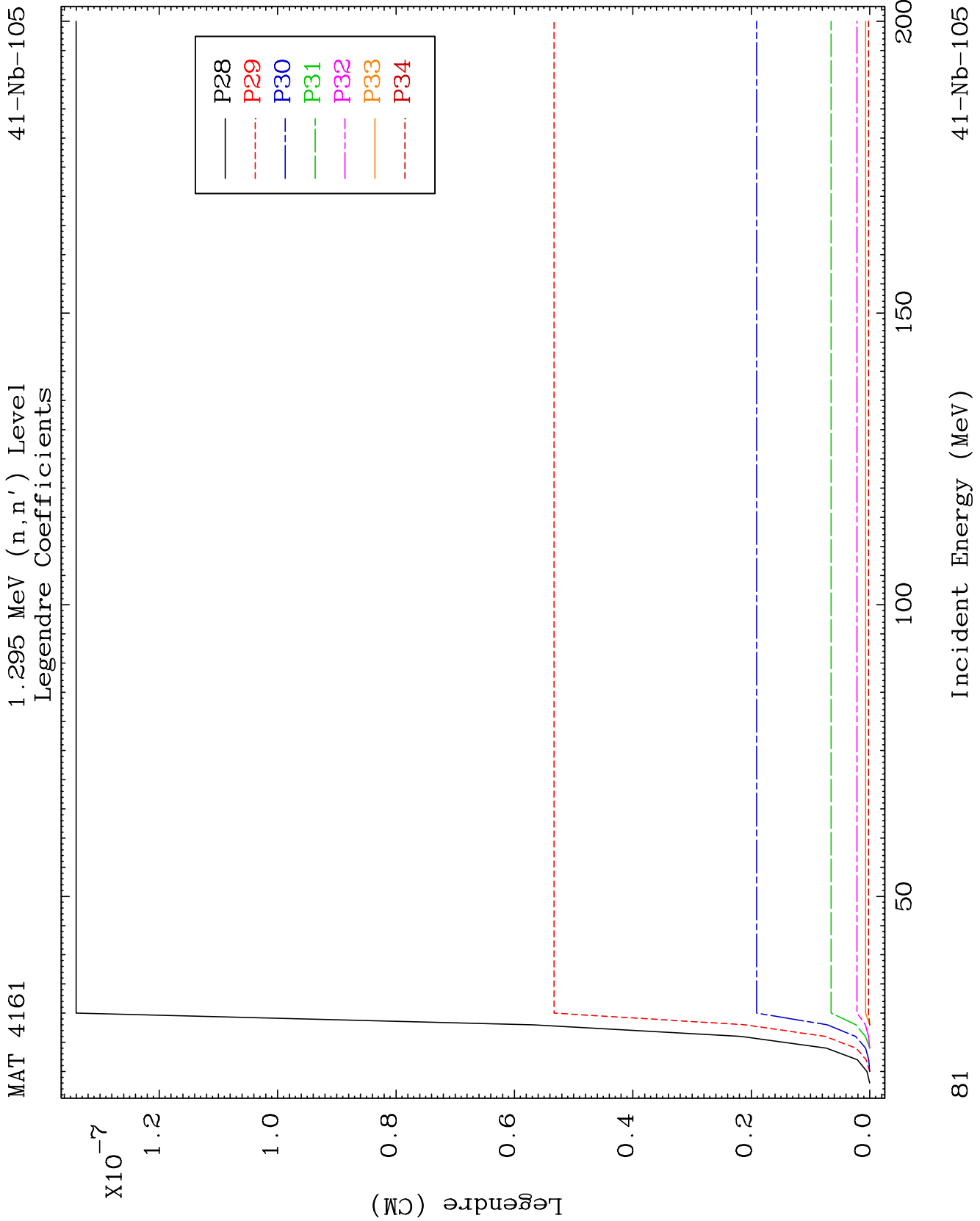


79

Incident Energy (MeV)

41-Nb-105

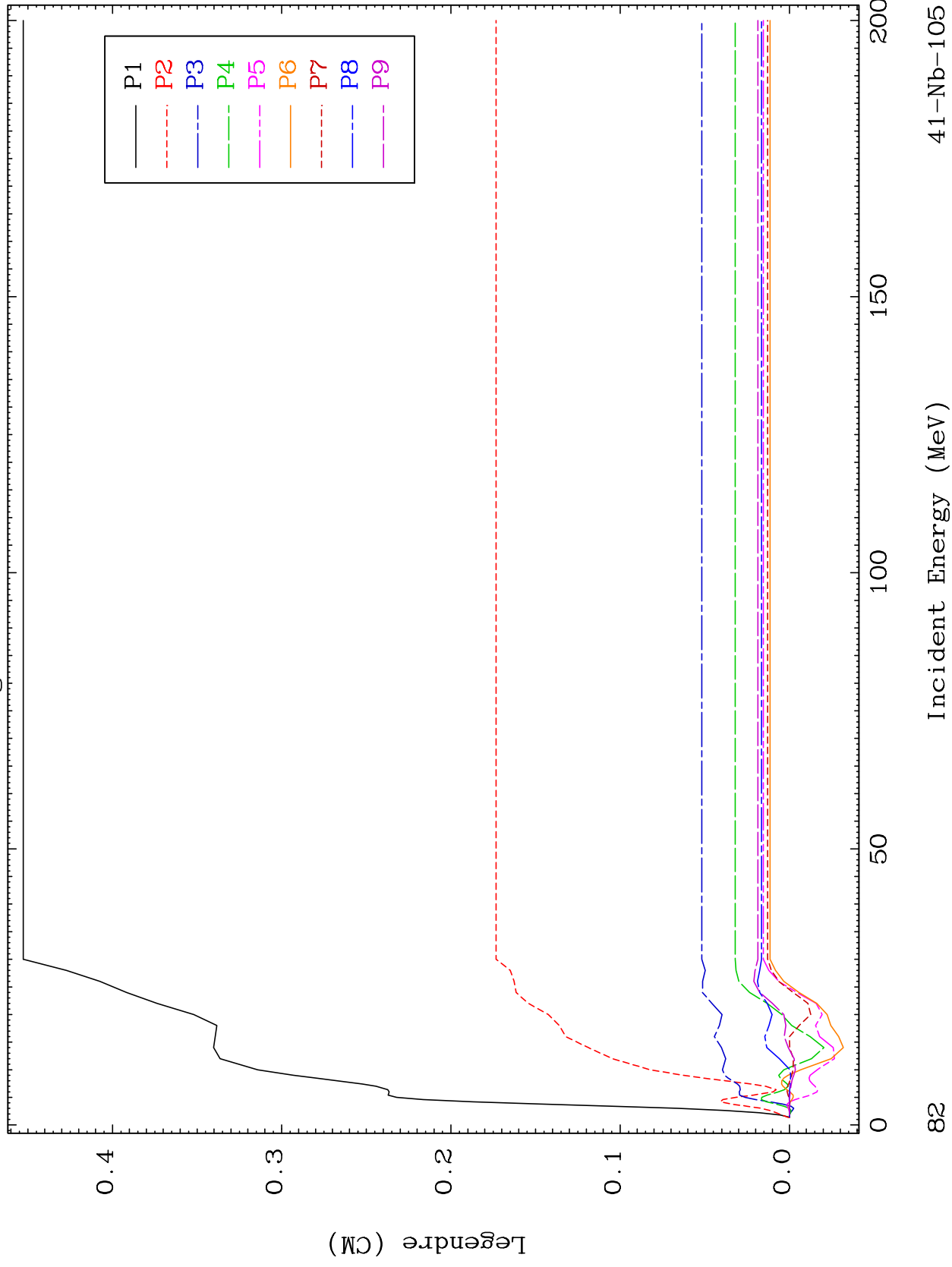




MAT 4161

1.305 MeV (n,n') Level
Legendre Coefficients

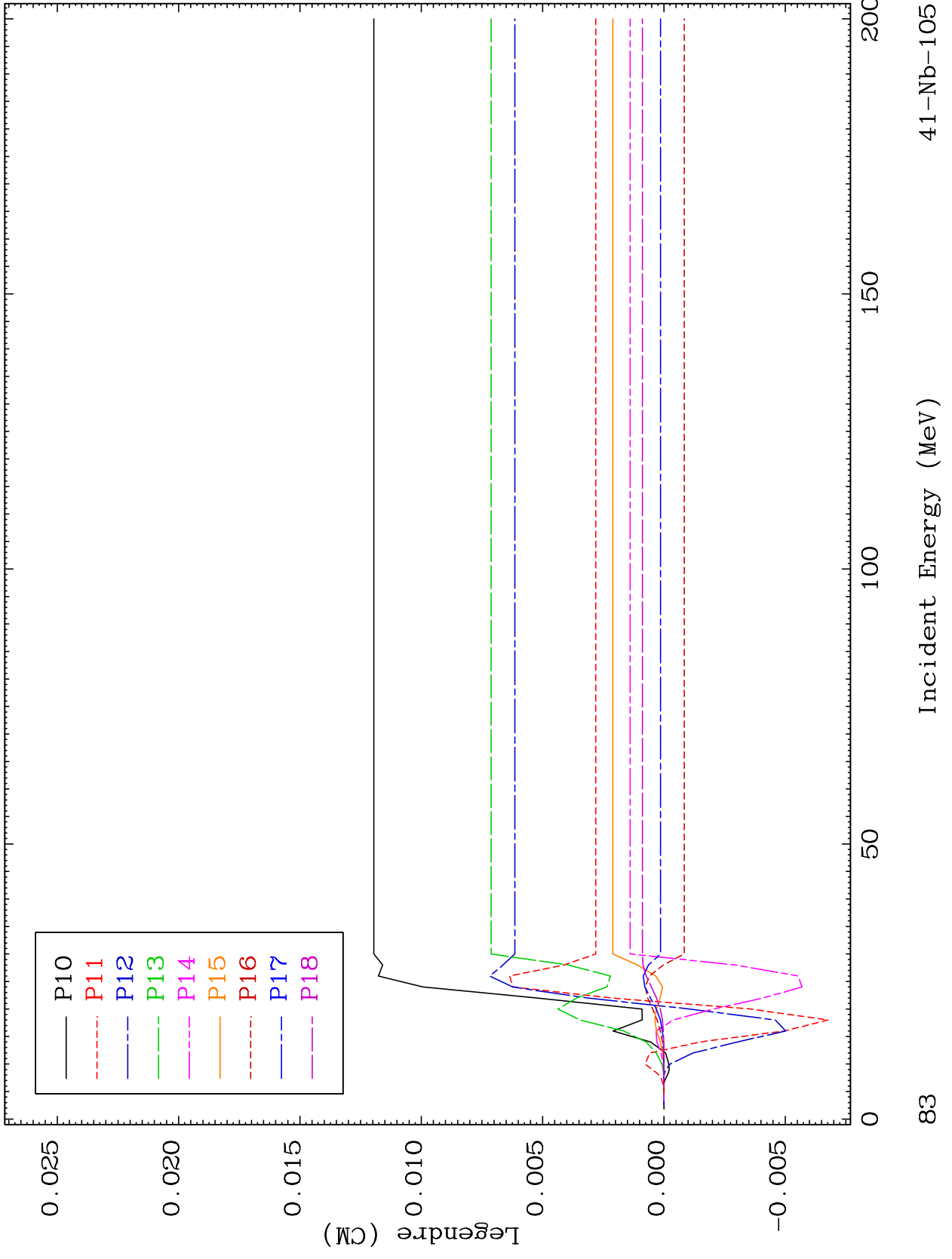
41-Nb-105



MAT 4161

1.305 MeV (n,n') Level
Legendre Coefficients

41-Nb-105



83

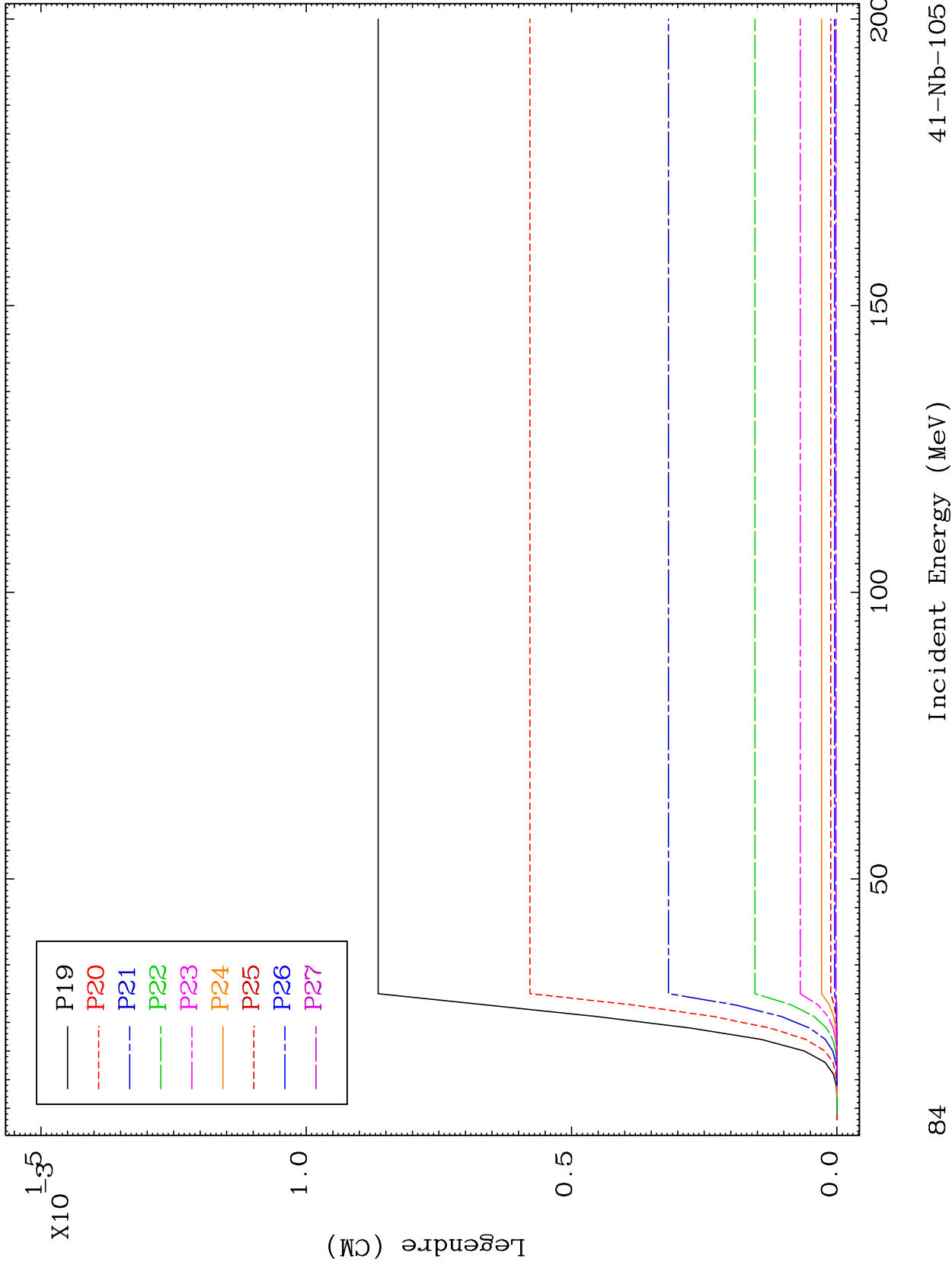
Incident Energy (MeV)

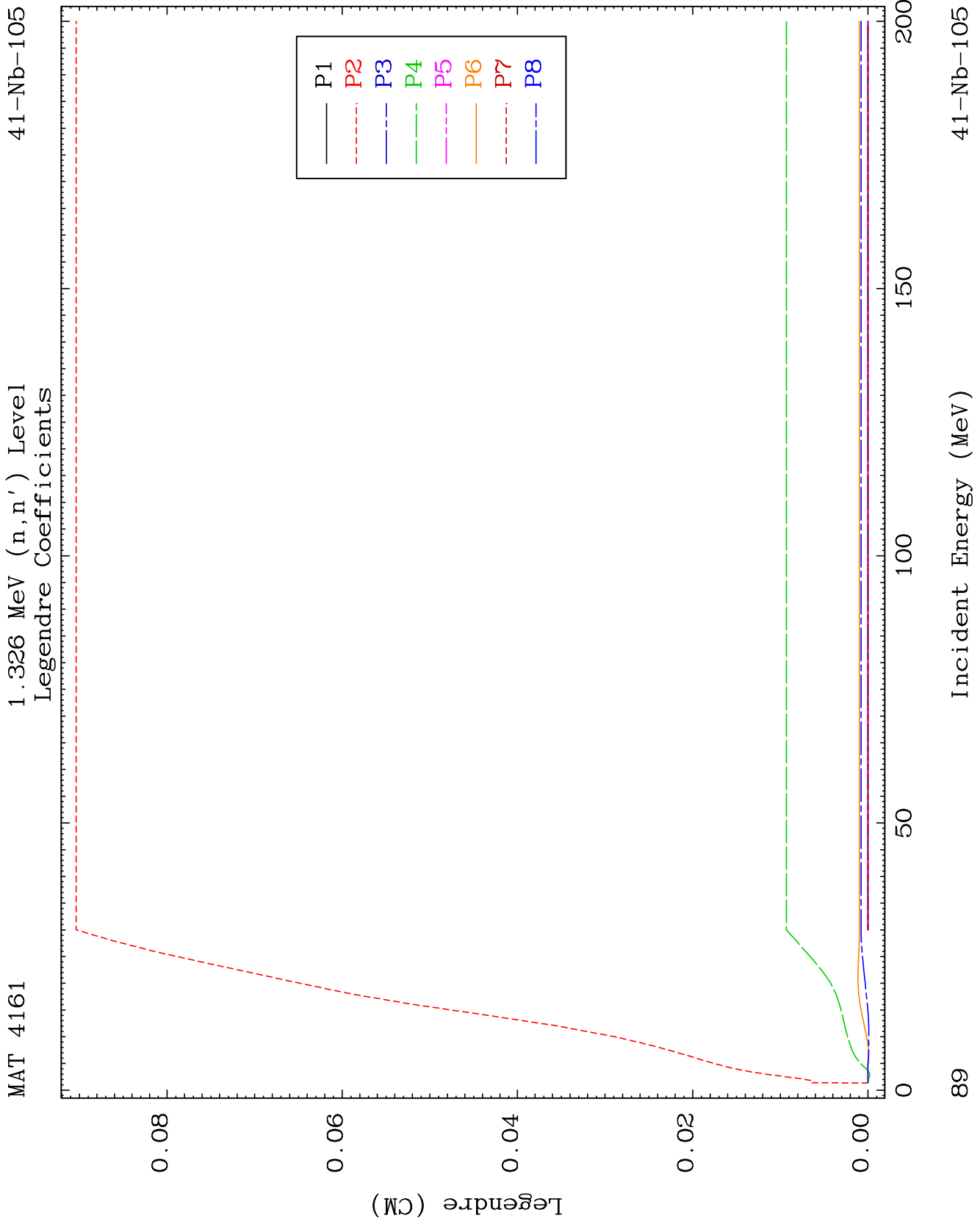
41-Nb-105

MAT 4161

1.305 MeV (n,n') Level
Legendre Coefficients

41-Nb-105

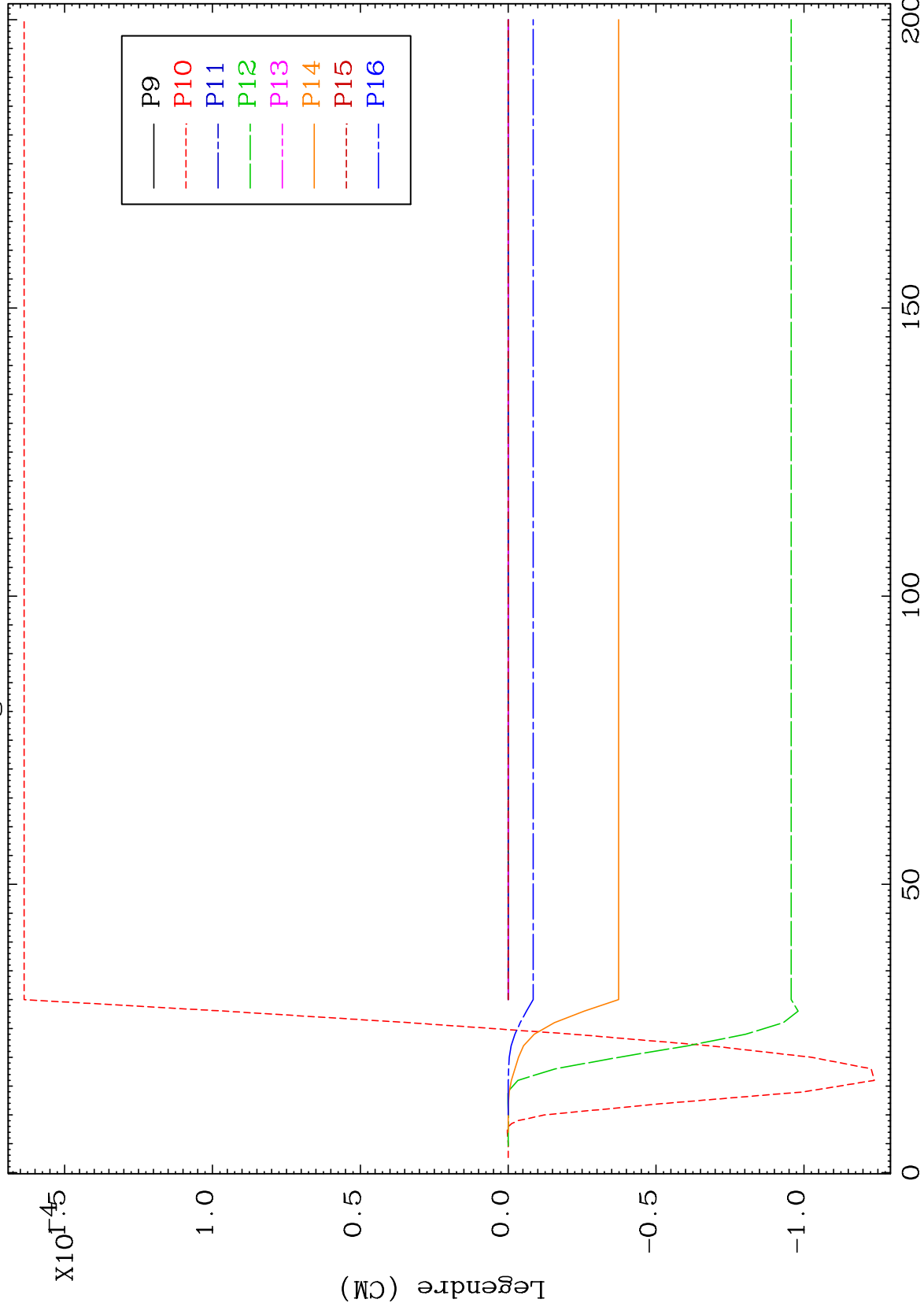




MAT 4161

1.326 MeV (n,n') Level
Legendre Coefficients

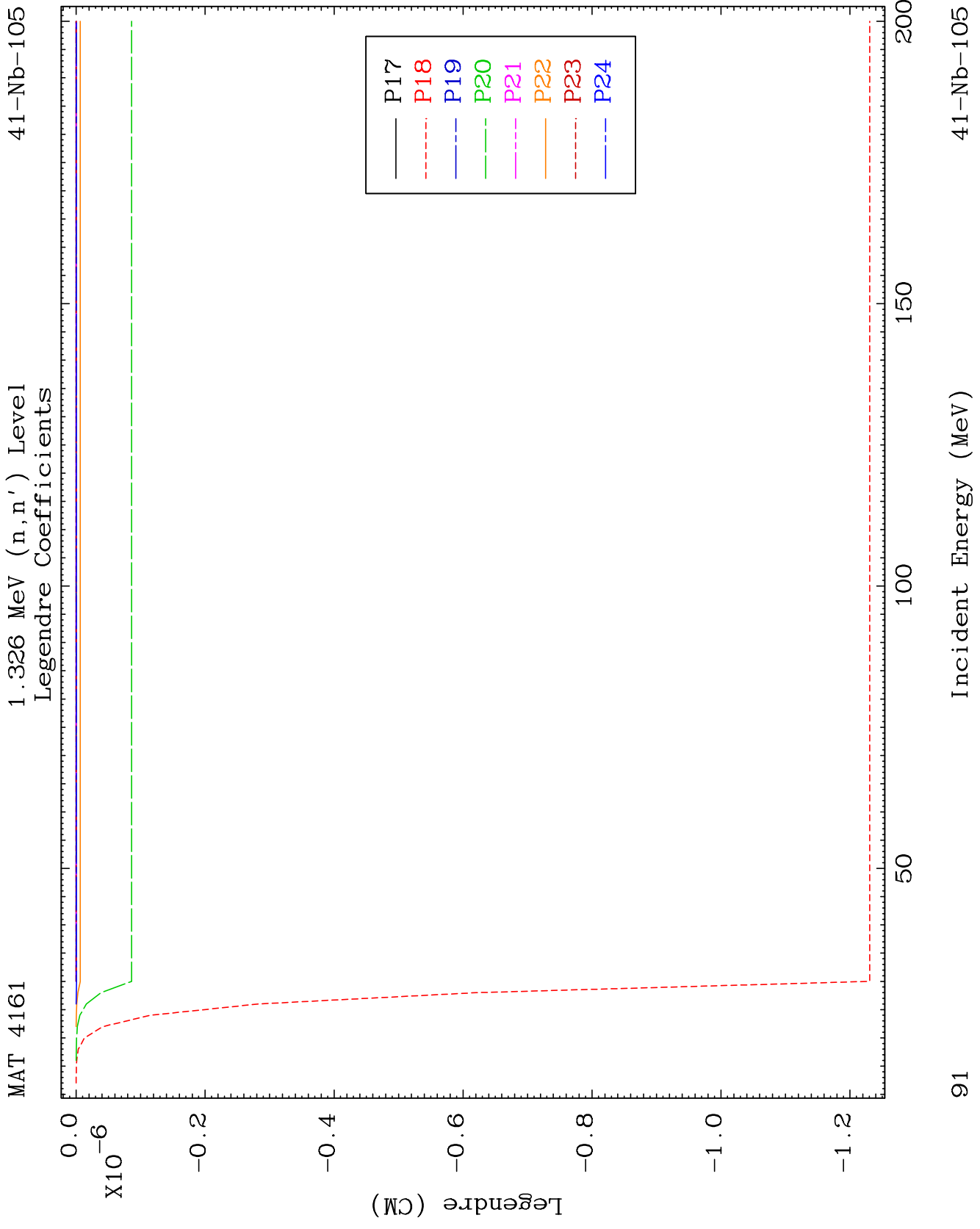
41-Nb-105



41-Nb-105

Incident Energy (MeV)

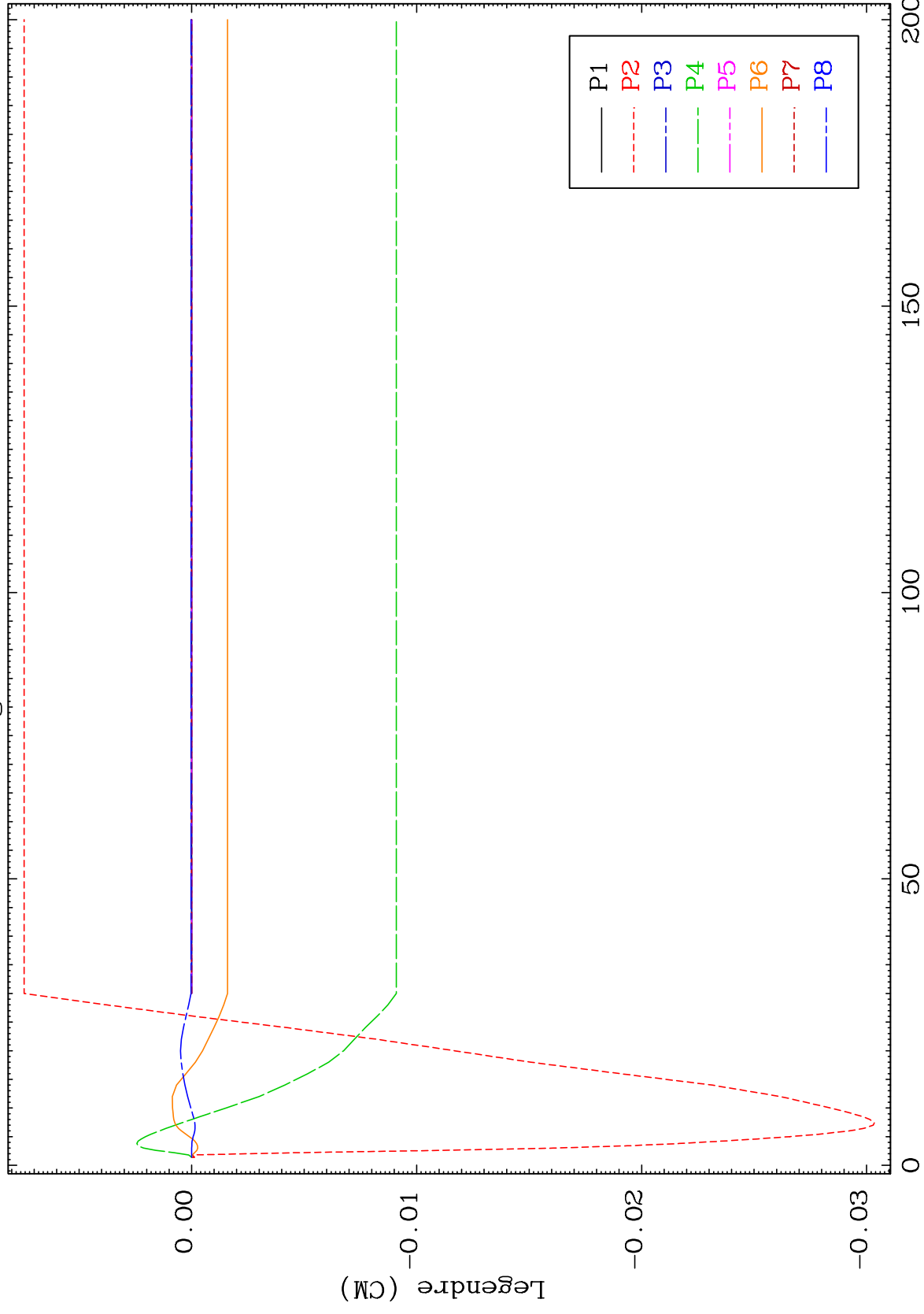
90



MAT 4161

1.334 MeV (n,n') Level
Legendre Coefficients

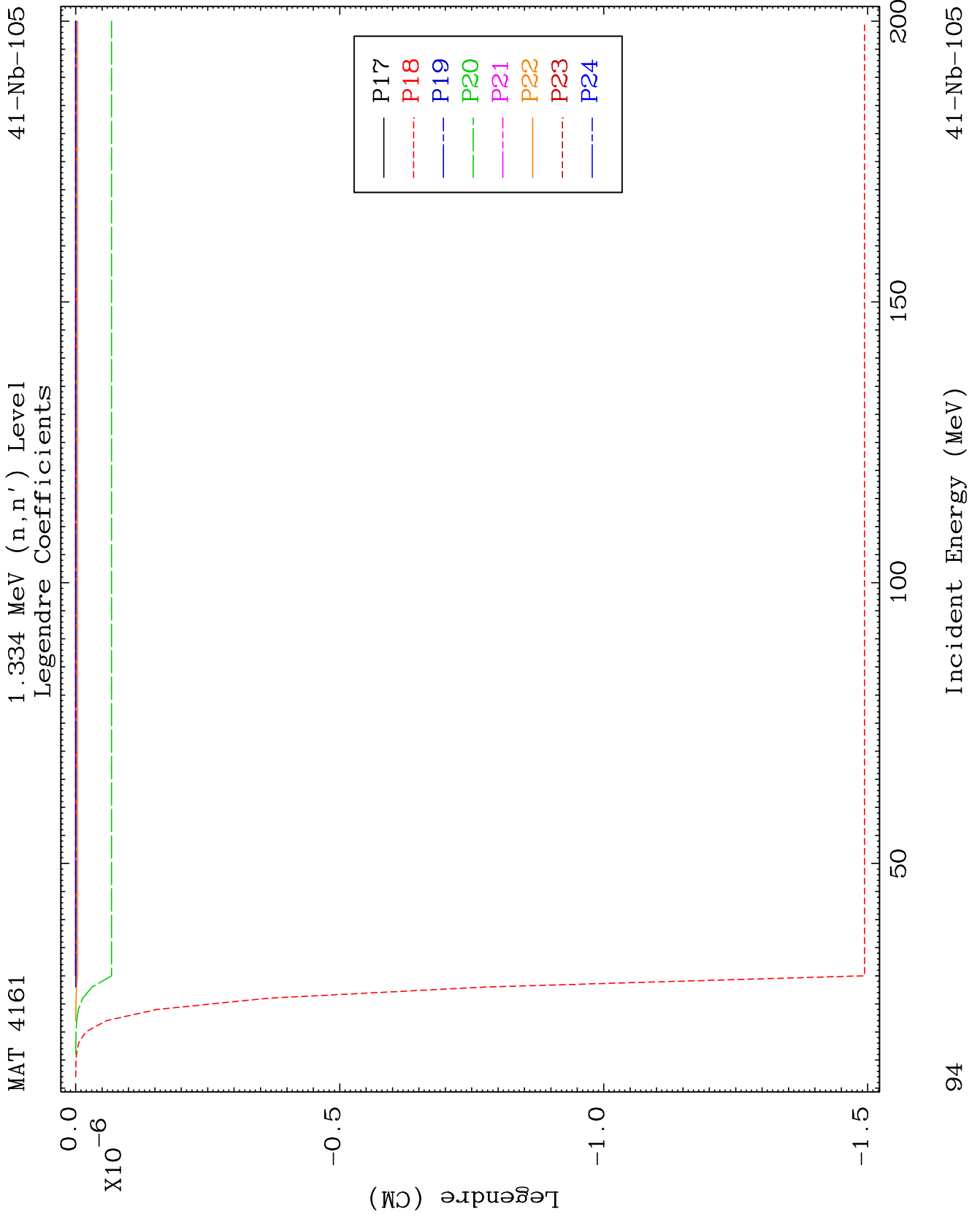
41-Nb-105

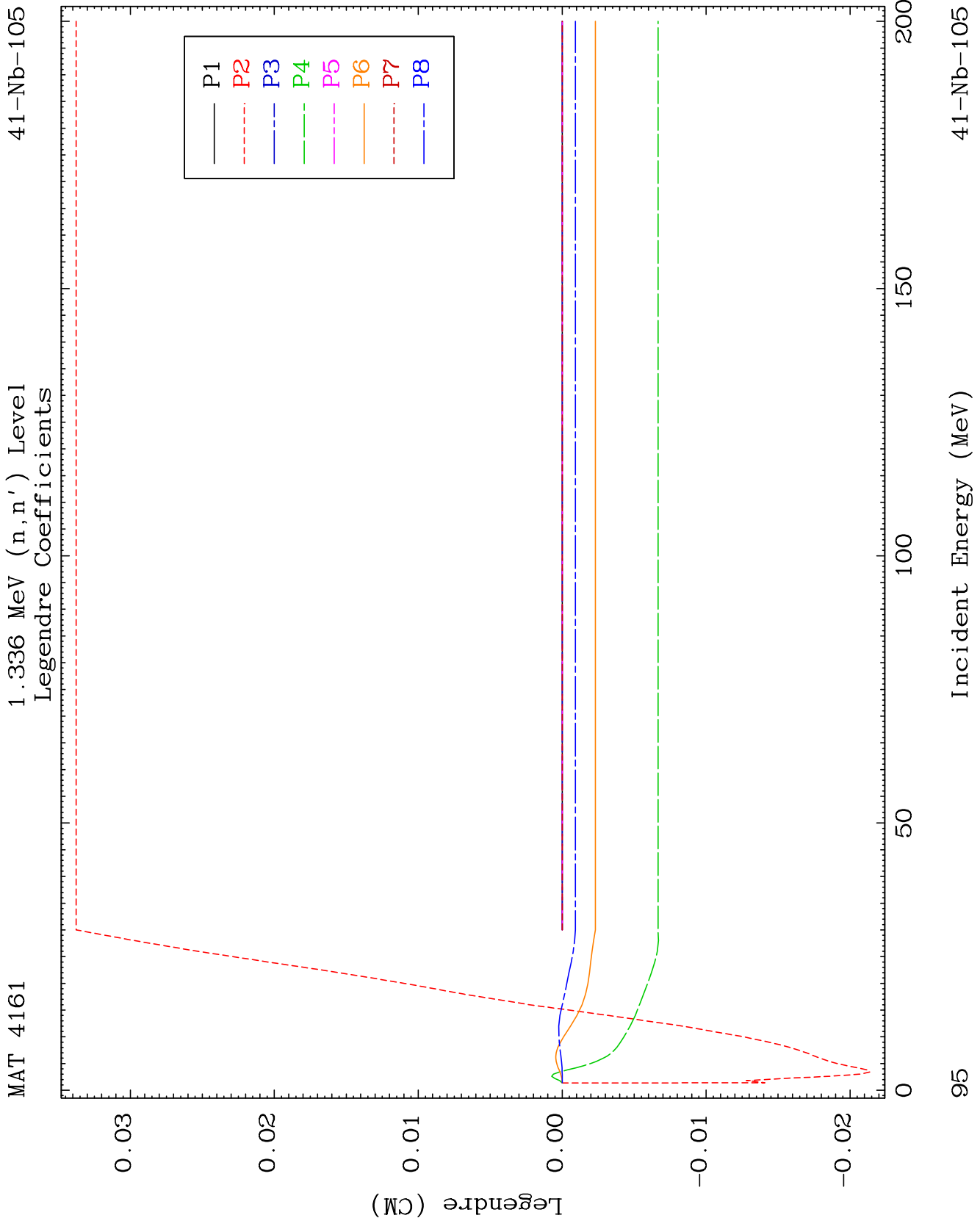


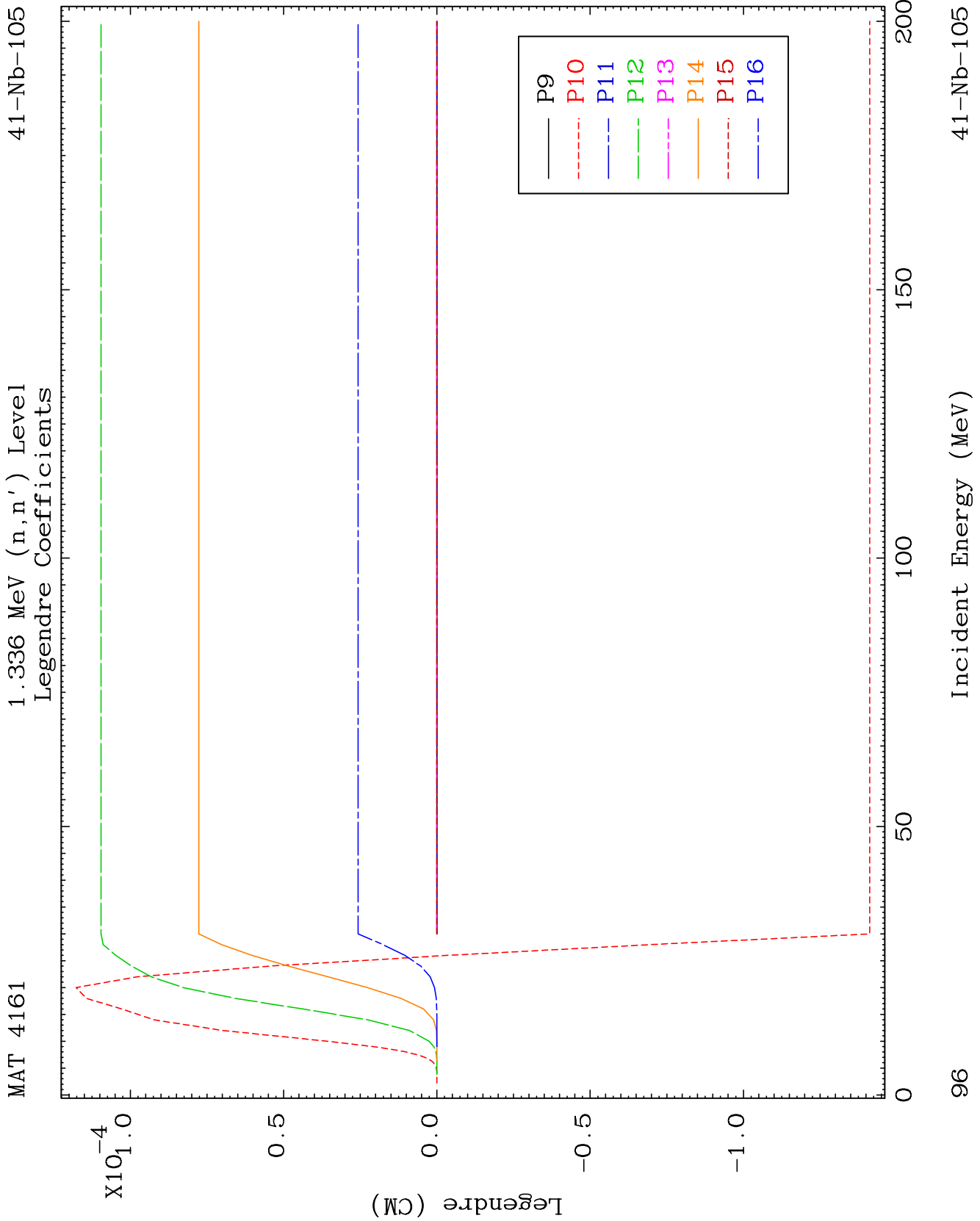
92

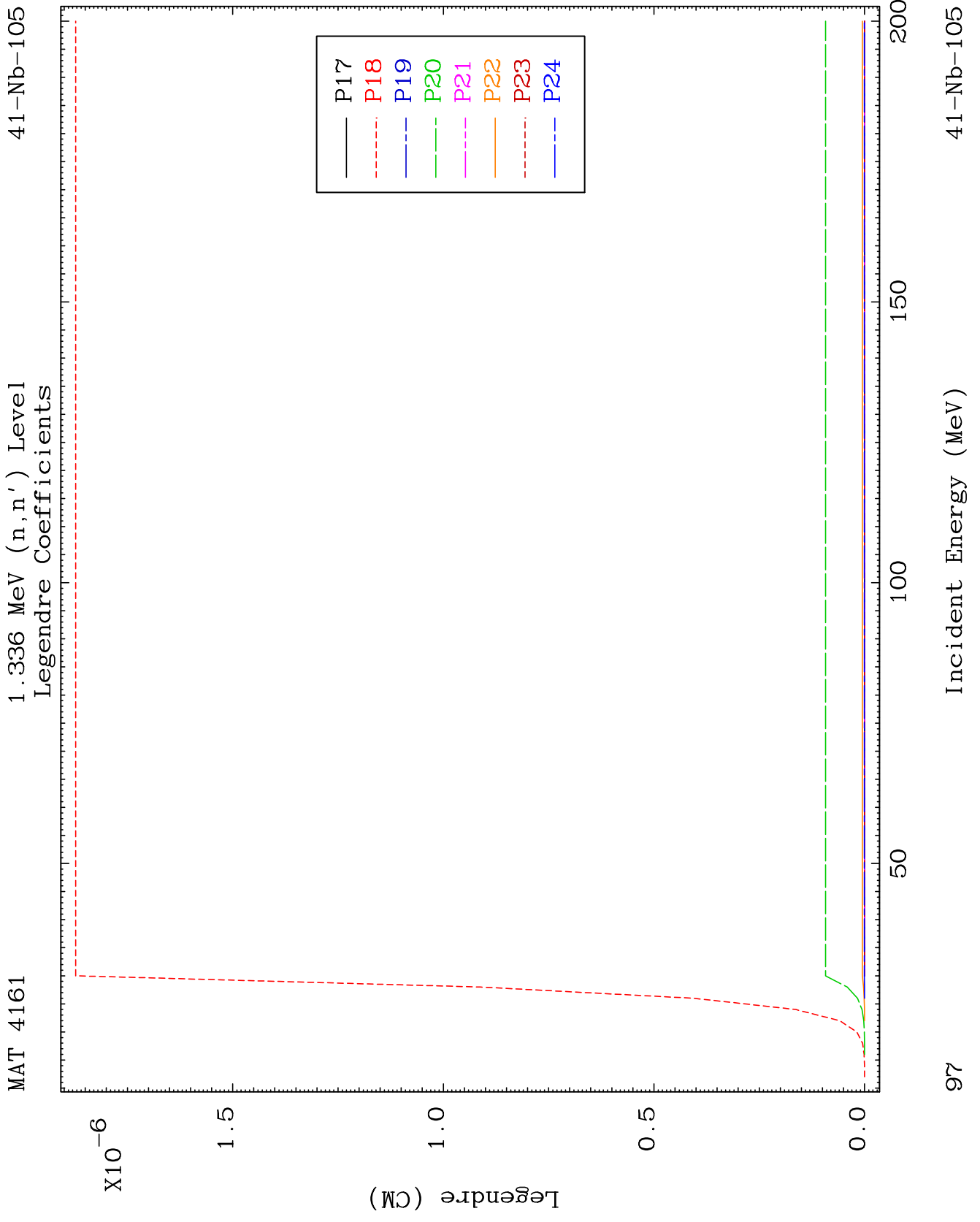
Incident Energy (MeV)

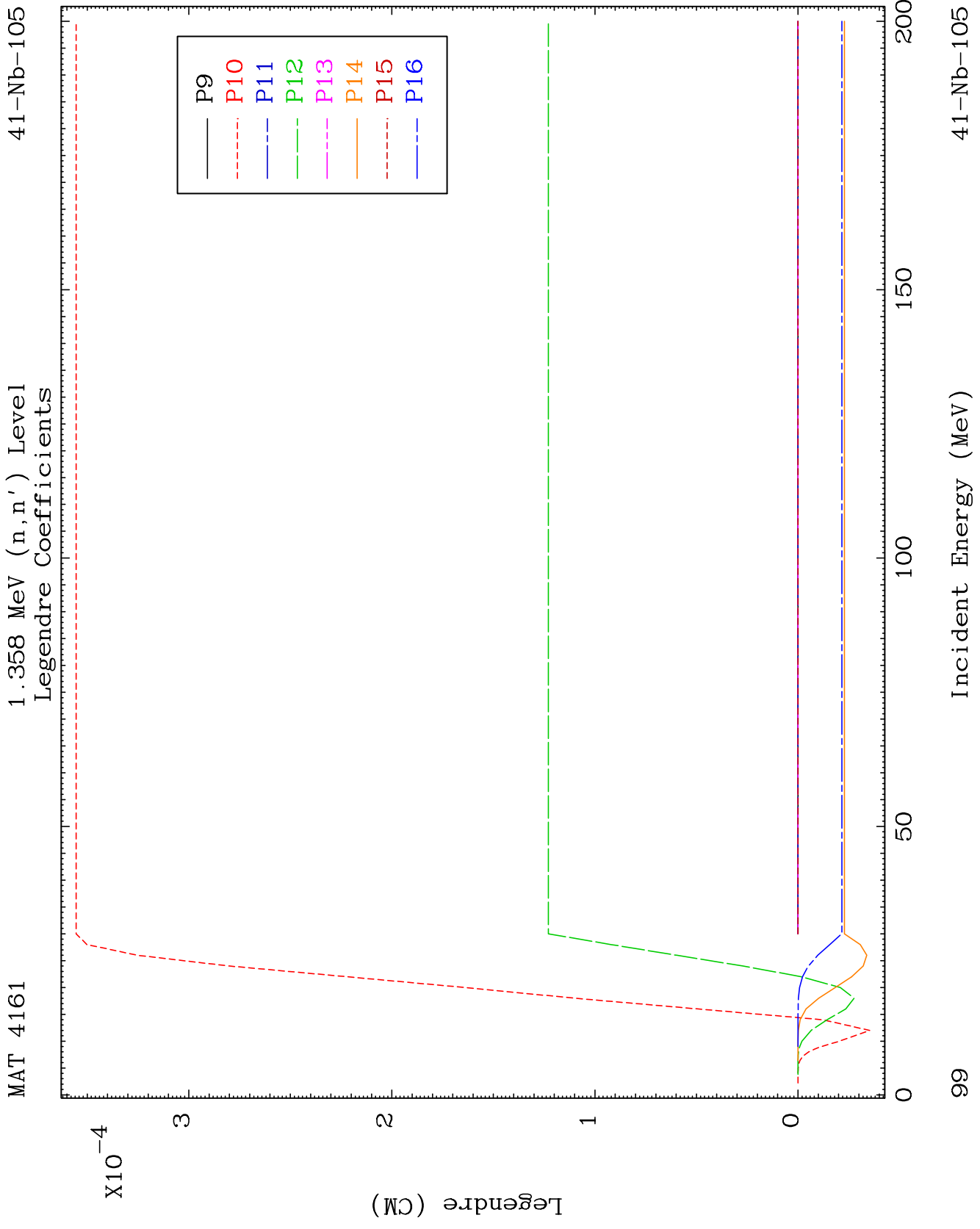
41-Nb-105

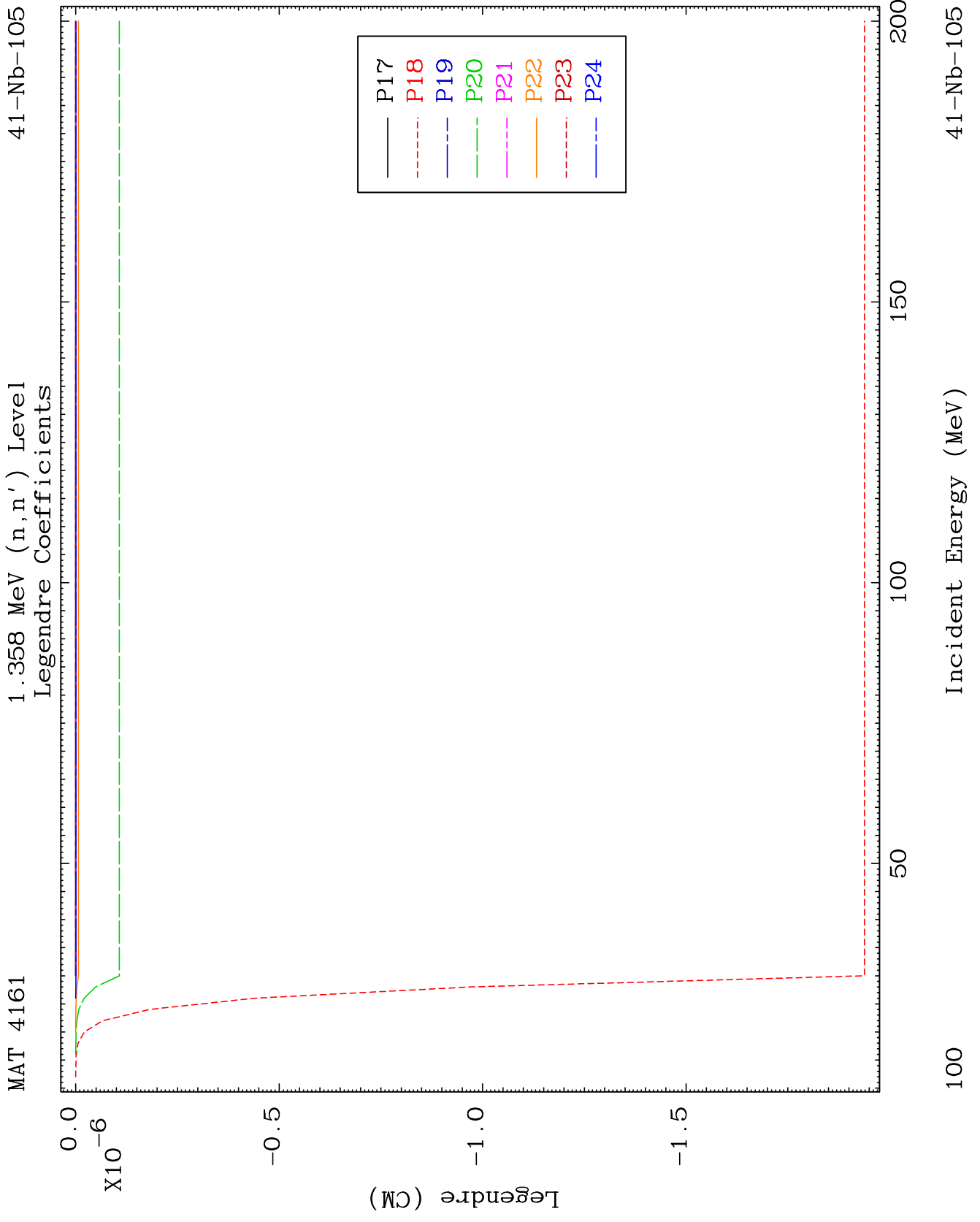


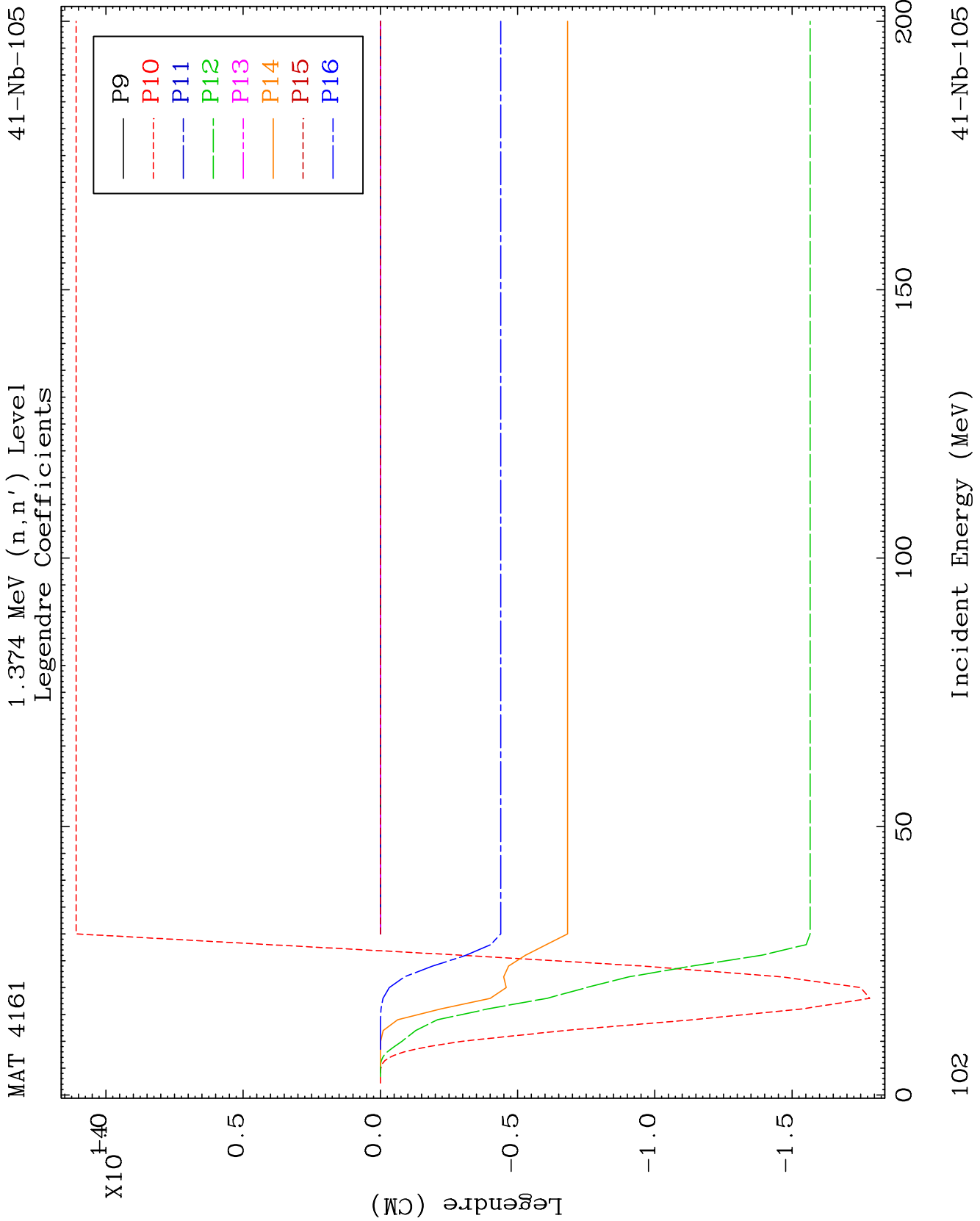


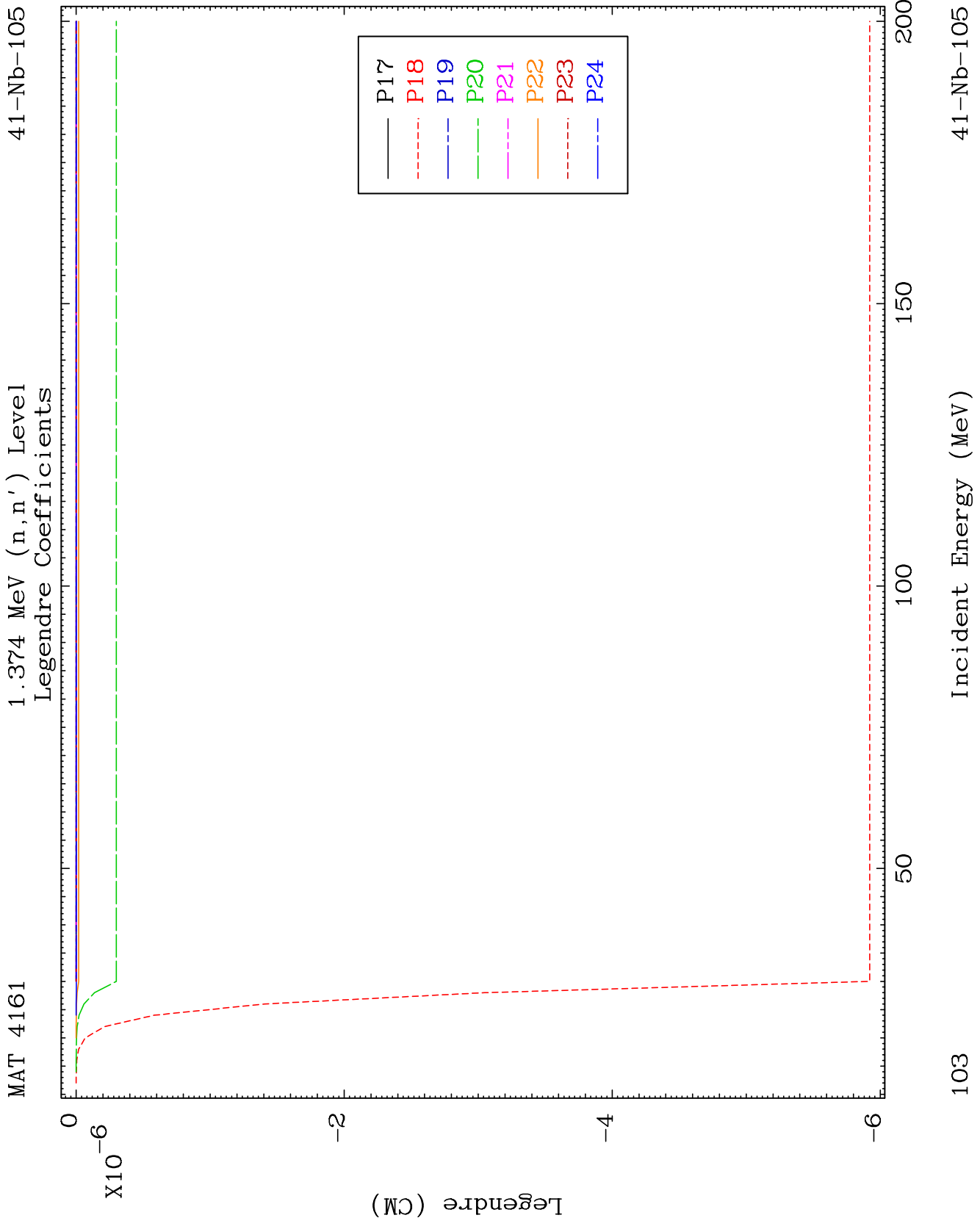


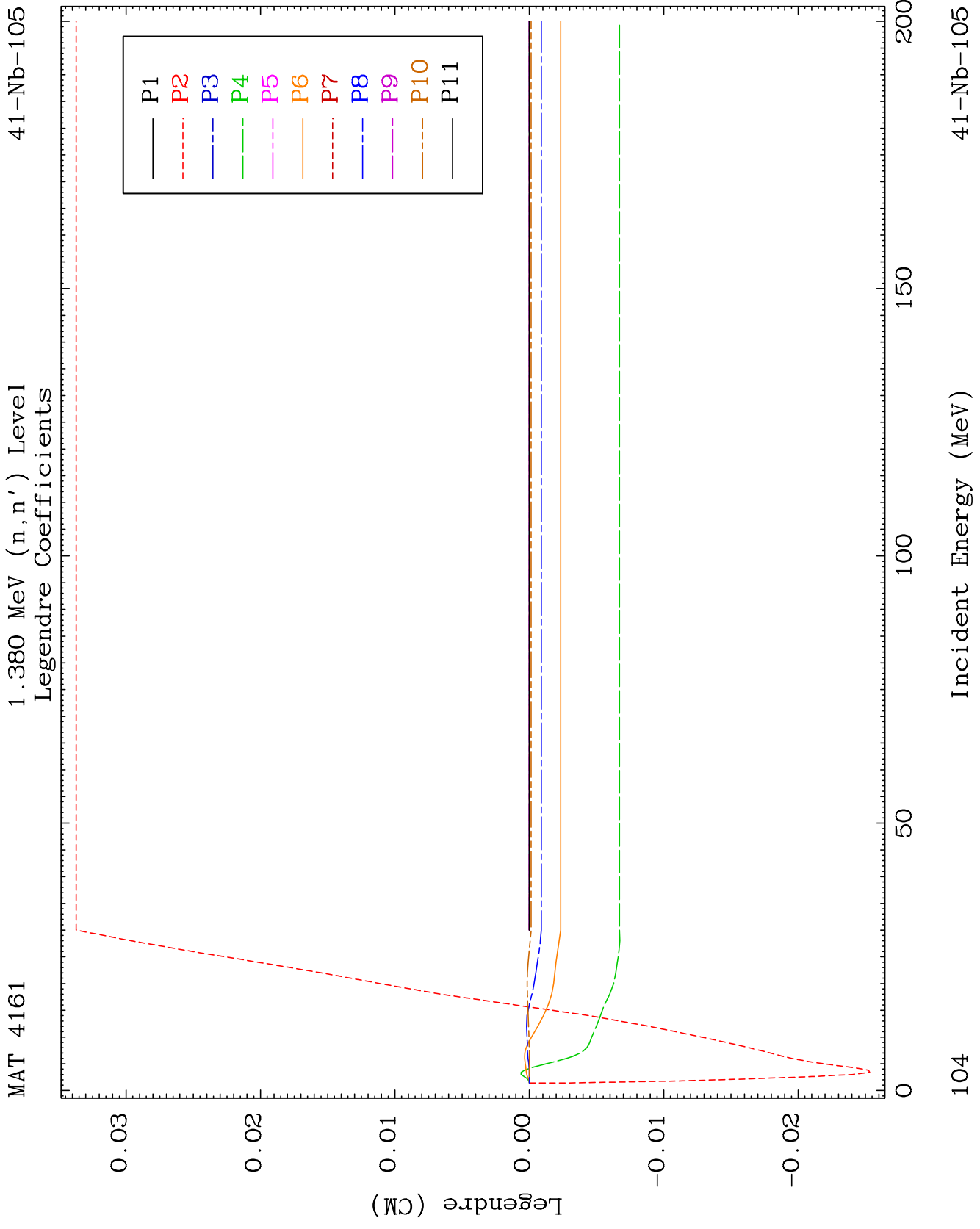








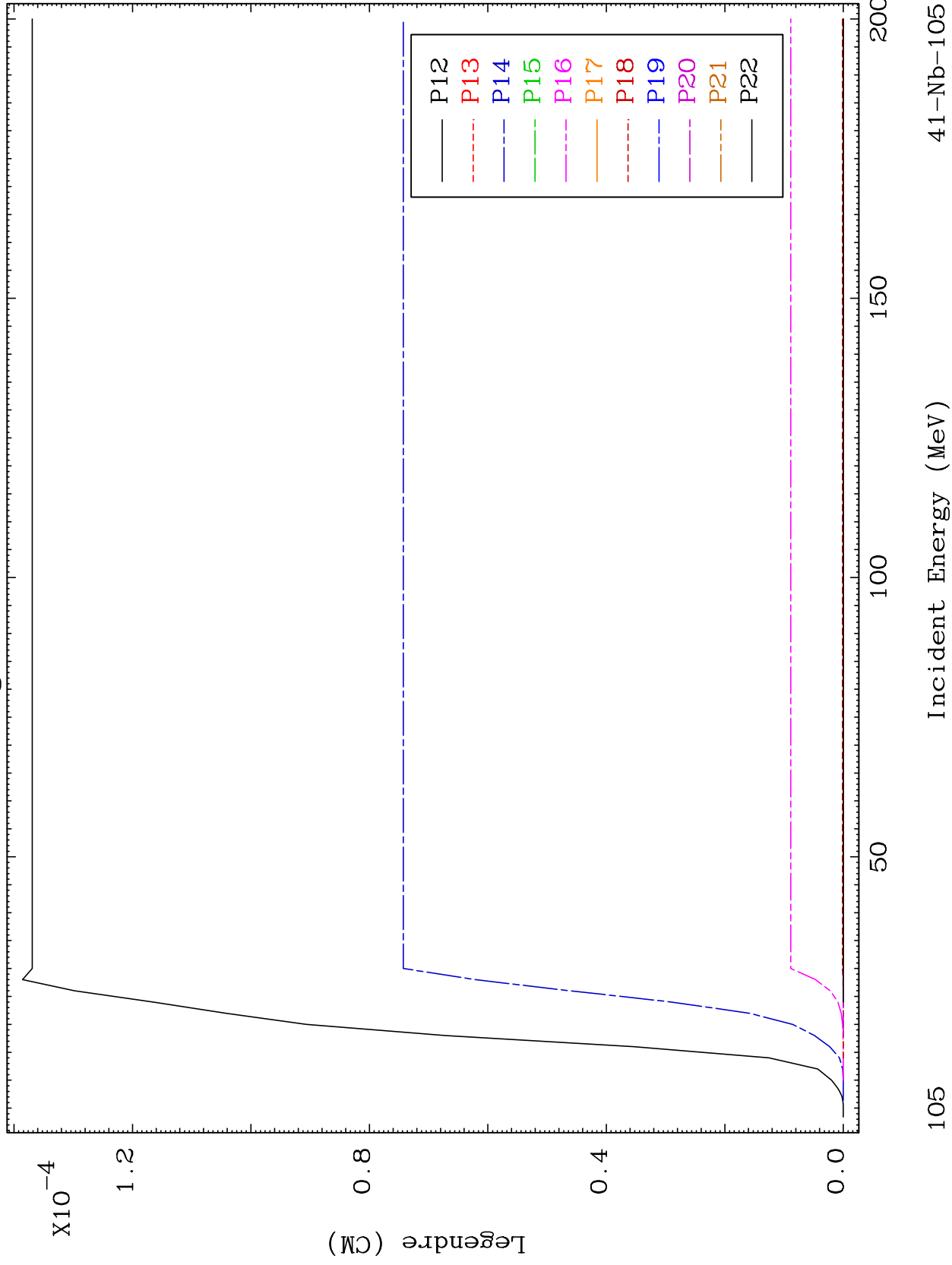


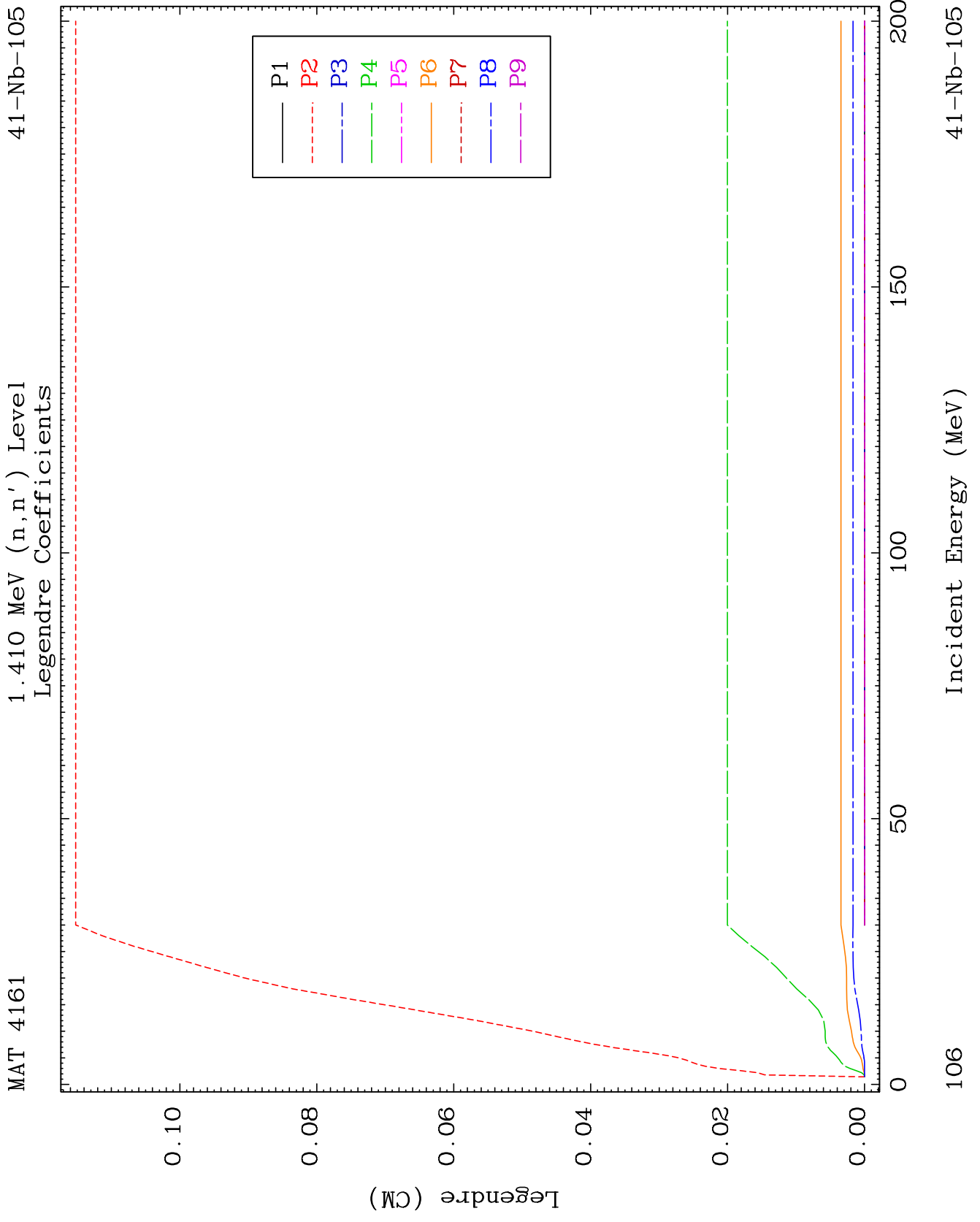


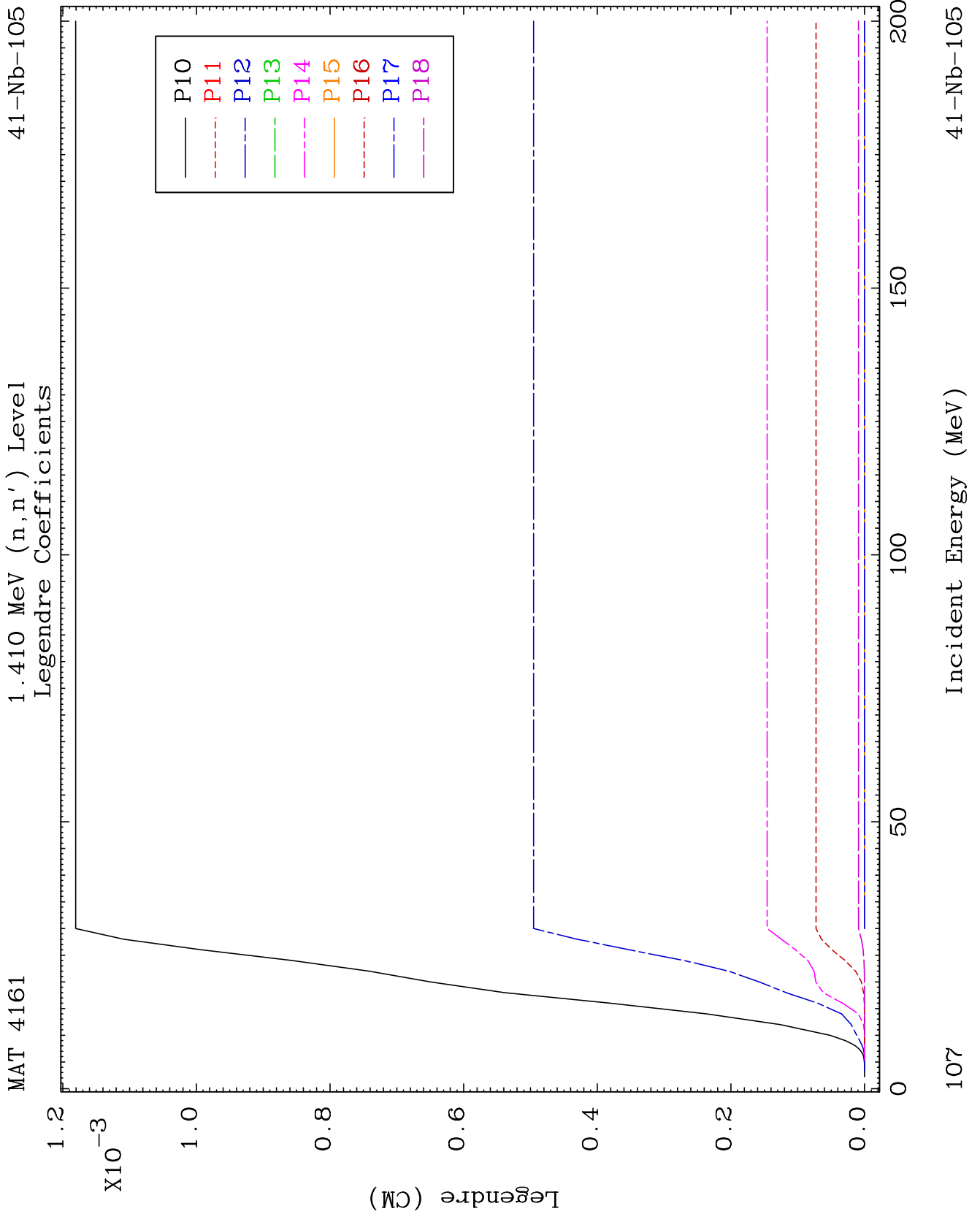
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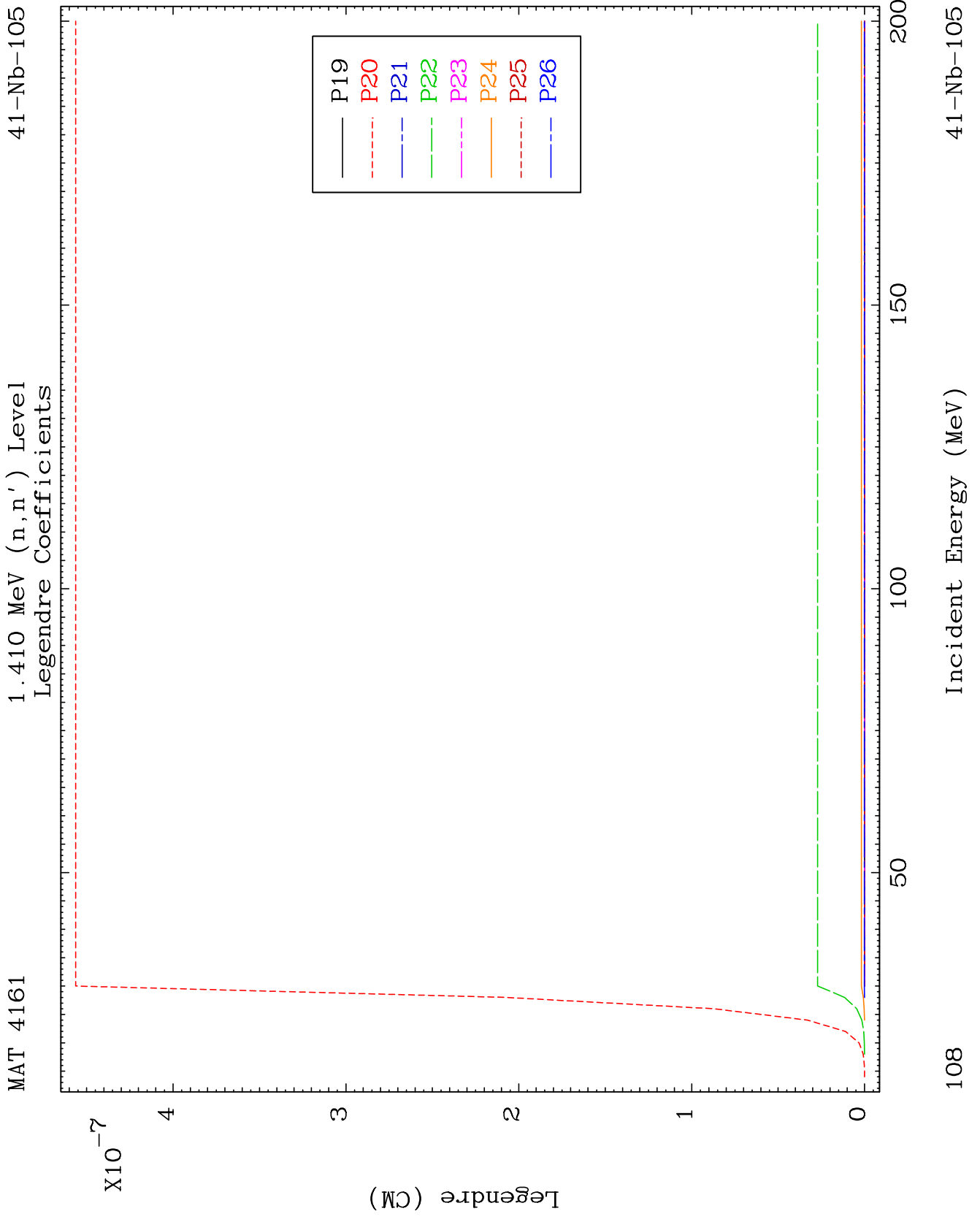
1.380 MeV (n,n') Level
Legendre Coefficients

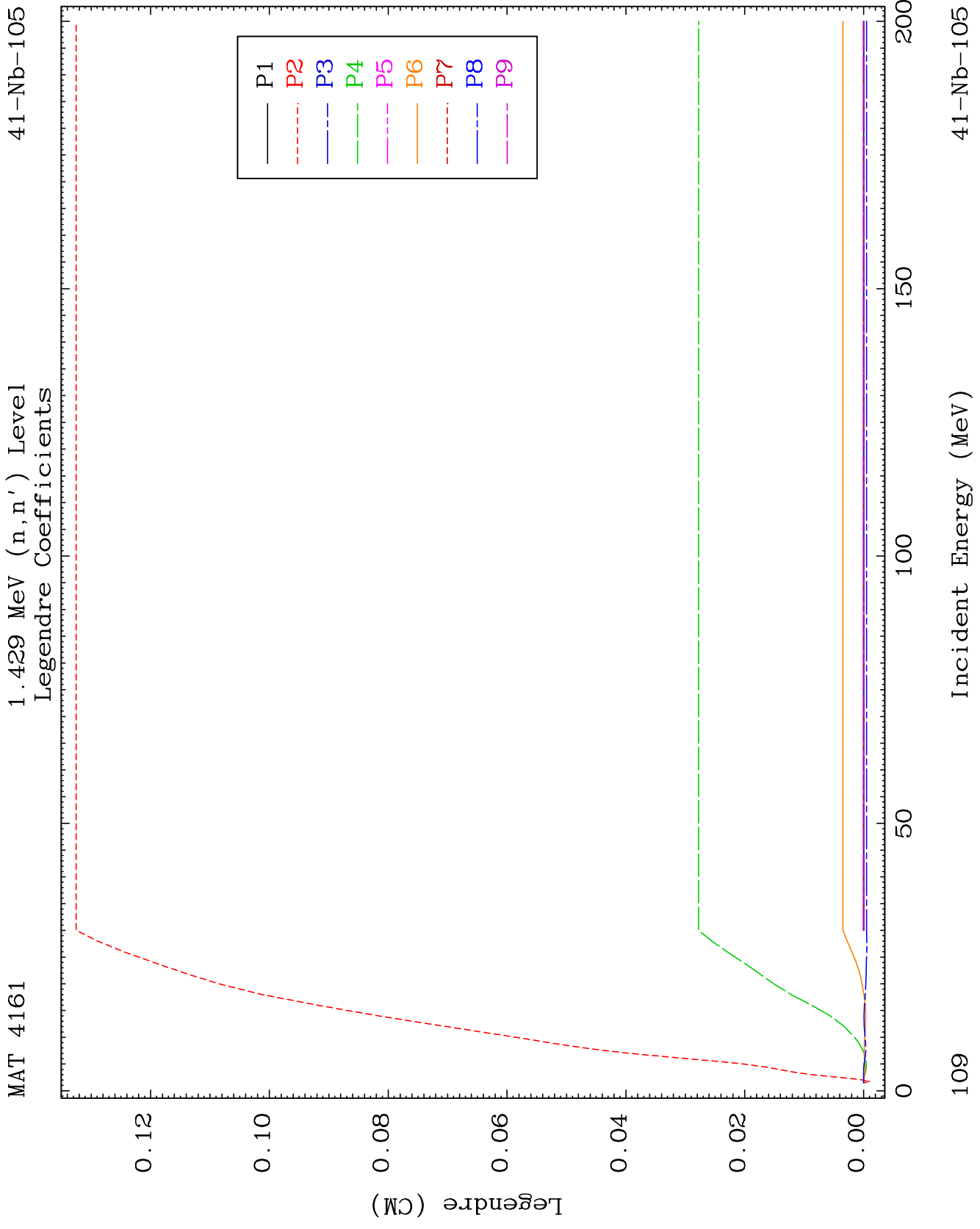
41-Nb-105

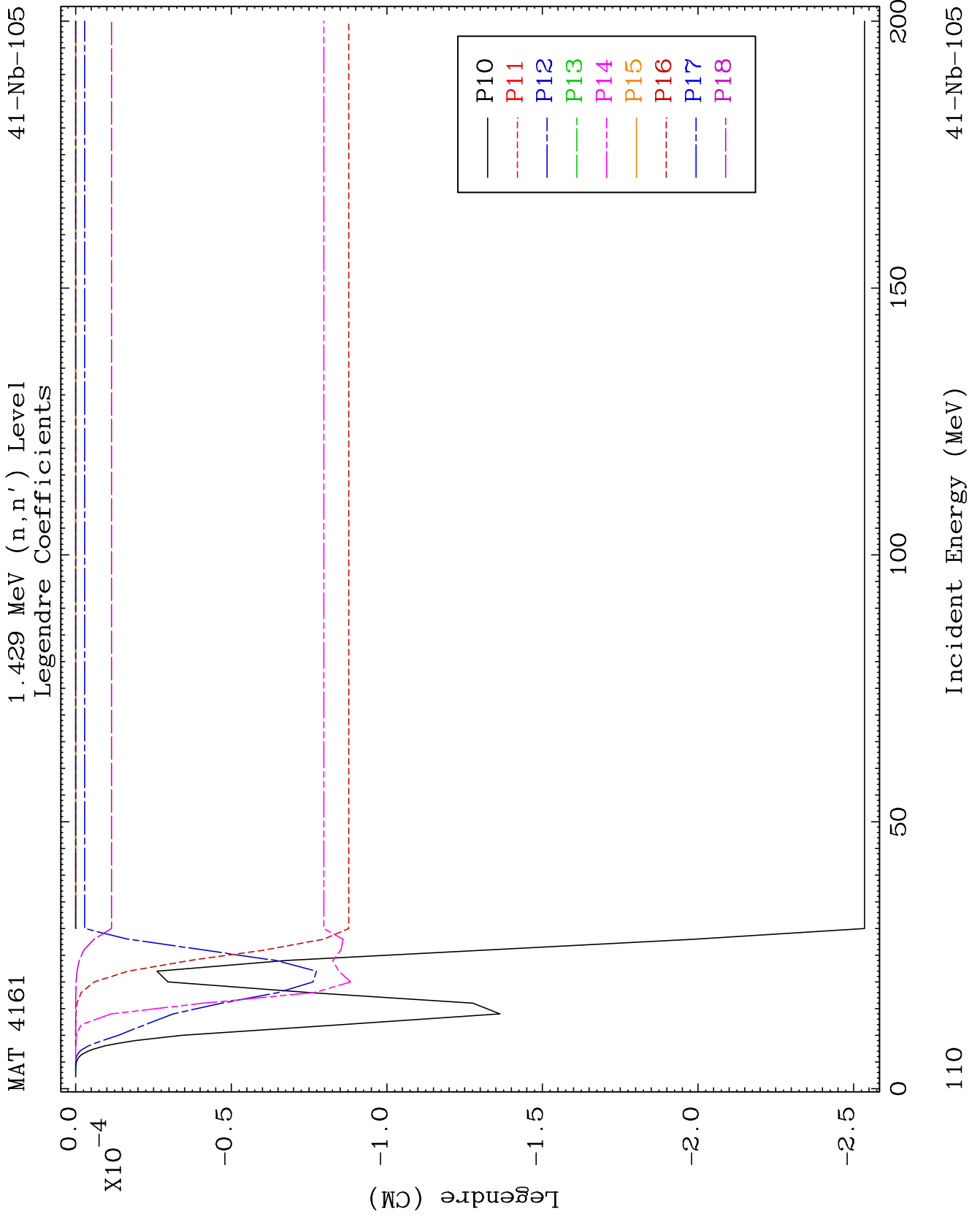


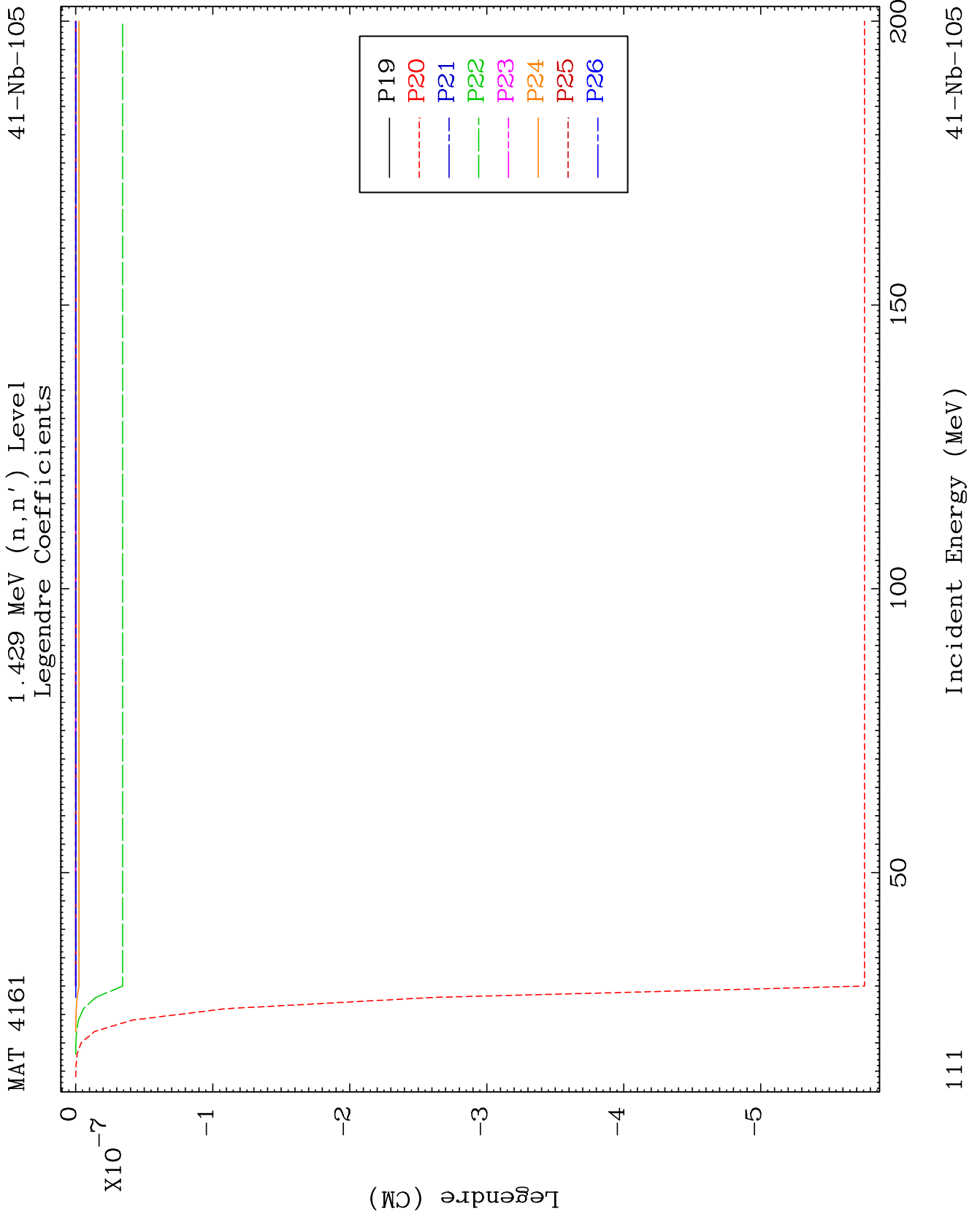


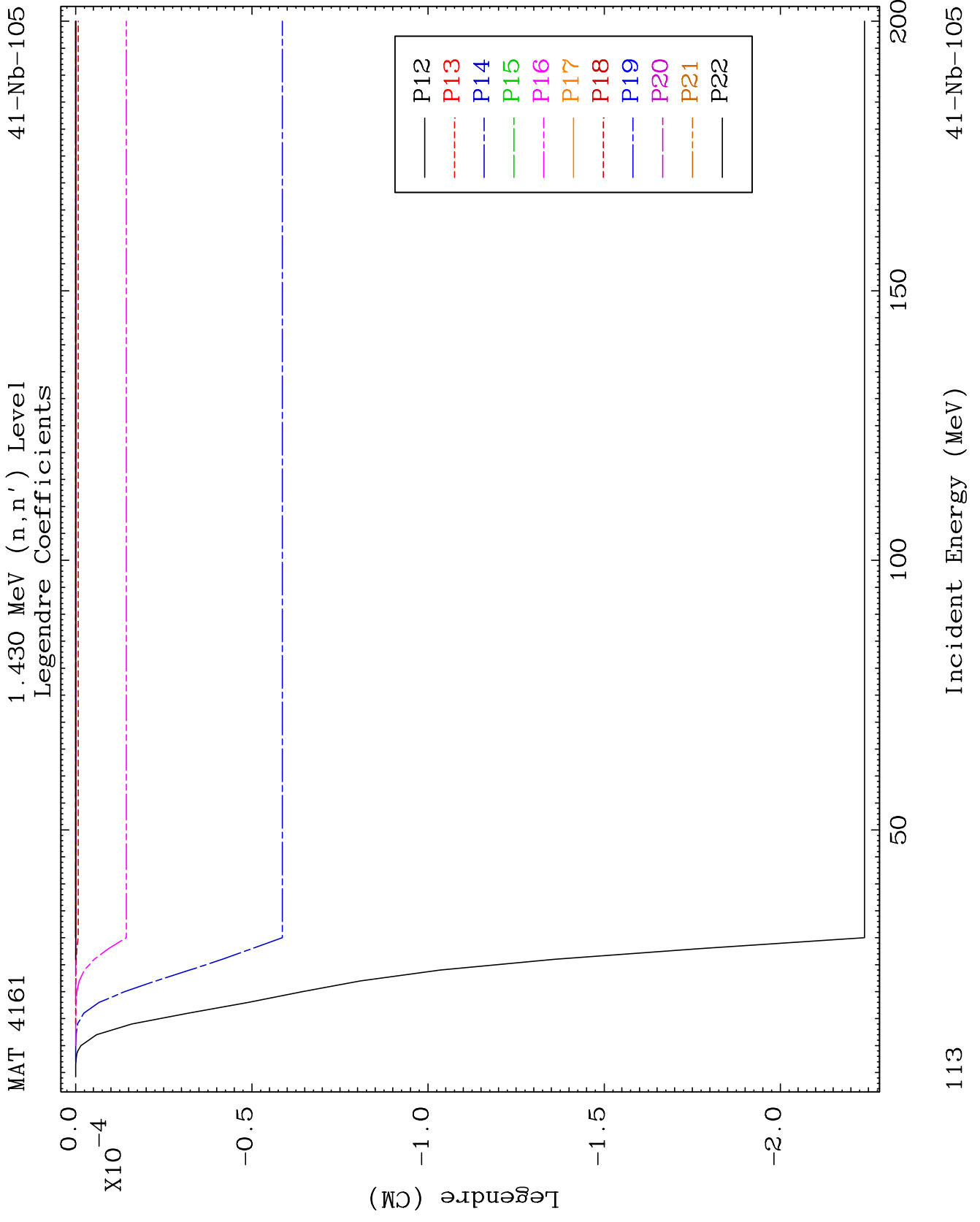


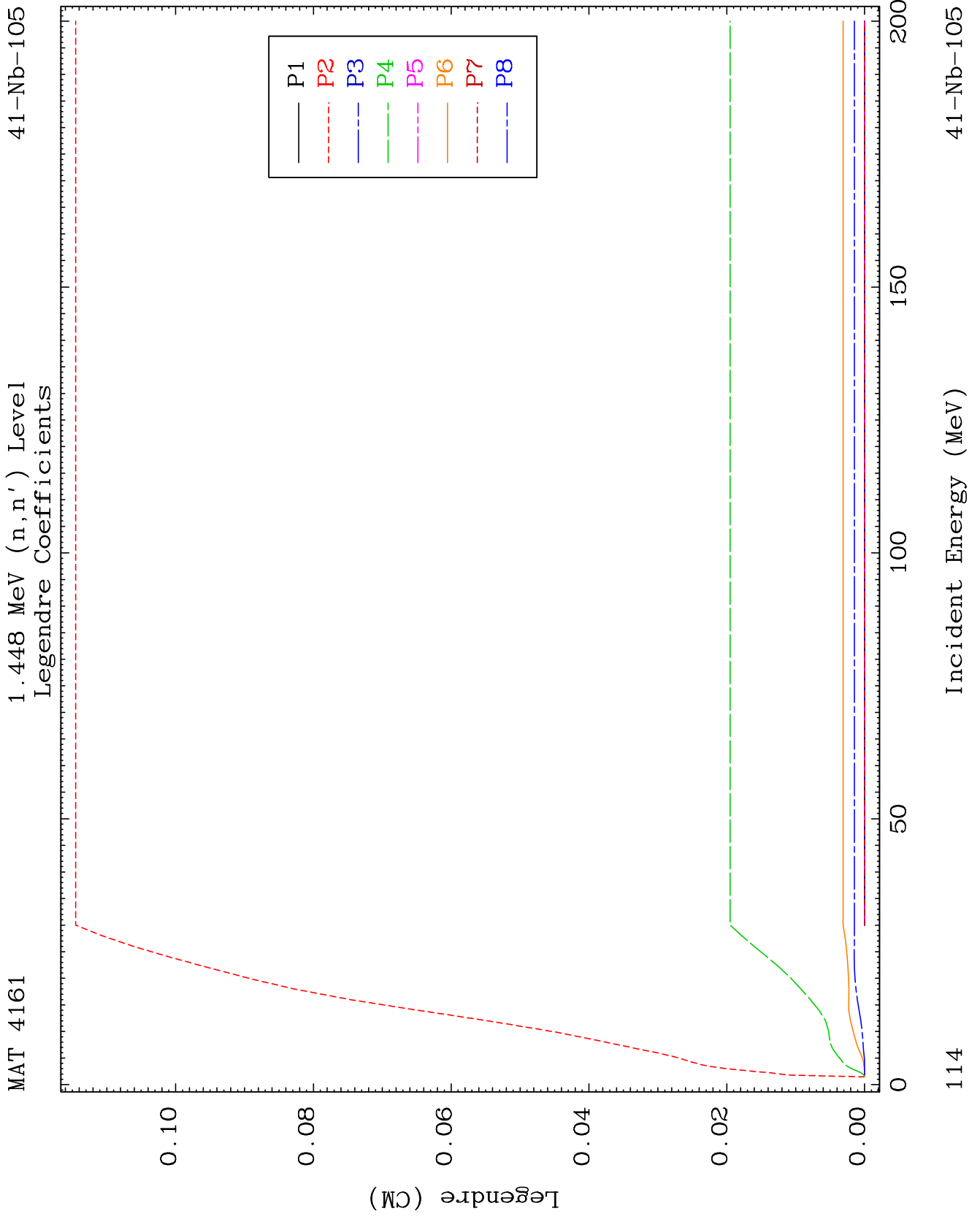












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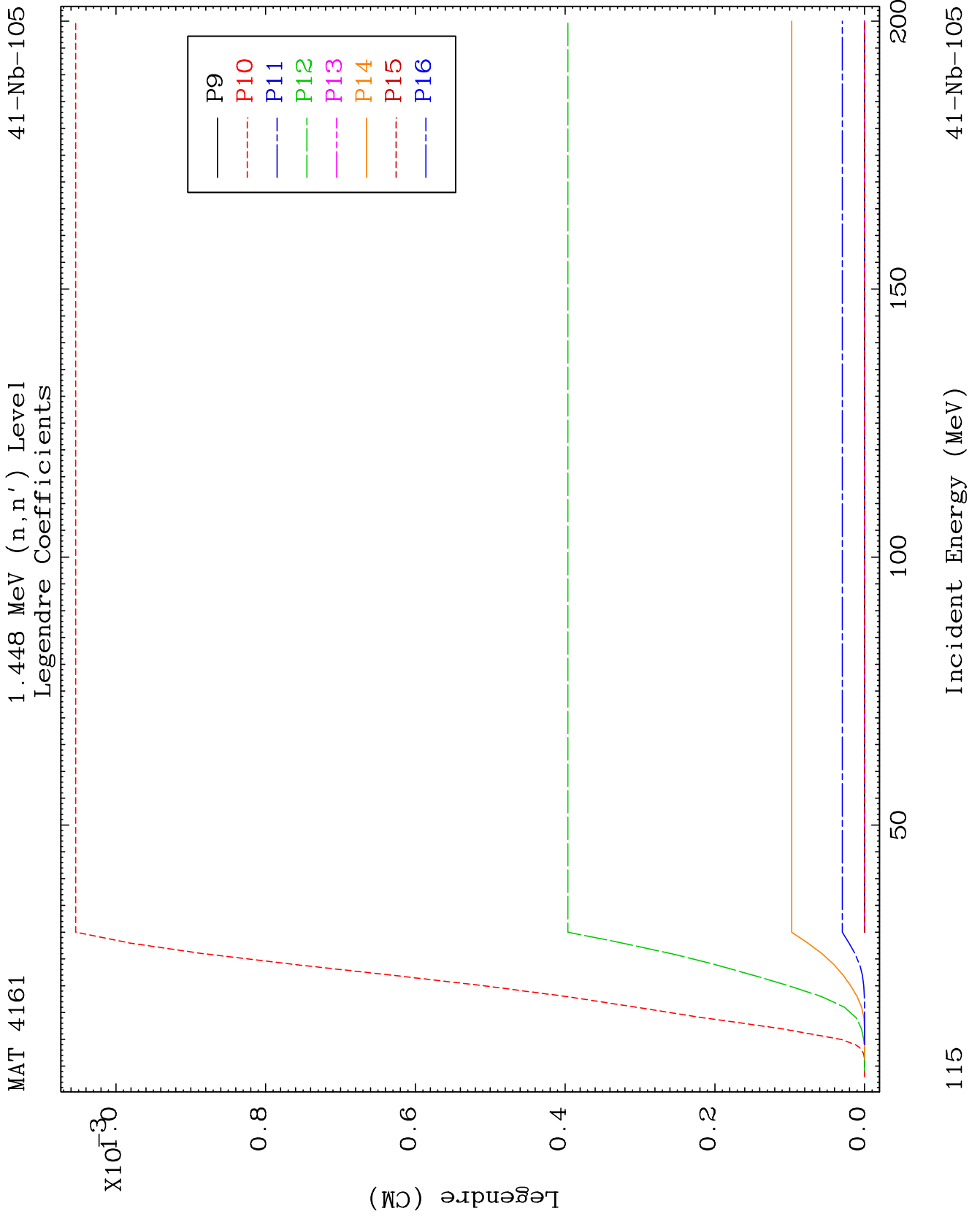
1.448 MeV (n, n') Level
Legendre Coefficients

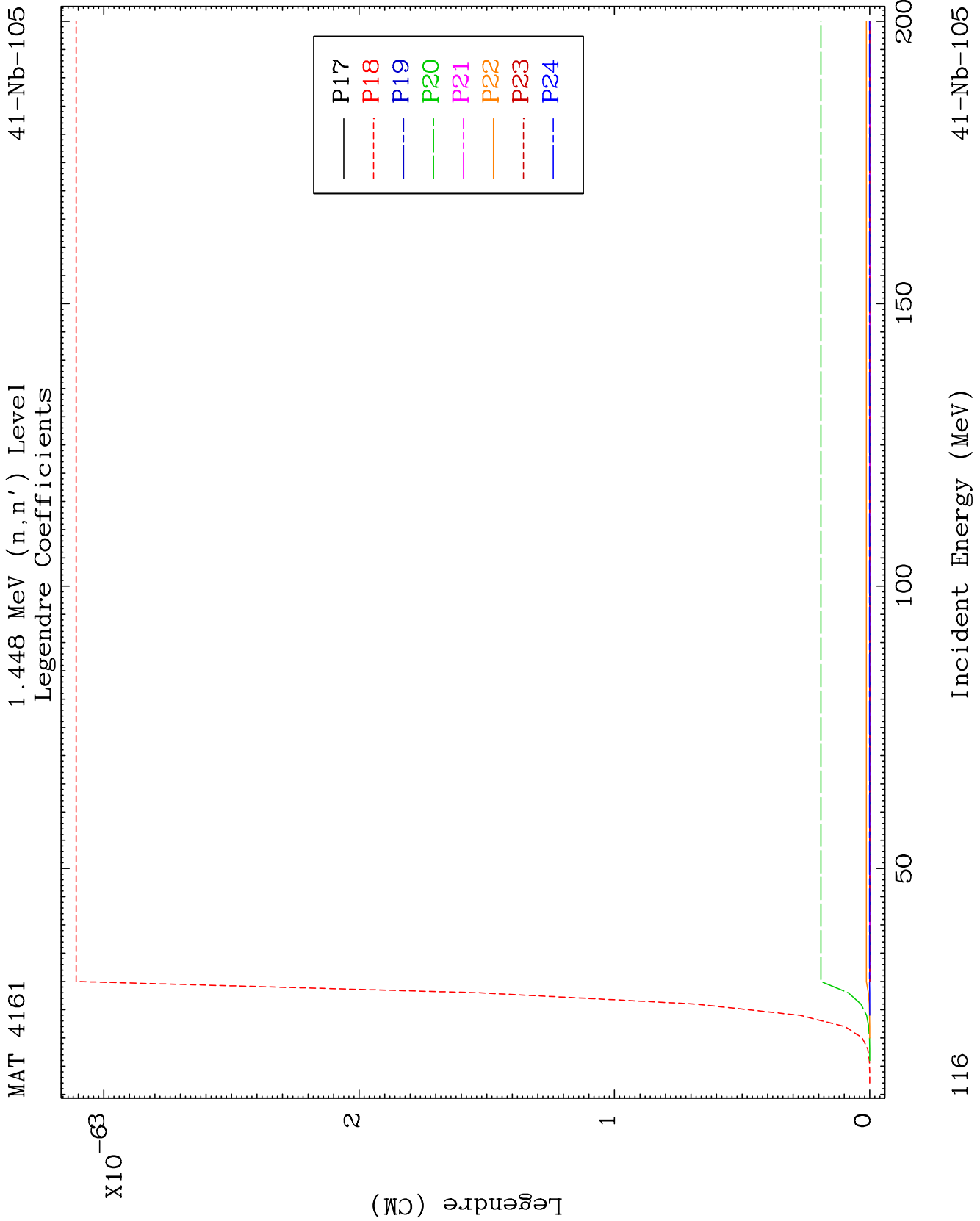
41-Nb-105

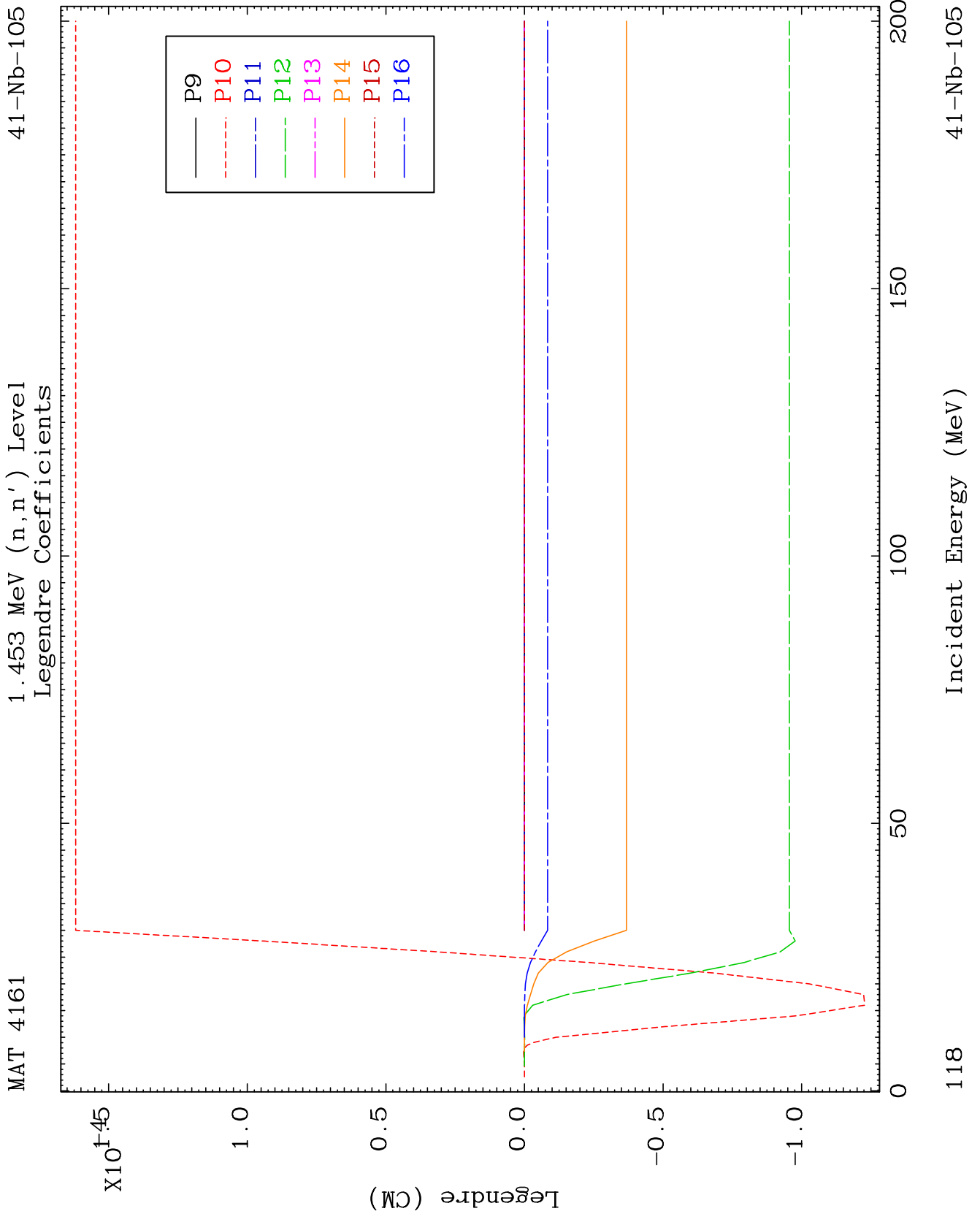
114

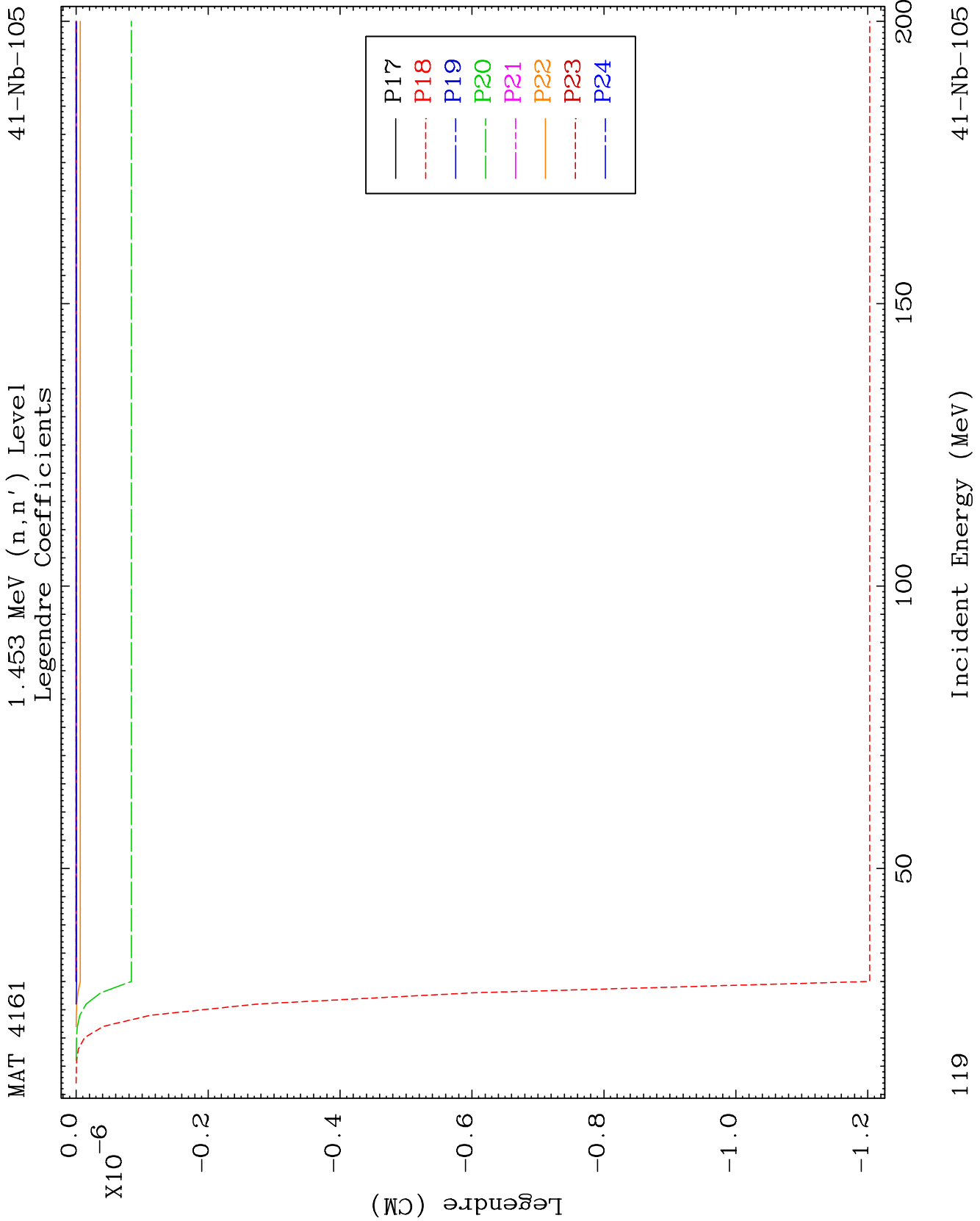
Incident Energy (MeV)

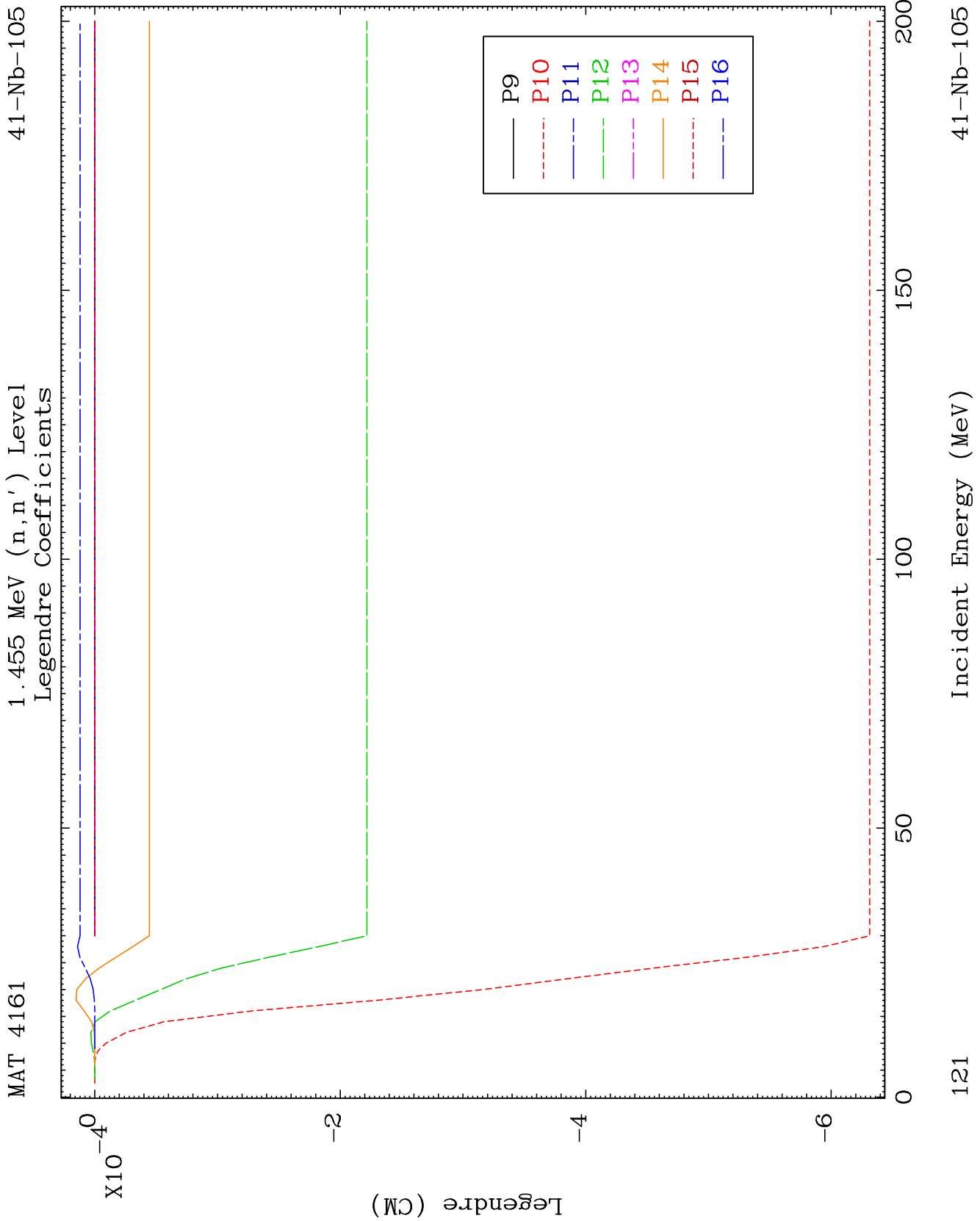
41-Nb-105

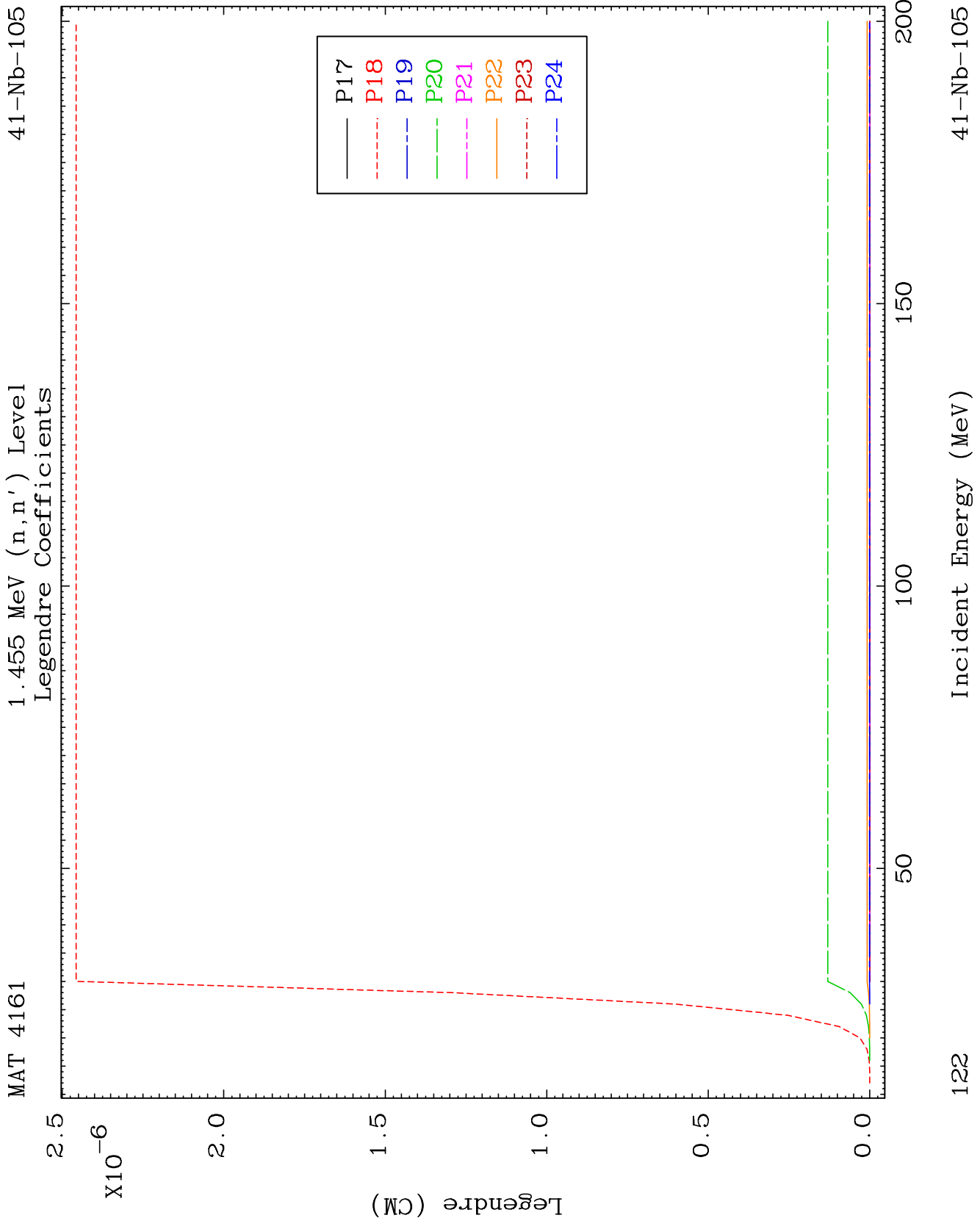


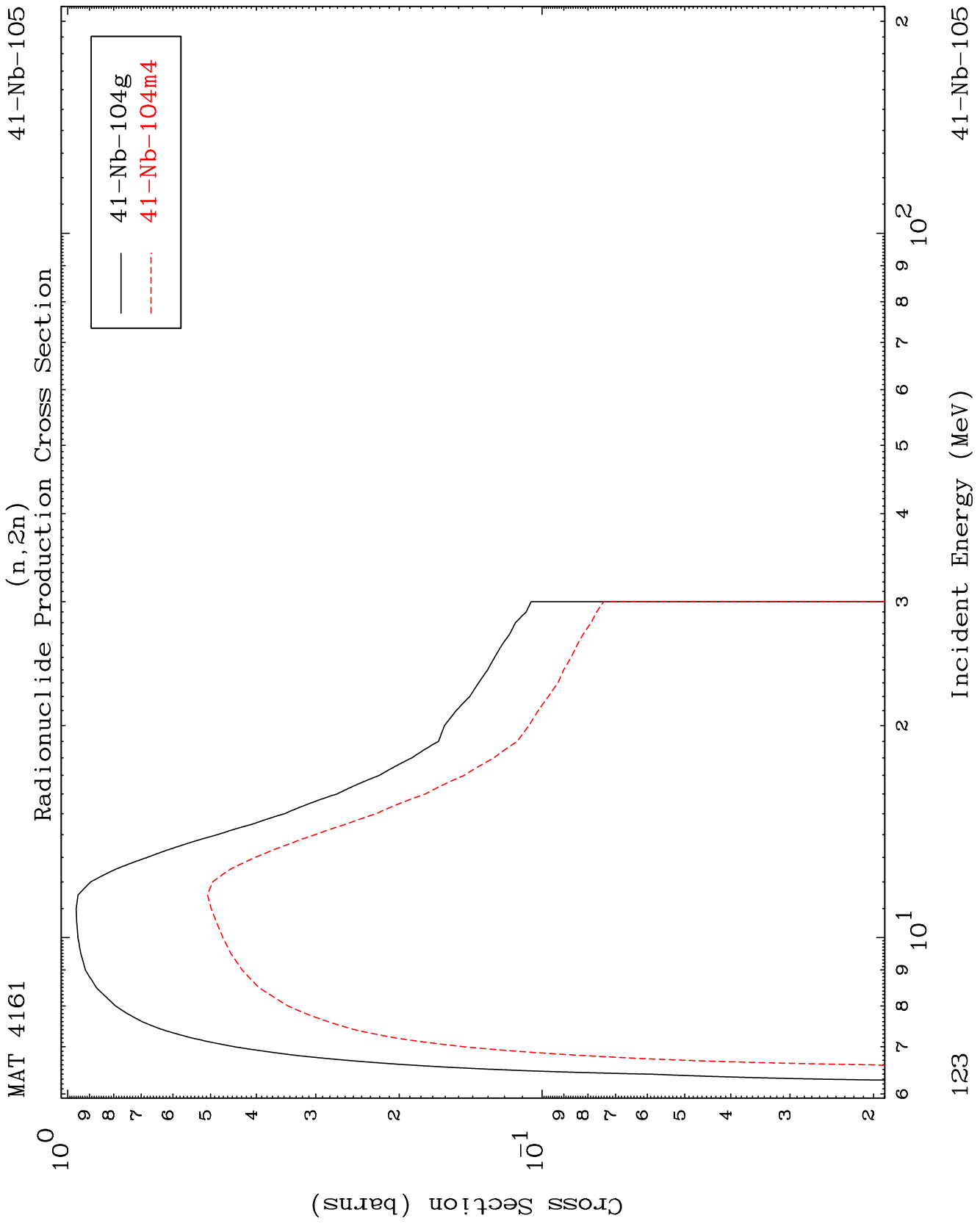










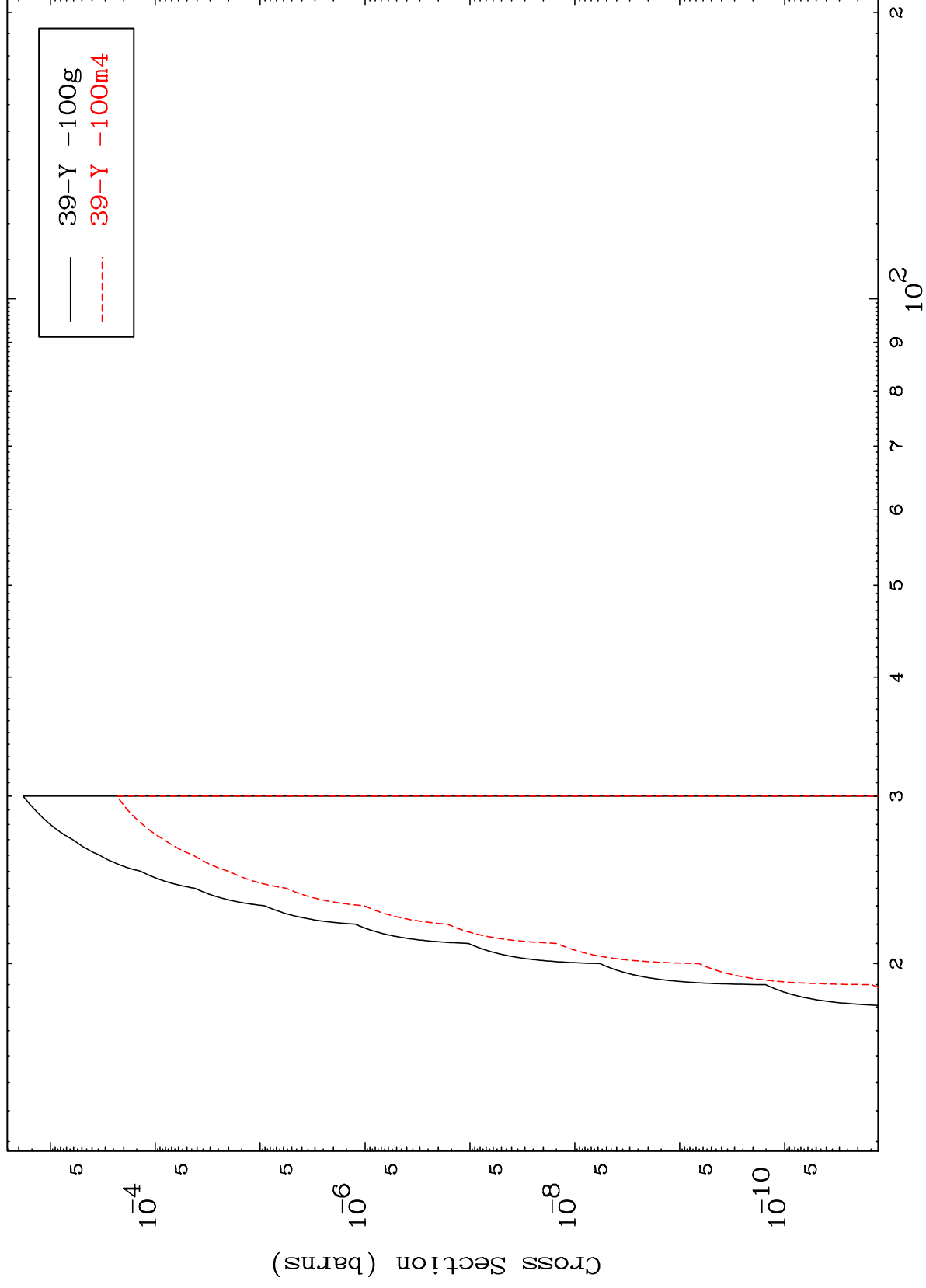


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$(n,2n) \alpha$

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Radionuclide Production Cross Section



124

Incident Energy (MeV)

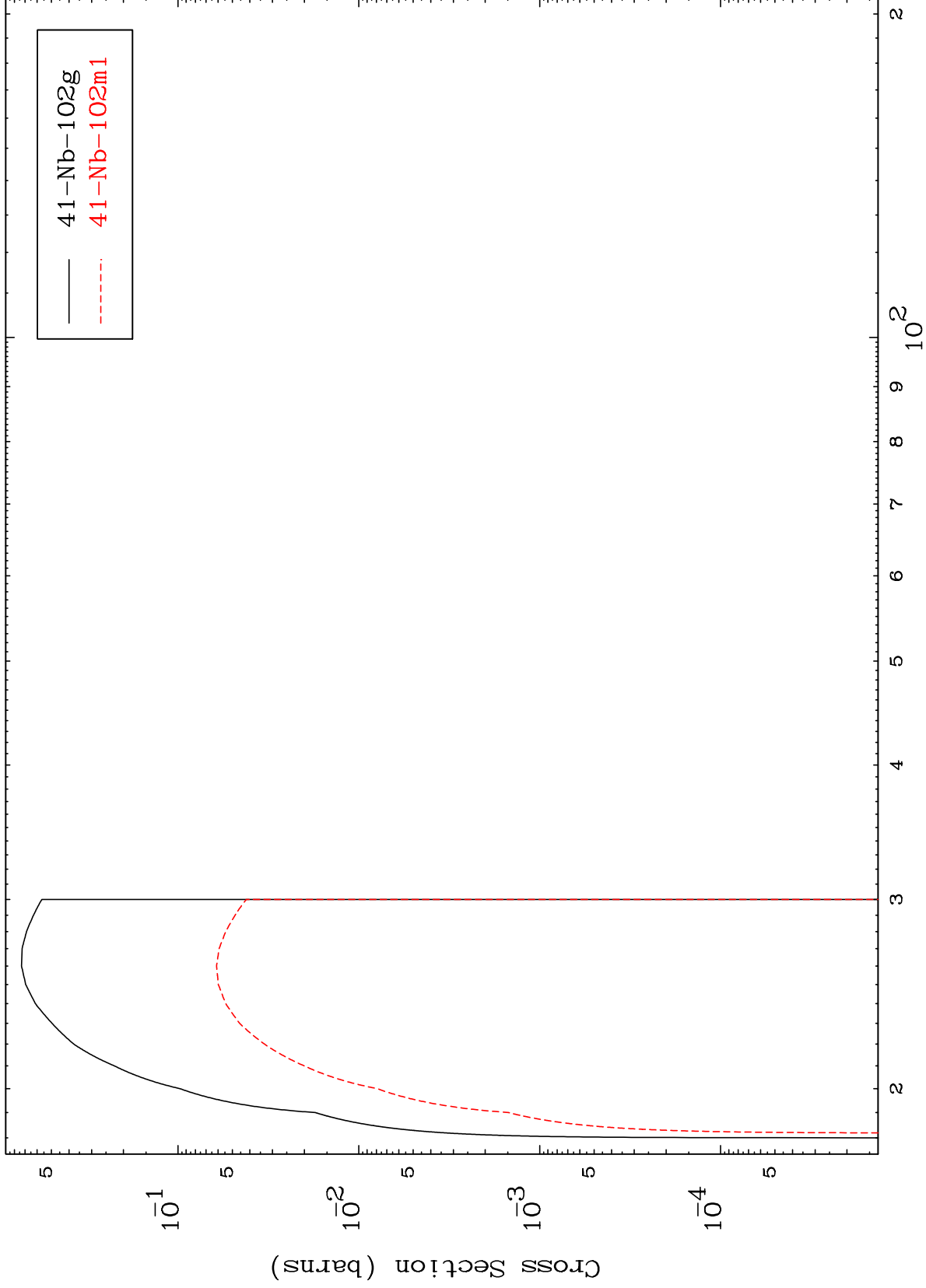
41-Nb-105

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(n,4n)

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Radionuclide Production Cross Section



125

Incident Energy (MeV)

41-Nb-105