

Program EVALPLOT  
(Version 2015-2)

by

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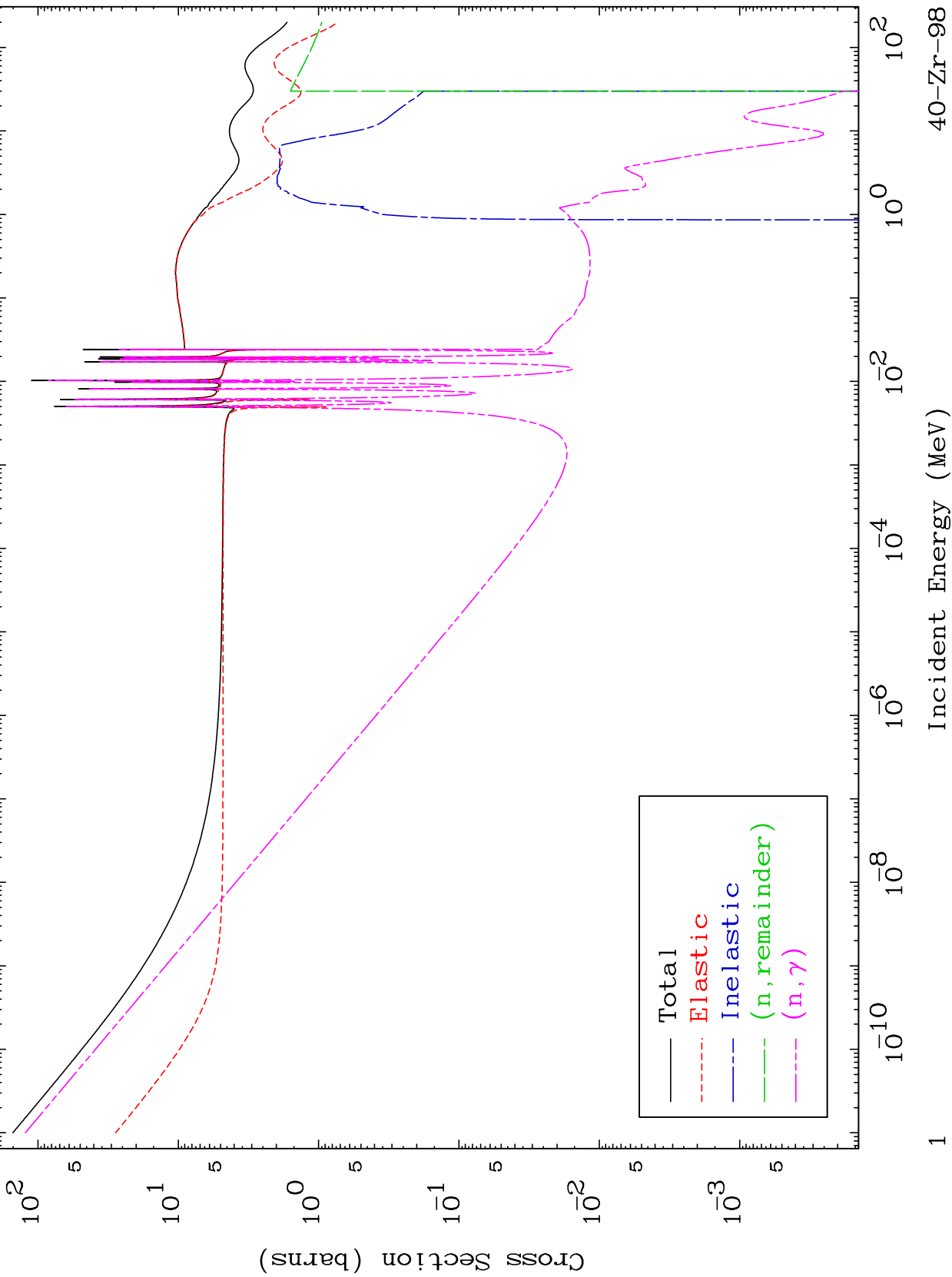
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4049

Major  
293 Kelvin Cross Sections

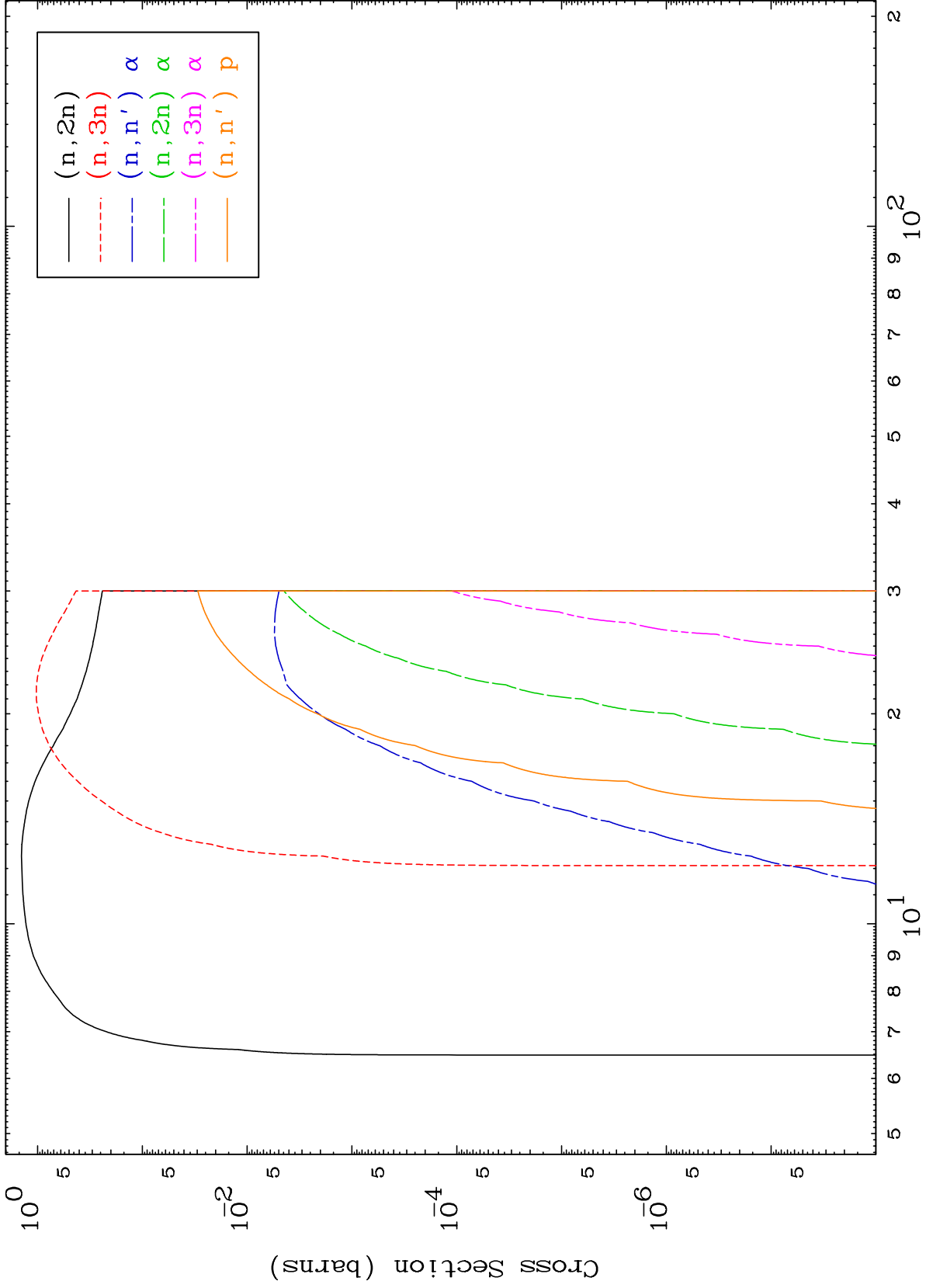
40-Zr-98



MAT 4049

Neutron Production  
293 Kelvin Cross Sections

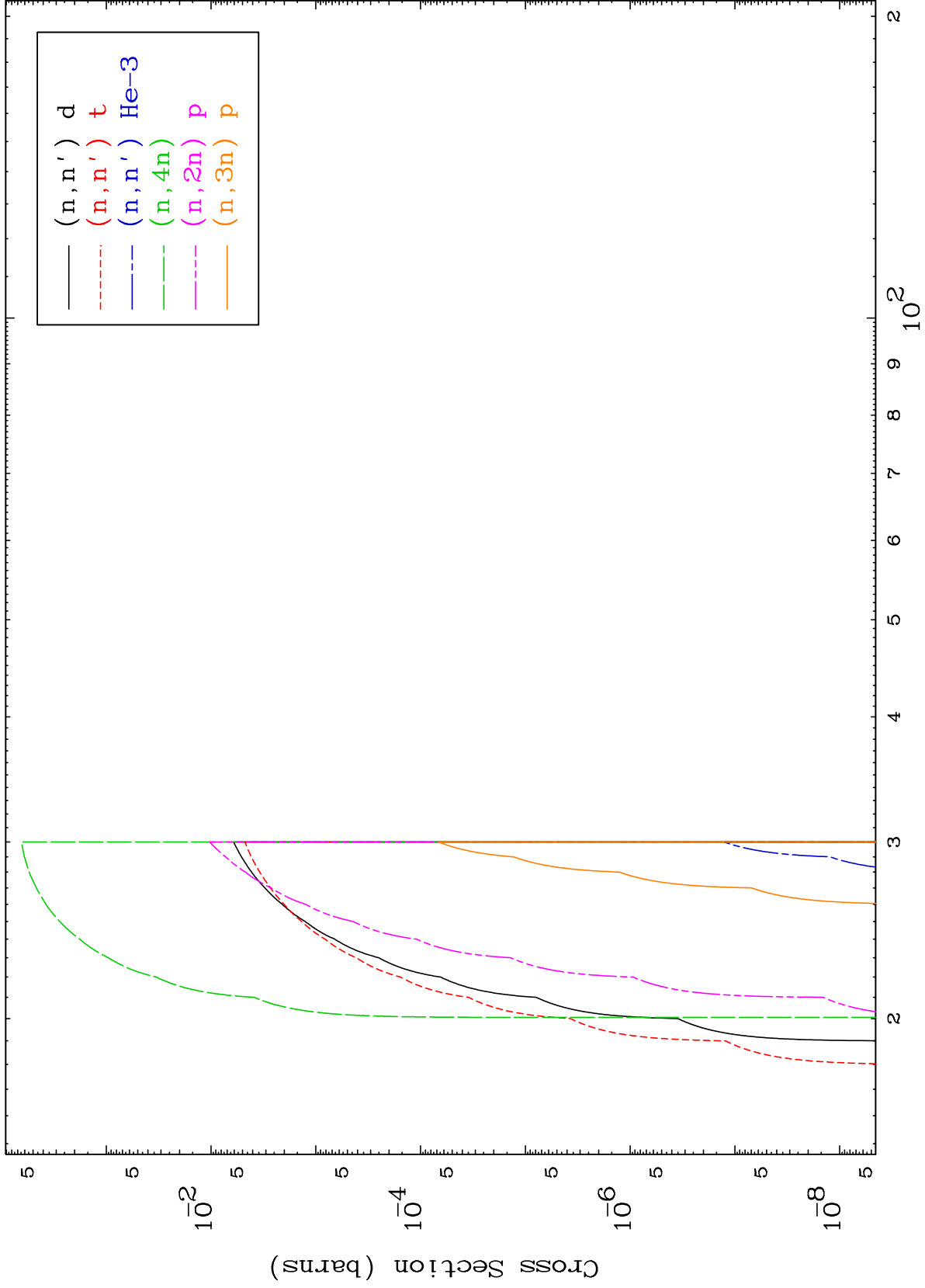
40-Zr-98

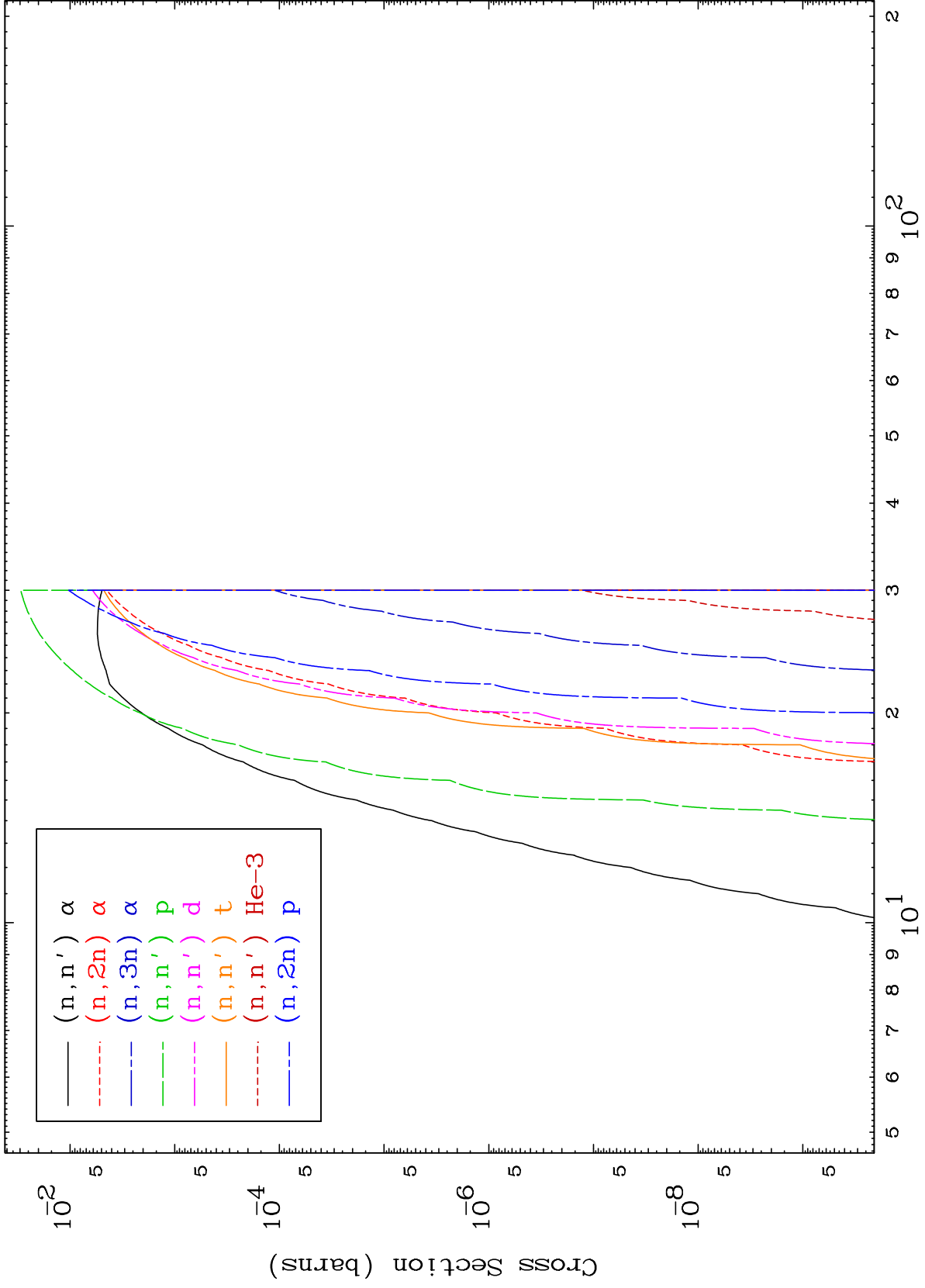


2

Incident Energy (MeV)

40-Zr-98

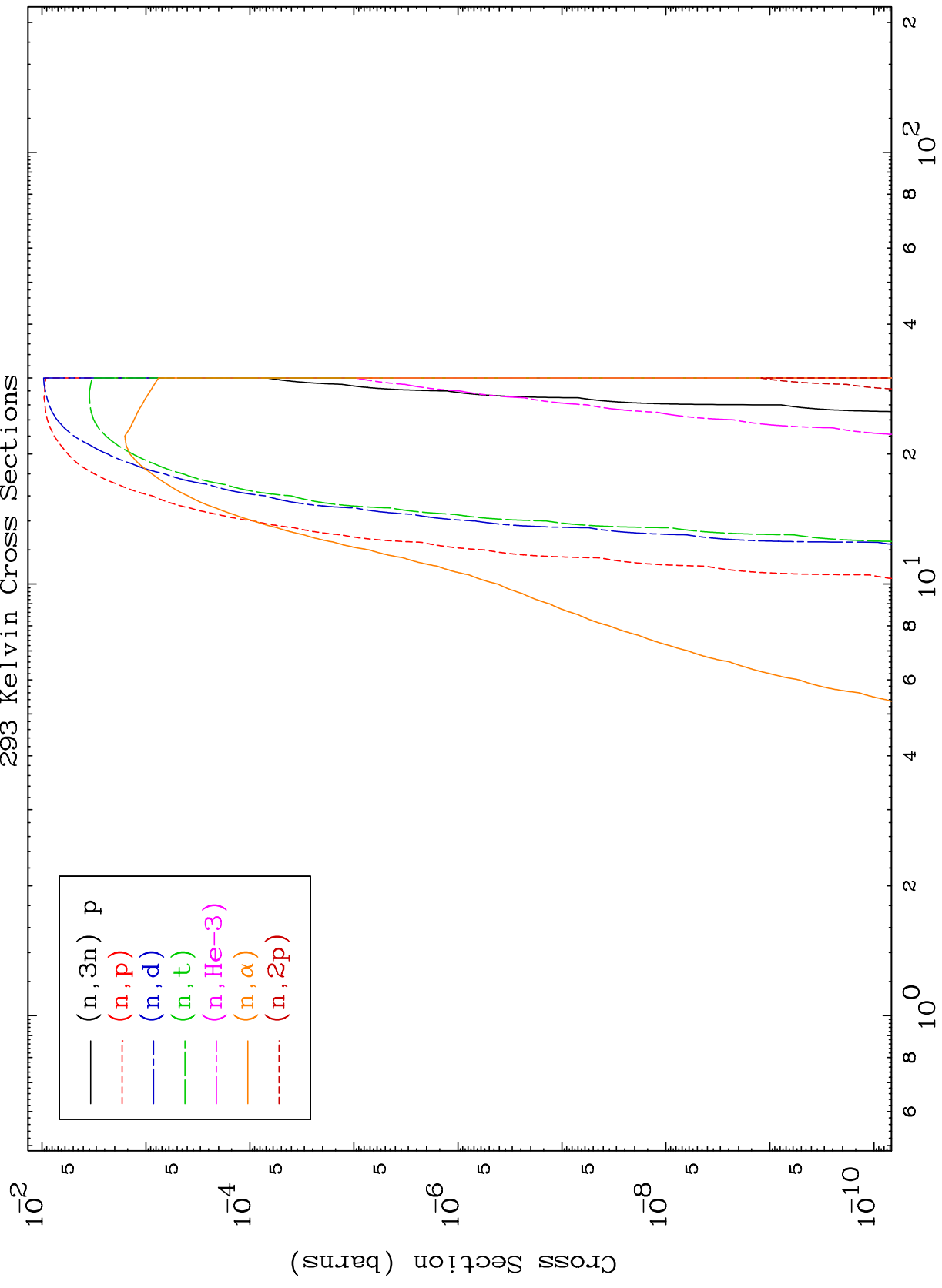




MAT 4049

Charged Particle  
293 Kelvin Cross Sections

40-Zr-98



Incident Energy (MeV)

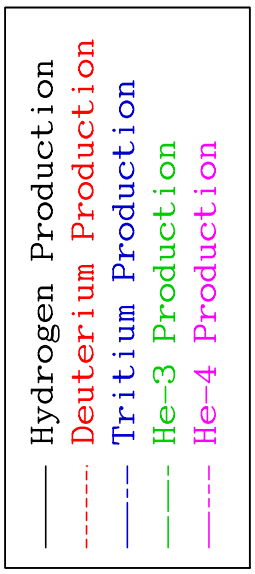
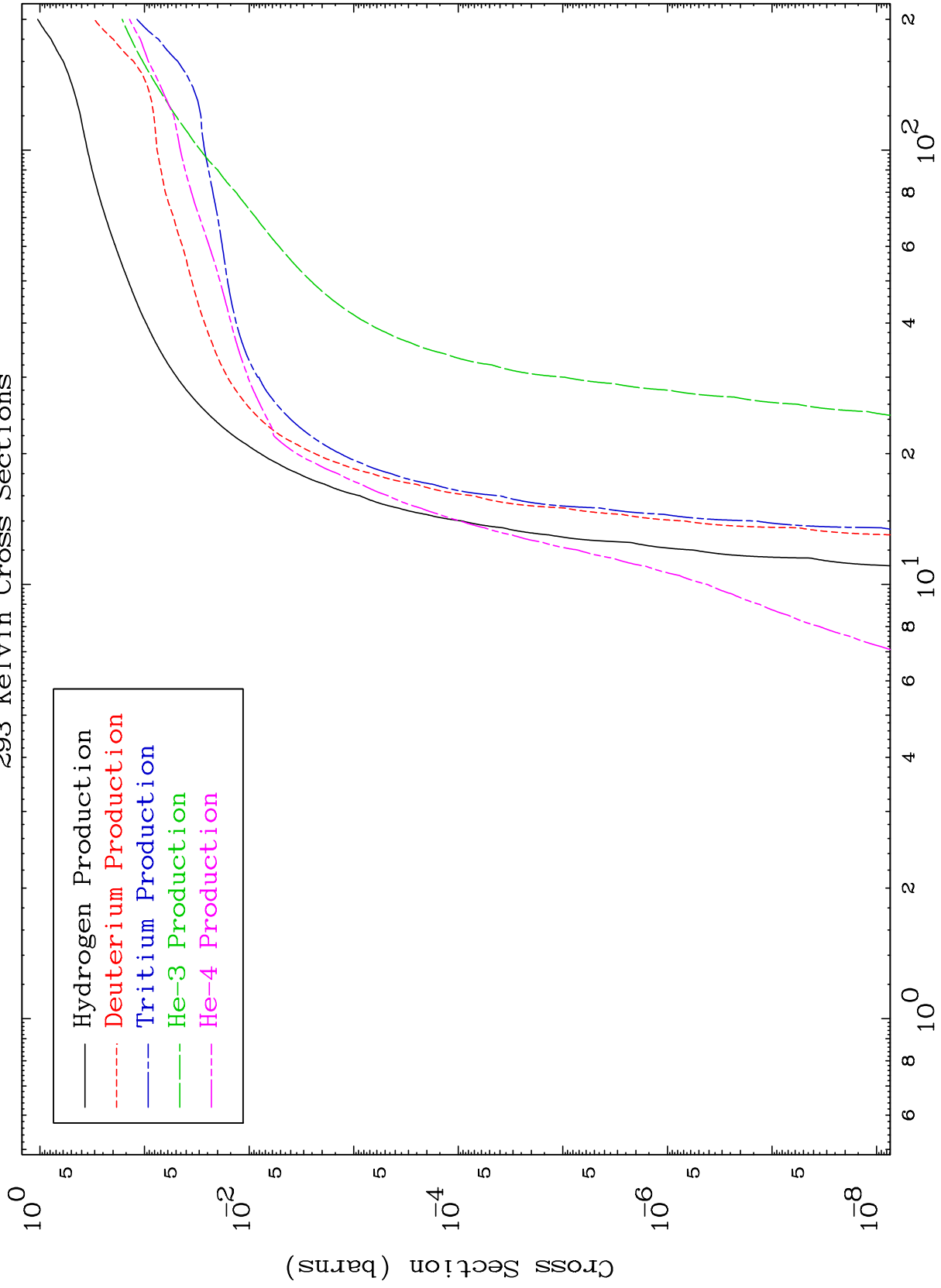
40-Zr-98

5

MAT 4049

Particle Production  
293 Kelvin Cross Sections

40-Zr-98



6

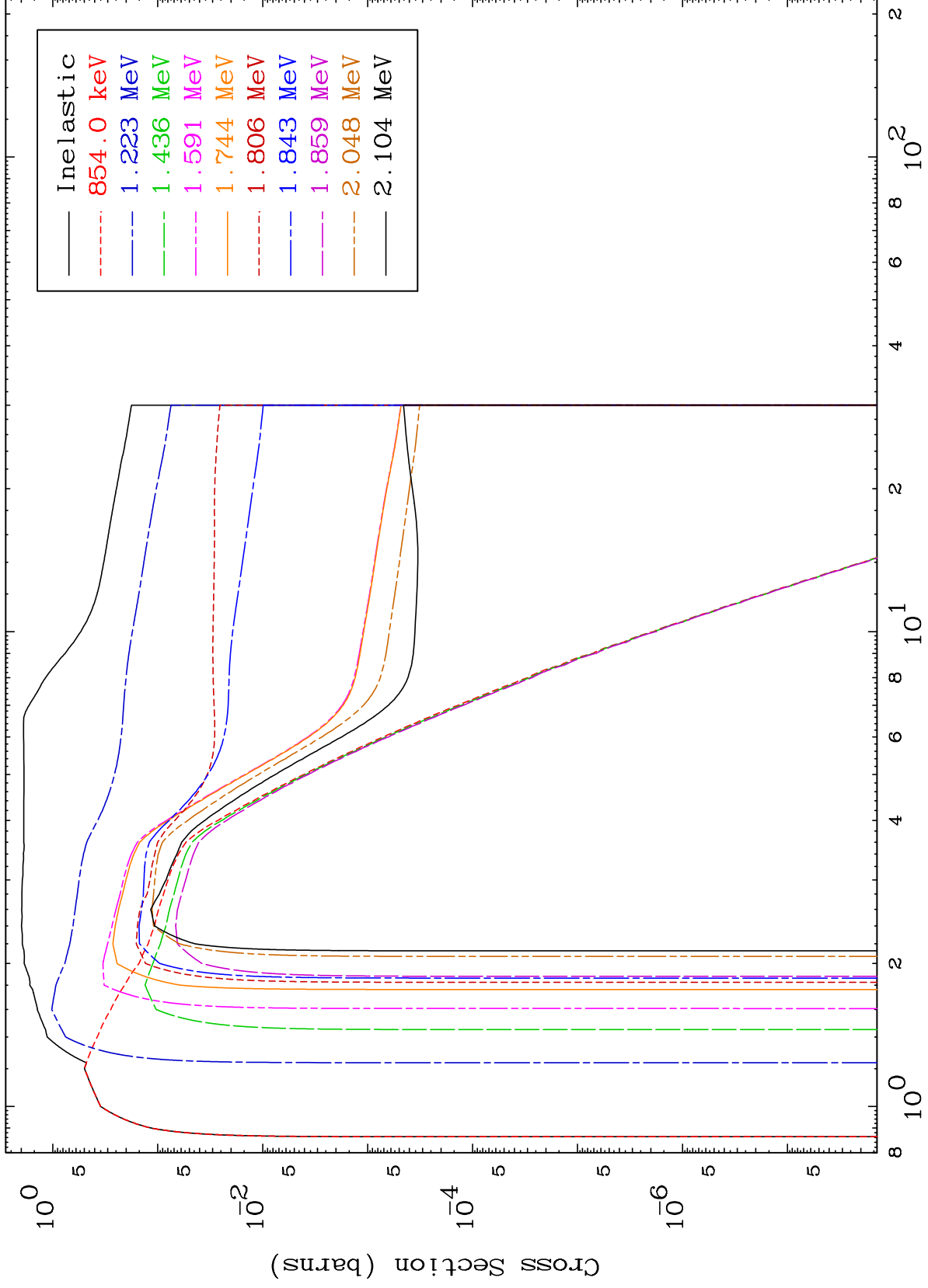
Incident Energy (MeV)

40-Zr-98

MAT 4049

(n,n') Level  
293 Kelvin Cross Sections

40-Zr-98



Incident Energy (MeV)

40-Zr-98

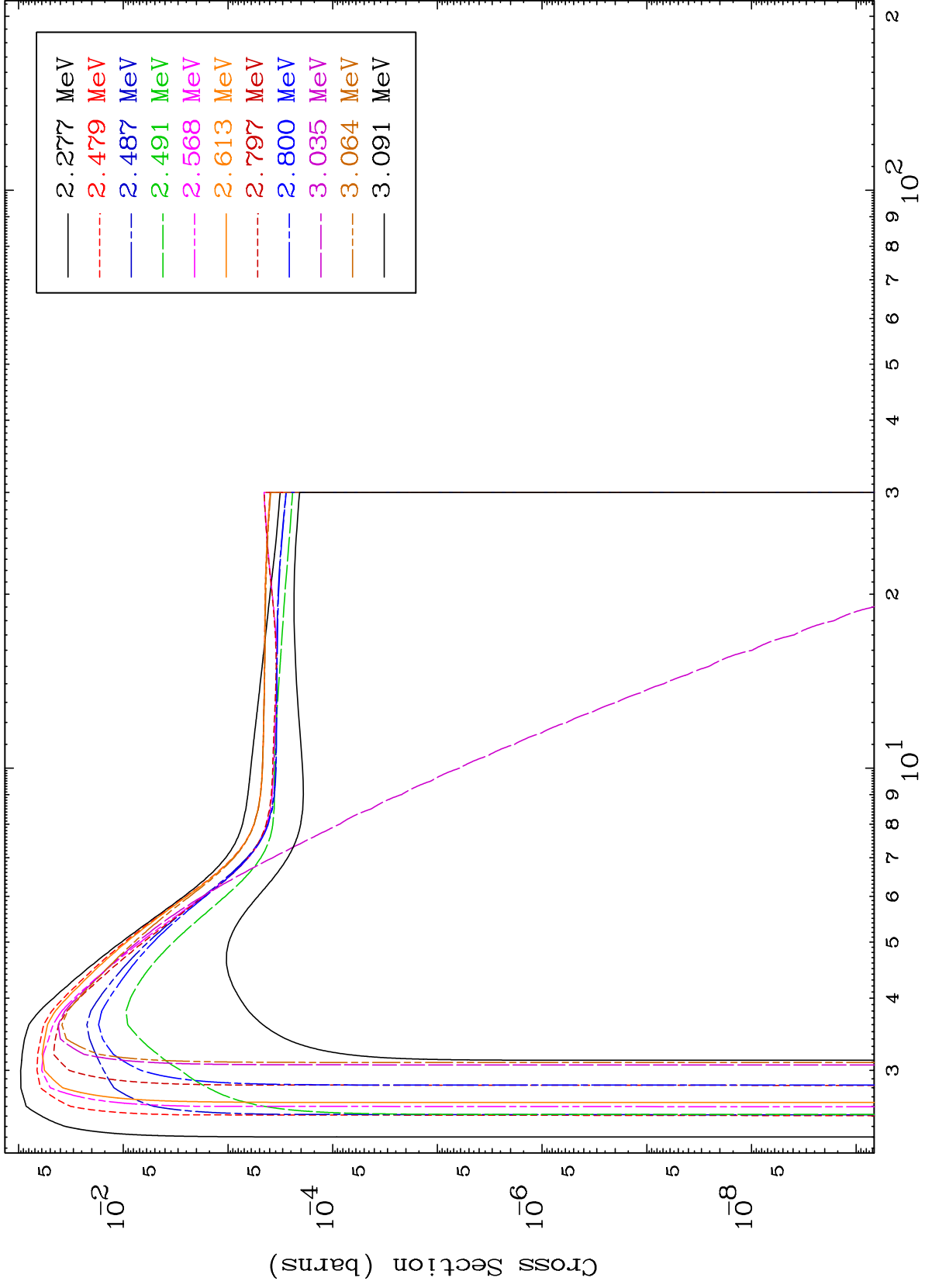
7



MAT 4049

(n,n') Level  
293 Kelvin Cross Sections

40-Zr-98



8

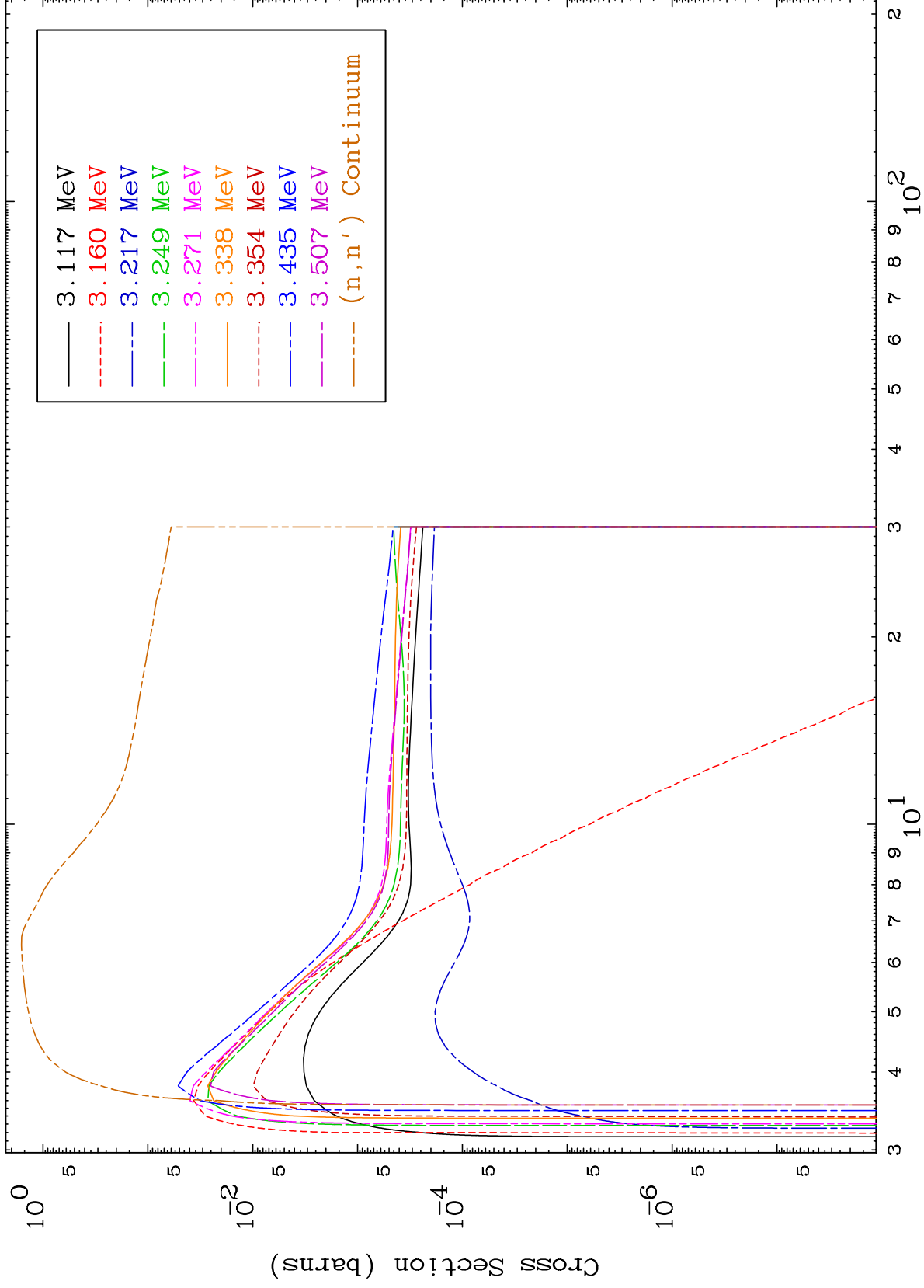
Incident Energy (MeV)

40-Zr-98

MAT 4049

(n,n') Level  
293 Kelvin Cross Sections

40-Zr-98



9

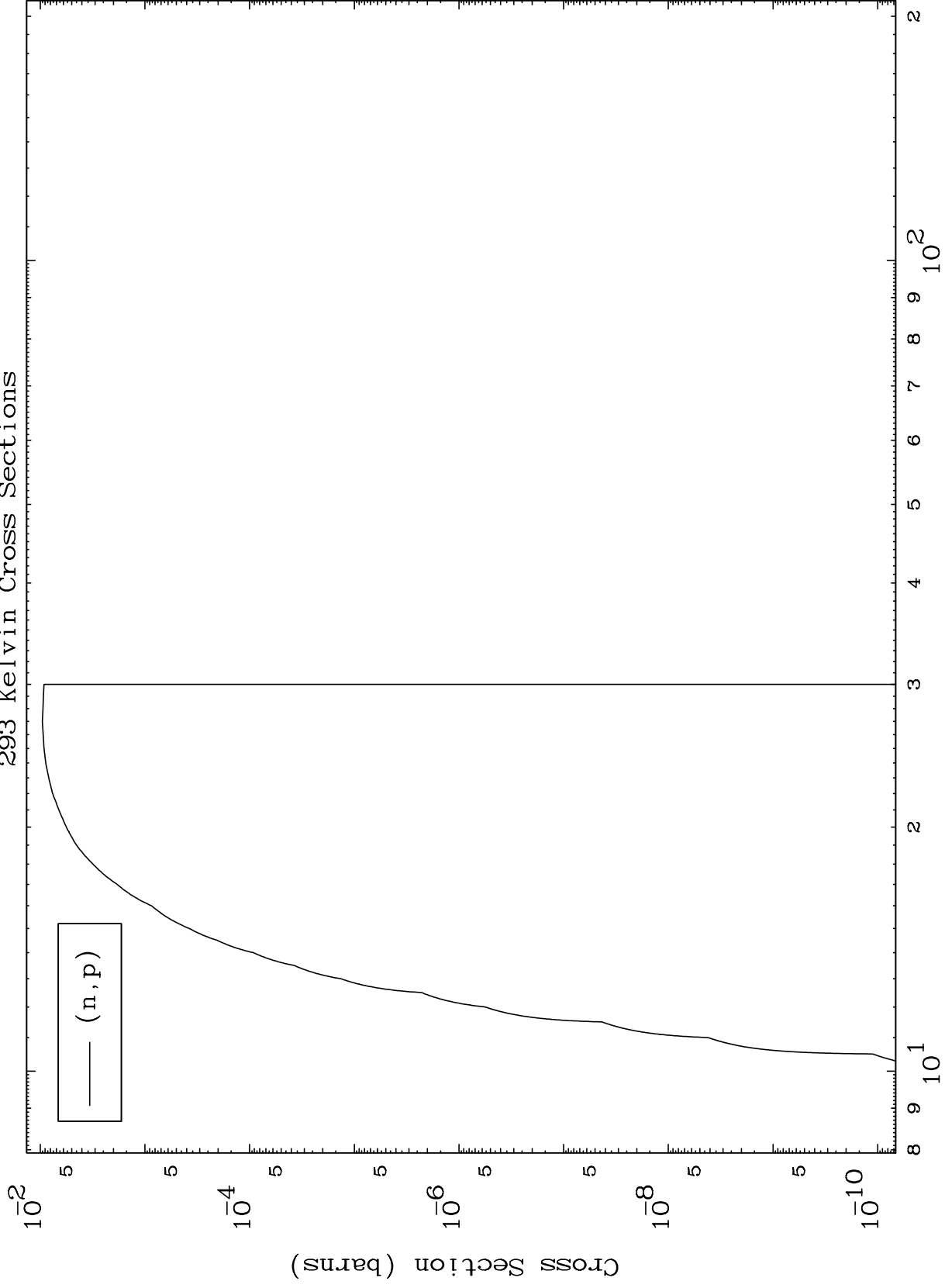
Incident Energy (MeV)

40-Zr-98

MAT 4049

(n,p) Levels  
293 Kelvin Cross Sections

40-Zr-98



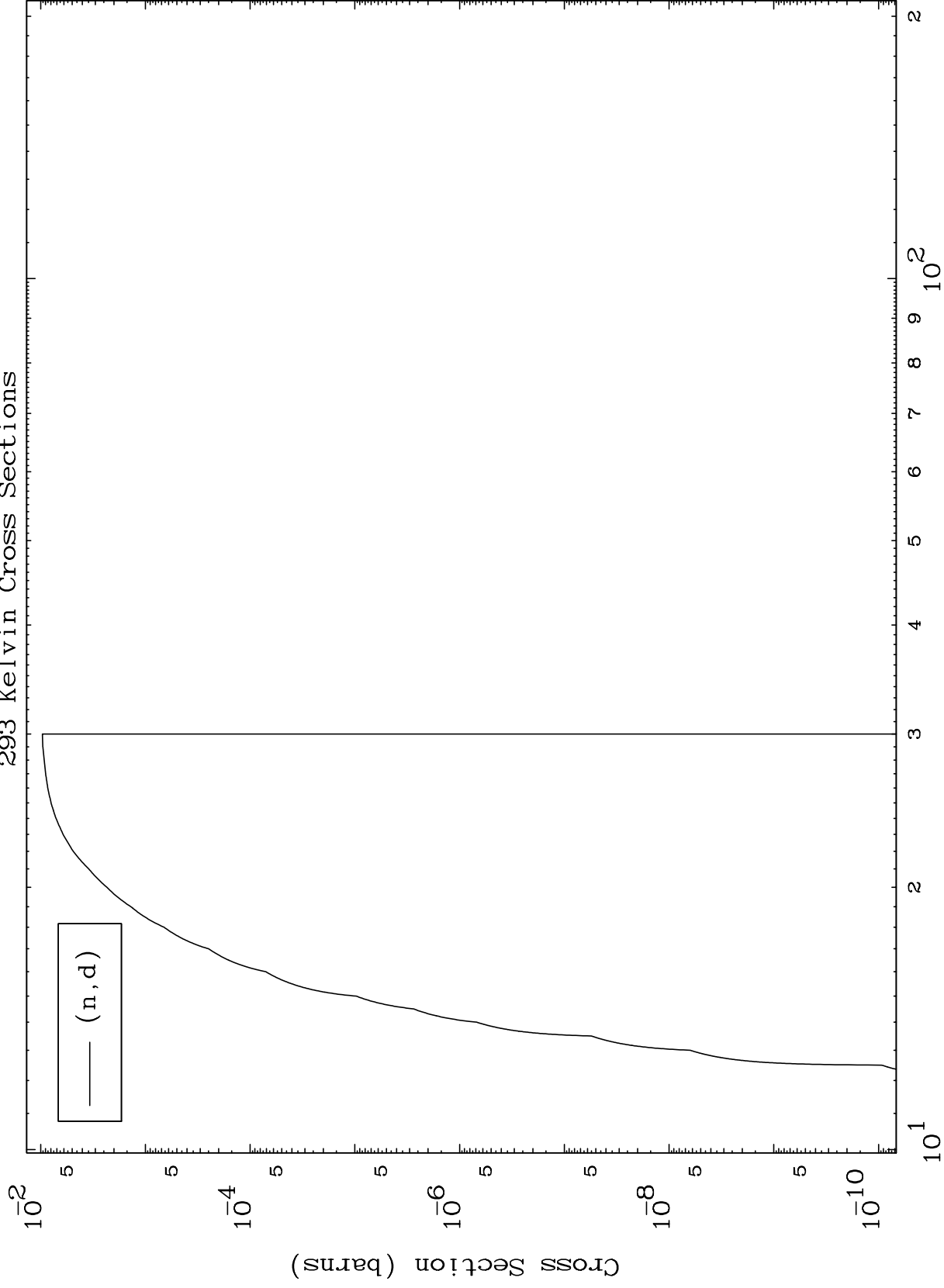
Incident Energy (MeV)

40-Zr-98

MAT 4049

(n,d) Levels  
293 Kelvin Cross Sections

40-Zr-98



Incident Energy (MeV)

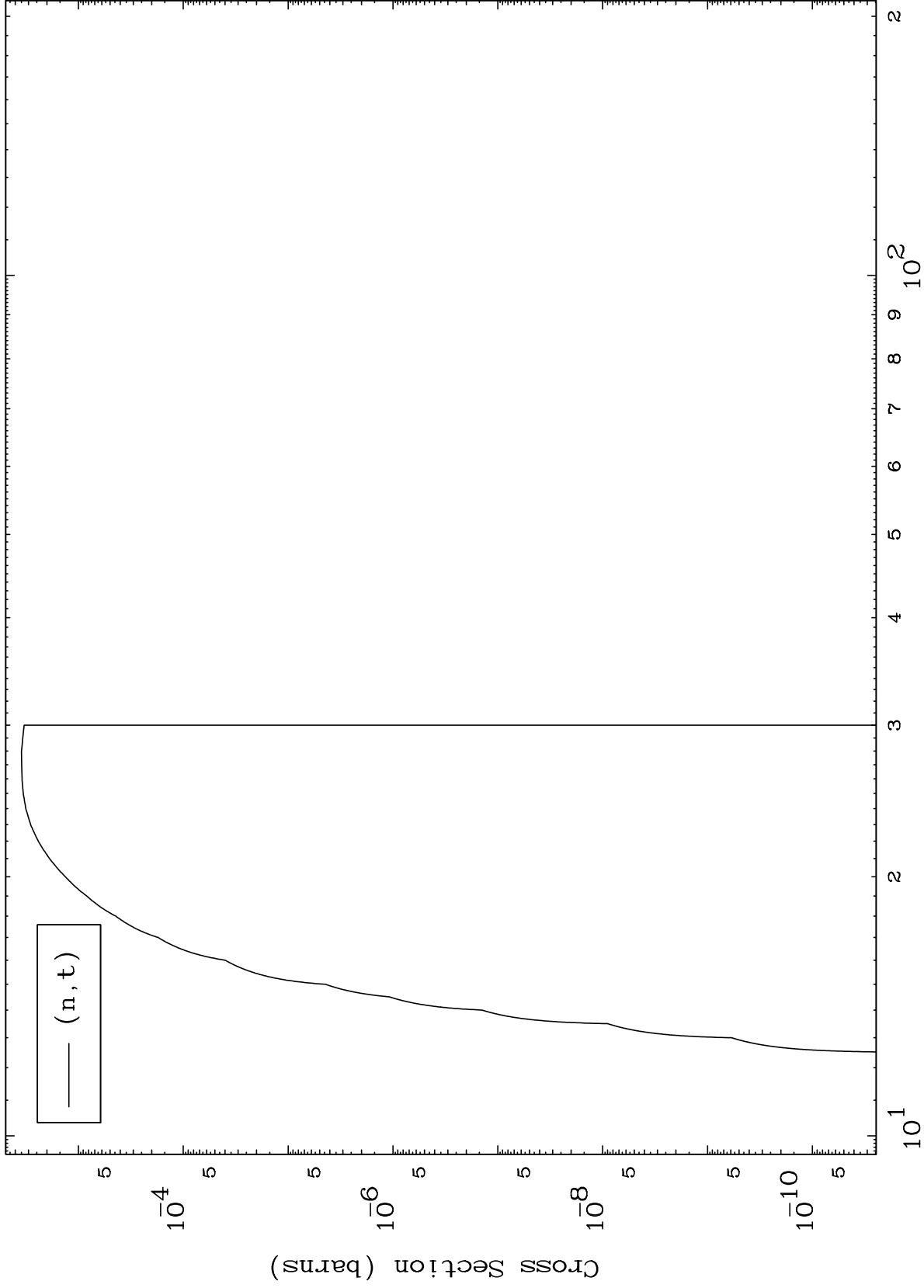
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11

MAT 4049

(n,t) Levels  
293 Kelvin Cross Sections

40-Zr-98



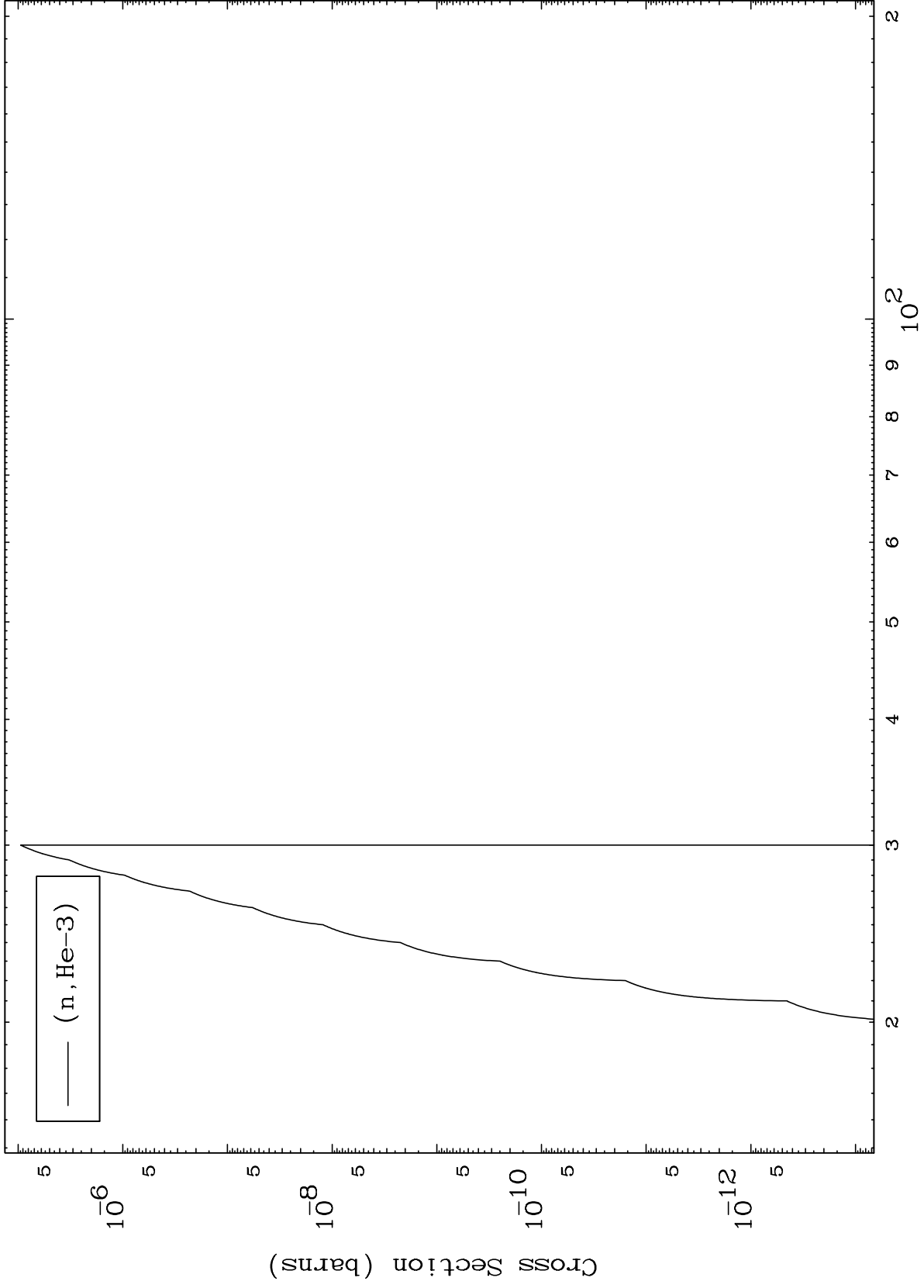
Incident Energy (MeV)

40-Zr-98

MAT 4049

(n,He3) Levels  
293 Kelvin Cross Sections

40-Zr-98



13

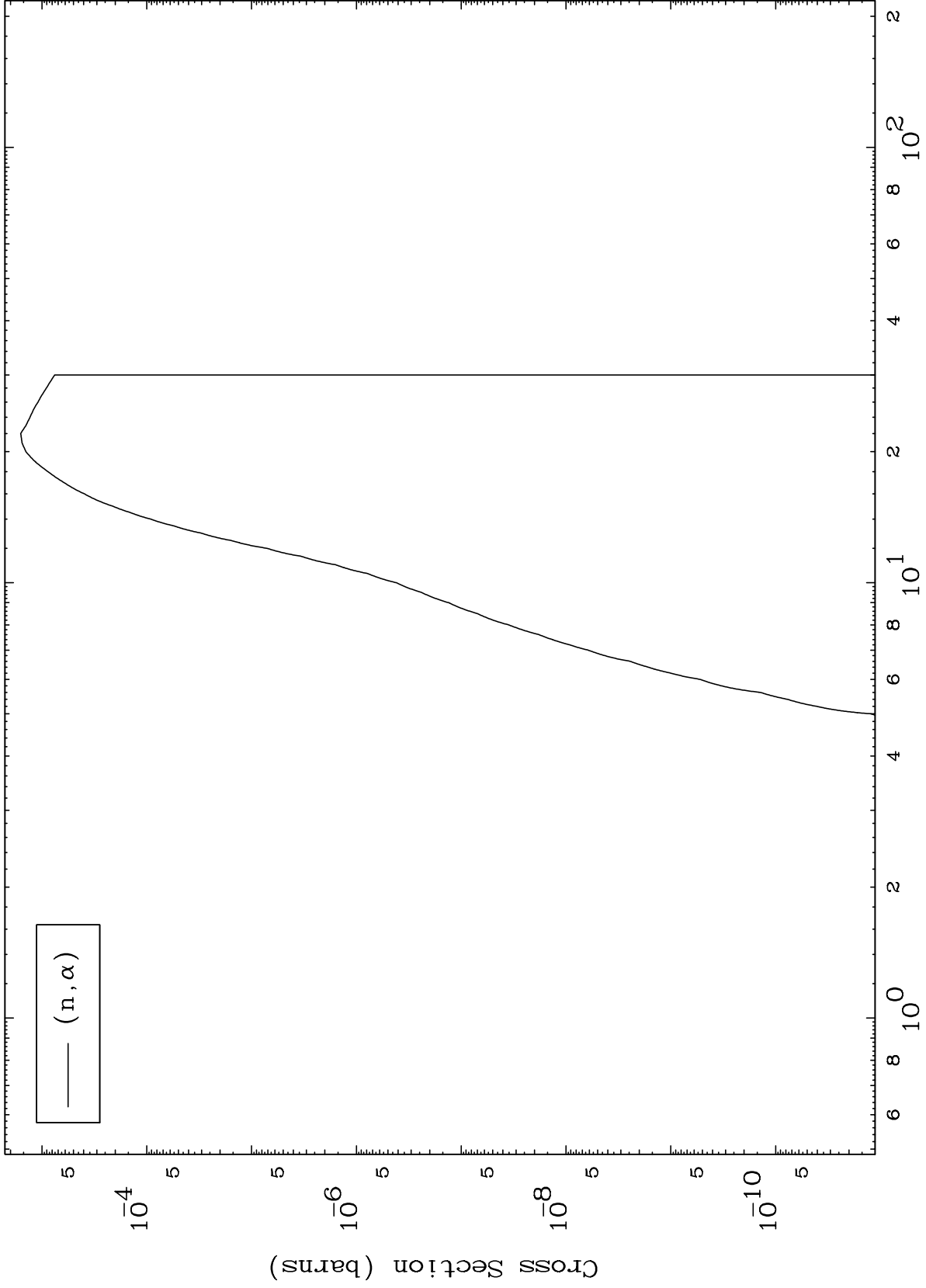
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

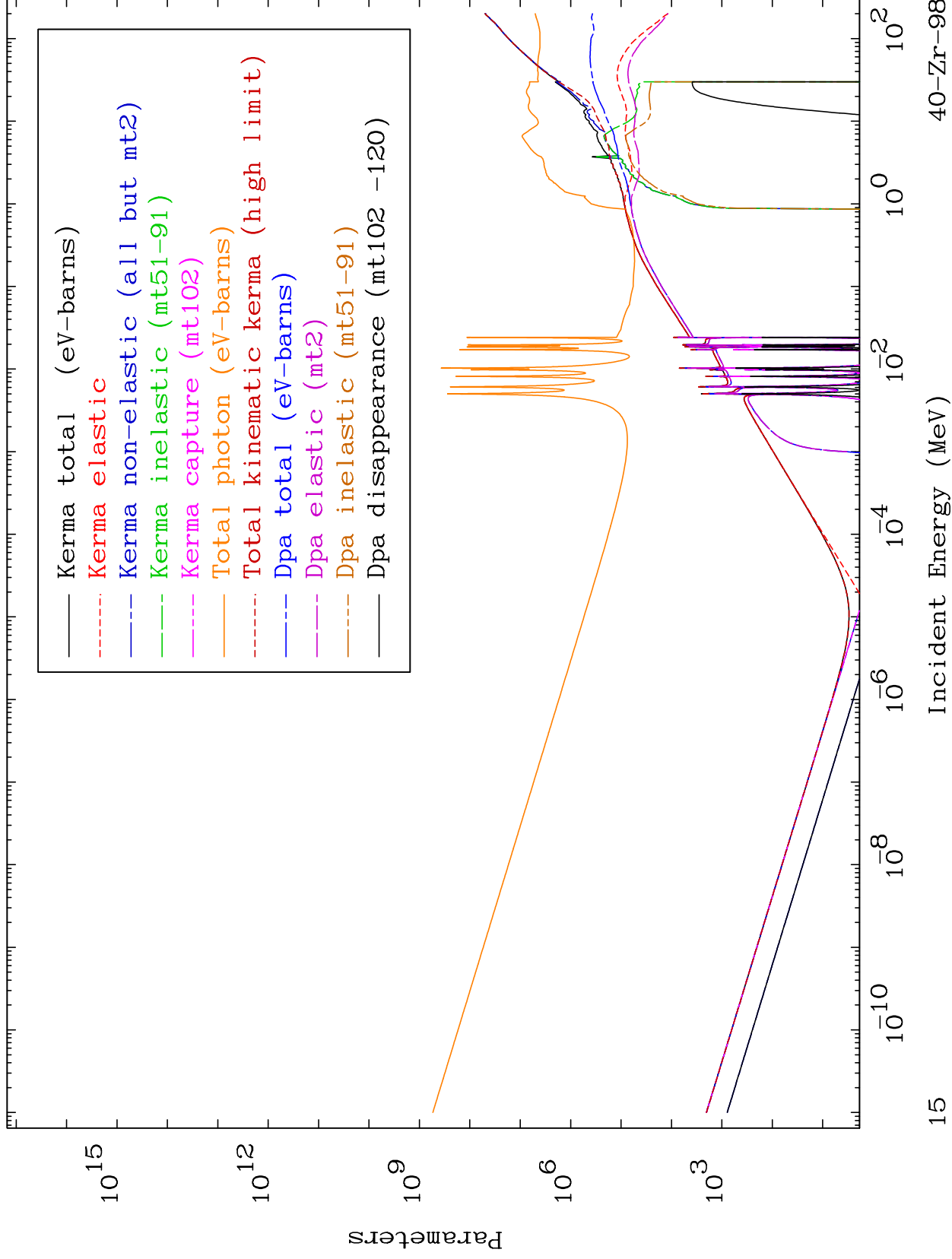
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14

Incident Energy (MeV)

40-Zr-98

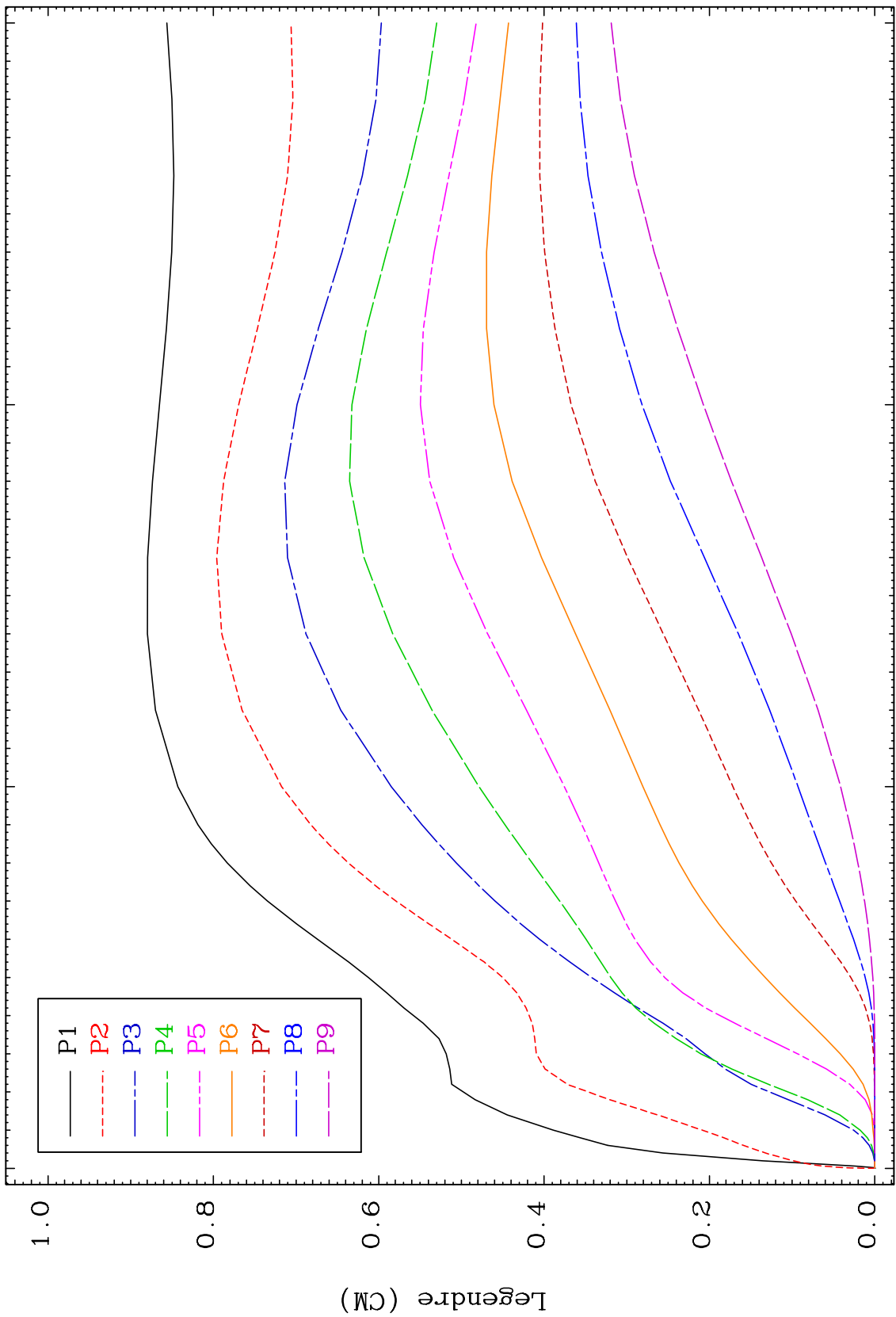




MAT 4049

Elastic Legendre Coefficients

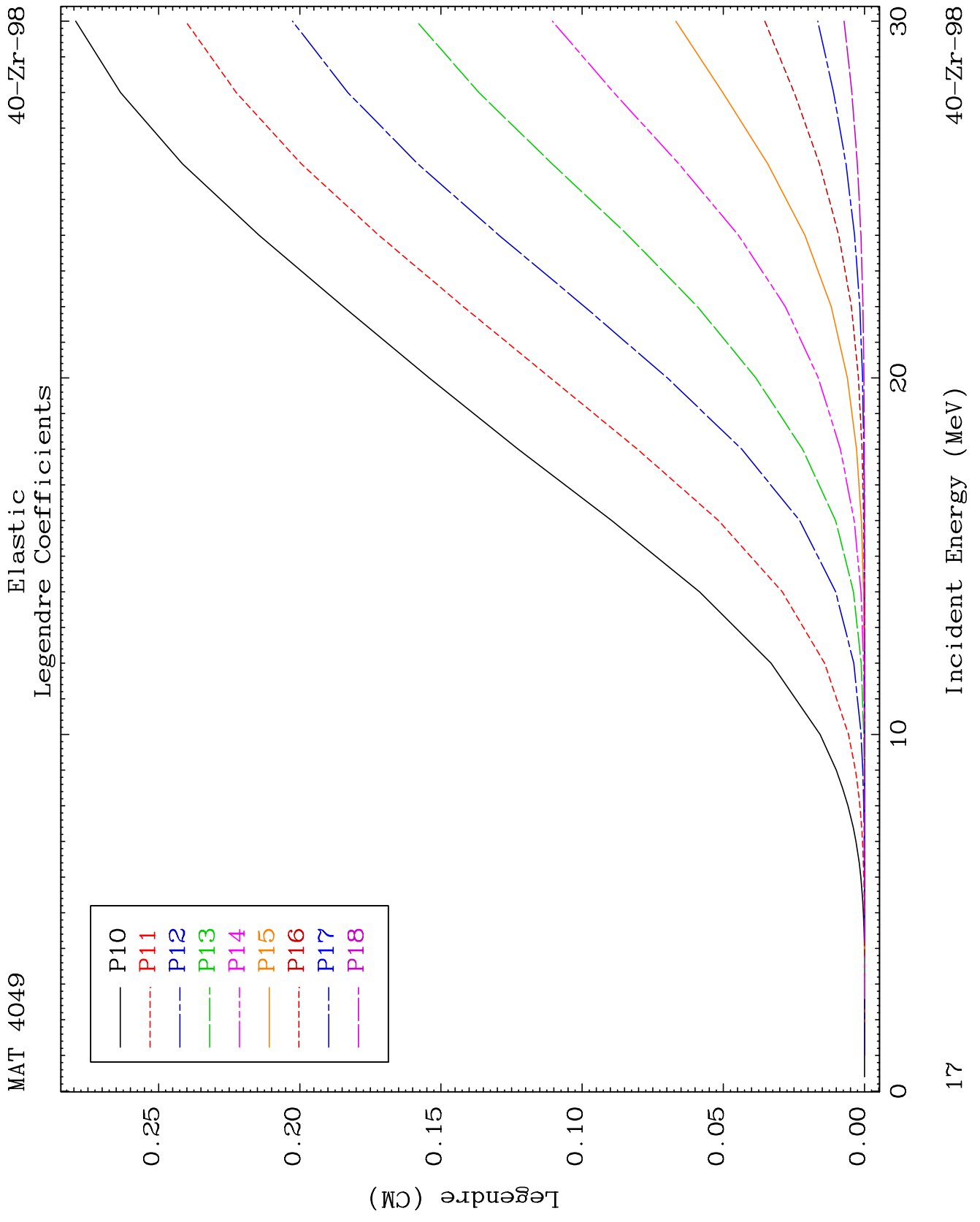
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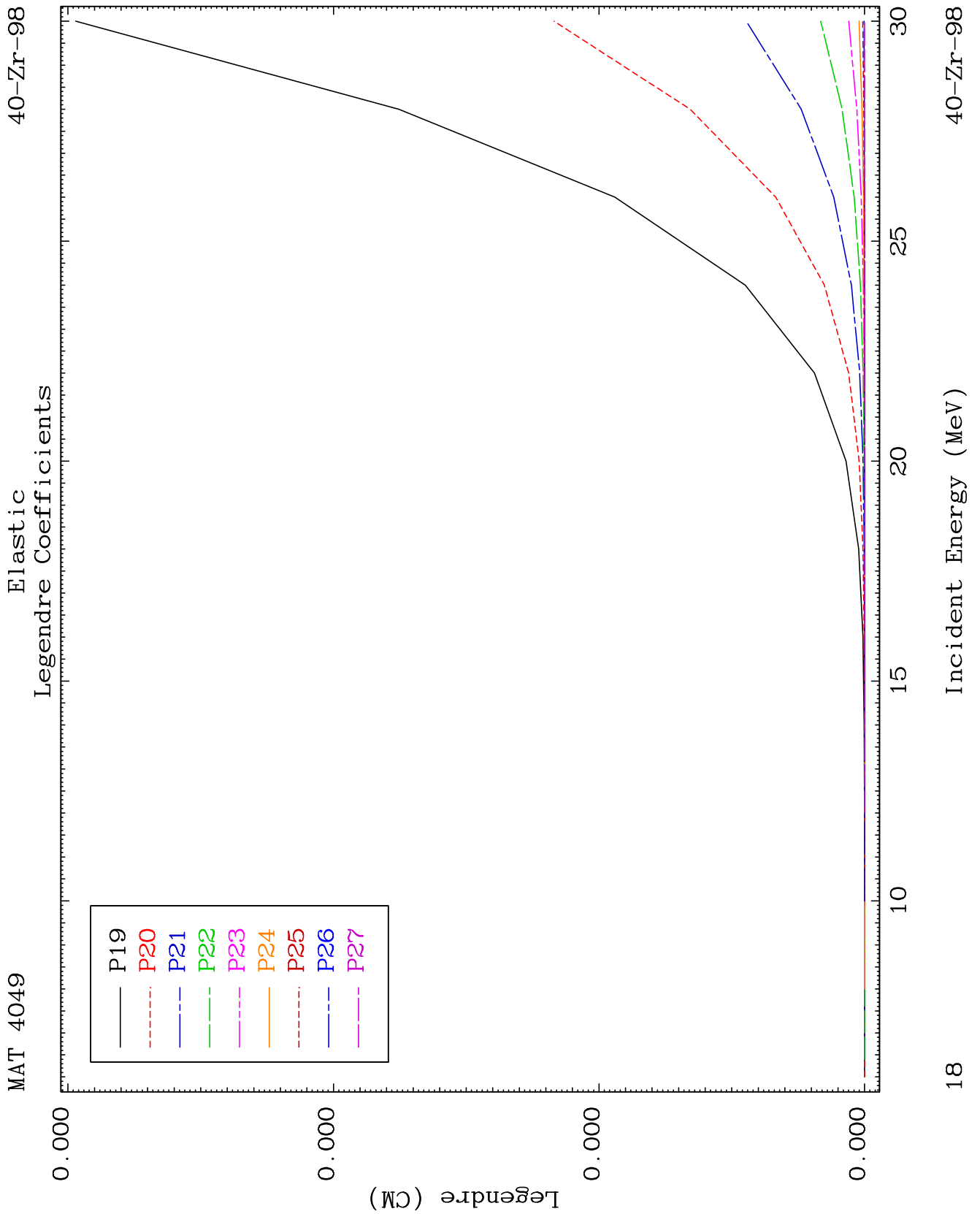


16

Incident Energy (MeV)

40-Zr-98

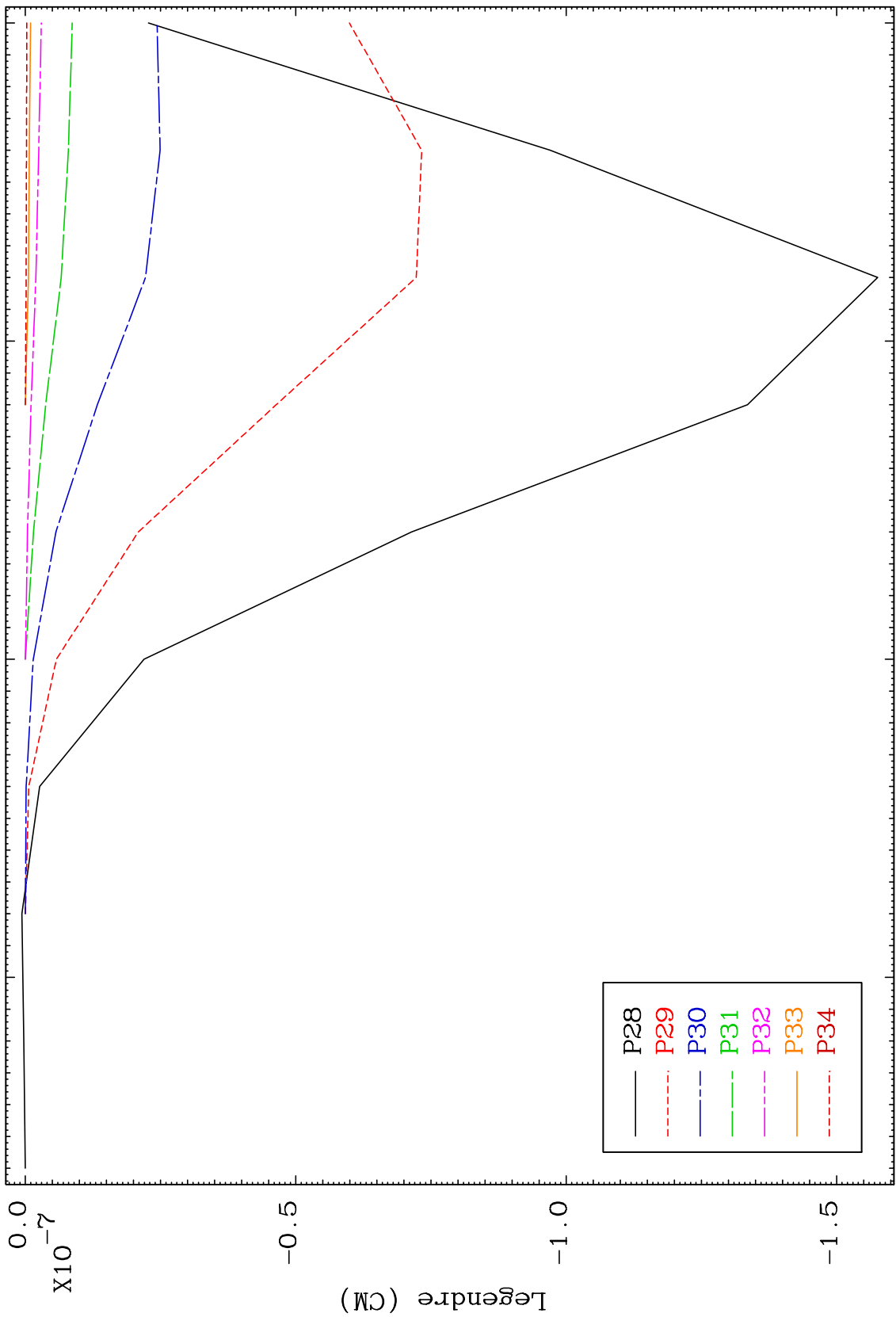




MAT 4049

40-Zr-98

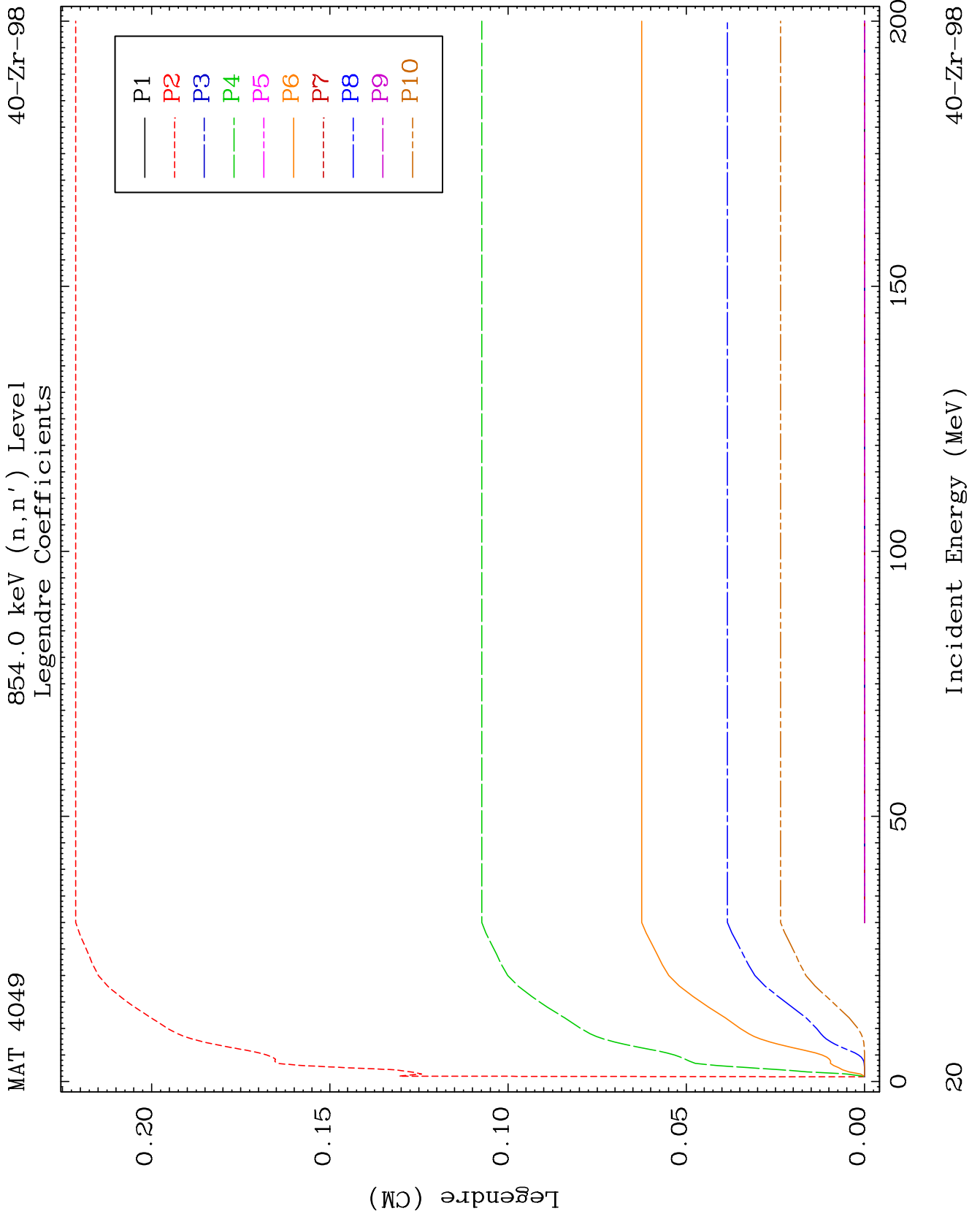
Elastic Legendre Coefficients

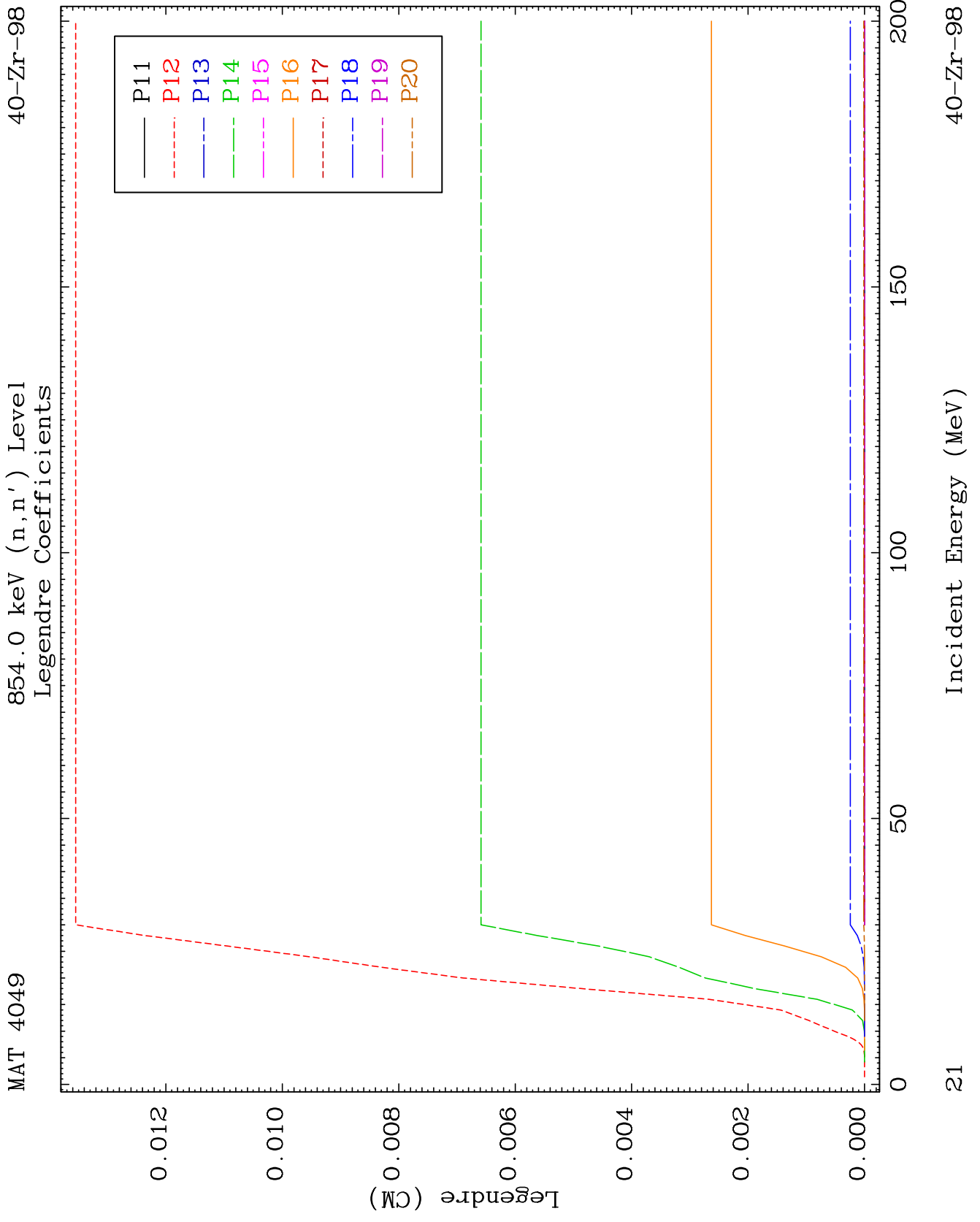


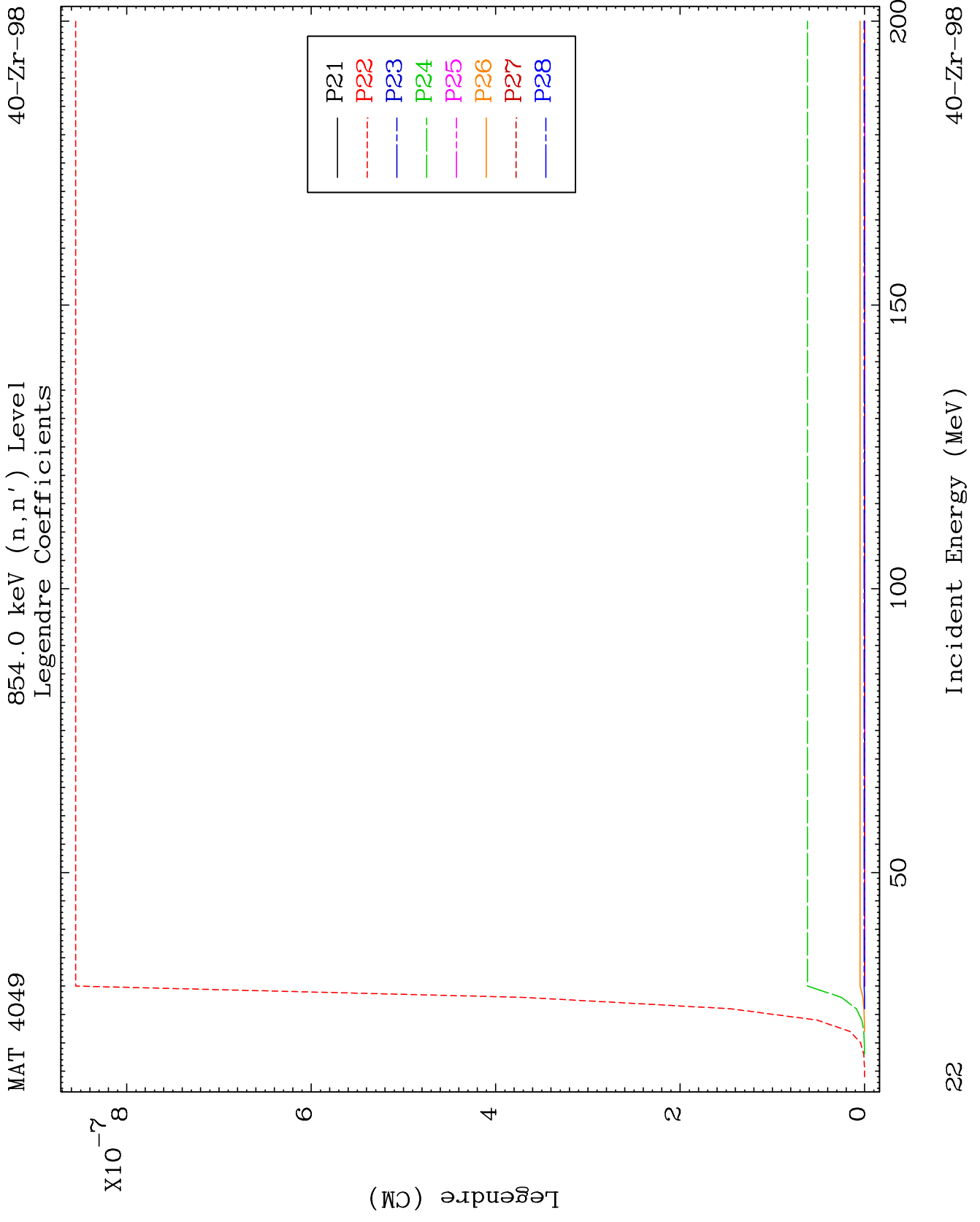
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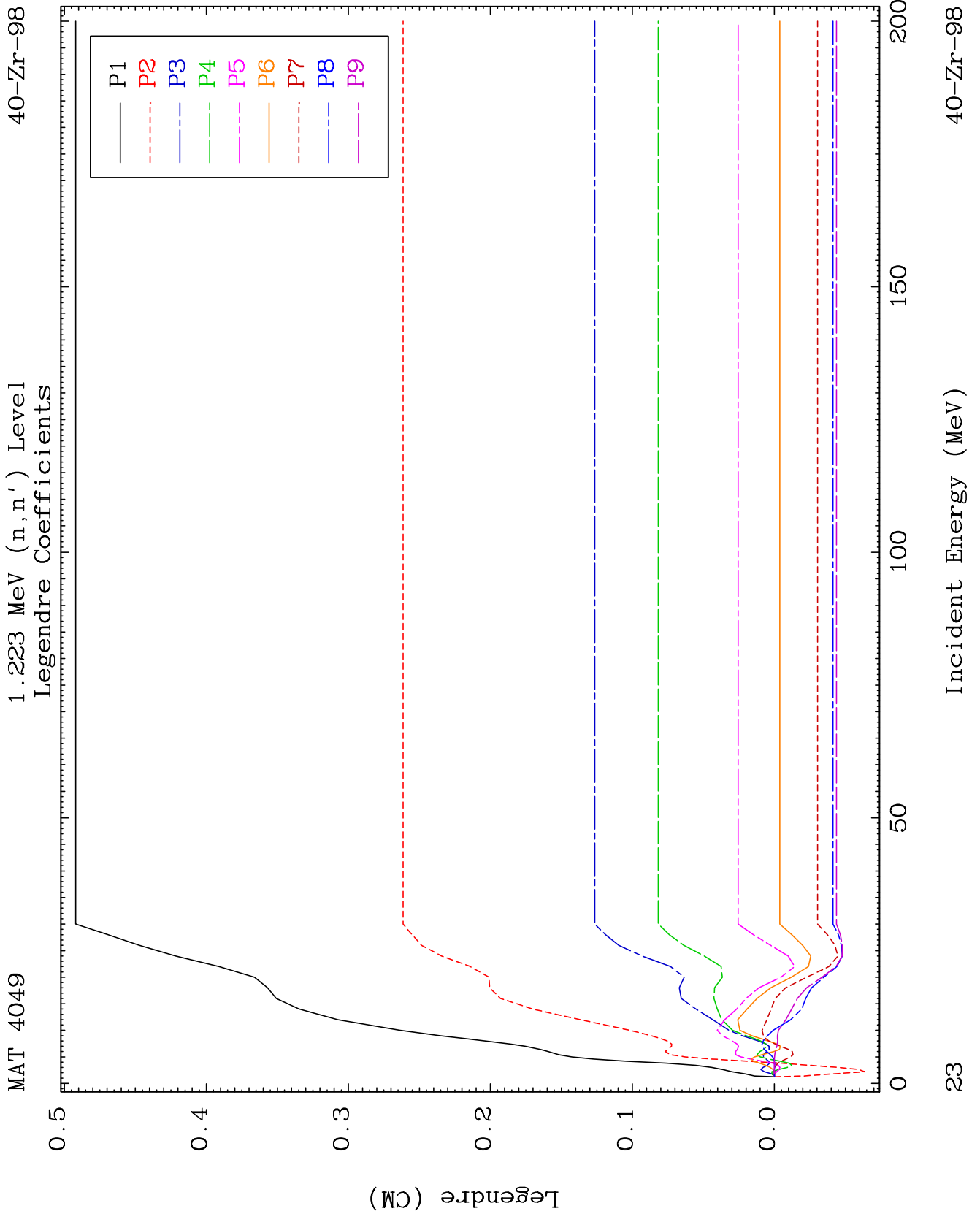
Incident Energy (MeV)

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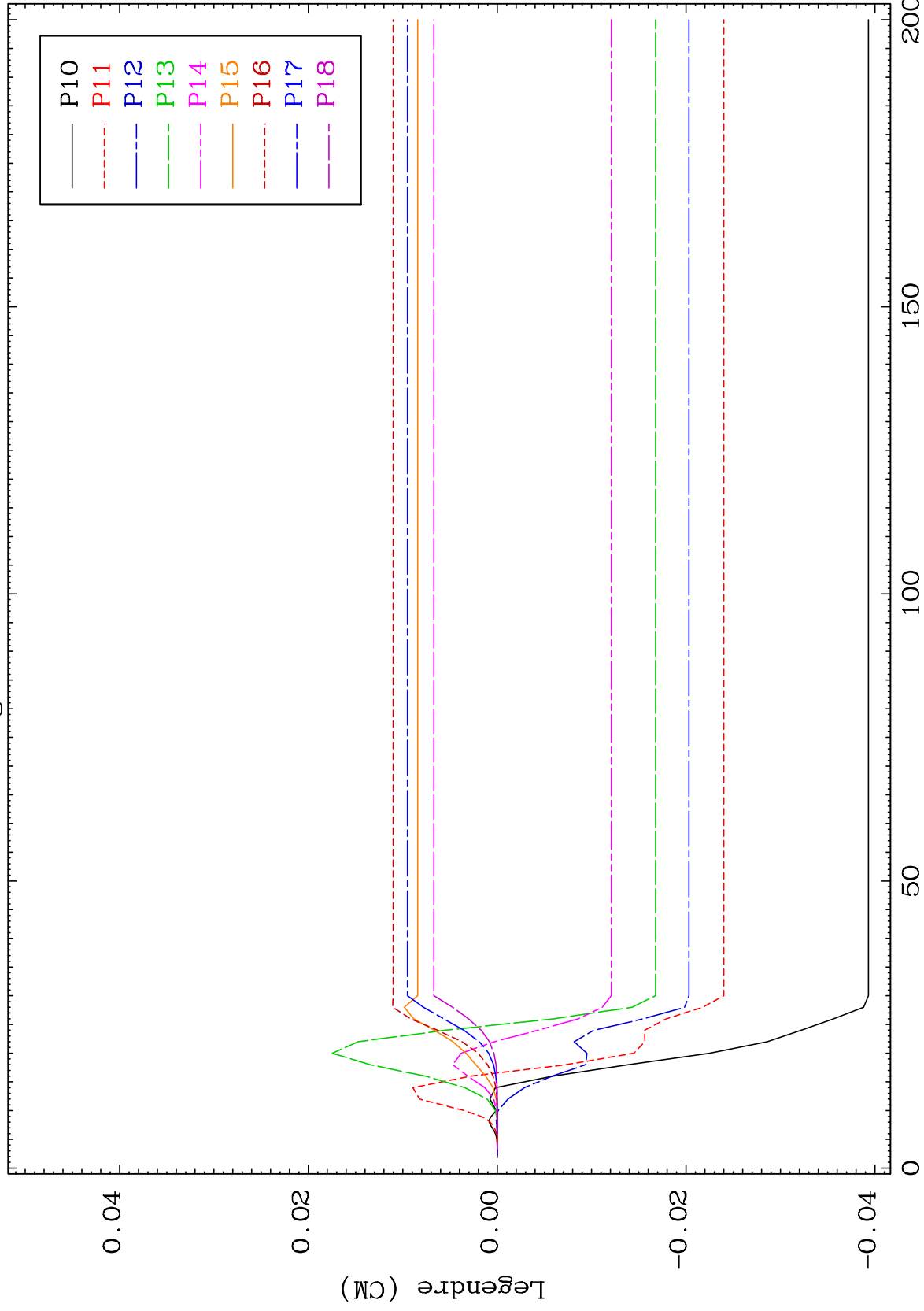




MAT 4049

1.223 MeV (n,n') Level  
Legendre Coefficients

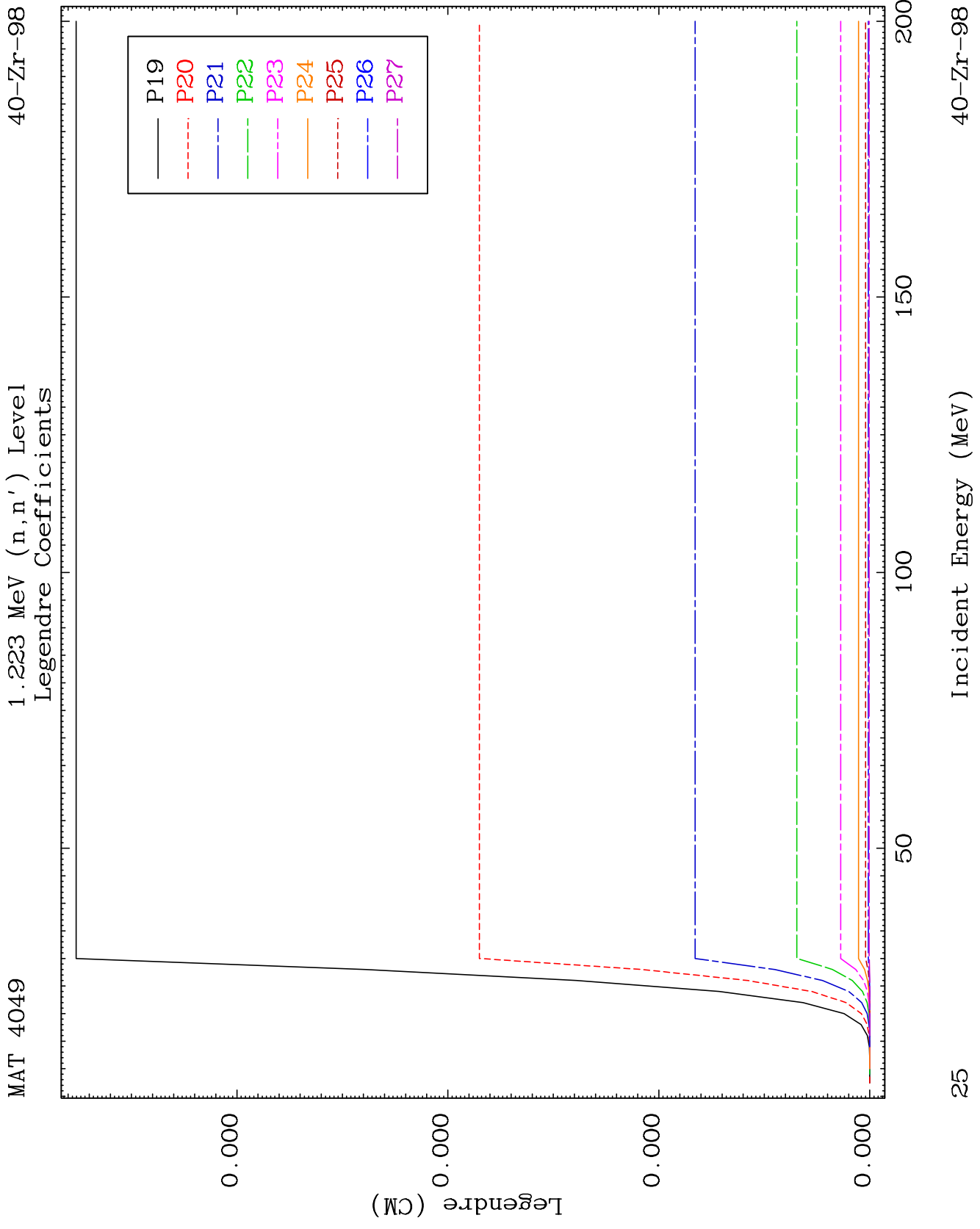
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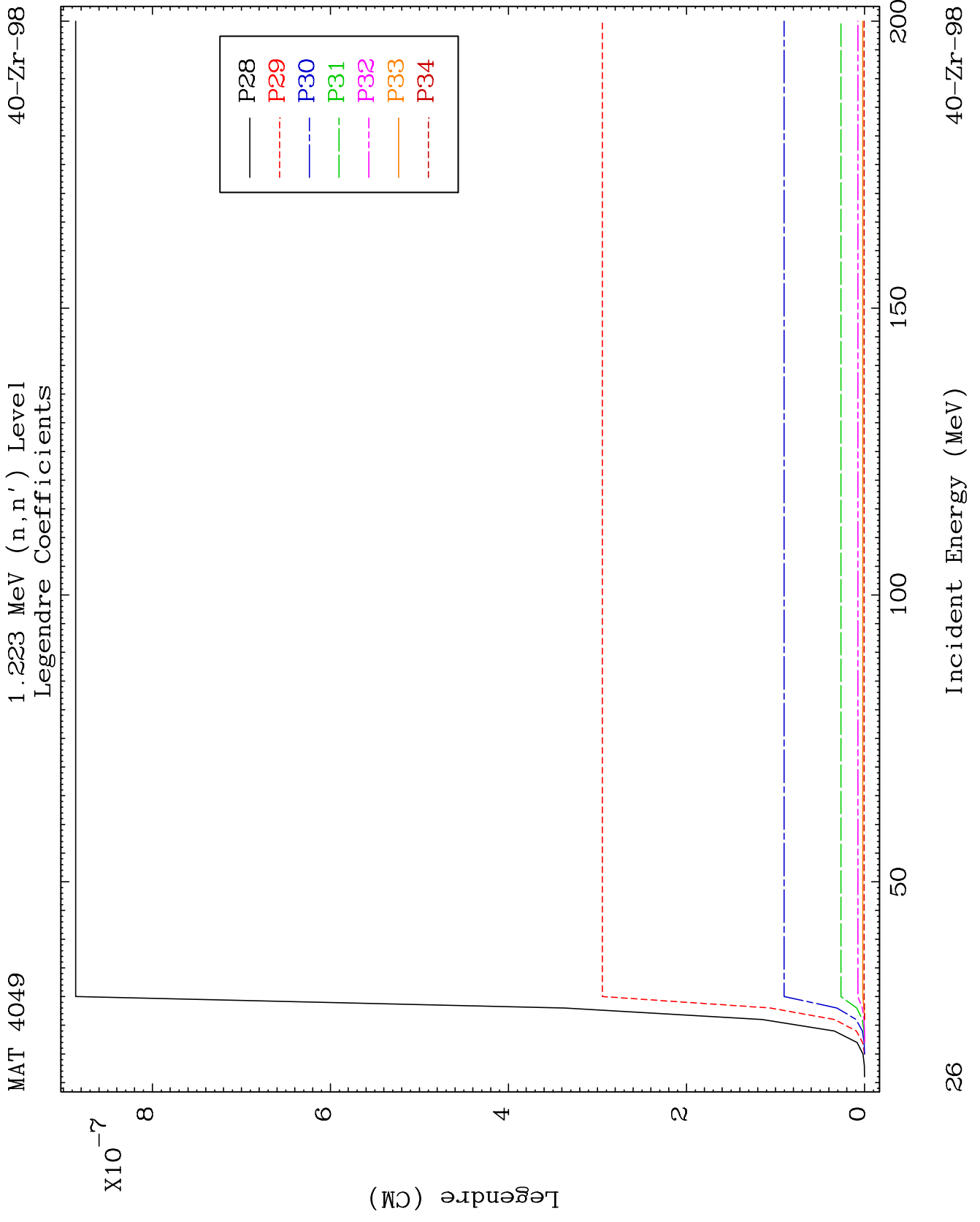


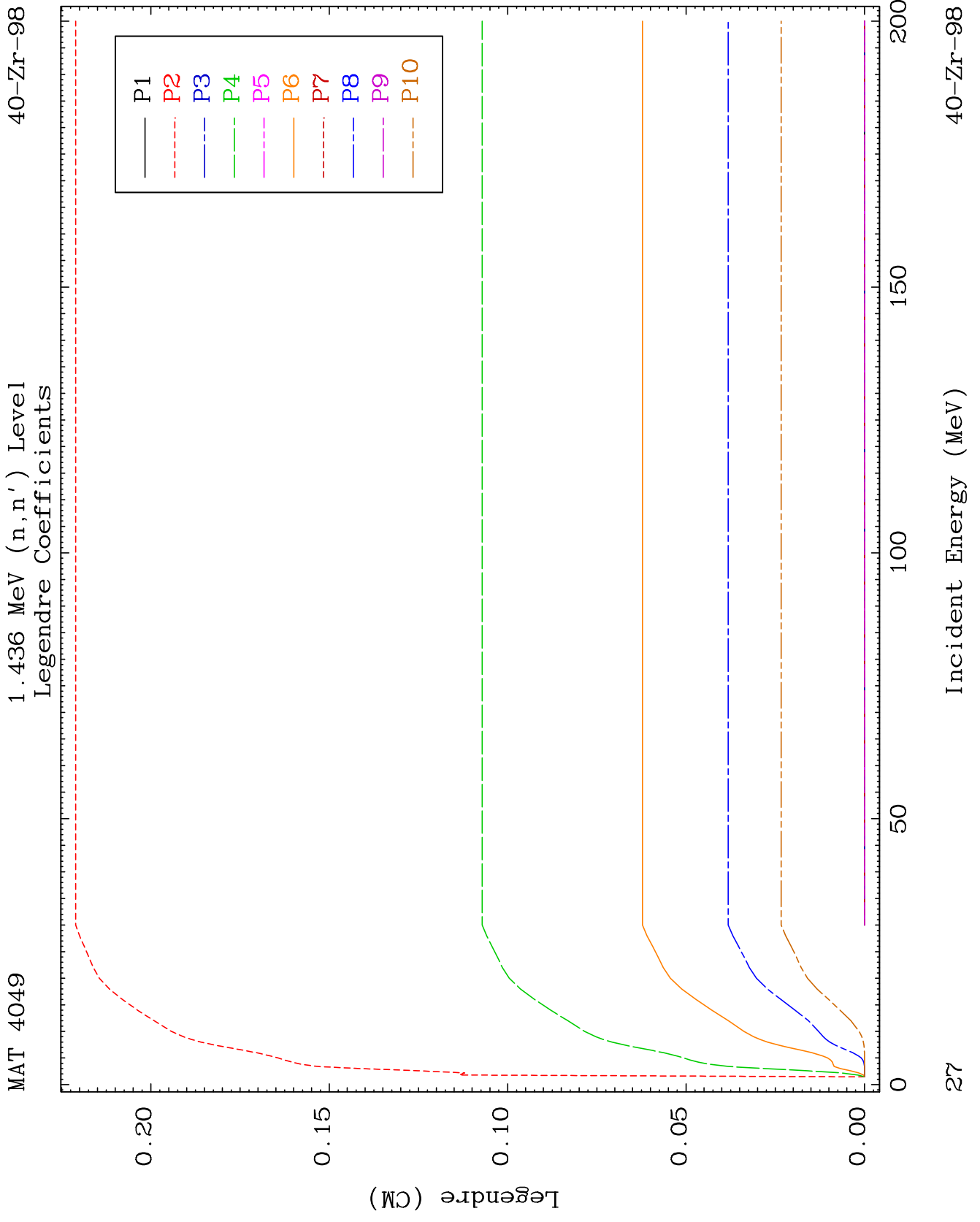
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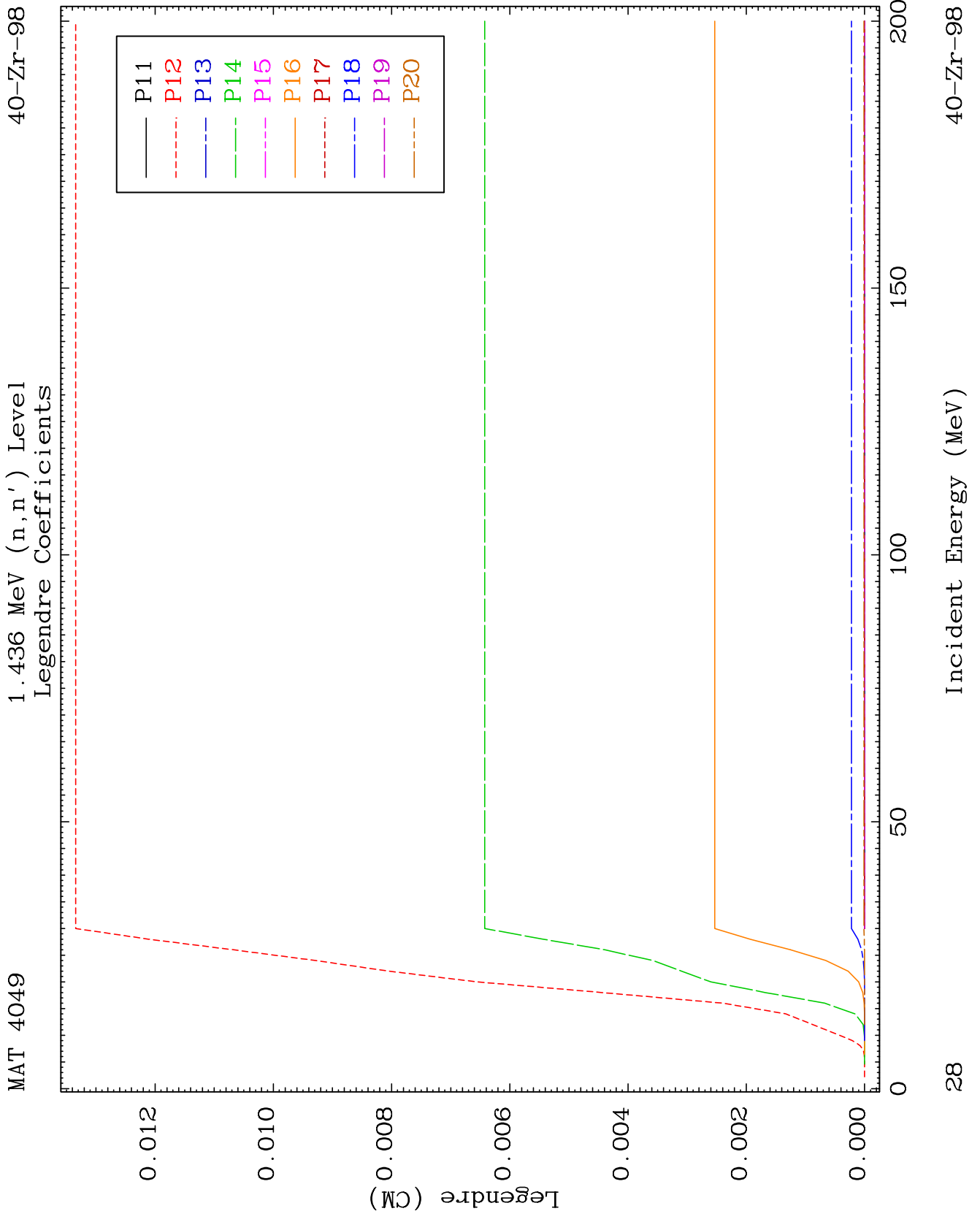
Incident Energy (MeV)

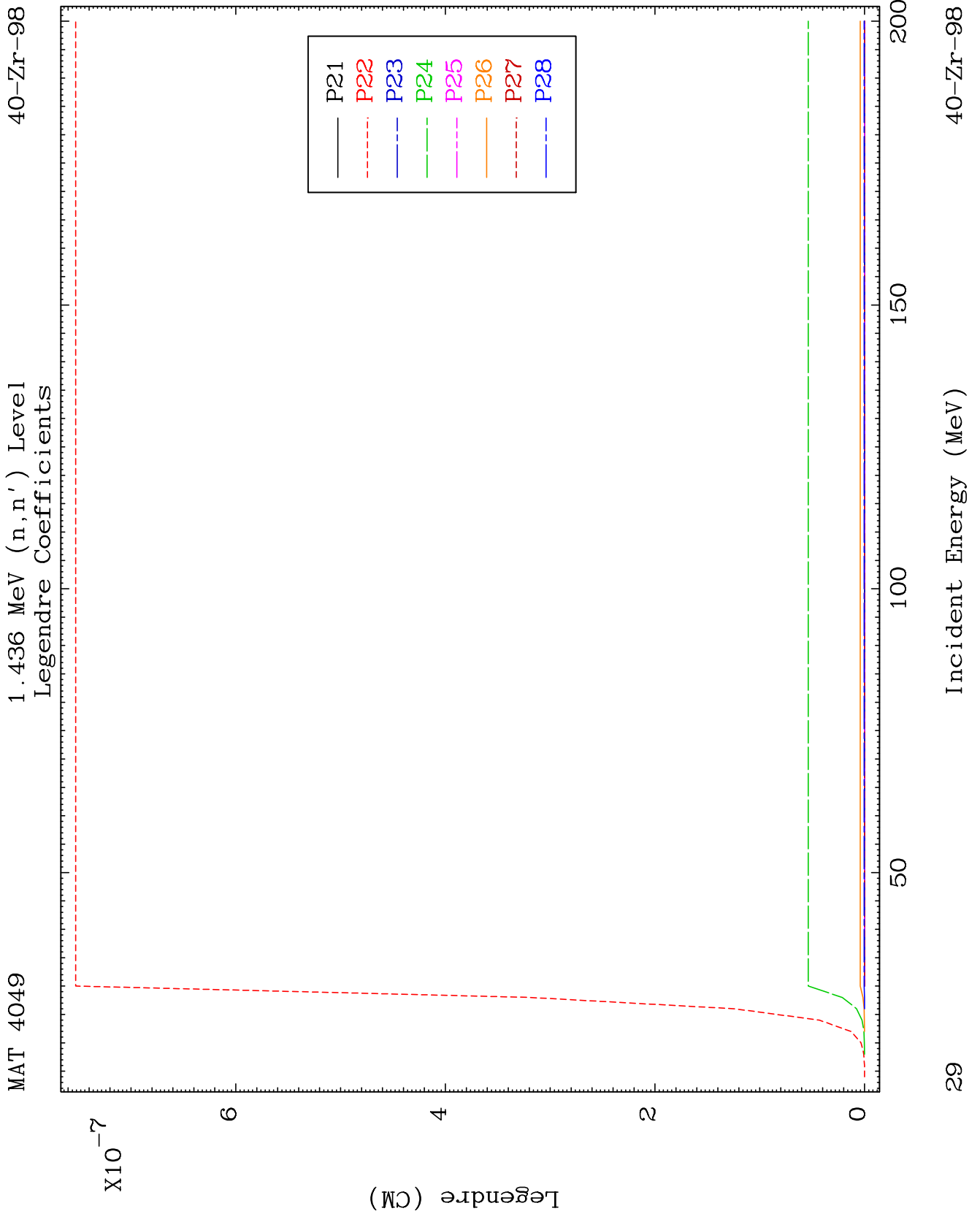
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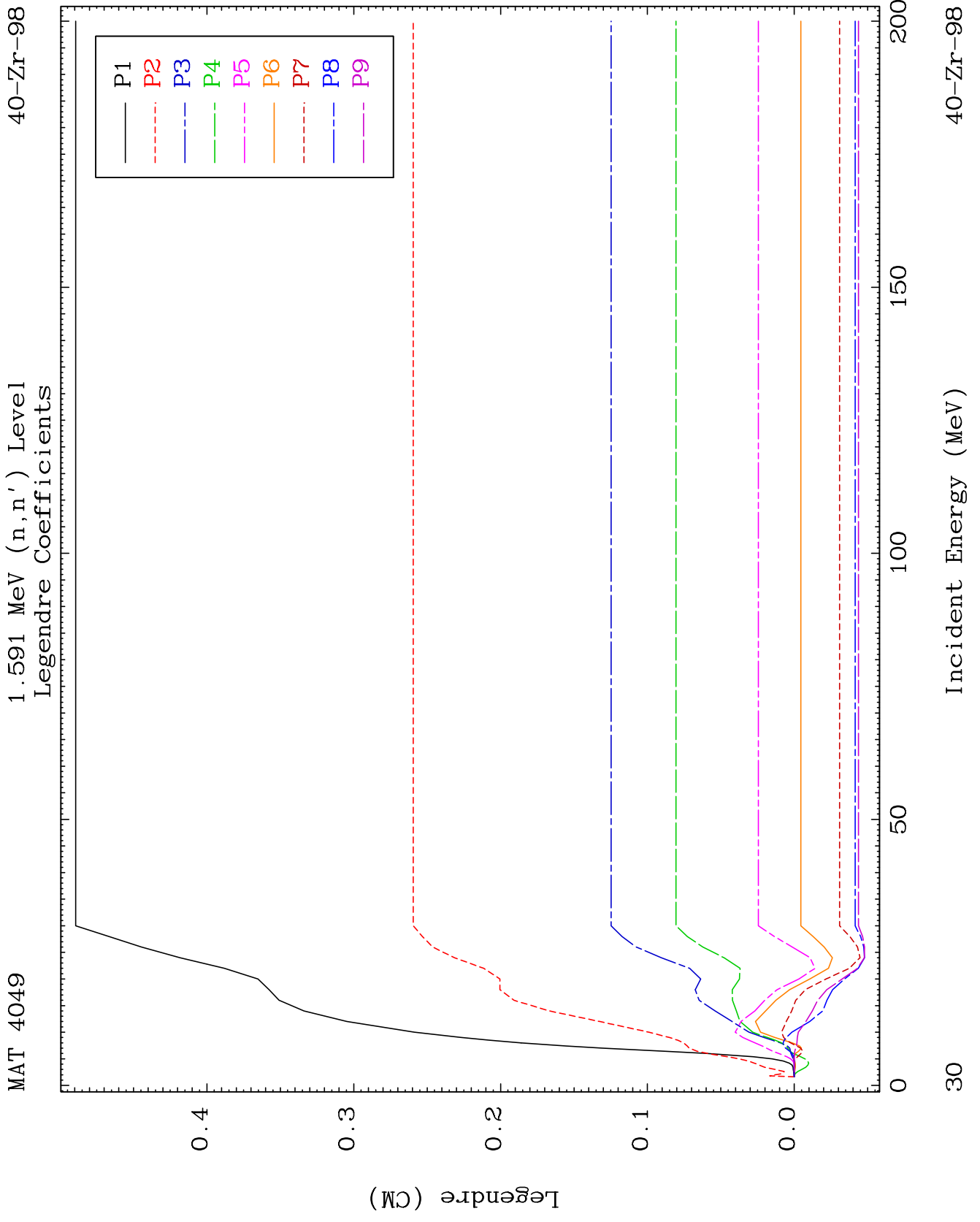


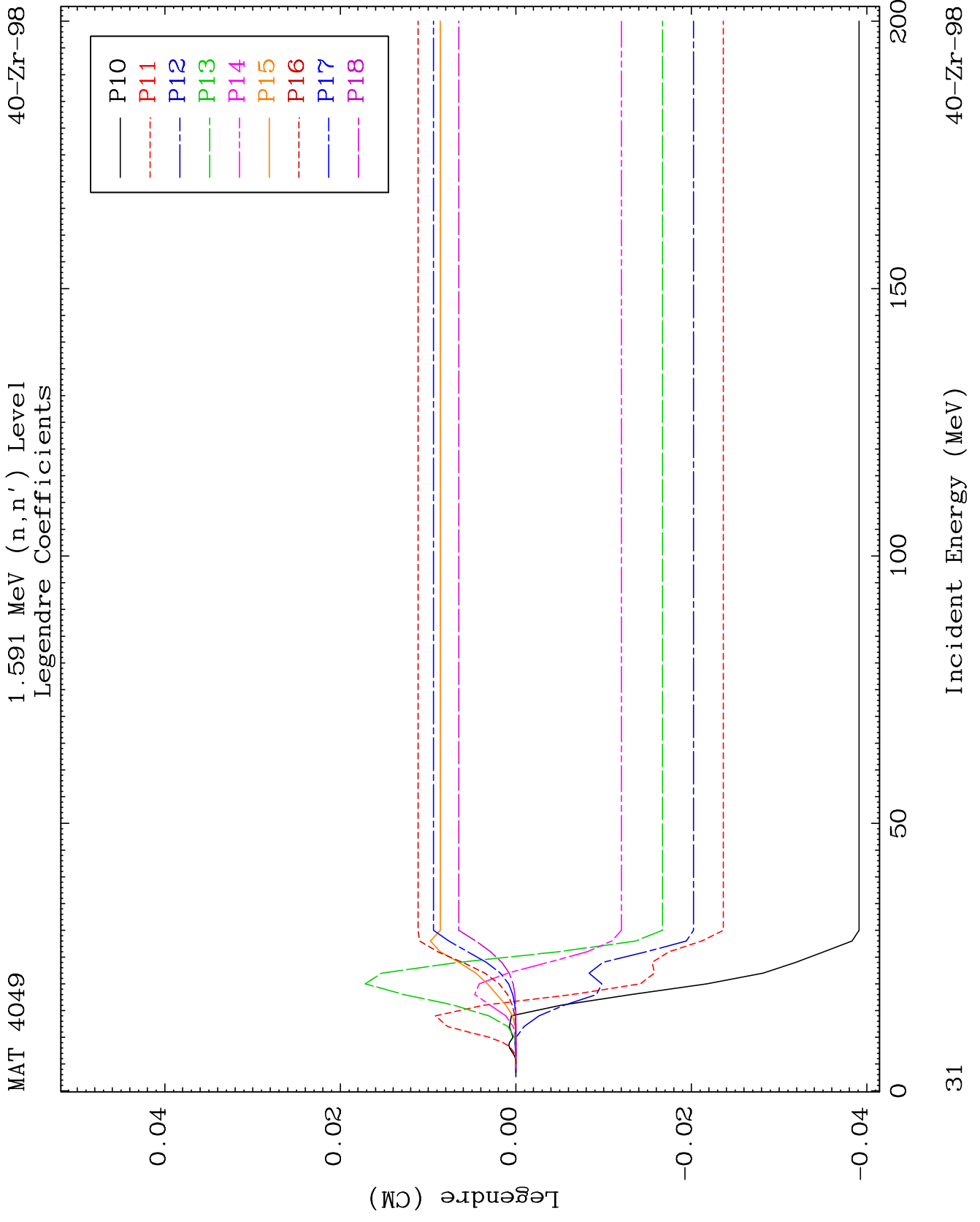




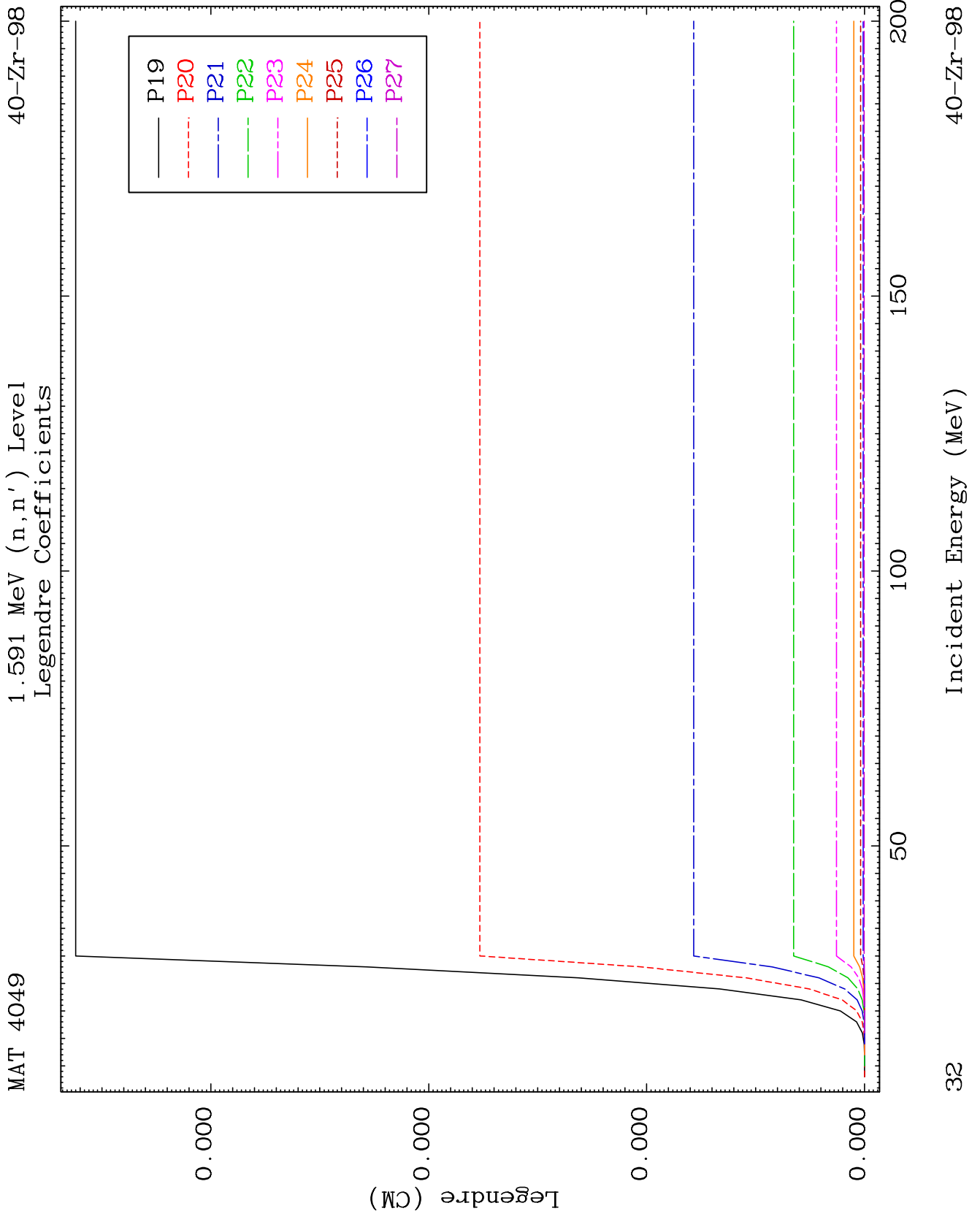




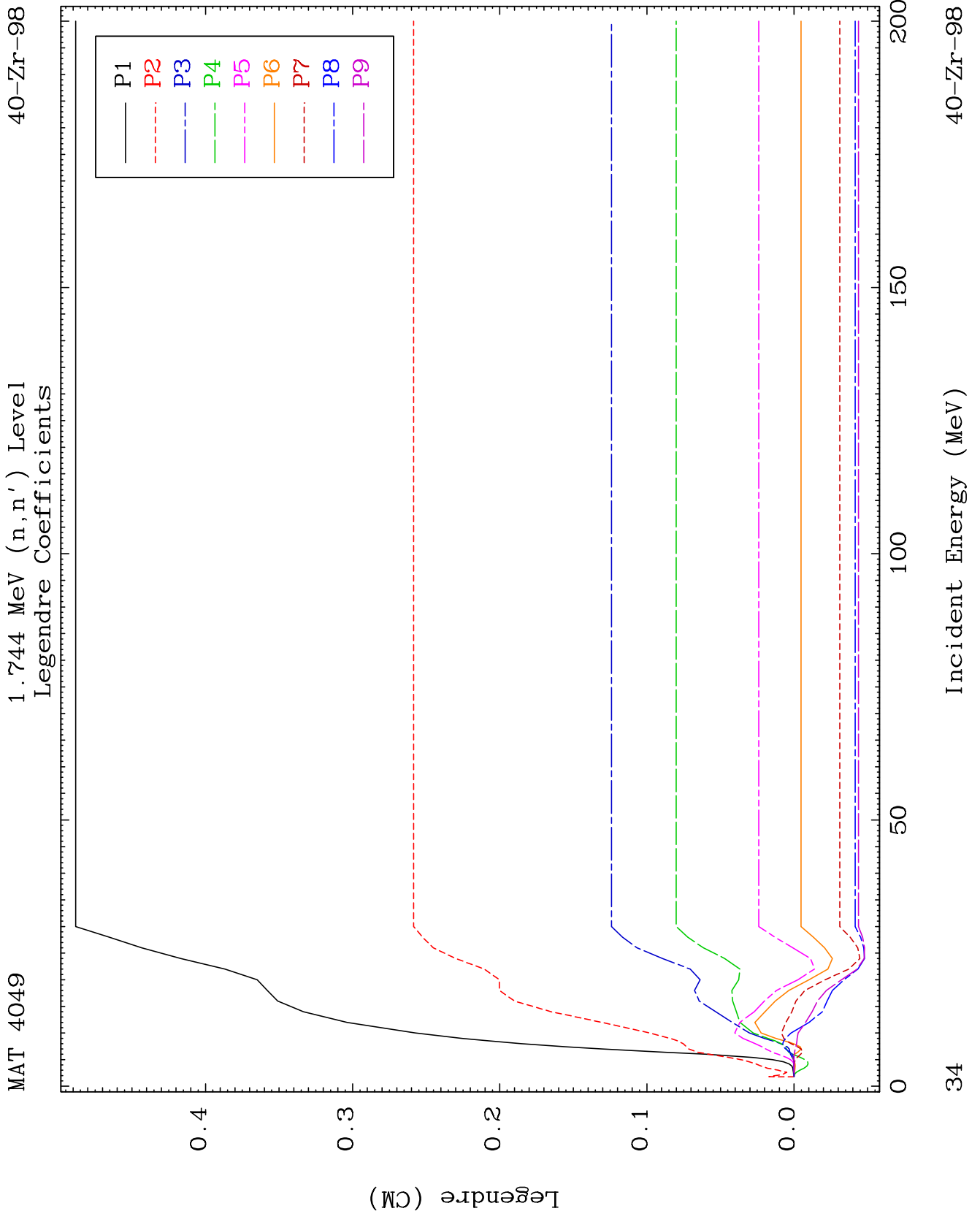




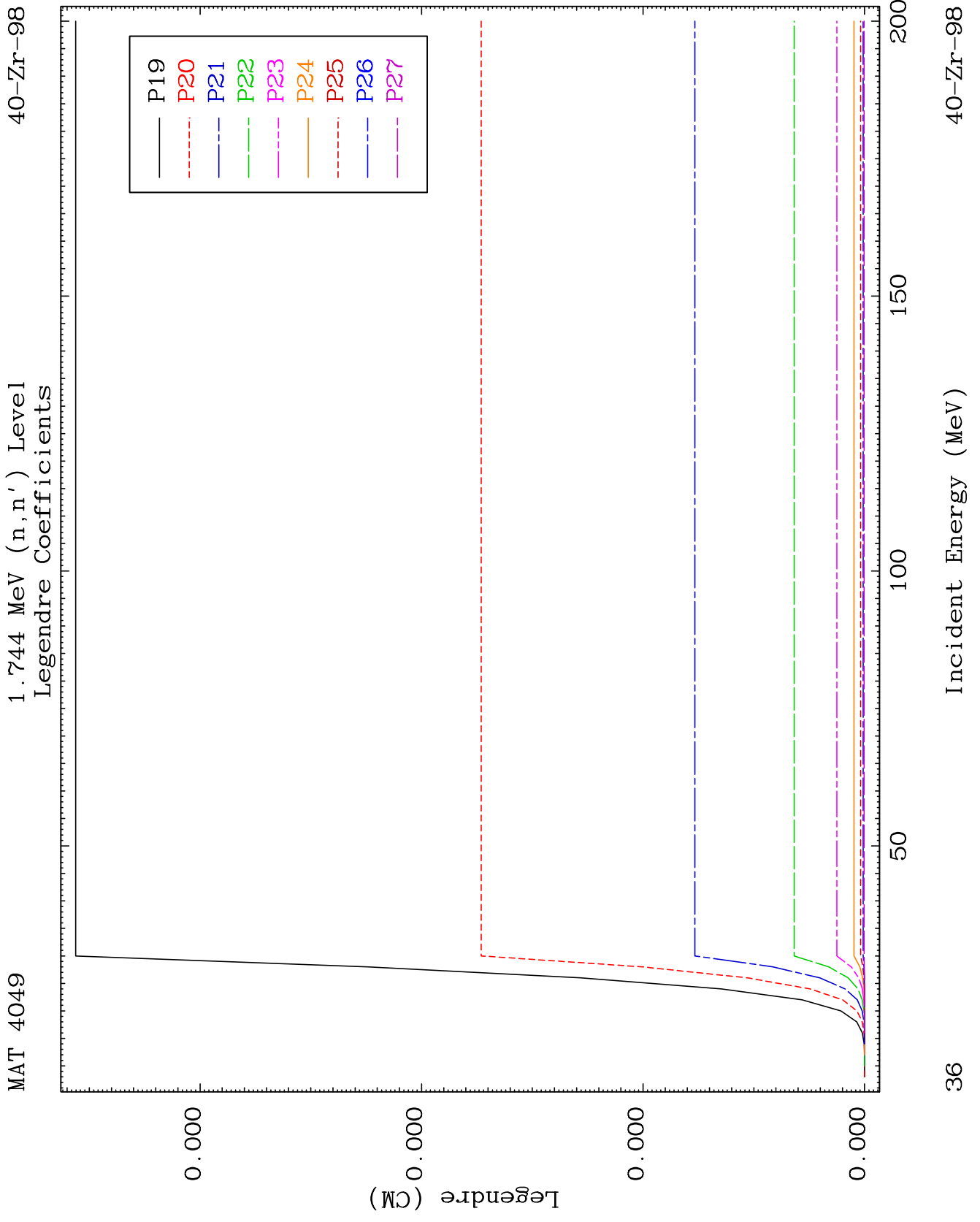


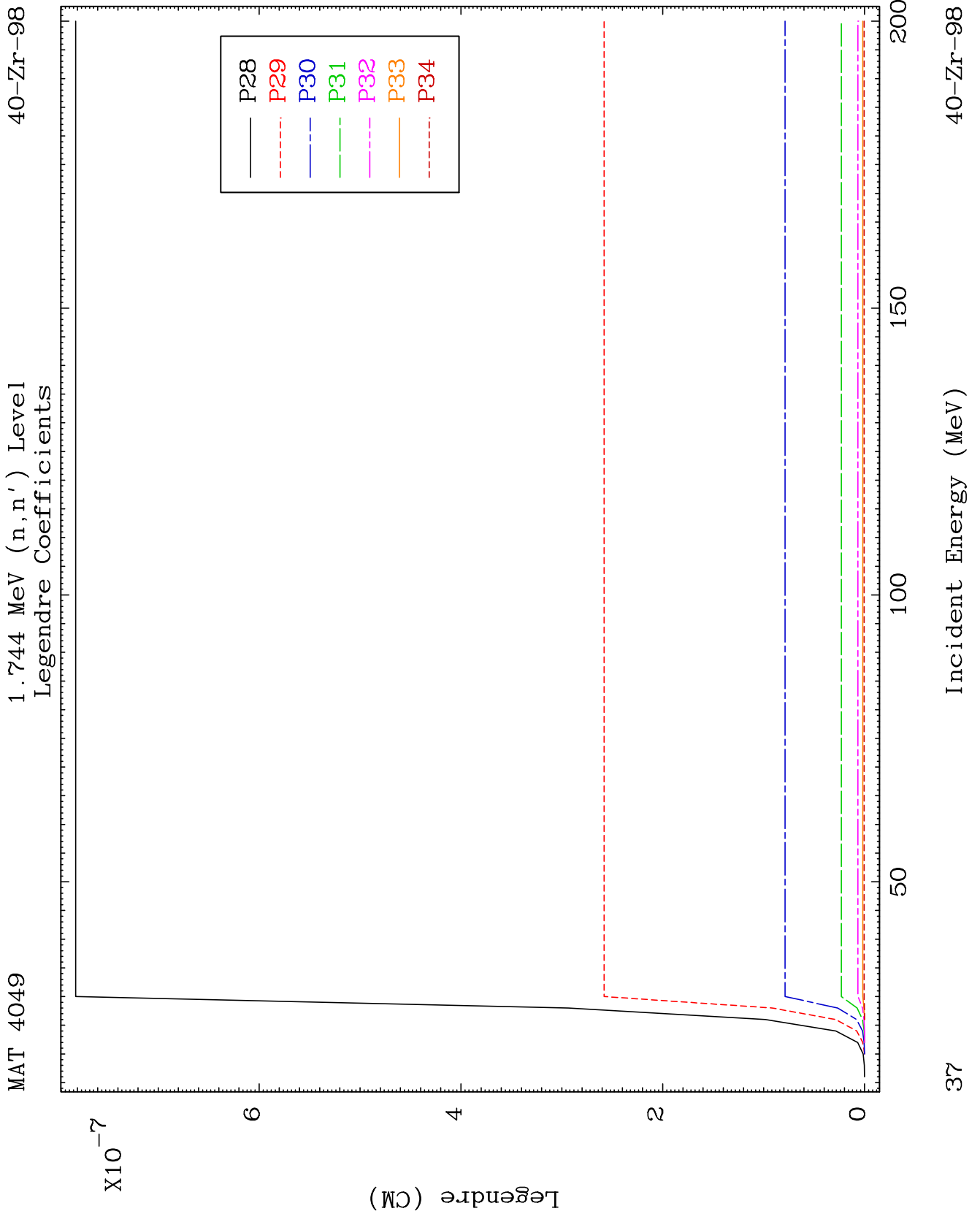




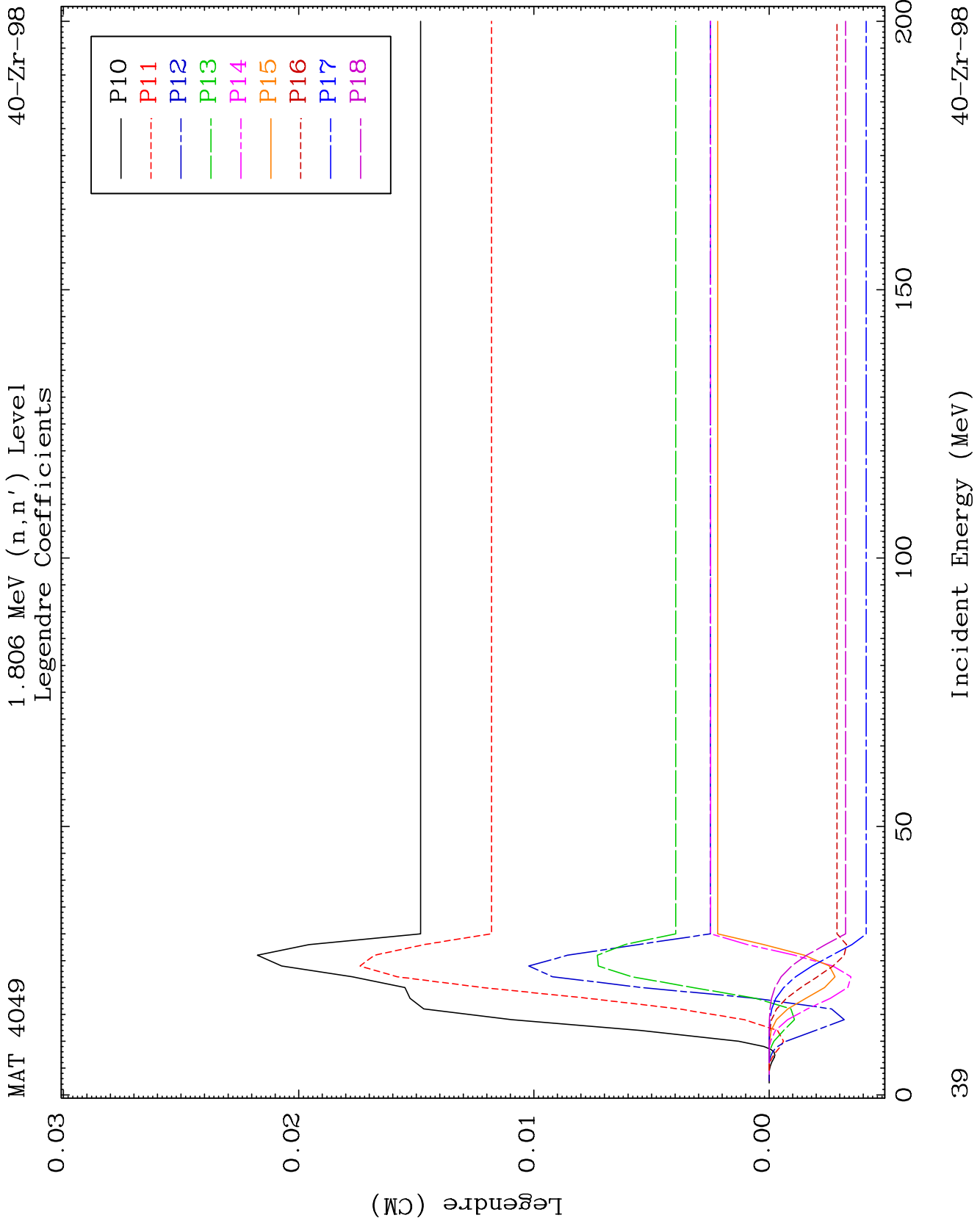






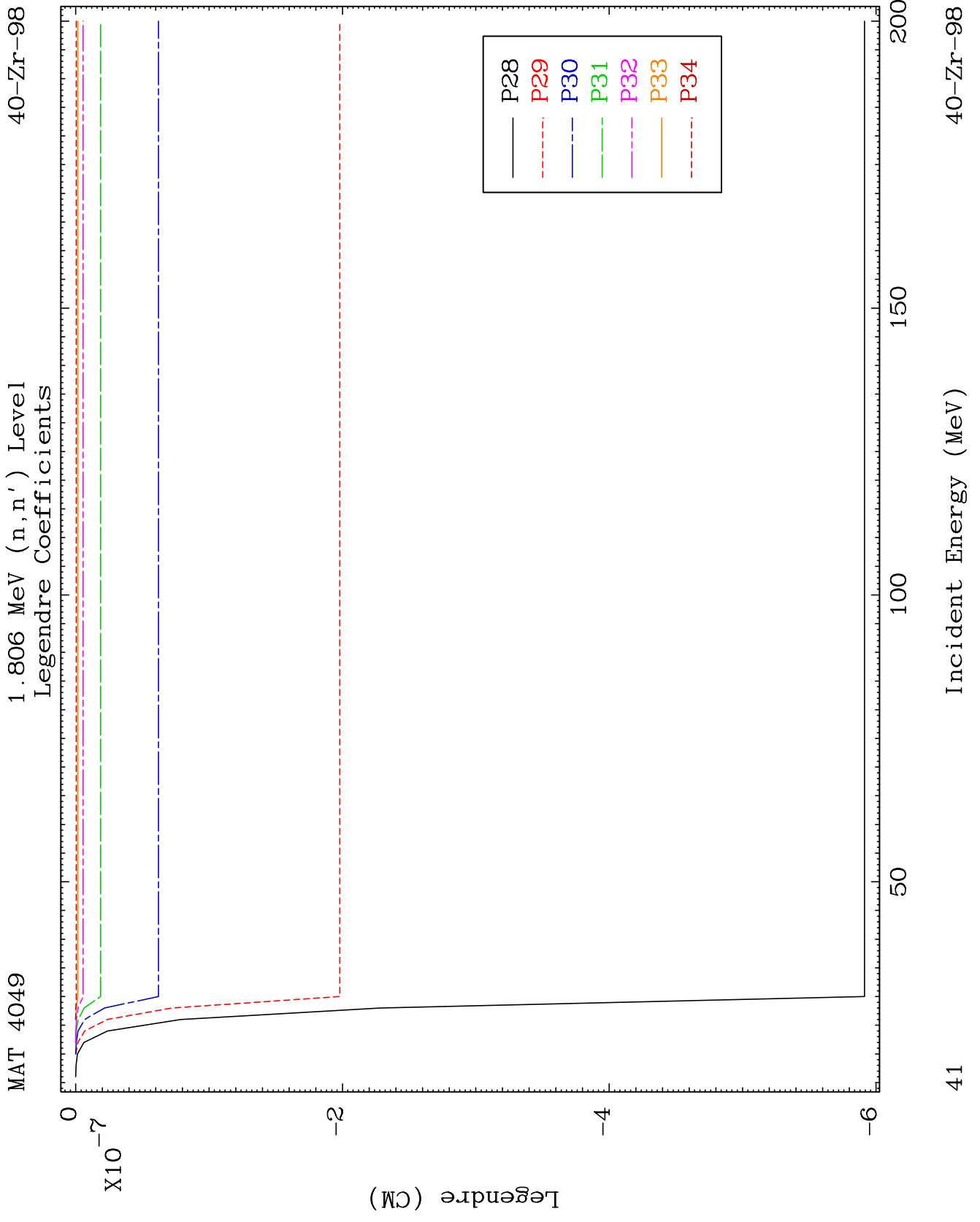


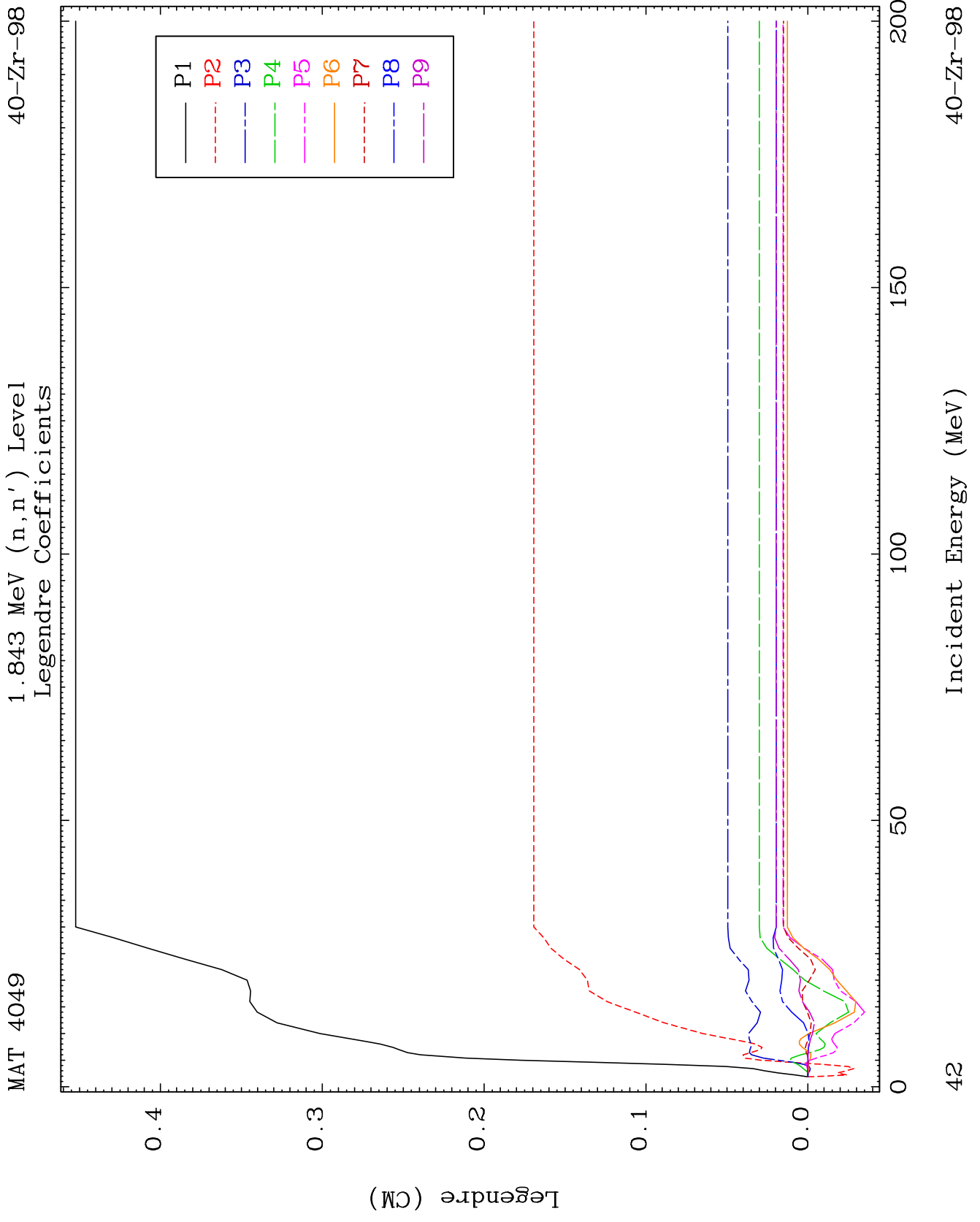








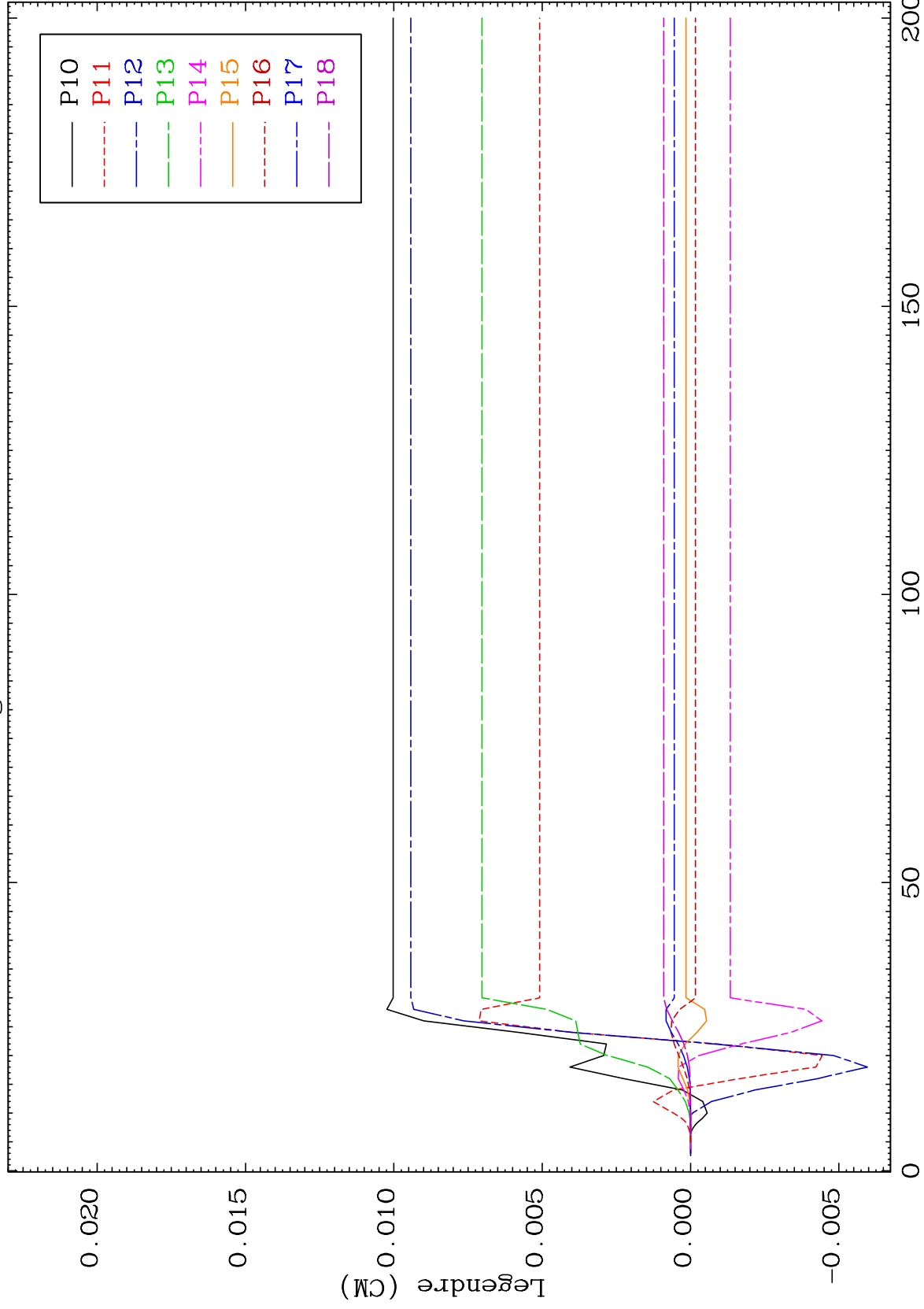




MAT 4049

1.843 MeV (n,n') Level  
Legendre Coefficients

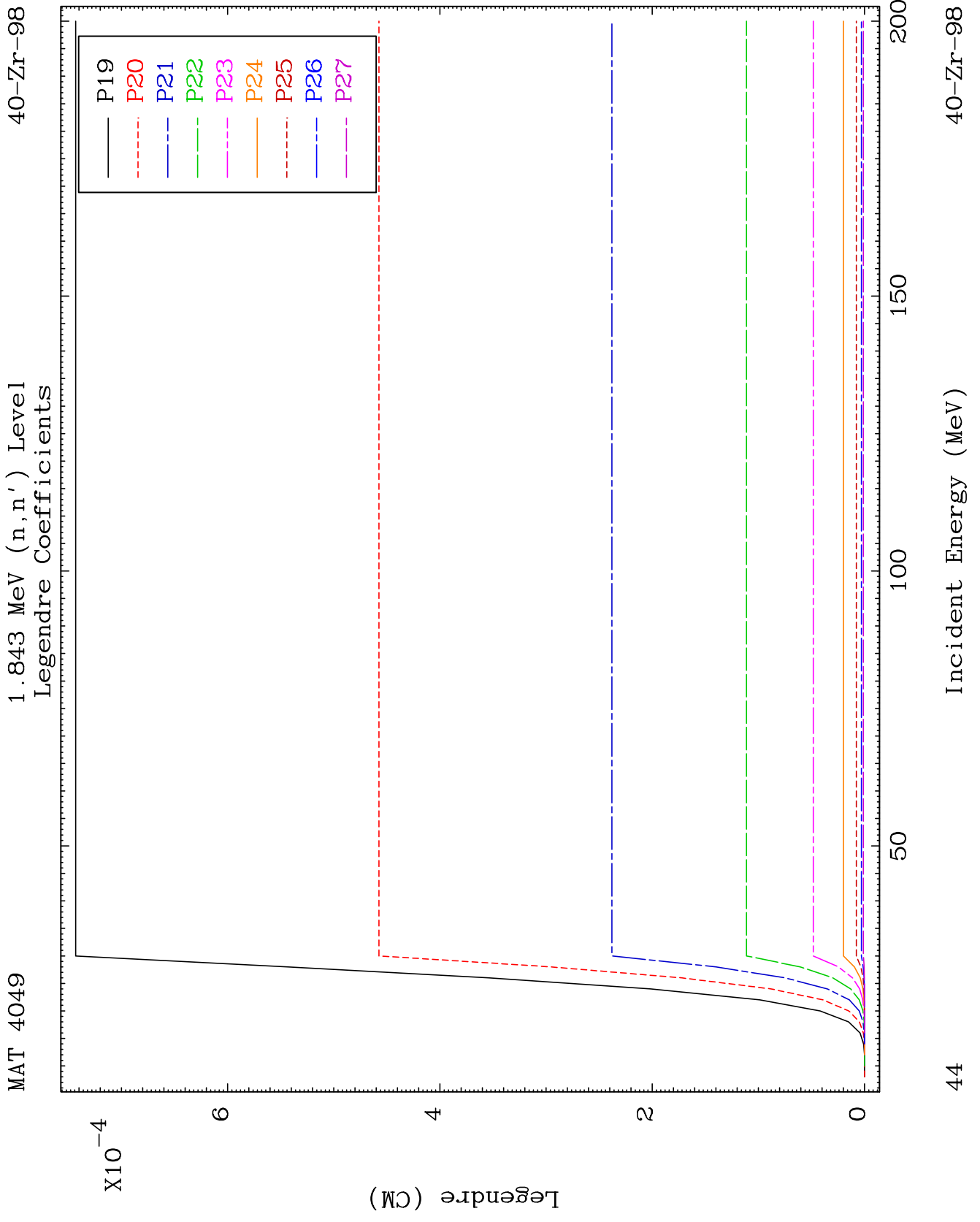
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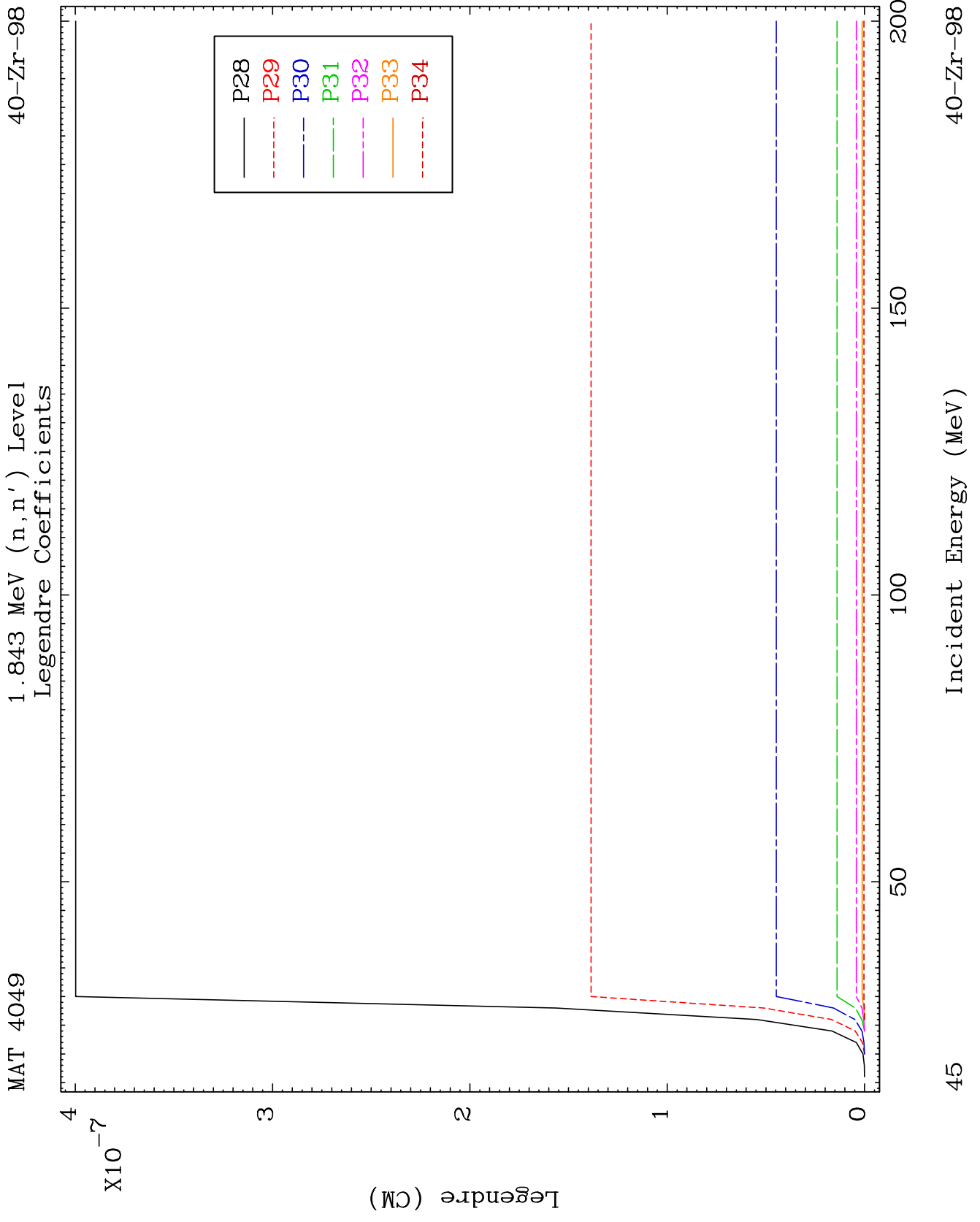


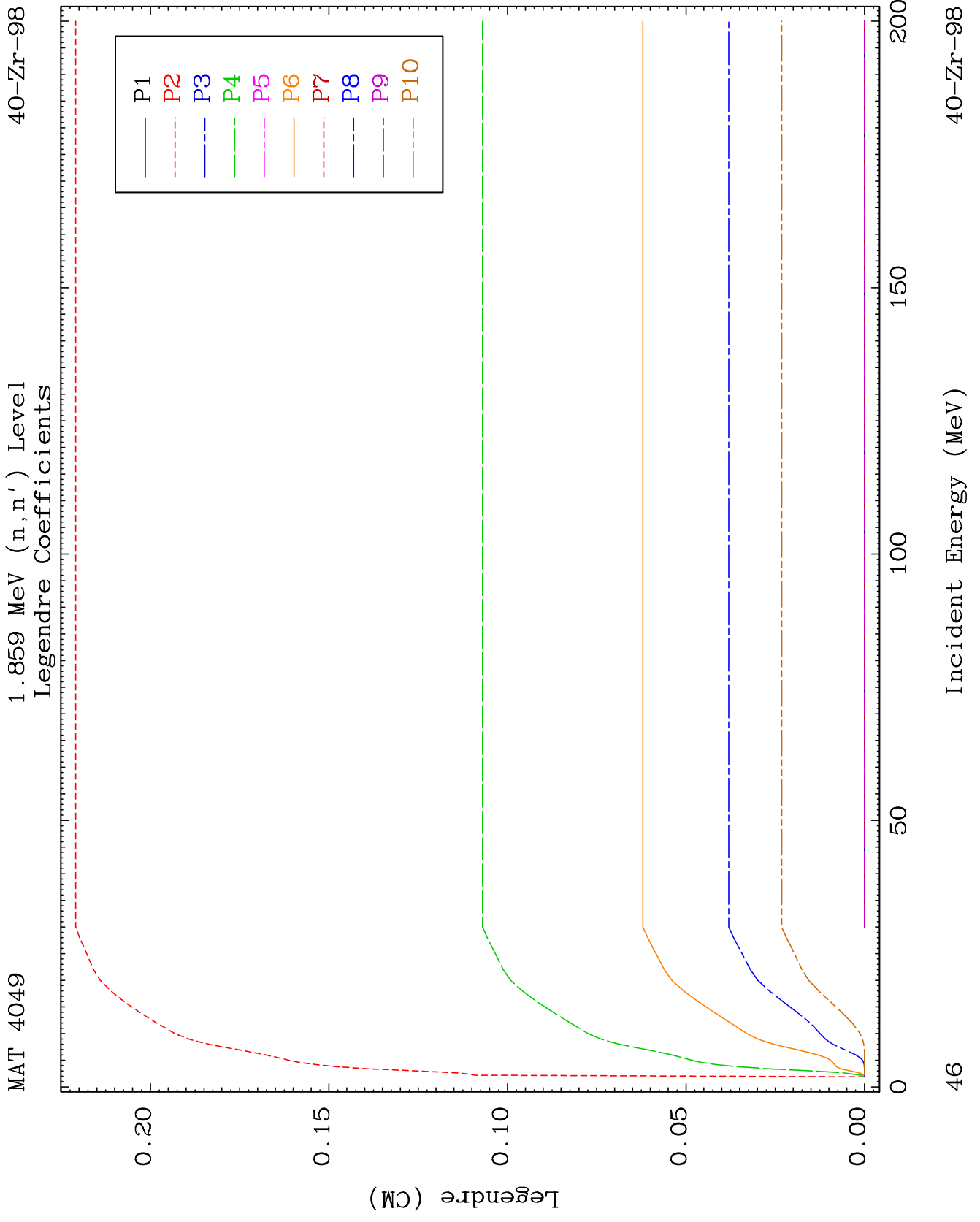
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Incident Energy (MeV)

40-Zr-98

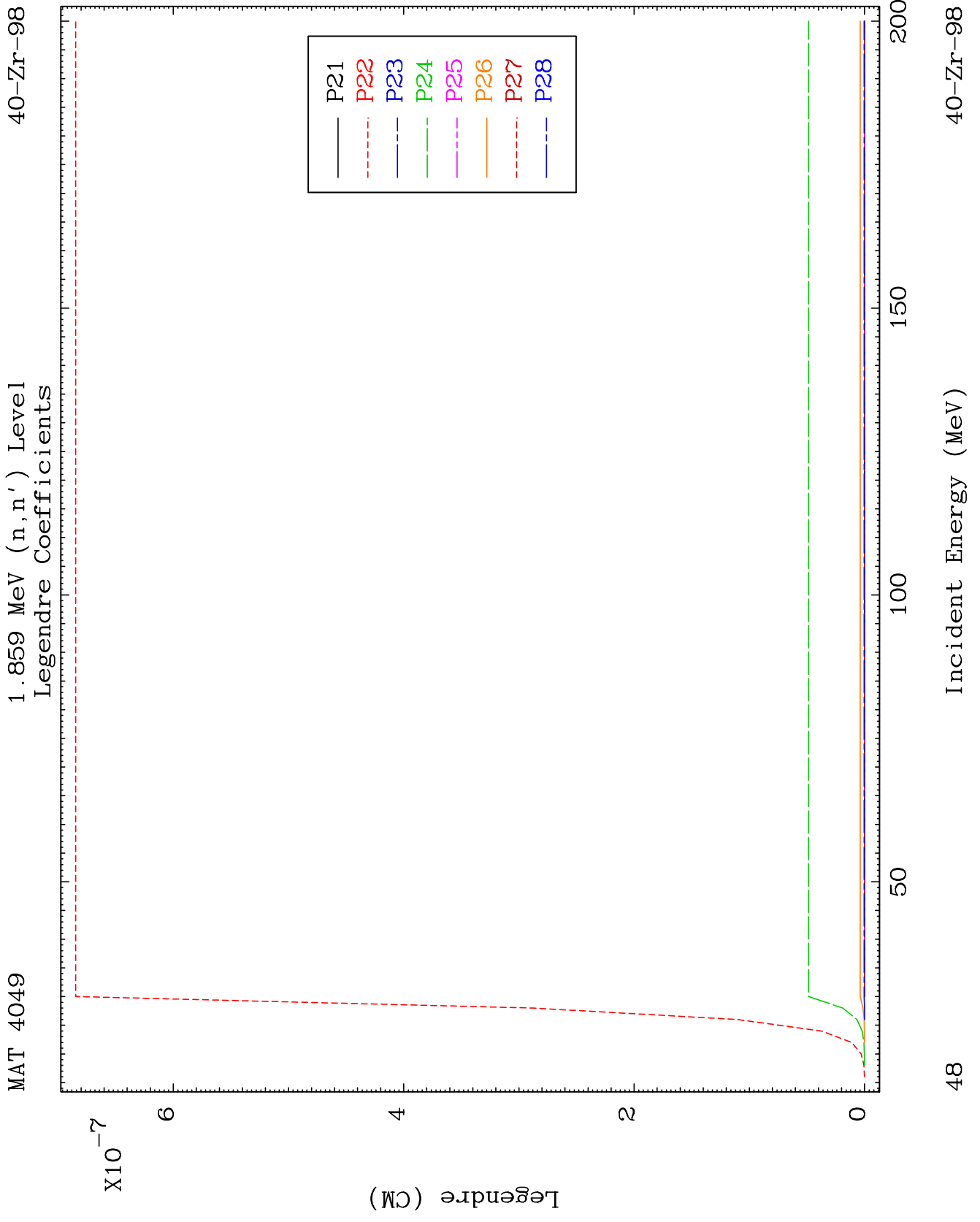


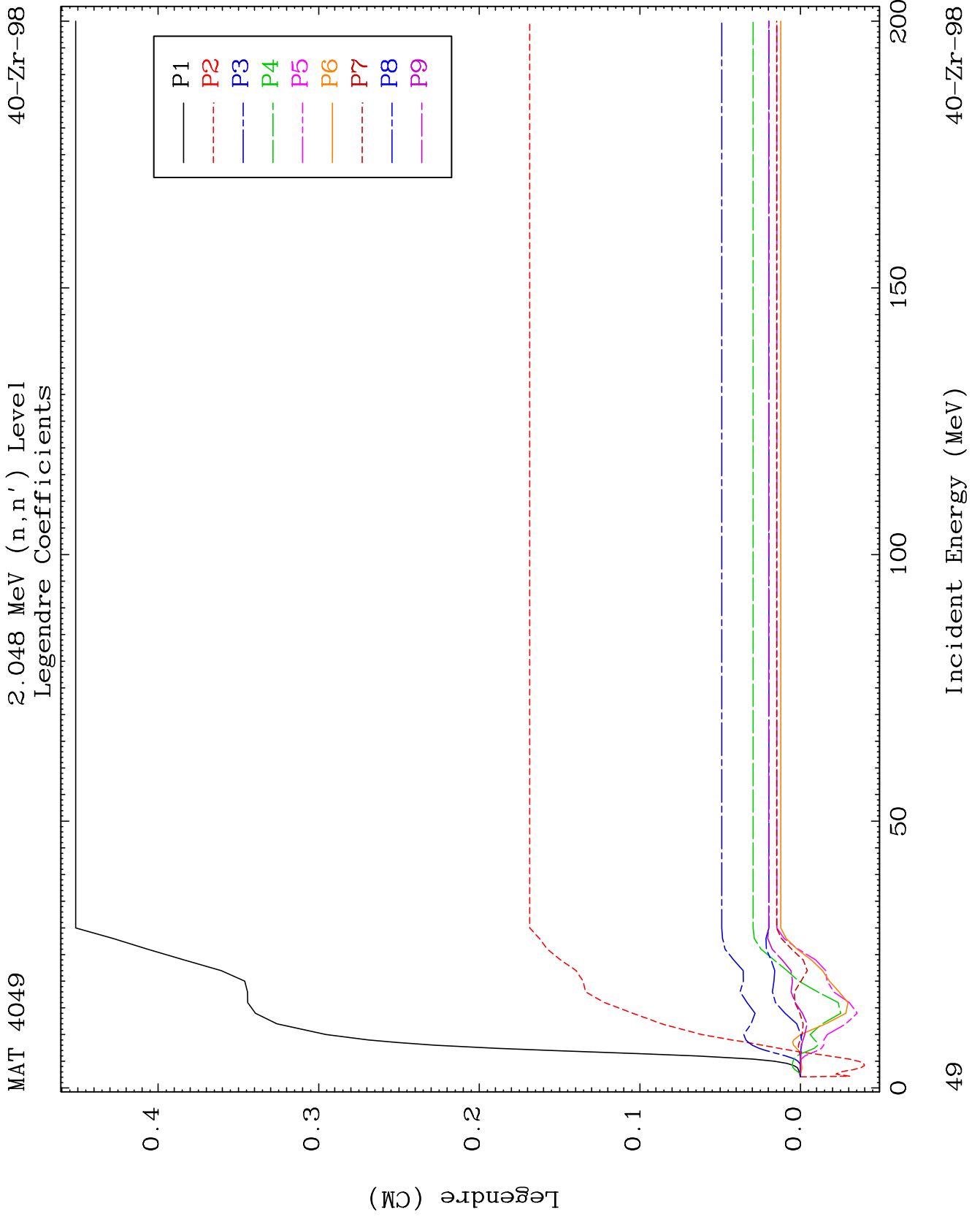




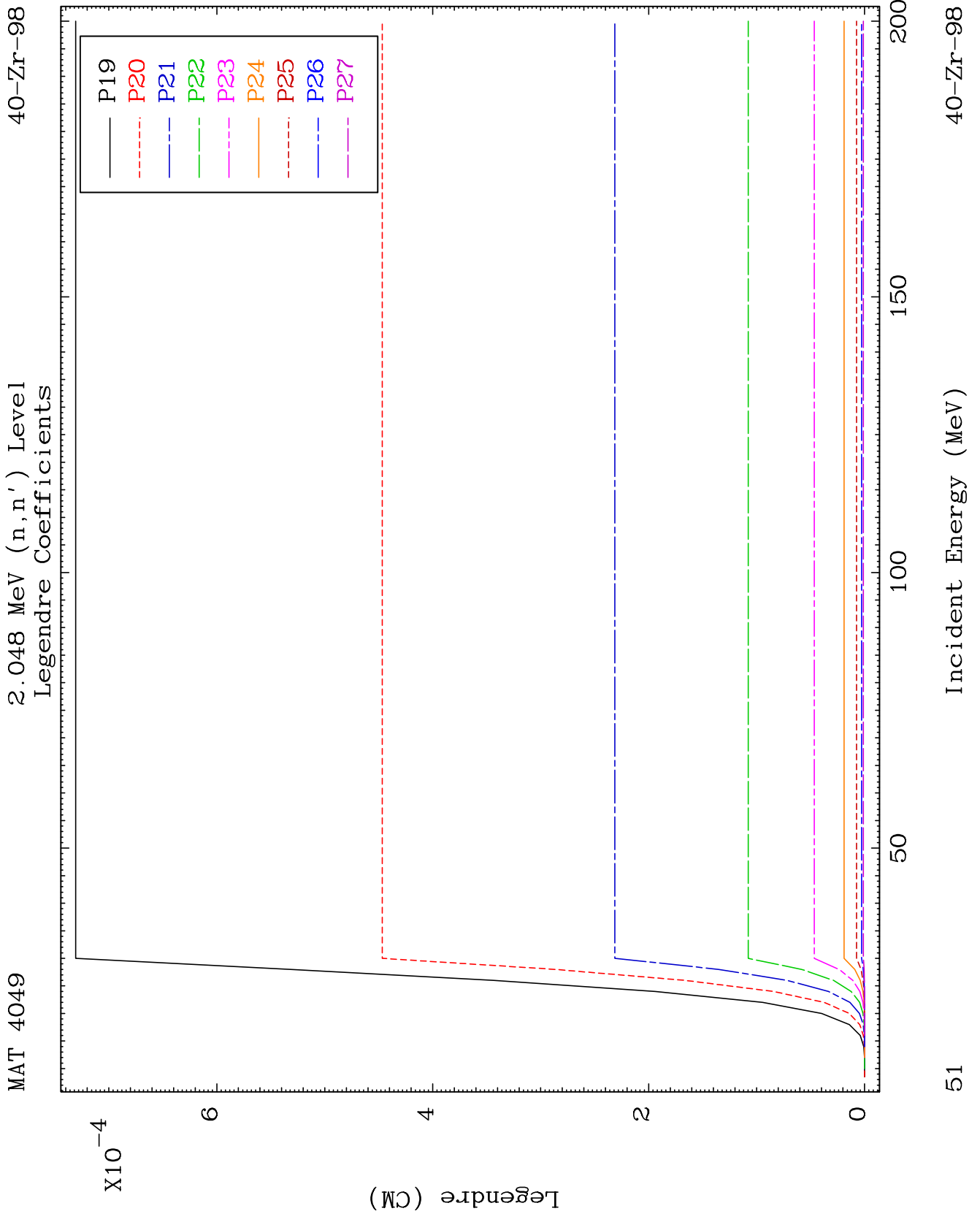


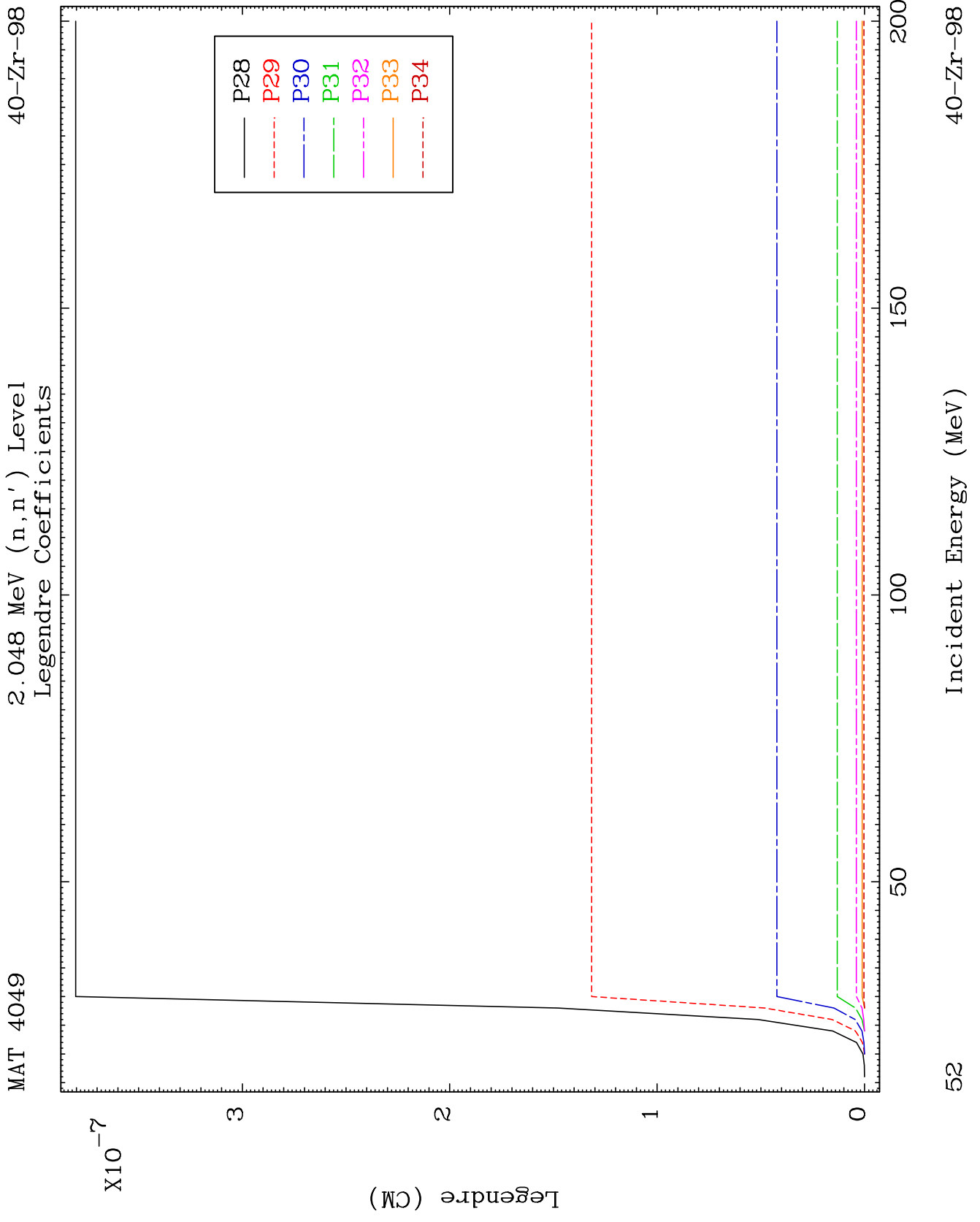


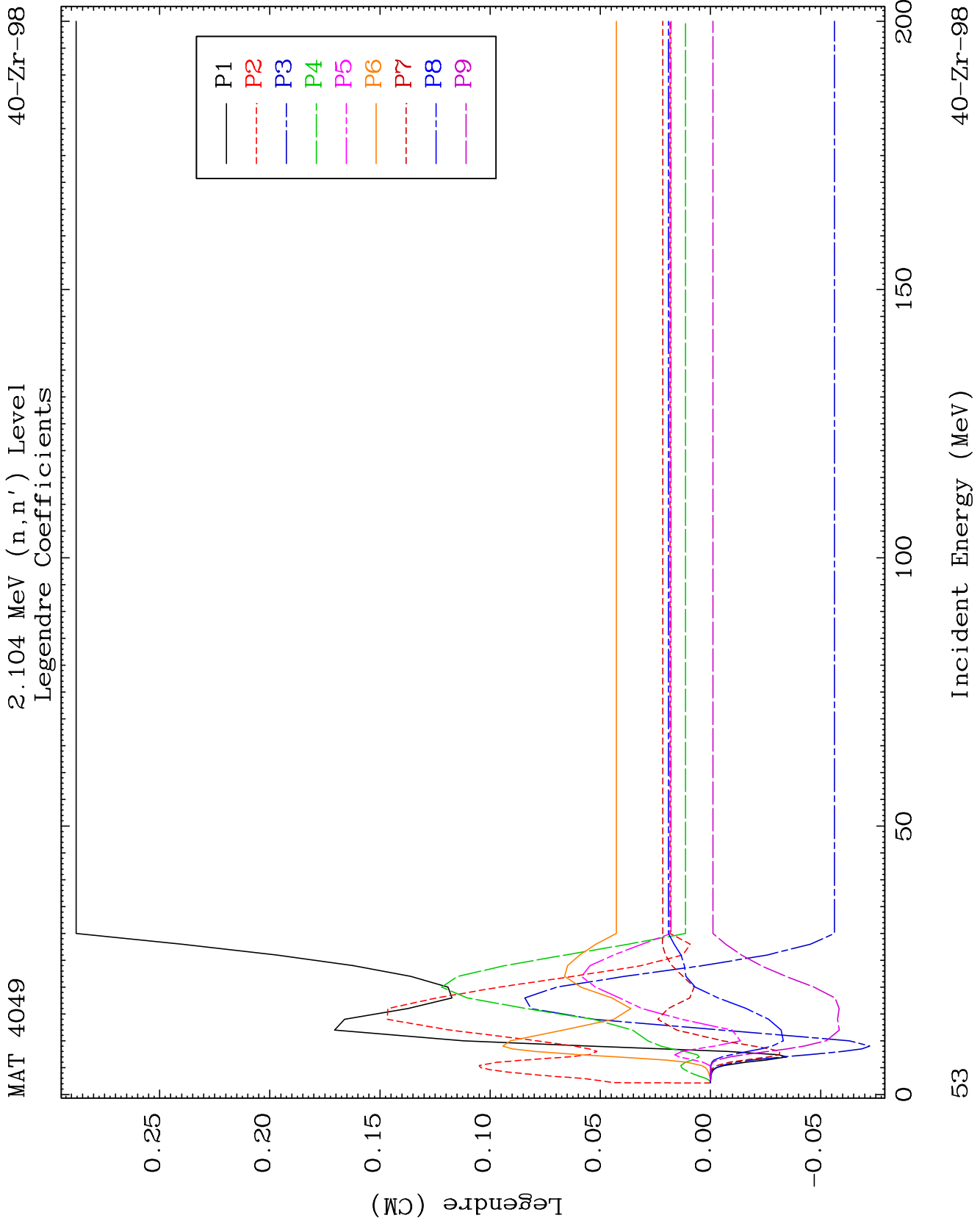








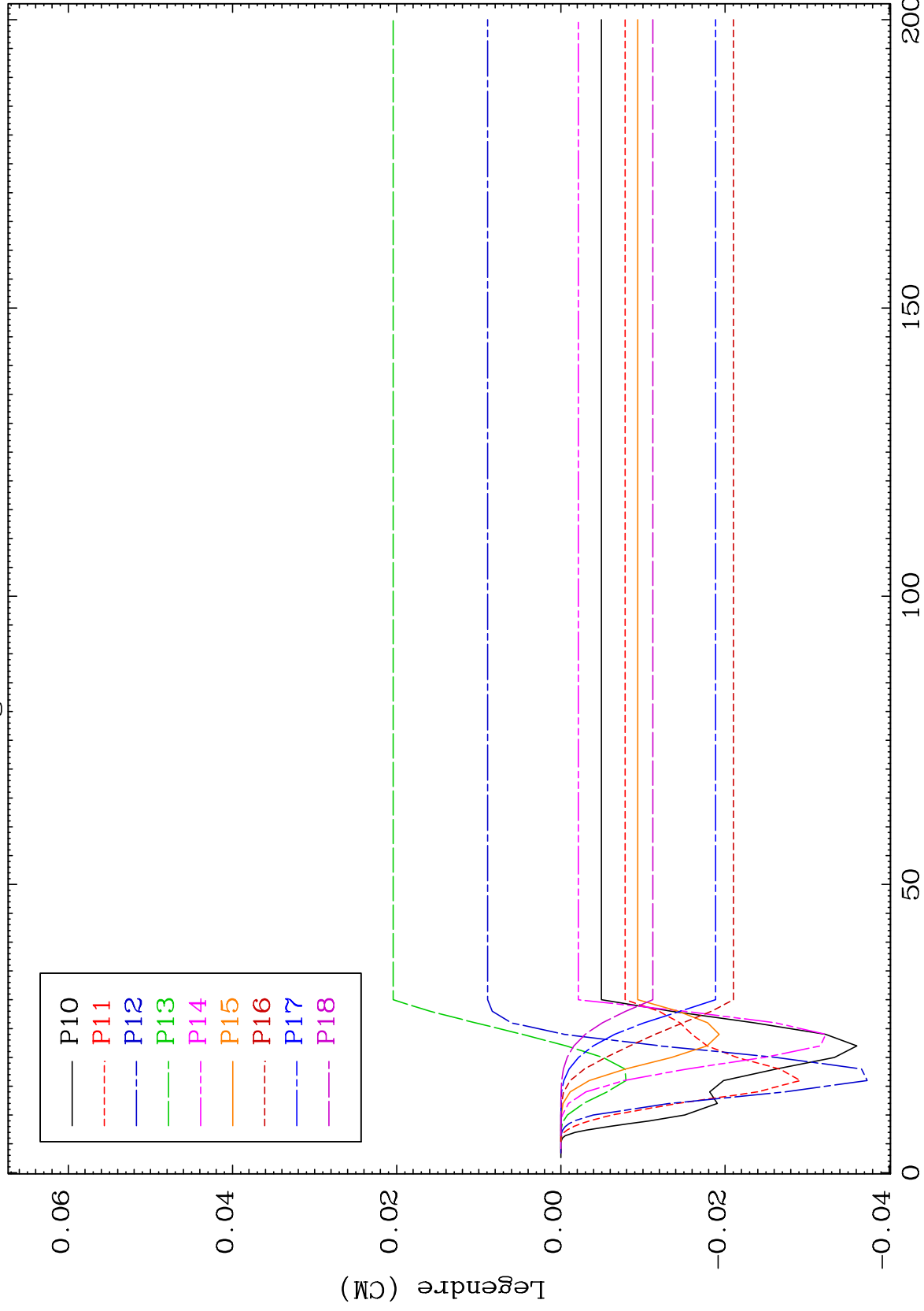




MAT 4049

2.104 MeV (n,n') Level  
Legendre Coefficients

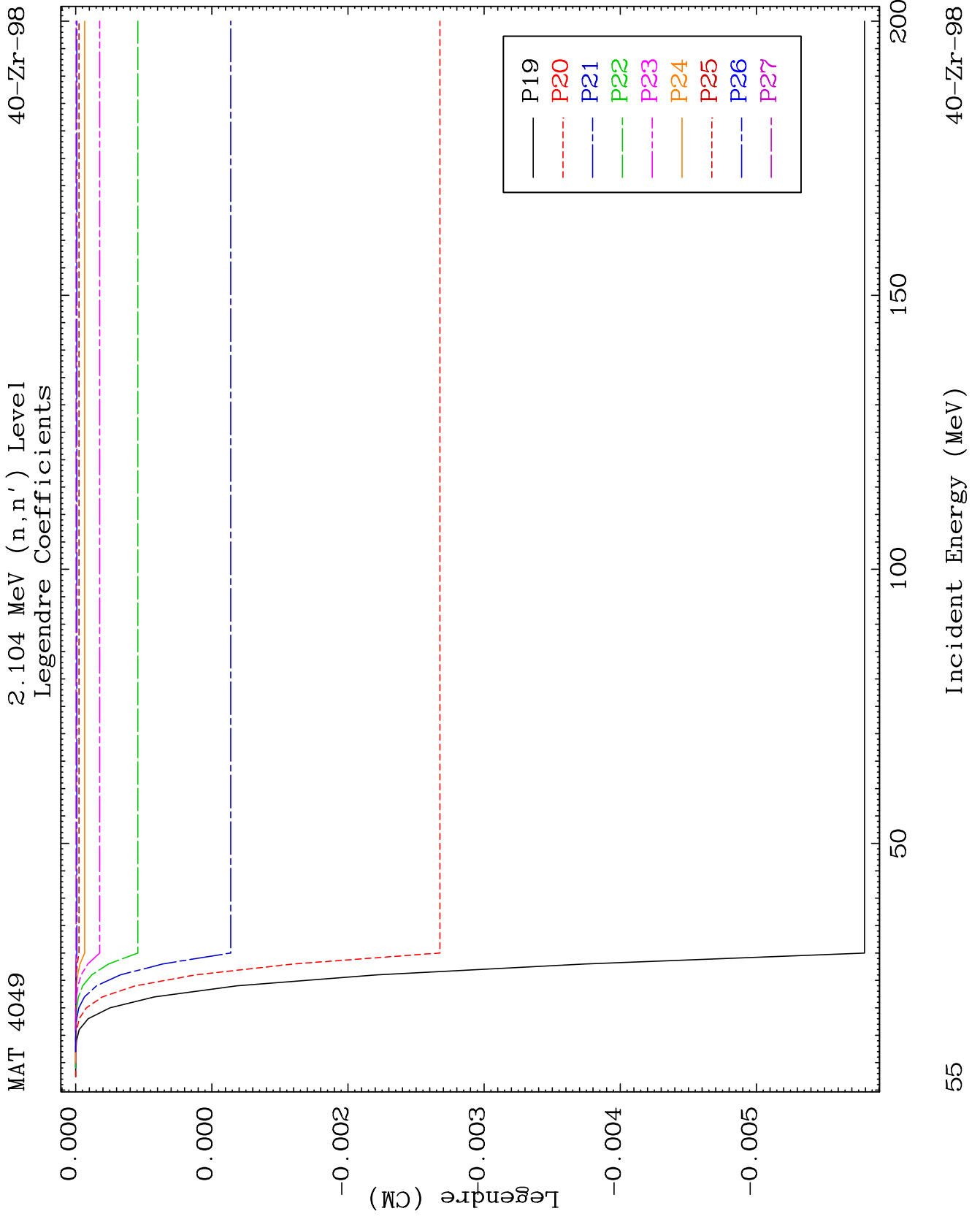
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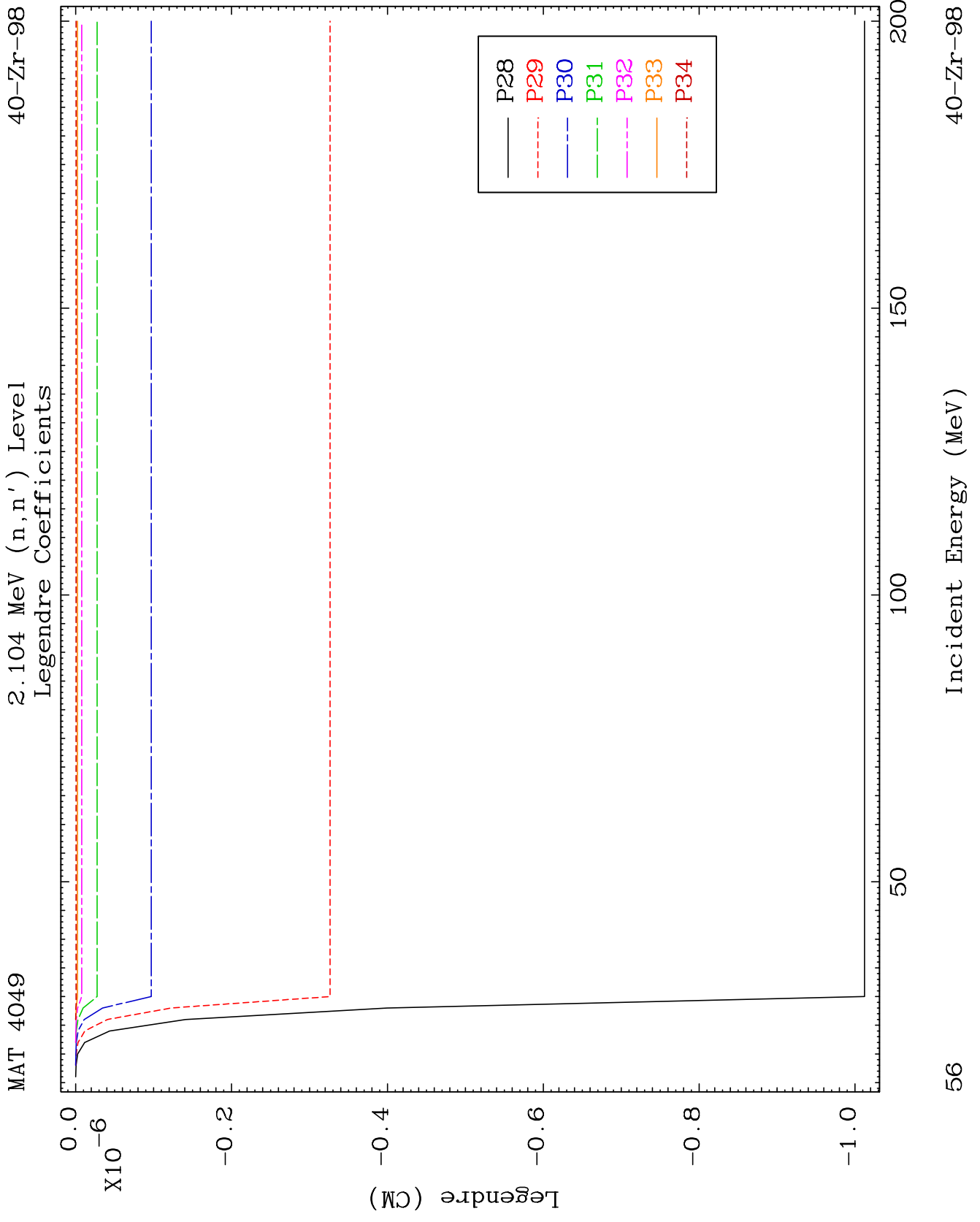
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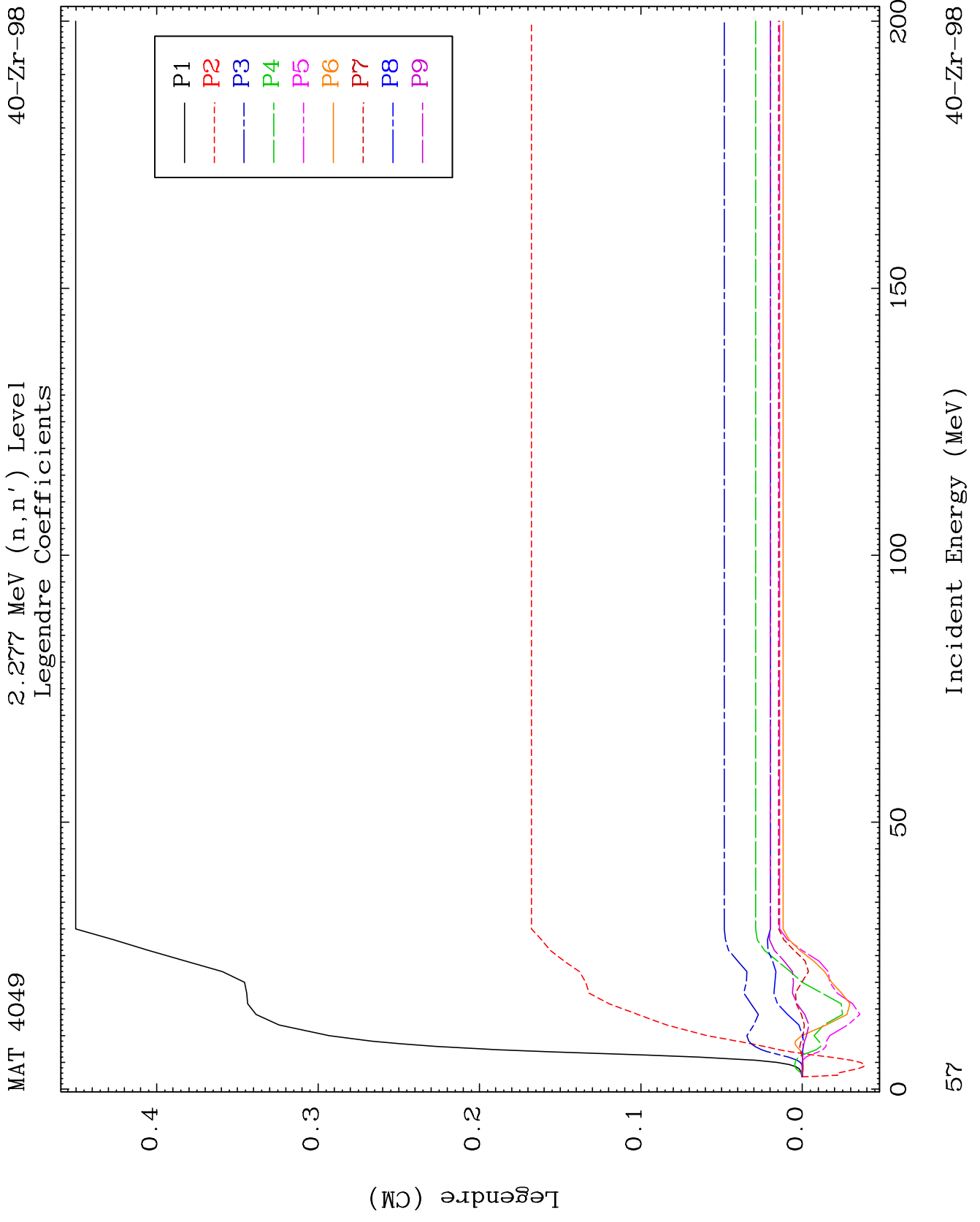
Incident Energy (MeV)

40-Zr-98





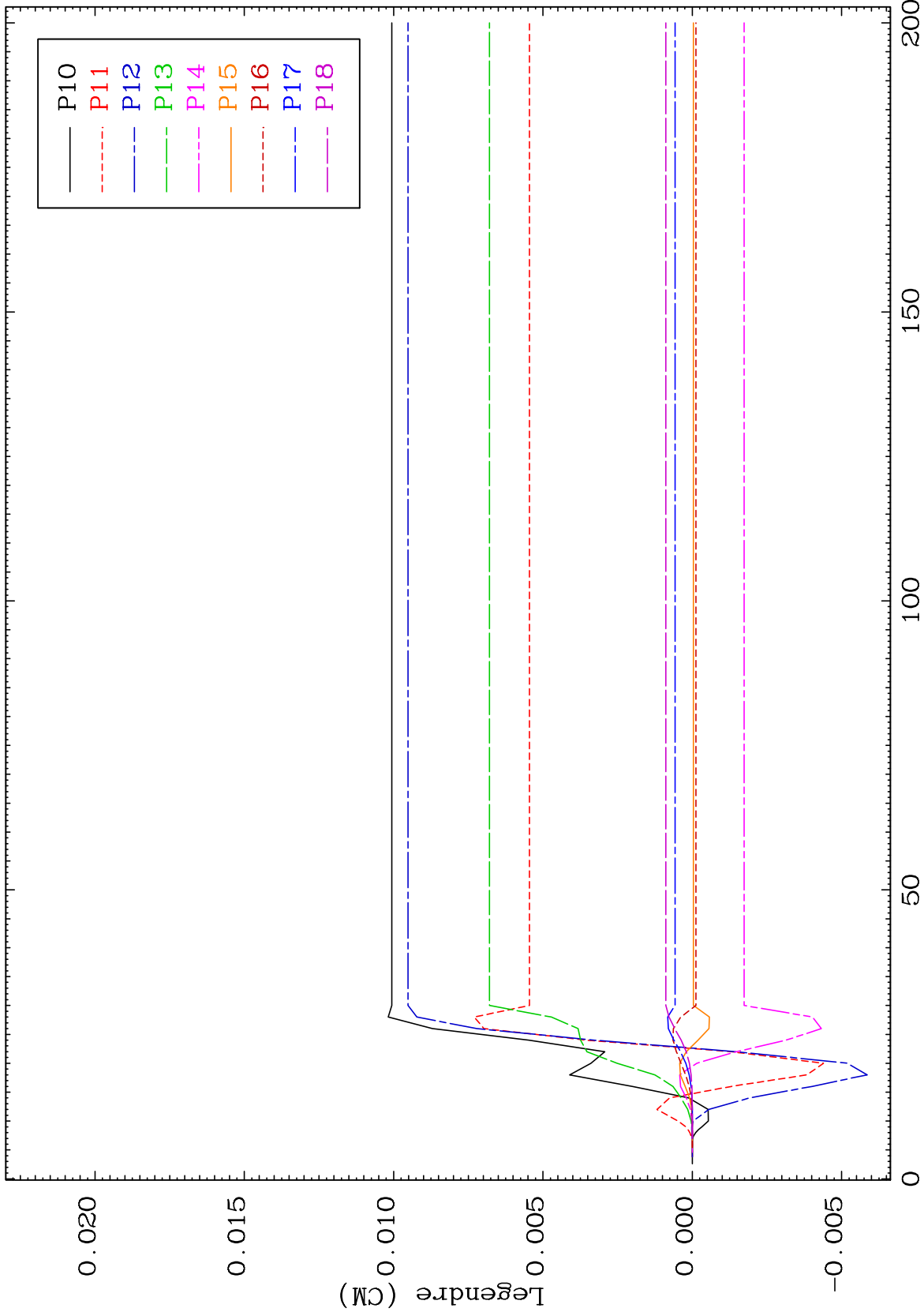




MAT 4049

2.277 MeV (n,n') Level  
Legendre Coefficients

40-Zr-98

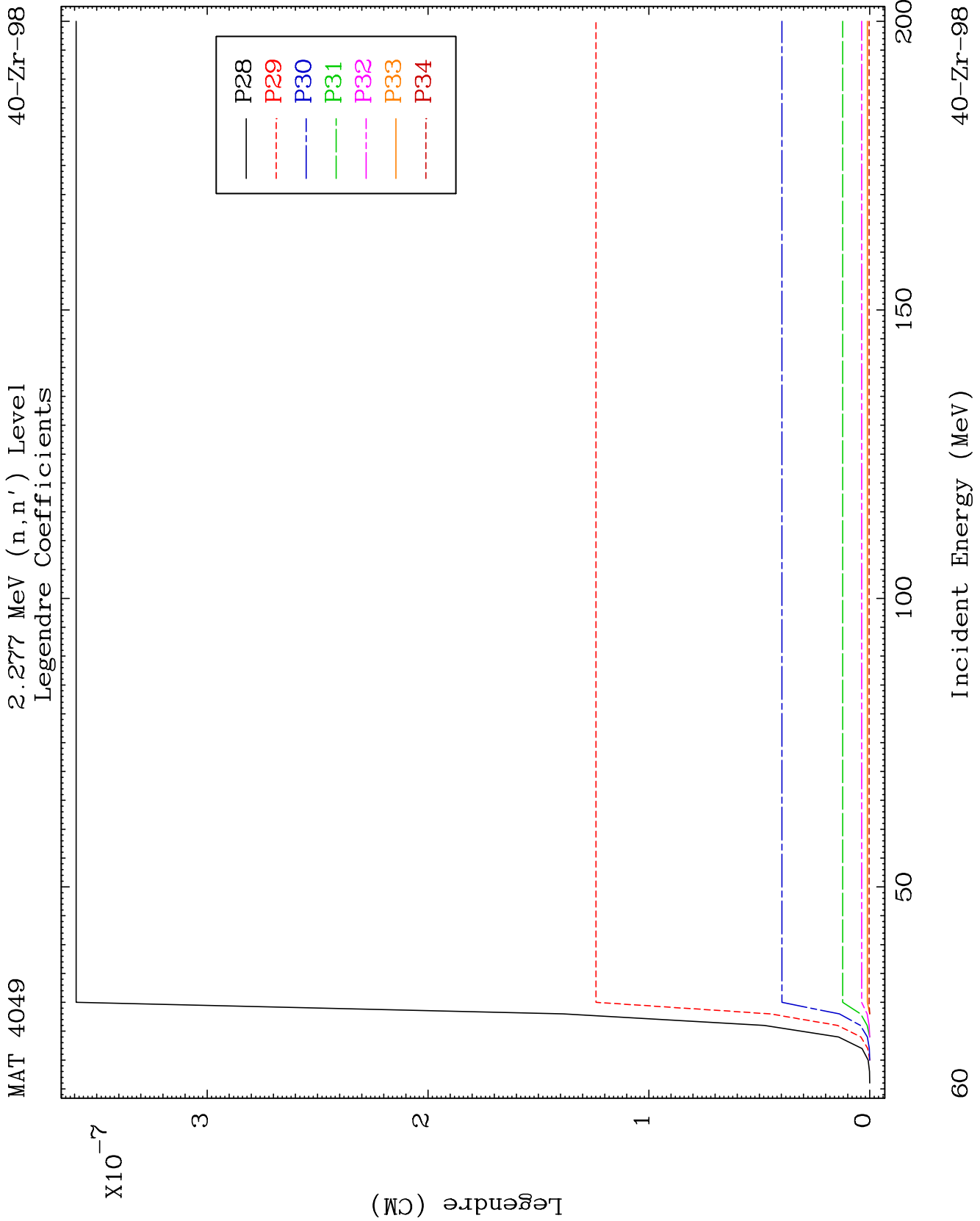


58

Incident Energy (MeV)

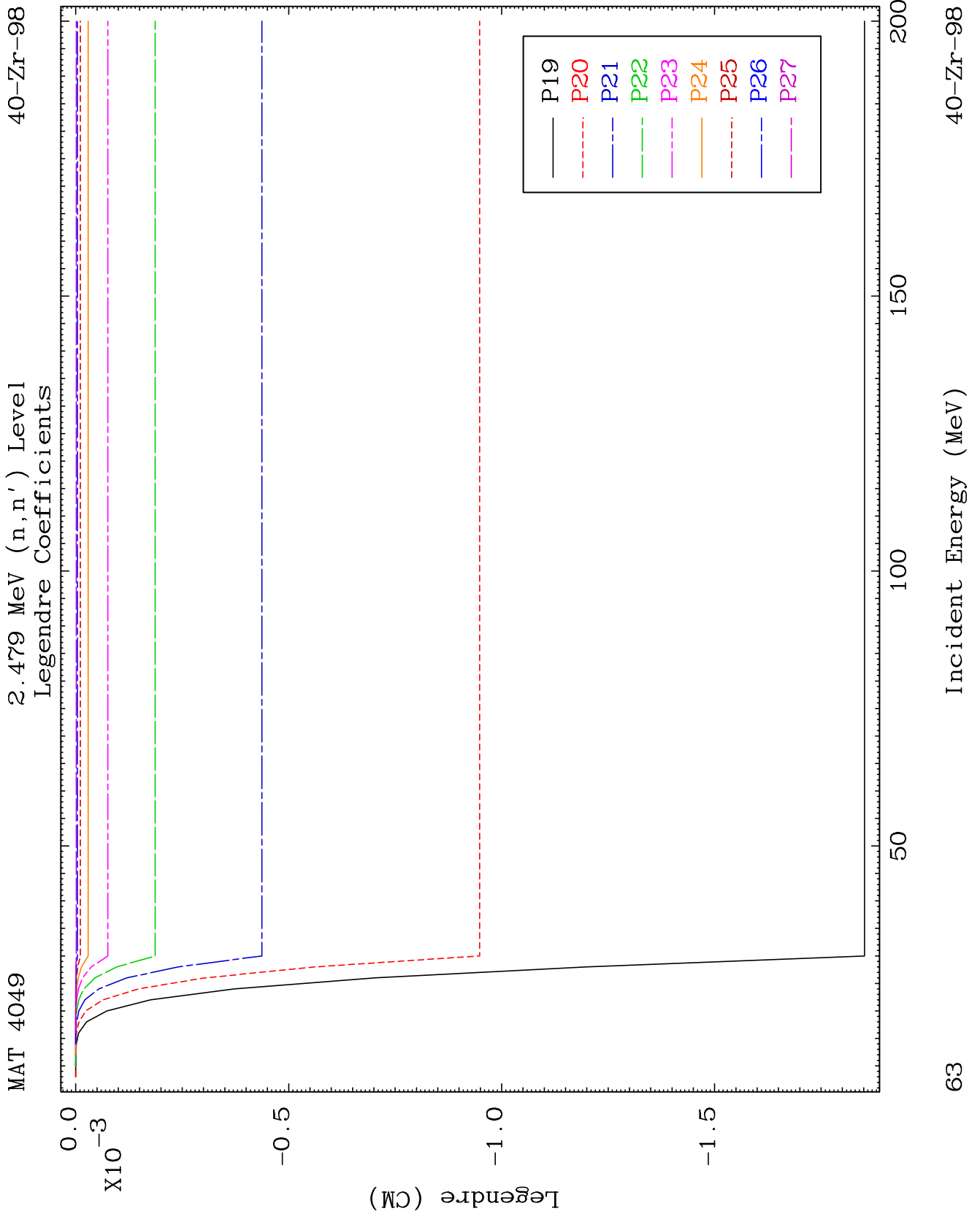
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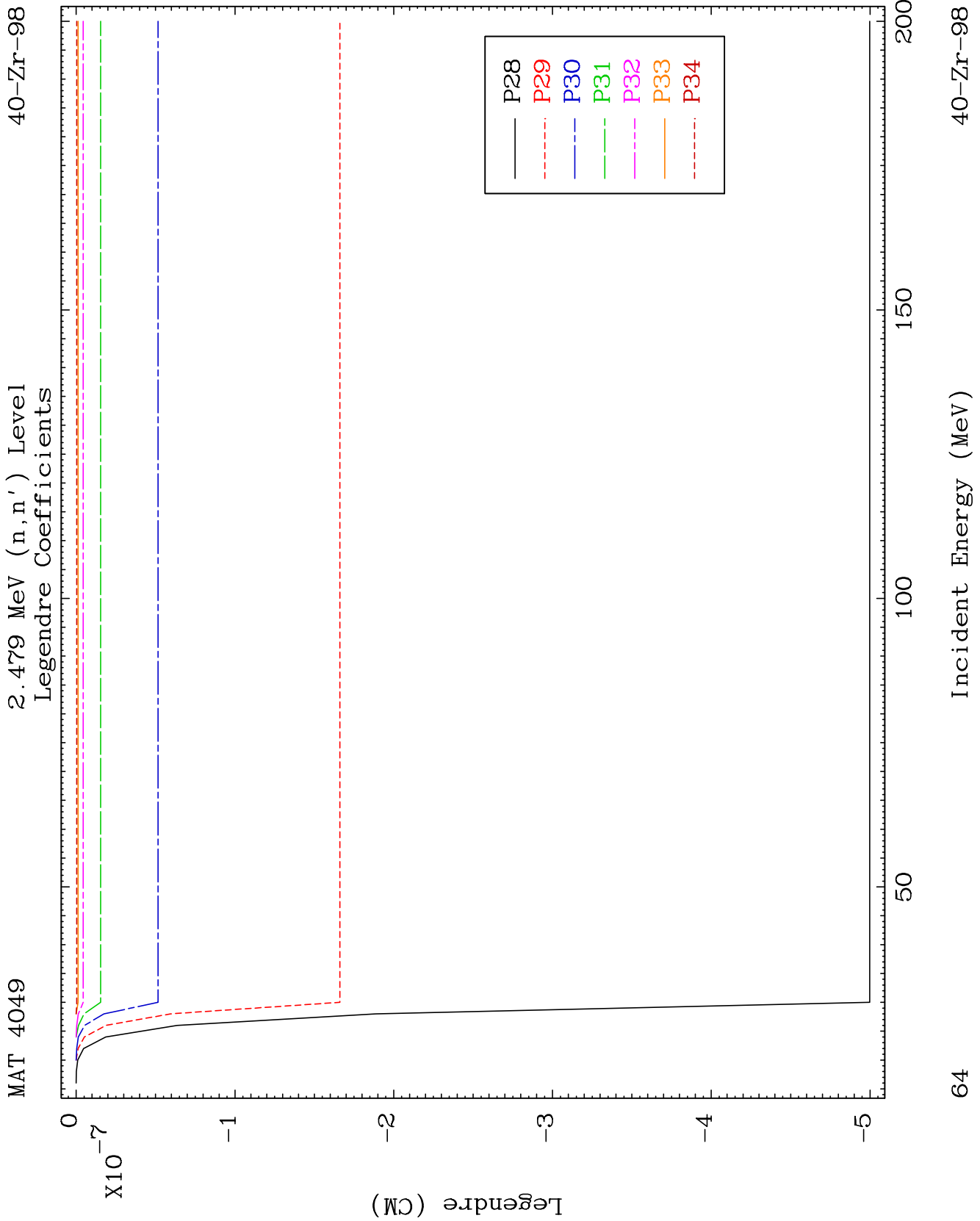


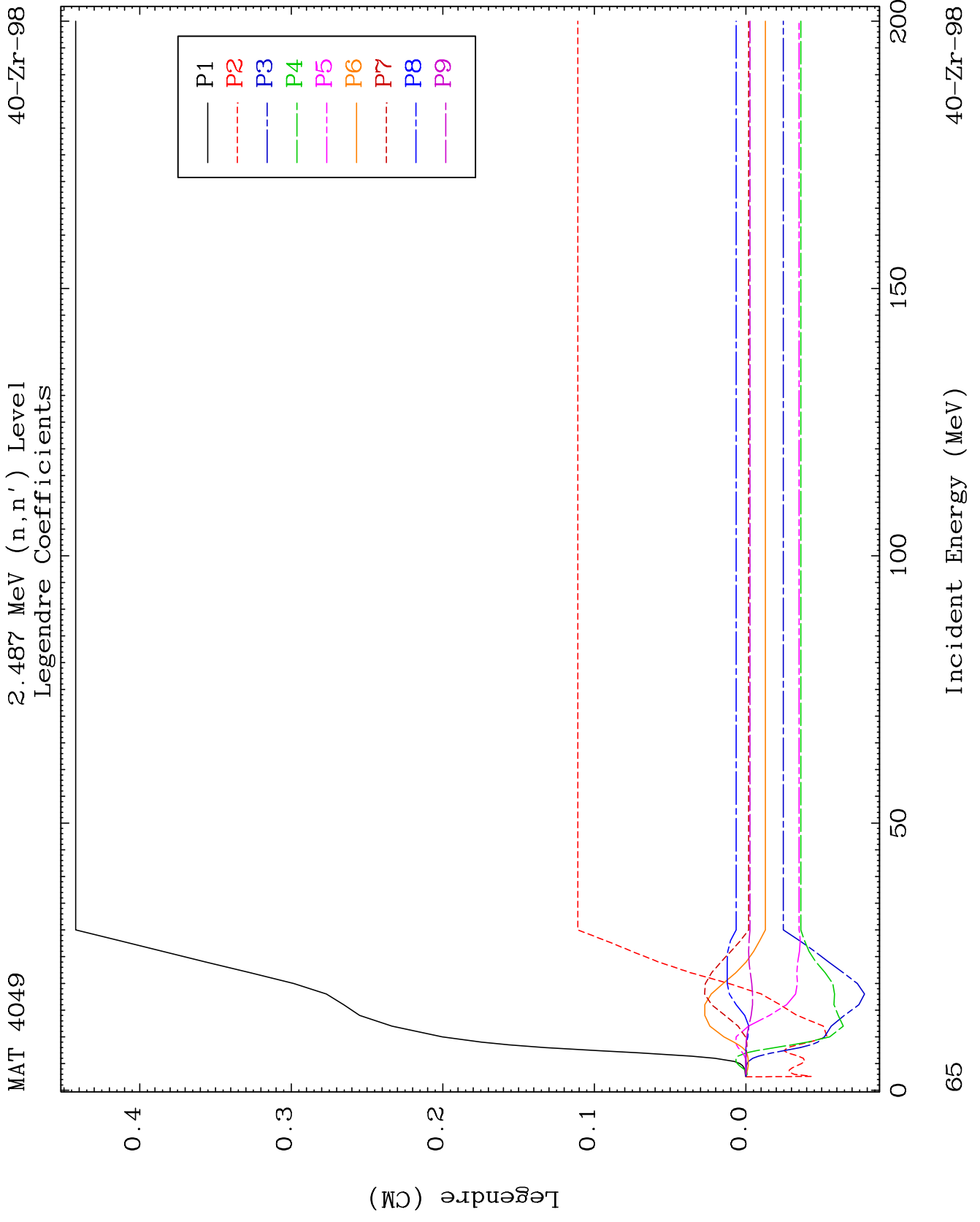


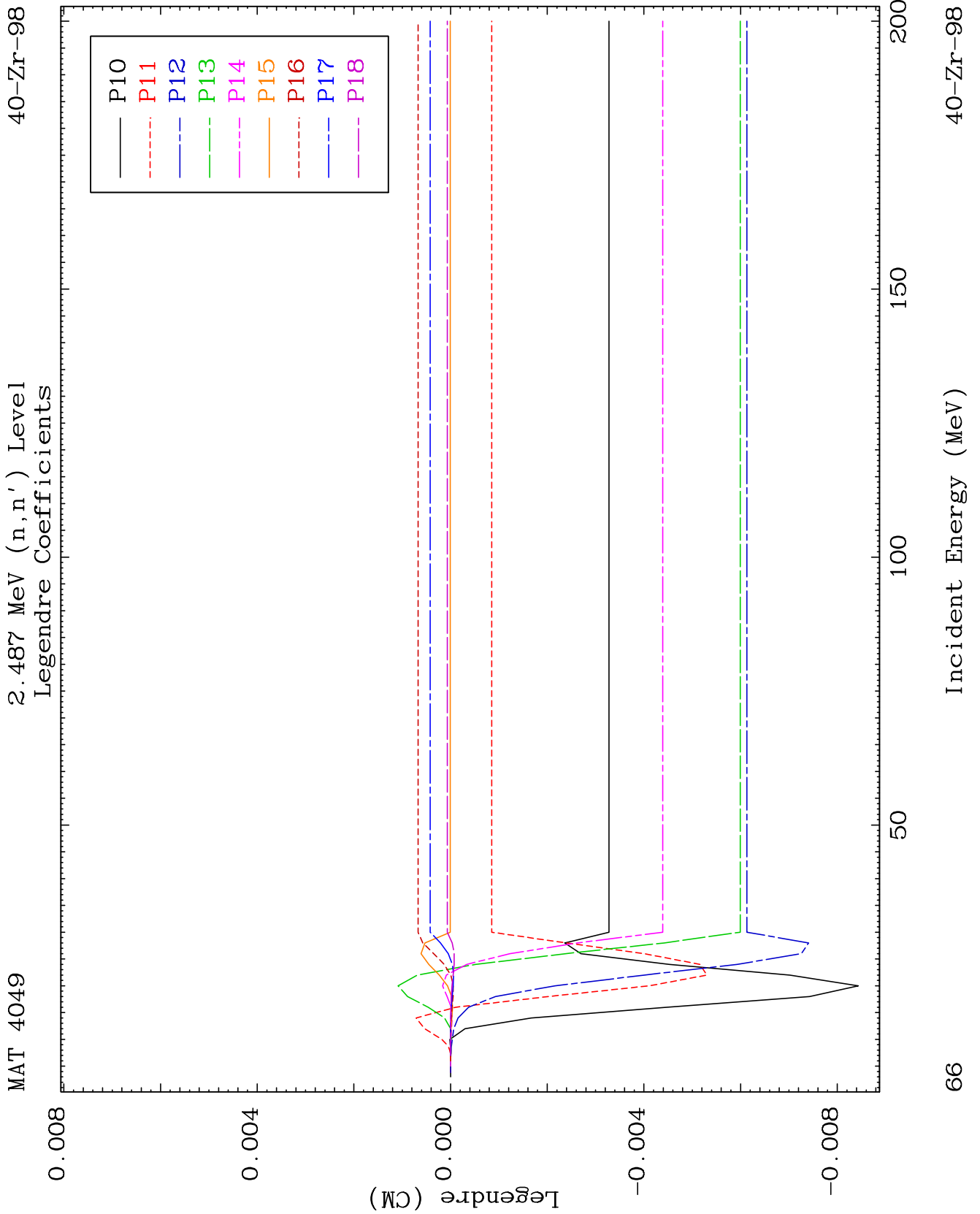


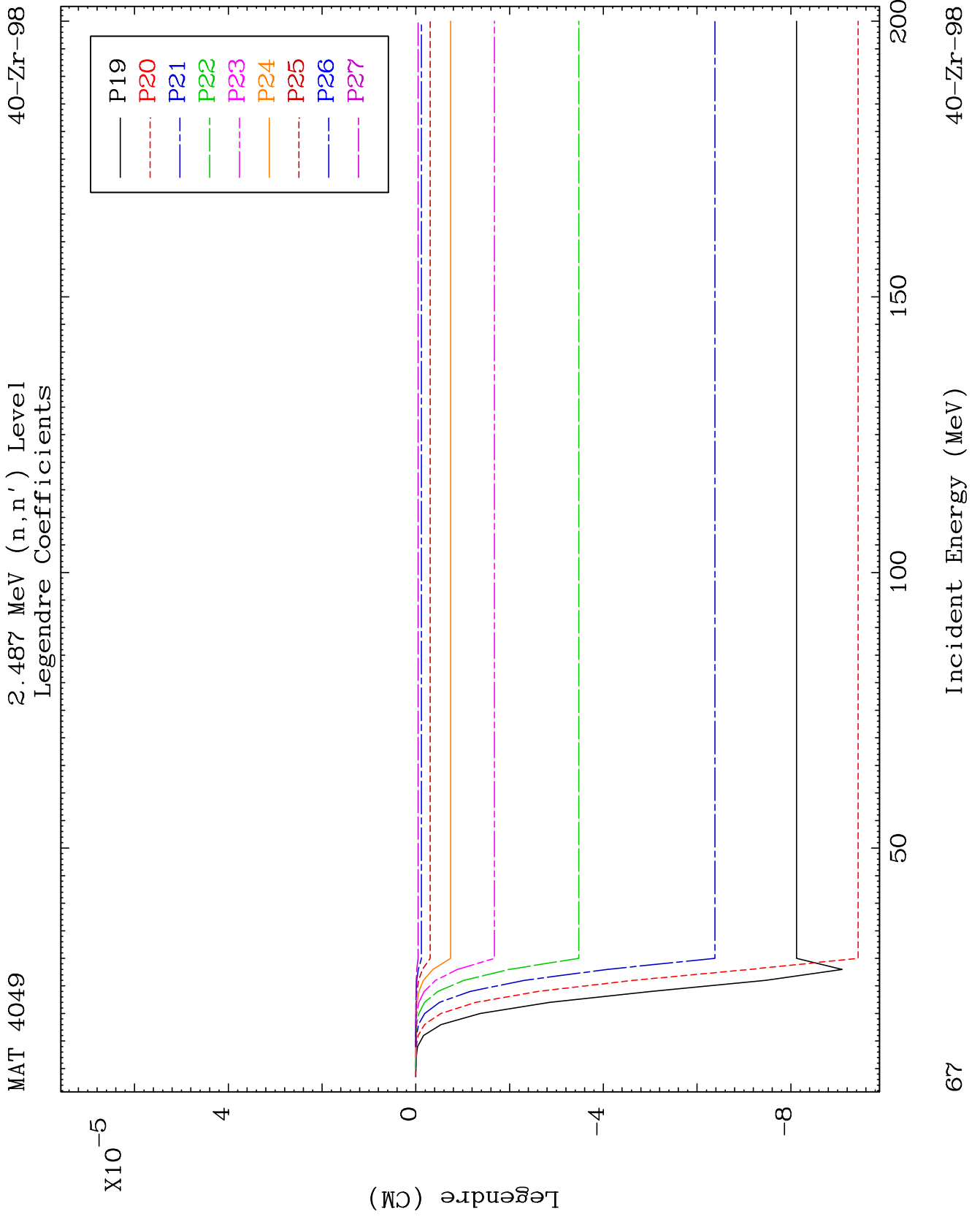


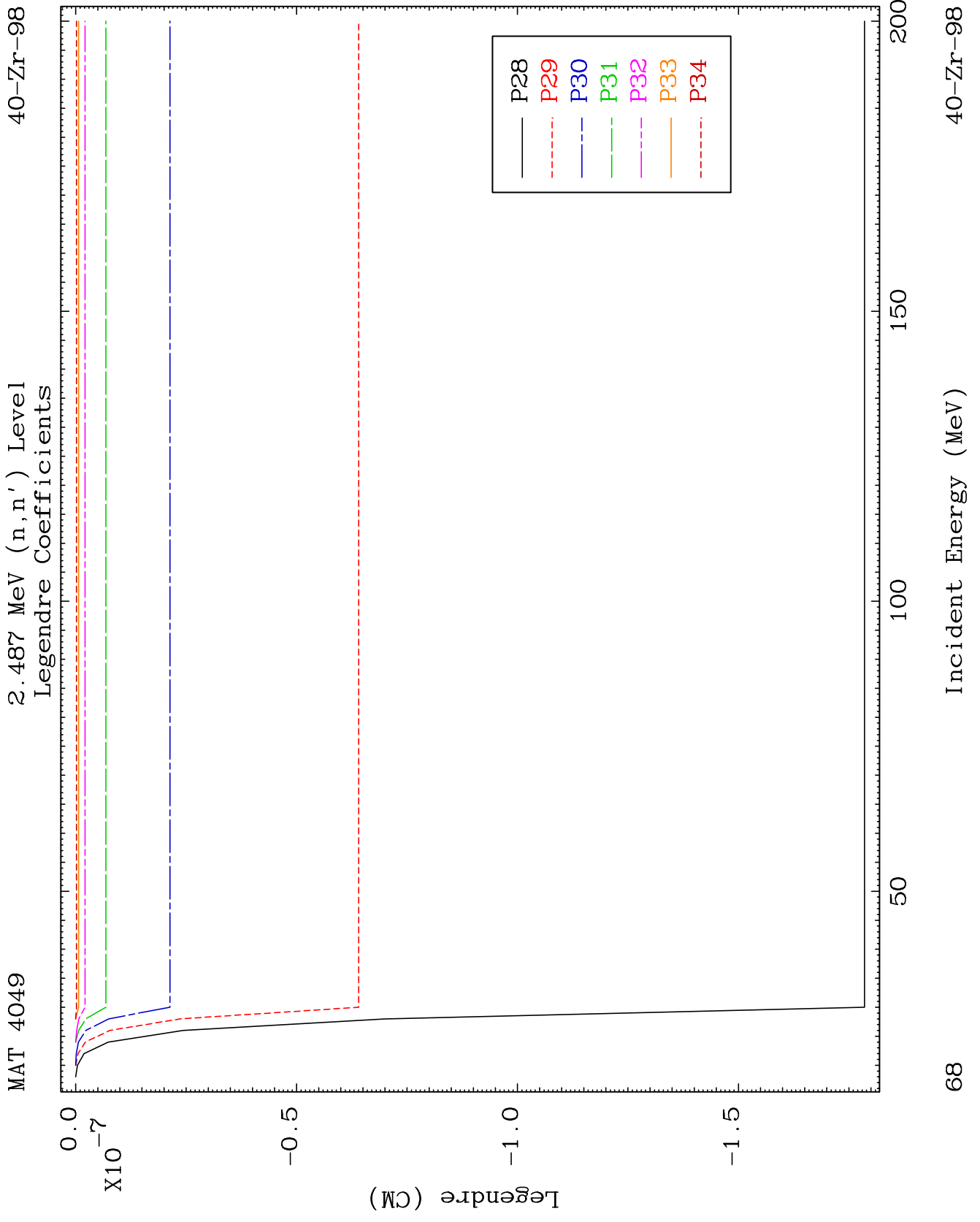


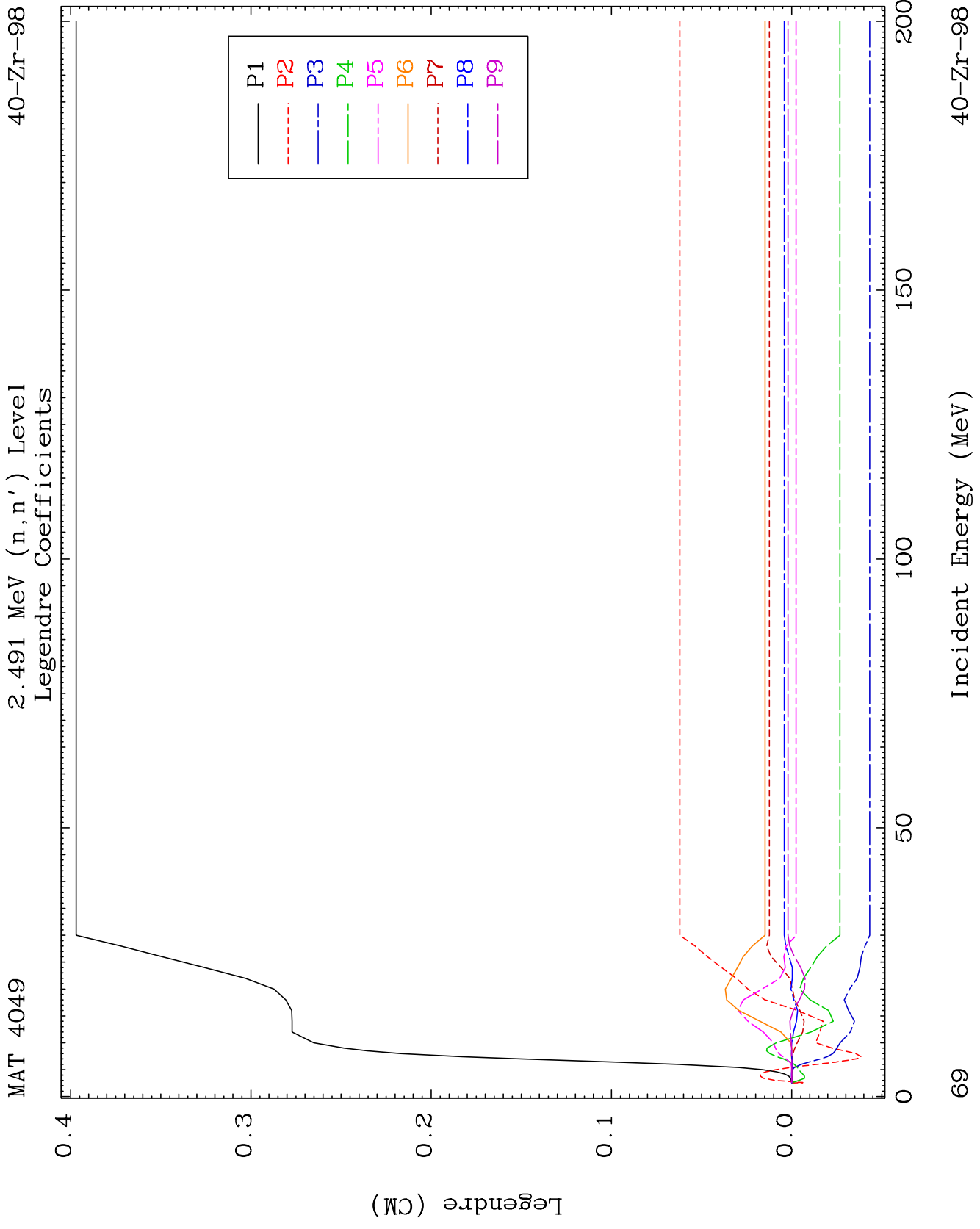








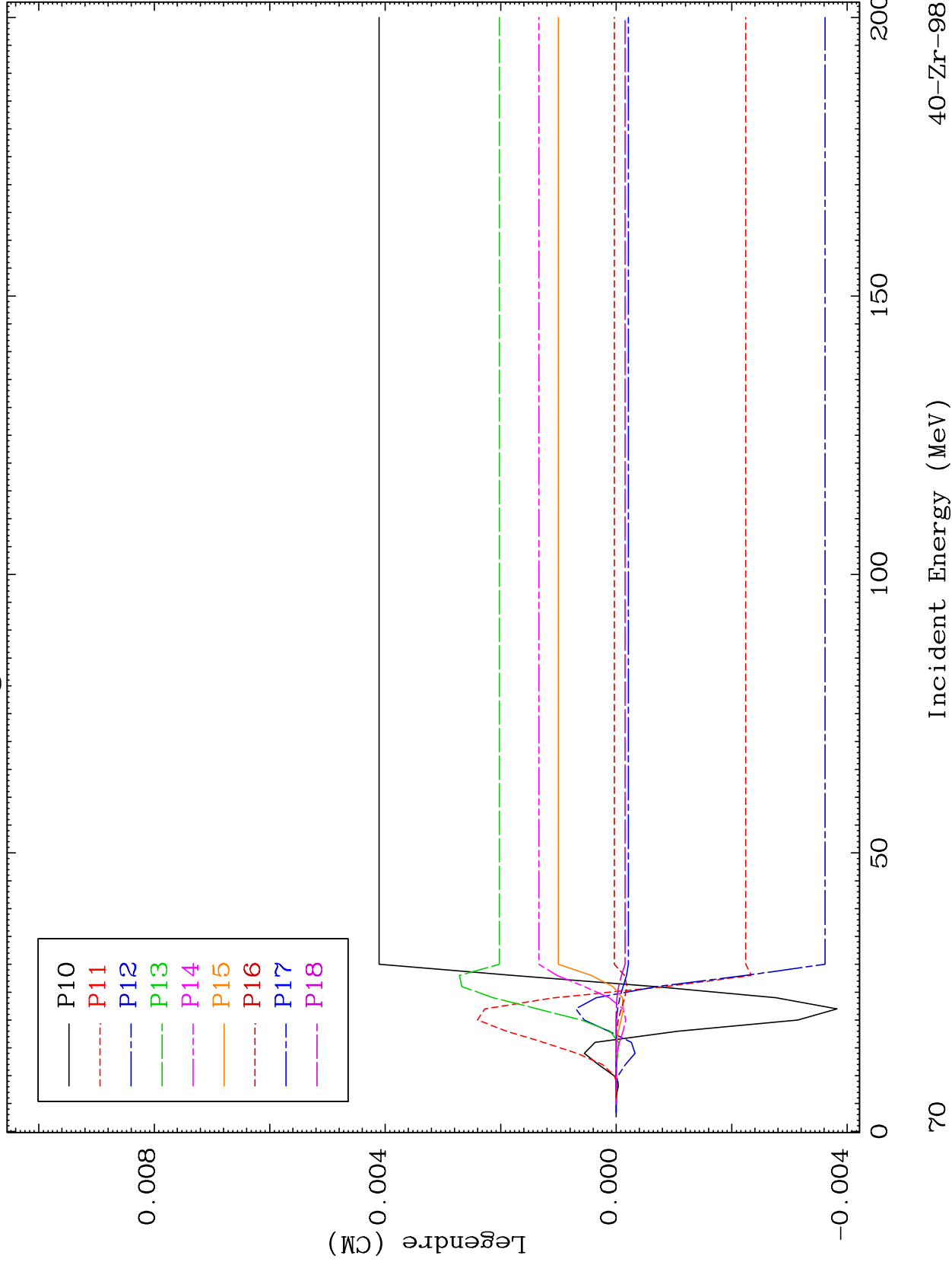




MAT 4049

2.491 MeV (n,n') Level  
Legendre Coefficients

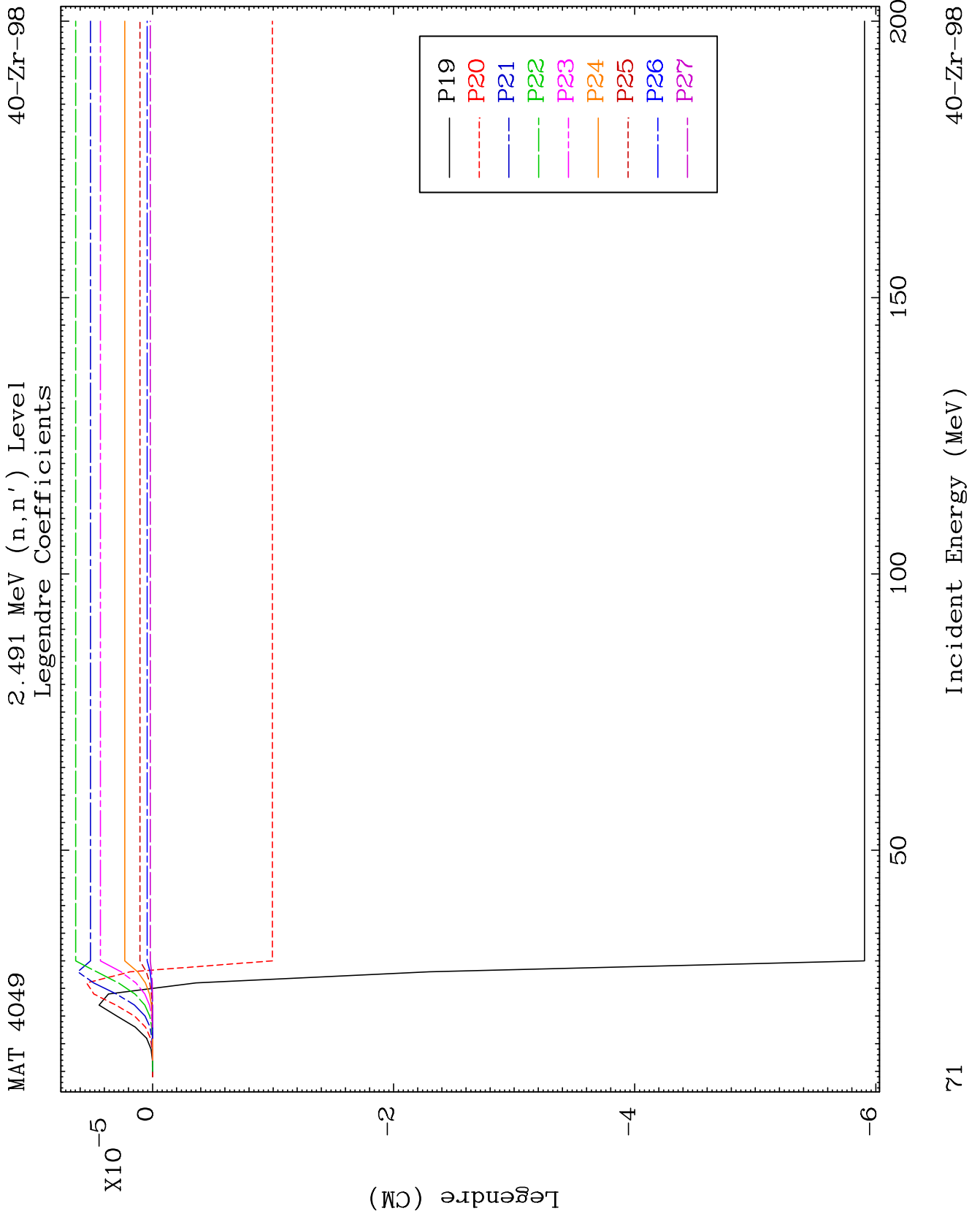
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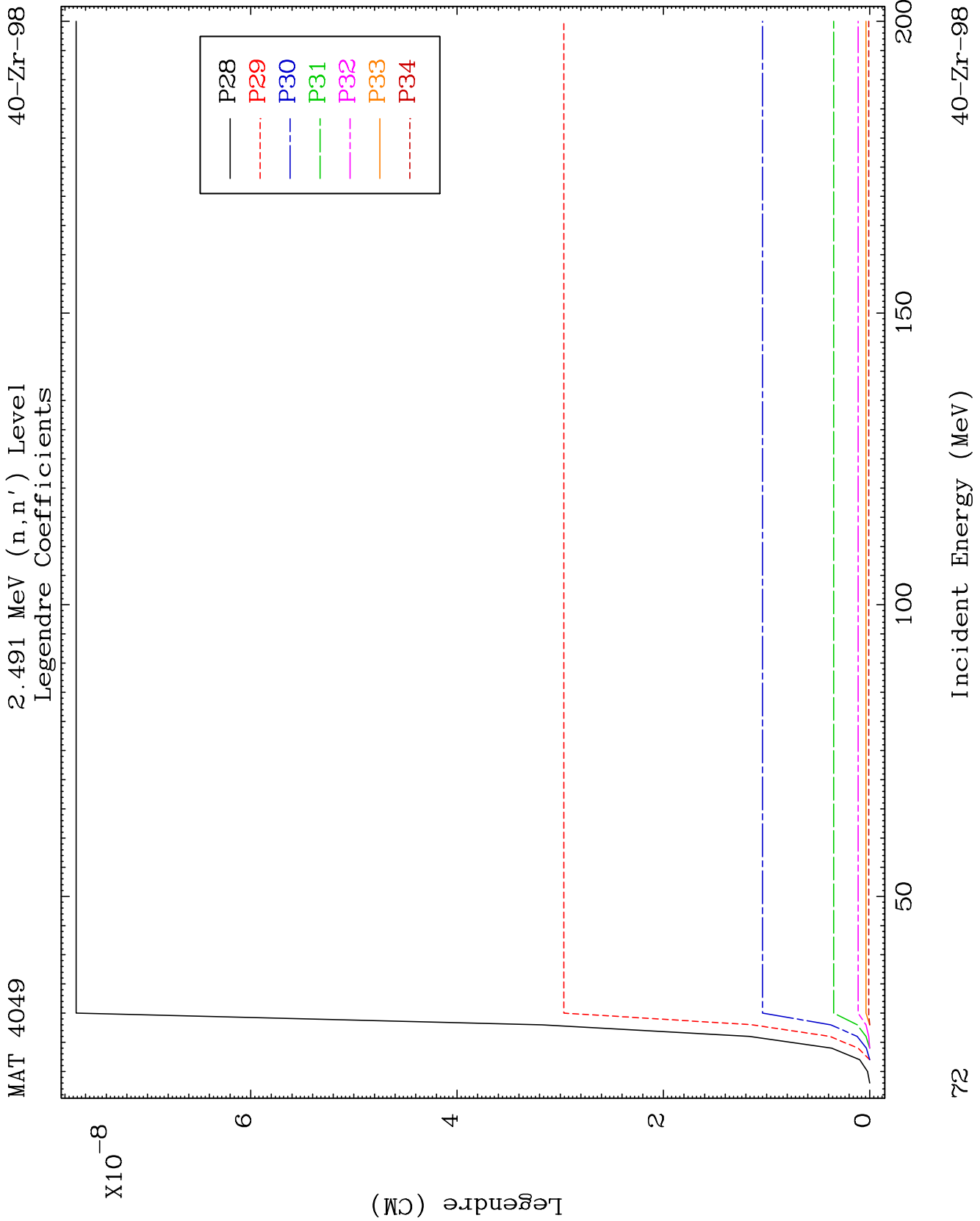
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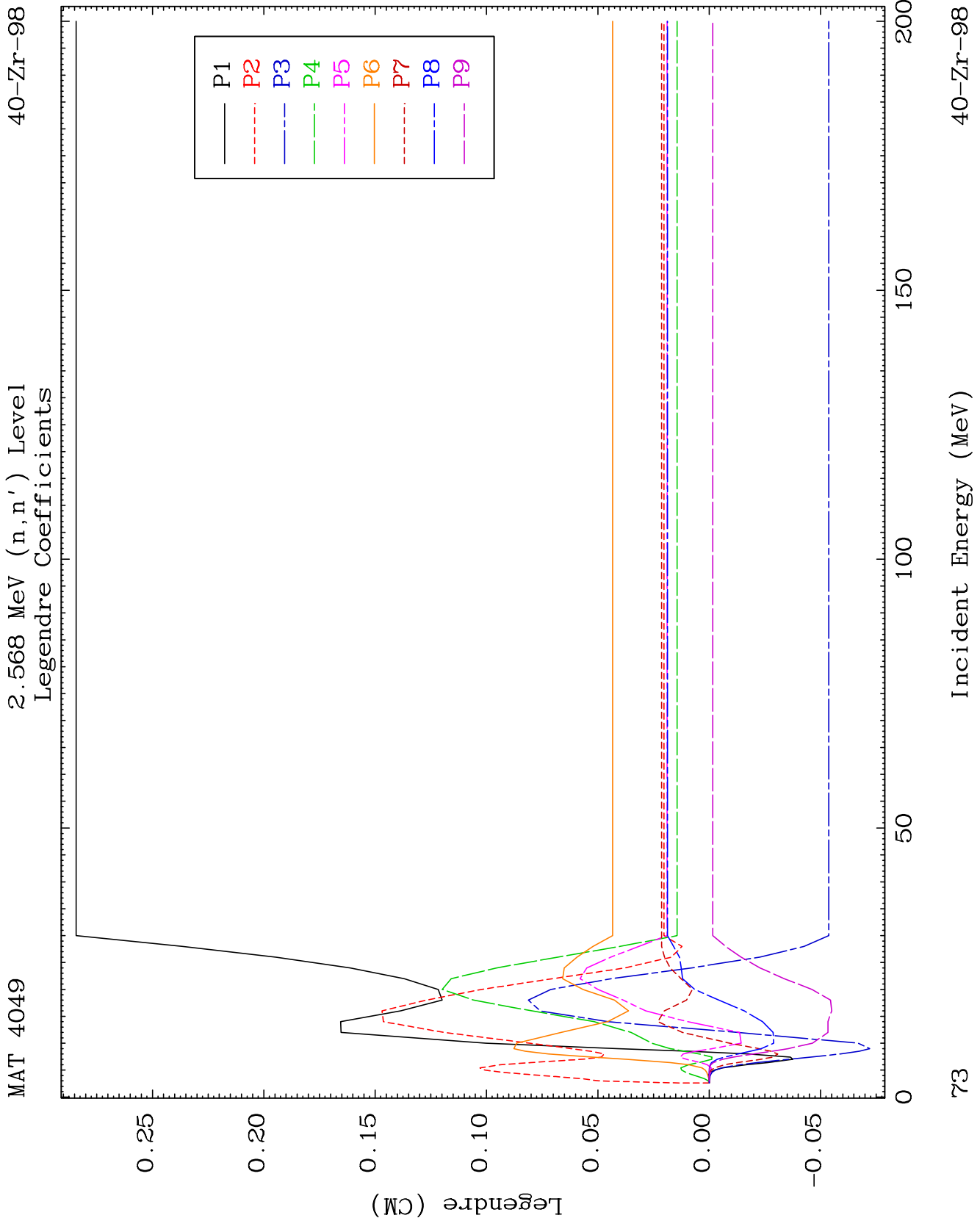
Incident Energy (MeV)

40-Zr-98





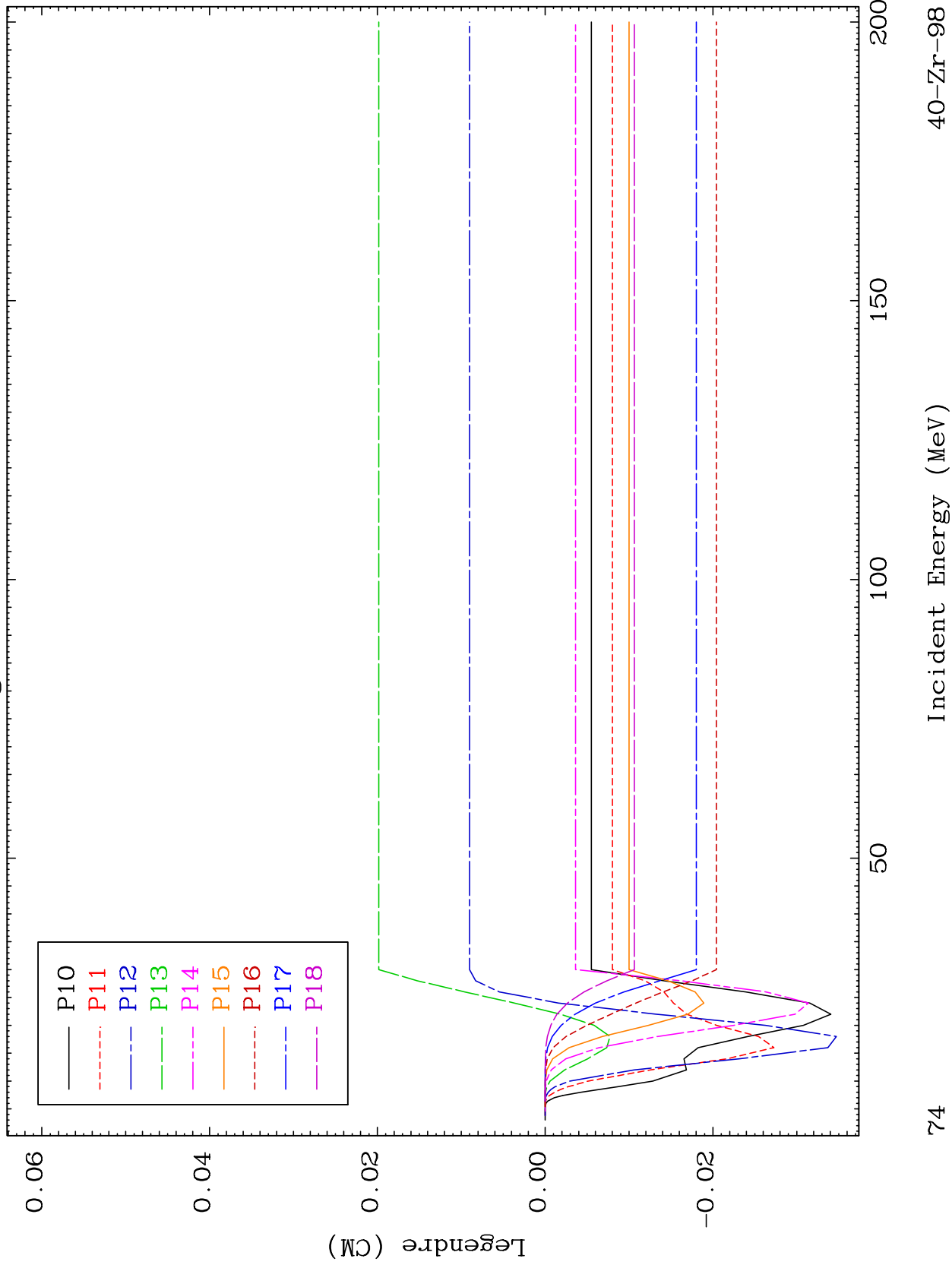




MAT 4049

2.568 MeV (n,n') Level  
Legendre Coefficients

40-Zr-98

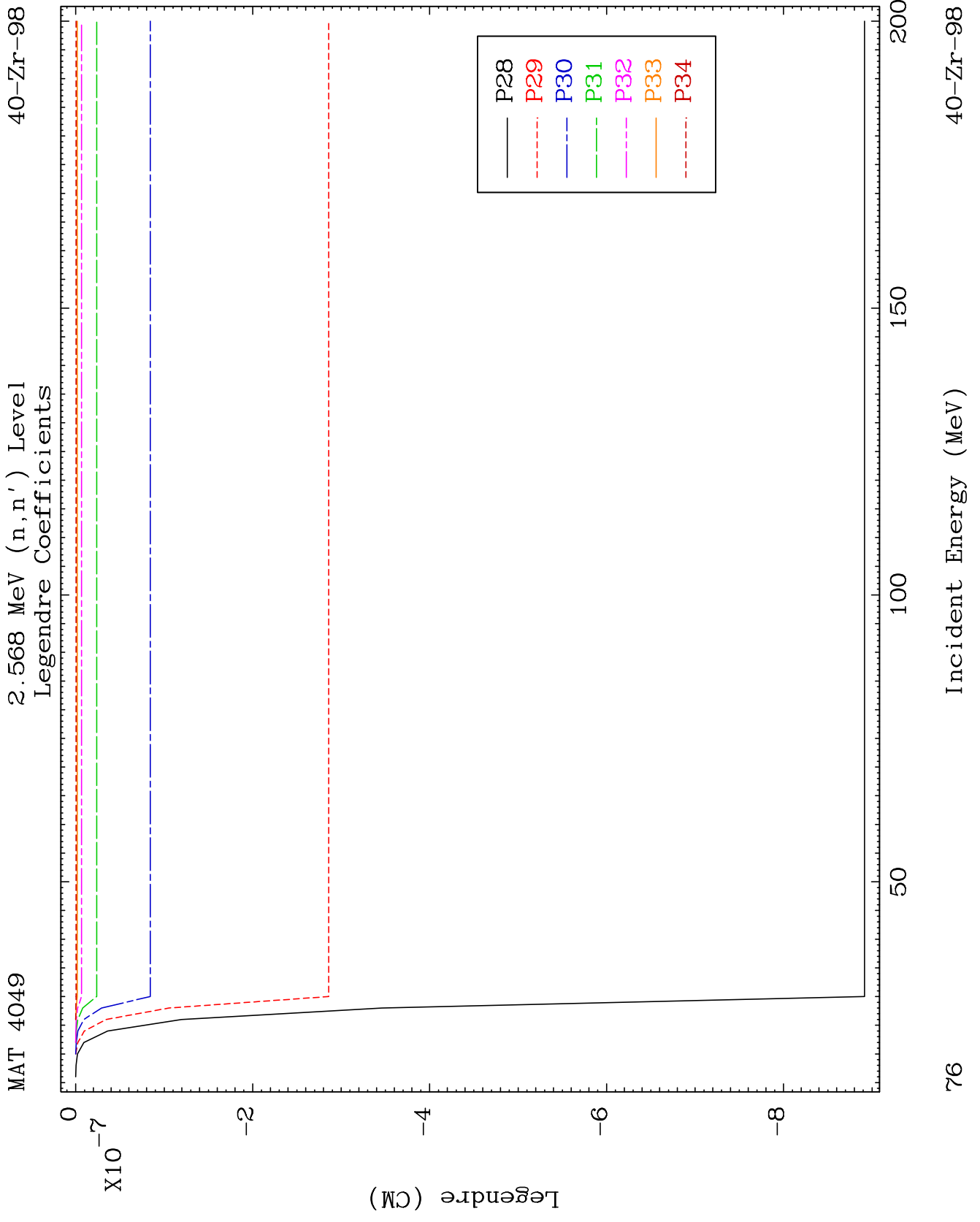


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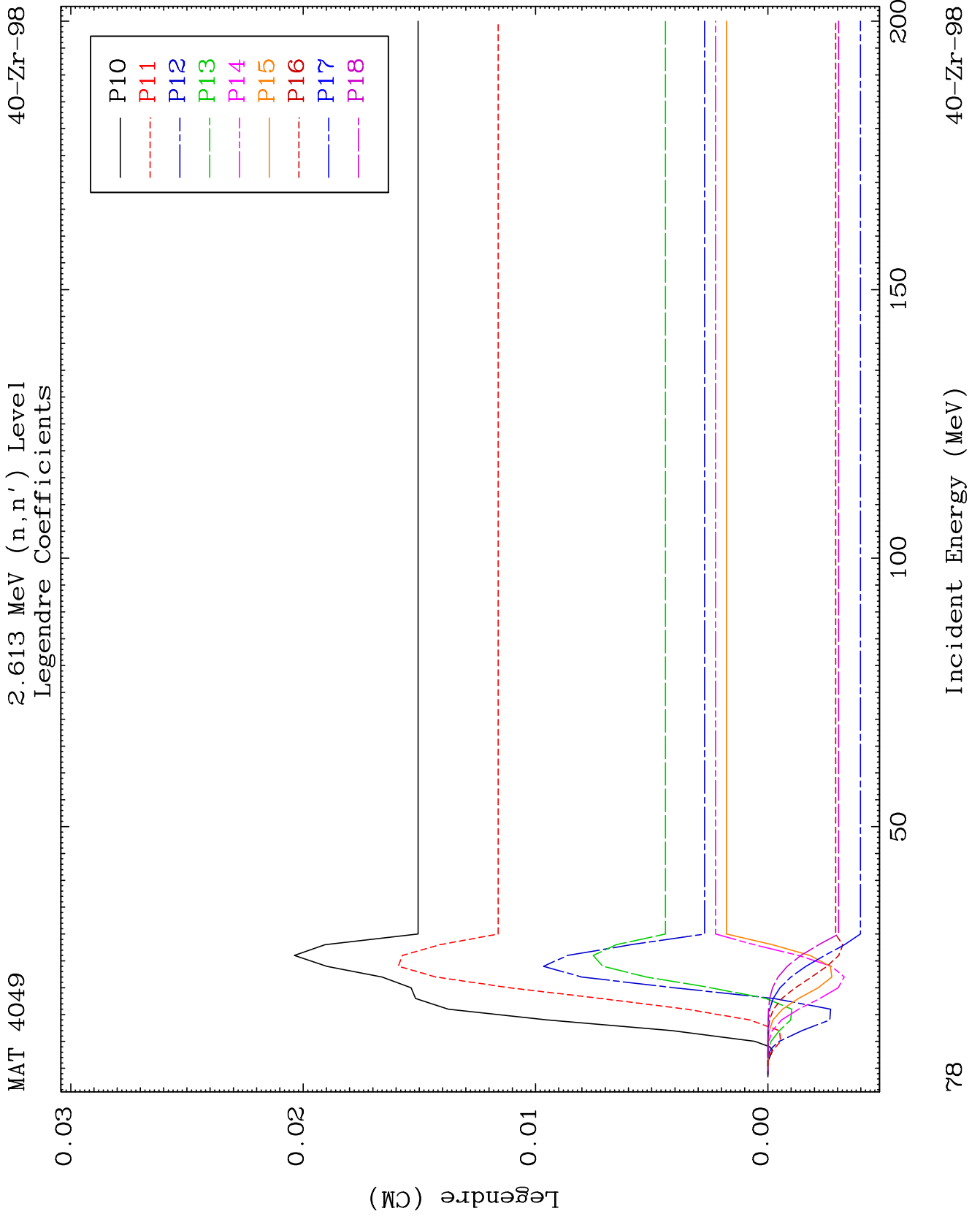
Incident Energy (MeV)

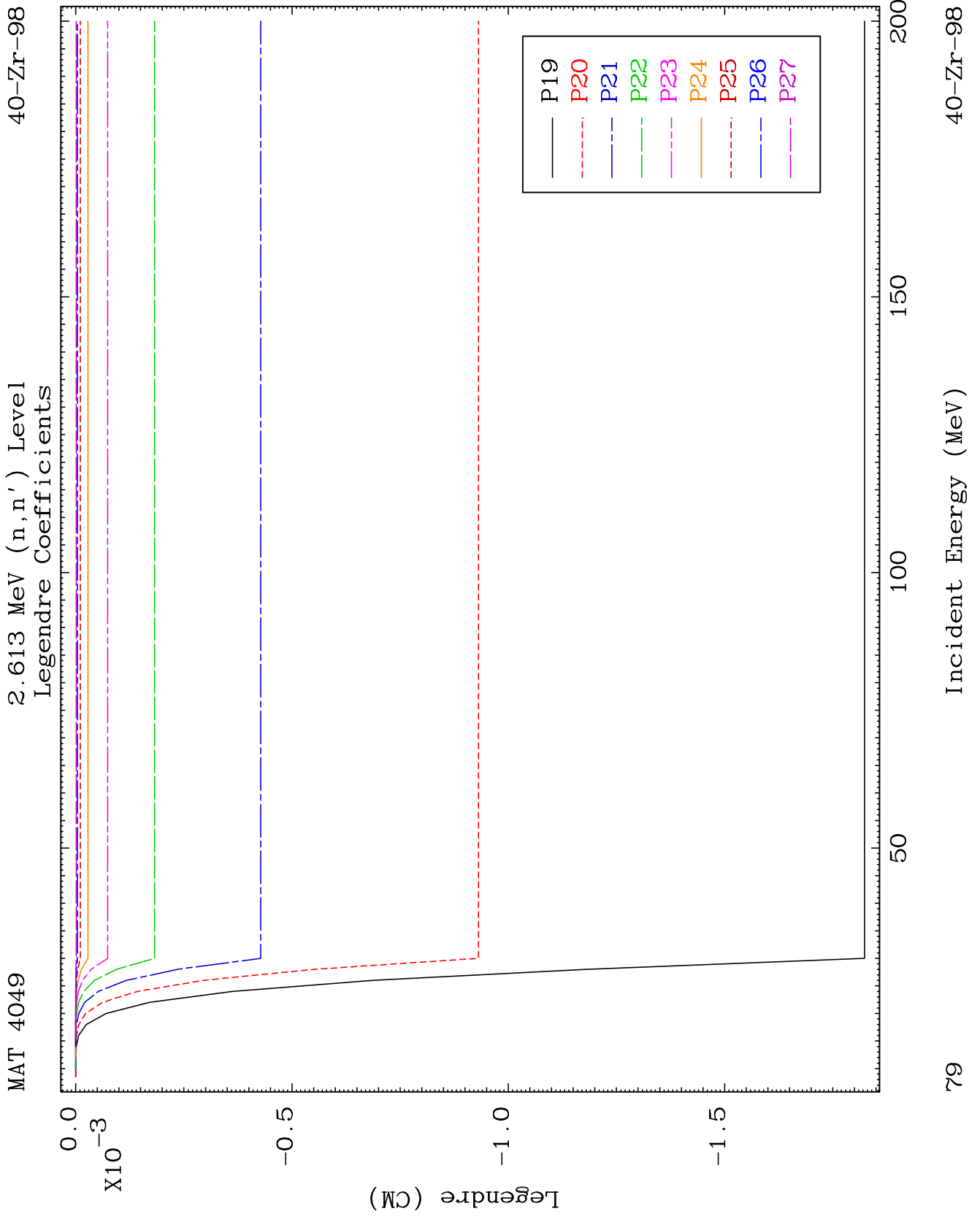
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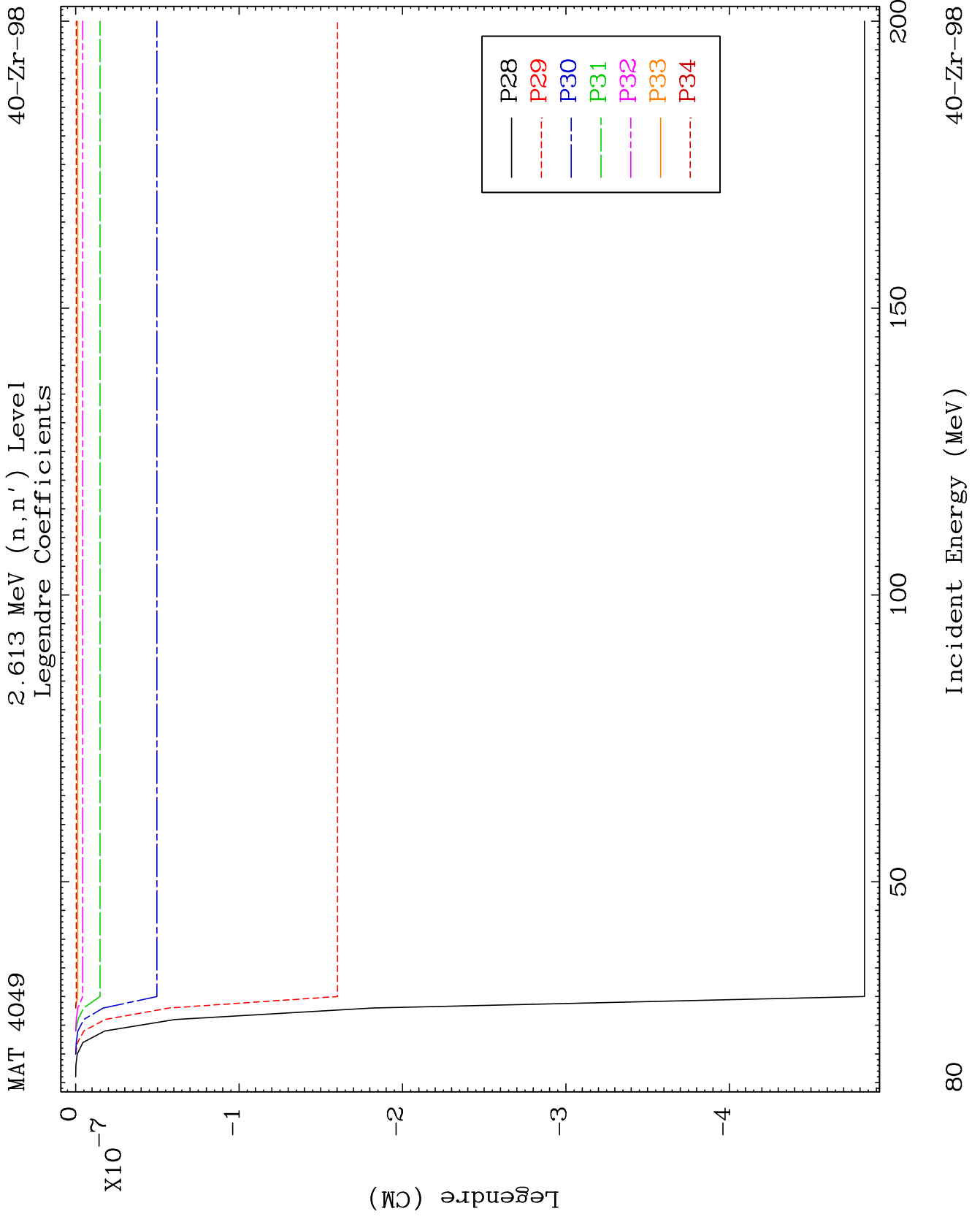










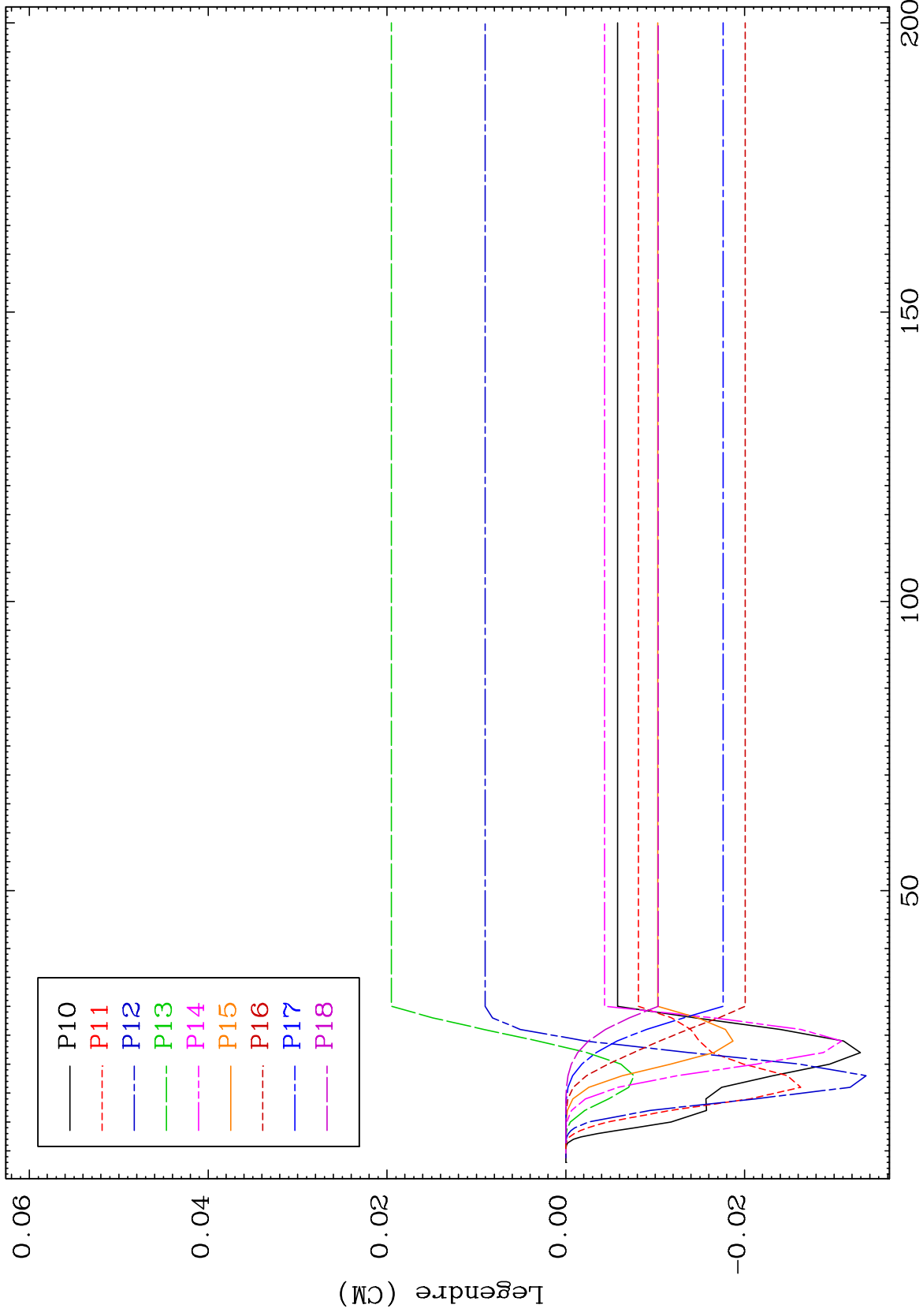




MAT 4049

2.797 MeV (n,n') Level  
Legendre Coefficients

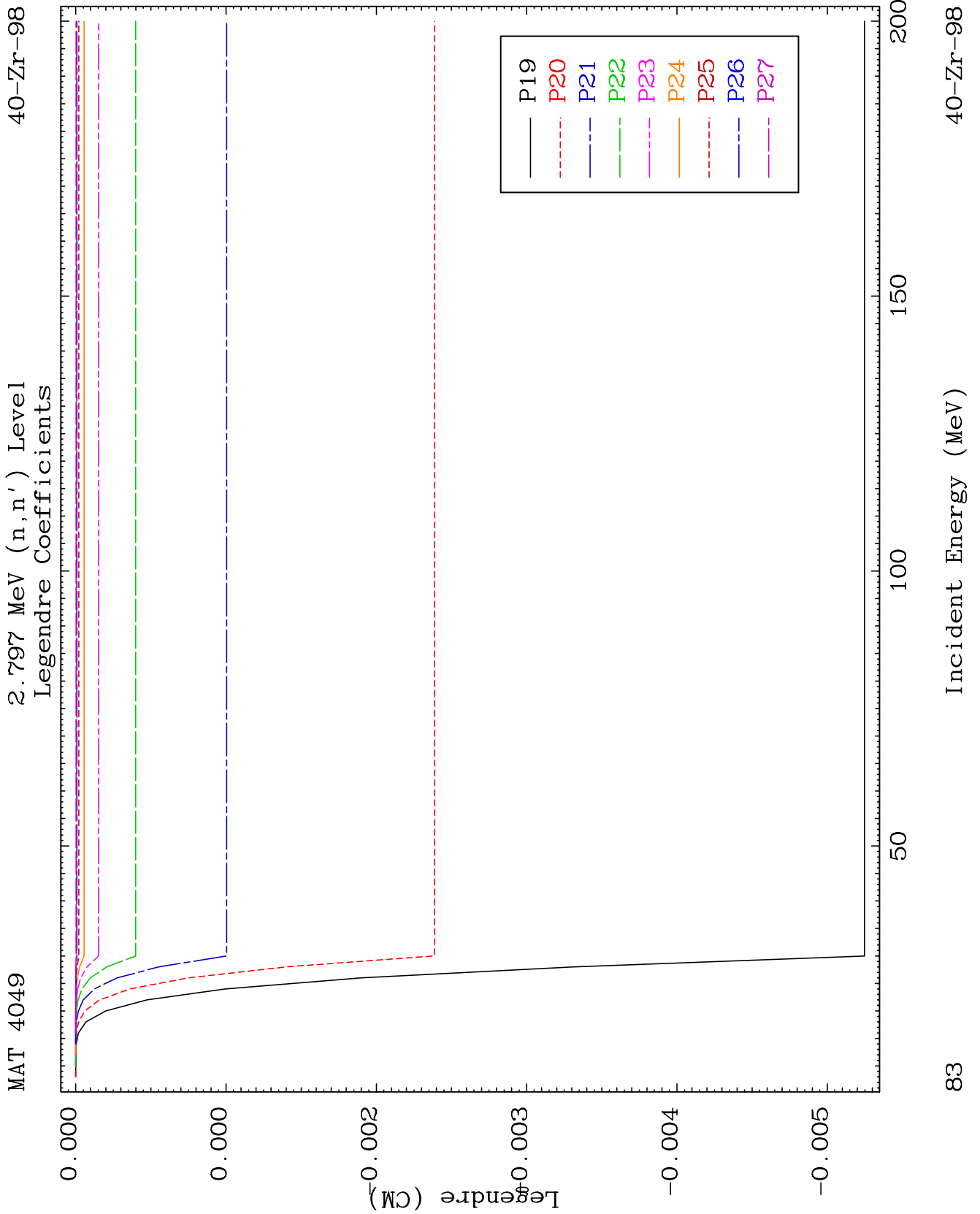
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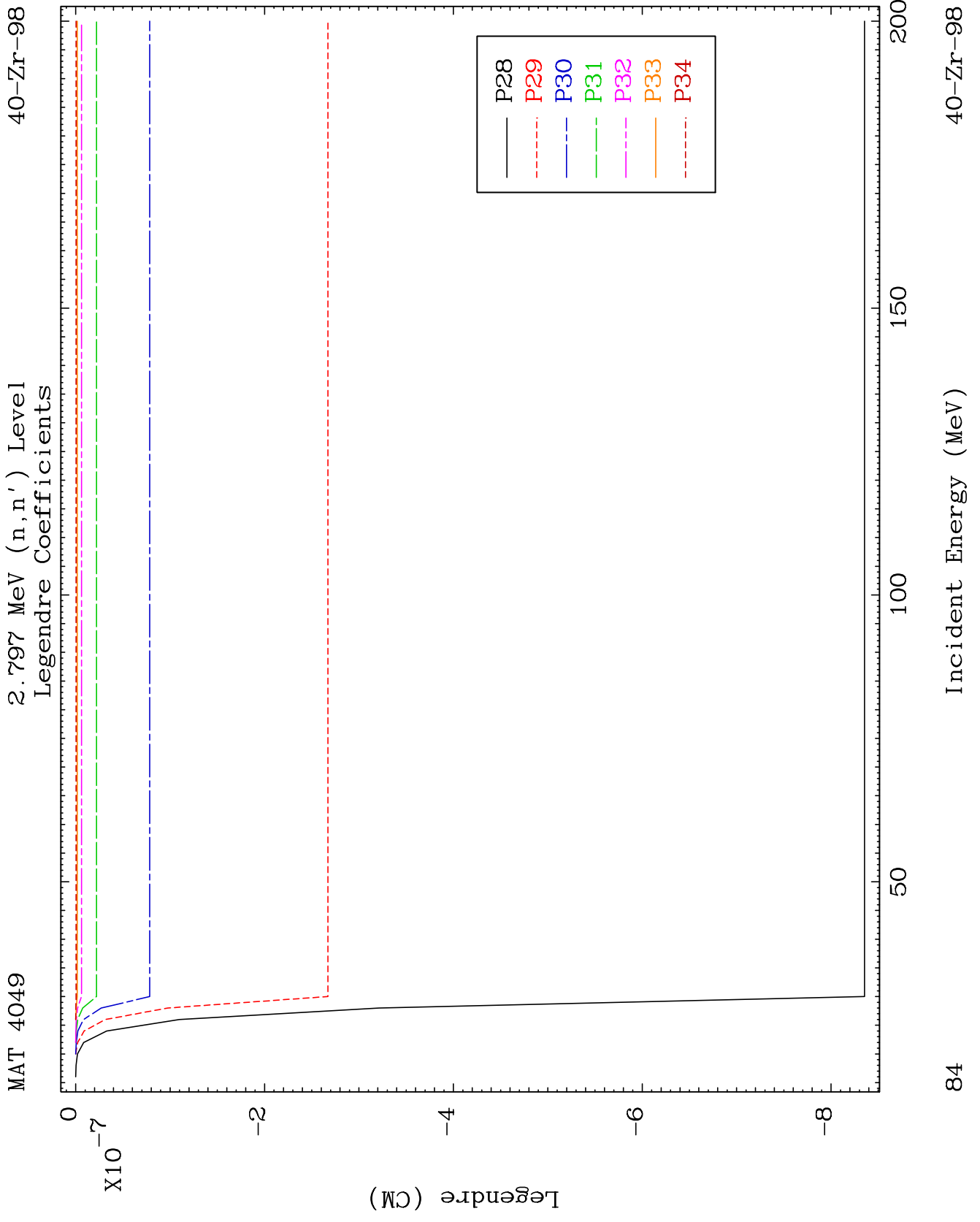


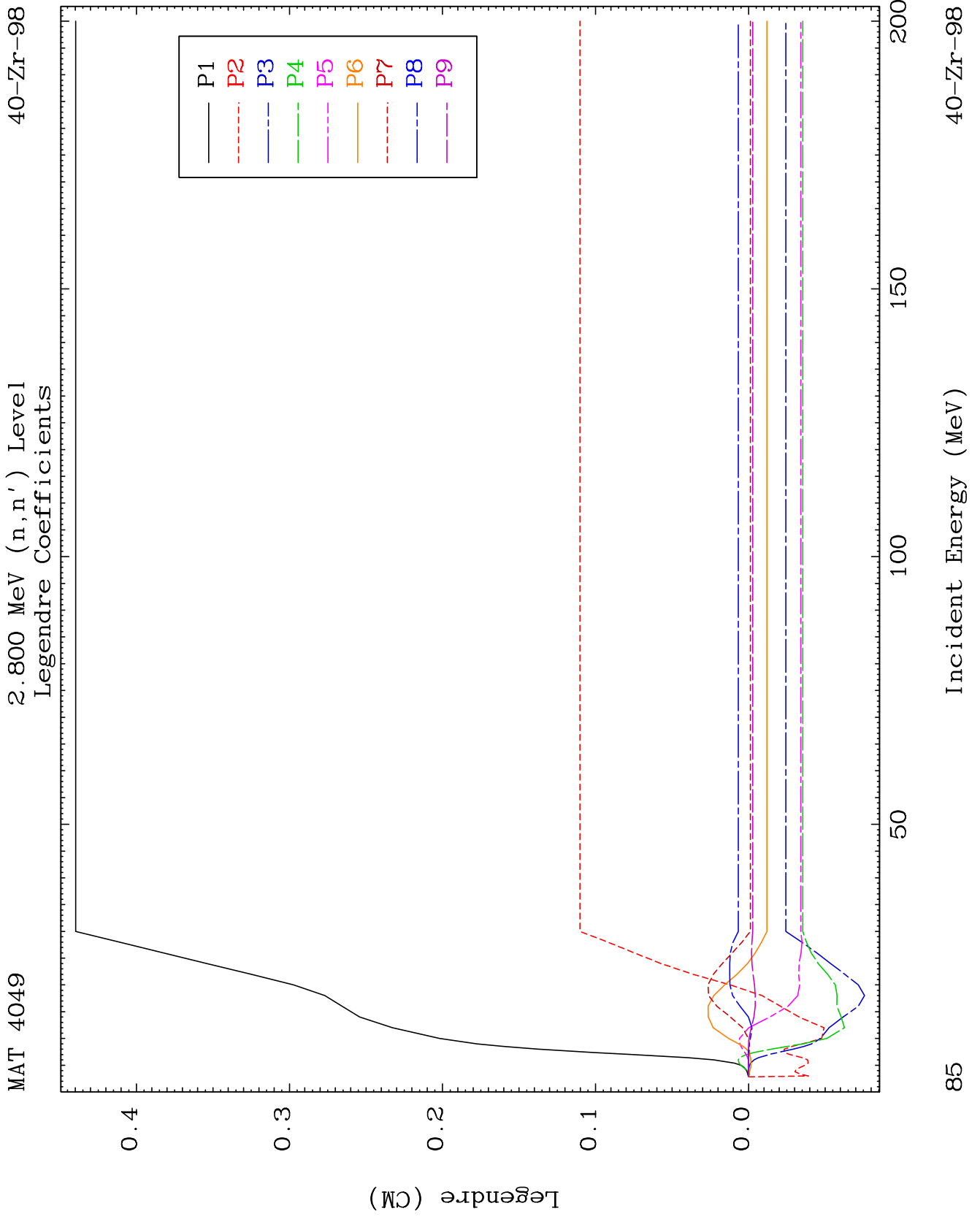
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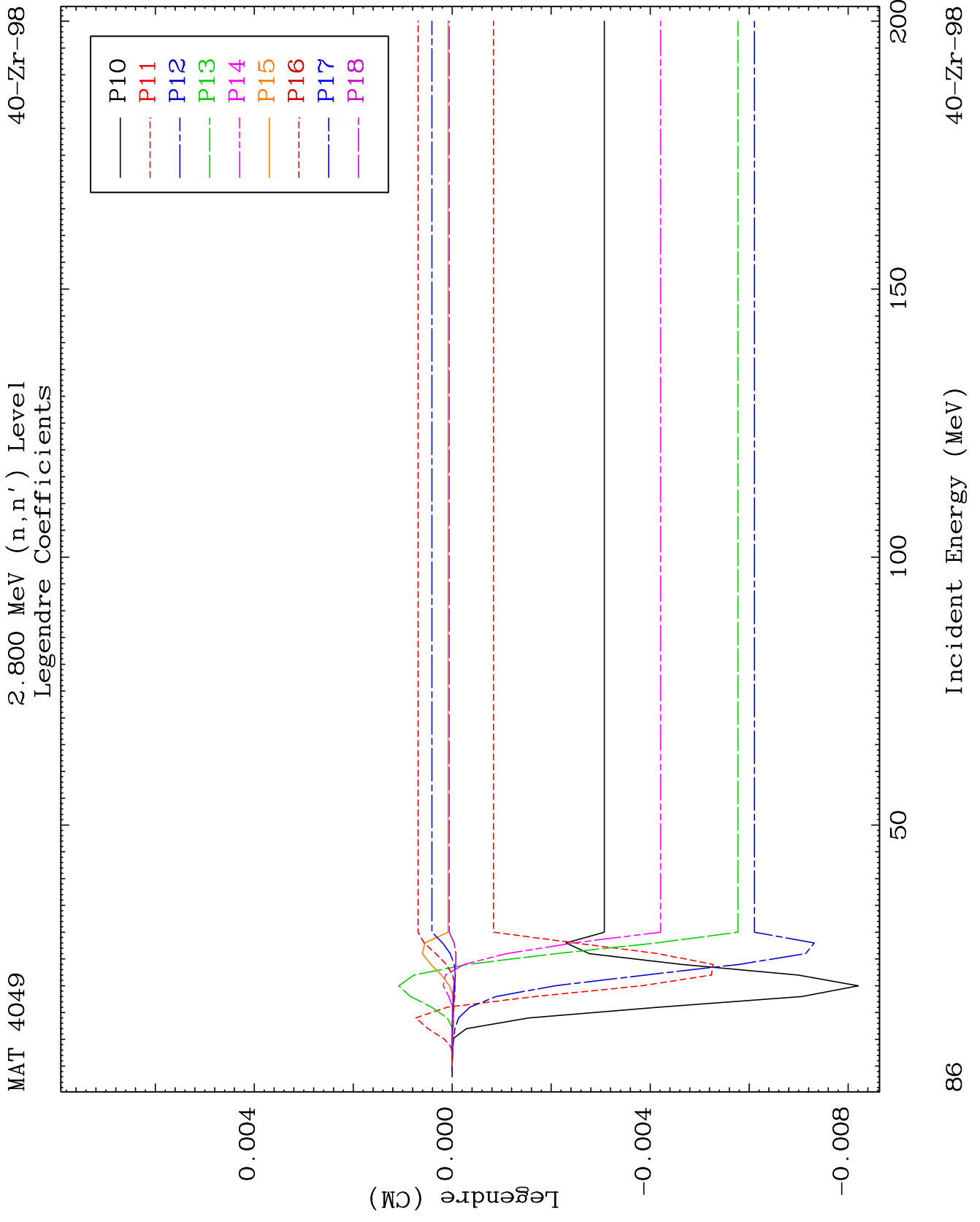
Incident Energy (MeV)

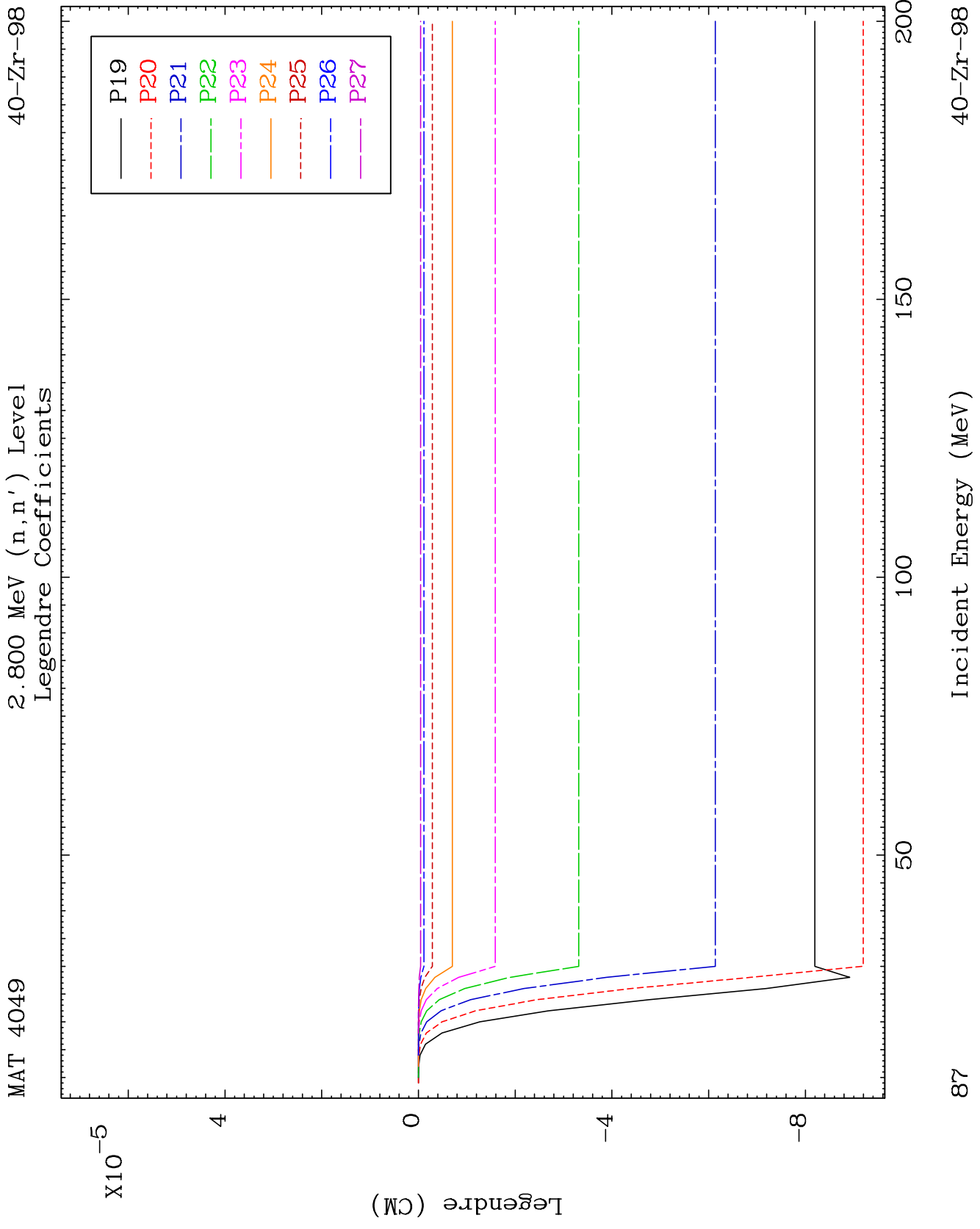
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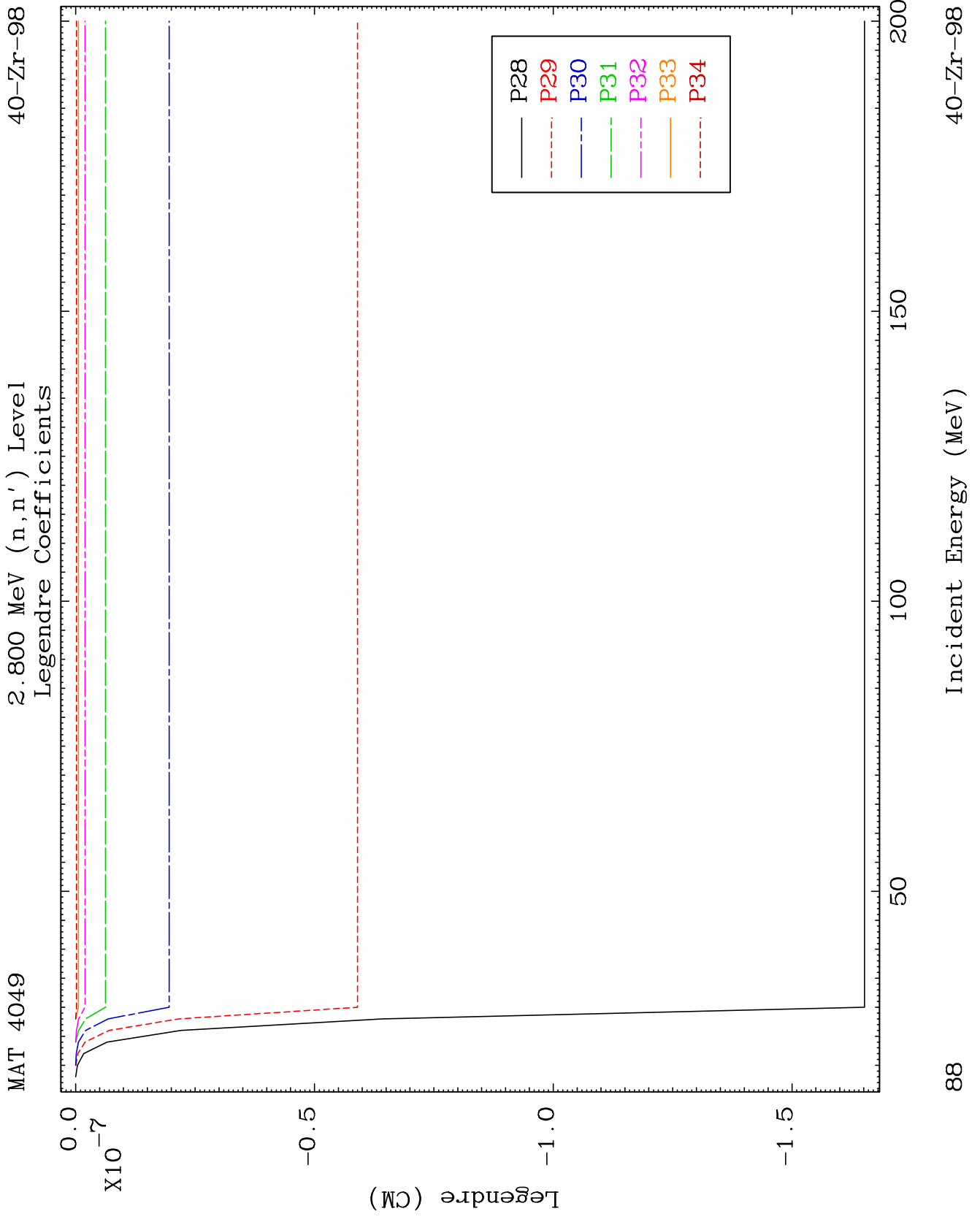


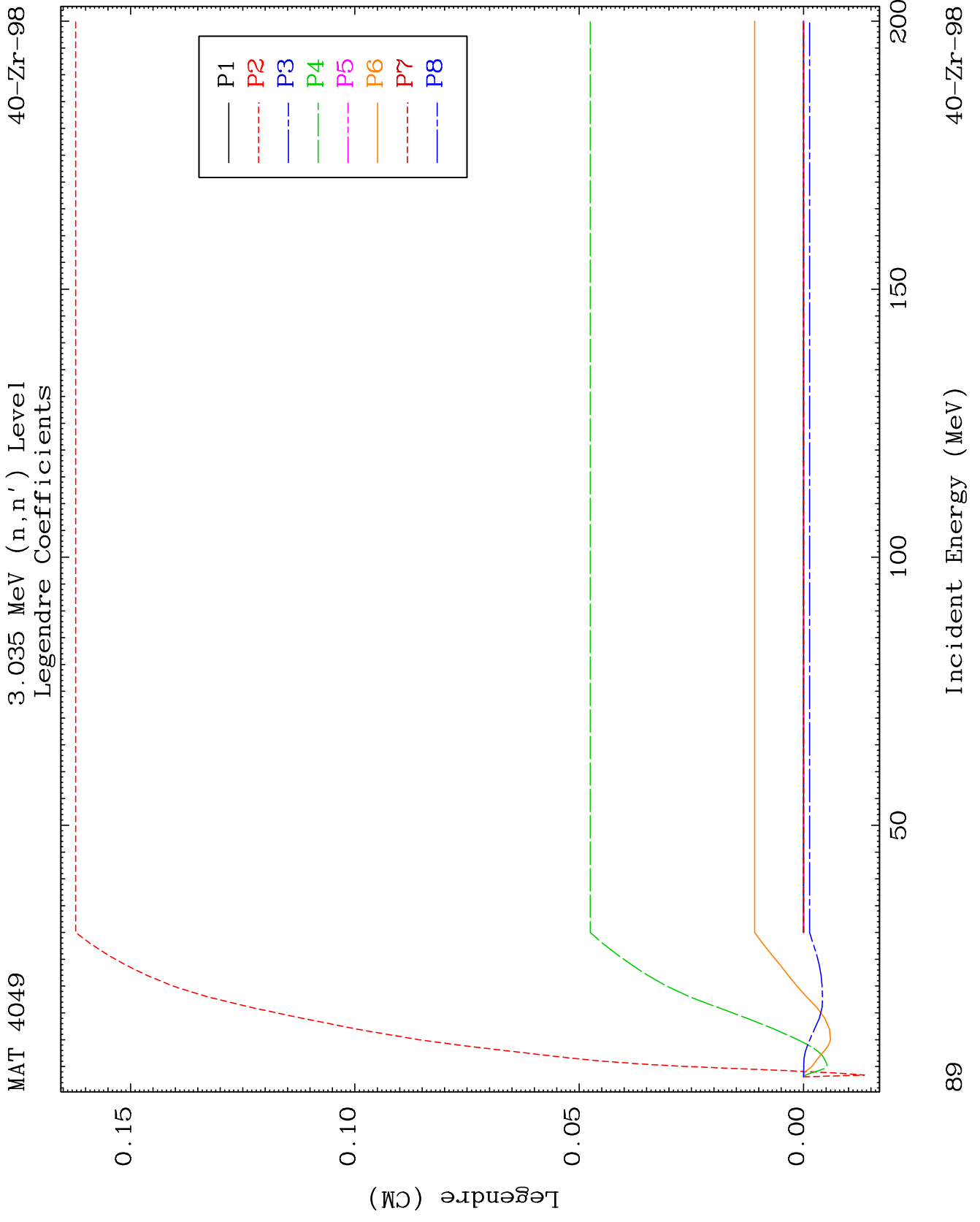


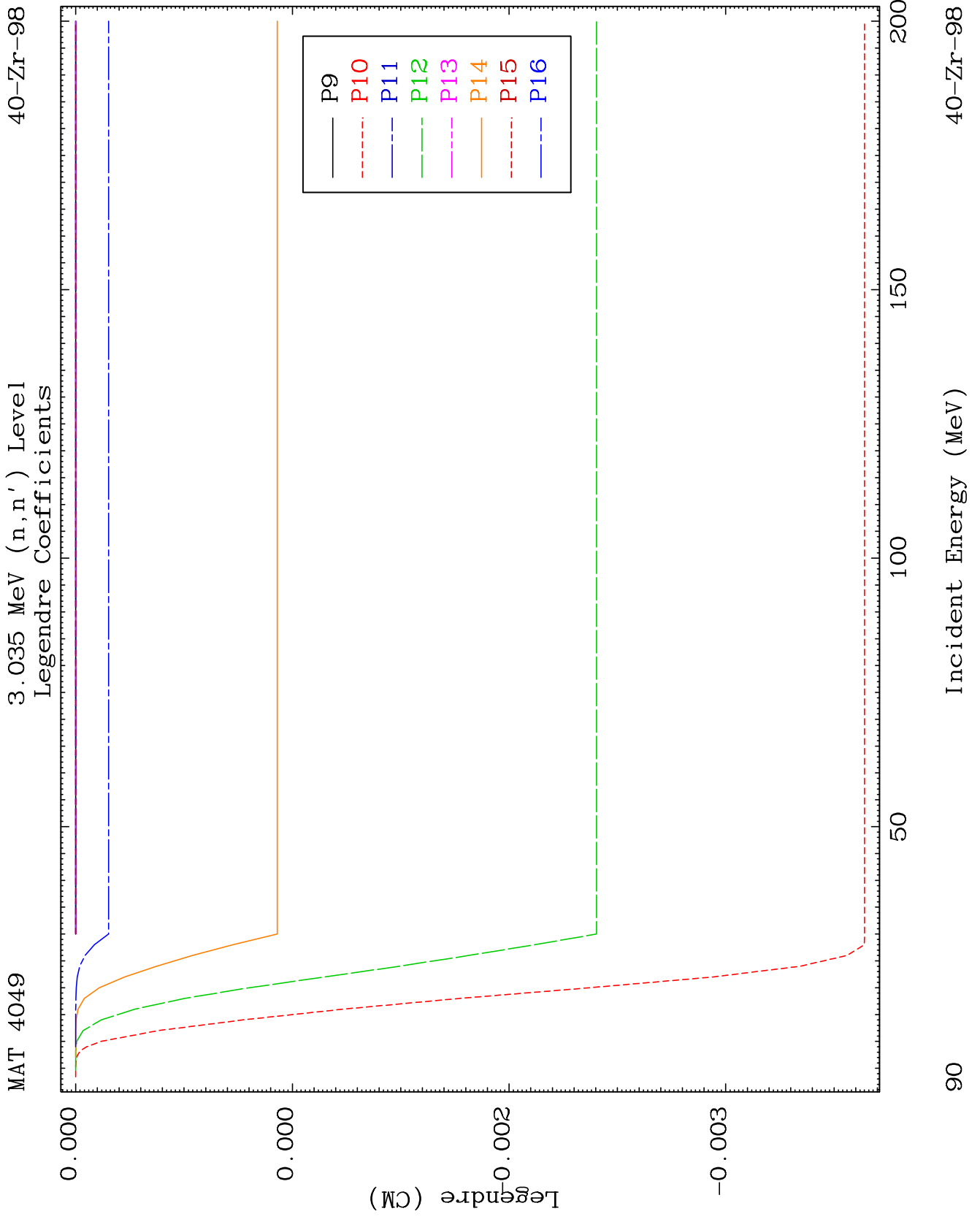










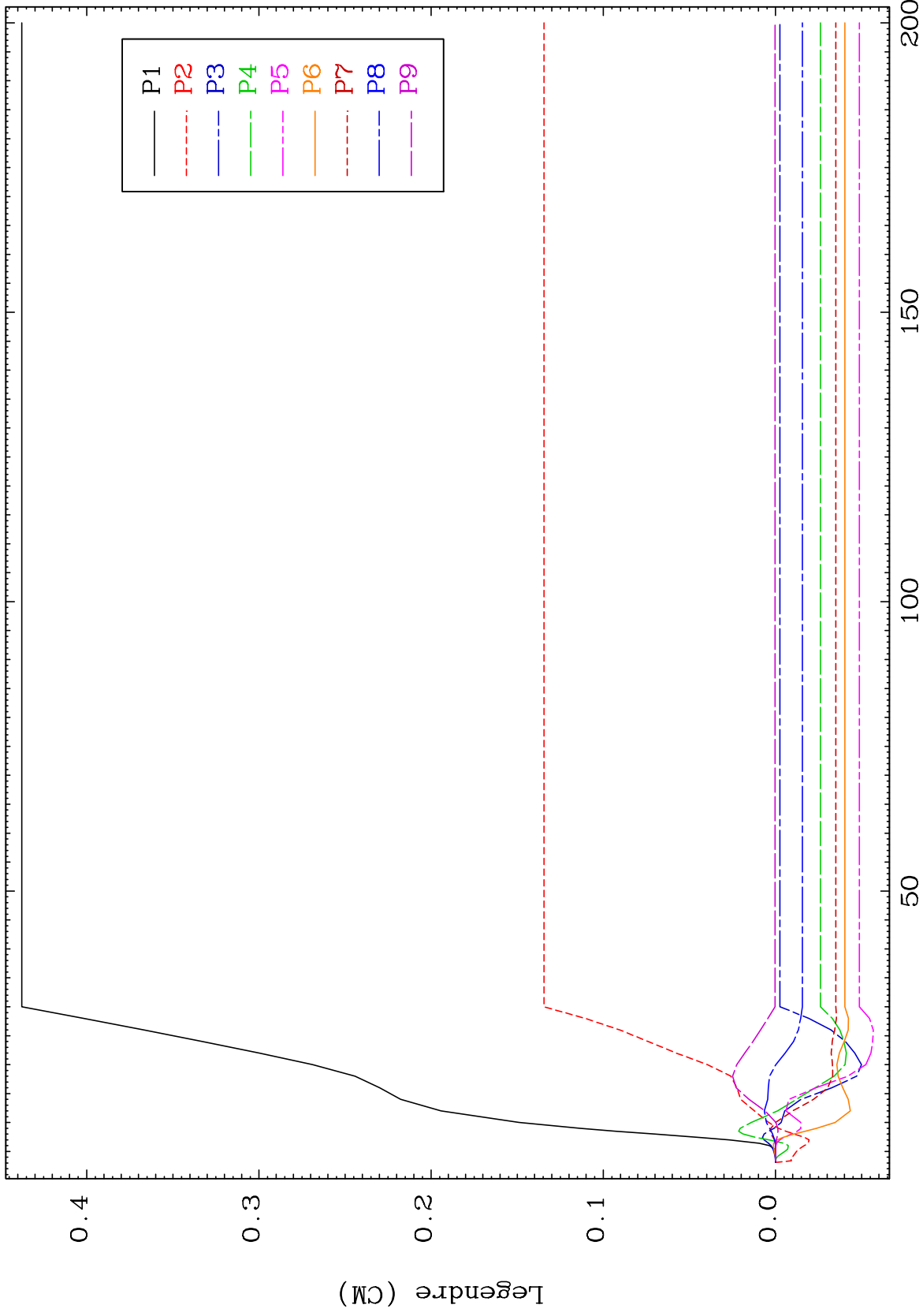




MAT 4049

3.064 MeV (n,n') Level  
Legendre Coefficients

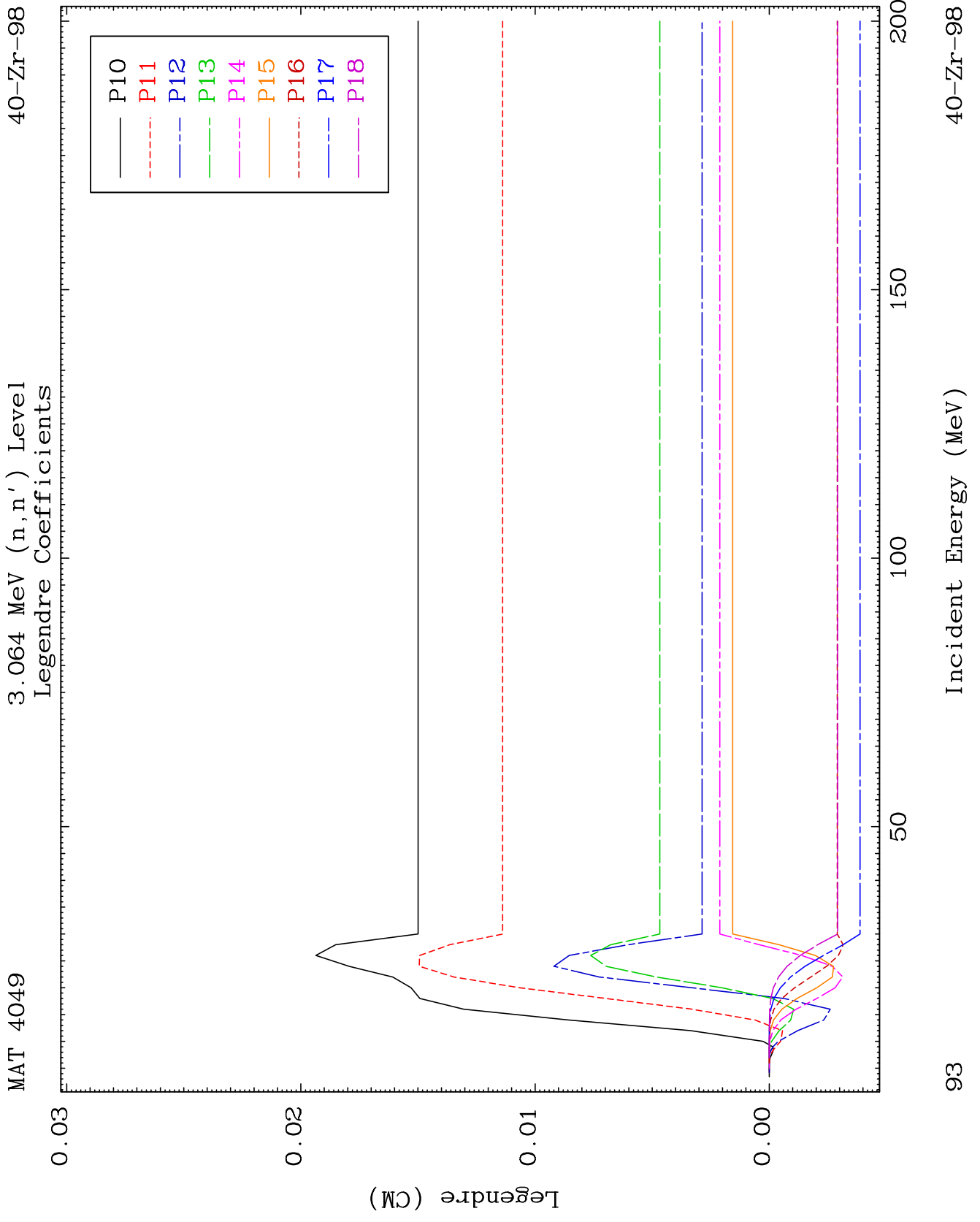
40-Zr-98

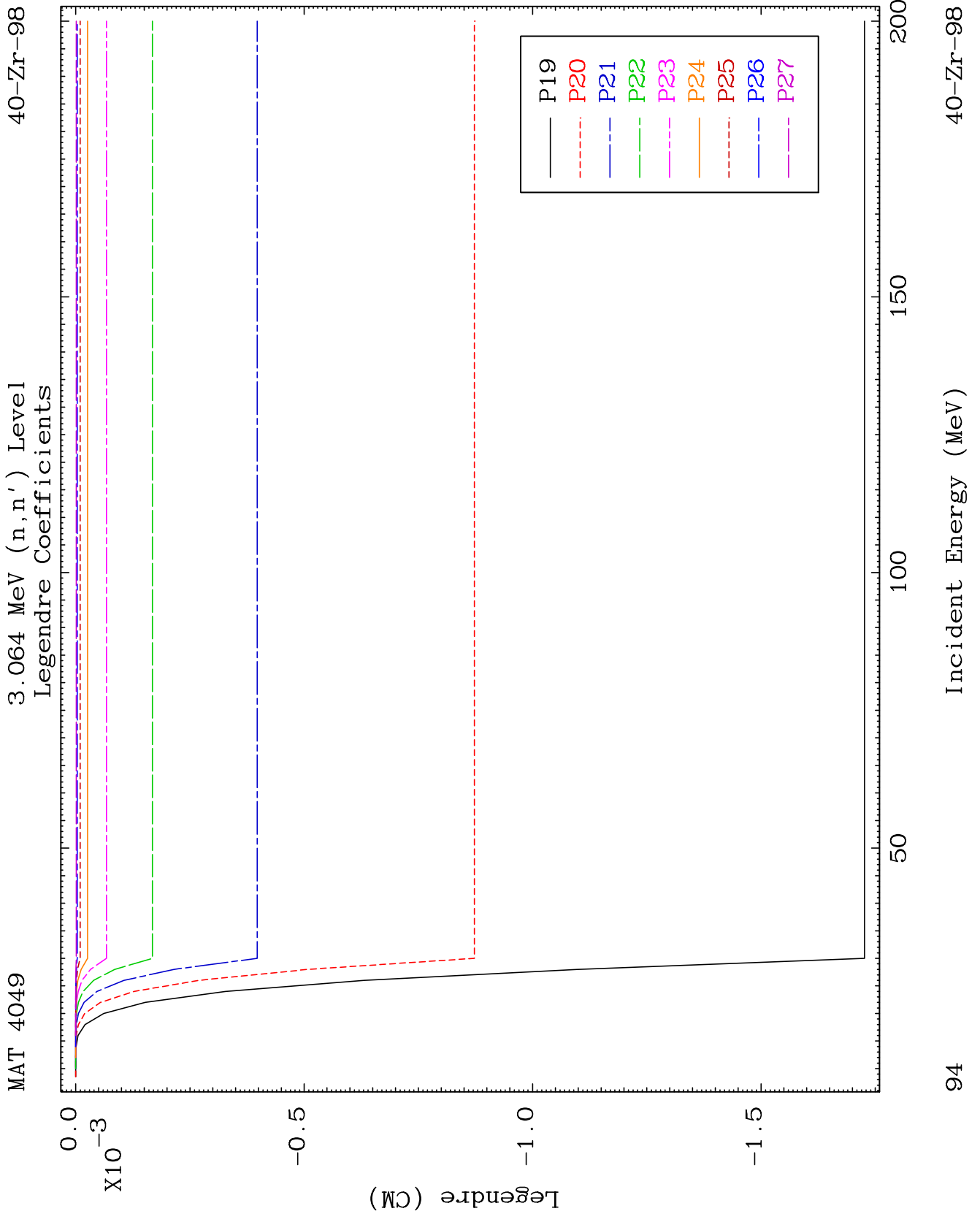


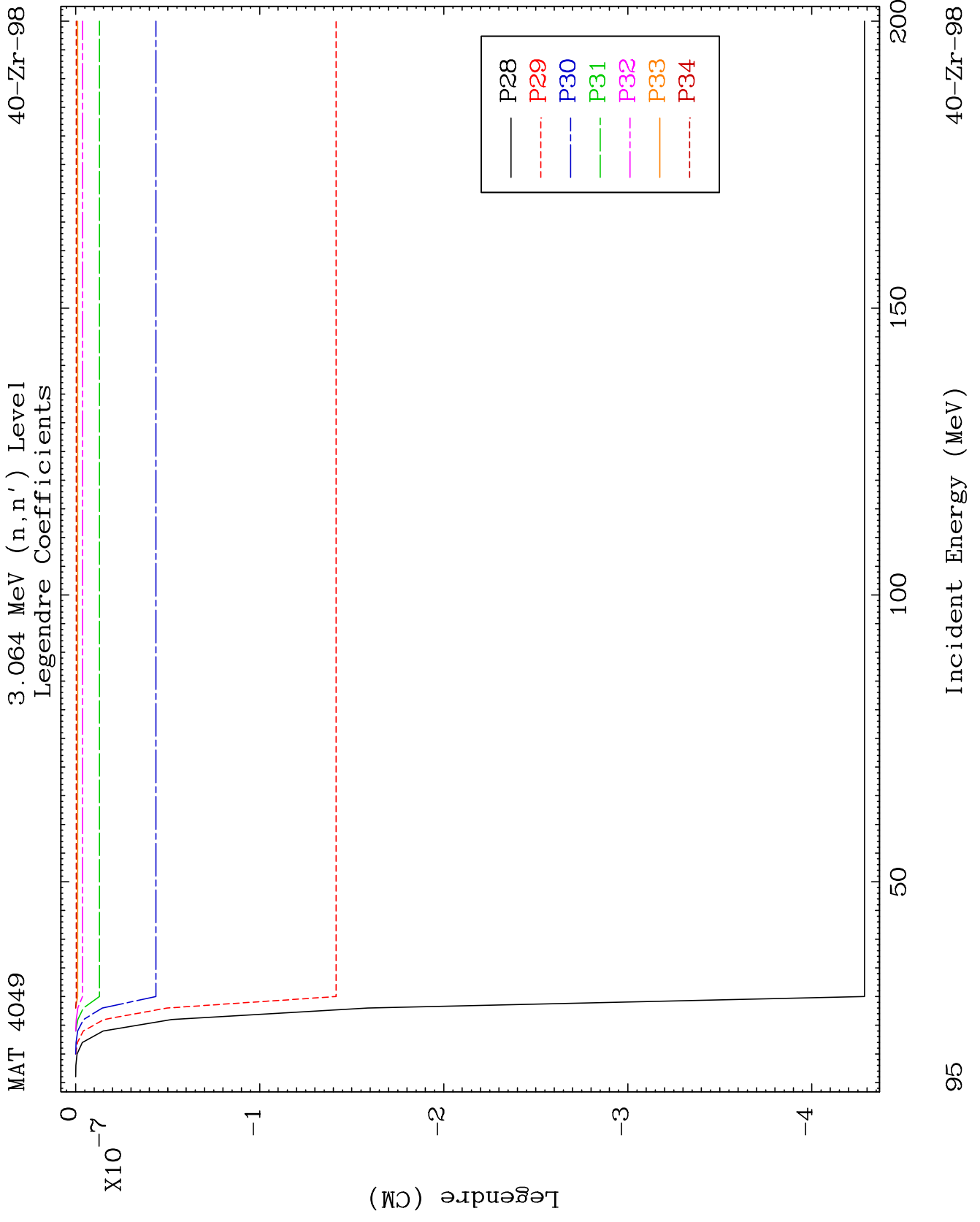
92

Incident Energy (MeV)

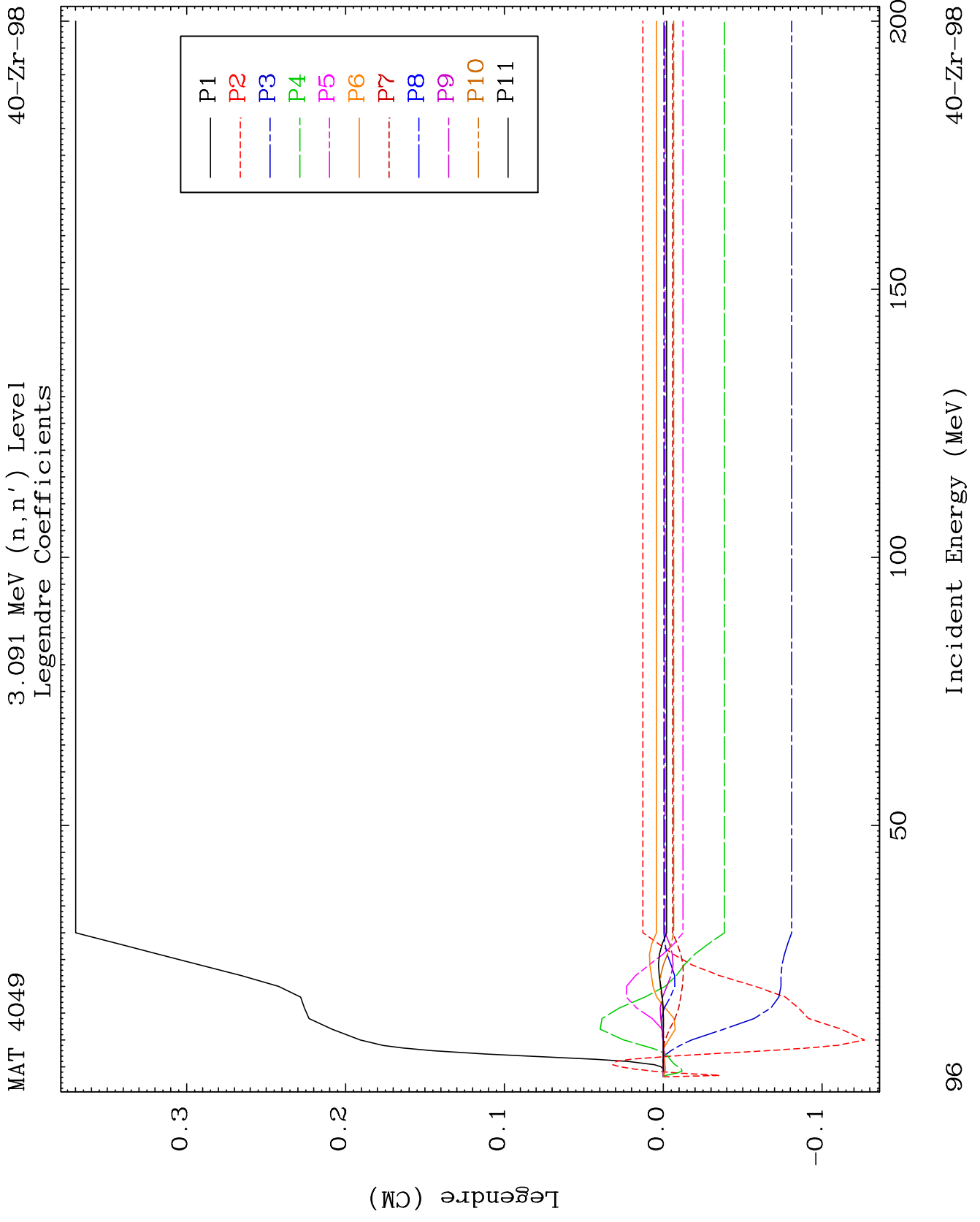
40-Zr-98

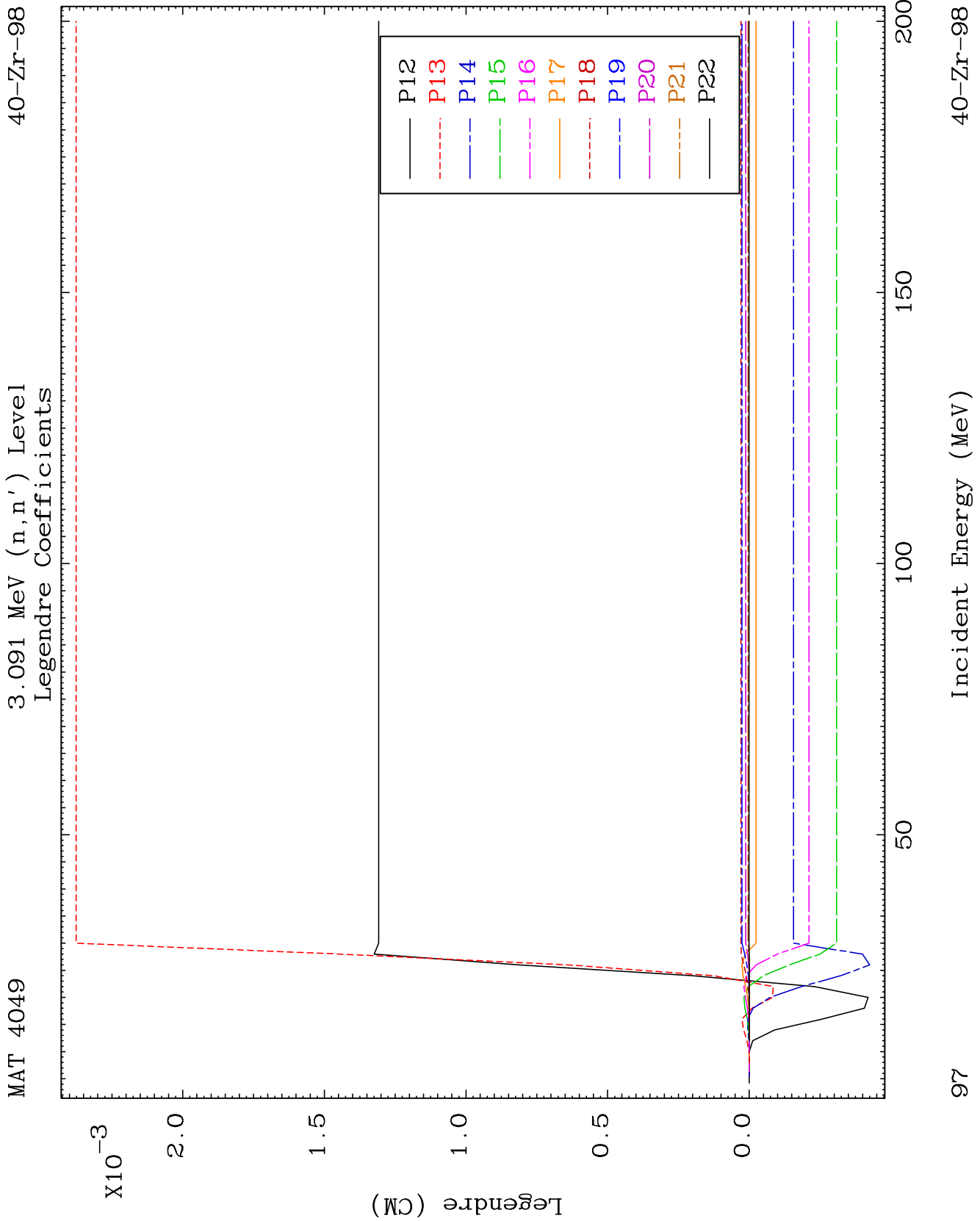


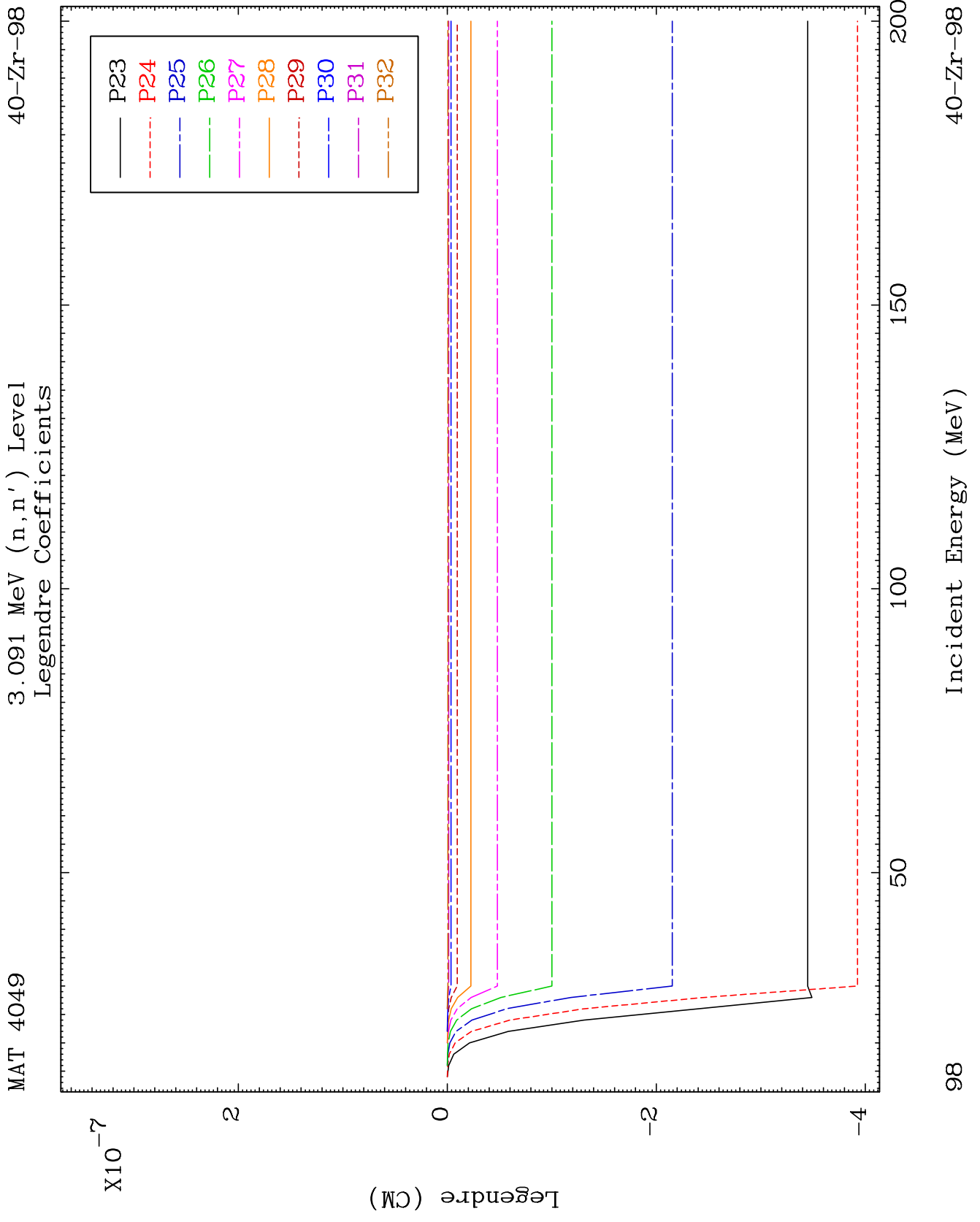


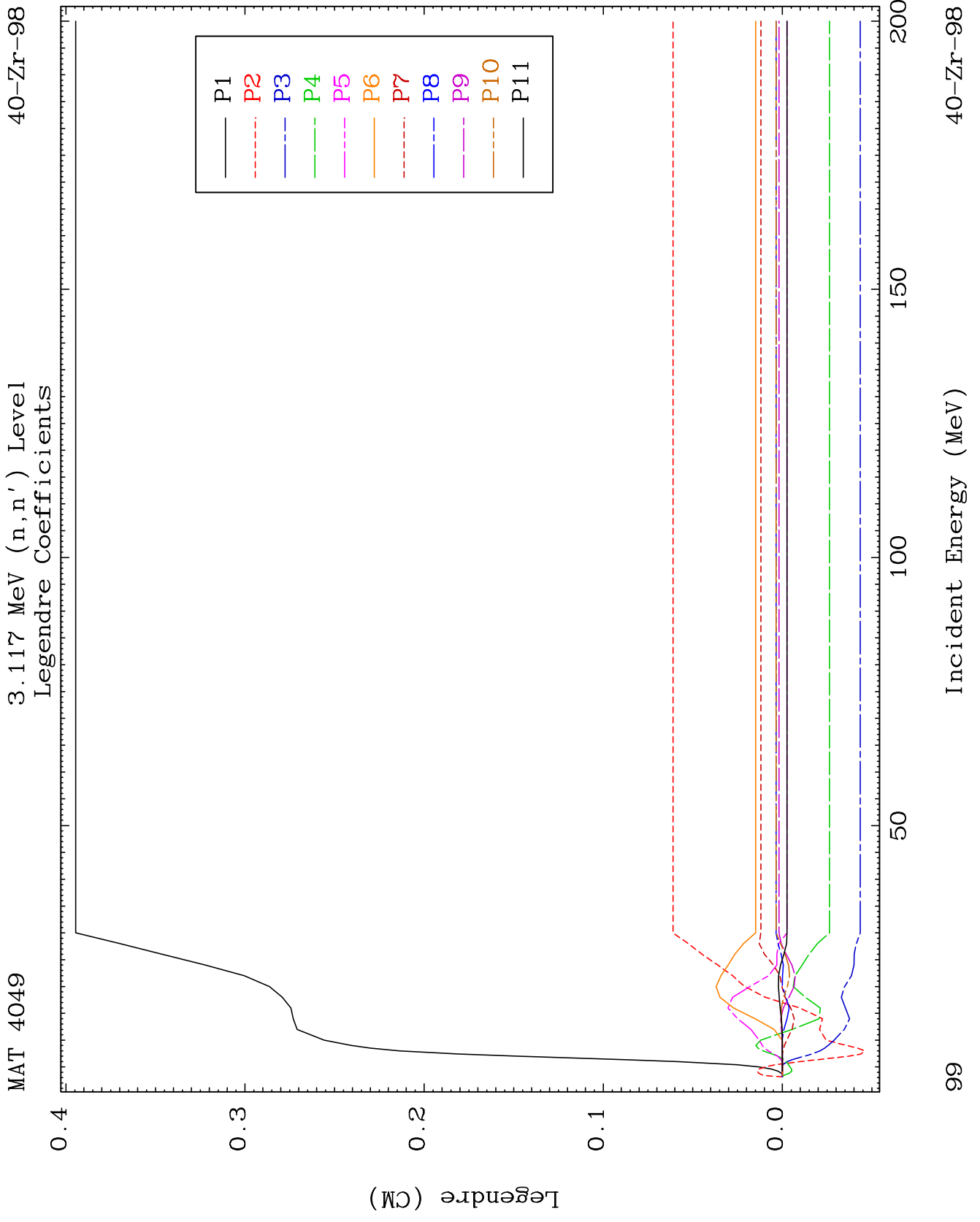


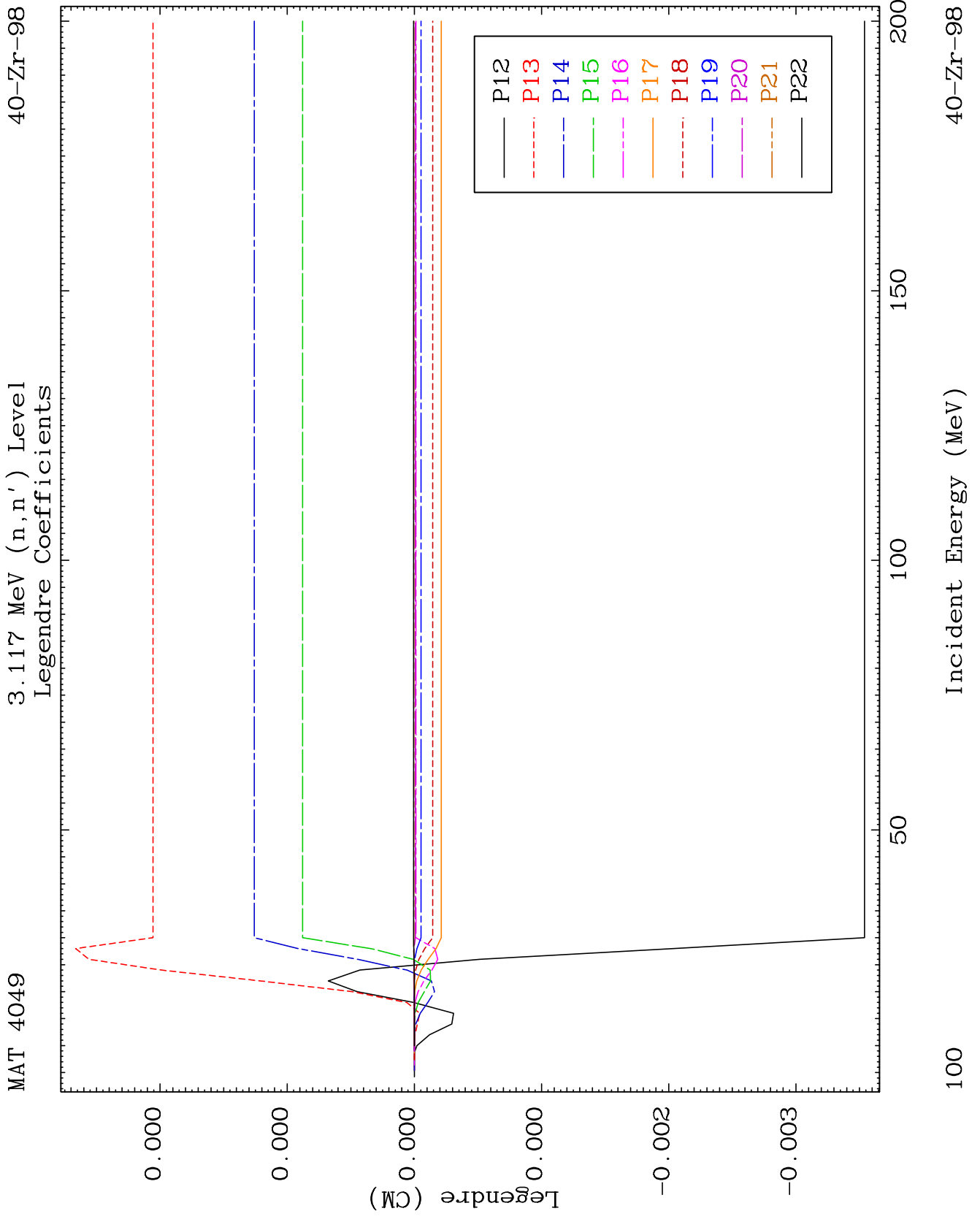


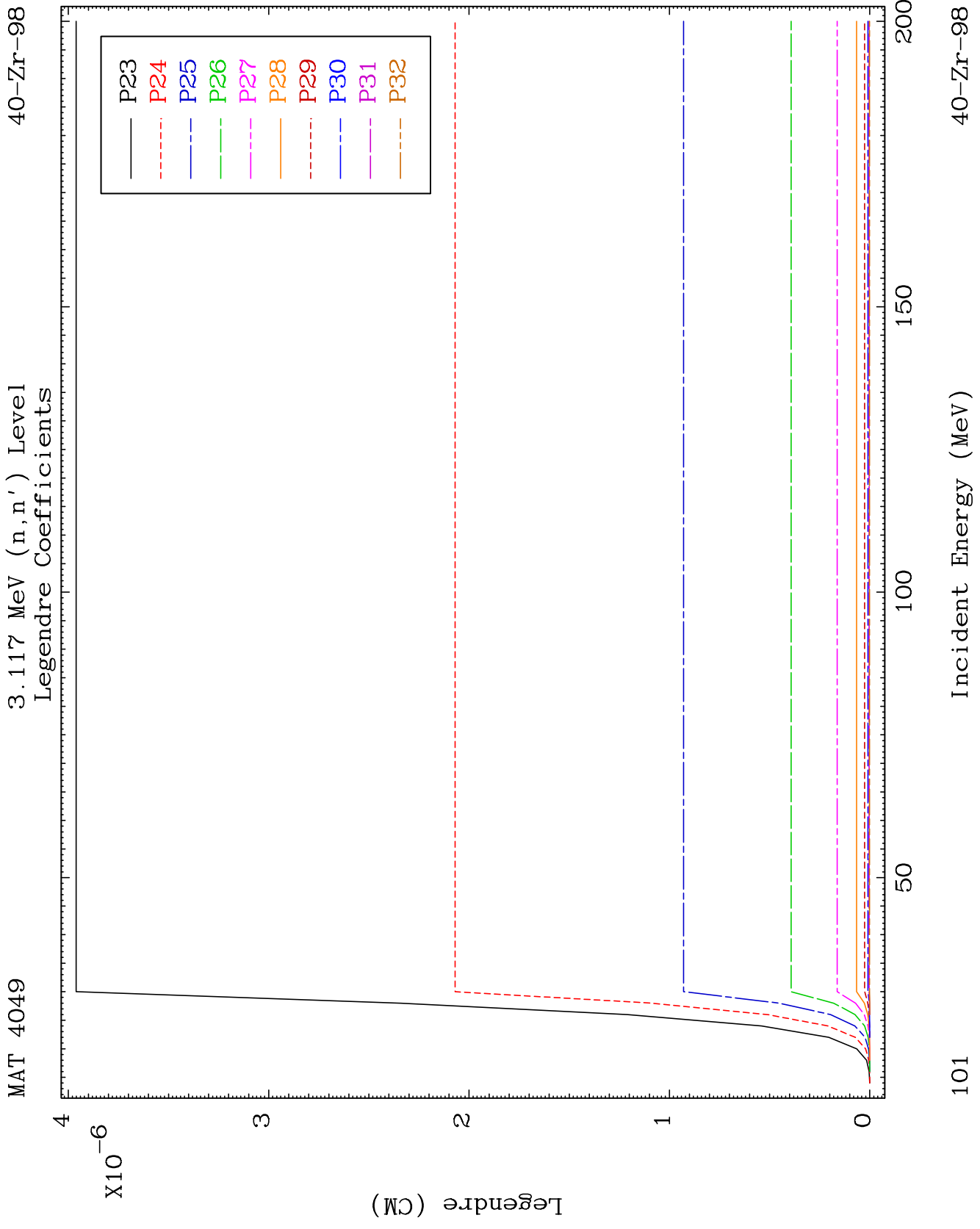


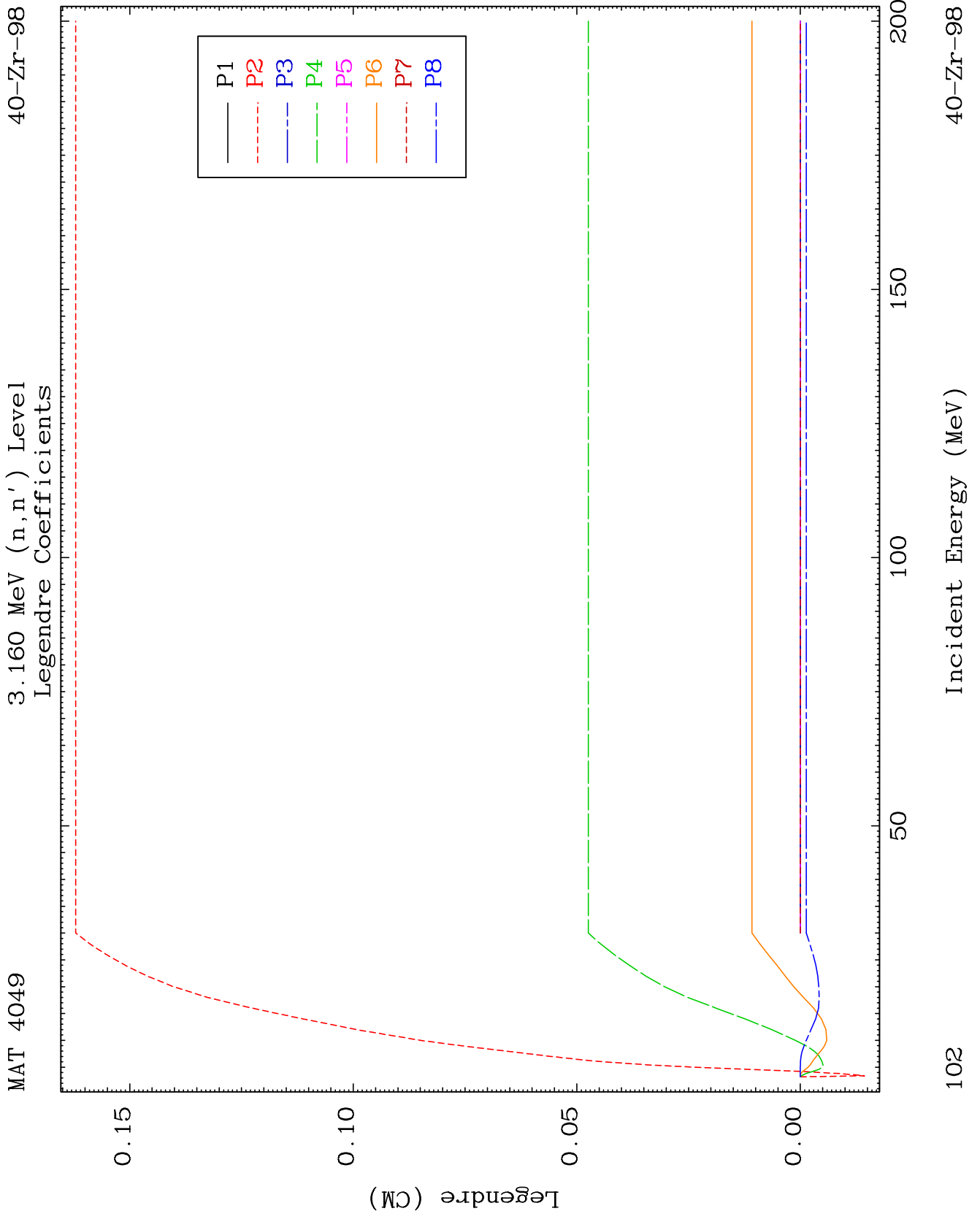


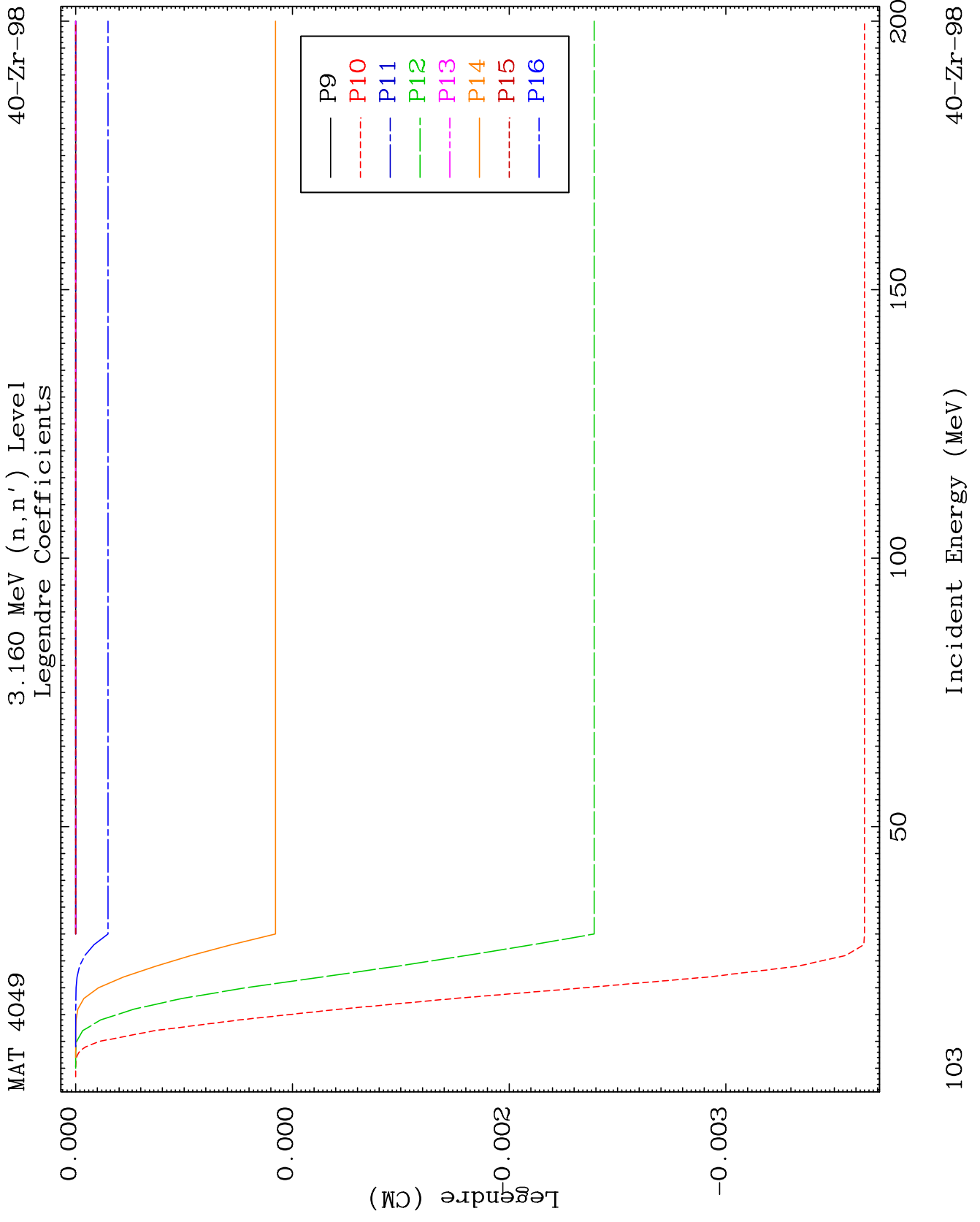




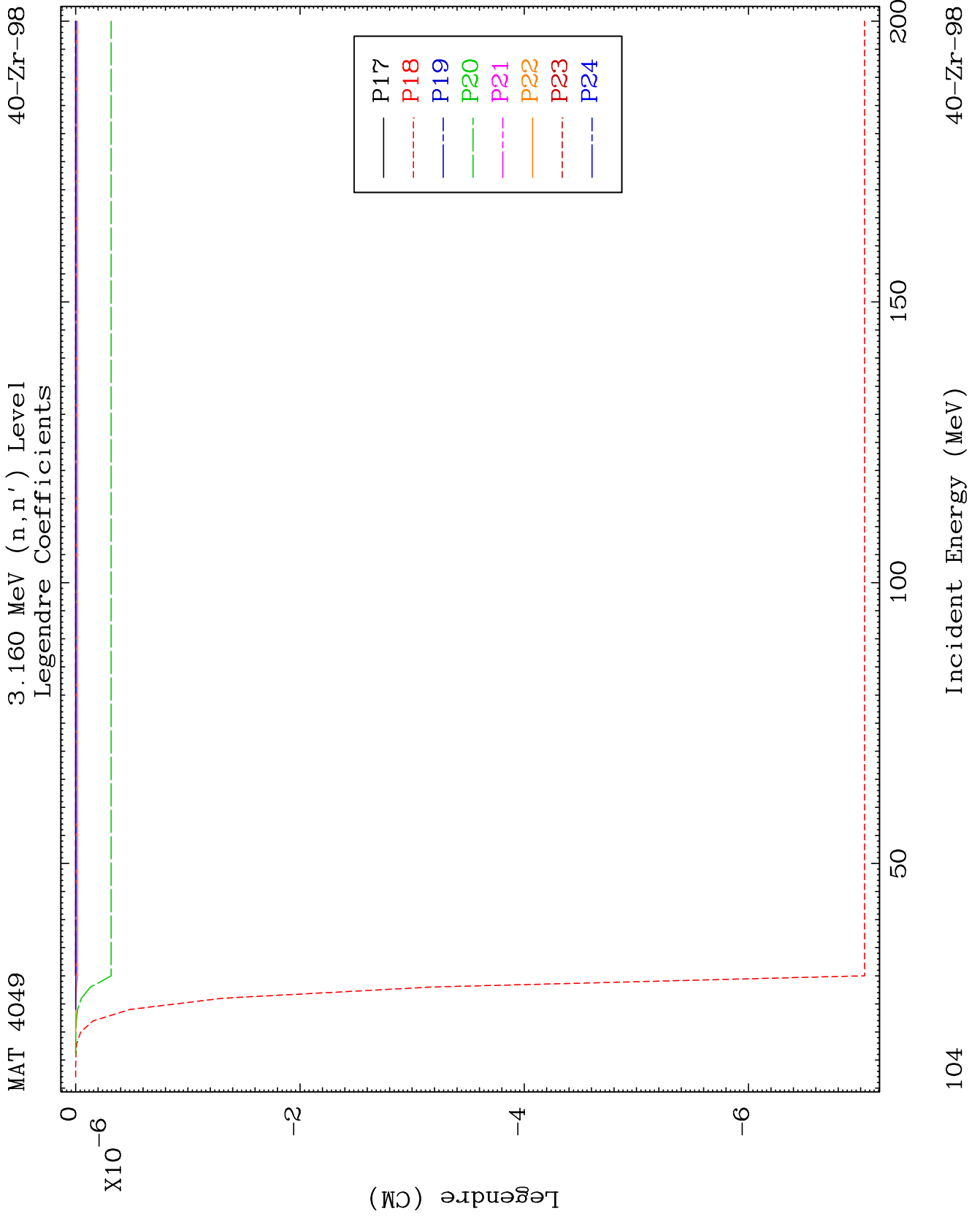


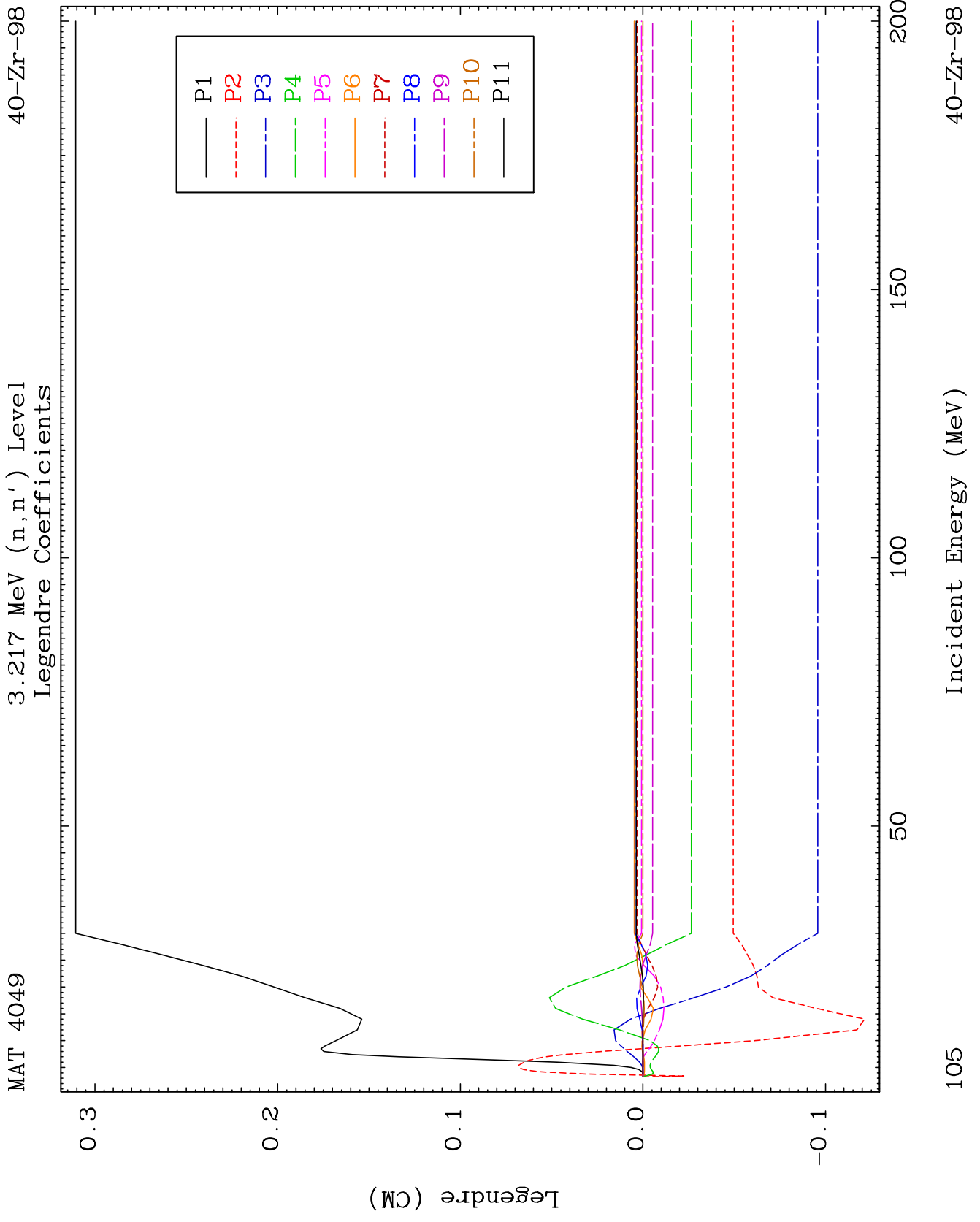


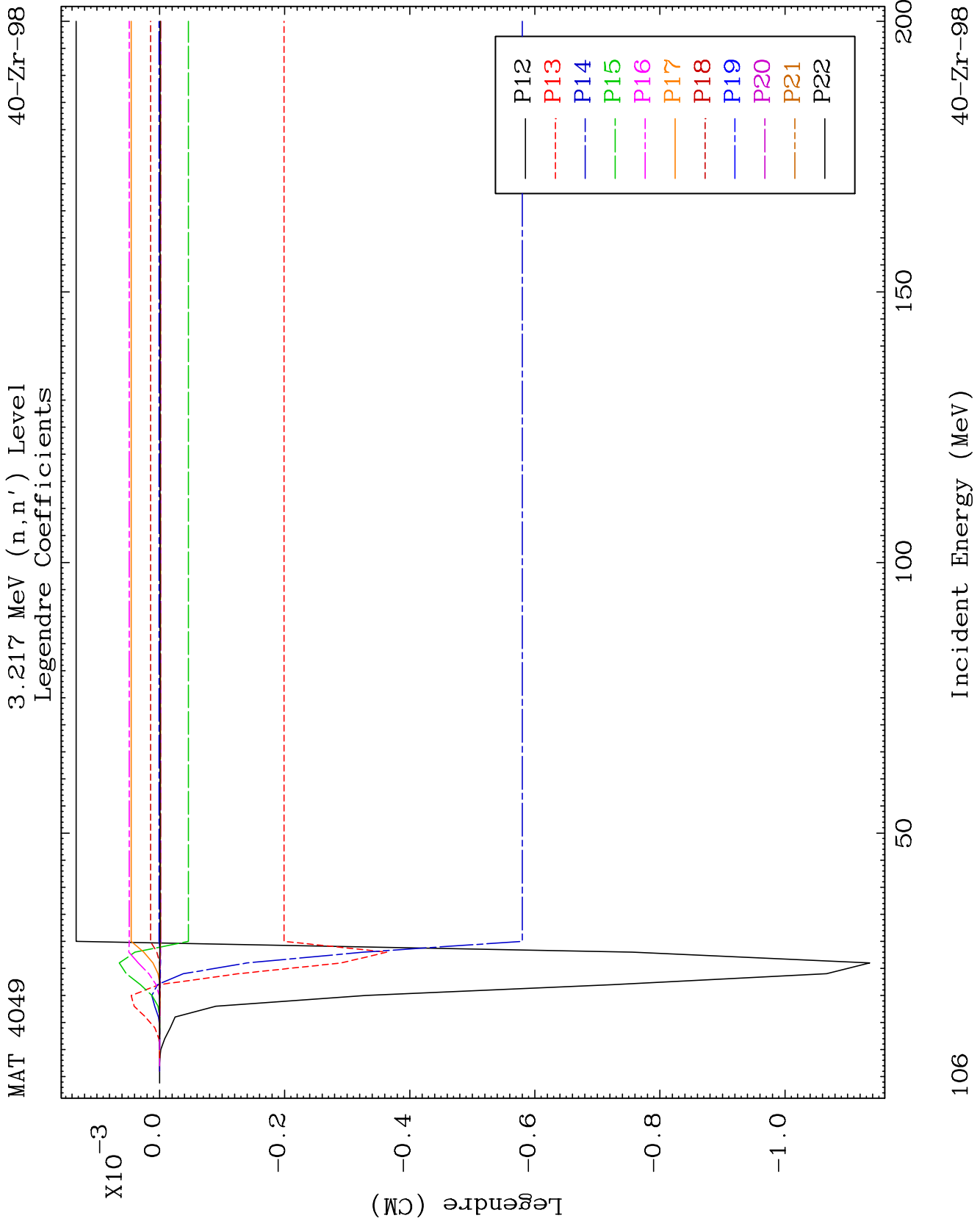


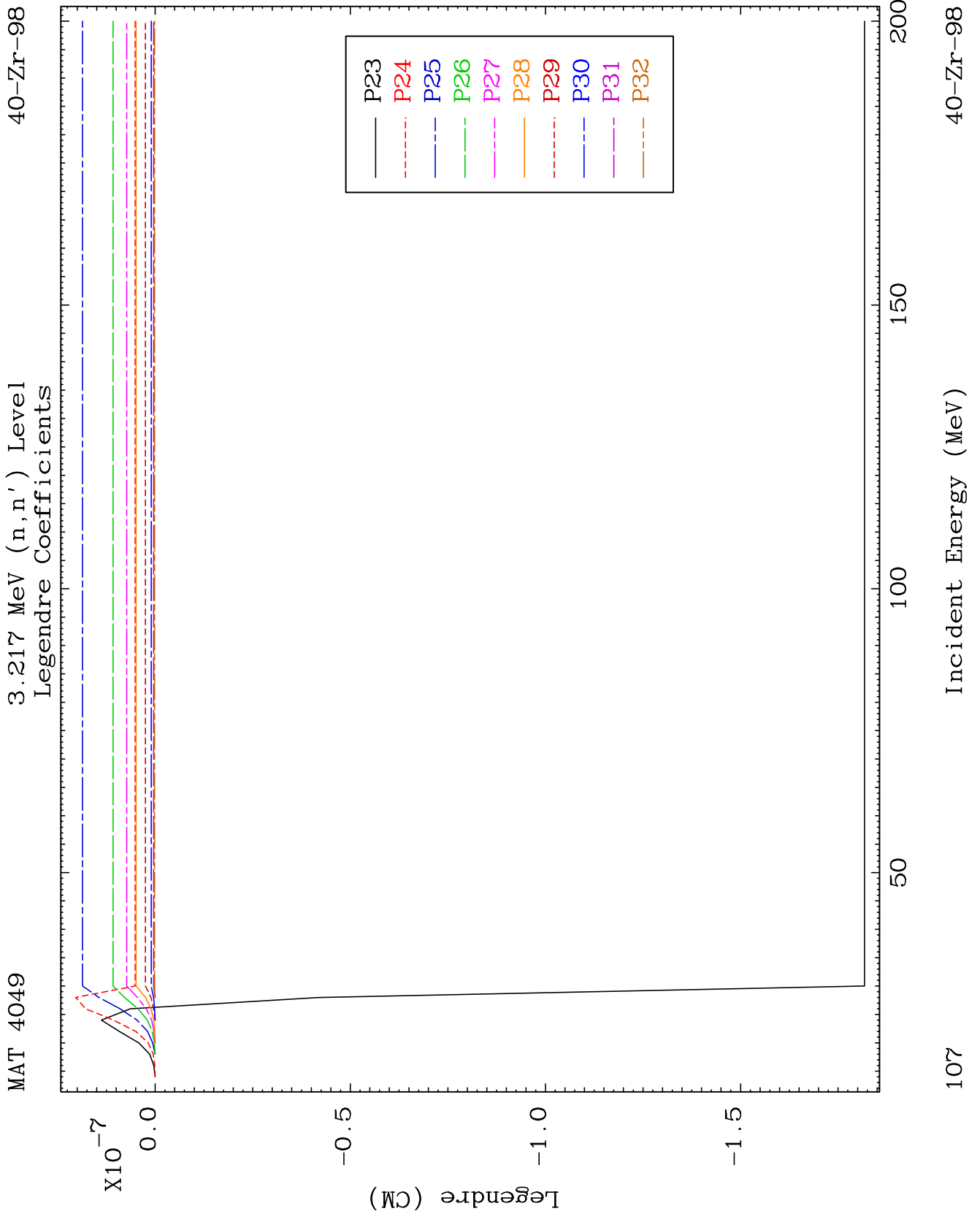










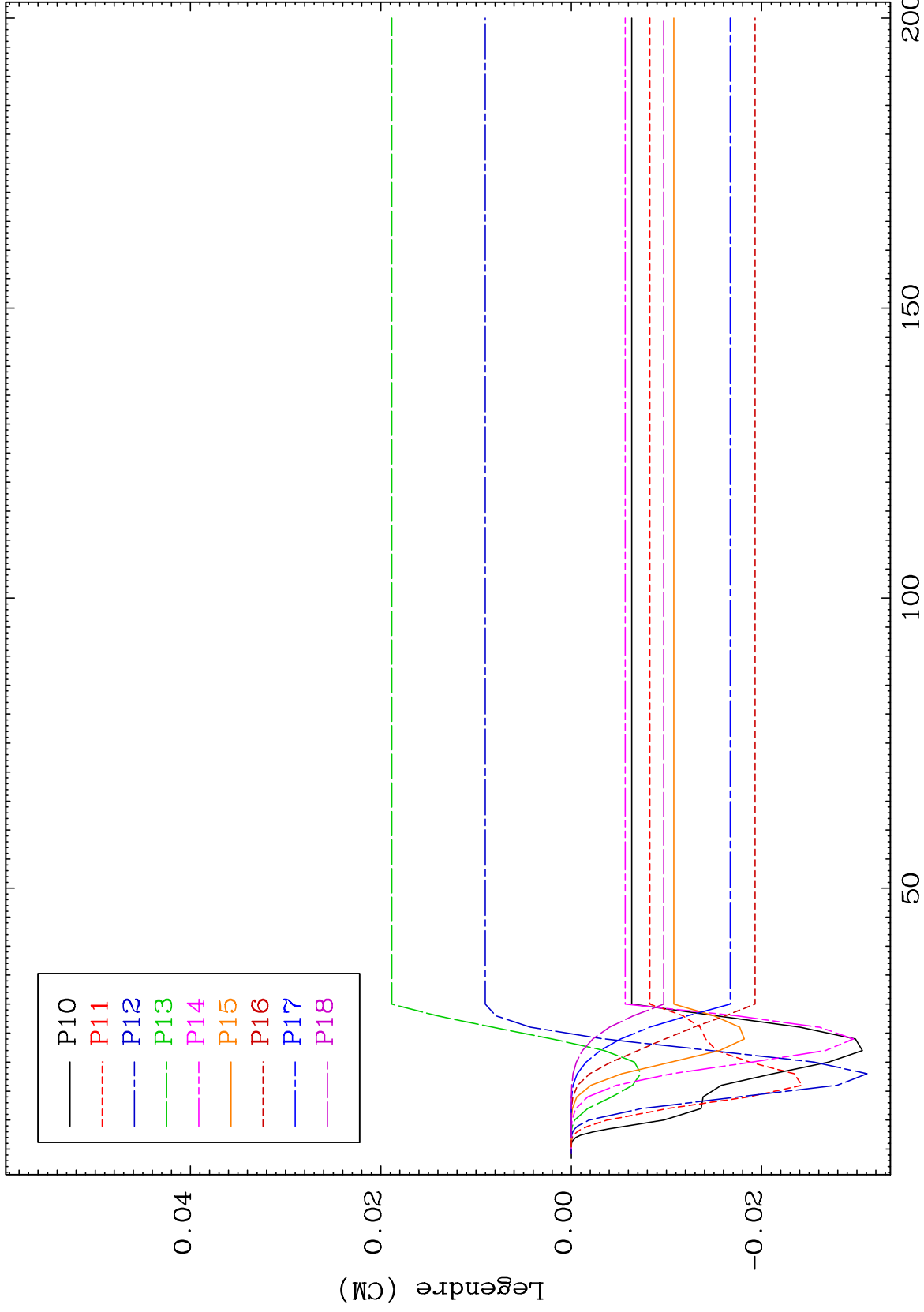




MAT 4049

3.249 MeV (n,n') Level  
Legendre Coefficients

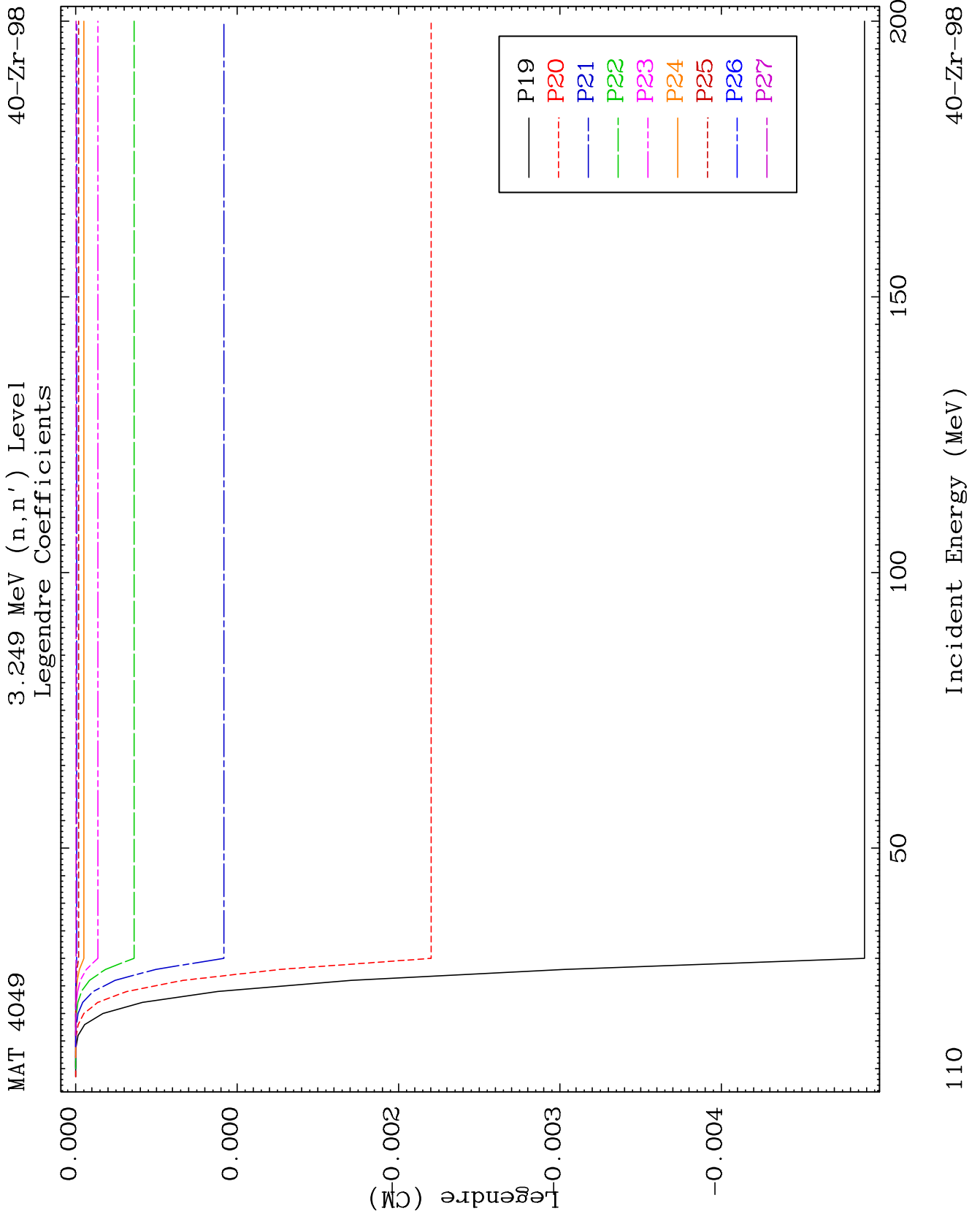
40-Zr-98

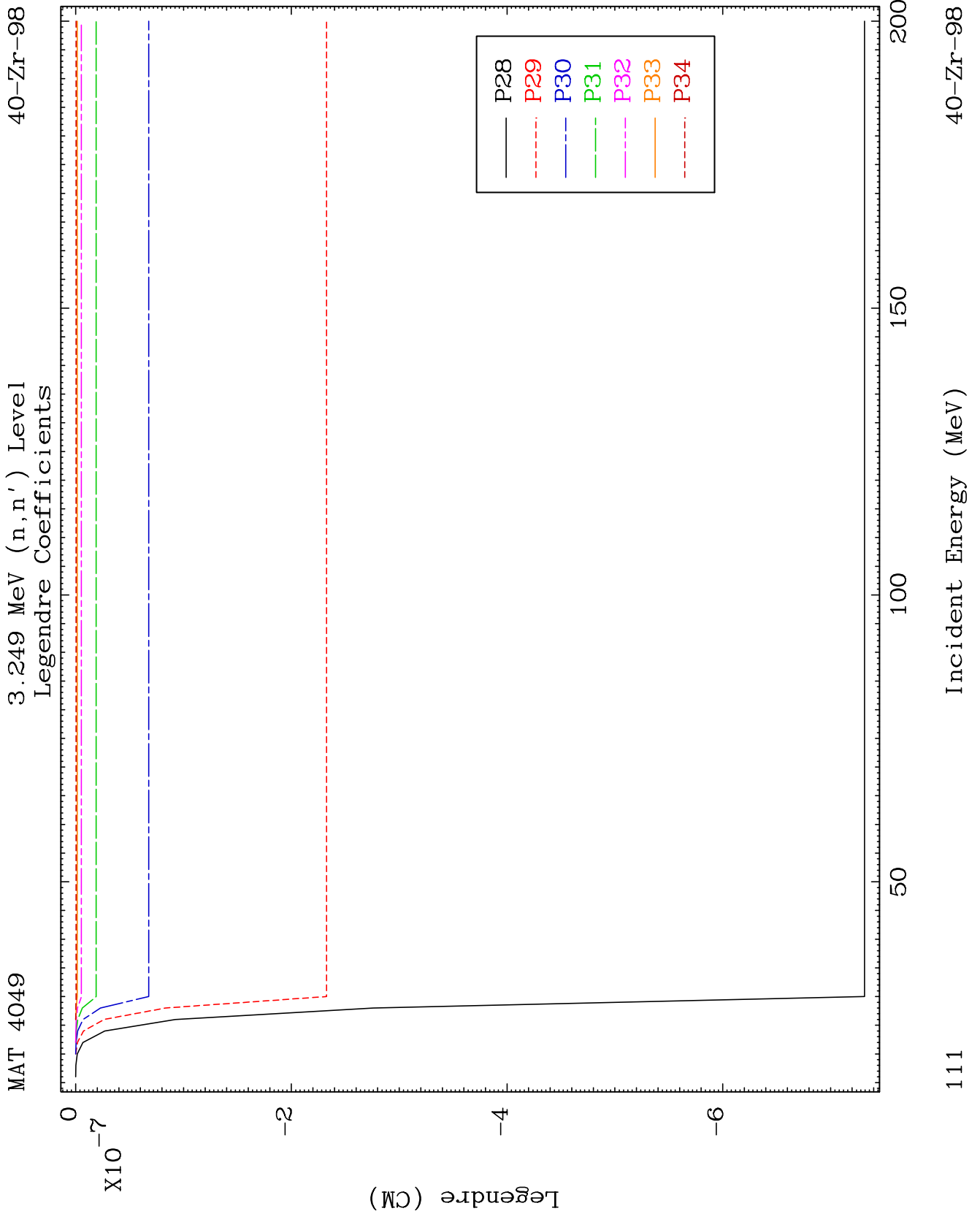


109

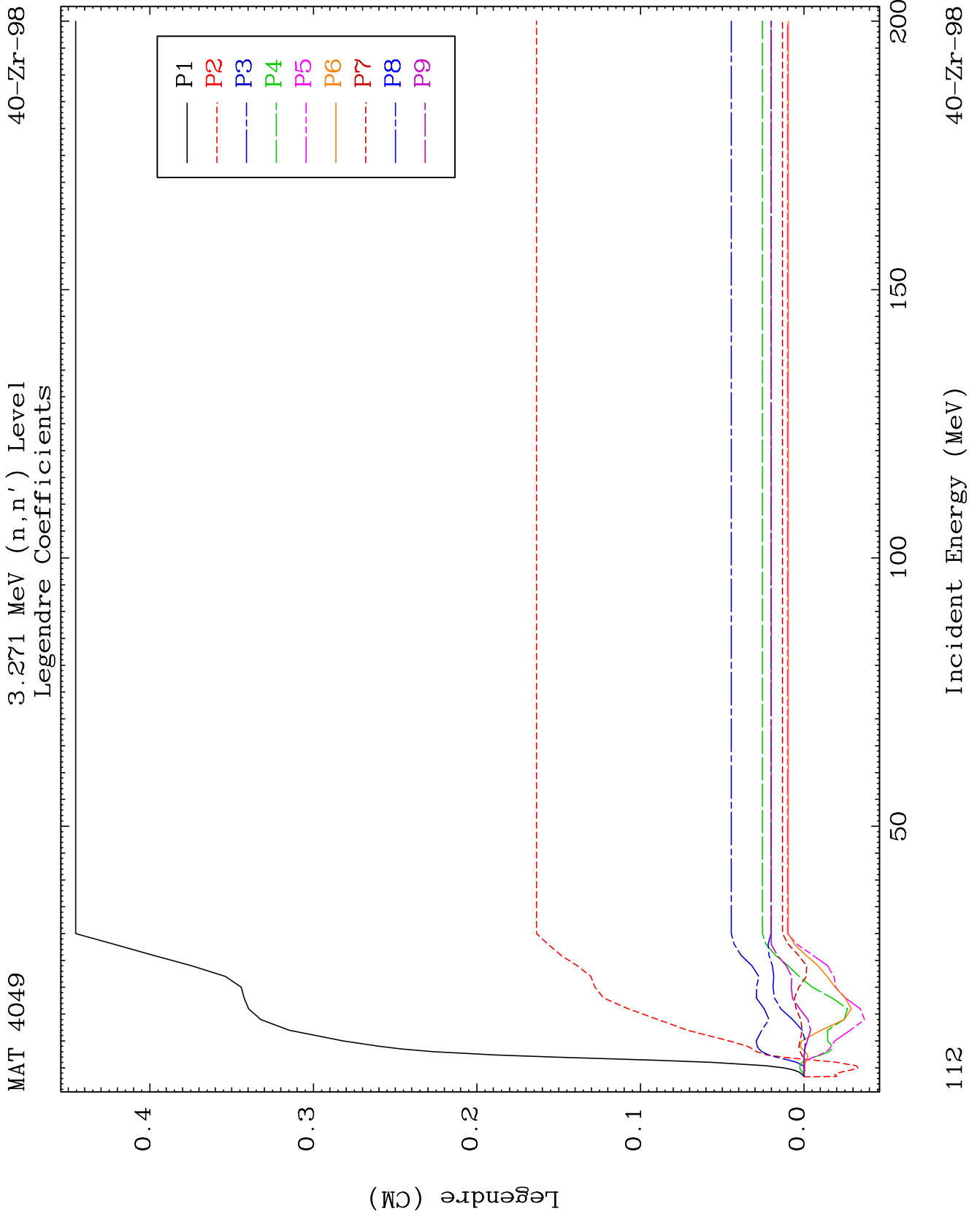
Incident Energy (MeV)

40-Zr-98





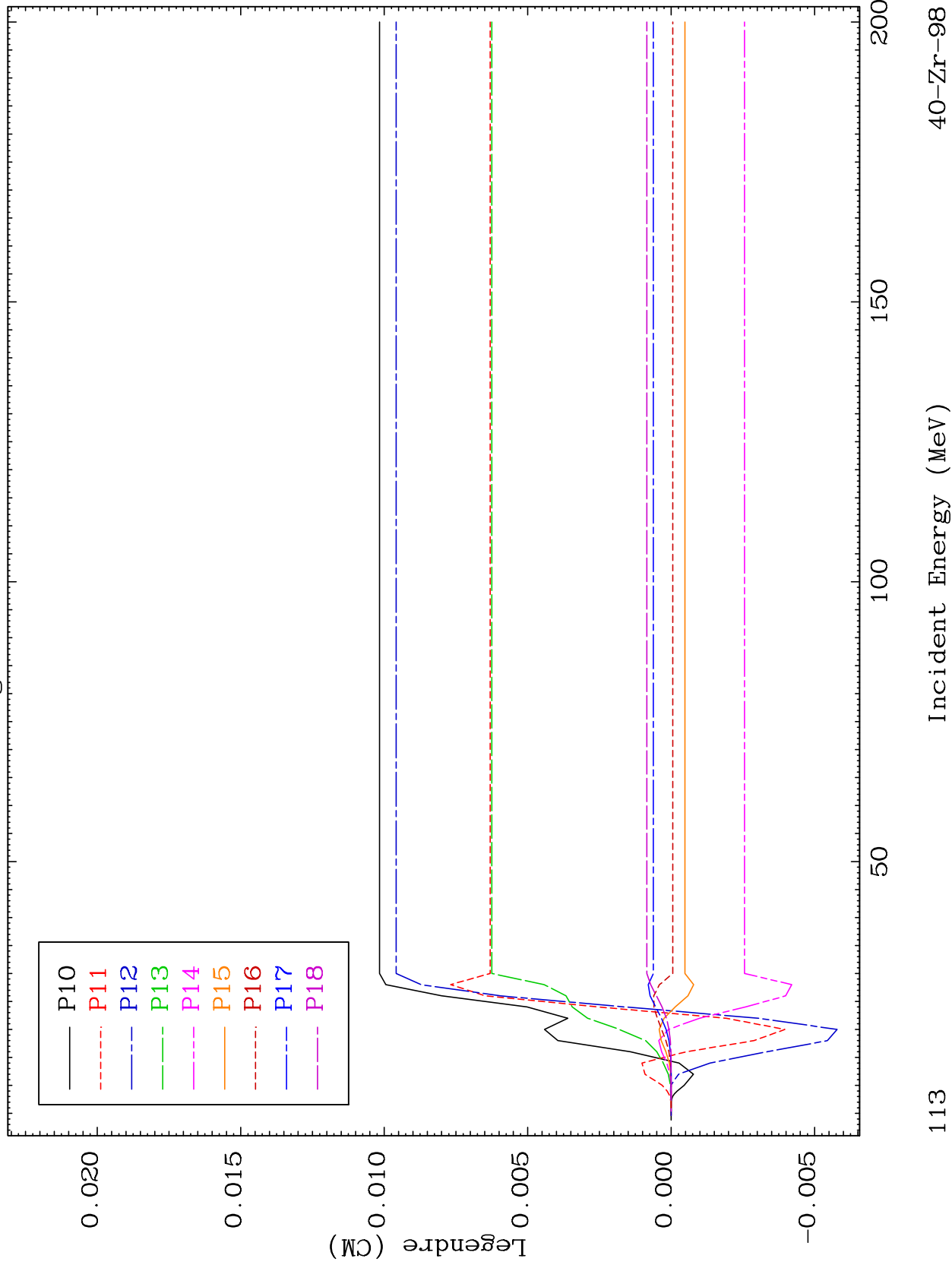




MAT 4049

3.271 MeV (n,n') Level  
Legendre Coefficients

40-Zr-98



113

Incident Energy (MeV)

40-Zr-98

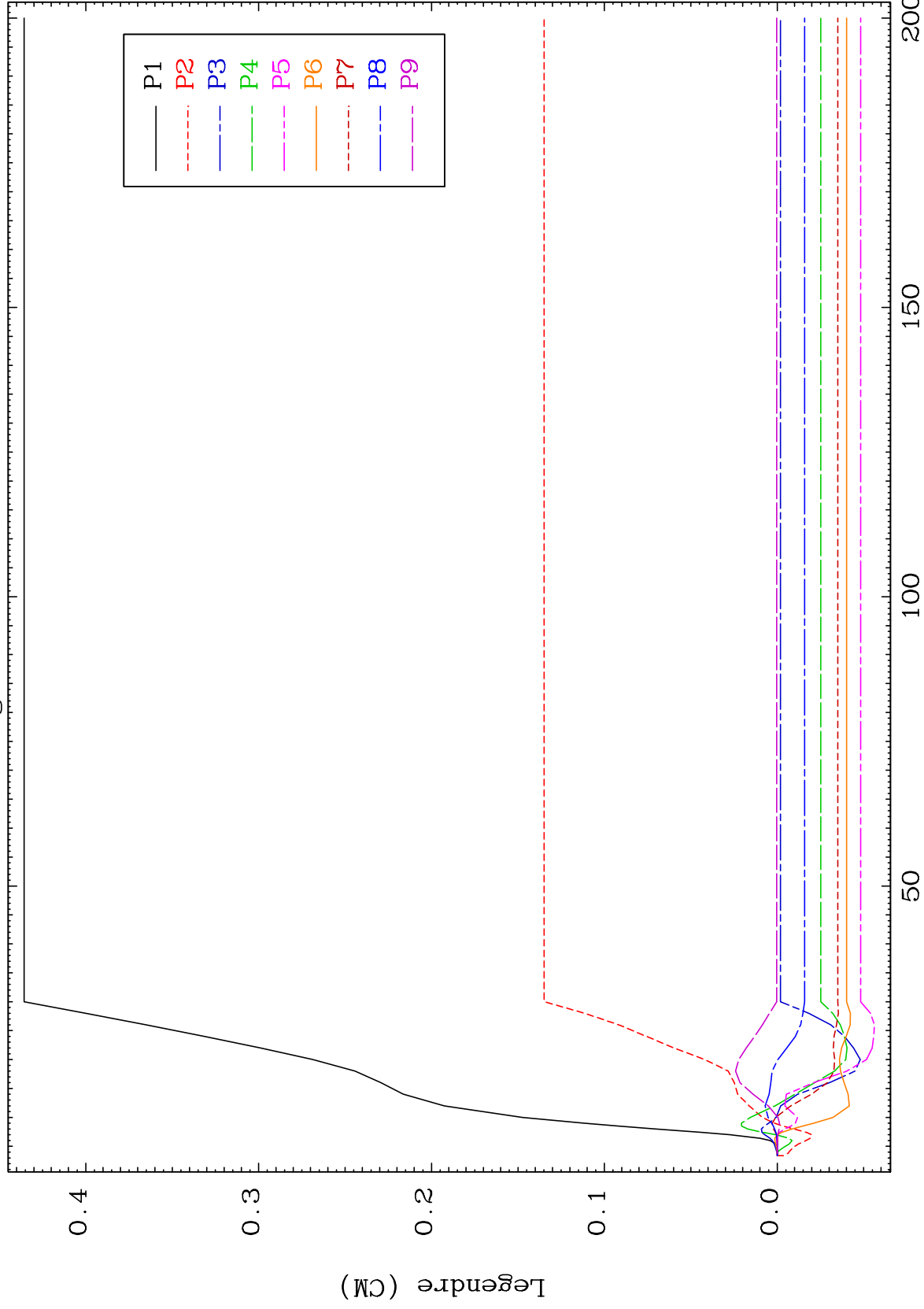




MAT 4049

3.338 MeV (n,n') Level  
Legendre Coefficients

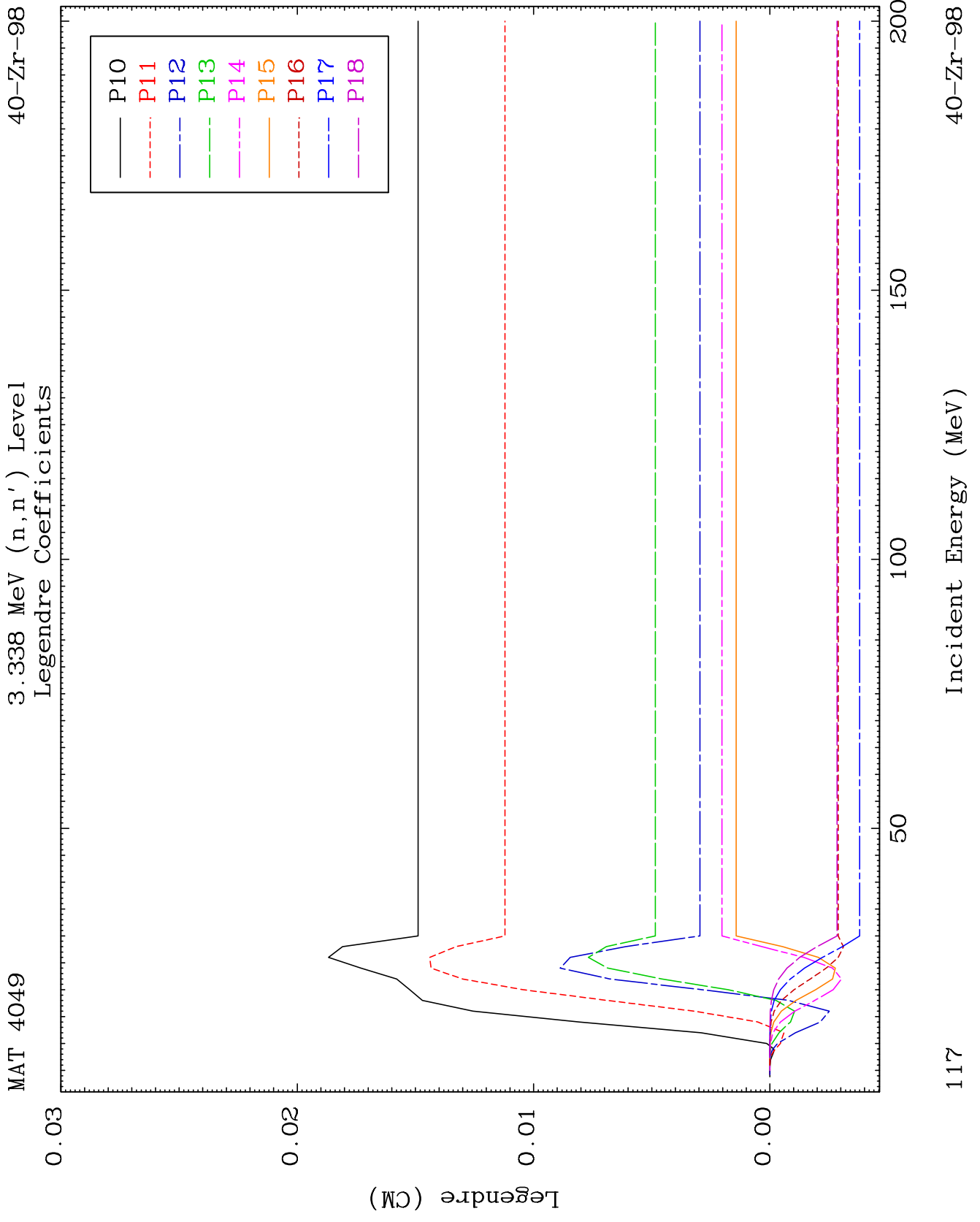
40-Zr-98

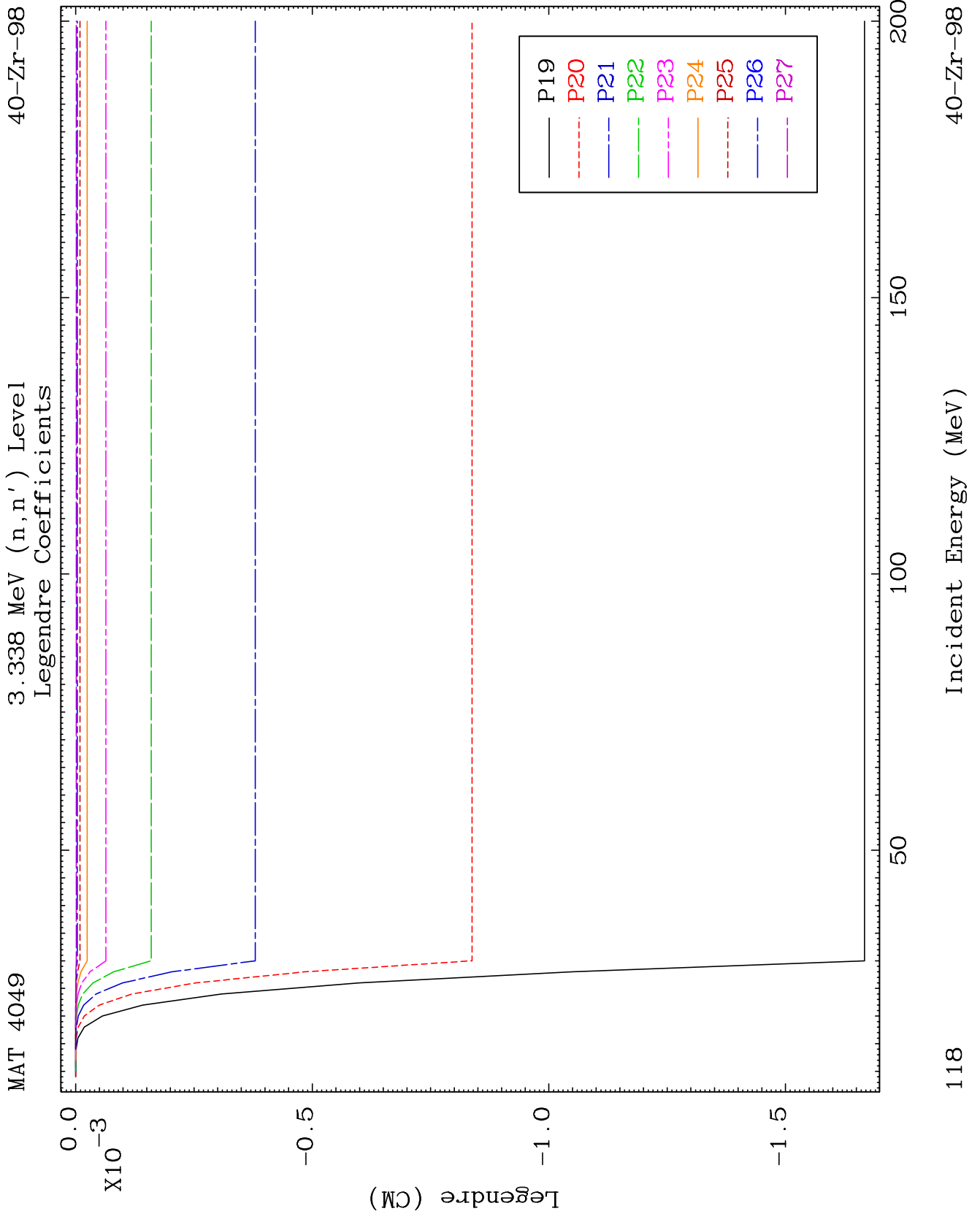


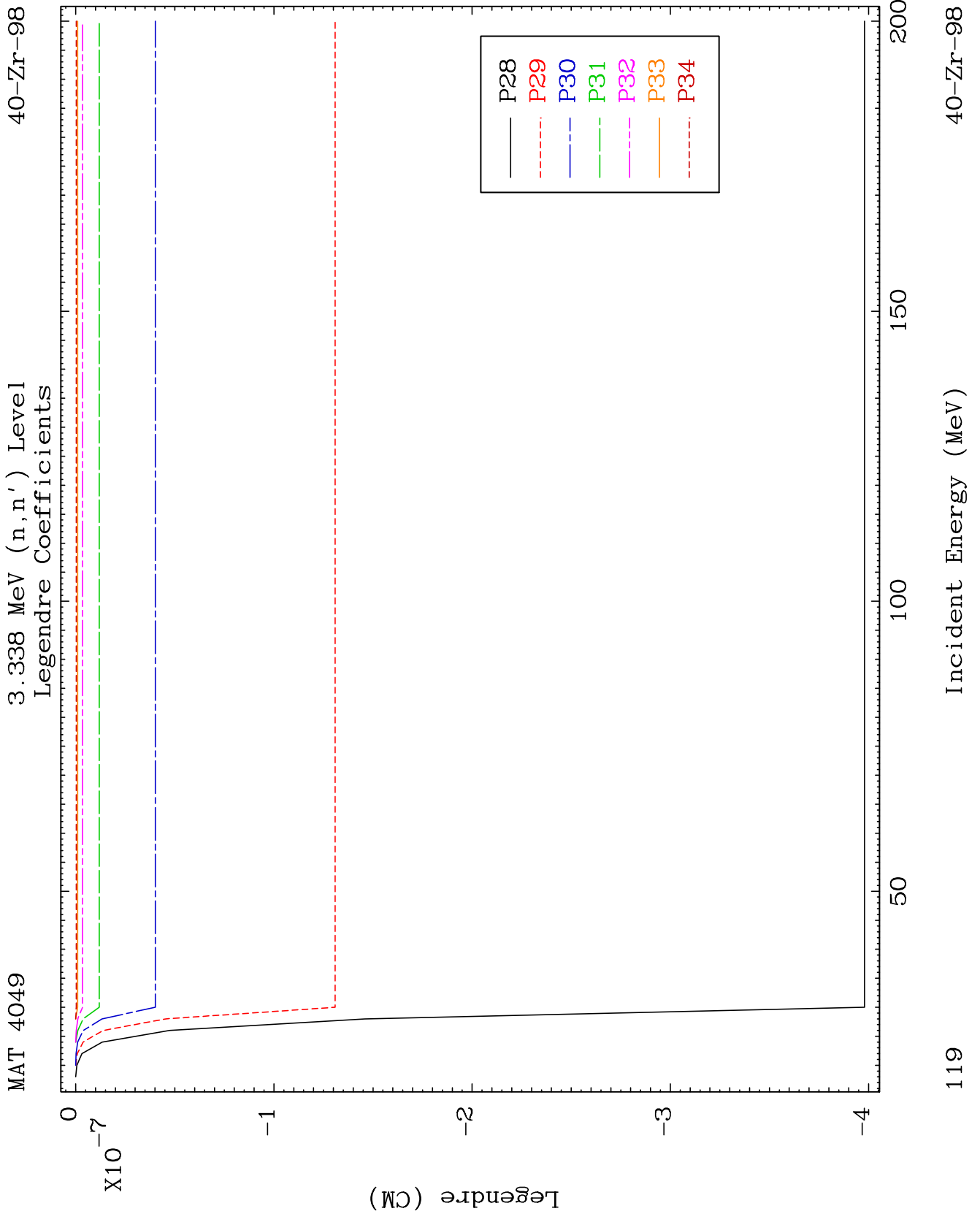
116

Incident Energy (MeV)

40-Zr-98

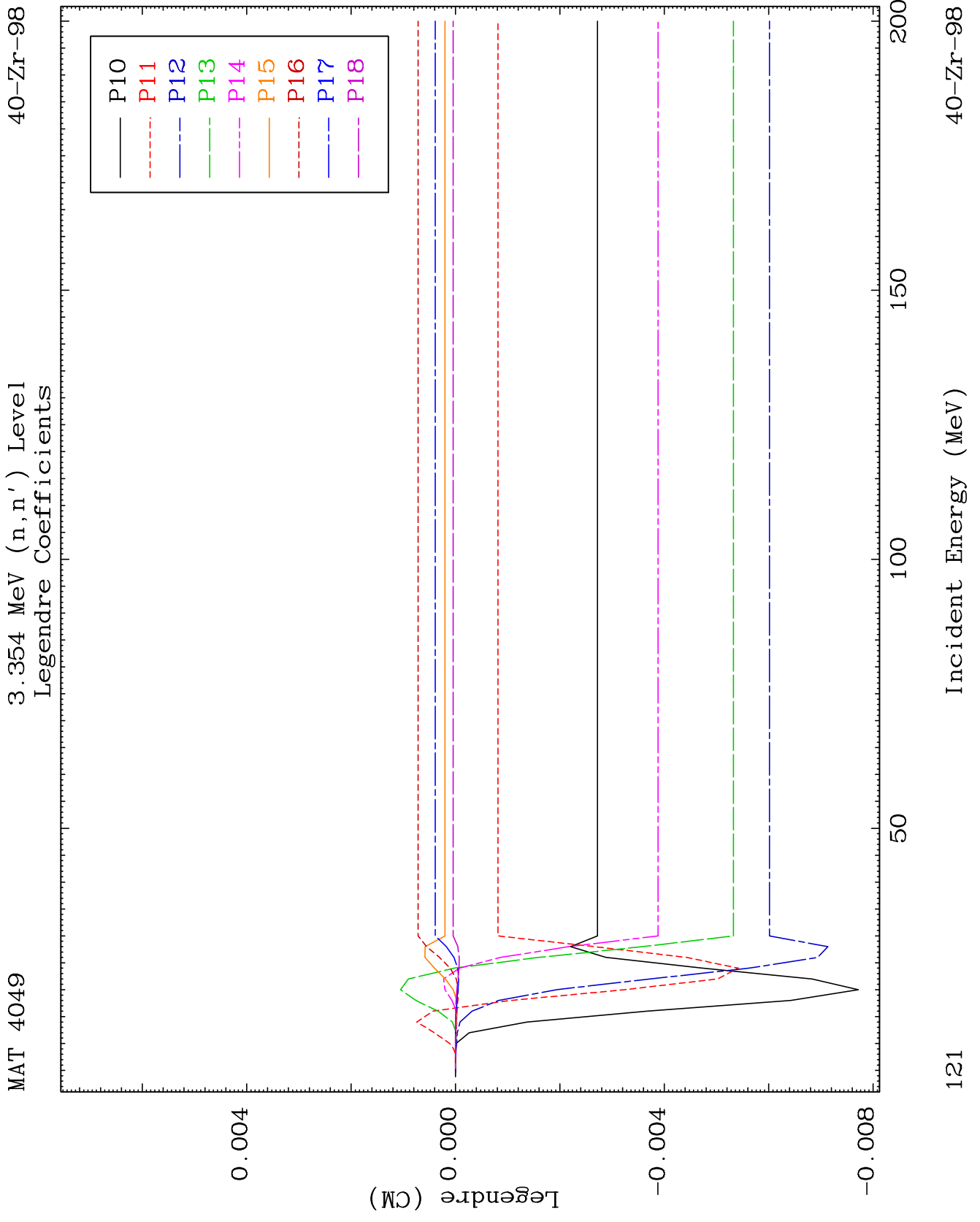








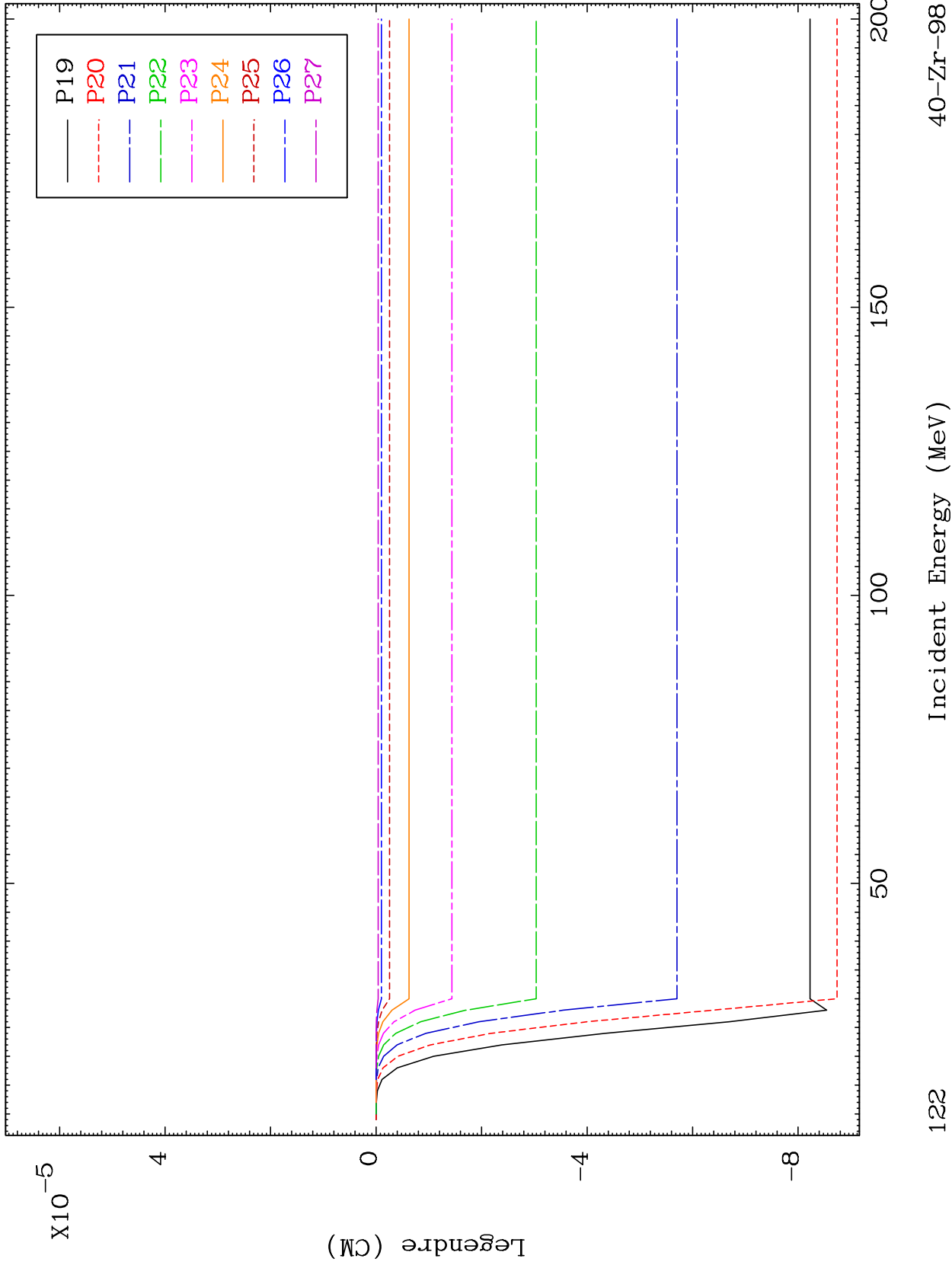




MAT 4049

3.354 MeV (n,n') Level  
Legendre Coefficients

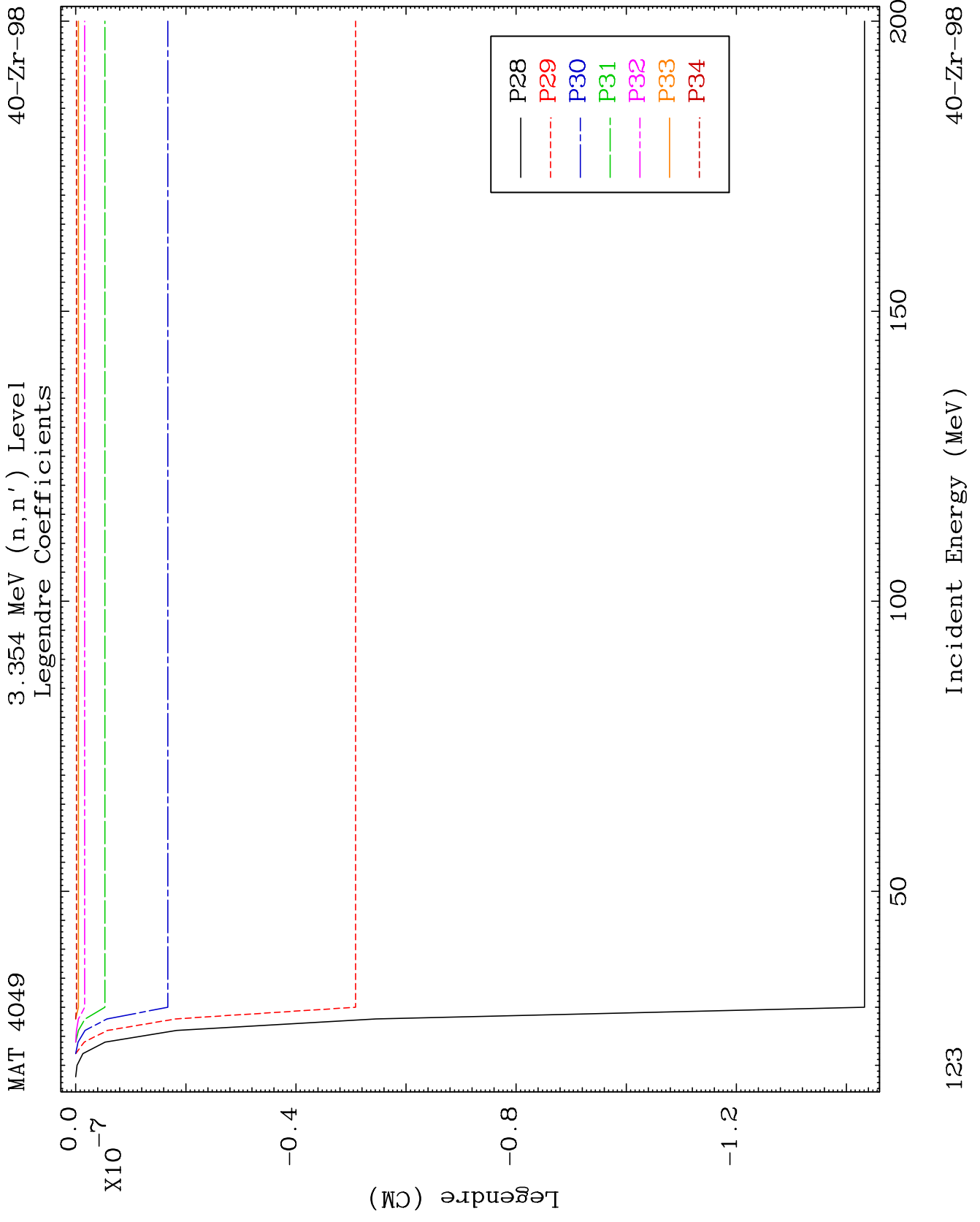
40-Zr-98

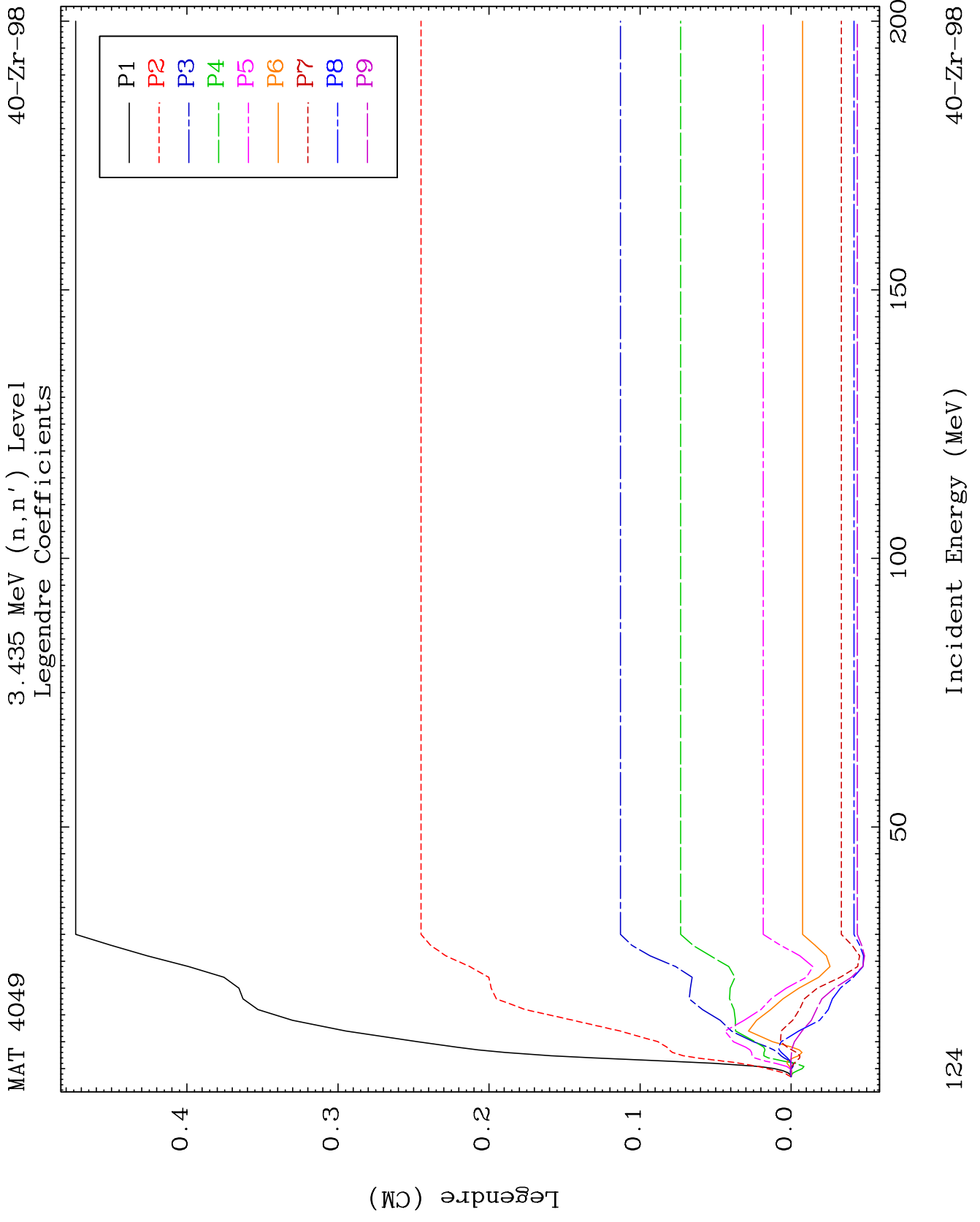


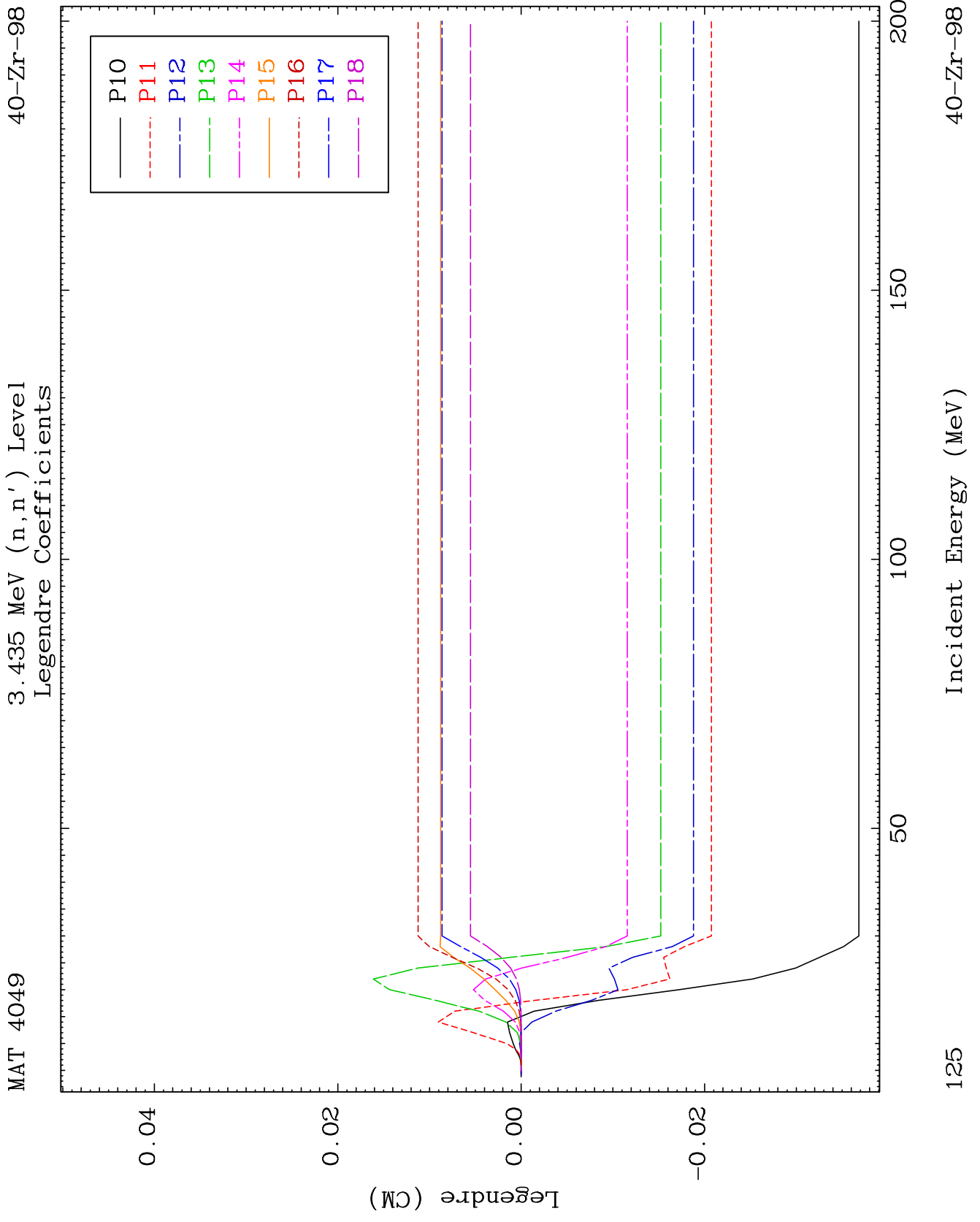
122

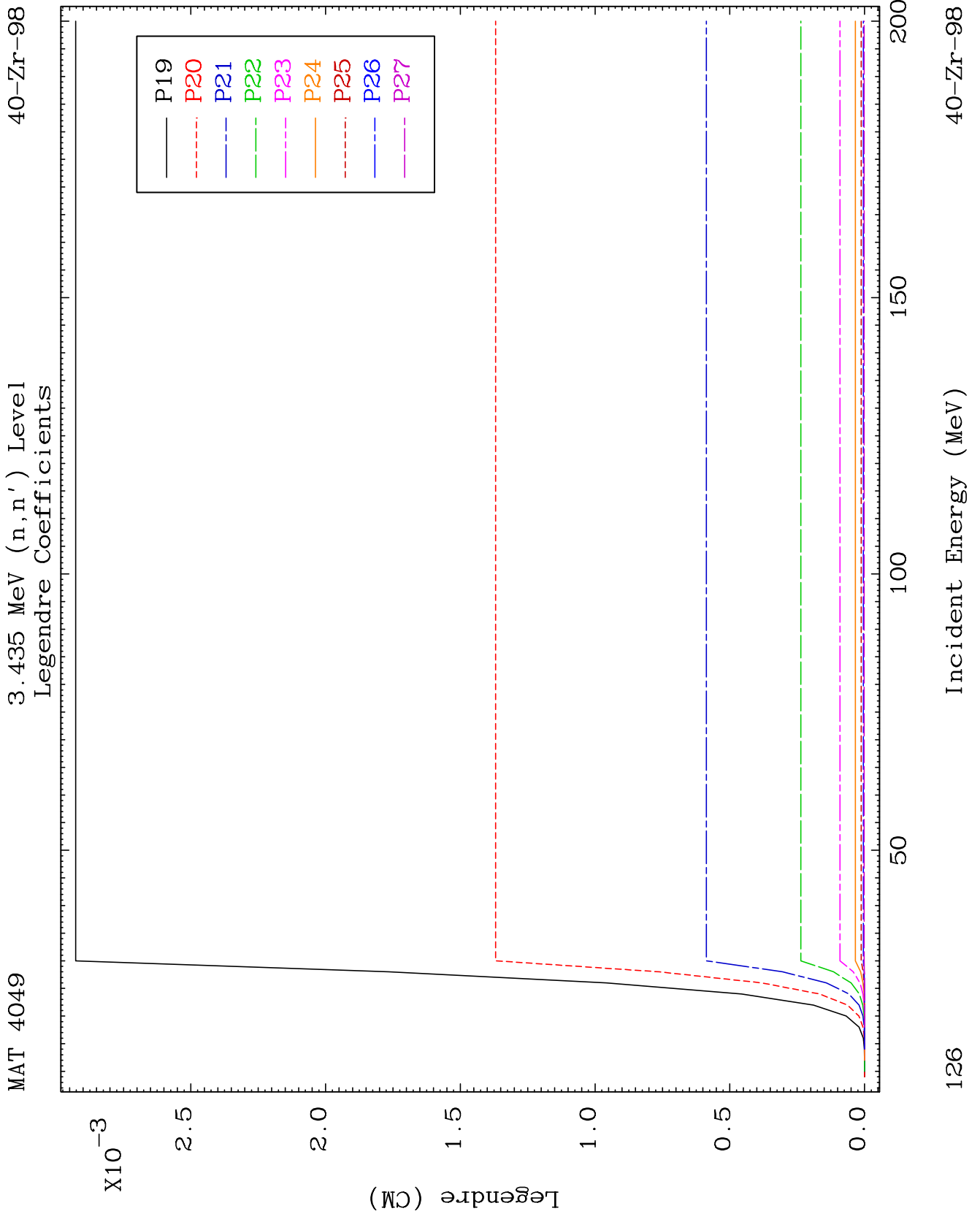
Incident Energy (MeV)

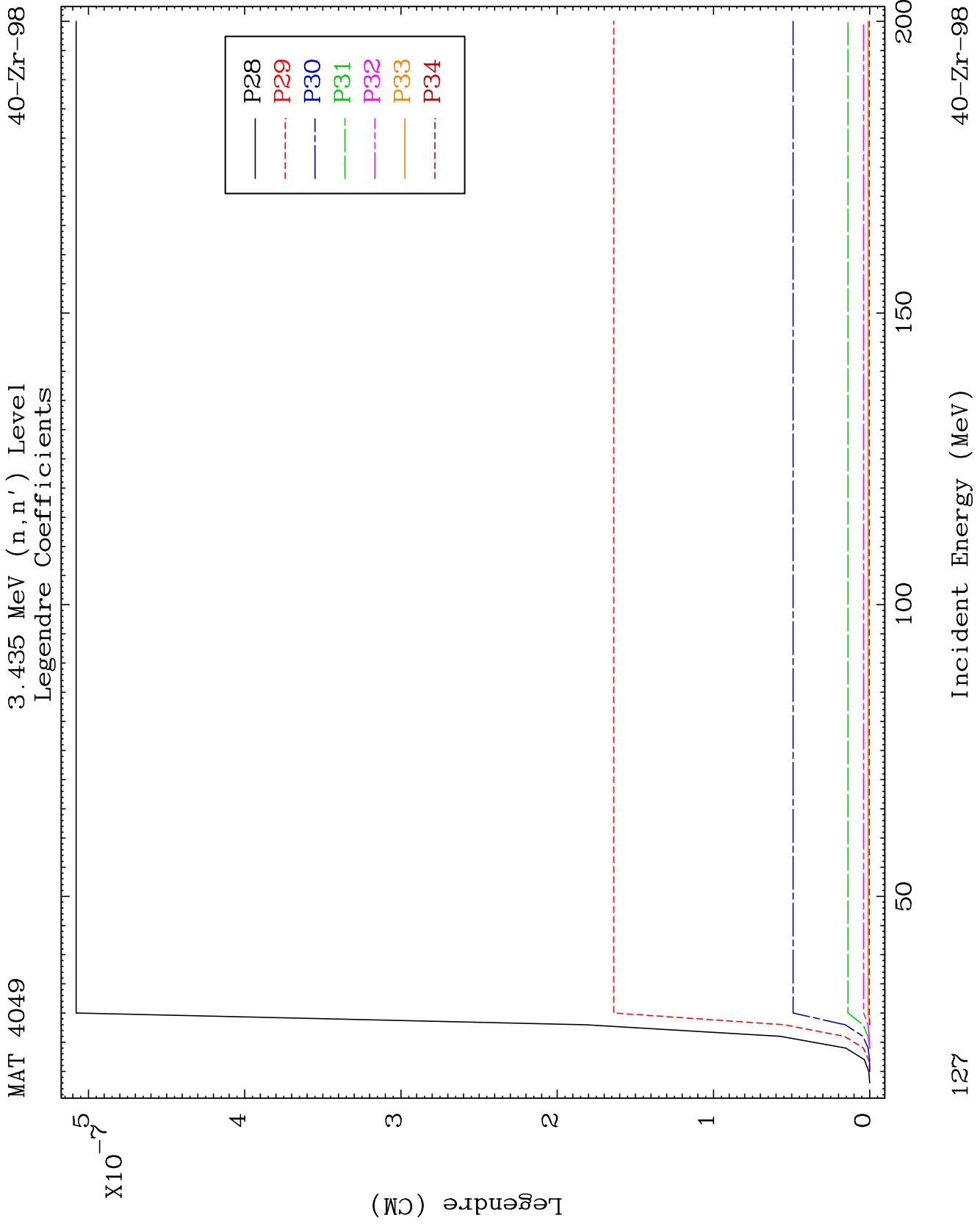
40-Zr-98



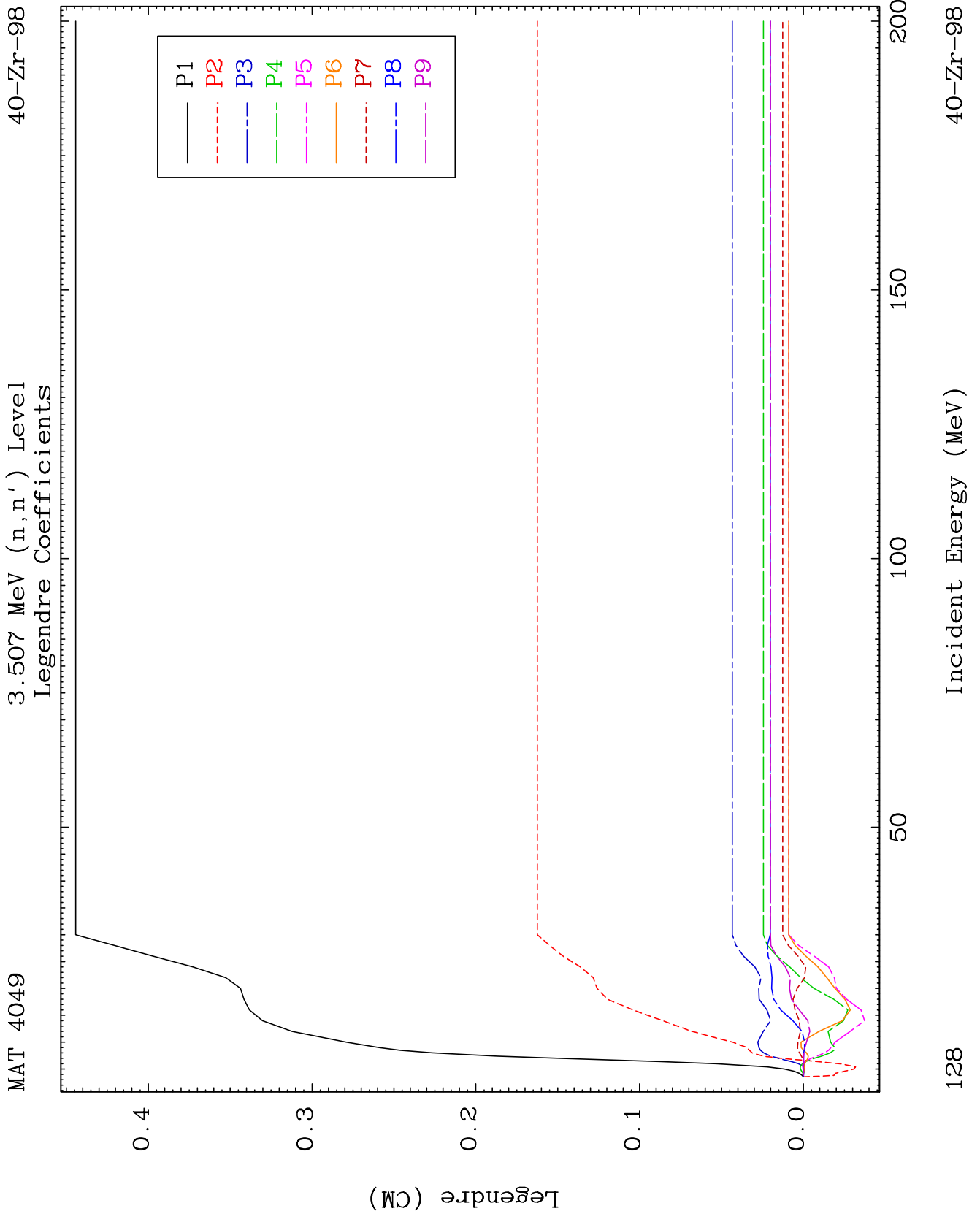


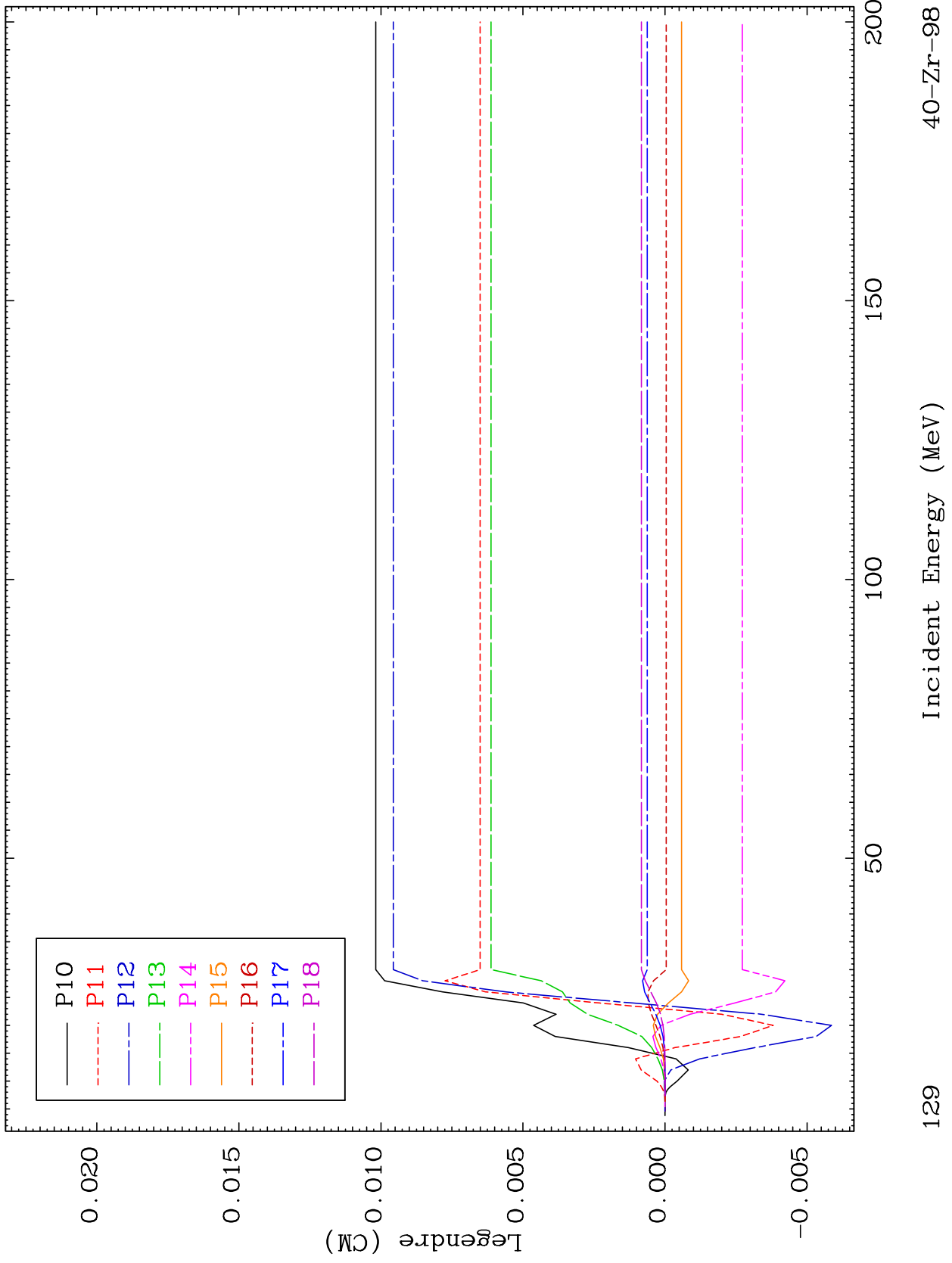


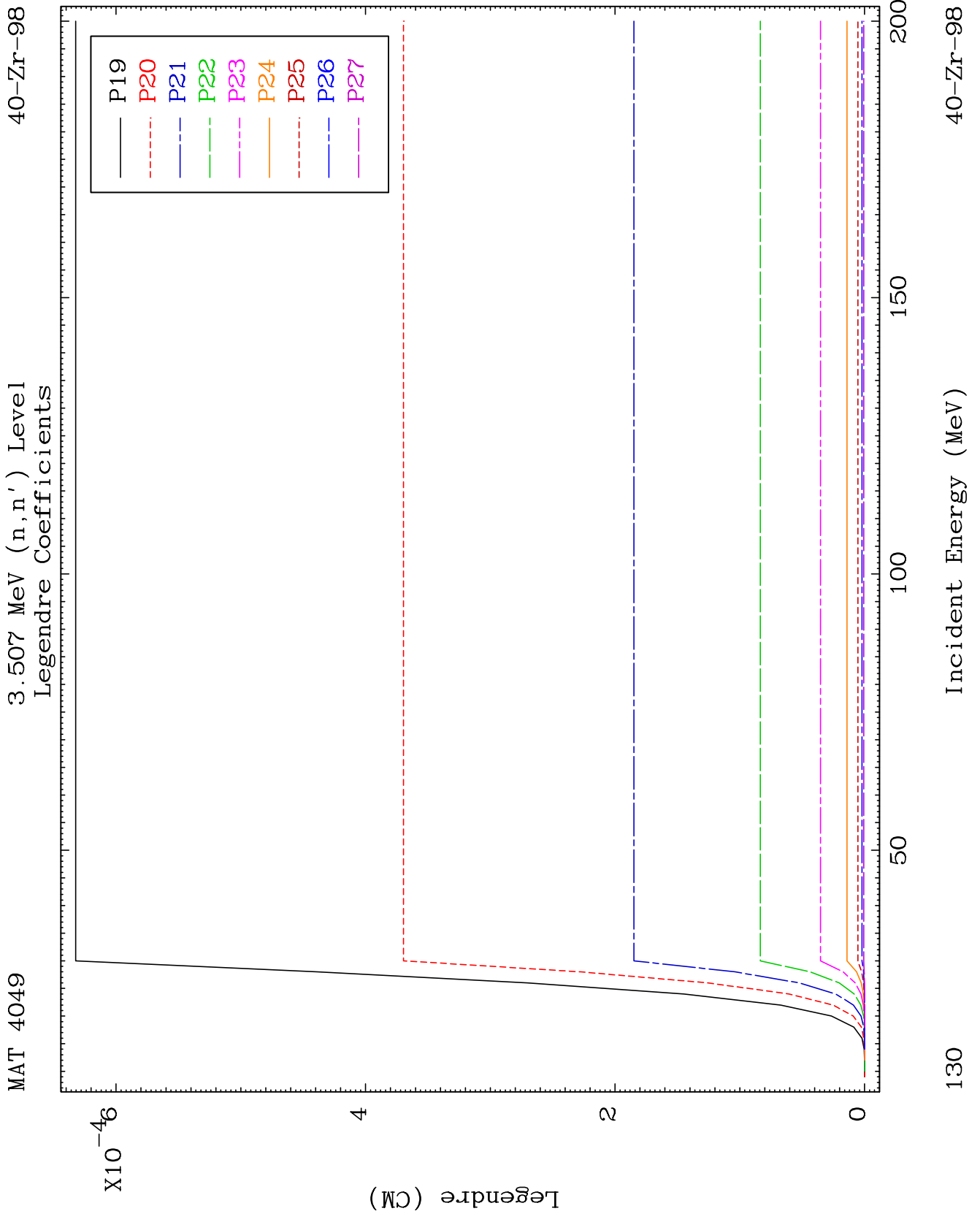


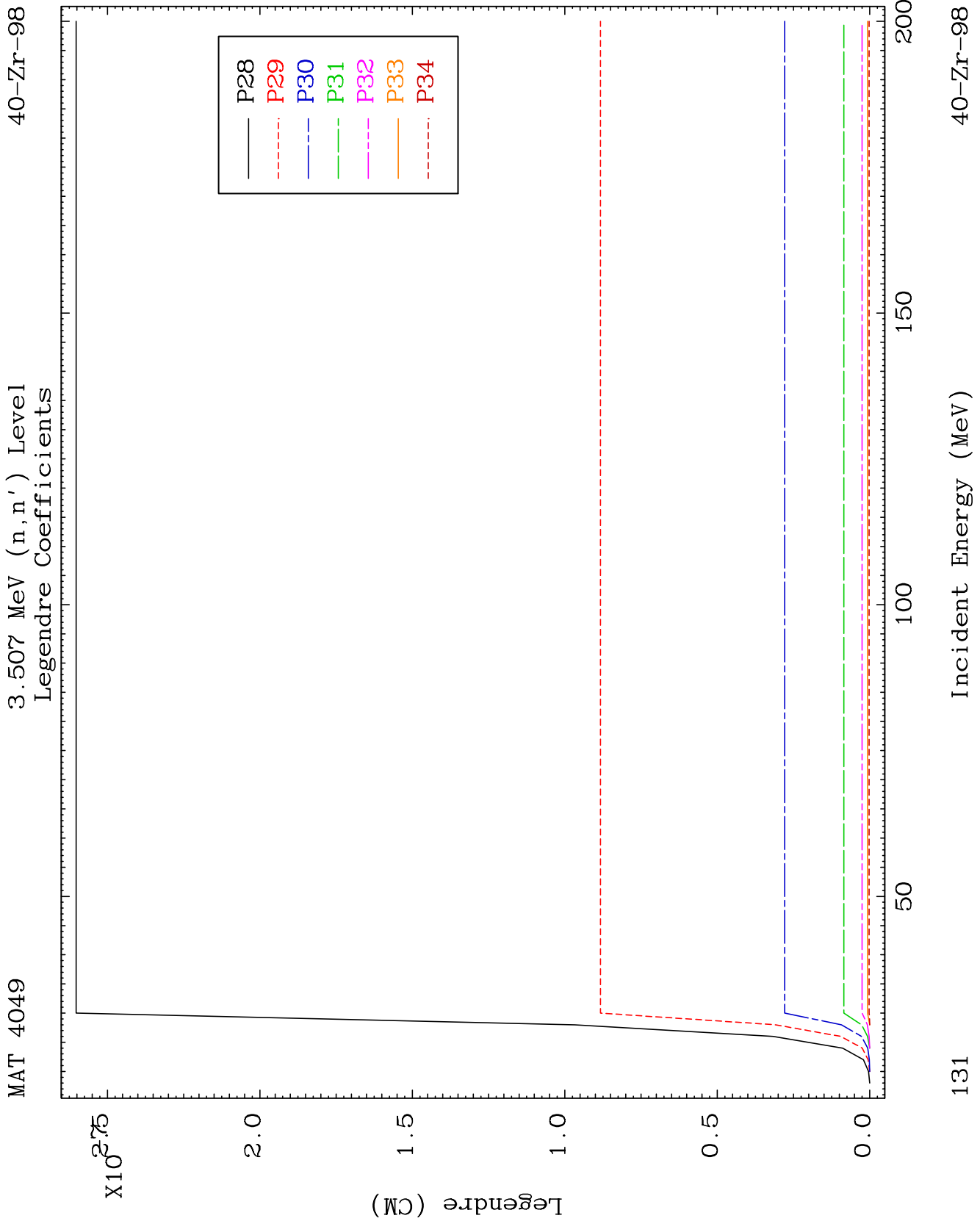










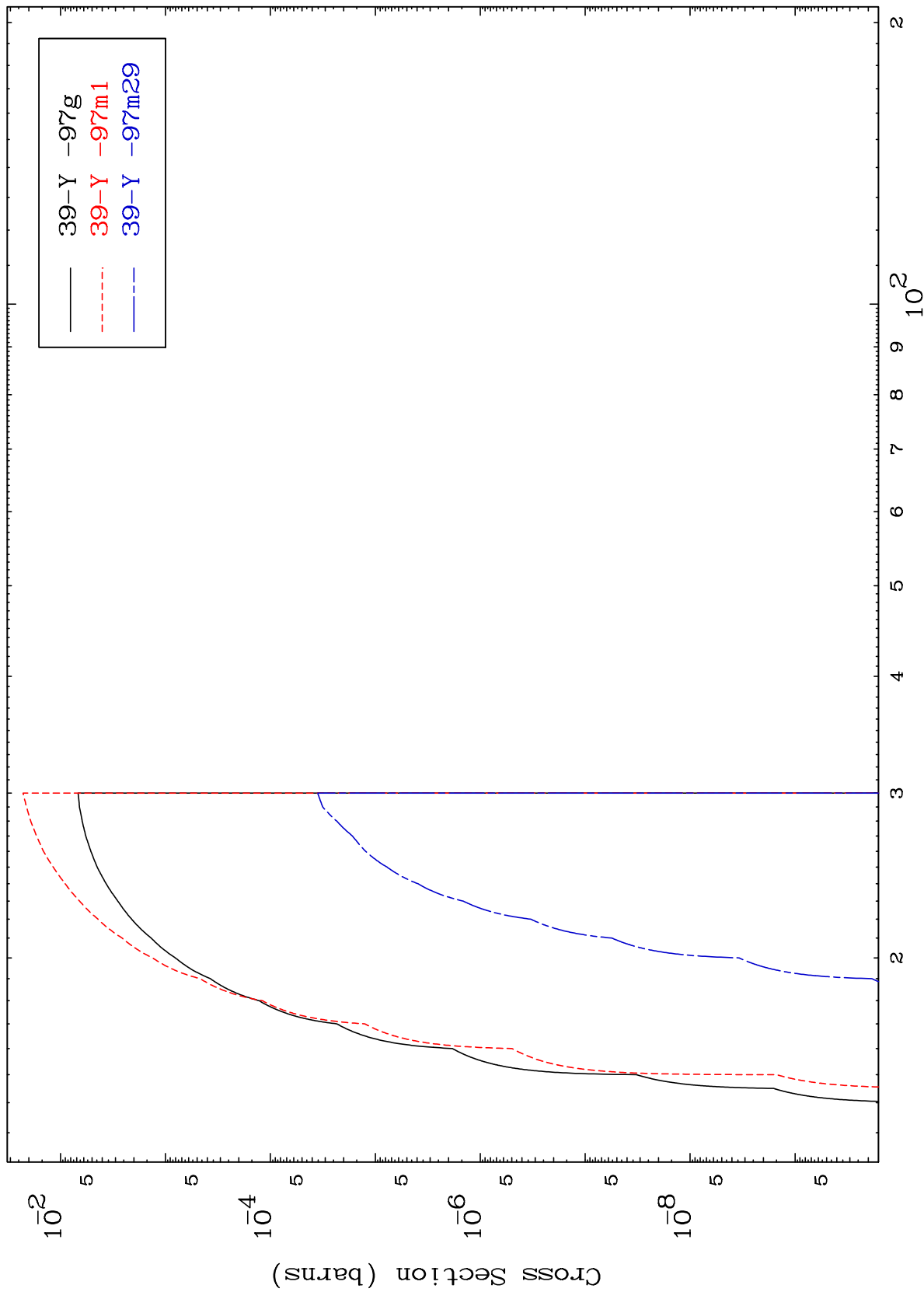


MAT 4049

(n,n') p

40-Zr-98

Radionuclide Production Cross Section



132

Incident Energy (MeV)

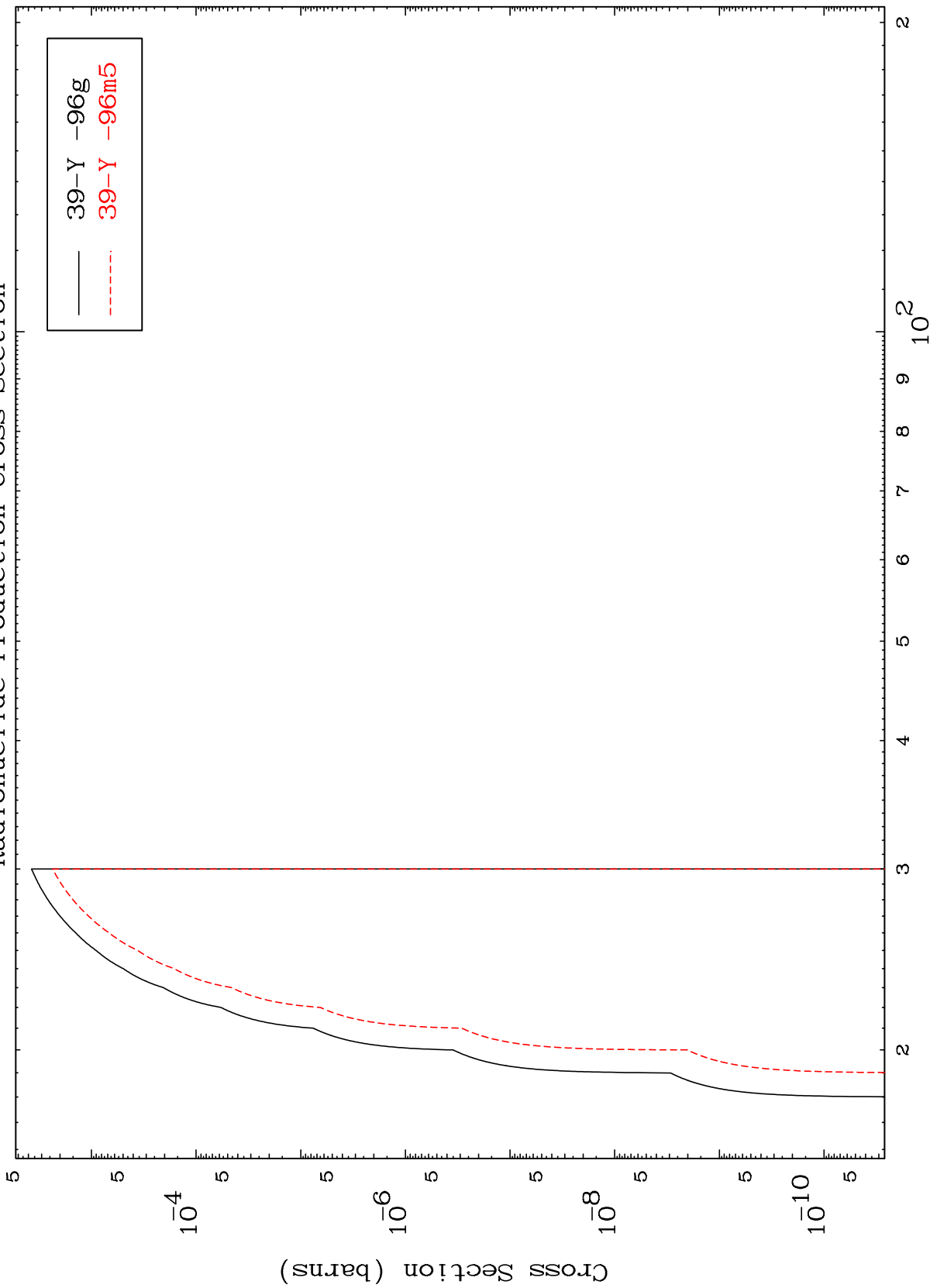
40-Zr-98

MAT 4049

(n,n') d

40-Zr-98

Radionuclide Production Cross Section



133

Incident Energy (MeV)

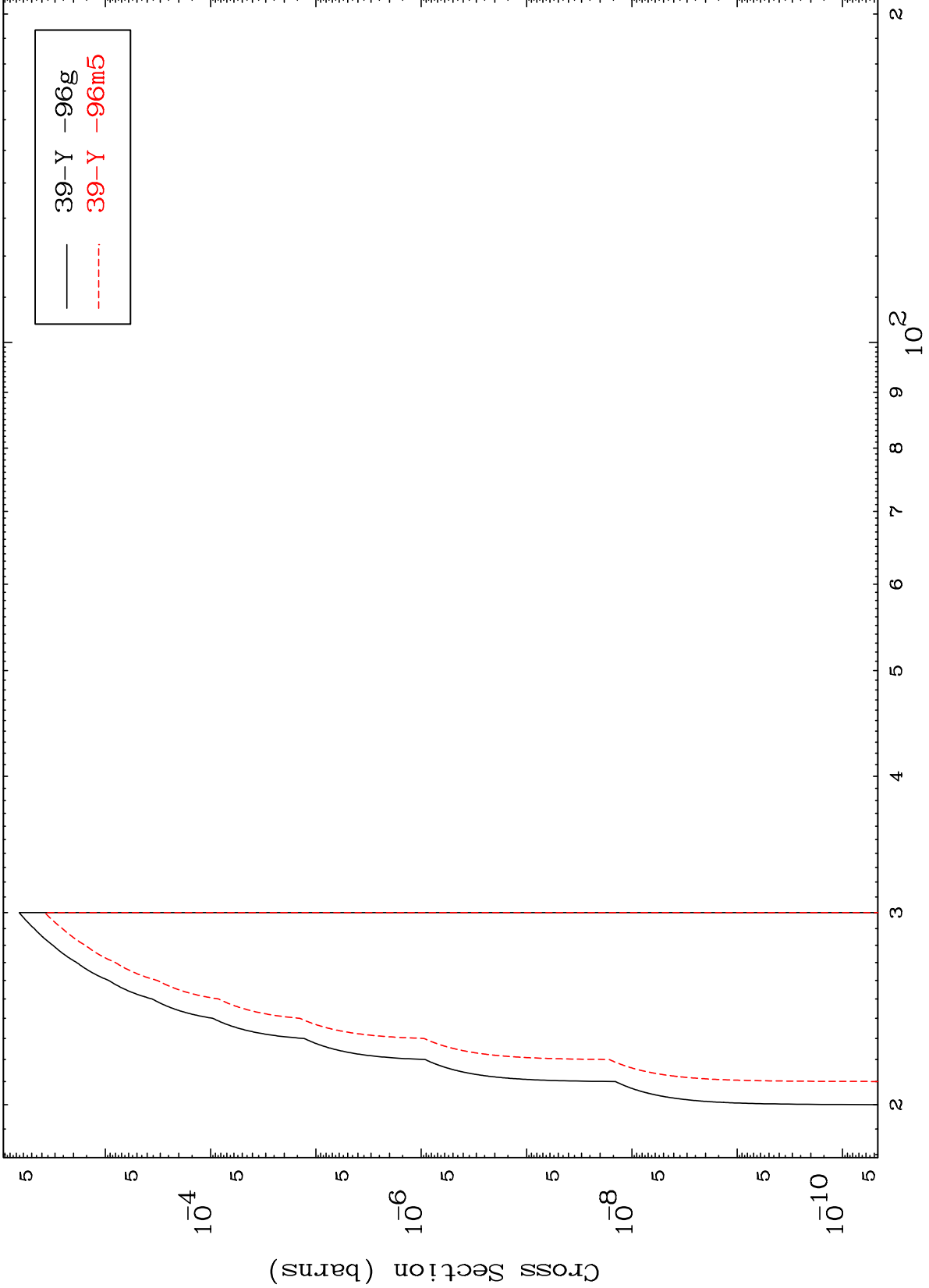
40-Zr-98

MAT 4049

(n,2n) p

40-Zr-98

Radionuclide Production Cross Section



39-Y -96g  
39-Y -96m5

134

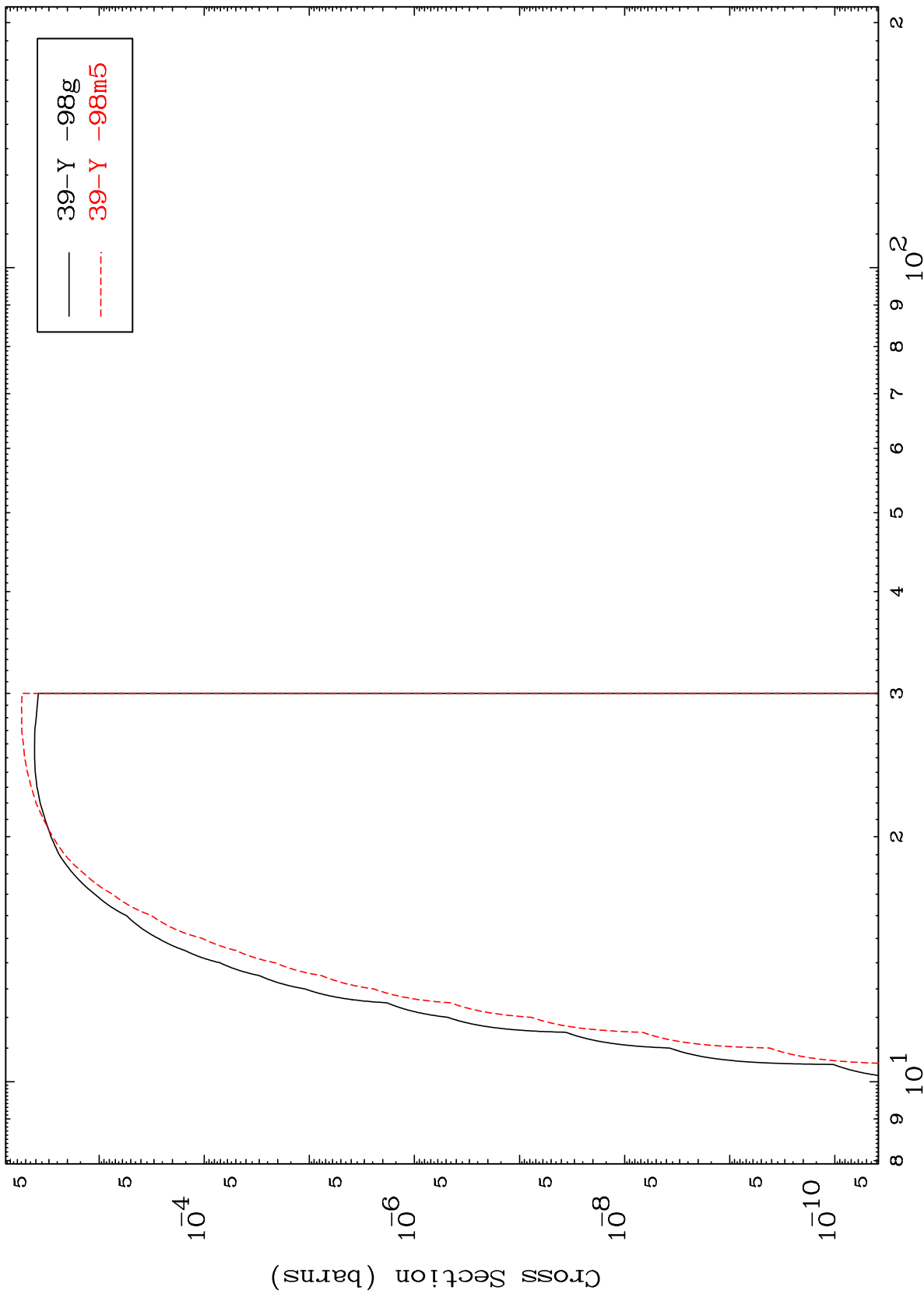
Incident Energy (MeV)

40-Zr-98

MAT 4049

40-Zr-98

(n,p)  
Radionuclide Production Cross Section



135

Incident Energy (MeV)

40-Zr-98

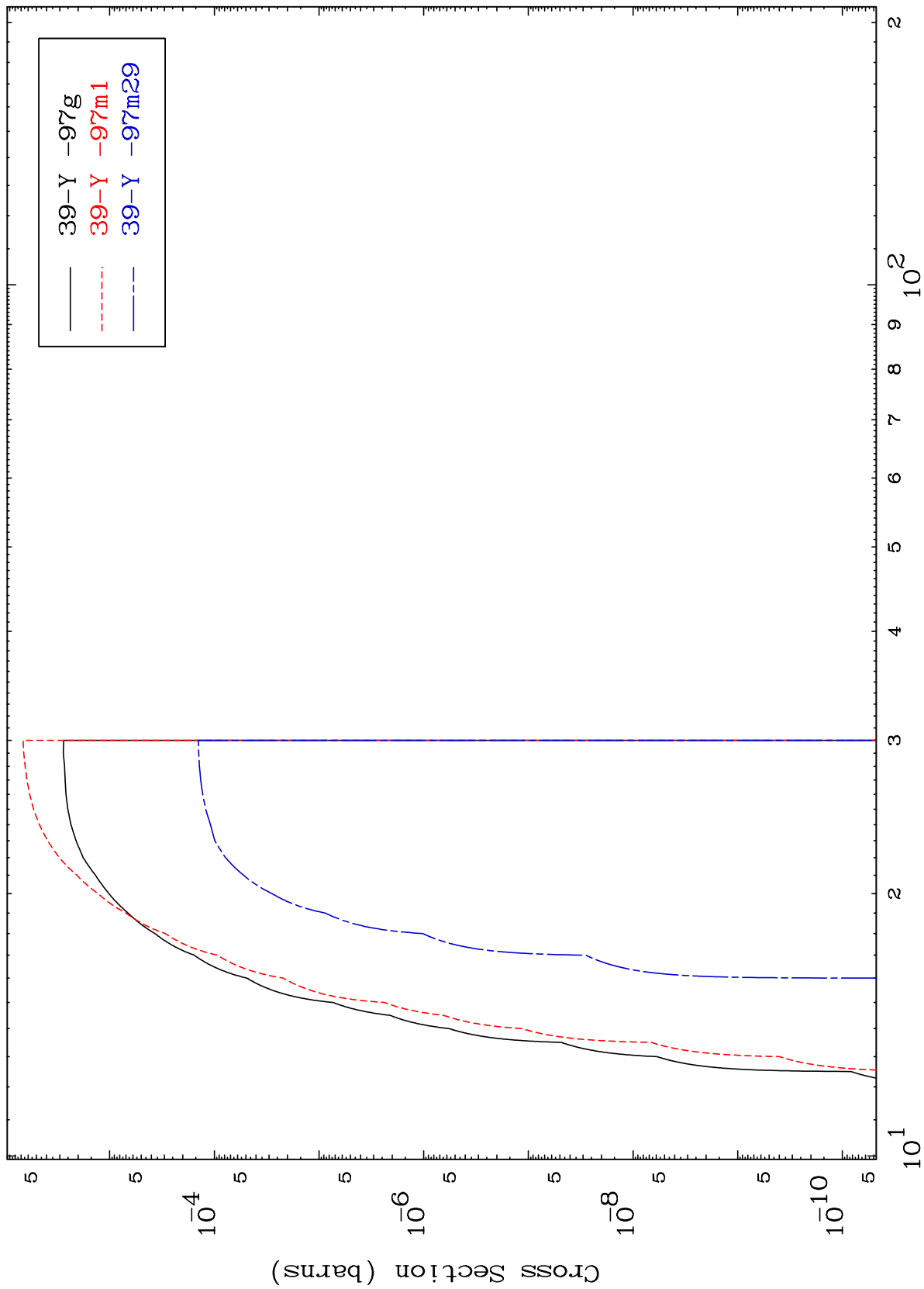


MAT 4049

(n,d)

40-Zr-98

Radionuclide Production Cross Section



136

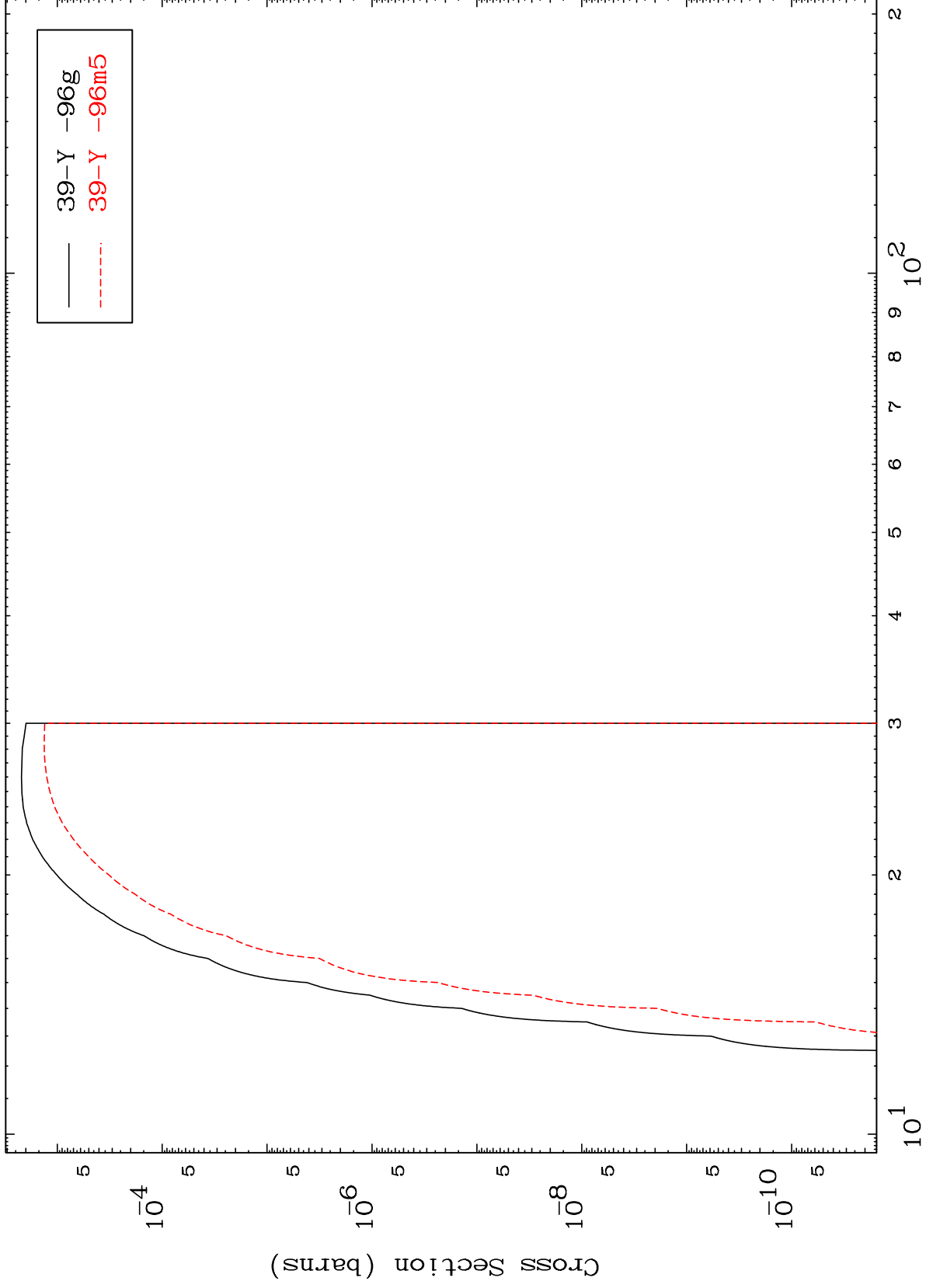
Incident Energy (MeV)

40-Zr-98

MAT 4049

40-Zr-98

(n, t)  
Radionuclide Production Cross Section



40-Zr-98

Incident Energy (MeV)

137