

Program EVALPLOT
(Version 2015-2)

by

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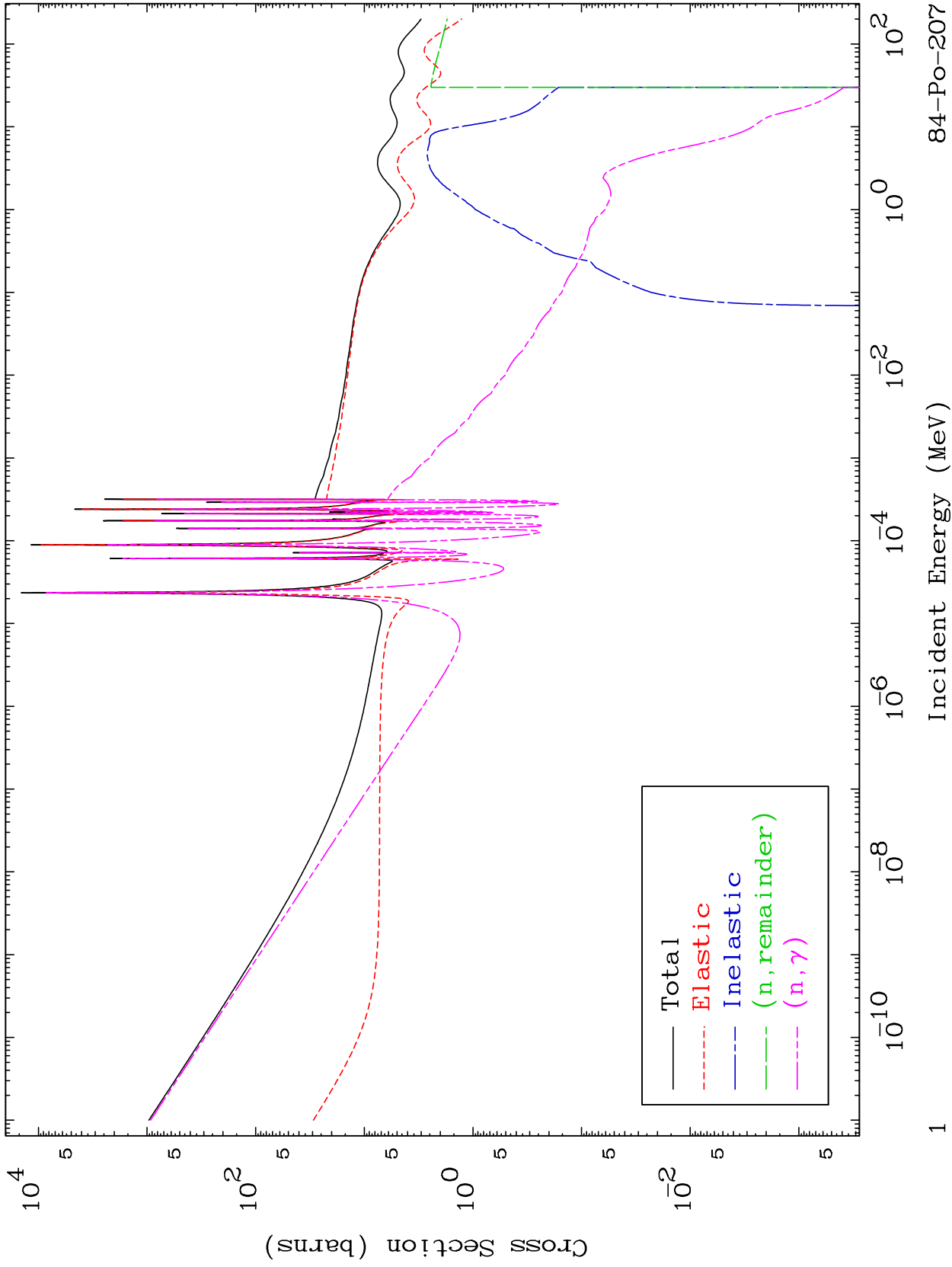
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8428

Major
293 Kelvin Cross Sections

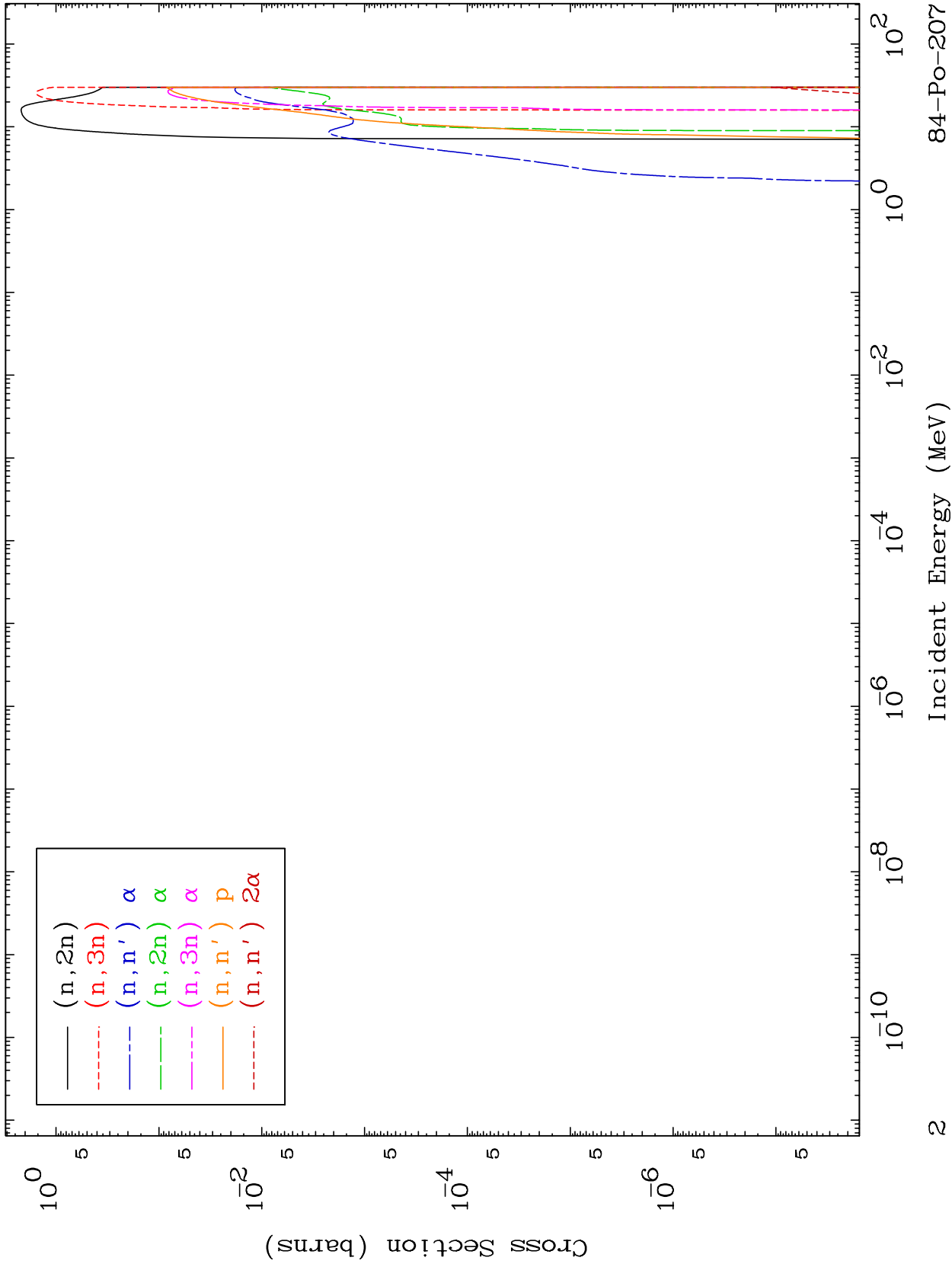
84-Po-207



MAT 8428

Neutron Production
293 Kelvin Cross Sections

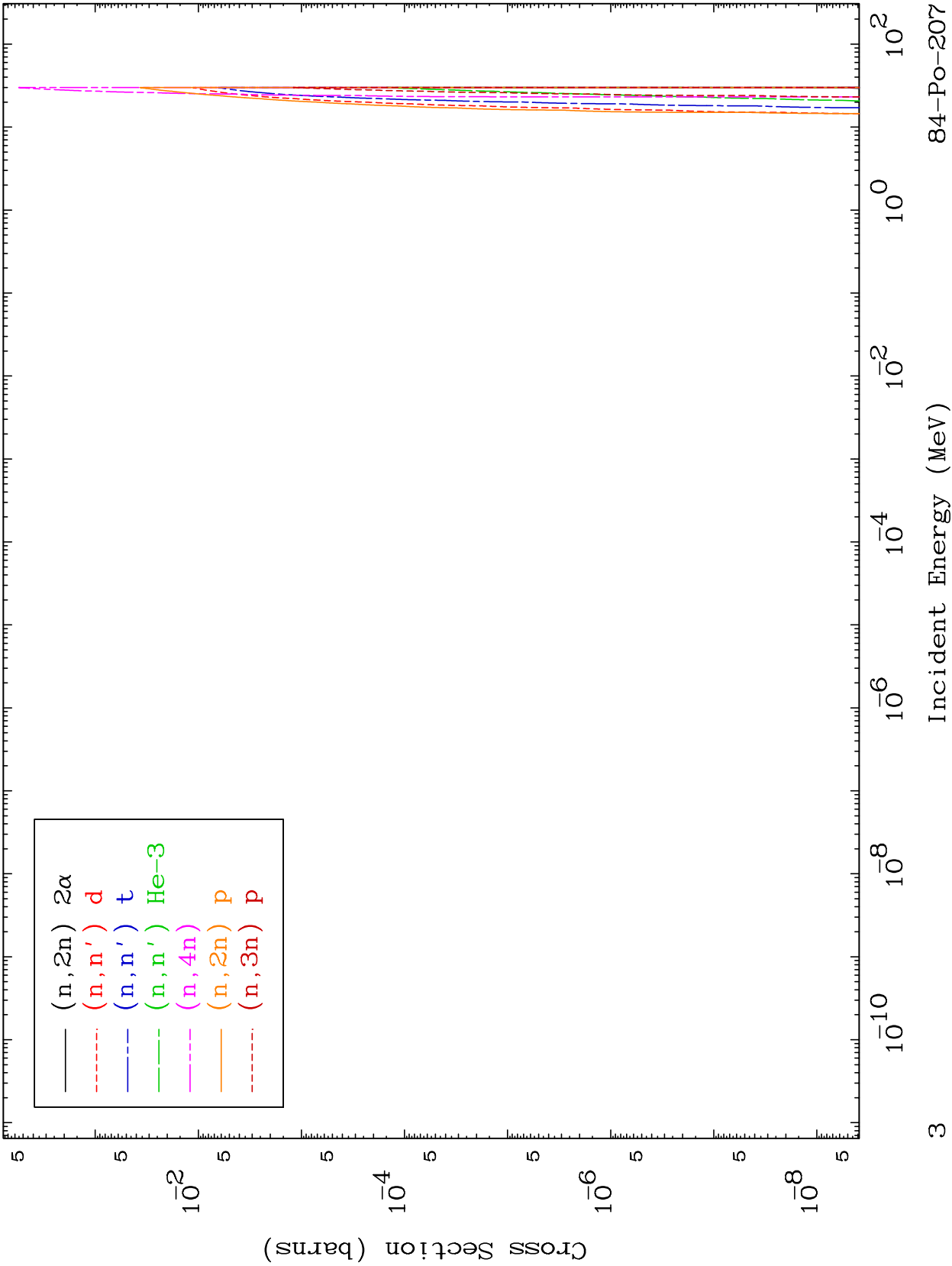
84-Po-207



MAT 8428

Neutron Production
293 Kelvin Cross Sections

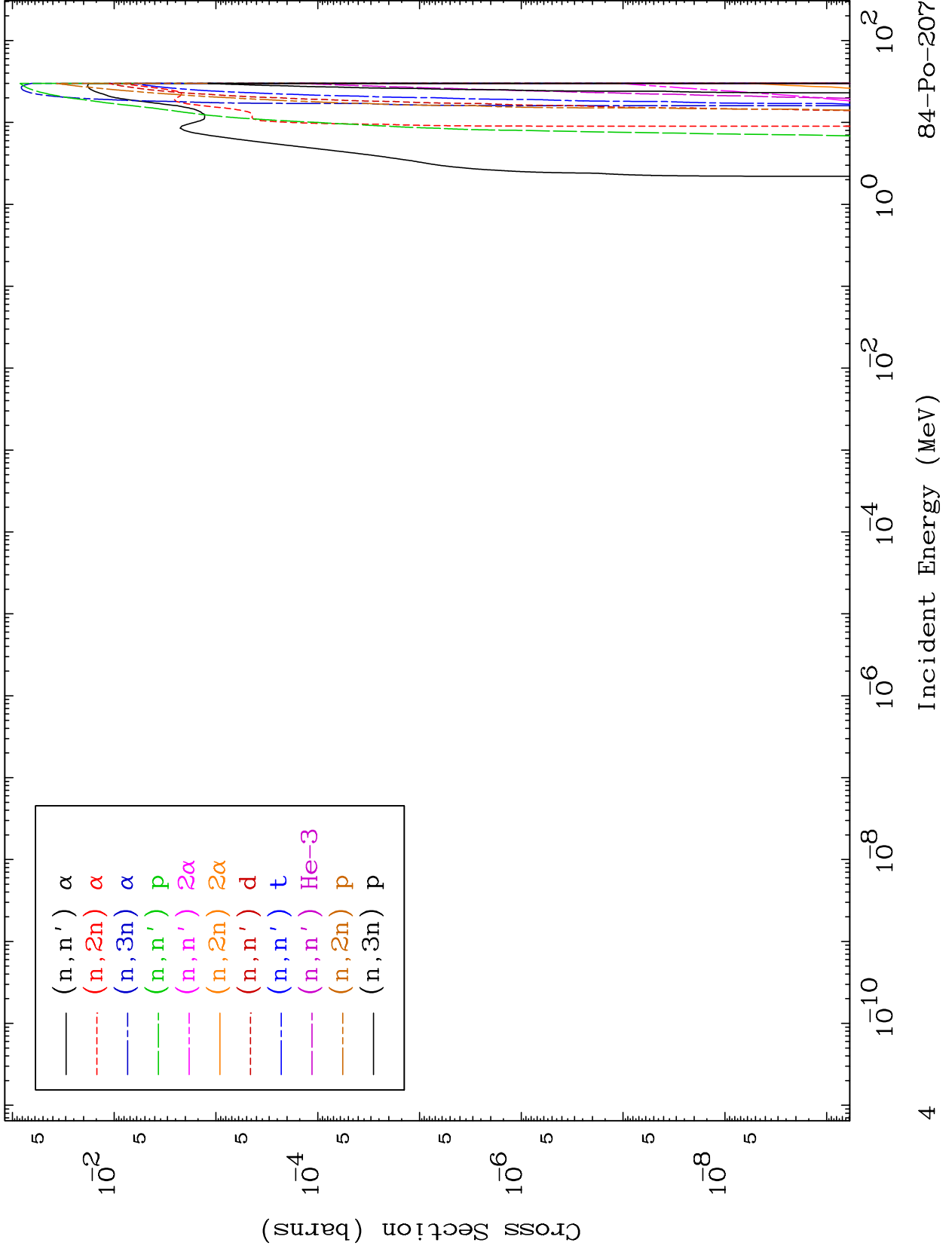
84-Po-207



MAT 8428

Charged Particle
293 Kelvin Cross Sections

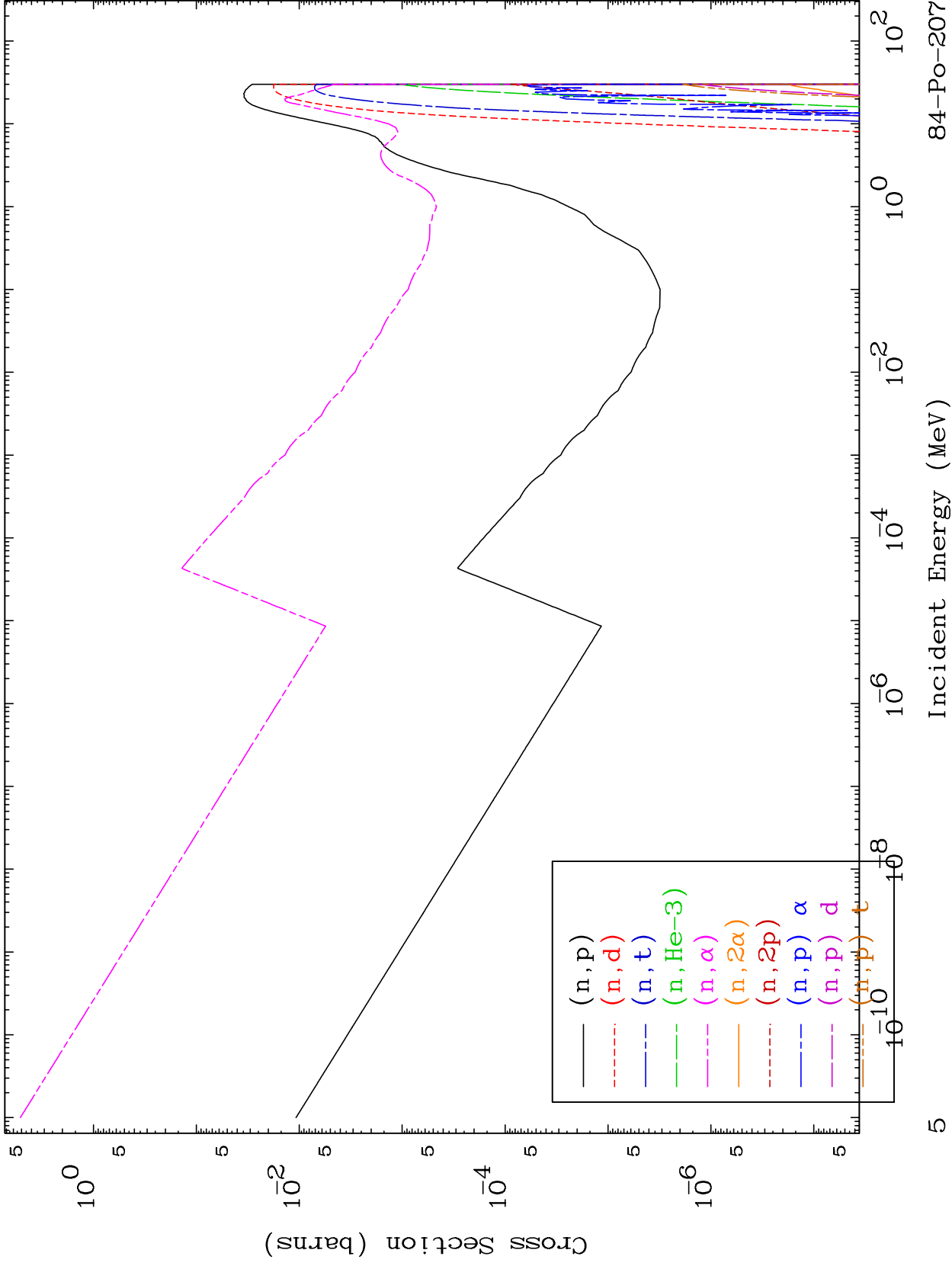
84-Po-207



MAT 8428

Charged Particle
293 Kelvin Cross Sections

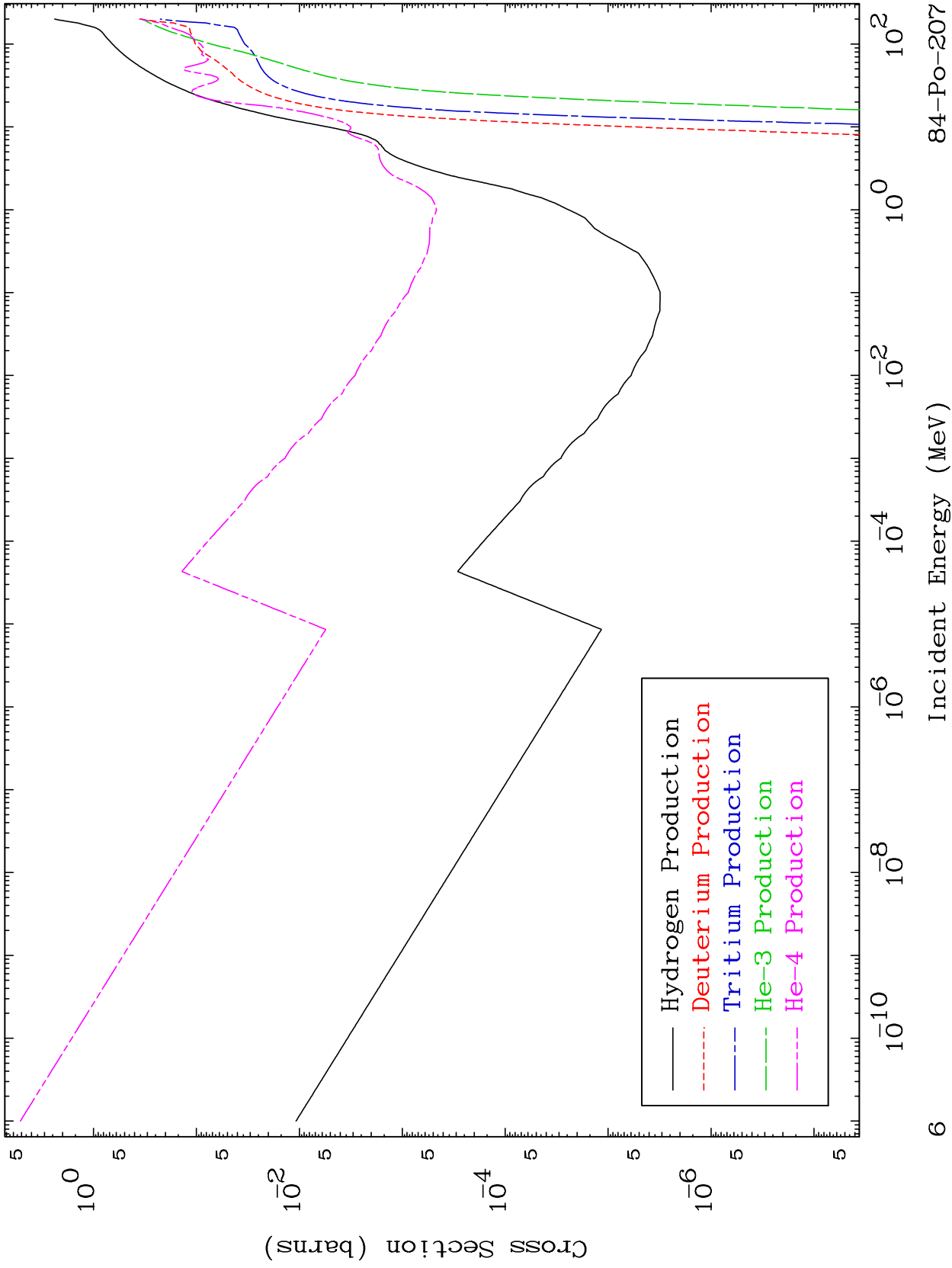
84-Po-207



MAT 8428

Particle Production
293 Kelvin Cross Sections

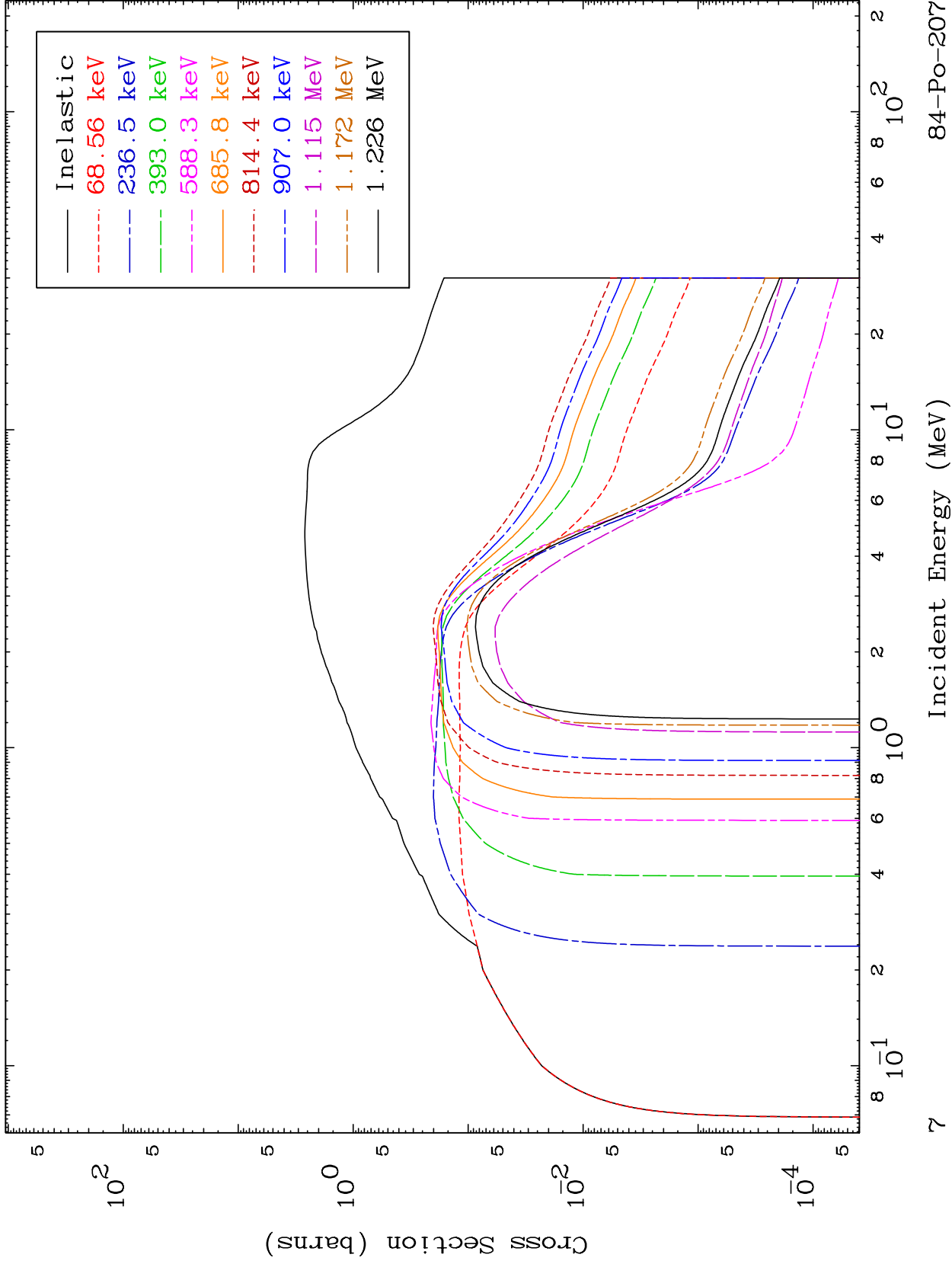
84-Po-207



MAT 8428

(n,n') Level
293 Kelvin Cross Sections

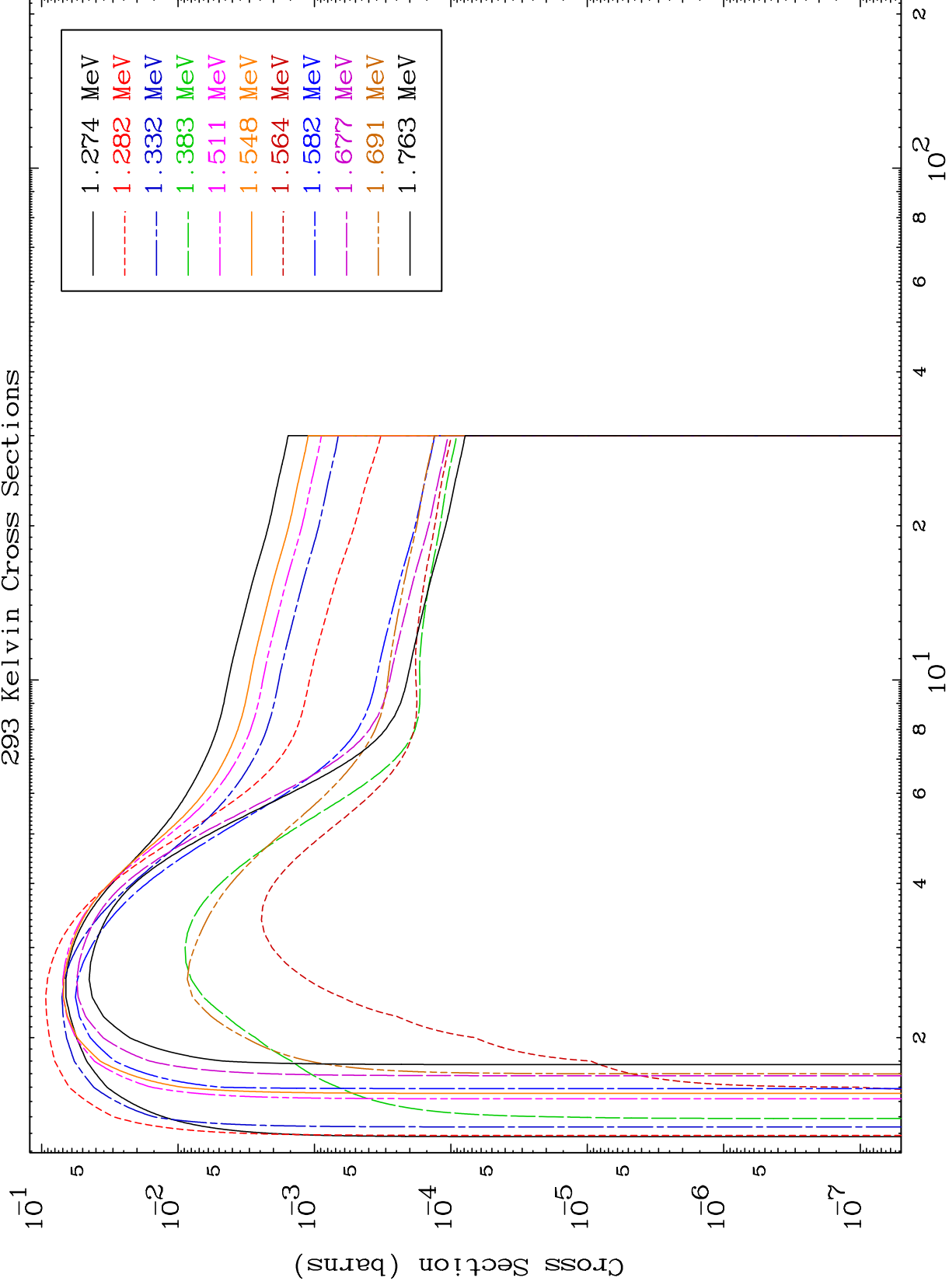
84-Po-207



MAT 8428

(n,n') Level
293 Kelvin Cross Sections

84-Po-207



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Incident Energy (MeV)

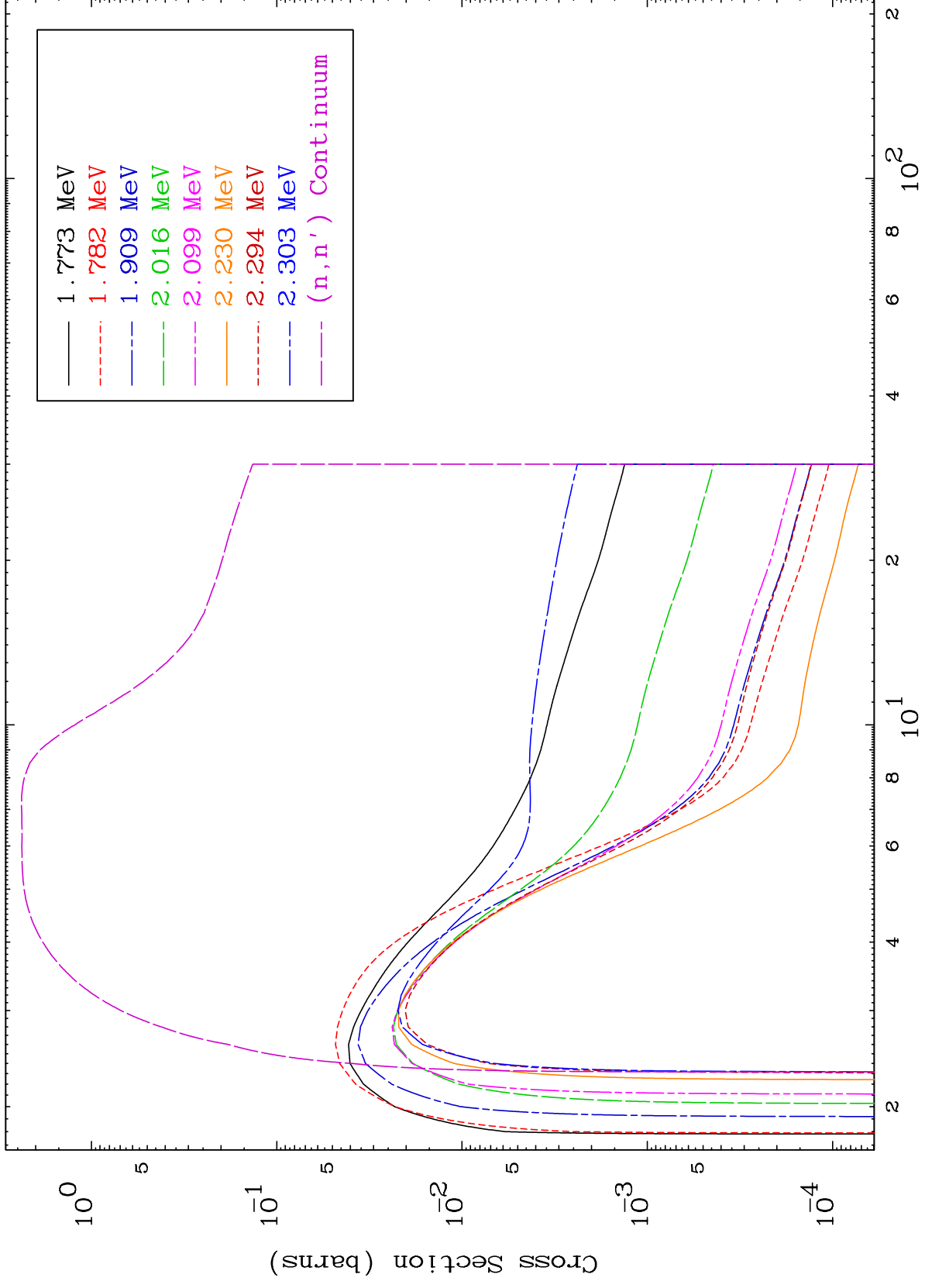
84-Po-207

MAT 8428

(n,n') Level

84-Po-207

293 Kelvin Cross Sections



9

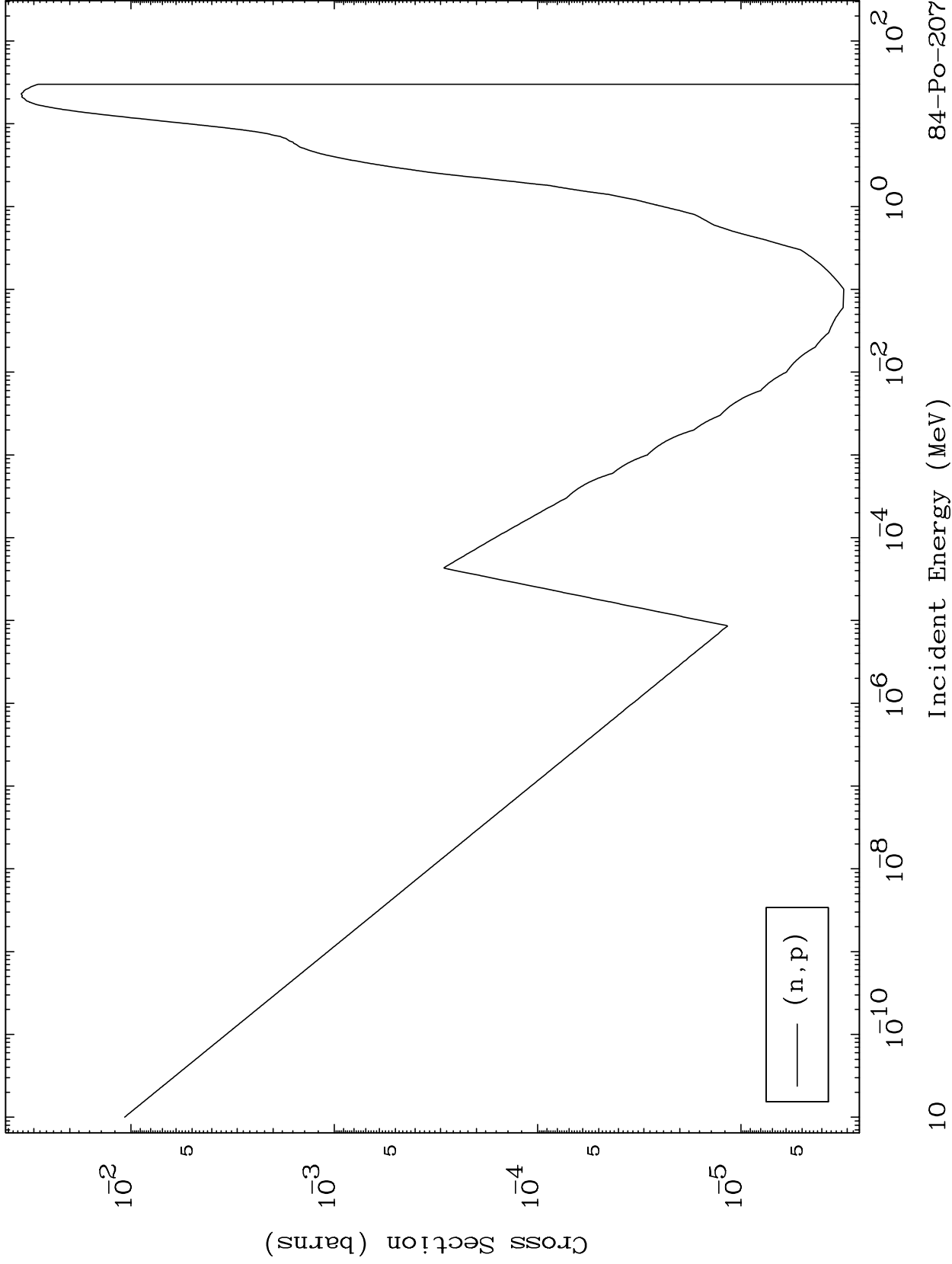
Incident Energy (MeV)

84-Po-207

MAT 8428

(n,p) Levels
293 Kelvin Cross Sections

84-Po-207



10

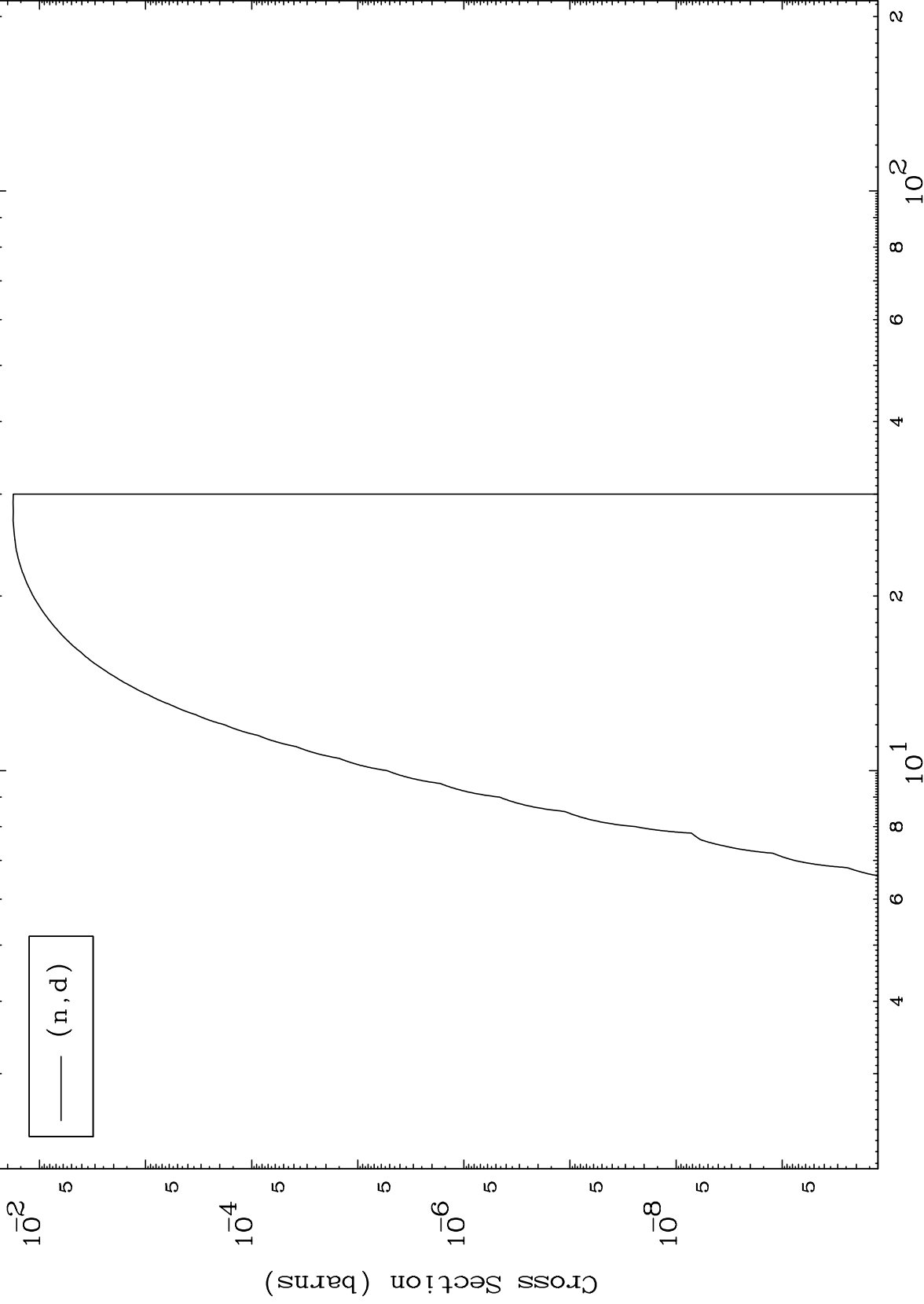
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84-Po-207

MAT 8428

(n,d) Levels
293 Kelvin Cross Sections

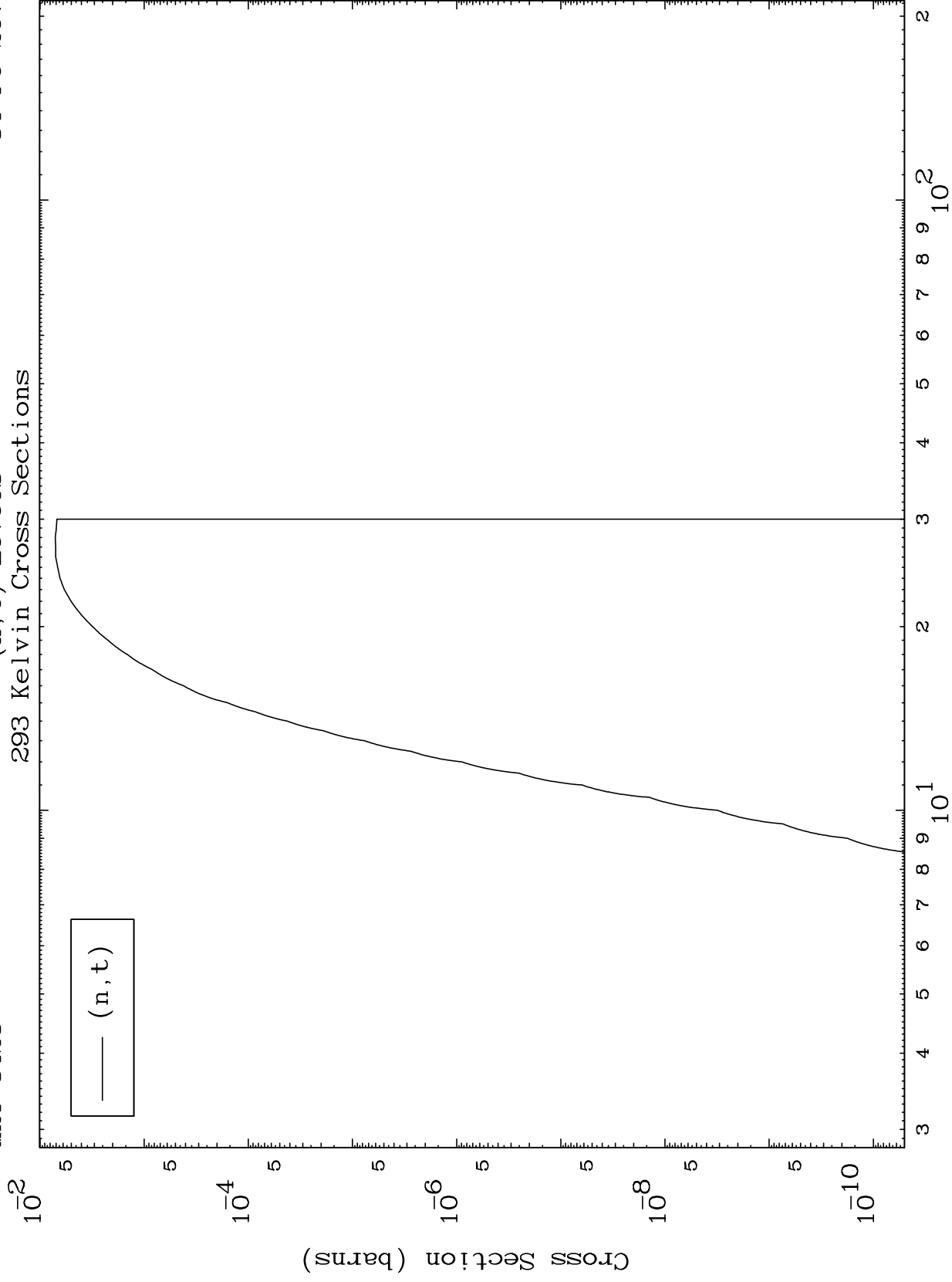
84-Po-207



MAT 8428

(n,t) Levels
293 Kelvin Cross Sections

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12

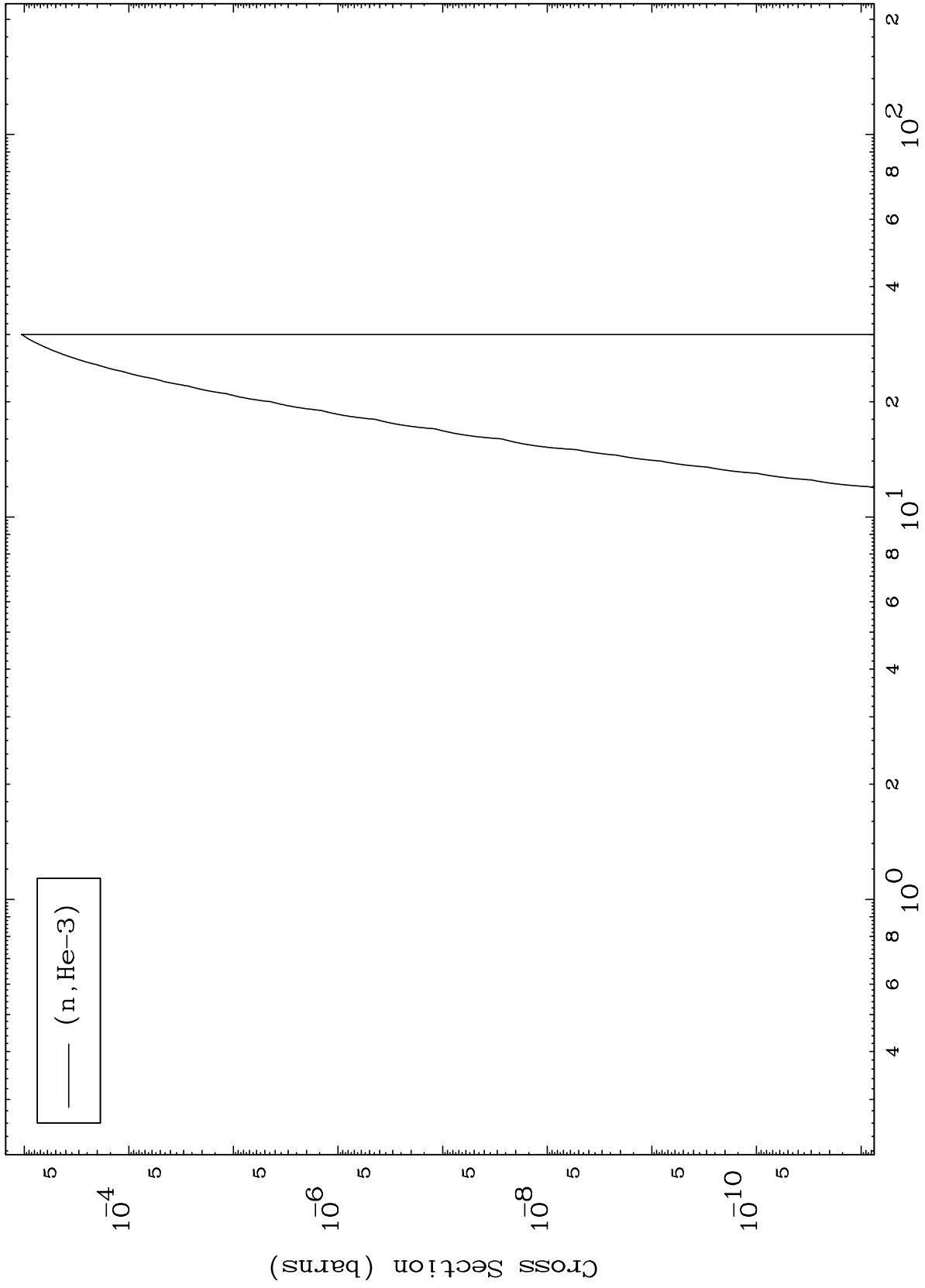
Incident Energy (MeV)

84-Po-207

MAT 8428

(n,He3) Levels
293 Kelvin Cross Sections

84-Po-207



13

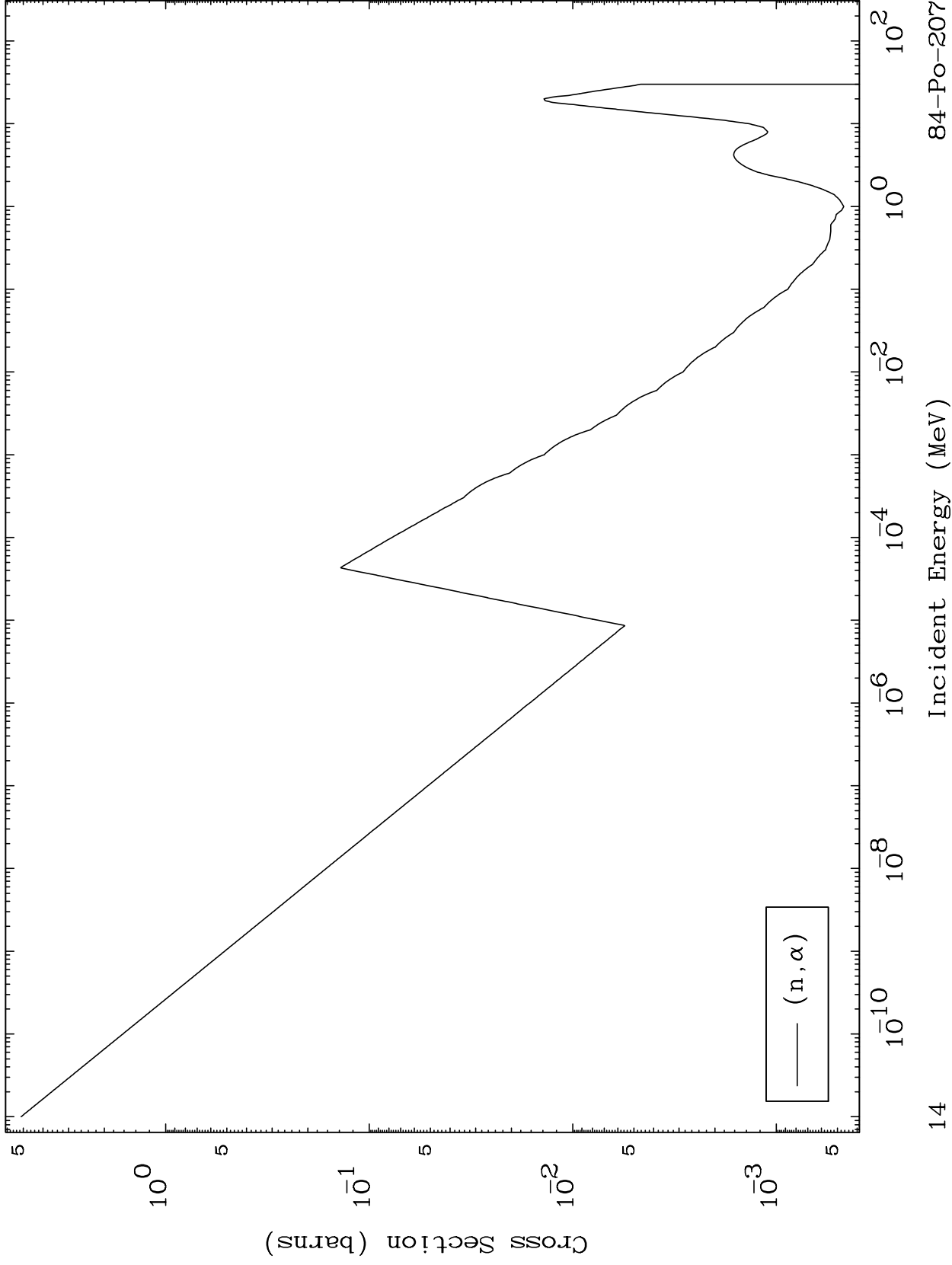
Incident Energy (MeV)

84-Po-207

MAT 8428

(n,α) Levels
293 Kelvin Cross Sections

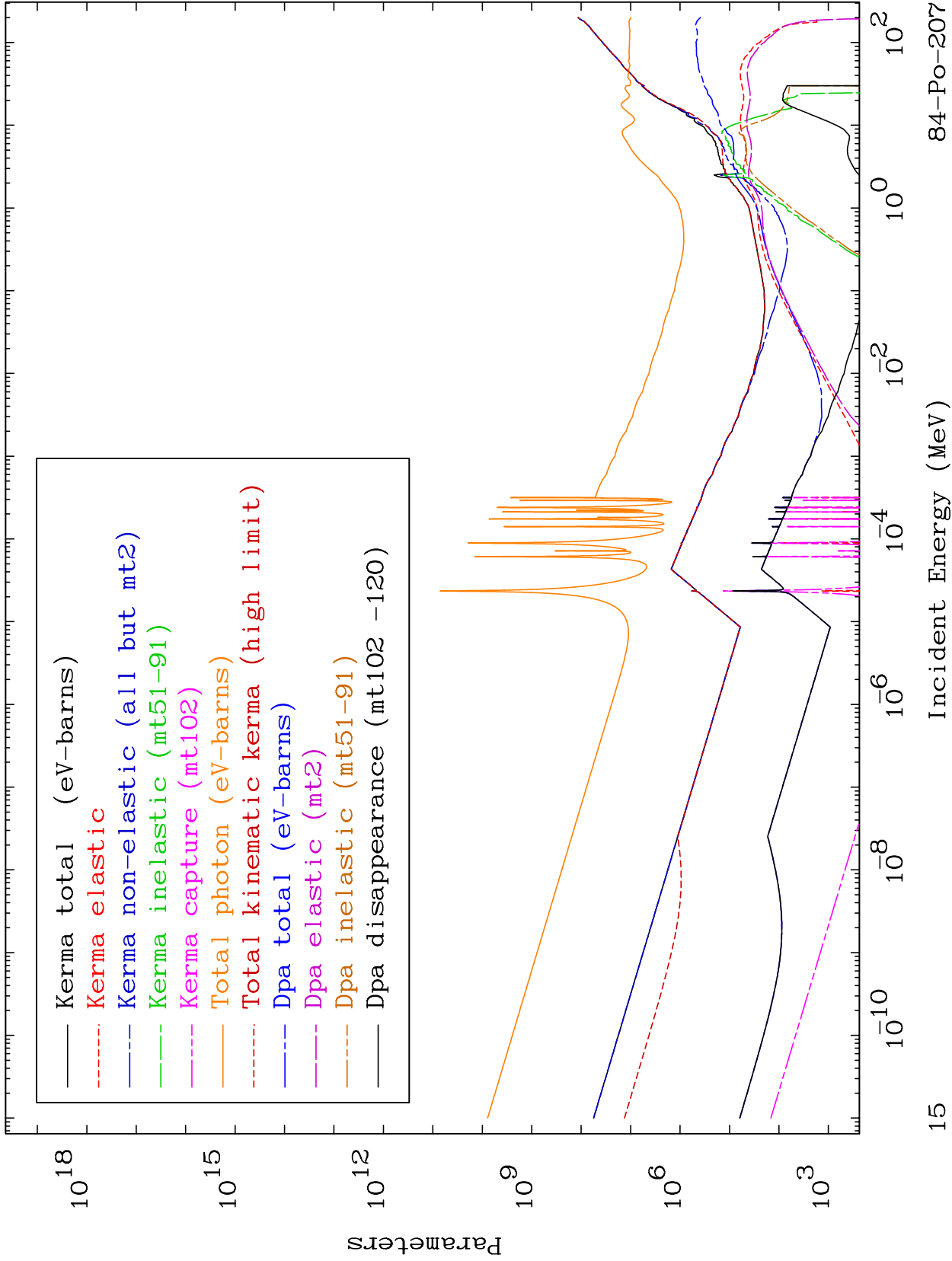
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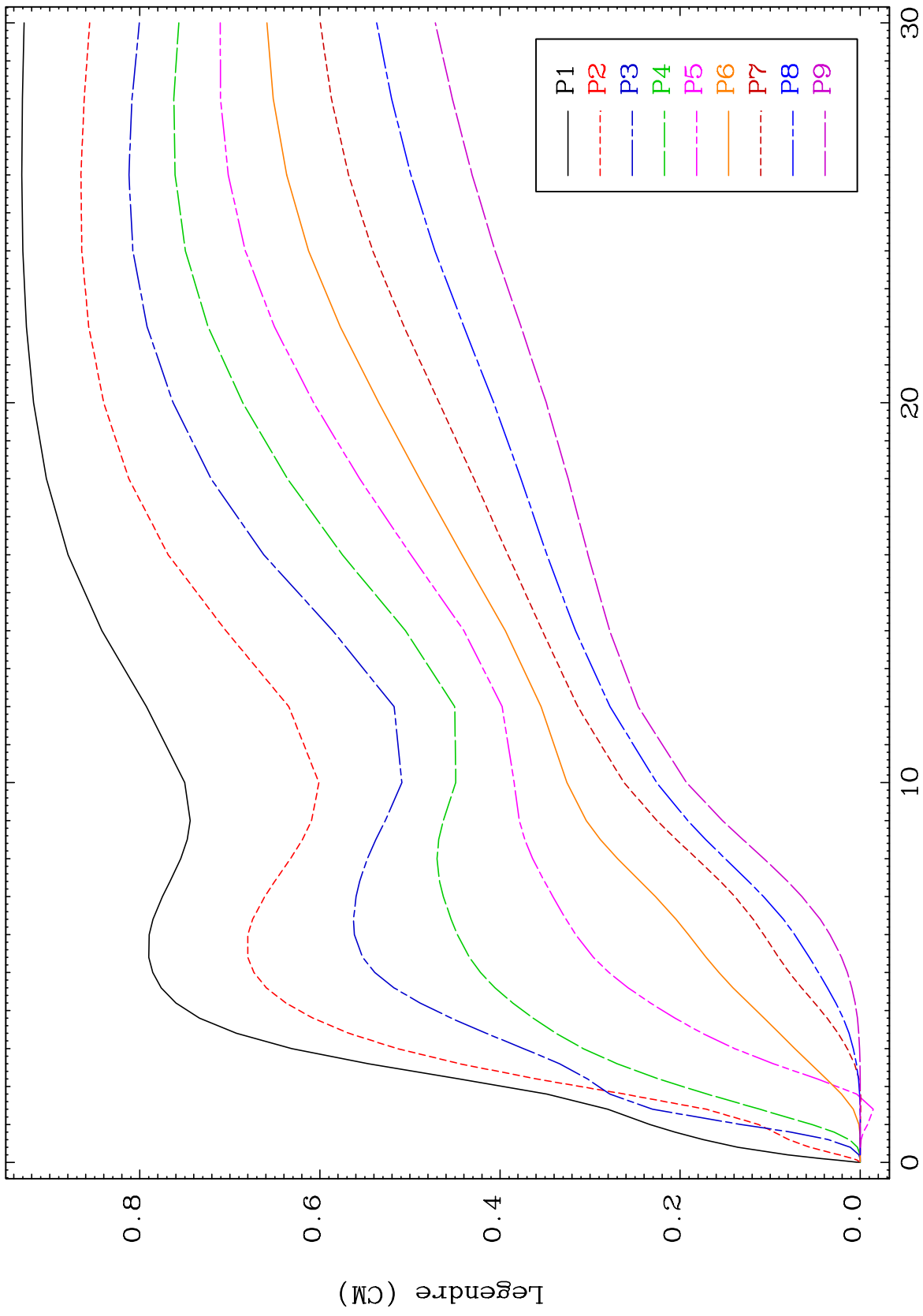
84-Po-207



MAT 8428

84-Po-207

Elastic Legendre Coefficients



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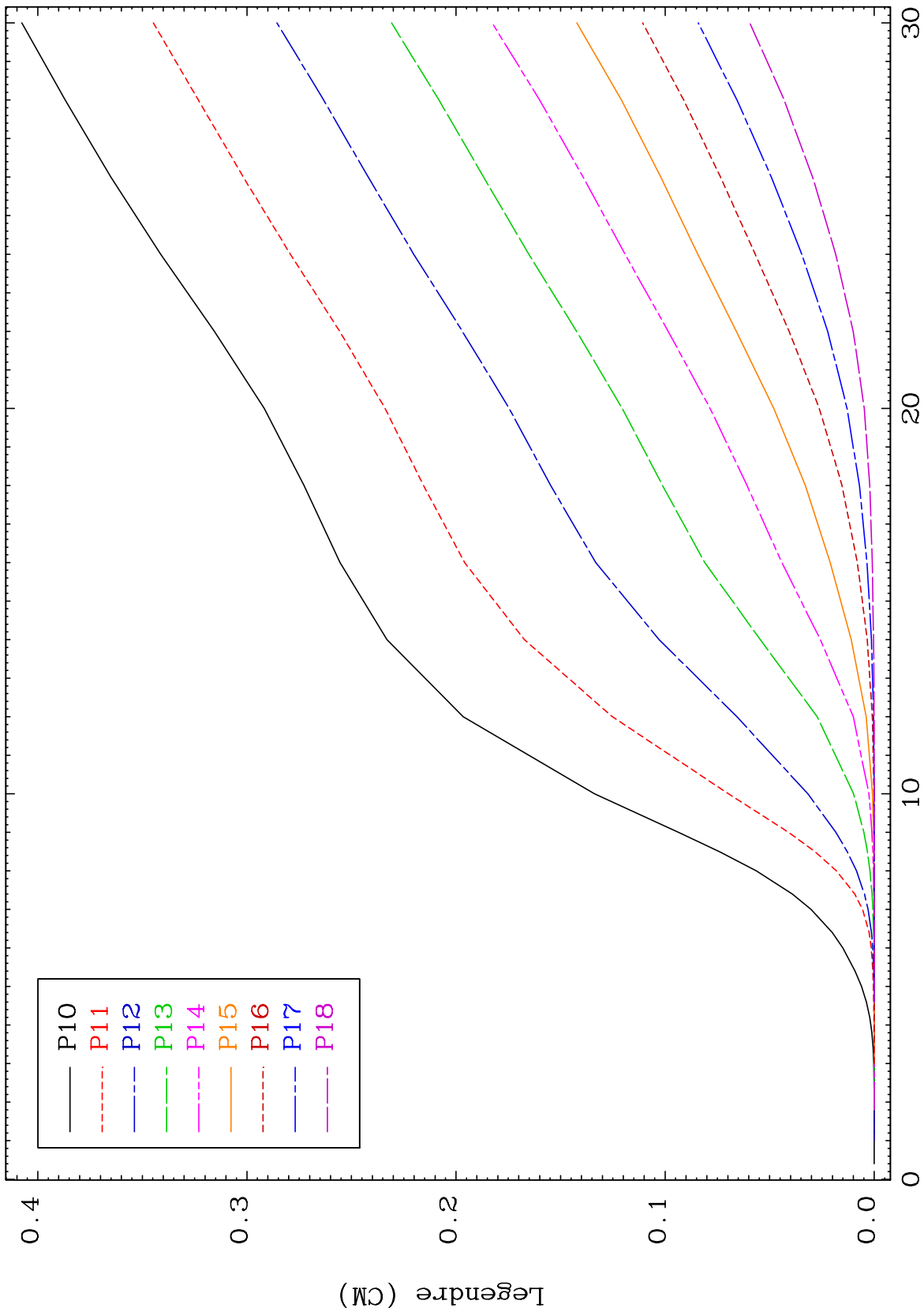
Incident Energy (MeV)

84-Po-207

MAT 8428

Elastic Legendre Coefficients

84-Po-207



17

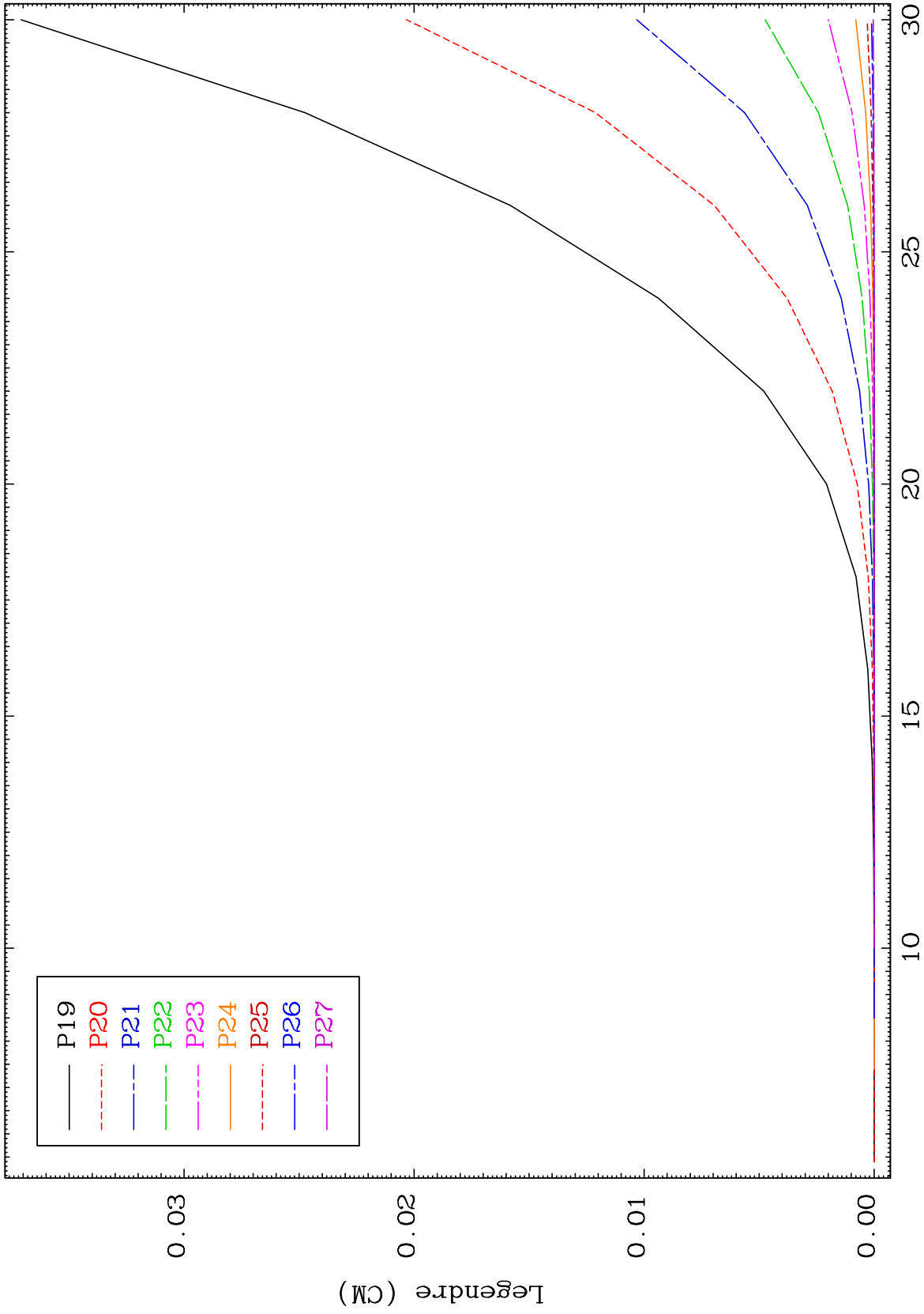
Incident Energy (MeV)

84-Po-207

MAT 8428

Elastic Legendre Coefficients

84-Po-207



18

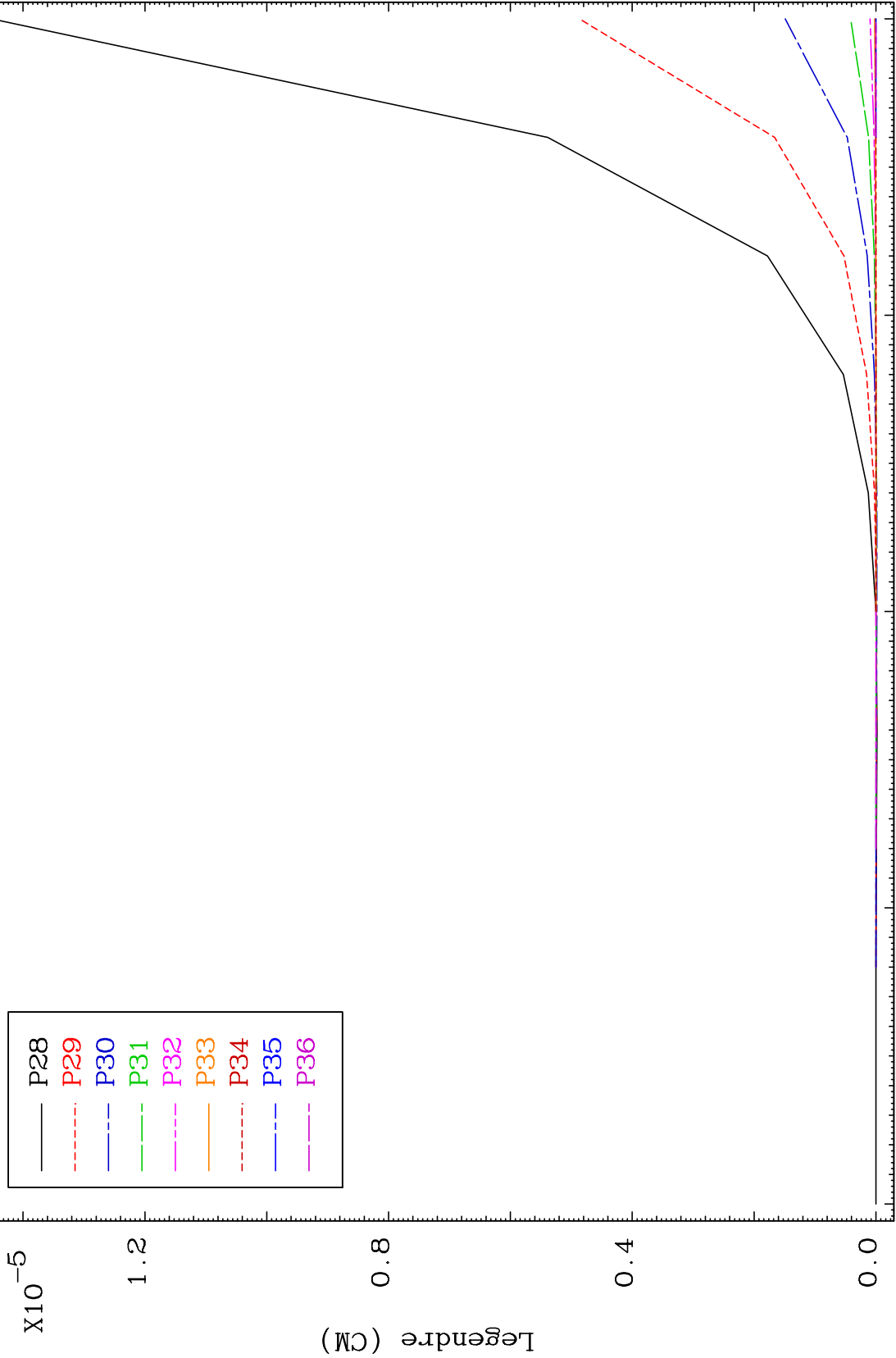
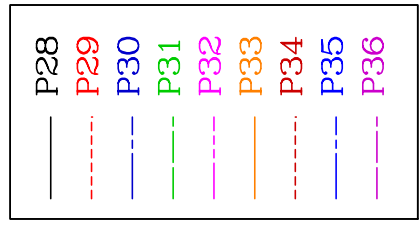
Incident Energy (MeV)

84-Po-207

MAT 8428

Elastic Legendre Coefficients

84-Po-207



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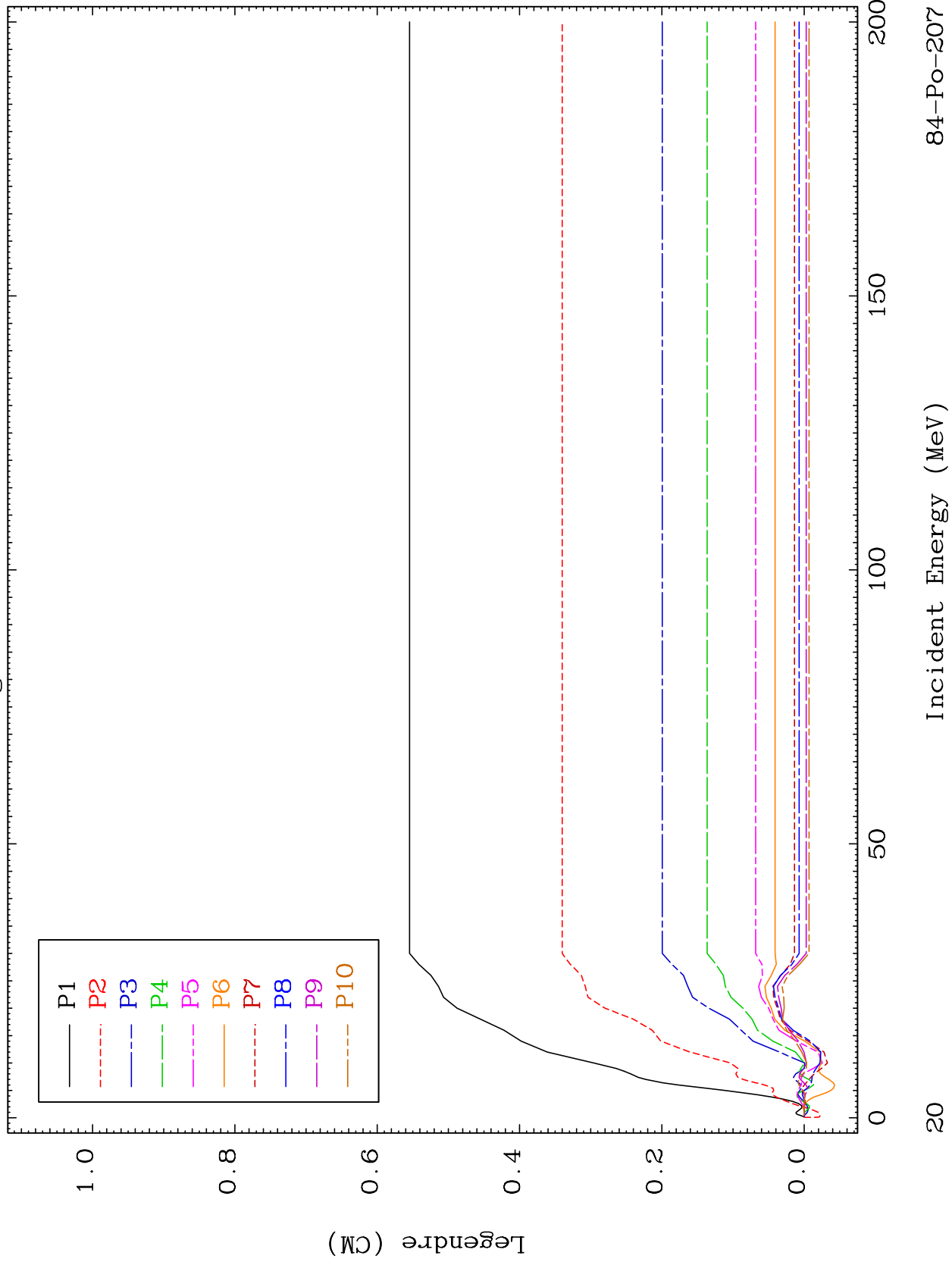
Incident Energy (MeV)

84-Po-207

MAT 8428

68.56 keV (n, n') Level
Legendre Coefficients

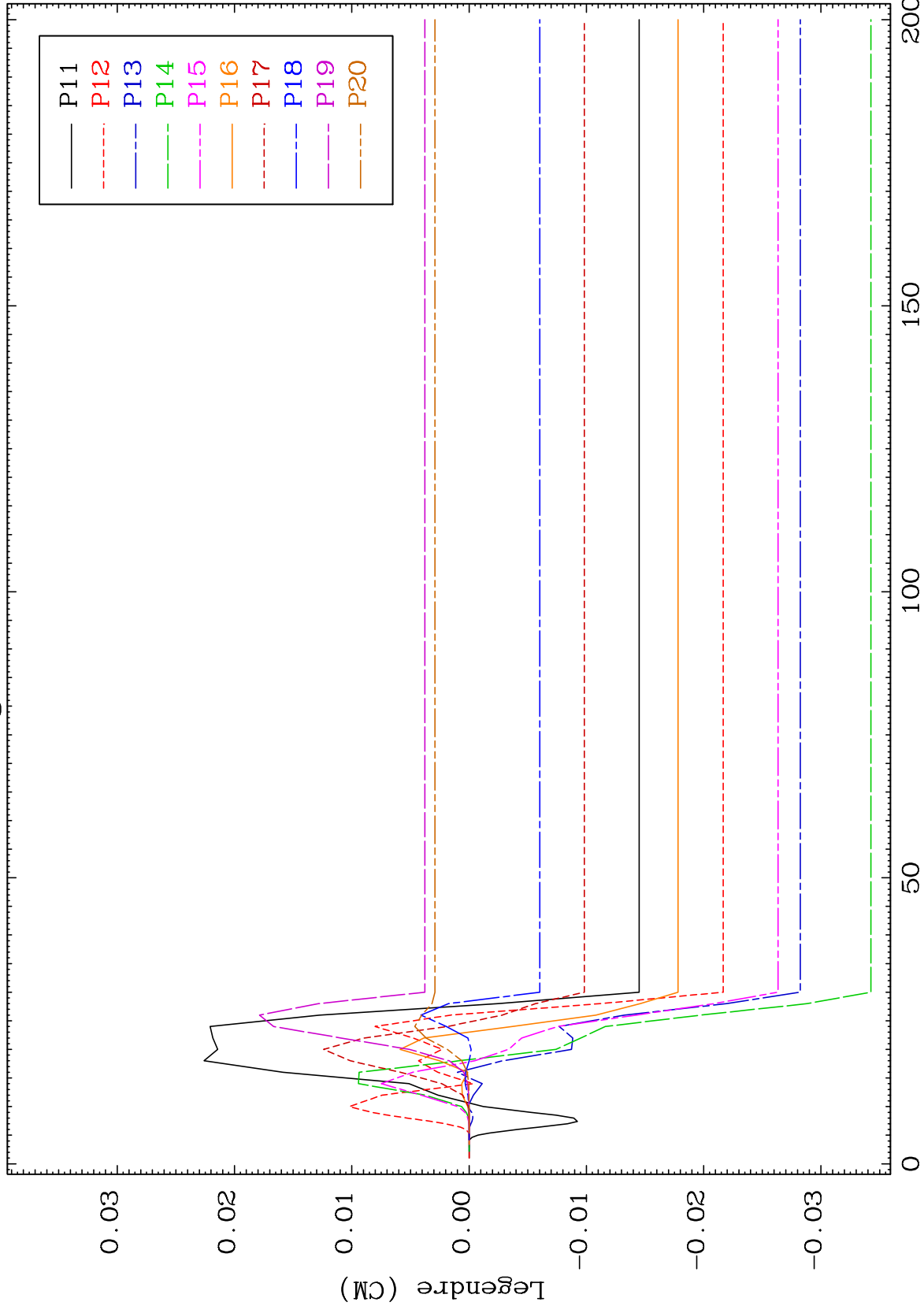
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MAT 8428

68.56 keV (n,n') Level
Legendre Coefficients

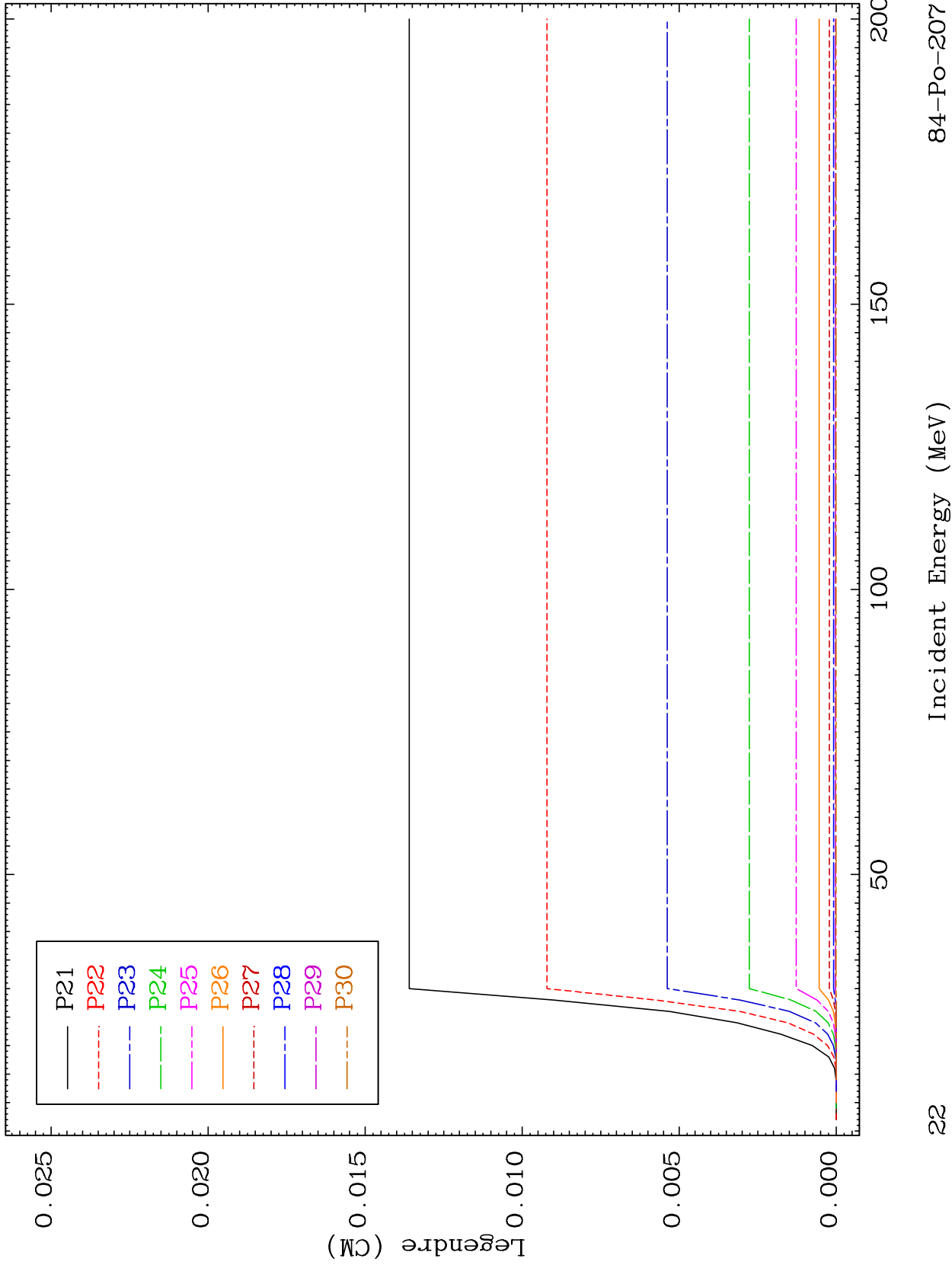
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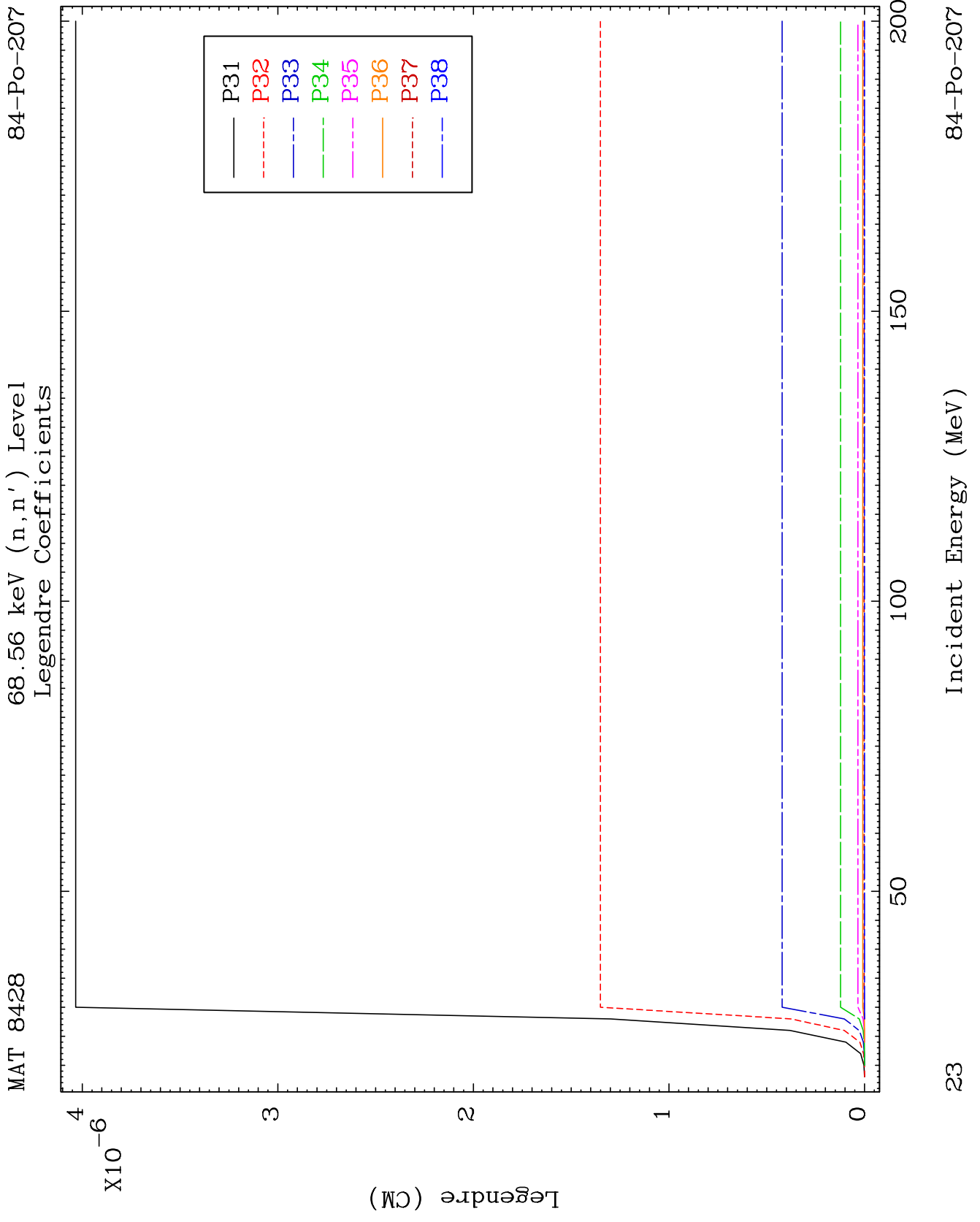


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Incident Energy (MeV)

84-Po-207

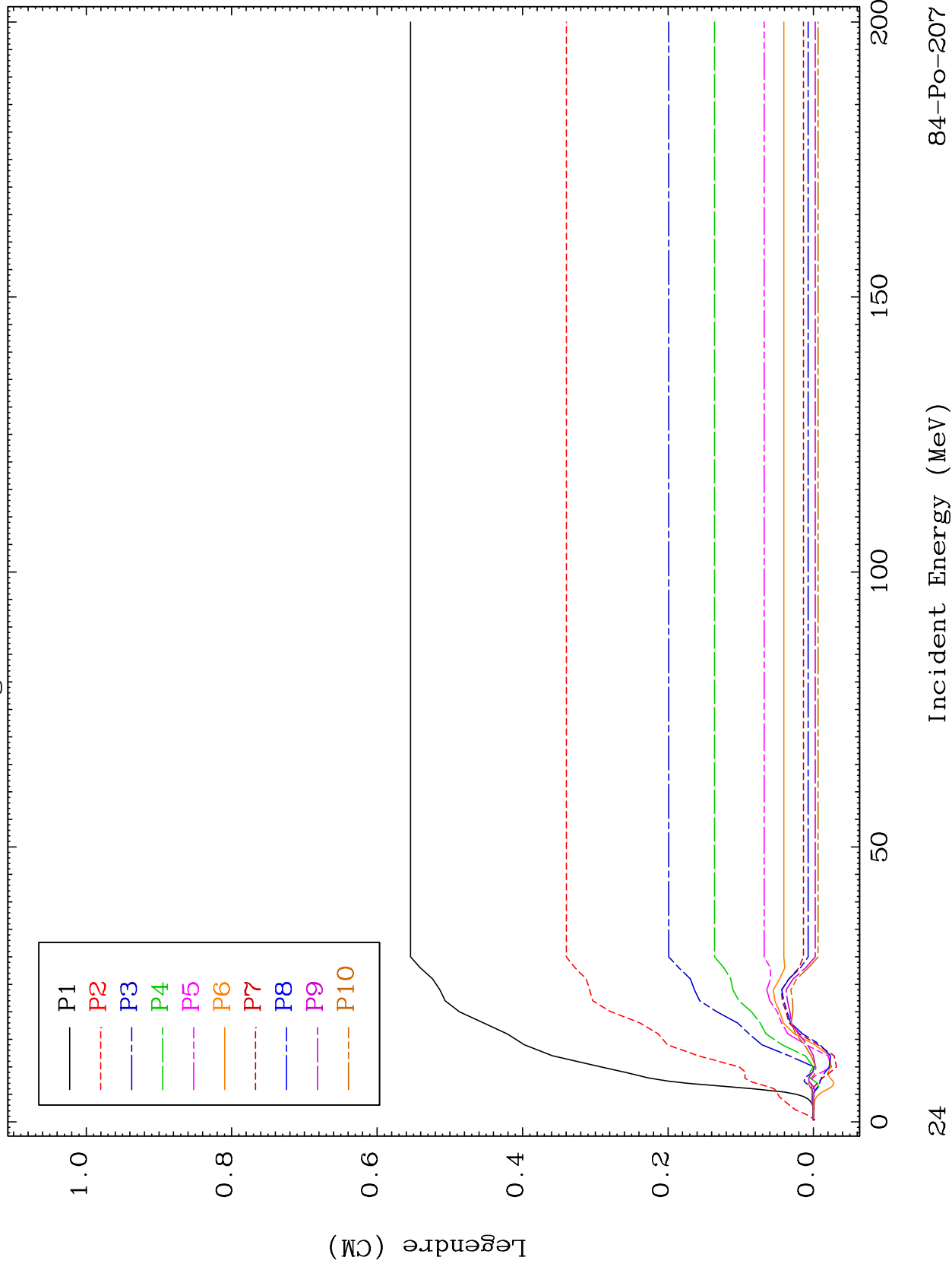




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236.5 keV (n,n') Level
Legendre Coefficients

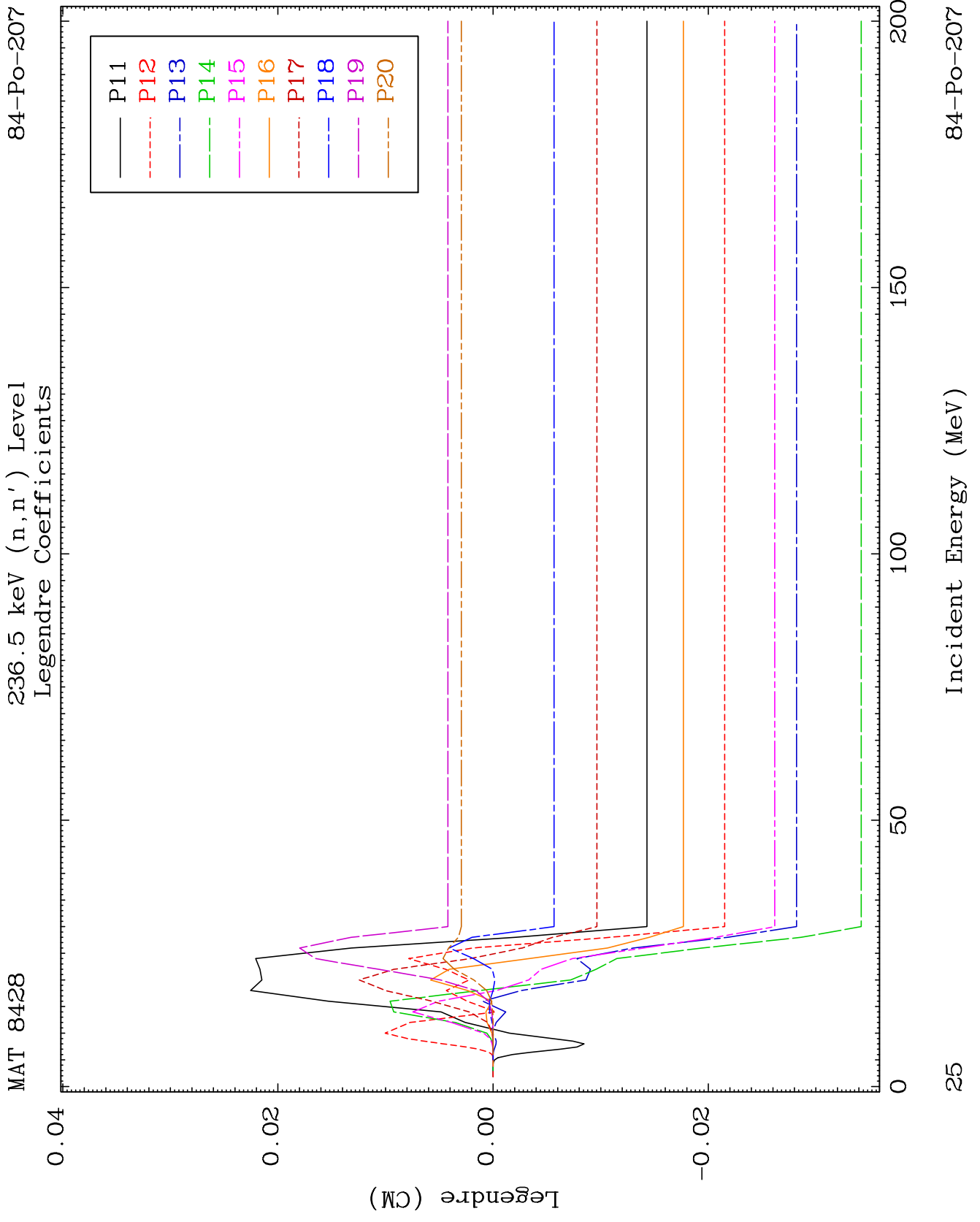
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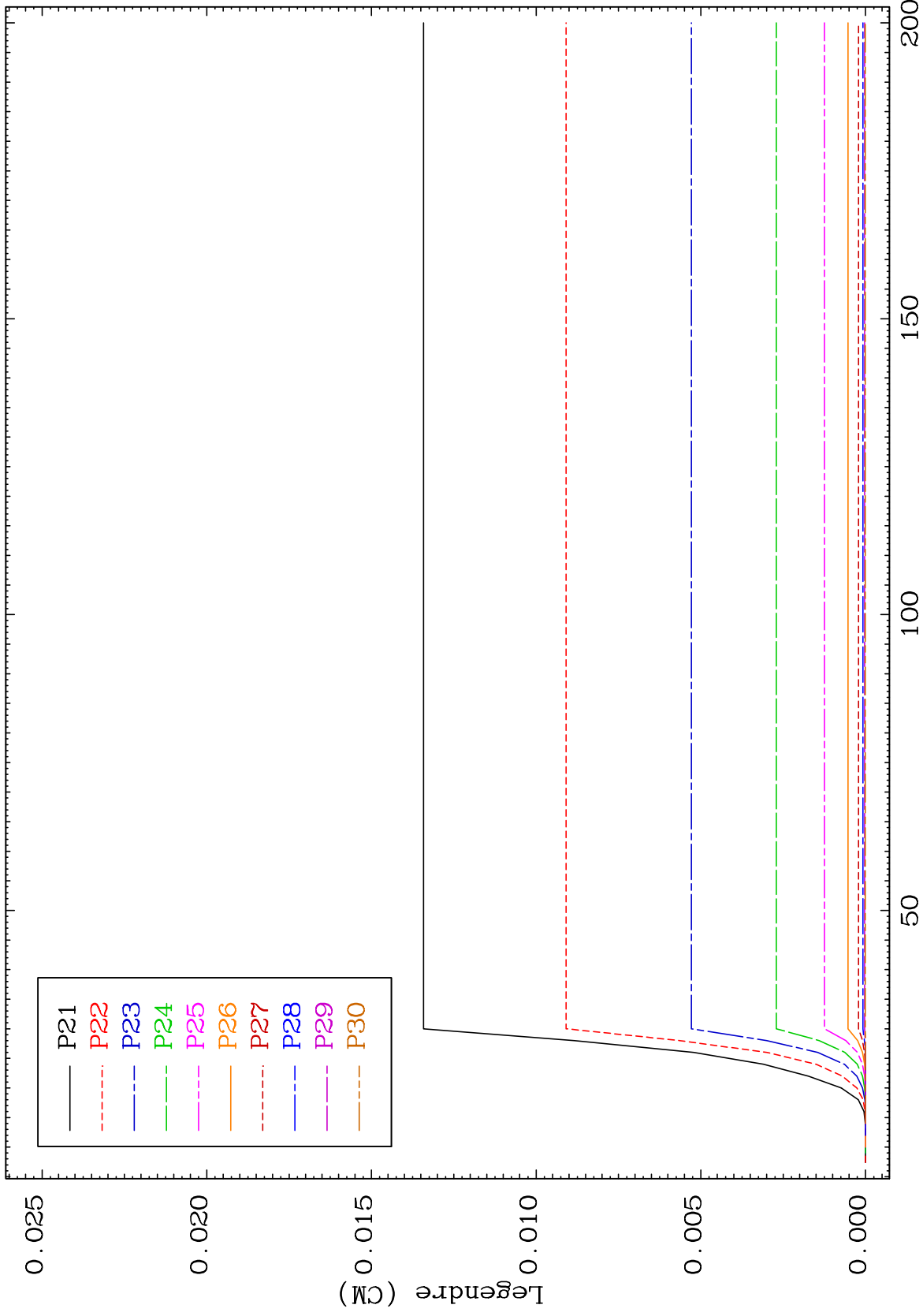


84-Po-207

Incident Energy (MeV)

24

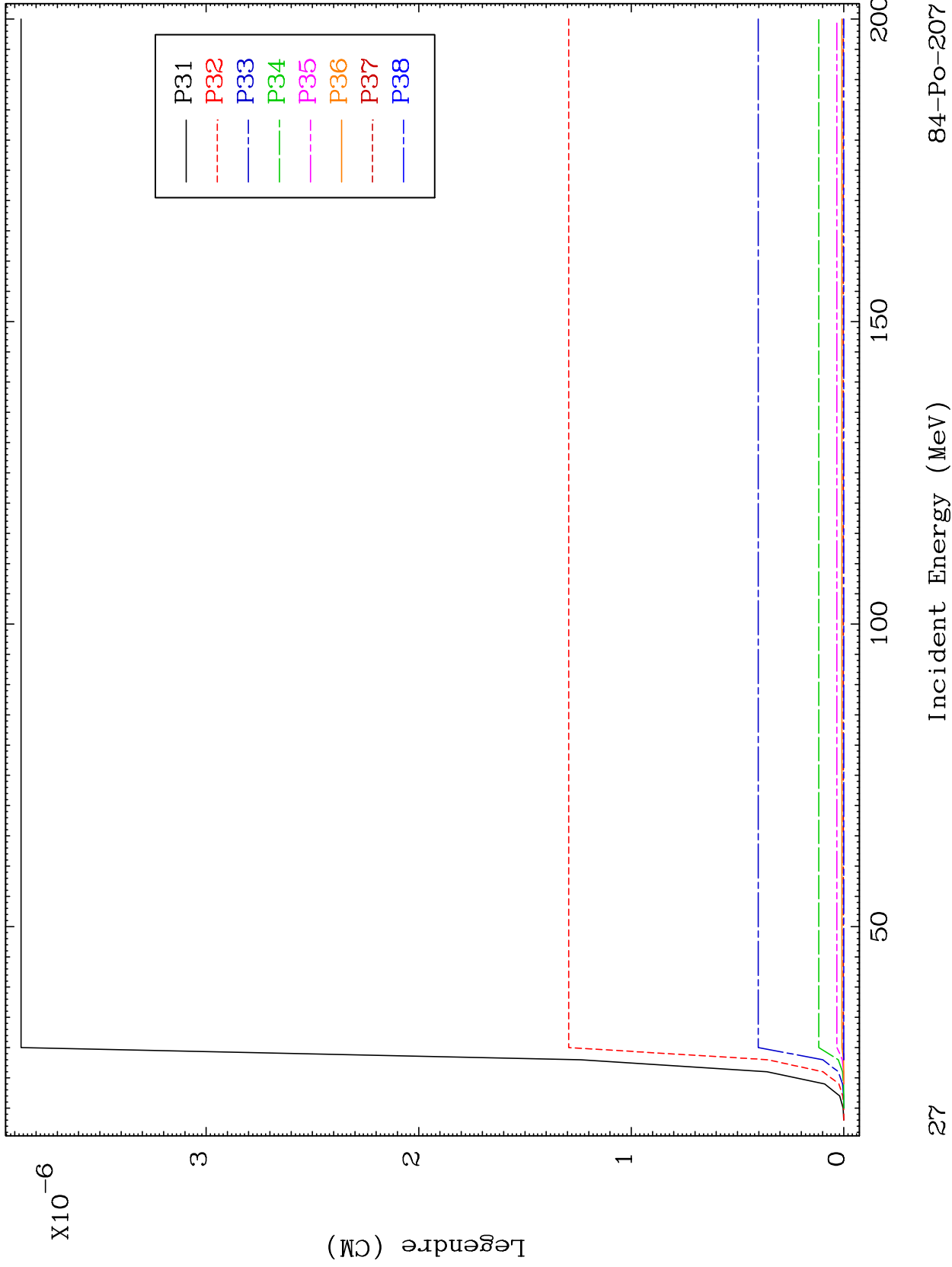




MAT 8428

236.5 keV (n,n') Level
Legendre Coefficients

84-Po-207



27

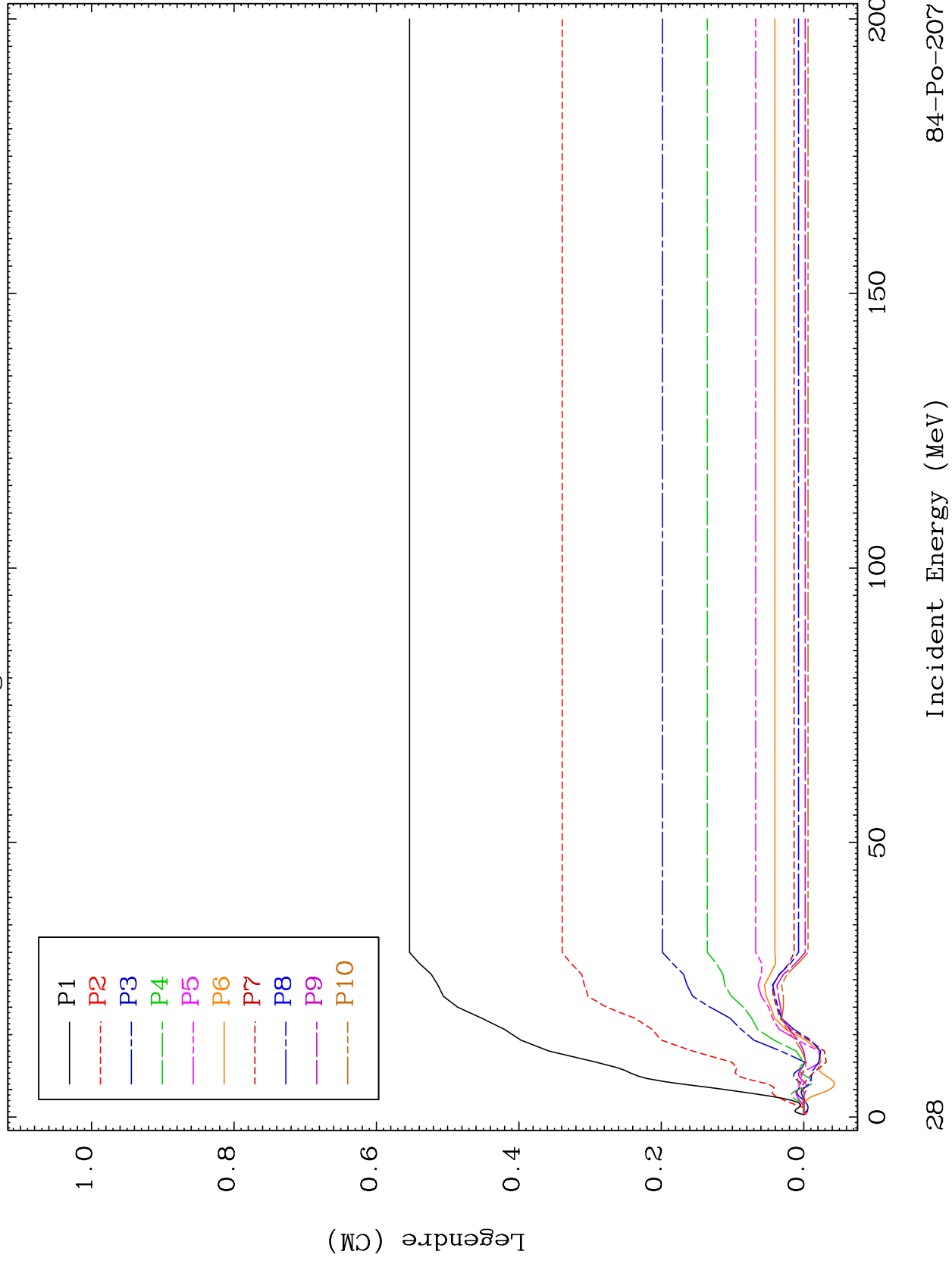
Incident Energy (MeV)

84-Po-207

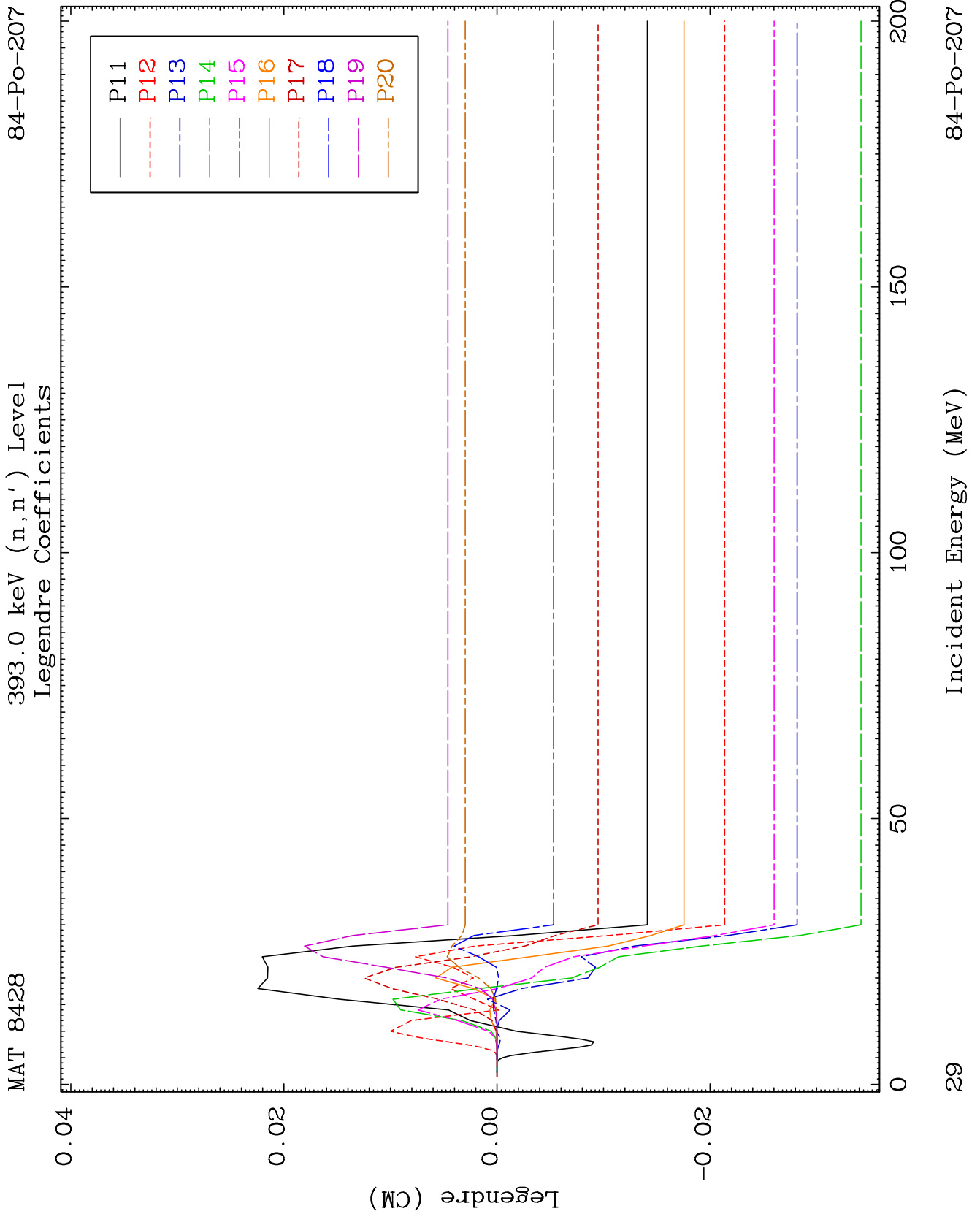
MAT 8428

393.0 keV (n, n') Level
Legendre Coefficients

84-Po-207



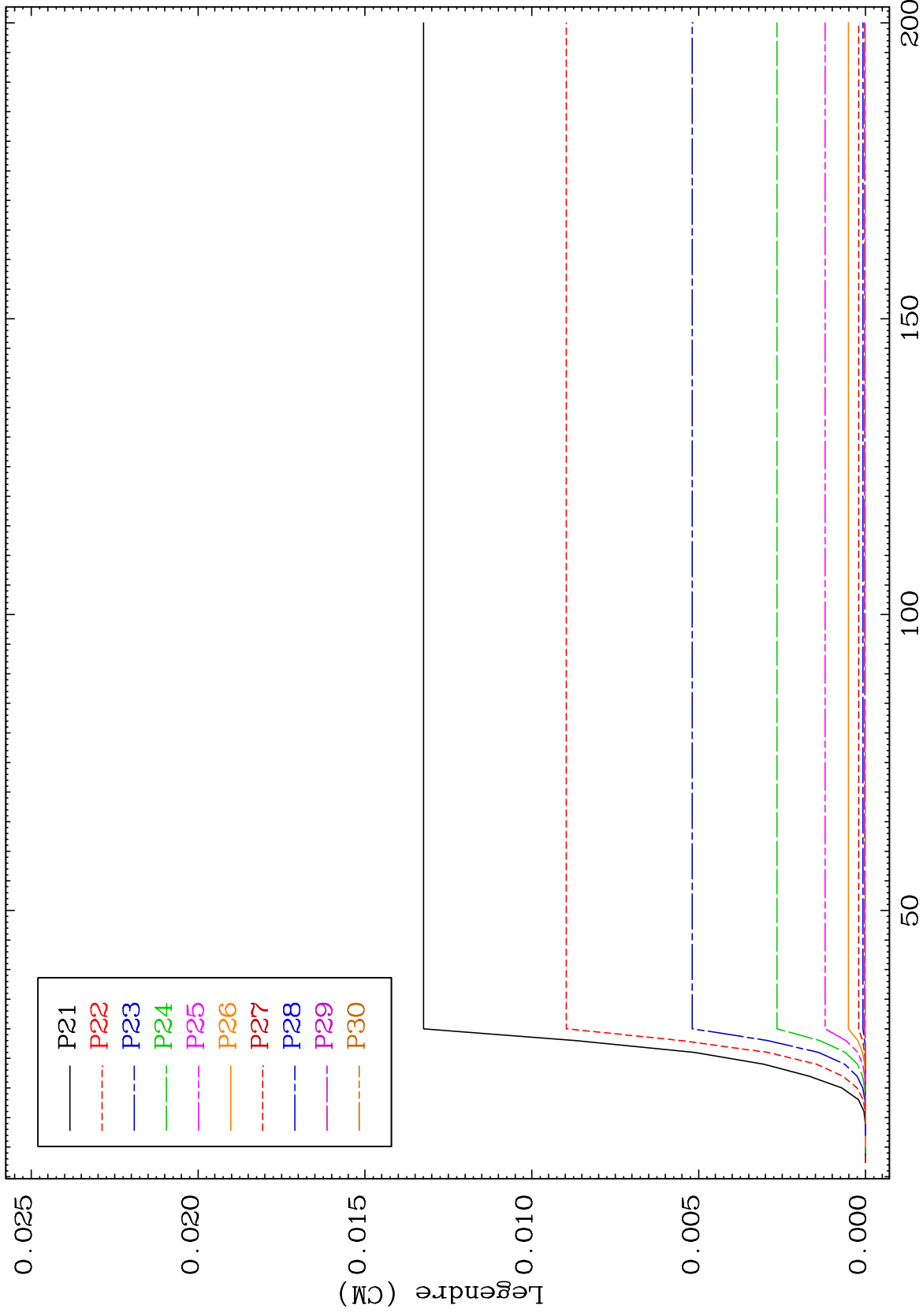
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MAT 8428

393.0 keV (n,n') Level
Legendre Coefficients

84-Po-207



30

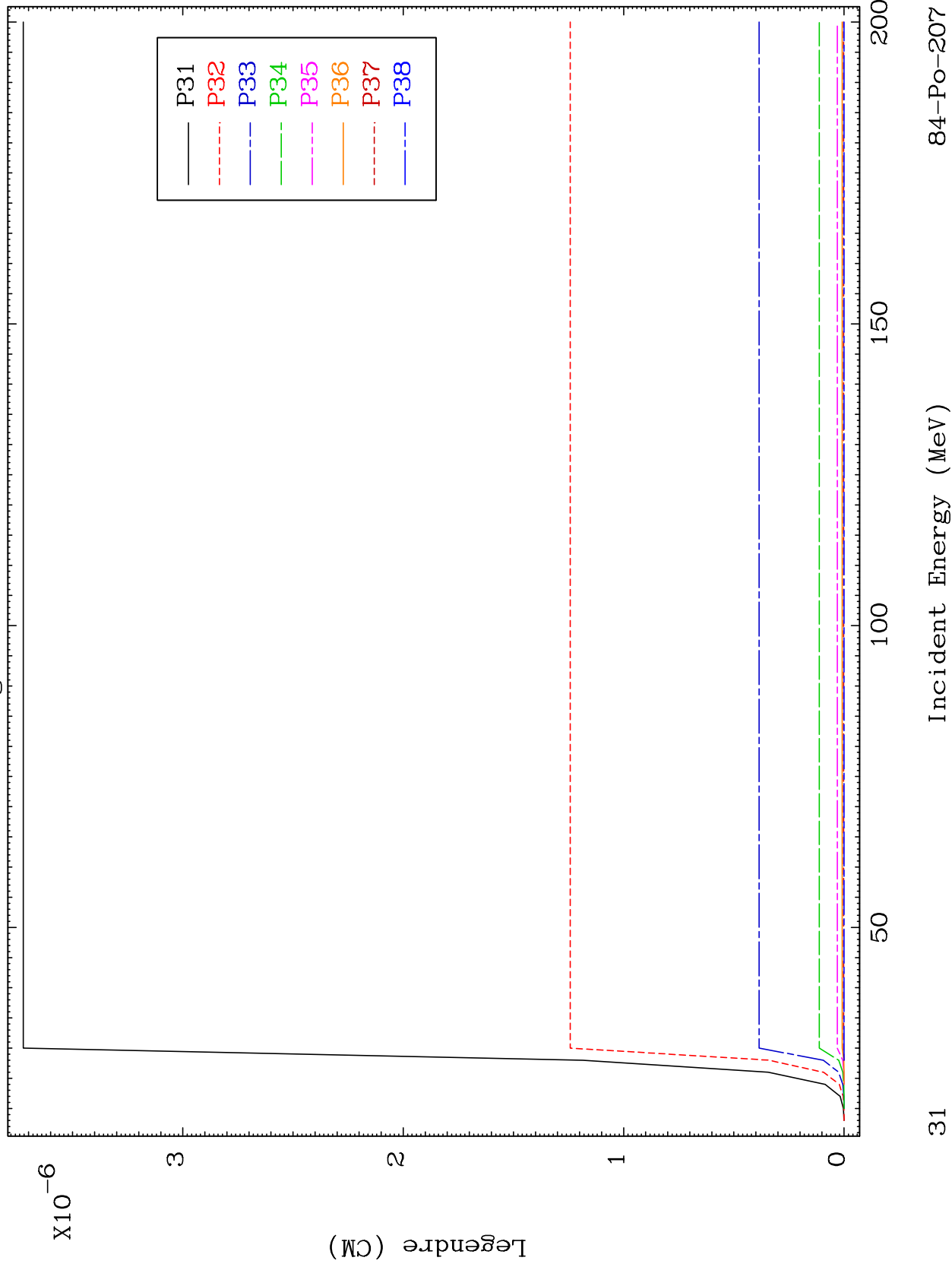
Incident Energy (MeV)

84-Po-207

MAT 8428

393.0 keV (n,n') Level
Legendre Coefficients

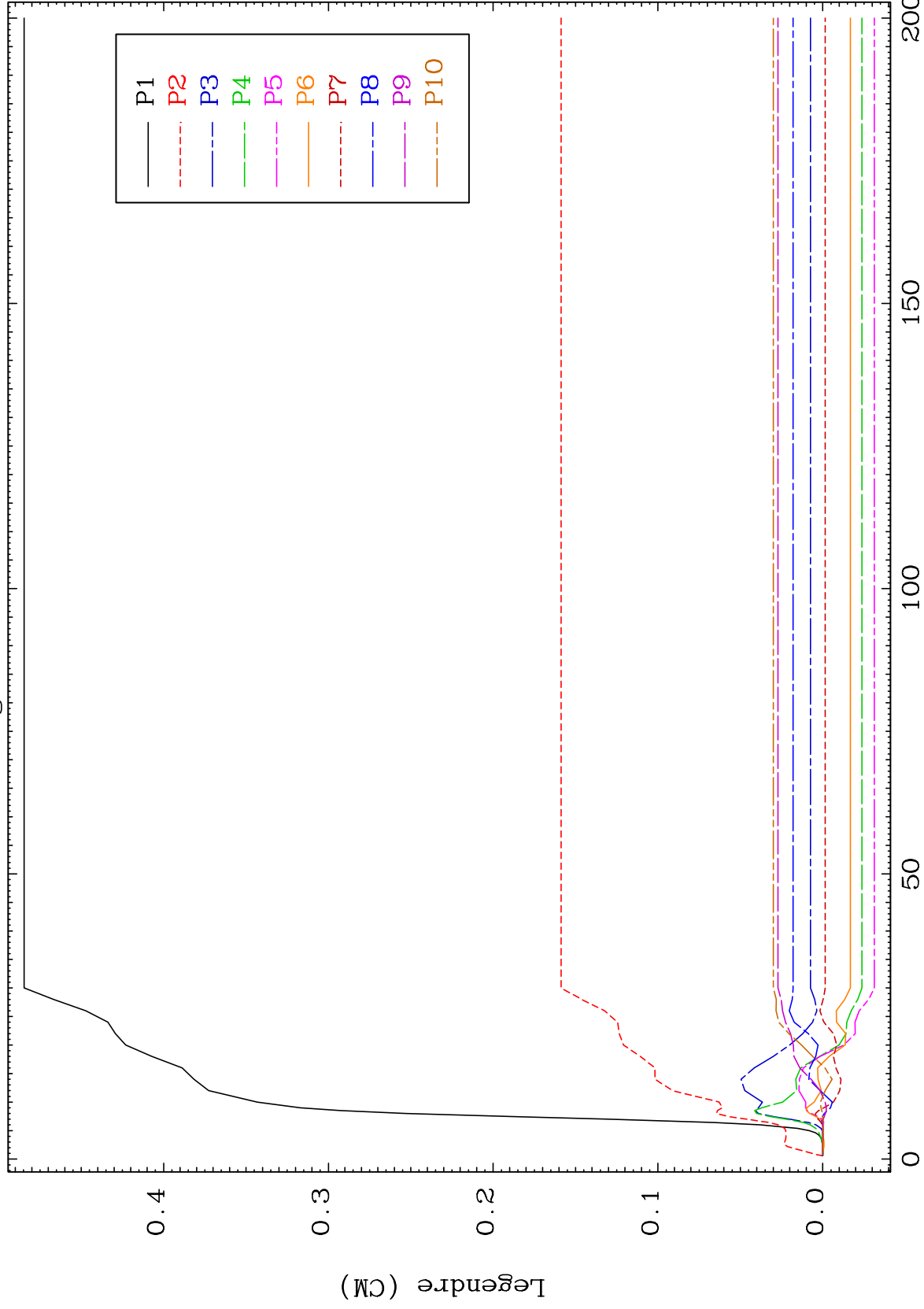
84-Po-207



MAT 8428

588.3 keV (n,n') Level
Legendre Coefficients

84-Po-207



84-Po-207

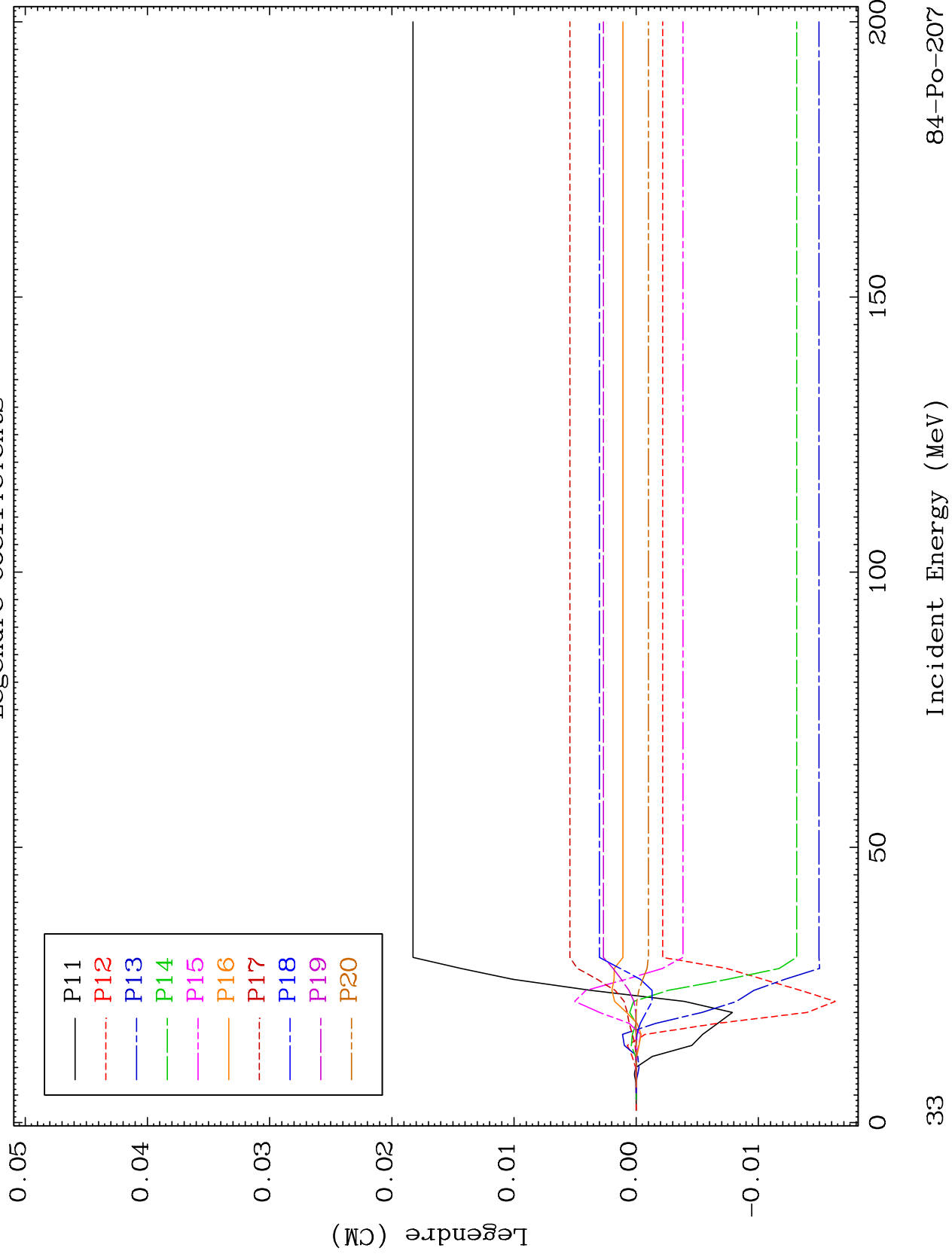
Incident Energy (MeV)

32

MAT 8428

588.3 keV (n,n') Level
Legendre Coefficients

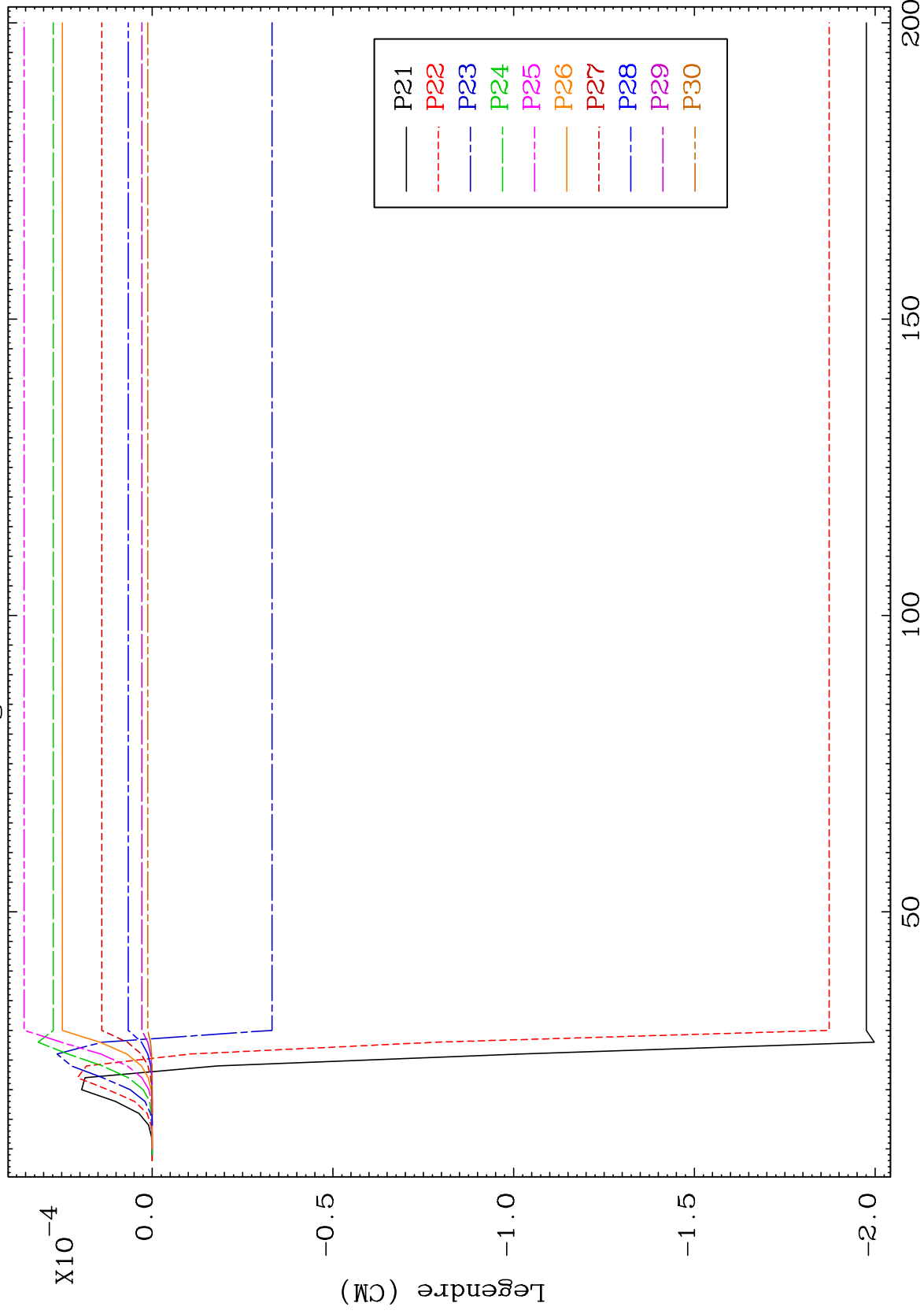
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33

Incident Energy (MeV)

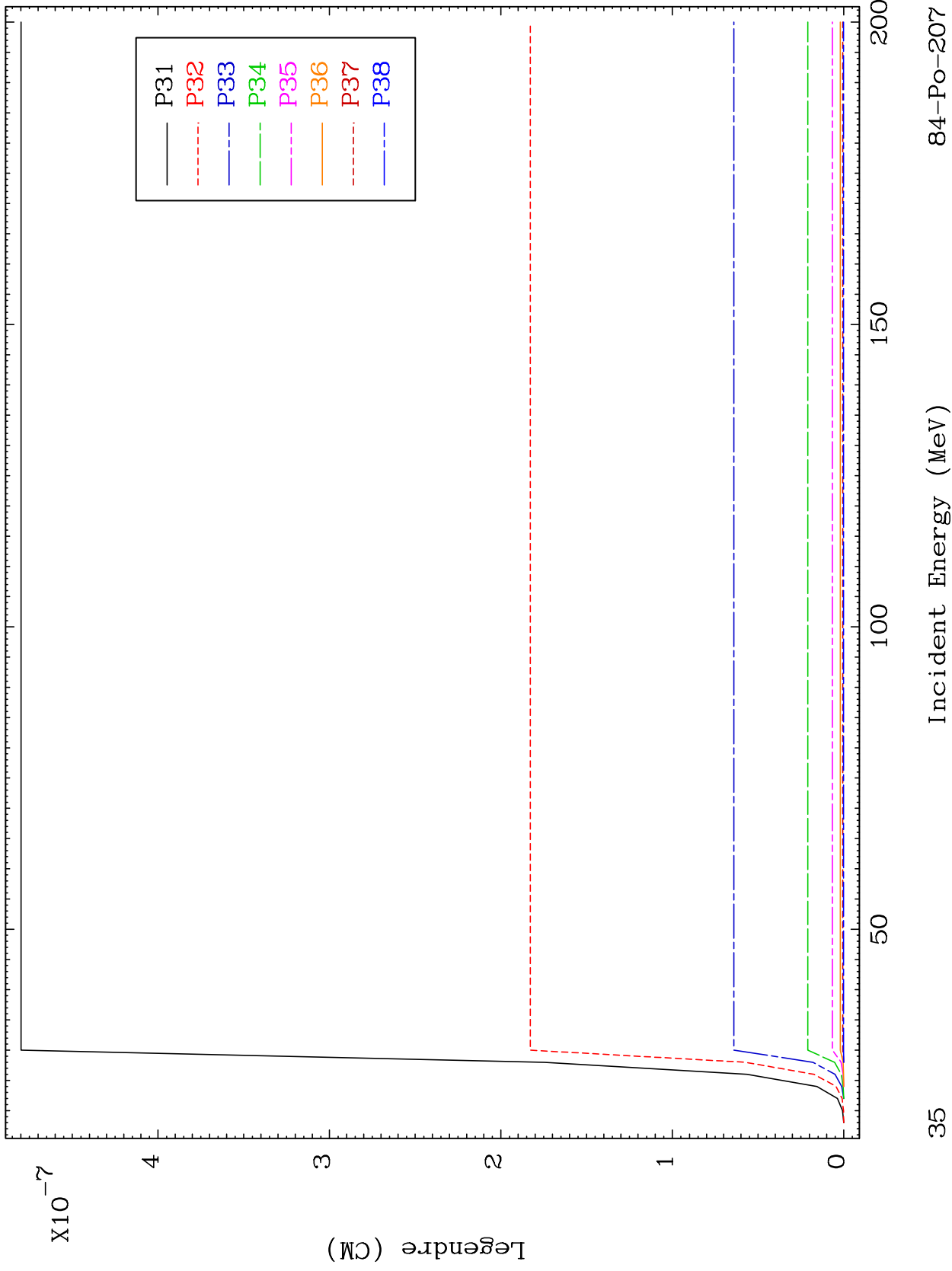
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MAT 8428

588.3 keV (n,n') Level
Legendre Coefficients

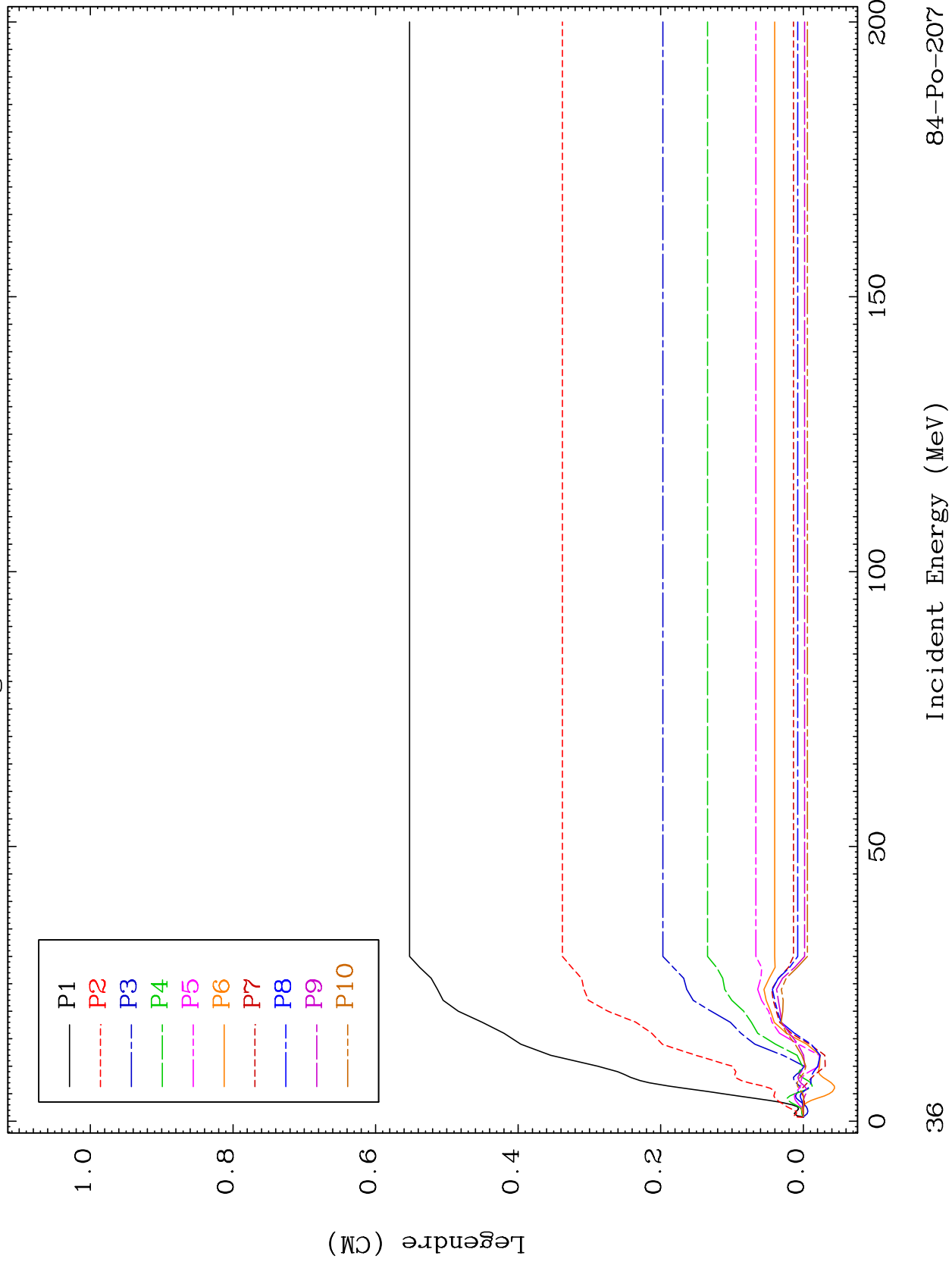
84-Po-207



MAT 8428

685.8 keV (n,n') Level
Legendre Coefficients

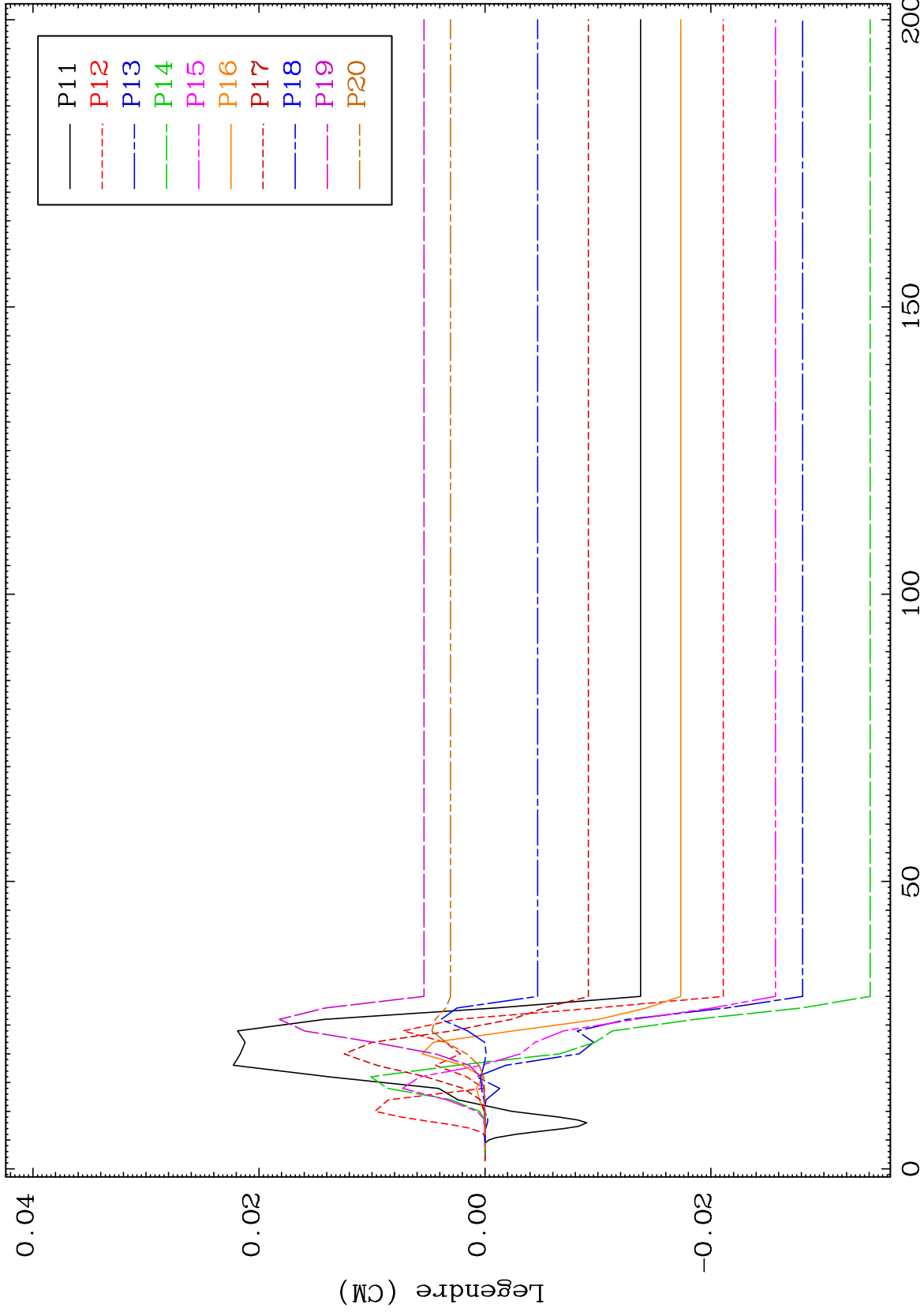
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MAT 8428

685.8 keV (n,n') Level
Legendre Coefficients

84-Po-207



37

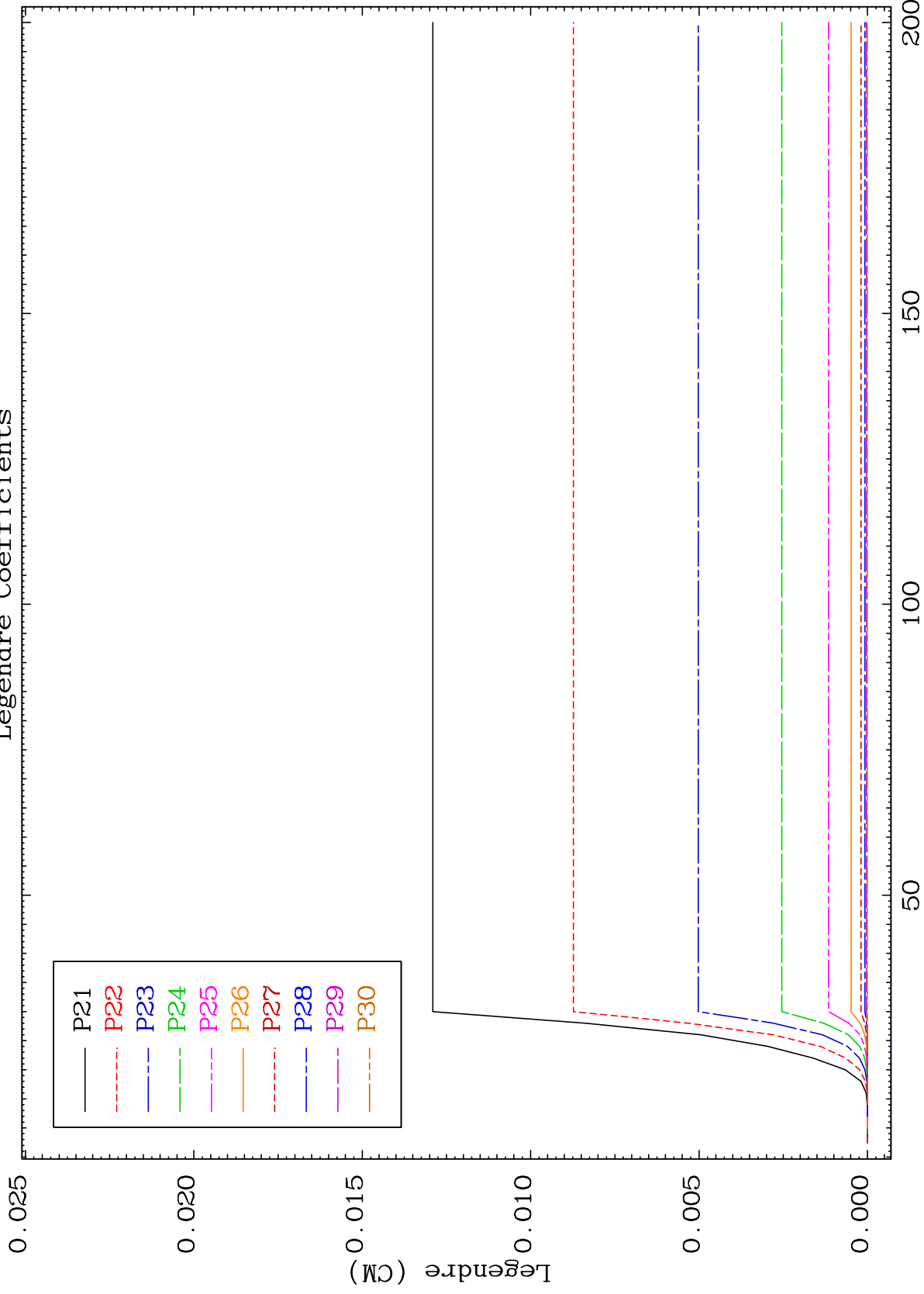
Incident Energy (MeV)

84-Po-207

MAT 8428

685.8 keV (n,n') Level
Legendre Coefficients

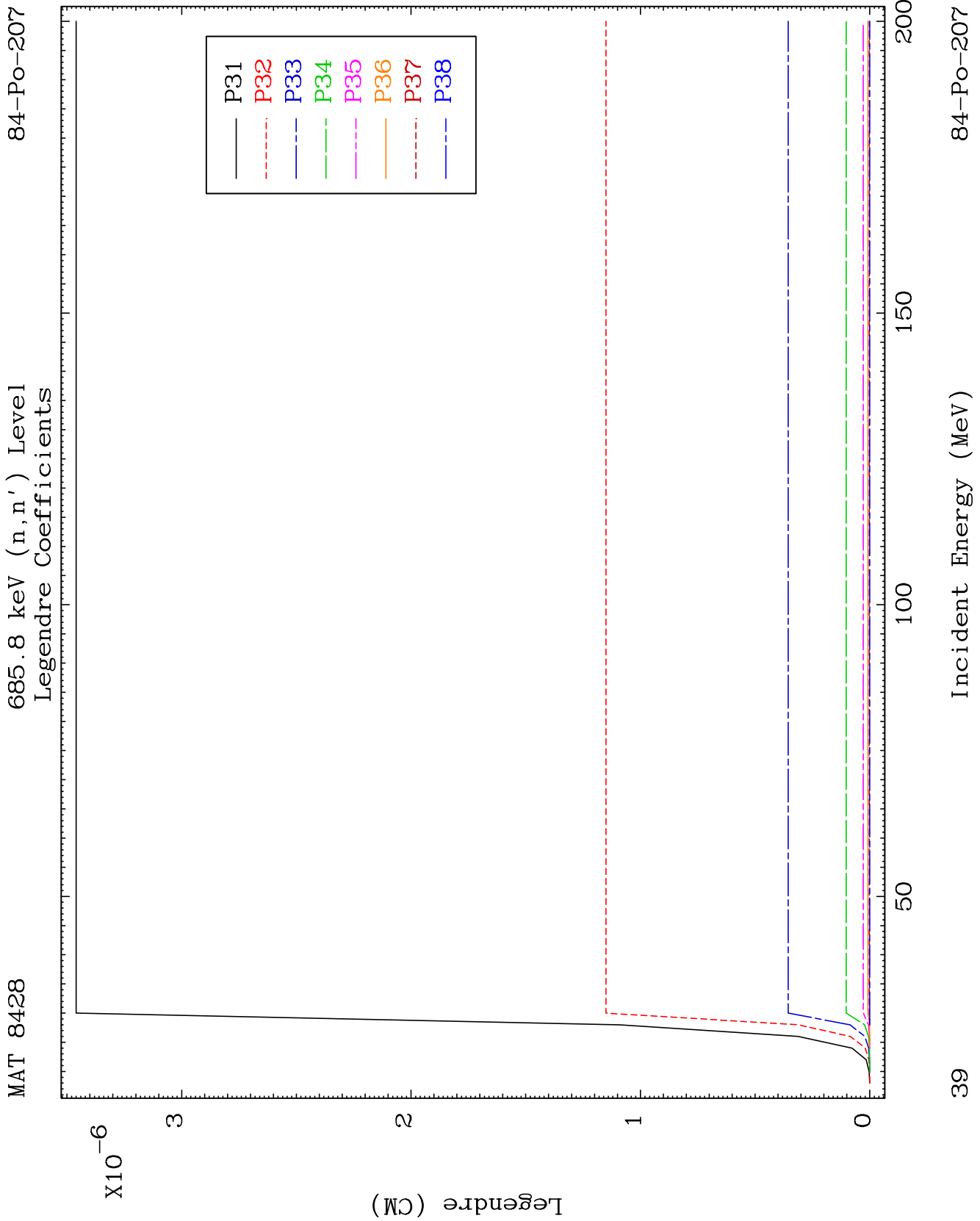
84-Po-207



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Incident Energy (MeV)

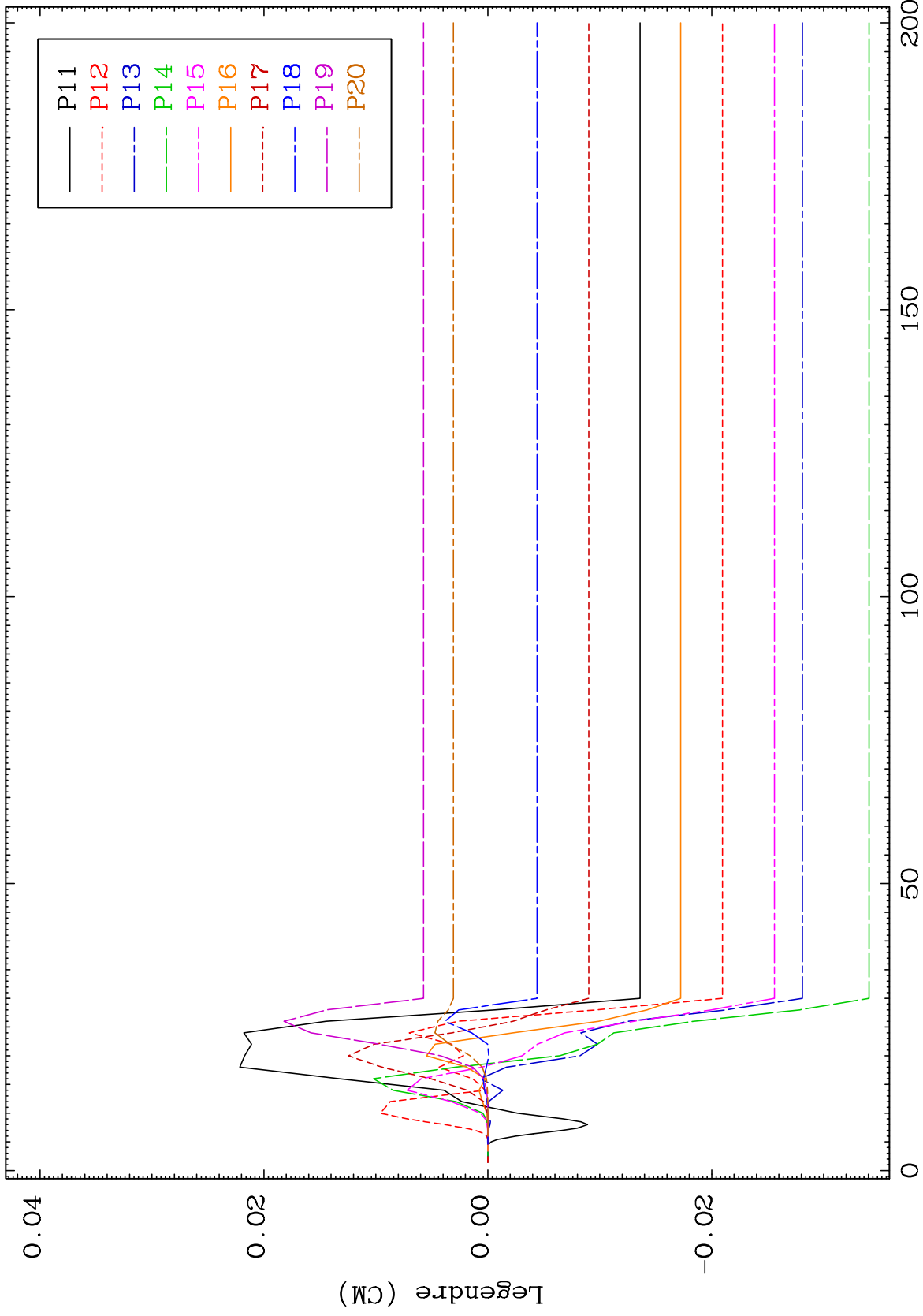
84-Po-207



MAT 8428

814.4 keV (n,n') Level
Legendre Coefficients

84-Po-207



41

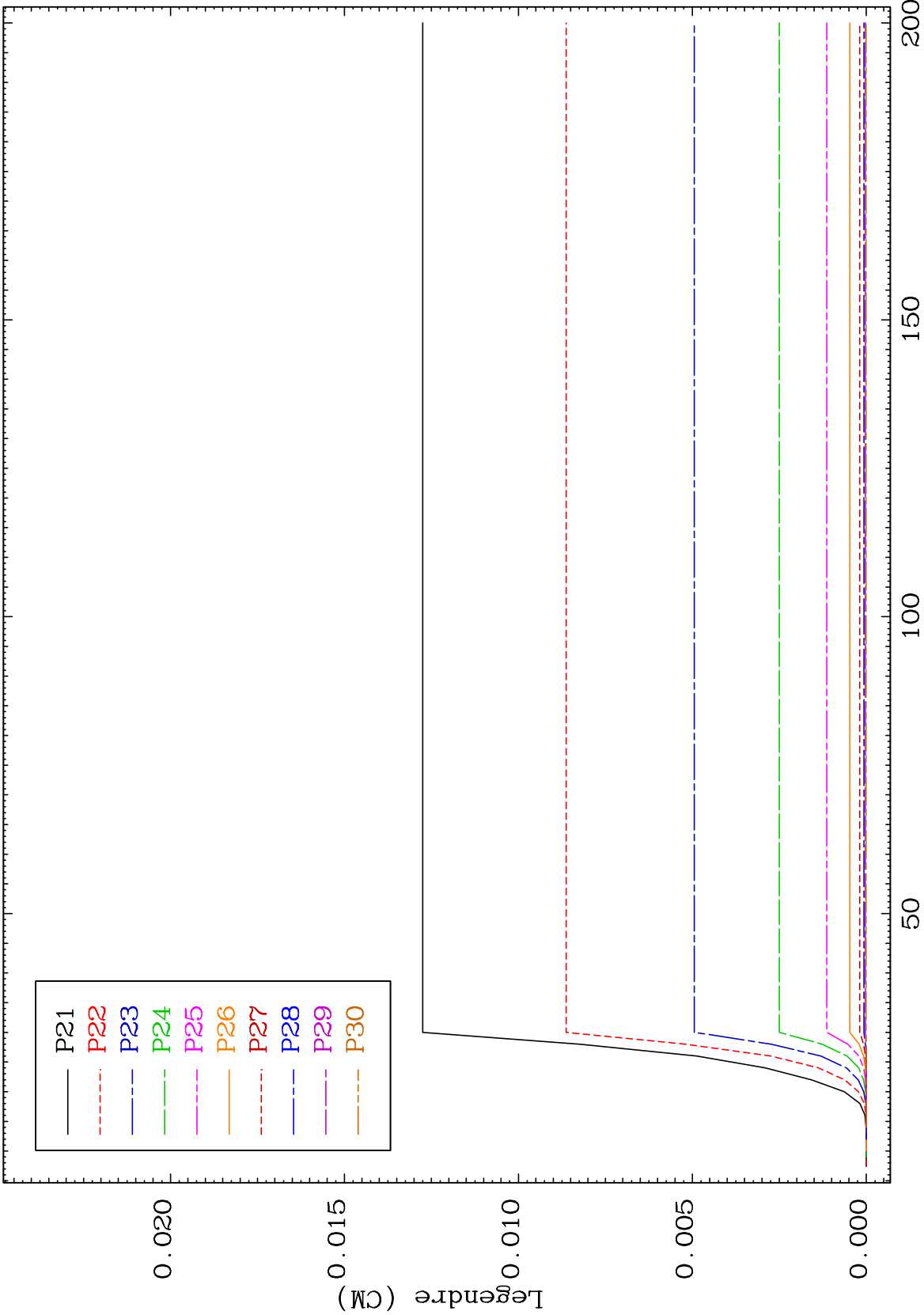
Incident Energy (MeV)

84-Po-207

MAT 8428

814.4 keV (n,n') Level
Legendre Coefficients

84-Po-207



42

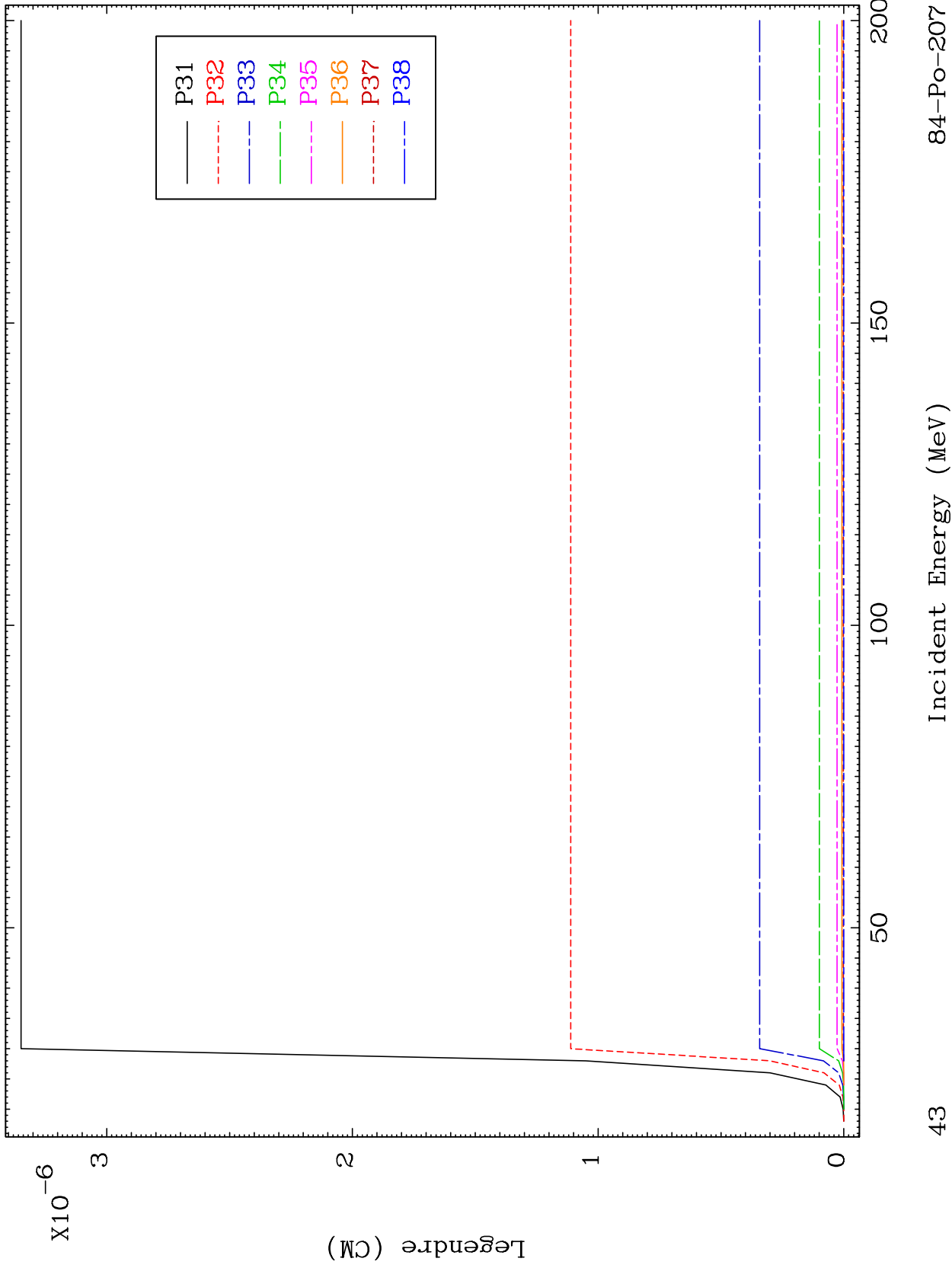
Incident Energy (MeV)

84-Po-207

MAT 8428

814.4 keV (n,n') Level
Legendre Coefficients

84-Po-207



43

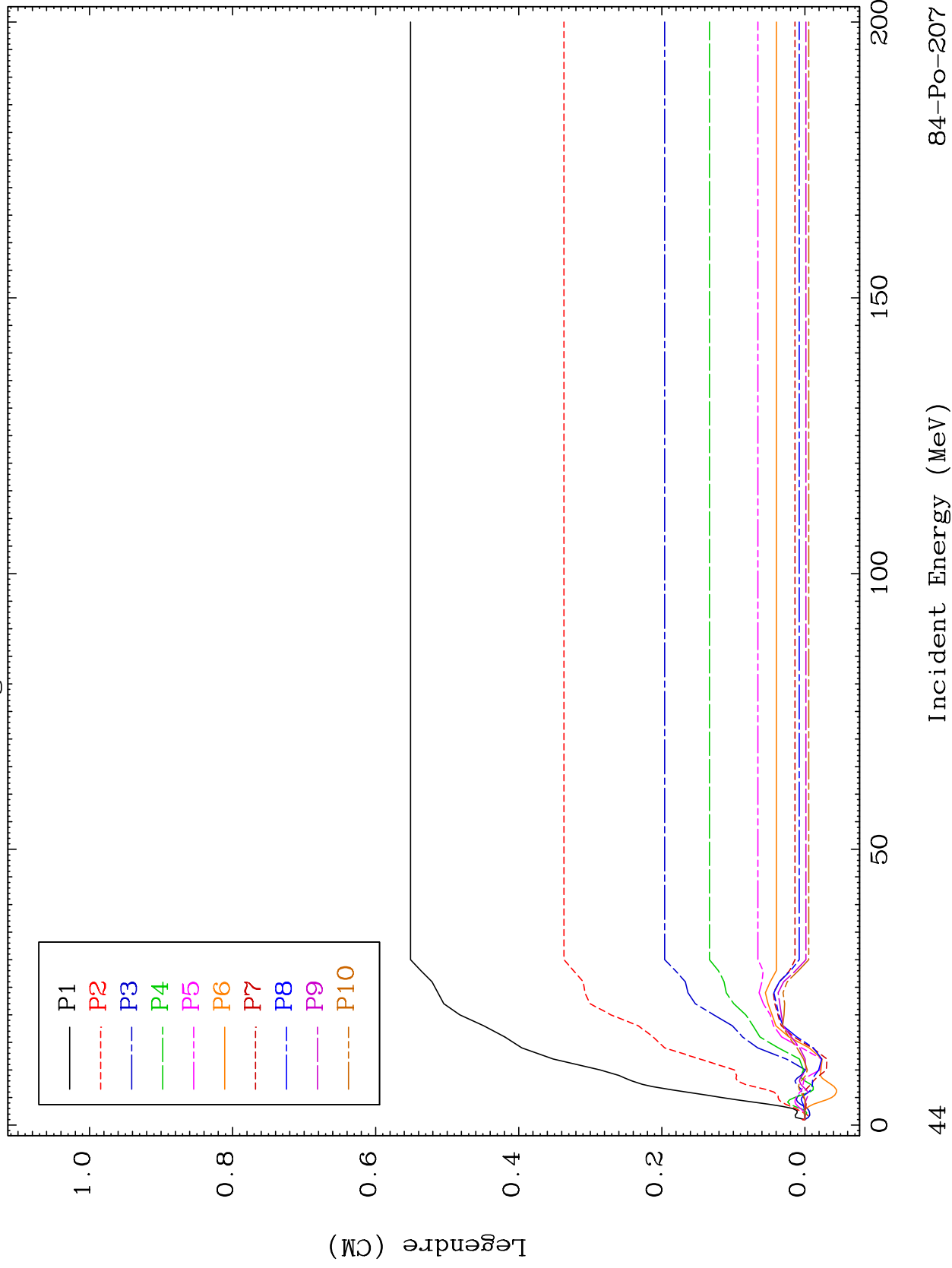
Incident Energy (MeV)

84-Po-207

MAT 8428

907.0 keV (n,n') Level
Legendre Coefficients

84-Po-207



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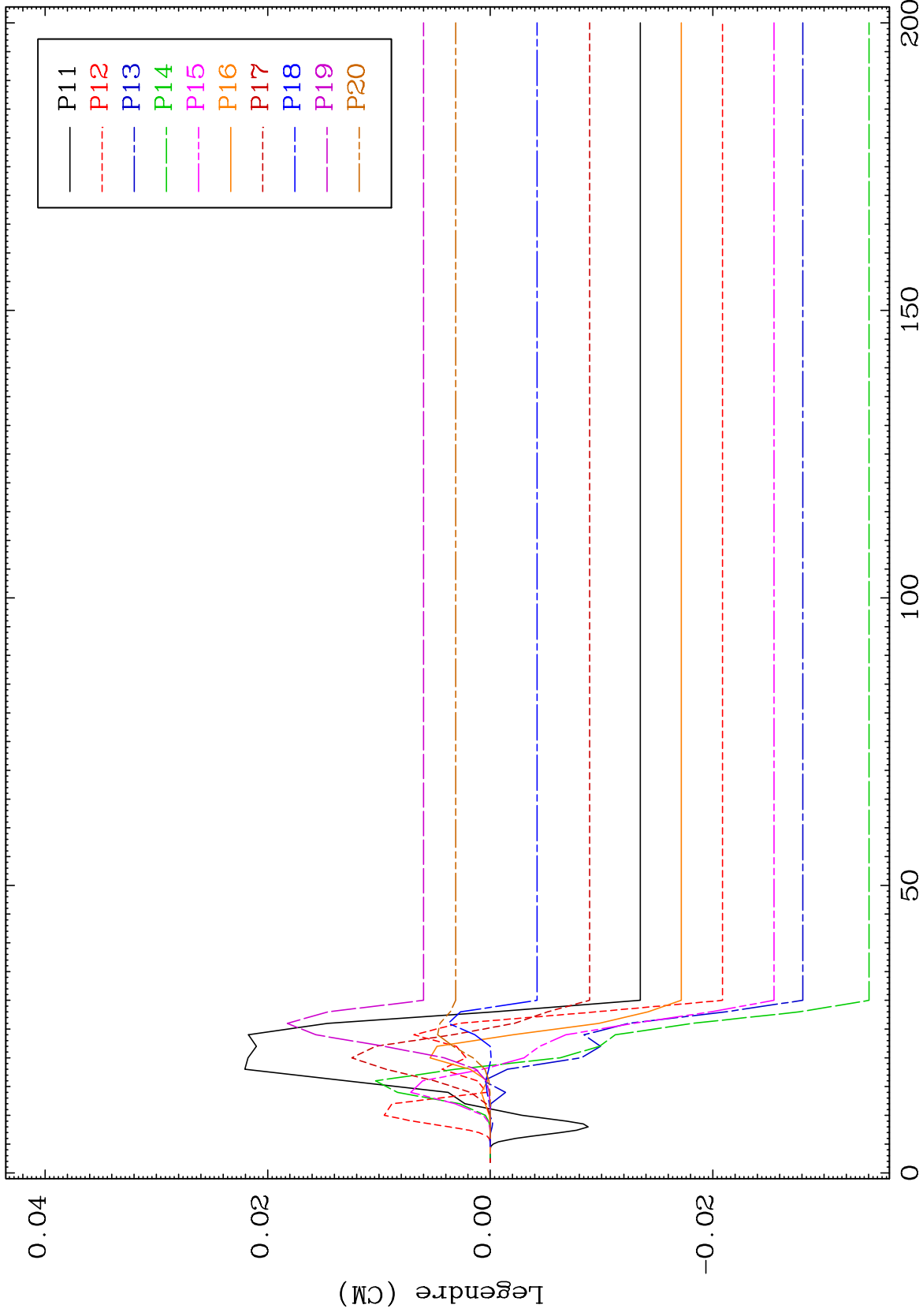
Incident Energy (MeV)

84-Po-207

MAT 8428

907.0 keV (n,n') Level
Legendre Coefficients

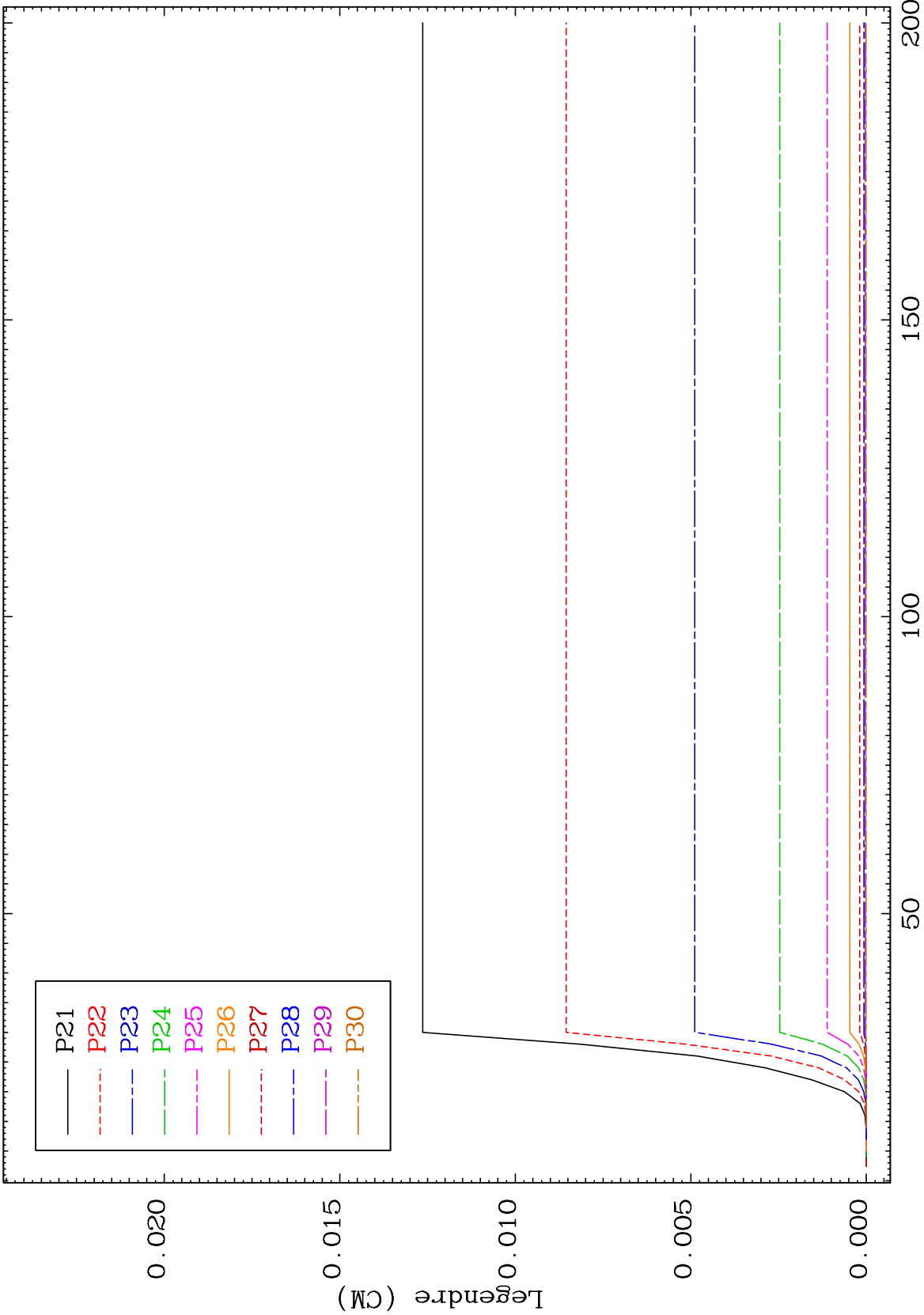
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45

Incident Energy (MeV)

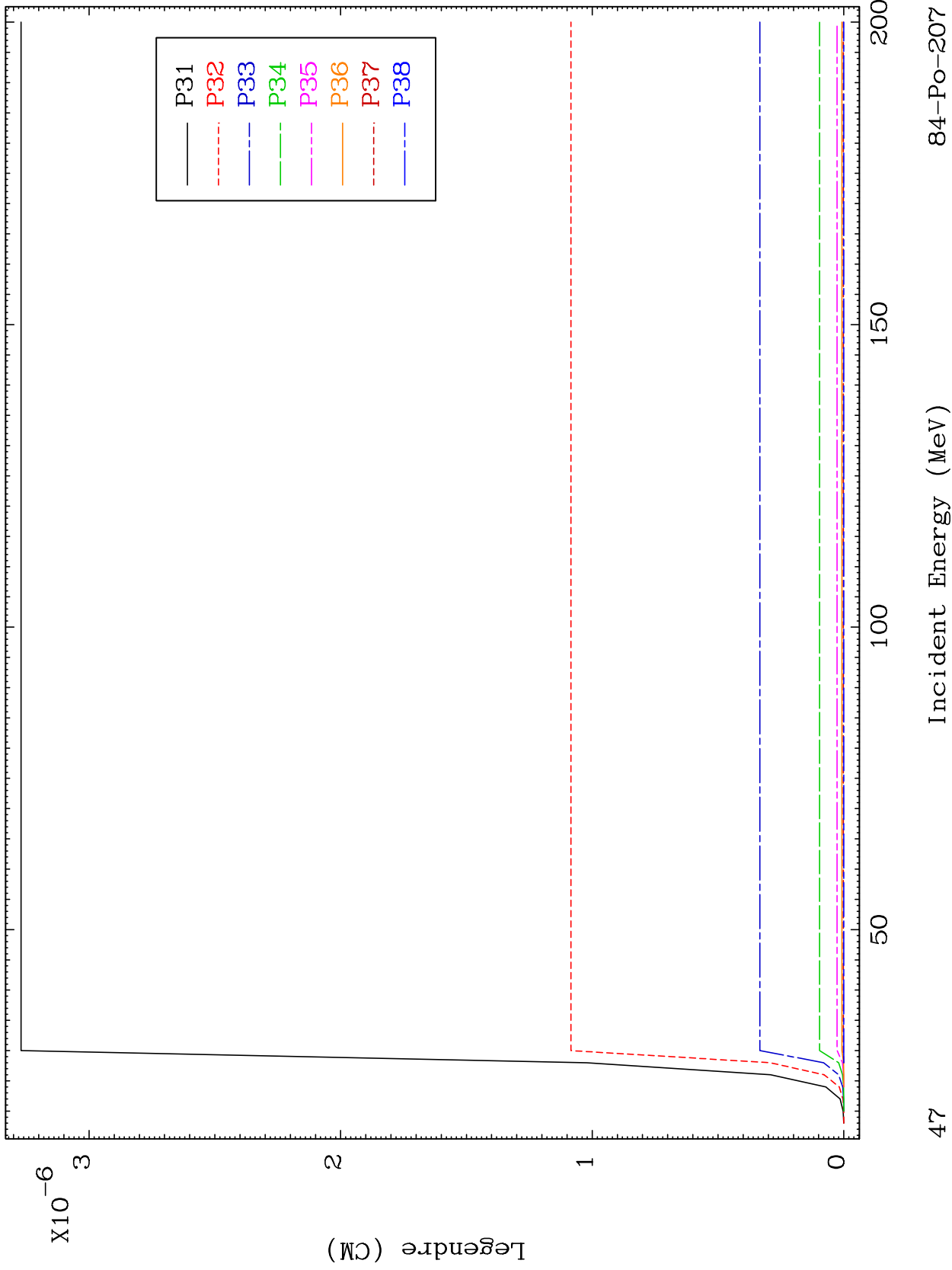
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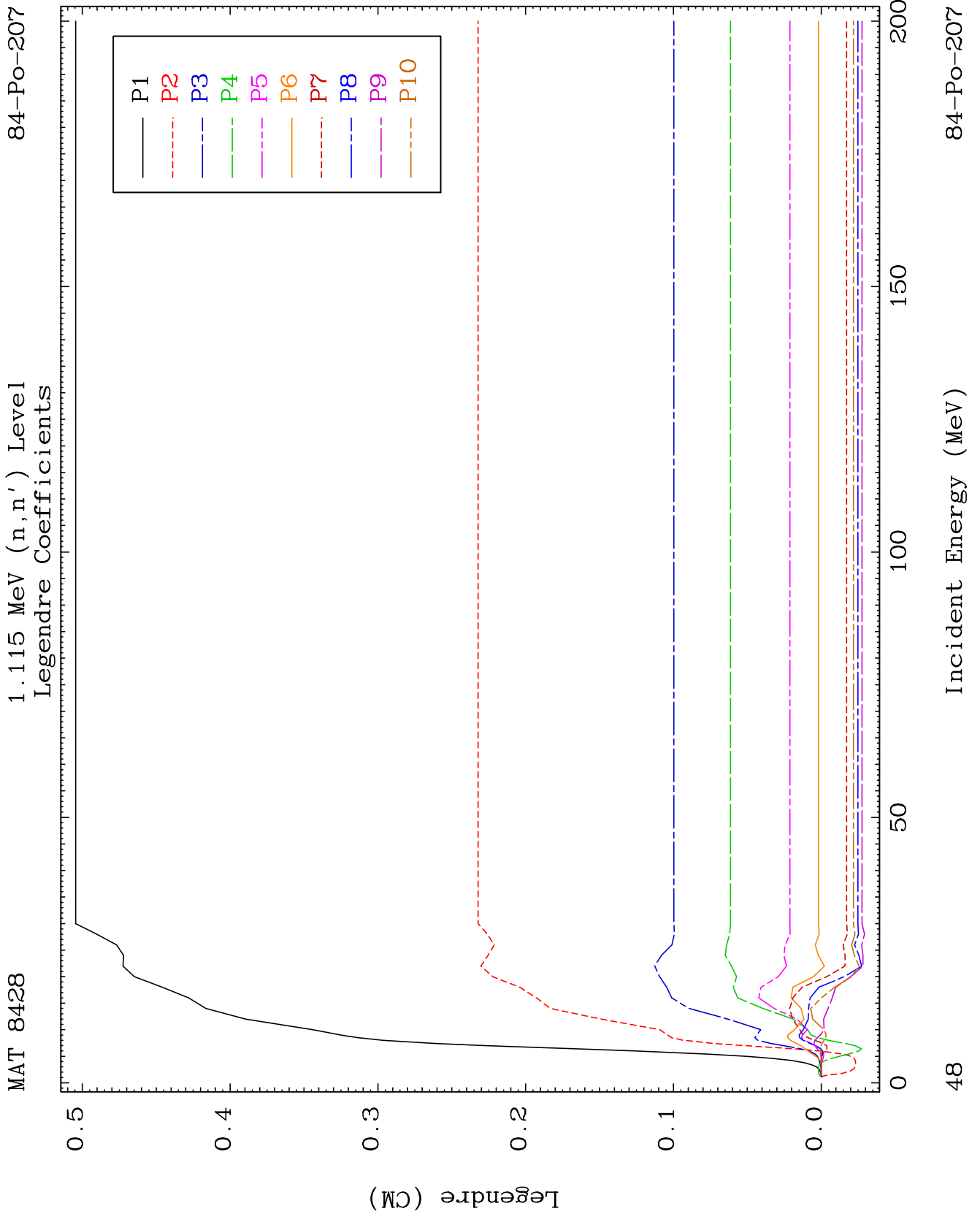


MAT 8428

907.0 keV (n,n') Level
Legendre Coefficients

84-Po-207

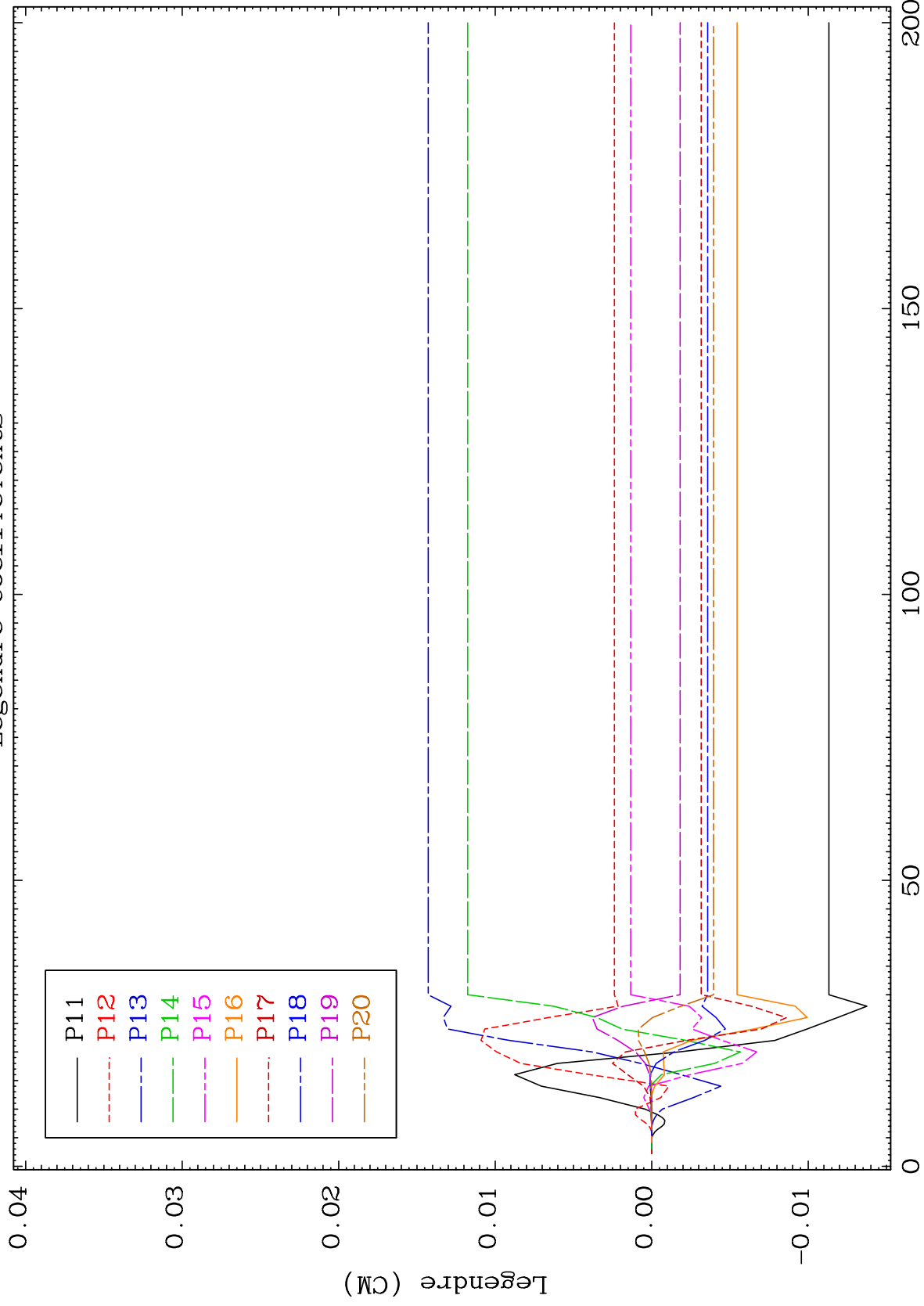




MAT 8428

1.115 MeV (n, n') Level
Legendre Coefficients

84-Po-207



49

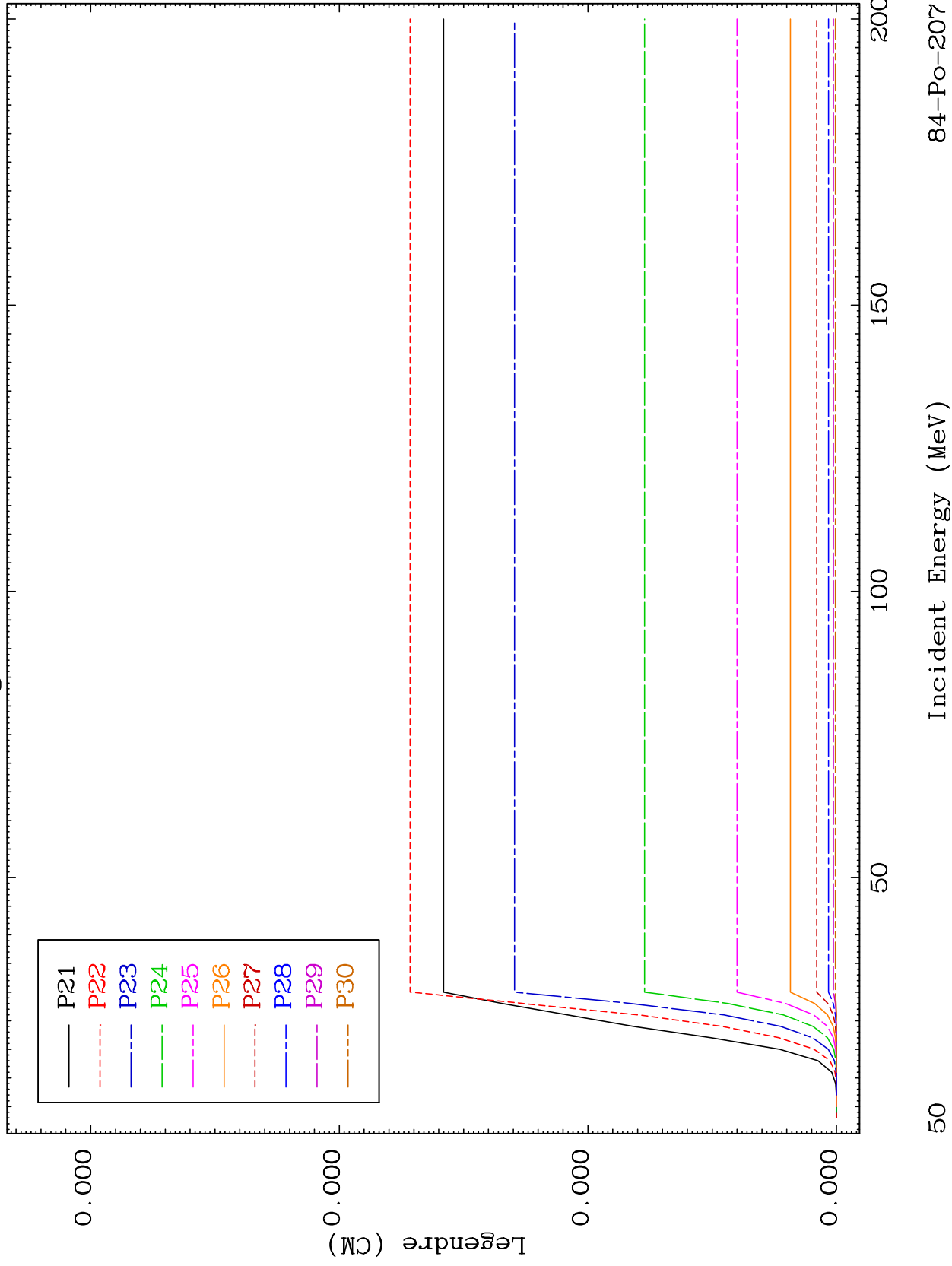
Incident Energy (MeV)

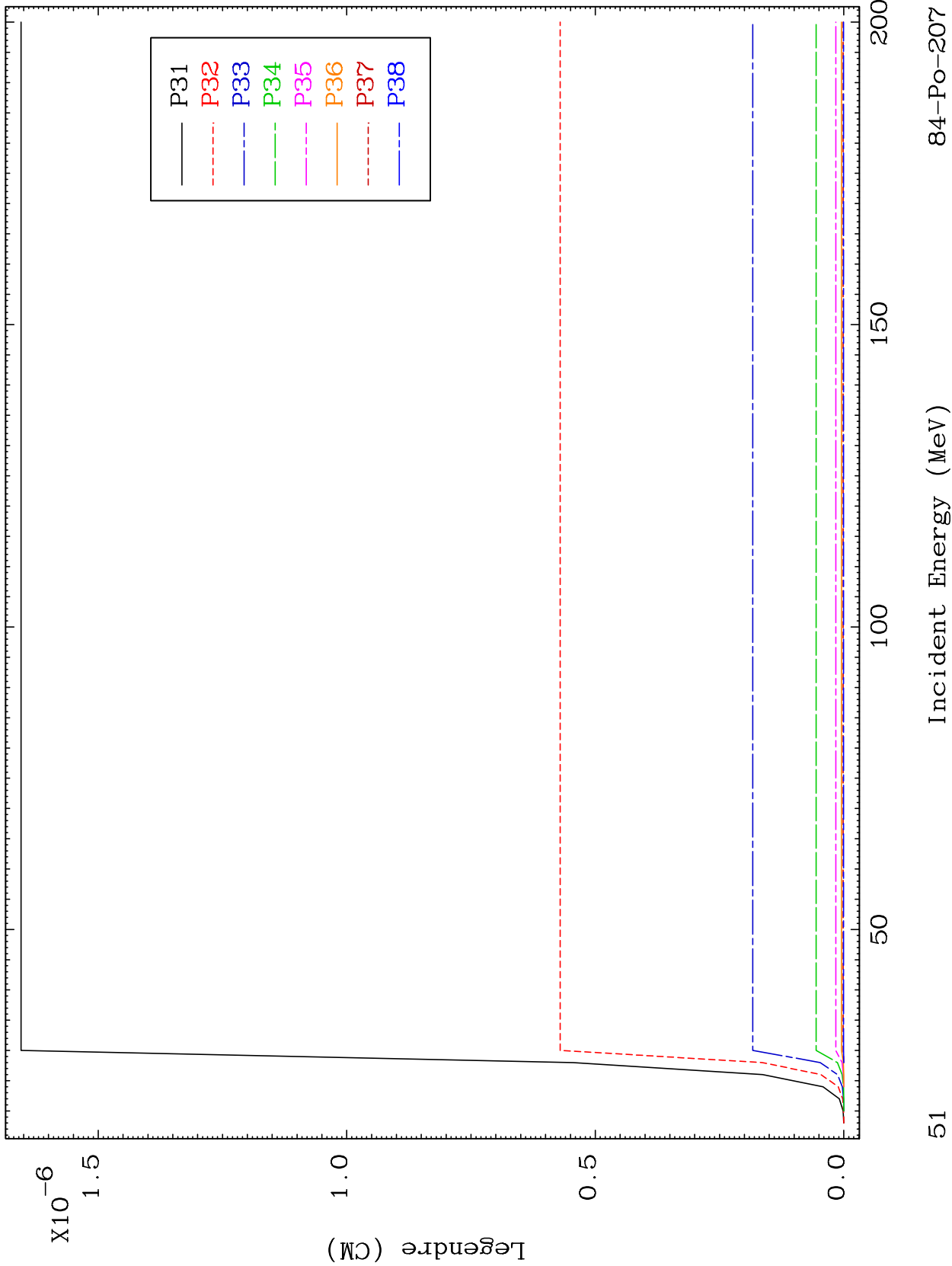
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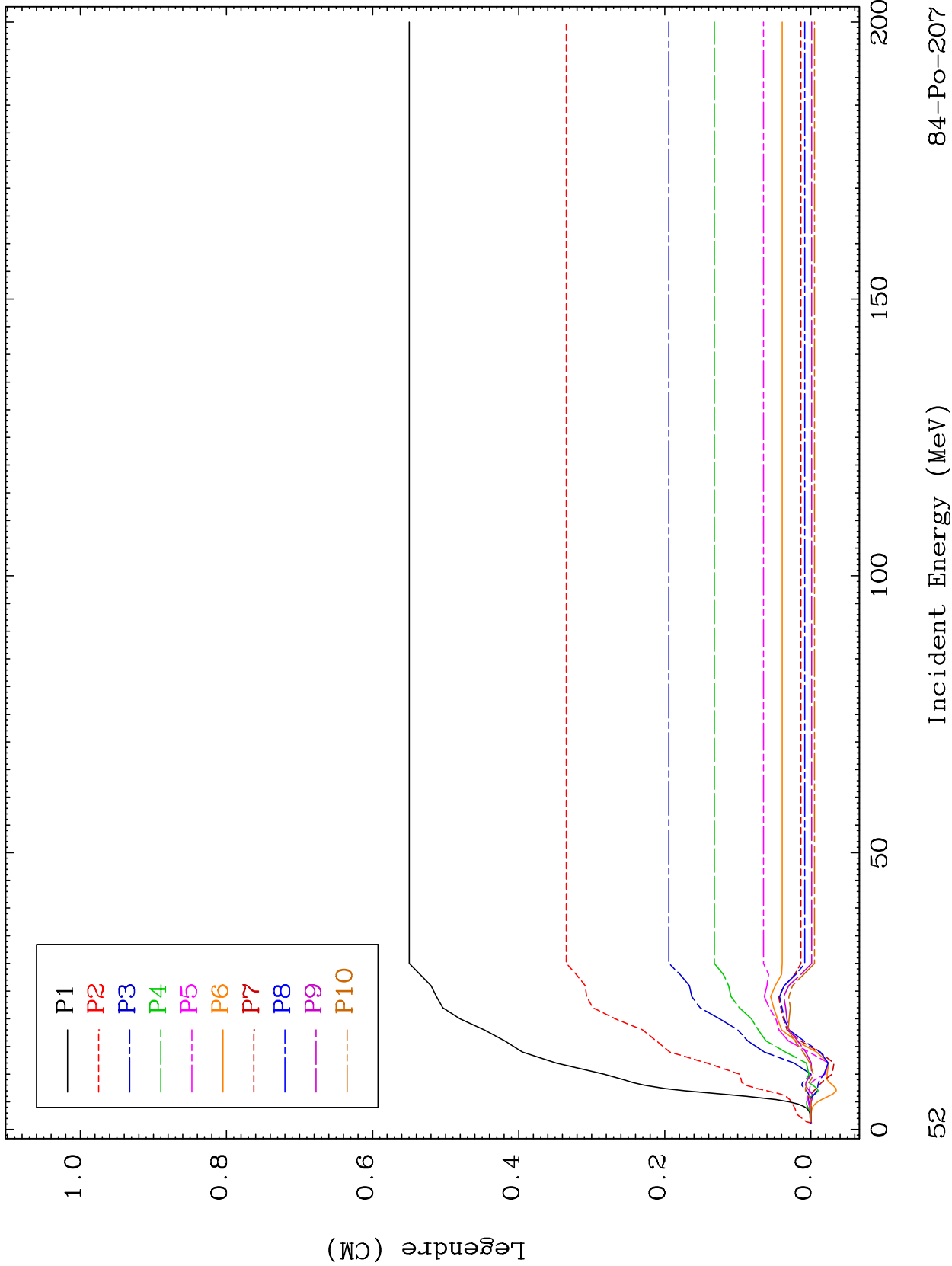
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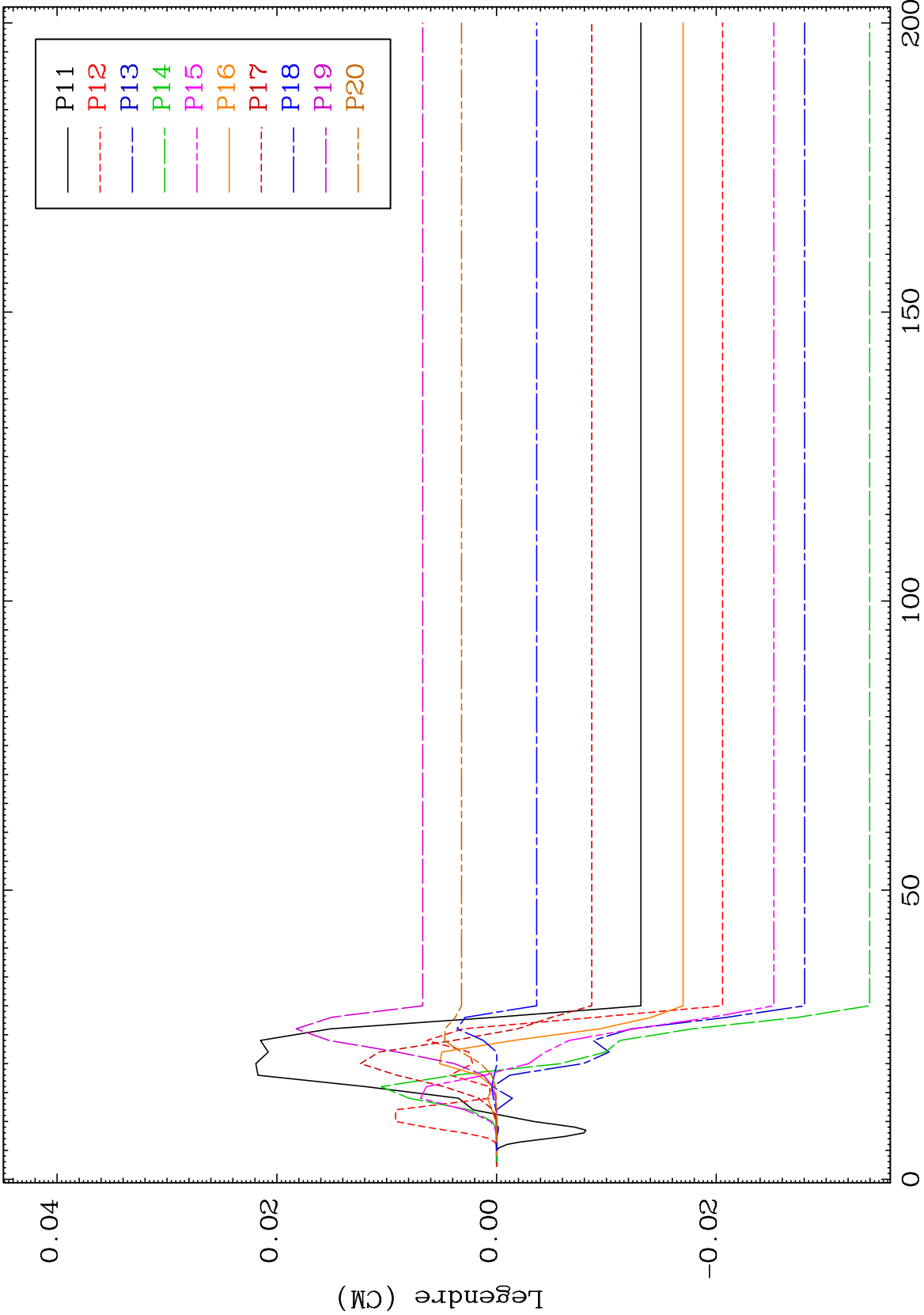
1.115 MeV (n,n') Level
Legendre Coefficients

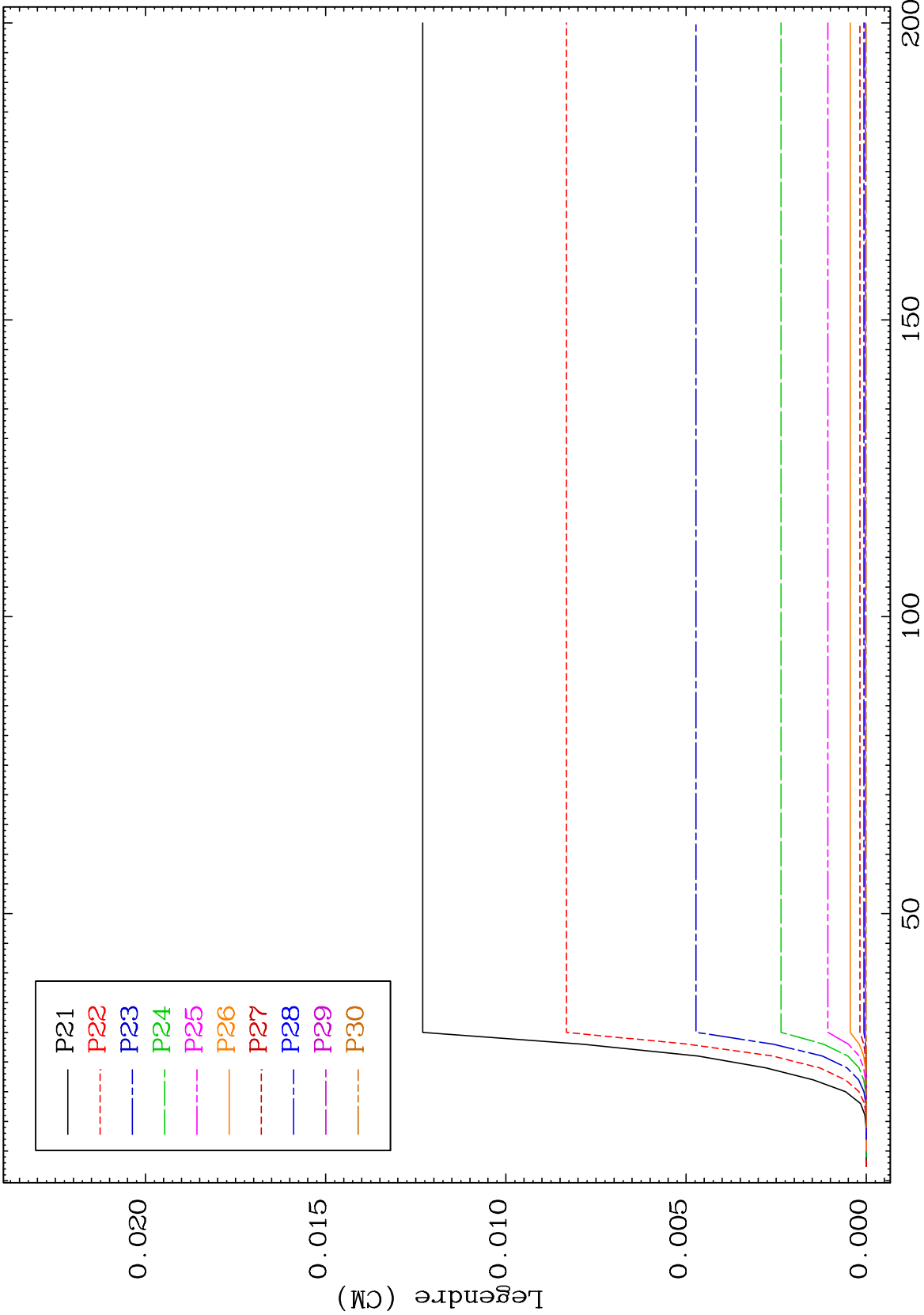
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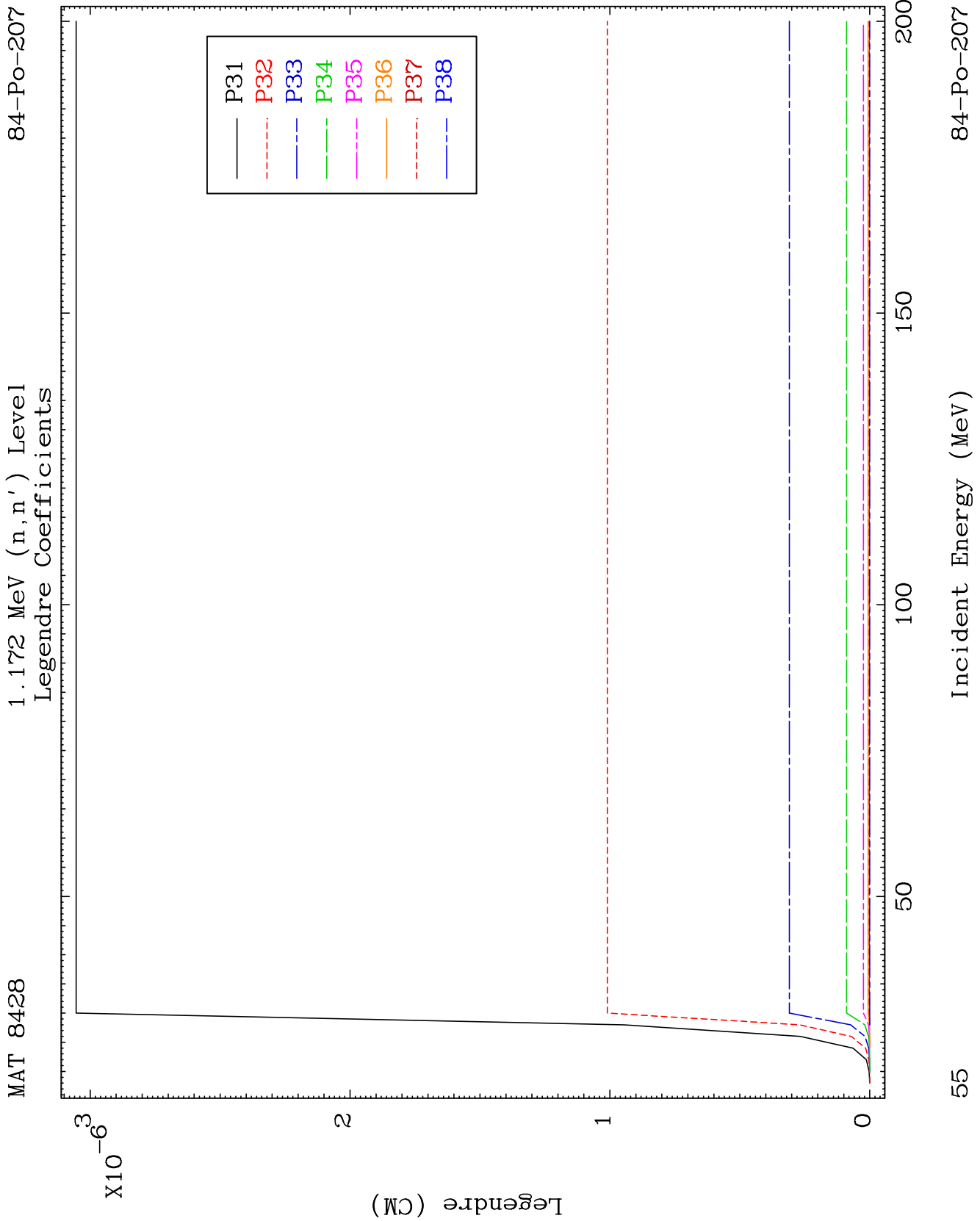








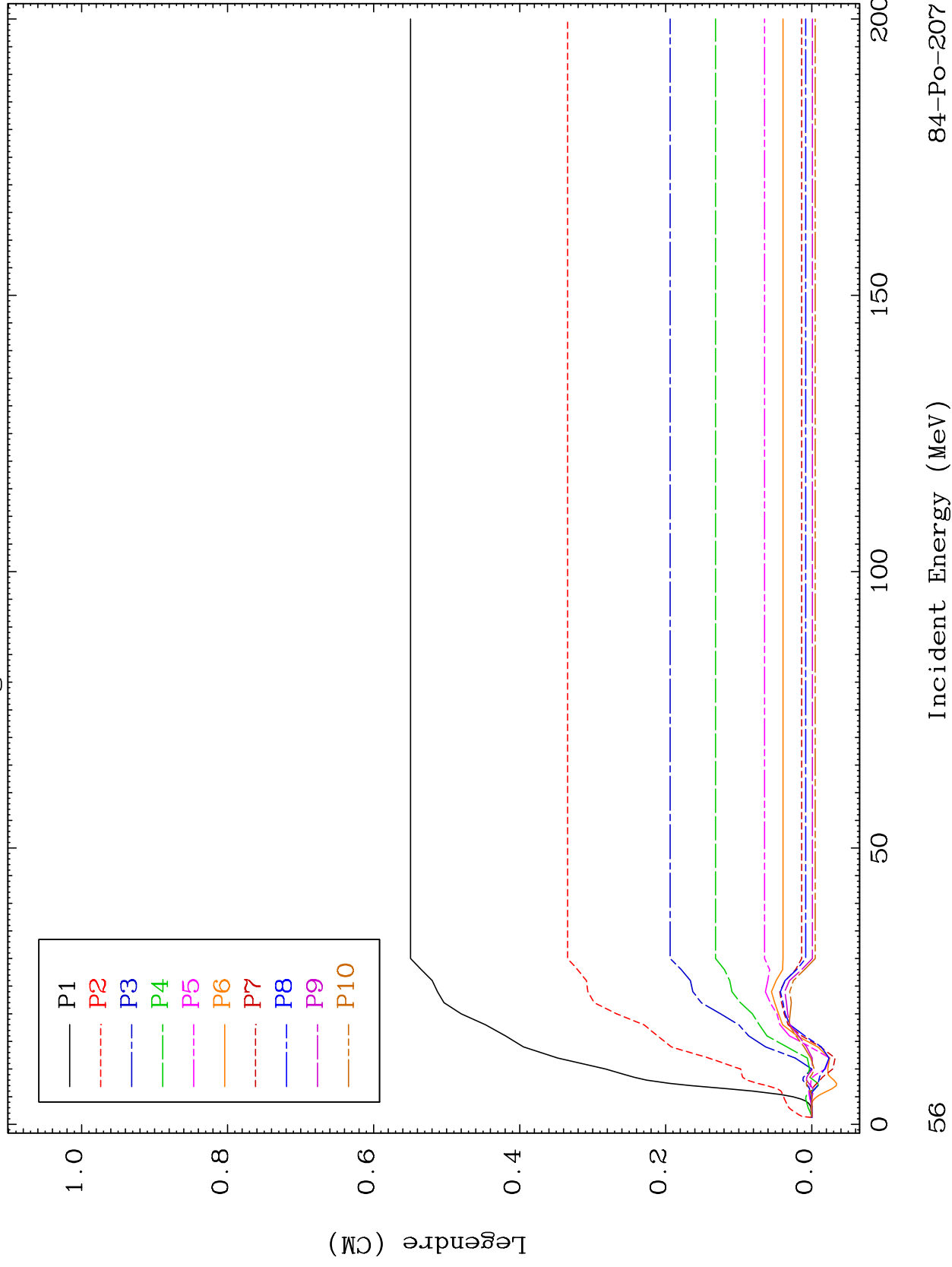




MAT 8428

1.226 MeV (n, n') Level
Legendre Coefficients

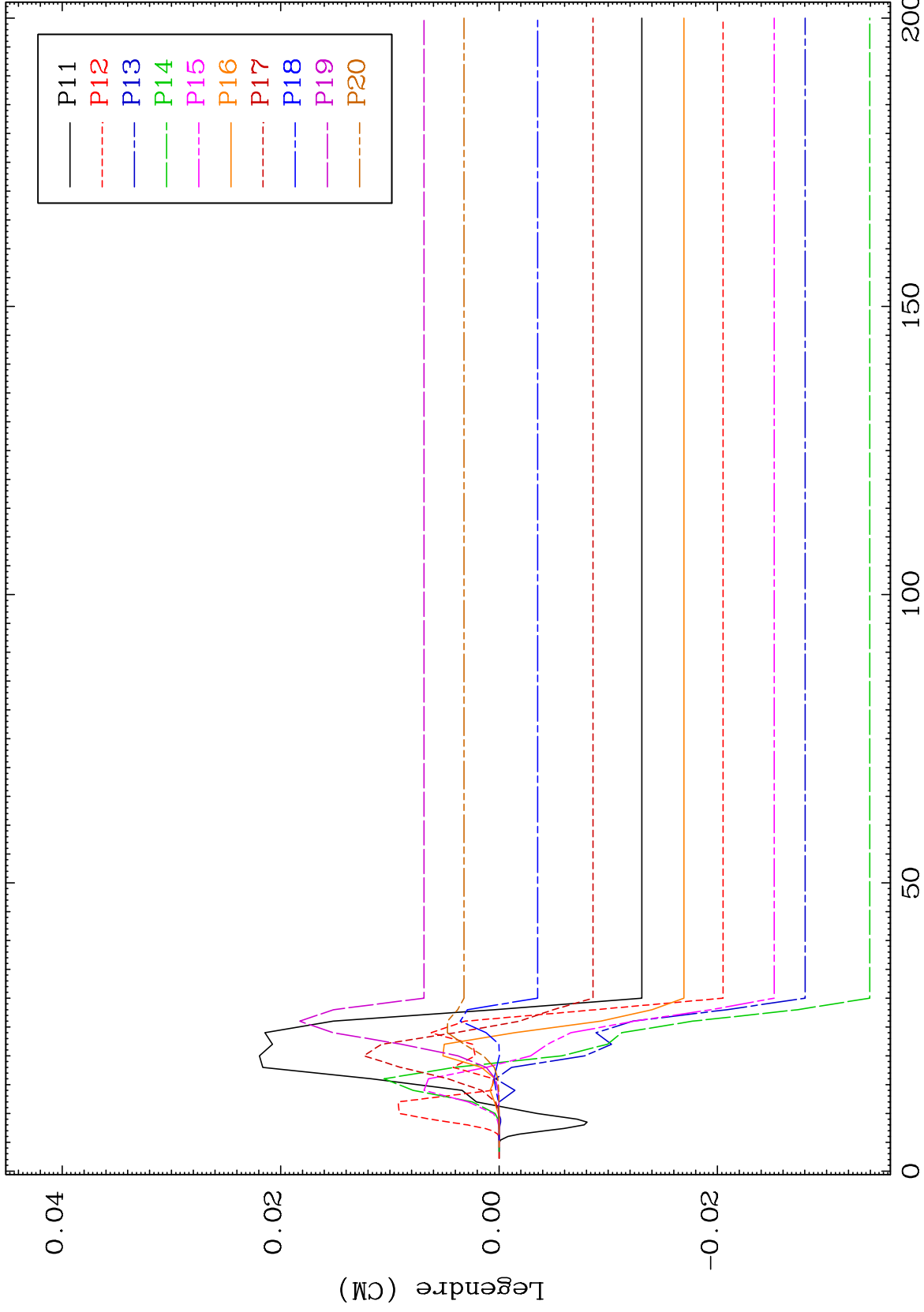
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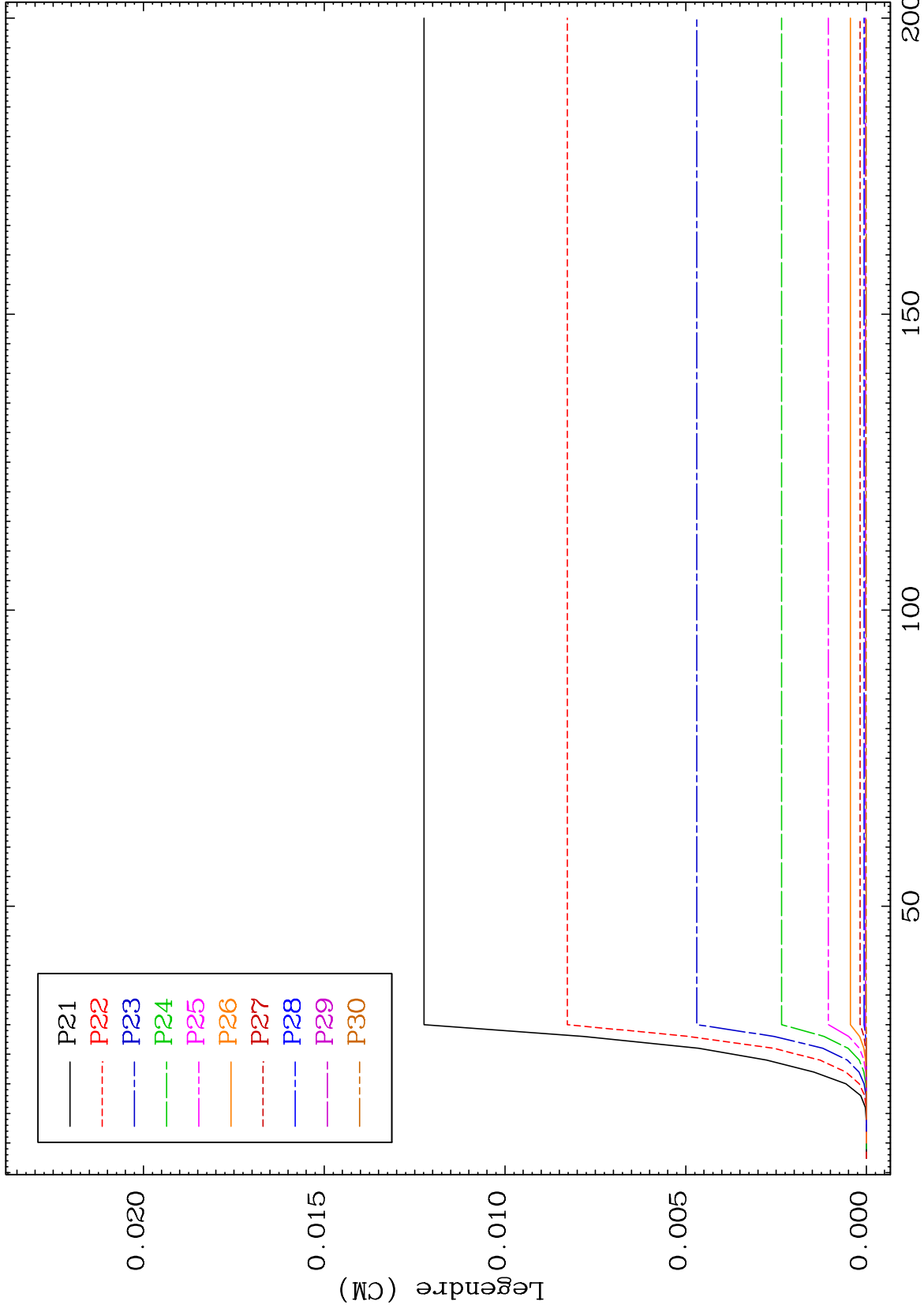


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Incident Energy (MeV)

84-Po-207

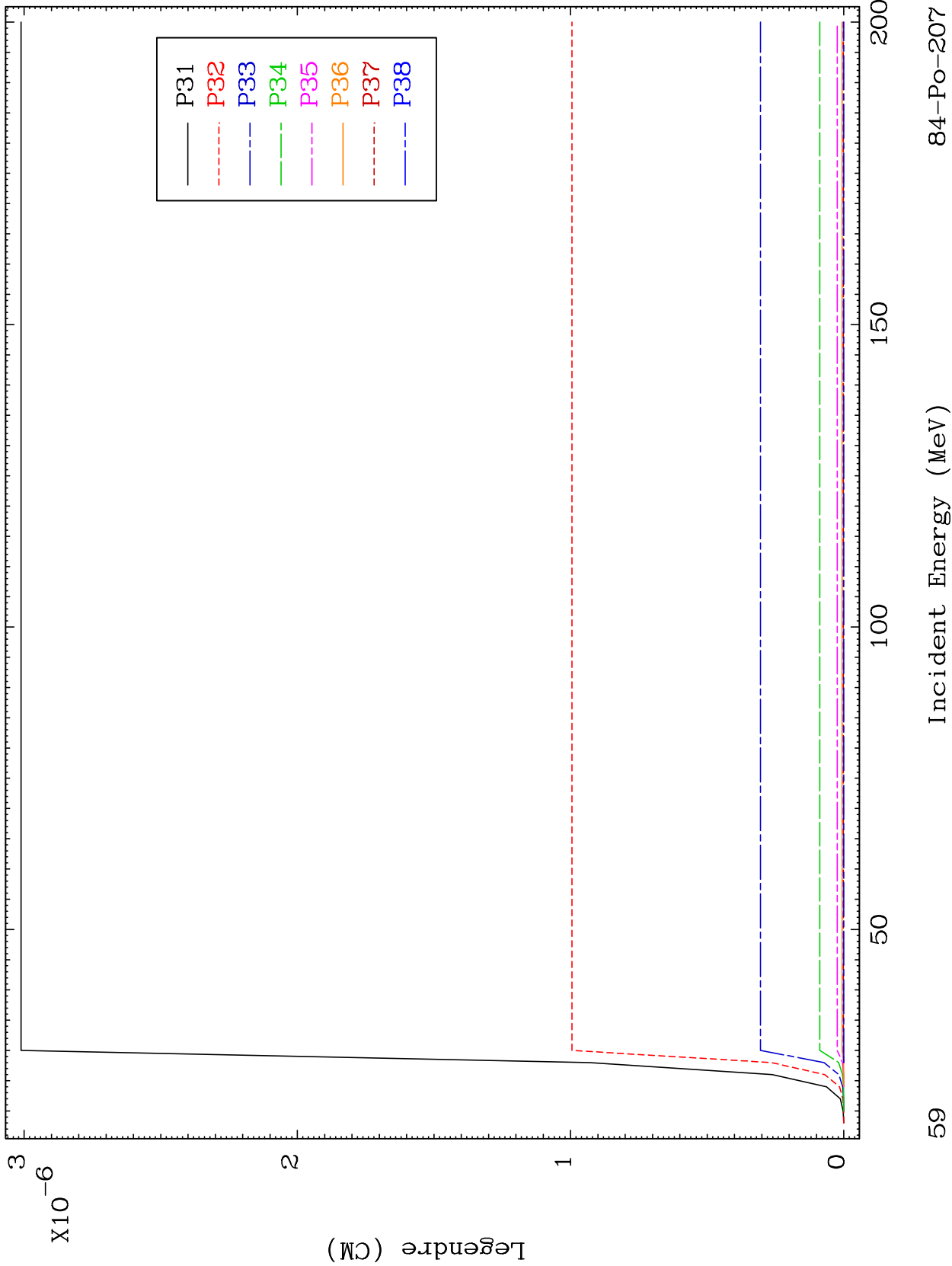




MAT 8428

1.226 MeV (n,n') Level
Legendre Coefficients

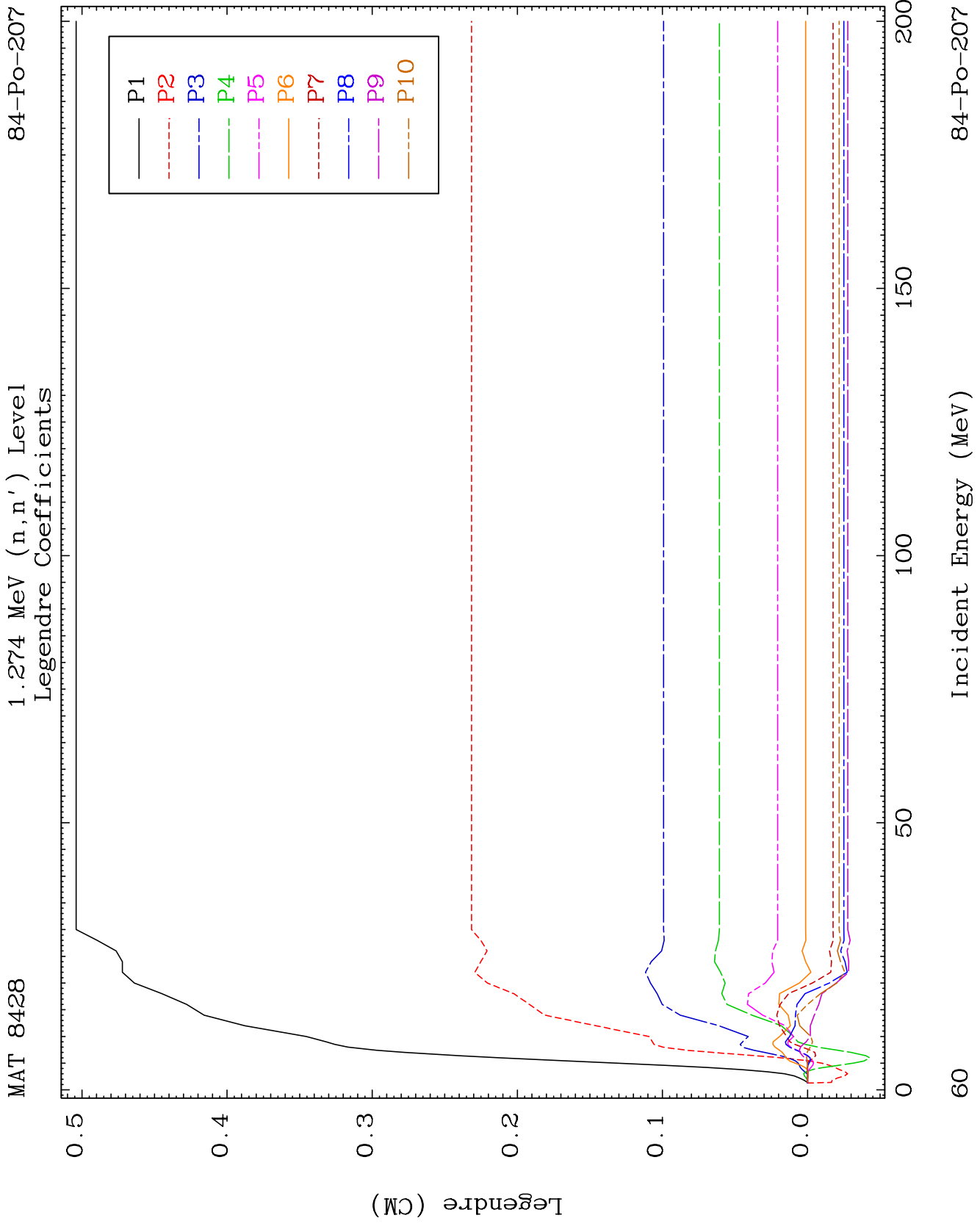
84-Po-207



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Incident Energy (MeV)

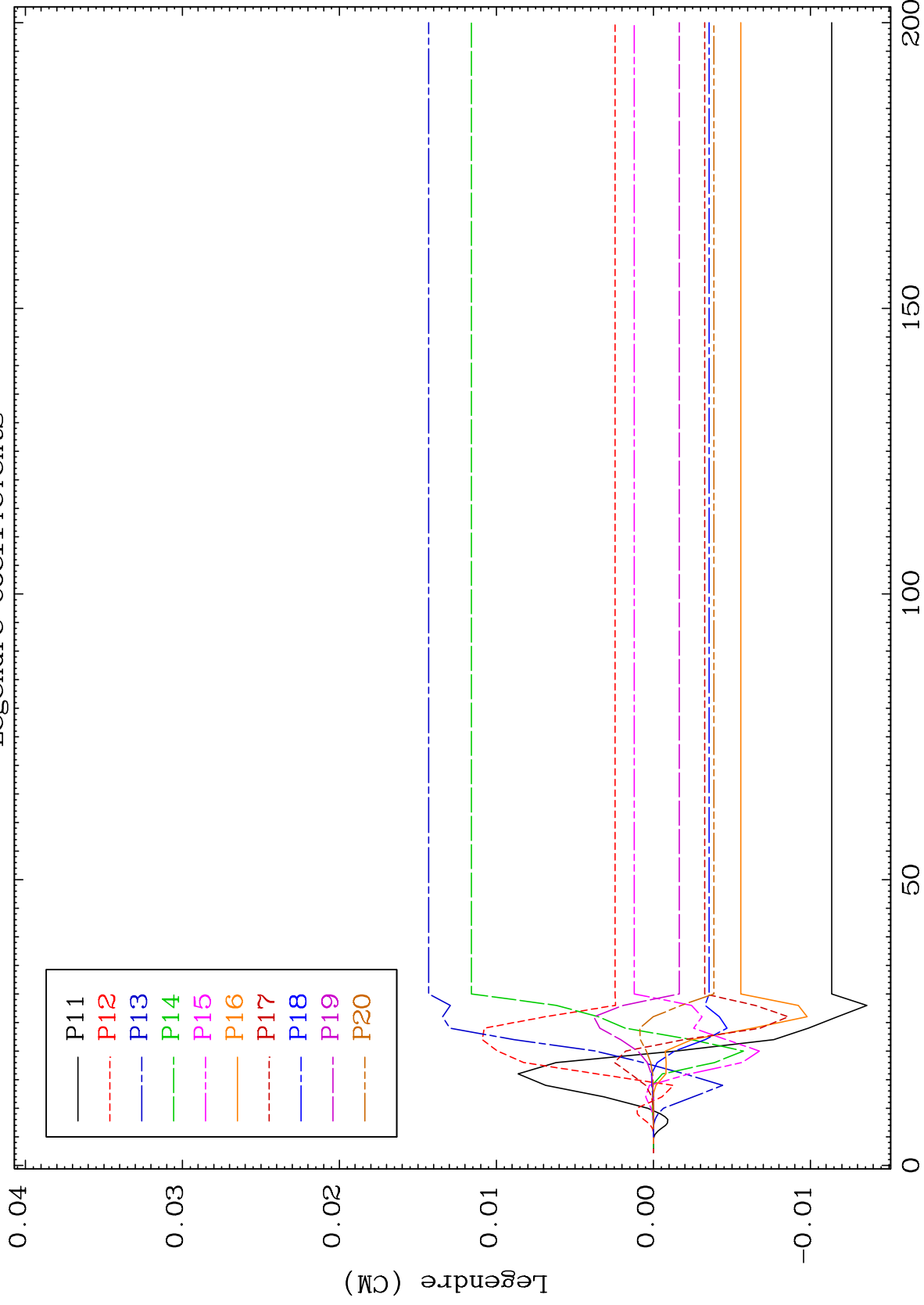
84-Po-207



MAT 8428

1.274 MeV (n, n') Level
Legendre Coefficients

84-Po-207



61

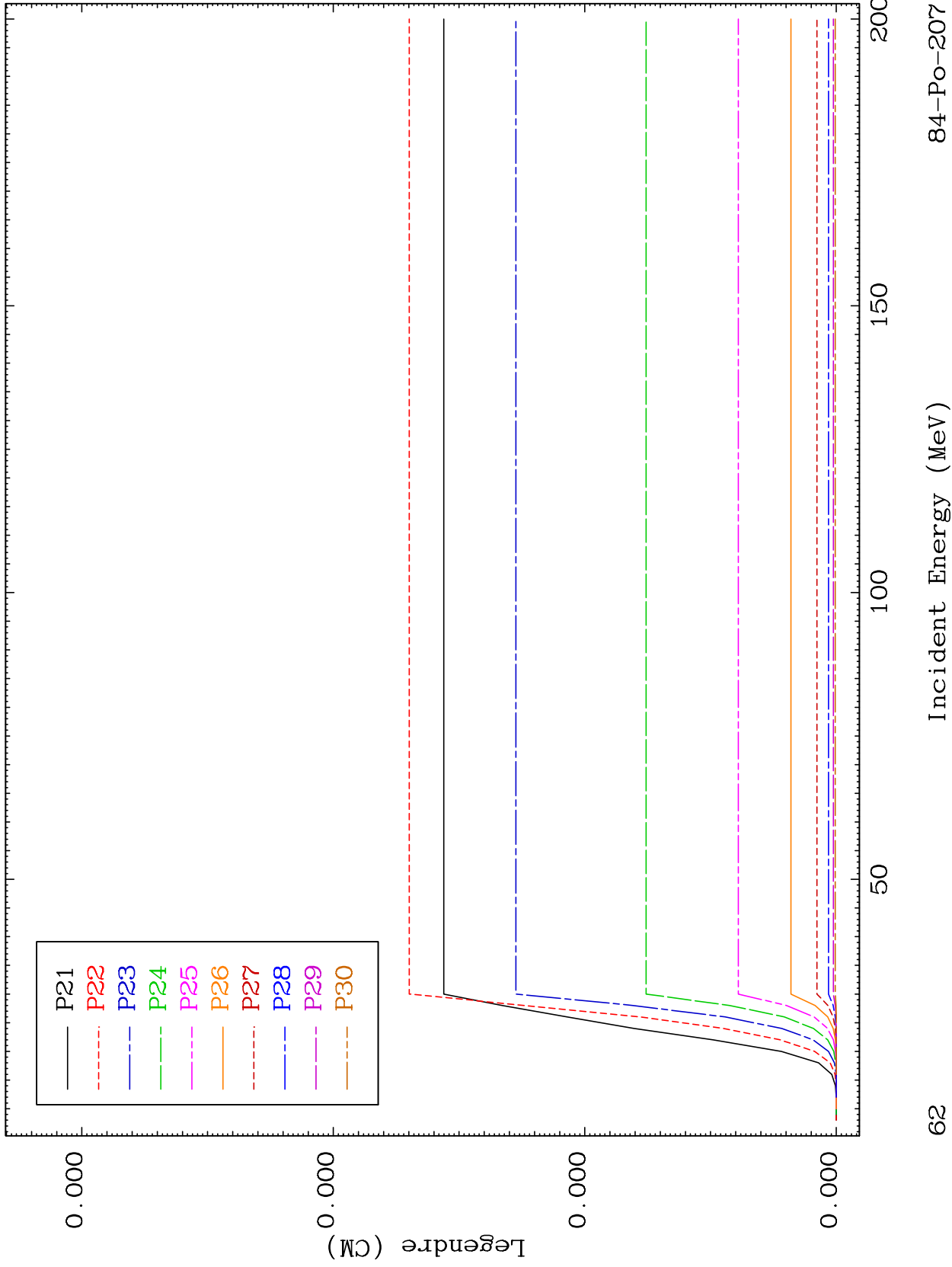
Incident Energy (MeV)

84-Po-207

MAT 8428

1.274 MeV (n,n') Level
Legendre Coefficients

84-Po-207



62

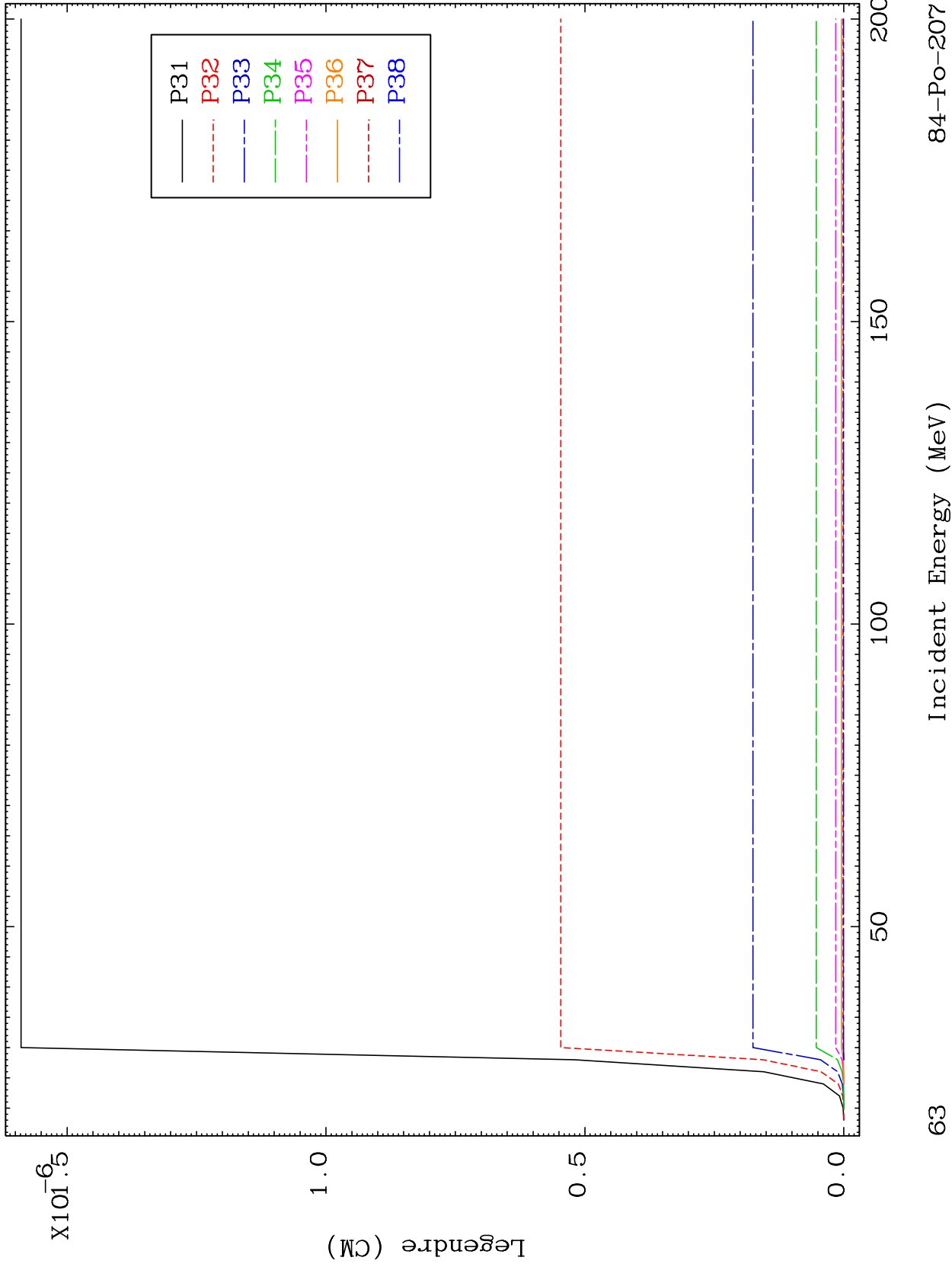
Incident Energy (MeV)

84-Po-207

MAT 8428

1.274 MeV (n,n') Level
Legendre Coefficients

84-Po-207

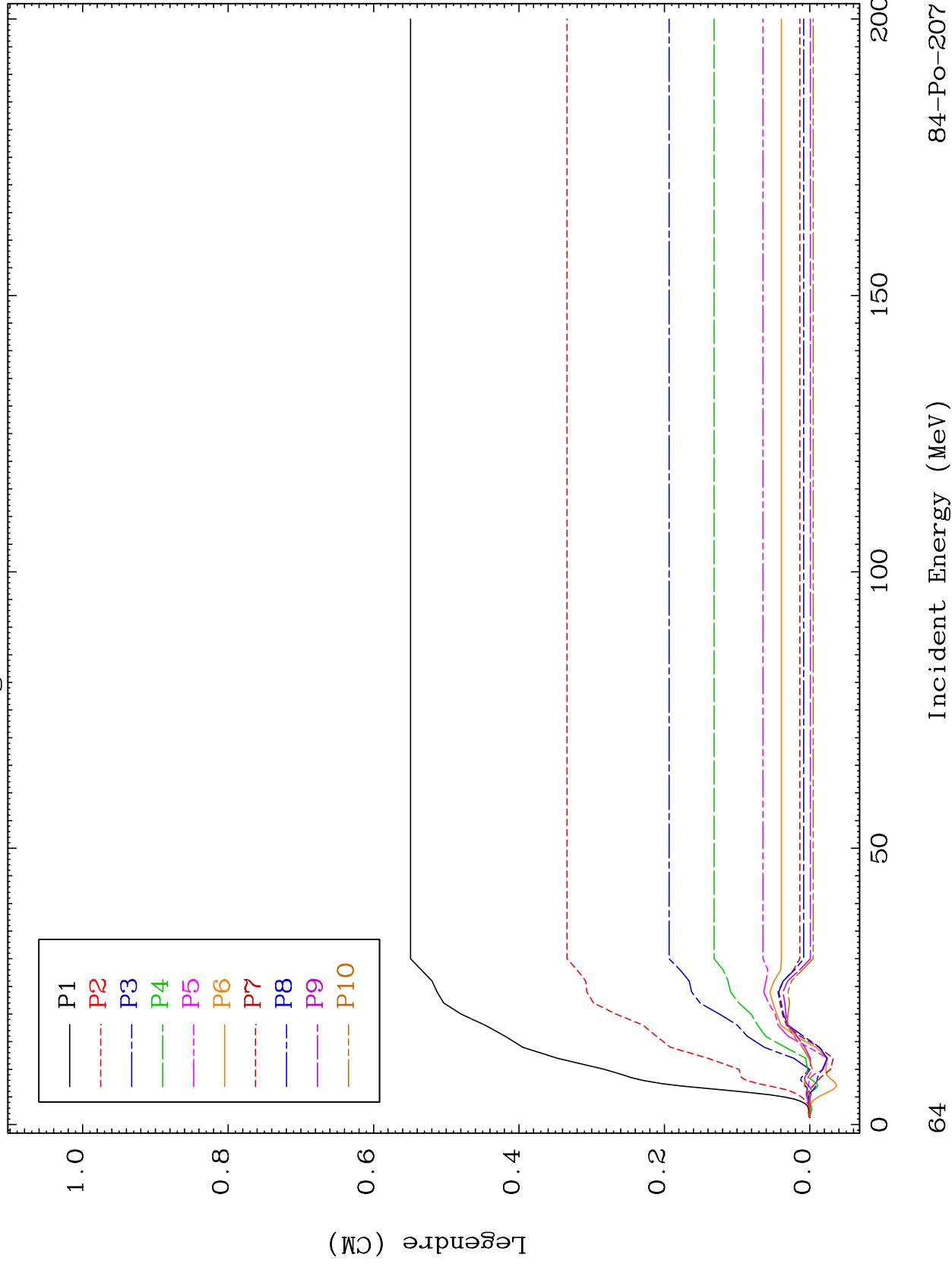


63

MAT 8428

1.282 MeV (n, n') Level
Legendre Coefficients

84-Po-207

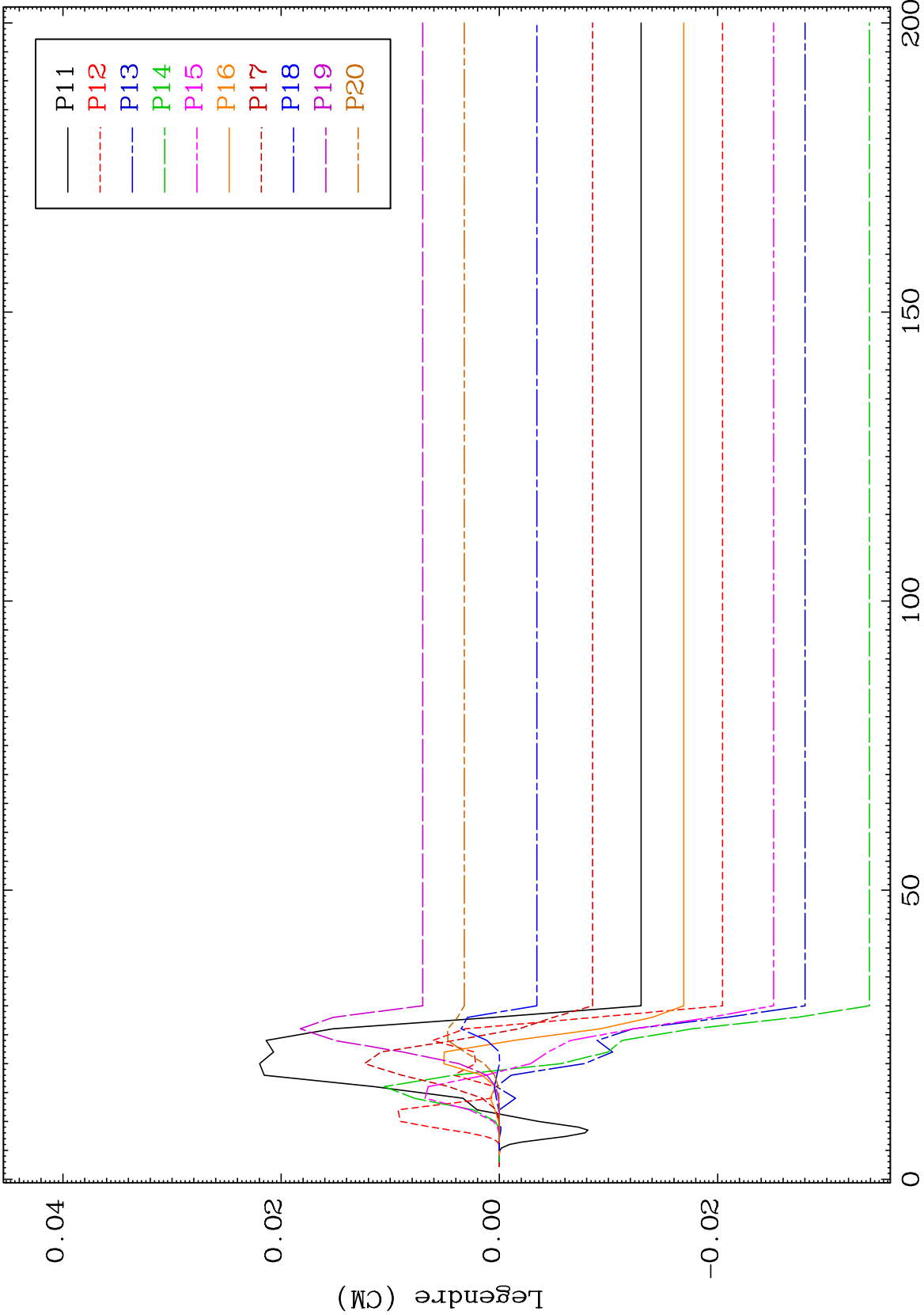


64

MAT 8428

1.282 MeV (n,n') Level Legendre Coefficients

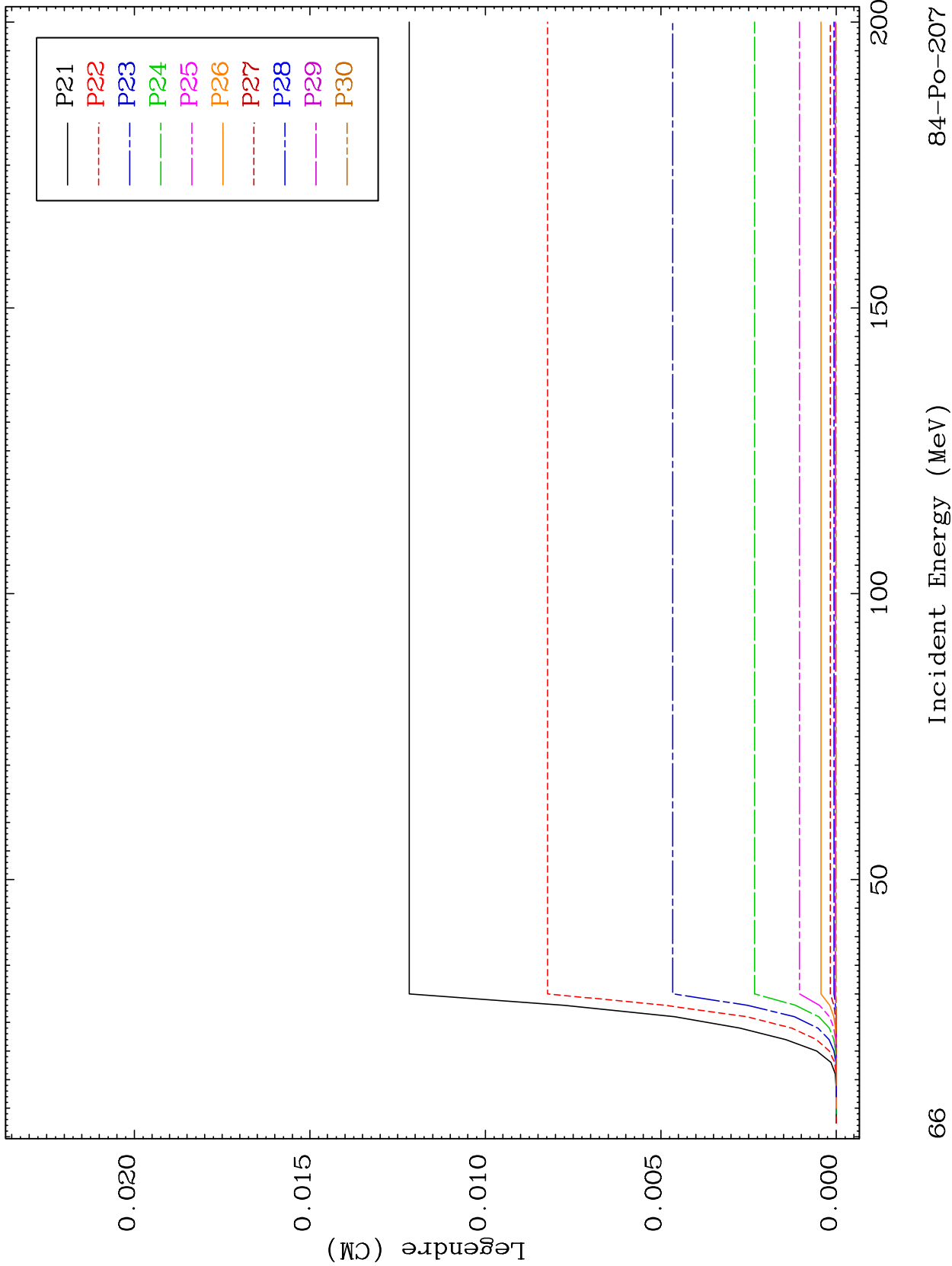
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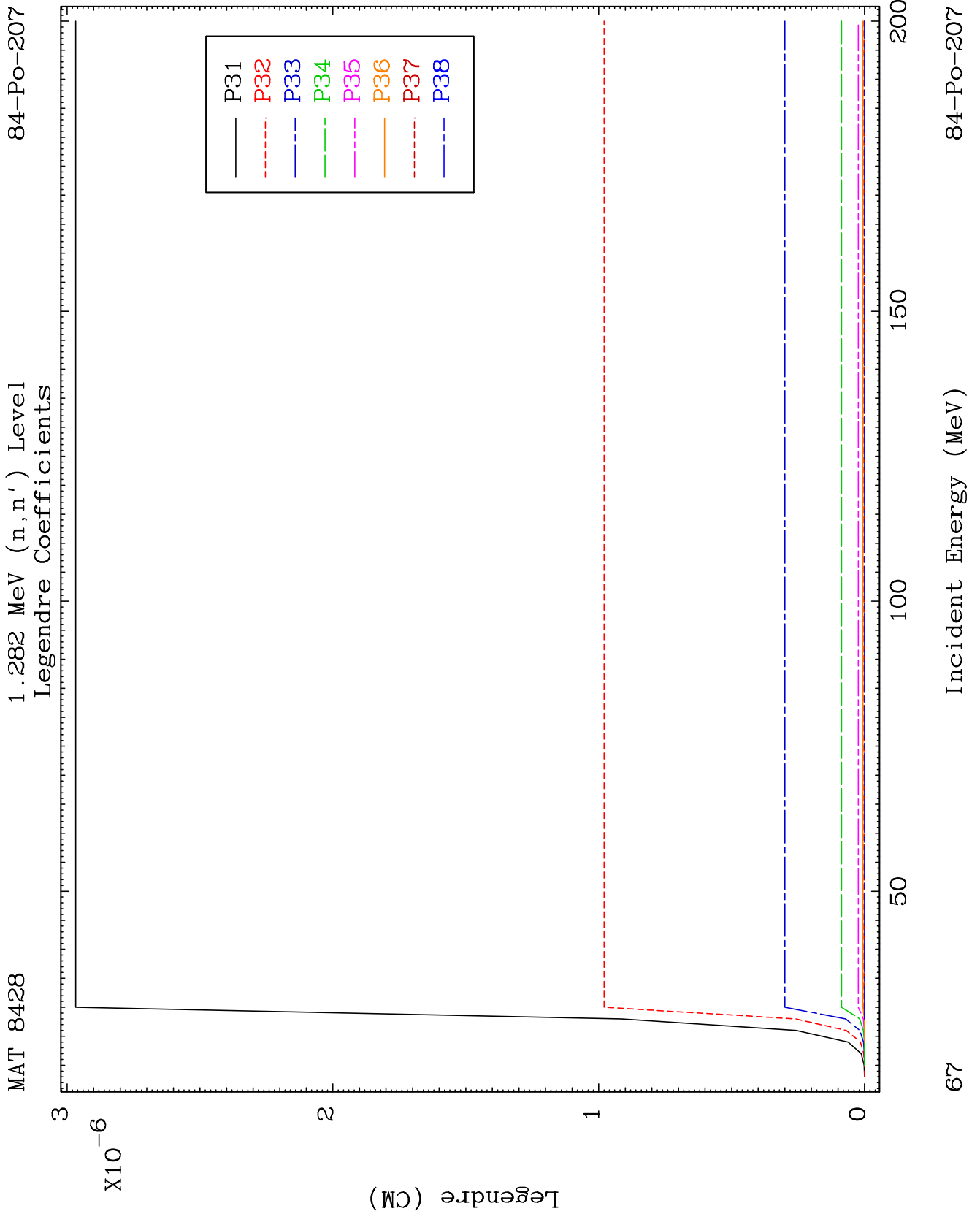


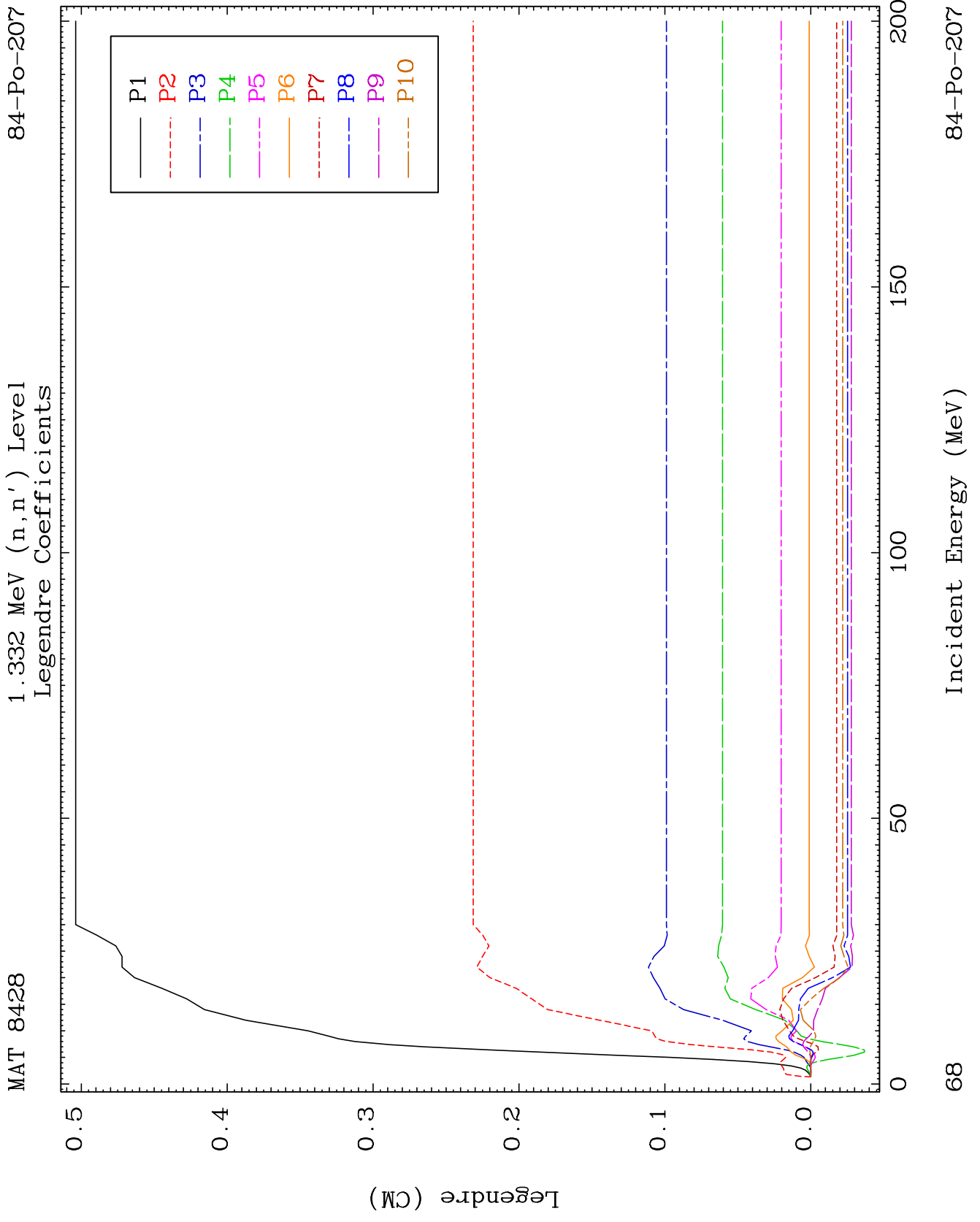
65

Incident Energy (MeV)

84-Po-207



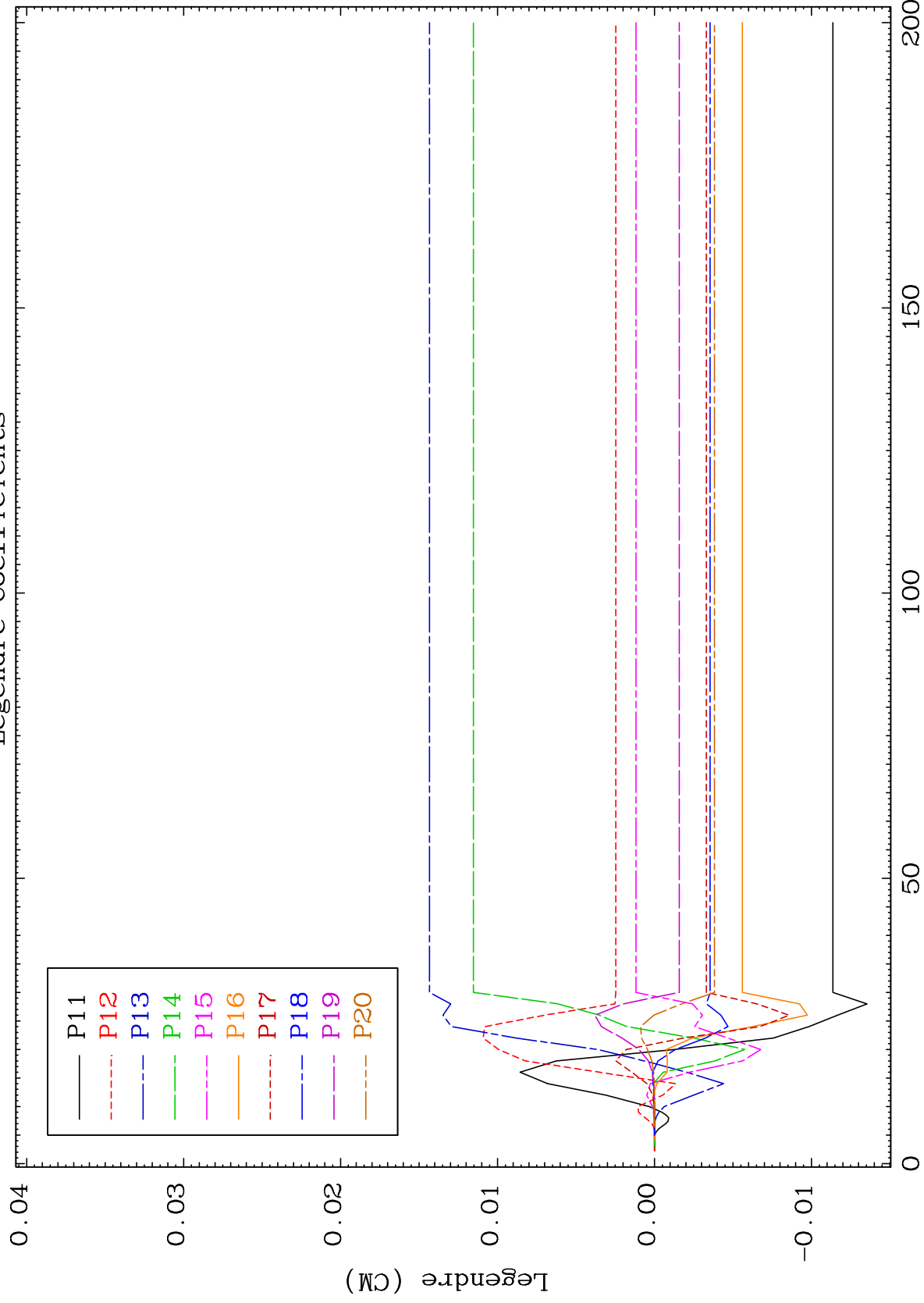




MAT 8428

1.332 MeV (n, n') Level
Legendre Coefficients

84-Po-207



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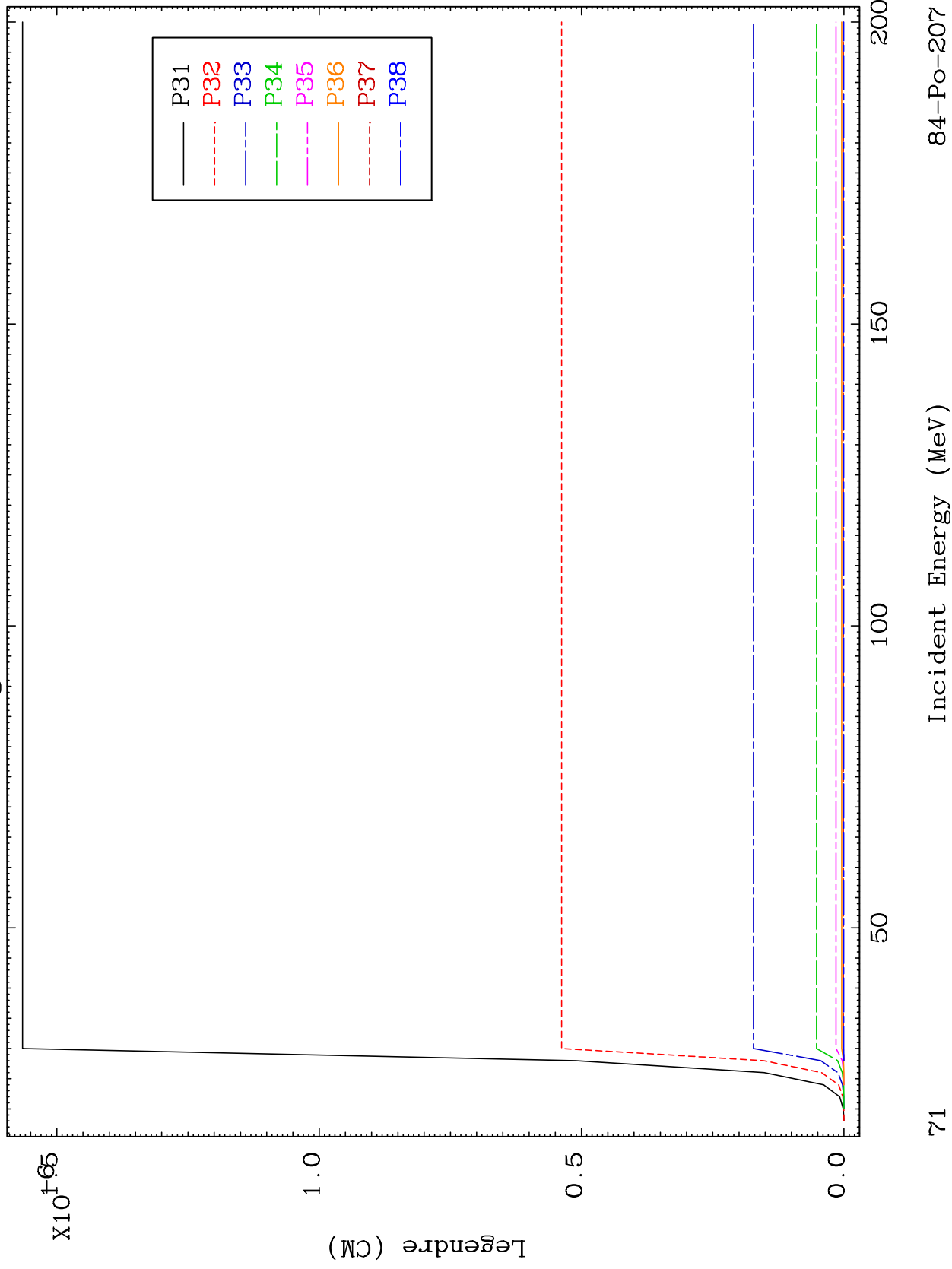
Incident Energy (MeV)

84-Po-207

MAT 8428

1.332 MeV (n,n') Level
Legendre Coefficients

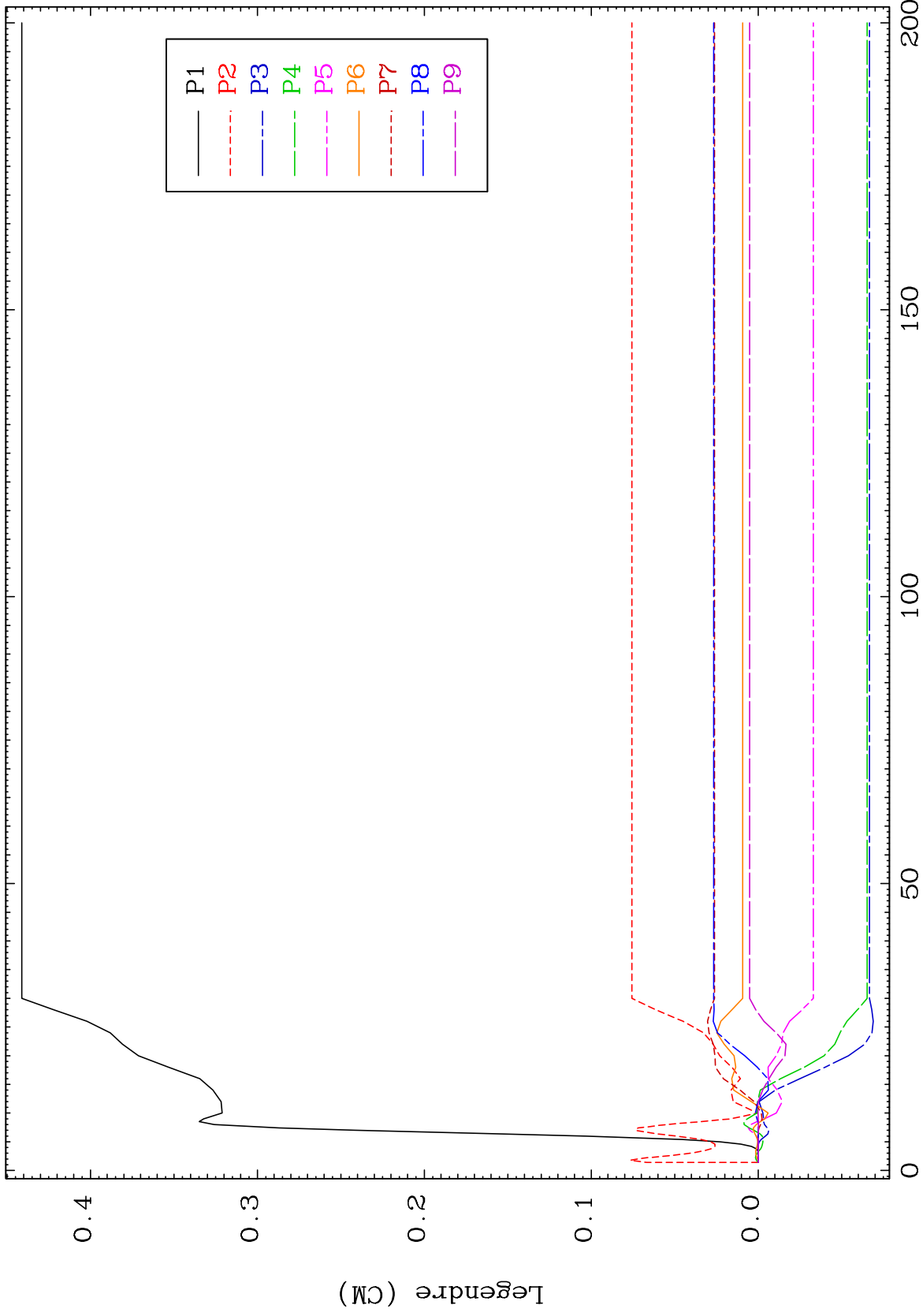
84-Po-207



MAT 8428

1.383 MeV (n,n') Level
Legendre Coefficients

84-Po-207



72

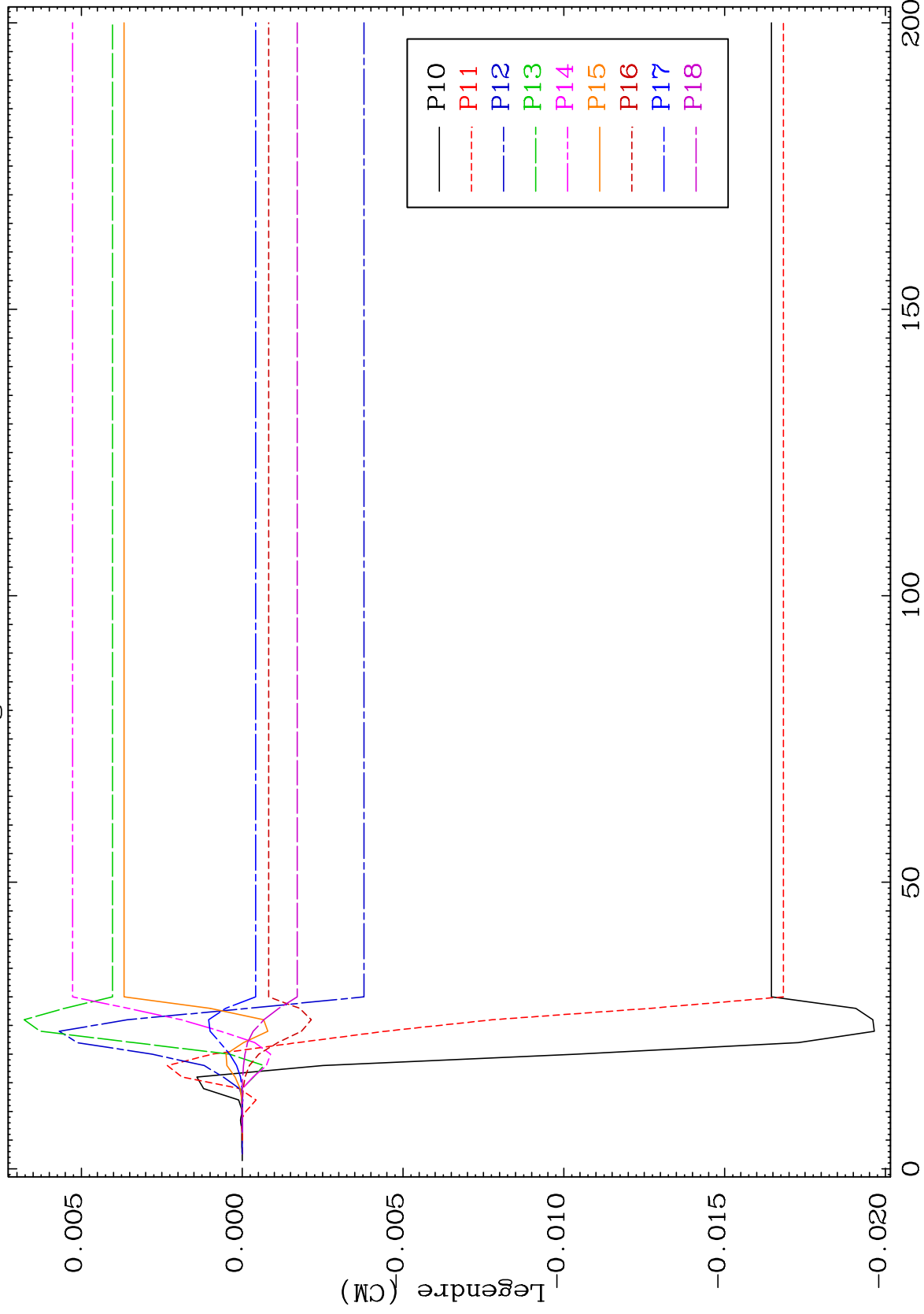
Incident Energy (MeV)

84-Po-207

MAT 8428

1.383 MeV (n,n') Level
Legendre Coefficients

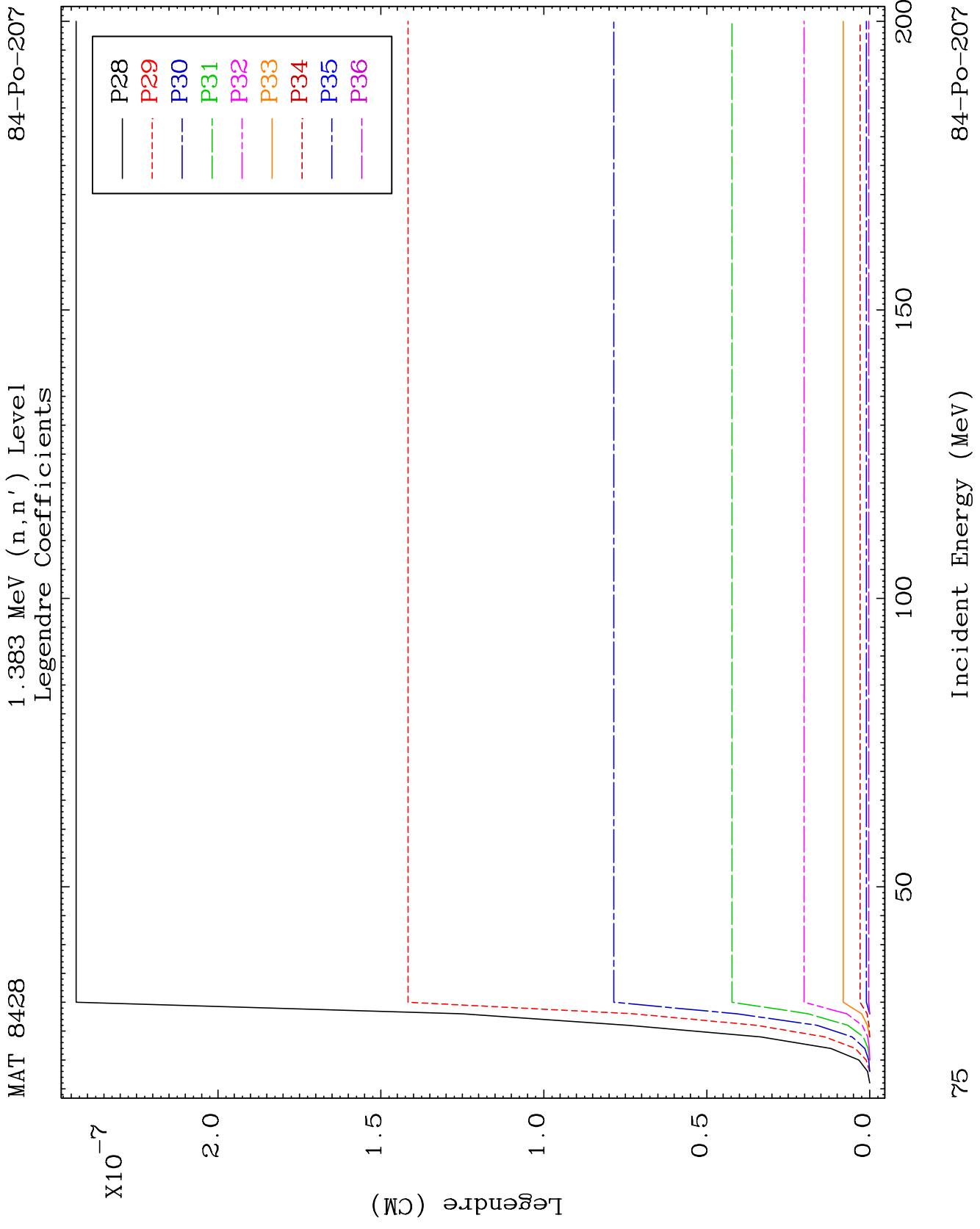
84-Po-207

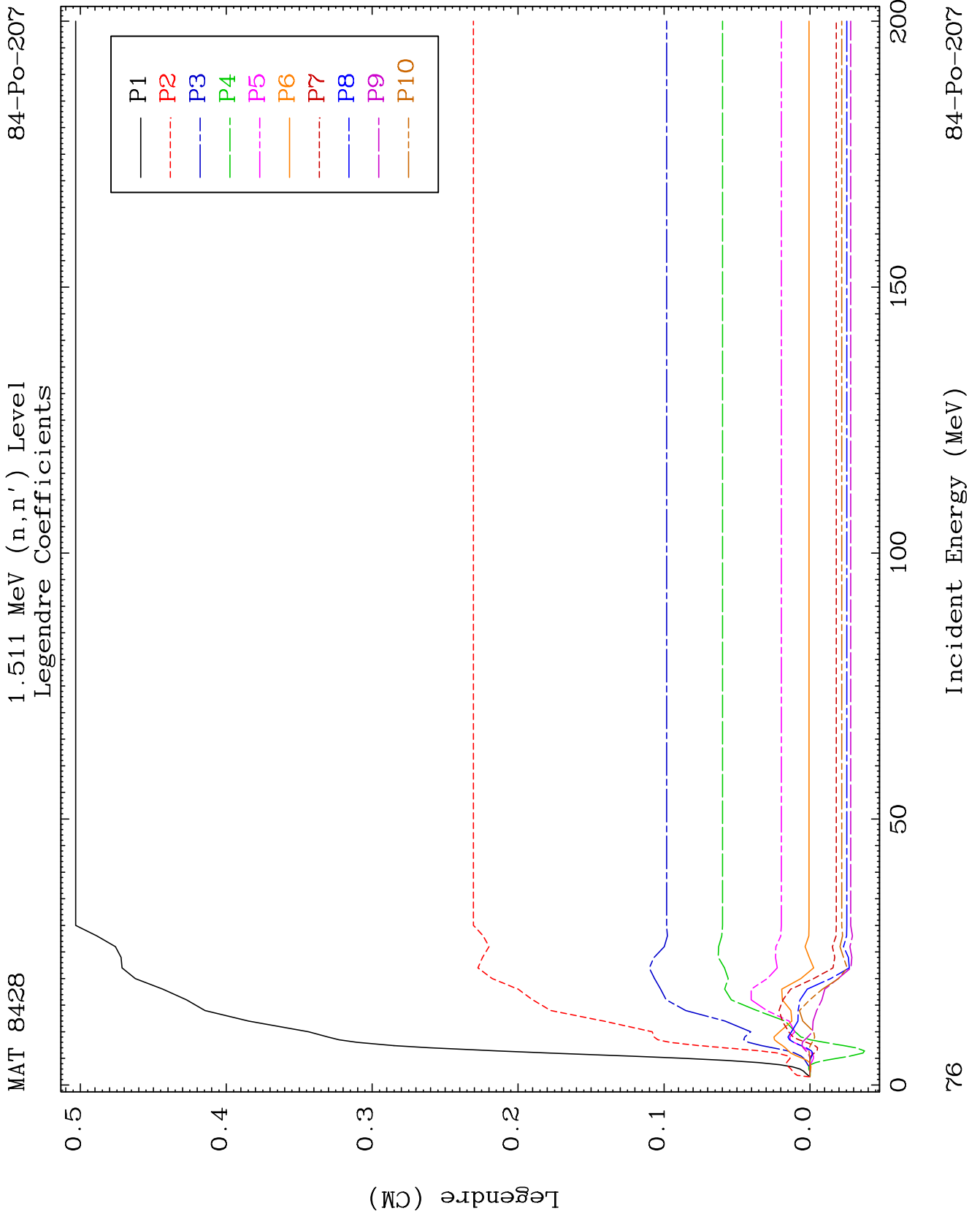


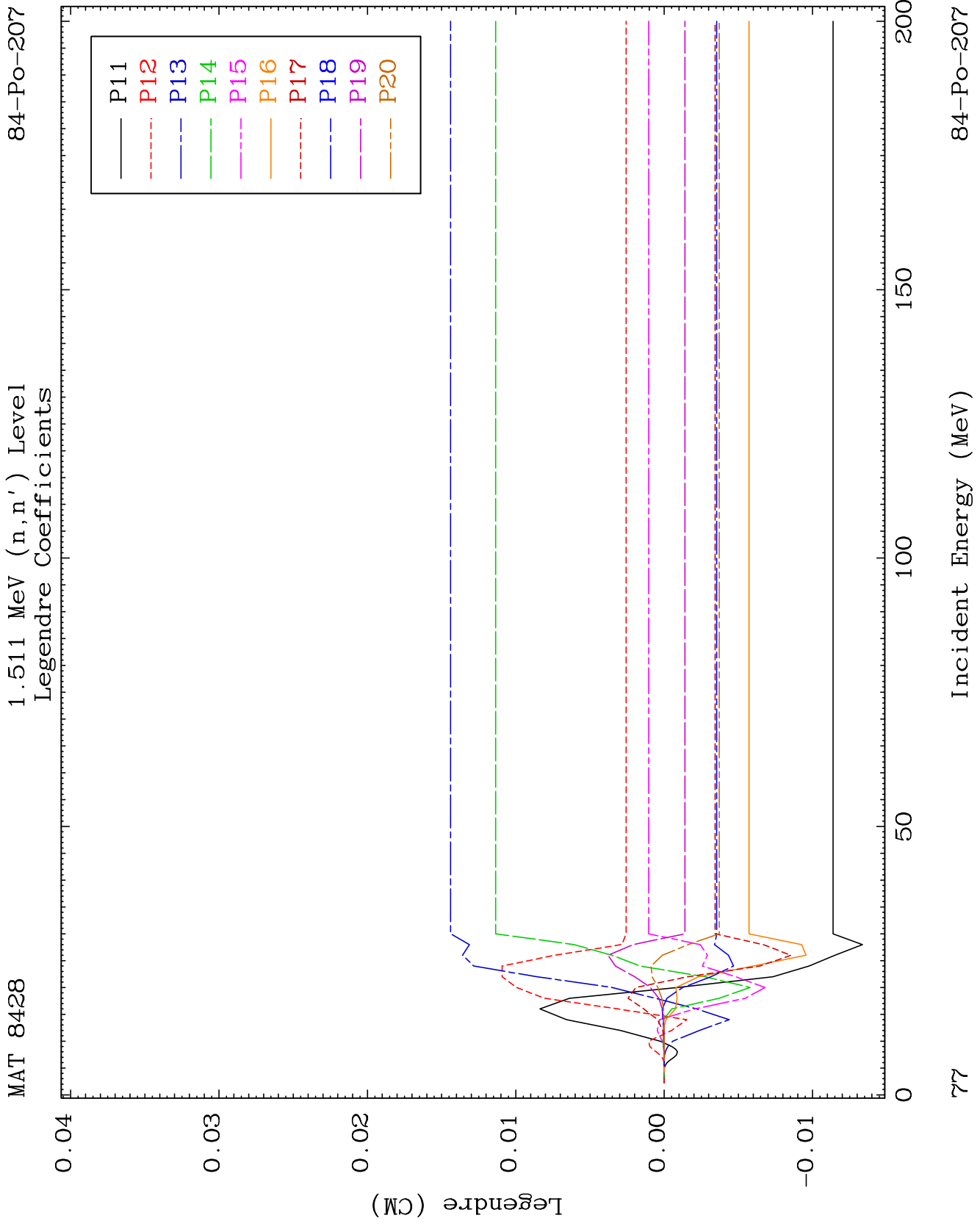
73

Incident Energy (MeV)

84-Po-207



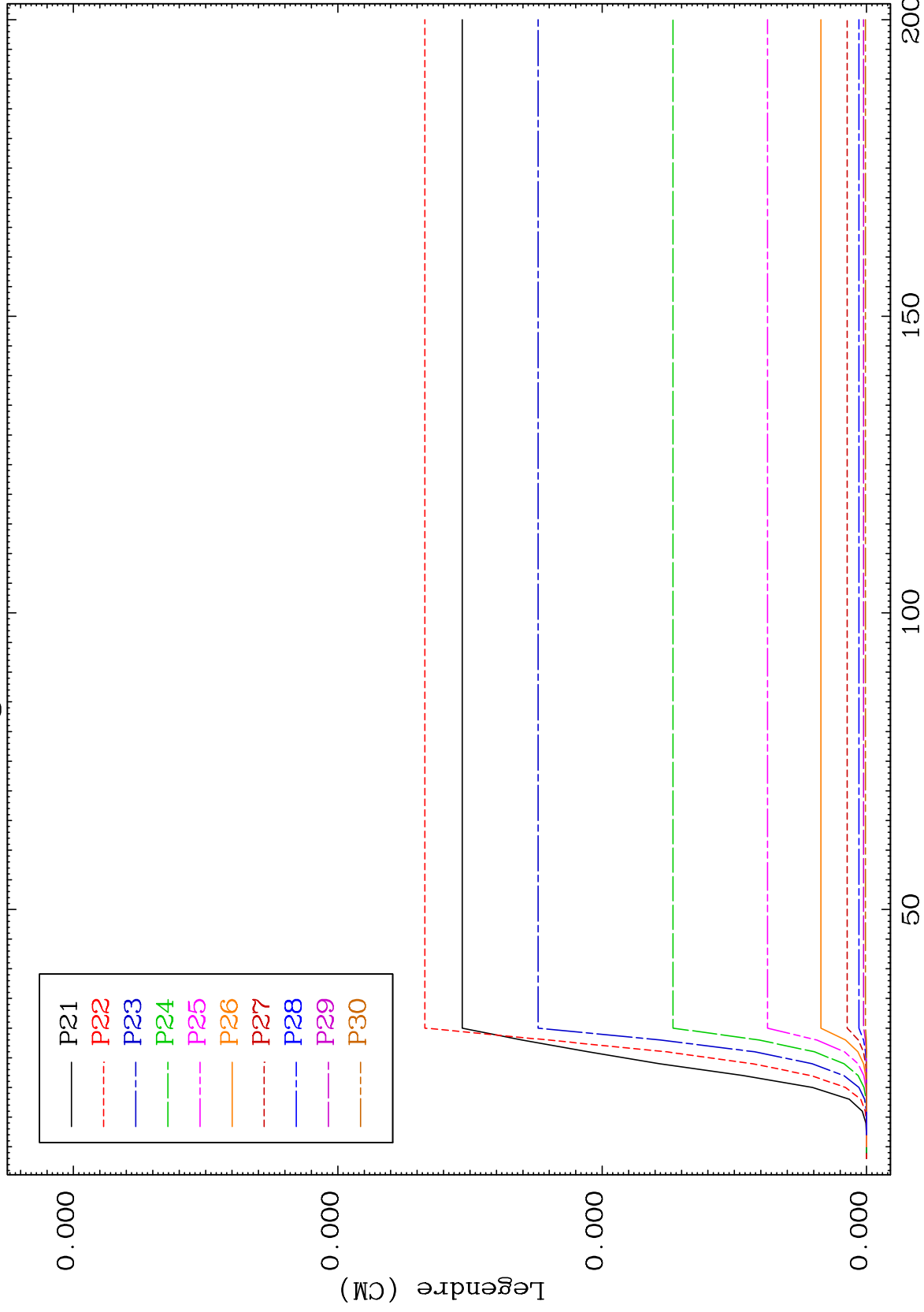




MAT 8428

1.511 MeV (n,n') Level
Legendre Coefficients

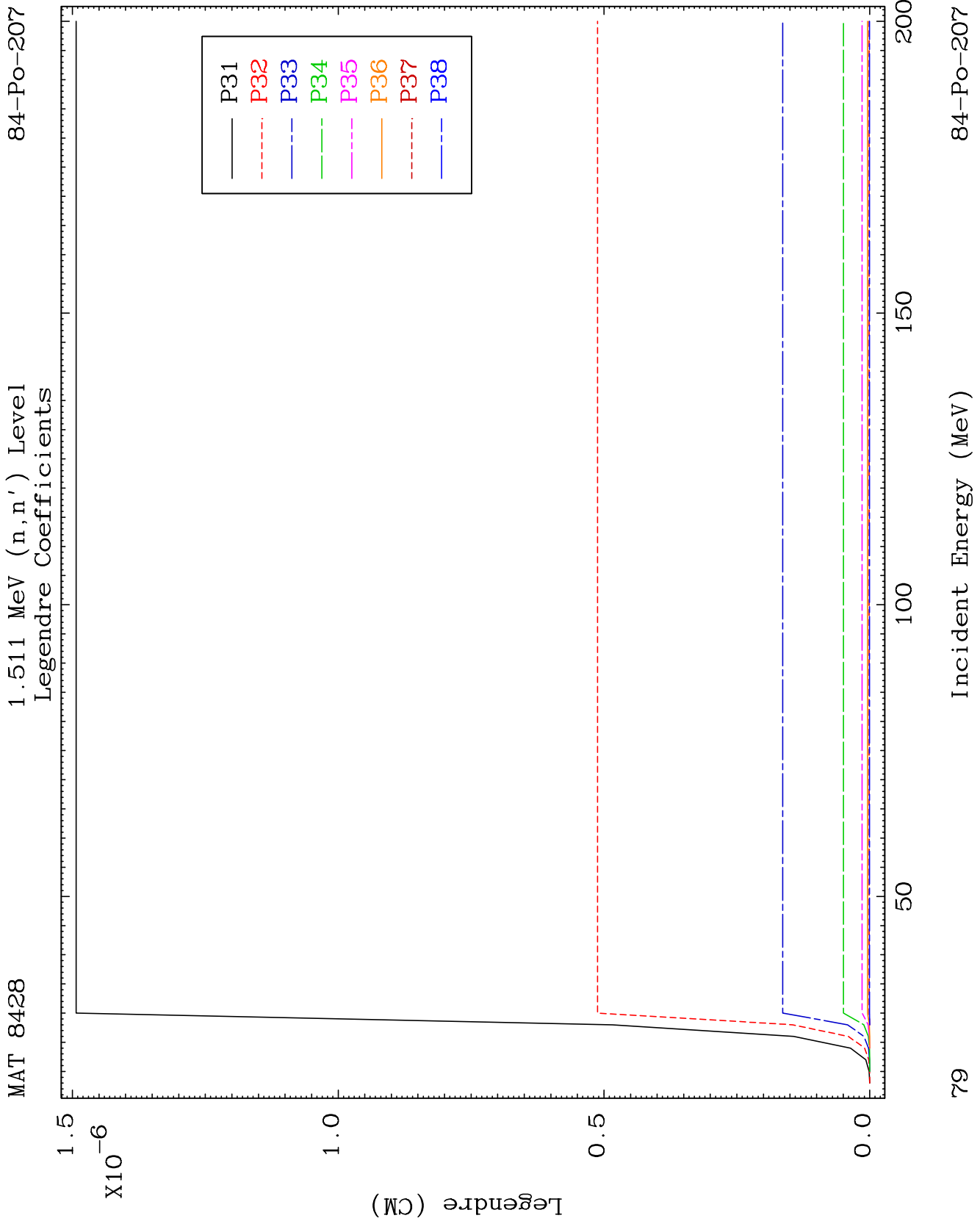
84-Po-207

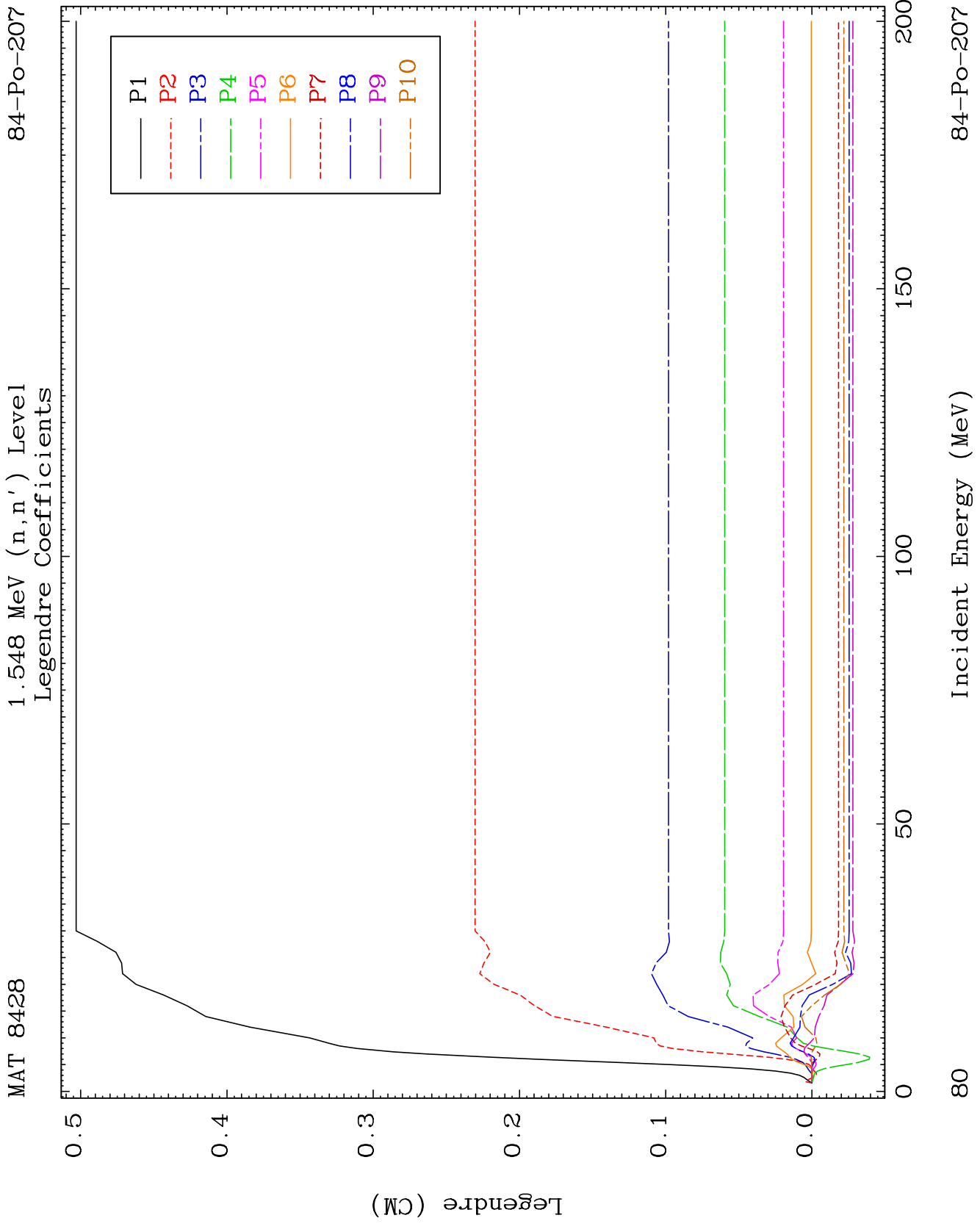


78

Incident Energy (MeV)

84-Po-207

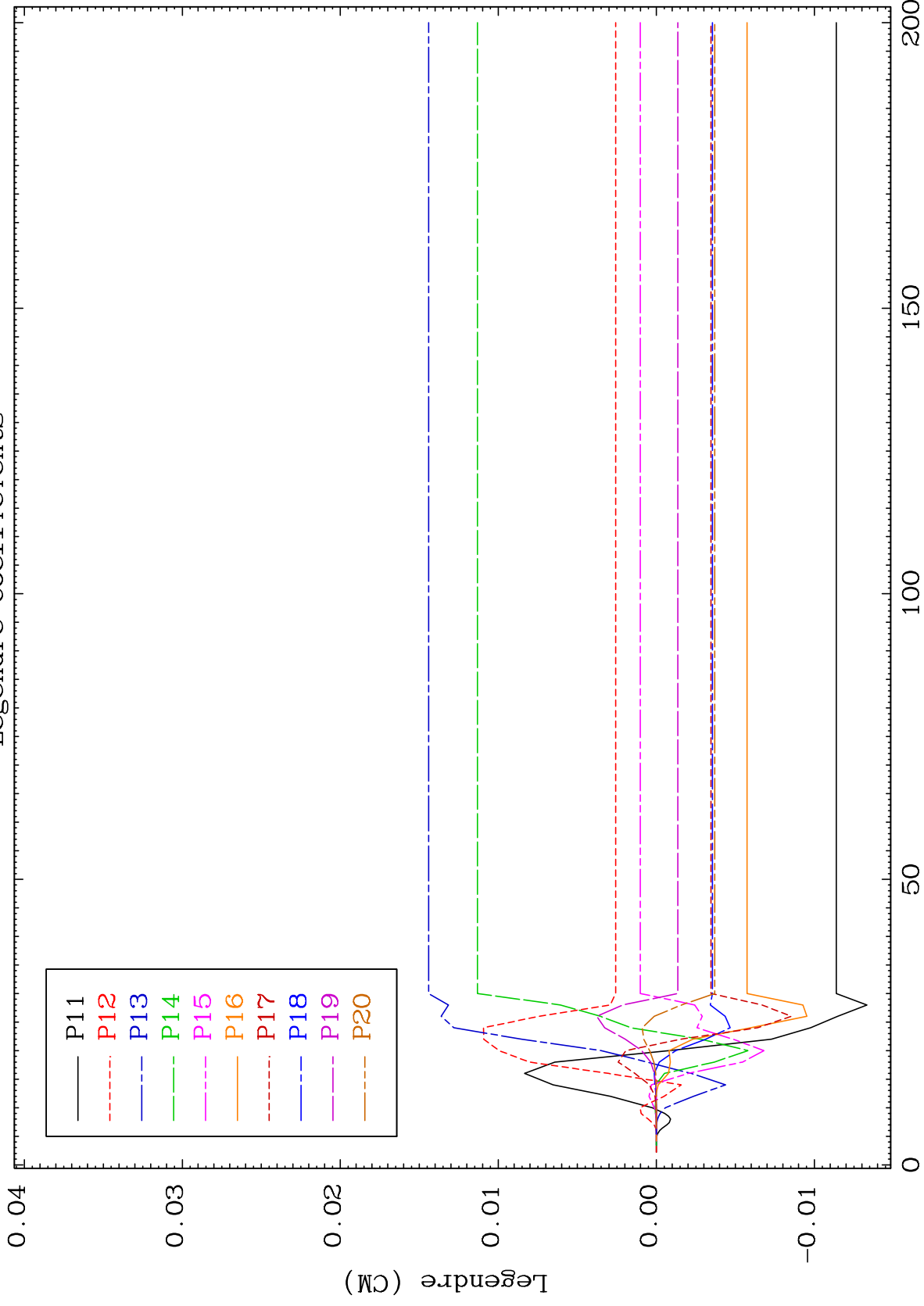




MAT 8428

1.548 MeV (n, n') Level
Legendre Coefficients

84-Po-207



81

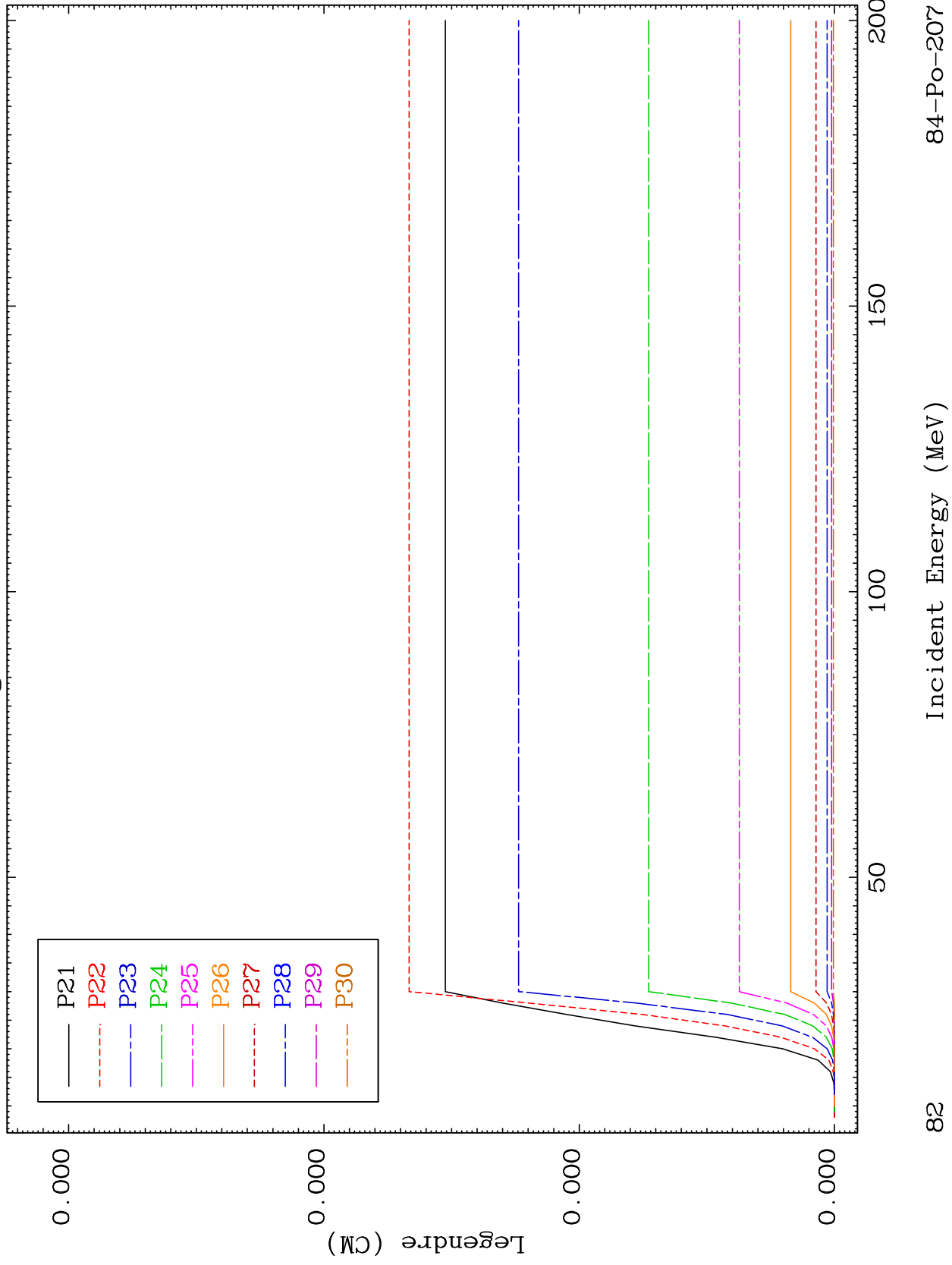
Incident Energy (MeV)

84-Po-207

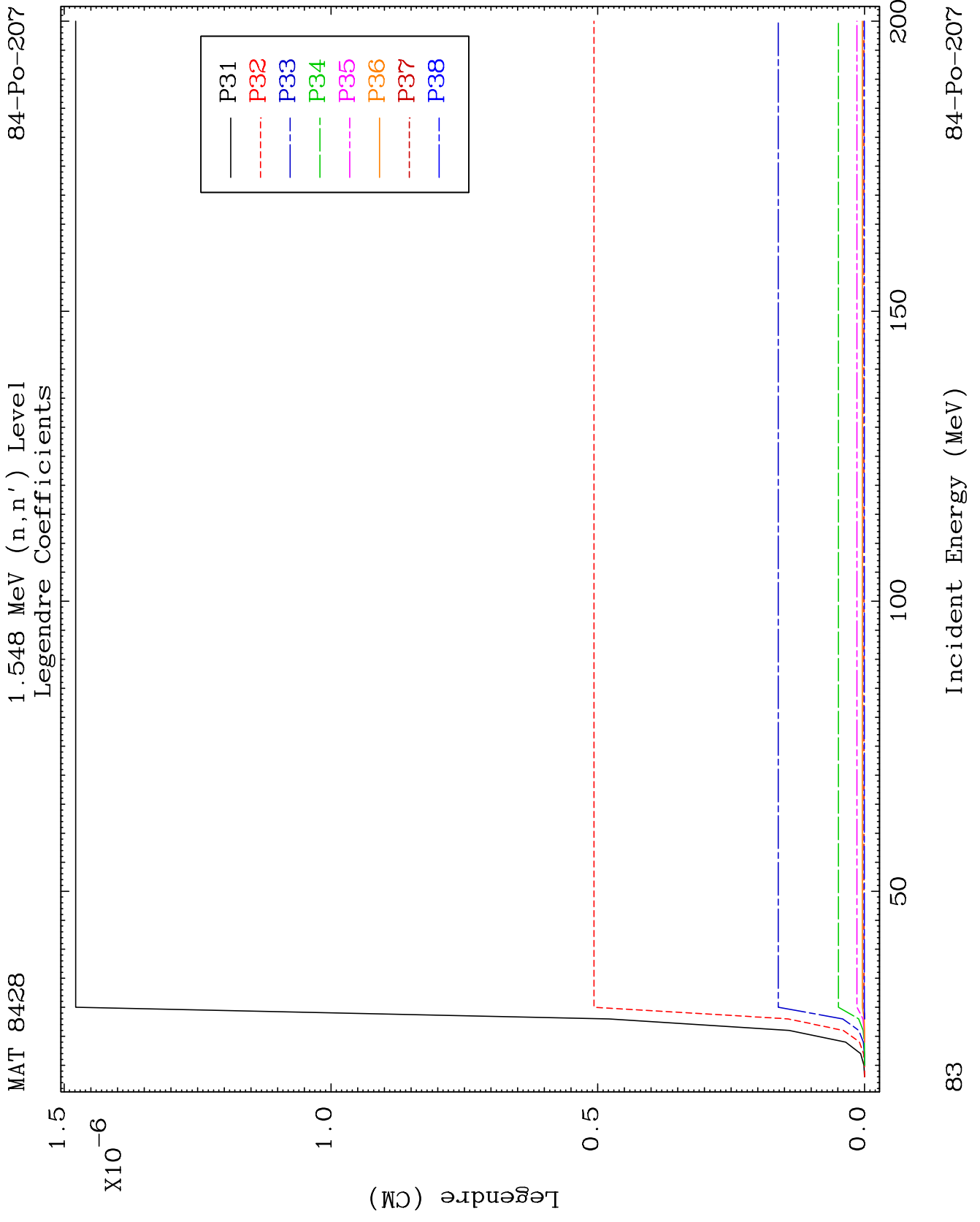
MAT 8428

1.548 MeV (n, n') Level
Legendre Coefficients

84-Po-207



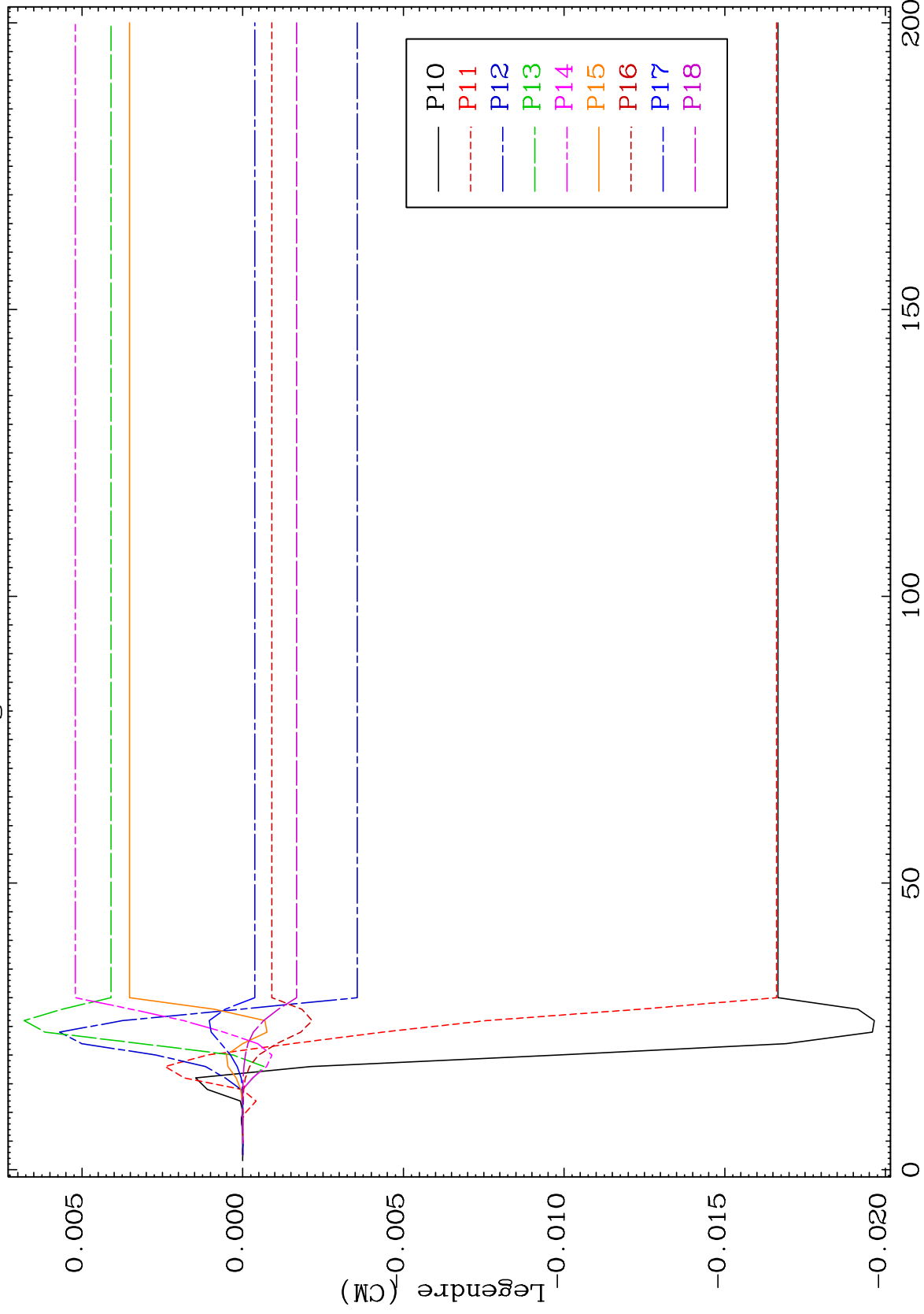
82



MAT 8428

1.564 MeV (n,n') Level
Legendre Coefficients

84-Po-207



85

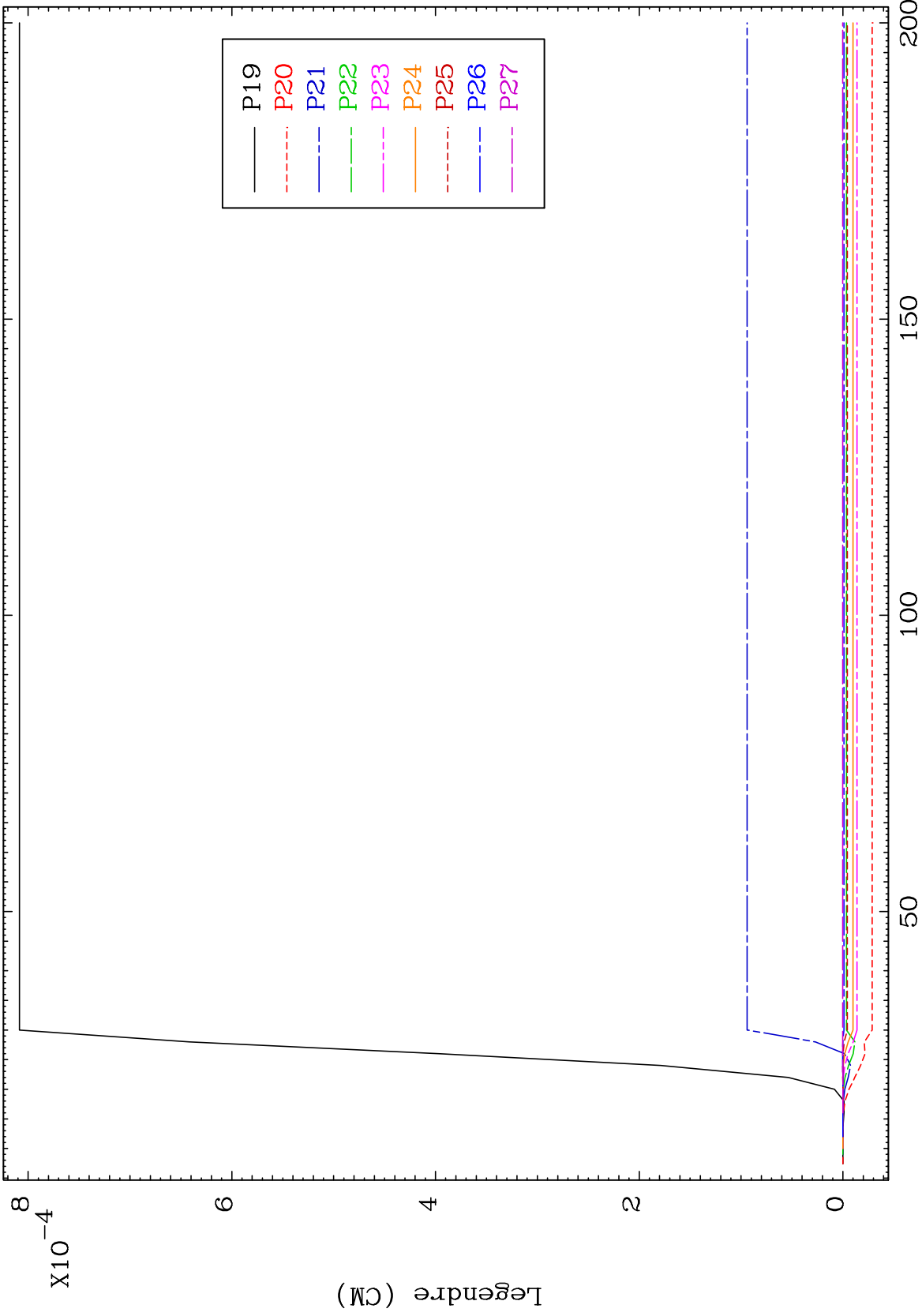
Incident Energy (MeV)

84-Po-207

MAT 8428

1.564 MeV (n,n') Level
Legendre Coefficients

84-Po-207



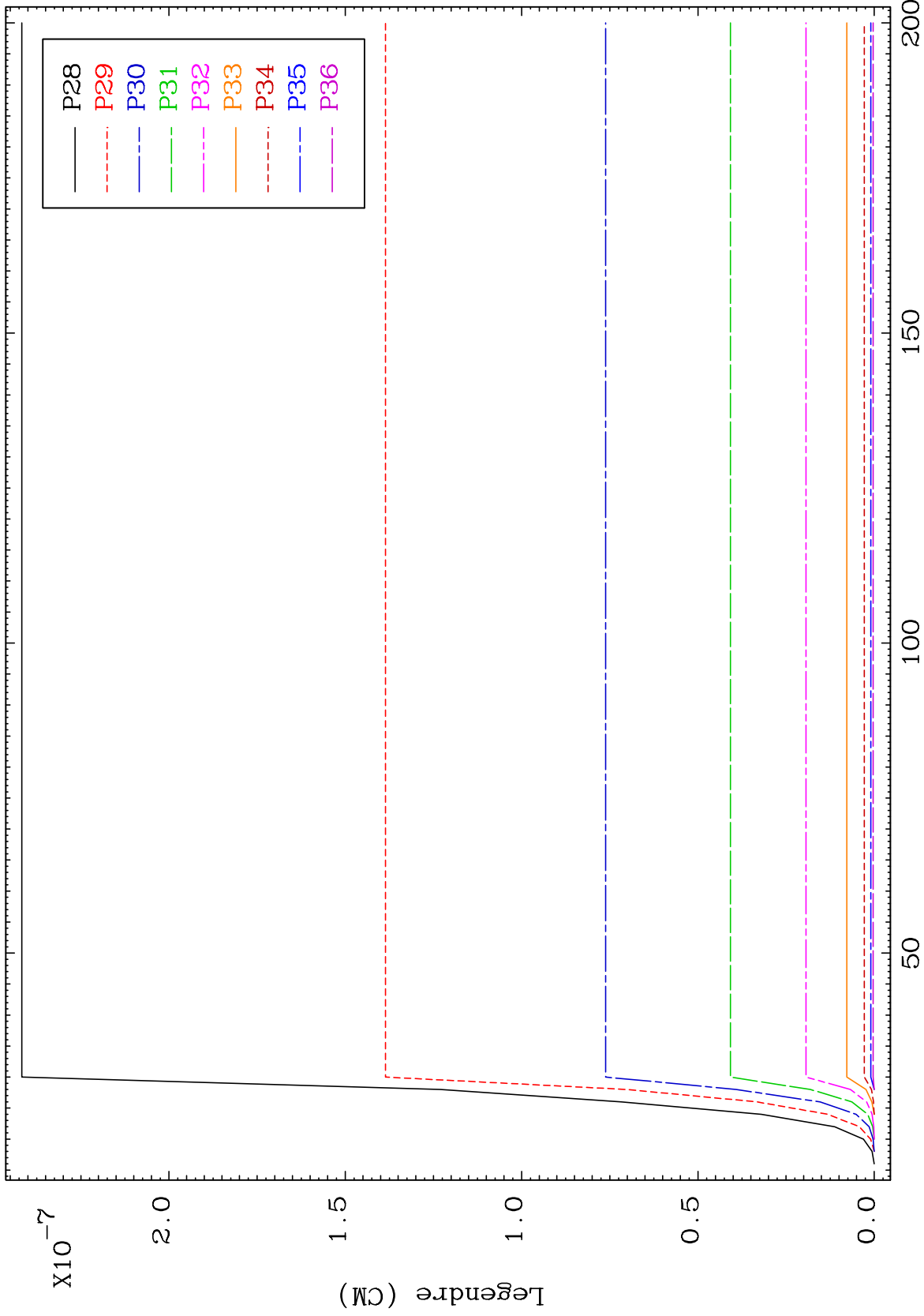
86

84-Po-207

MAT 8428

1.564 MeV (n, n') Level
Legendre Coefficients

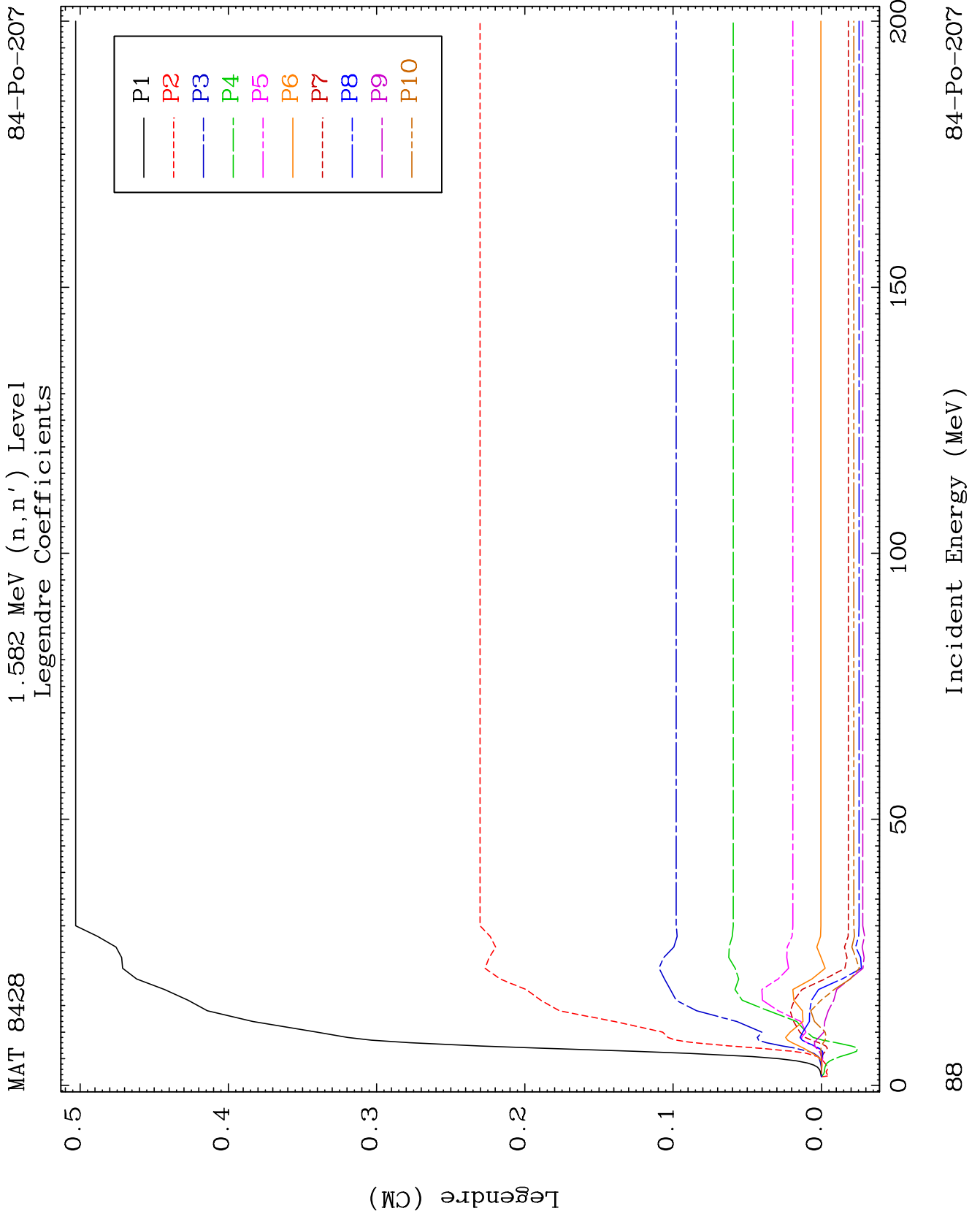
84-Po-207

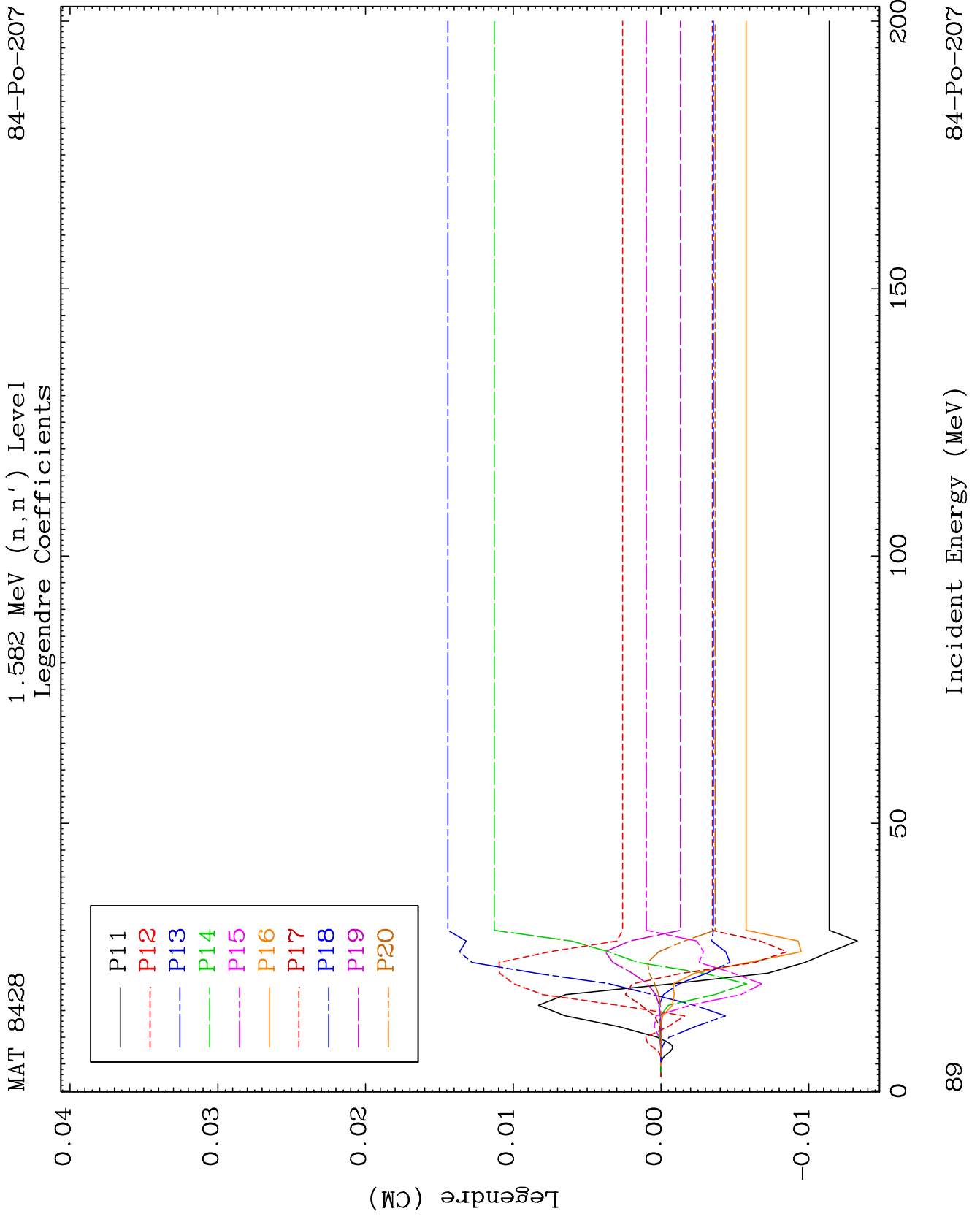


87

Incident Energy (MeV)

84-Po-207

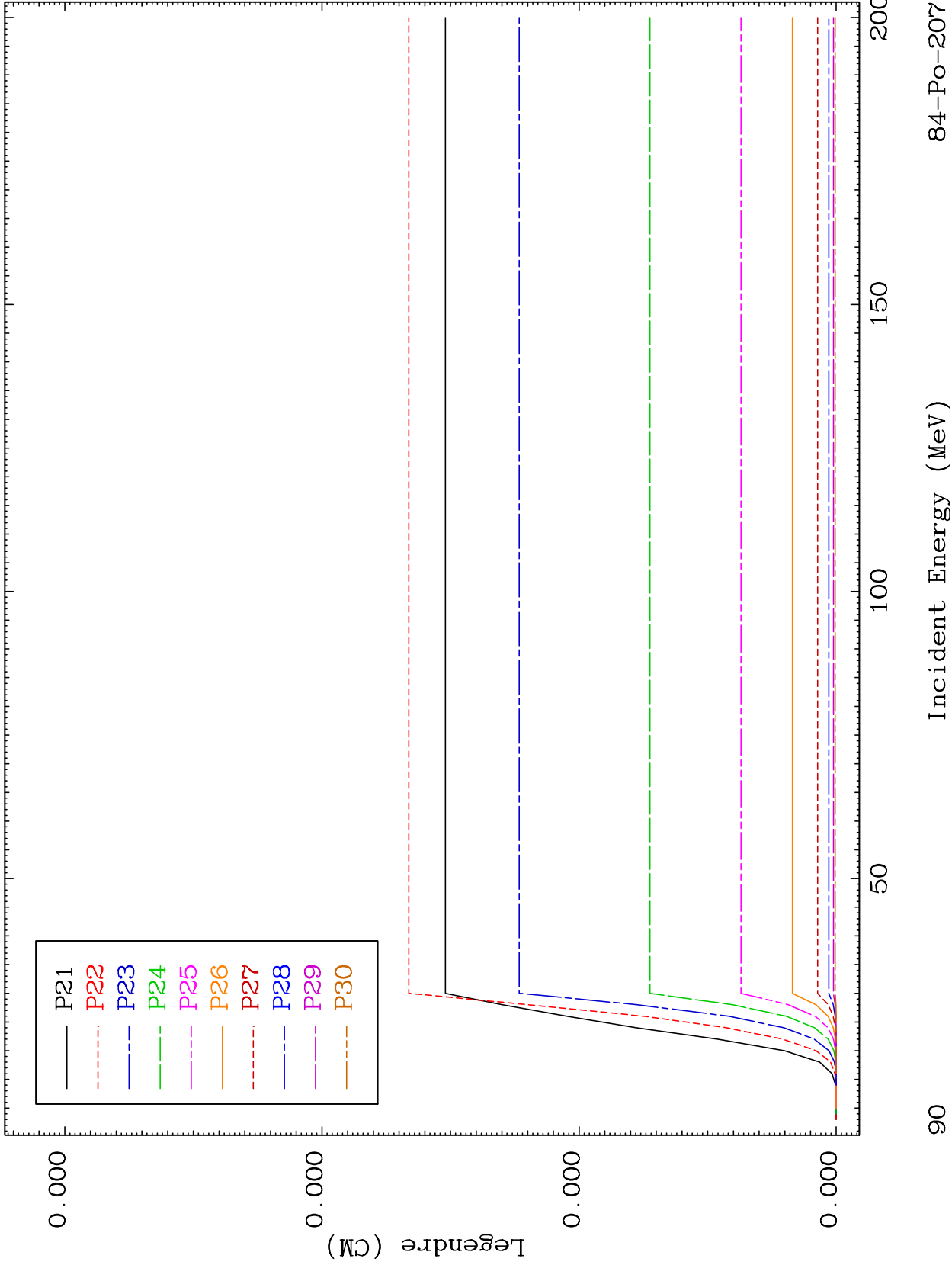




MAT 8428

1.582 MeV (n,n') Level
Legendre Coefficients

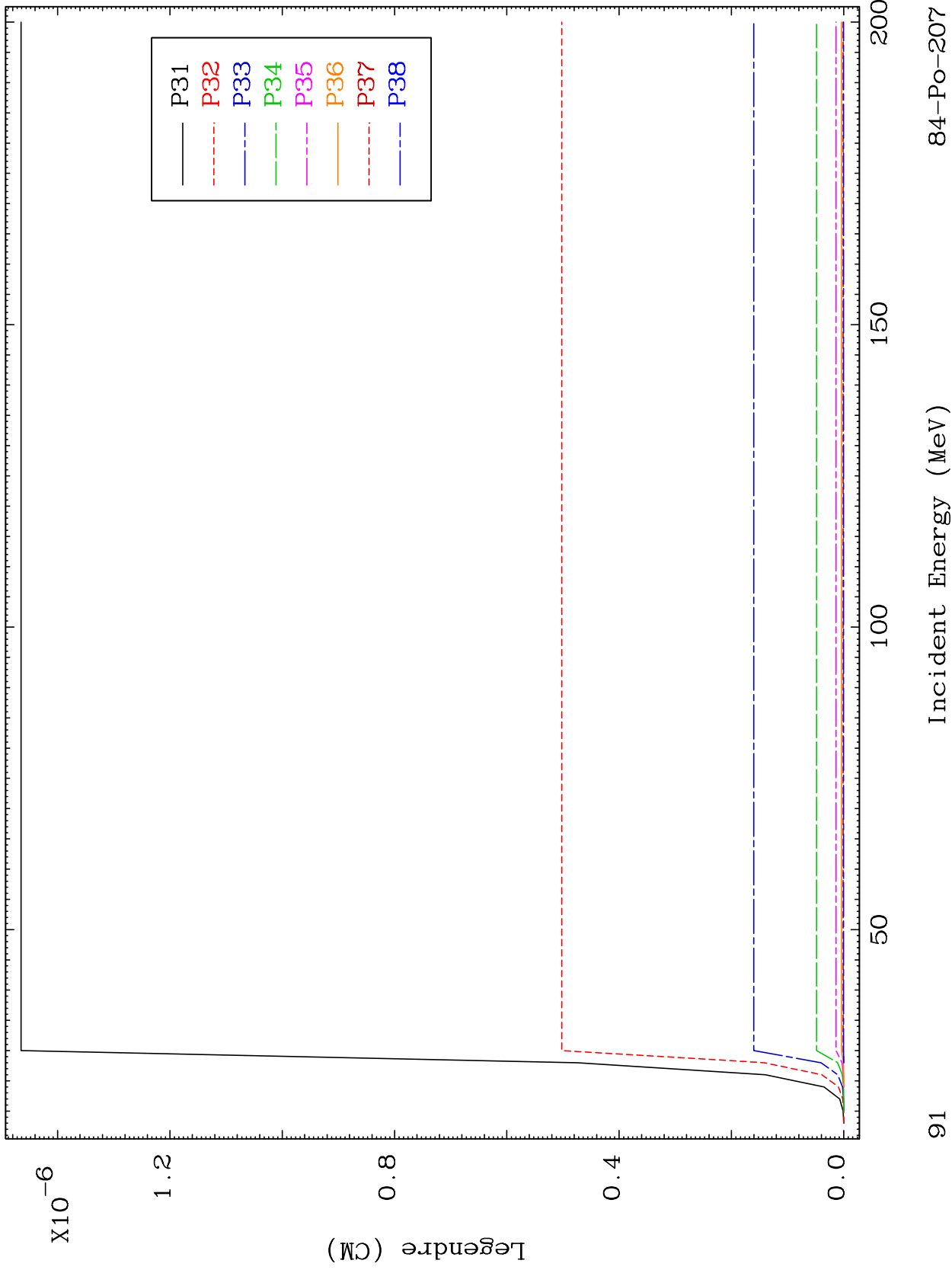
84-Po-207



MAT 8428

1.582 MeV (n,n') Level
Legendre Coefficients

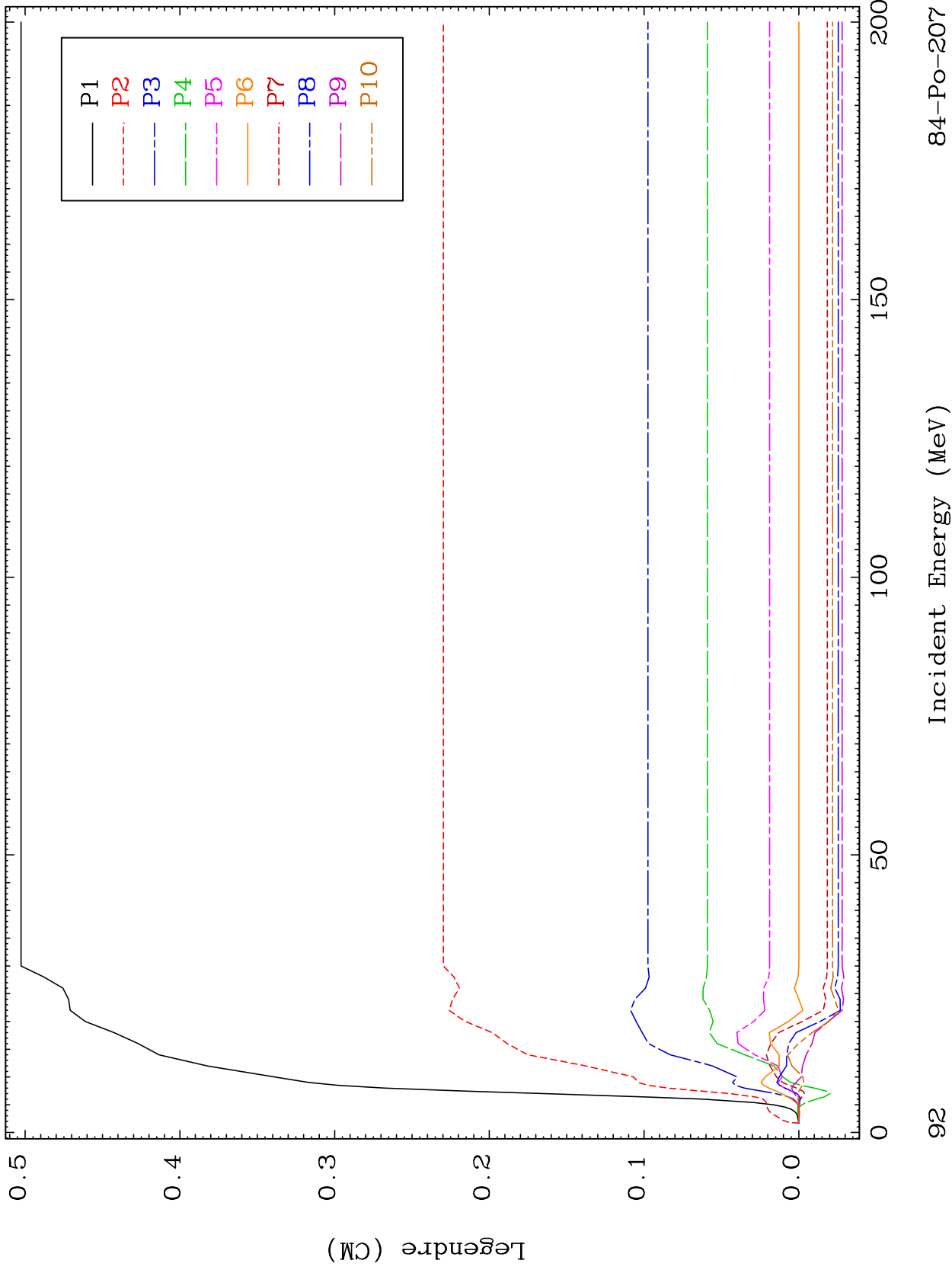
84-Po-207



MAT 8428

1.677 MeV (n,n') Level
Legendre Coefficients

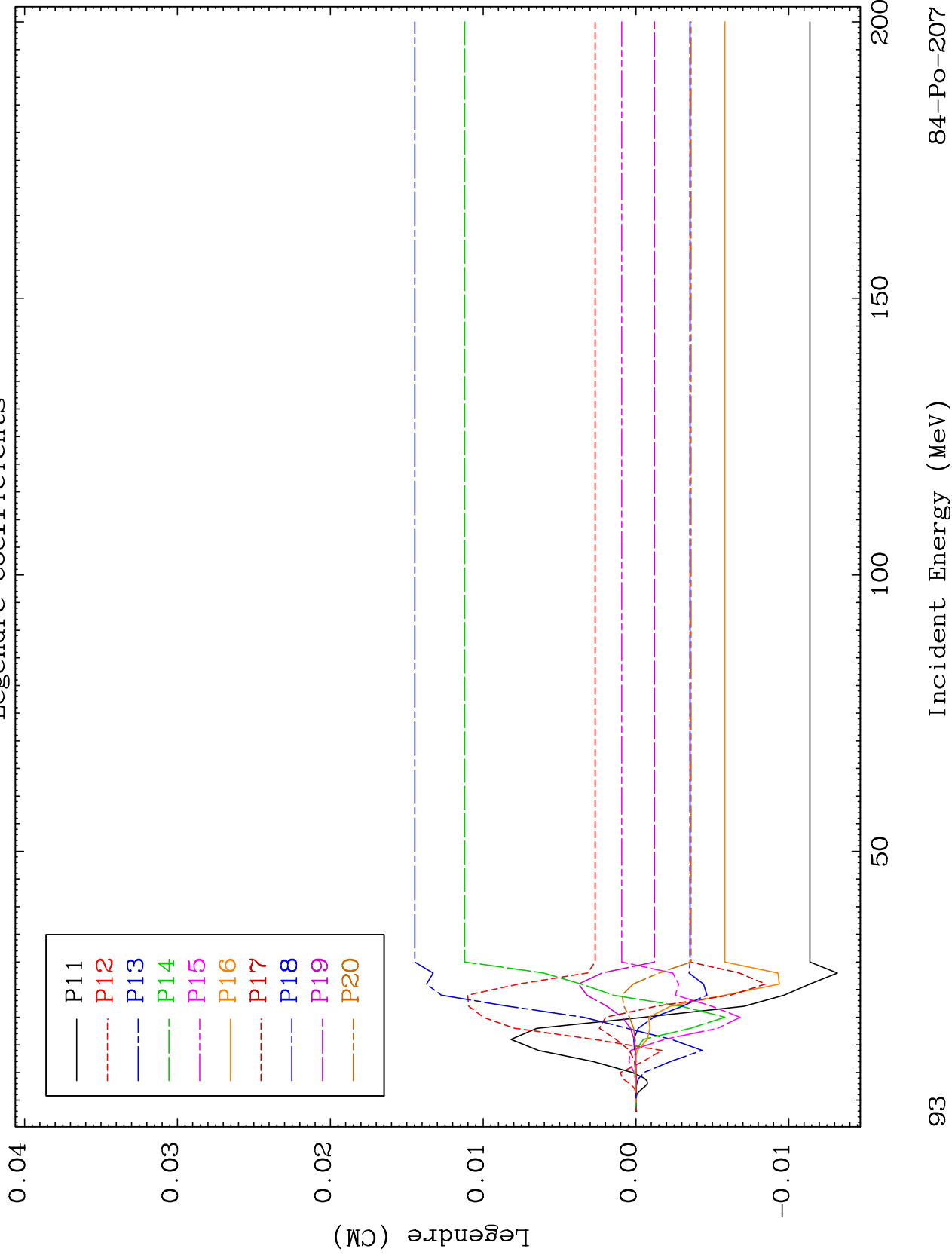
84-Po-207



MAT 8428

1.677 MeV (n, n') Level
Legendre Coefficients

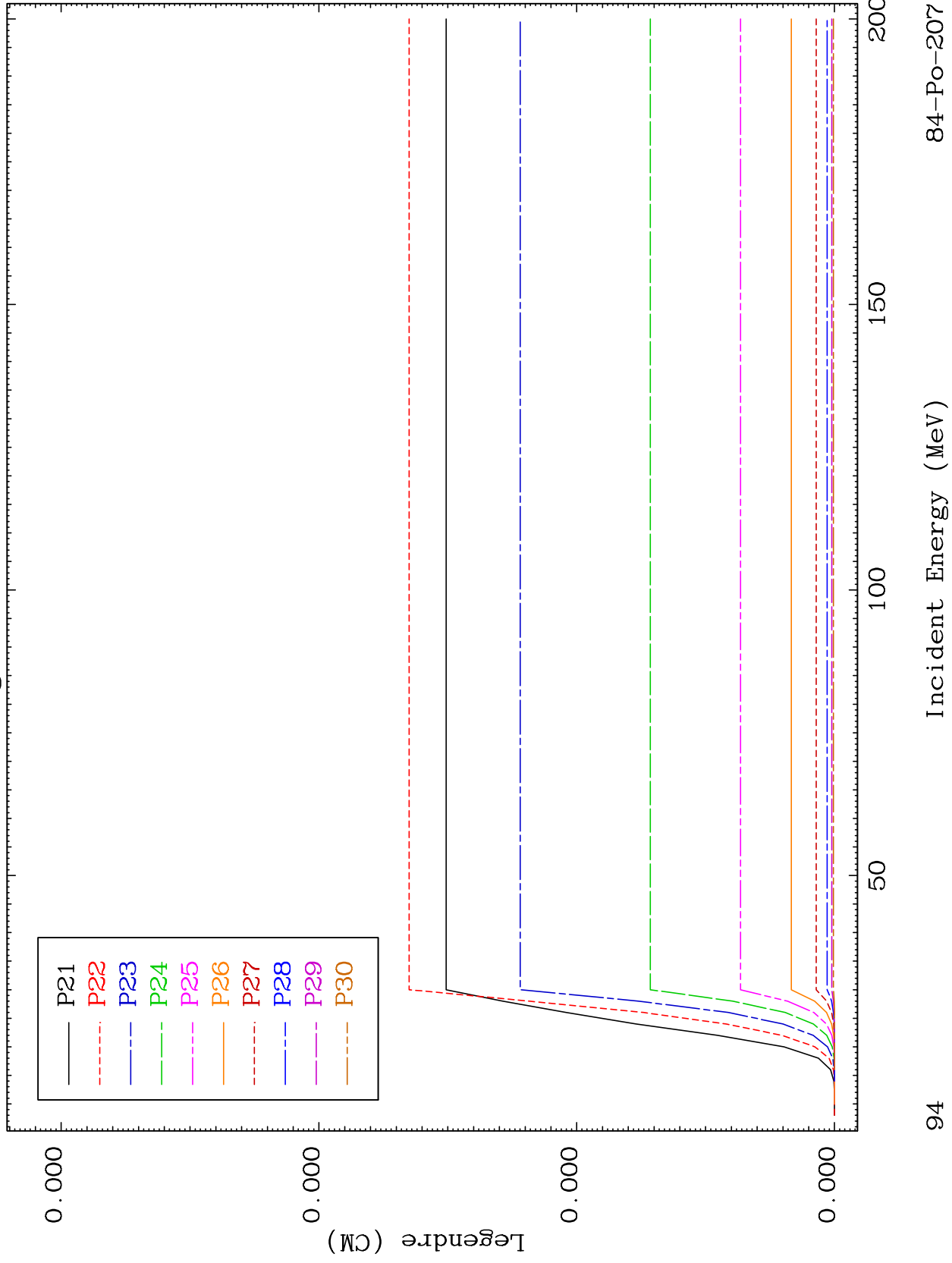
84-Po-207



MAT 8428

1.677 MeV (n, n') Level
Legendre Coefficients

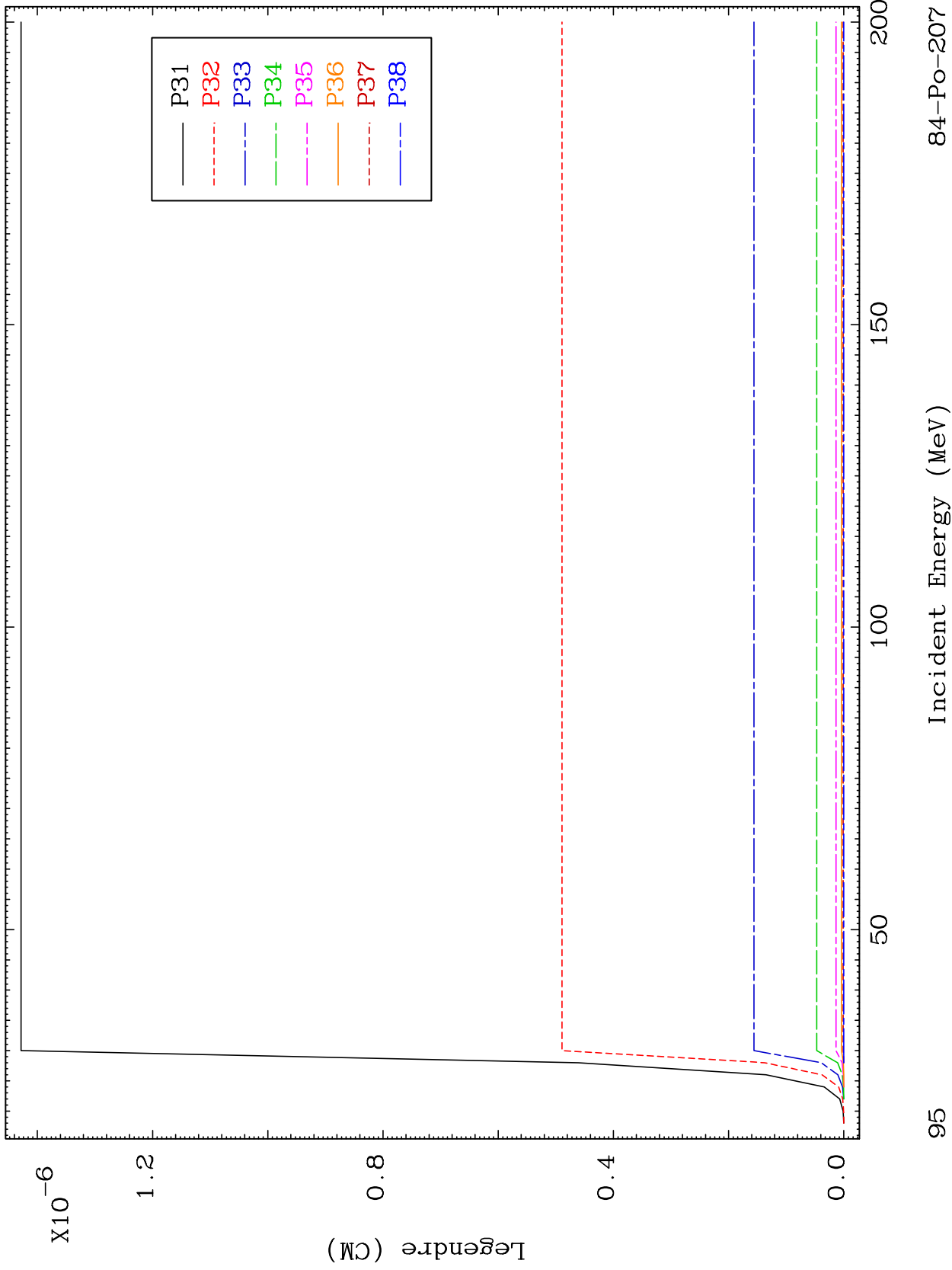
84-Po-207



MAT 8428

1.677 MeV (n, n') Level
Legendre Coefficients

84-Po-207

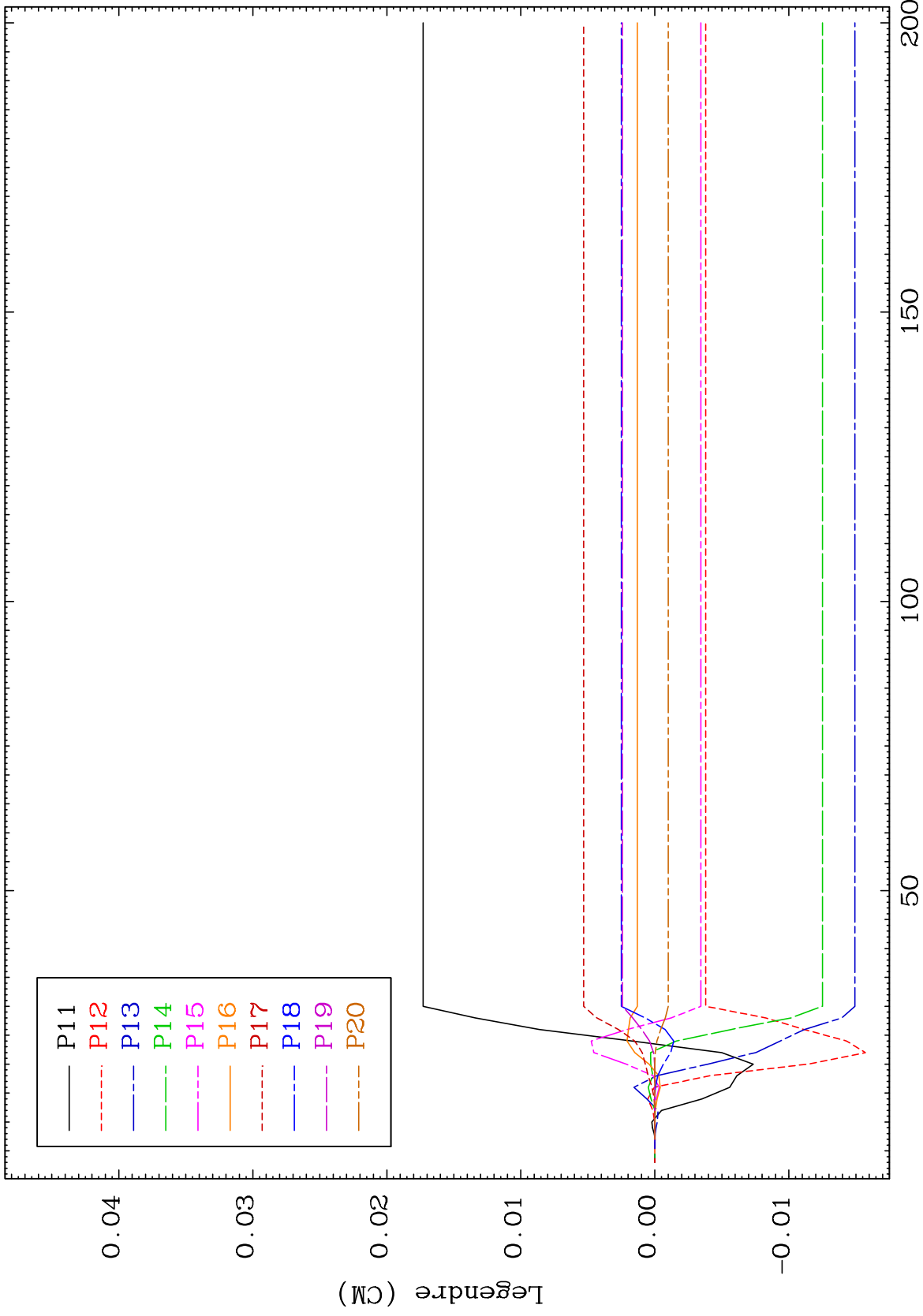


95

MAT 8428

1.691 MeV (n,n') Level
Legendre Coefficients

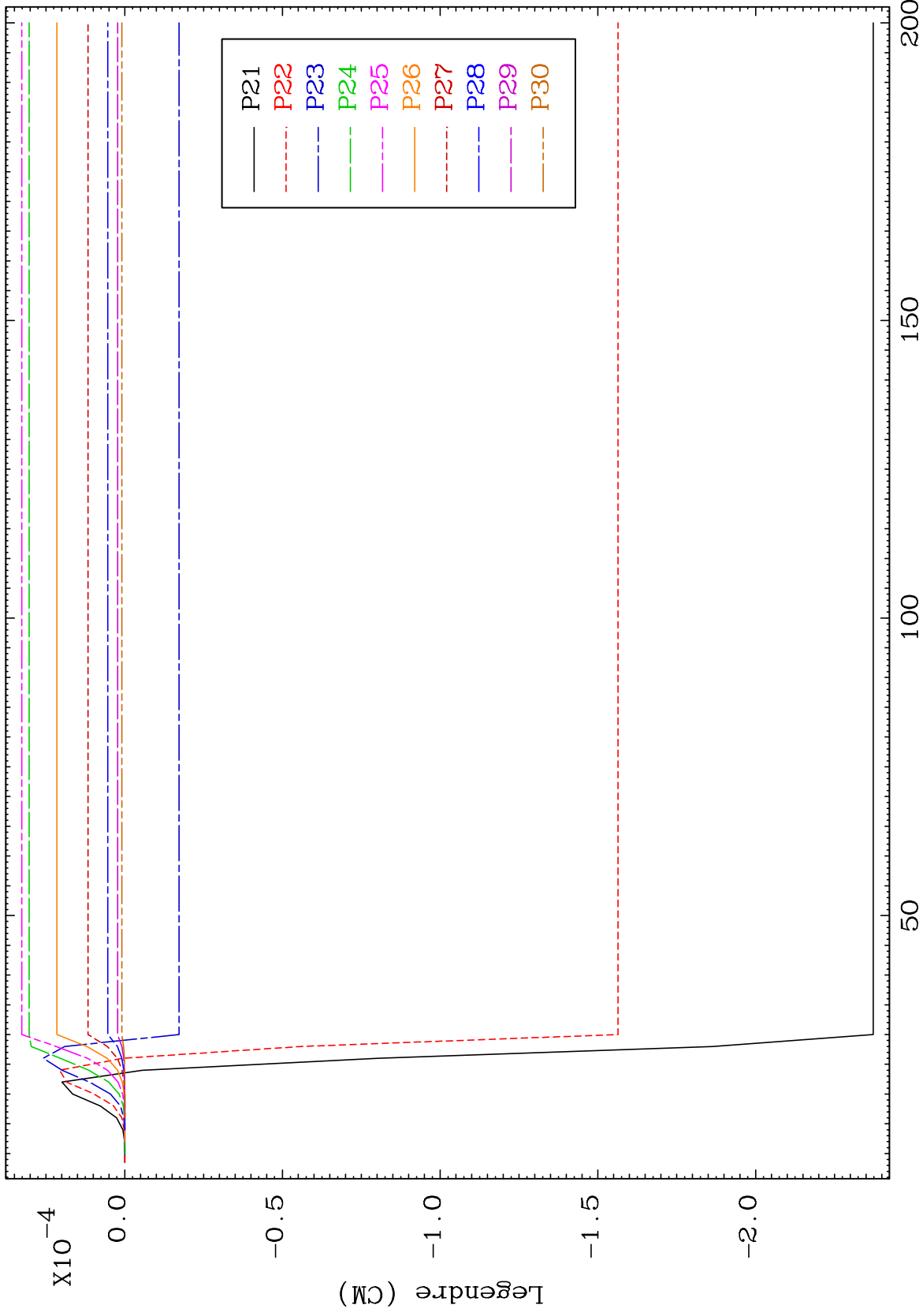
84-Po-207



97

Incident Energy (MeV)

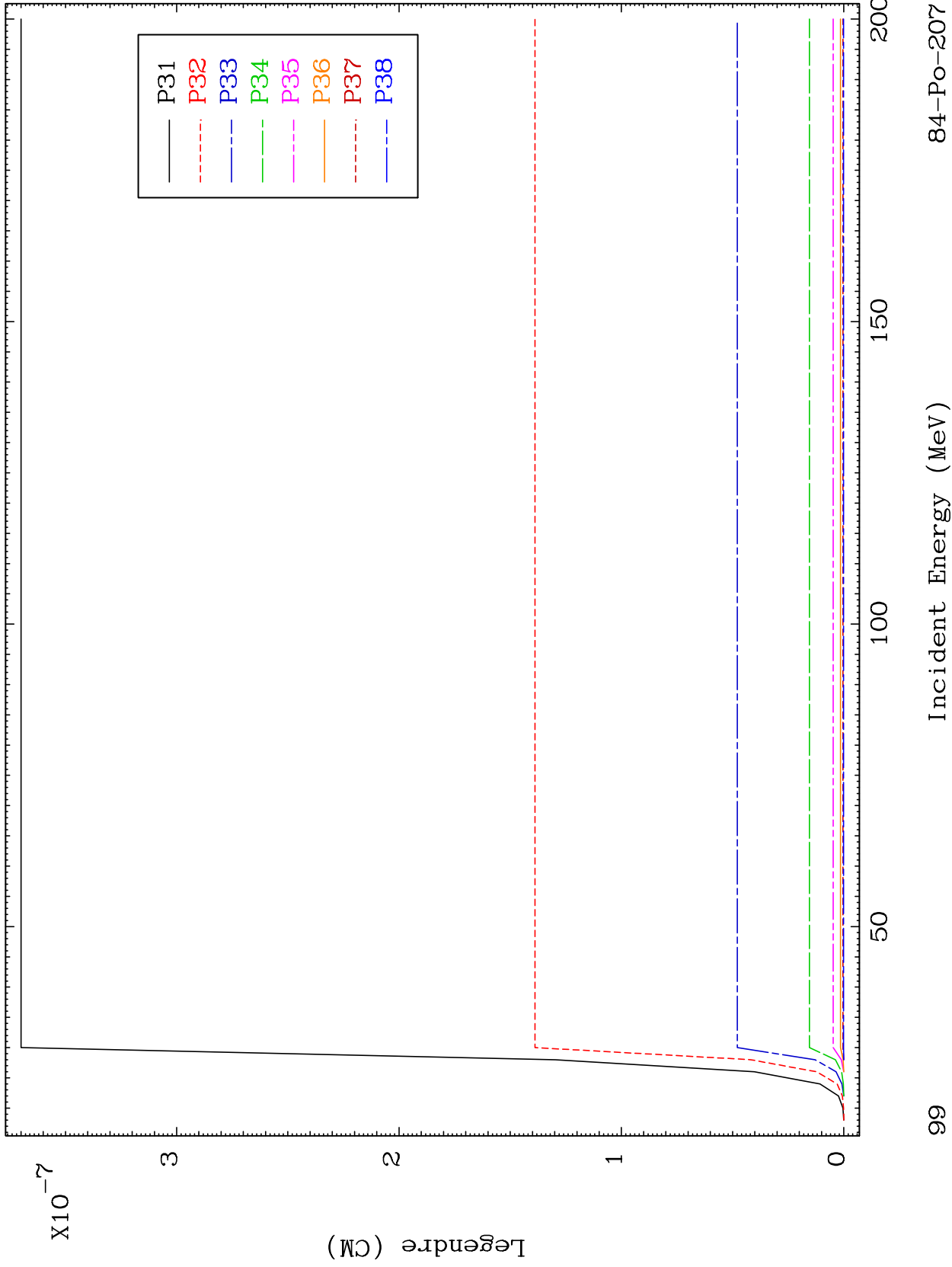
84-Po-207

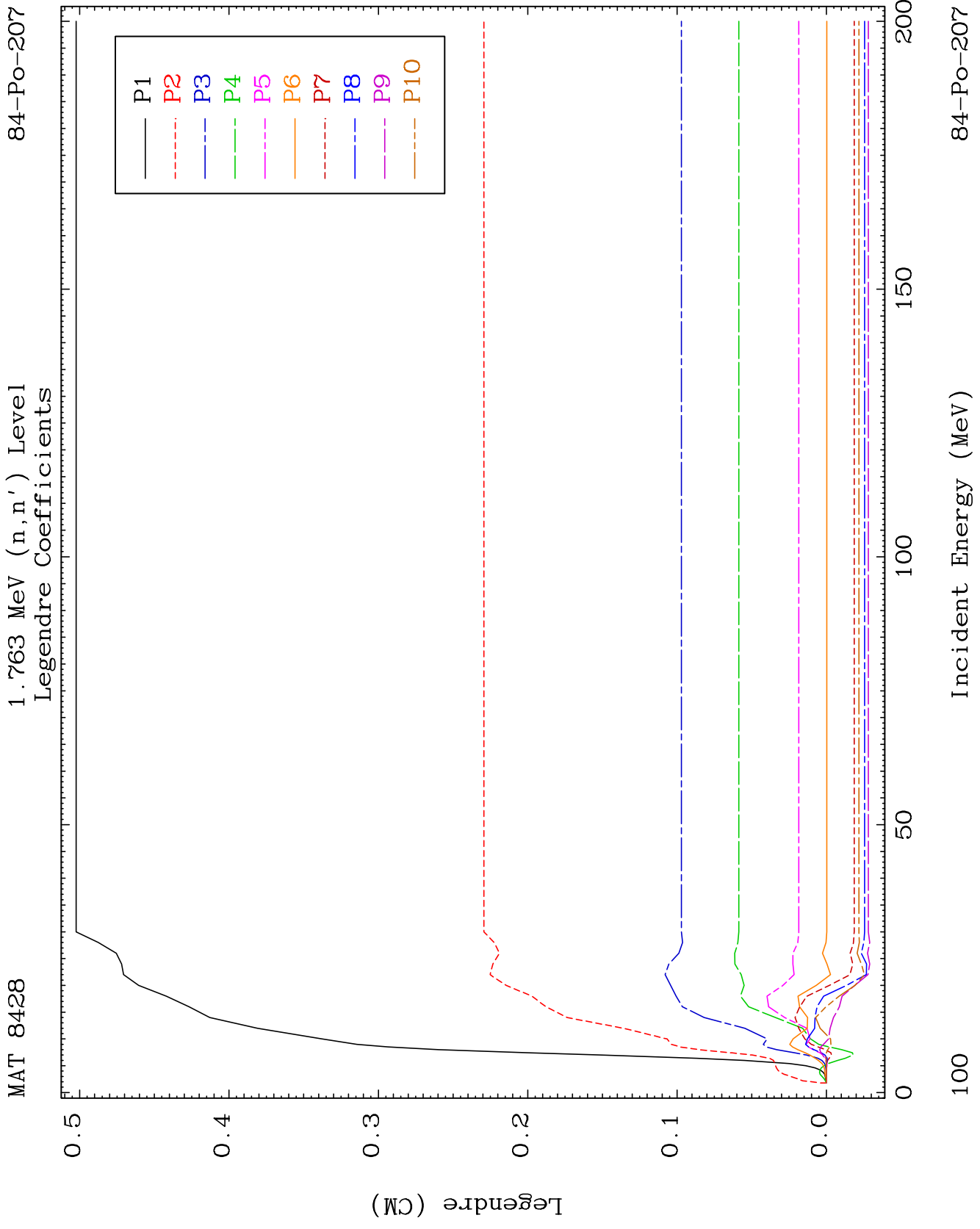


MAT 8428

1.691 MeV (n,n') Level
Legendre Coefficients

84-Po-207

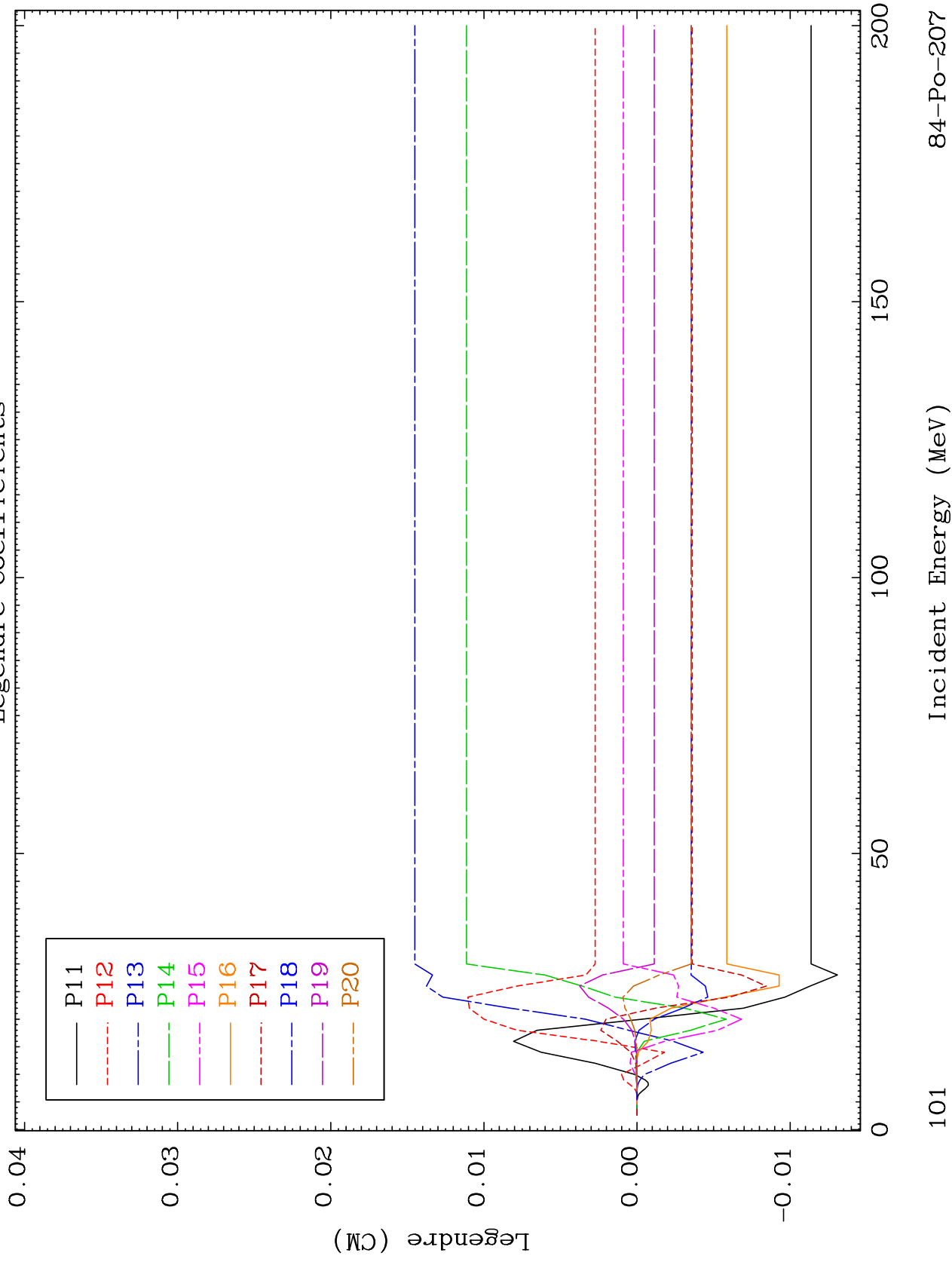




MAT 8428

1.763 MeV (n,n') Level
Legendre Coefficients

84-Po-207



101

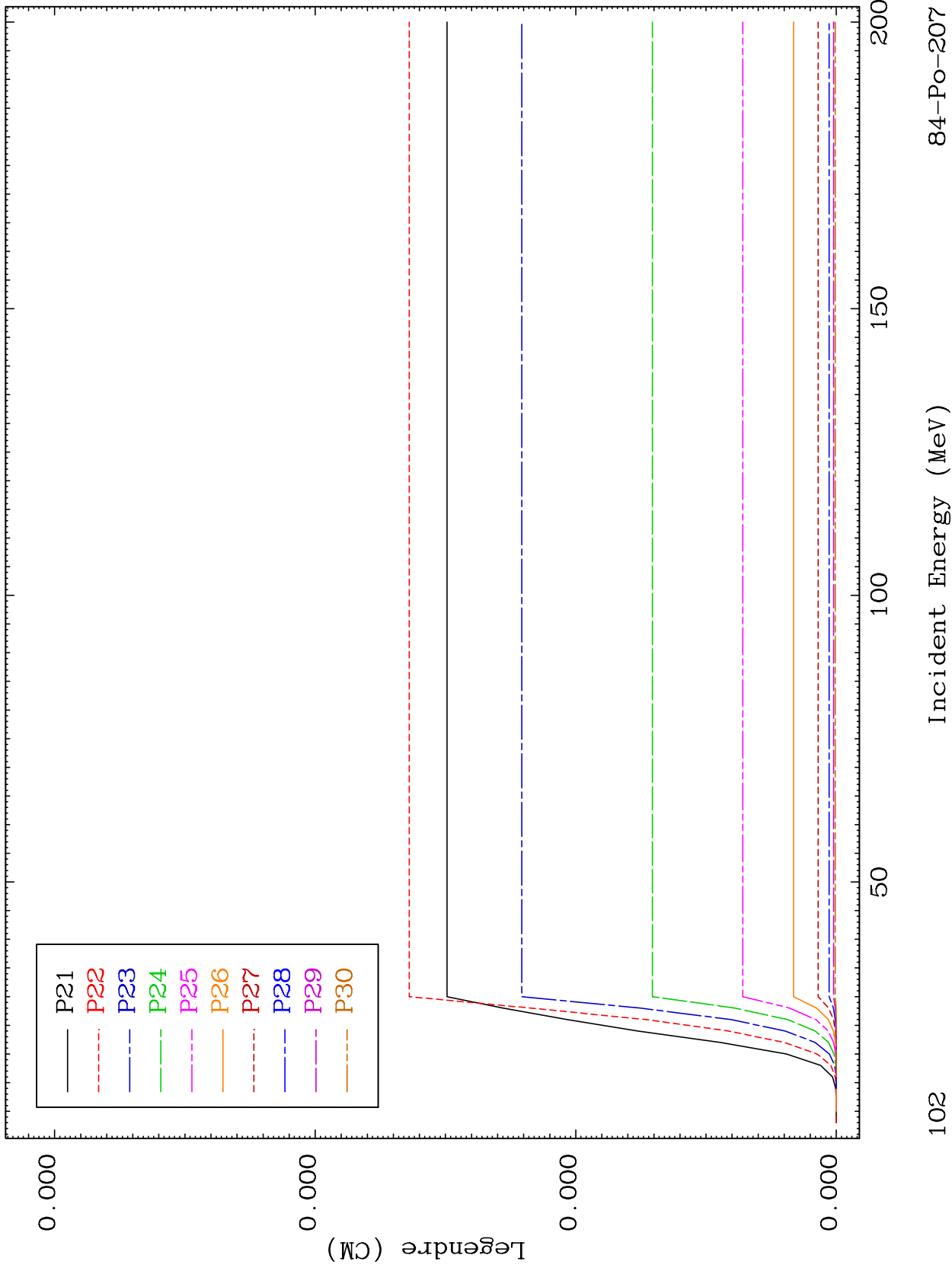
Incident Energy (MeV)

84-Po-207

MAT 8428

1.763 MeV (n,n') Level
Legendre Coefficients

84-Po-207

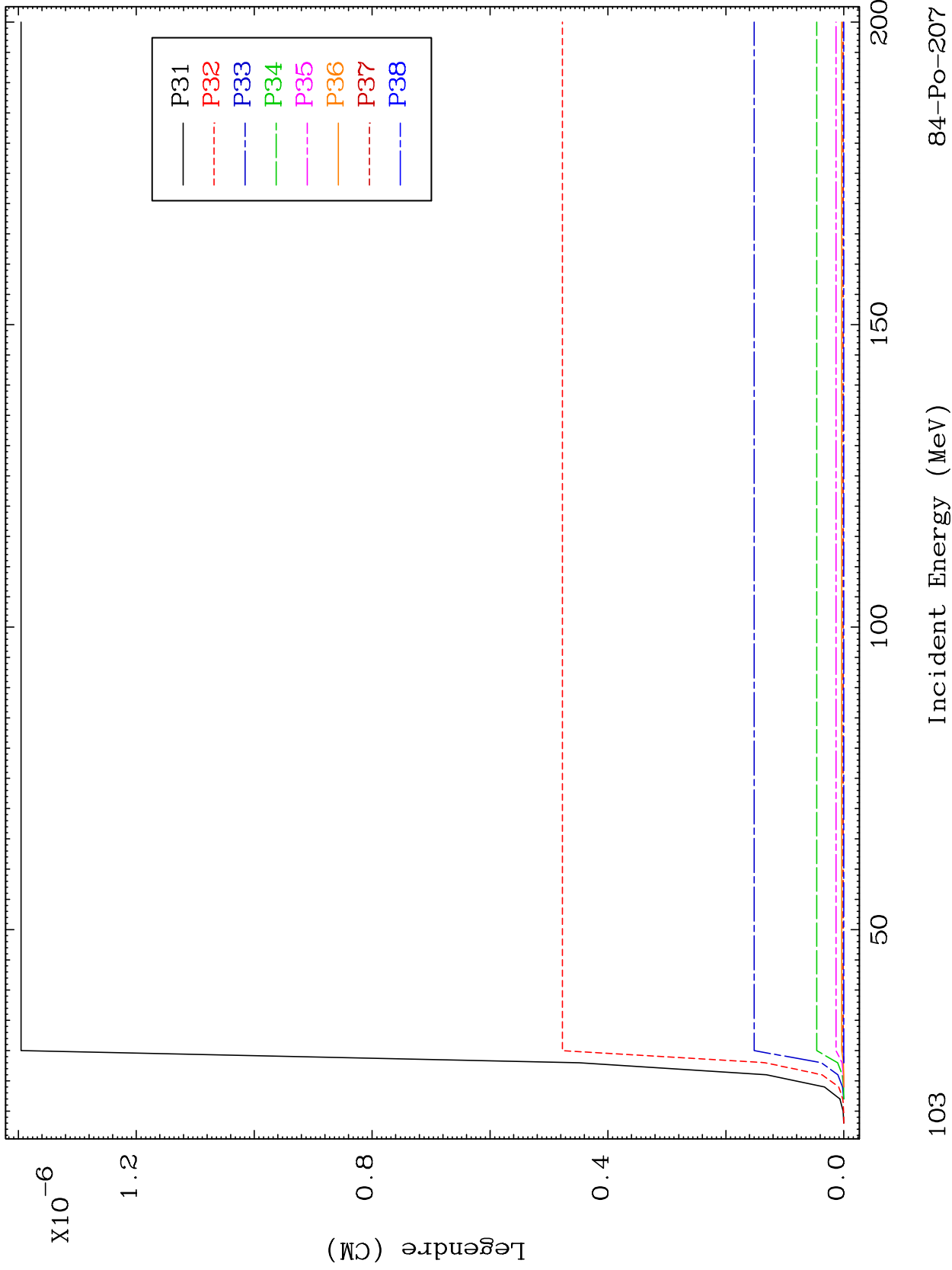


102

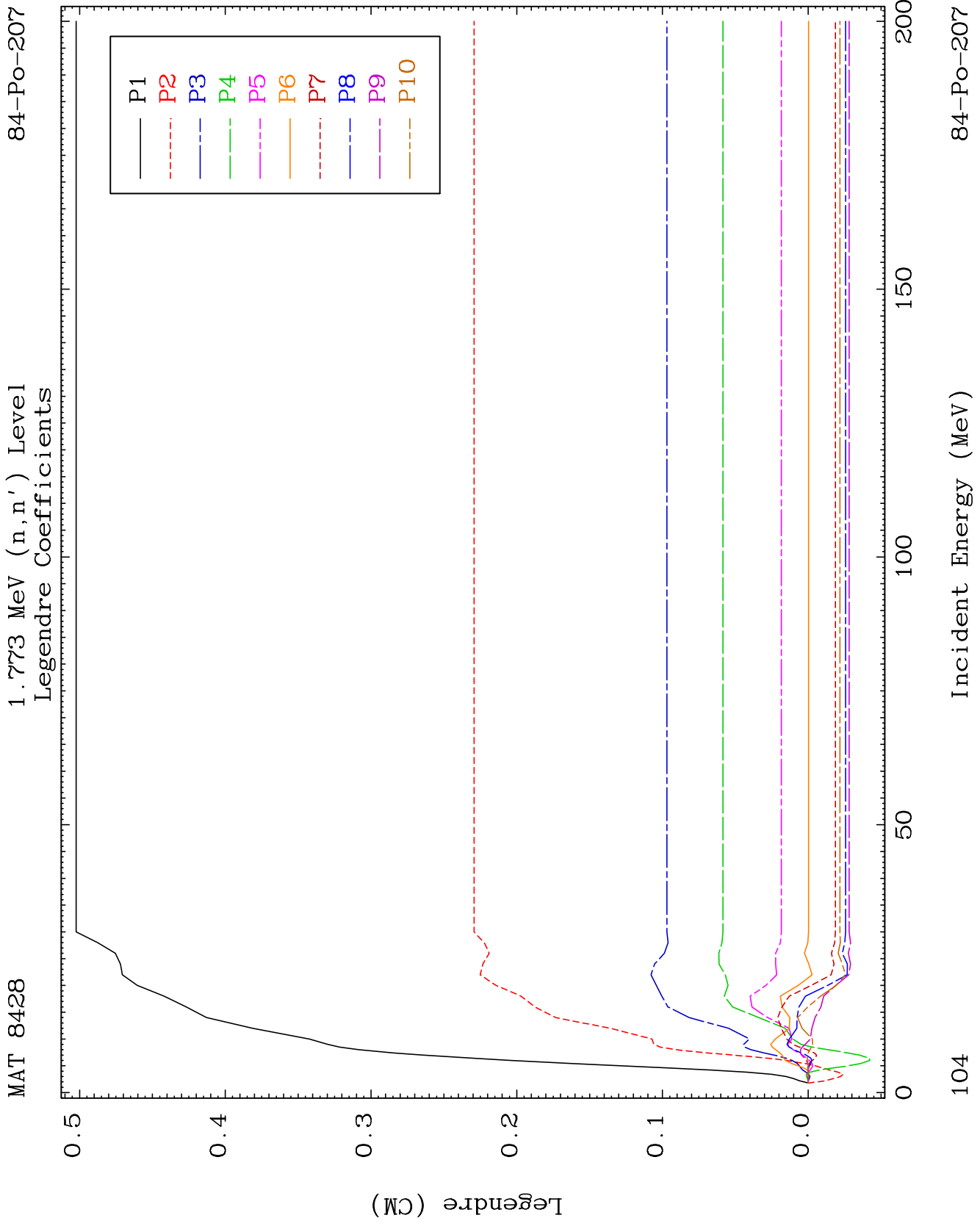
MAT 8428

1.763 MeV (n,n') Level
Legendre Coefficients

84-Po-207



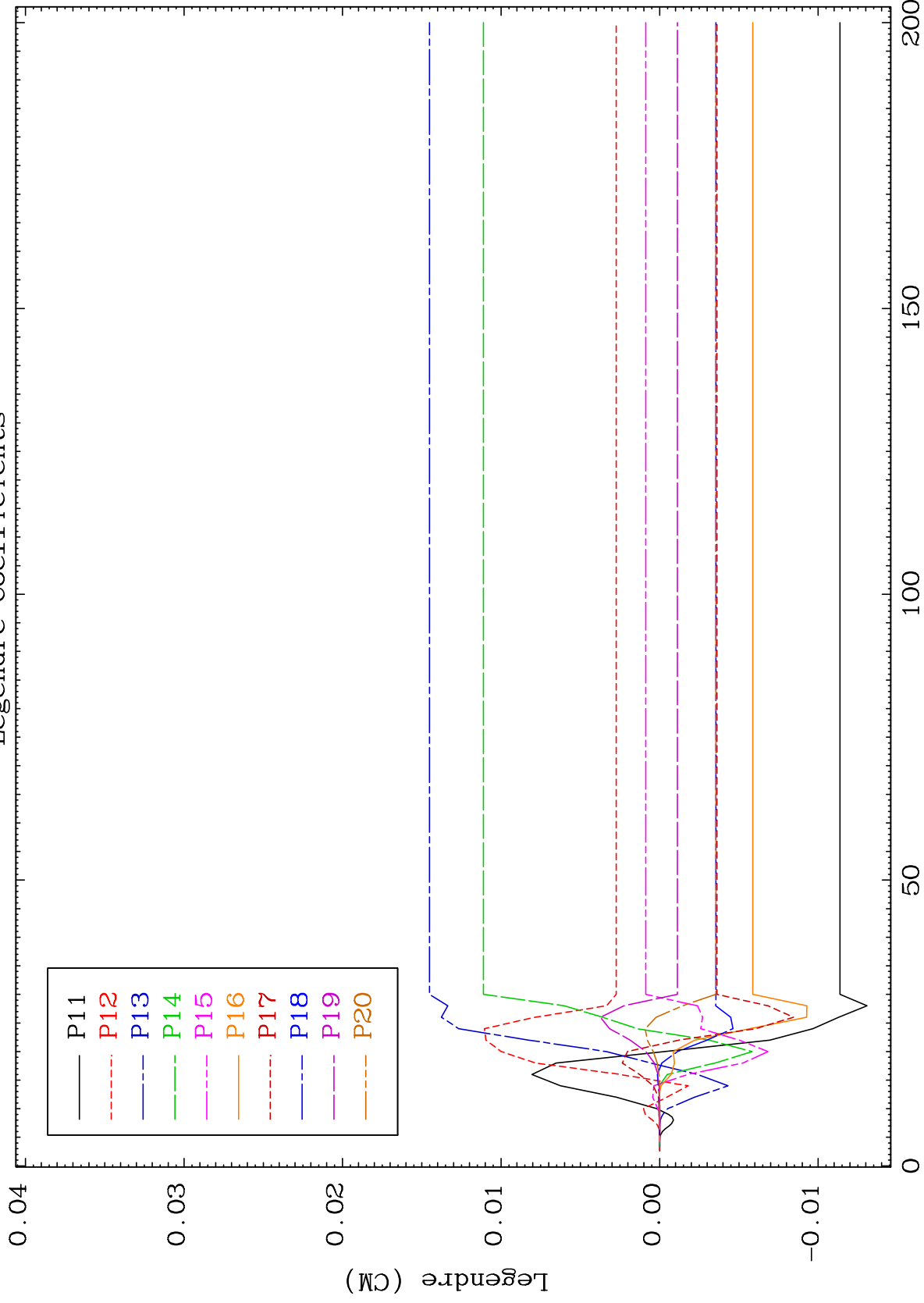
103



MAT 8428

1.773 MeV (n, n') Level
Legendre Coefficients

84-Po-207



105

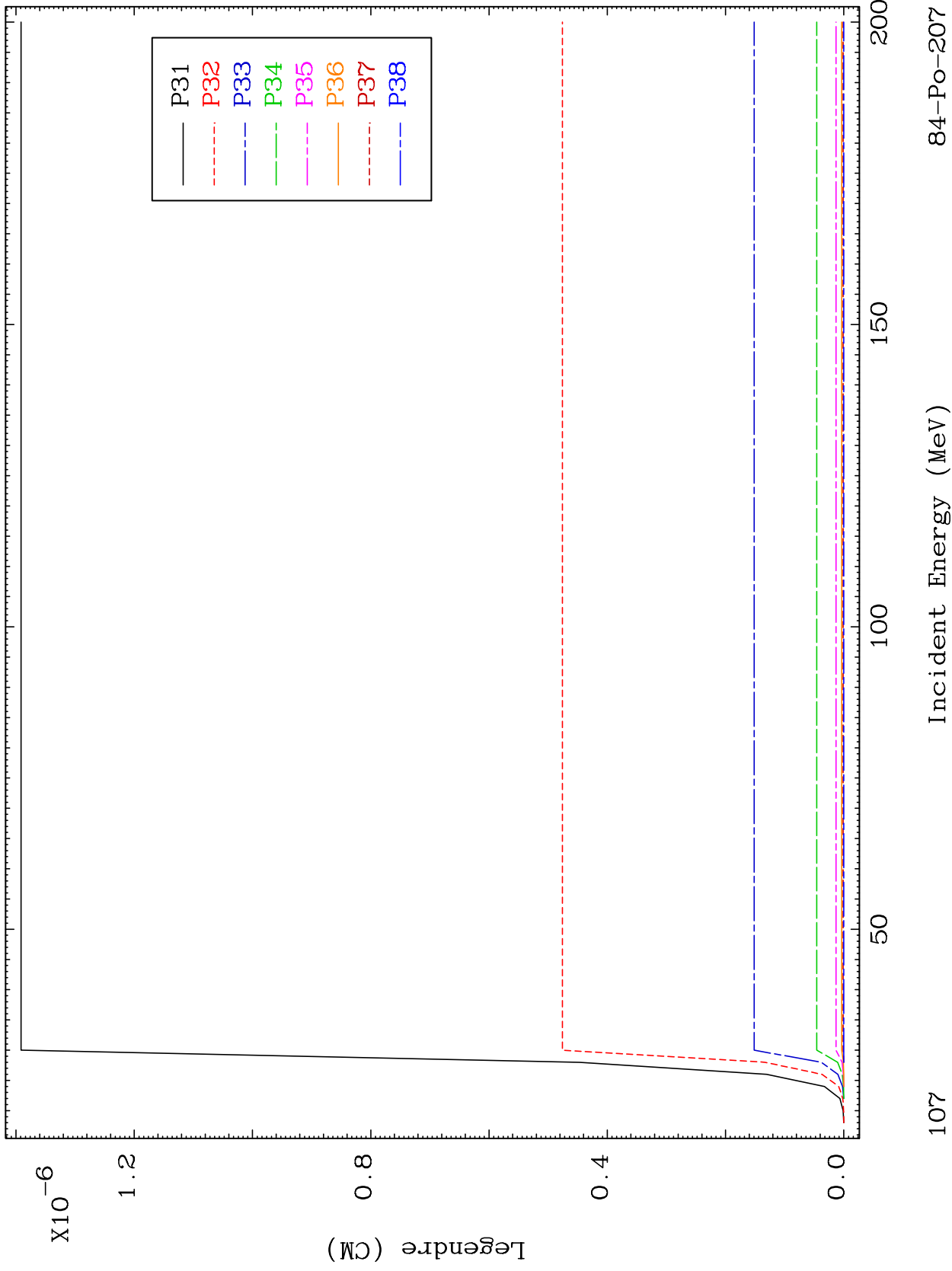
Incident Energy (MeV)

84-Po-207

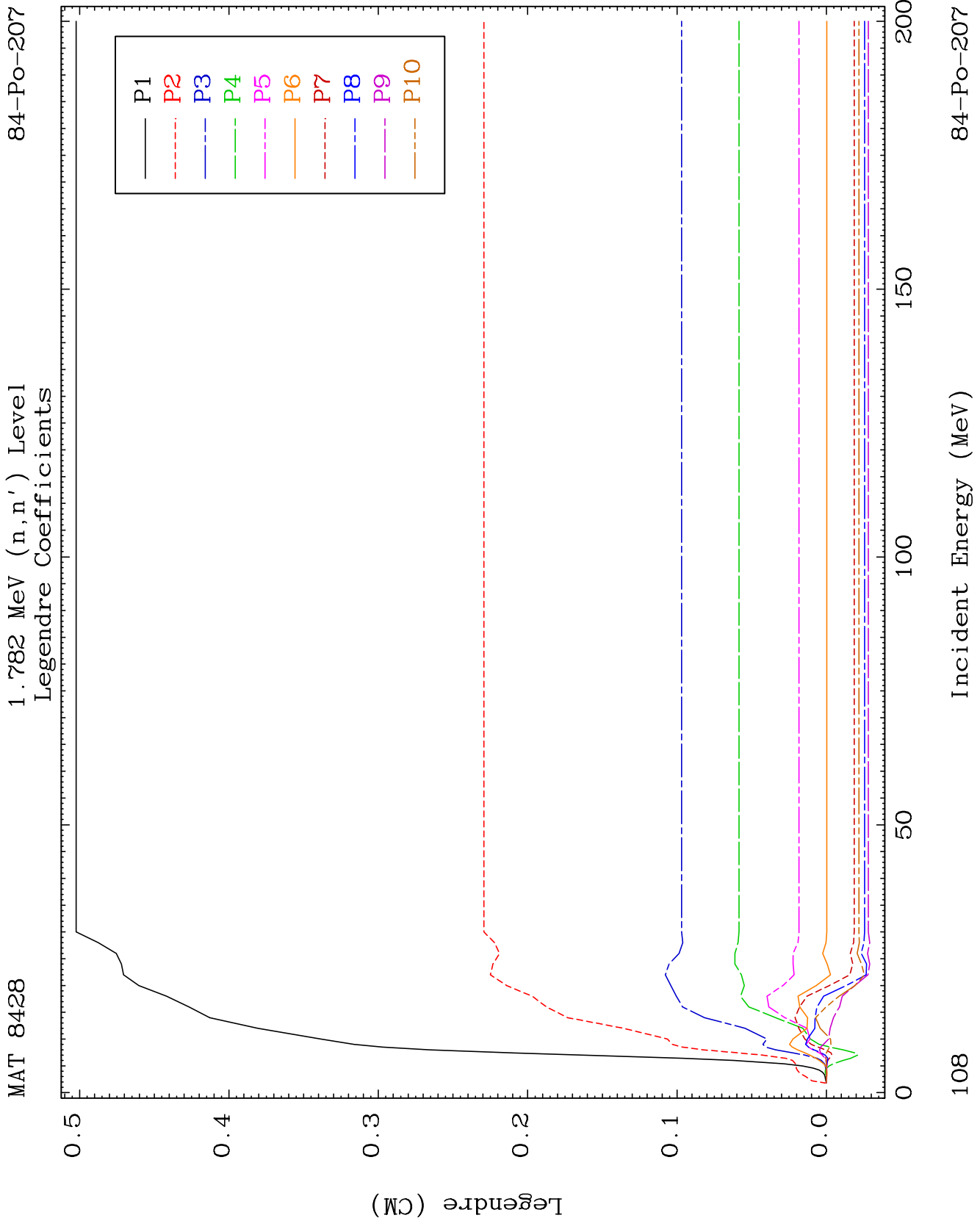
MAT 8428

1.773 MeV (n,n') Level
Legendre Coefficients

84-Po-207



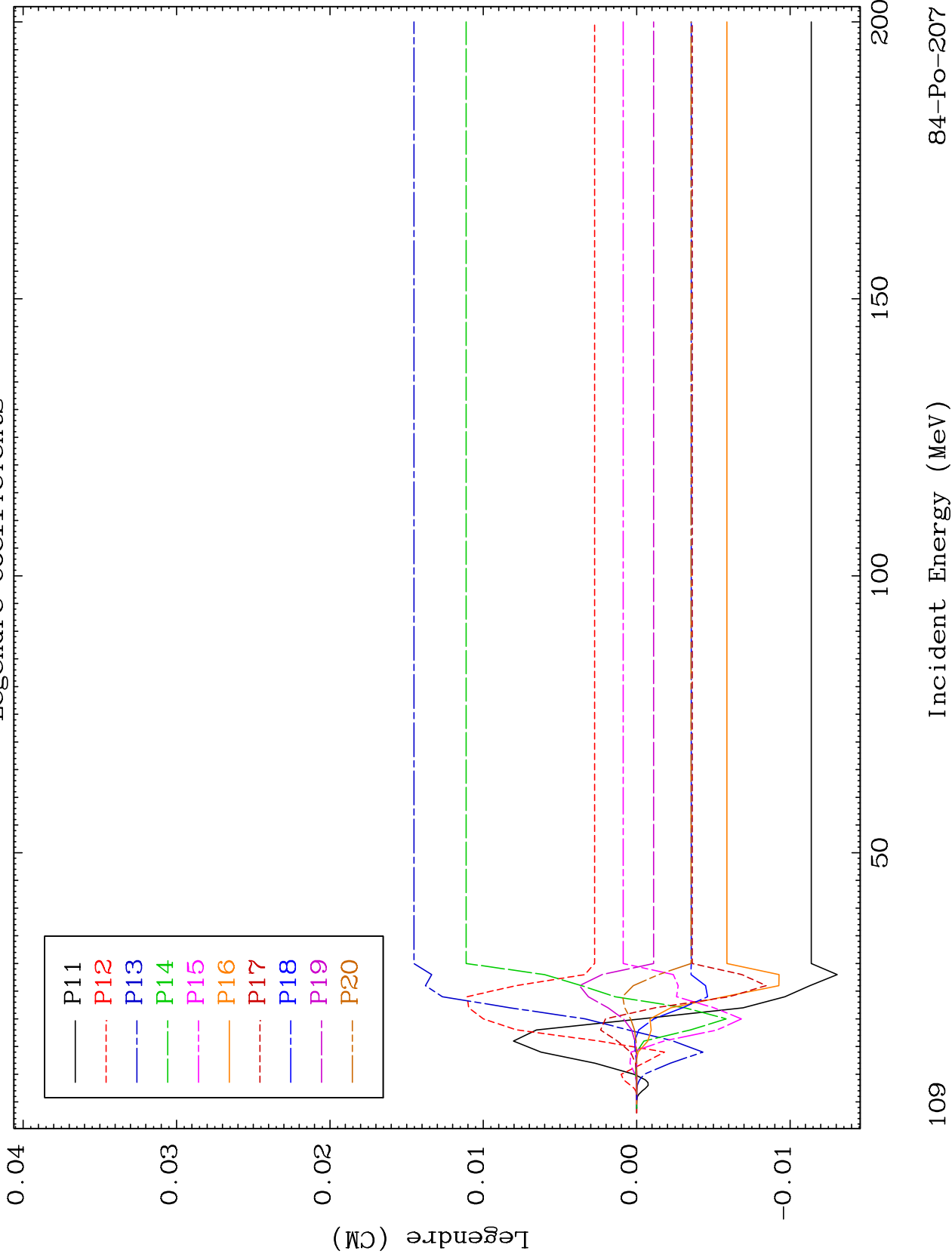
84-Po-207



MAT 8428

1.782 MeV (n, n') Level
Legendre Coefficients

84-Po-207



109

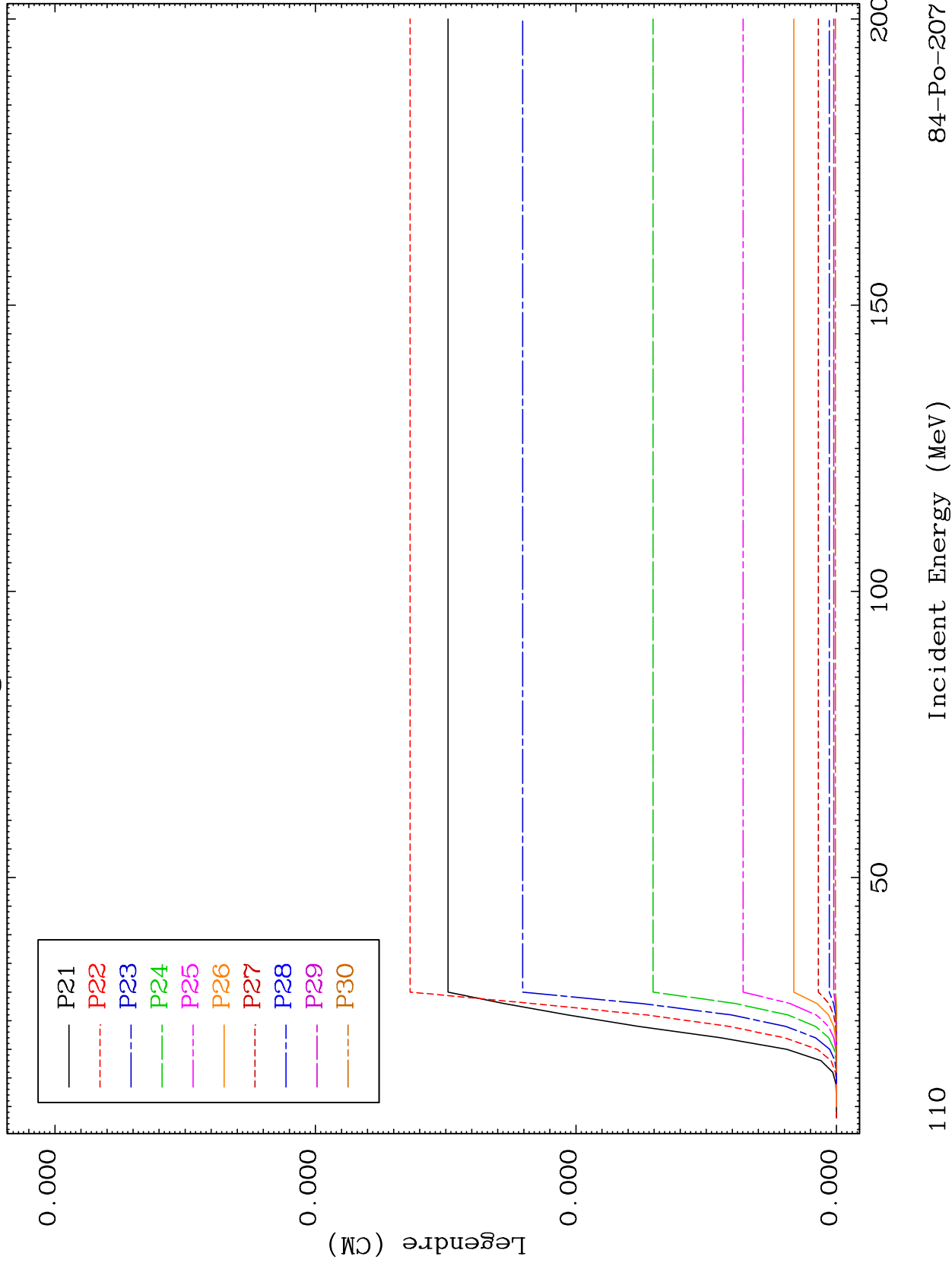
Incident Energy (MeV)

84-Po-207

MAT 8428

1.782 MeV (n,n') Level
Legendre Coefficients

84-Po-207



110

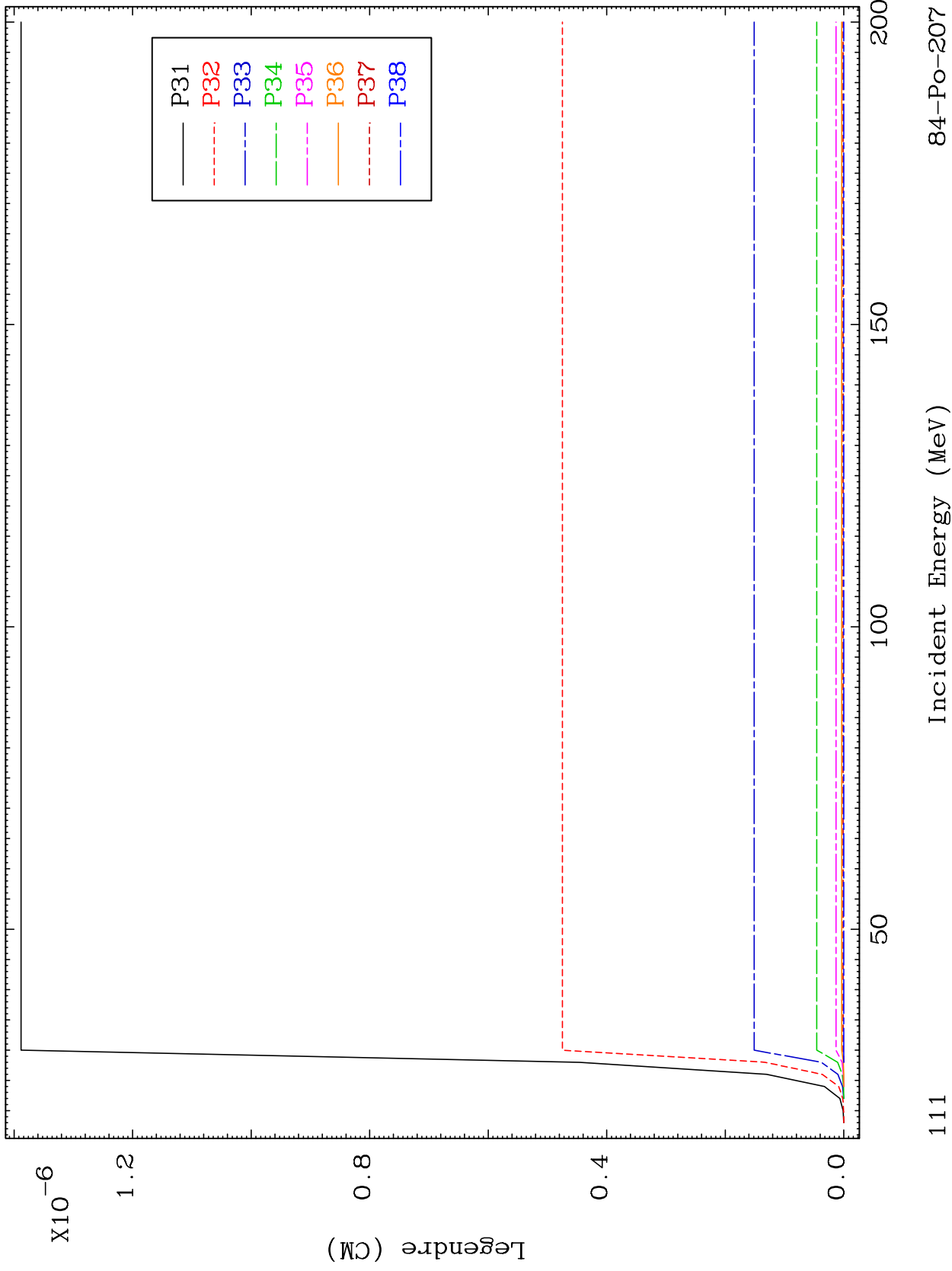
Incident Energy (MeV)

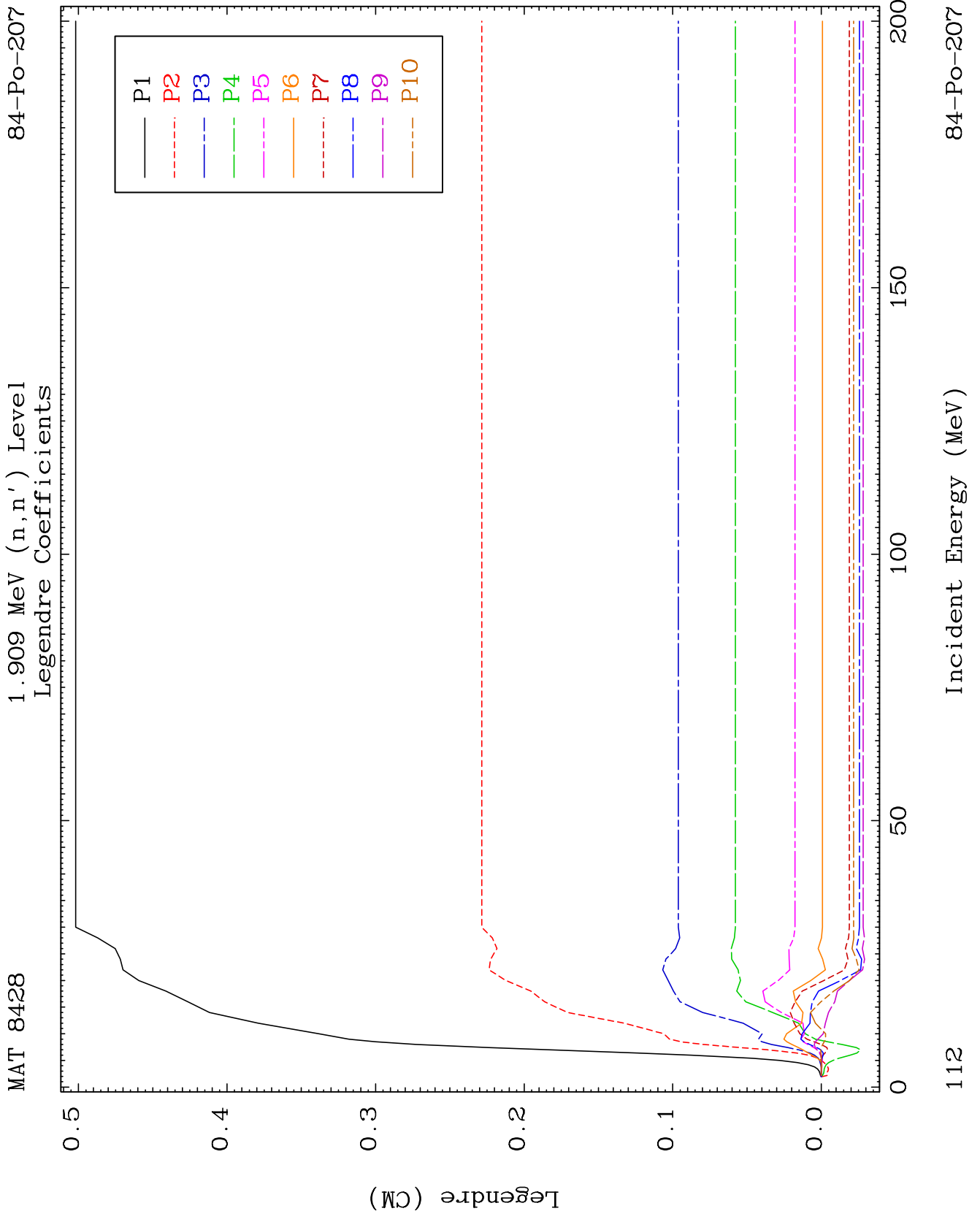
84-Po-207

MAT 8428

1.782 MeV (n,n') Level
Legendre Coefficients

84-Po-207

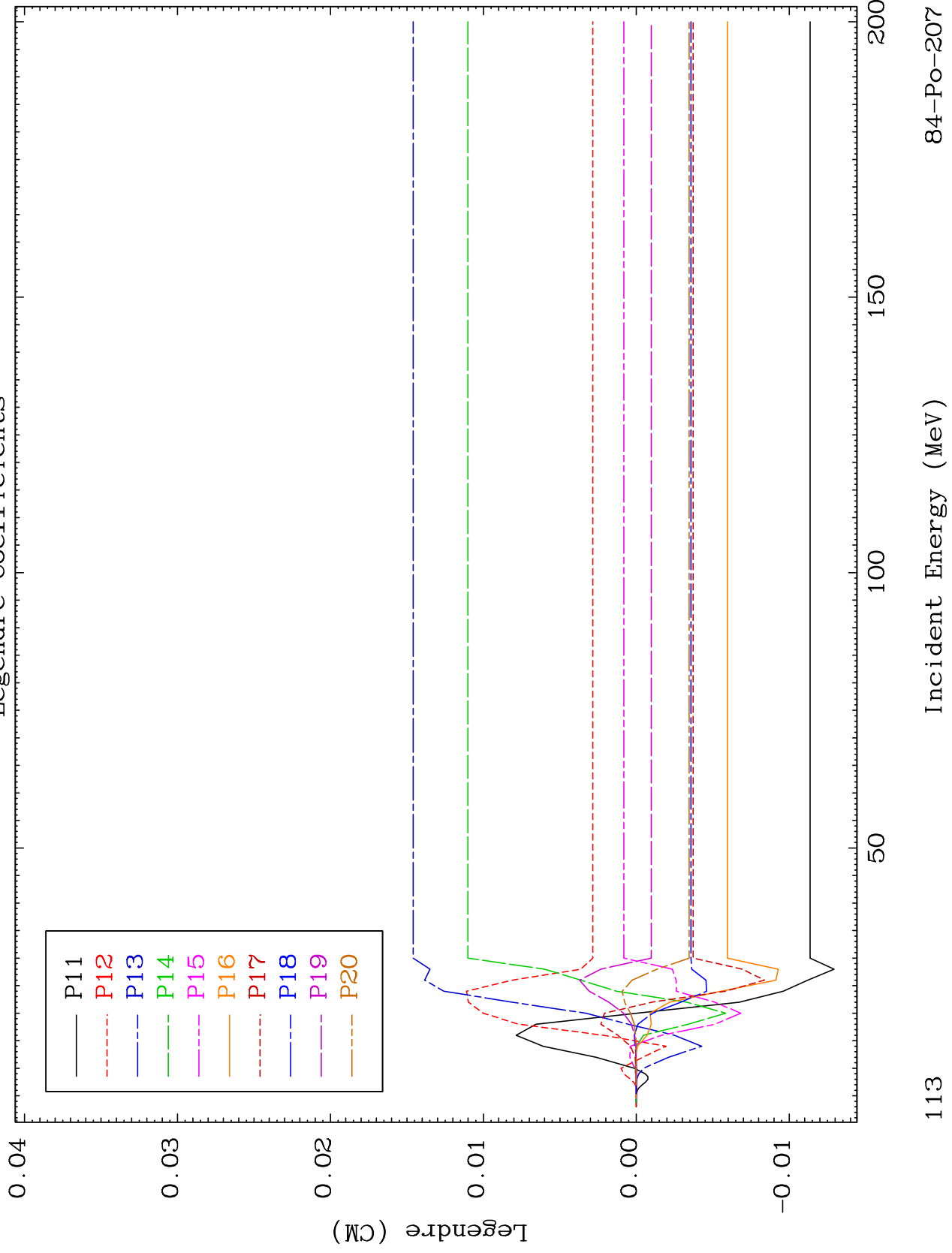




MAT 8428

1.909 MeV (n, n') Level
Legendre Coefficients

84-Po-207



113

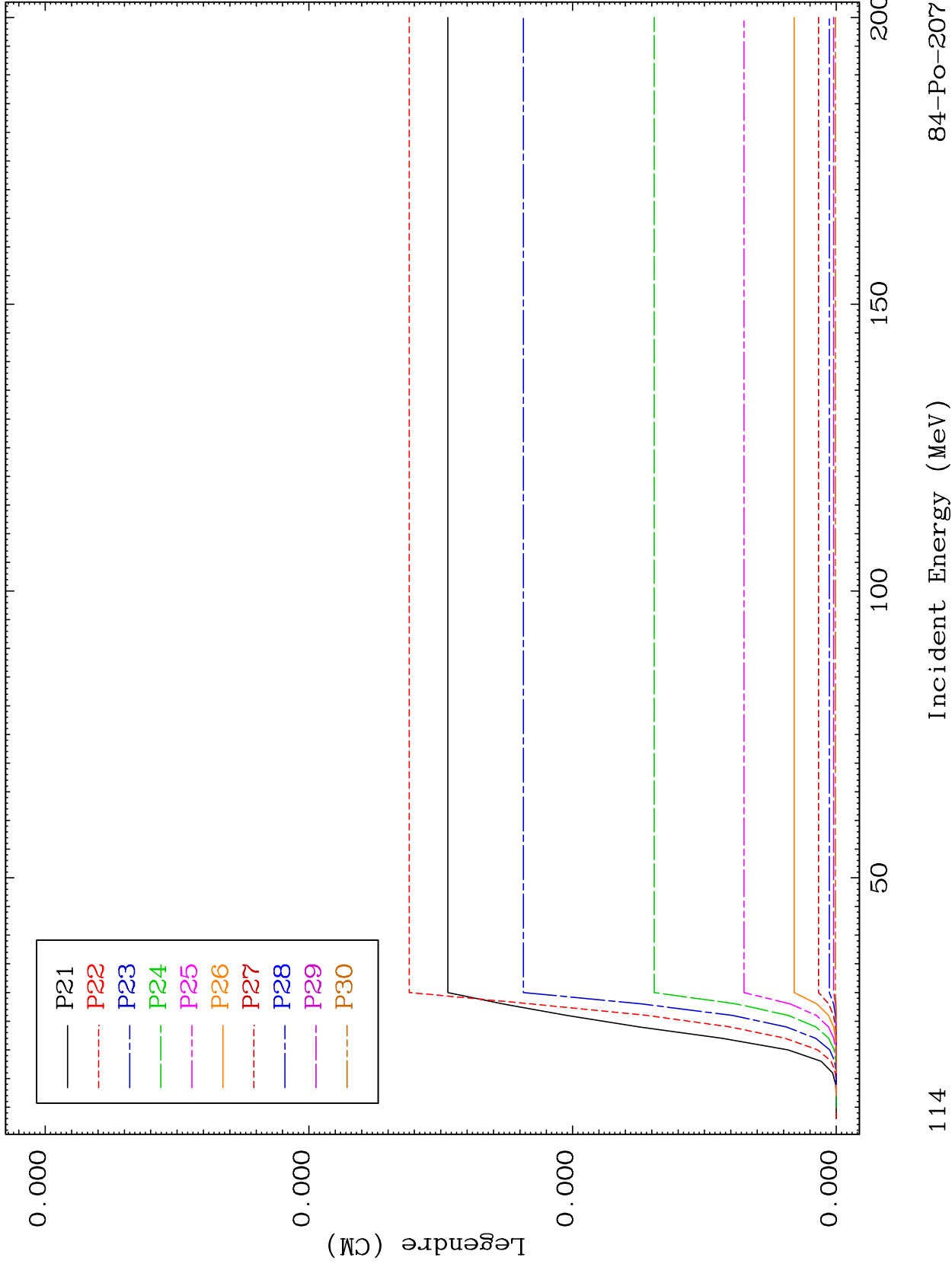
Incident Energy (MeV)

84-Po-207

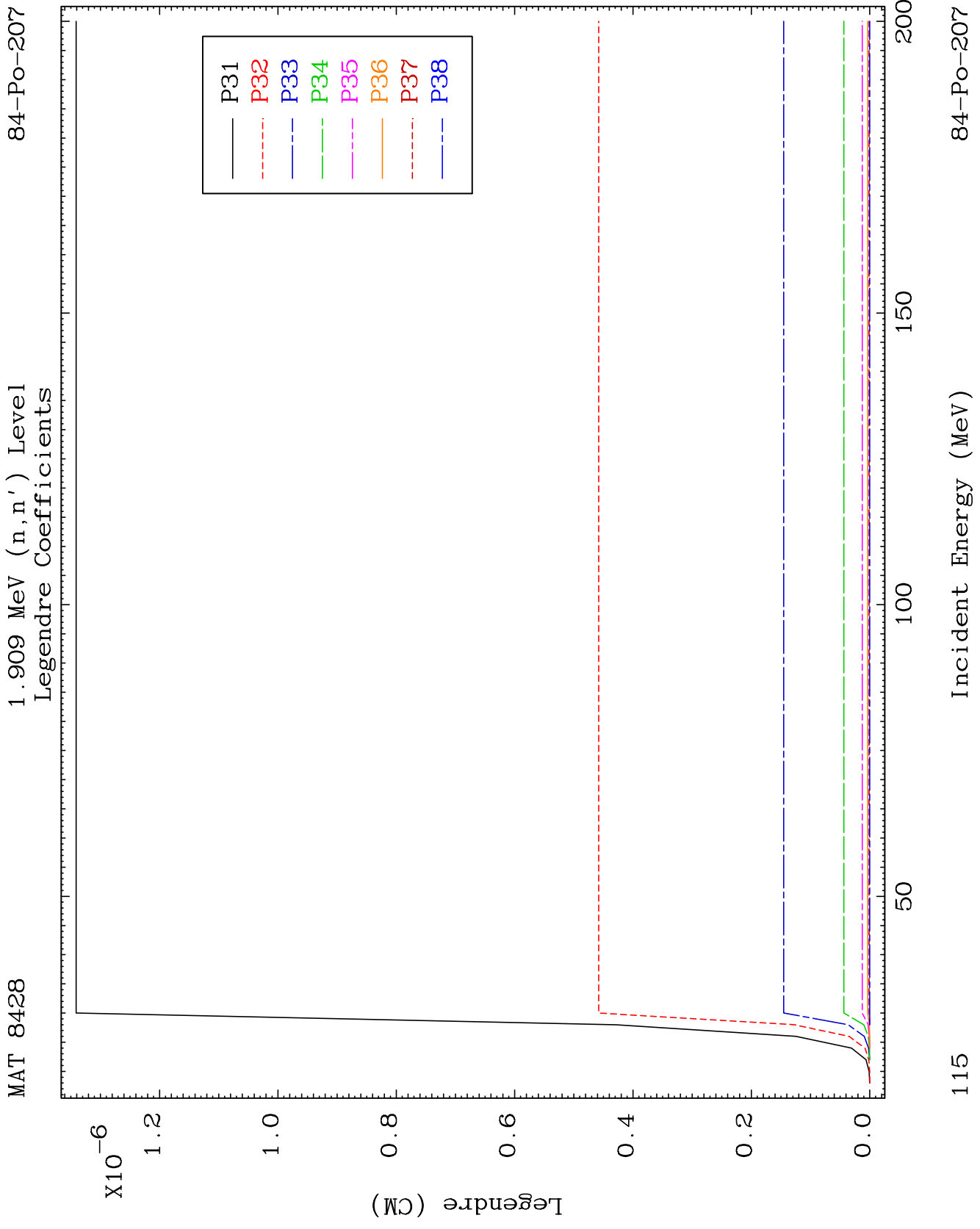
MAT 8428

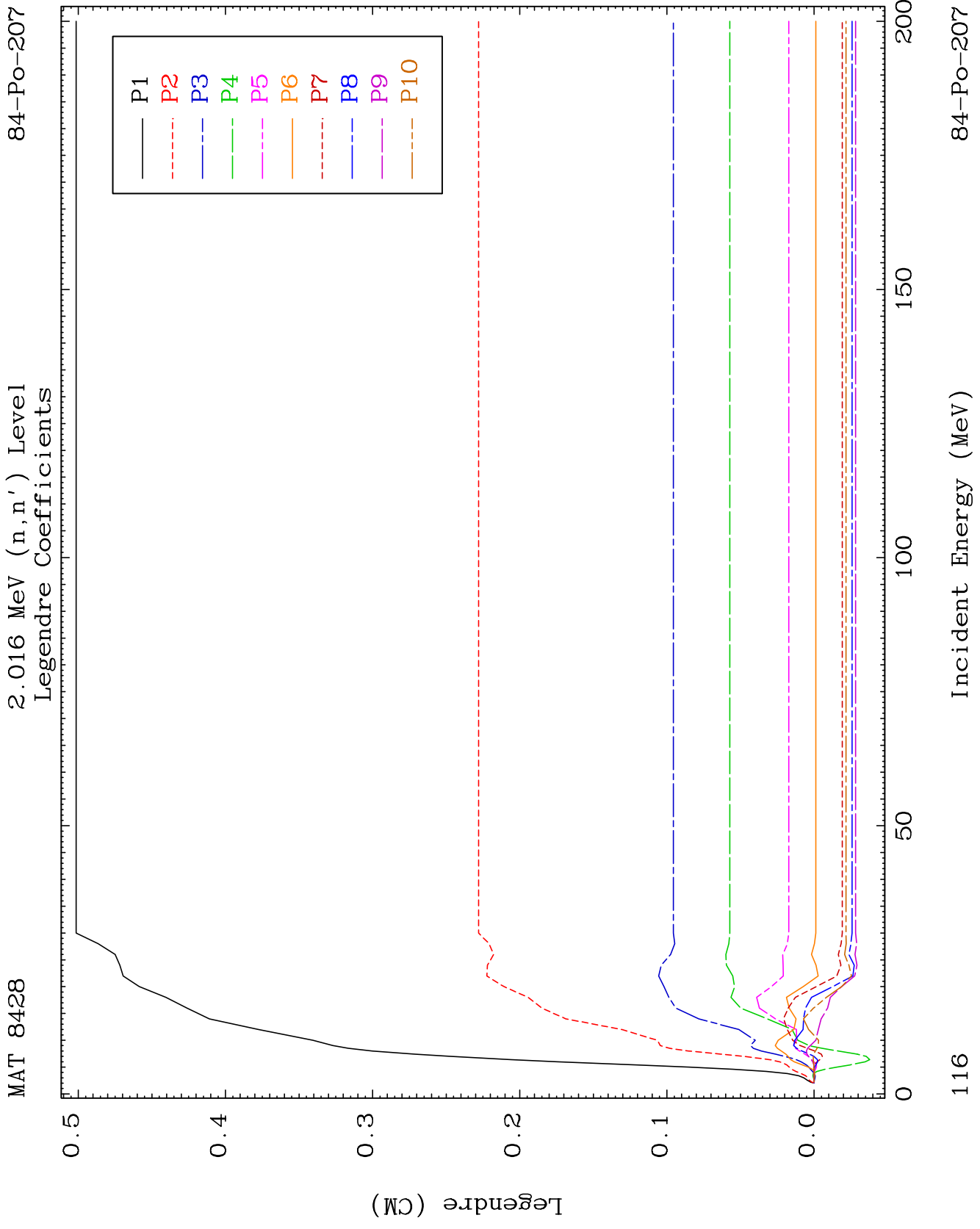
1.909 MeV (n,n') Level
Legendre Coefficients

84-Po-207



114

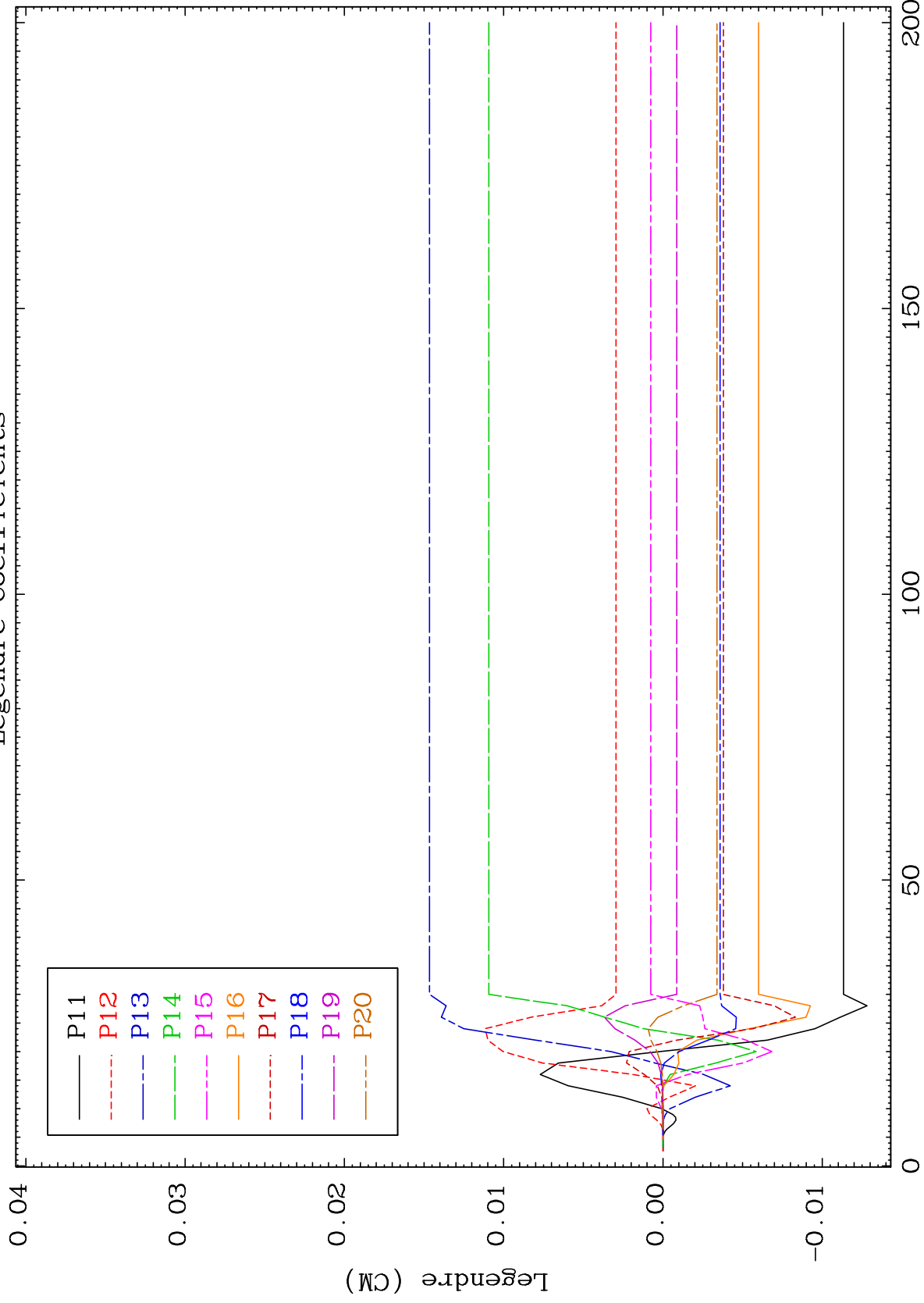




MAT 8428

2.016 MeV (n,n') Level
Legendre Coefficients

84-Po-207



117

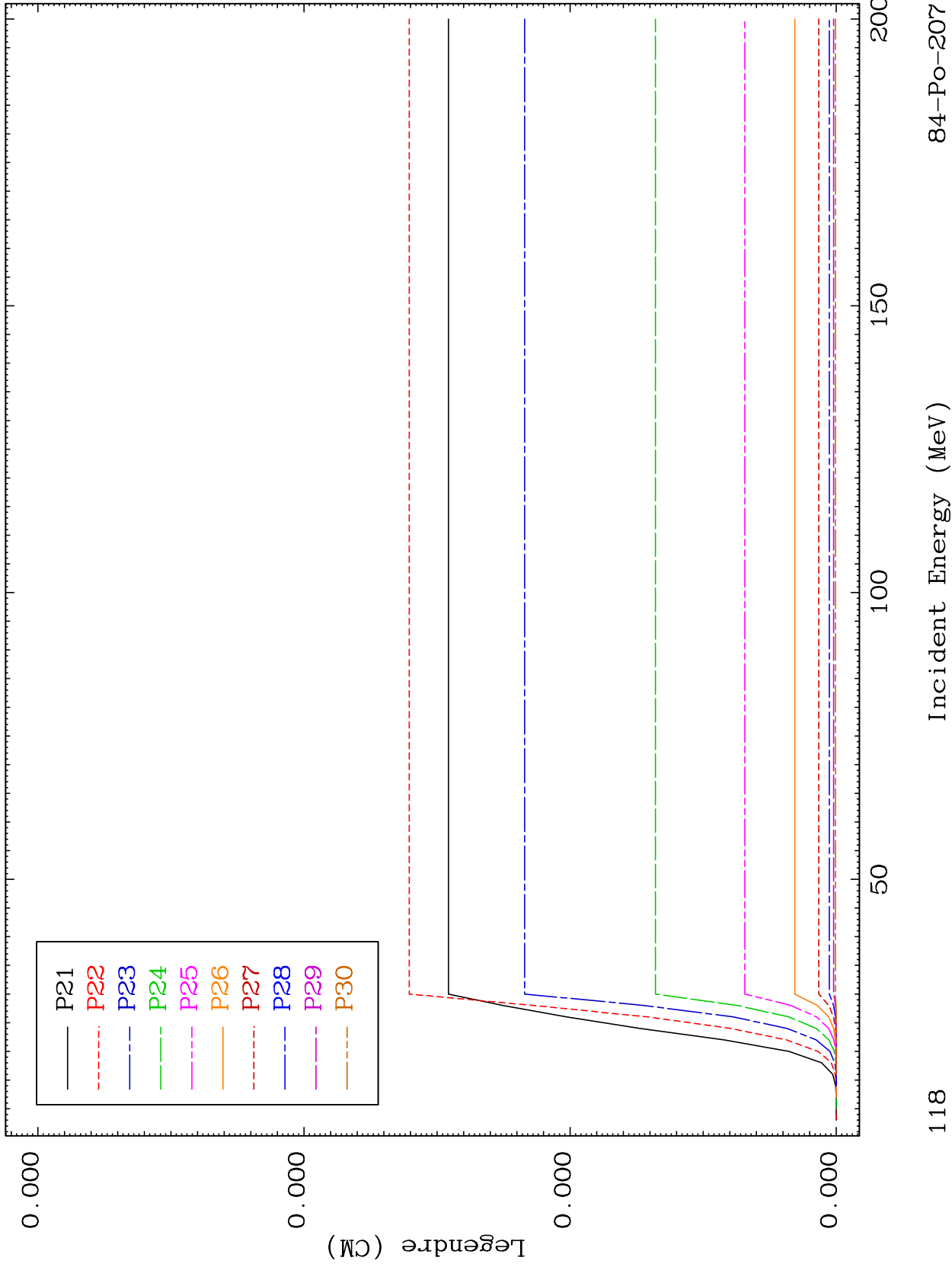
Incident Energy (MeV)

84-Po-207

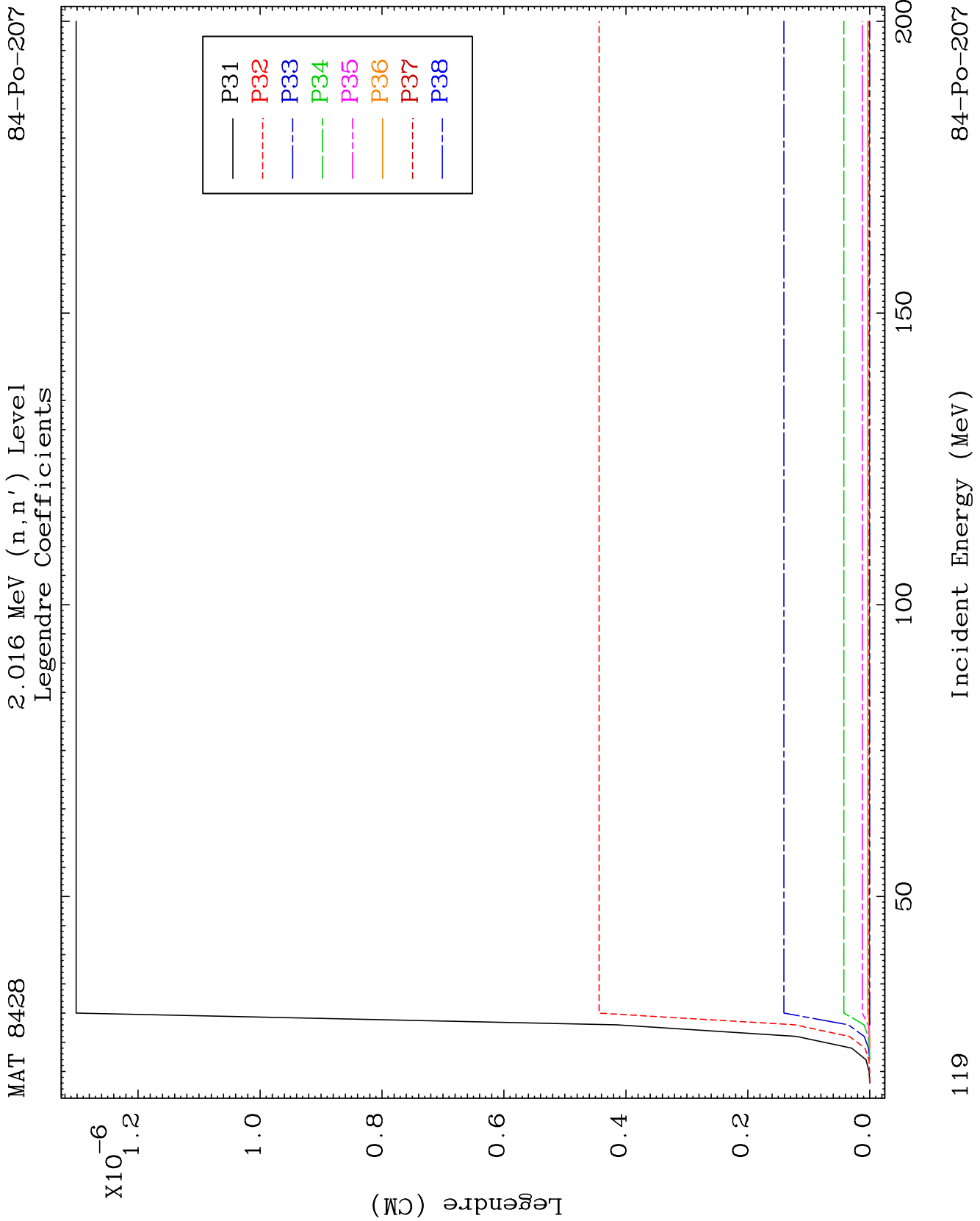
MAT 8428

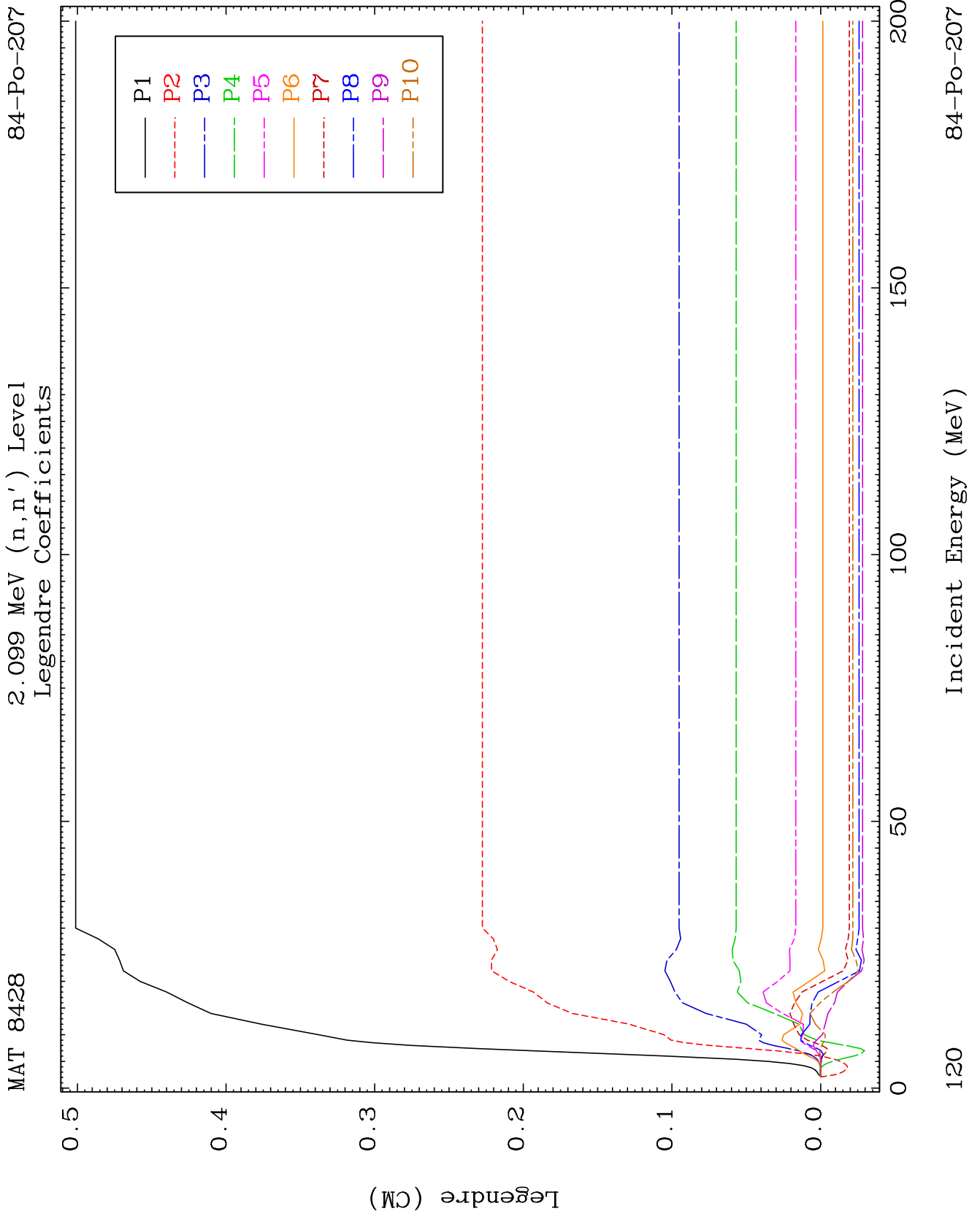
2.016 MeV (n,n') Level
Legendre Coefficients

84-Po-207



118

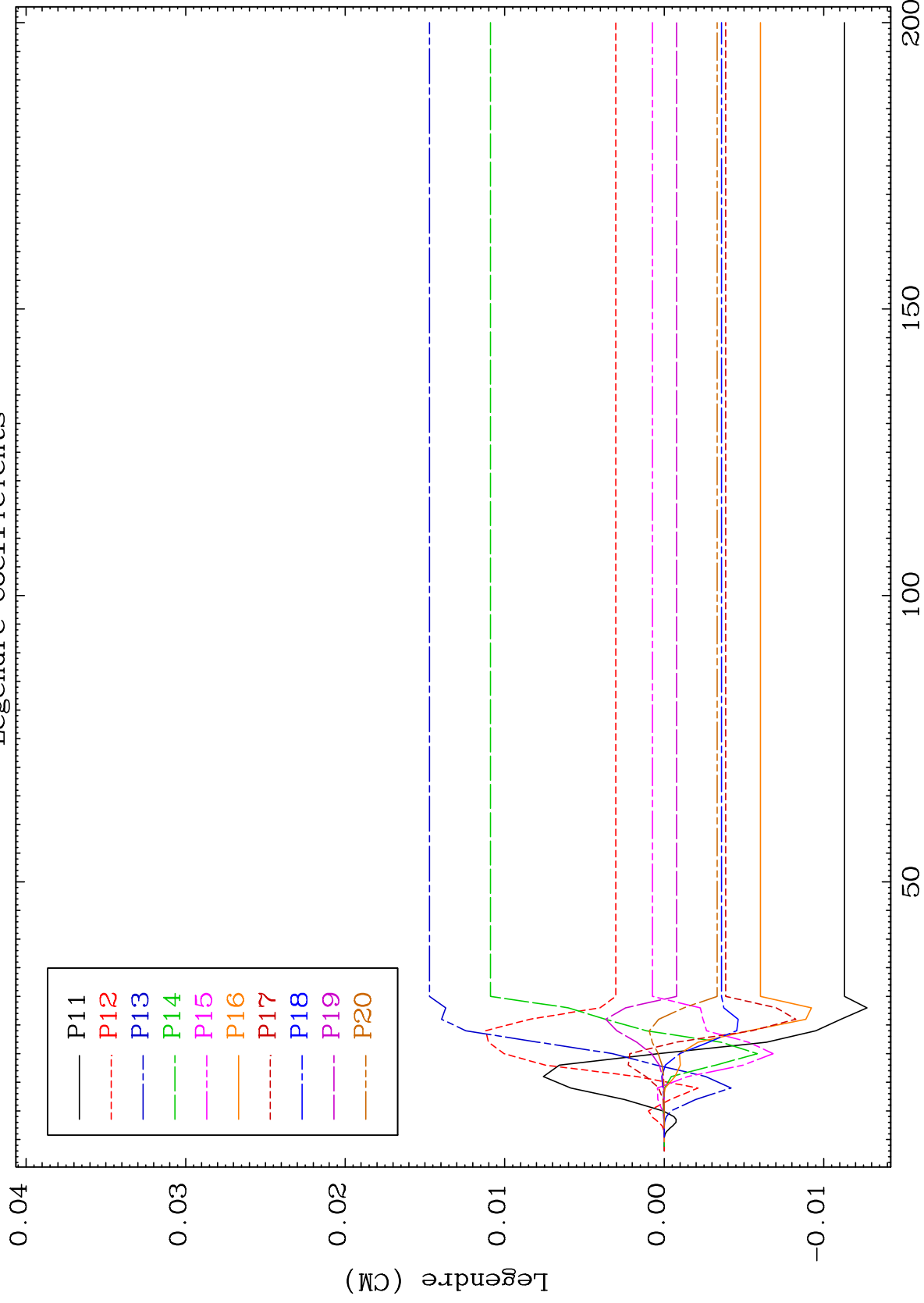




MAT 8428

2.099 MeV (n, n') Level
Legendre Coefficients

84-Po-207



121

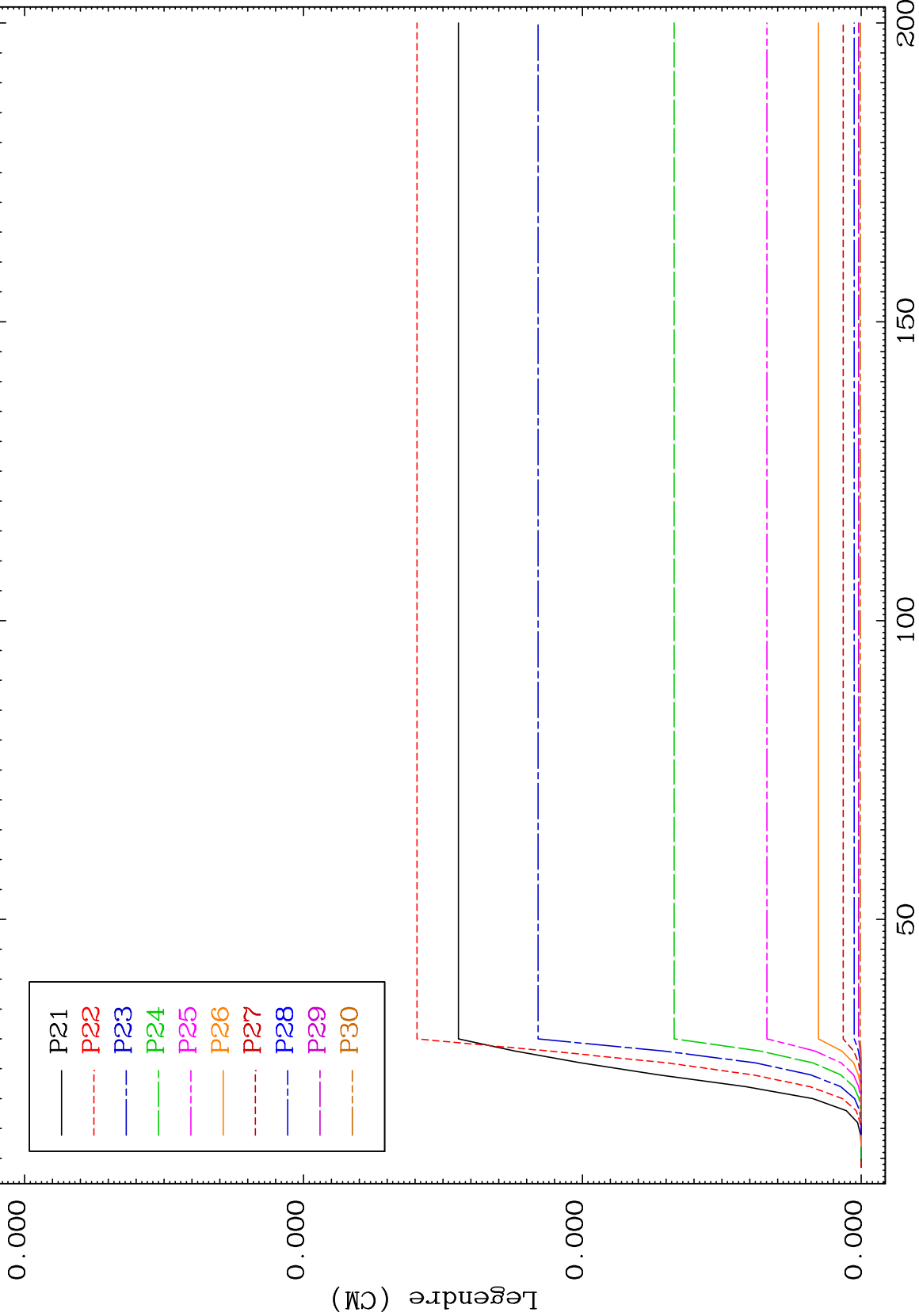
Incident Energy (MeV)

84-Po-207

MAT 8428

2.099 MeV (n,n') Level
Legendre Coefficients

84-Po-207



122

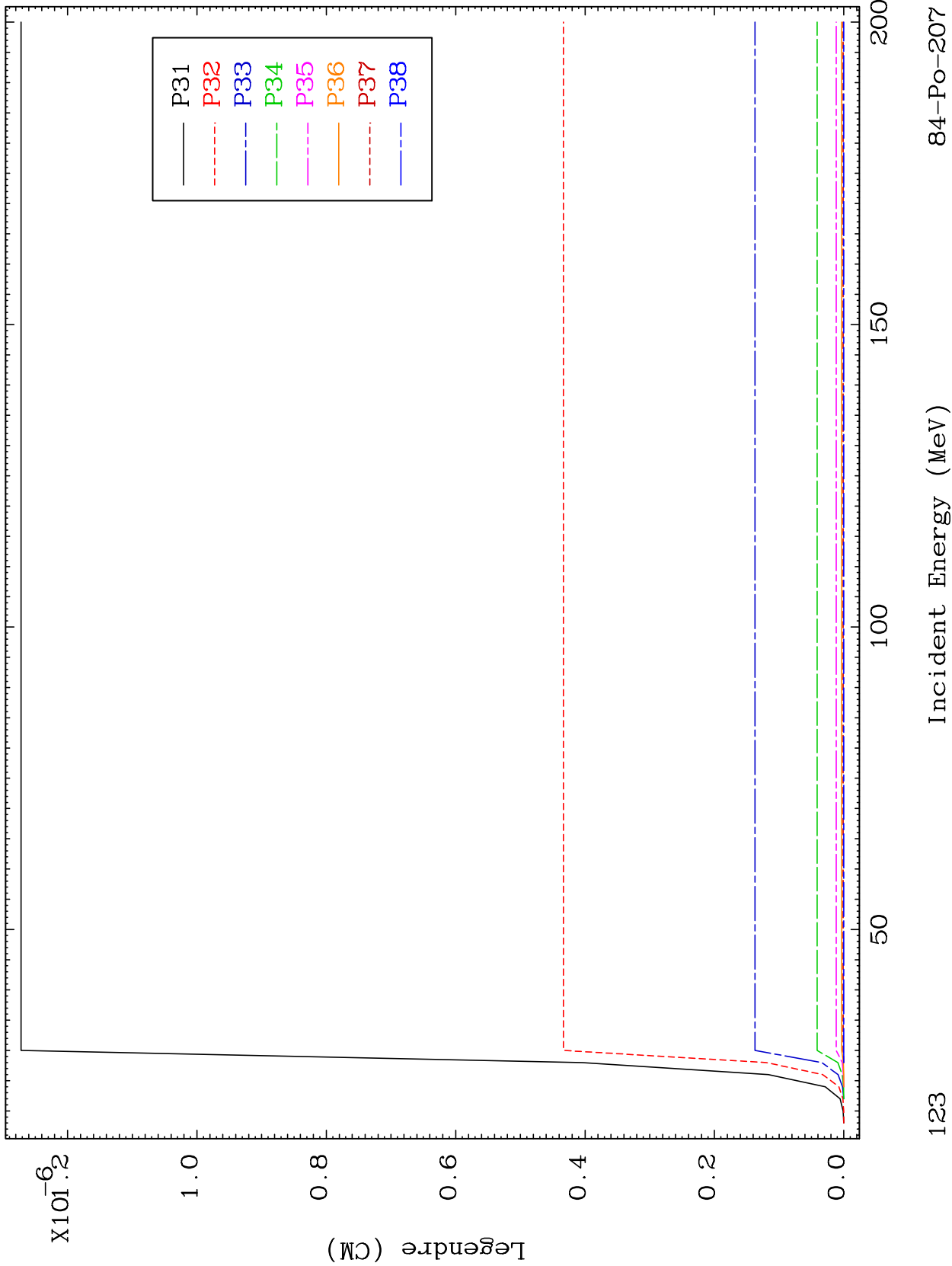
Incident Energy (MeV)

84-Po-207

MAT 8428

2.099 MeV (n,n') Level
Legendre Coefficients

84-Po-207



123

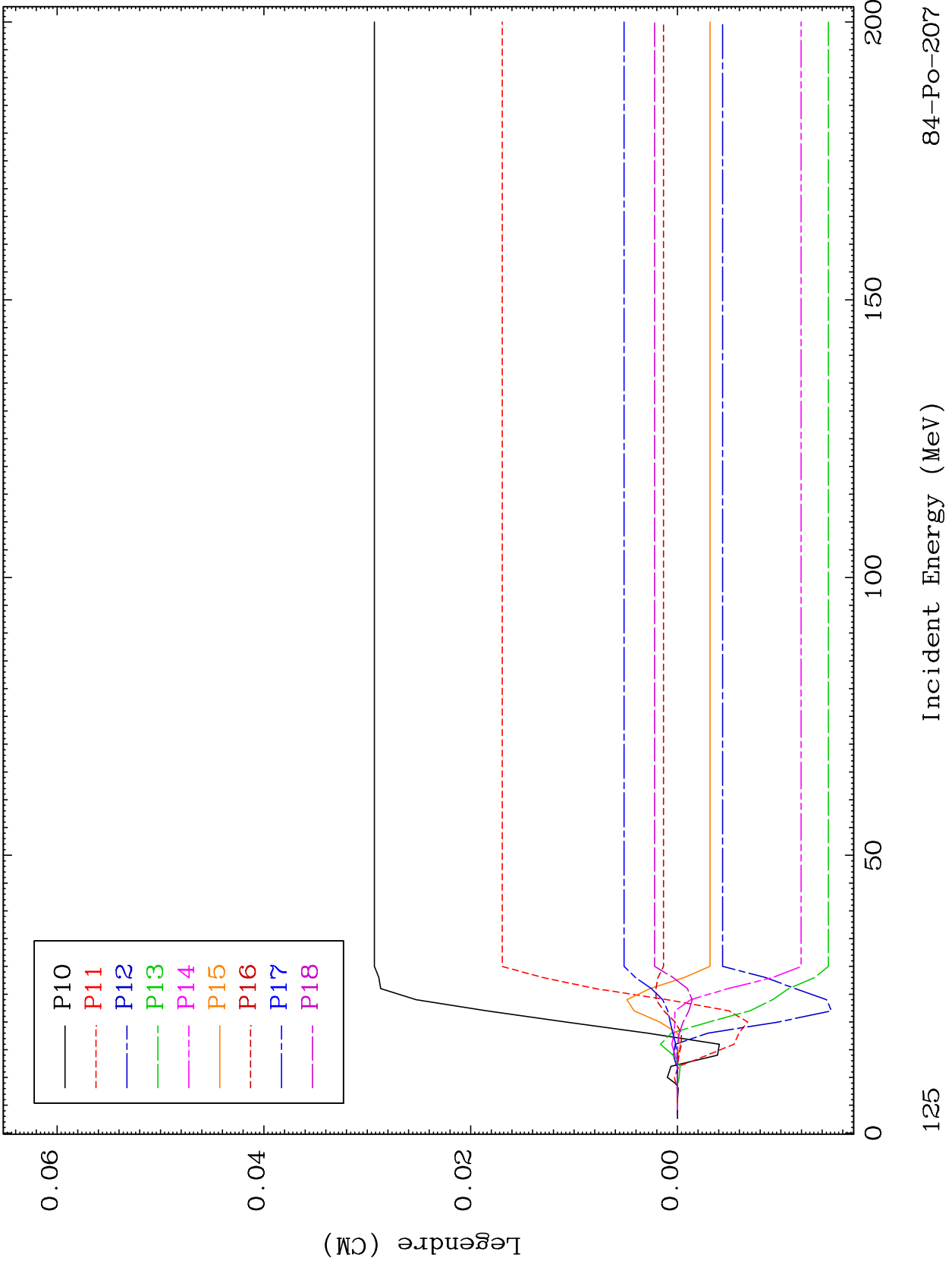
Incident Energy (MeV)

84-Po-207

MAT 8428

2.230 MeV (n,n') Level
Legendre Coefficients

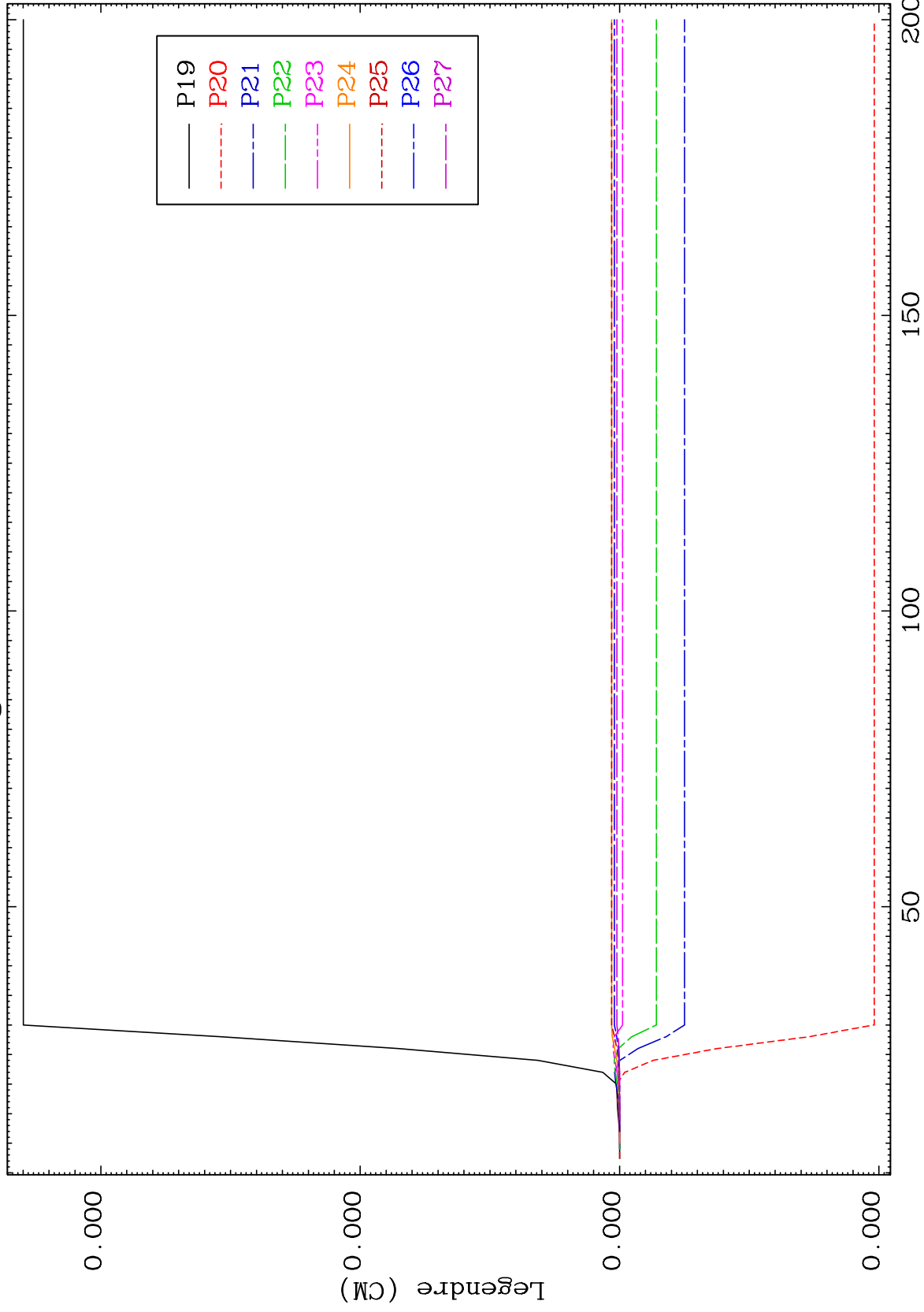
84-Po-207



MAT 8428

2.230 MeV (n,n') Level
Legendre Coefficients

84-Po-207



126

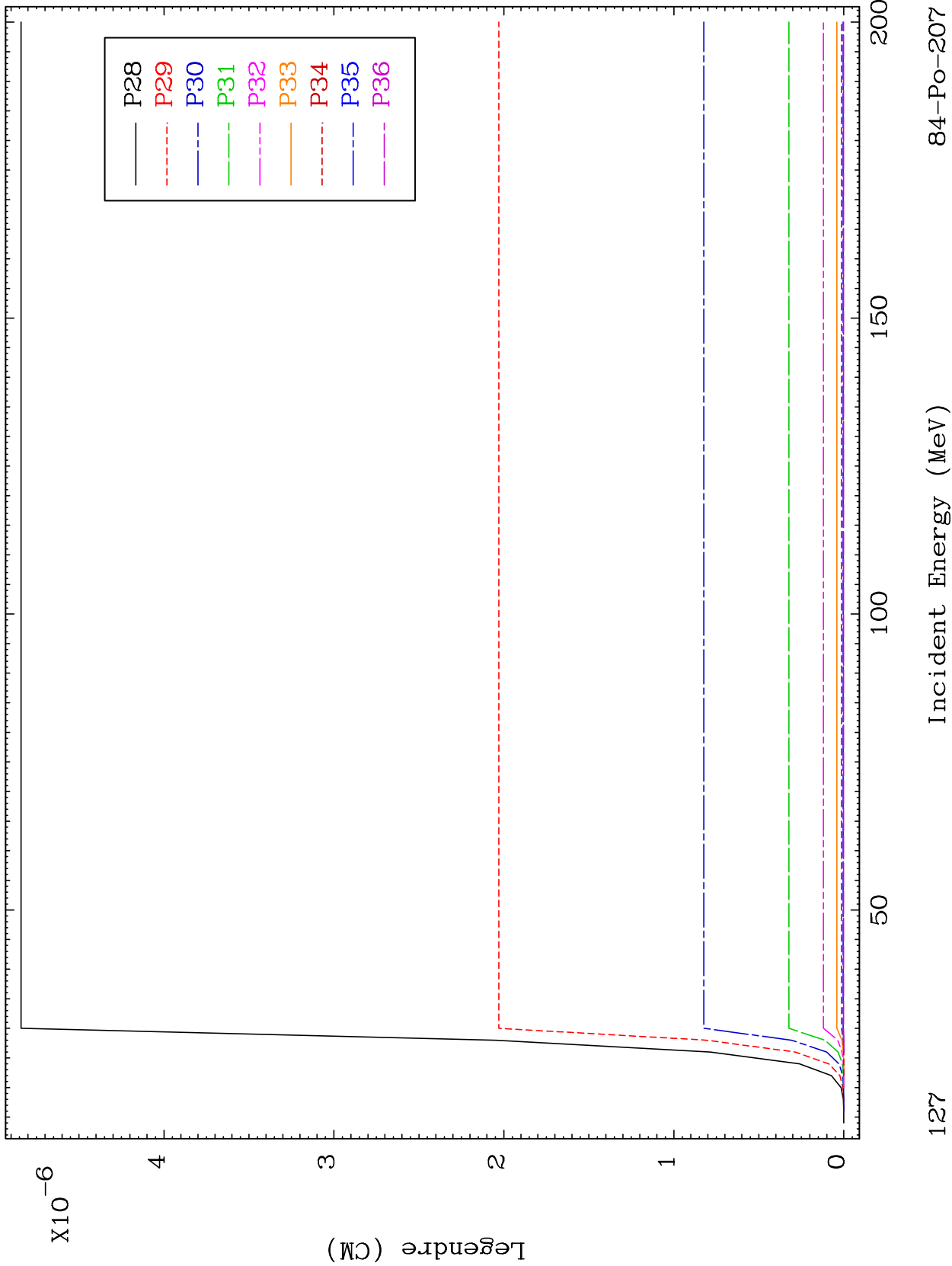
Incident Energy (MeV)

84-Po-207

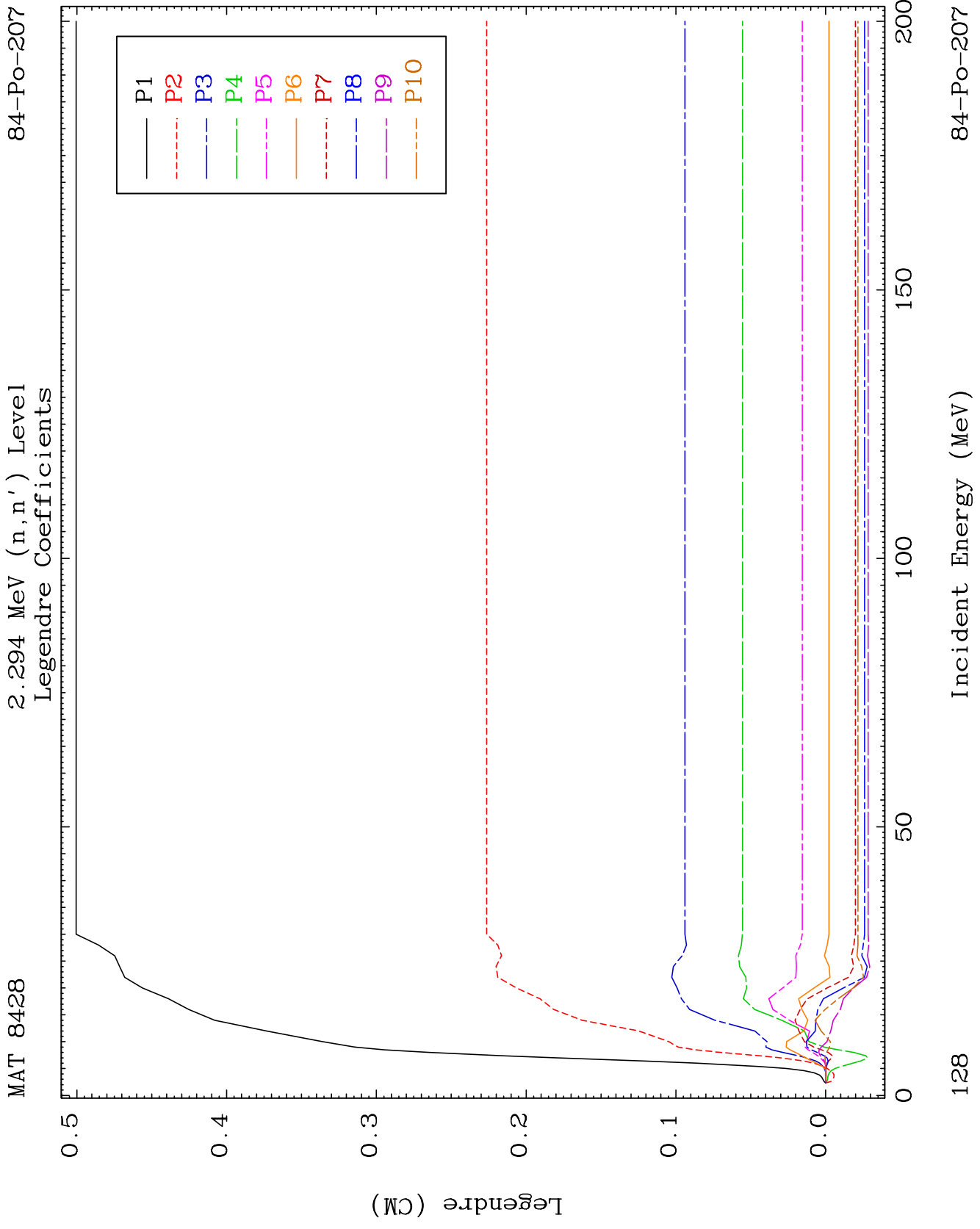
MAT 8428

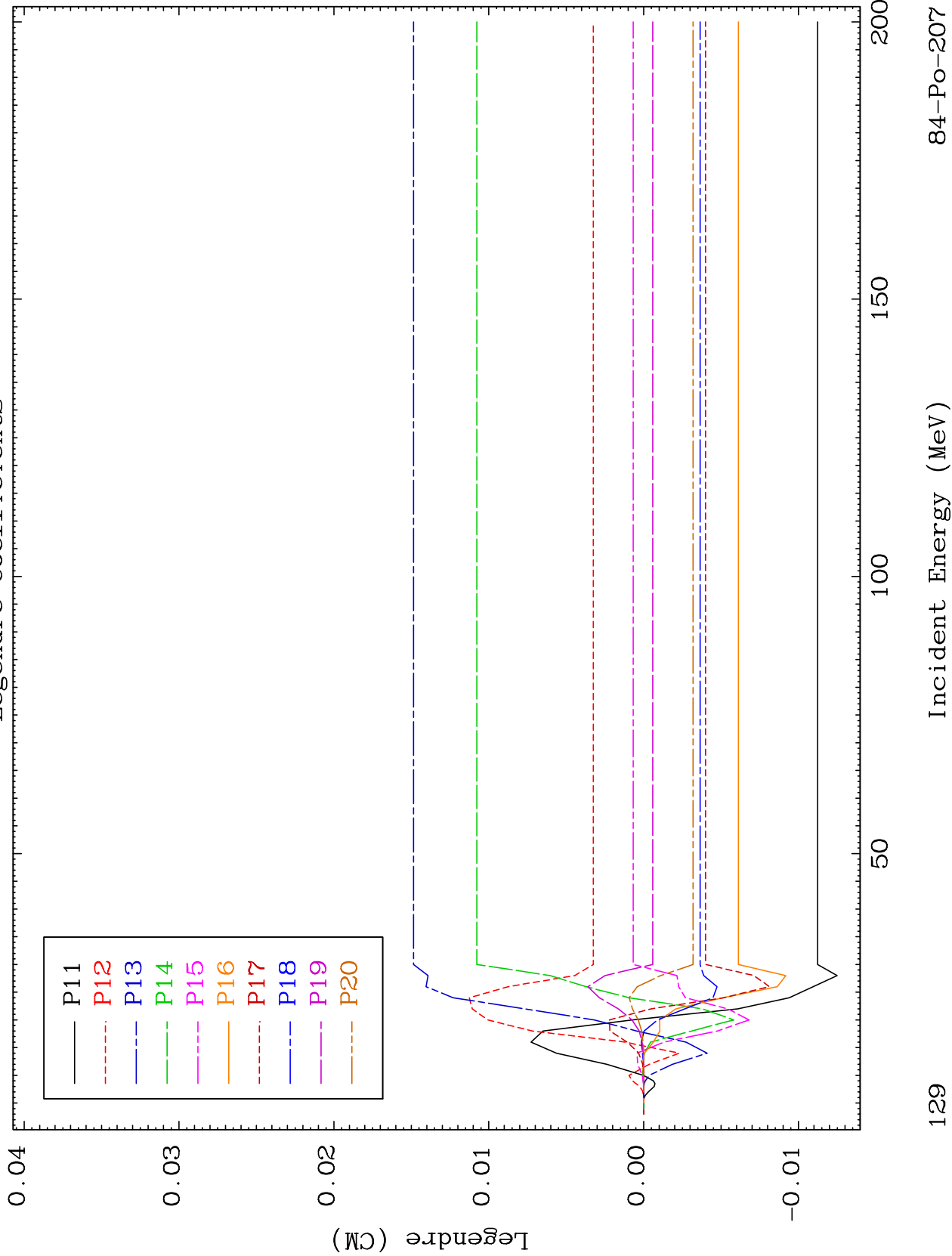
2.230 MeV (n,n') Level
Legendre Coefficients

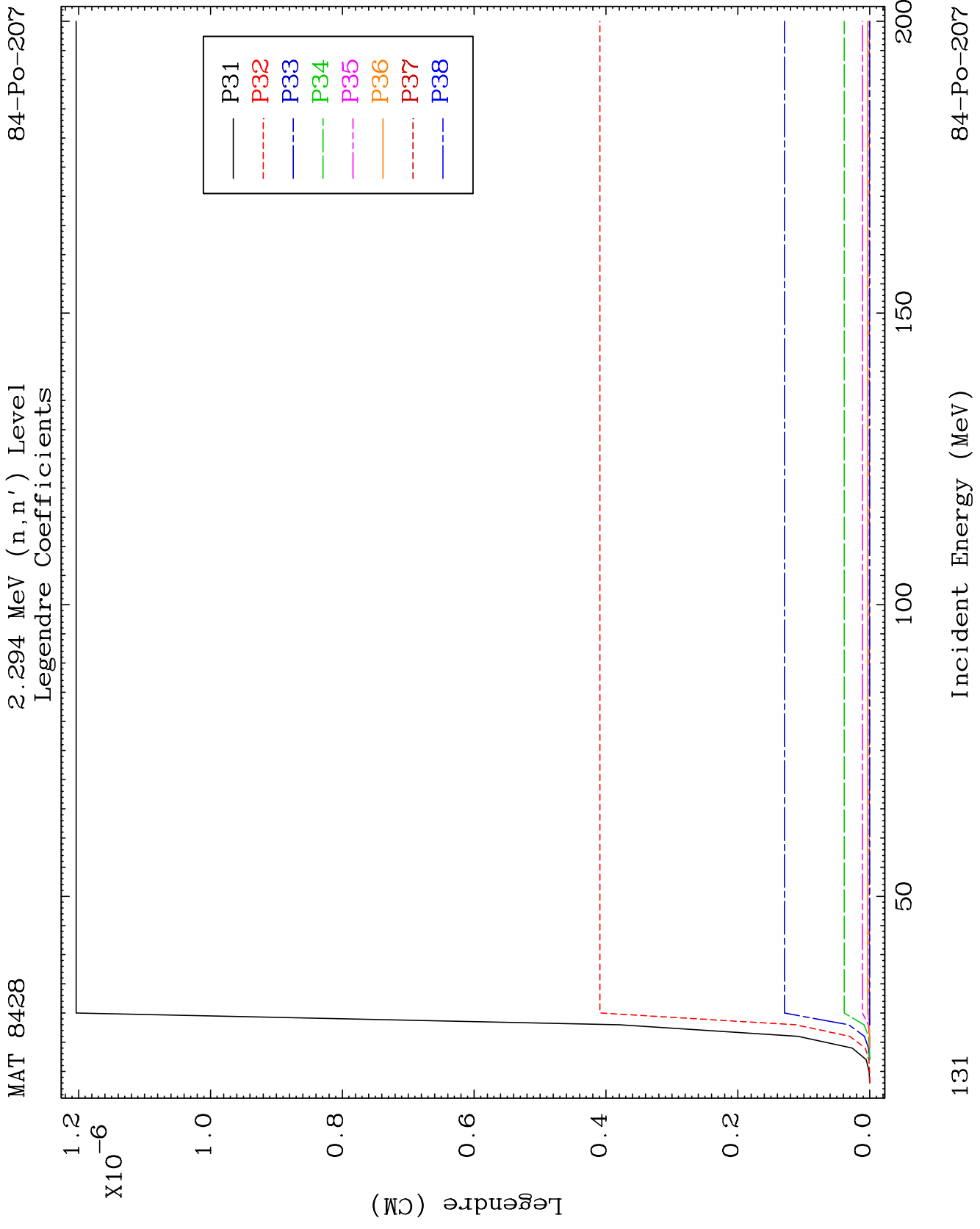
84-Po-207



127



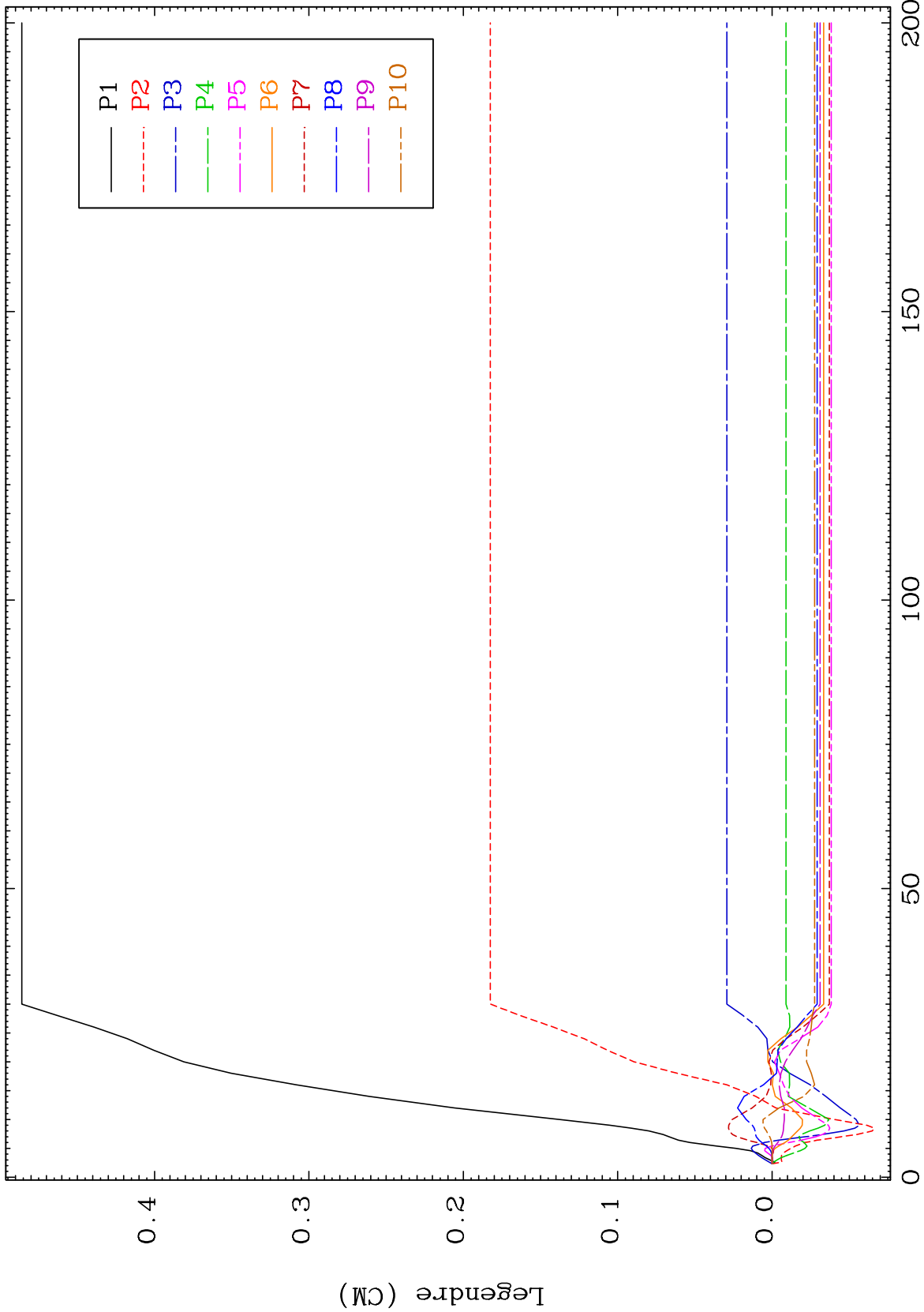




MAT 8428

2.303 MeV (n,n') Level
Legendre Coefficients

84-Po-207



84-Po-207

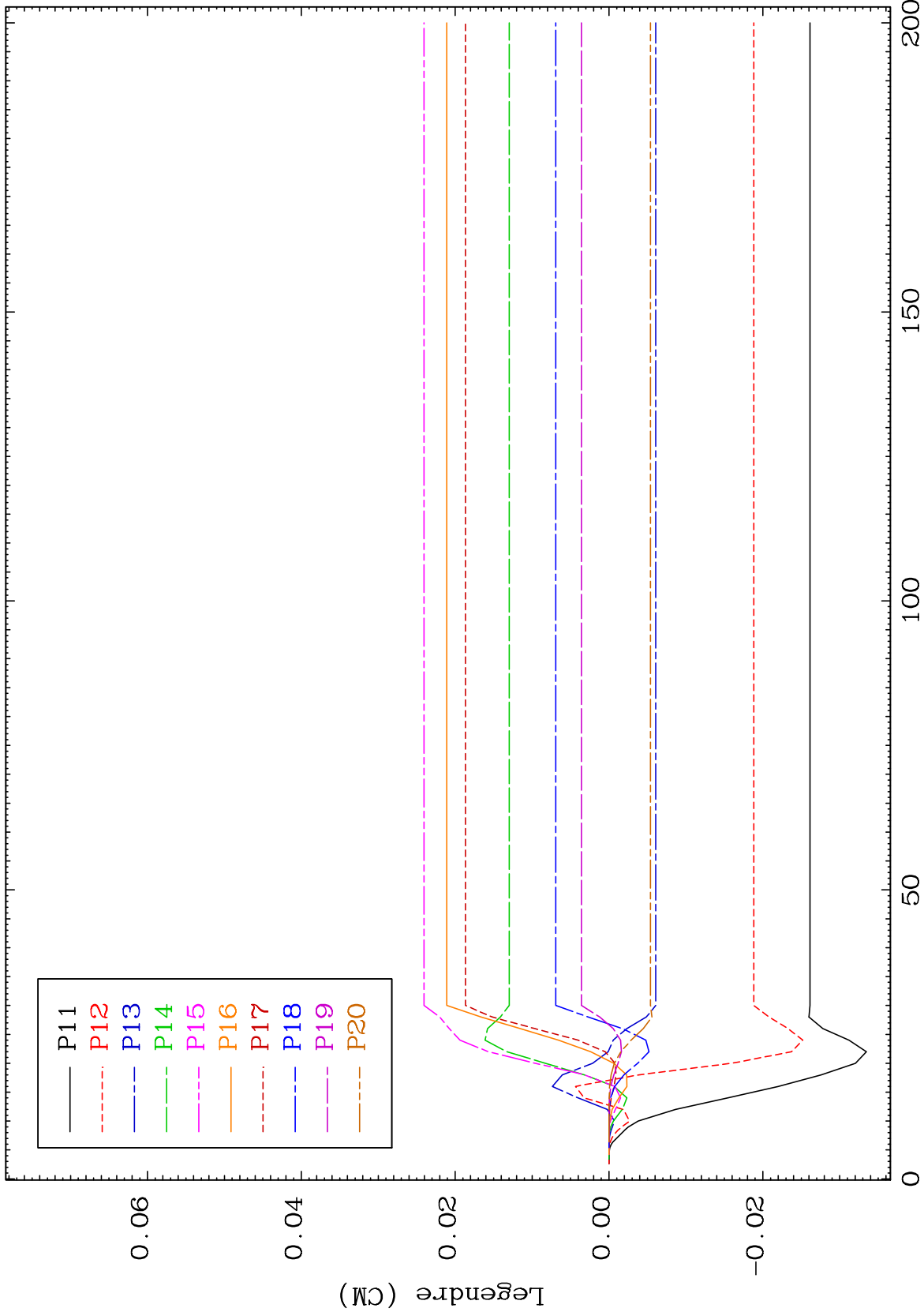
Incident Energy (MeV)

132

MAT 8428

2.303 MeV (n,n') Level
Legendre Coefficients

84-Po-207



133

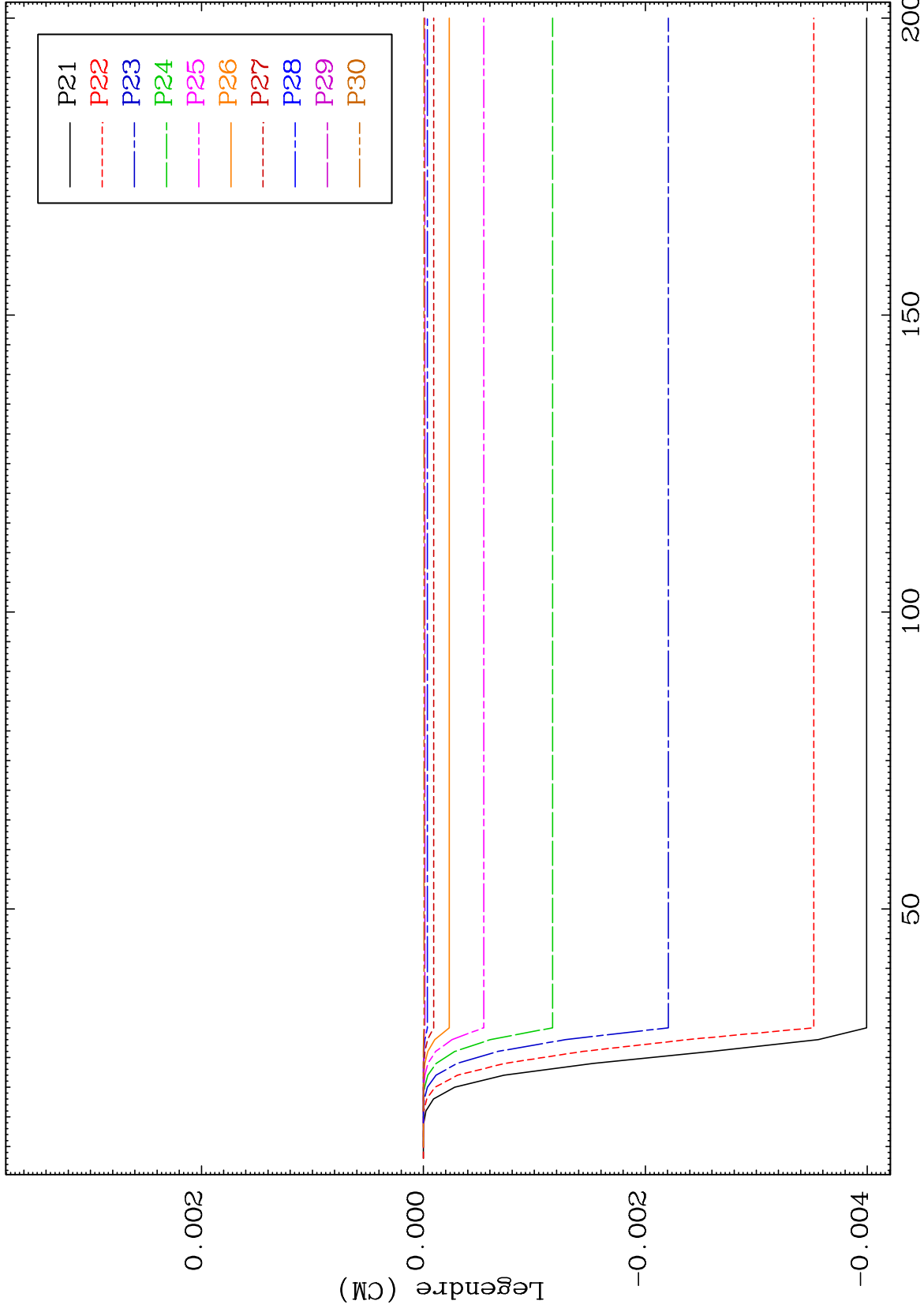
Incident Energy (MeV)

84-Po-207

MAT 8428

2.303 MeV (n,n') Level
Legendre Coefficients

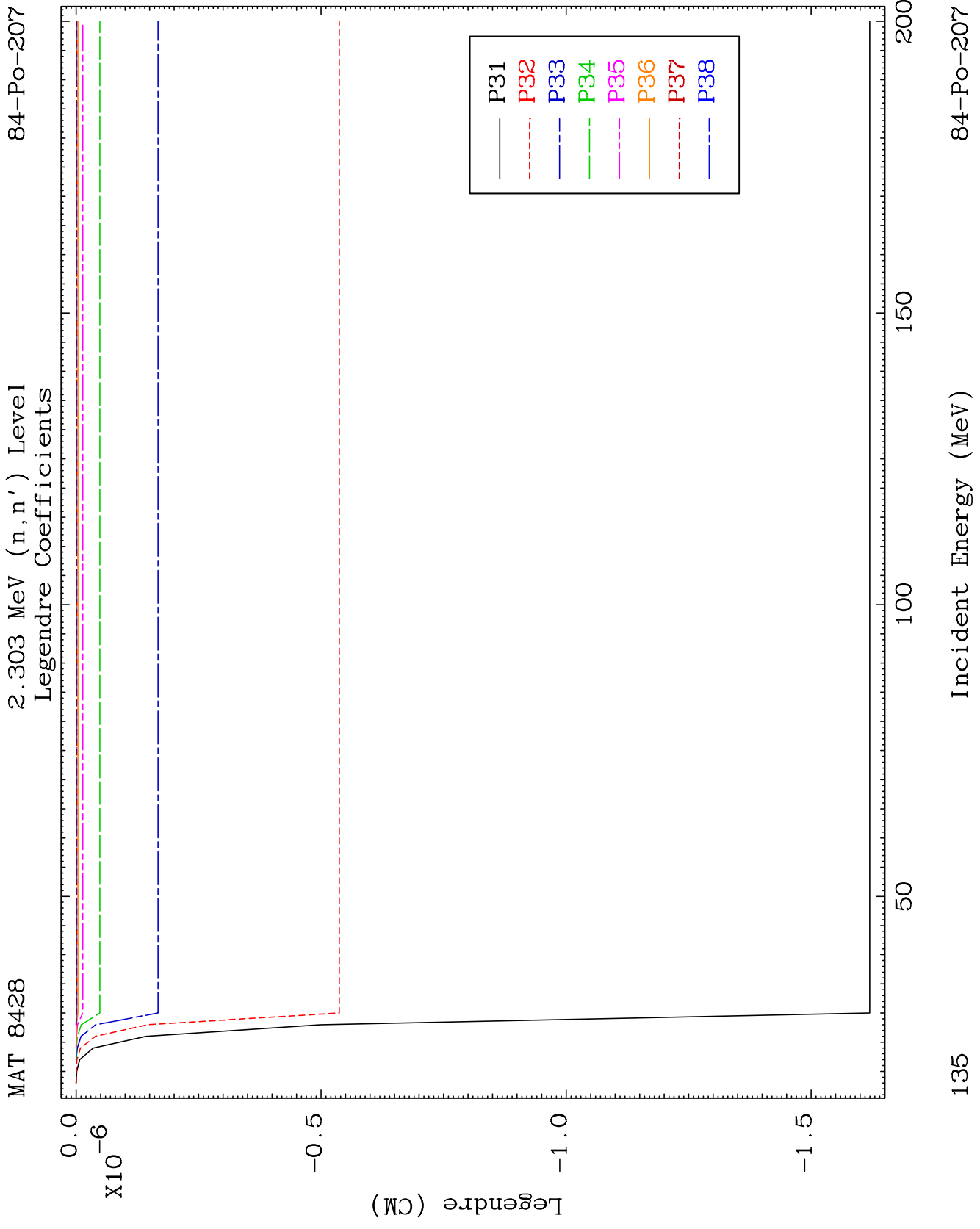
84-Po-207



134

Incident Energy (MeV)

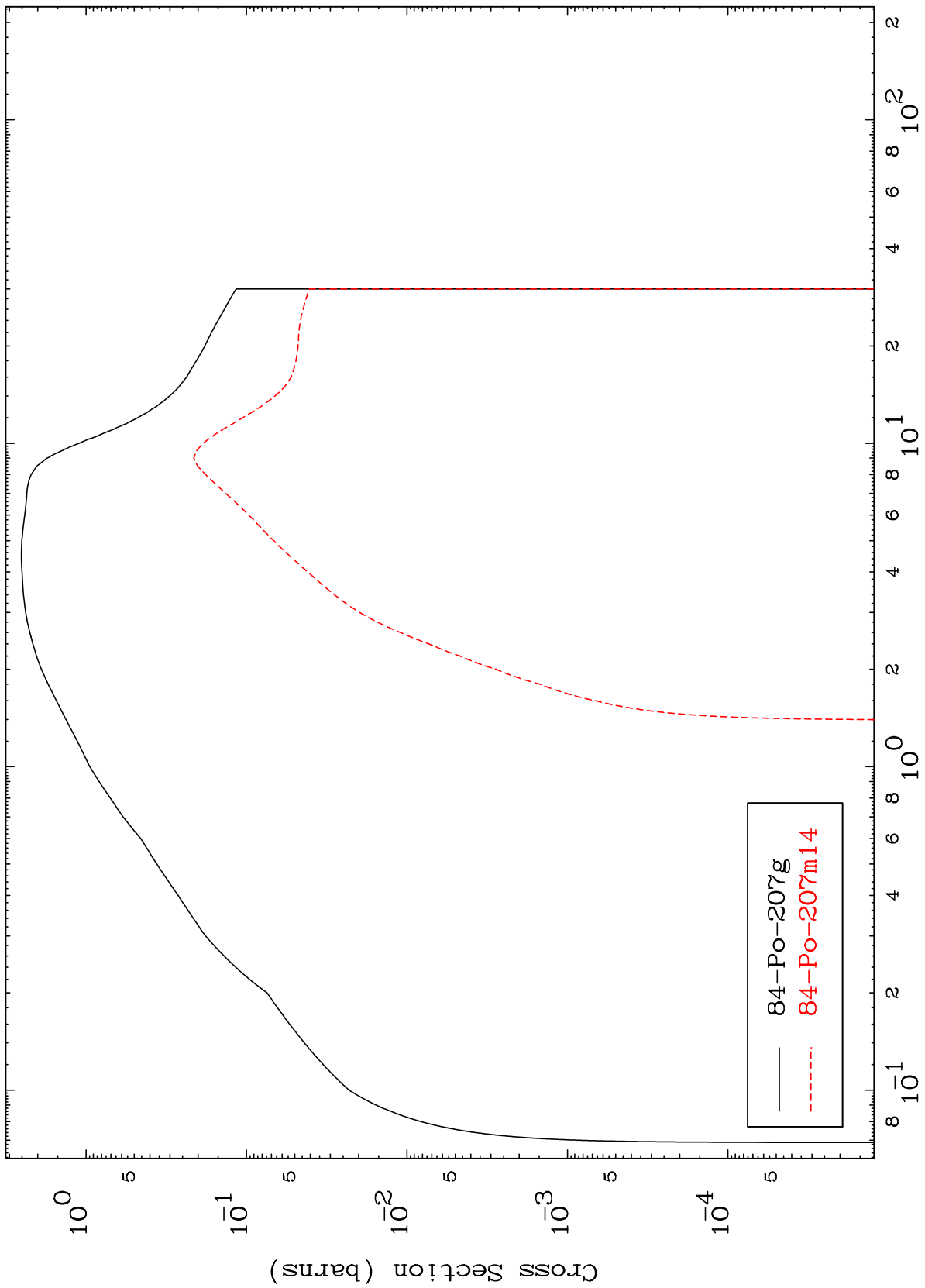
84-Po-207



MAT 8428

84-Po-207

Inelastic
Radionuclide Production Cross Section

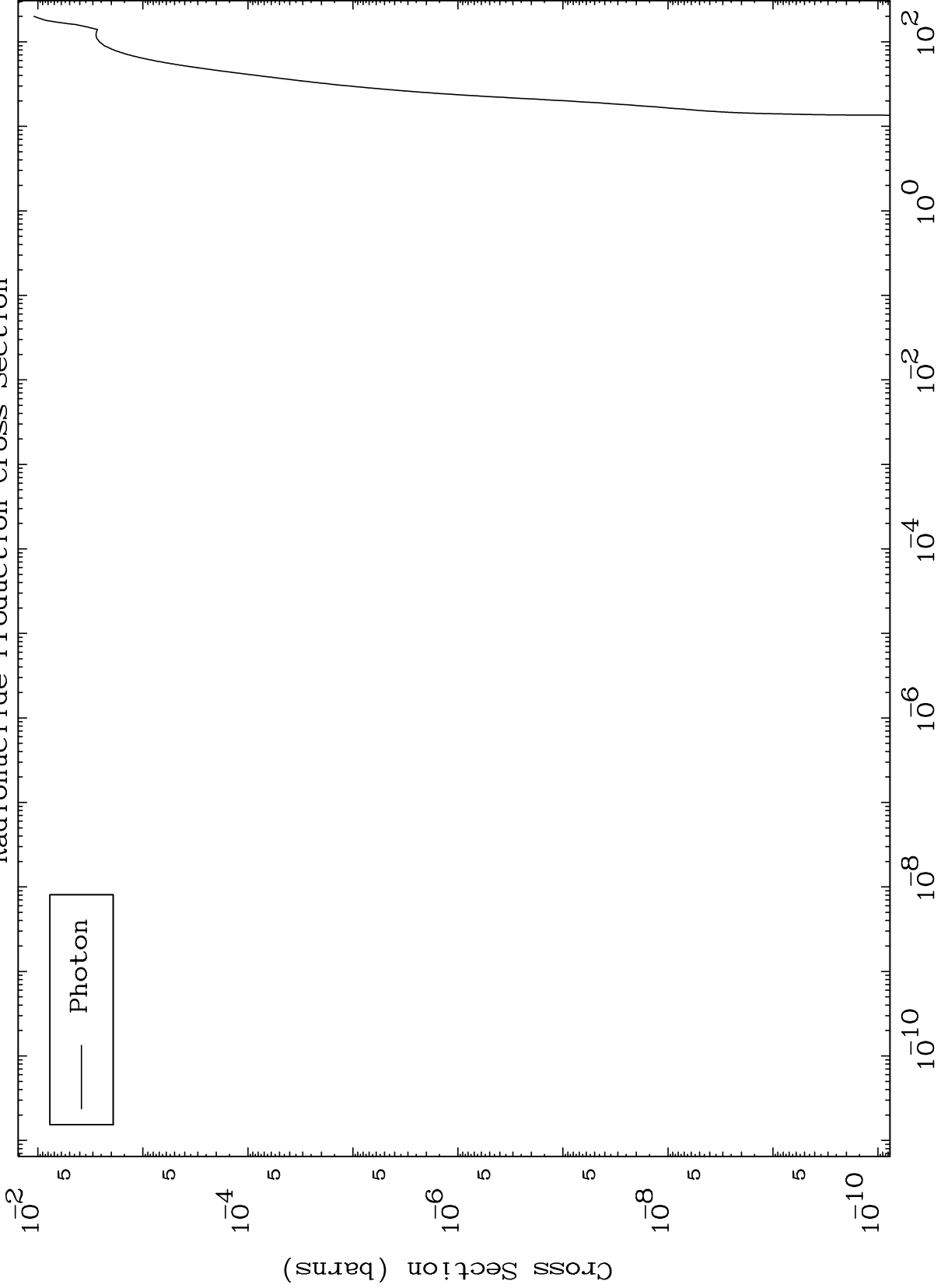


MAT 8428

Fission

84-Po-207

Radionuclide Production Cross Section



137

Incident Energy (MeV)

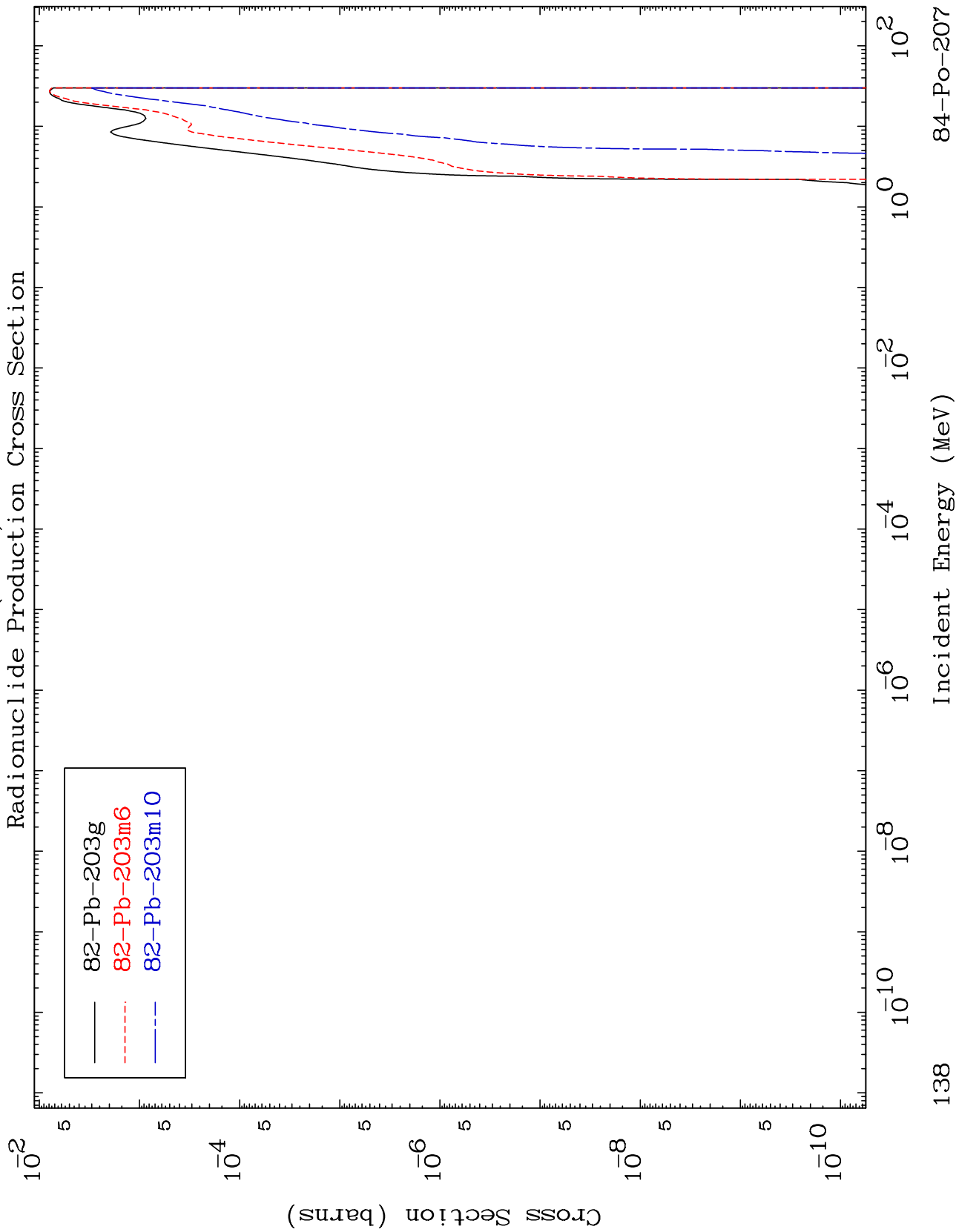
84-Po-207

MAT 8428

$(n, n') \alpha$

84-Po-207

Radionuclide Production Cross Section

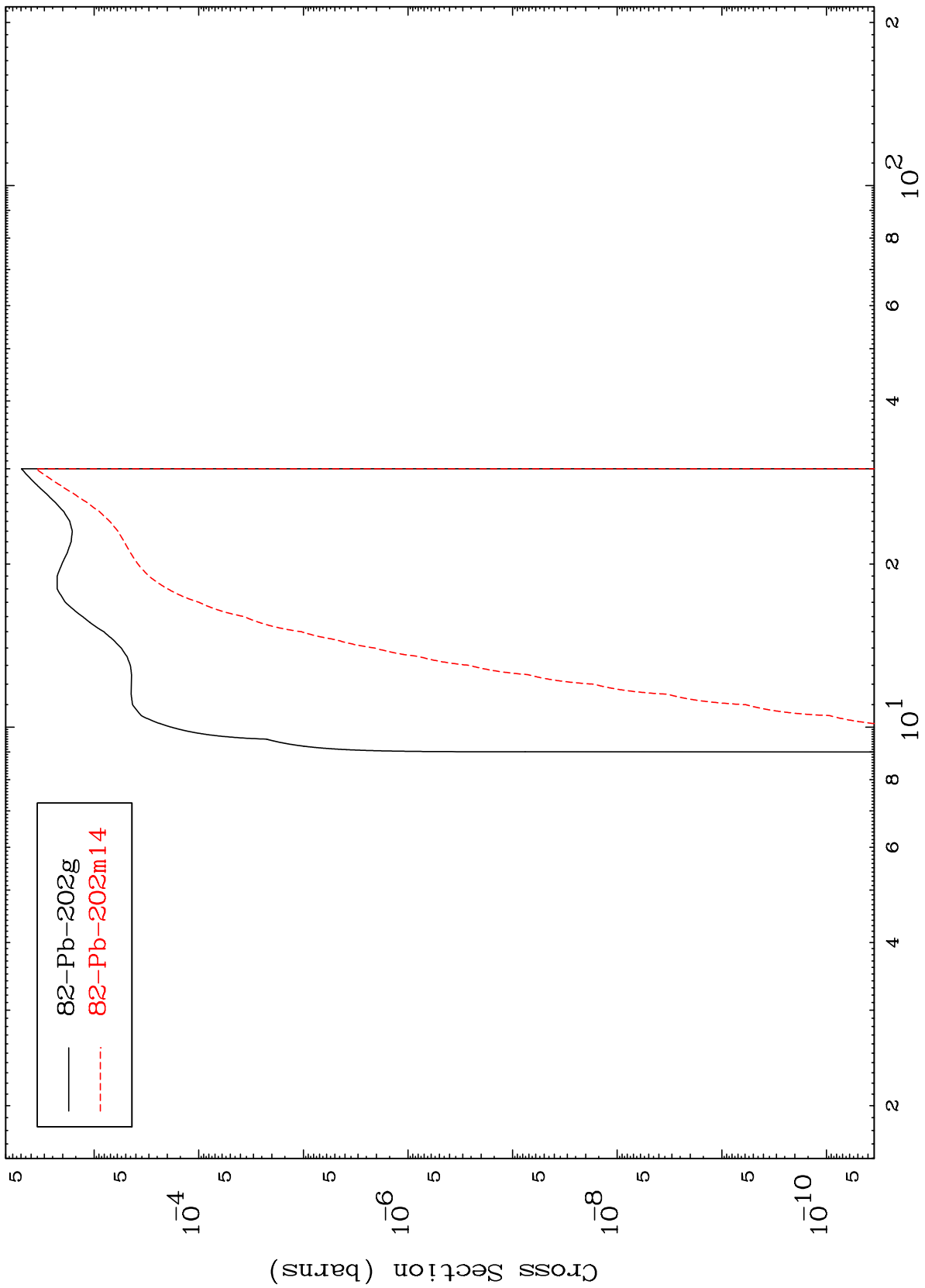


MAT 8428

(n,2n) α

84-Po-207

Radionuclide Production Cross Section



139

Incident Energy (MeV)

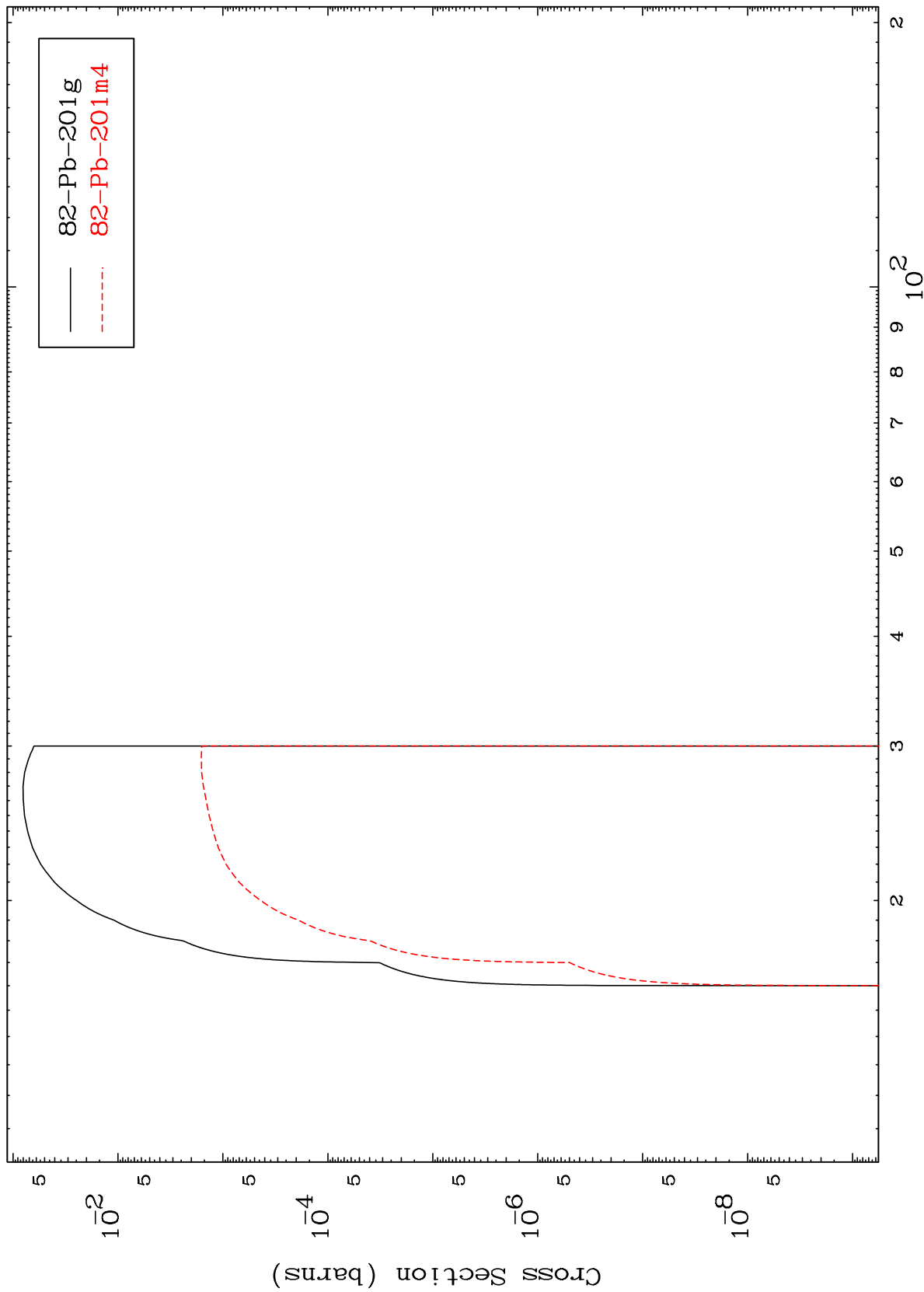
84-Po-207

MAT 8428

(n,3n) α

84-Po-207

Radionuclide Production Cross Section



140

Incident Energy (MeV)

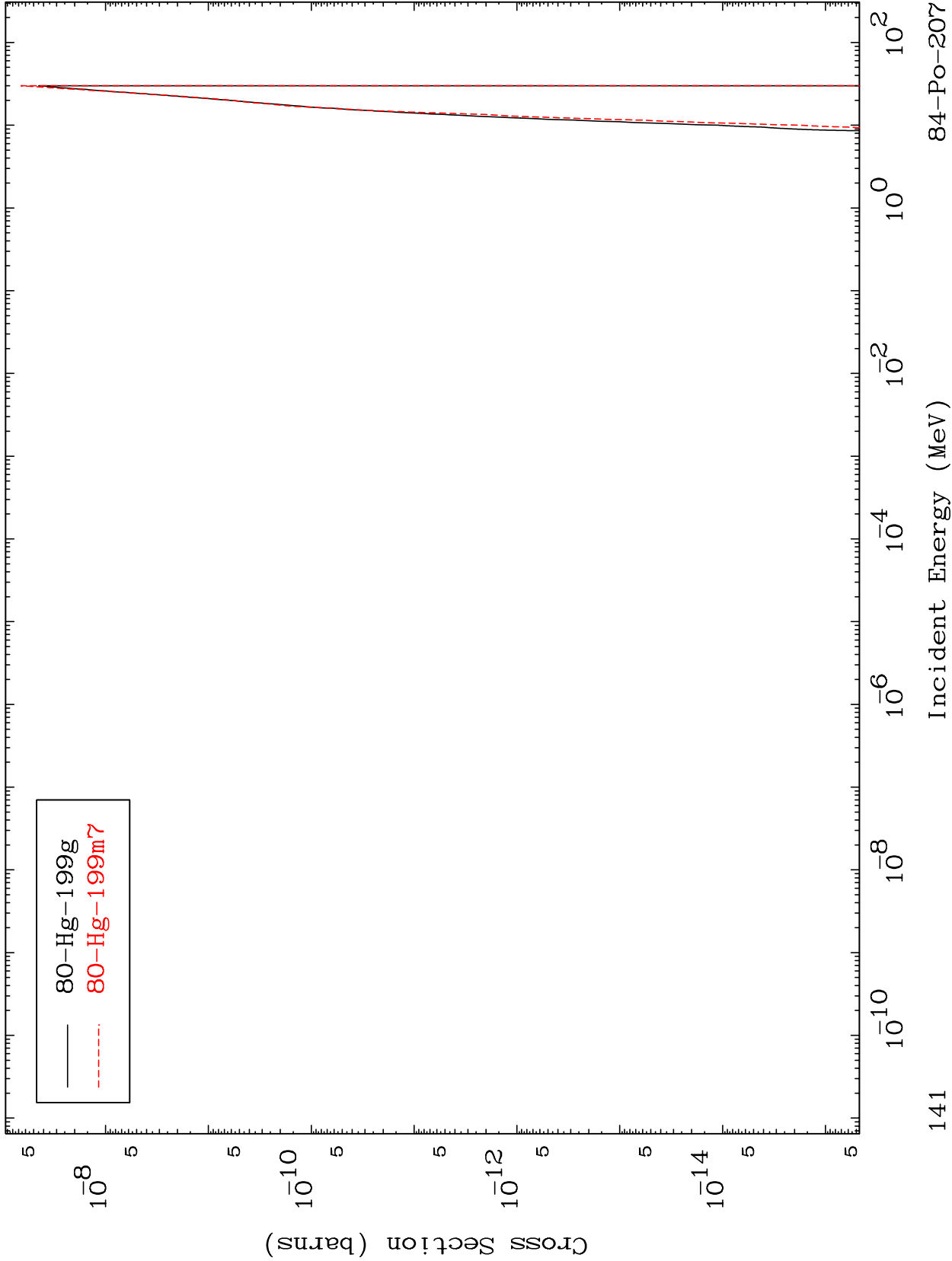
84-Po-207

MAT 8428

(n,n') 2 α

84-Po-207

Radionuclide Production Cross Section



141

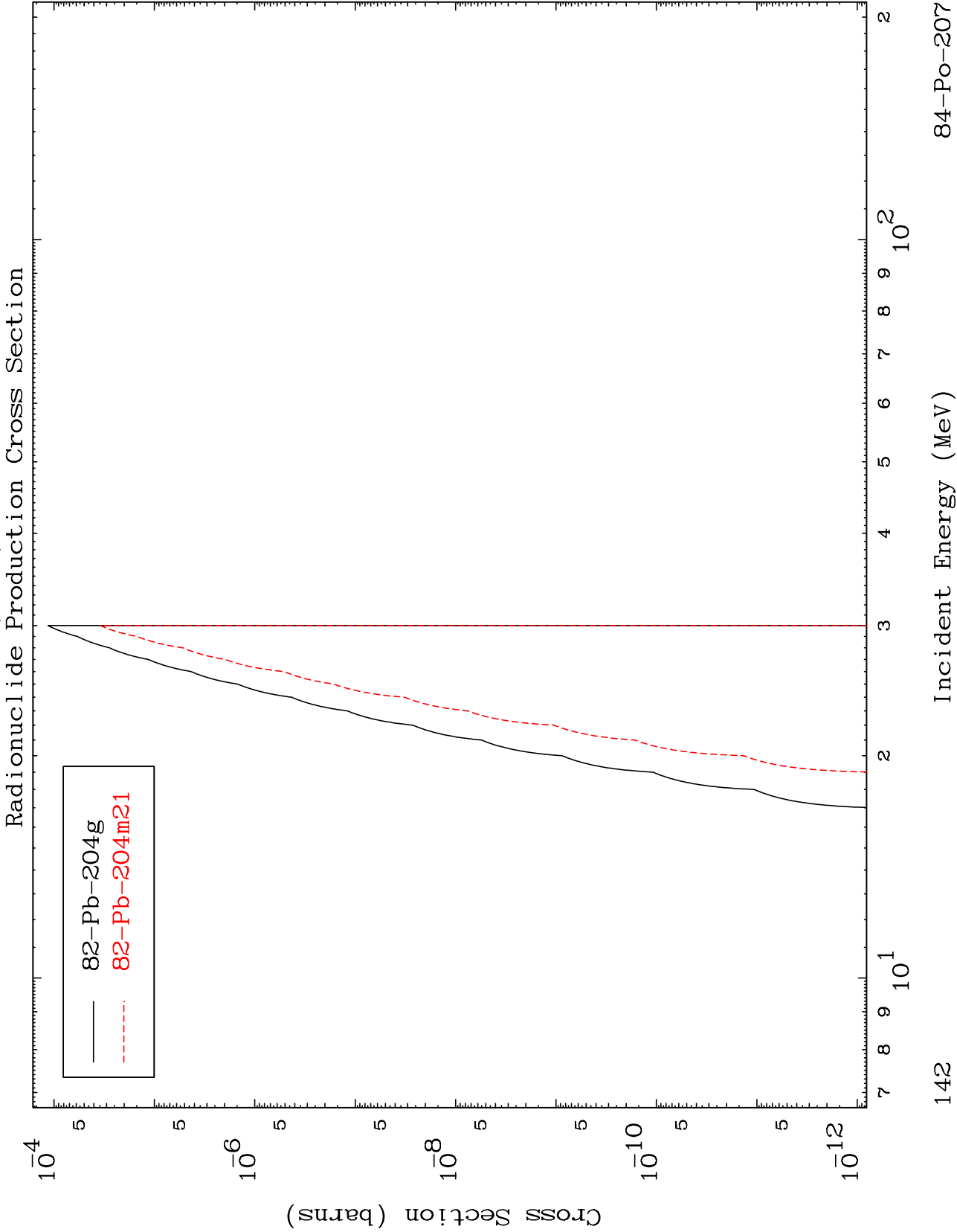
Incident Energy (MeV)

84-Po-207

MAT 8428

(n,n') He-3

84-Po-207



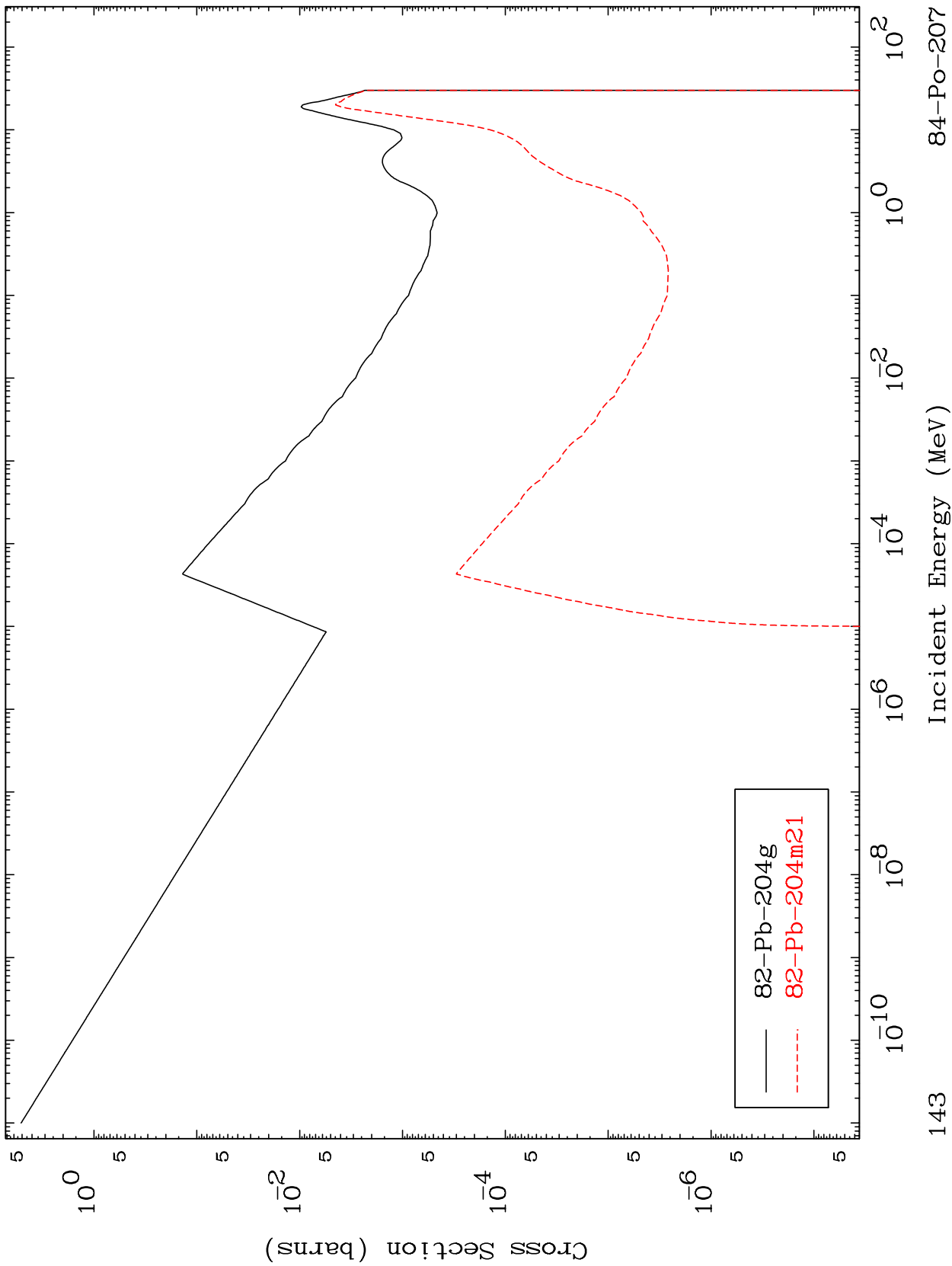
142

84-Po-207

MAT 8428

84-Po-207

Radionuclide Production Cross Section

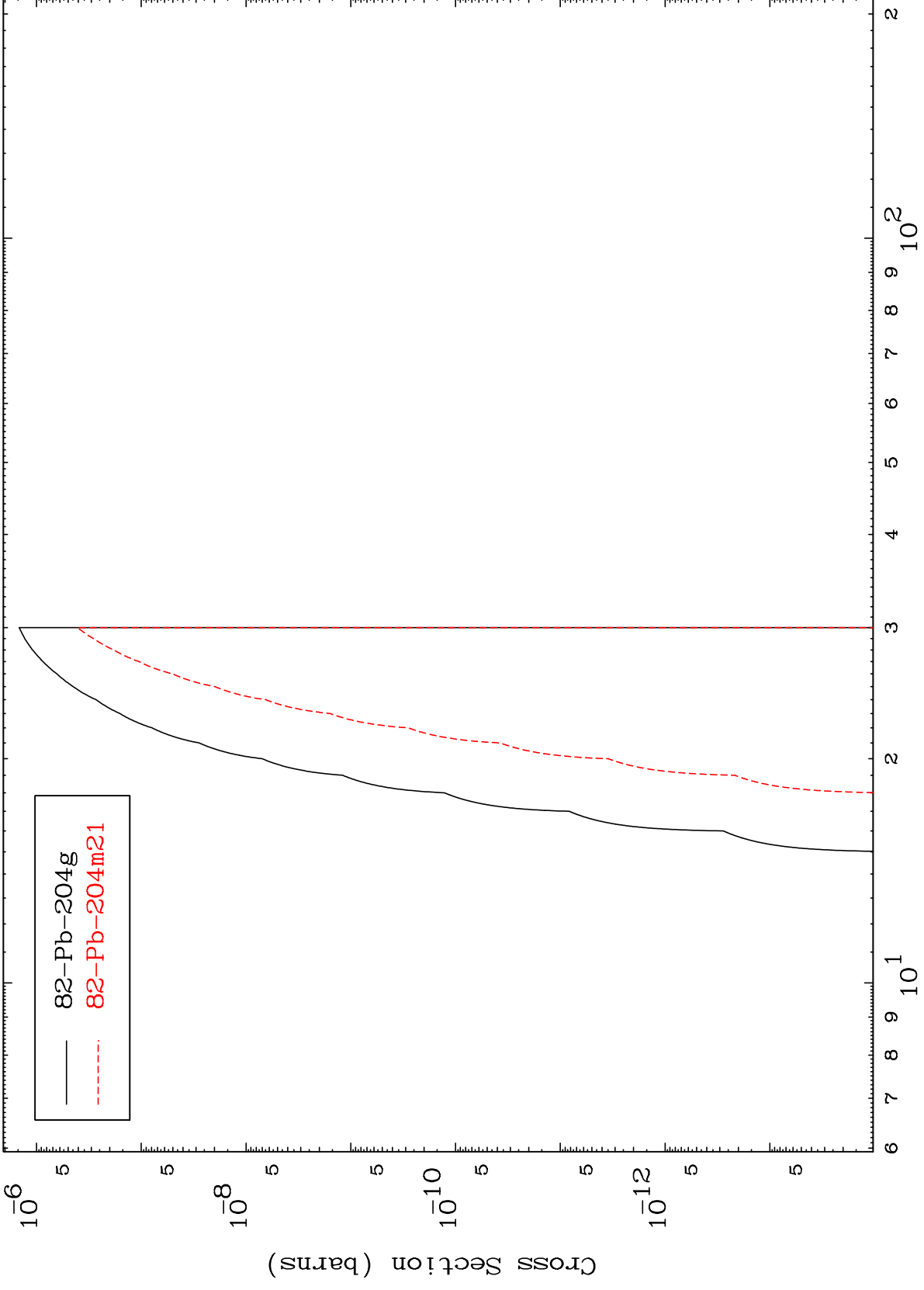


MAT 8428

(n,p) t

84-Po-207

Radionuclide Production Cross Section



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

144

Incident Energy (MeV)

84-Po-207