

Program EVALPLOT  
(Version 2015-2)

by

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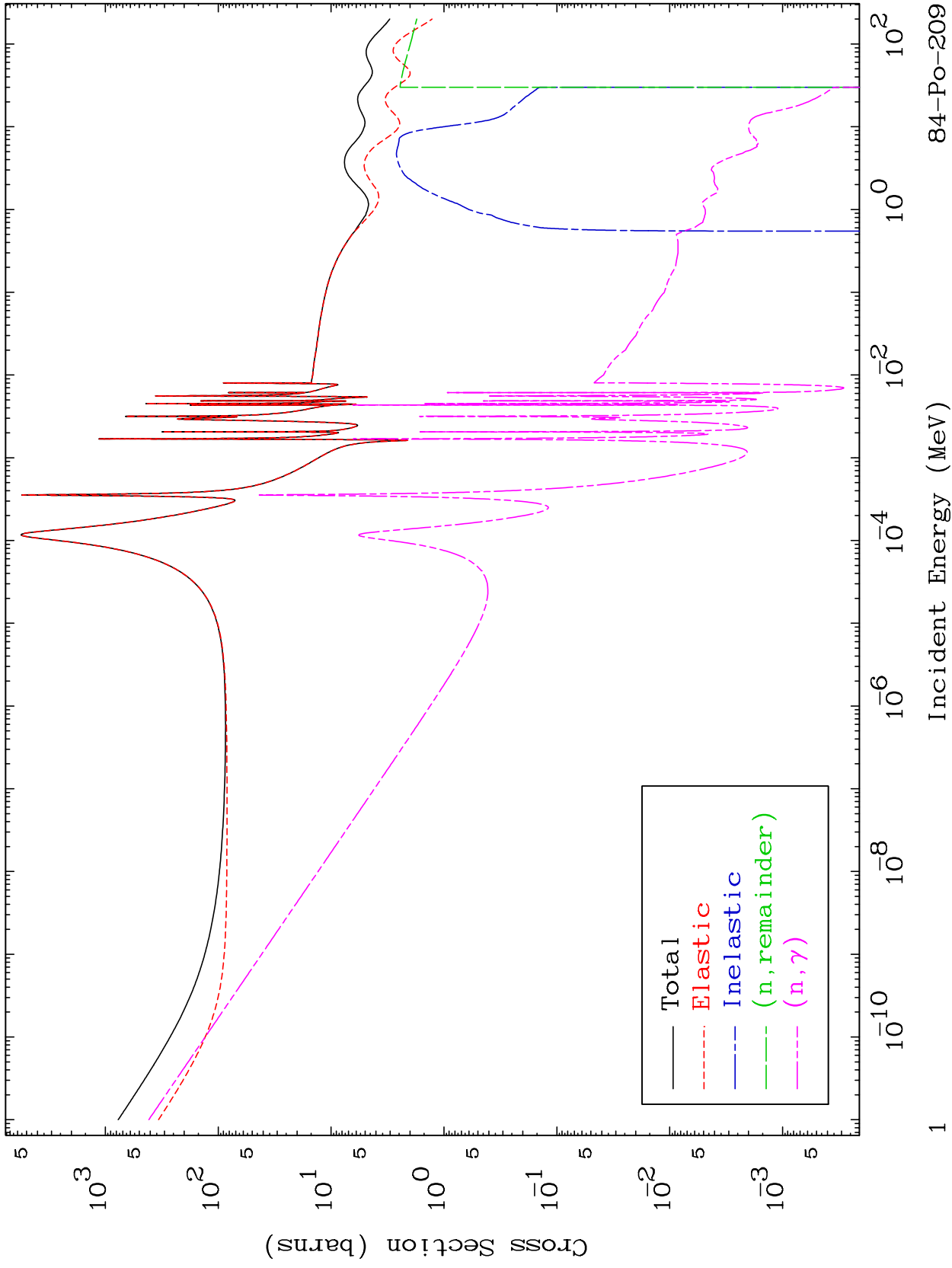
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8434

Major  
293 Kelvin Cross Sections

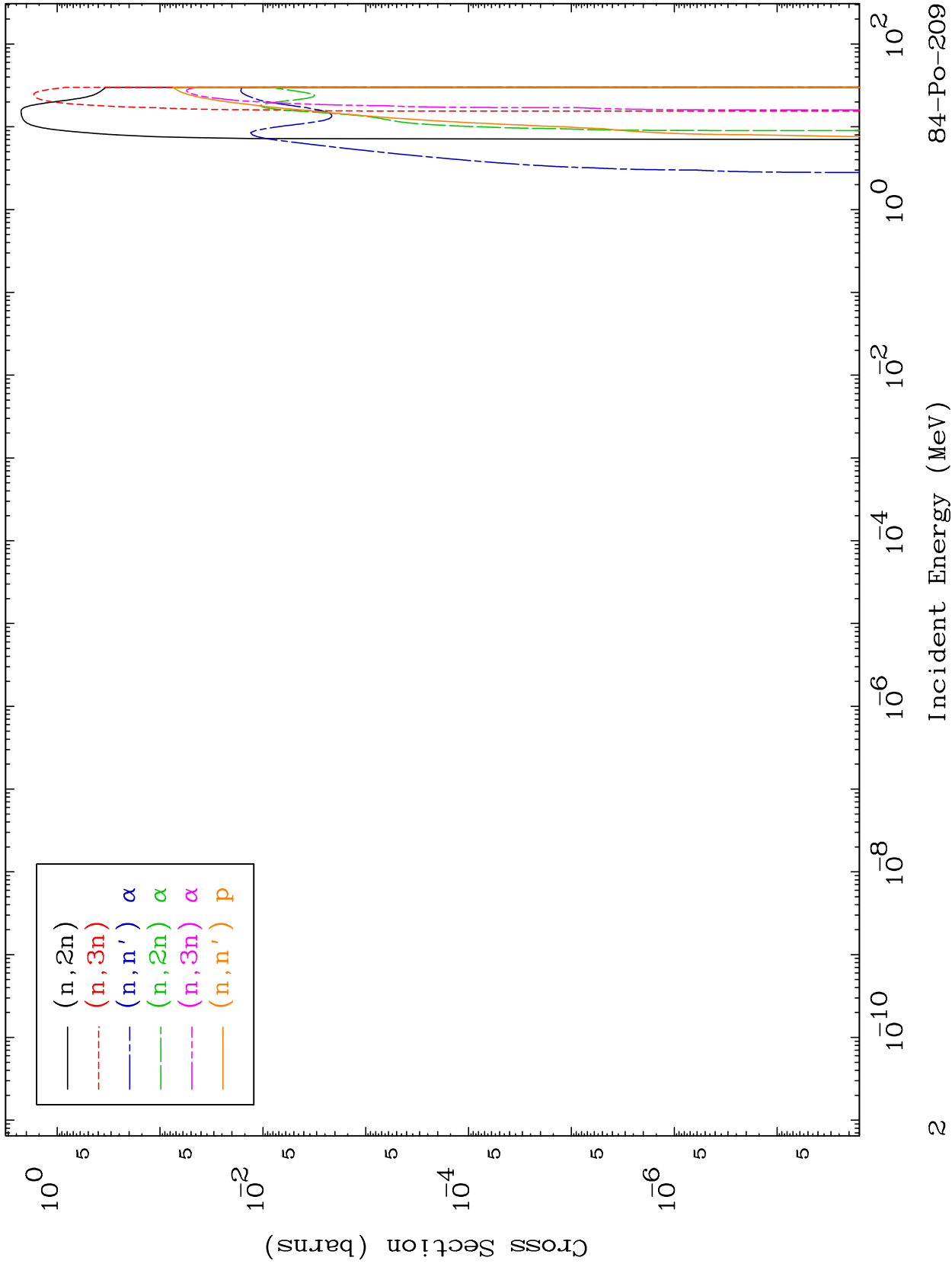
84-Po-209



MAT 8434

Neutron Production  
293 Kelvin Cross Sections

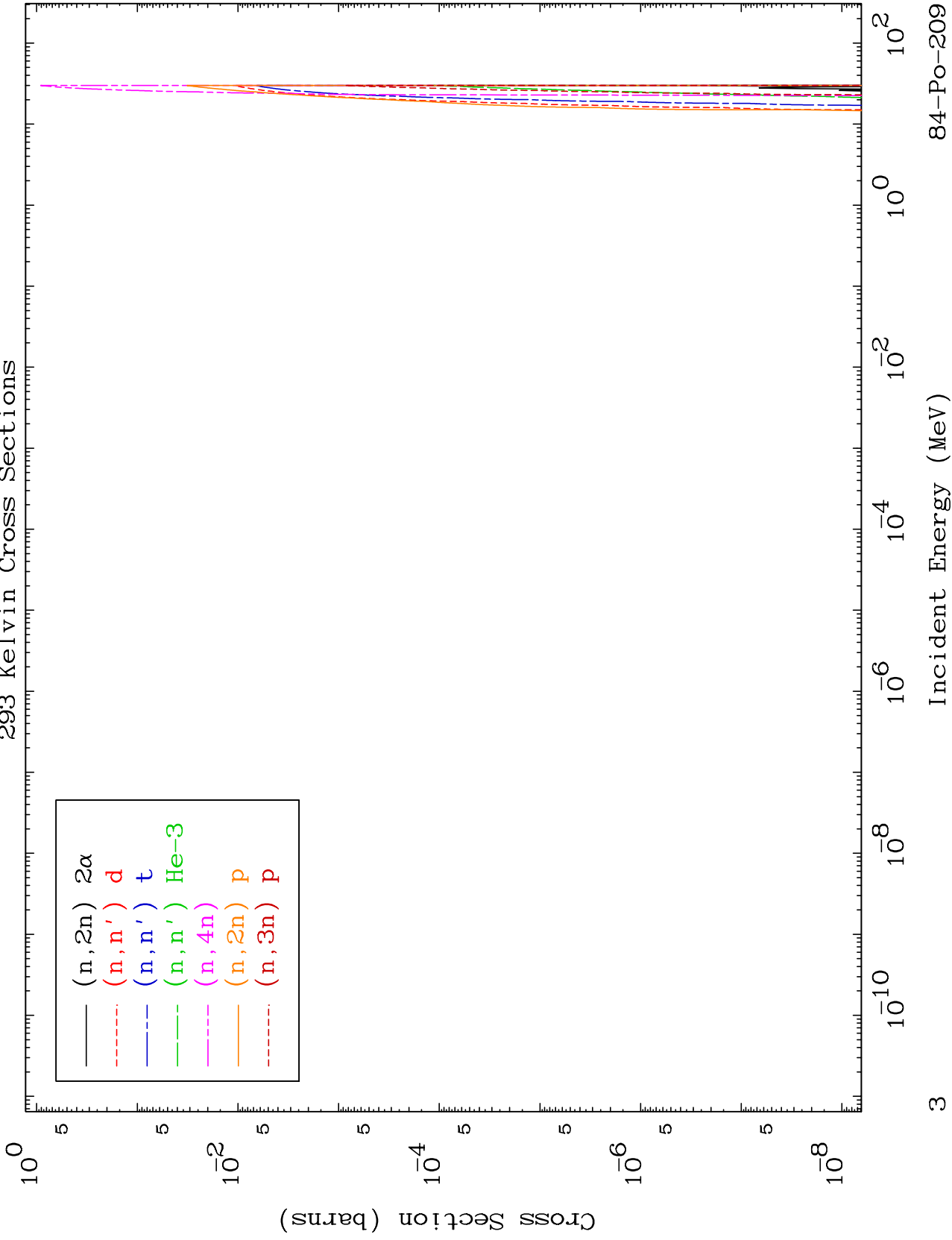
84-Po-209



MAT 8434

Neutron Production  
293 Kelvin Cross Sections

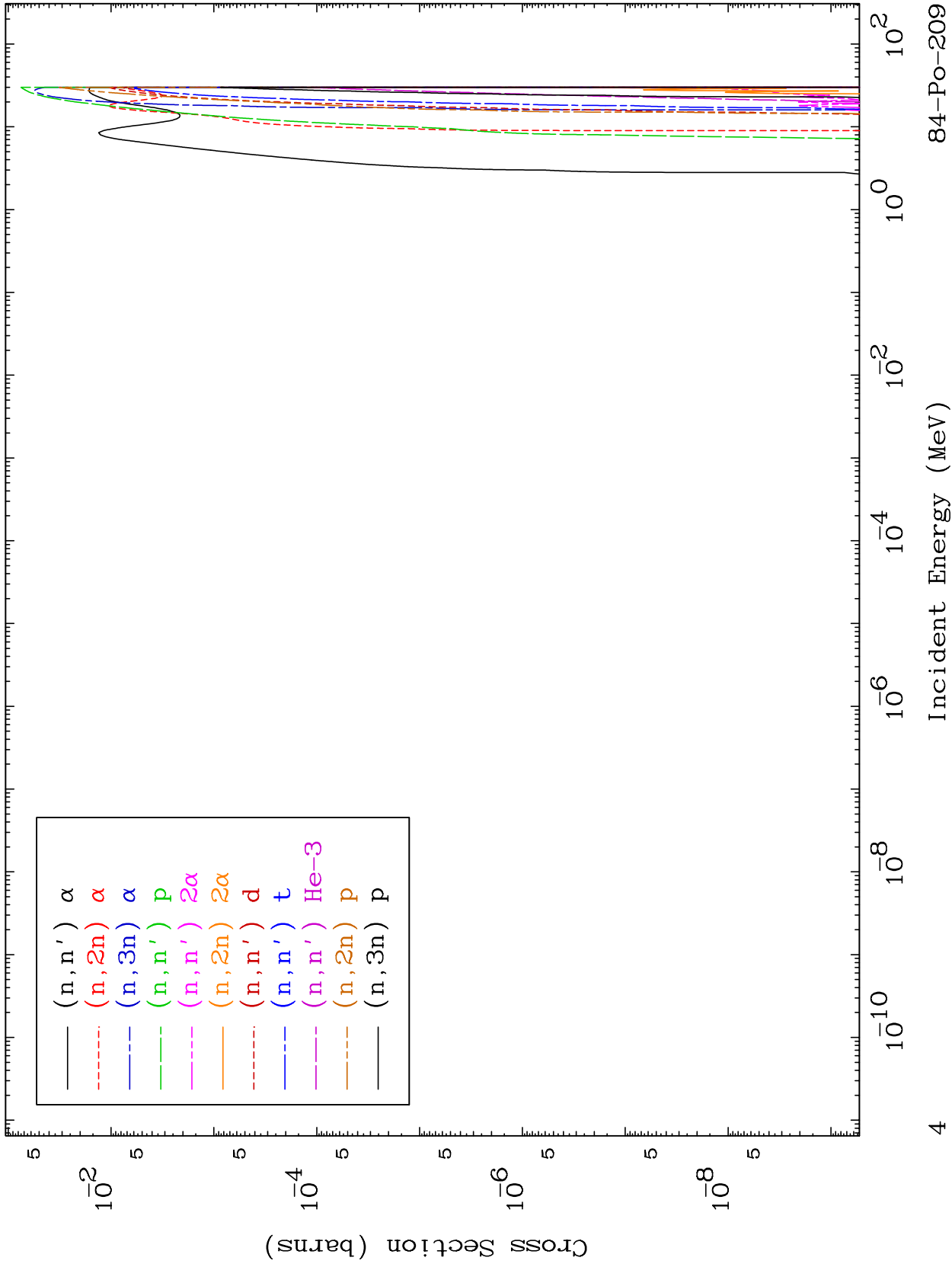
84-Po-209



MAT 8434

Charged Particle  
293 Kelvin Cross Sections

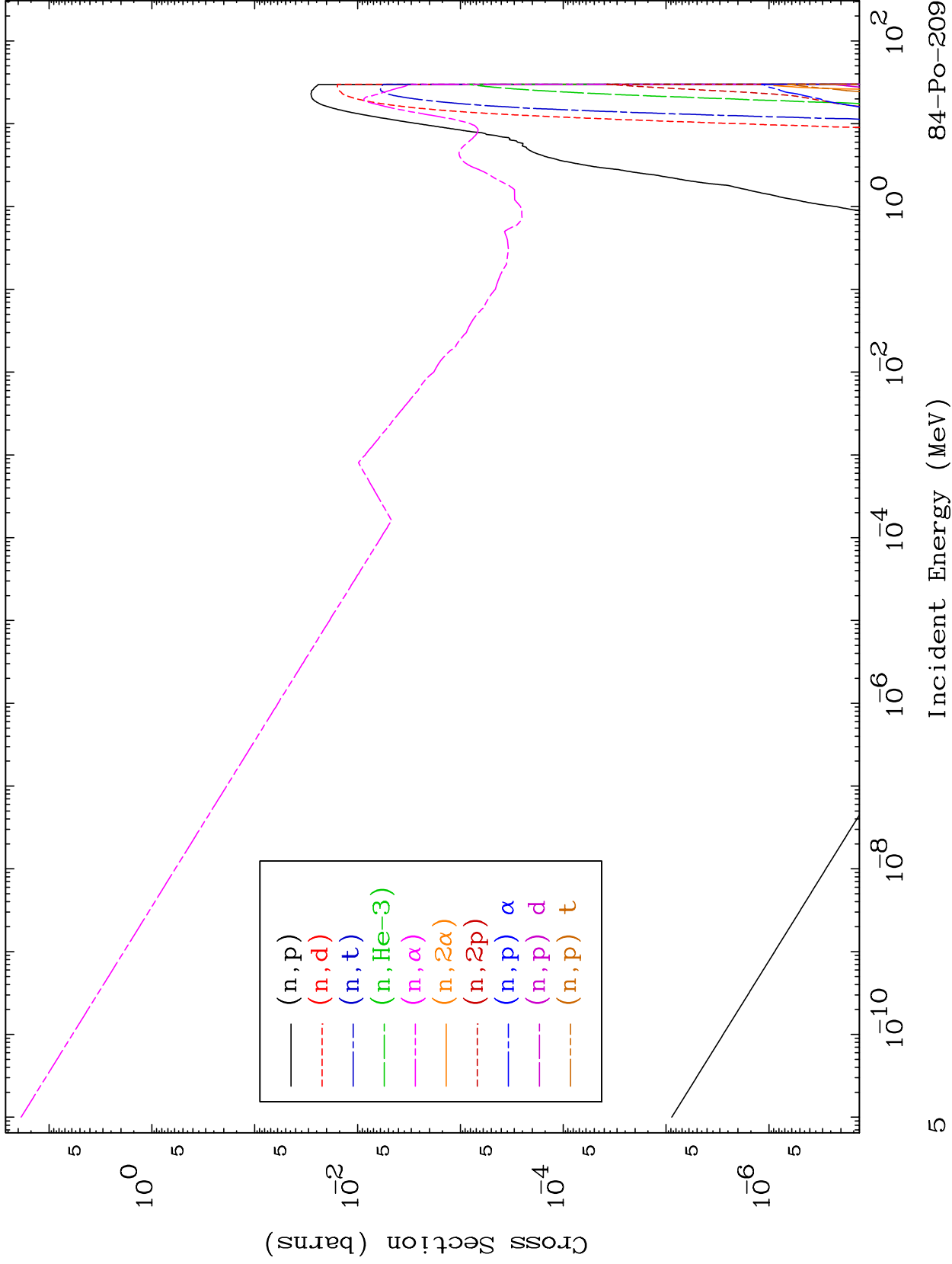
84-Po-209



MAT 8434

Charged Particle  
293 Kelvin Cross Sections

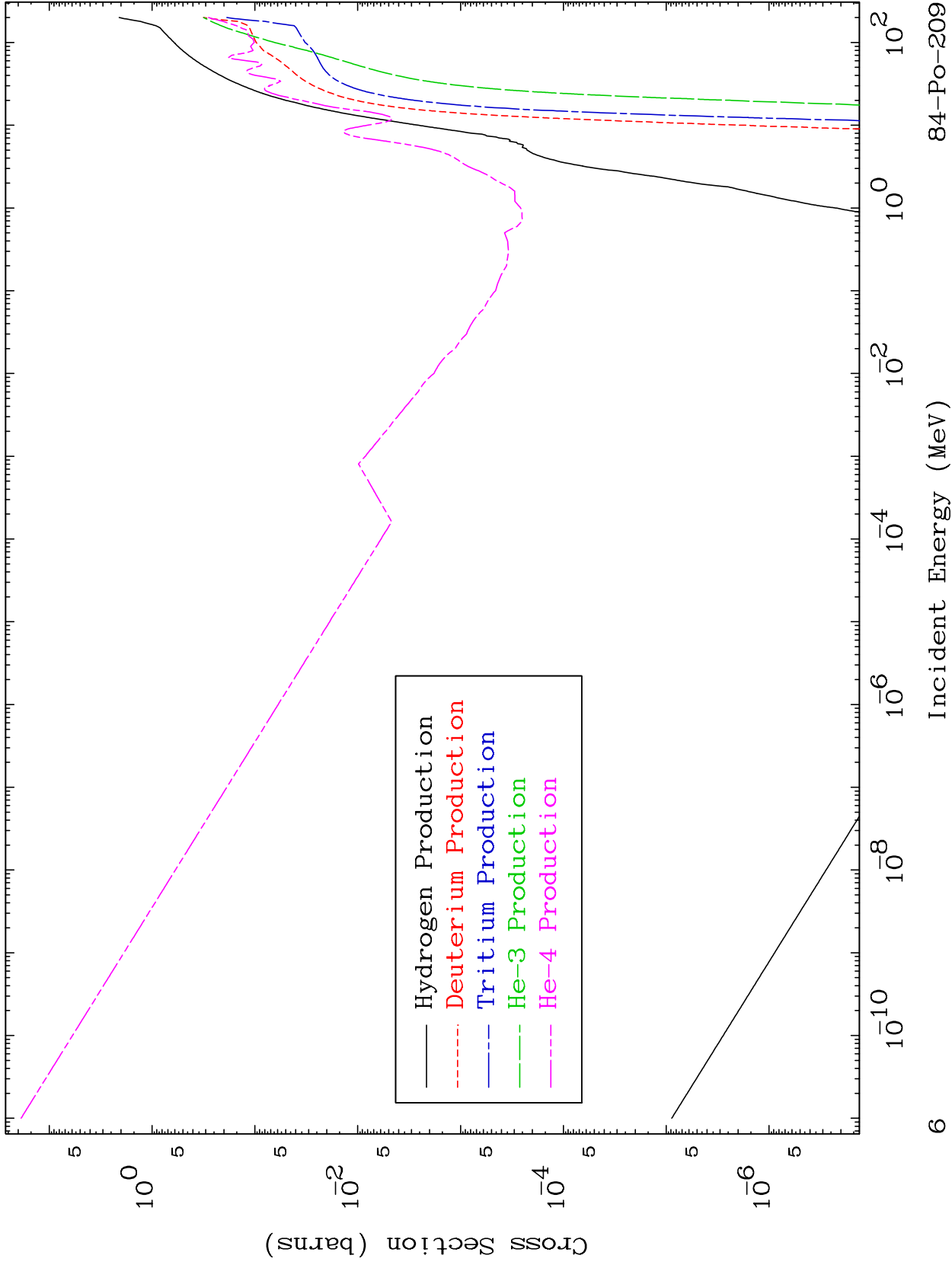
84-Po-209



MAT 8434

Particle Production  
293 Kelvin Cross Sections

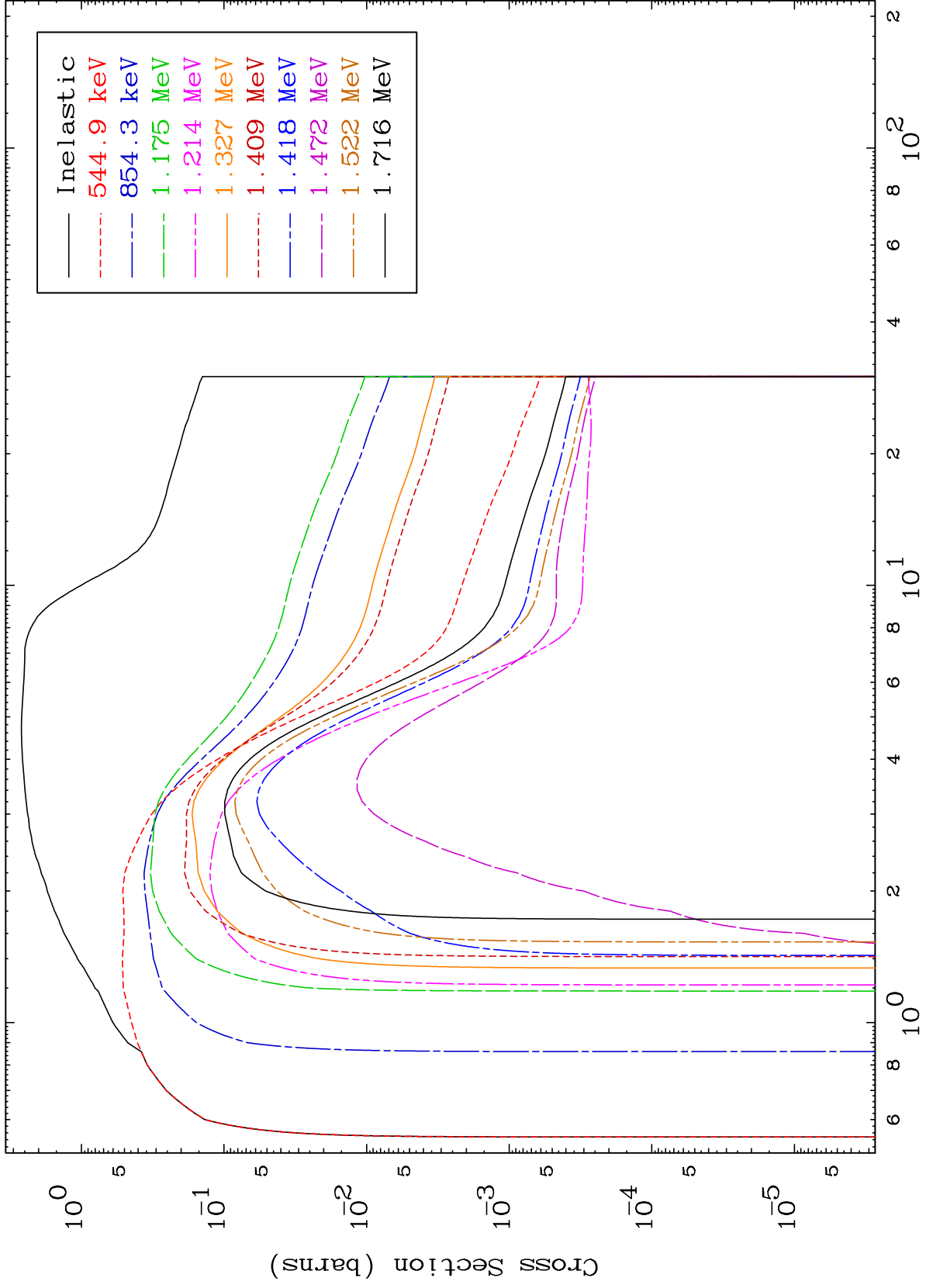
84-Po-209



MAT 8434

(n,n') Level  
293 Kelvin Cross Sections

84-Po-209



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Incident Energy (MeV)

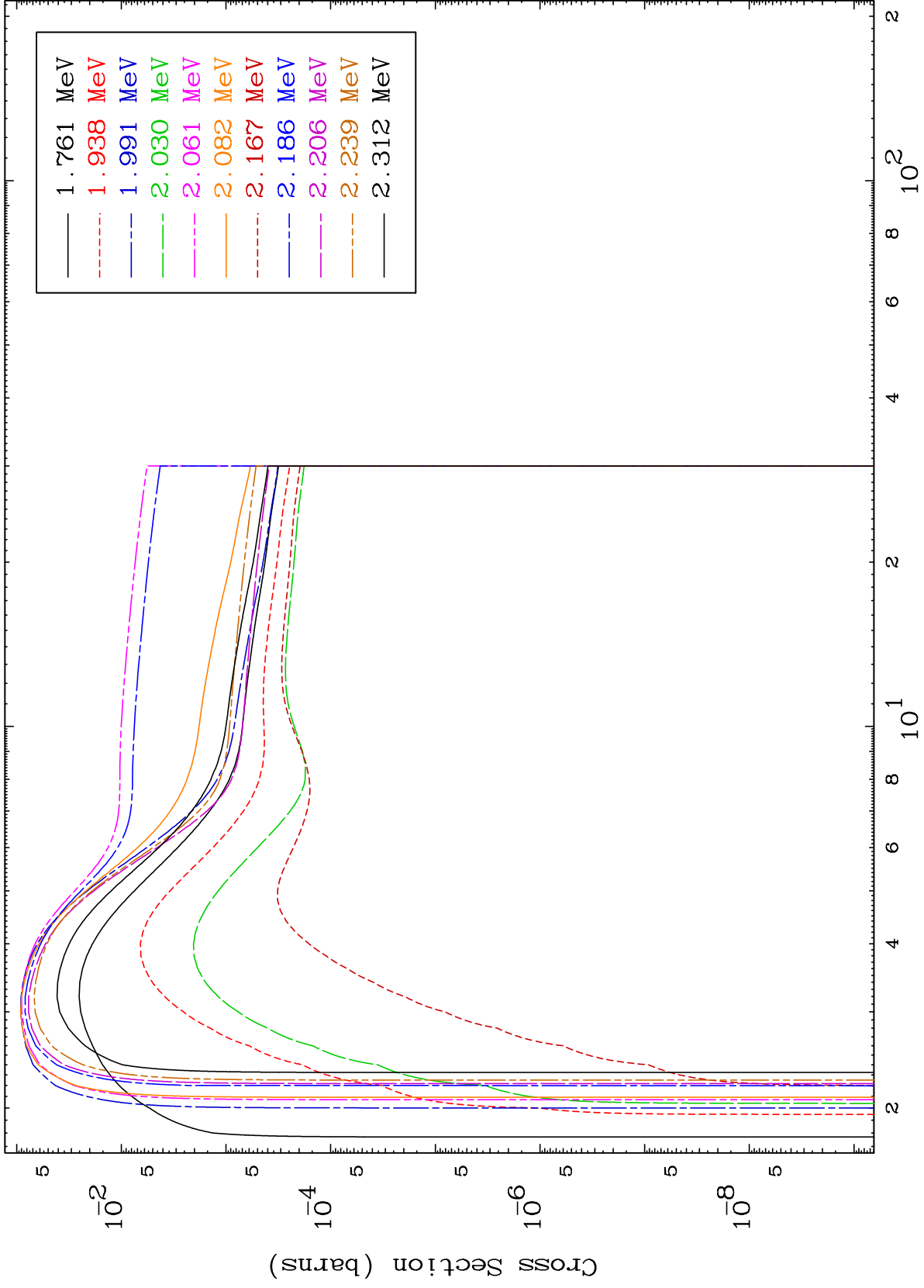
84-Po-209



MAT 8434

(n,n') Level  
293 Kelvin Cross Sections

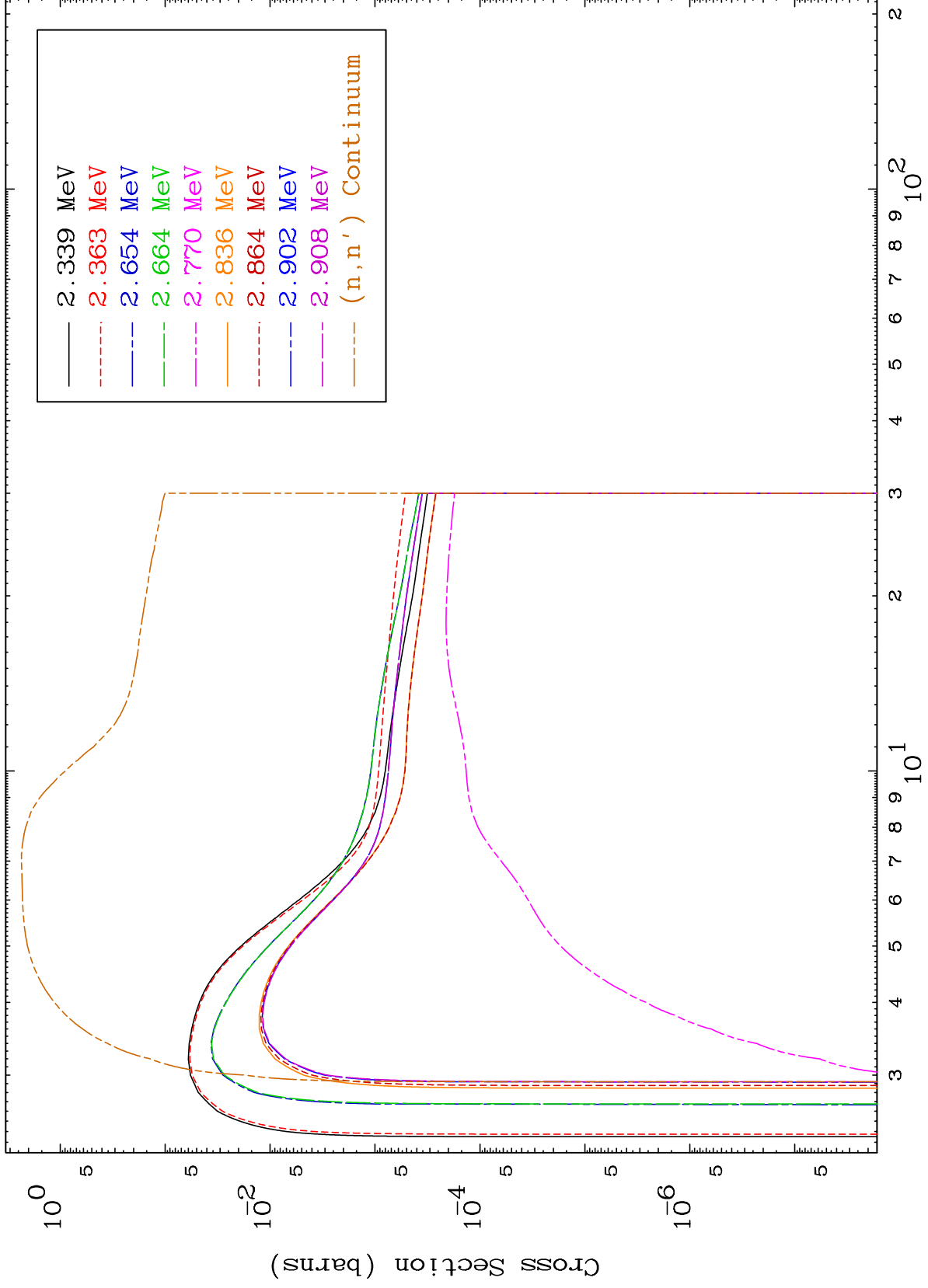
84-Po-209



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Incident Energy (MeV)

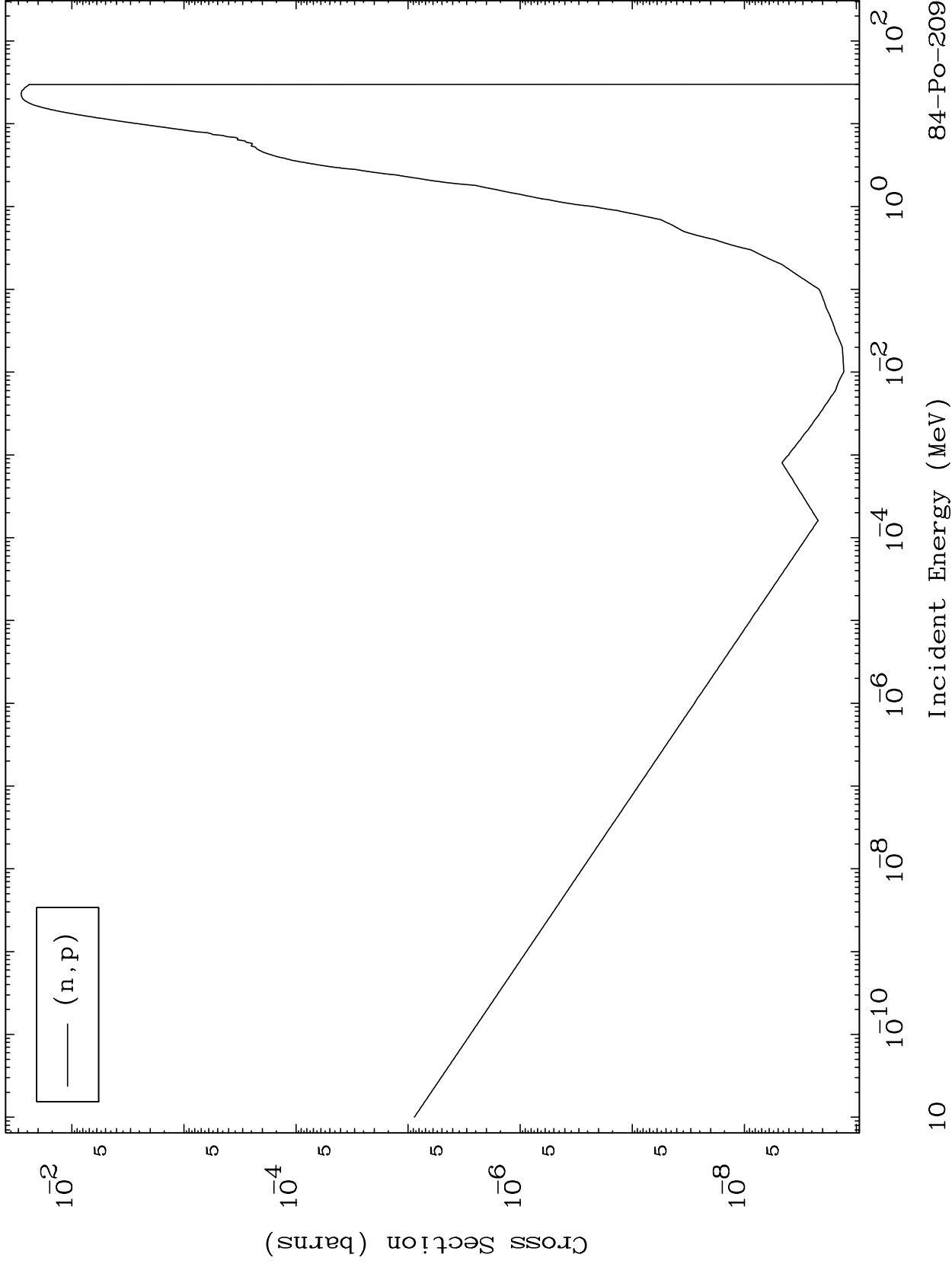
84-Po-209



MAT 8434

(n,p) Levels  
293 Kelvin Cross Sections

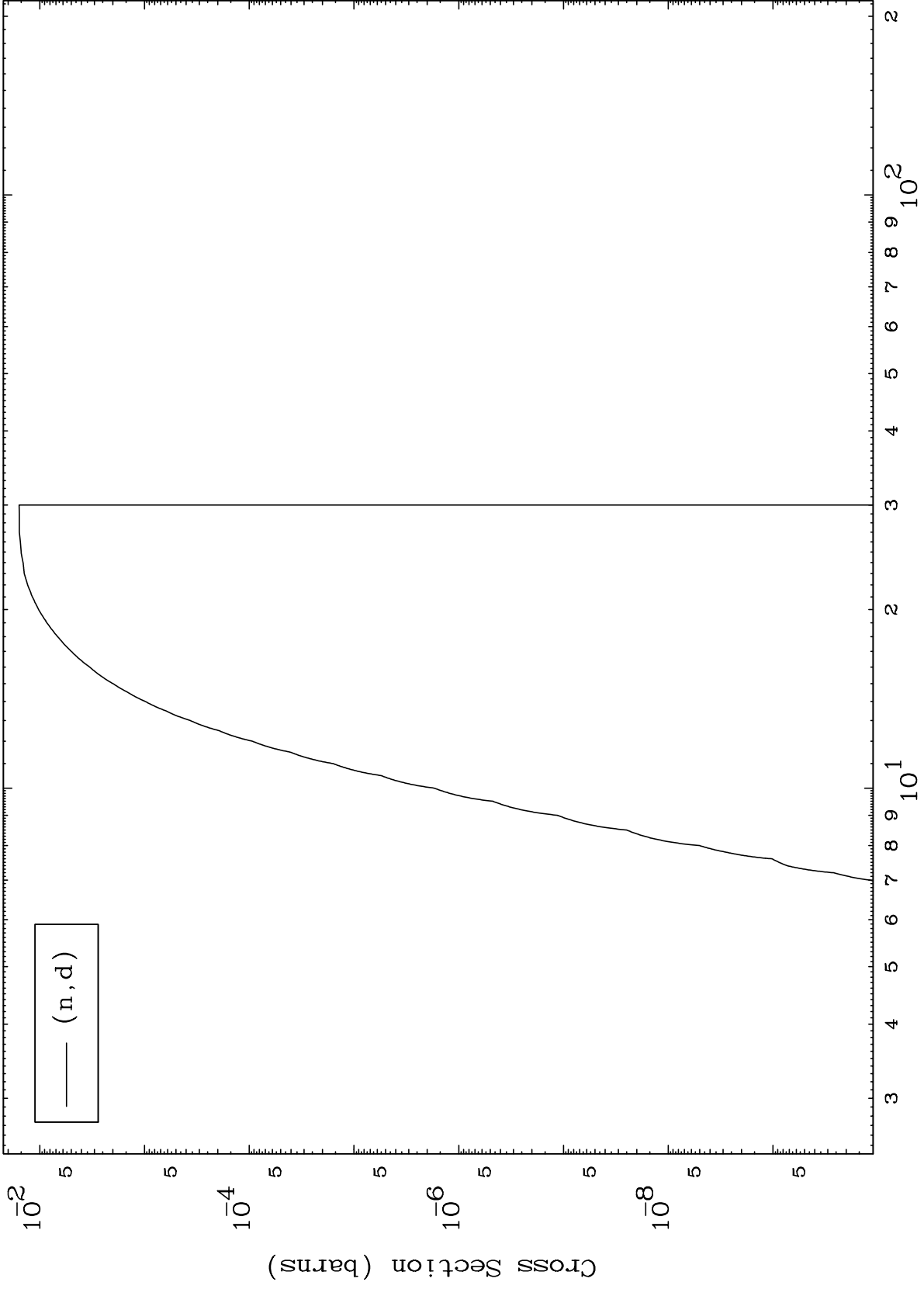
84-Po-209



MAT 8434

(n,d) Levels  
293 Kelvin Cross Sections

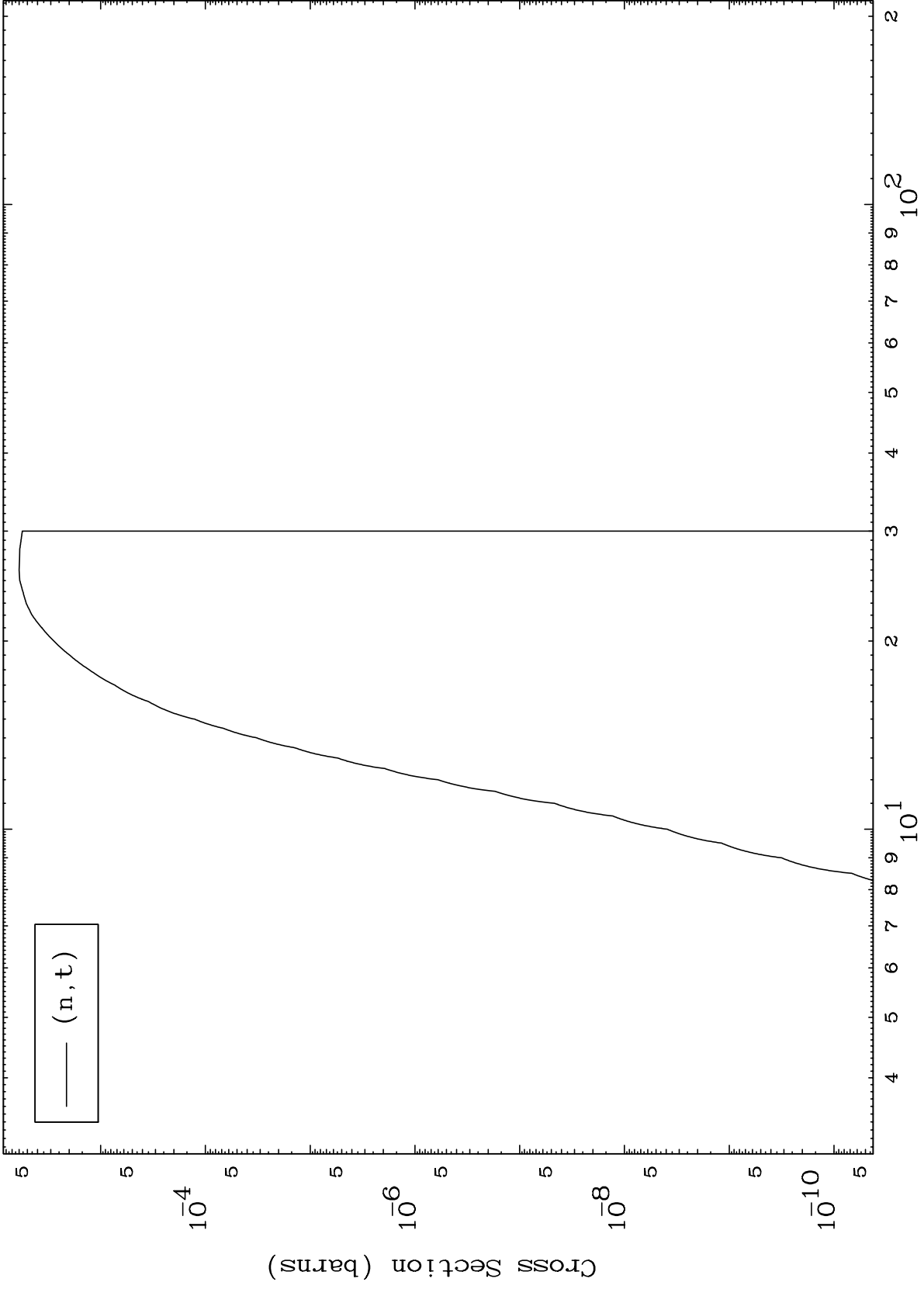
84-Po-209



MAT 8434

(n,t) Levels  
293 Kelvin Cross Sections

84-Po-209



(n,t)

12

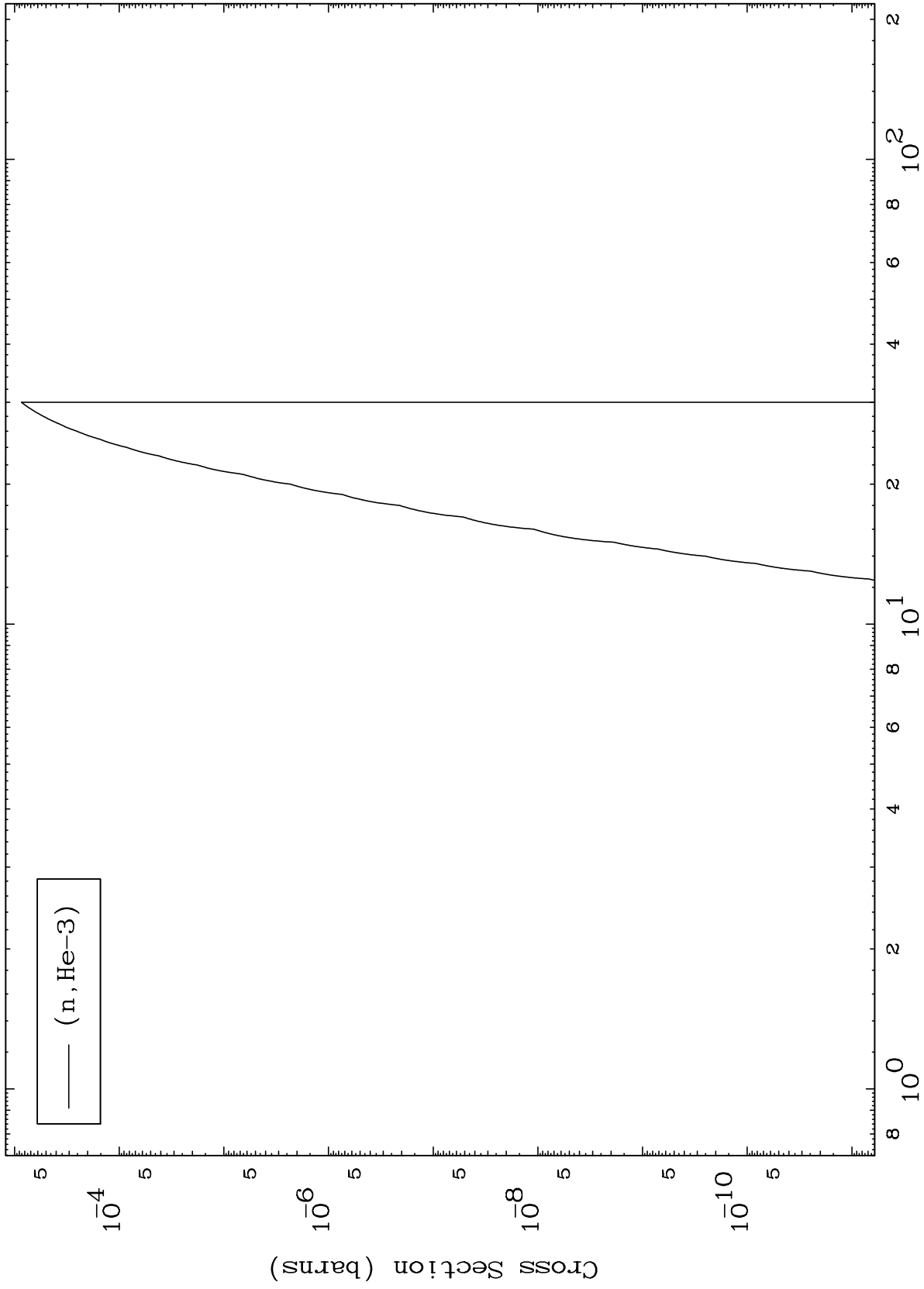
Incident Energy (MeV)

84-Po-209

MAT 8434

(n,He3) Levels  
293 Kelvin Cross Sections

84-Po-209



13

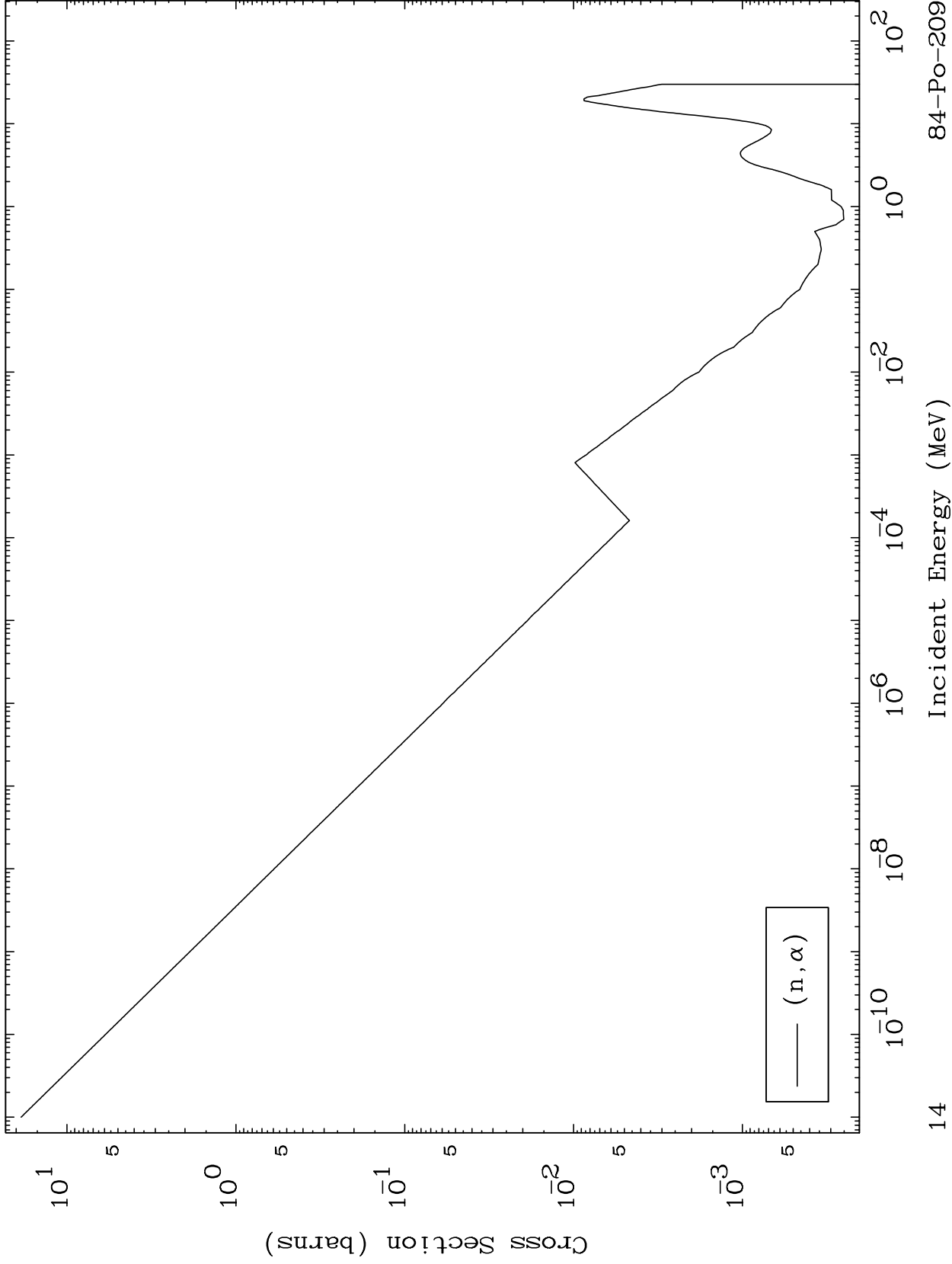
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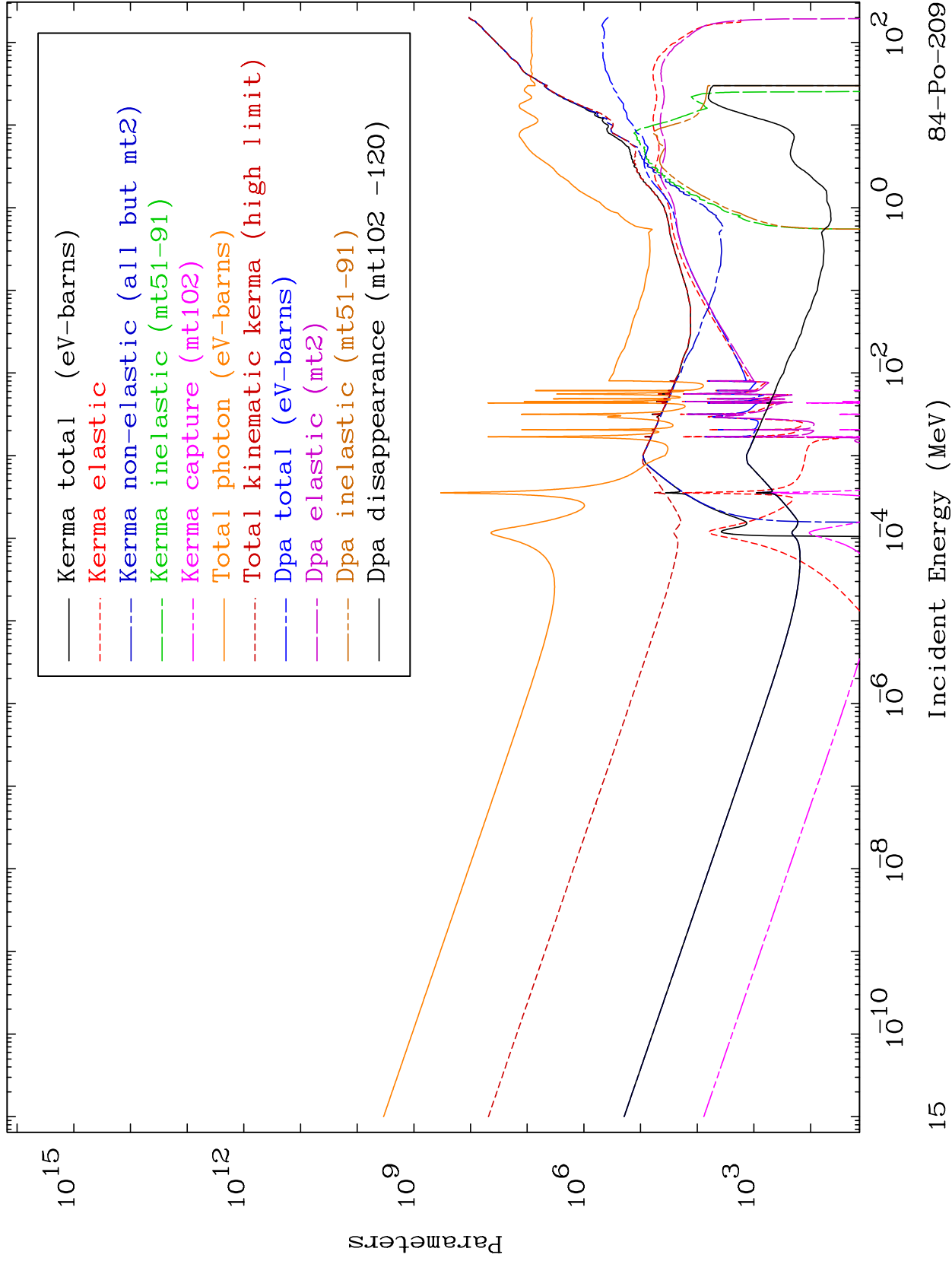
84-Po-209

MAT 8434

(n,α) Levels  
293 Kelvin Cross Sections

84-Po-209



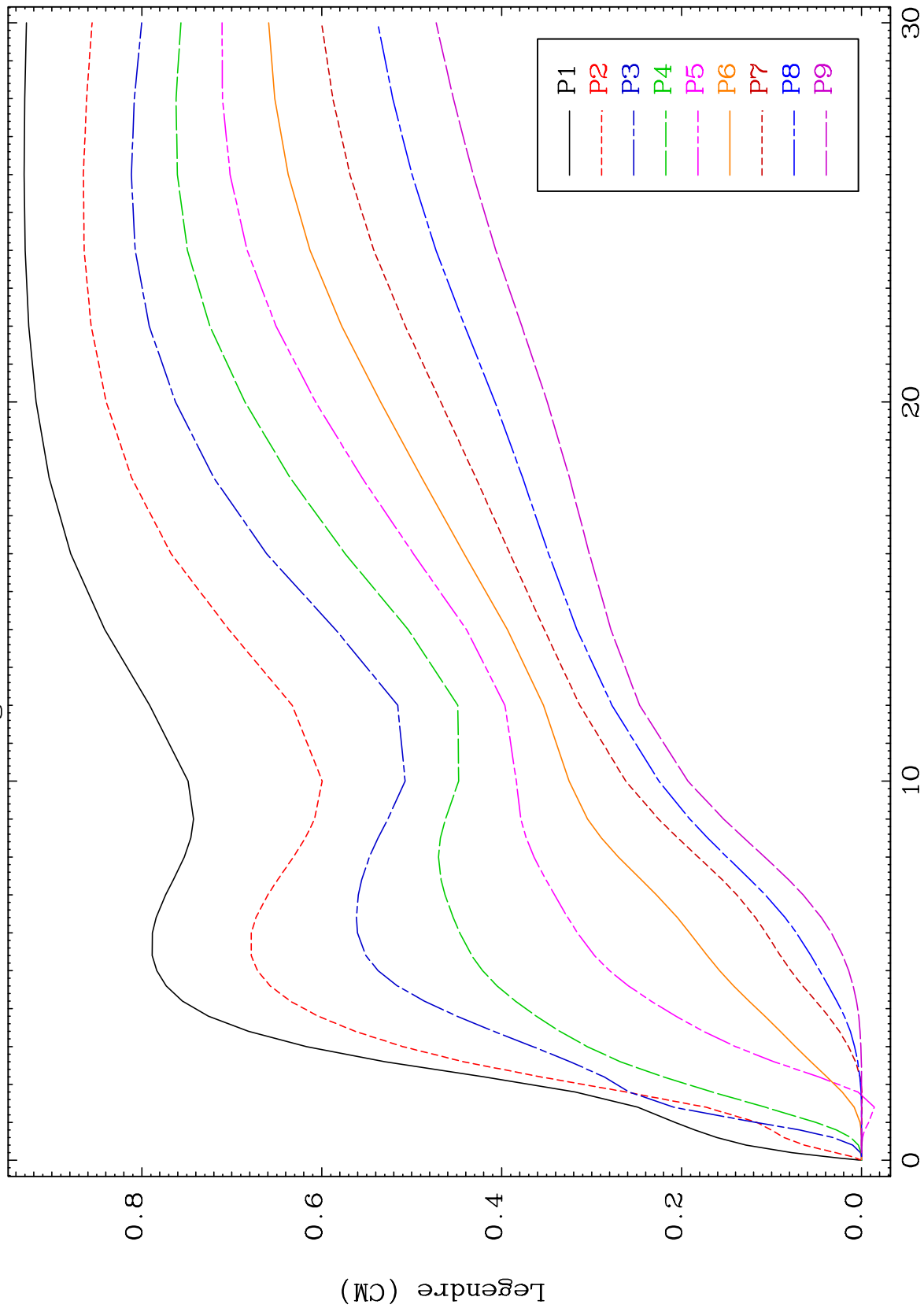




MAT 8434

Elastic Legendre Coefficients

84-Po-209



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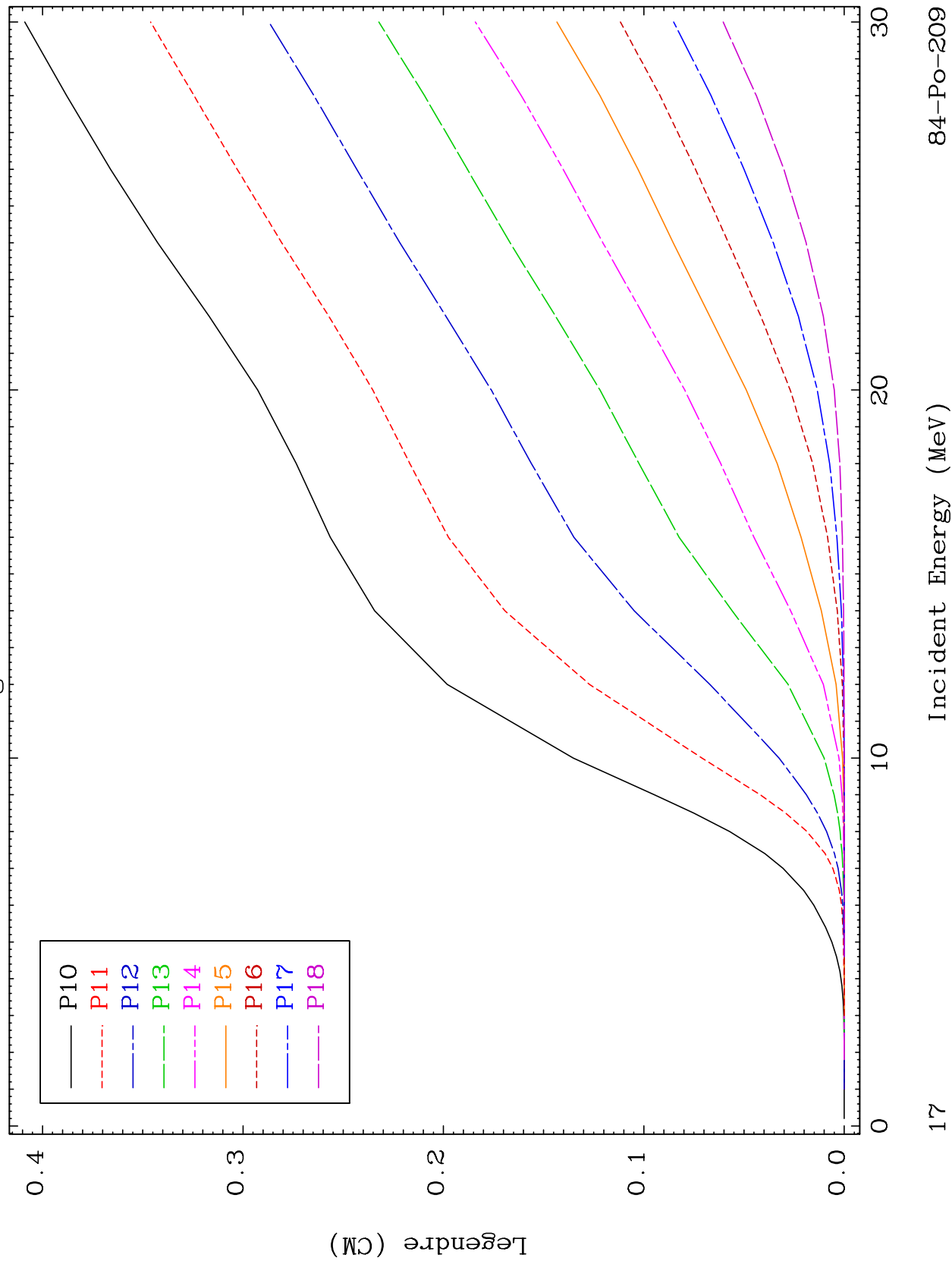
Incident Energy (MeV)

84-Po-209

MAT 8434

Elastic Legendre Coefficients

84-Po-209

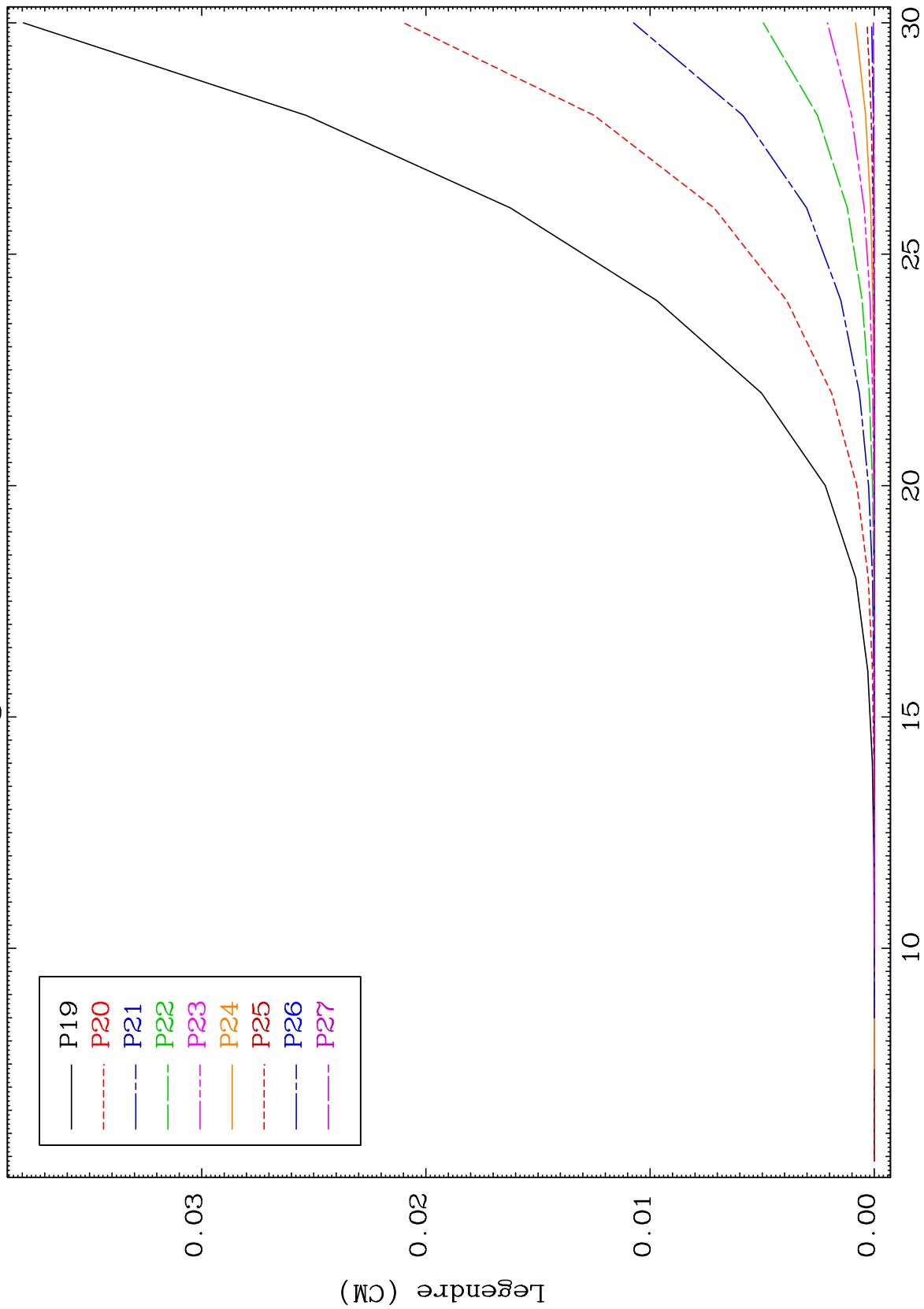


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MAT 8434

### Elastic Legendre Coefficients

84-Po-209



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Incident Energy (MeV)

84-Po-209

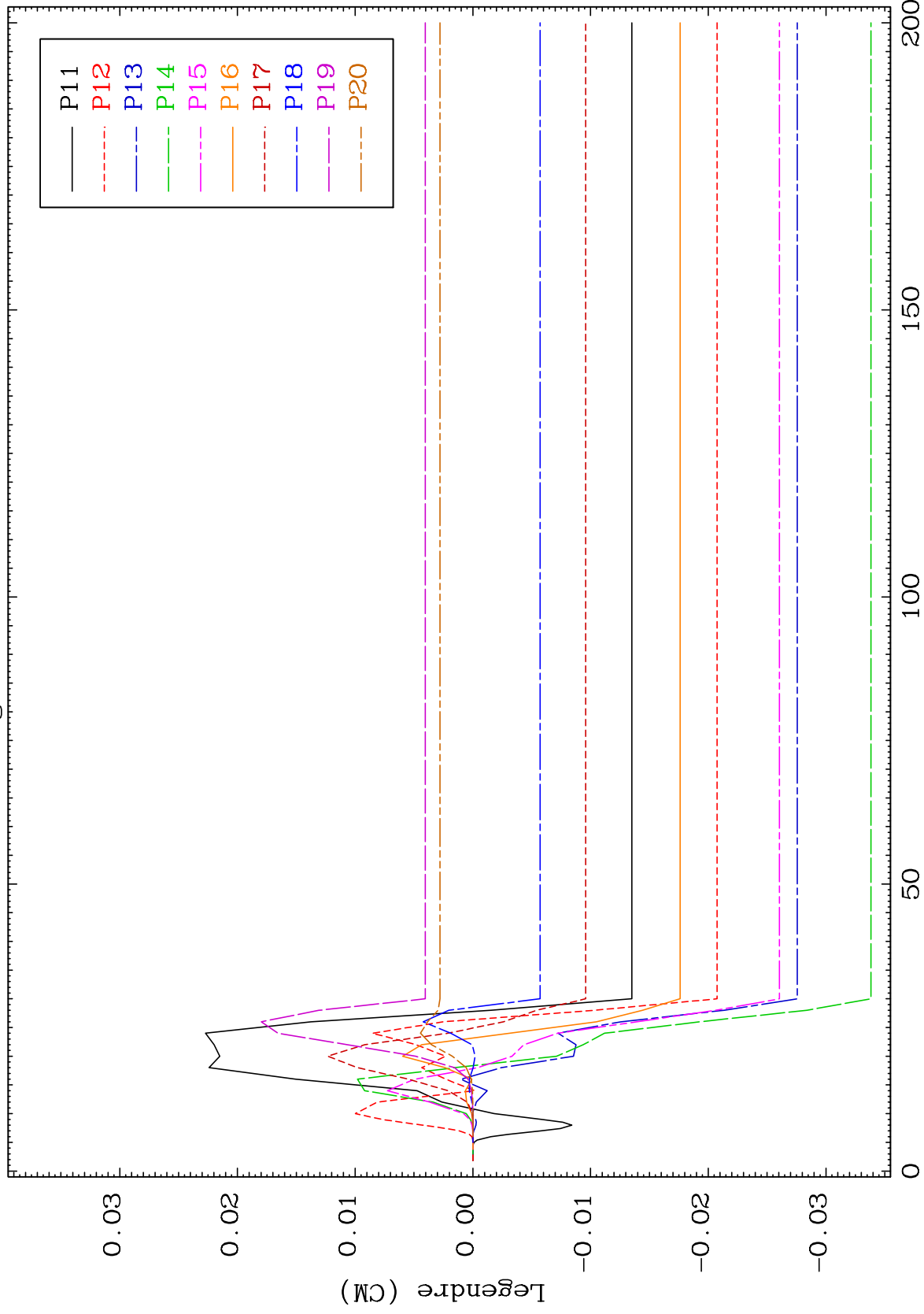


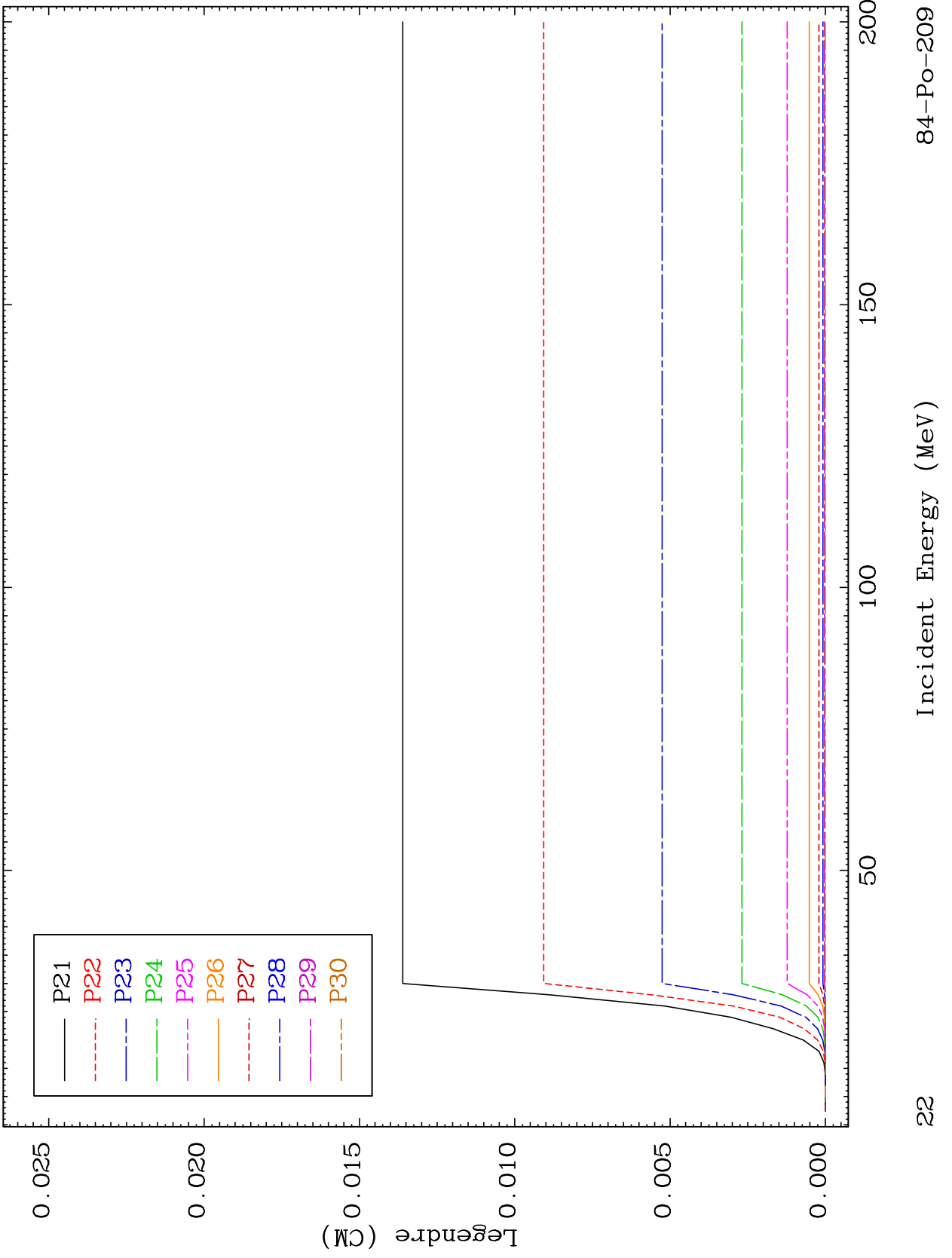


MAT 8434

544.9 keV (n,n') Level  
Legendre Coefficients

84-Po-209

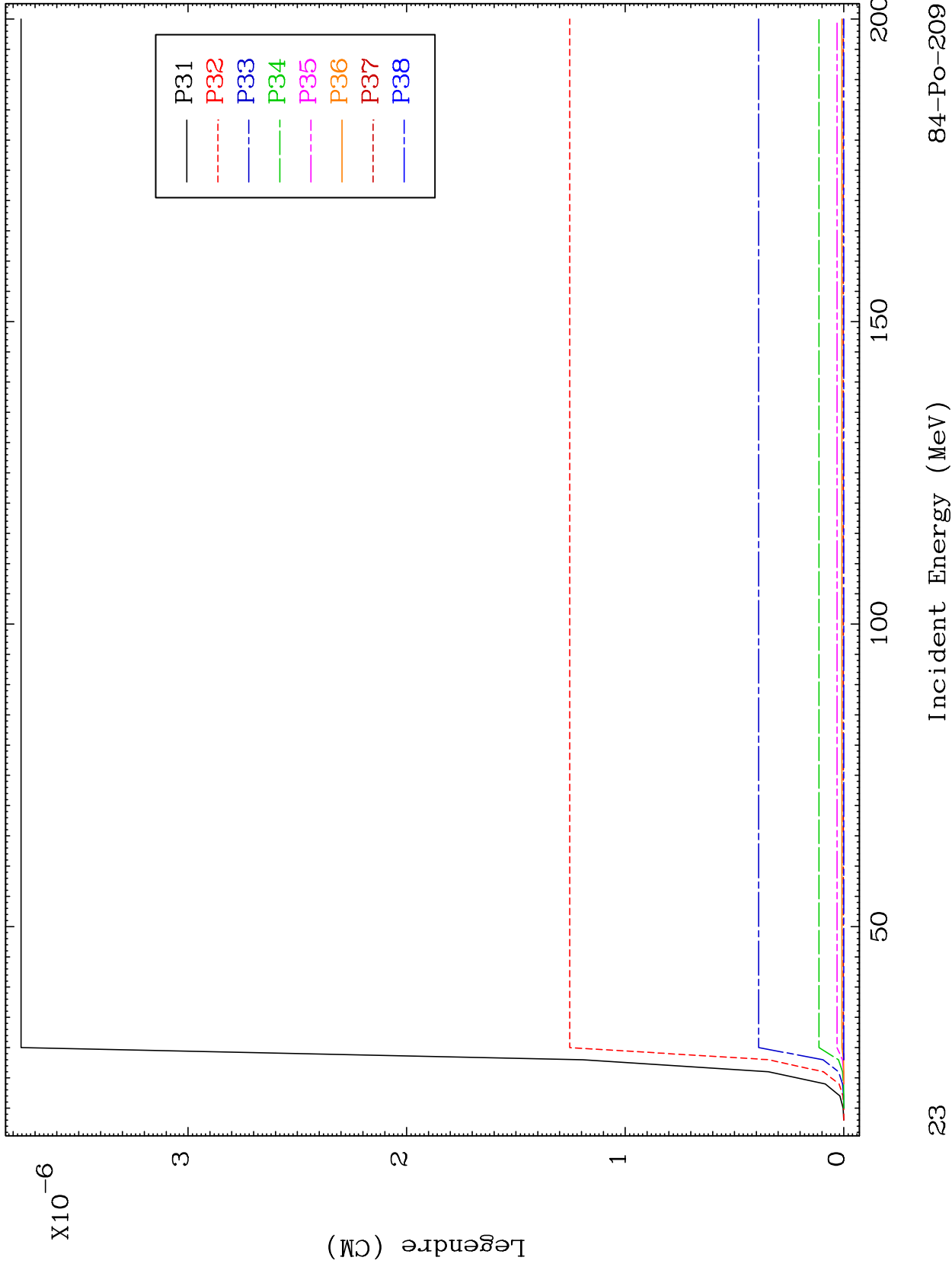




MAT 8434

544.9 keV (n,n') Level  
Legendre Coefficients

84-Po-209

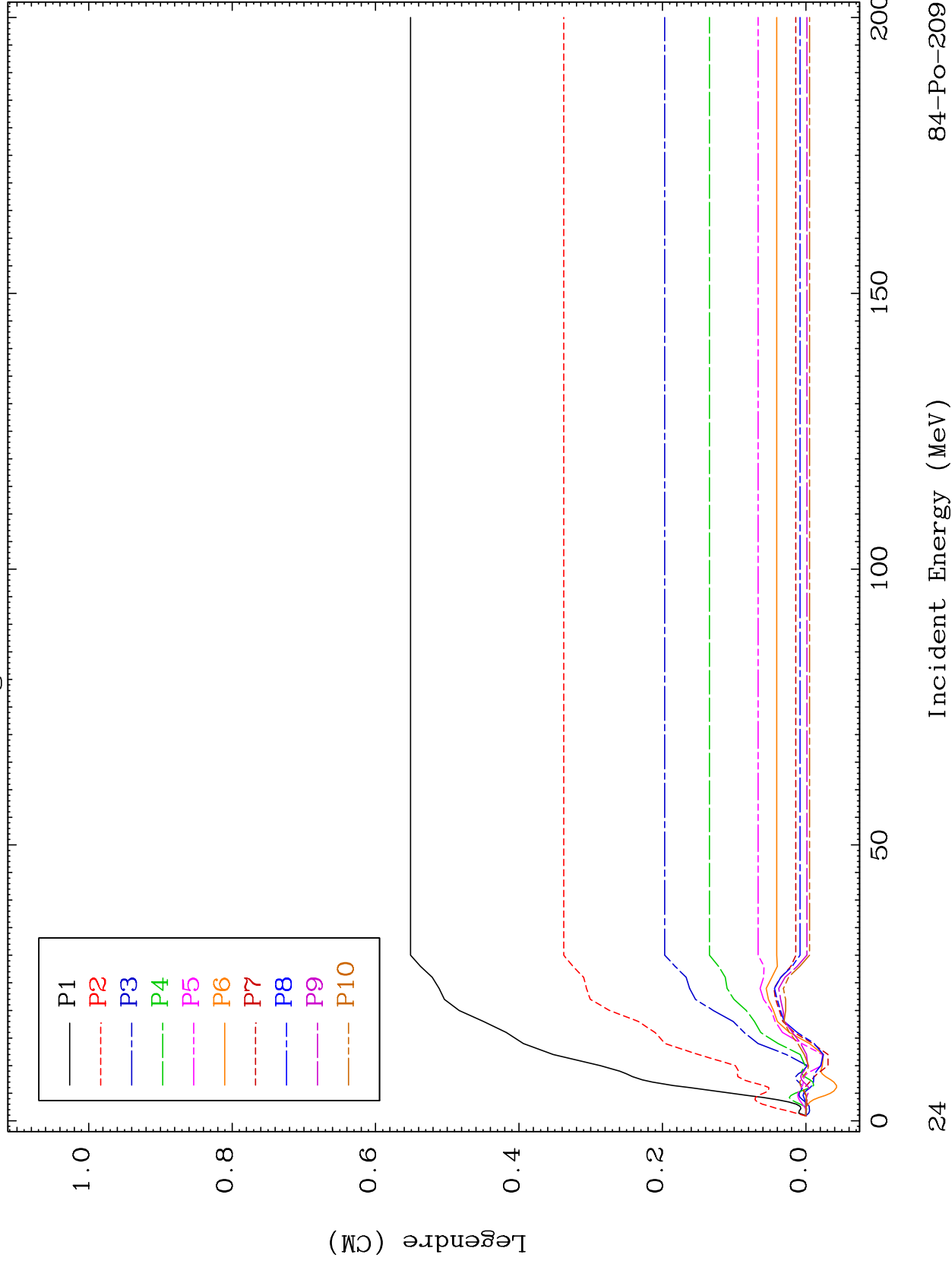




MAT 8434

854.3 keV (n,n') Level  
Legendre Coefficients

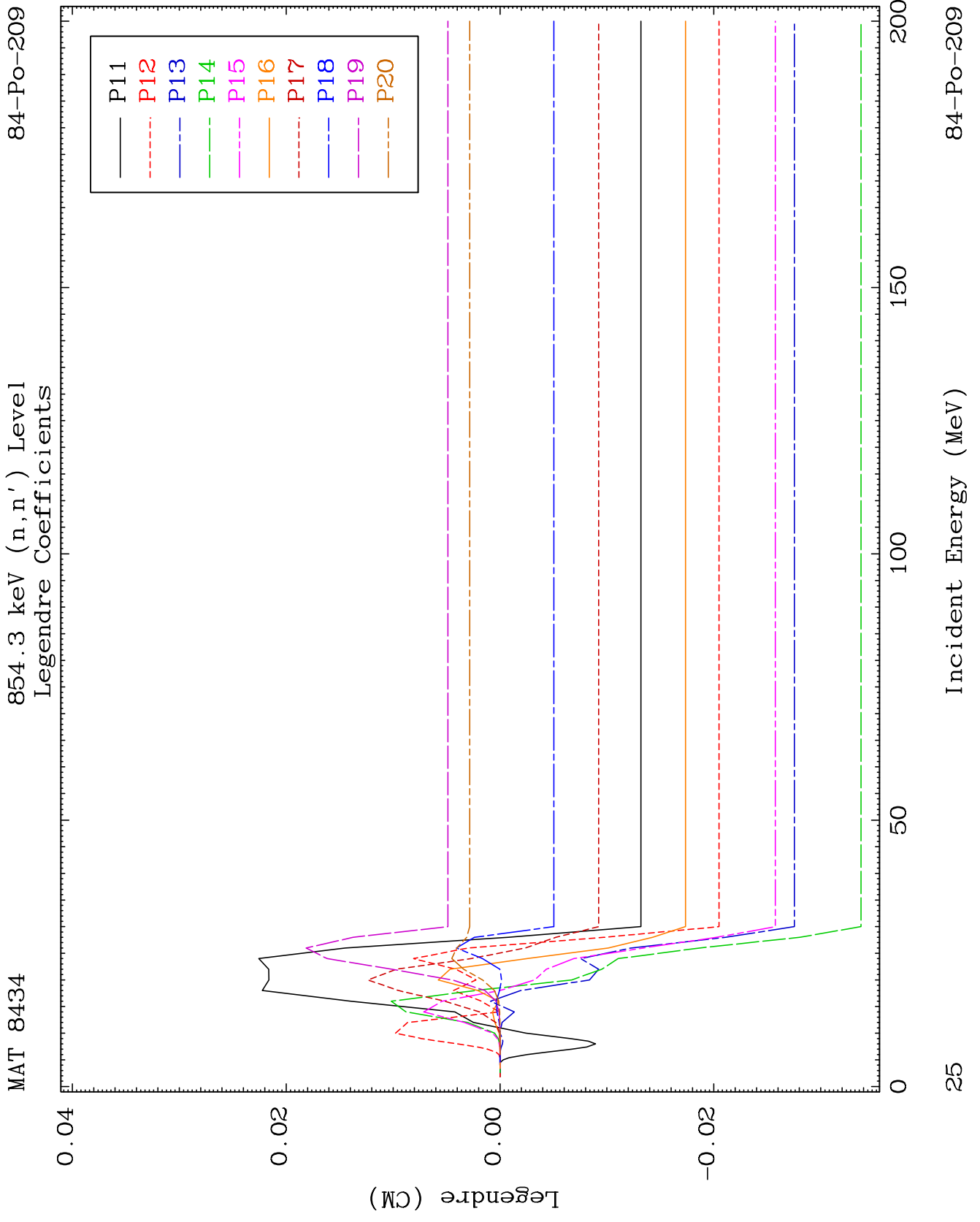
84-Po-209

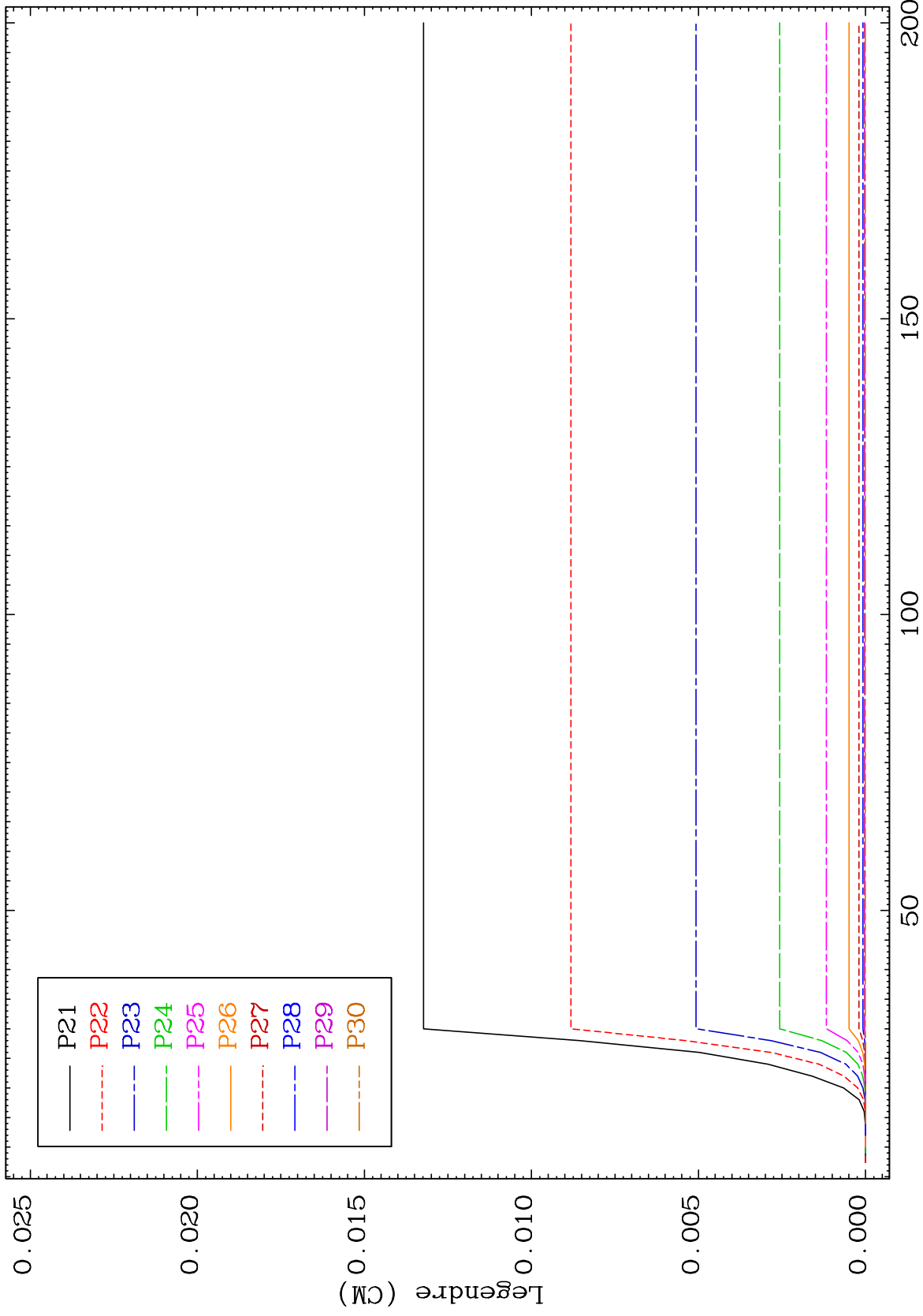


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Incident Energy (MeV)

84-Po-209

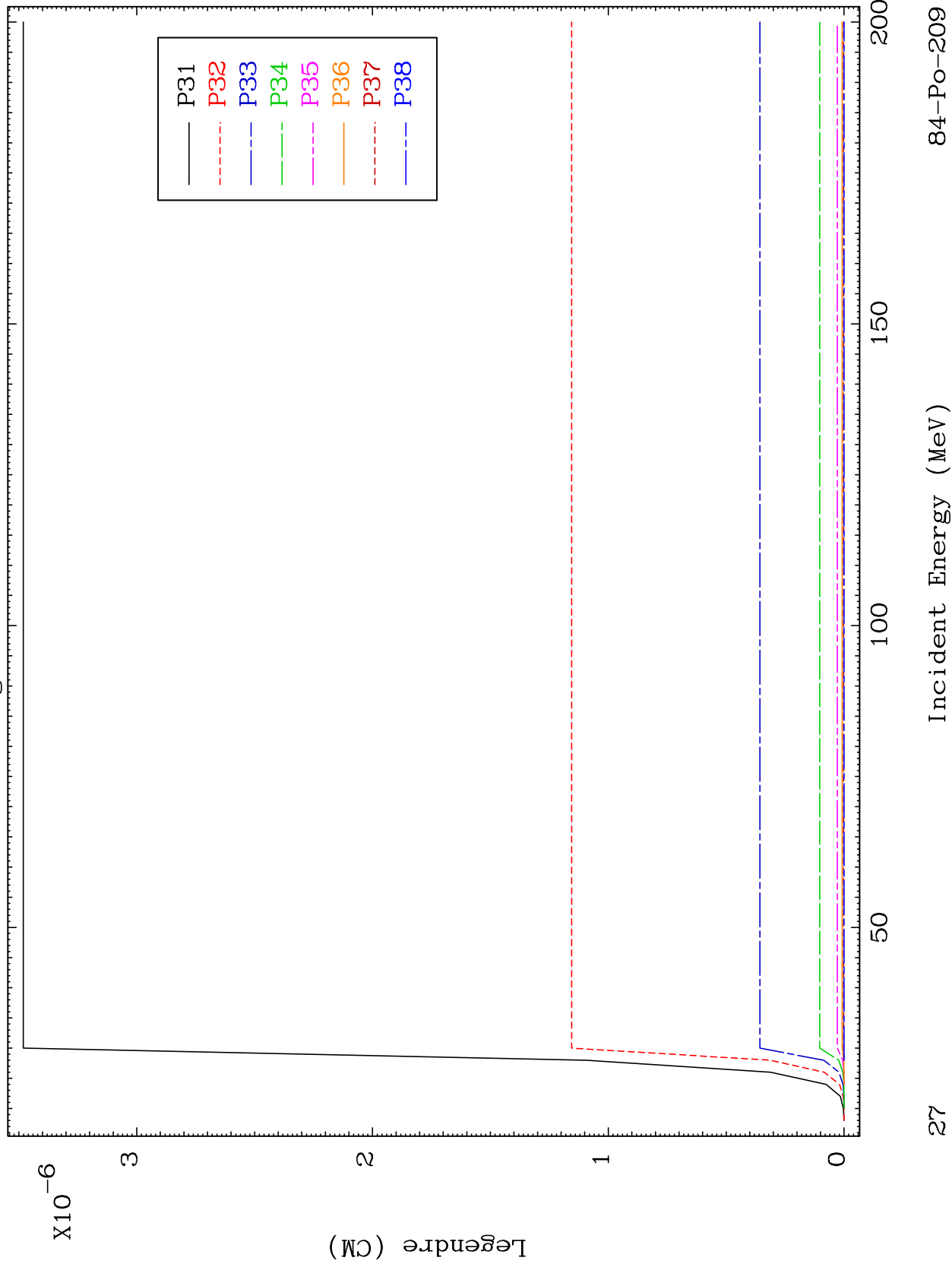




MAT 8434

854.3 keV (n,n') Level  
Legendre Coefficients

84-Po-209



27

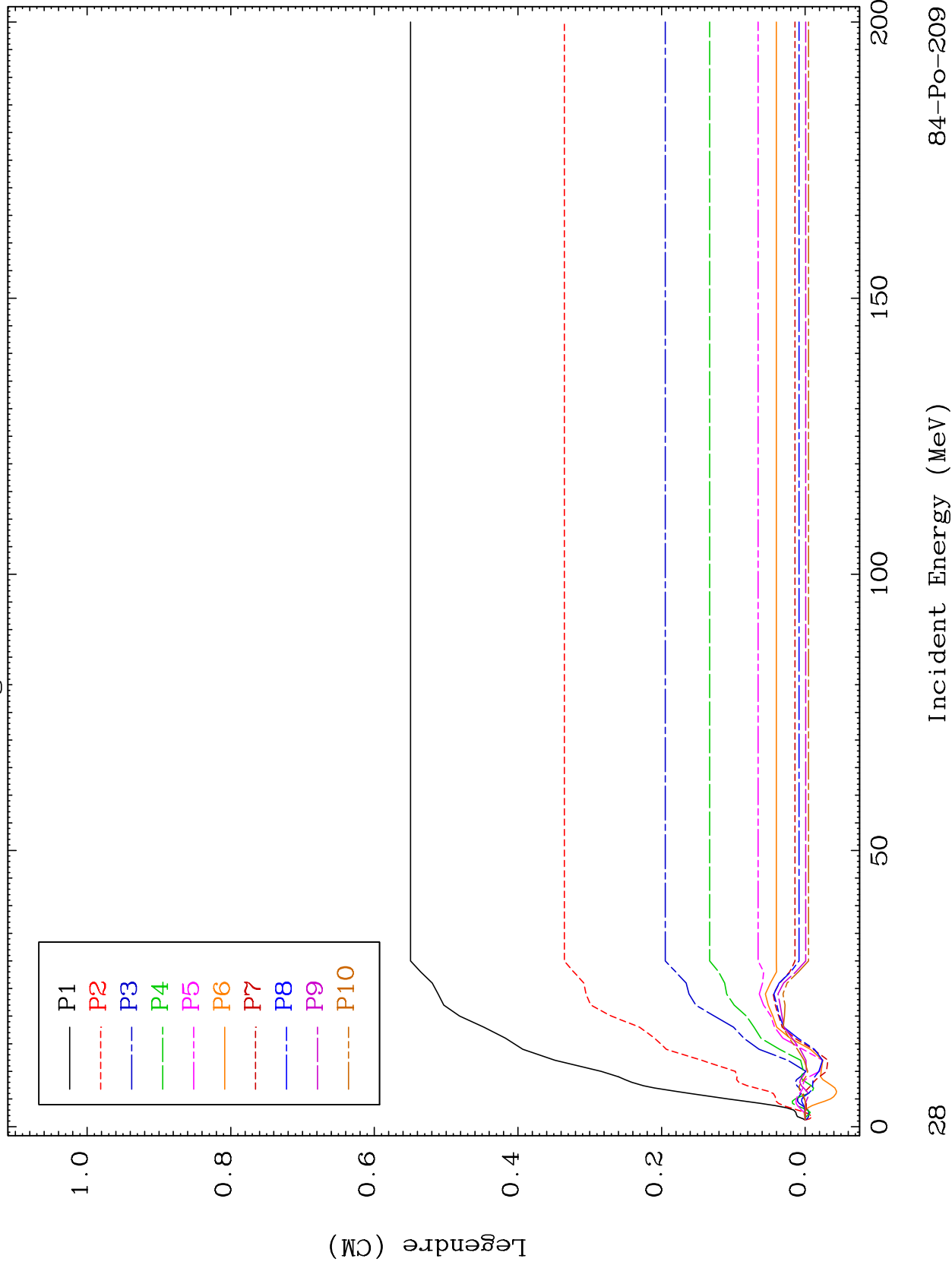
Incident Energy (MeV)

84-Po-209

MAT 8434

1.175 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



84-Po-209

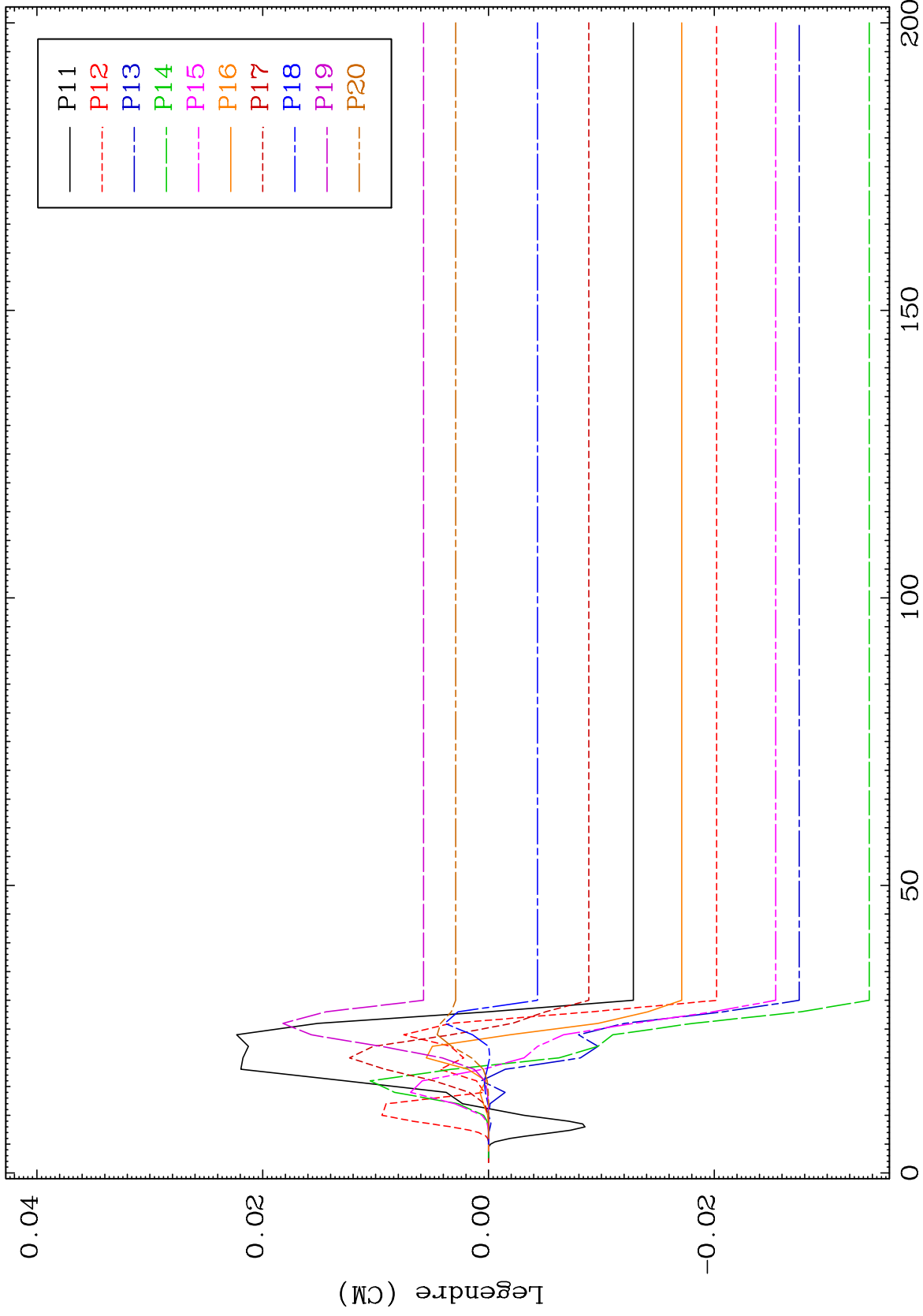
Incident Energy (MeV)

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MAT 8434

1.175 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



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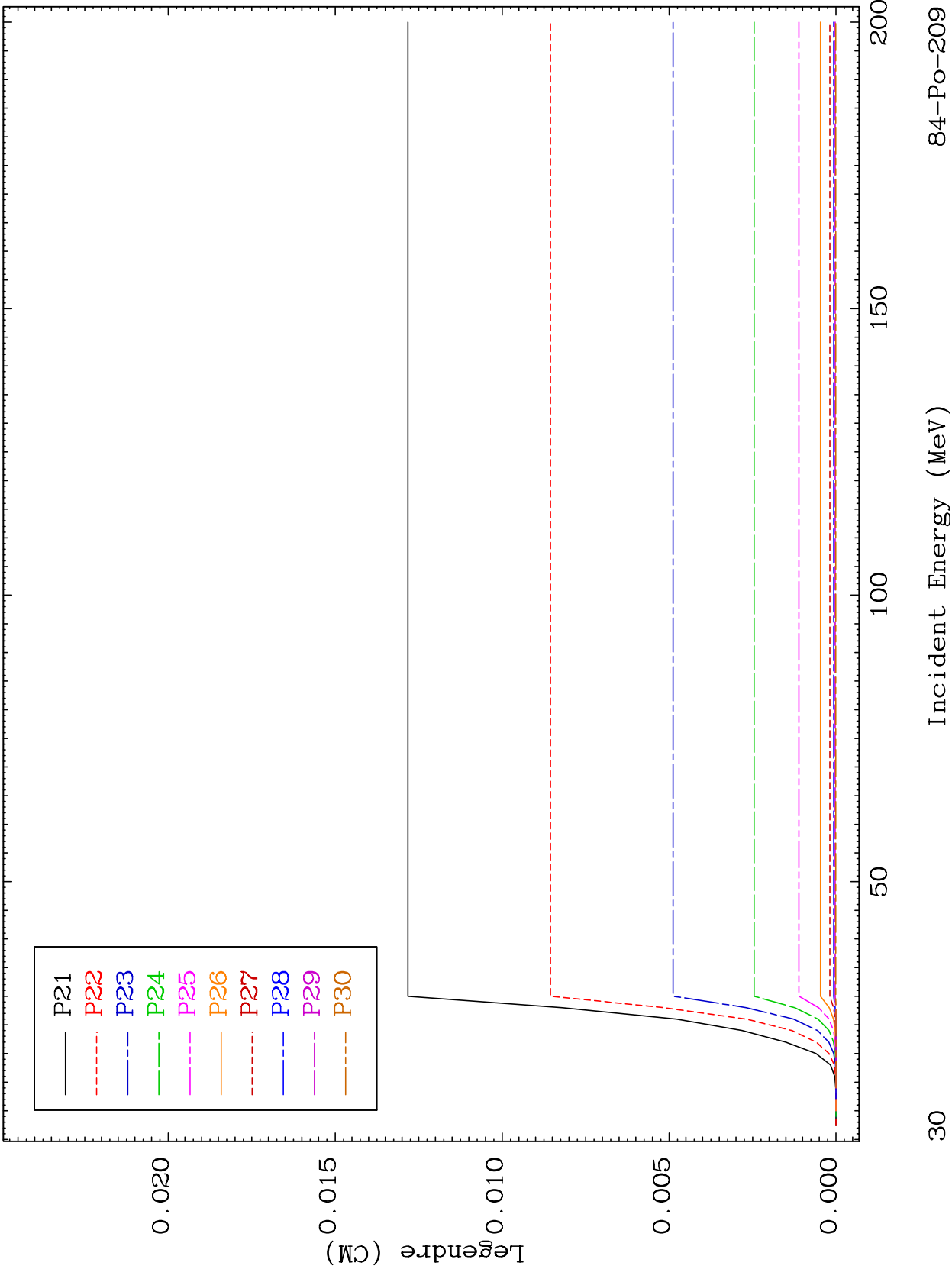
Incident Energy (MeV)

84-Po-209

MAT 8434

1.175 MeV (n,n') Level Legendre Coefficients

84-Po-209



30

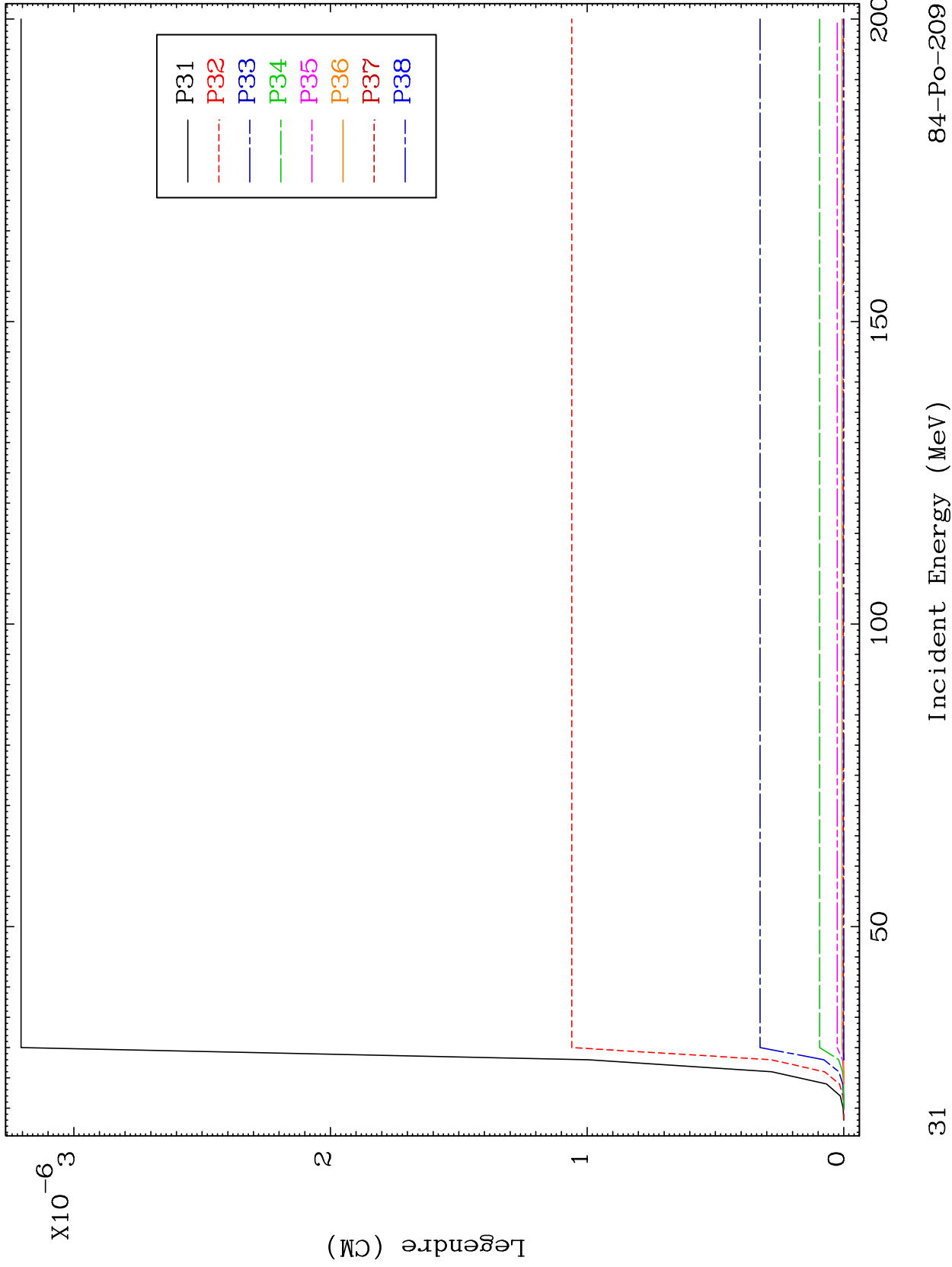
Incident Energy (MeV)

84-Po-209

MAT 8434

1.175 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



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Incident Energy (MeV)

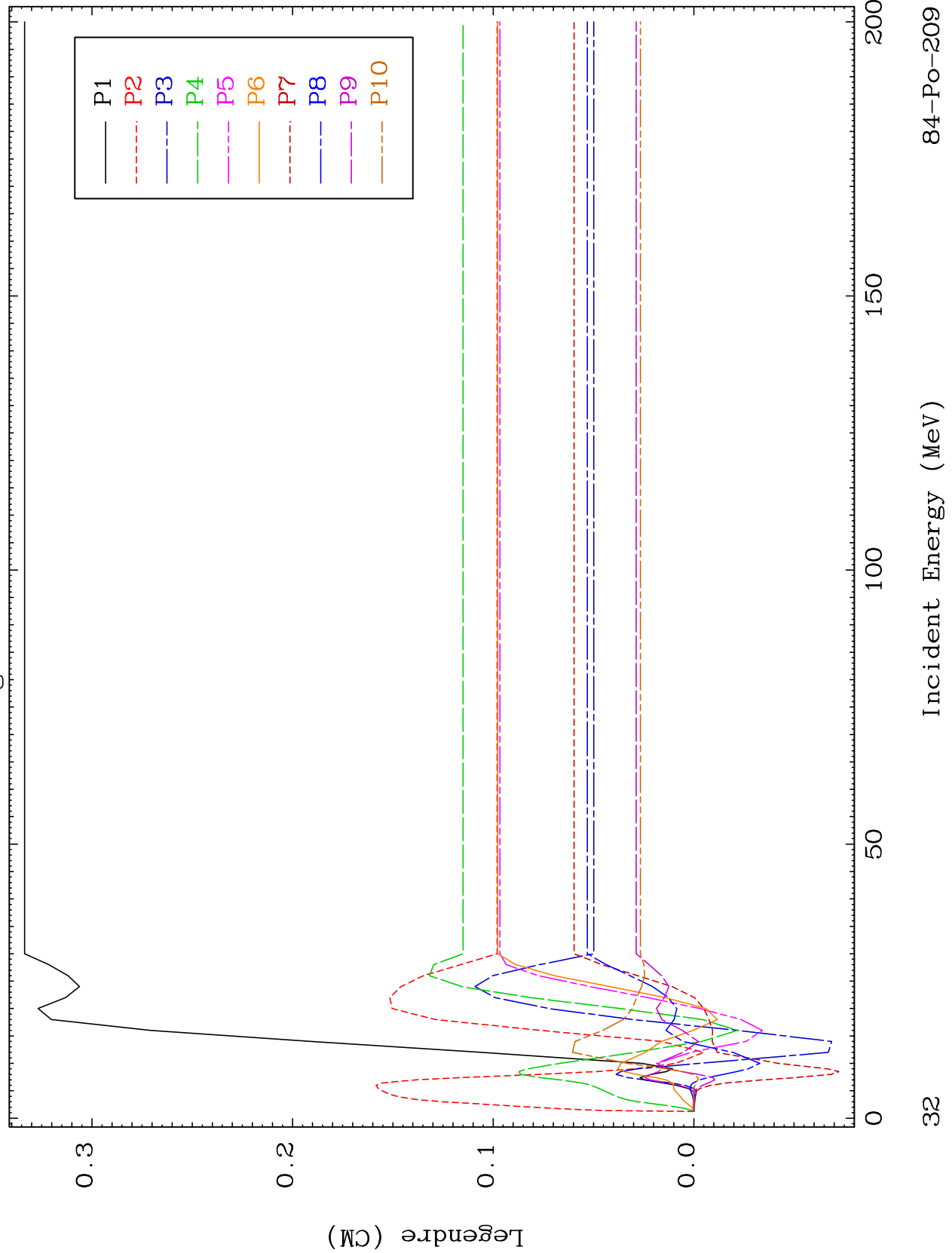
84-Po-209



MAT 8434

1.214 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



84-Po-209

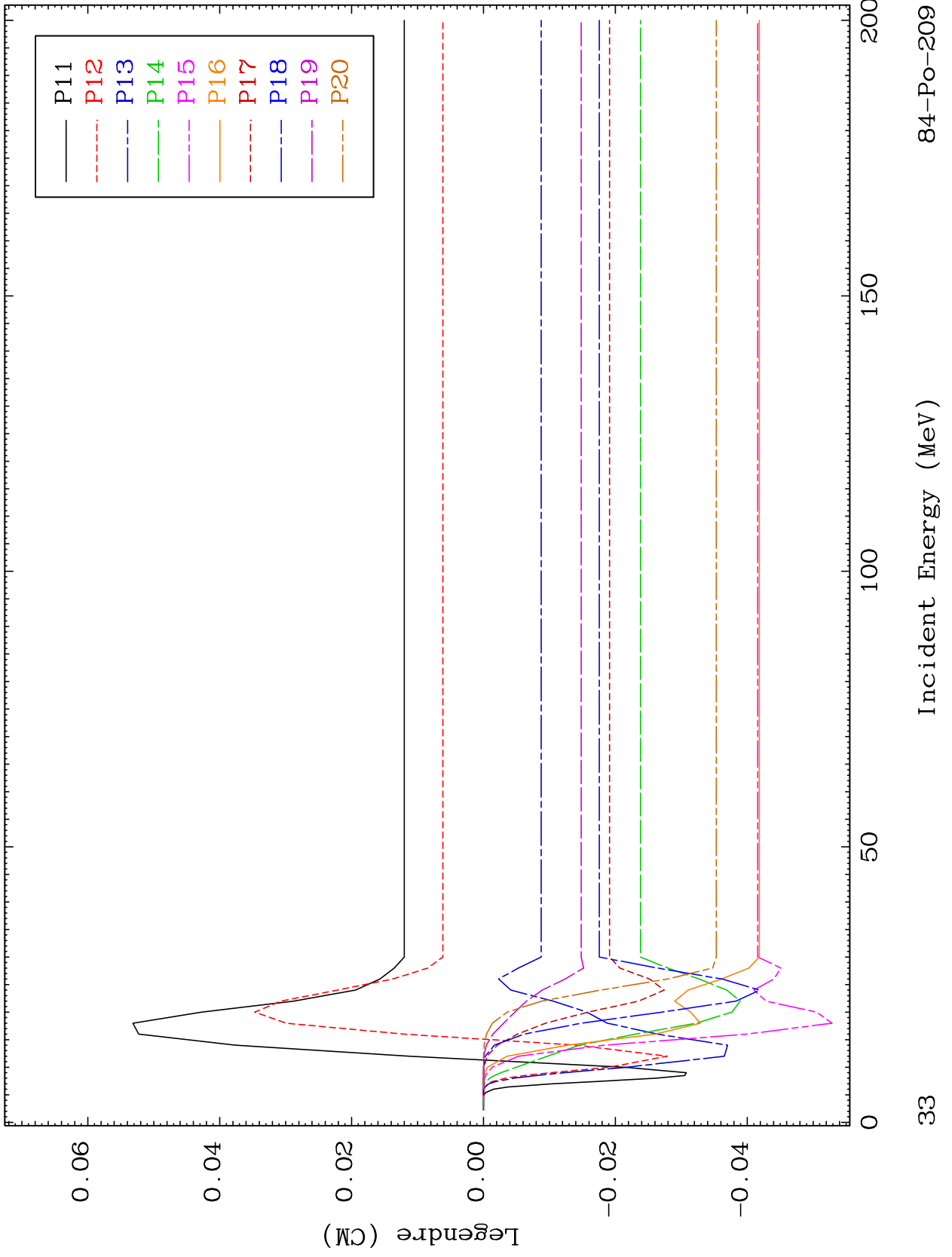
Incident Energy (MeV)

32

MAT 8434

1.214 MeV (n,n') Level  
Legendre Coefficients

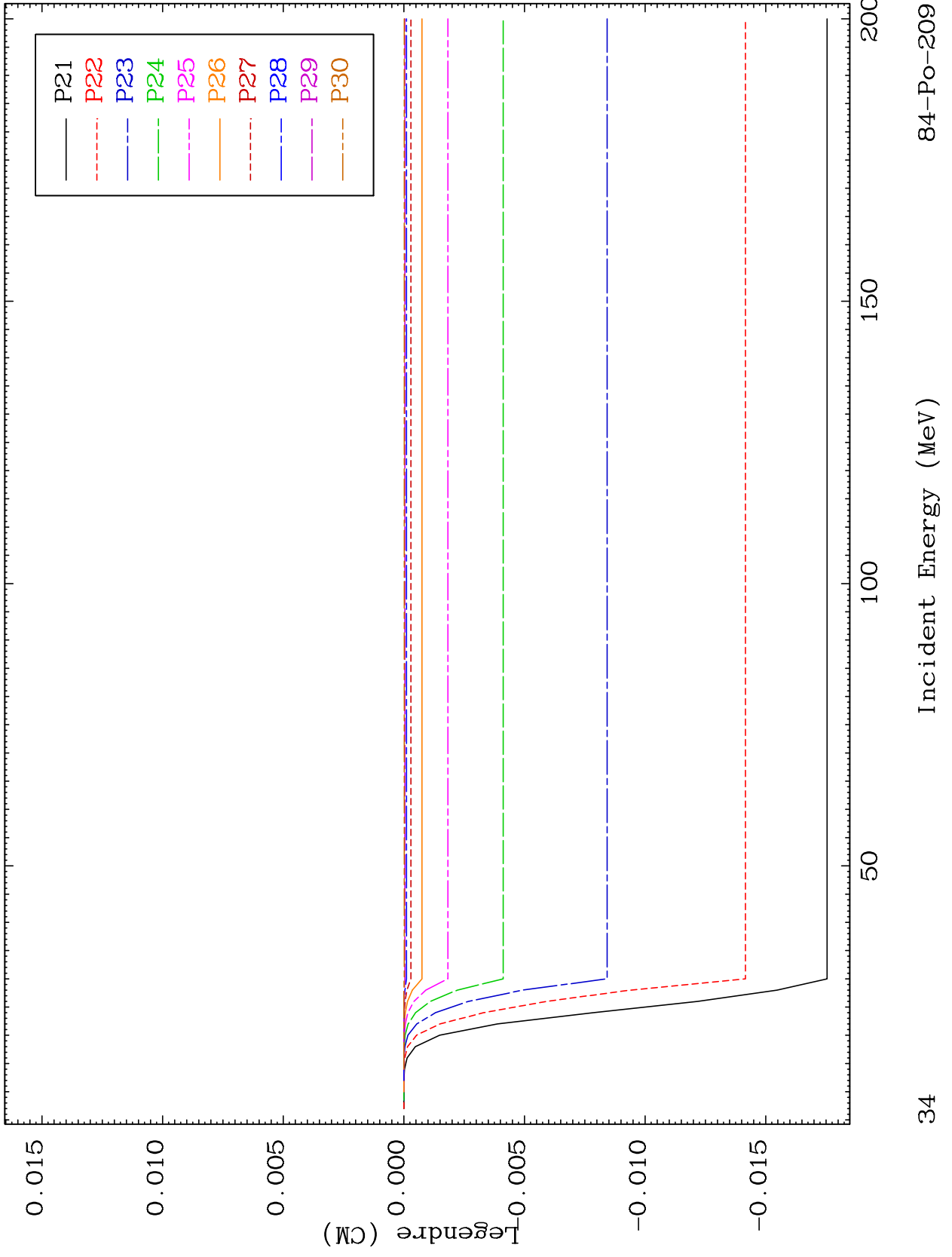
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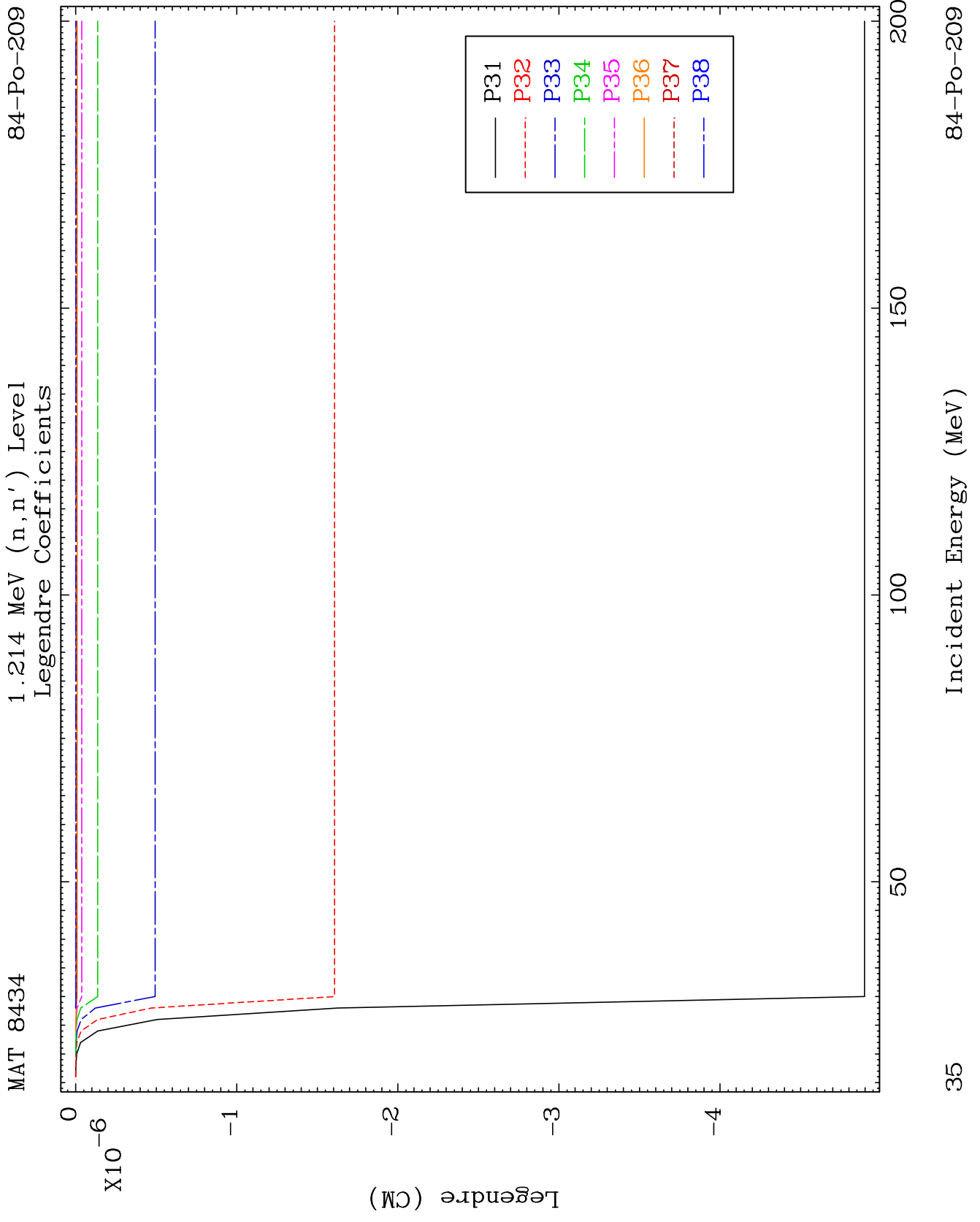


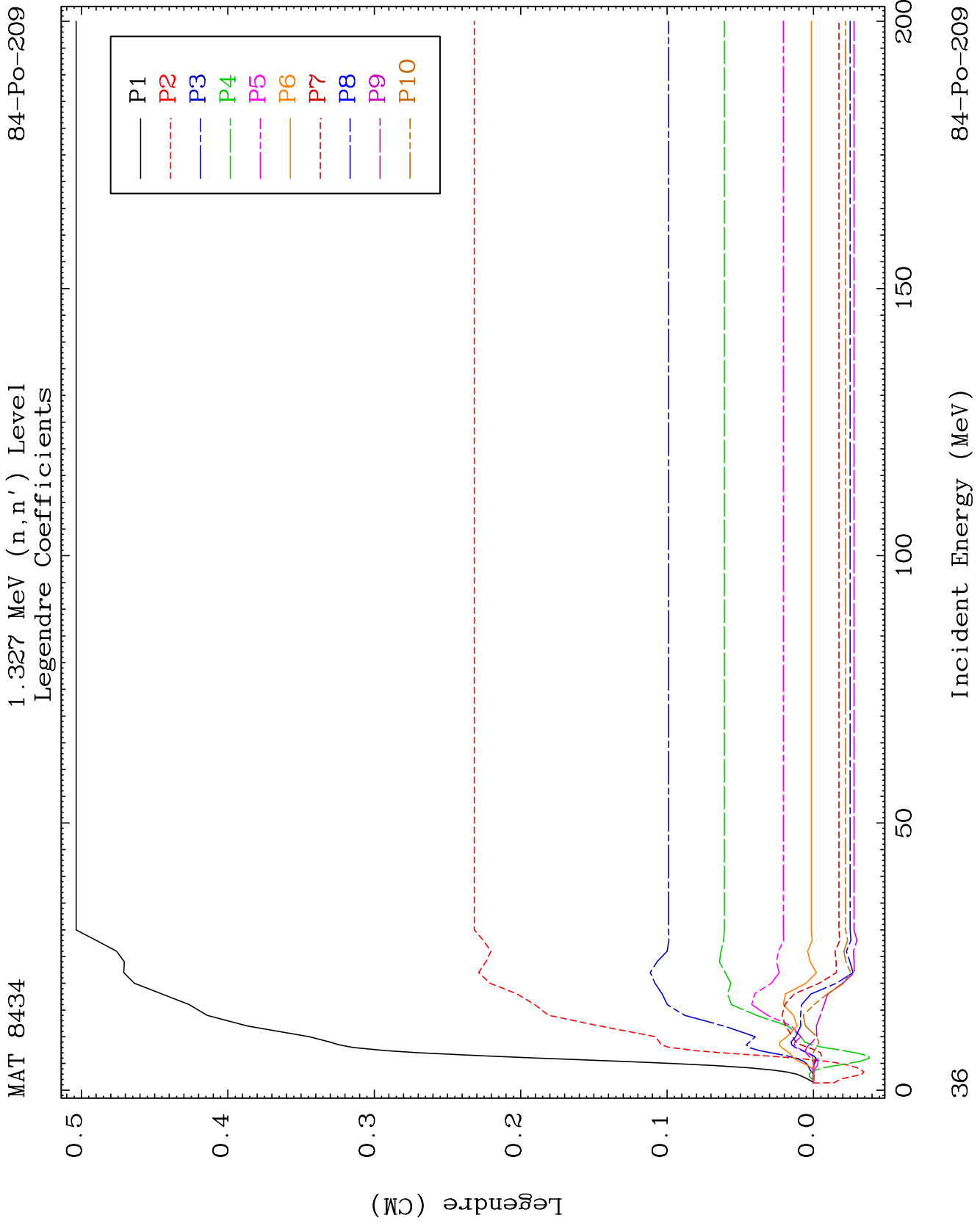
33

Incident Energy (MeV)

84-Po-209



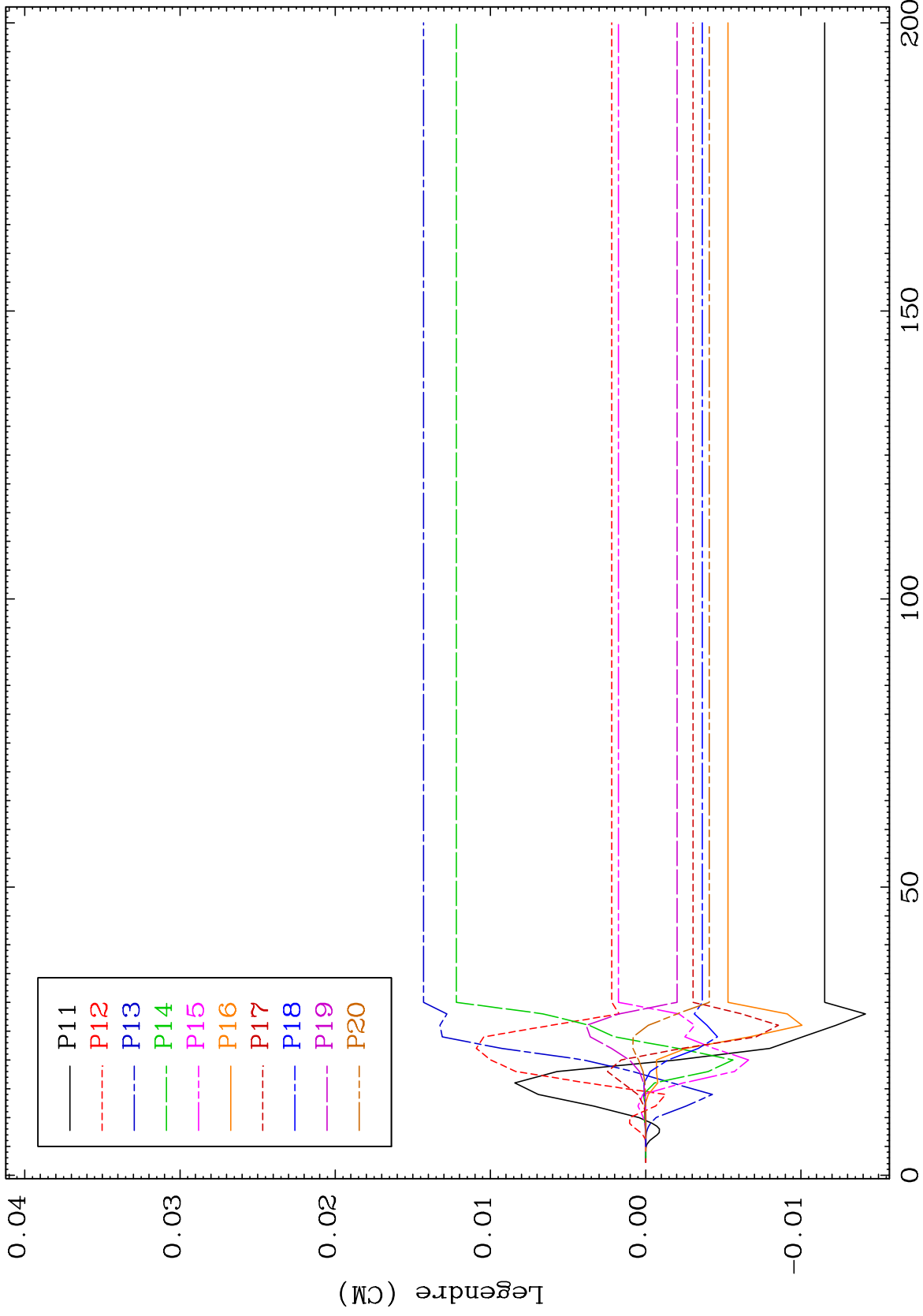




MAT 8434

1.327 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



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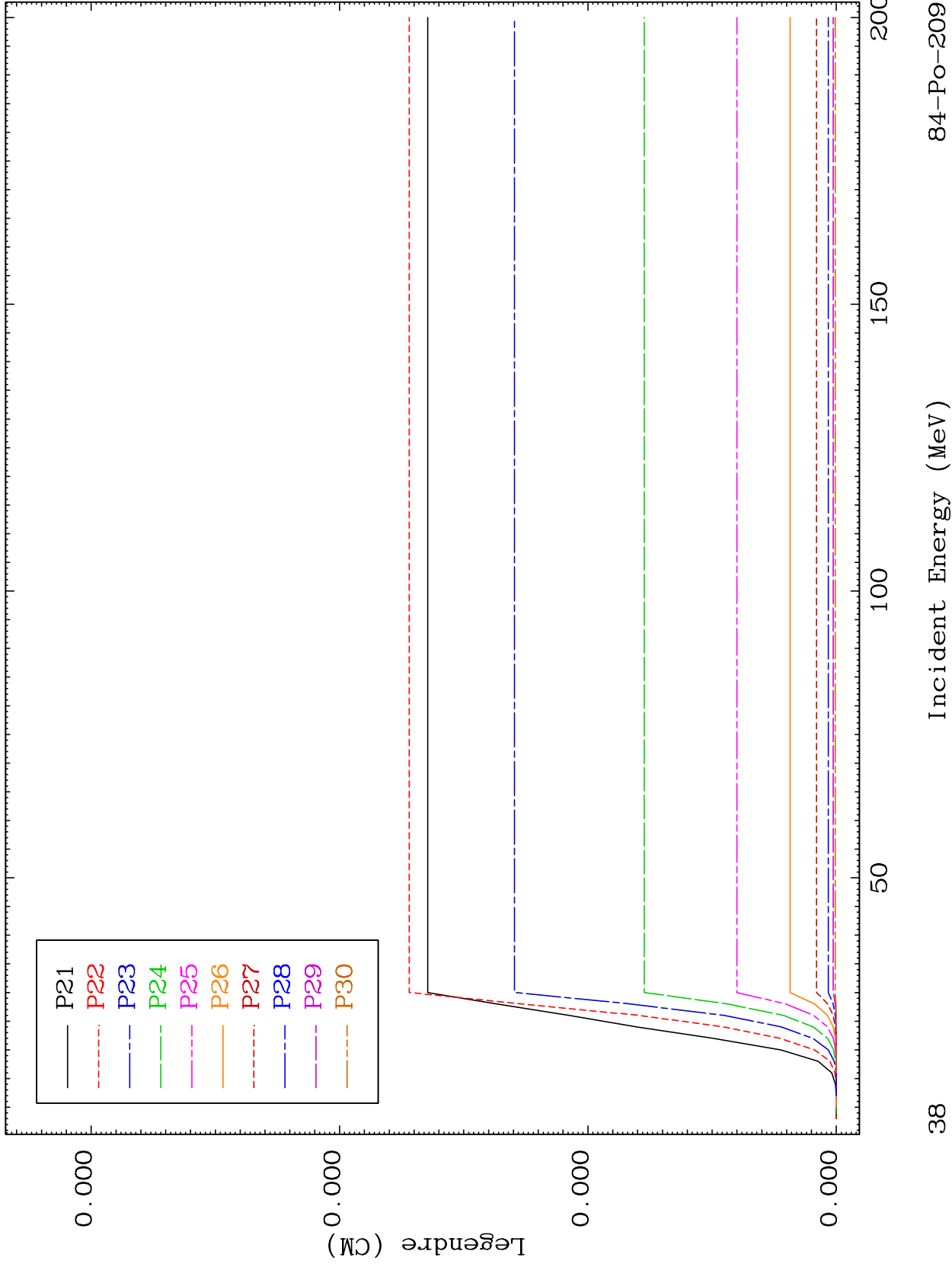
Incident Energy (MeV)

84-Po-209

MAT 8434

1.327 MeV (n,n') Level  
Legendre Coefficients

84-Po-209

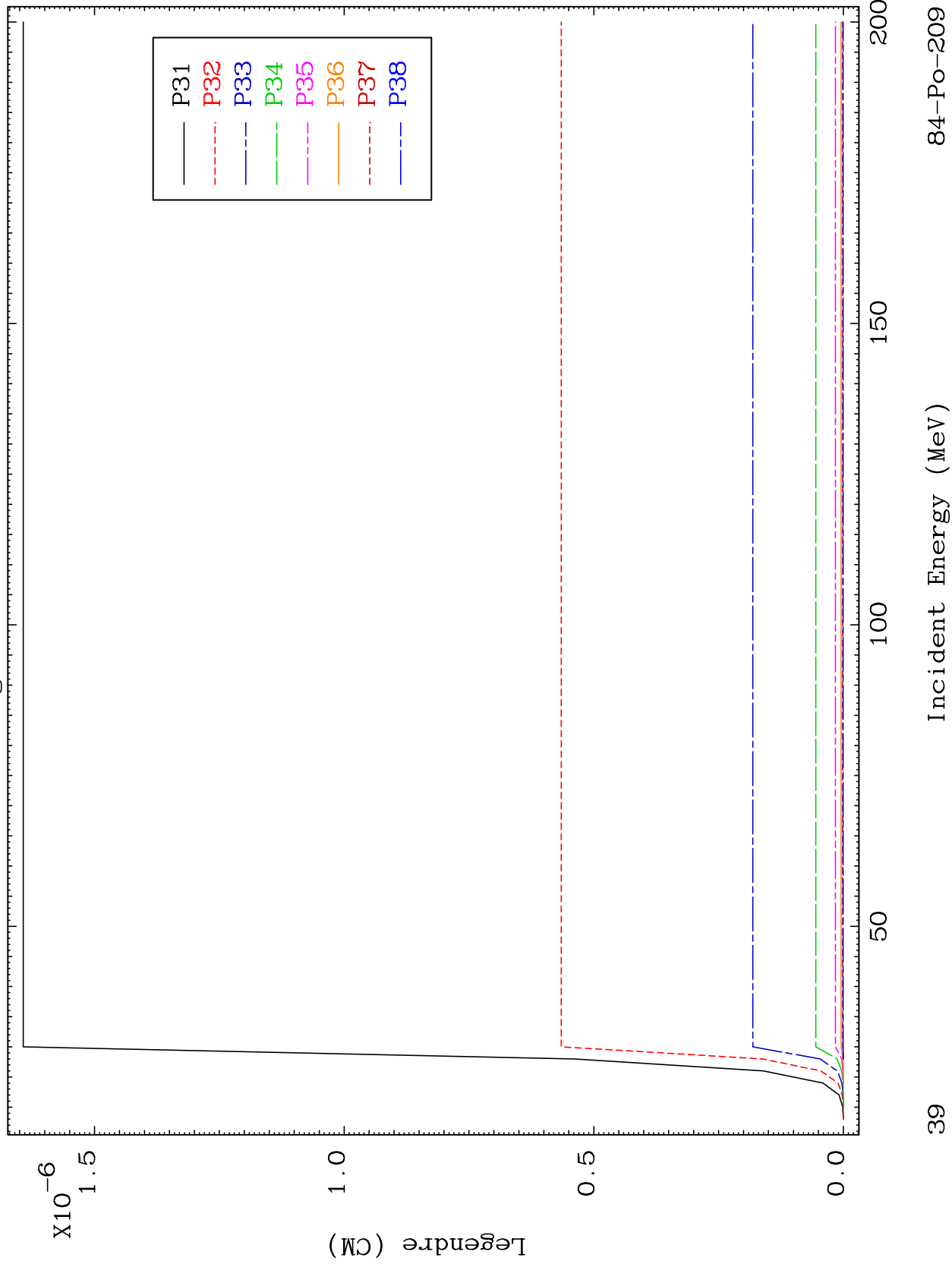


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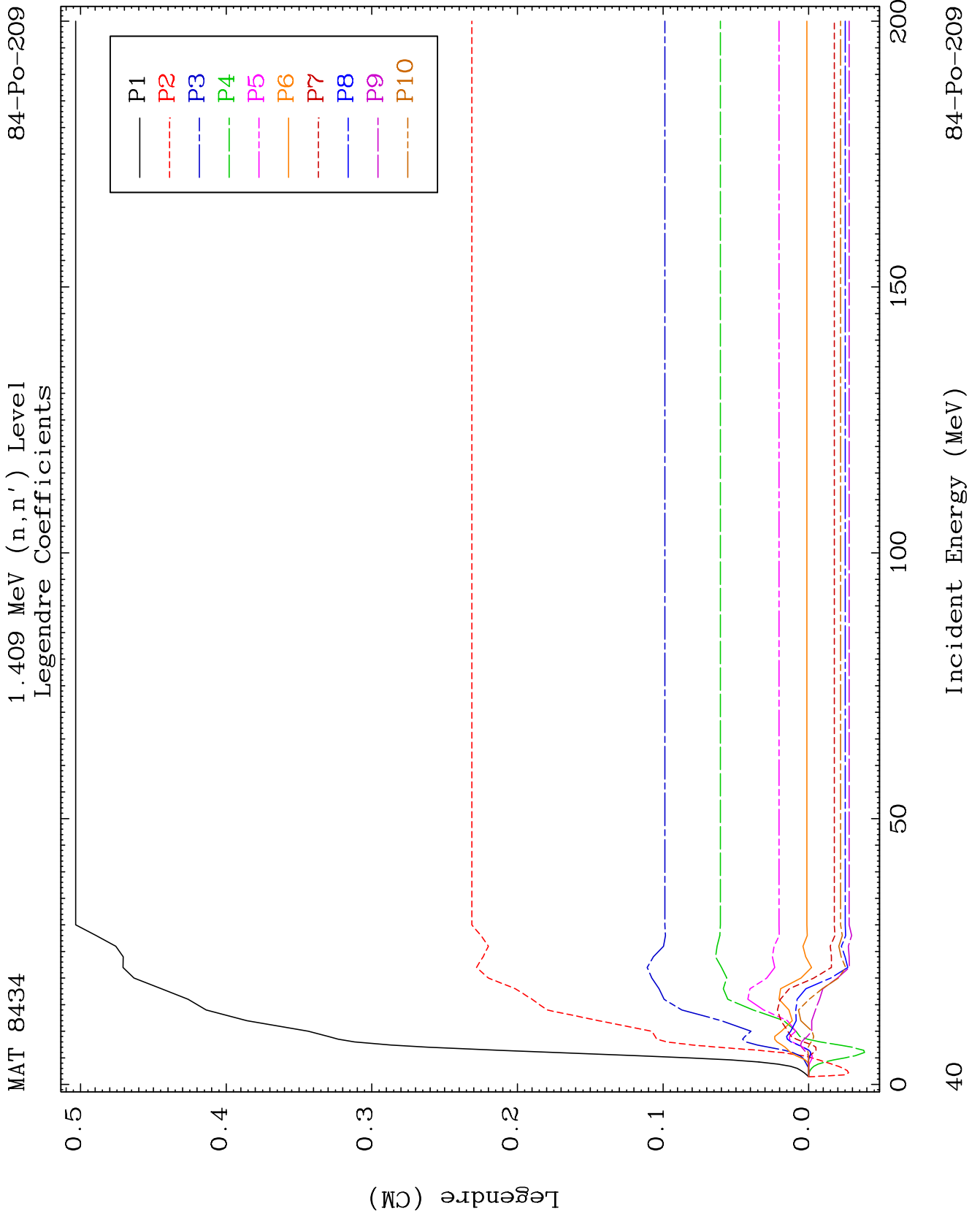
MAT 8434

1.327 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



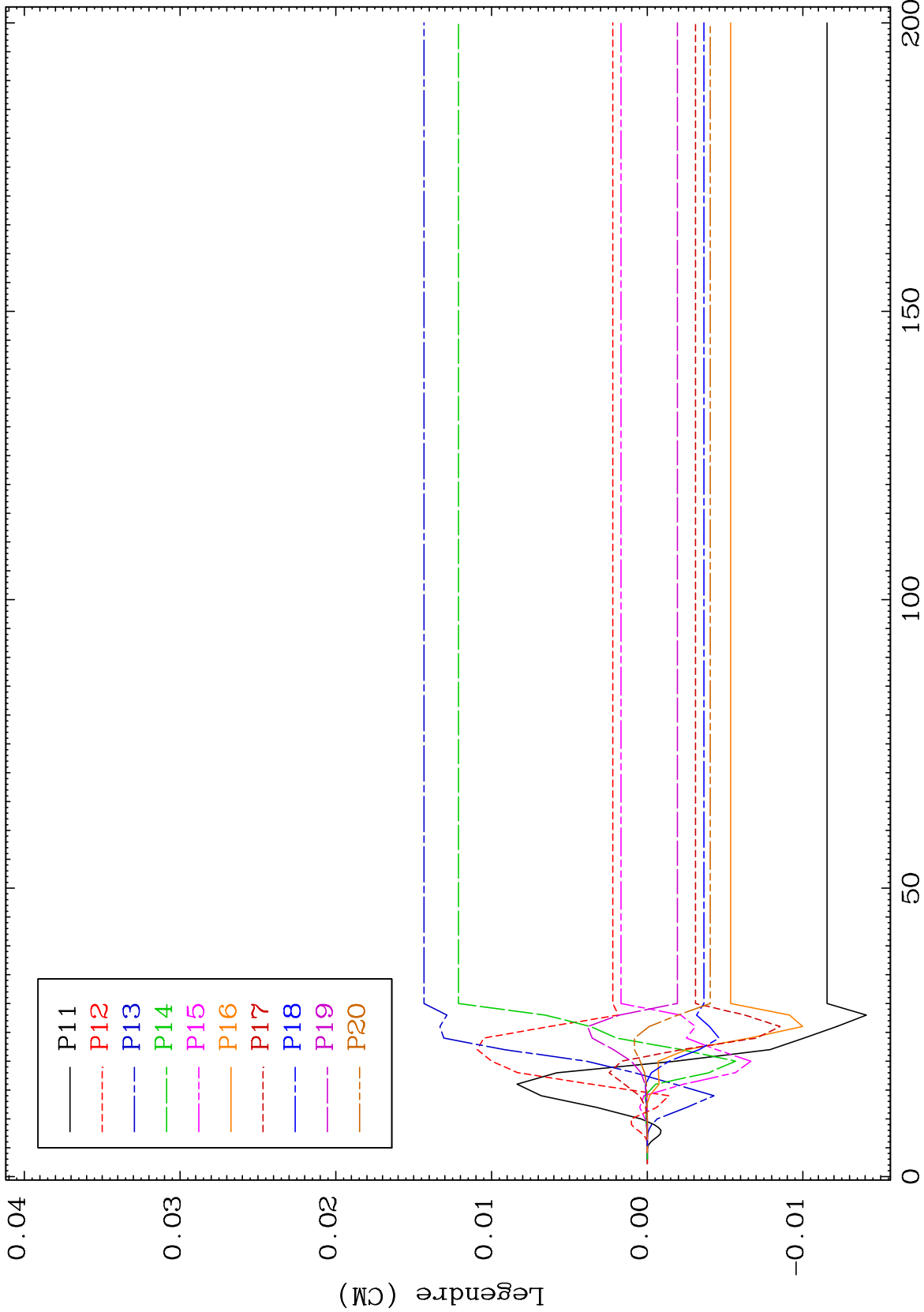




MAT 8434

1.409 MeV (n,n') Level  
Legendre Coefficients

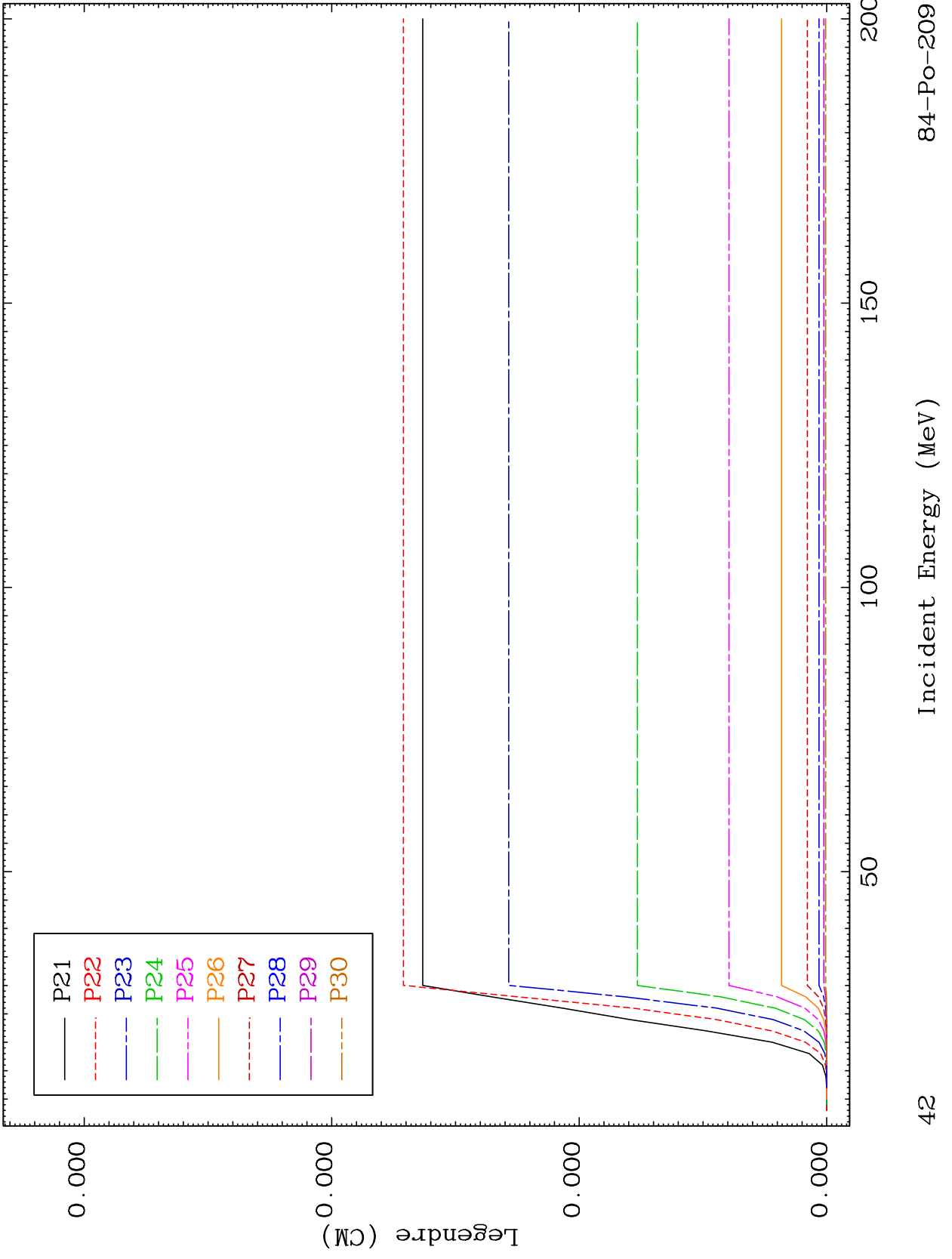
84-Po-209



MAT 8434

1.409 MeV (n,n') Level  
Legendre Coefficients

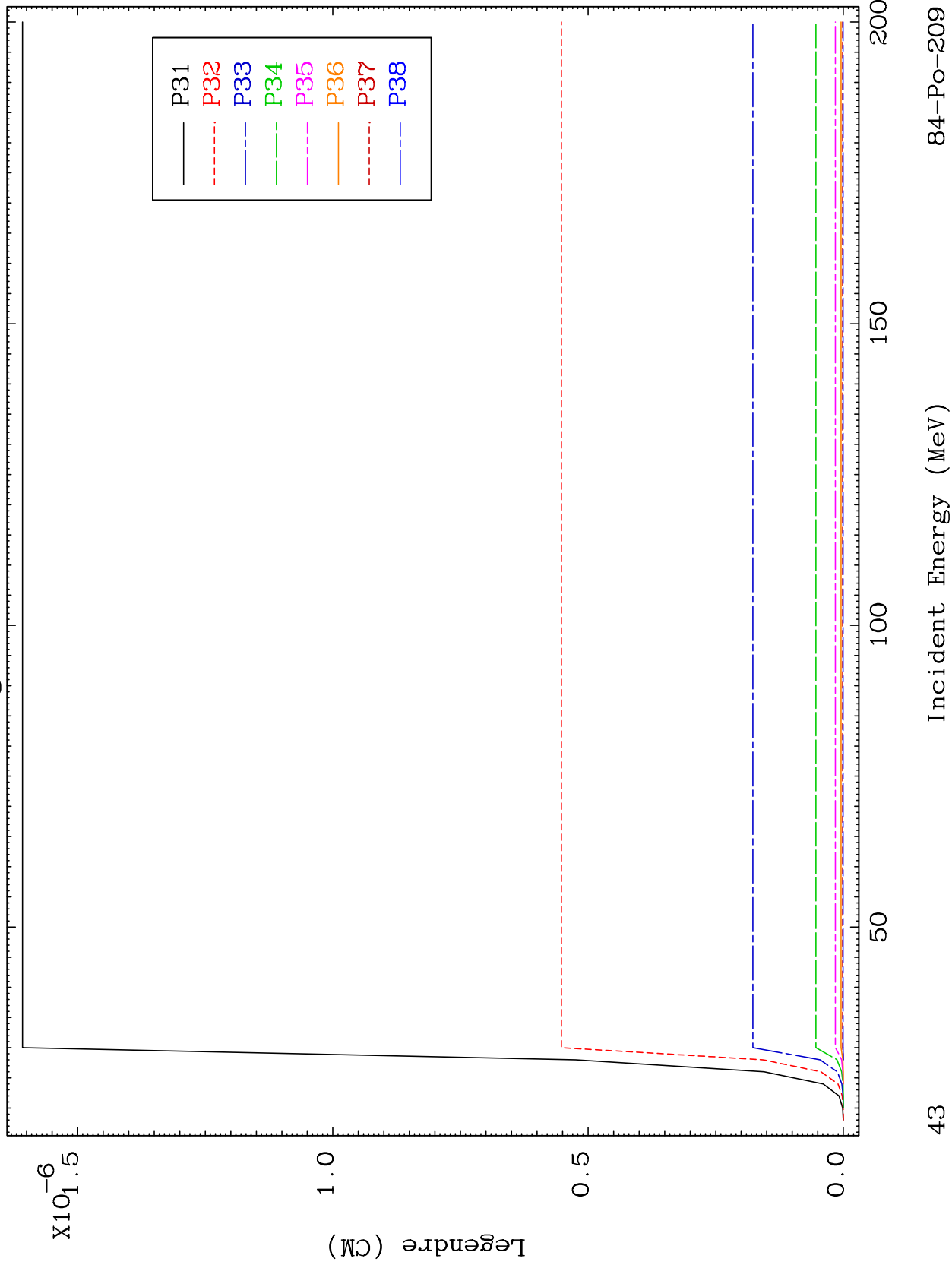
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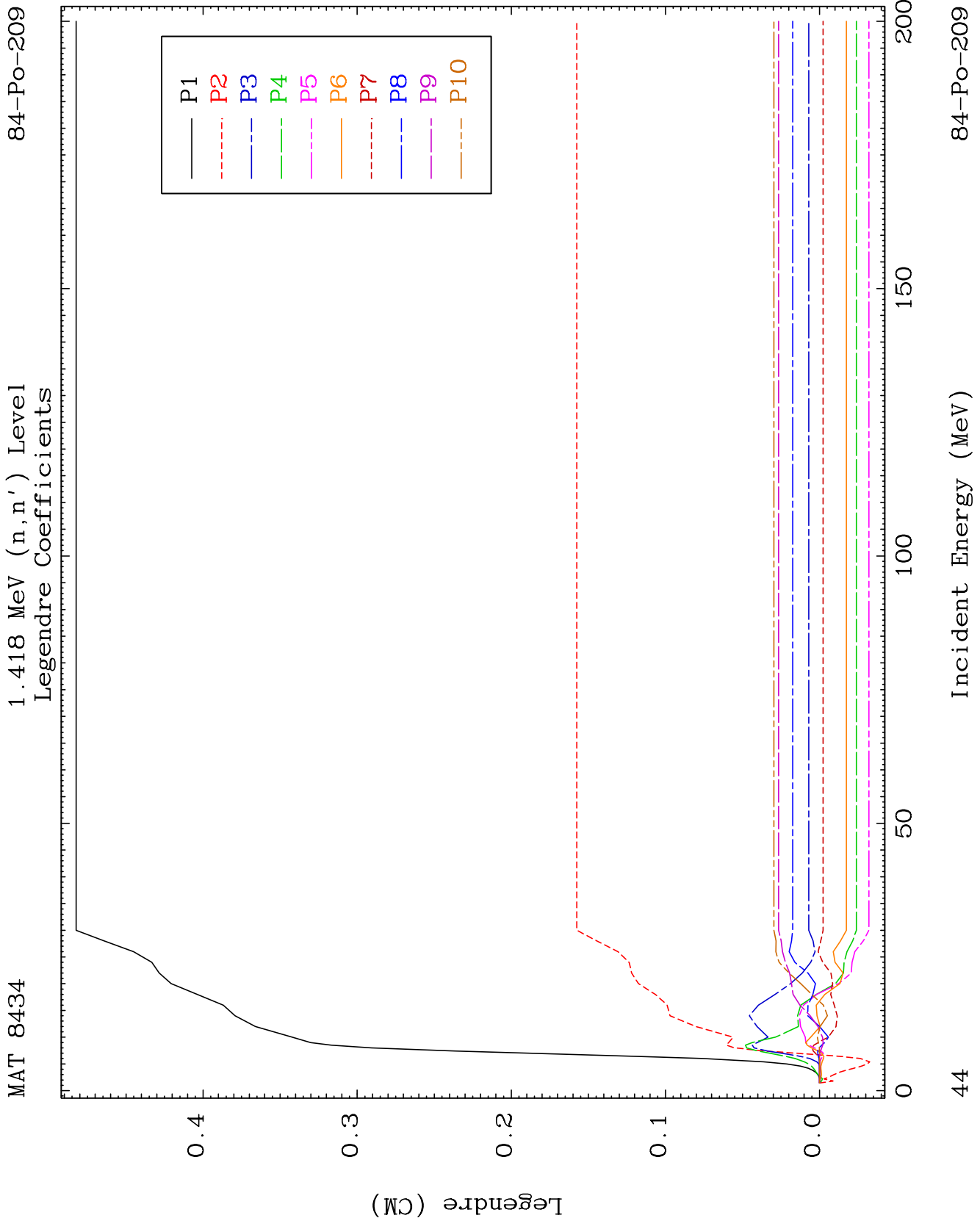


MAT 8434

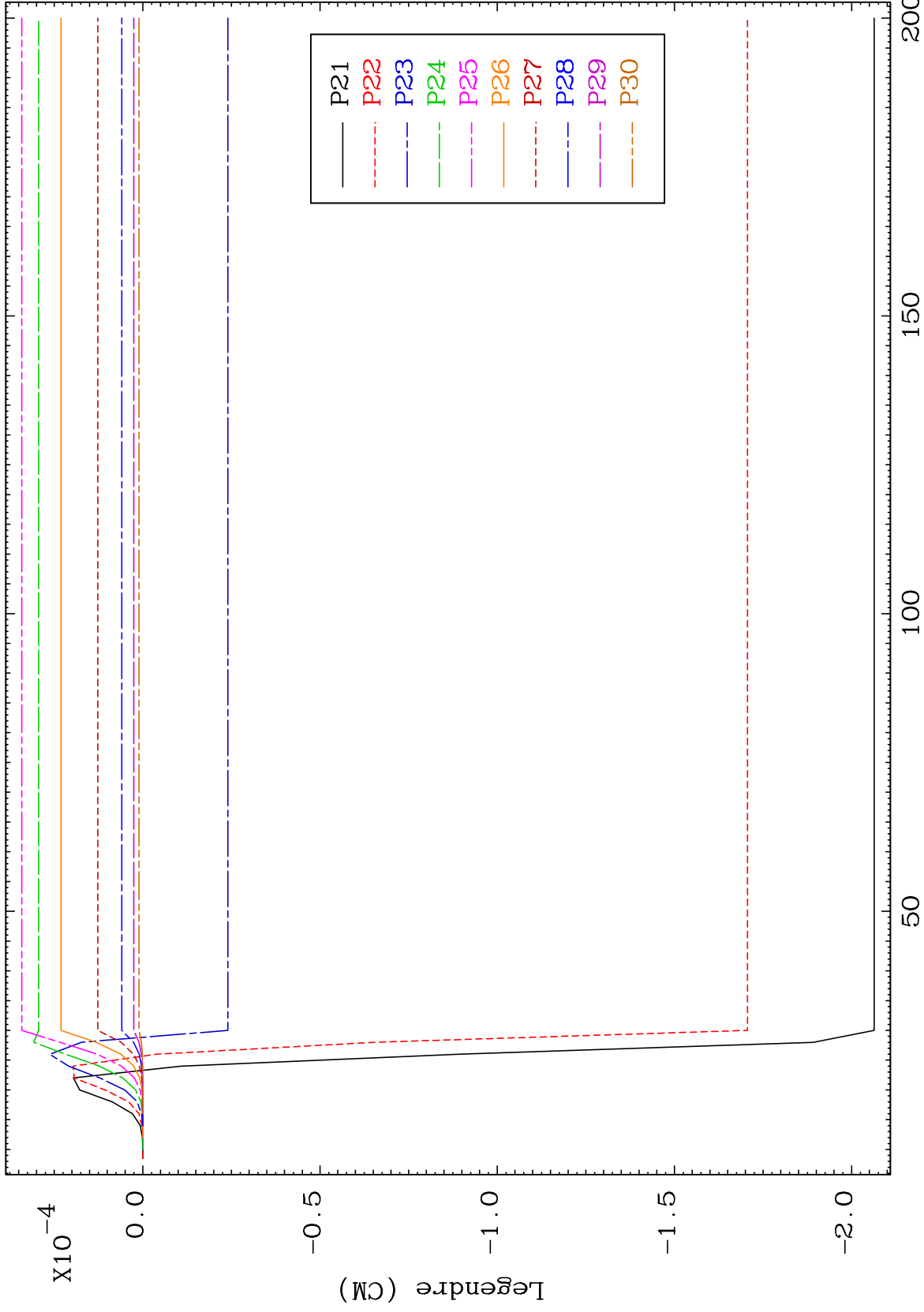
1.409 MeV (n,n') Level  
Legendre Coefficients

84-Po-209





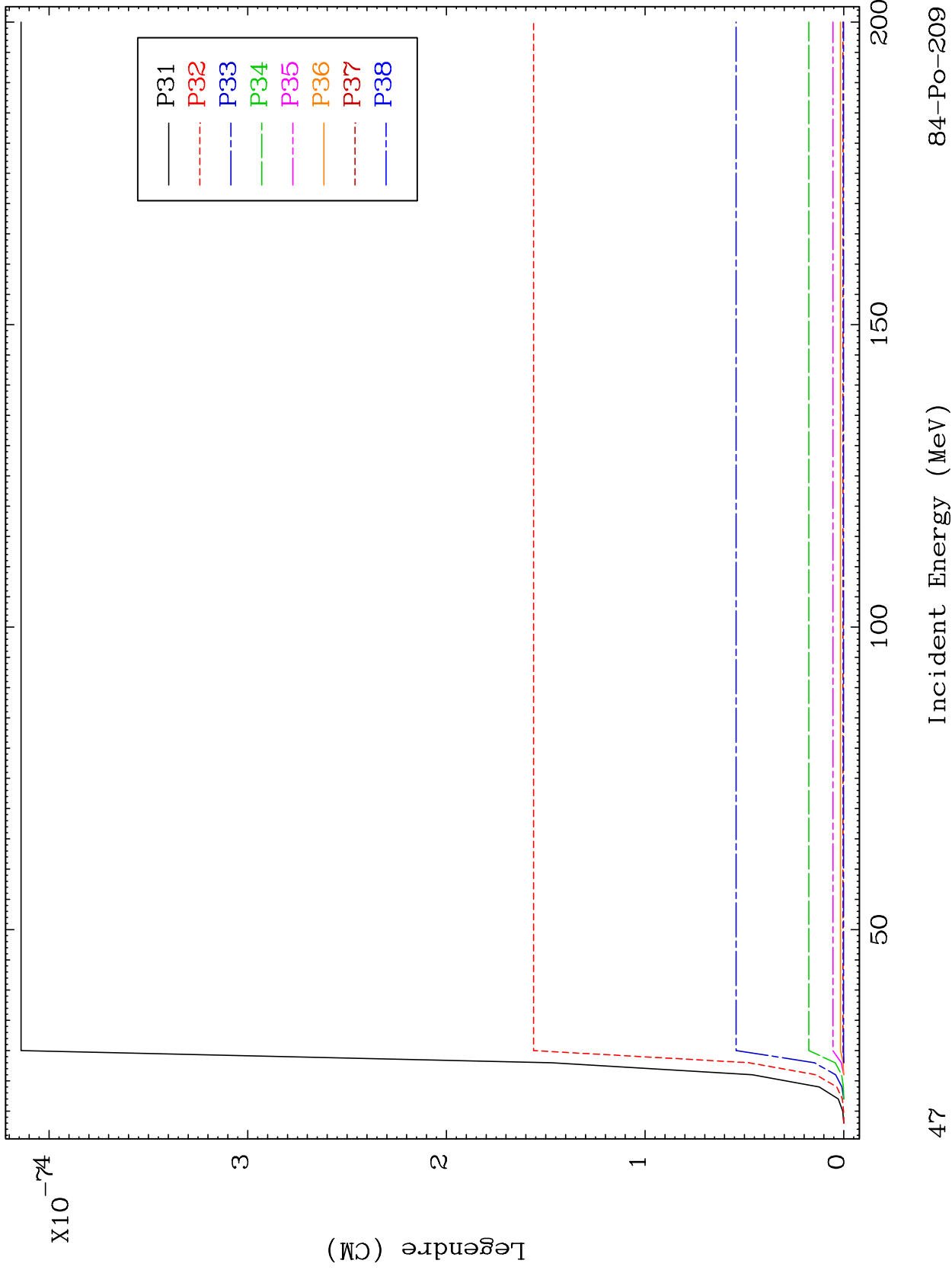




MAT 8434

1.418 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



47

Incident Energy (MeV)

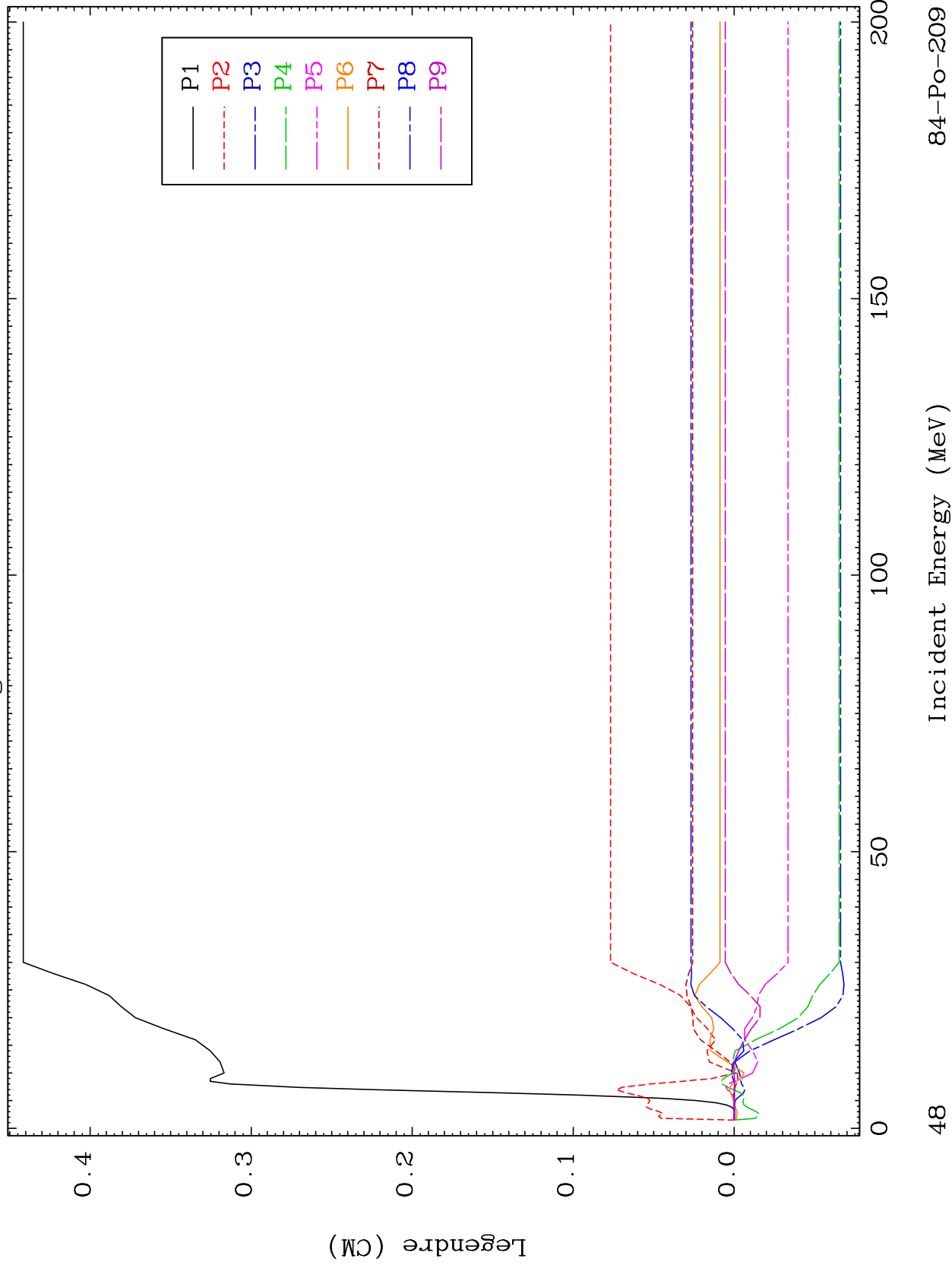
84-Po-209



MAT 8434

1.472 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



84-Po-209

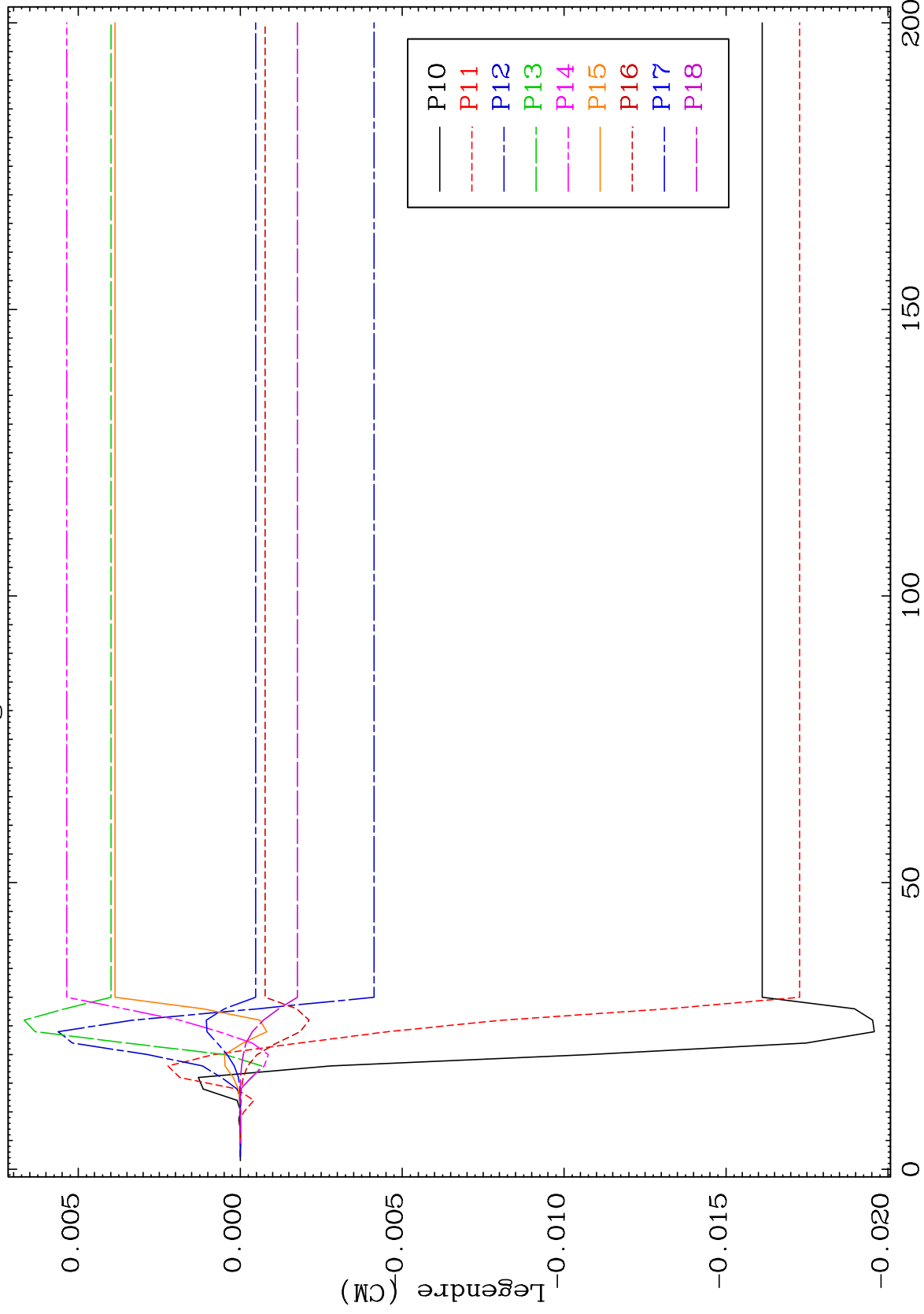
Incident Energy (MeV)

48

MAT 8434

1.472 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



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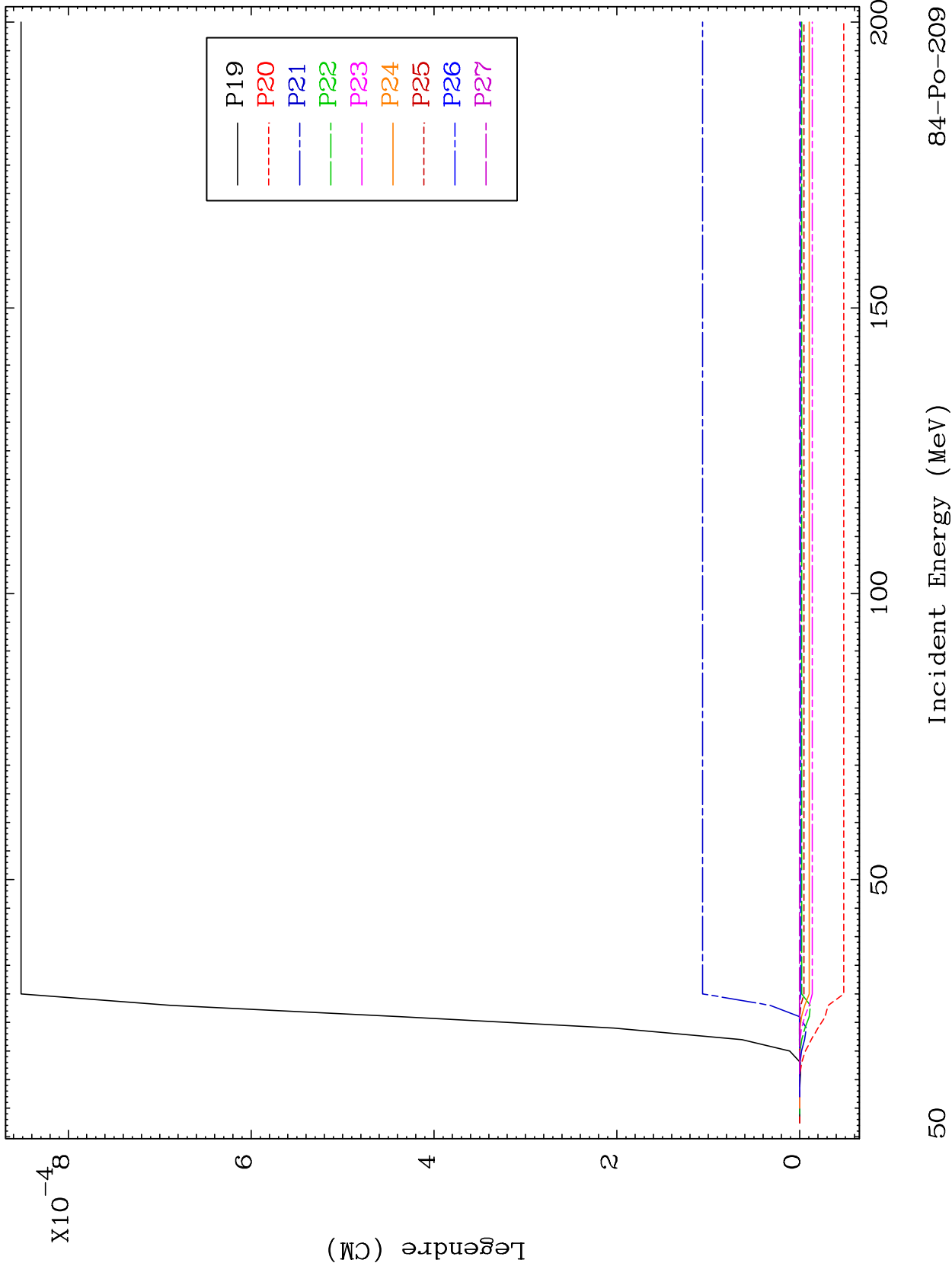
Incident Energy (MeV)

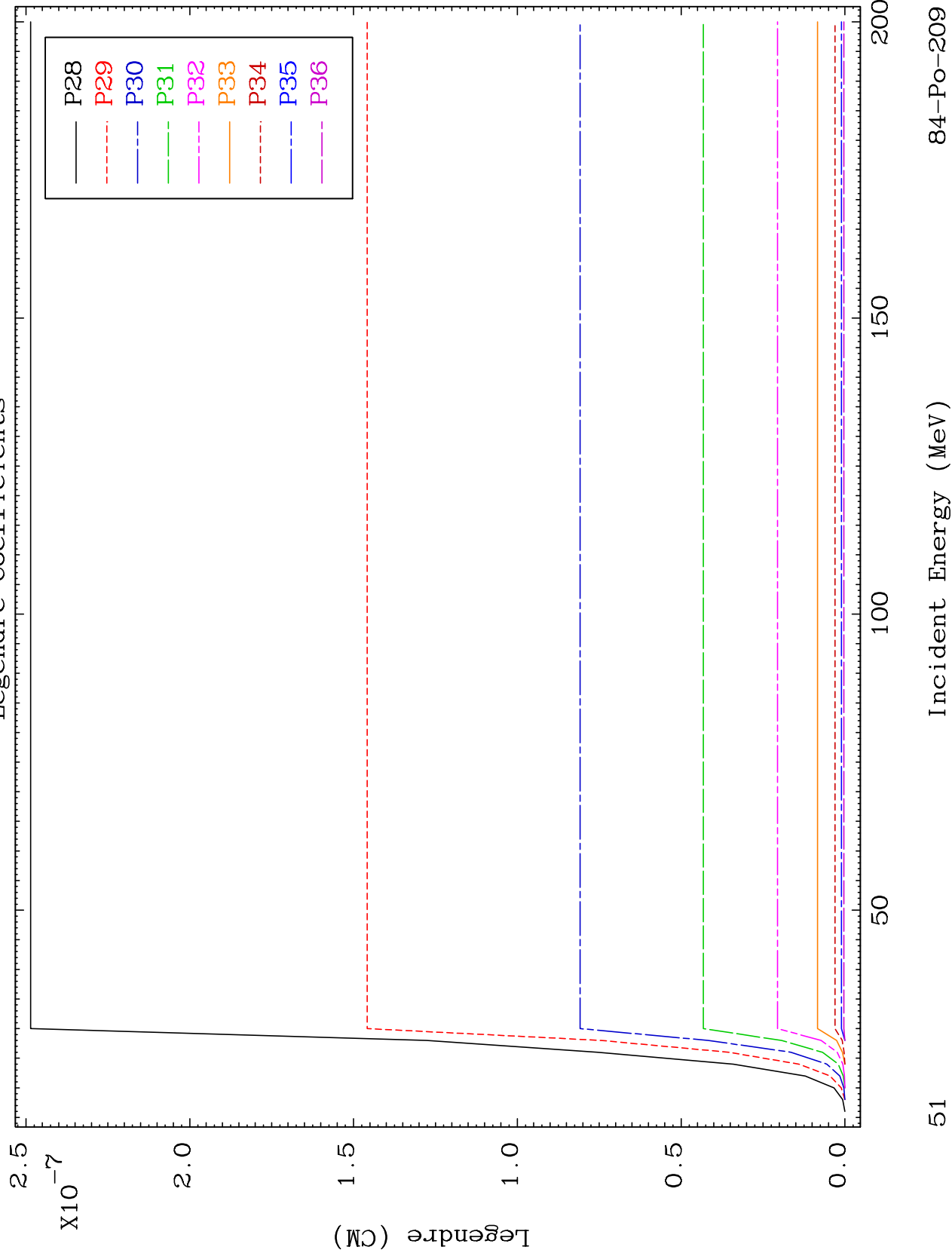
84-Po-209

MAT 8434

1.472 MeV (n,n') Level  
Legendre Coefficients

84-Po-209

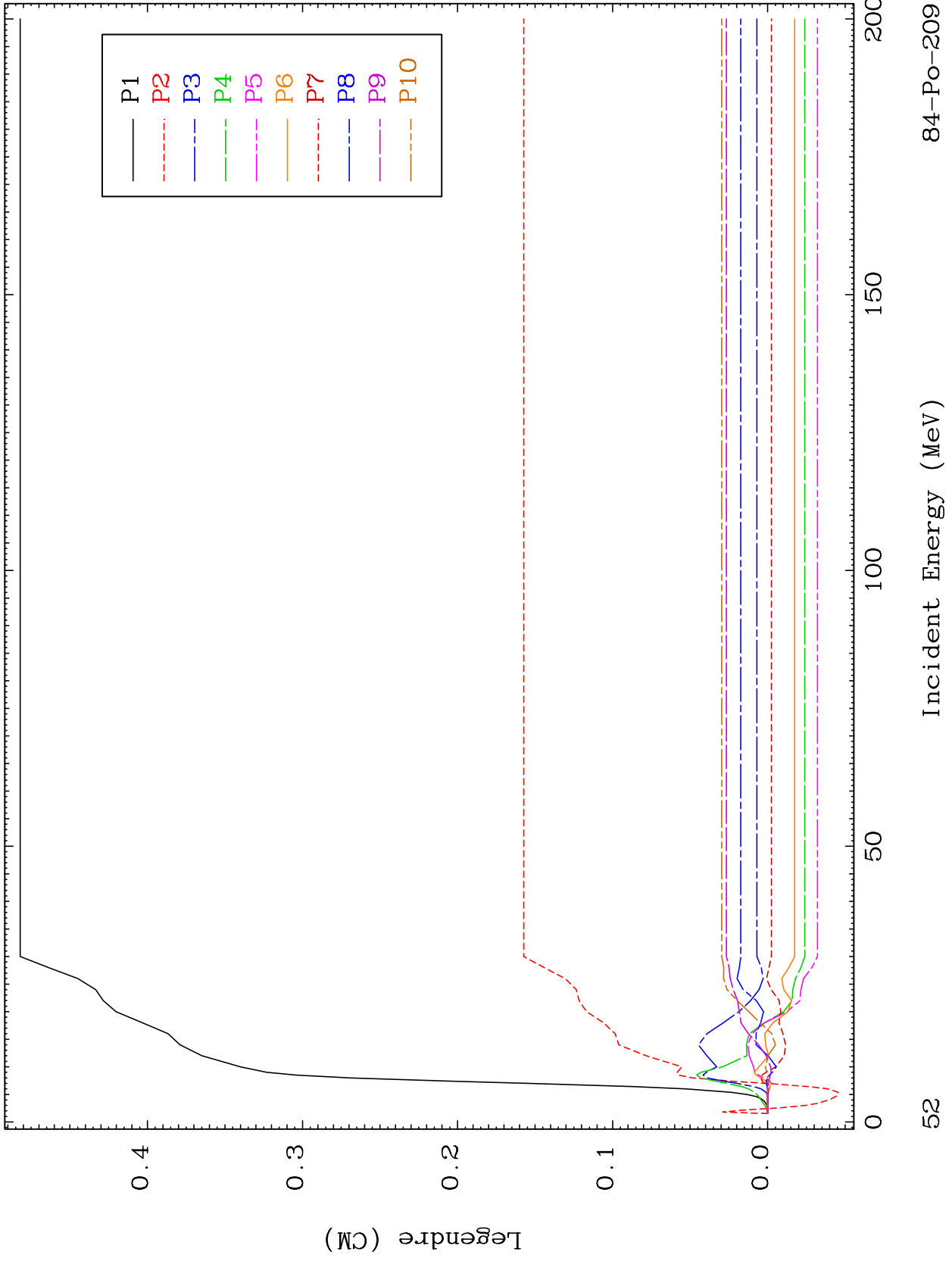




MAT 8434

1.522 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



84-Po-209

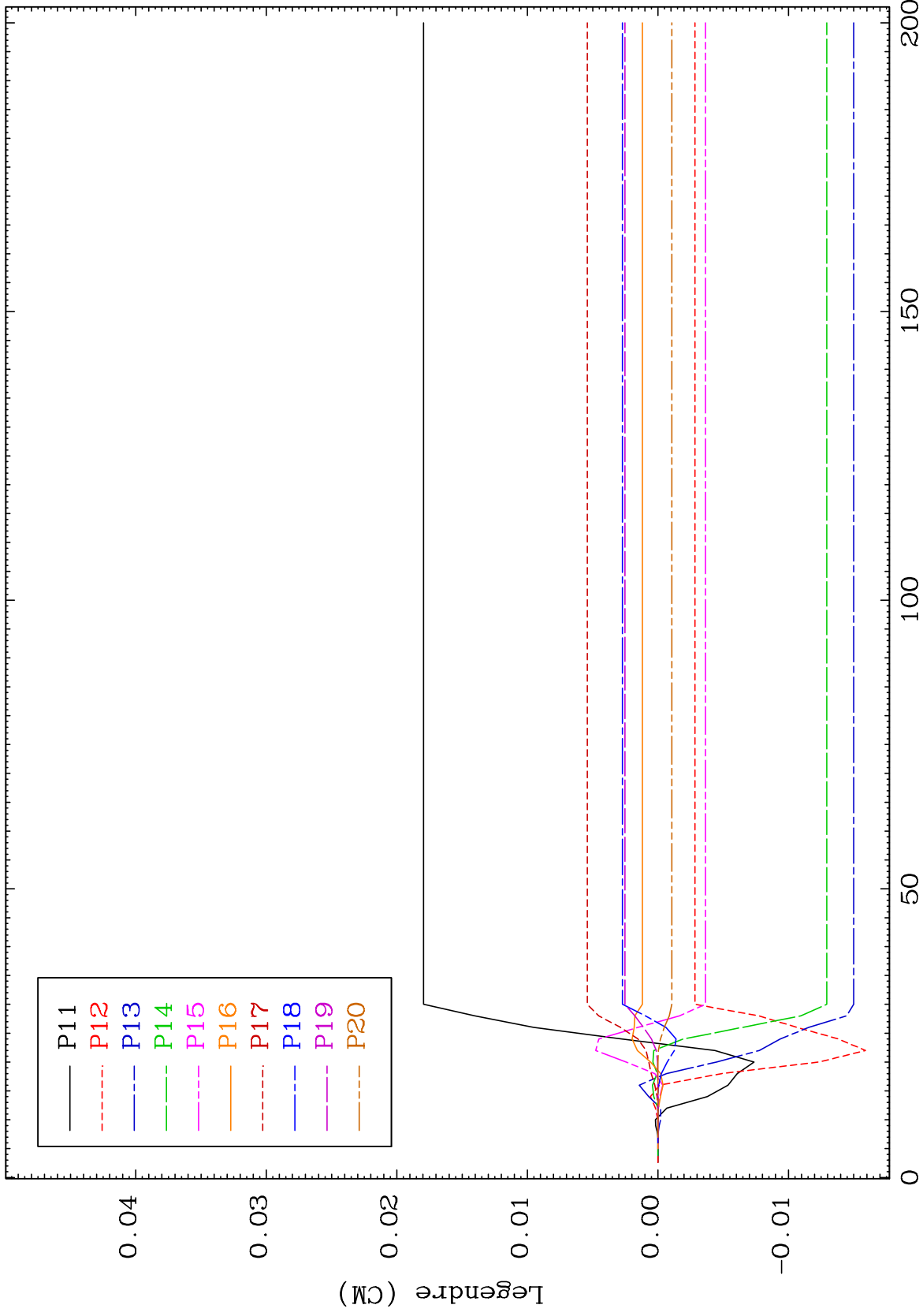
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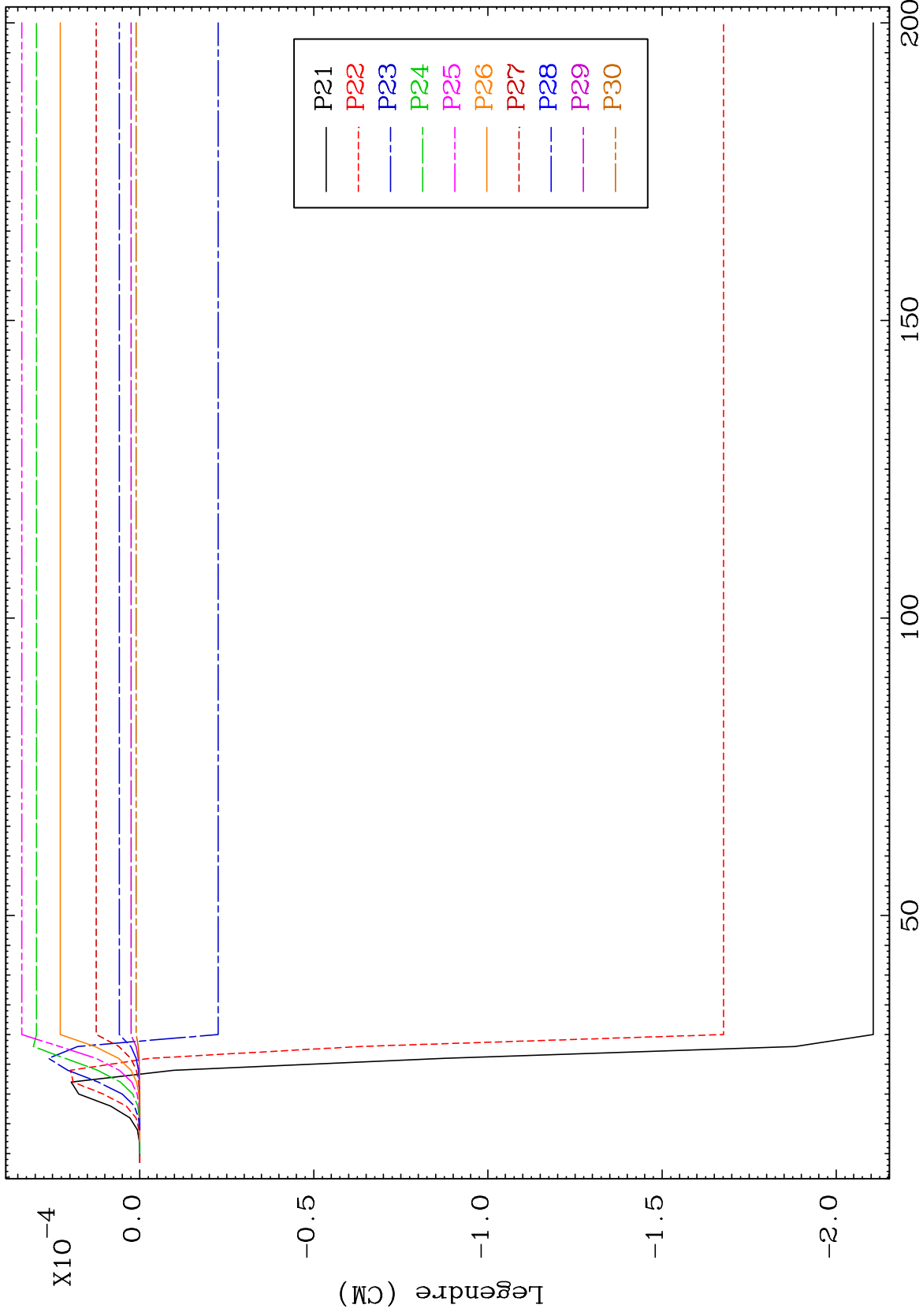
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MAT 8434

1.522 MeV (n,n') Level  
Legendre Coefficients

84-Po-209

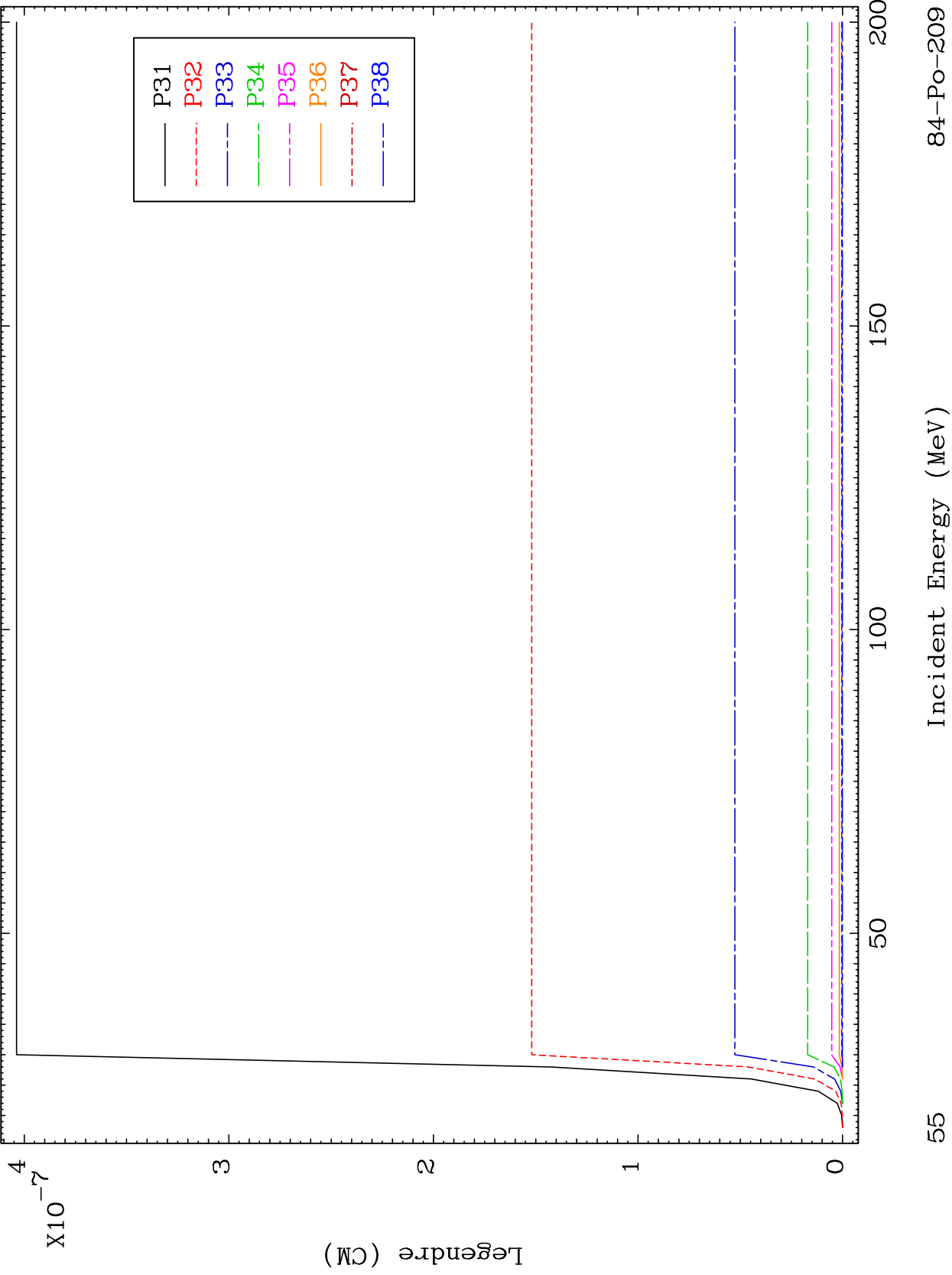




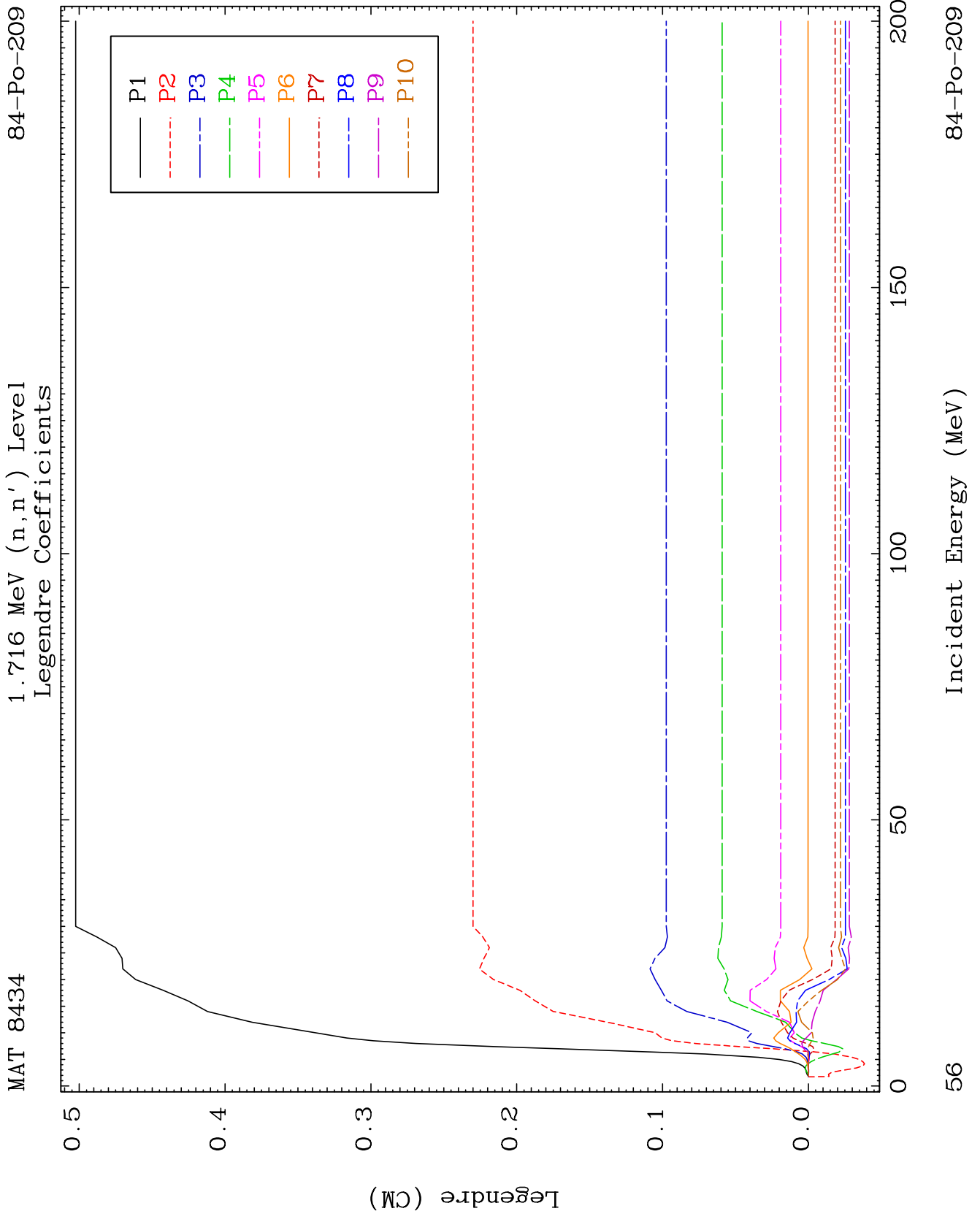
MAT 8434

1.522 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



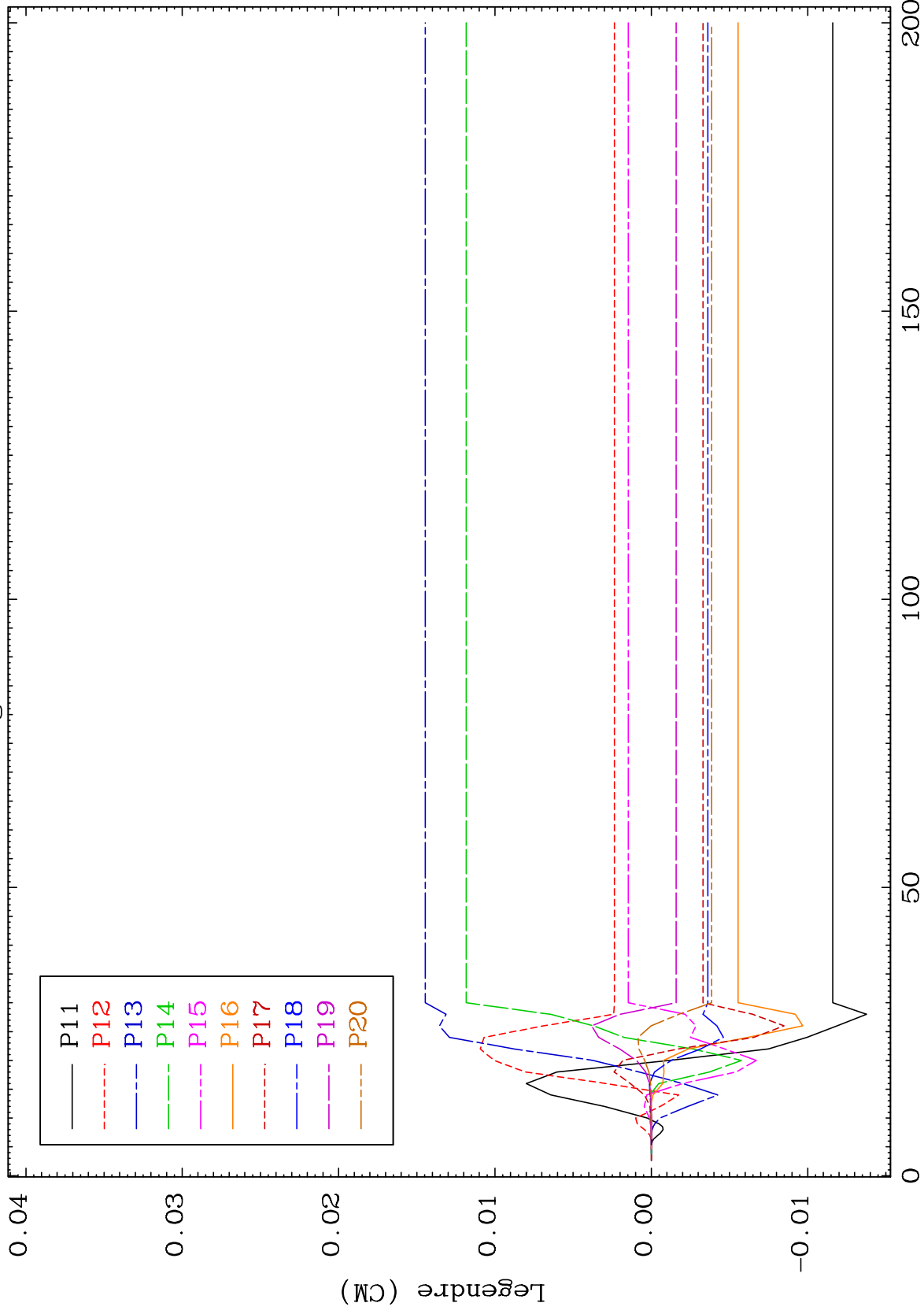




MAT 8434

1.716 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



57

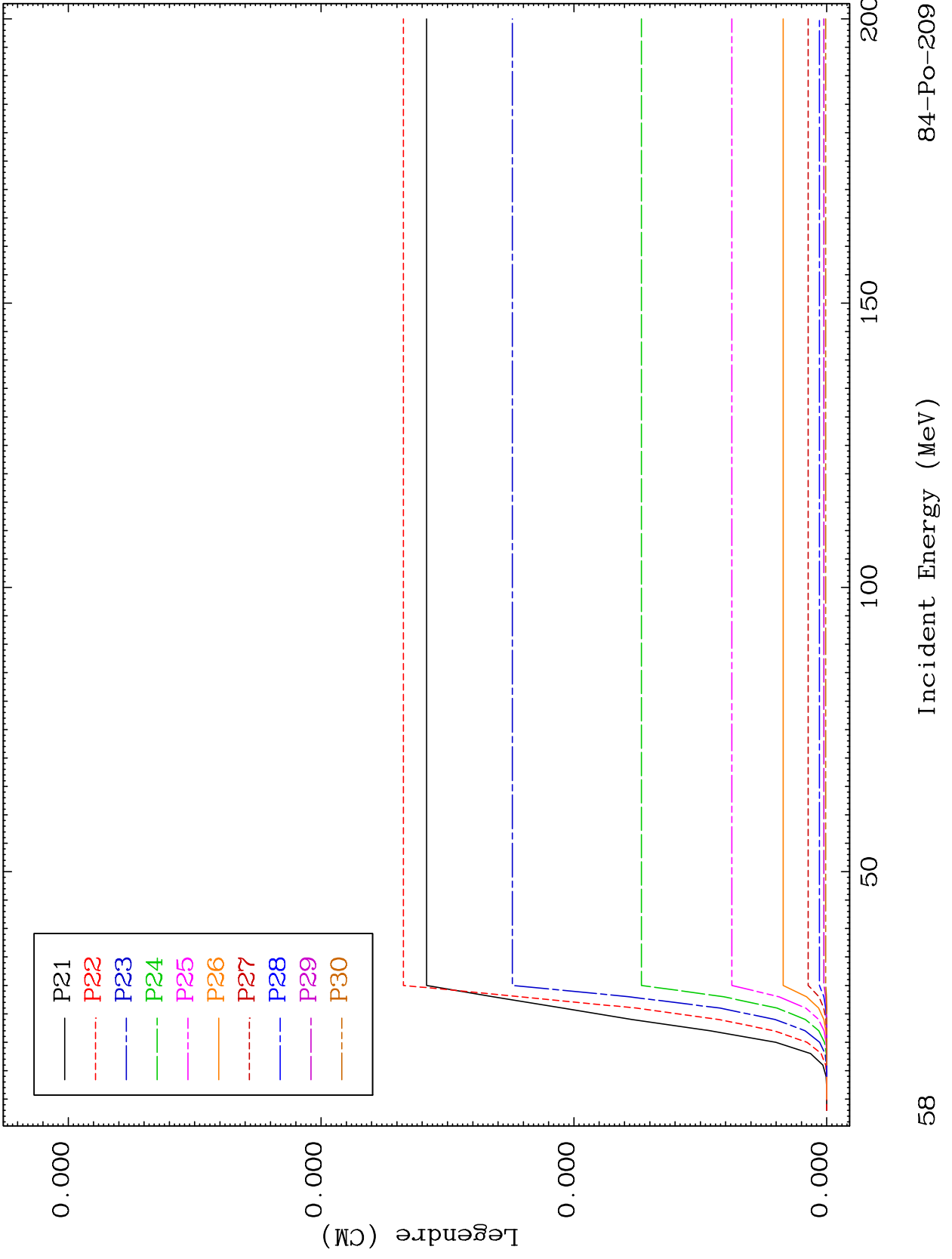
Incident Energy (MeV)

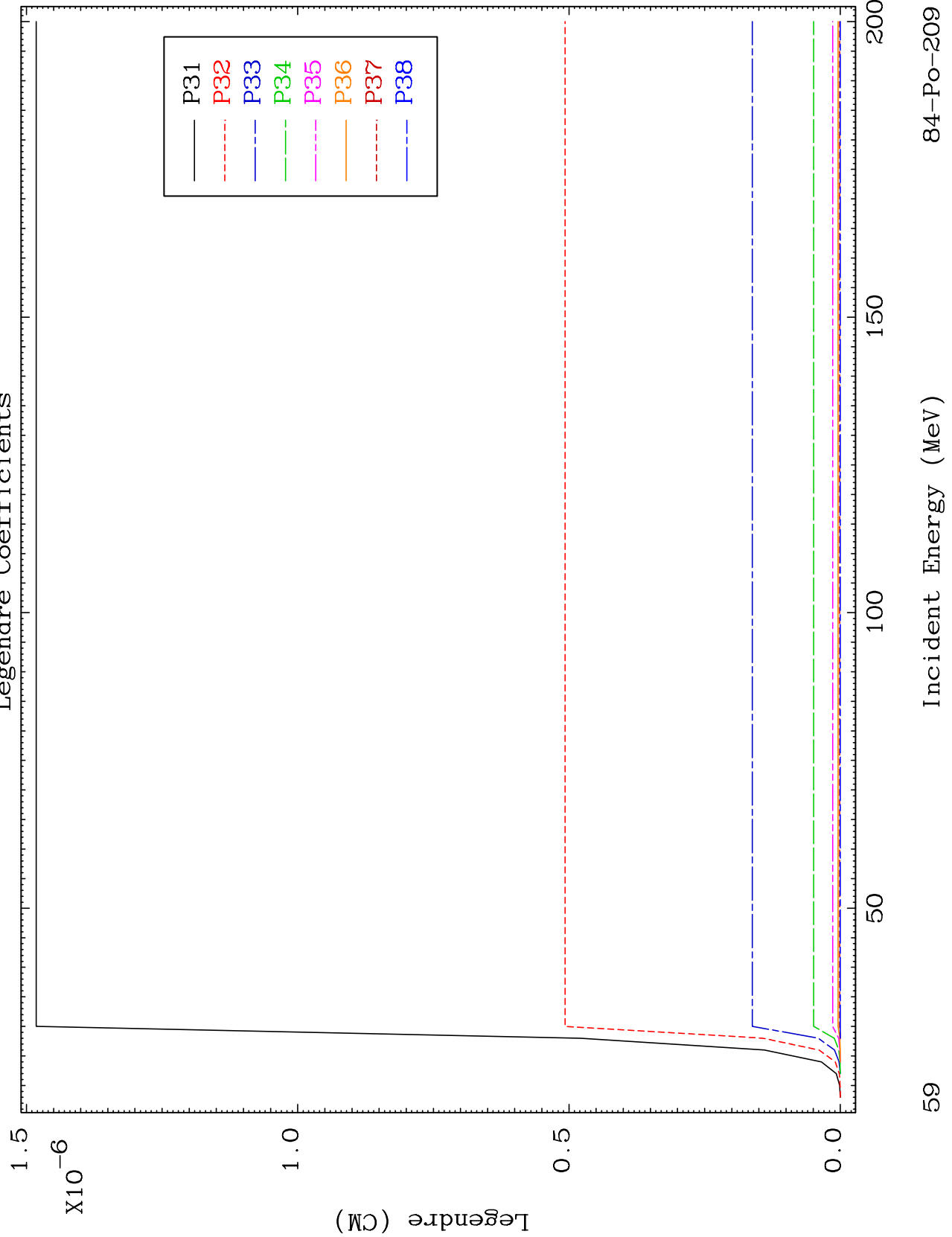
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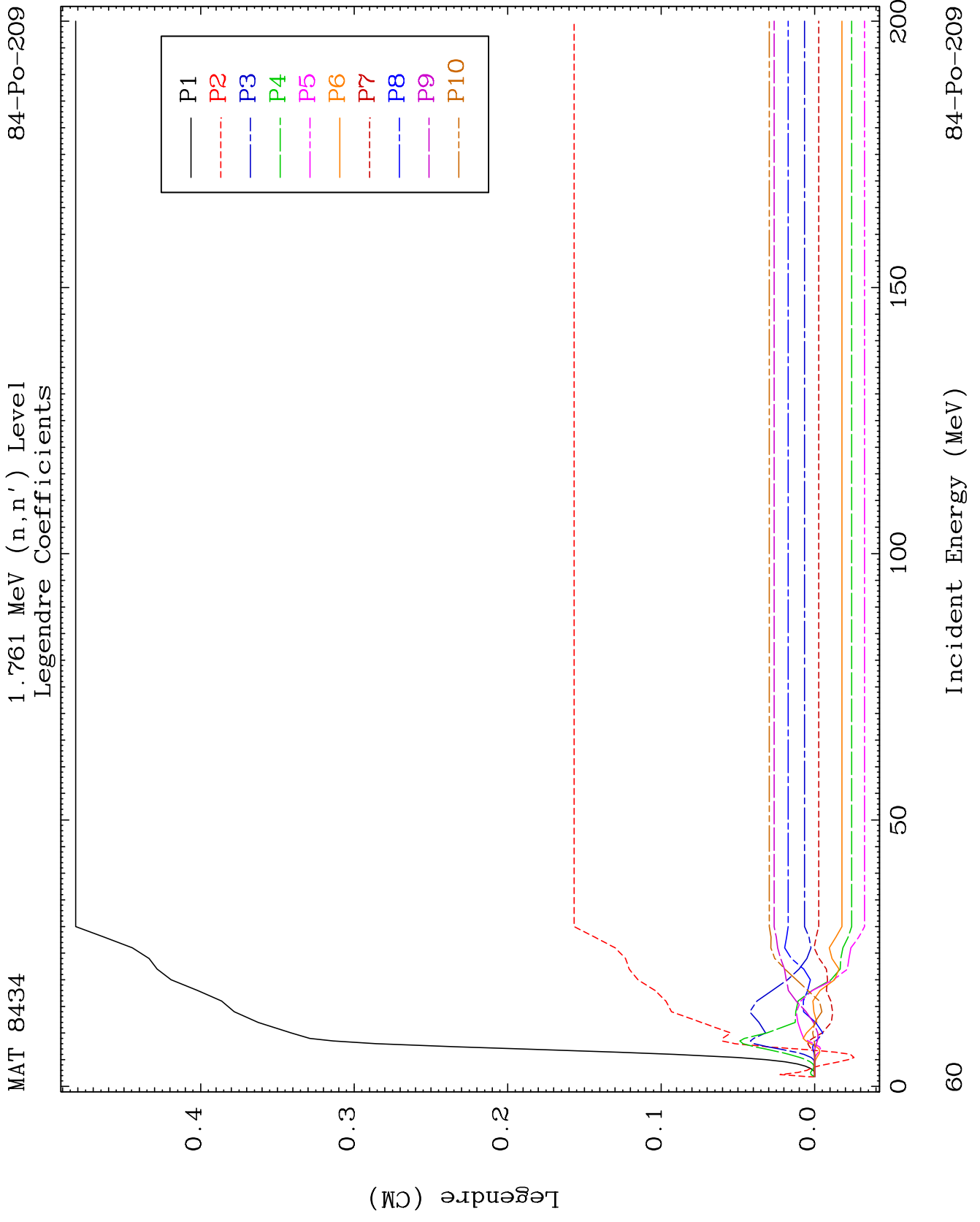
MAT 8434

1.716 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



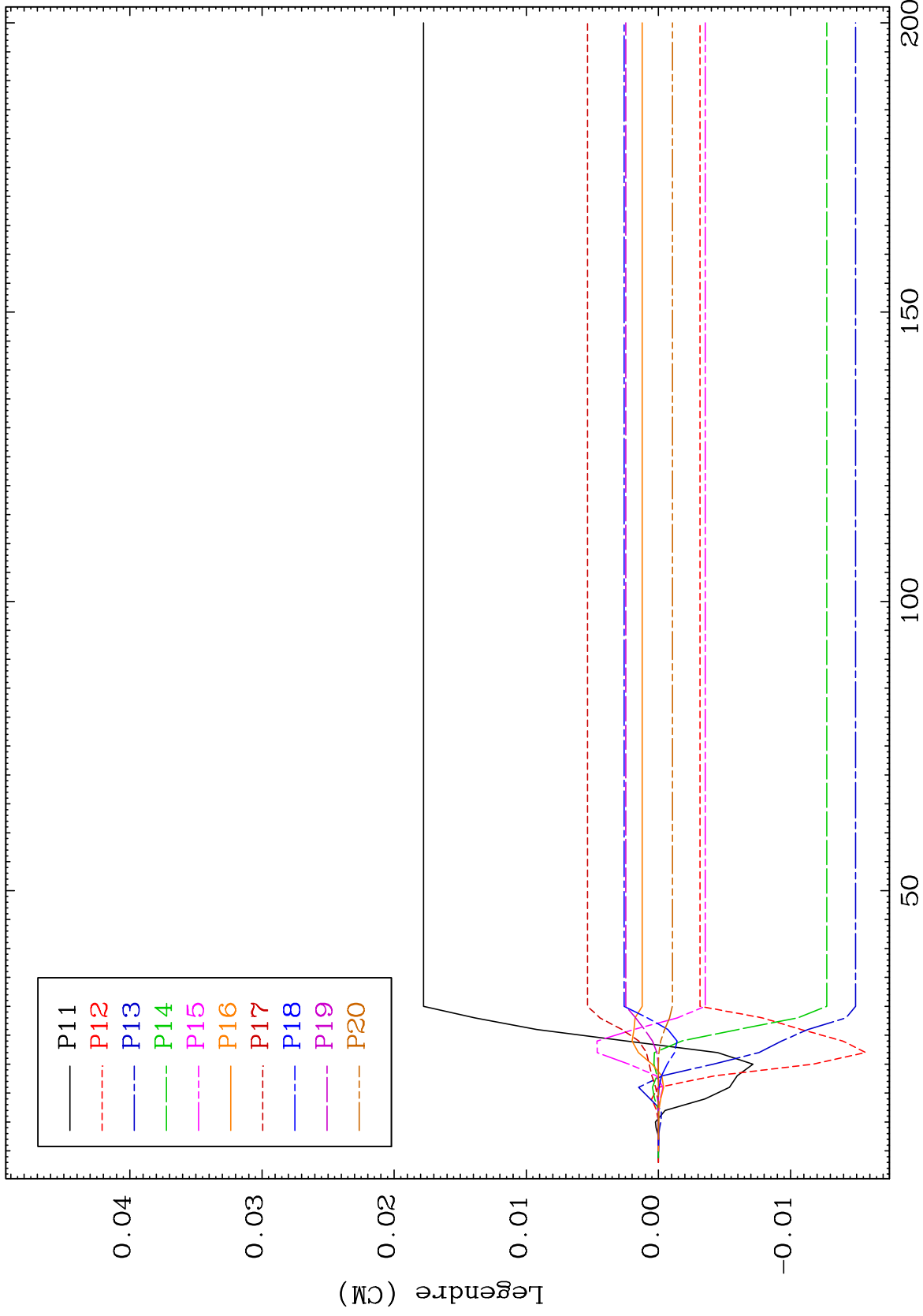




MAT 8434

1.761 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



61

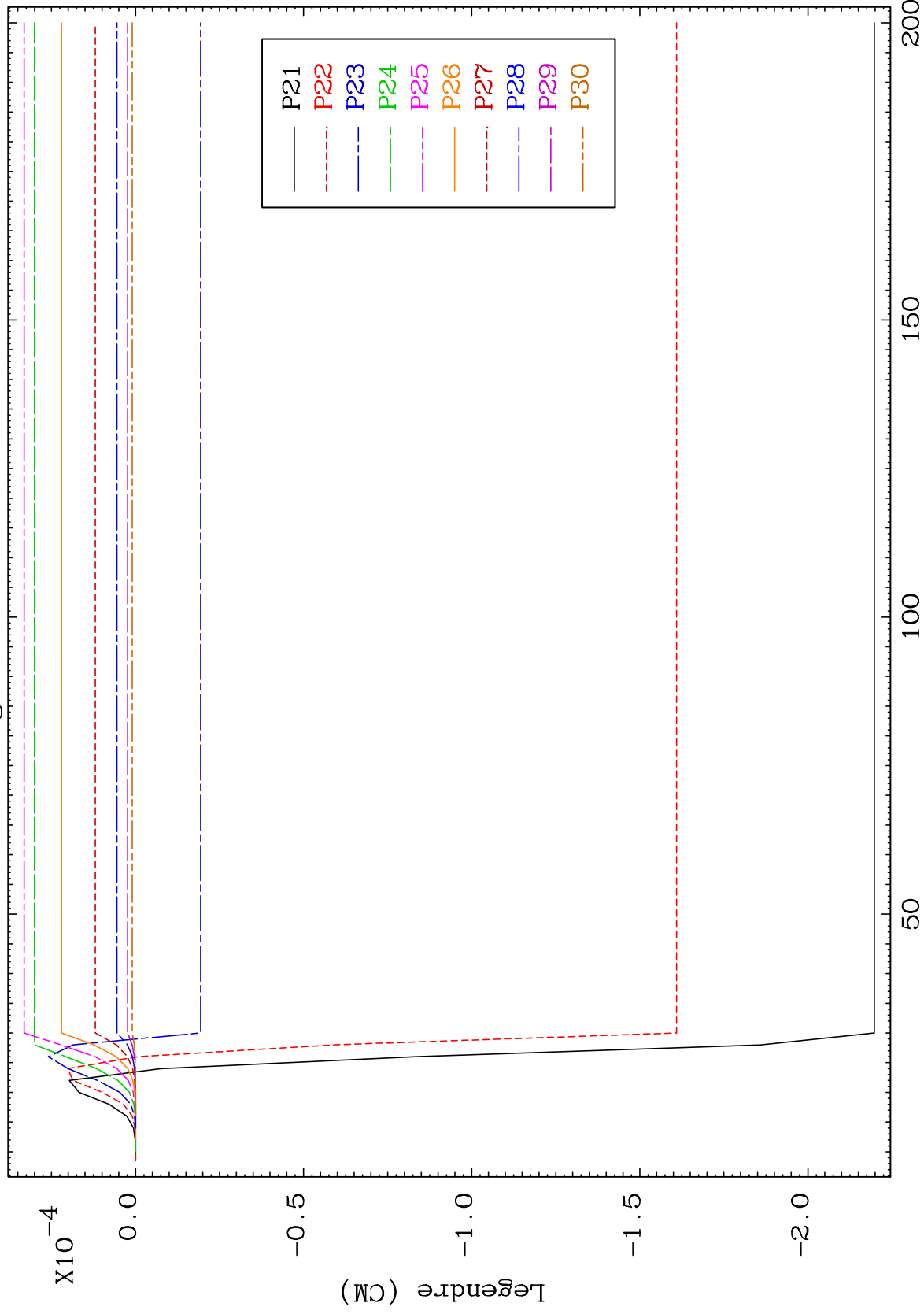
Incident Energy (MeV)

84-Po-209

MAT 8434

1.761 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



62

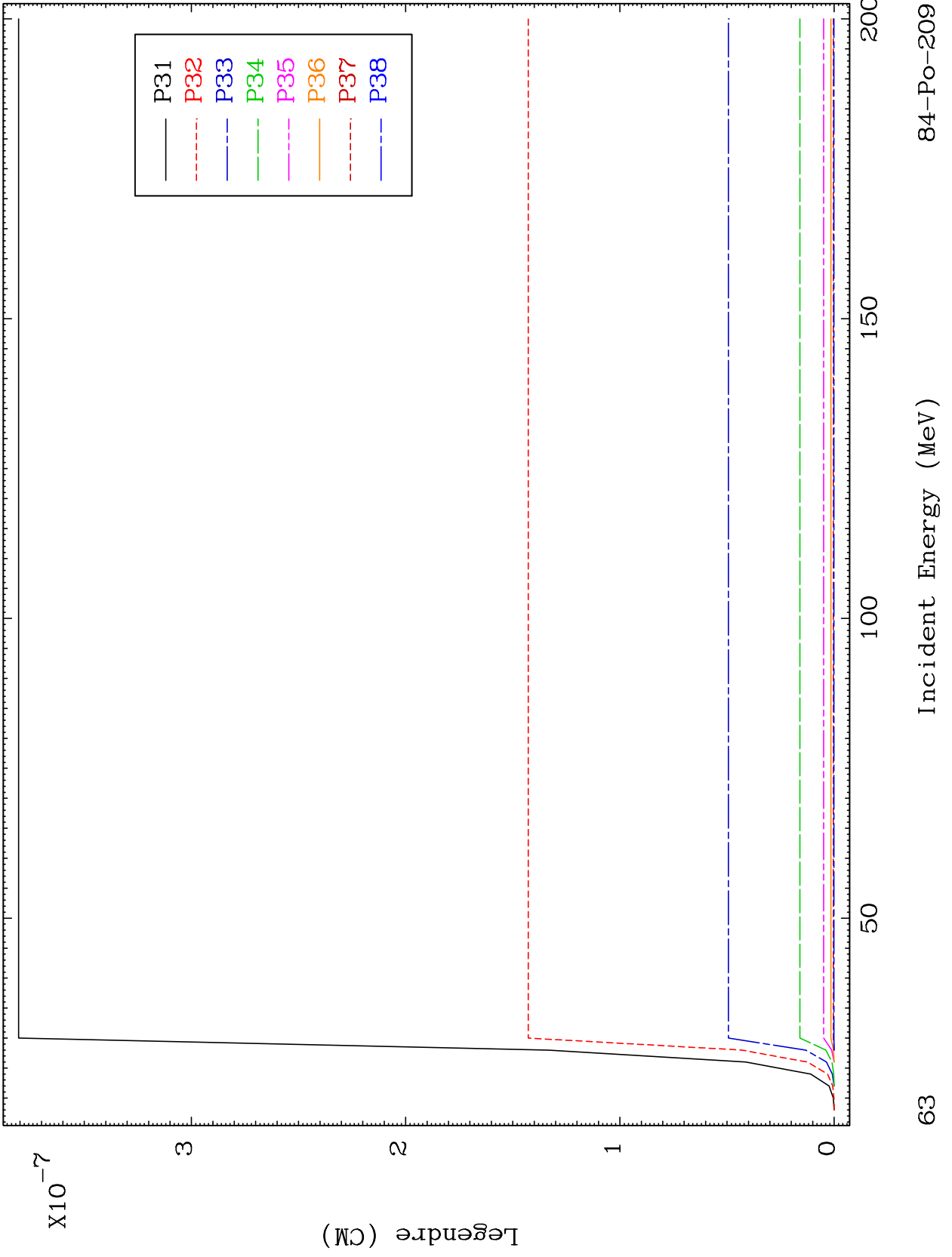
Incident Energy (MeV)

84-Po-209

MAT 8434

1.761 MeV (n,n') Level  
Legendre Coefficients

84-Po-209

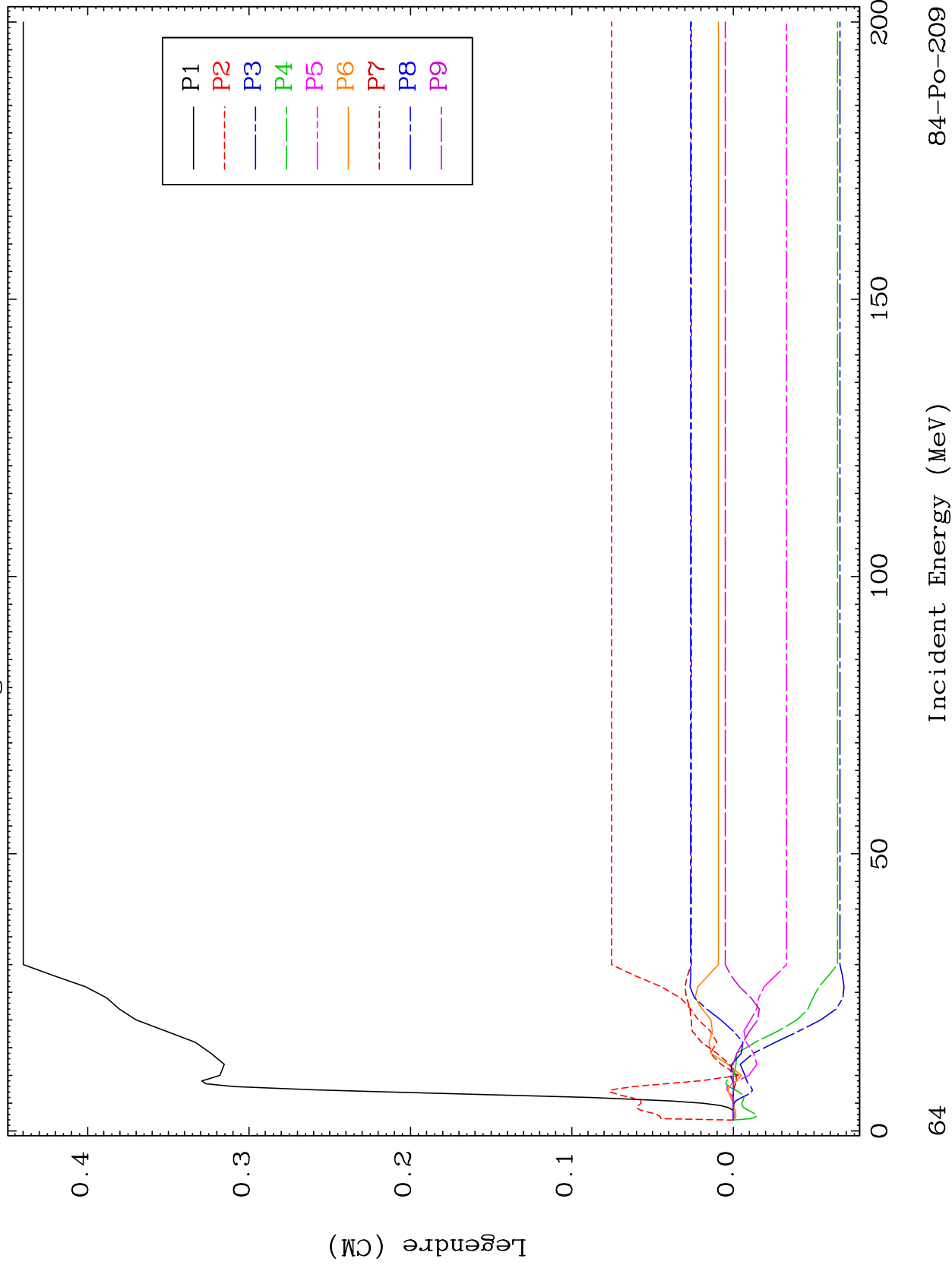




MAT 8434

1.938 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



84-Po-209

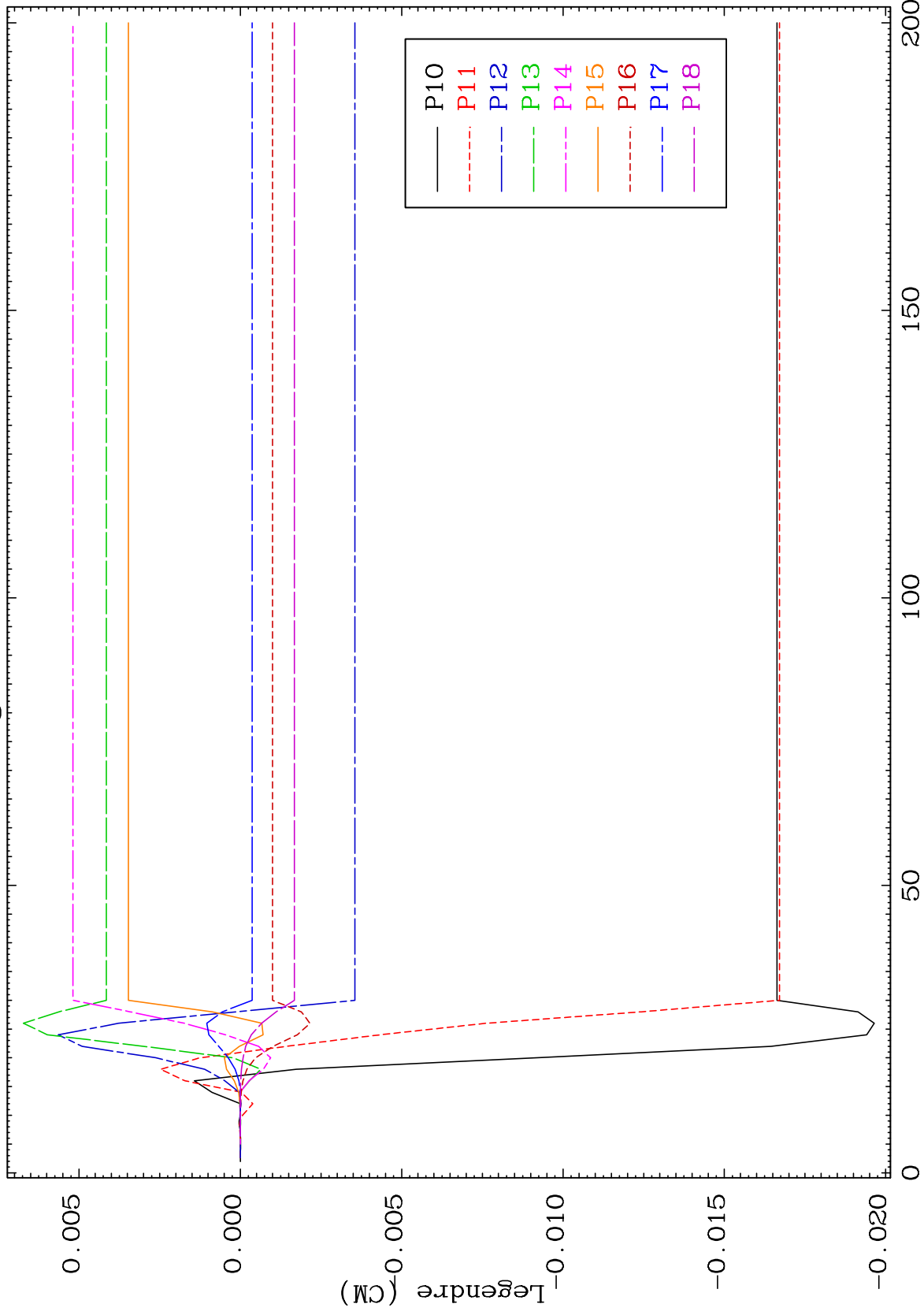
Incident Energy (MeV)

64

MAT 8434

1.938 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



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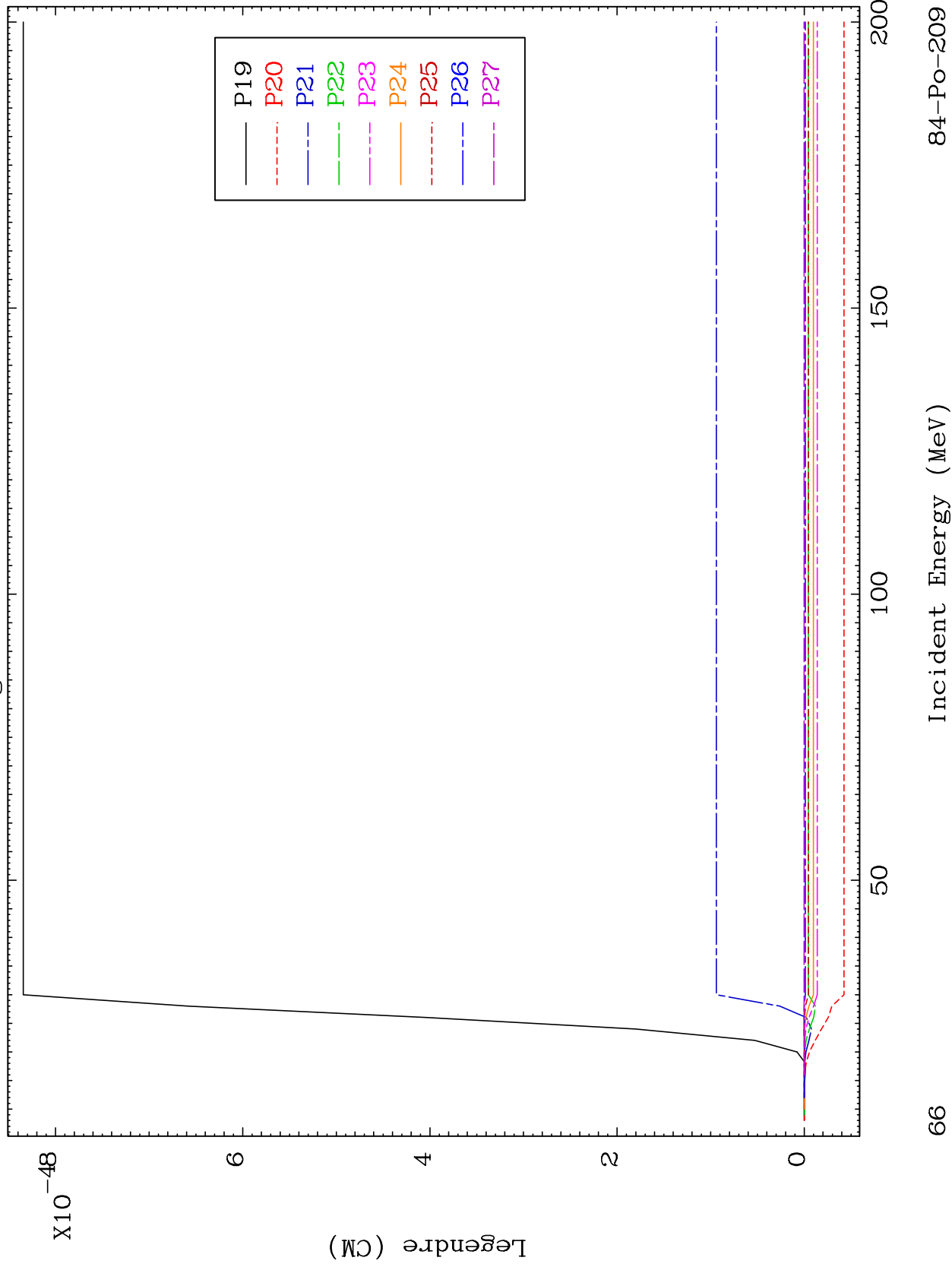
Incident Energy (MeV)

84-Po-209

MAT 8434

1.938 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



66

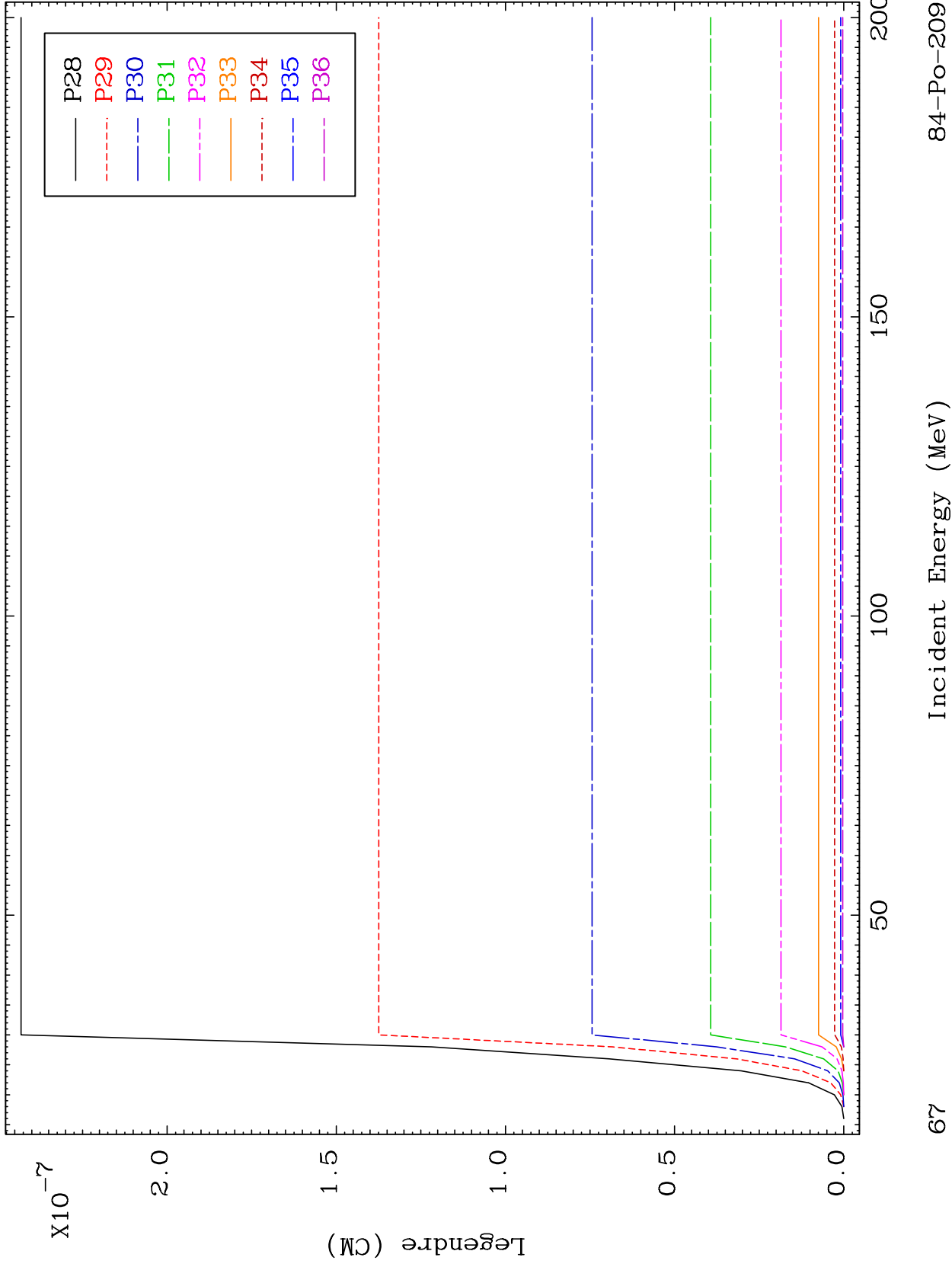
Incident Energy (MeV)

84-Po-209

MAT 8434

1.938 MeV (n,n') Level  
Legendre Coefficients

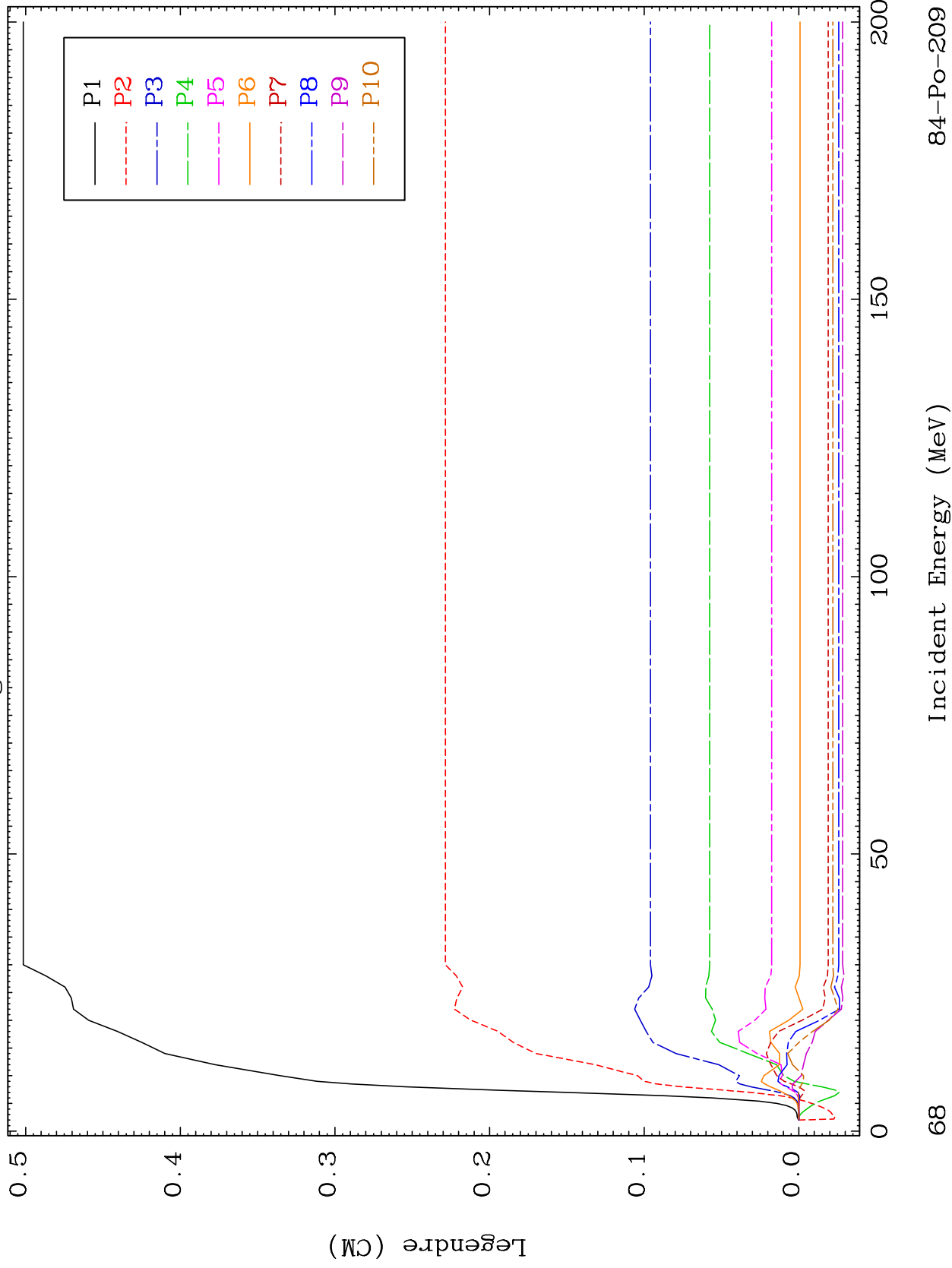
84-Po-209



MAT 8434

1.991 MeV (n,n') Level  
Legendre Coefficients

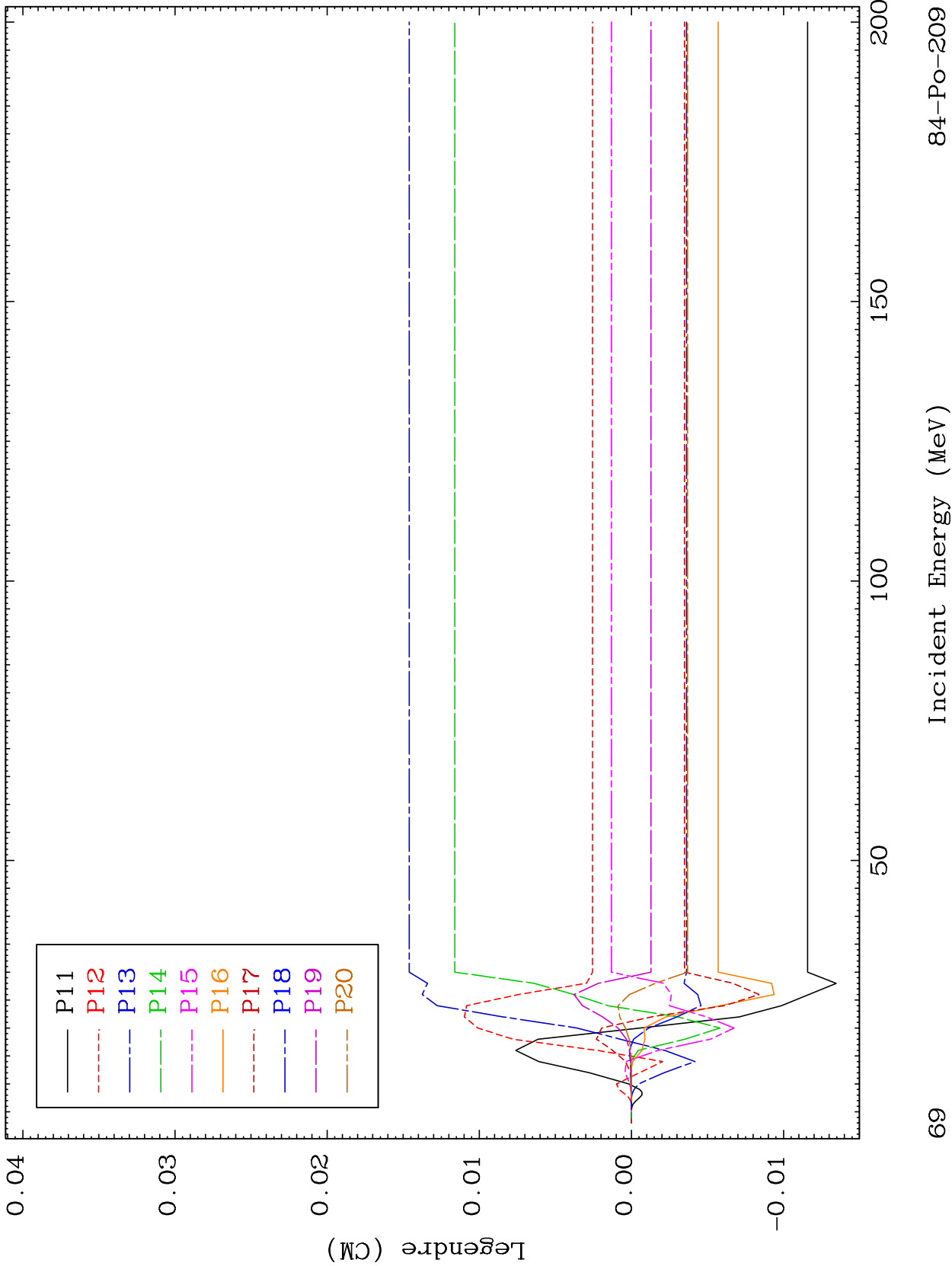
84-Po-209



84-Po-209

Incident Energy (MeV)

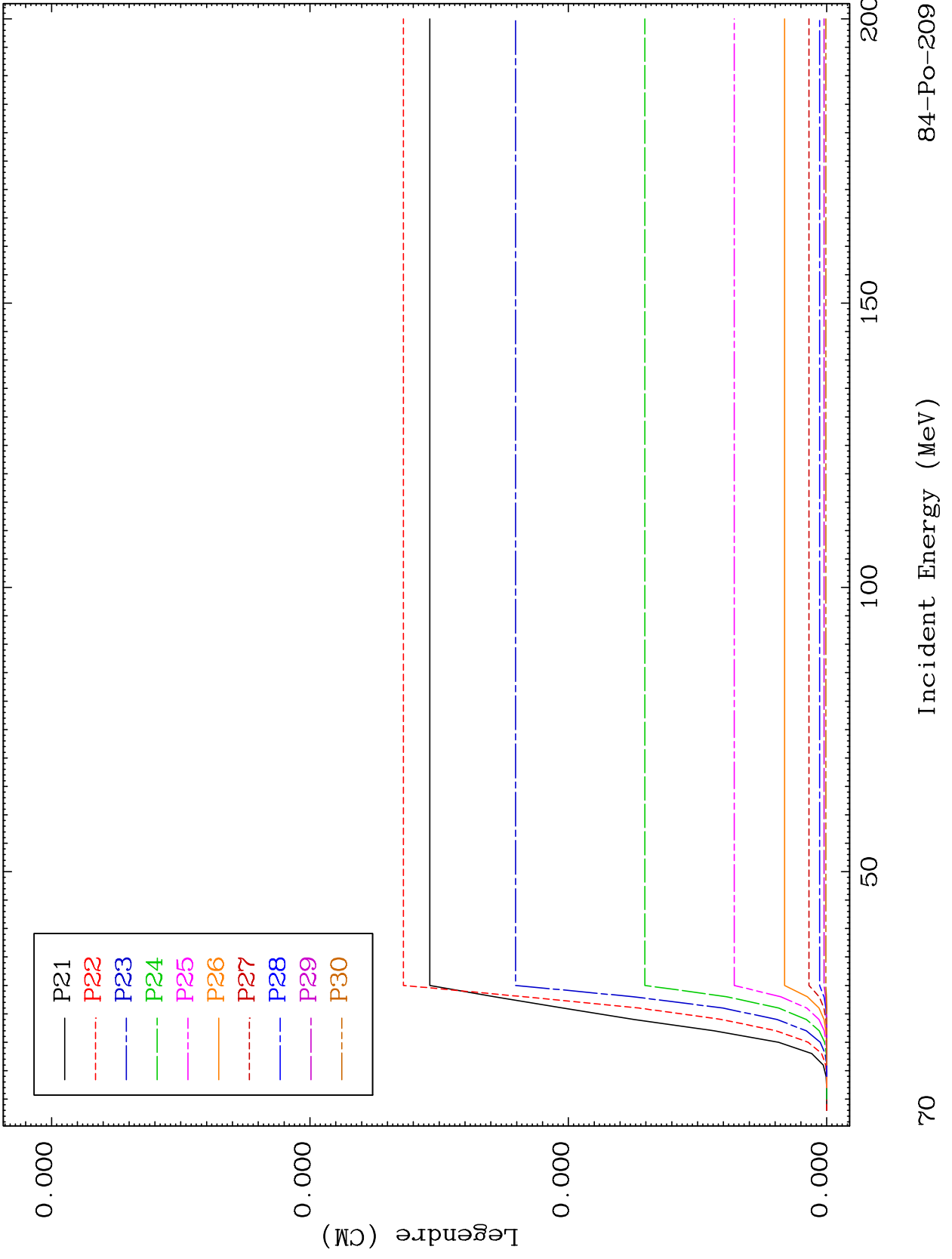
68



MAT 8434

1.991 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



70

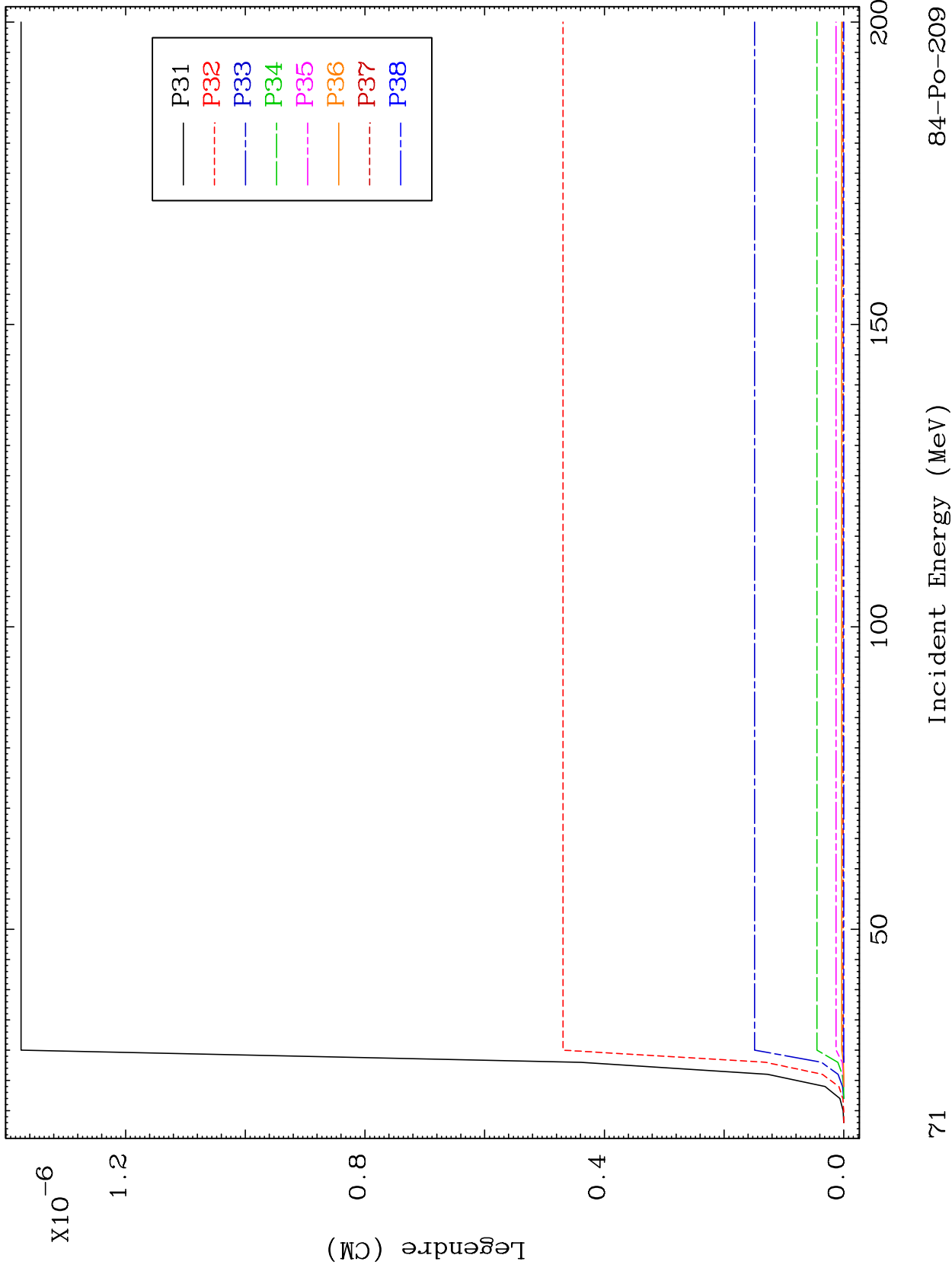
Incident Energy (MeV)

84-Po-209

MAT 8434

1.991 MeV (n,n') Level  
Legendre Coefficients

84-Po-209

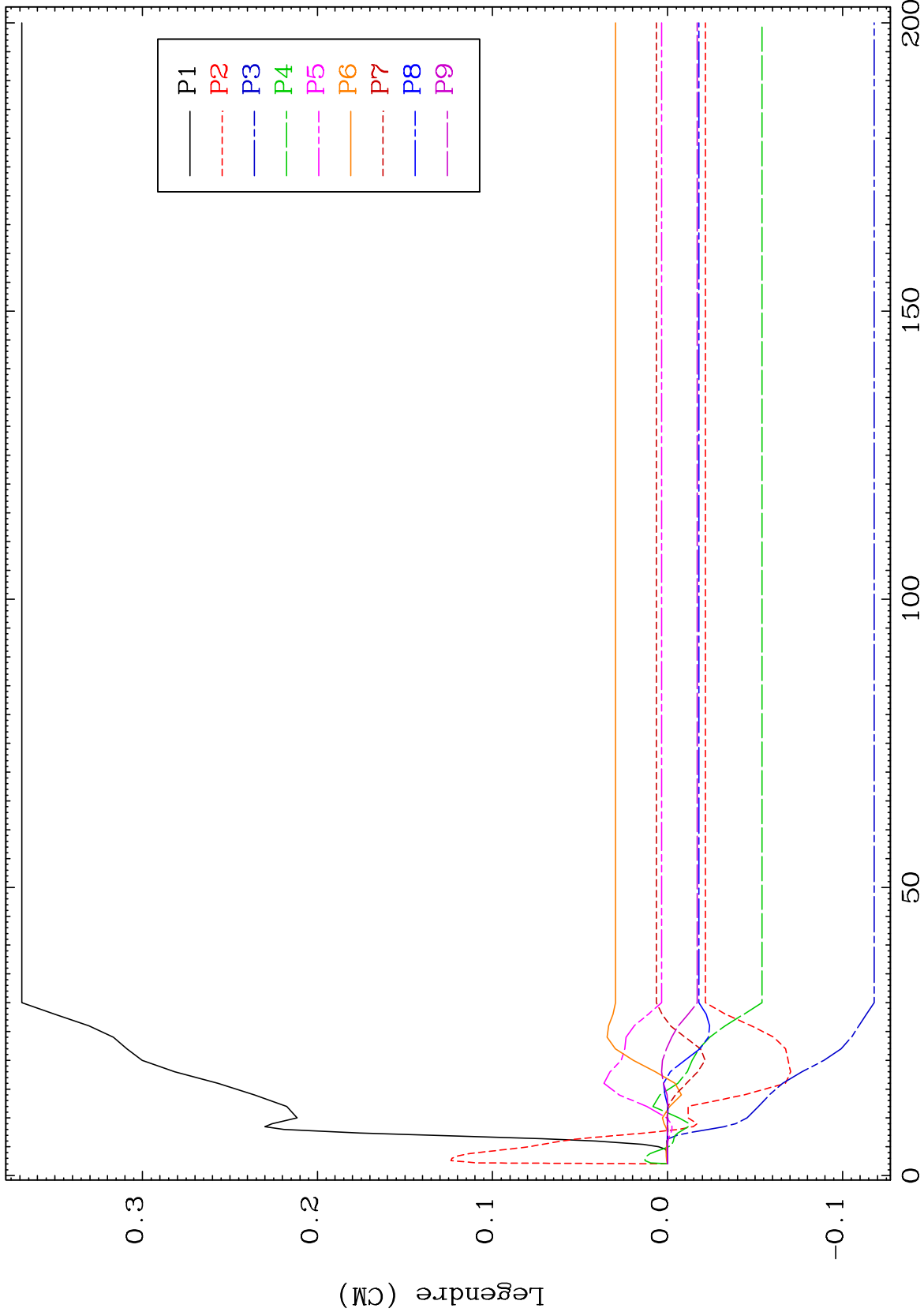




MAT 8434

2.030 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



72

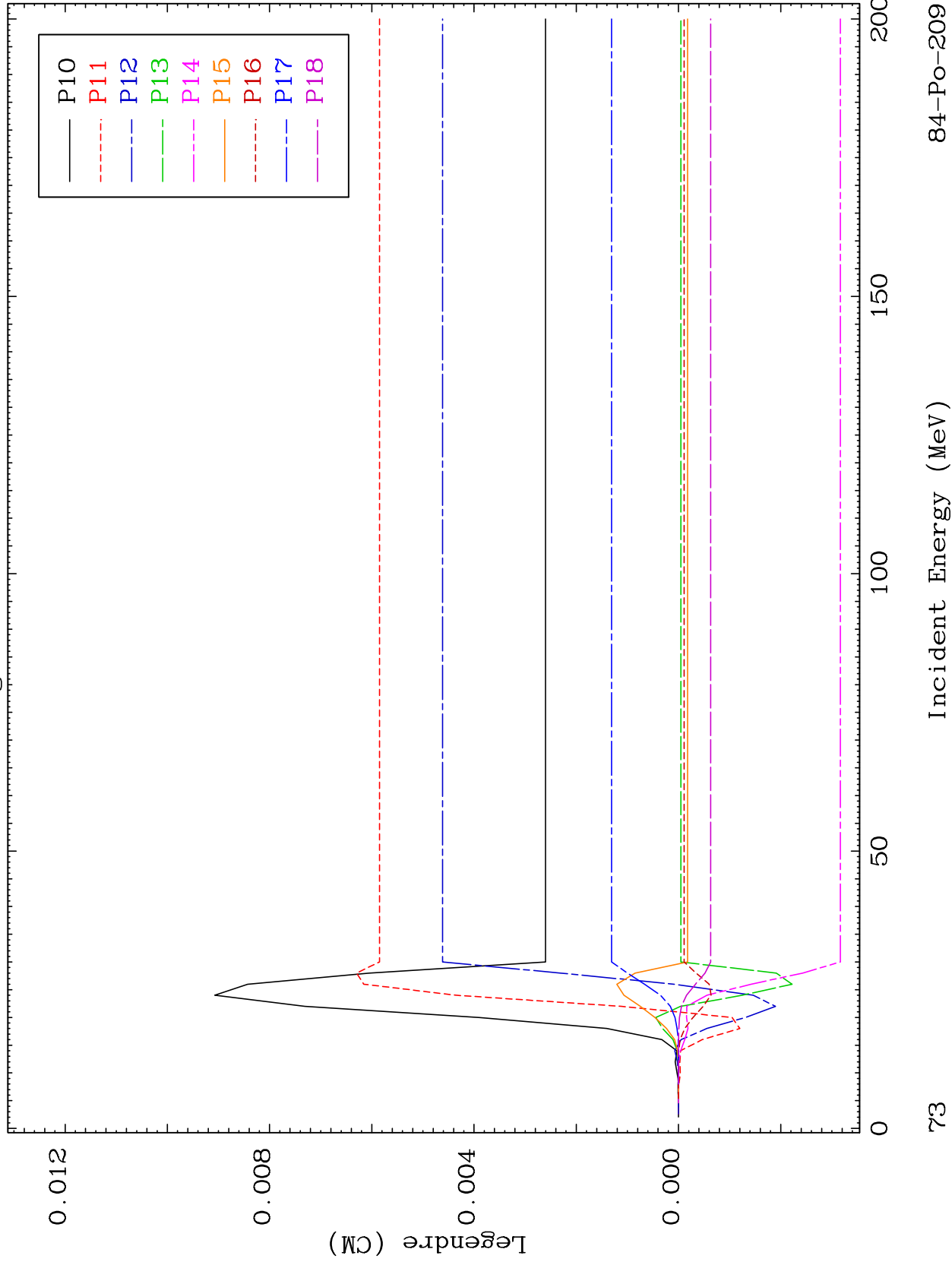
Incident Energy (MeV)

84-Po-209

MAT 8434

2.030 MeV (n,n') Level  
Legendre Coefficients

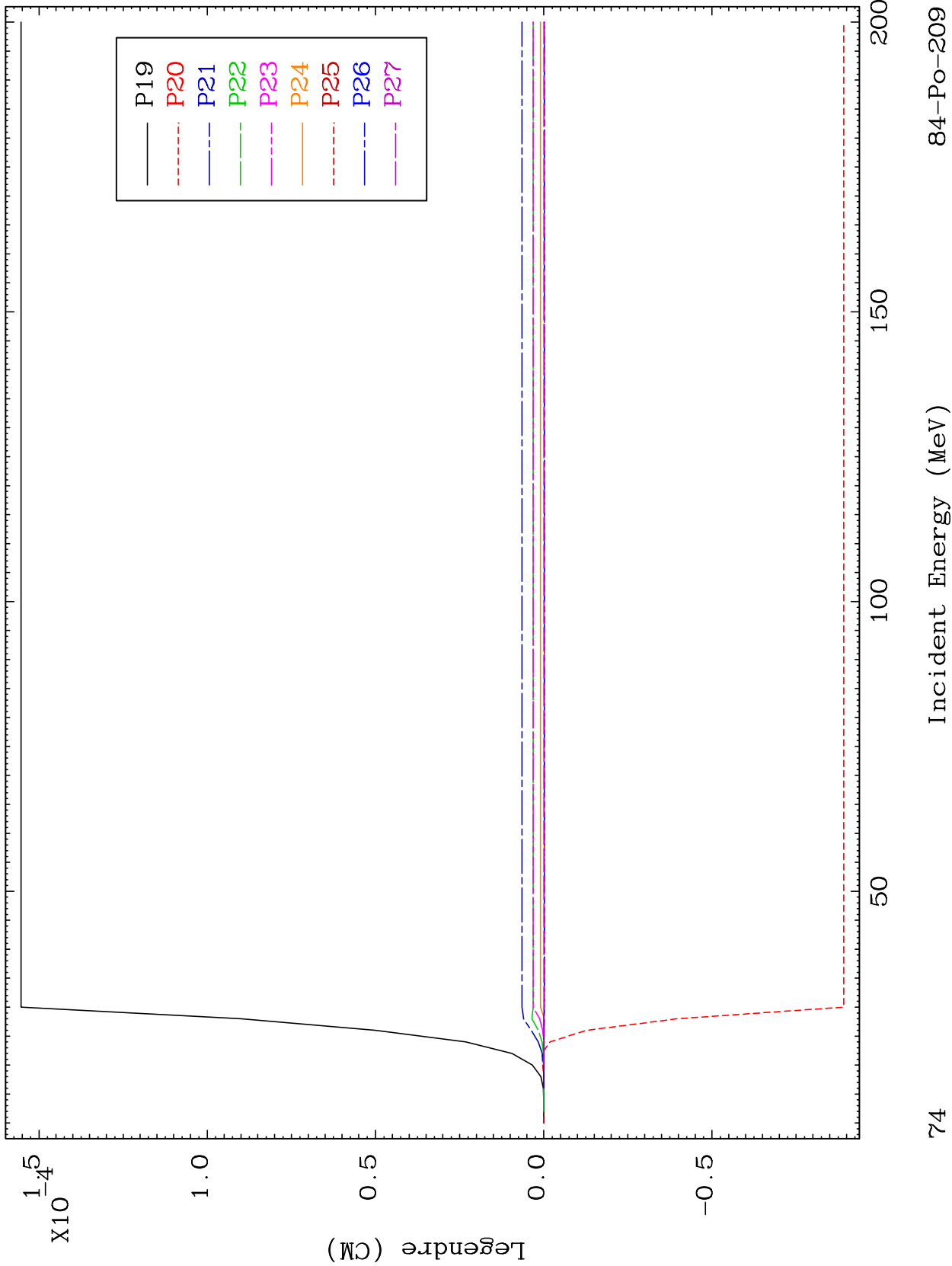
84-Po-209

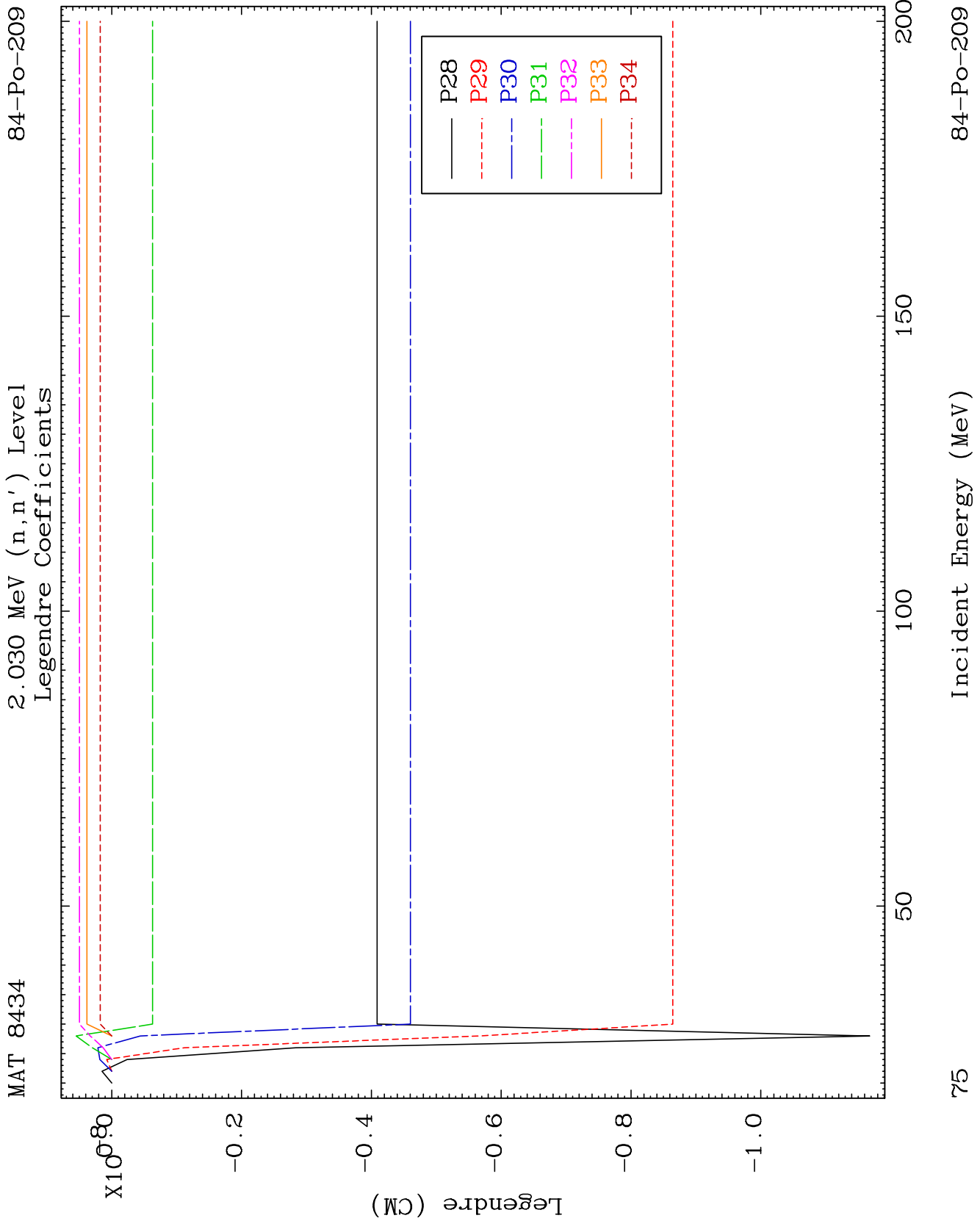


73

Incident Energy (MeV)

84-Po-209

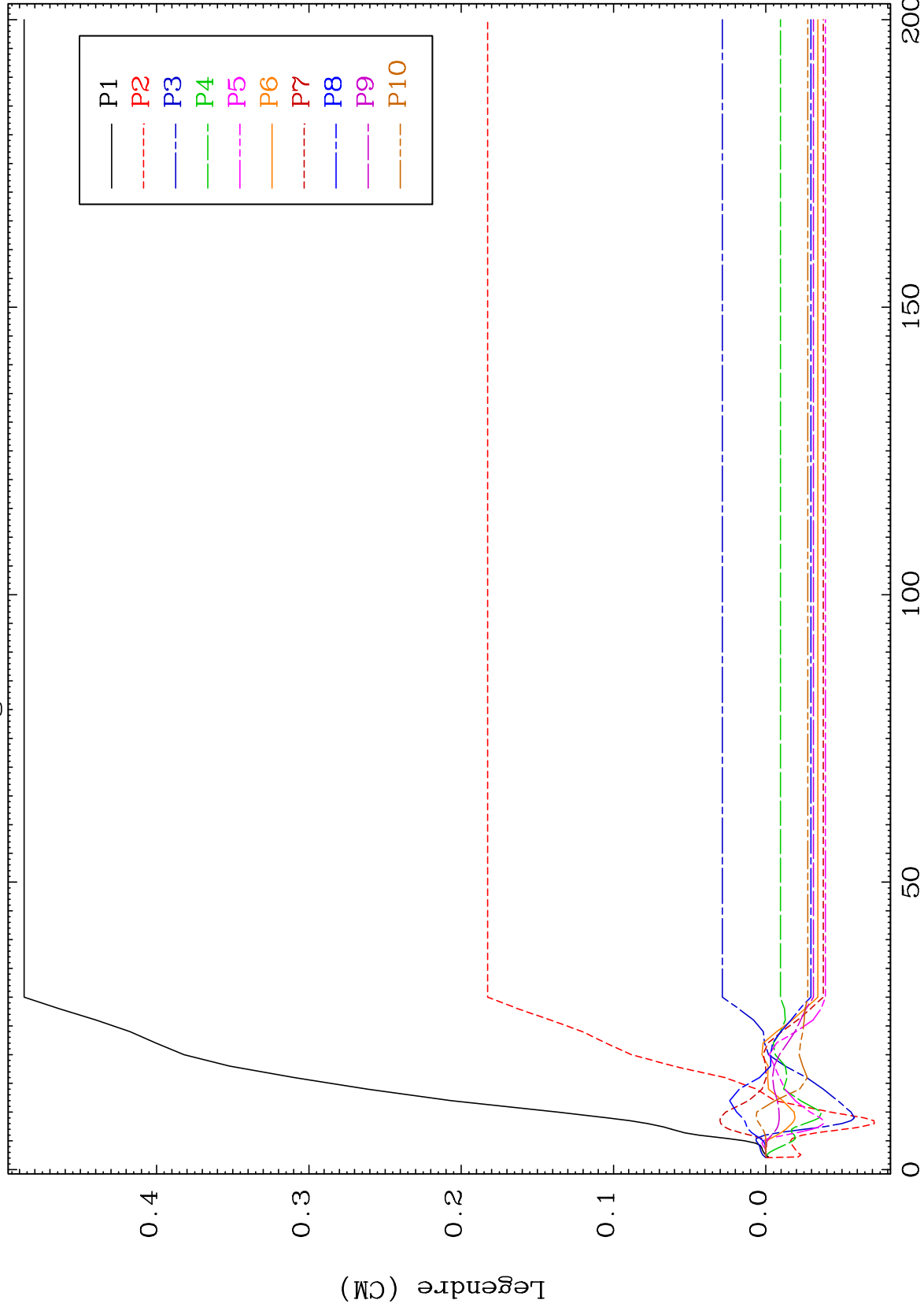




MAT 8434

2.061 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



76

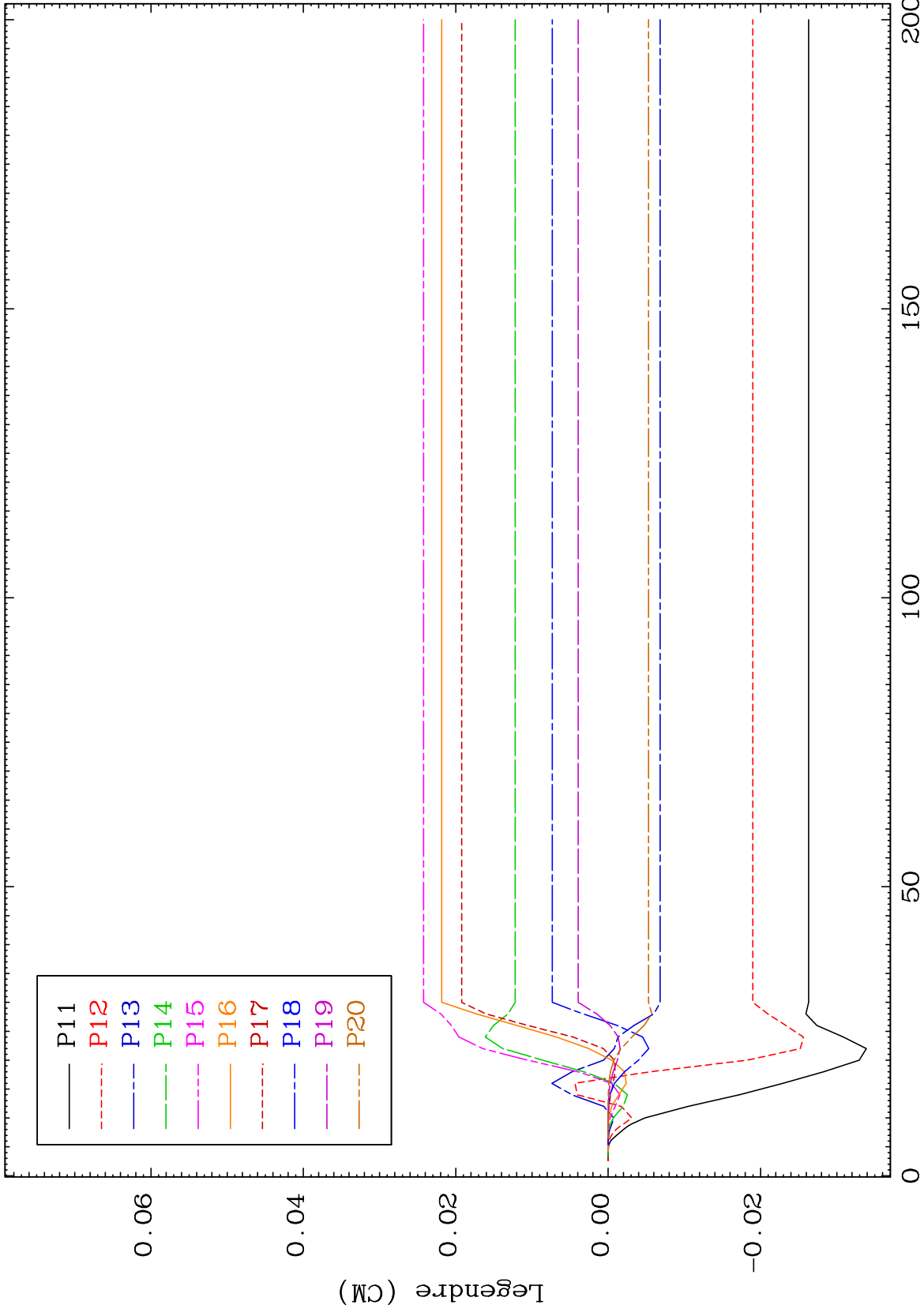
84-Po-209

84-Po-209

MAT 8434

2.061 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



77

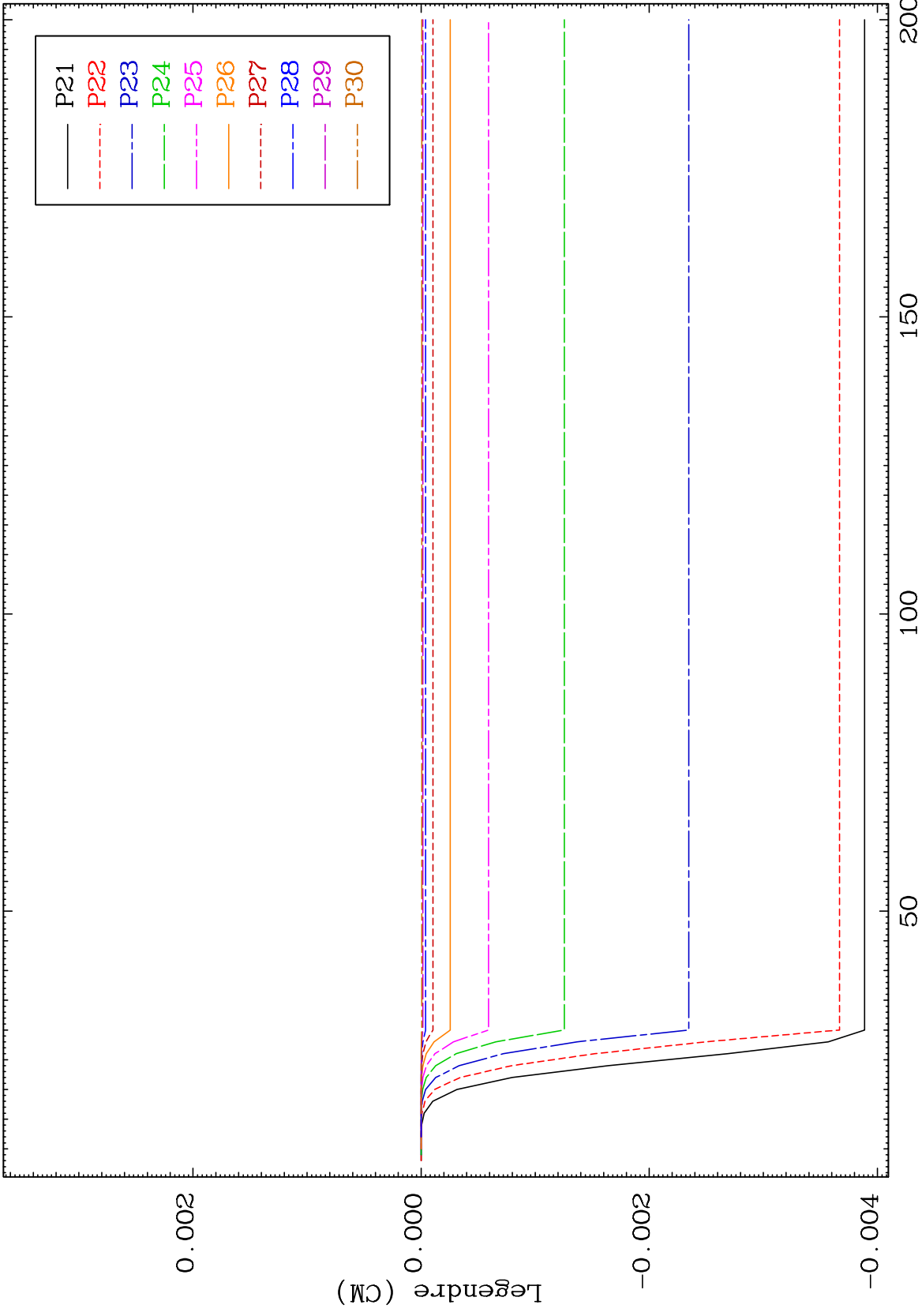
Incident Energy (MeV)

84-Po-209

MAT 8434

2.061 MeV (n,n') Level  
Legendre Coefficients

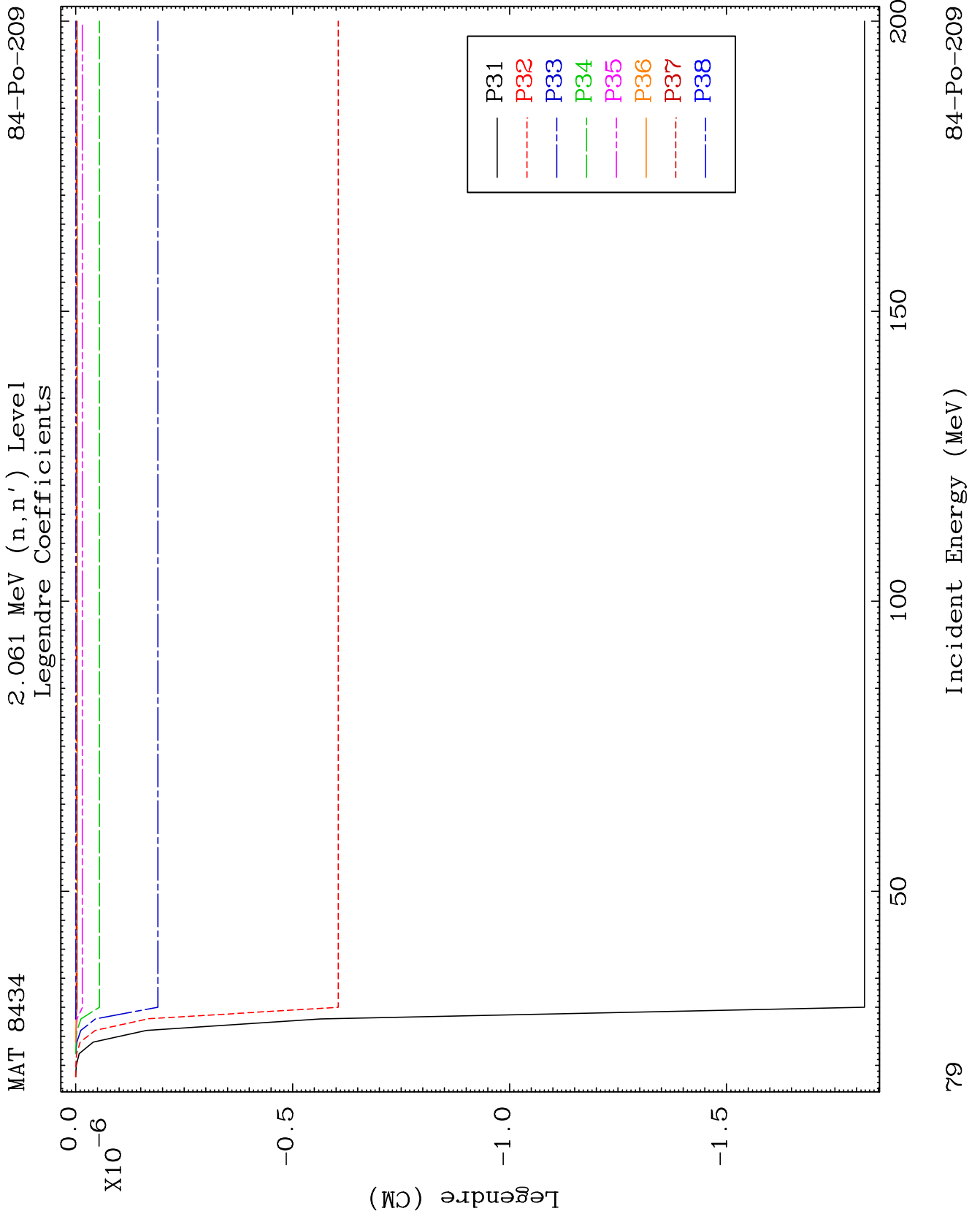
84-Po-209



78

Incident Energy (MeV)

84-Po-209

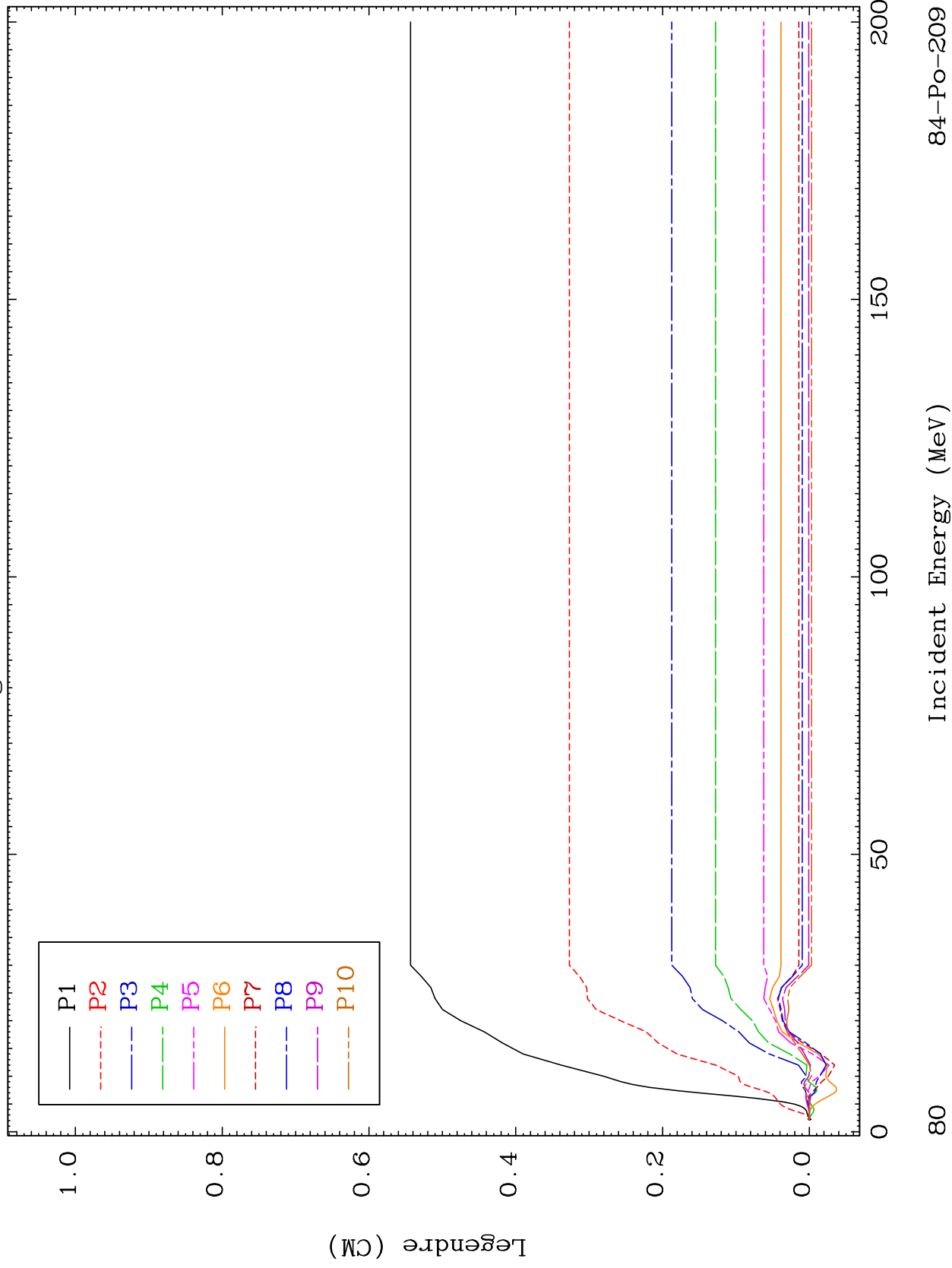




MAT 8434

2.082 MeV (n, n') Level  
Legendre Coefficients

84-Po-209



84-Po-209

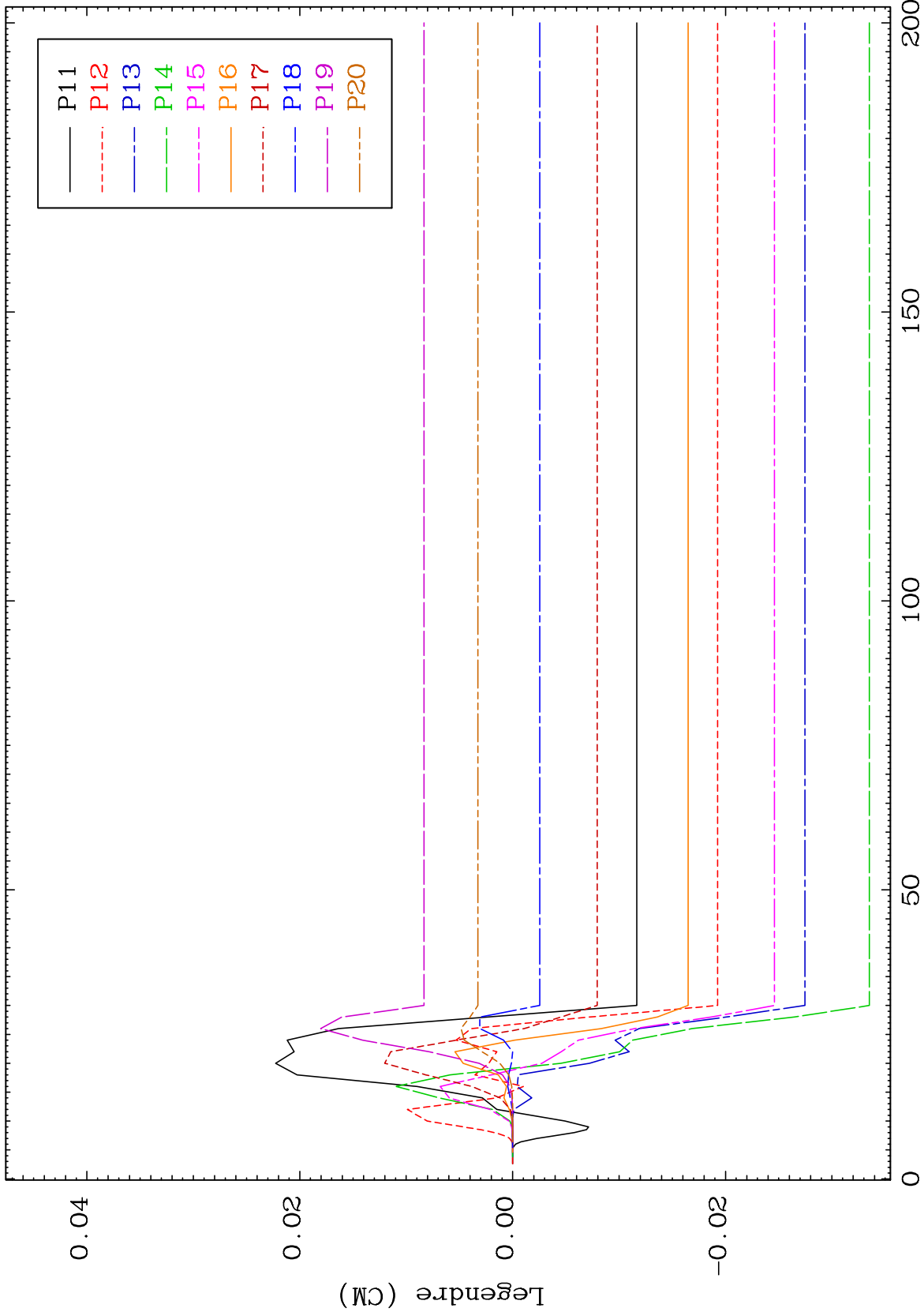
Incident Energy (MeV)

80

MAT 8434

2.082 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



81

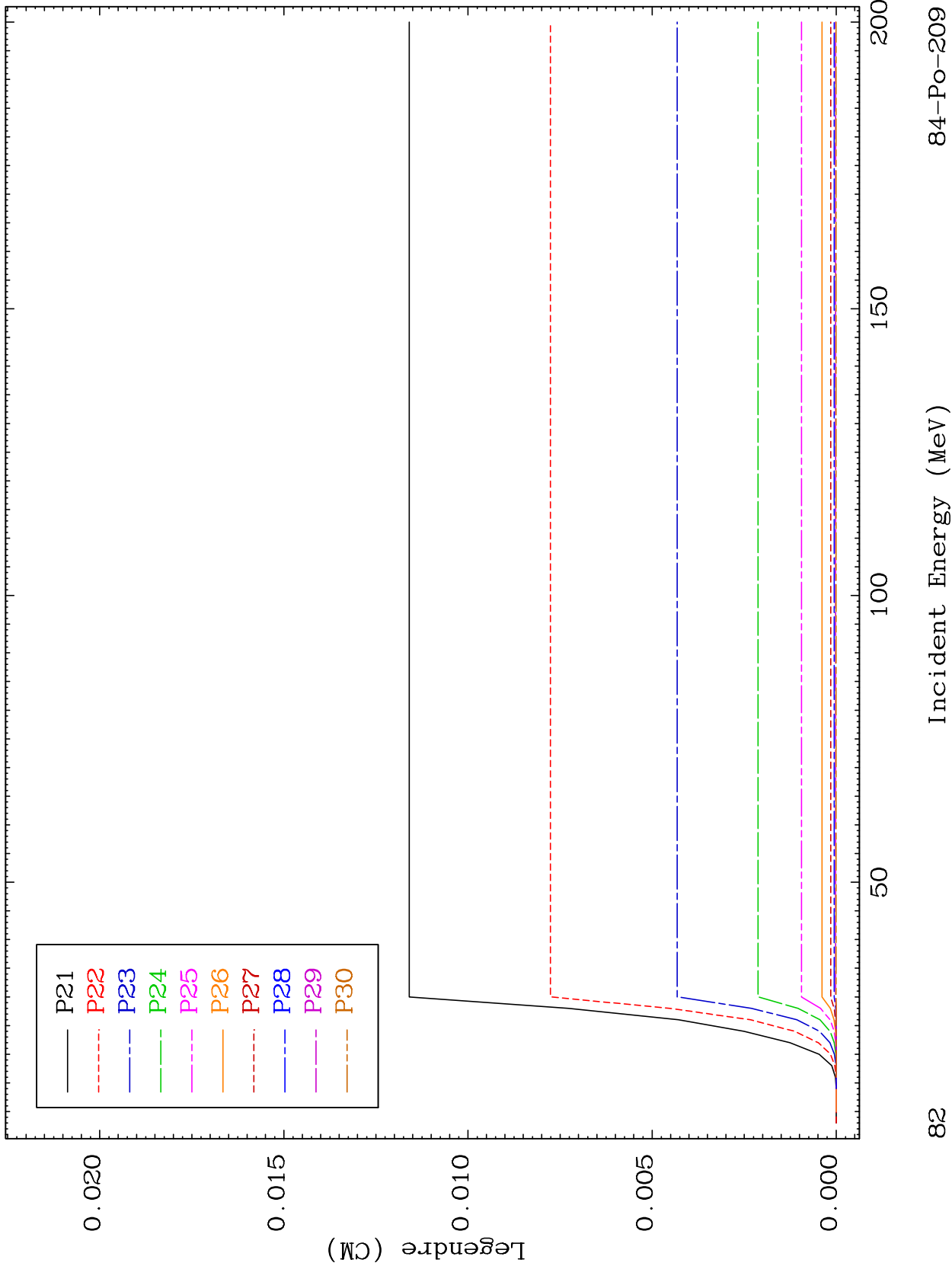
Incident Energy (MeV)

84-Po-209

MAT 8434

2.082 MeV (n,n') Level Legendre Coefficients

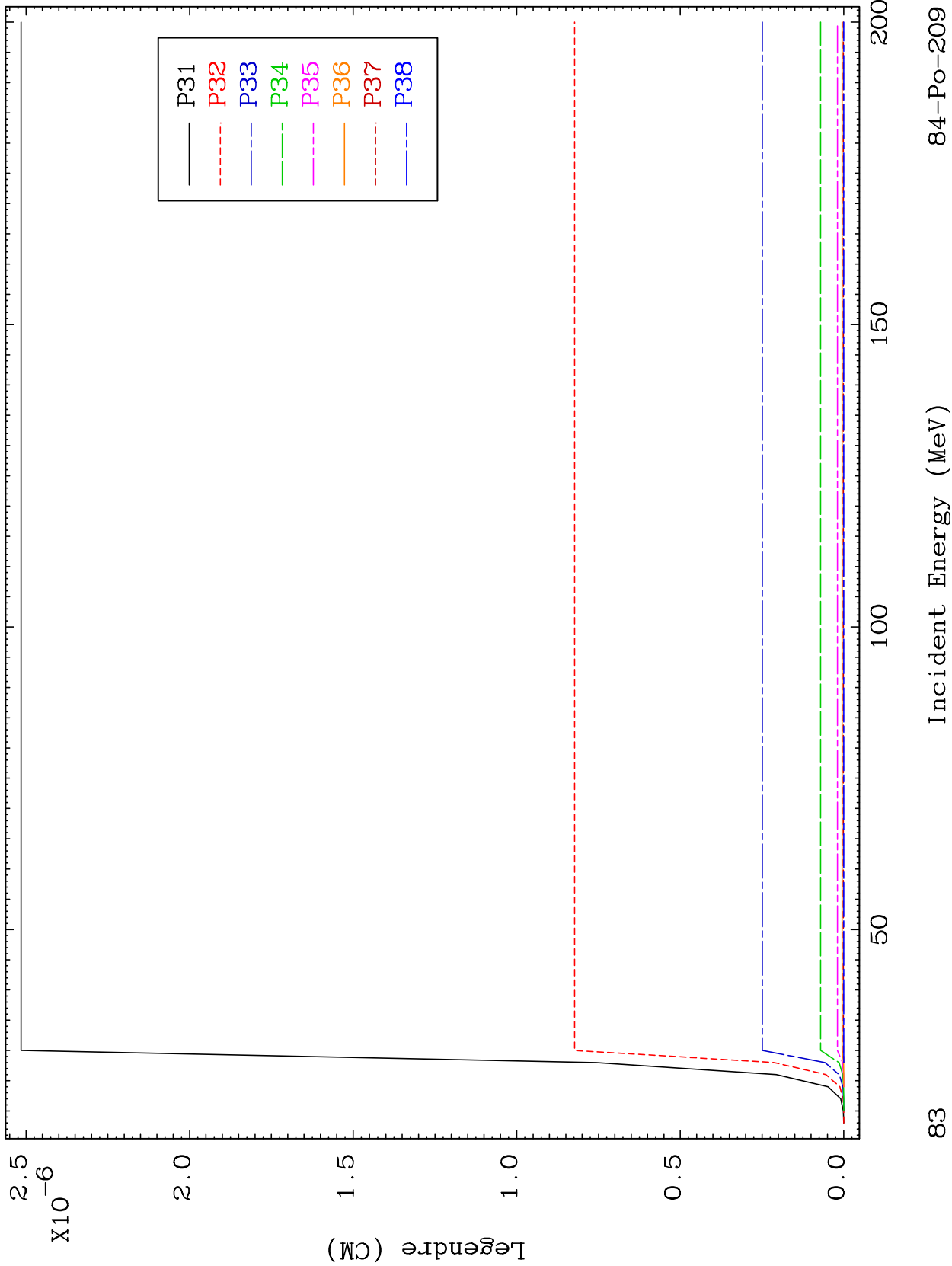
84-Po-209



82

Incident Energy (MeV)

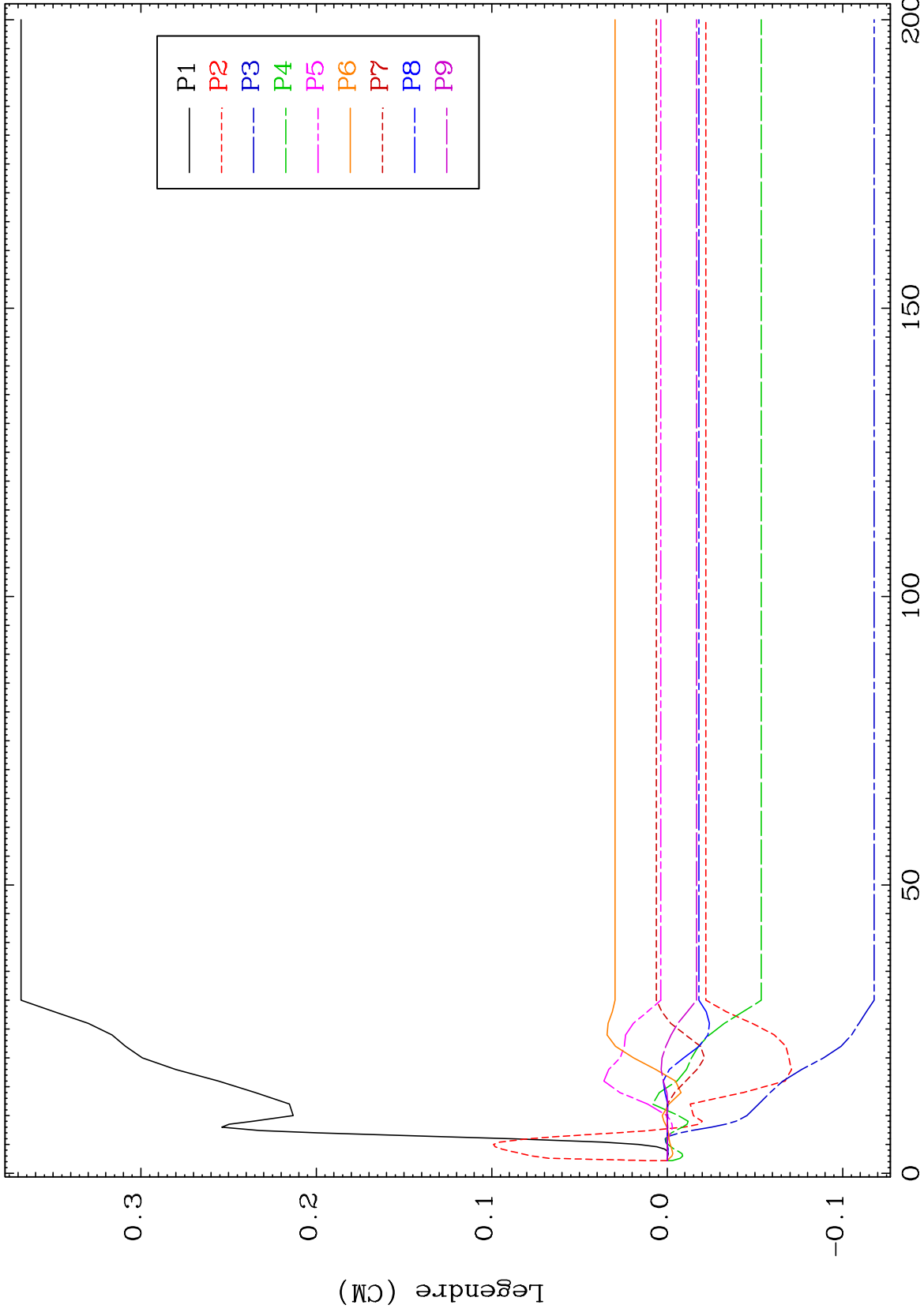
84-Po-209



MAT 8434

2.167 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



84

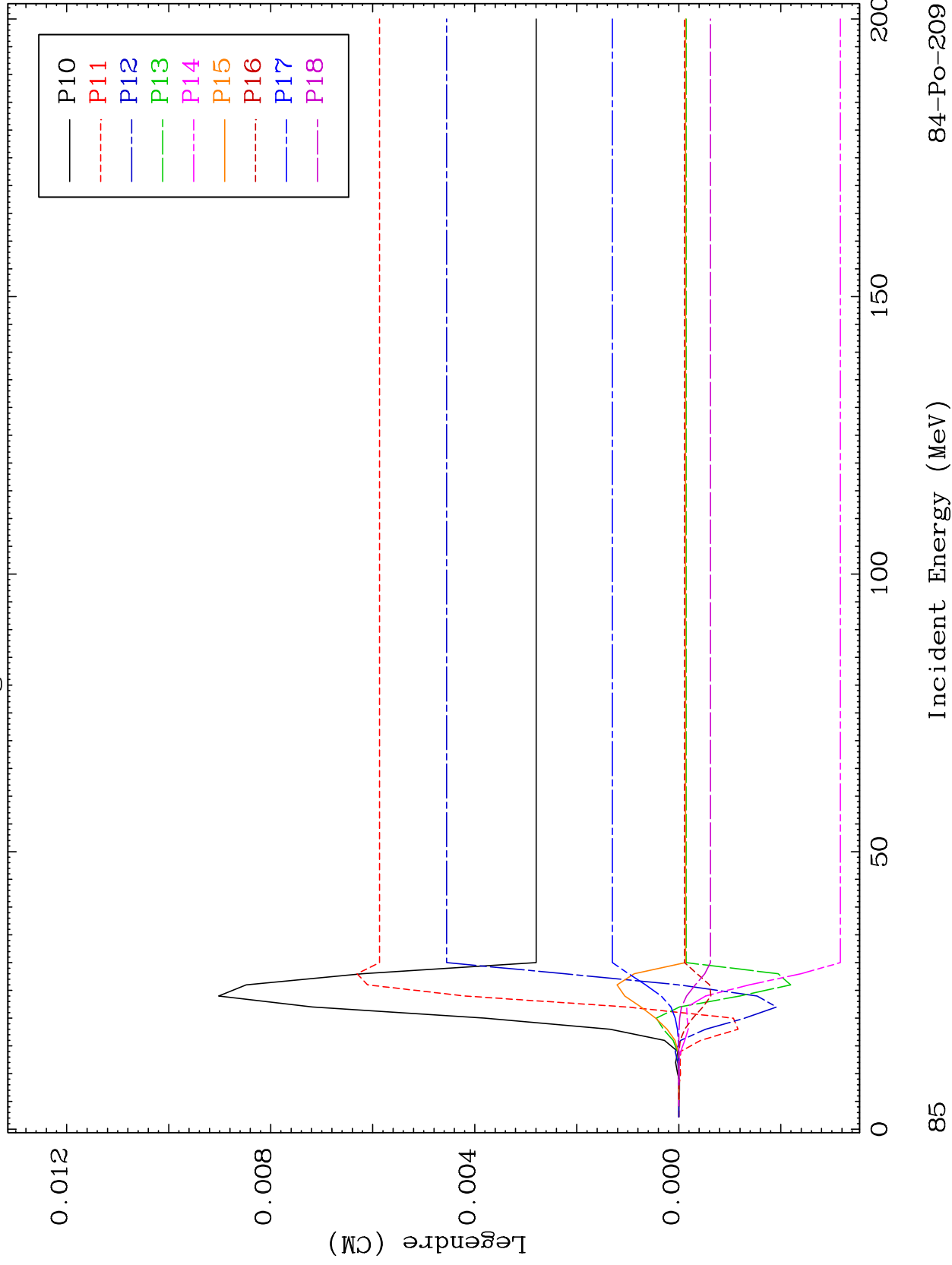
Incident Energy (MeV)

84-Po-209

MAT 8434

2.167 MeV (n,n') Level  
Legendre Coefficients

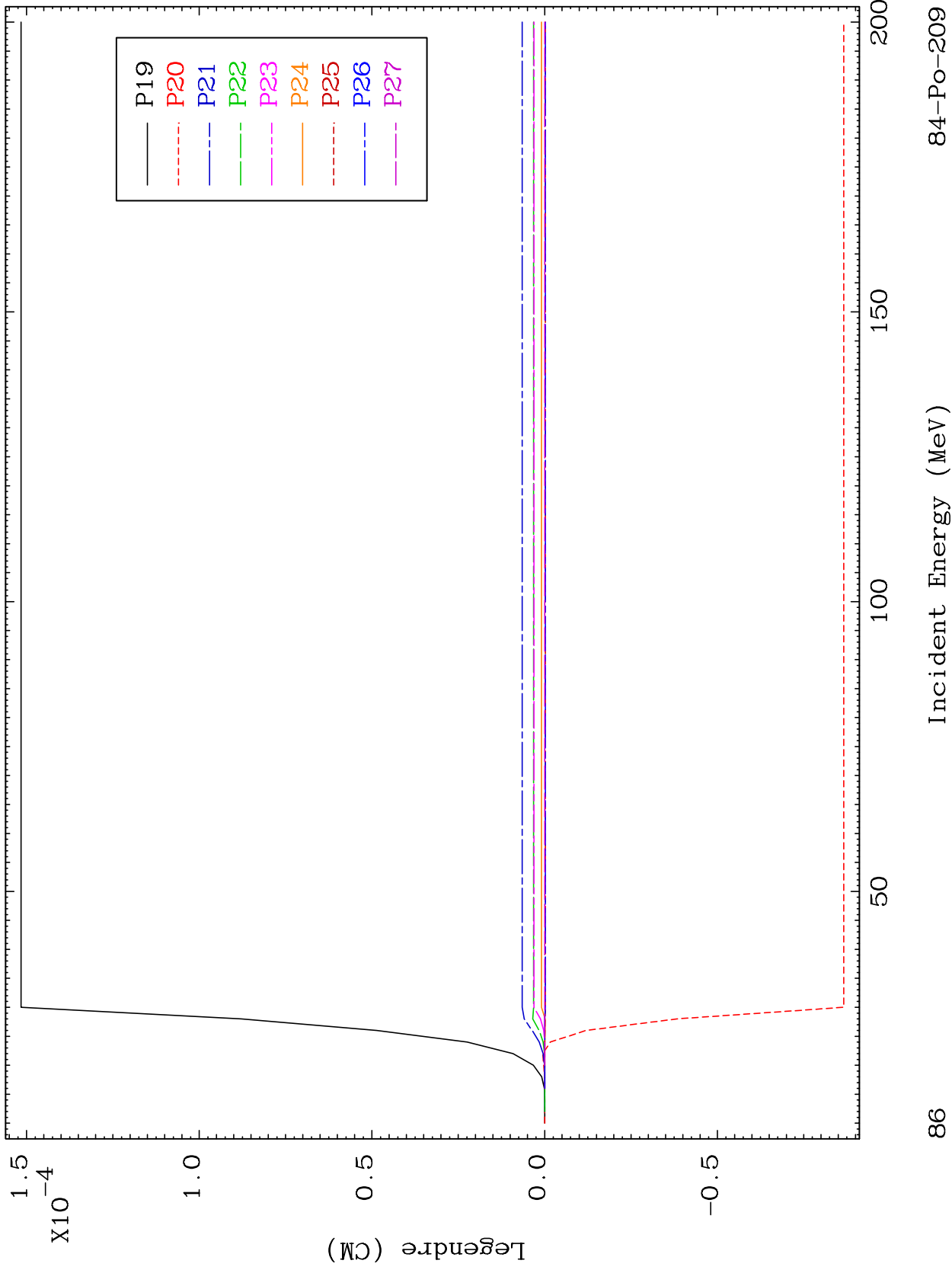
84-Po-209

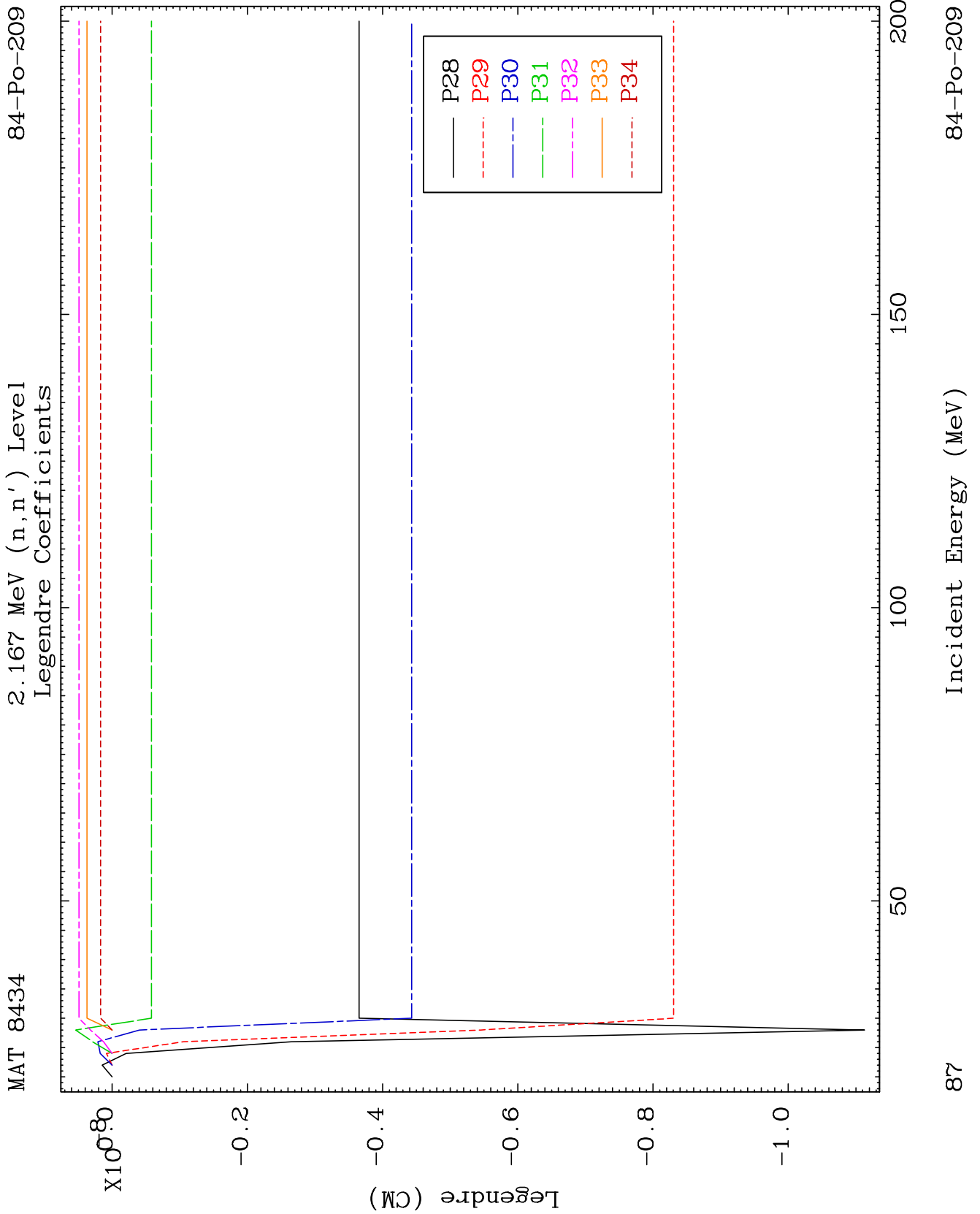


85

Incident Energy (MeV)

84-Po-209



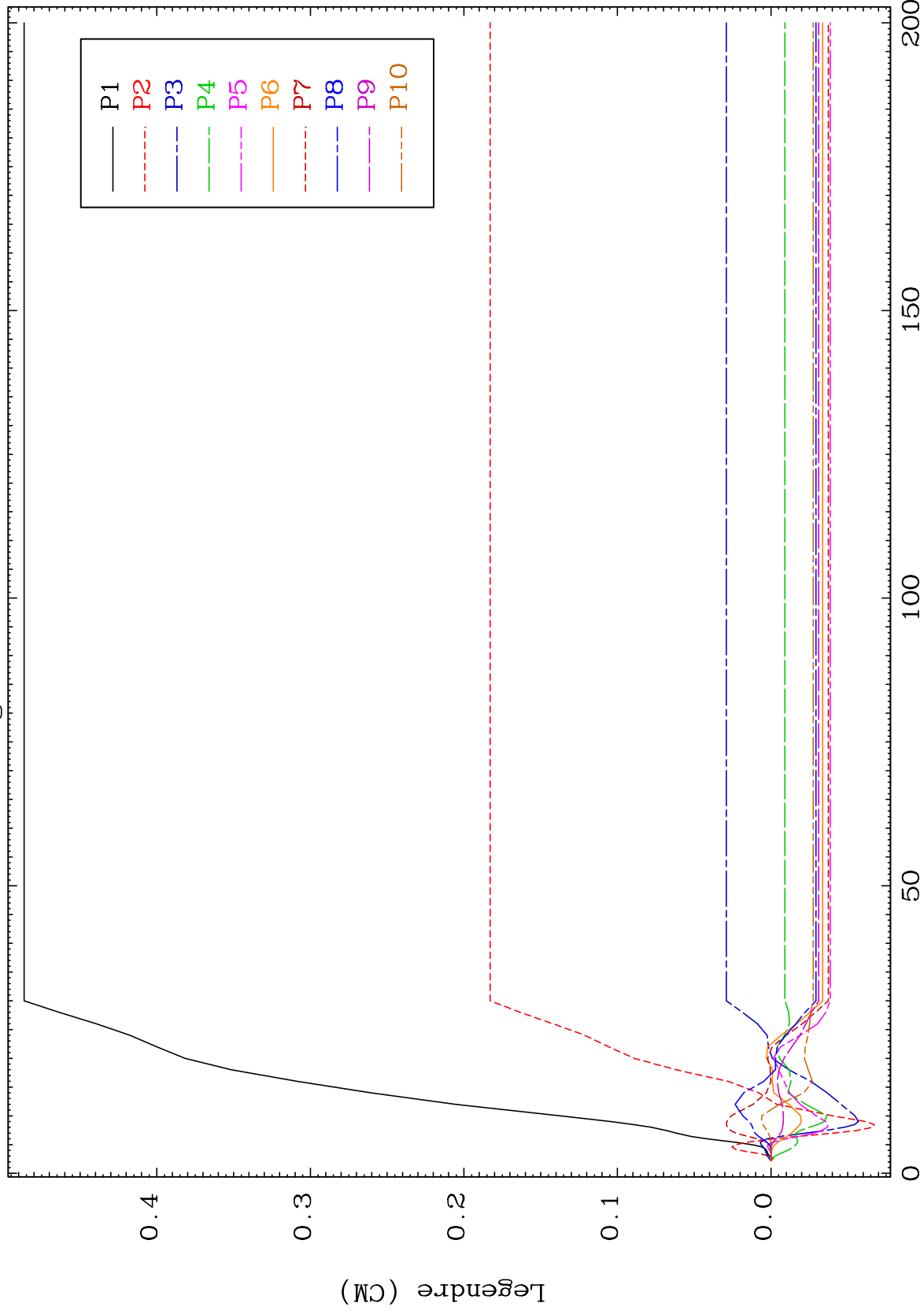




MAT 8434

2.186 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



88

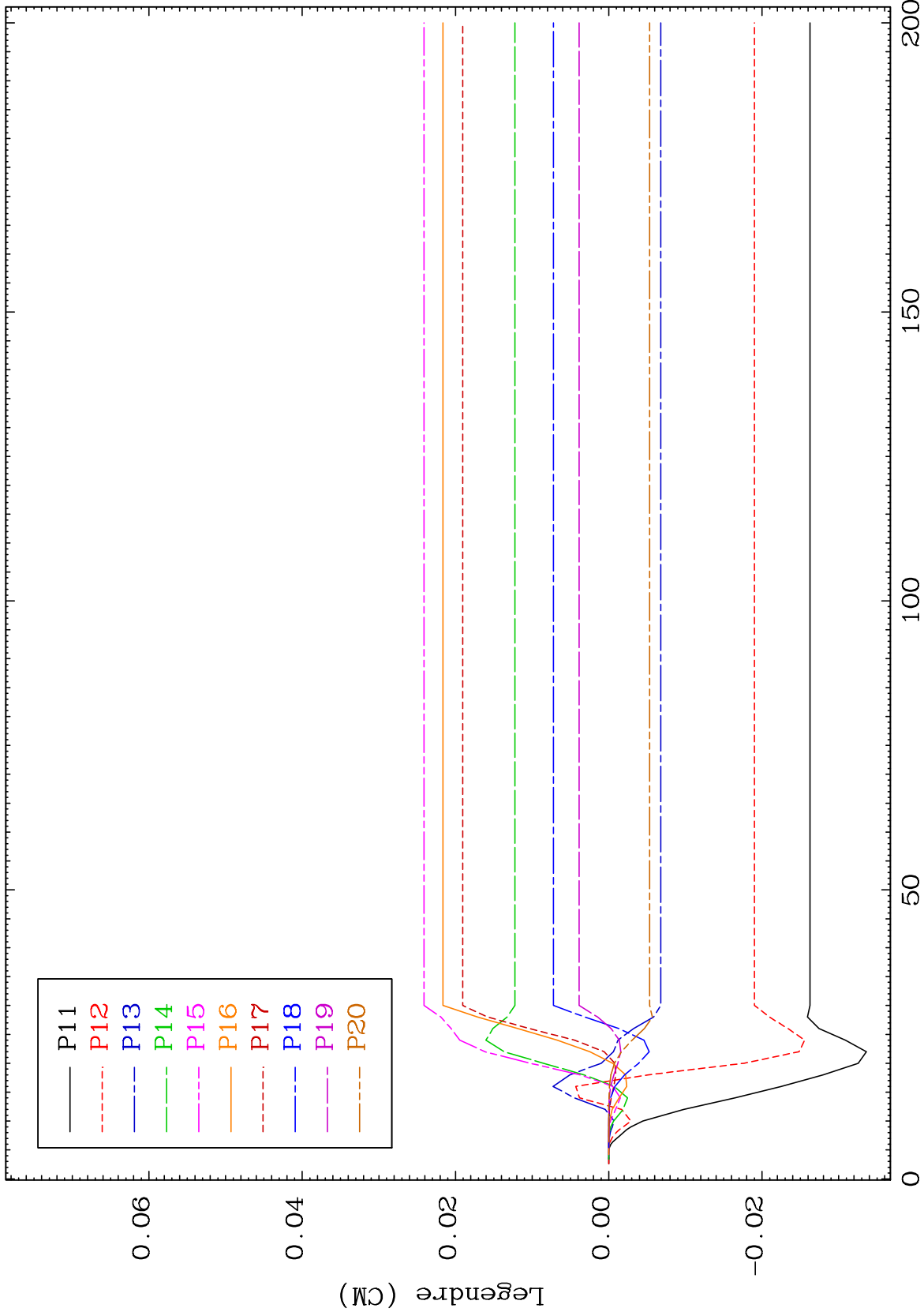
84-Po-209

84-Po-209

MAT 8434

2.186 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



89

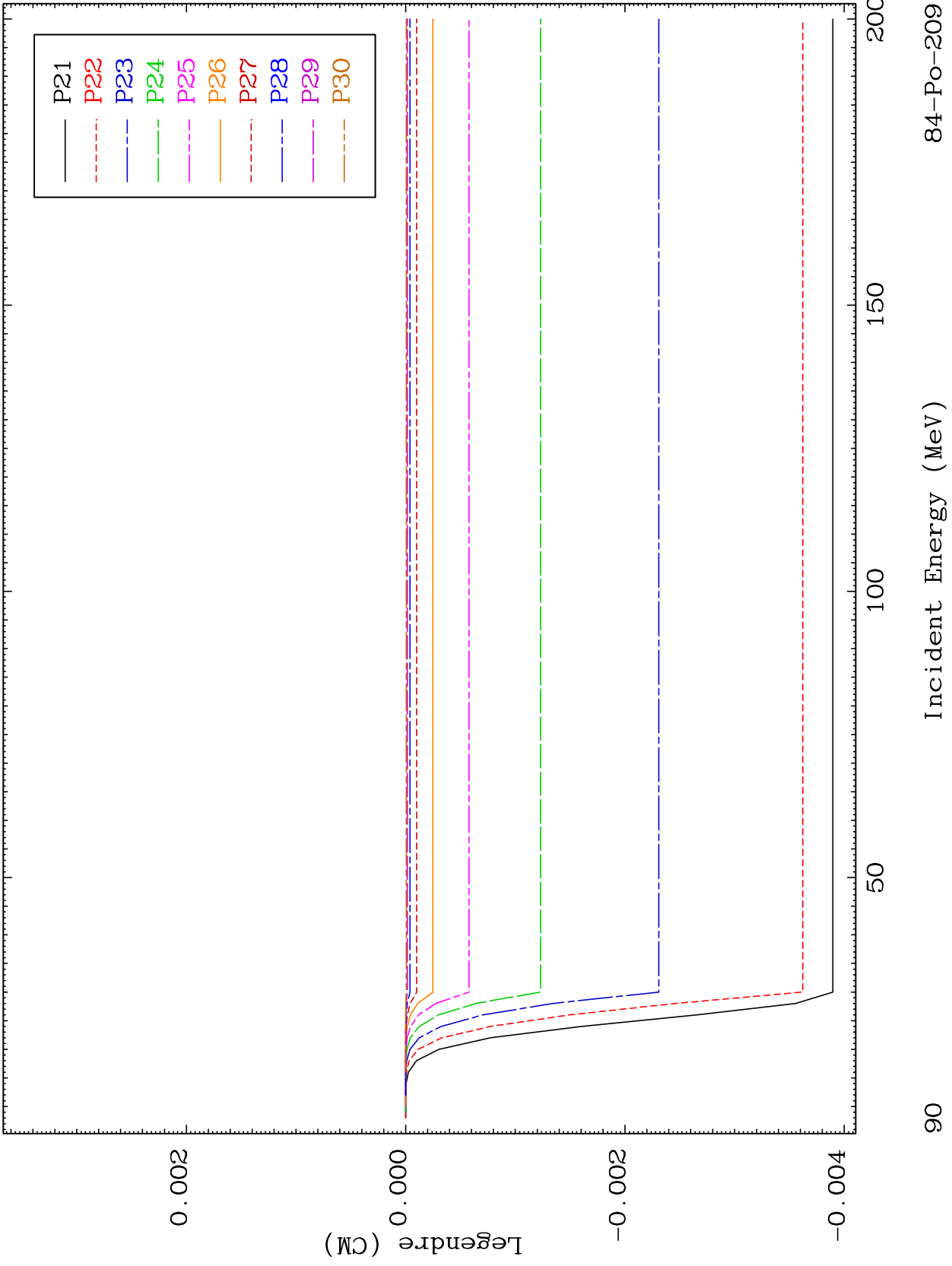
Incident Energy (MeV)

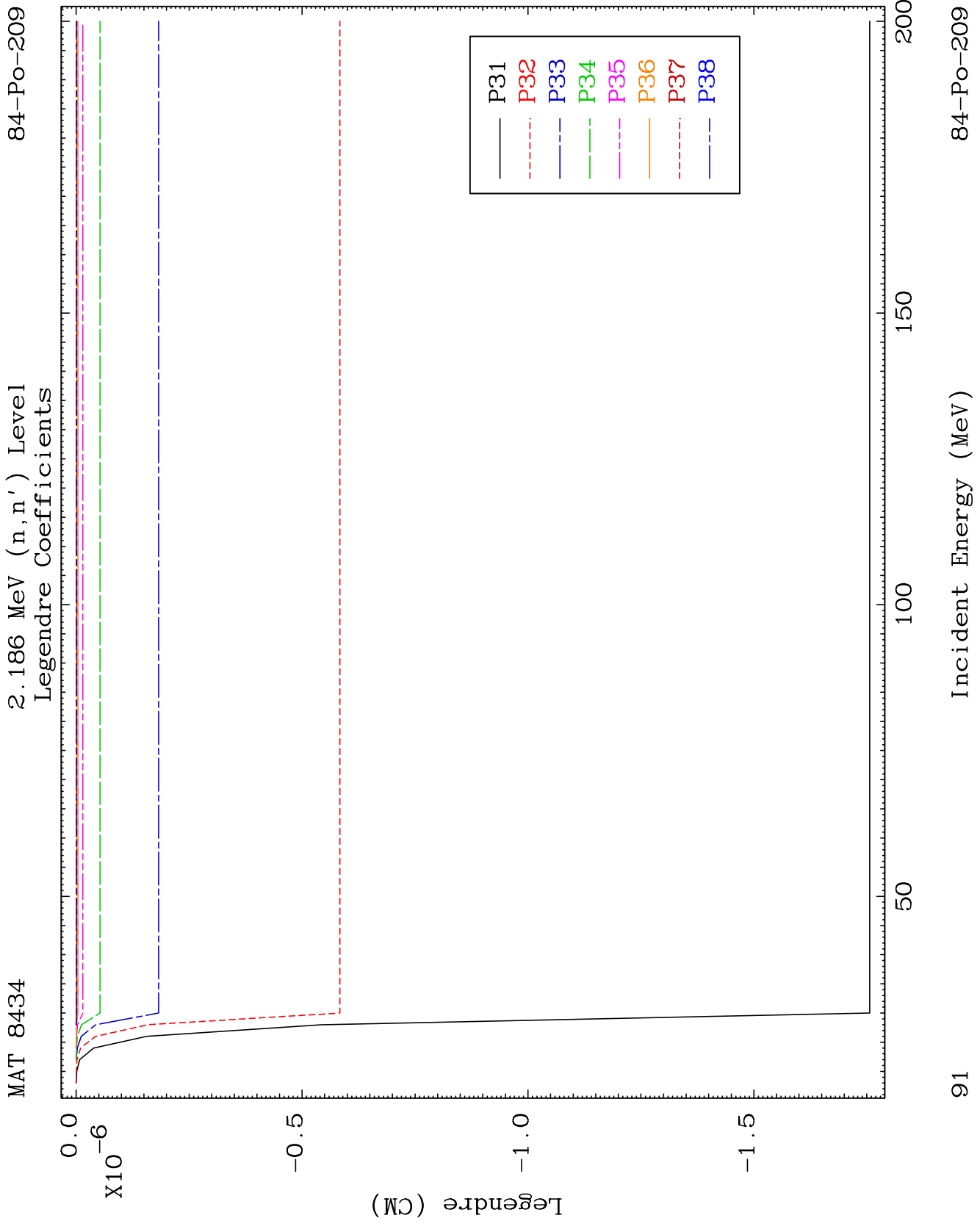
84-Po-209

MAT 8434

2.186 MeV (n,n') Level  
Legendre Coefficients

84-Po-209

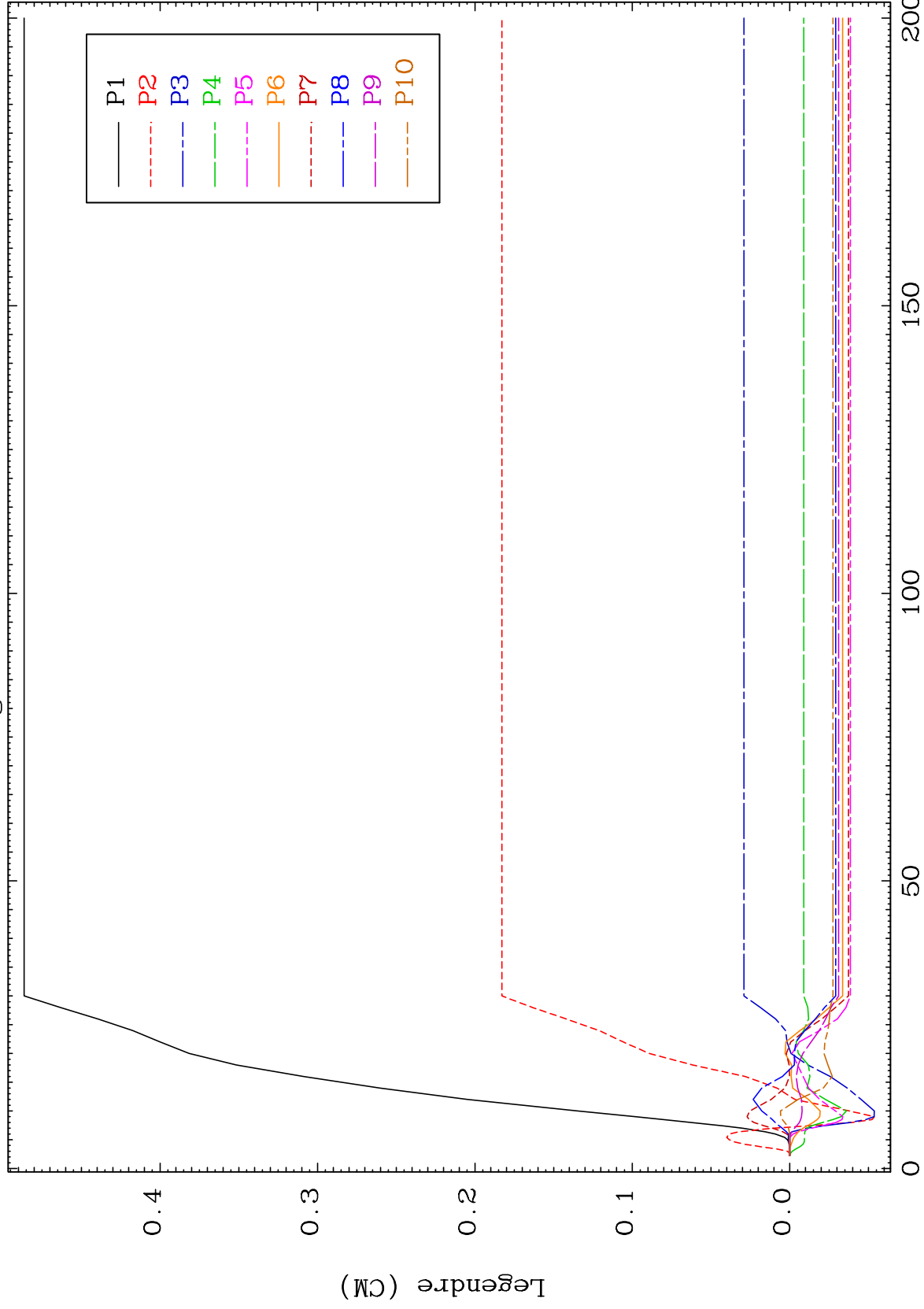




MAT 8434

2.206 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



92

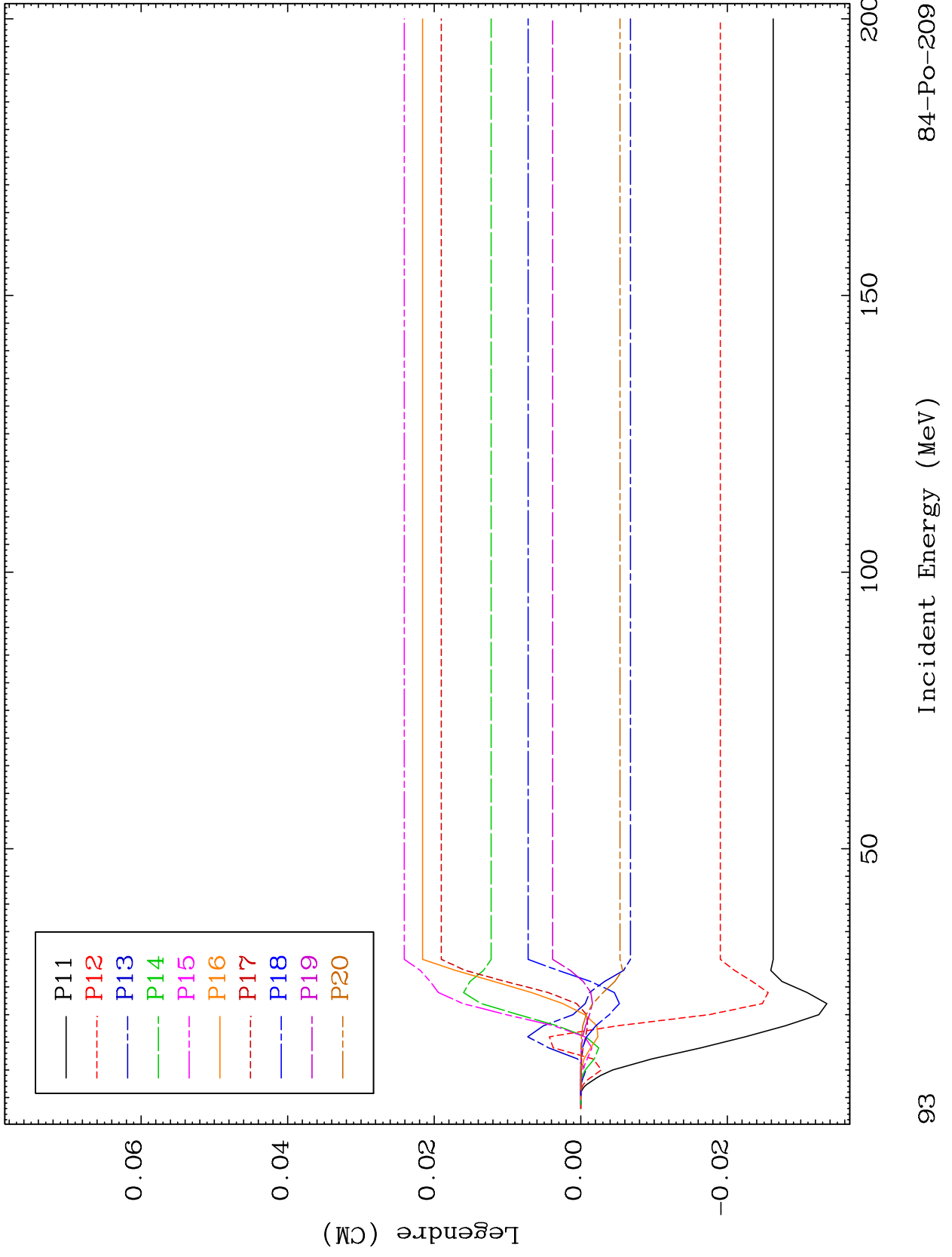
Incident Energy (MeV)

84-Po-209

MAT 8434

2.206 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



93

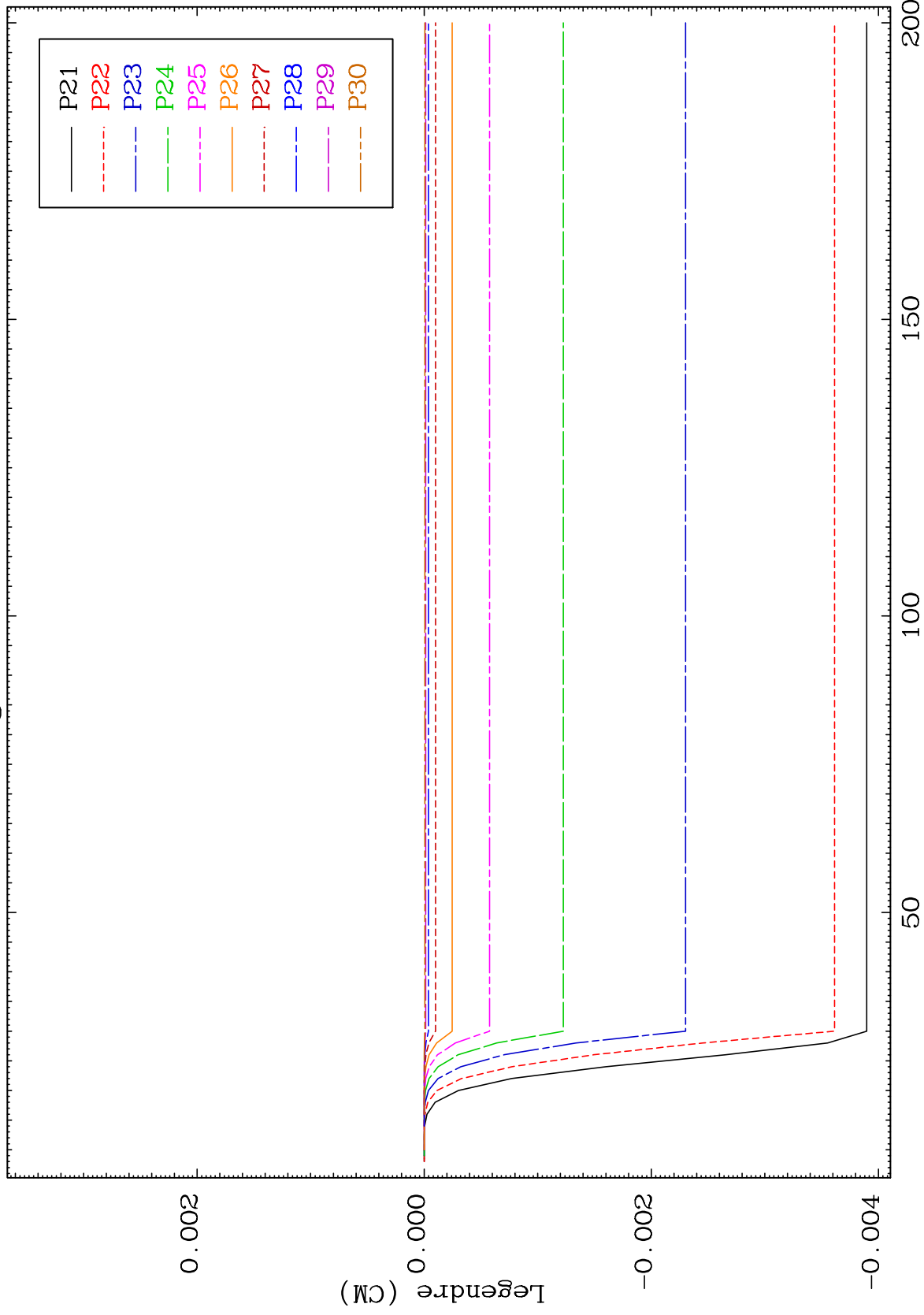
Incident Energy (MeV)

84-Po-209

MAT 8434

2.206 MeV (n,n') Level  
Legendre Coefficients

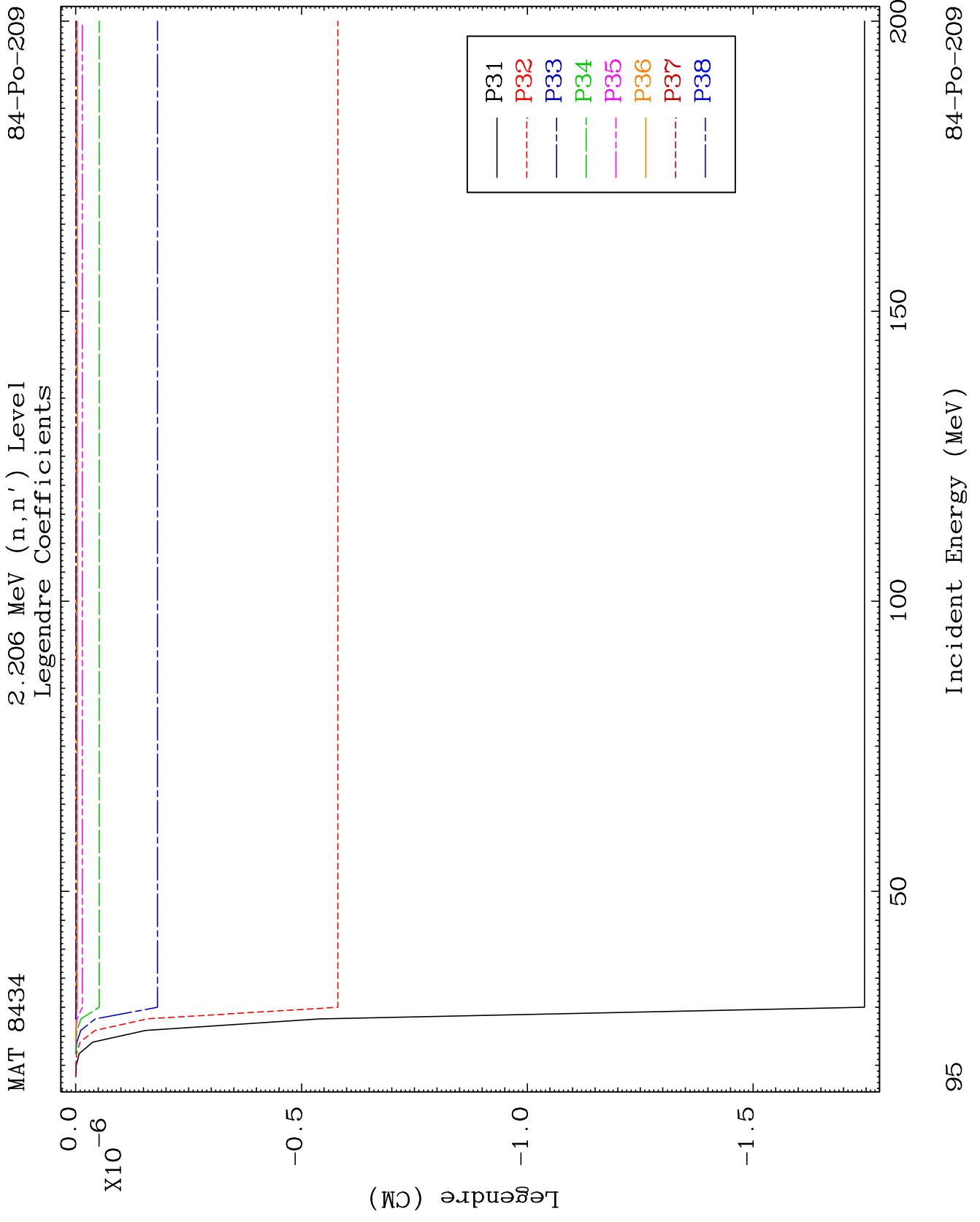
84-Po-209



94

Incident Energy (MeV)

84-Po-209

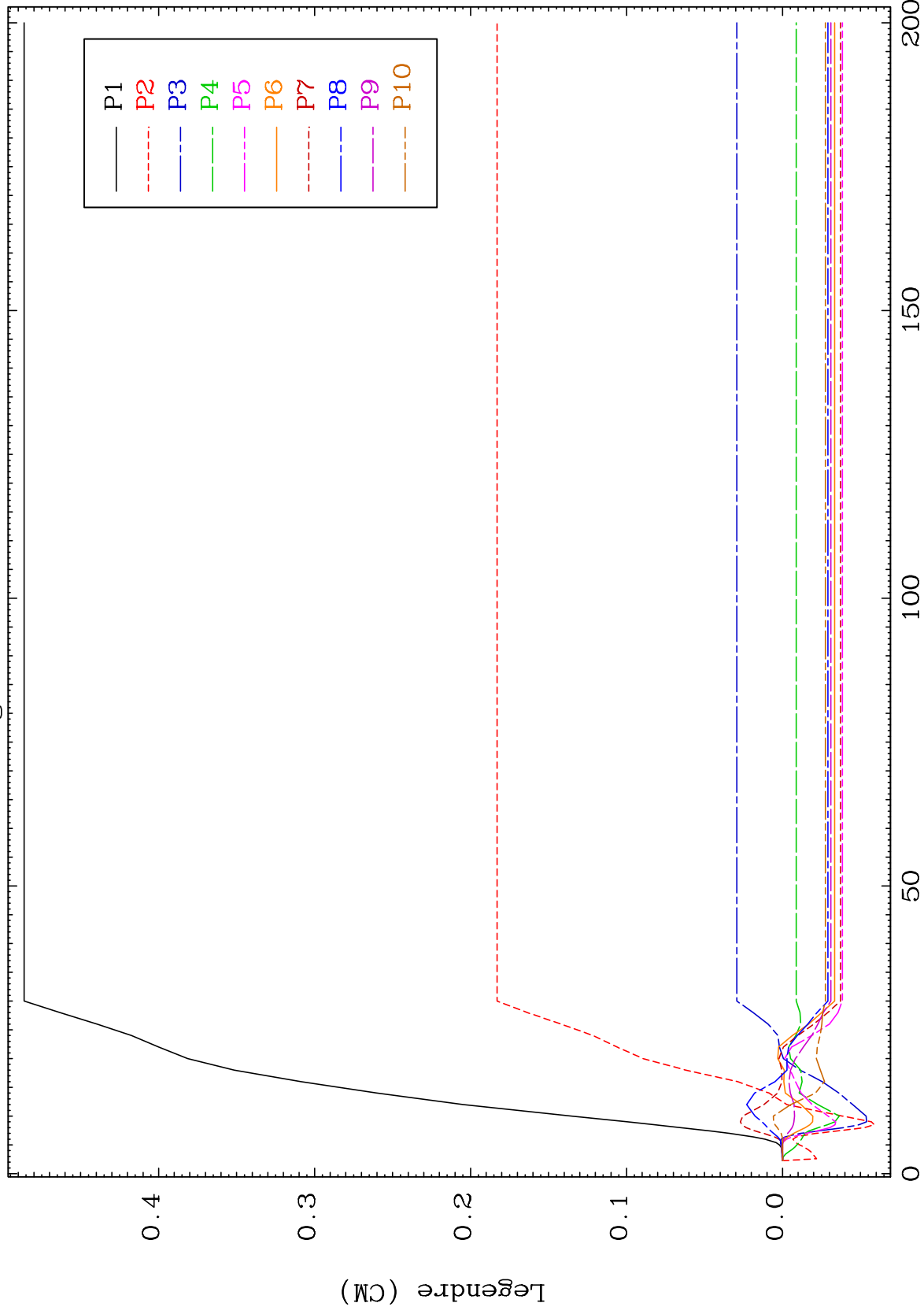




MAT 8434

2.239 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



96

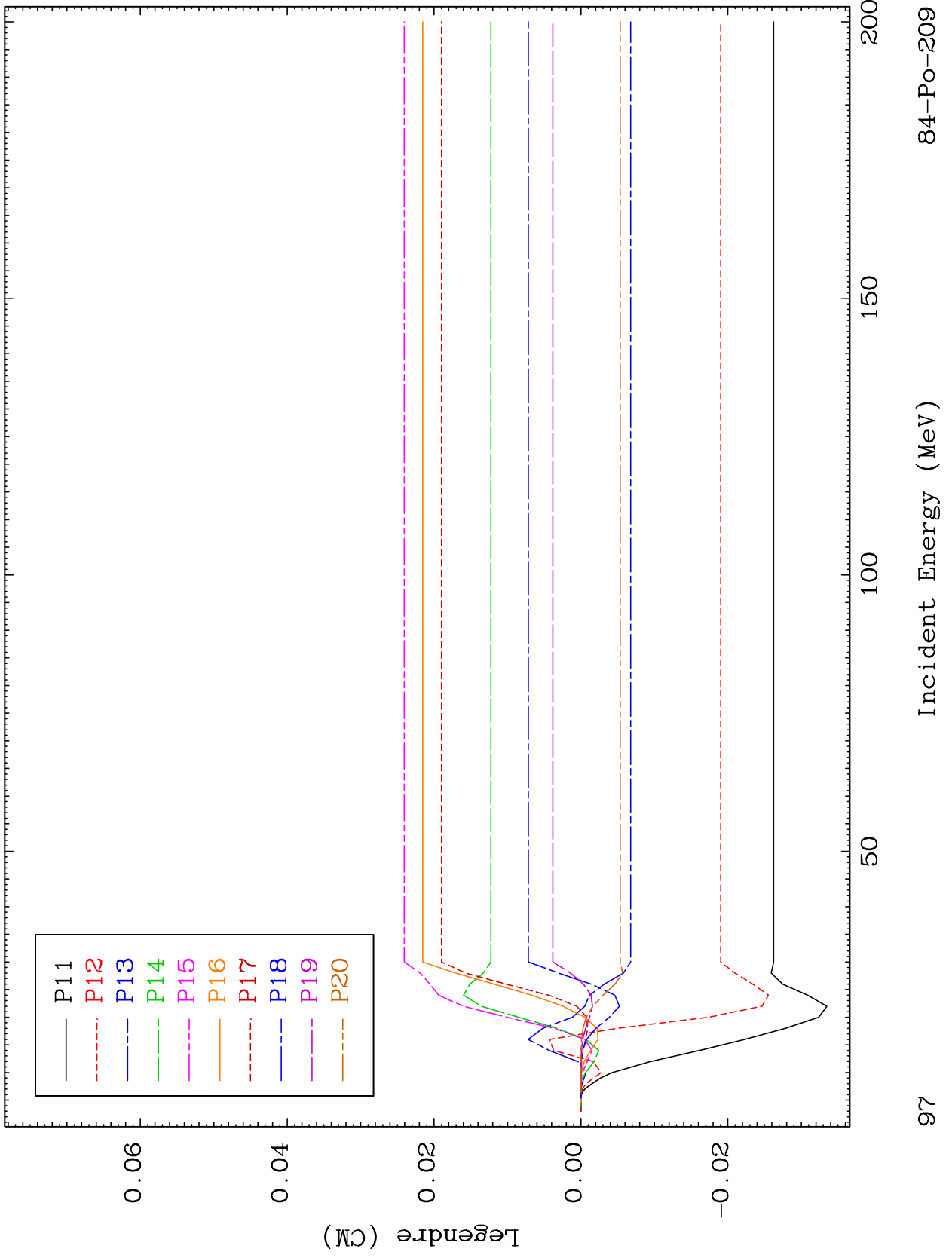
Incident Energy (MeV)

84-Po-209

MAT 8434

2.239 MeV (n,n') Level  
Legendre Coefficients

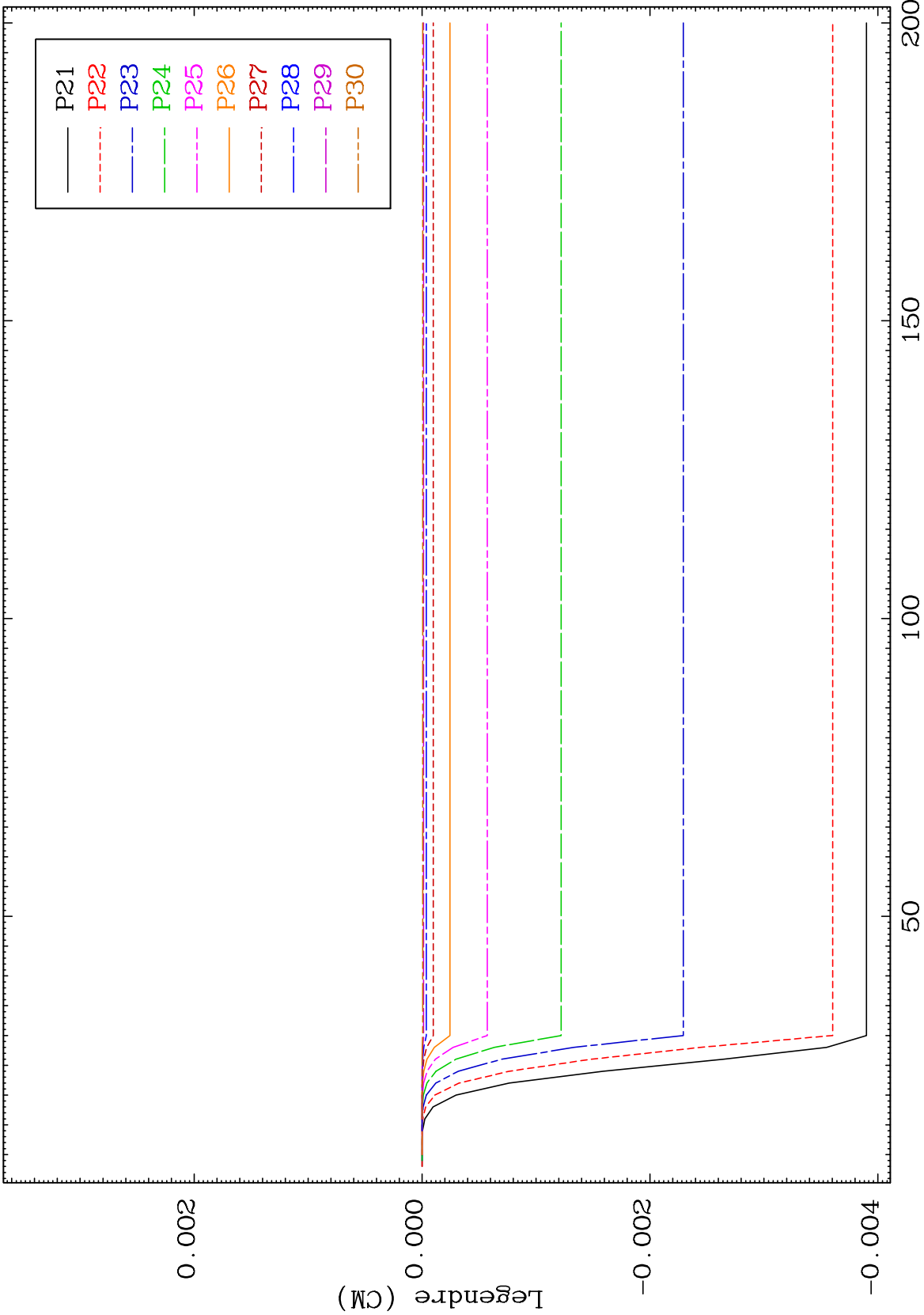
84-Po-209

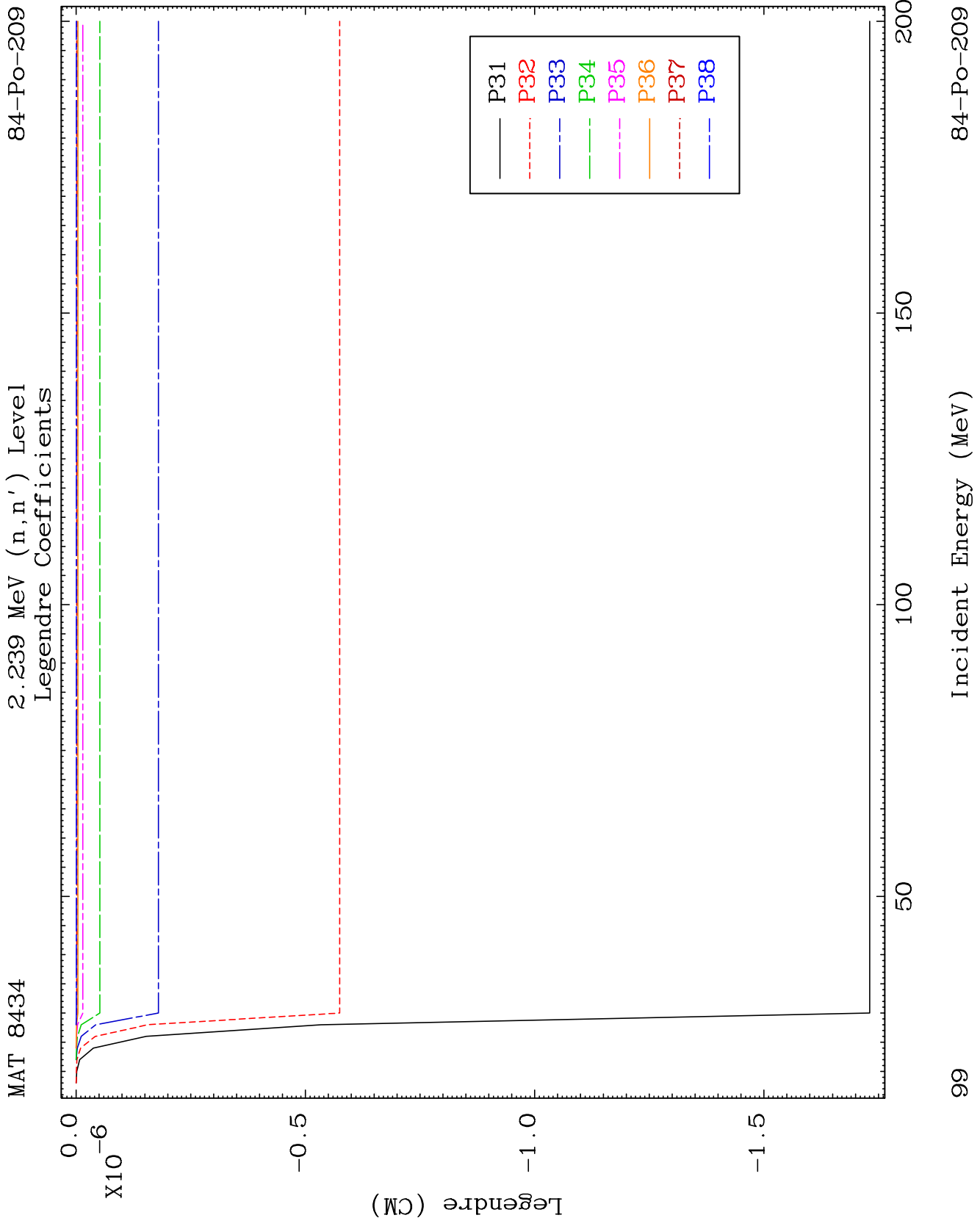


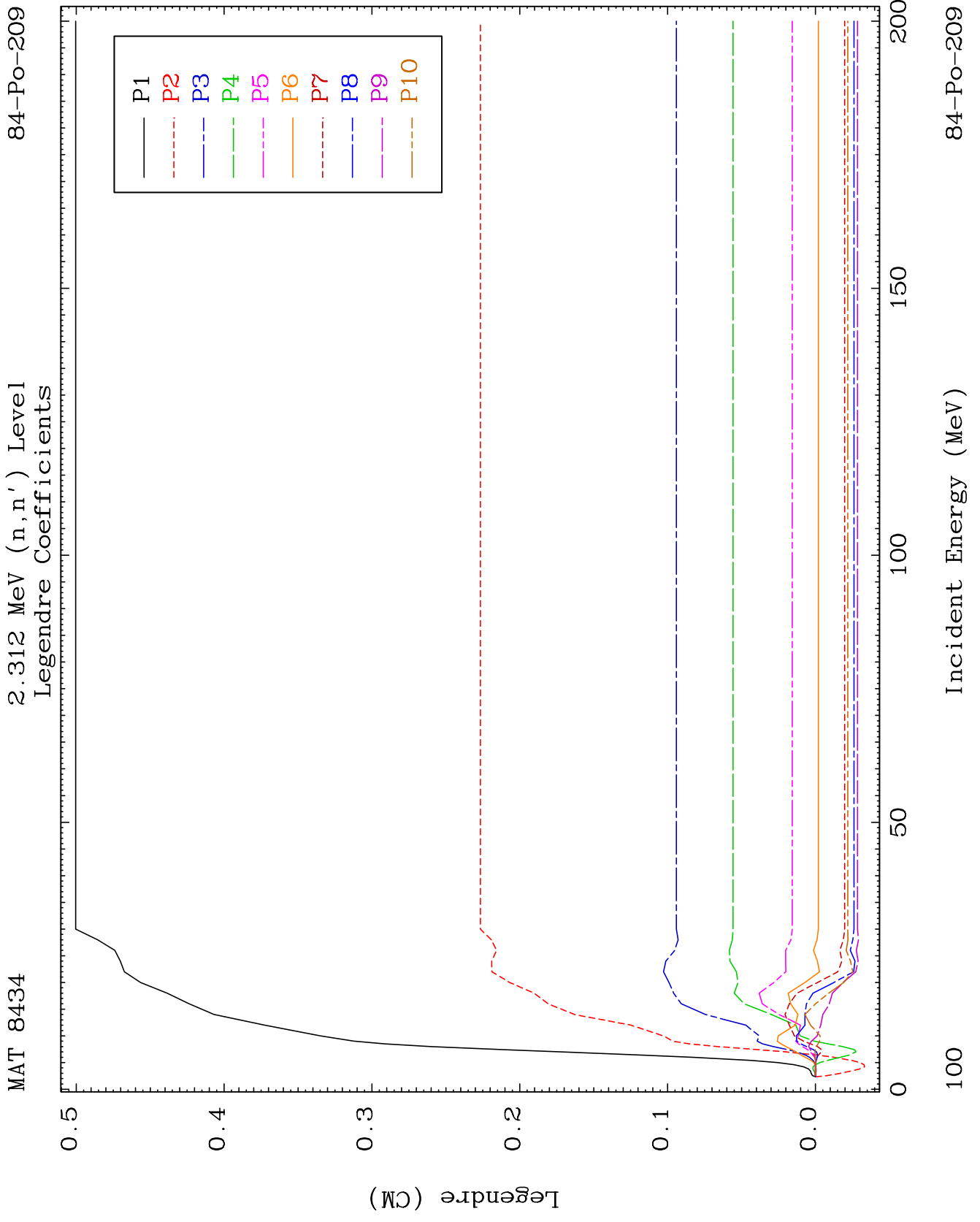
97

Incident Energy (MeV)

84-Po-209



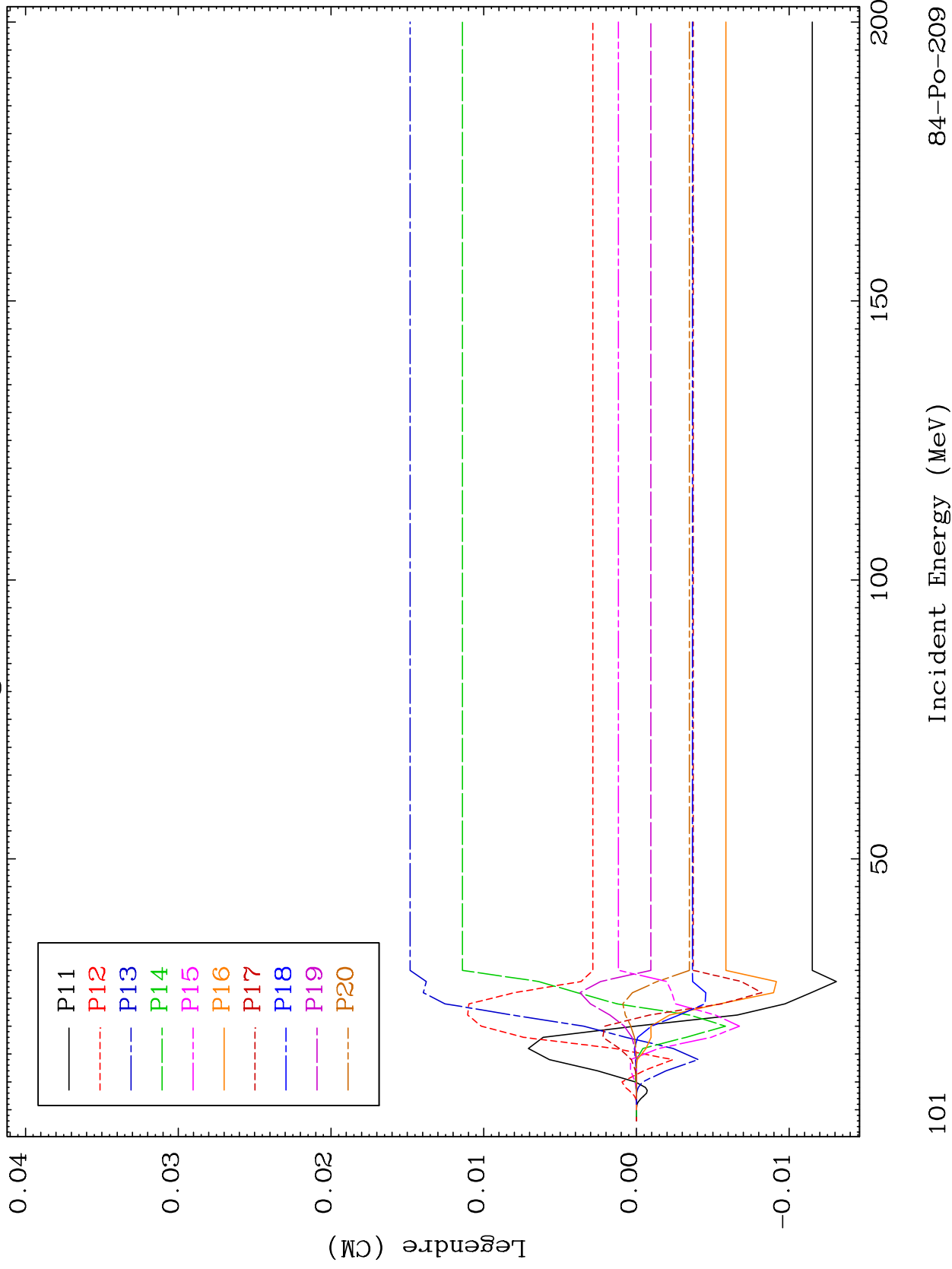




MAT 8434

2.312 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



101

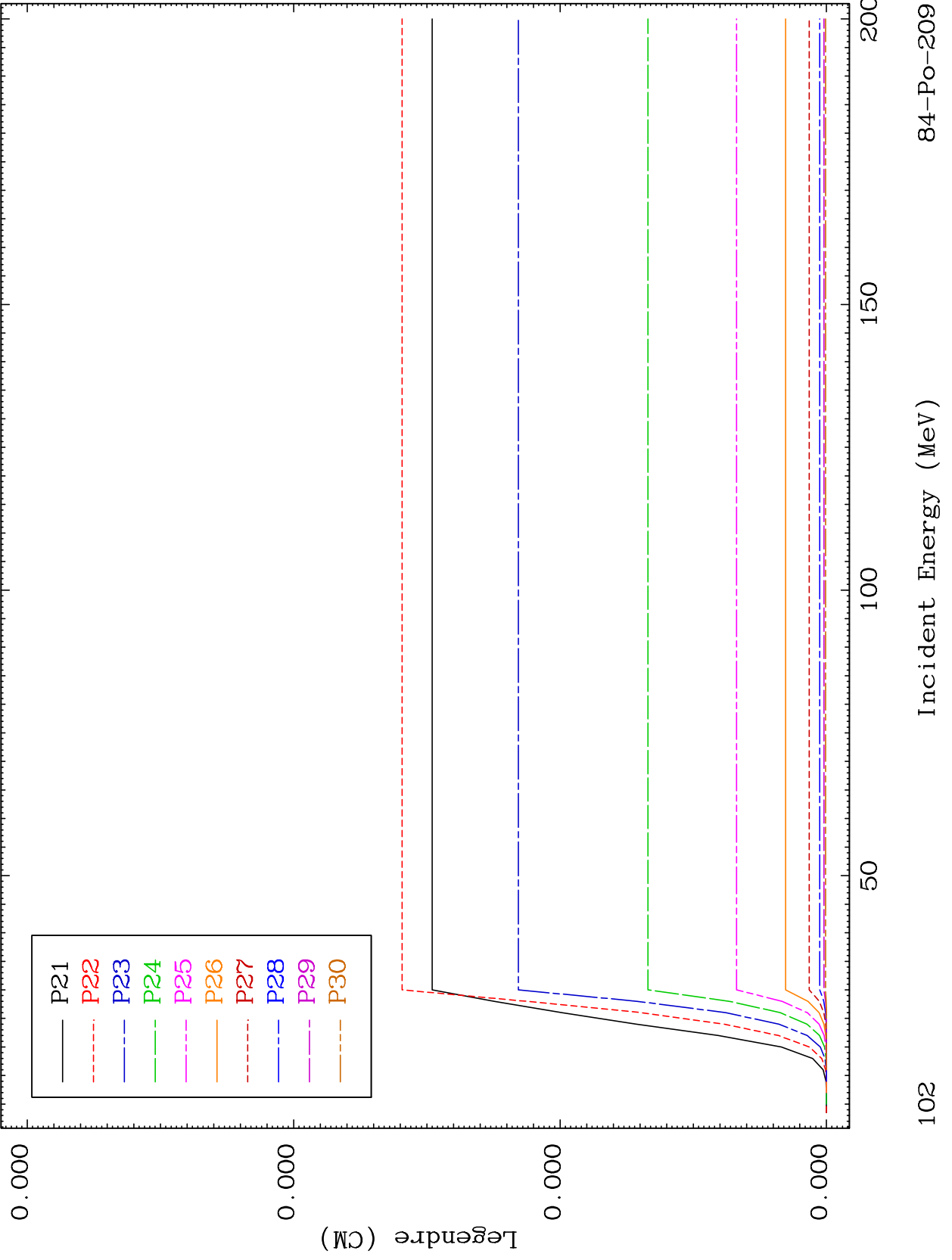
Incident Energy (MeV)

84-Po-209

MAT 8434

2.312 MeV (n,n') Level  
Legendre Coefficients

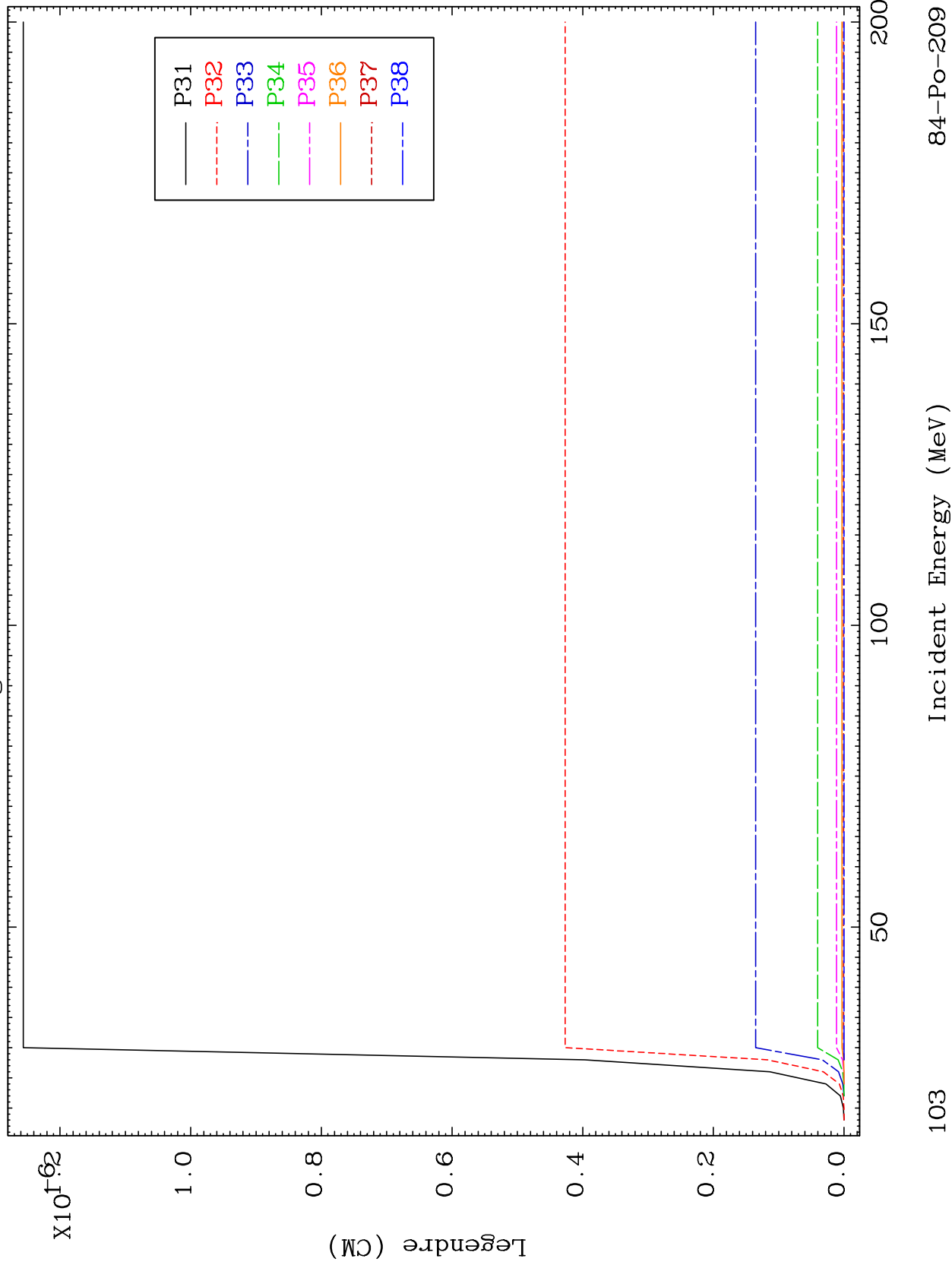
84-Po-209



MAT 8434

2.312 MeV (n,n') Level  
Legendre Coefficients

84-Po-209

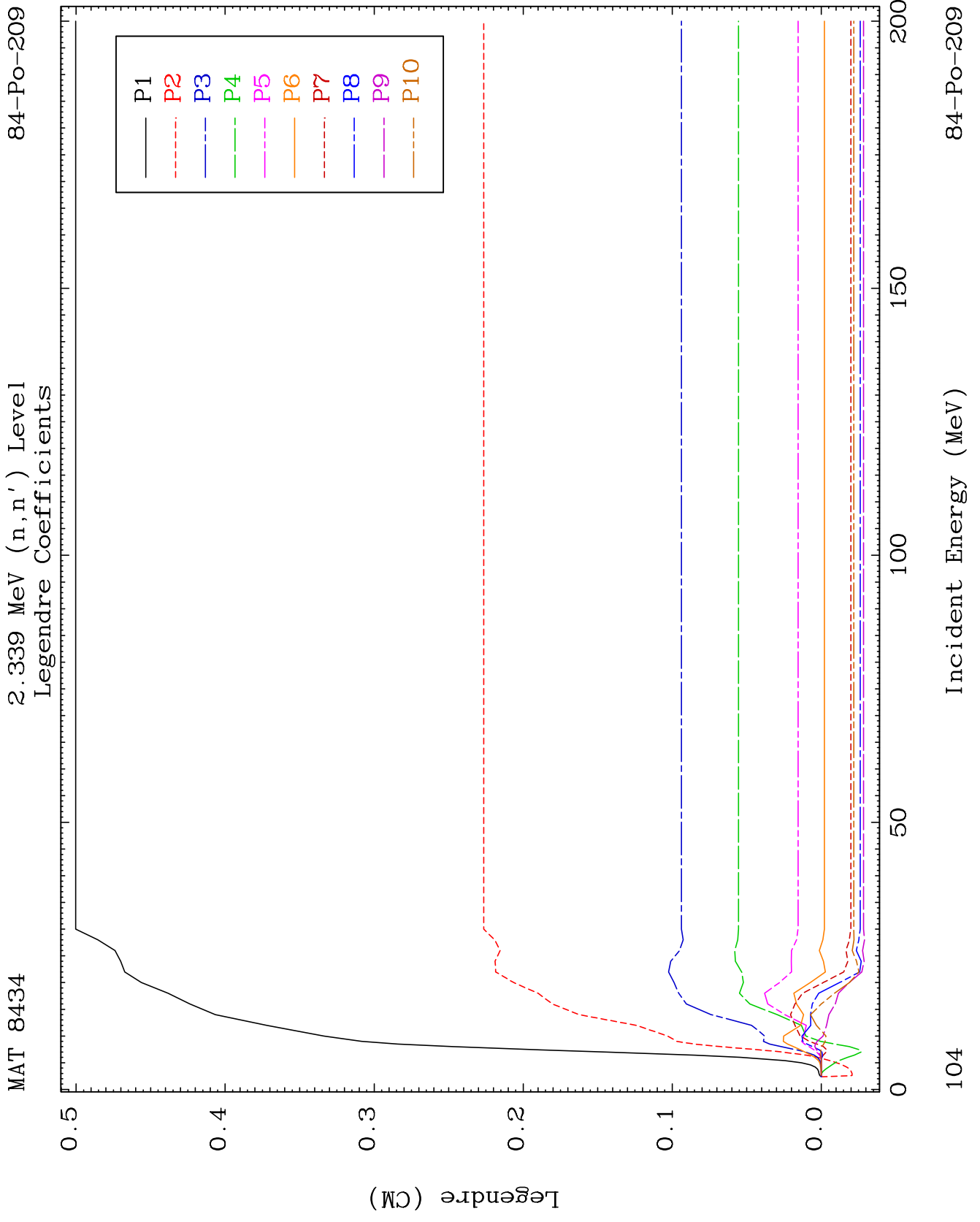


103

Incident Energy (MeV)

84-Po-209

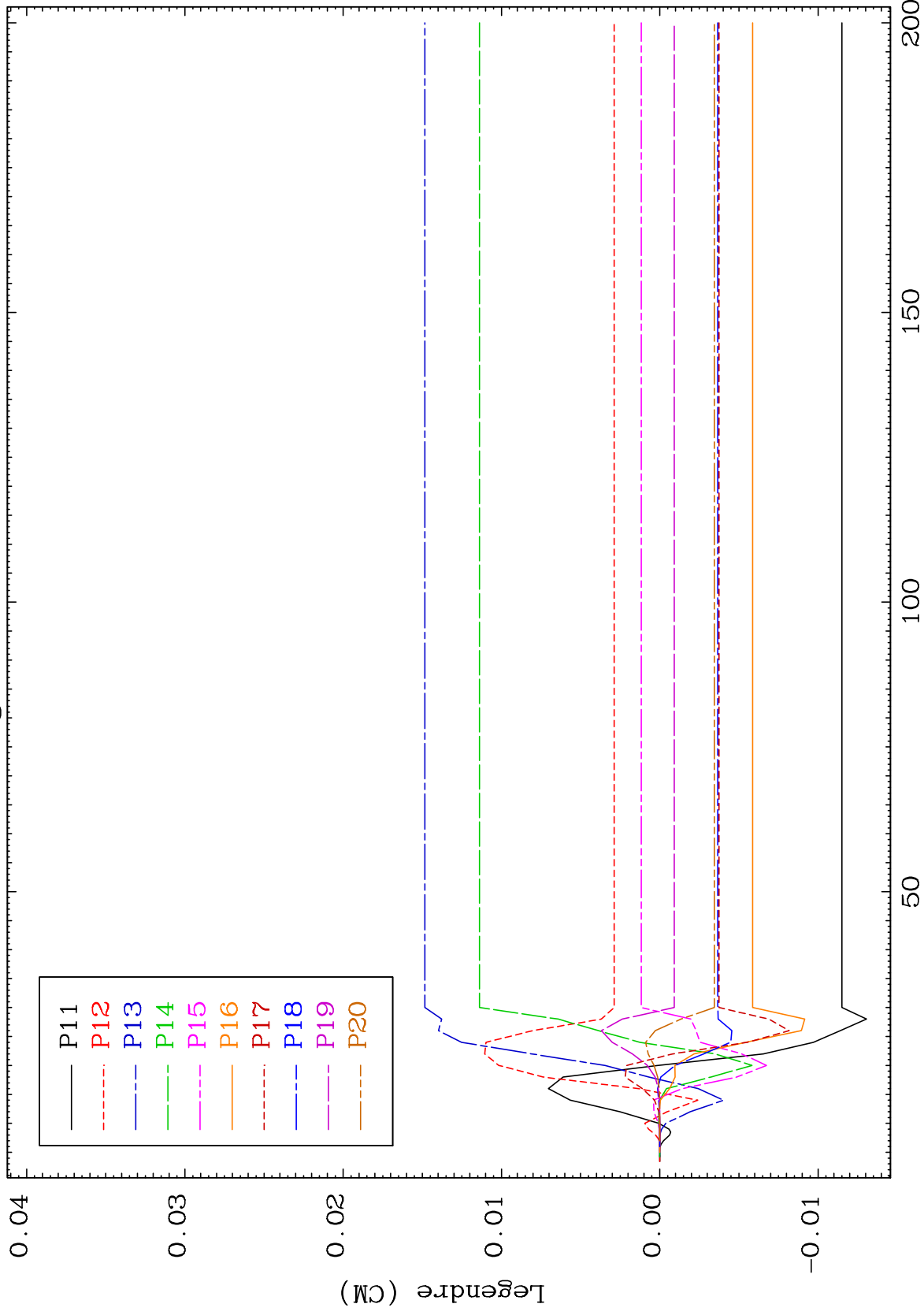




MAT 8434

2.339 MeV (n, n') Level  
Legendre Coefficients

84-Po-209



105

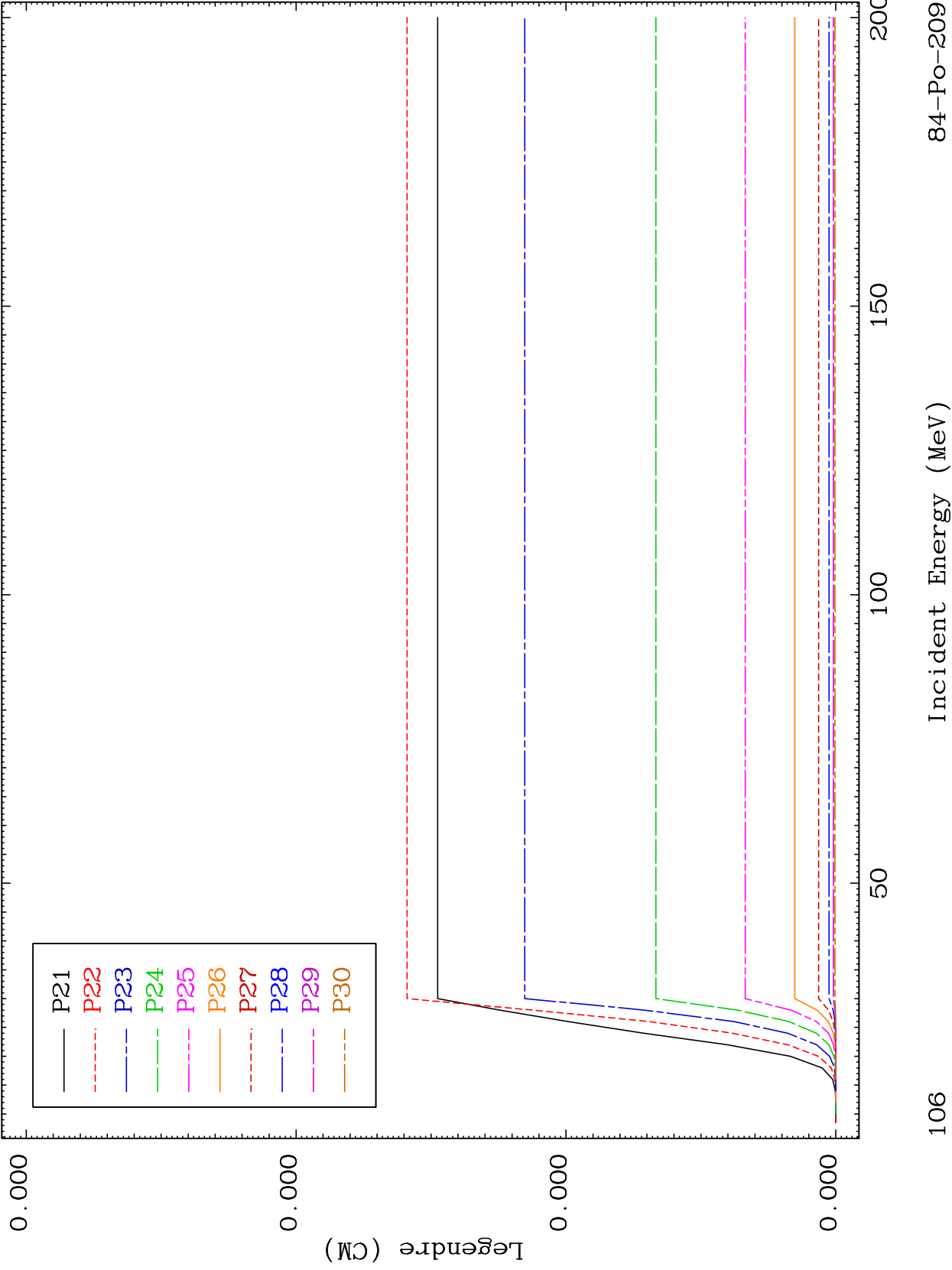
Incident Energy (MeV)

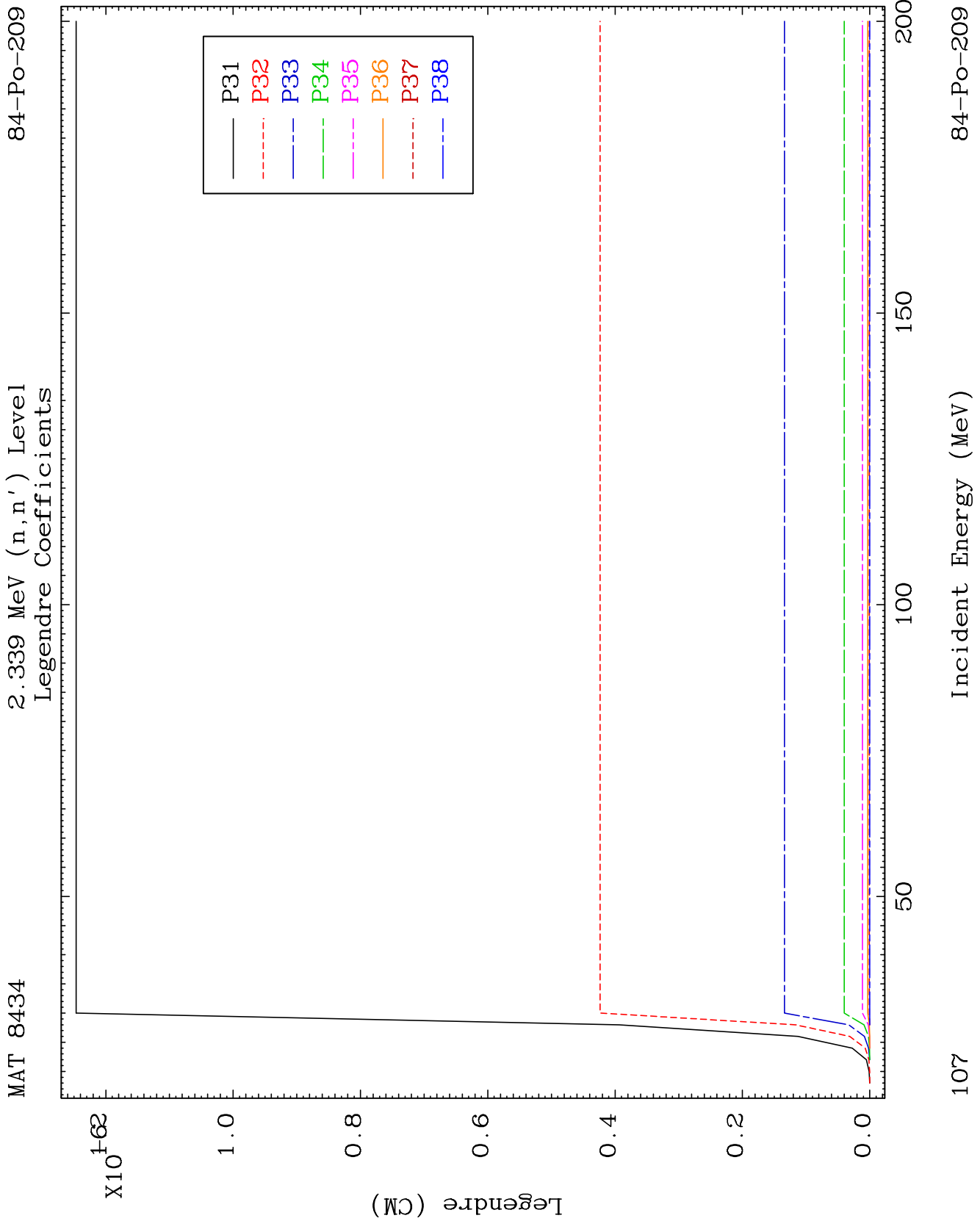
84-Po-209

MAT 8434

2.339 MeV (n,n') Level  
Legendre Coefficients

84-Po-209

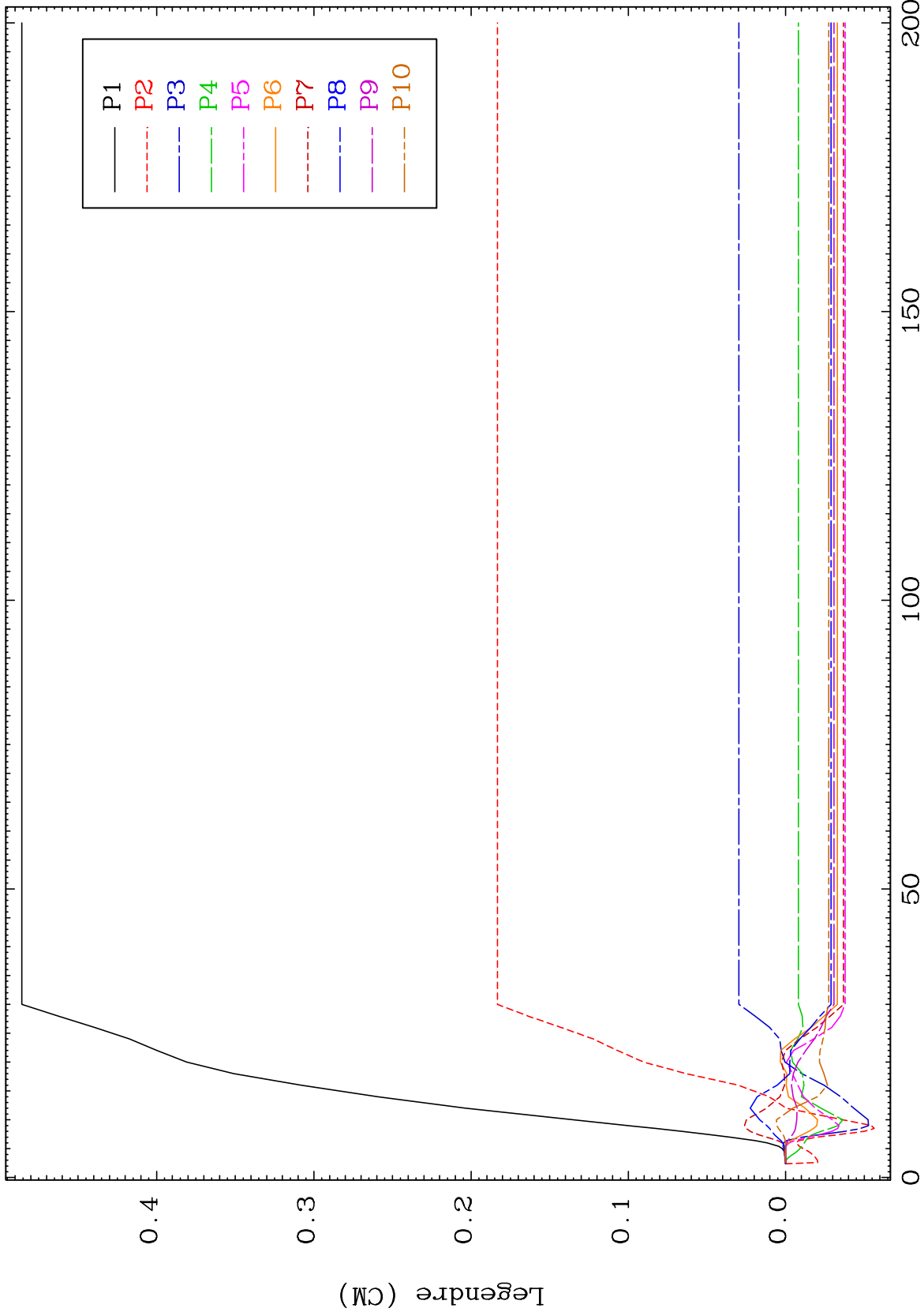




MAT 8434

2.363 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



84-Po-209

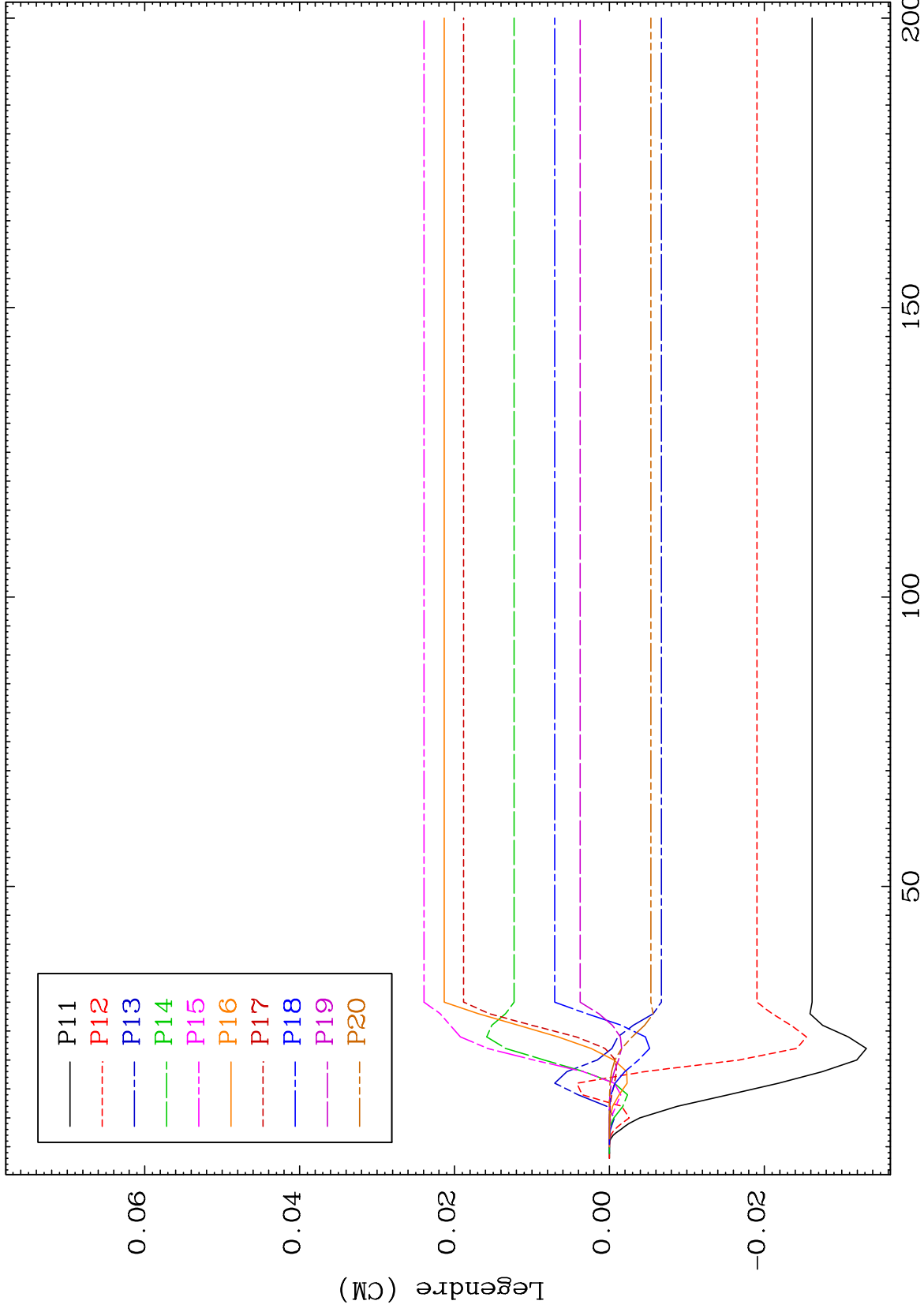
Incident Energy (MeV)

108

MAT 8434

2.363 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



109

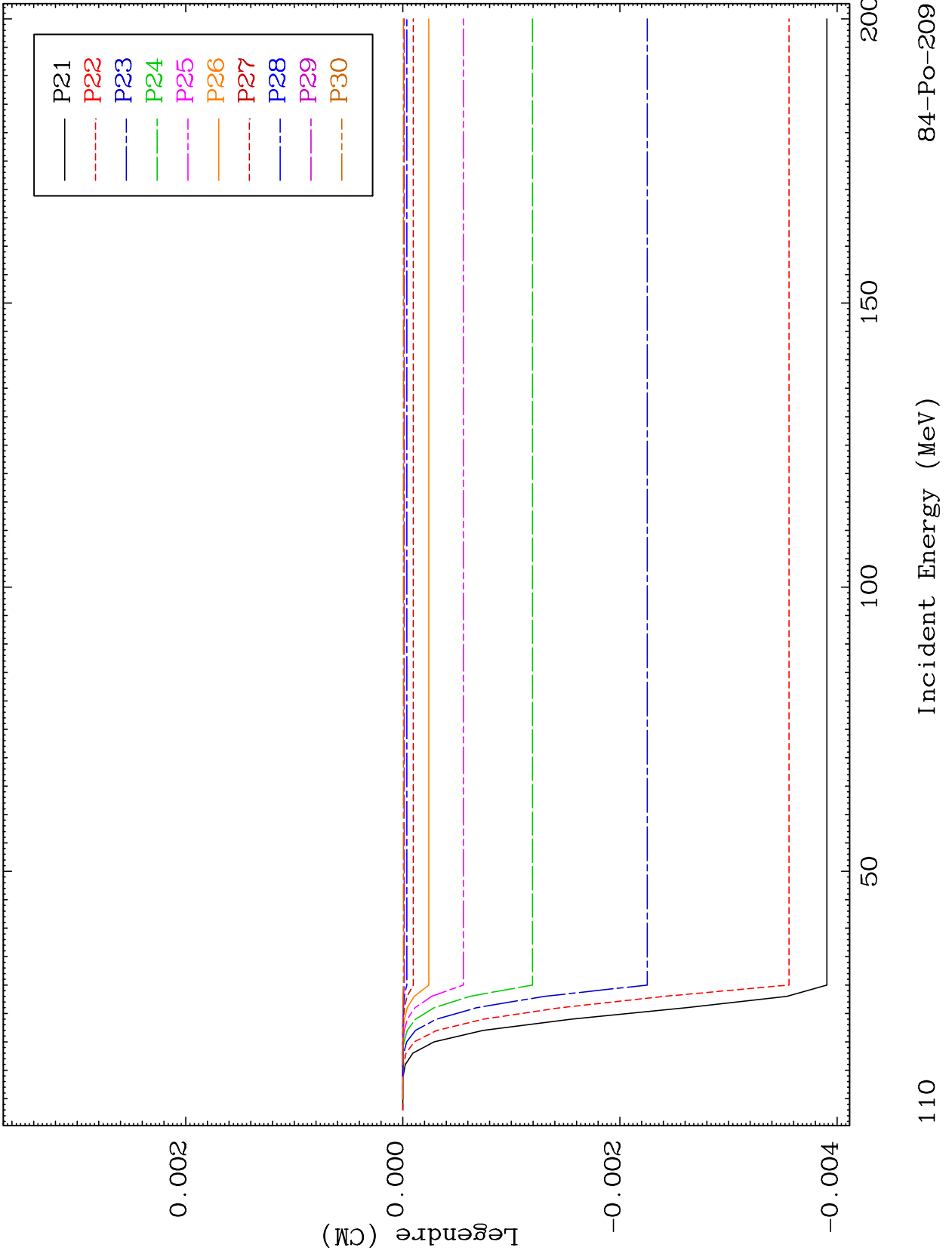
Incident Energy (MeV)

84-Po-209

MAT 8434

2.363 MeV (n,n') Level  
Legendre Coefficients

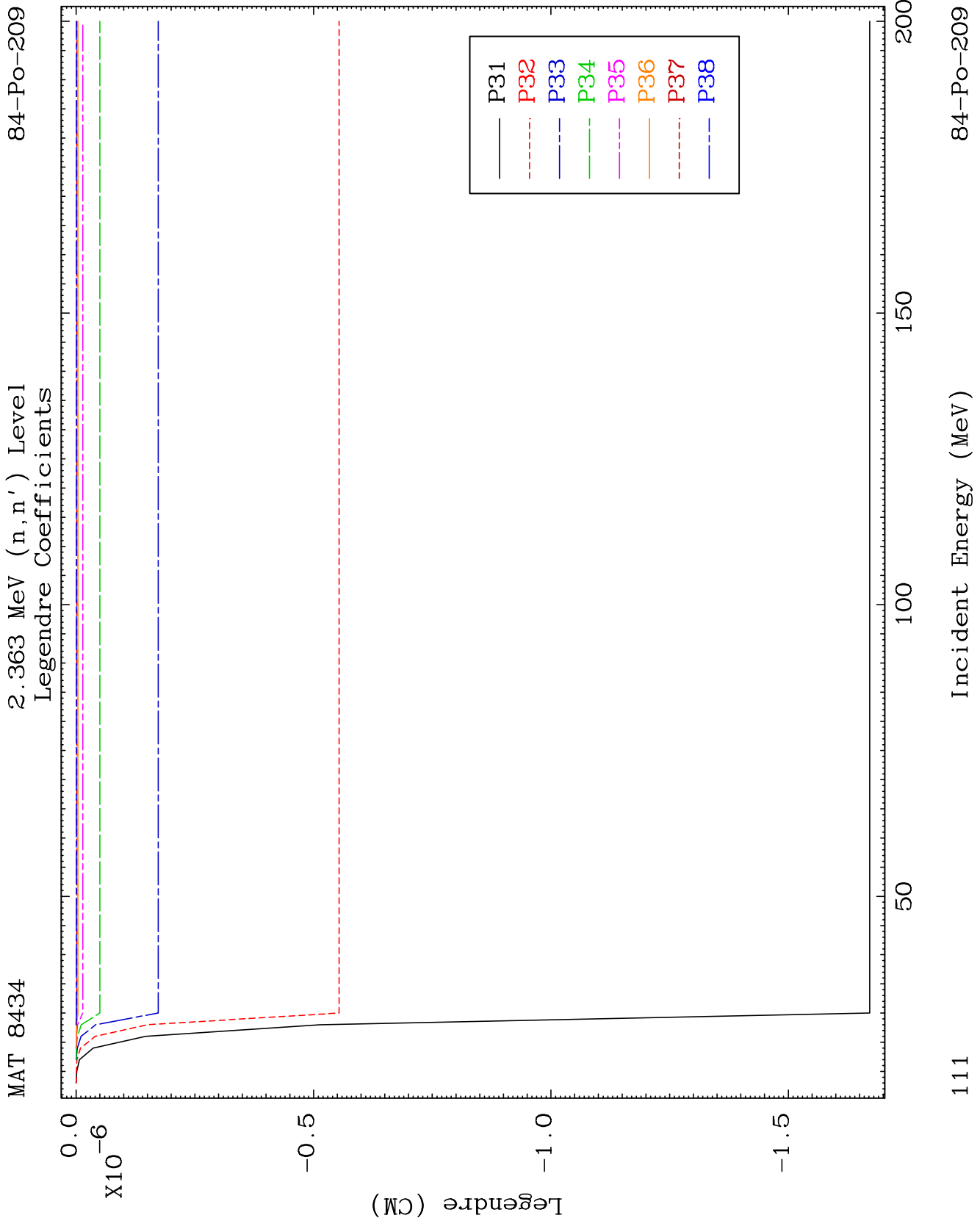
84-Po-209



110

Incident Energy (MeV)

84-Po-209

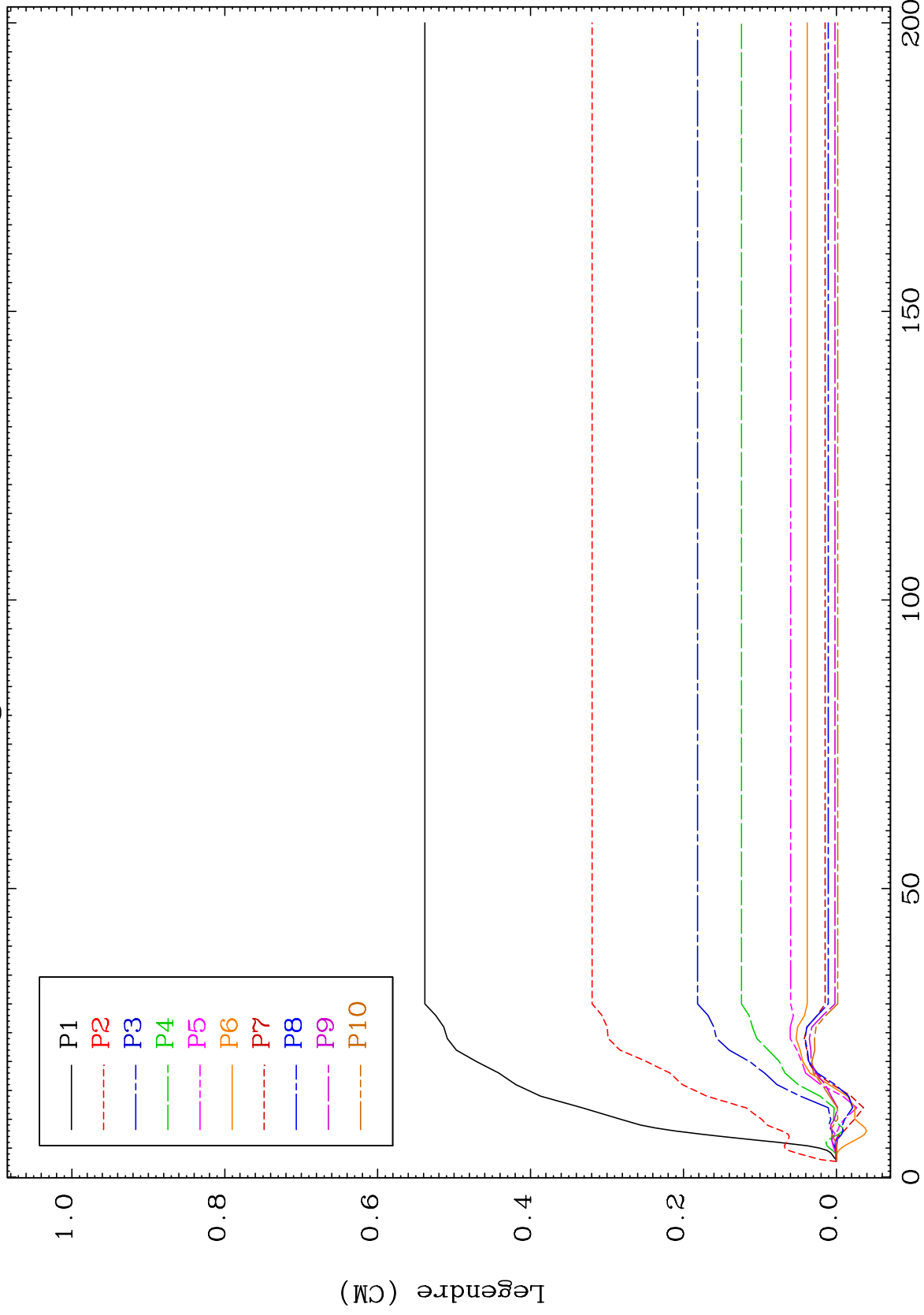




MAT 8434

2.654 MeV (n, n') Level  
Legendre Coefficients

84-Po-209



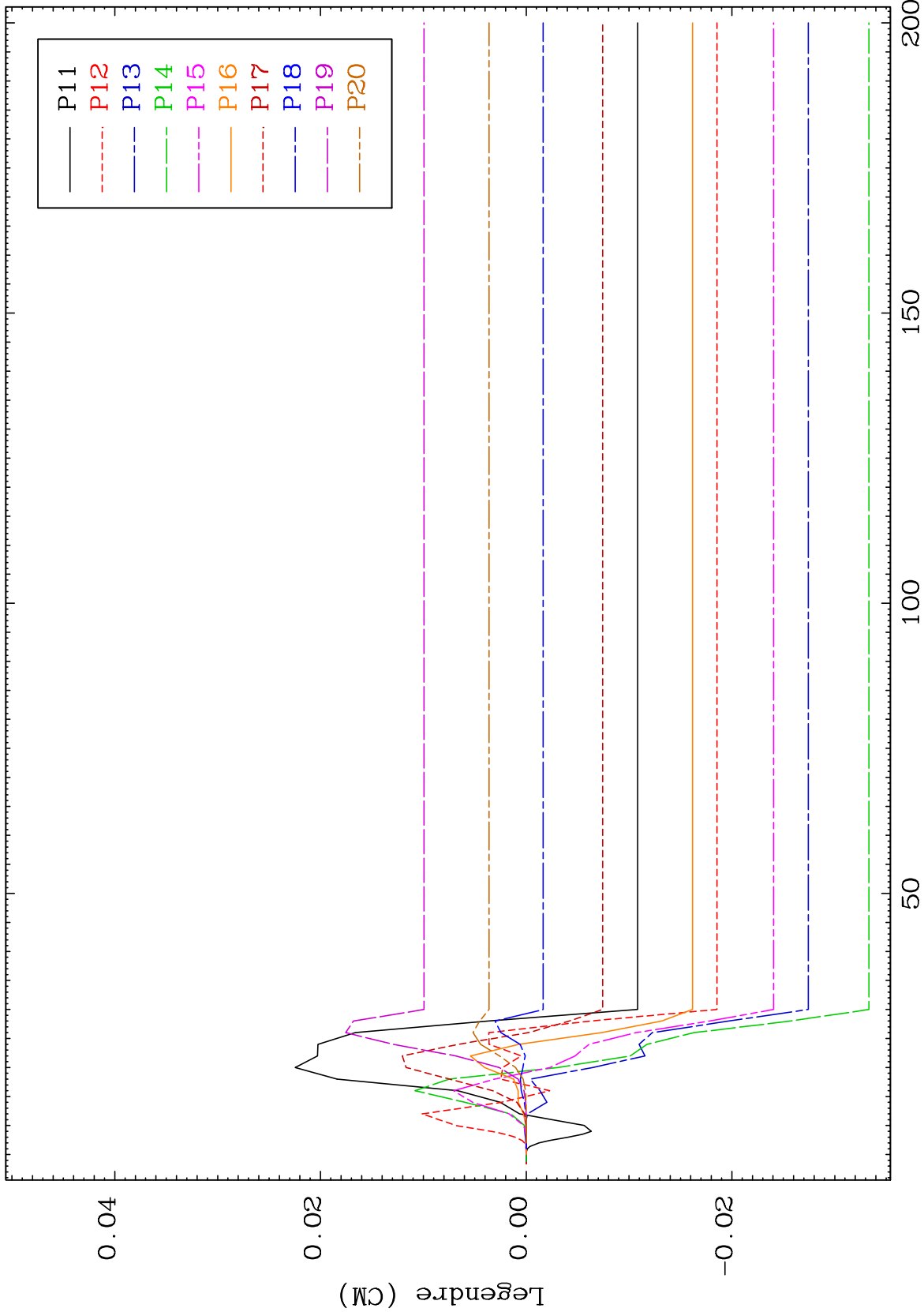
112

84-Po-209

MAT 8434

2.654 MeV (n,n') Level Legendre Coefficients

84-Po-209



113

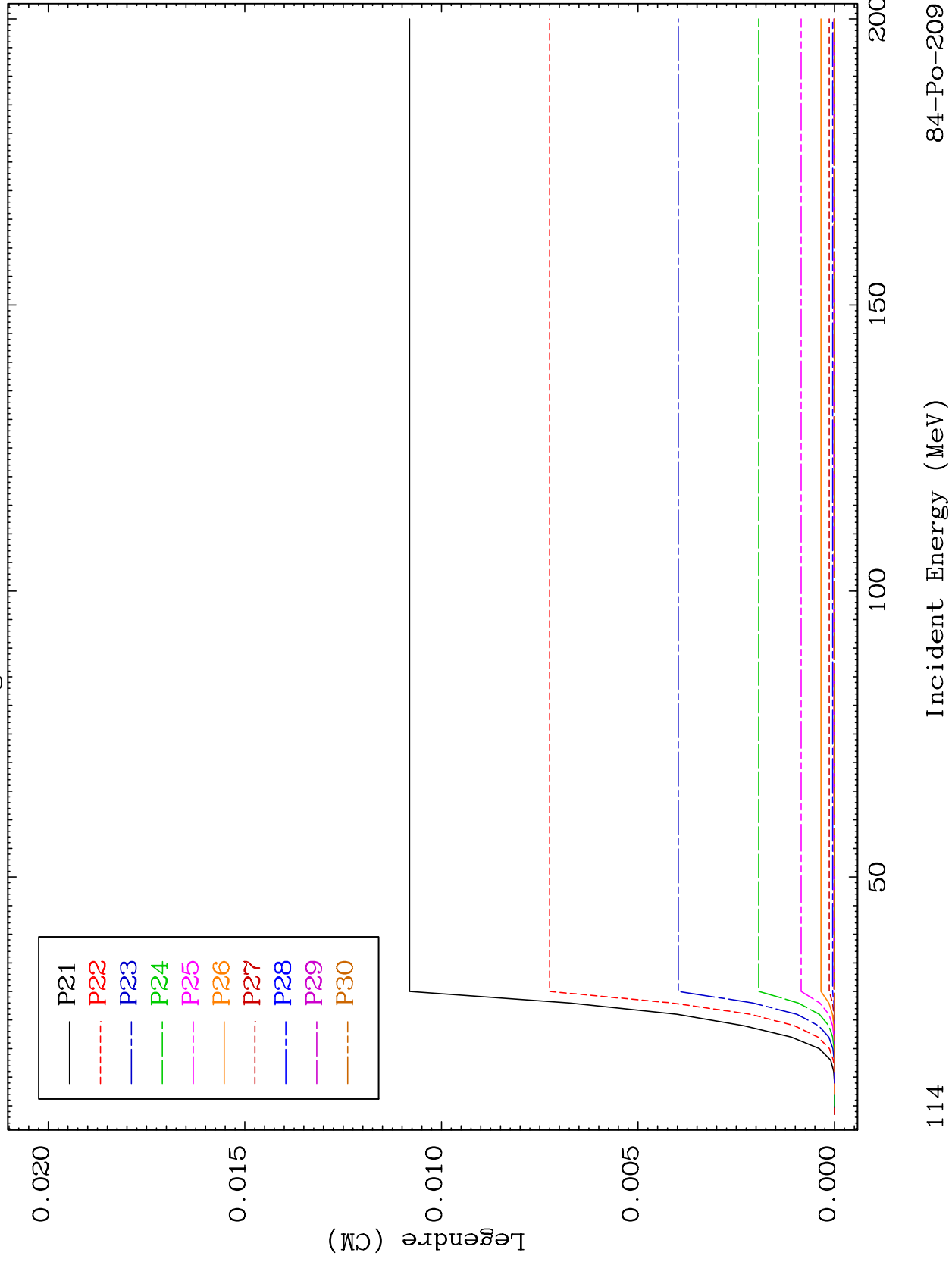
Incident Energy (MeV)

84-Po-209

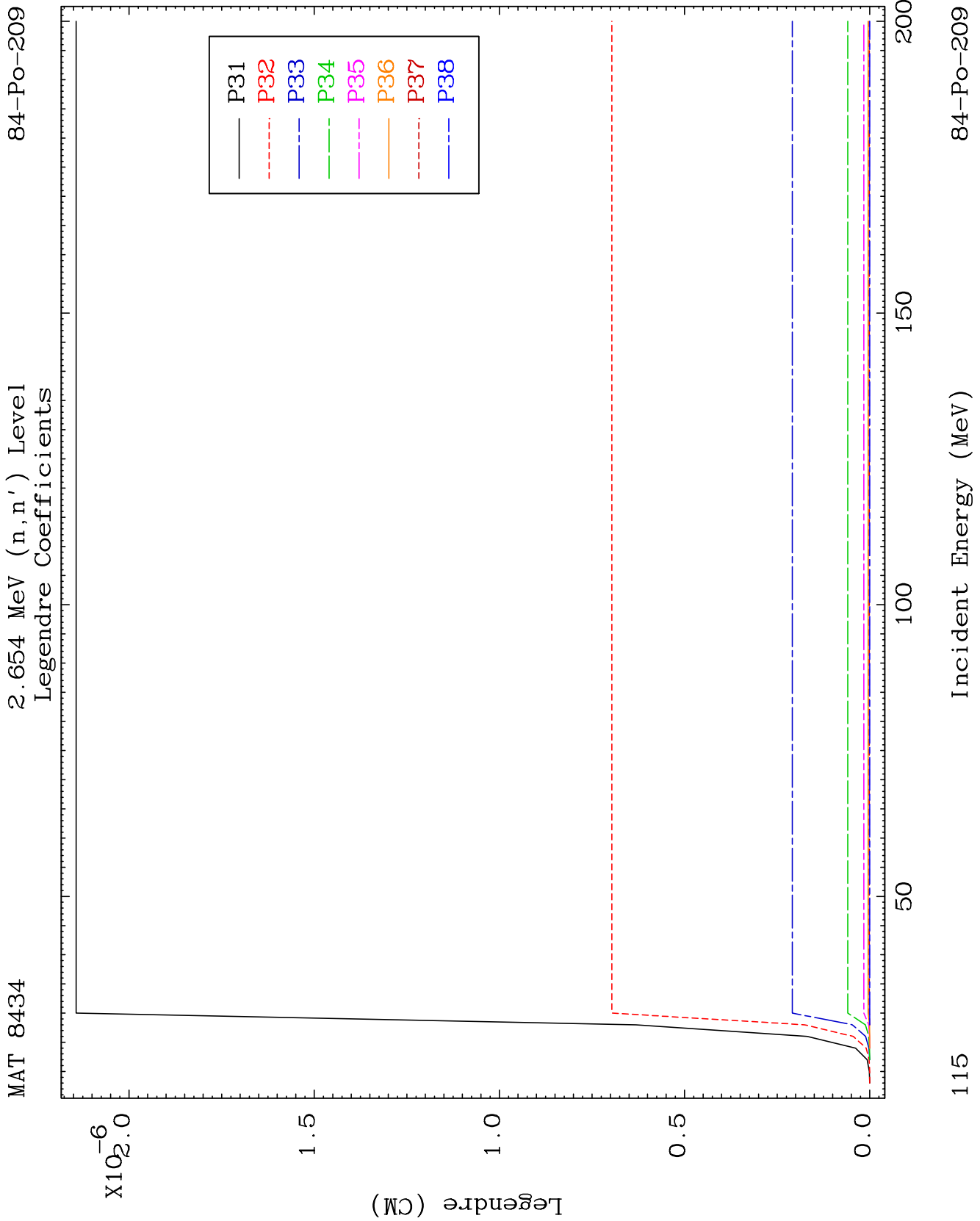
MAT 8434

2.654 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



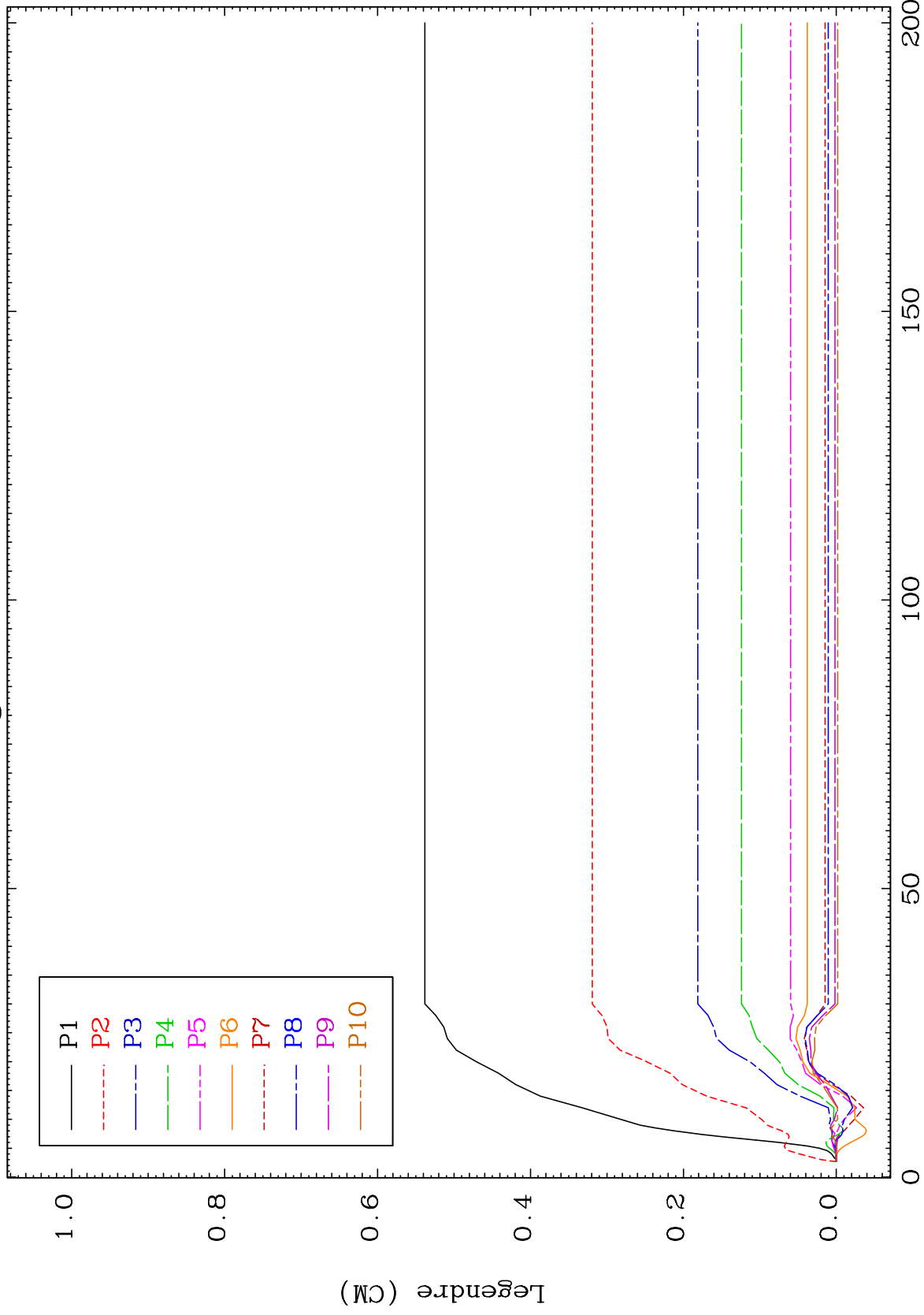
114



MAT 8434

2.664 MeV (n, n') Level  
Legendre Coefficients

84-Po-209



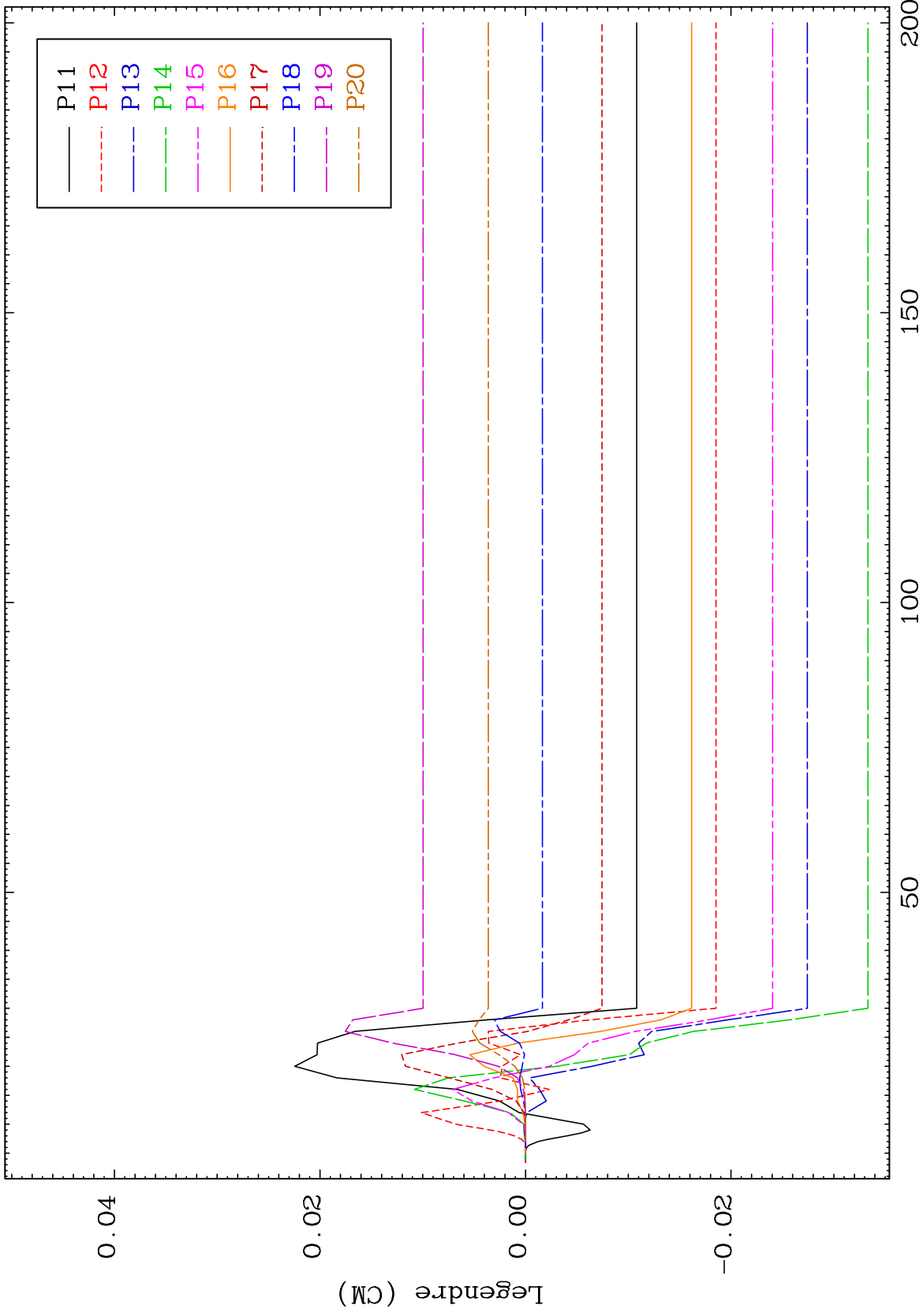
116

84-Po-209

MAT 8434

2.664 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



117

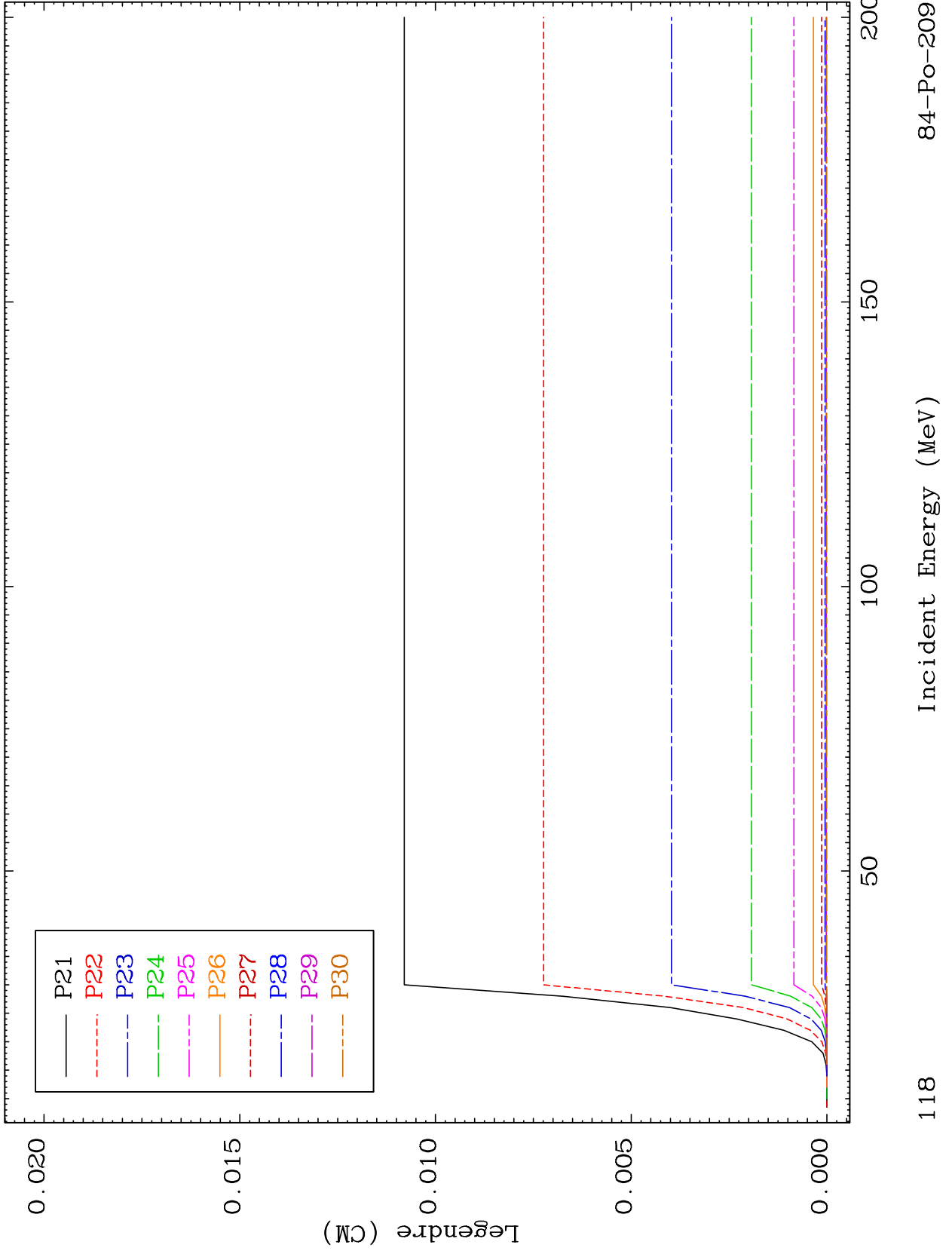
Incident Energy (MeV)

84-Po-209

MAT 8434

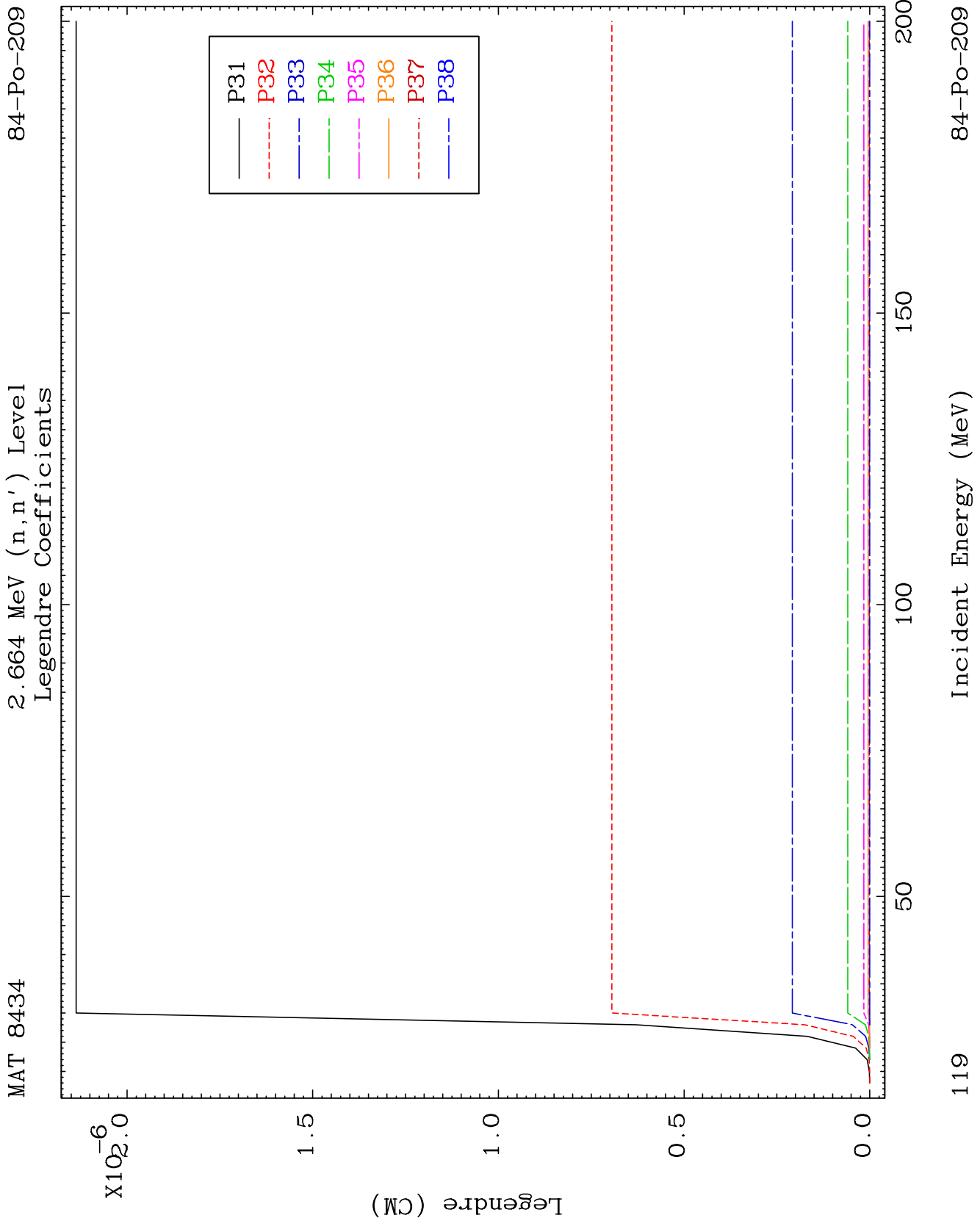
2.664 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



118

84-Po-209

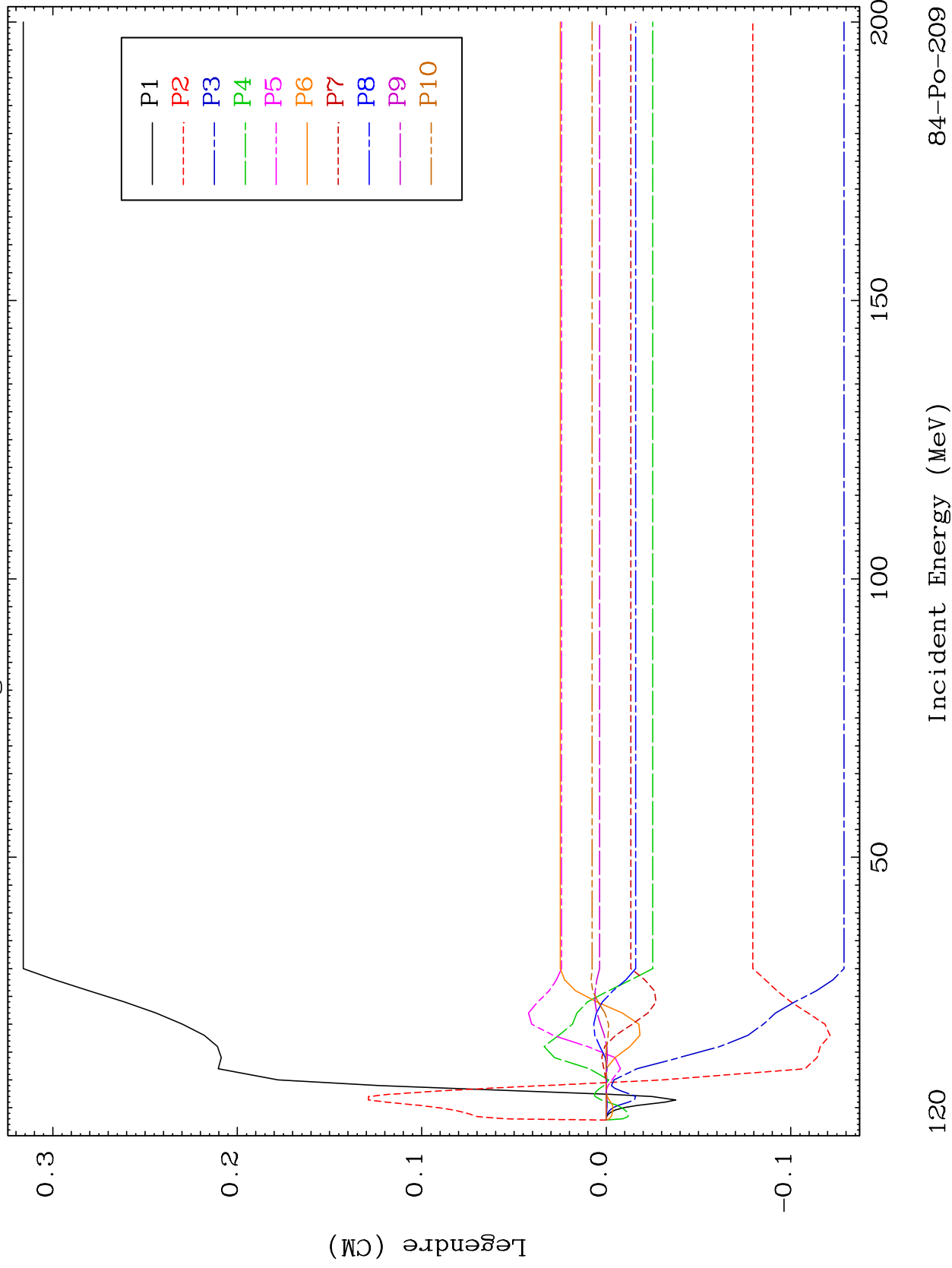




MAT 8434

2.770 MeV (n,n') Level  
Legendre Coefficients

84-Po-209

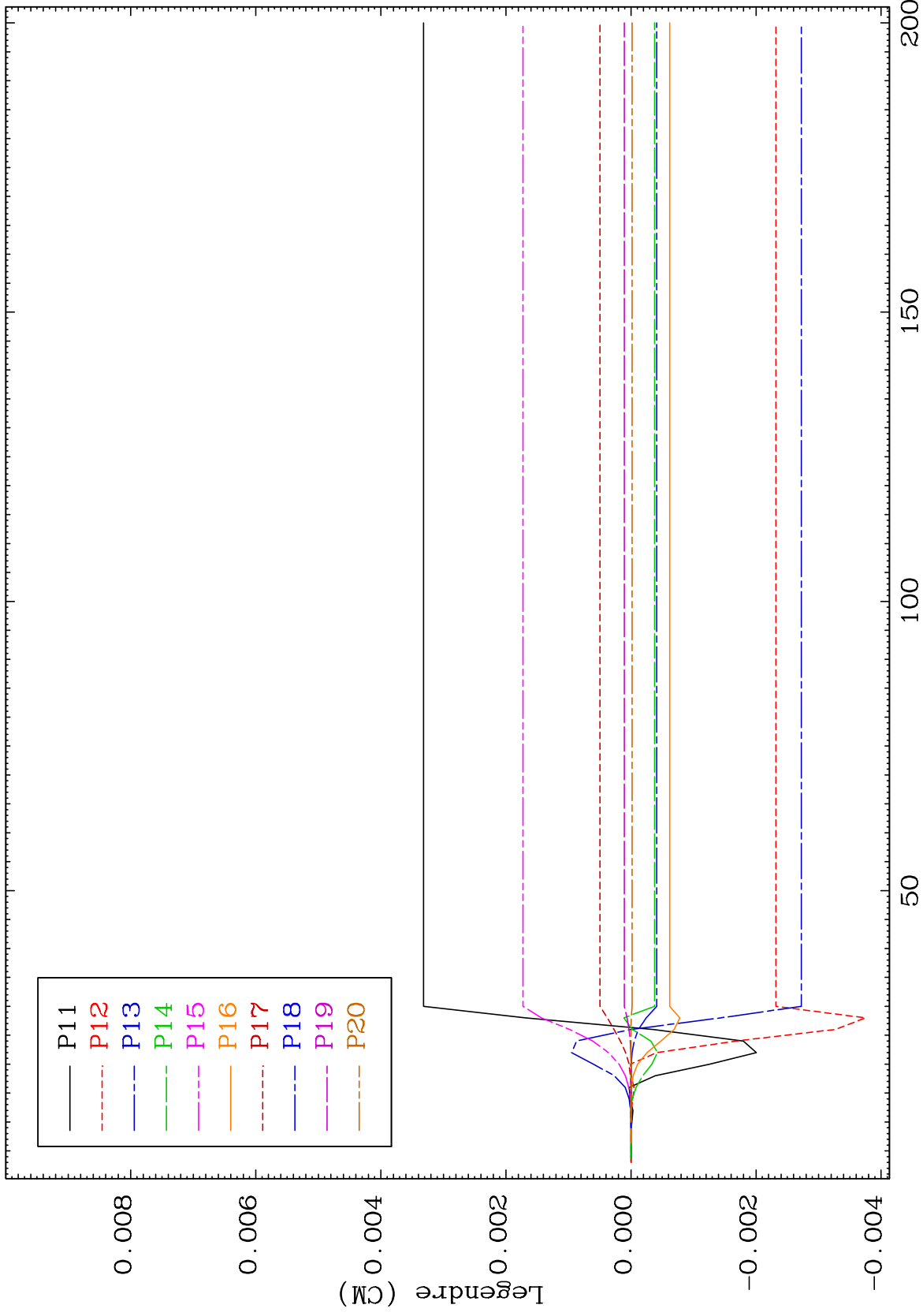


84-Po-209

MAT 8434

2.770 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



121

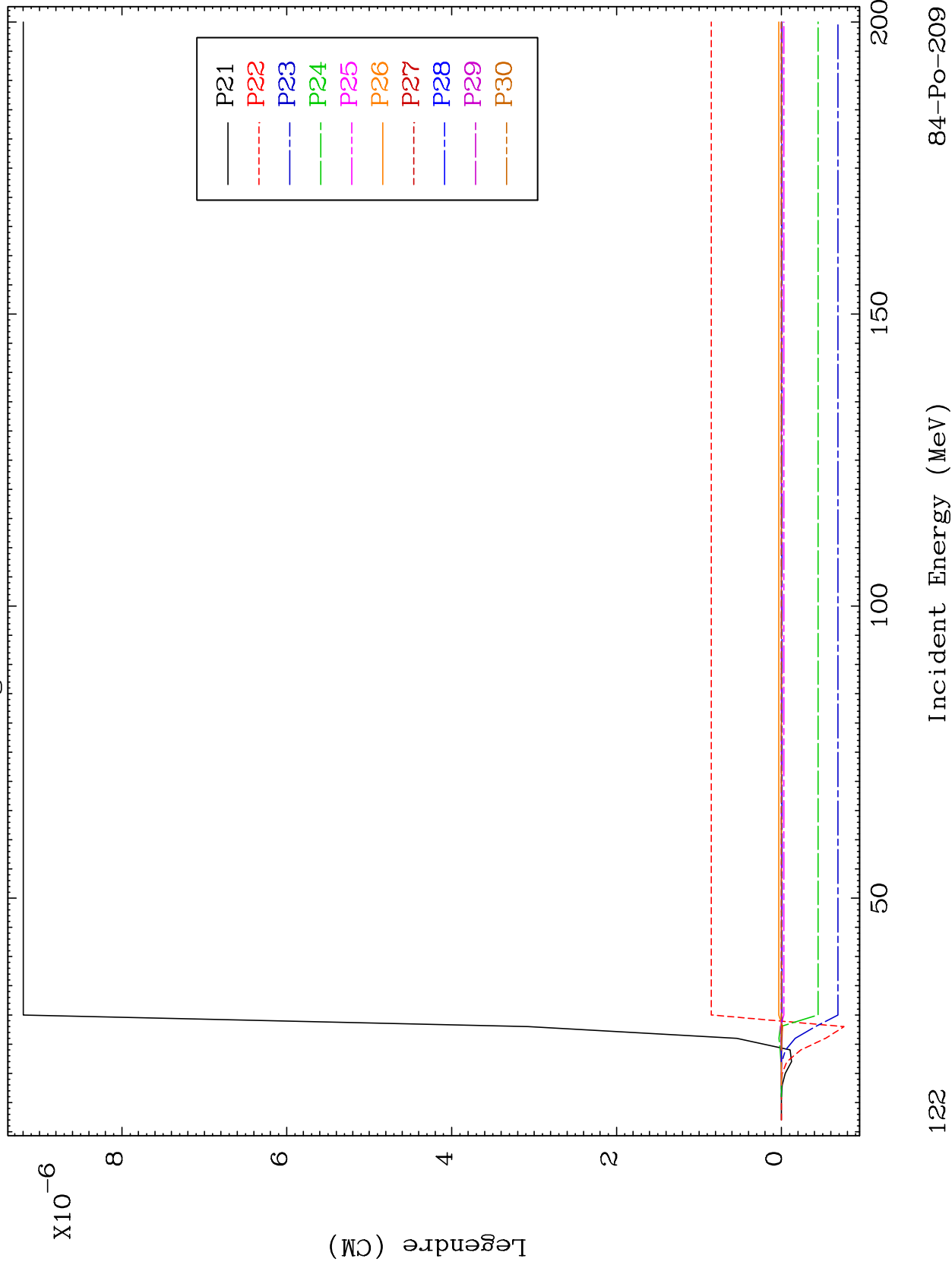
Incident Energy (MeV)

84-Po-209

MAT 8434

2.770 MeV (n,n') Level  
Legendre Coefficients

84-Po-209

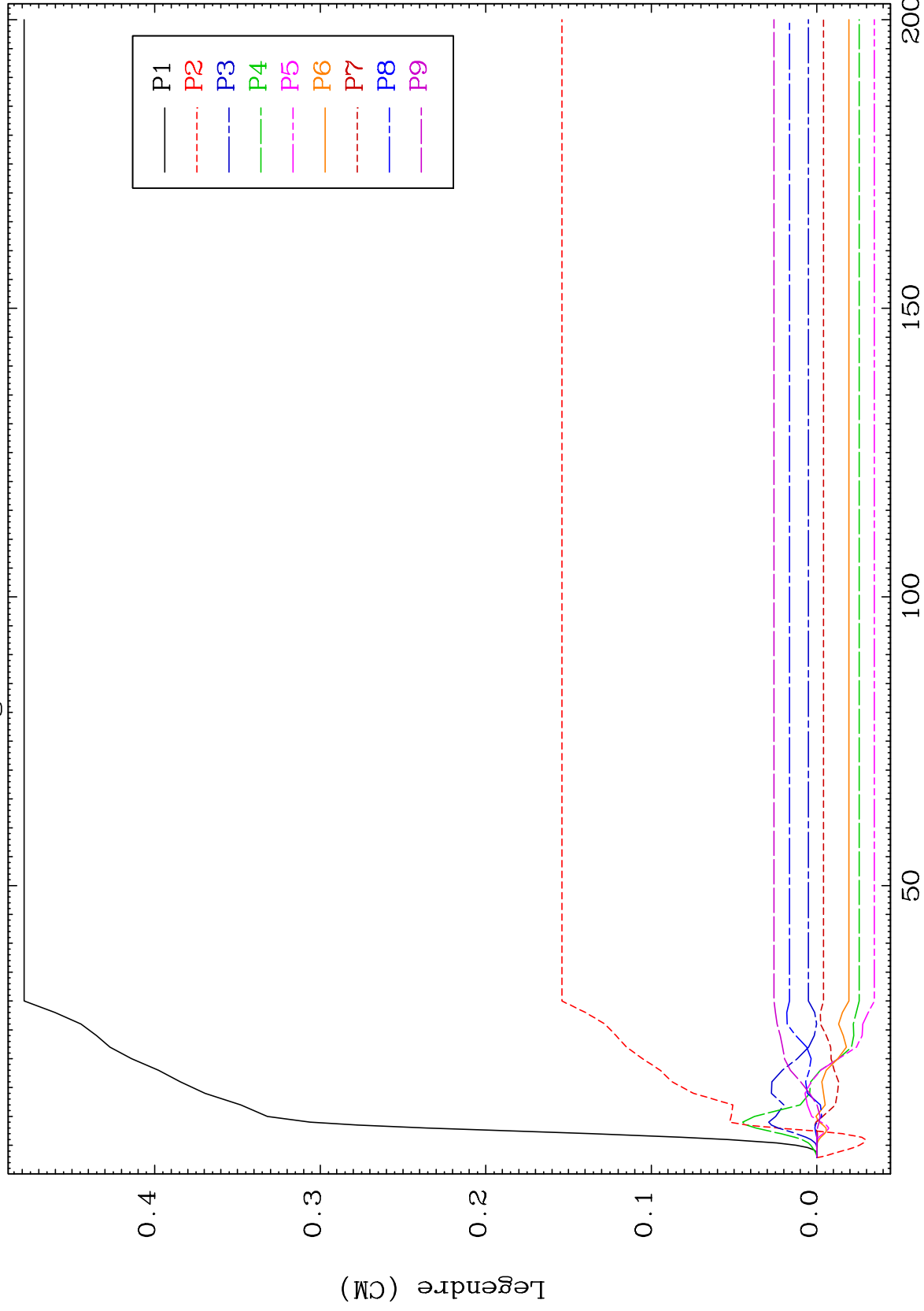


122

MAT 8434

2.836 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



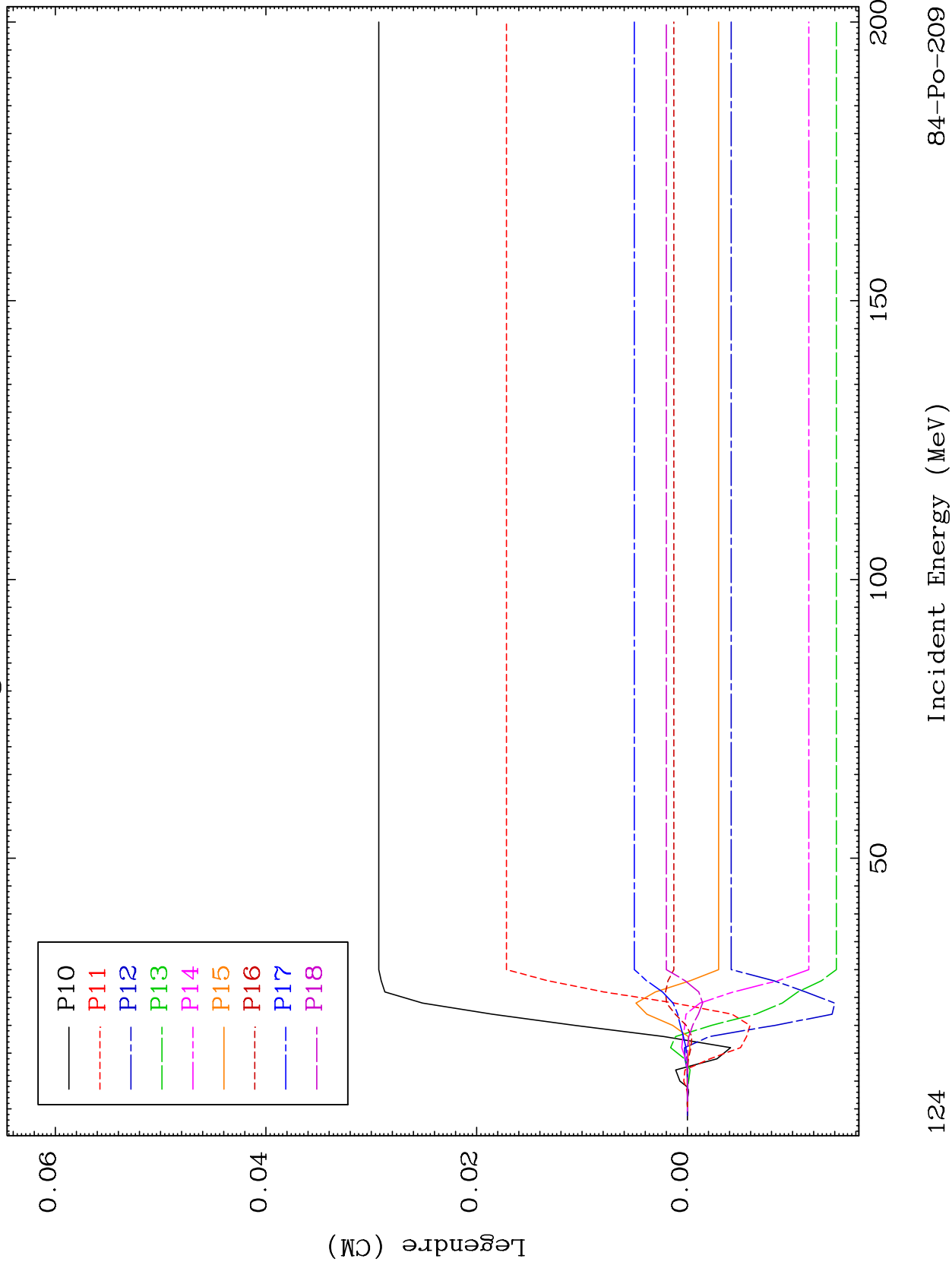
123

84-Po-209

MAT 8434

2.836 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



124

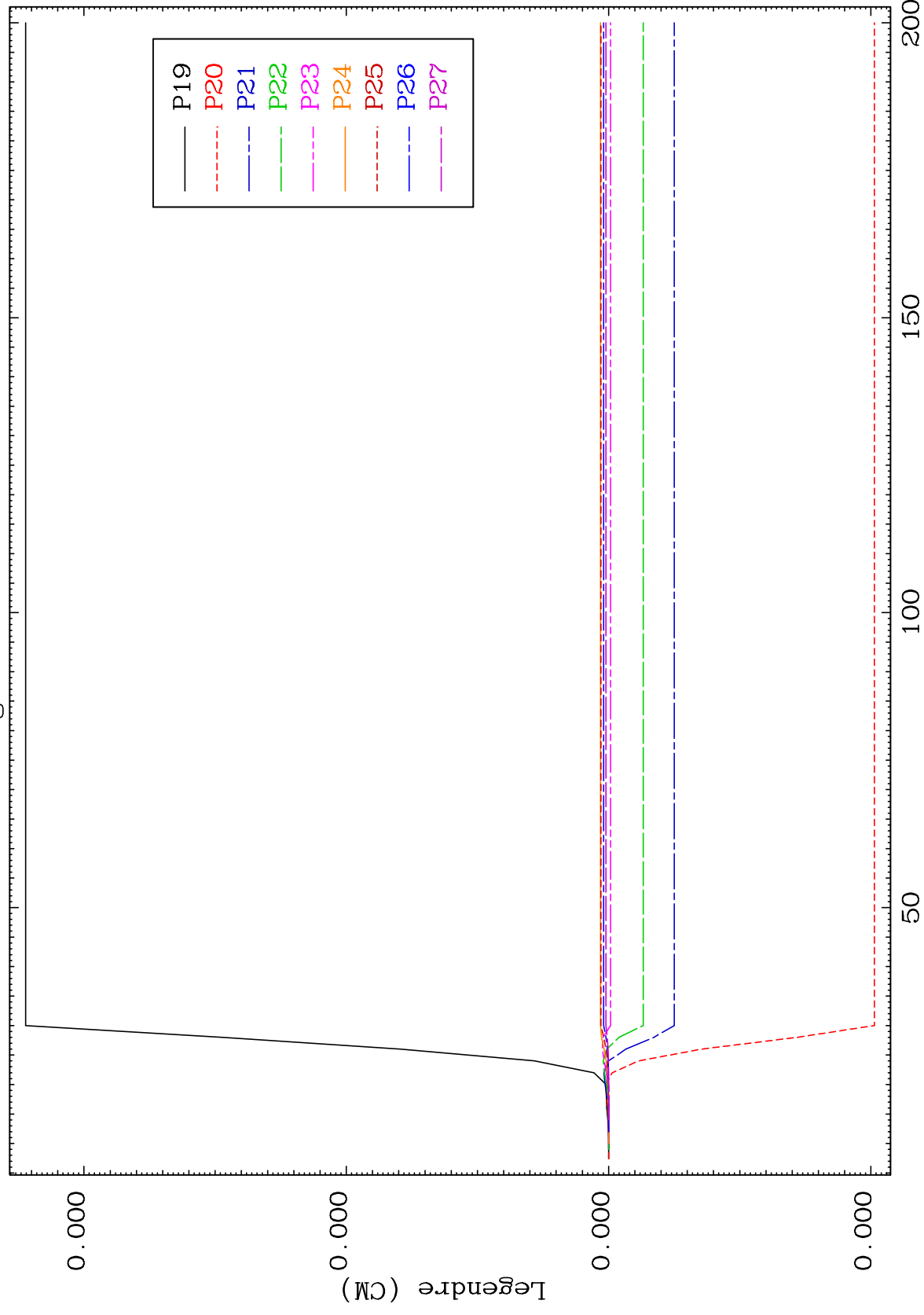
Incident Energy (MeV)

84-Po-209

MAT 8434

2.836 MeV (n,n') Level  
Legendre Coefficients

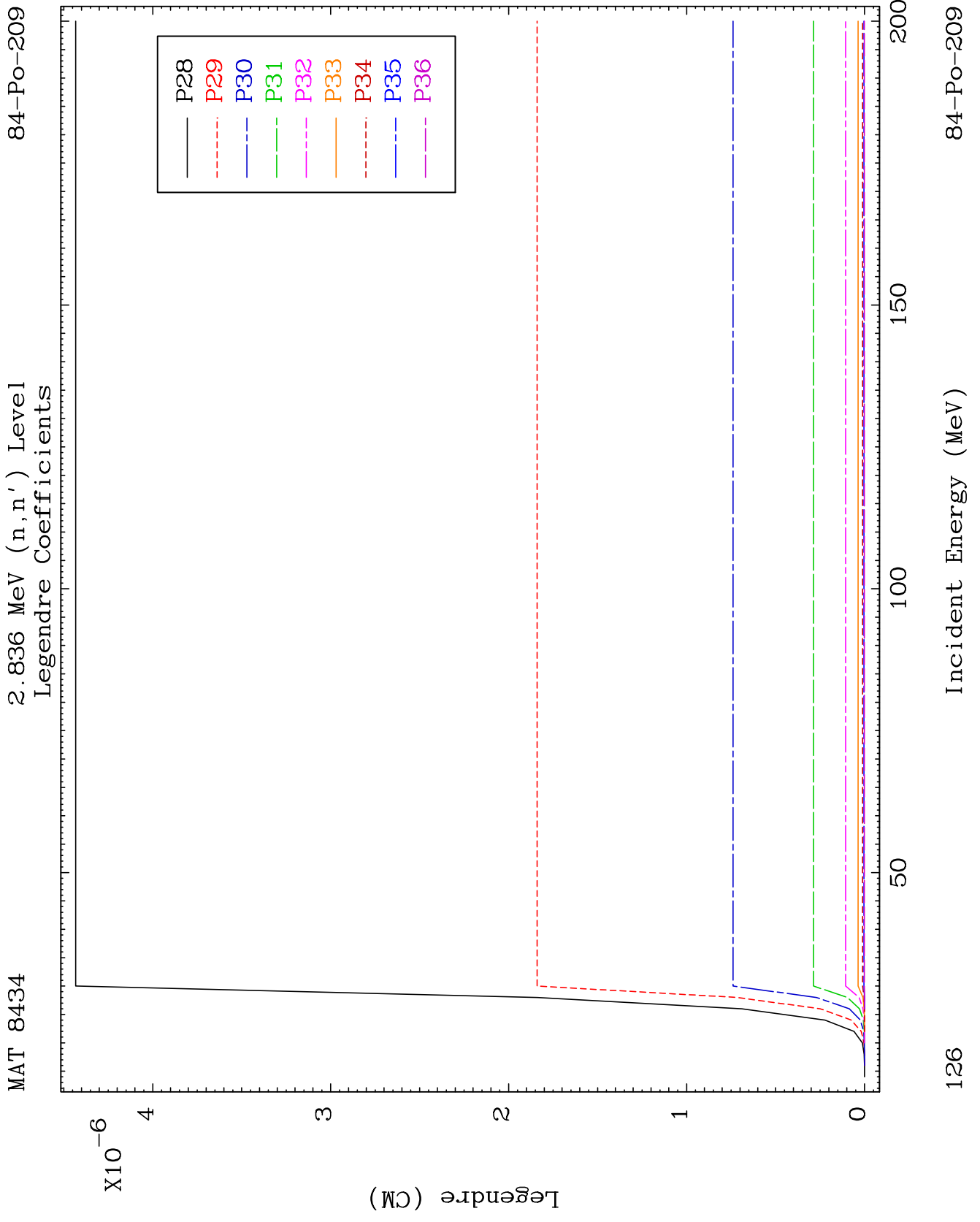
84-Po-209



125

Incident Energy (MeV)

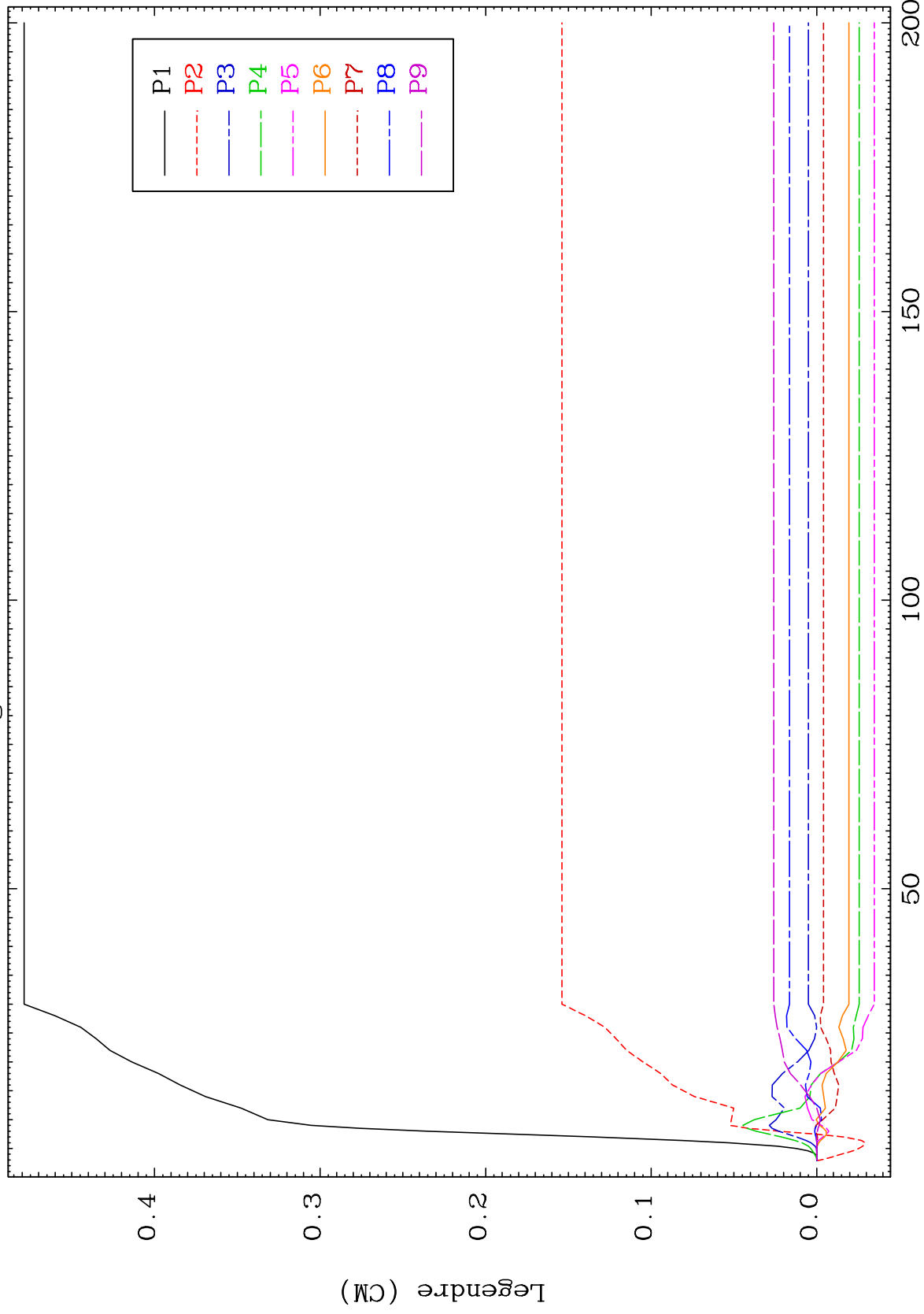
84-Po-209



MAT 8434

2.864 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



127

Incident Energy (MeV)

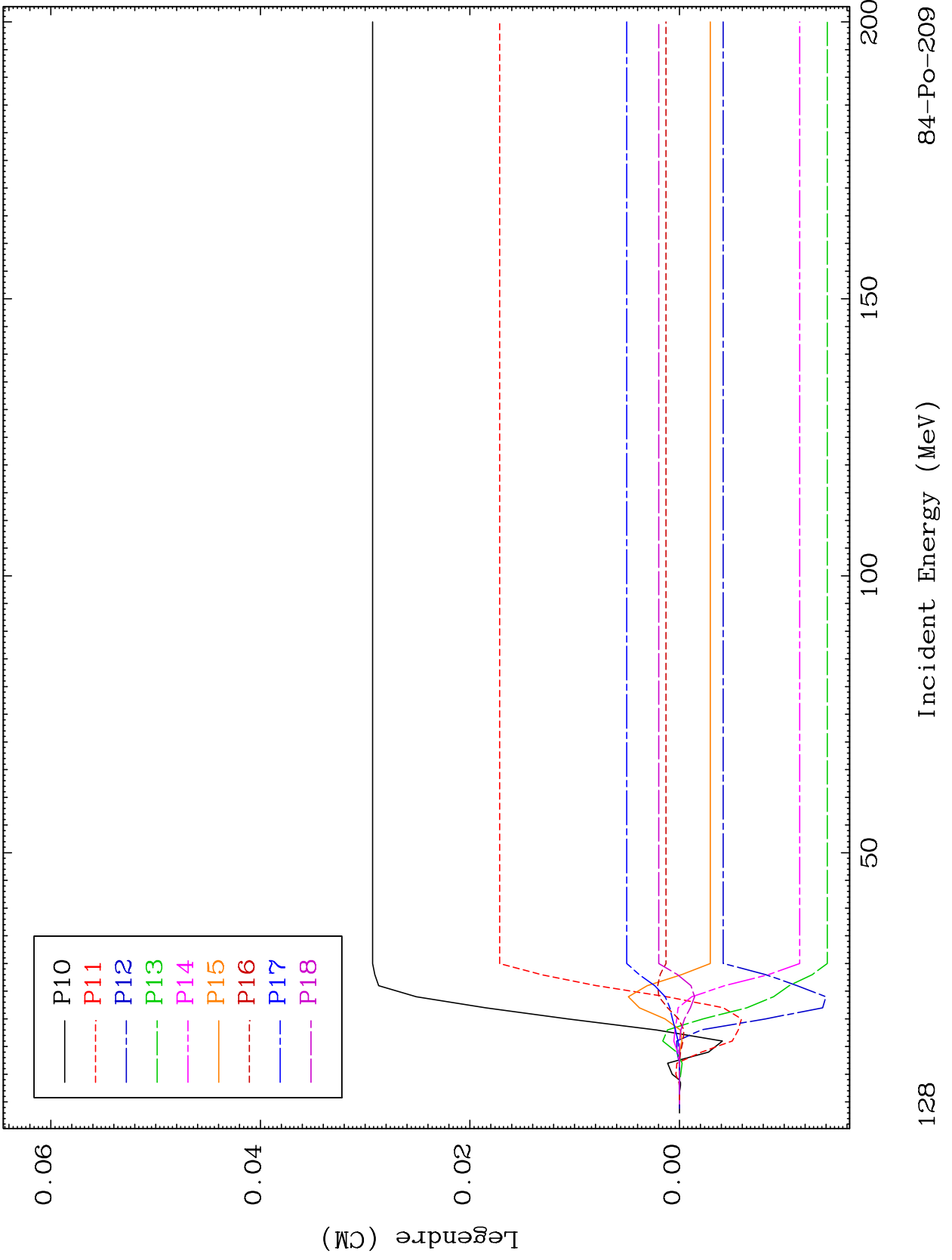
84-Po-209



MAT 8434

2.864 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



128

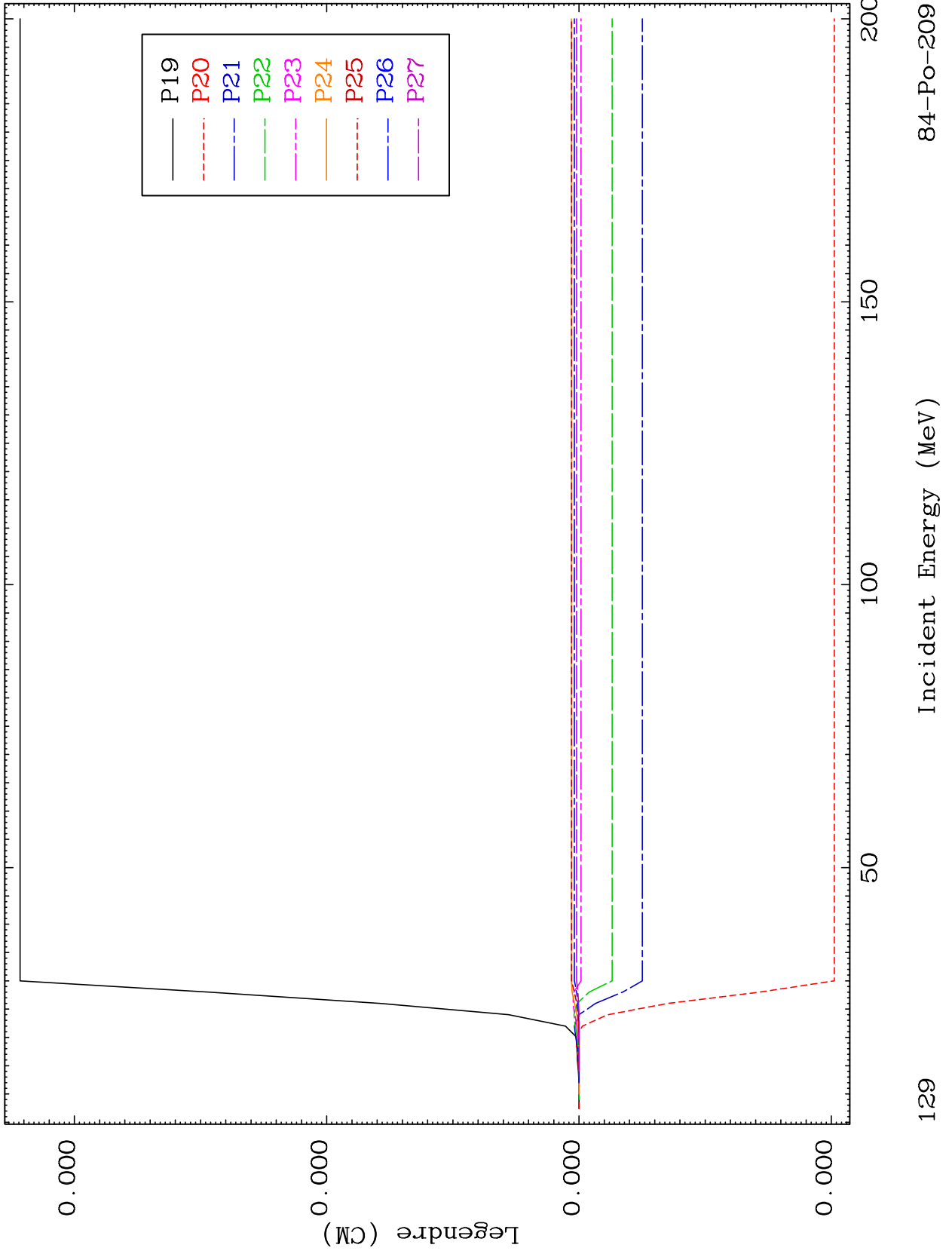
Incident Energy (MeV)

84-Po-209

MAT 8434

2.864 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



129

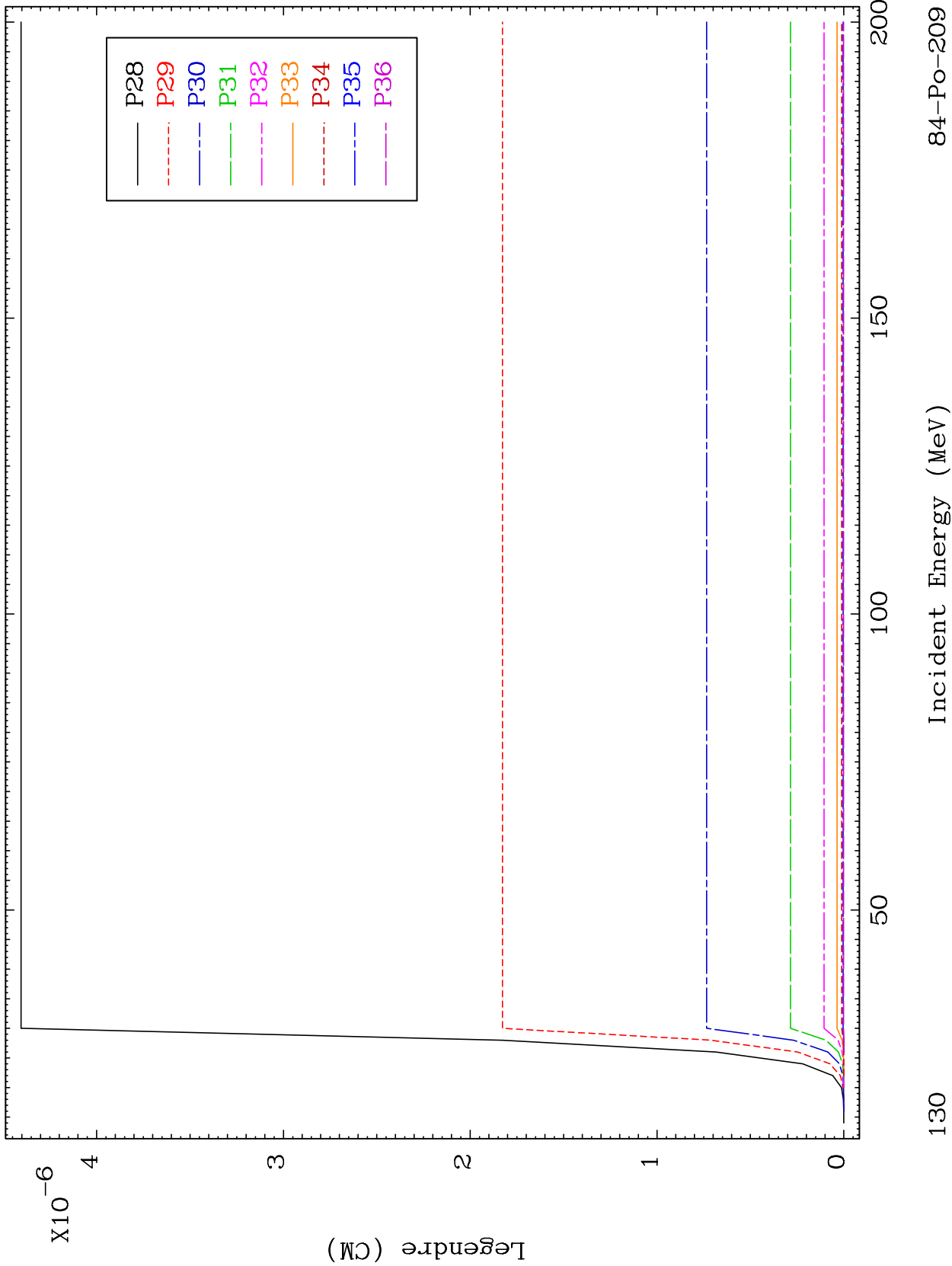
Incident Energy (MeV)

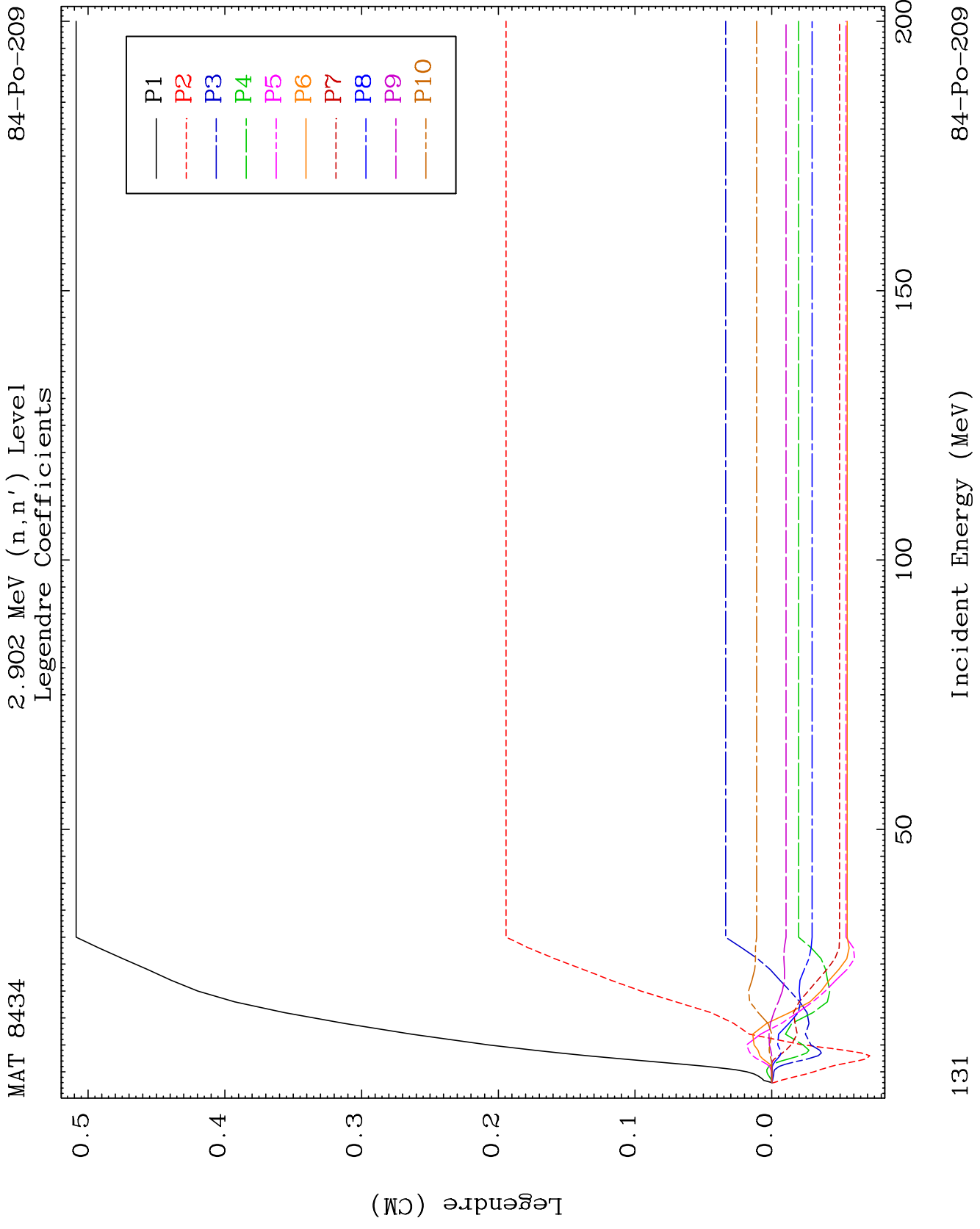
84-Po-209

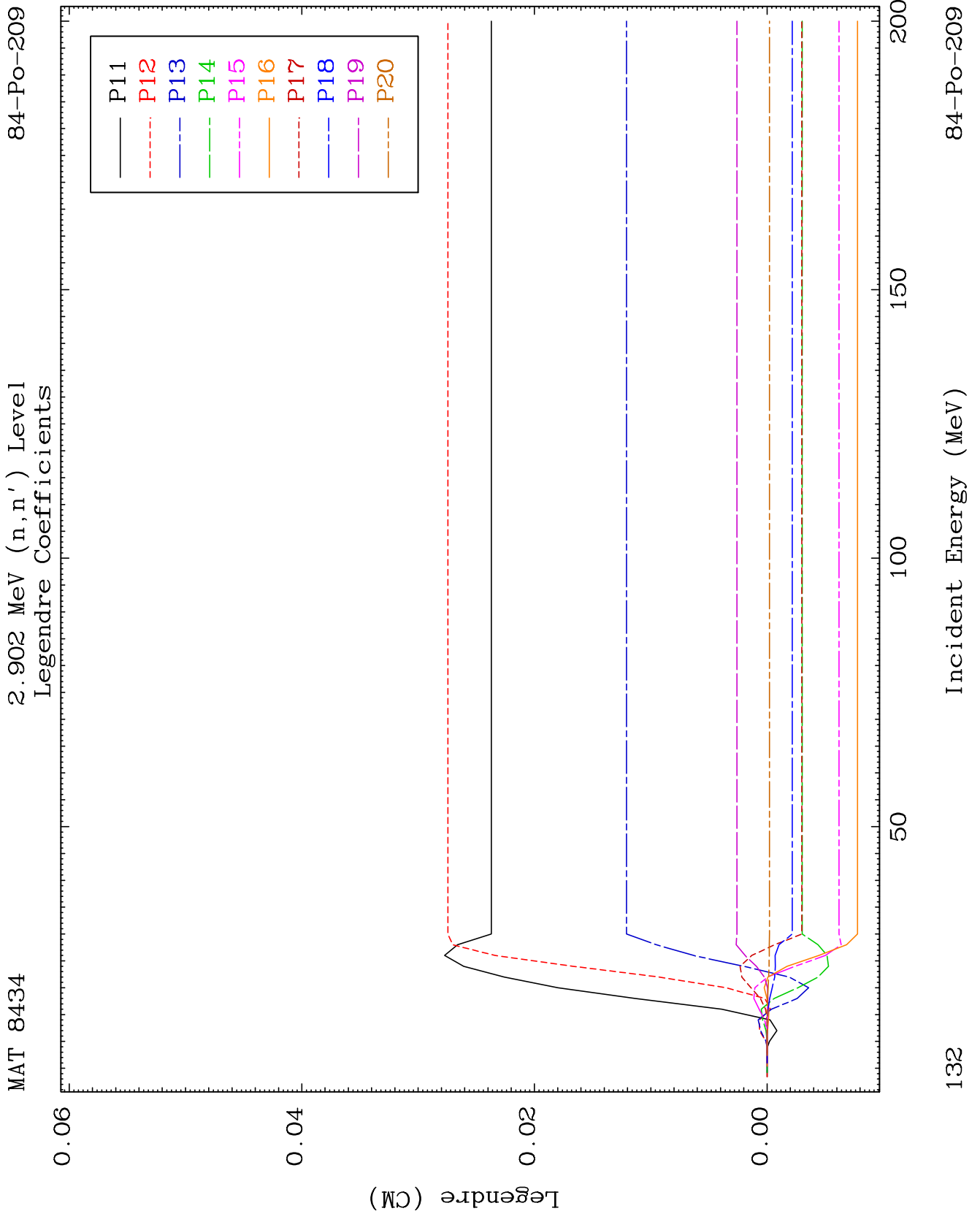
MAT 8434

2.864 MeV (n,n') Level  
Legendre Coefficients

84-Po-209



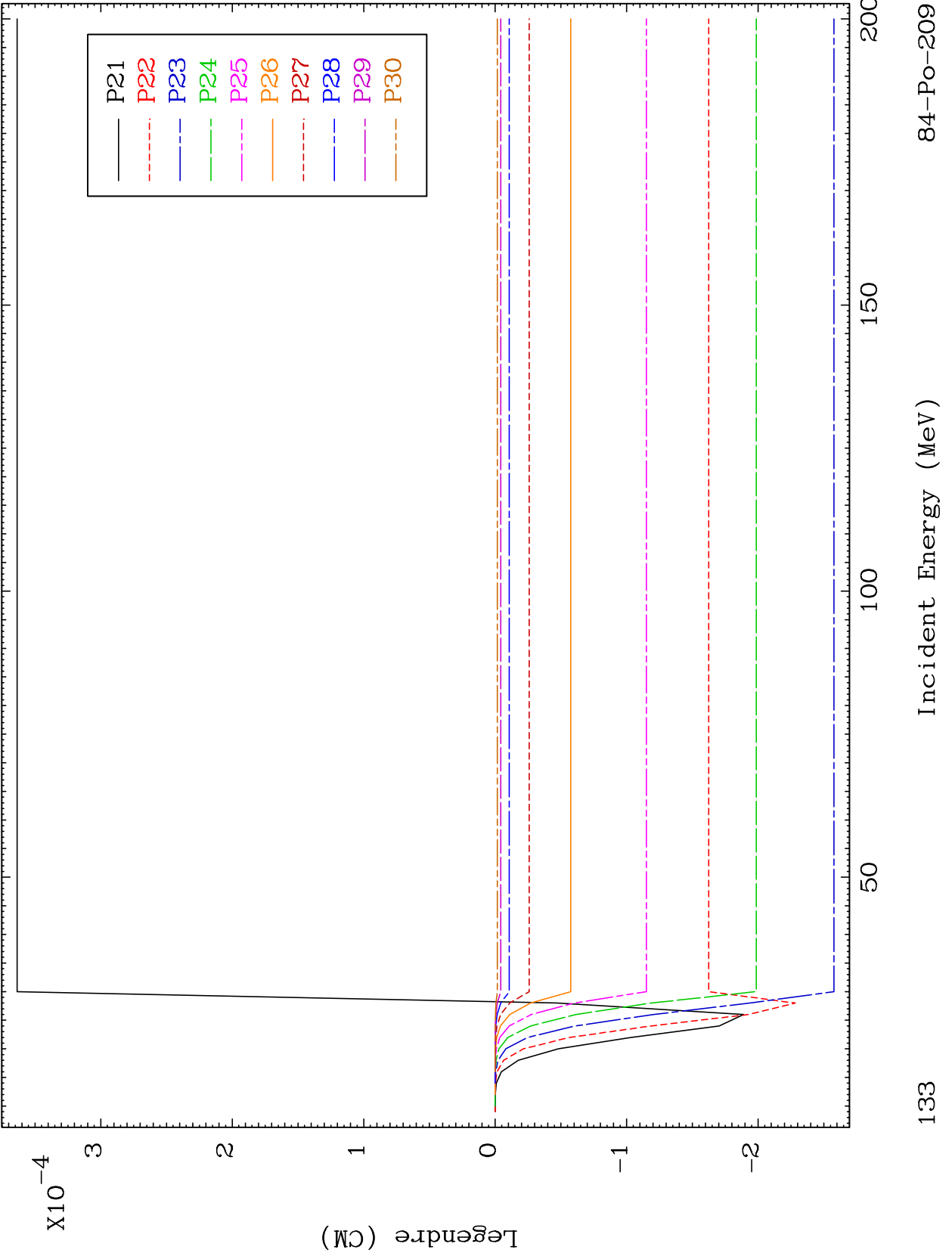




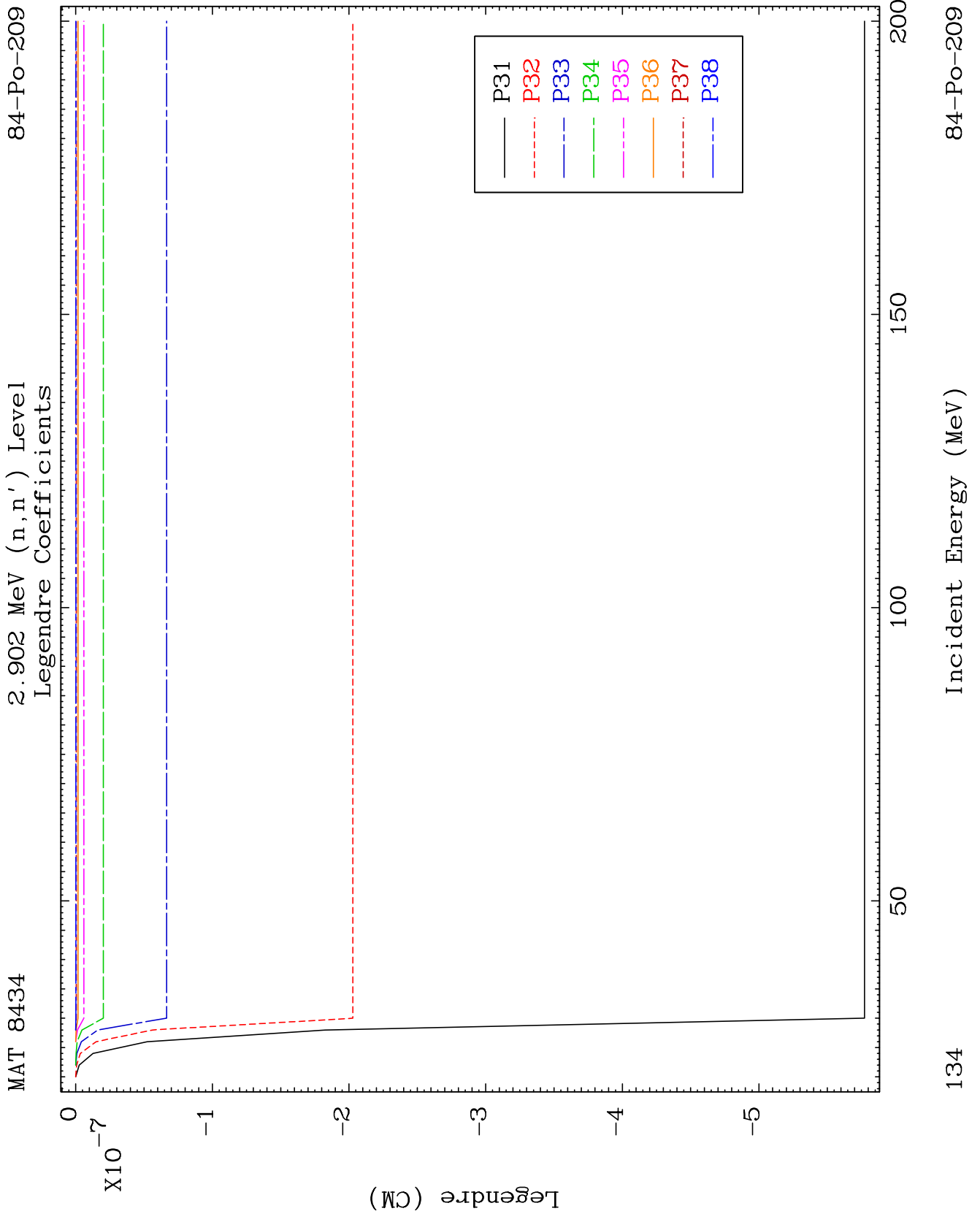
MAT 8434

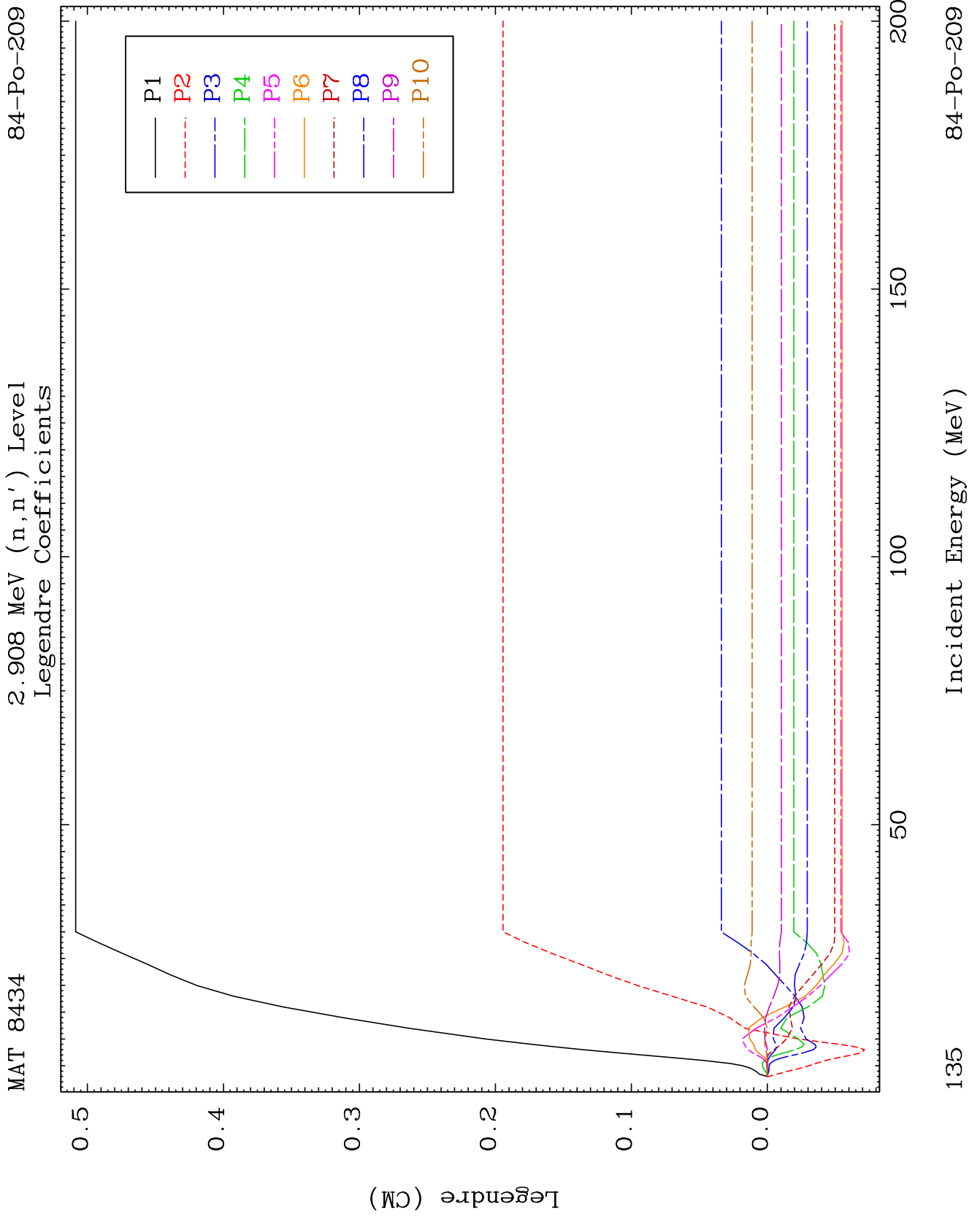
2.902 MeV (n,n') Level  
Legendre Coefficients

84-Po-209

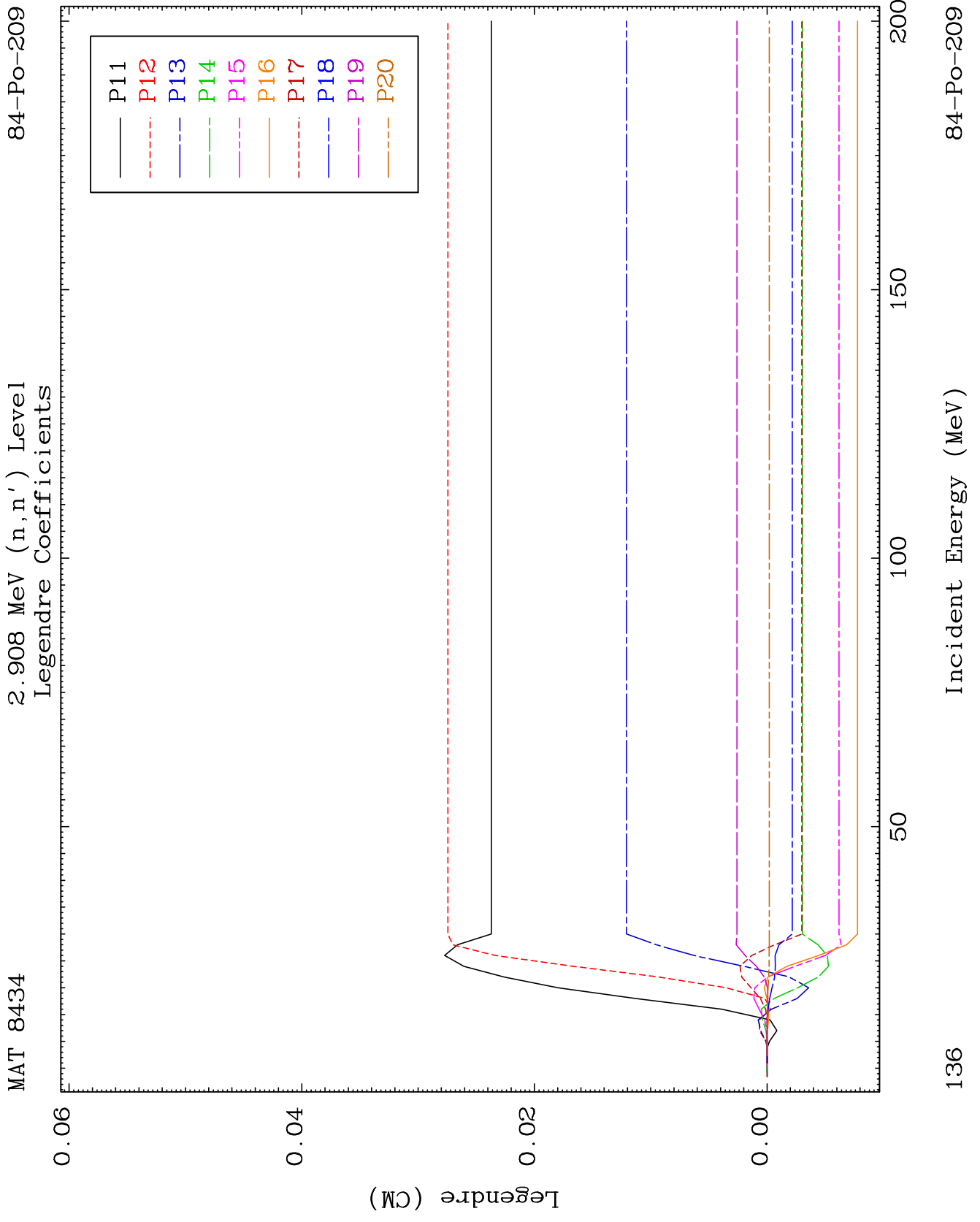


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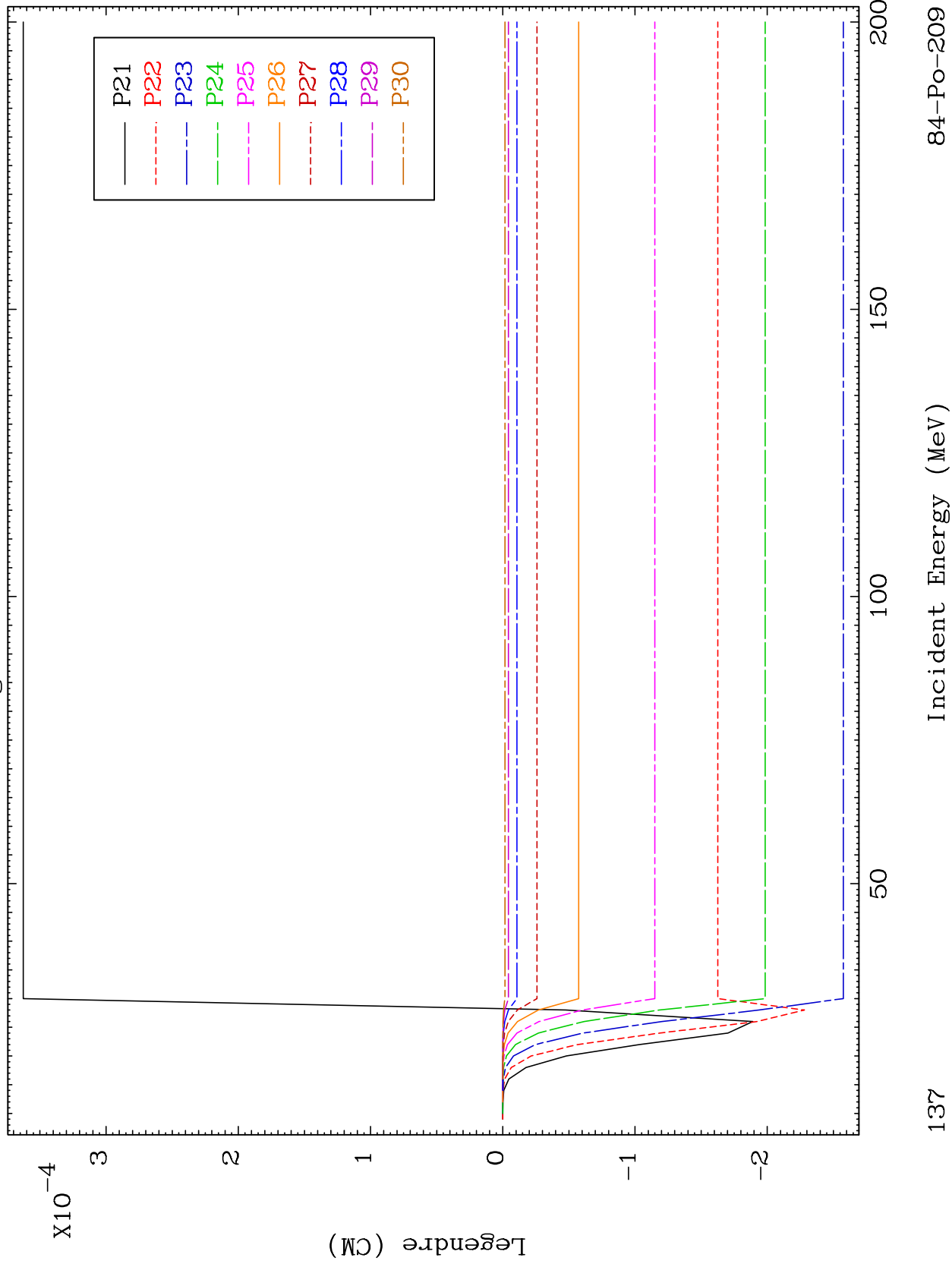




MAT 8434

2.908 MeV (n,n') Level  
Legendre Coefficients

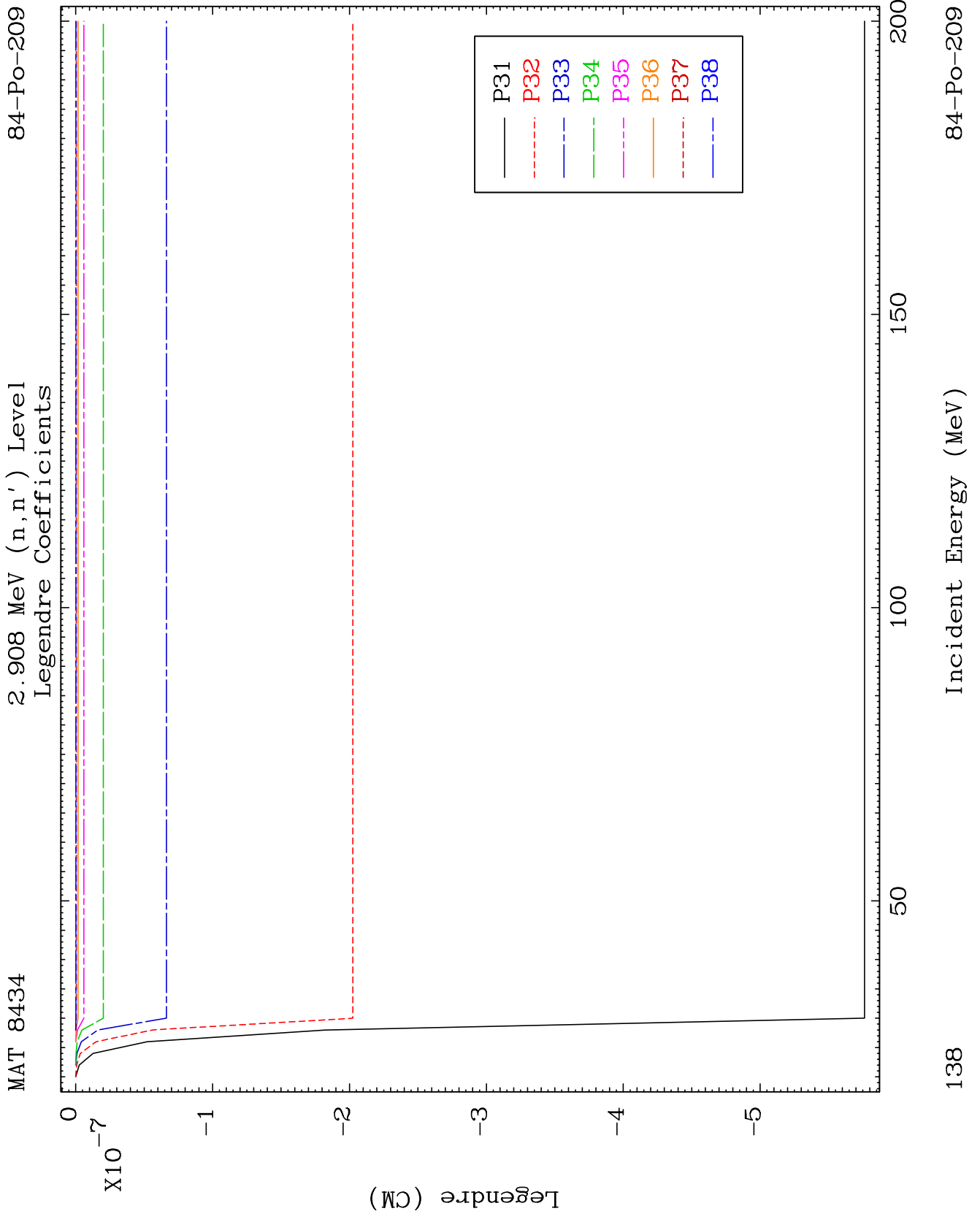
84-Po-209



137

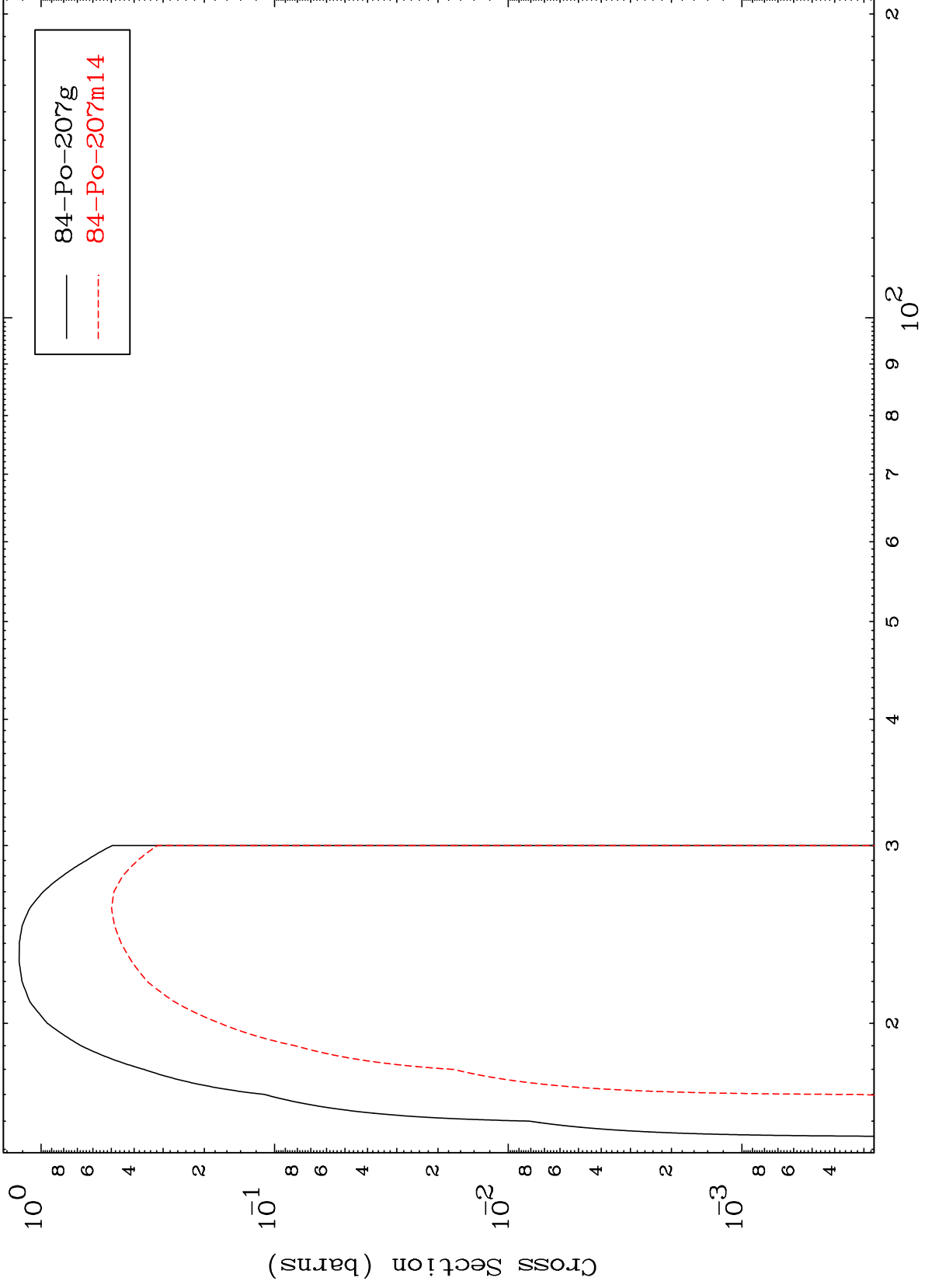
Incident Energy (MeV)

84-Po-209



(n,3n)

Radionuclide Production Cross Section

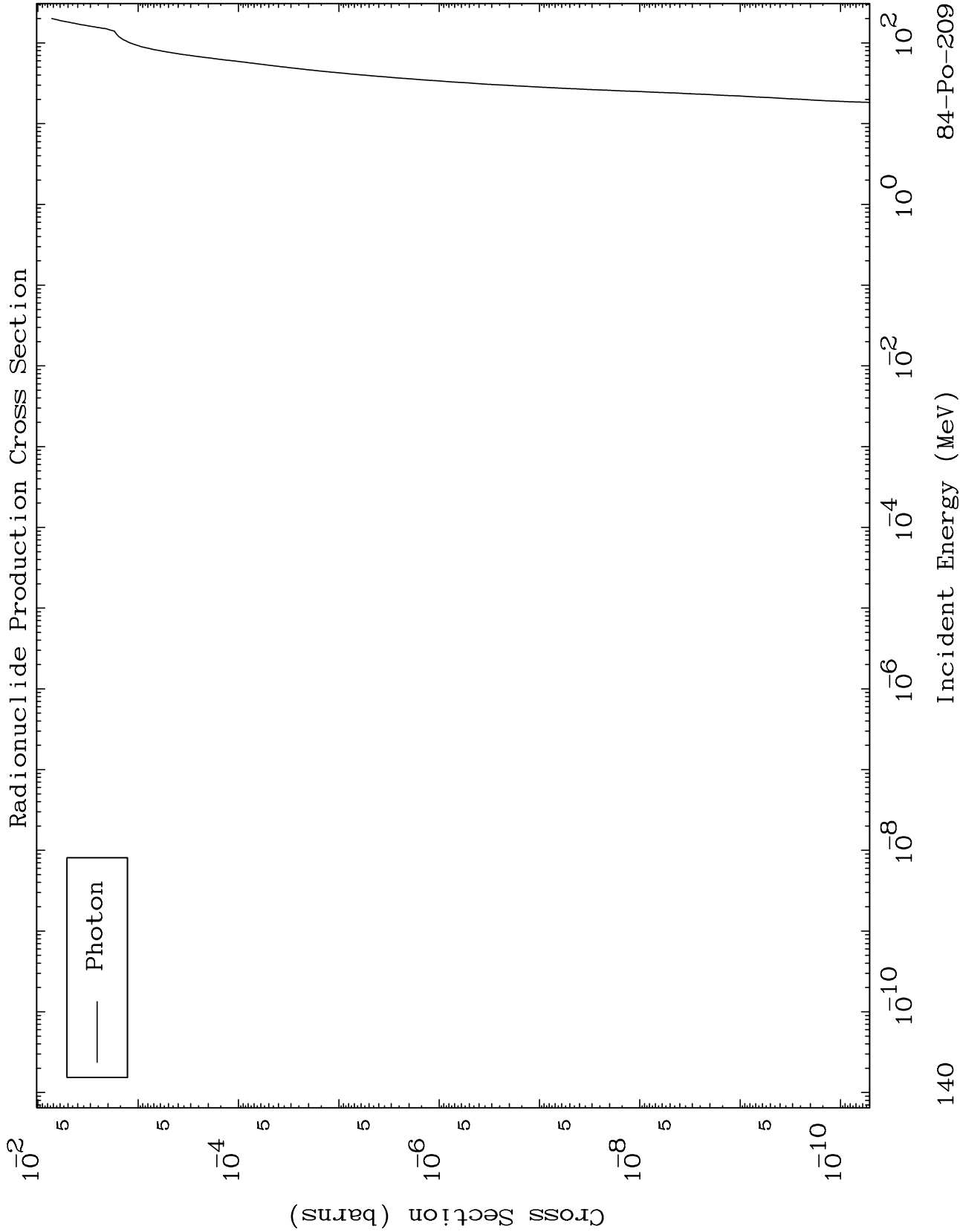


MAT 8434

Fission

84-Po-209

Radionuclide Production Cross Section



140

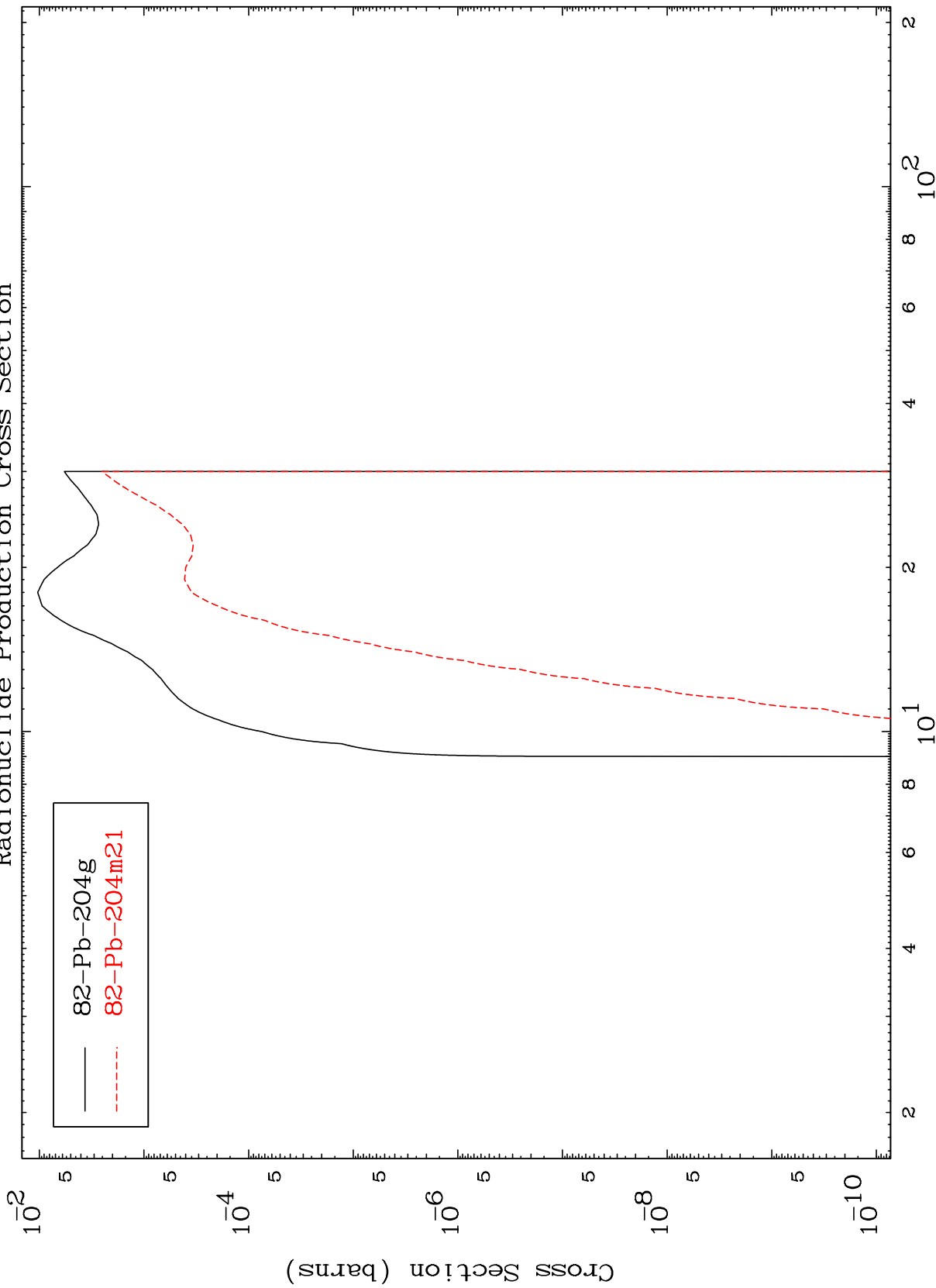
84-Po-209

MAT 8434

(n,2n)  $\alpha$

84-Po-209

Radionuclide Production Cross Section



141

Incident Energy (MeV)

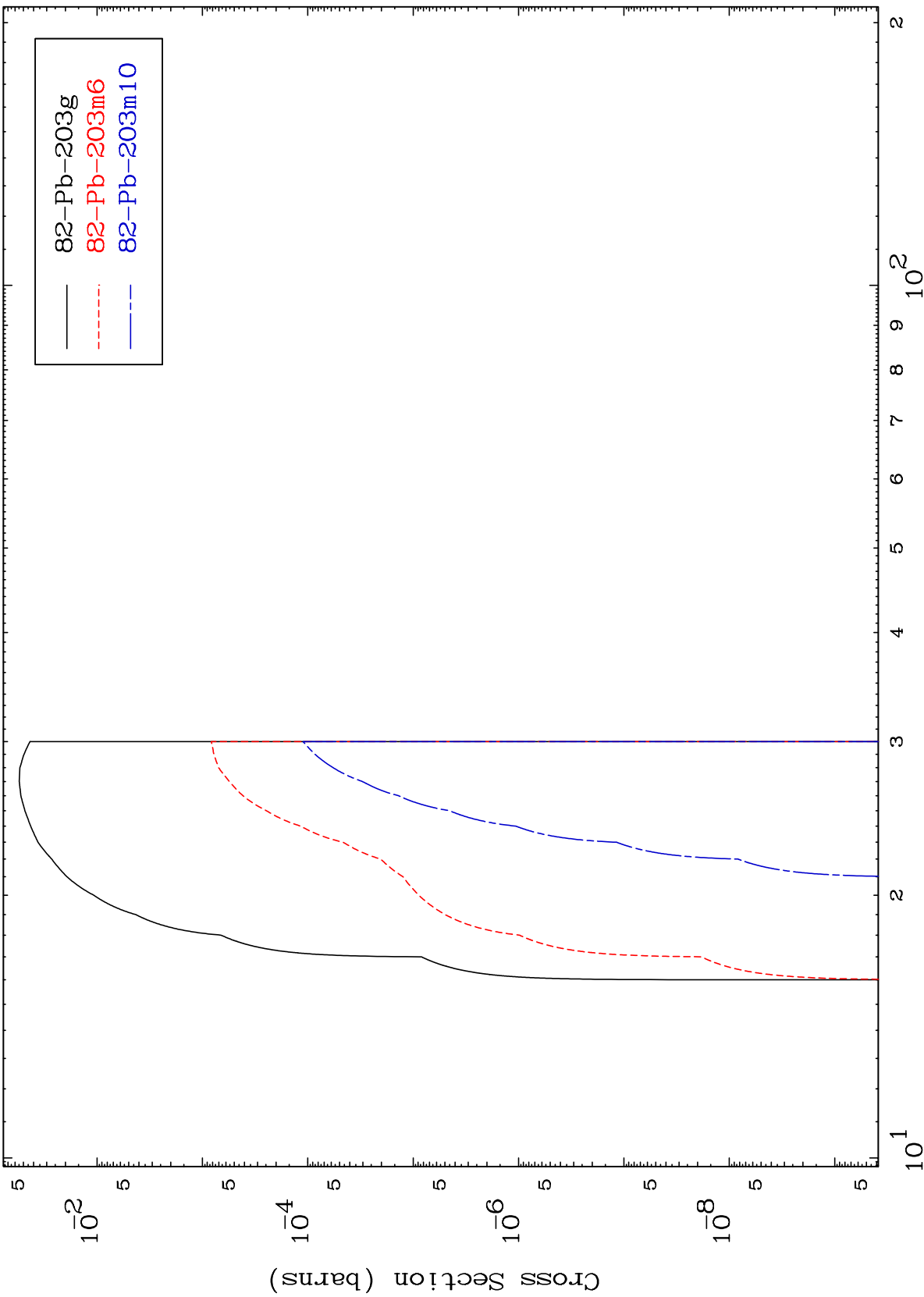
84-Po-209

MAT 8434

(n,3n)  $\alpha$

84-Po-209

Radionuclide Production Cross Section



142

Incident Energy (MeV)

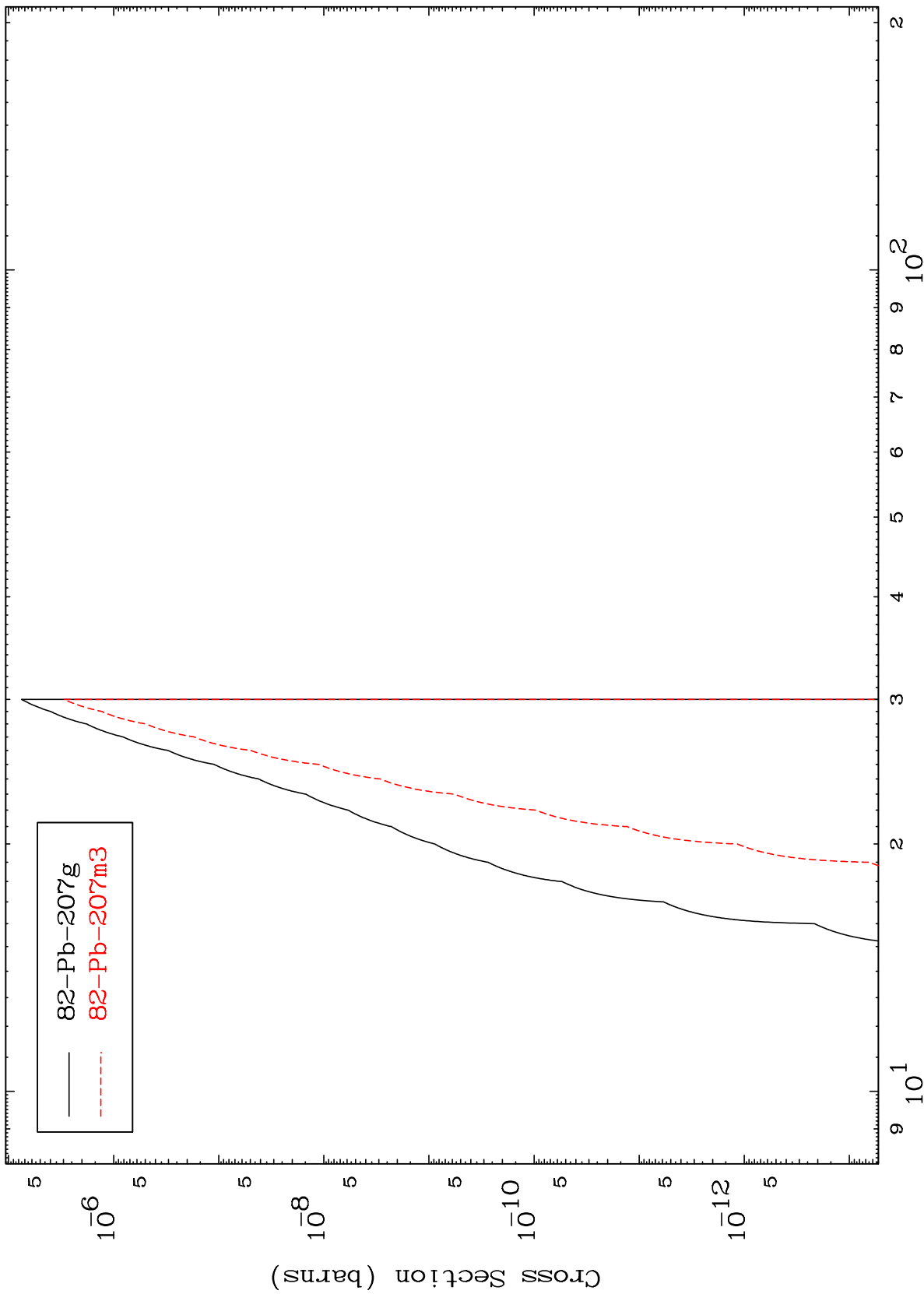
84-Po-209

MAT 8434

(n,2n) p

84-Po-209

Radionuclide Production Cross Section



143

Incident Energy (MeV)

84-Po-209

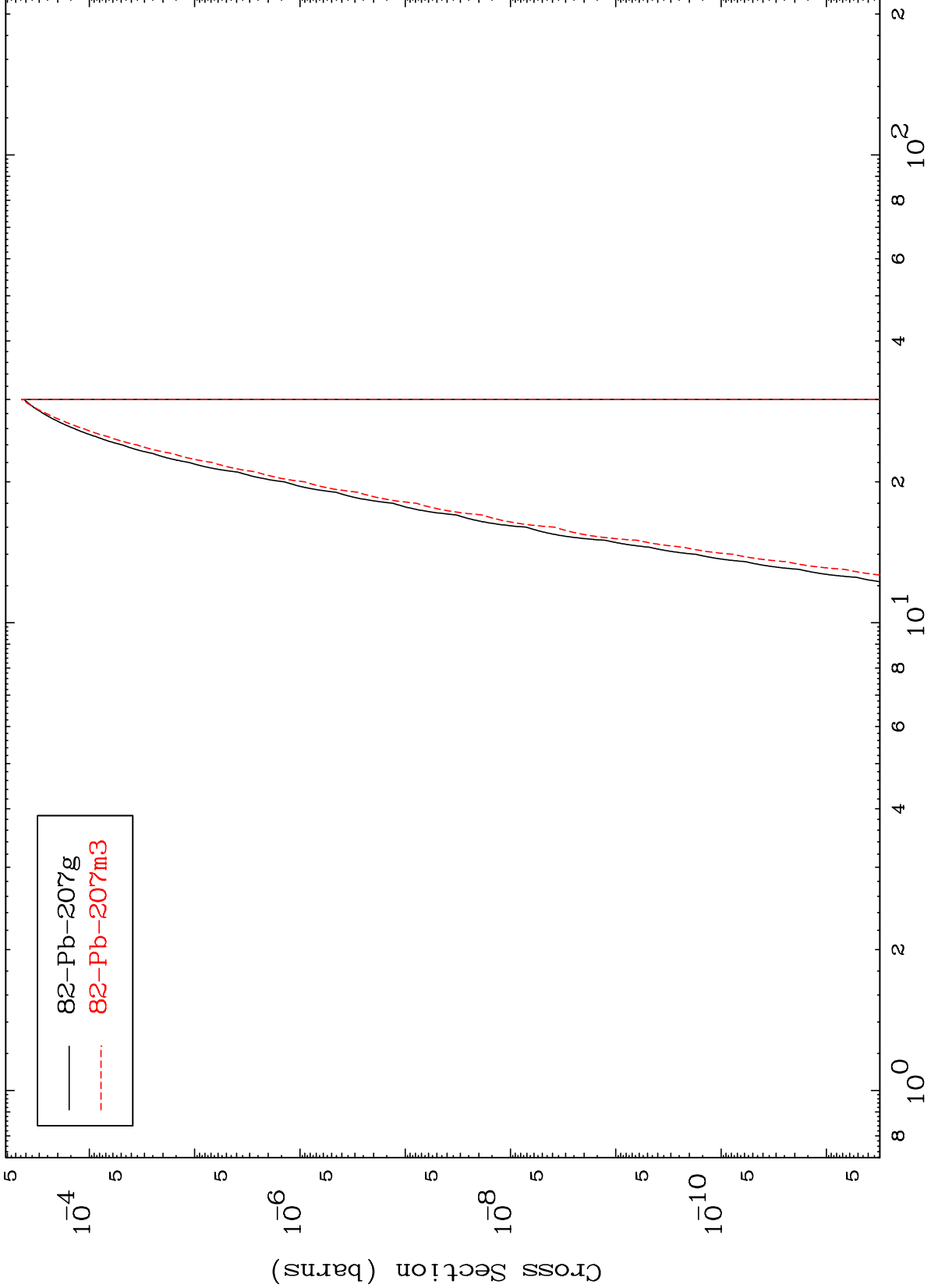


MAT 8434

(n,He-3)

84-Po-209

Radionuclide Production Cross Section



144

Incident Energy (MeV)

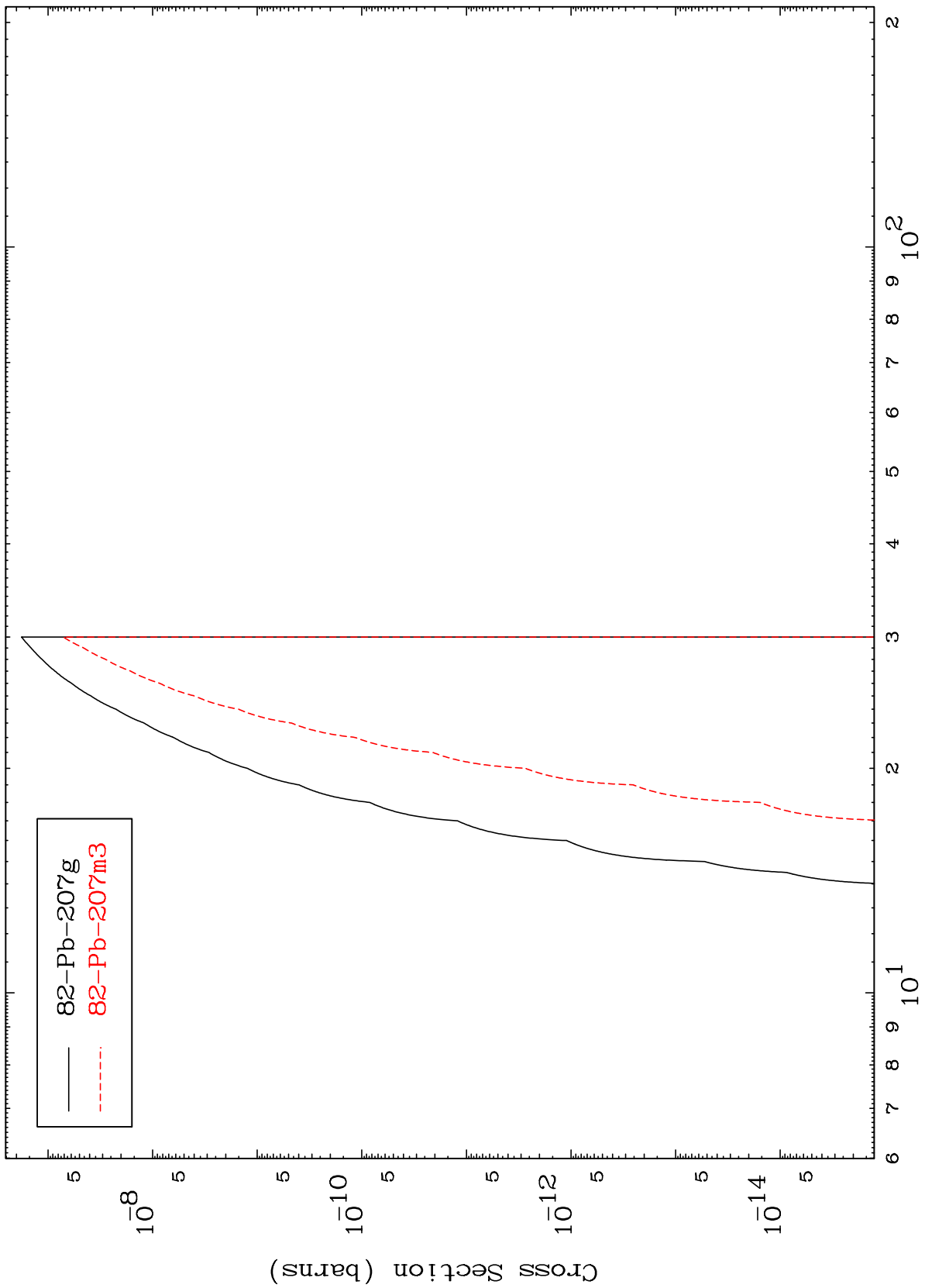
84-Po-209

MAT 8434

(n,p) d

84-Po-209

Radionuclide Production Cross Section



82-Pb-207g  
82-Pb-207m3

145

Incident Energy (MeV)

84-Po-209