

Program EVALPLOT
(Version 2015-2)

by

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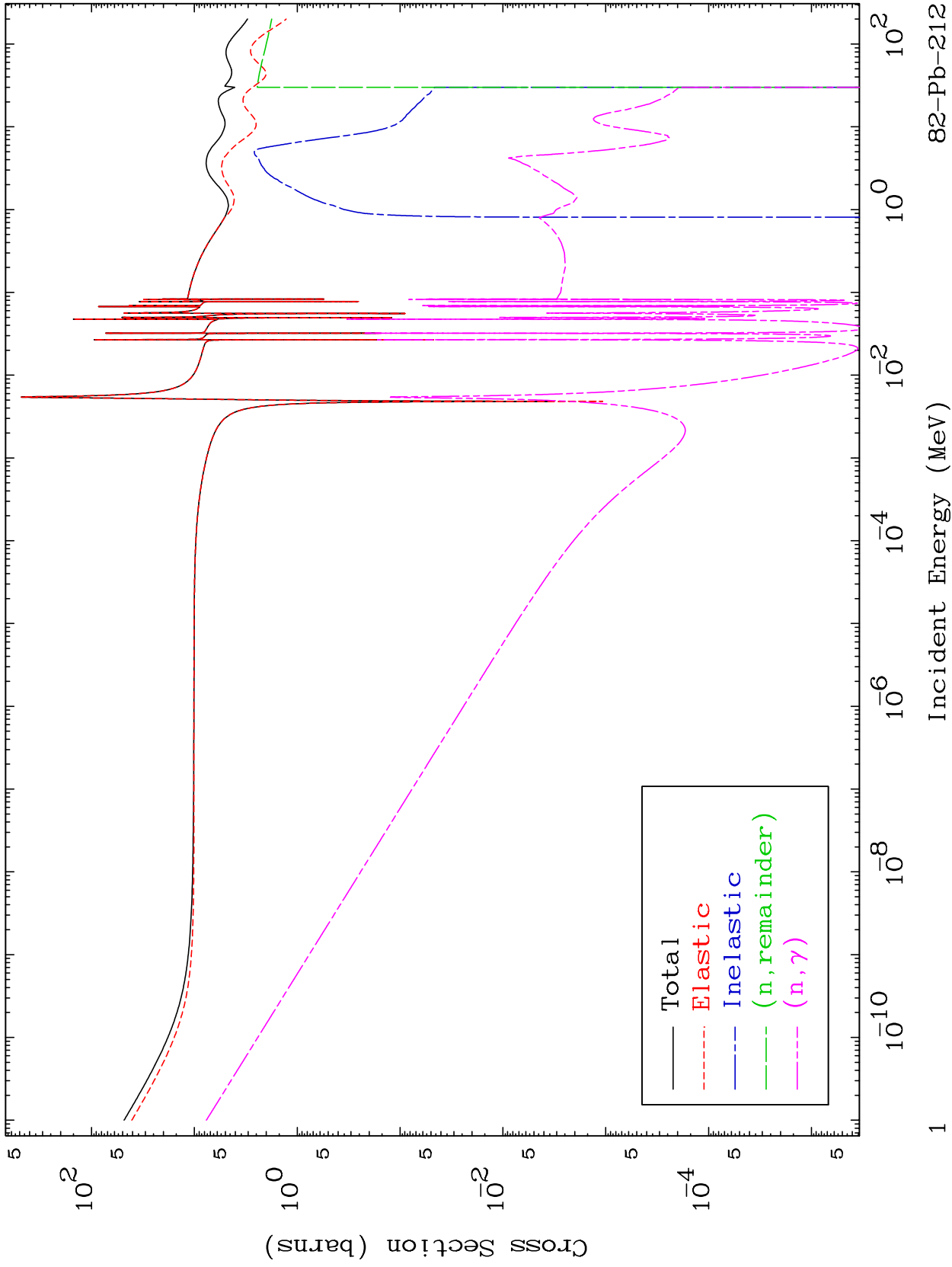
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8249

Major
293 Kelvin Cross Sections

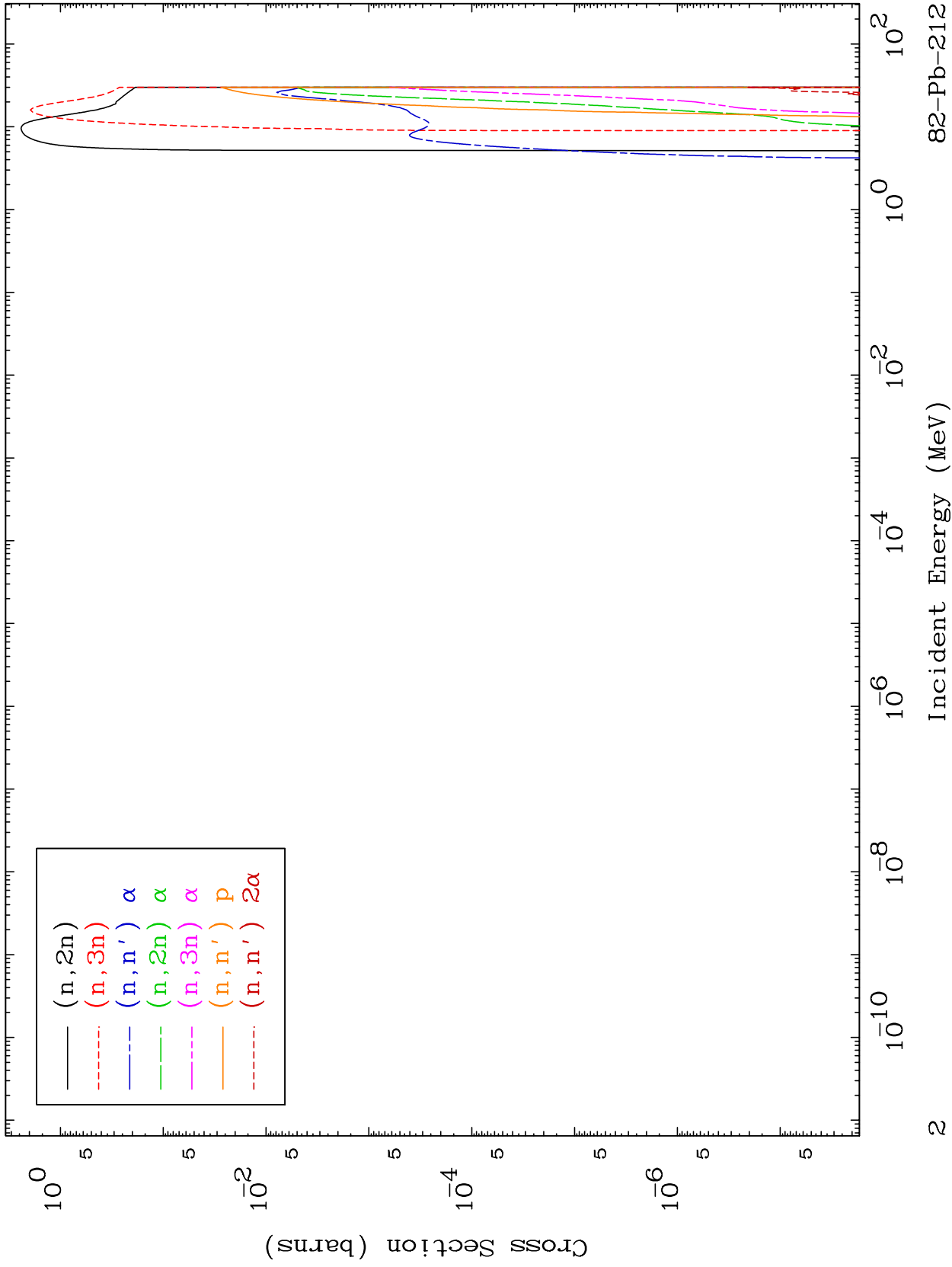
82-Pb-212



MAT 8249

Neutron Production
293 Kelvin Cross Sections

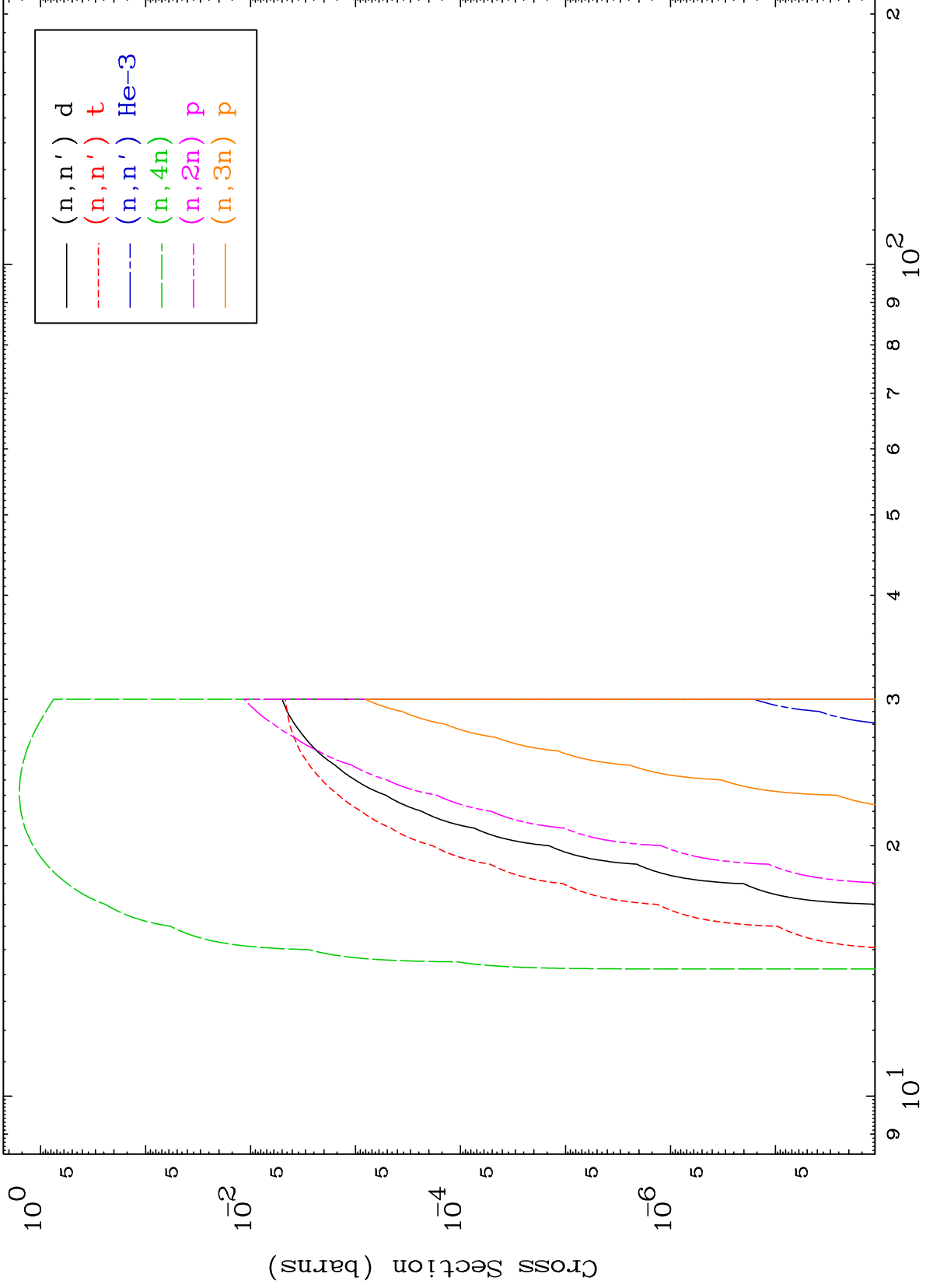
82-Pb-212



MAT 8249

Neutron Production 293 Kelvin Cross Sections

82-Pb-212



Incident Energy (MeV)

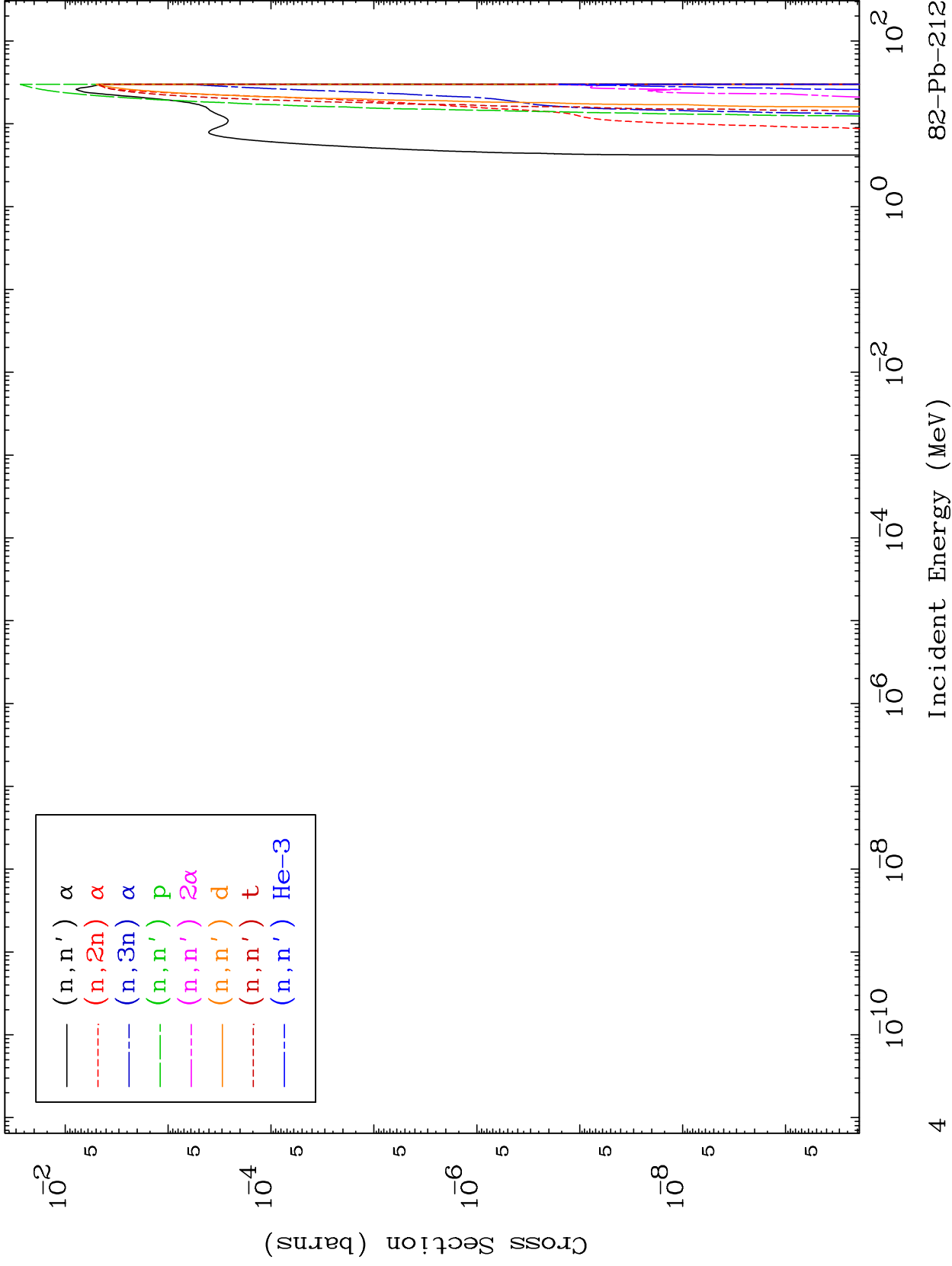
82-Pb-212

MAT 8249

MAT 8249

Charged Particle
293 Kelvin Cross Sections

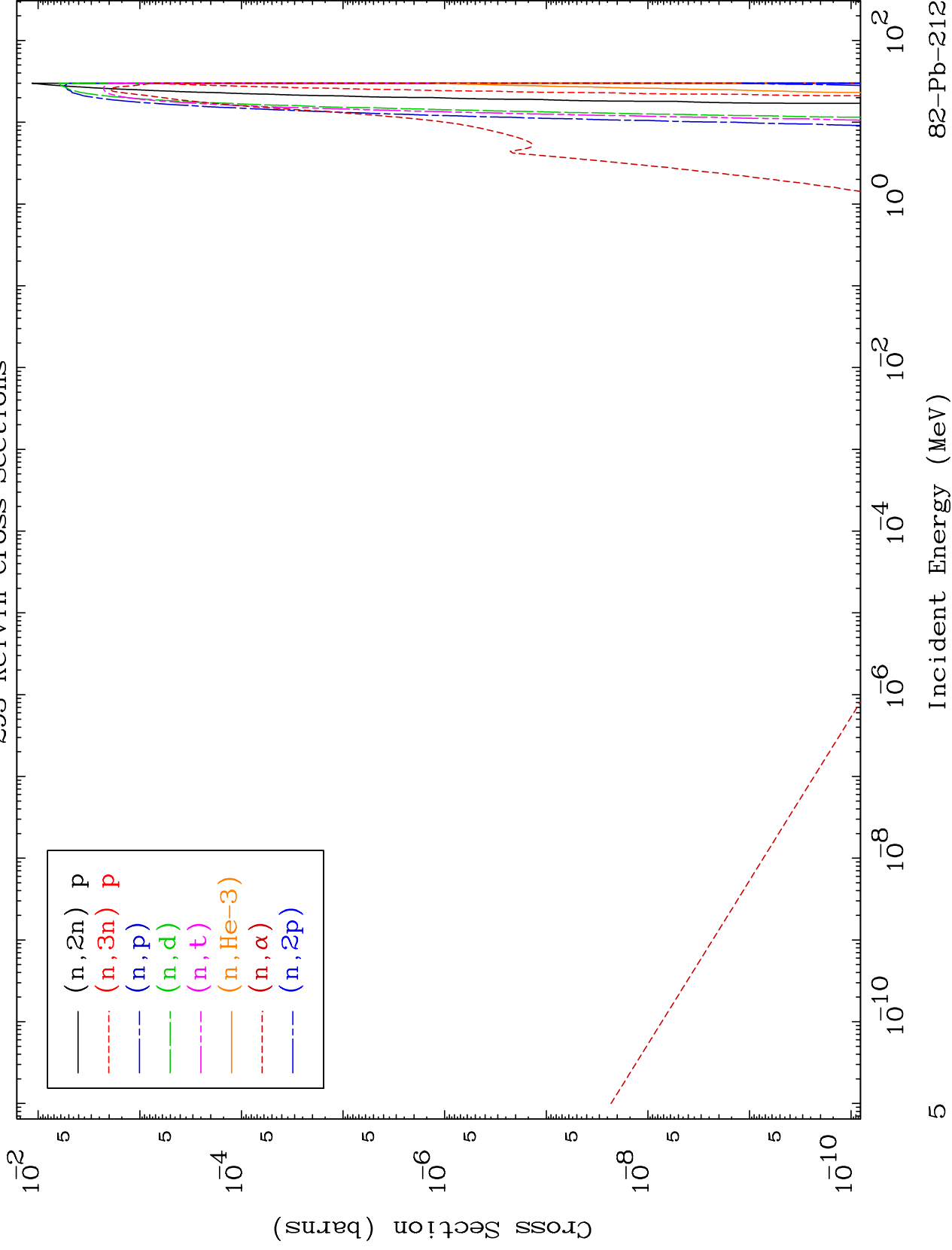
82-Pb-212

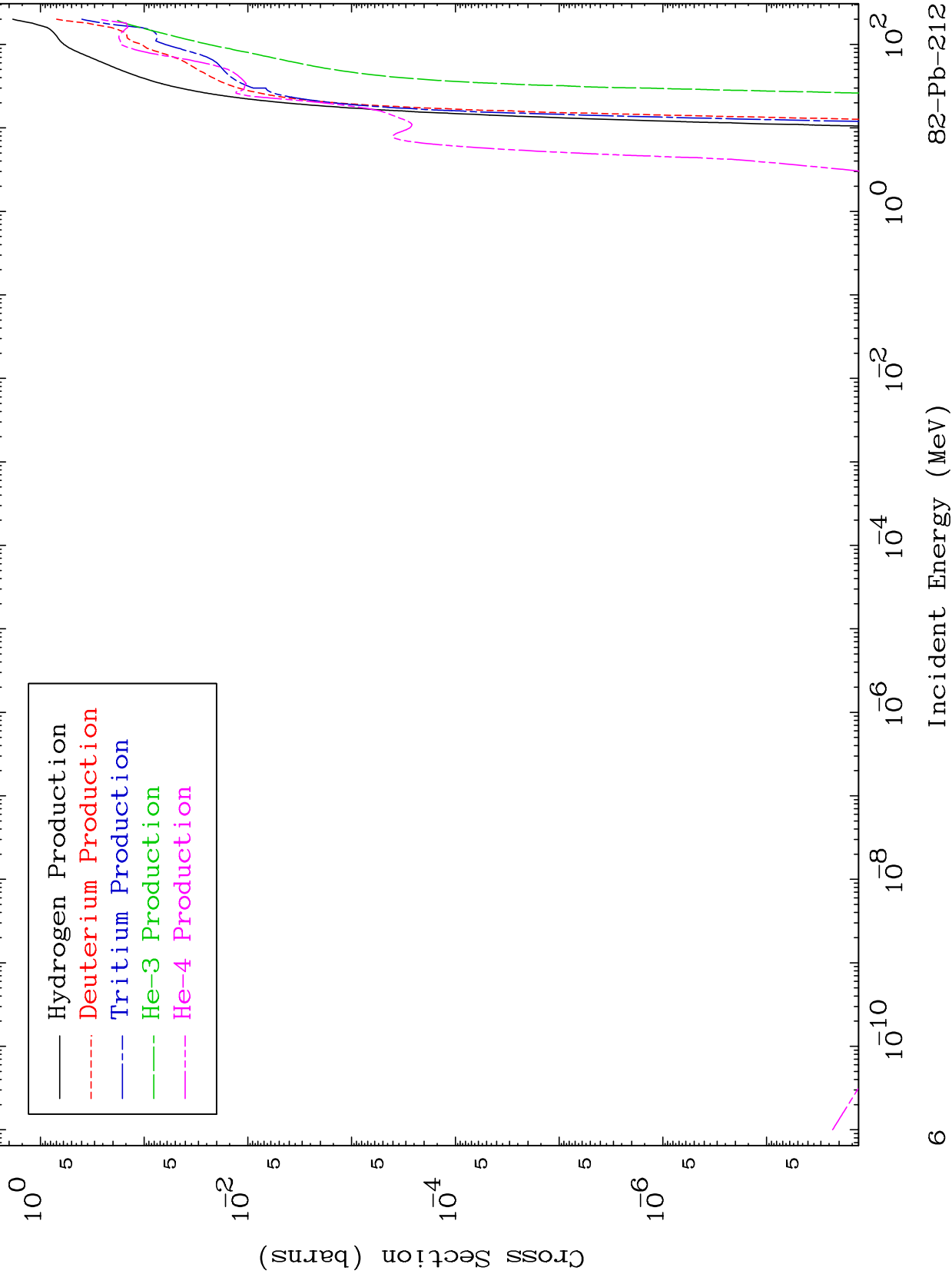


MAT 8249

Charged Particle
293 Kelvin Cross Sections

82-Pb-212



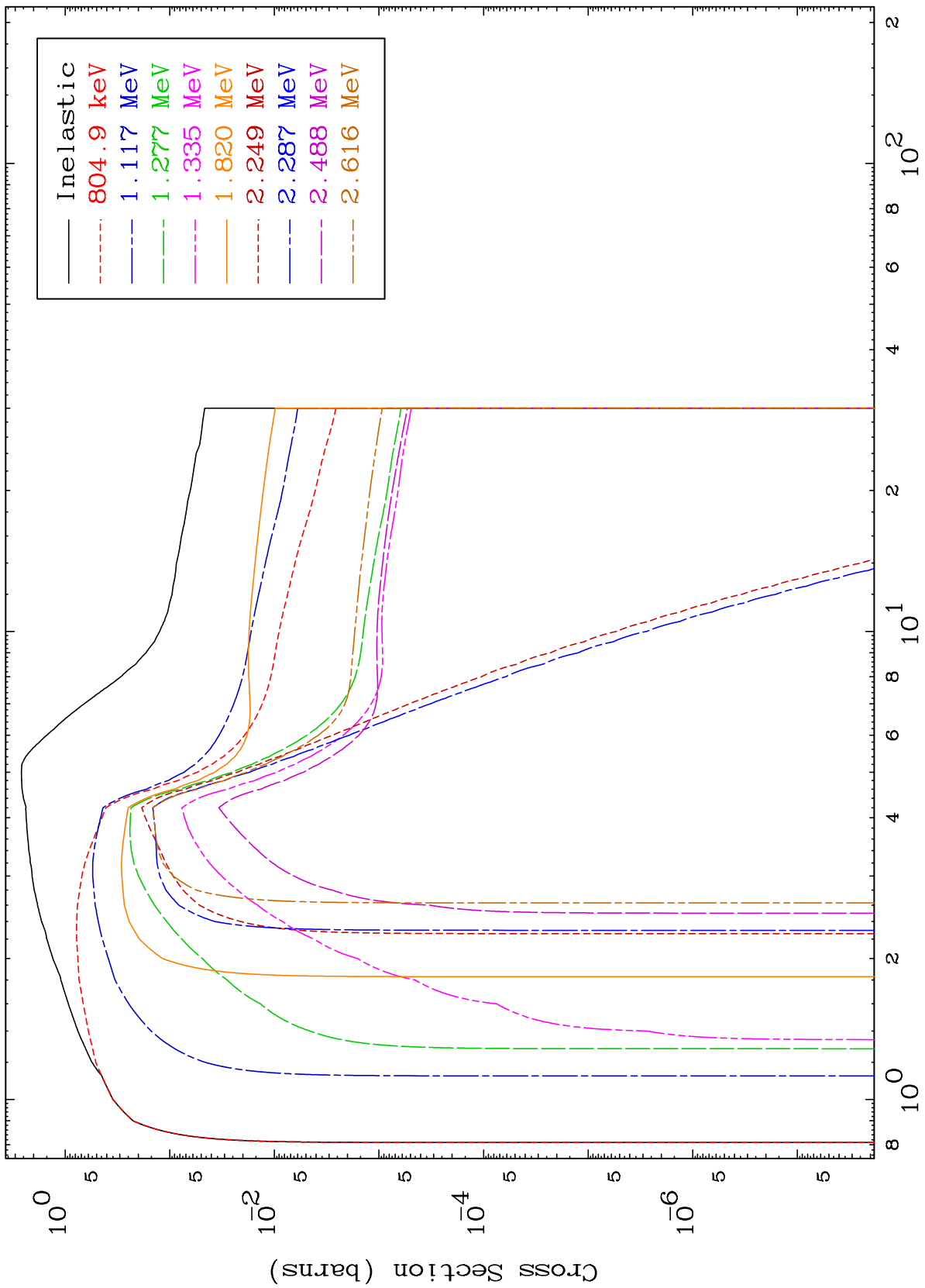


MAT 8249

(n,n') Level

82-Pb-212

293 Kelvin Cross Sections



Incident Energy (MeV)

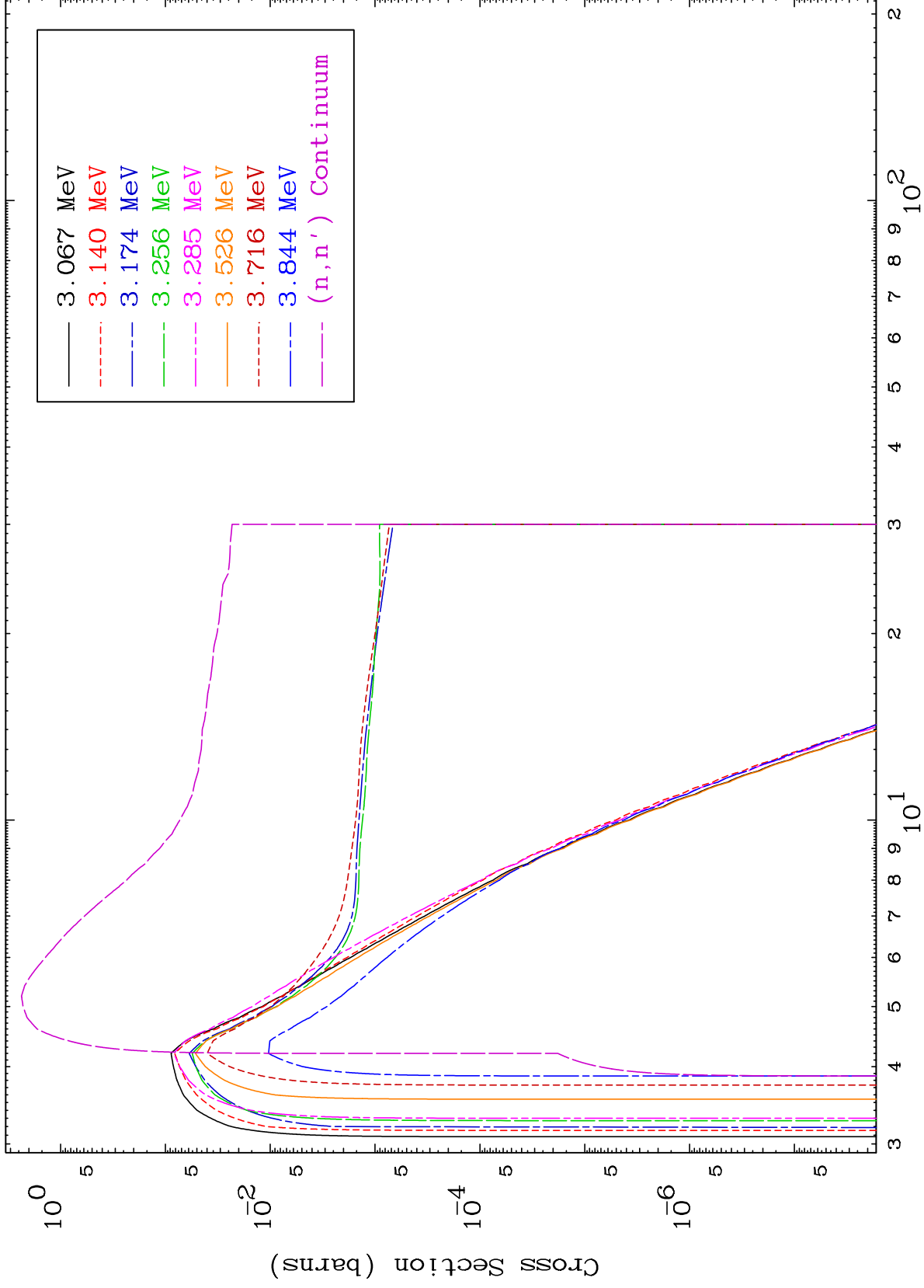
82-Pb-212

7

MAT 8249

(n,n') Level
293 Kelvin Cross Sections

82-Pb-212



8

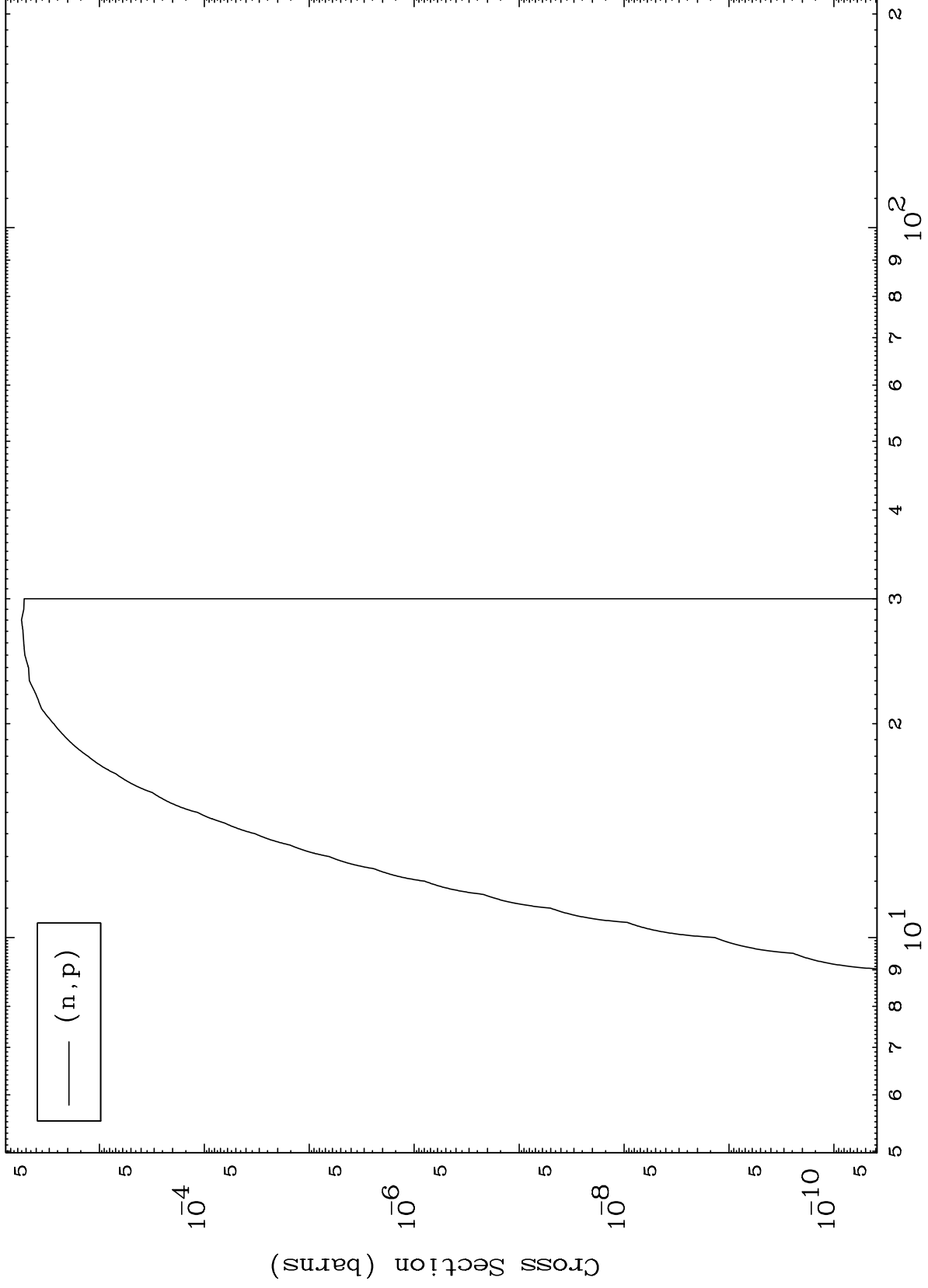
Incident Energy (MeV)

82-Pb-212

MAT 8249

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-212



9

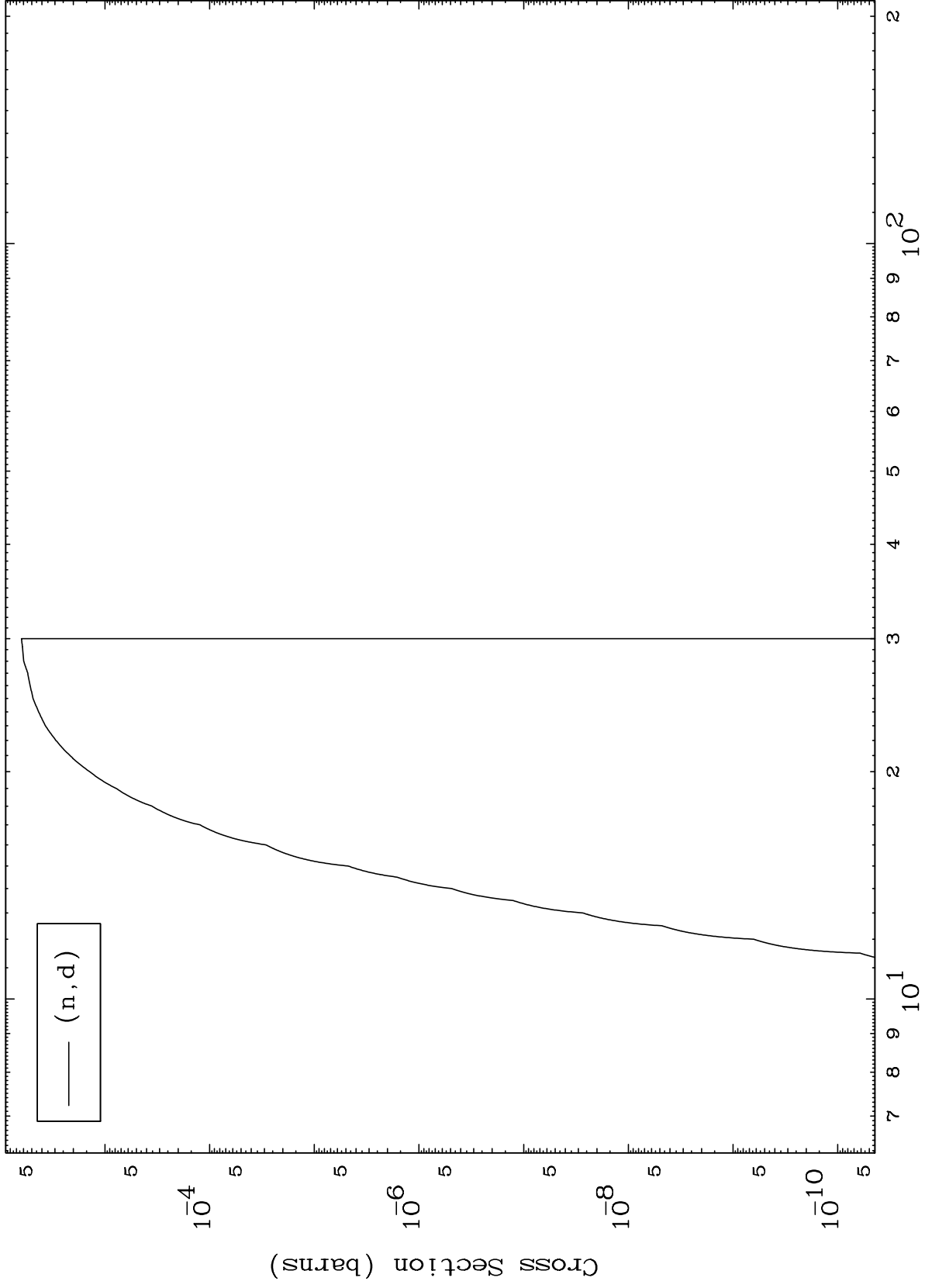
Incident Energy (MeV)

82-Pb-212

MAT 8249

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-212



10

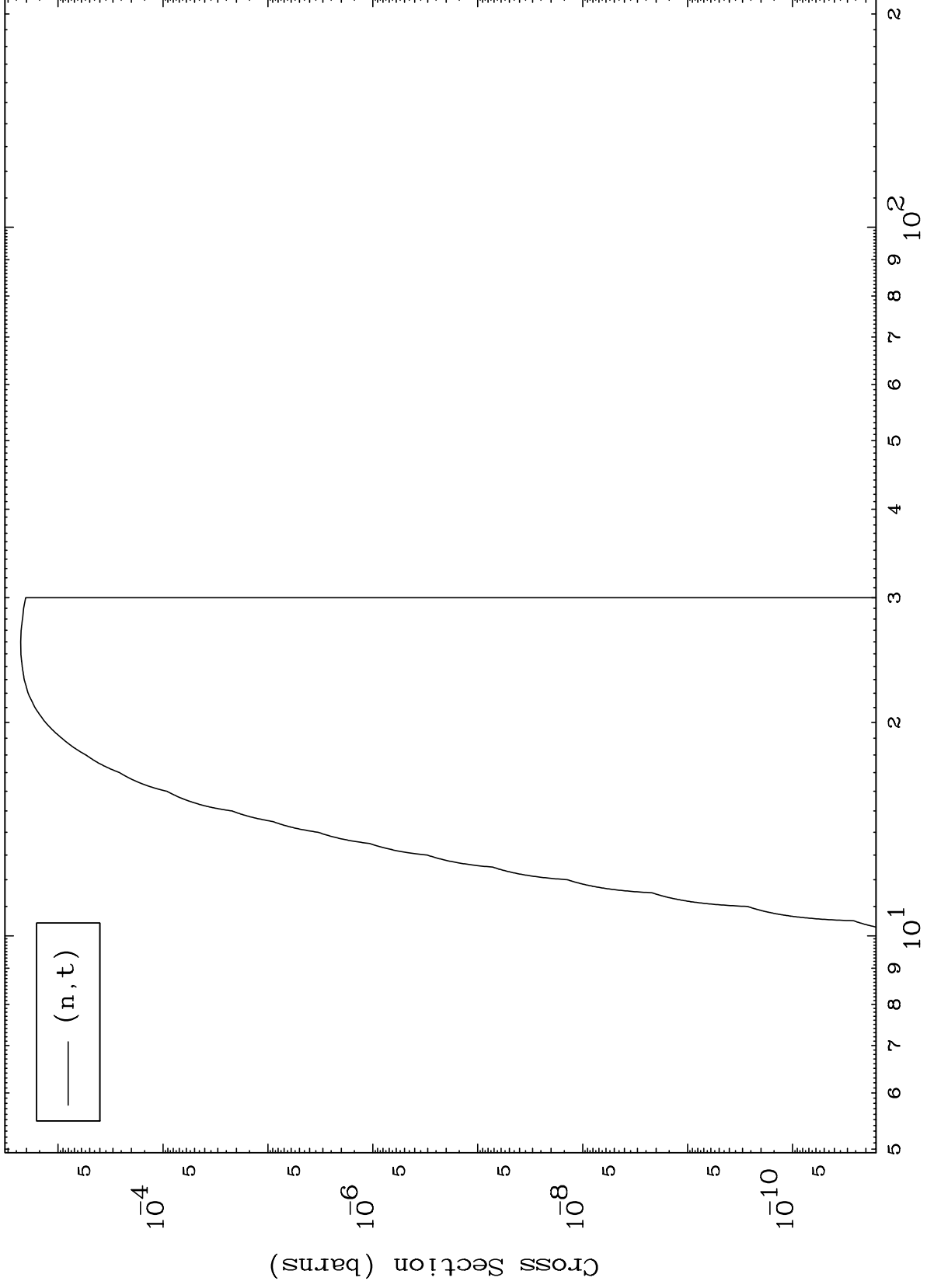
Incident Energy (MeV)

82-Pb-212

MAT 8249

(n, t) Levels
293 Kelvin Cross Sections

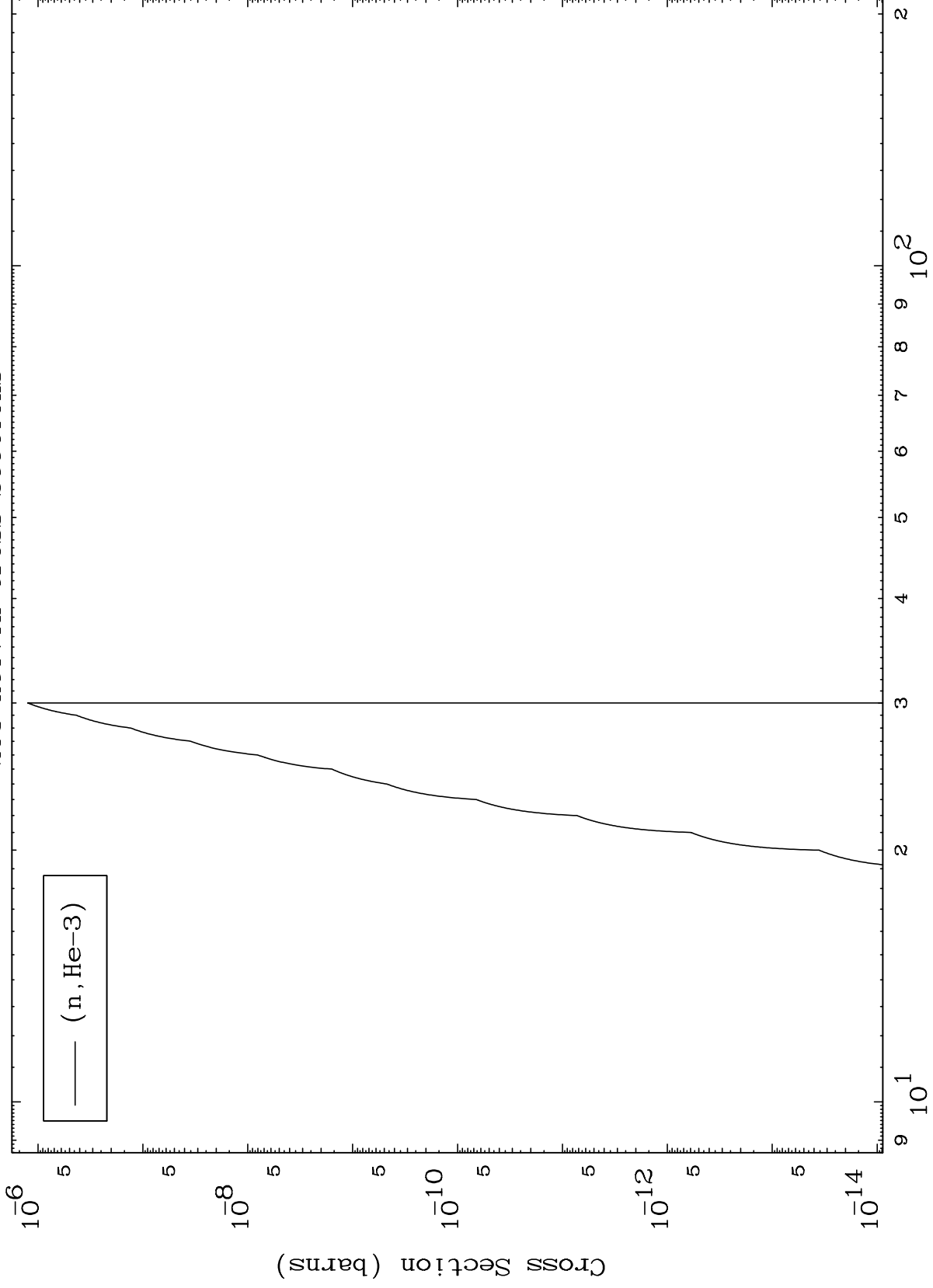
82-Pb-212



MAT 8249

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-212



12

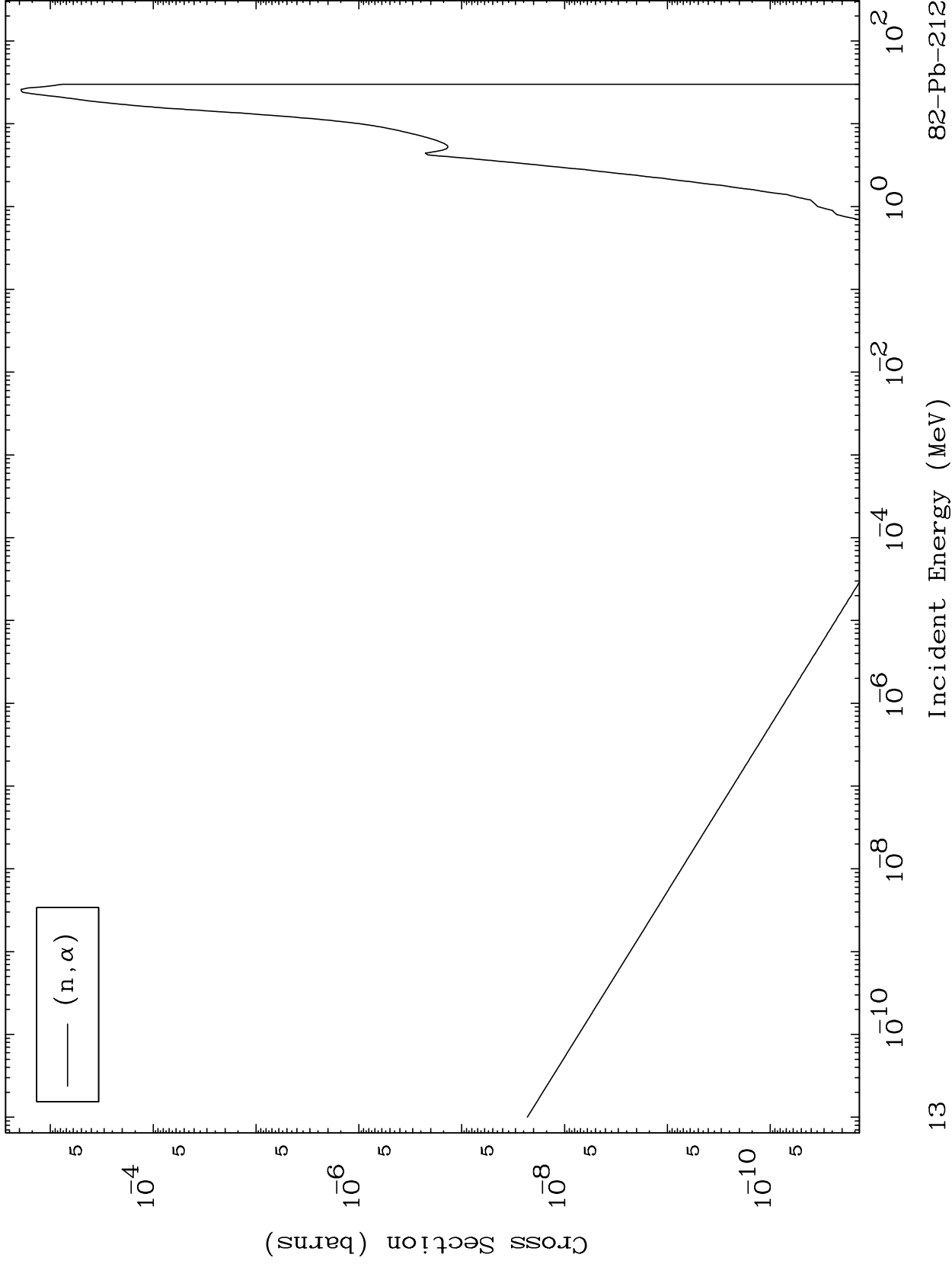
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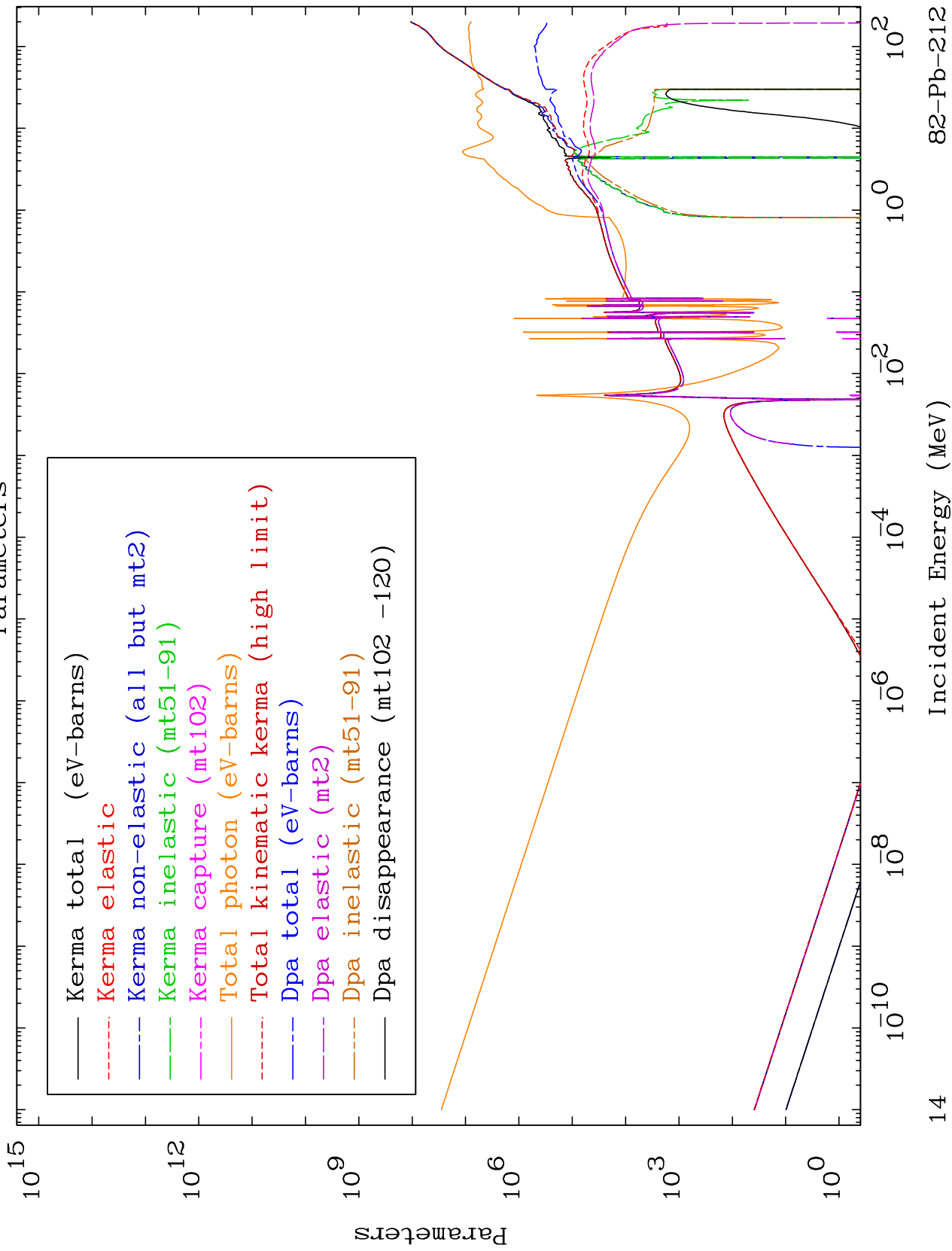
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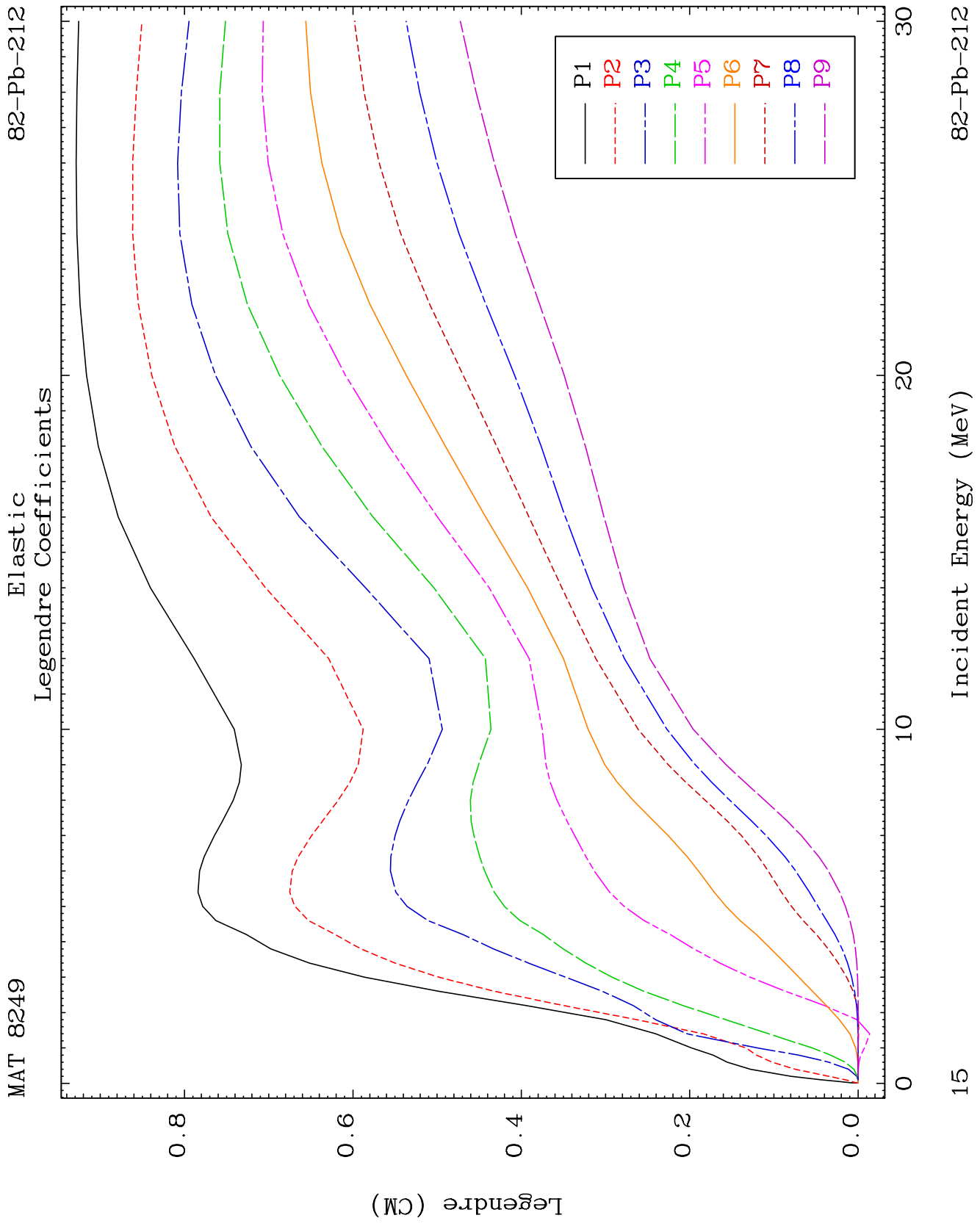
MAT 8249

(n, α) Levels
293 Kelvin Cross Sections

82-Pb-212



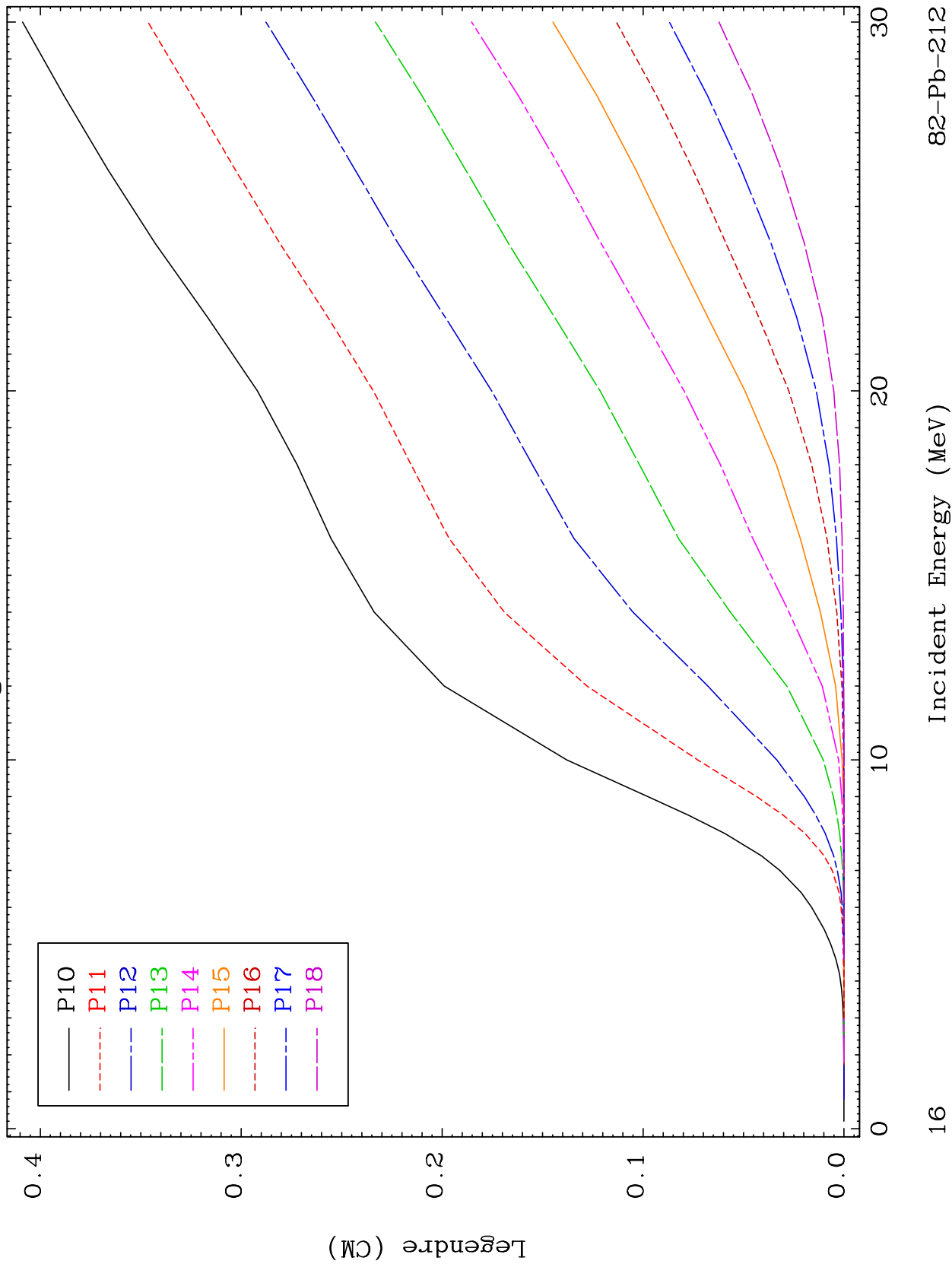




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Elastic Legendre Coefficients

82-Pb-212



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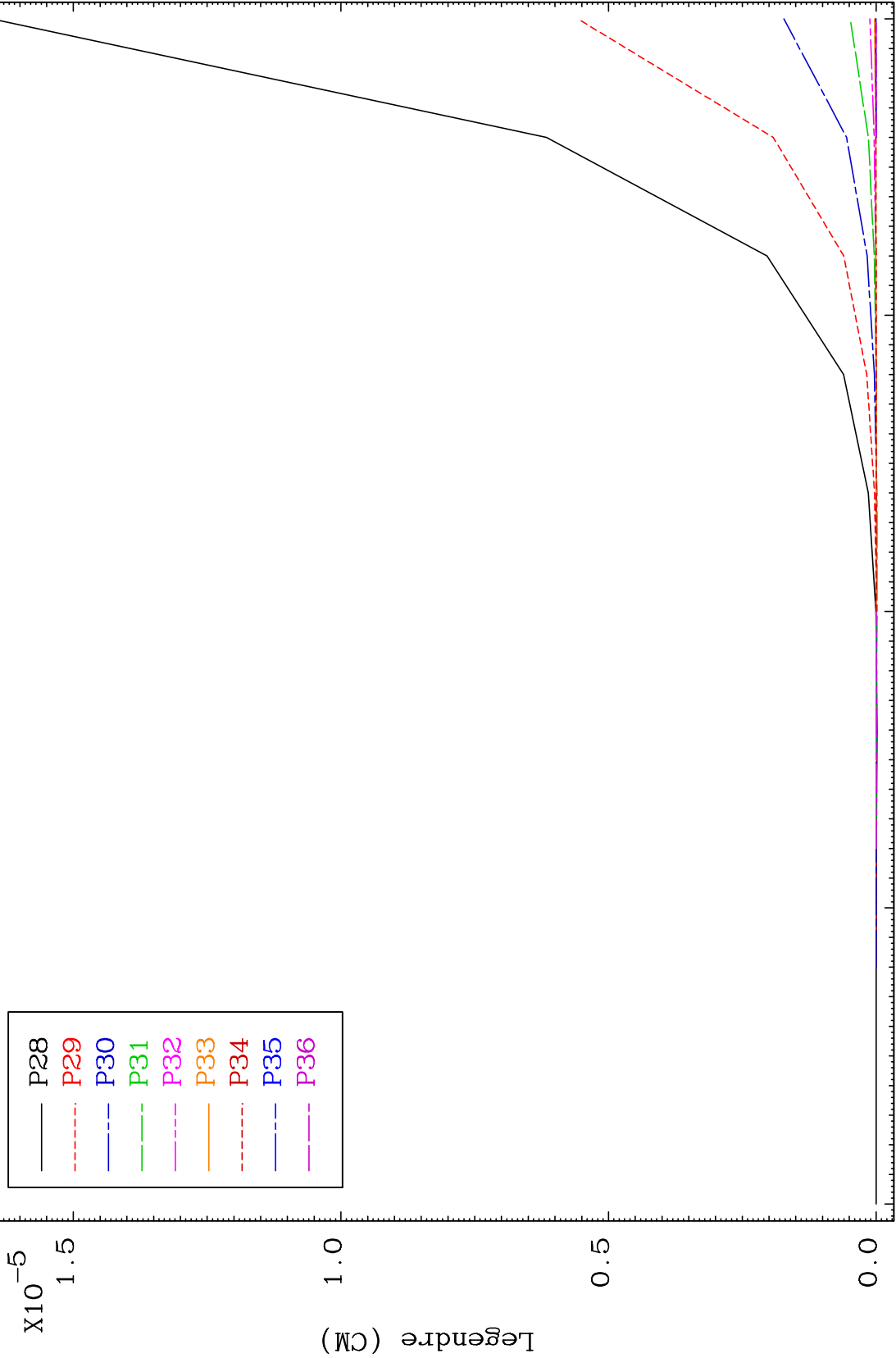
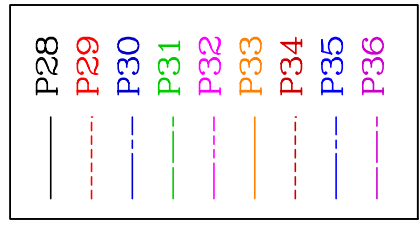
Incident Energy (MeV)

82-Pb-212

MAT 8249

Elastic Legendre Coefficients

82-Pb-212



82-Pb-212

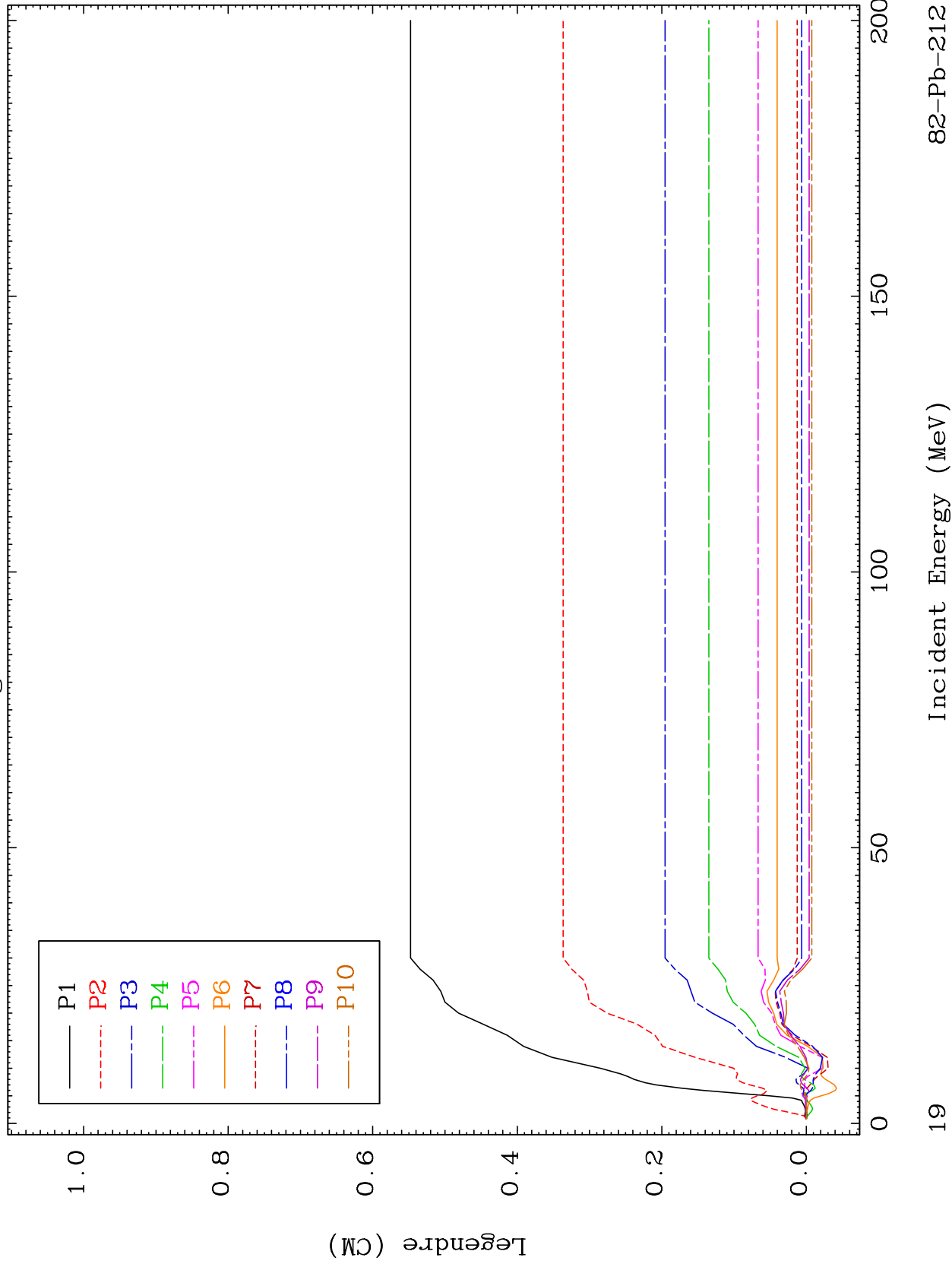
Incident Energy (MeV)

18

MAT 8249

804.9 keV (n,n') Level
Legendre Coefficients

82-Pb-212



19

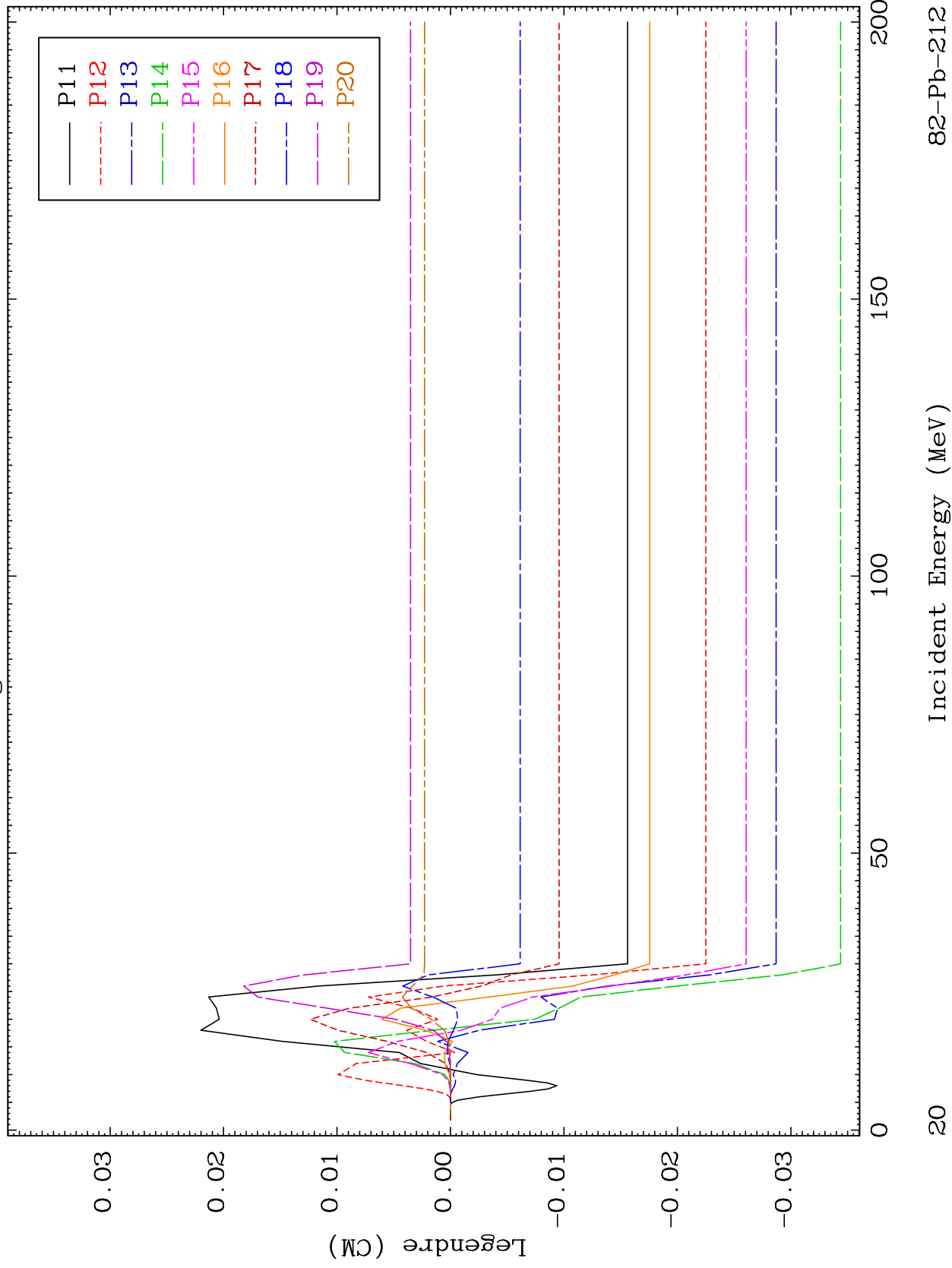
Incident Energy (MeV)

82-Pb-212

MAT 8249

804.9 keV (n,n') Level
Legendre Coefficients

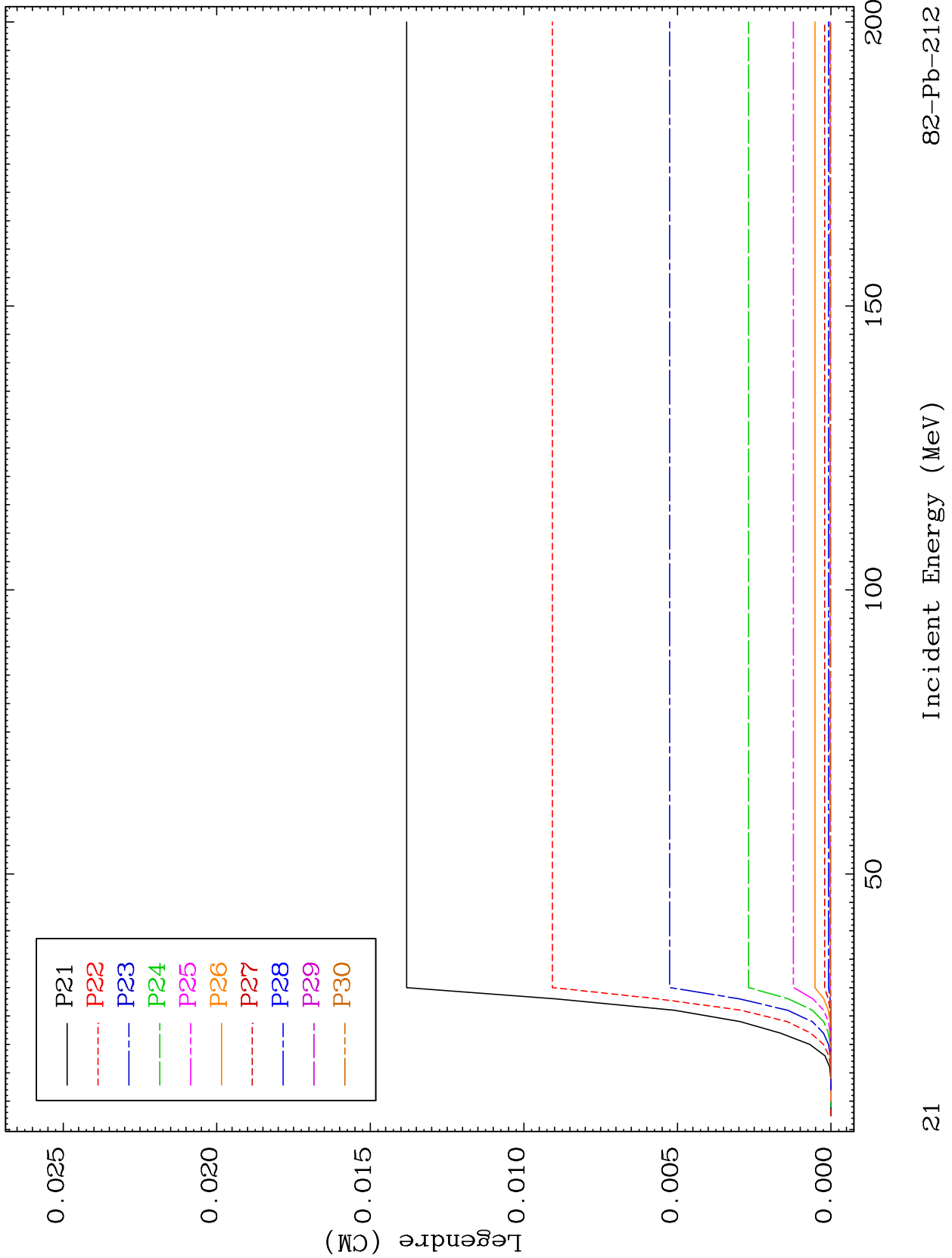
82-Pb-212



82-Pb-212

Incident Energy (MeV)

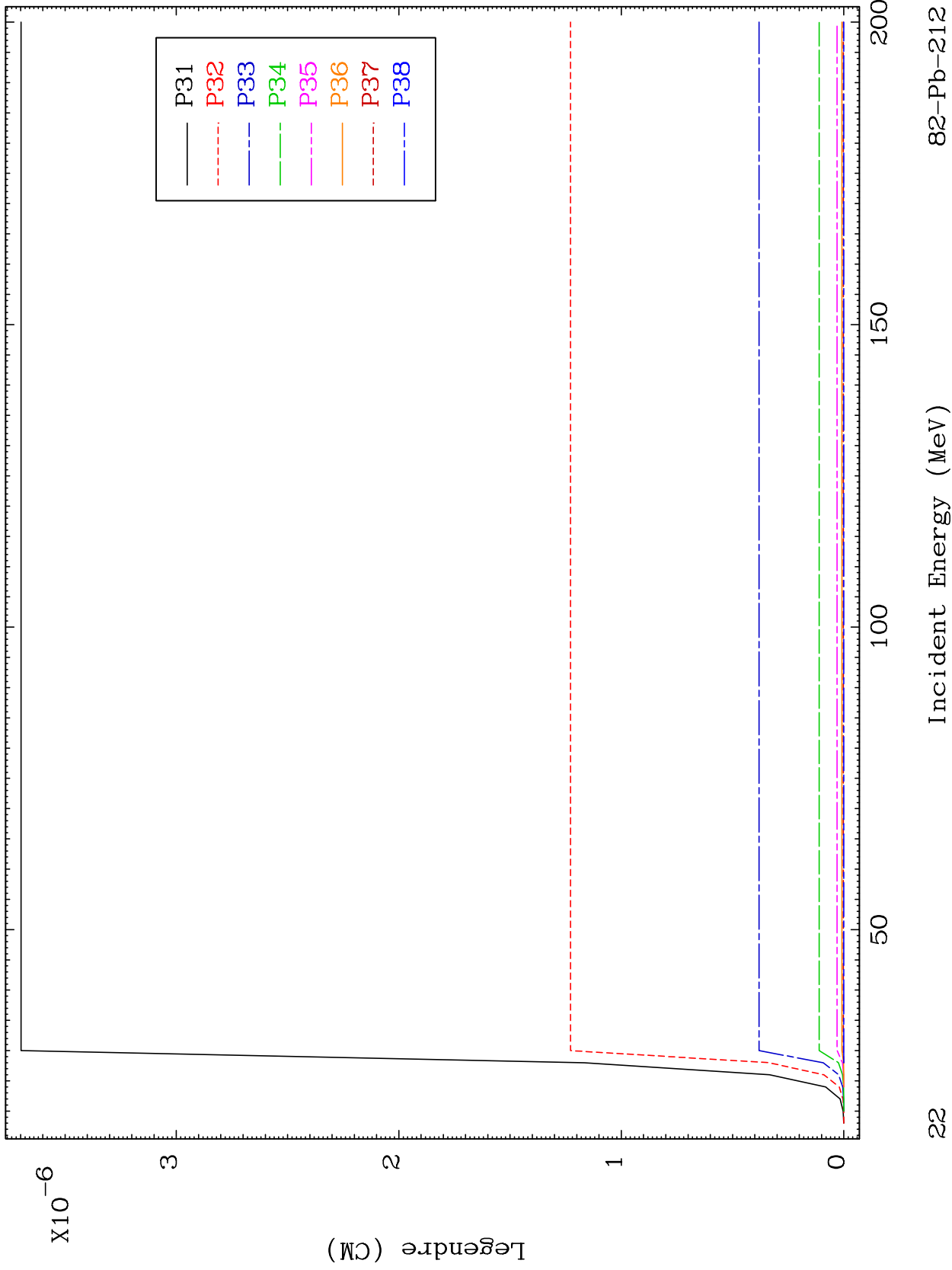
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MAT 8249

804.9 keV (n,n') Level
Legendre Coefficients

82-Pb-212



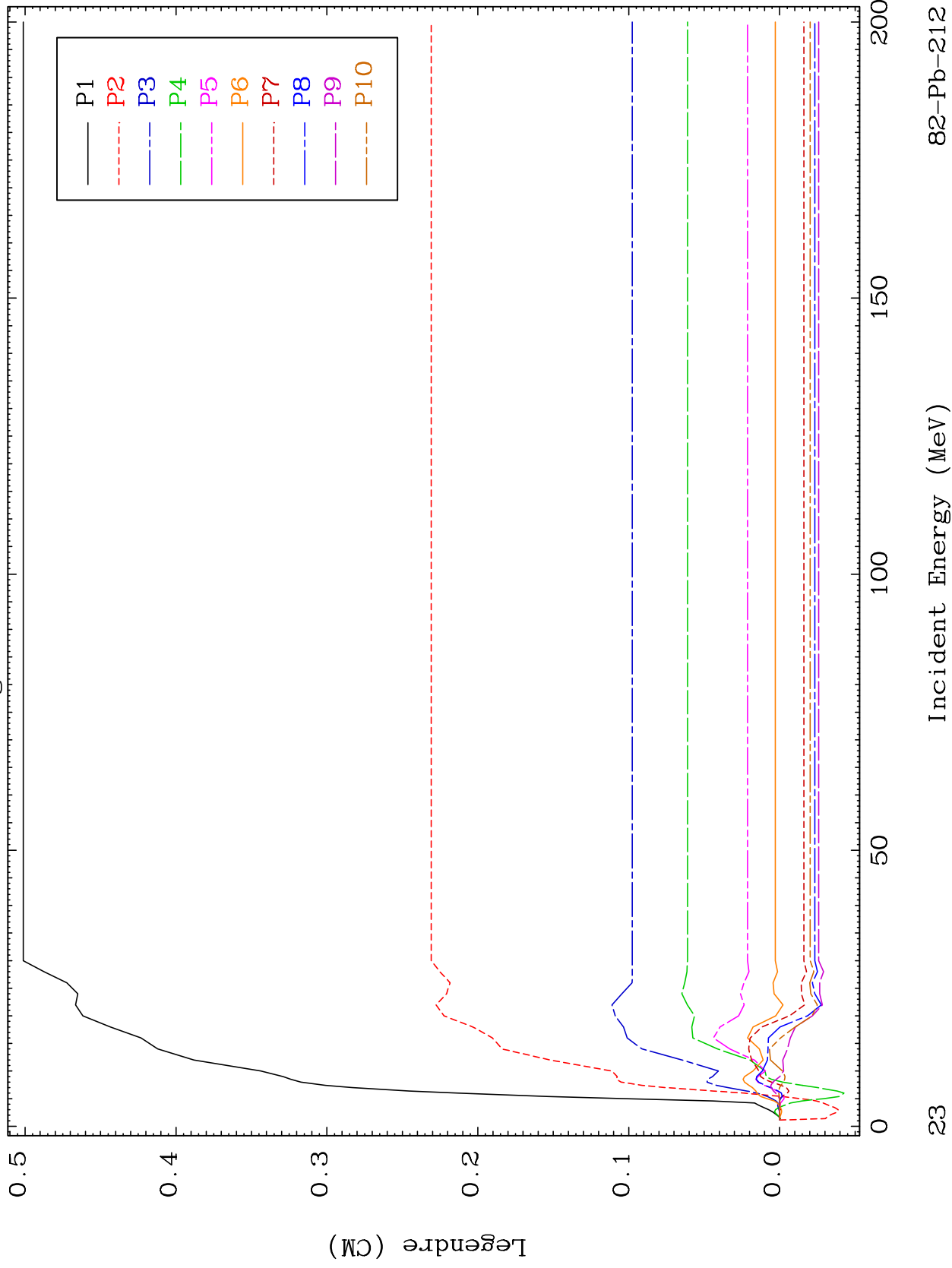
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82-Pb-212

MAT 8249

1.117 MeV (n,n') Level
Legendre Coefficients

82-Pb-212



23

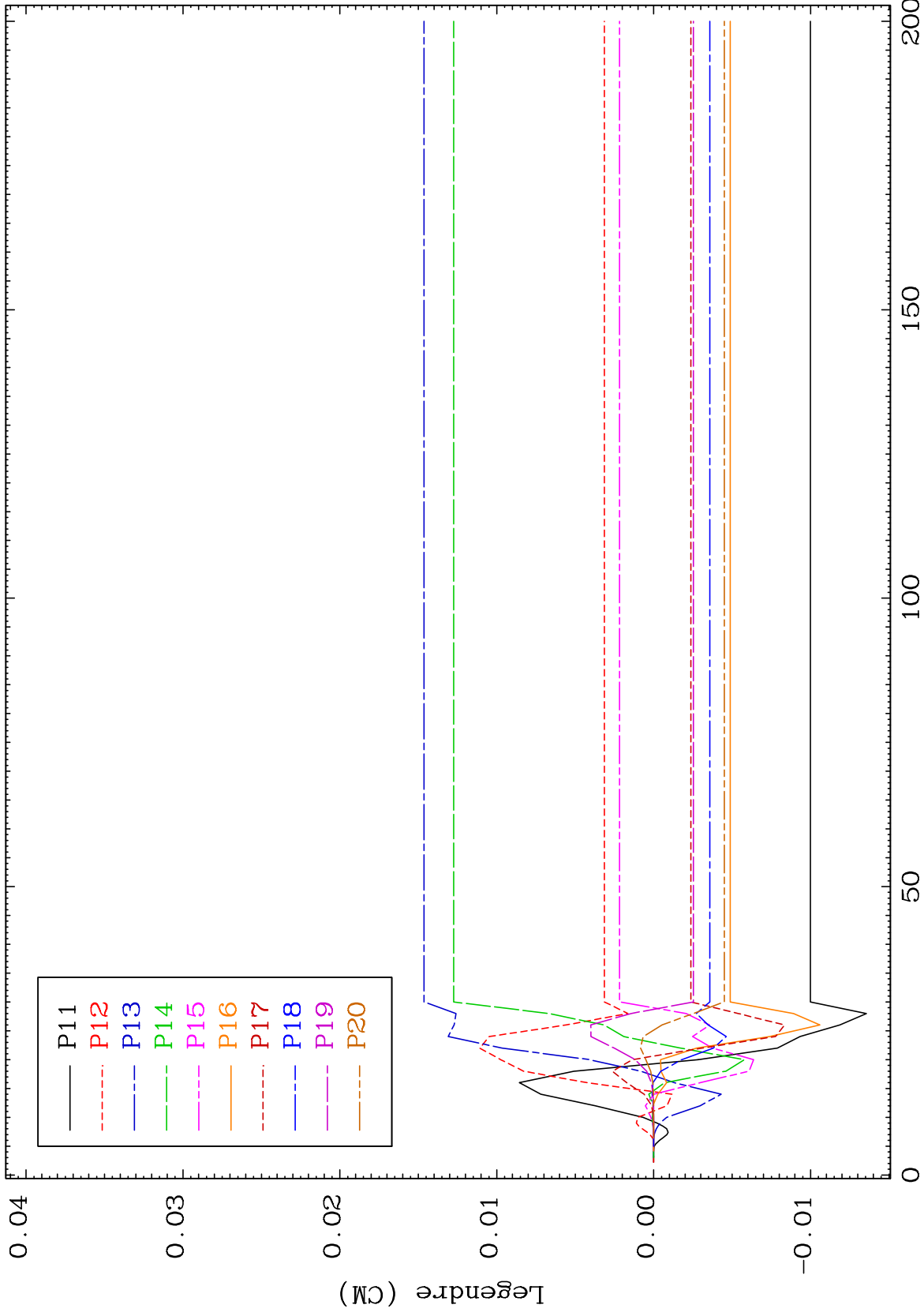
Incident Energy (MeV)

82-Pb-212

MAT 8249

1.117 MeV (n,n') Level
Legendre Coefficients

82-Pb-212



24

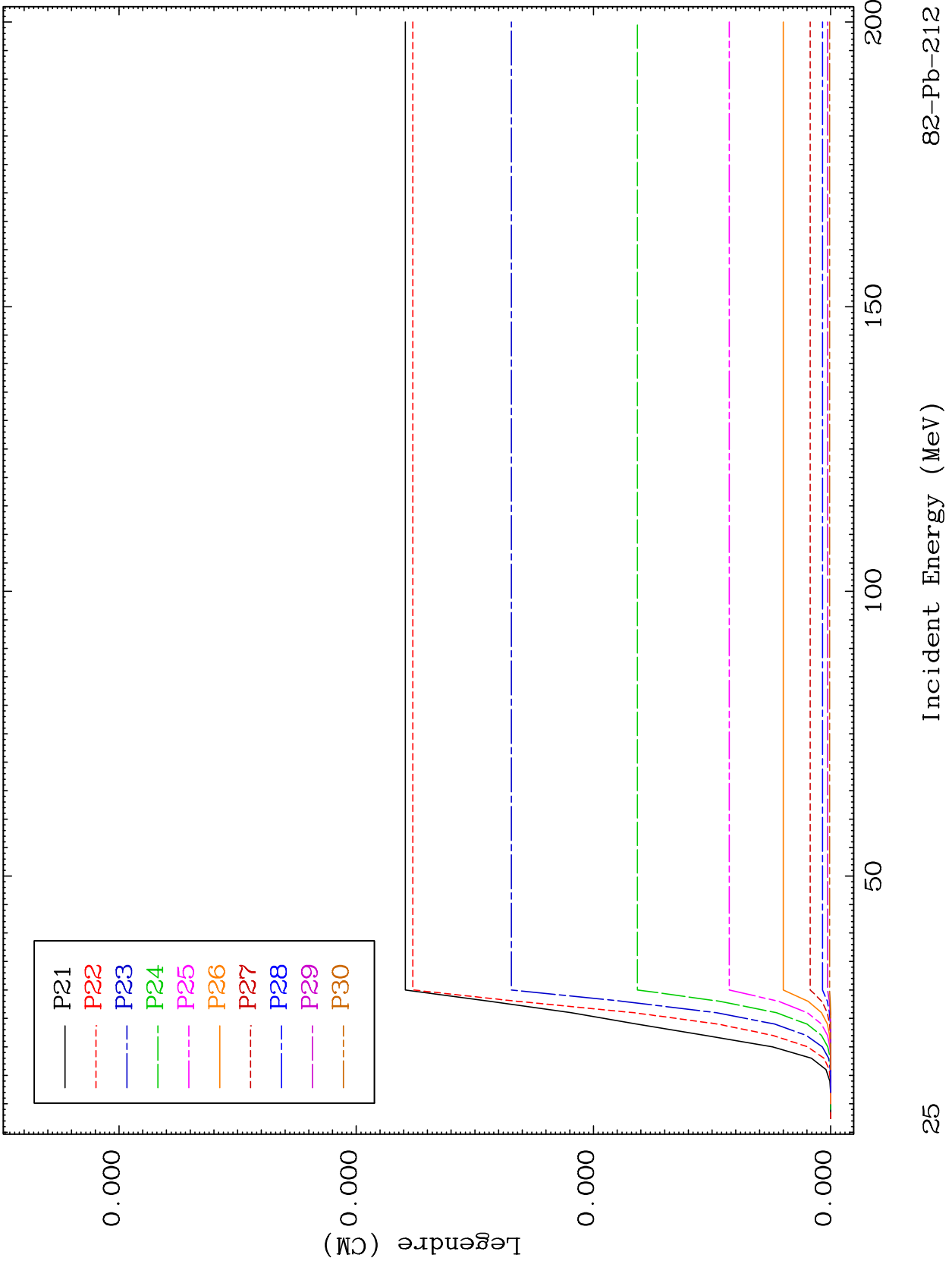
Incident Energy (MeV)

82-Pb-212

MAT 8249

1.117 MeV (n,n') Level
Legendre Coefficients

82-Pb-212



25

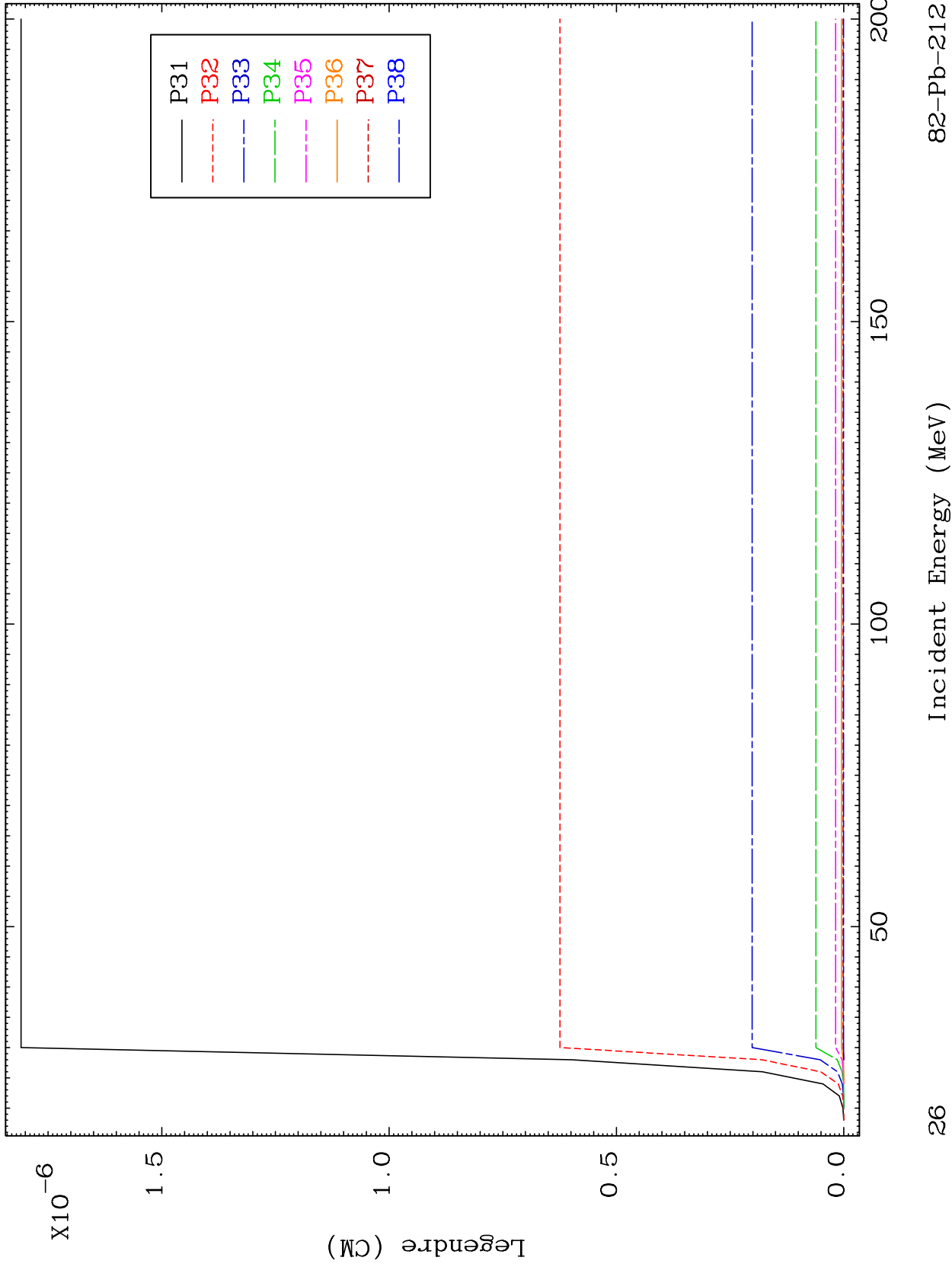
Incident Energy (MeV)

82-Pb-212

MAT 8249

1.117 MeV (n,n') Level
Legendre Coefficients

82-Pb-212

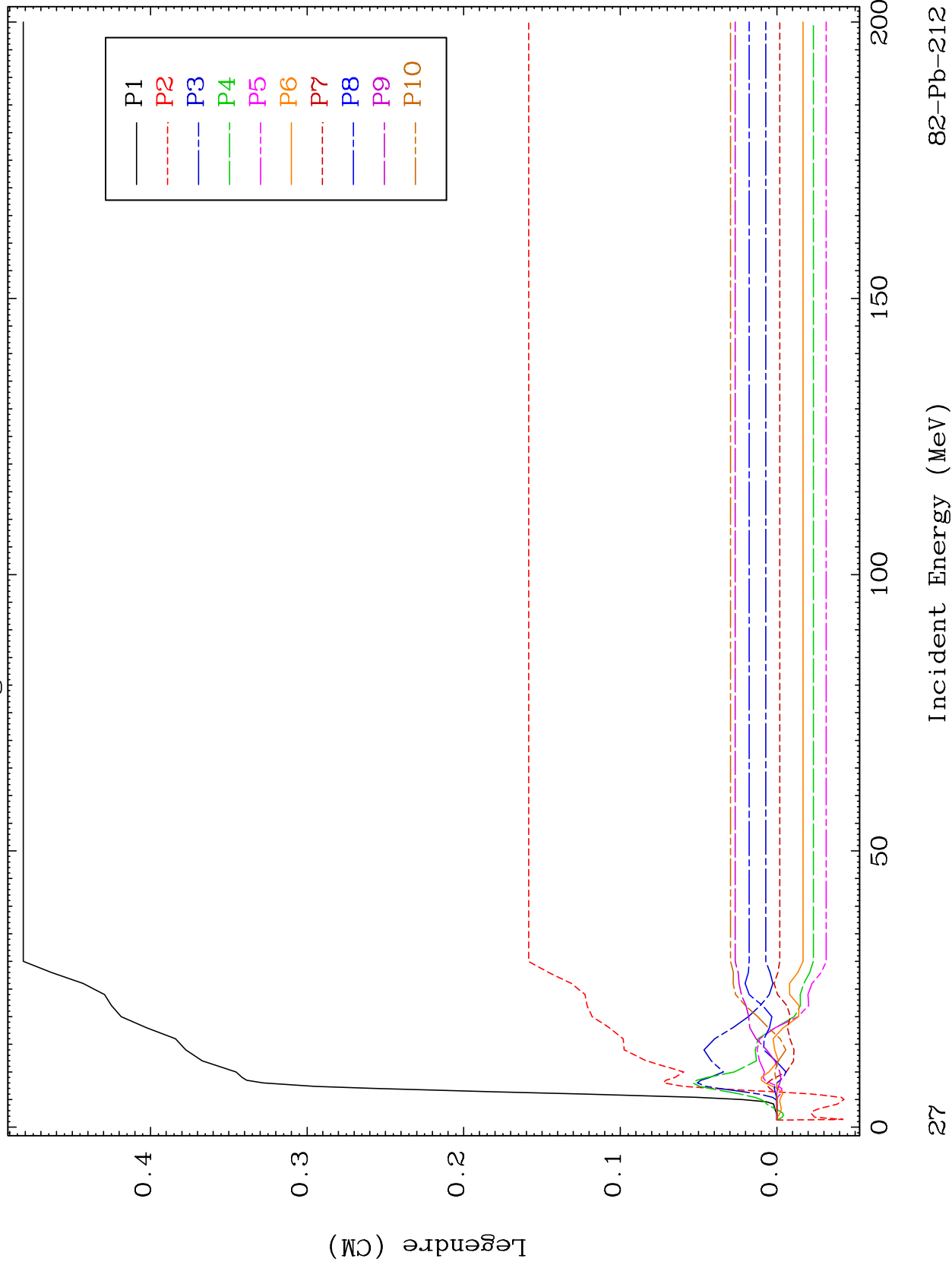


26

MAT 8249

1.277 MeV (n,n') Level
Legendre Coefficients

82-Pb-212



82-Pb-212

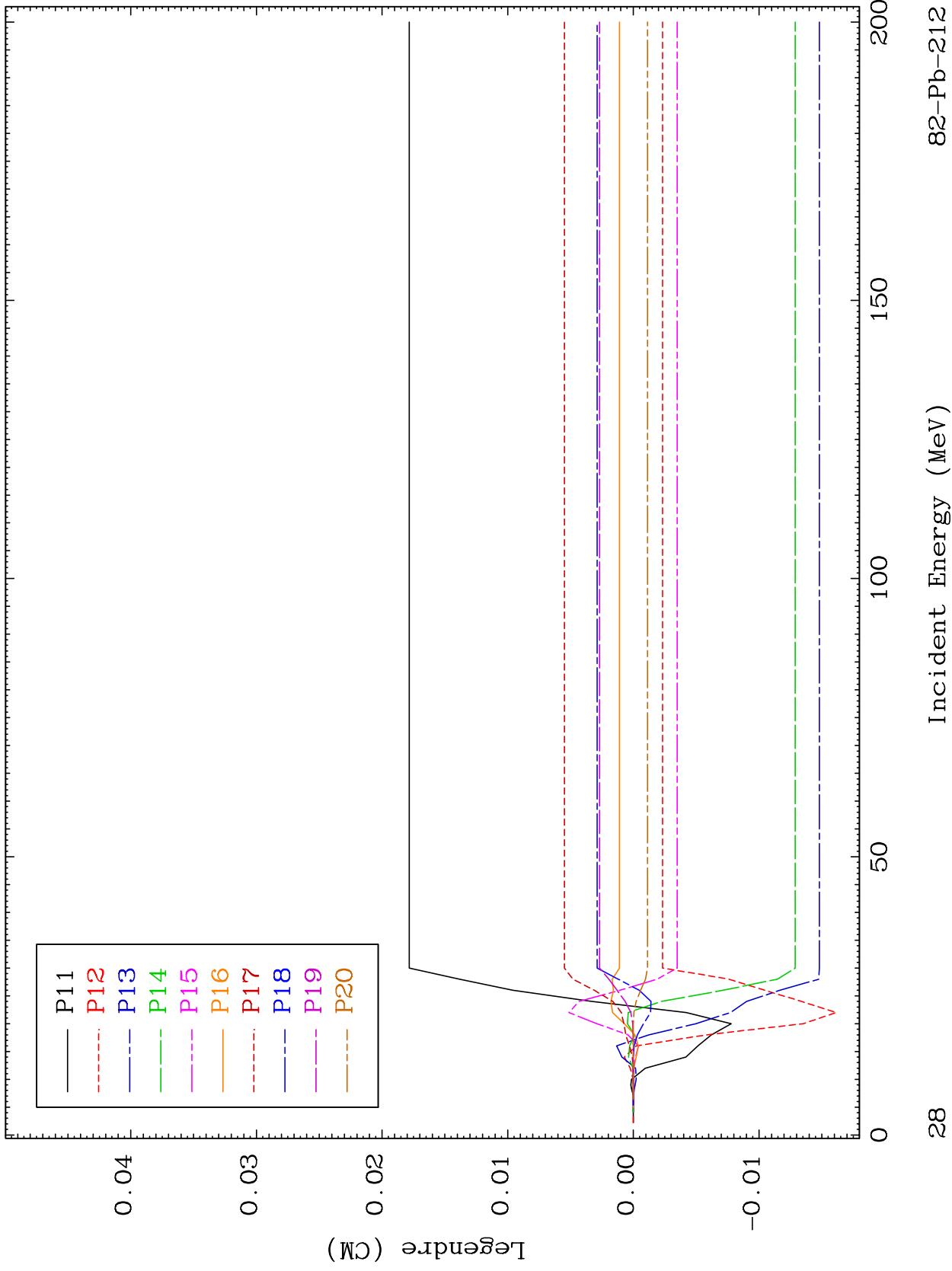
Incident Energy (MeV)

27

MAT 8249

1.277 MeV (n,n') Level
Legendre Coefficients

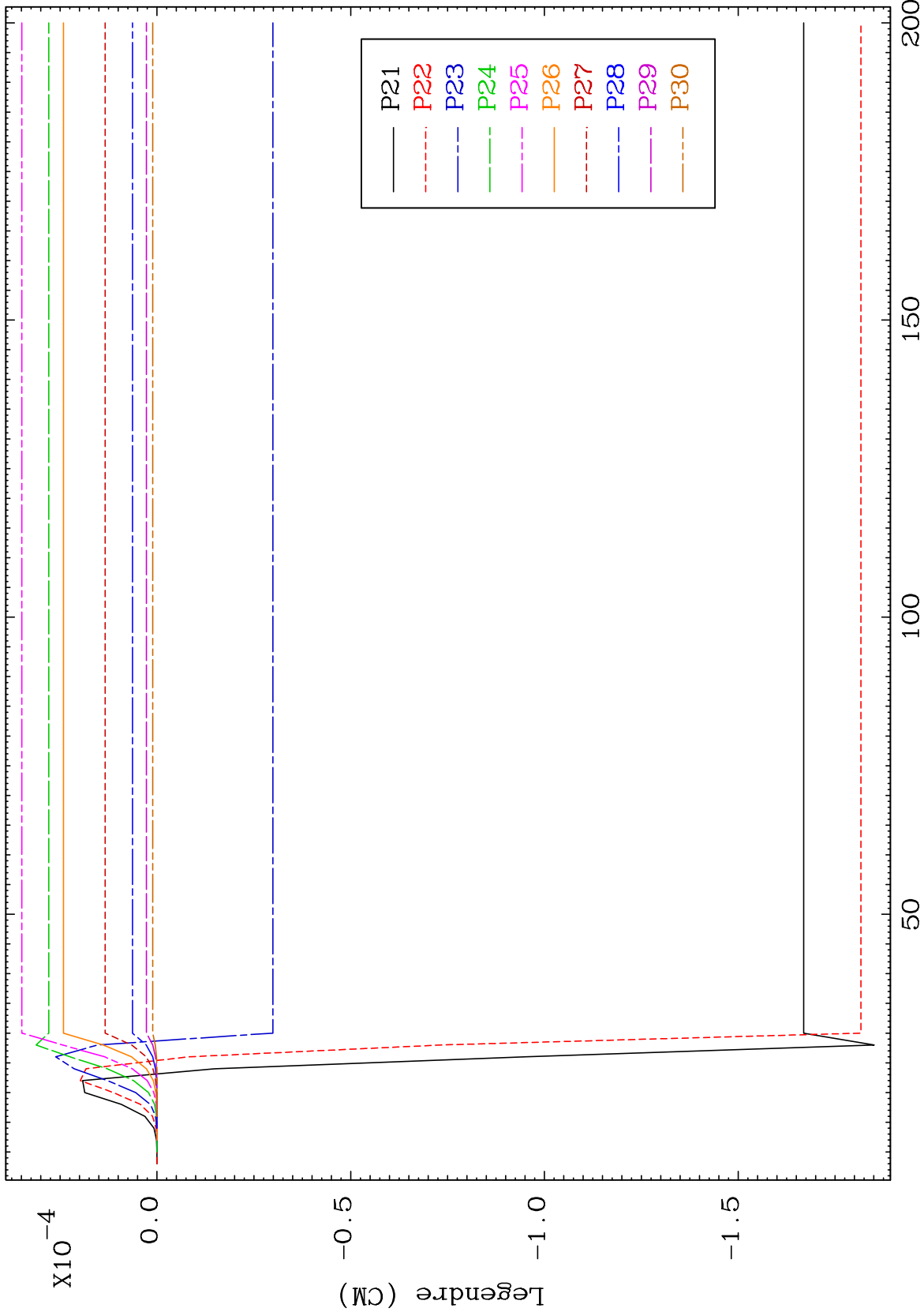
82-Pb-212



28

Incident Energy (MeV)

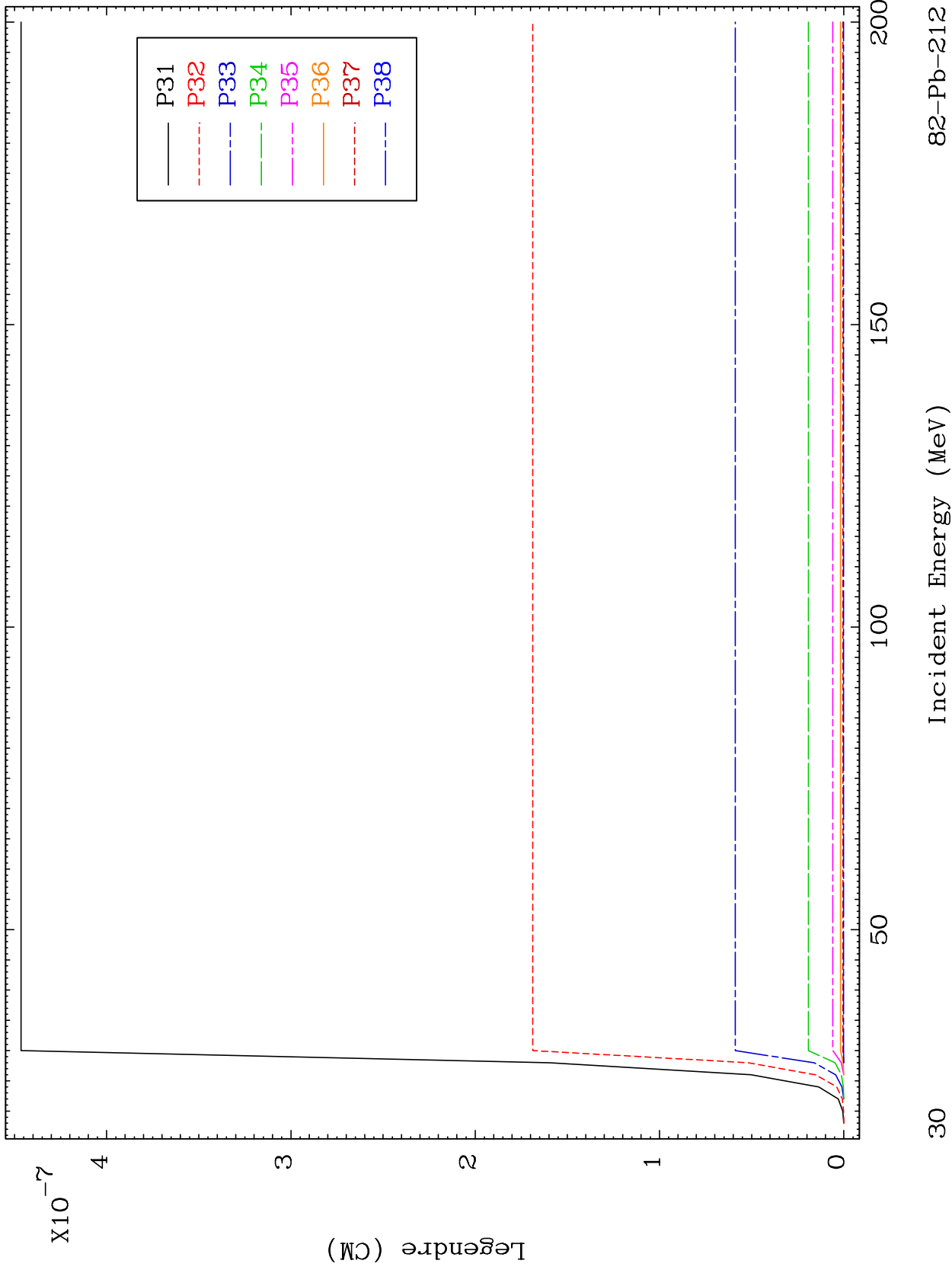
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MAT 8249

1.277 MeV (n, n') Level
Legendre Coefficients

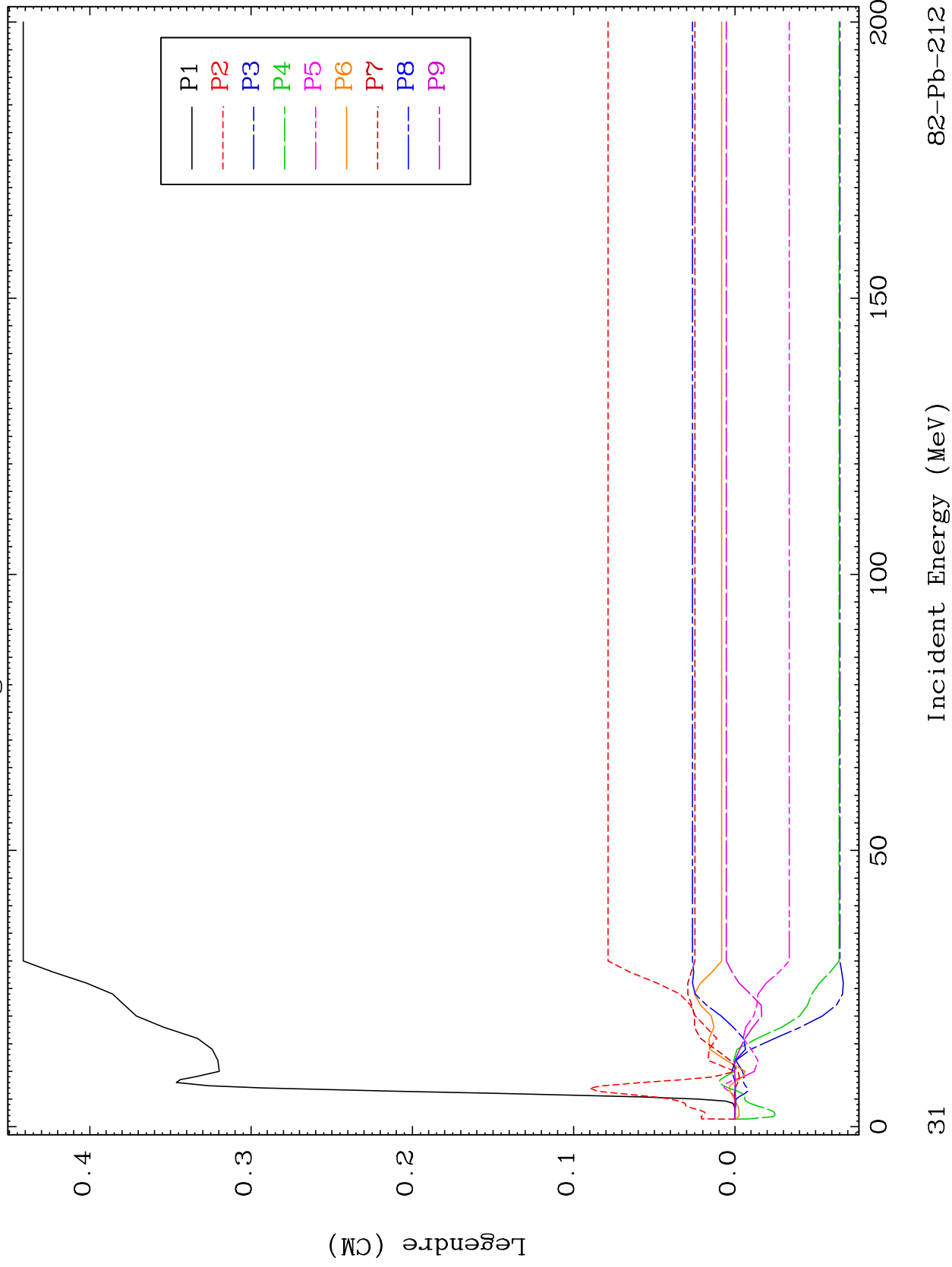
82-Pb-212



MAT 8249

1.335 MeV (n,n') Level
Legendre Coefficients

82-Pb-212



31

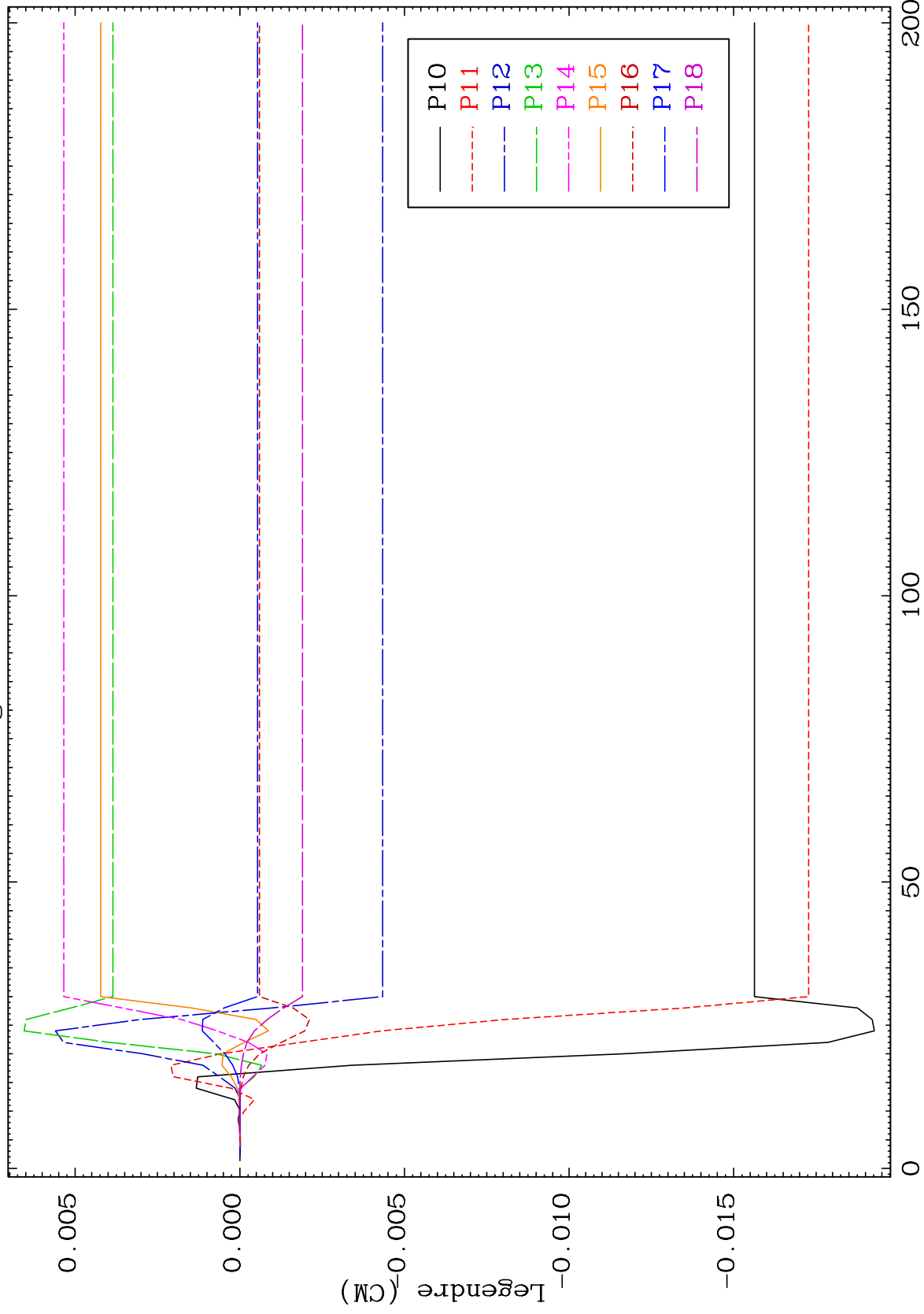
Incident Energy (MeV)

82-Pb-212

MAT 8249

1.335 MeV (n,n') Level
Legendre Coefficients

82-Pb-212



32

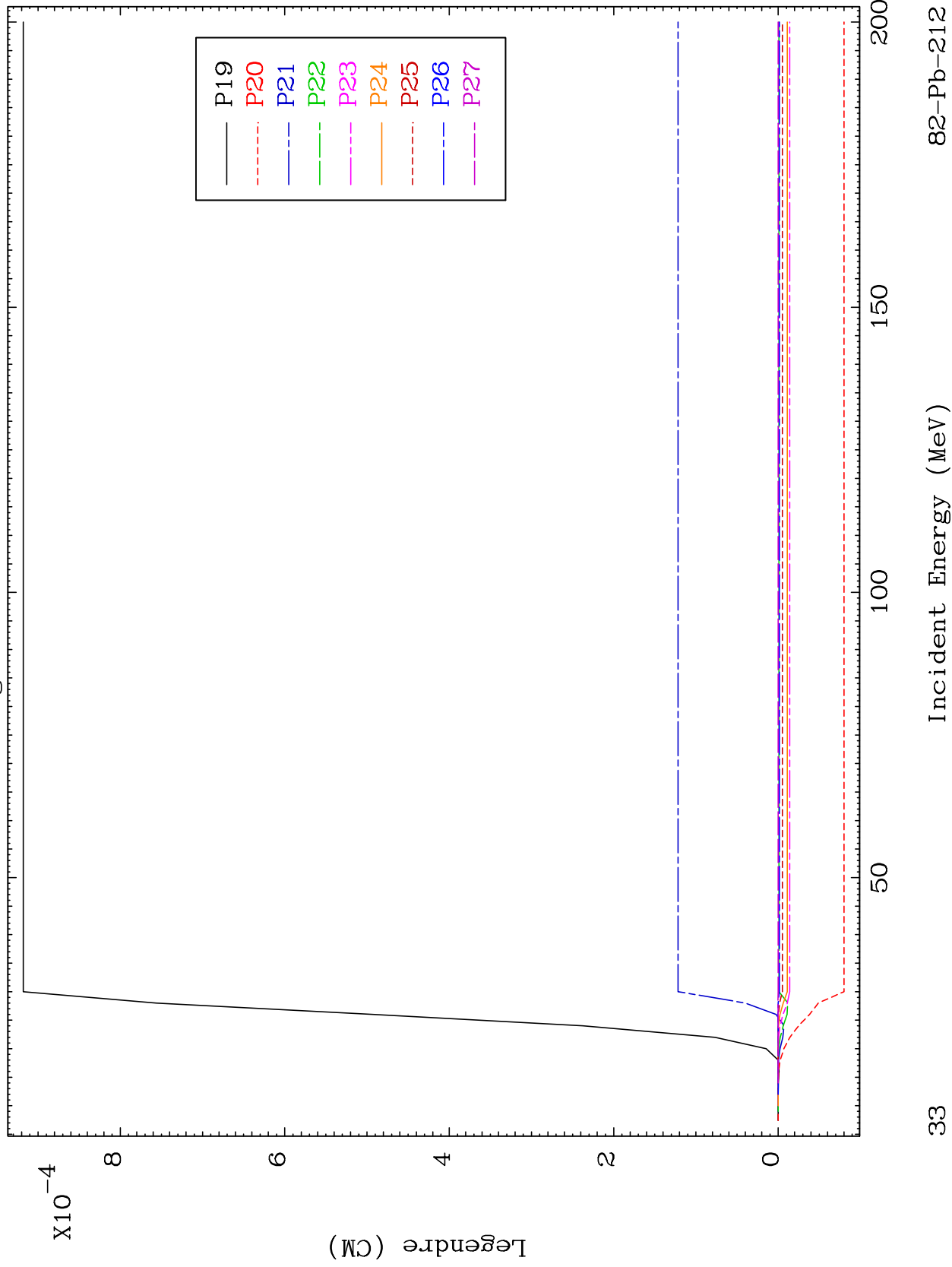
Incident Energy (MeV)

82-Pb-212

MAT 8249

1.335 MeV (n,n') Level
Legendre Coefficients

82-Pb-212



33

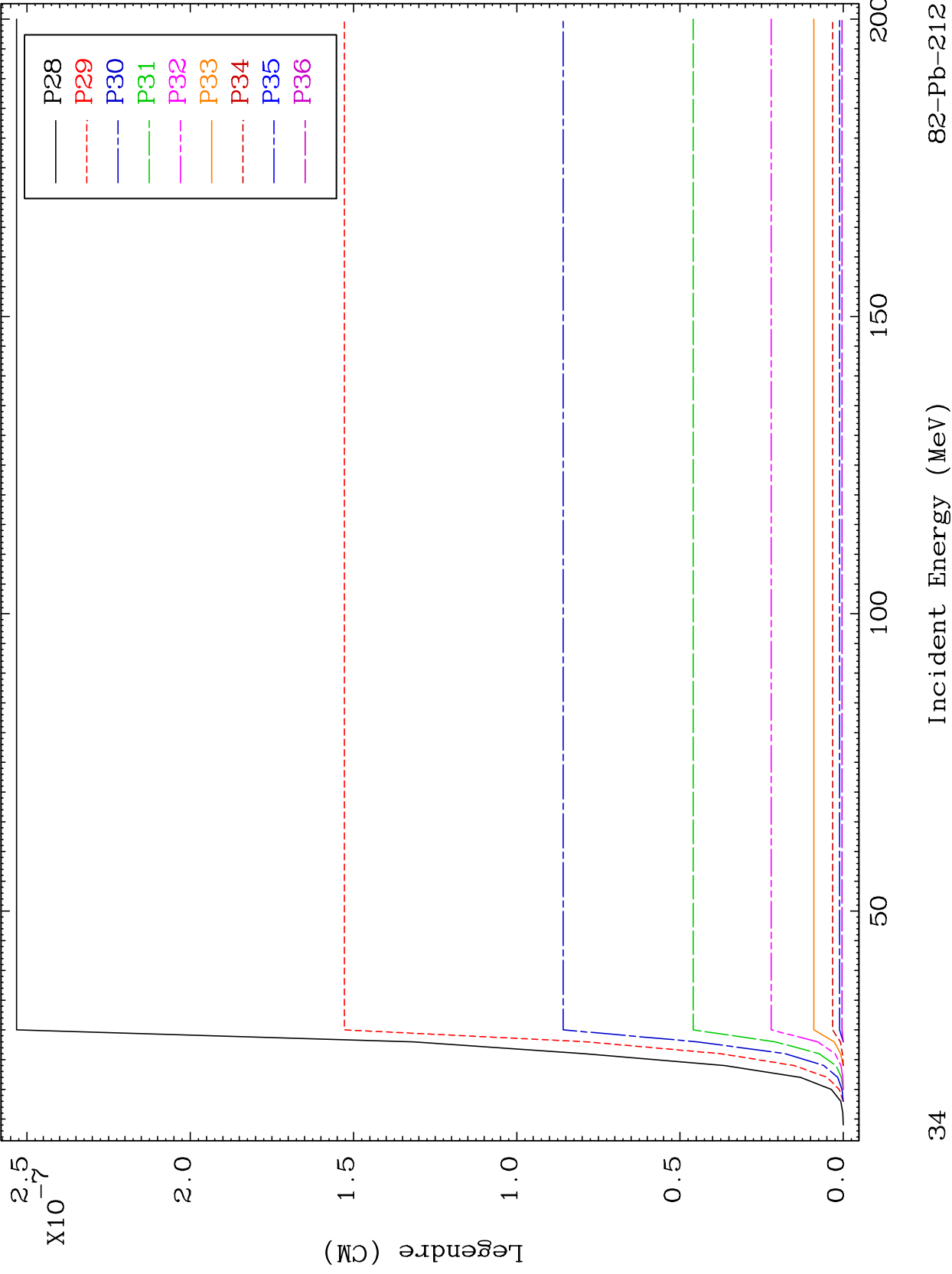
Incident Energy (MeV)

82-Pb-212

MAT 8249

1.335 MeV (n, n') Level
Legendre Coefficients

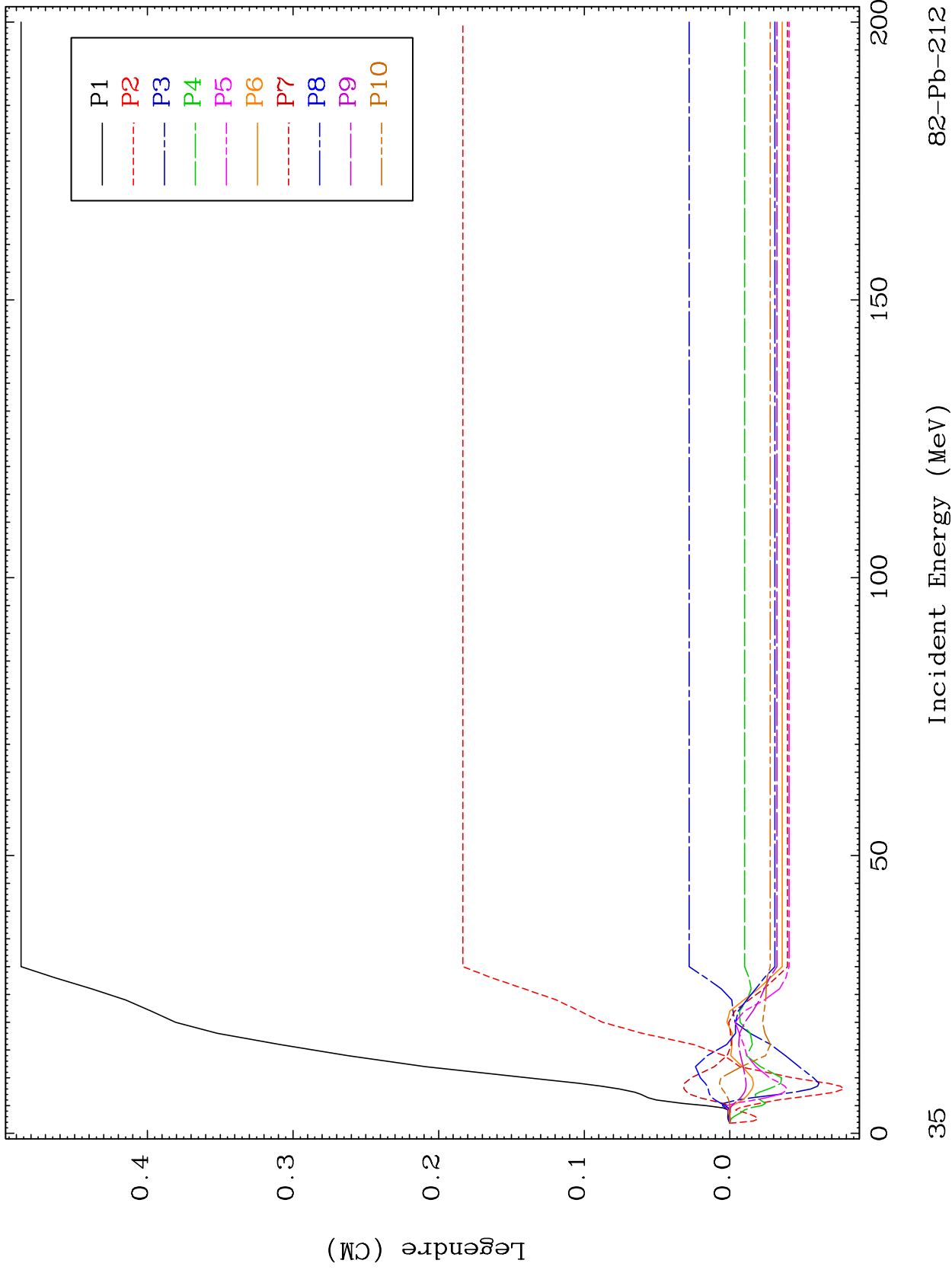
82-Pb-212



MAT 8249

1.820 MeV (n,n') Level
Legendre Coefficients

82-Pb-212



82-Pb-212

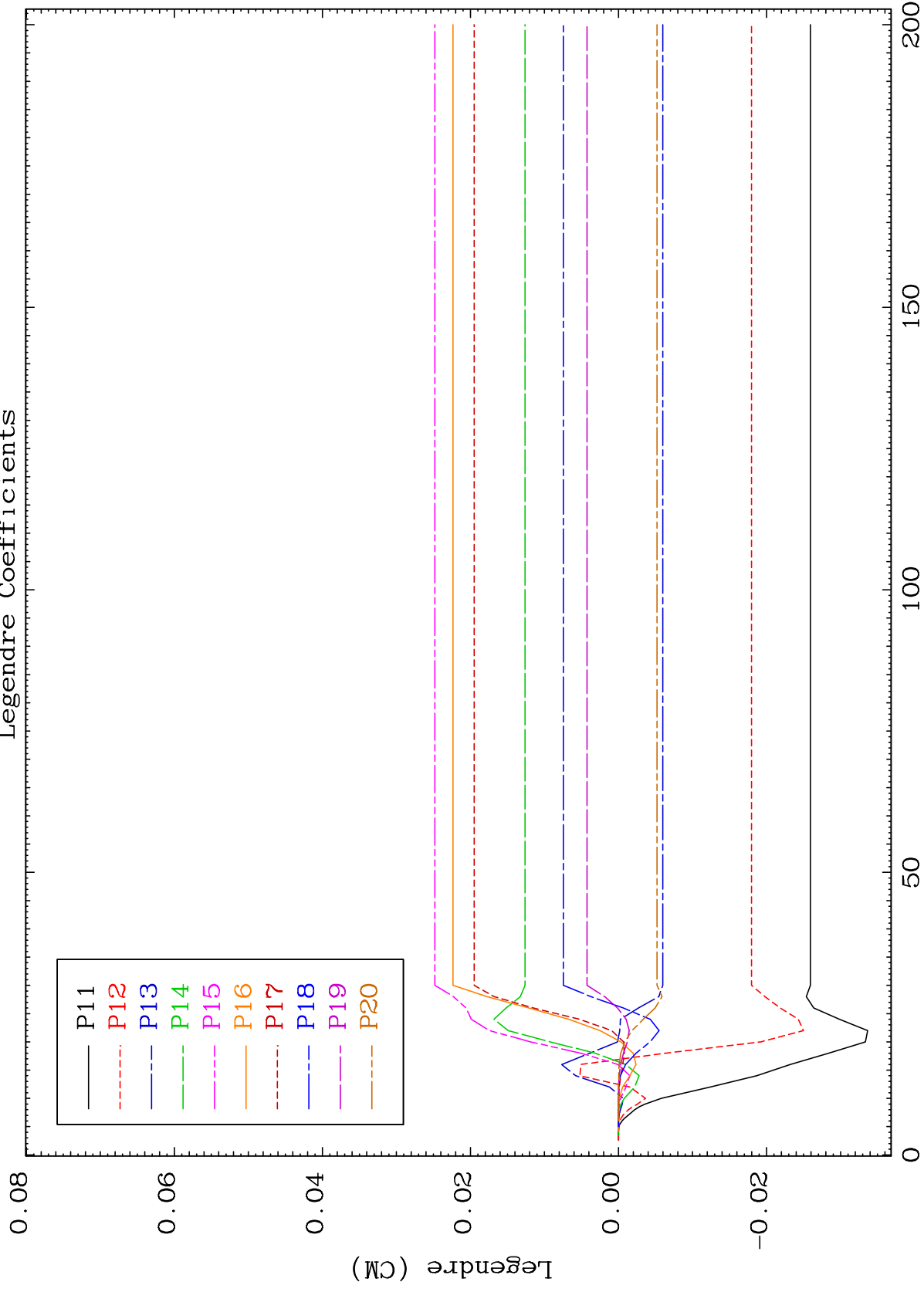
Incident Energy (MeV)

35

MAT 8249

1.820 MeV (n,n') Level
Legendre Coefficients

82-Pb-212



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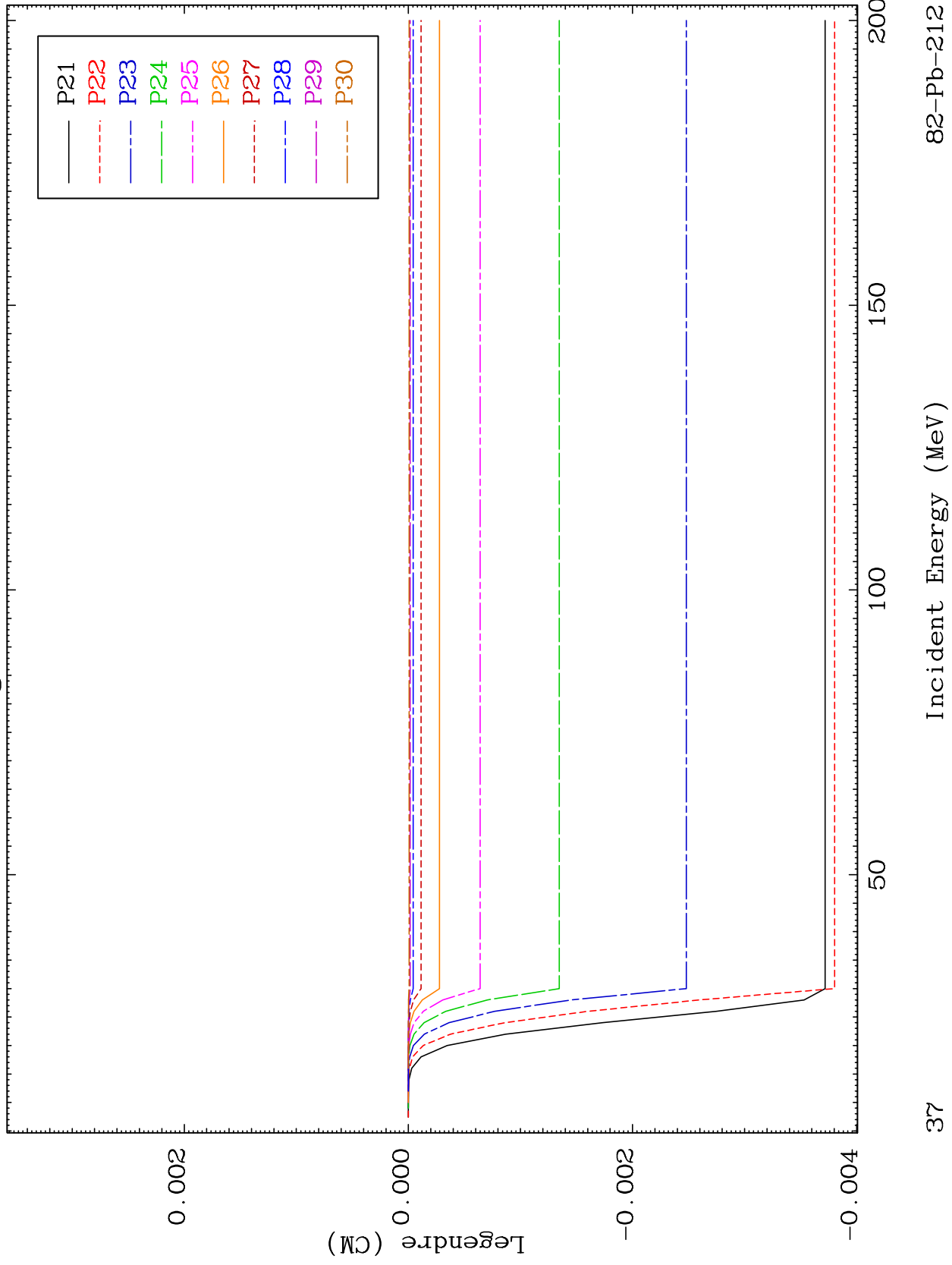
Incident Energy (MeV)

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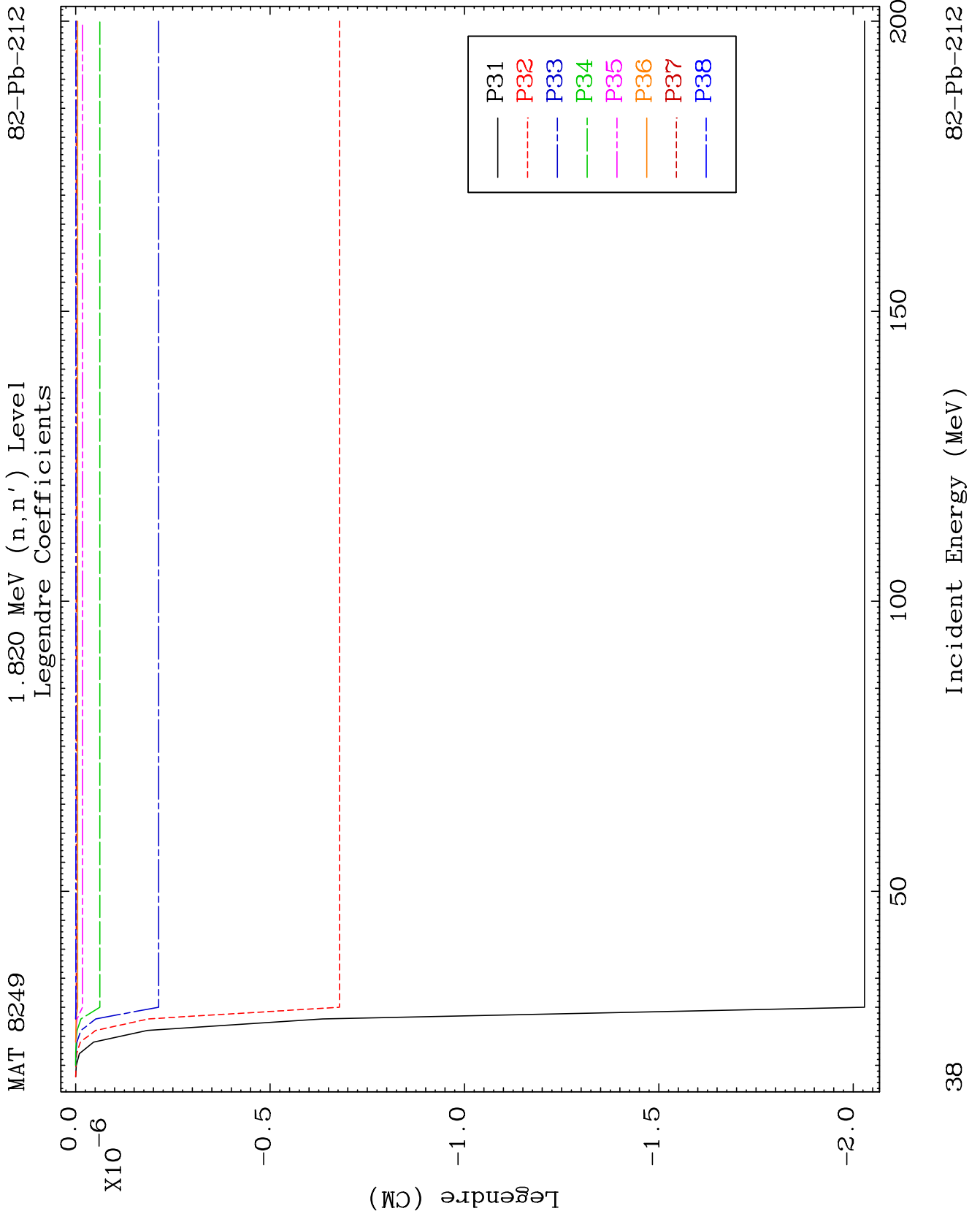
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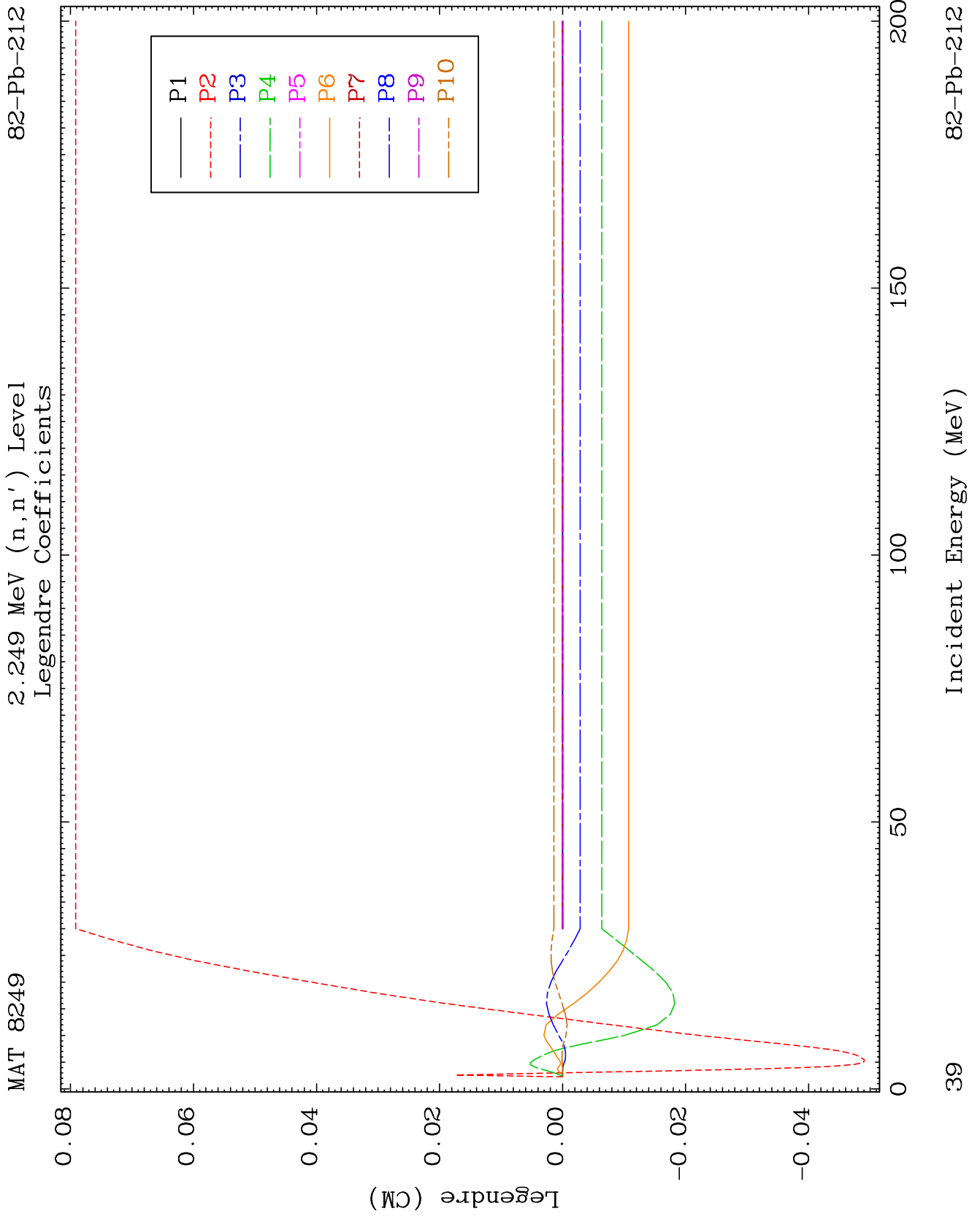
1.820 MeV (n,n') Level
Legendre Coefficients

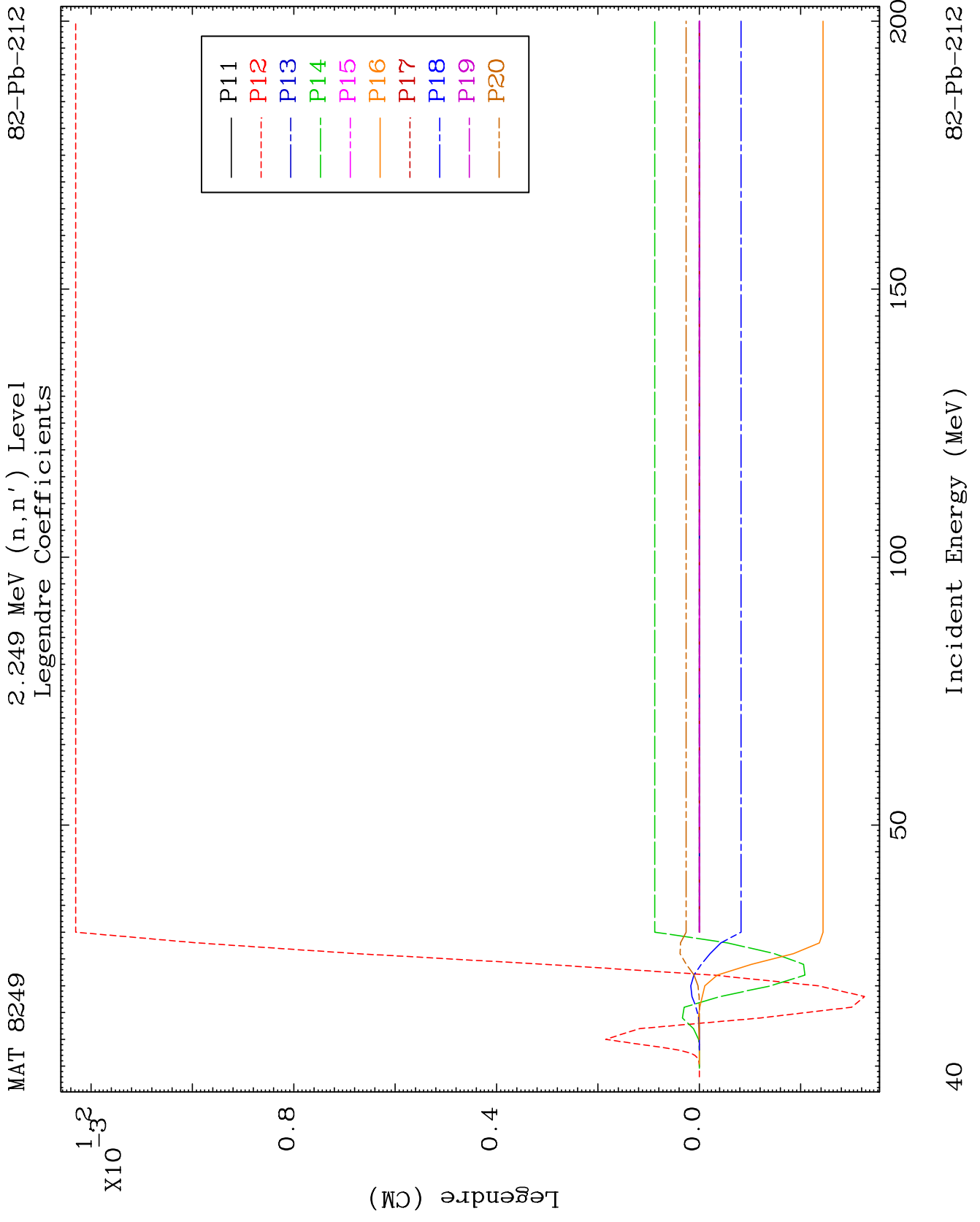
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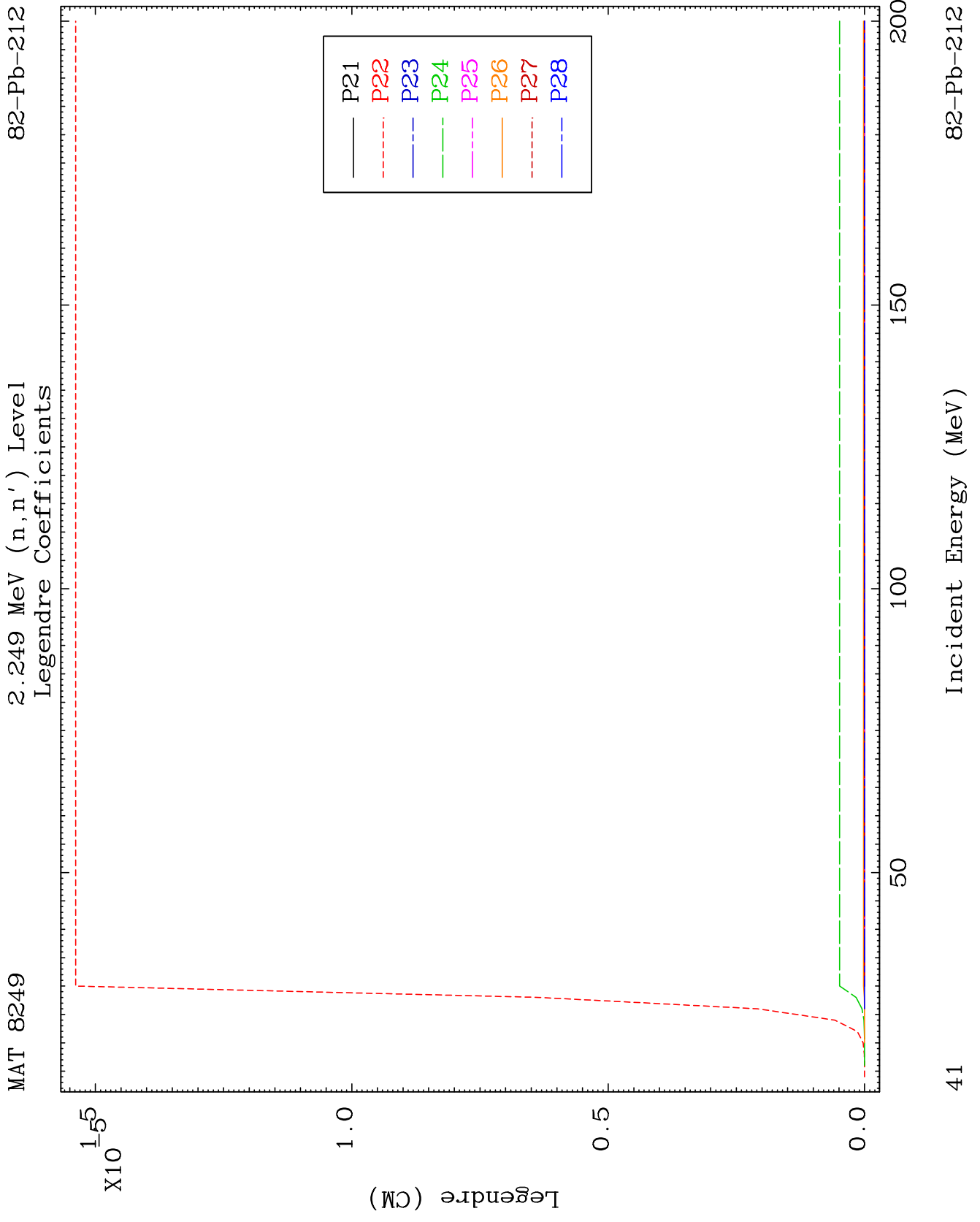


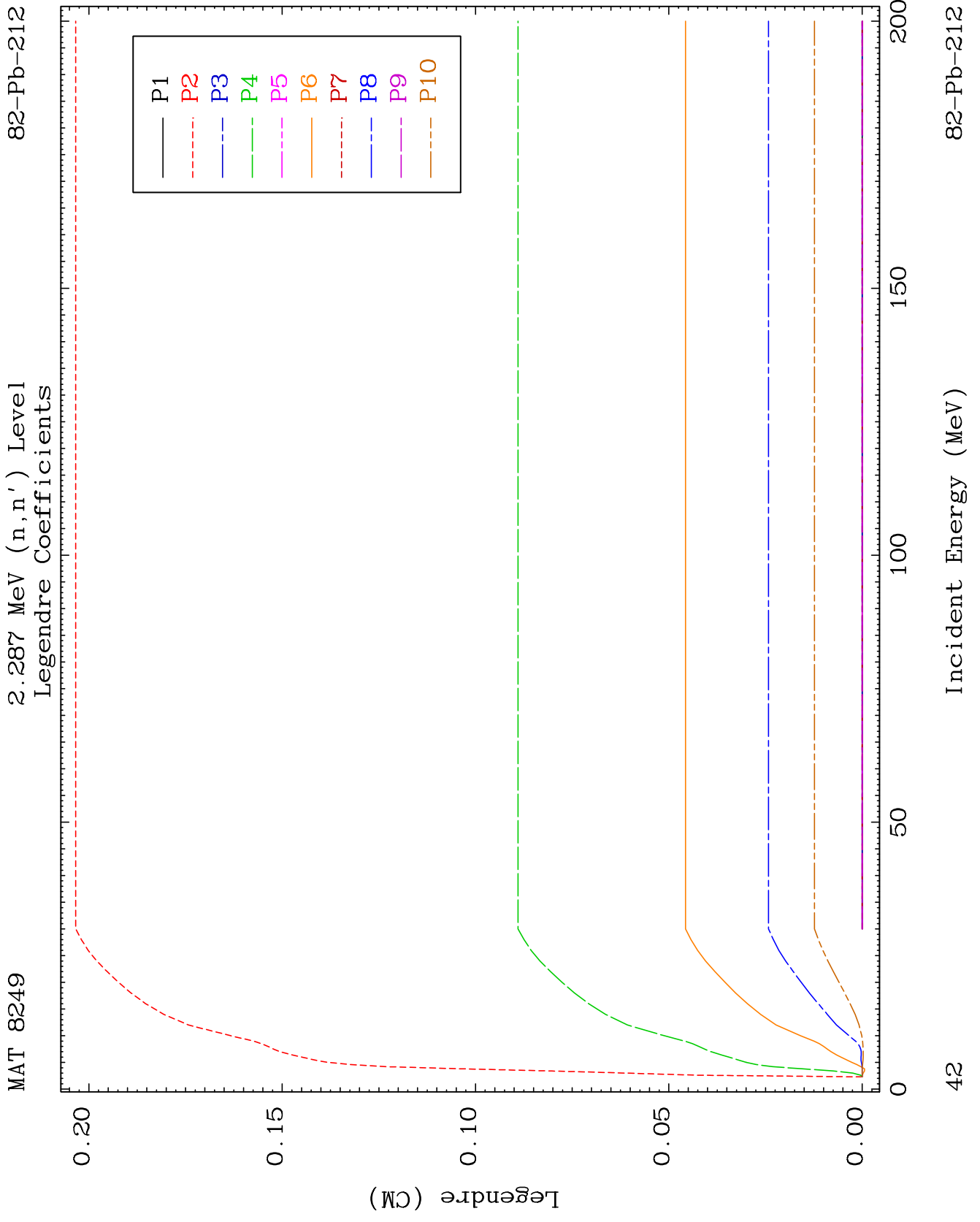
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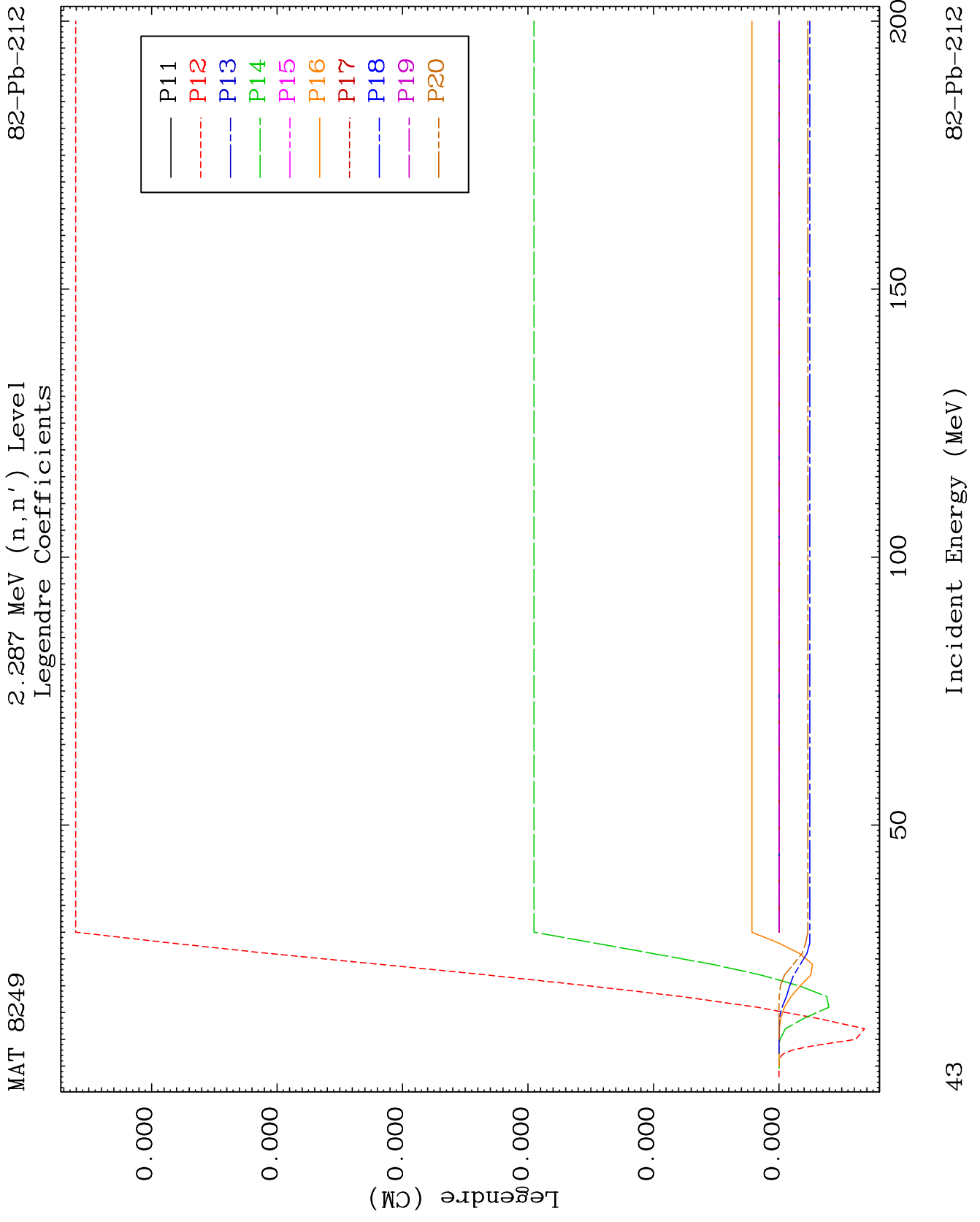


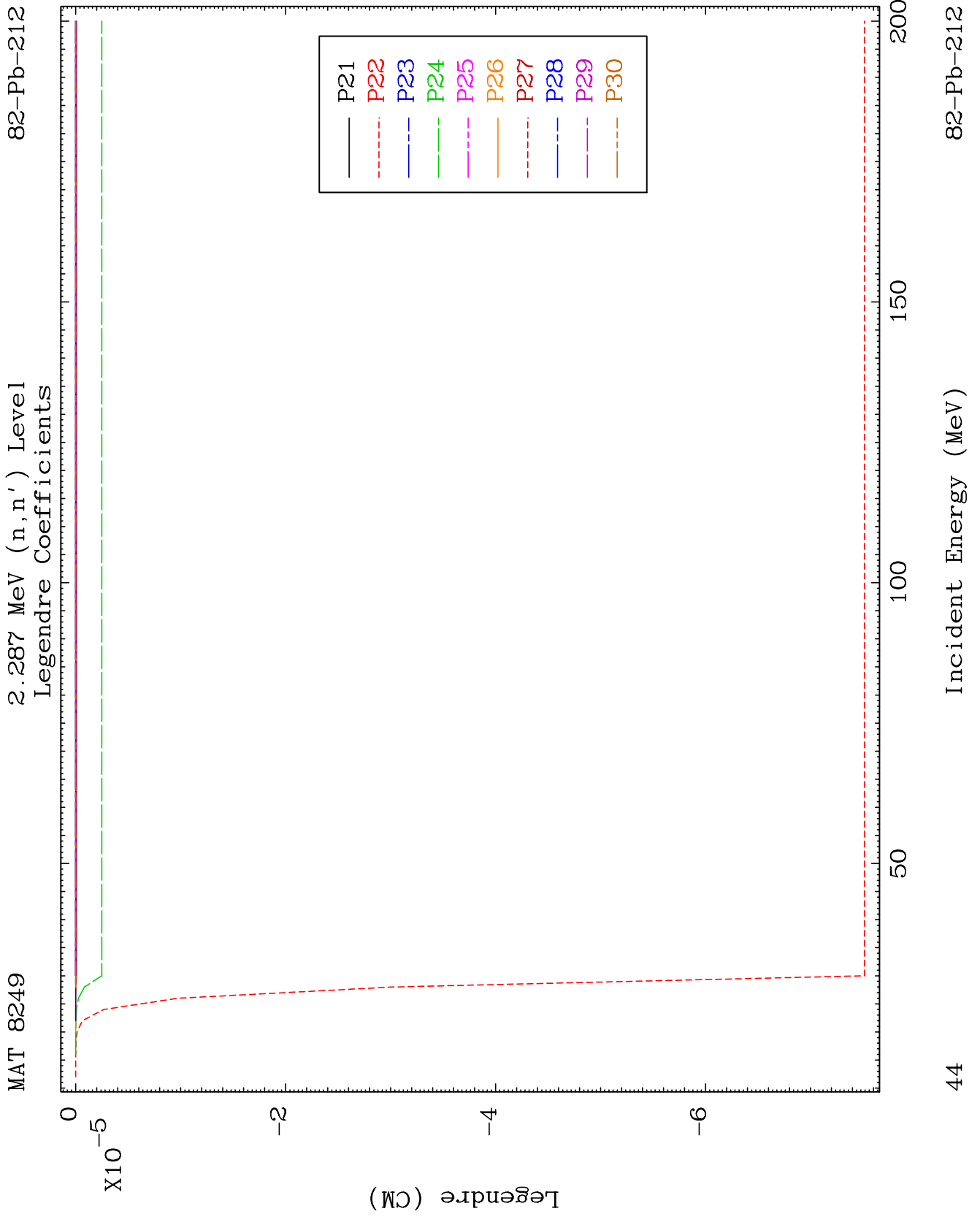








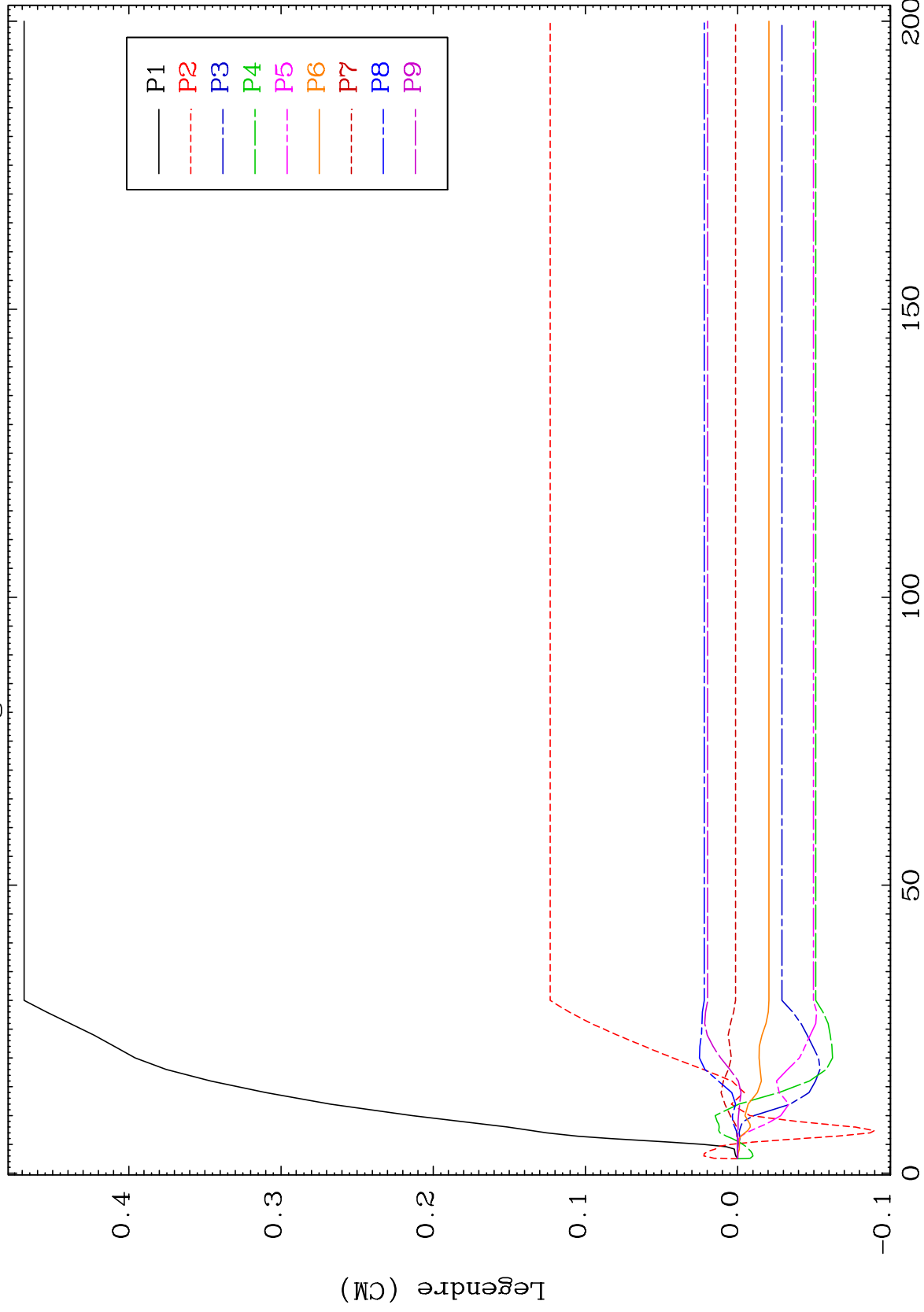




MAT 8249

2.488 MeV (n,n') Level
Legendre Coefficients

82-Pb-212



45

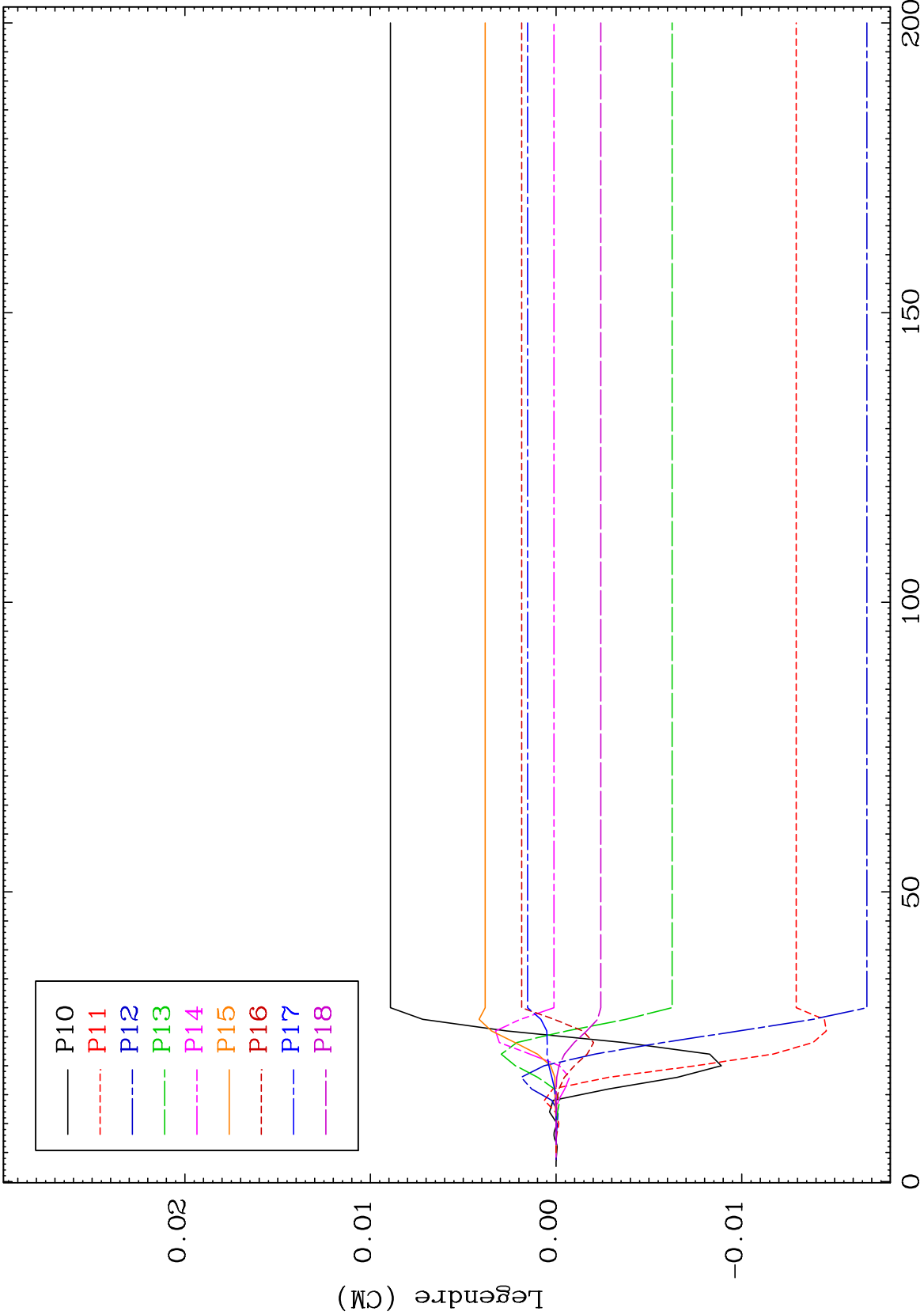
Incident Energy (MeV)

82-Pb-212

MAT 8249

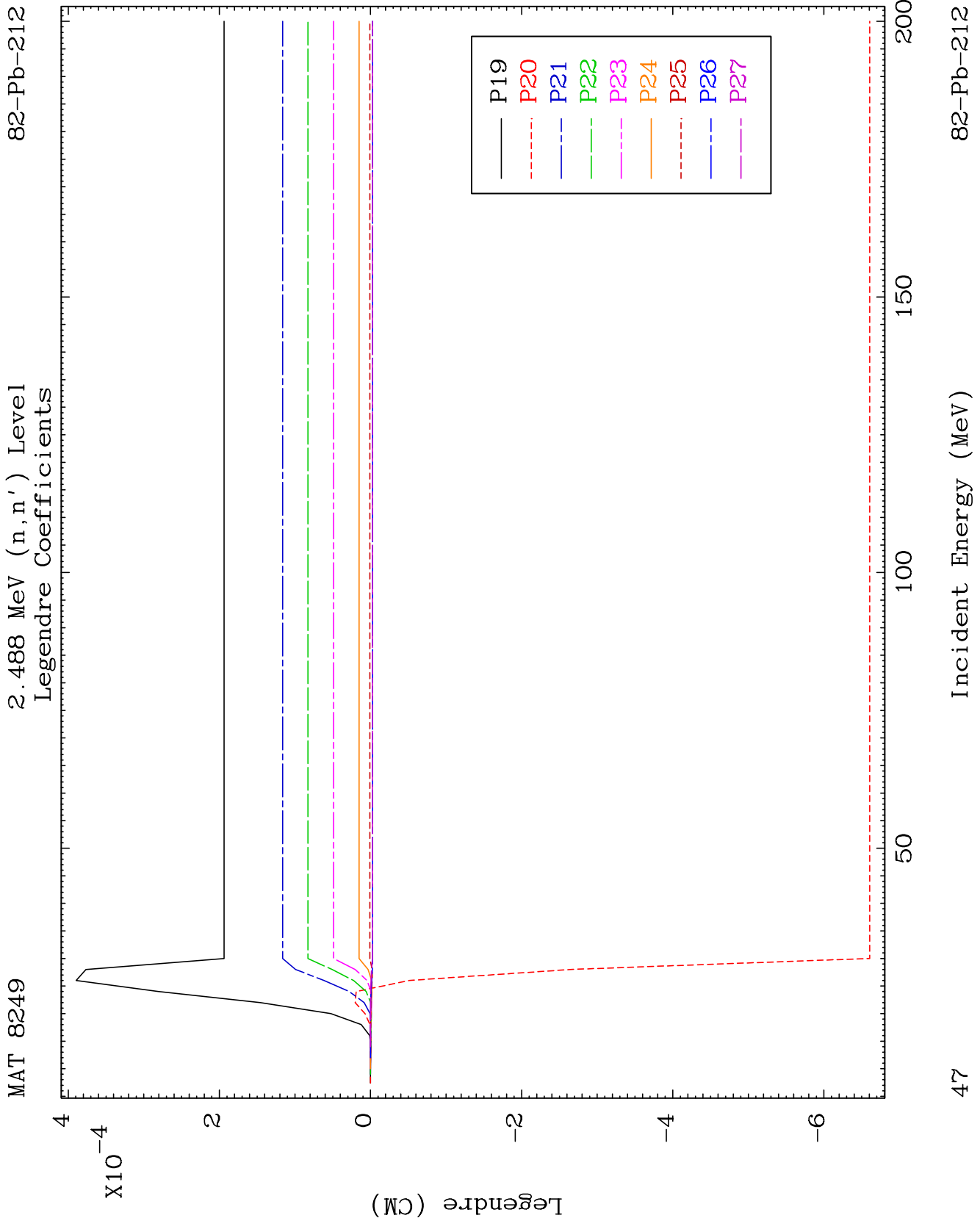
2.488 MeV (n,n') Level
Legendre Coefficients

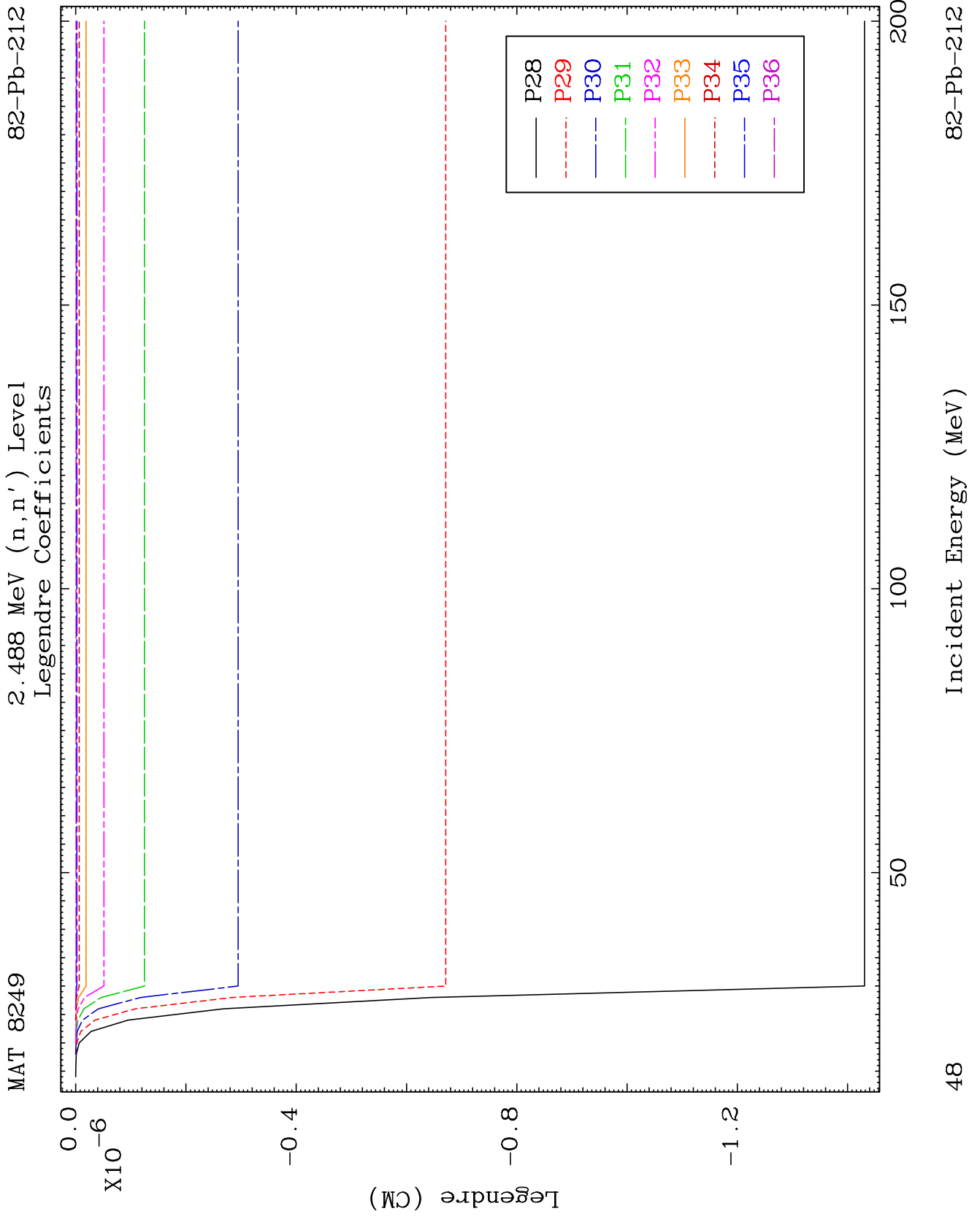
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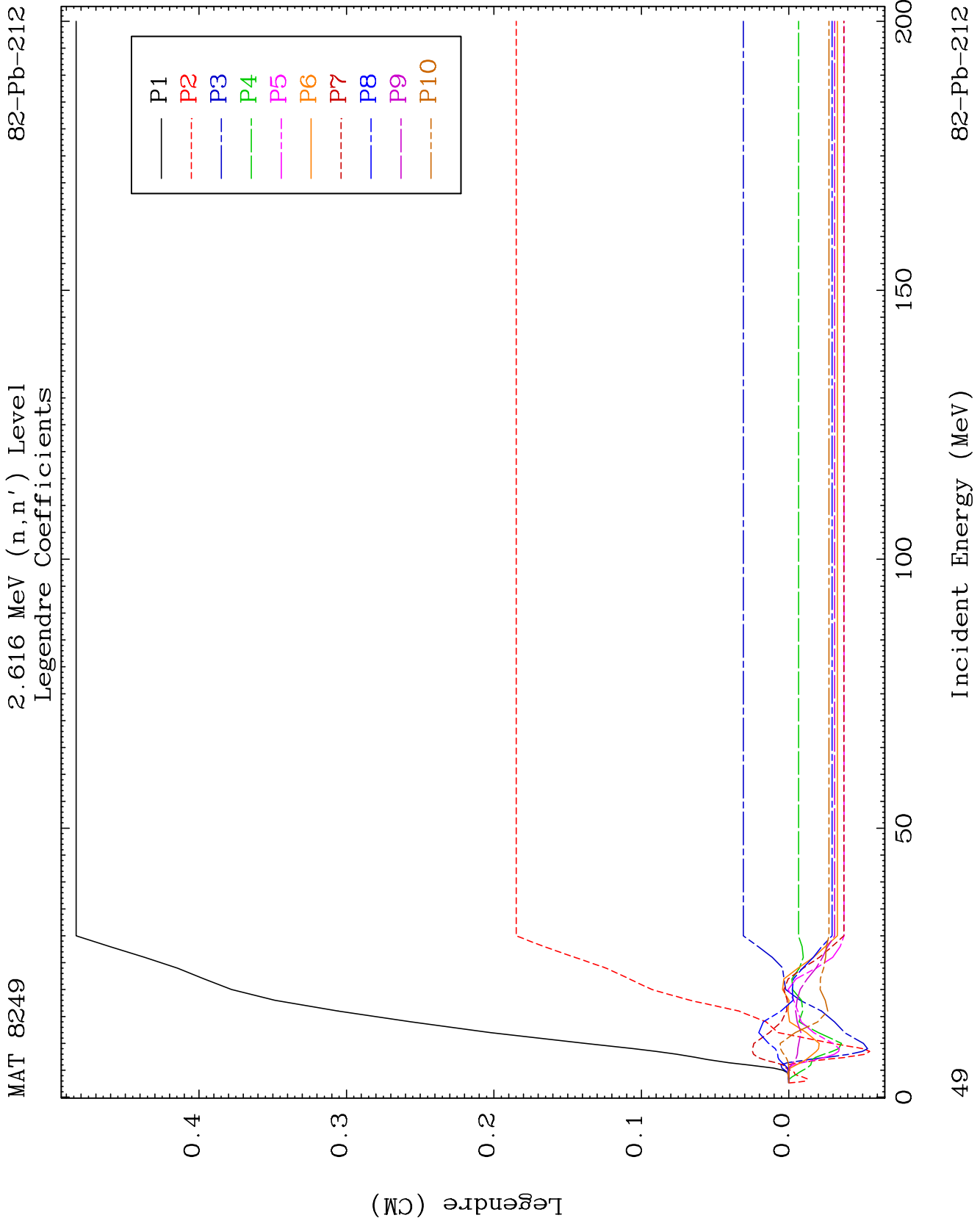


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82-Pb-212



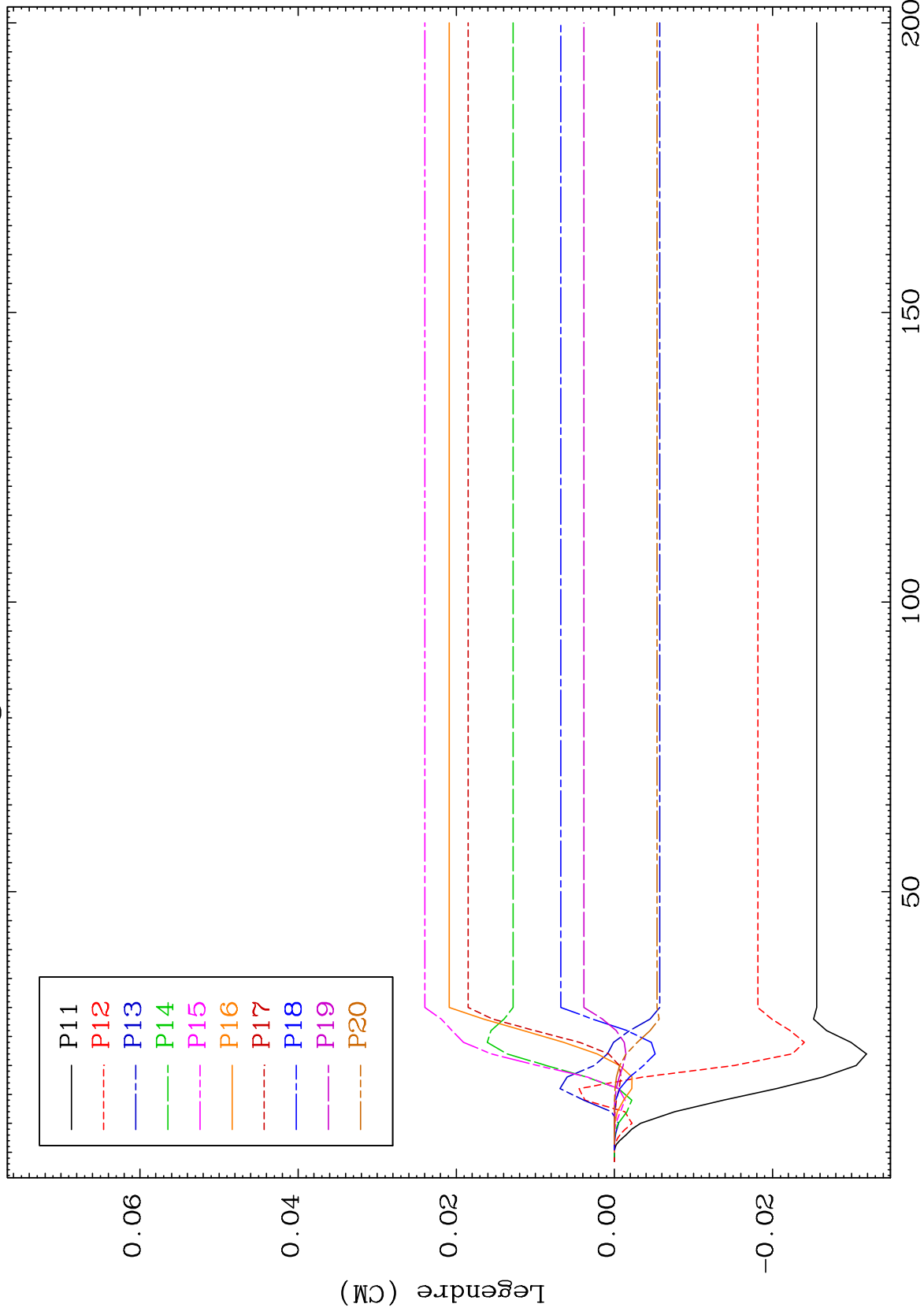




MAT 8249

2.616 MeV (n,n') Level
Legendre Coefficients

82-Pb-212



50

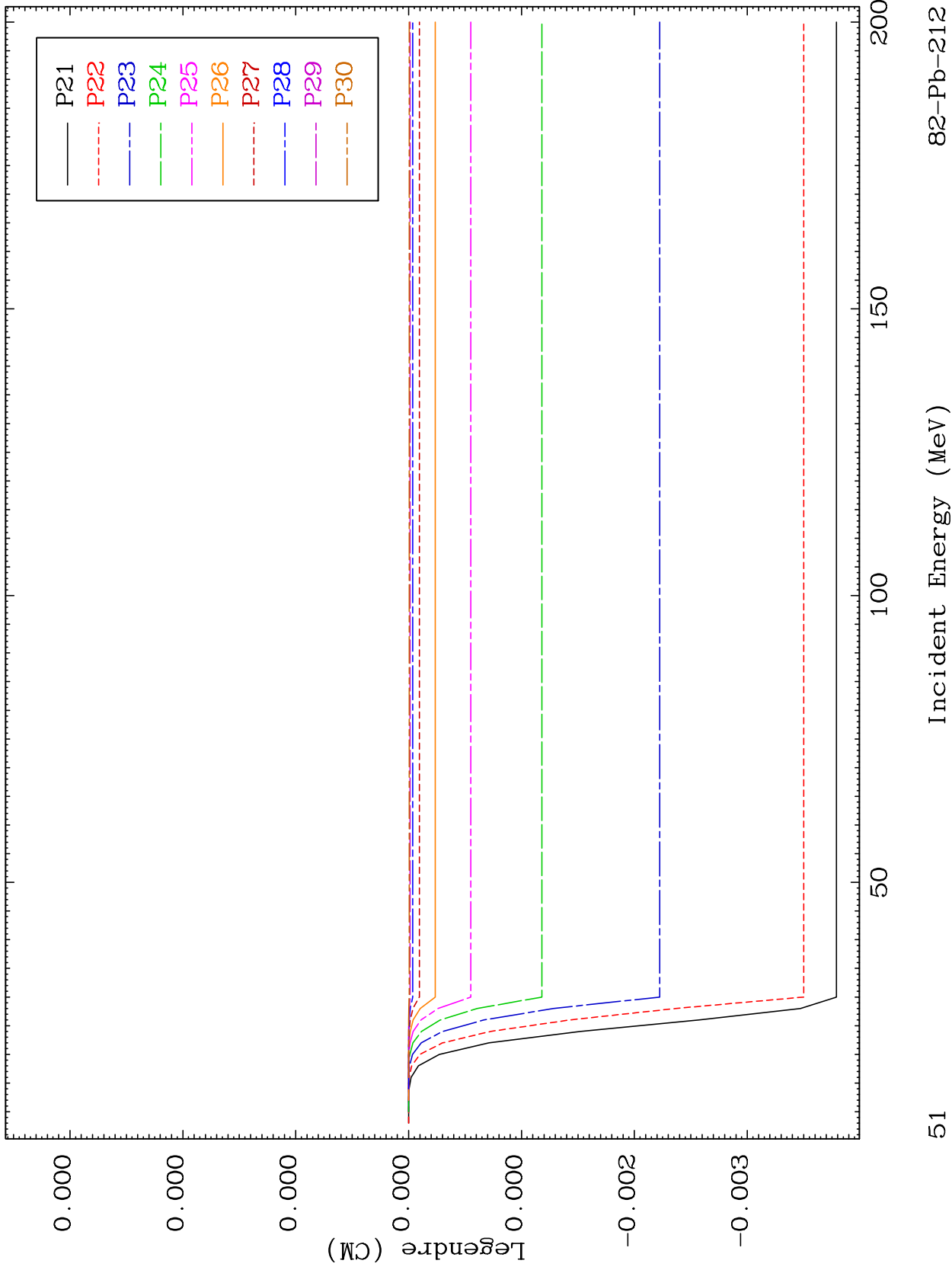
Incident Energy (MeV)

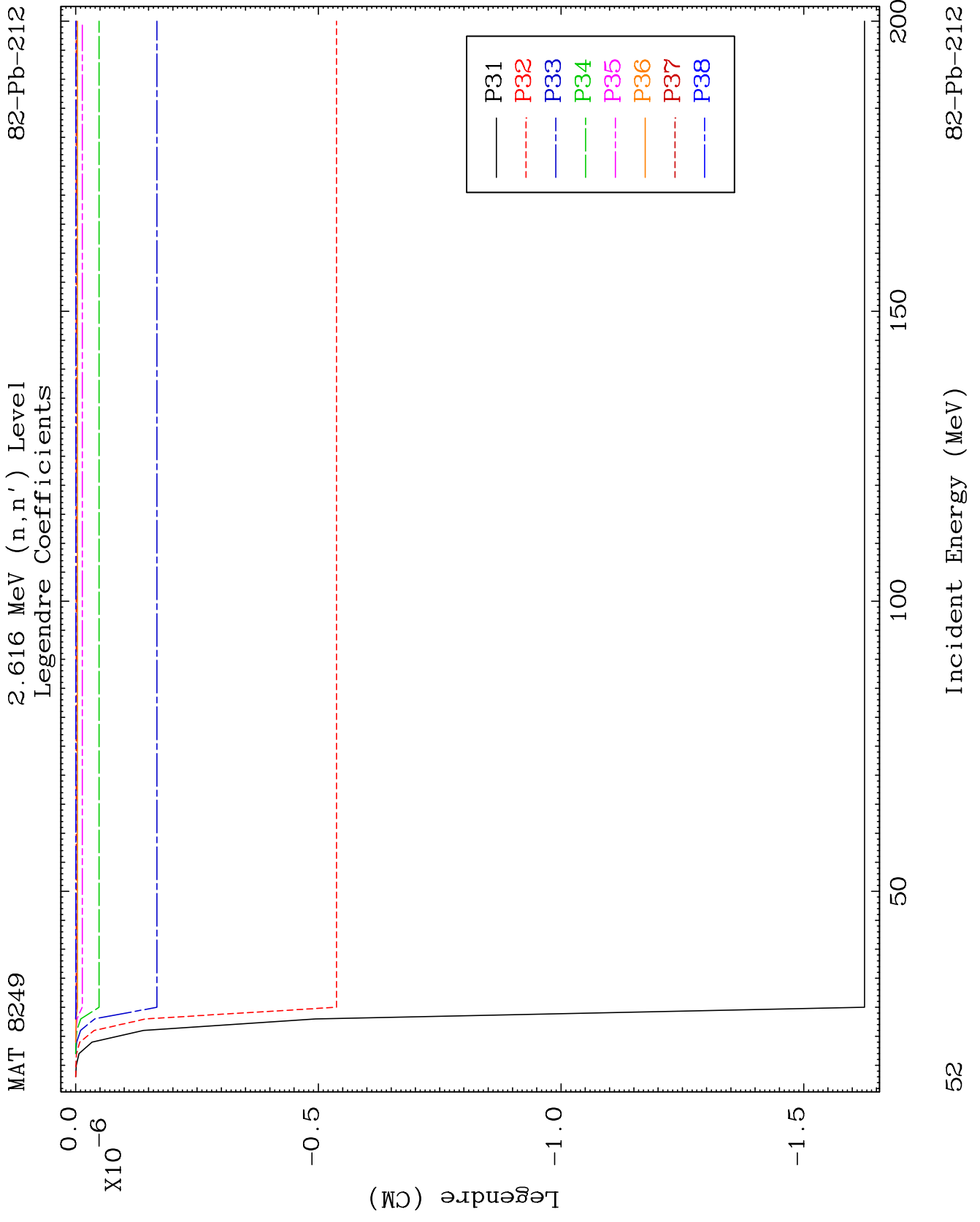
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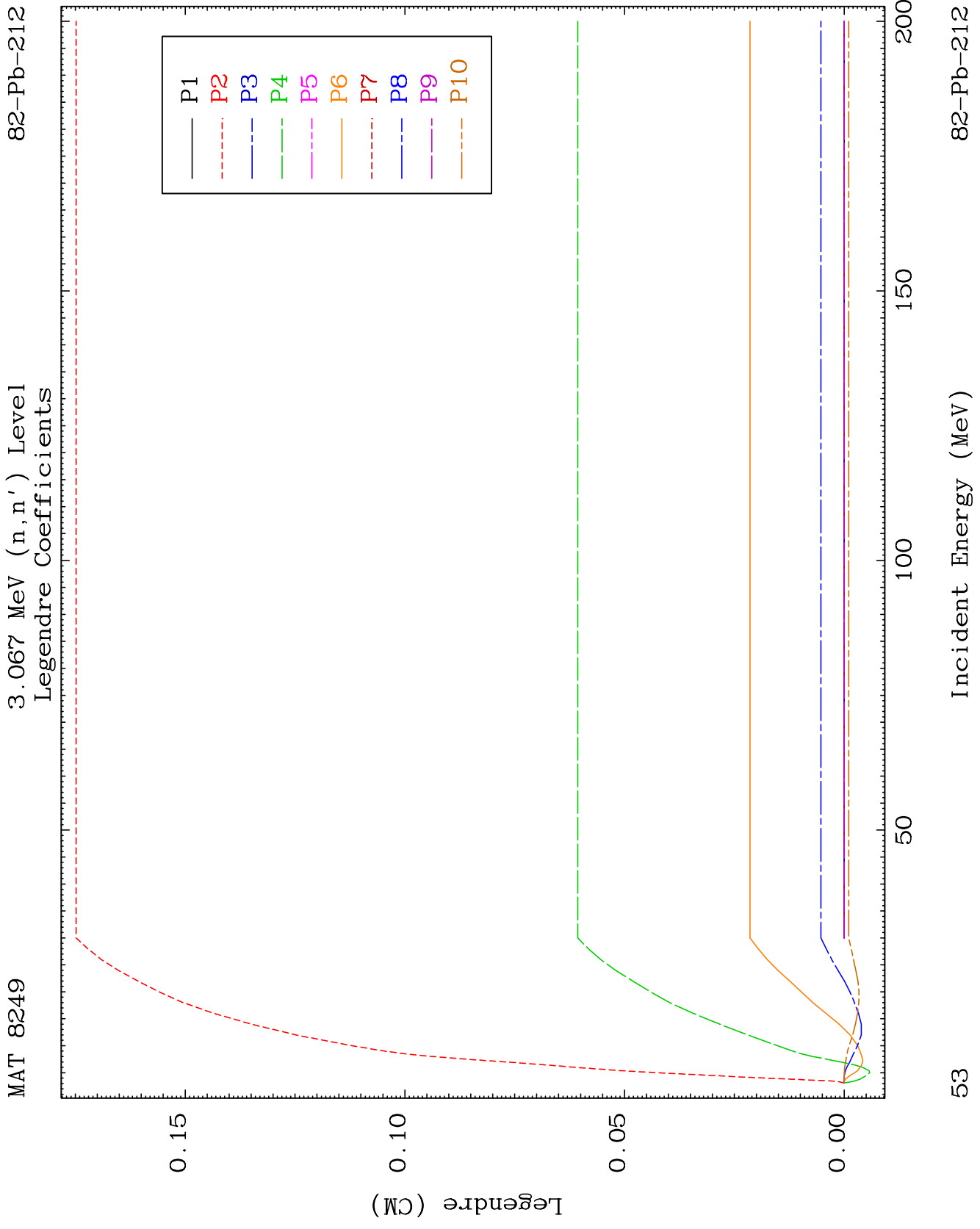
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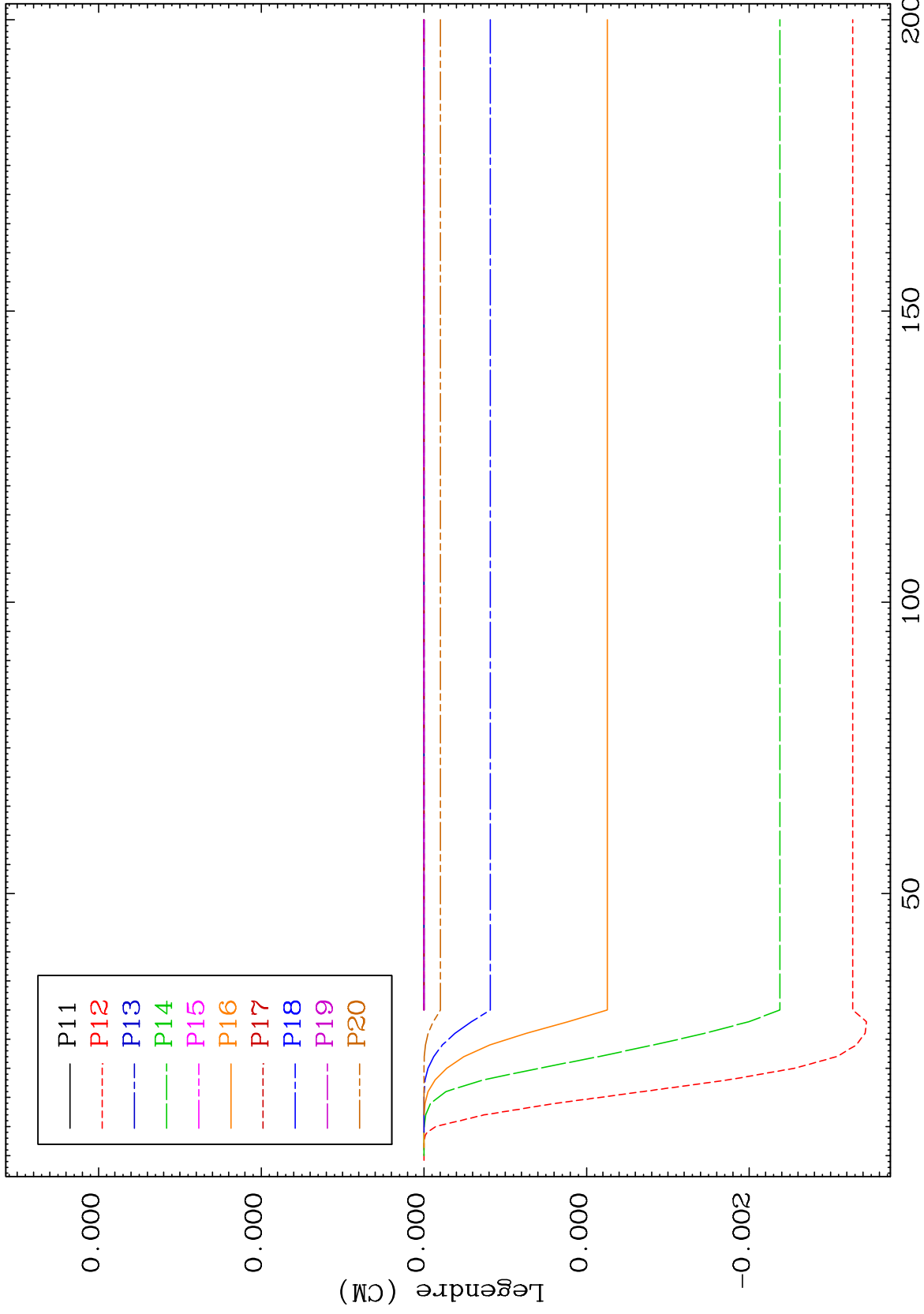
2.616 MeV (n,n') Level
Legendre Coefficients

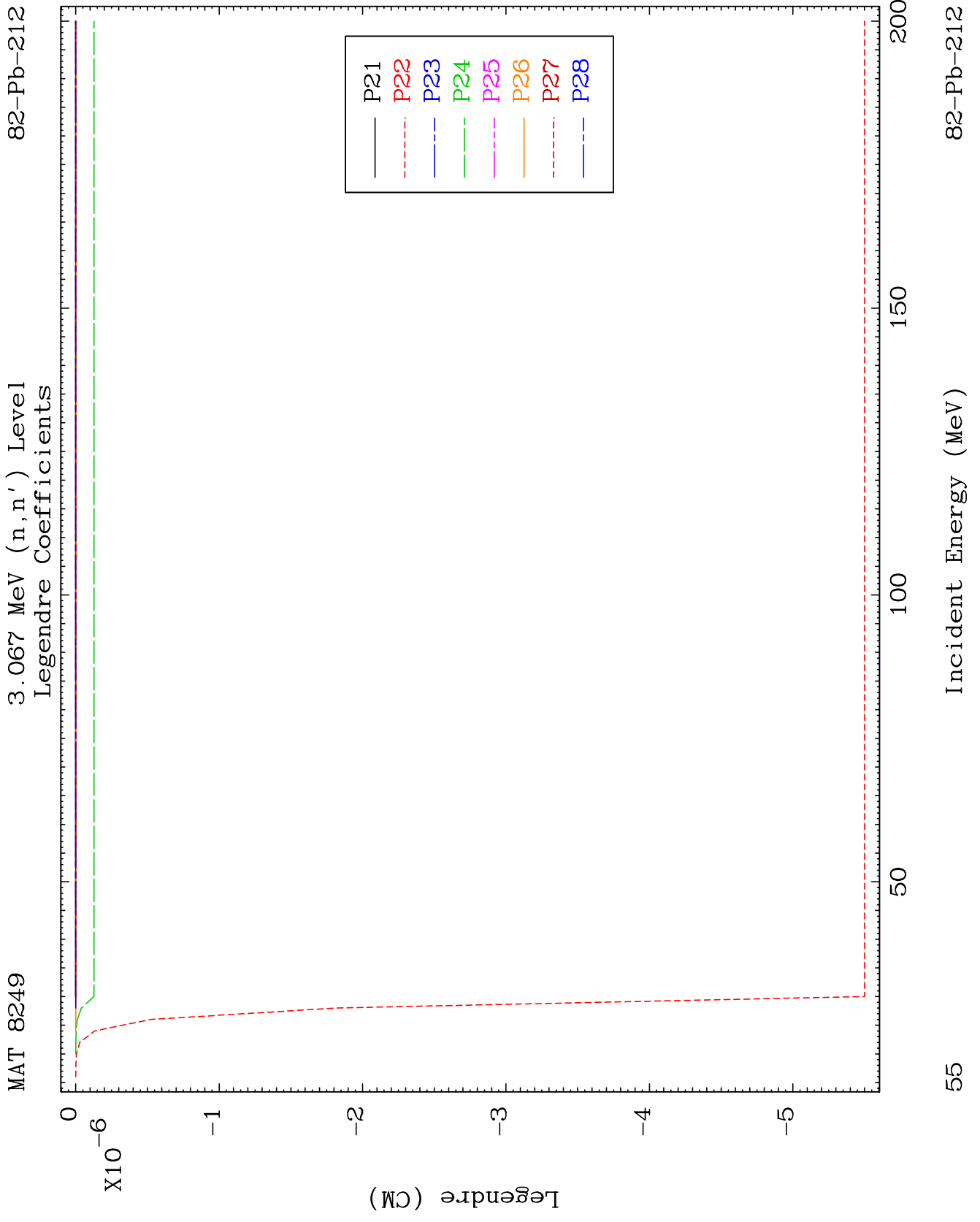
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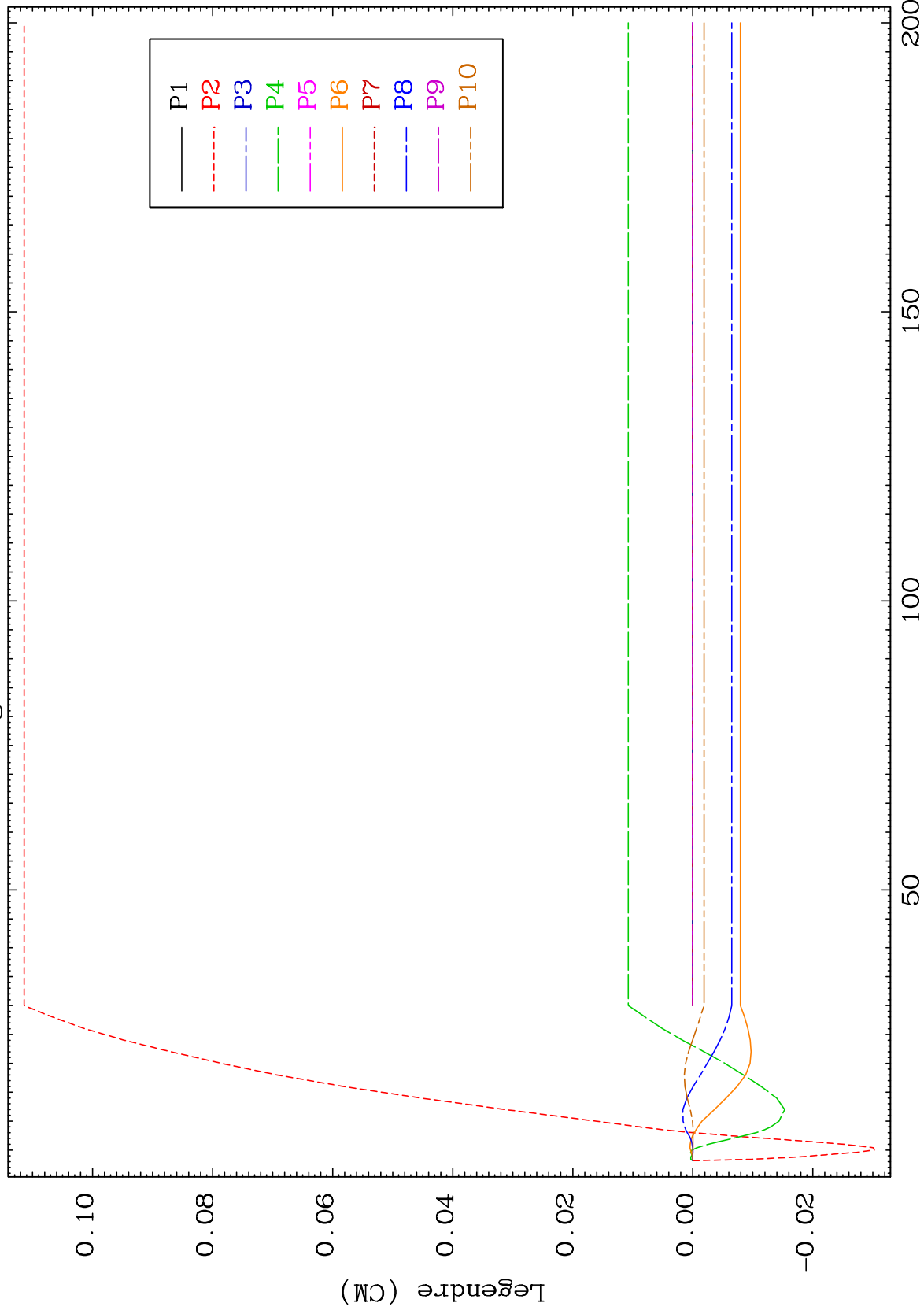




MAT 8249

3.140 MeV (n,n') Level
Legendre Coefficients

82-Pb-212



56

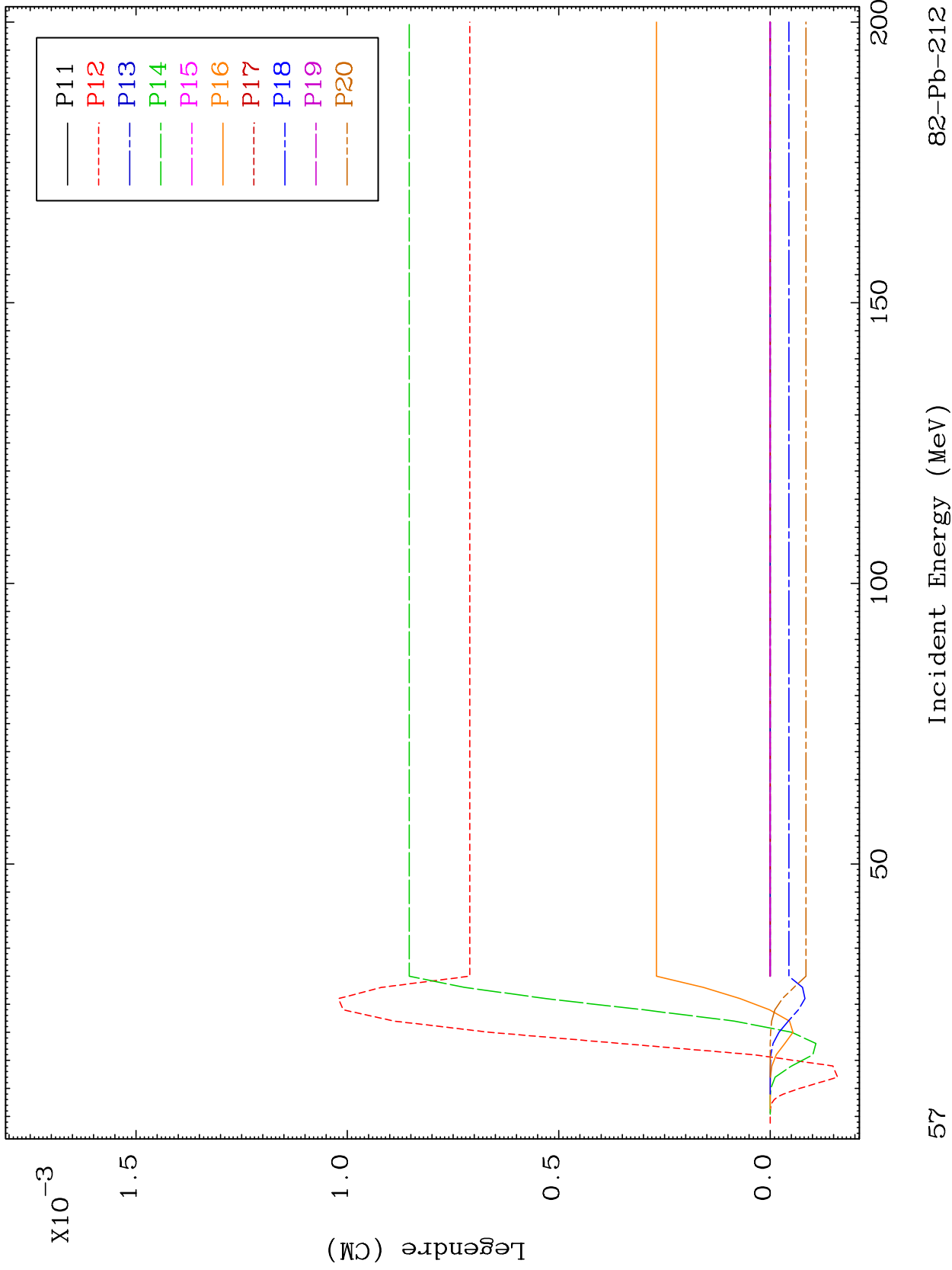
Incident Energy (MeV)

82-Pb-212

MAT 8249

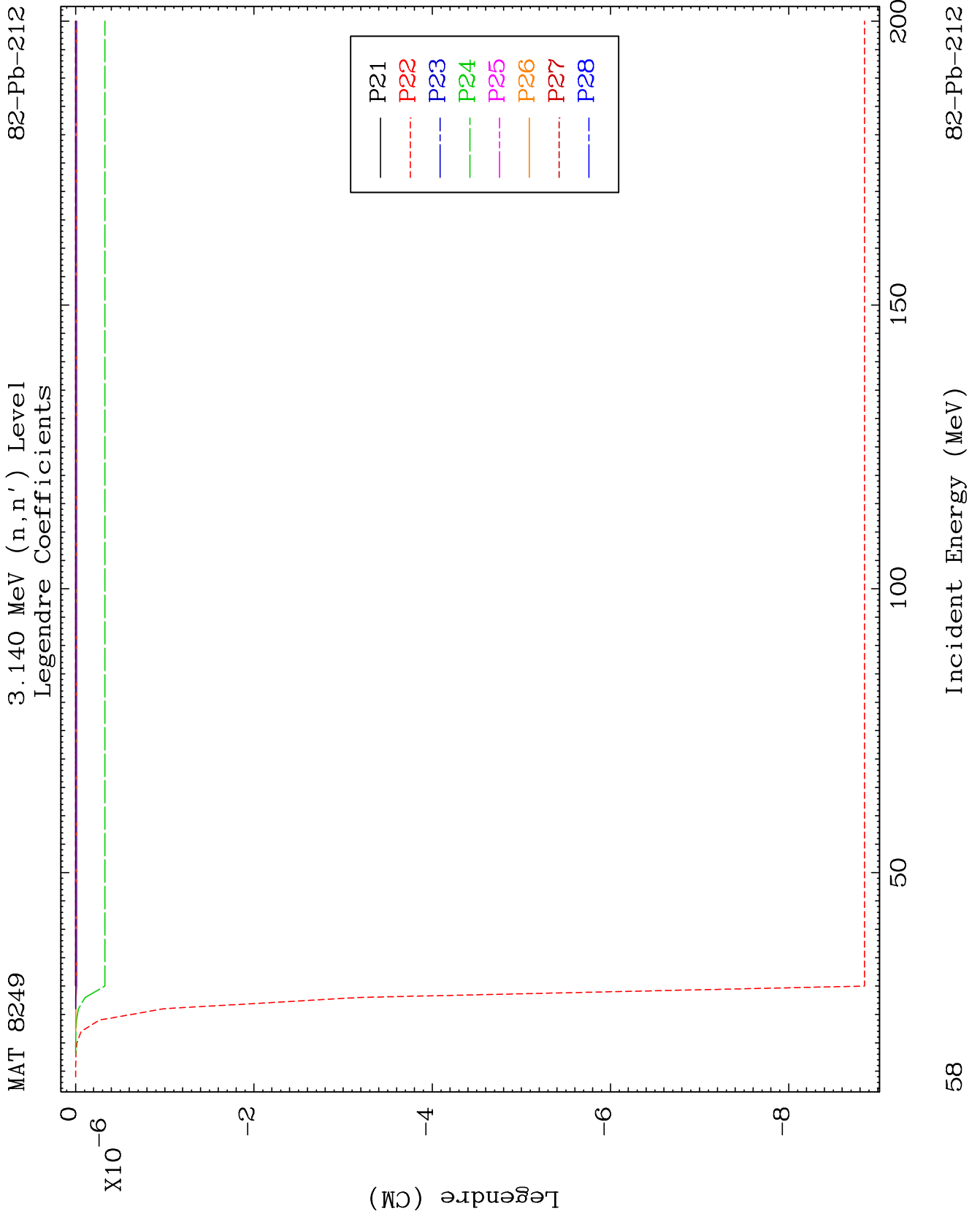
3.140 MeV (n,n') Level
Legendre Coefficients

82-Pb-212



57

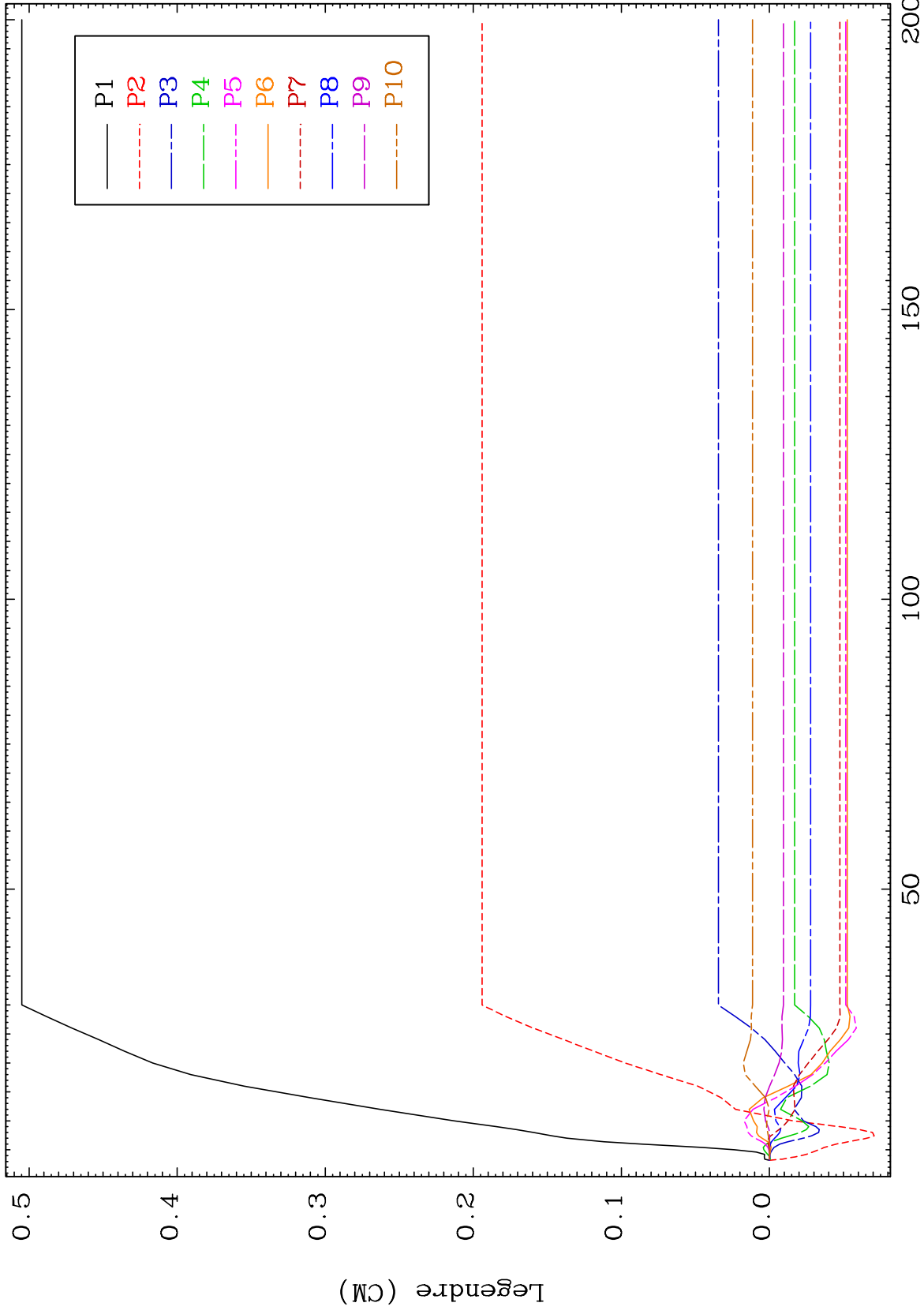
82-Pb-212



MAT 8249

3.174 MeV (n,n') Level
Legendre Coefficients

82-Pb-212



59

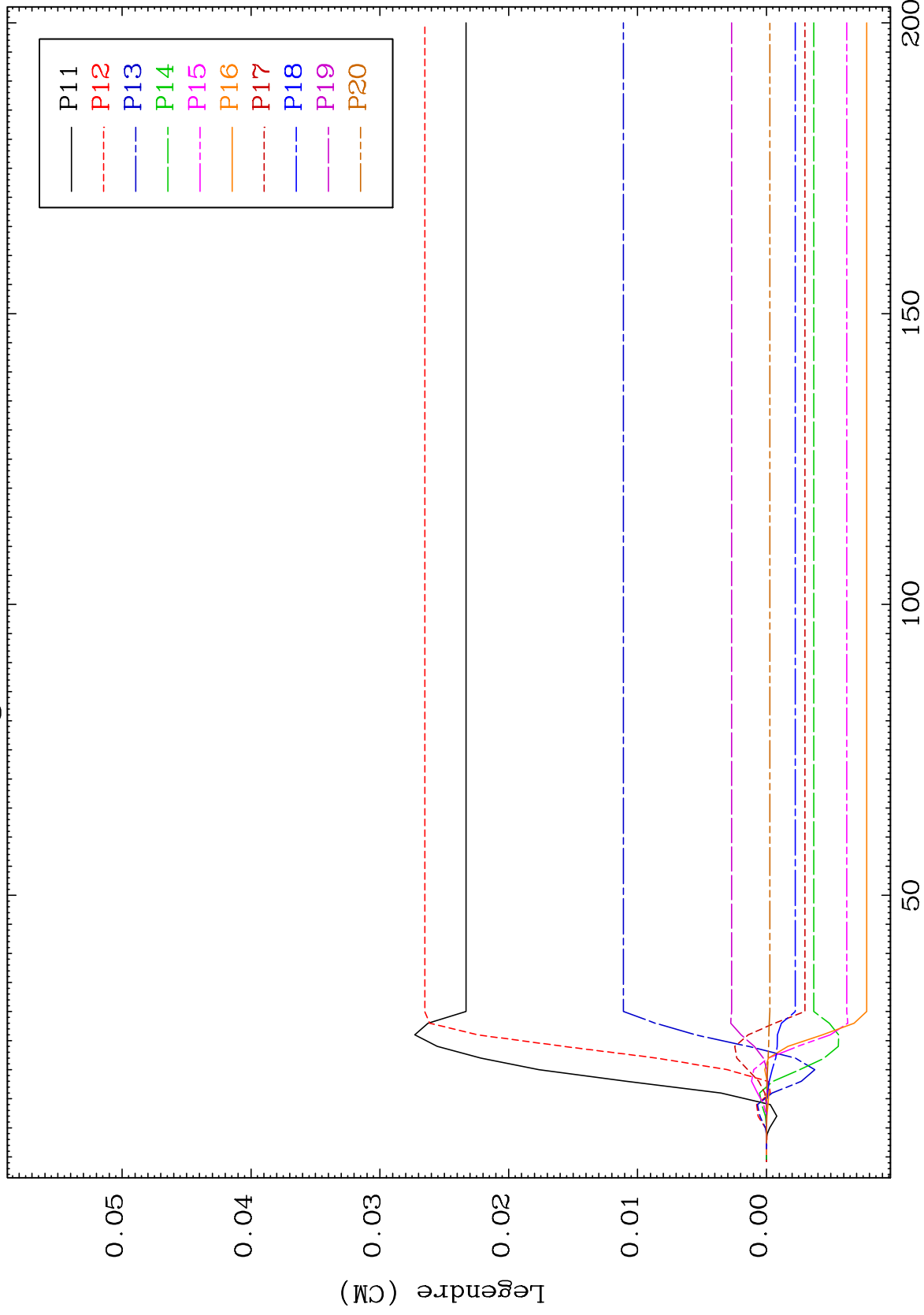
Incident Energy (MeV)

82-Pb-212

MAT 8249

3.174 MeV (n,n') Level
Legendre Coefficients

82-Pb-212



60

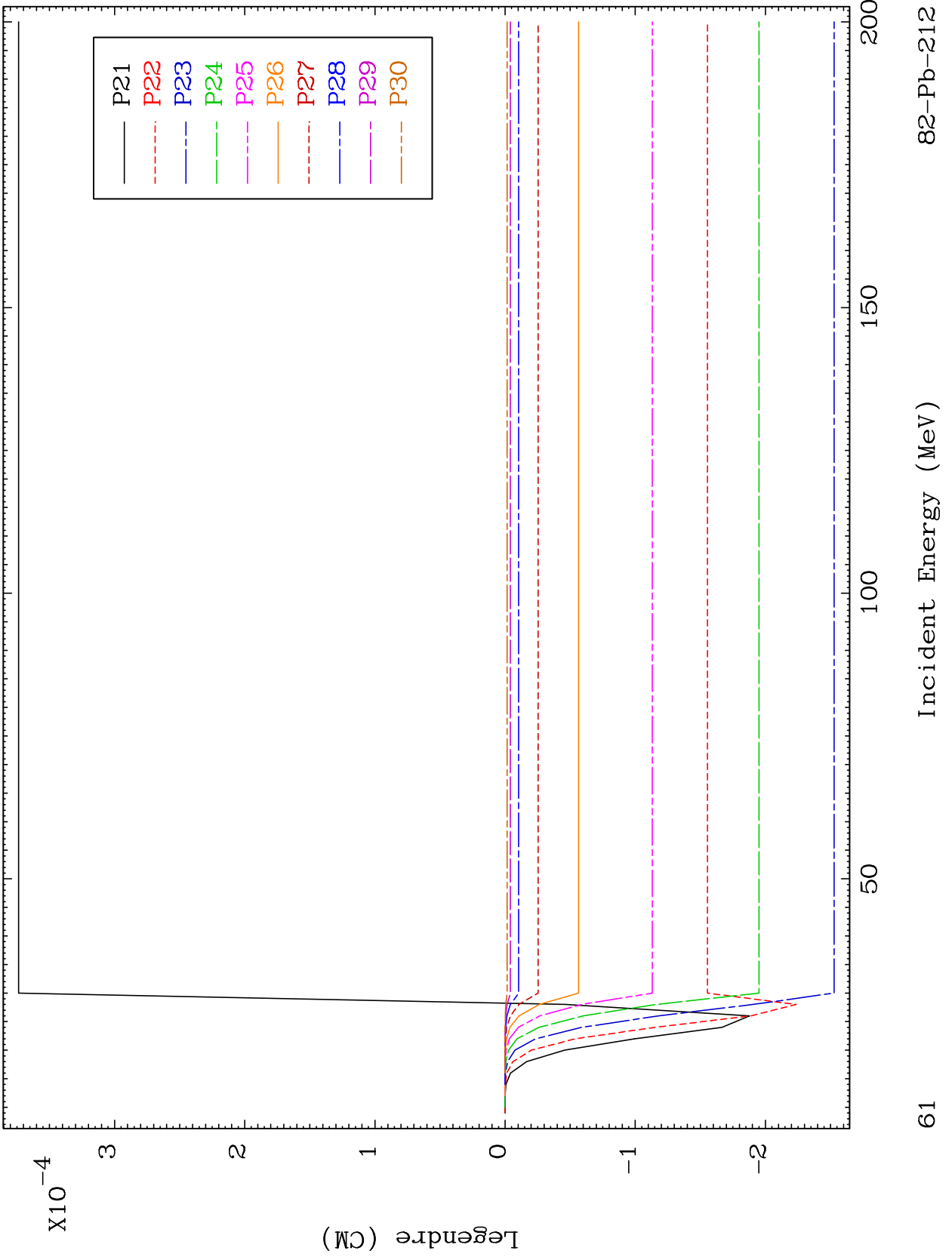
Incident Energy (MeV)

82-Pb-212

MAT 8249

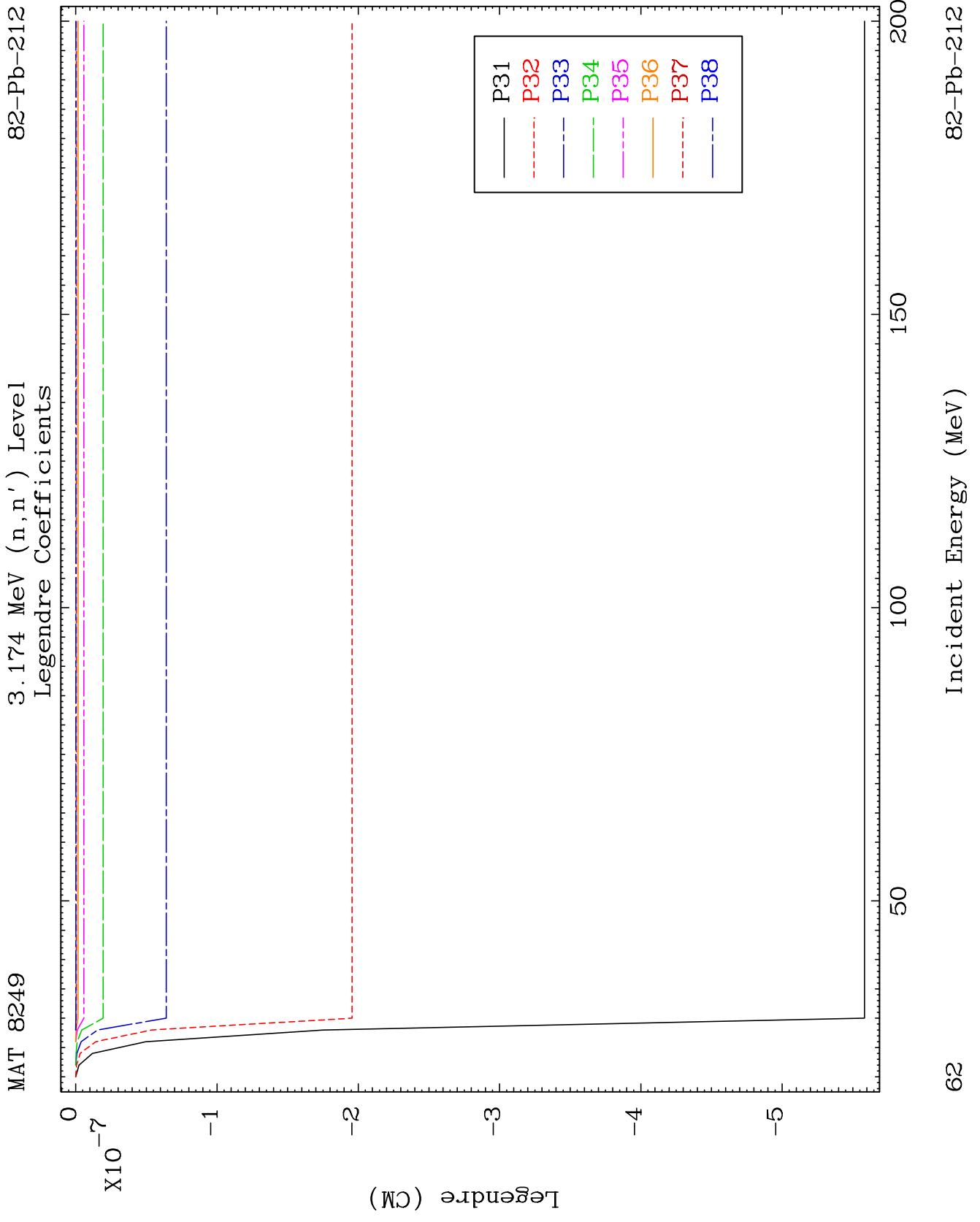
3.174 MeV (n,n') Level
Legendre Coefficients

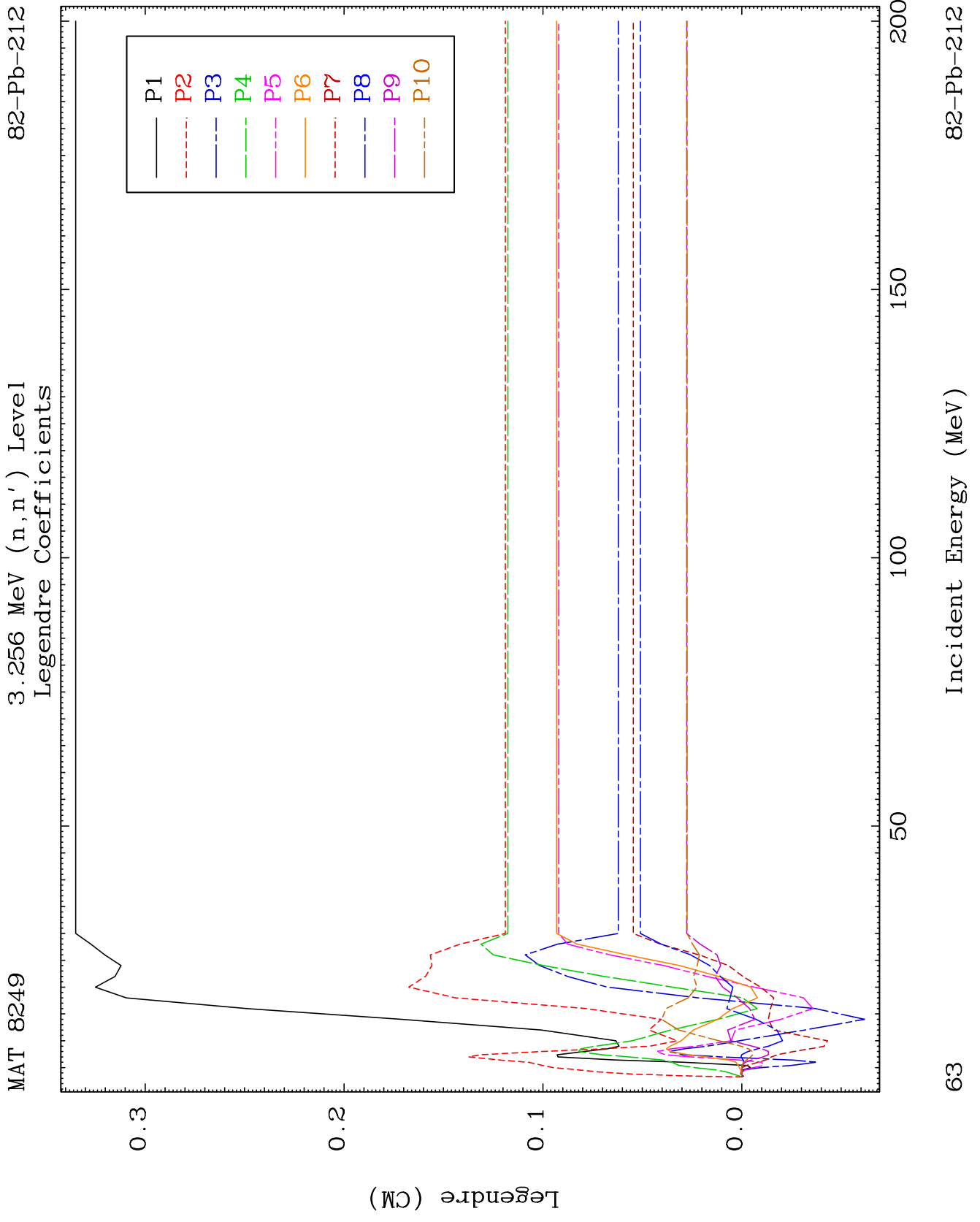
82-Pb-212



82-Pb-212

Incident Energy (MeV)

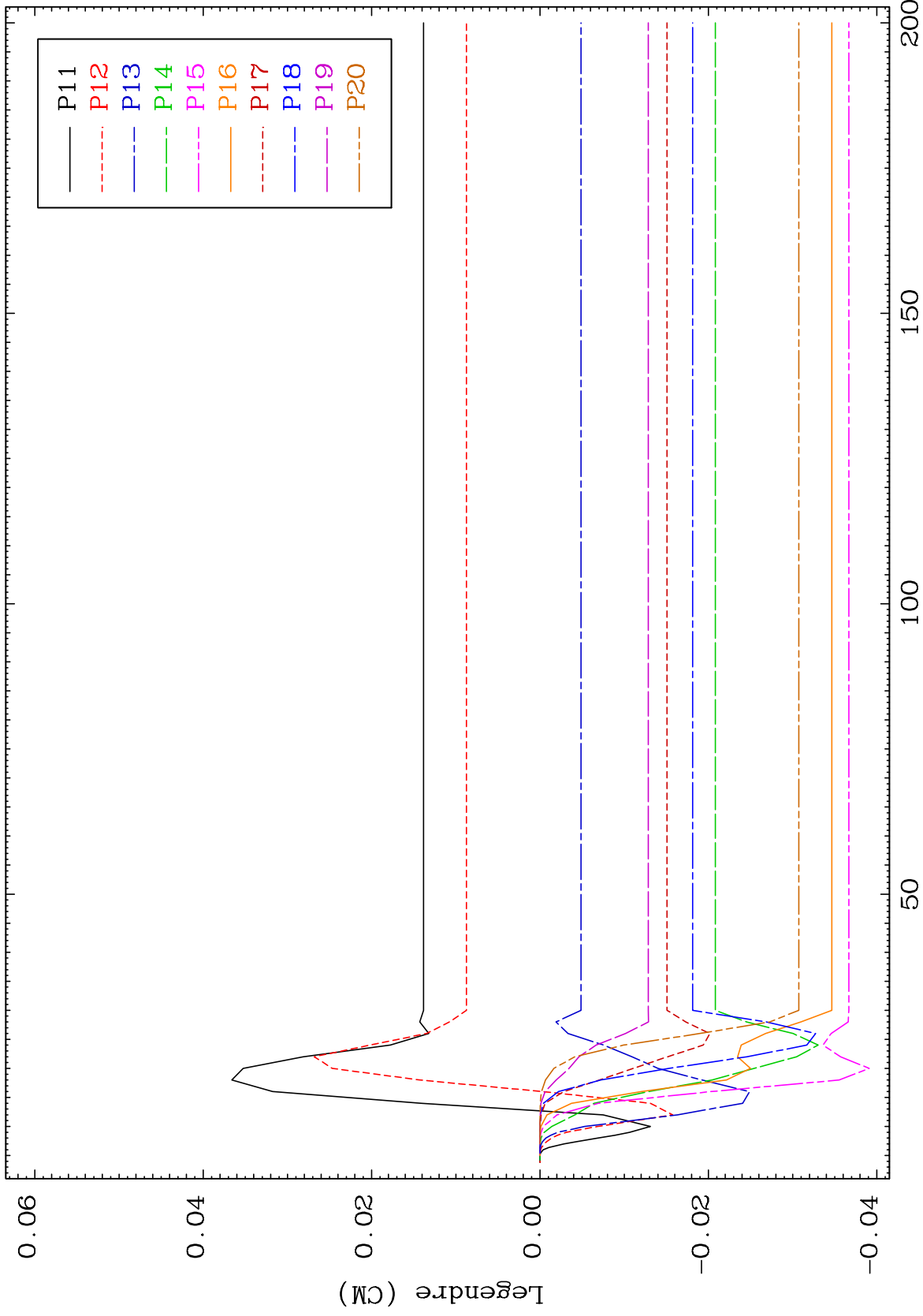




MAT 8249

3.256 MeV (n,n') Level
Legendre Coefficients

82-Pb-212



64

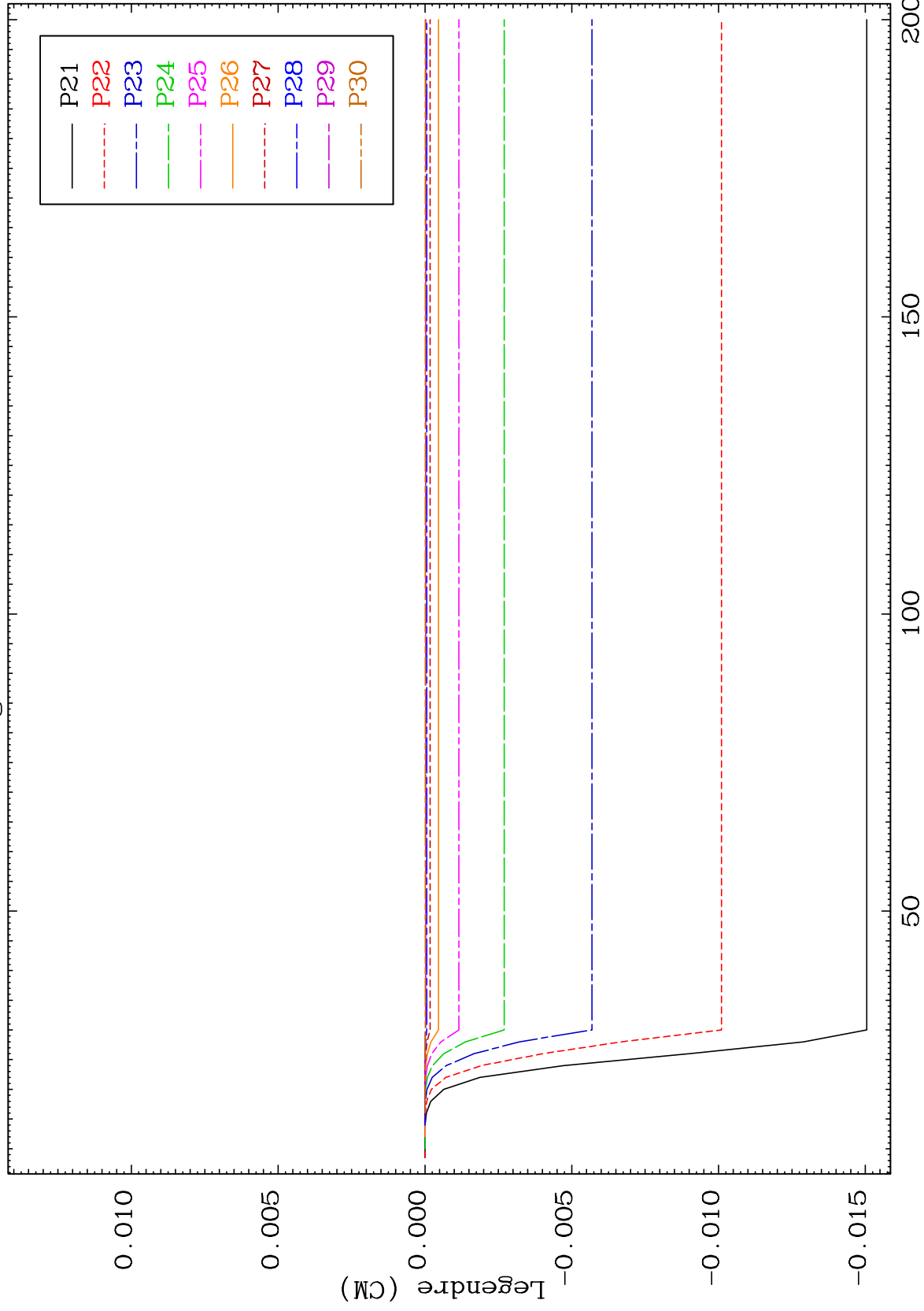
Incident Energy (MeV)

82-Pb-212

MAT 8249

3.256 MeV (n,n') Level
Legendre Coefficients

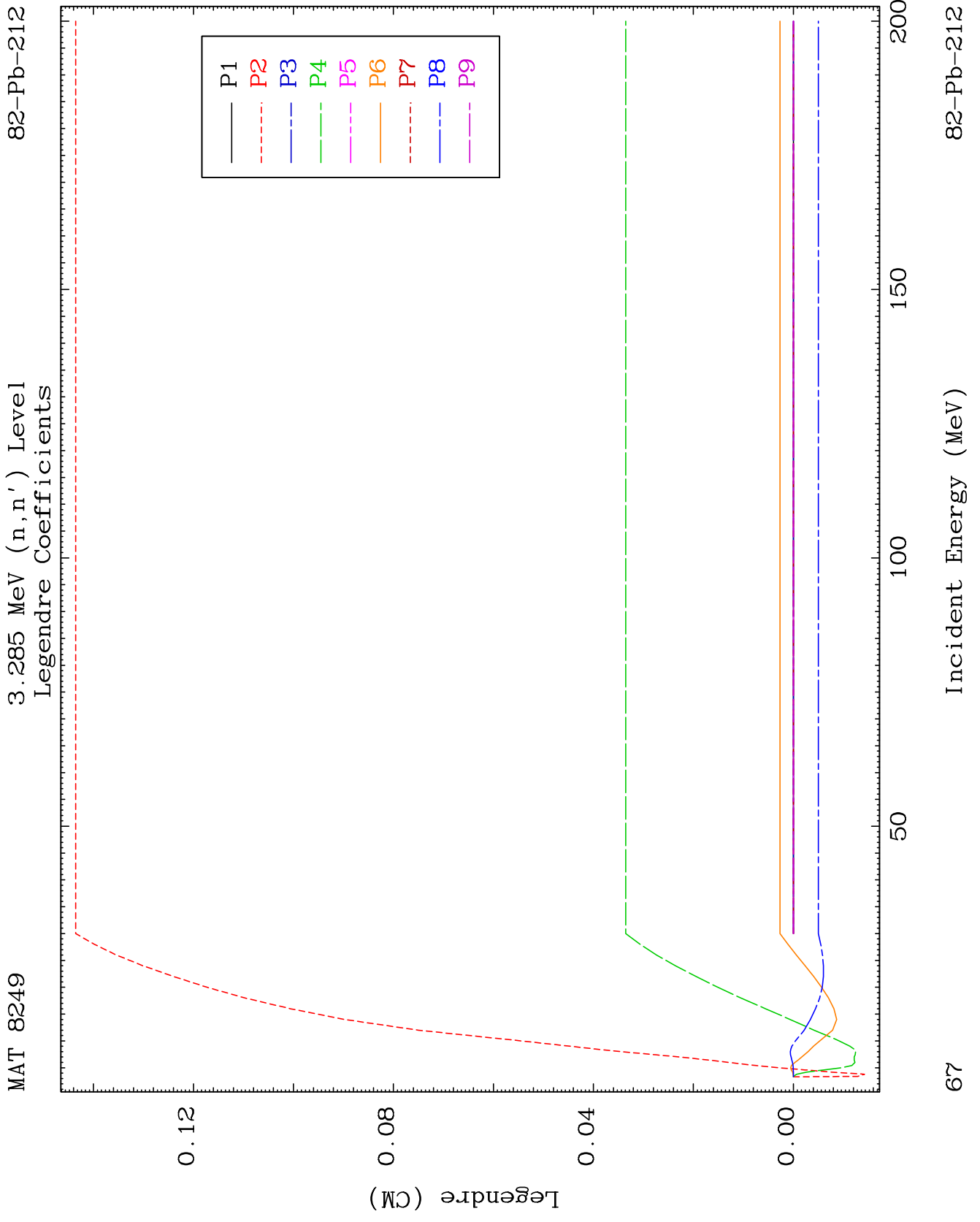
82-Pb-212



65

Incident Energy (MeV)

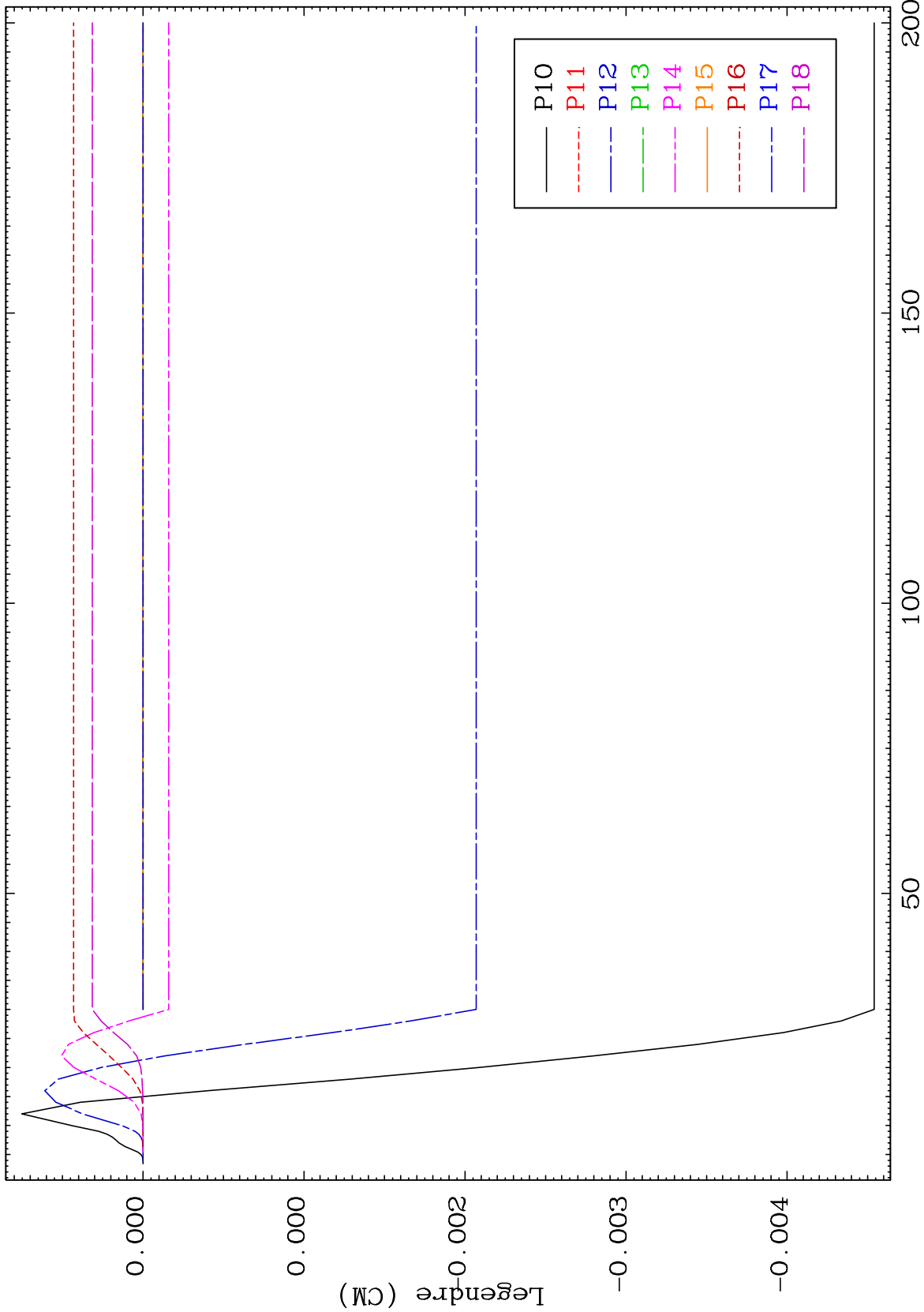
82-Pb-212



MAT 8249

3.285 MeV (n,n') Level
Legendre Coefficients

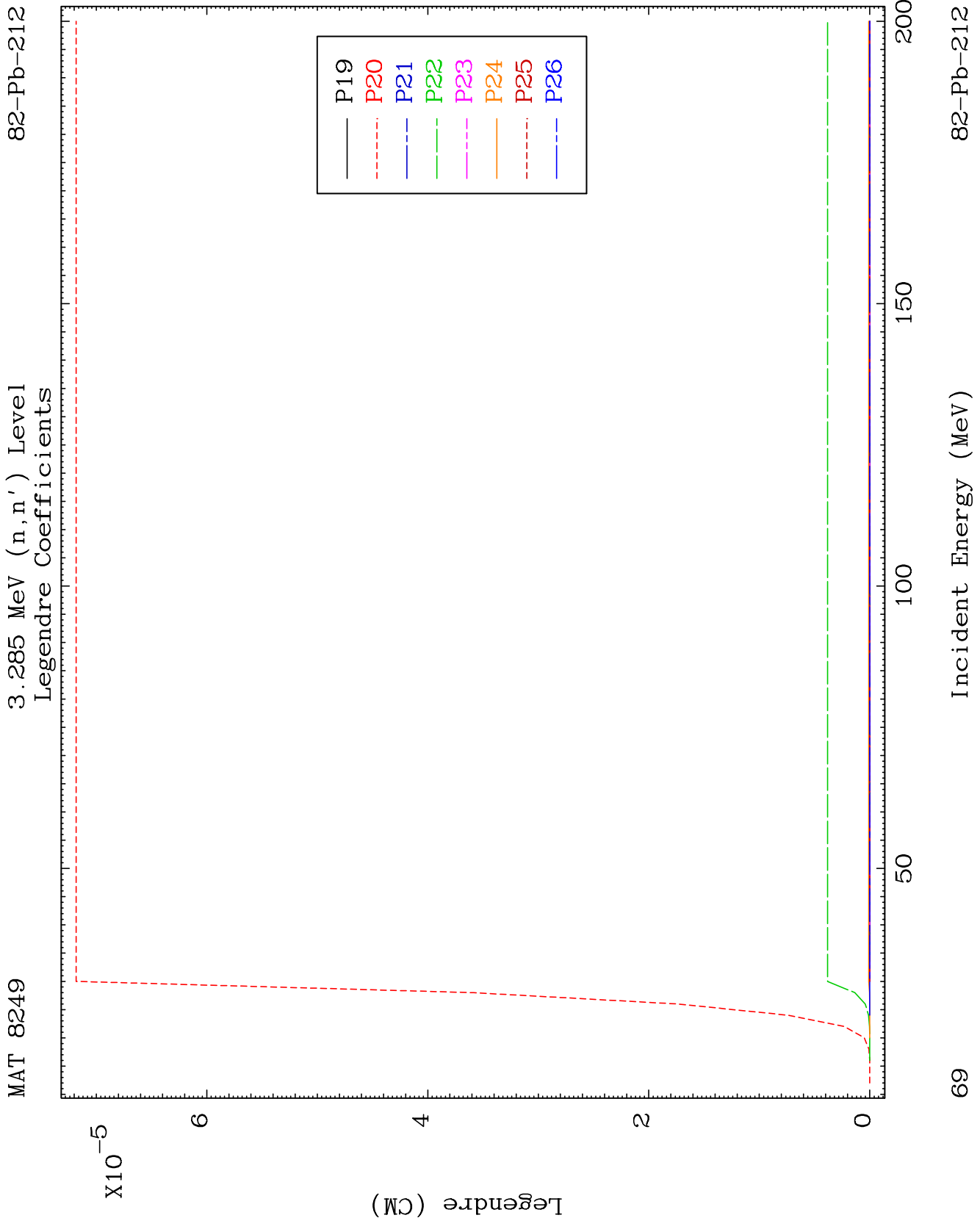
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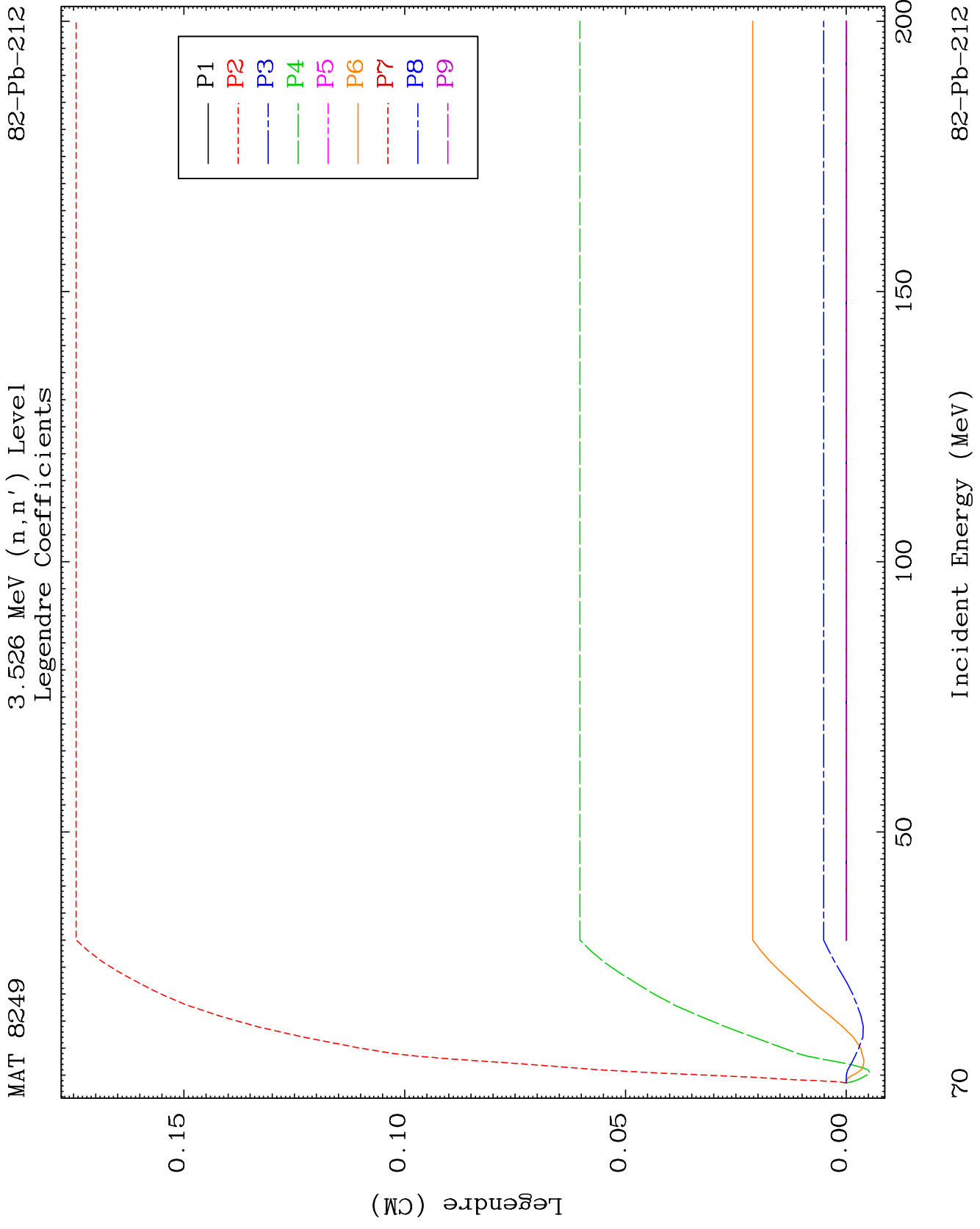


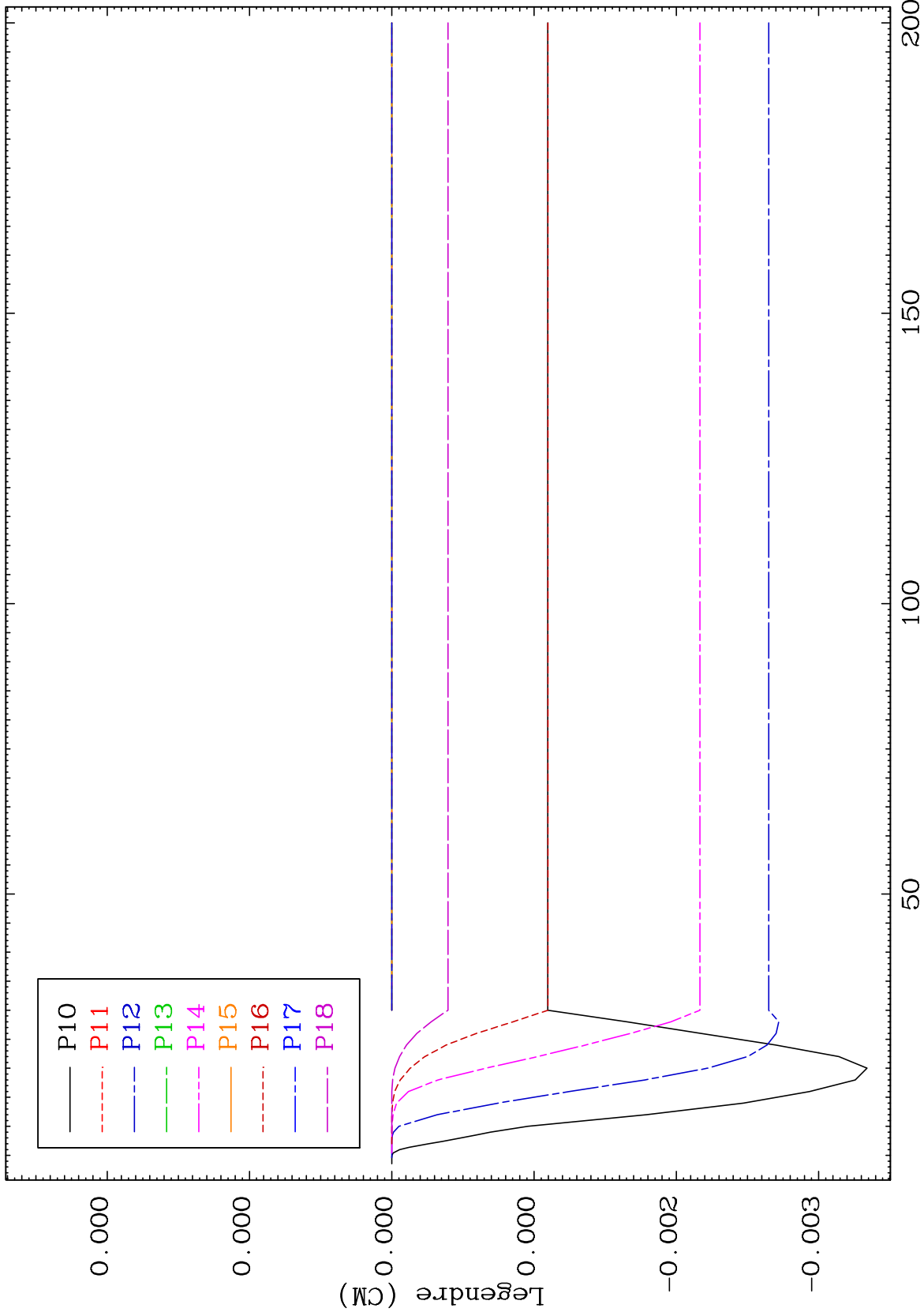
68

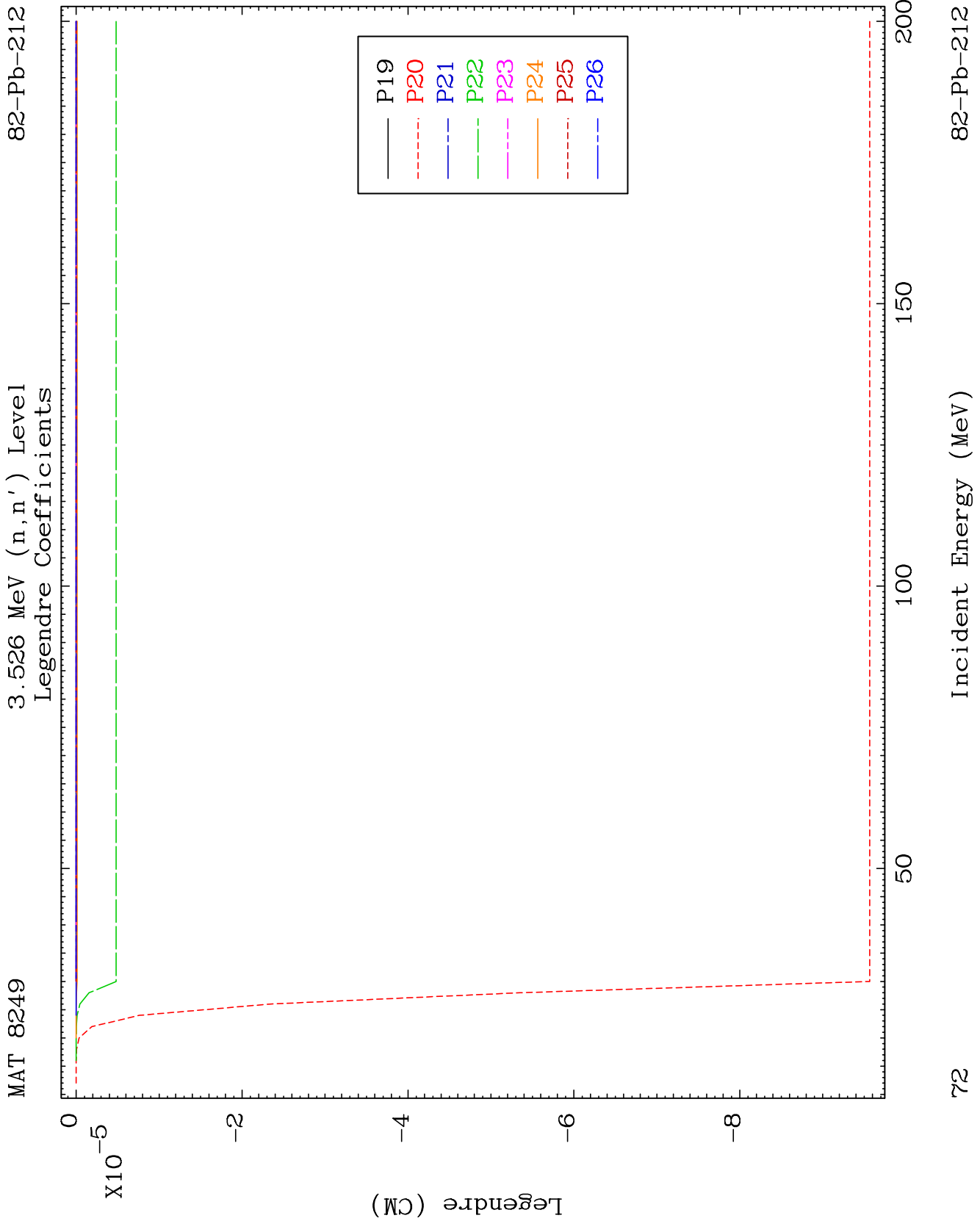
Incident Energy (MeV)

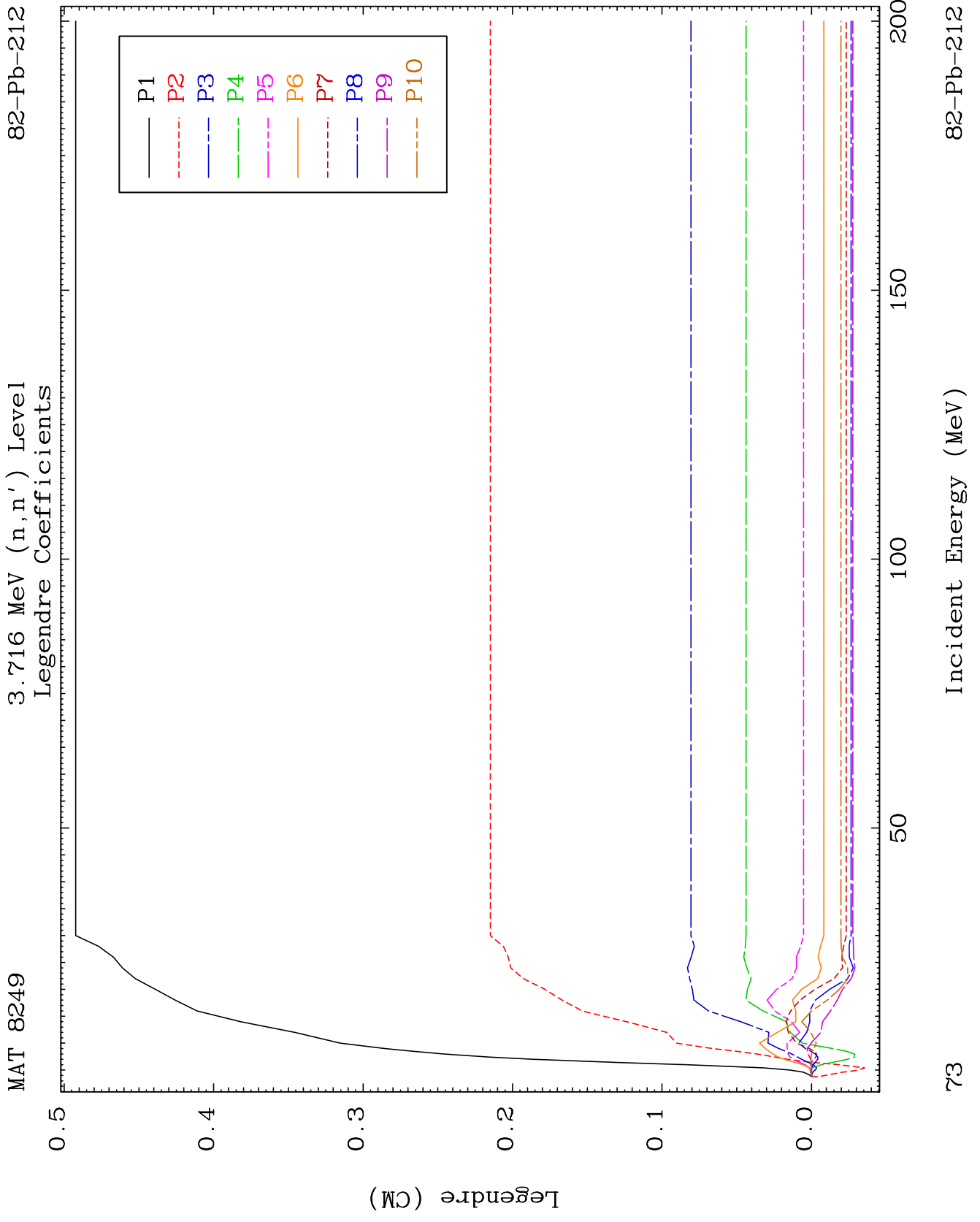
82-Pb-212







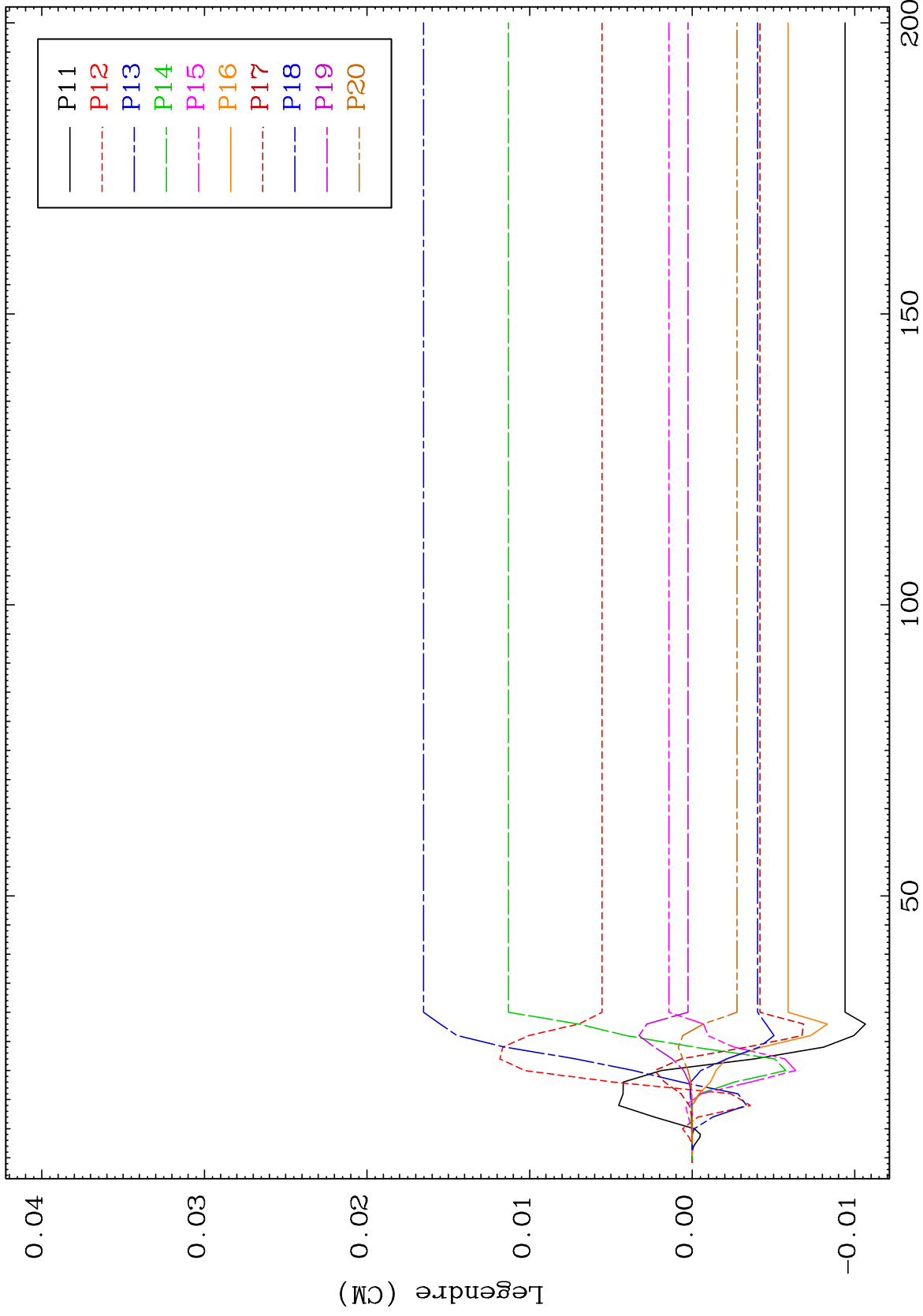




MAT 8249

3.716 MeV (n,n') Level
Legendre Coefficients

82-Pb-212



74

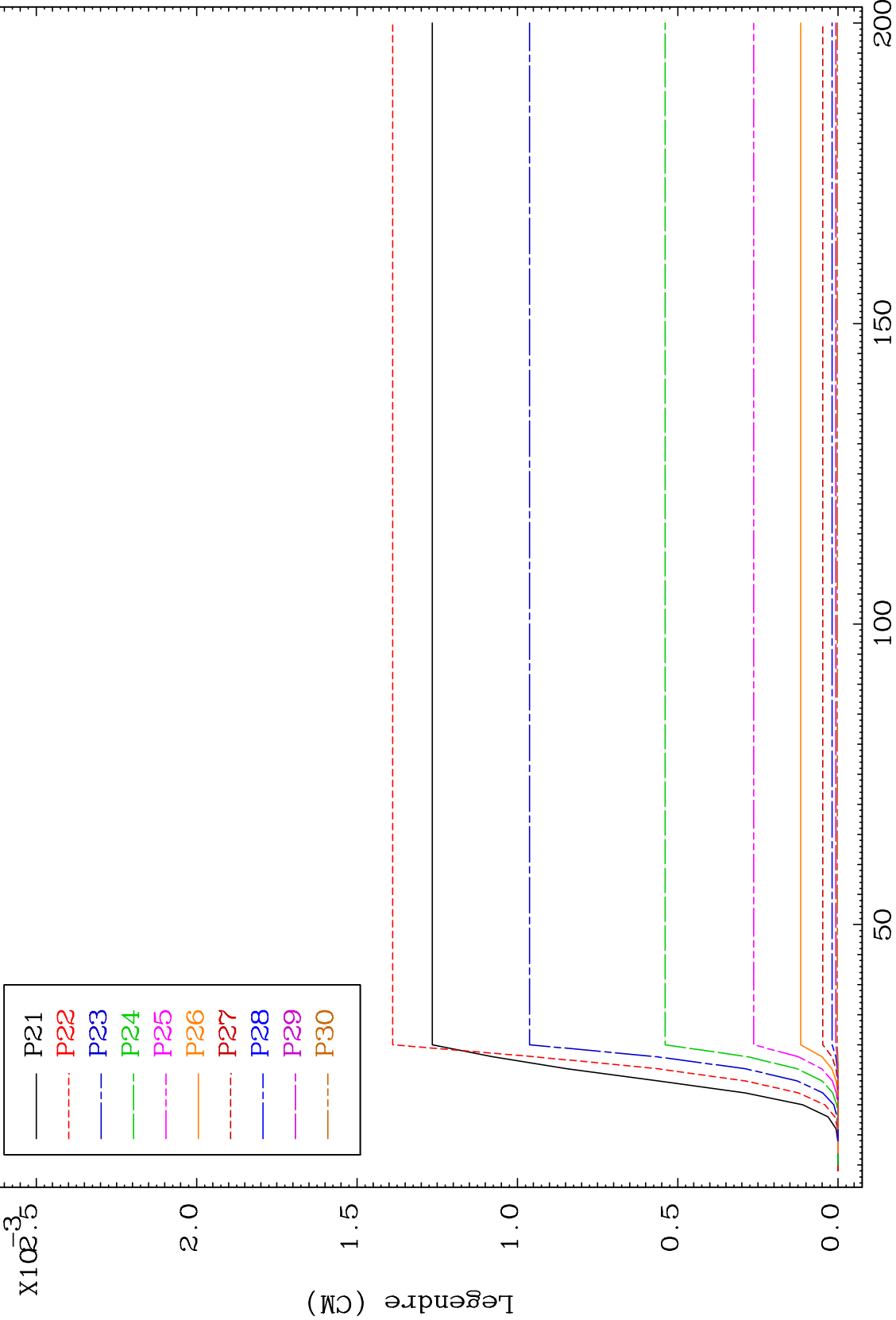
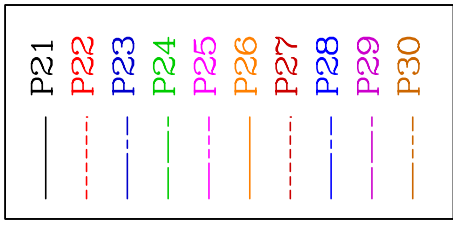
Incident Energy (MeV)

82-Pb-212

MAT 8249

3.716 MeV (n, n') Level
Legendre Coefficients

82-Pb-212



75

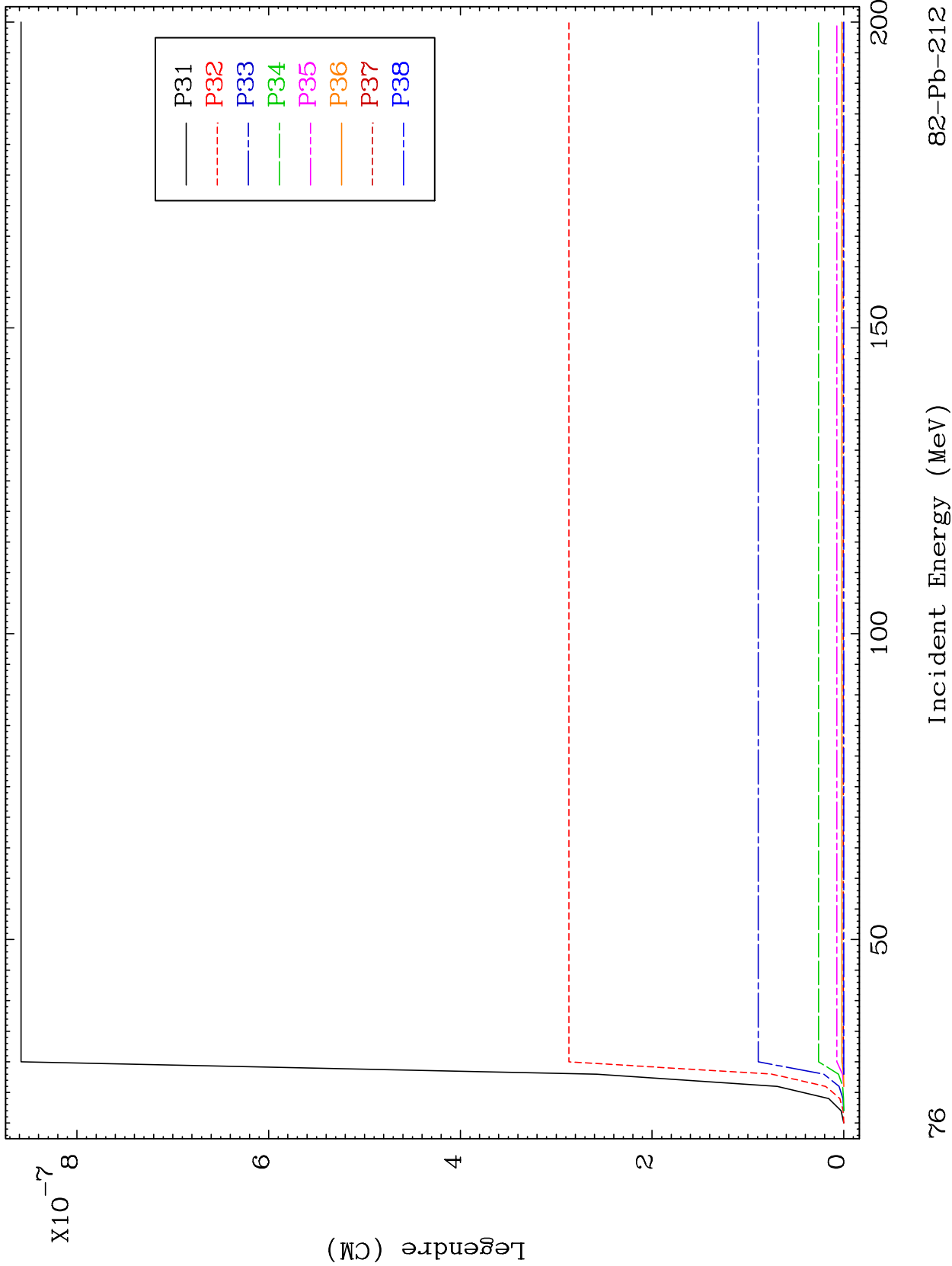
Incident Energy (MeV)

82-Pb-212

MAT 8249

3.716 MeV (n, n') Level
Legendre Coefficients

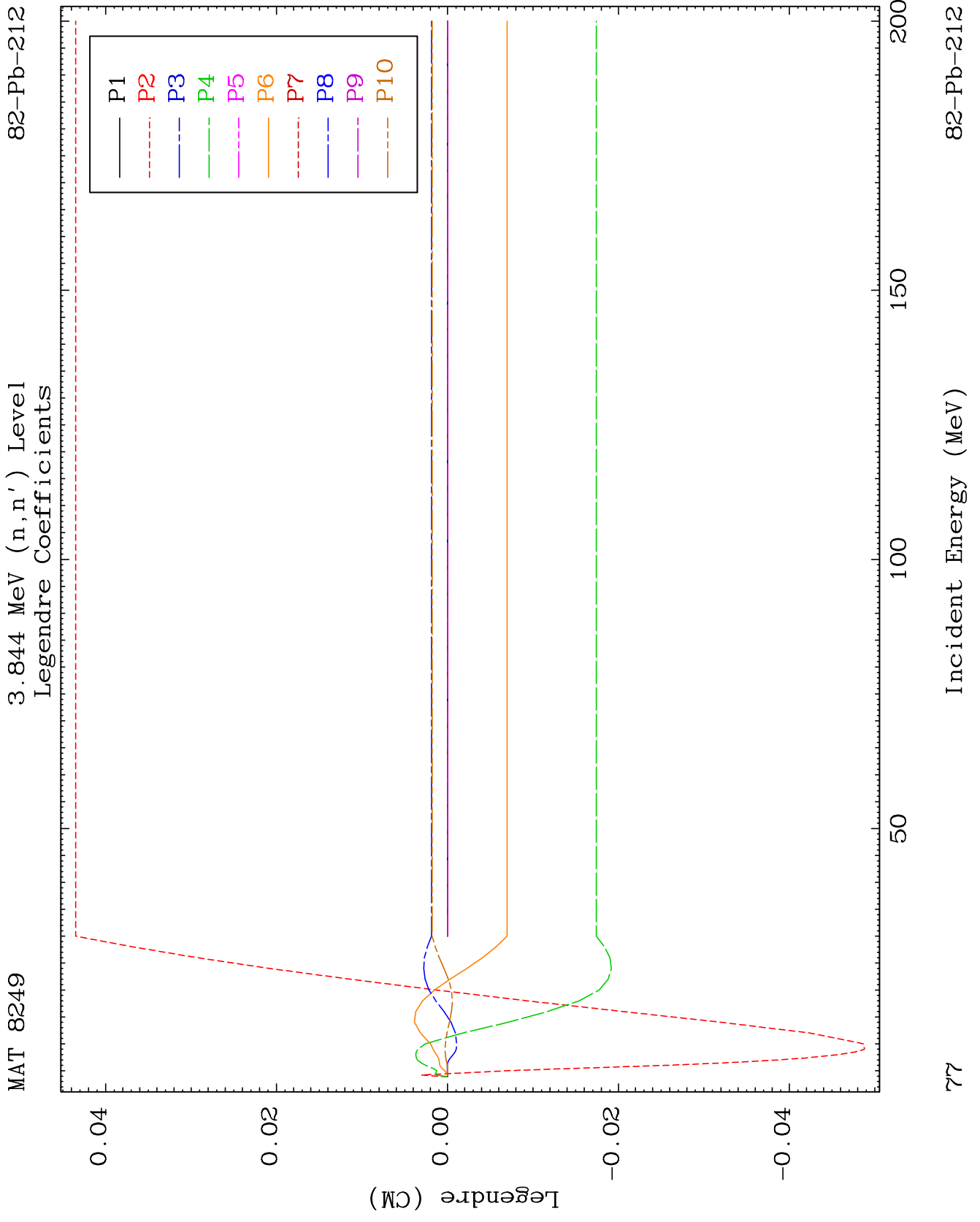
82-Pb-212



76

Incident Energy (MeV)

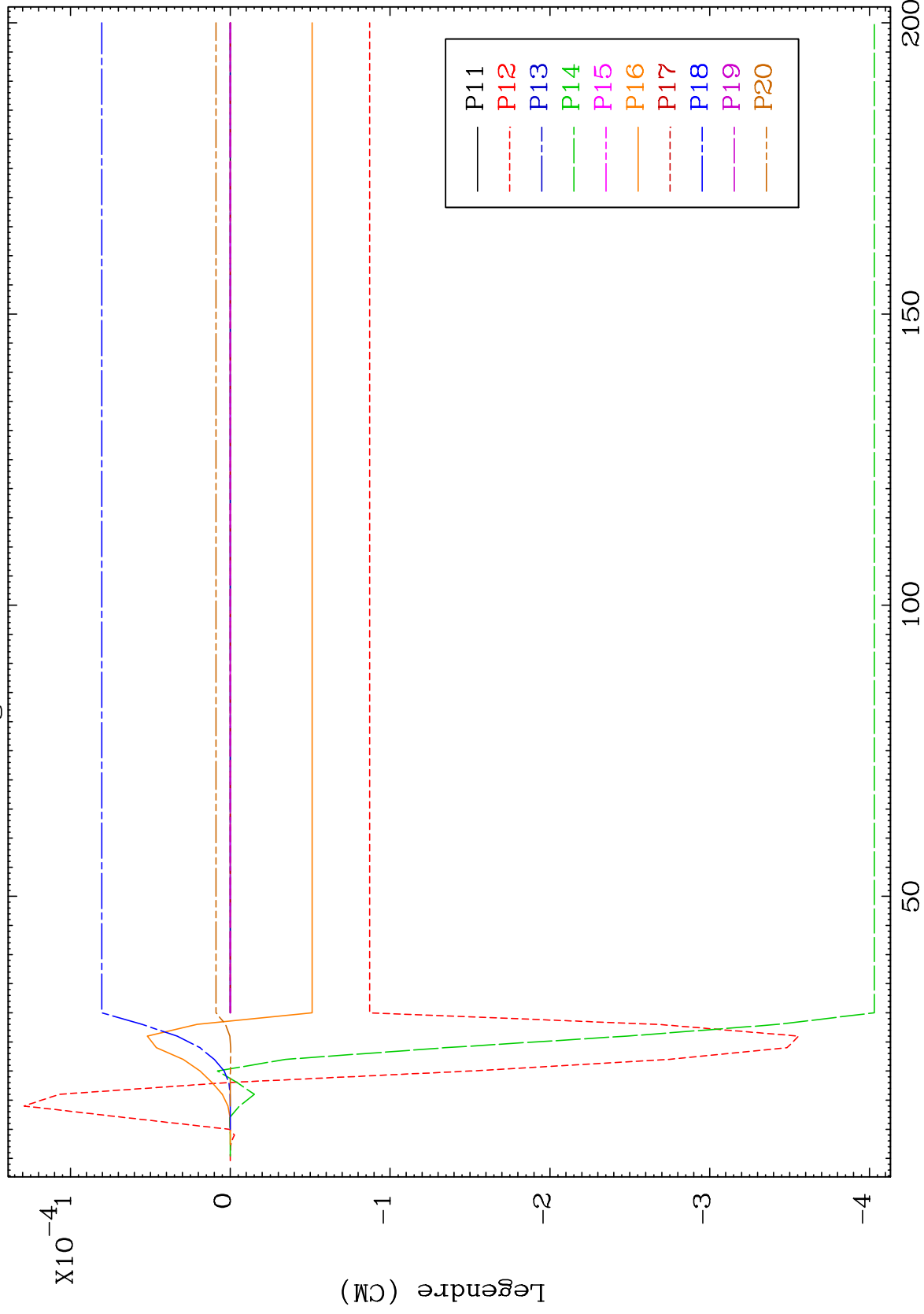
82-Pb-212



MAT 8249

3.844 MeV (n, n') Level
Legendre Coefficients

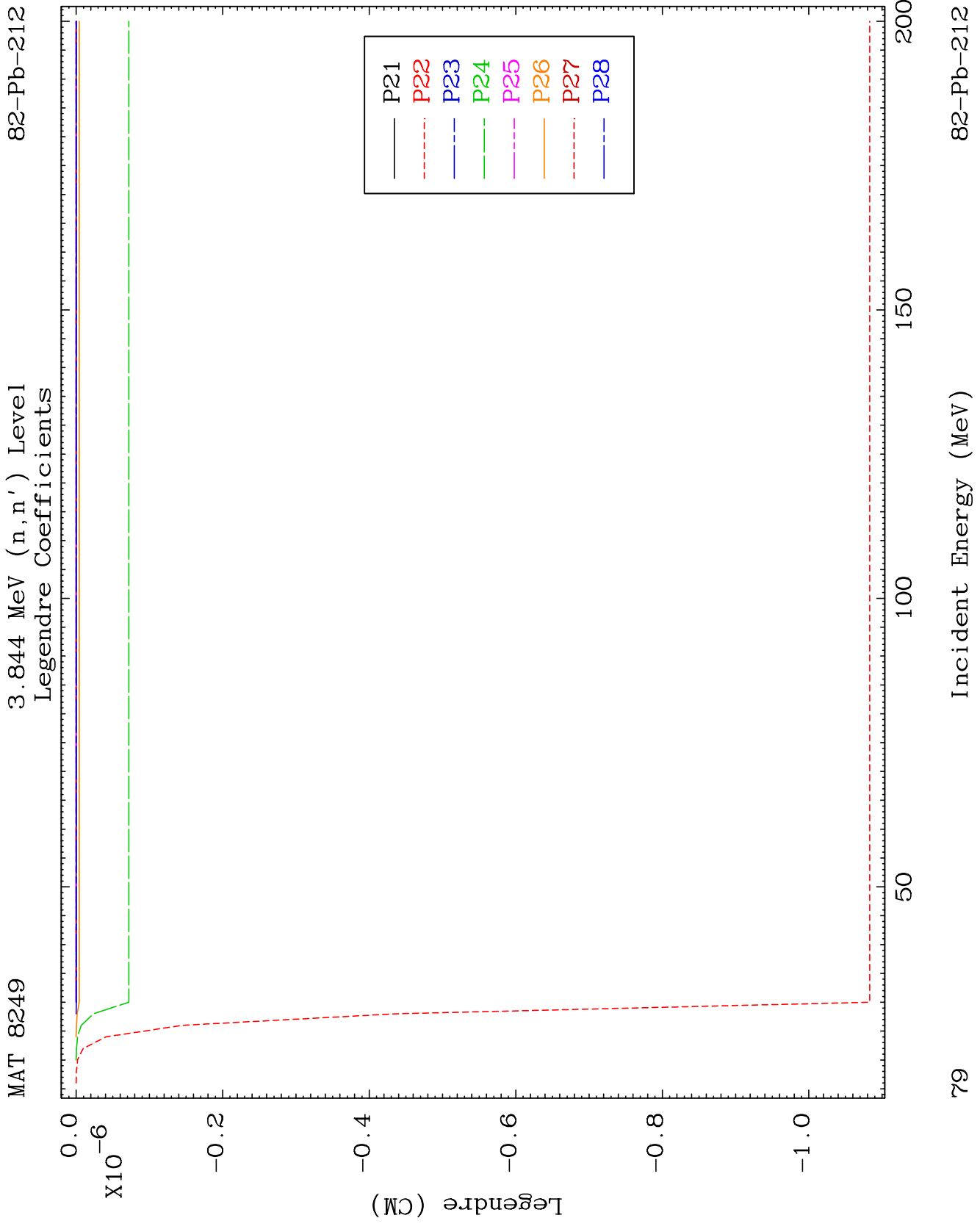
82-Pb-212



78

Incident Energy (MeV)

82-Pb-212



MAT 8249

Fission

82-Pb-212

Radionuclide Production Cross Section

