

Program EVALPLOT  
(Version 2015-2)

by

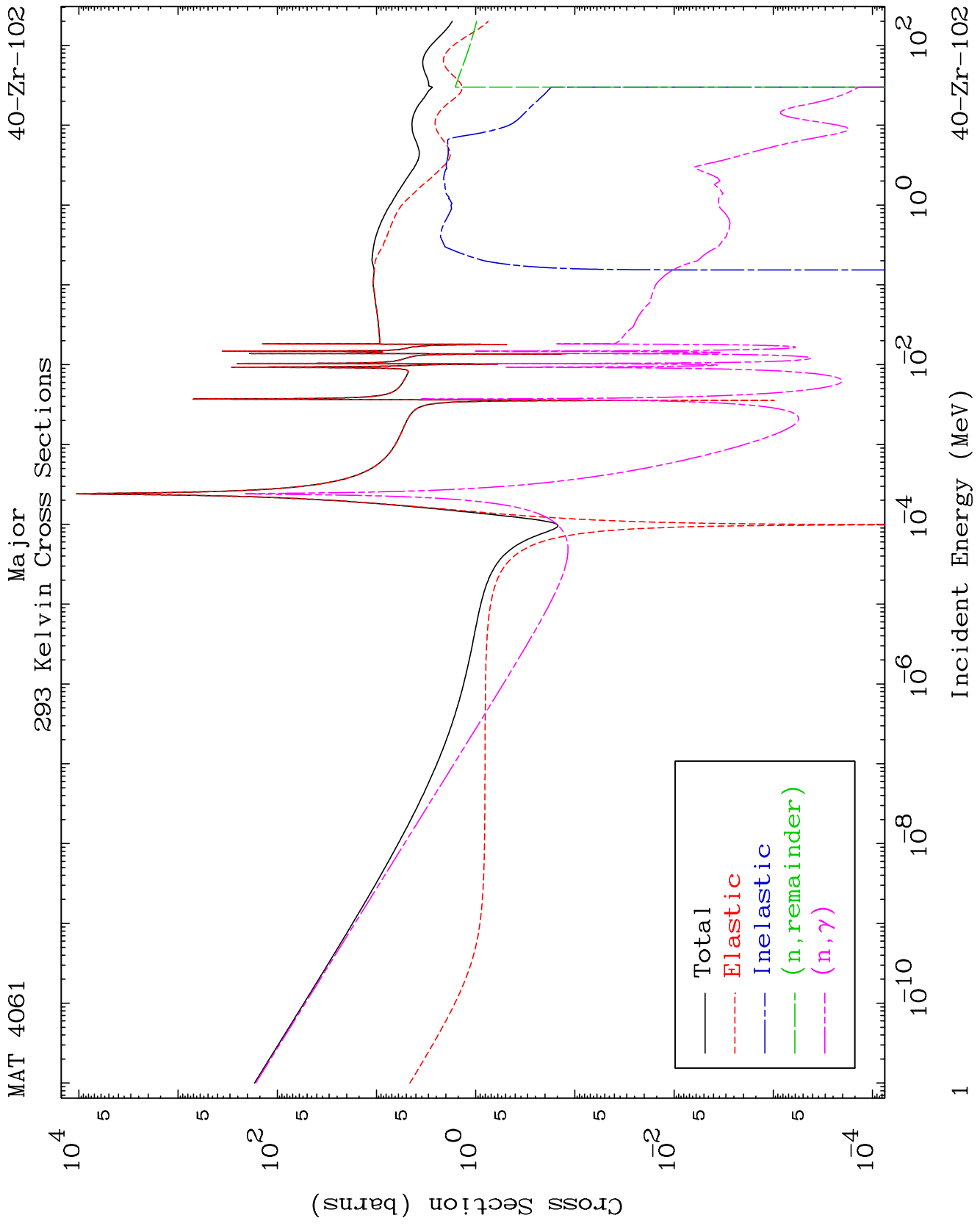
Dermott E. Cullen  
(Present Contact Information)

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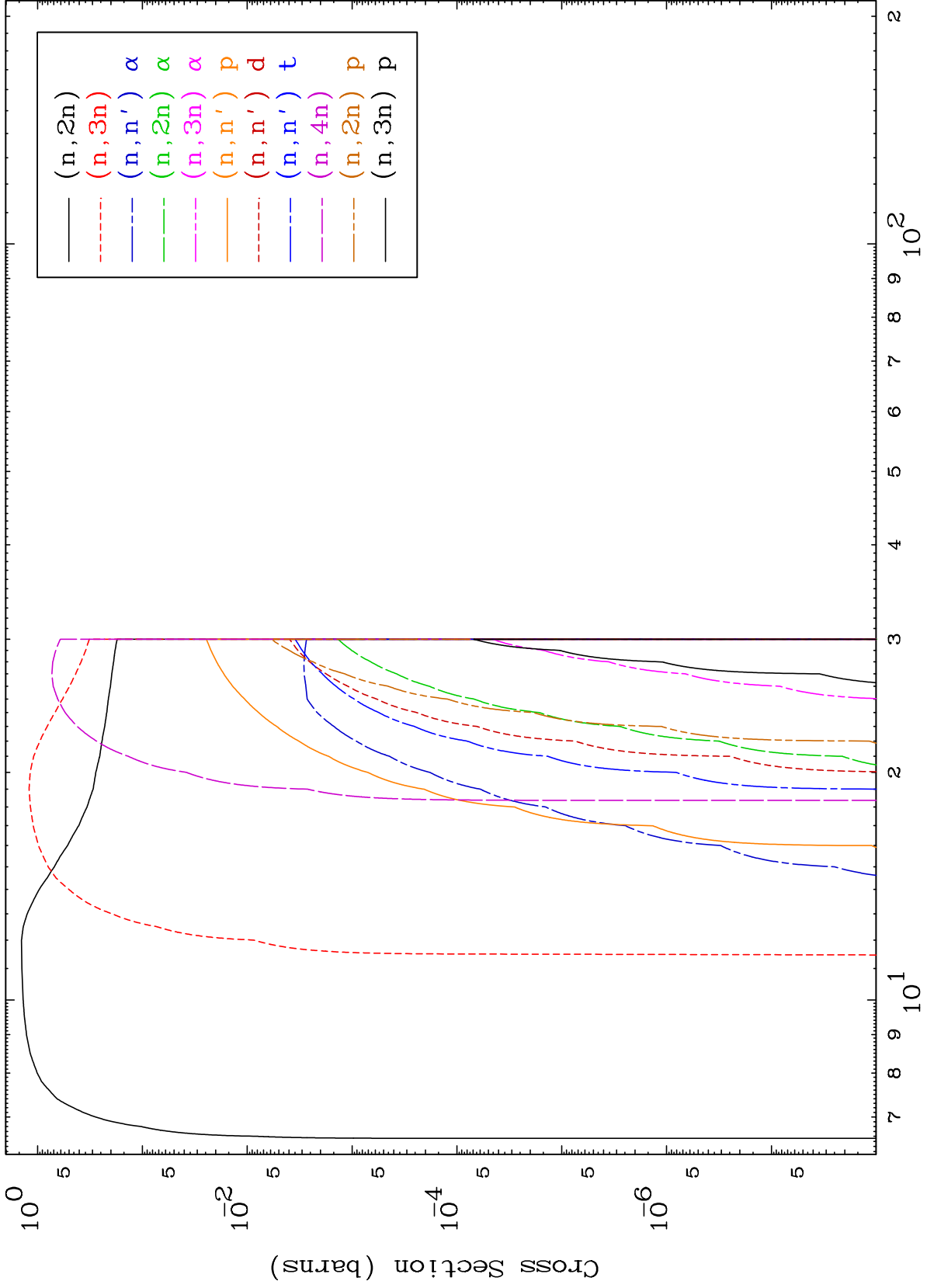
Press Mouse Button to Start



MAT 4061

Neutron Production  
293 Kelvin Cross Sections

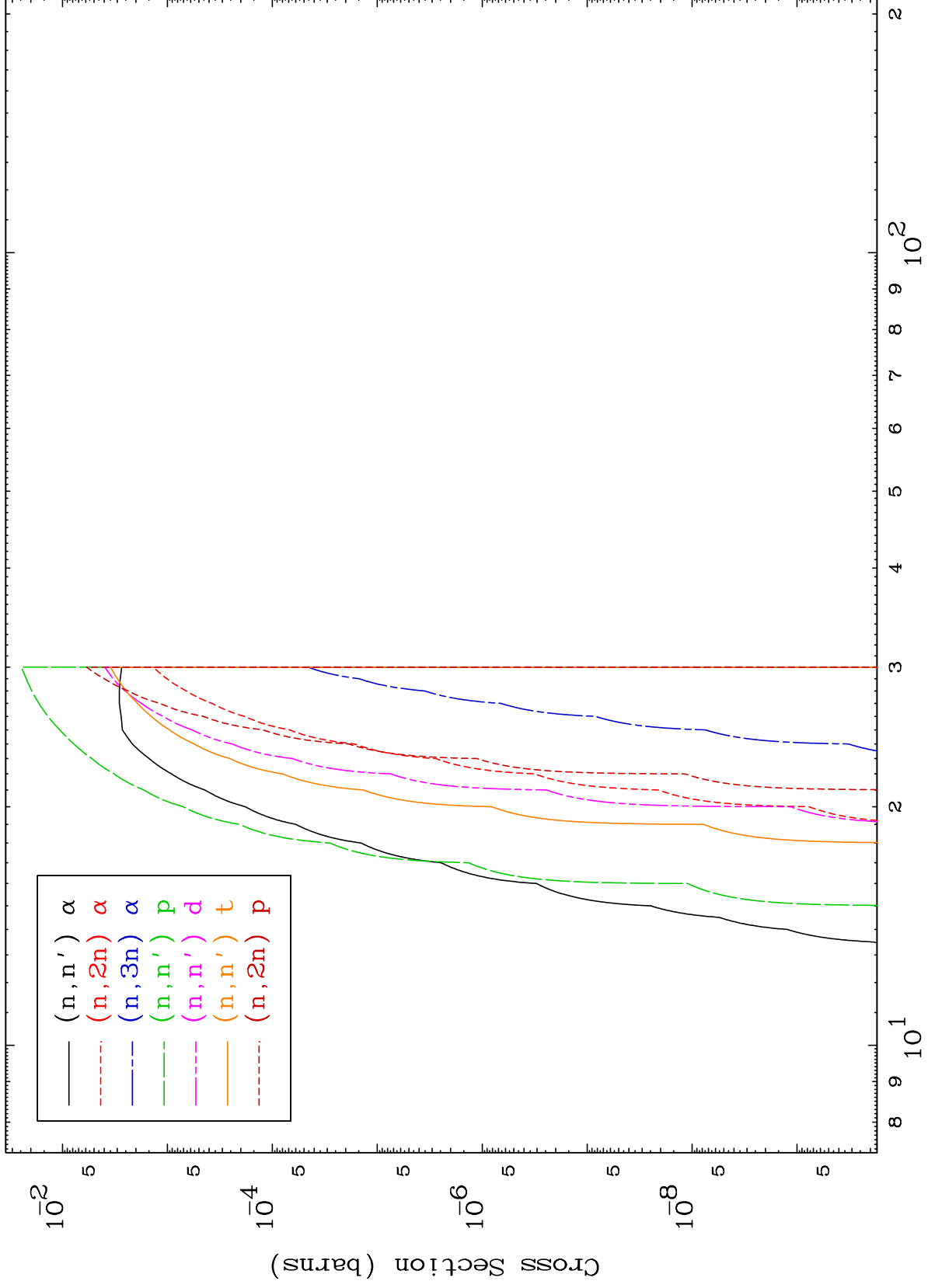
40-Zr-102



MAT 4061

Charged Particle  
293 Kelvin Cross Sections

40-Zr-102



3

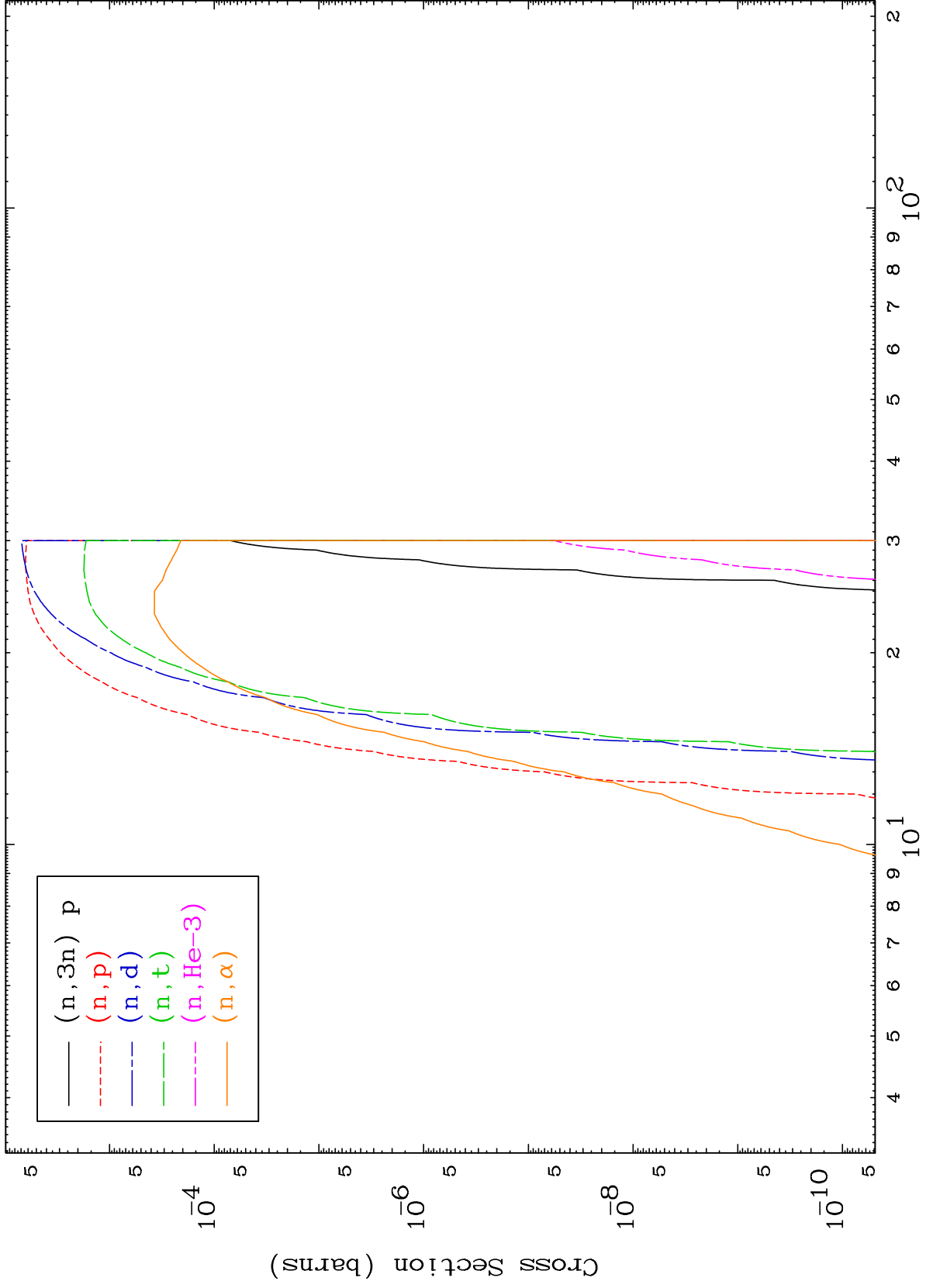
Incident Energy (MeV)

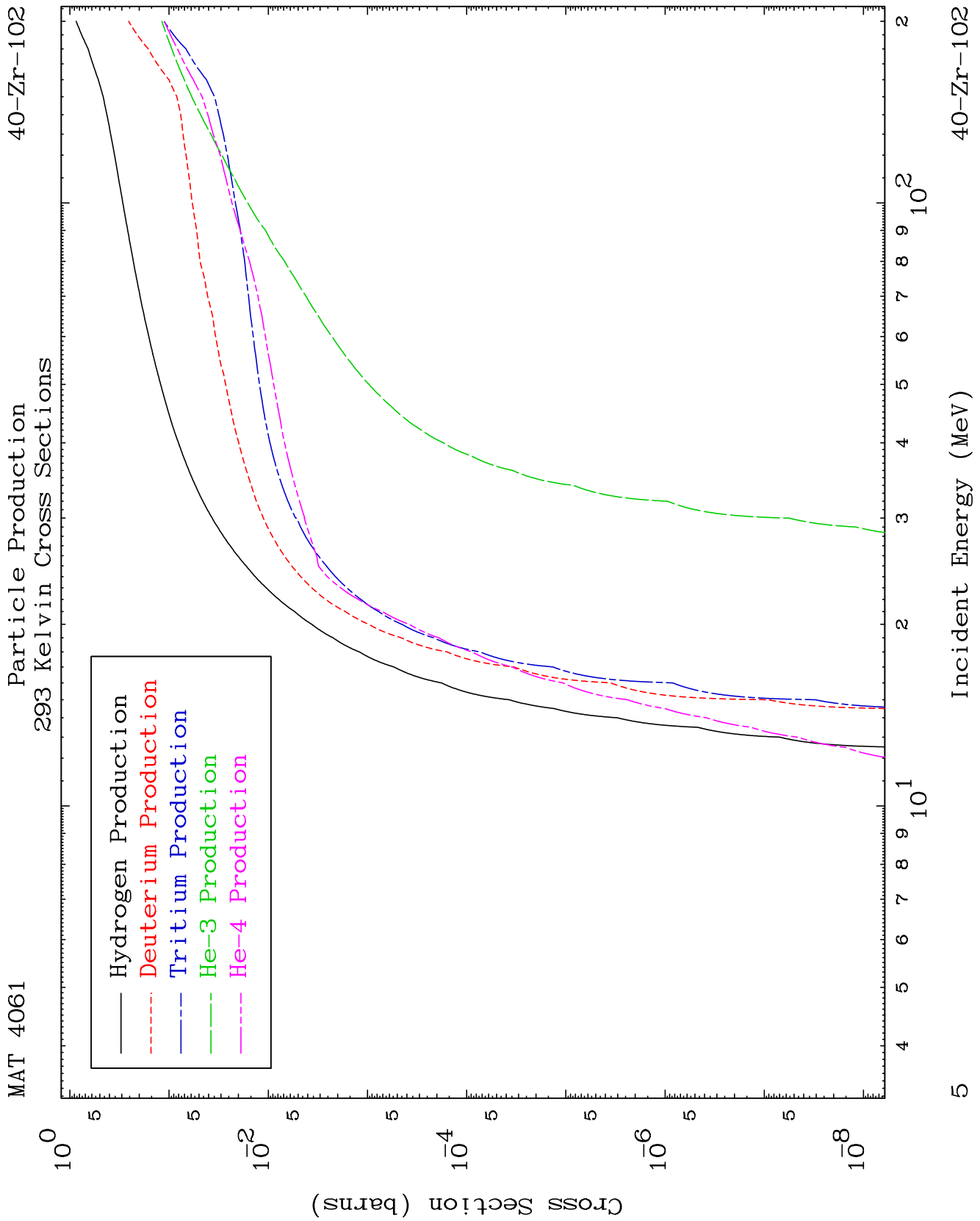
40-Zr-102

MAT 4061

Charged Particle  
293 Kelvin Cross Sections

40-Zr-102



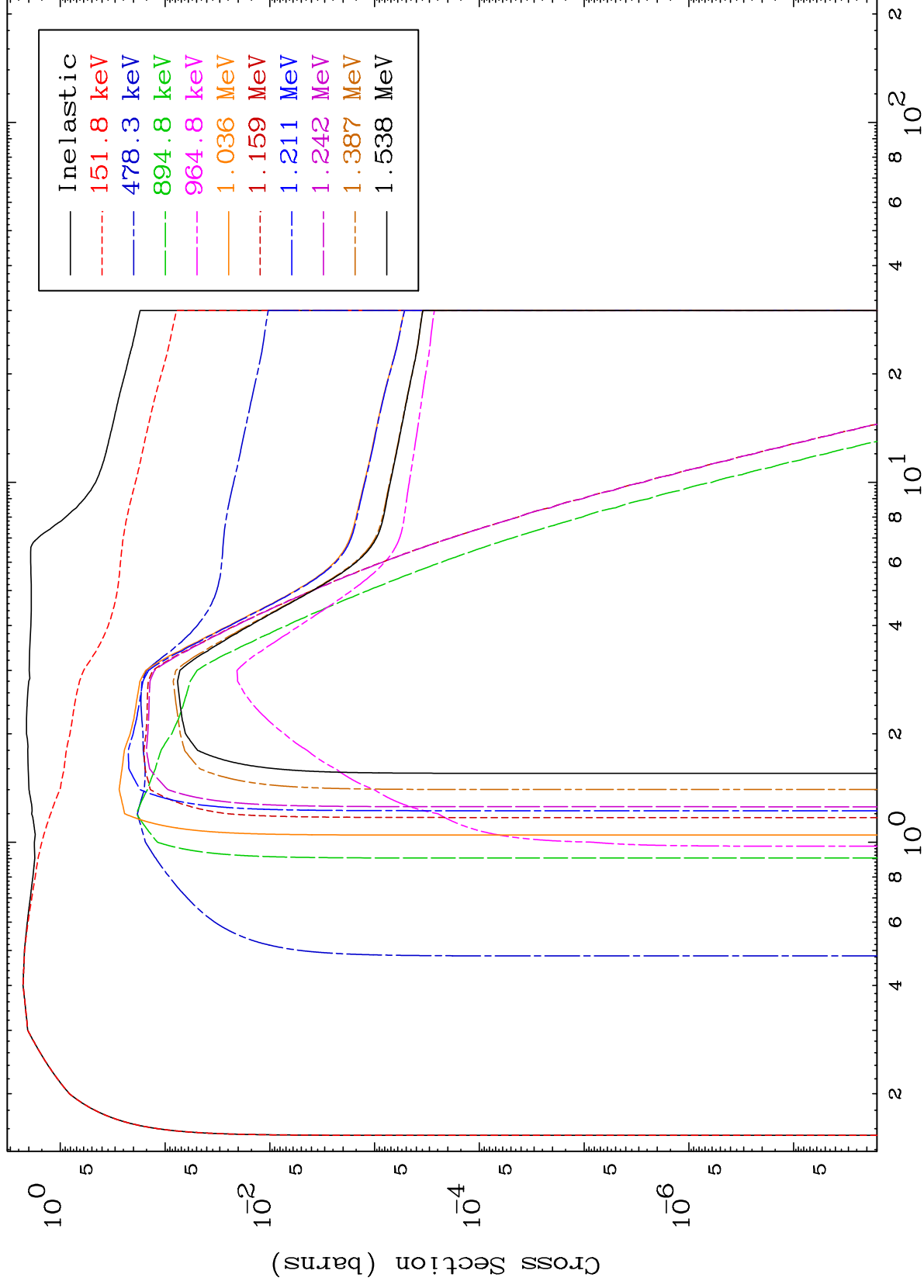


MAT 4061

(n,n') Level

40-Zr-102

293 Kelvin Cross Sections



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Incident Energy (MeV)

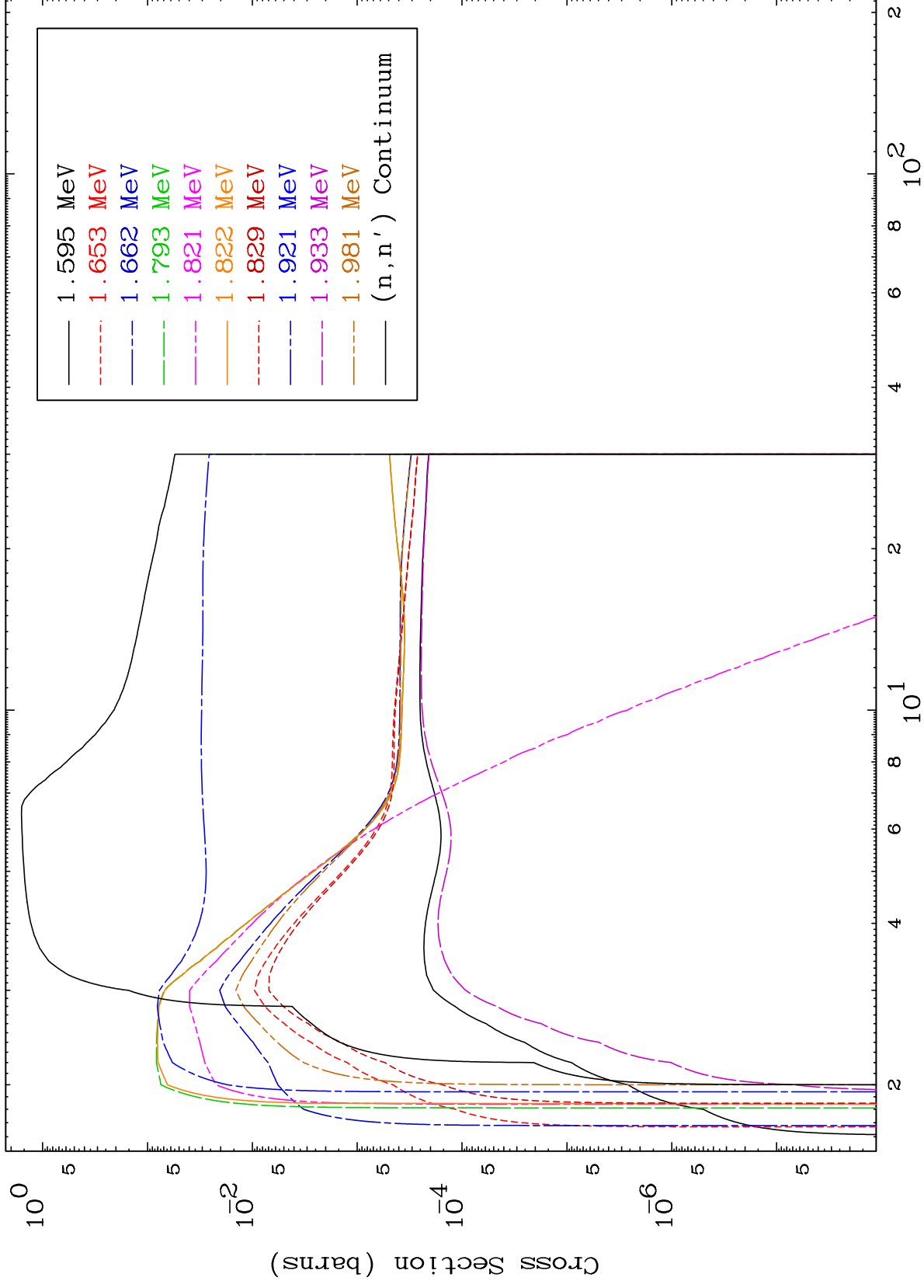
40-Zr-102

MAT 4061

(n,n') Level

293 Kelvin Cross Sections

40-Zr-102



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Incident Energy (MeV)

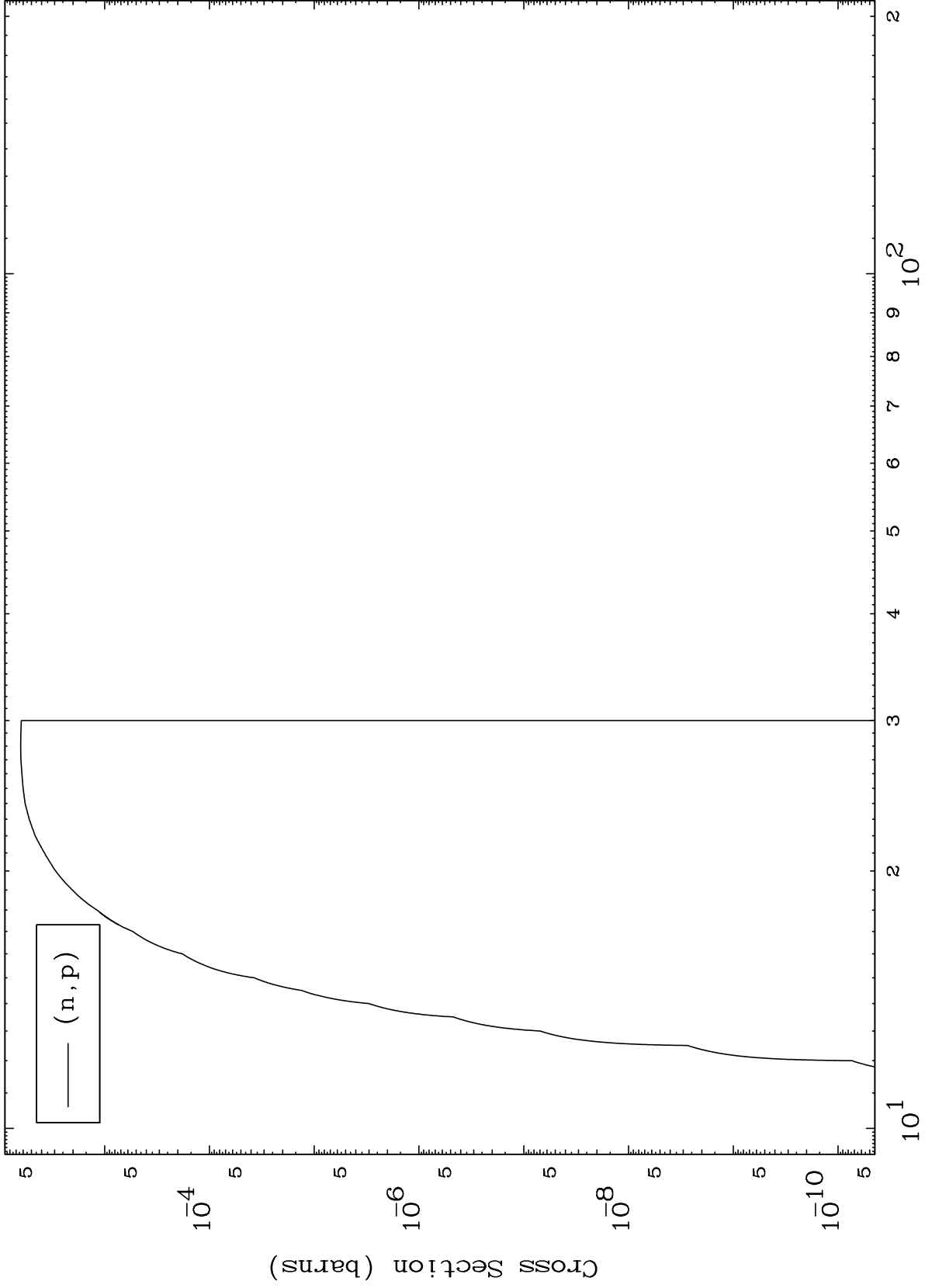
40-Zr-102



MAT 4061

(n,p) Levels  
293 Kelvin Cross Sections

40-Zr-102



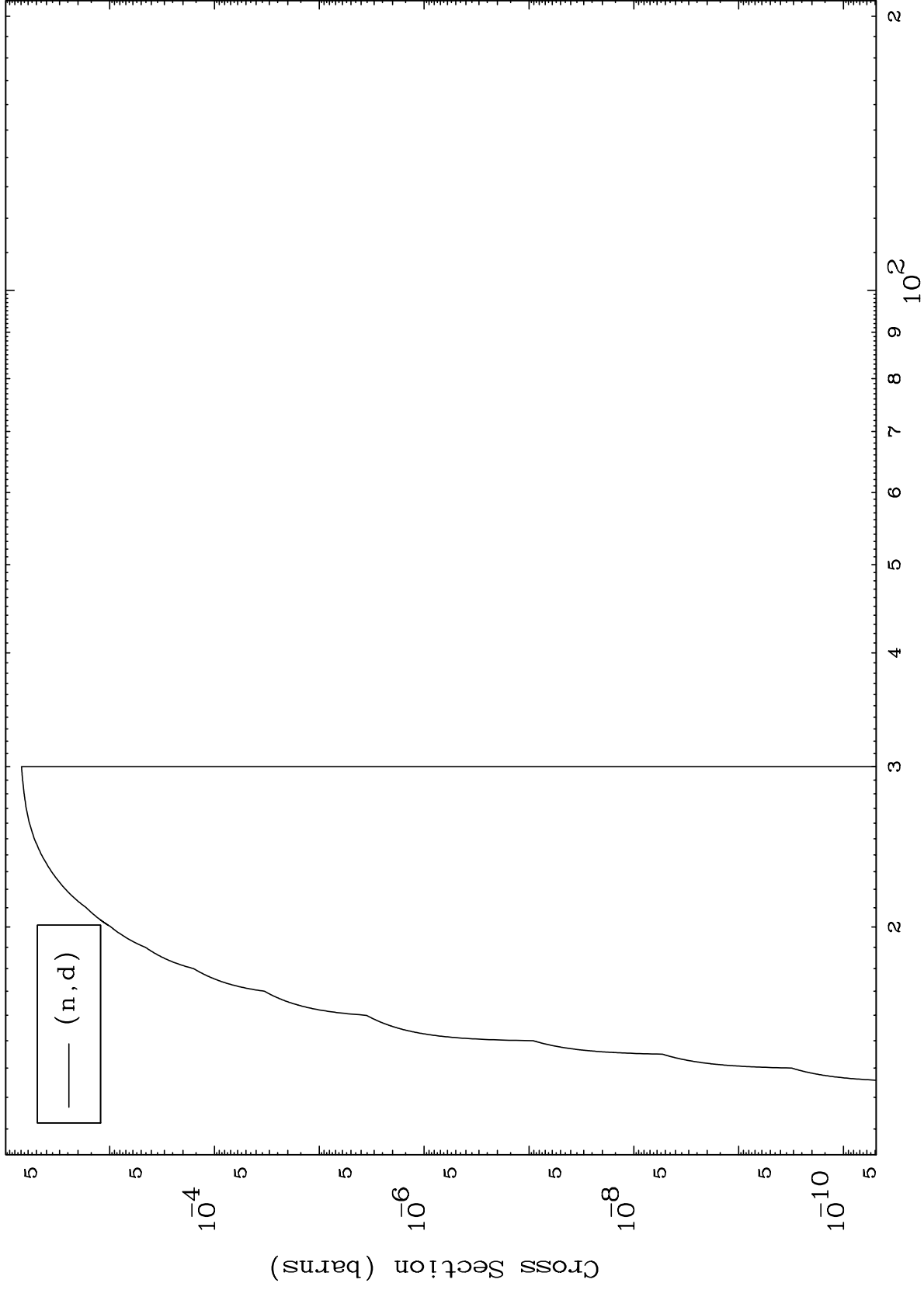
Incident Energy (MeV)

40-Zr-102

MAT 4061

40-Zr-102

(n,d) Levels  
293 Kelvin Cross Sections



40-Zr-102

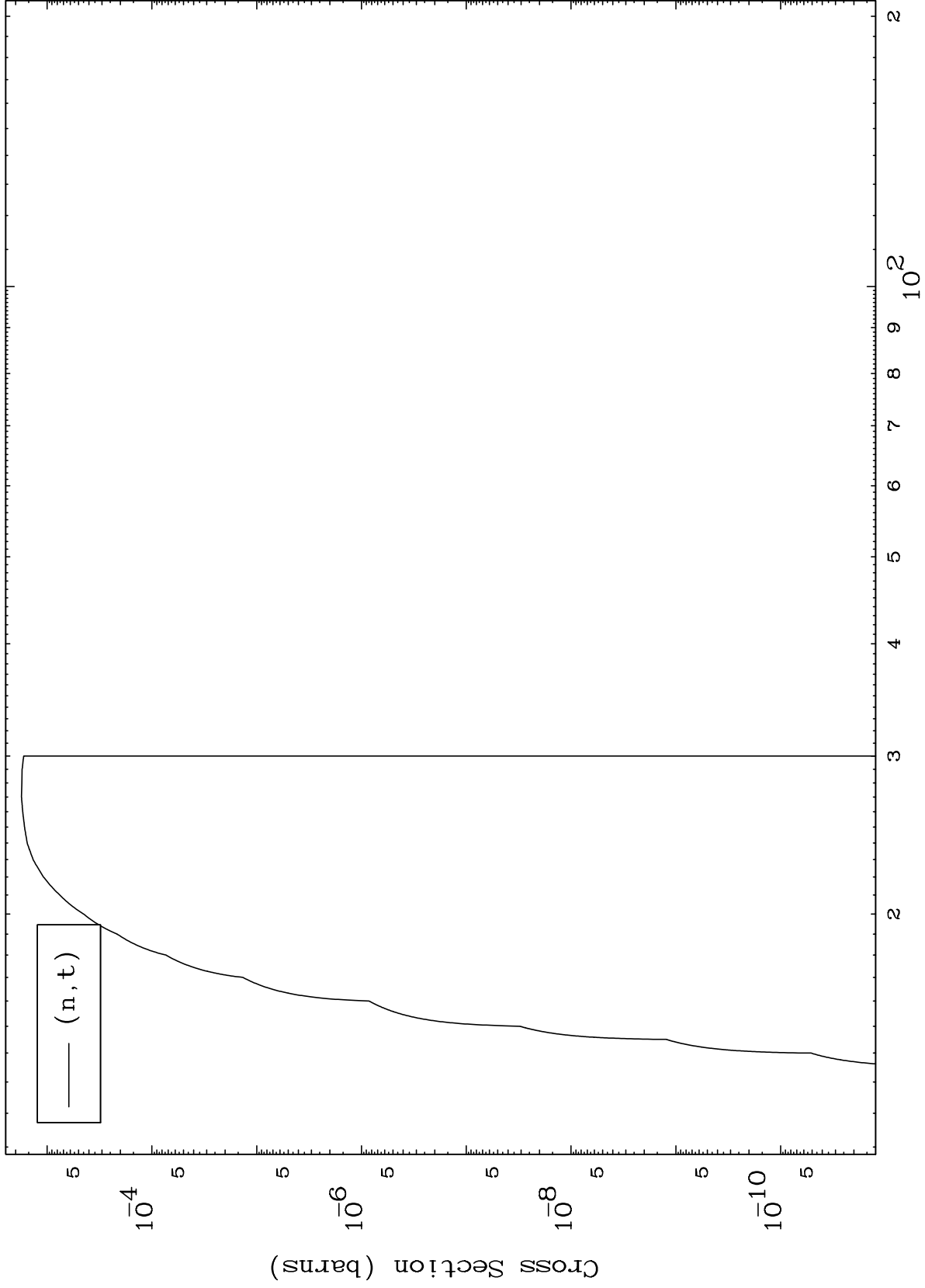
Incident Energy (MeV)

9

MAT 4061

(n,t) Levels  
293 Kelvin Cross Sections

40-Zr-102



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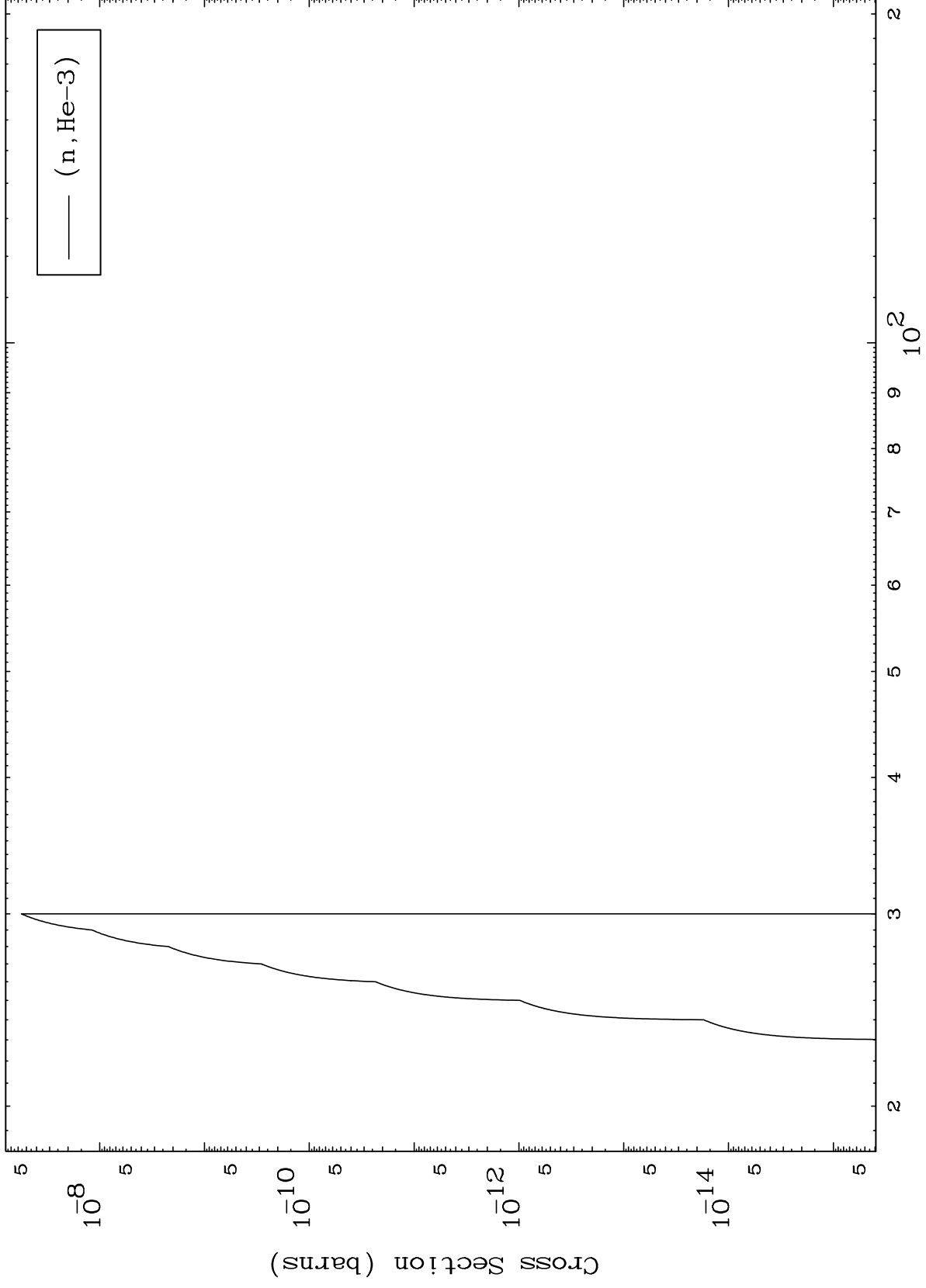
Incident Energy (MeV)

40-Zr-102

MAT 4061

(n,He3) Levels  
293 Kelvin Cross Sections

40-Zr-102



11

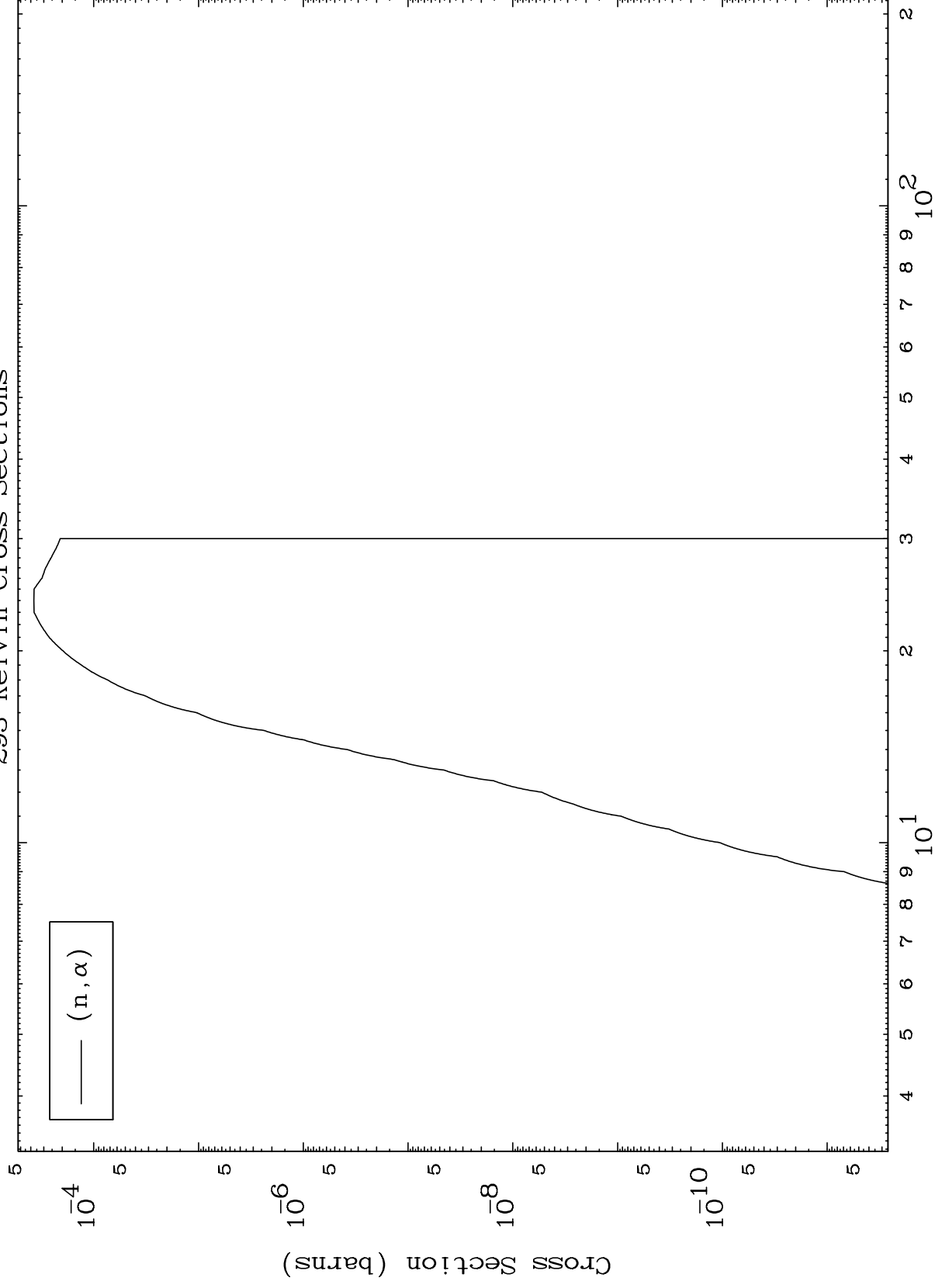
Incident Energy (MeV)

40-Zr-102

MAT 4061

40-Zr-102

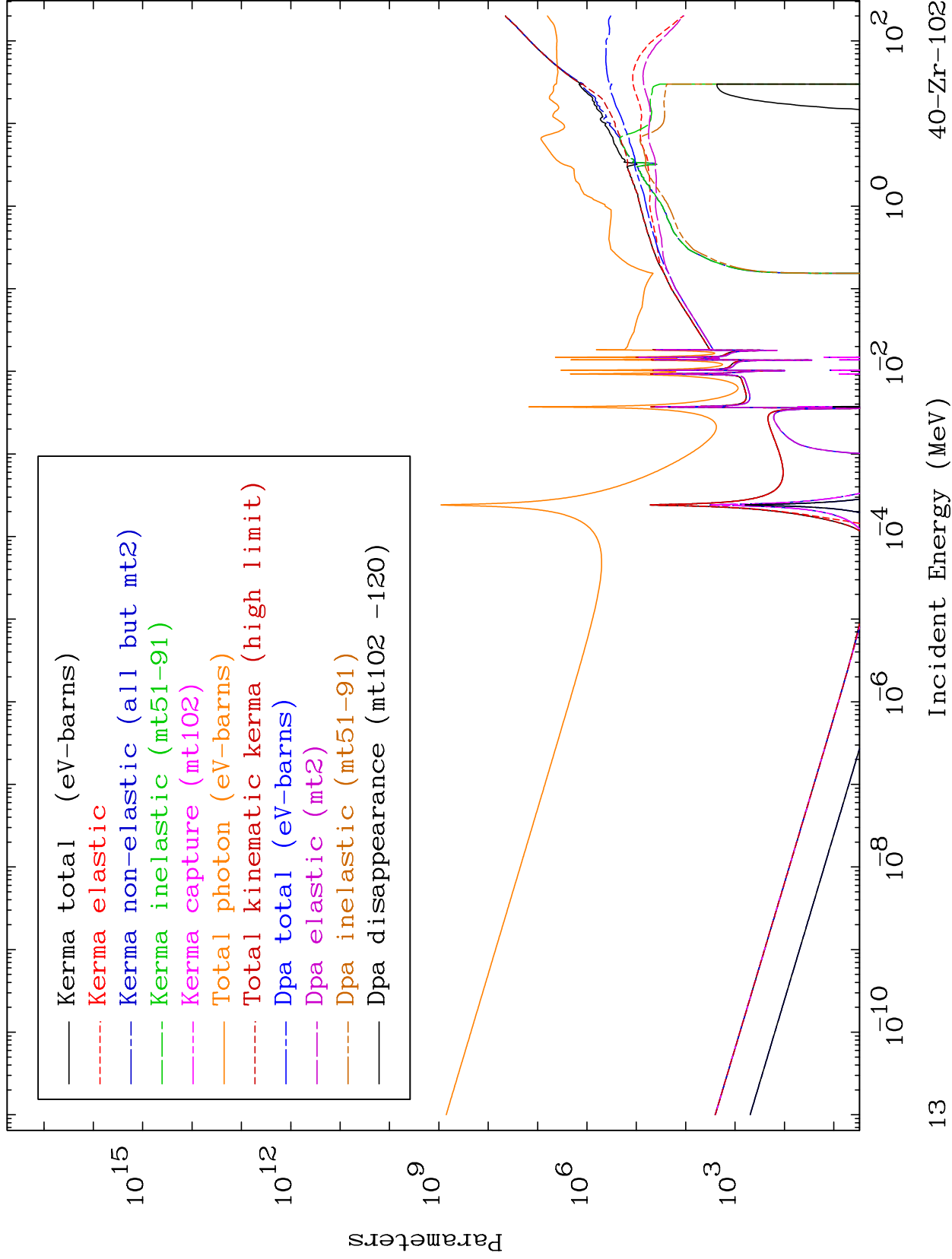
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections



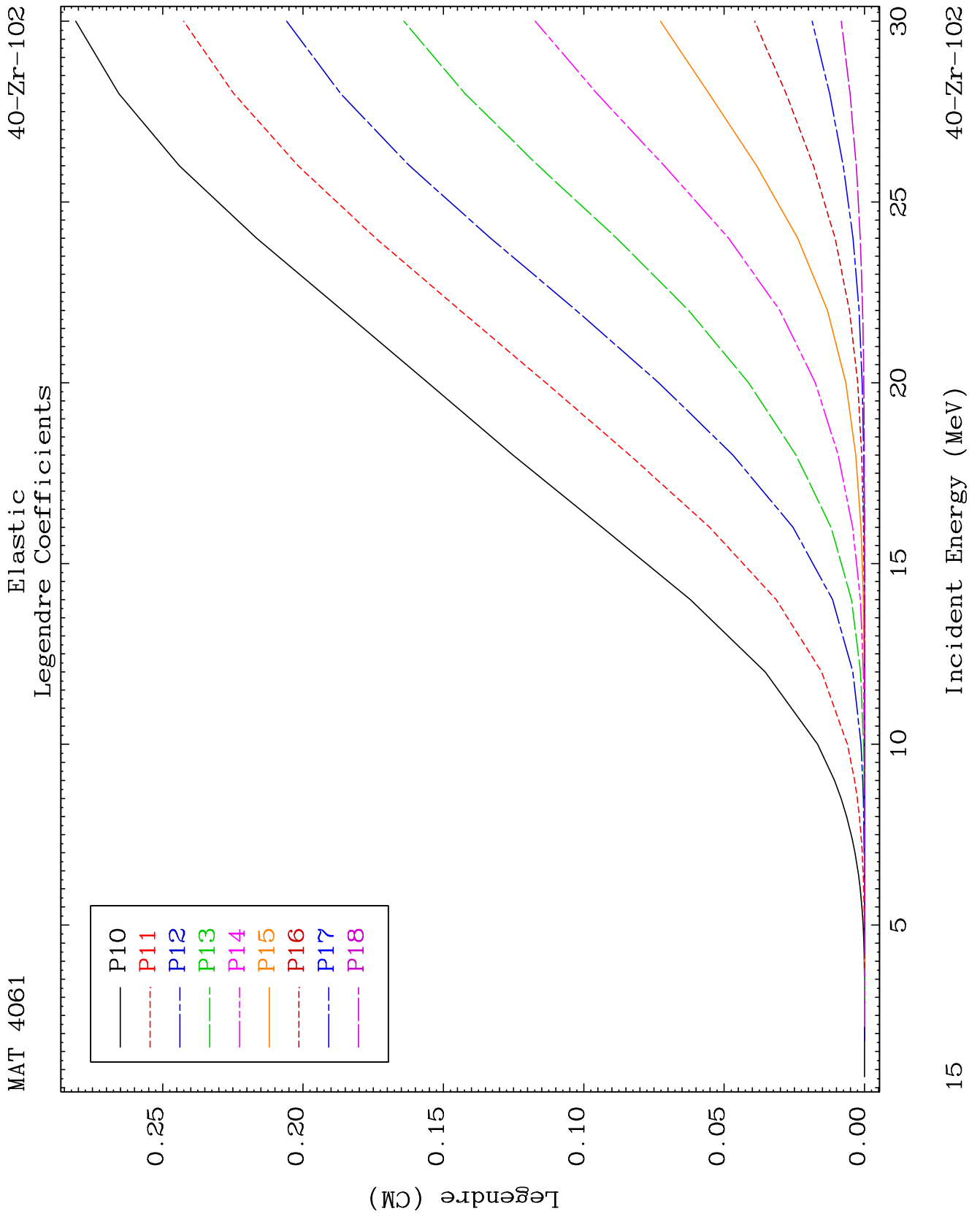
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Incident Energy (MeV)

12





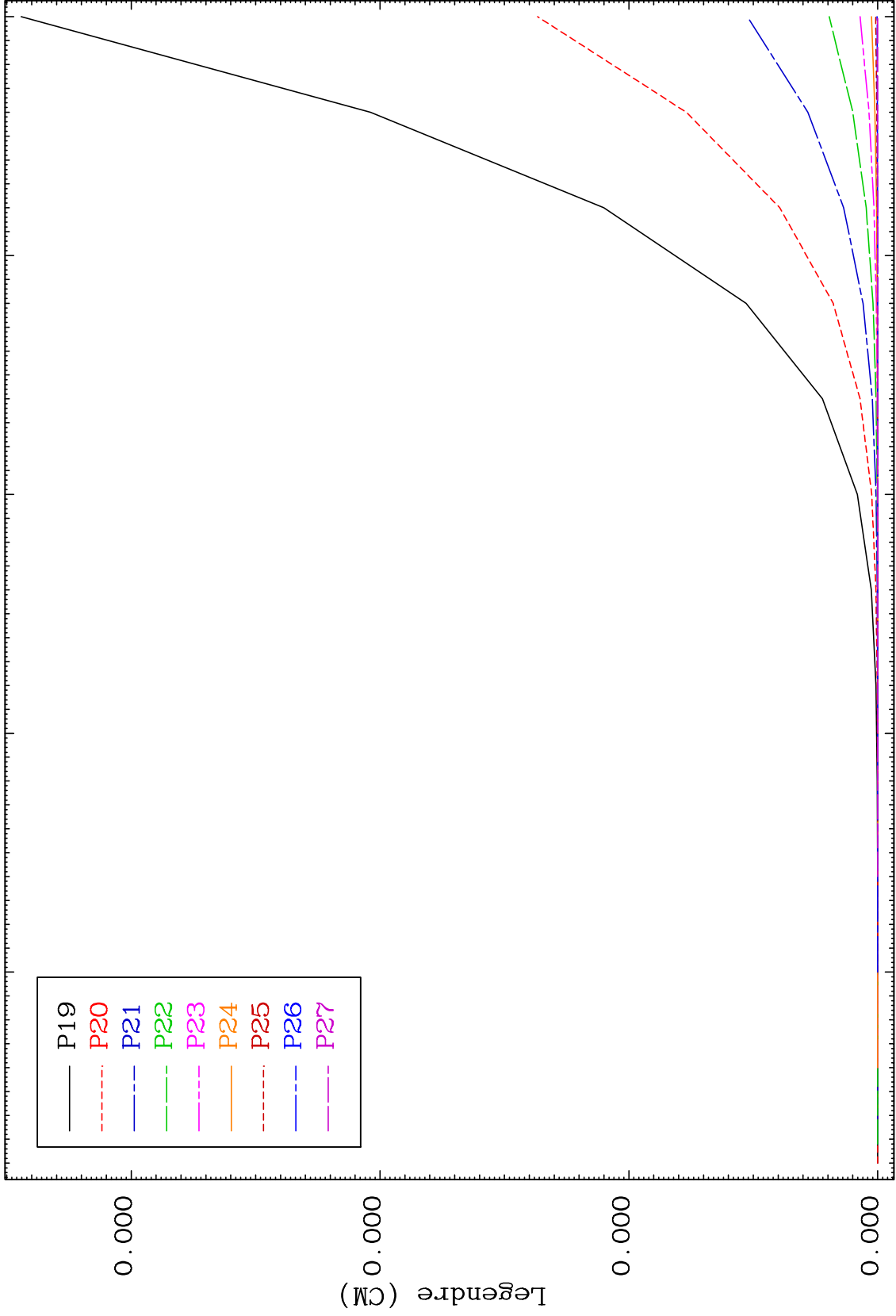




MAT 4061

Elastic  
Legendre Coefficients

40-Zr-102



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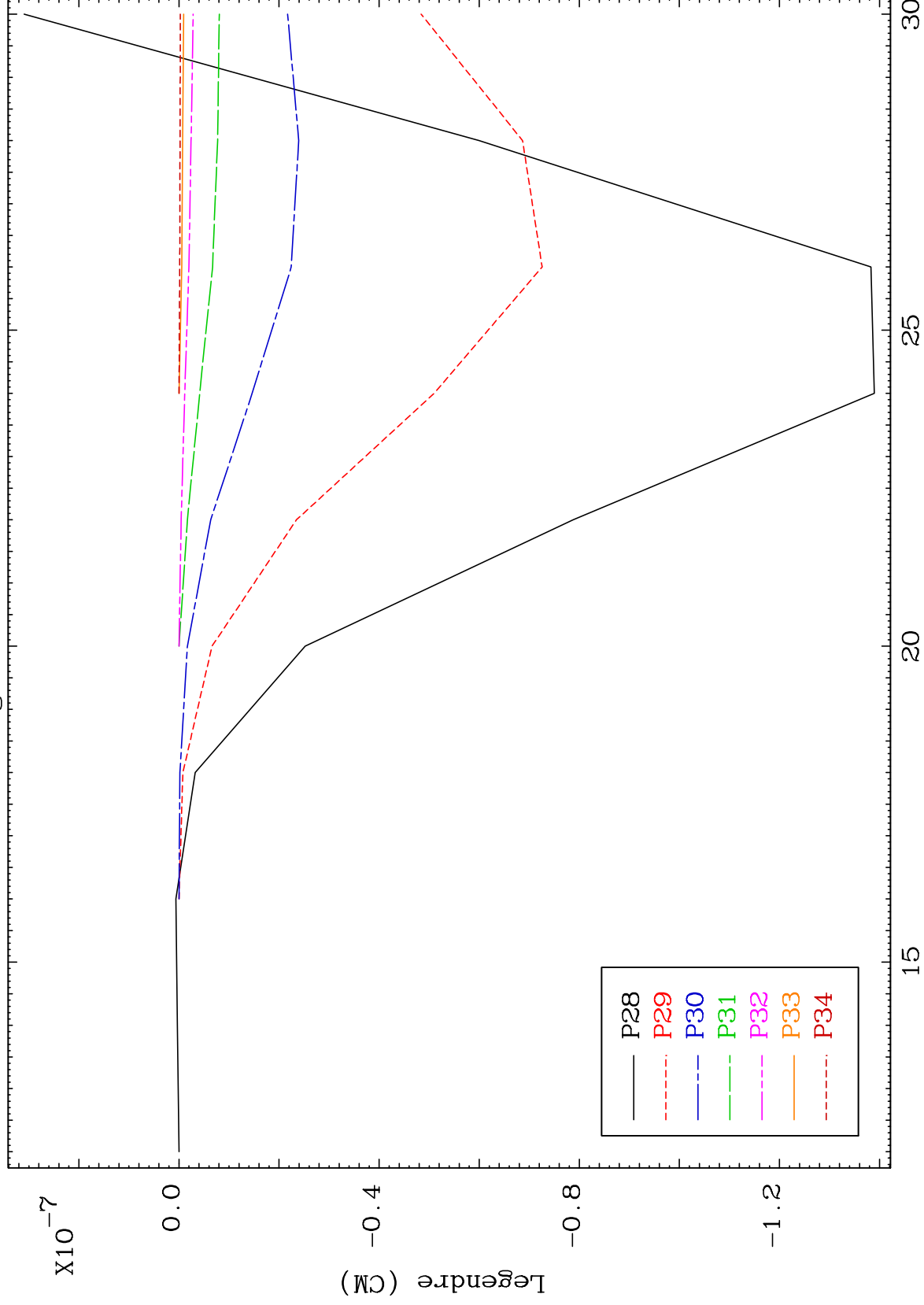
Incident Energy (MeV)

40-Zr-102

MAT 4061

Elastic Legendre Coefficients

40-Zr-102

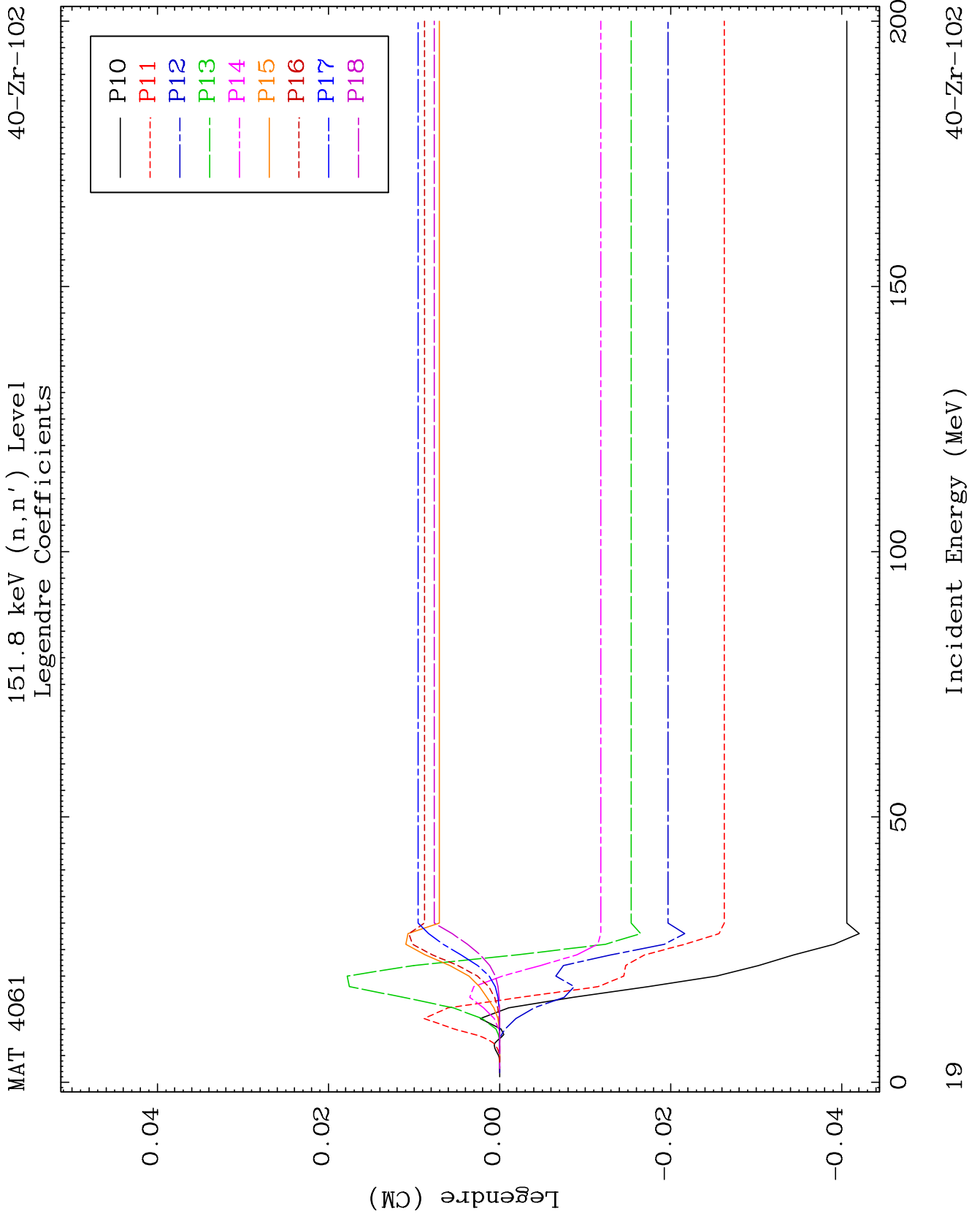


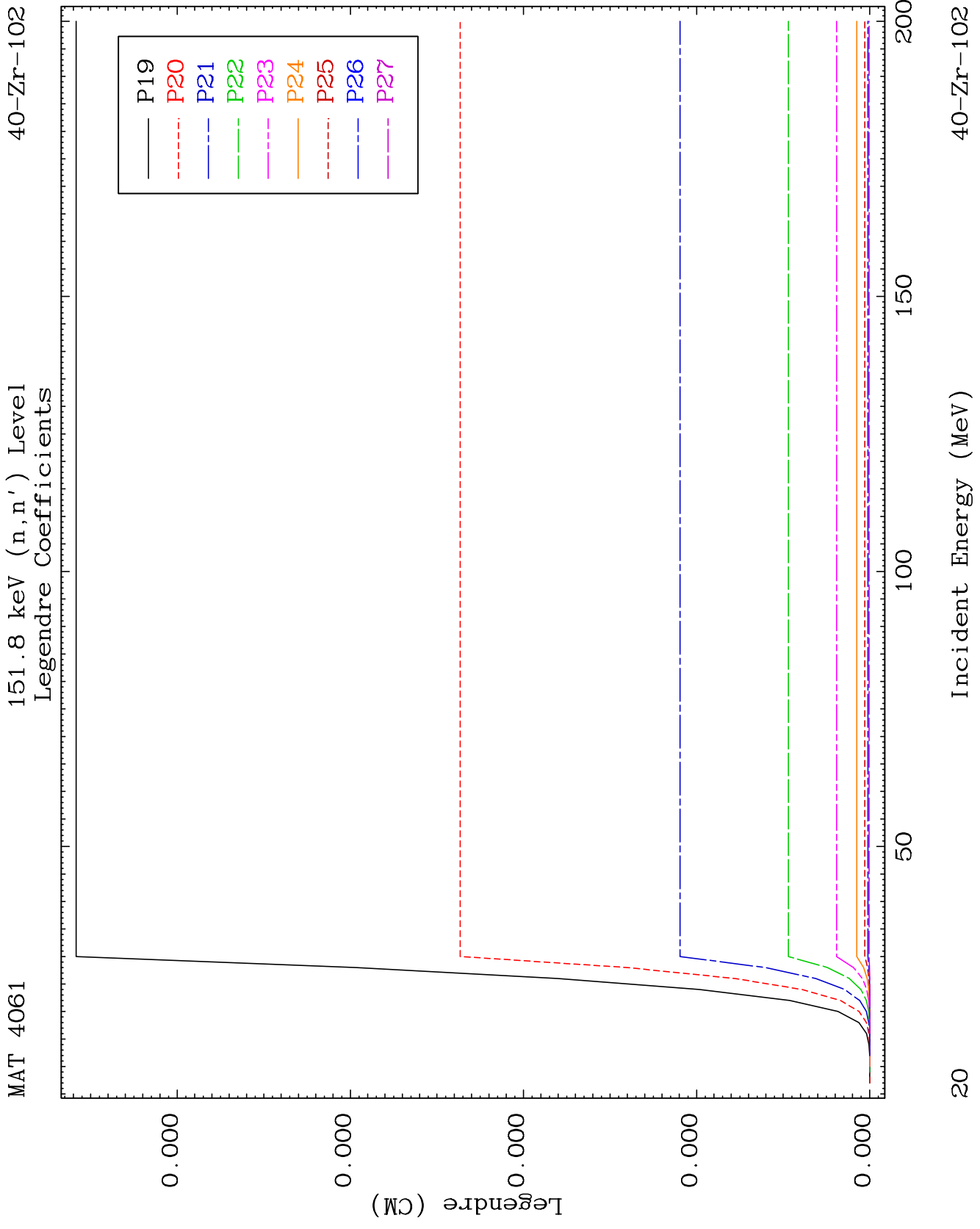
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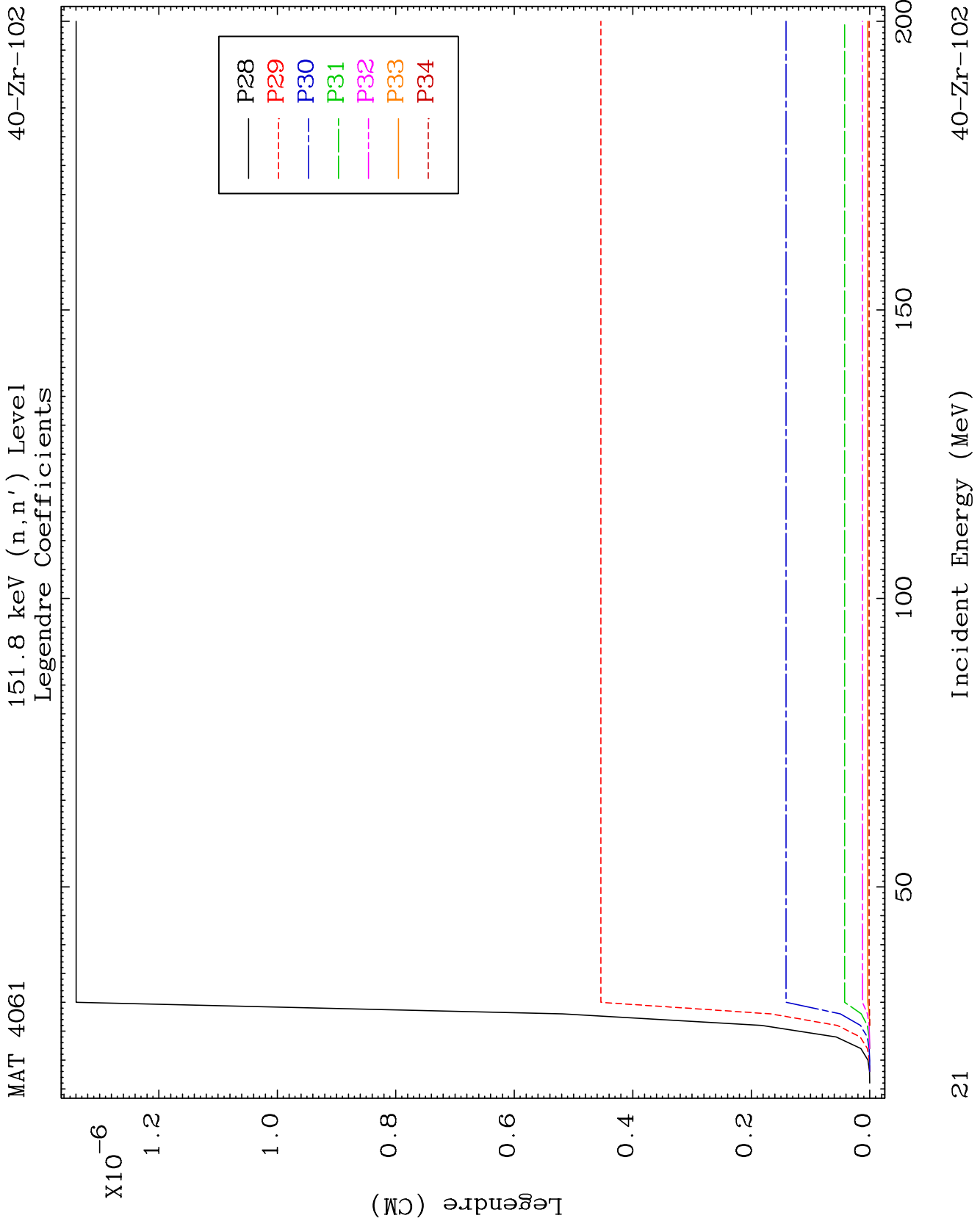
Incident Energy (MeV)

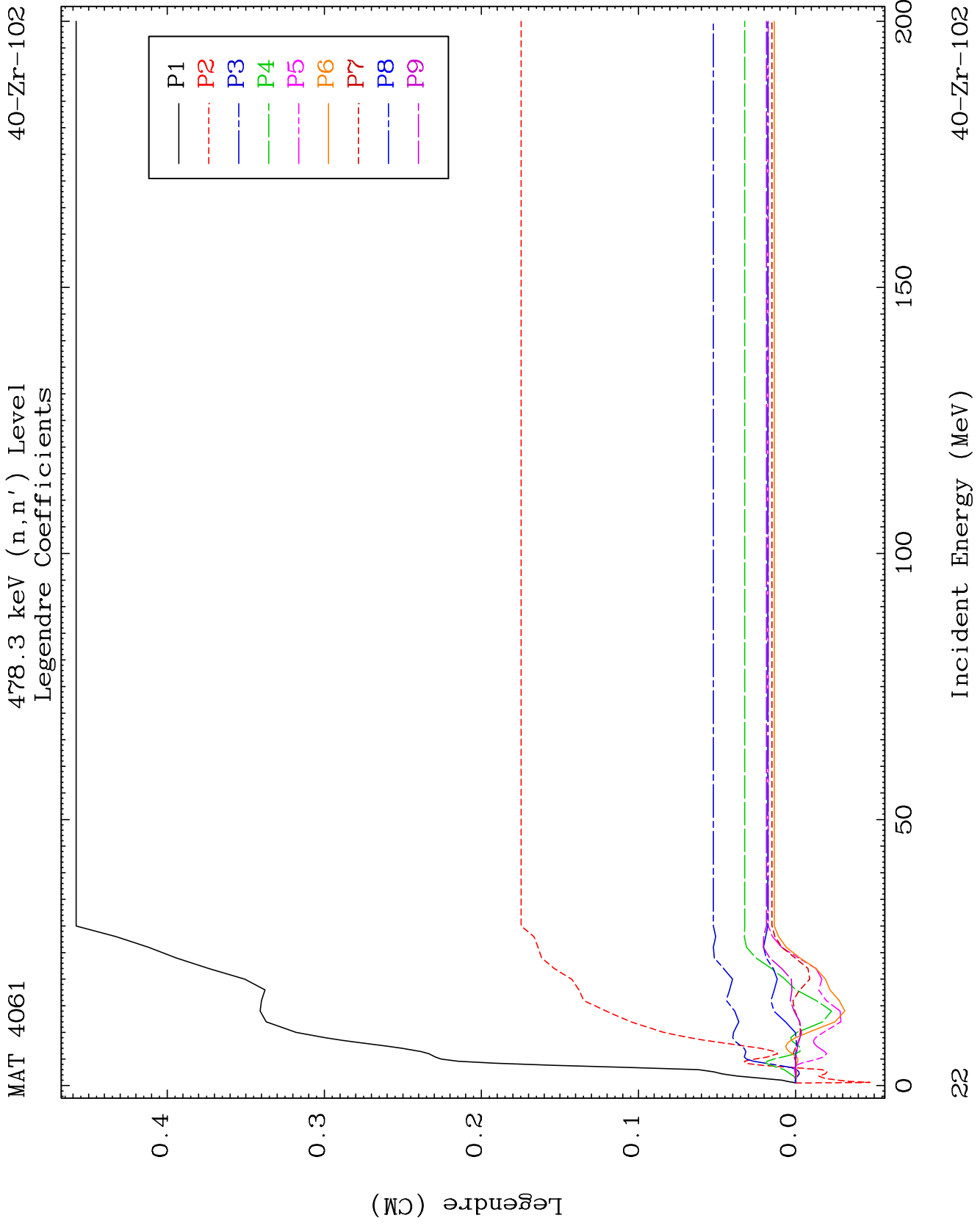
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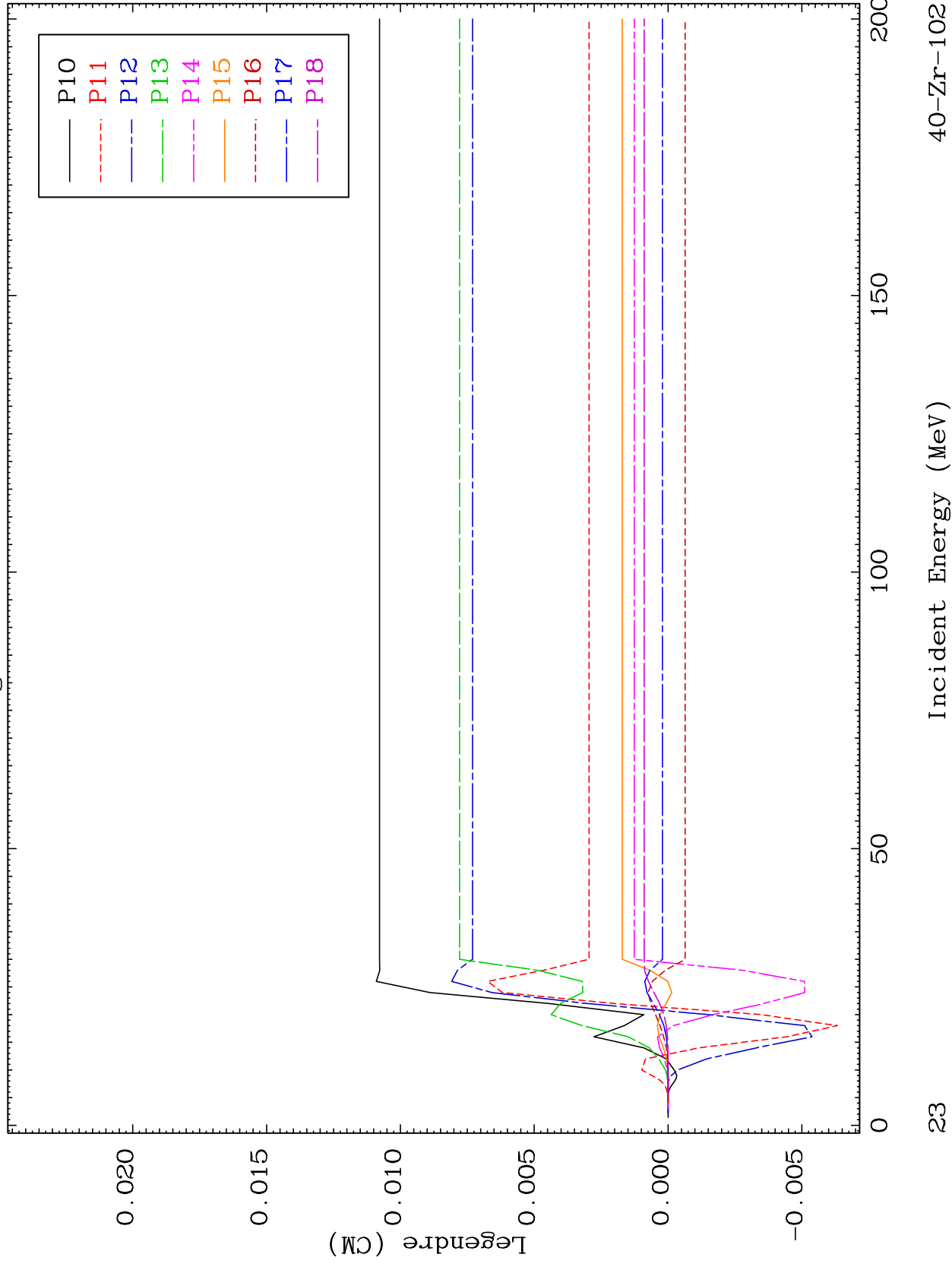




MAT 4061

478.3 keV (n,n') Level  
Legendre Coefficients

40-Zr-102



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Incident Energy (MeV)

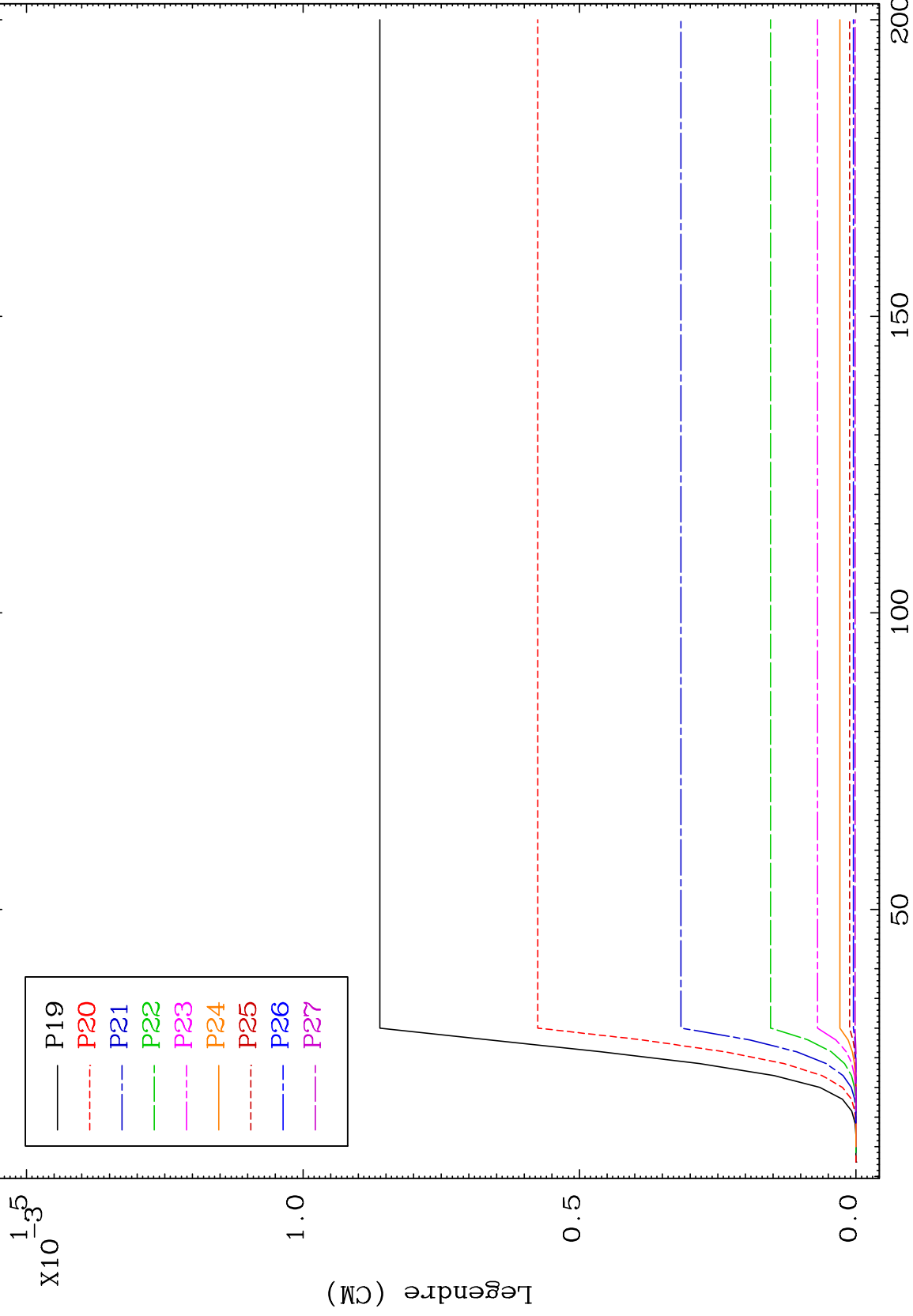
40-Zr-102



MAT 4061

478.3 keV (n,n') Level  
Legendre Coefficients

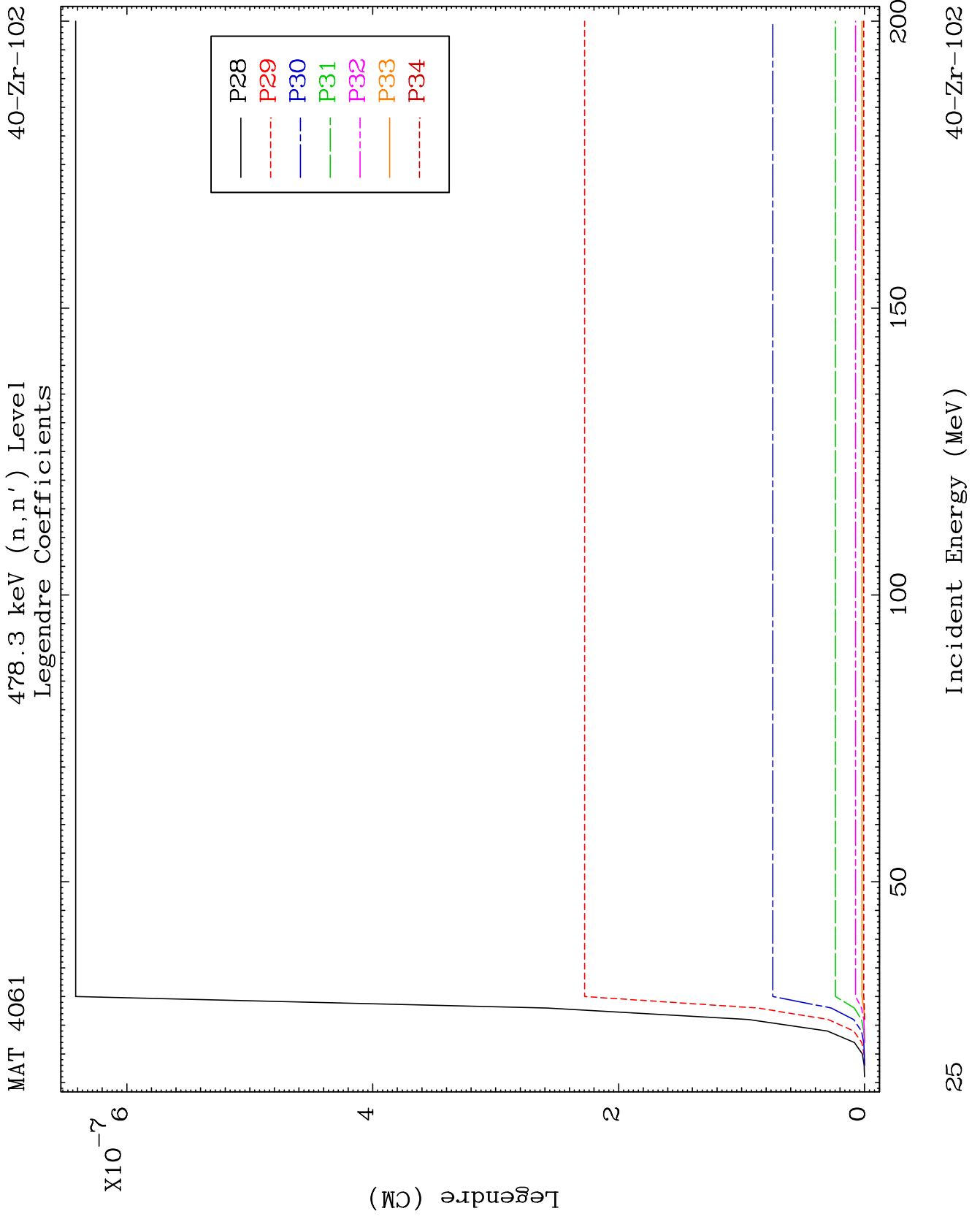
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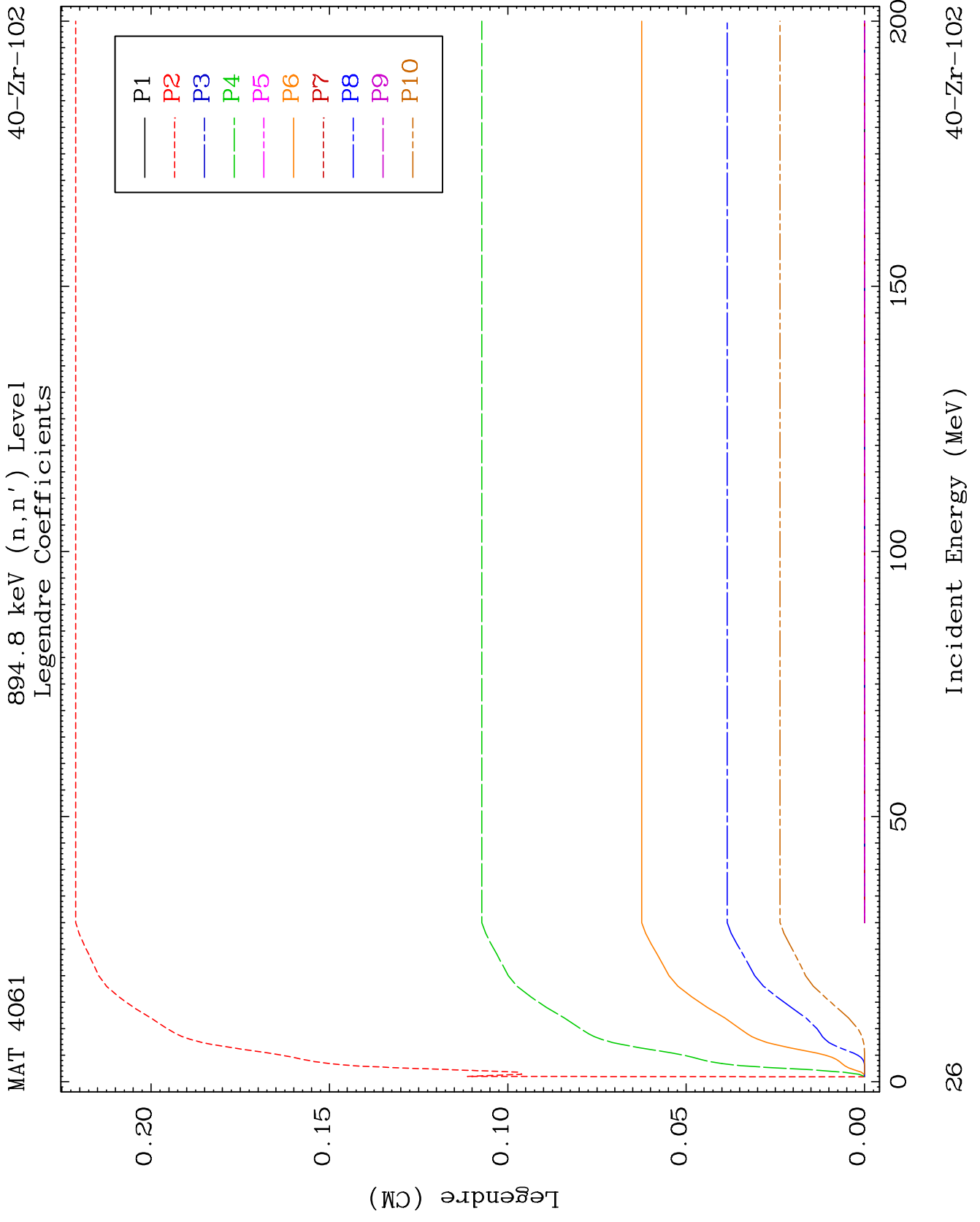


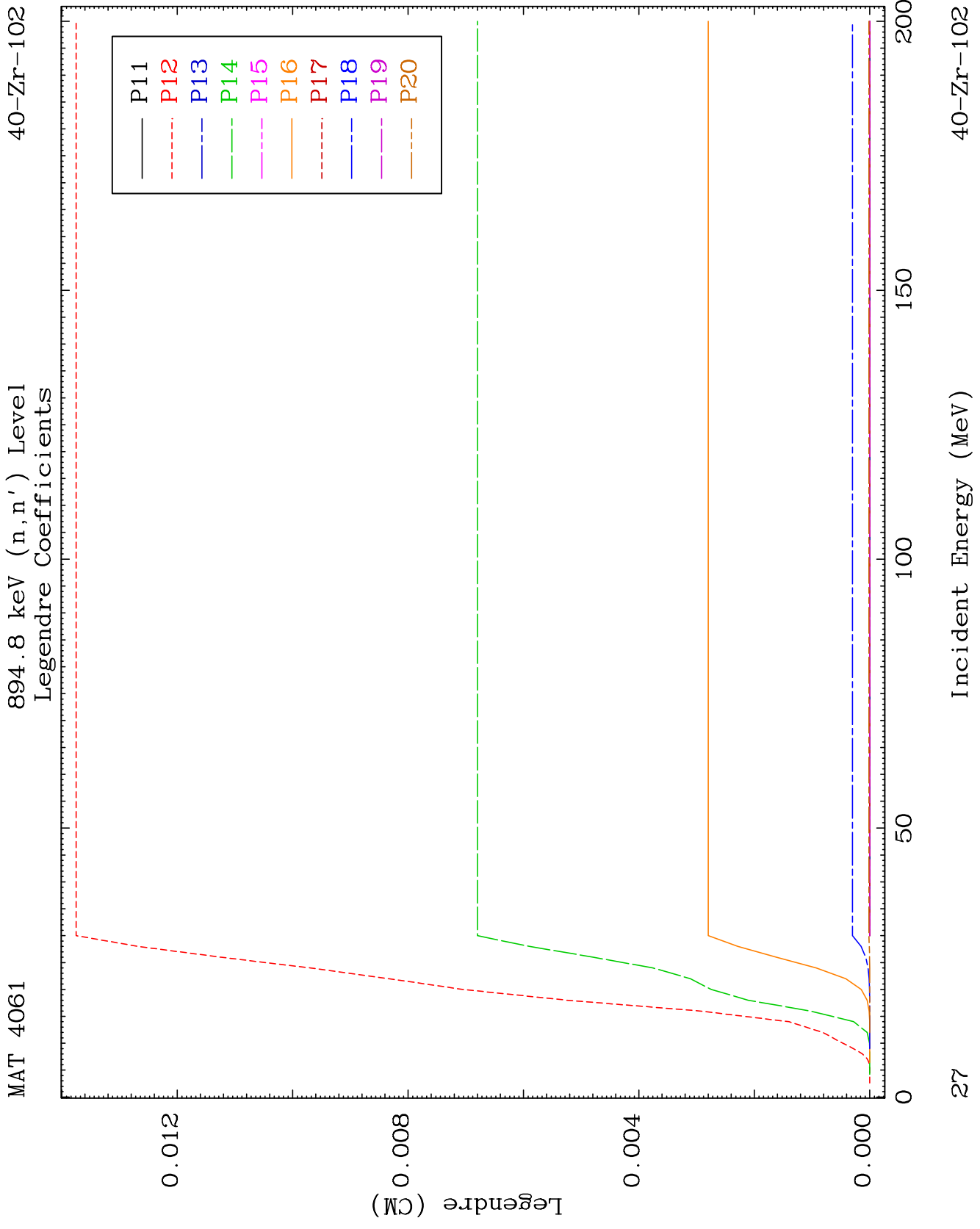
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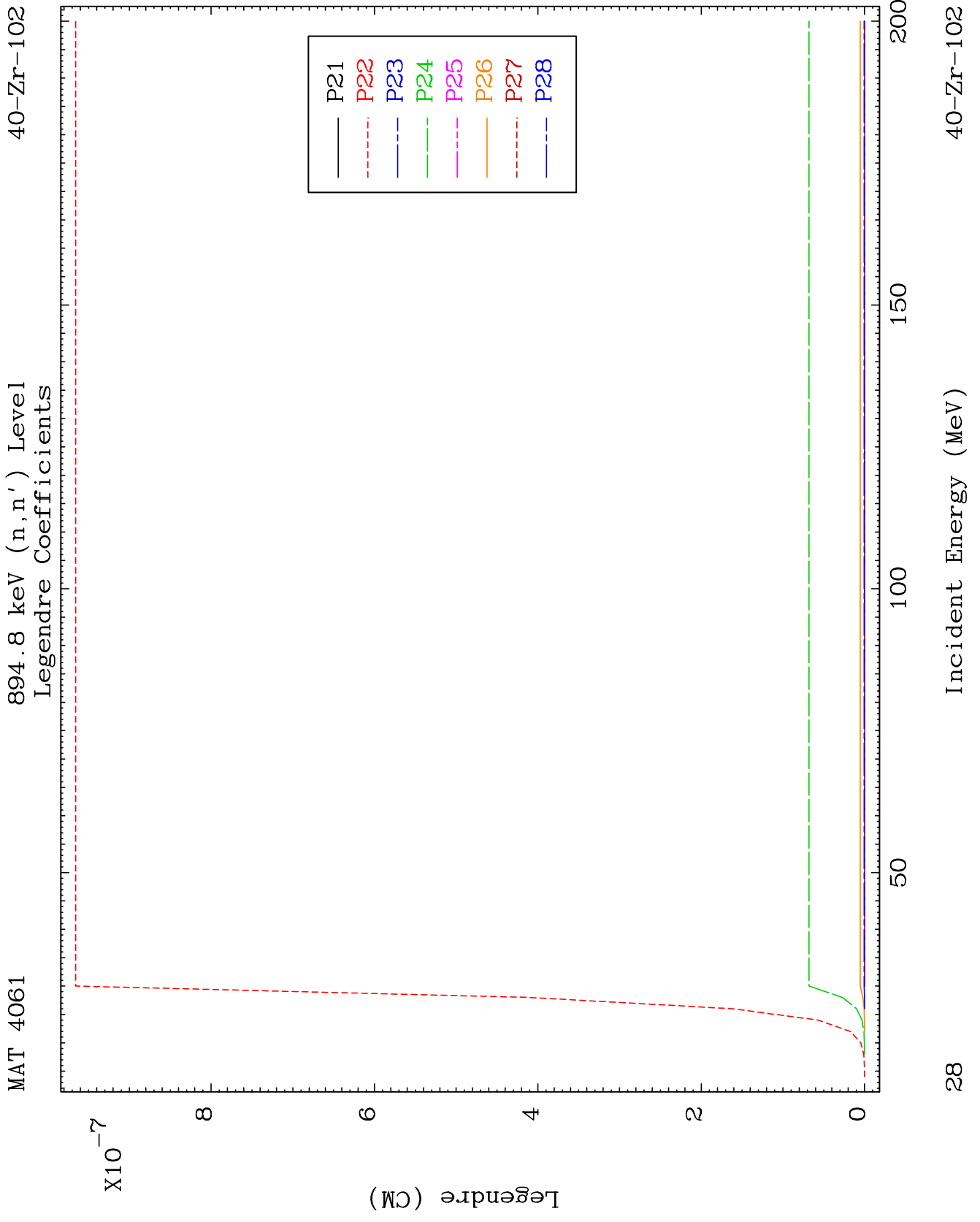
Incident Energy (MeV)

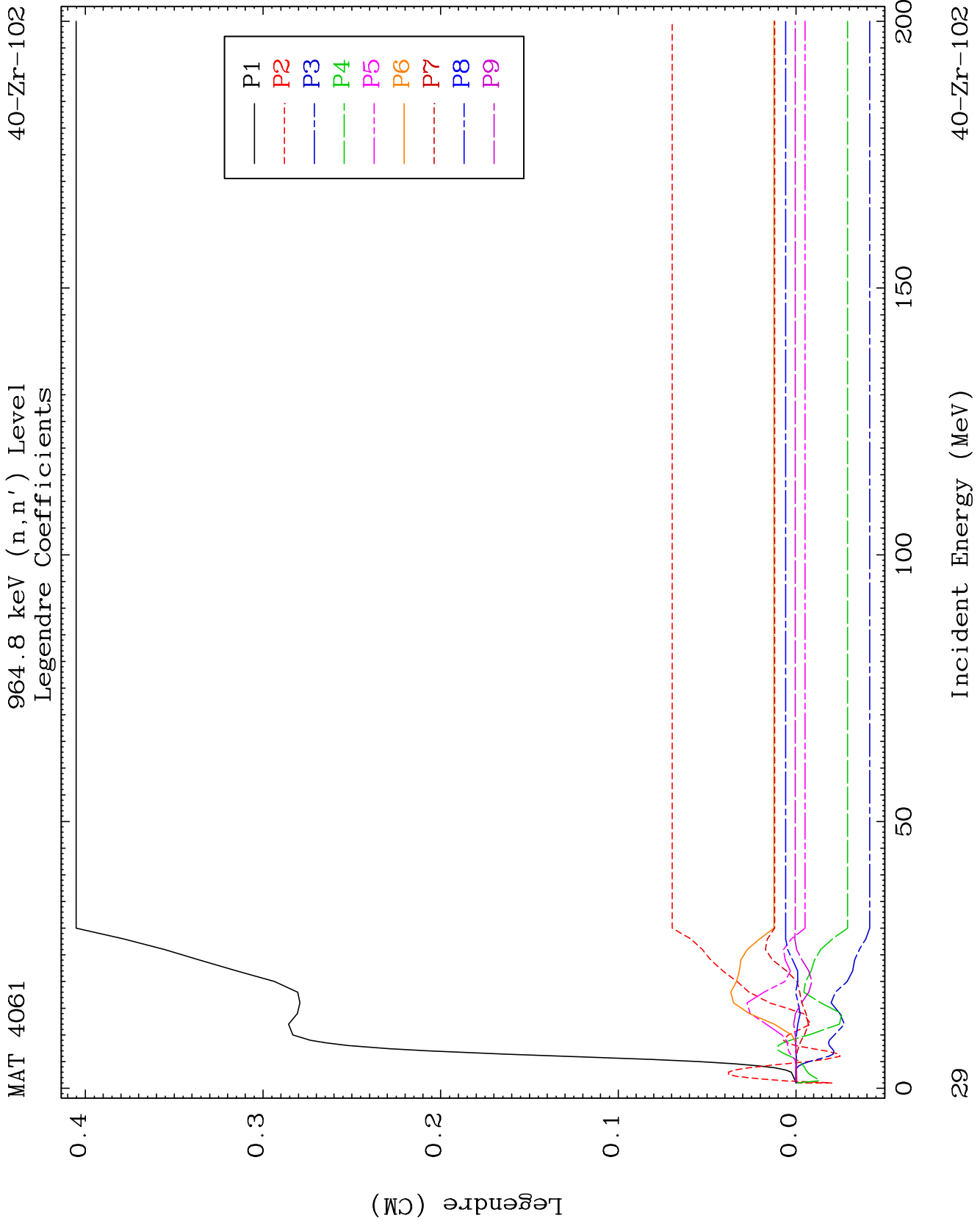
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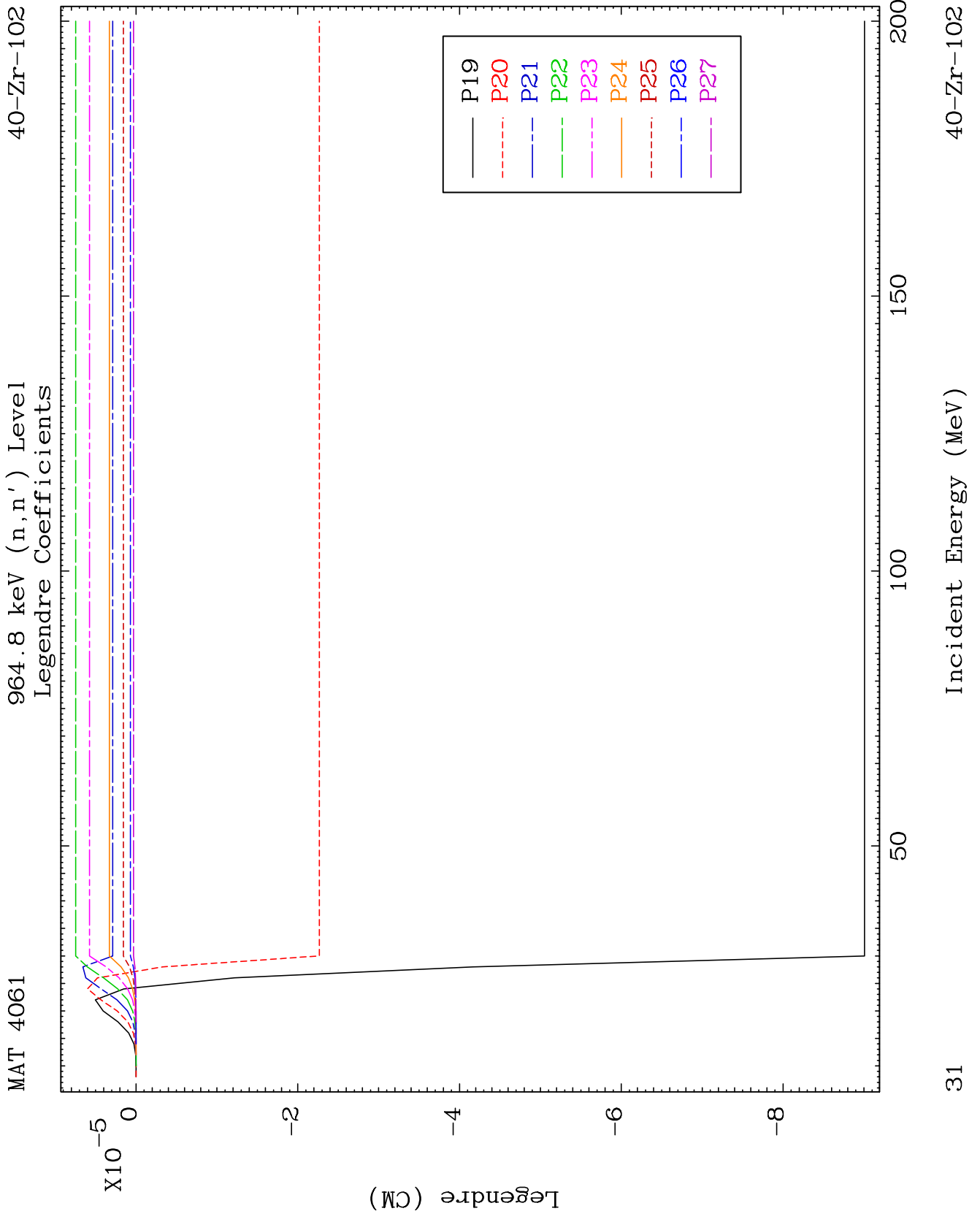




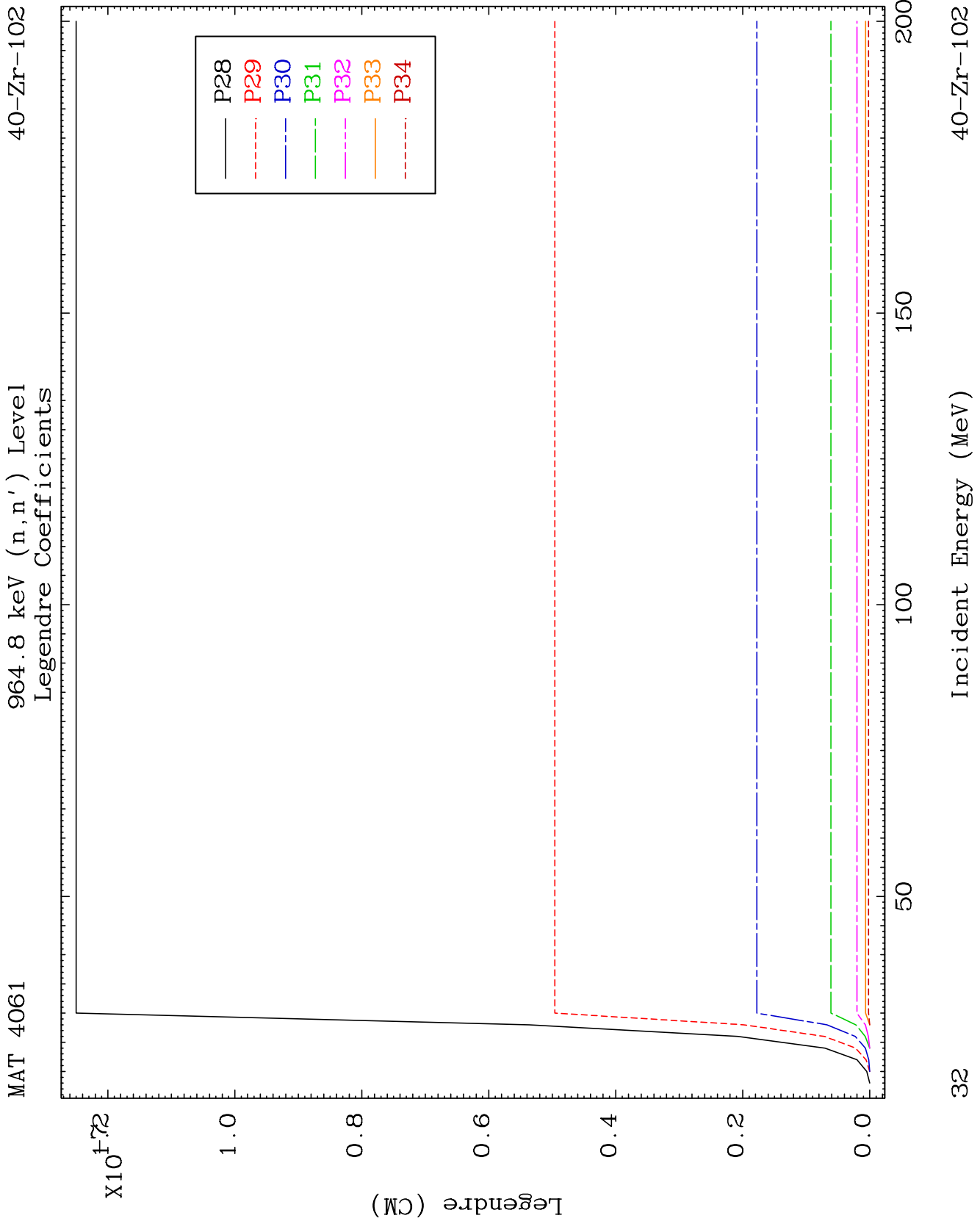


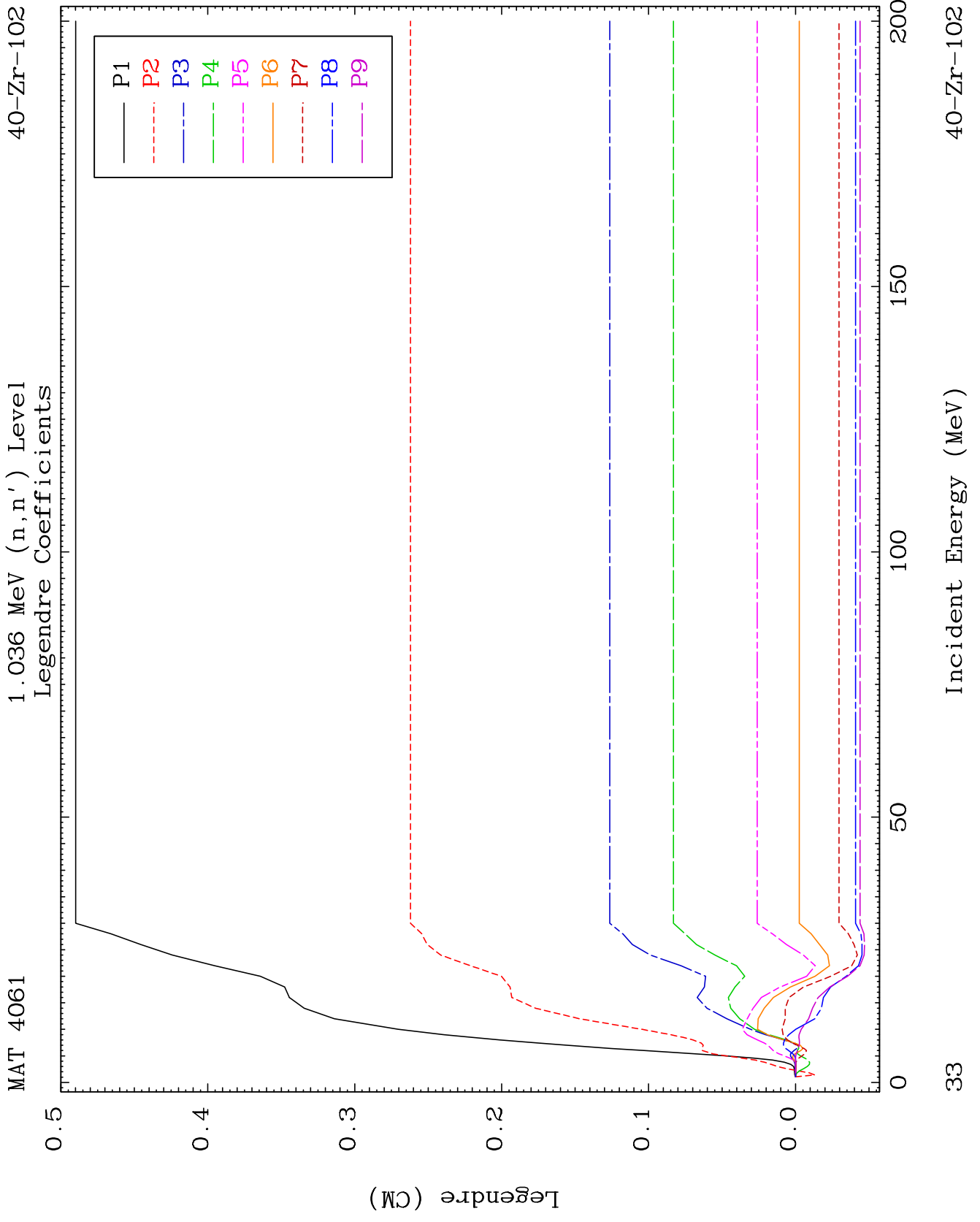


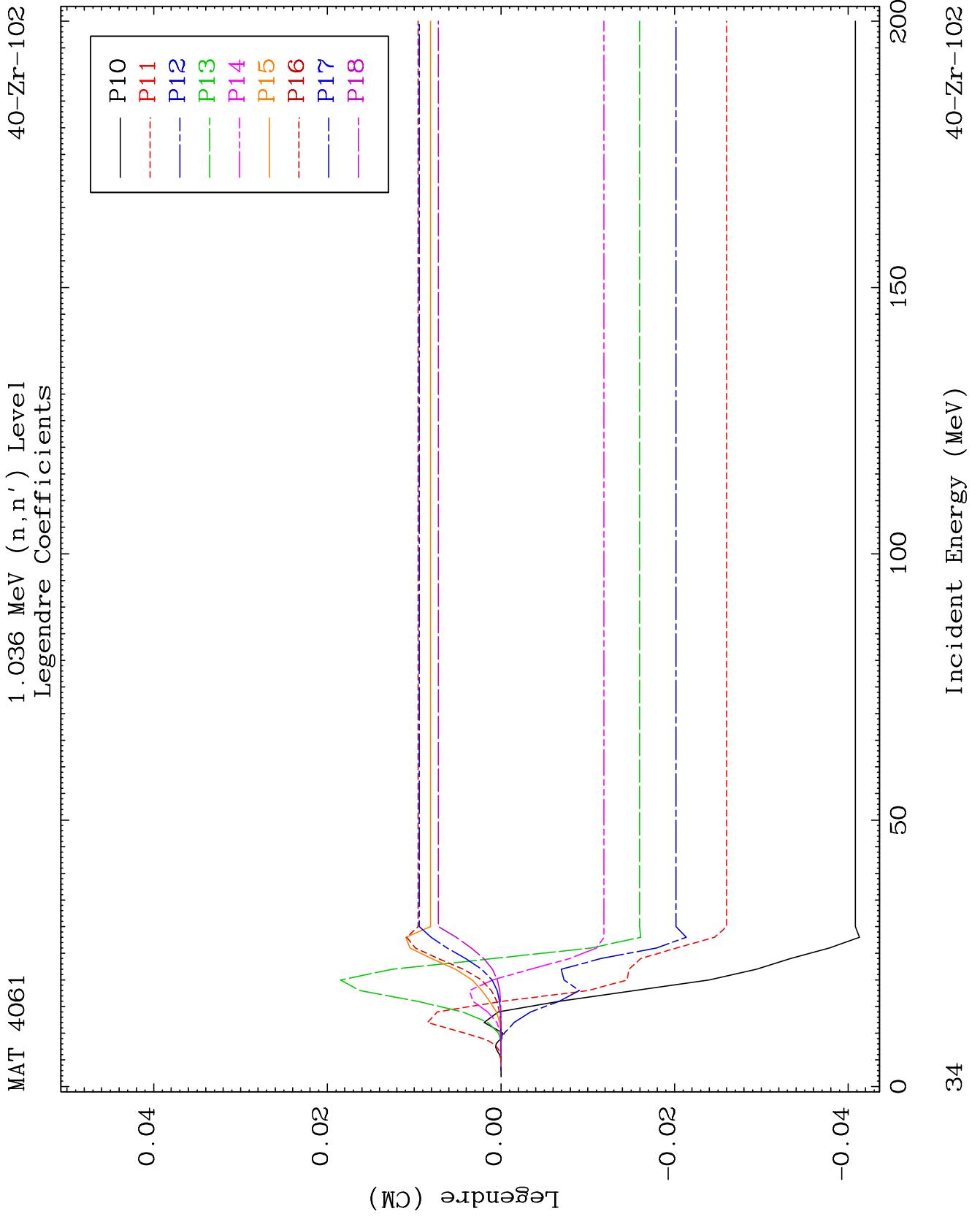


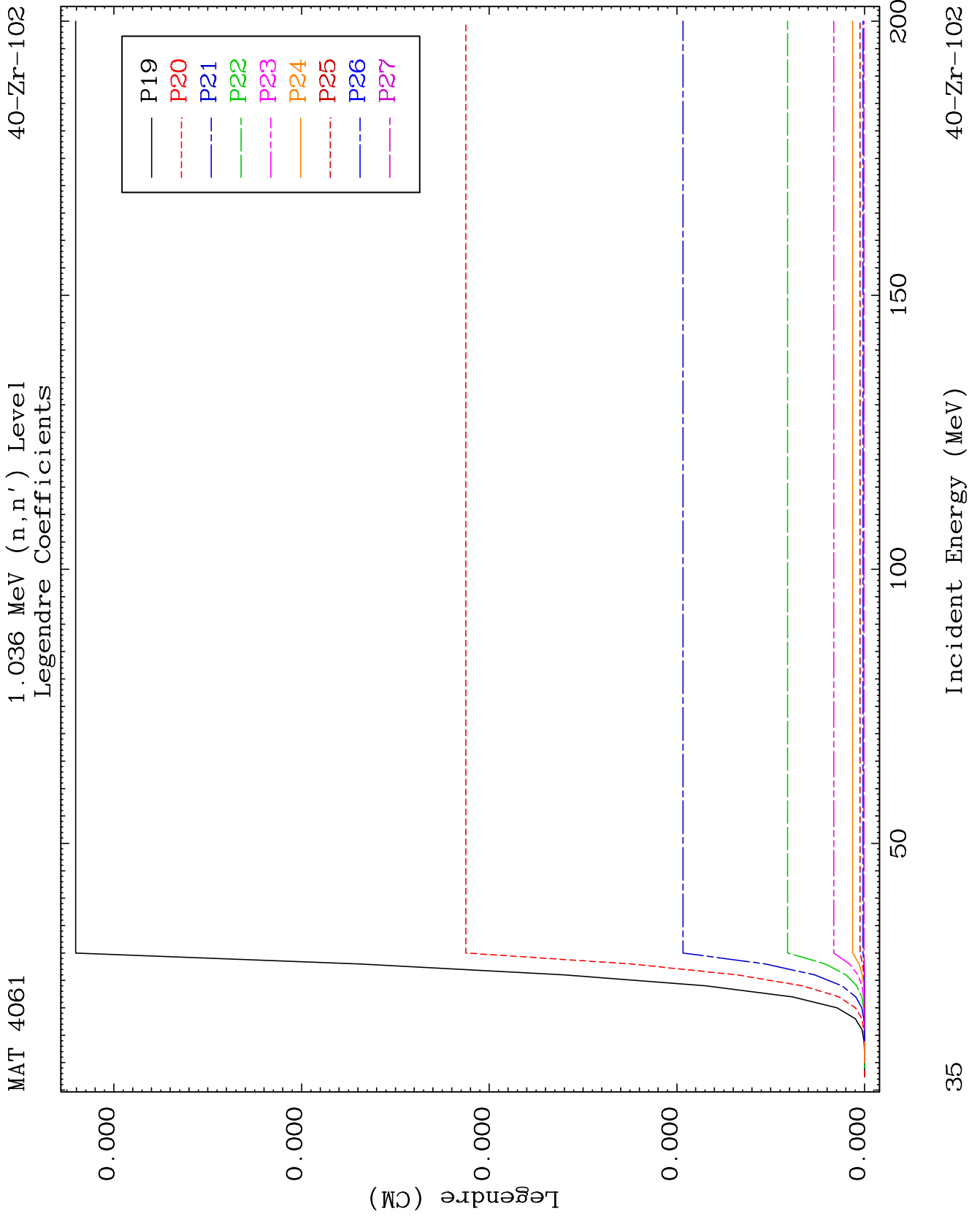


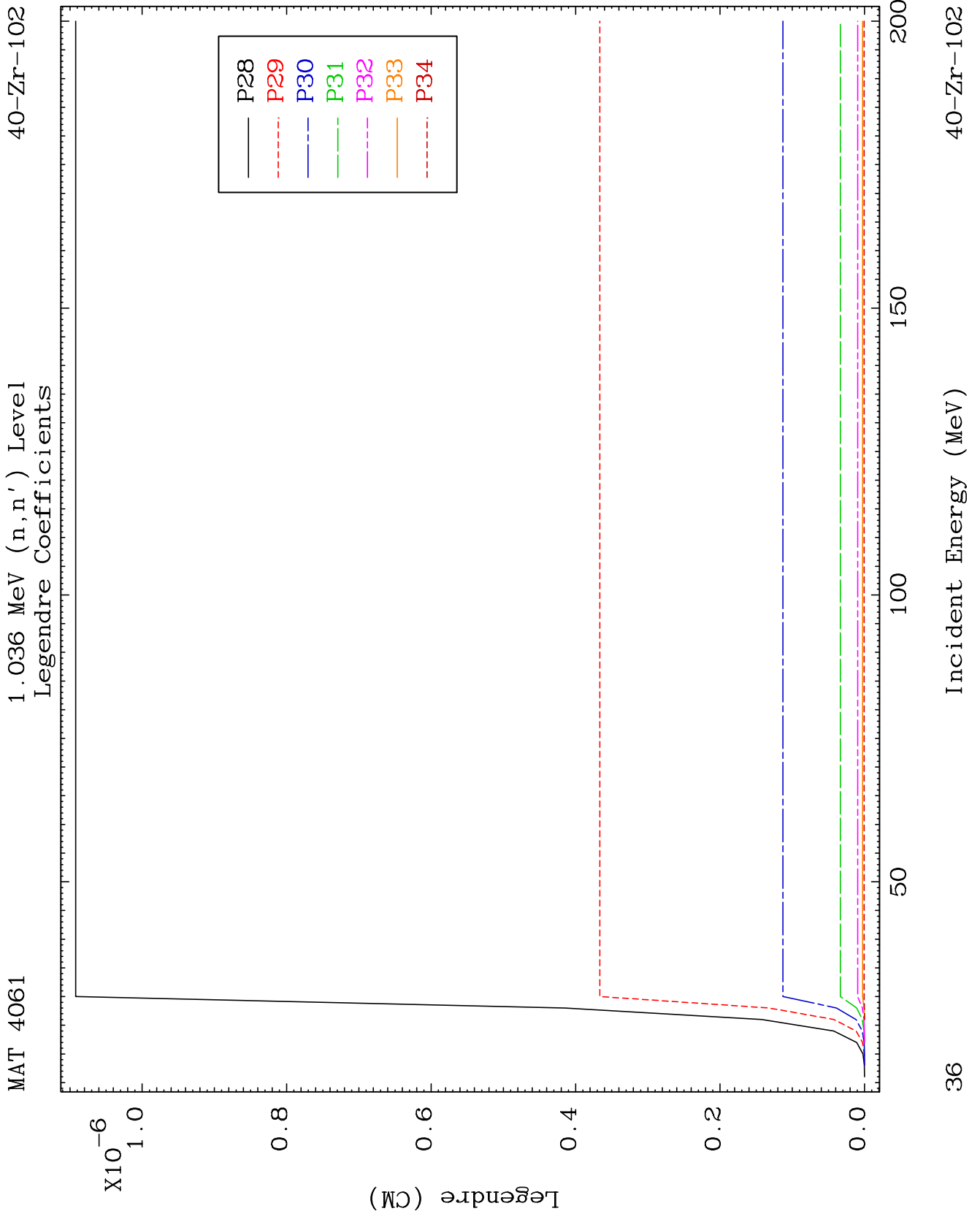




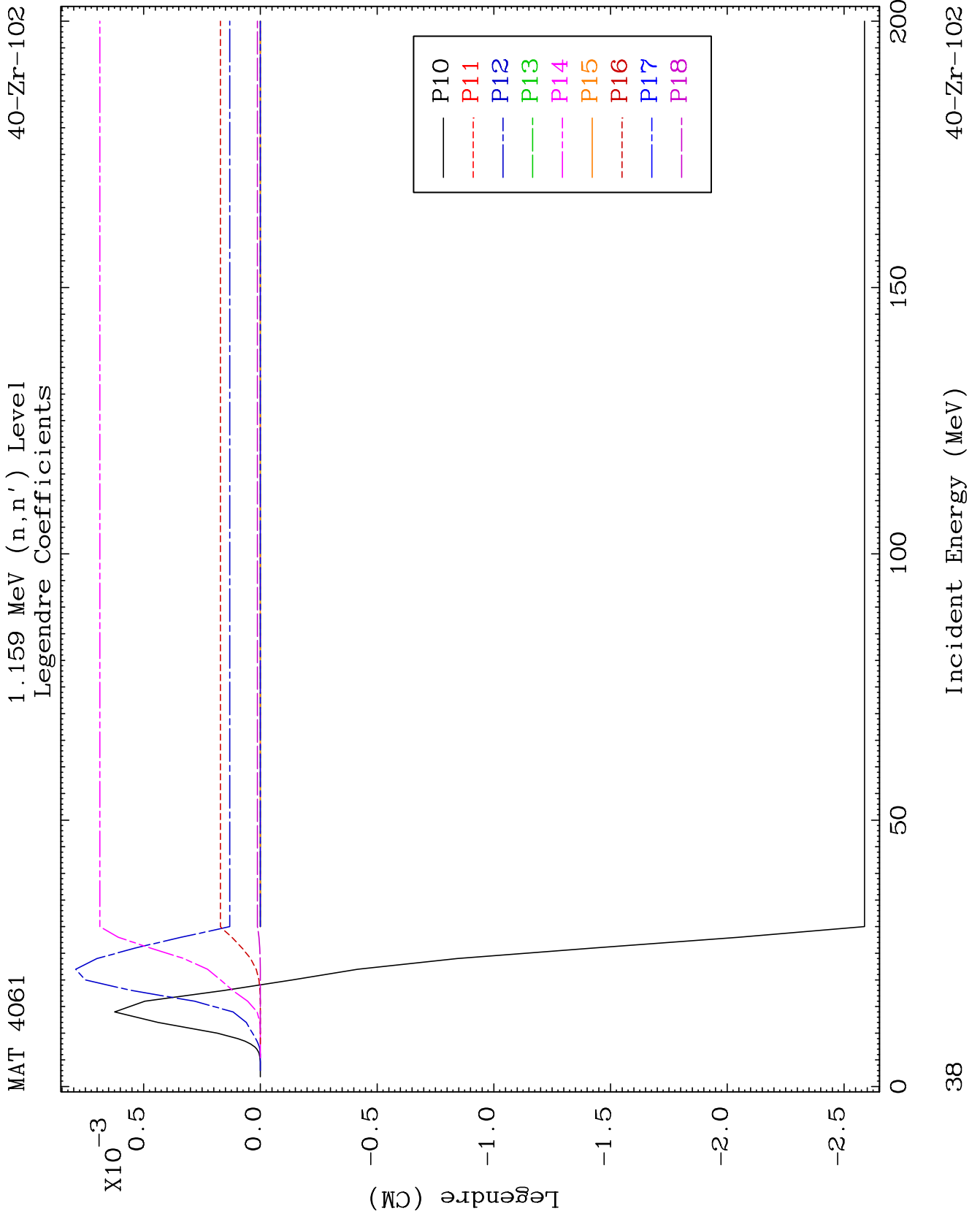


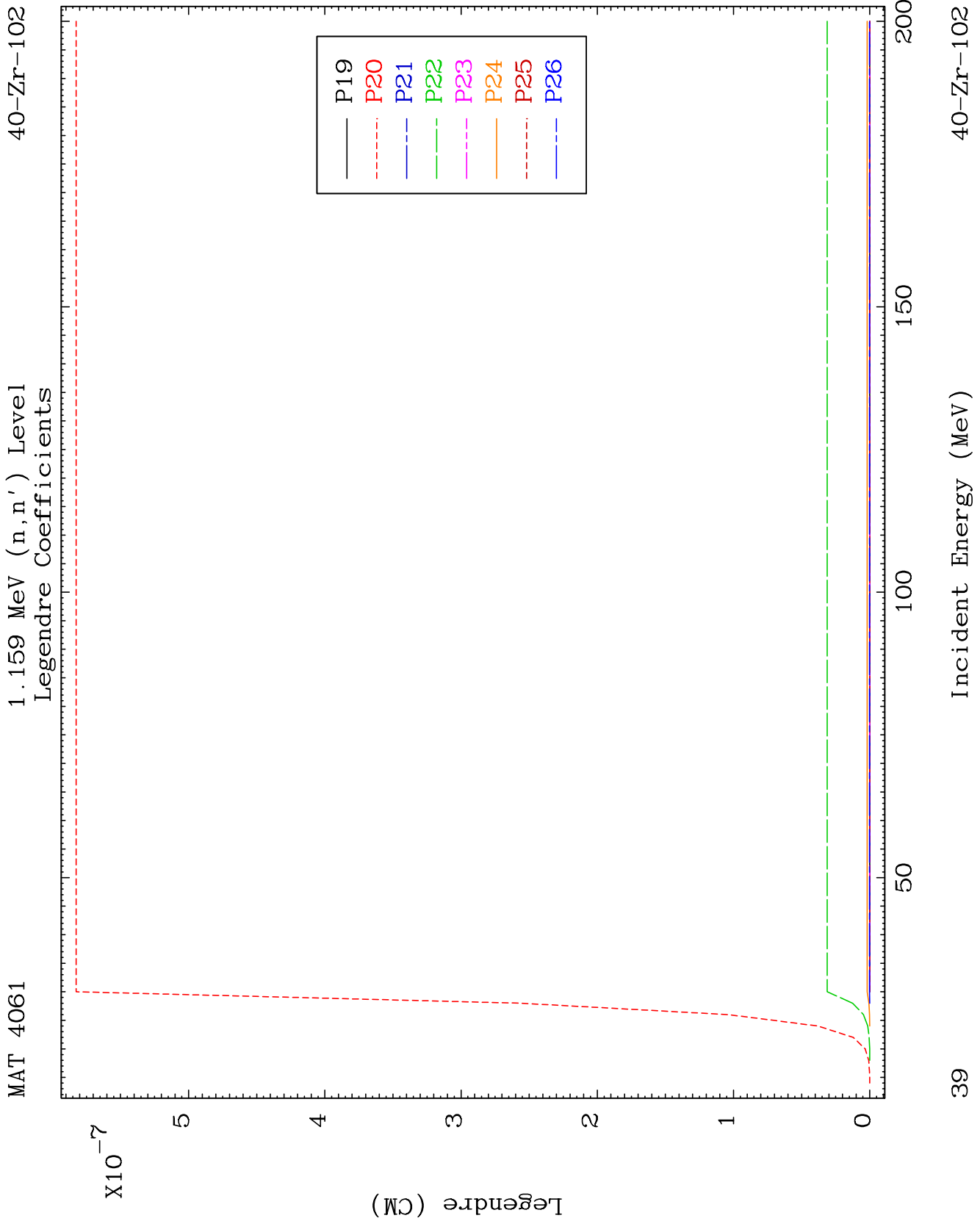




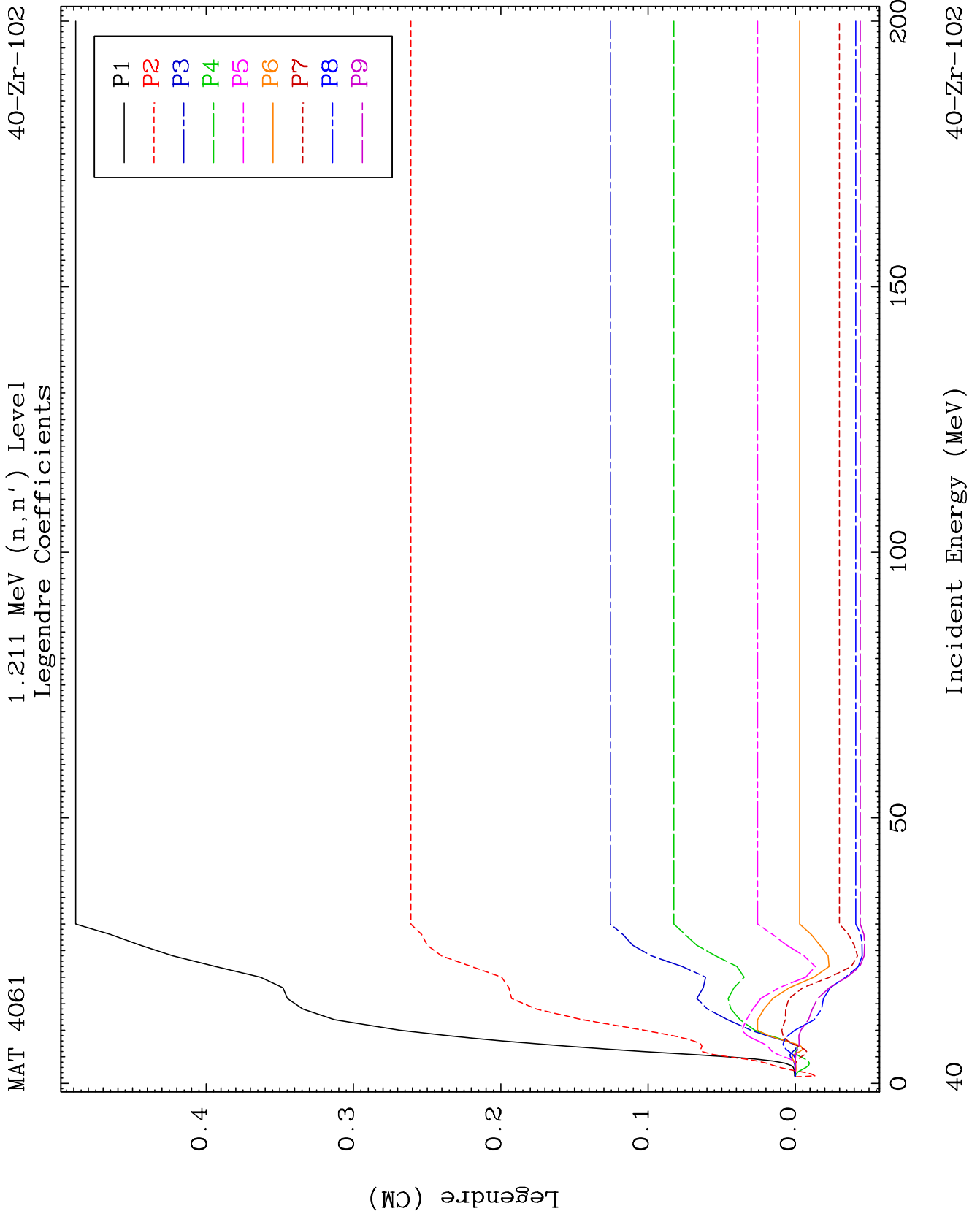




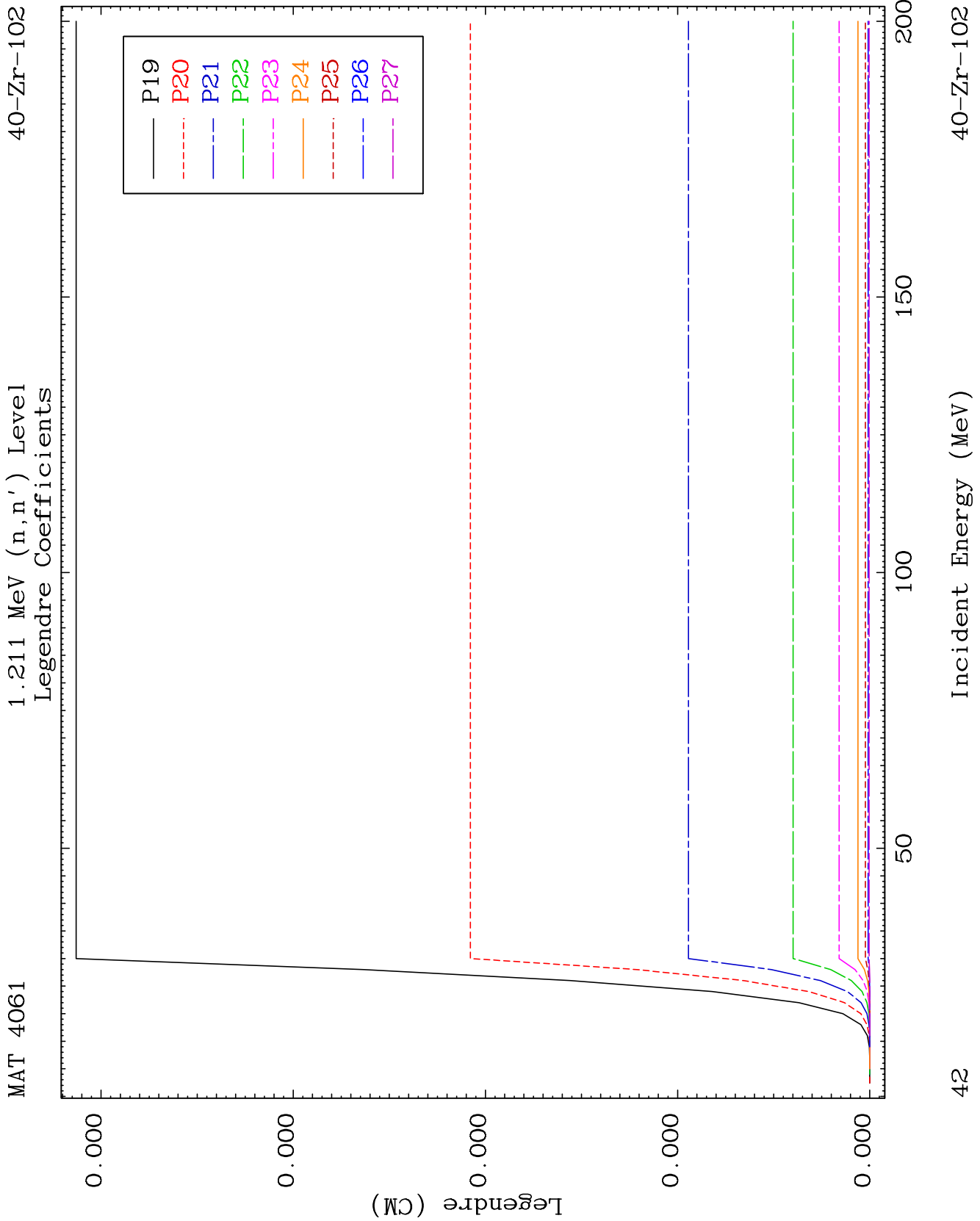


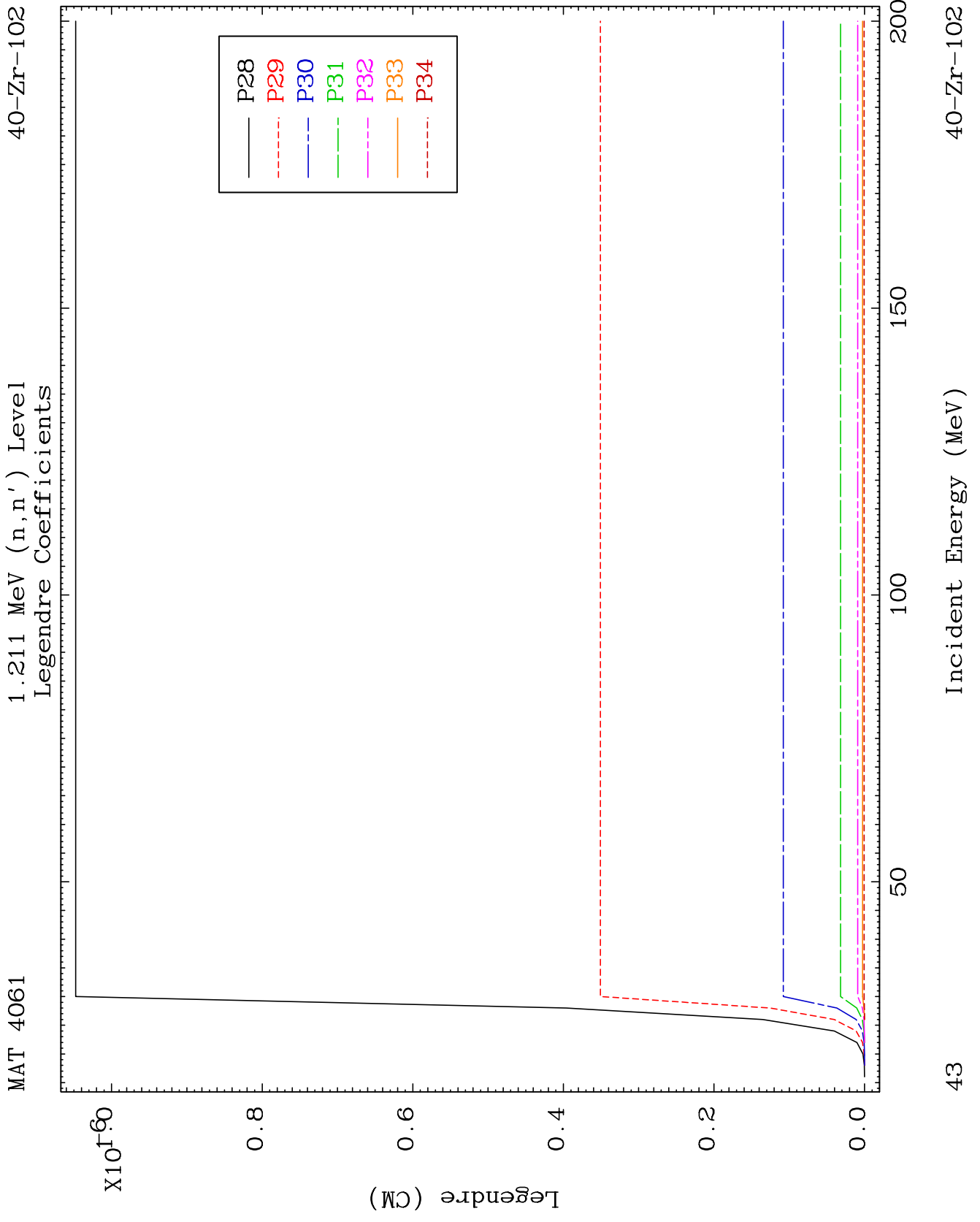


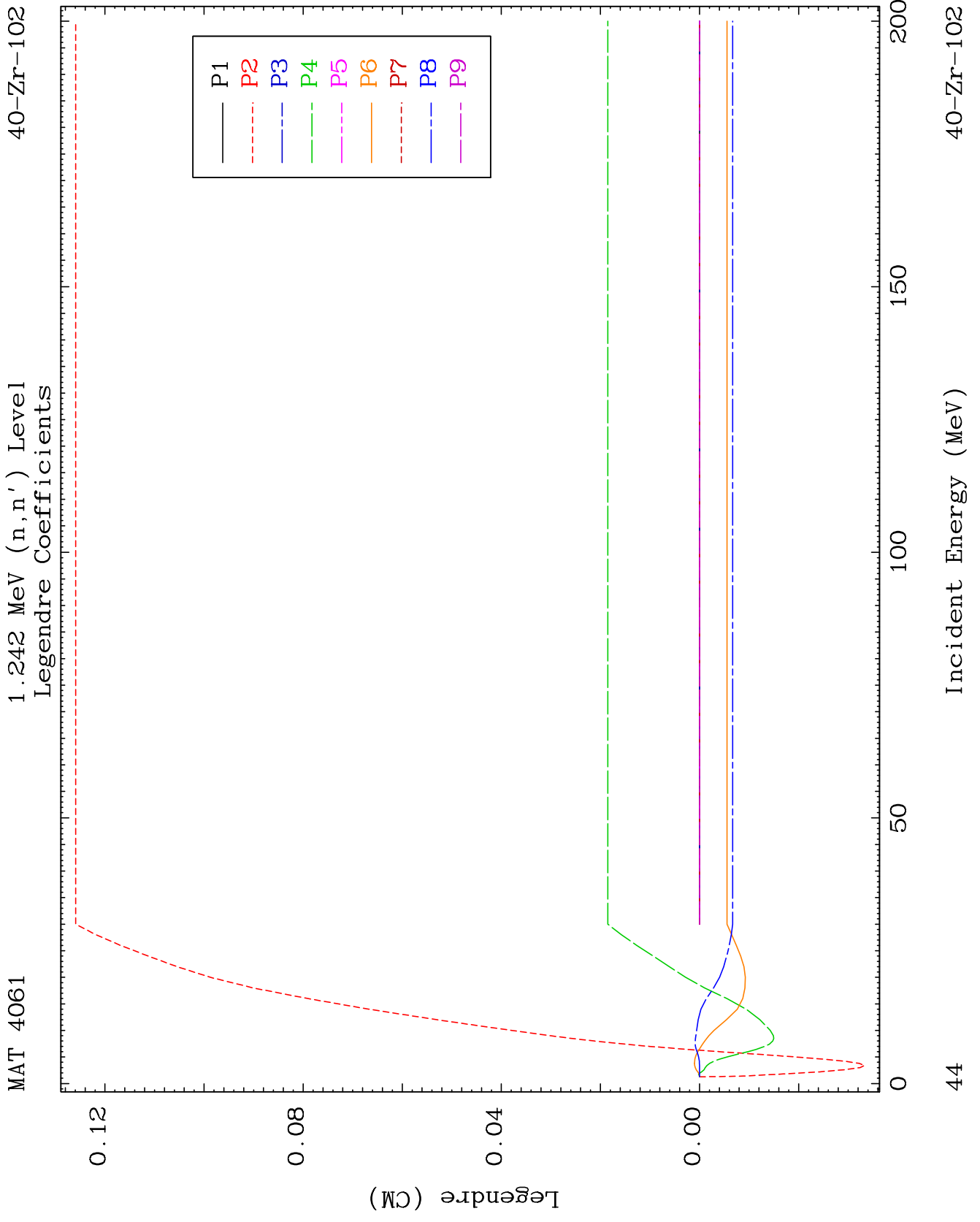


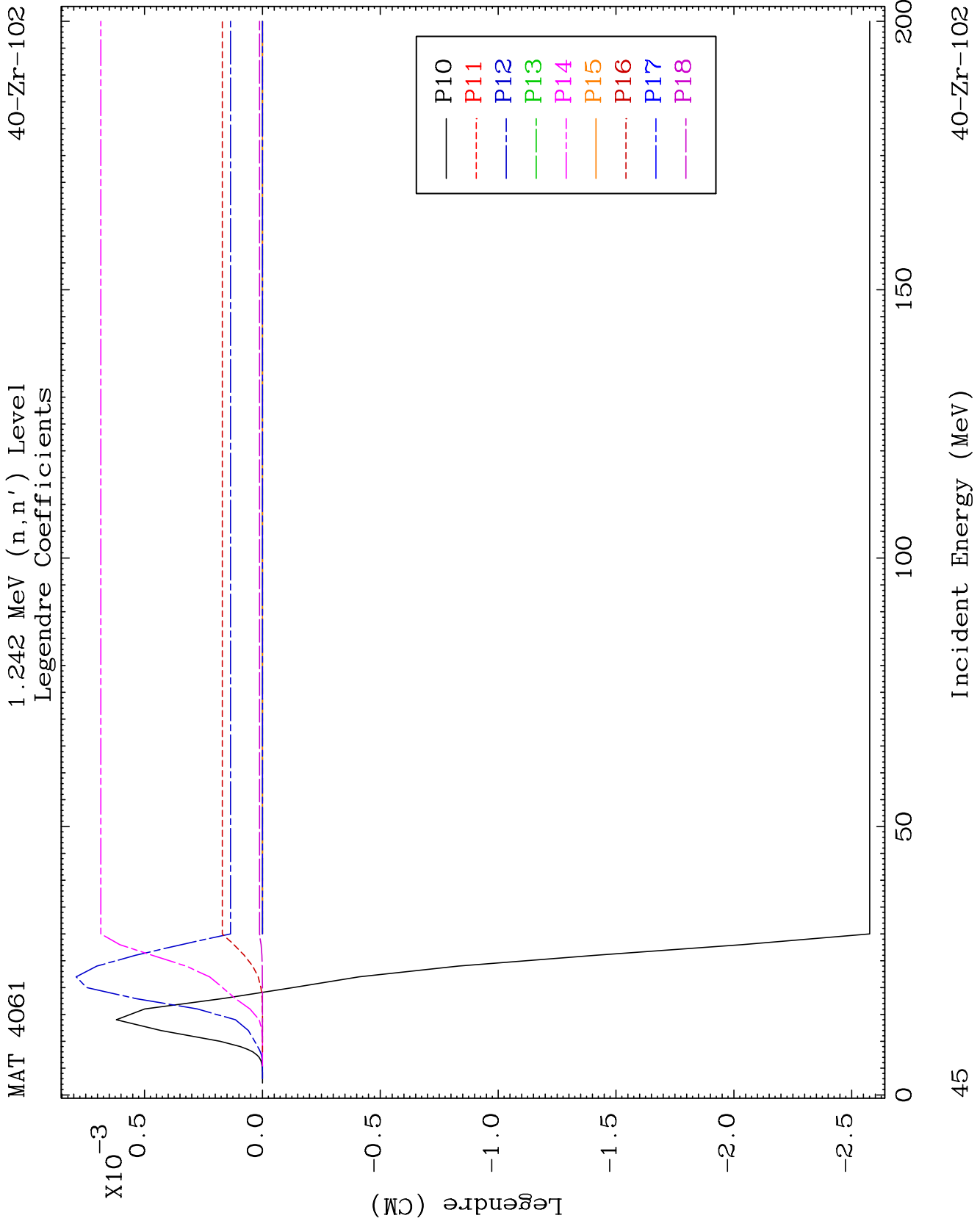




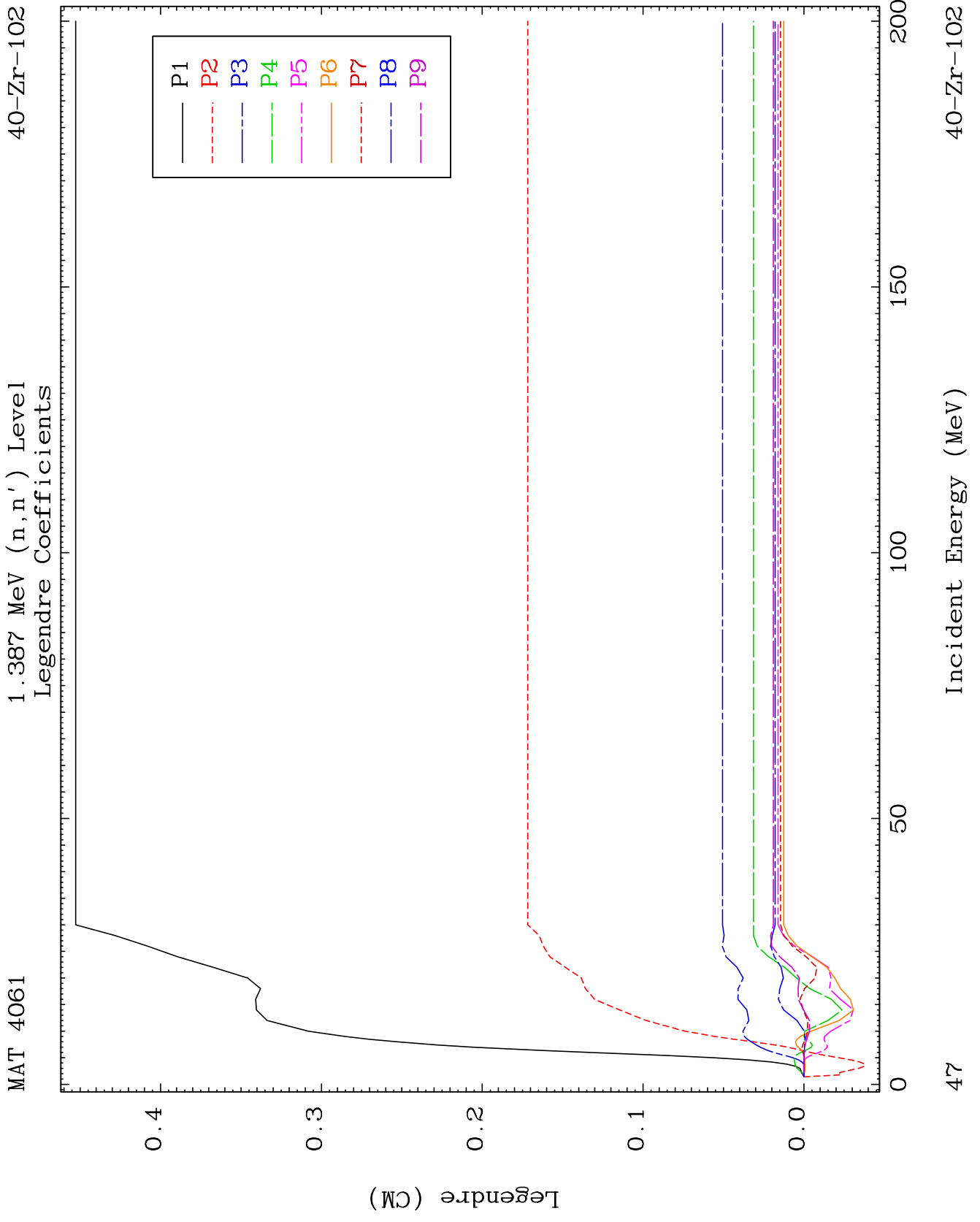




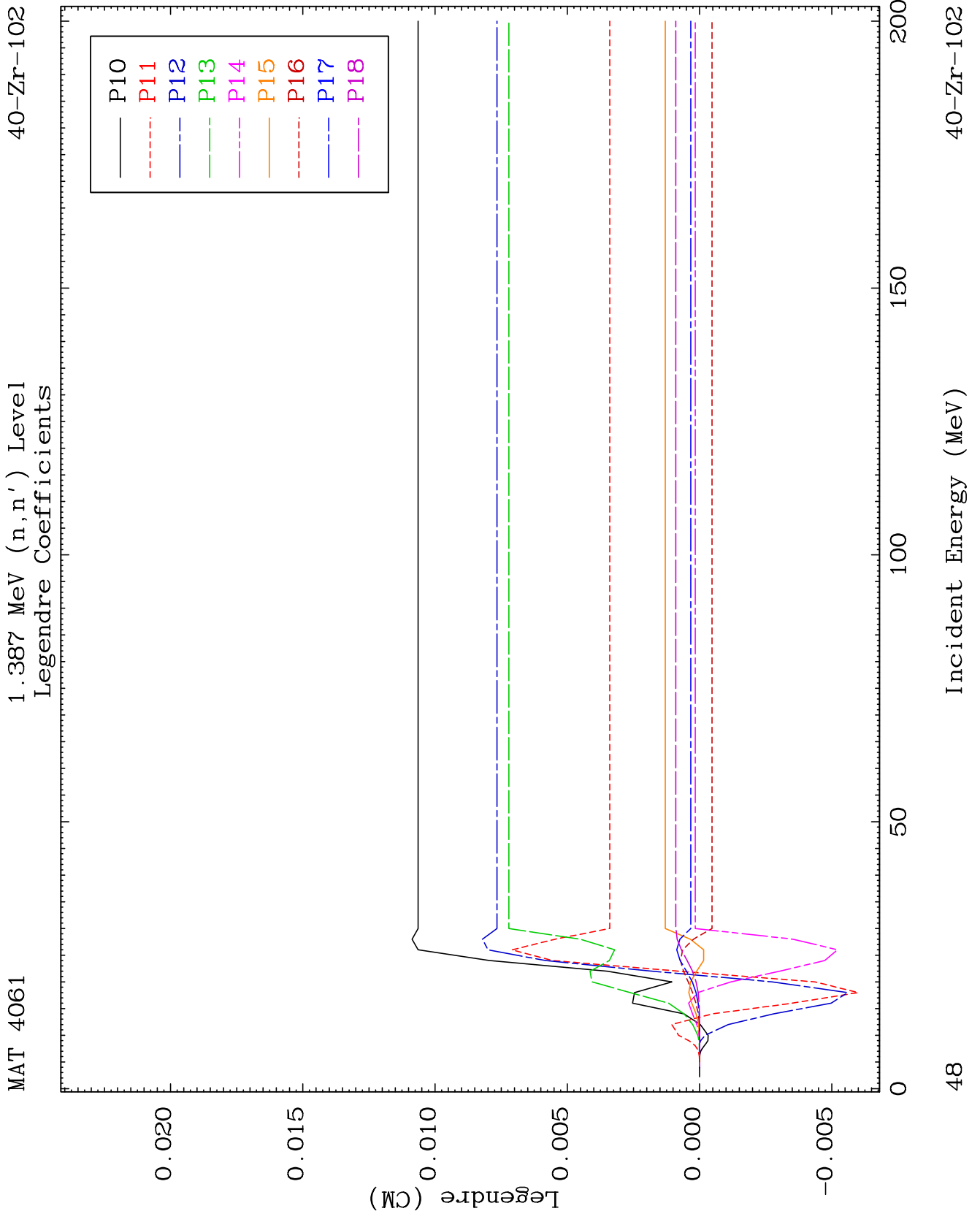








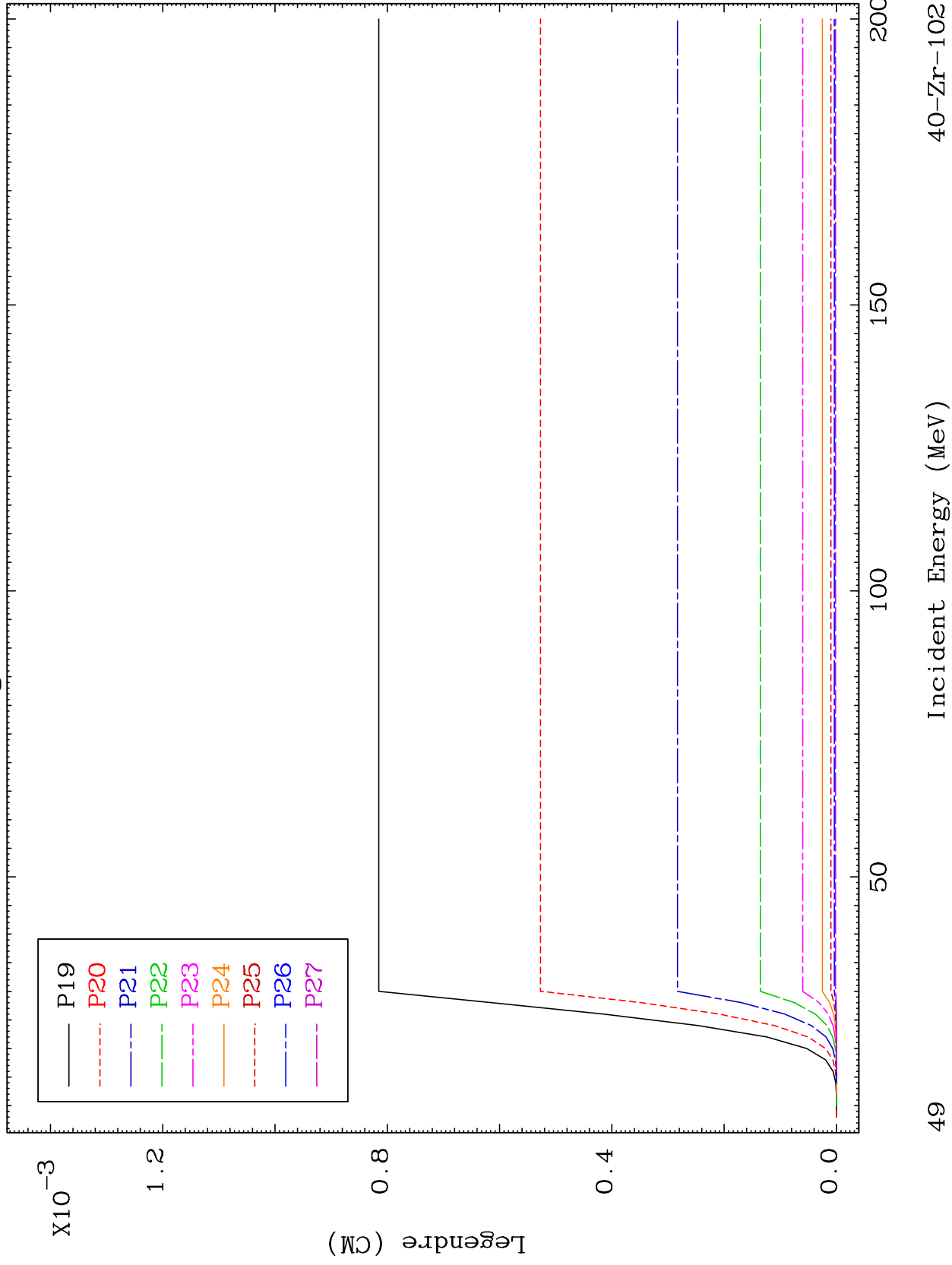




MAT 4061

1.387 MeV (n,n') Level  
Legendre Coefficients

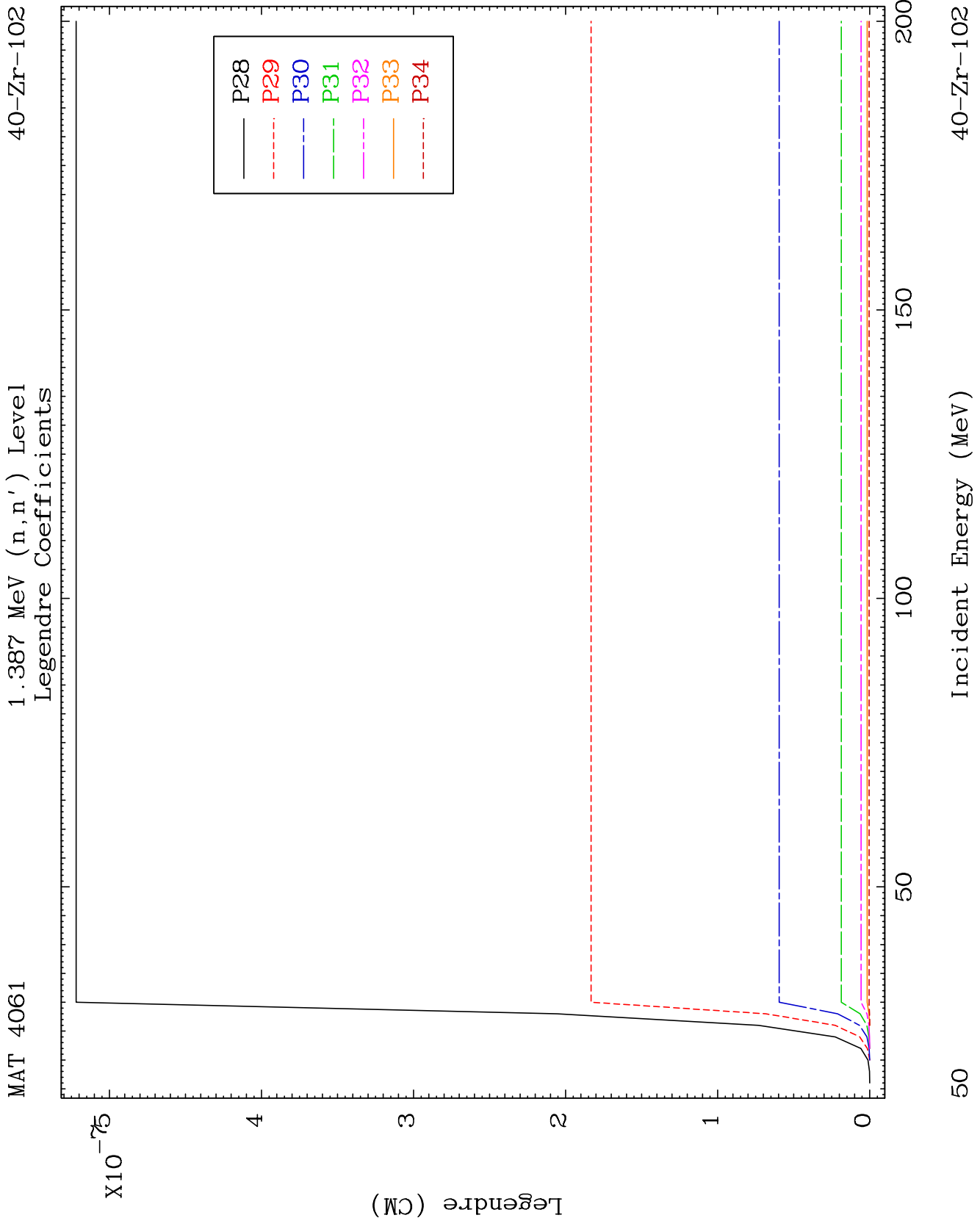
40-Zr-102

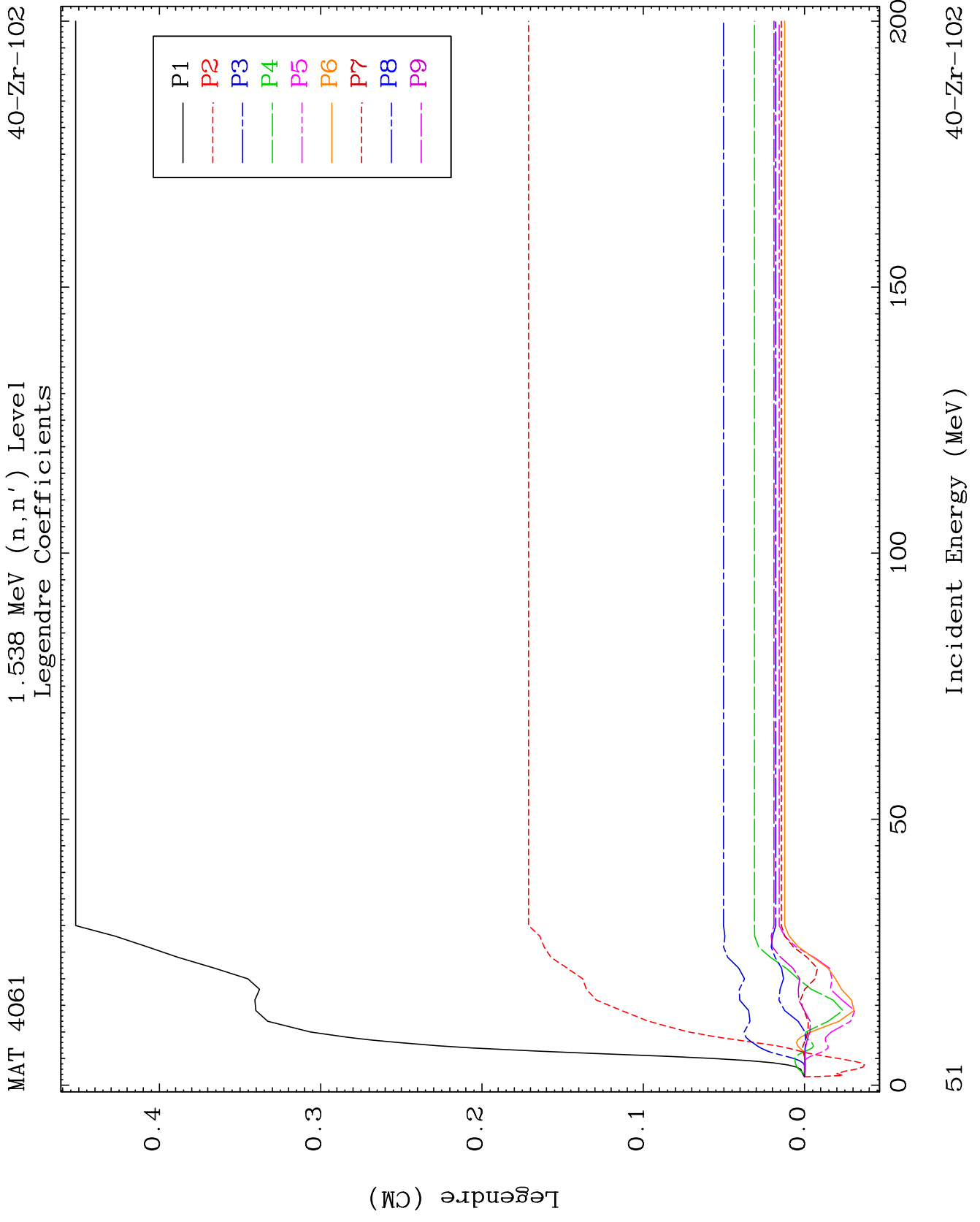


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Incident Energy (MeV)

40-Zr-102



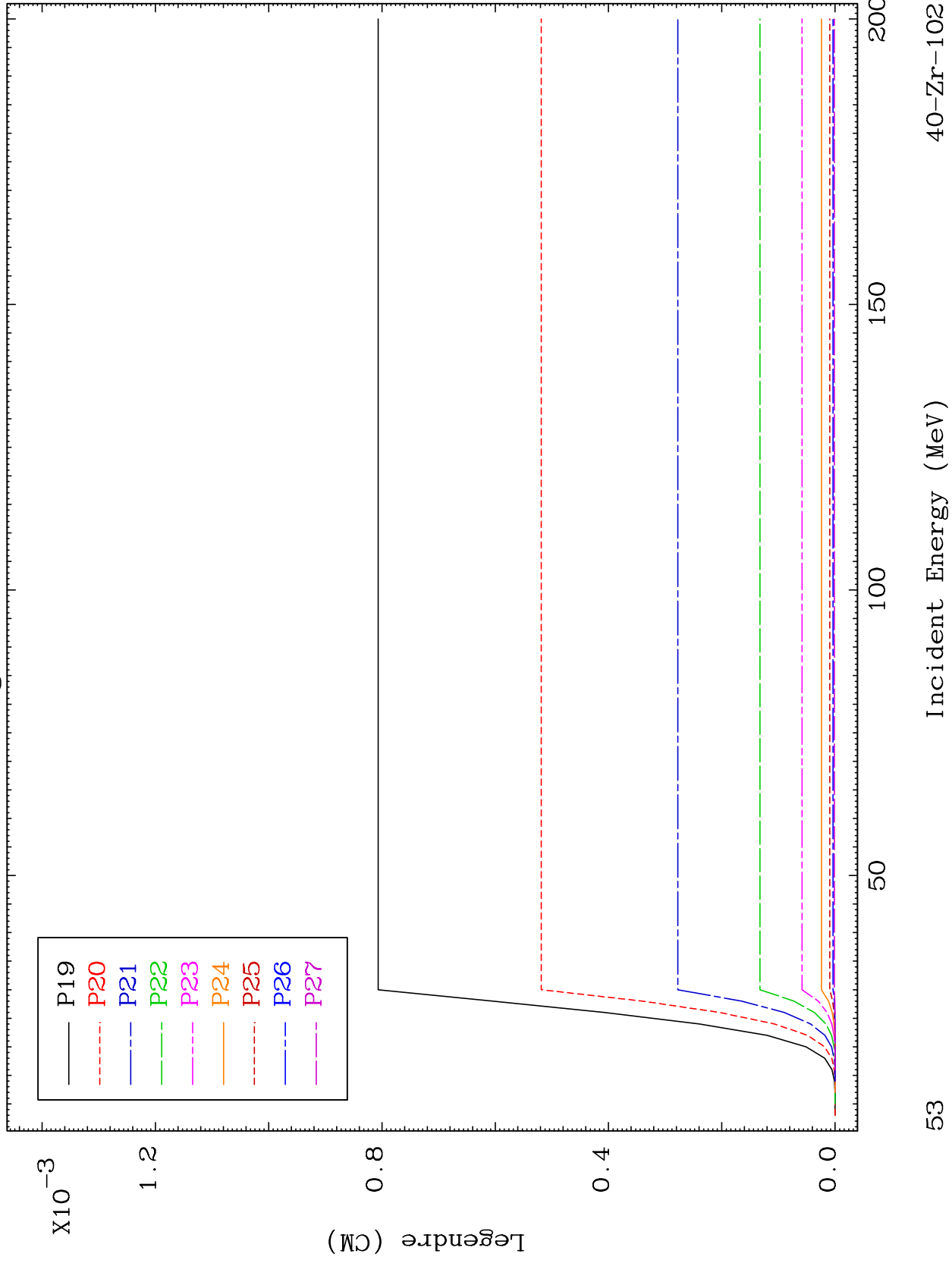


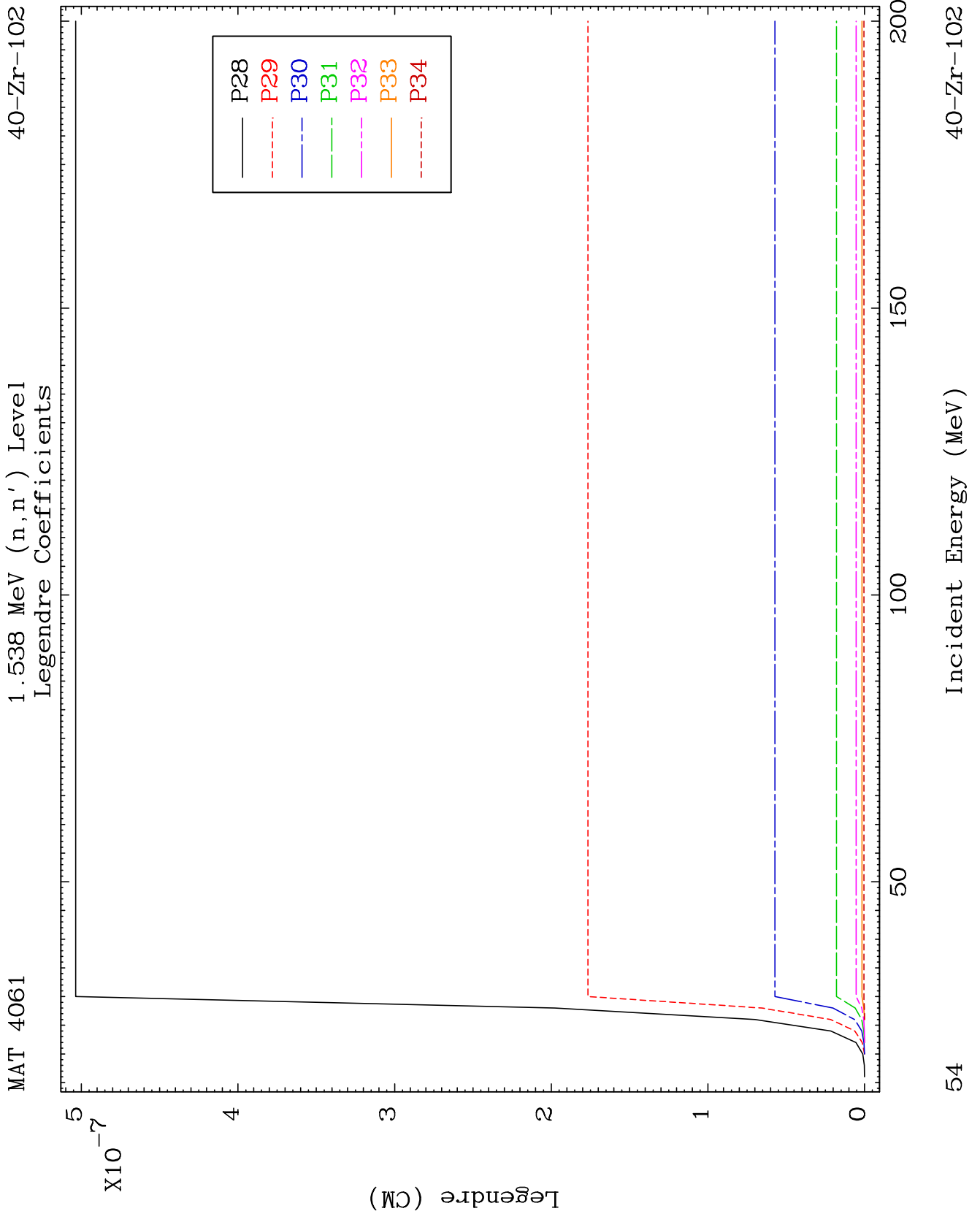


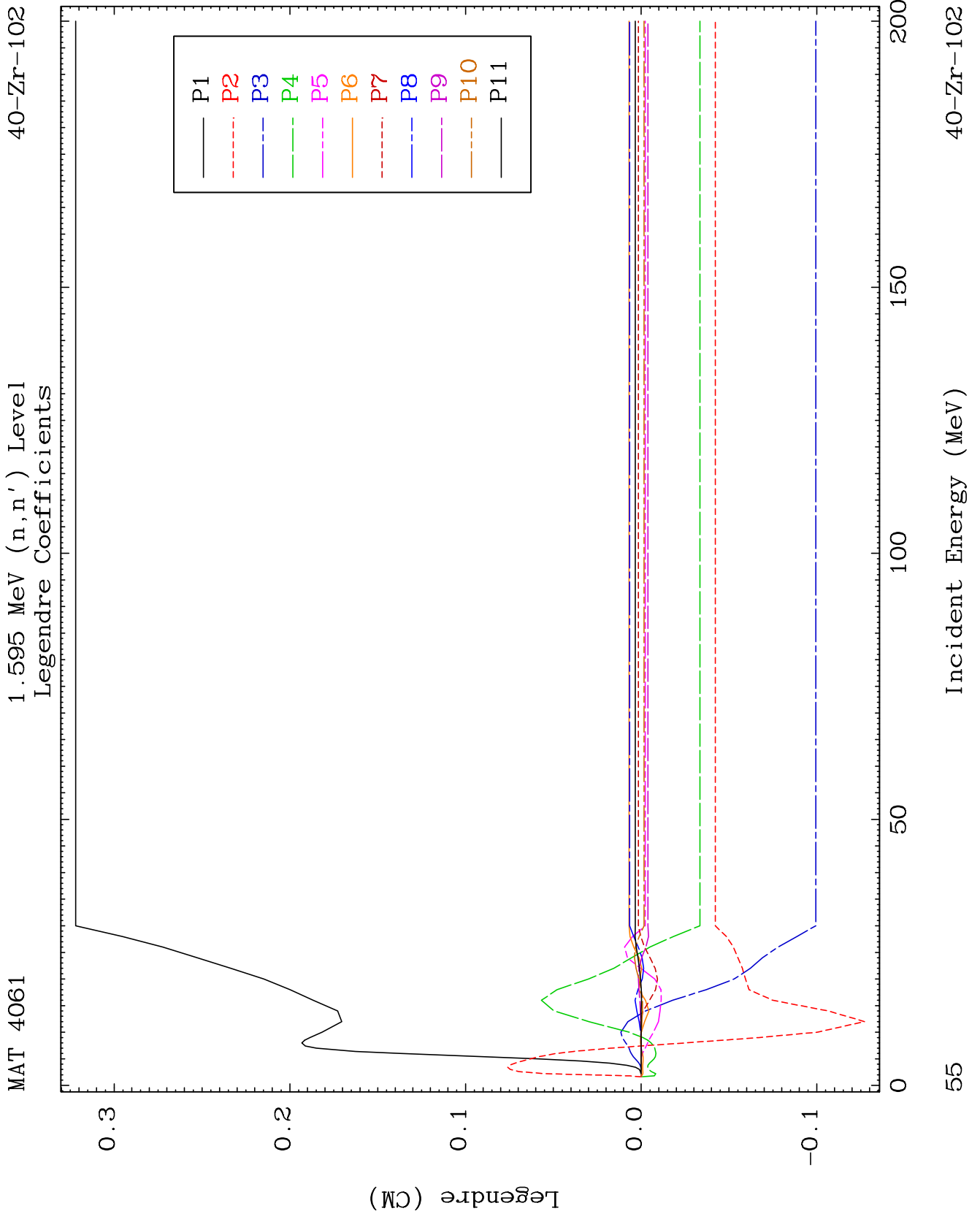
MAT 4061

1.538 MeV (n,n') Level  
Legendre Coefficients

40-Zr-102





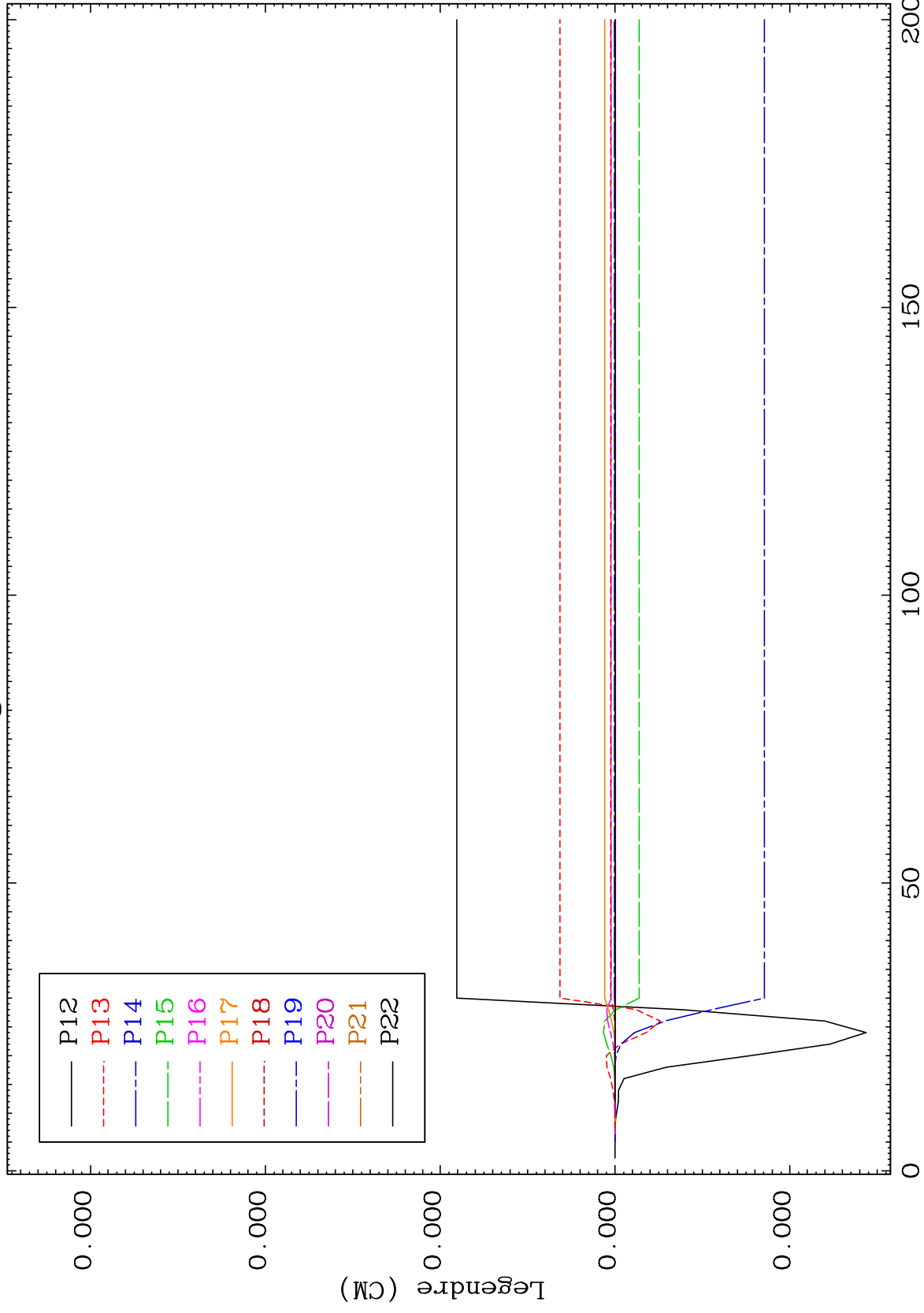


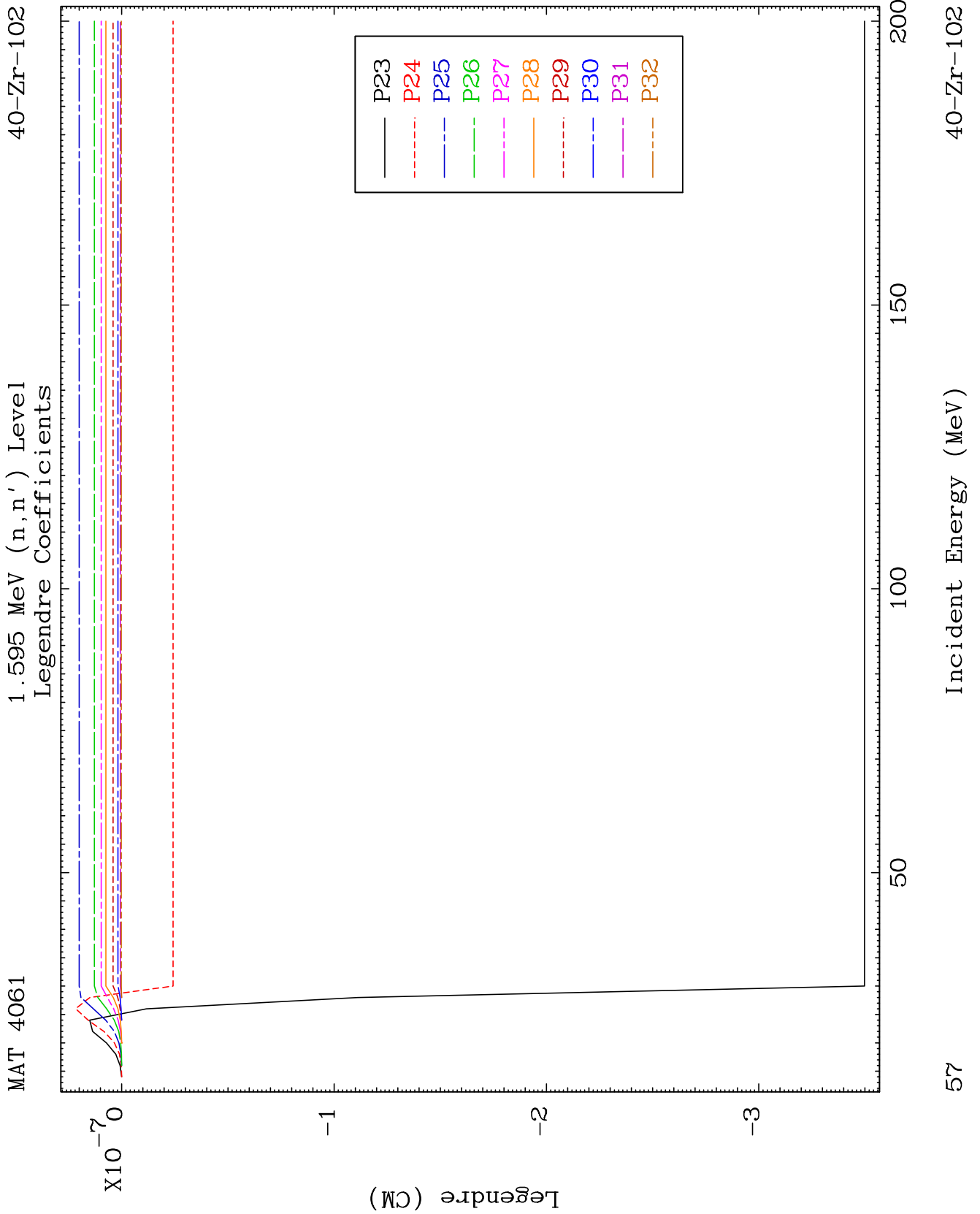


MAT 4061

1.595 MeV (n,n') Level  
Legendre Coefficients

40-Zr-102



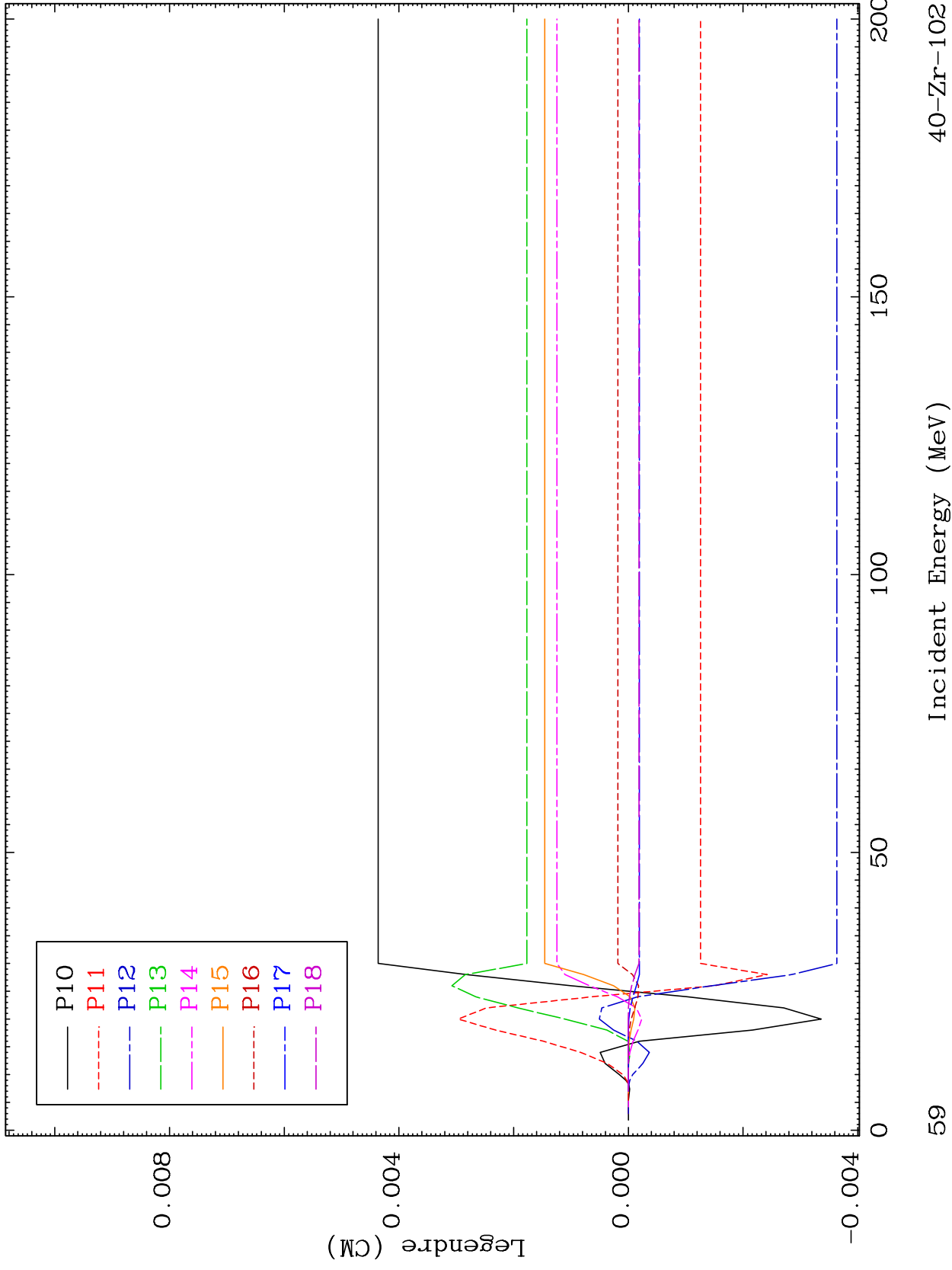




MAT 4061

1.653 MeV (n,n') Level  
Legendre Coefficients

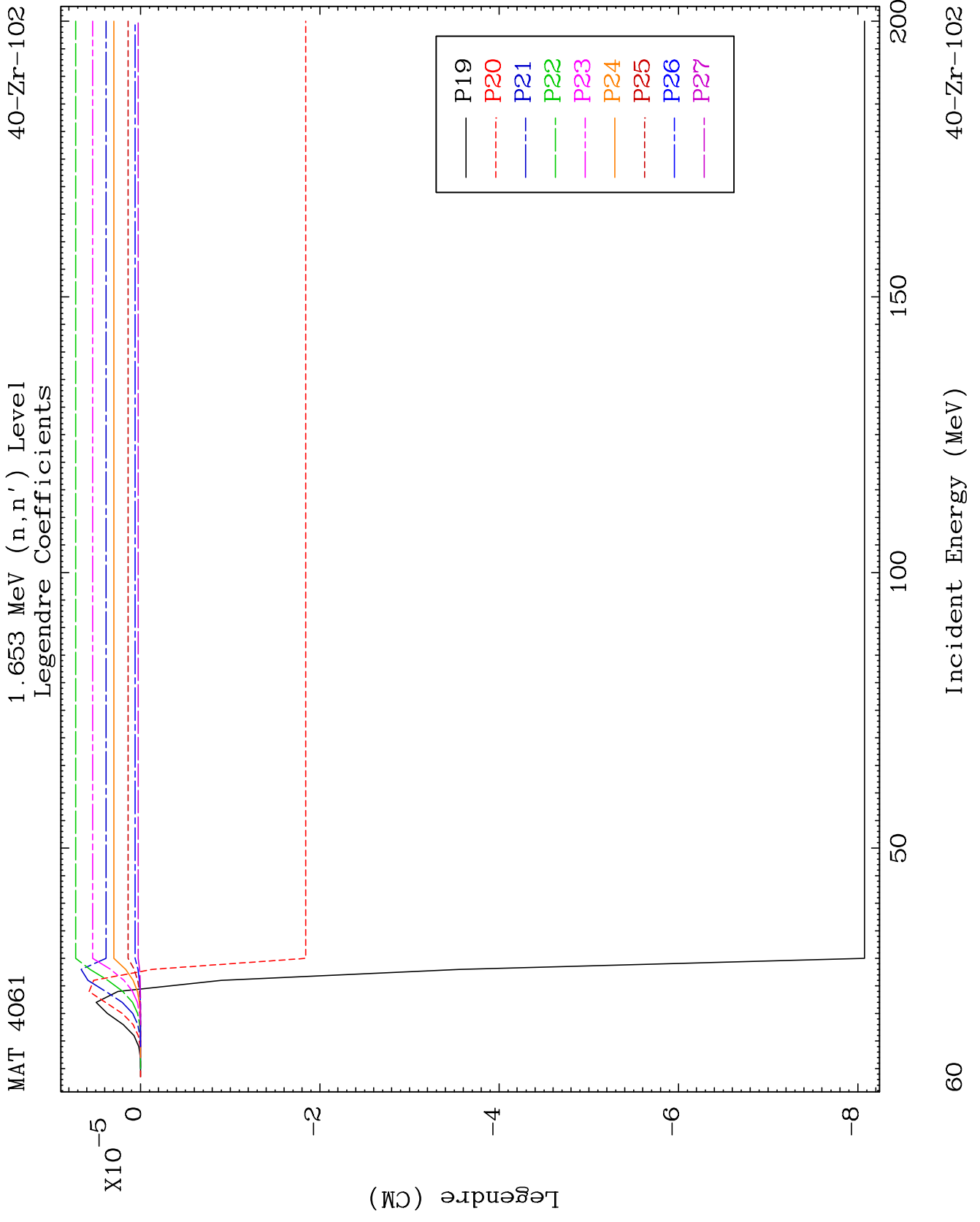
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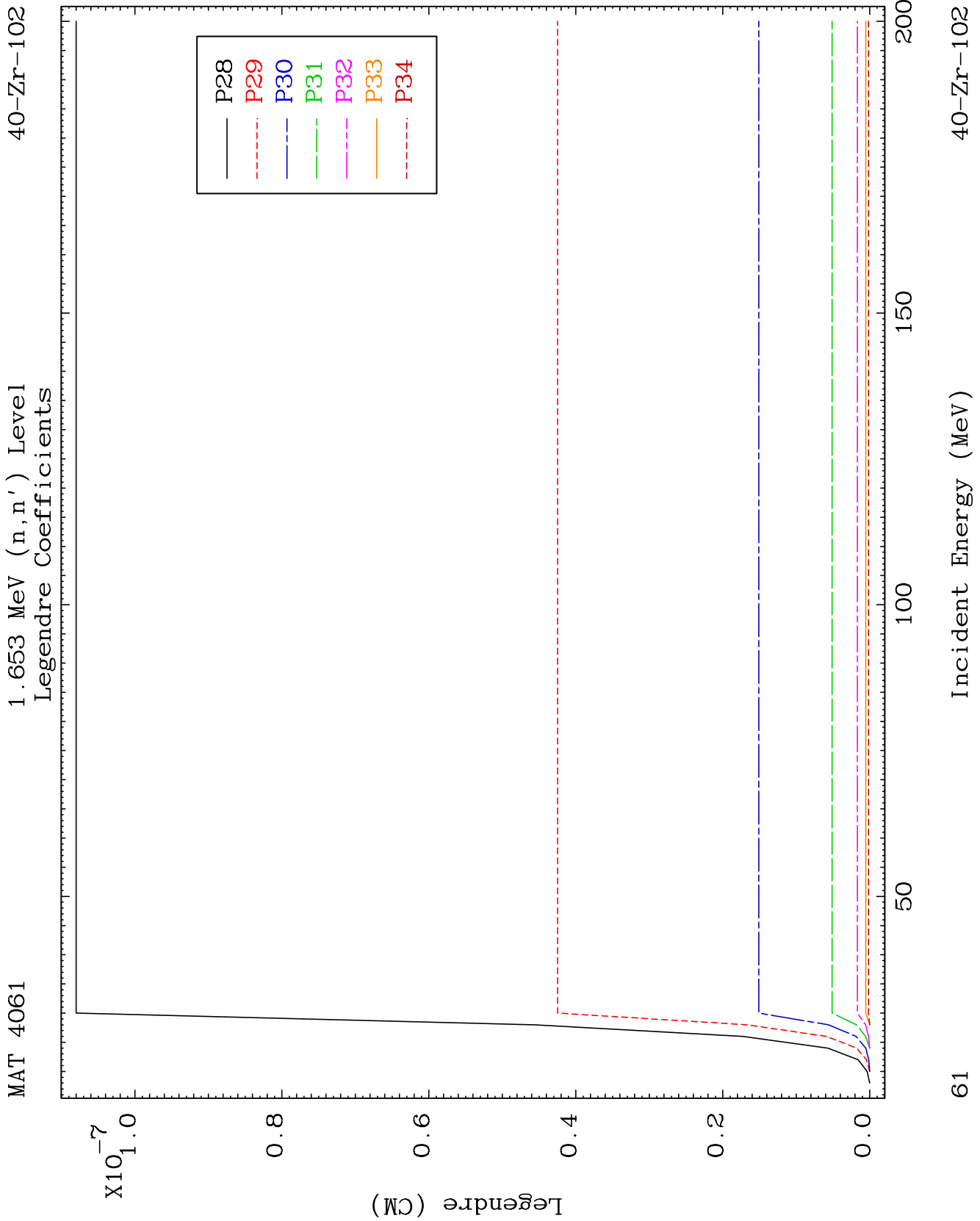


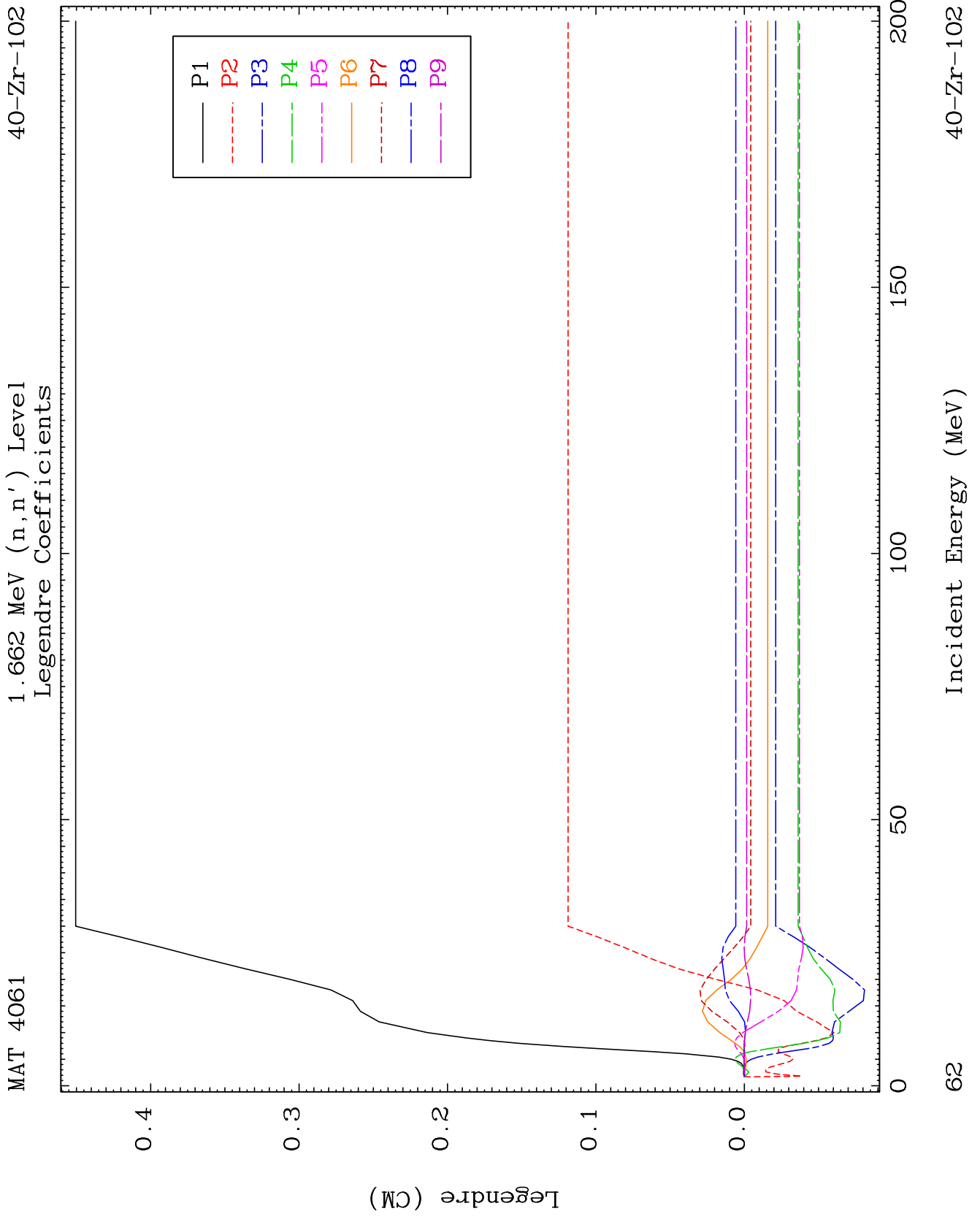
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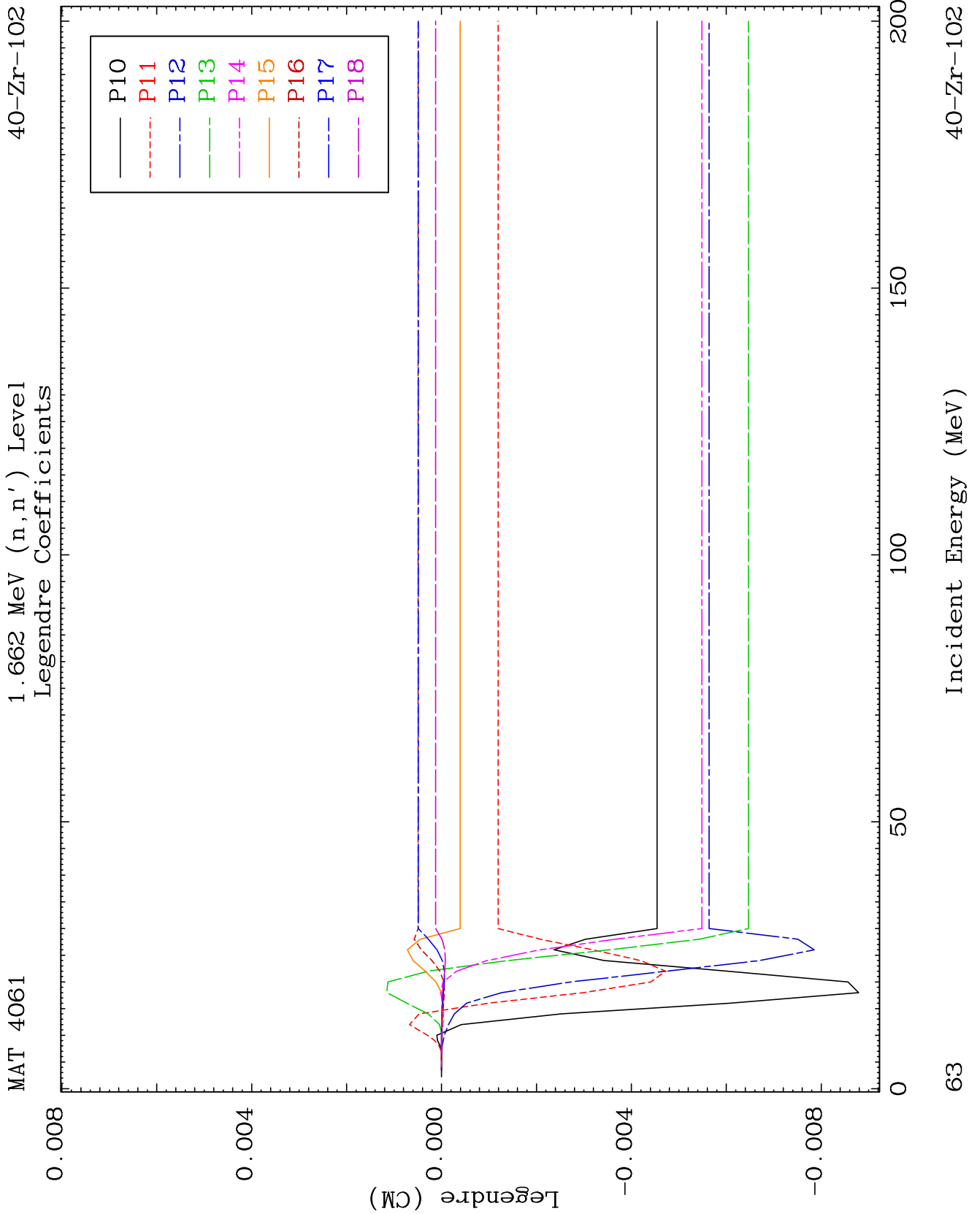
Incident Energy (MeV)

40-Zr-102

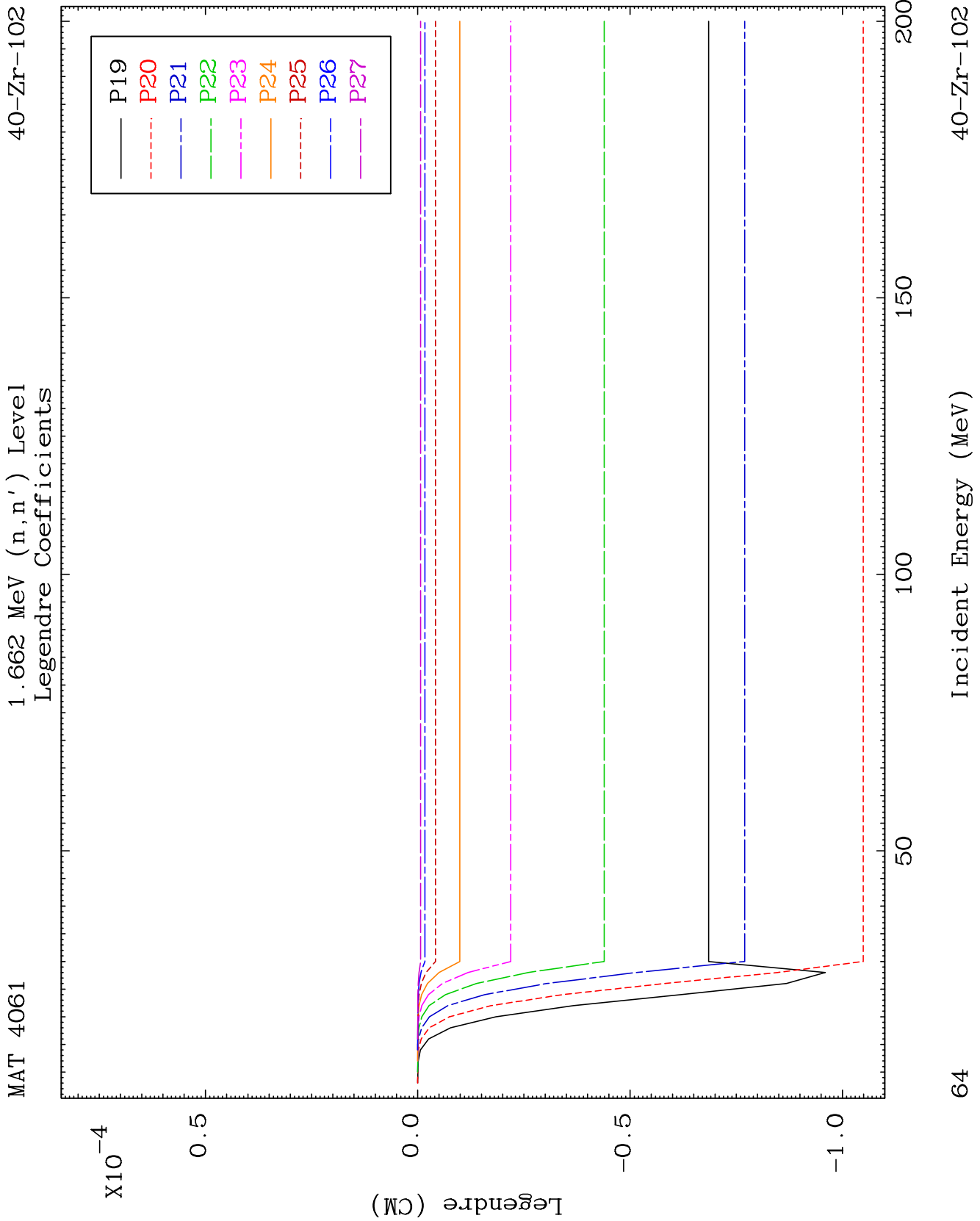


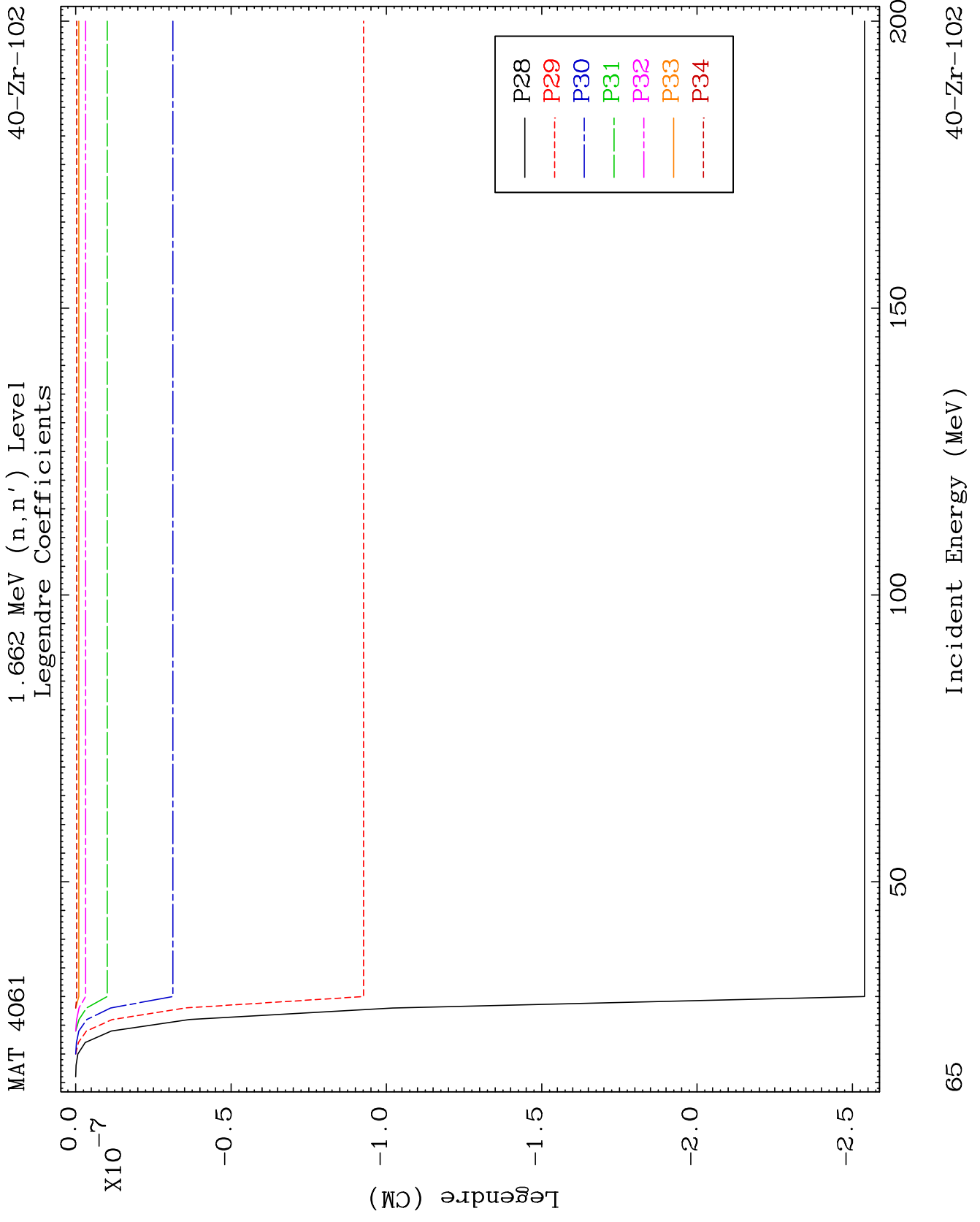










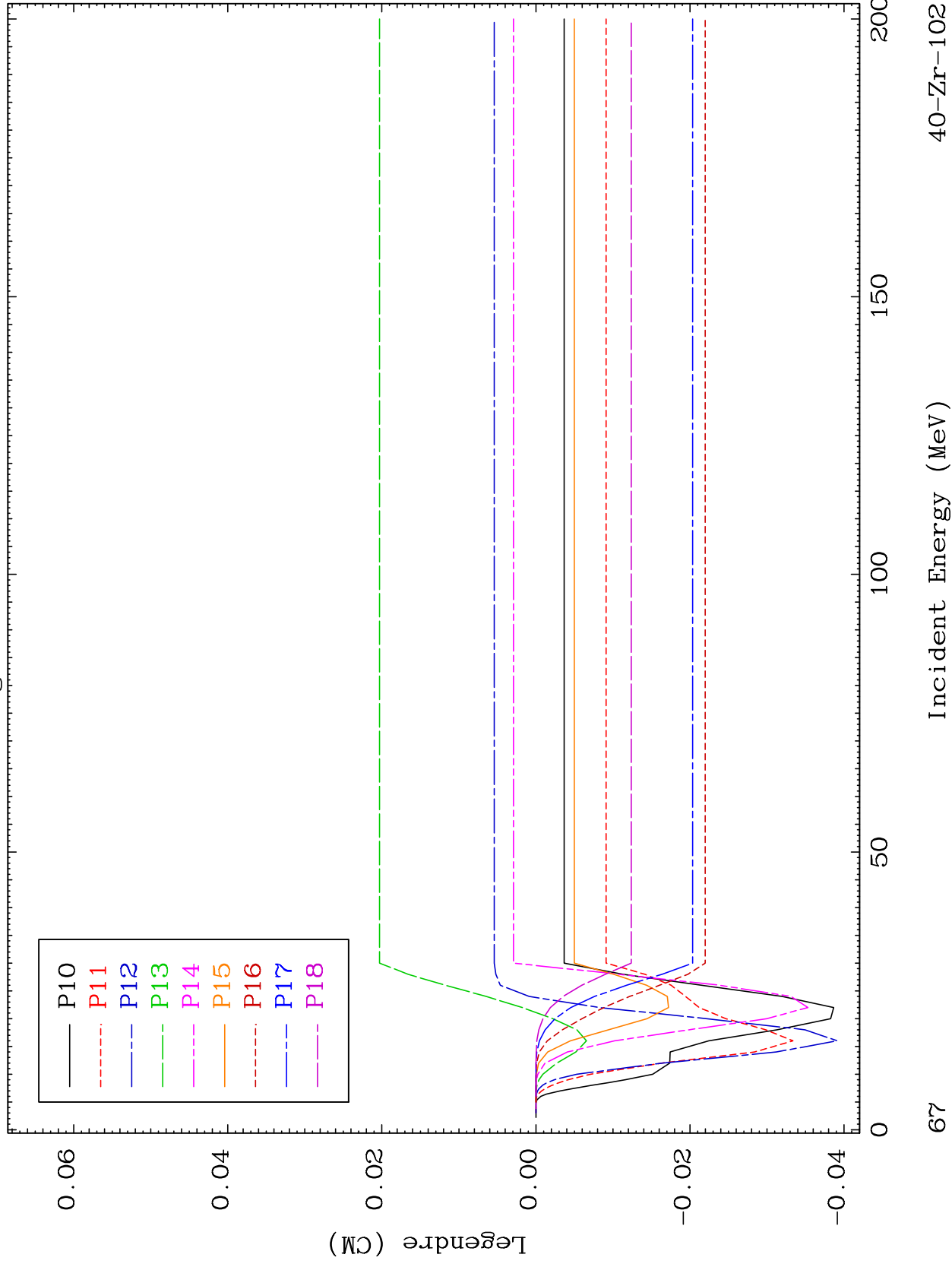




MAT 4061

1.793 MeV (n,n') Level  
Legendre Coefficients

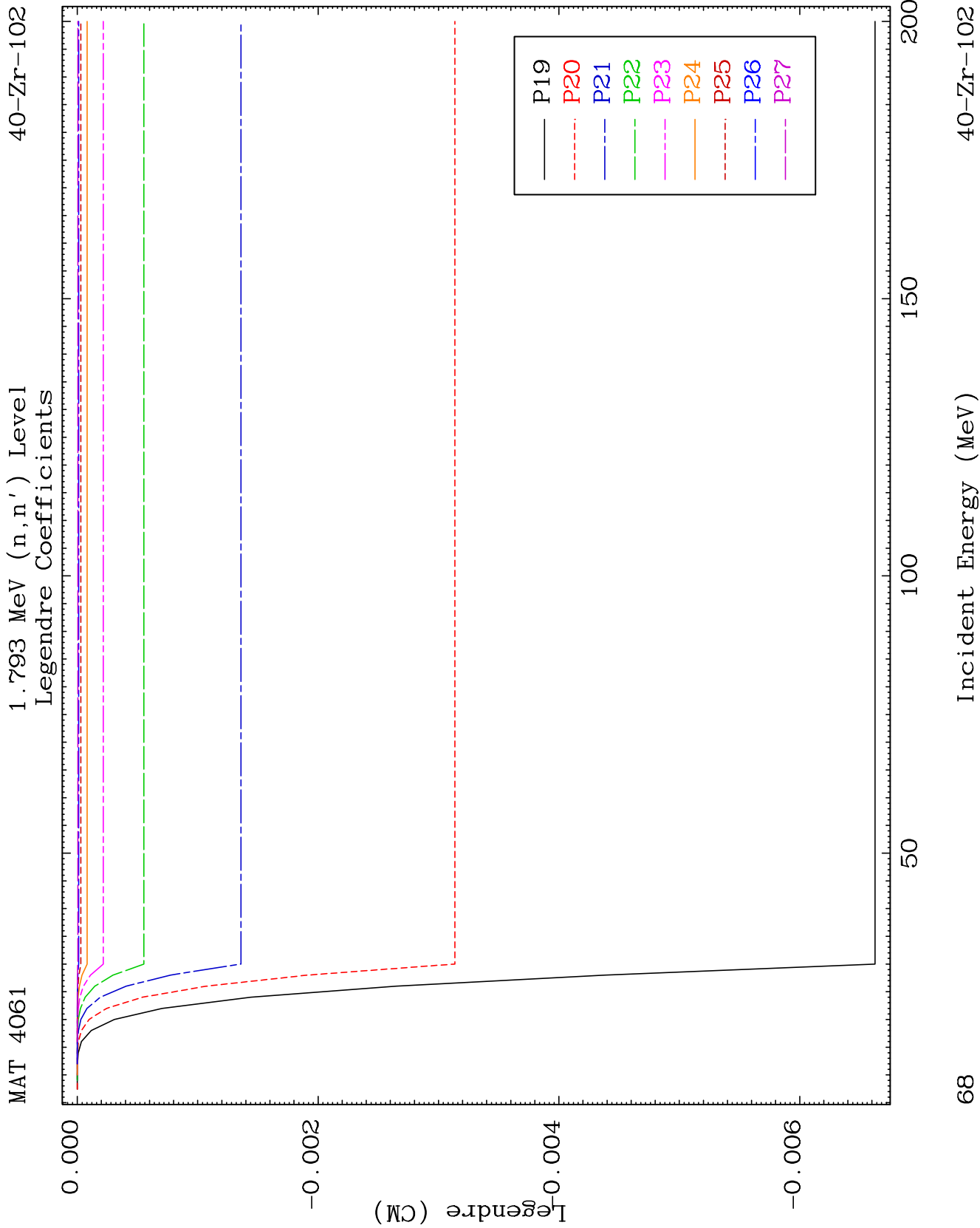
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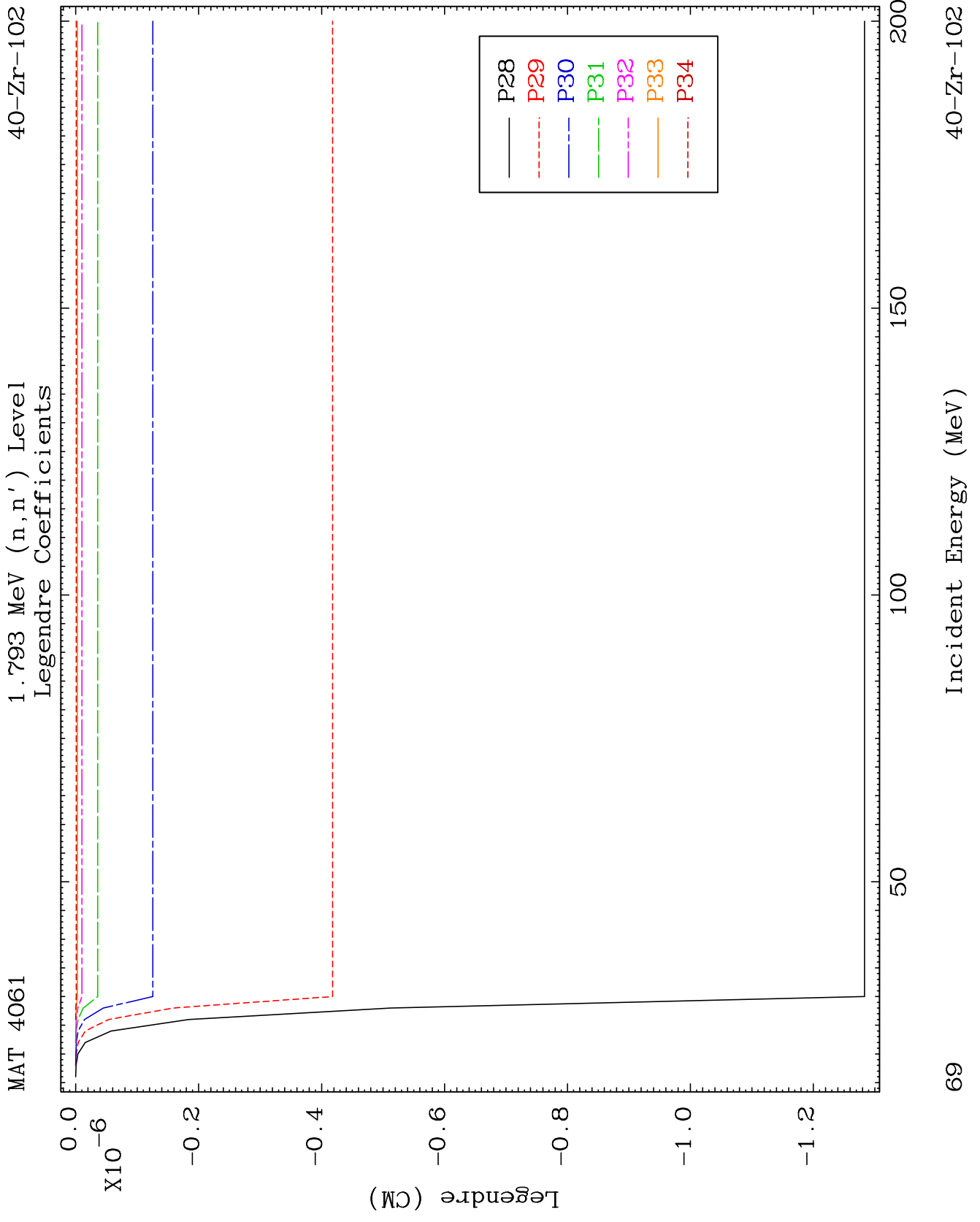


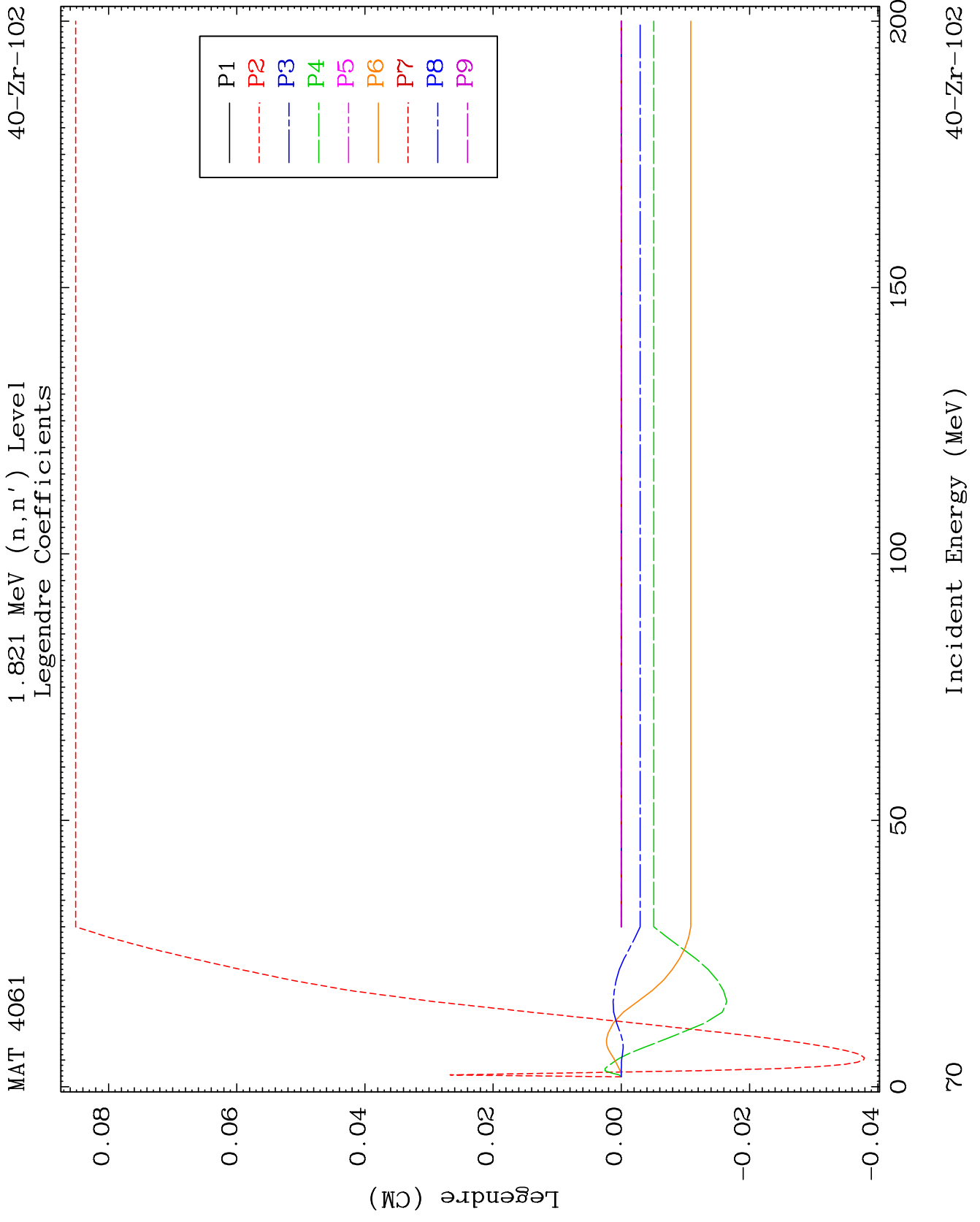
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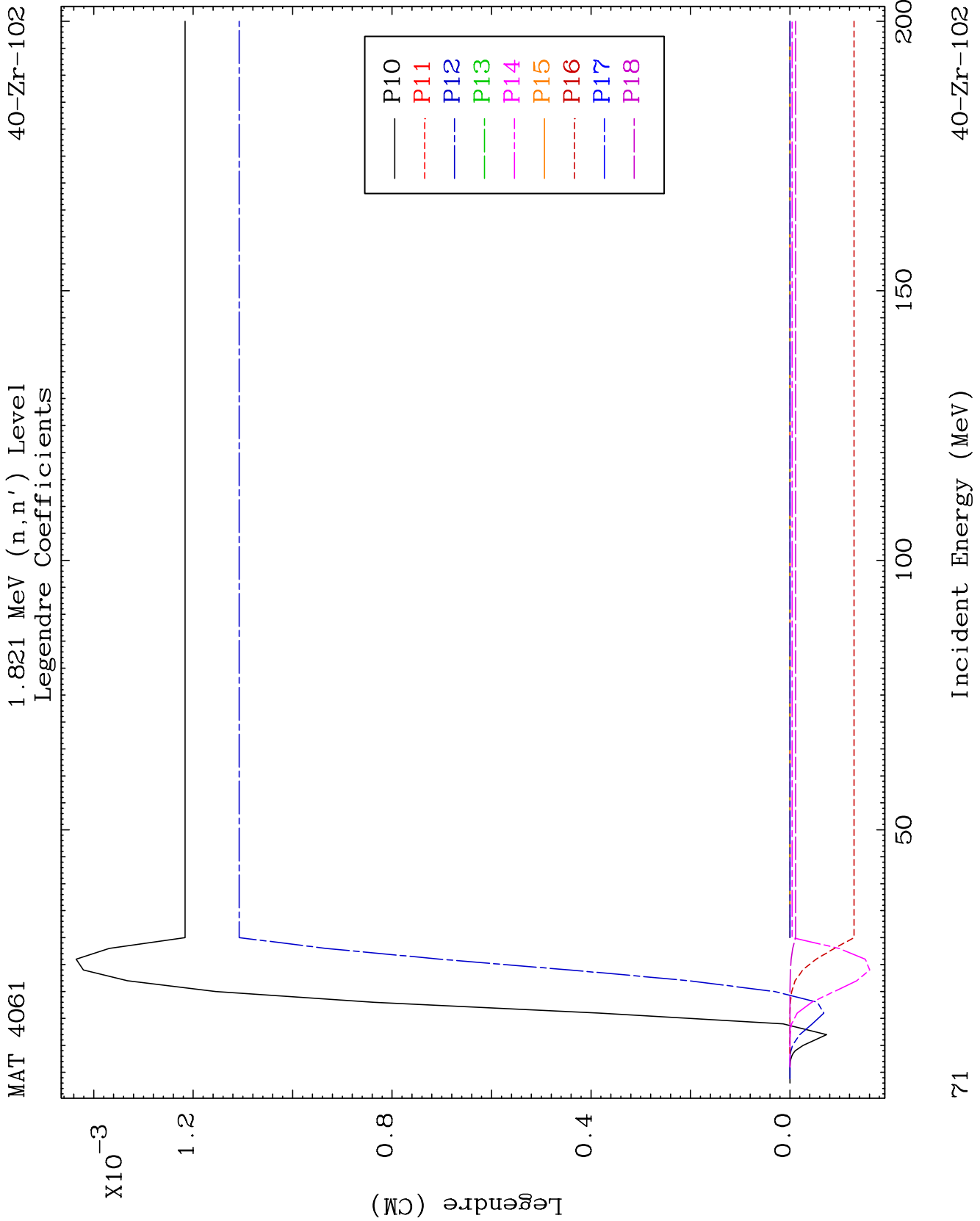
Incident Energy (MeV)

40-Zr-102

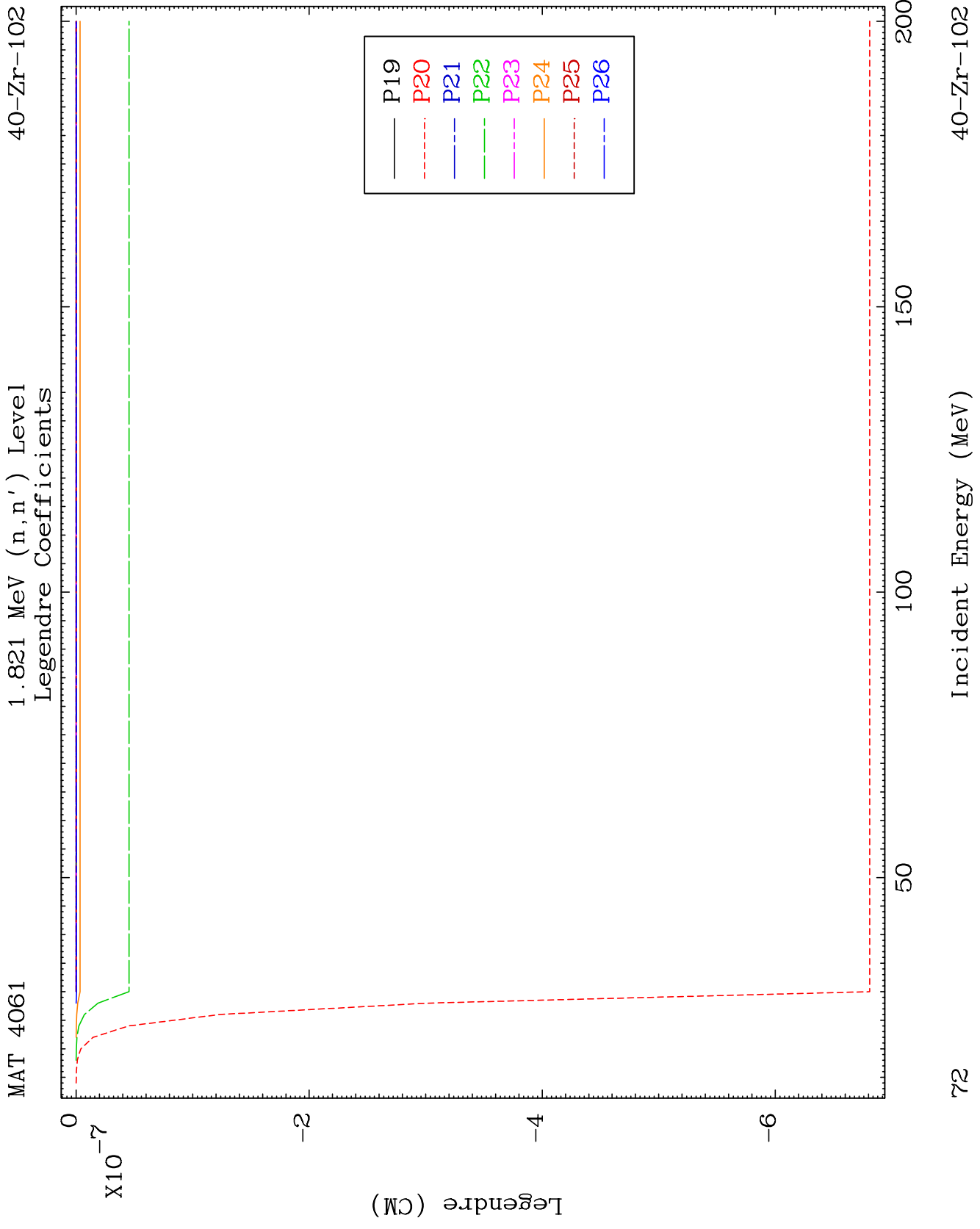






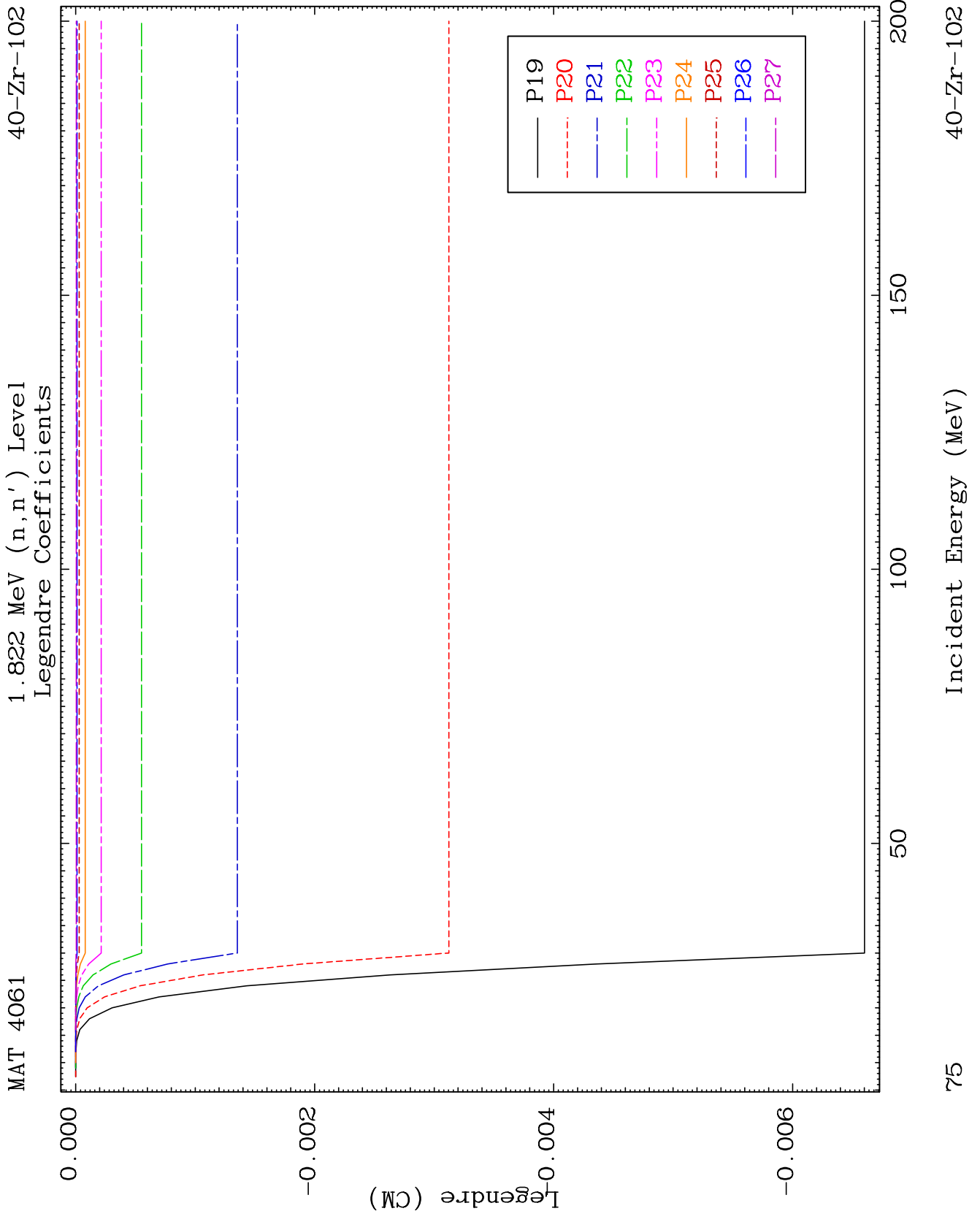


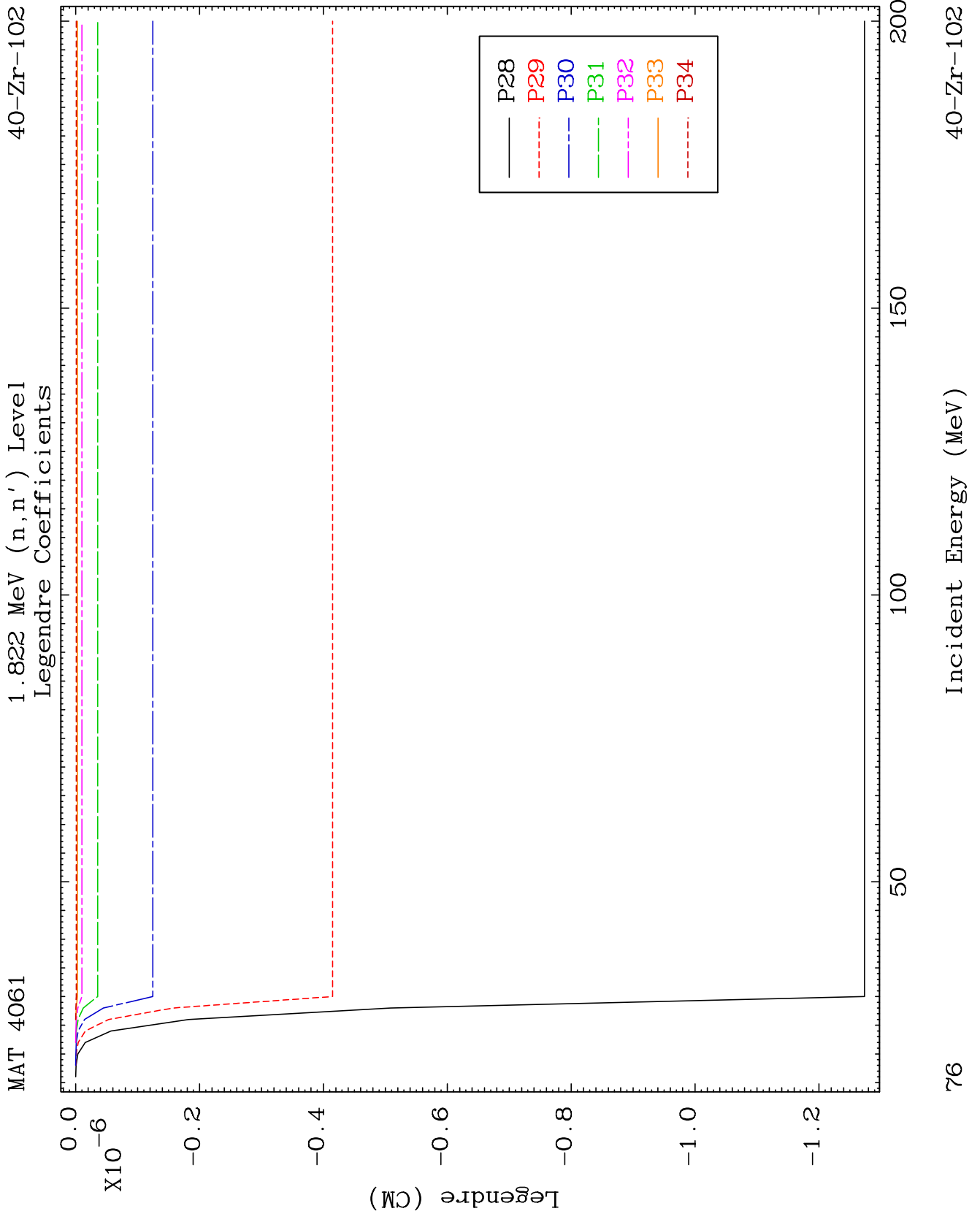


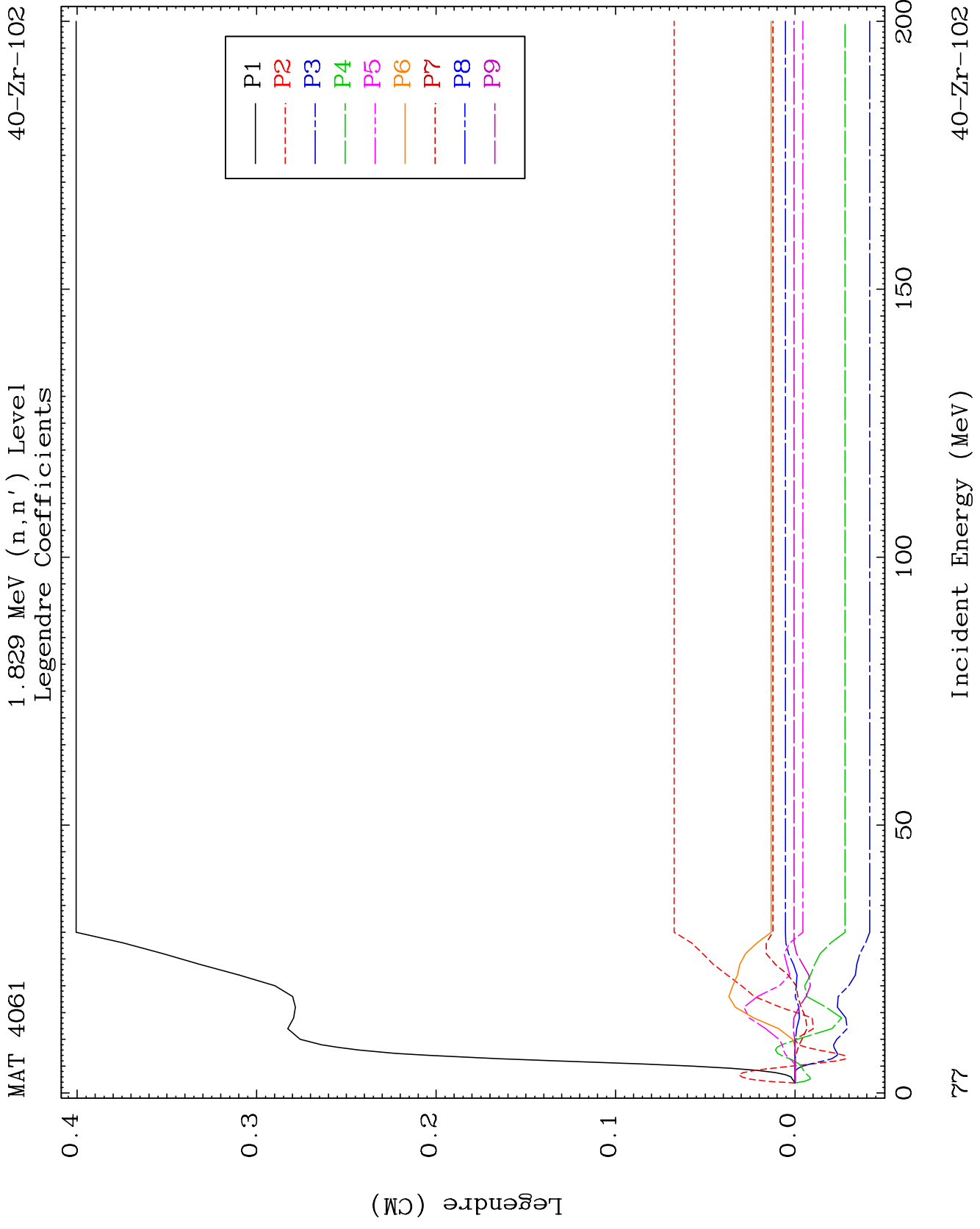








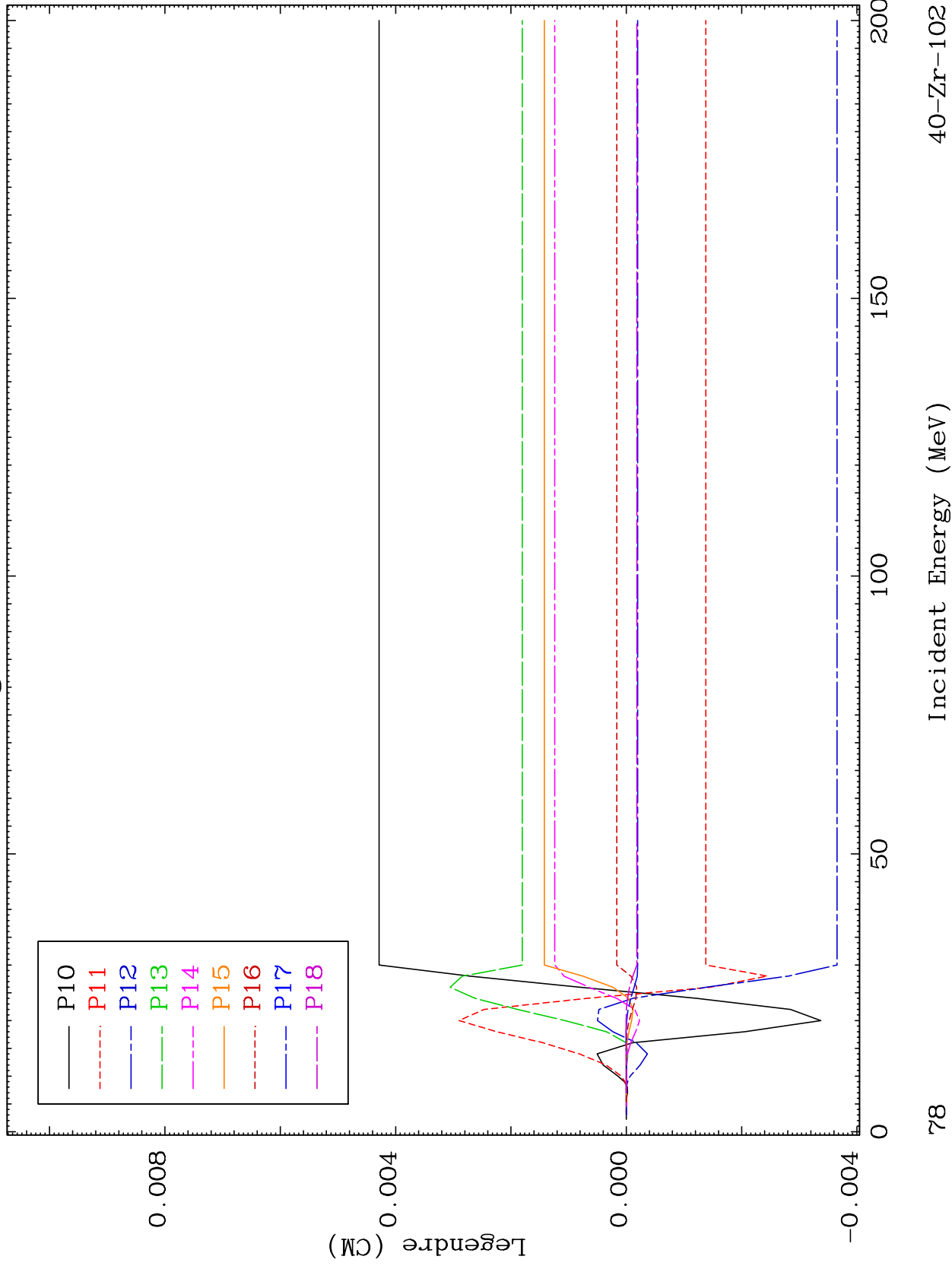




MAT 4061

1.829 MeV (n,n') Level  
Legendre Coefficients

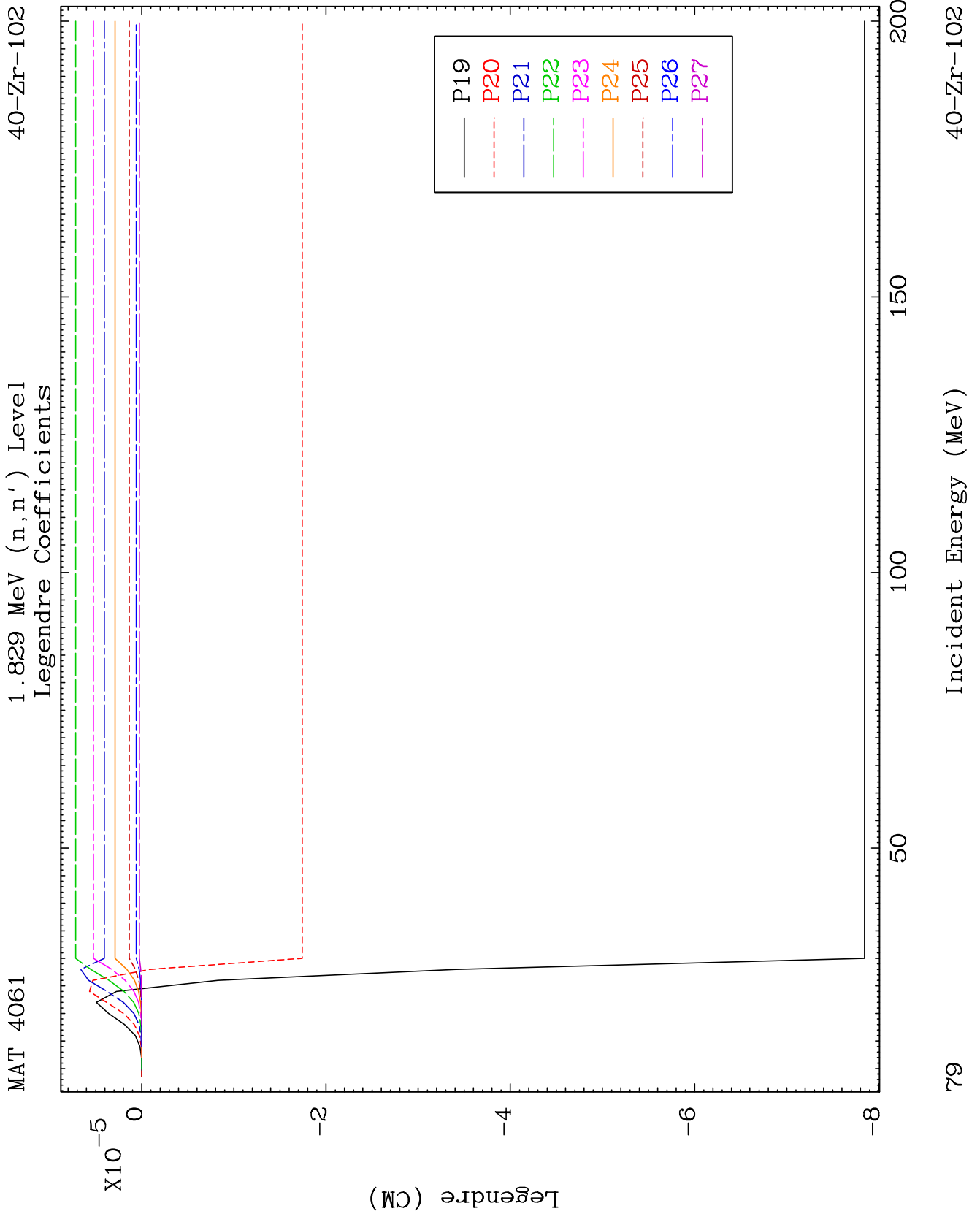
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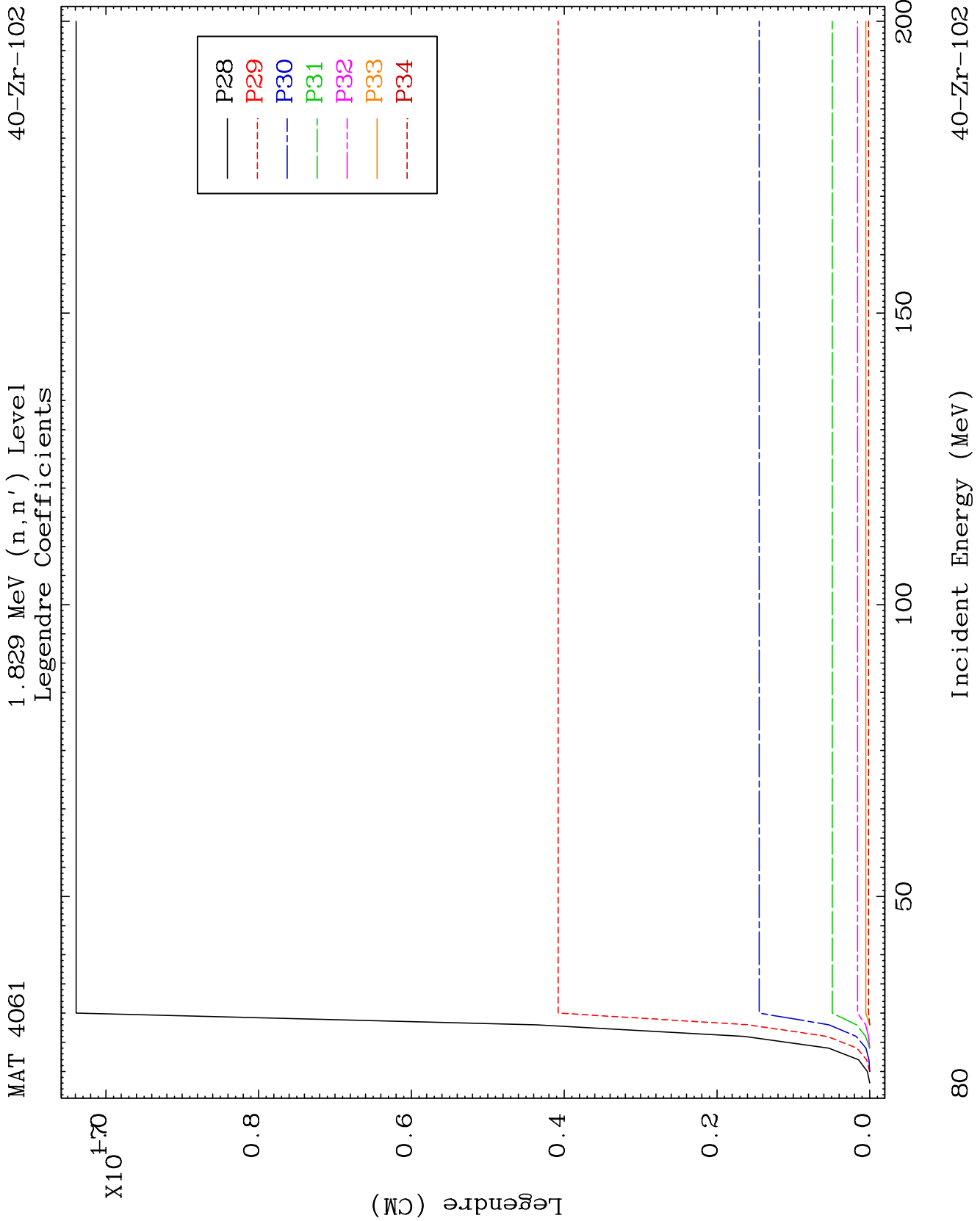
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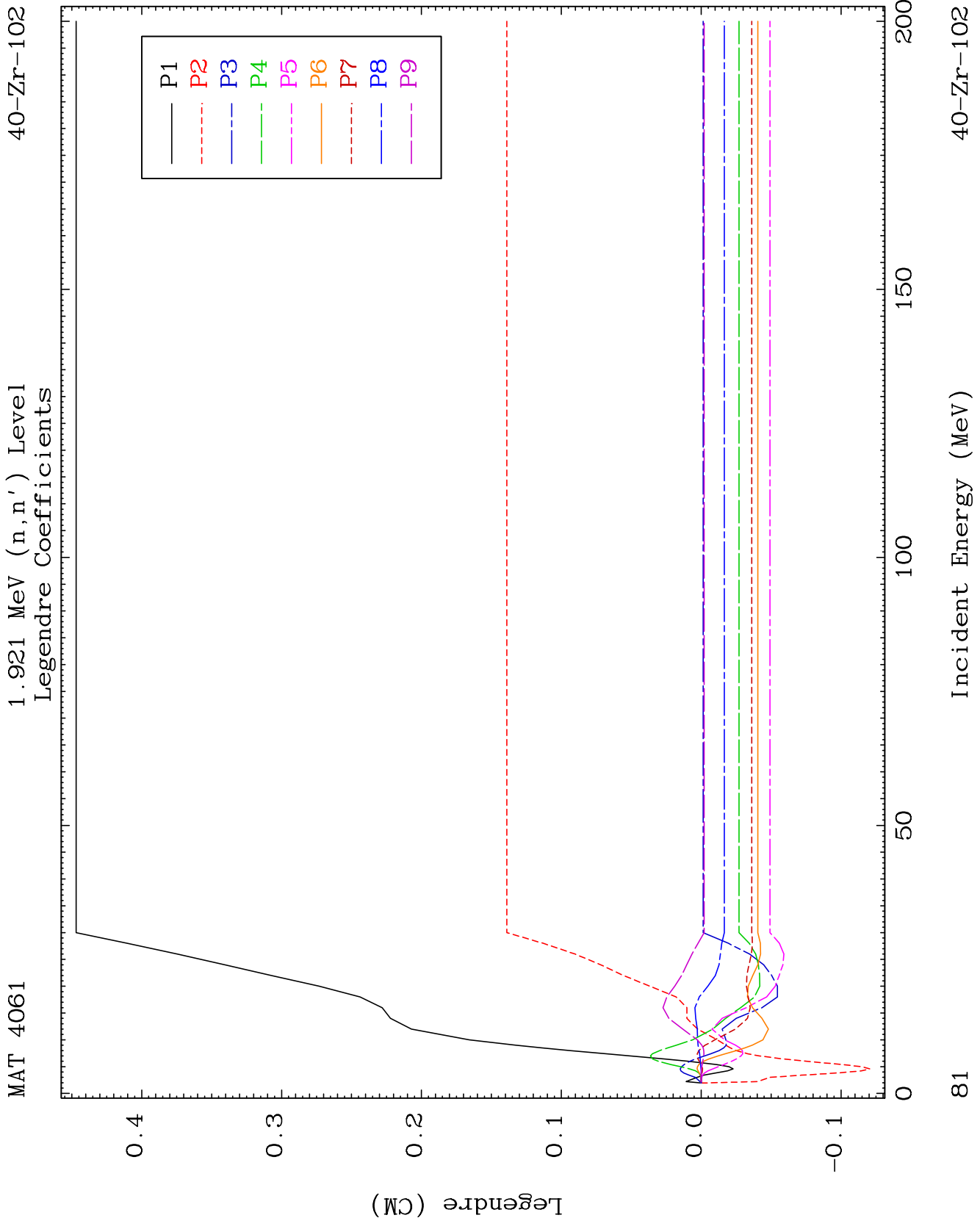
Incident Energy (MeV)

40-Zr-102

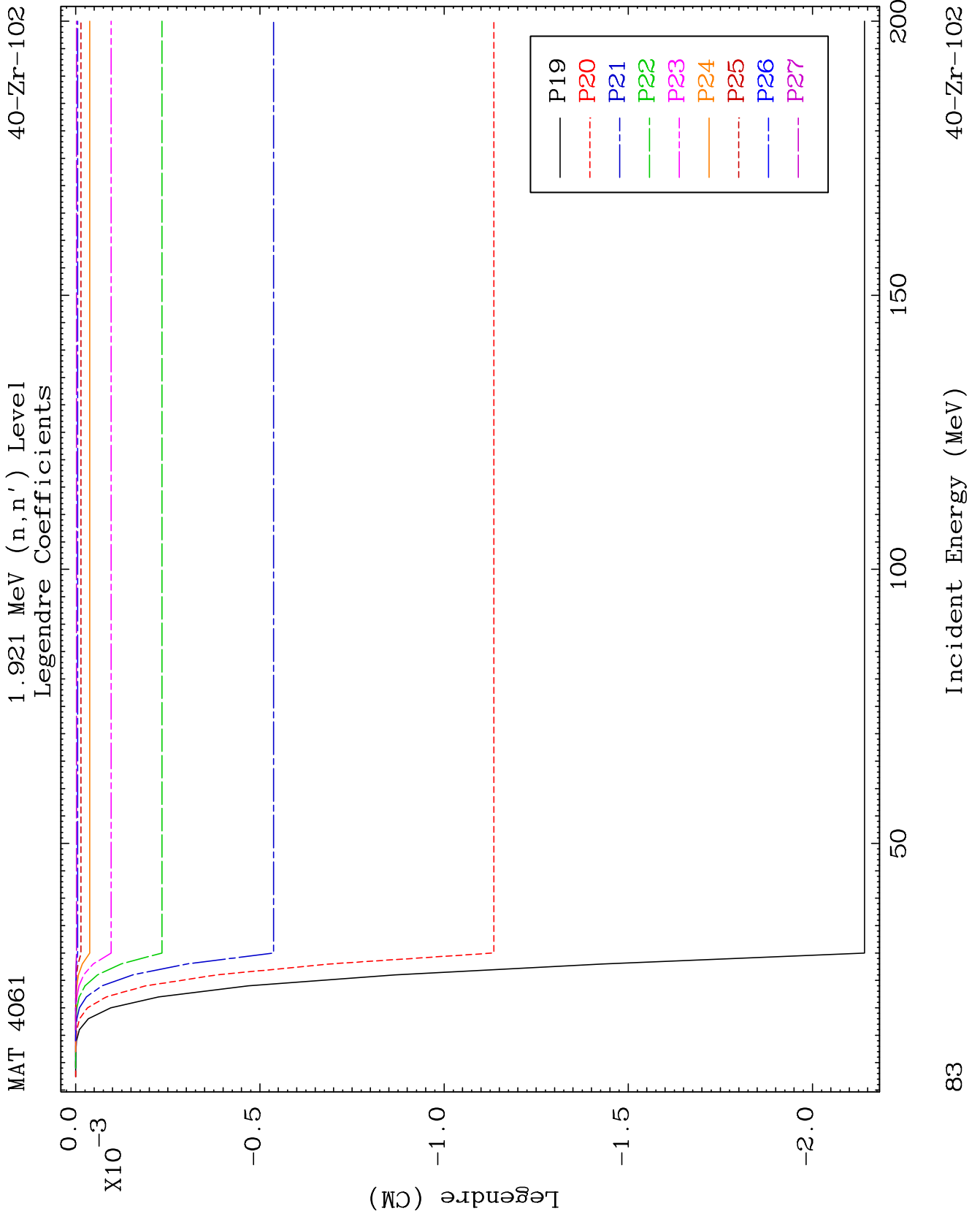


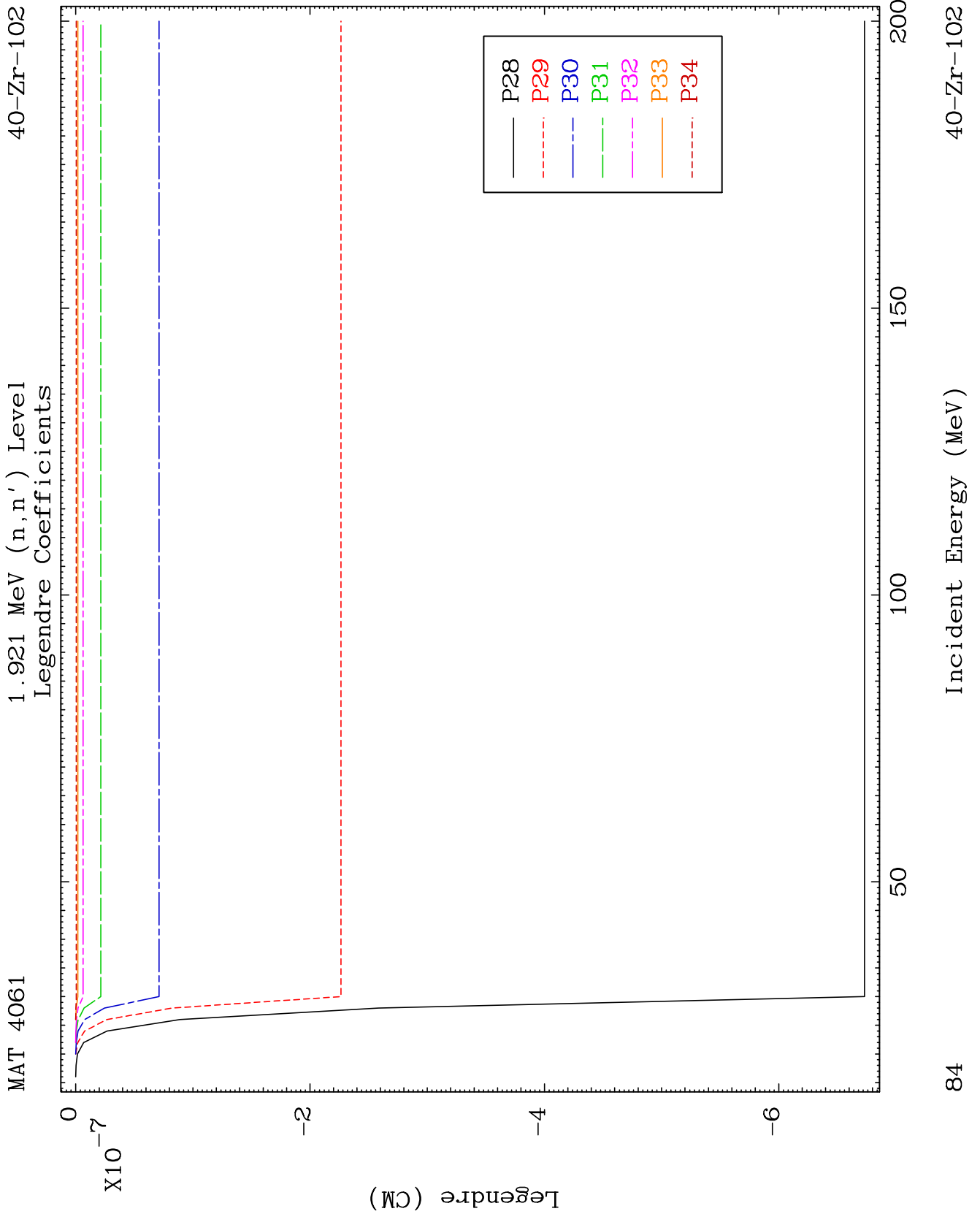










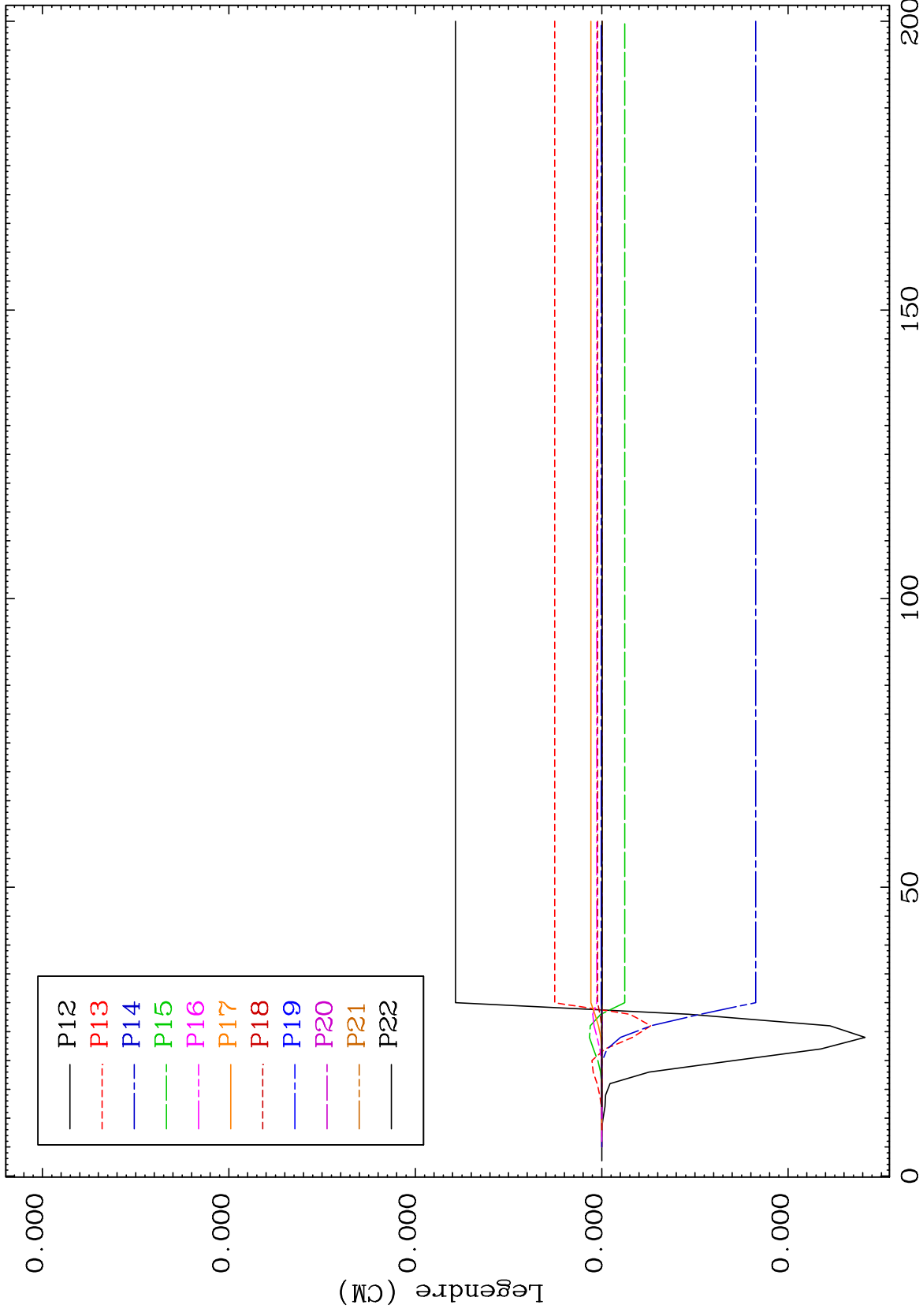




MAT 4061

1.933 MeV (n,n') Level  
Legendre Coefficients

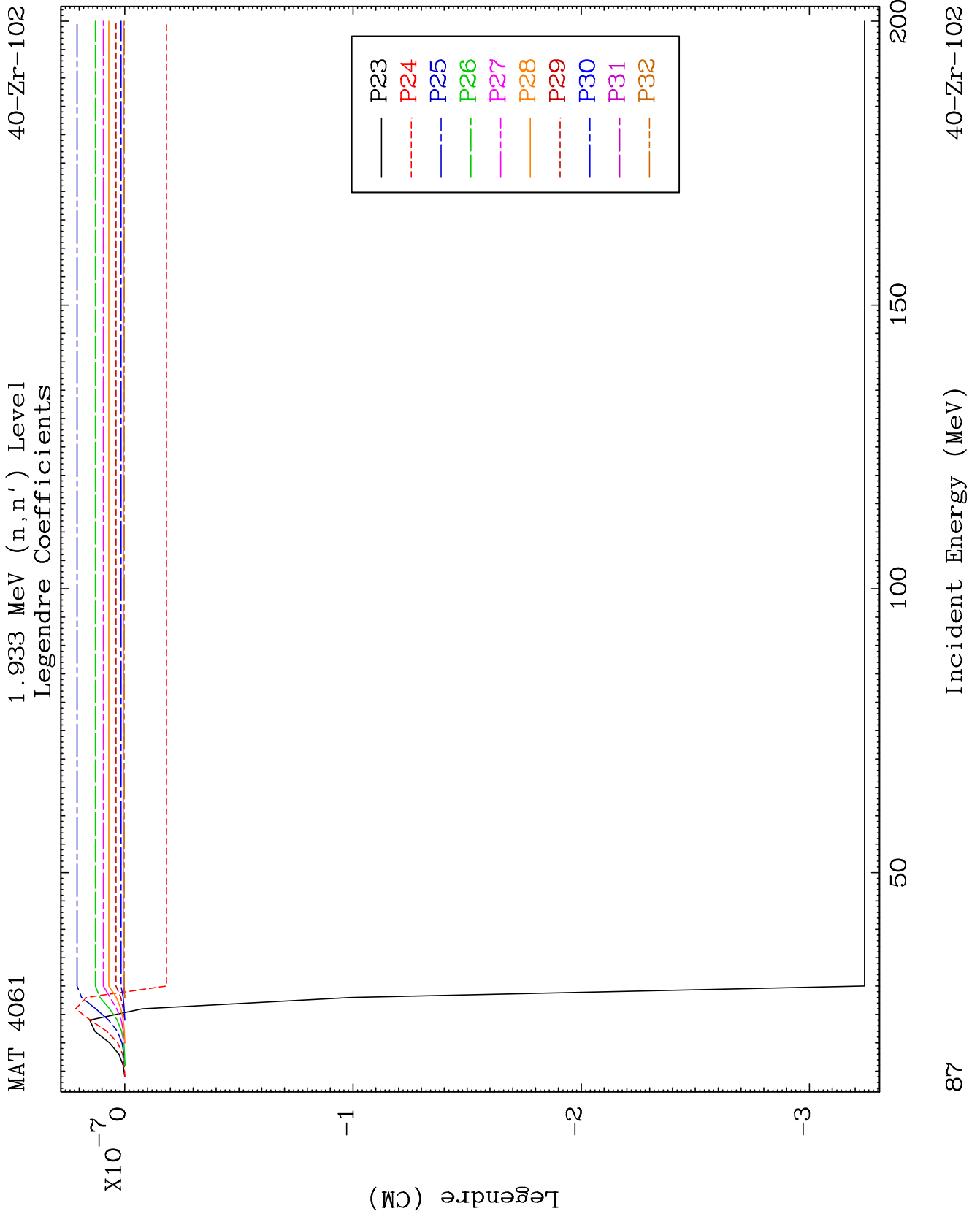
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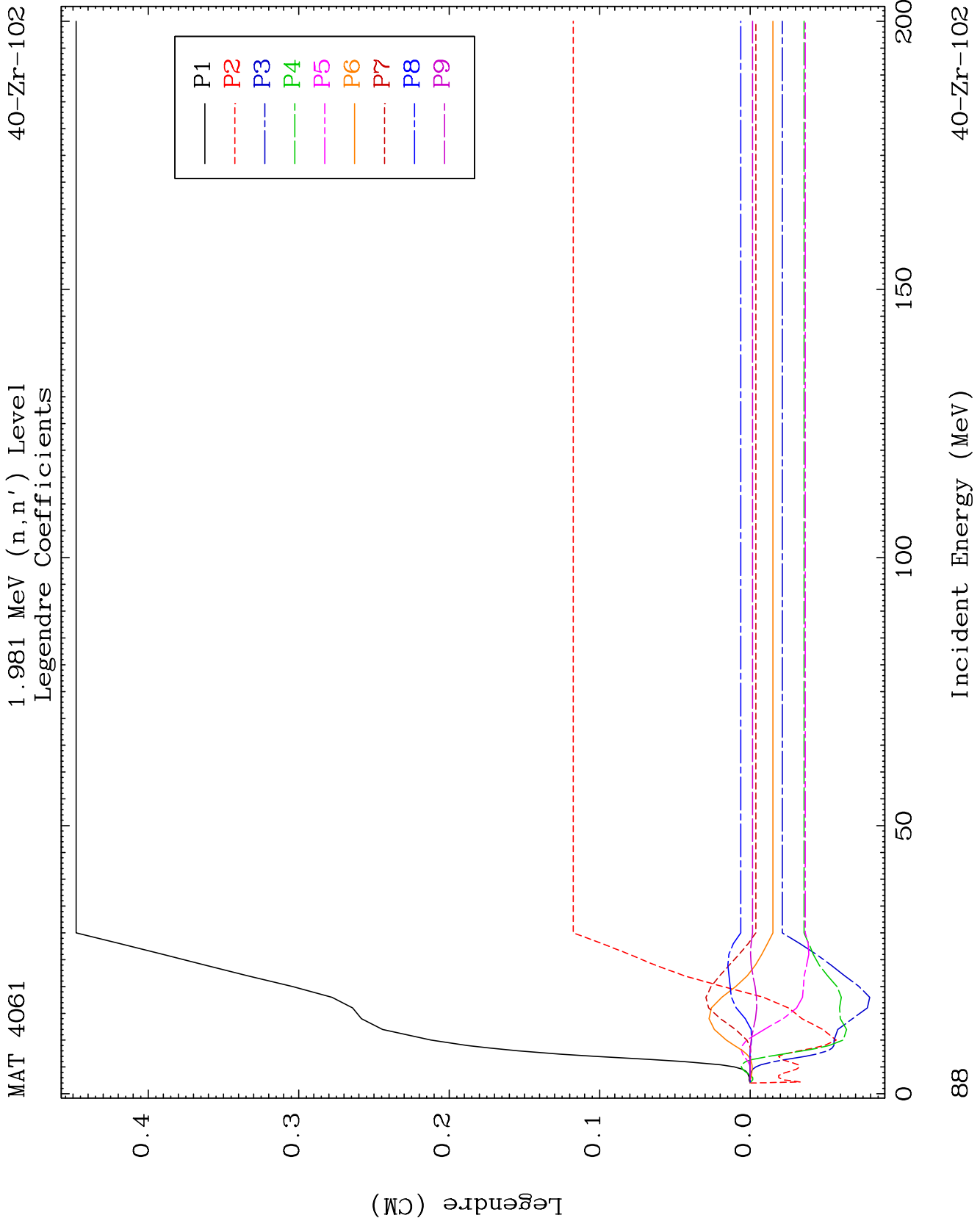
86

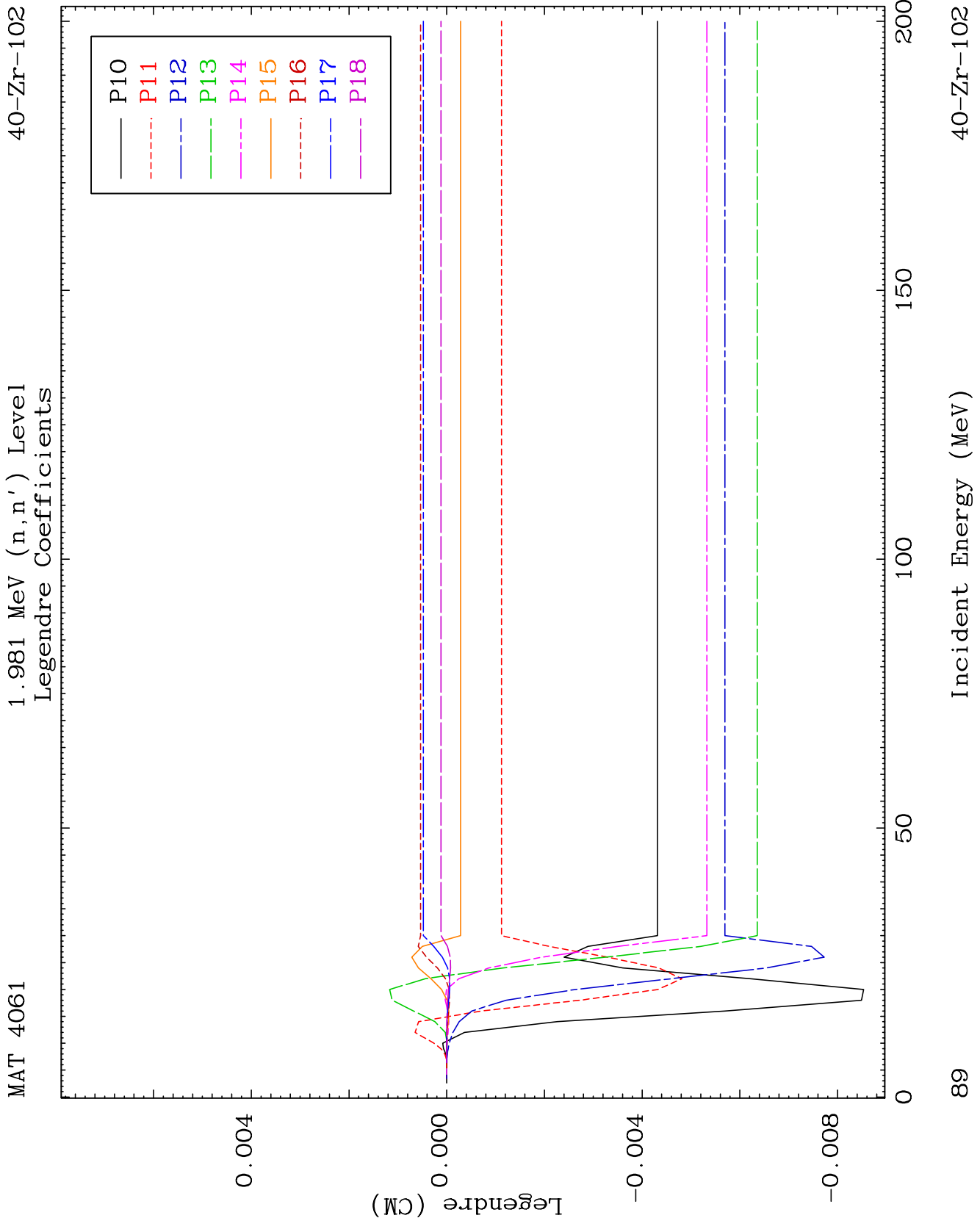
Incident Energy (MeV)

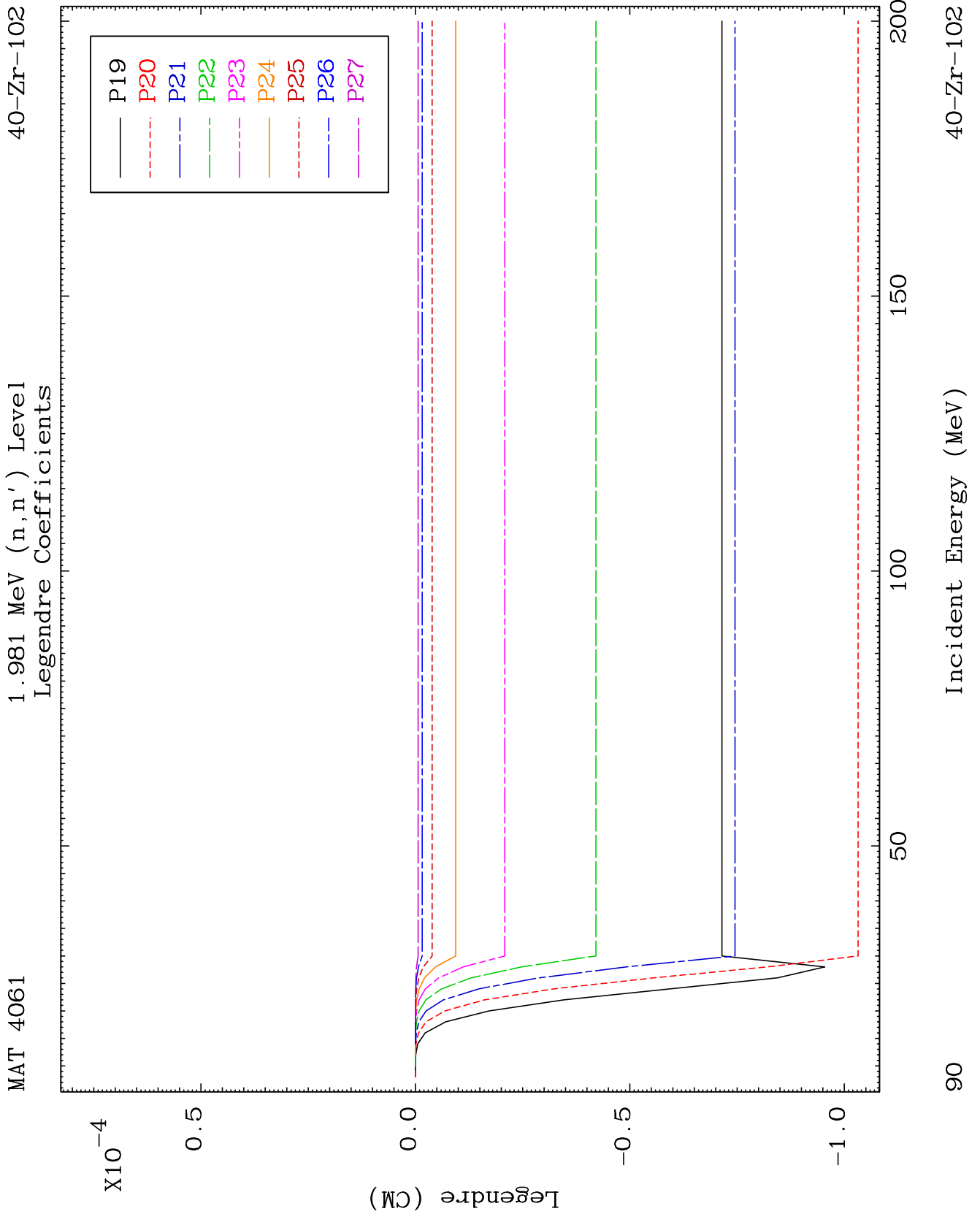
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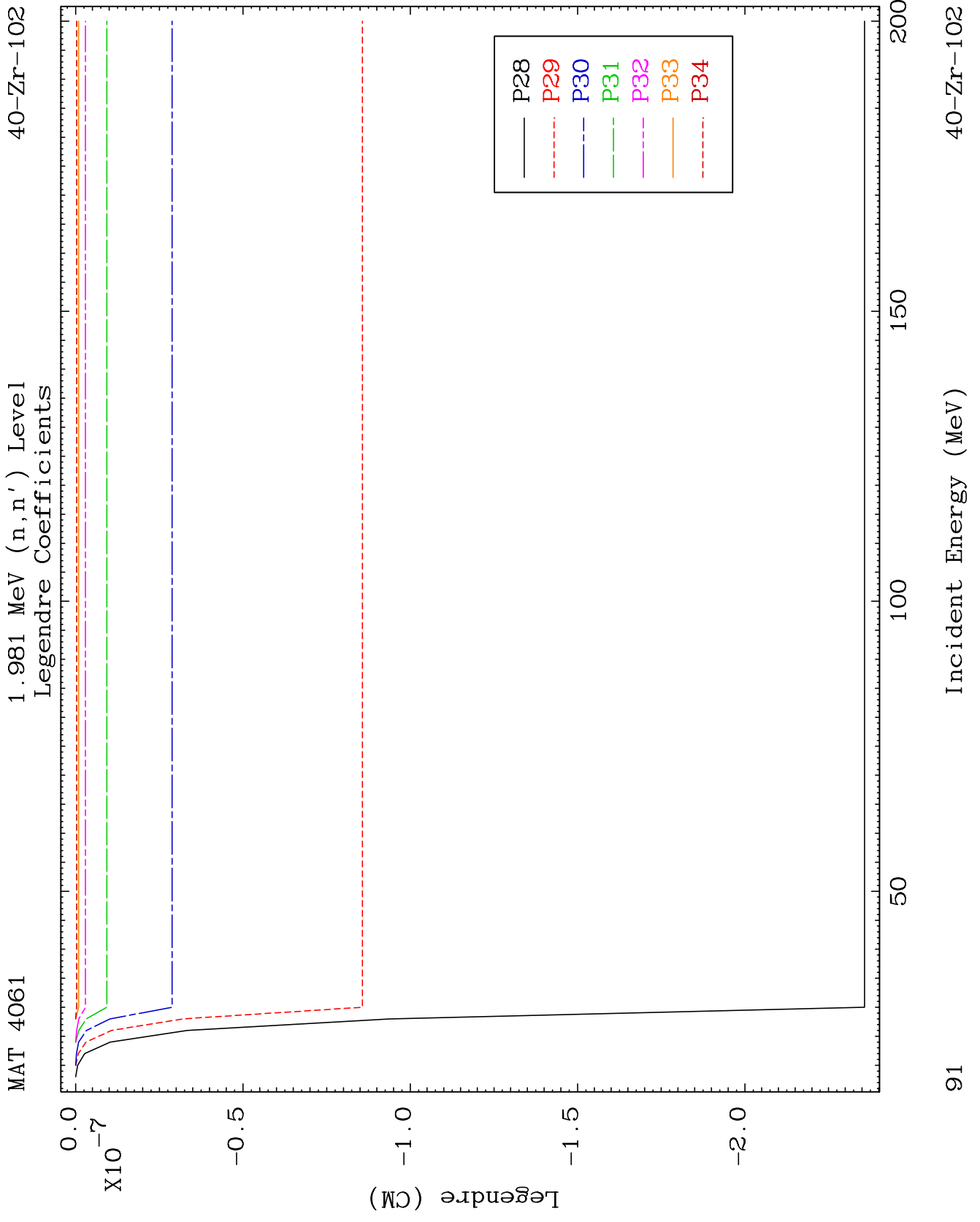










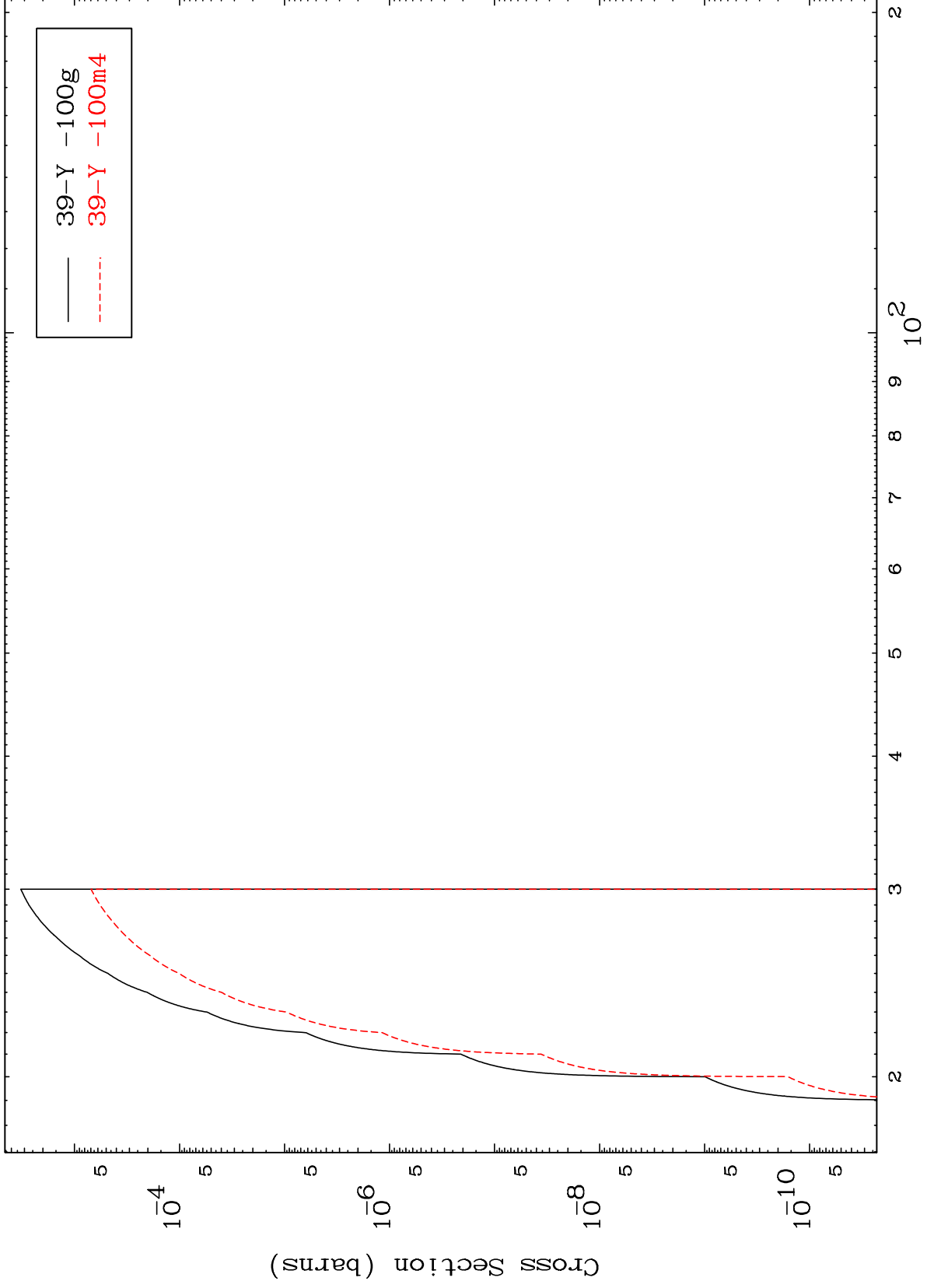


MAT 4061

(n,n') d

40-Zr-102

Radionuclide Production Cross Section



92

Incident Energy (MeV)

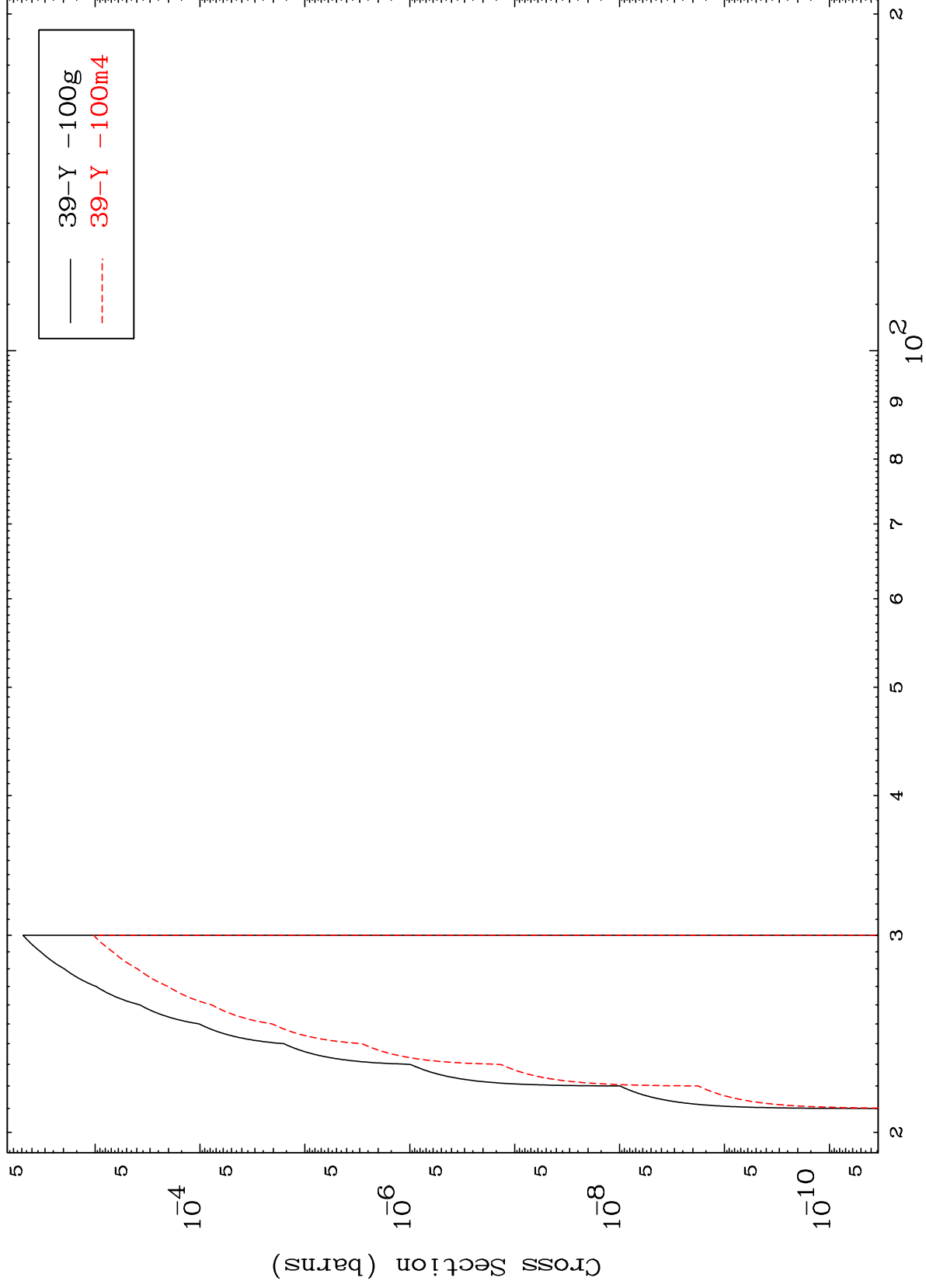
40-Zr-102

MAT 4061

(n,2n) p

40-Zr-102

Radionuclide Production Cross Section



93

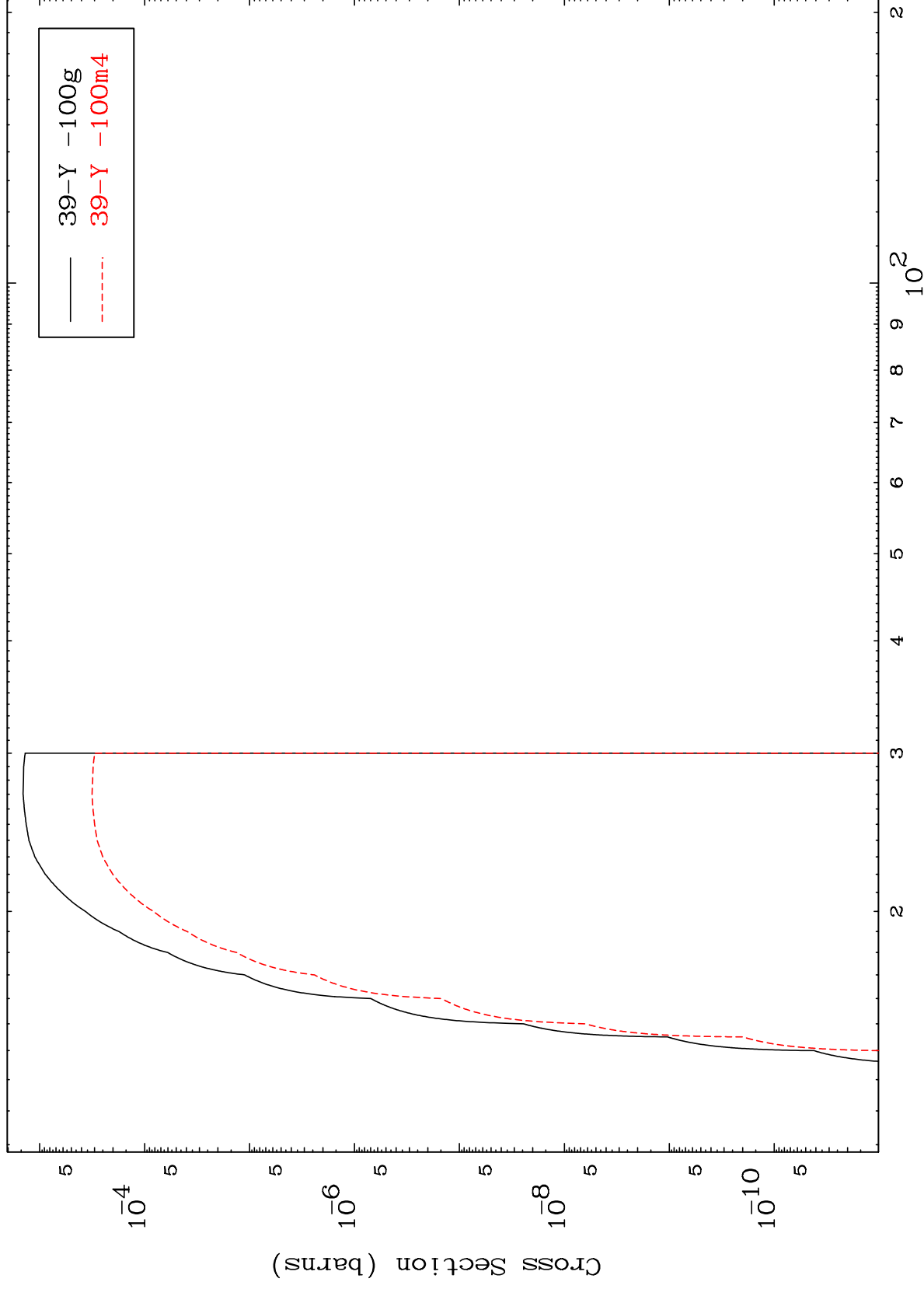
Incident Energy (MeV)

40-Zr-102

MAT 4061

40-Zr-102

(n,t)  
Radionuclide Production Cross Section



94

Incident Energy (MeV)

40-Zr-102