

Program EVALPLOT
(Version 2015-2)

by

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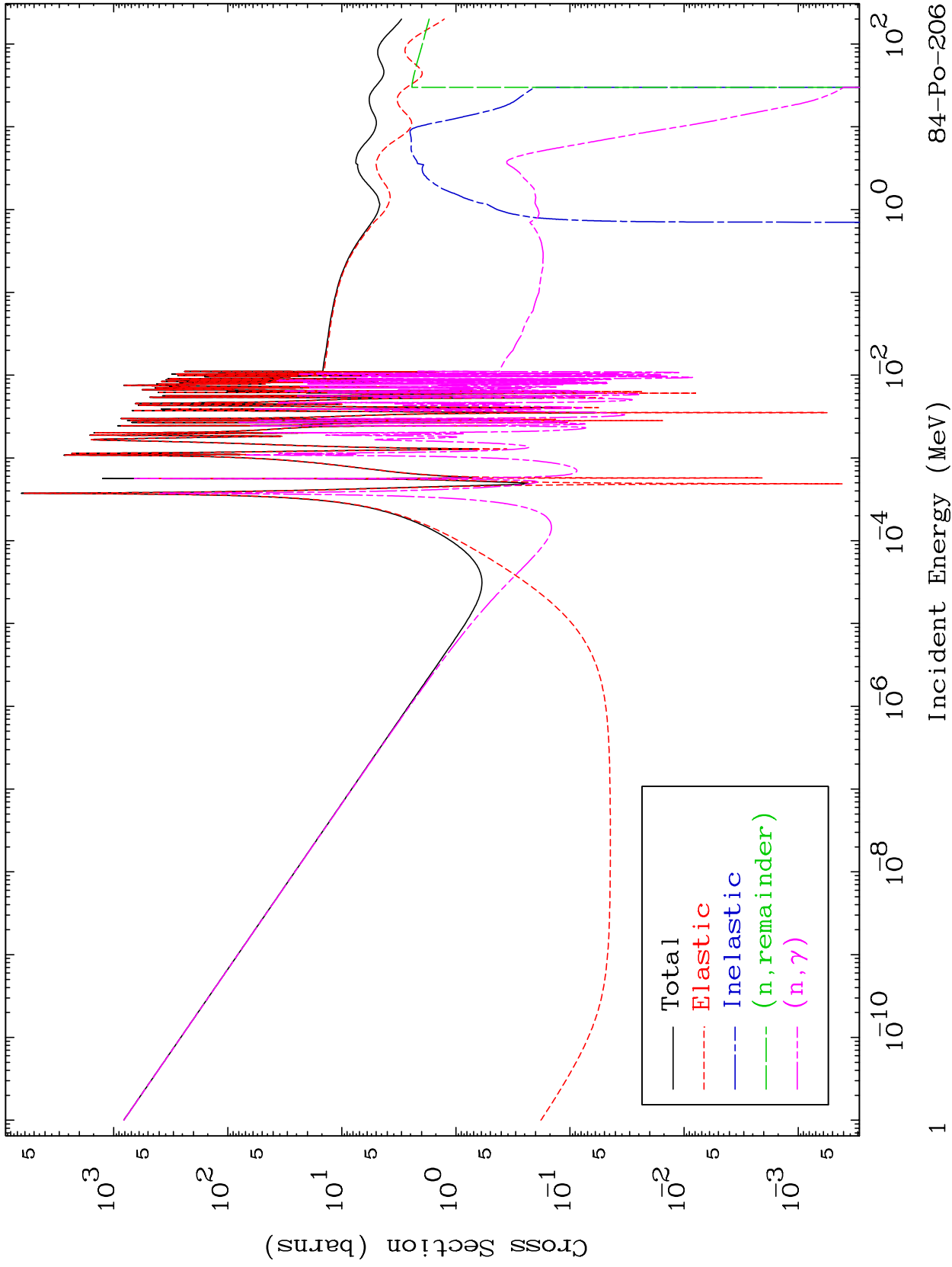
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8425

Major
293 Kelvin Cross Sections

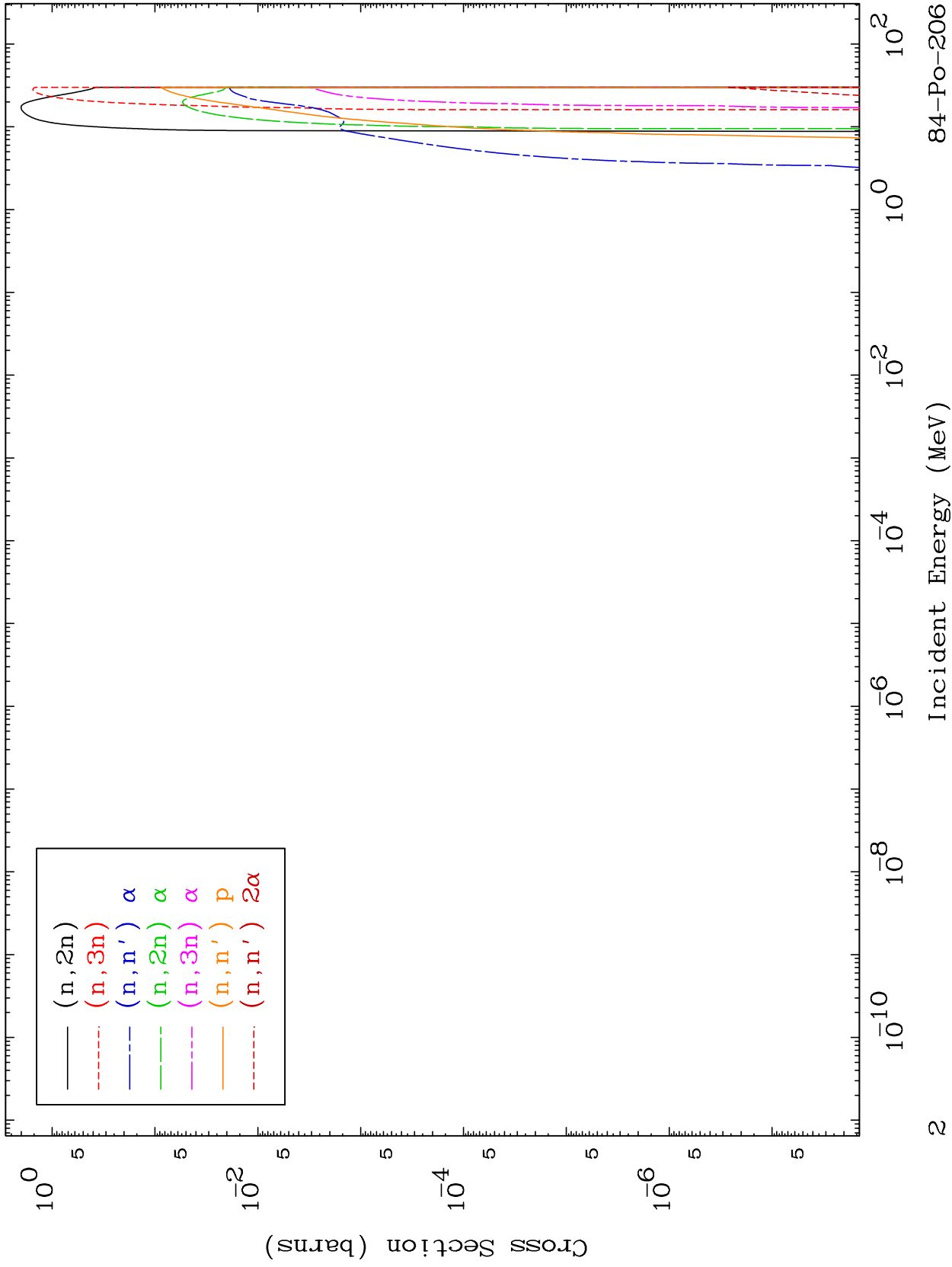
84-Po-206



MAT 8425

Neutron Production
293 Kelvin Cross Sections

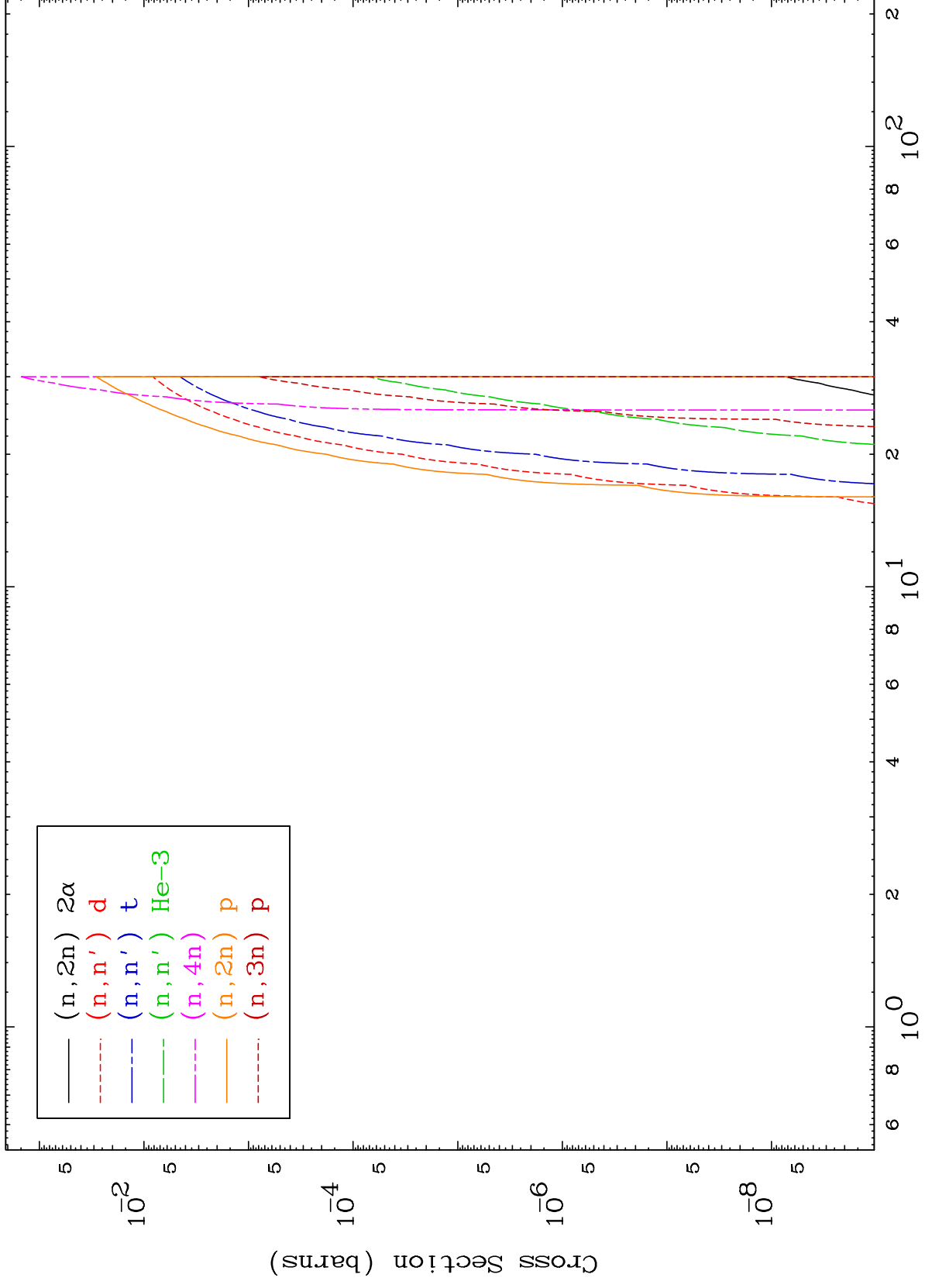
84-Po-206



MAT 8425

Neutron Production
293 Kelvin Cross Sections

84-Po-206



3

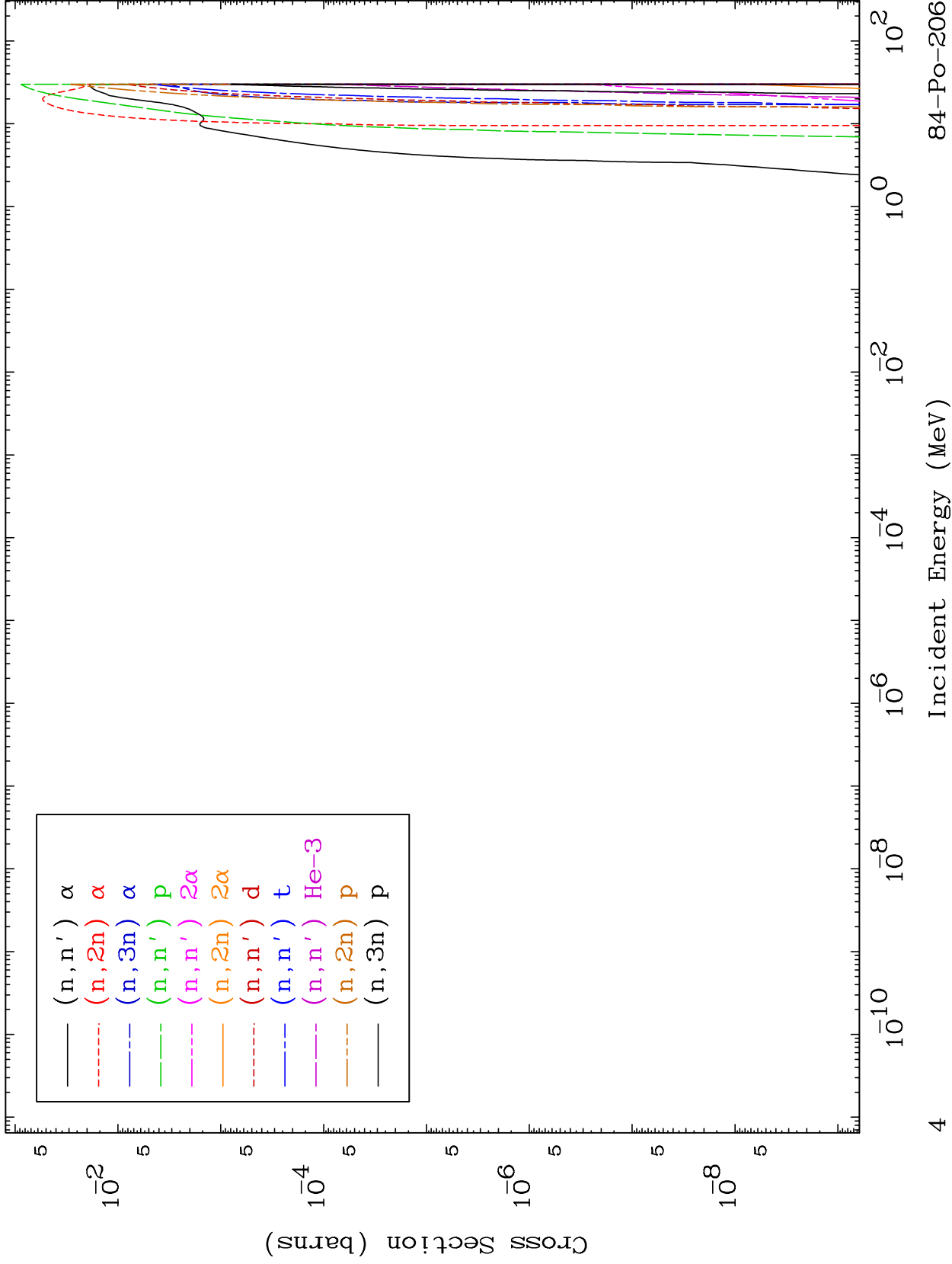
Incident Energy (MeV)

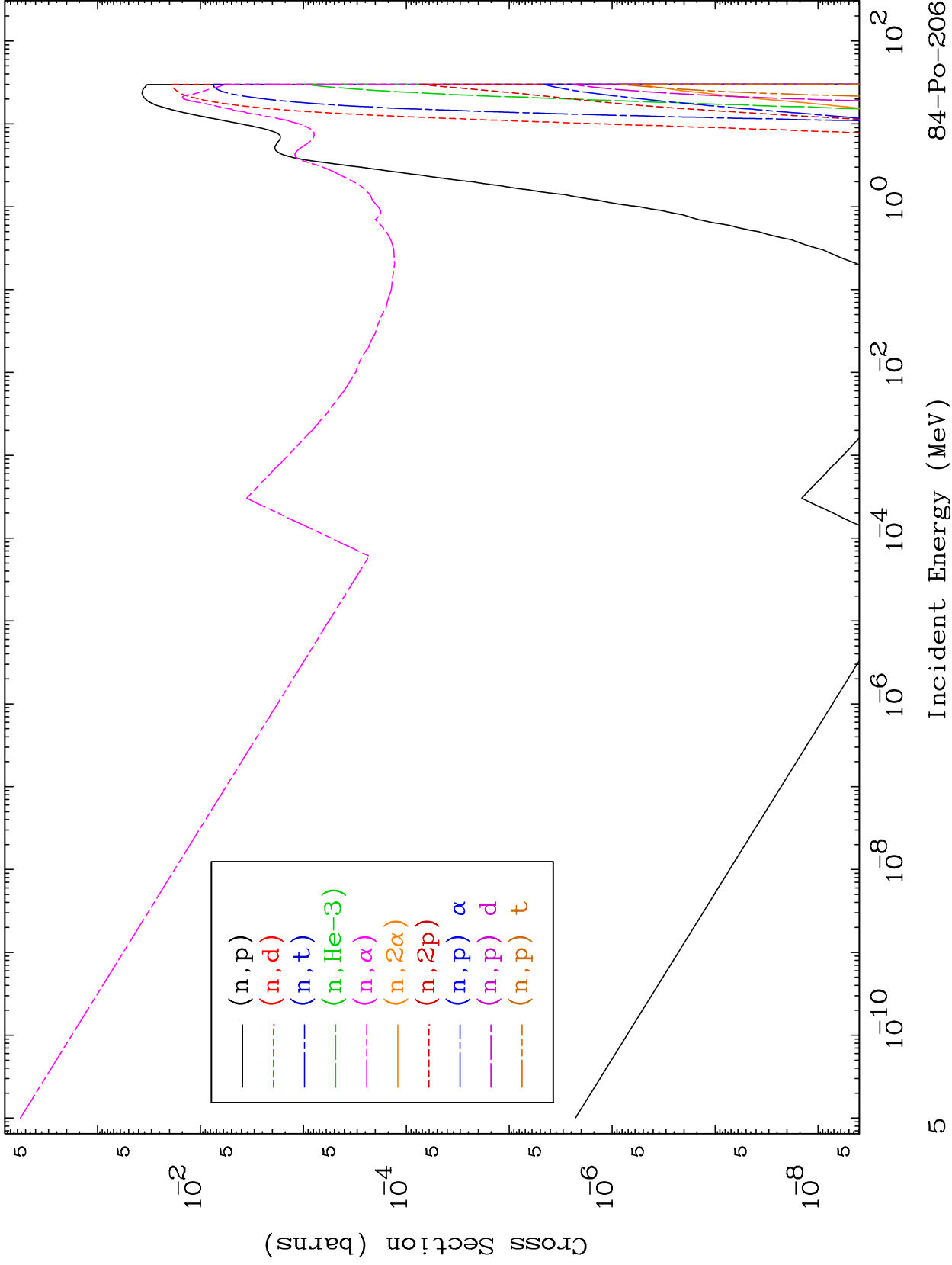
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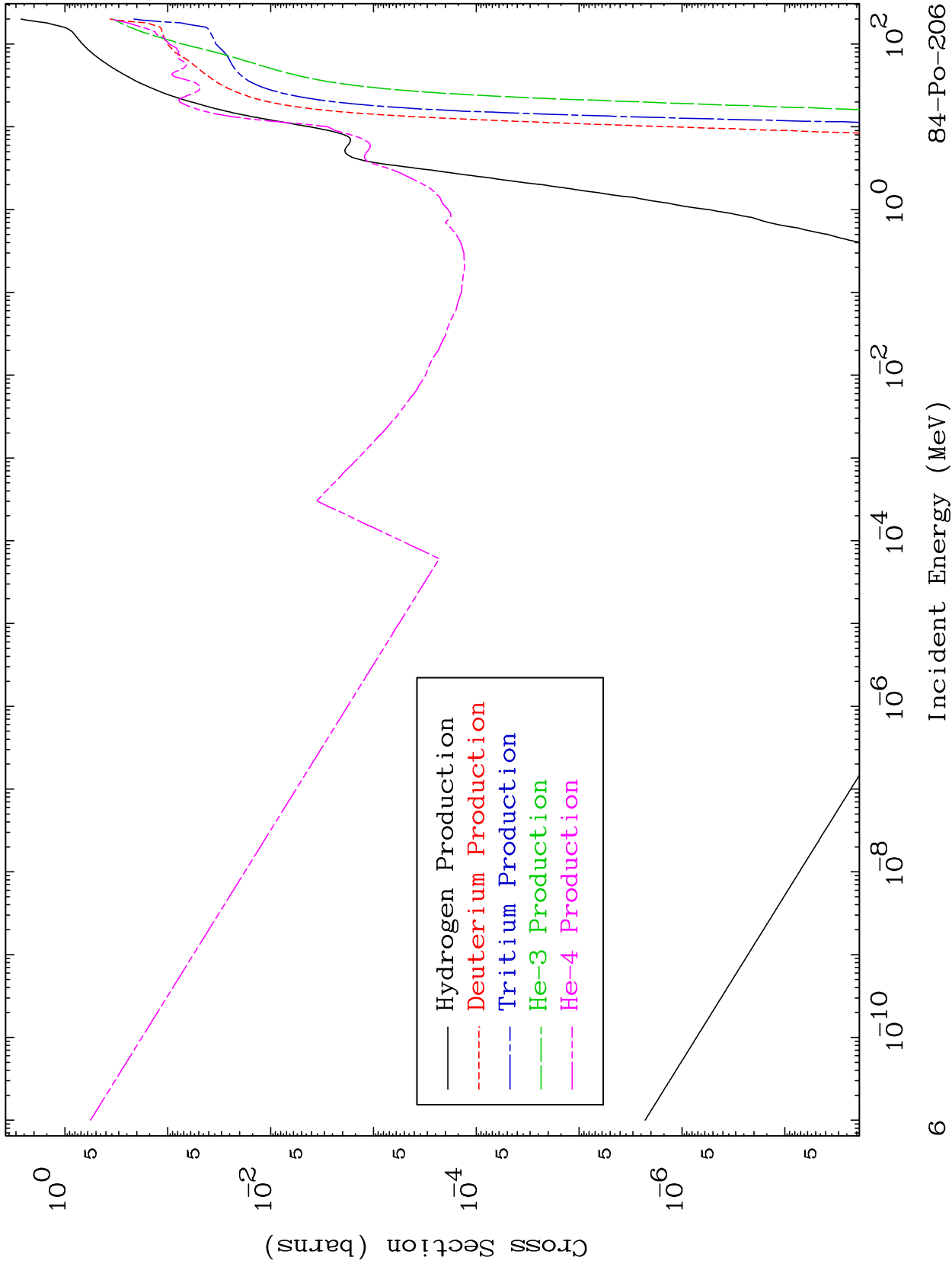
MAT 8425

Charged Particle
293 Kelvin Cross Sections

84-Po-206



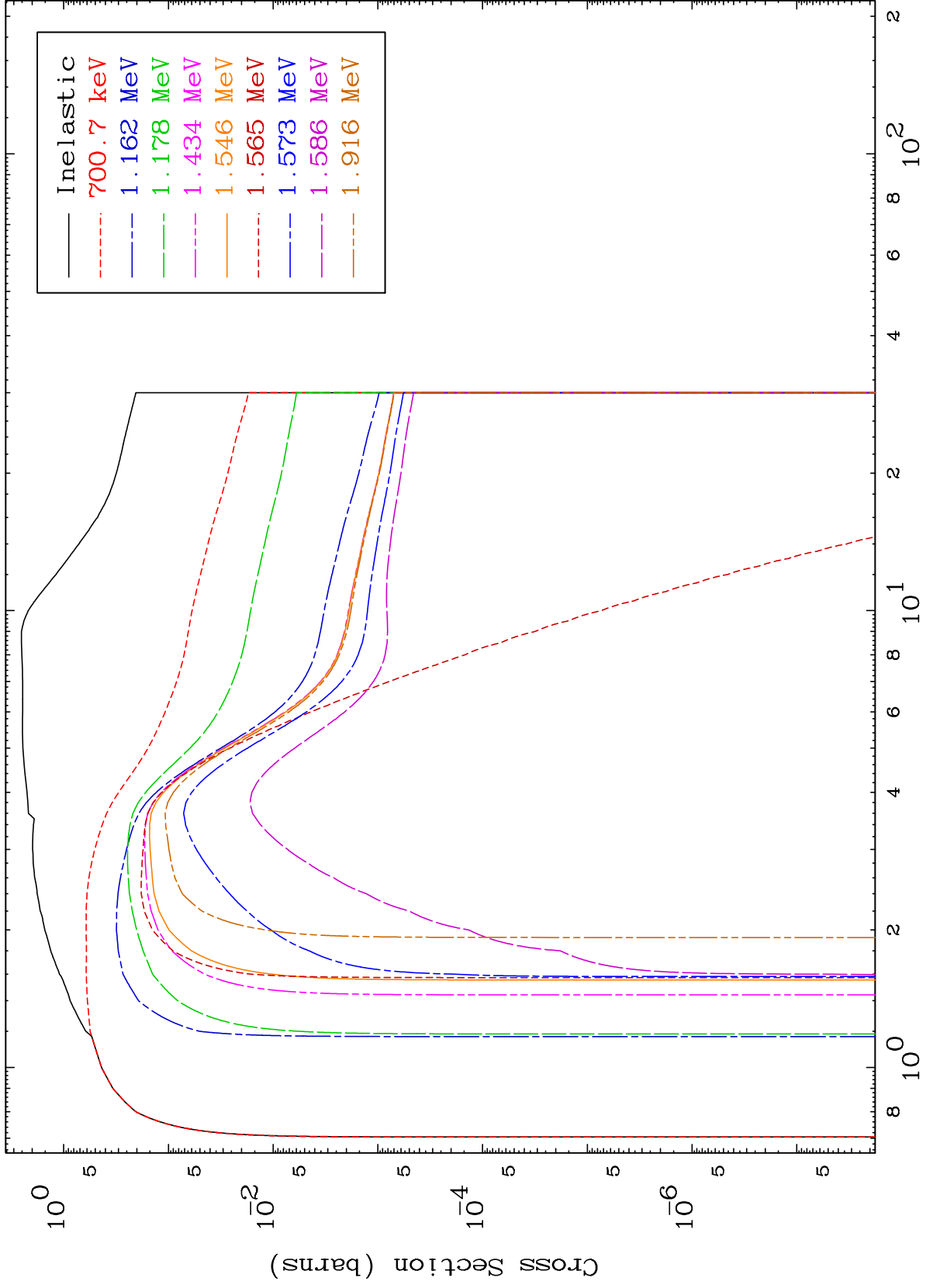




MAT 8425

(n,n') Level
293 Kelvin Cross Sections

84-Po-206



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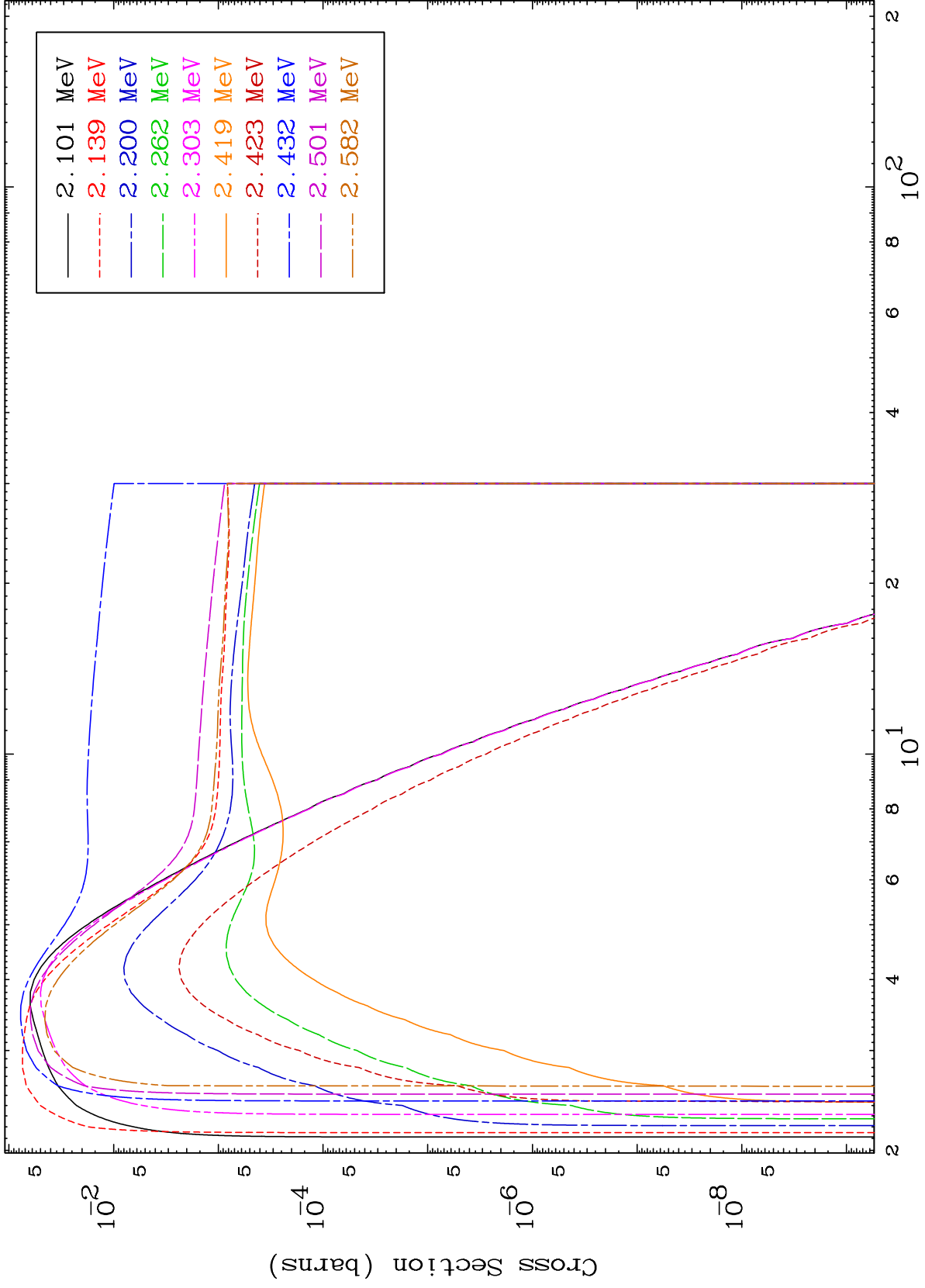
Incident Energy (MeV)

84-Po-206

MAT 8425

(n,n') Level
293 Kelvin Cross Sections

84-Po-206

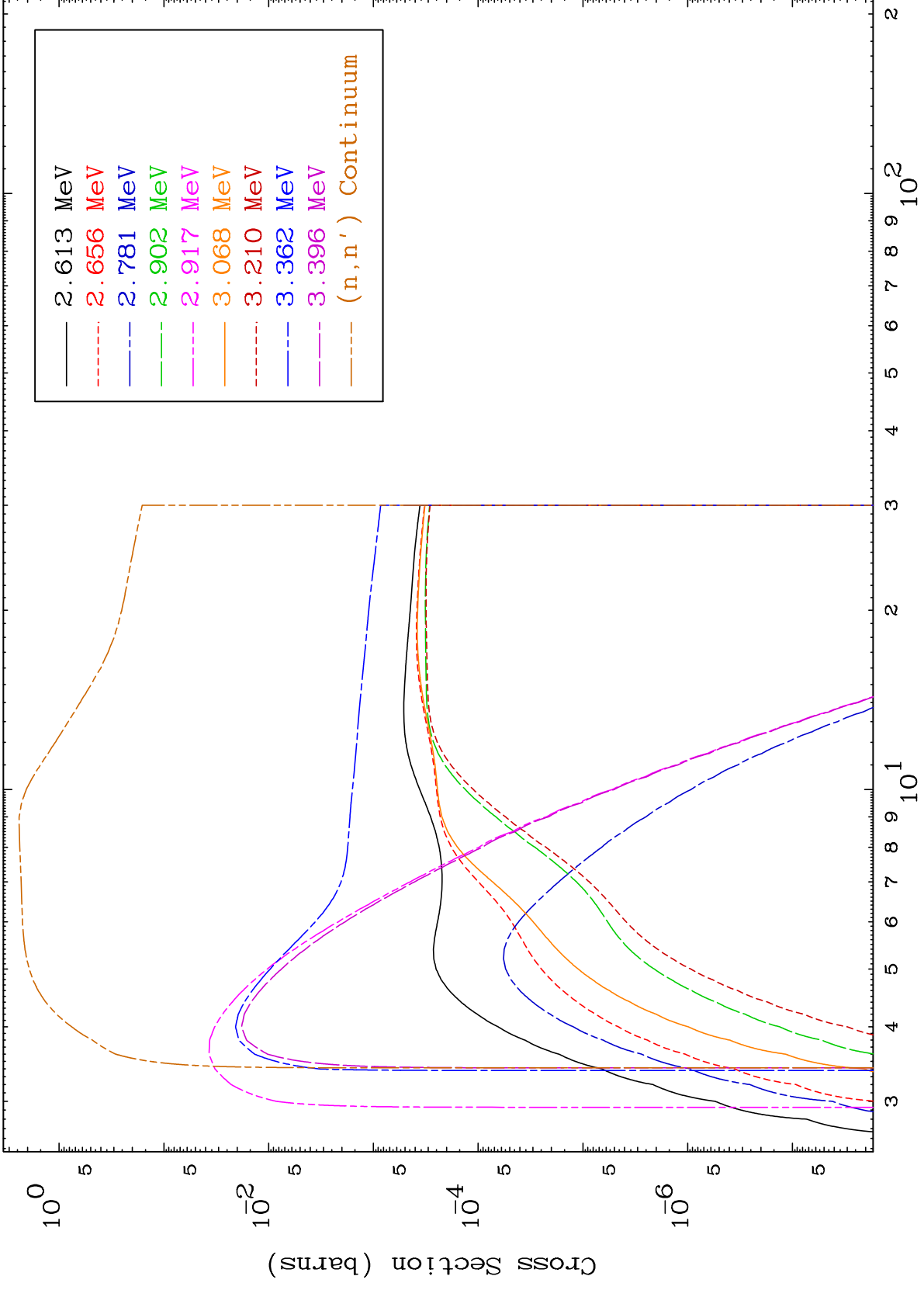


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Incident Energy (MeV)

84-Po-206

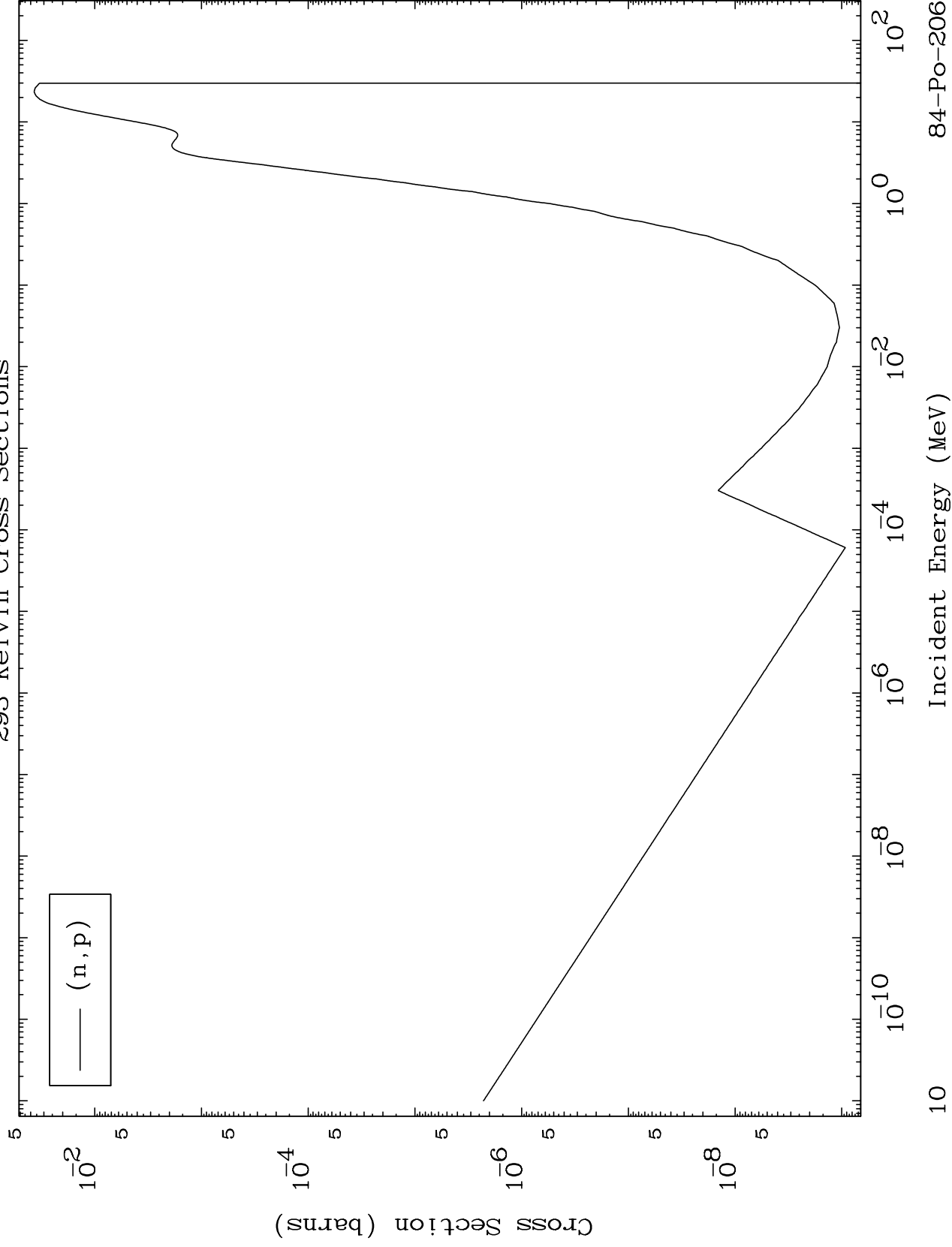
293 Kelvin Cross Sections



MAT 8425

(n,p) Levels
293 Kelvin Cross Sections

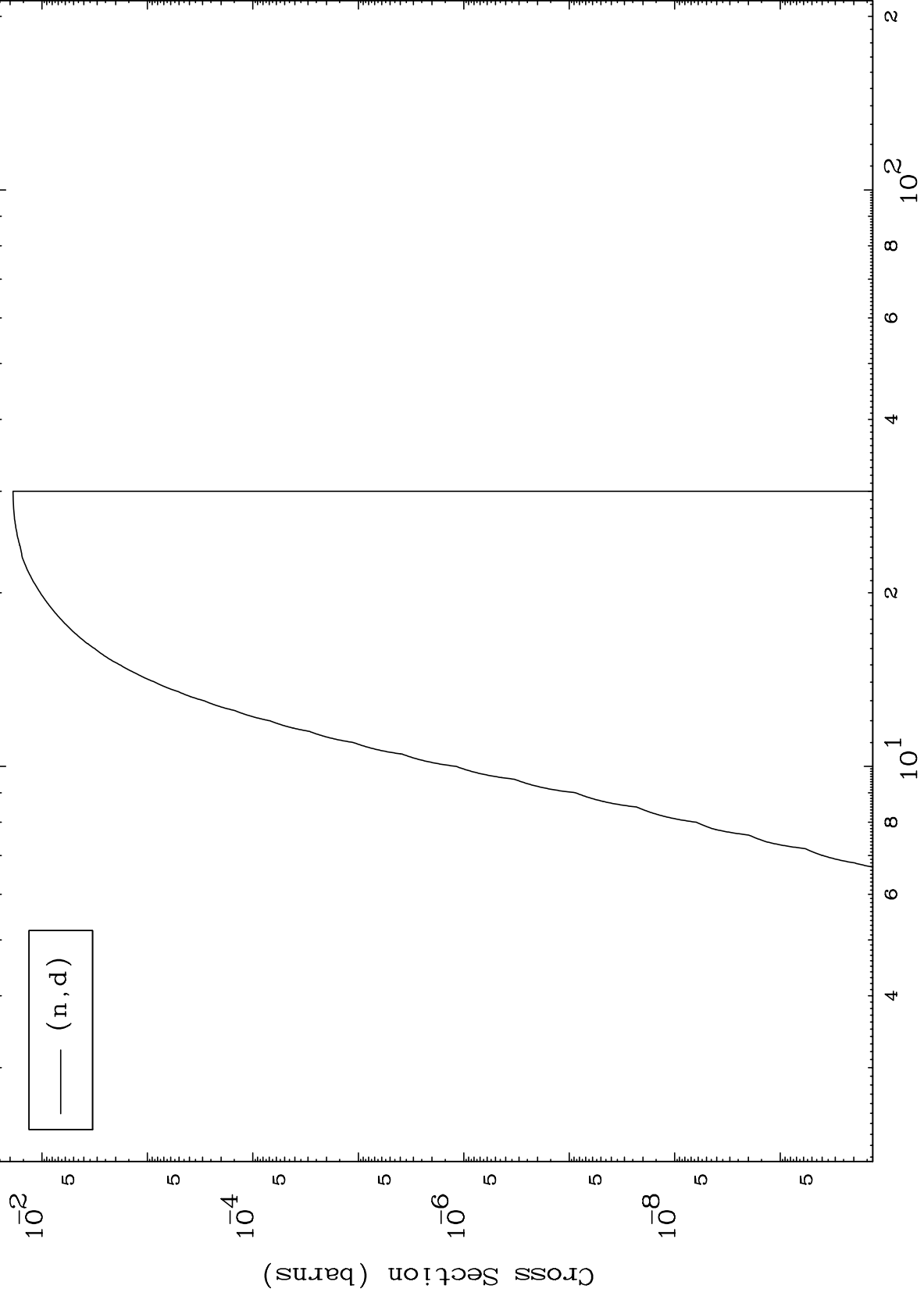
84-Po-206



MAT 8425

(n,d) Levels
293 Kelvin Cross Sections

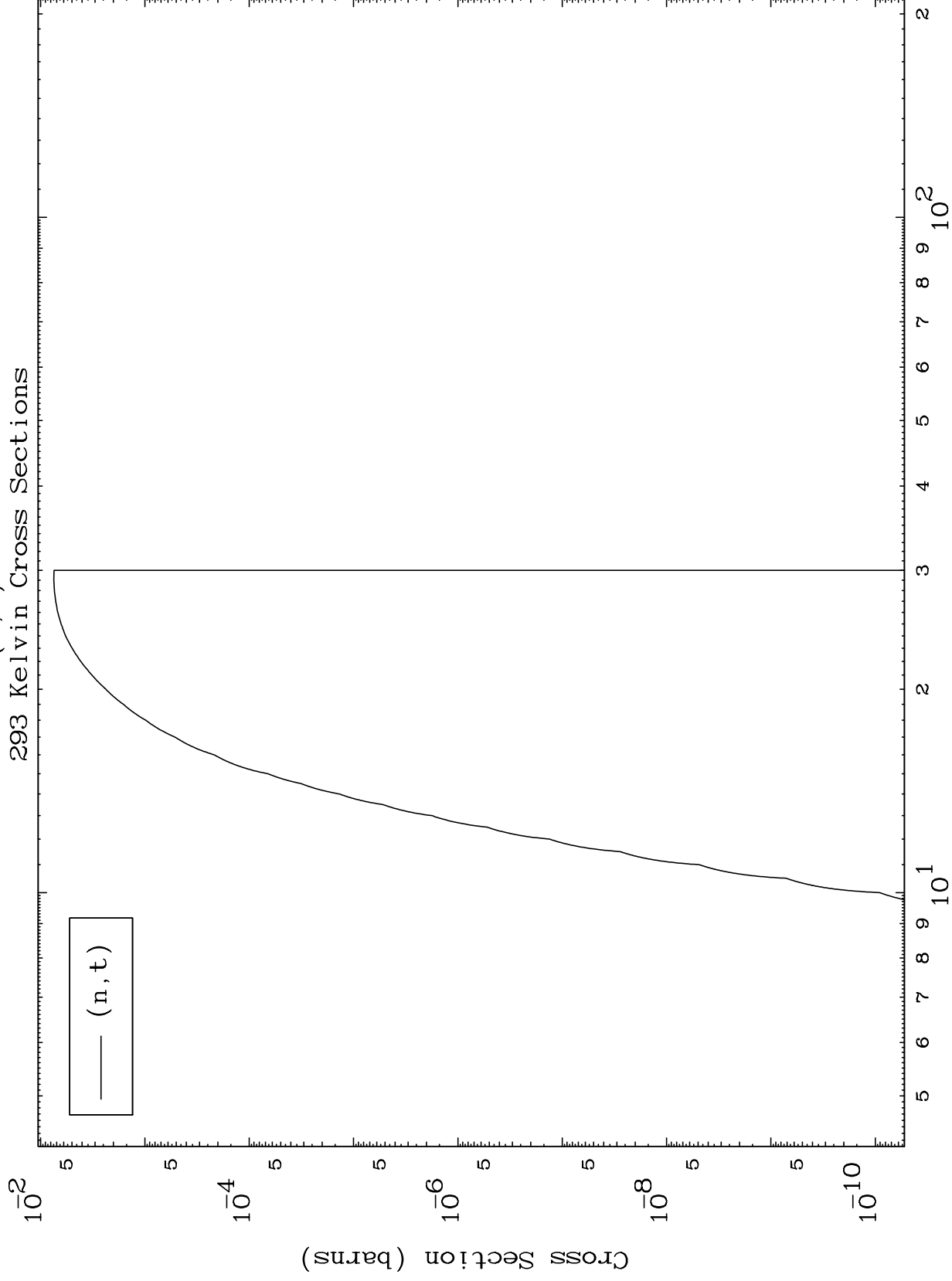
84-Po-206



MAT 8425

(n,t) Levels
293 Kelvin Cross Sections

84-Po-206



12

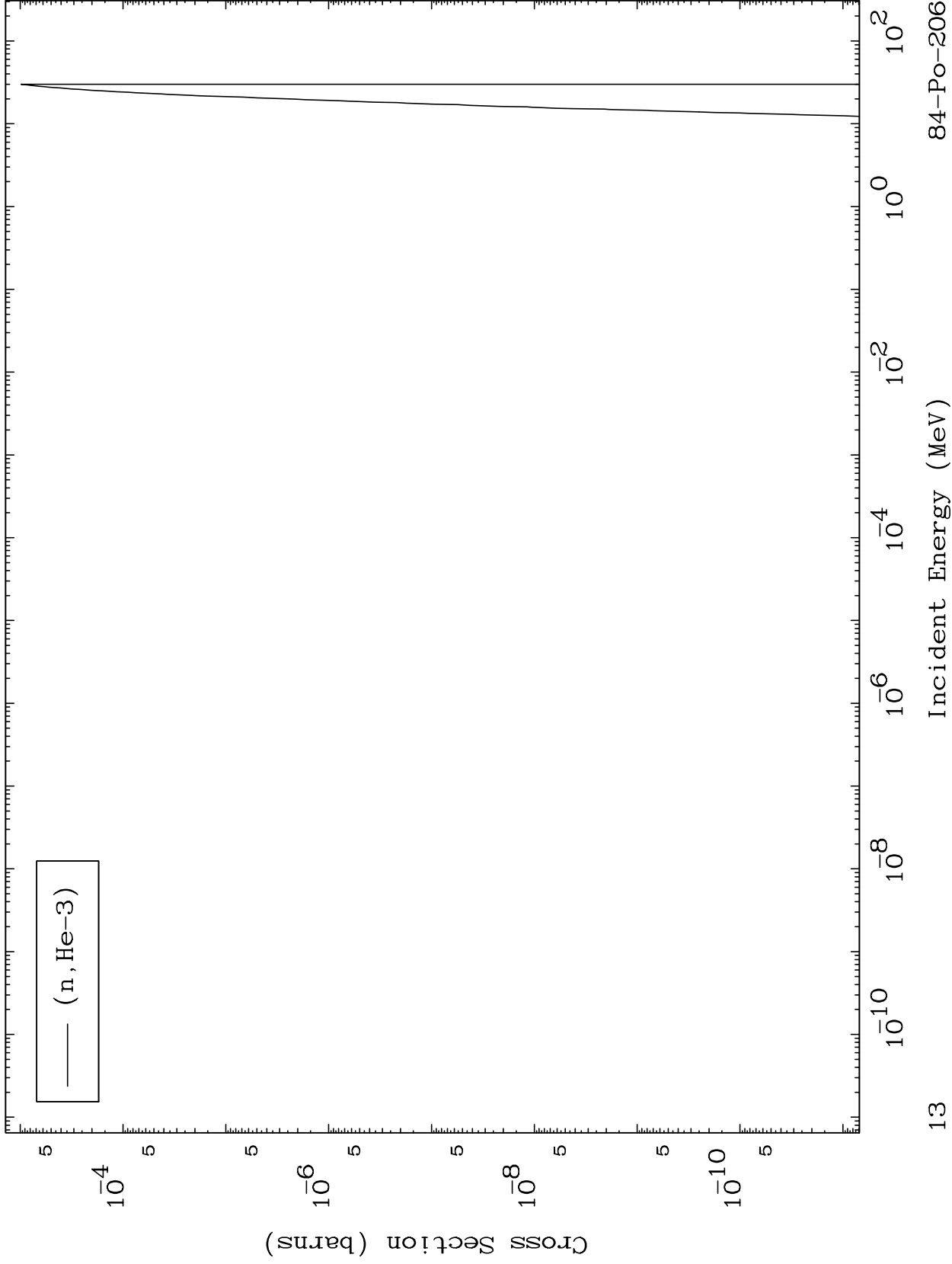
Incident Energy (MeV)

84-Po-206

MAT 8425

(n,He3) Levels
293 Kelvin Cross Sections

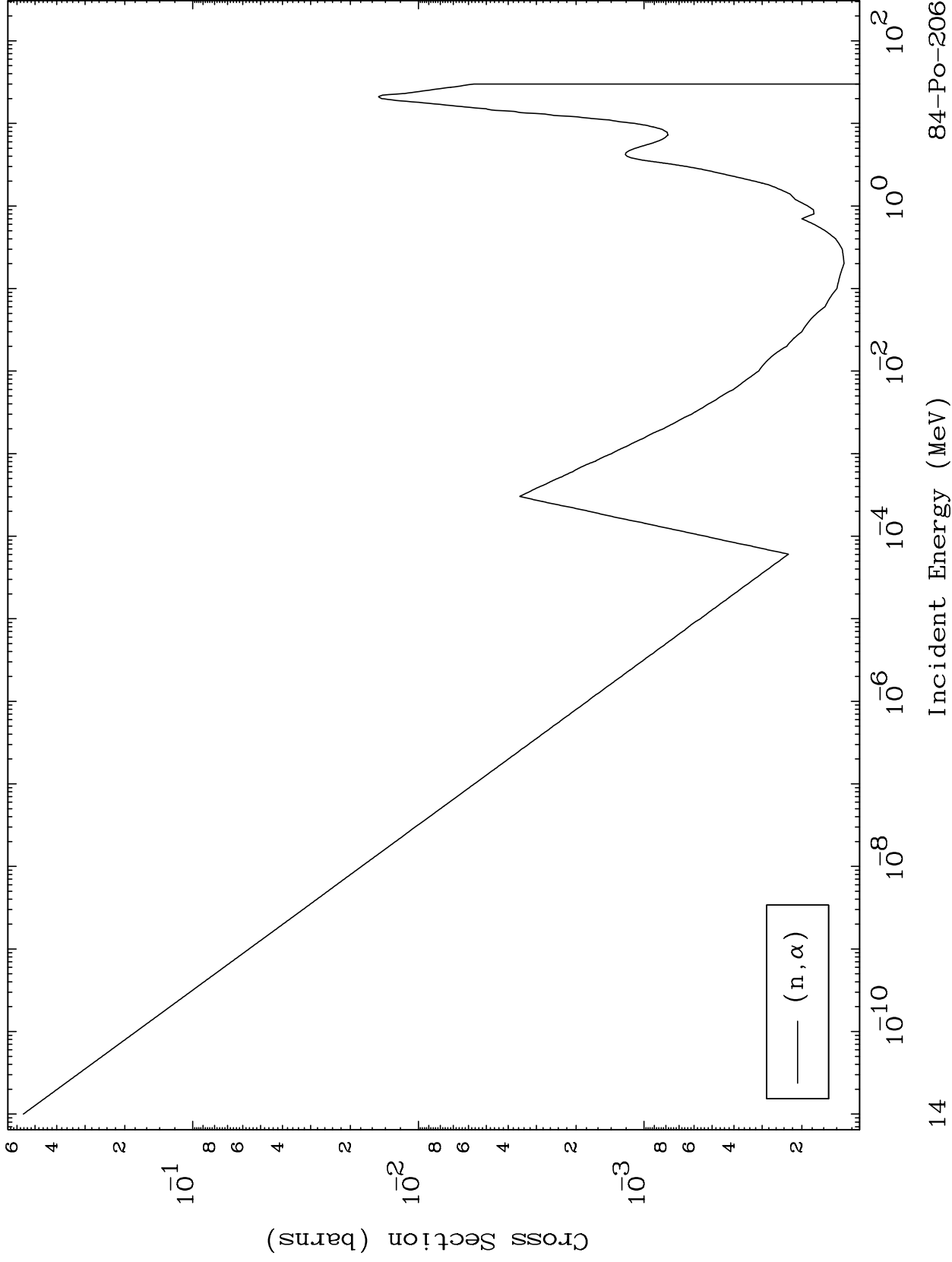
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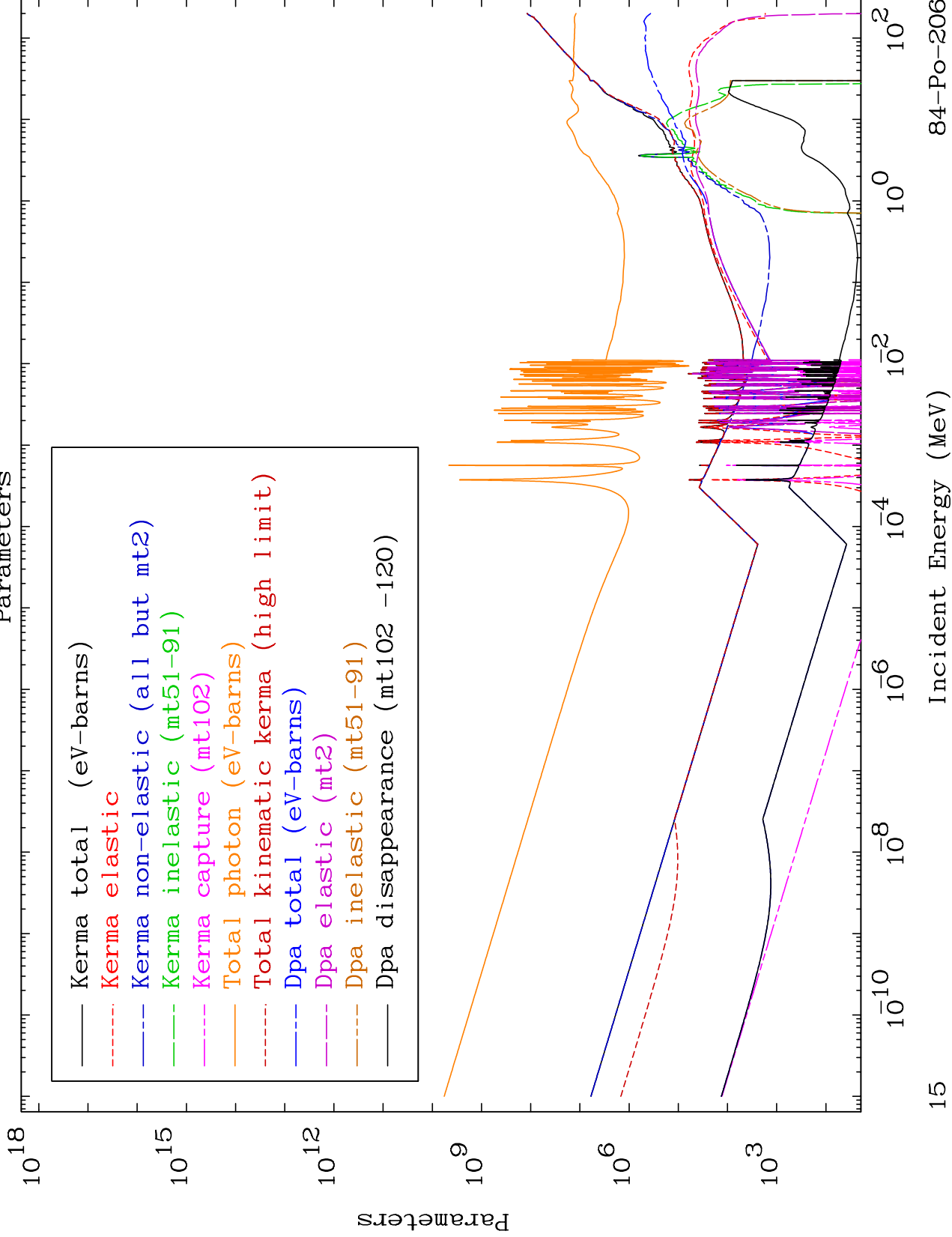


MAT 8425

(n,α) Levels
293 Kelvin Cross Sections

84-Po-206

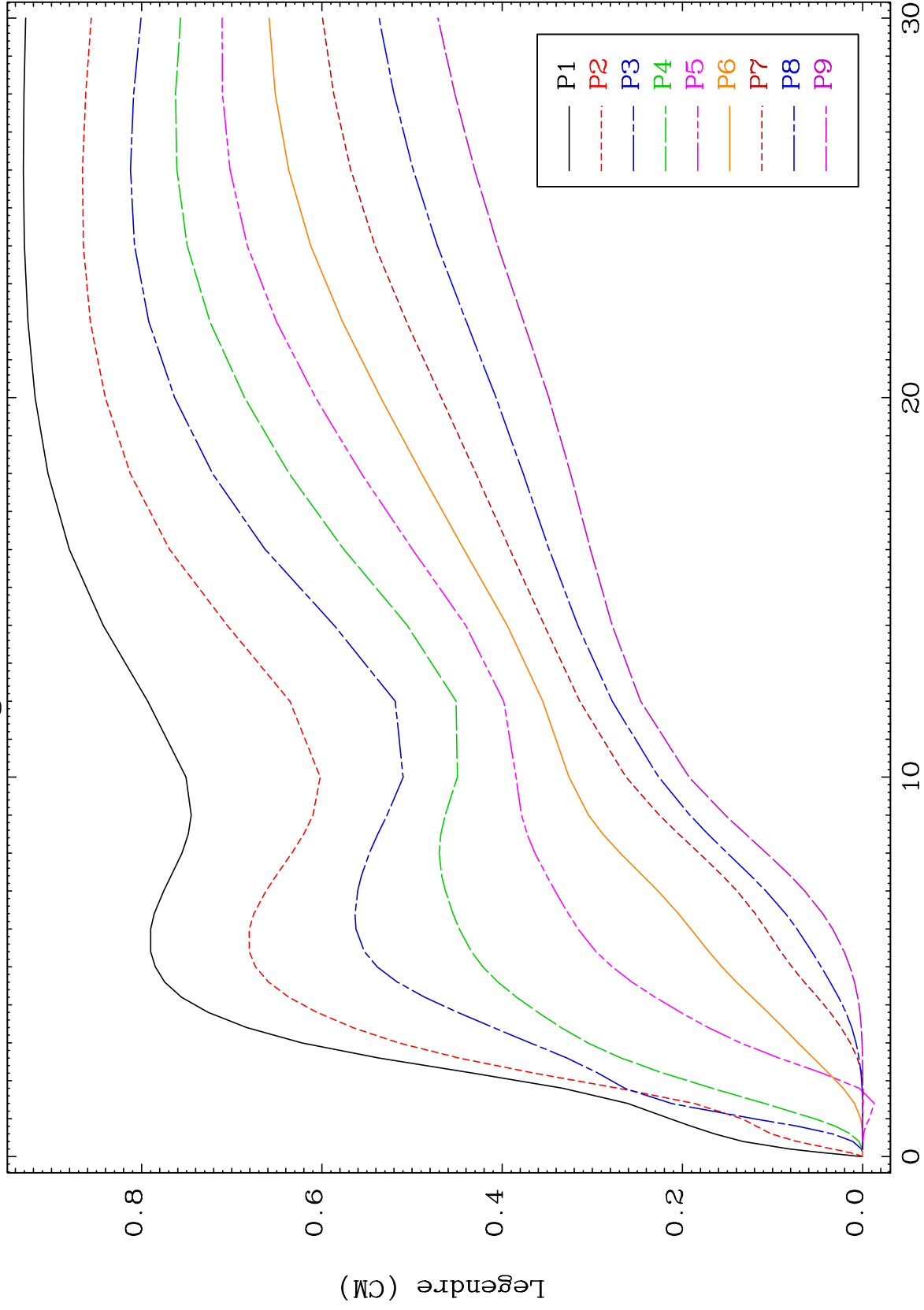




MAT 8425

Elastic Legendre Coefficients

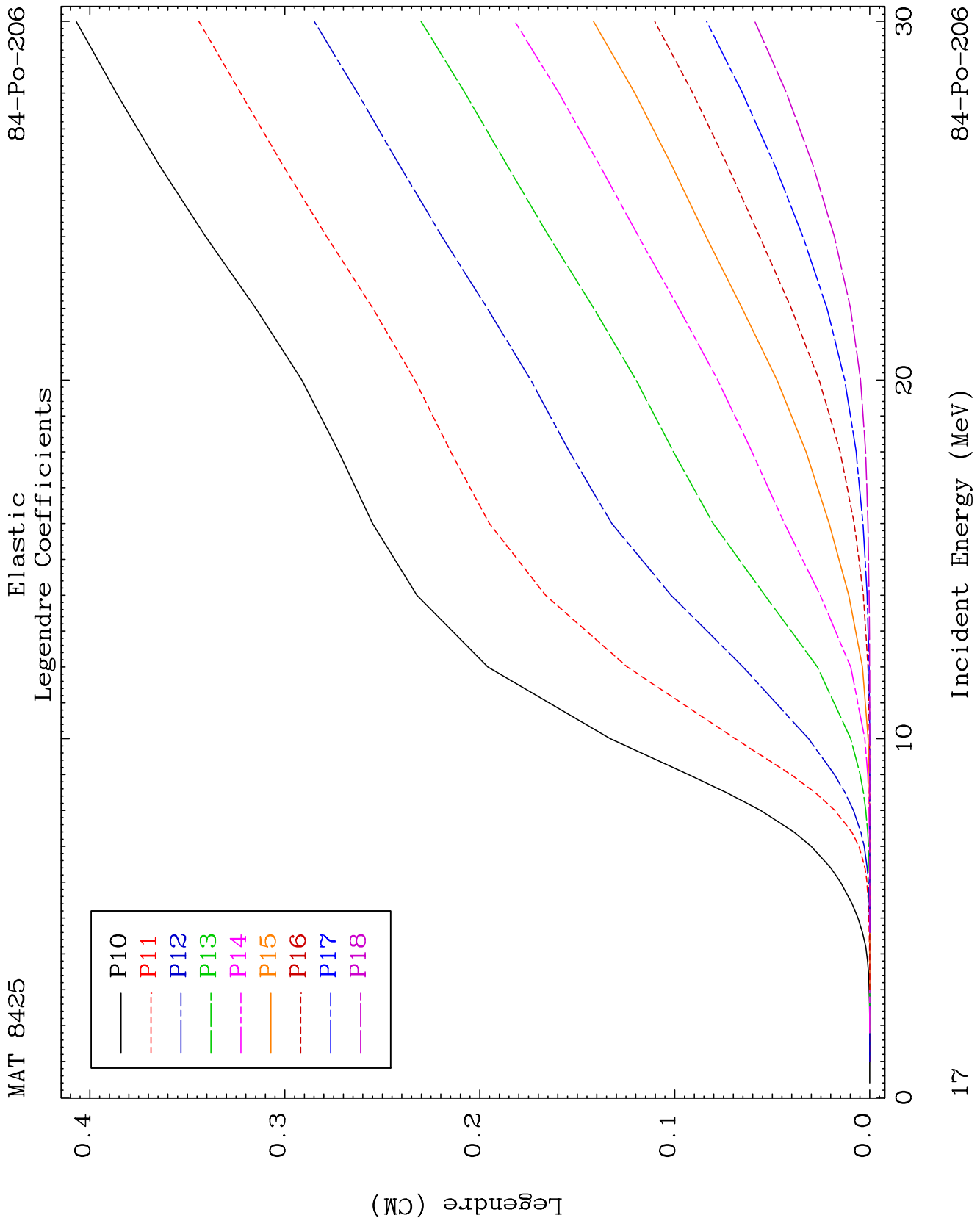
84-Po-206



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Incident Energy (MeV)

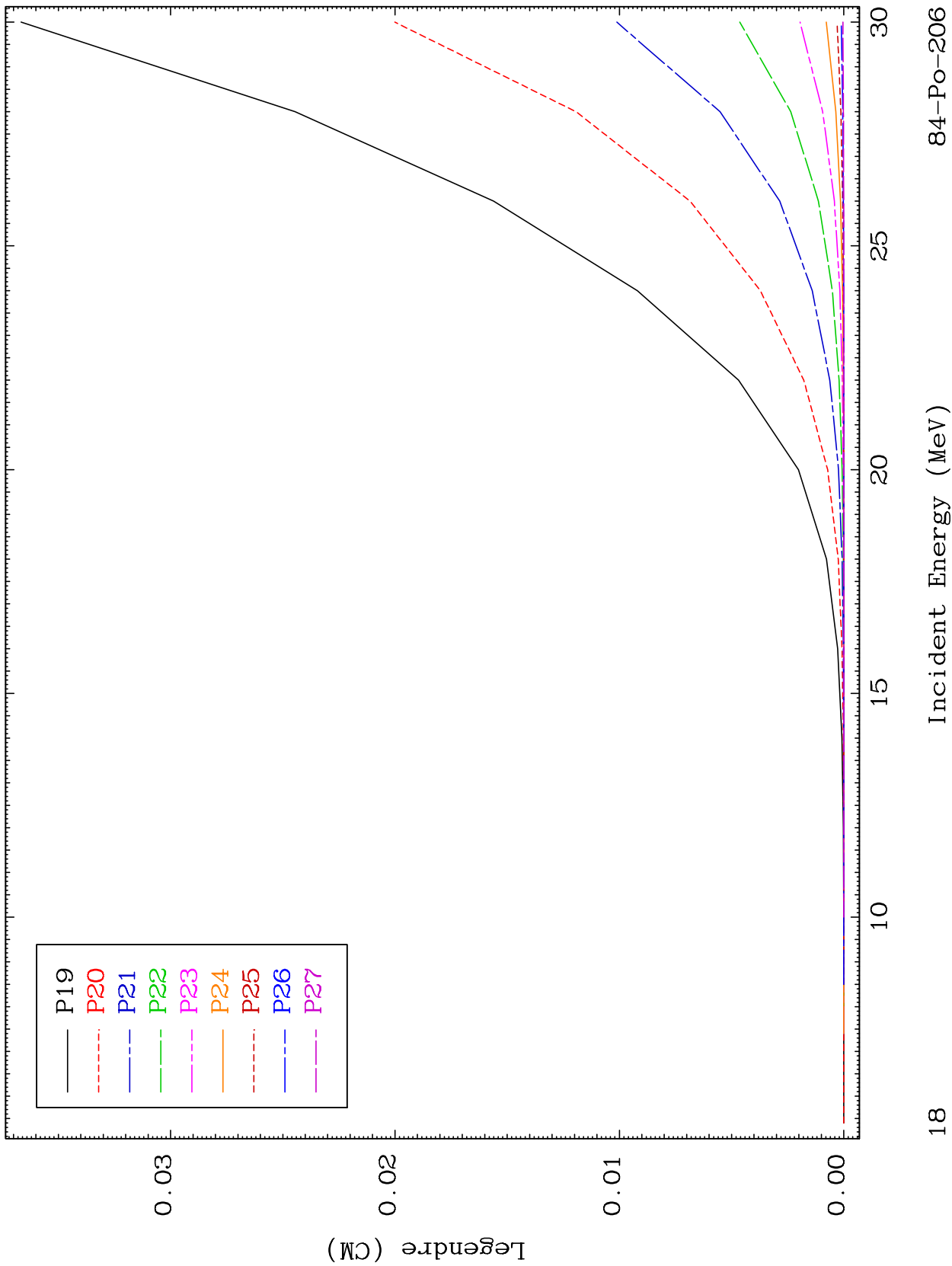
84-Po-206



MAT 8425

Elastic Legendre Coefficients

84-Po-206



18

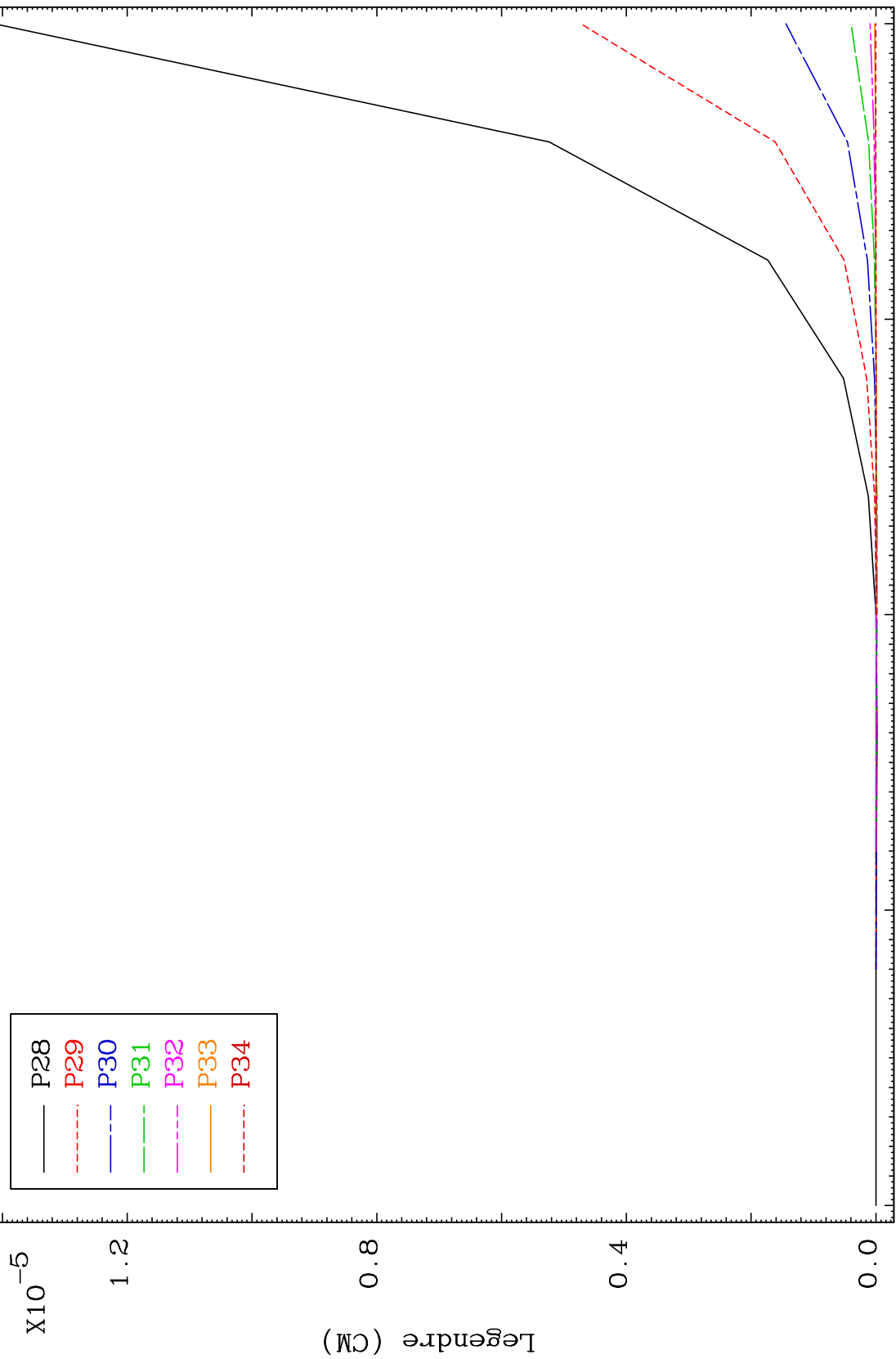
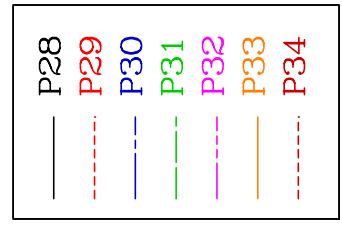
Incident Energy (MeV)

84-Po-206

MAT 8425

Elastic Legendre Coefficients

84-Po-206



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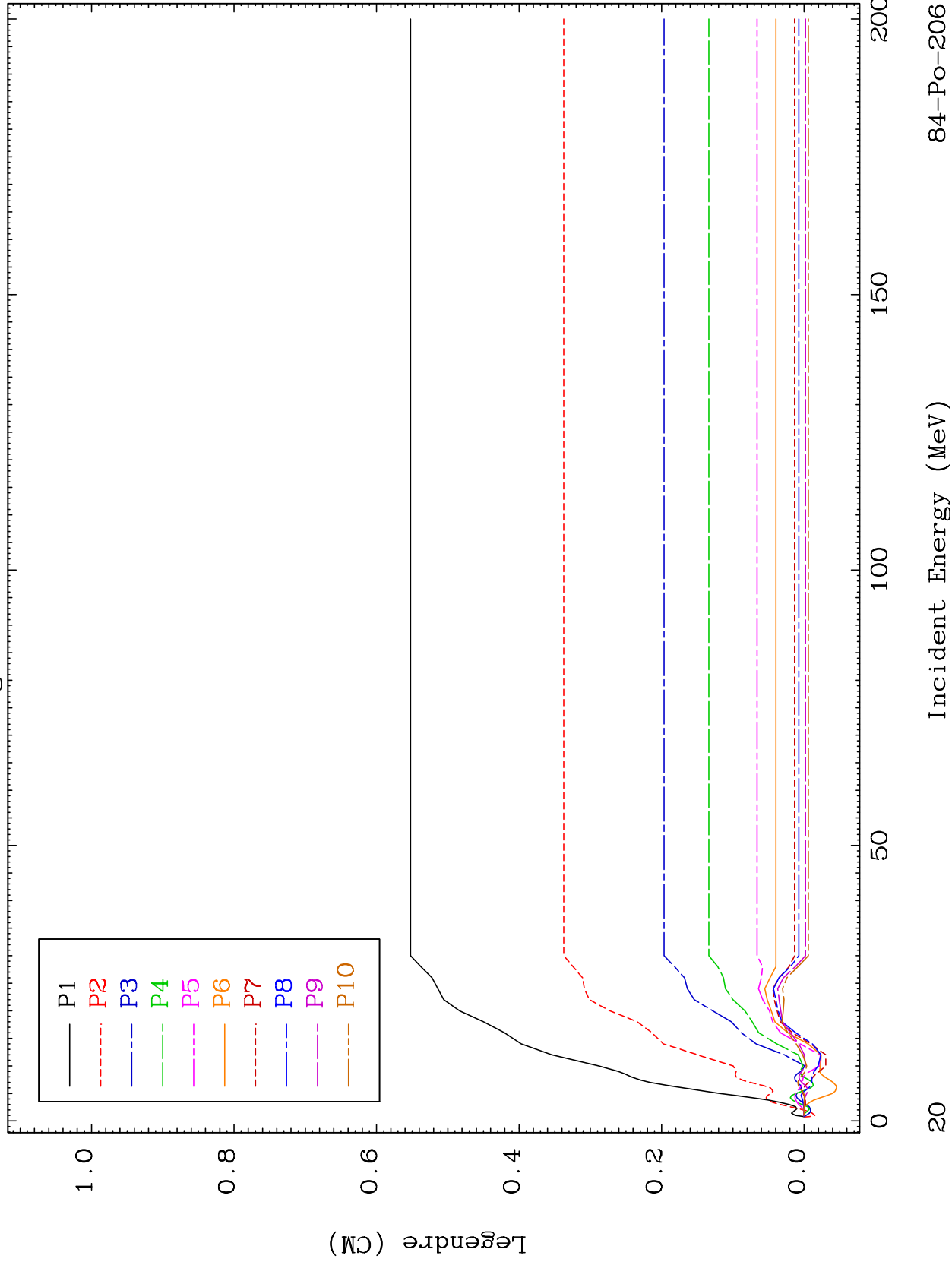
Incident Energy (MeV)

84-Po-206

MAT 8425

700.7 keV (n, n') Level
Legendre Coefficients

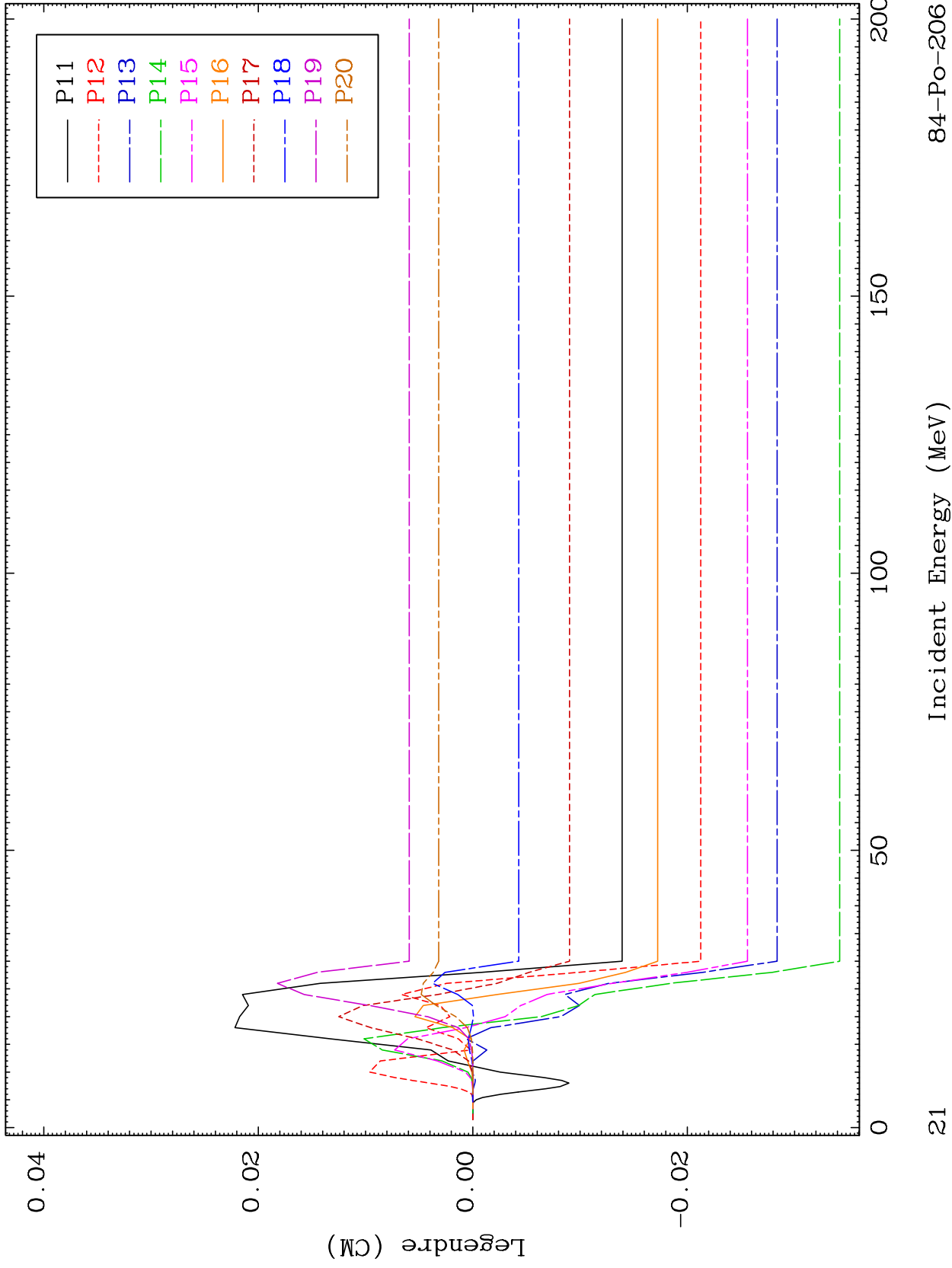
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MAT 8425

700.7 keV (n,n') Level
Legendre Coefficients

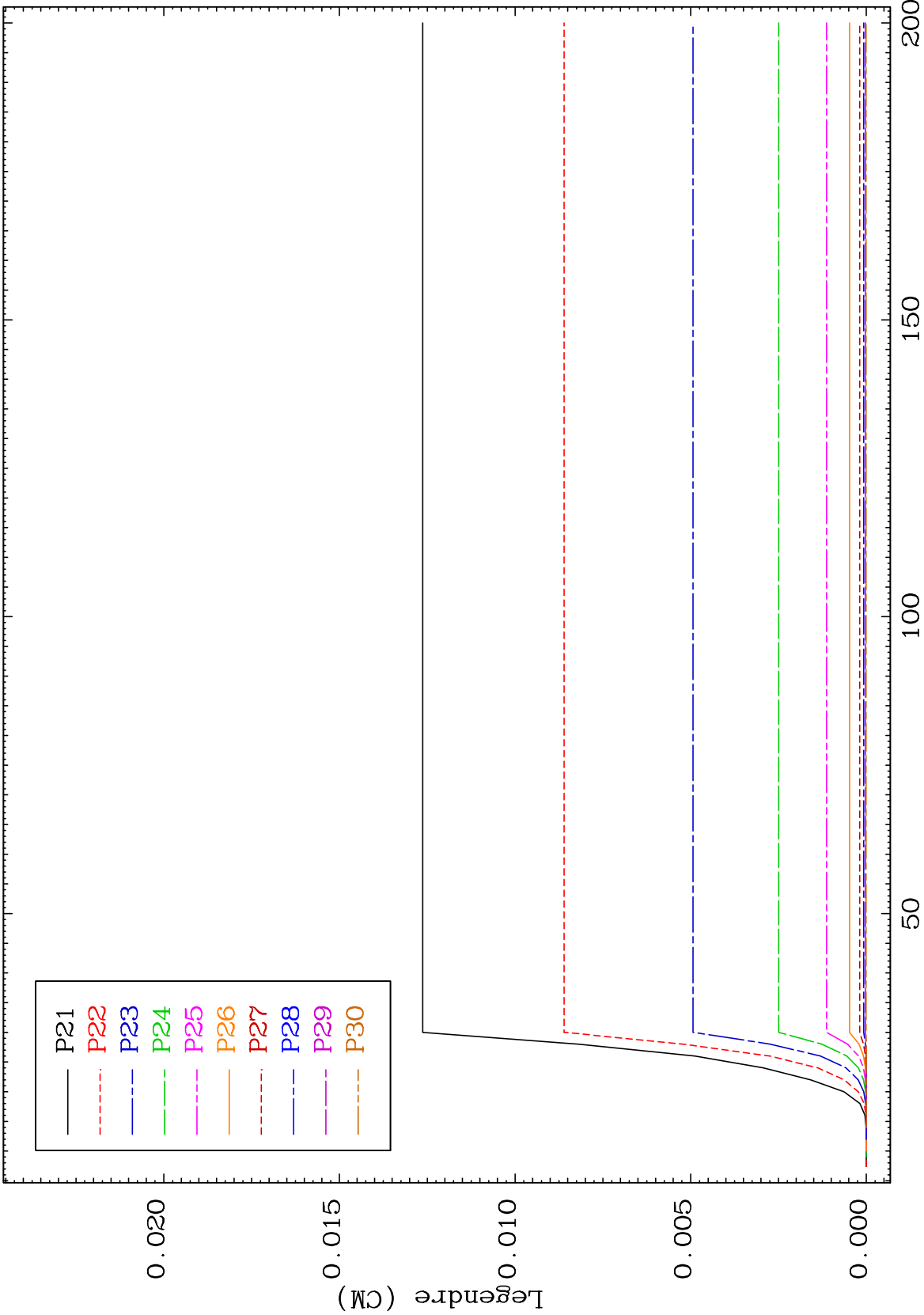
84-Po-206



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Incident Energy (MeV)

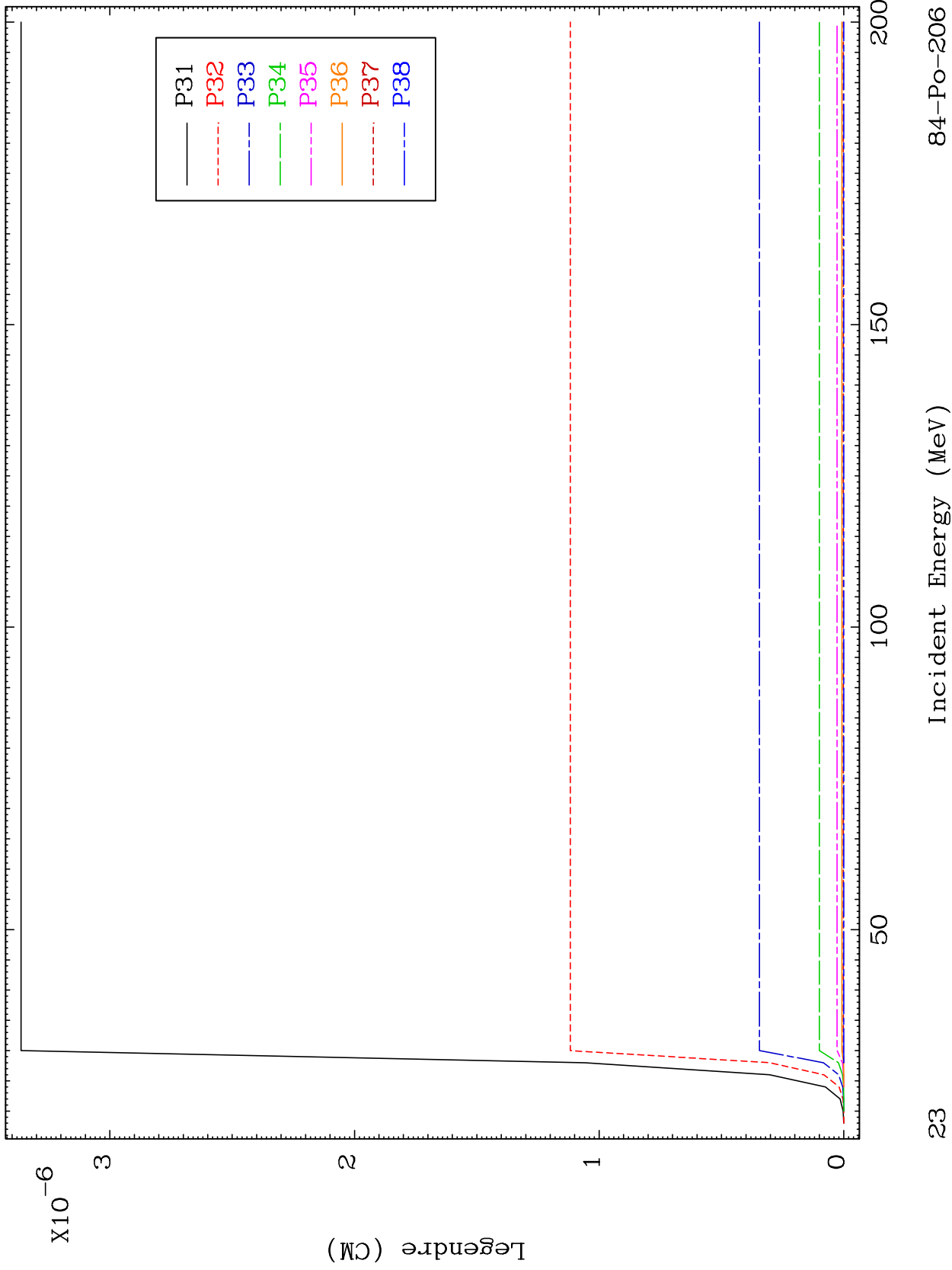
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MAT 8425

700.7 keV (n,n') Level
Legendre Coefficients

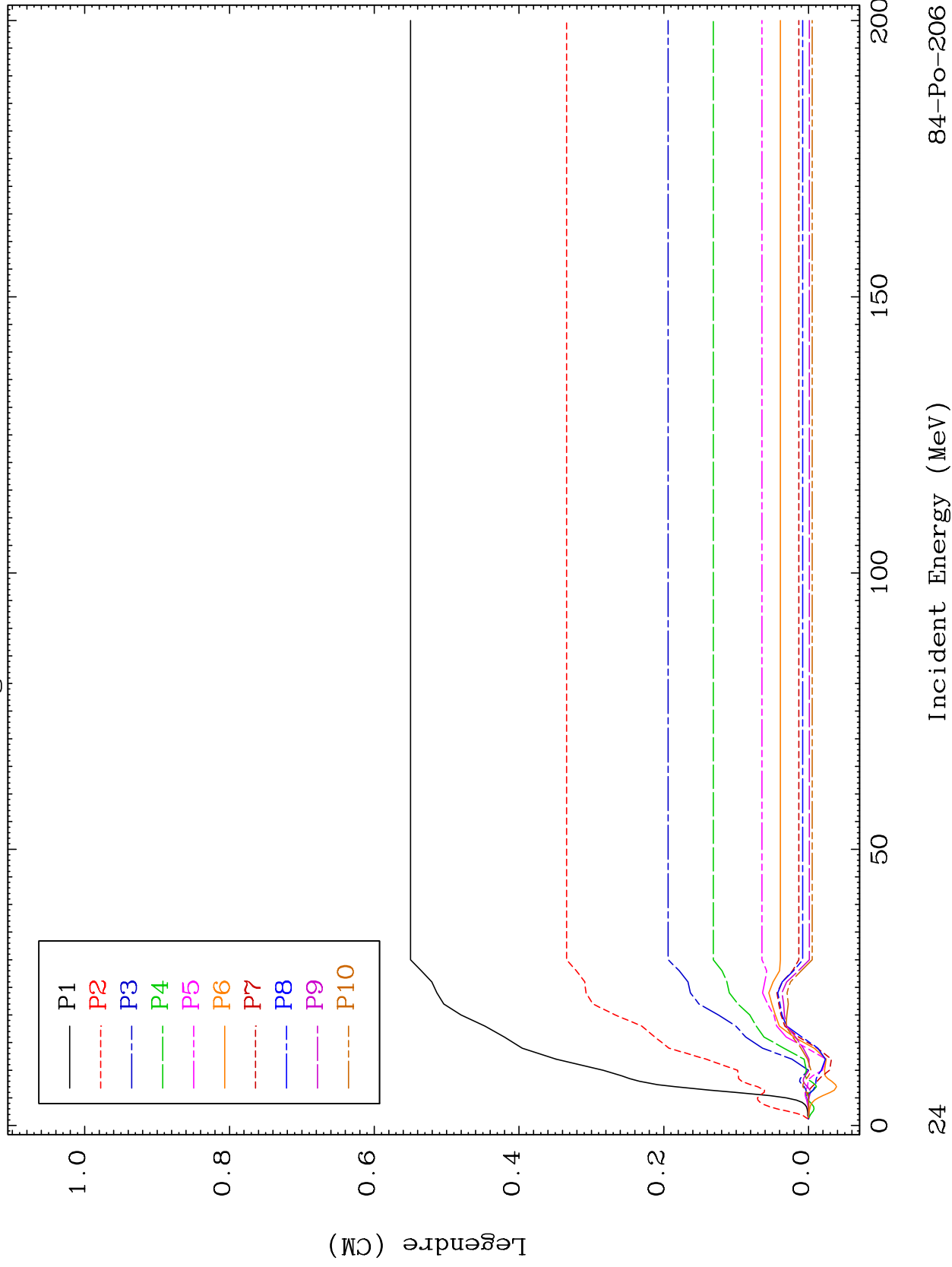
84-Po-206



MAT 8425

1.162 MeV (n, n') Level
Legendre Coefficients

84-Po-206



84-Po-206

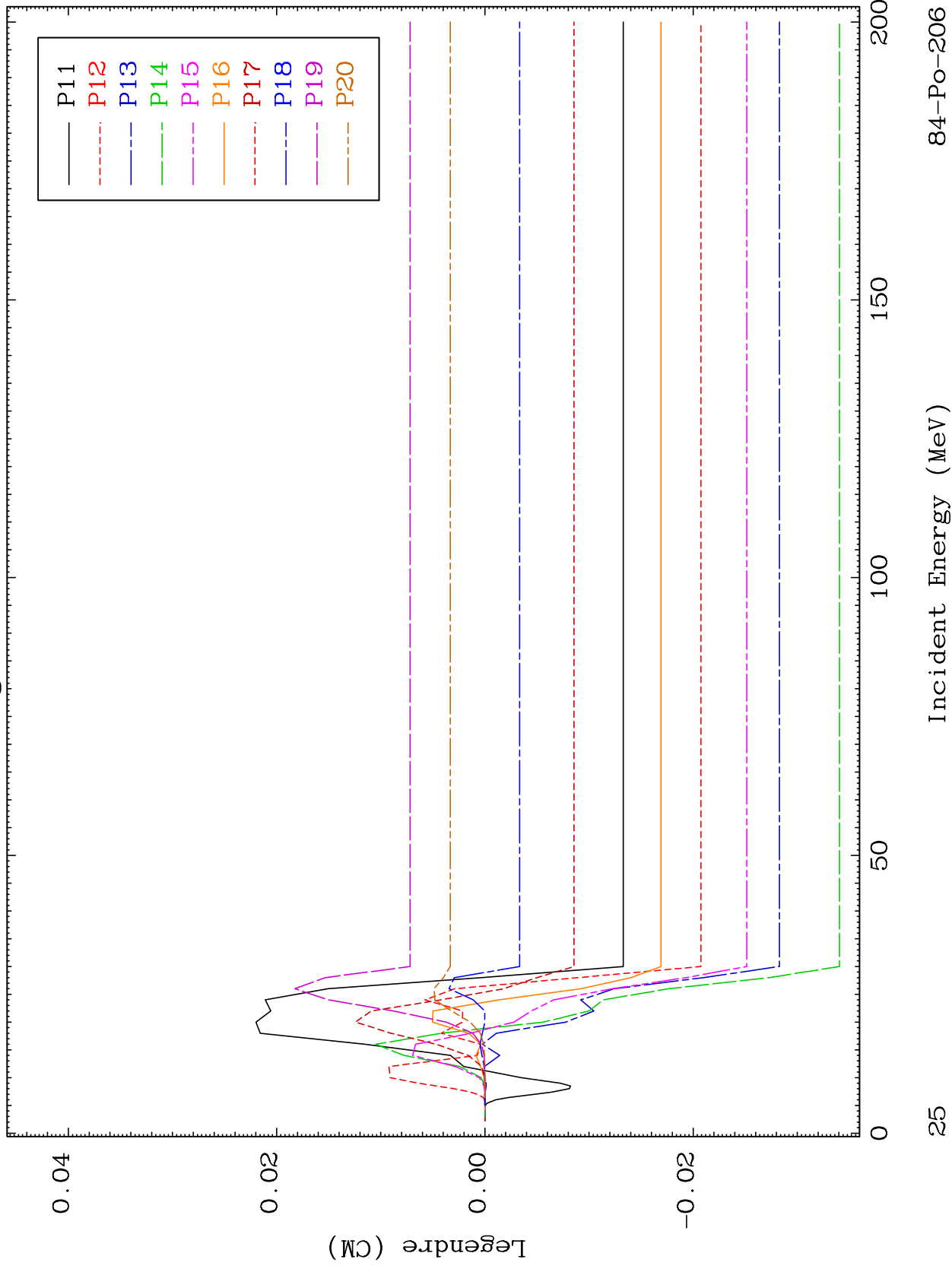
Incident Energy (MeV)

24

MAT 8425

1.162 MeV (n,n') Level
Legendre Coefficients

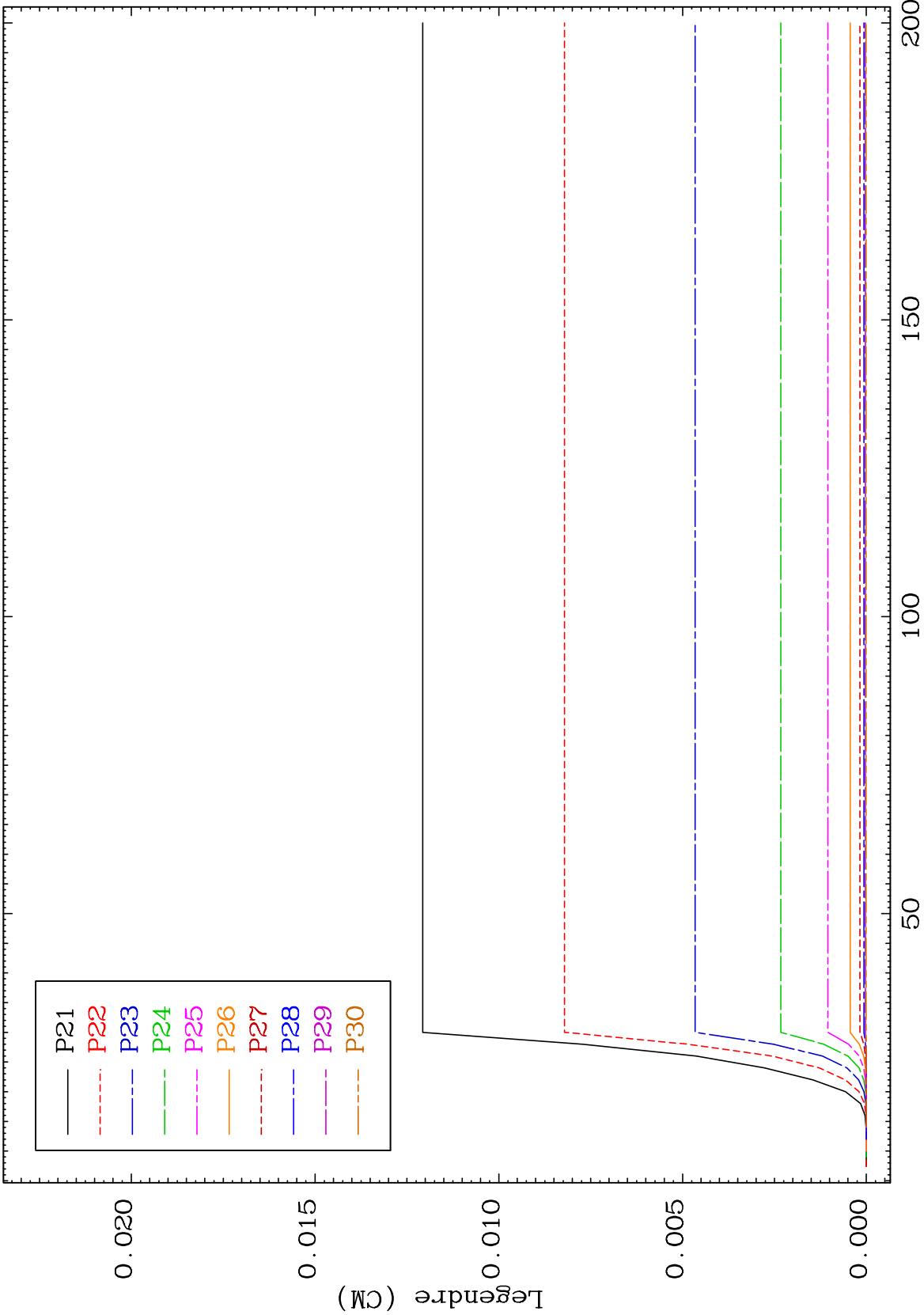
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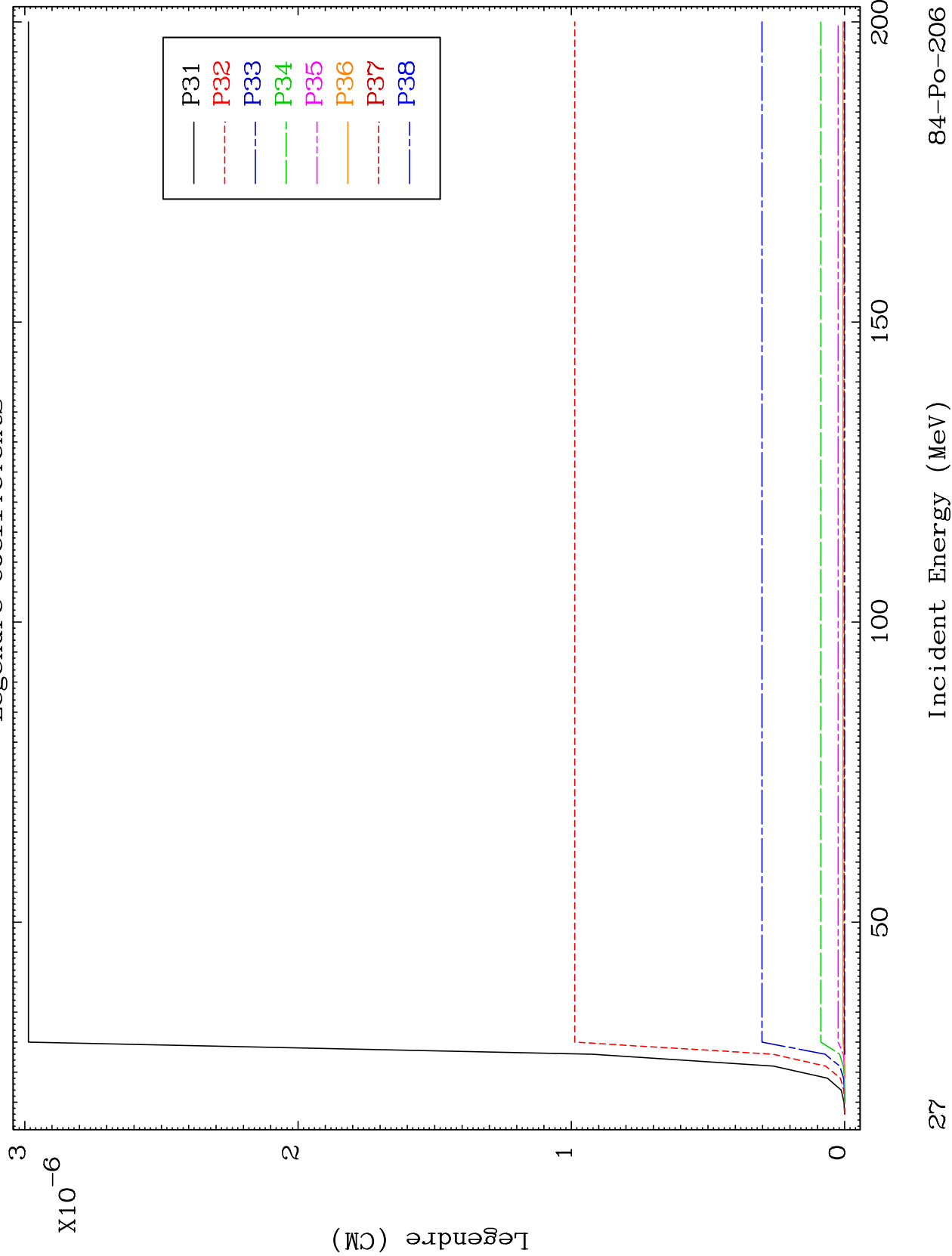


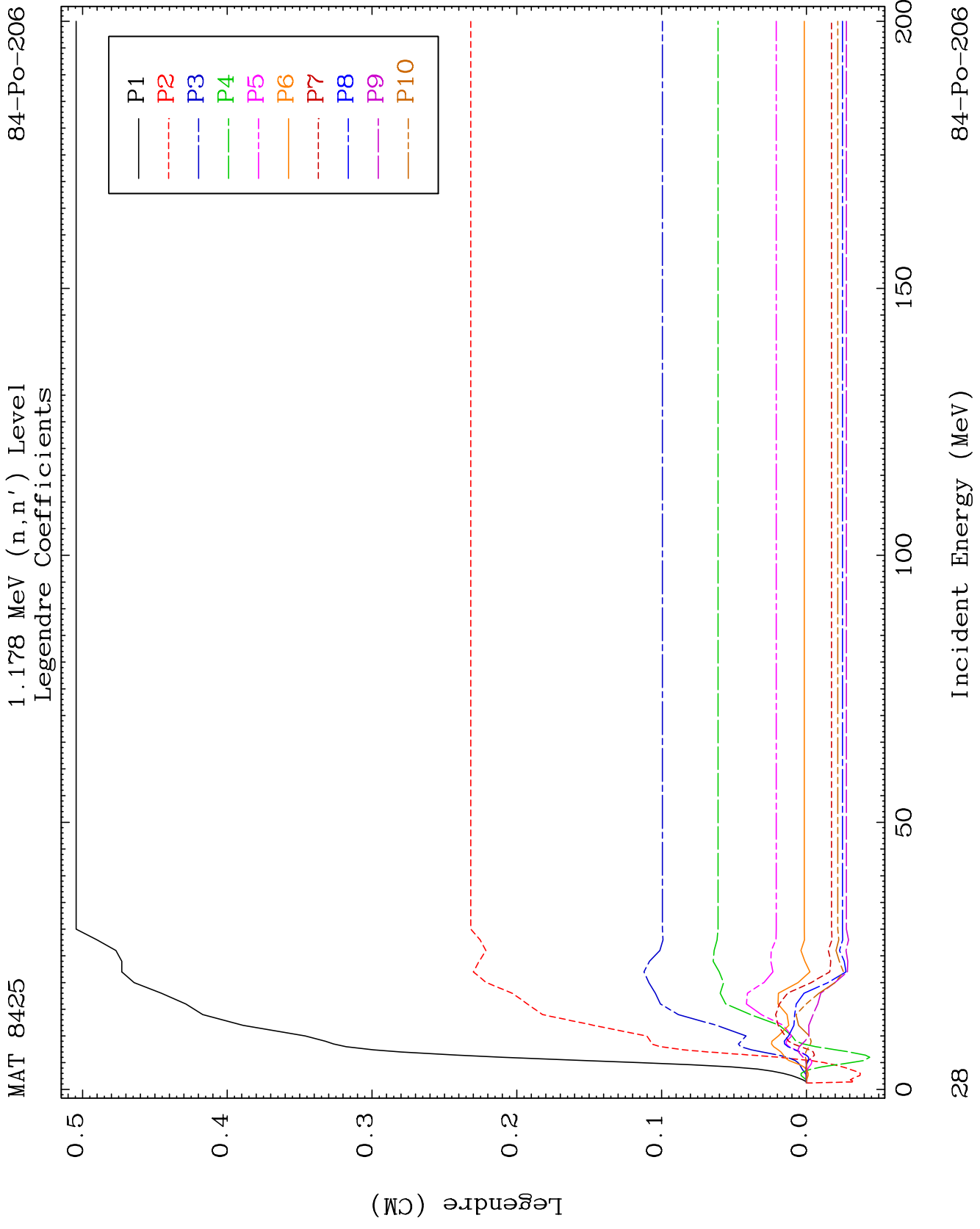
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Incident Energy (MeV)

25



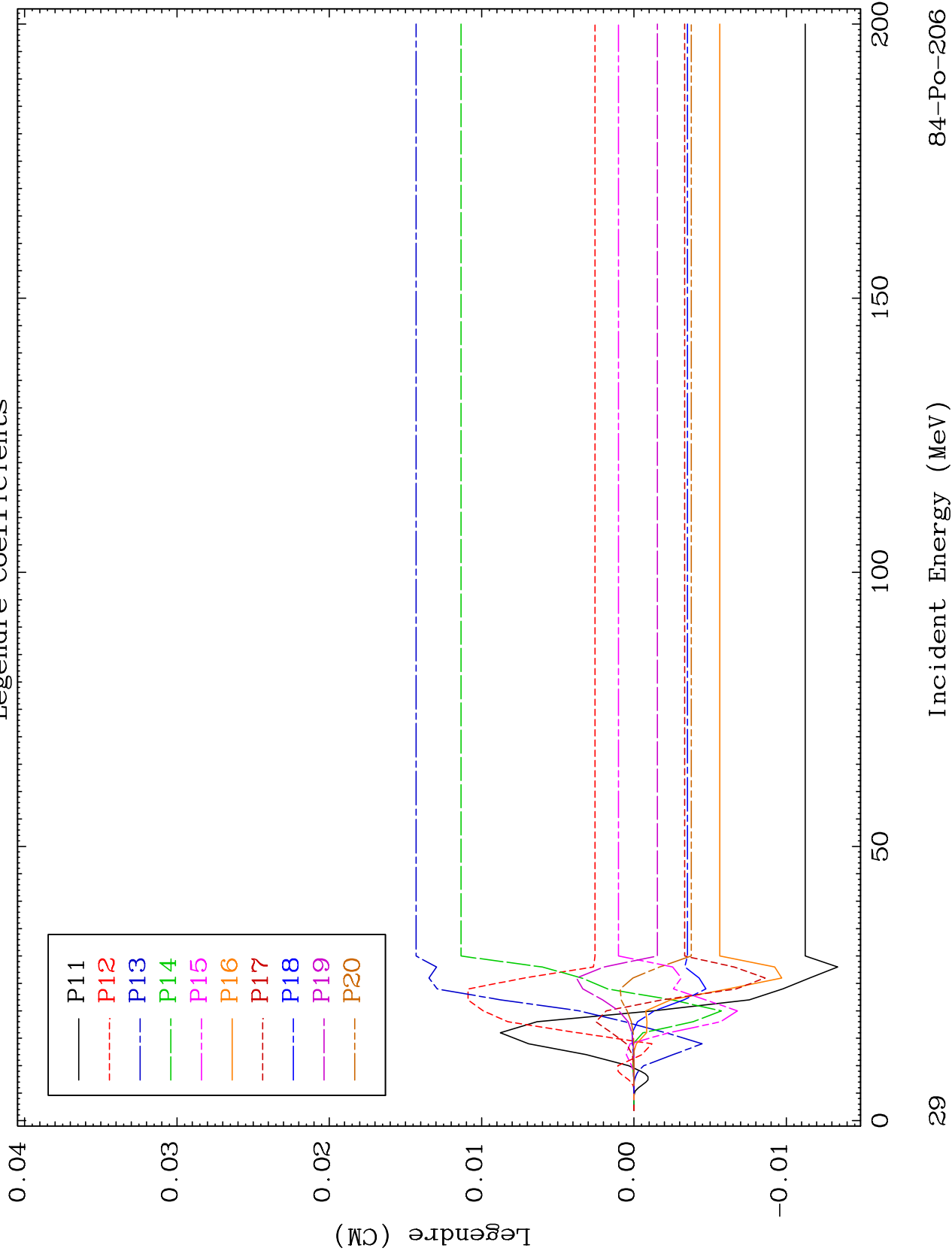




MAT 8425

1.178 MeV (n, n') Level
Legendre Coefficients

84-Po-206



29

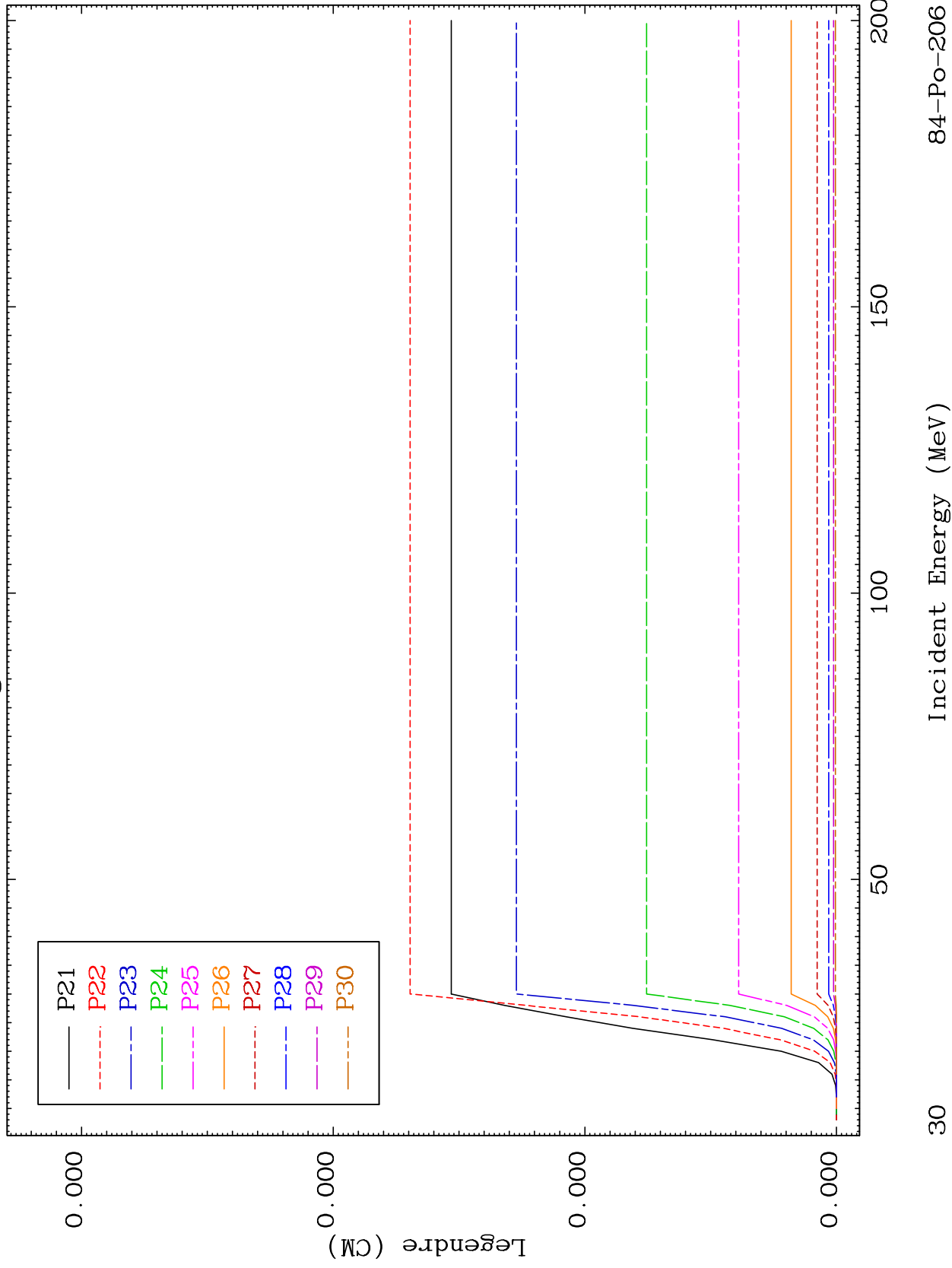
Incident Energy (MeV)

84-Po-206

MAT 8425

1.178 MeV (n,n') Level
Legendre Coefficients

84-Po-206



30

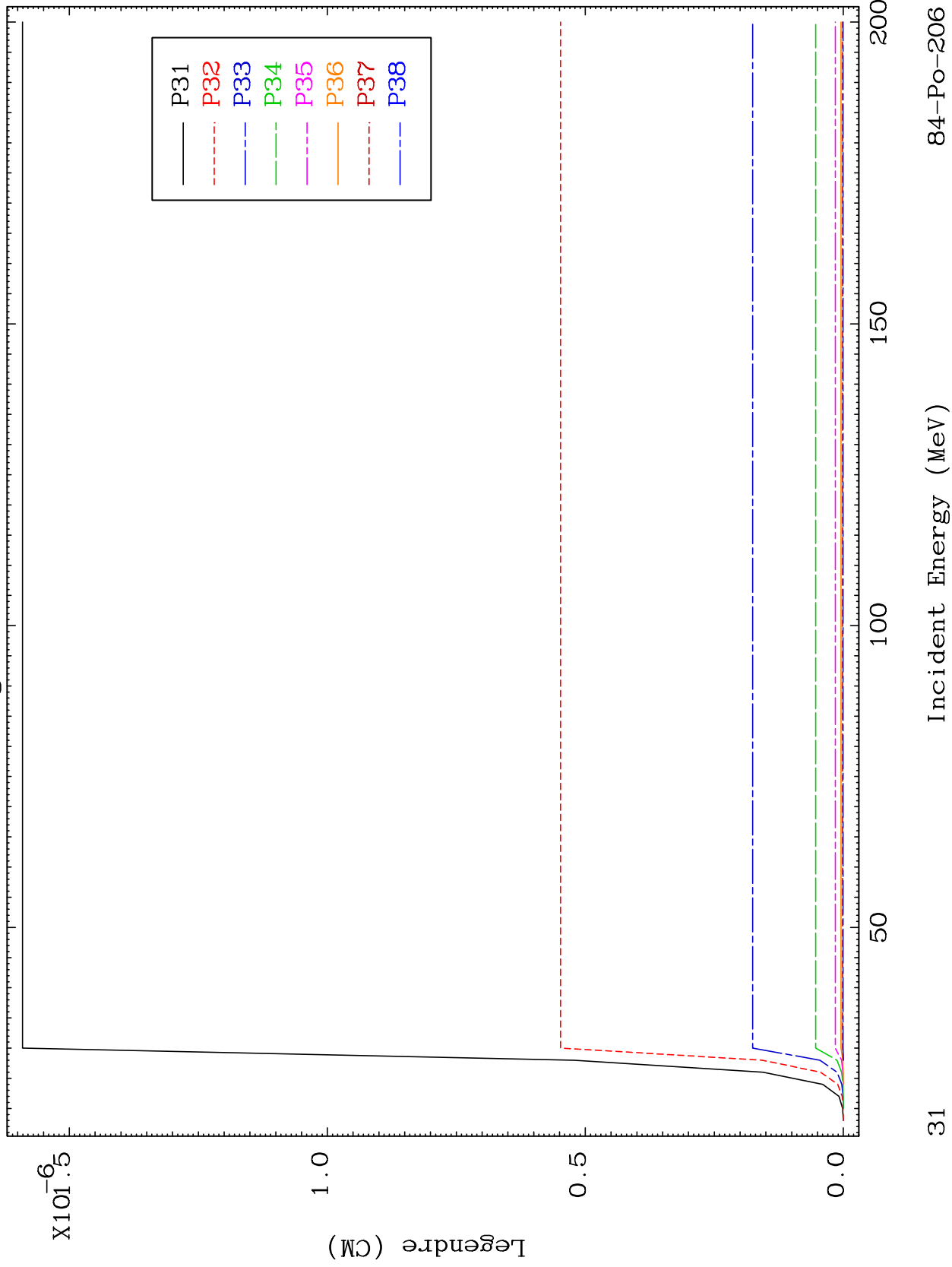
Incident Energy (MeV)

84-Po-206

MAT 8425

1.178 MeV (n, n') Level
Legendre Coefficients

84-Po-206

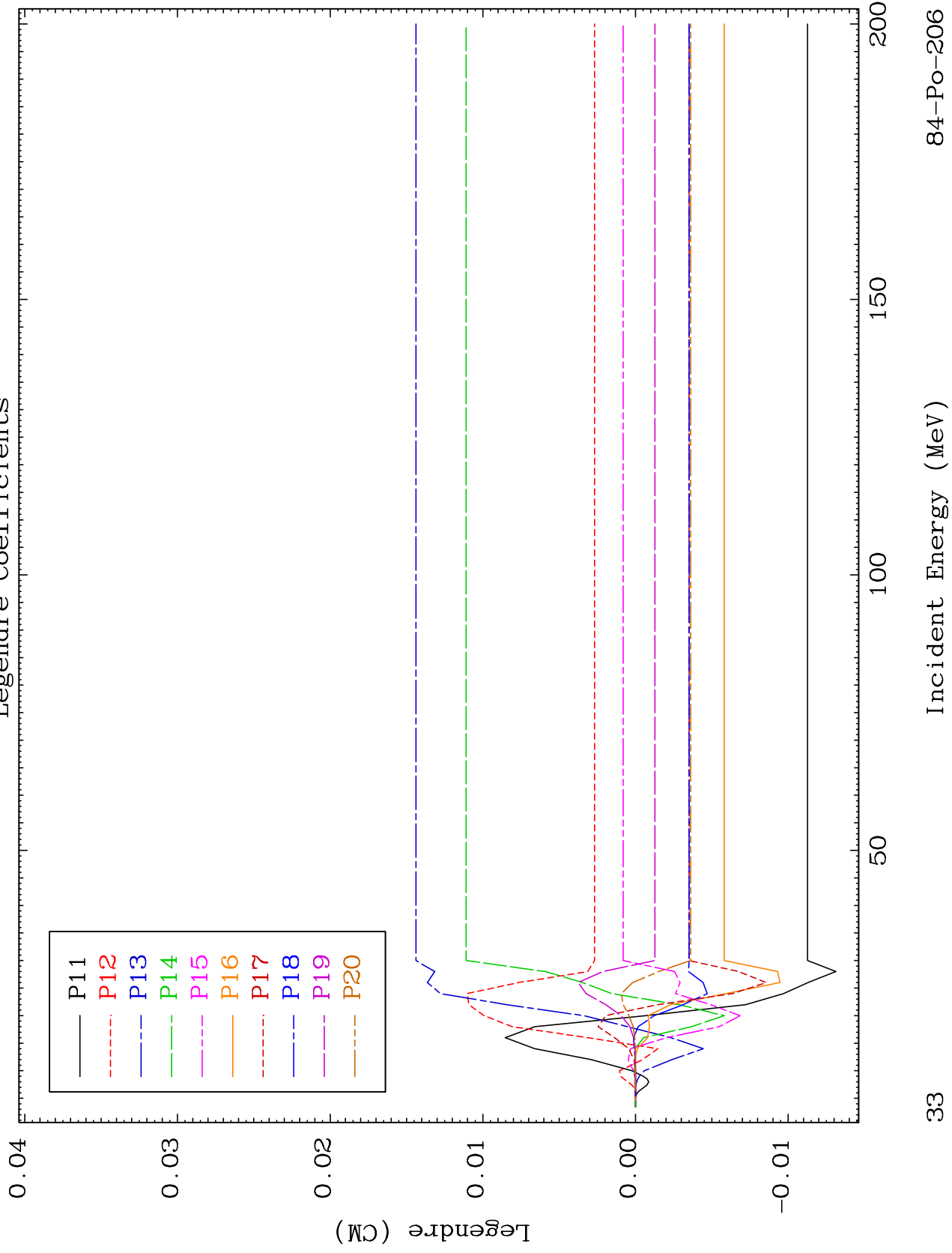


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MAT 8425

1.434 MeV (n,n') Level
Legendre Coefficients

84-Po-206



84-Po-206

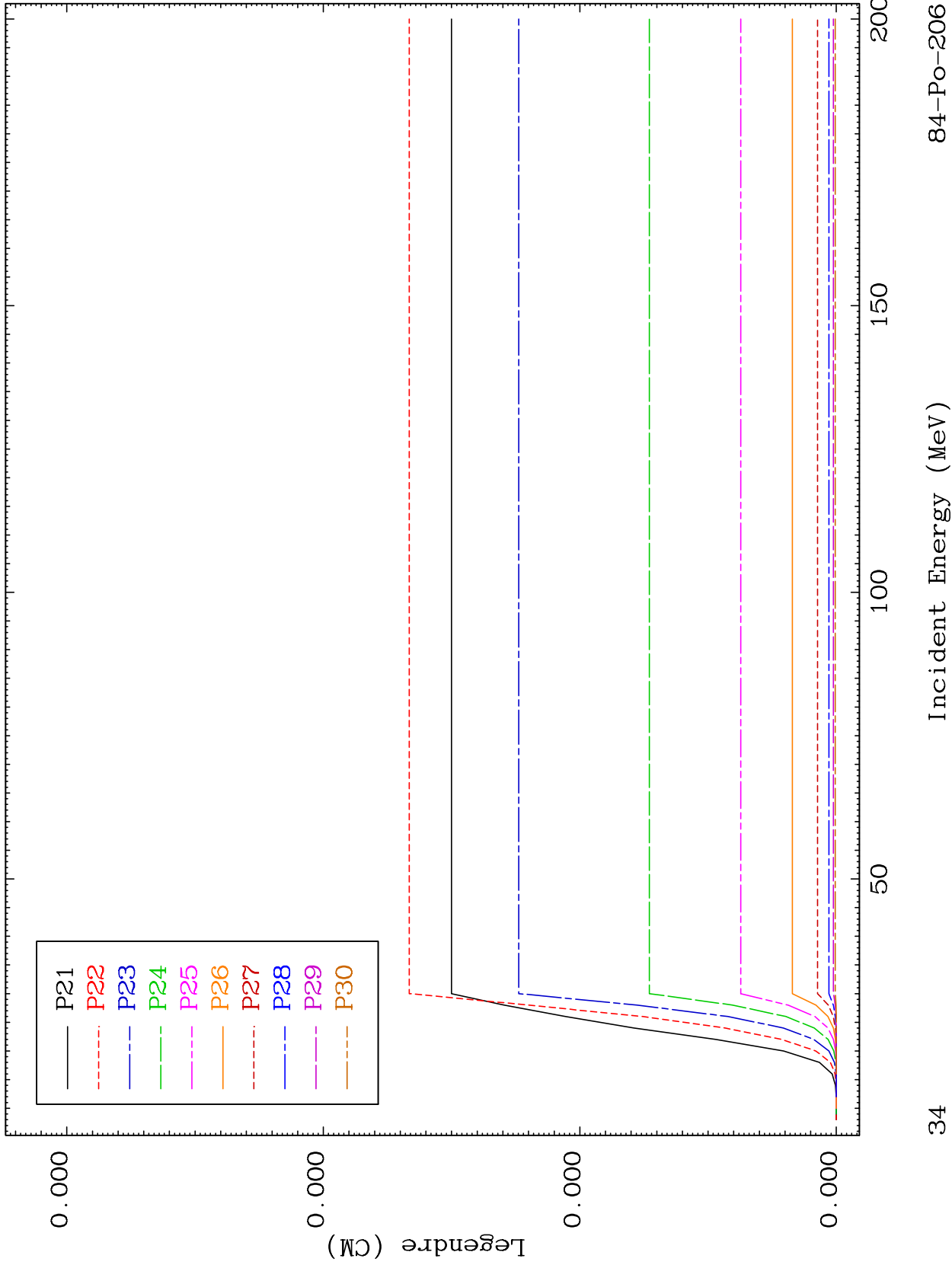
Incident Energy (MeV)

33

MAT 8425

1.434 MeV (n,n') Level
Legendre Coefficients

84-Po-206



34

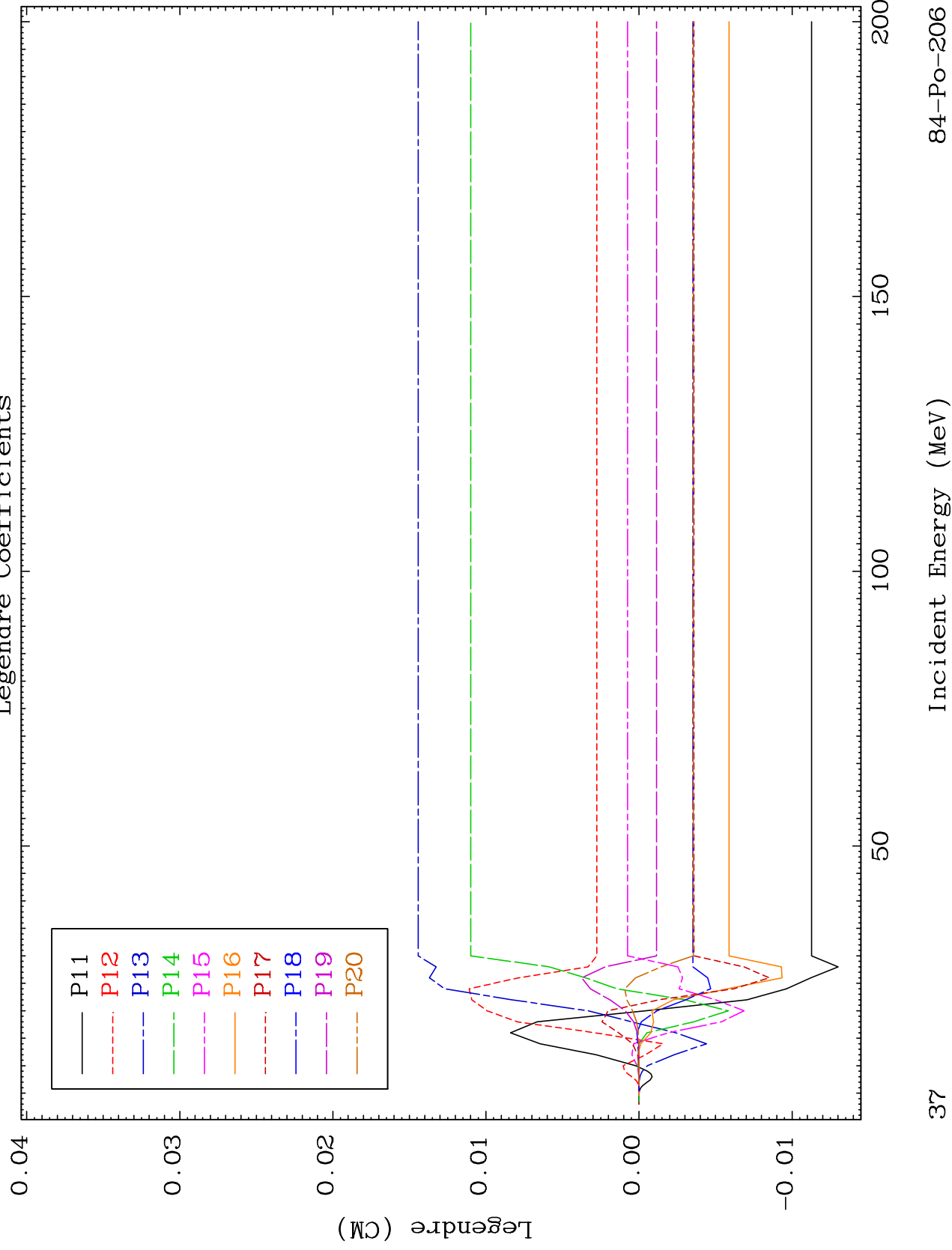
Incident Energy (MeV)

84-Po-206

MAT 8425

1.546 MeV (n, n') Level
Legendre Coefficients

84-Po-206



37

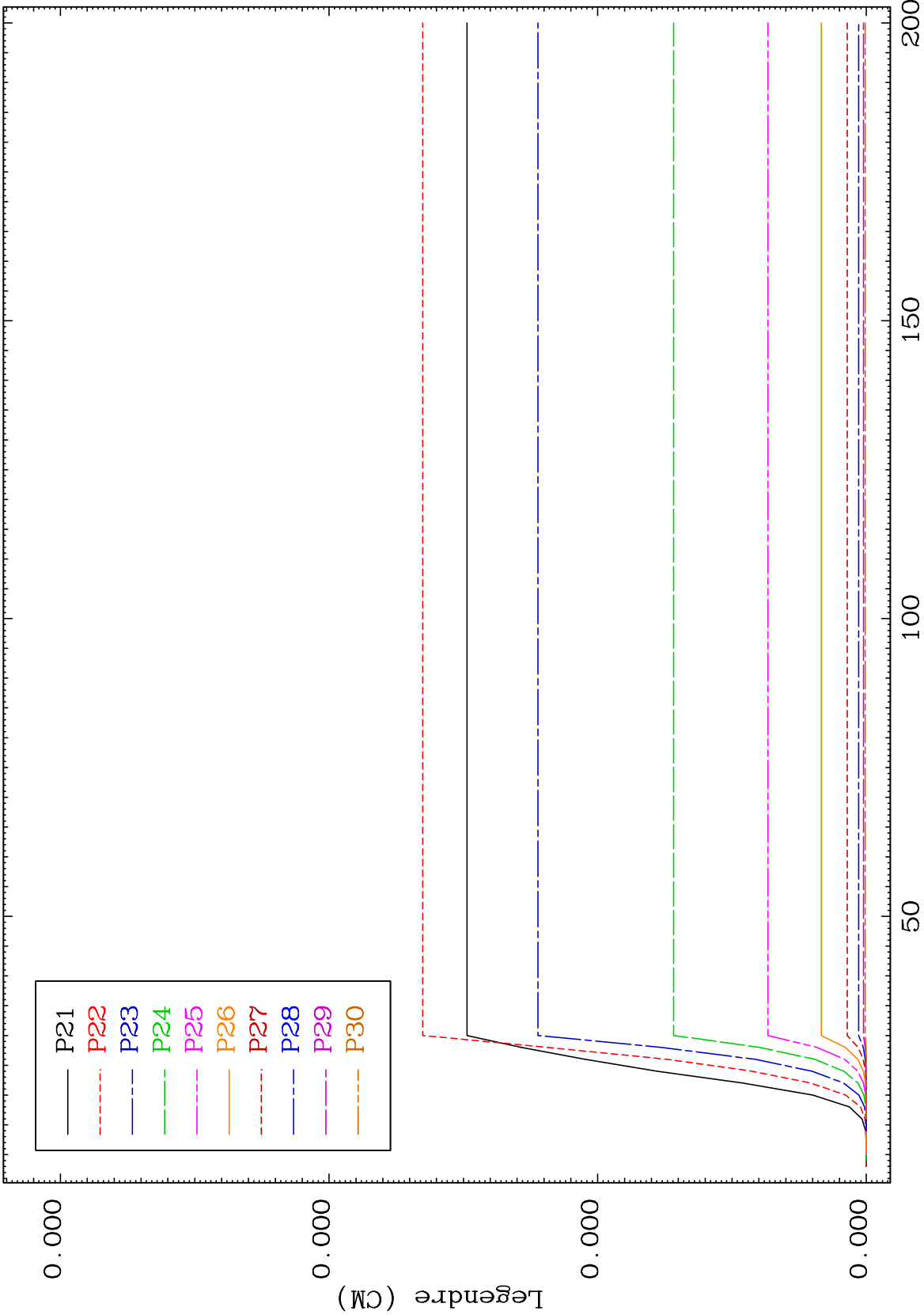
84-Po-206

Incident Energy (MeV)

MAT 8425

1.546 MeV (n,n') Level Legendre Coefficients

84-Po-206



38

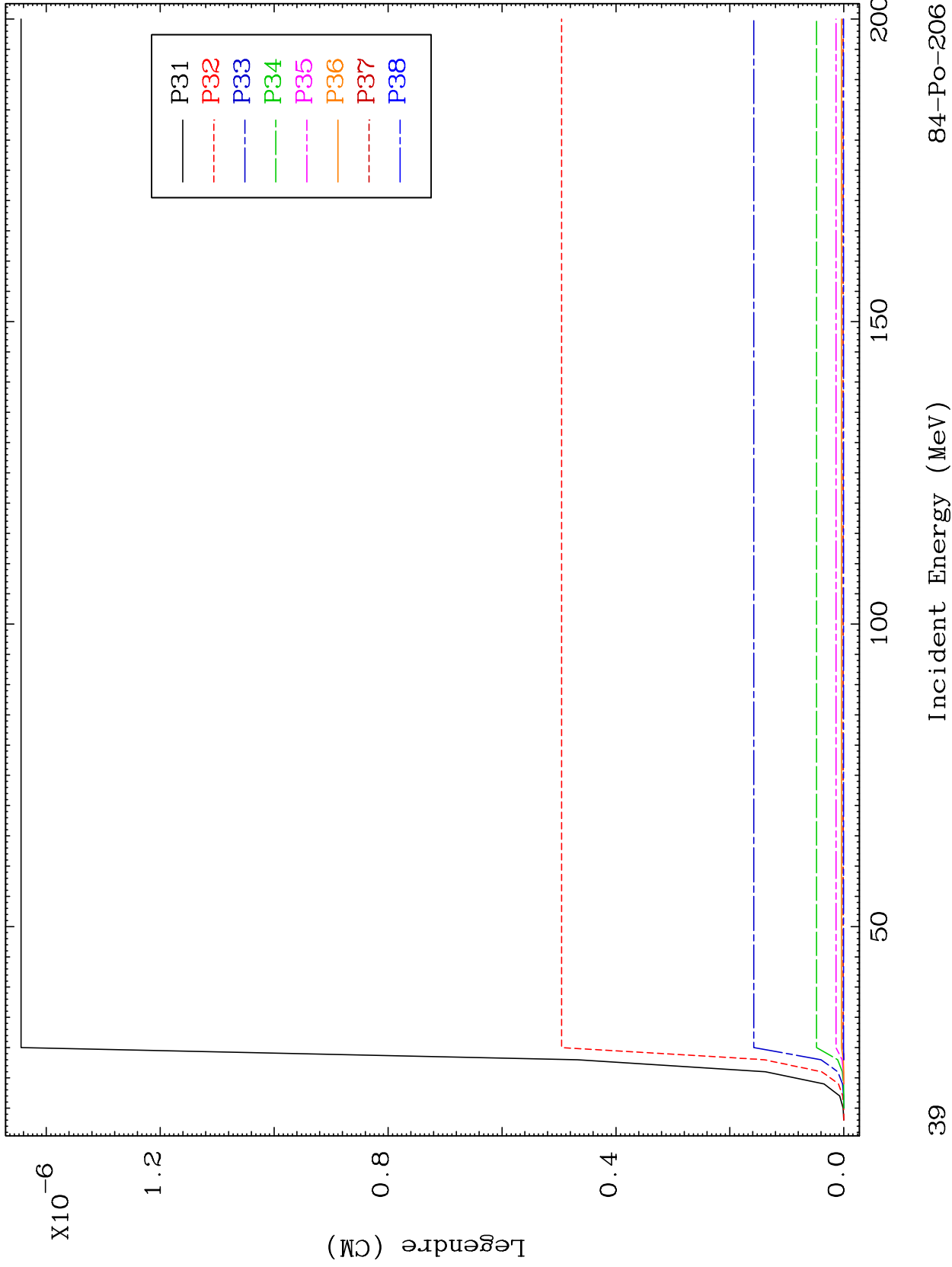
Incident Energy (MeV)

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MAT 8425

1.546 MeV (n, n') Level
Legendre Coefficients

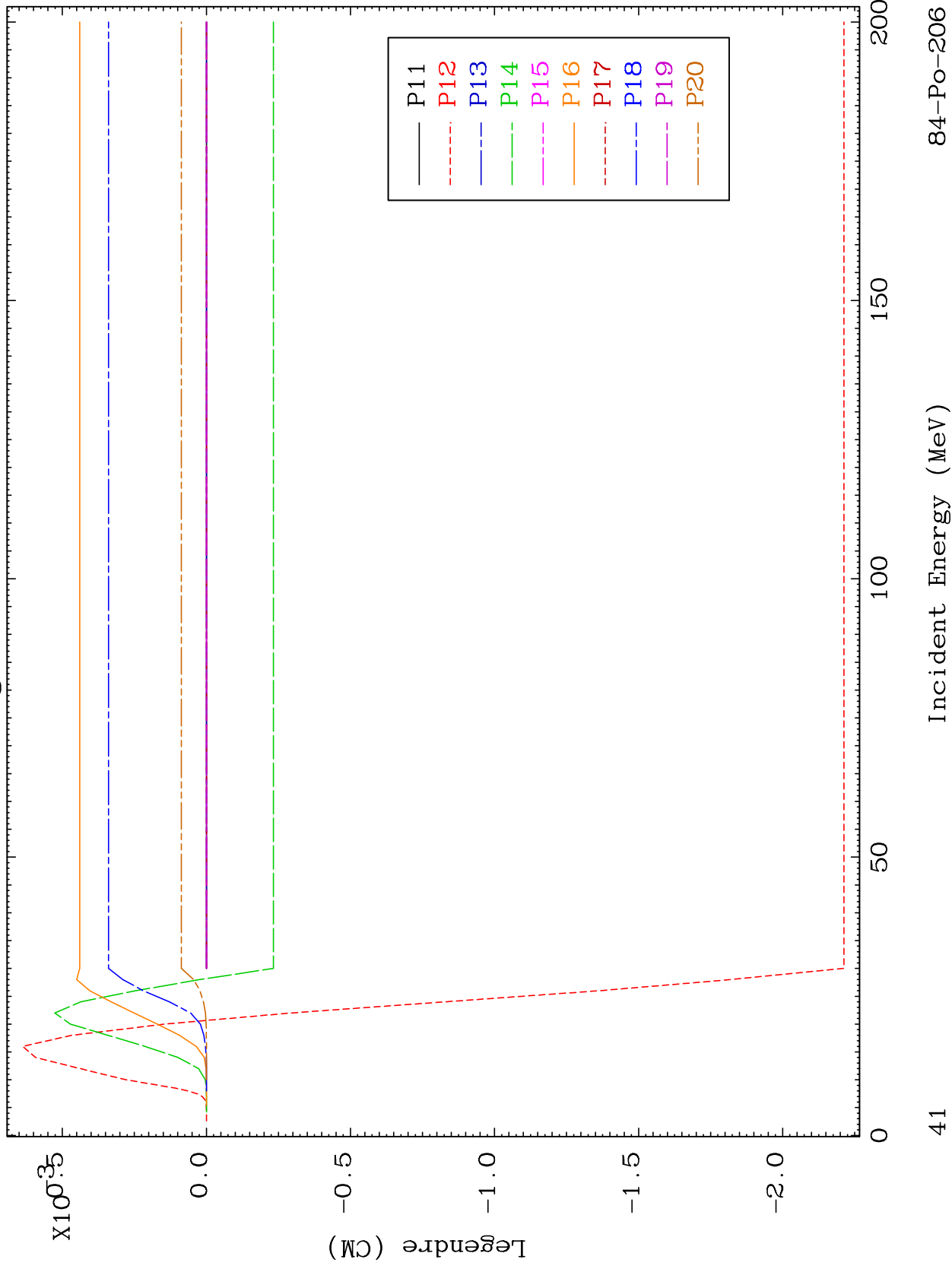
84-Po-206



MAT 8425

1.565 MeV (n, n') Level
Legendre Coefficients

84-Po-206



41

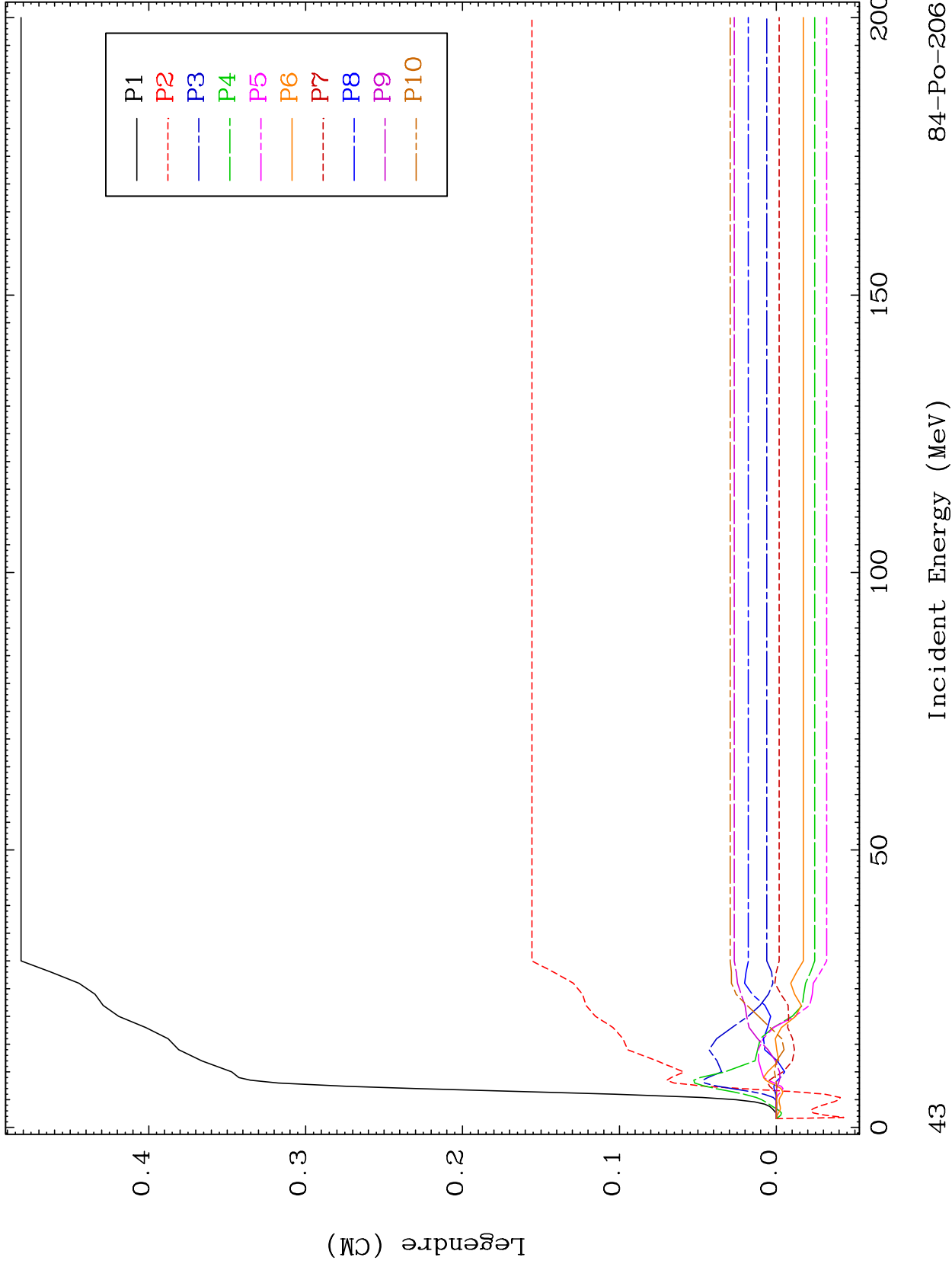
Incident Energy (MeV)

84-Po-206

MAT 8425

1.573 MeV (n,n') Level
Legendre Coefficients

84-Po-206



84-Po-206

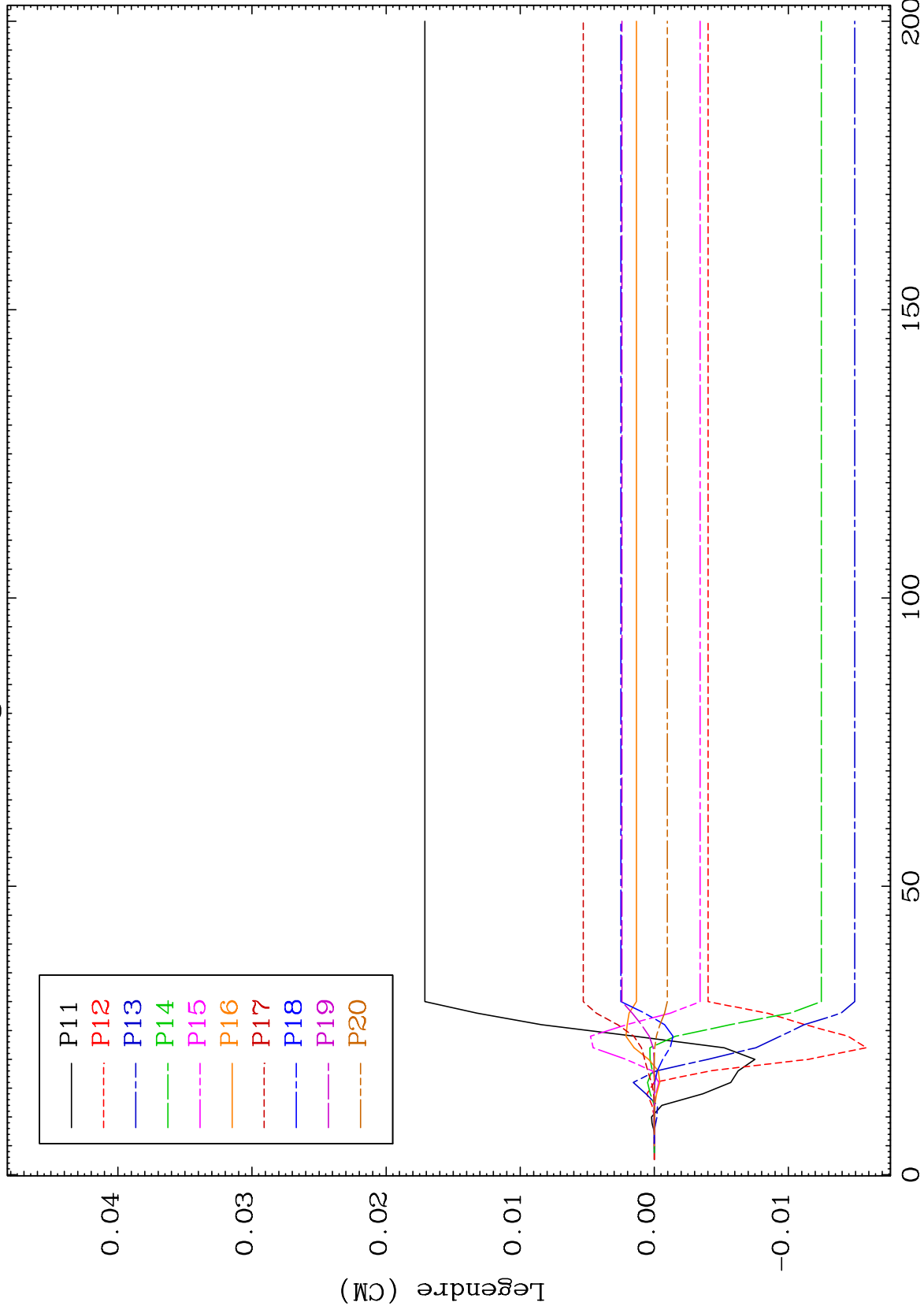
Incident Energy (MeV)

43

MAT 8425

1.573 MeV (n, n') Level
Legendre Coefficients

84-Po-206



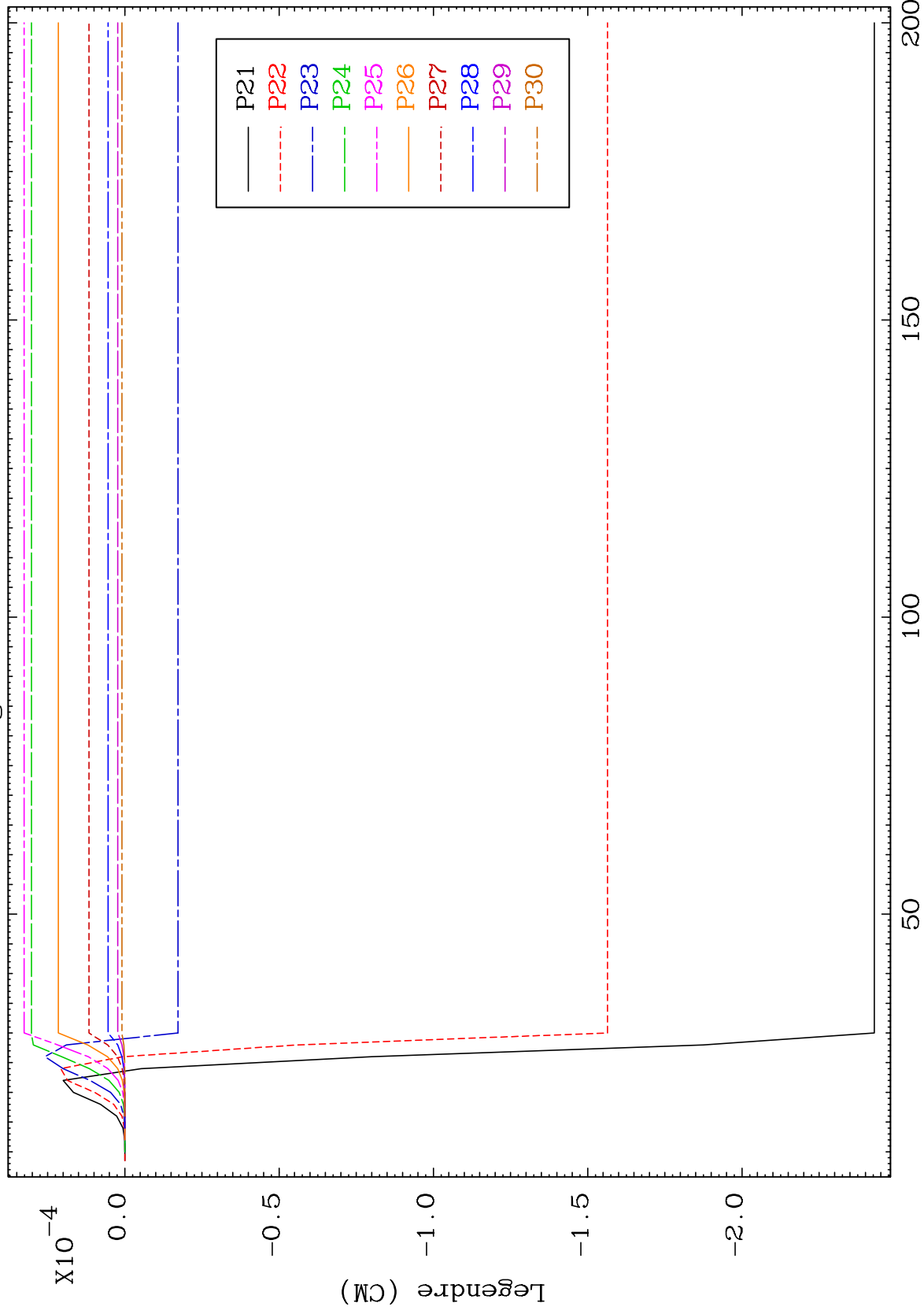
44

84-Po-206

MAT 8425

1.573 MeV (n, n') Level
Legendre Coefficients

84-Po-206



45

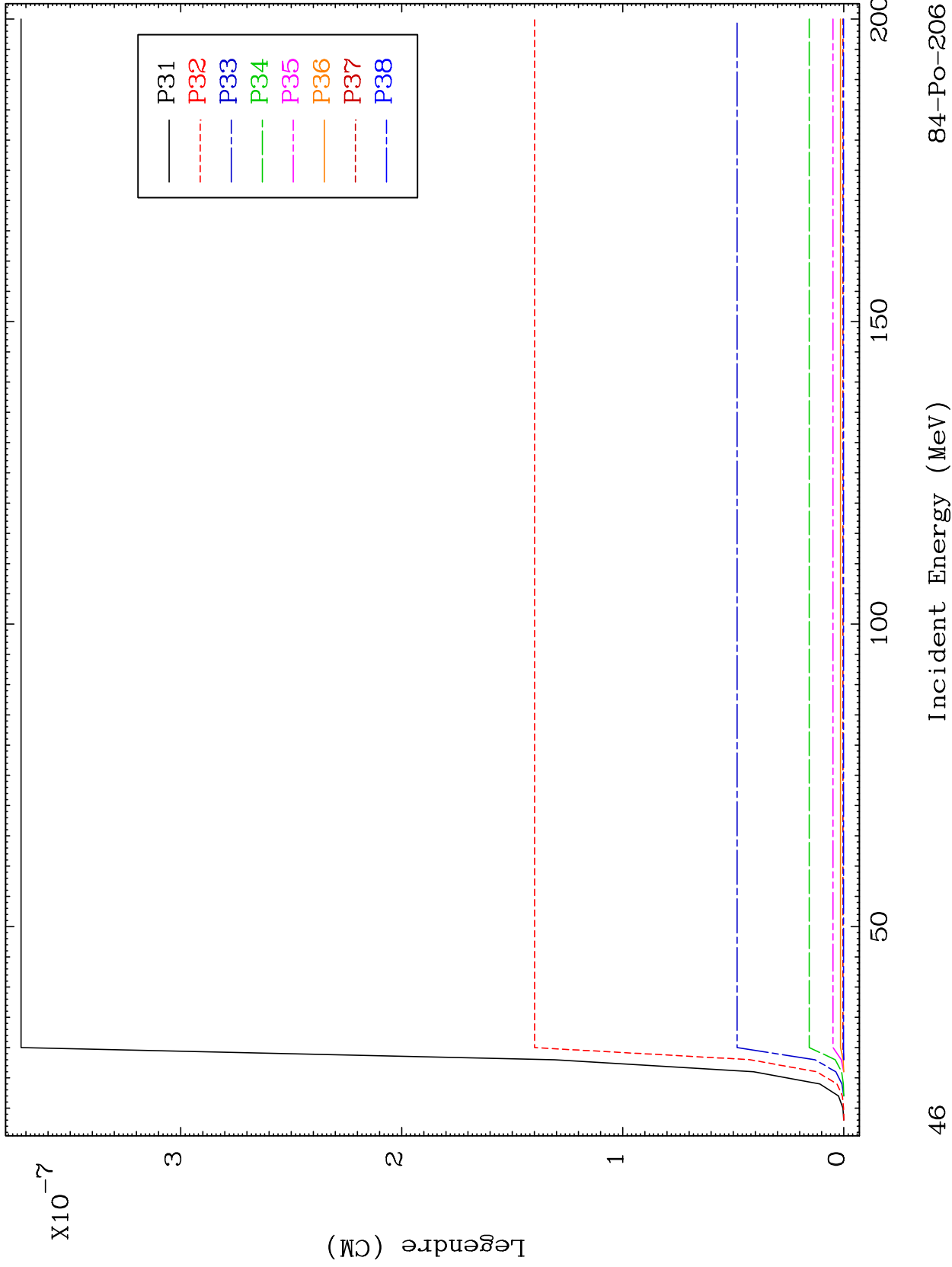
Incident Energy (MeV)

84-Po-206

MAT 8425

1.573 MeV (n, n') Level
Legendre Coefficients

84-Po-206



46

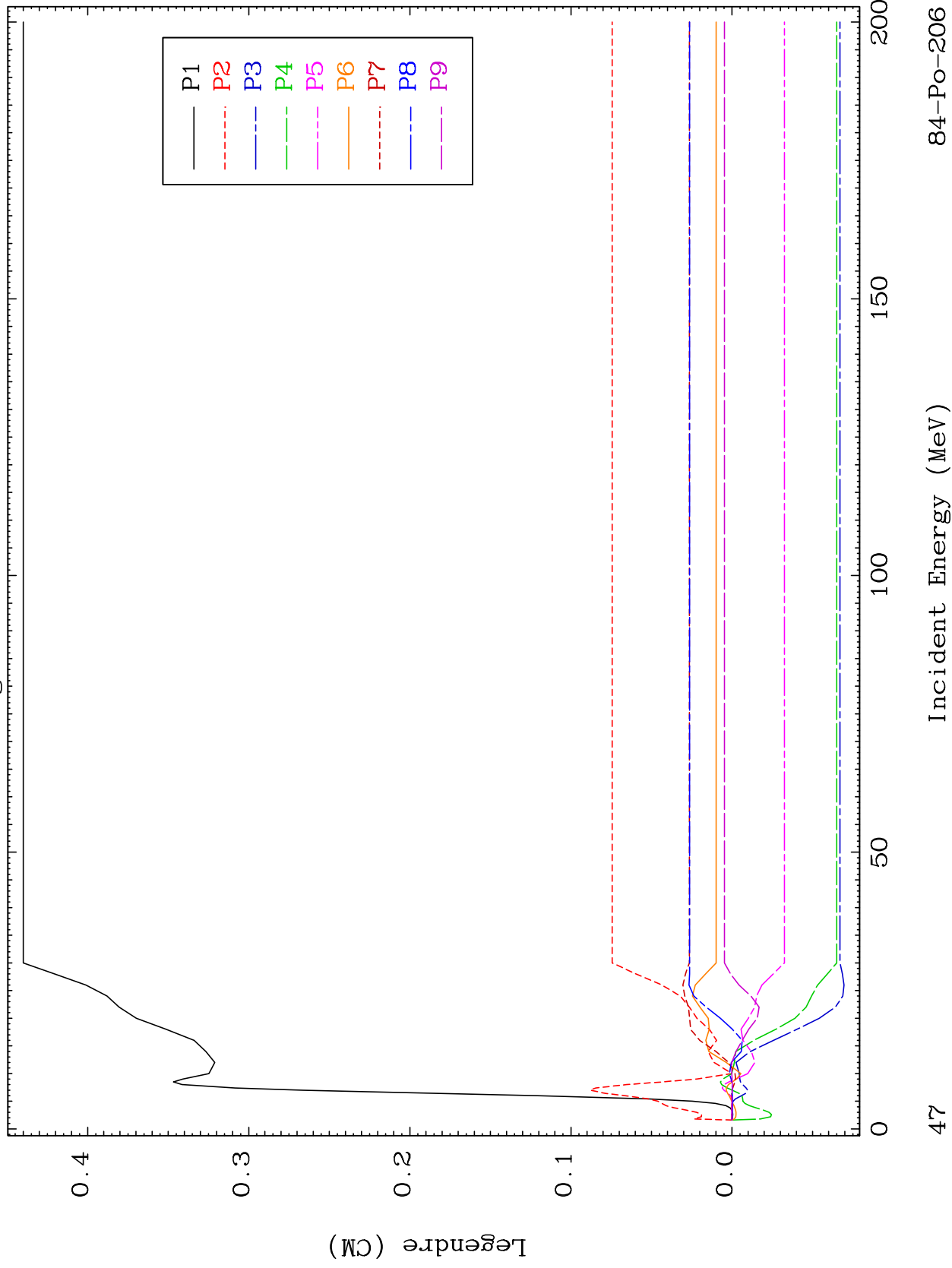
Incident Energy (MeV)

84-Po-206

MAT 8425

1.586 MeV (n, n') Level
Legendre Coefficients

84-Po-206

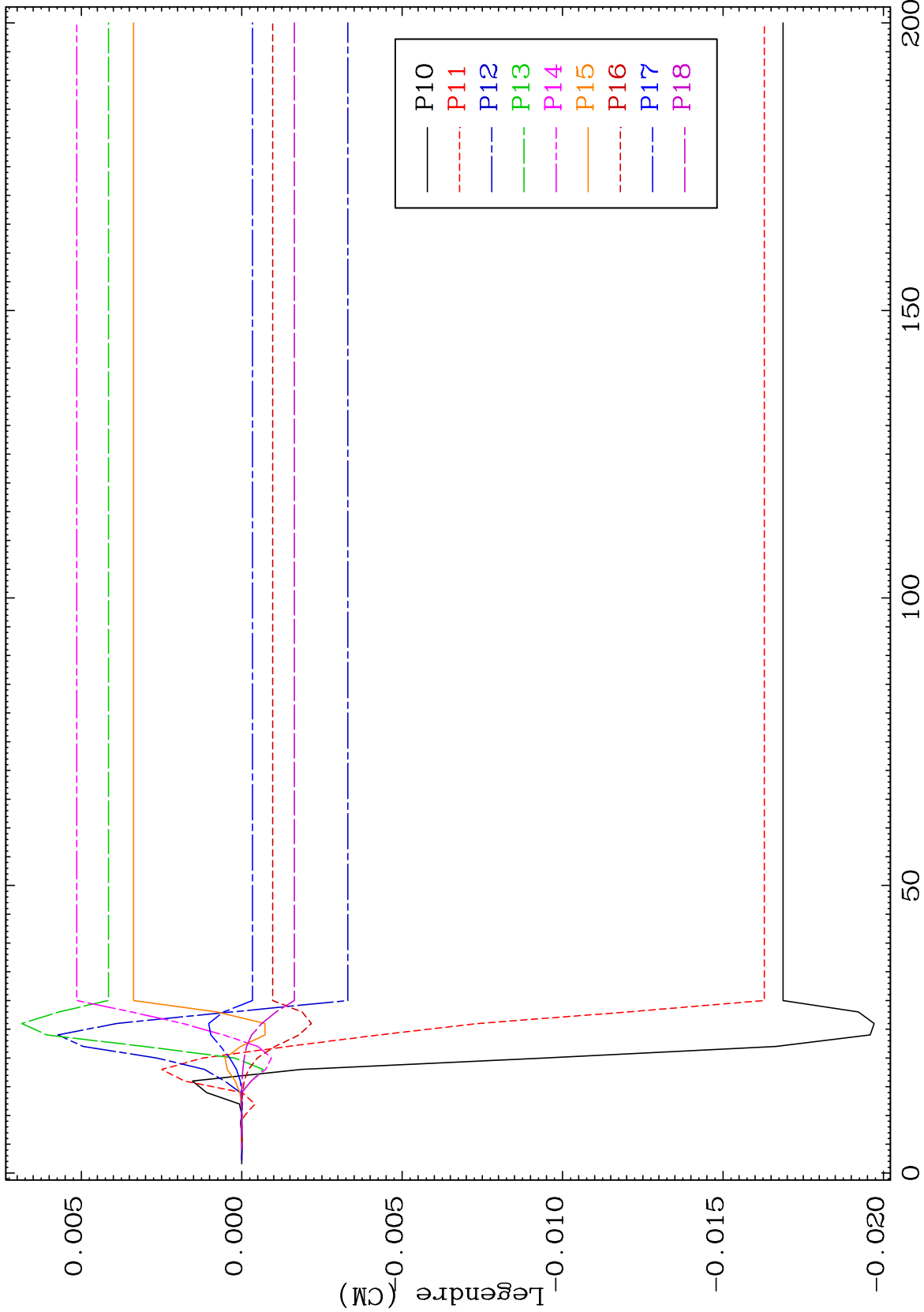


84-Po-206

MAT 8425

1.586 MeV (n,n') Level
Legendre Coefficients

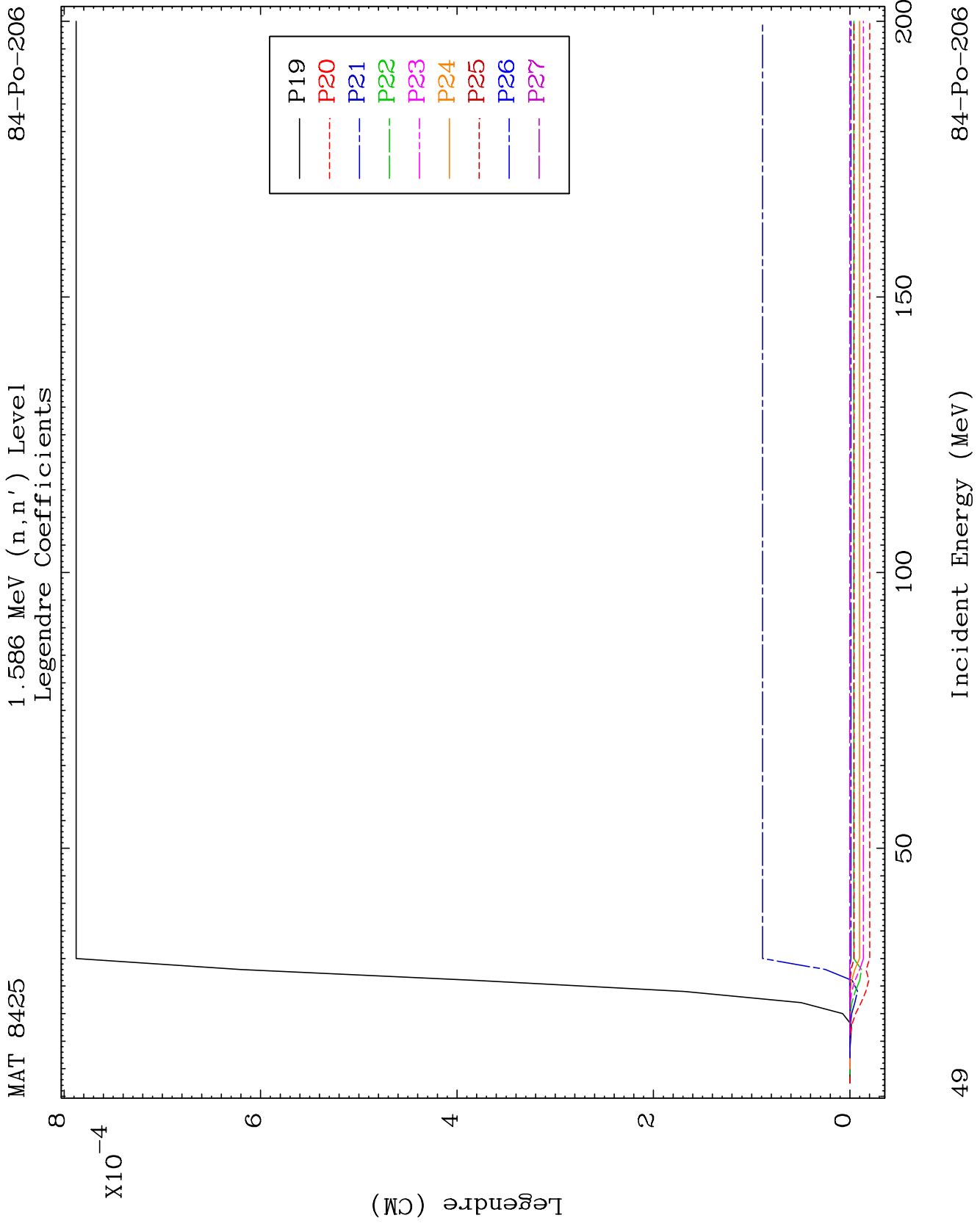
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48

Incident Energy (MeV)

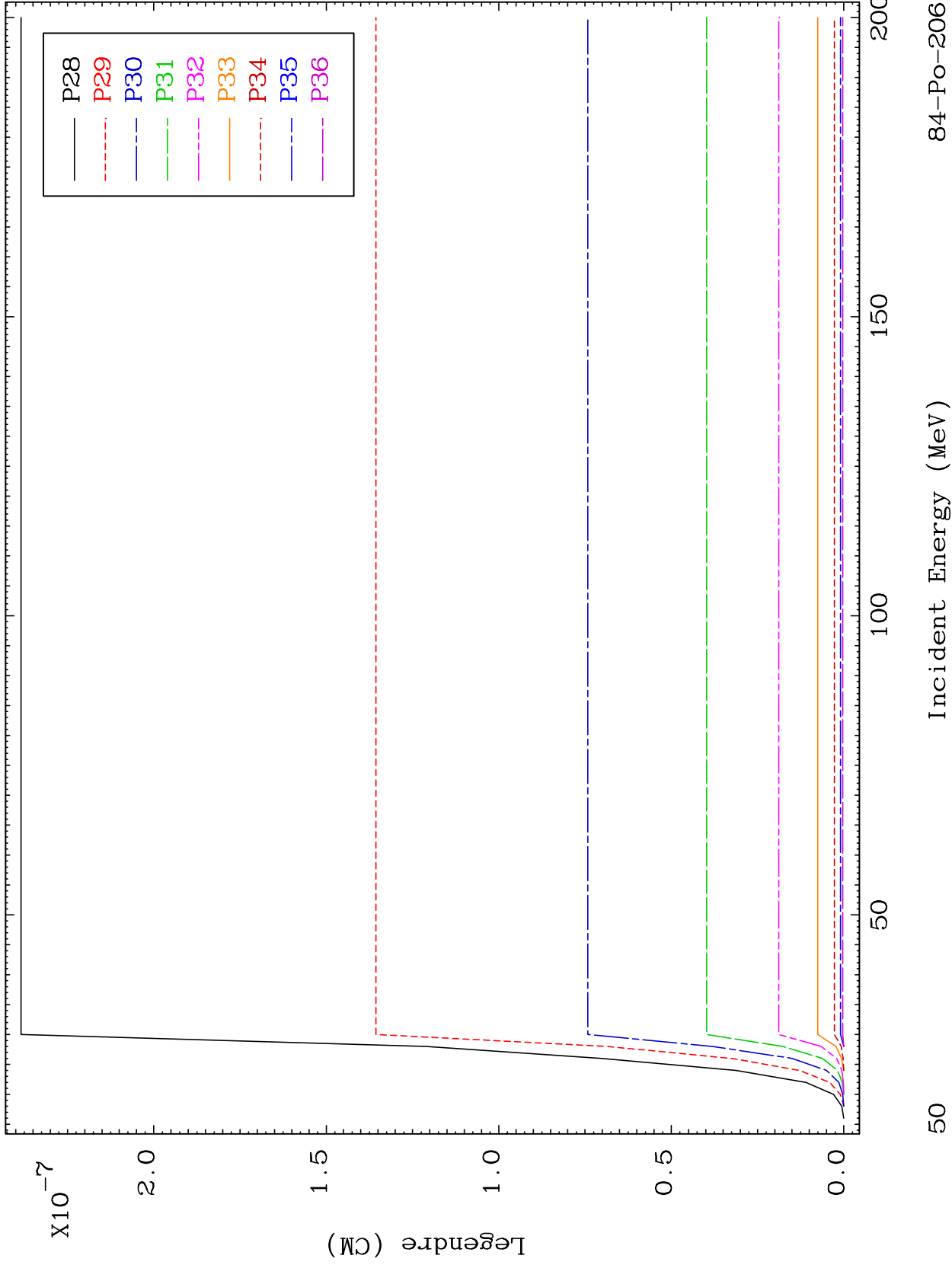
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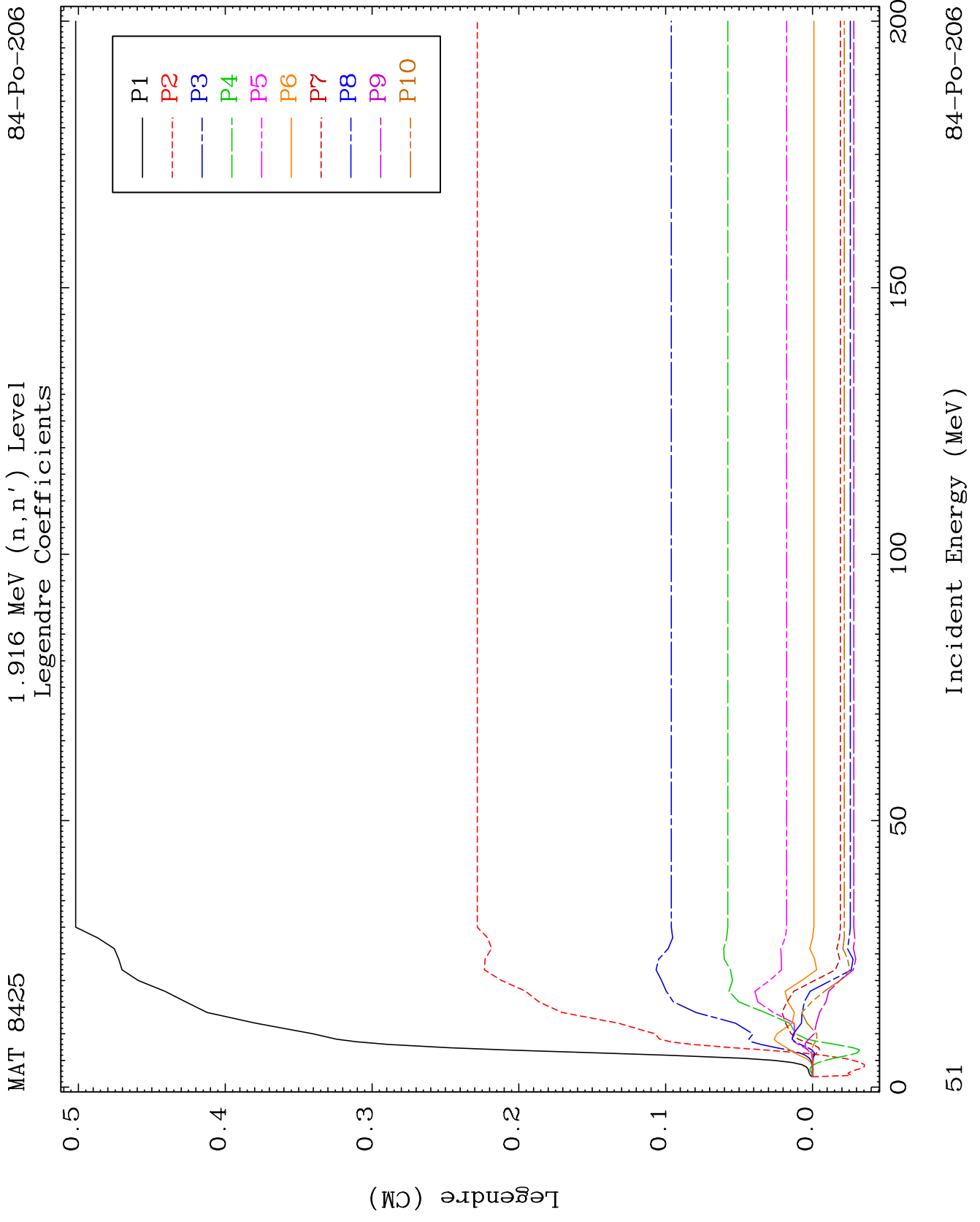


MAT 8425

1.586 MeV (n, n') Level
Legendre Coefficients

84-Po-206

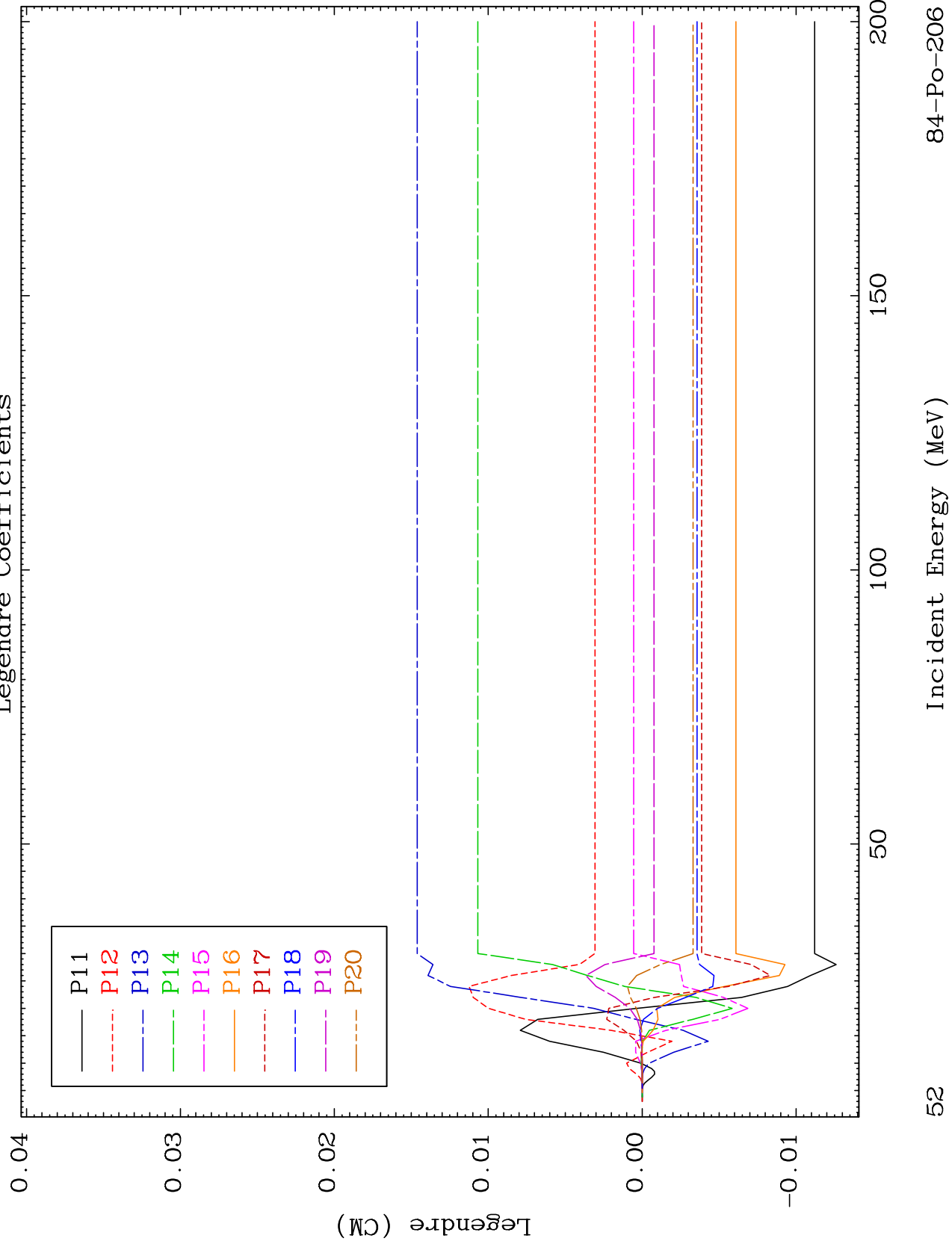




MAT 8425

1.916 MeV (n,n') Level
Legendre Coefficients

84-Po-206



52

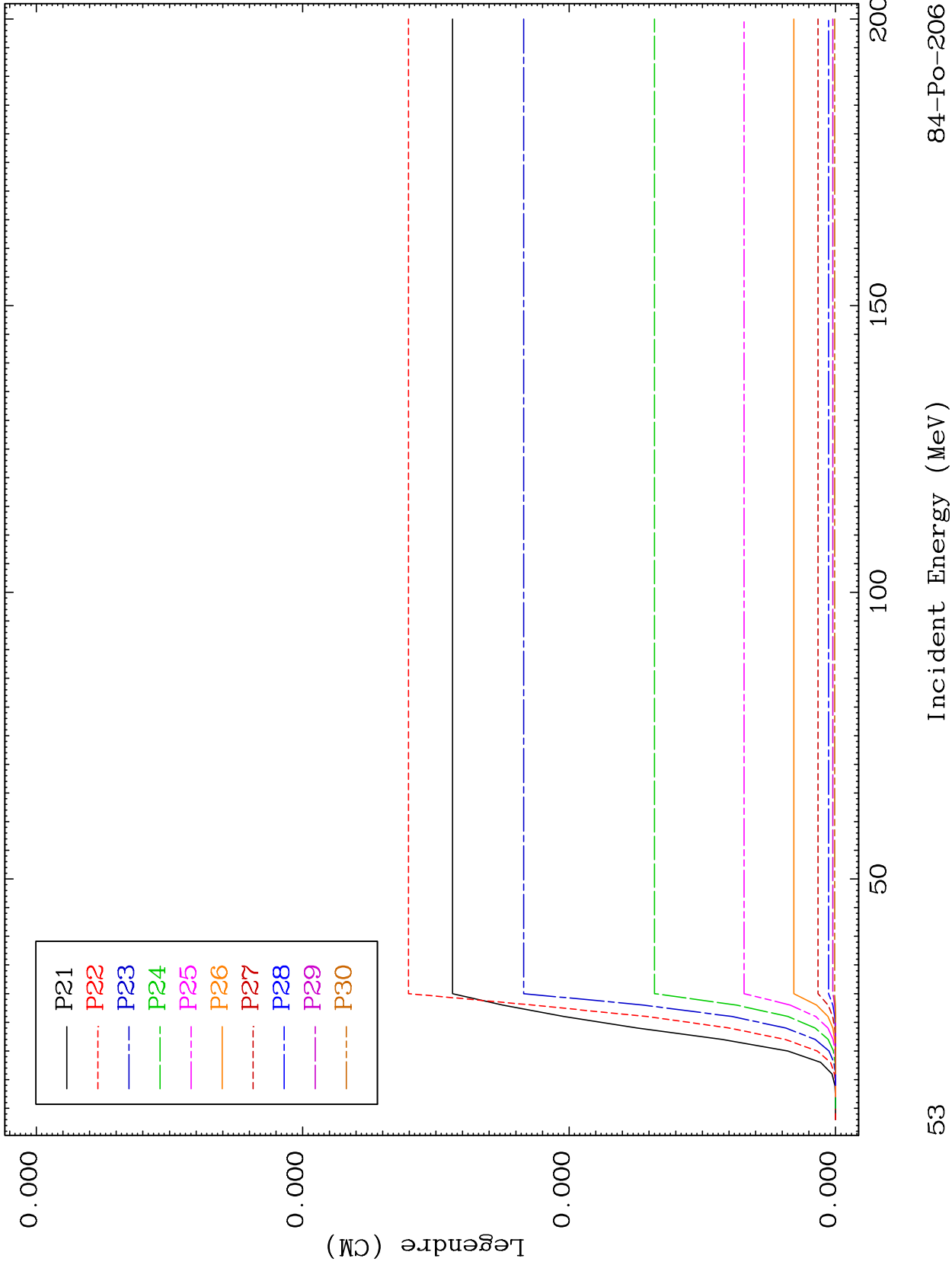
Incident Energy (MeV)

84-Po-206

MAT 8425

1.916 MeV (n,n') Level
Legendre Coefficients

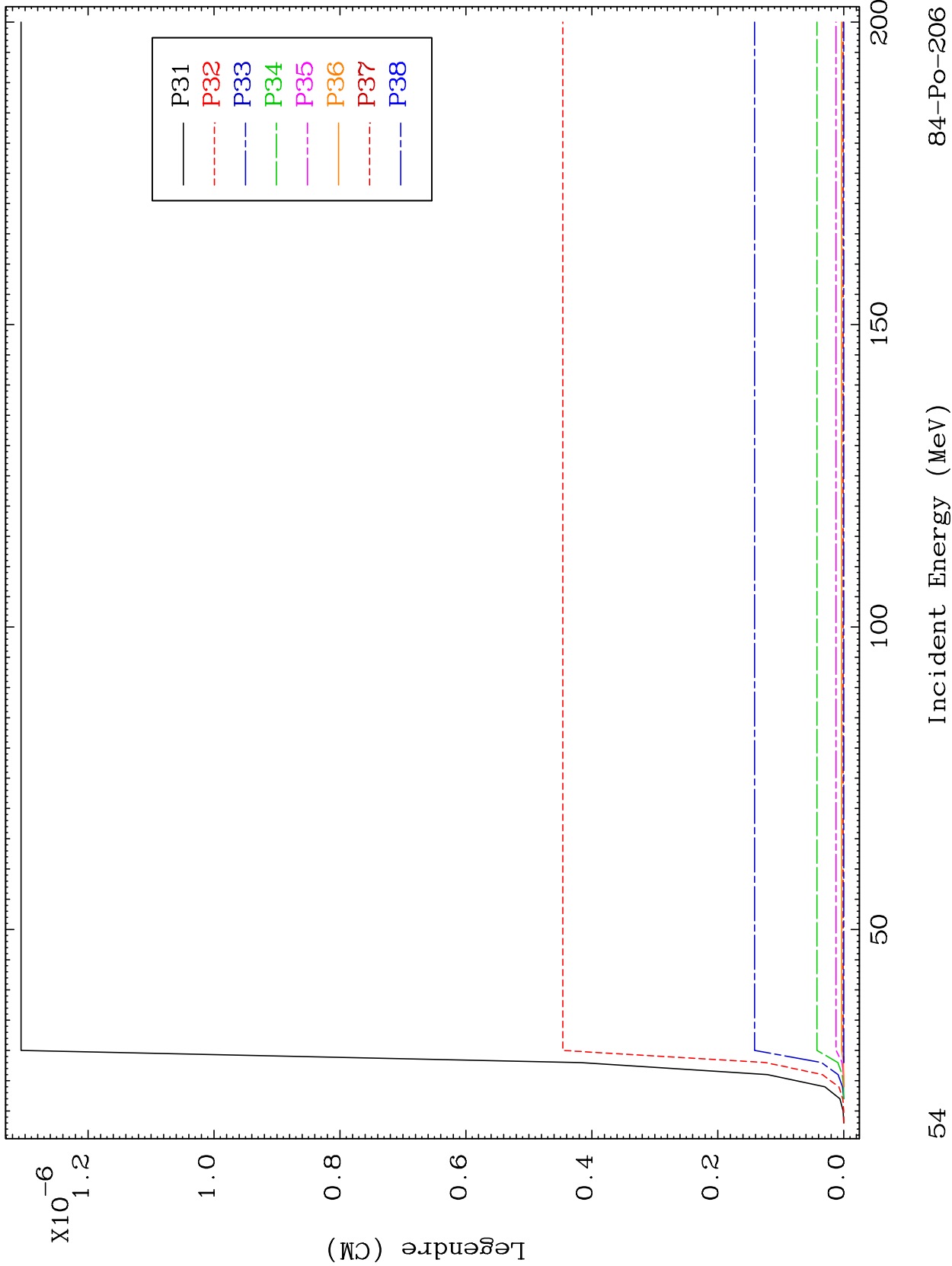
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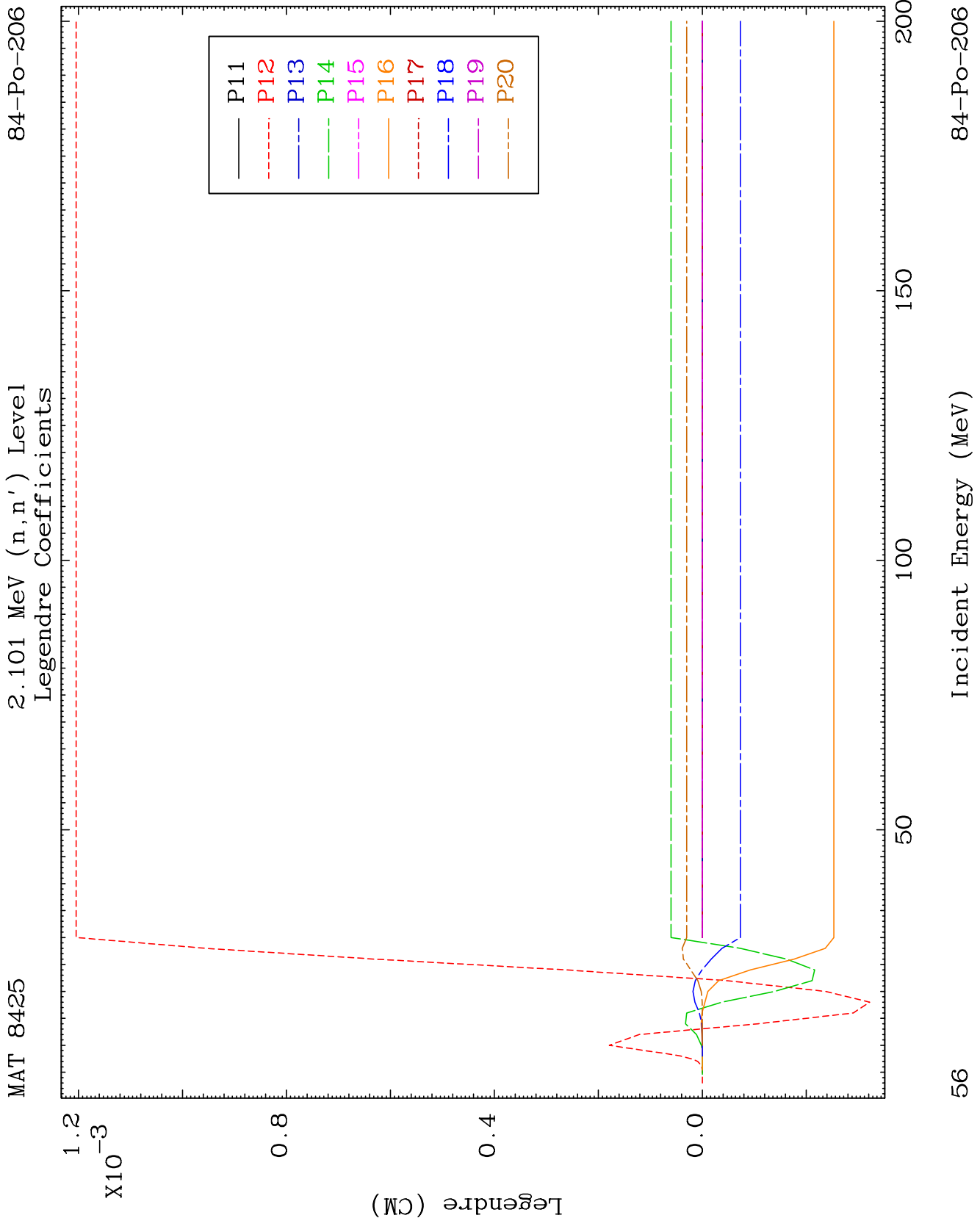


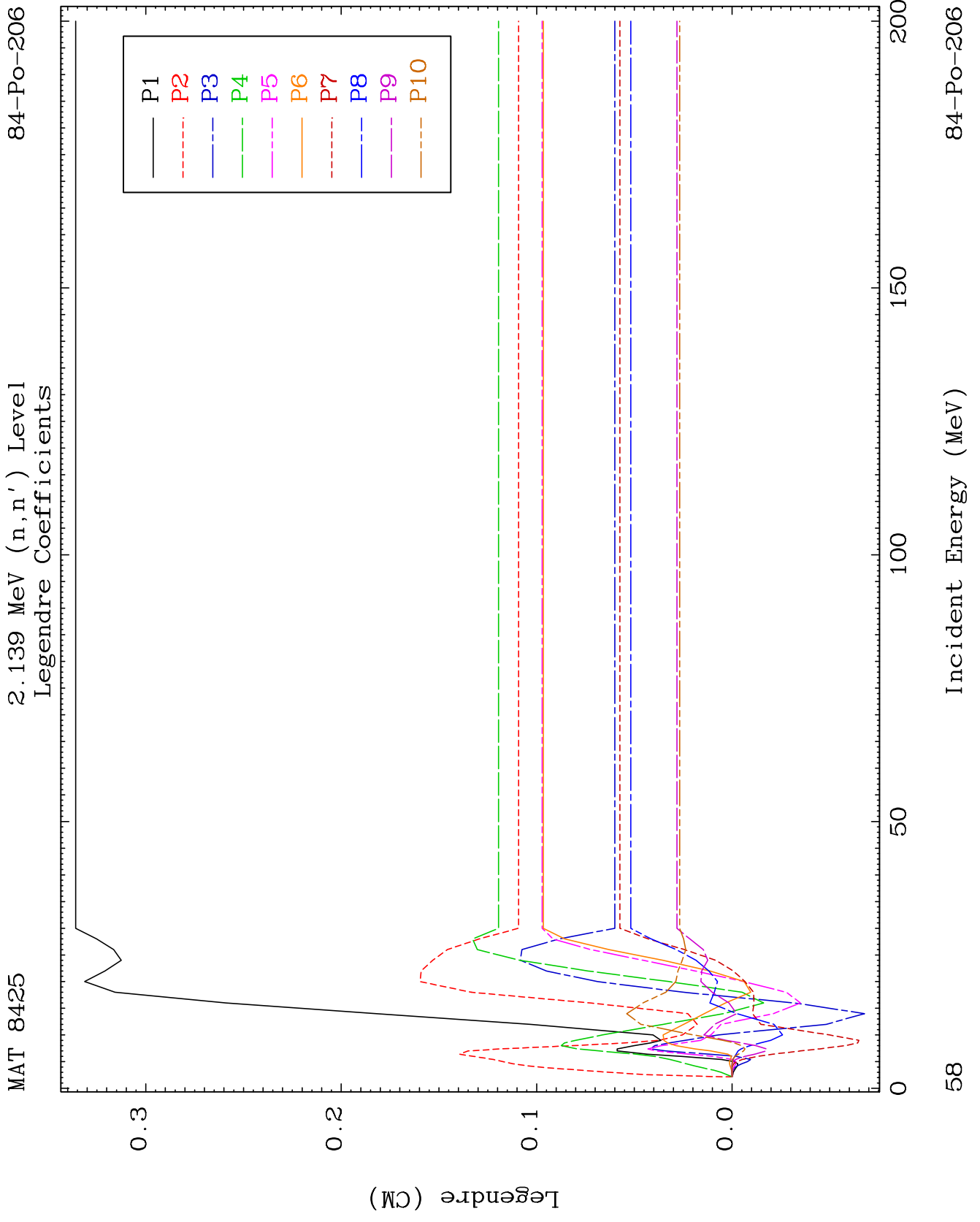
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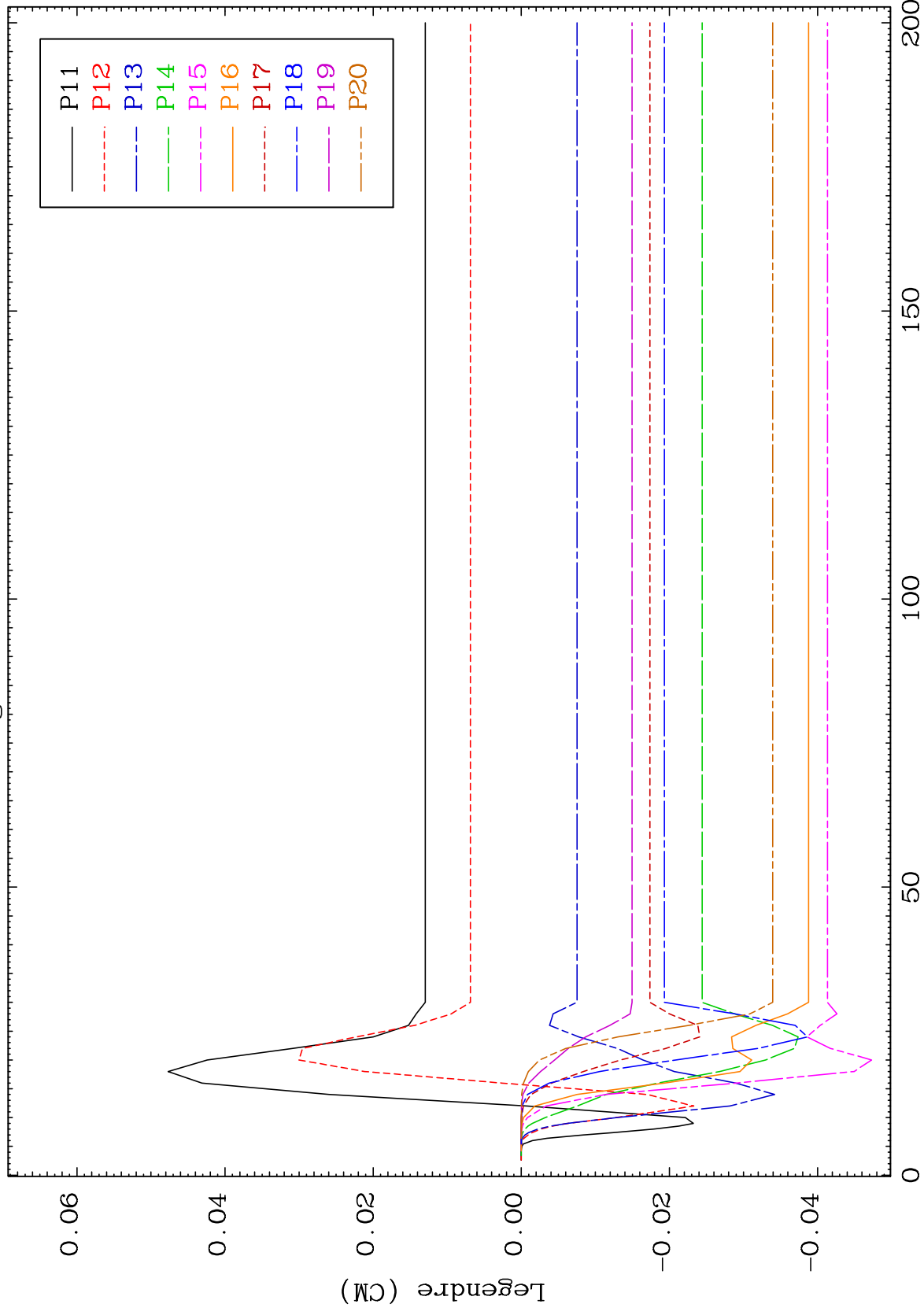
Incident Energy (MeV)

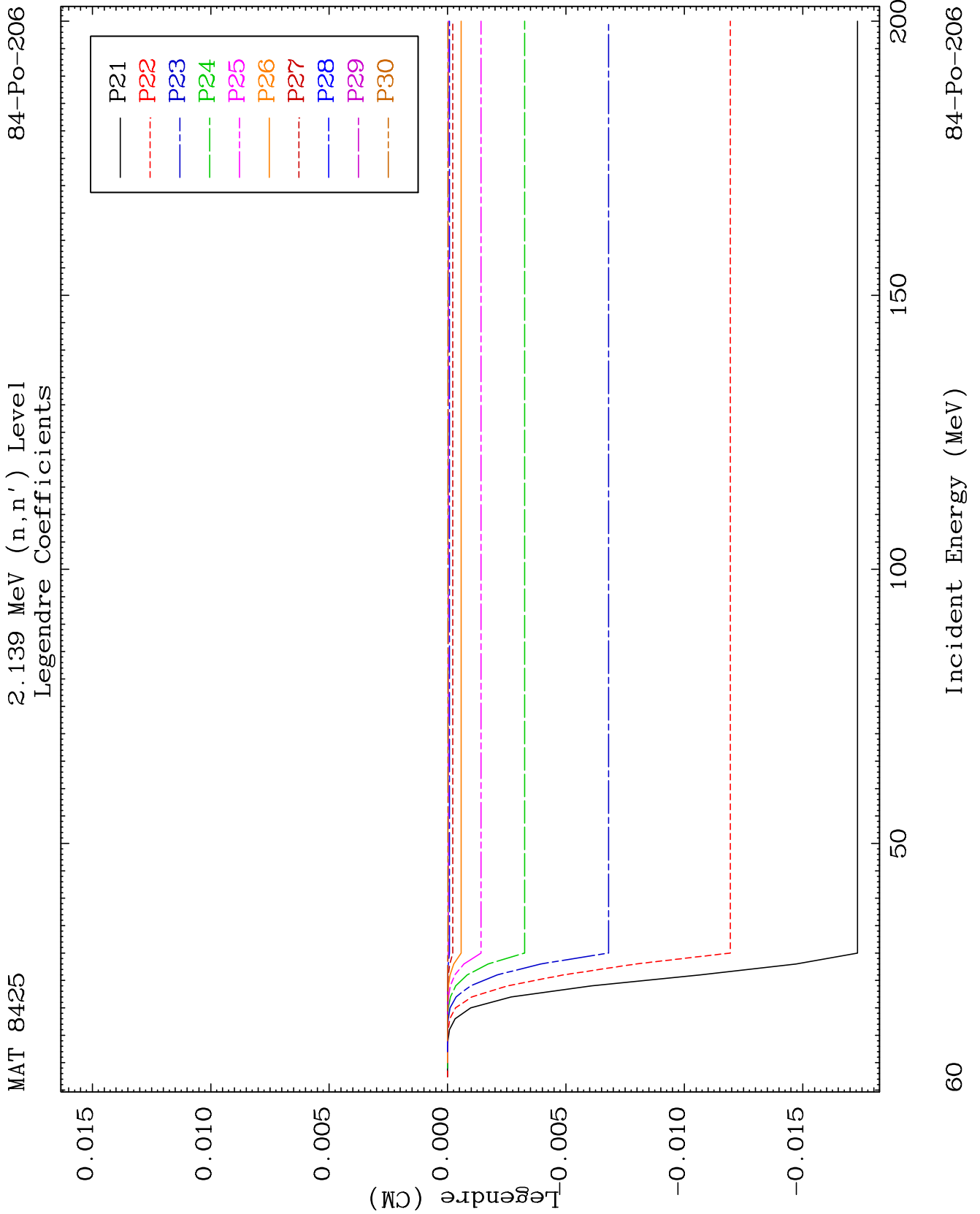
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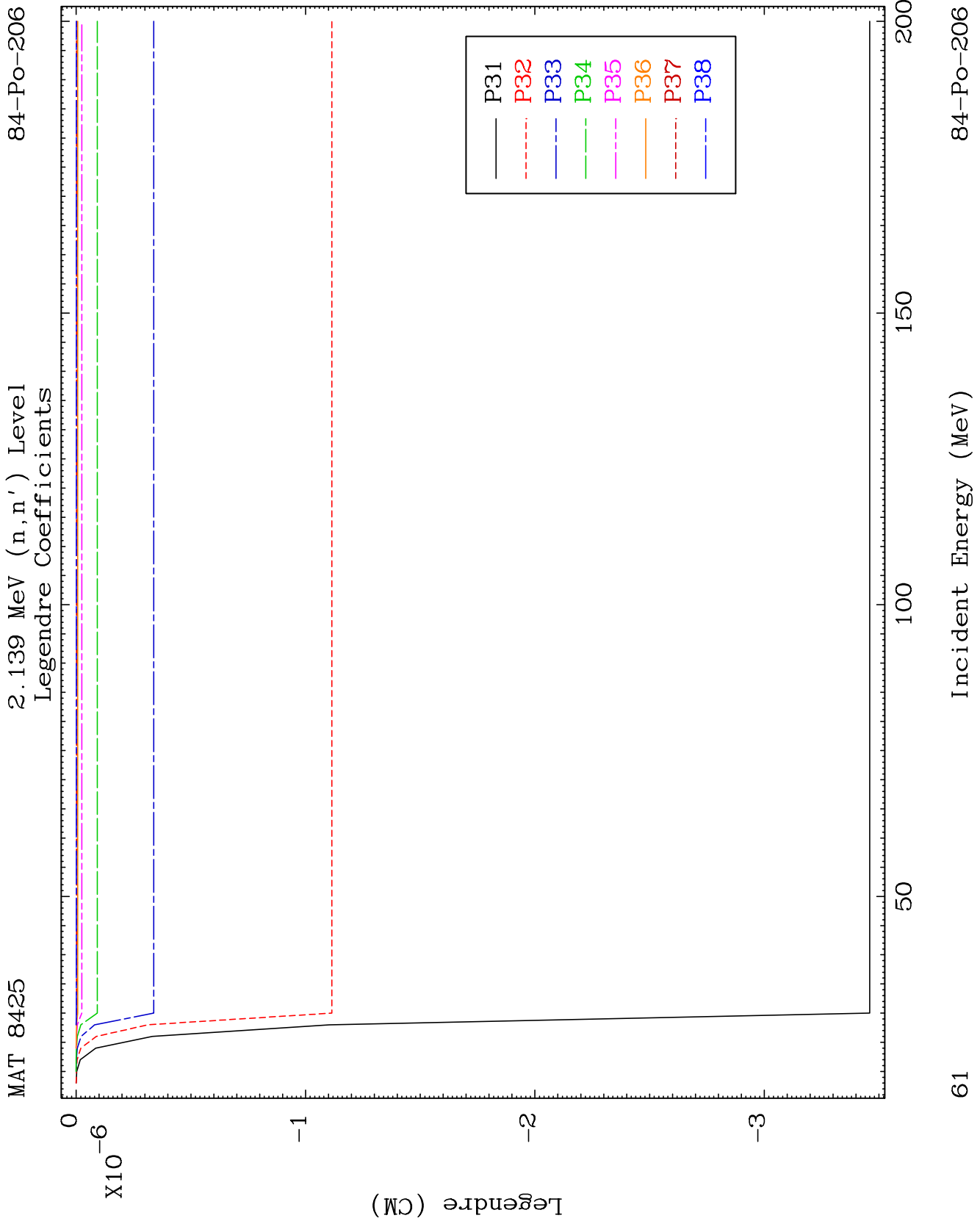








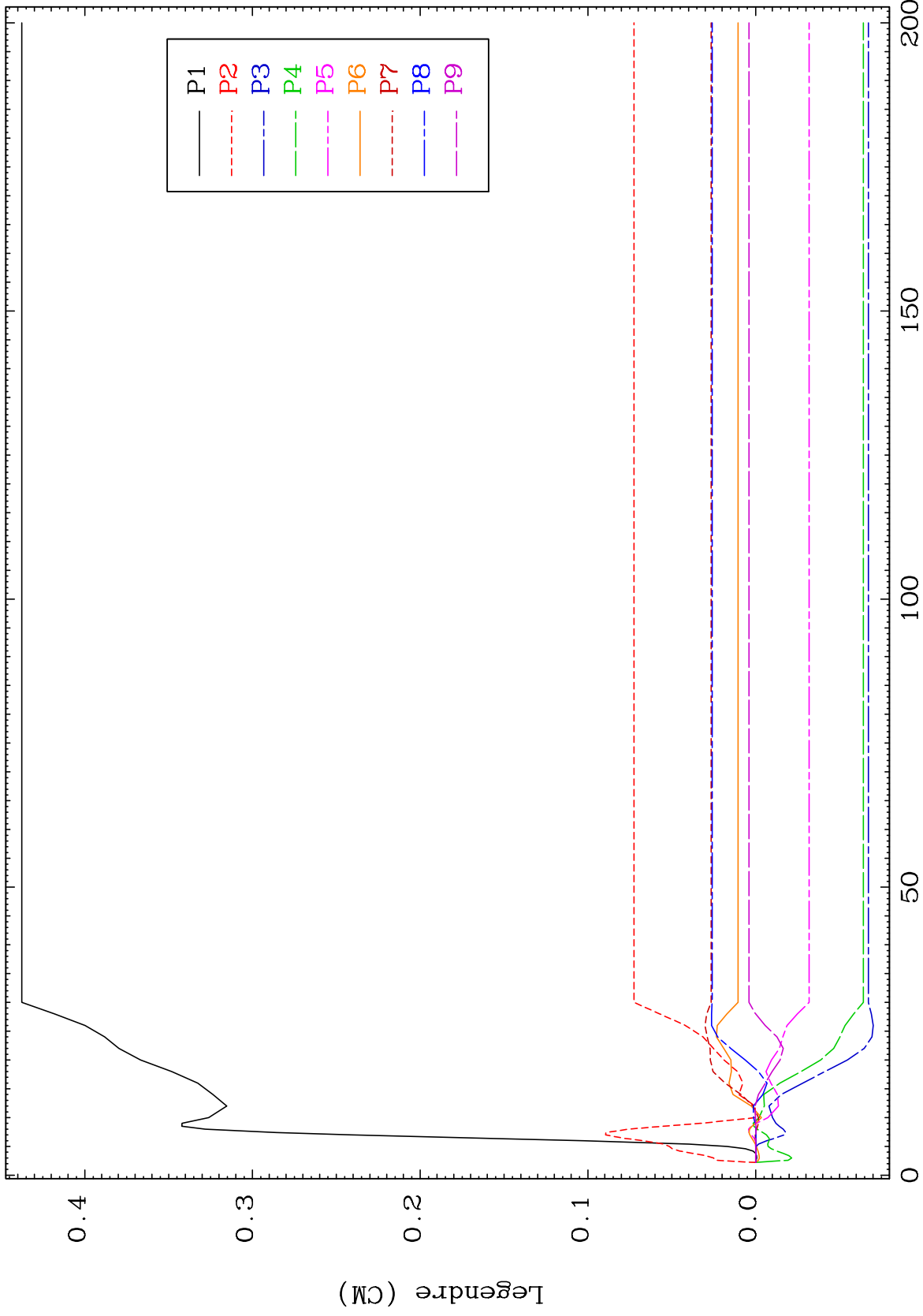




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2.200 MeV (n,n') Level
Legendre Coefficients

84-Po-206



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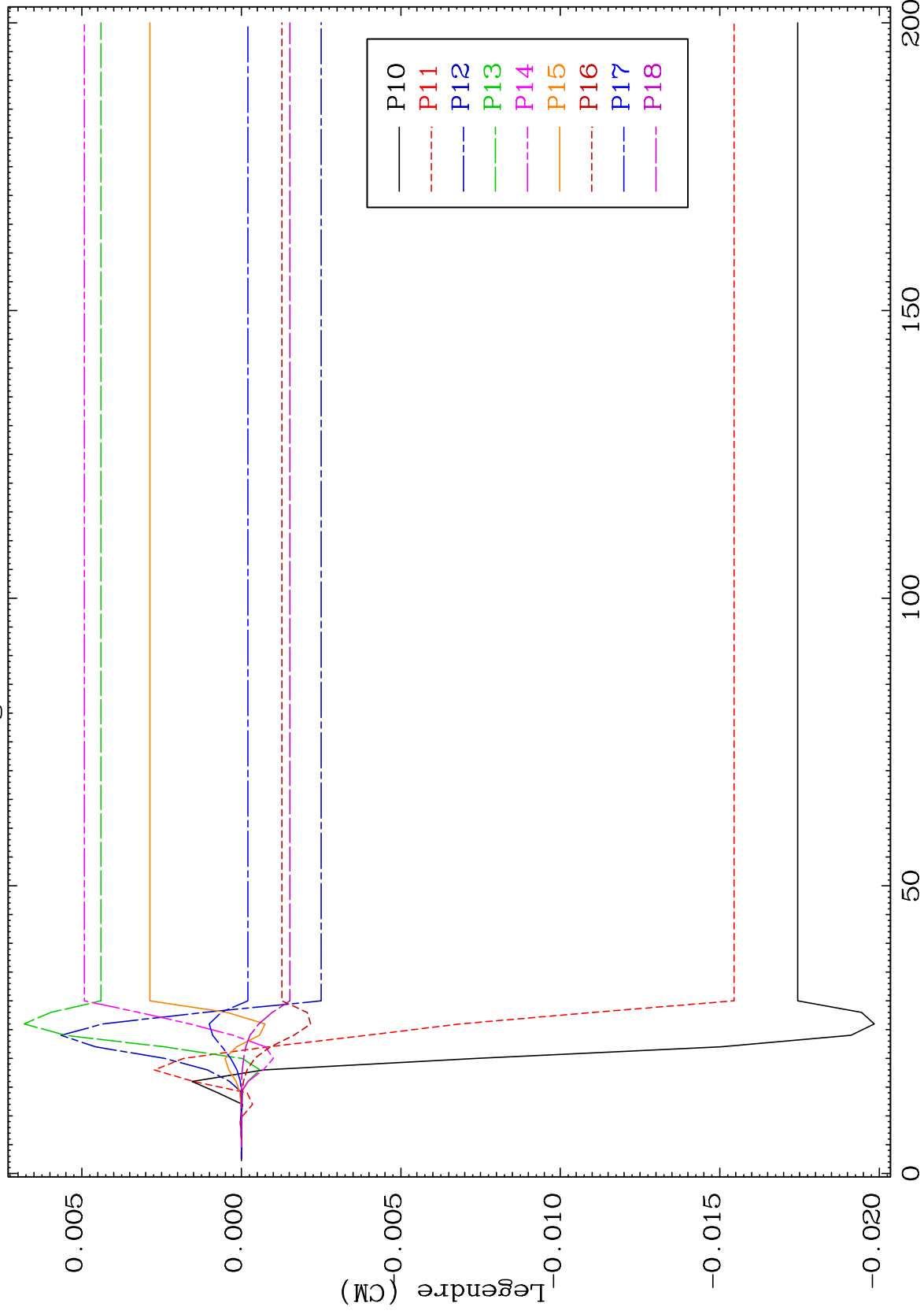
Incident Energy (MeV)

84-Po-206

MAT 8425

2.200 MeV (n,n') Level
Legendre Coefficients

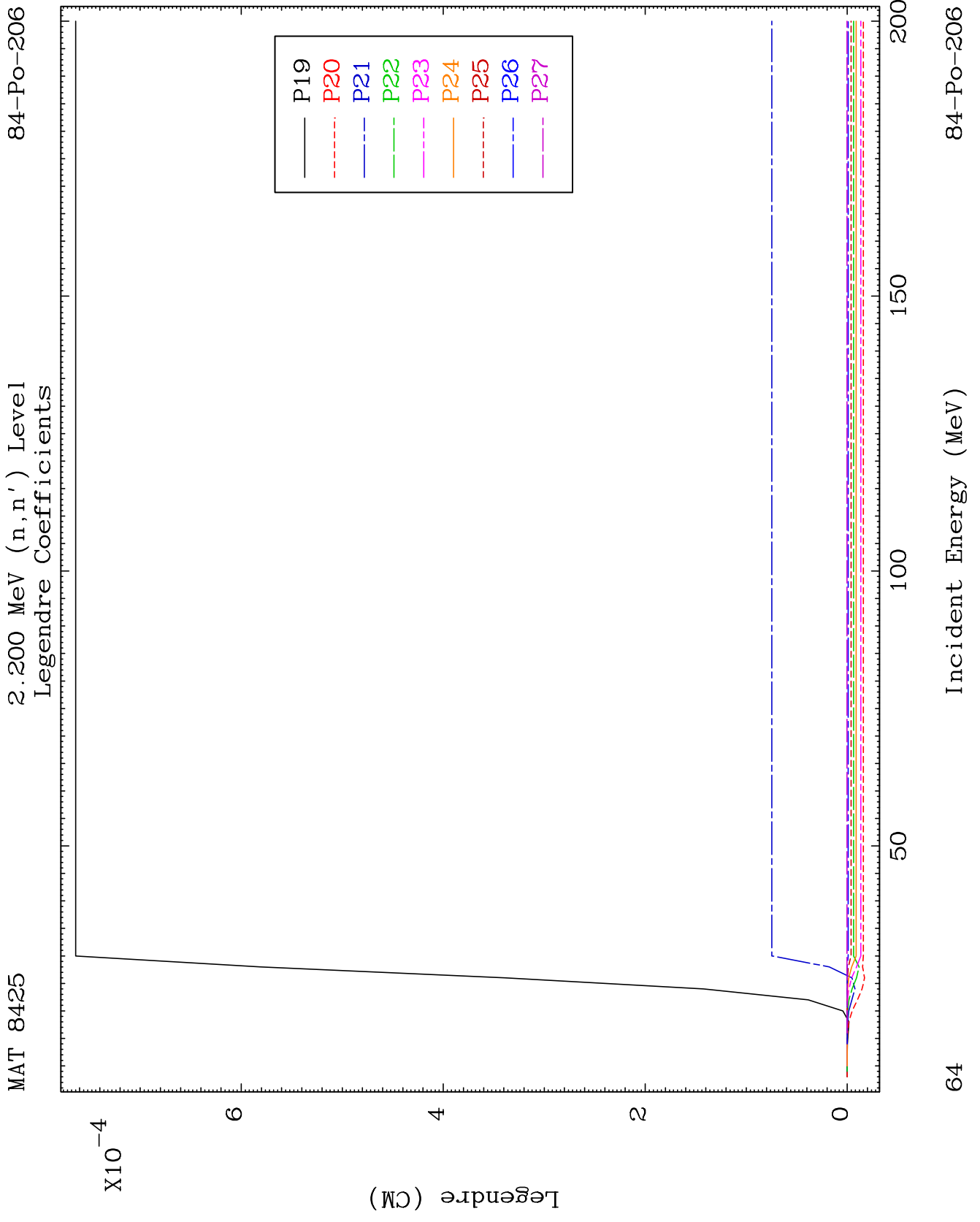
84-Po-206



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Incident Energy (MeV)

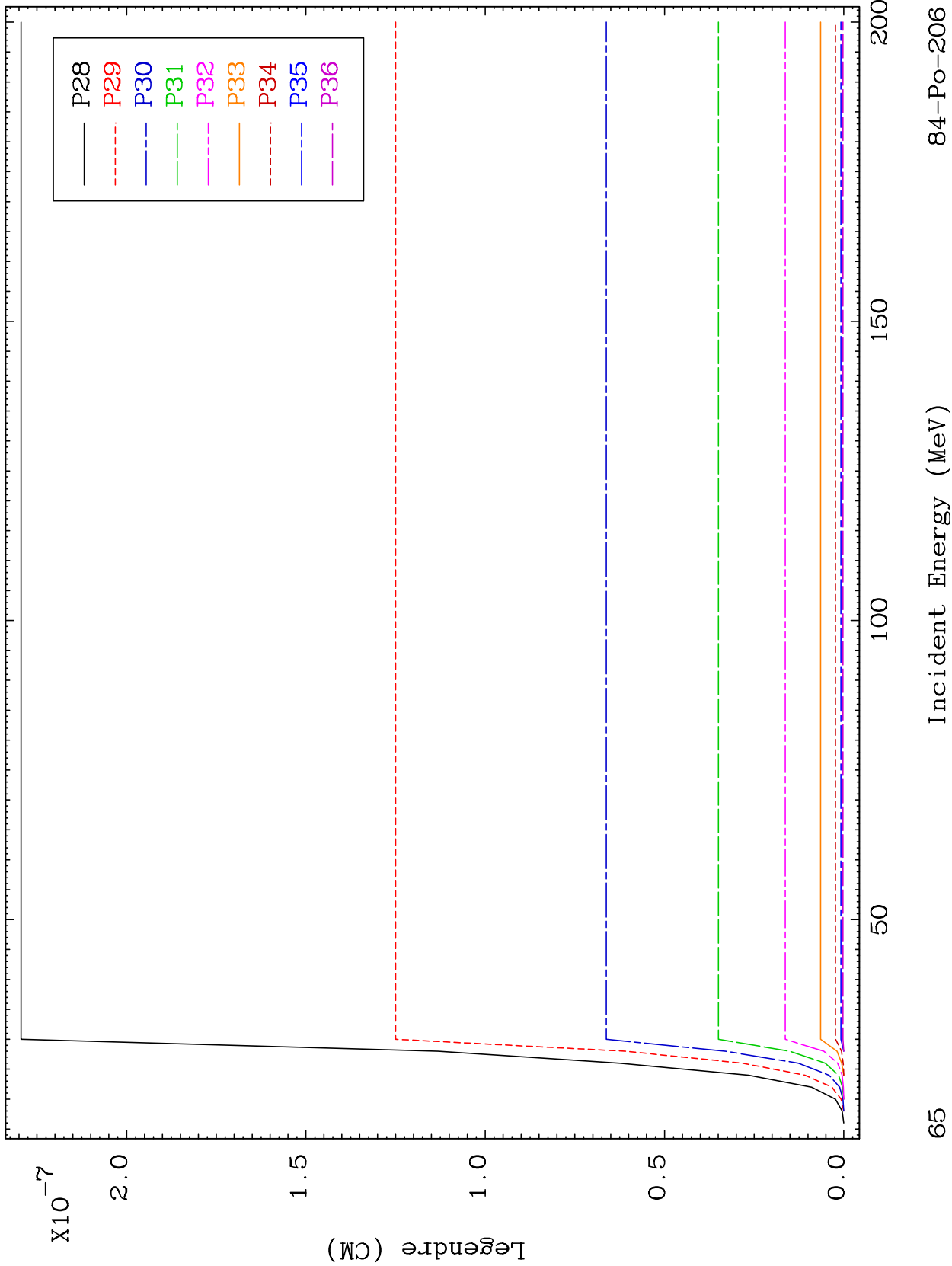
84-Po-206



MAT 8425

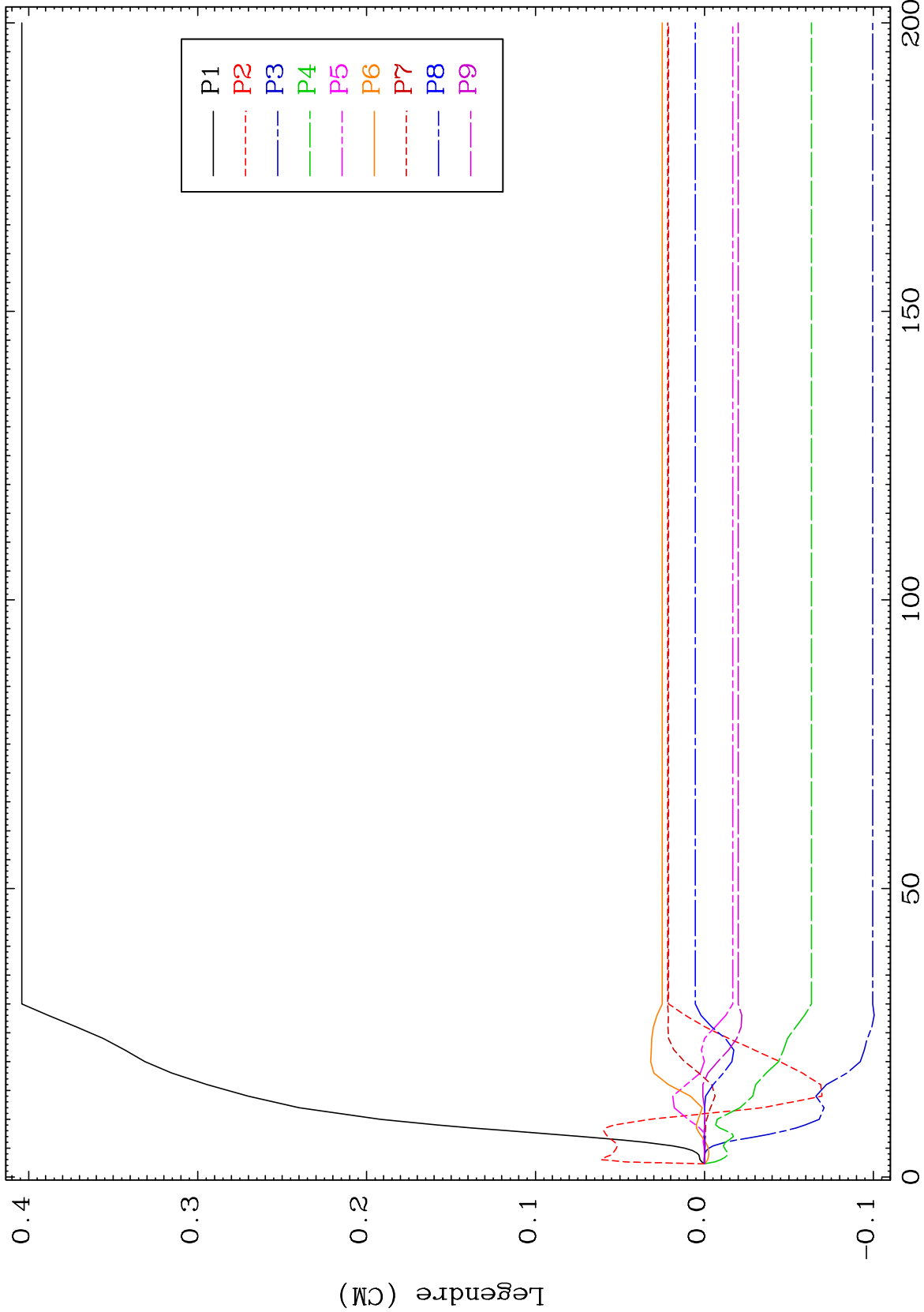
2.200 MeV (n,n') Level
Legendre Coefficients

84-Po-206



65

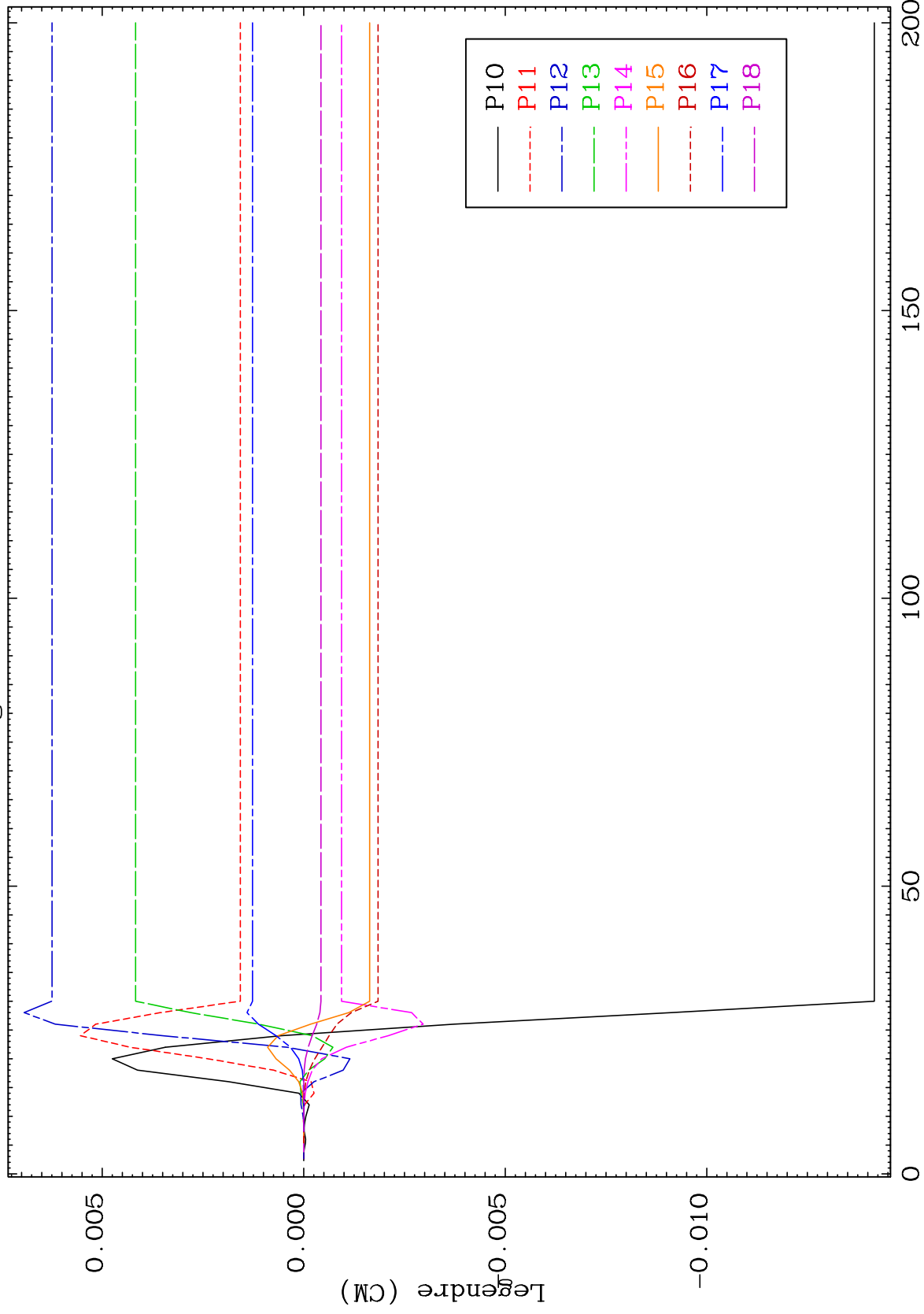
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MAT 8425

2.262 MeV (n,n') Level
Legendre Coefficients

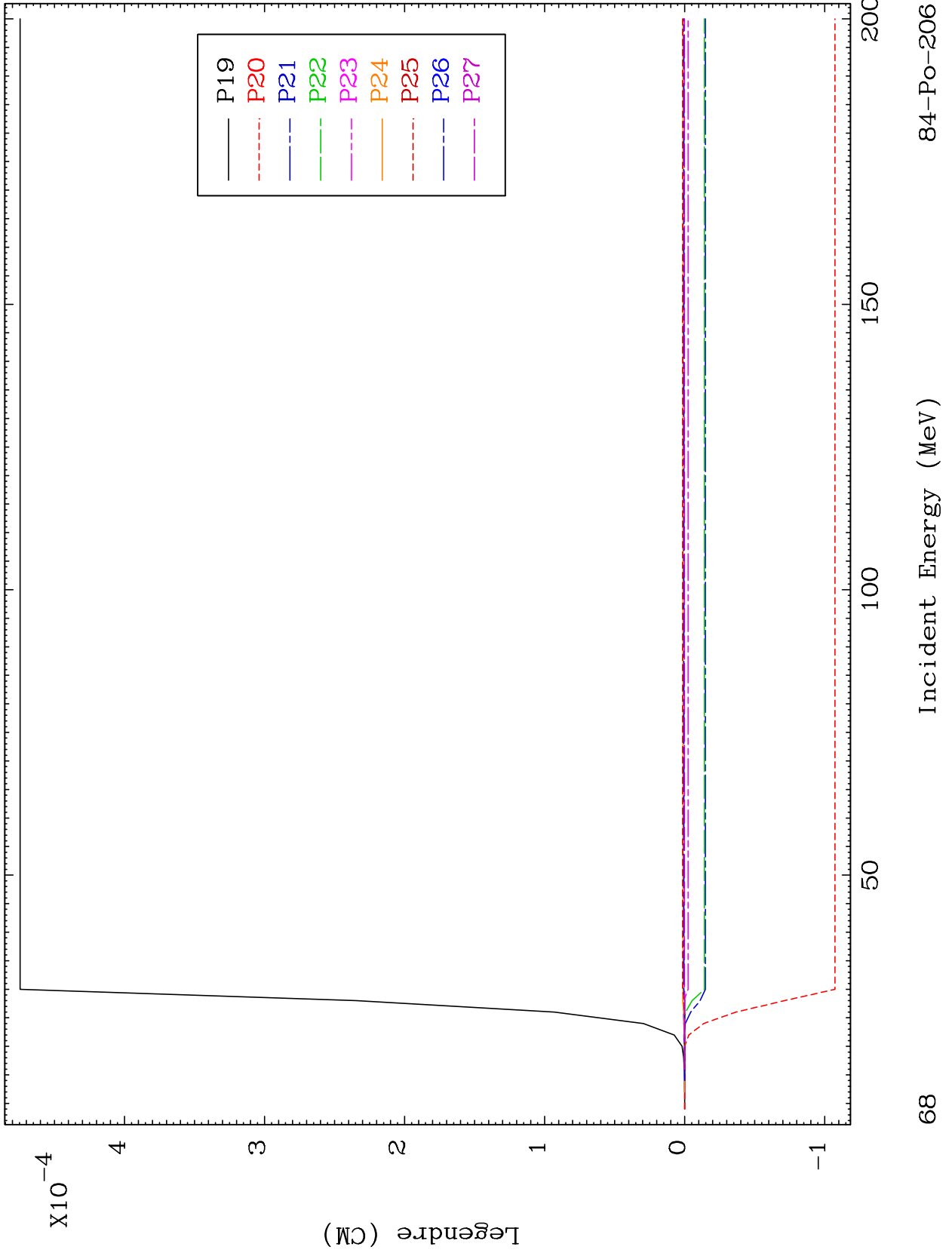
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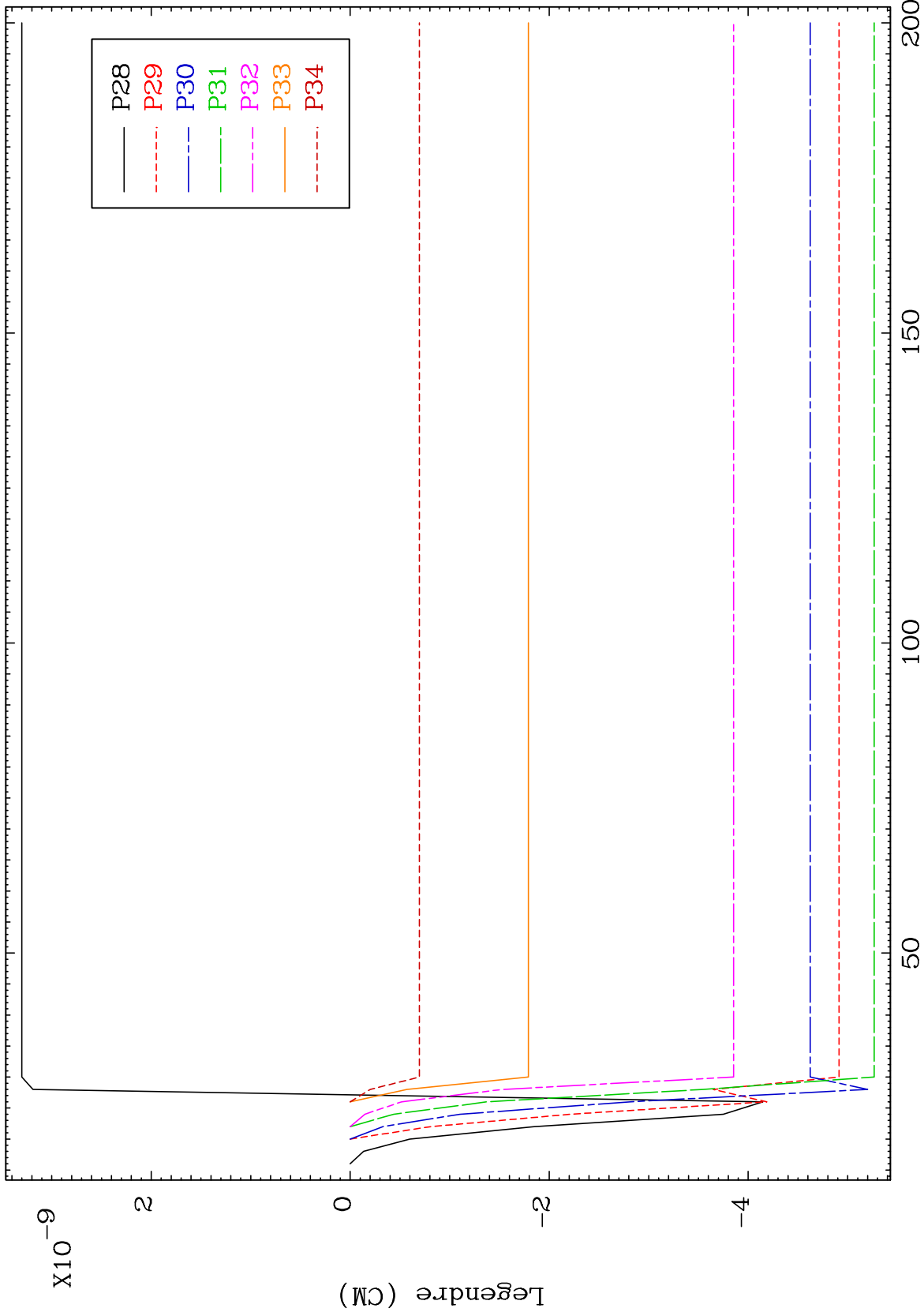


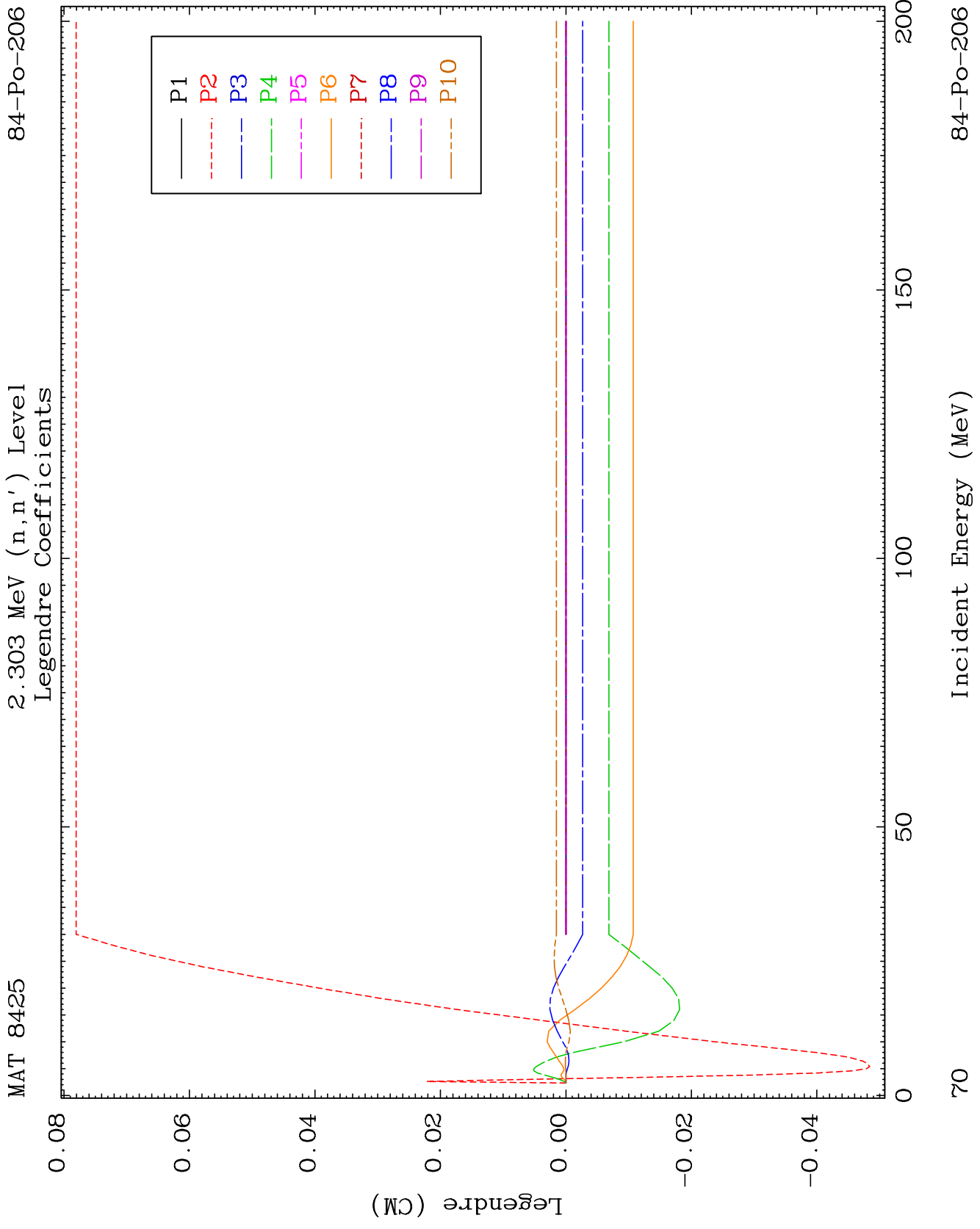
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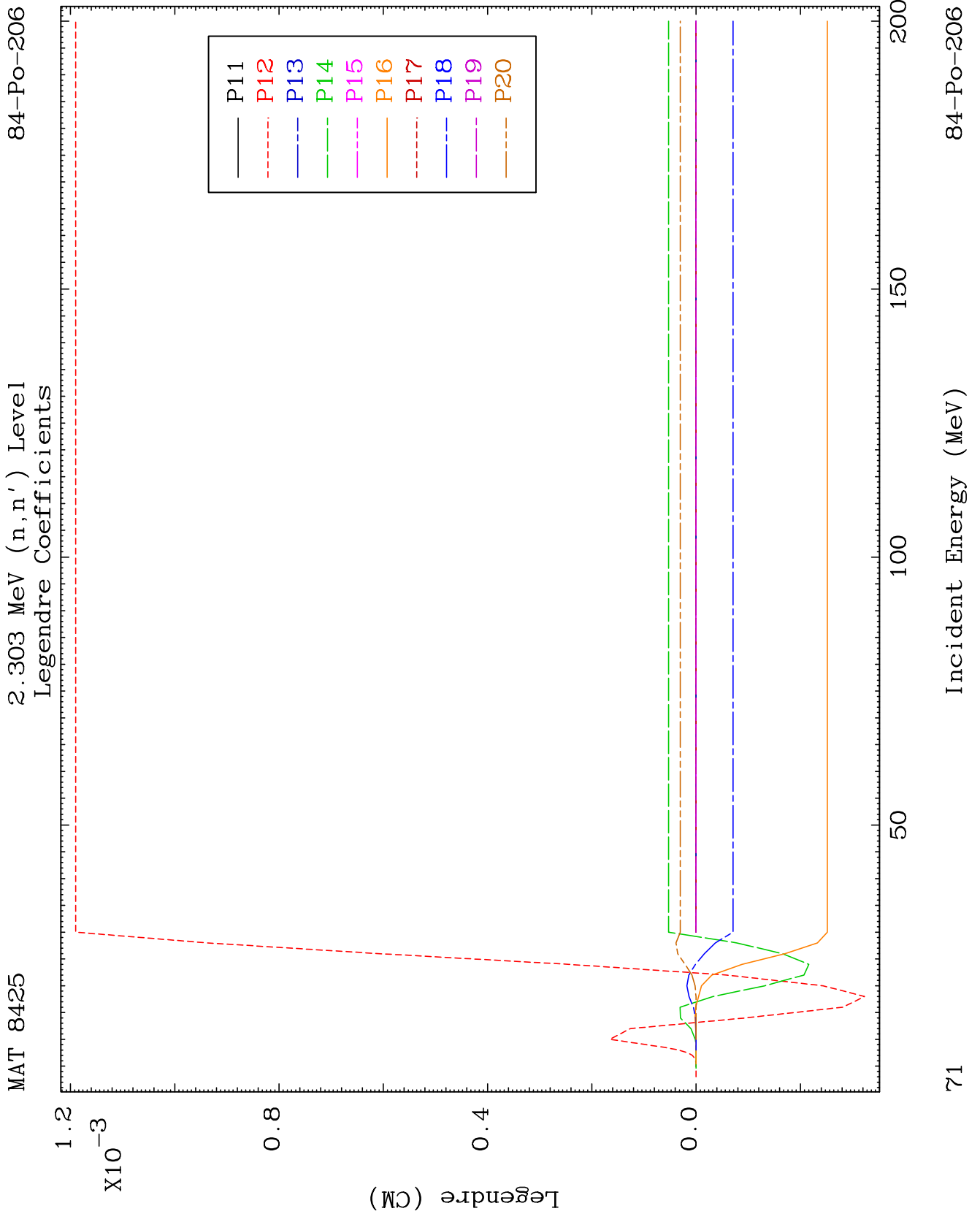
Incident Energy (MeV)

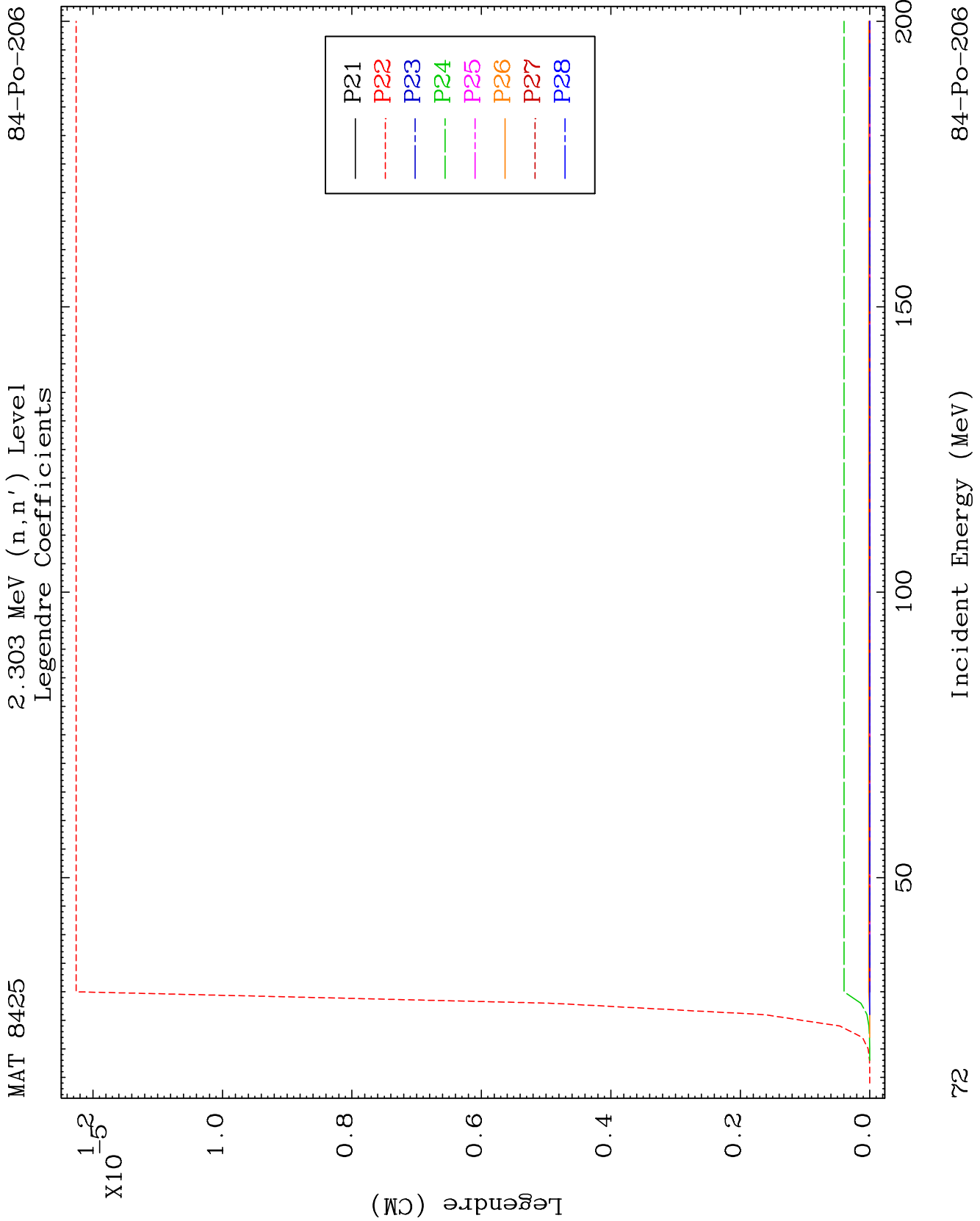
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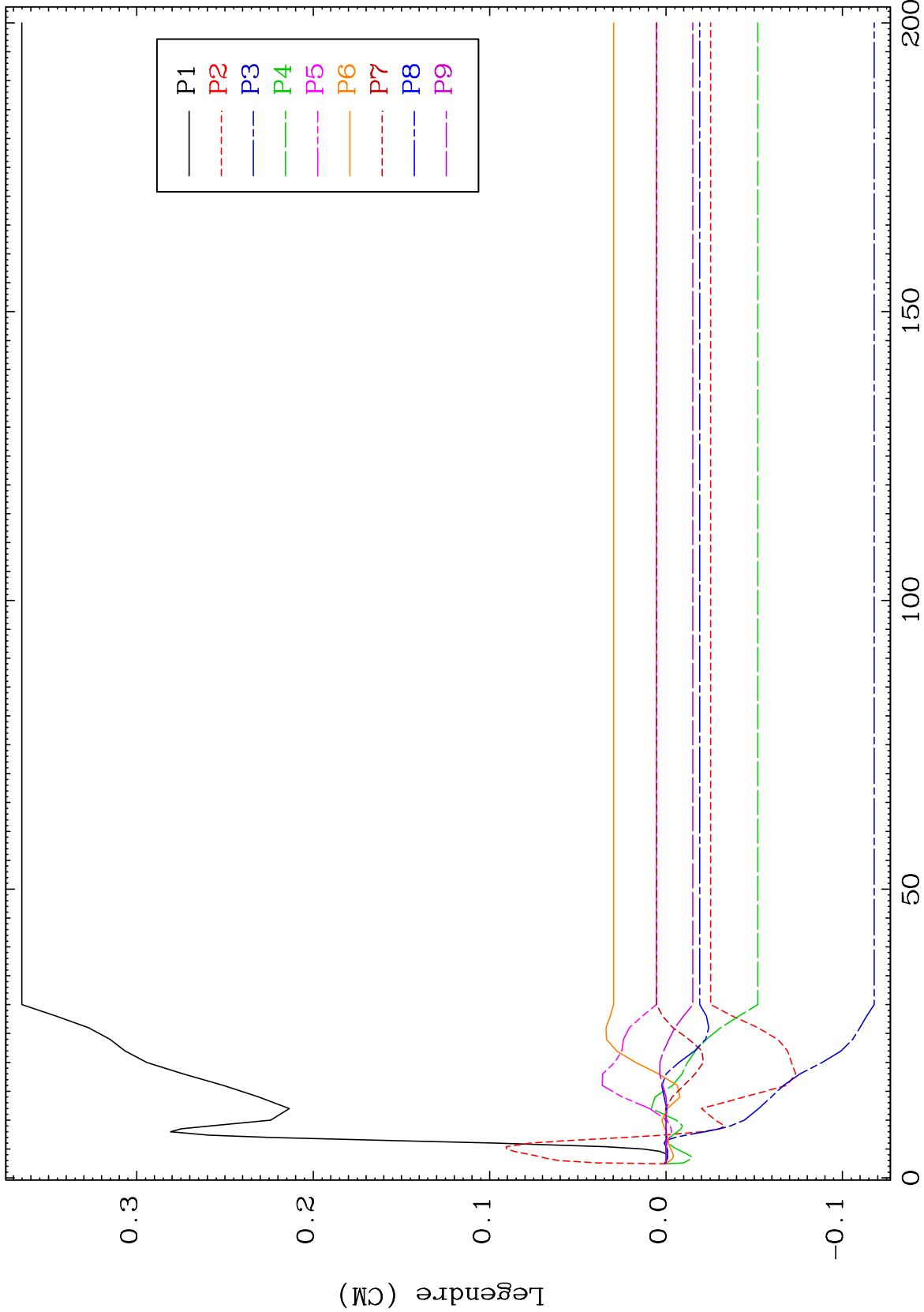




MAT 8425

2.419 MeV (n, n') Level
Legendre Coefficients

84-Po-206



73

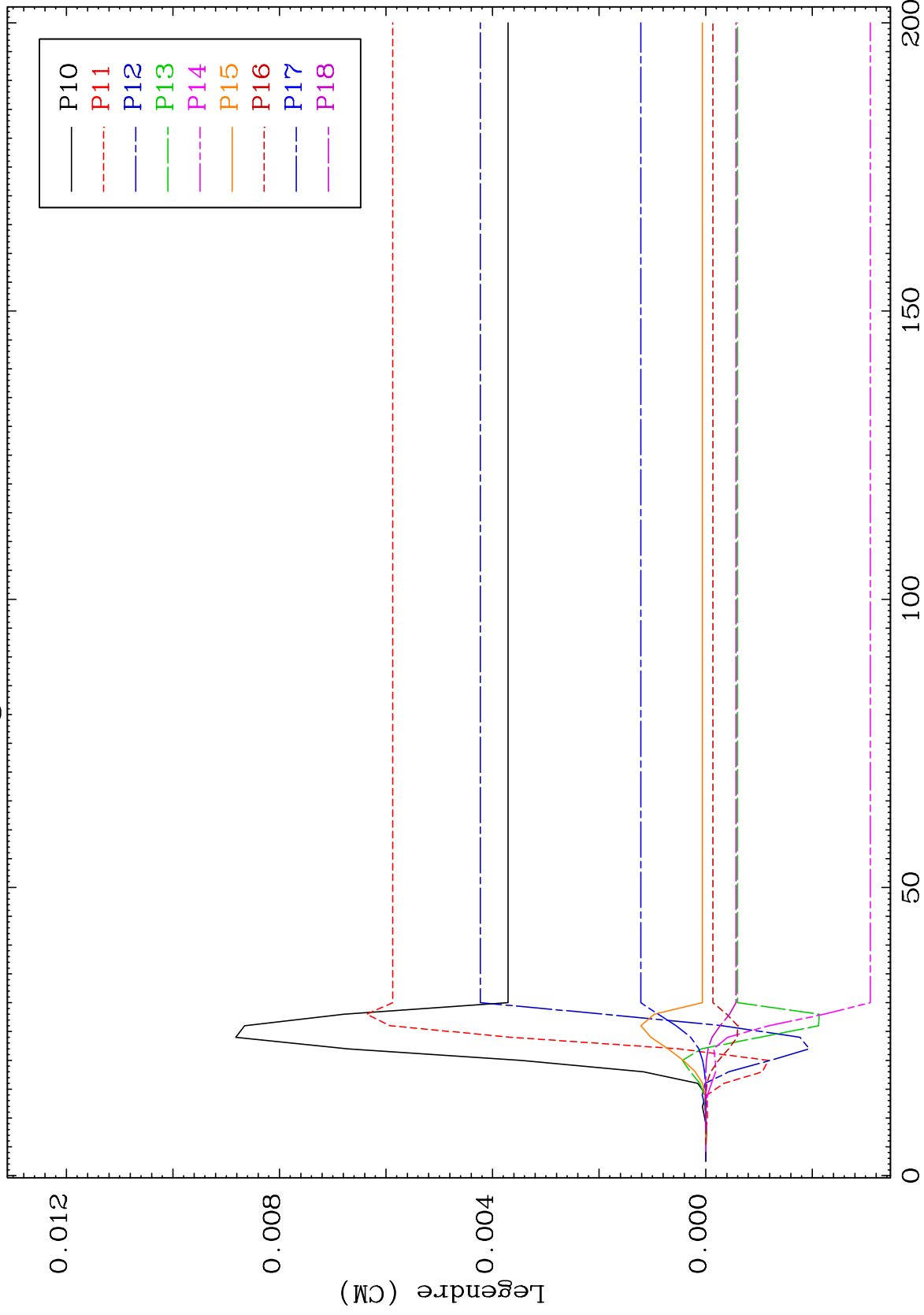
Incident Energy (MeV)

84-Po-206

MAT 8425

2.419 MeV (n,n') Level
Legendre Coefficients

84-Po-206



74

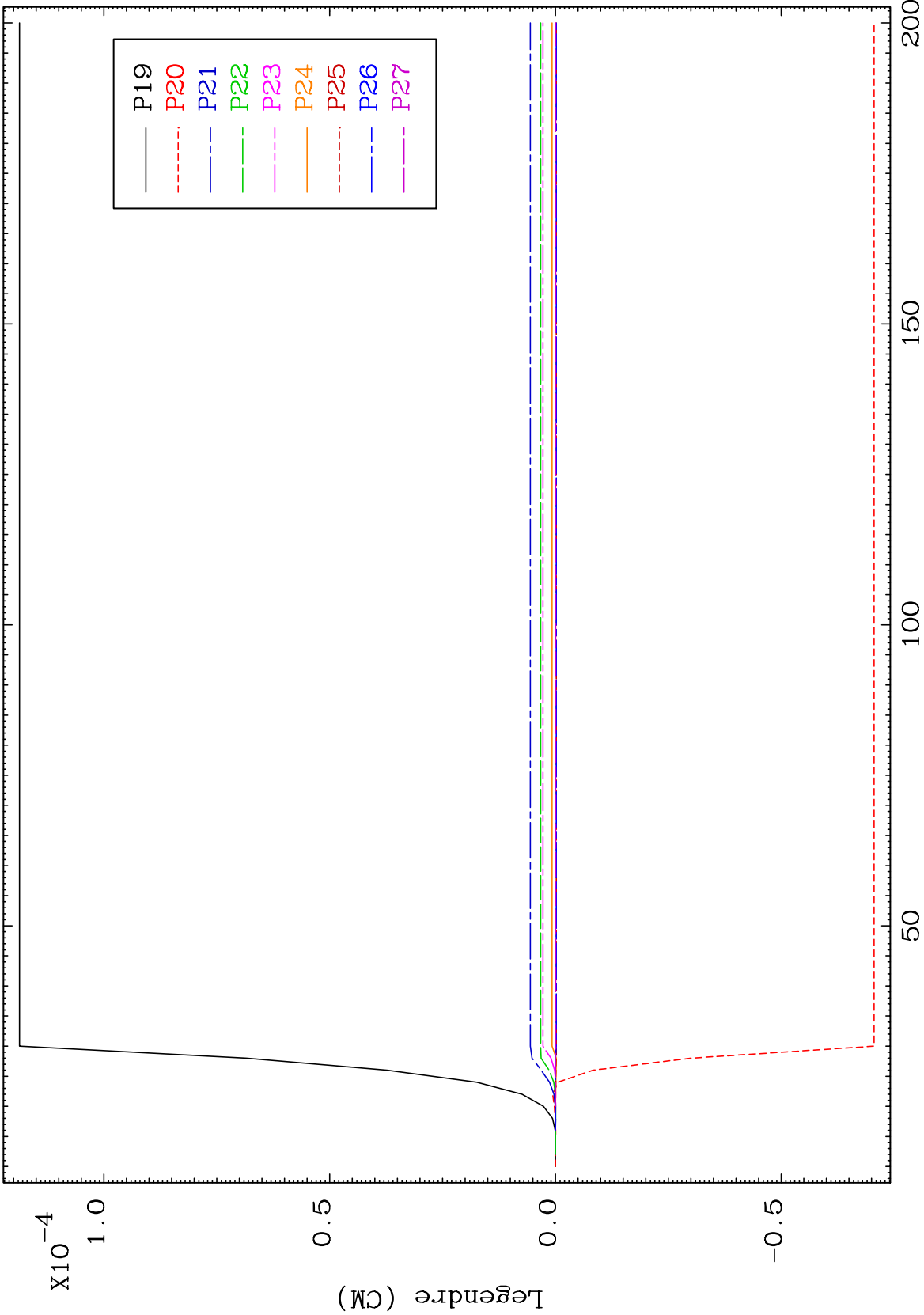
Incident Energy (MeV)

84-Po-206

MAT 8425

2.419 MeV (n,n') Level
Legendre Coefficients

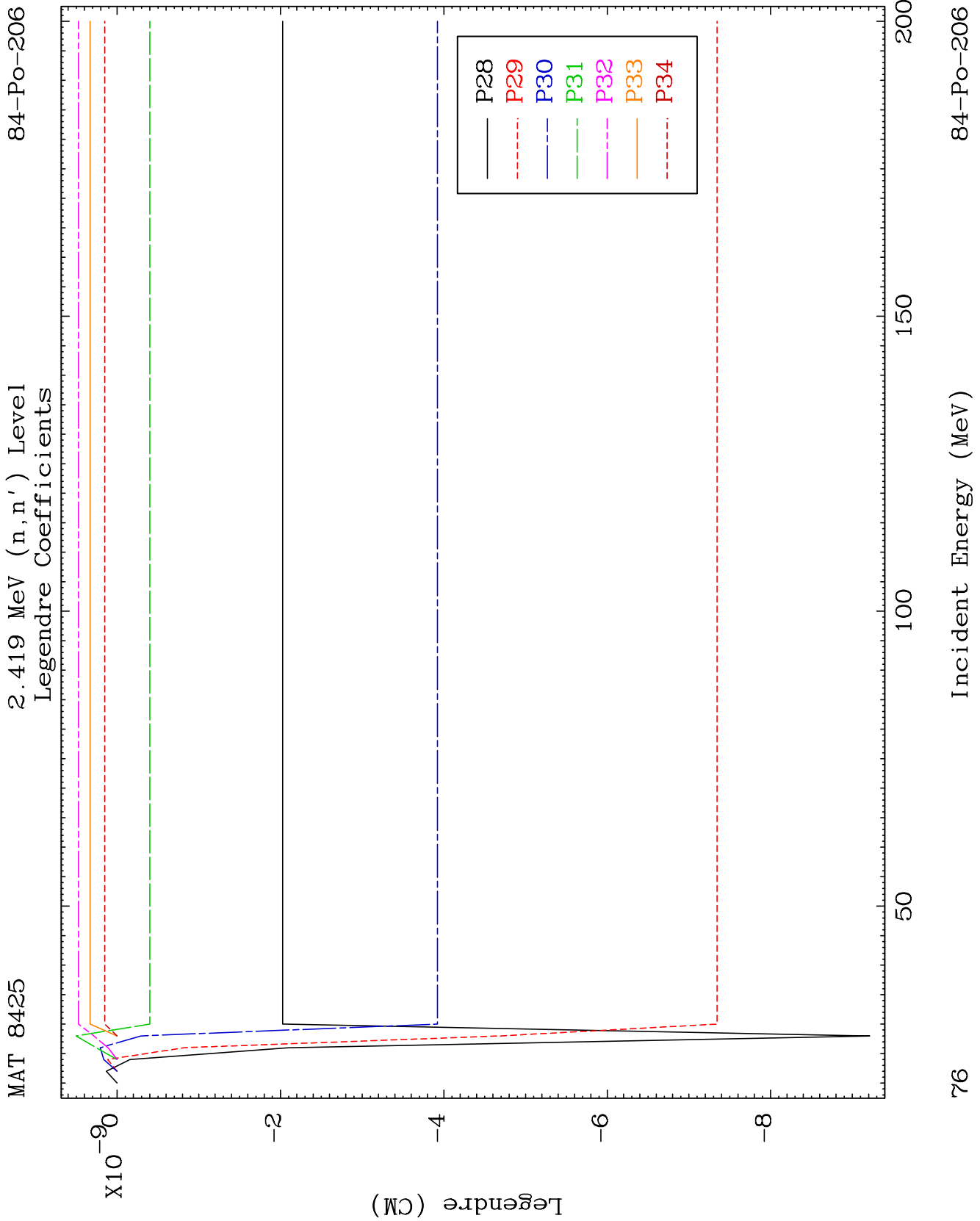
84-Po-206



75

Incident Energy (MeV)

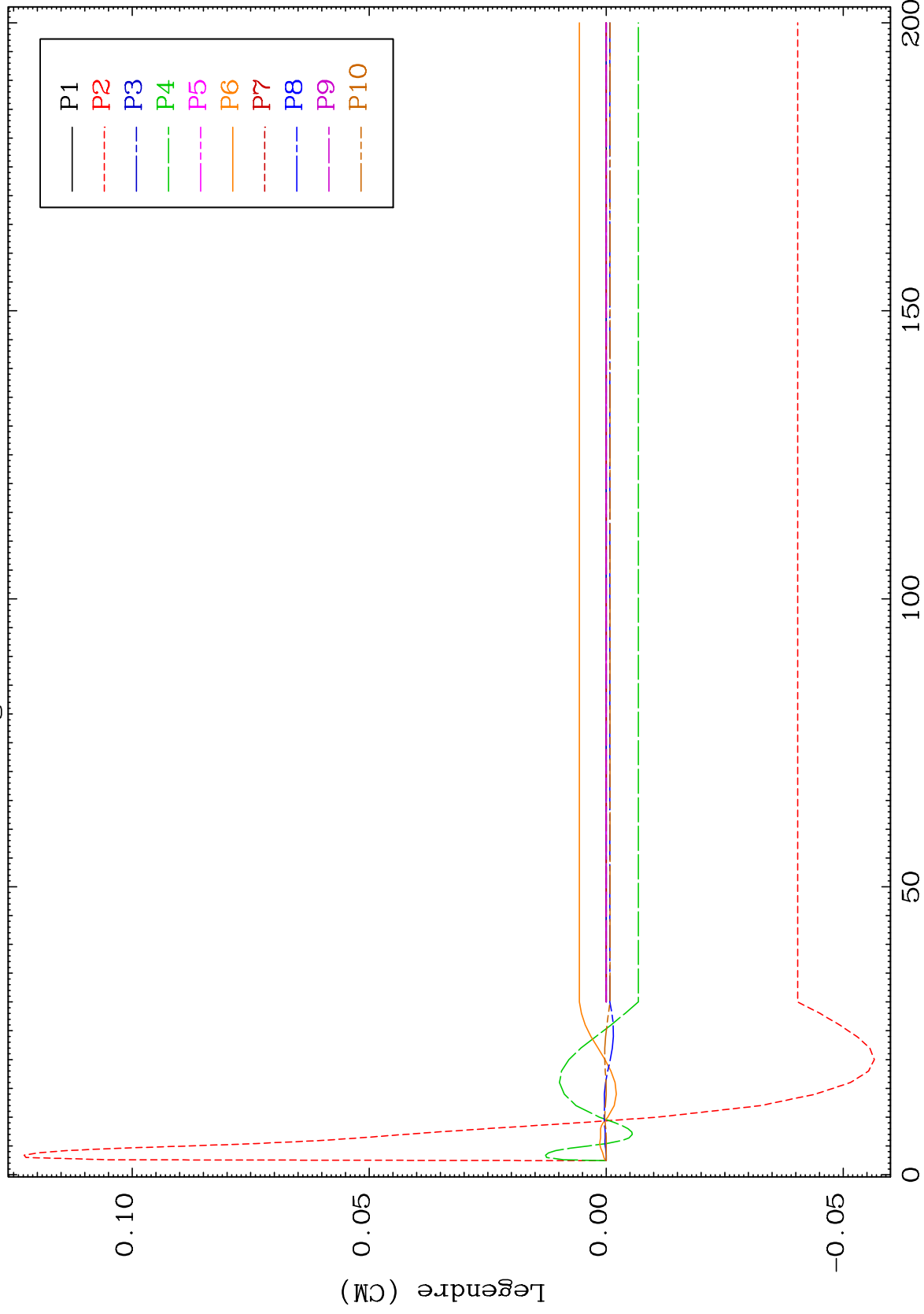
84-Po-206



MAT 8425

2.423 MeV (n,n') Level
Legendre Coefficients

84-Po-206



77

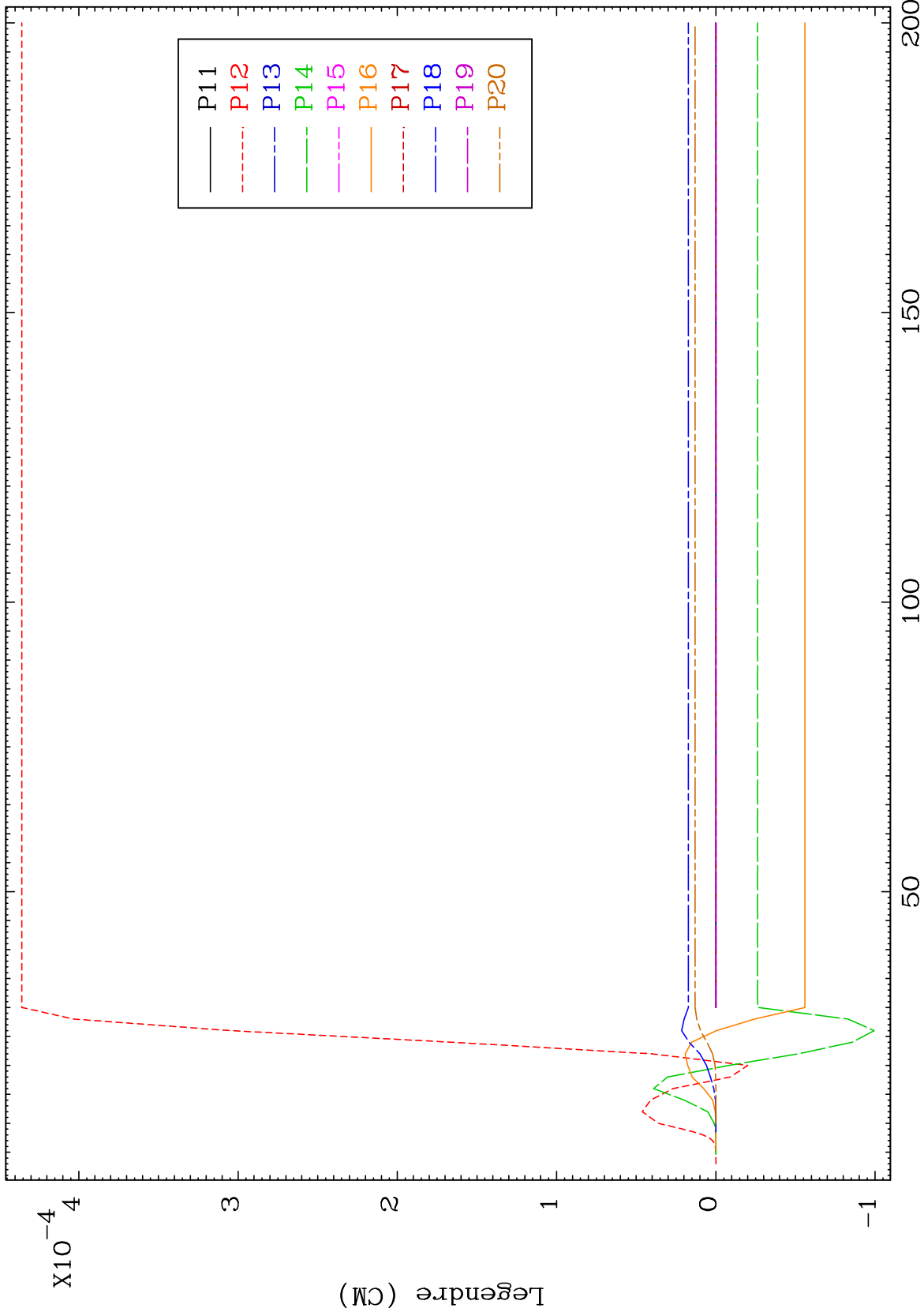
Incident Energy (MeV)

84-Po-206

MAT 8425

2.423 MeV (n,n') Level
Legendre Coefficients

84-Po-206



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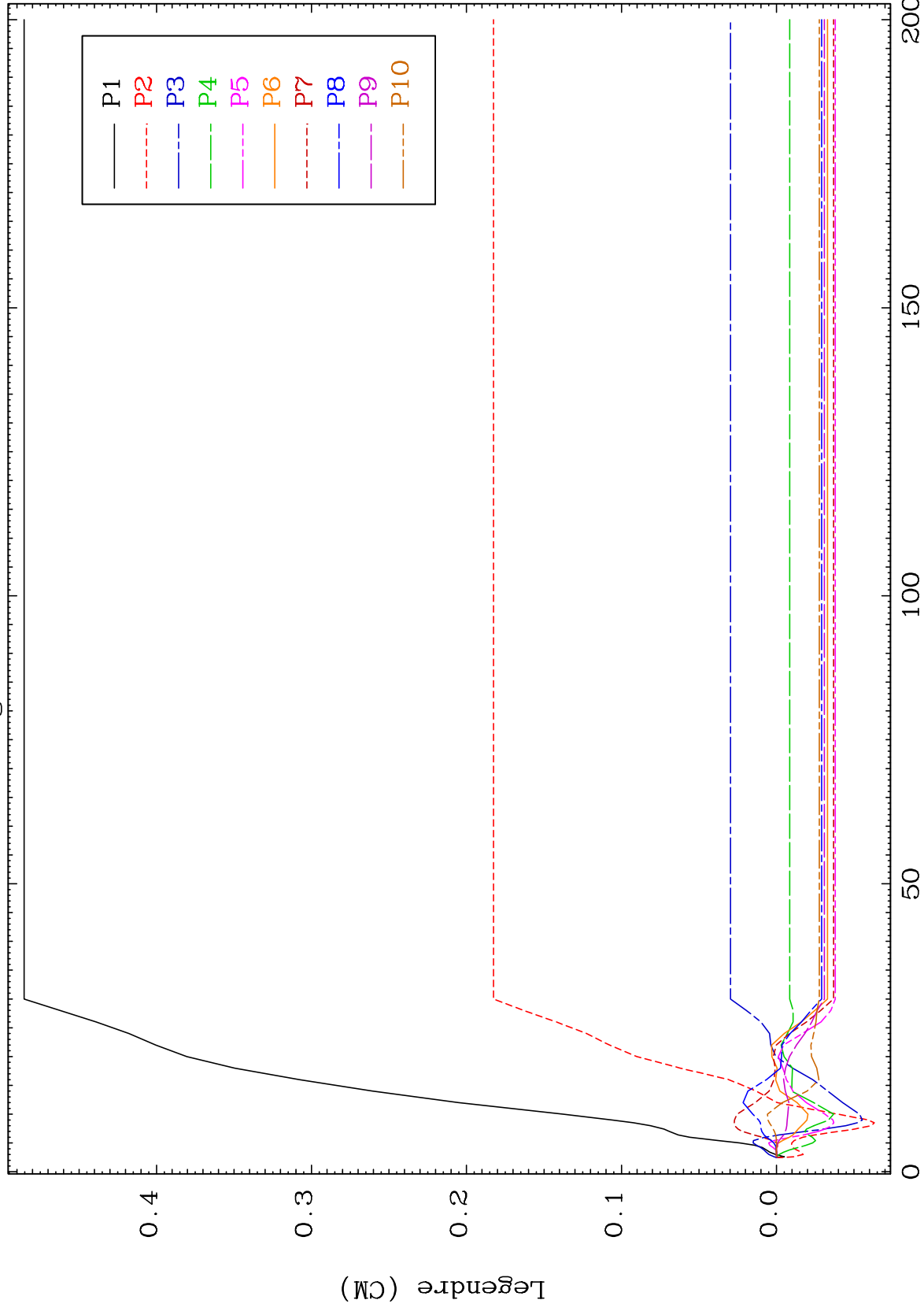
Incident Energy (MeV)

84-Po-206

MAT 8425

2.432 MeV (n,n') Level
Legendre Coefficients

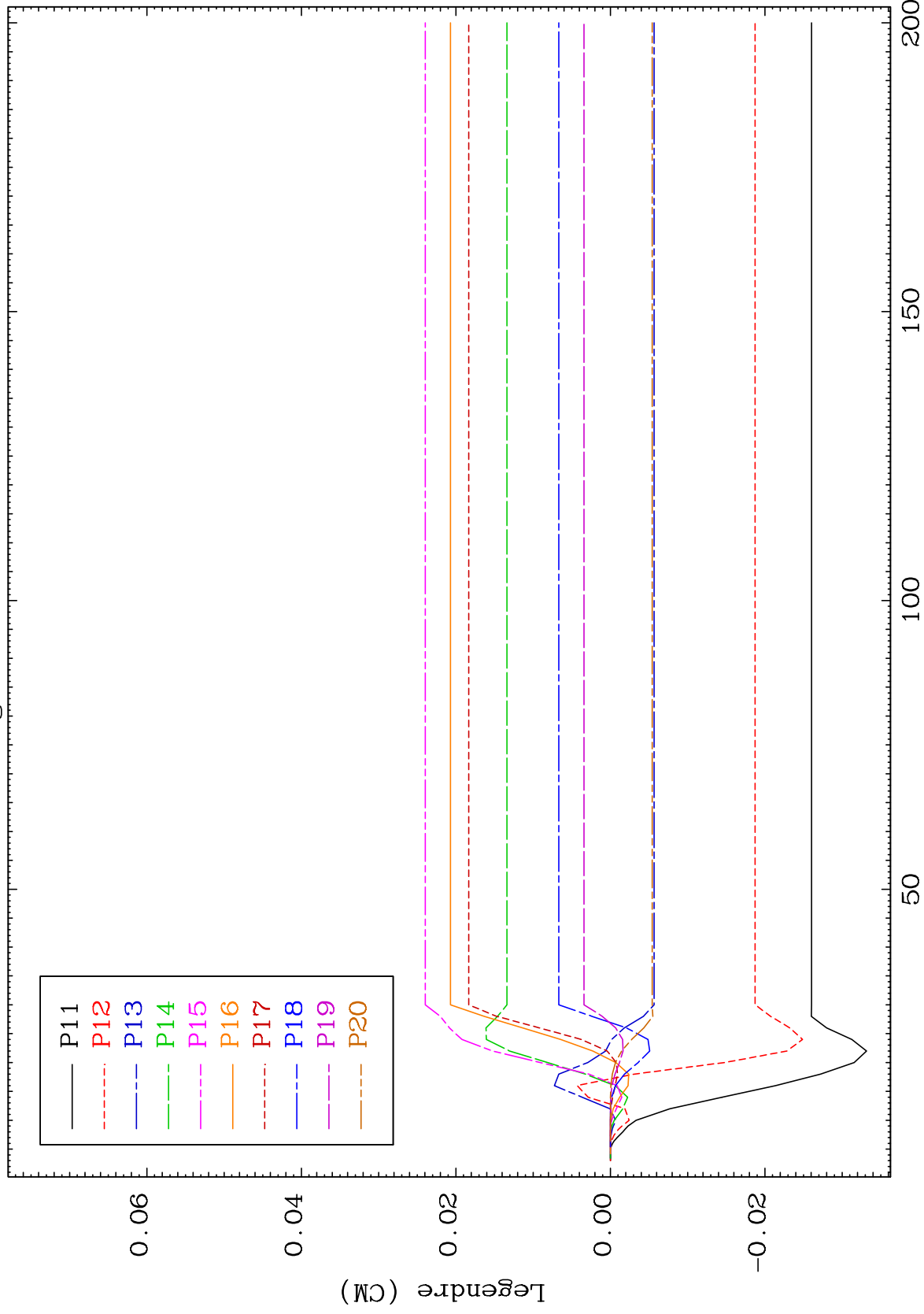
84-Po-206

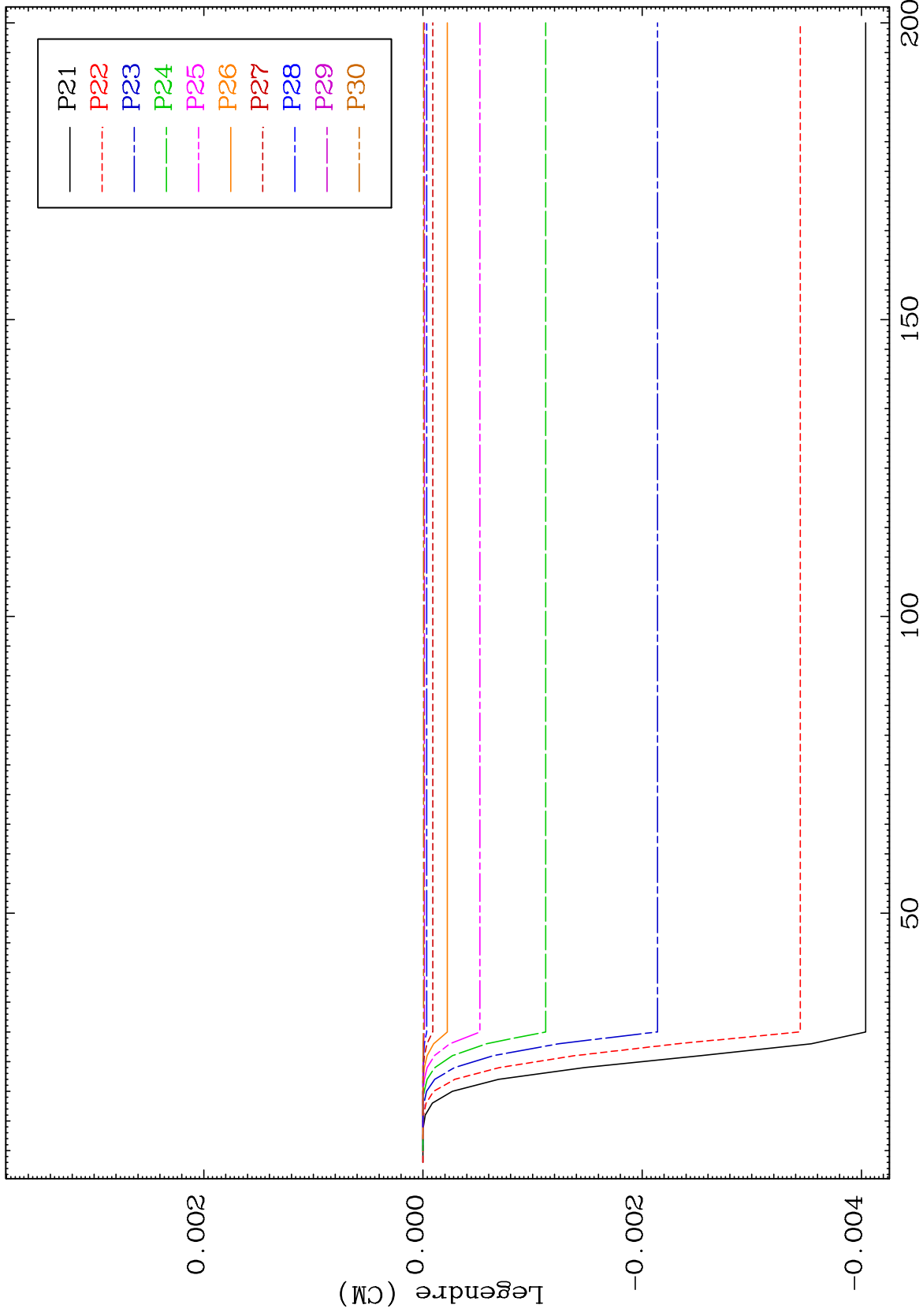


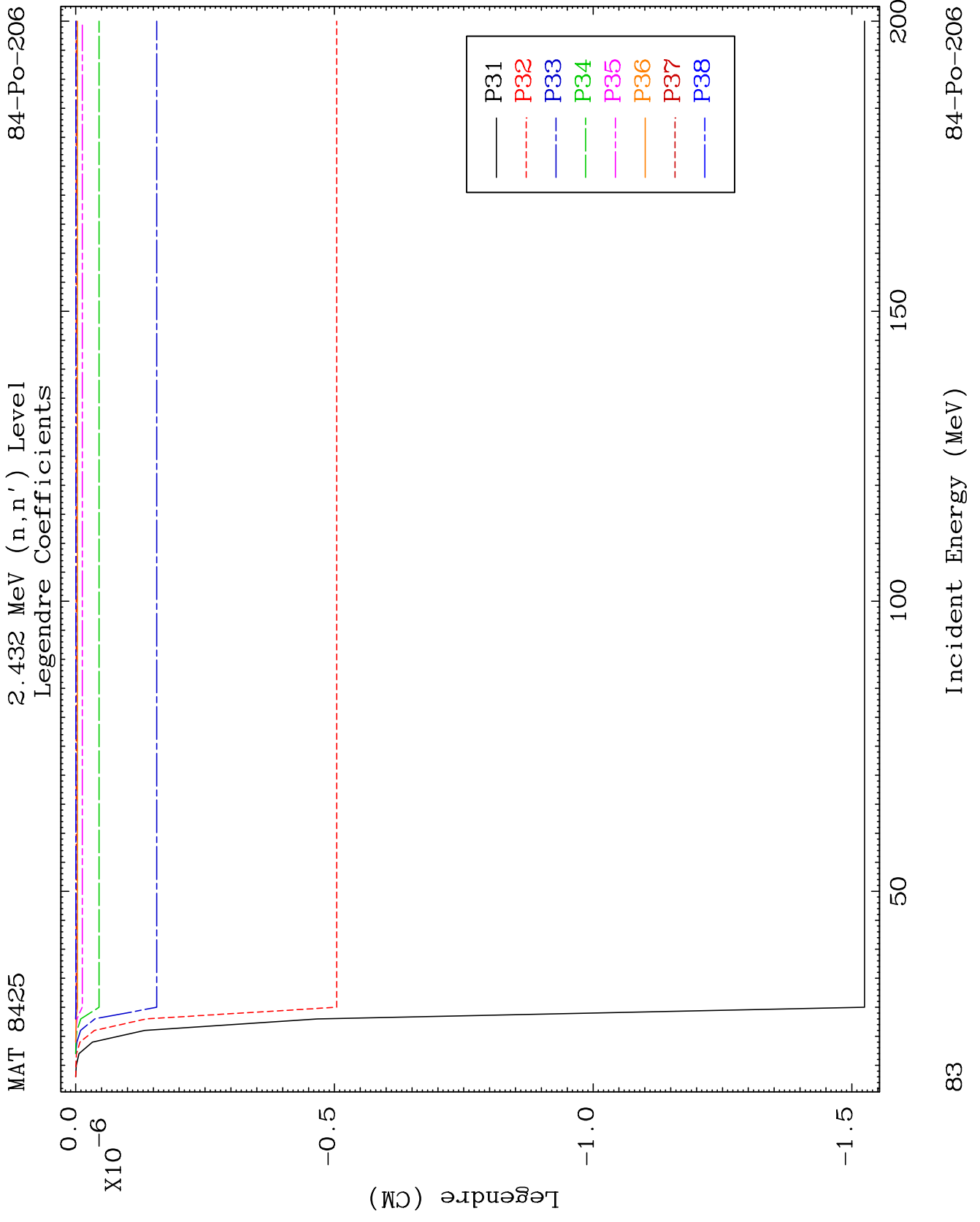
84-Po-206

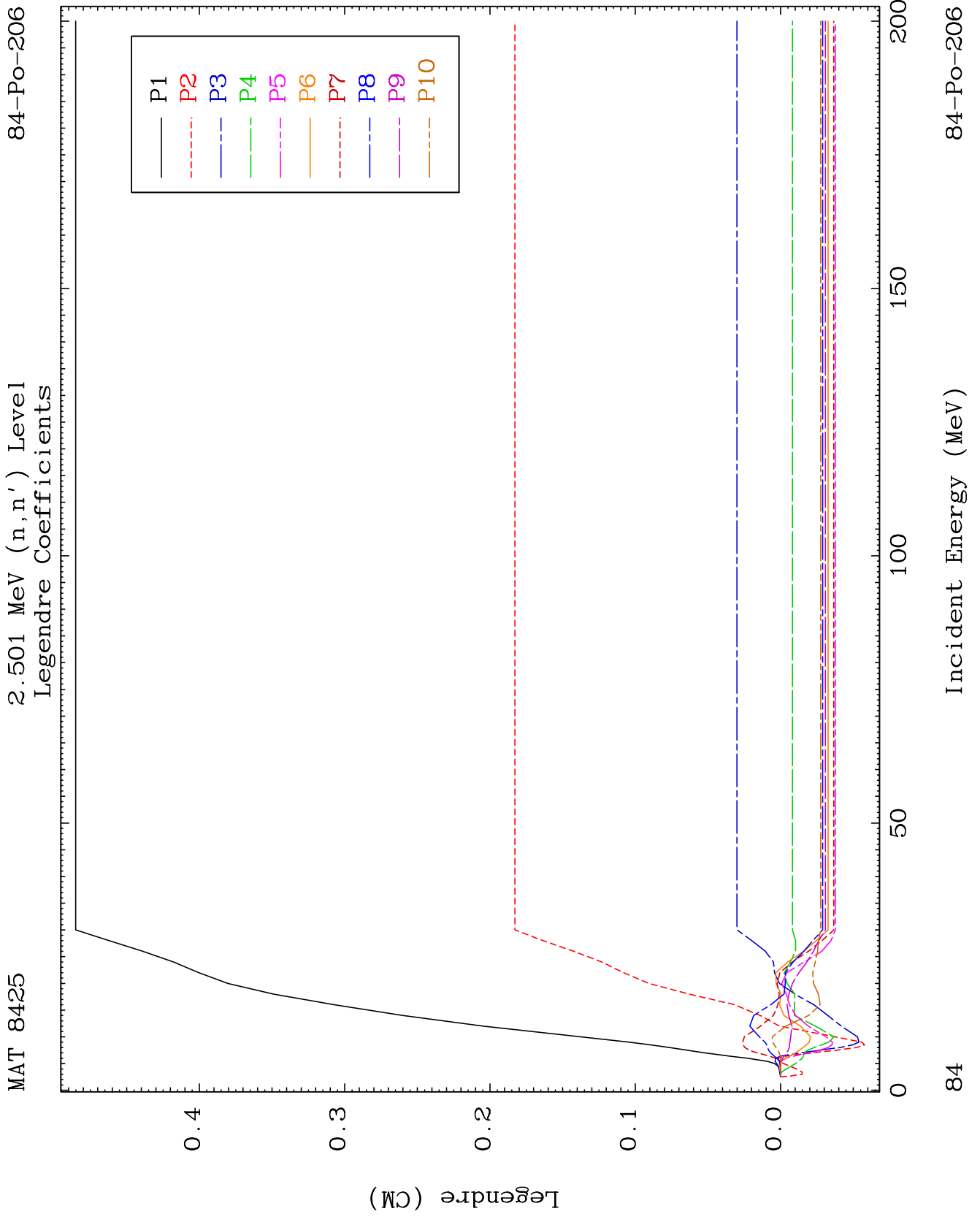
Incident Energy (MeV)

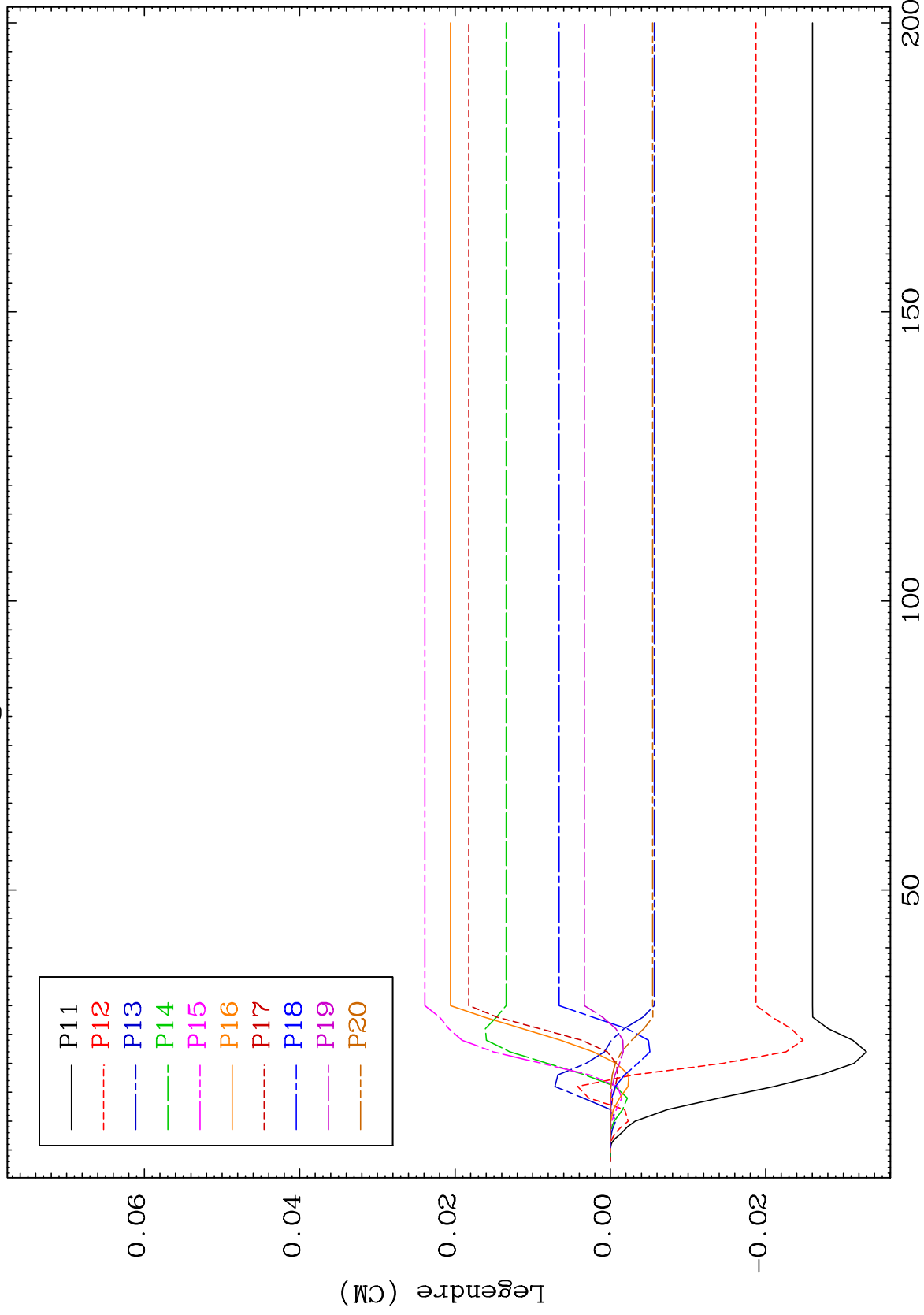
80

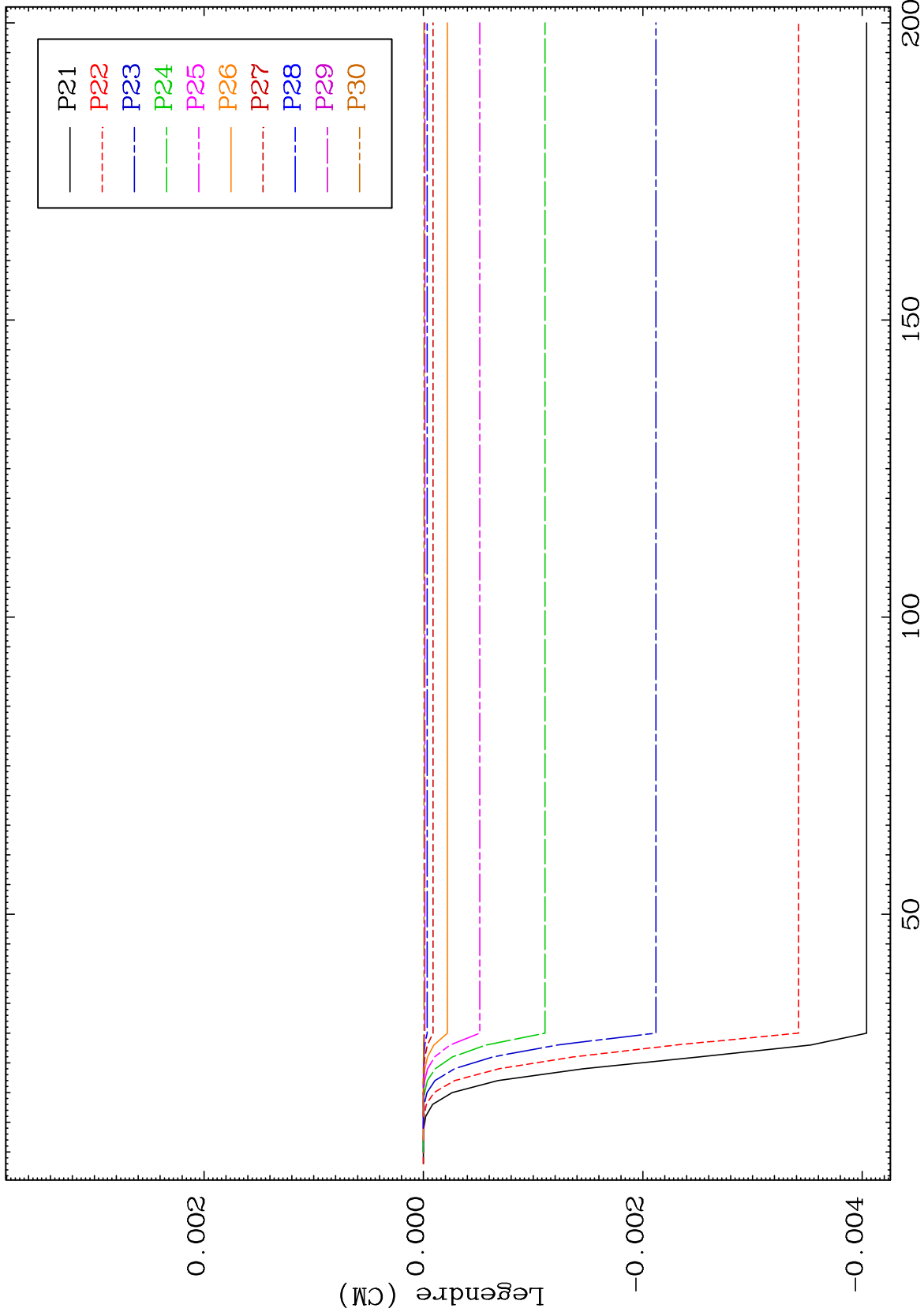


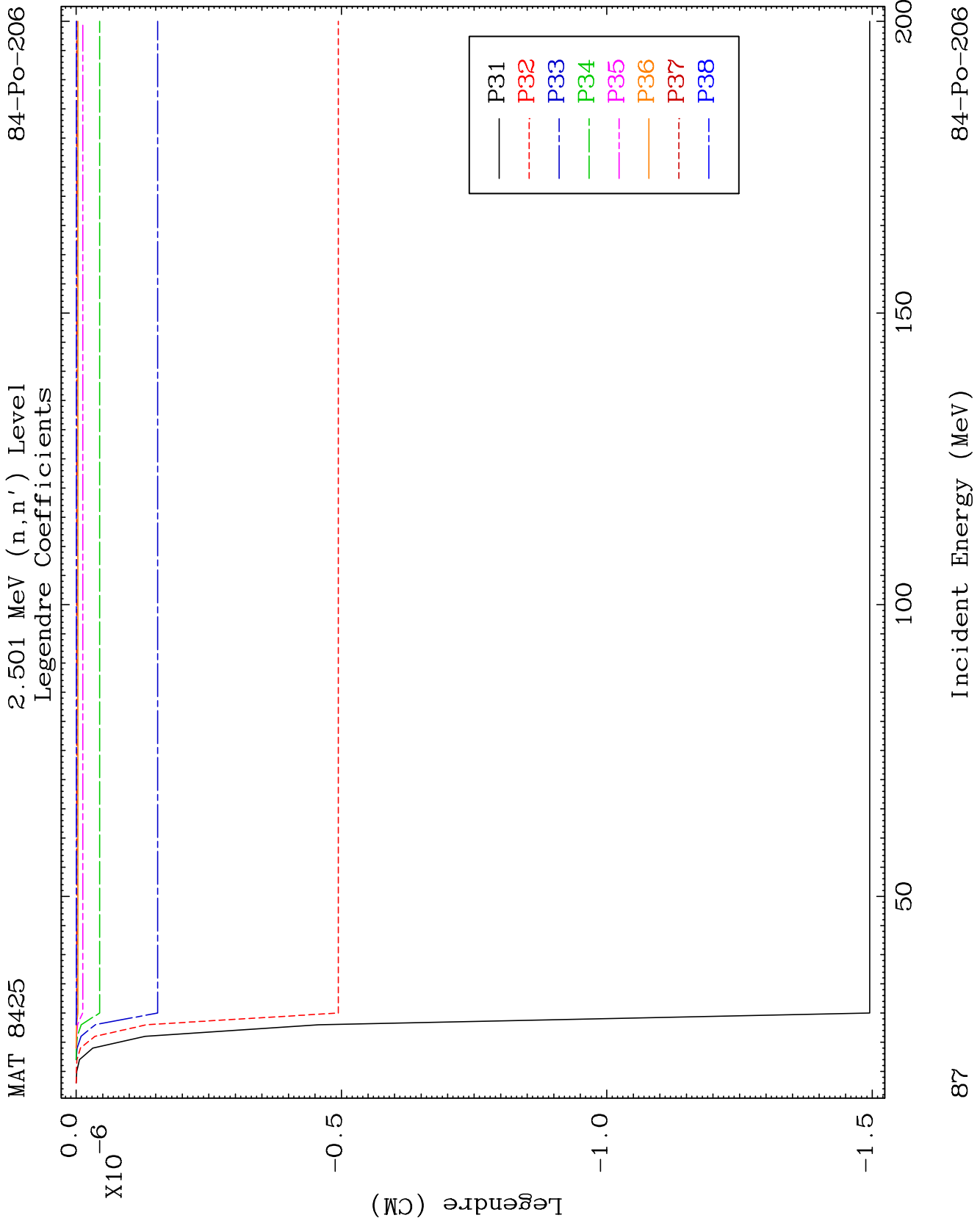








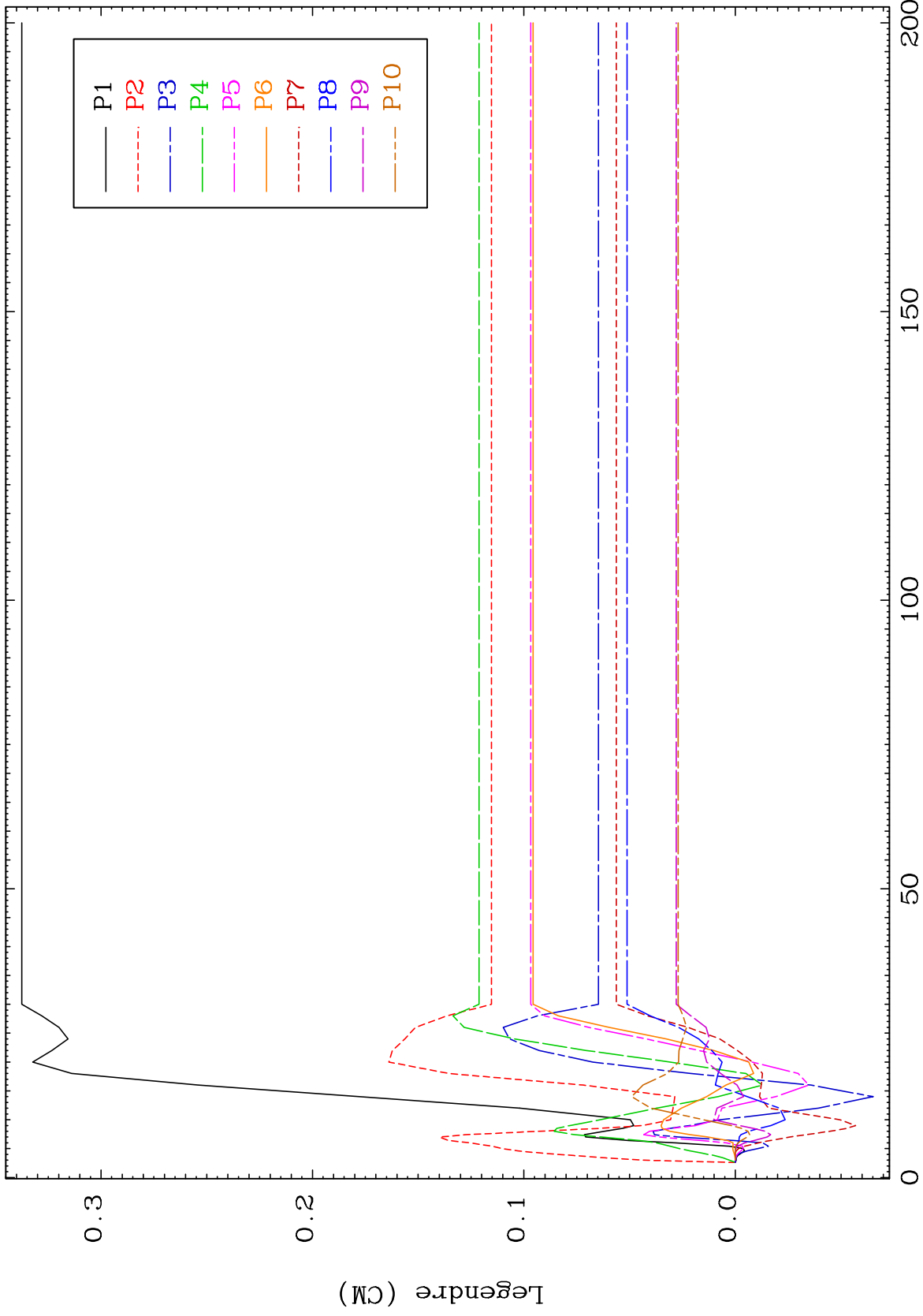




MAT 8425

2.582 MeV (n,n') Level
Legendre Coefficients

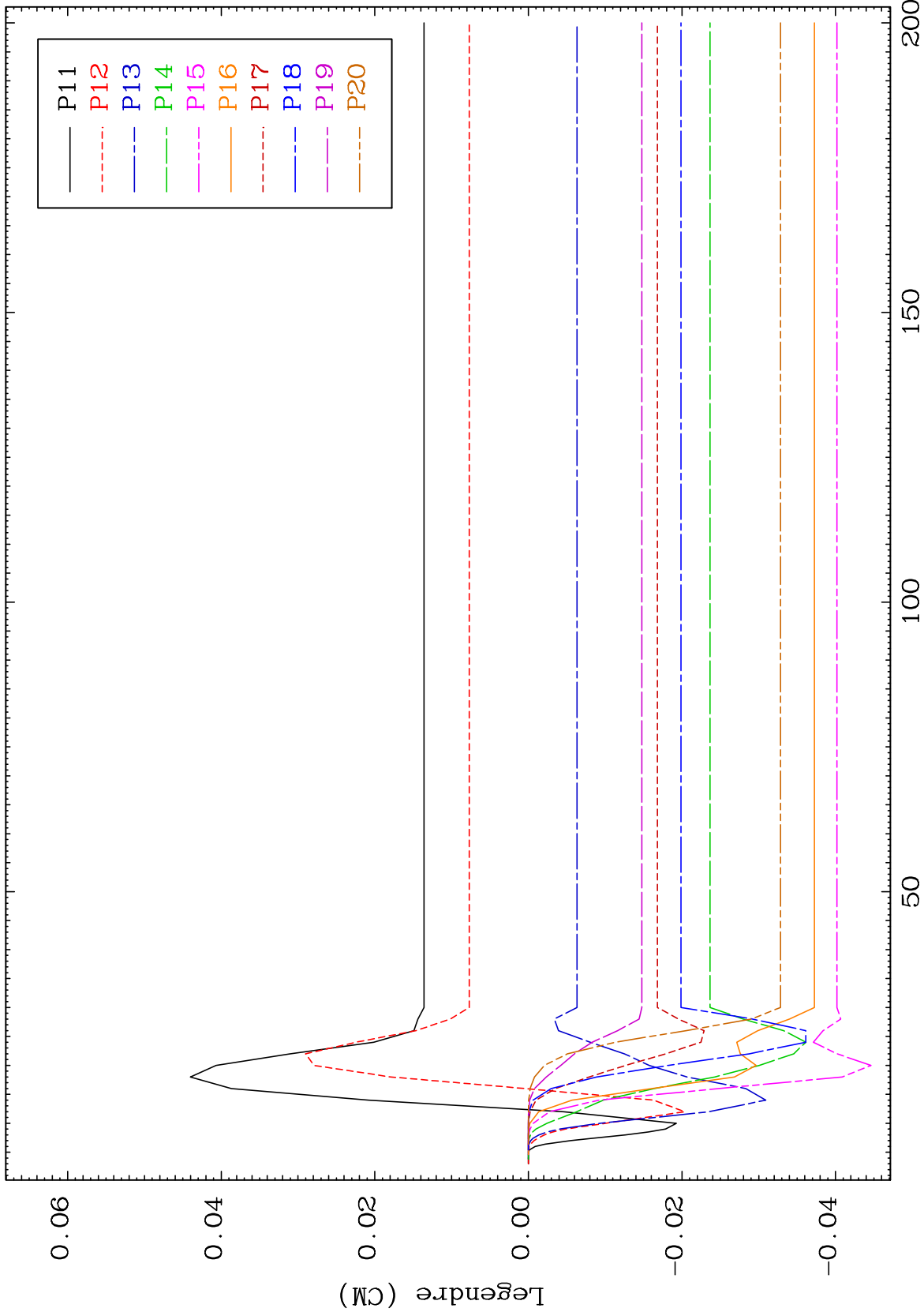
84-Po-206

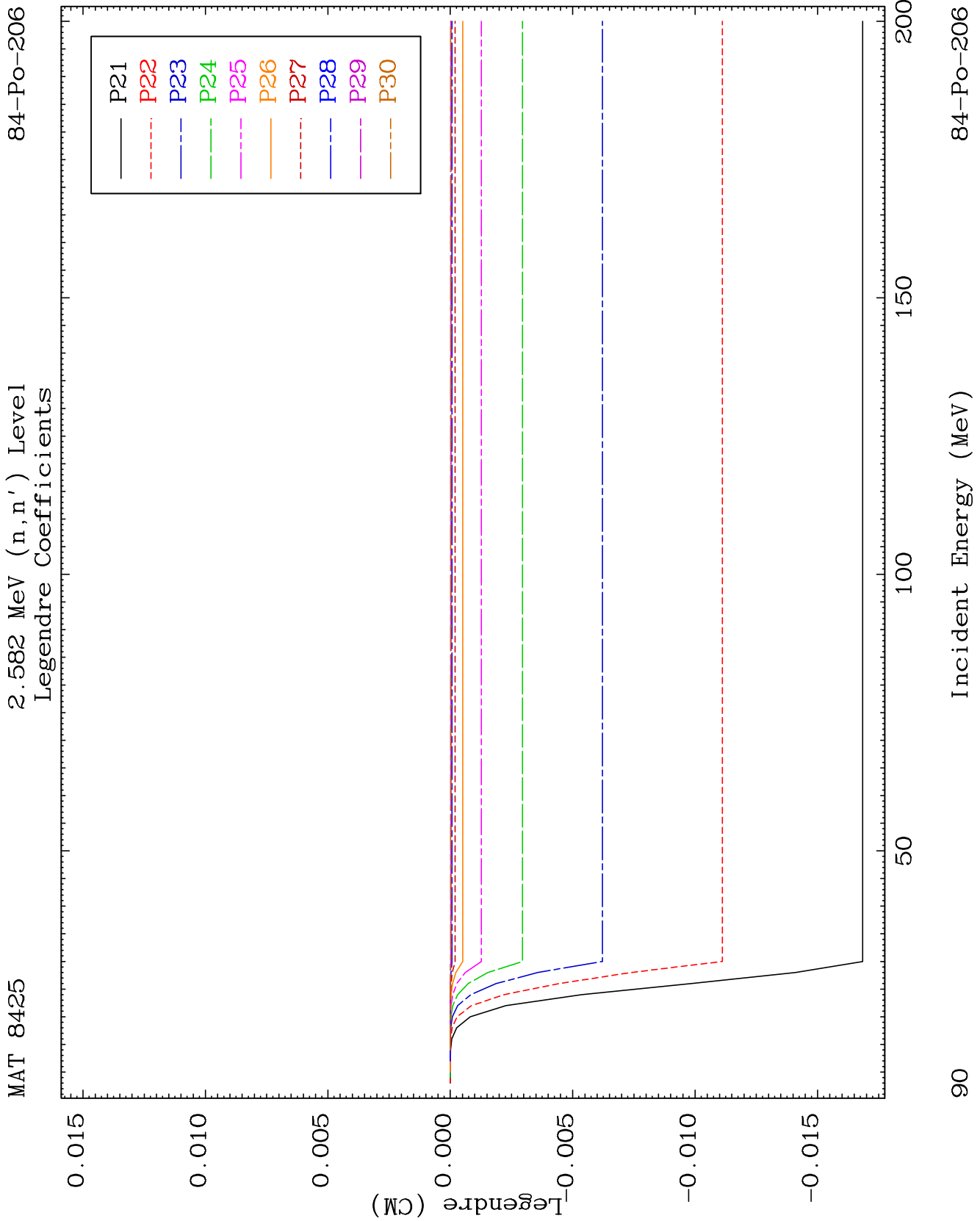


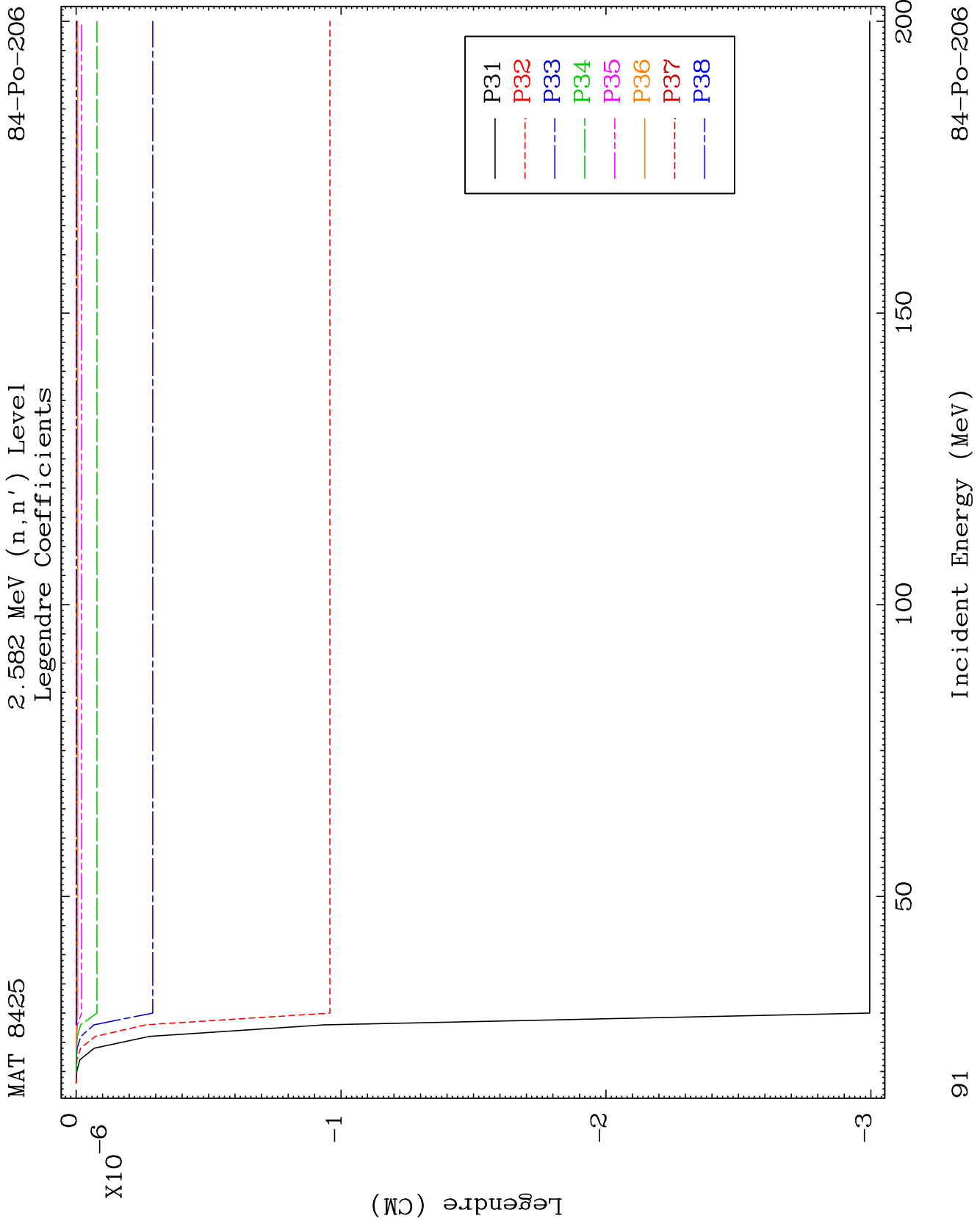
88

Incident Energy (MeV)

84-Po-206



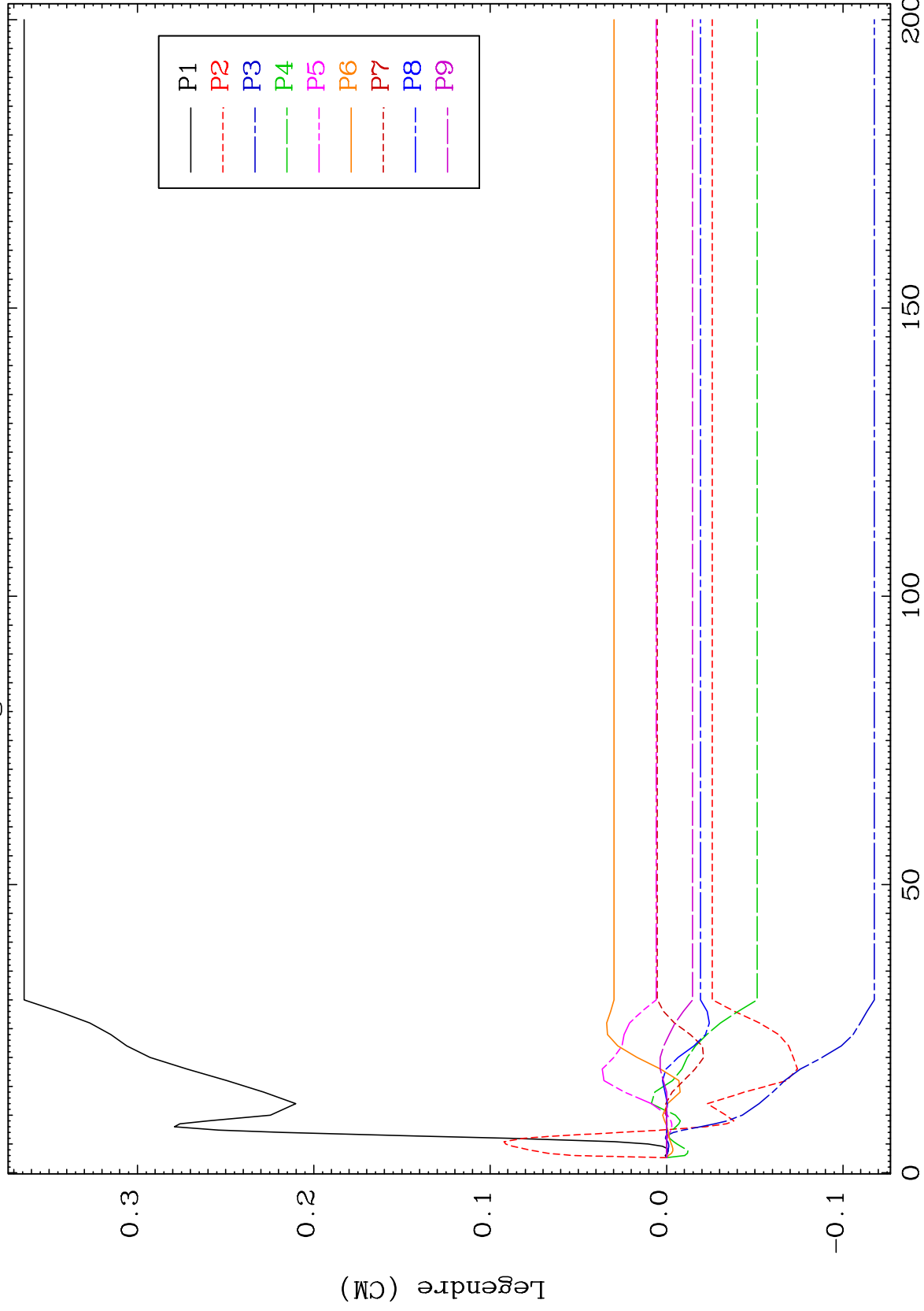




MAT 8425

2.613 MeV (n,n') Level
Legendre Coefficients

84-Po-206



92

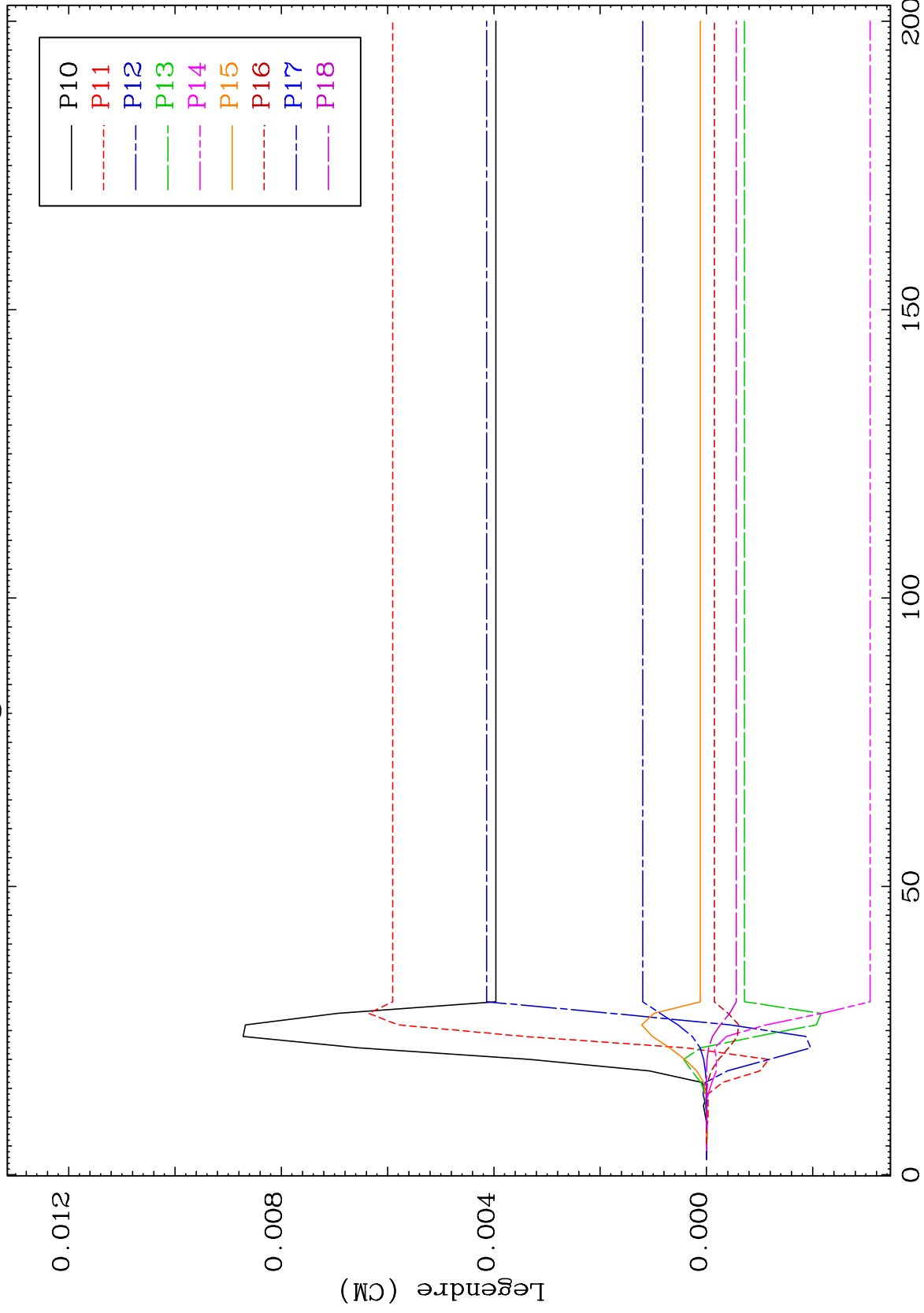
Incident Energy (MeV)

84-Po-206

MAT 8425

2.613 MeV (n,n') Level
Legendre Coefficients

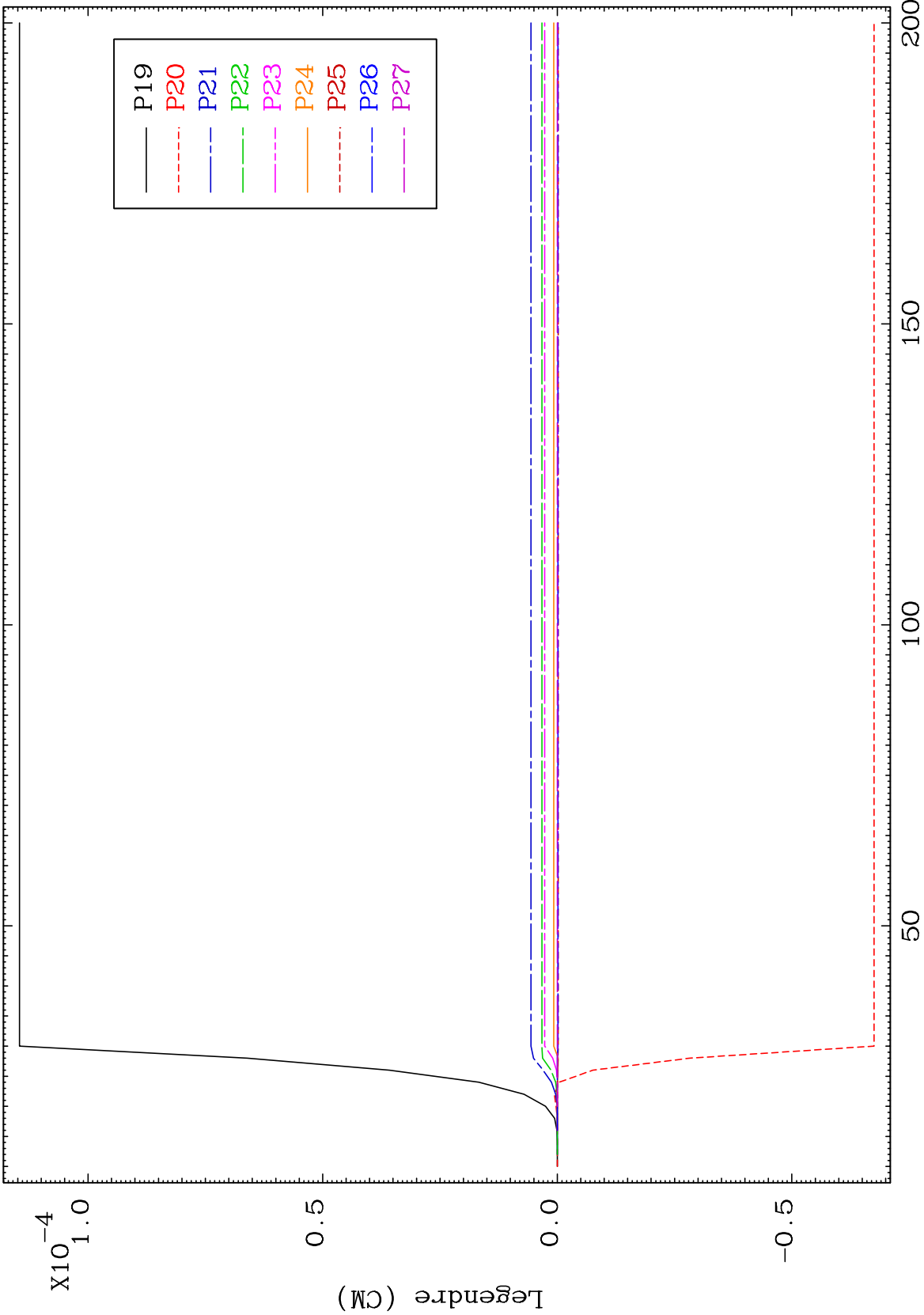
84-Po-206

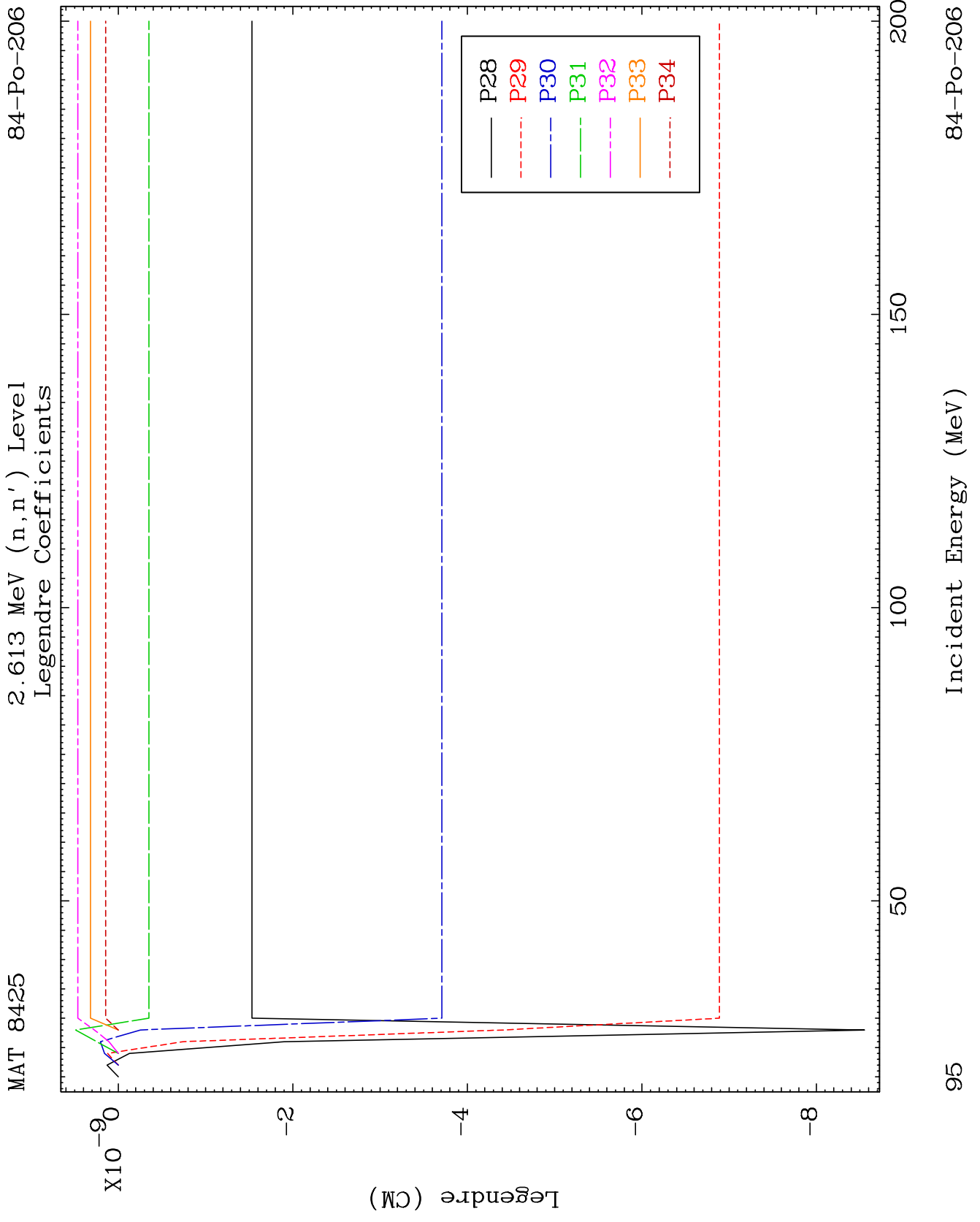


93

Incident Energy (MeV)

84-Po-206

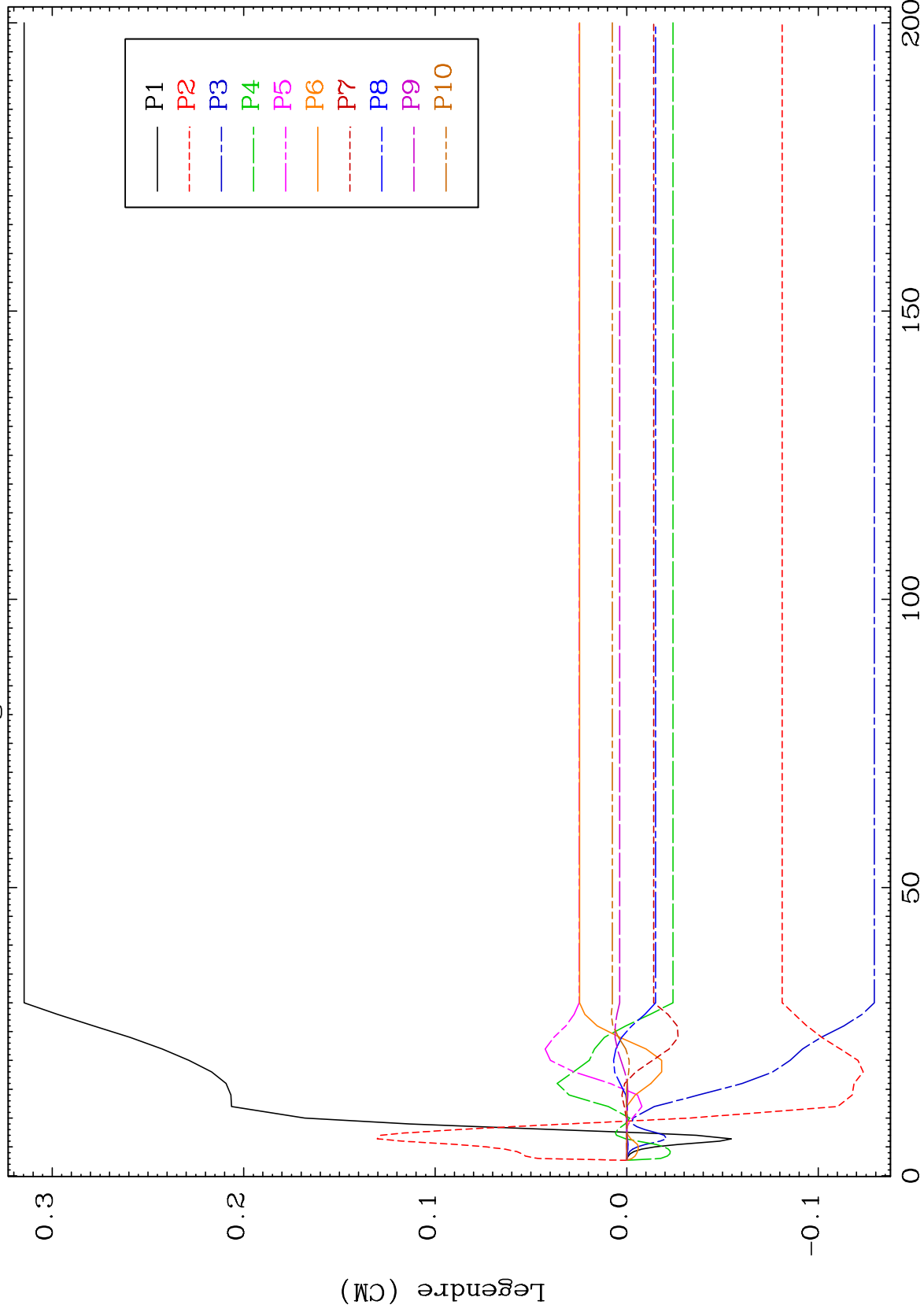




MAT 8425

2.656 MeV (n,n') Level
Legendre Coefficients

84-Po-206



96

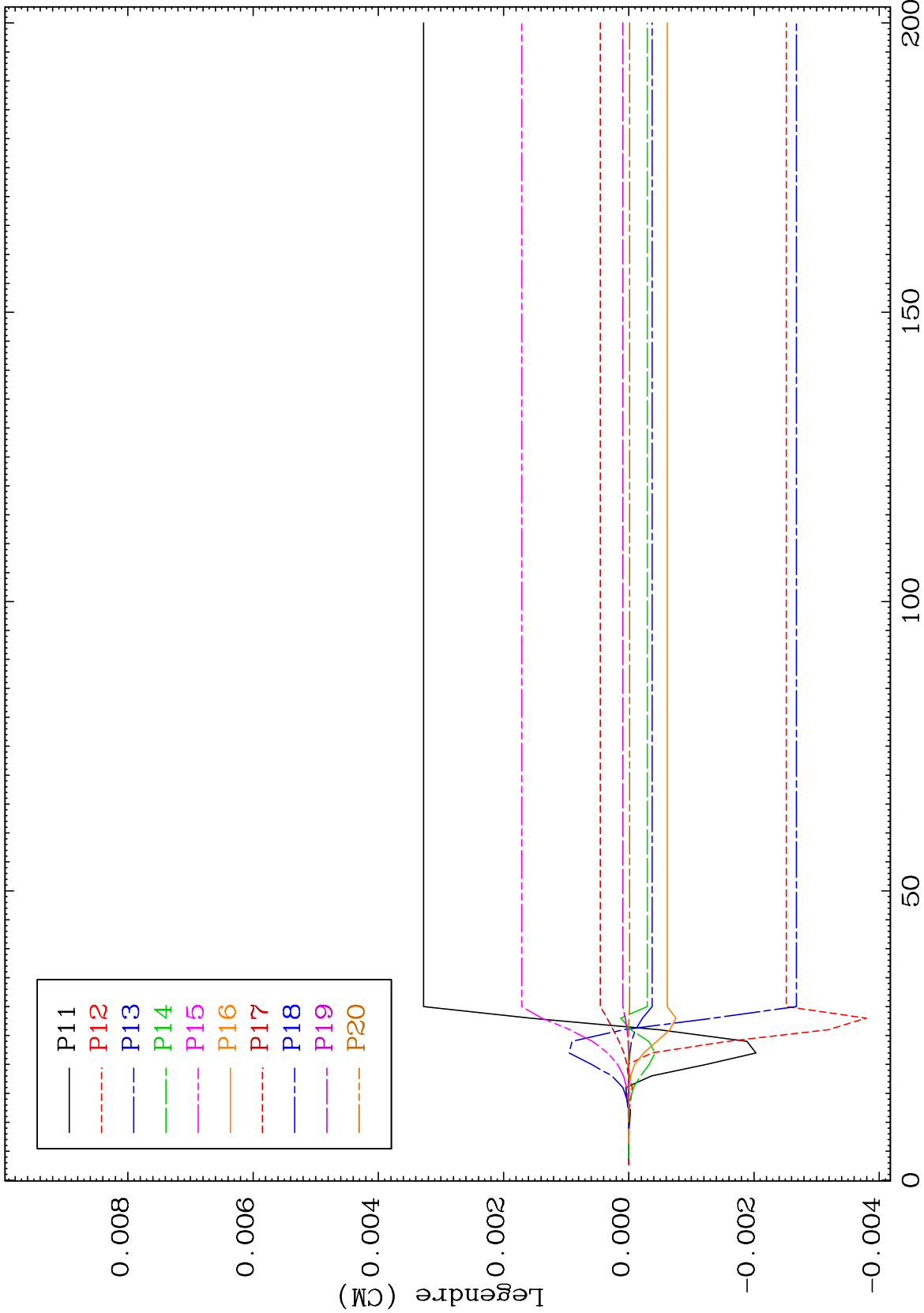
Incident Energy (MeV)

84-Po-206

MAT 8425

2.656 MeV (n, n') Level
Legendre Coefficients

84-Po-206



97

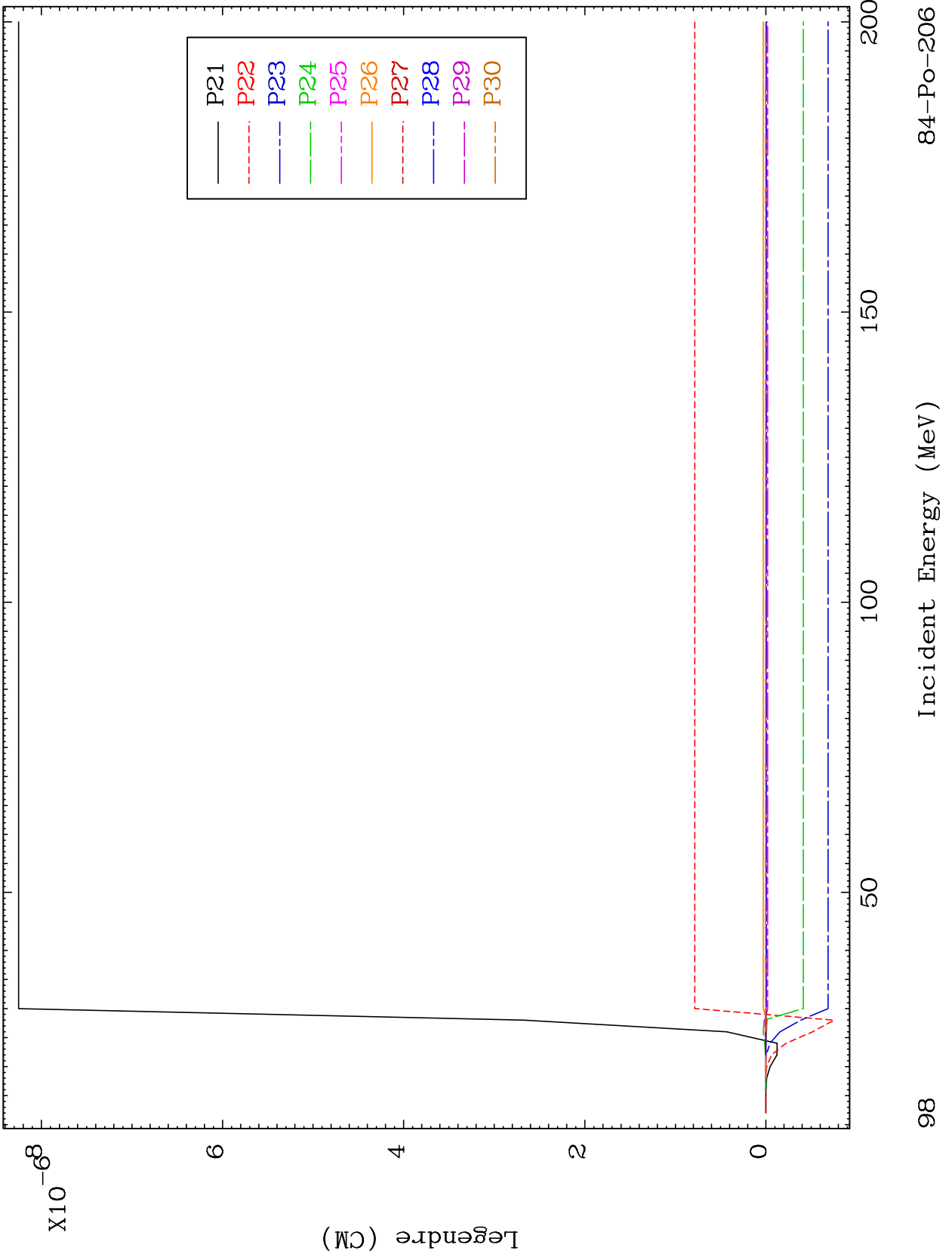
Incident Energy (MeV)

84-Po-206

MAT 8425

2.656 MeV (n,n') Level
Legendre Coefficients

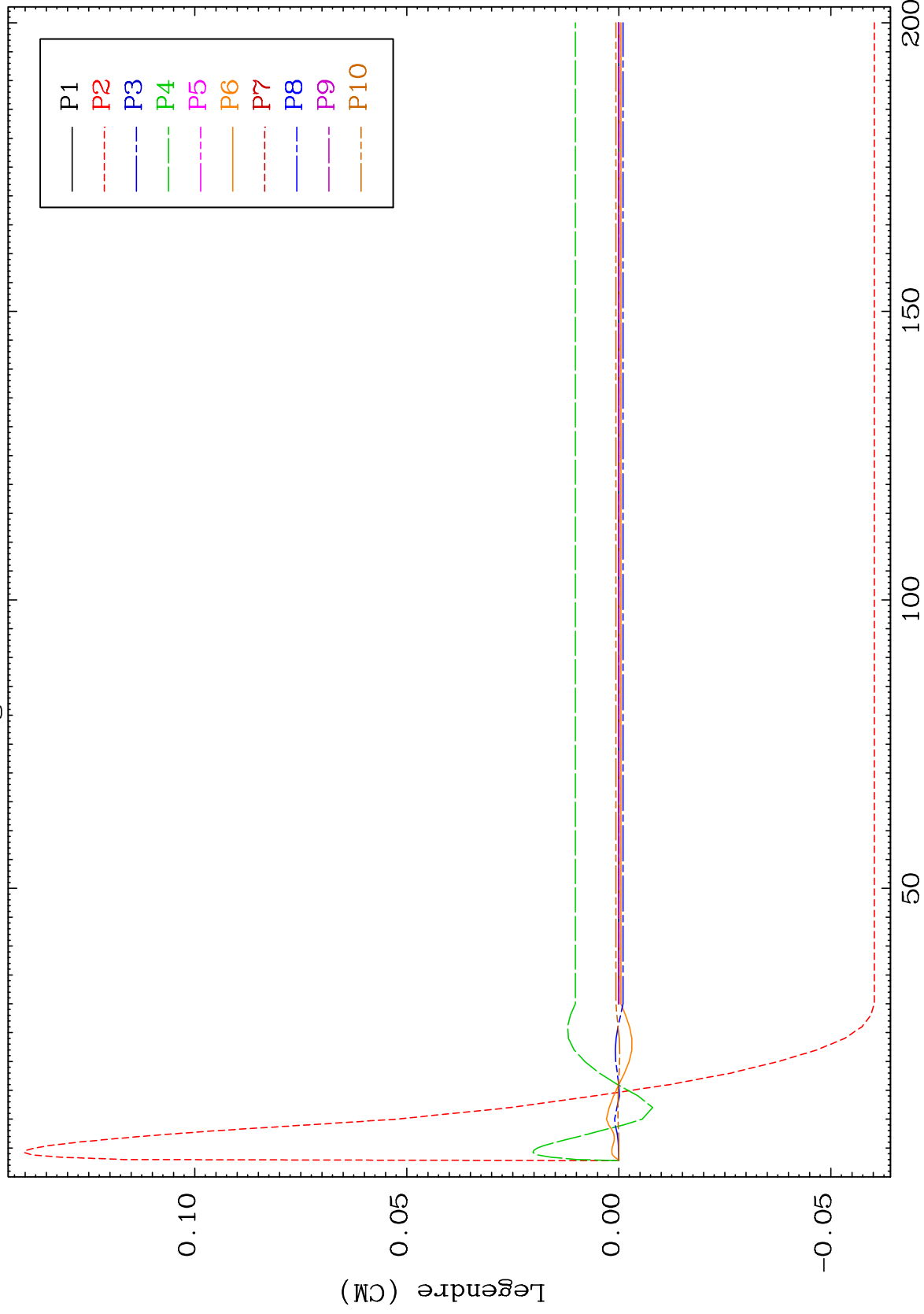
84-Po-206



MAT 8425

2.781 MeV (n,n') Level
Legendre Coefficients

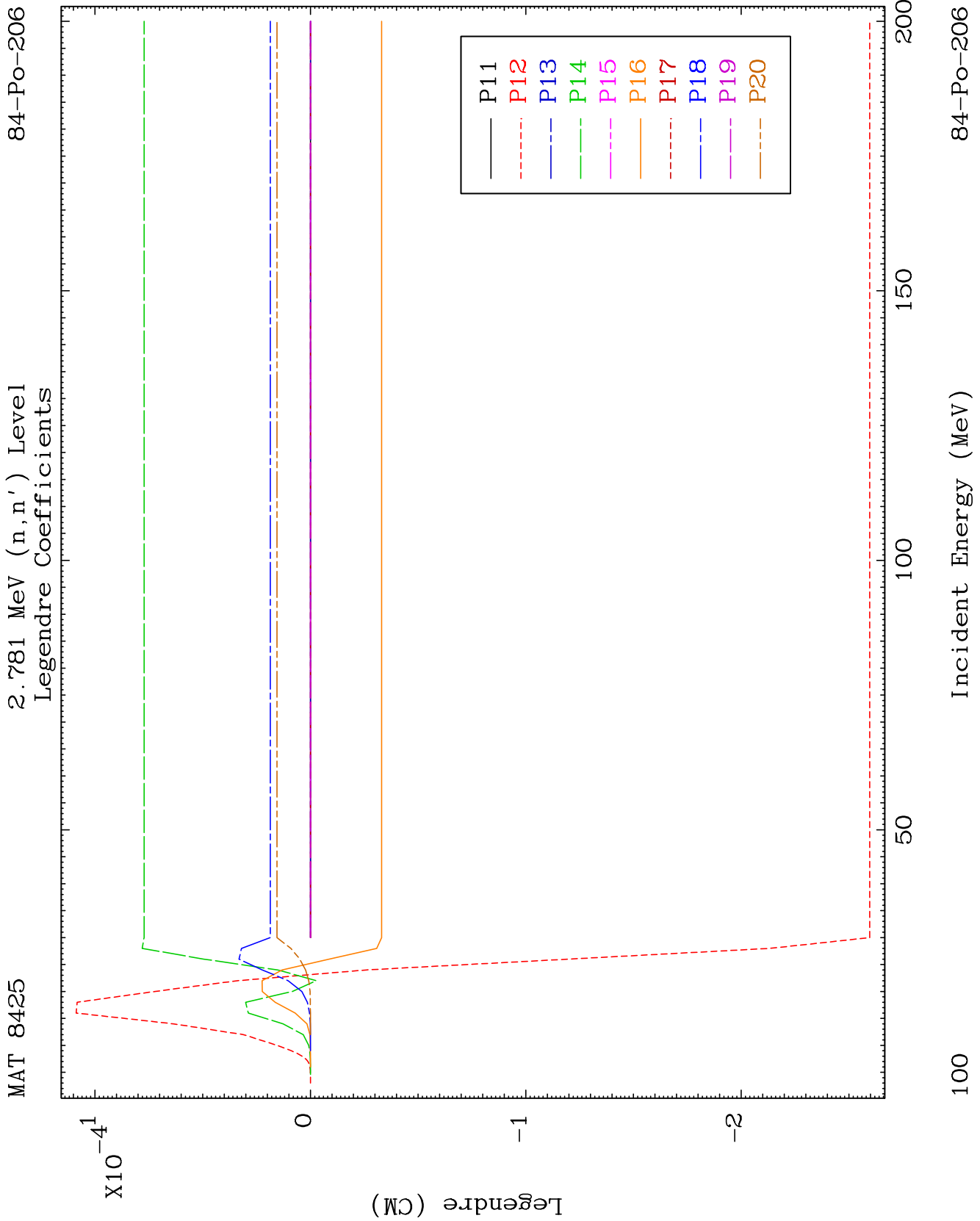
84-Po-206

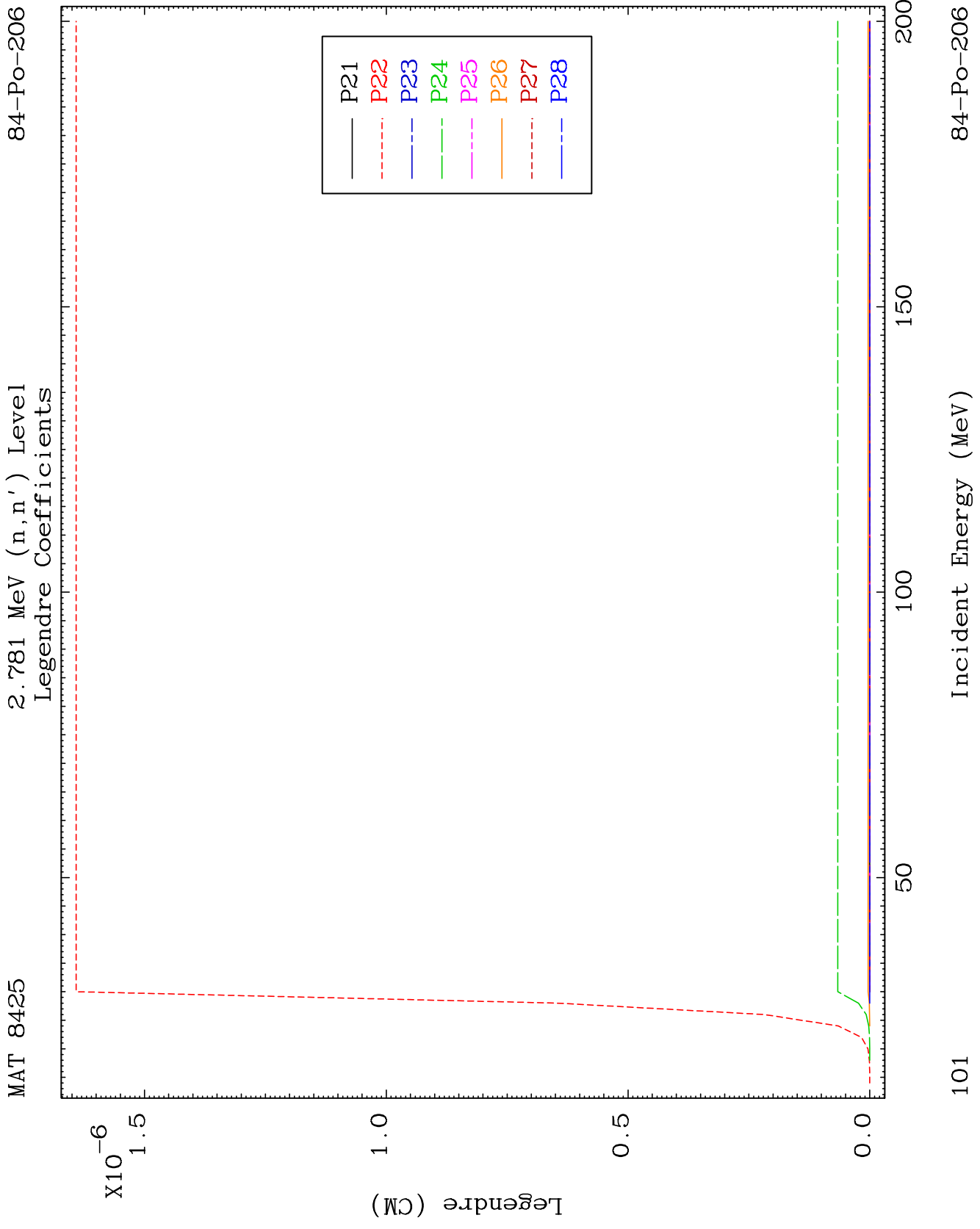


99

Incident Energy (MeV)

84-Po-206

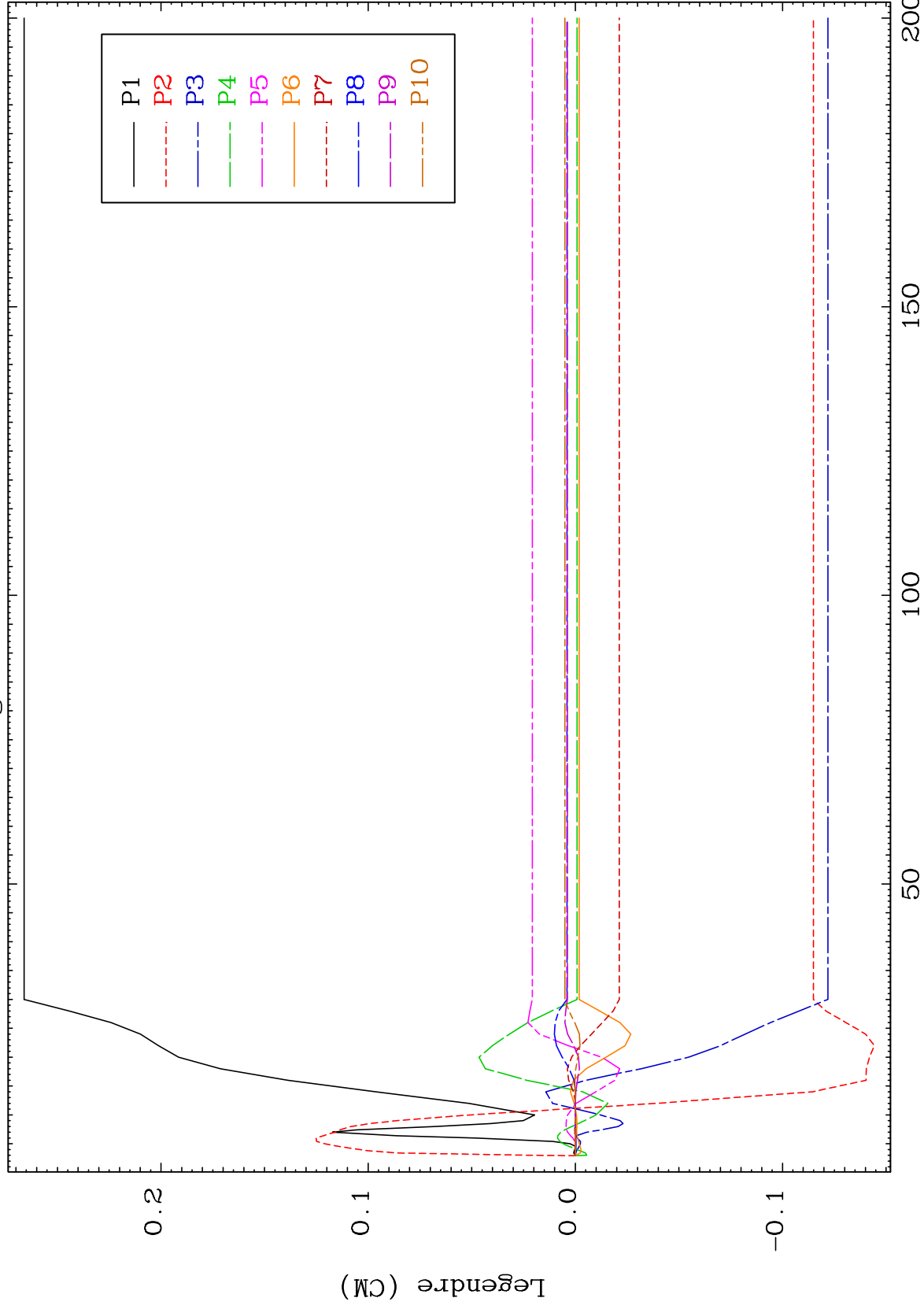




MAT 8425

2.902 MeV (n,n') Level
Legendre Coefficients

84-Po-206



102

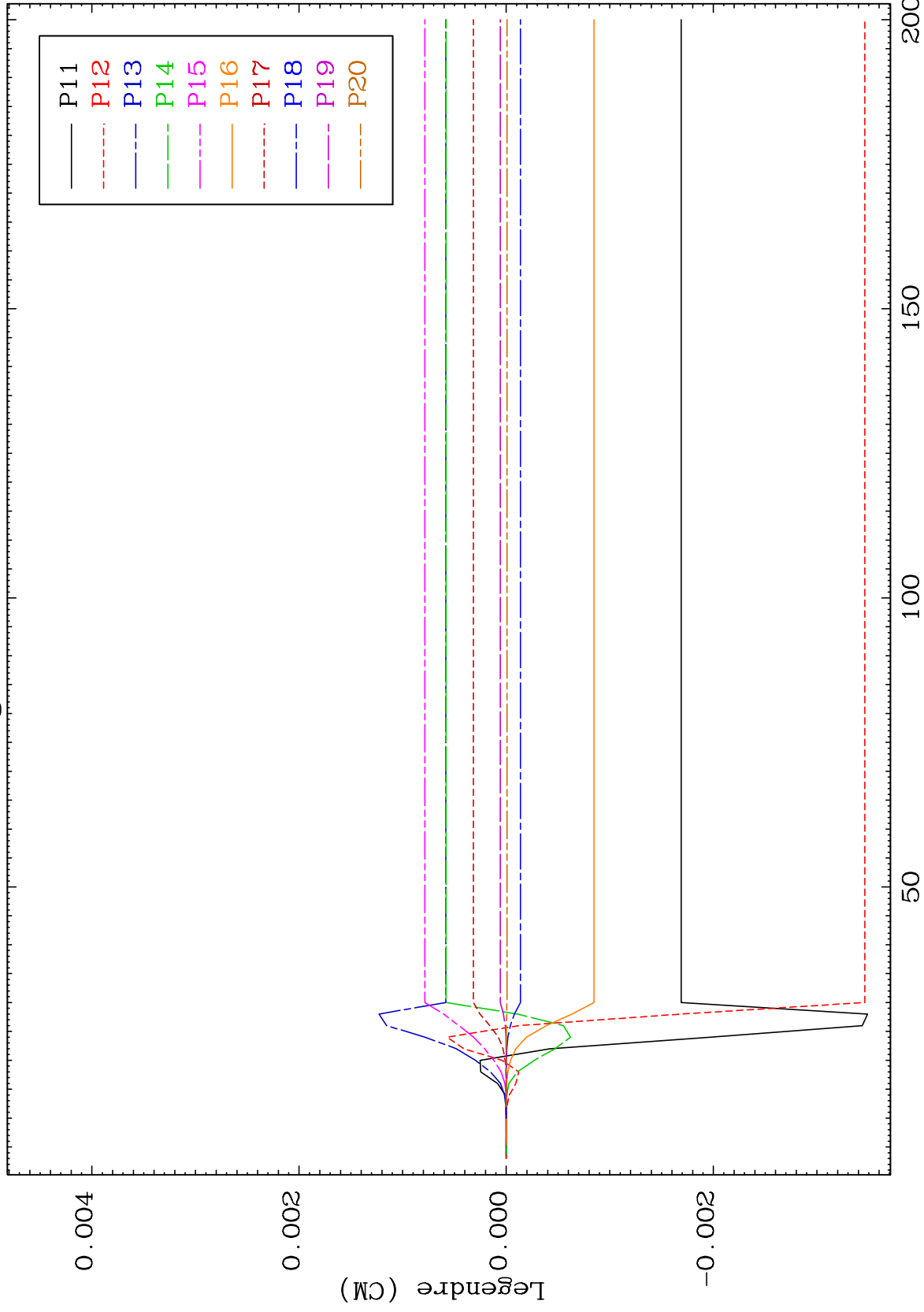
Incident Energy (MeV)

84-Po-206

MAT 8425

2.902 MeV (n,n') Level
Legendre Coefficients

84-Po-206



103

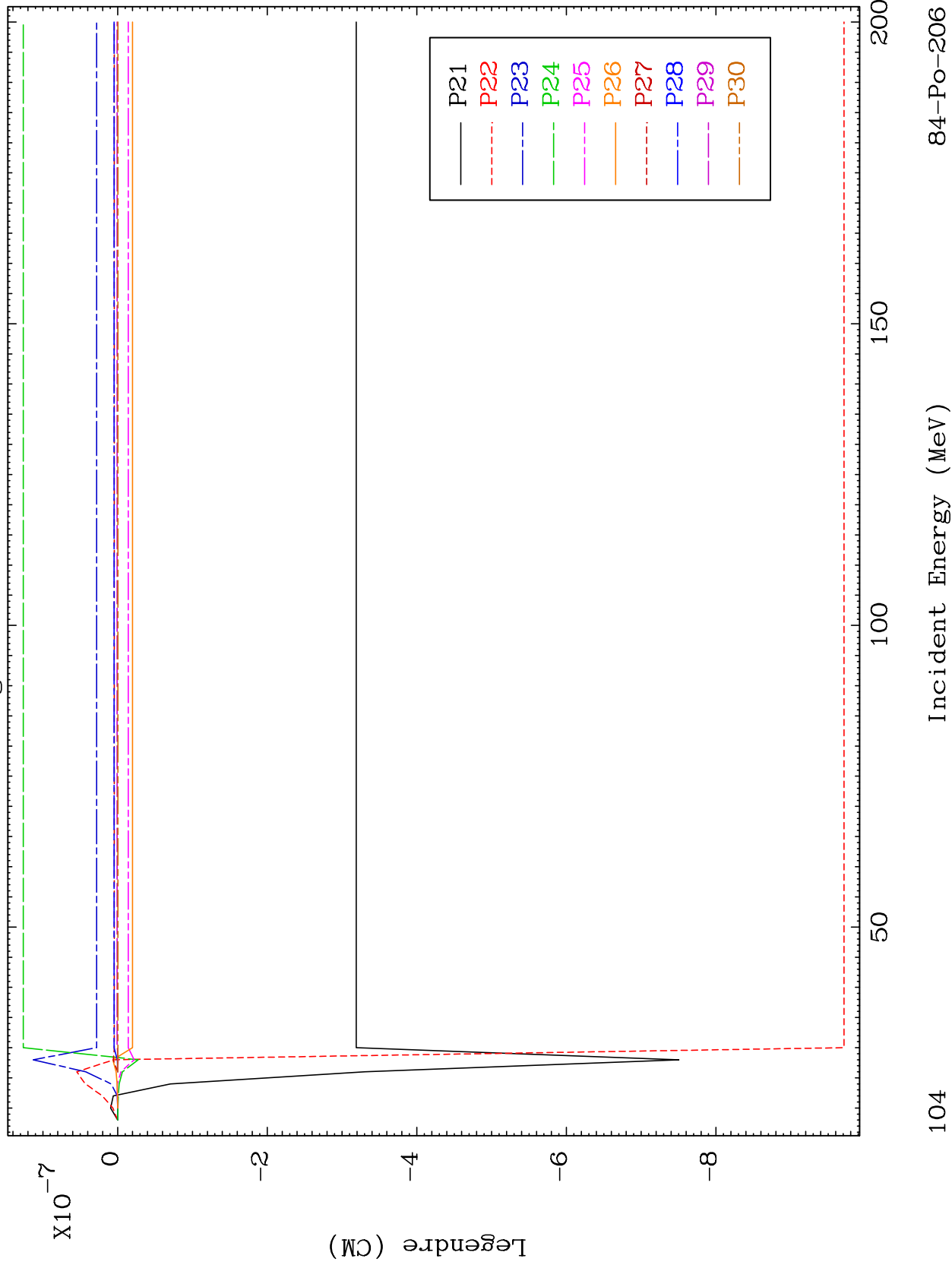
Incident Energy (MeV)

84-Po-206

MAT 8425

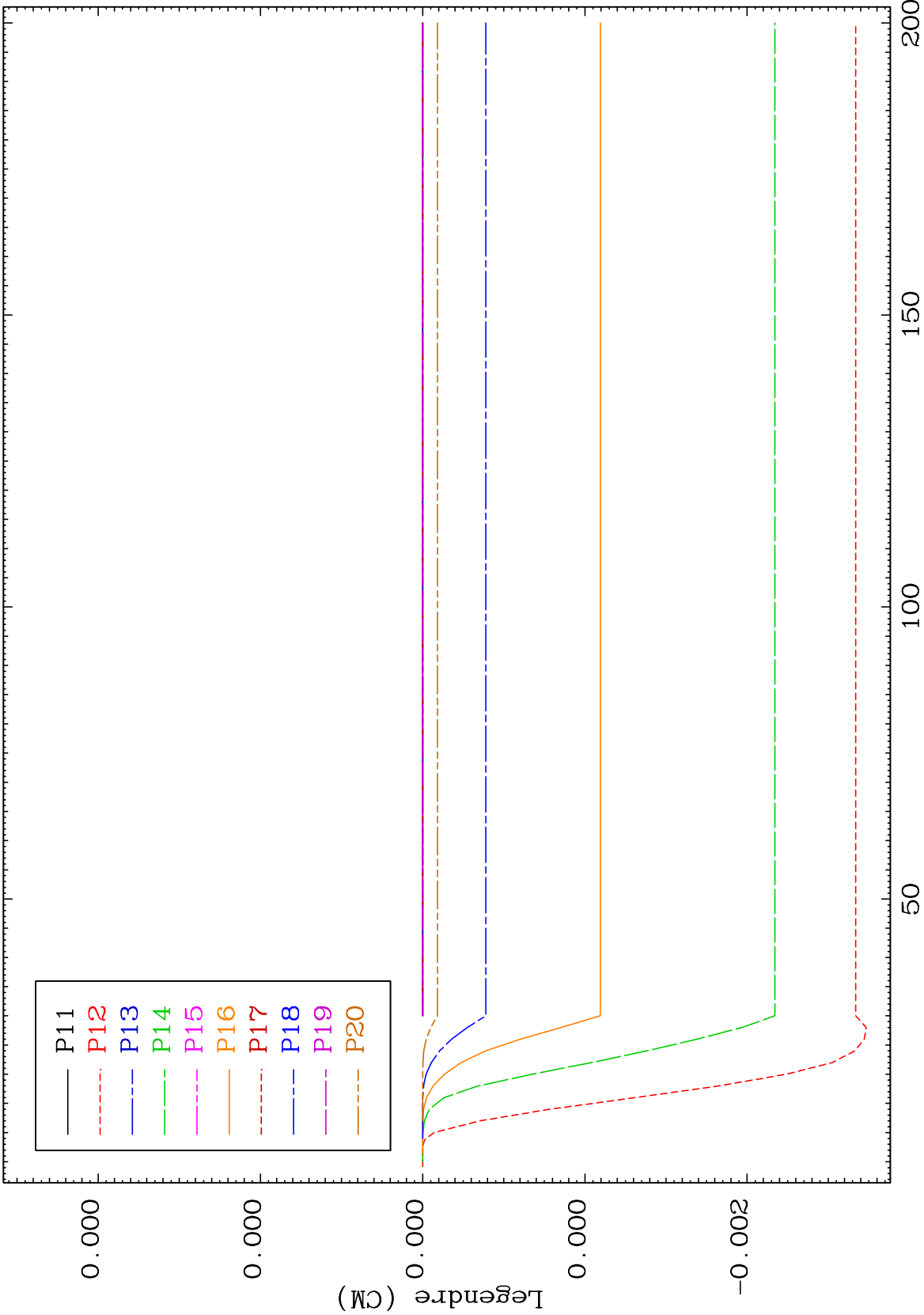
2.902 MeV (n,n') Level
Legendre Coefficients

84-Po-206



104

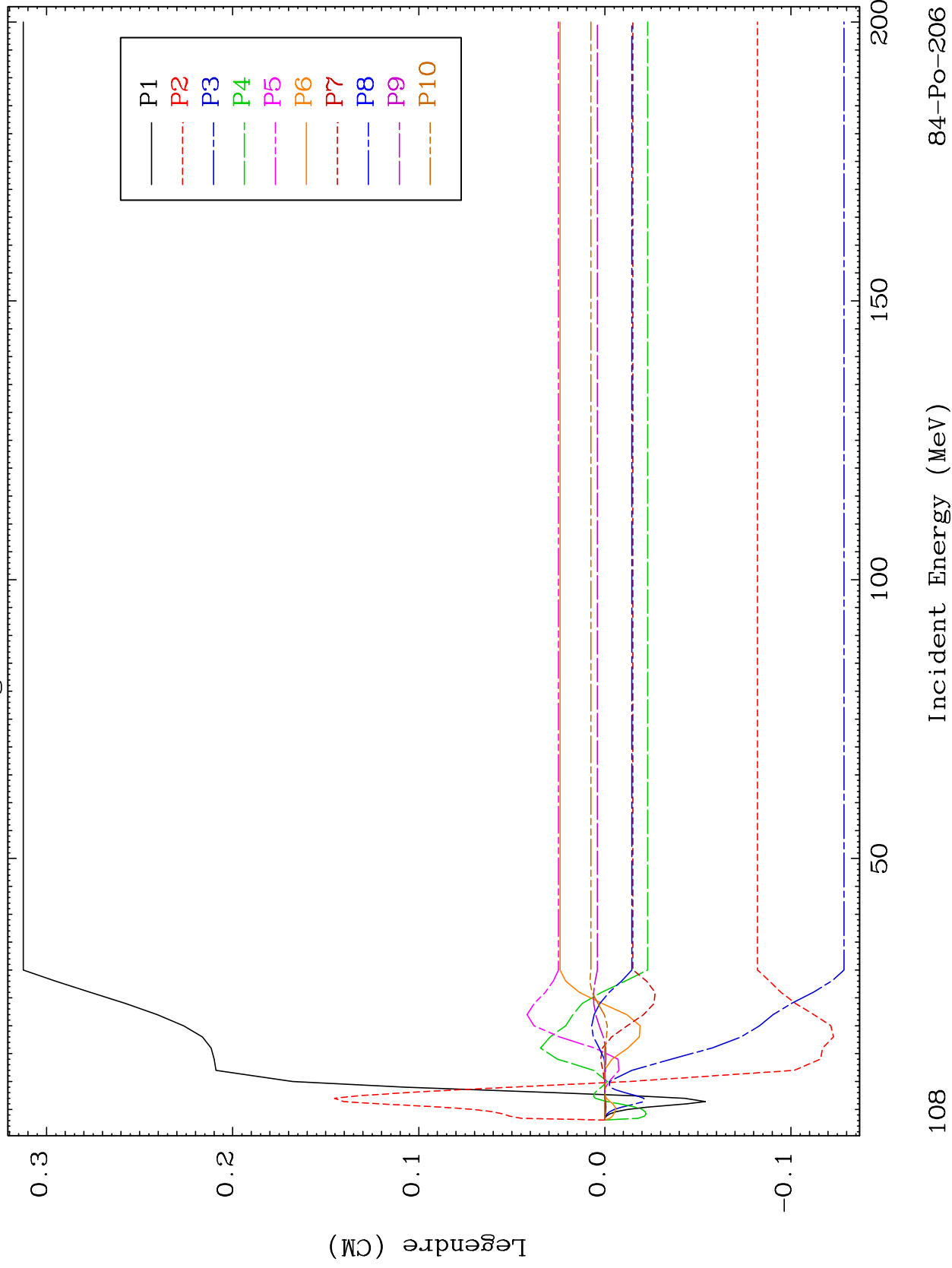
84-Po-206



MAT 8425

3.068 MeV (n,n') Level
Legendre Coefficients

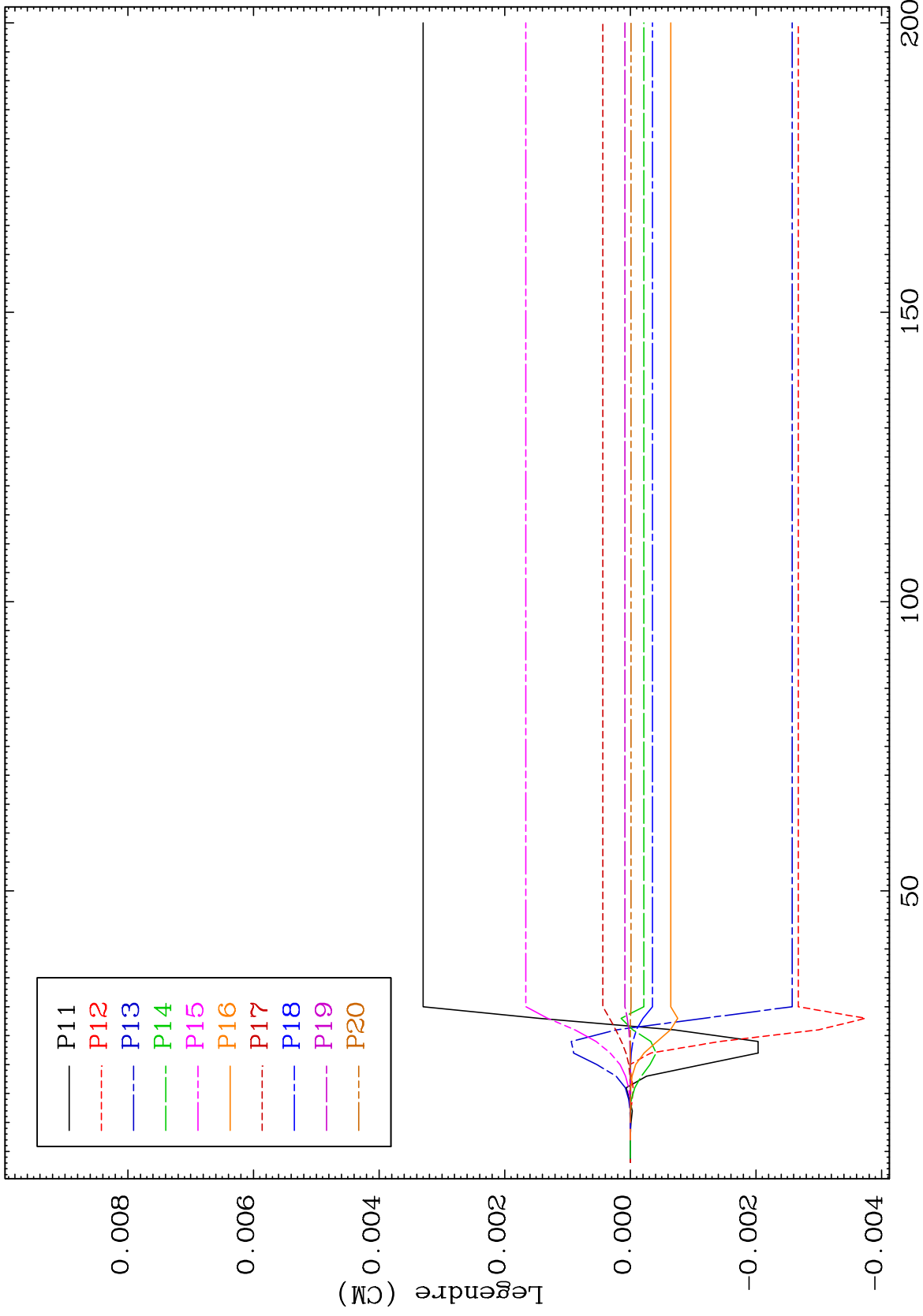
84-Po-206



MAT 8425

3.068 MeV (n,n') Level
Legendre Coefficients

84-Po-206



109

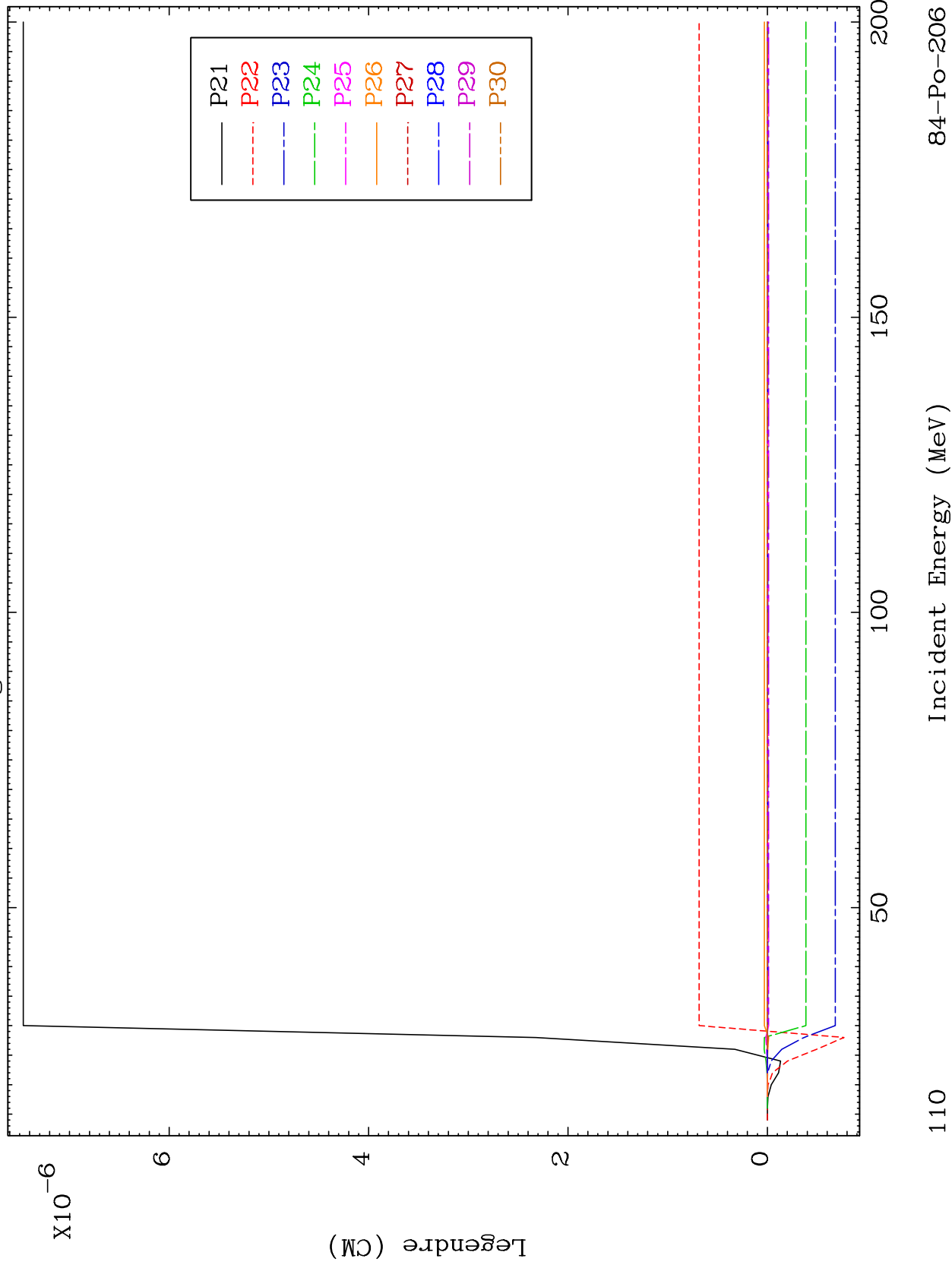
Incident Energy (MeV)

84-Po-206

MAT 8425

3.068 MeV (n,n') Level
Legendre Coefficients

84-Po-206



110

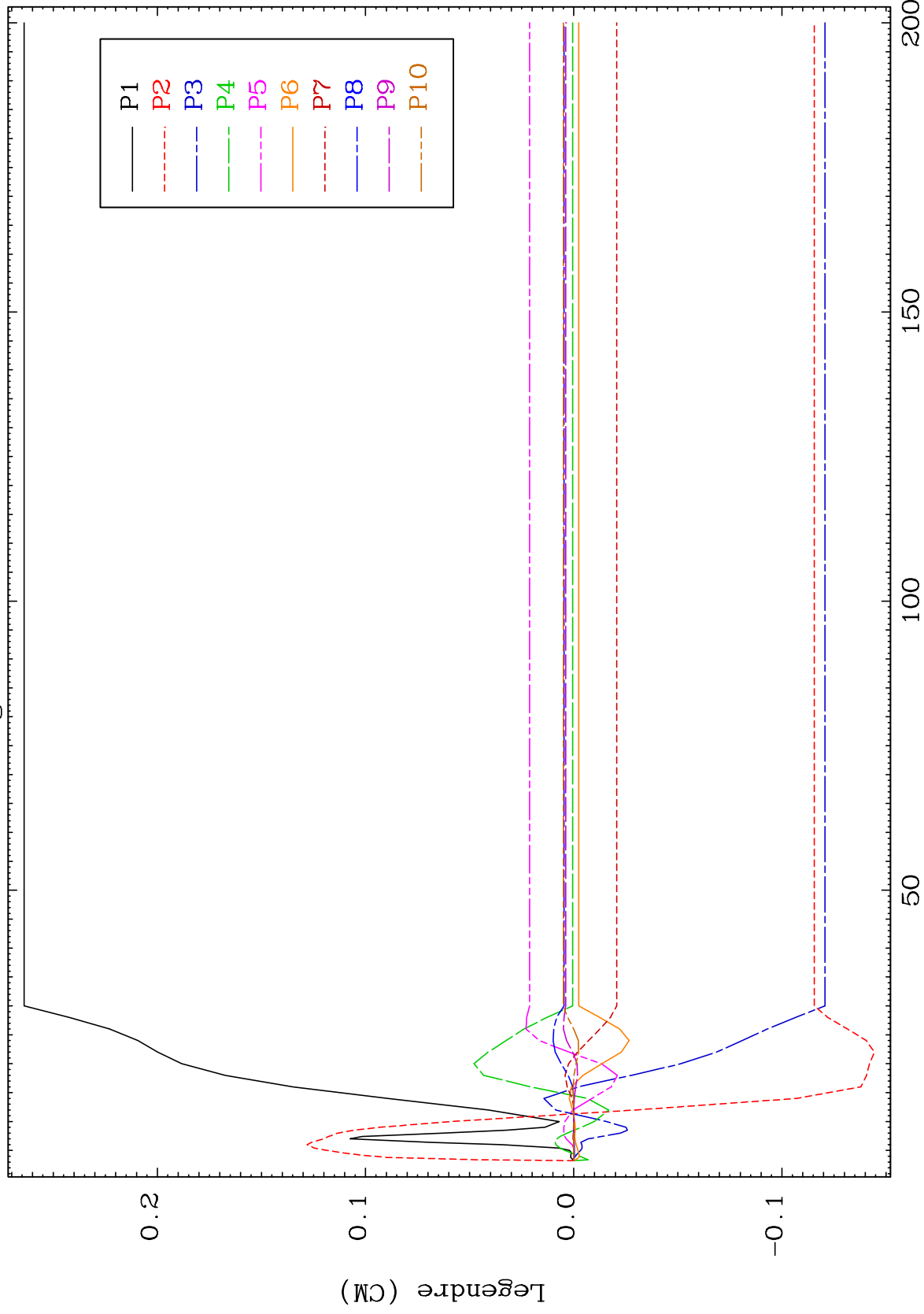
Incident Energy (MeV)

84-Po-206

MAT 8425

3.210 MeV (n,n') Level
Legendre Coefficients

84-Po-206



111

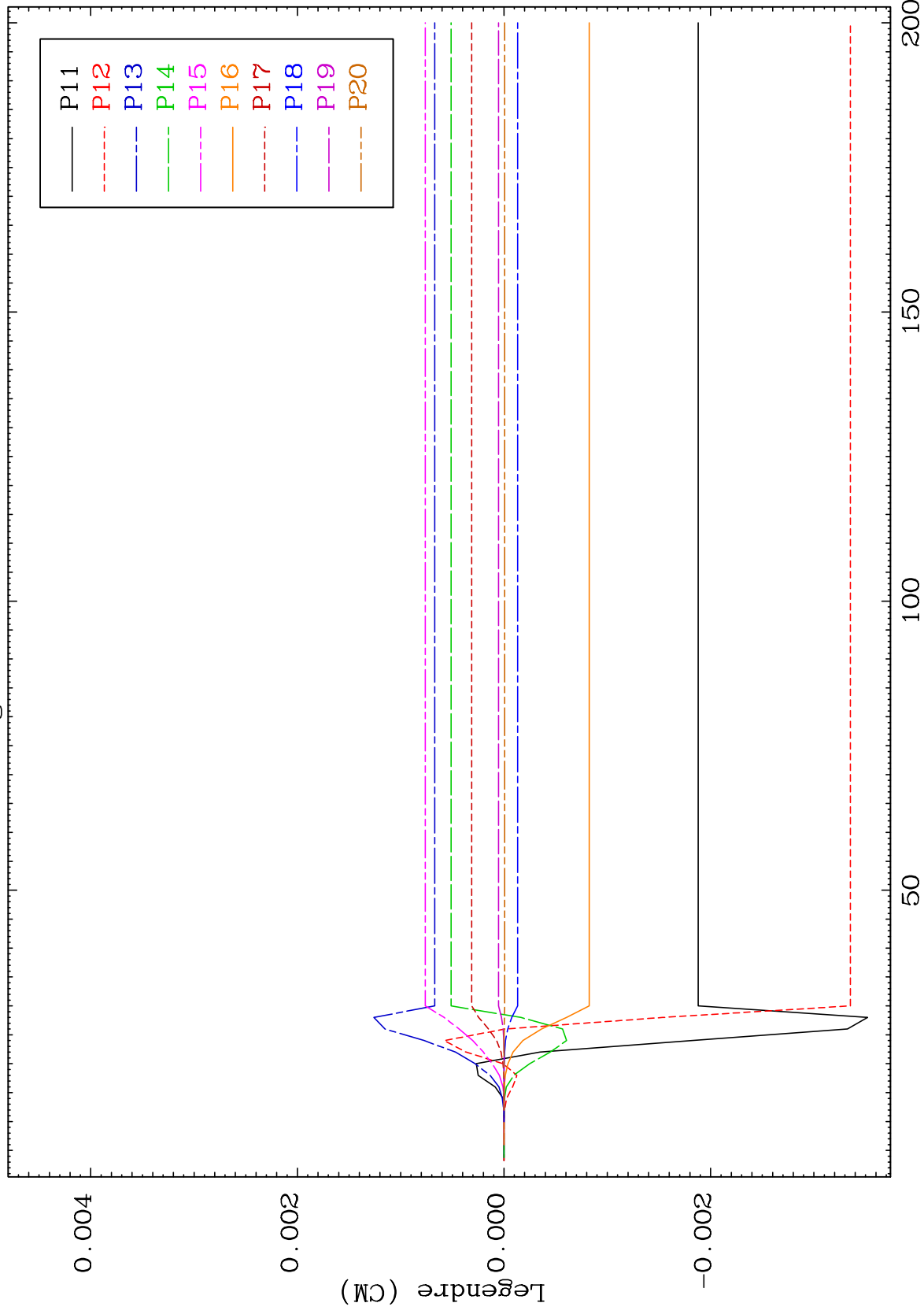
Incident Energy (MeV)

84-Po-206

MAT 8425

3.210 MeV (n,n') Level
Legendre Coefficients

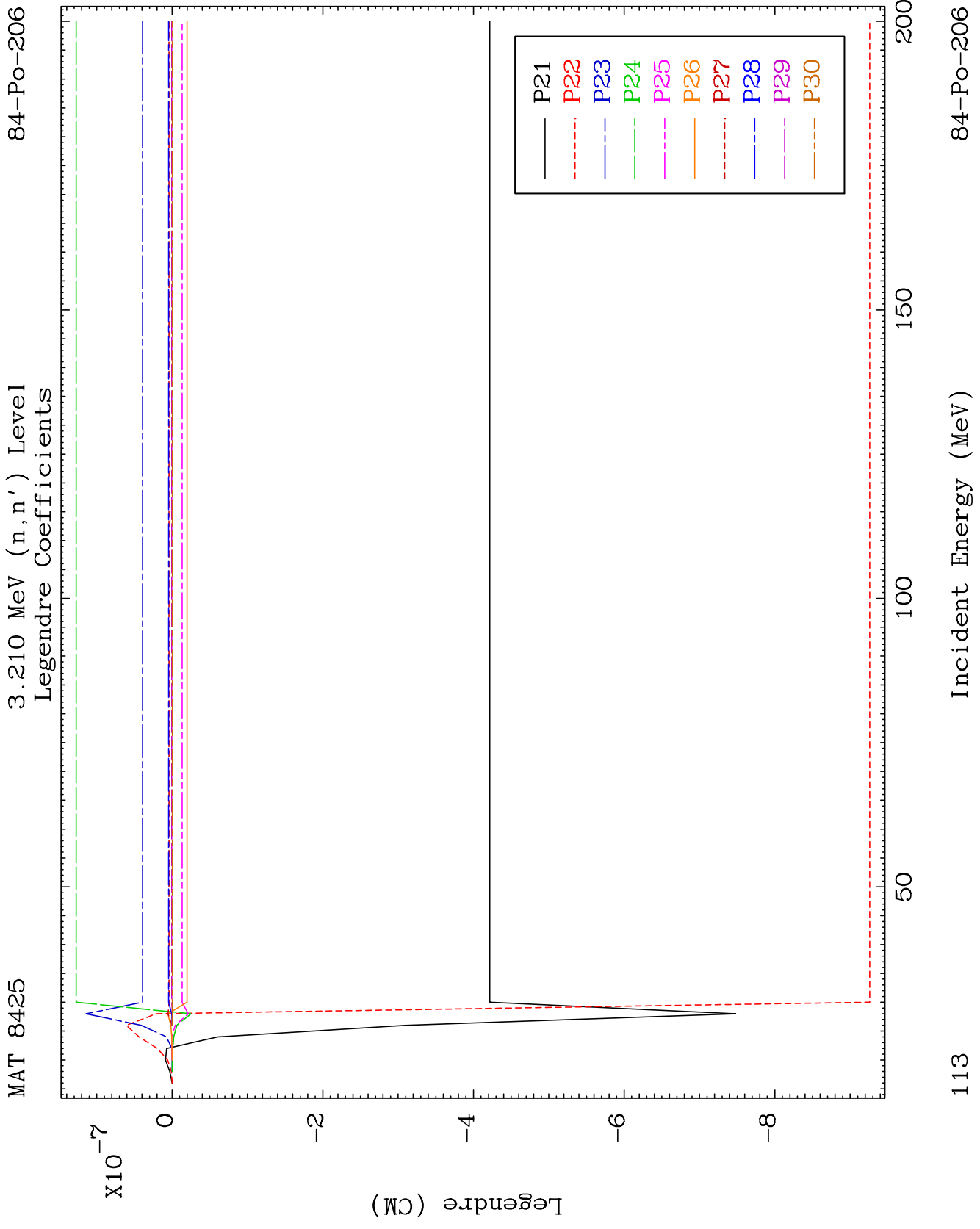
84-Po-206



112

Incident Energy (MeV)

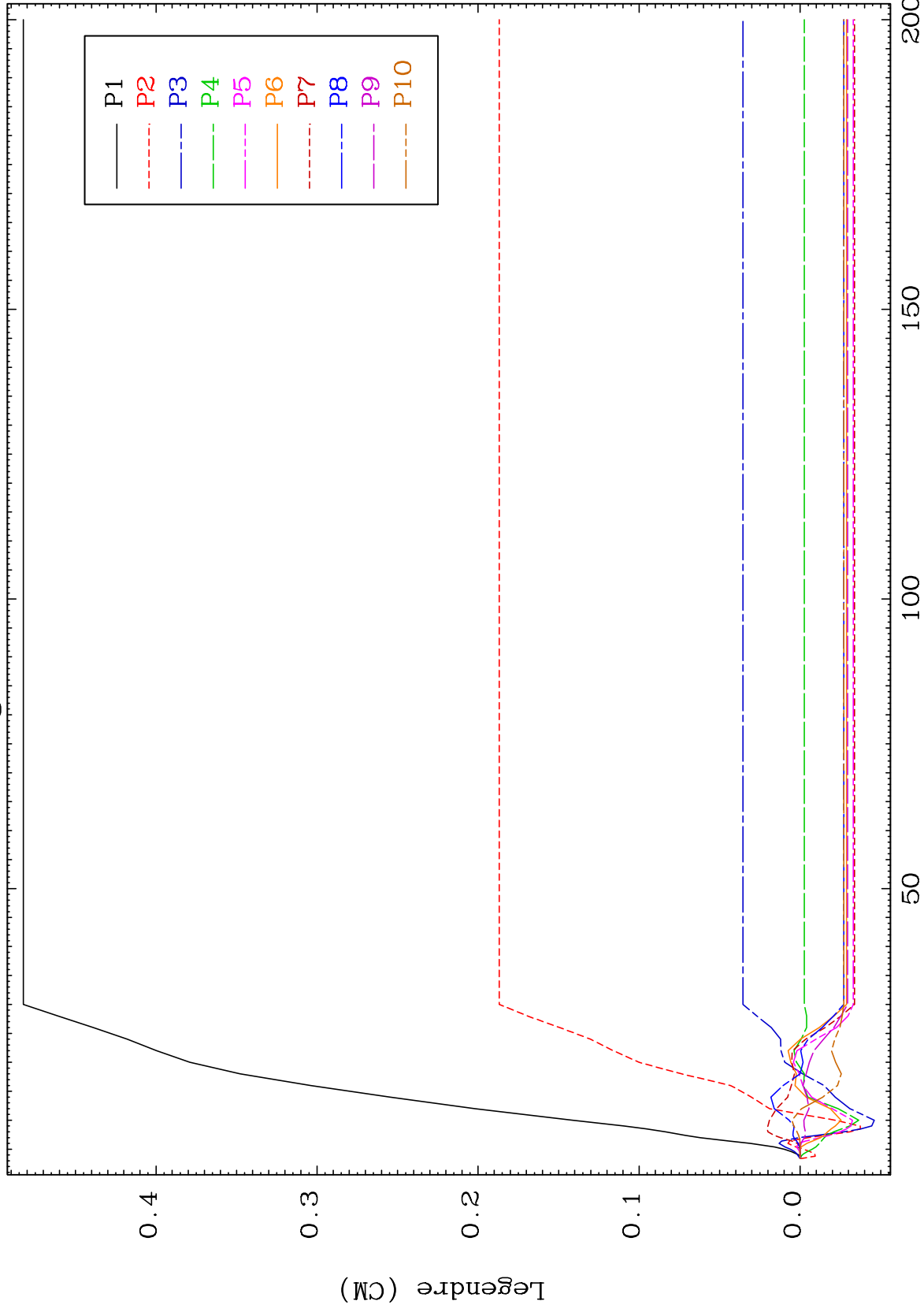
84-Po-206



MAT 8425

3.362 MeV (n,n') Level
Legendre Coefficients

84-Po-206



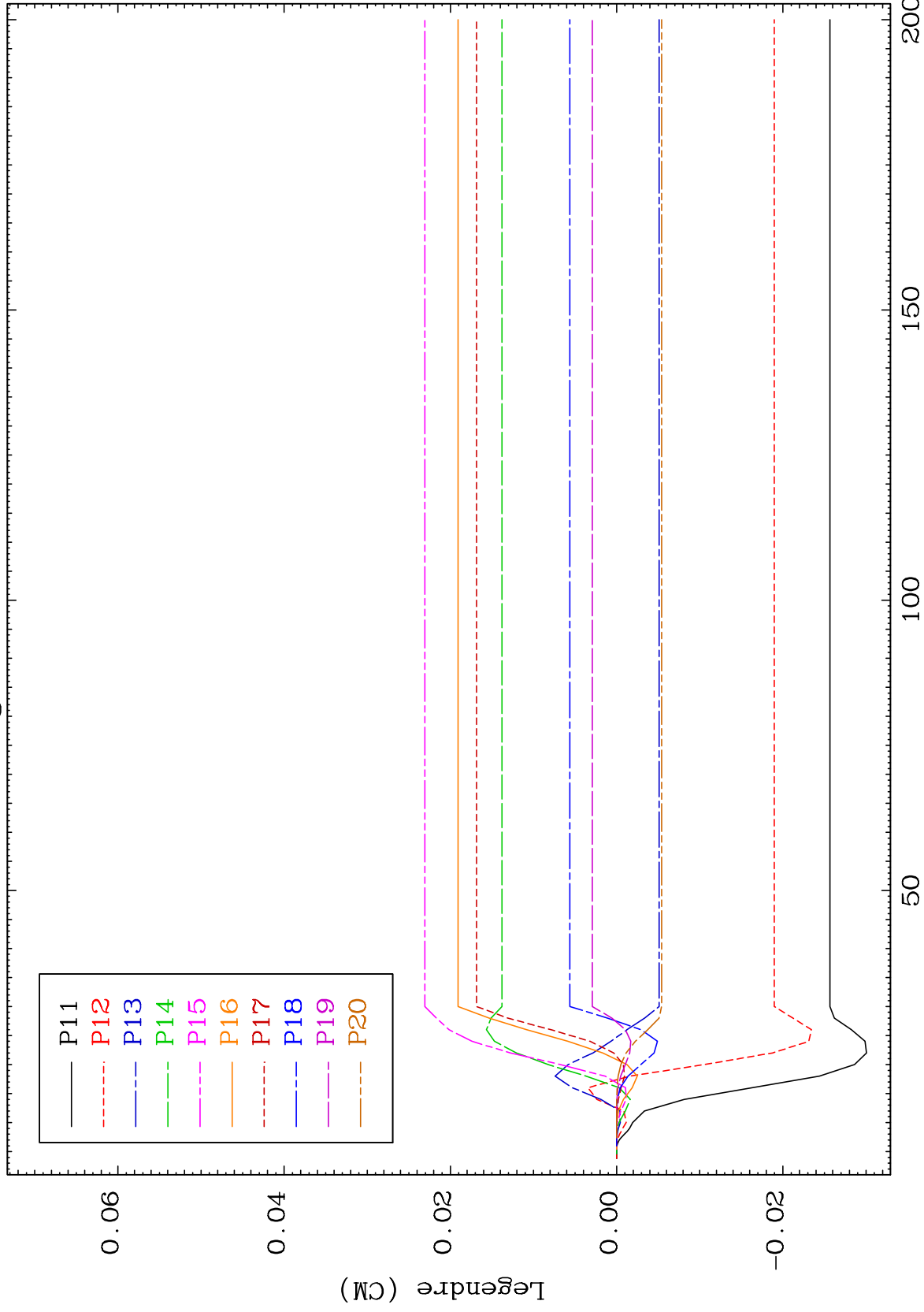
114

84-Po-206

MAT 8425

3.362 MeV (n,n') Level
Legendre Coefficients

84-Po-206



115

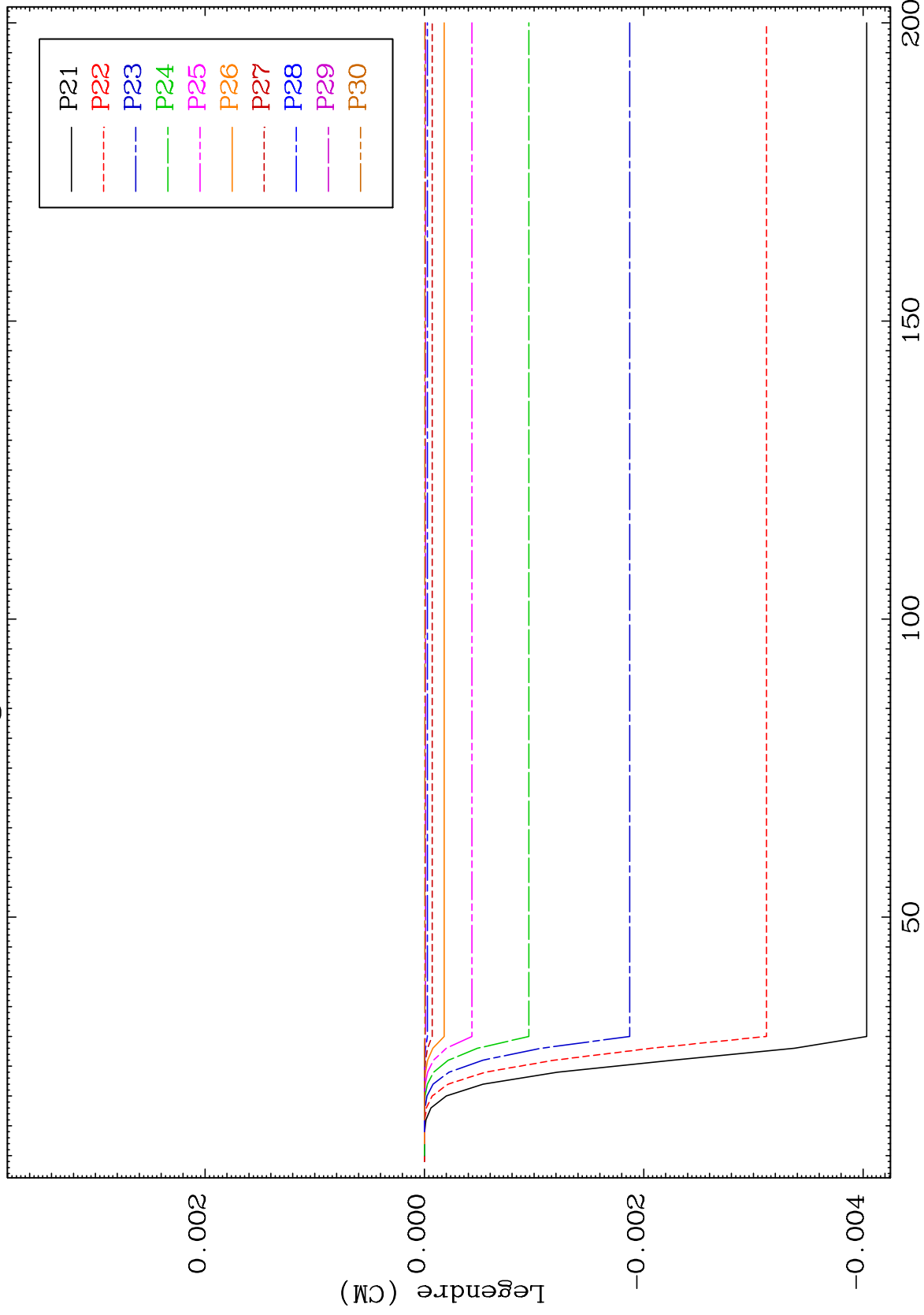
Incident Energy (MeV)

84-Po-206

MAT 8425

3.362 MeV (n,n') Level
Legendre Coefficients

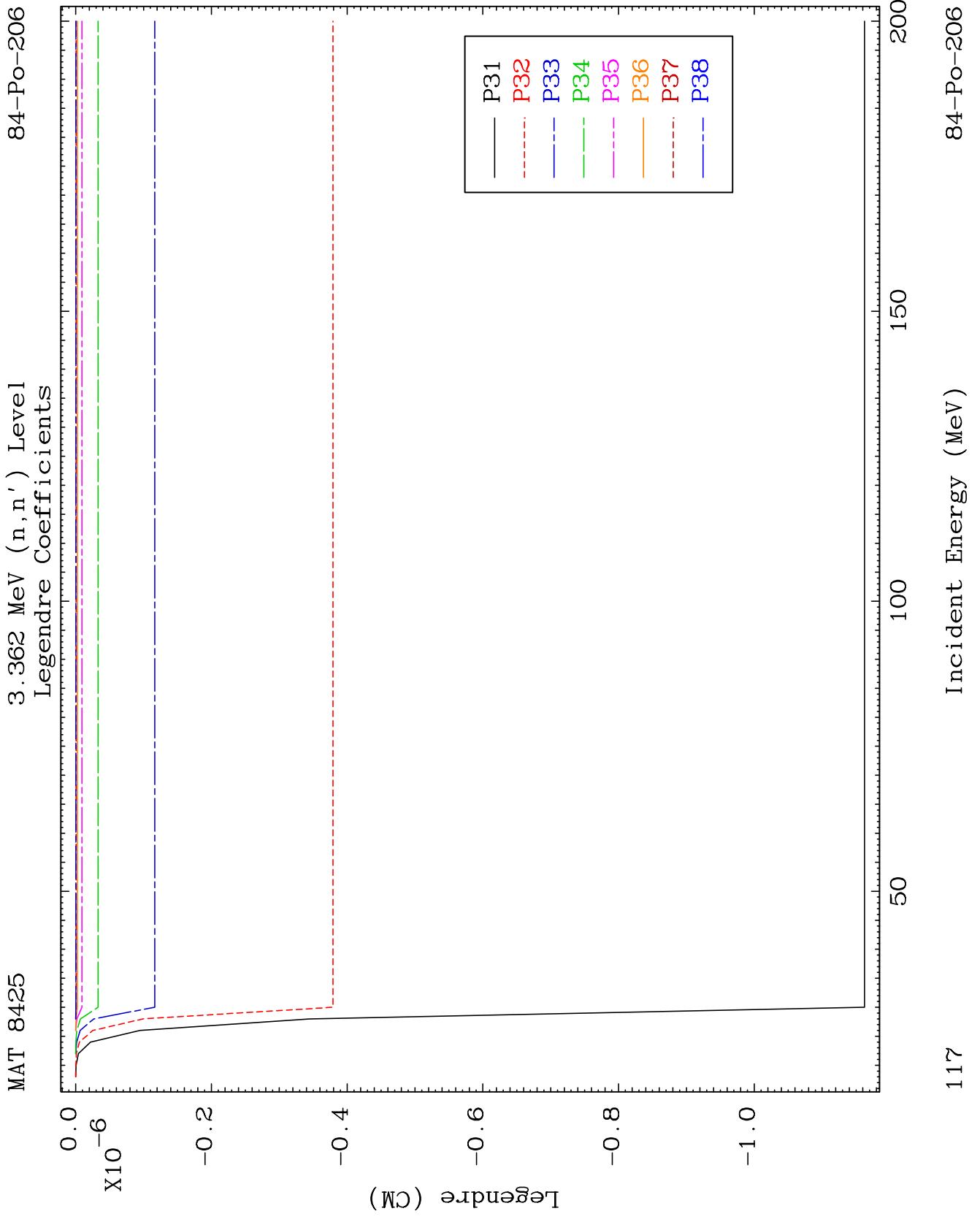
84-Po-206

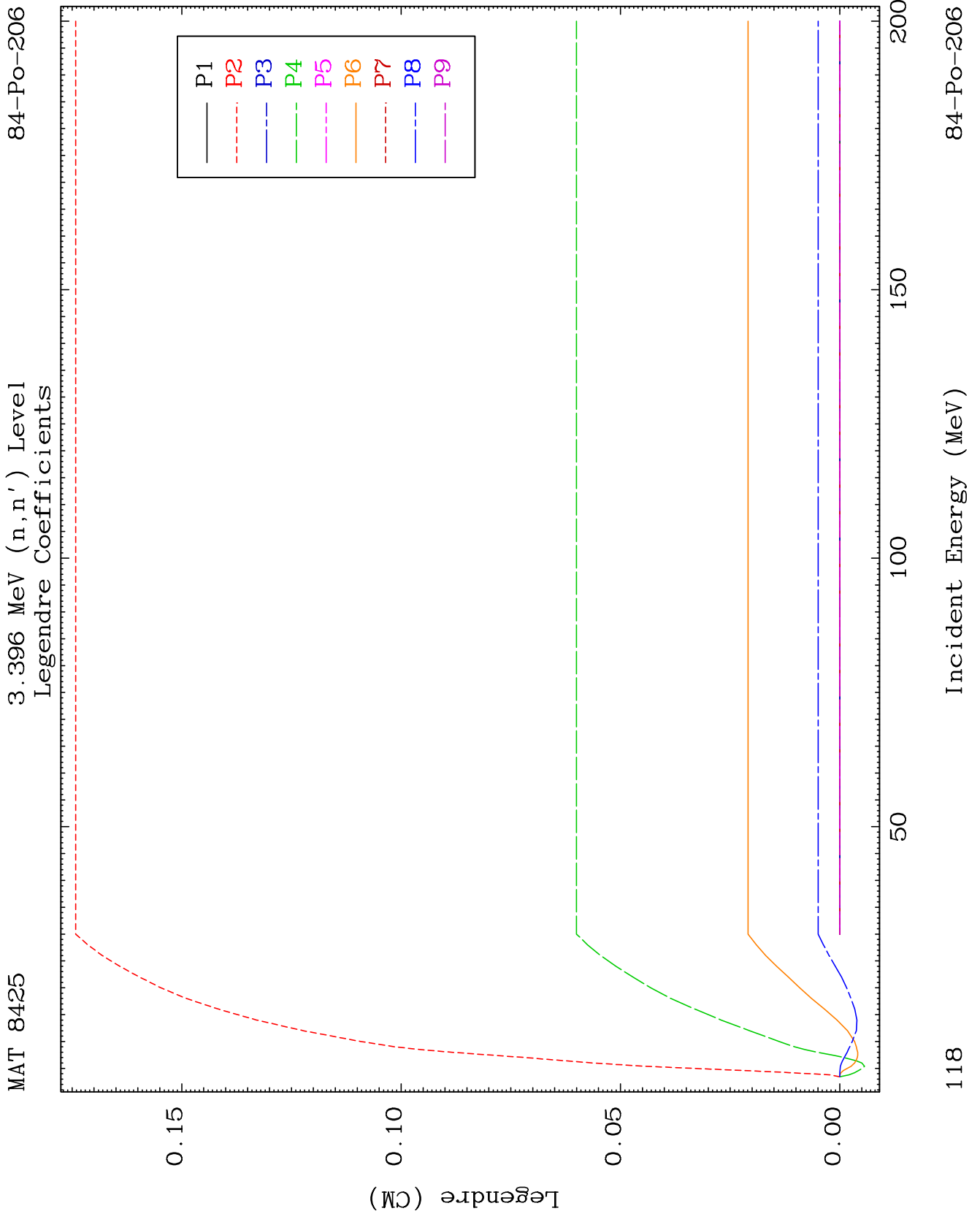


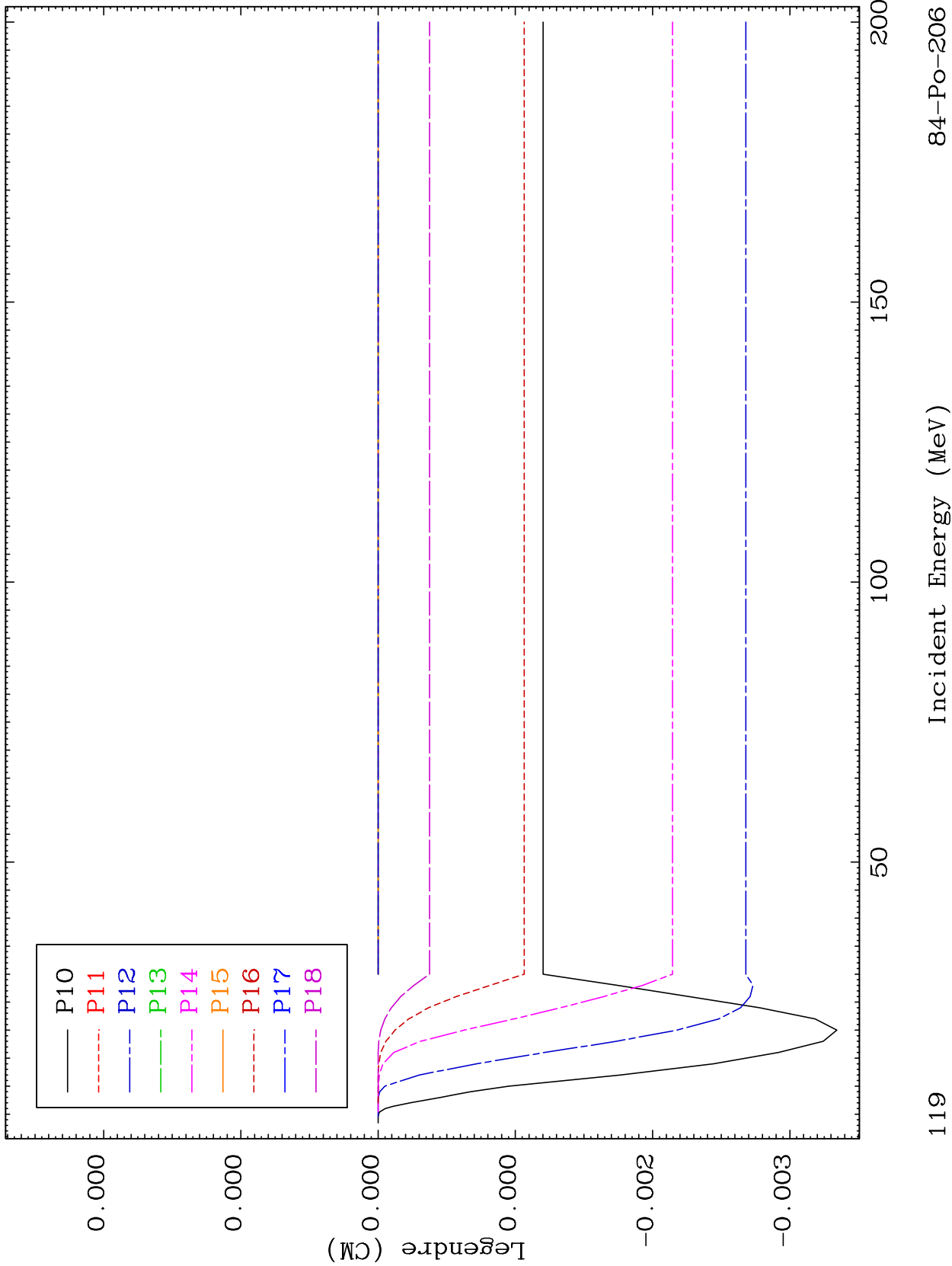
116

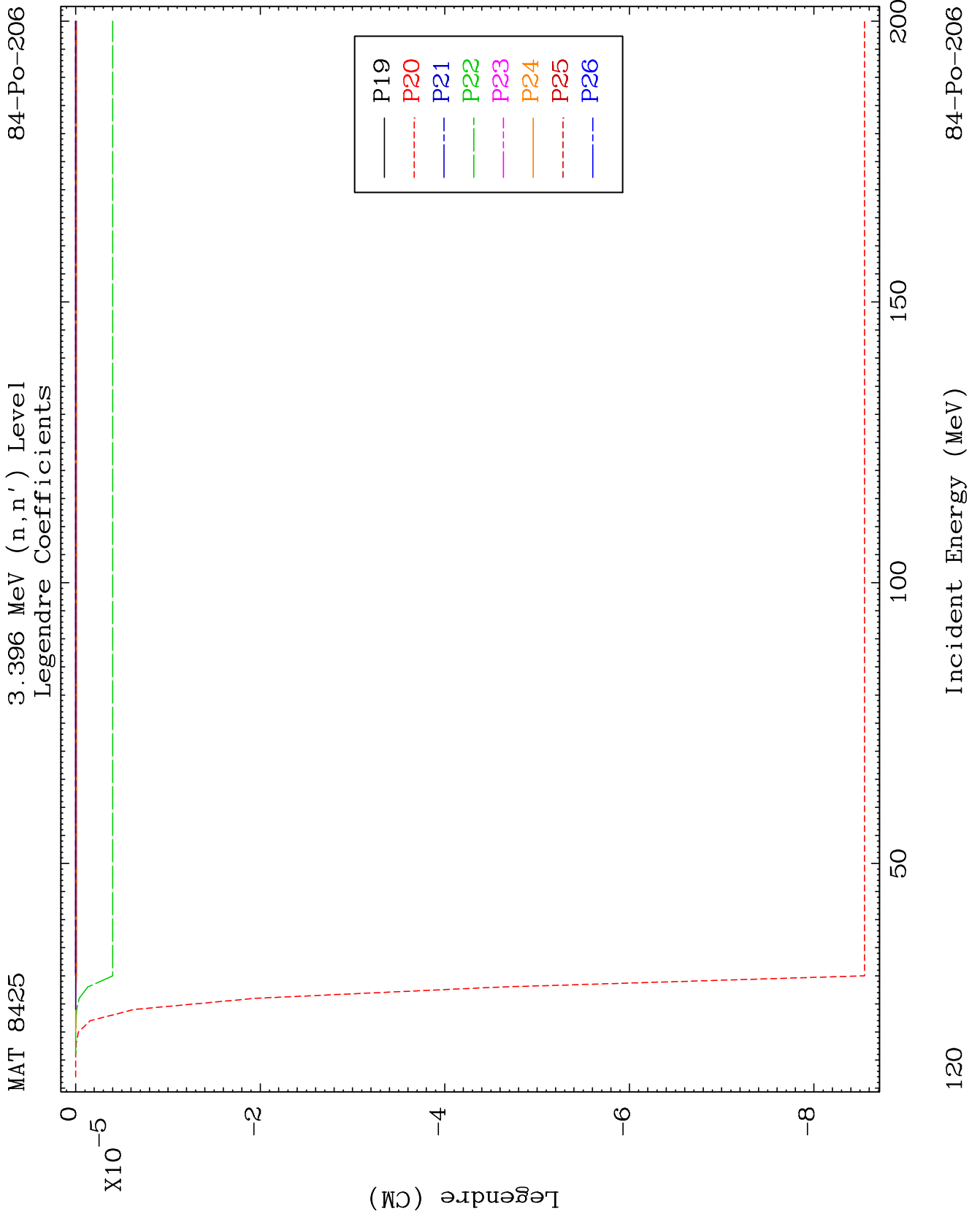
Incident Energy (MeV)

84-Po-206







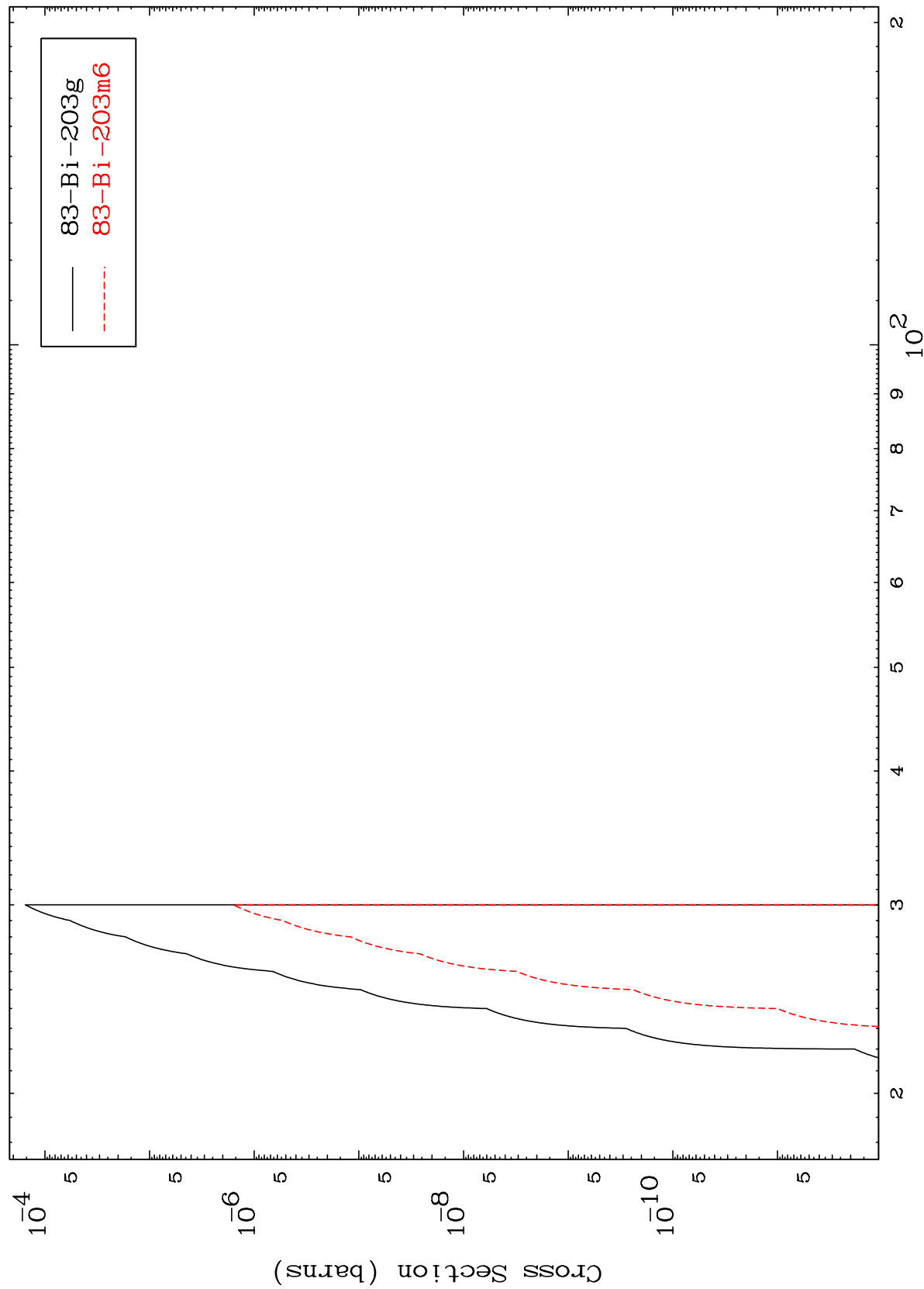


MAT 8425

(n,2n) d

84-Po-206

Radionuclide Production Cross Section



83-Bi-203g
83-Bi-203m6

121

Incident Energy (MeV)

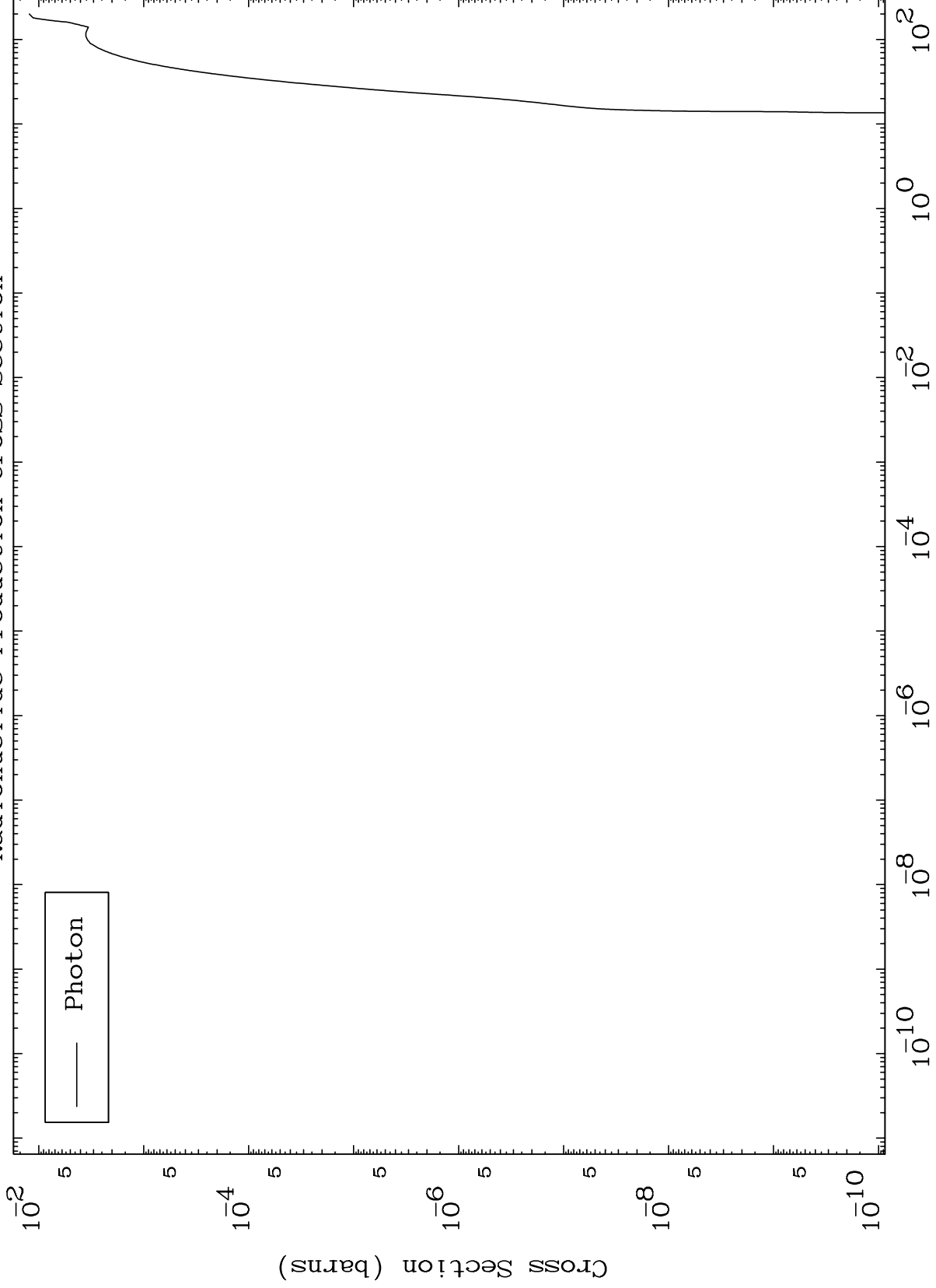
84-Po-206

MAT 8425

Fission

84-Po-206

Radionuclide Production Cross Section



122

Incident Energy (MeV)

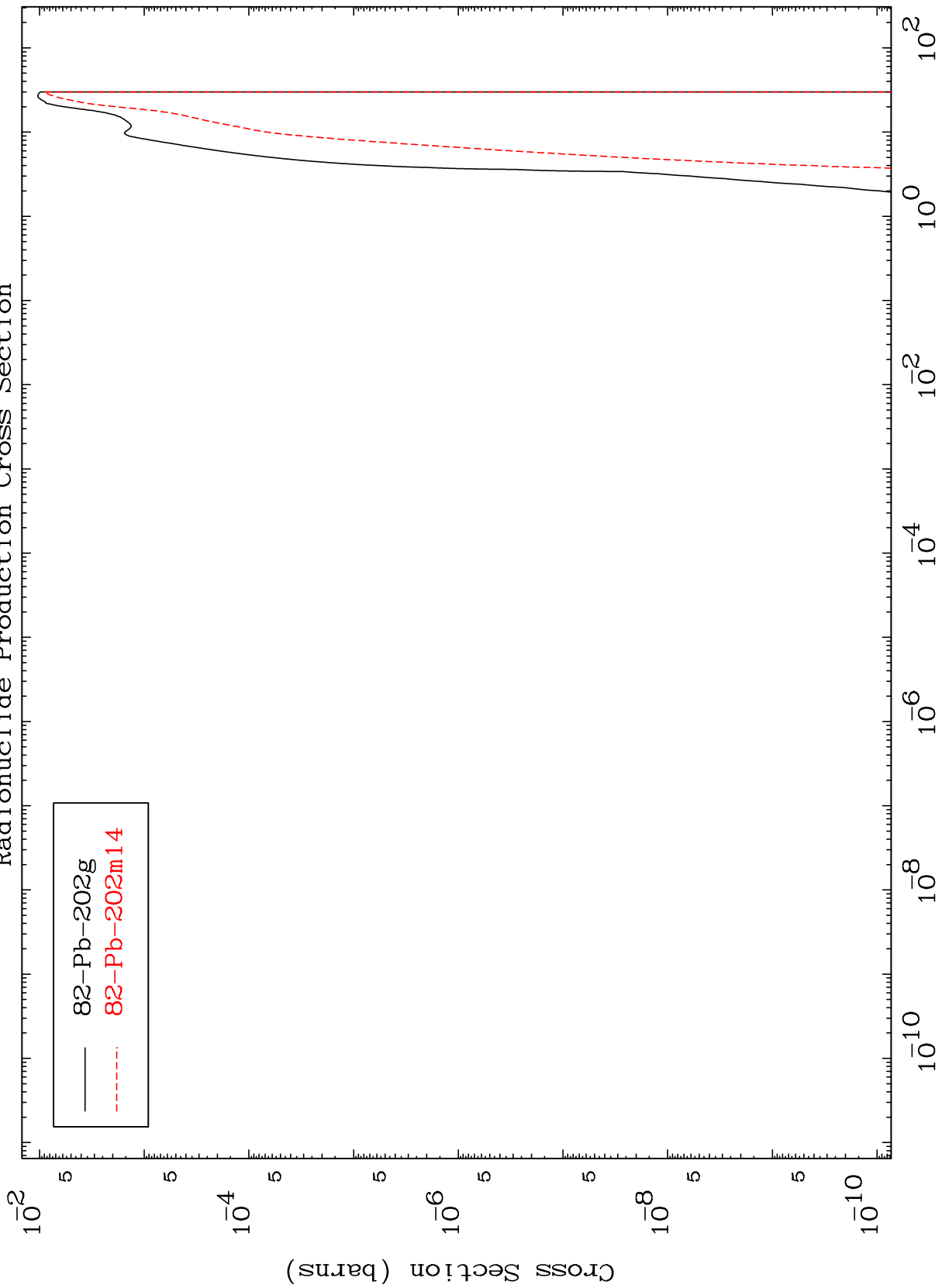
84-Po-206

MAT 8425

$(n, n') \alpha$

84-Po-206

Radionuclide Production Cross Section



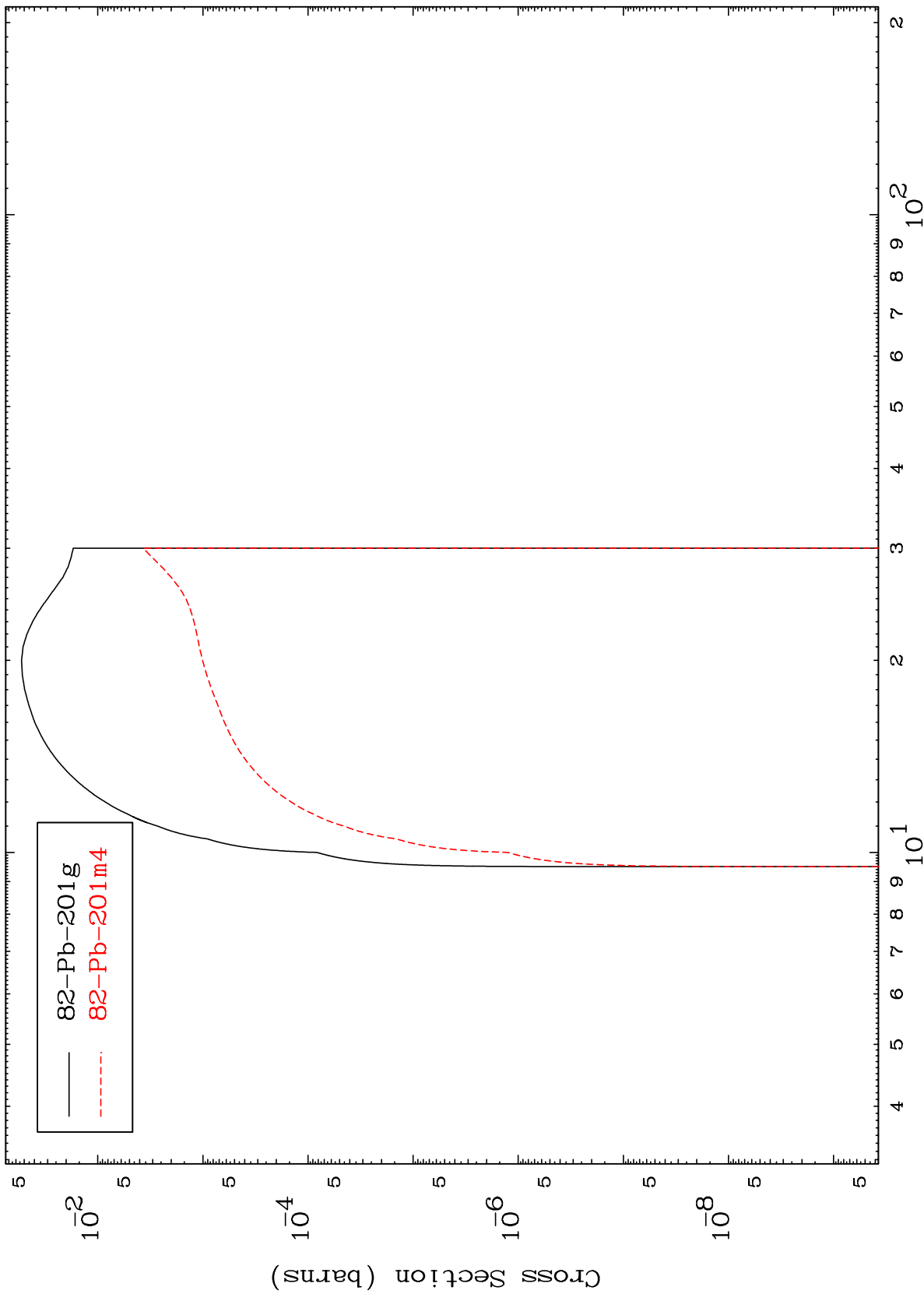
82-Pb-202g
82-Pb-202m14

MAT 8425

$(n,2n) \alpha$

84-Po-206

Radionuclide Production Cross Section



82-Pb-201 g
82-Pb-201 m4

124

Incident Energy (MeV)

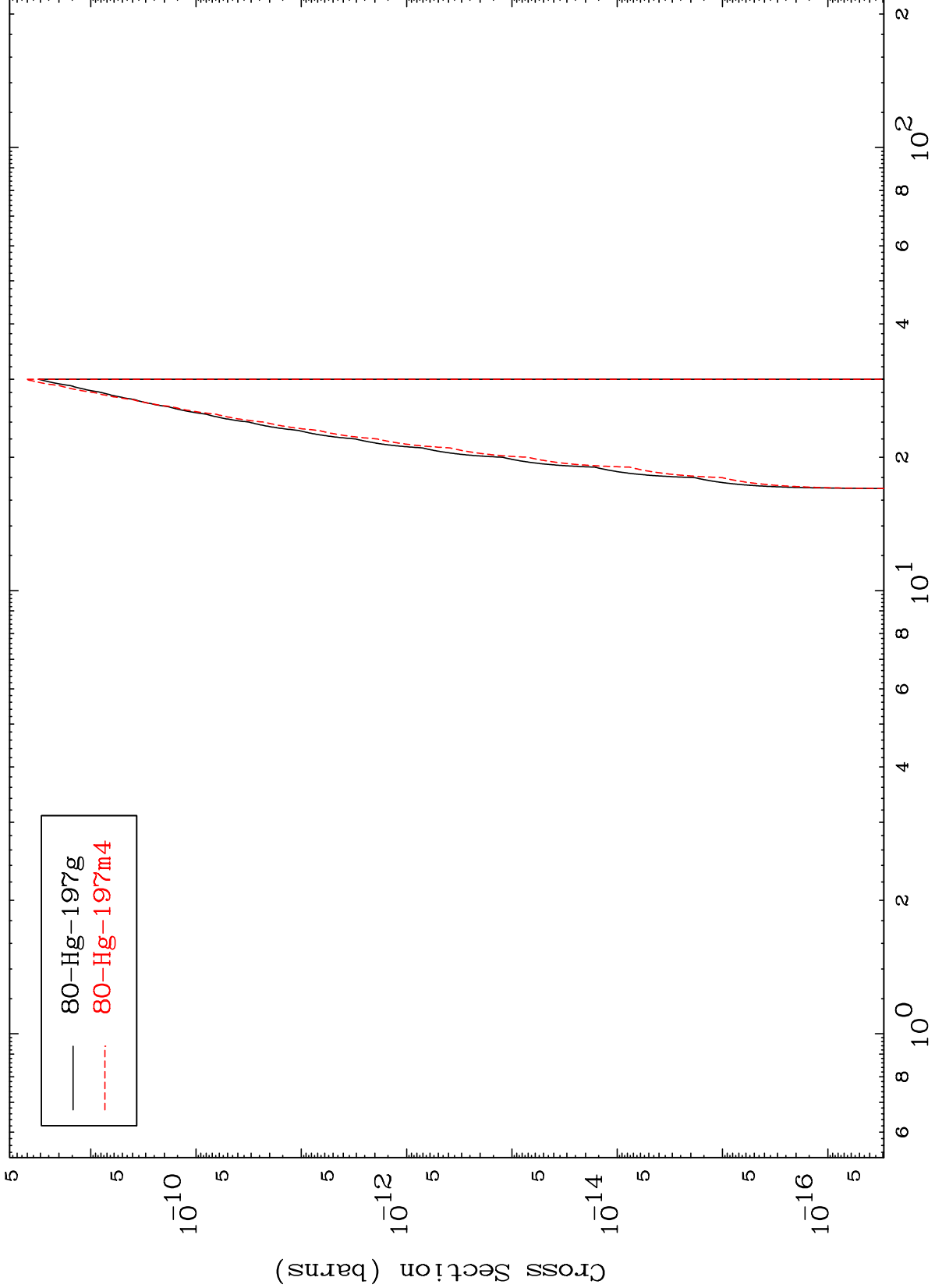
84-Po-206

MAT 8425

(n,2n) 2α

84-Po-206

Radionuclide Production Cross Section

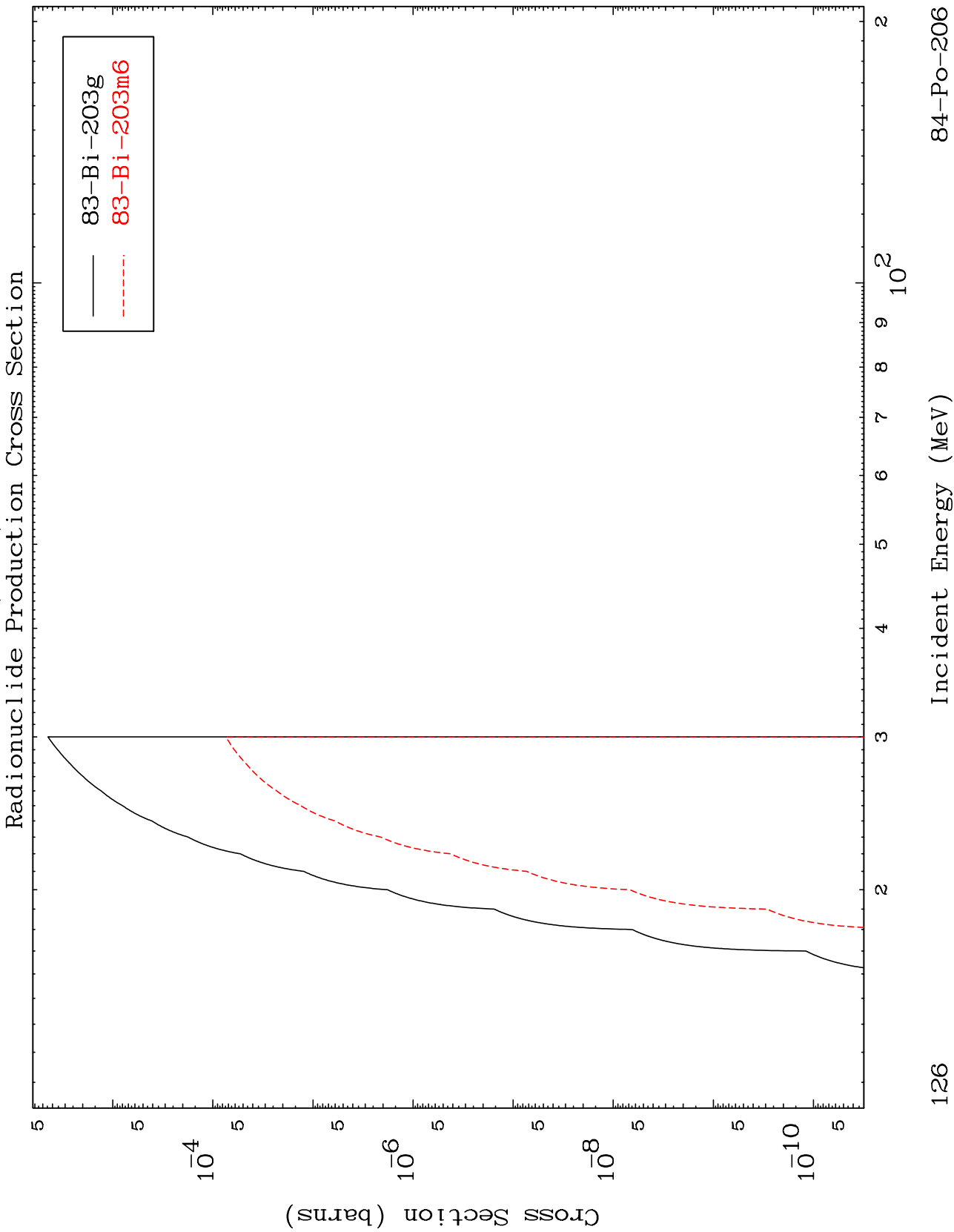


80-Hg-197g
80-Hg-197m4

125

Incident Energy (MeV)

84-Po-206

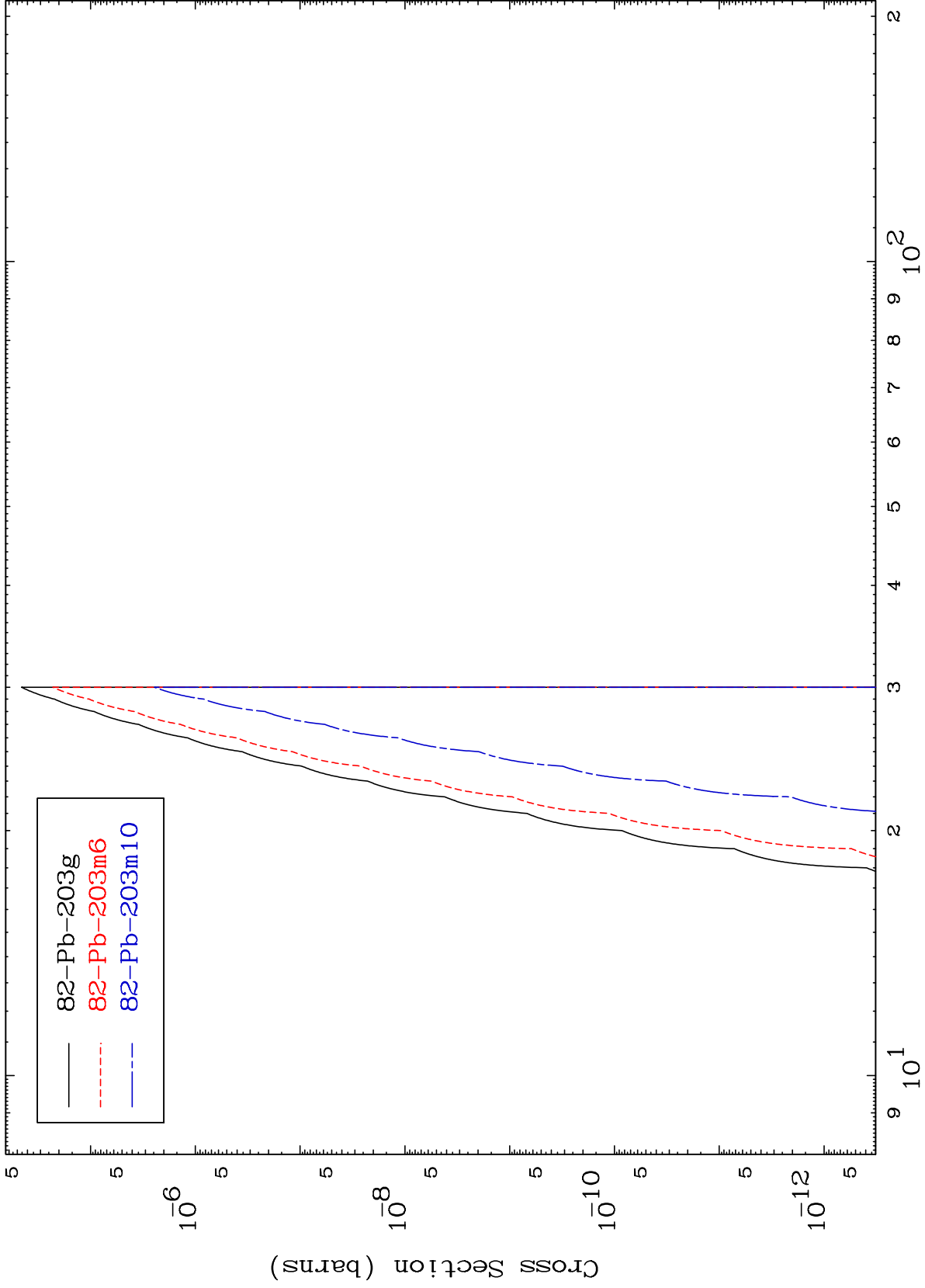


MAT 8425

(n,n') He-3

84-Po-206

Radionuclide Production Cross Section



127

Incident Energy (MeV)

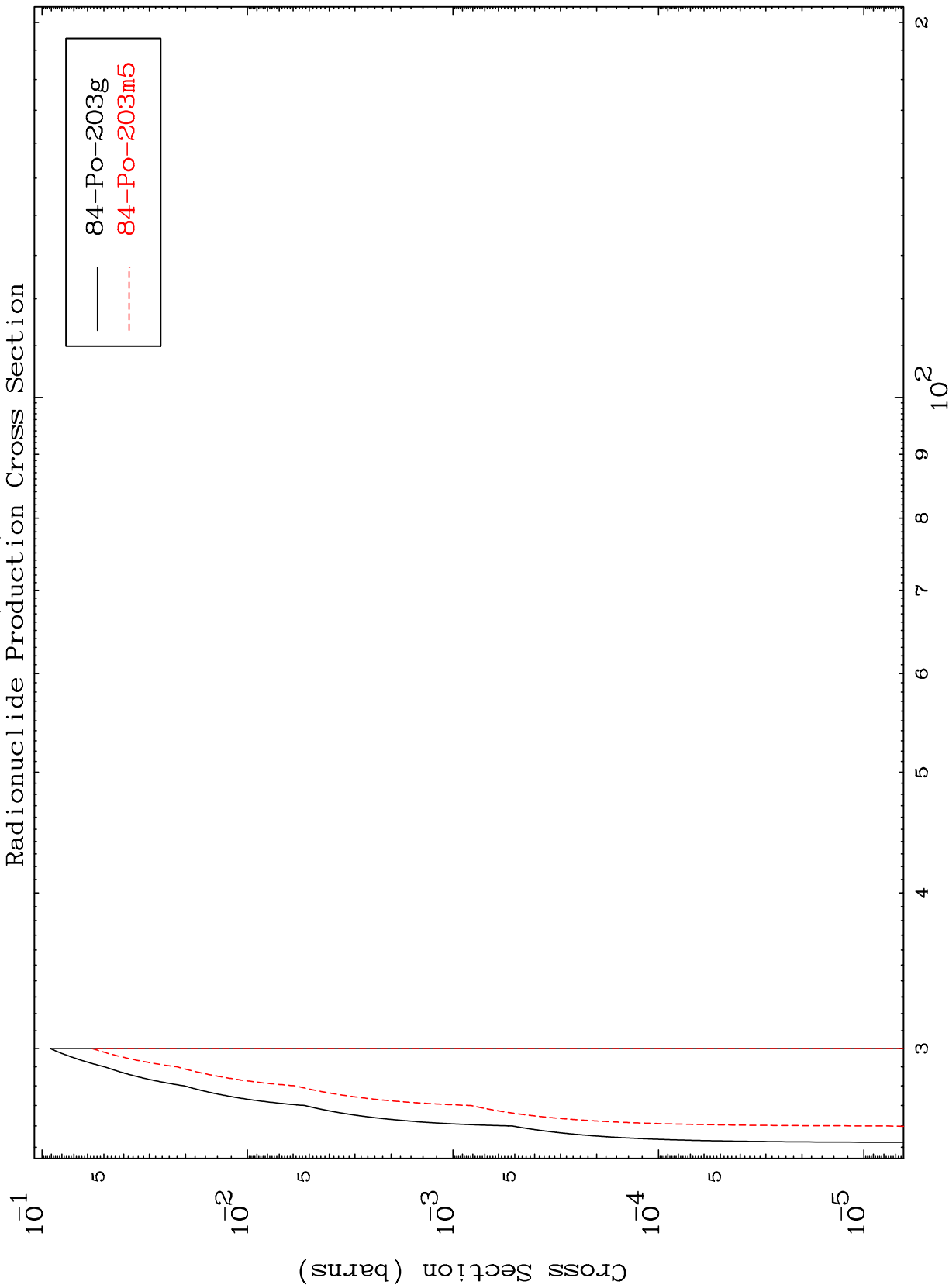
84-Po-206

MAT 8425

84-Po-206

(n,4n)

Radionuclide Production Cross Section



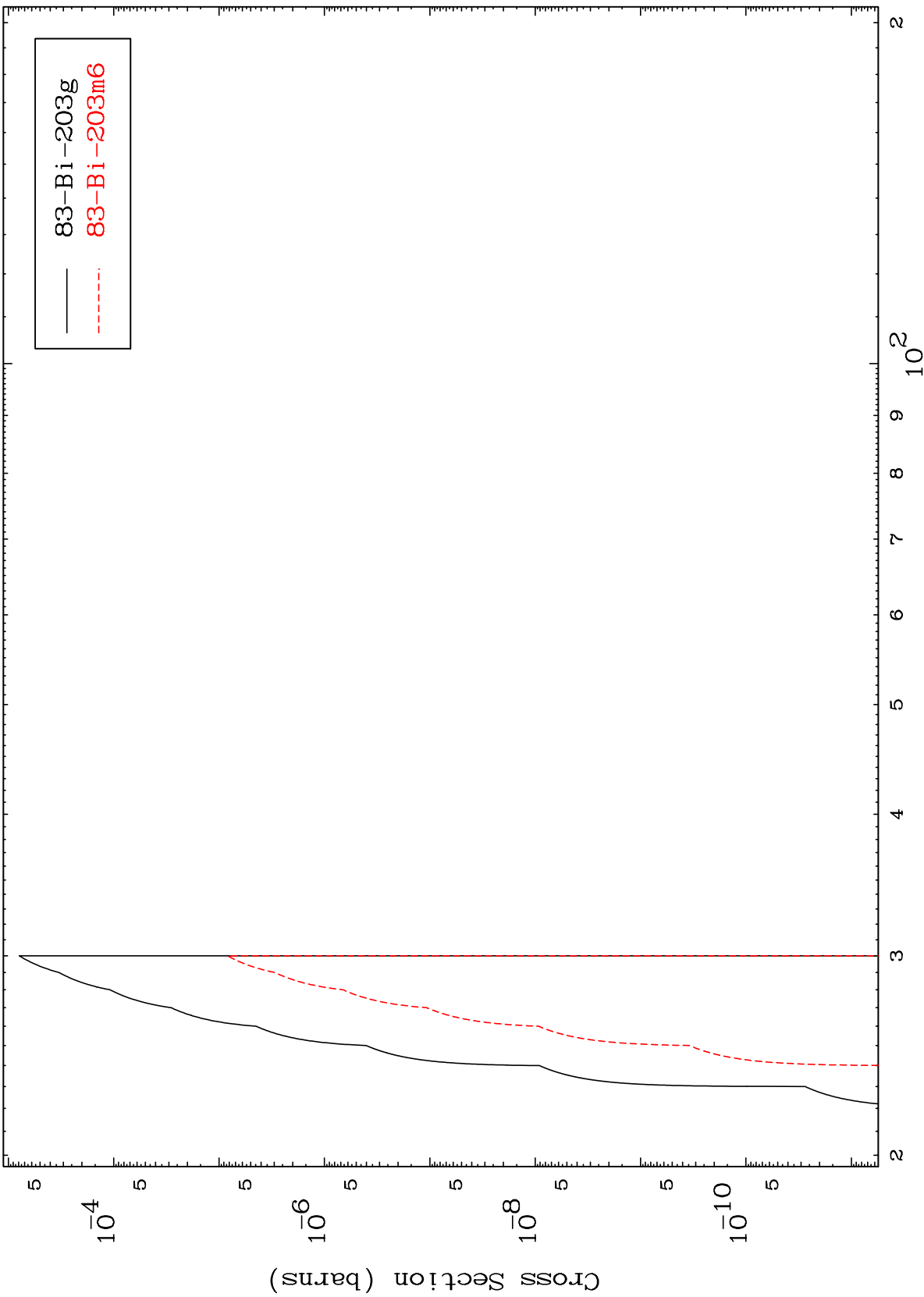
84-Po-203g
84-Po-203m5

128

84-Po-206

Incident Energy (MeV)

Radionuclide Production Cross Section

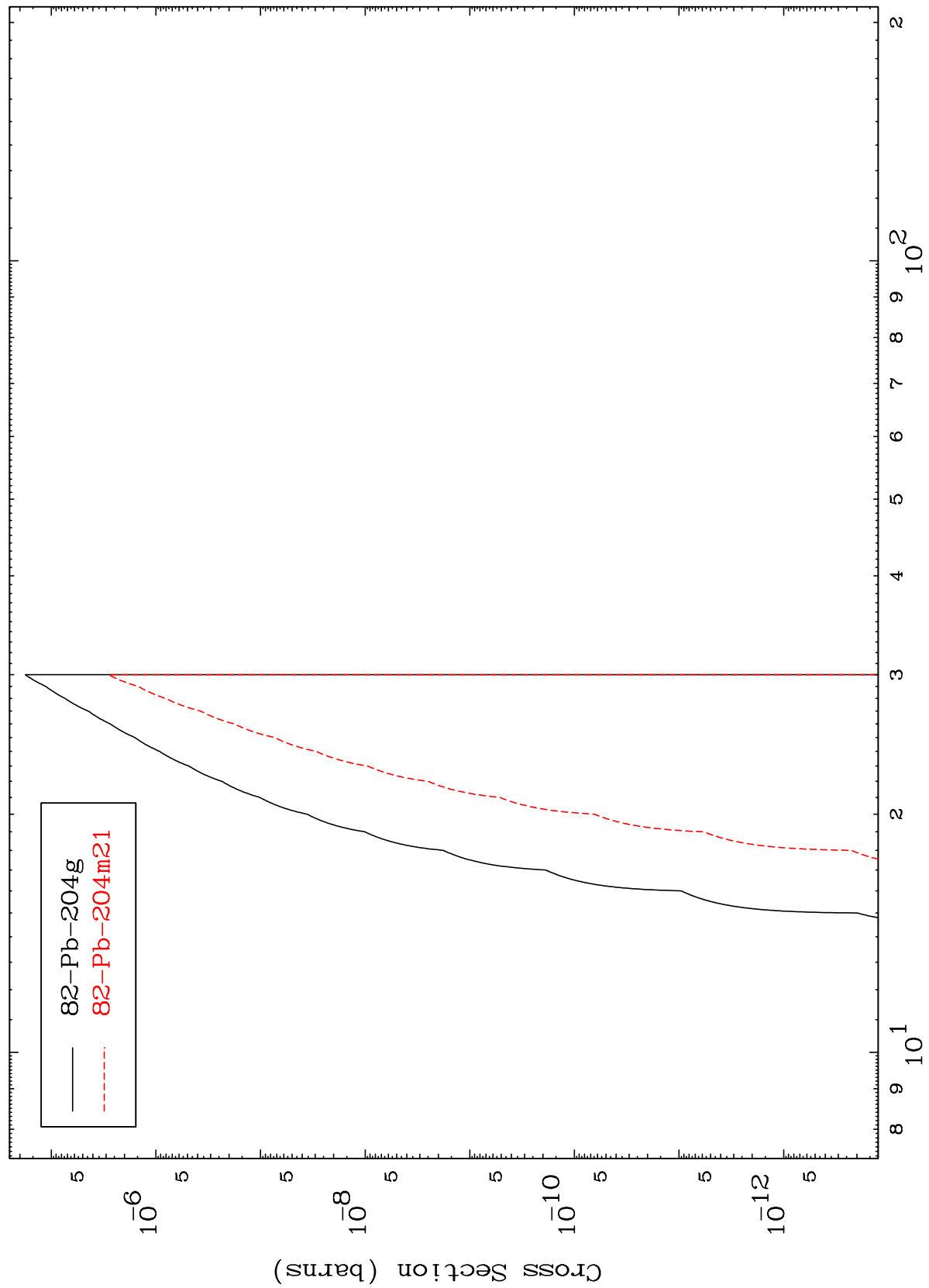


MAT 8425

(n,2n) p

84-Po-206

Radionuclide Production Cross Section



82-Pb-204g
82-Pb-204m21

130

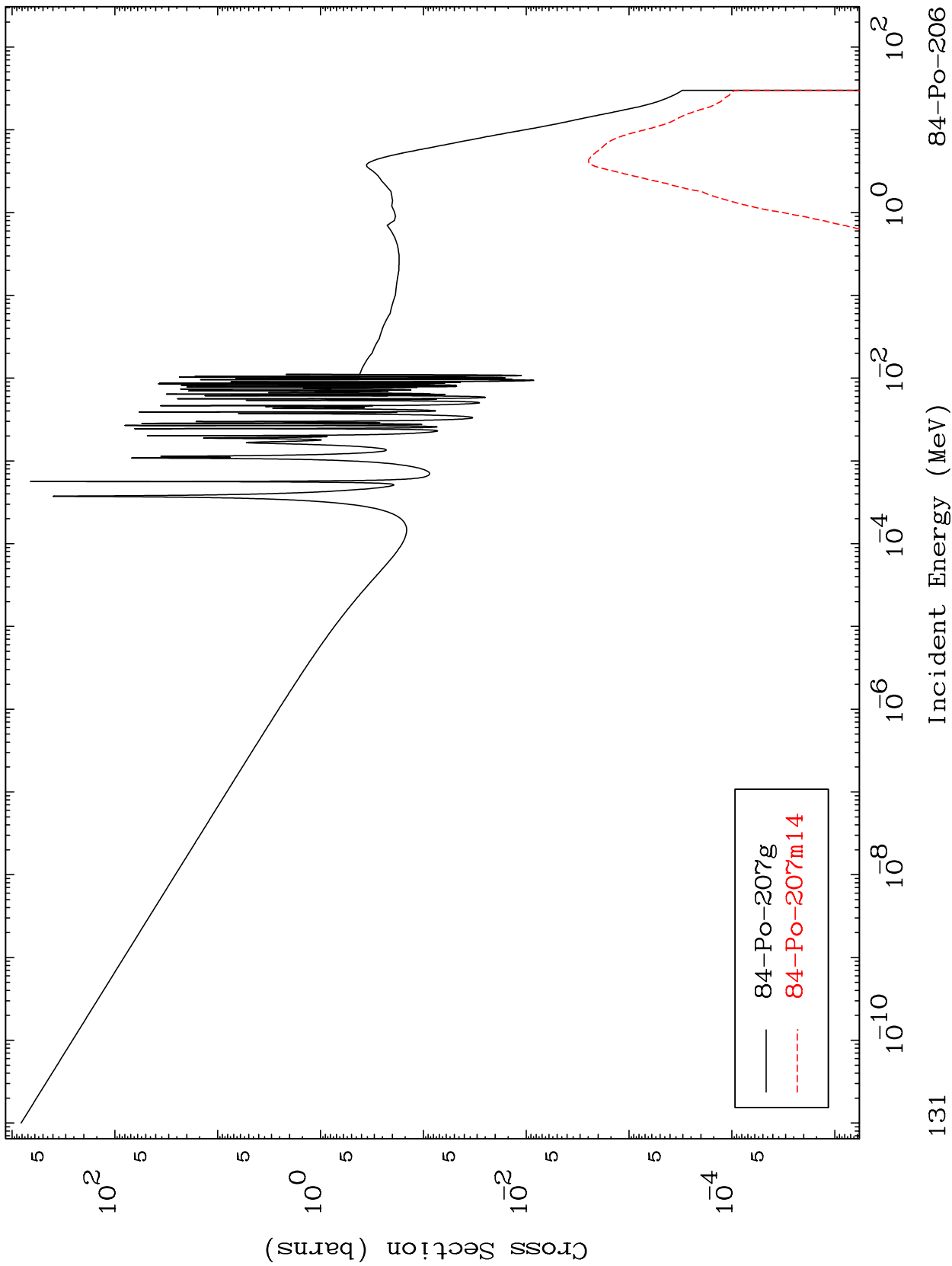
Incident Energy (MeV)

84-Po-206

MAT 8425

84-Po-206

(n, γ)
Radionuclide Production Cross Section



131

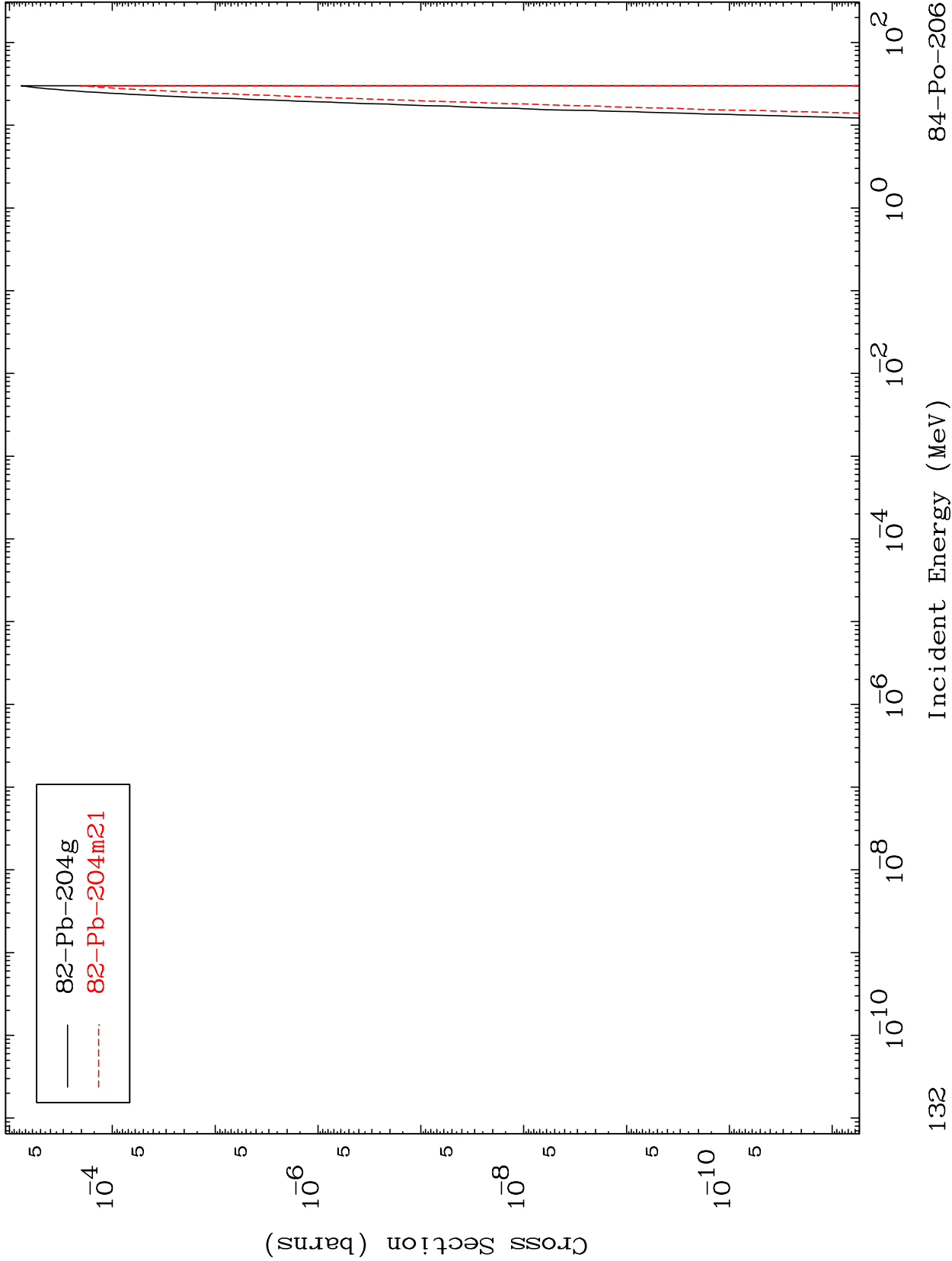
84-Po-206

MAT 8425

(n,He-3)

84-Po-206

Radionuclide Production Cross Section



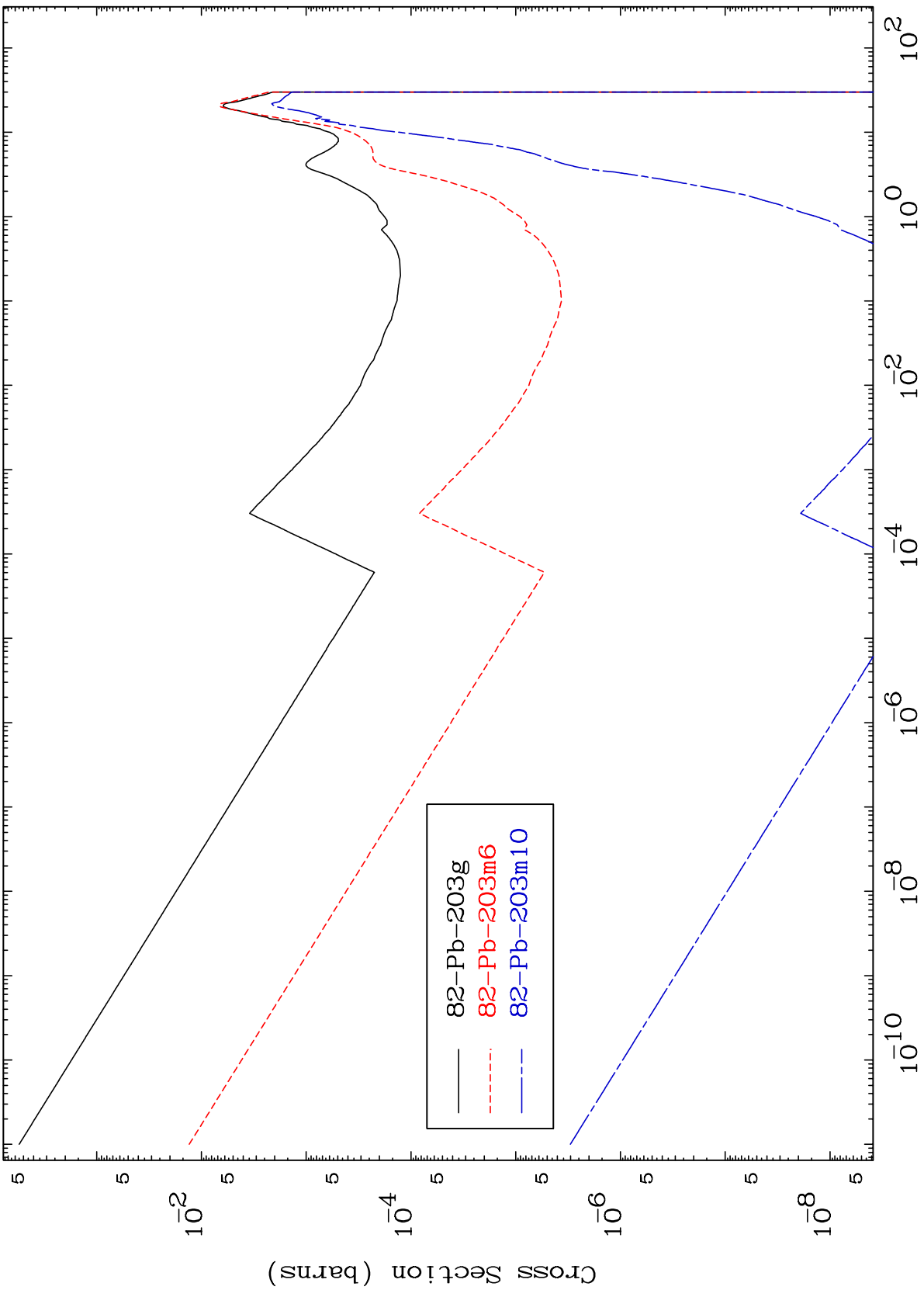
82-Pb-204g
82-Pb-204m21

MAT 8425

84-Po-206

Radionuclide Production Cross Section

(n, α)



84-Po-206

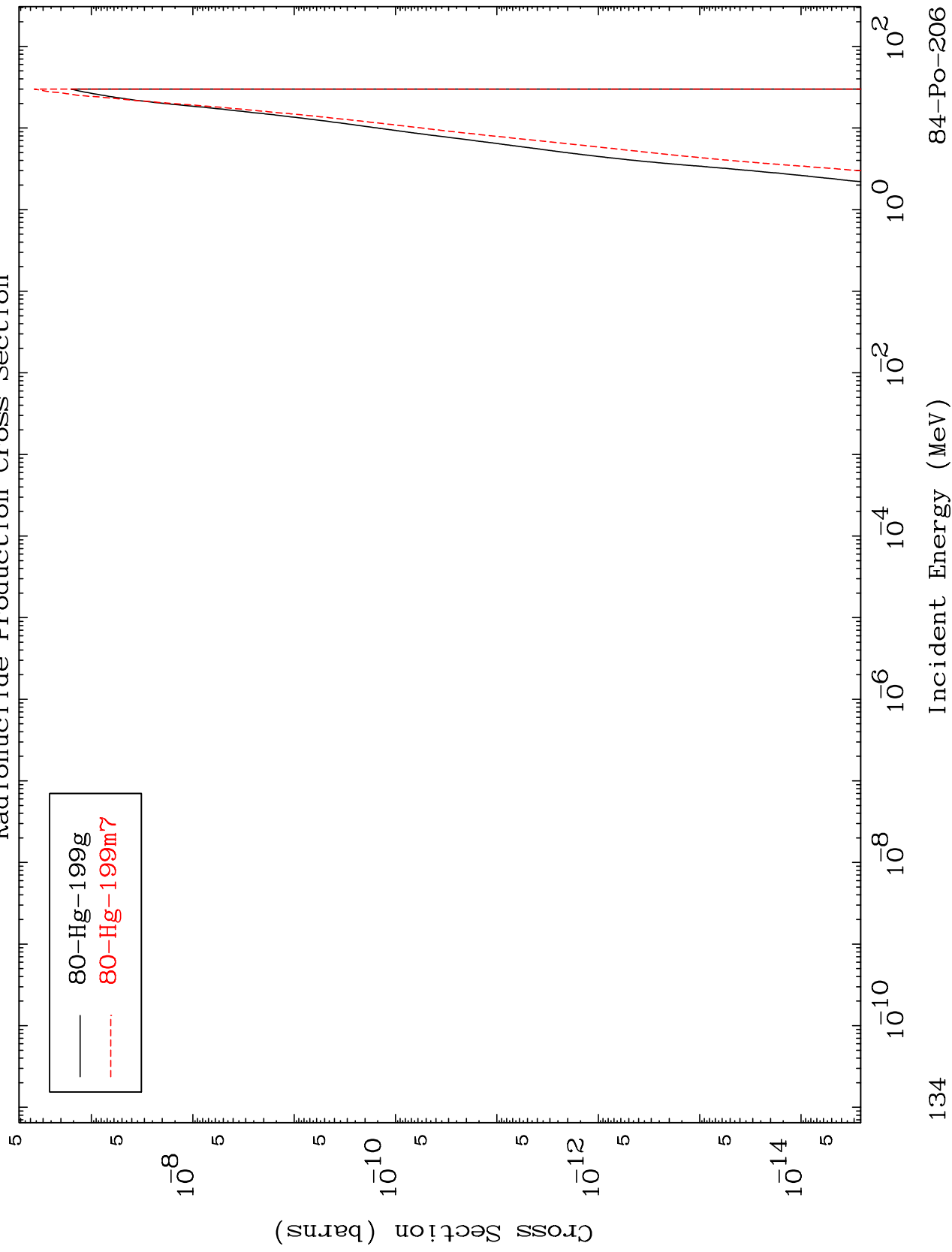
Incident Energy (MeV)

133

MAT 8425

84-Po-206

Radionuclide Production Cross Section
(n,2 α)



134

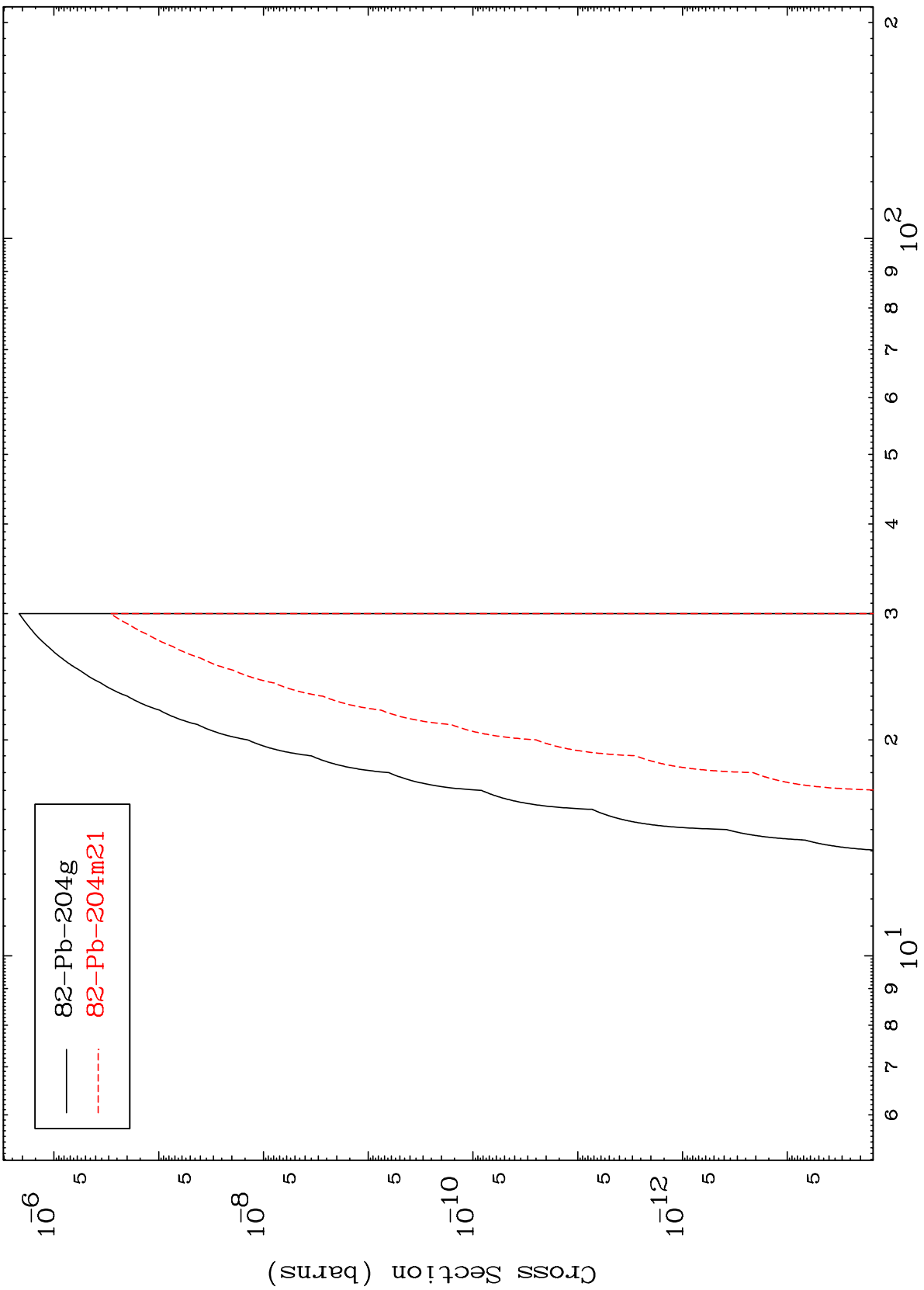
84-Po-206

MAT 8425

(n,p) d

84-Po-206

Radionuclide Production Cross Section



82-Pb-204g
82-Pb-204m21

135

Incident Energy (MeV)

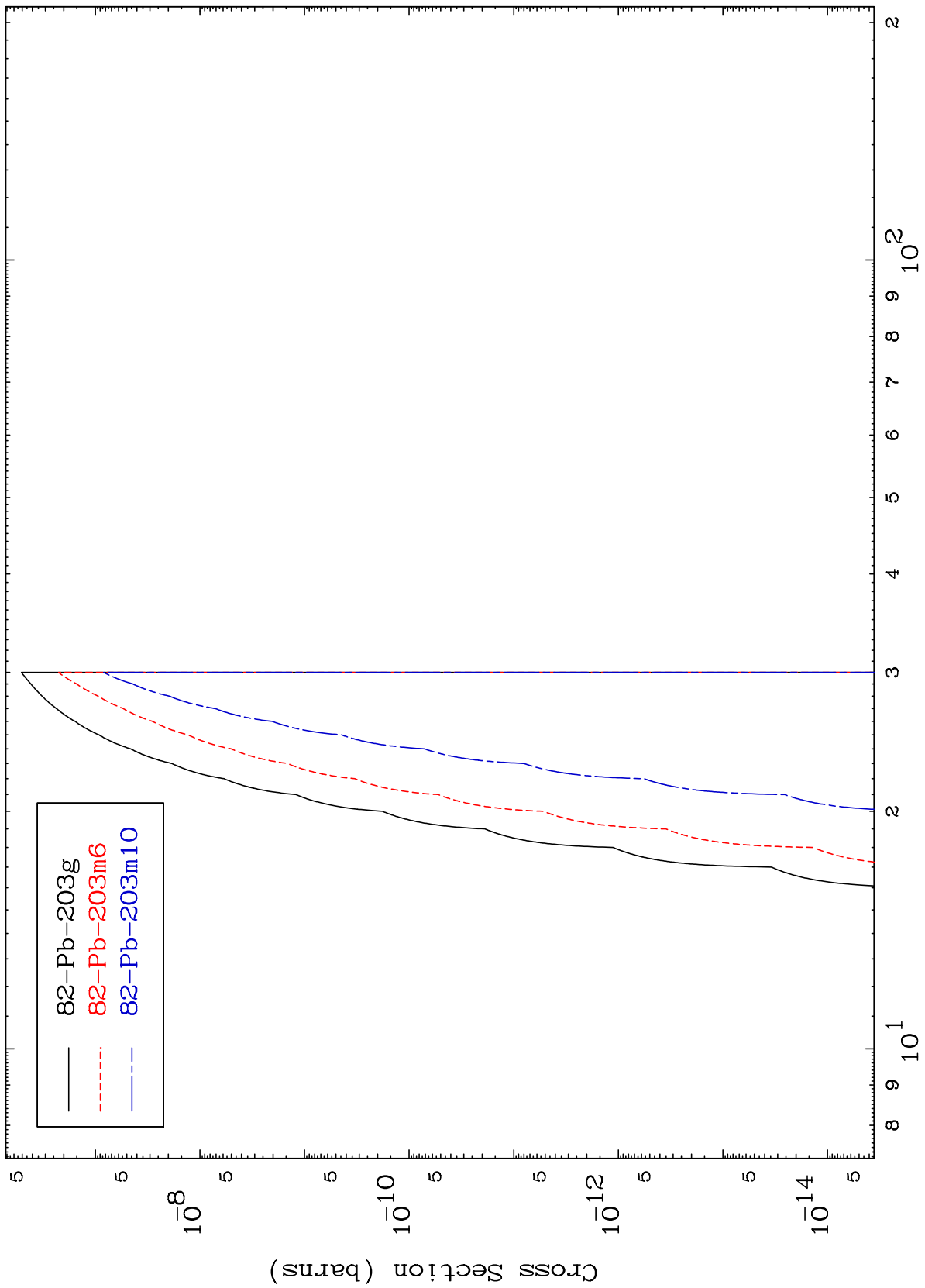
84-Po-206

MAT 8425

(n,p) t

84-Po-206

Radionuclide Production Cross Section



136

Incident Energy (MeV)

84-Po-206