

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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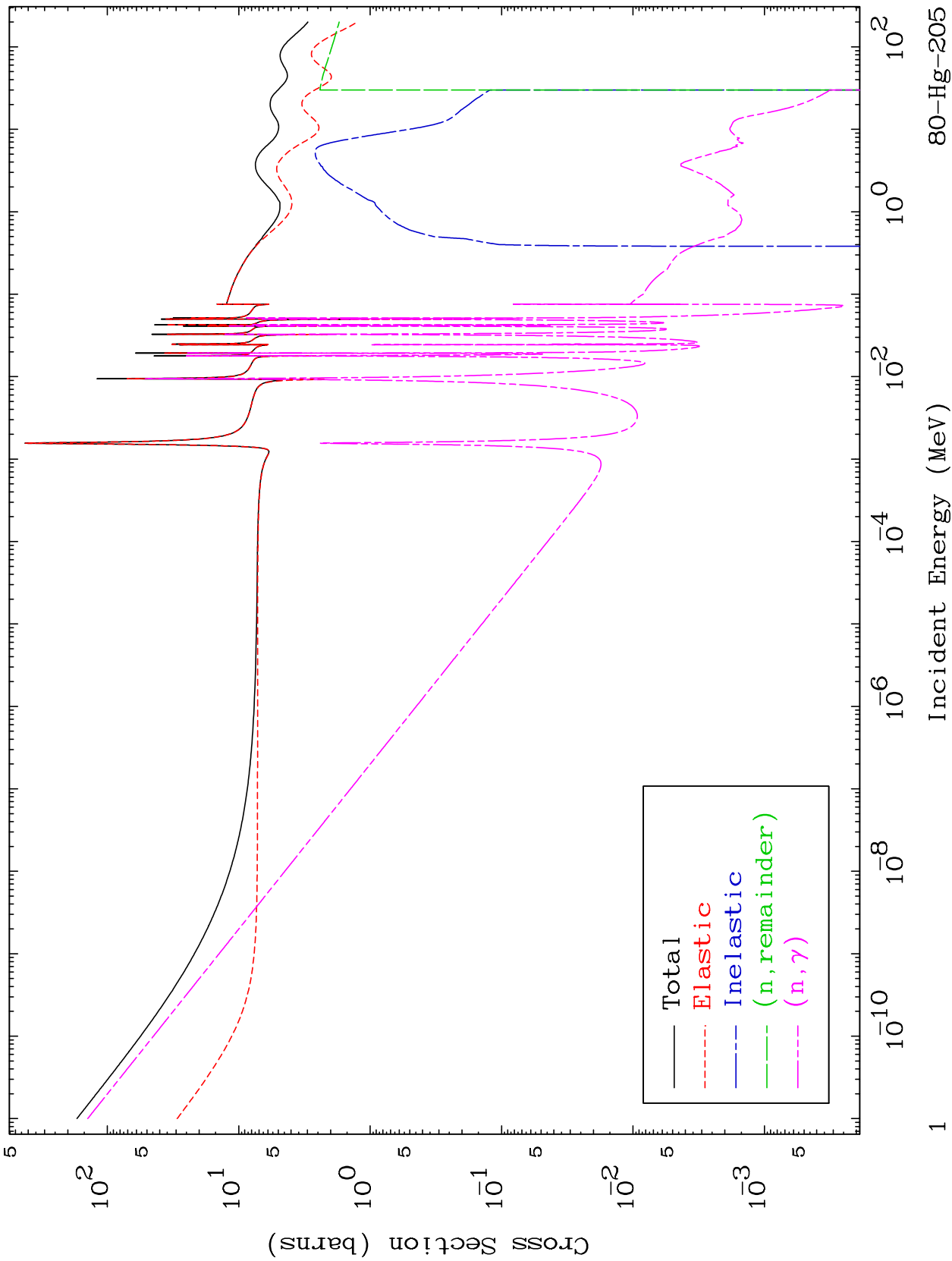
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8052

Major  
293 Kelvin Cross Sections

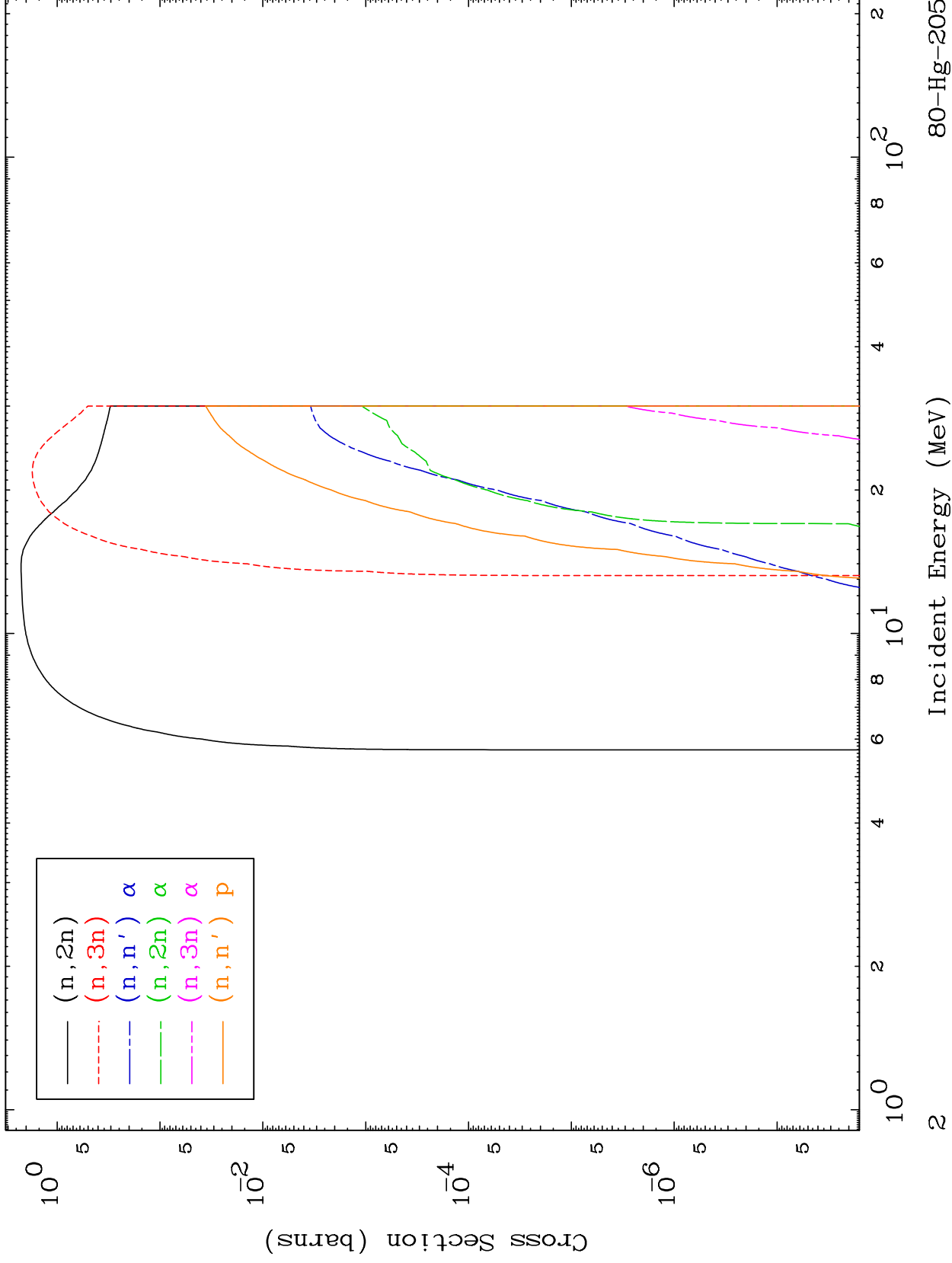
80-Hg-205



MAT 8052

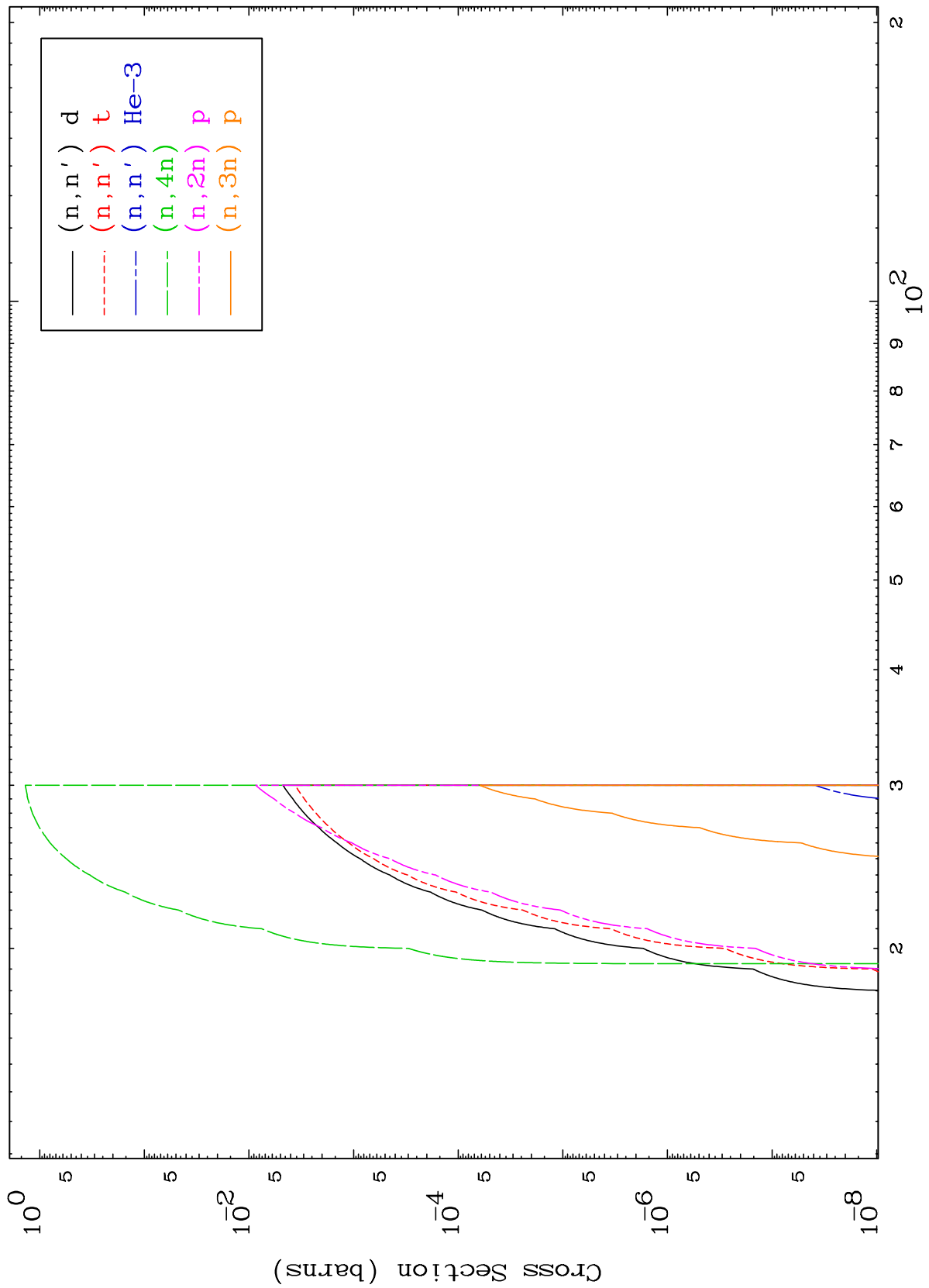
Neutron Production  
293 Kelvin Cross Sections

80-Hg-205



80-Hg-205

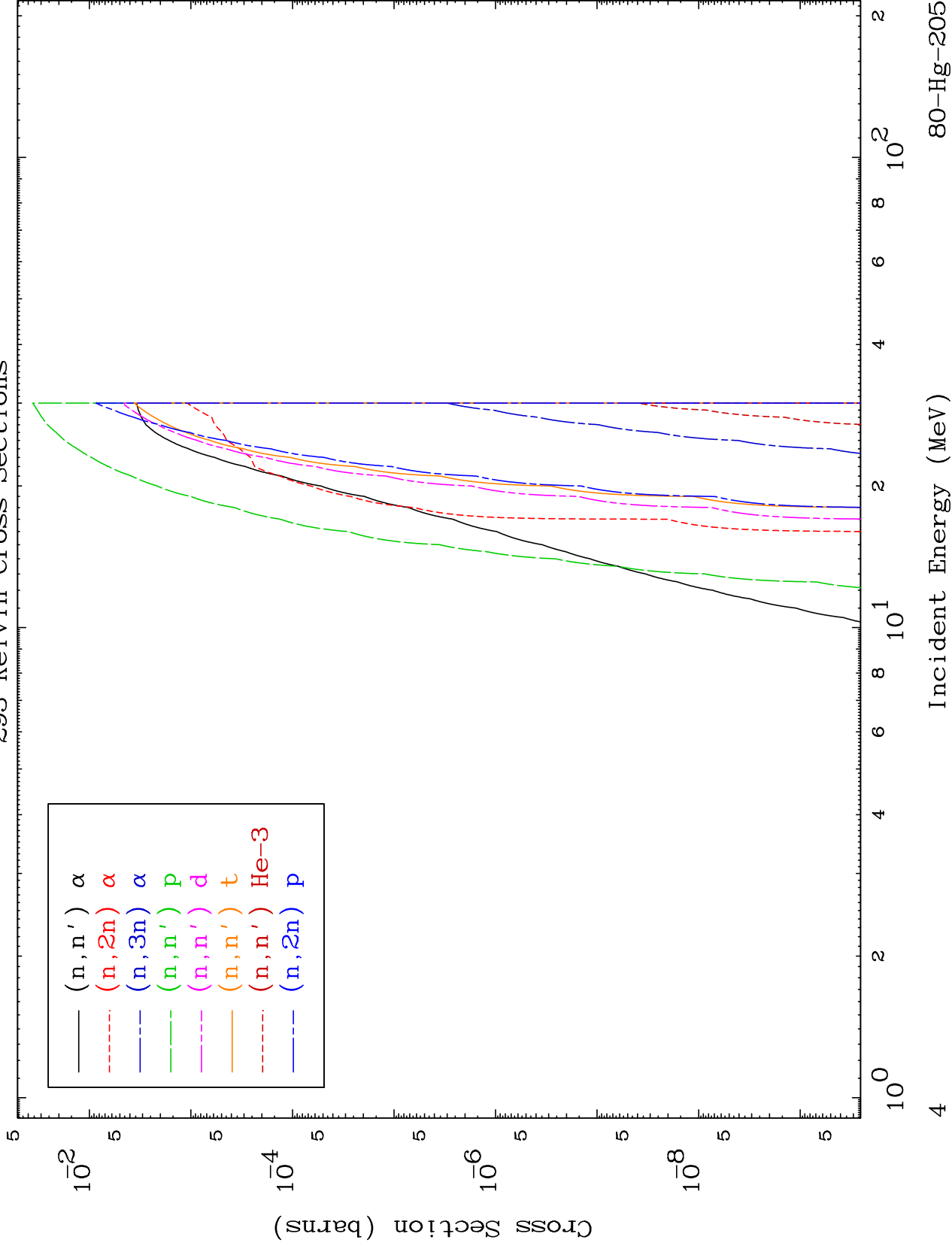
Incident Energy (MeV)



MAT 8052

Charged Particle  
293 Kelvin Cross Sections

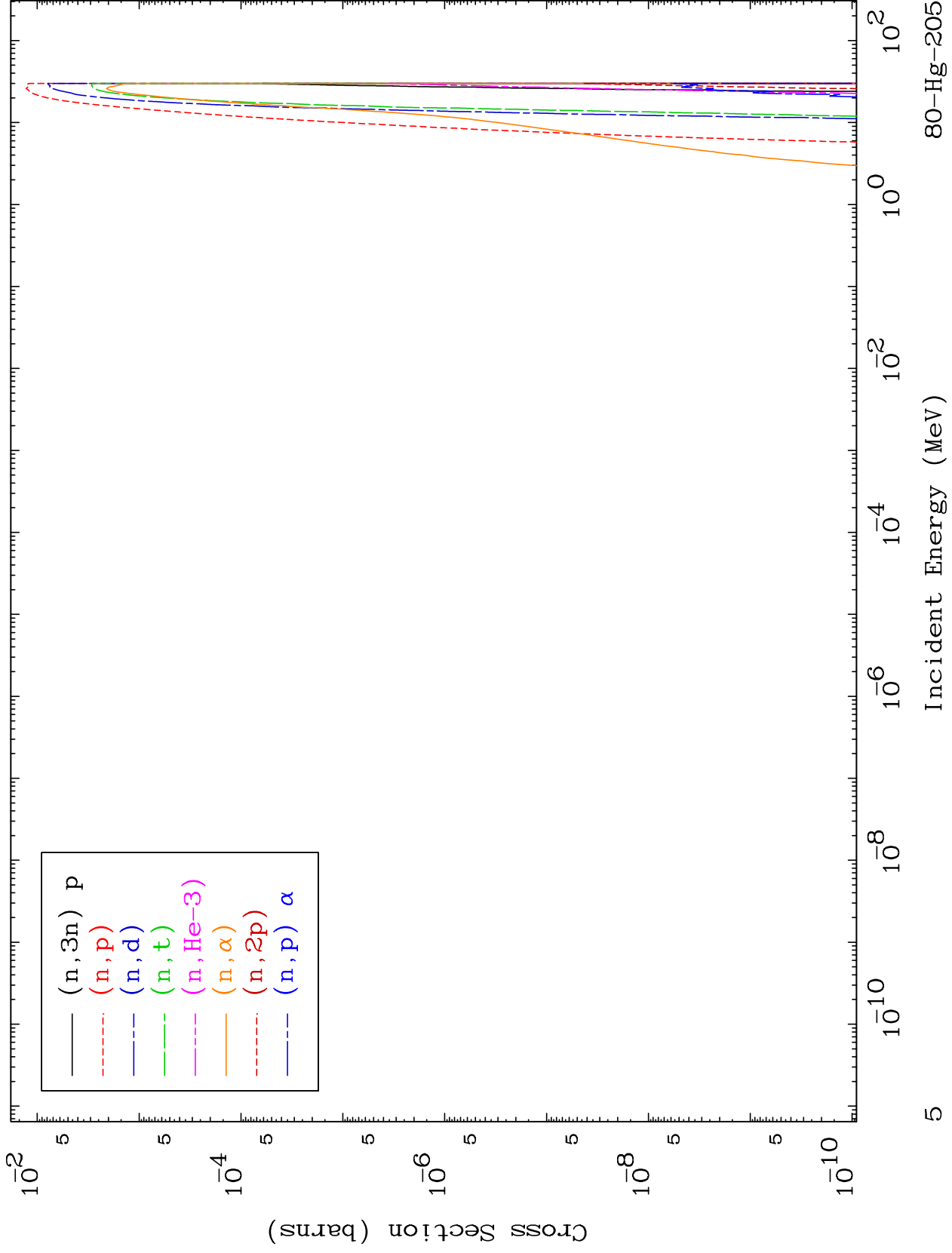
80-Hg-205



MAT 8052

Charged Particle  
293 Kelvin Cross Sections

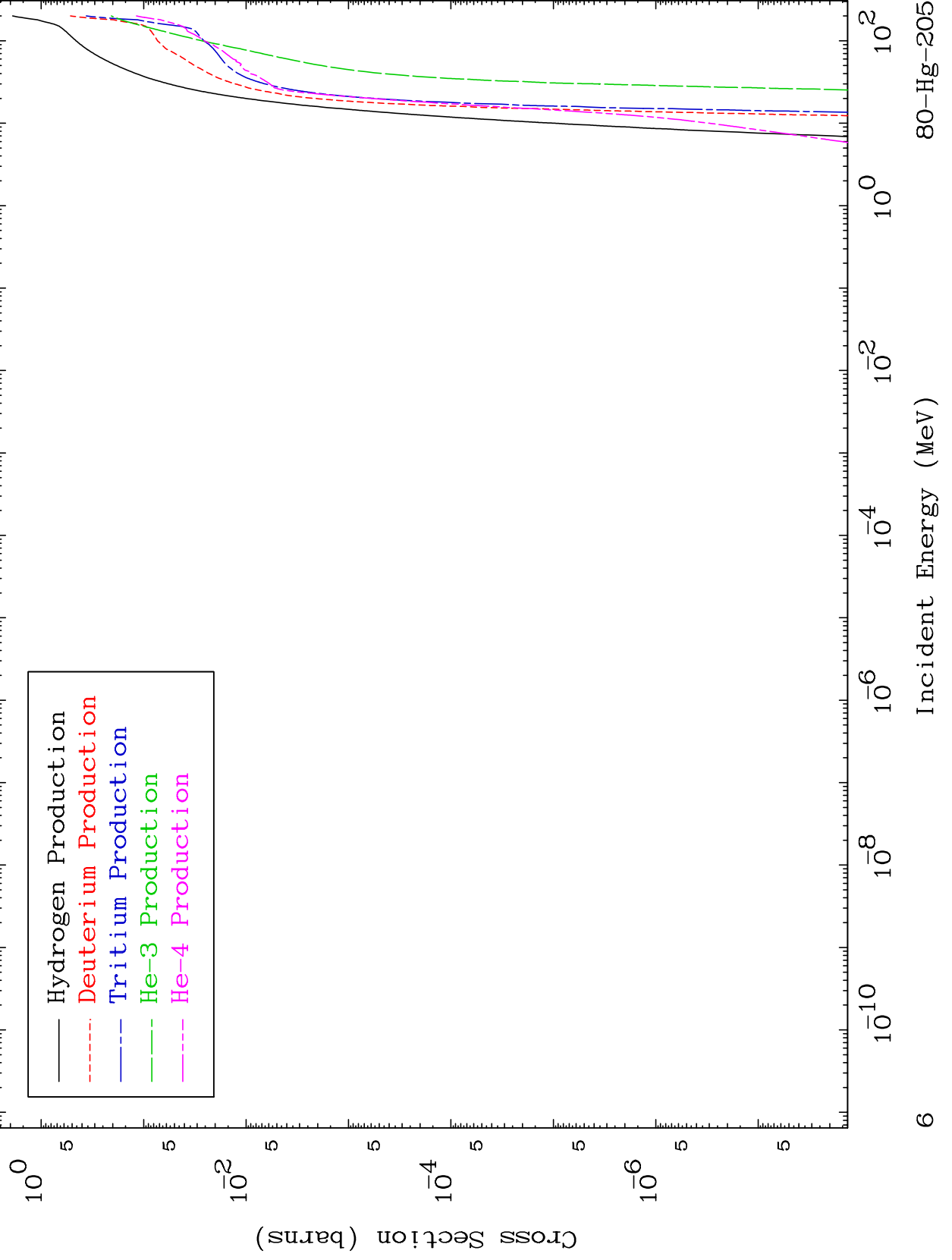
80-Hg-205



MAT 8052

Particle Production  
293 Kelvin Cross Sections

80-Hg-205

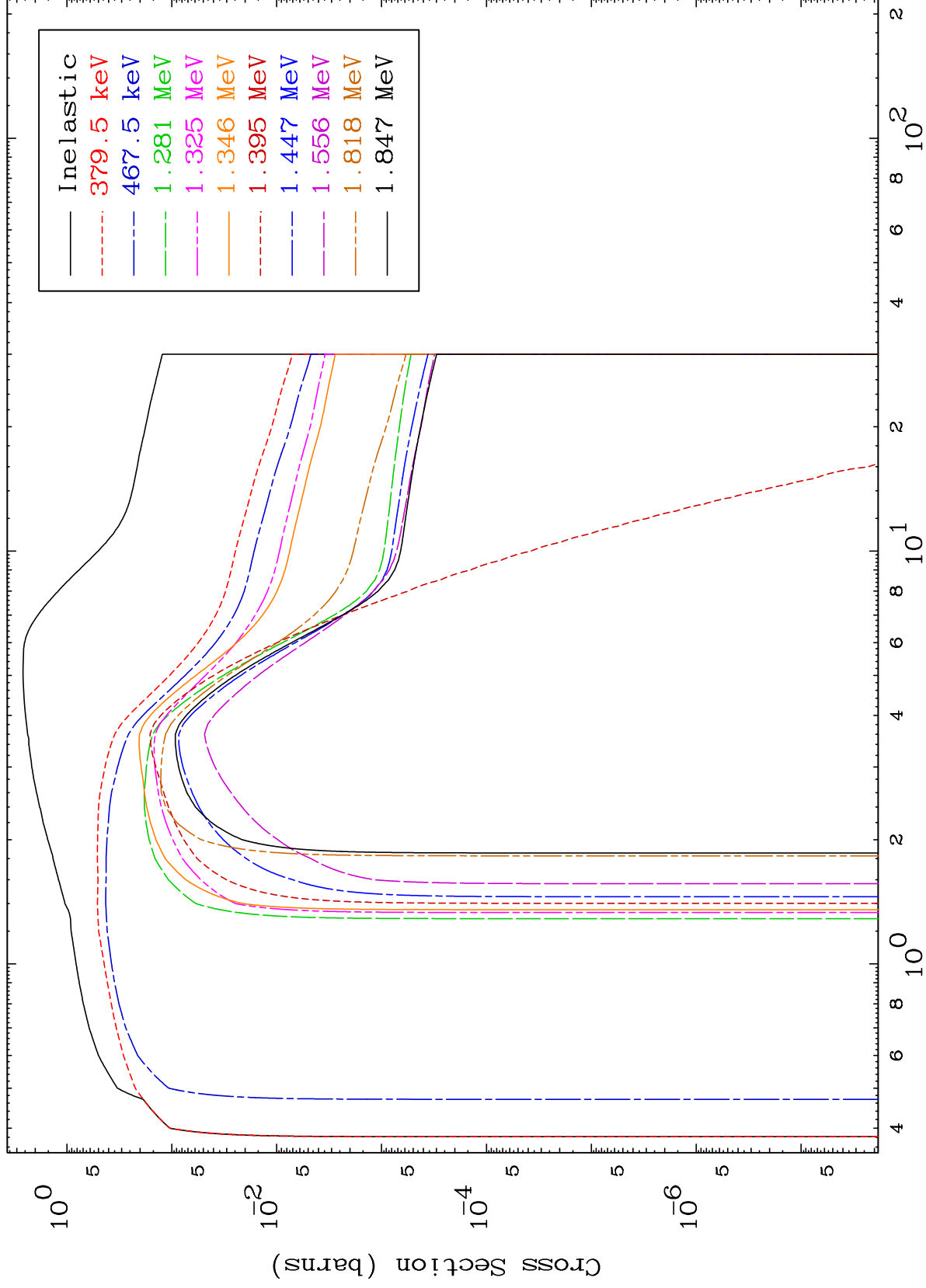


MAT 8052

(n,n') Level

80-Hg-205

293 Kelvin Cross Sections



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Incident Energy (MeV)

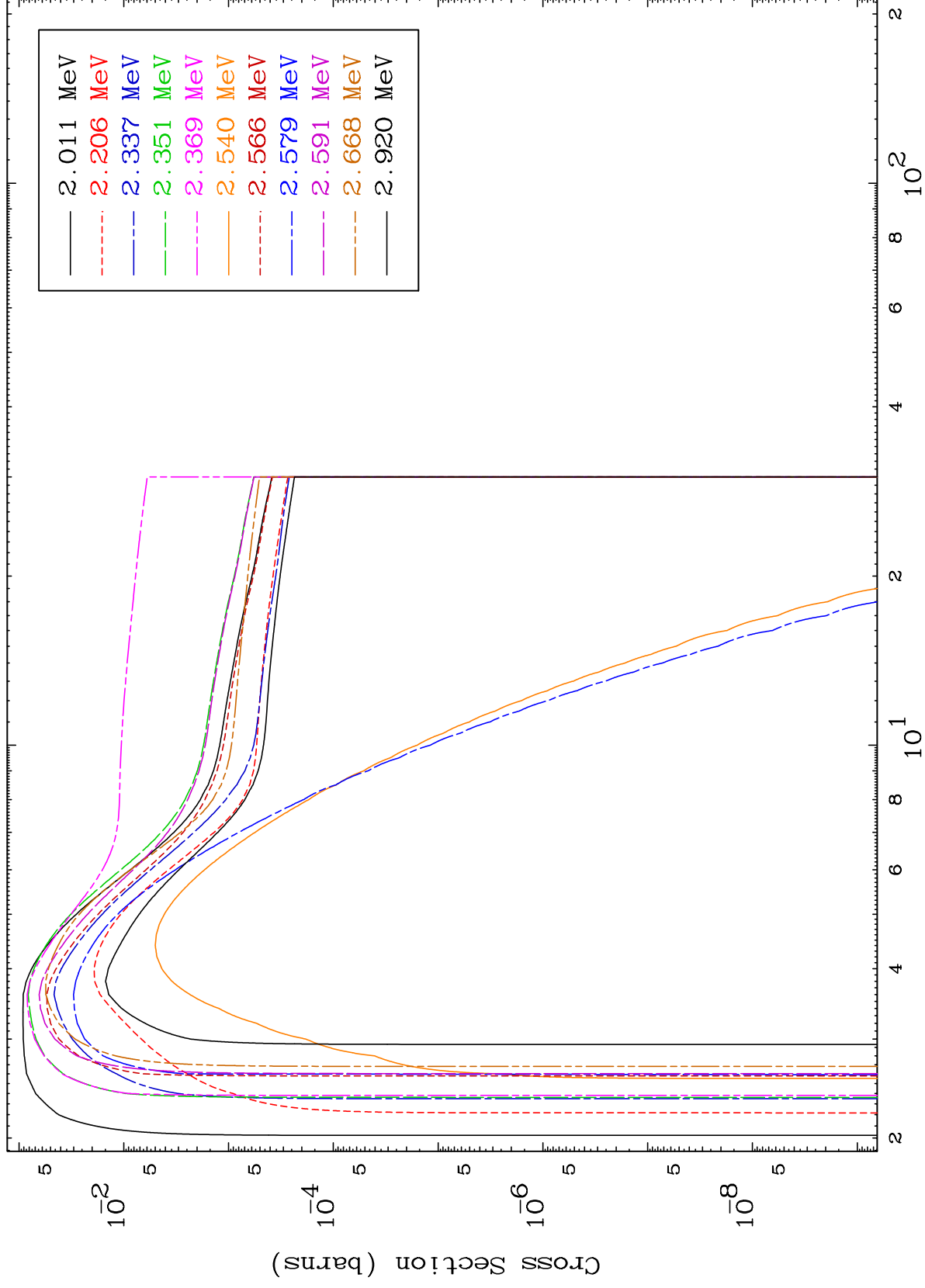
80-Hg-205



MAT 8052

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-205



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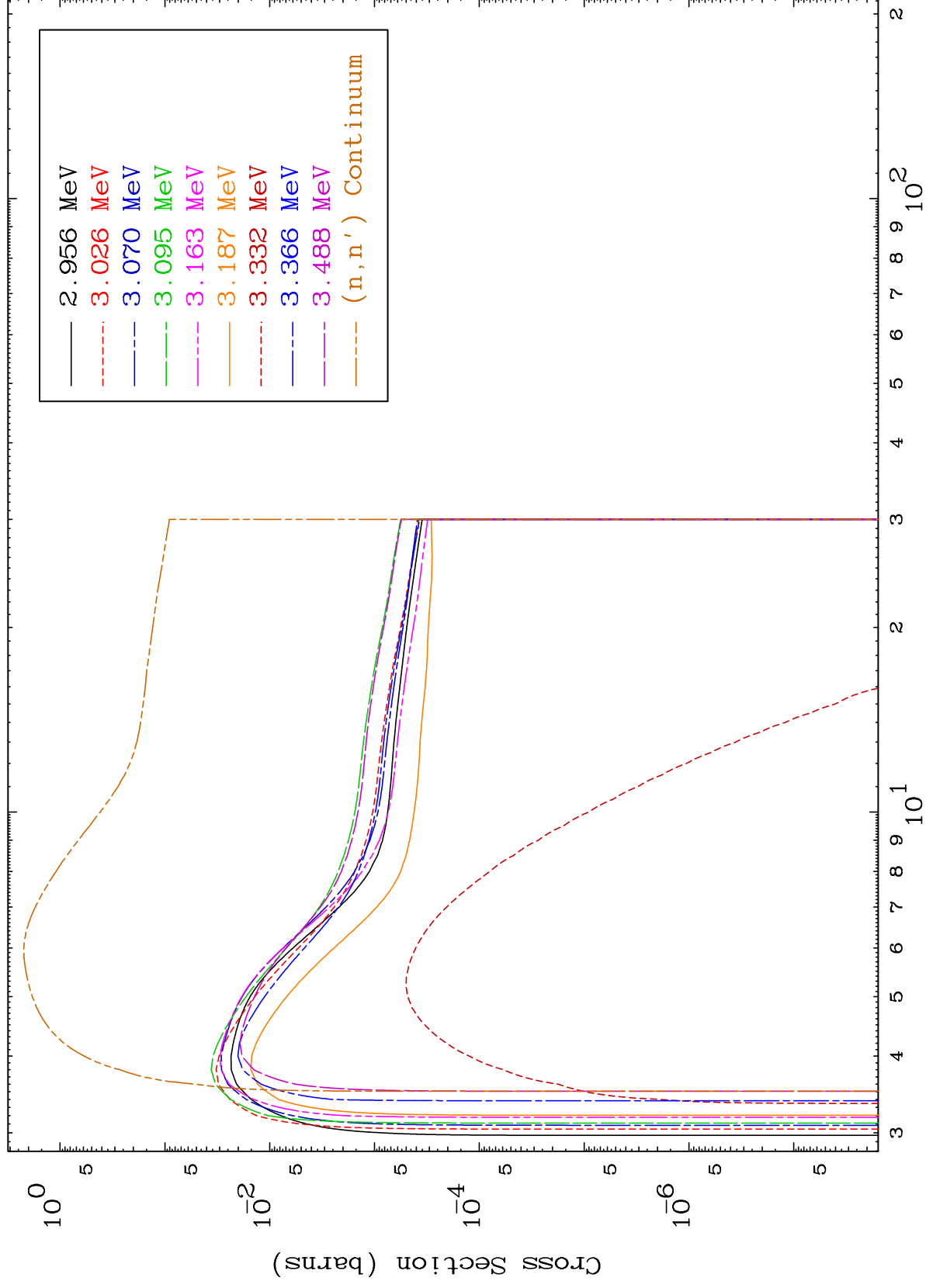
Incident Energy (MeV)

80-Hg-205

MAT 8052

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-205



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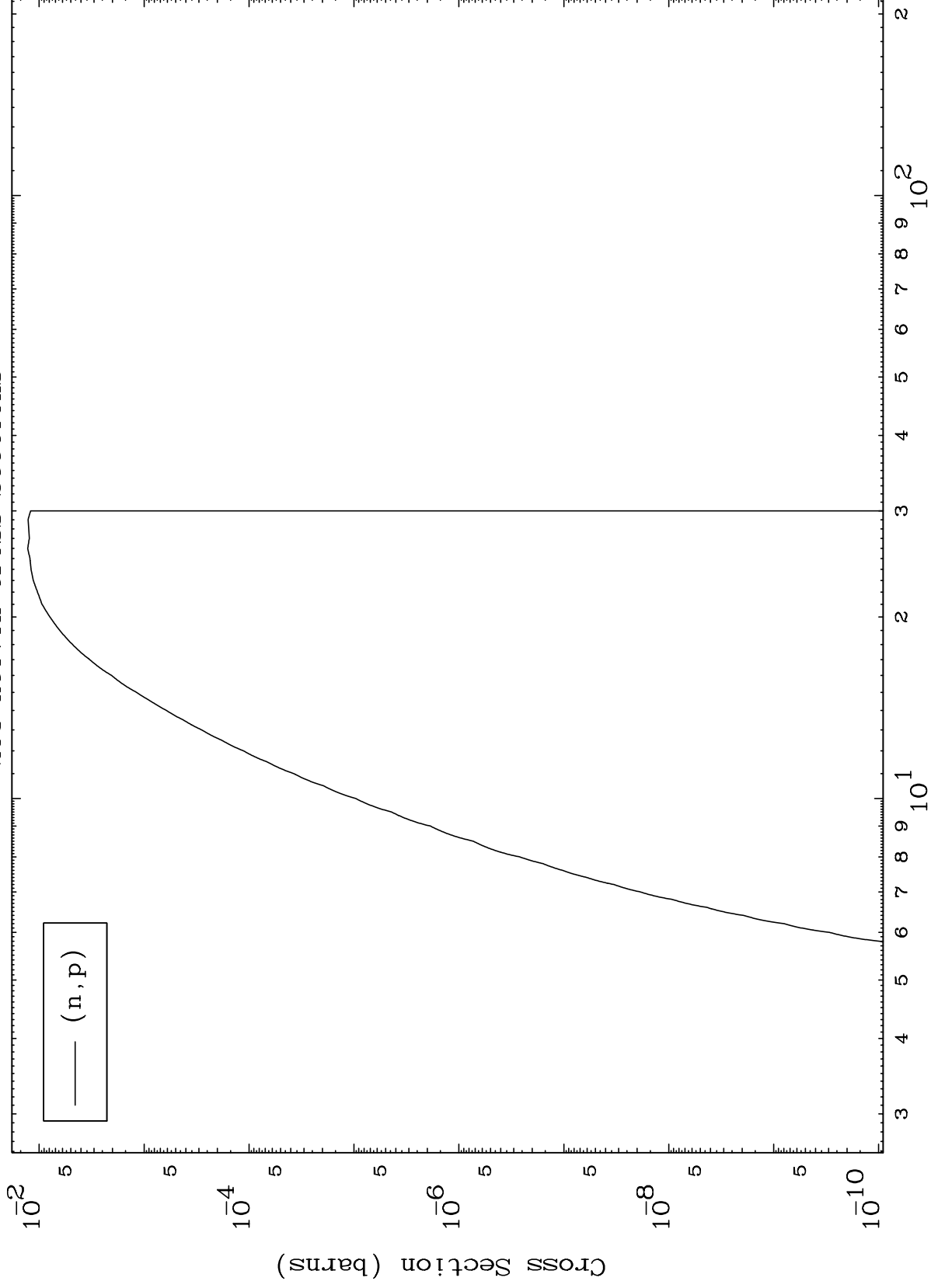
Incident Energy (MeV)

80-Hg-205

MAT 8052

(n,p) Levels  
293 Kelvin Cross Sections

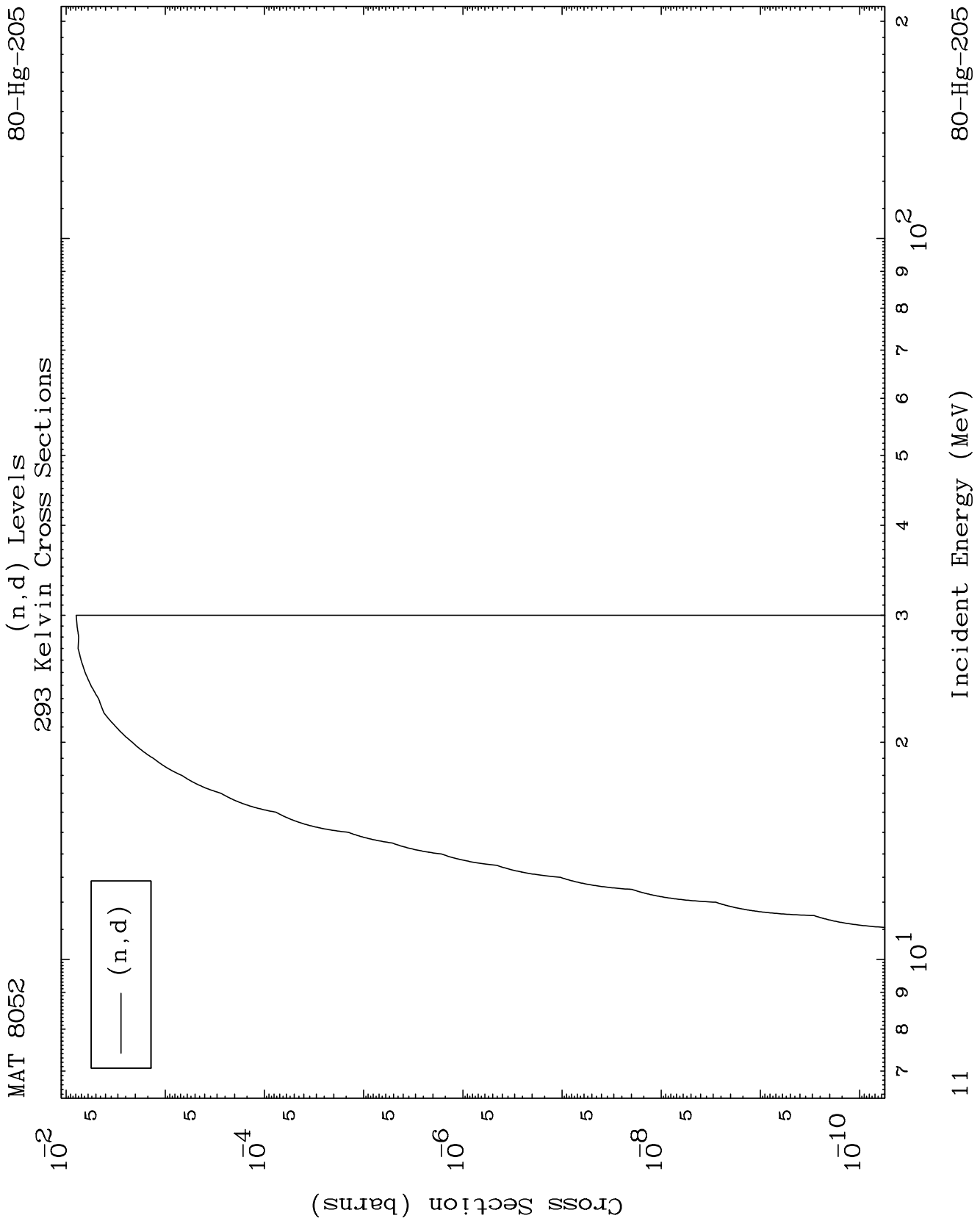
80-Hg-205



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Incident Energy (MeV)

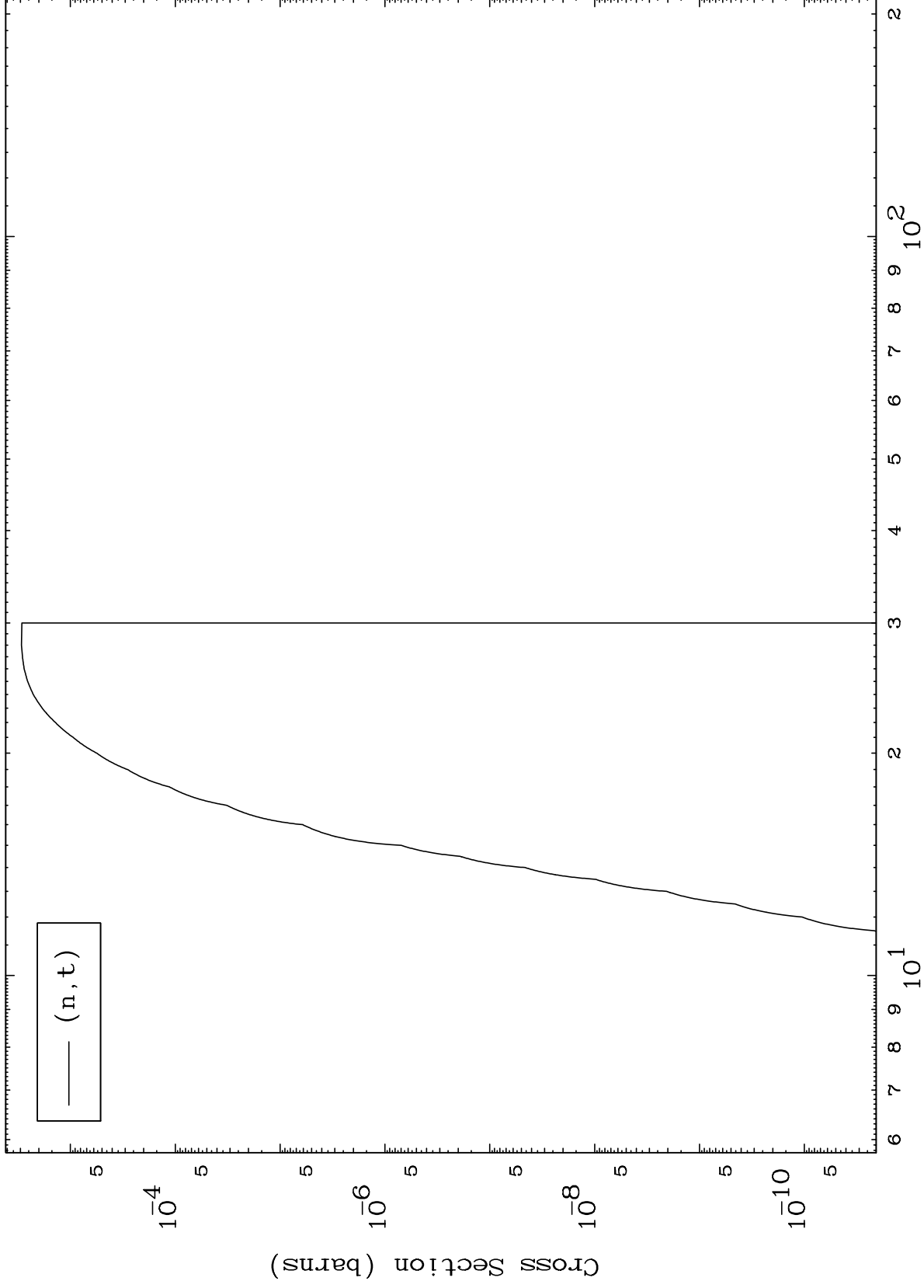
80-Hg-205



MAT 8052

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-205



12

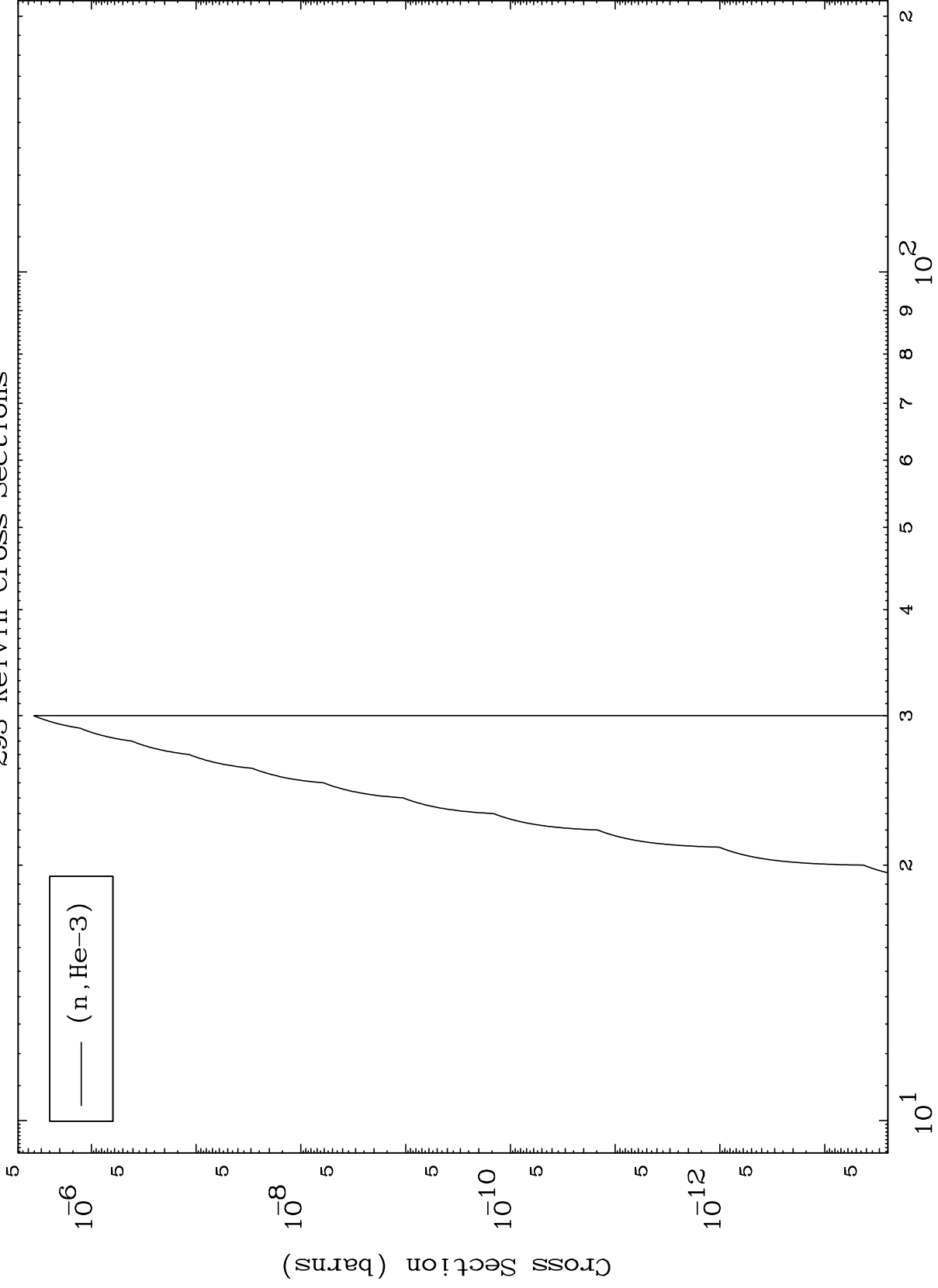
Incident Energy (MeV)

80-Hg-205

MAT 8052

(n,He3) Levels  
293 Kelvin Cross Sections

80-Hg-205



13

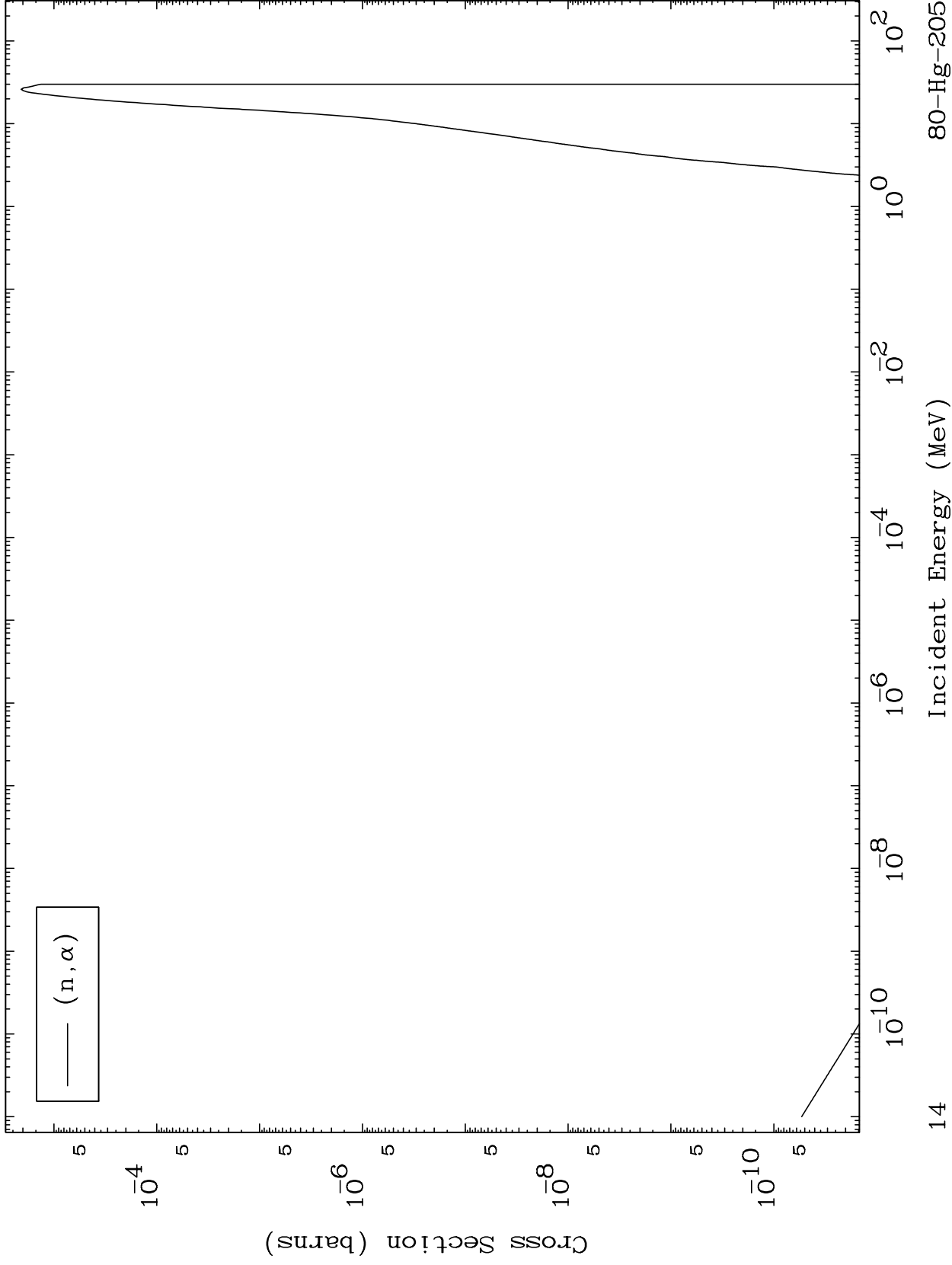
Incident Energy (MeV)

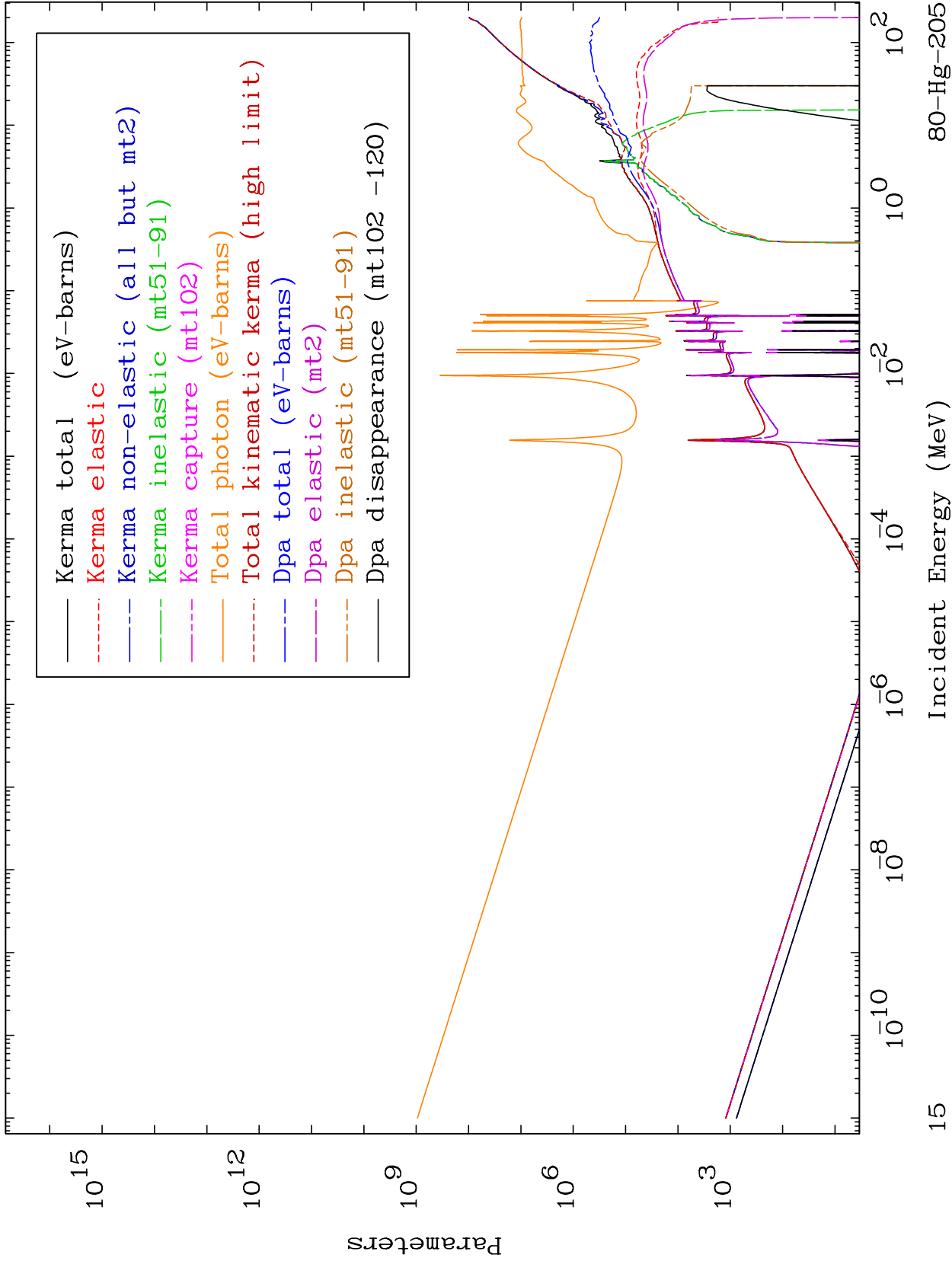
80-Hg-205

MAT 8052

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

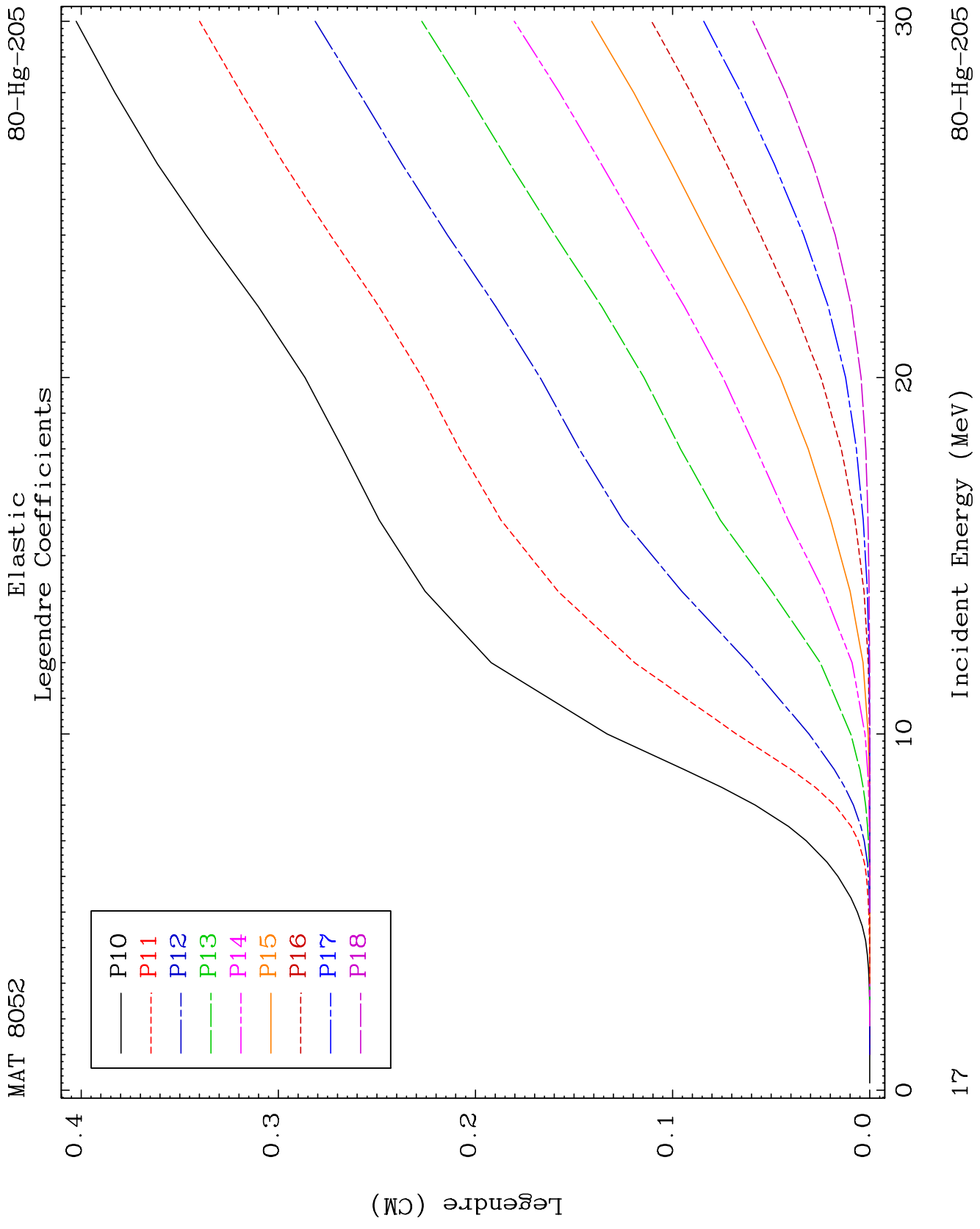
80-Hg-205







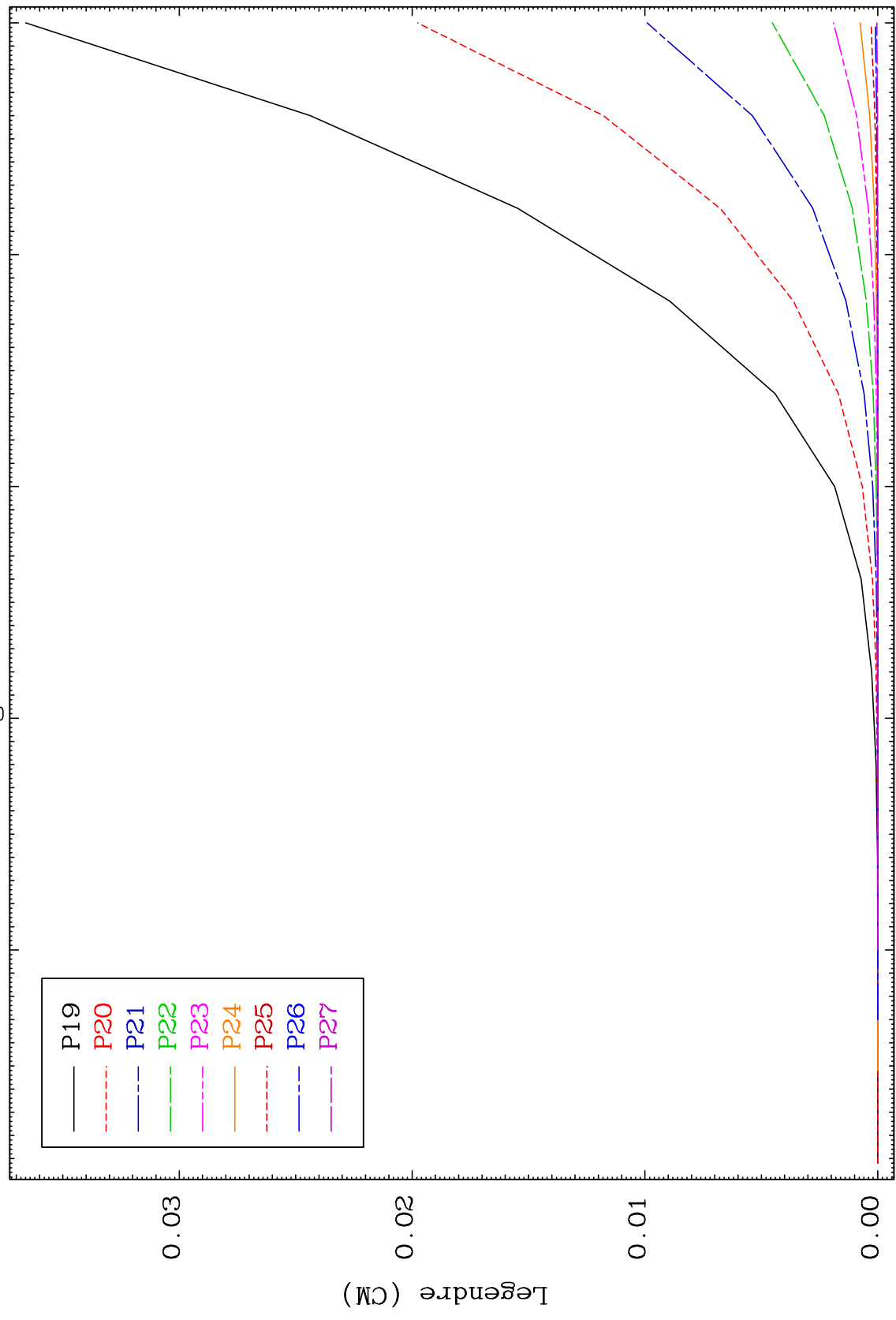




MAT 8052

Elastic Legendre Coefficients

80-Hg-205



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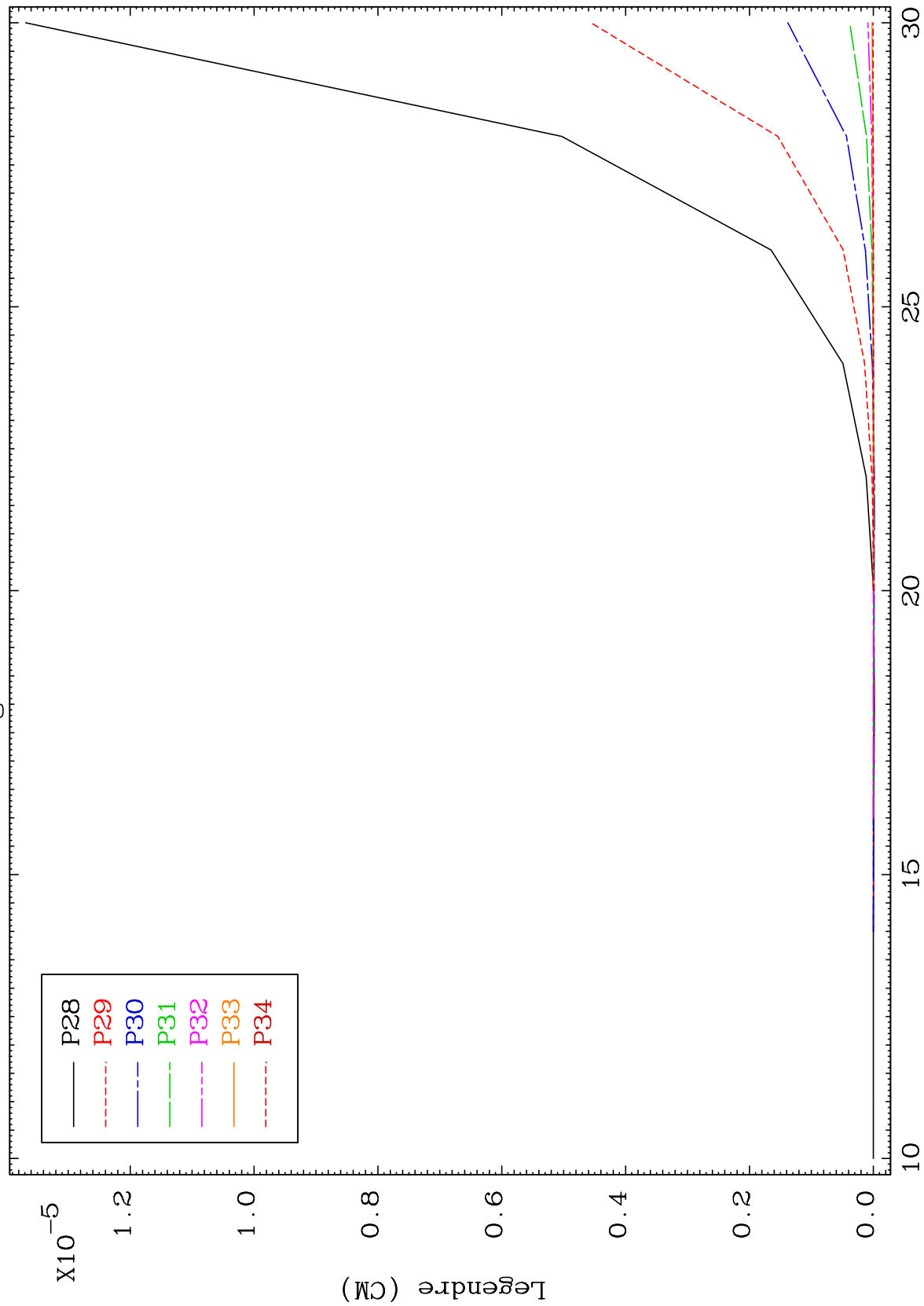
Incident Energy (MeV)

80-Hg-205

MAT 8052

Elastic Legendre Coefficients

80-Hg-205



19

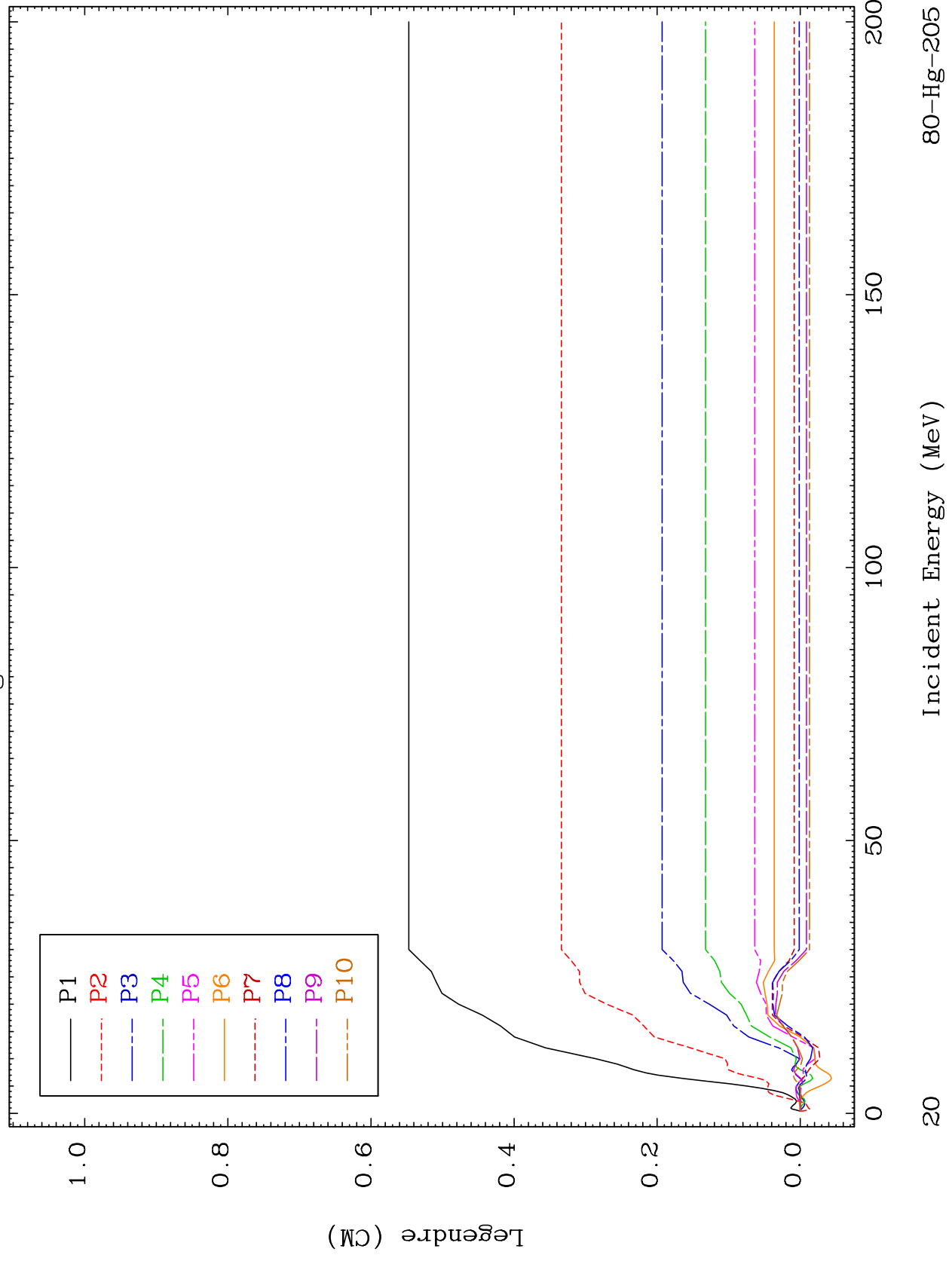
Incident Energy (MeV)

80-Hg-205

MAT 8052

379.5 keV (n,n') Level  
Legendre Coefficients

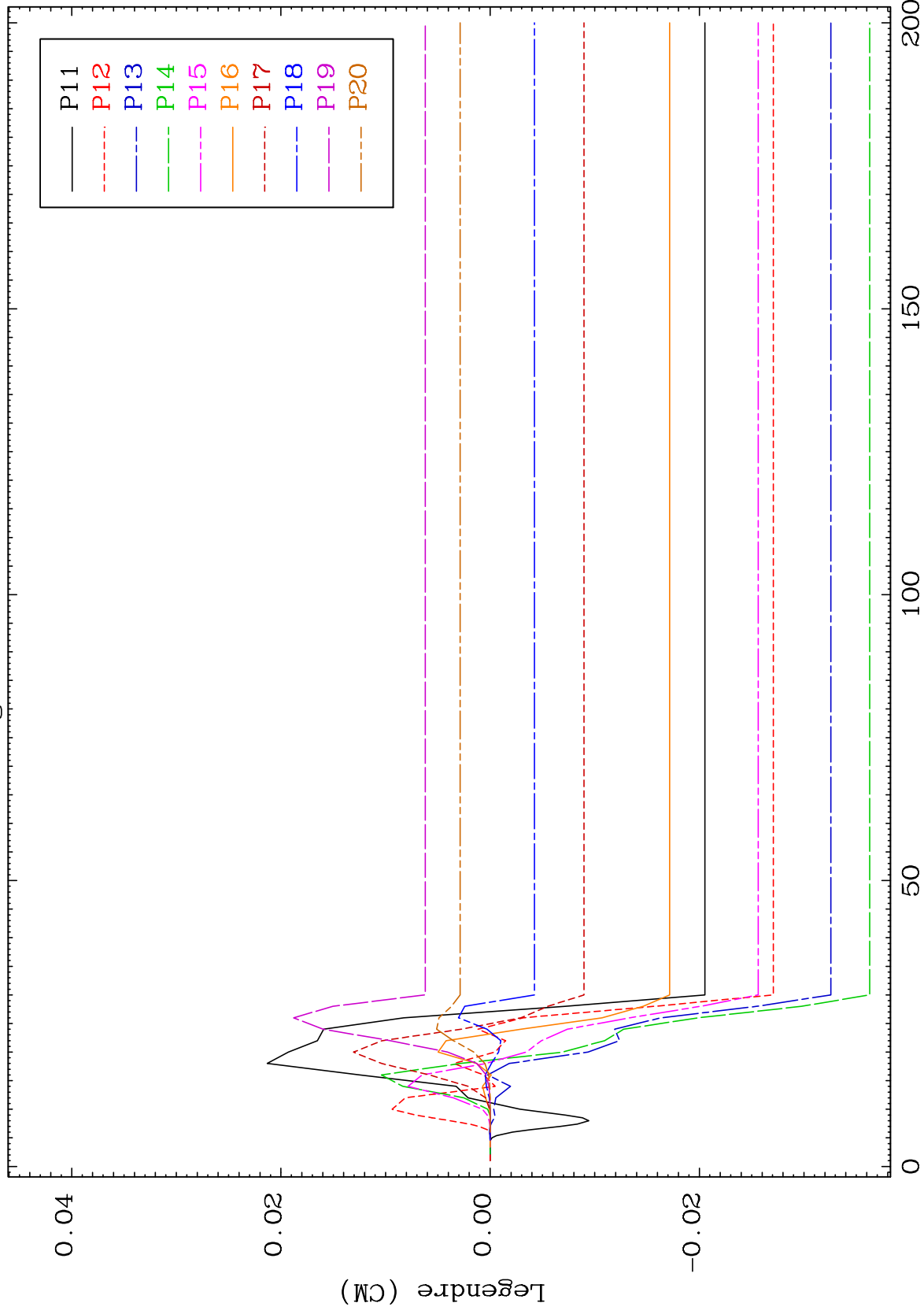
80-Hg-205



MAT 8052

379.5 keV (n,n') Level  
Legendre Coefficients

80-Hg-205



21

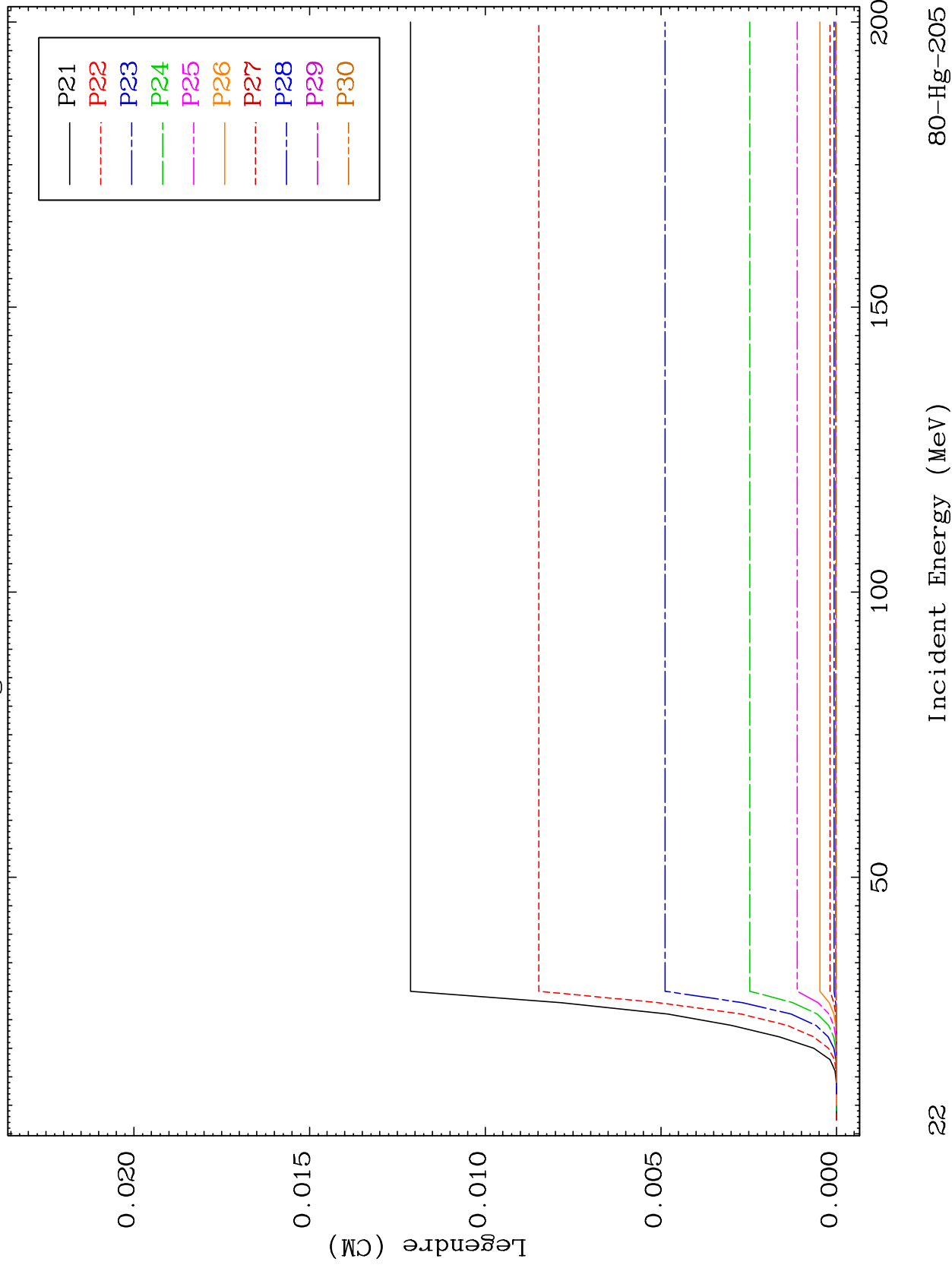
Incident Energy (MeV)

80-Hg-205

MAT 8052

379.5 keV (n,n') Level  
Legendre Coefficients

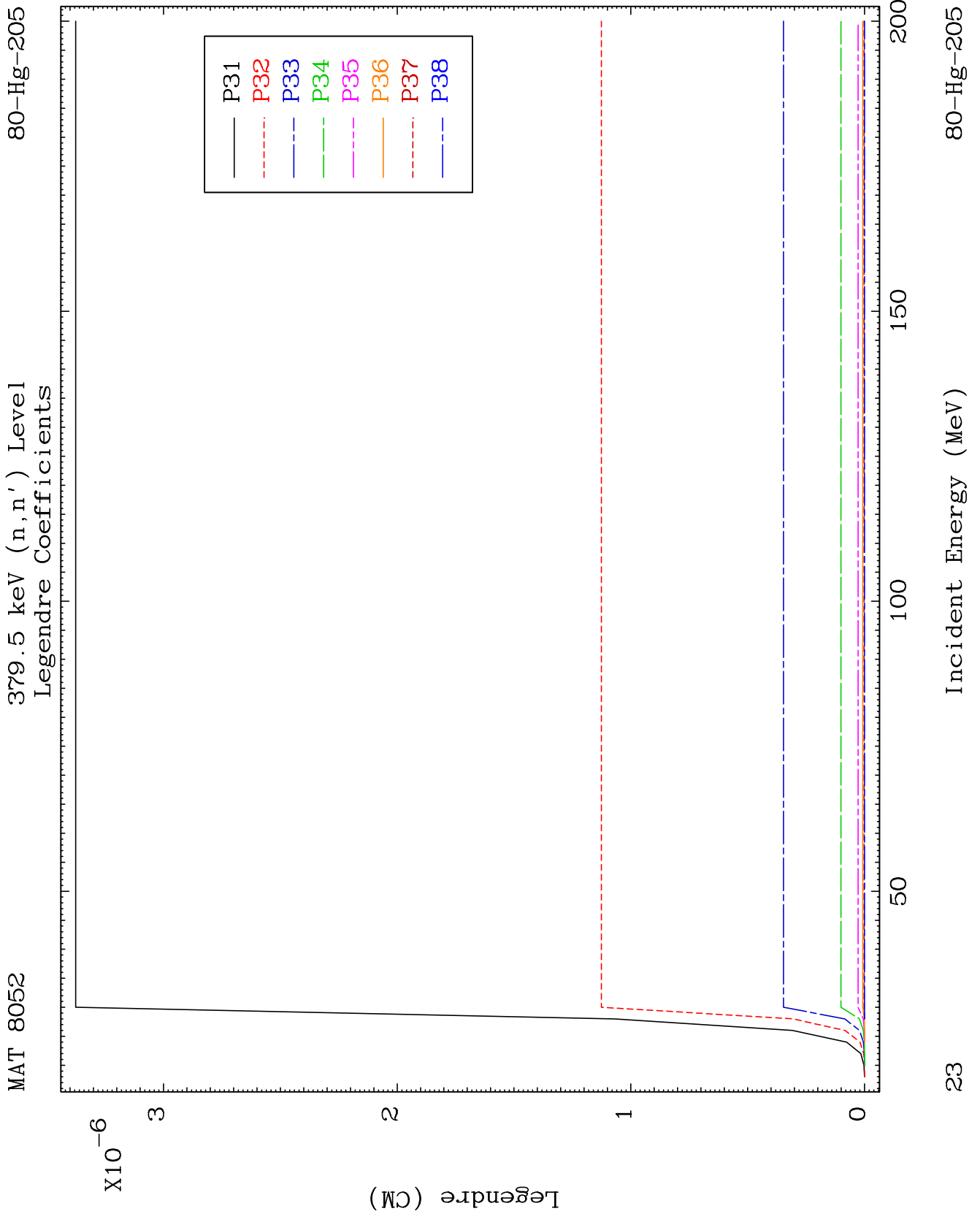
80-Hg-205



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Incident Energy (MeV)

80-Hg-205

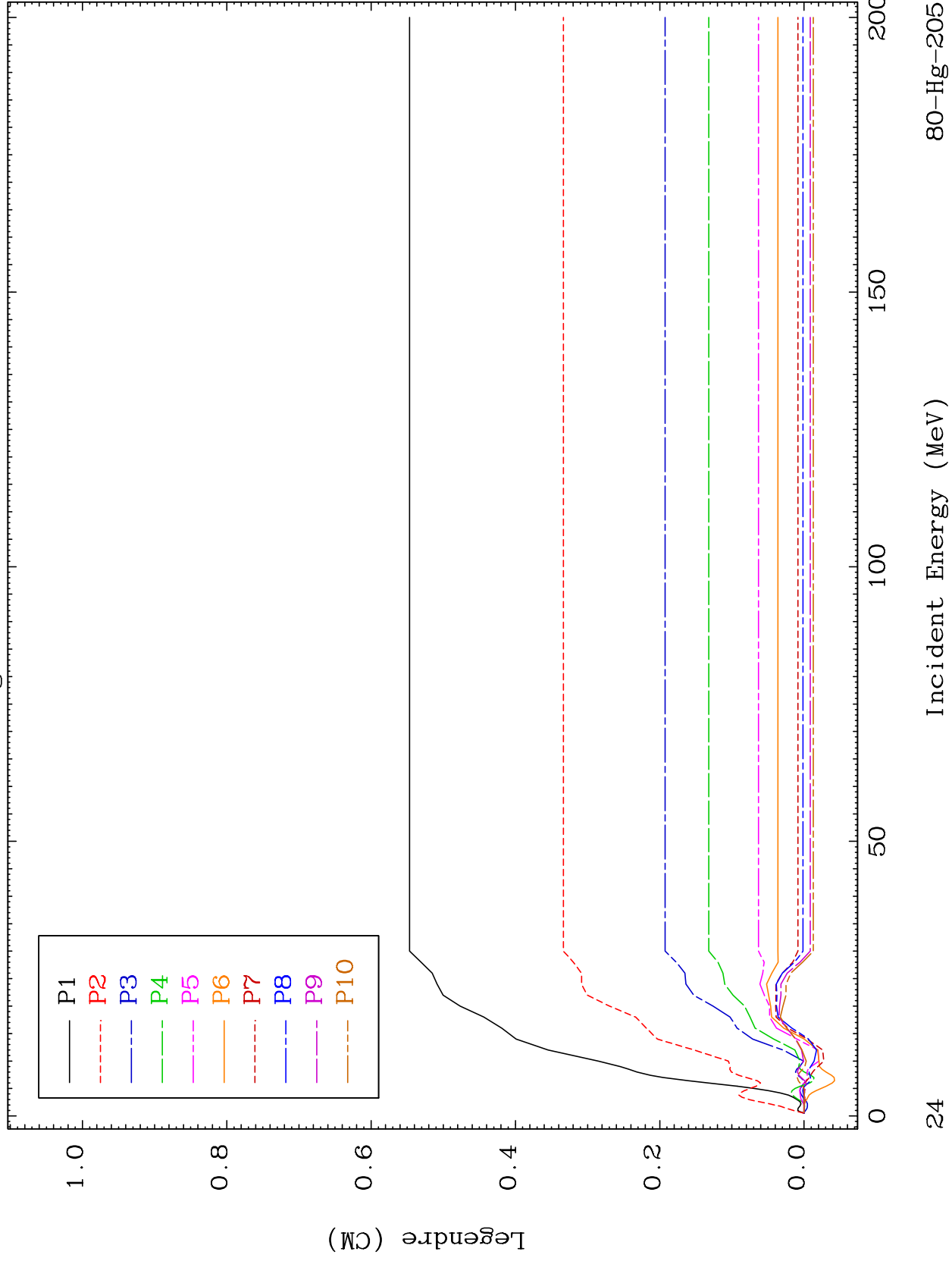




MAT 8052

467.5 keV (n,n') Level  
Legendre Coefficients

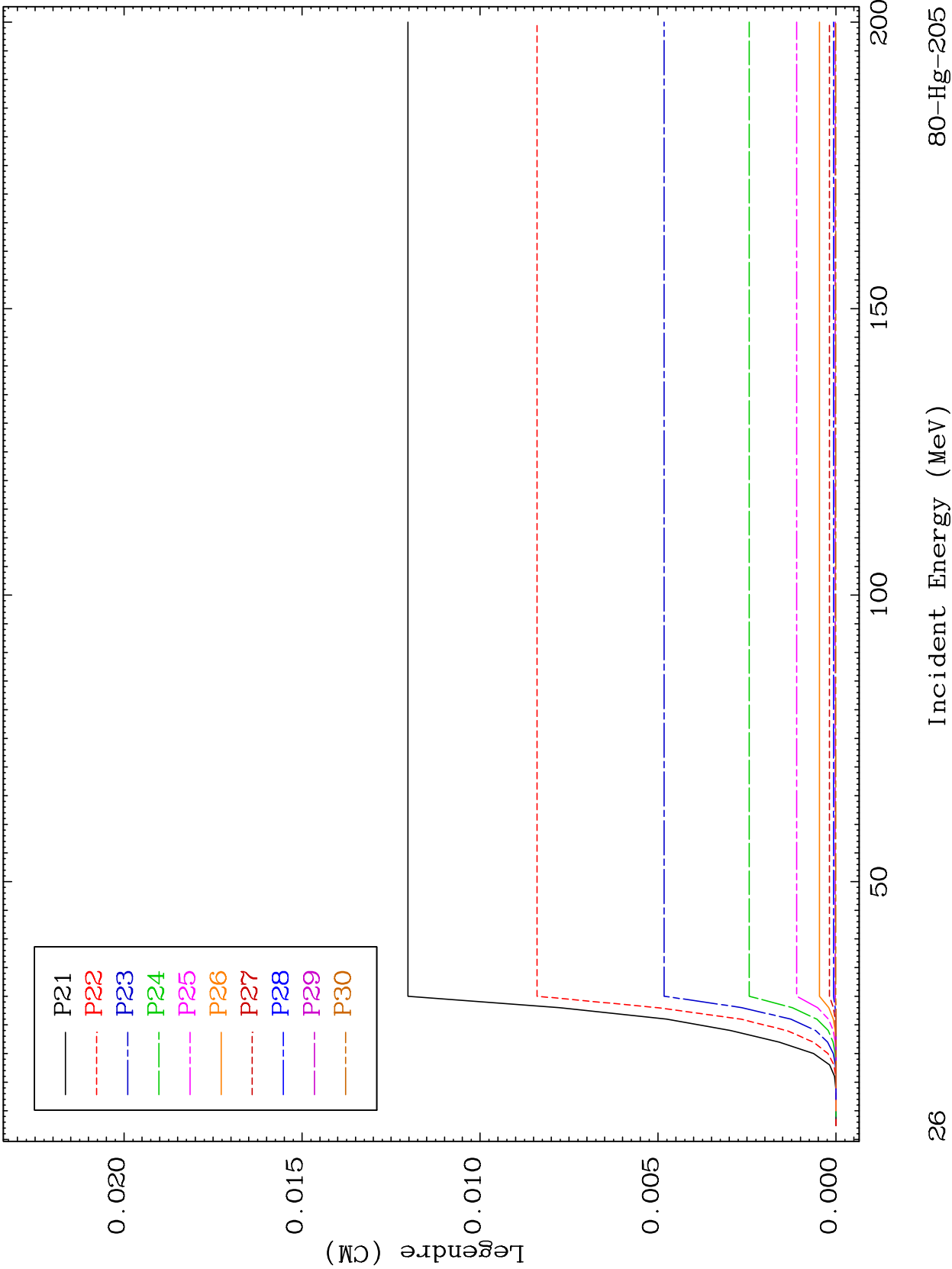
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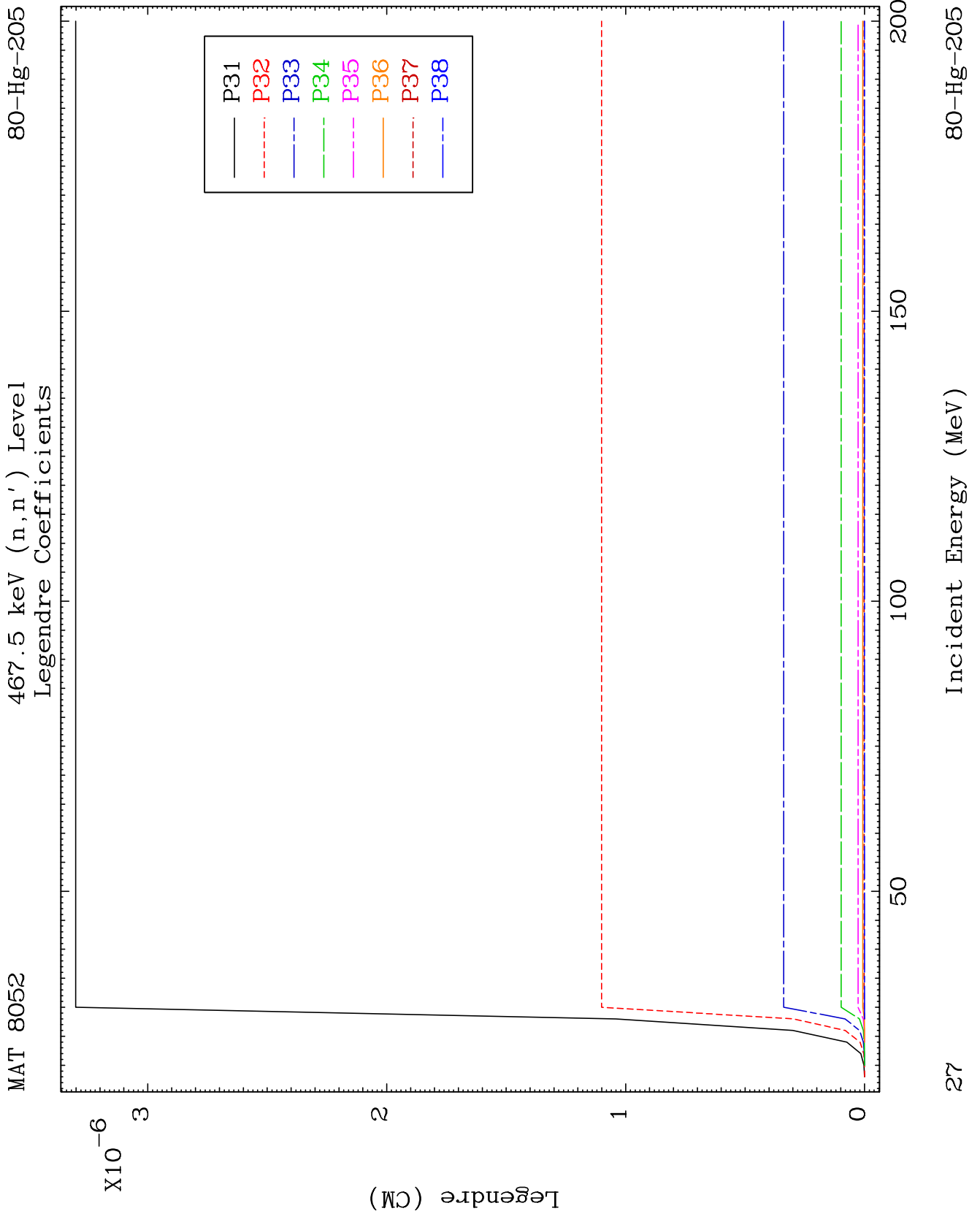


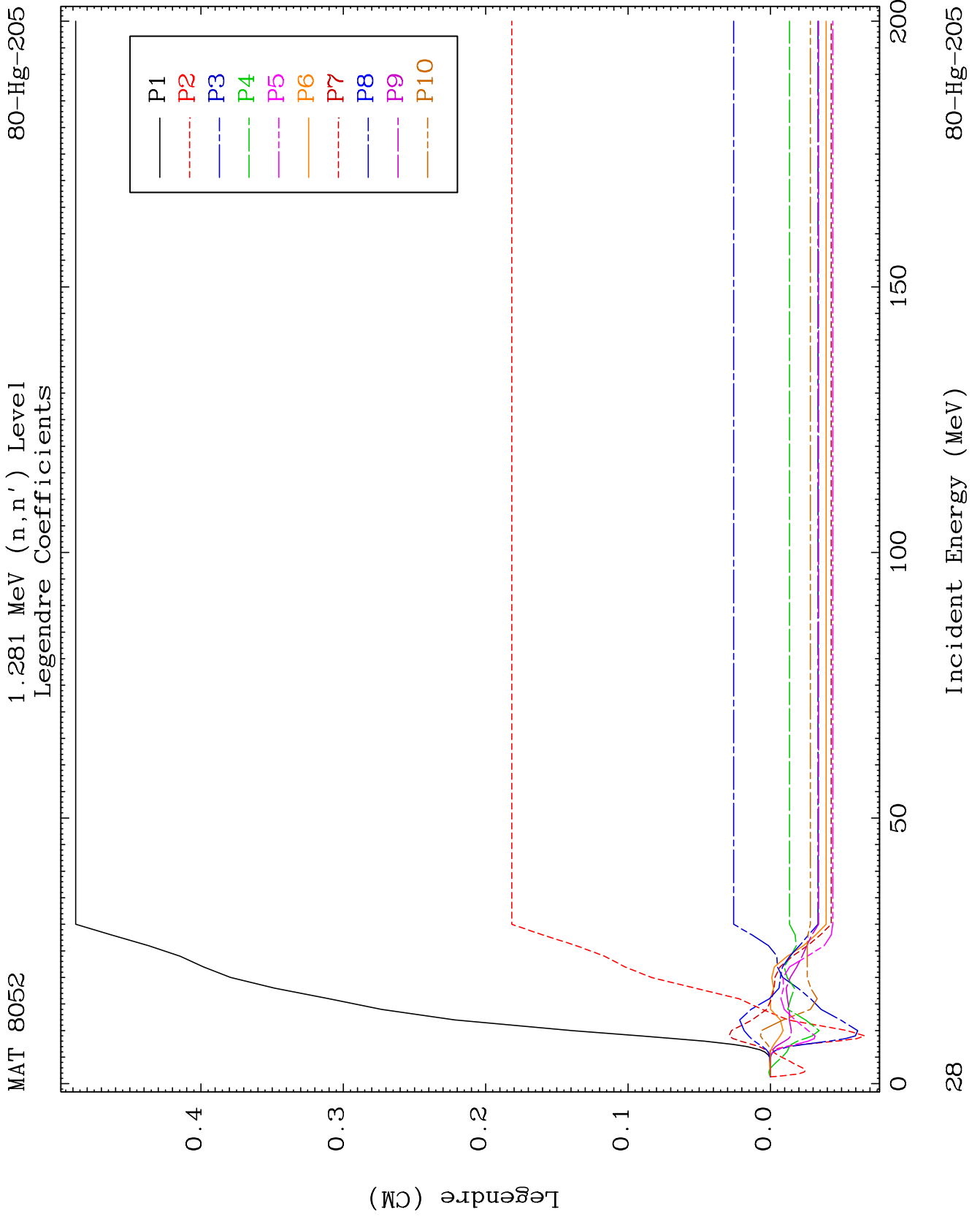
24

80-Hg-205





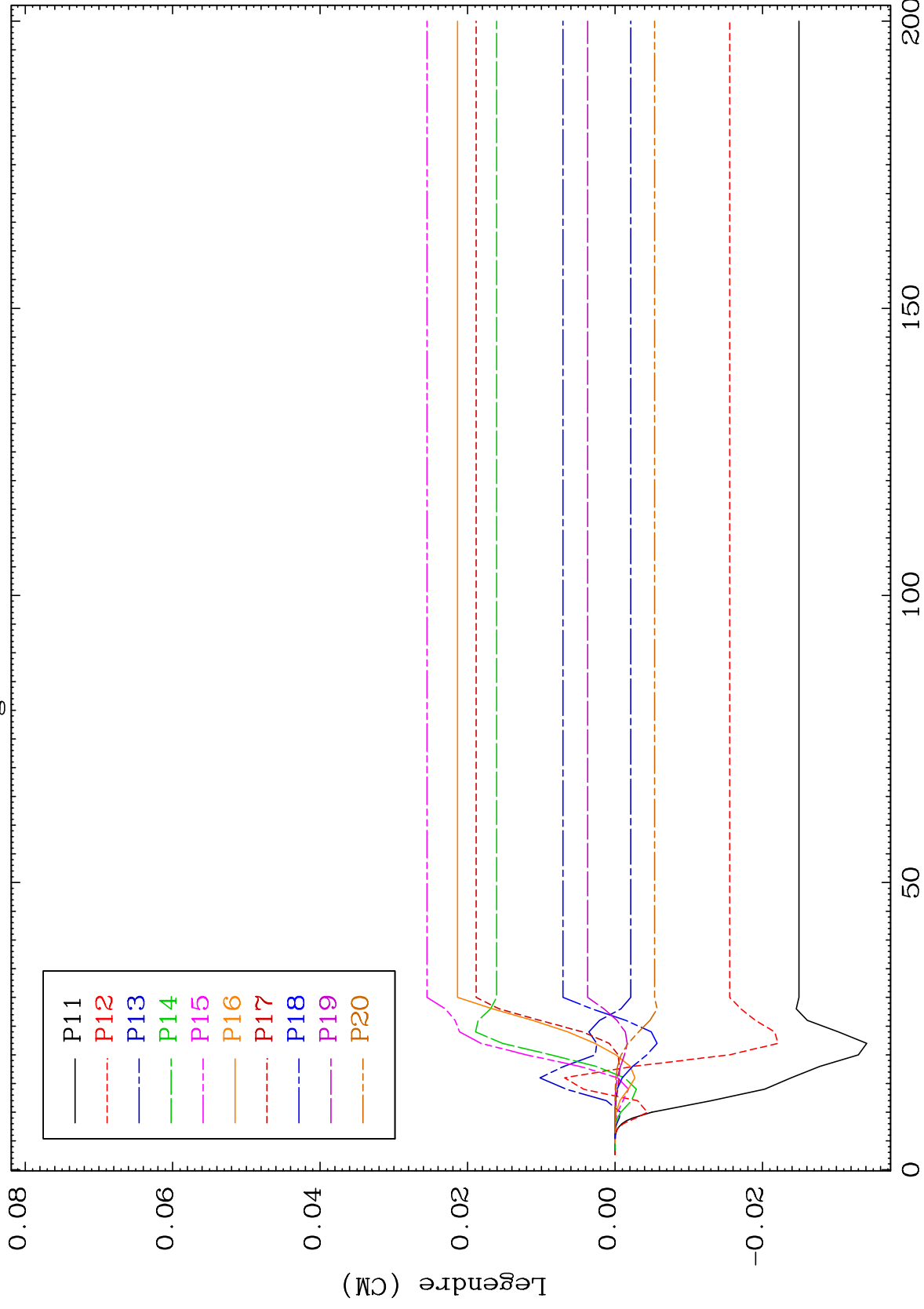




MAT 8052

1.281 MeV (n,n') Level  
Legendre Coefficients

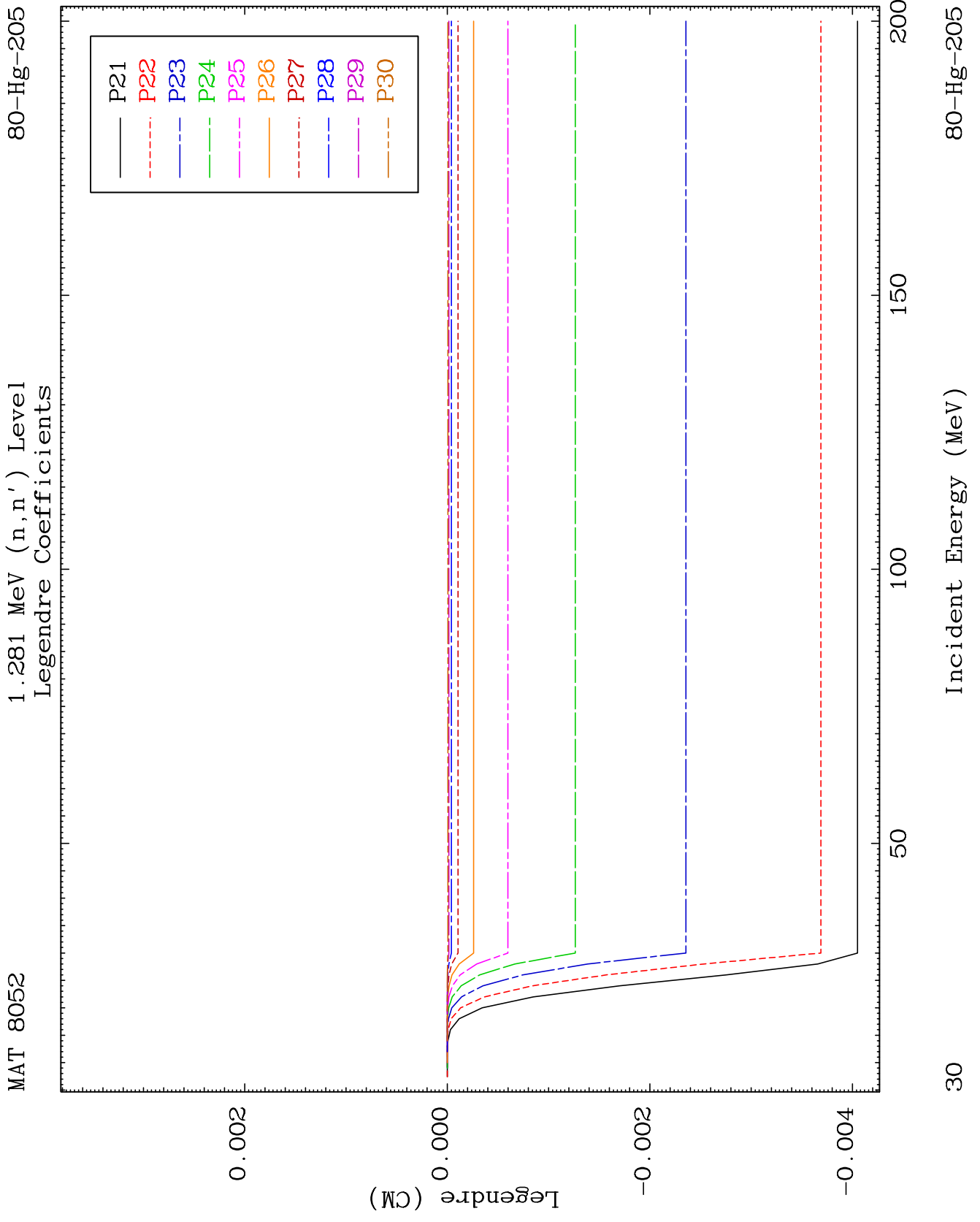
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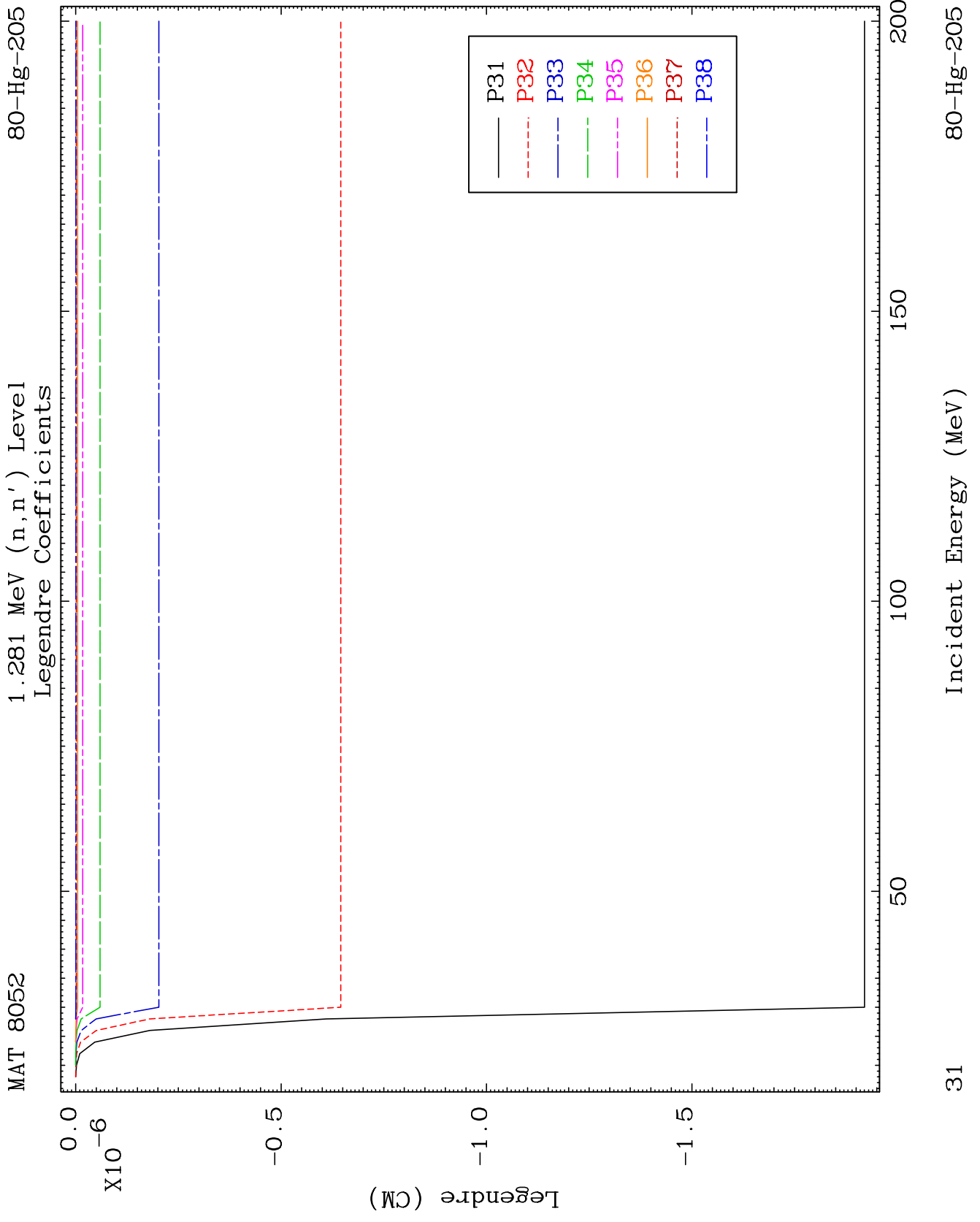


29

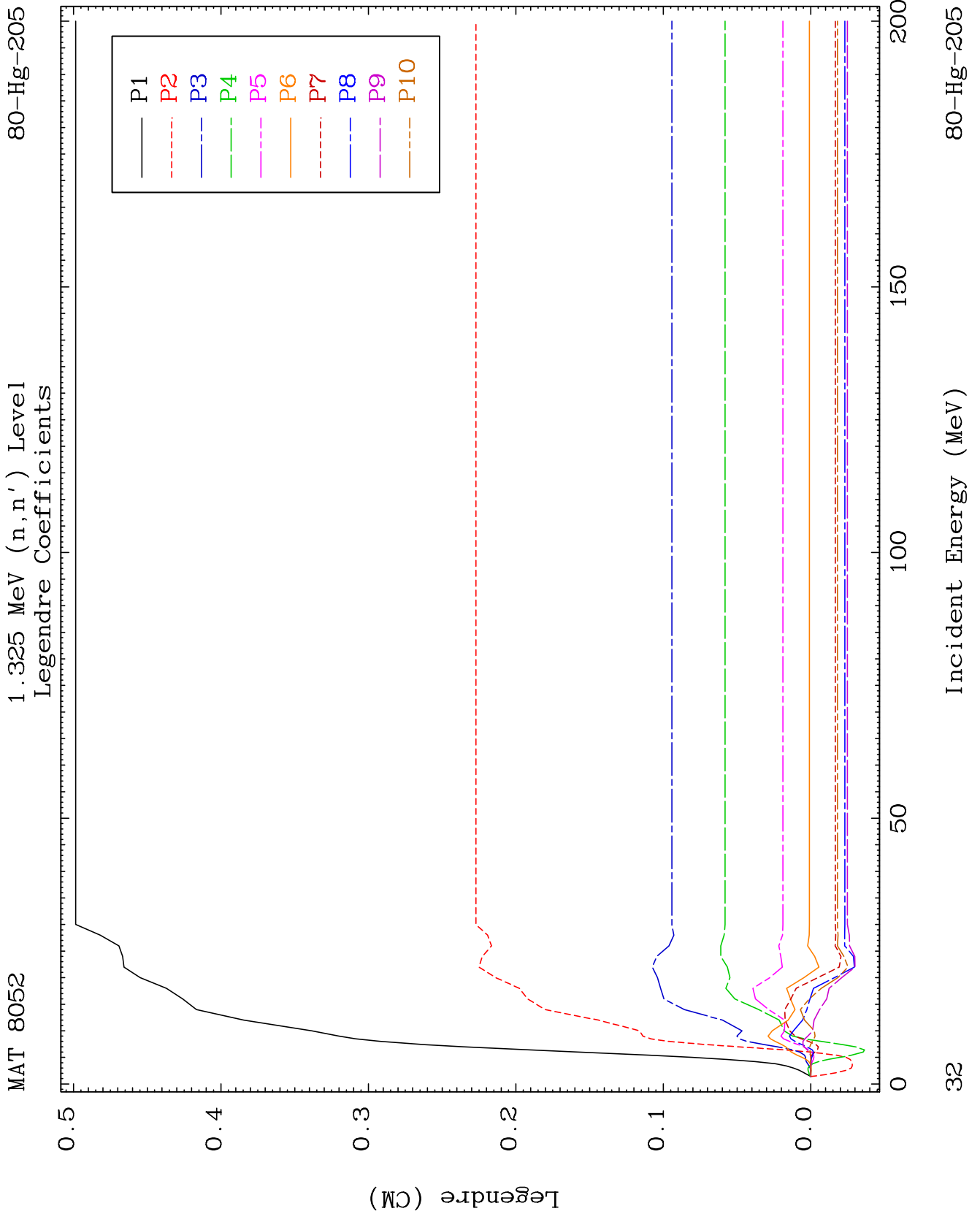
Incident Energy (MeV)

80-Hg-205





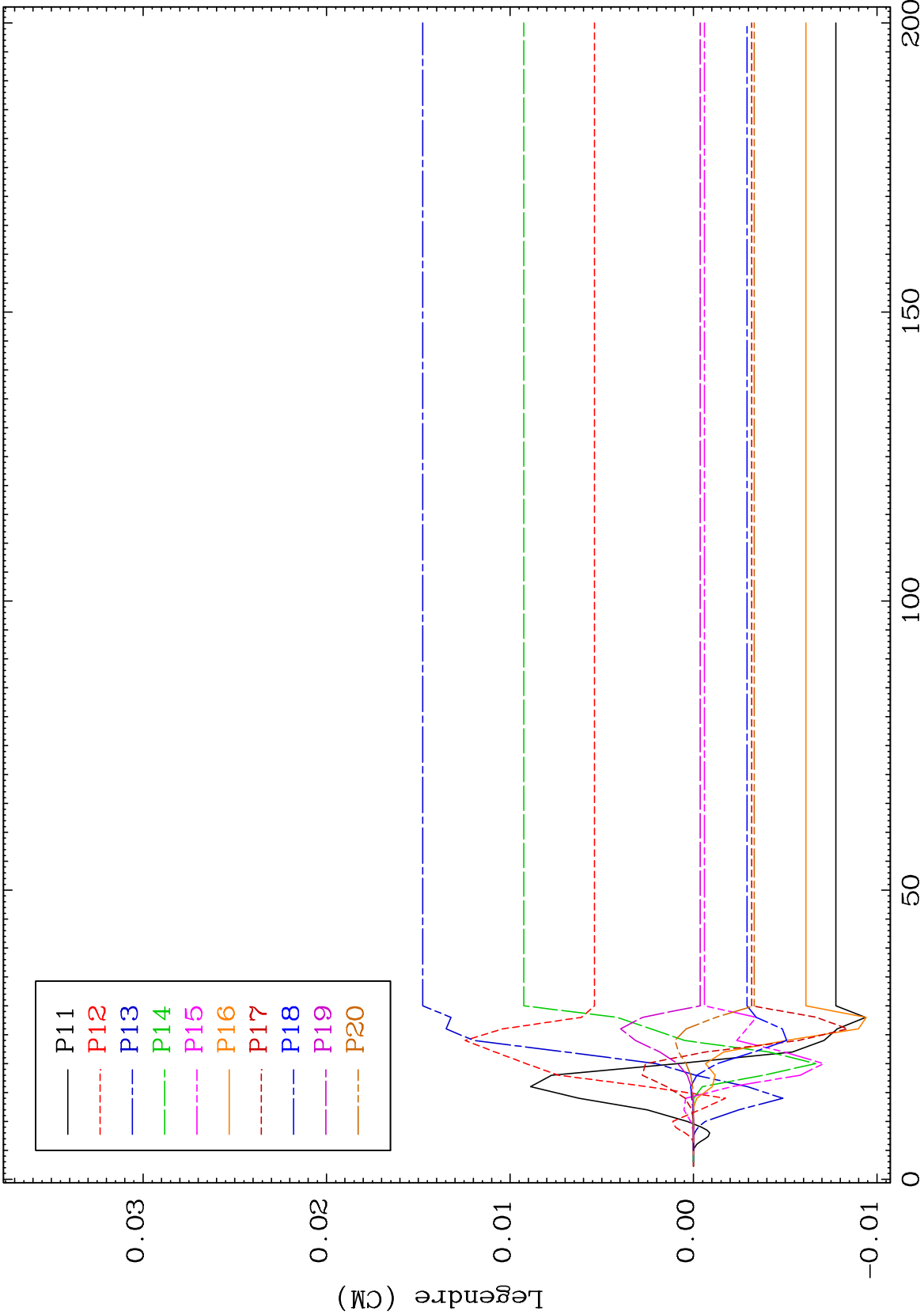




MAT 8052

1.325 MeV (n,n') Level  
Legendre Coefficients

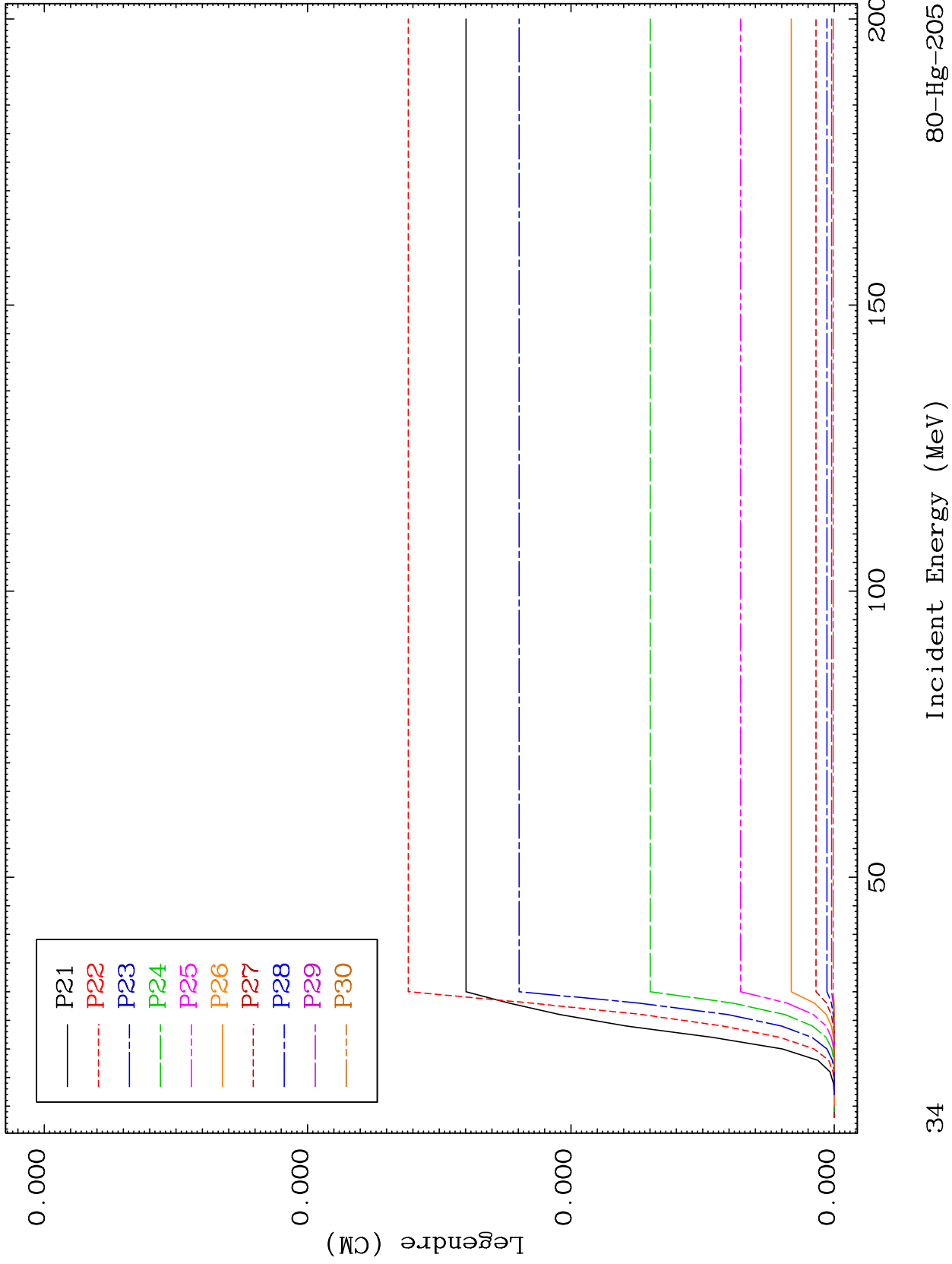
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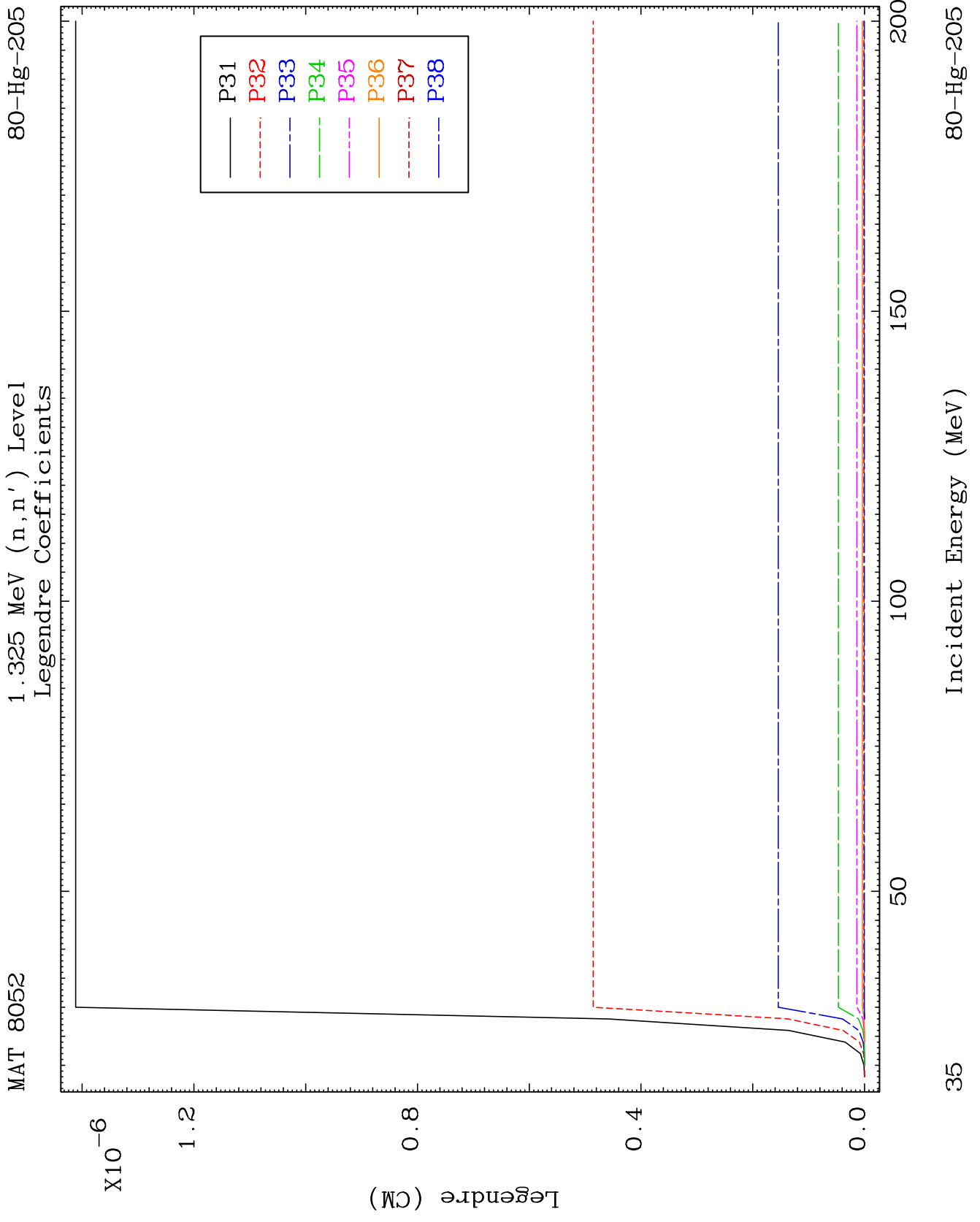


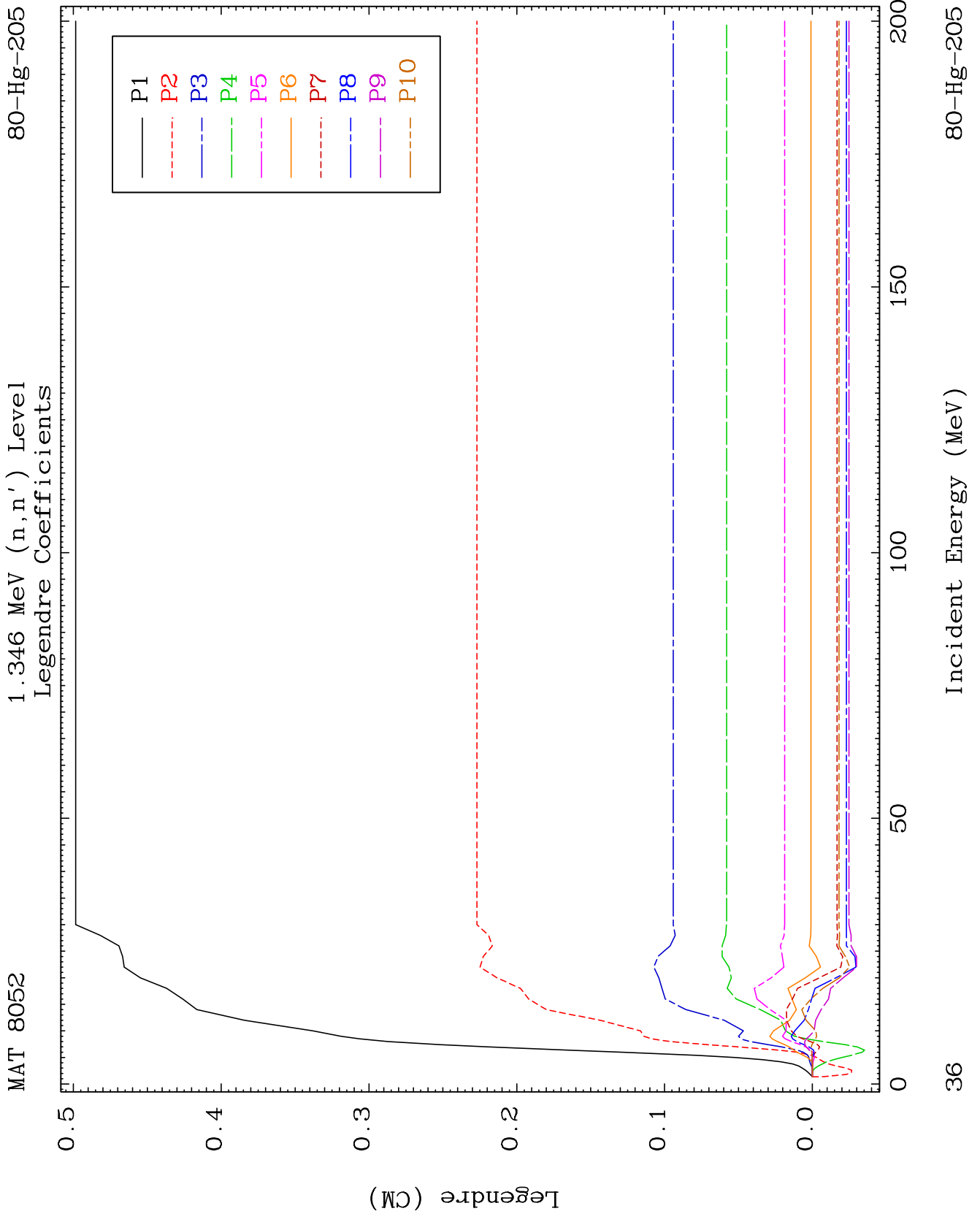
80-Hg-205

Incident Energy (MeV)

33



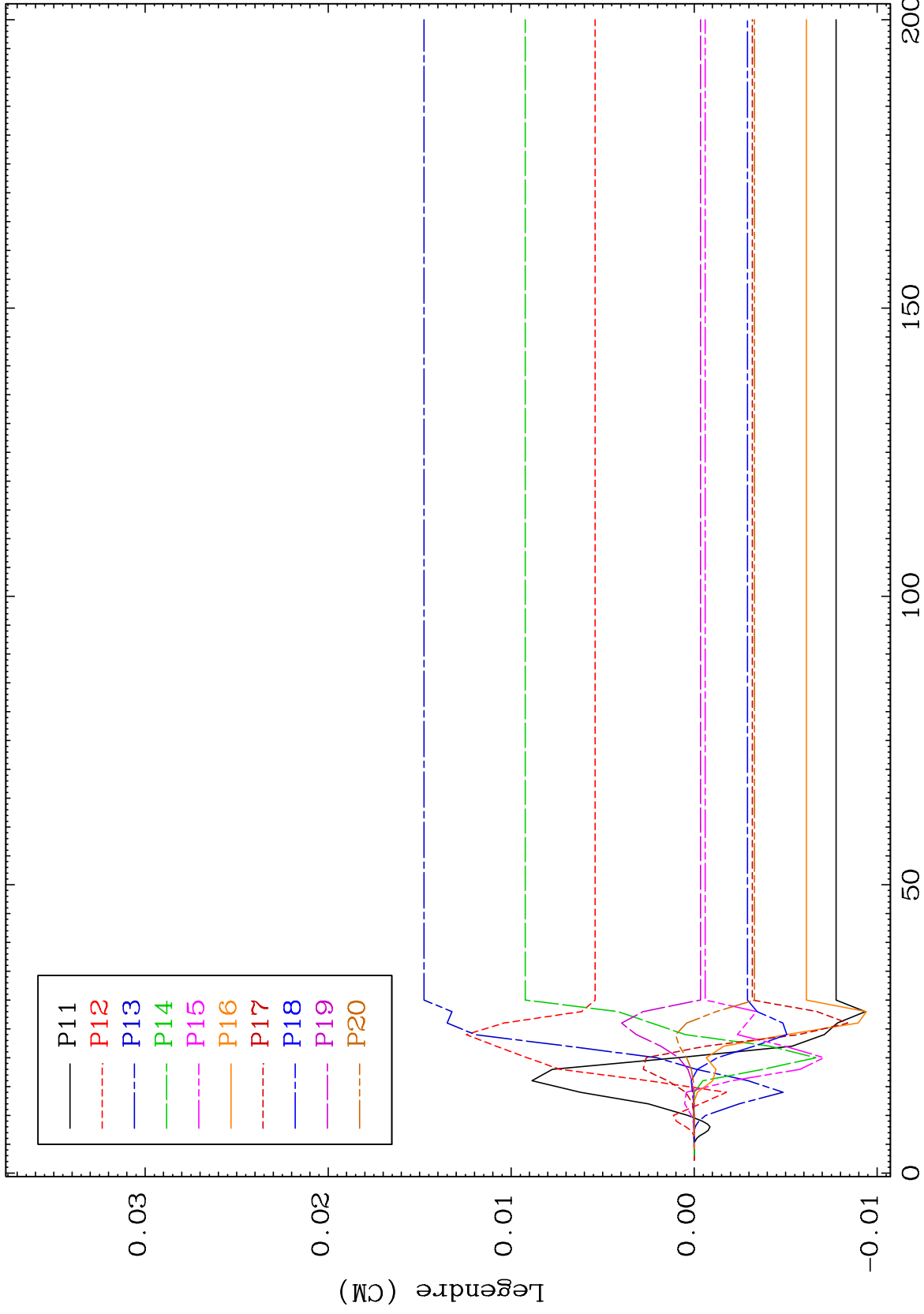




MAT 8052

1.346 MeV (n,n') Level  
Legendre Coefficients

80-Hg-205



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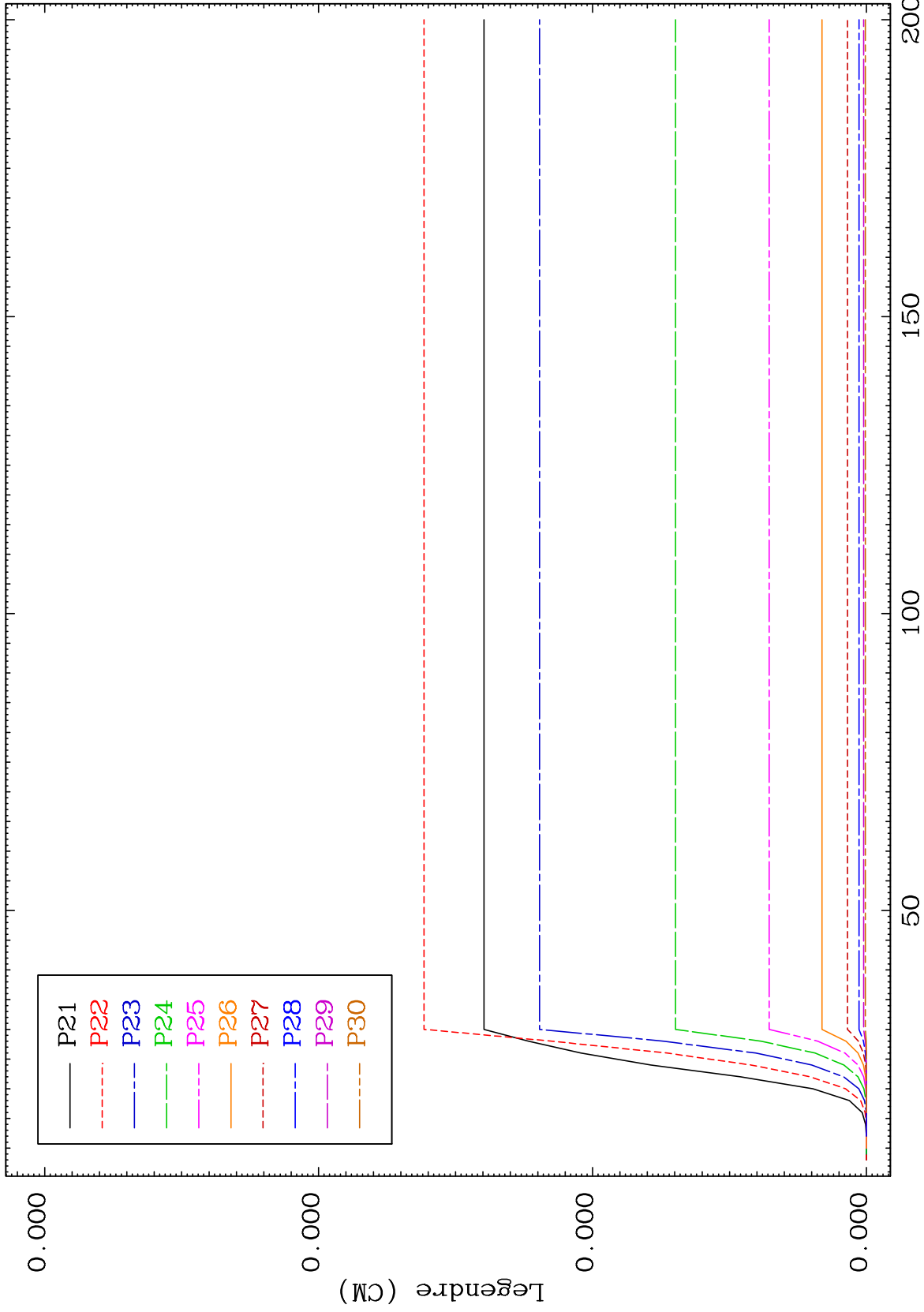
Incident Energy (MeV)

80-Hg-205

MAT 8052

1.346 MeV (n,n') Level  
Legendre Coefficients

80-Hg-205



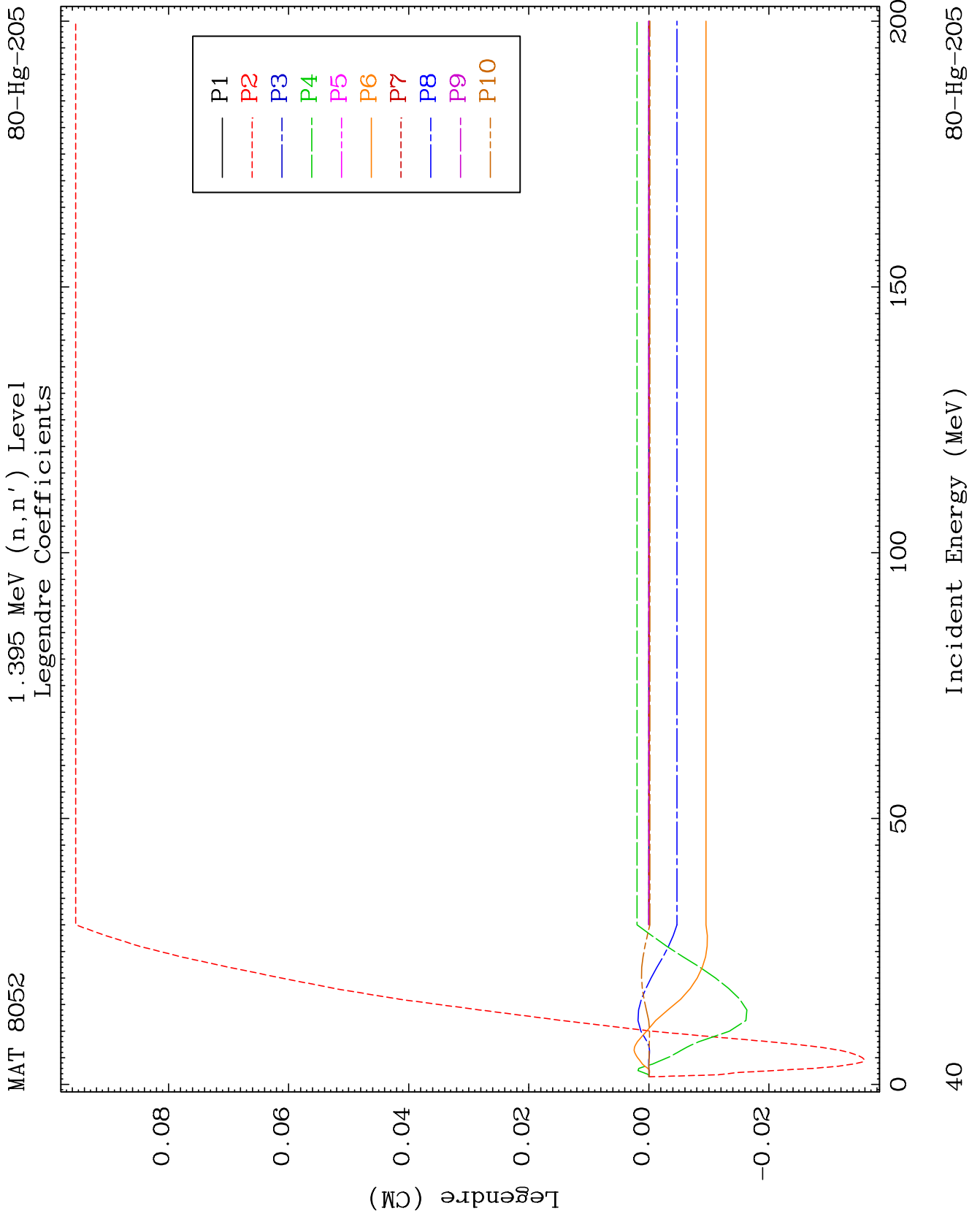
38

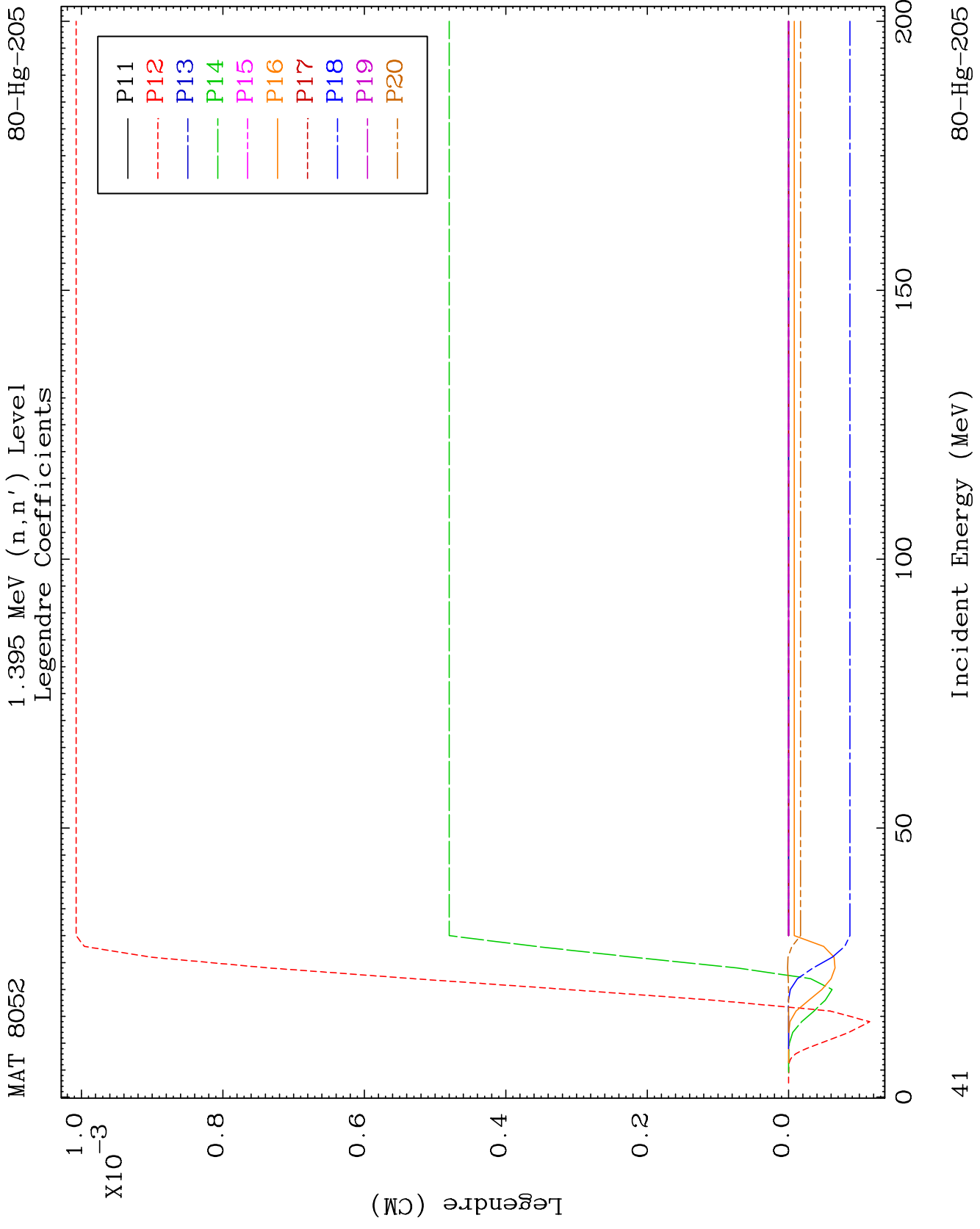
Incident Energy (MeV)

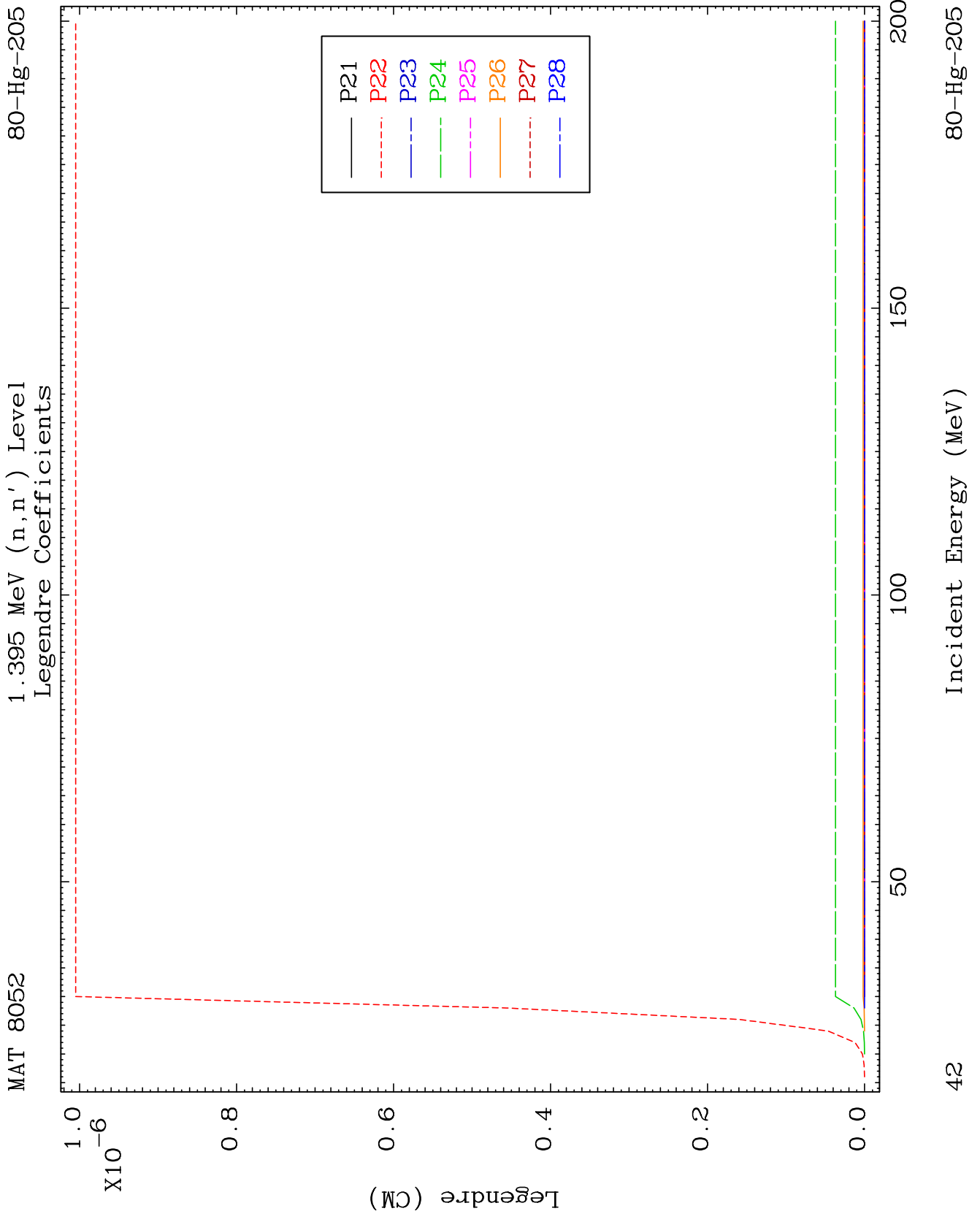
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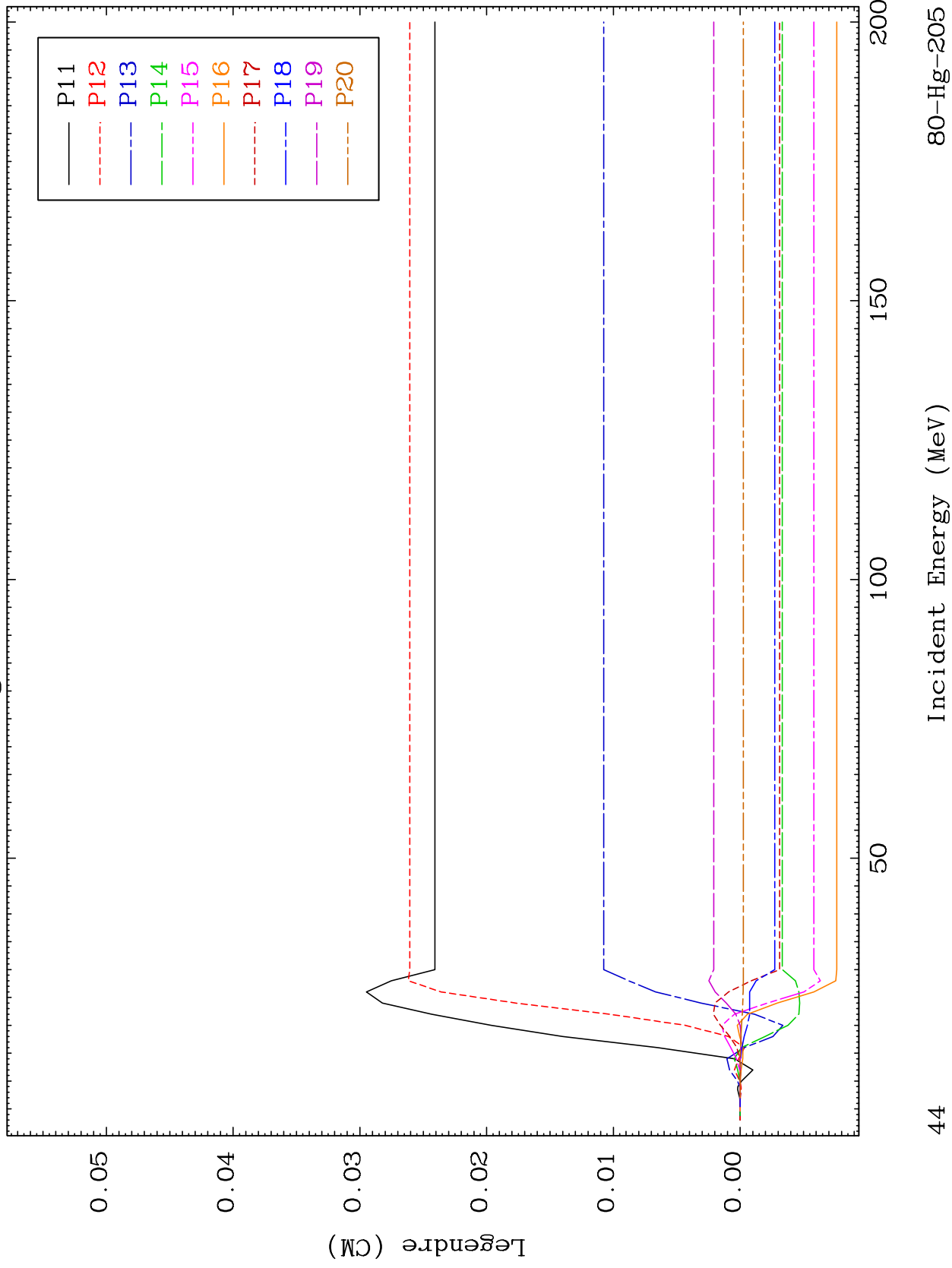


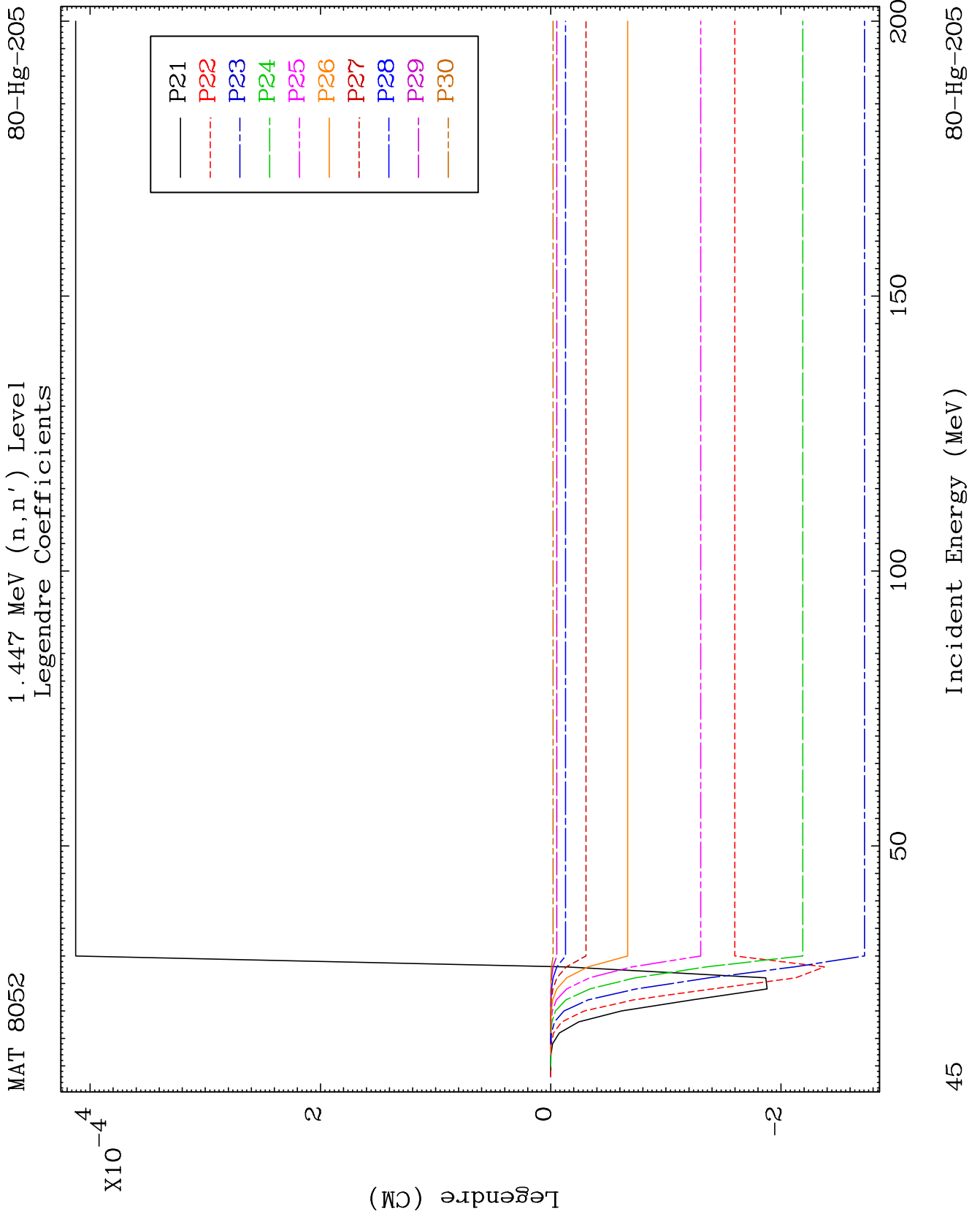


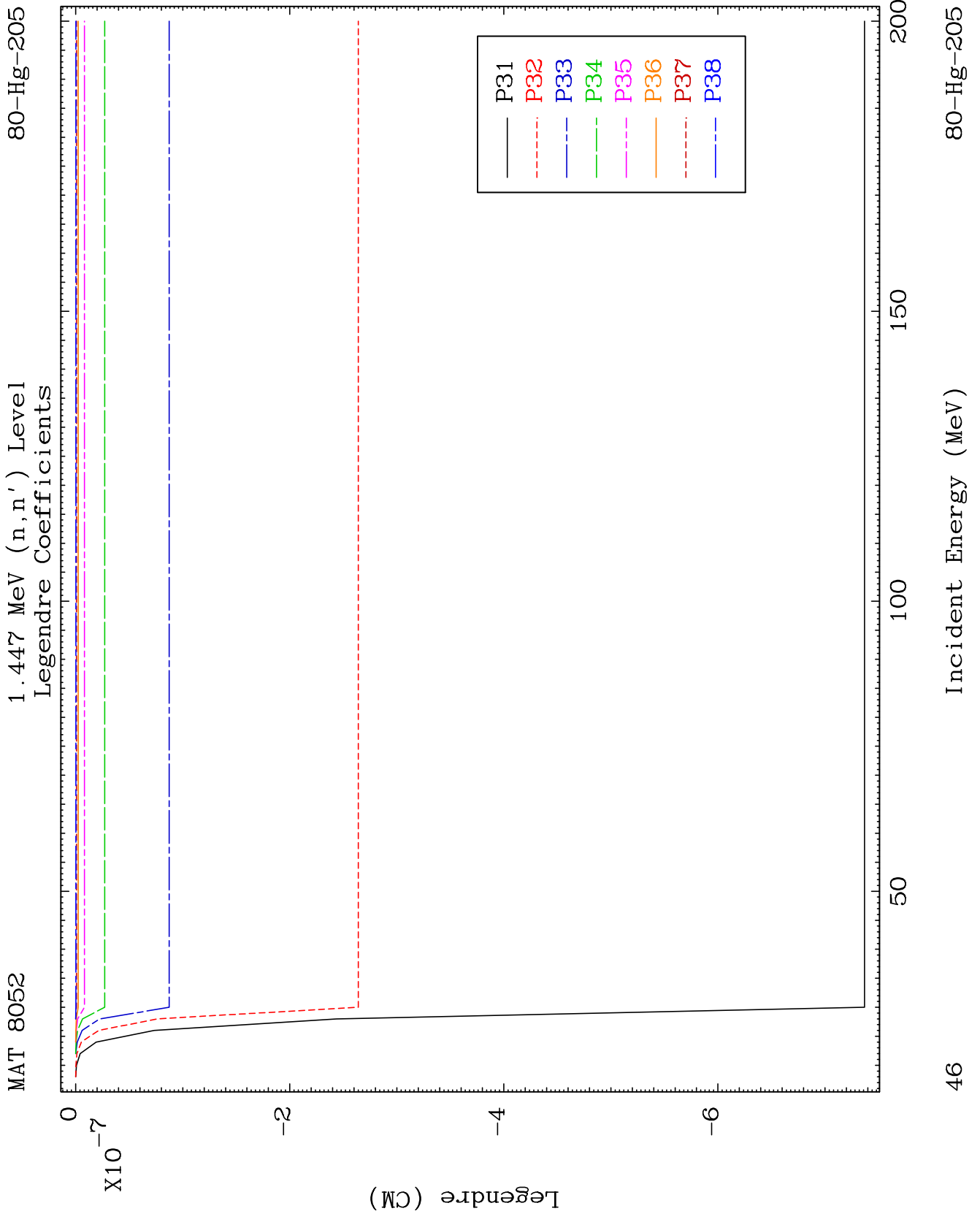
MAT 8052

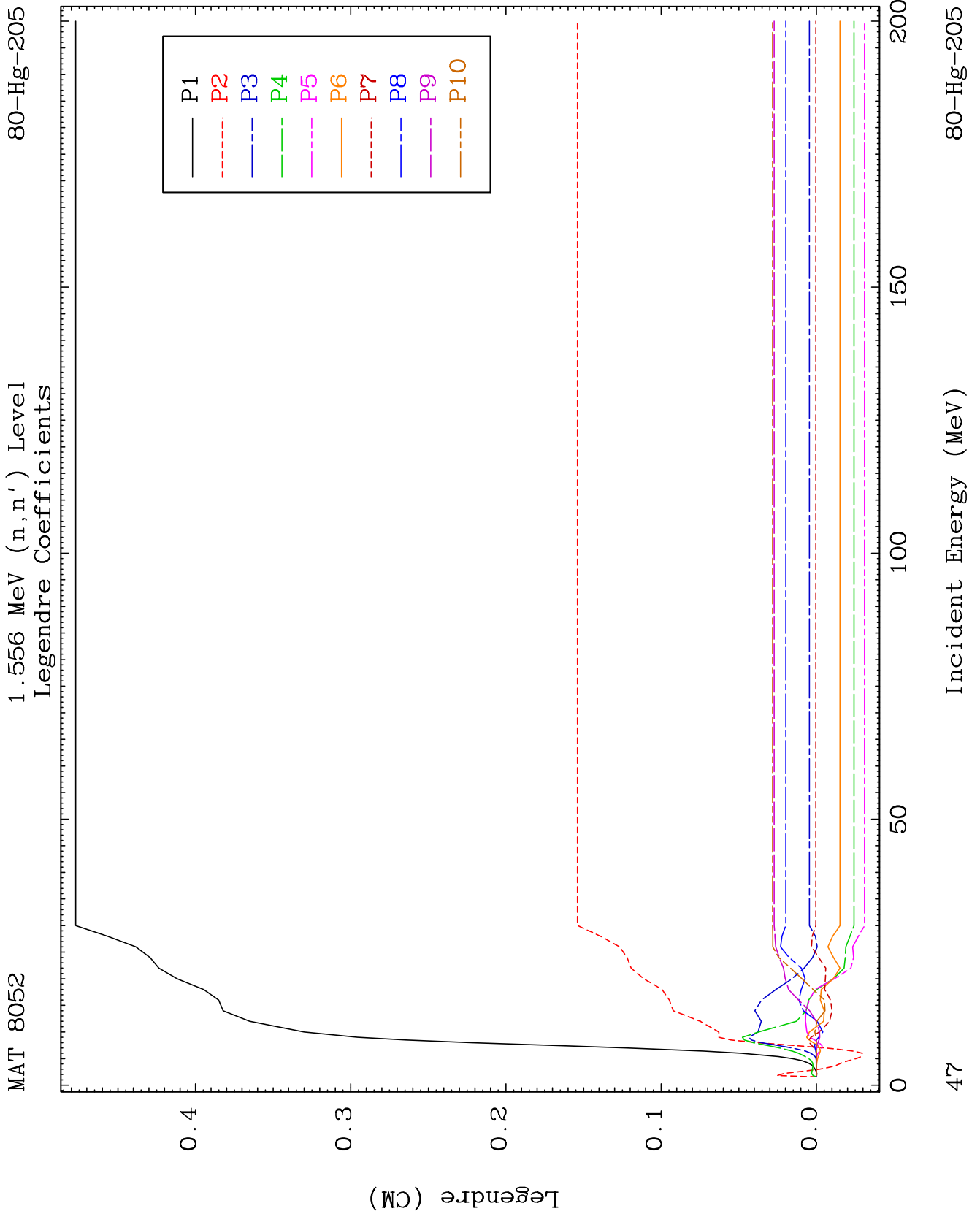
1.447 MeV (n,n') Level  
Legendre Coefficients

80-Hg-205







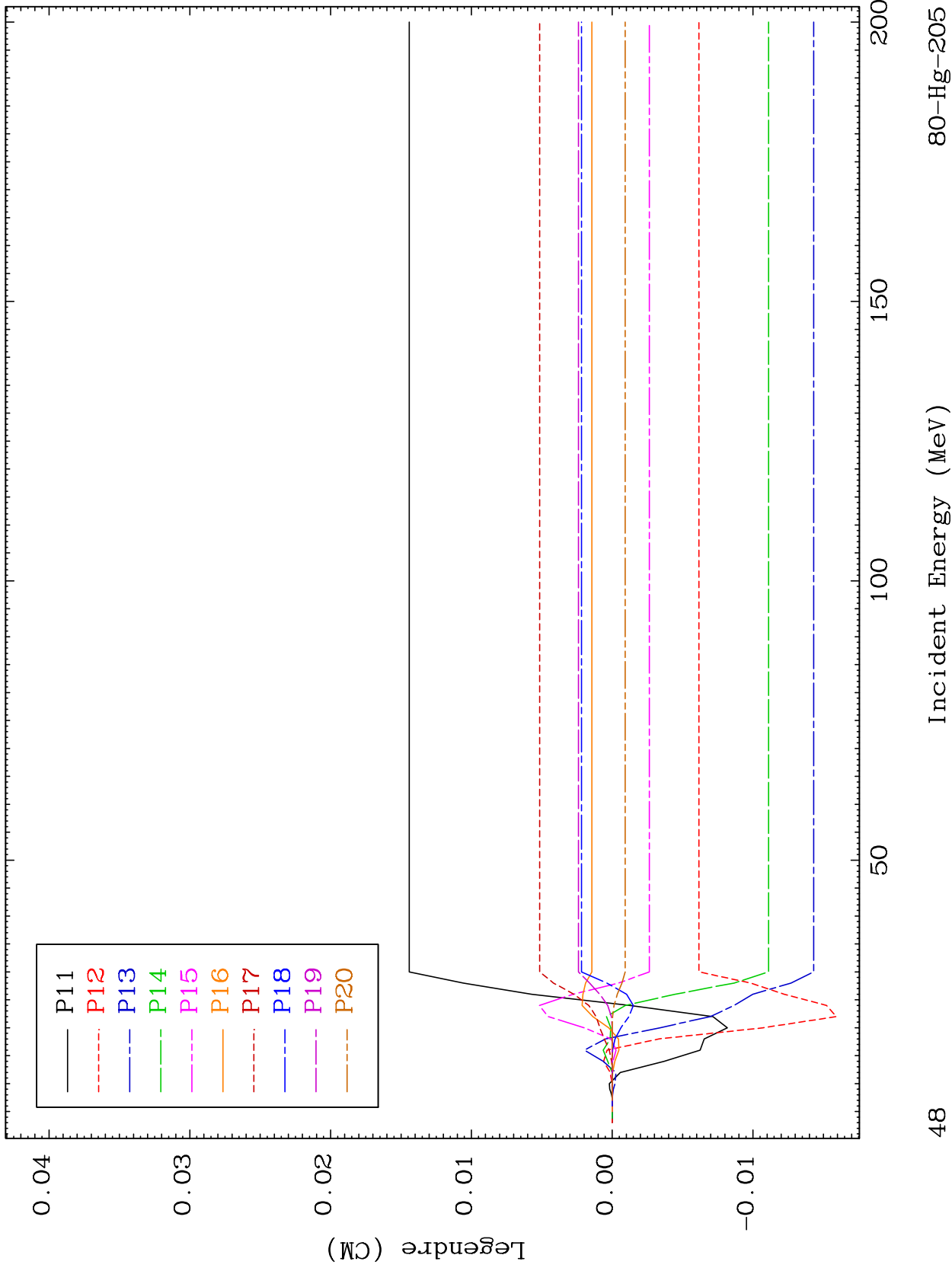




MAT 8052

1.556 MeV (n,n') Level  
Legendre Coefficients

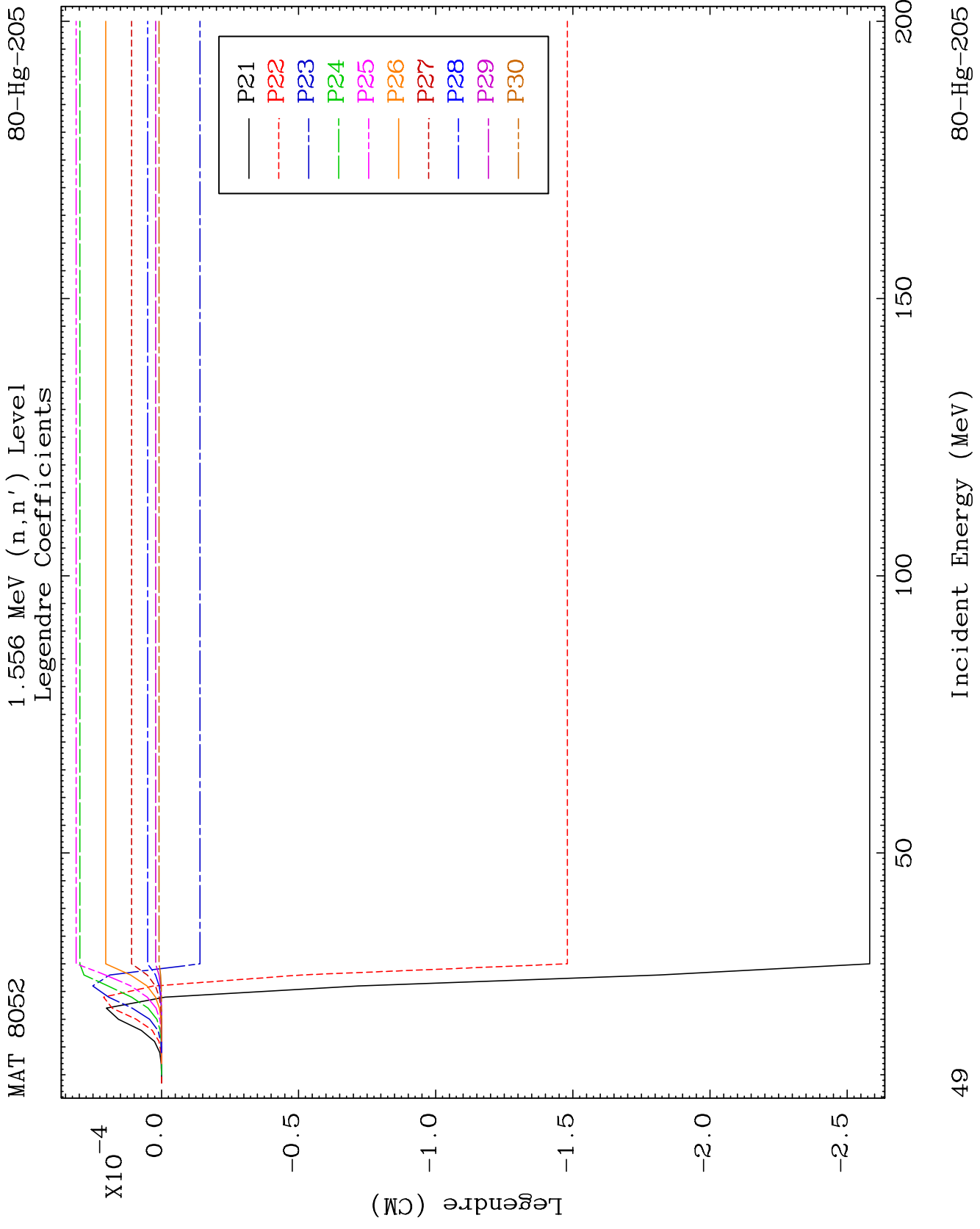
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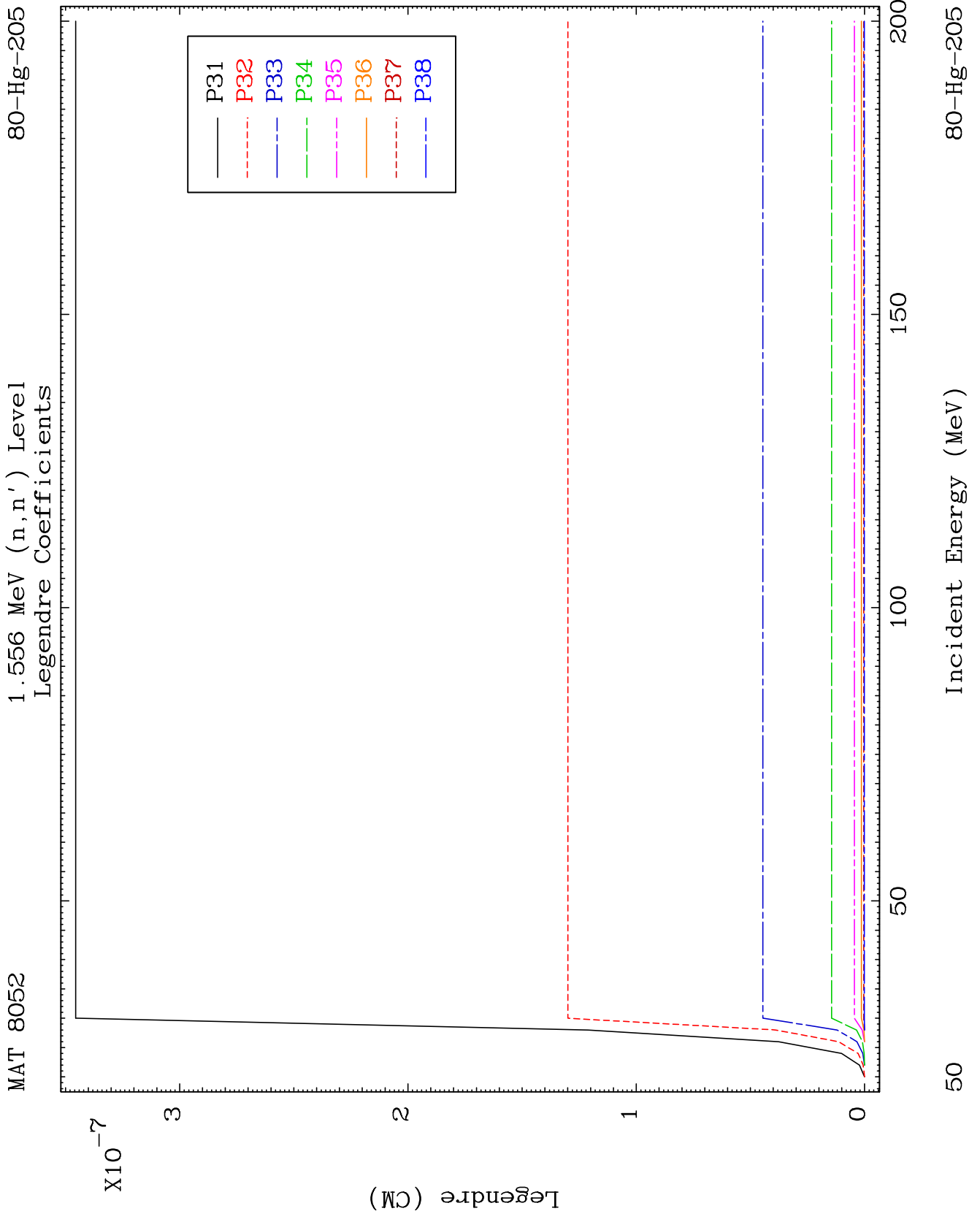


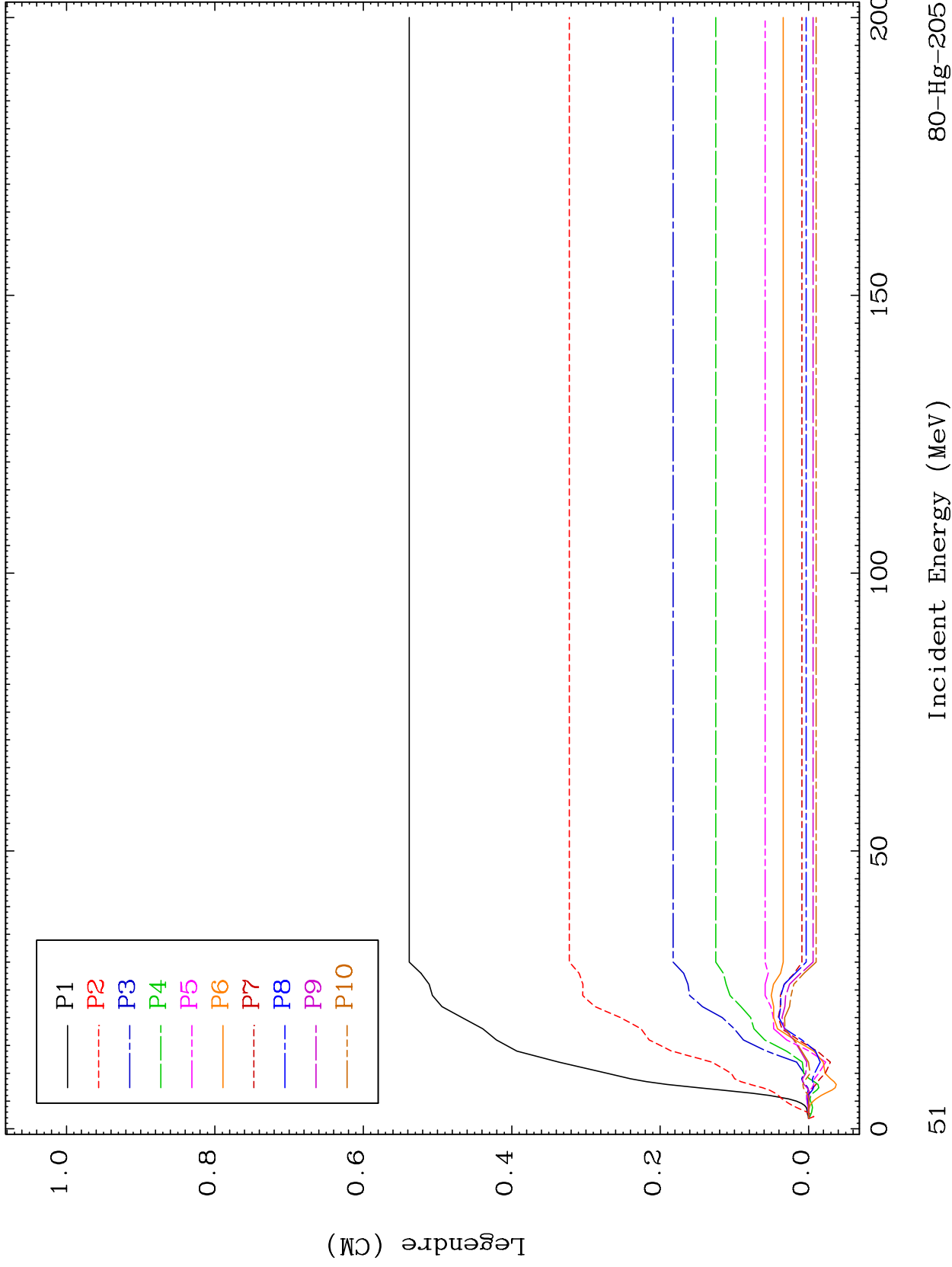
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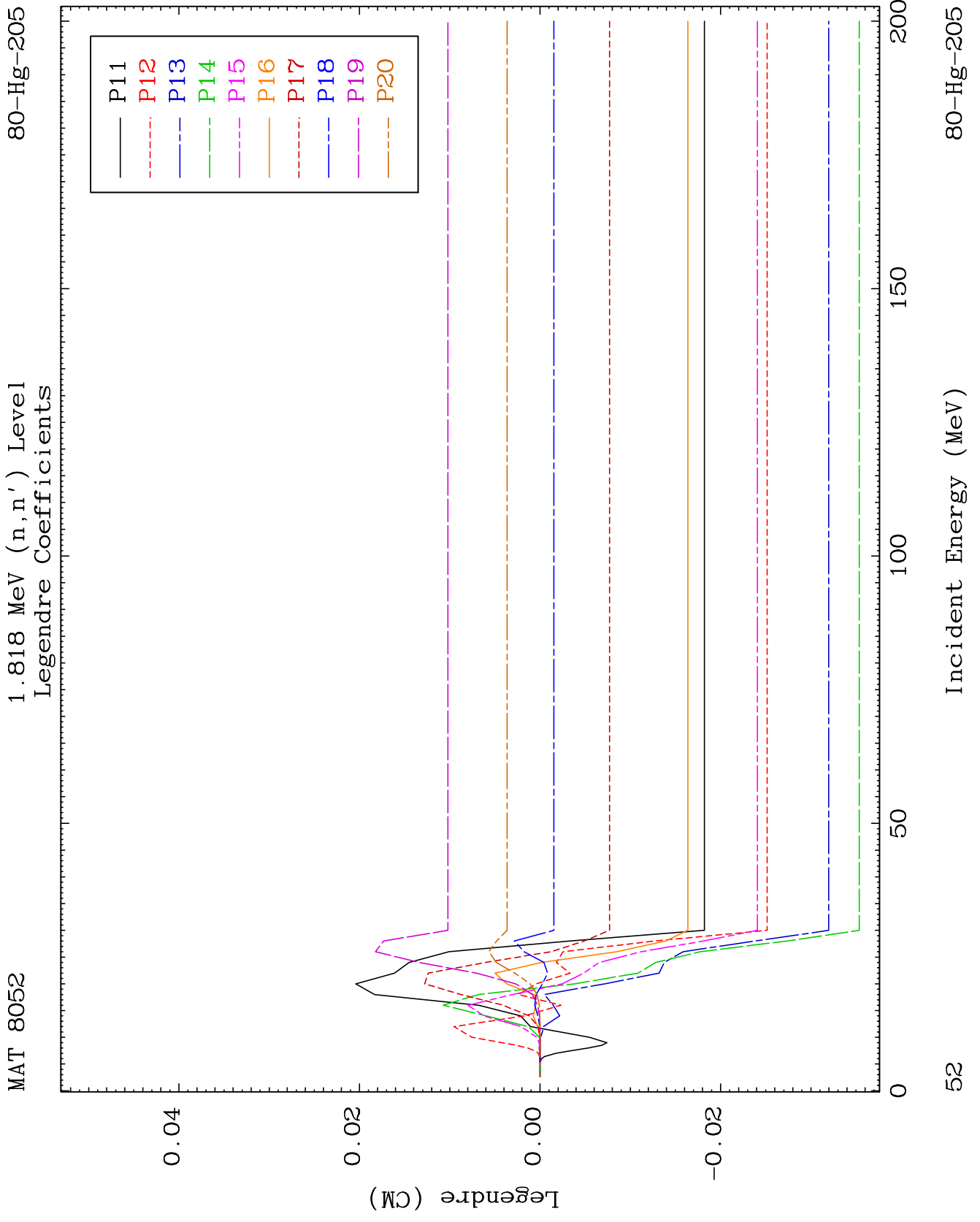
Incident Energy (MeV)

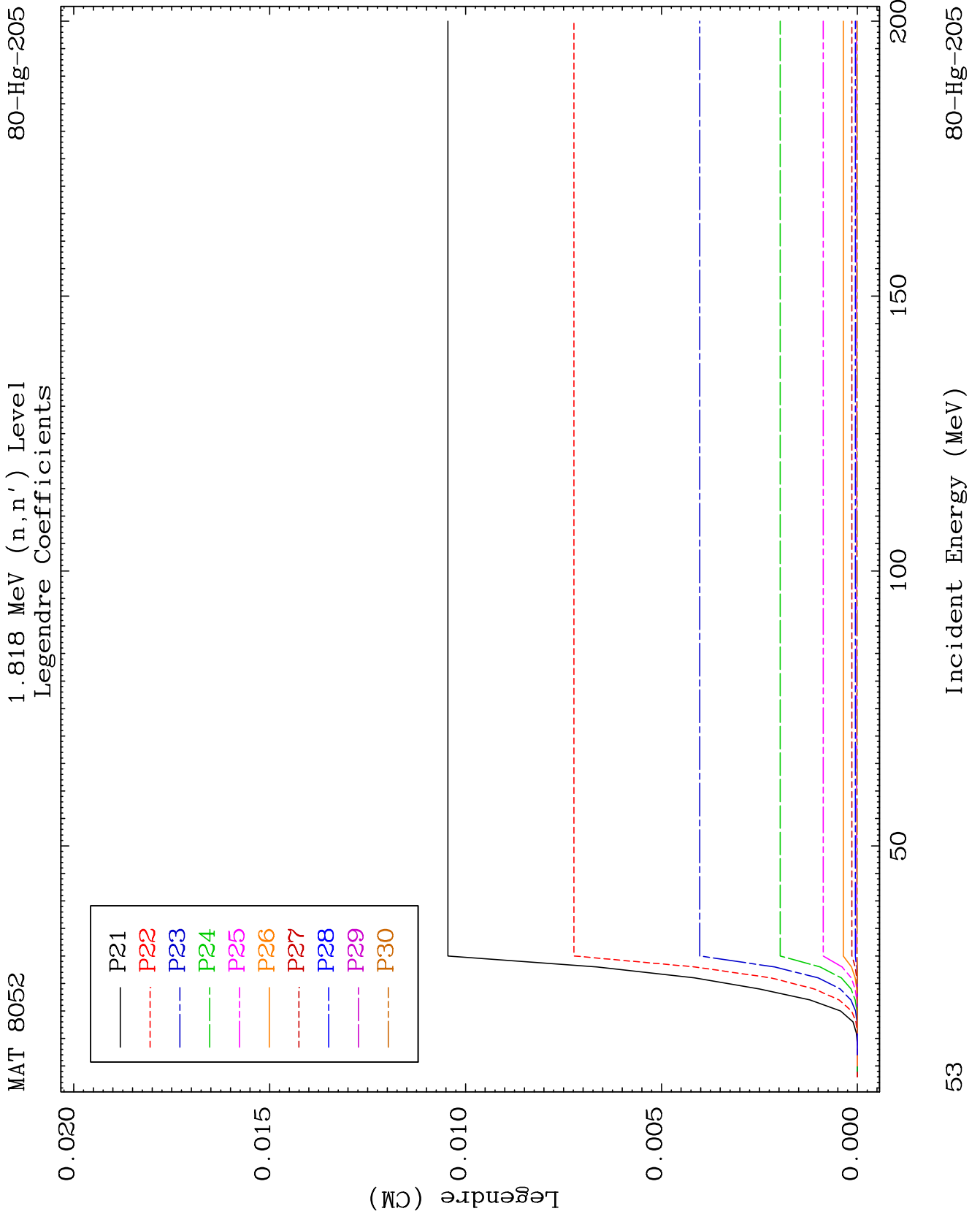
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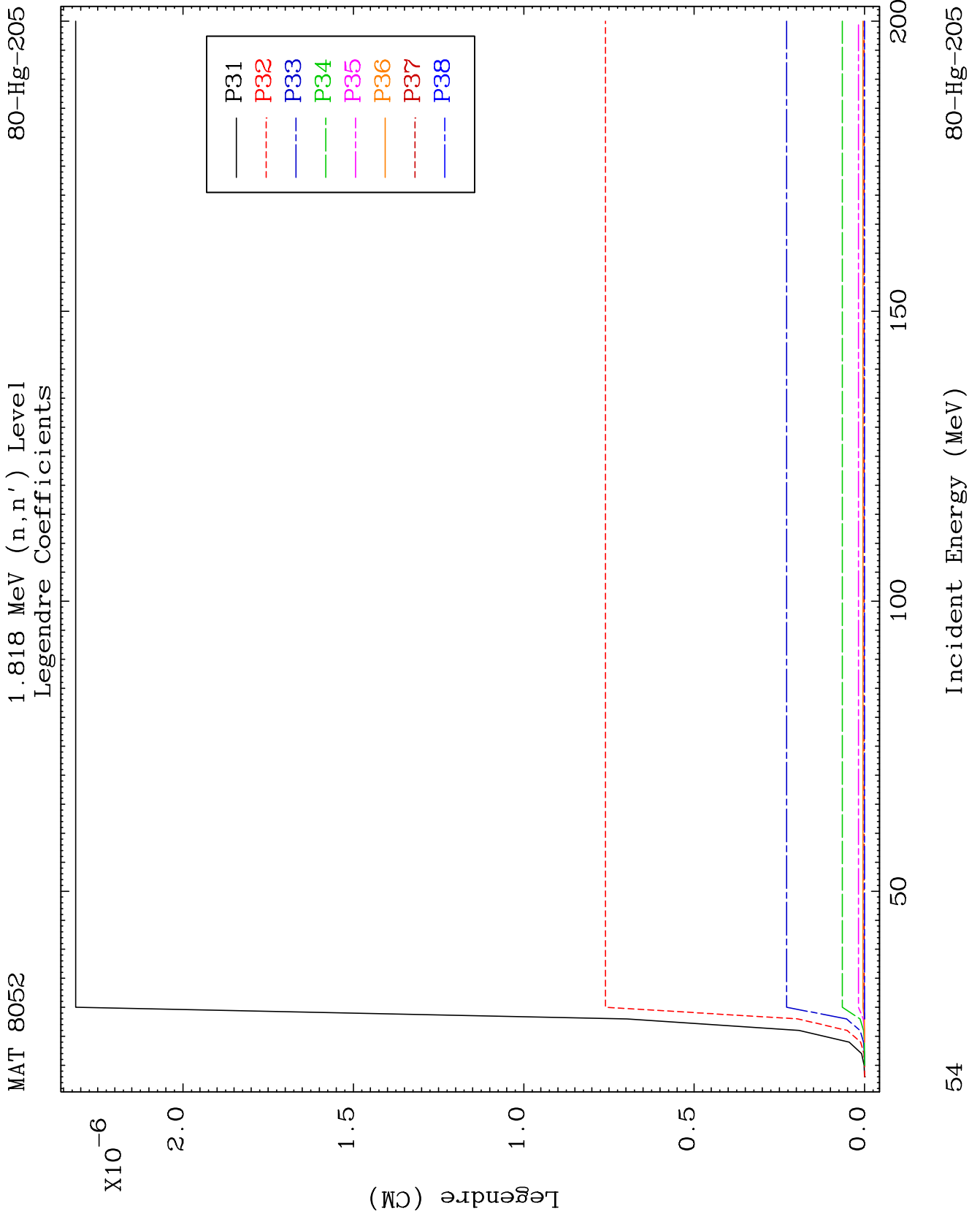


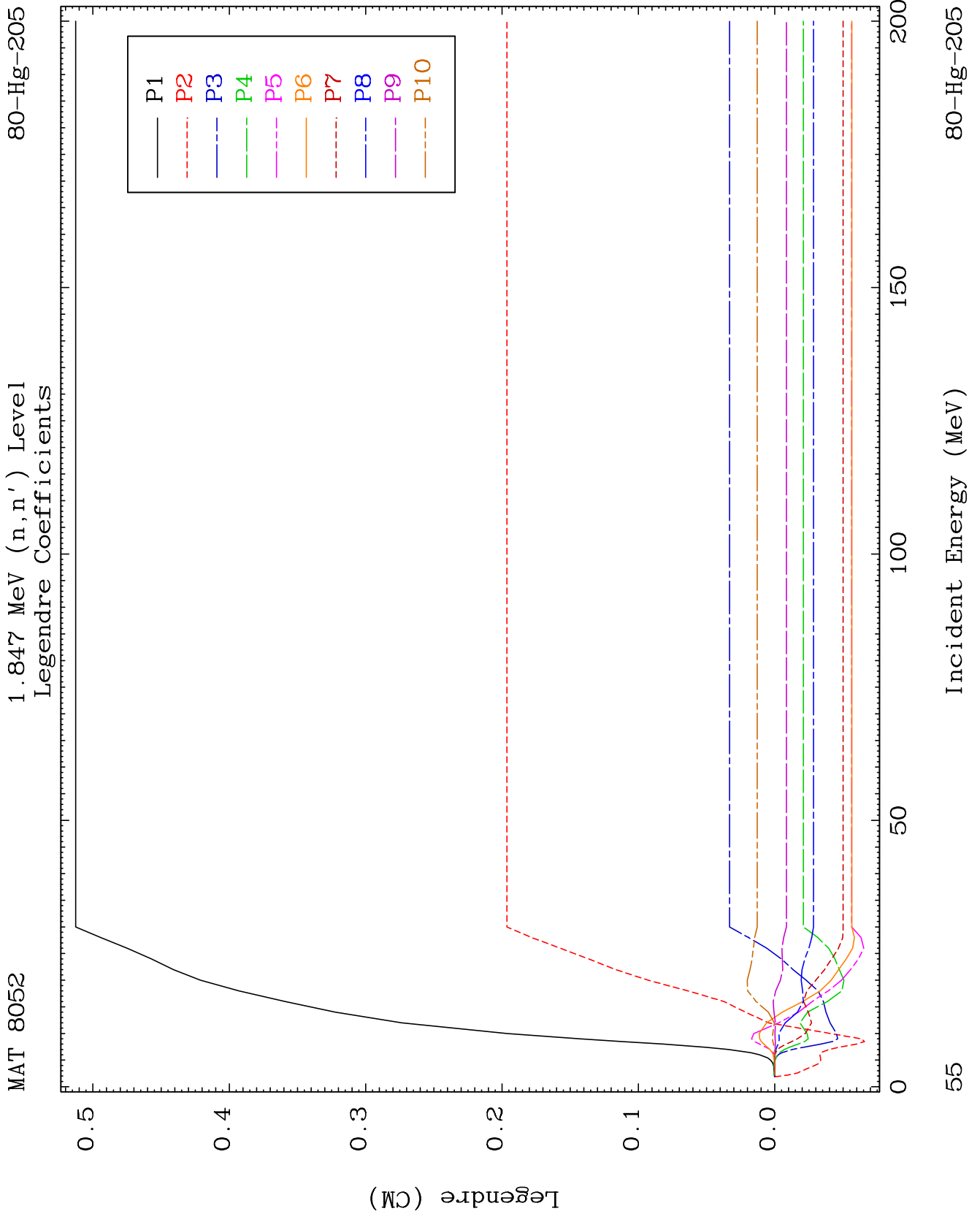




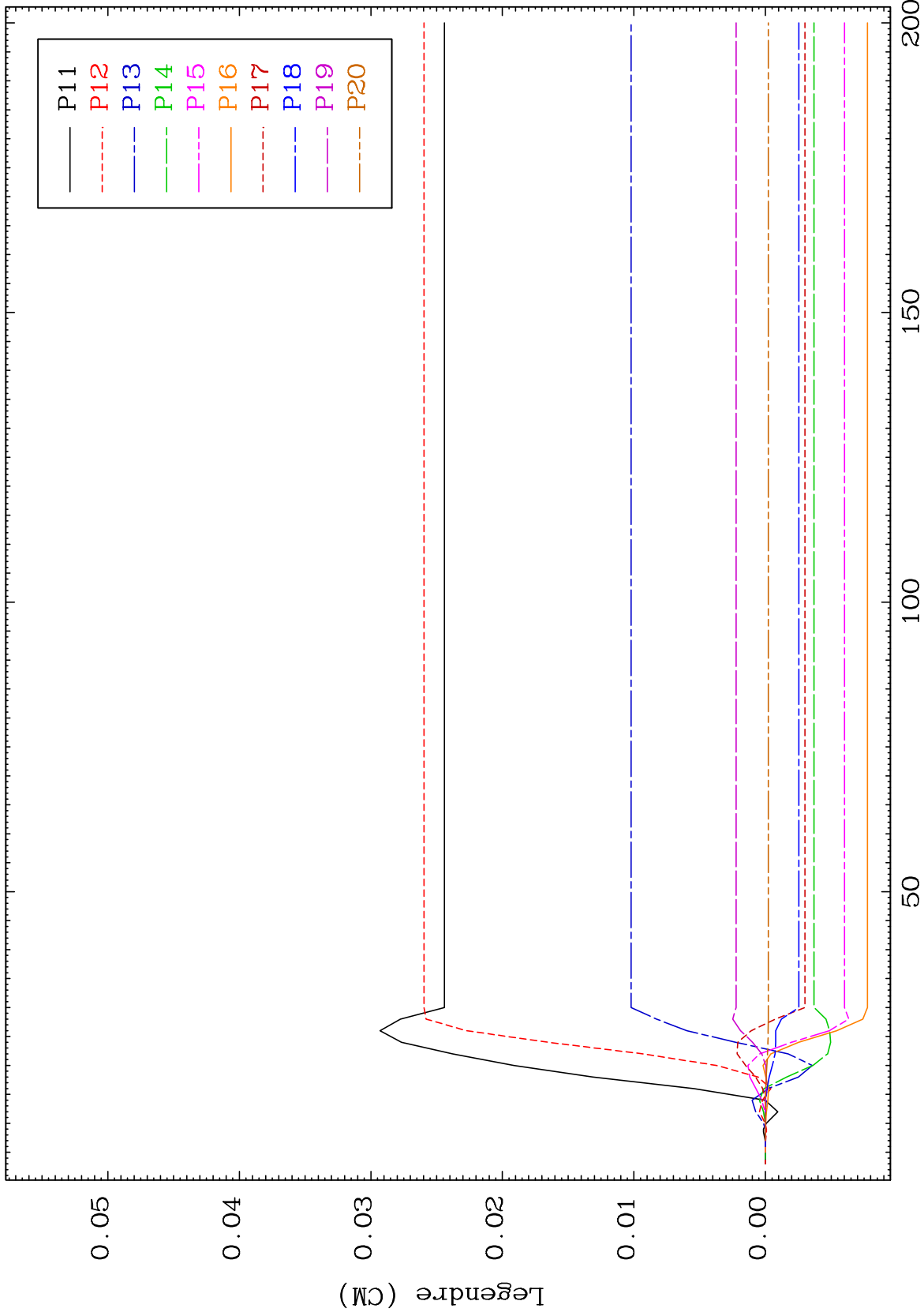








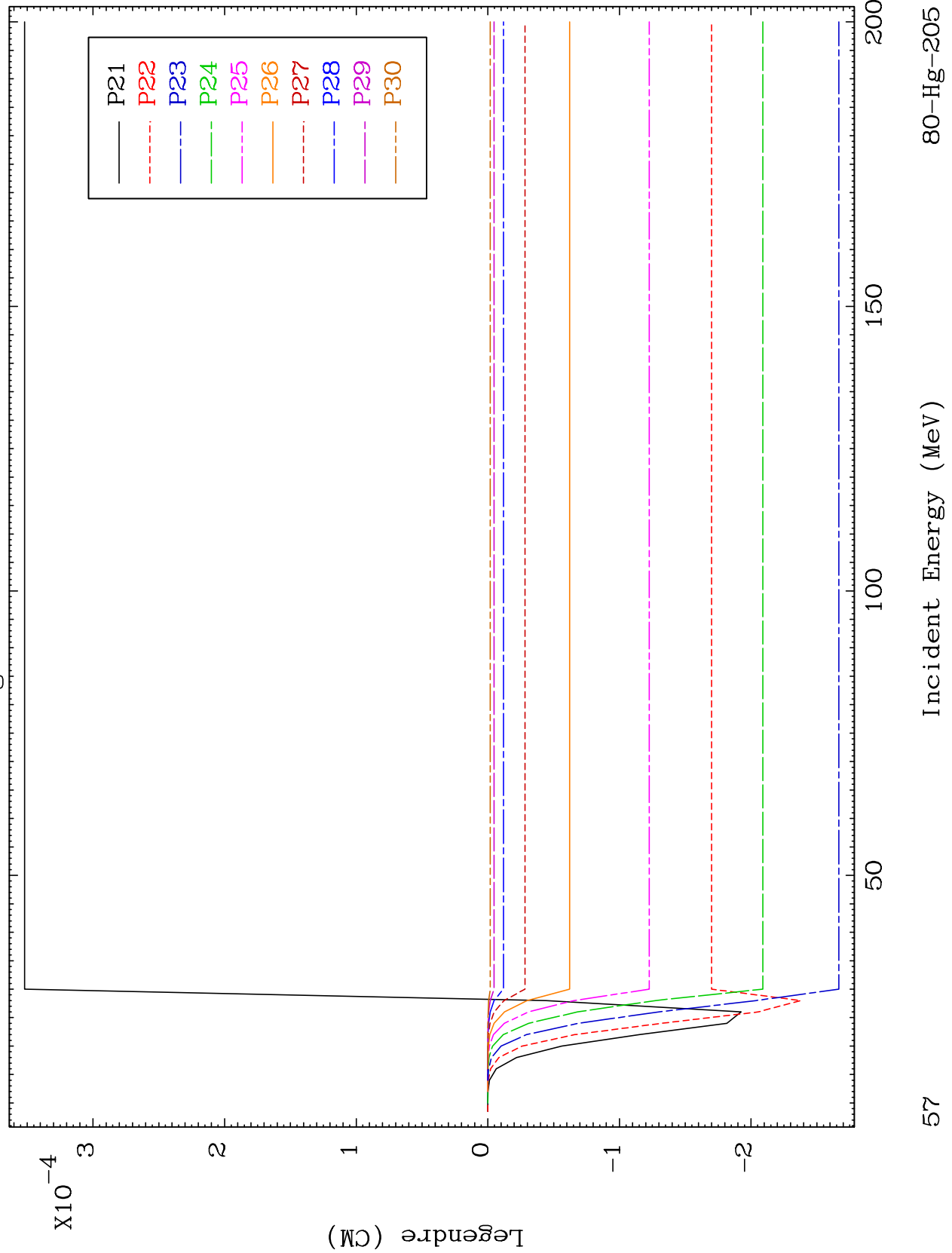


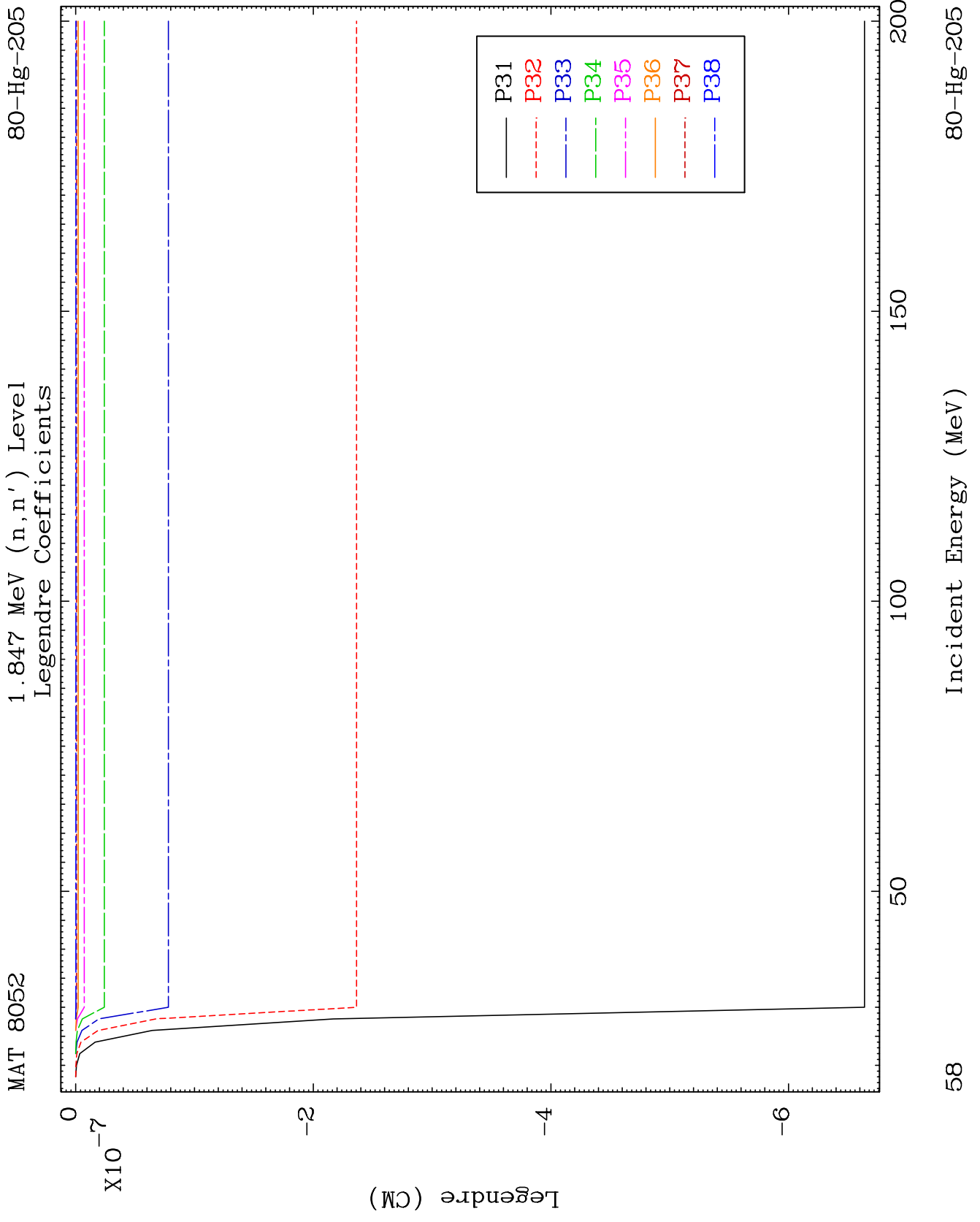


MAT 8052

1.847 MeV (n,n') Level  
Legendre Coefficients

80-Hg-205

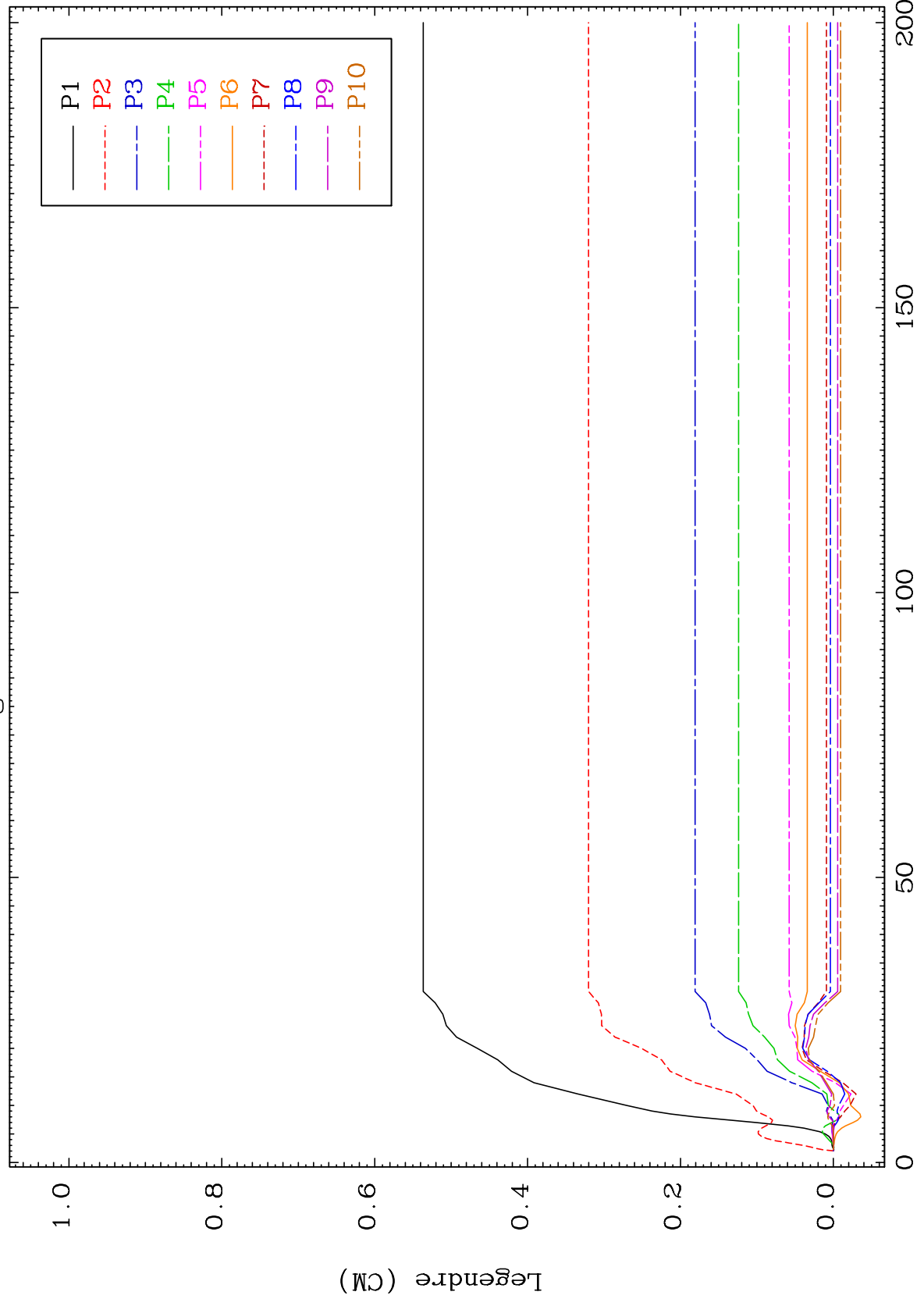




MAT 8052

2.011 MeV (n,n') Level  
Legendre Coefficients

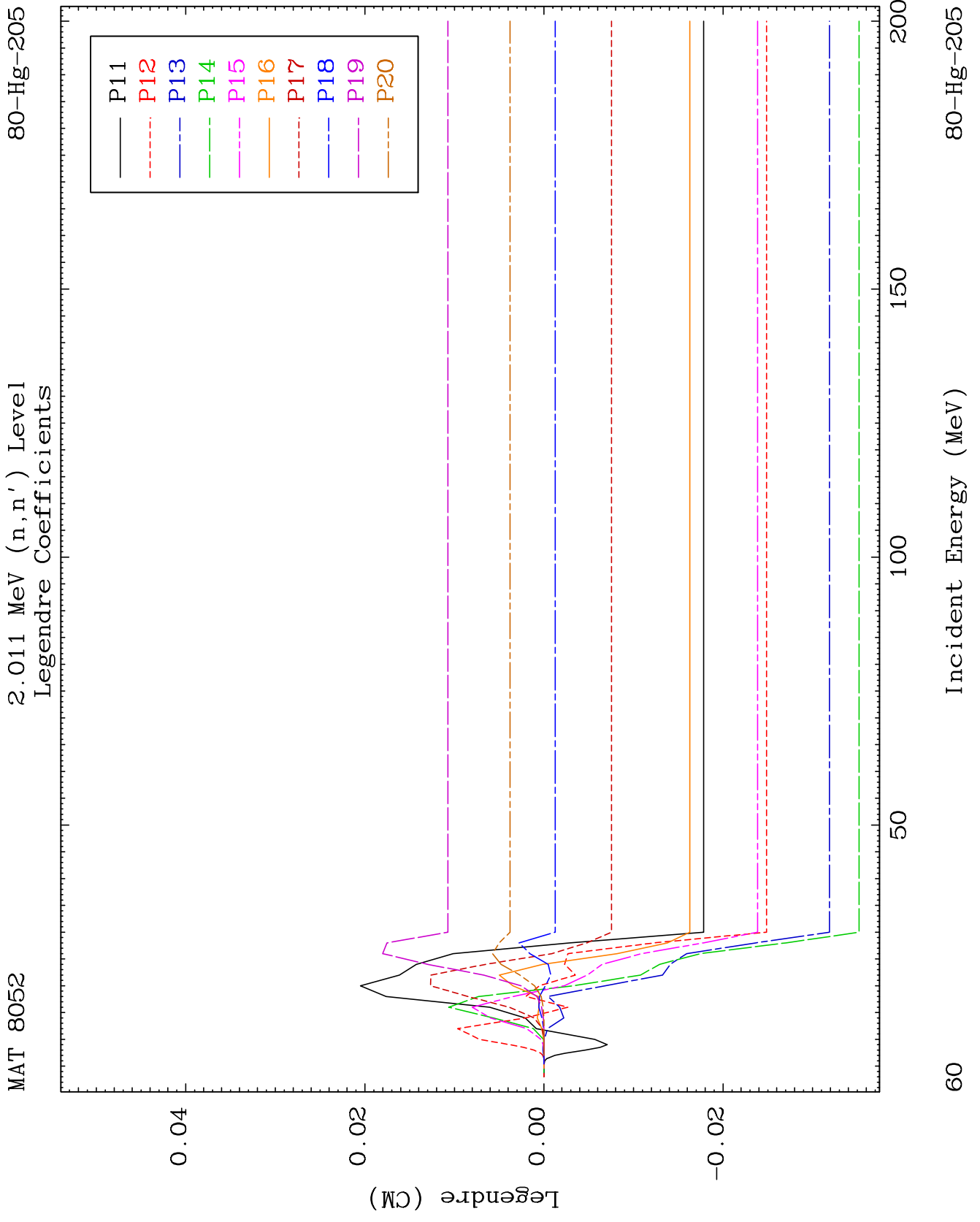
80-Hg-205



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Incident Energy (MeV)

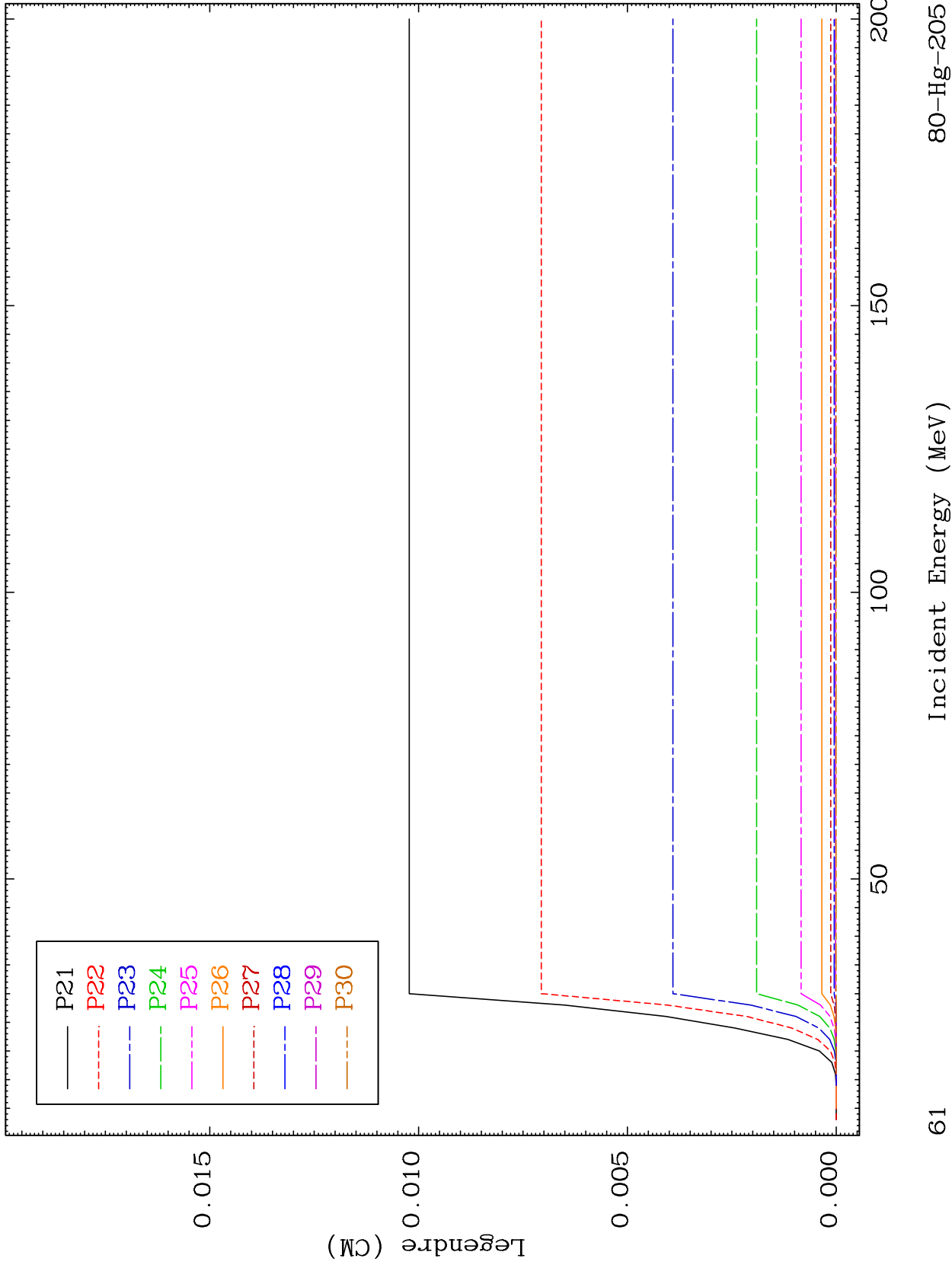
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MAT 8052

2.011 MeV (n,n') Level  
Legendre Coefficients

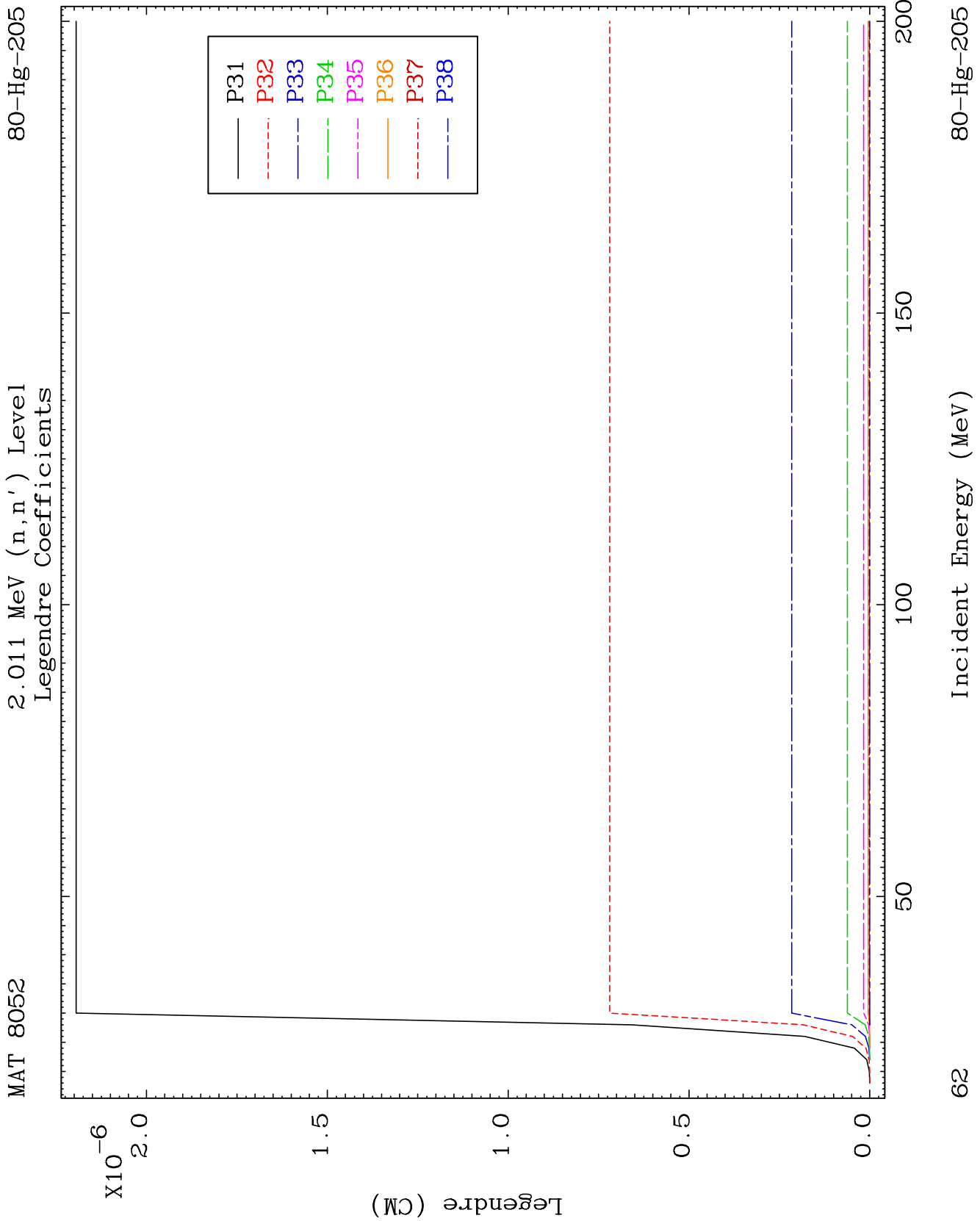
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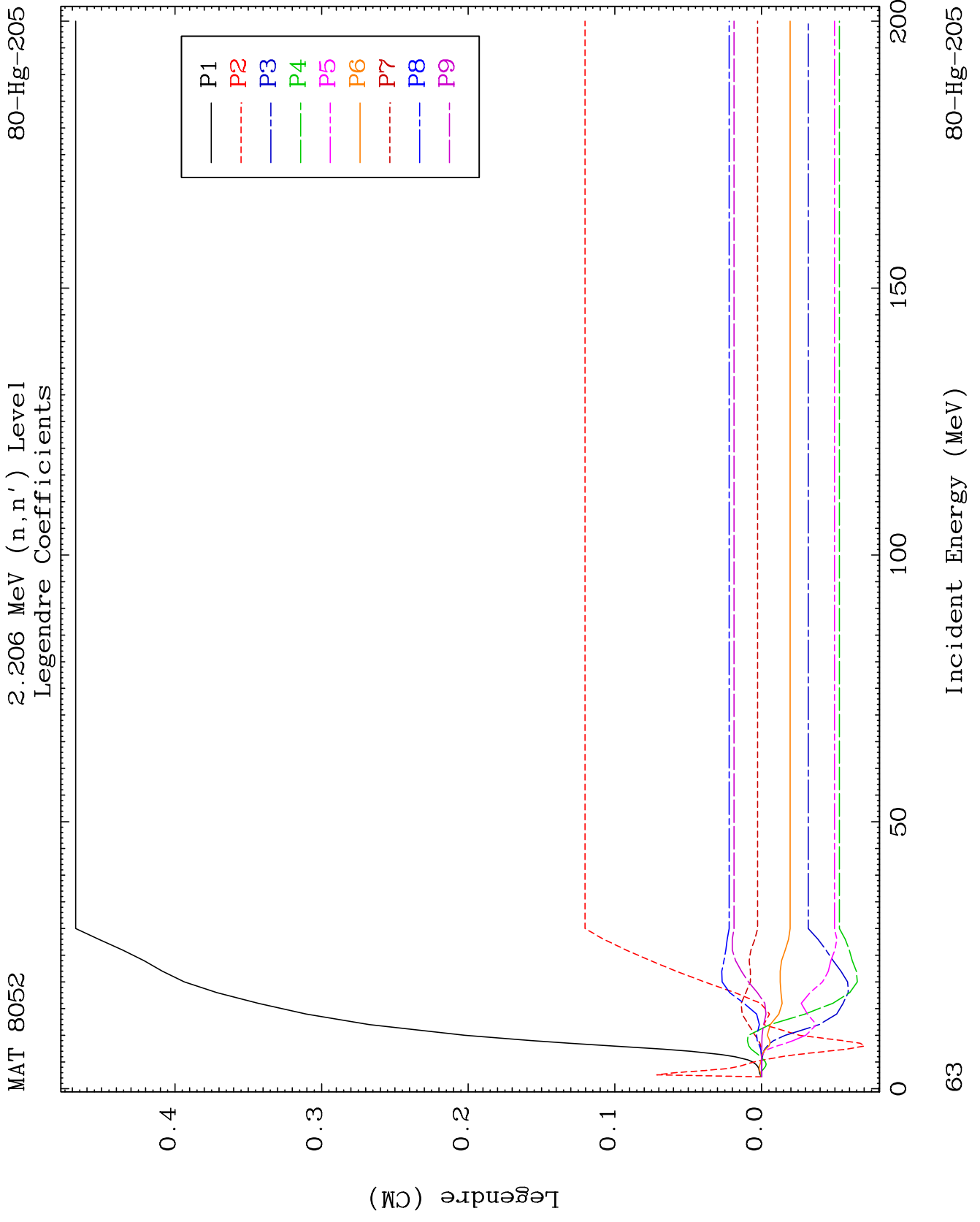


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Incident Energy (MeV)

80-Hg-205



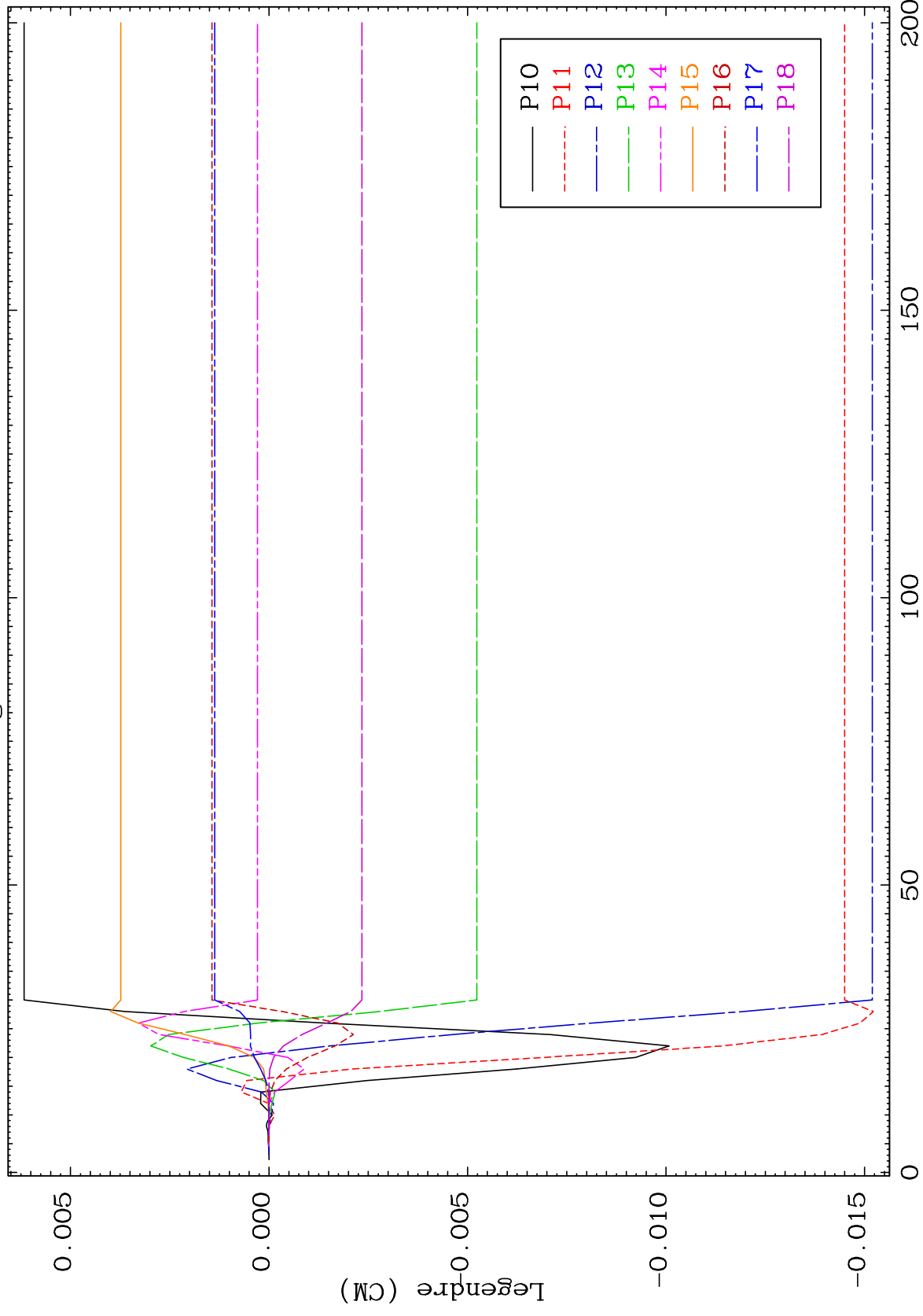




MAT 8052

2.206 MeV (n, n') Level  
Legendre Coefficients

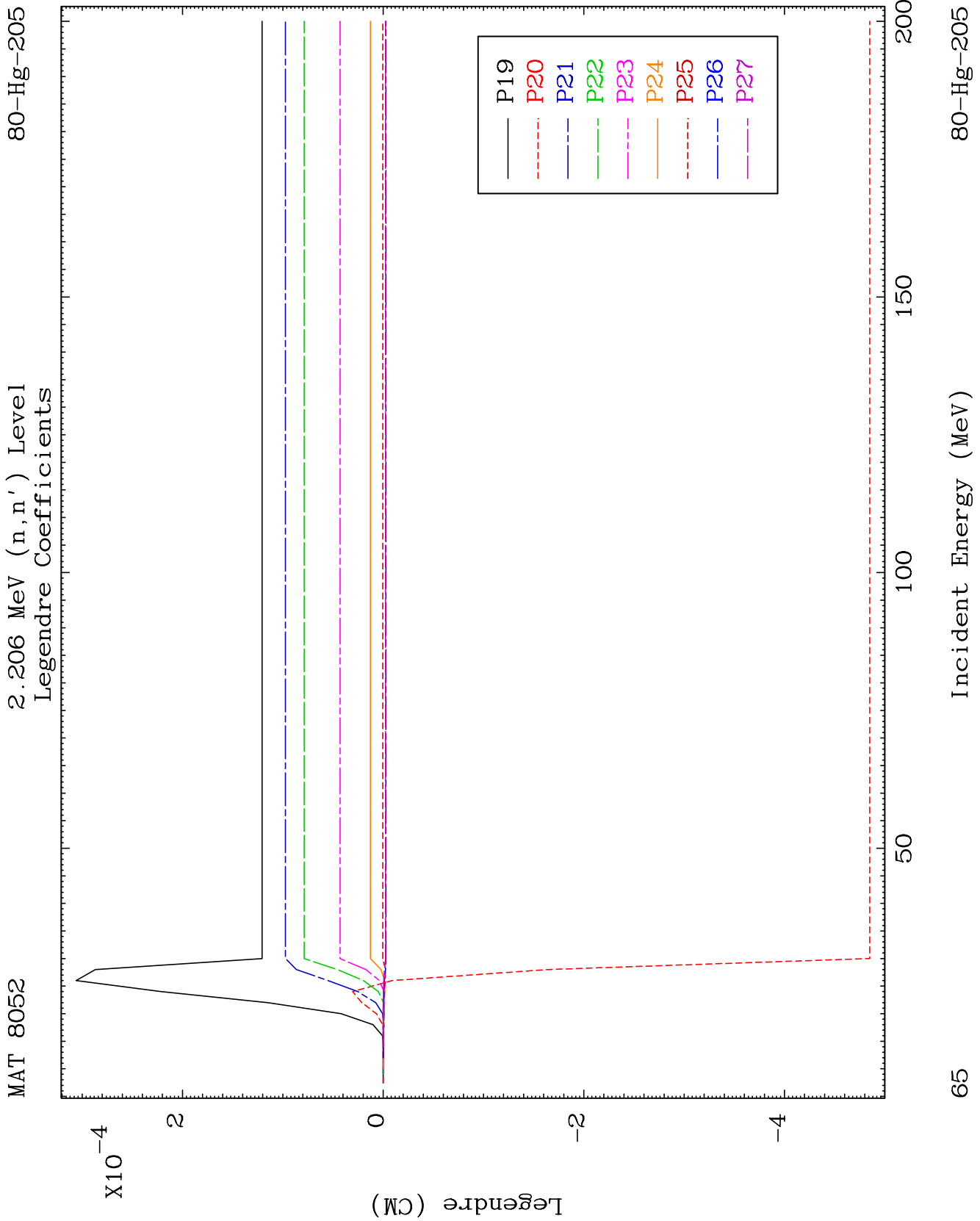
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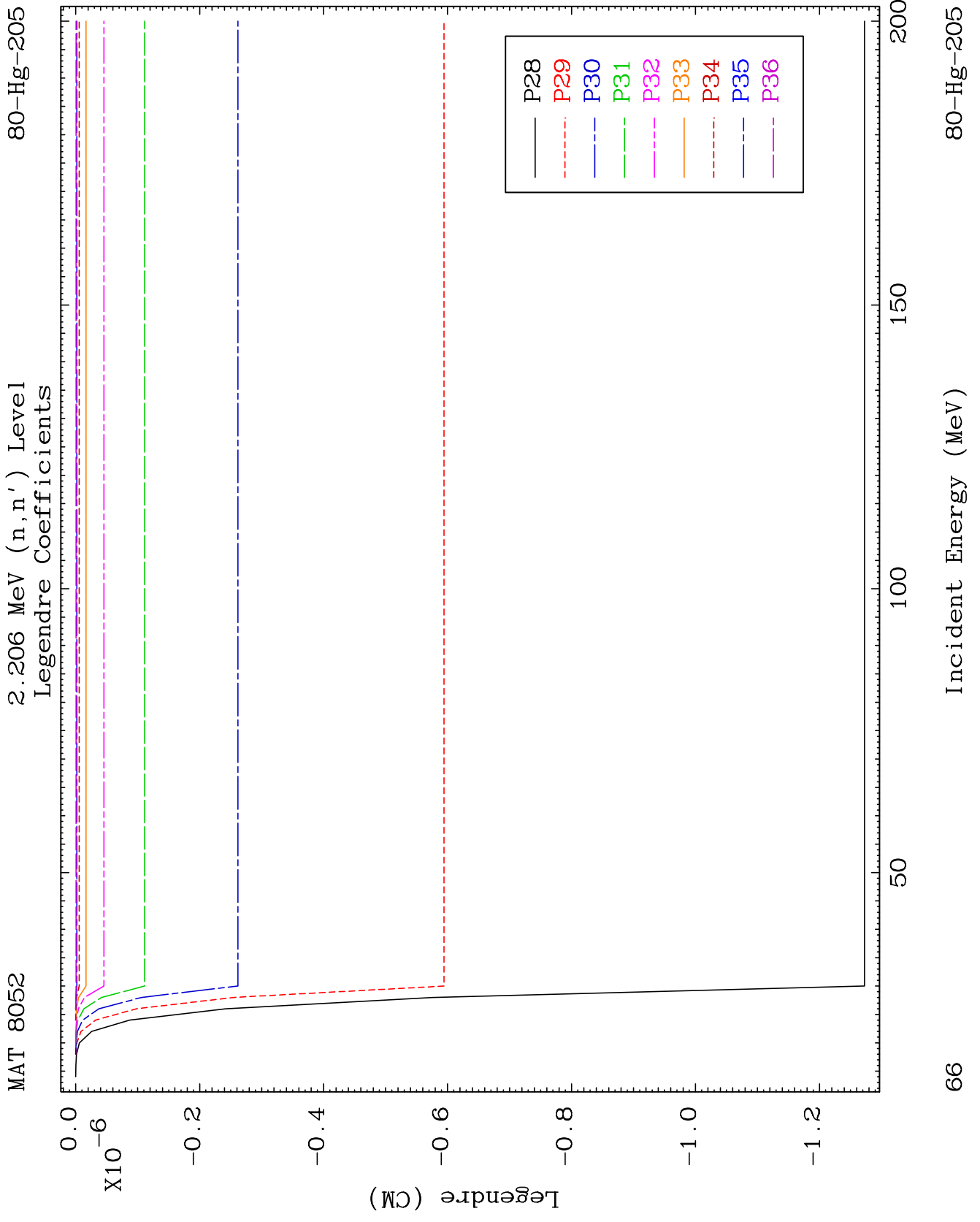


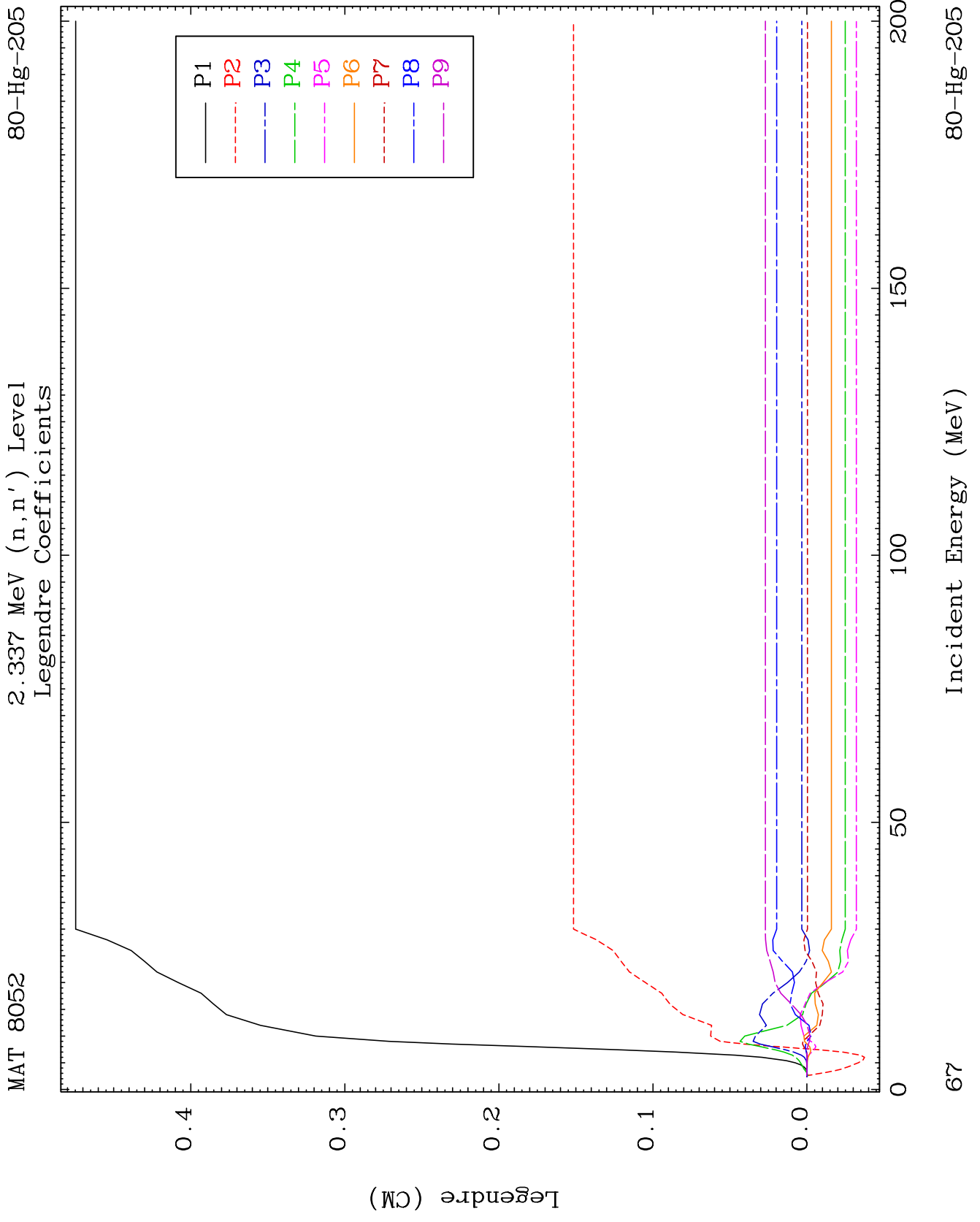
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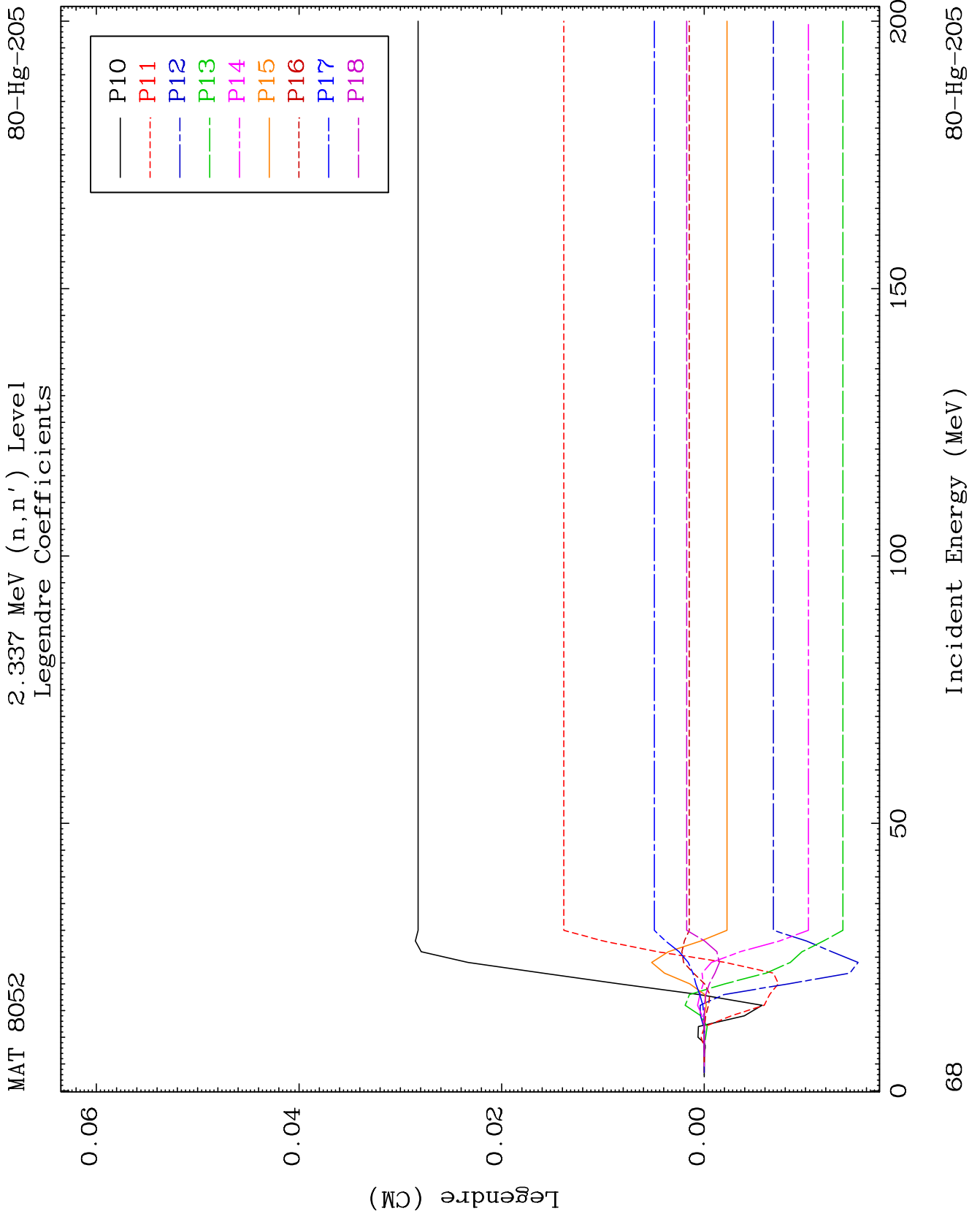
Incident Energy (MeV)

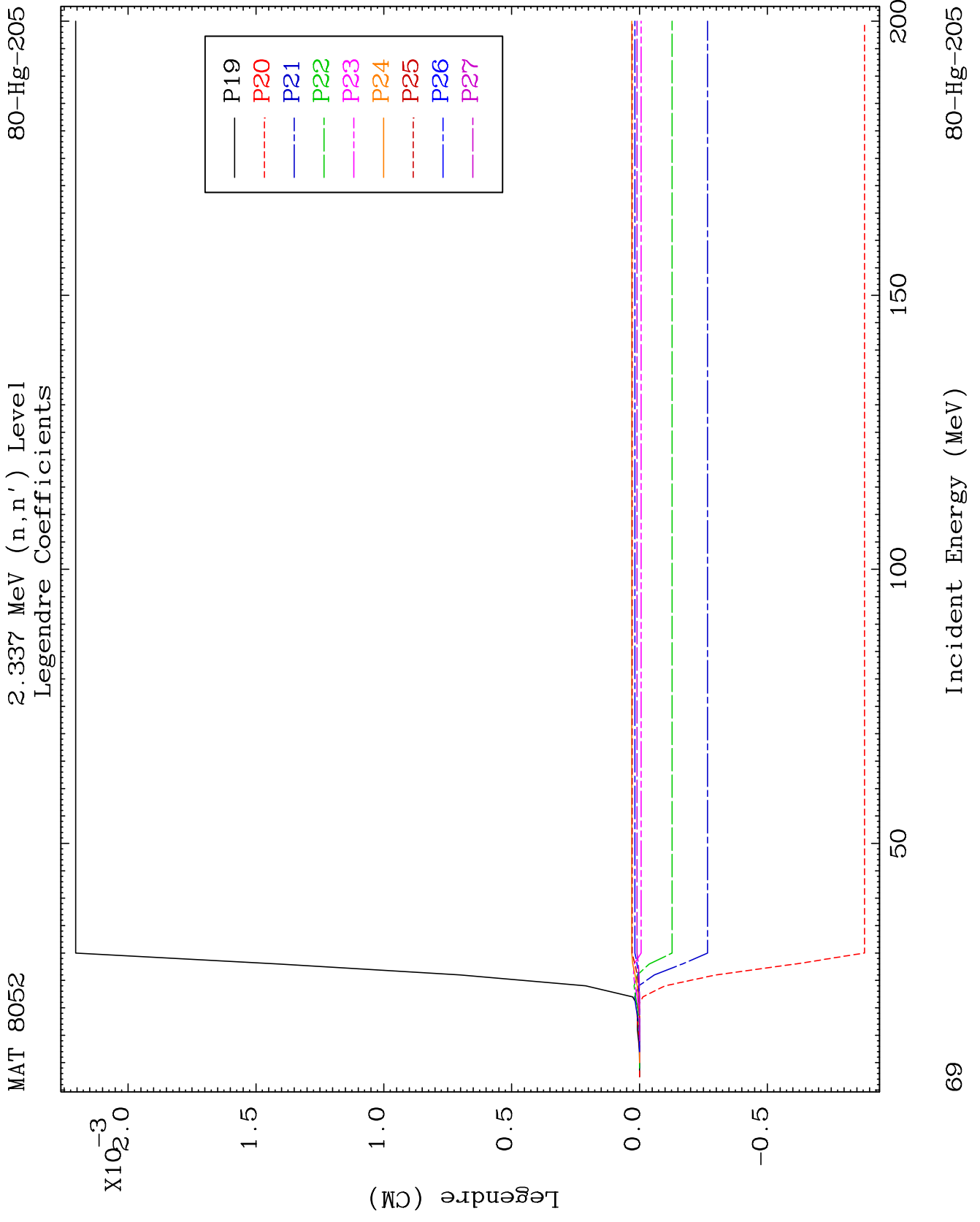
80-Hg-205

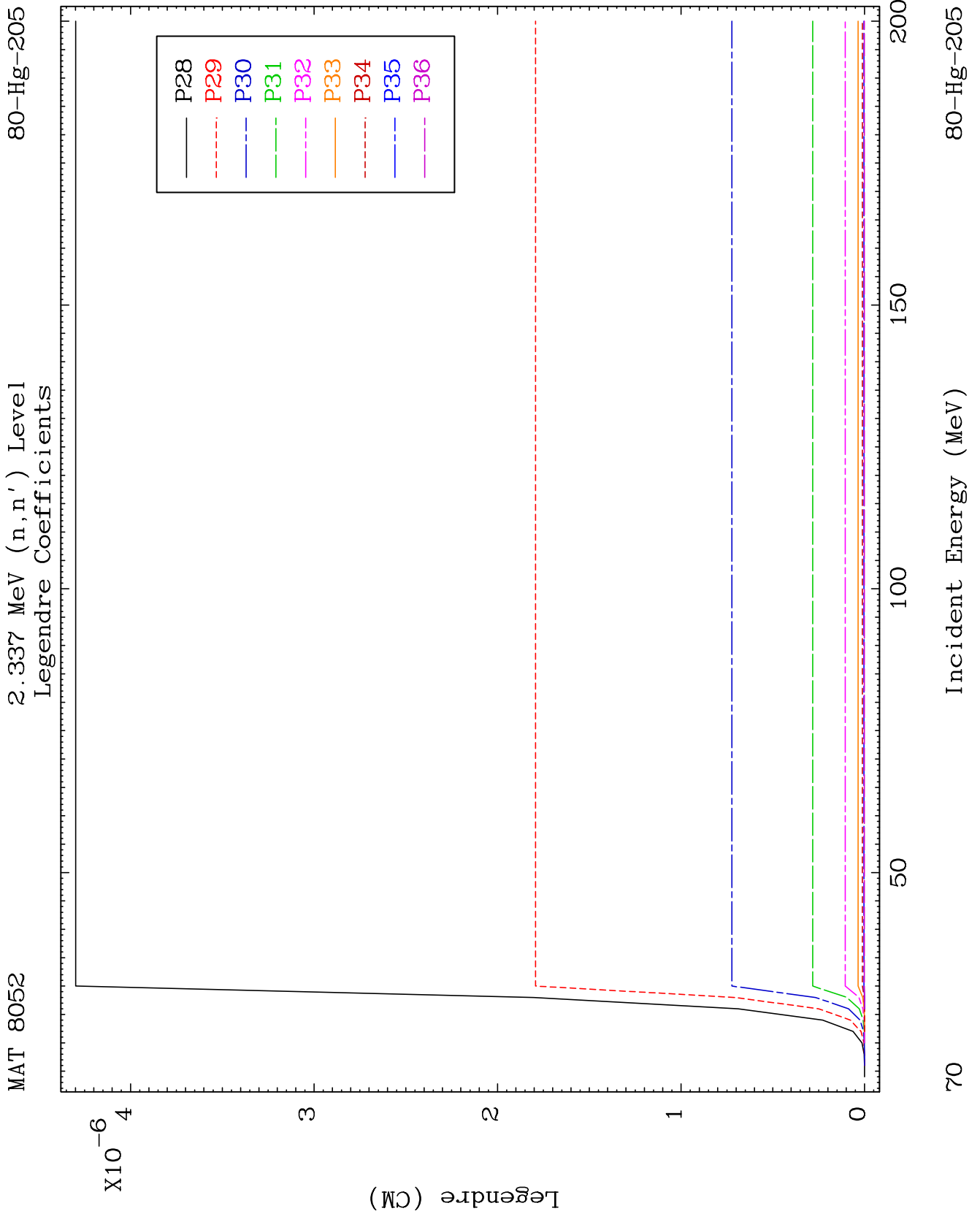


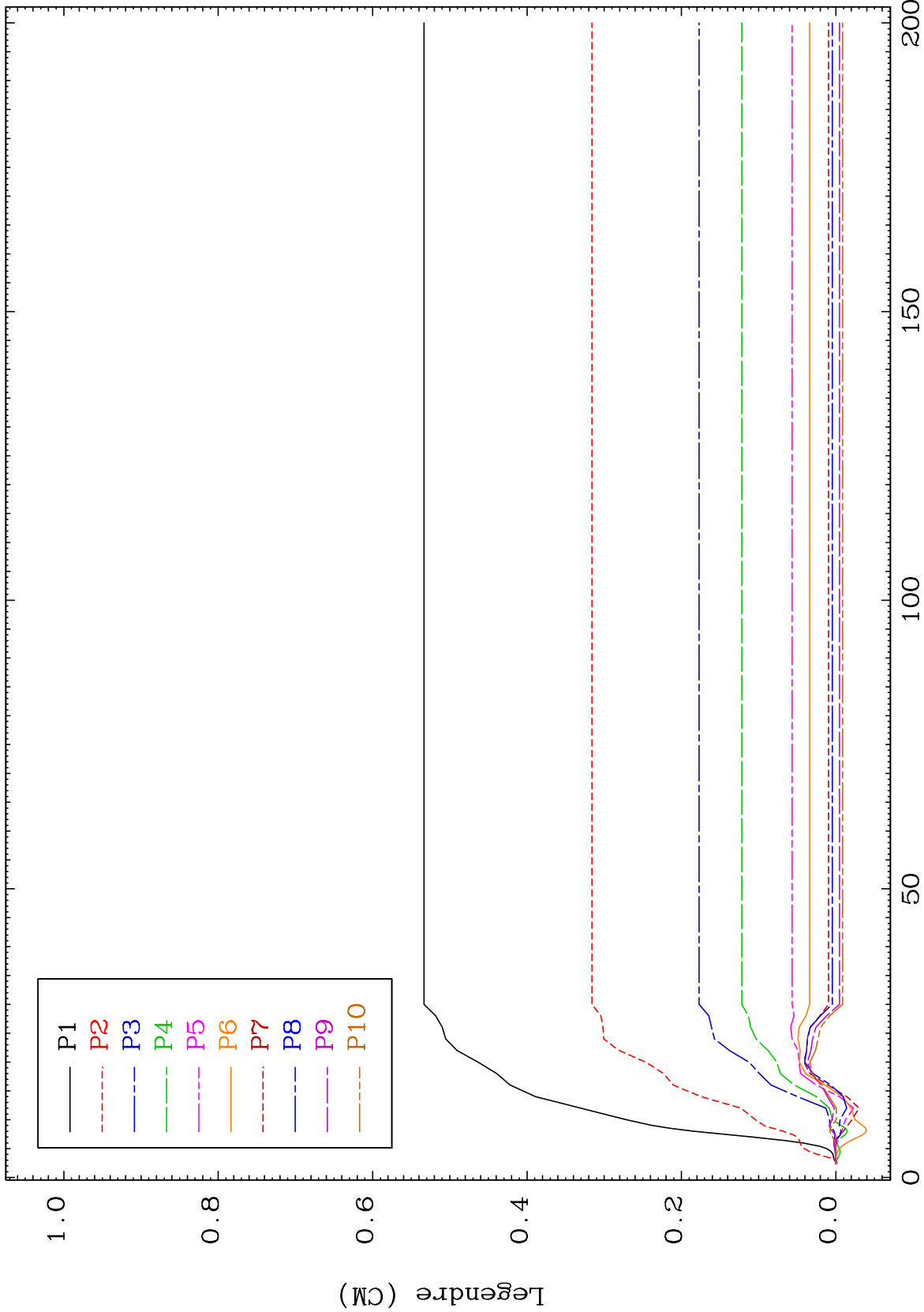










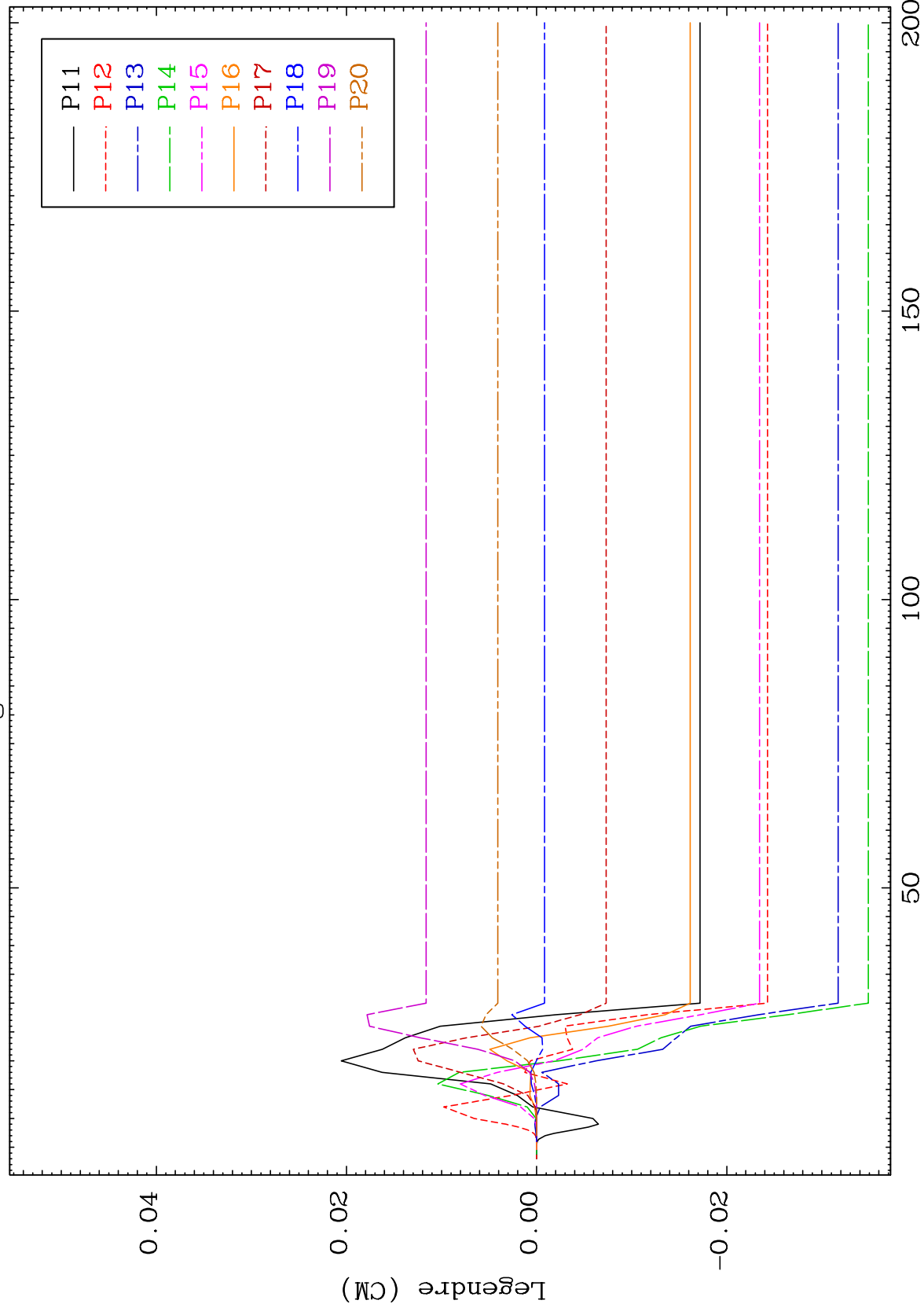




MAT 8052

2.351 MeV (n, n') Level  
Legendre Coefficients

80-Hg-205



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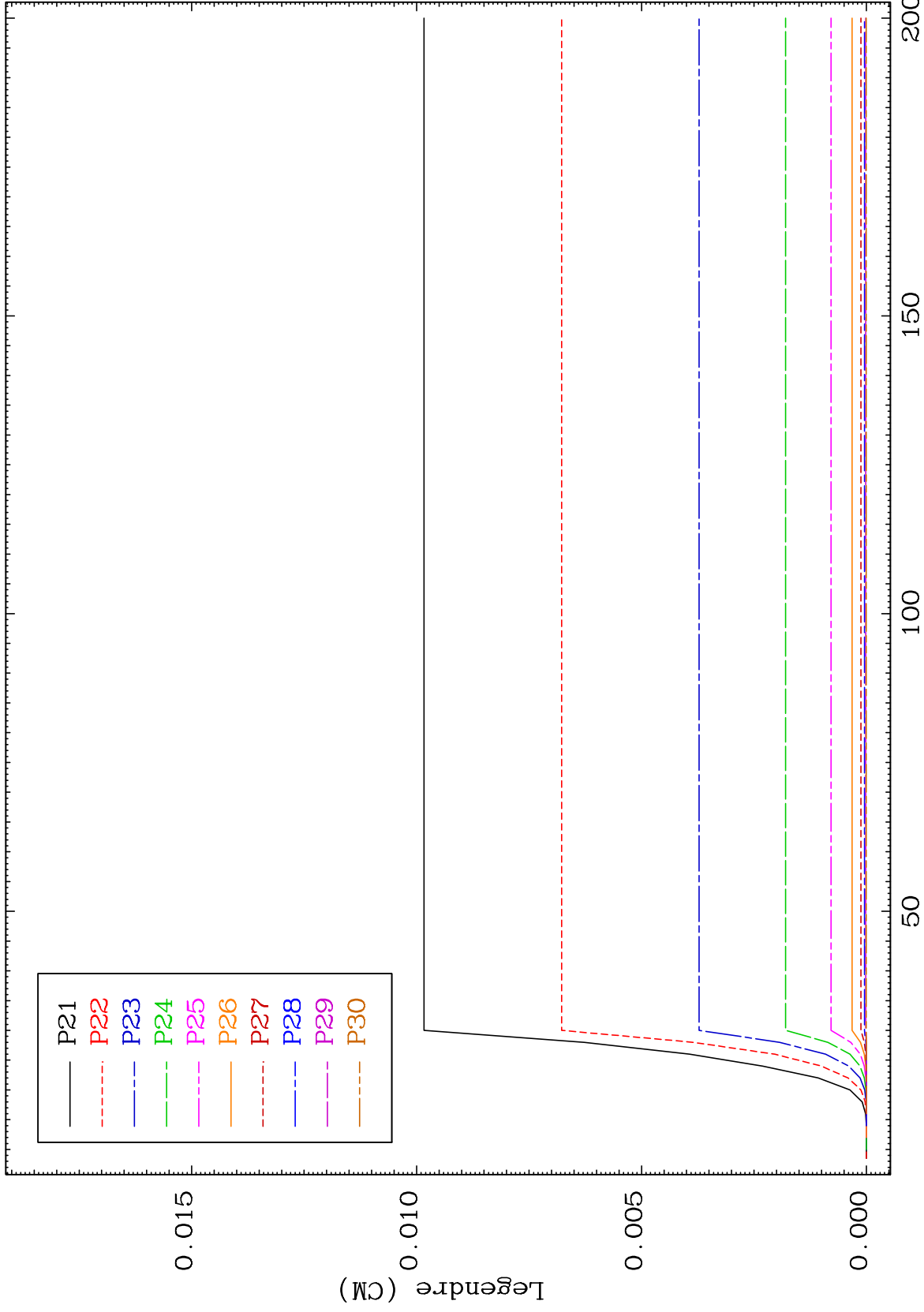
Incident Energy (MeV)

80-Hg-205

MAT 8052

2.351 MeV (n,n') Level  
Legendre Coefficients

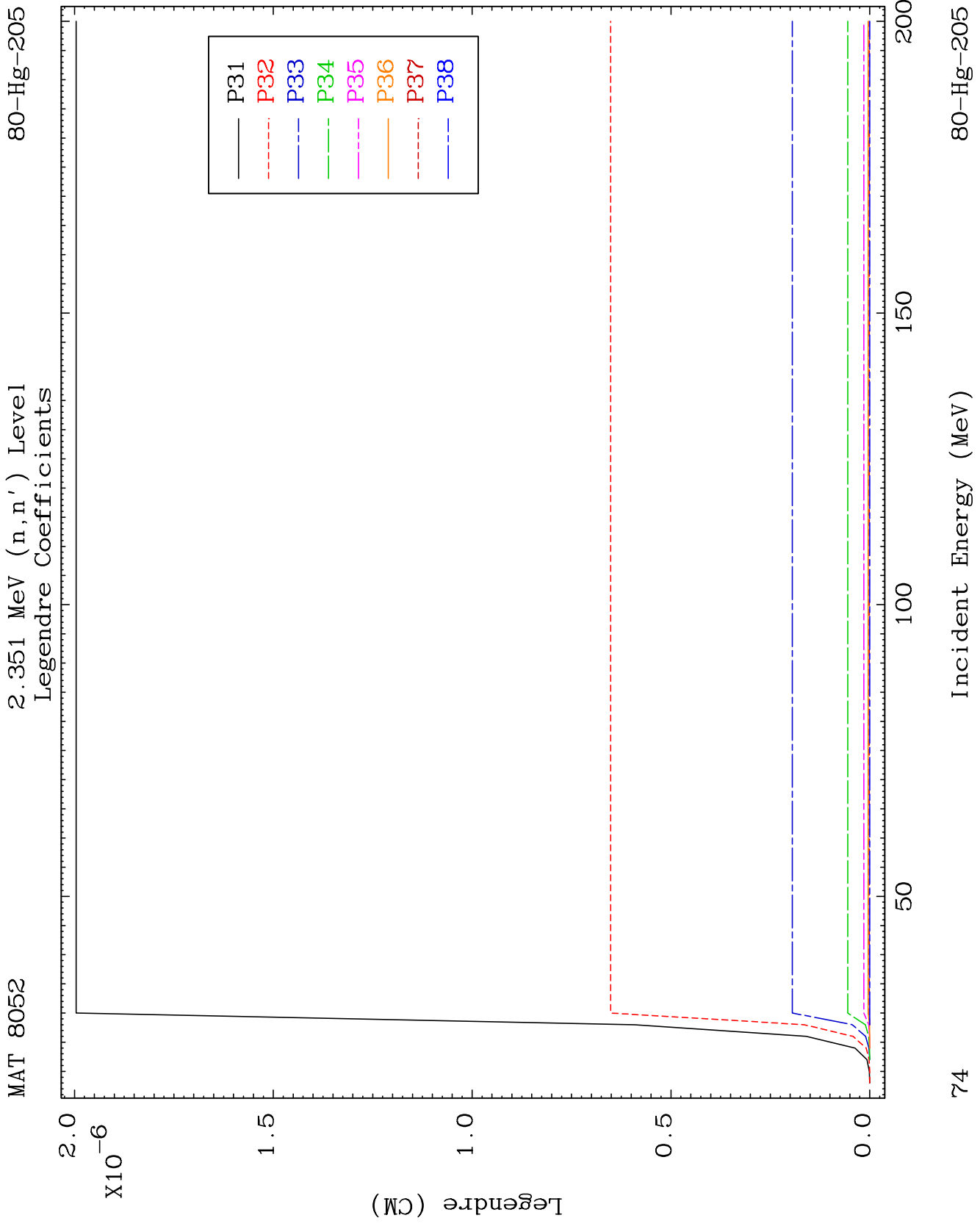
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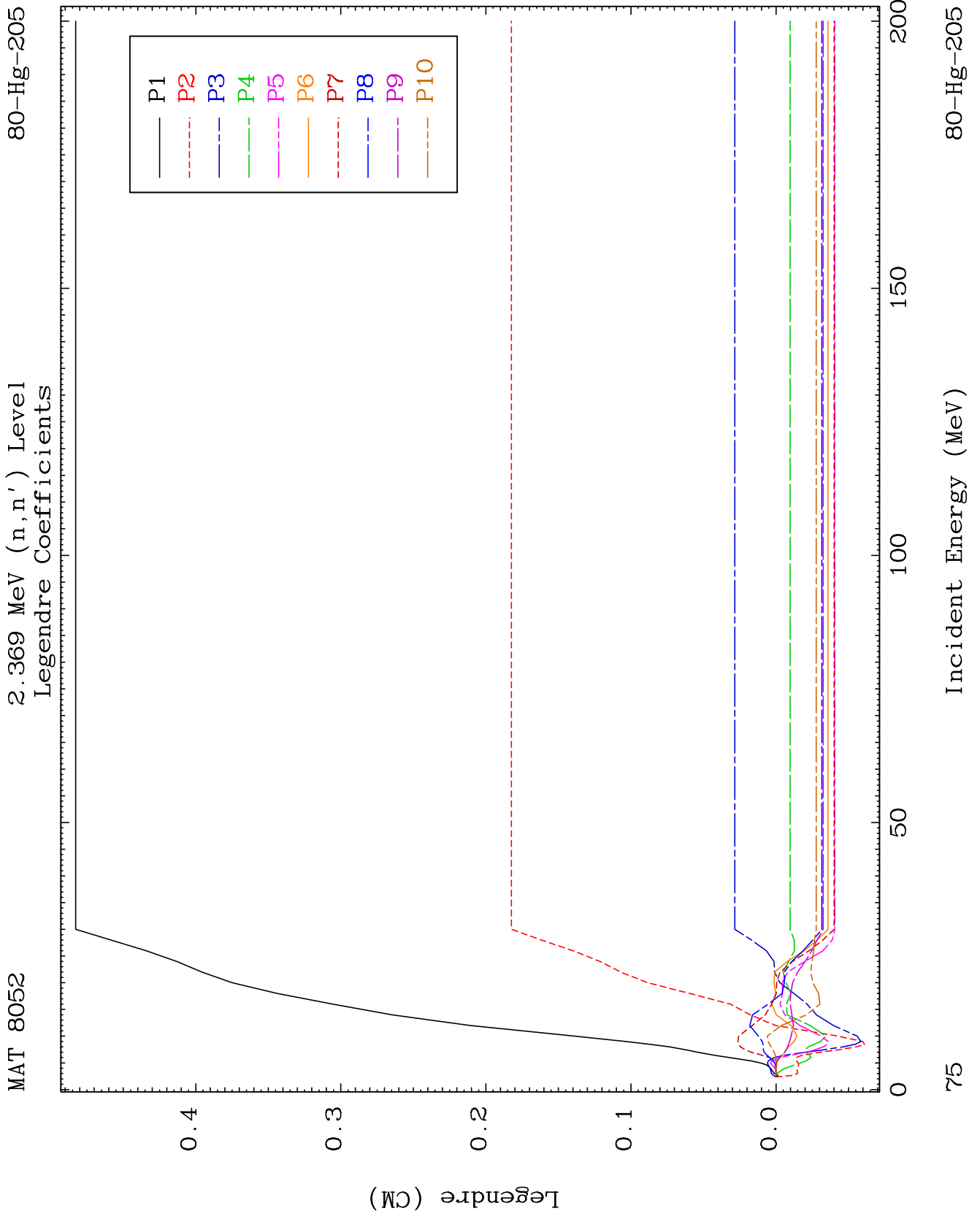


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Incident Energy (MeV)

80-Hg-205

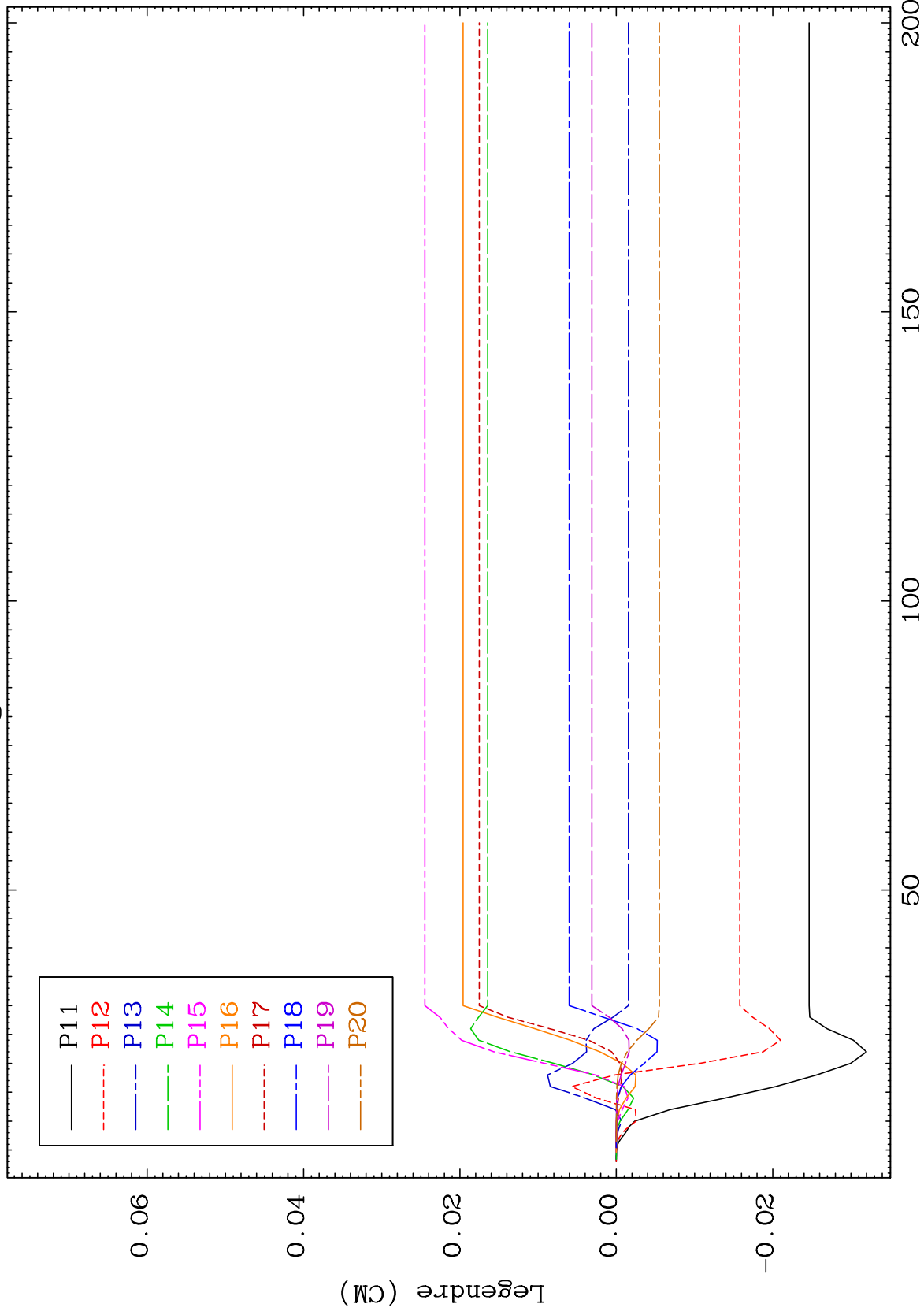




MAT 8052

2.369 MeV (n,n') Level  
Legendre Coefficients

80-Hg-205



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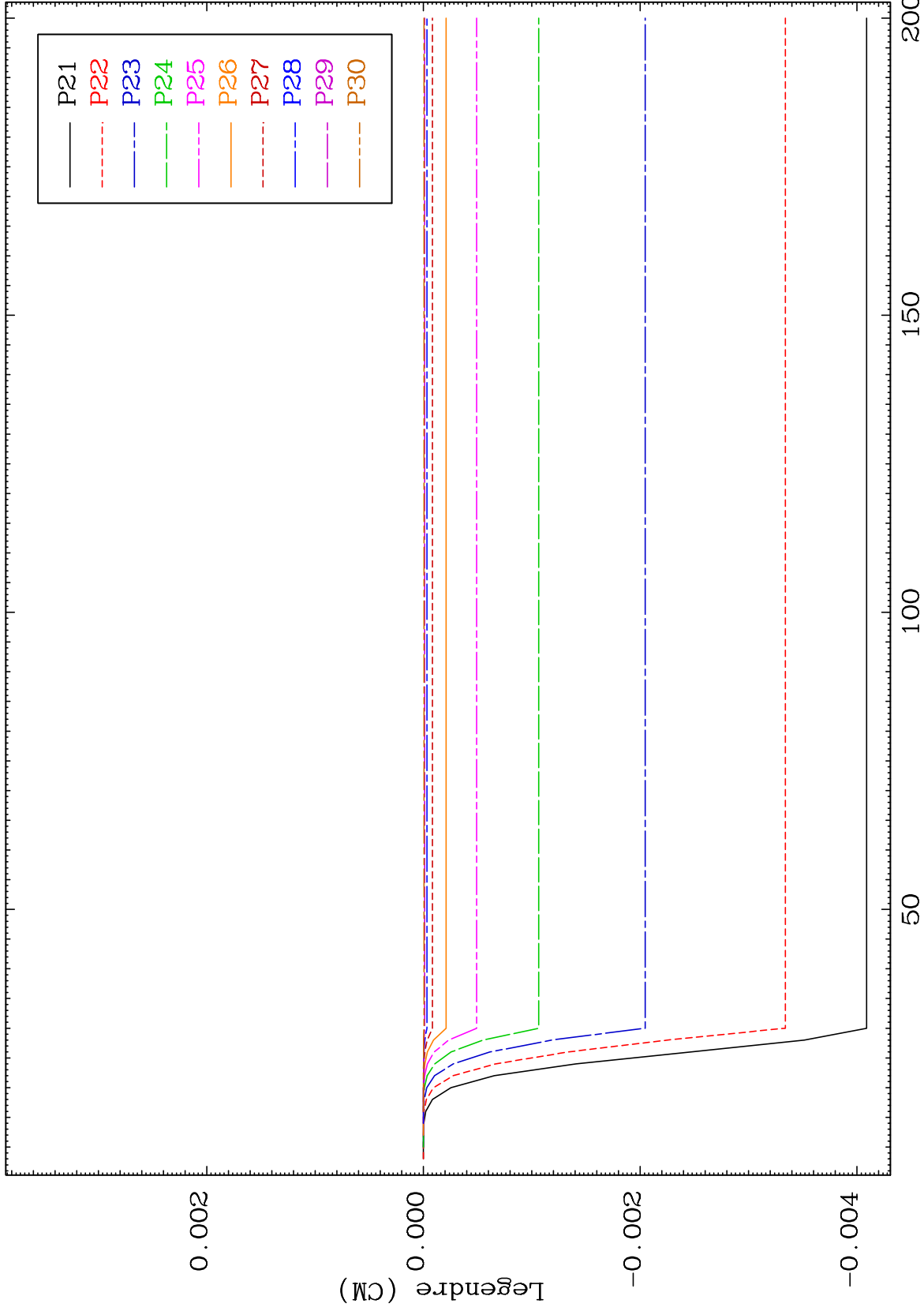
Incident Energy (MeV)

80-Hg-205

MAT 8052

2.369 MeV (n,n') Level  
Legendre Coefficients

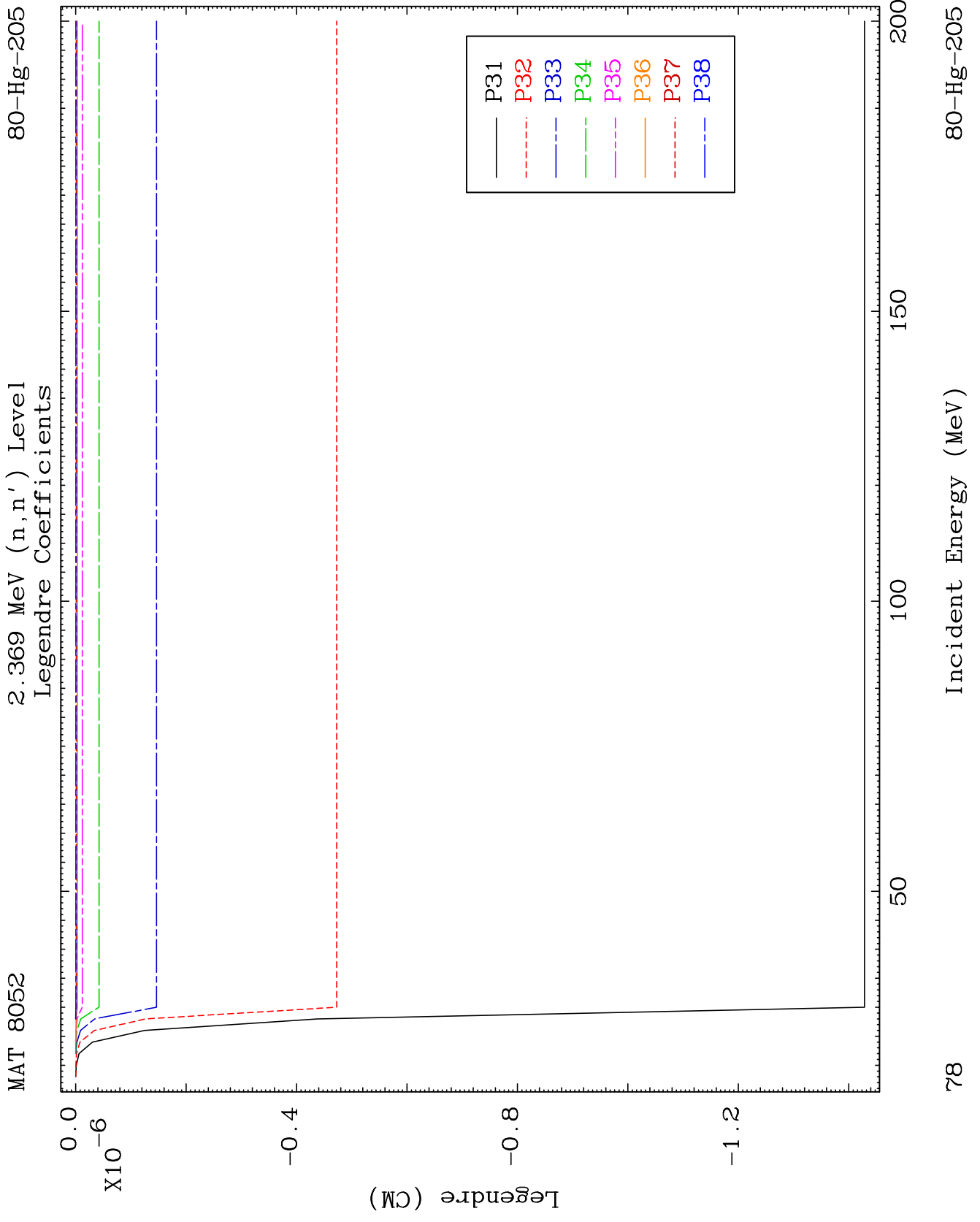
80-Hg-205



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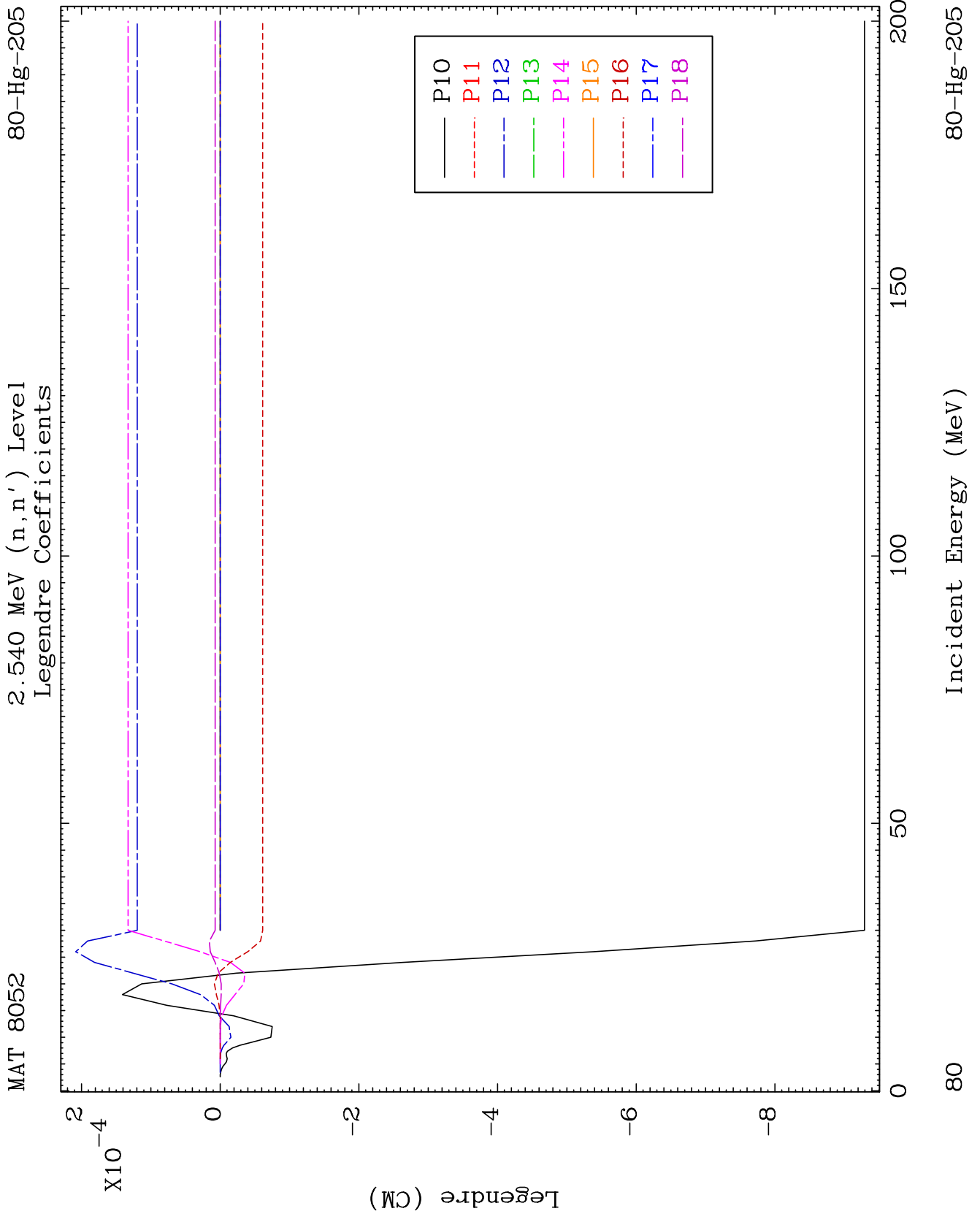
Incident Energy (MeV)

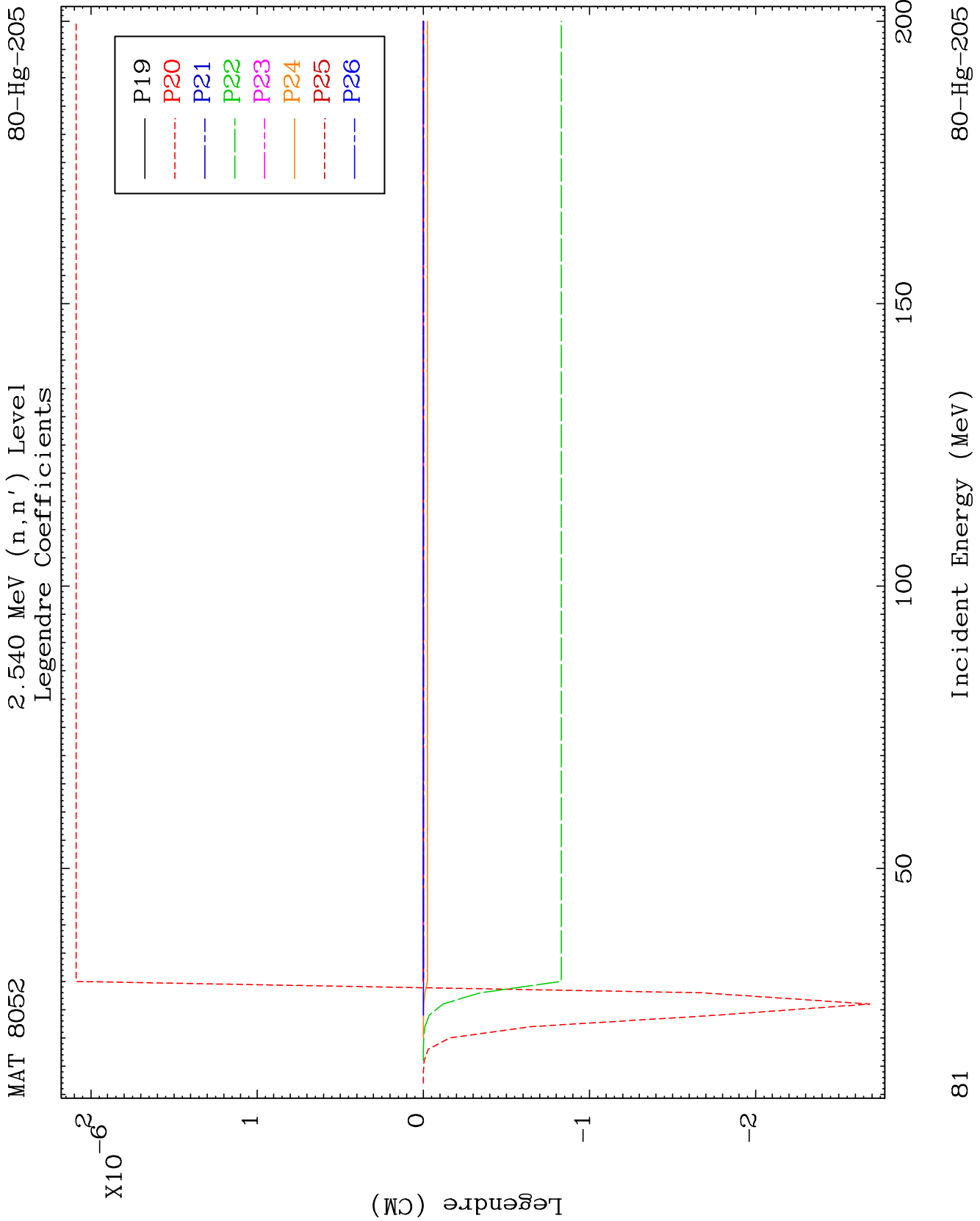
80-Hg-205







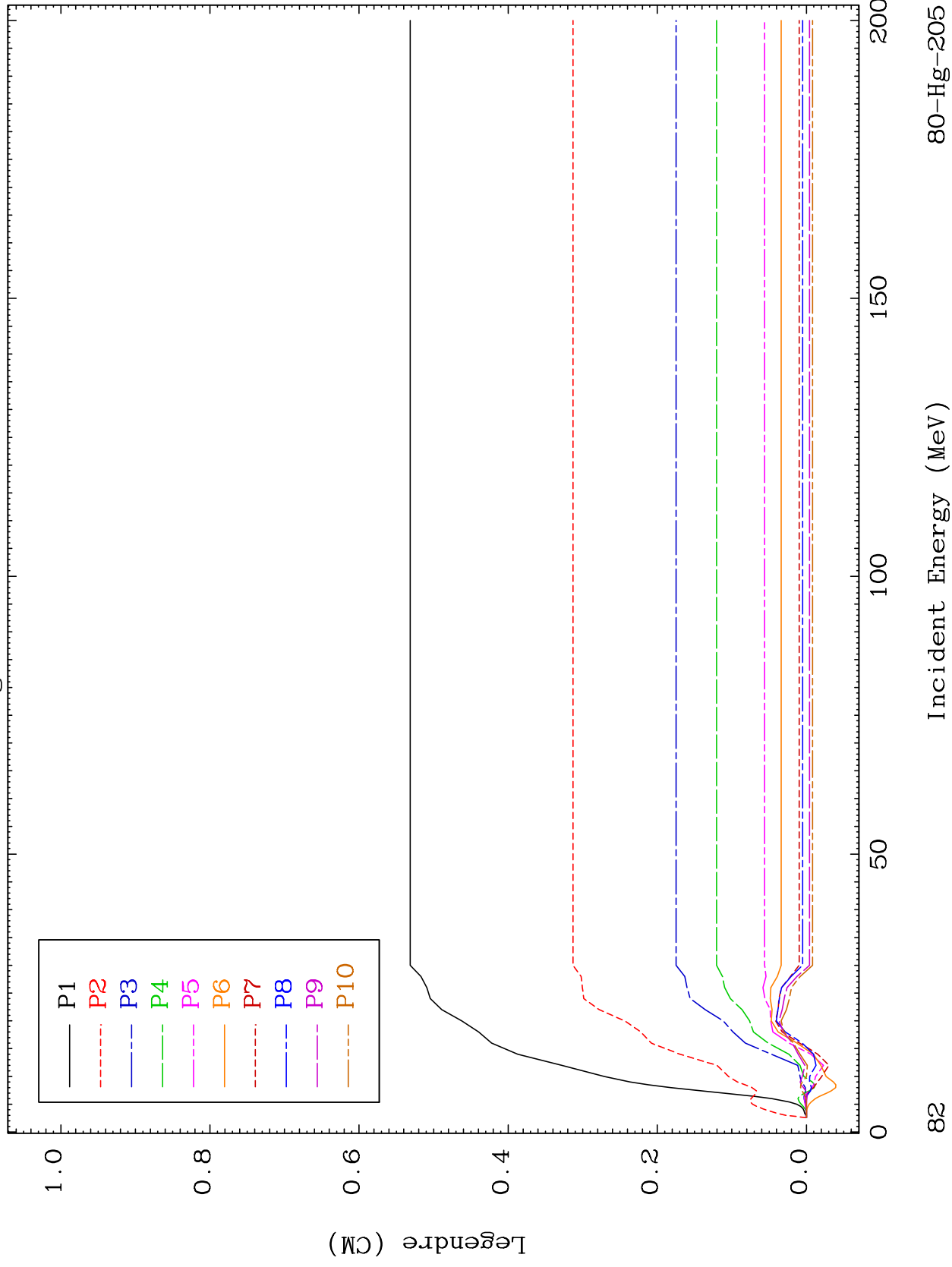




MAT 8052

2.566 MeV (n, n') Level  
Legendre Coefficients

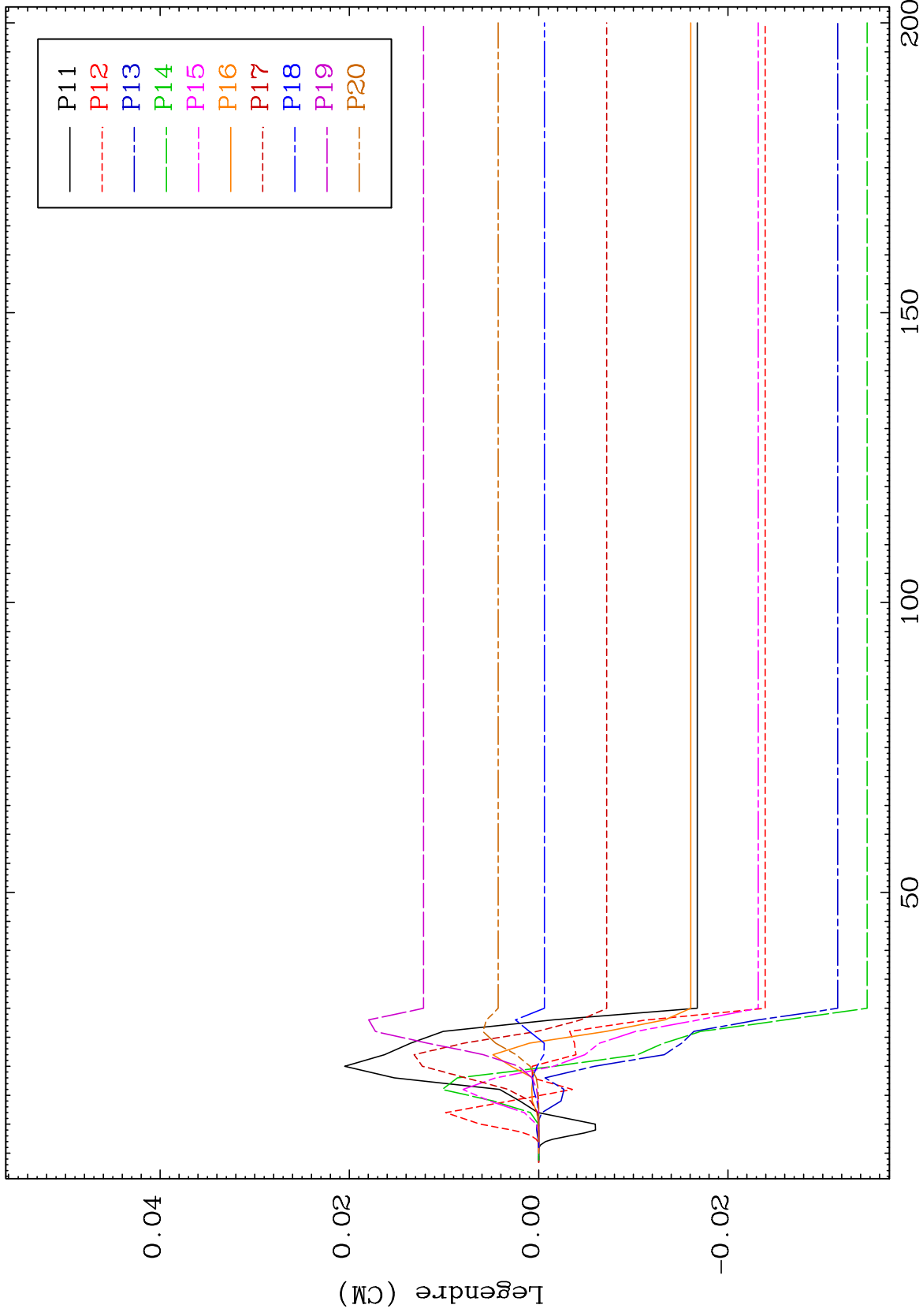
80-Hg-205



82

Incident Energy (MeV)

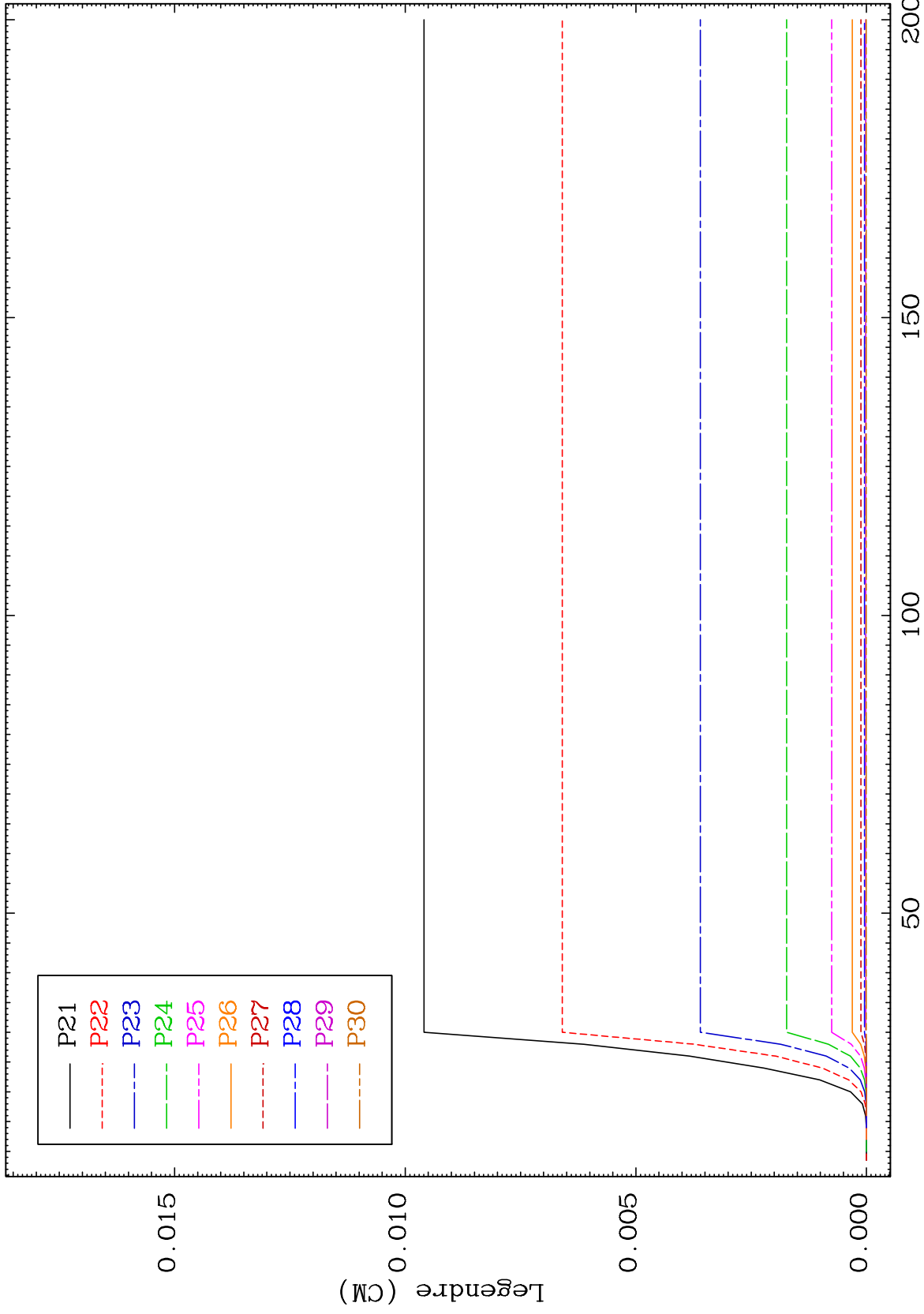
80-Hg-205



MAT 8052

2.566 MeV (n,n') Level  
Legendre Coefficients

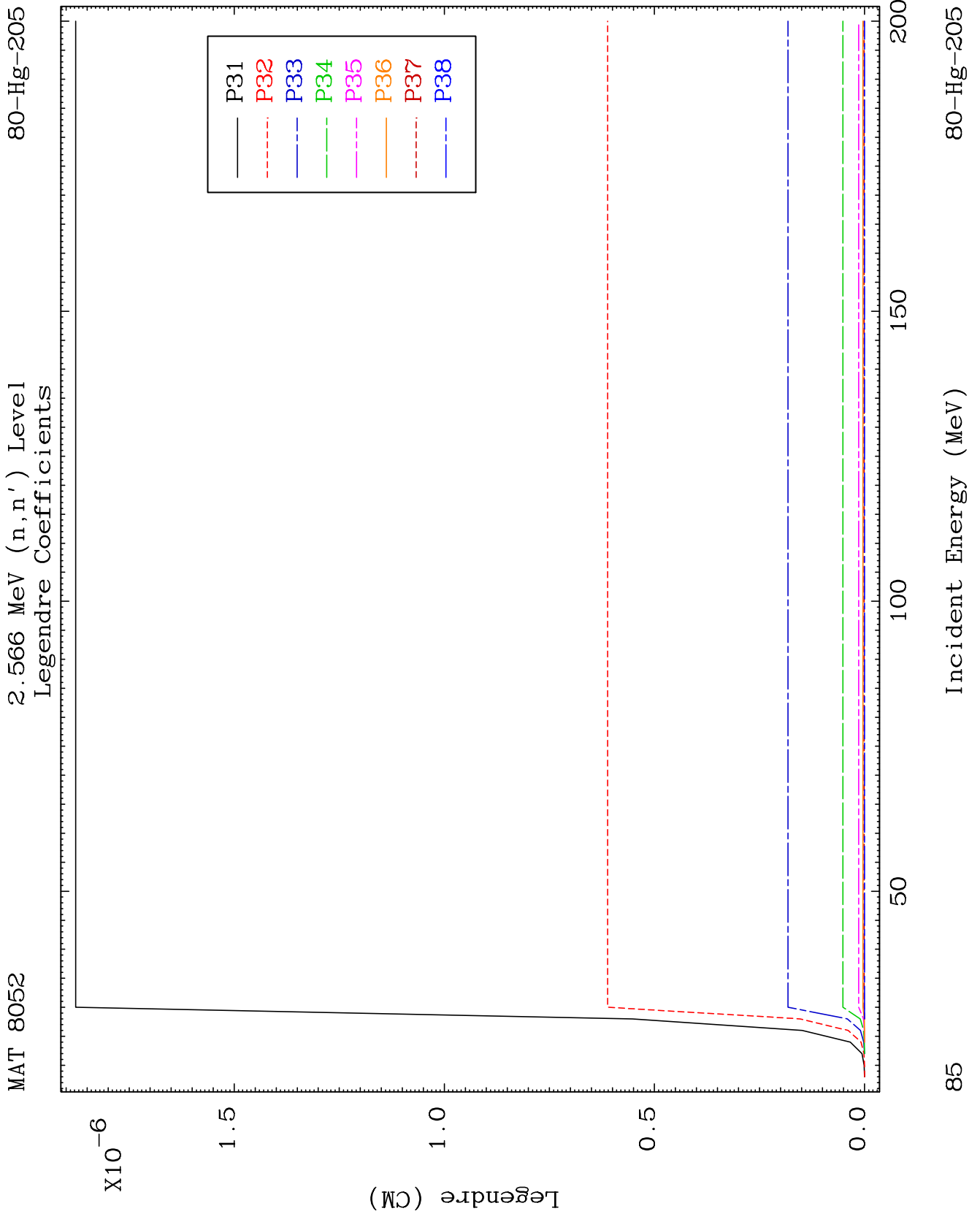
80-Hg-205

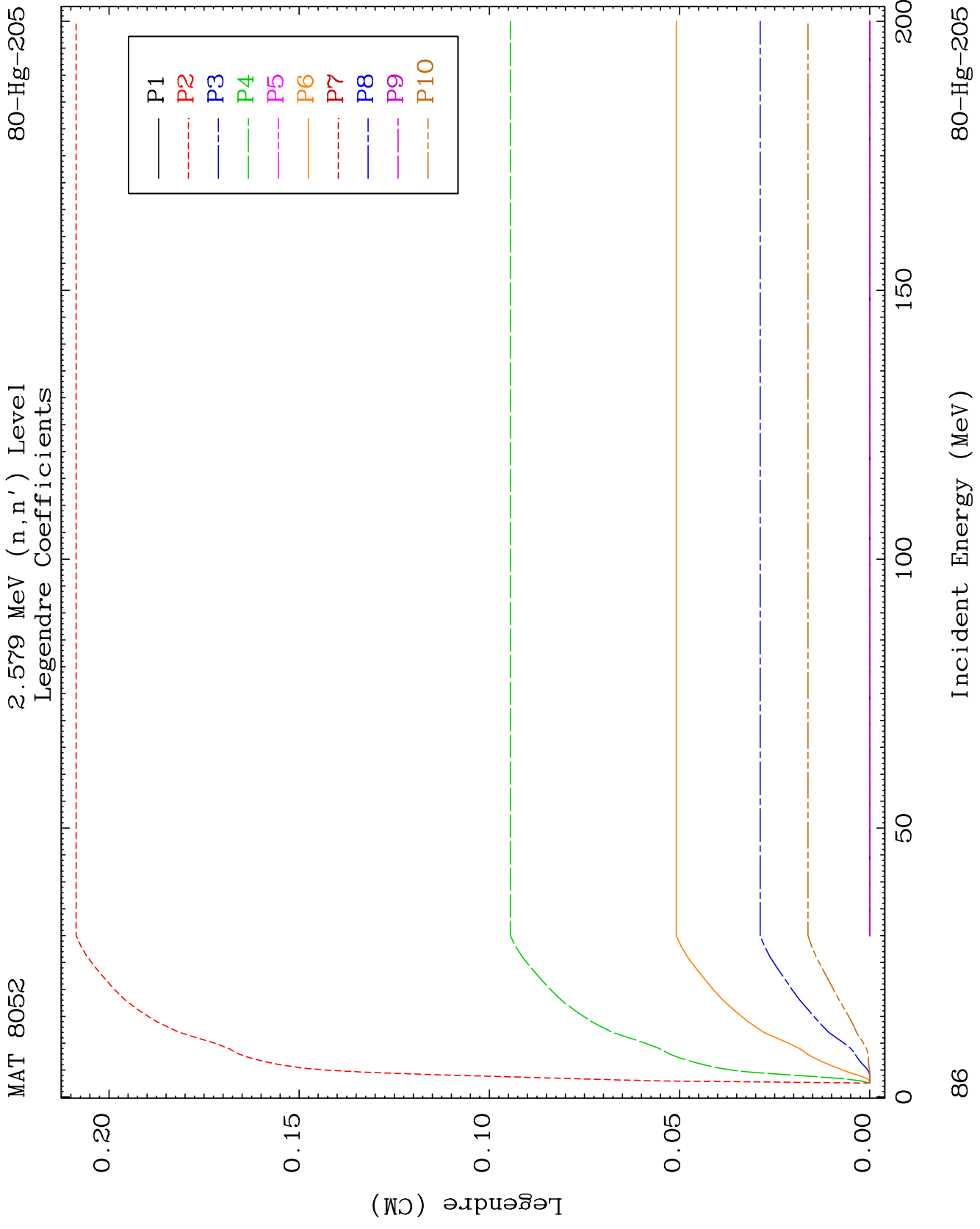


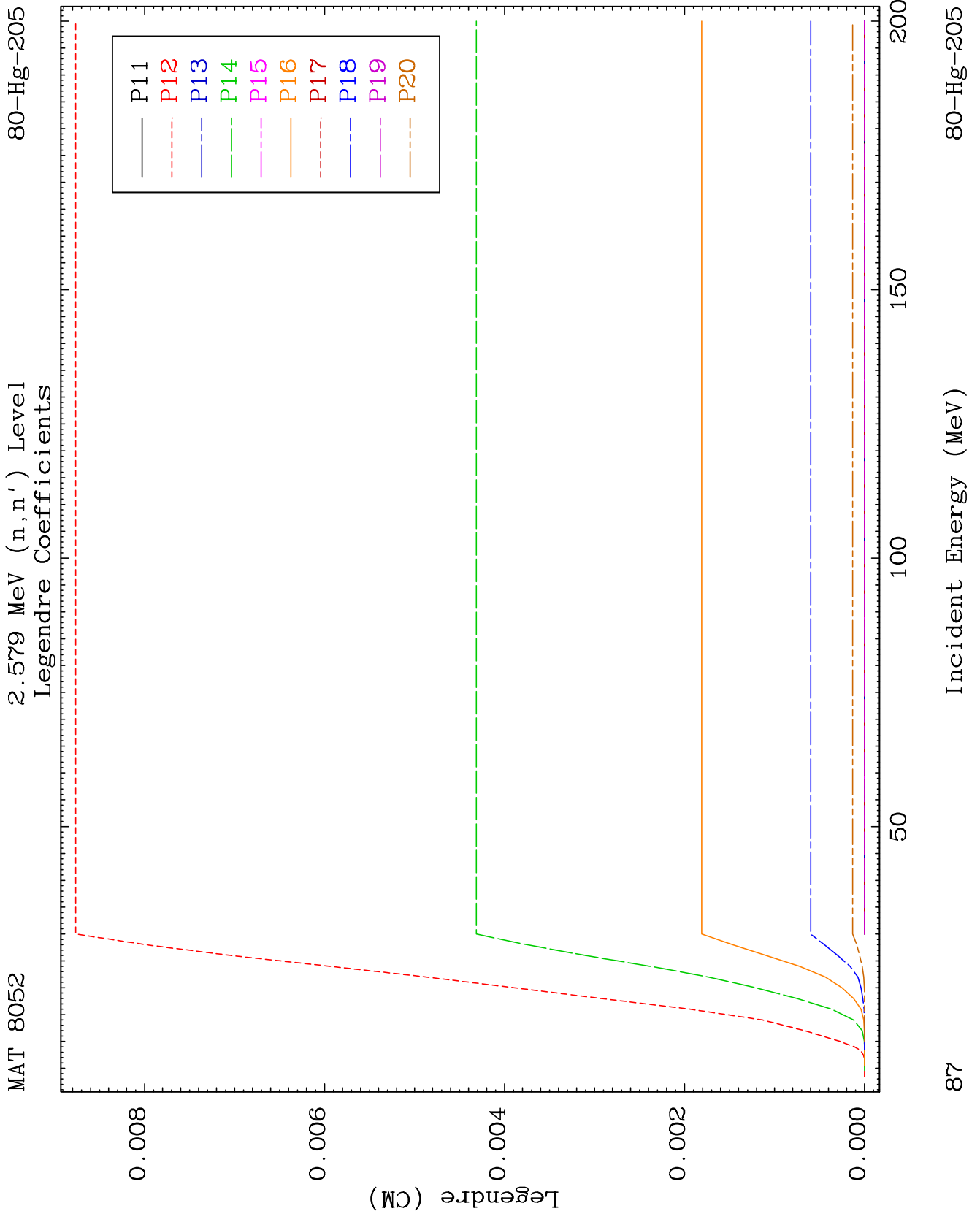
84

Incident Energy (MeV)

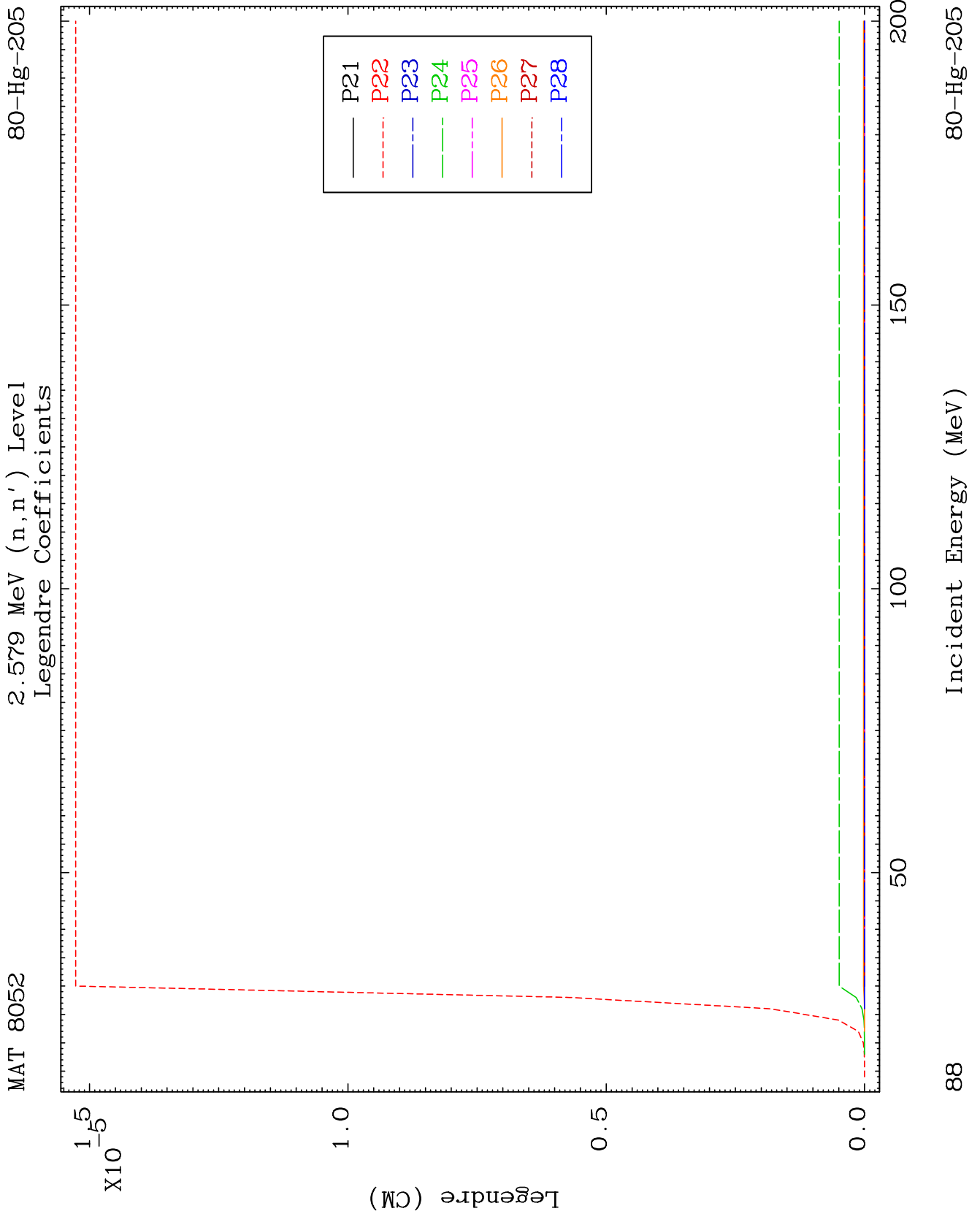
80-Hg-205







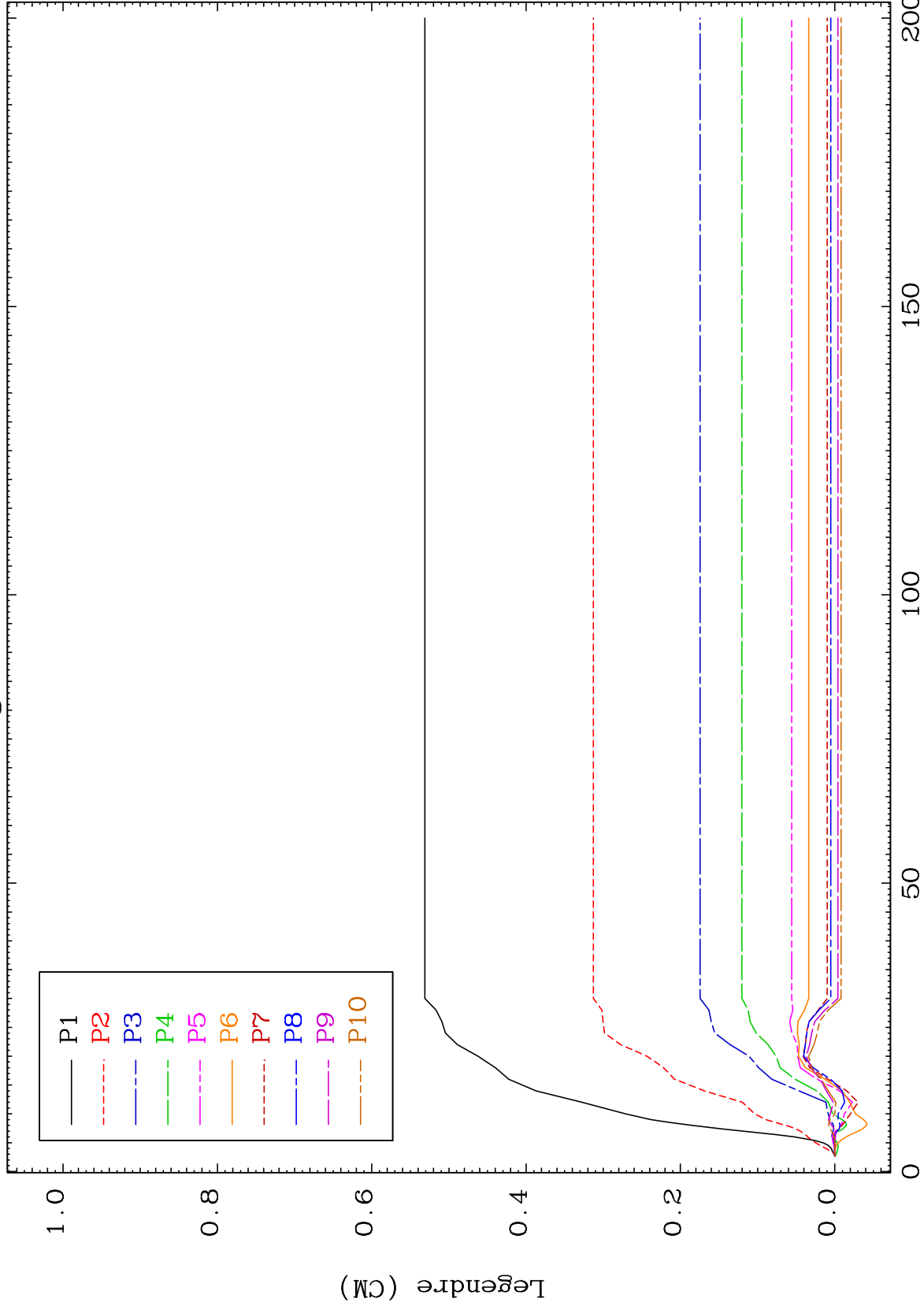




MAT 8052

2.591 MeV (n, n') Level  
Legendre Coefficients

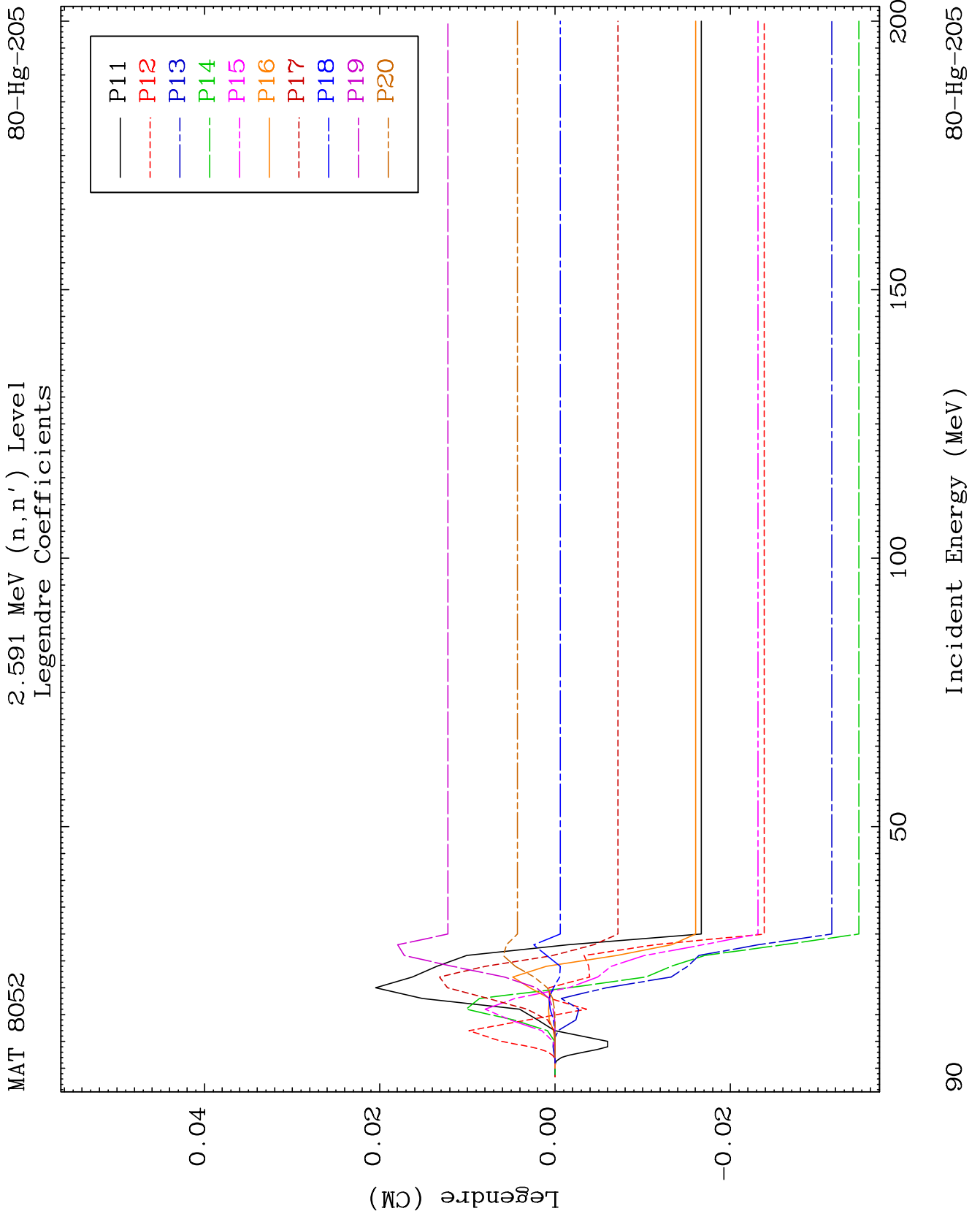
80-Hg-205



89

Incident Energy (MeV)

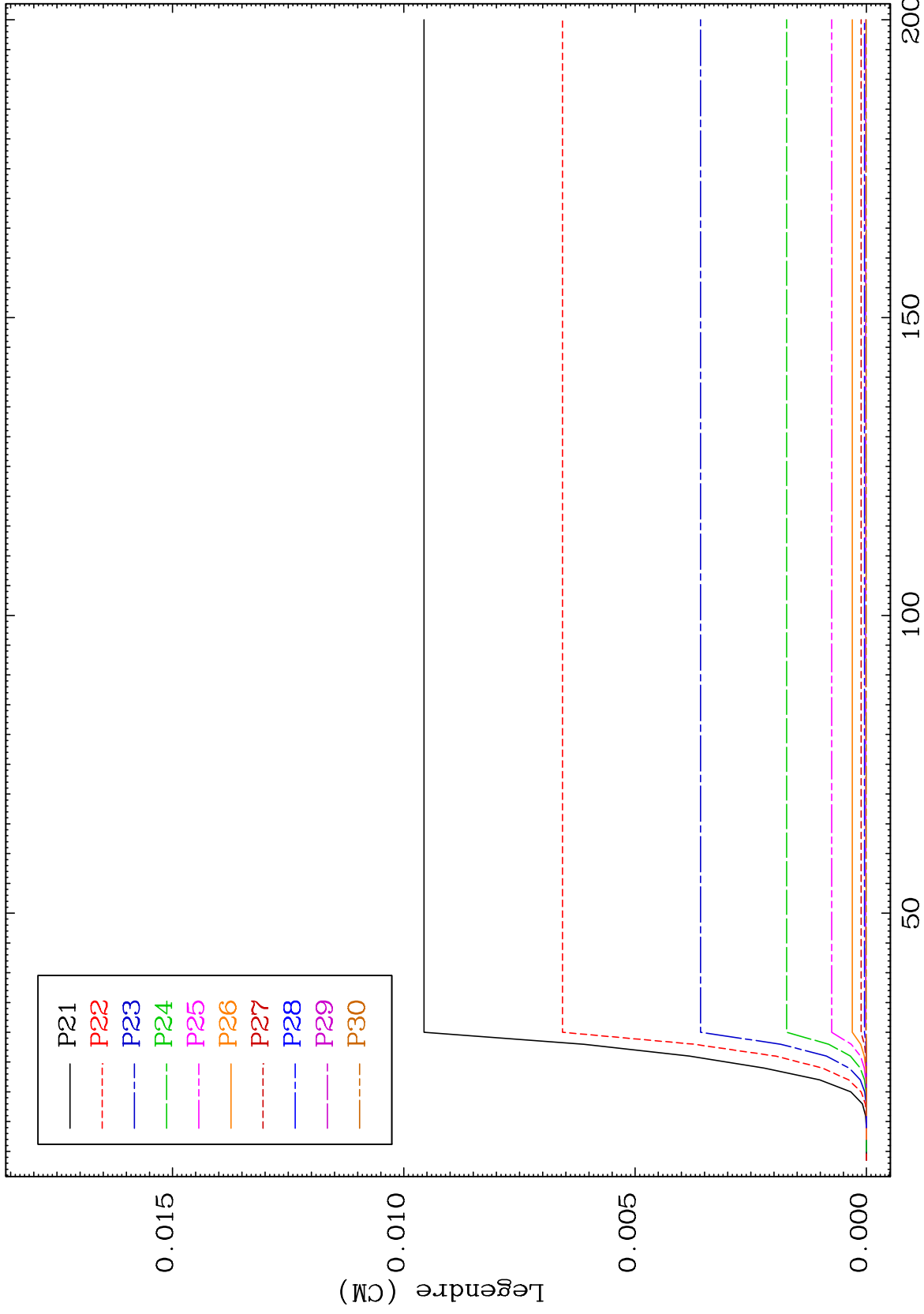
80-Hg-205



MAT 8052

2.591 MeV (n,n') Level  
Legendre Coefficients

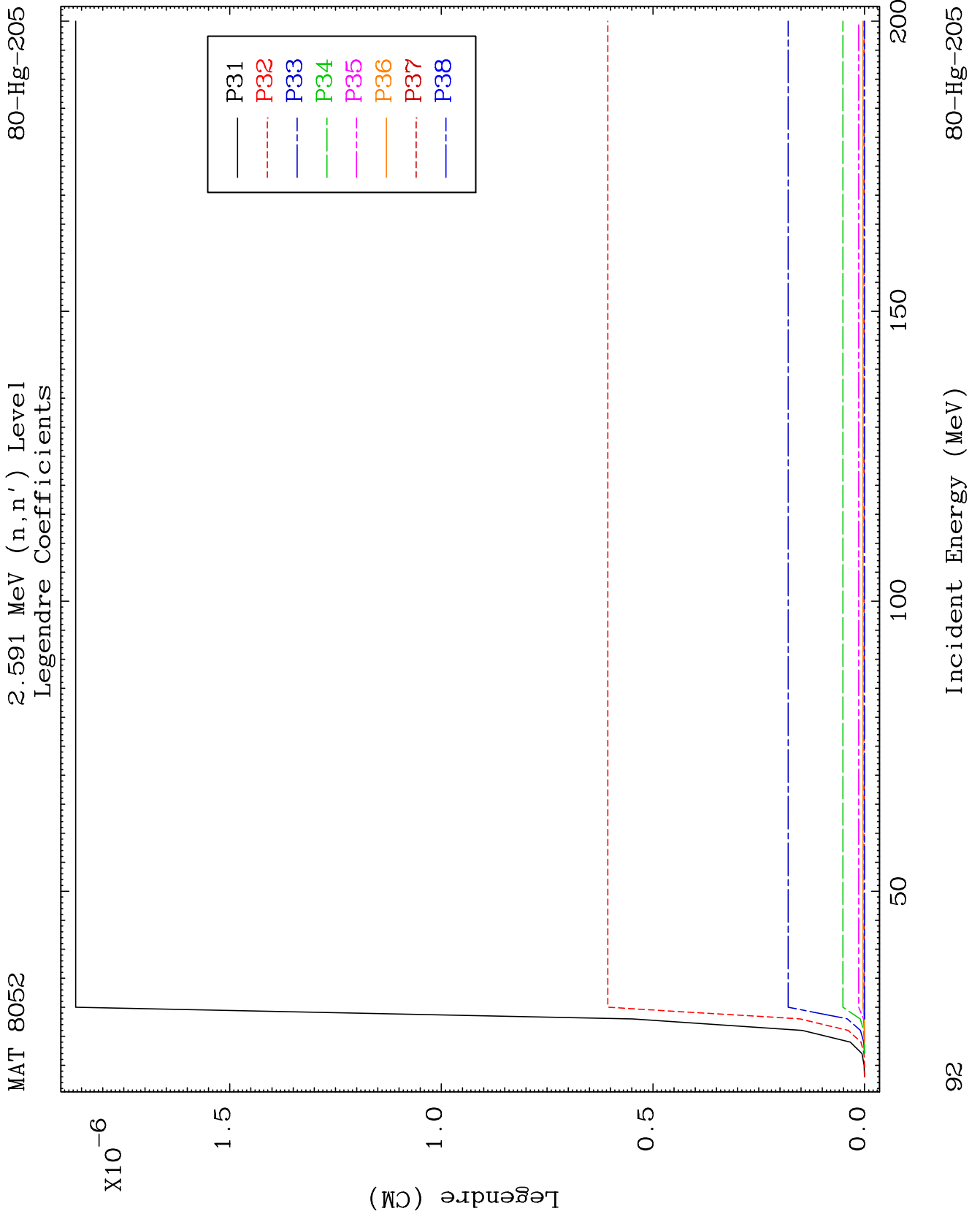
80-Hg-205



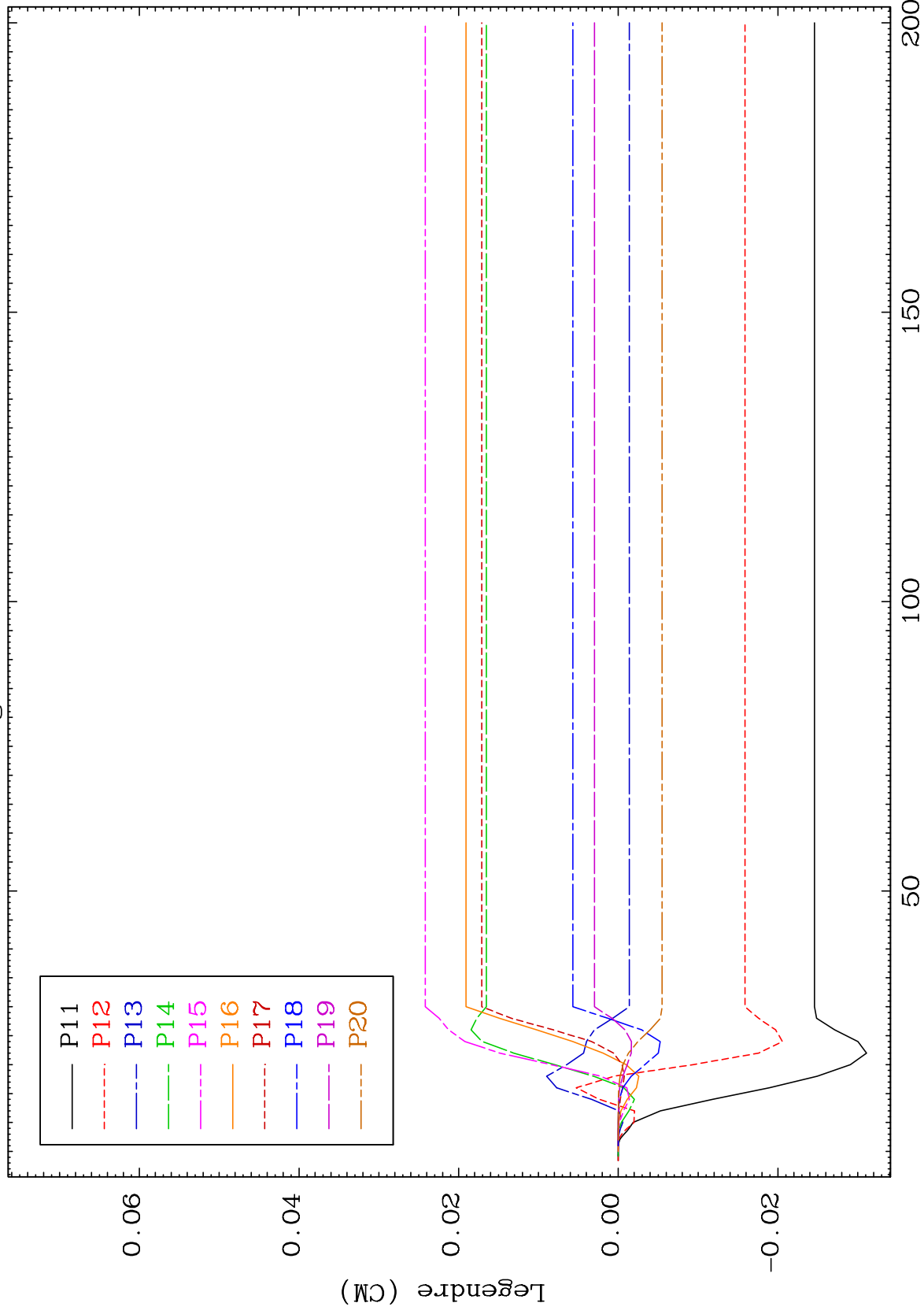
91

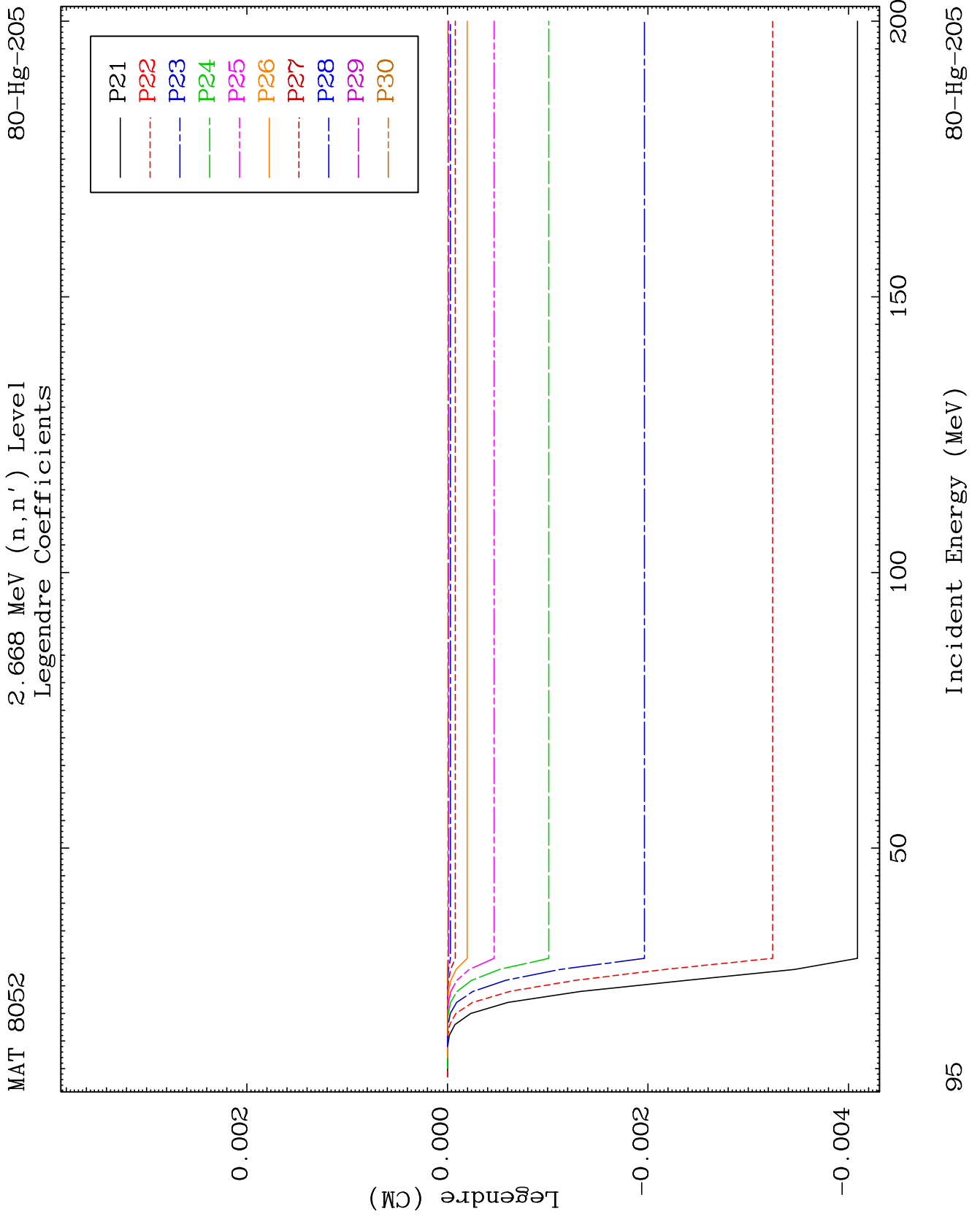
Incident Energy (MeV)

80-Hg-205

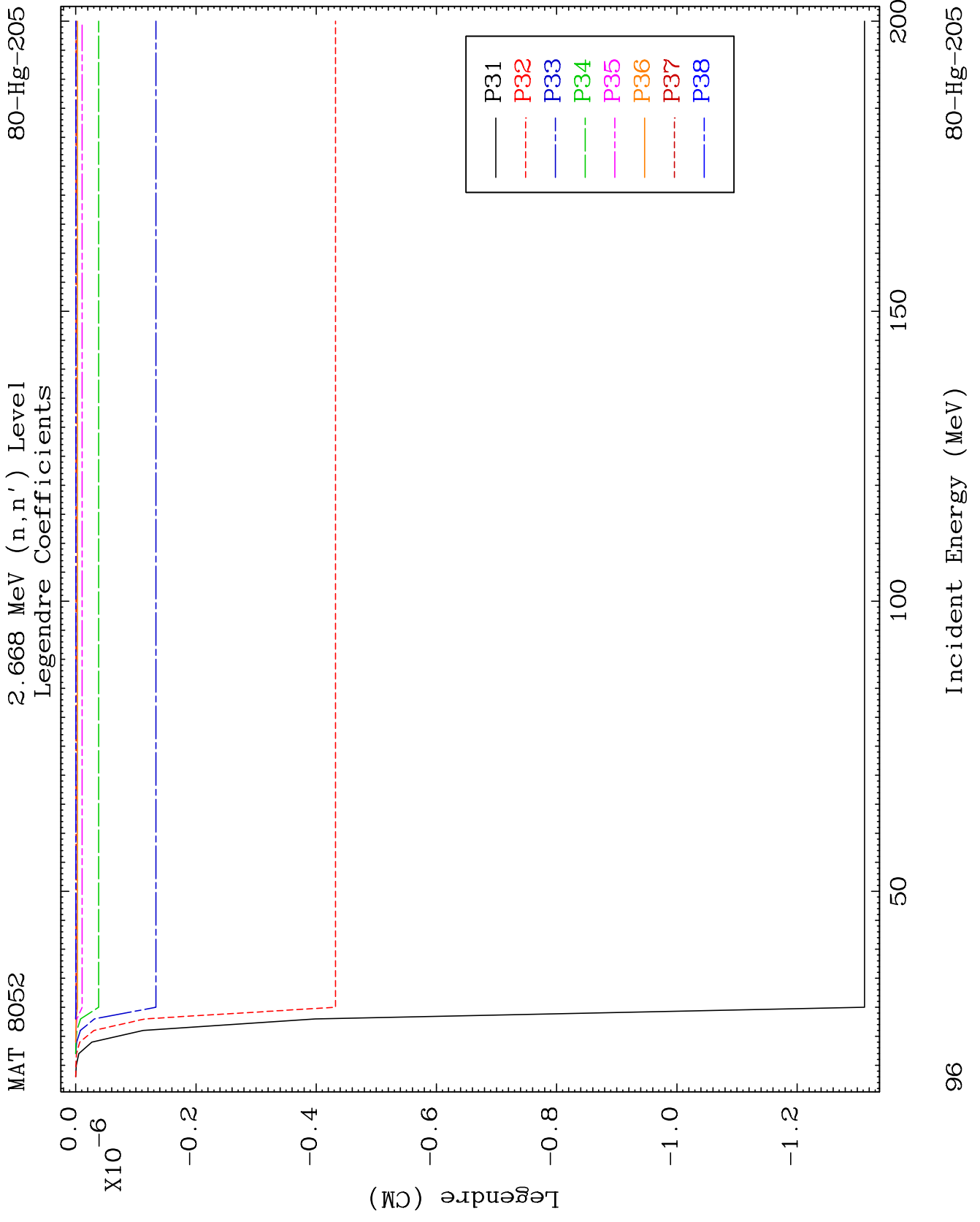


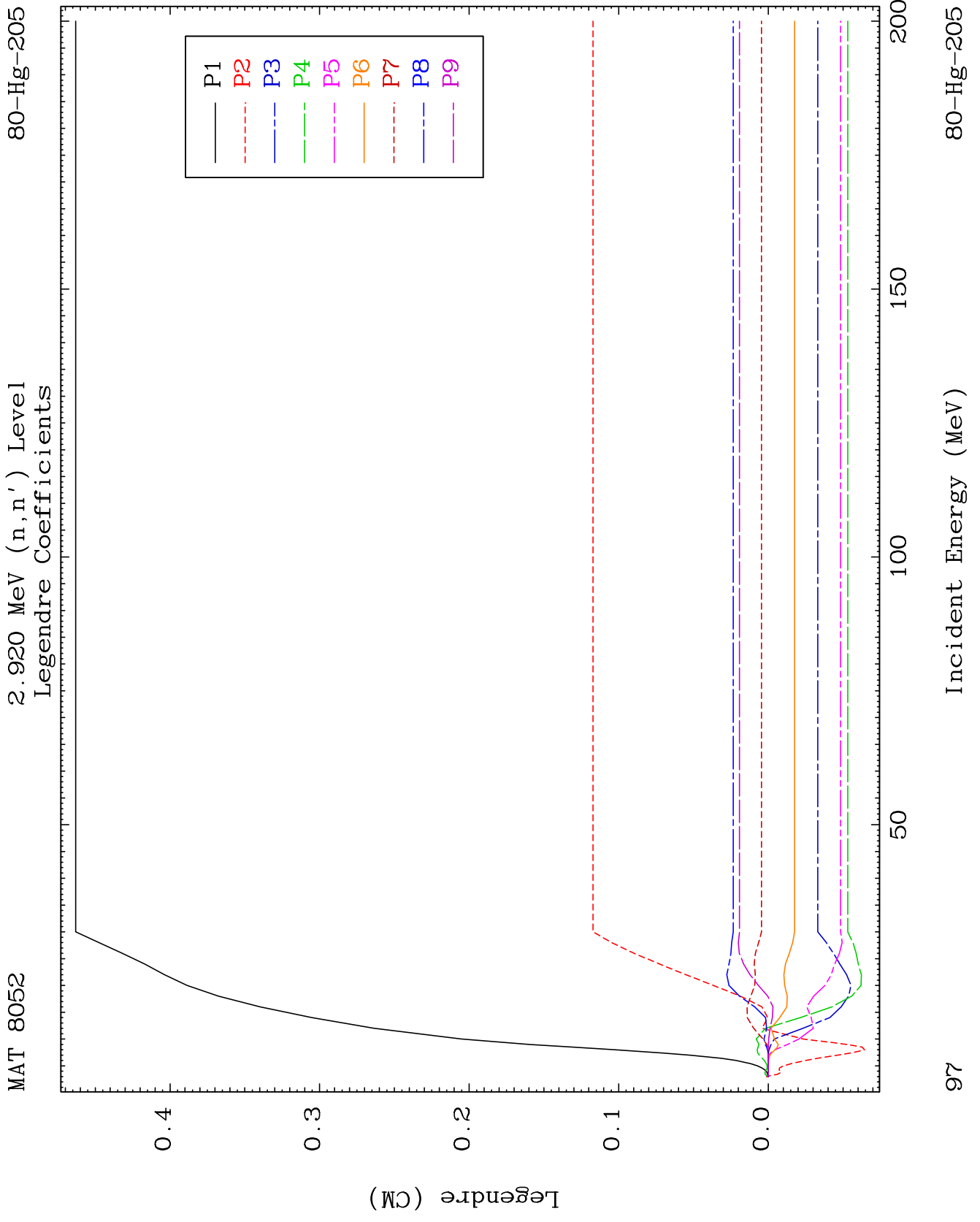


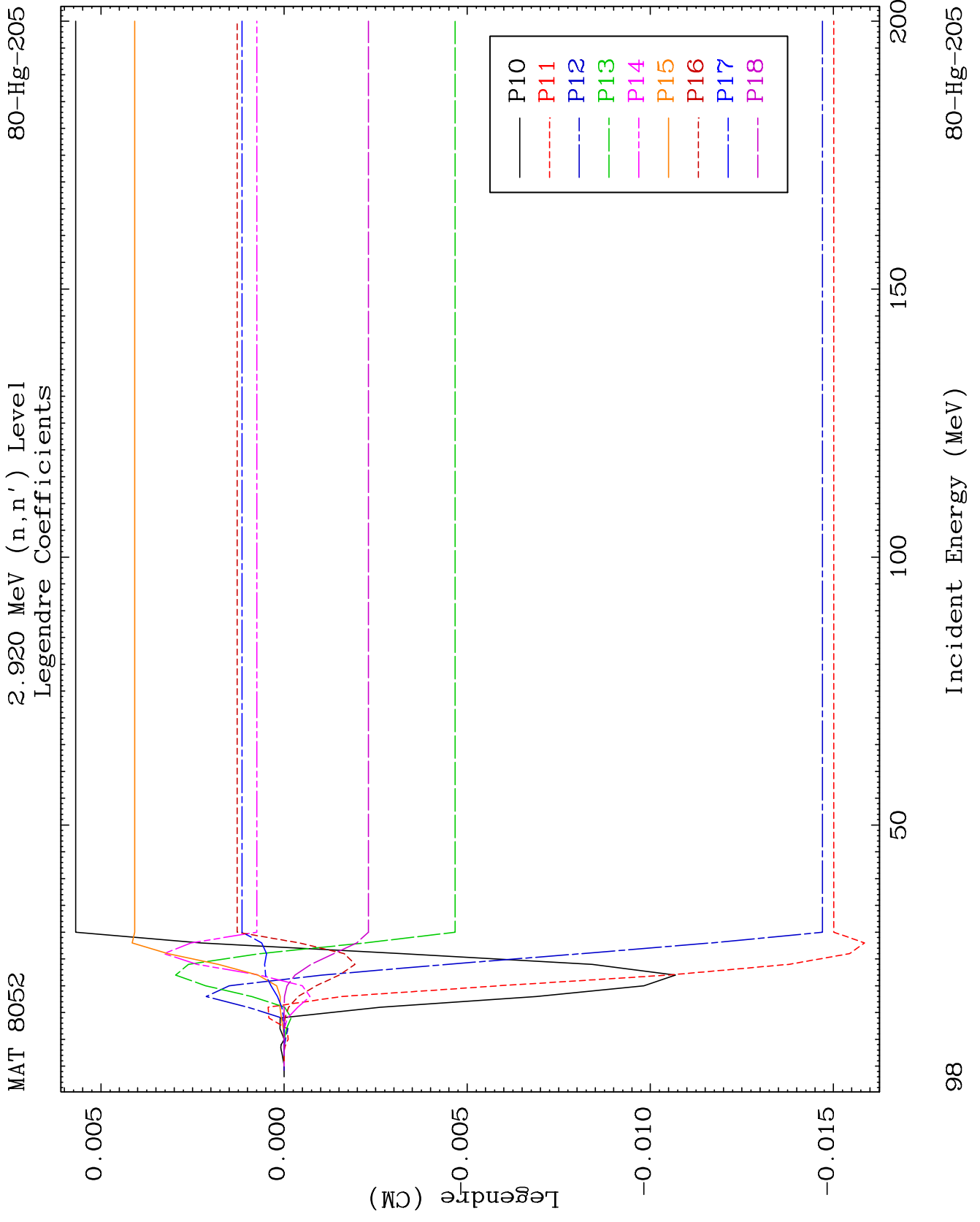


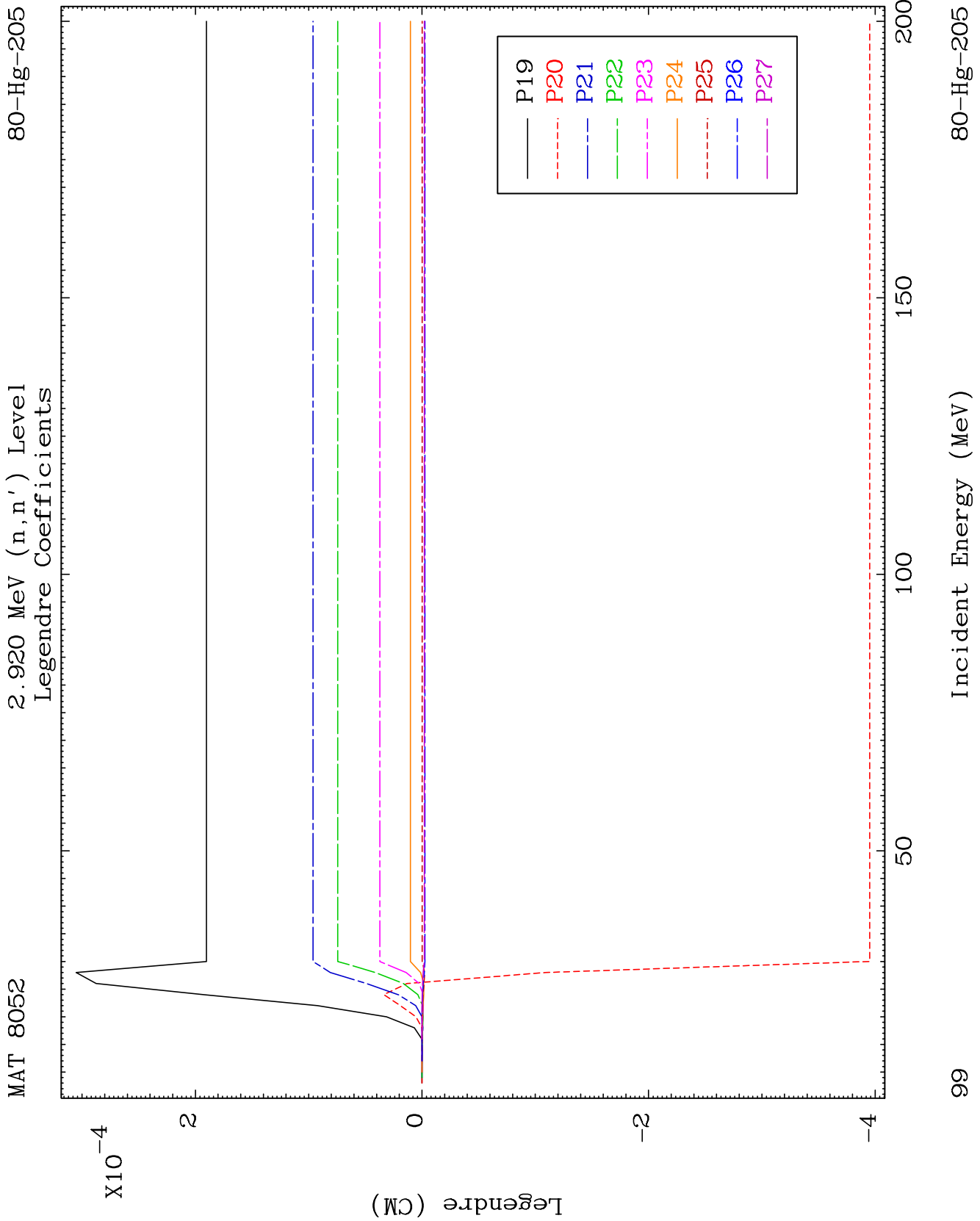


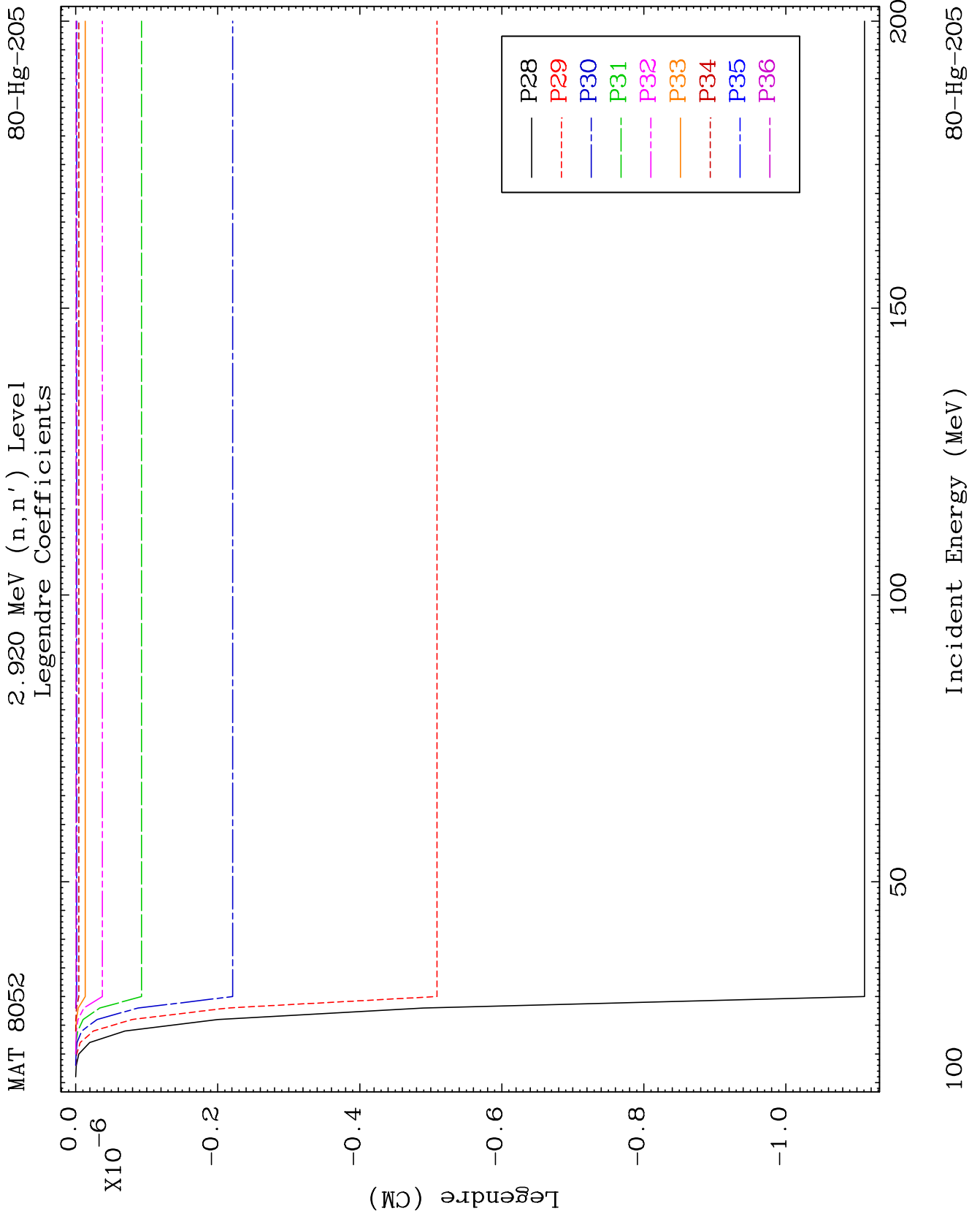


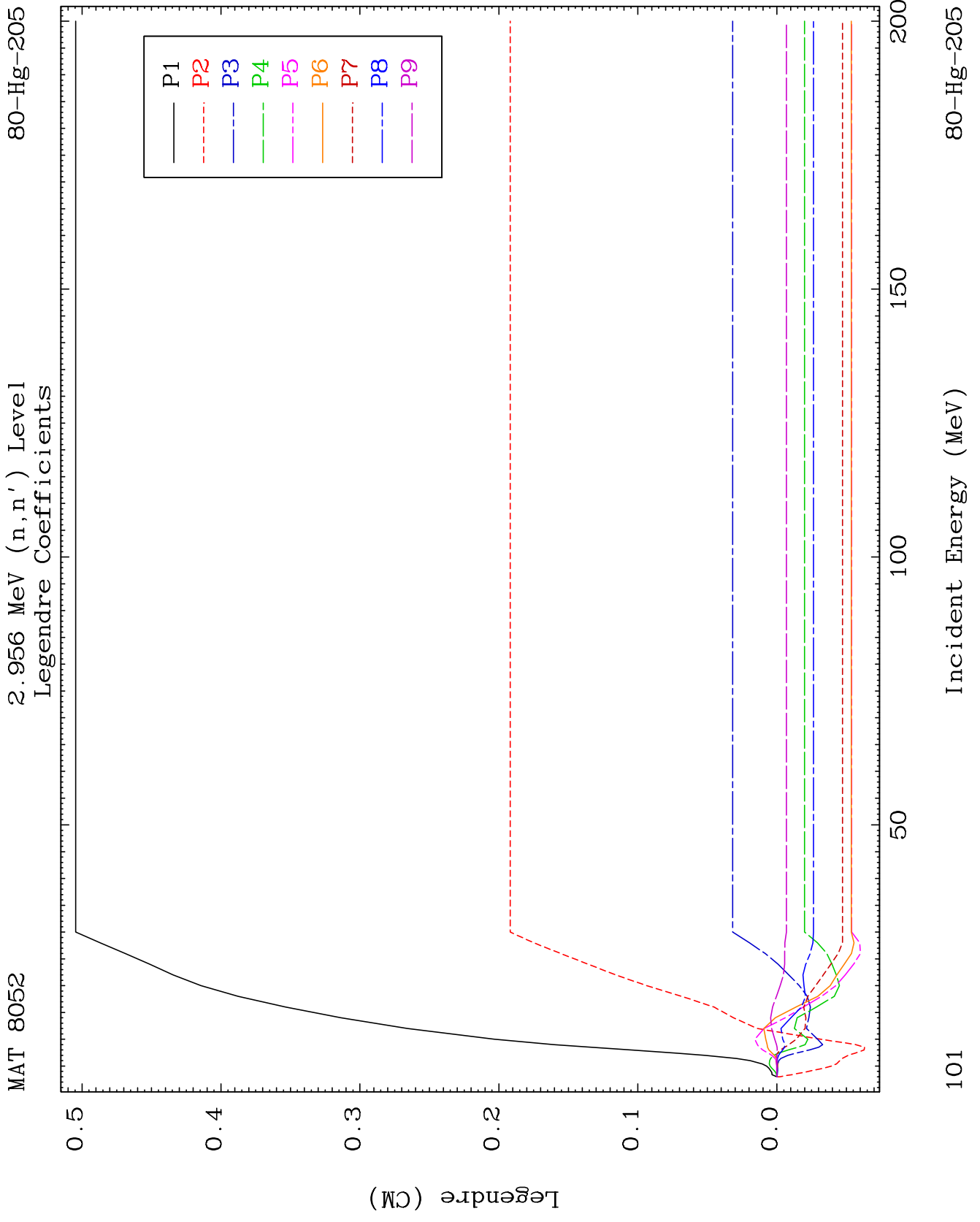


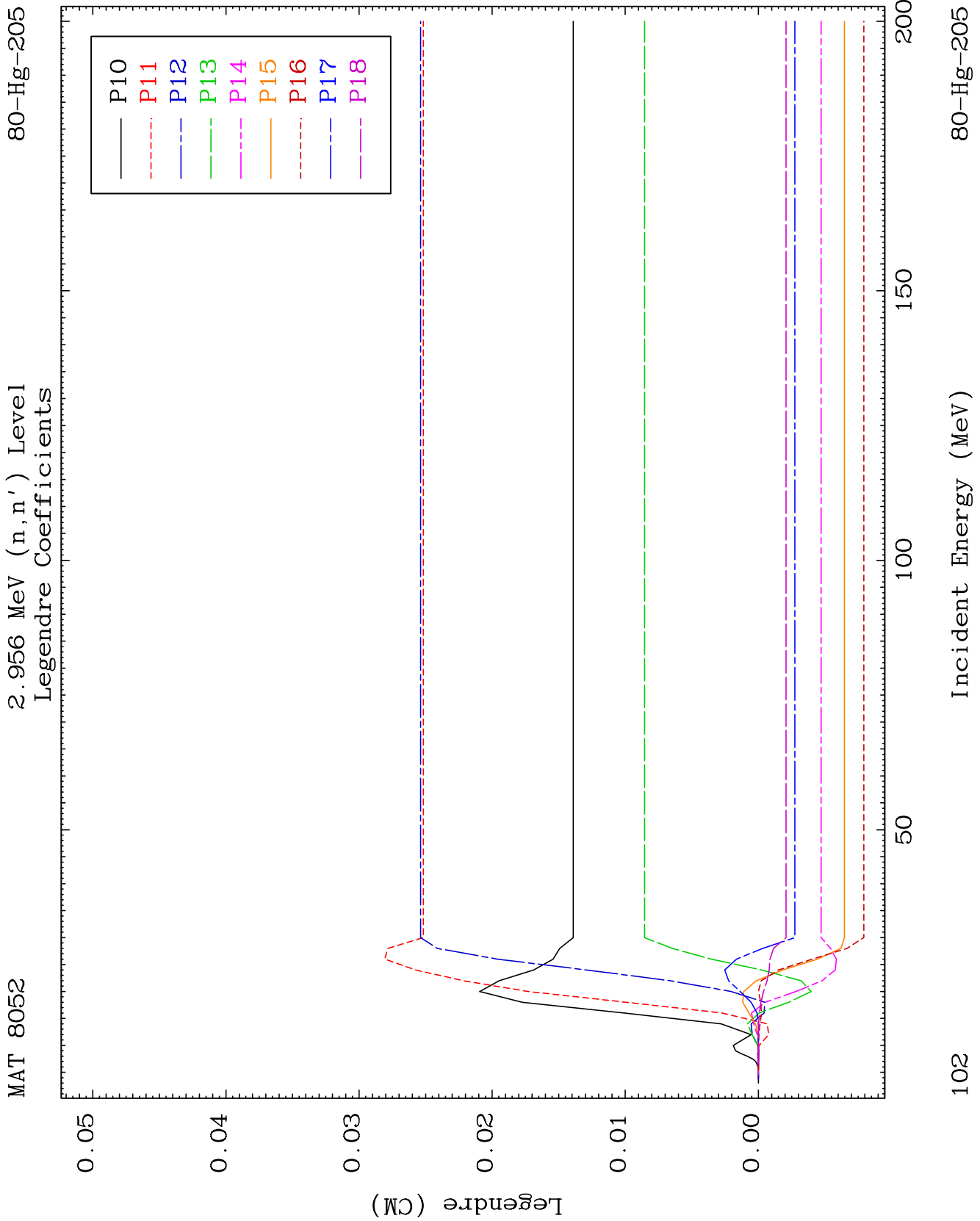


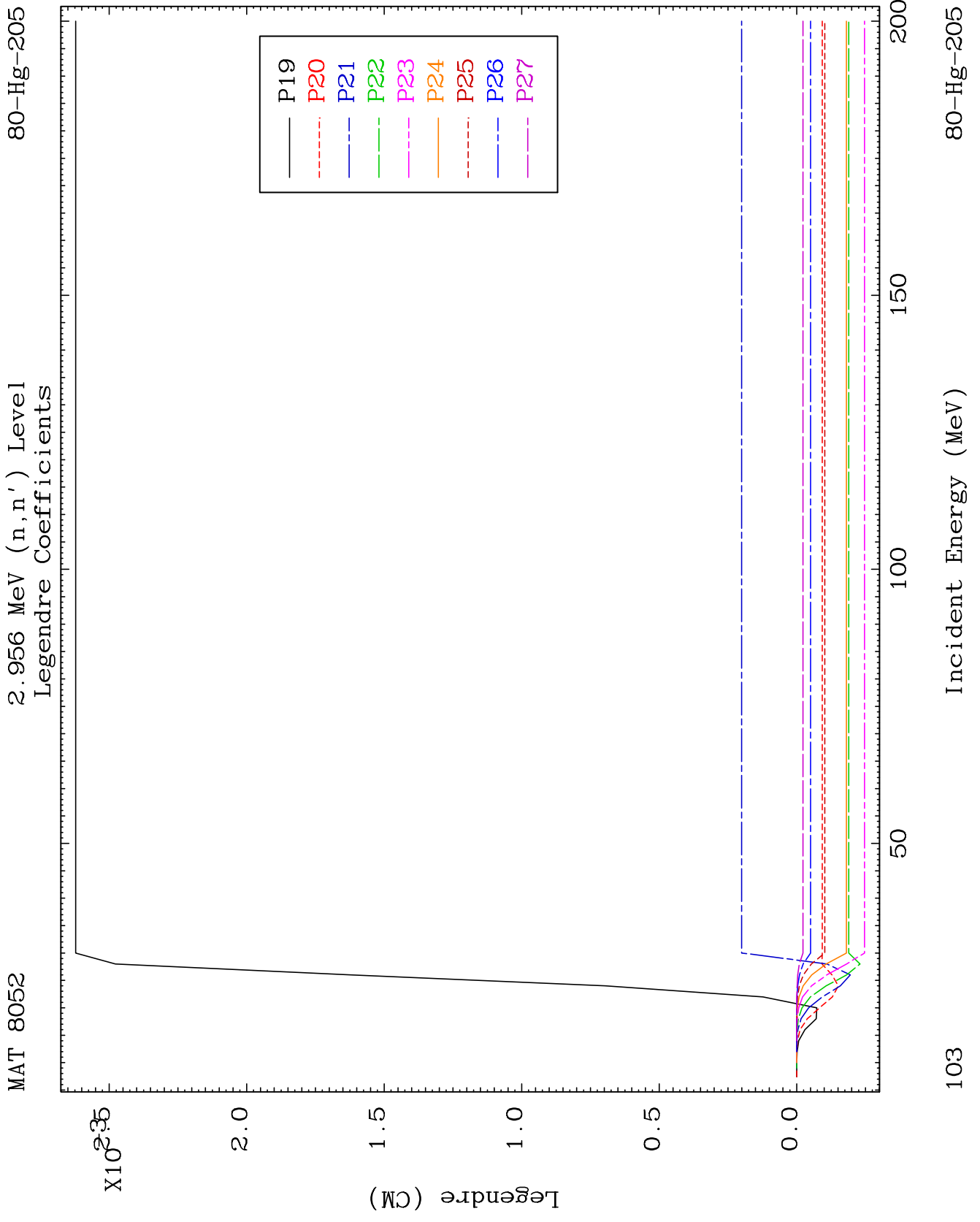




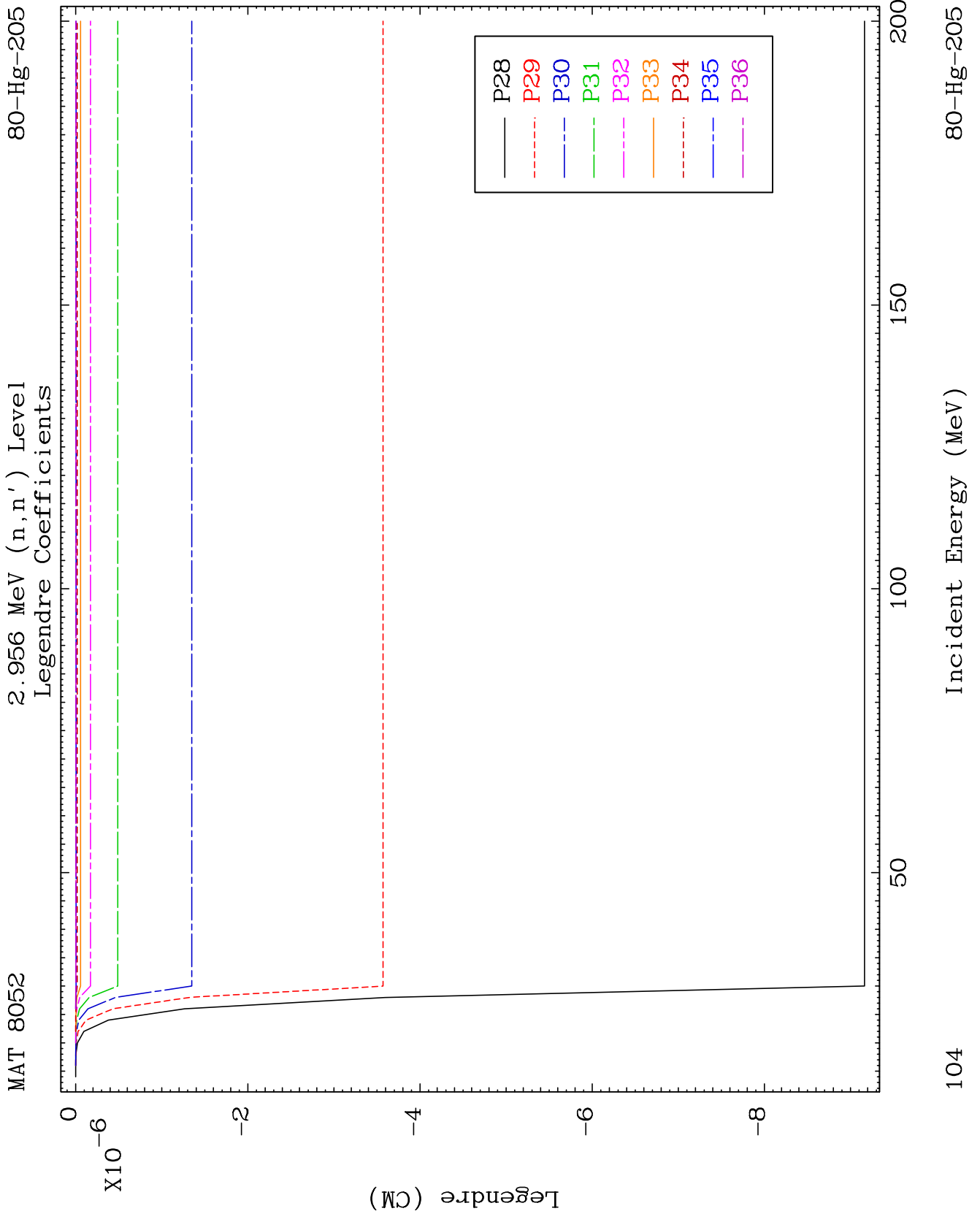




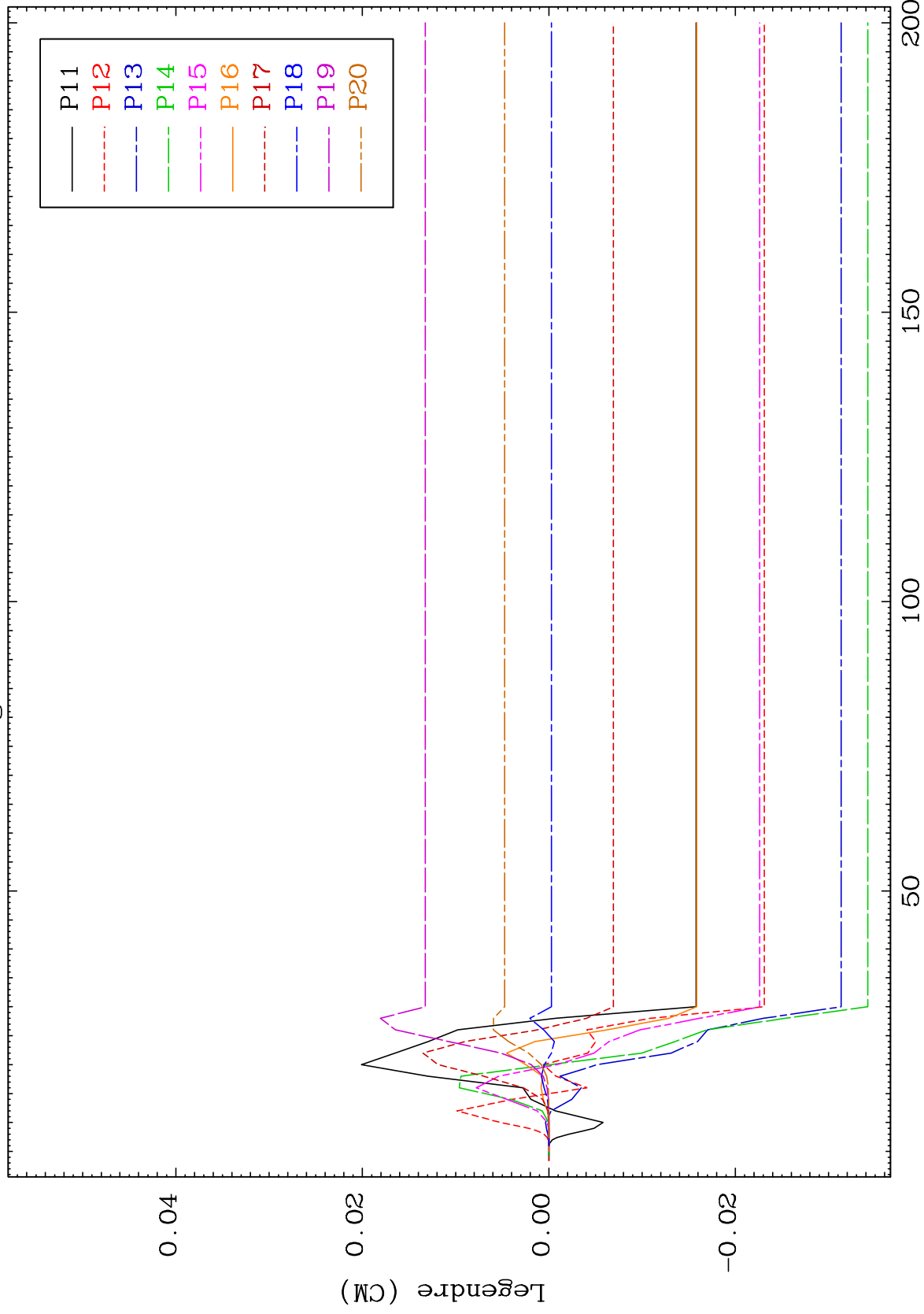








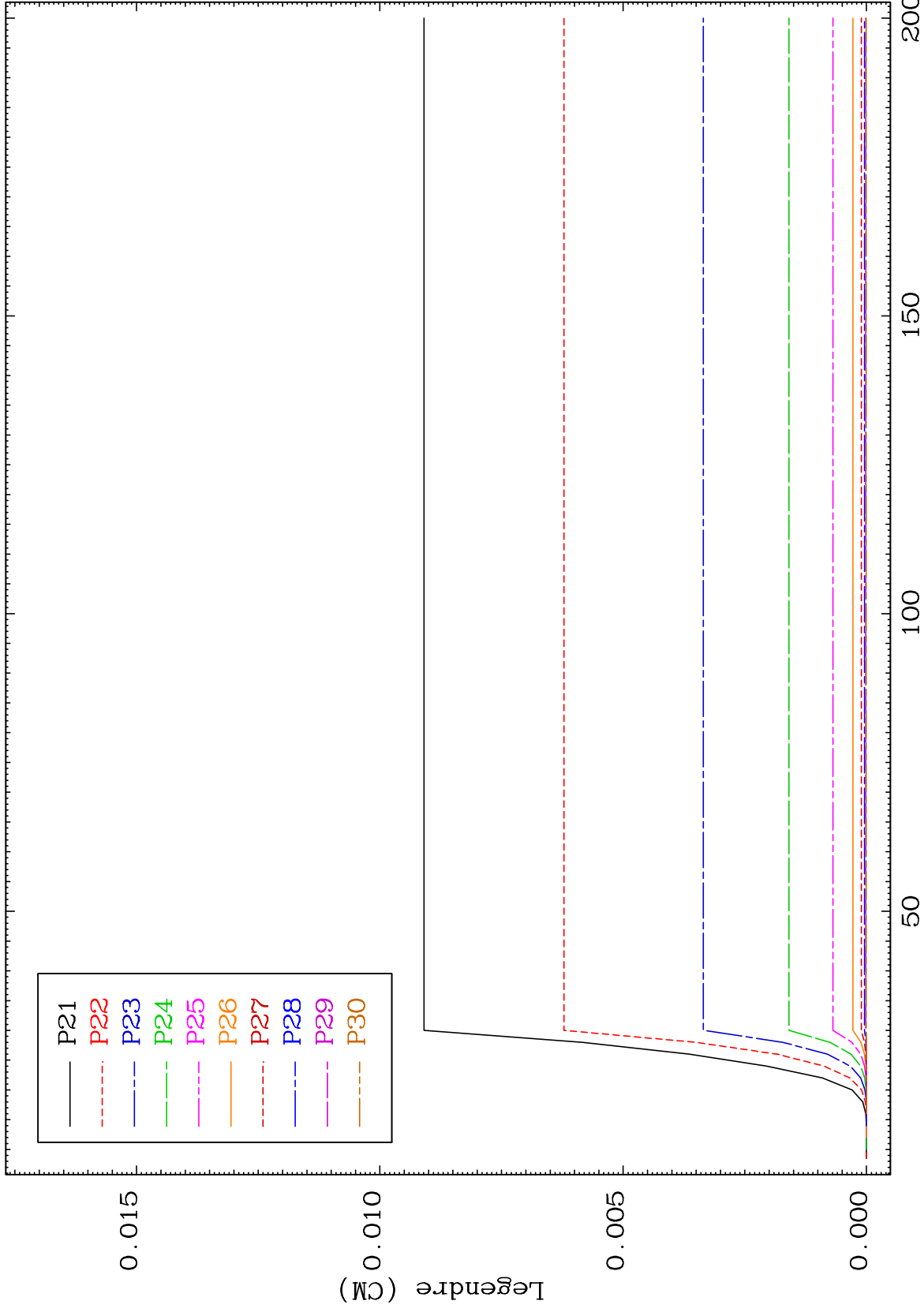




MAT 8052

3.026 MeV (n,n') Level  
Legendre Coefficients

80-Hg-205



107

Incident Energy (MeV)

80-Hg-205

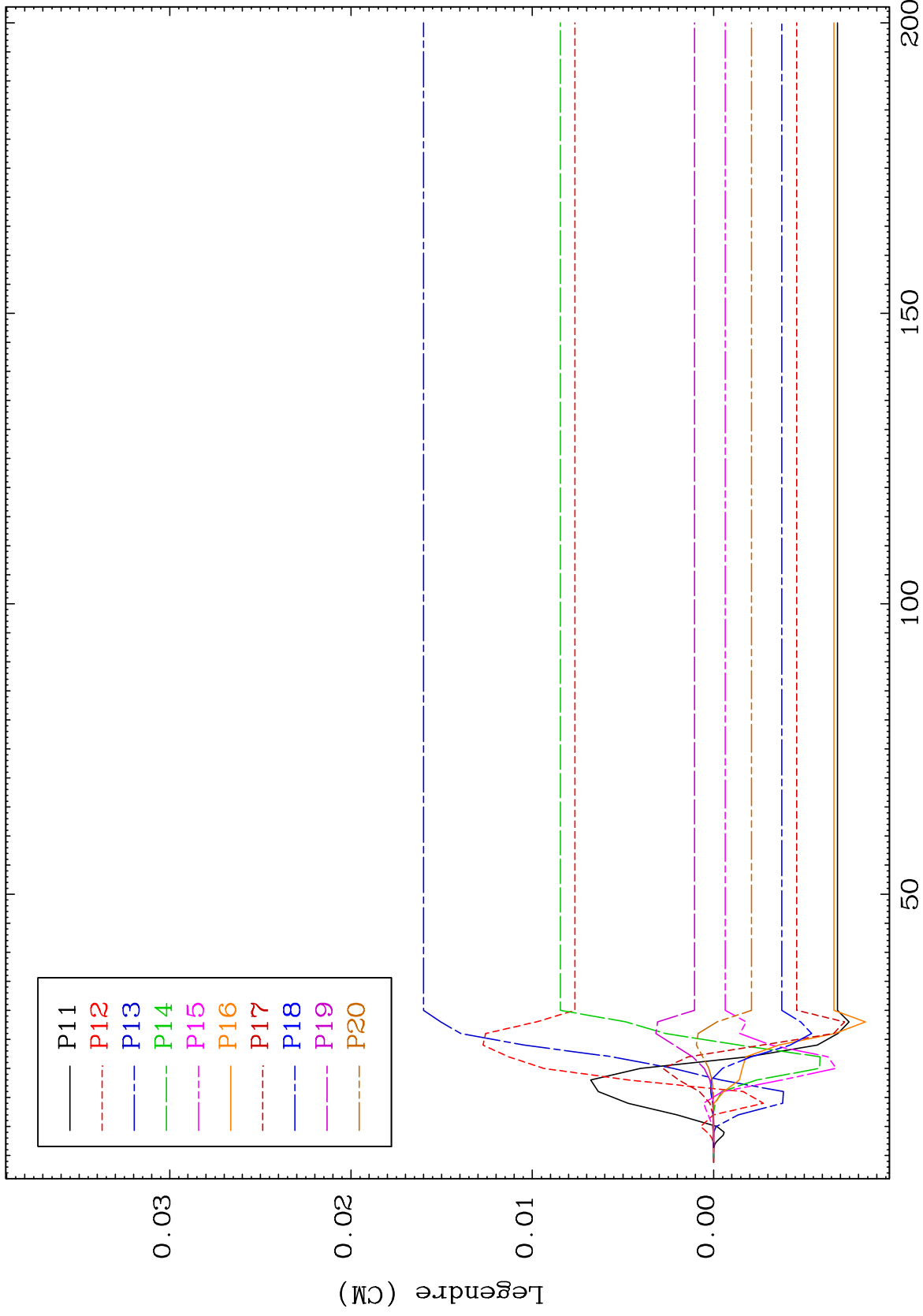




MAT 8052

3.070 MeV (n,n') Level  
Legendre Coefficients

80-Hg-205



110

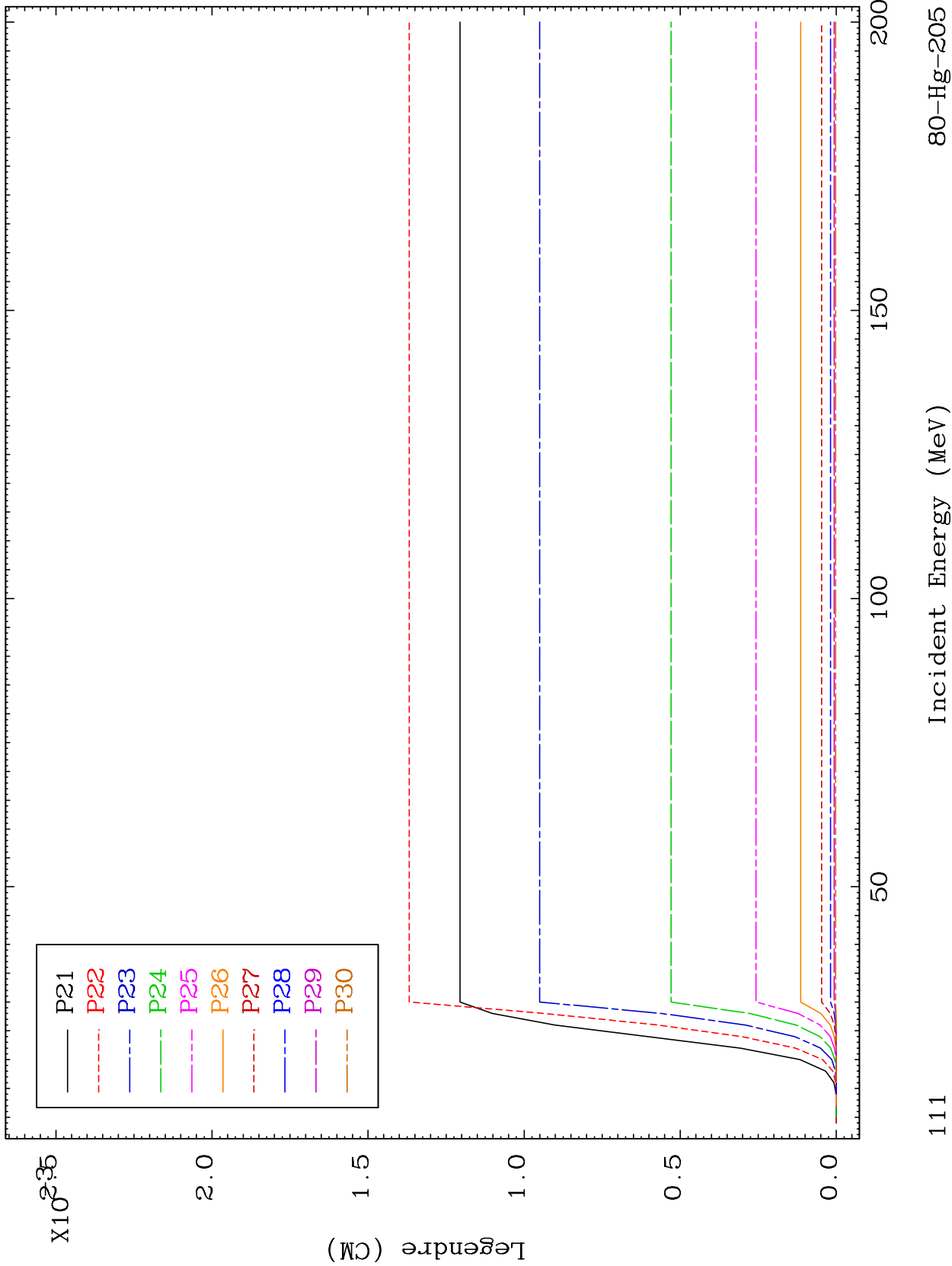
Incident Energy (MeV)

80-Hg-205

MAT 8052

3.070 MeV (n, n') Level  
Legendre Coefficients

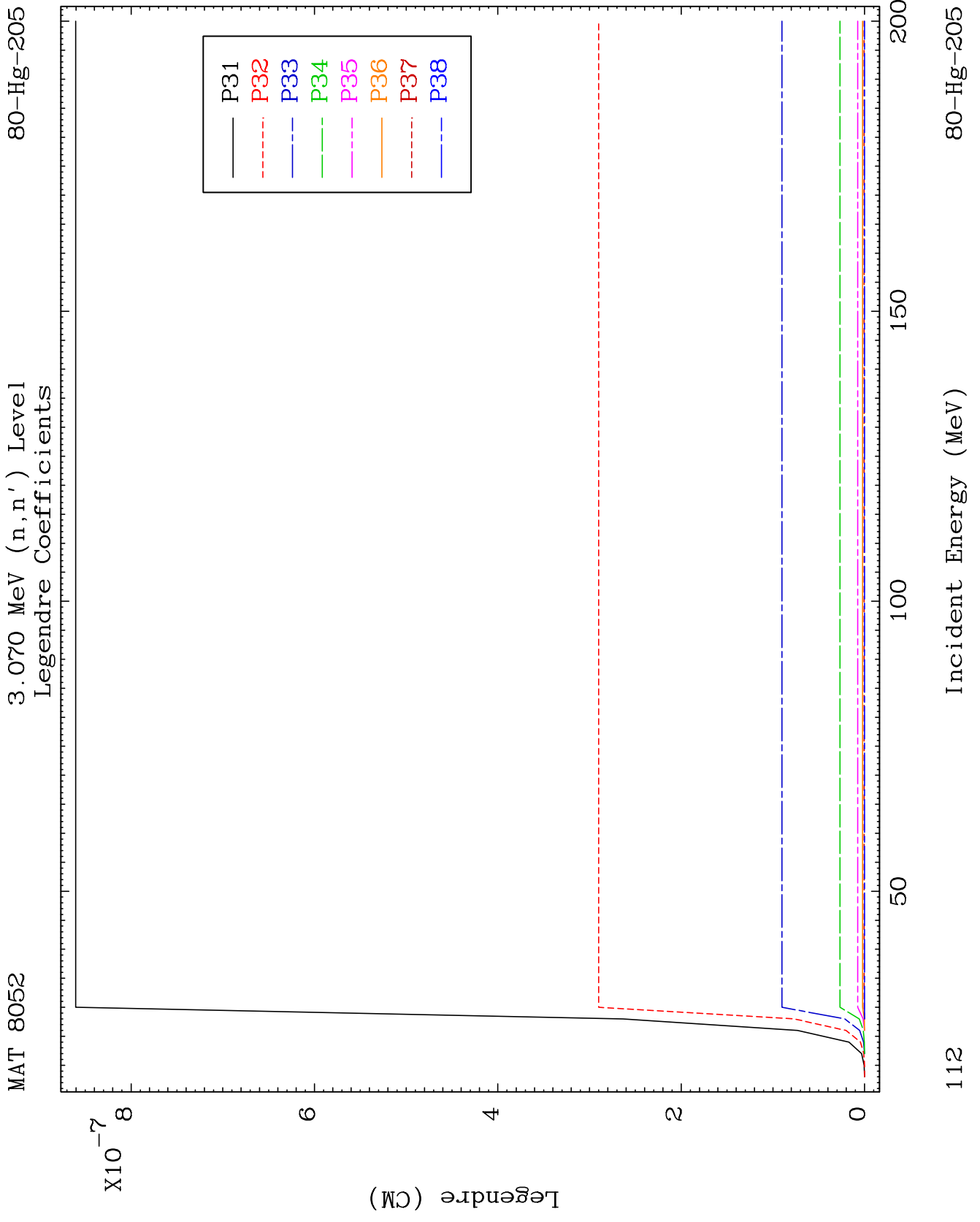
80-Hg-205



111

80-Hg-205

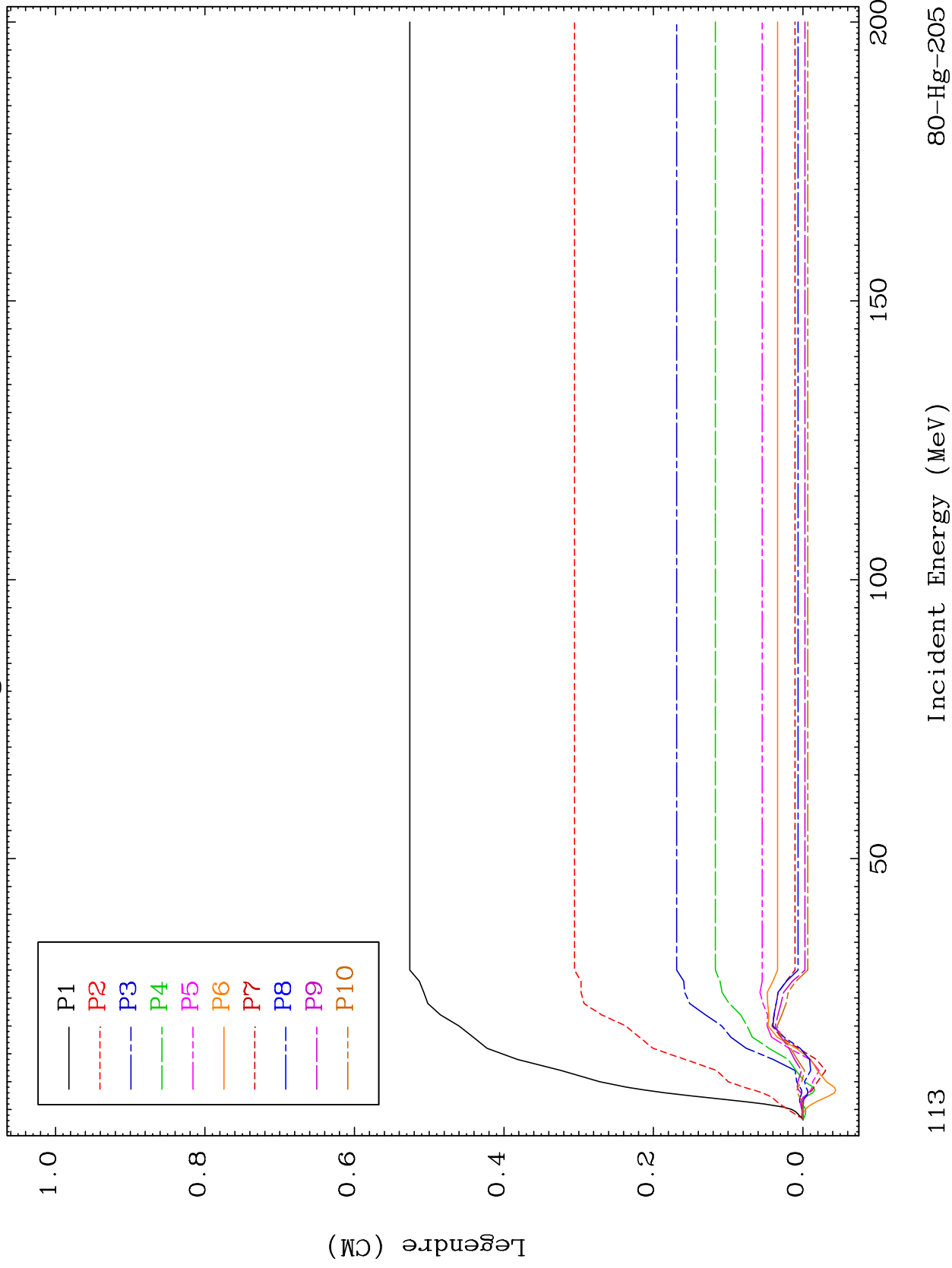




MAT 8052

3.095 MeV (n,n') Level  
Legendre Coefficients

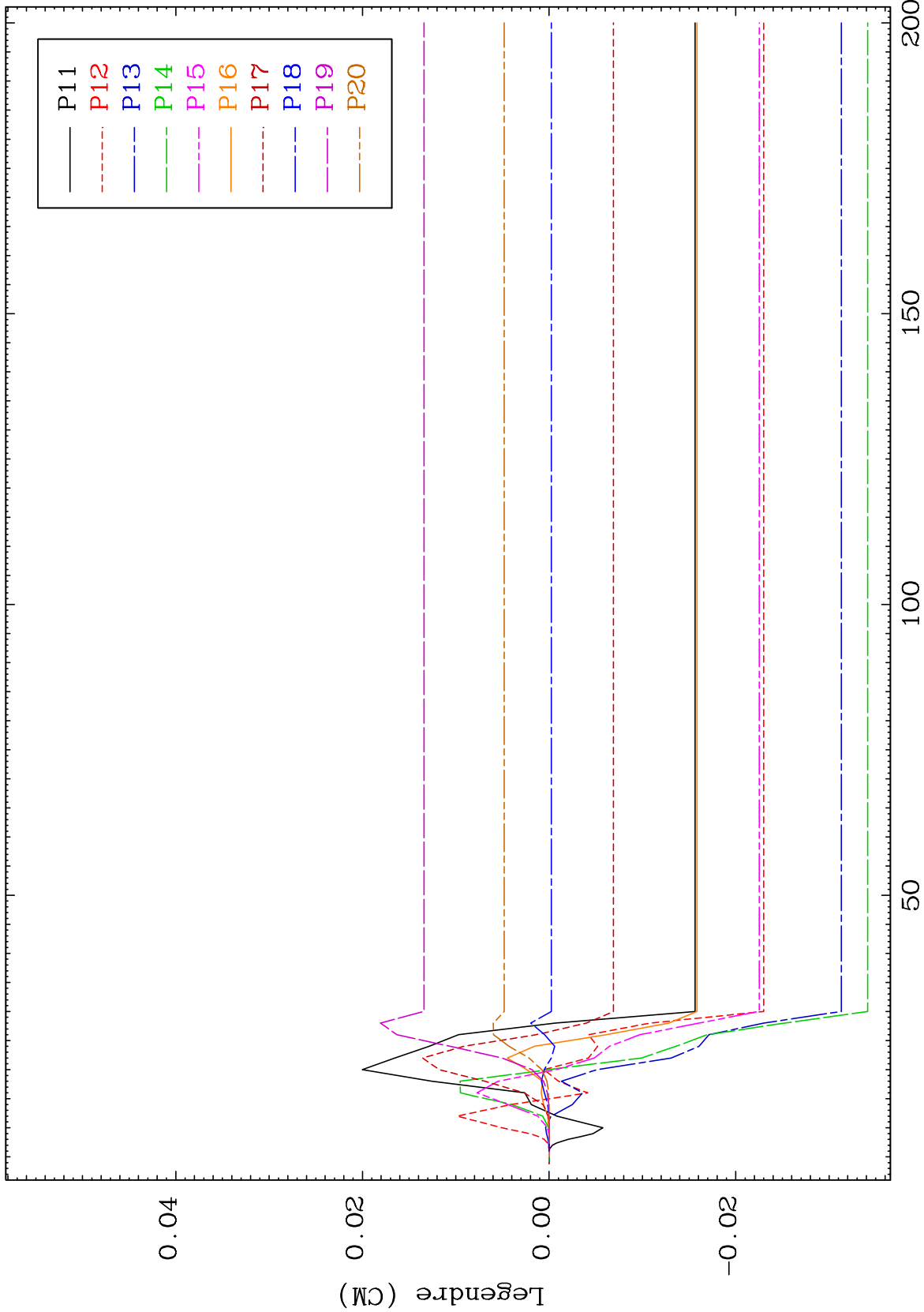
80-Hg-205



113

Incident Energy (MeV)

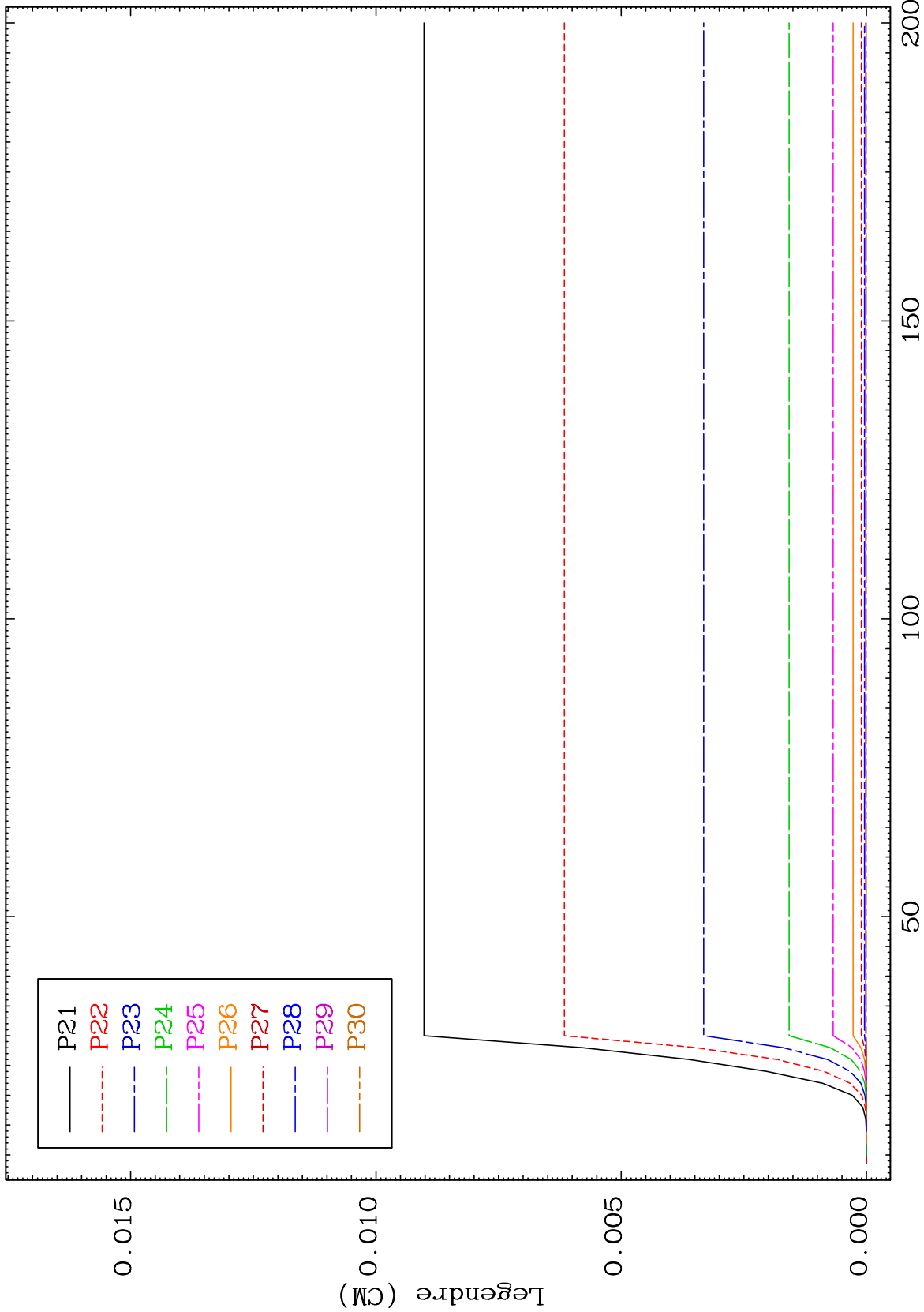
80-Hg-205



MAT 8052

3.095 MeV (n,n') Level  
Legendre Coefficients

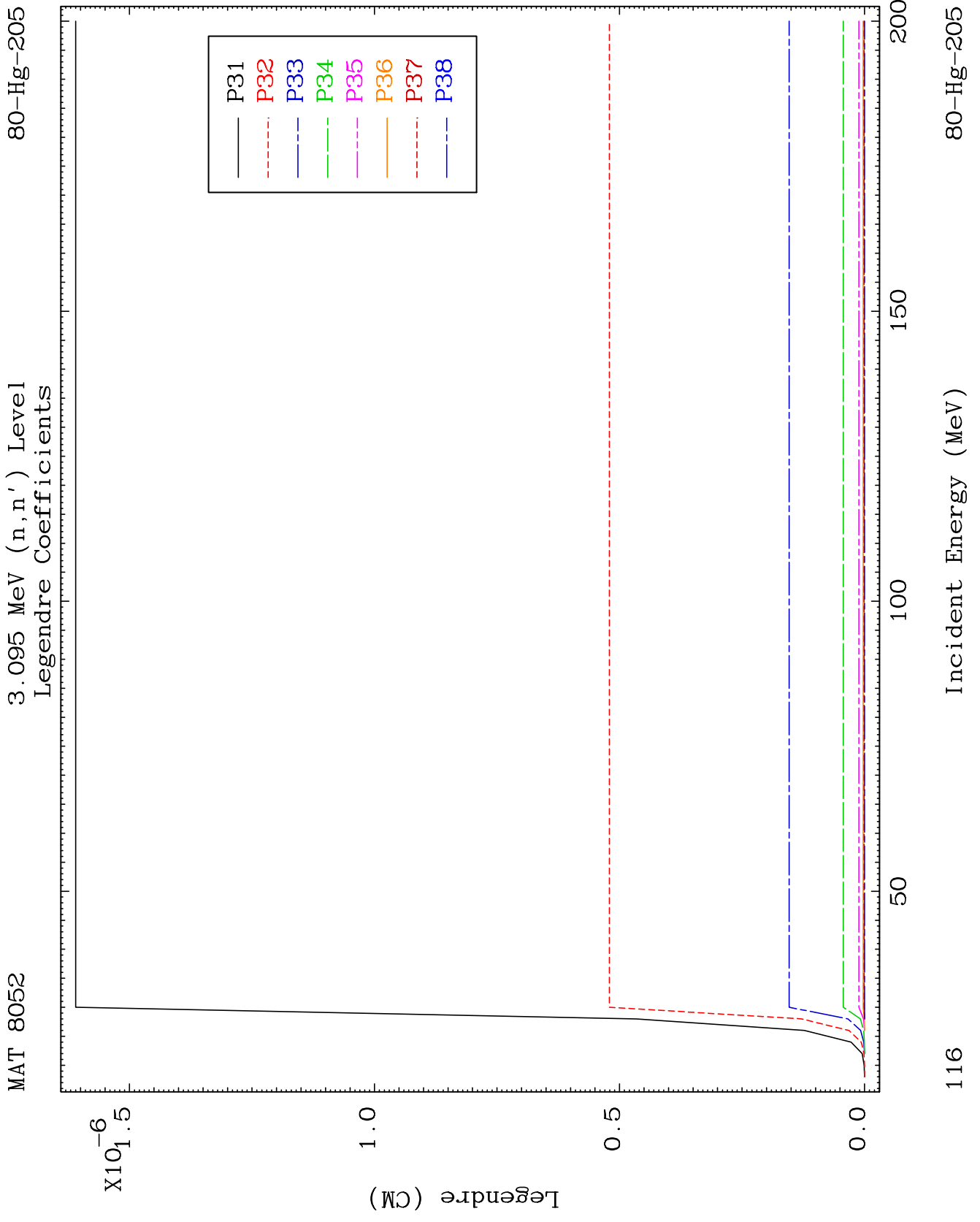
80-Hg-205

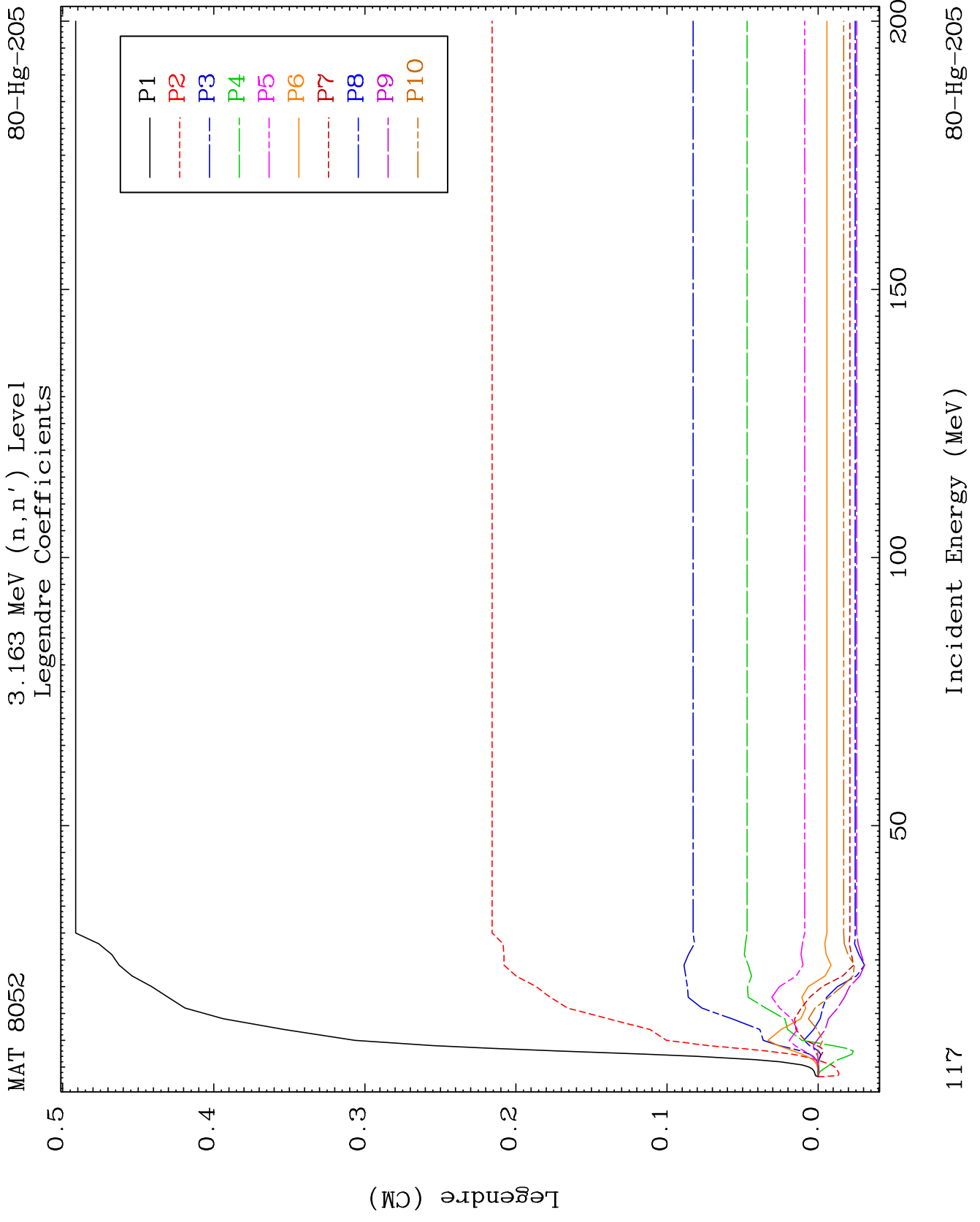


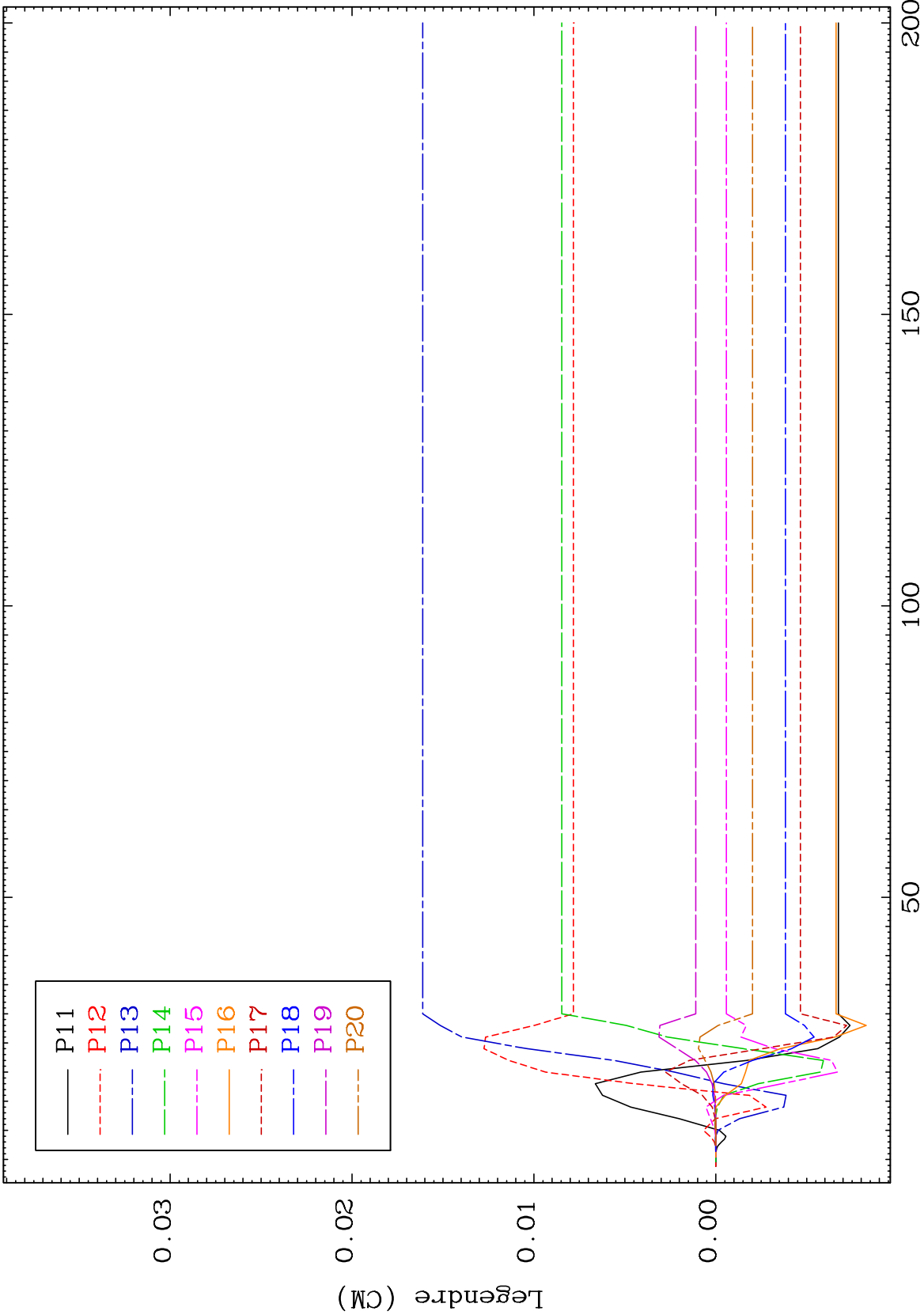
115

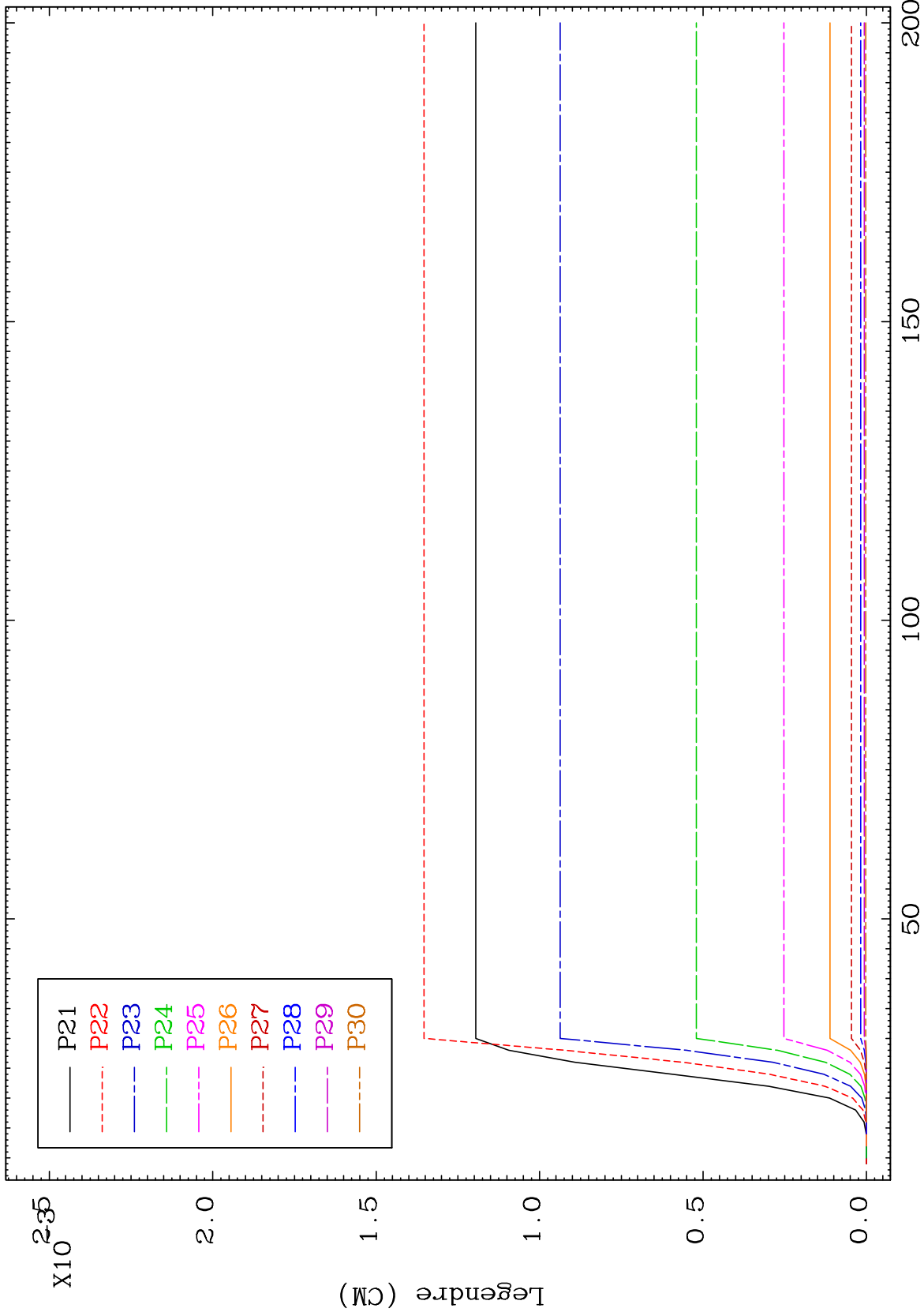
Incident Energy (MeV)

80-Hg-205



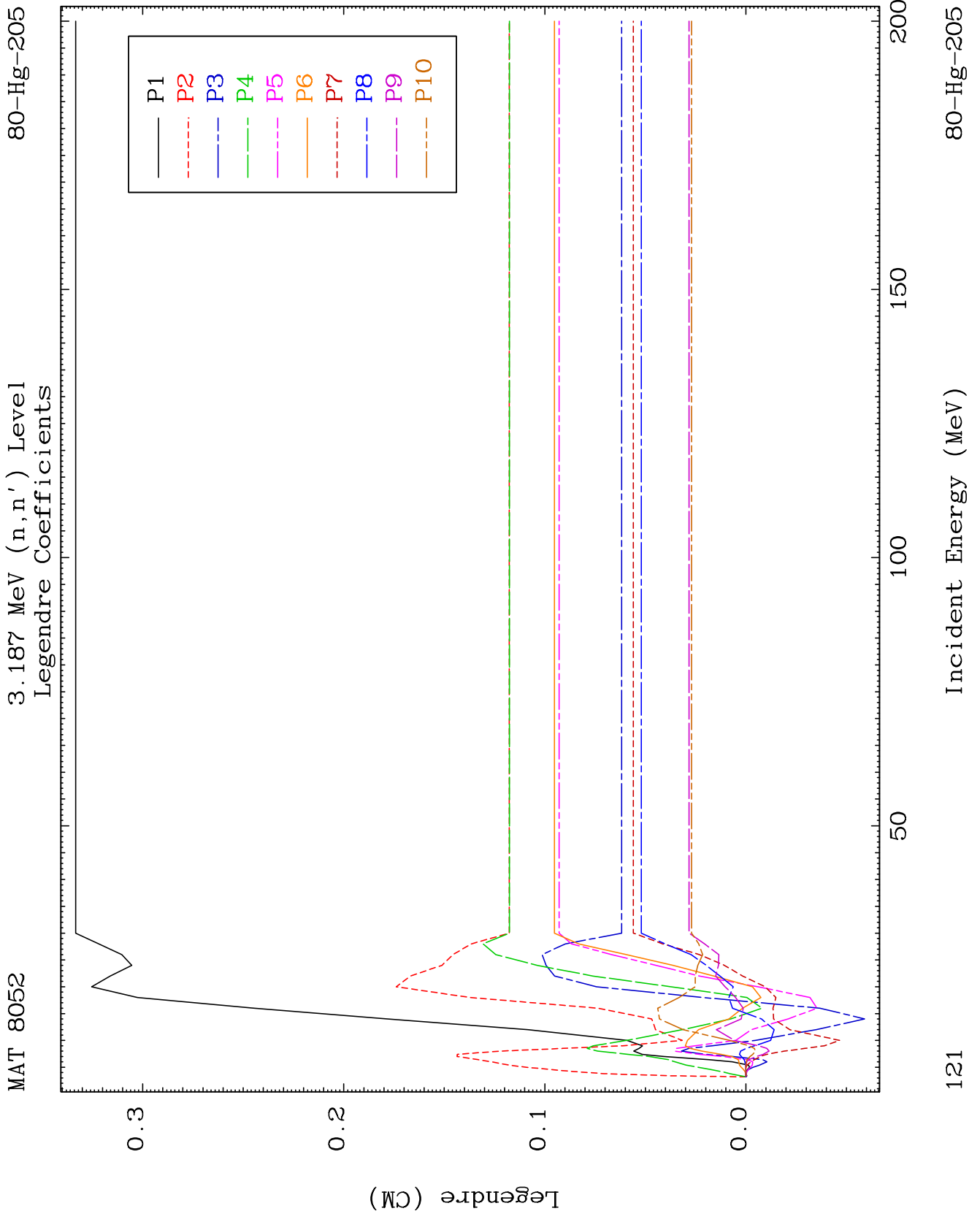


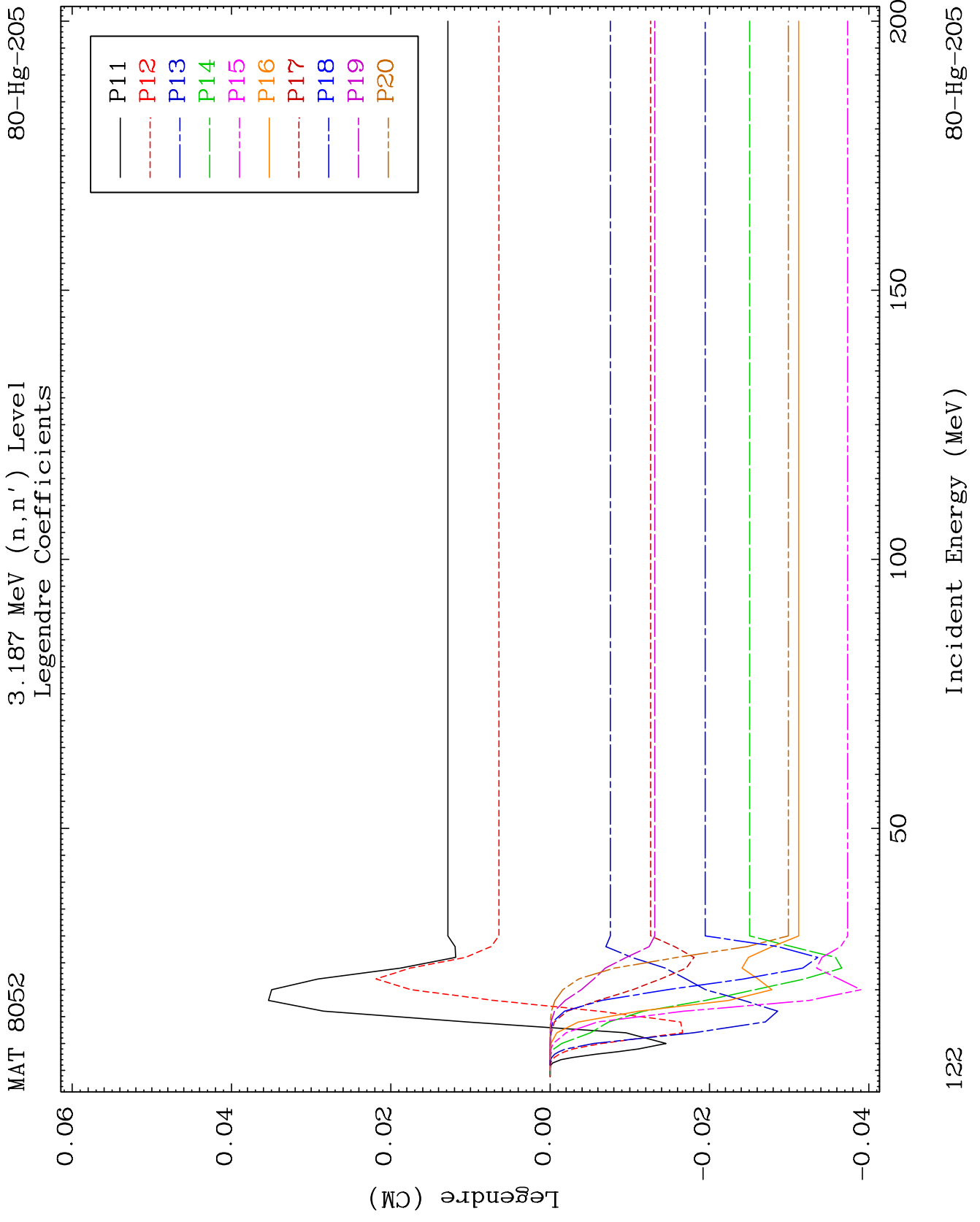


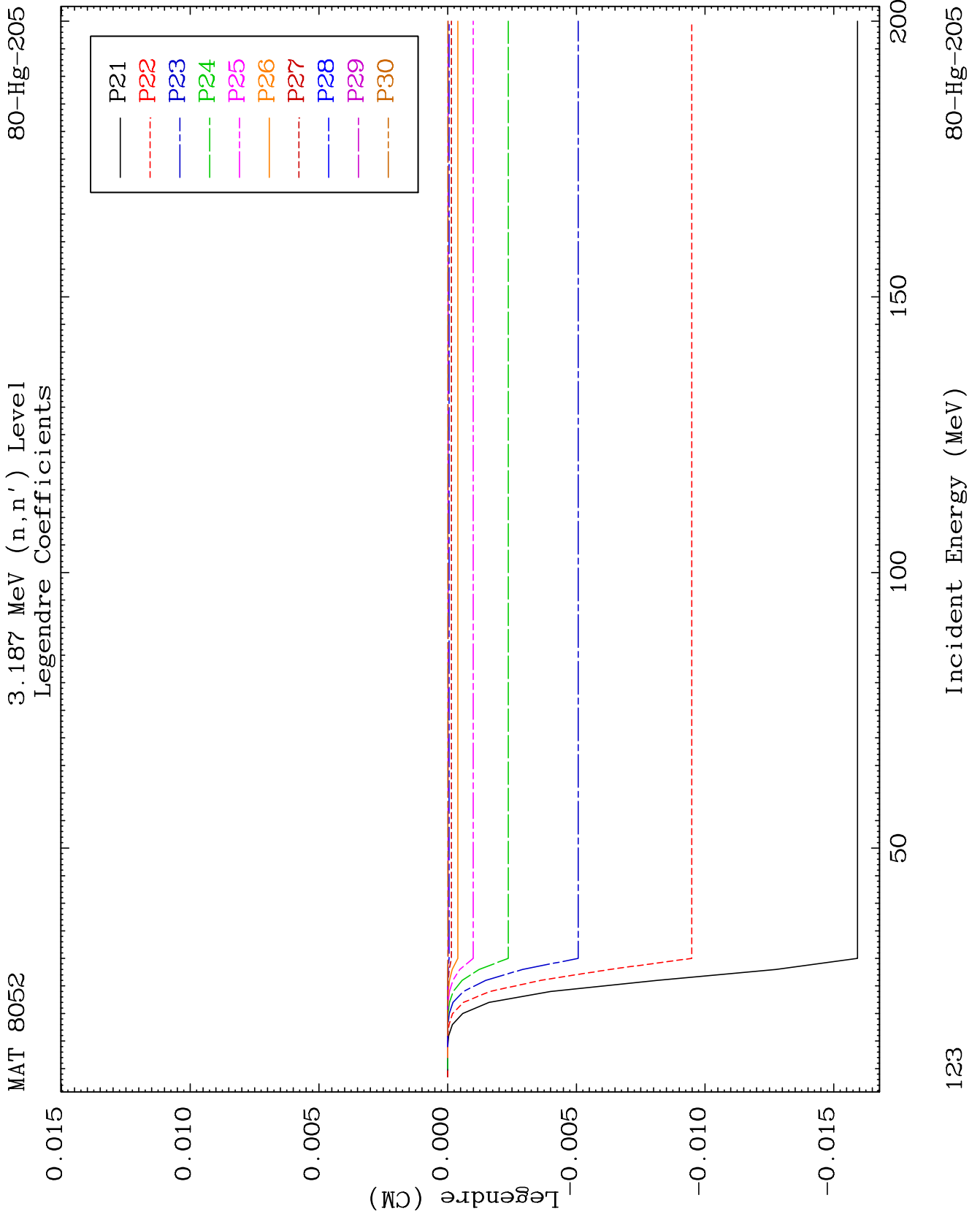


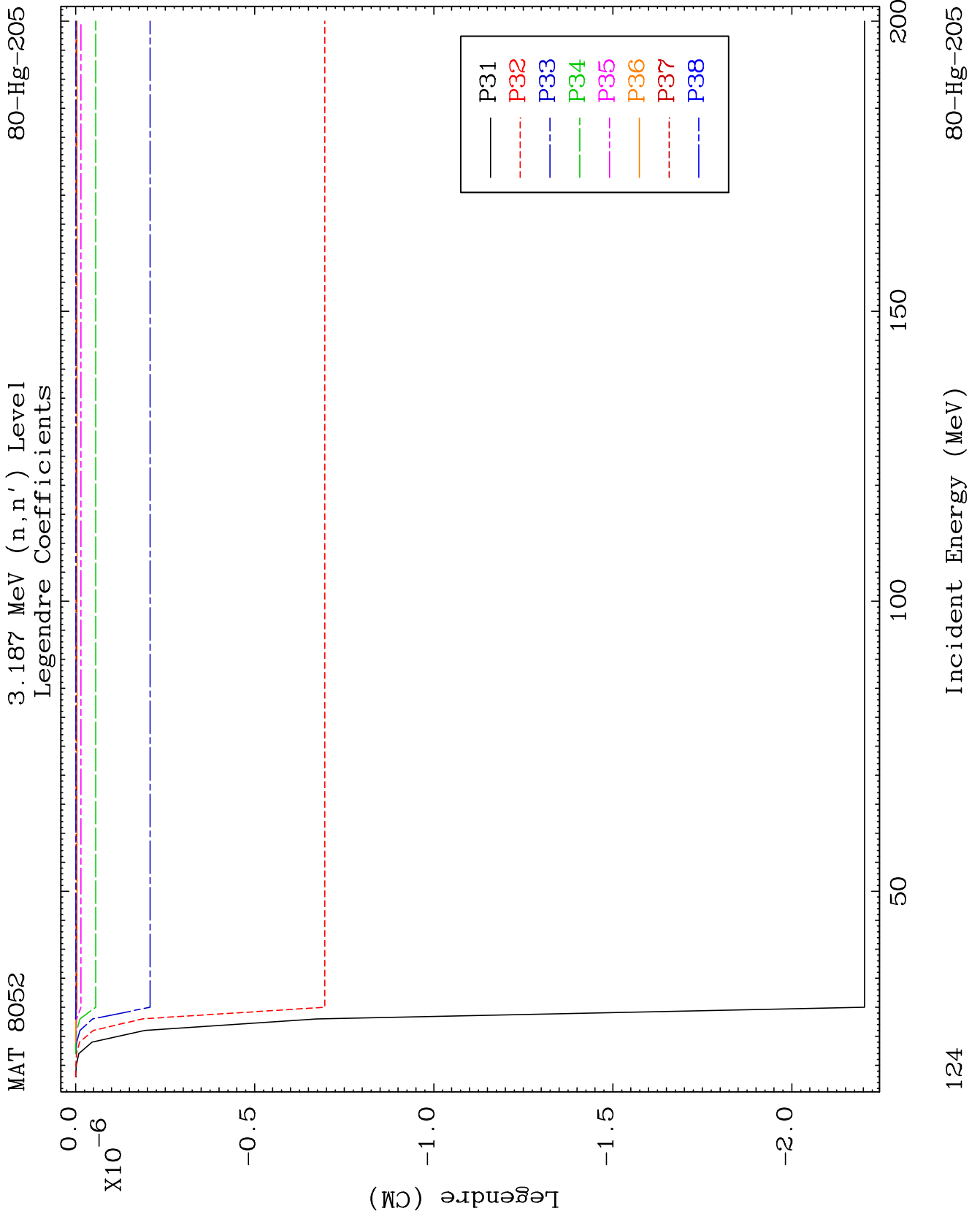


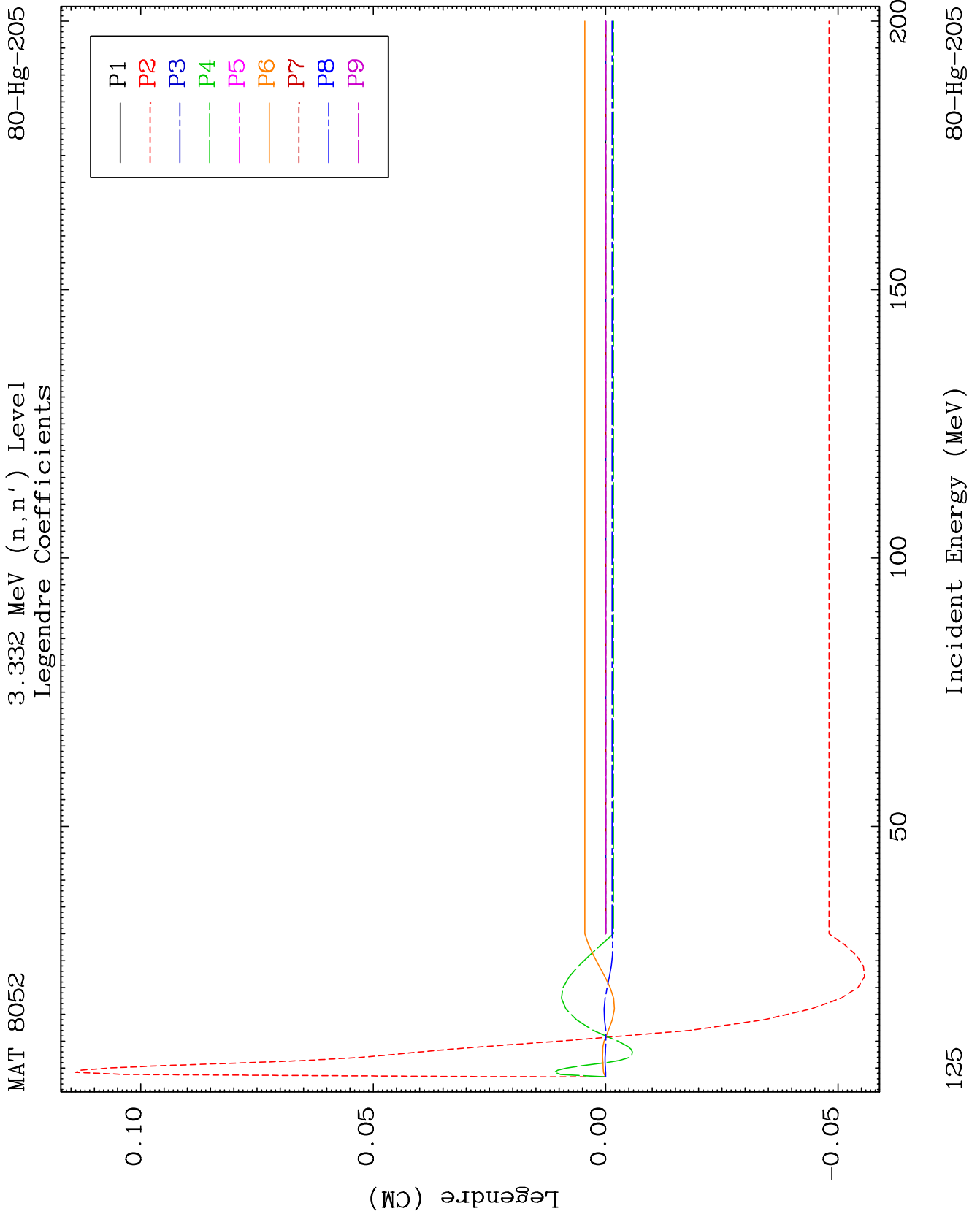


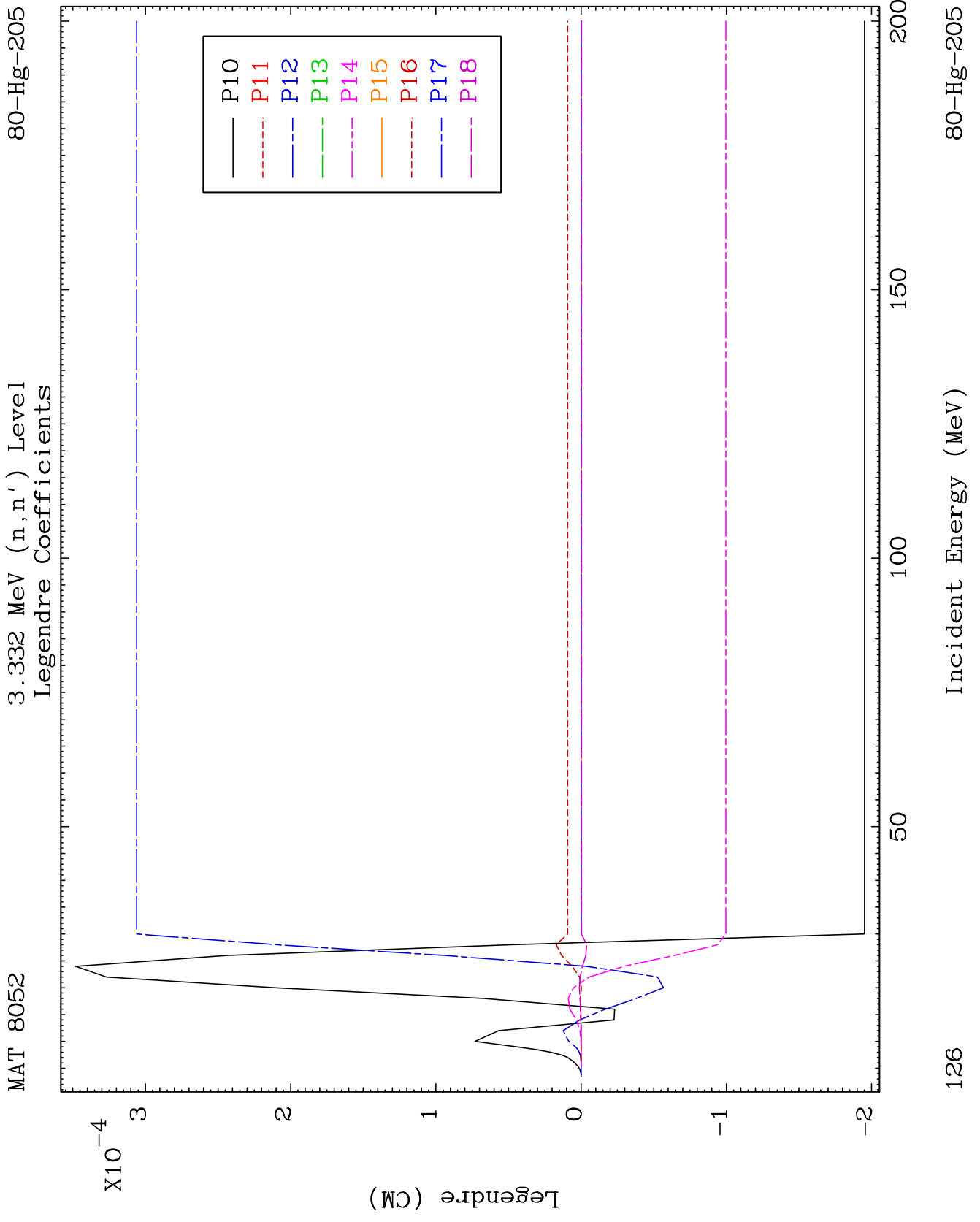


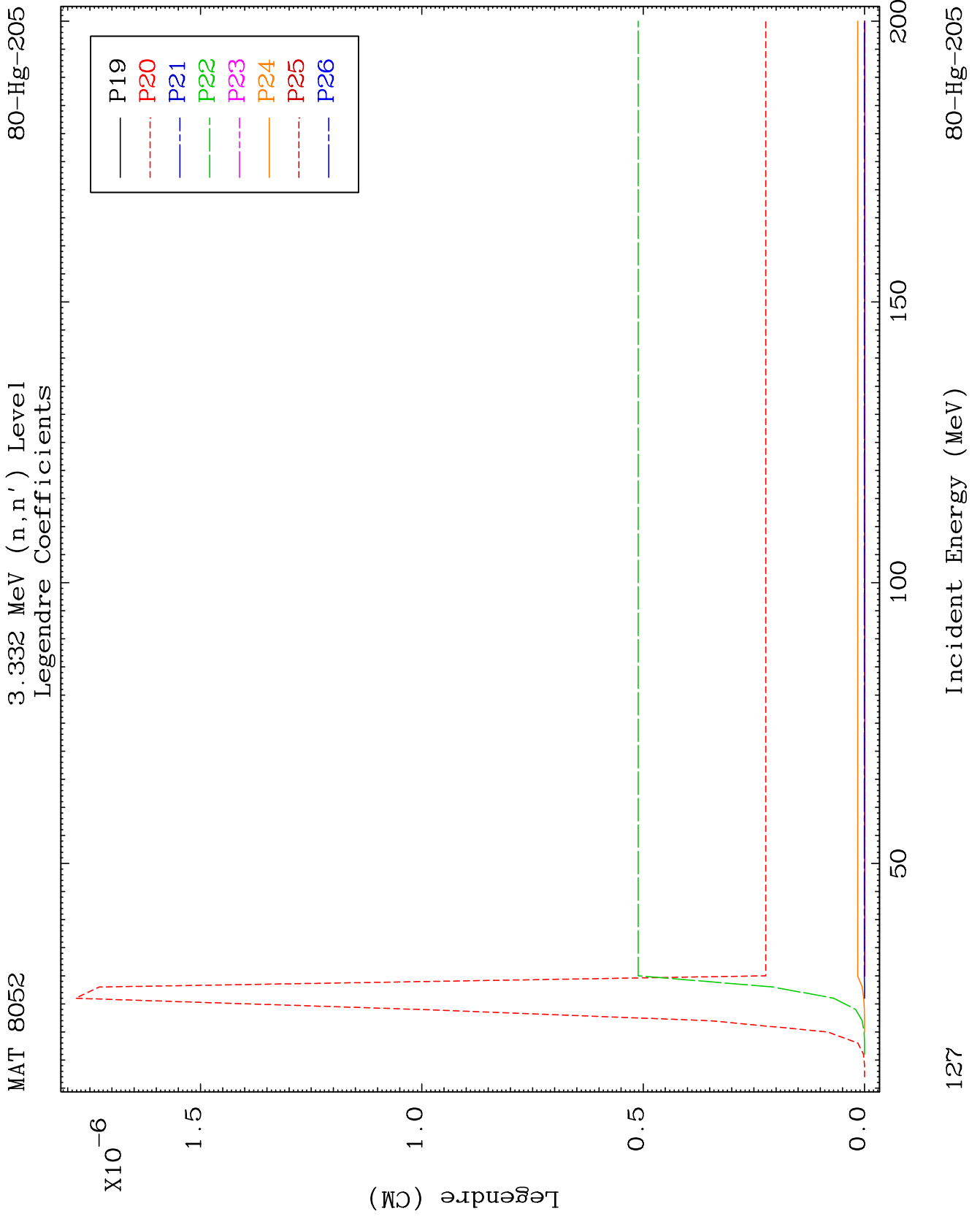




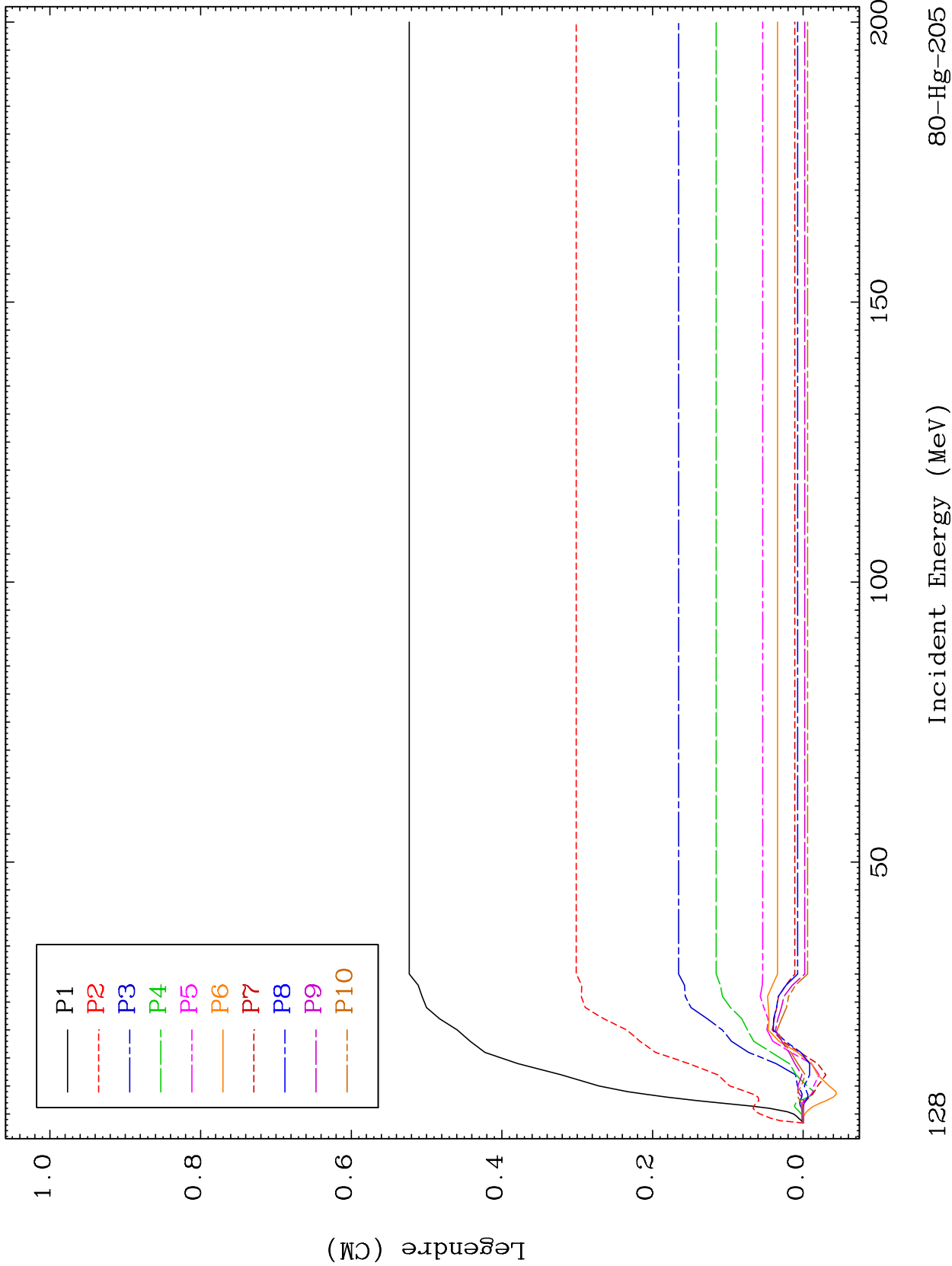


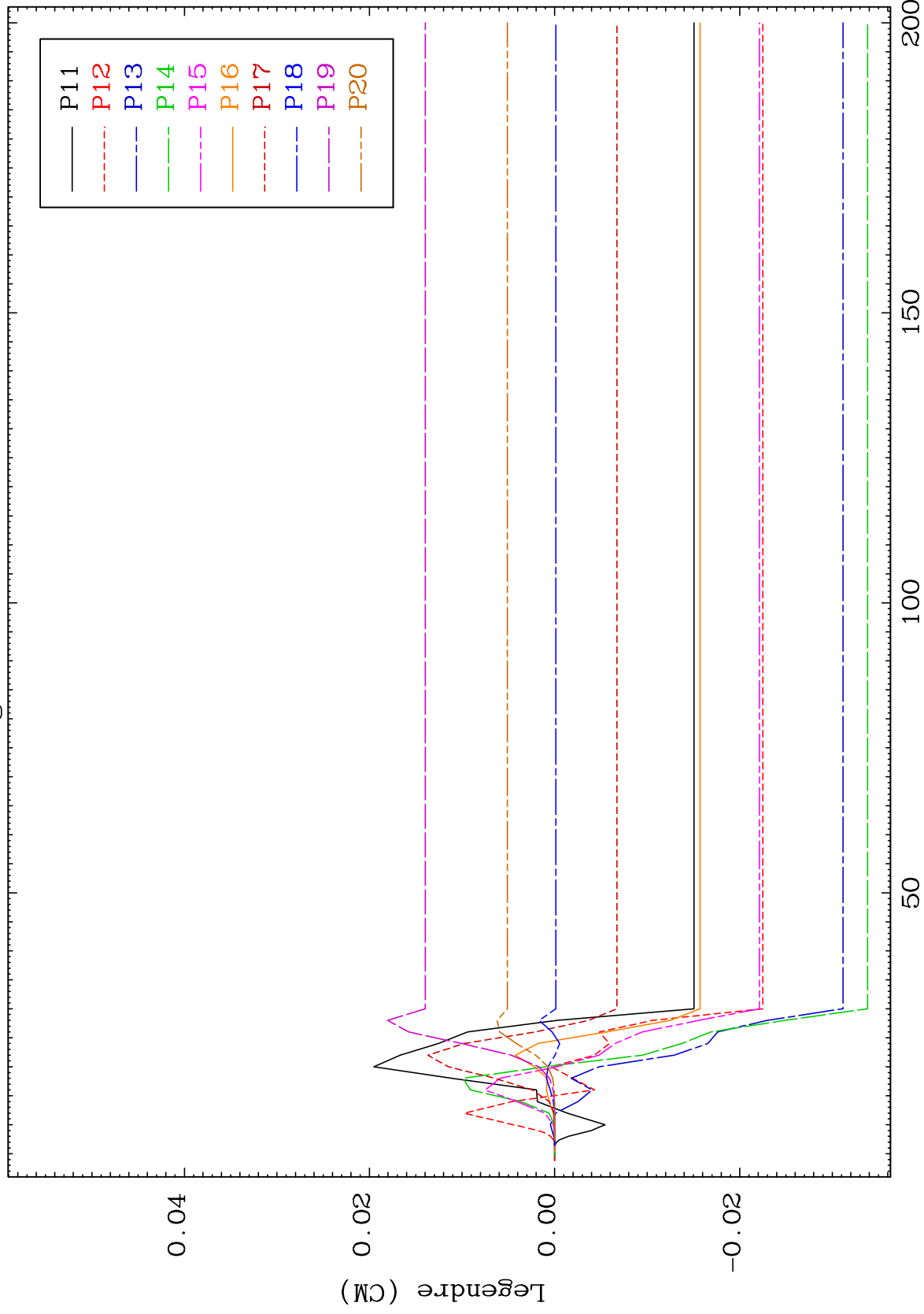








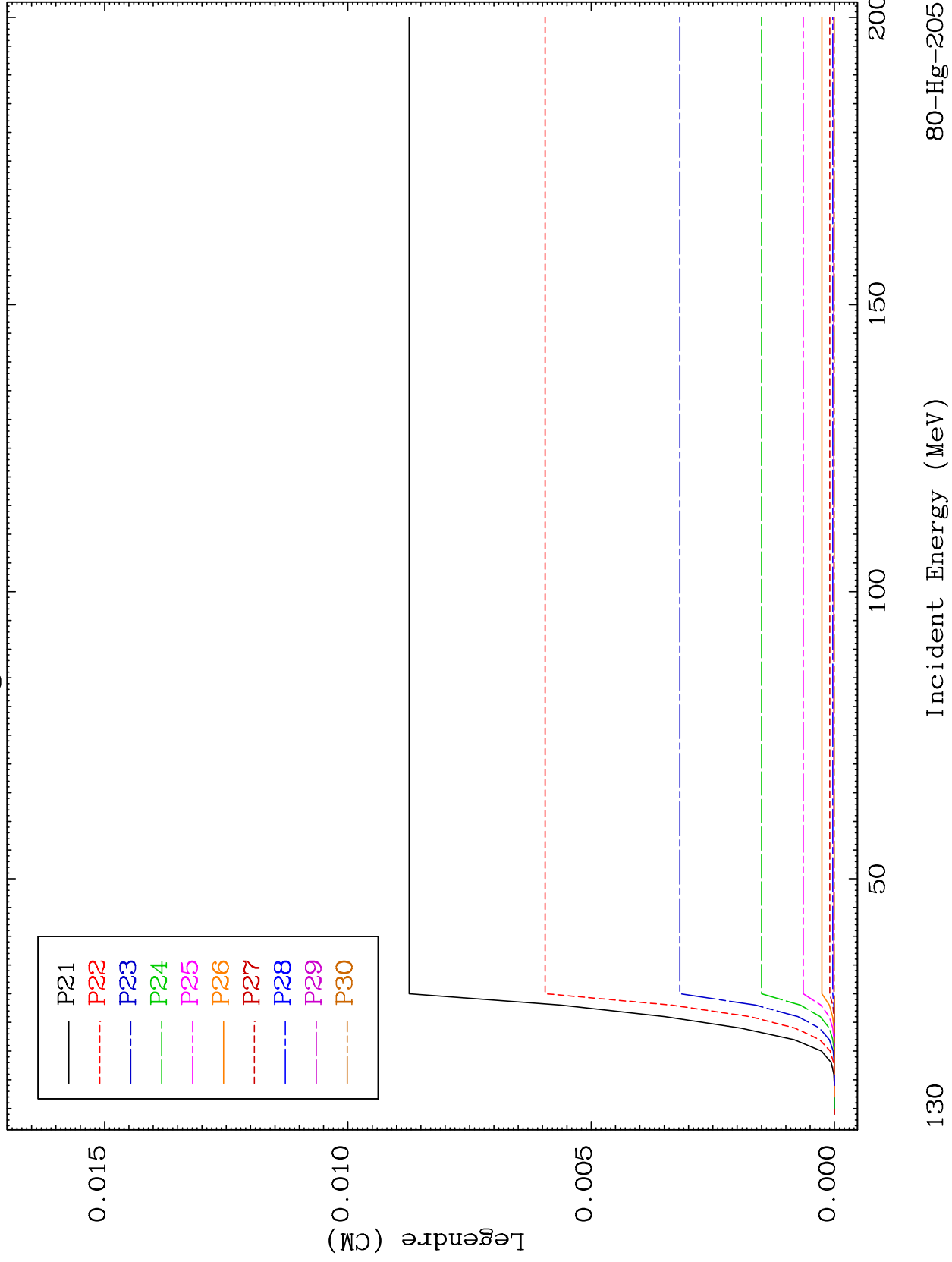




MAT 8052

3.366 MeV (n,n') Level  
Legendre Coefficients

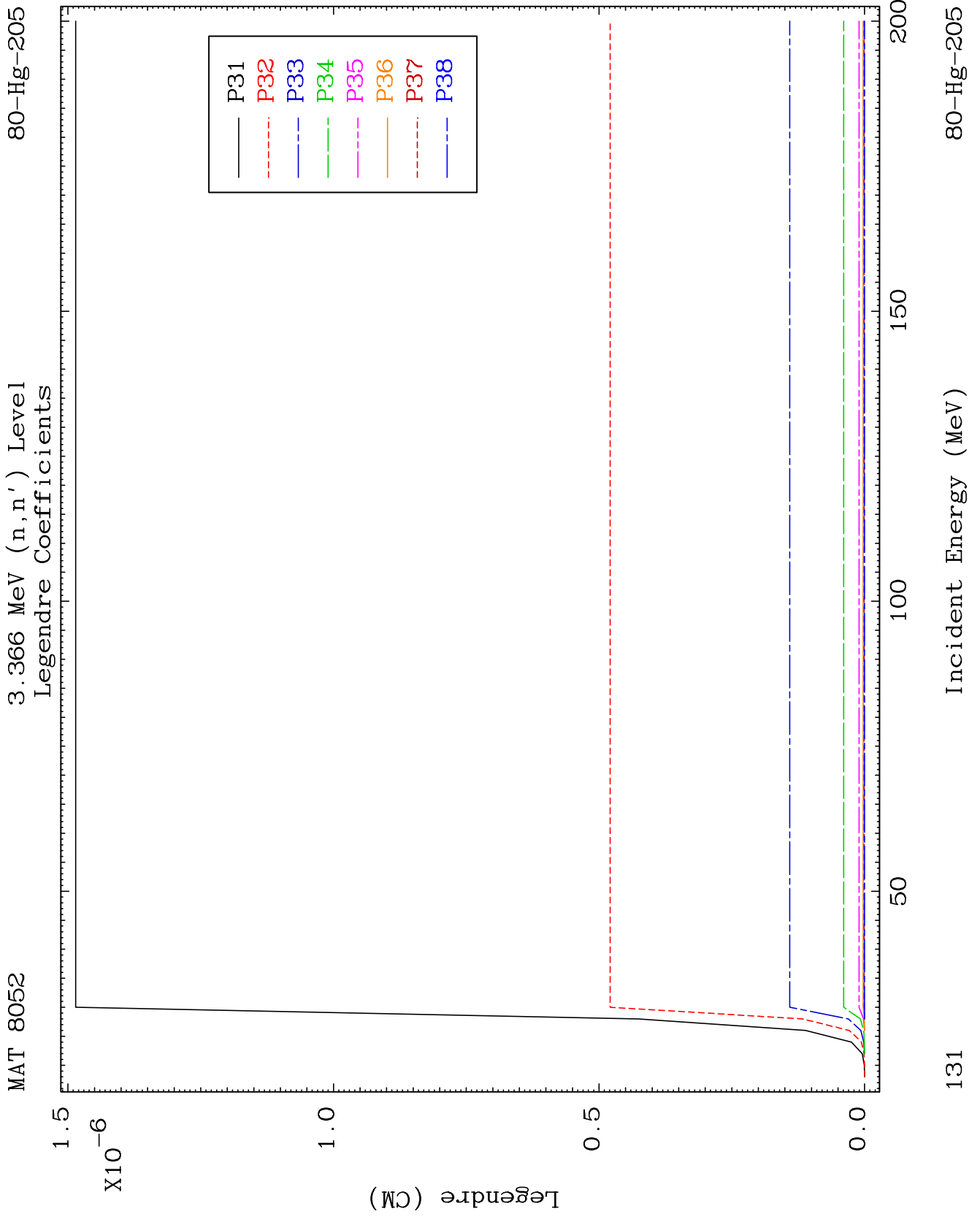
80-Hg-205



130

Incident Energy (MeV)

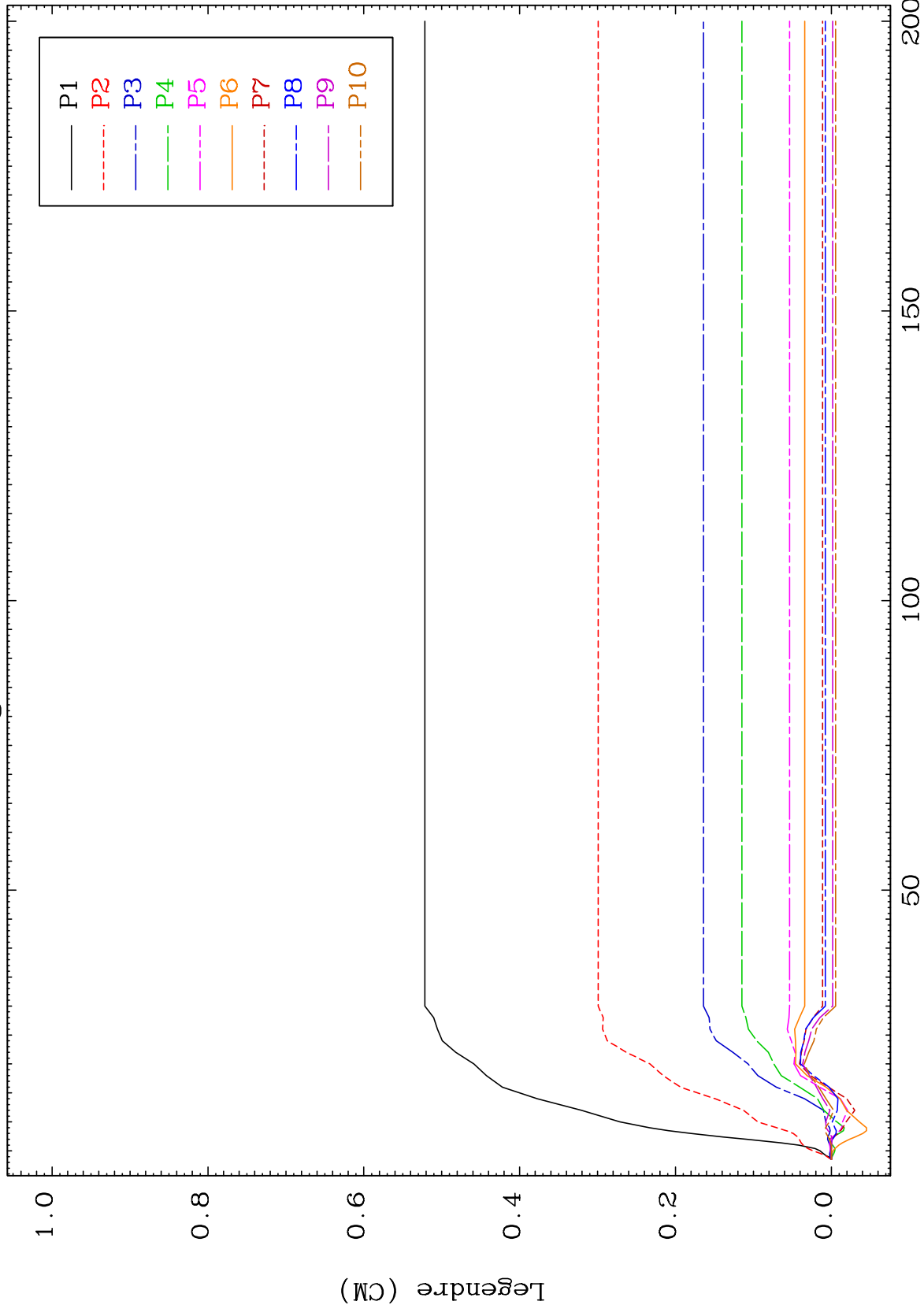
80-Hg-205



MAT 8052

3.488 MeV (n,n') Level  
Legendre Coefficients

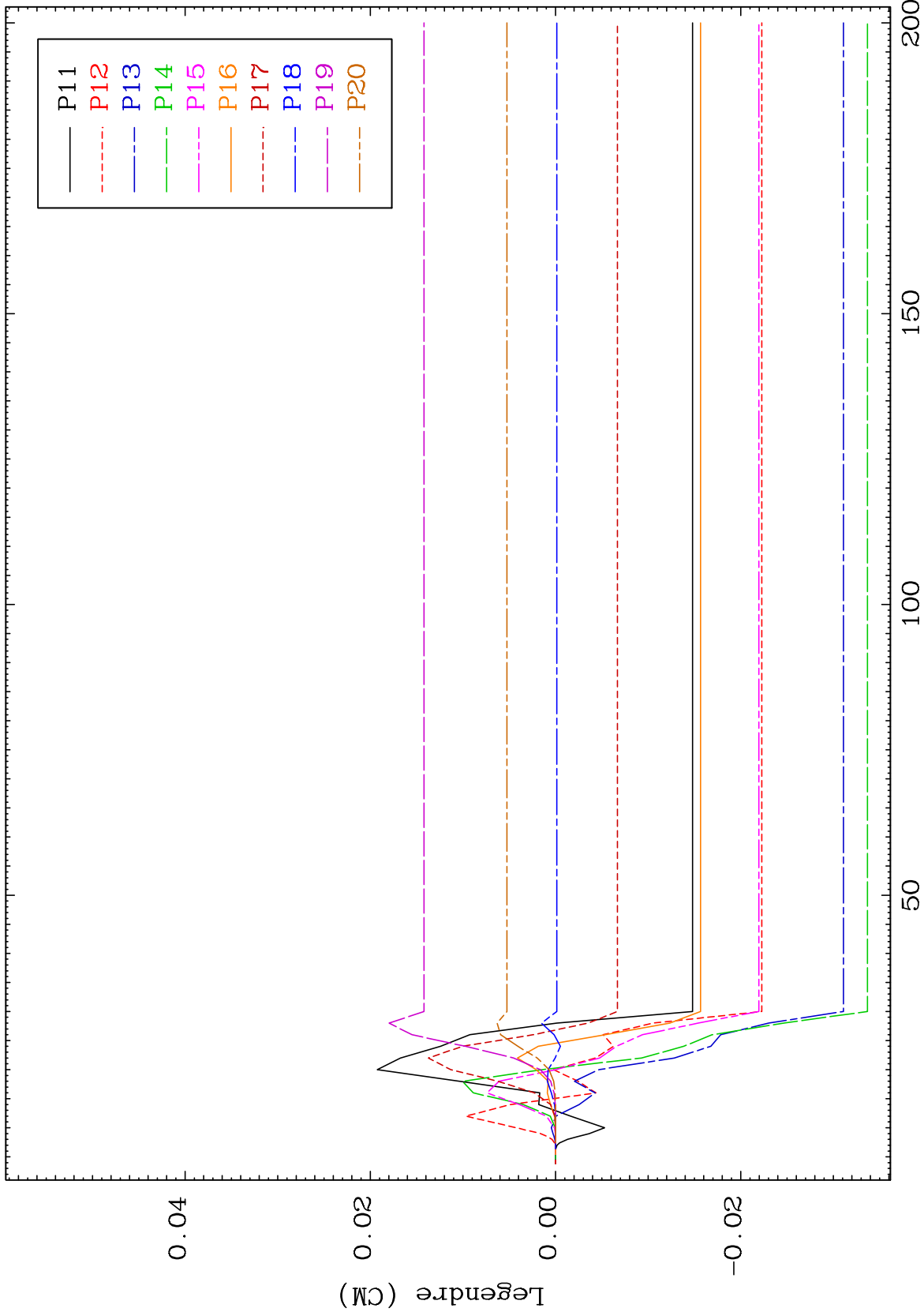
80-Hg-205



132

Incident Energy (MeV)

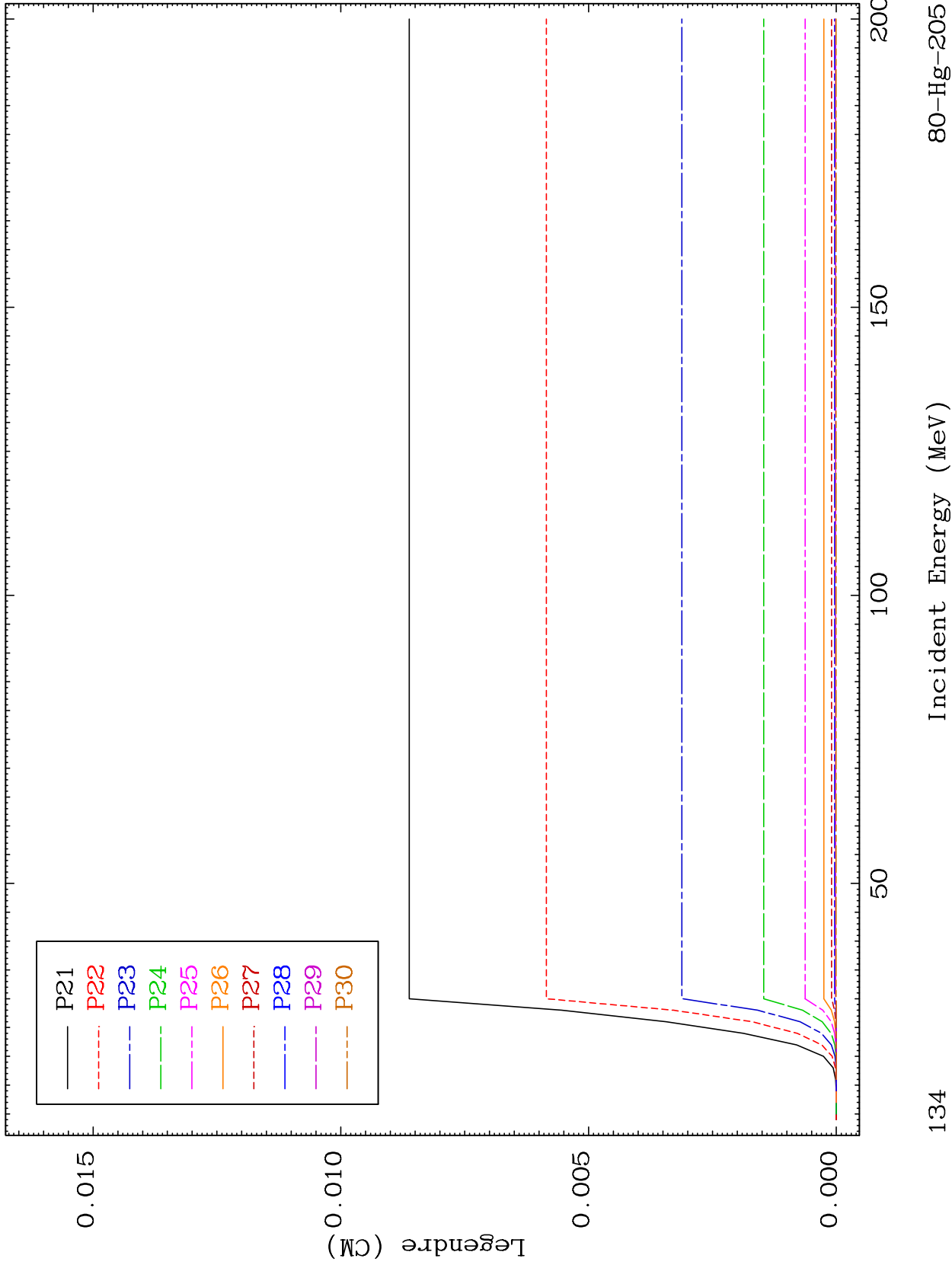
80-Hg-205



MAT 8052

3.488 MeV (n, n') Level  
Legendre Coefficients

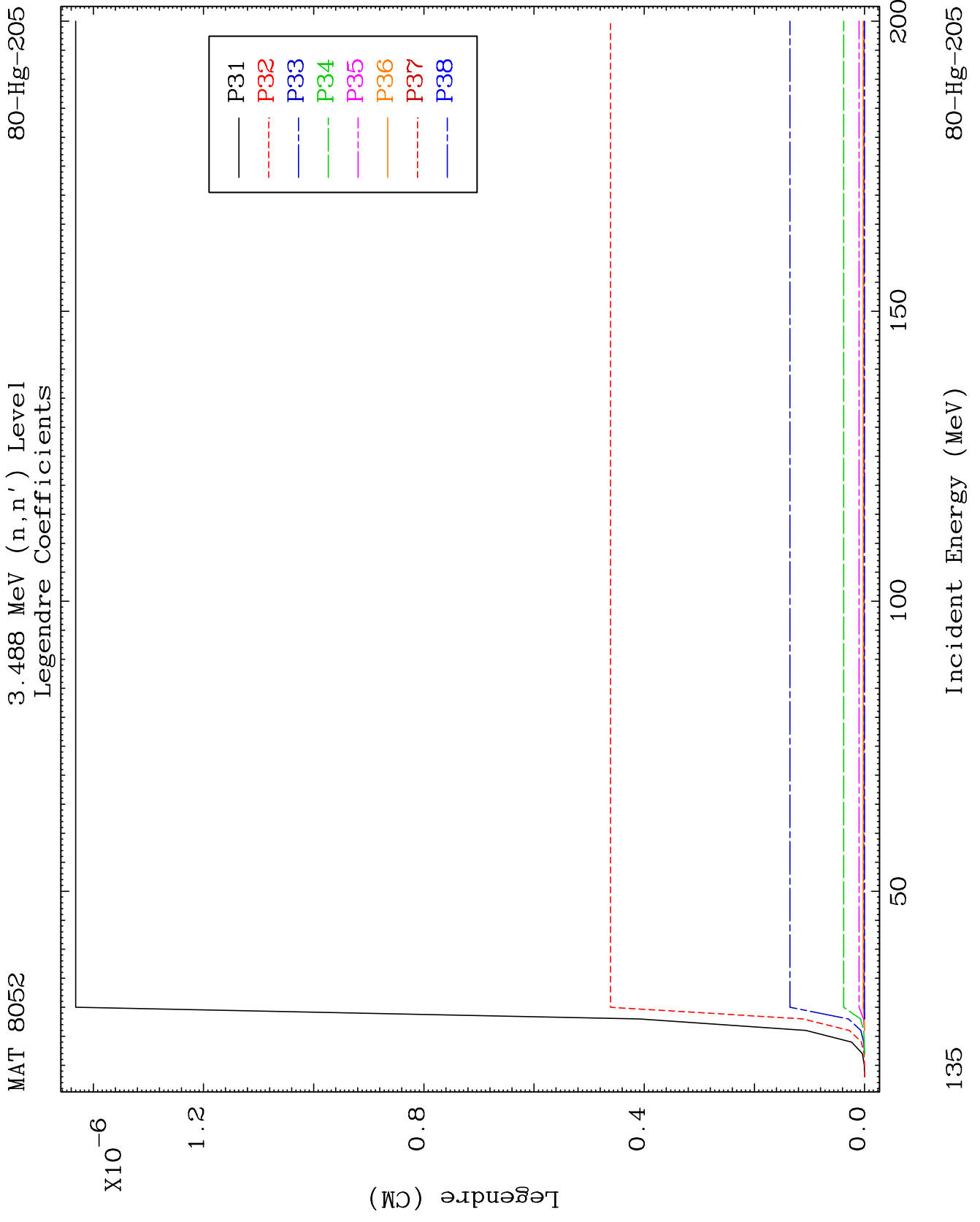
80-Hg-205



134

Incident Energy (MeV)

80-Hg-205



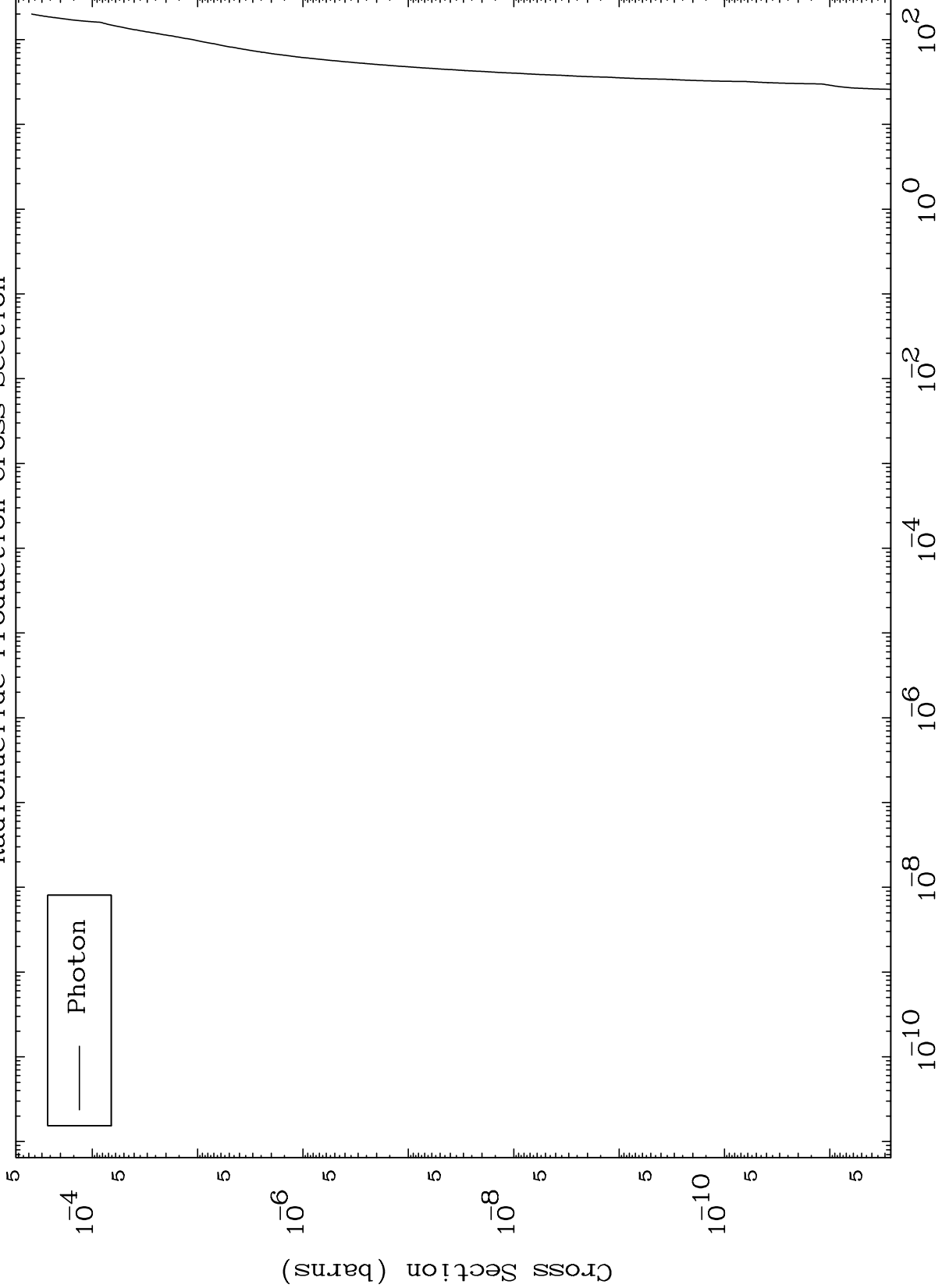


MAT 8052

Fission

80-Hg-205

Radionuclide Production Cross Section

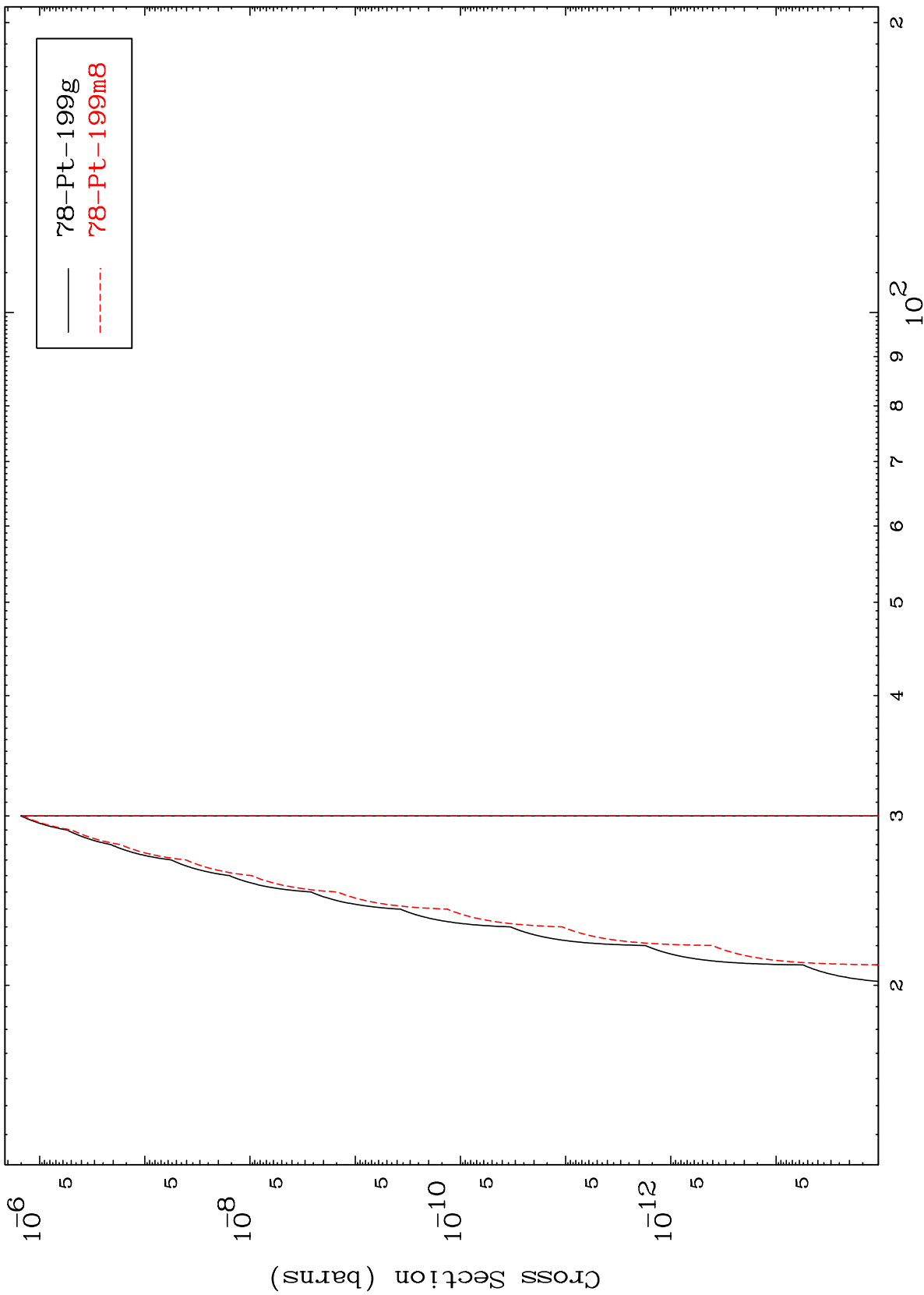


MAT 8052

(n,3n)  $\alpha$

80-Hg-205

Radionuclide Production Cross Section



137

Incident Energy (MeV)

80-Hg-205