

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

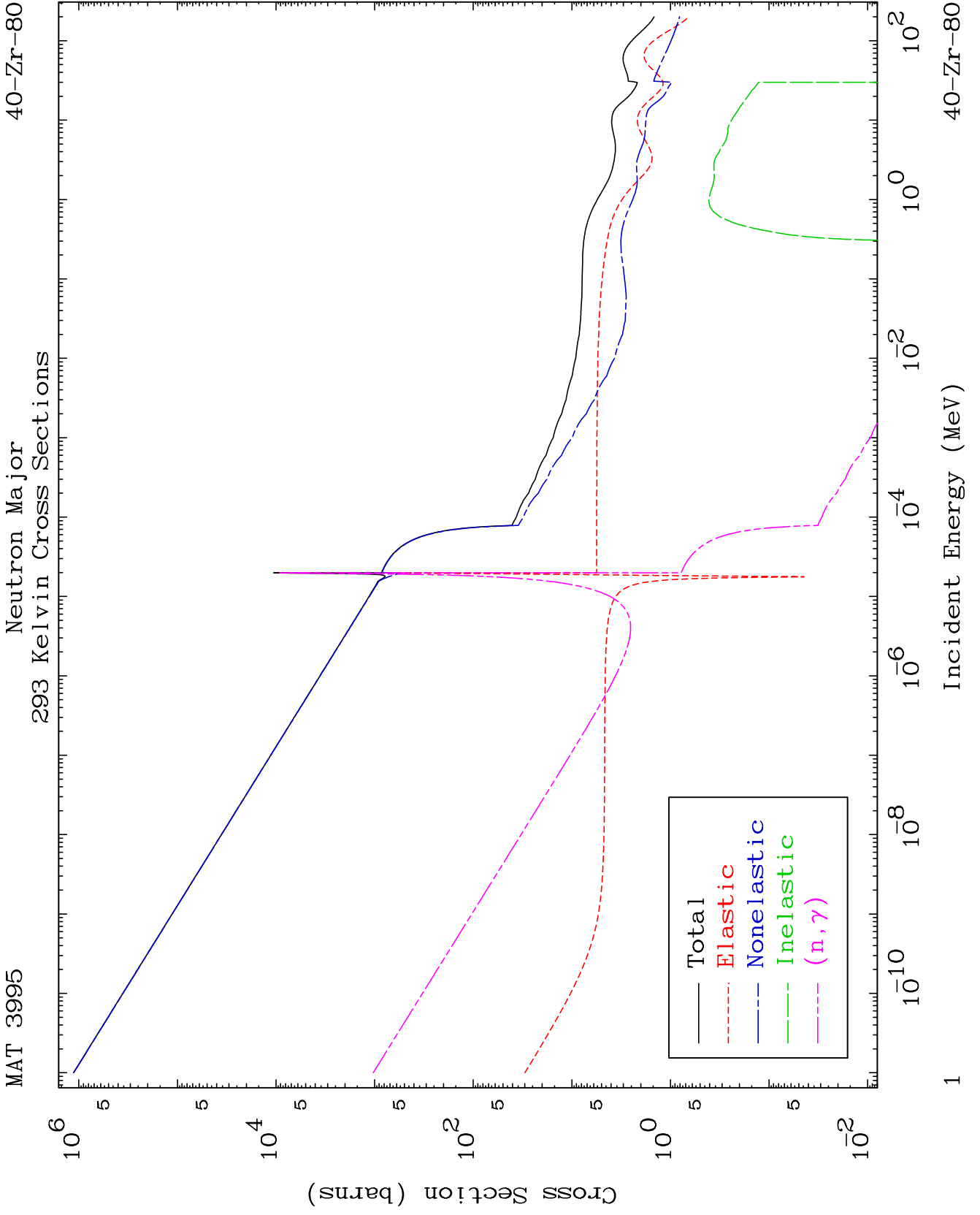
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

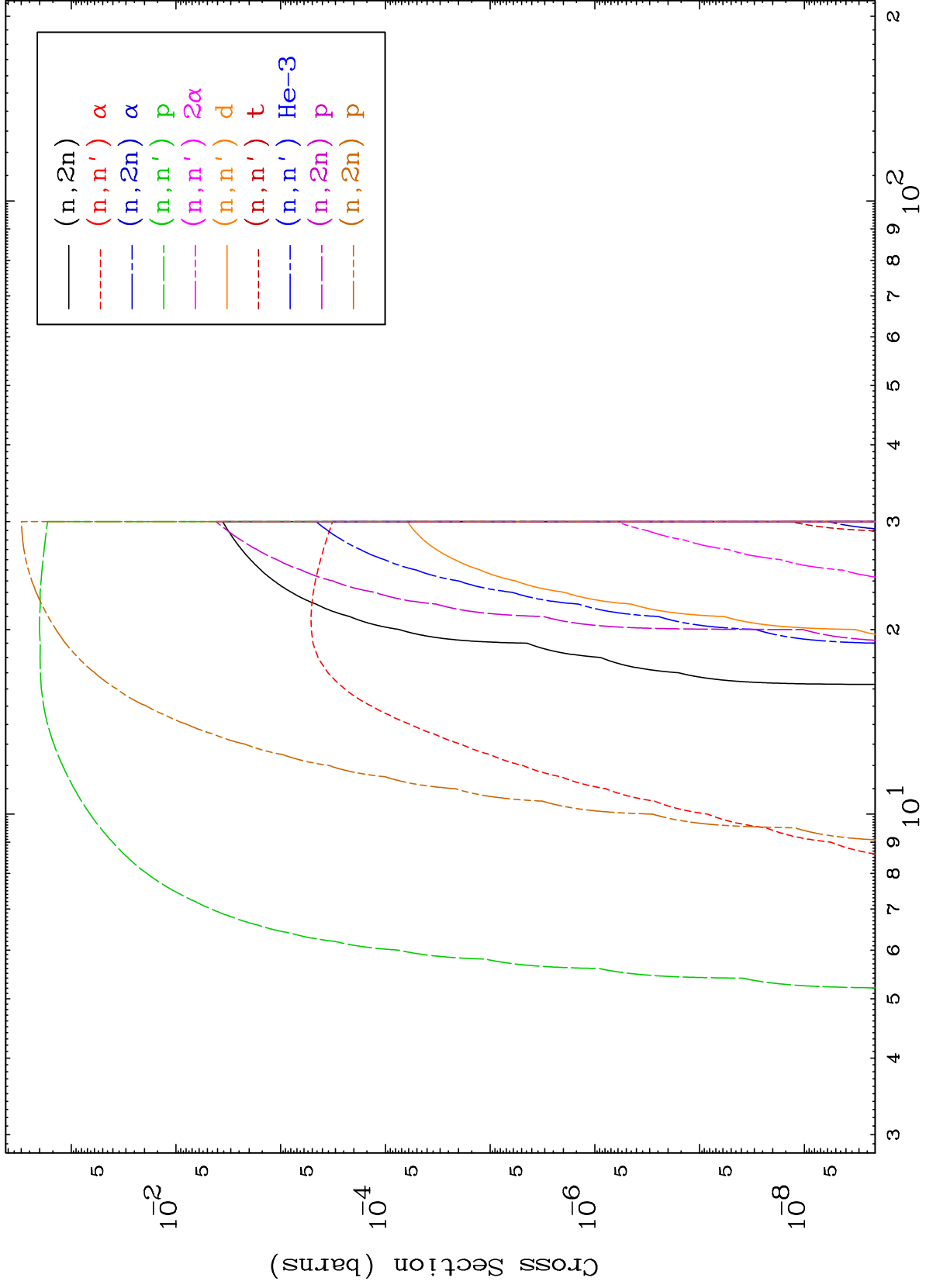
Press Mouse Button to Start



MAT 3995

Neutron Absorption  
293 Kelvin Cross Sections

40-Zr-80



2

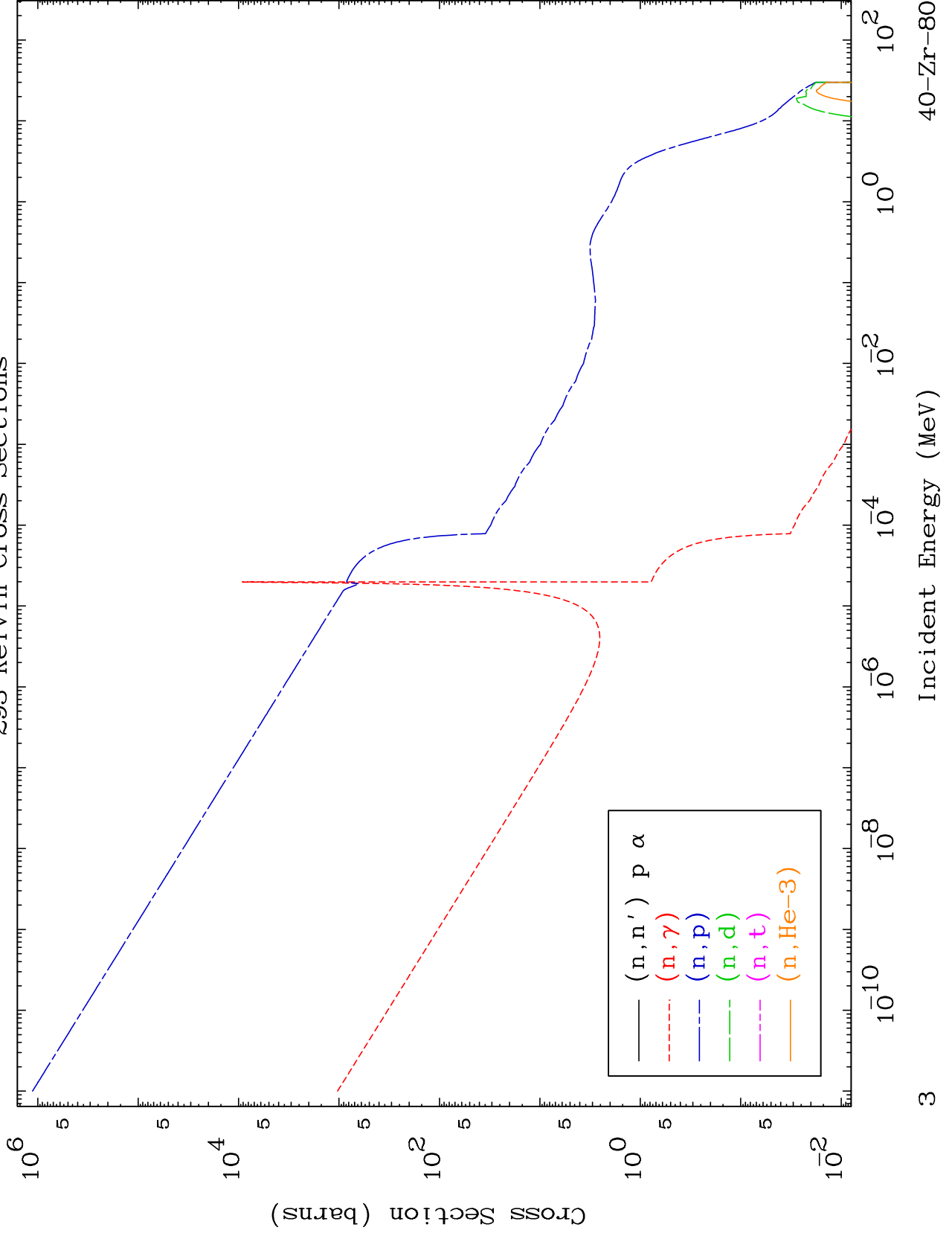
Incident Energy (MeV)

40-Zr-80

MAT 3995

Neutron Absorption  
293 Kelvin Cross Sections

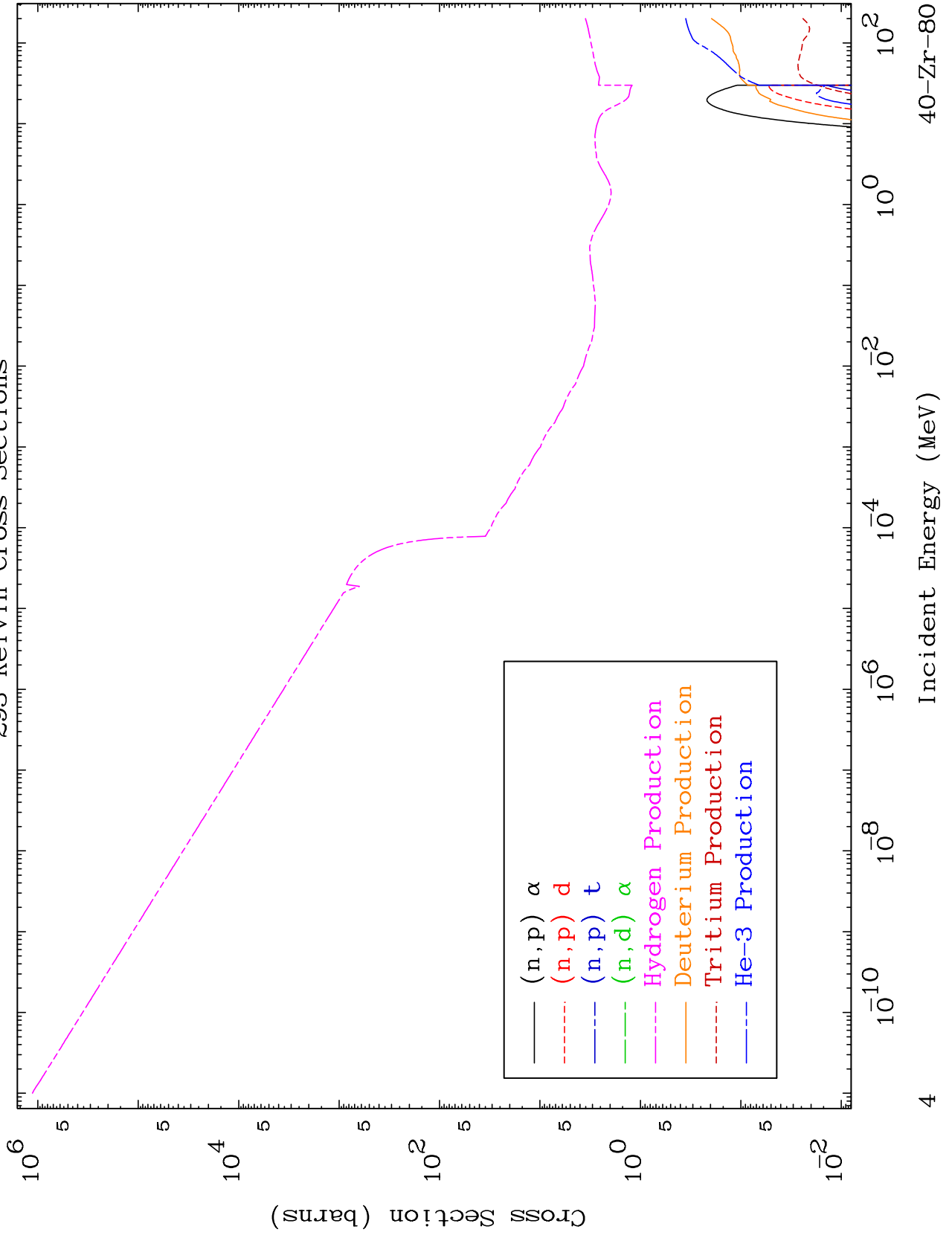
40-Zr-80



MAT 3995

Neutron Absorption  
293 Kelvin Cross Sections

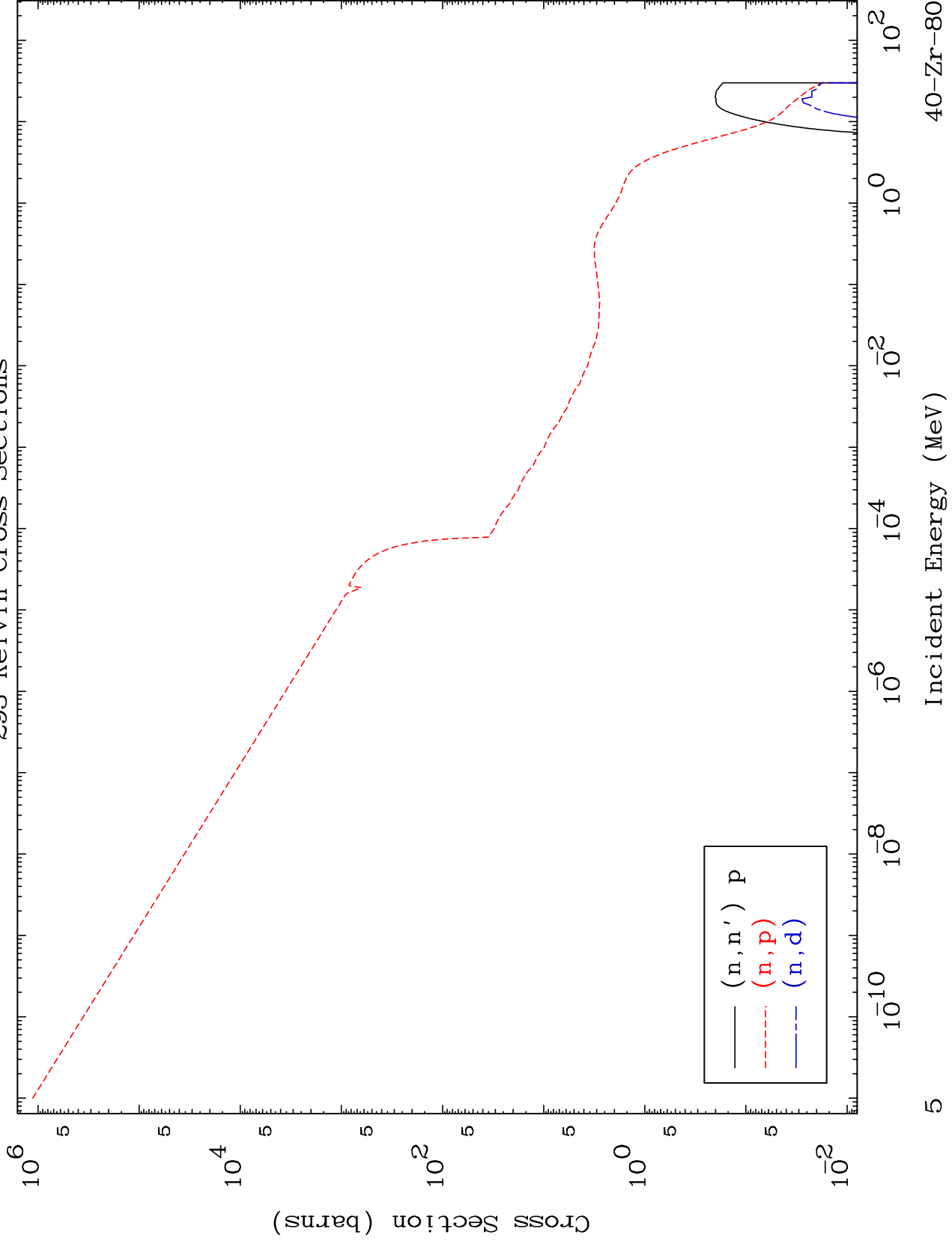
40-Zr-80



MAT 3995

Charged Particle  
293 Kelvin Cross Sections

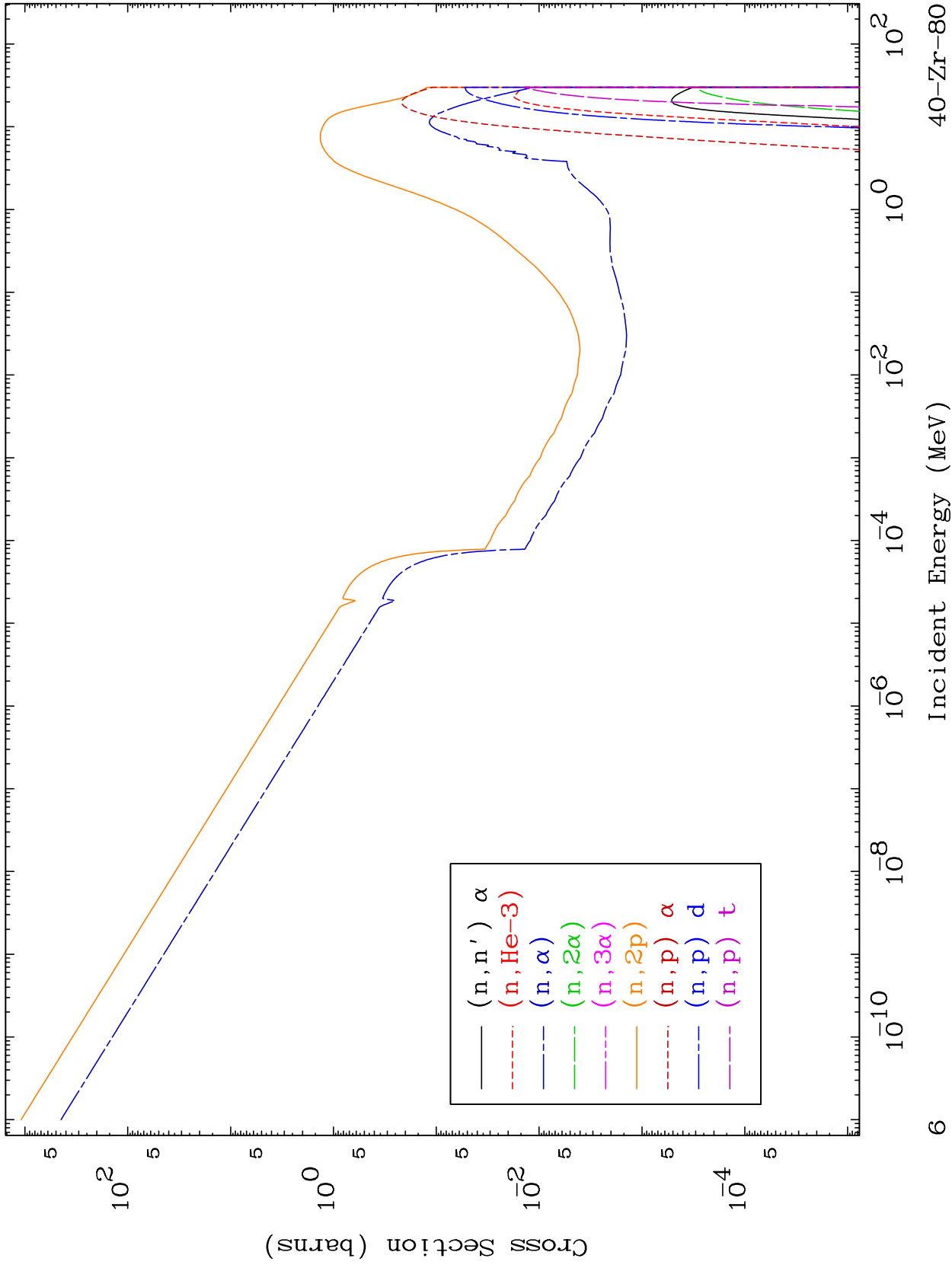
40-Zr-80

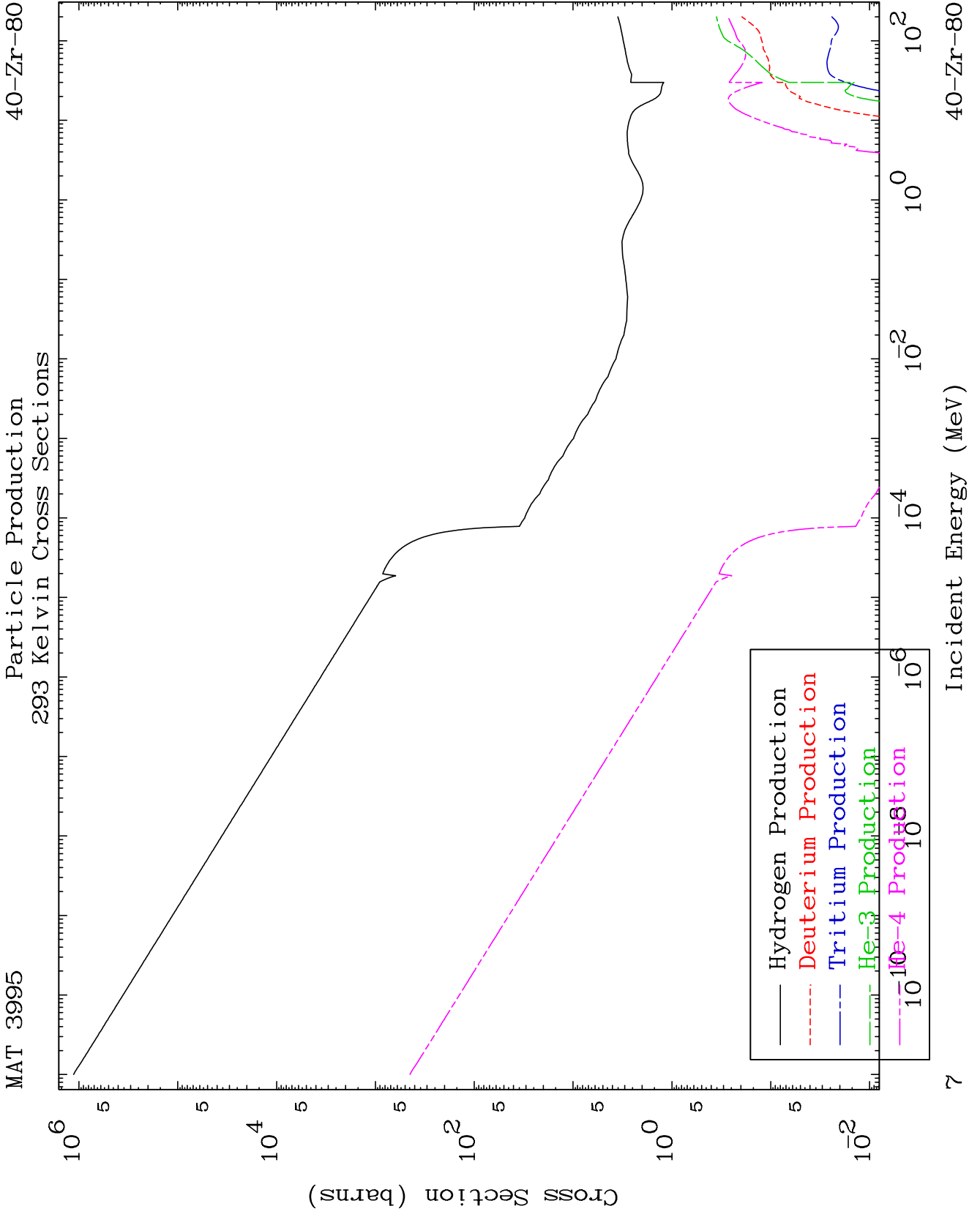


MAT 3995

Charged Particle  
293 Kelvin Cross Sections

40-Zr-80



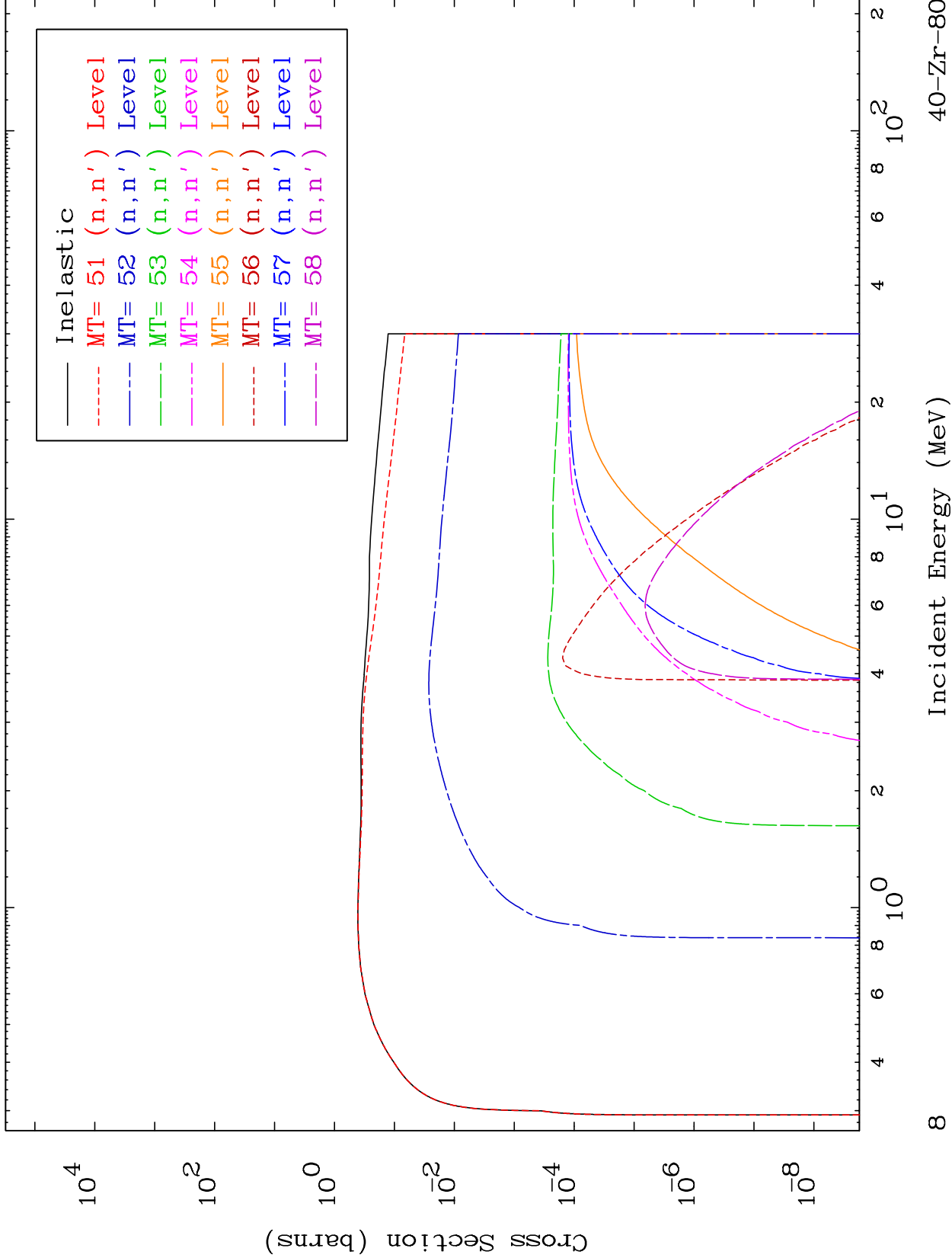




MAT 3995

(n,n') Levels  
293 Kelvin Cross Sections

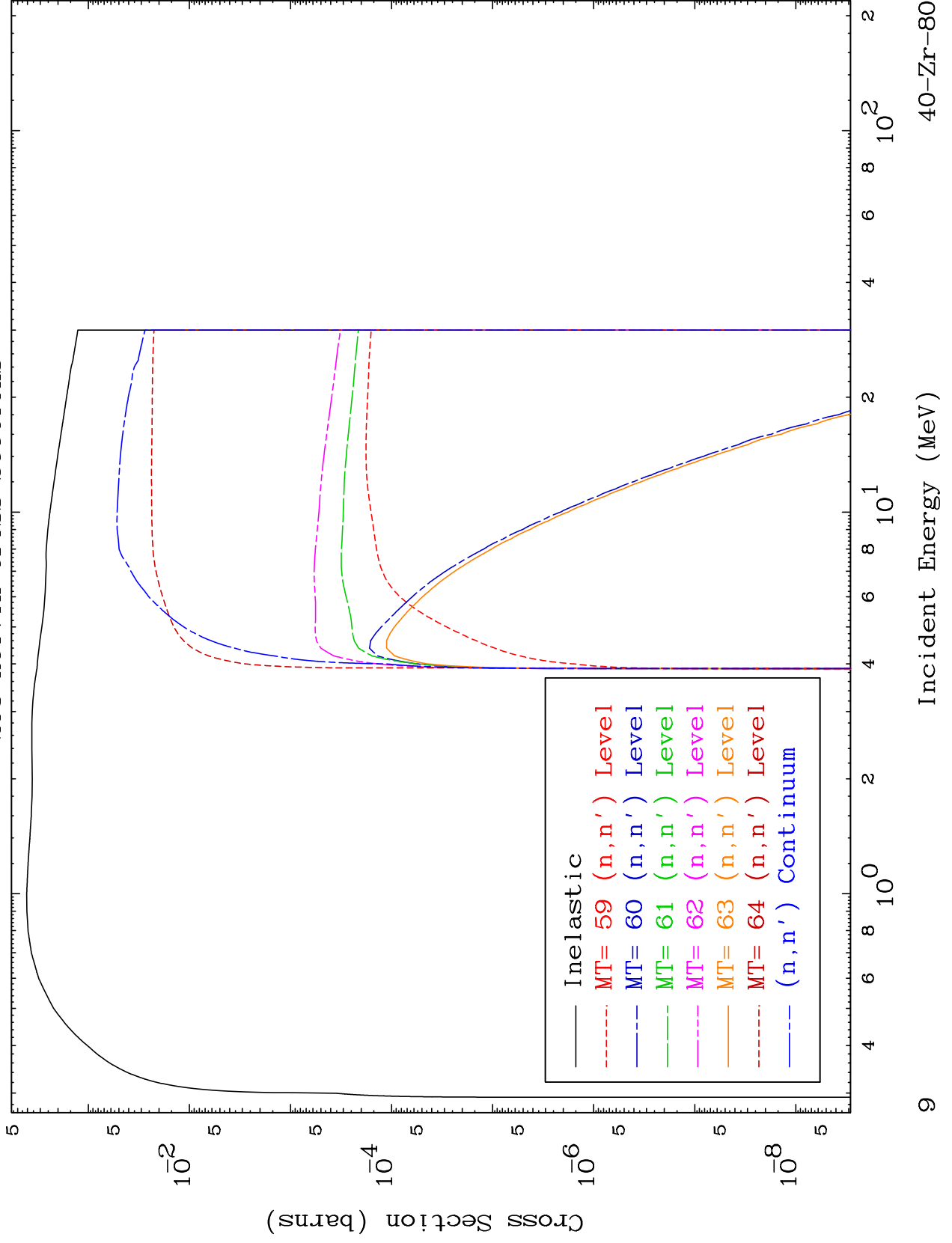
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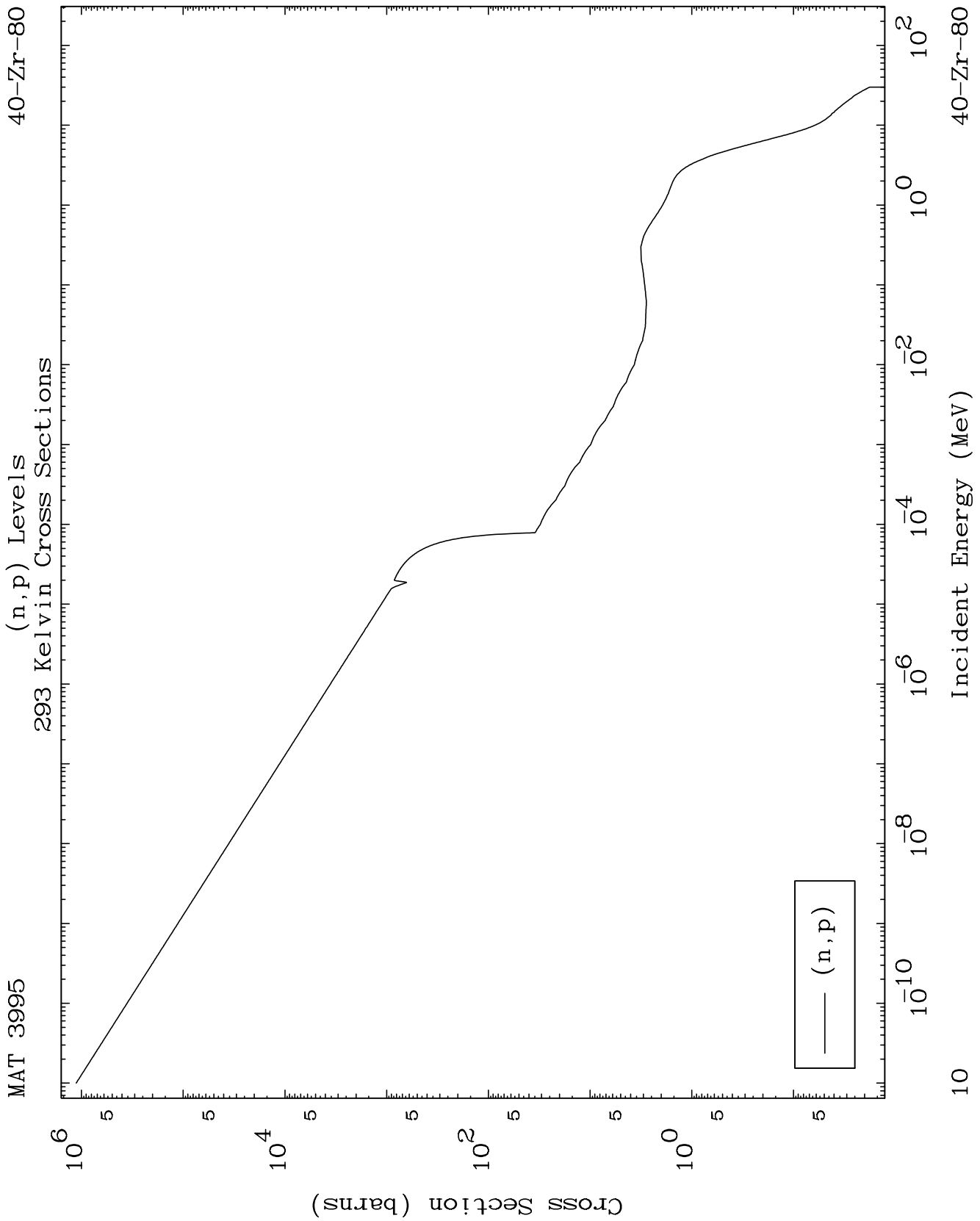


MAT 3995

(n,n') Levels  
293 Kelvin Cross Sections

40-Zr-80

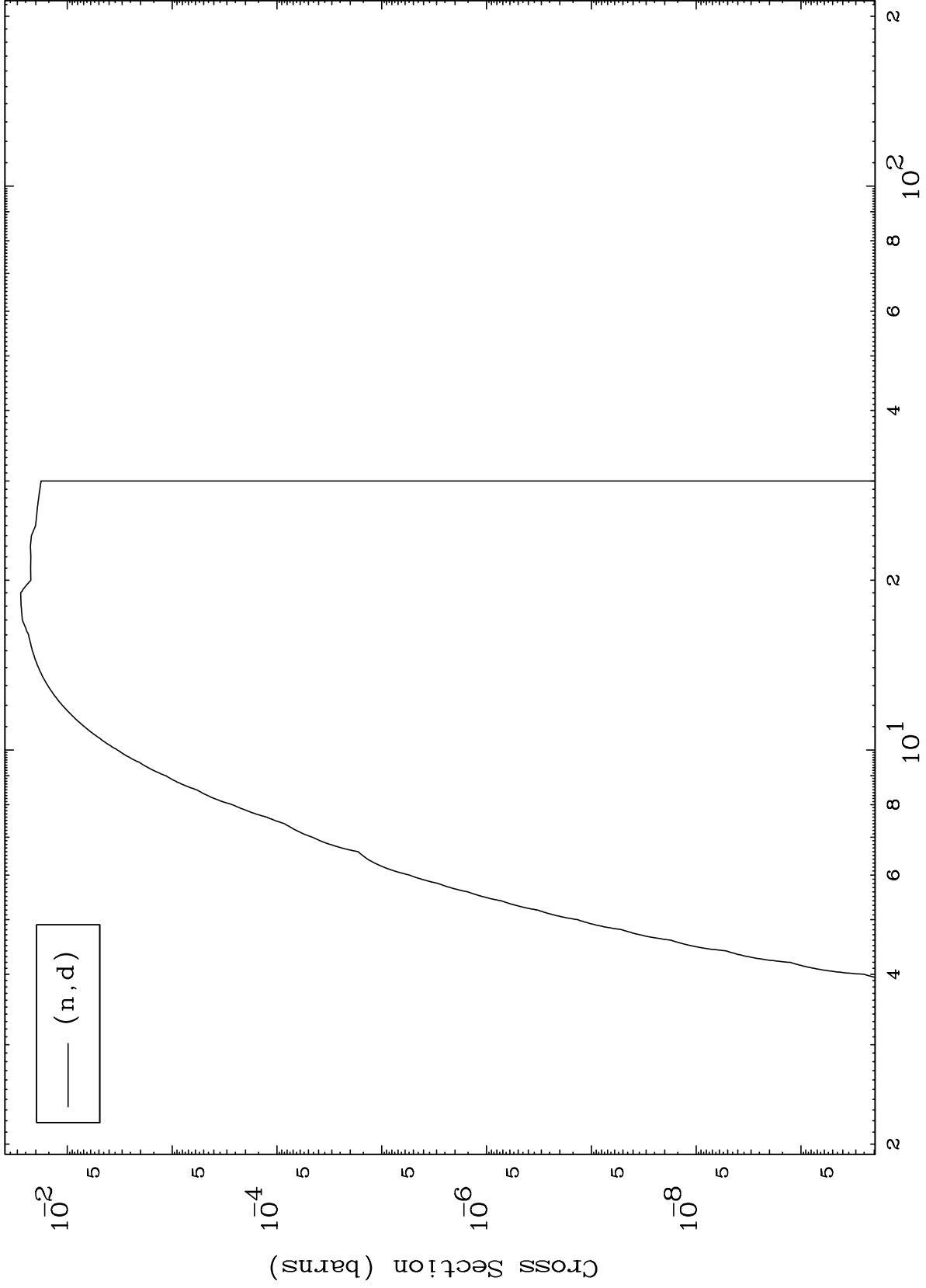




MAT 3995

(n,d) Levels  
293 Kelvin Cross Sections

40-Zr-80

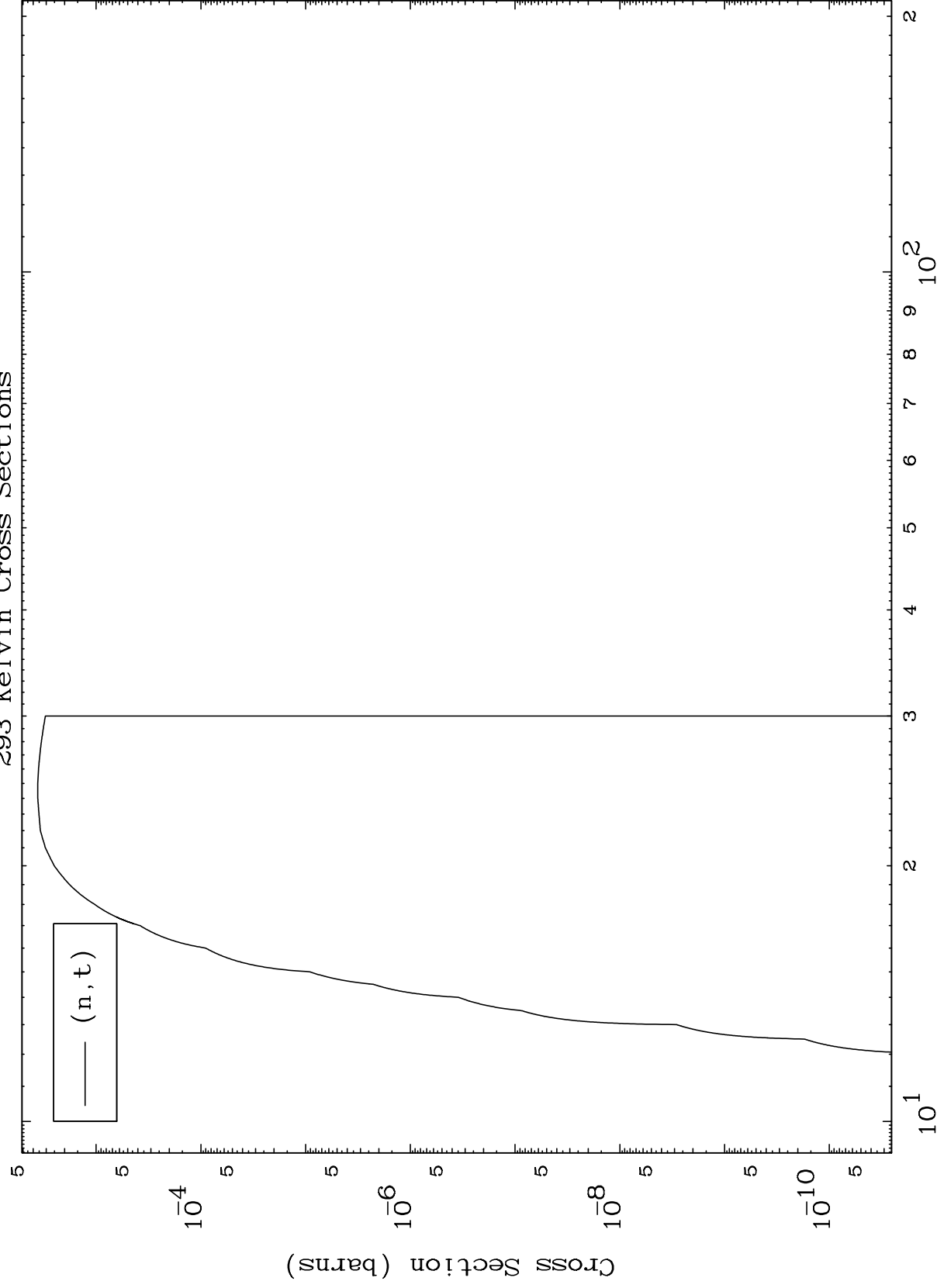


(n,d)

MAT 3995

(n,t) Levels  
293 Kelvin Cross Sections

40-Zr-80



Incident Energy (MeV)

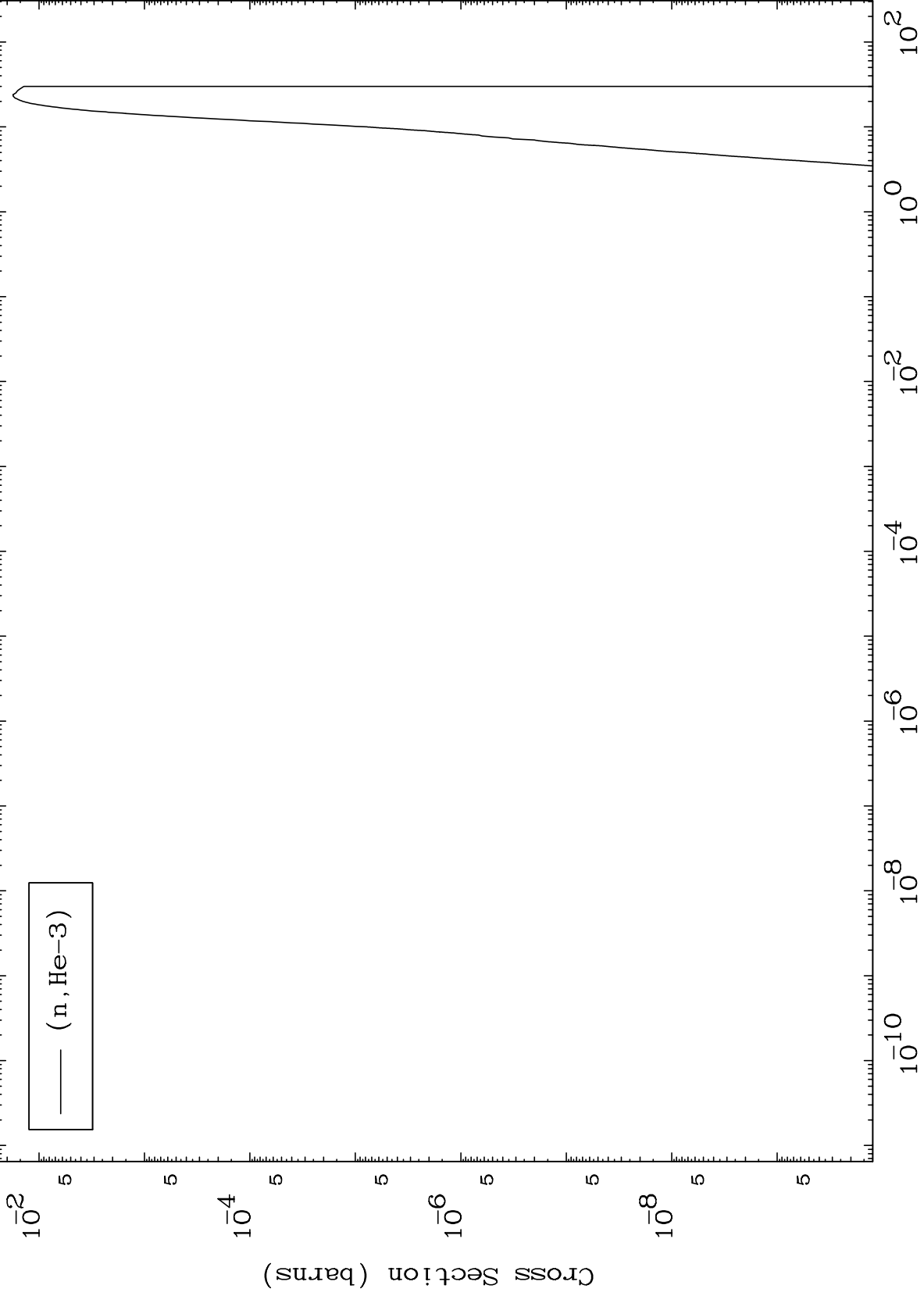
40-Zr-80

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MAT 3995

(n,He3) Levels  
293 Kelvin Cross Sections

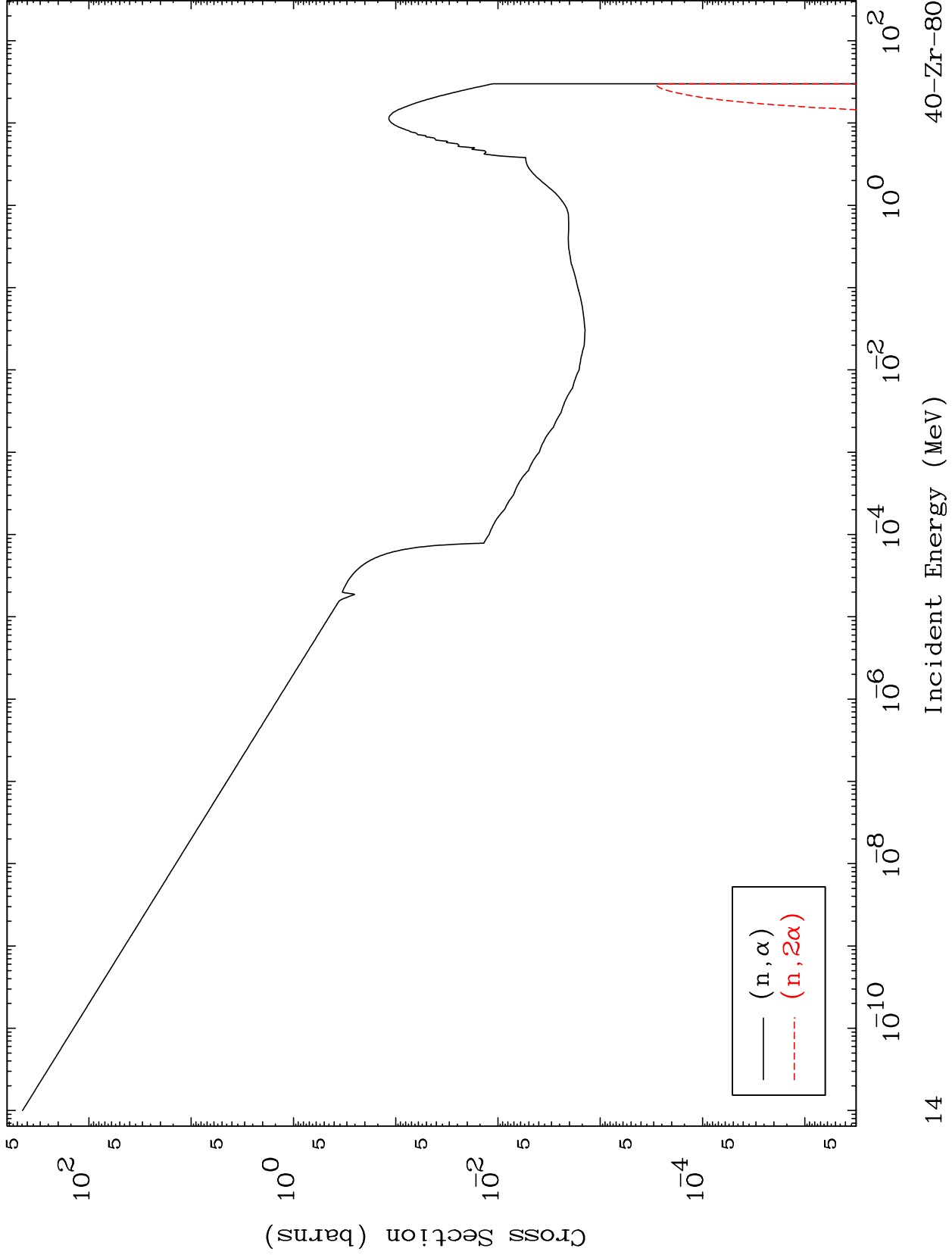
40-Zr-80

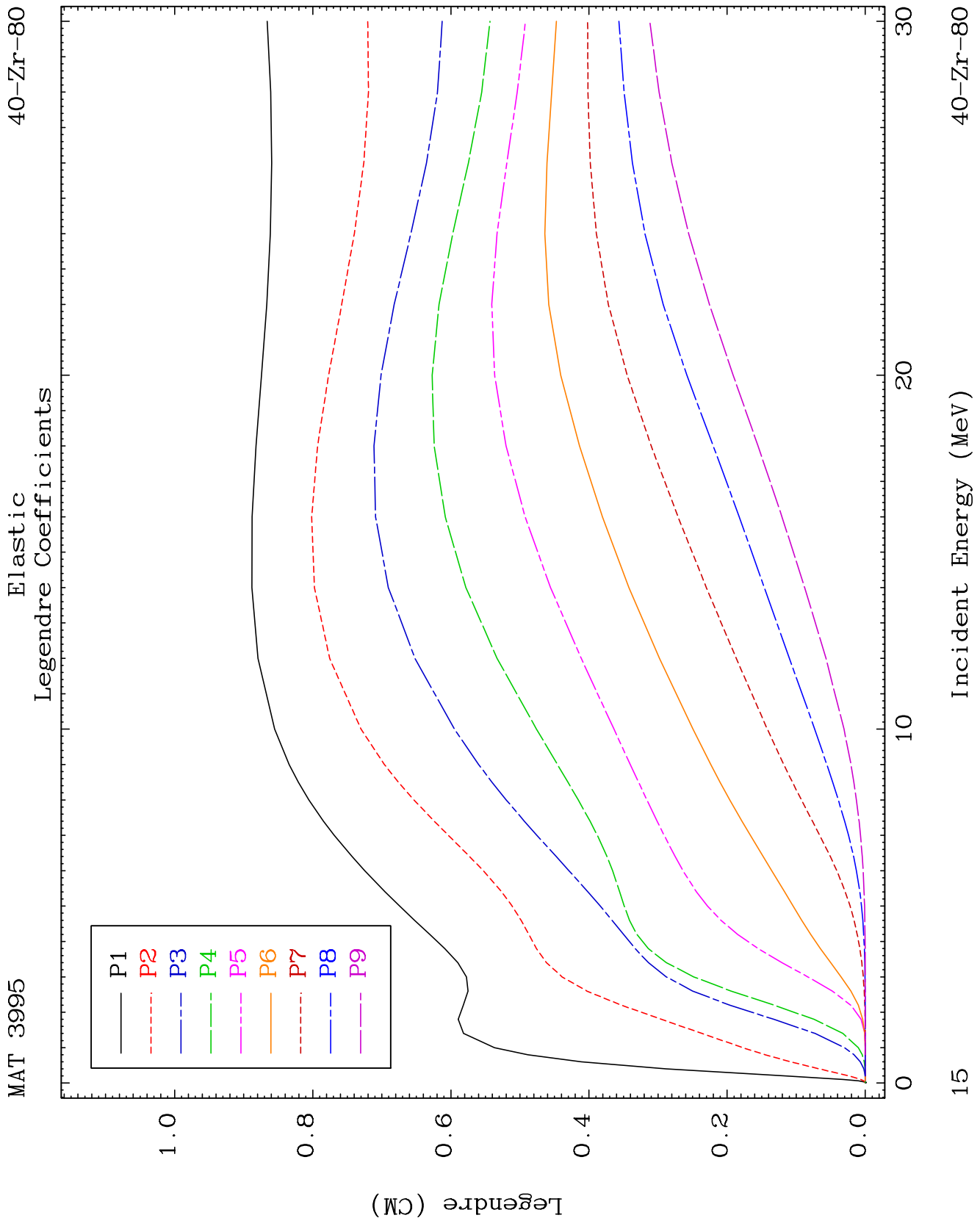


MAT 3995

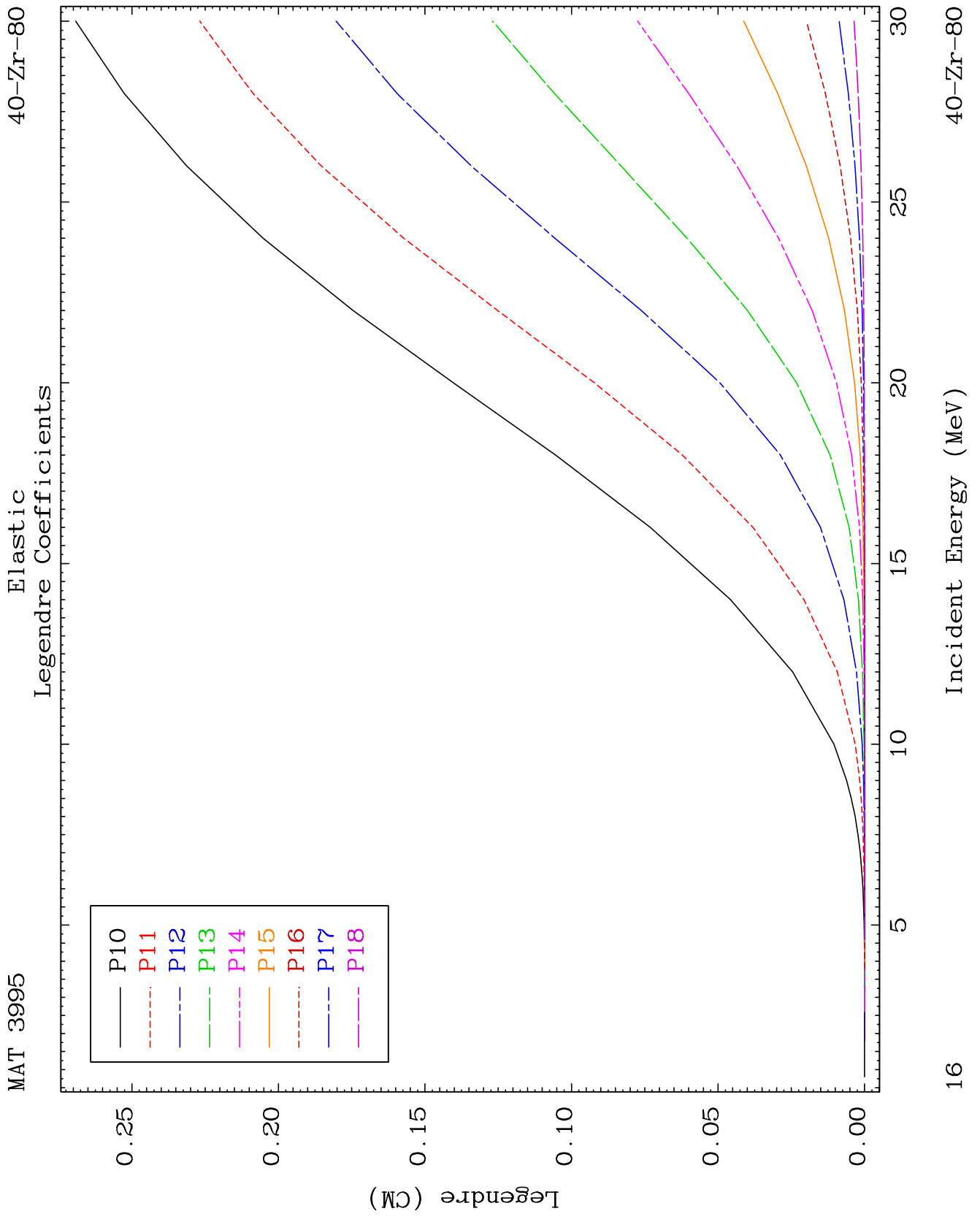
(n,α) Levels  
293 Kelvin Cross Sections

40-Zr-80





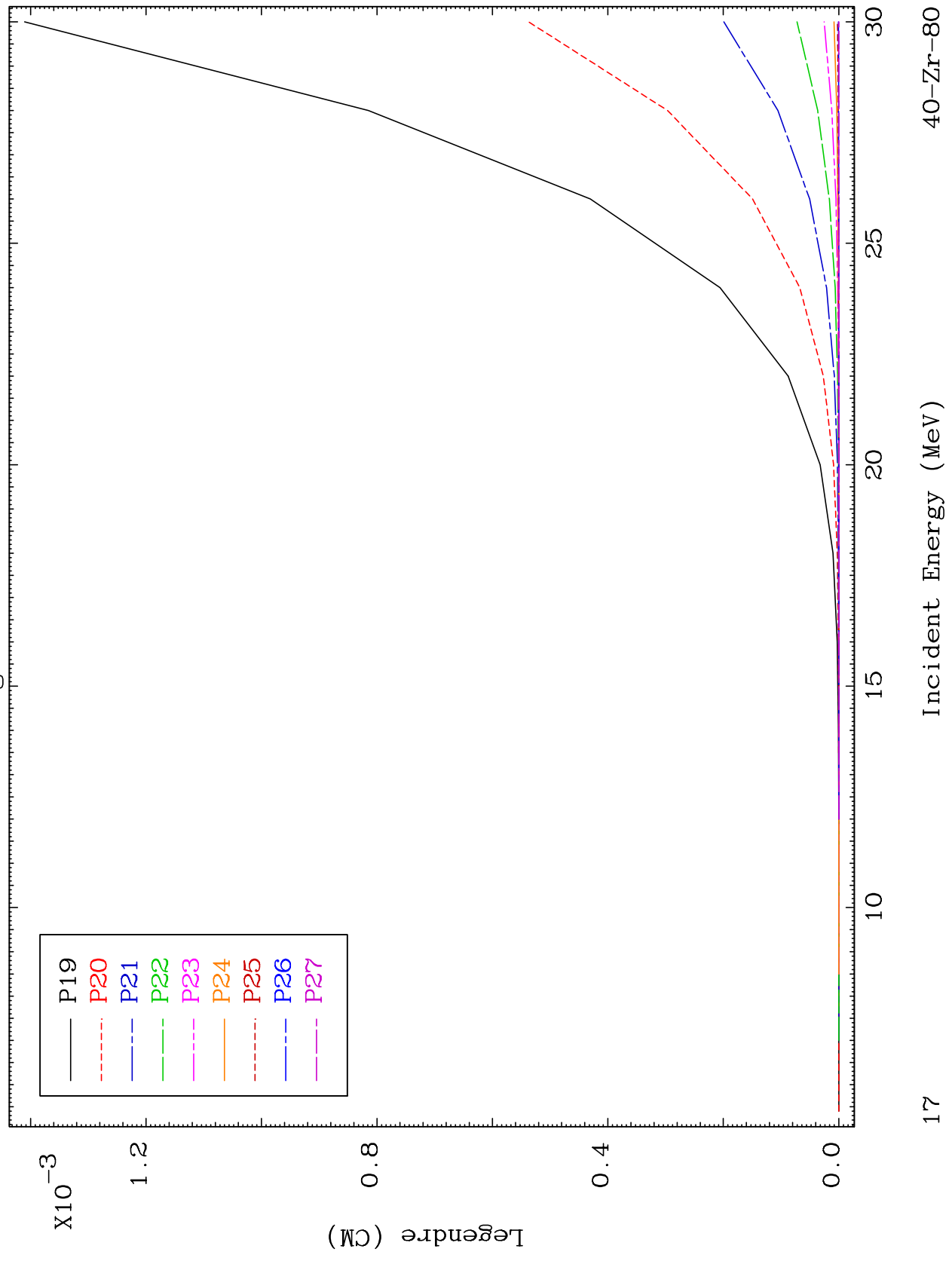




MAT 3995

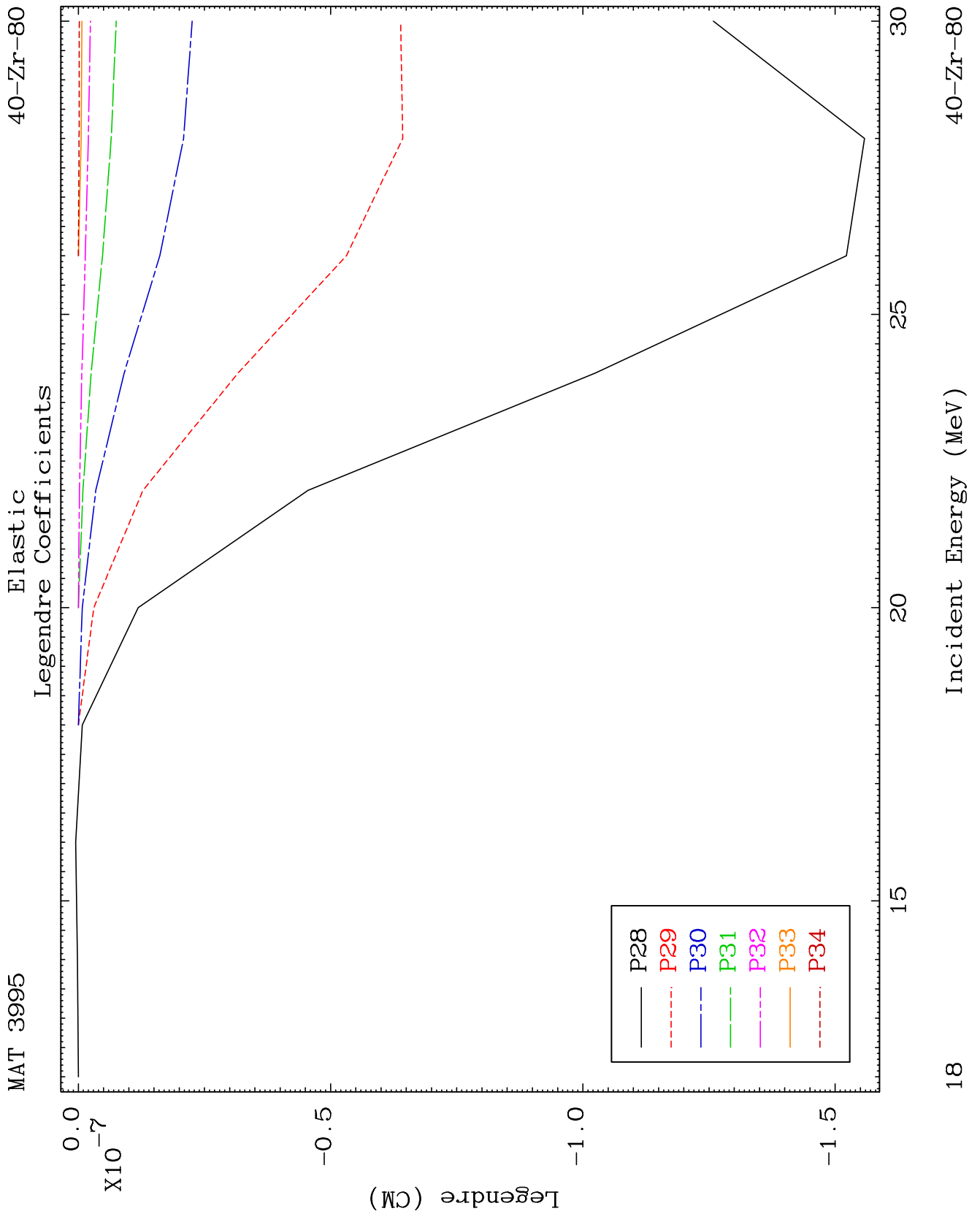
Elastic Legendre Coefficients

40-Zr-80



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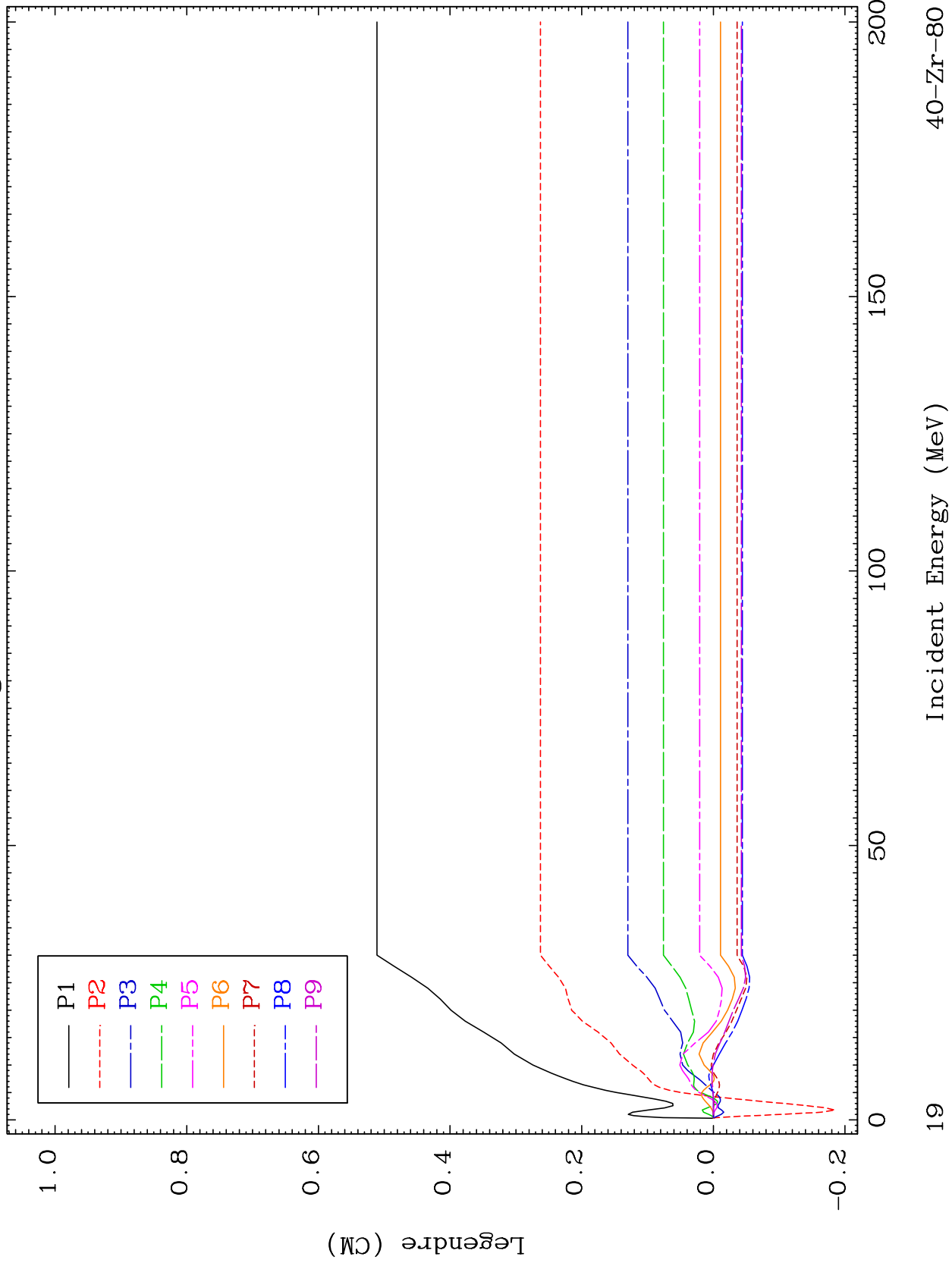
40-Zr-80



MAT 3995

MT= 51 (n,n') Level  
Legendre Coefficients

40-Zr-80



19

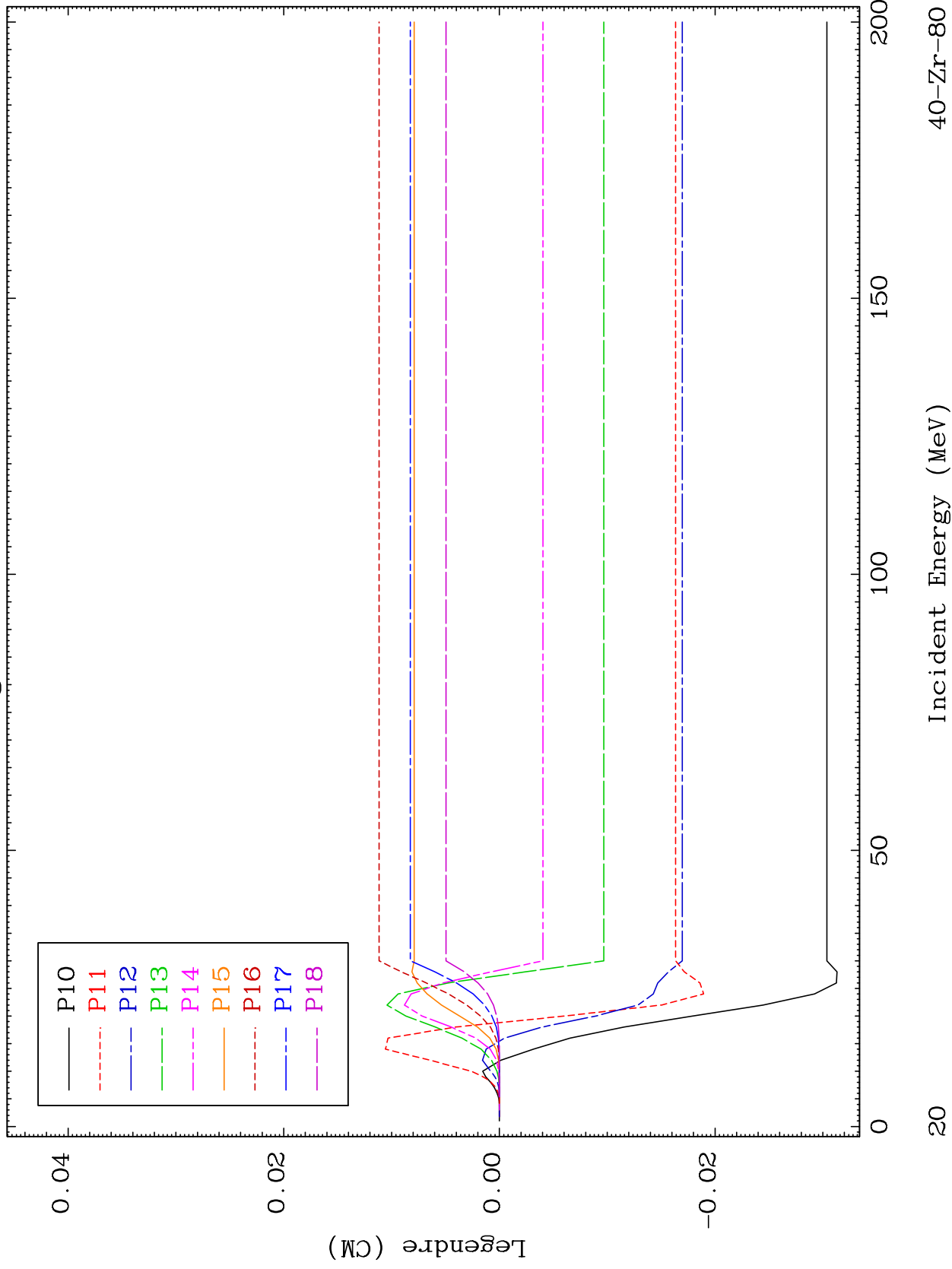
Incident Energy (MeV)

40-Zr-80

MAT 3995

MT= 51 (n,n') Level  
Legendre Coefficients

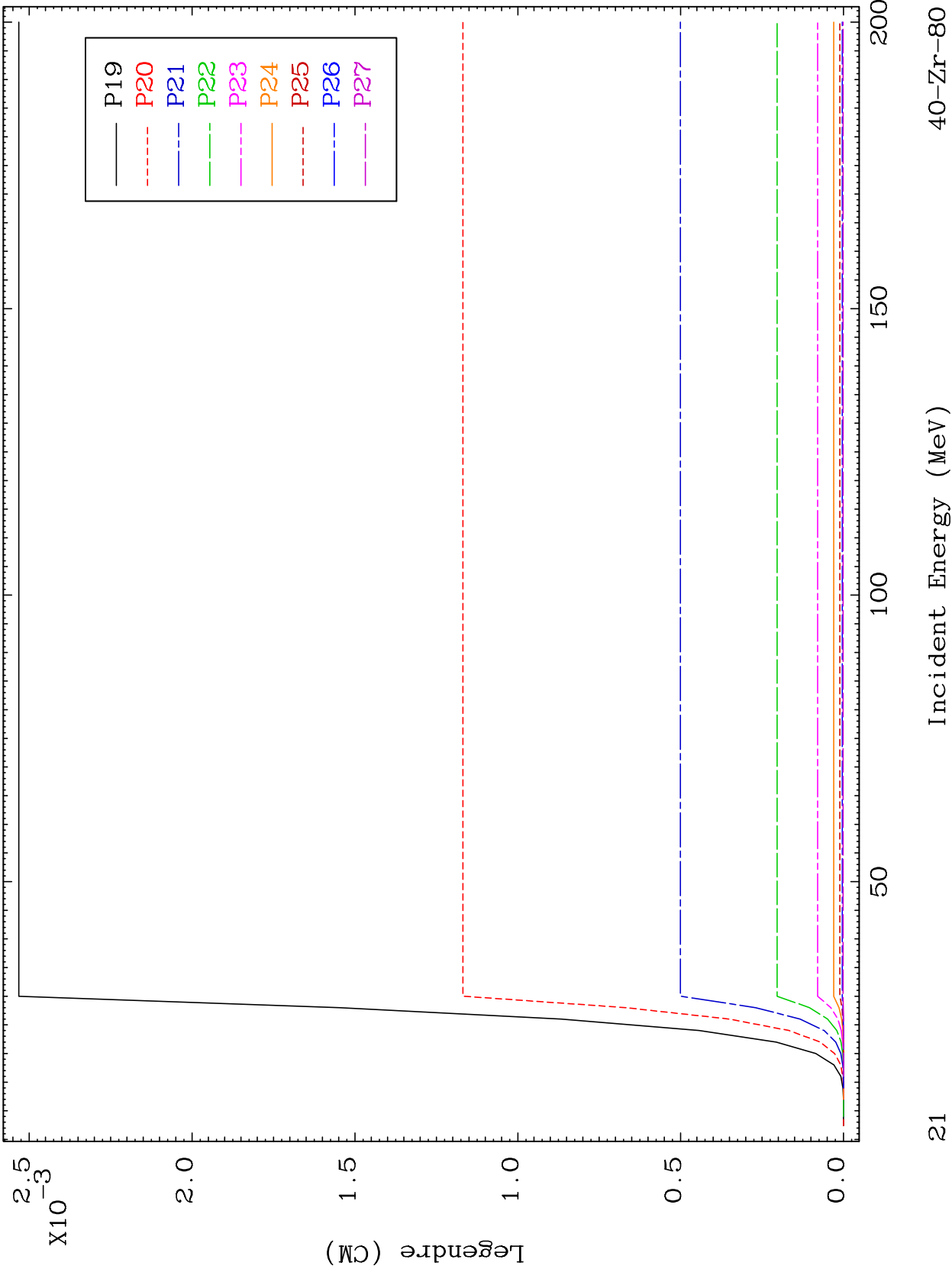
40-Zr-80



MAT 3995

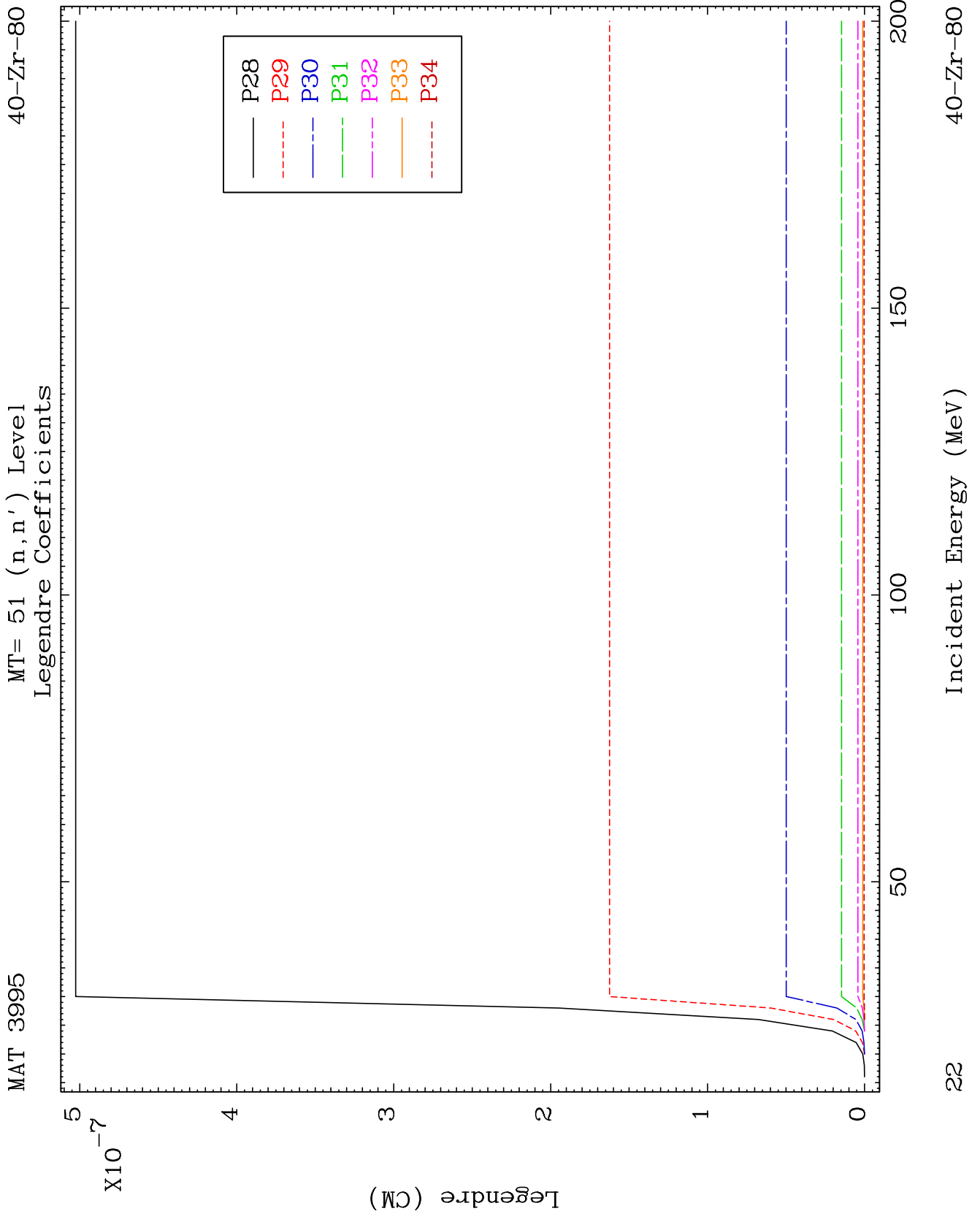
MT= 51 (n,n') Level  
Legendre Coefficients

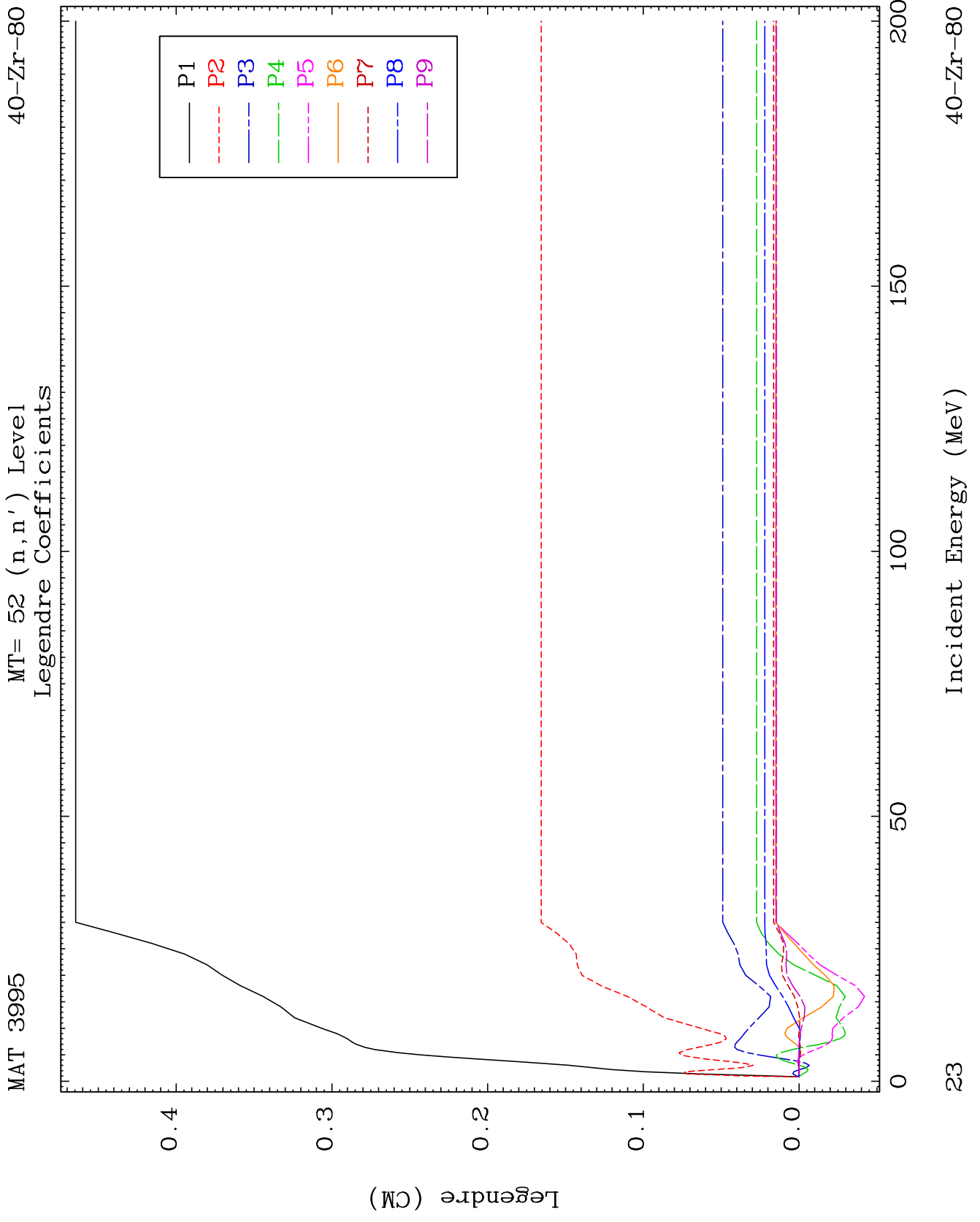
40-Zr-80



21

40-Zr-80



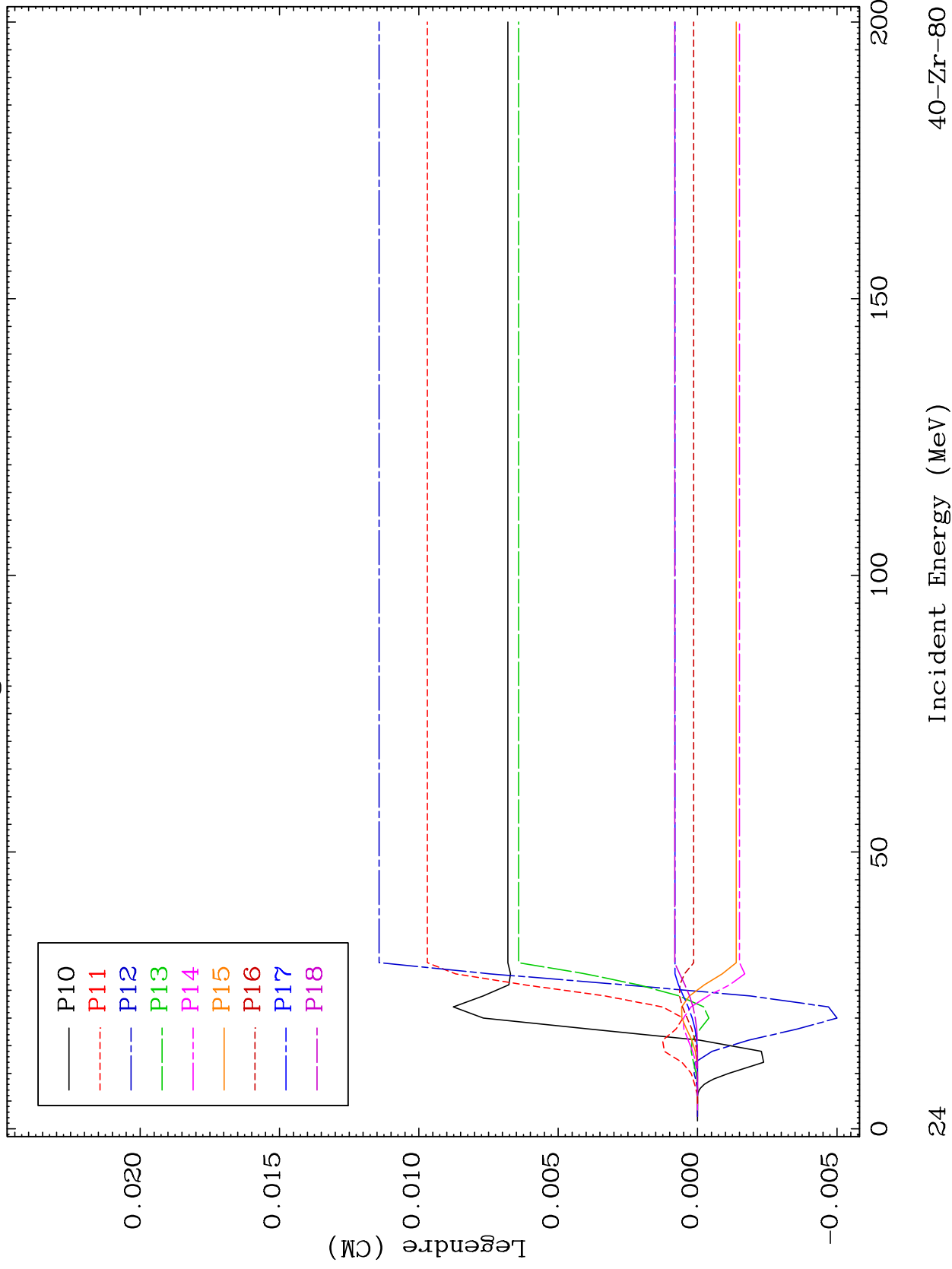




MAT 3995

MT= 52 (n,n') Level  
Legendre Coefficients

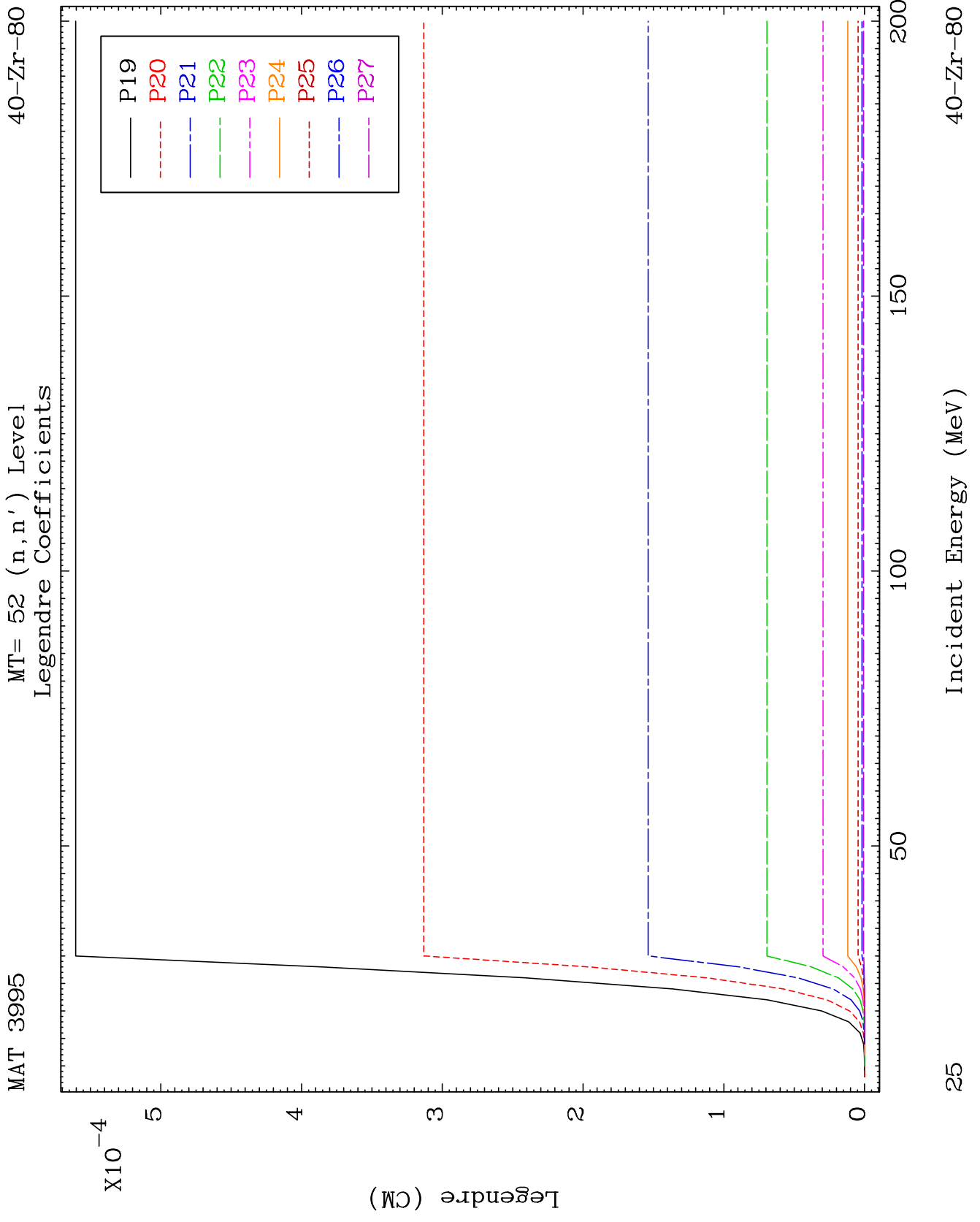
40-Zr-80

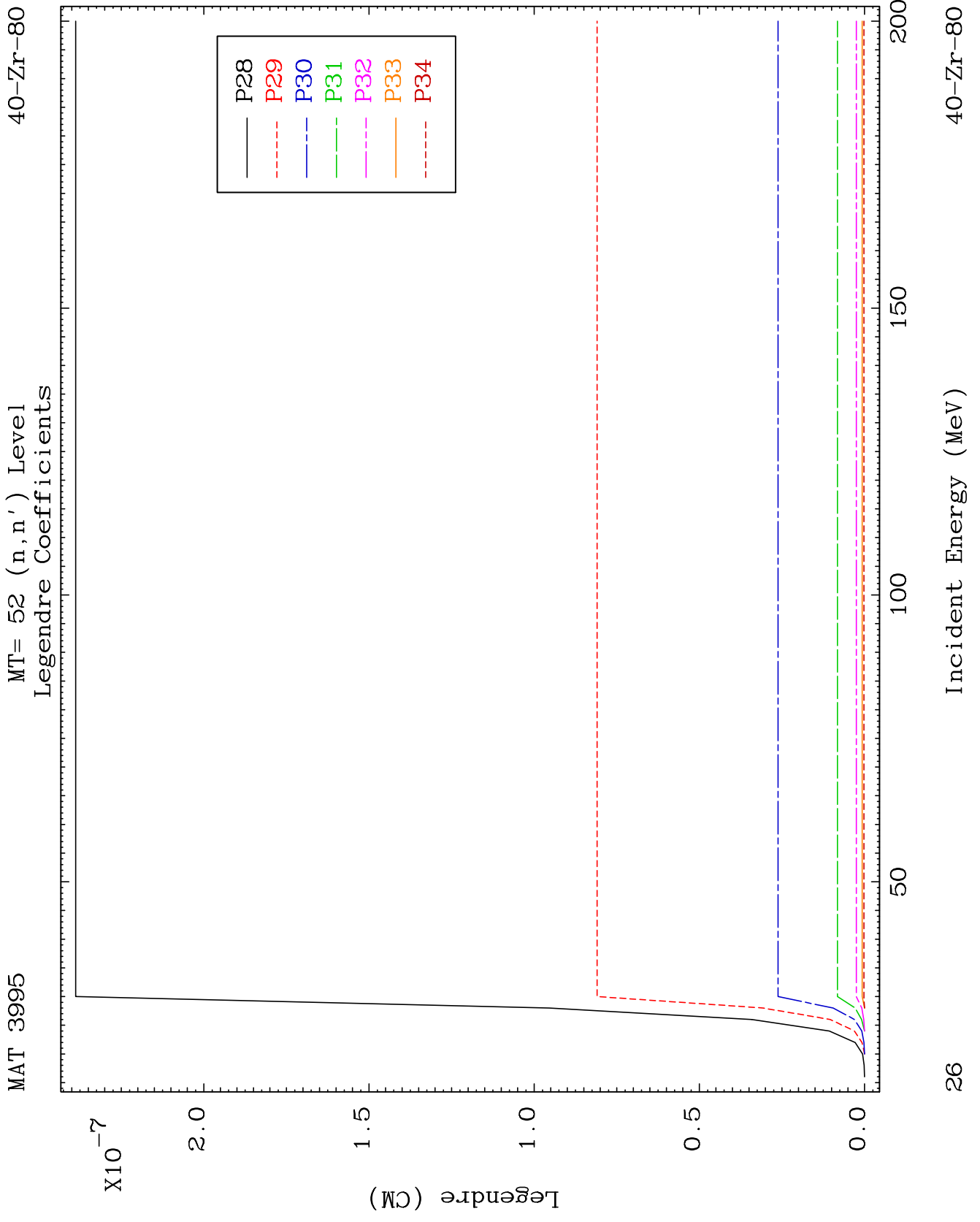


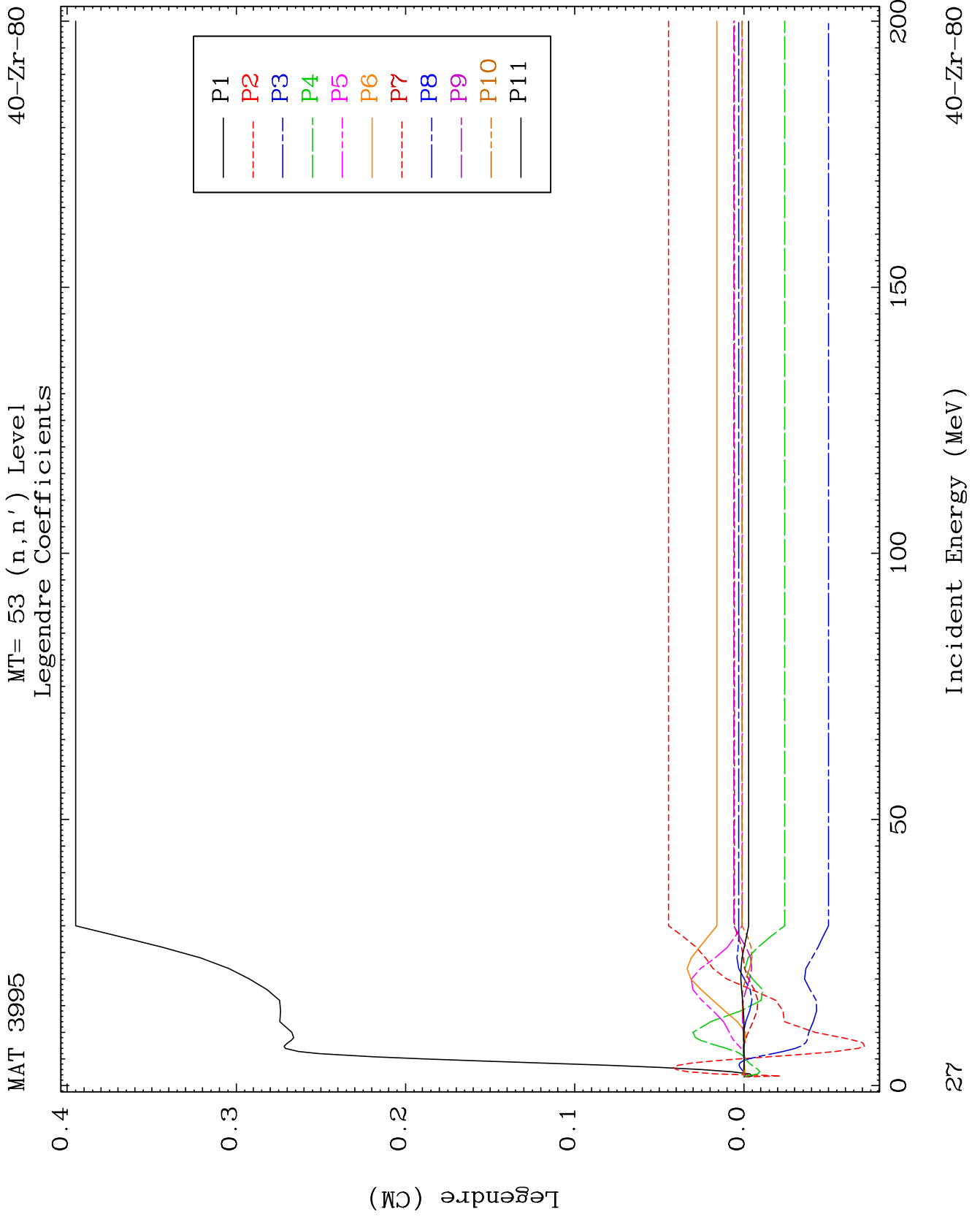
24

Incident Energy (MeV)

40-Zr-80



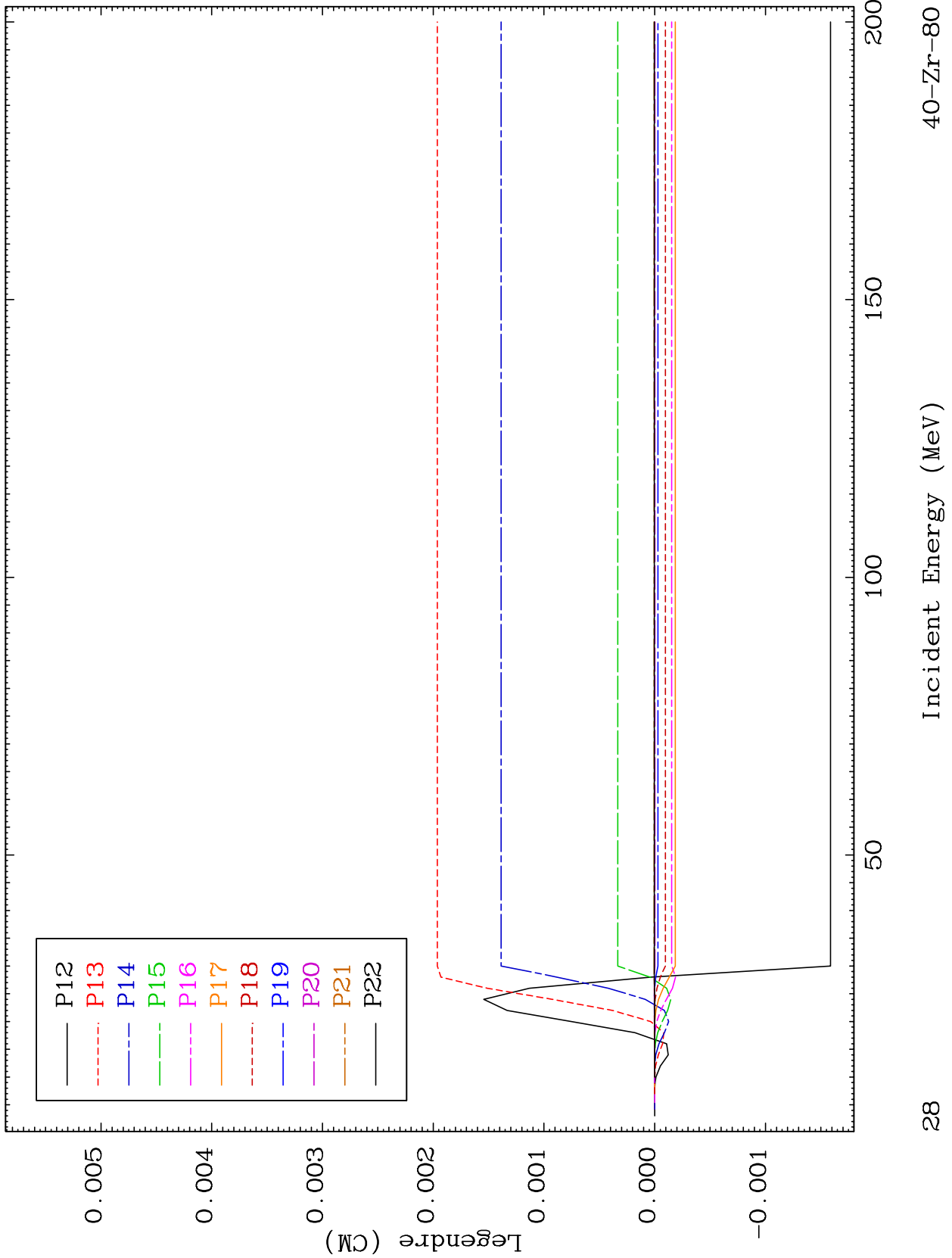


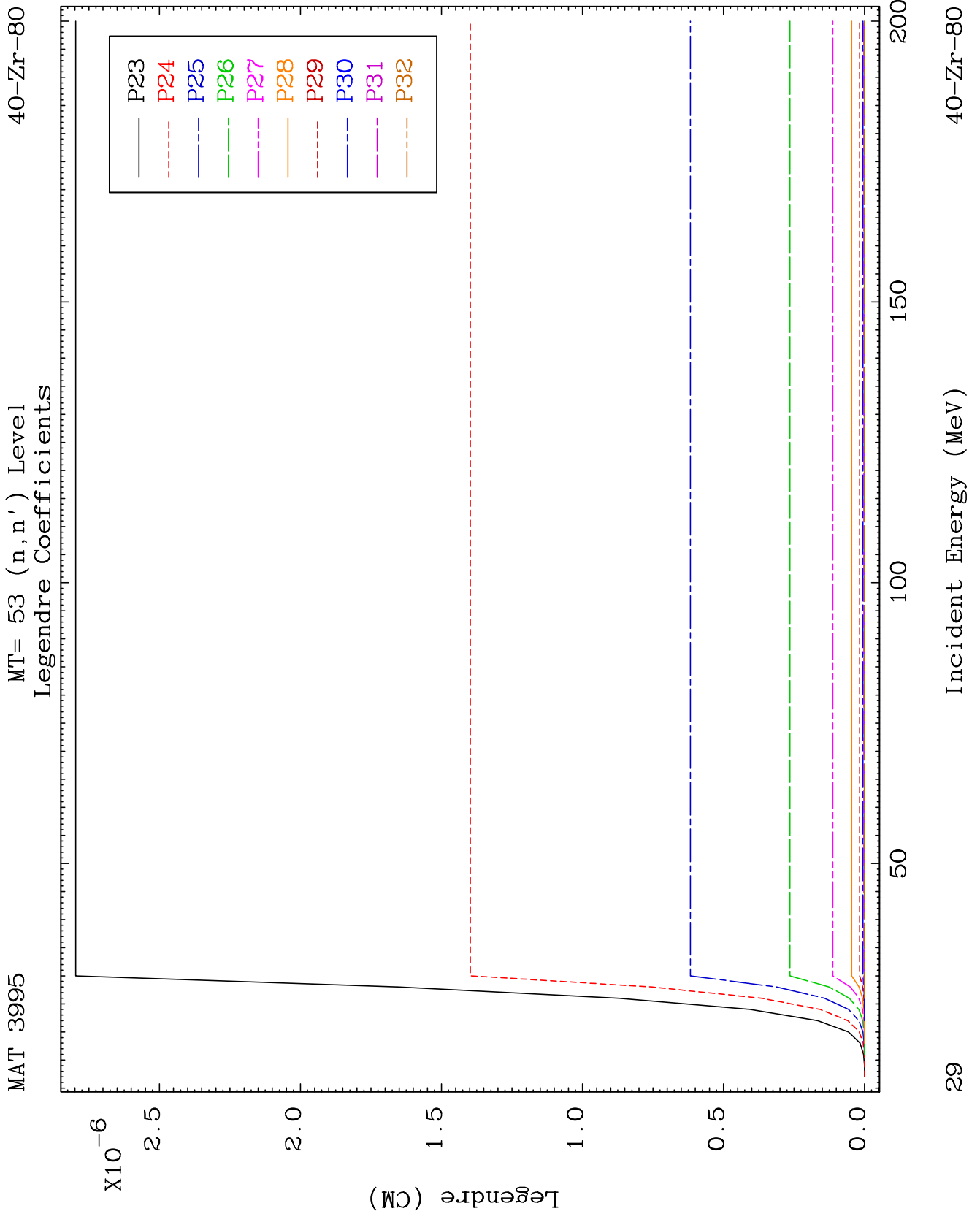


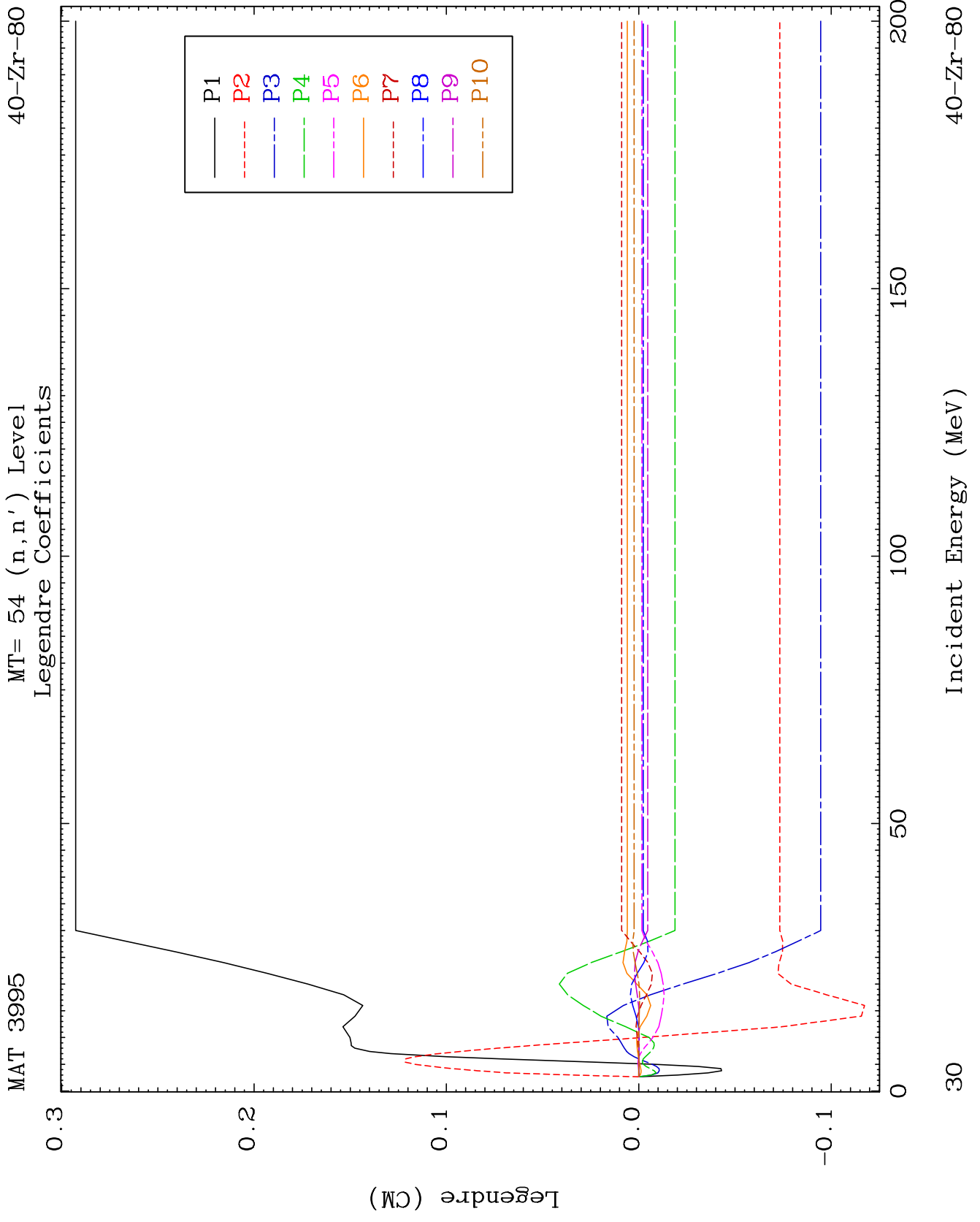
MAT 3995

MT= 53 (n,n') Level  
Legendre Coefficients

40-Zr-80



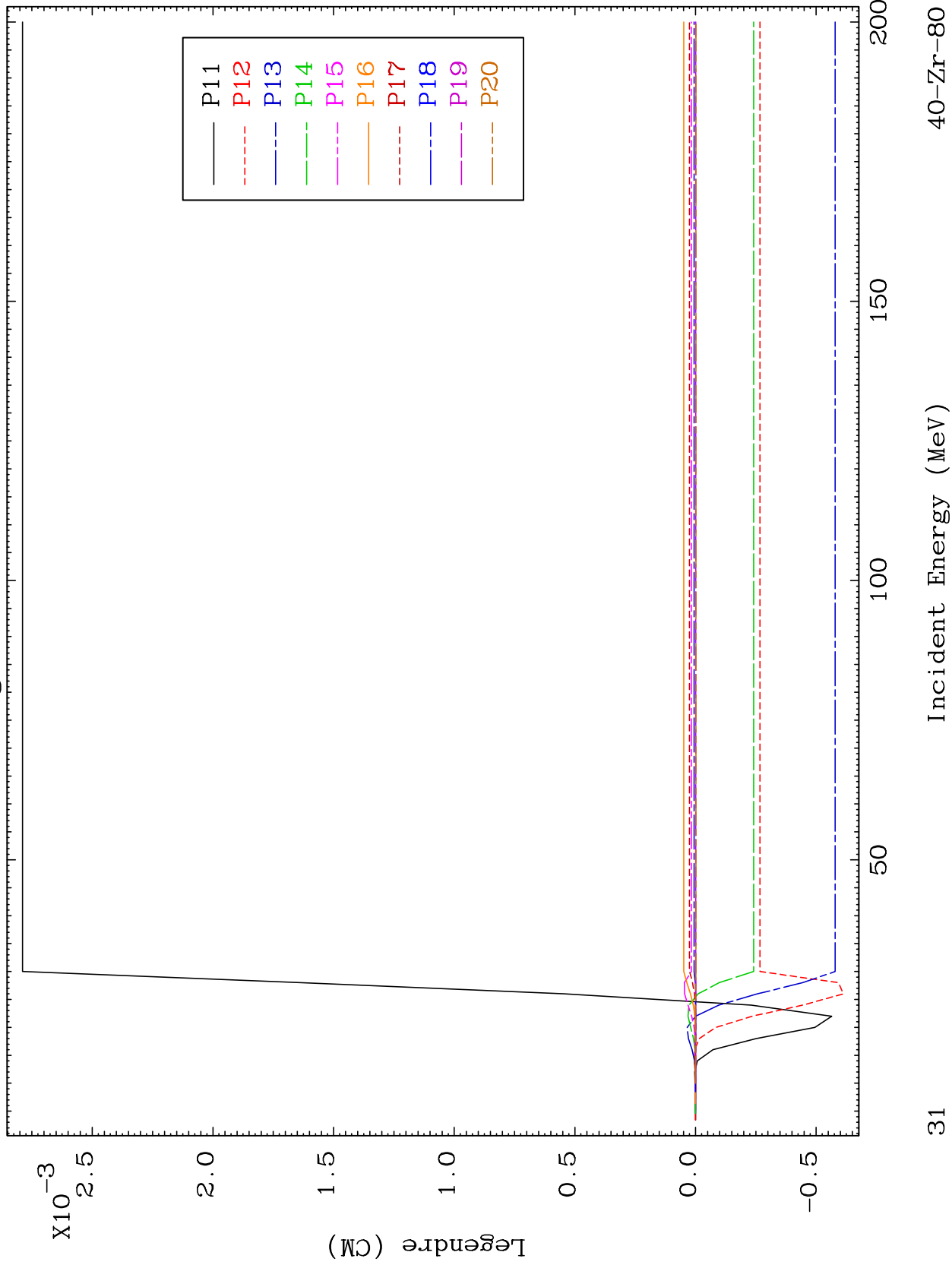




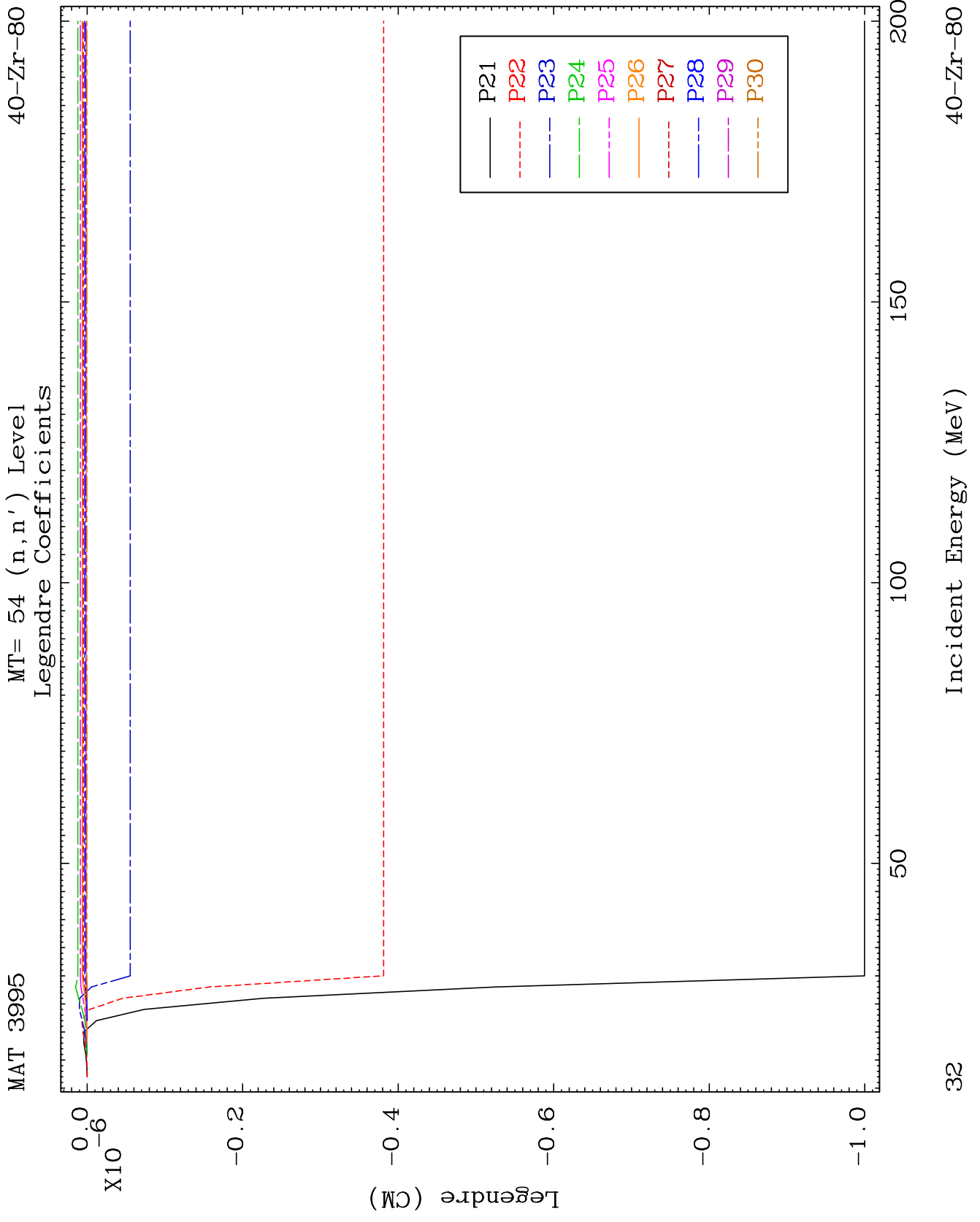
MAT 3995

MT= 54 (n,n') Level  
Legendre Coefficients

40-Zr-80



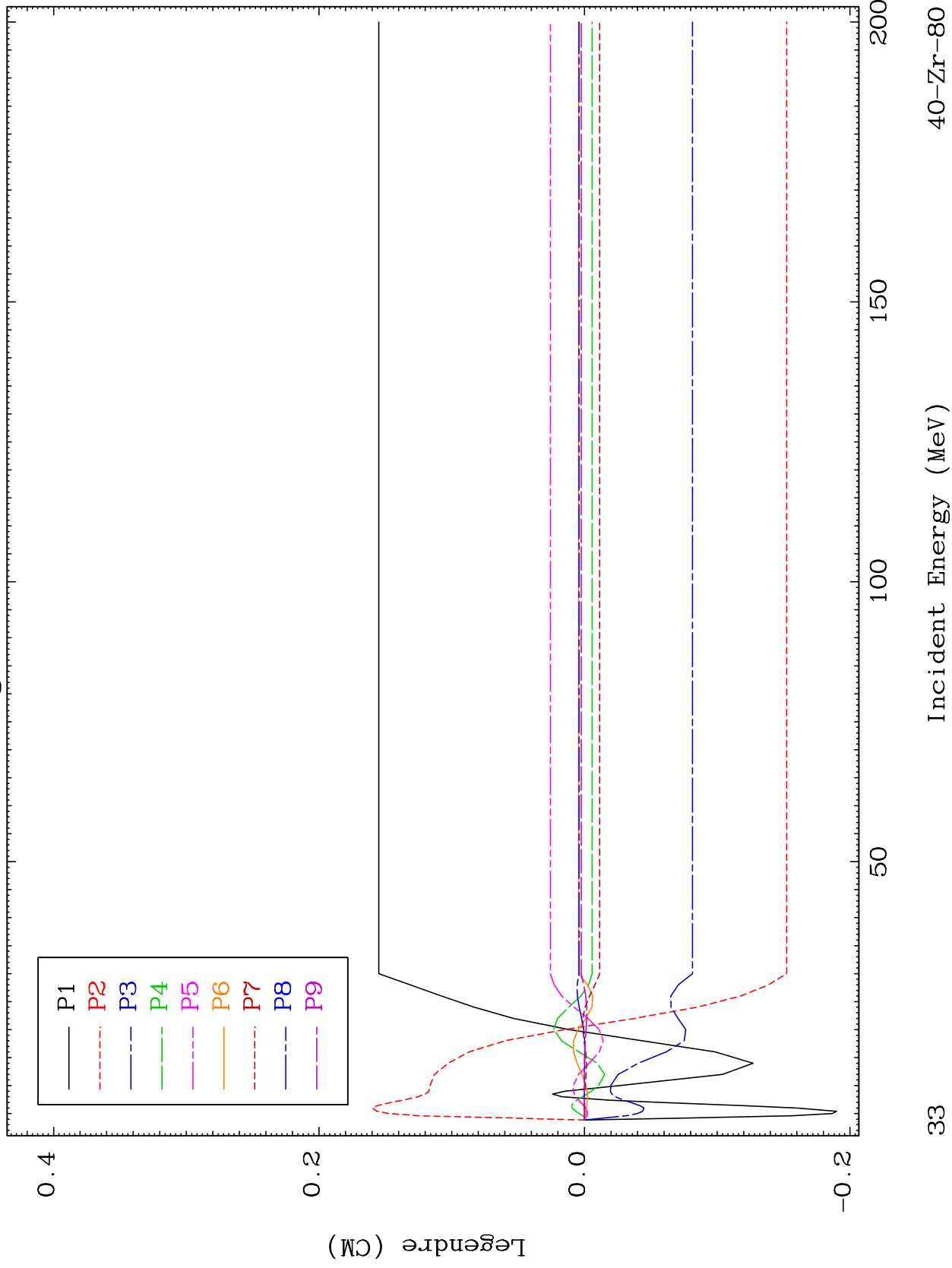


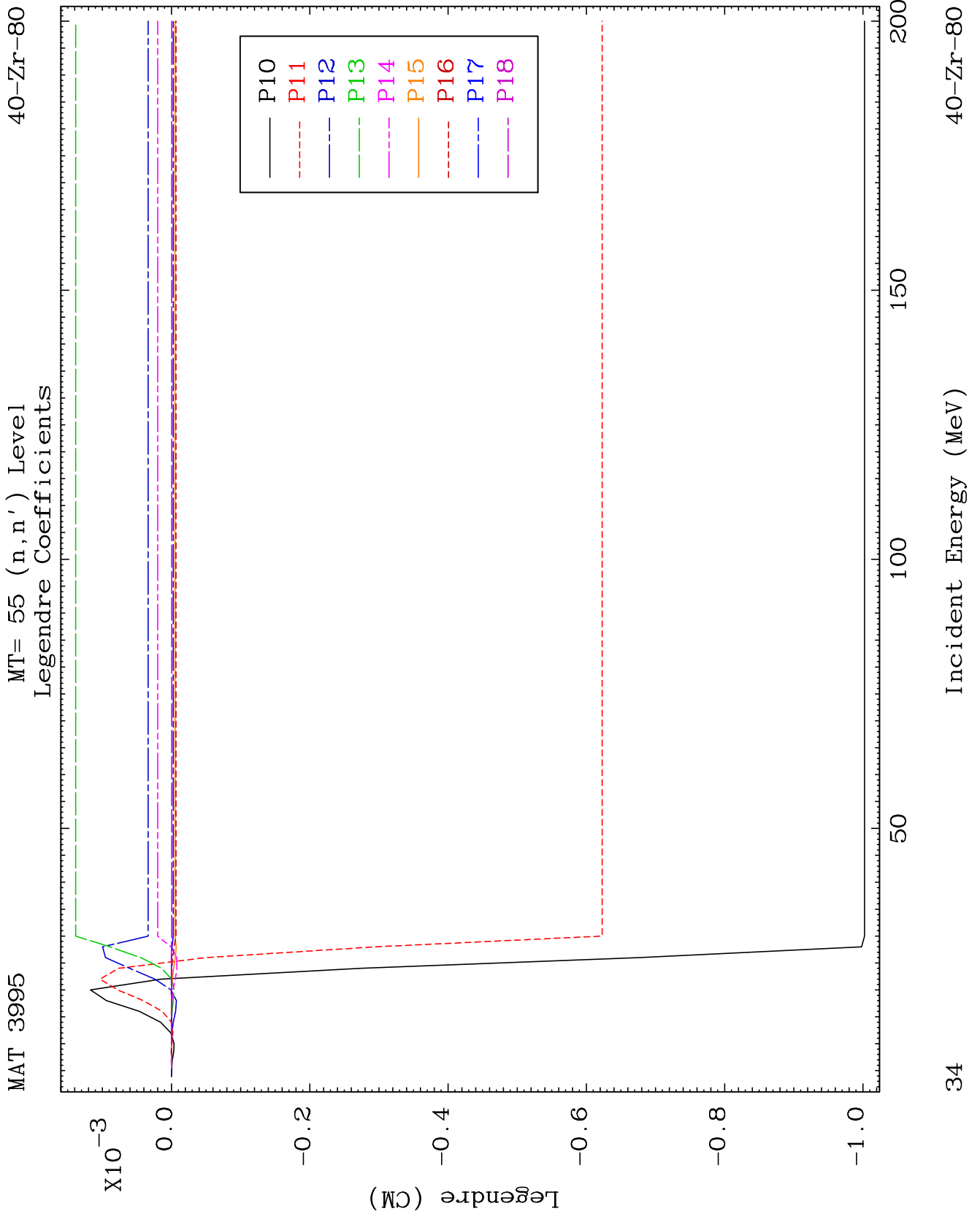


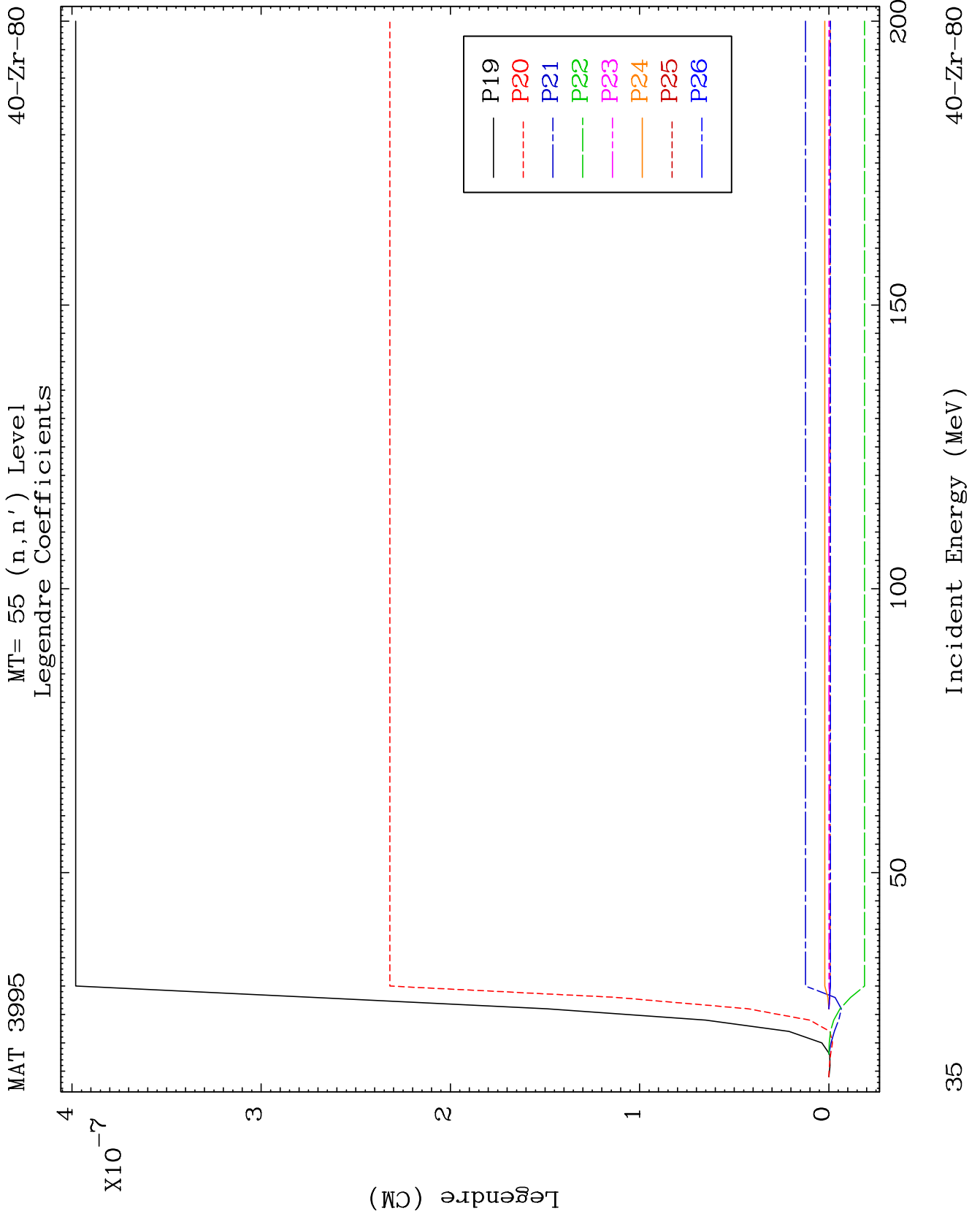
MAT 3995

MT= 55 (n,n') Level  
Legendre Coefficients

40-Zr-80





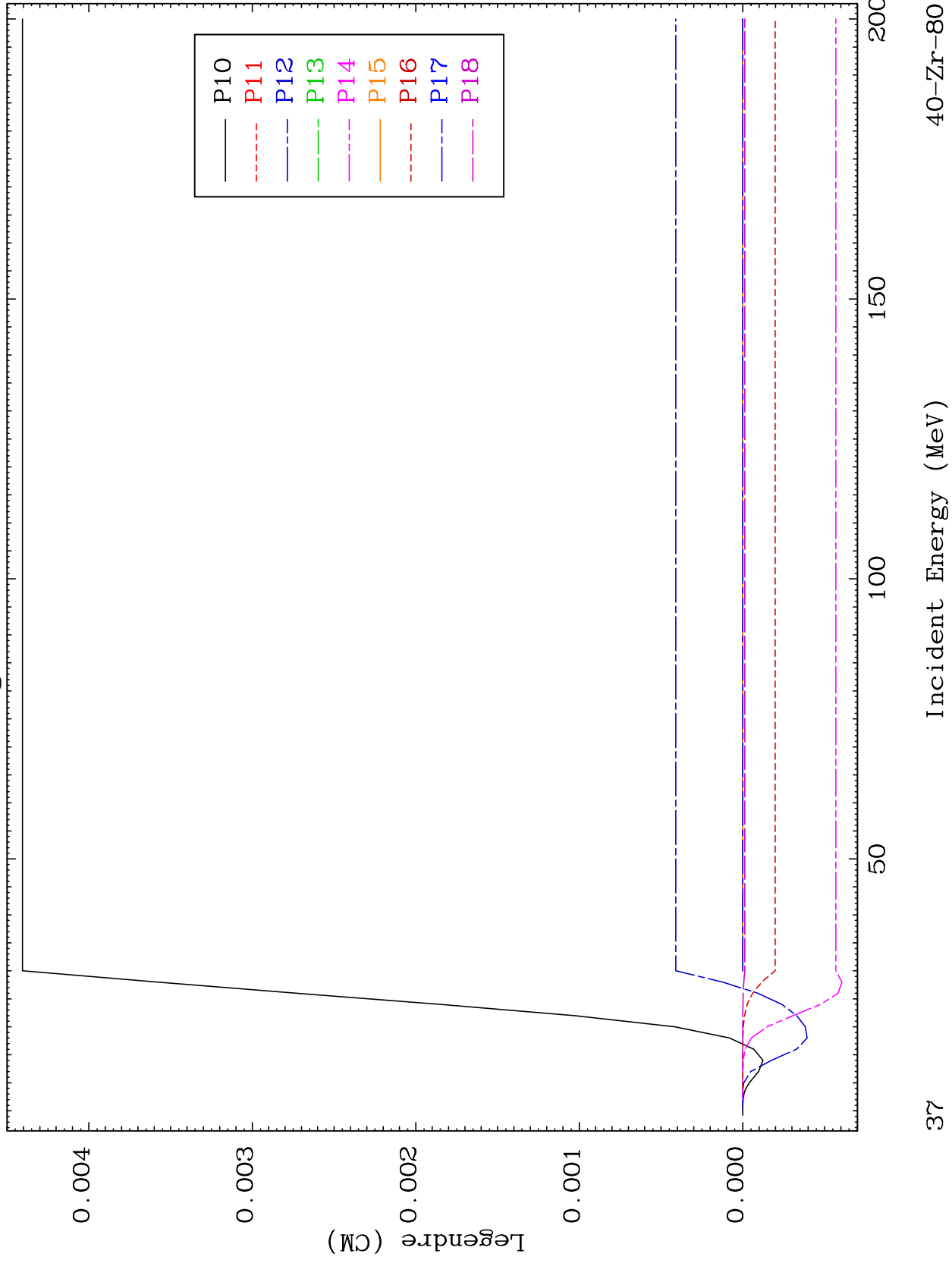




MAT 3995

MT= 56 (n,n') Level  
Legendre Coefficients

40-Zr-80

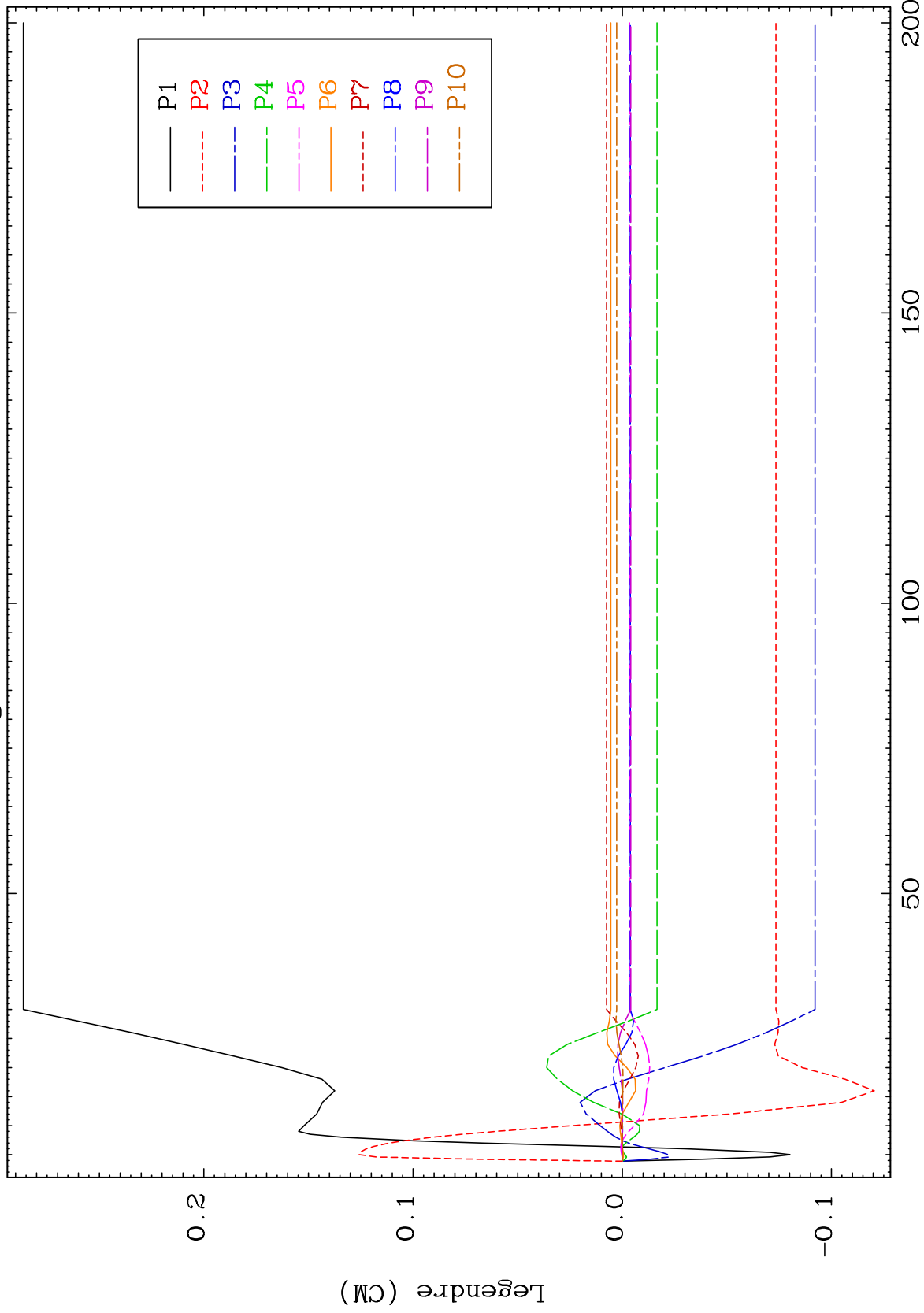




MAT 3995

MT= 57 (n,n') Level  
Legendre Coefficients

40-Zr-80

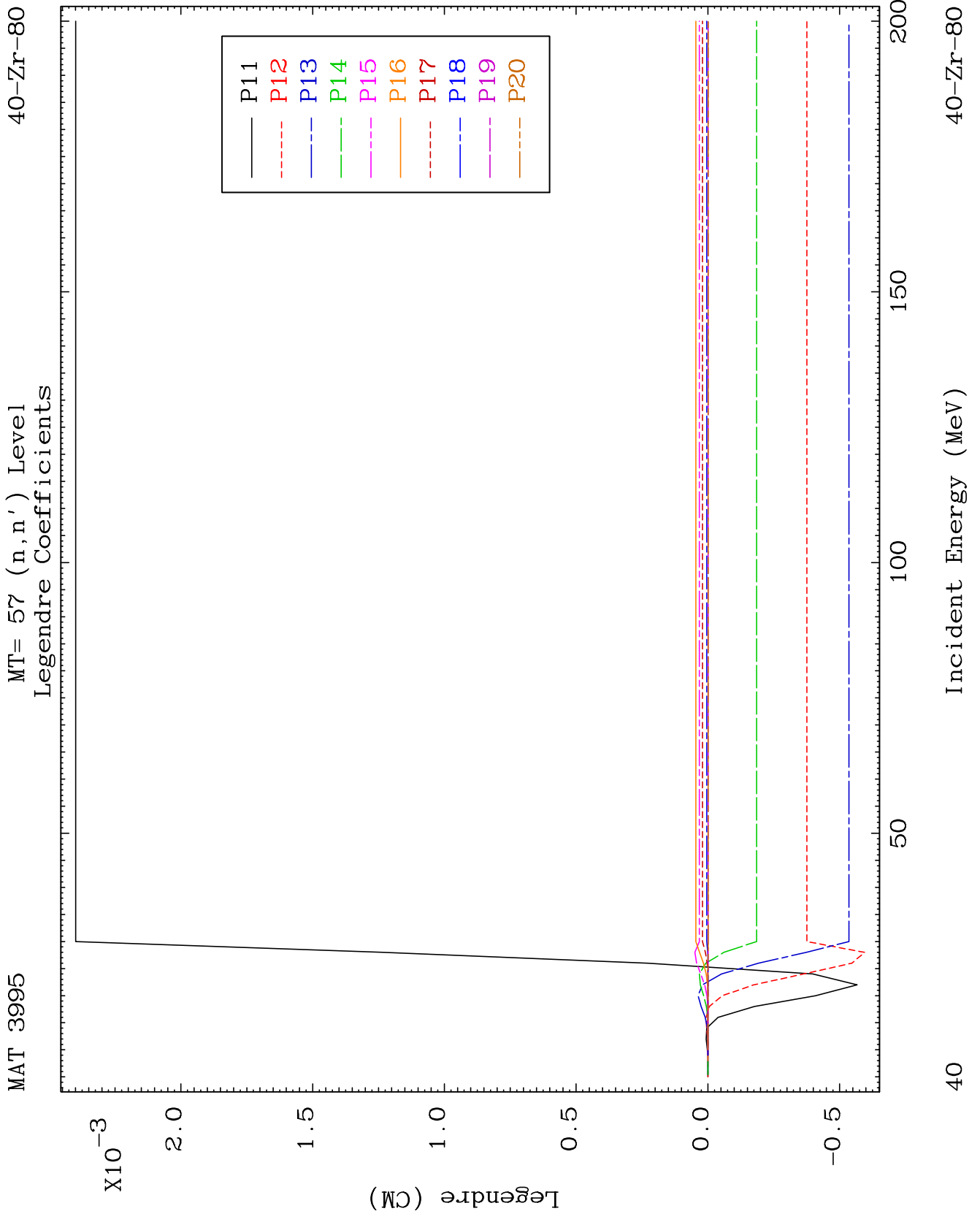


39

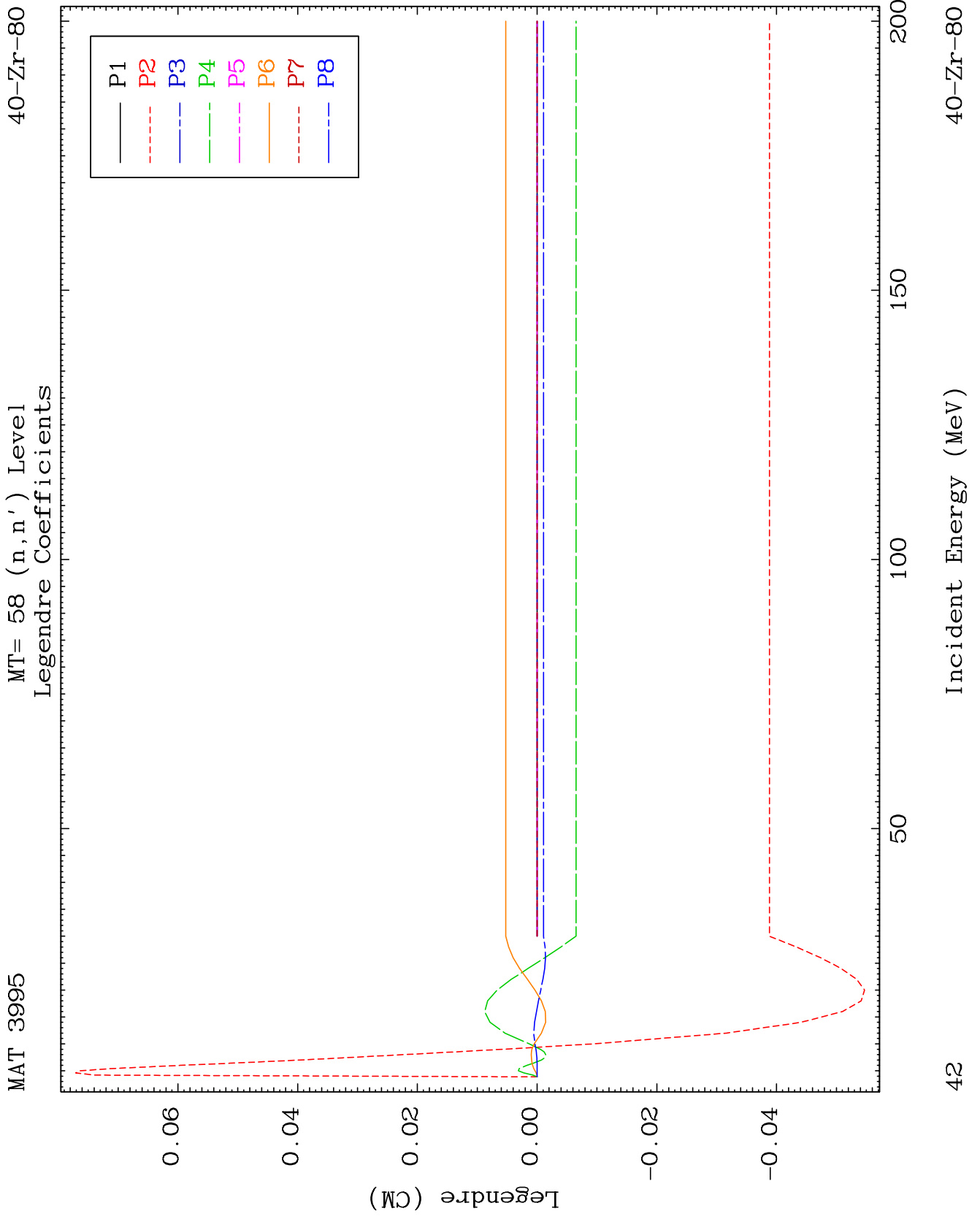
Incident Energy (MeV)

40-Zr-80





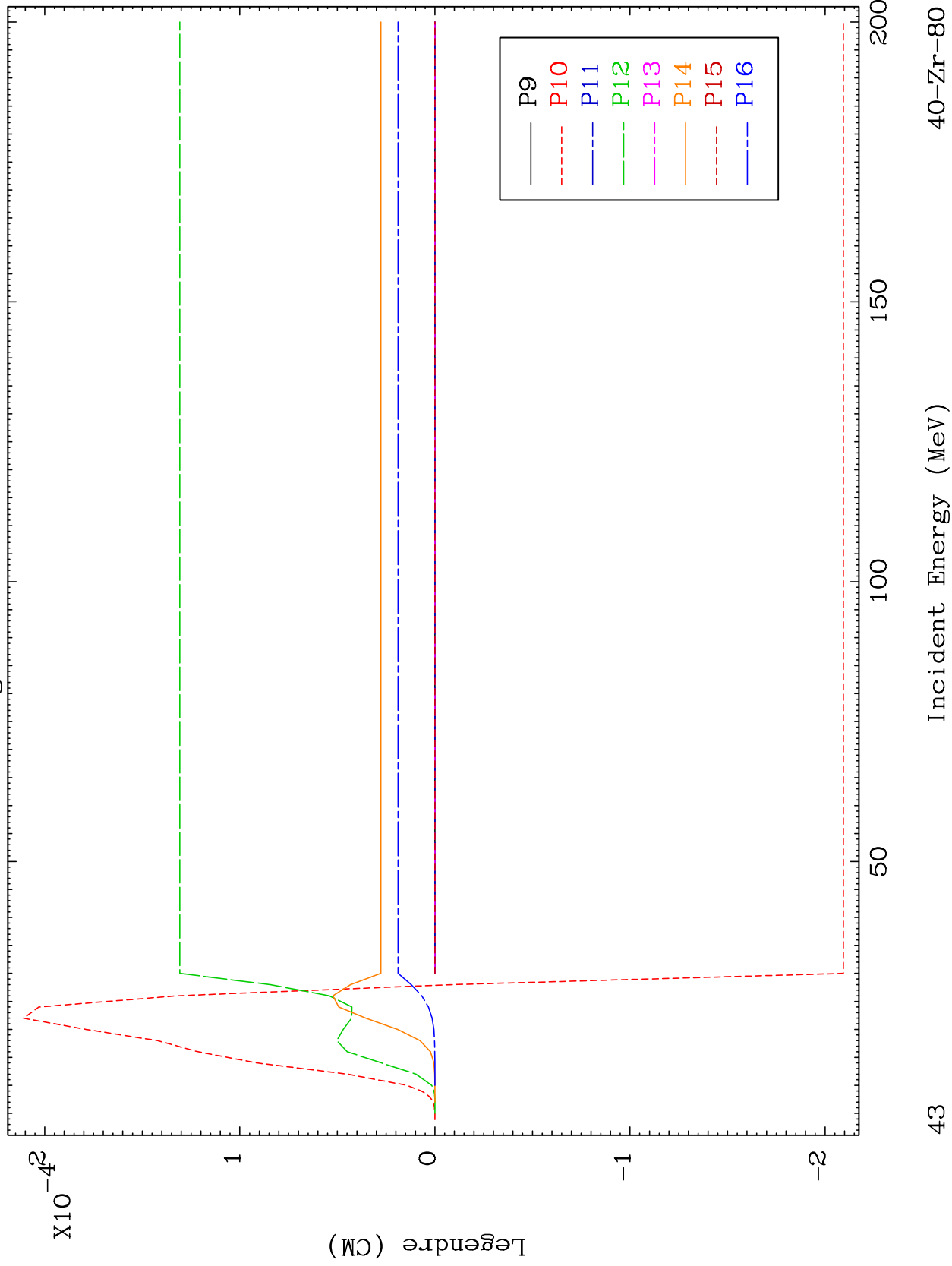




MAT 3995

MT= 58 (n,n') Level  
Legendre Coefficients

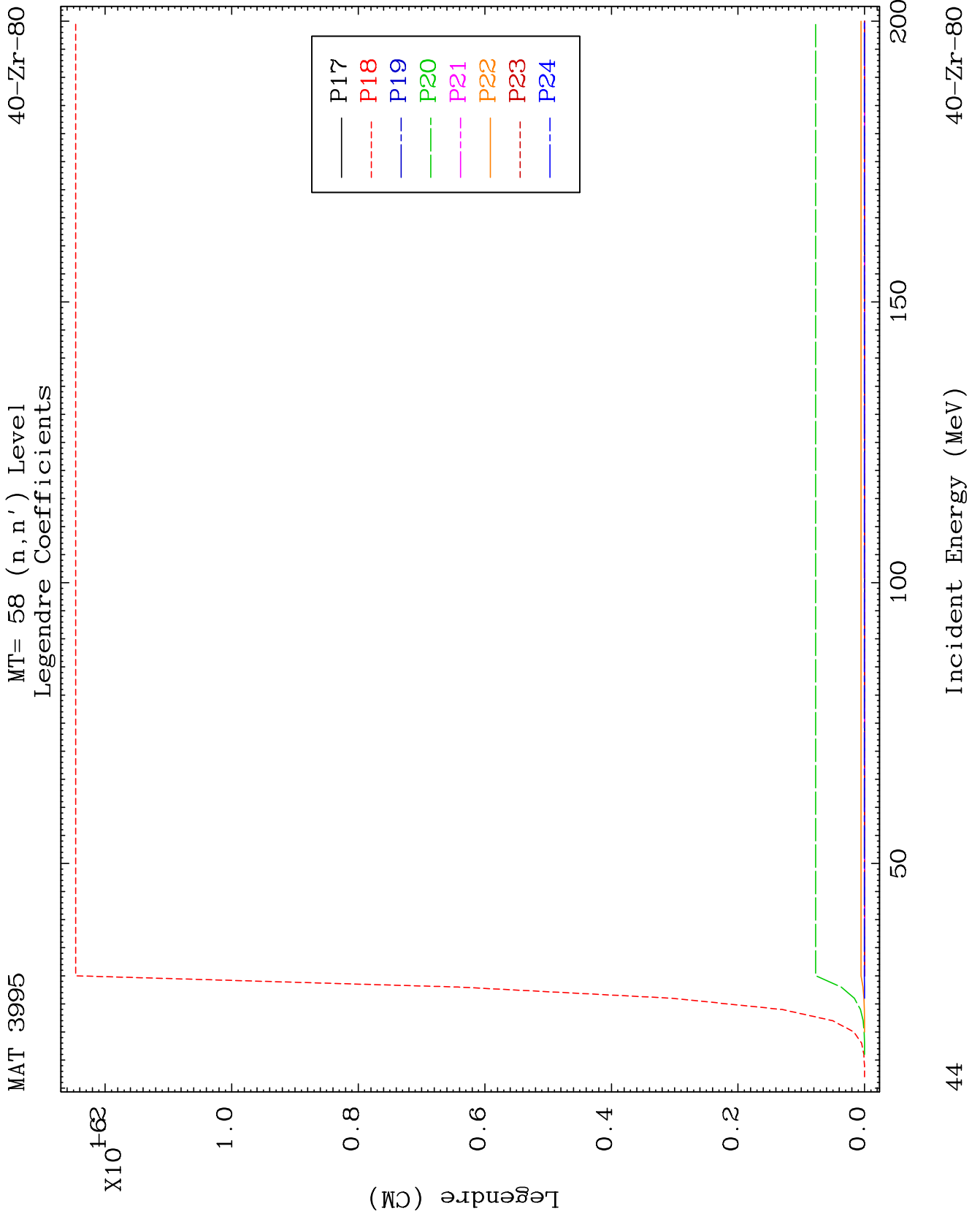
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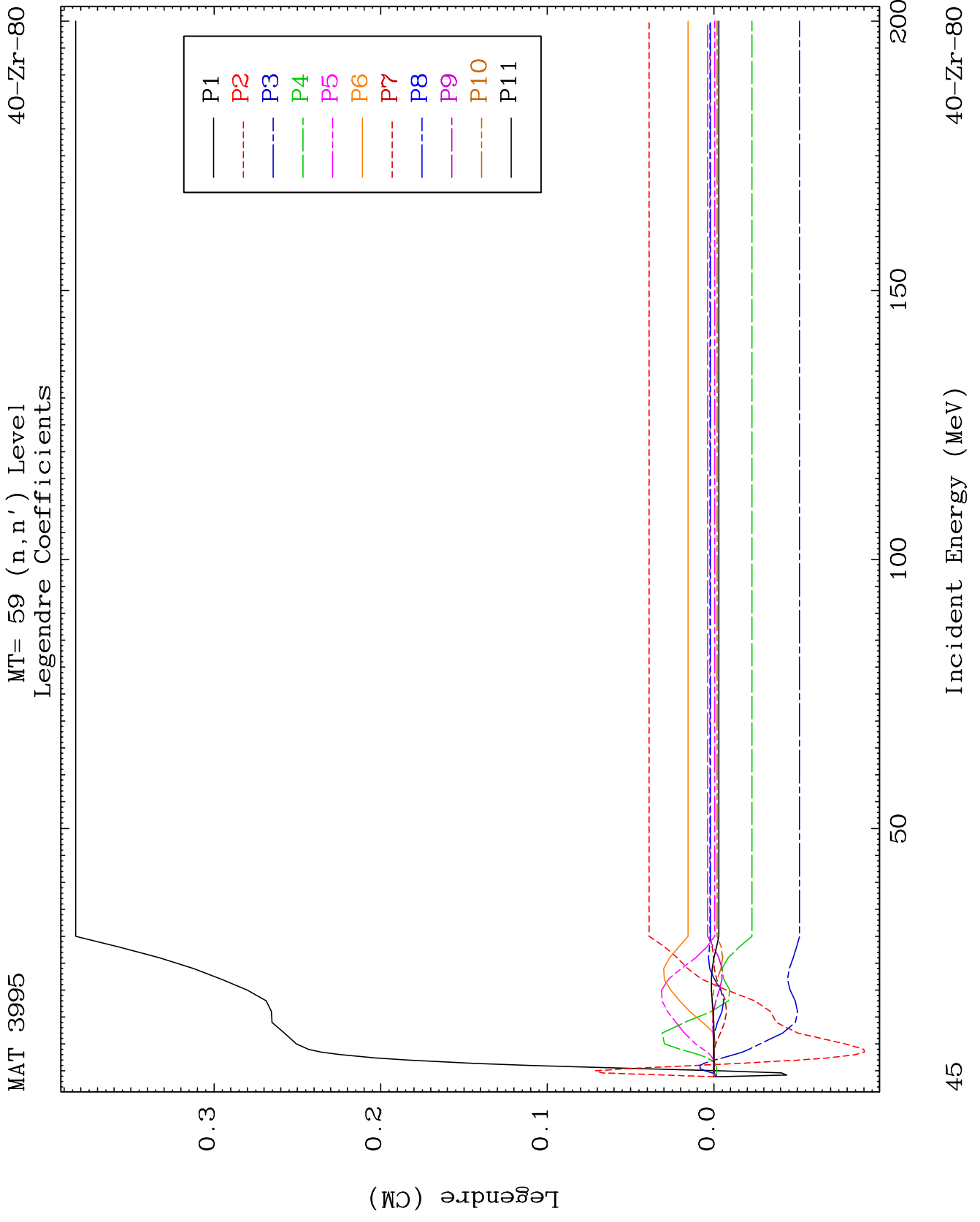


43

Incident Energy (MeV)

40-Zr-80

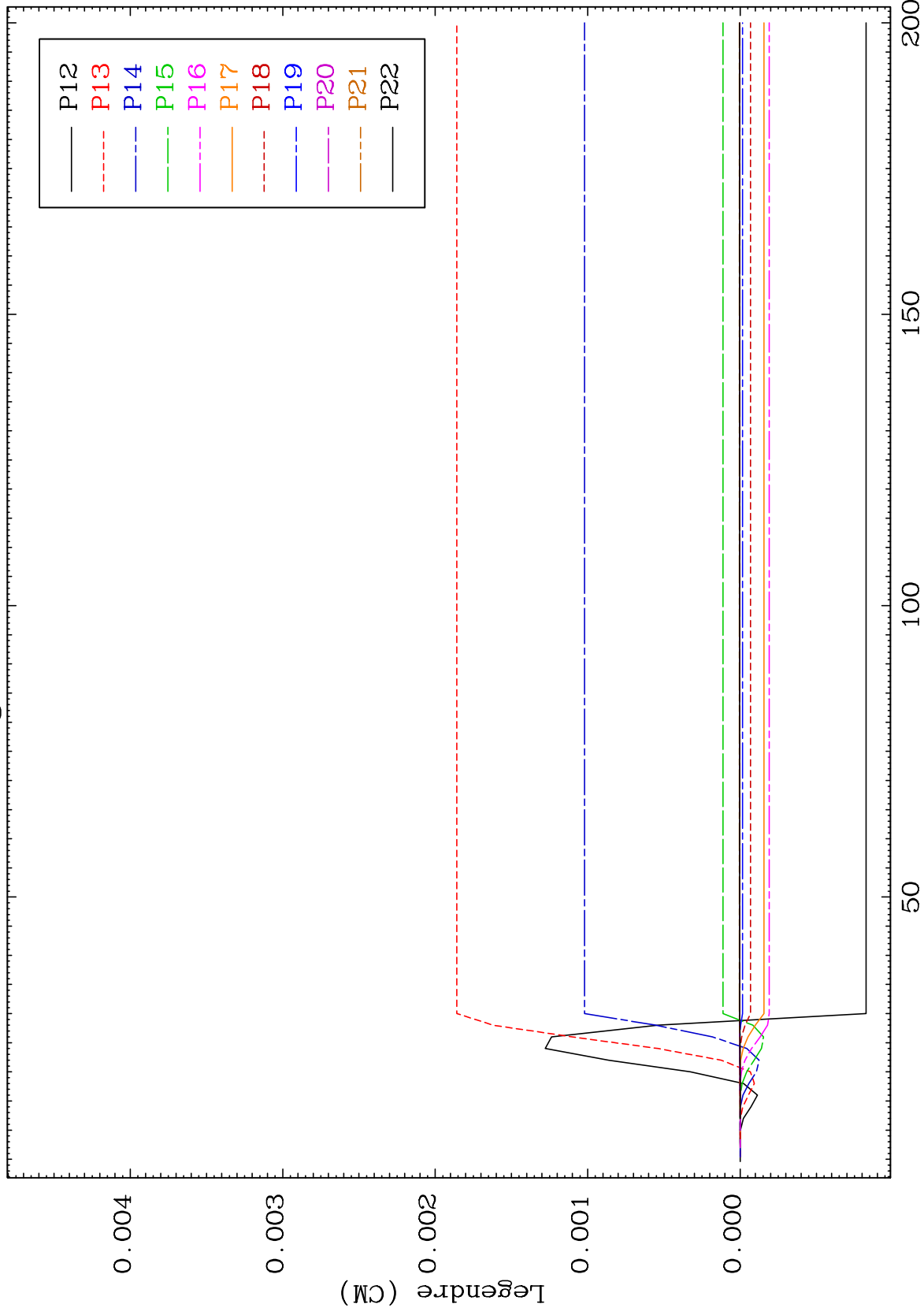




MAT 3995

MT= 59 (n,n') Level  
Legendre Coefficients

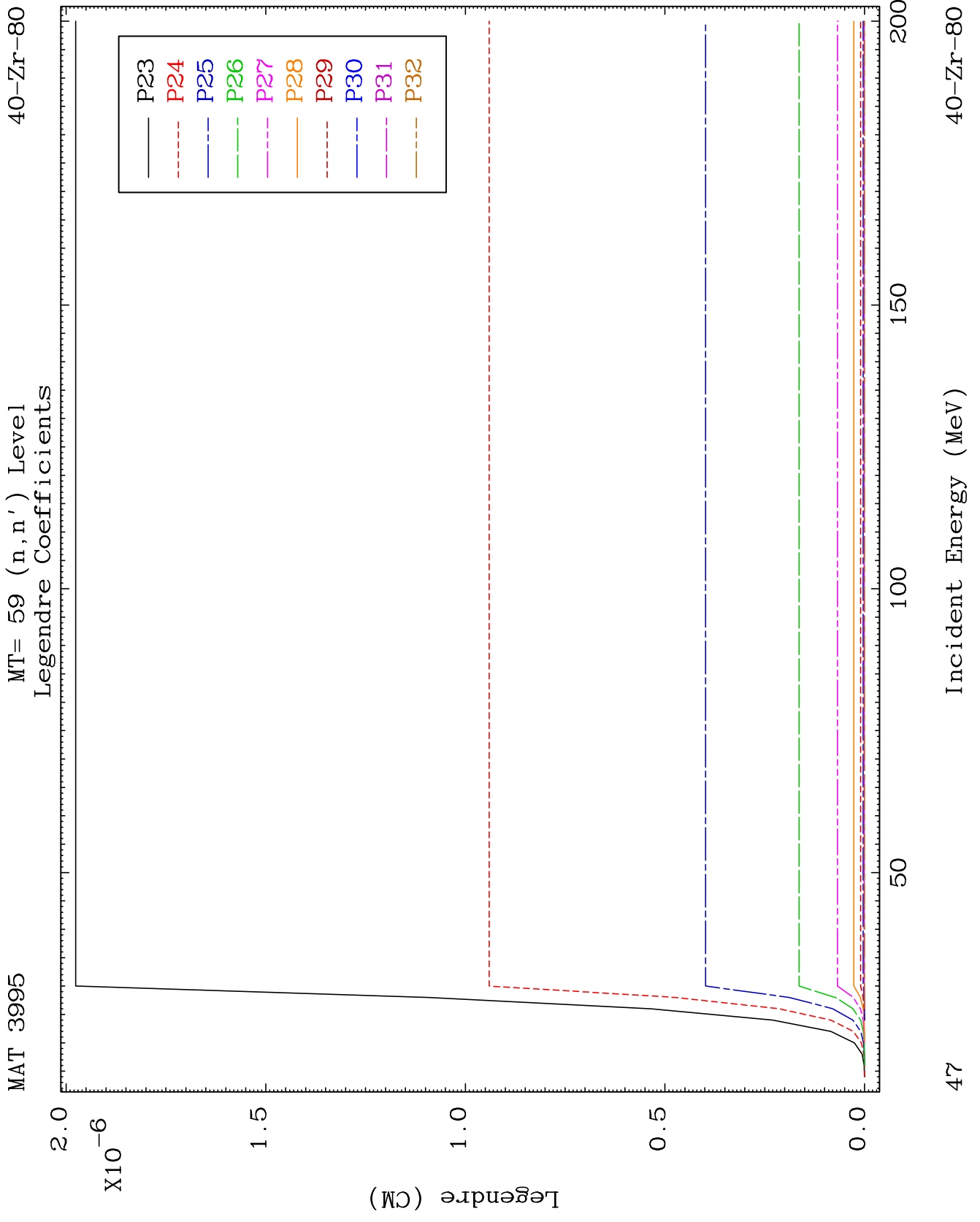
40-Zr-80



46

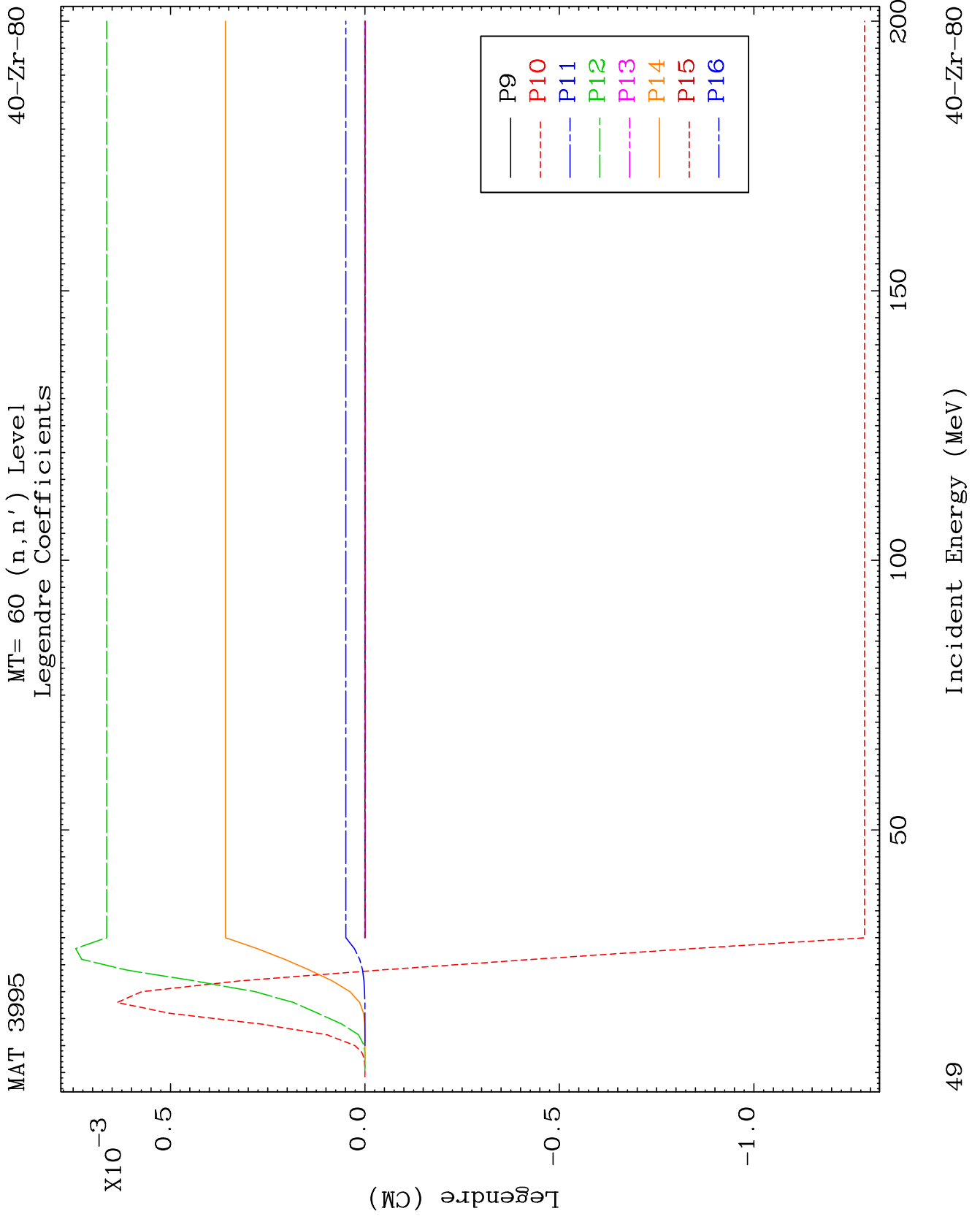
Incident Energy (MeV)

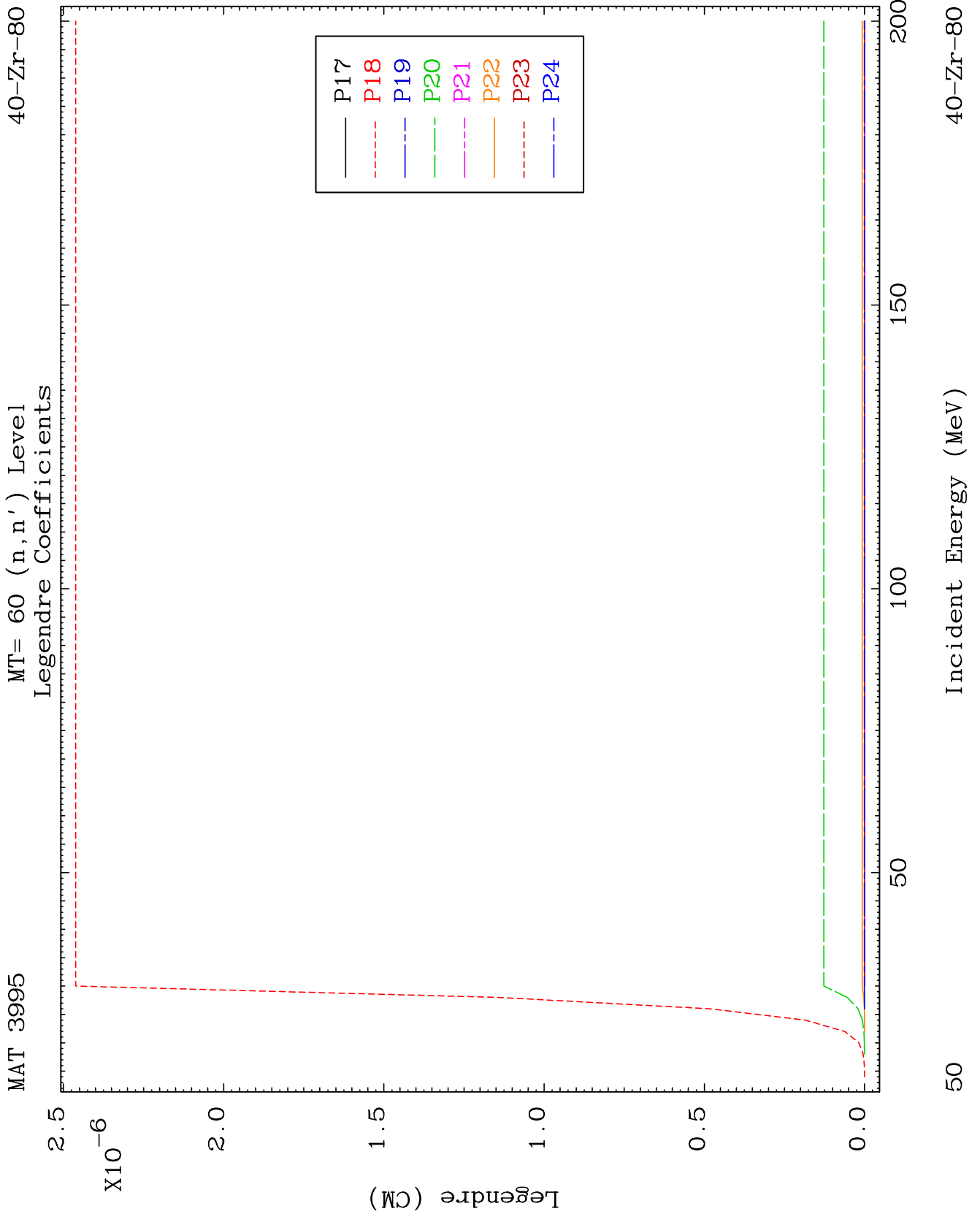
40-Zr-80







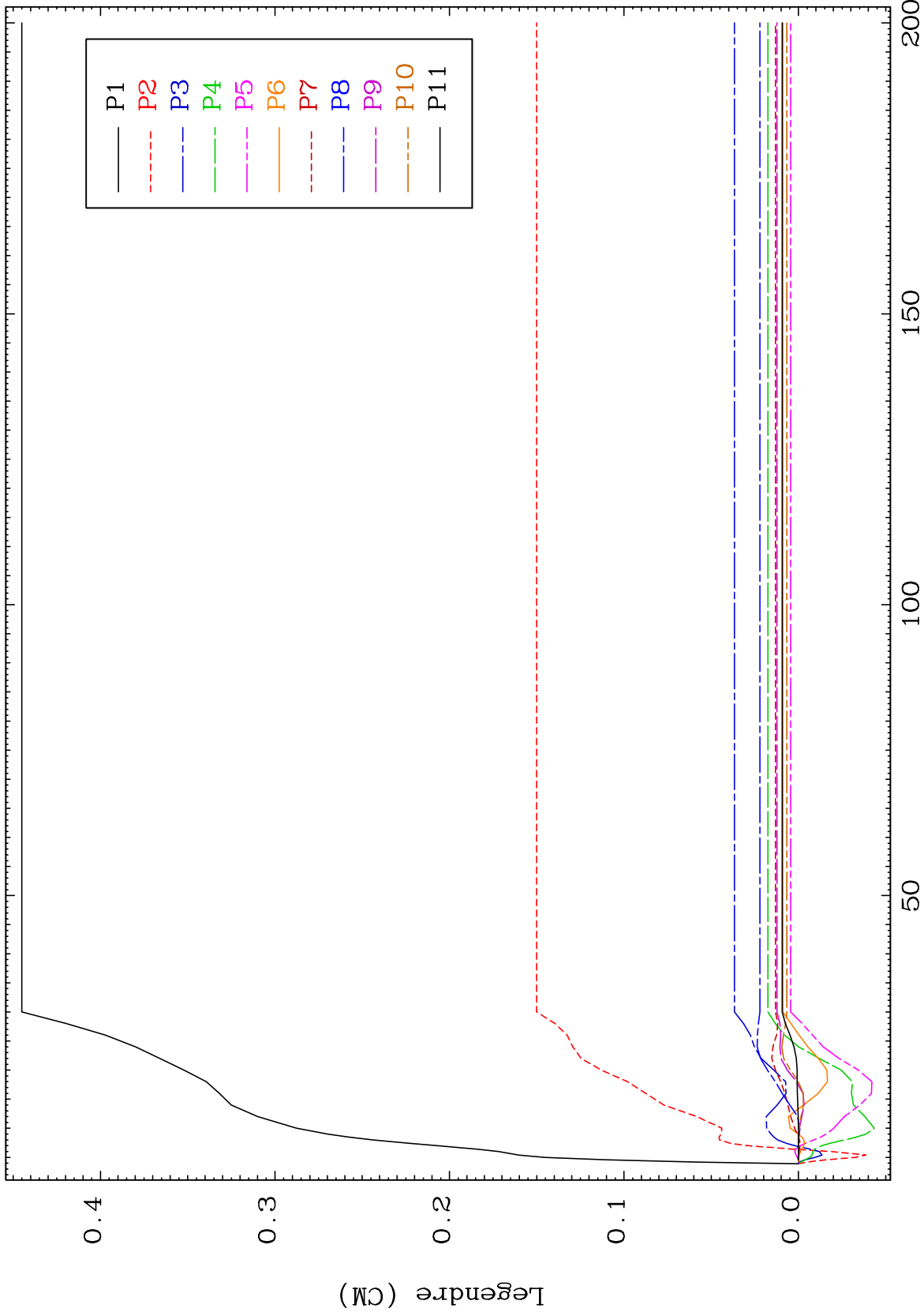




MAT 3995

MT= 61 (n,n') Level  
Legendre Coefficients

40-Zr-80



51

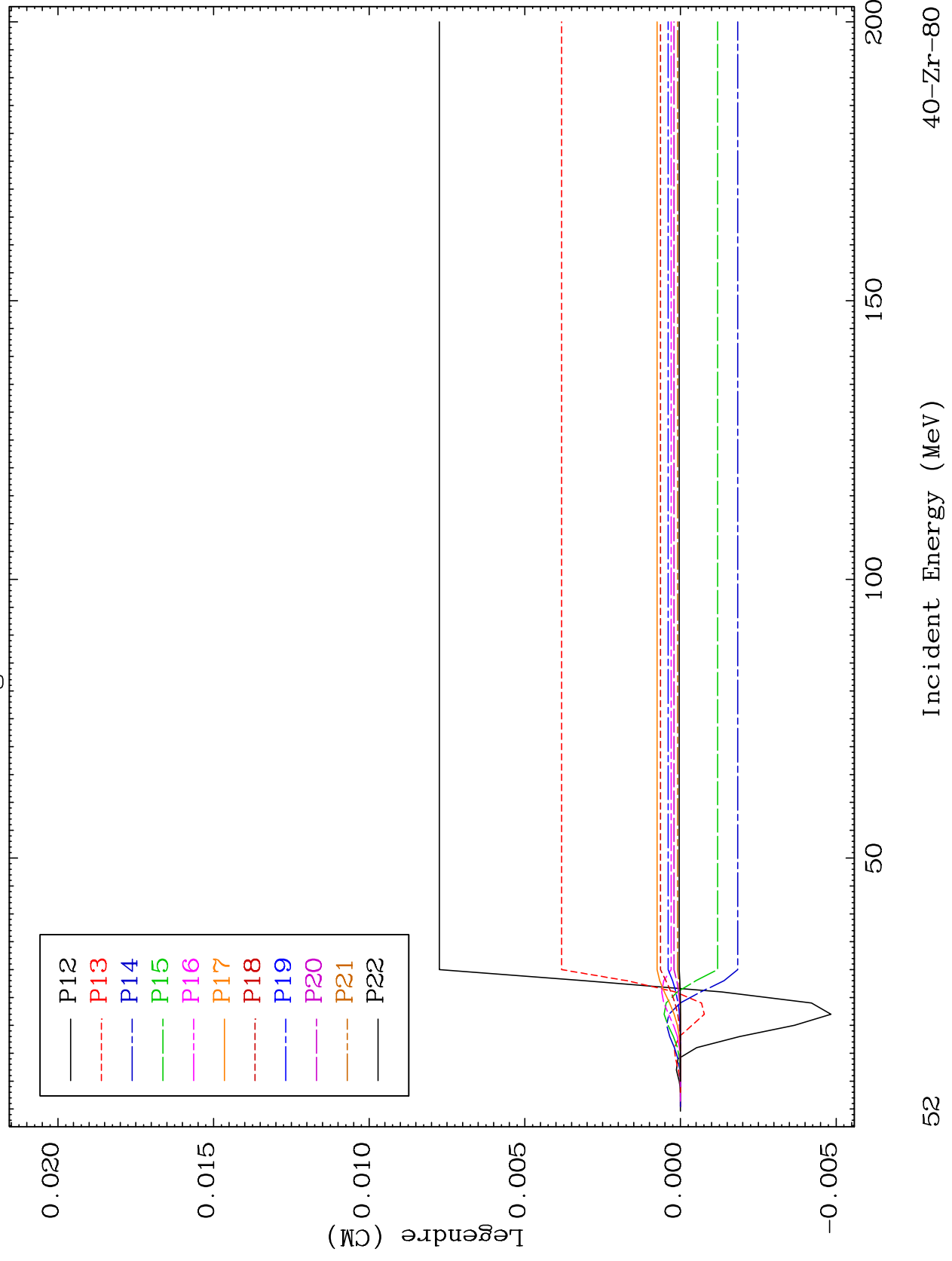
Incident Energy (MeV)

40-Zr-80

MAT 3995

MT= 61 (n,n') Level  
Legendre Coefficients

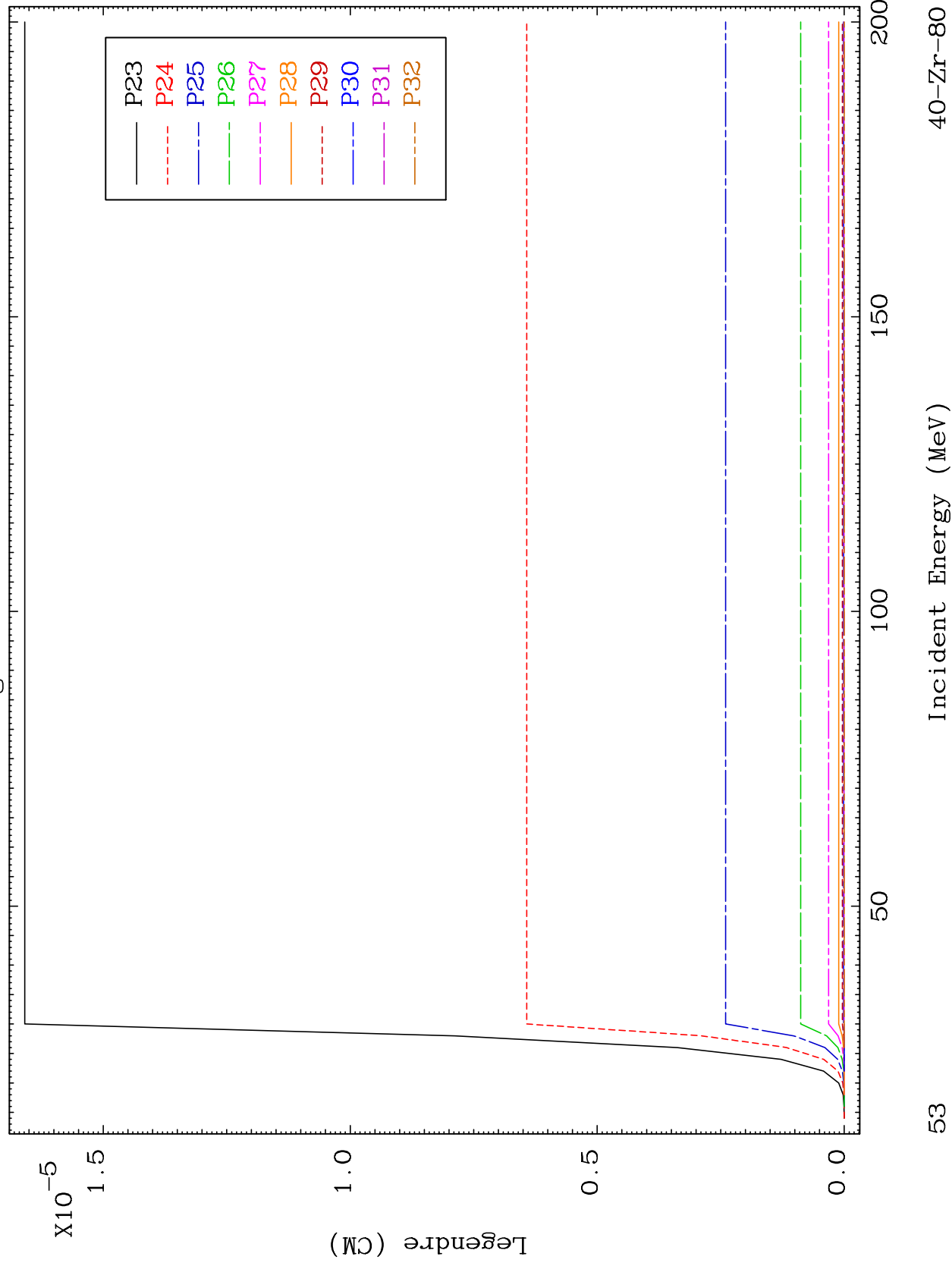
40-Zr-80



MAT 3995

MT= 61 (n,n') Level  
Legendre Coefficients

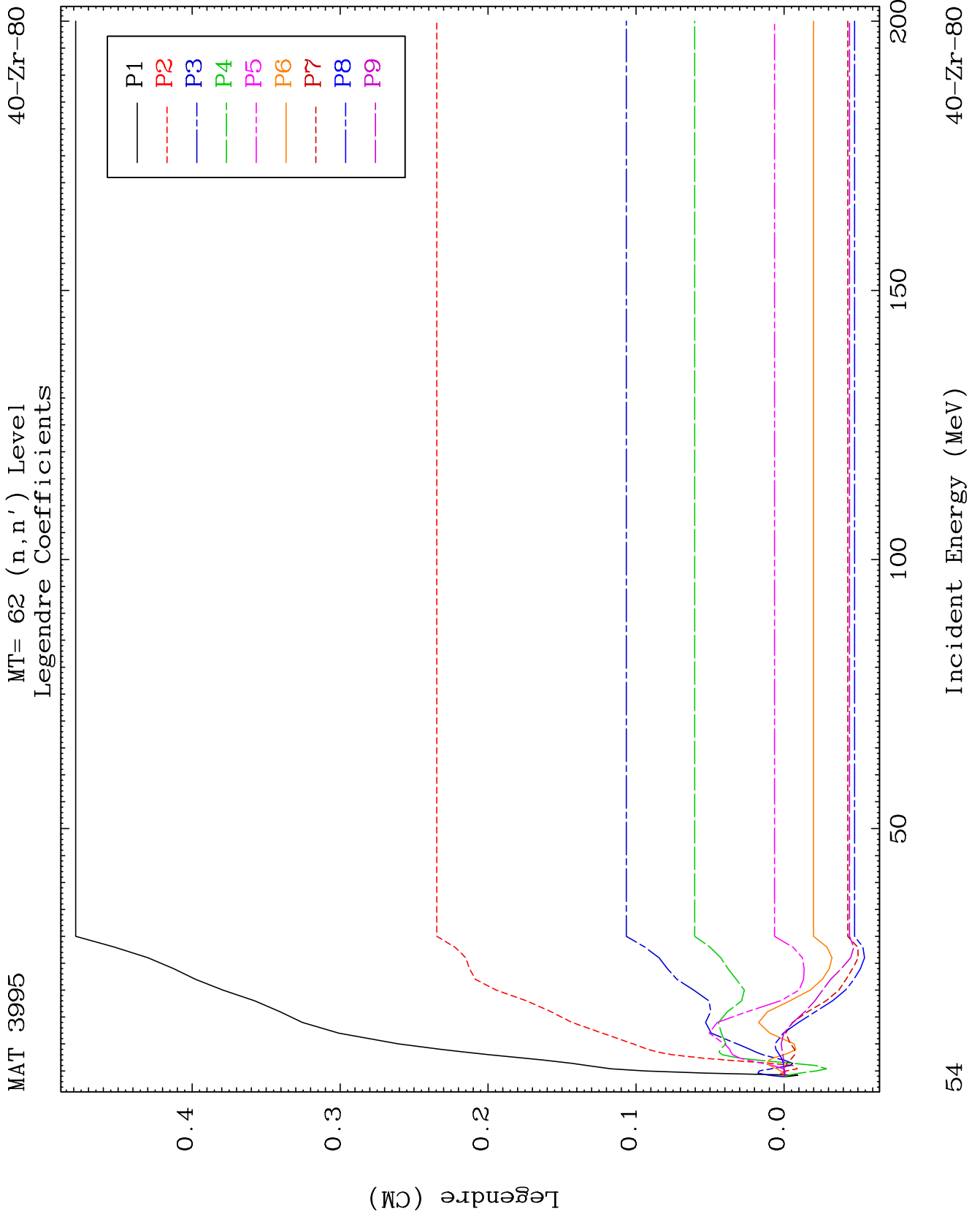
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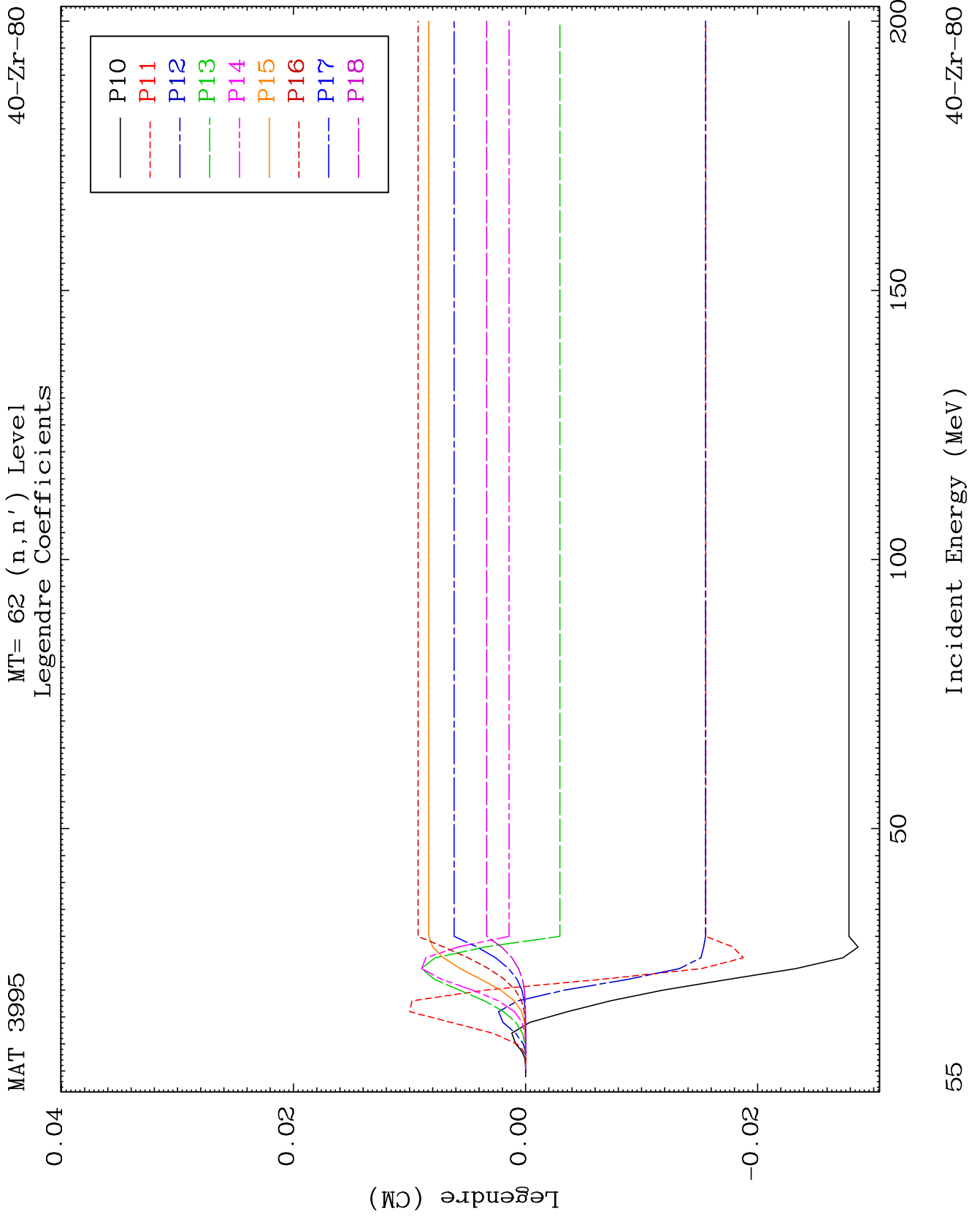


53

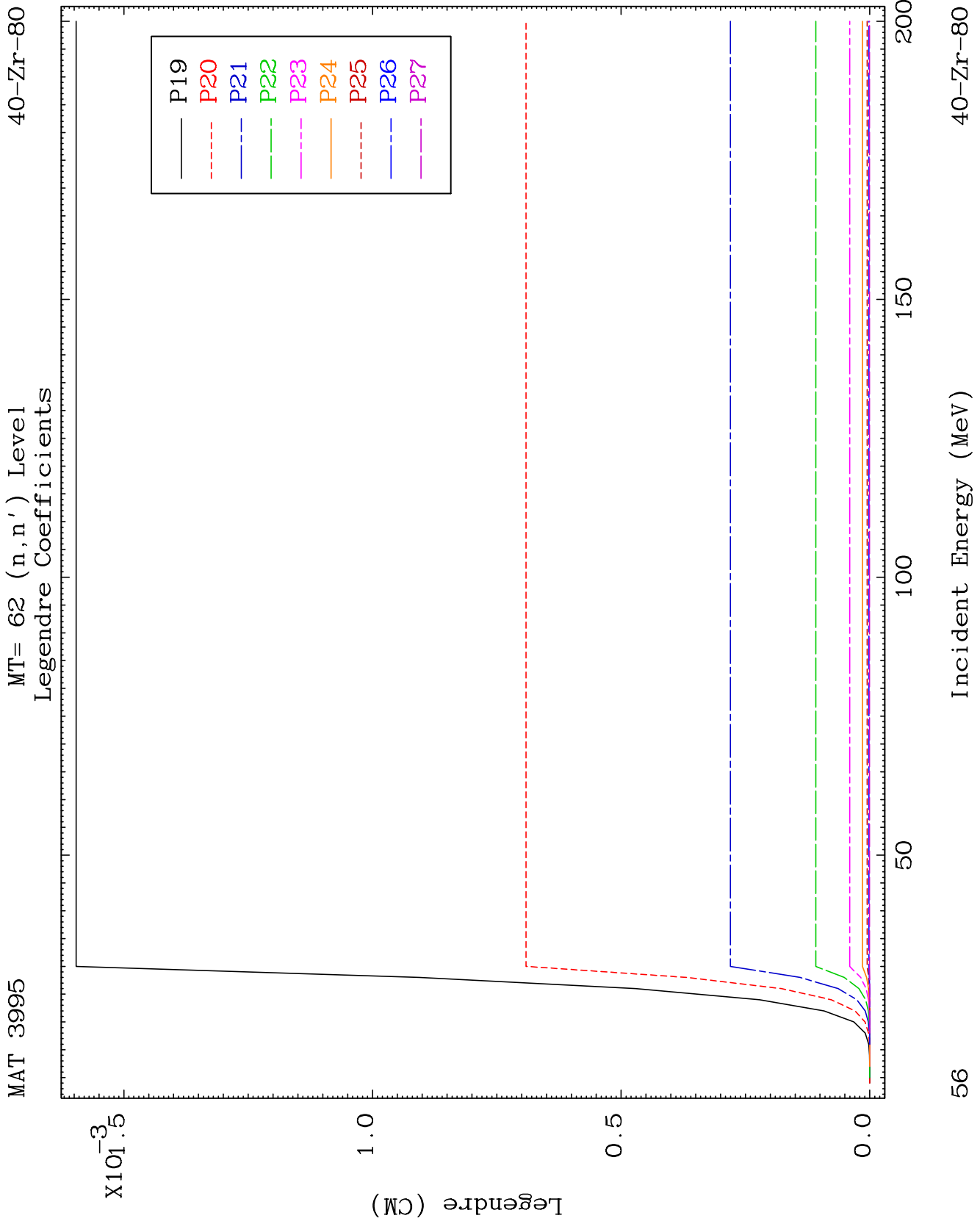
Incident Energy (MeV)

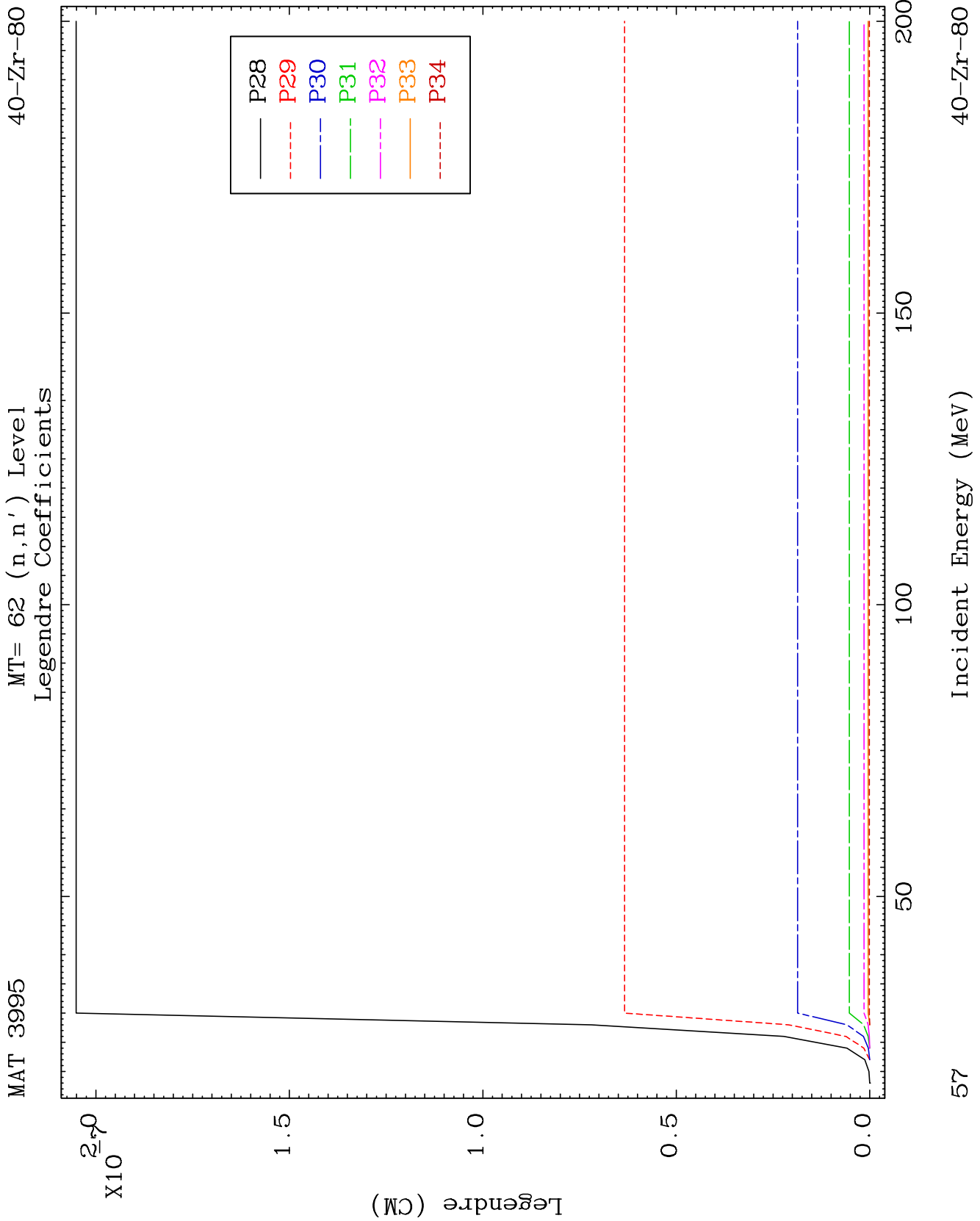
40-Zr-80

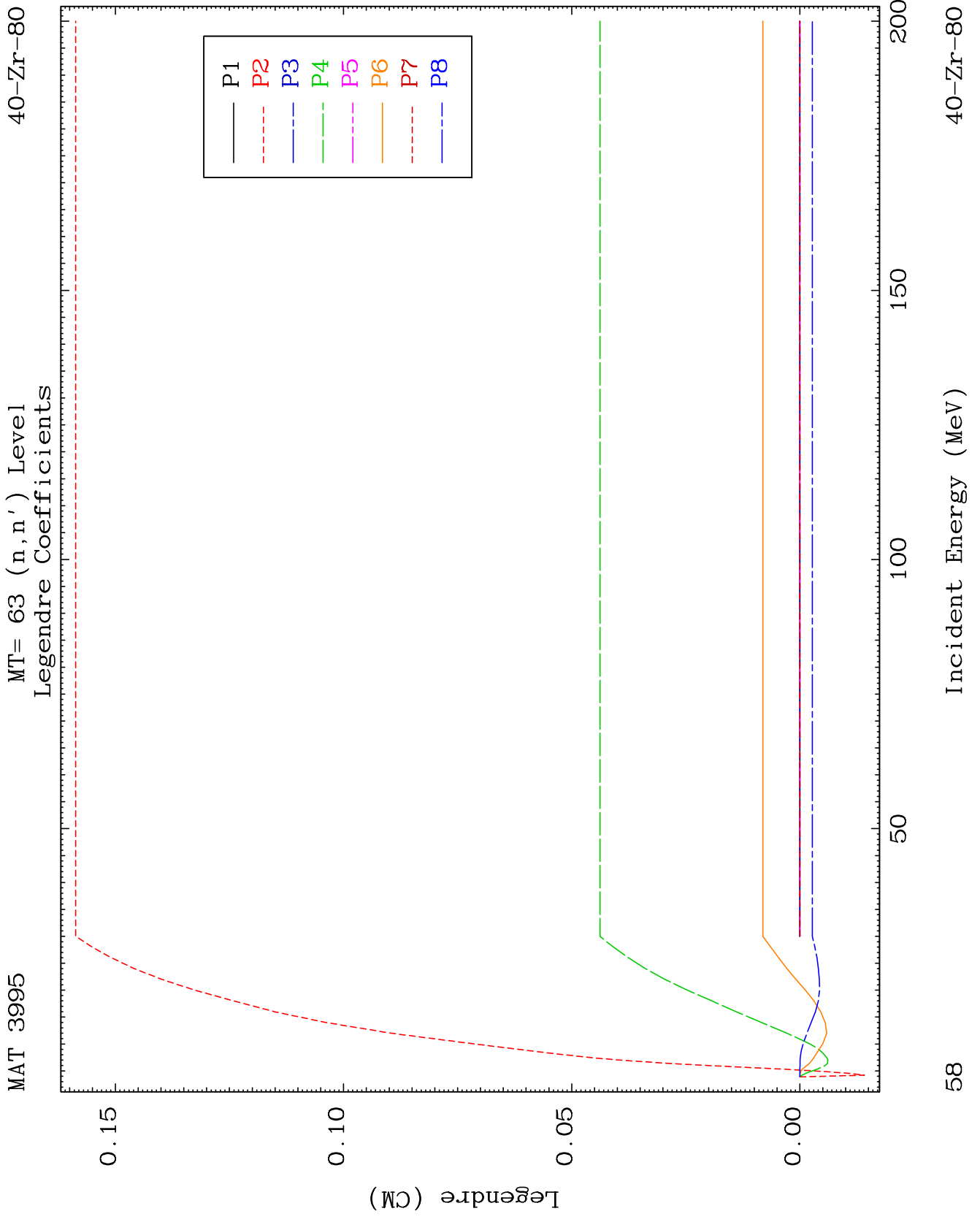


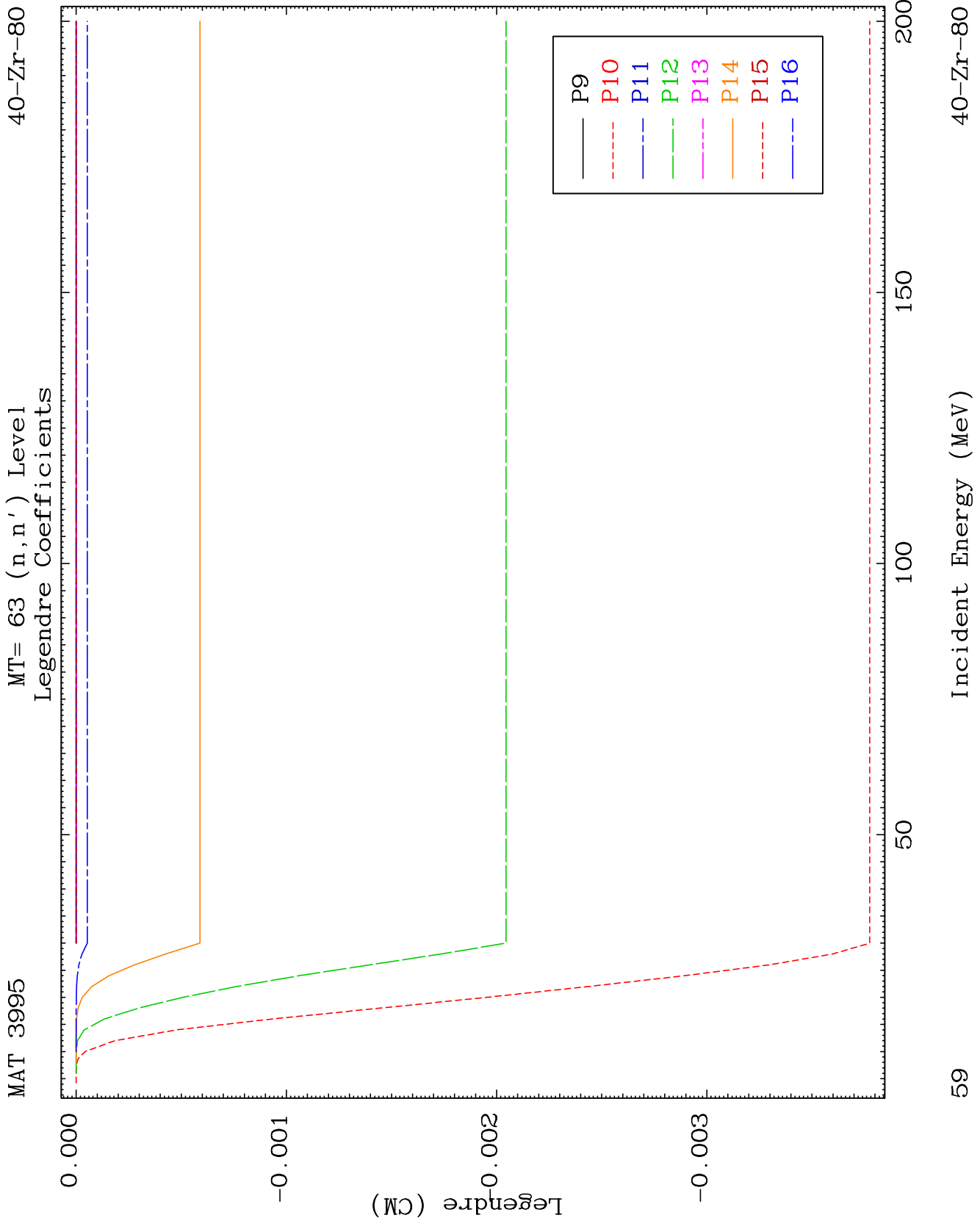


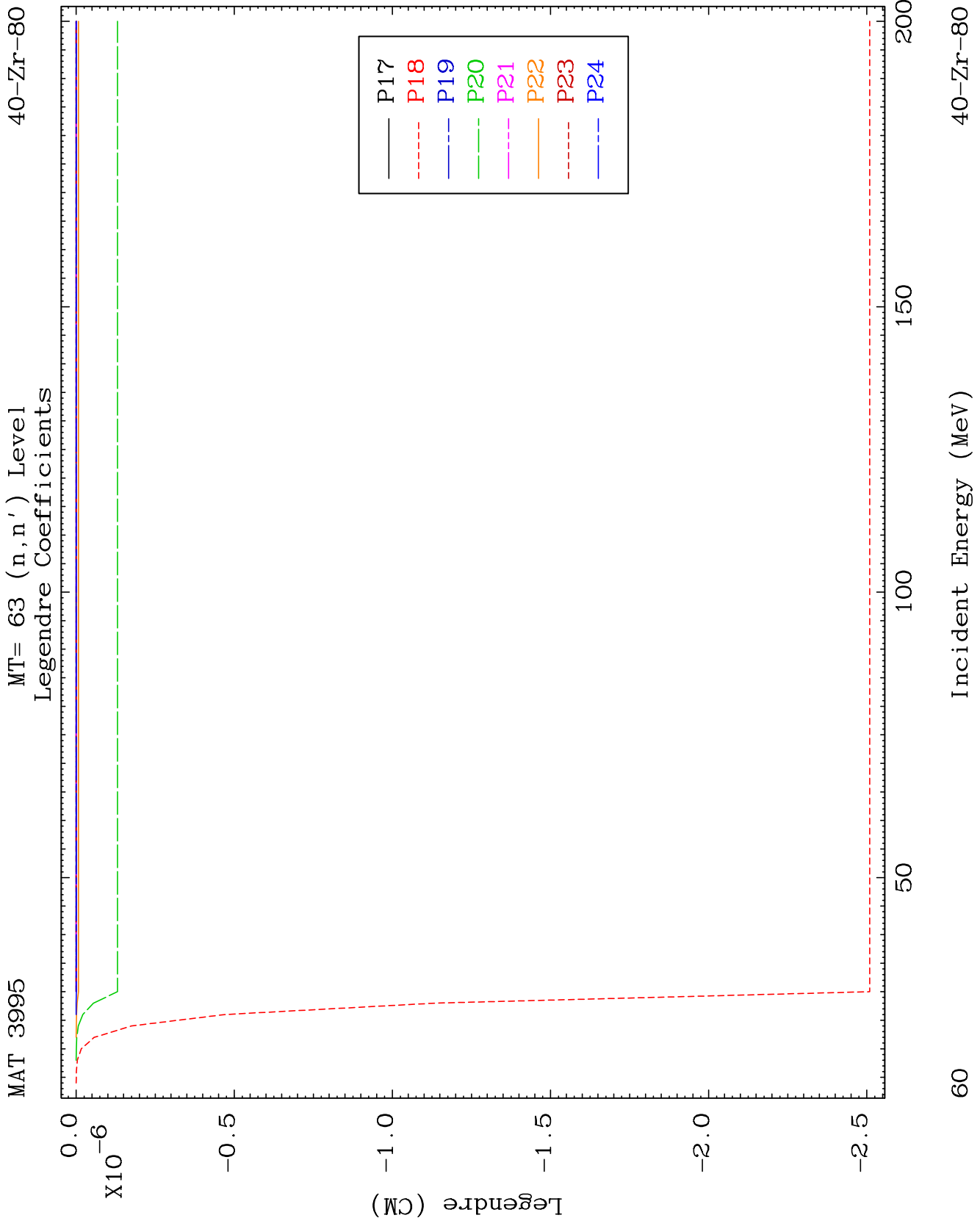










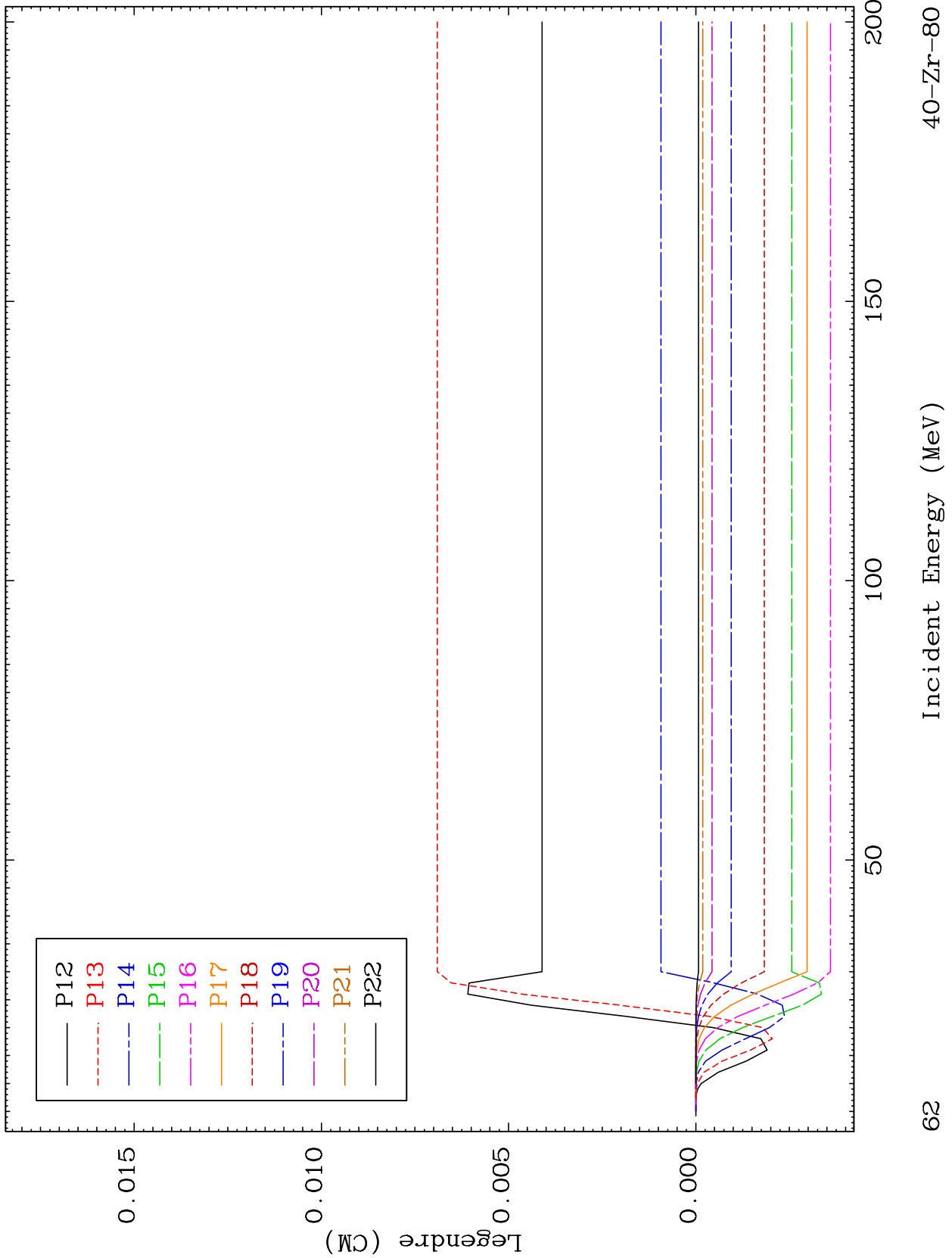




MAT 3995

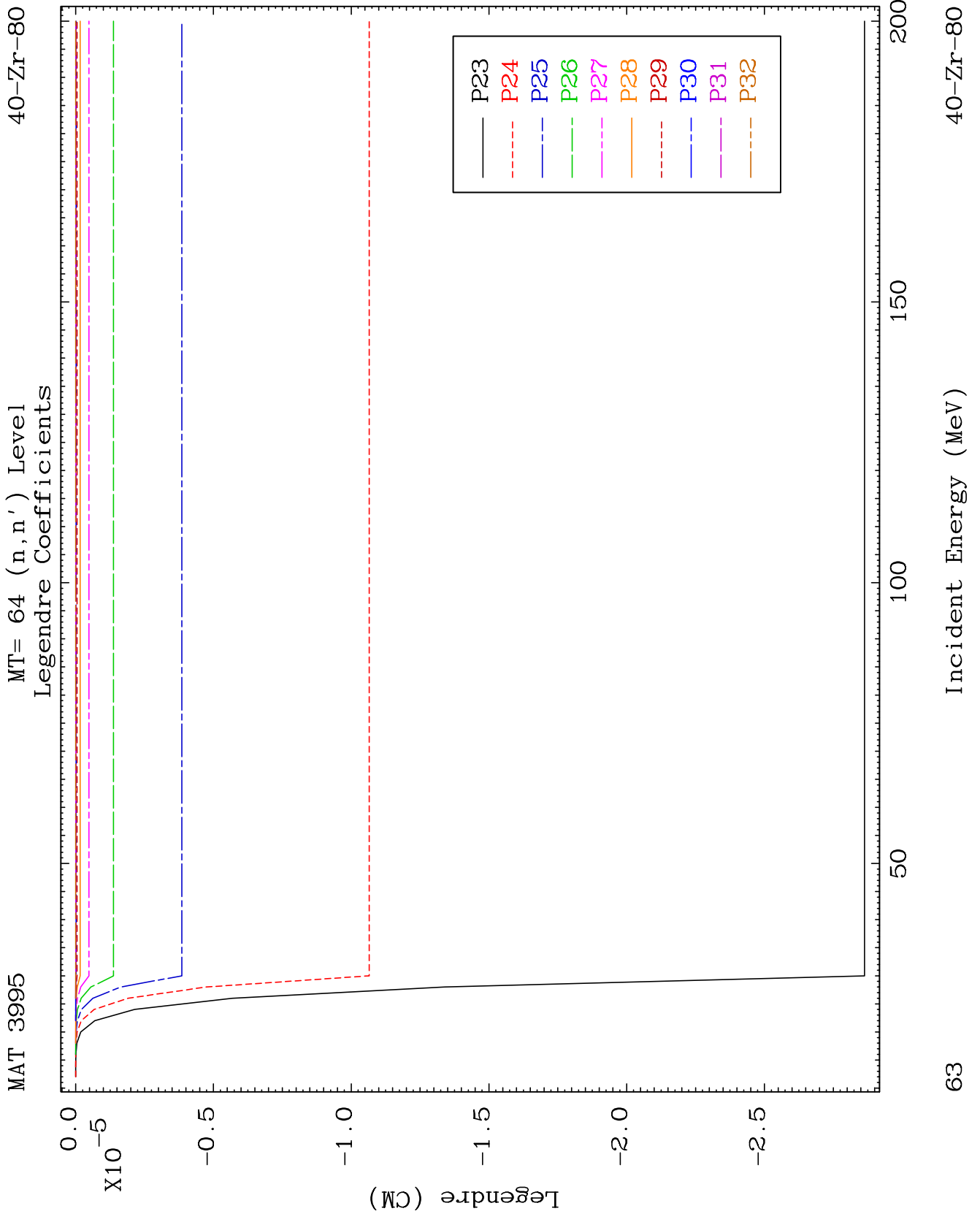
MT= 64 (n,n') Level  
Legendre Coefficients

40-Zr-80



62

40-Zr-80



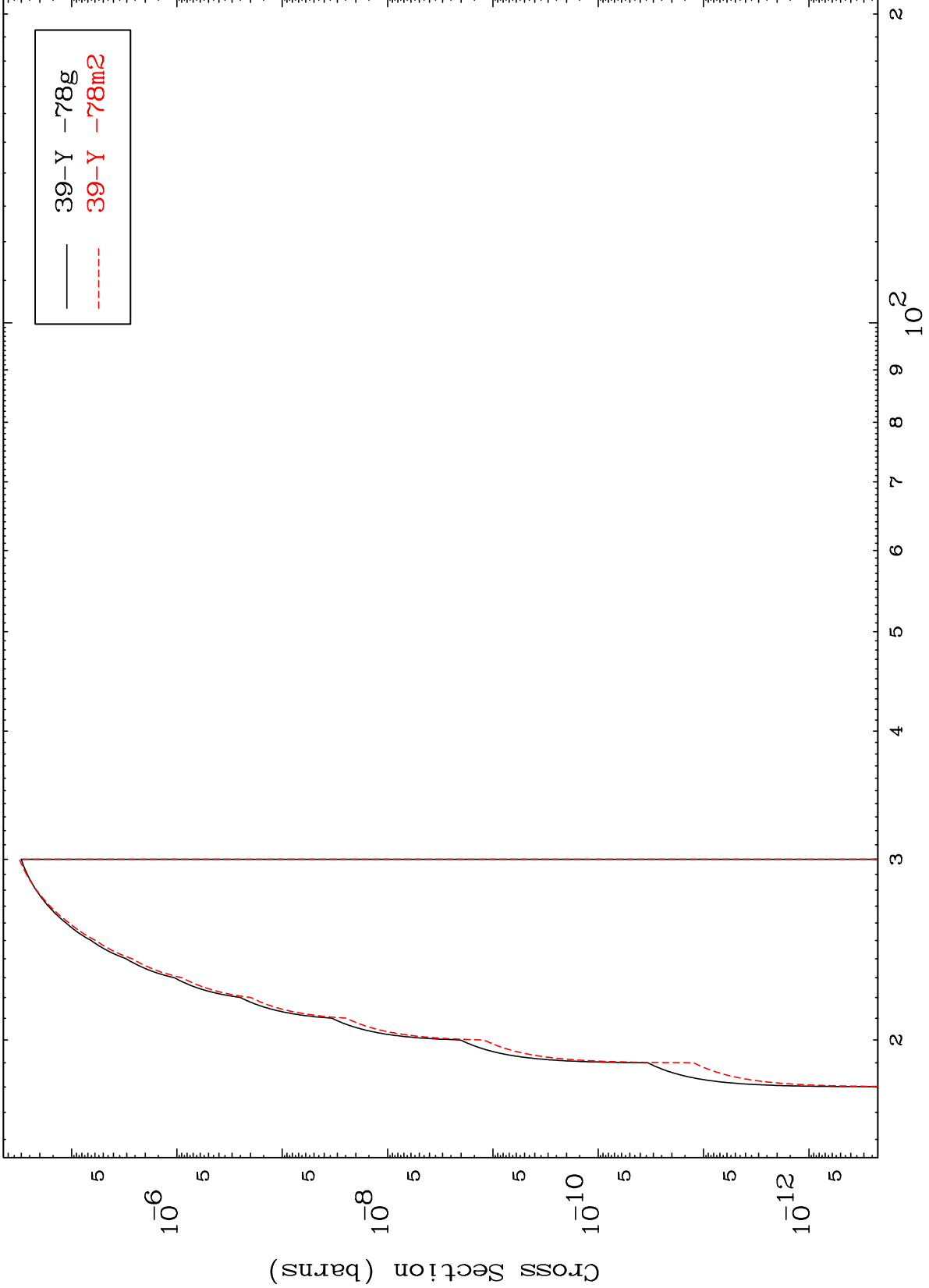


MAT 3995

(n,n') d

40-Zr-80

Radionuclide Production Cross Section



64

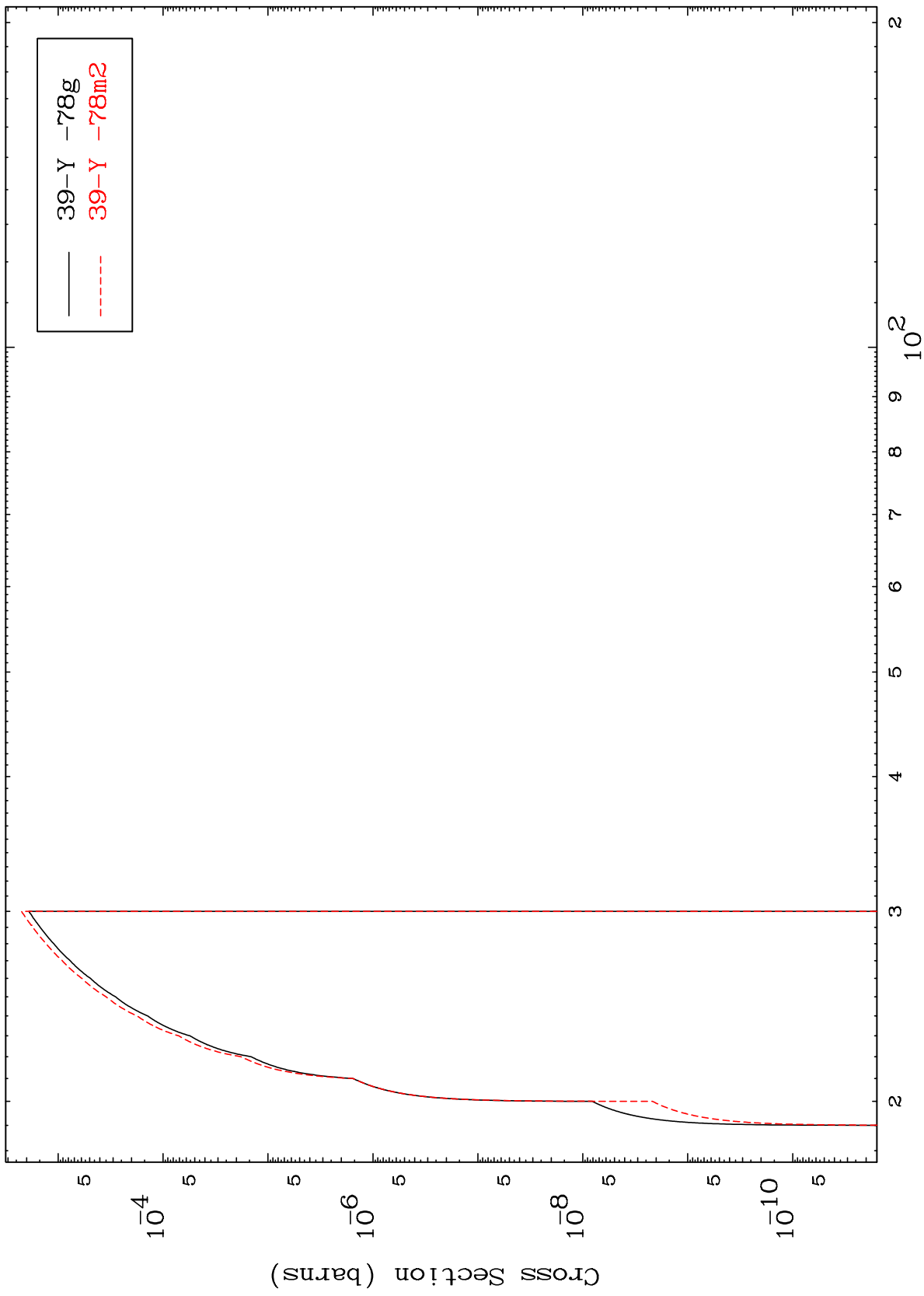
Incident Energy (MeV)

40-Zr-80

MAT 3995

40-Zr-80

(n,2n) p  
Radionuclide Production Cross Section



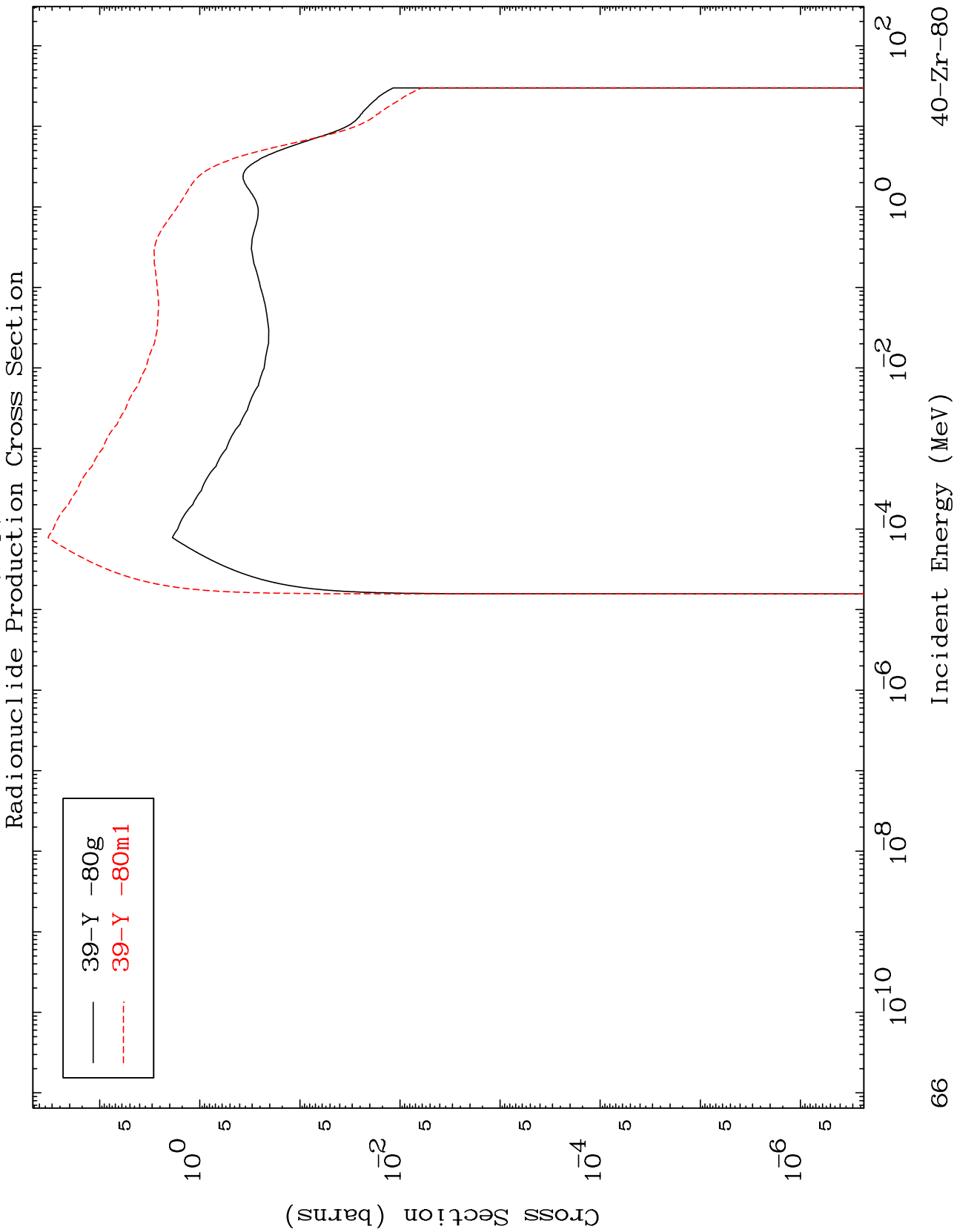
65

Incident Energy (MeV)

40-Zr-80

MAT 3995

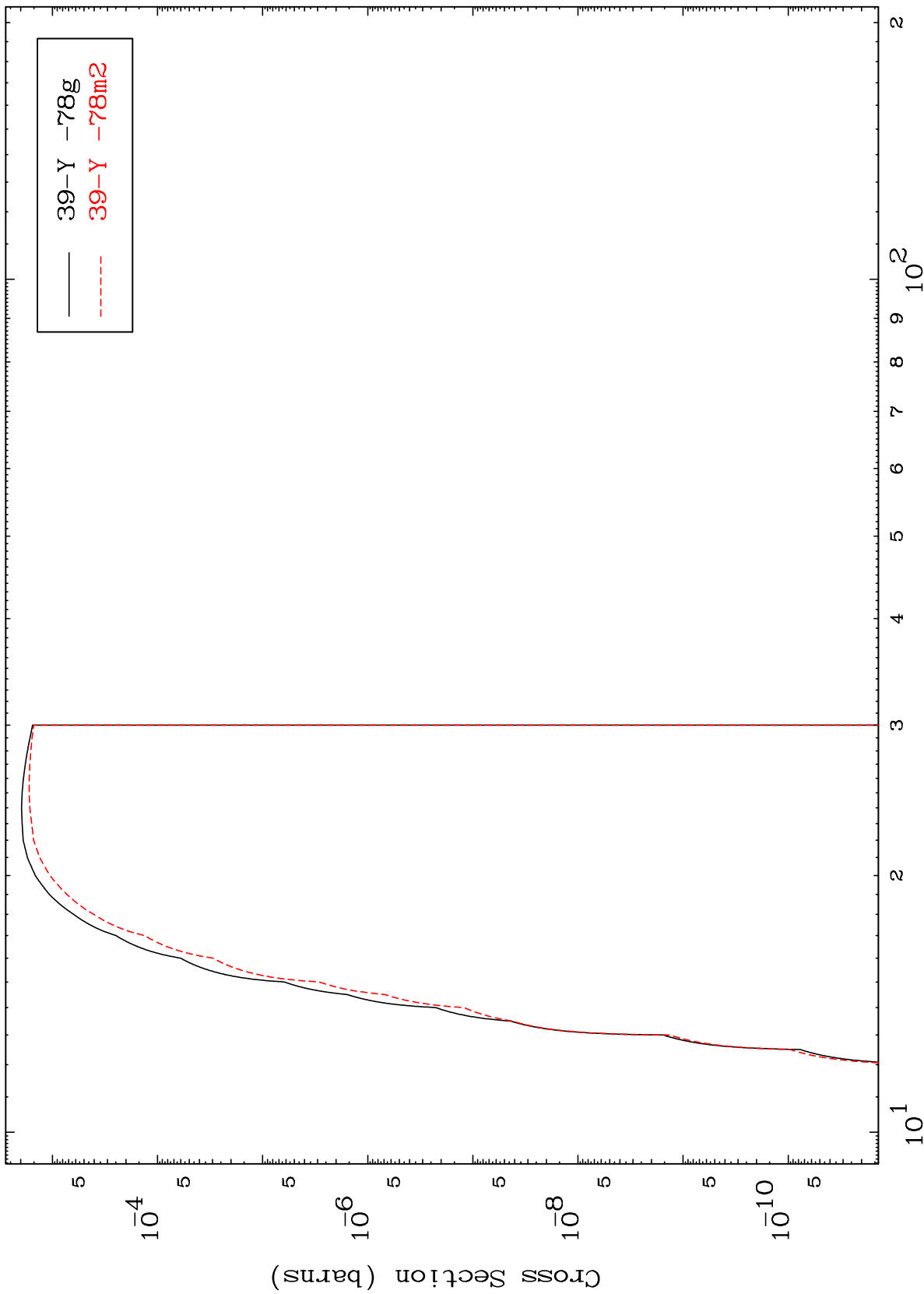
40-Zr-80



MAT 3995

40-Zr-80

(n,t)  
Radionuclide Production Cross Section



67

Incident Energy (MeV)

40-Zr-80