

Program EVALPLOT  
(Version 2021-1)

by

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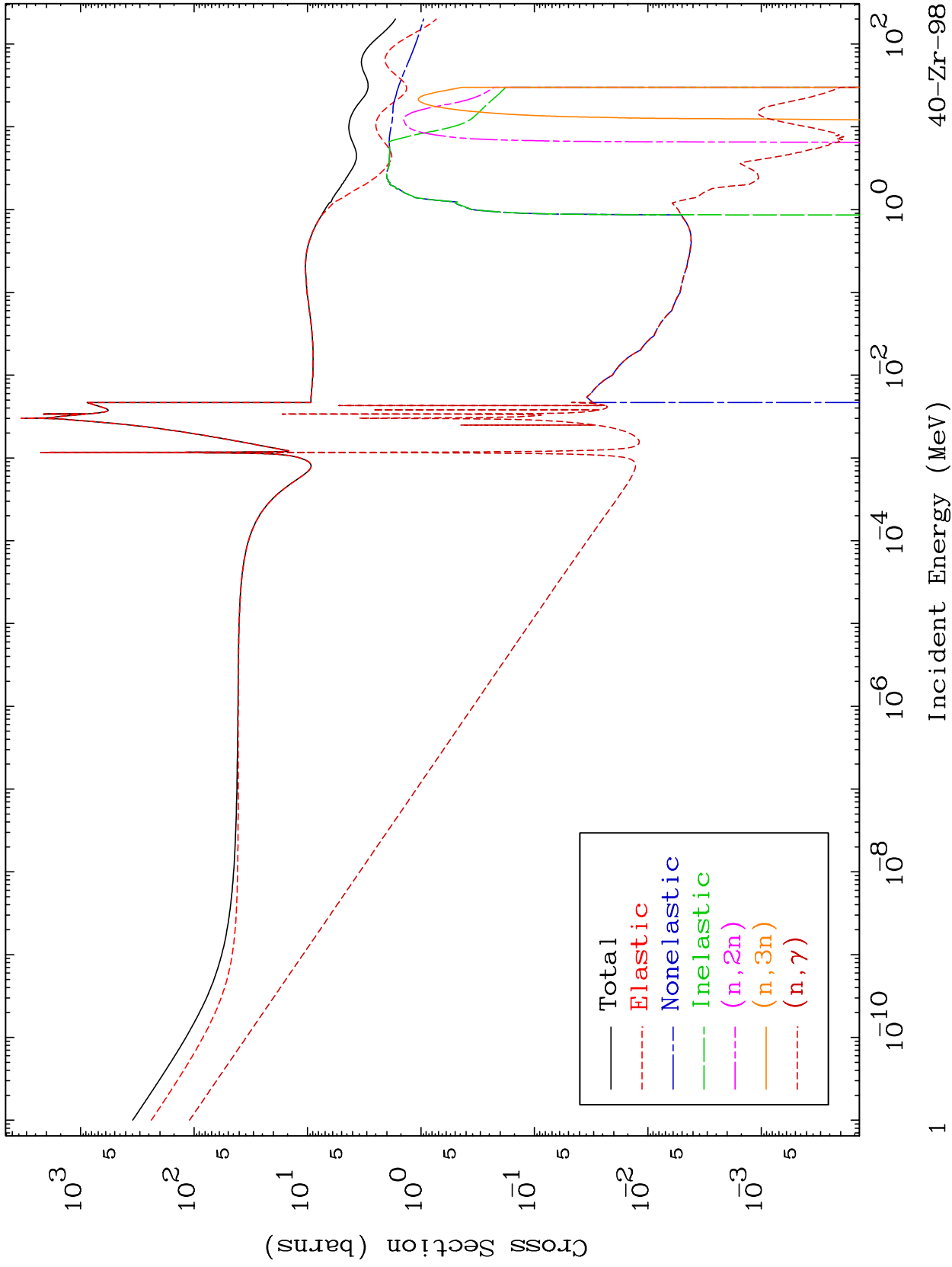
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Press Mouse Button to Start

MAT 4049

Neutron Major  
293 Kelvin Cross Sections

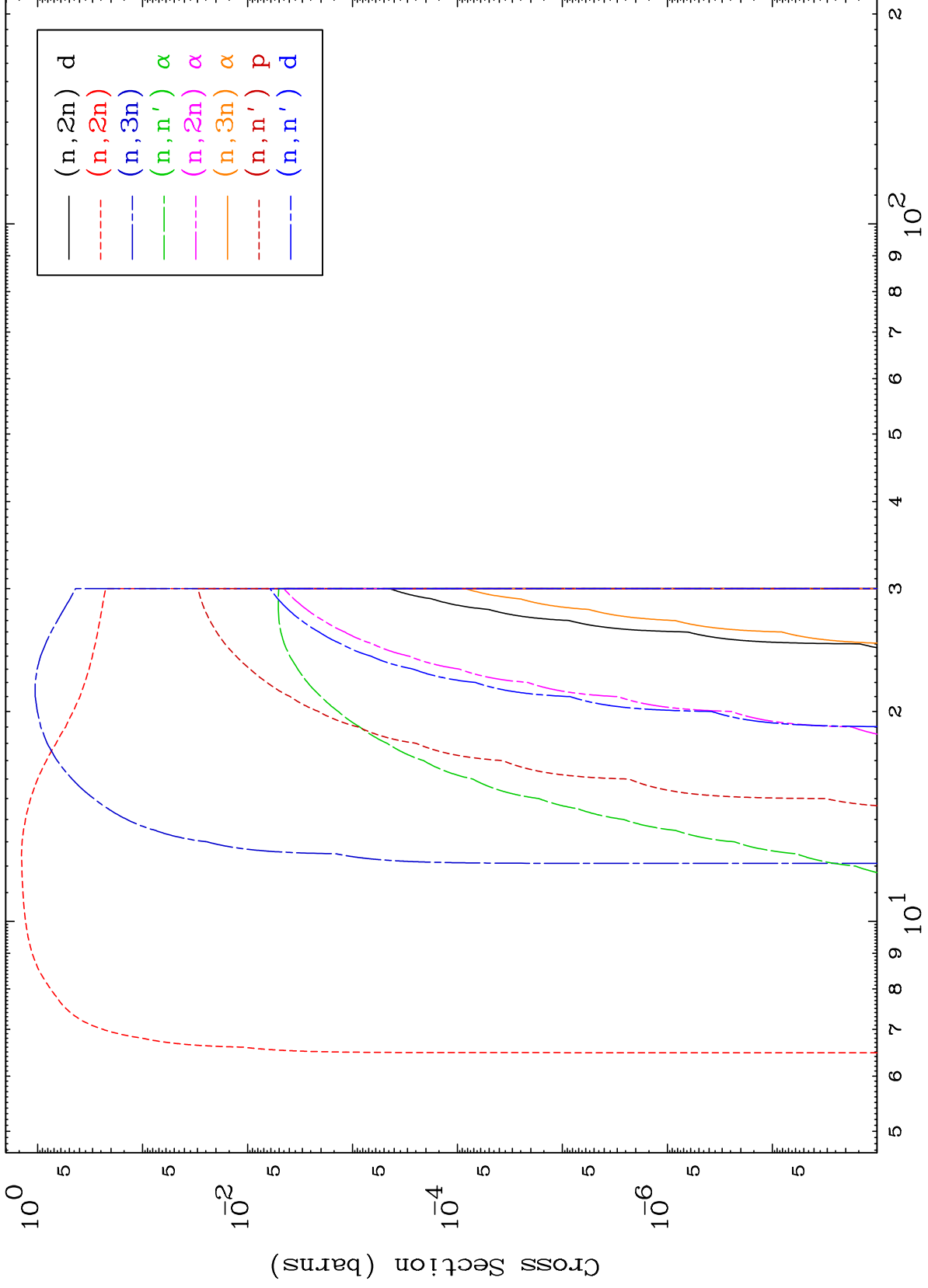
40-Zr-98



MAT 4049

Neutron Absorption  
293 Kelvin Cross Sections

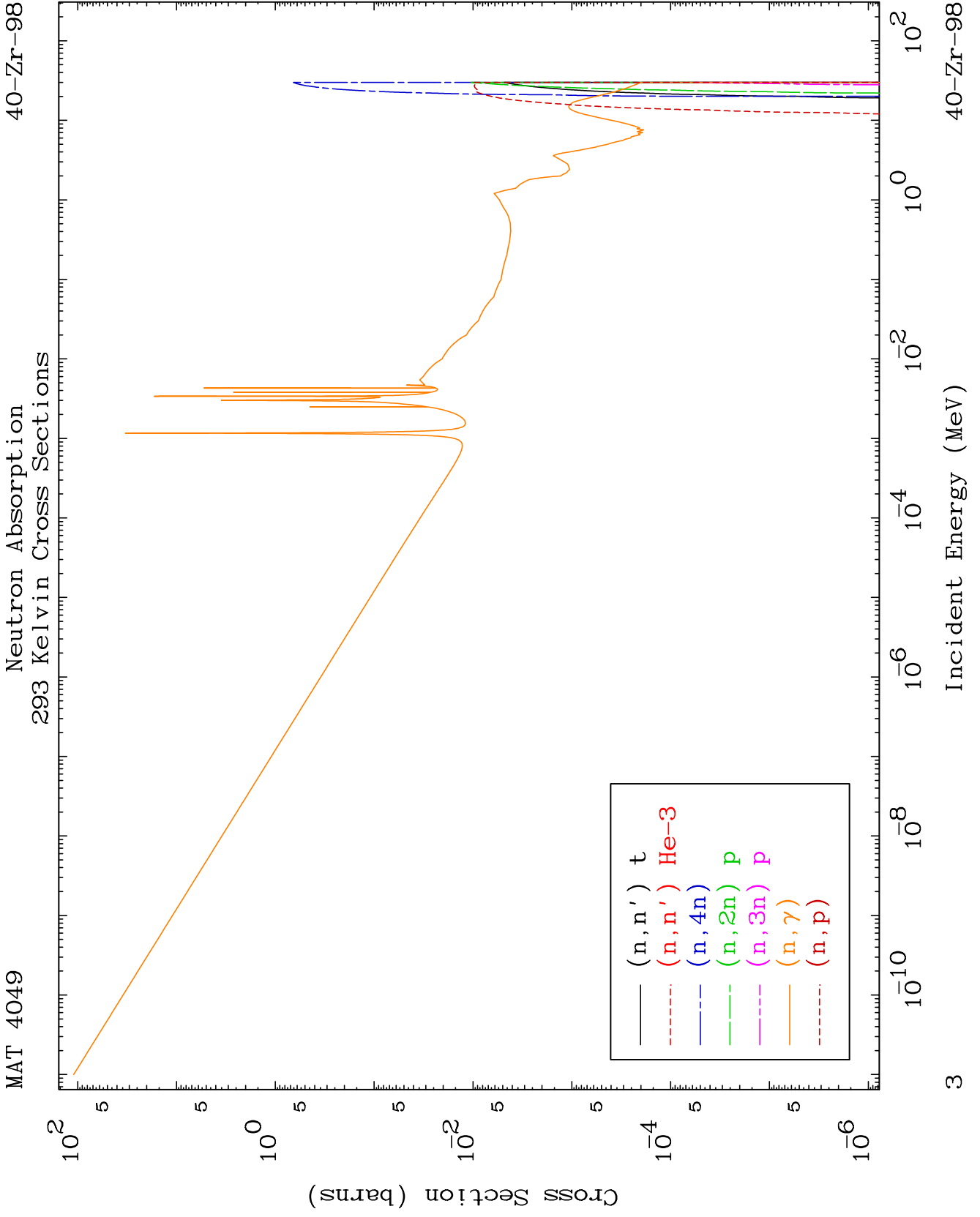
40-Zr-98



2

Incident Energy (MeV)

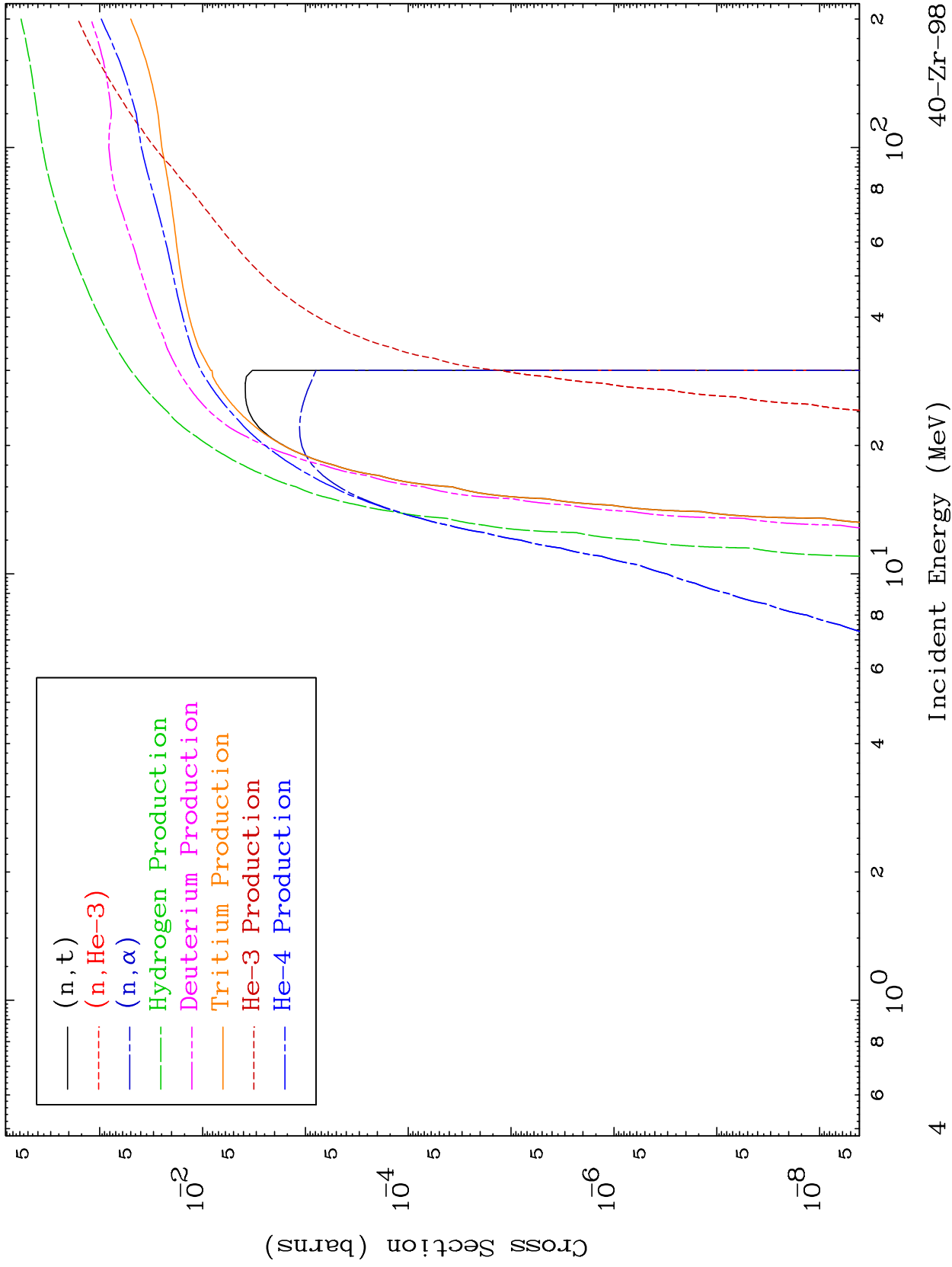
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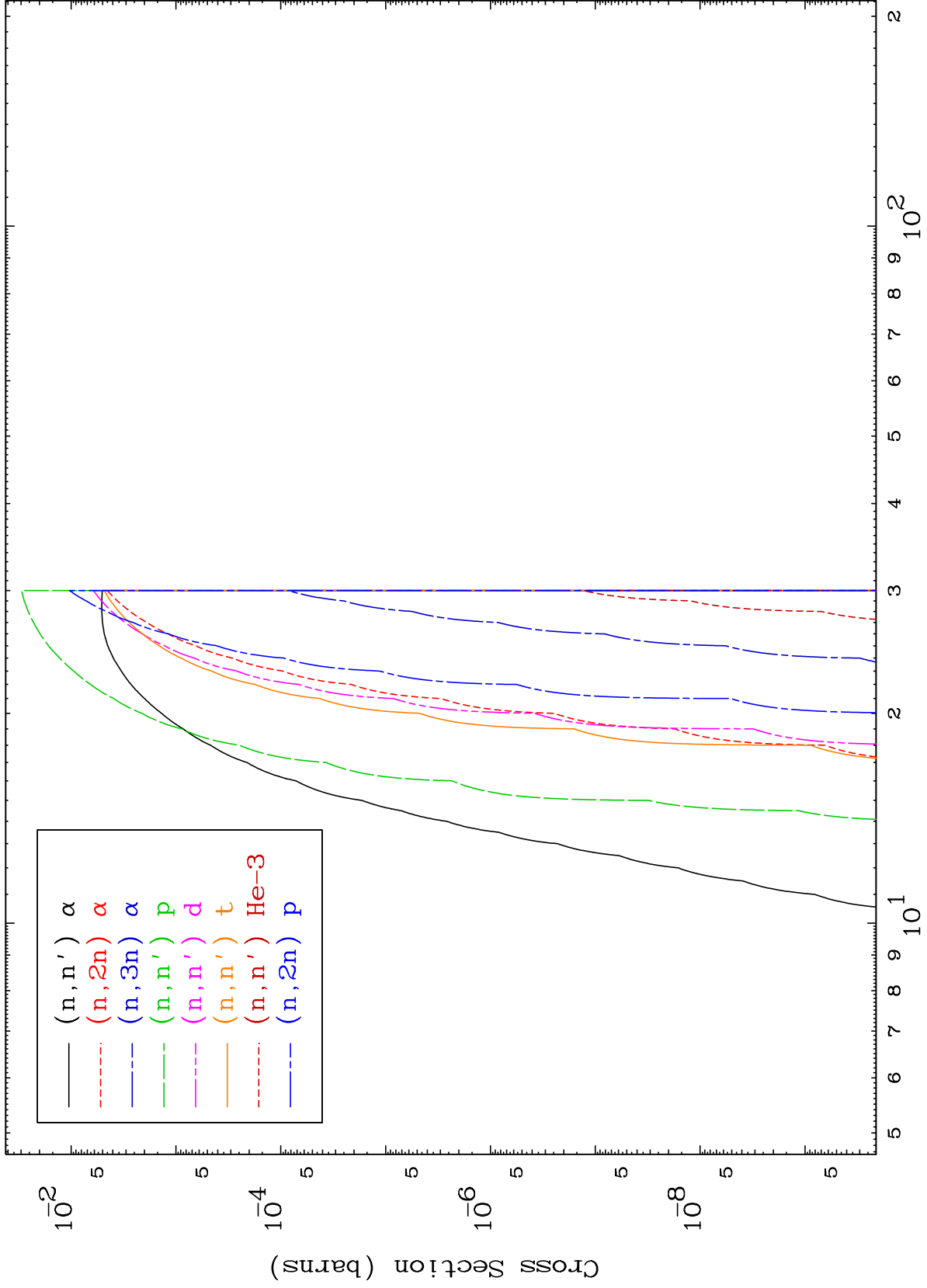


MAT 4049

Neutron Absorption  
293 Kelvin Cross Sections

40-Zr-98

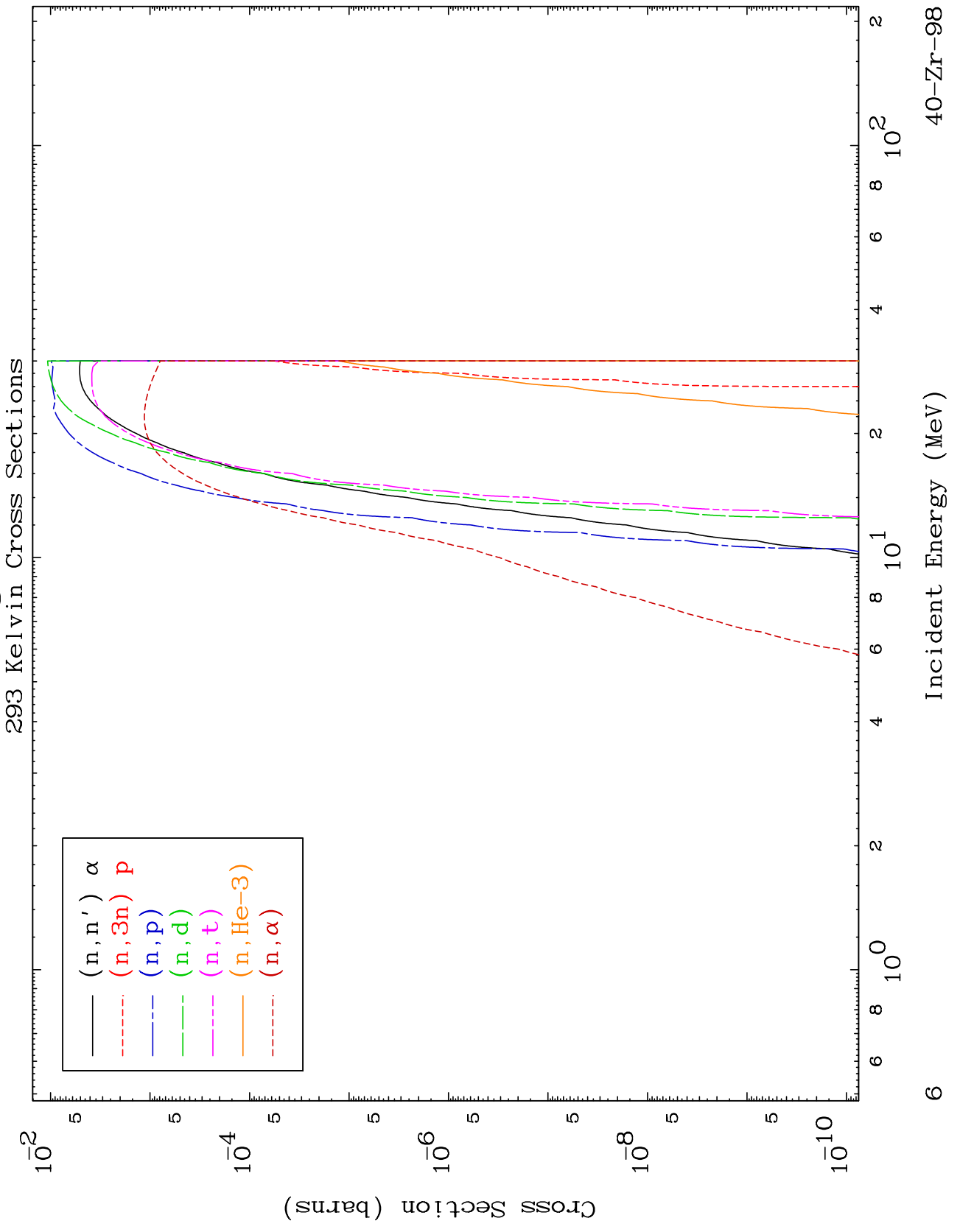




MAT 4049

Charged Particle

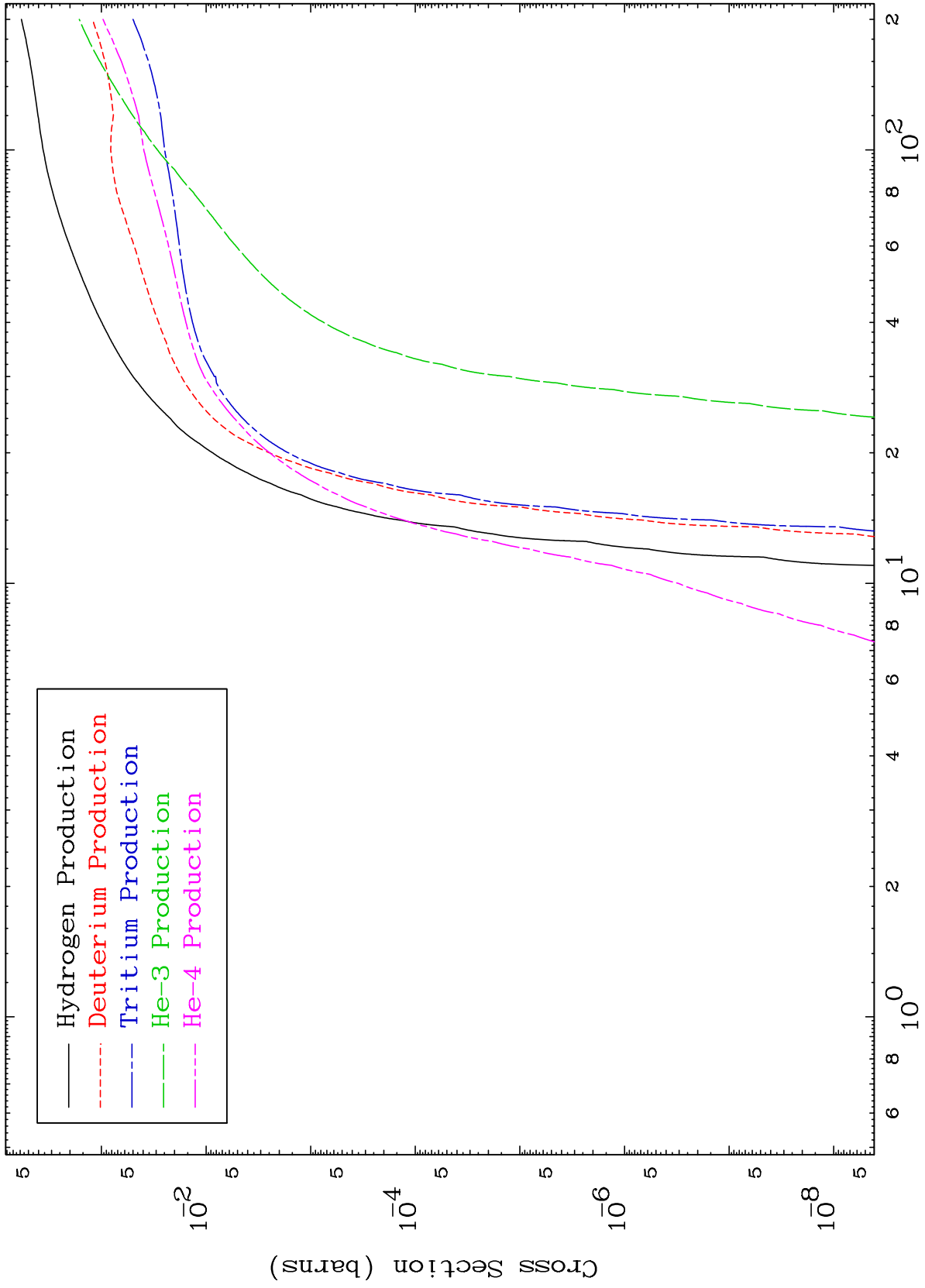
40-Zr-98



MAT 4049

Particle Production  
293 Kelvin Cross Sections

40-Zr-98

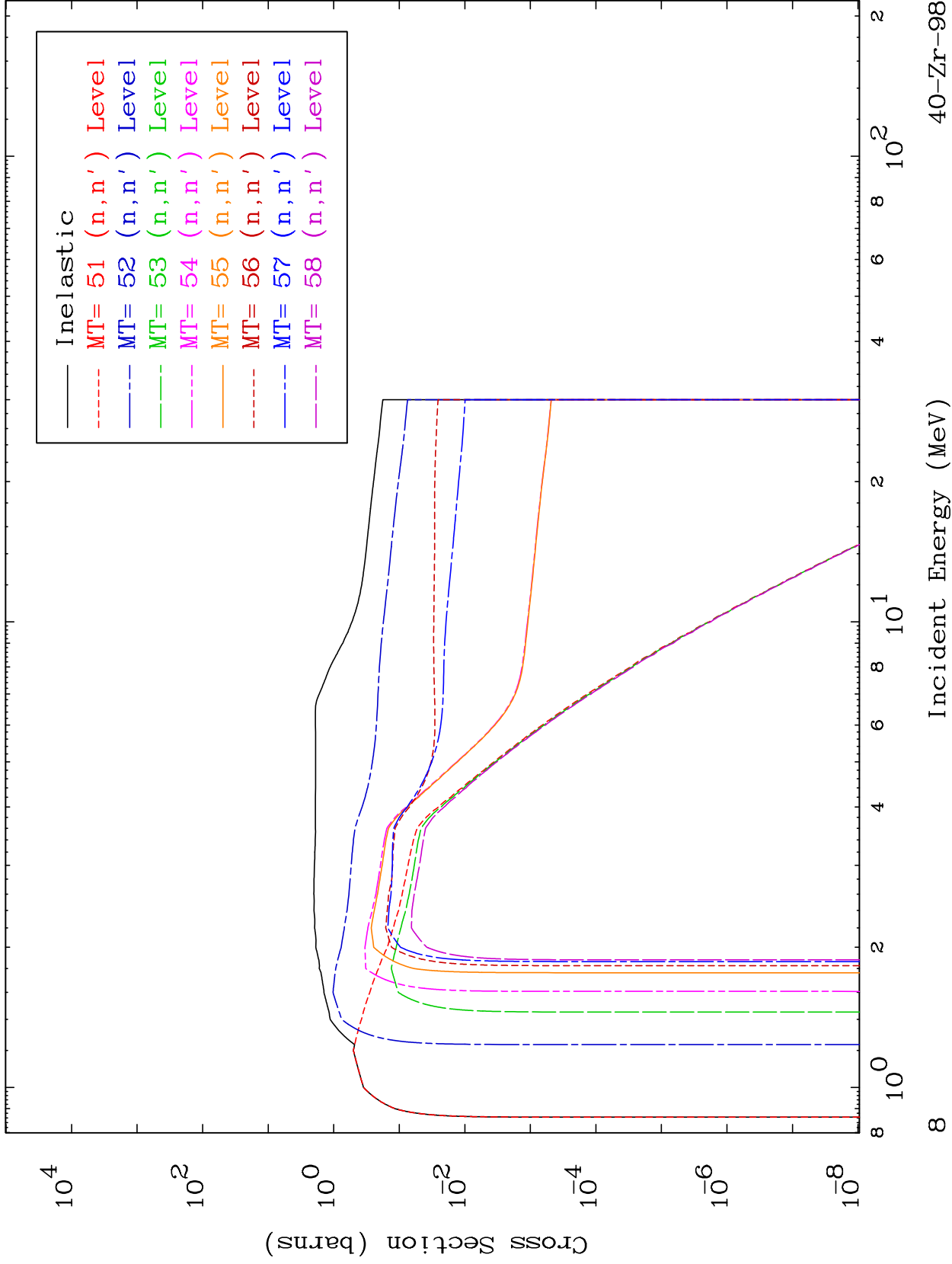


MAT 4049

(n,n') Levels

40-Zr-98

293 Kelvin Cross Sections



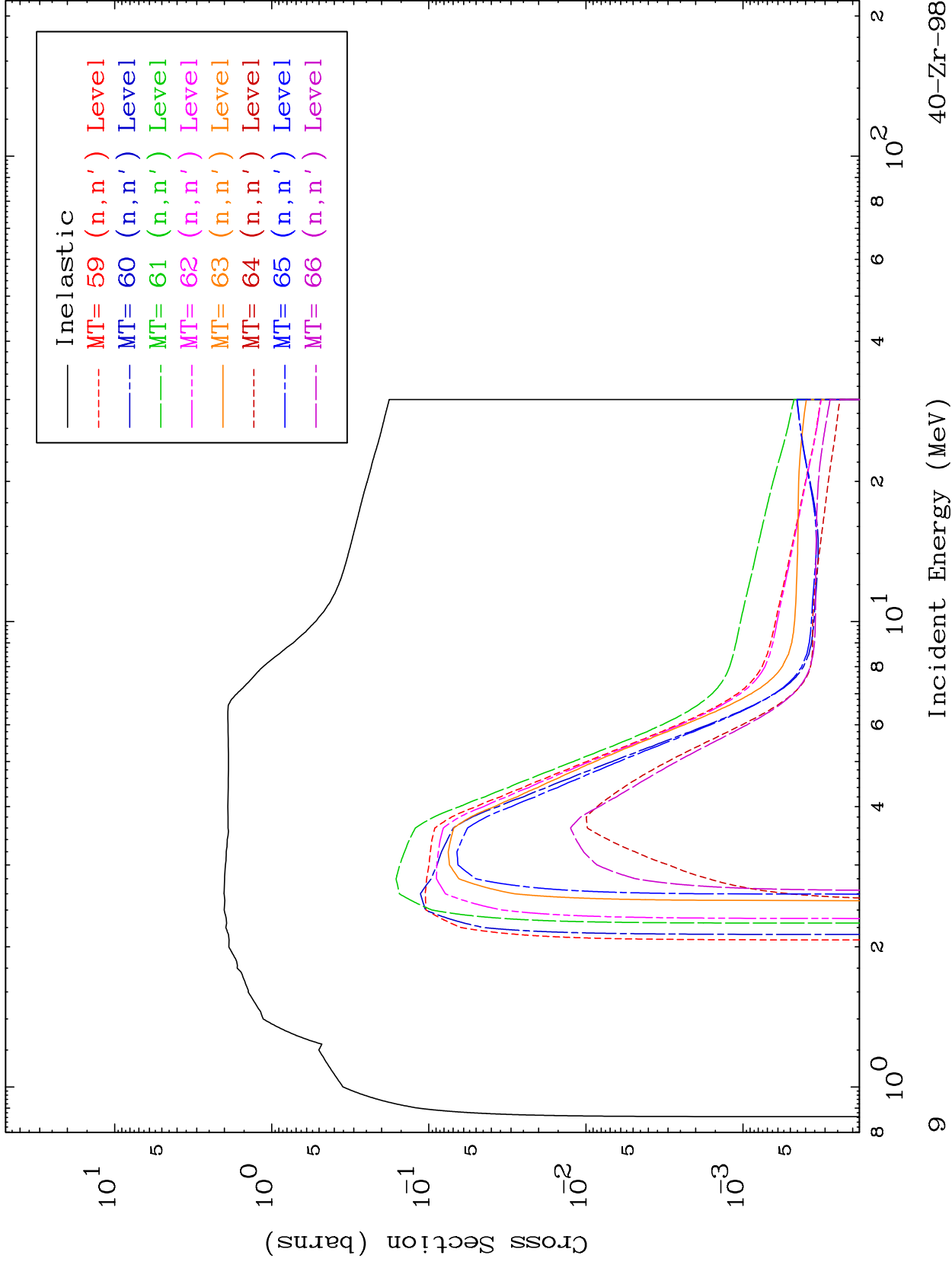
Incident Energy (MeV)

40-Zr-98

MAT 4049

(n,n') Levels  
293 Kelvin Cross Sections

40-Zr-98

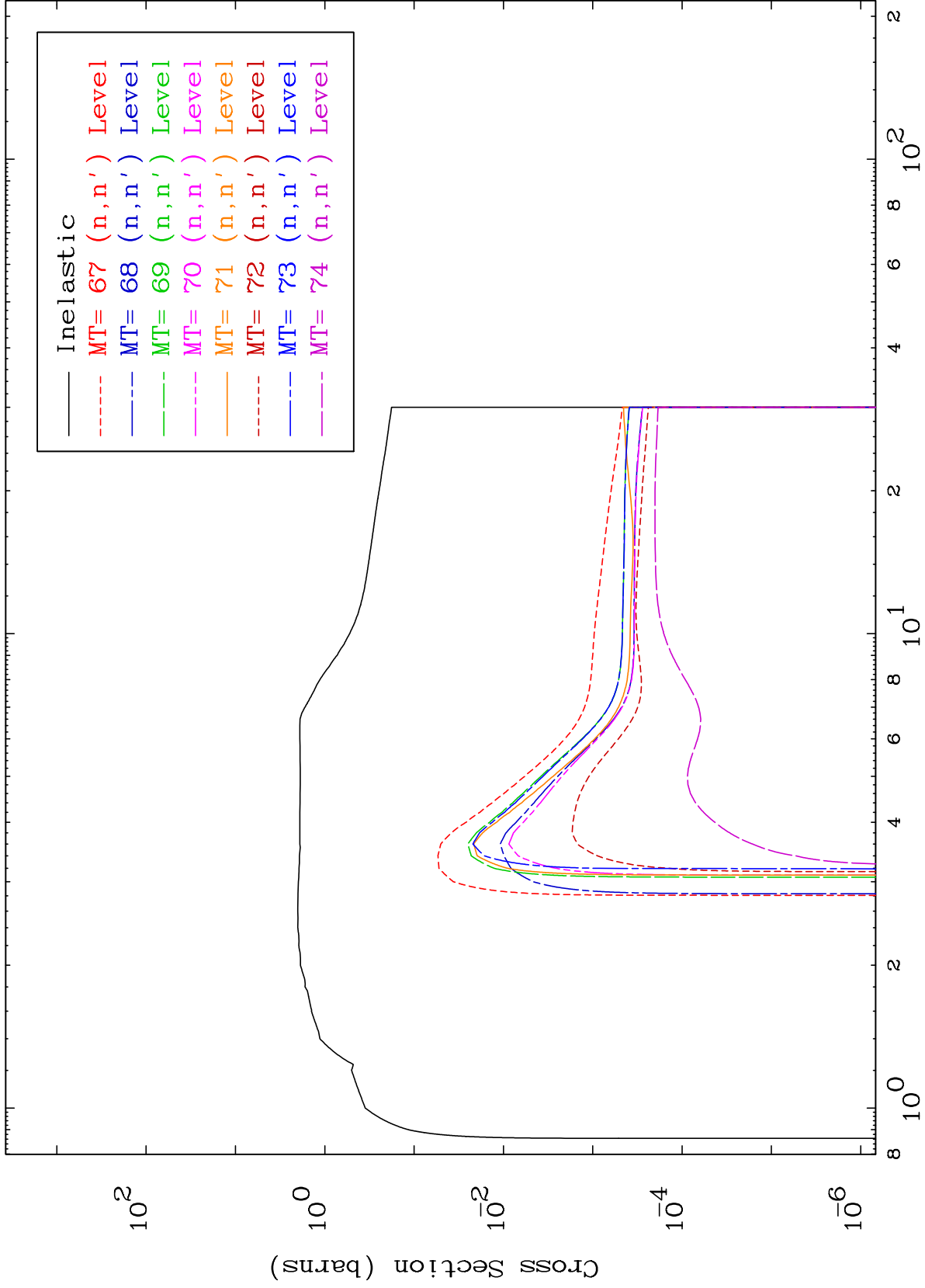


MAT 4049

(n,n') Levels

40-Zr-98

293 Kelvin Cross Sections



Incident Energy (MeV)

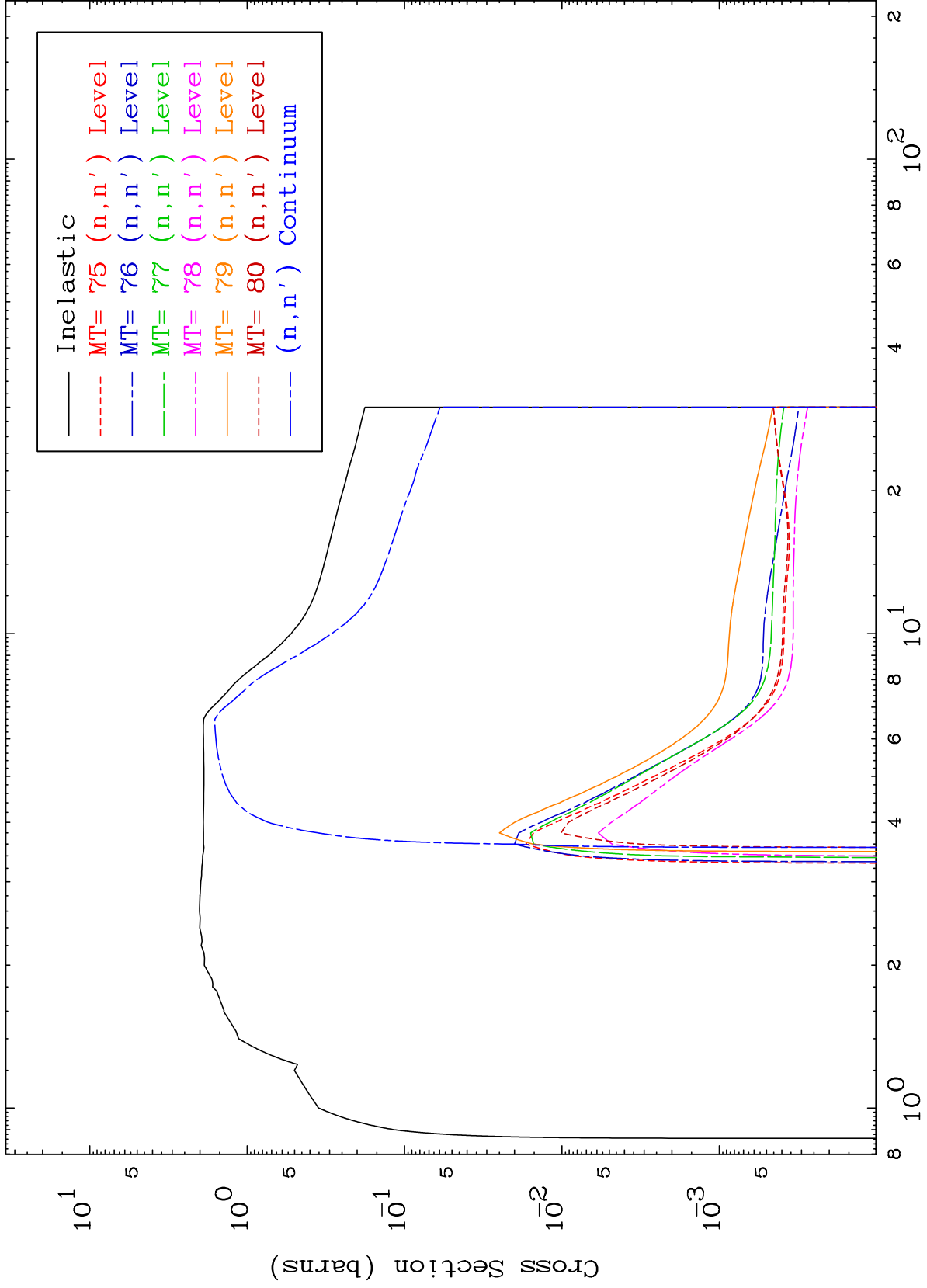
40-Zr-98

MAT 4049

(n,n') Levels

40-Zr-98

293 Kelvin Cross Sections



11

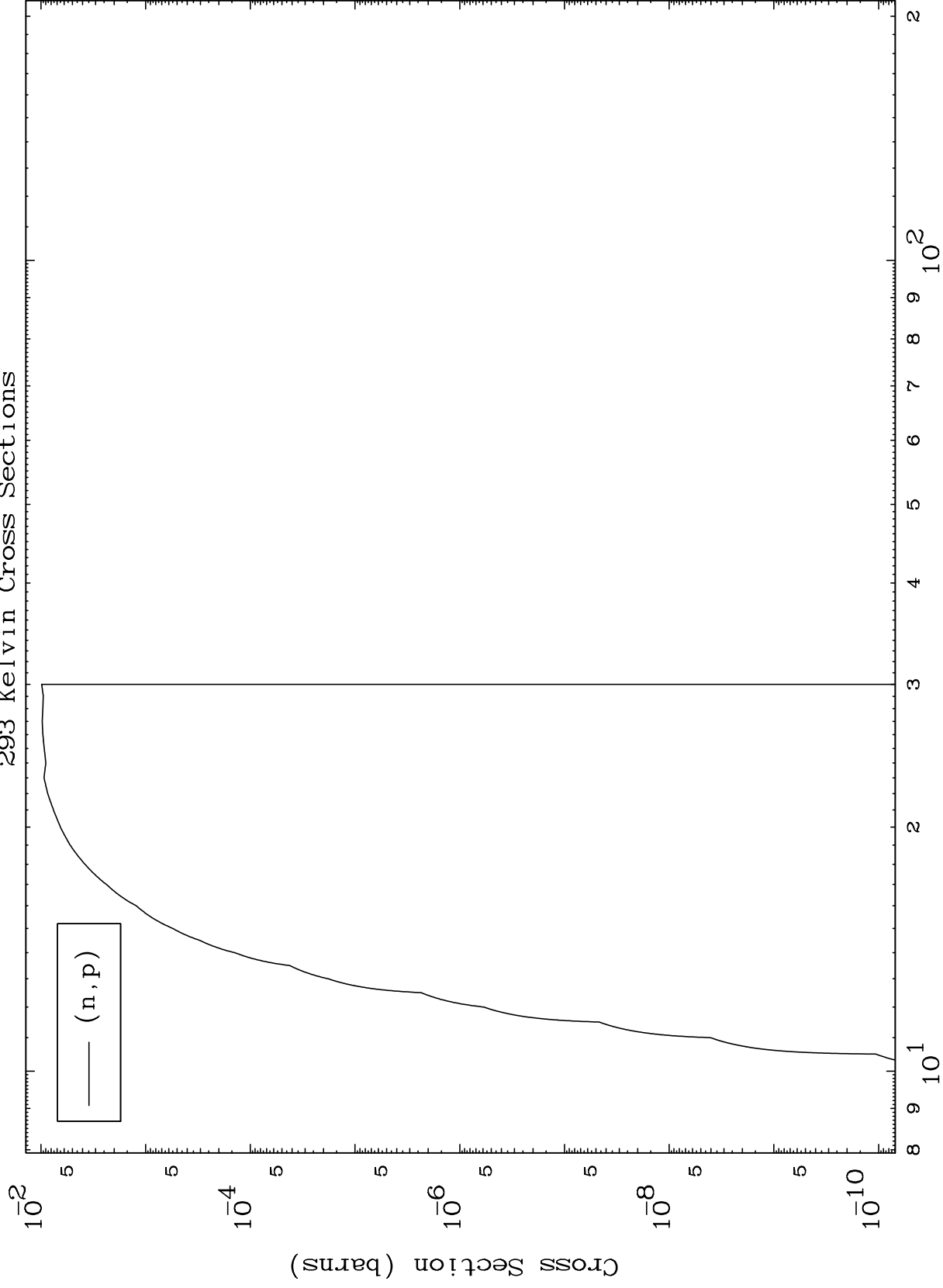
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40-Zr-98

MAT 4049

(n,p) Levels  
293 Kelvin Cross Sections

40-Zr-98



12

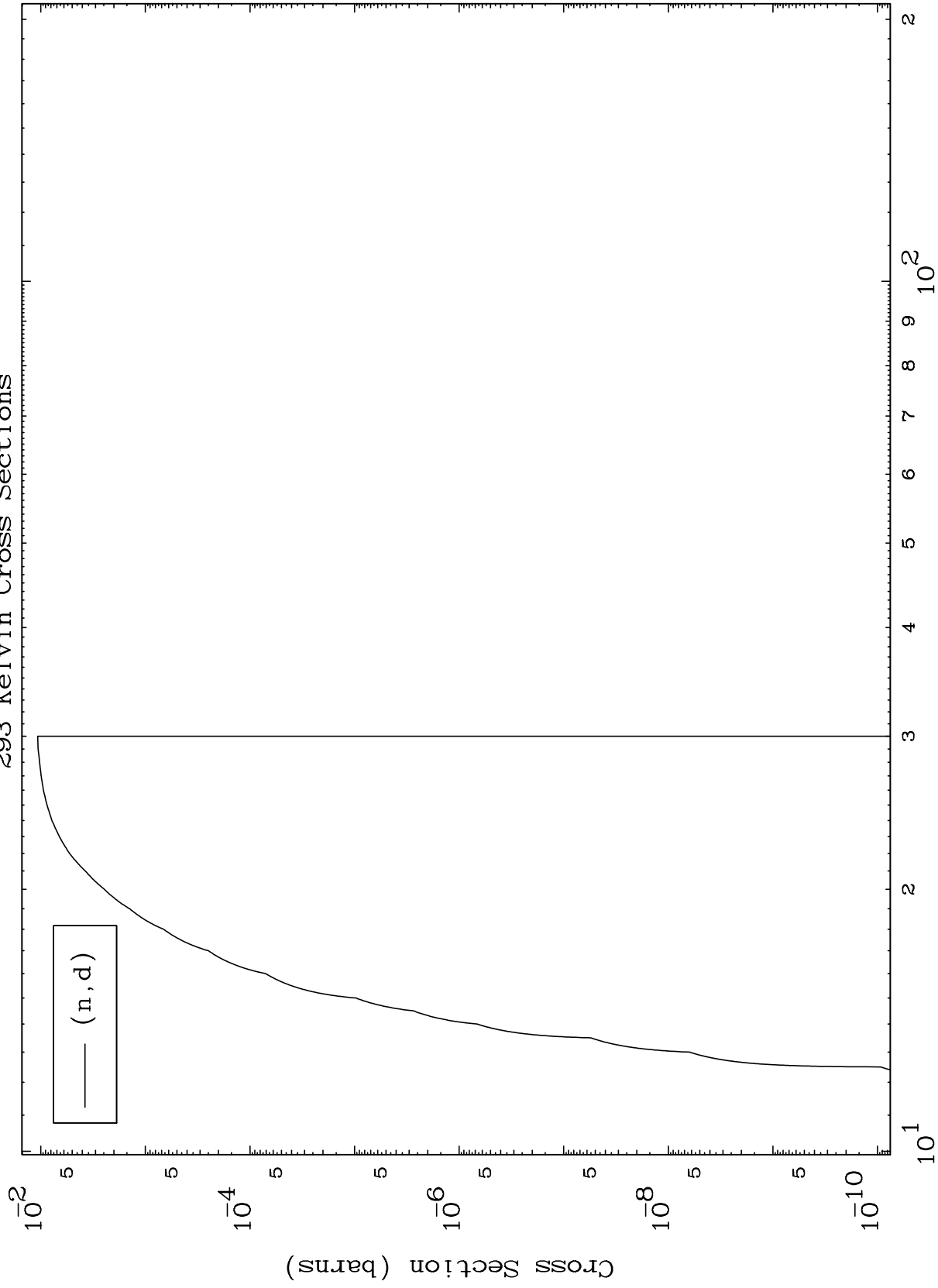
Incident Energy (MeV)

40-Zr-98

MAT 4049

(n,d) Levels  
293 Kelvin Cross Sections

40-Zr-98



Incident Energy (MeV)

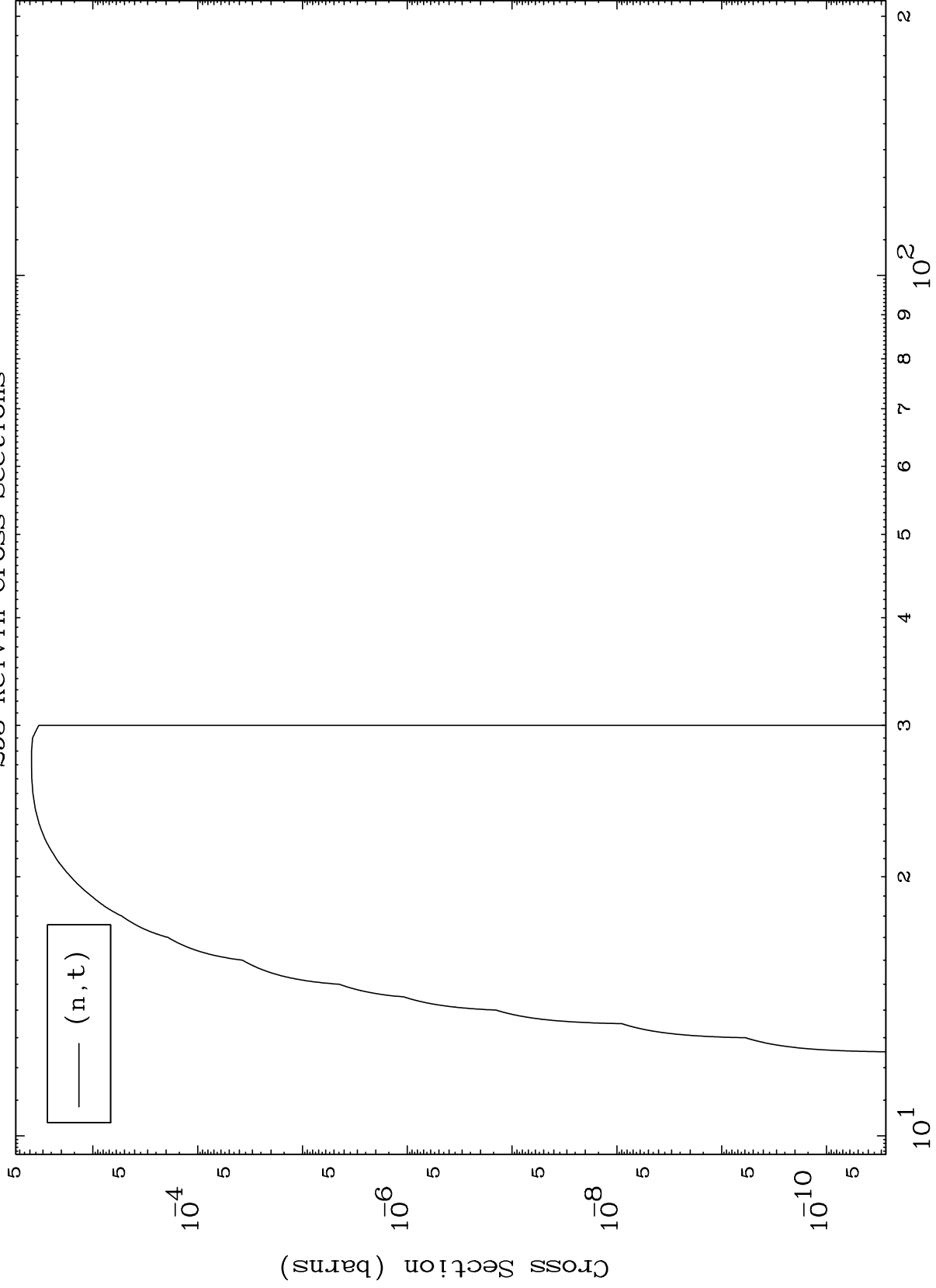
40-Zr-98

13

MAT 4049

(n,t) Levels  
293 Kelvin Cross Sections

40-Zr-98



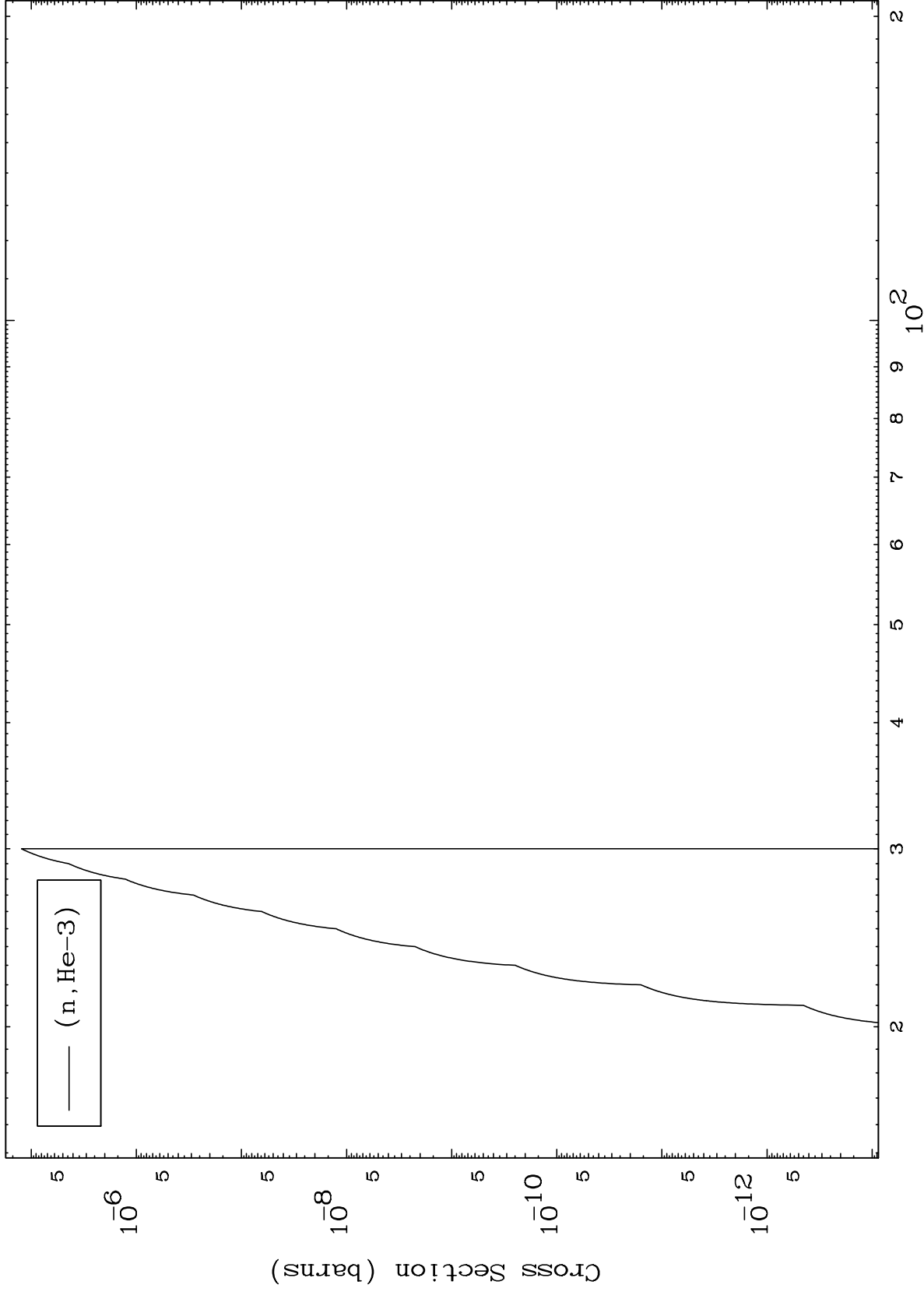
Incident Energy (MeV)

40-Zr-98

MAT 4049

(n,He3) Levels  
293 Kelvin Cross Sections

40-Zr-98



15

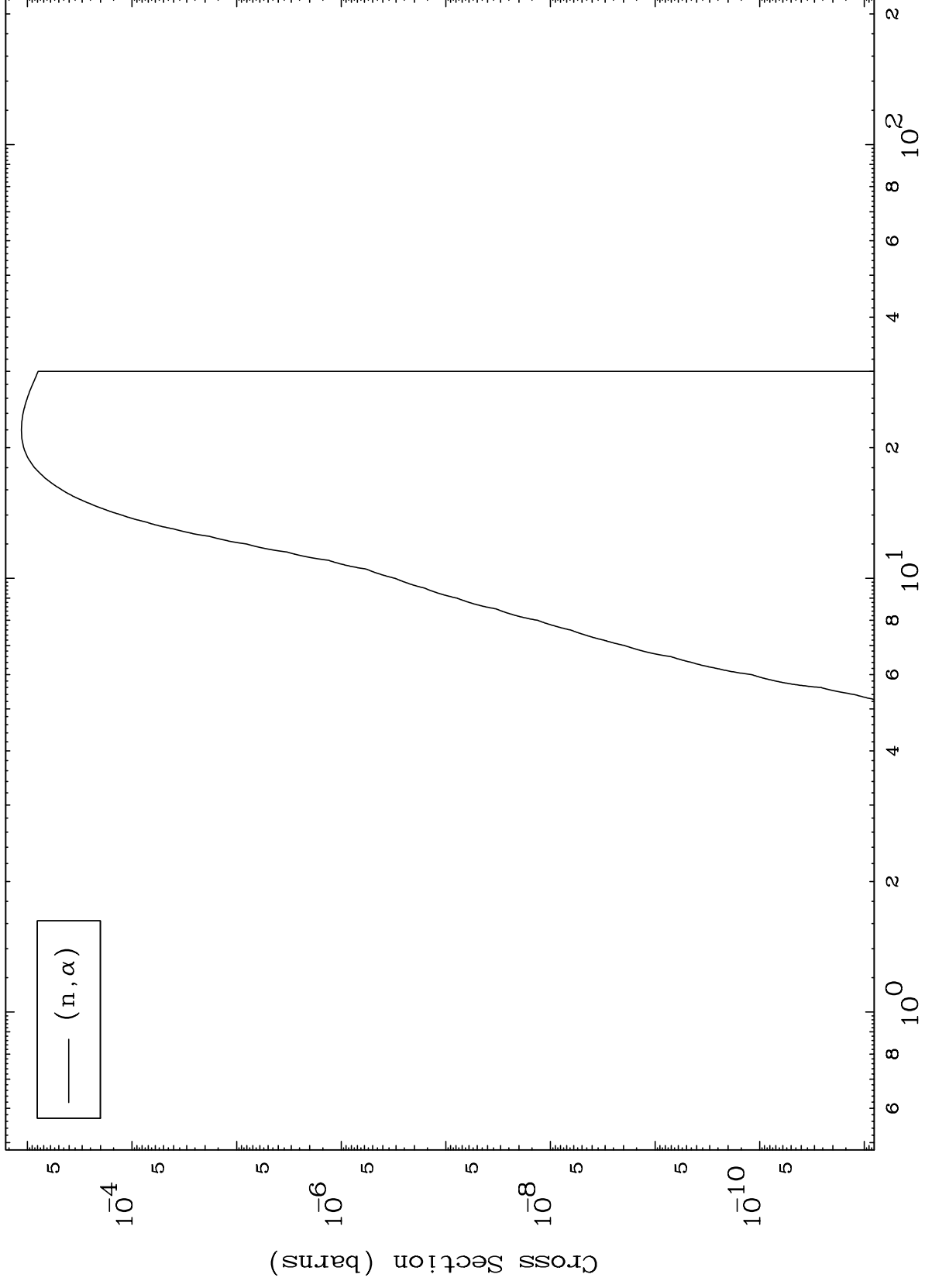
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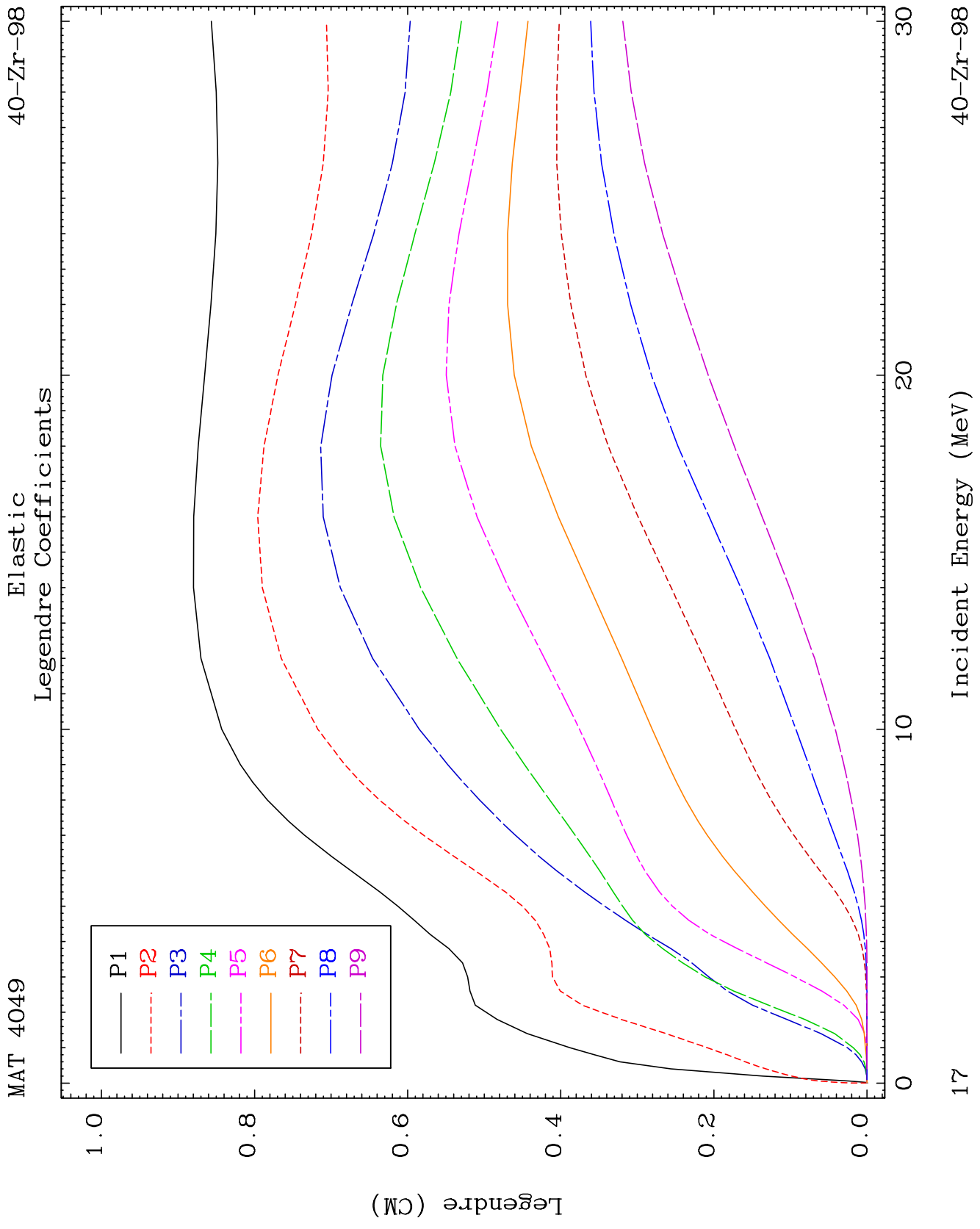
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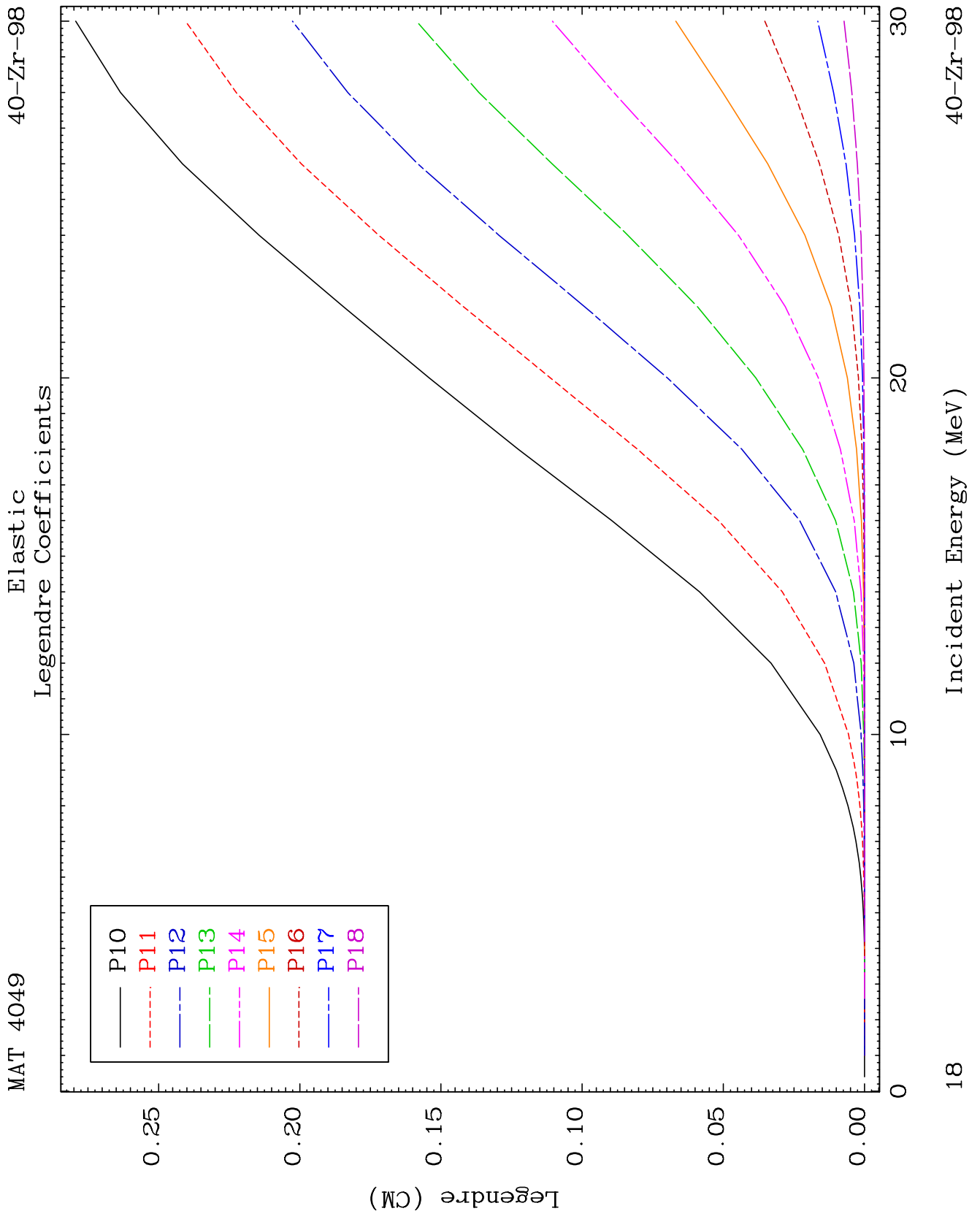
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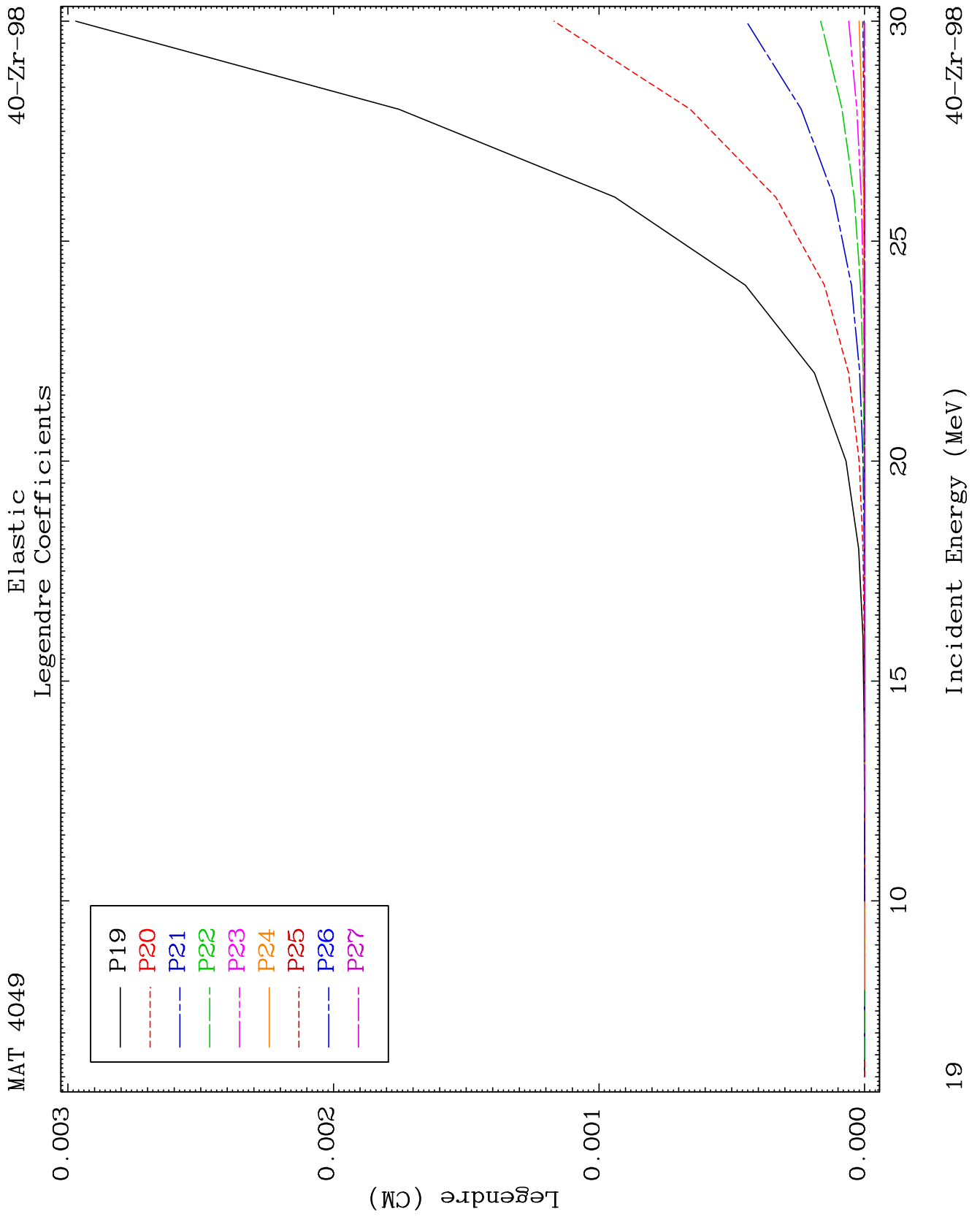
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

40-Zr-98





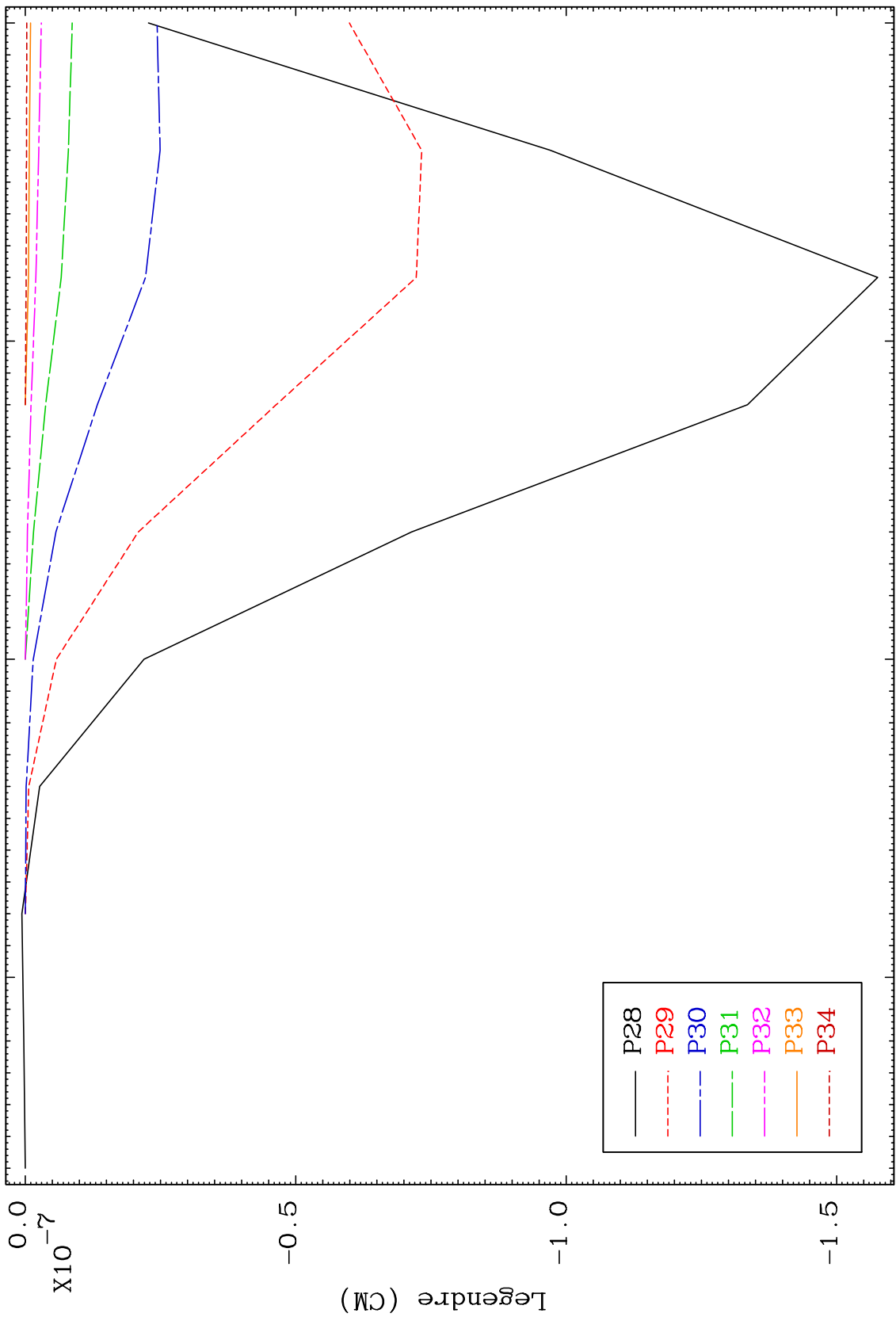




MAT 4049

40-Zr-98

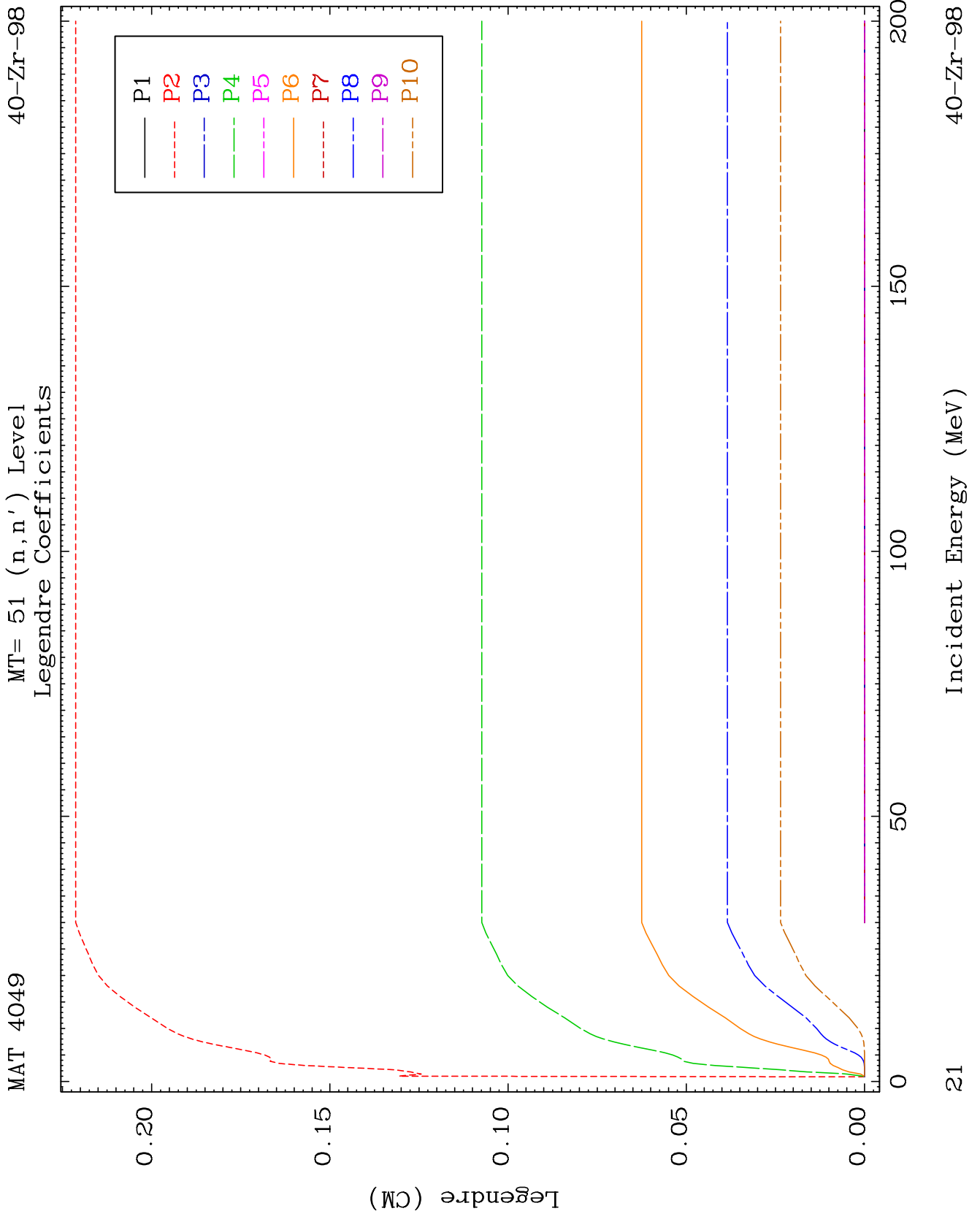
Elastic Legendre Coefficients

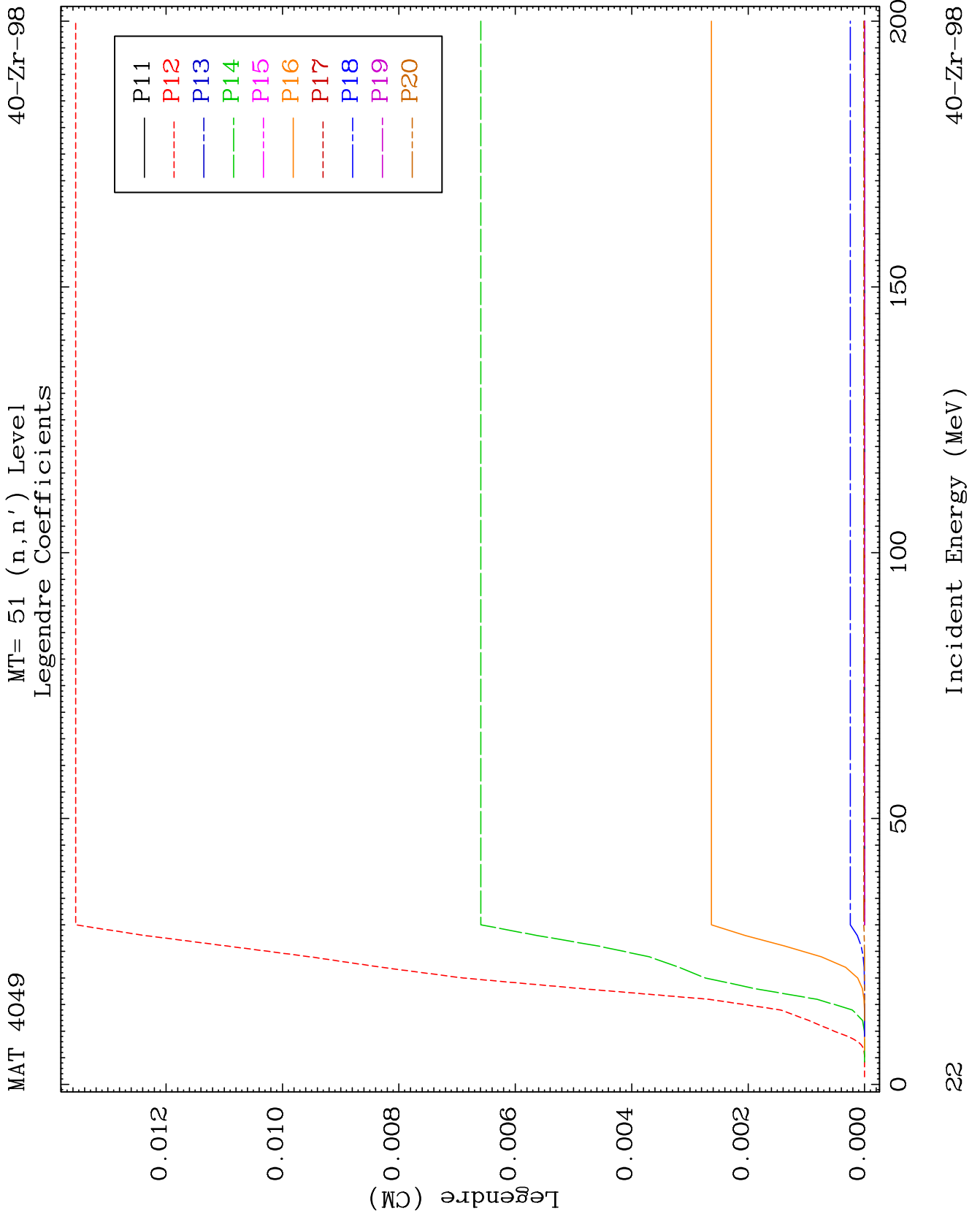


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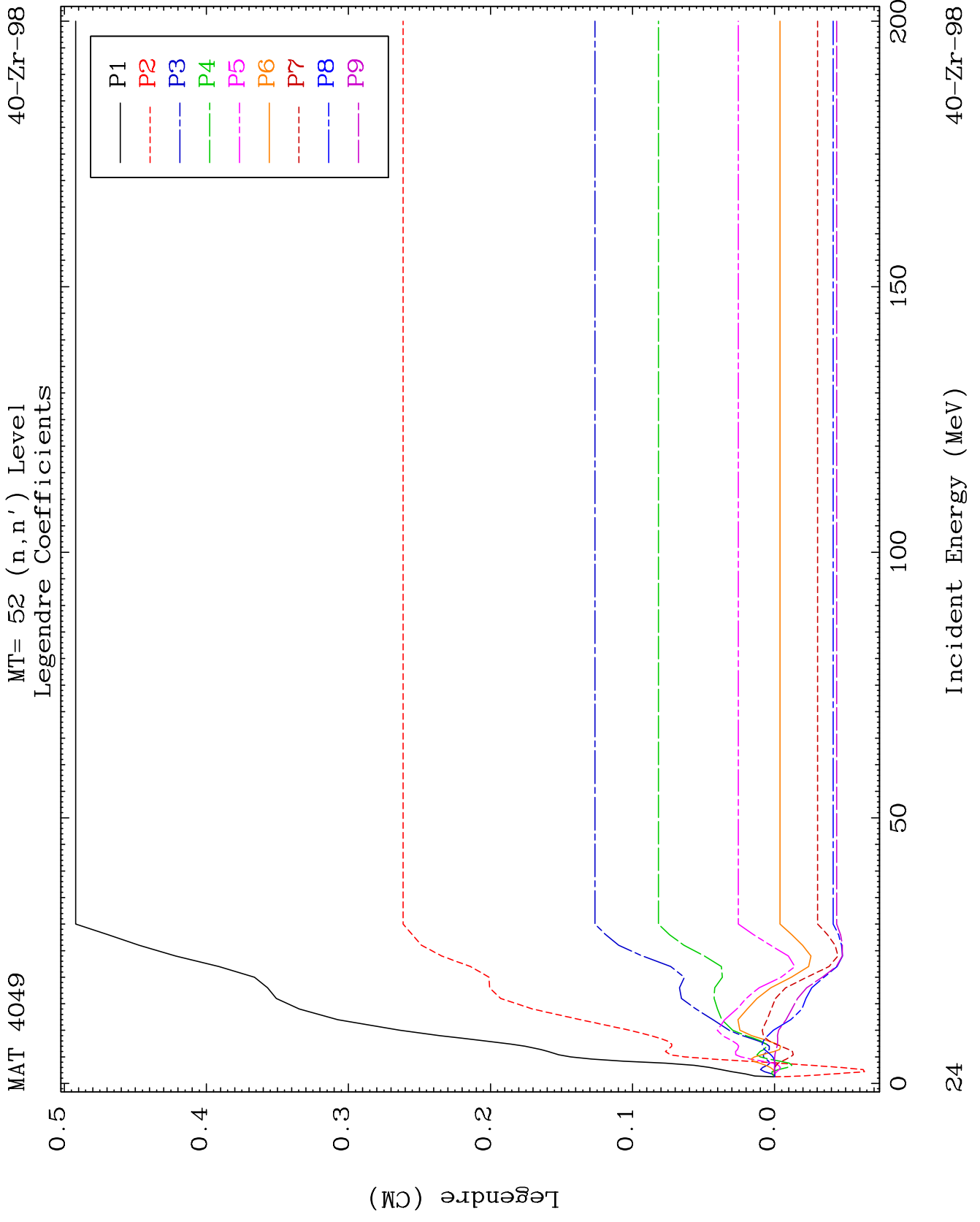
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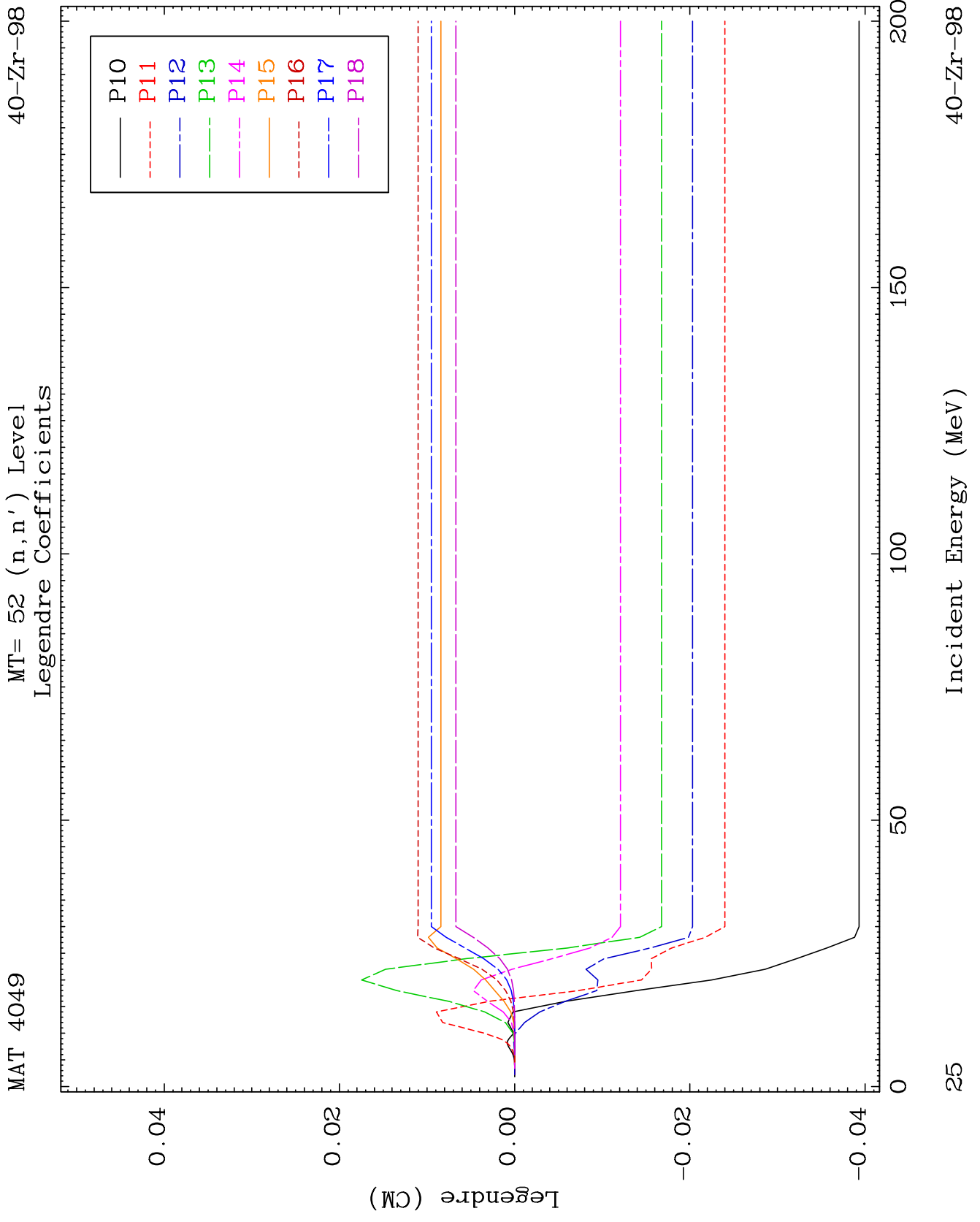
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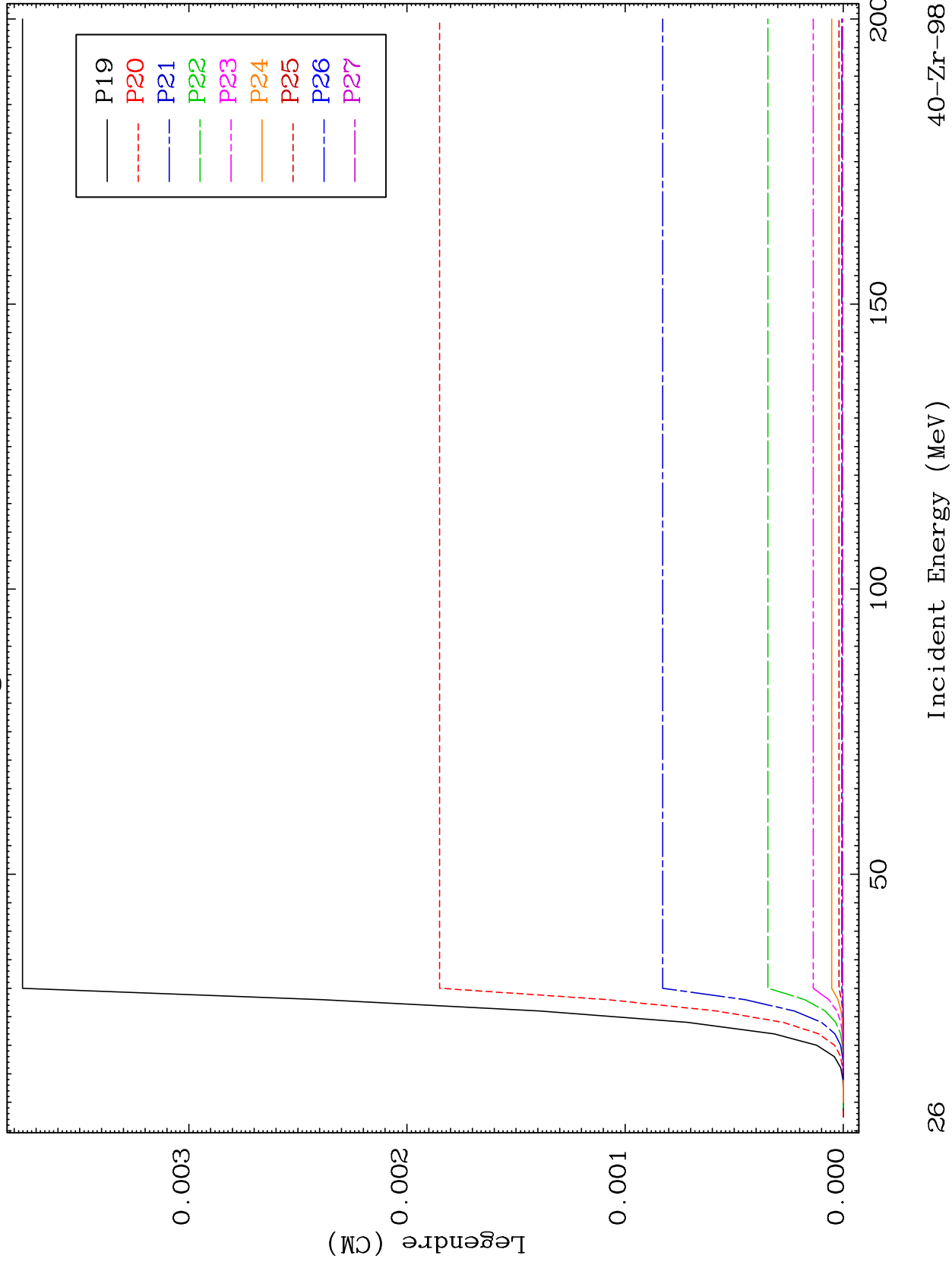




MAT 4049

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

40-Zr-98



26

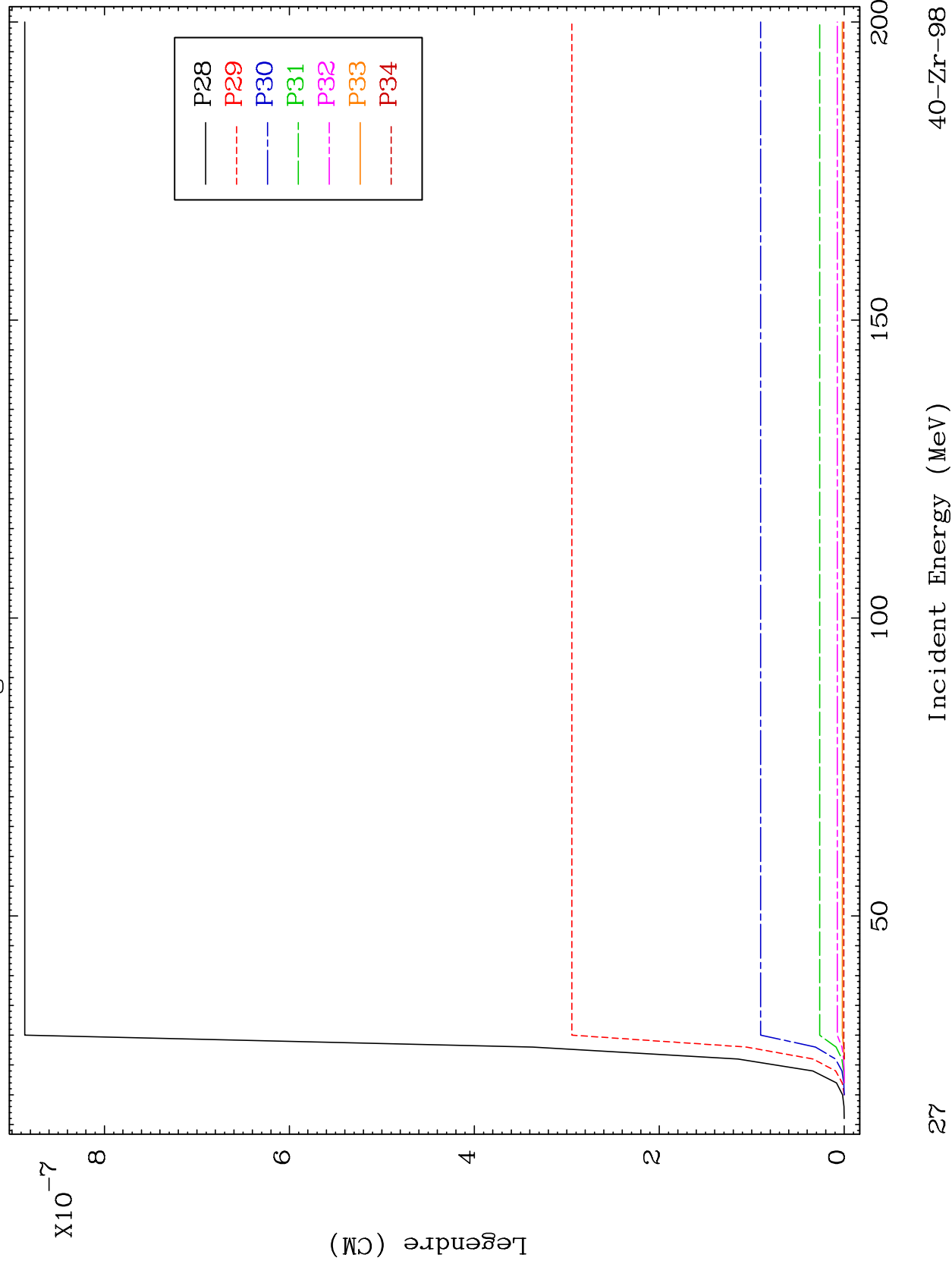
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

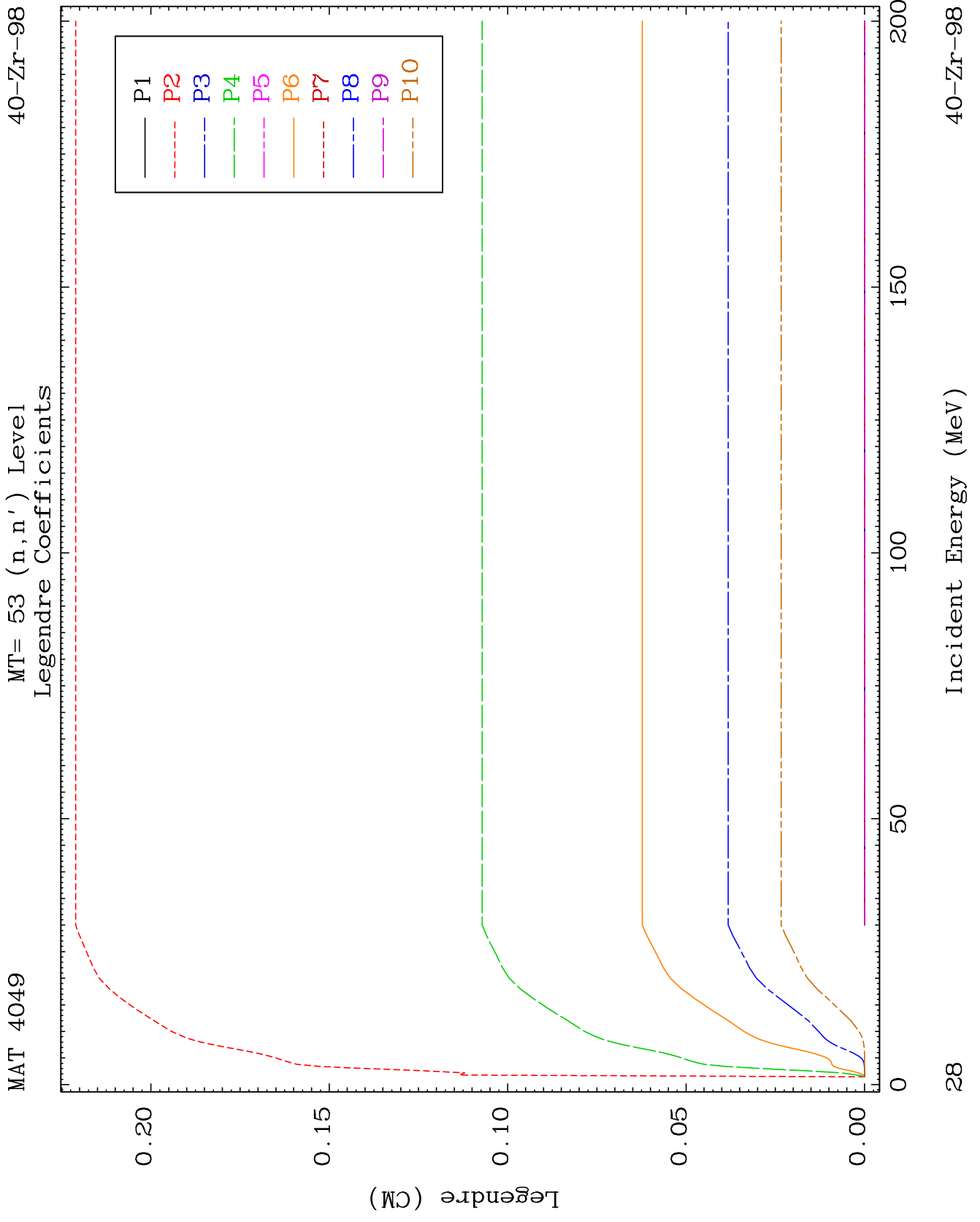
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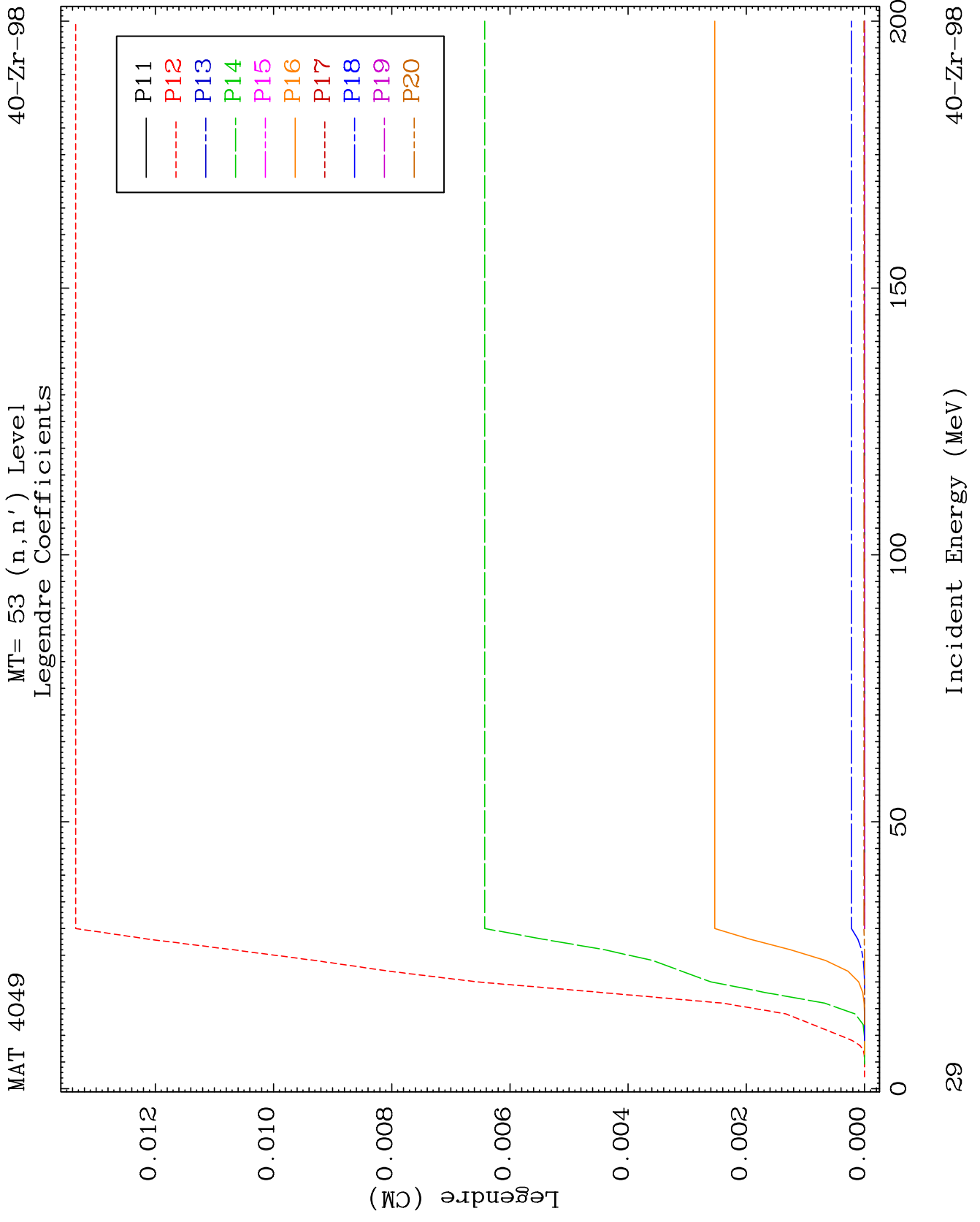


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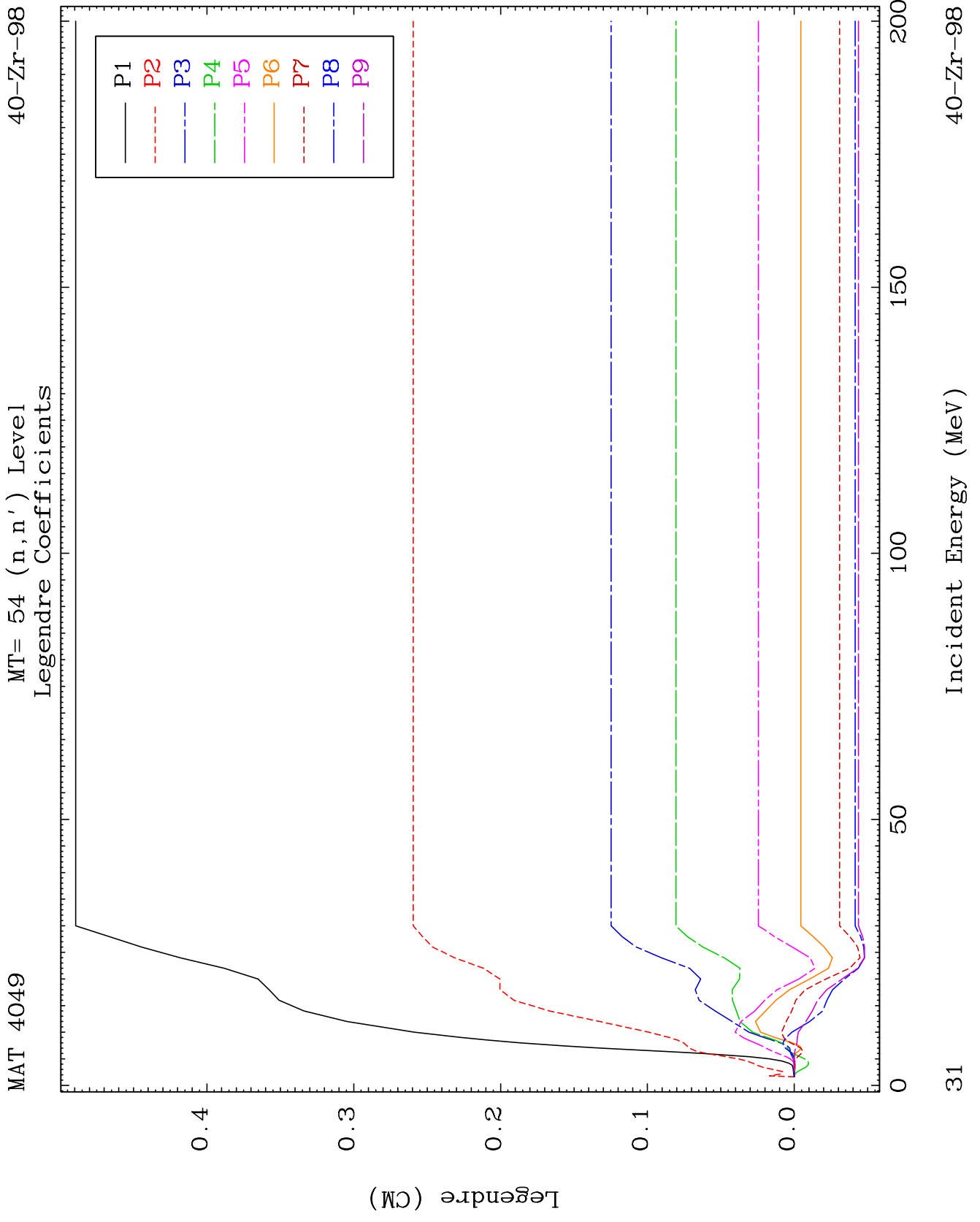
Incident Energy (MeV)

40-Zr-98





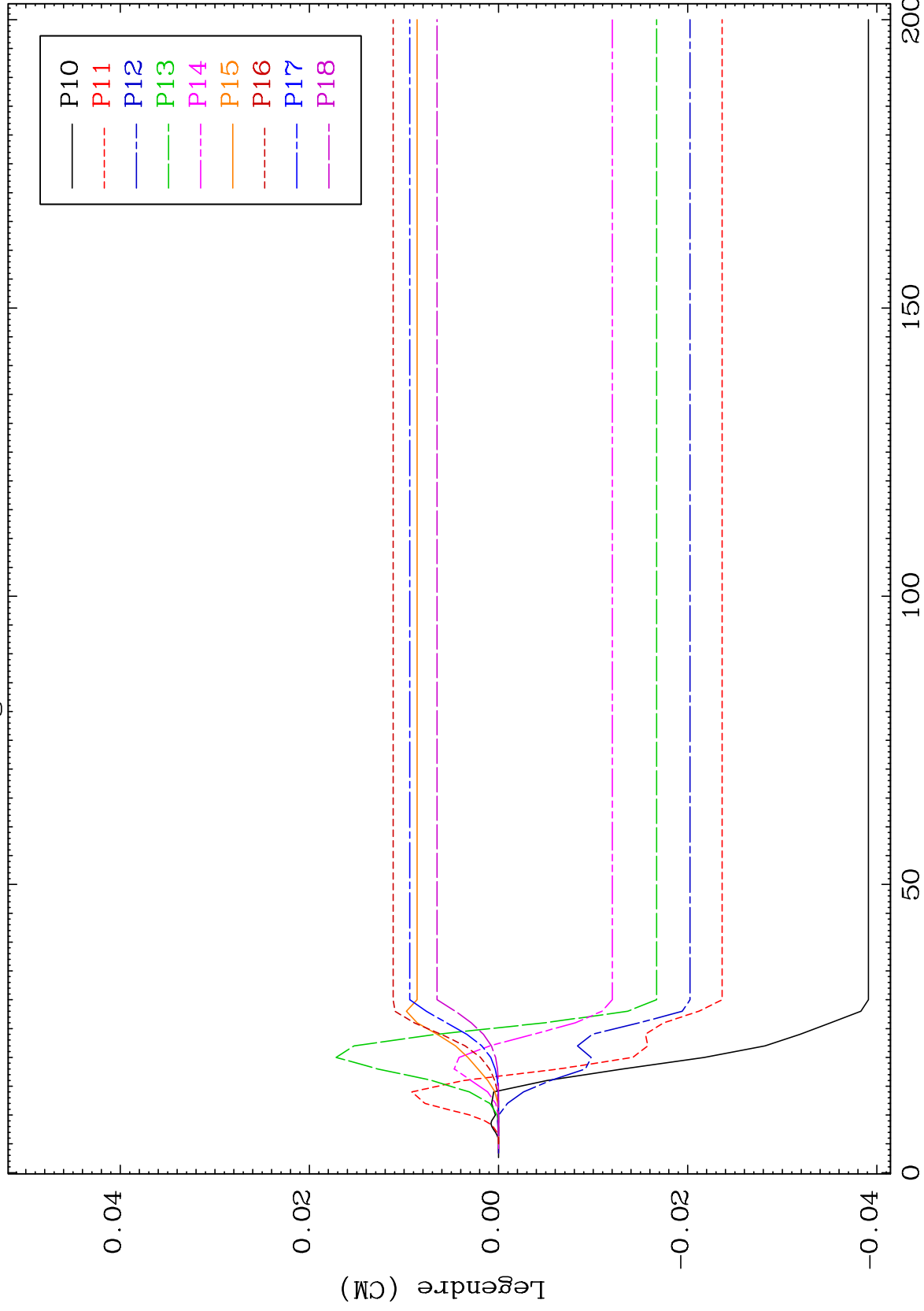




MAT 4049

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

40-Zr-98



32

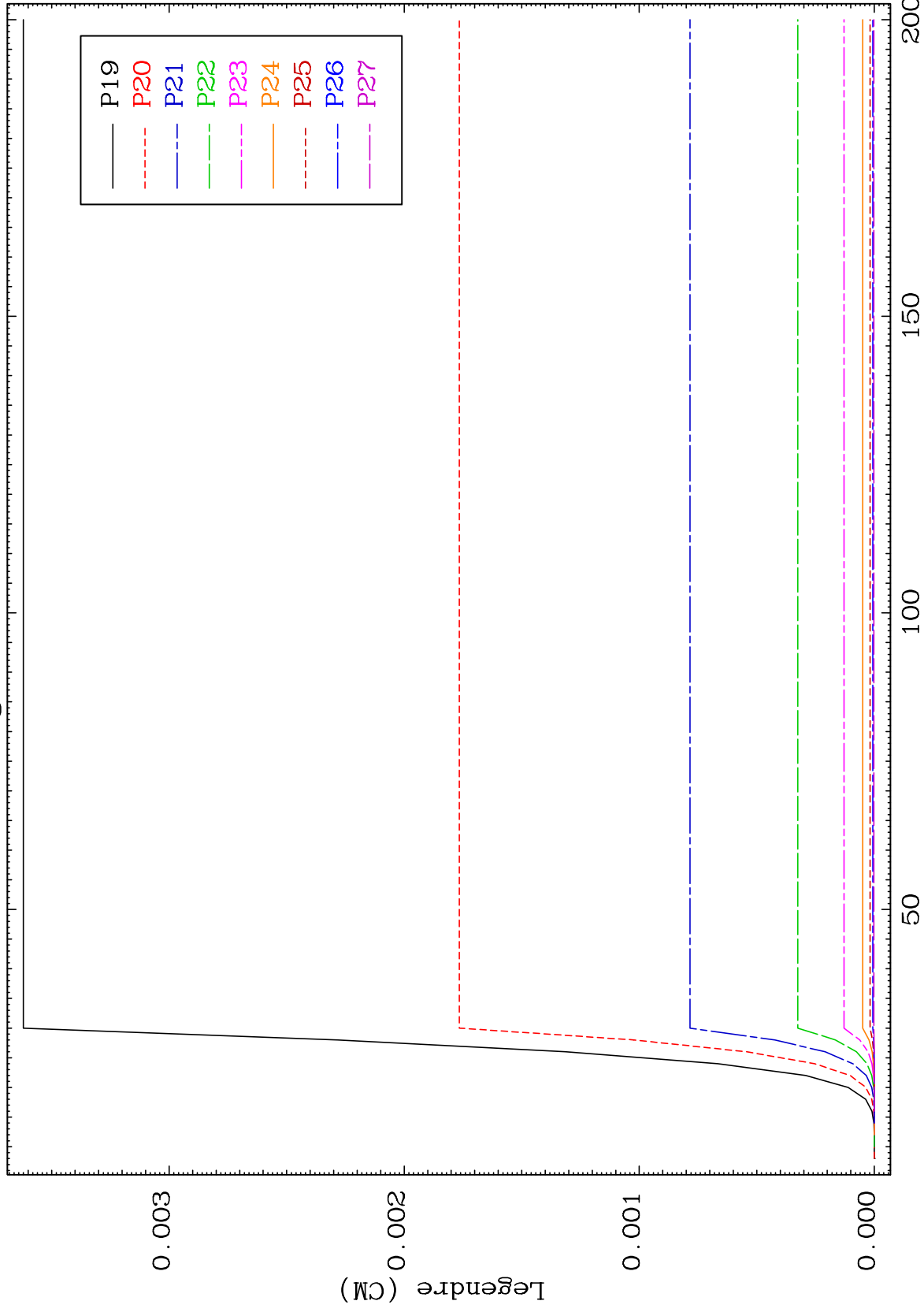
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

40-Zr-98



33

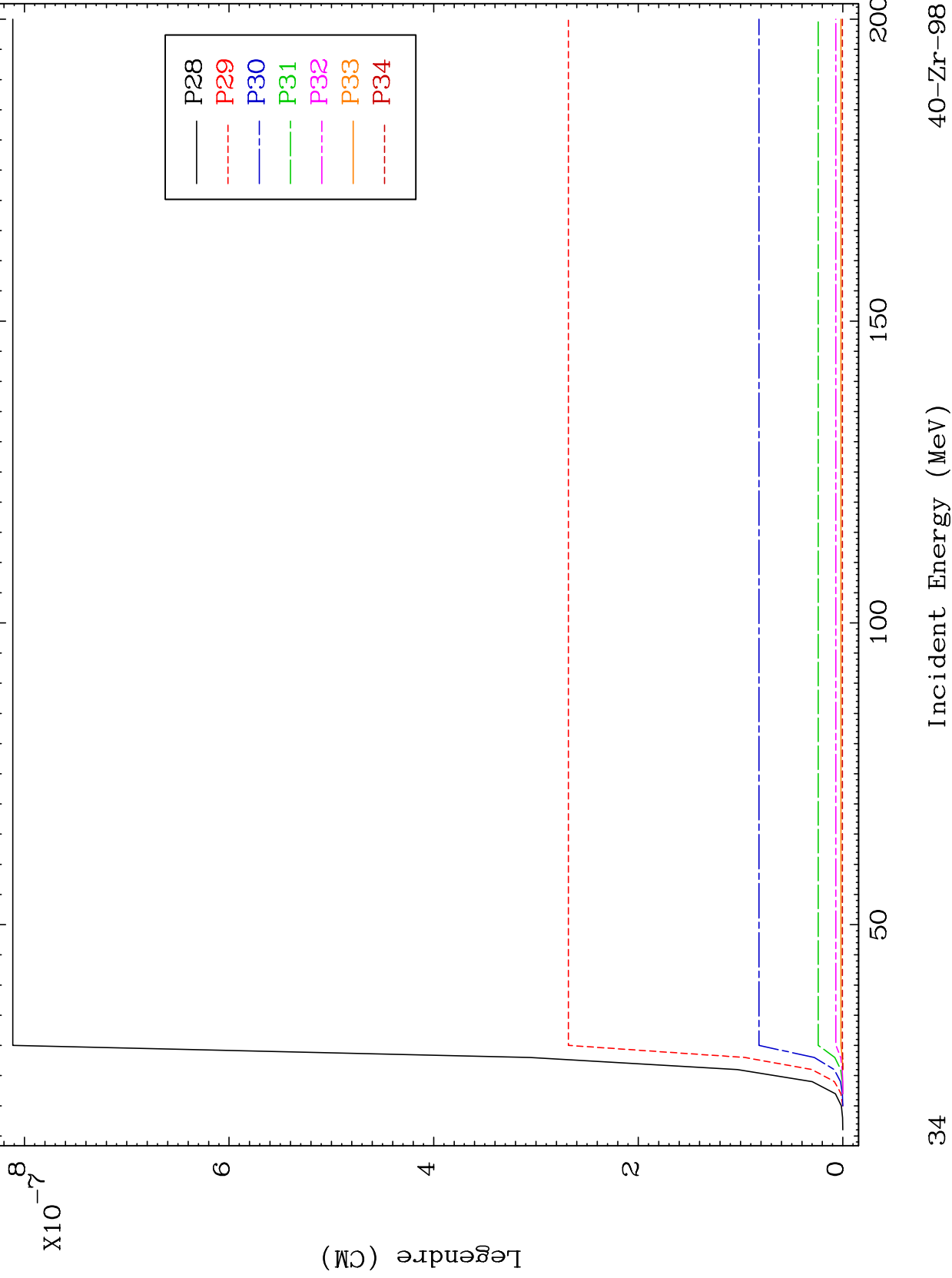
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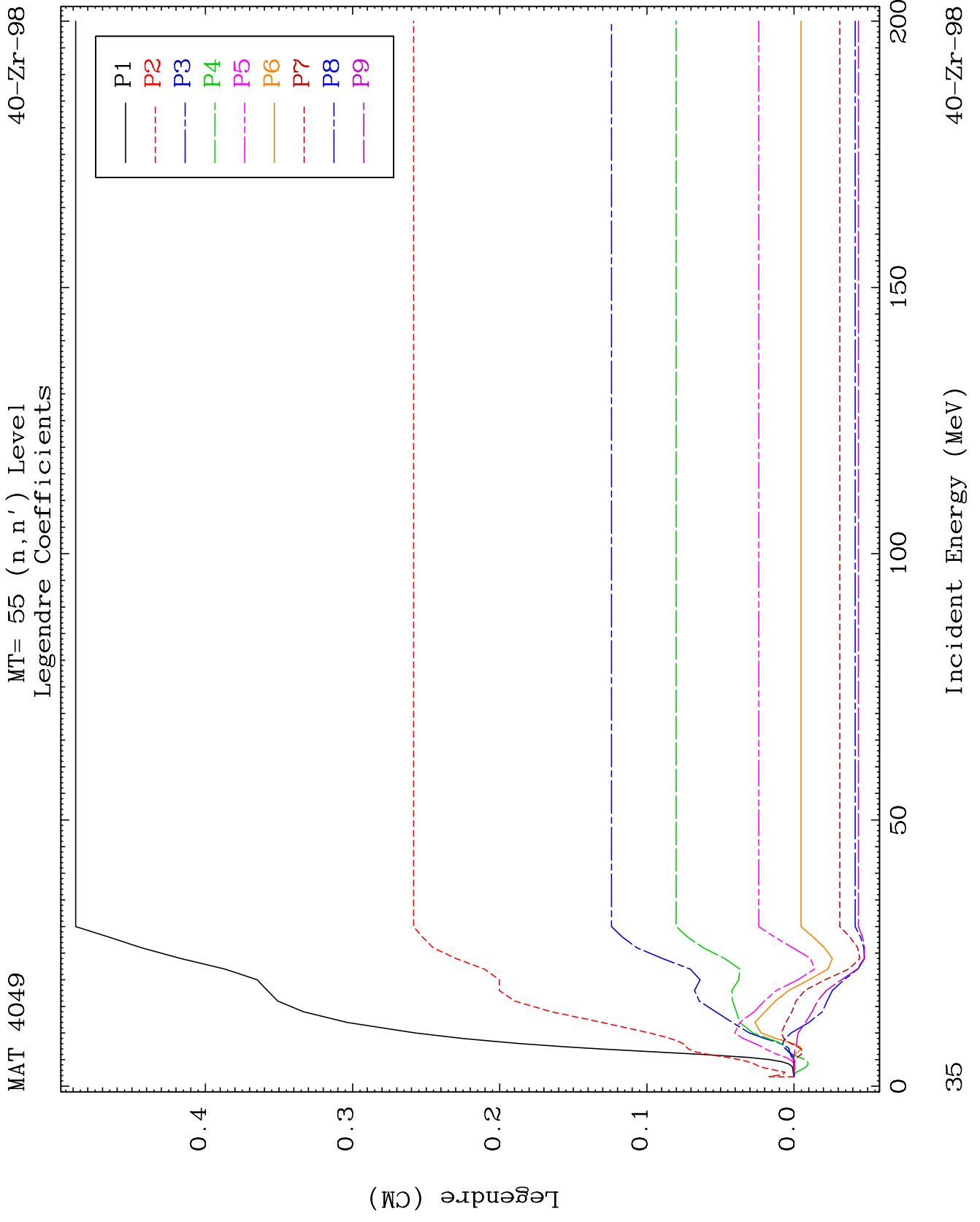
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MAT 4049

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

40-Zr-98

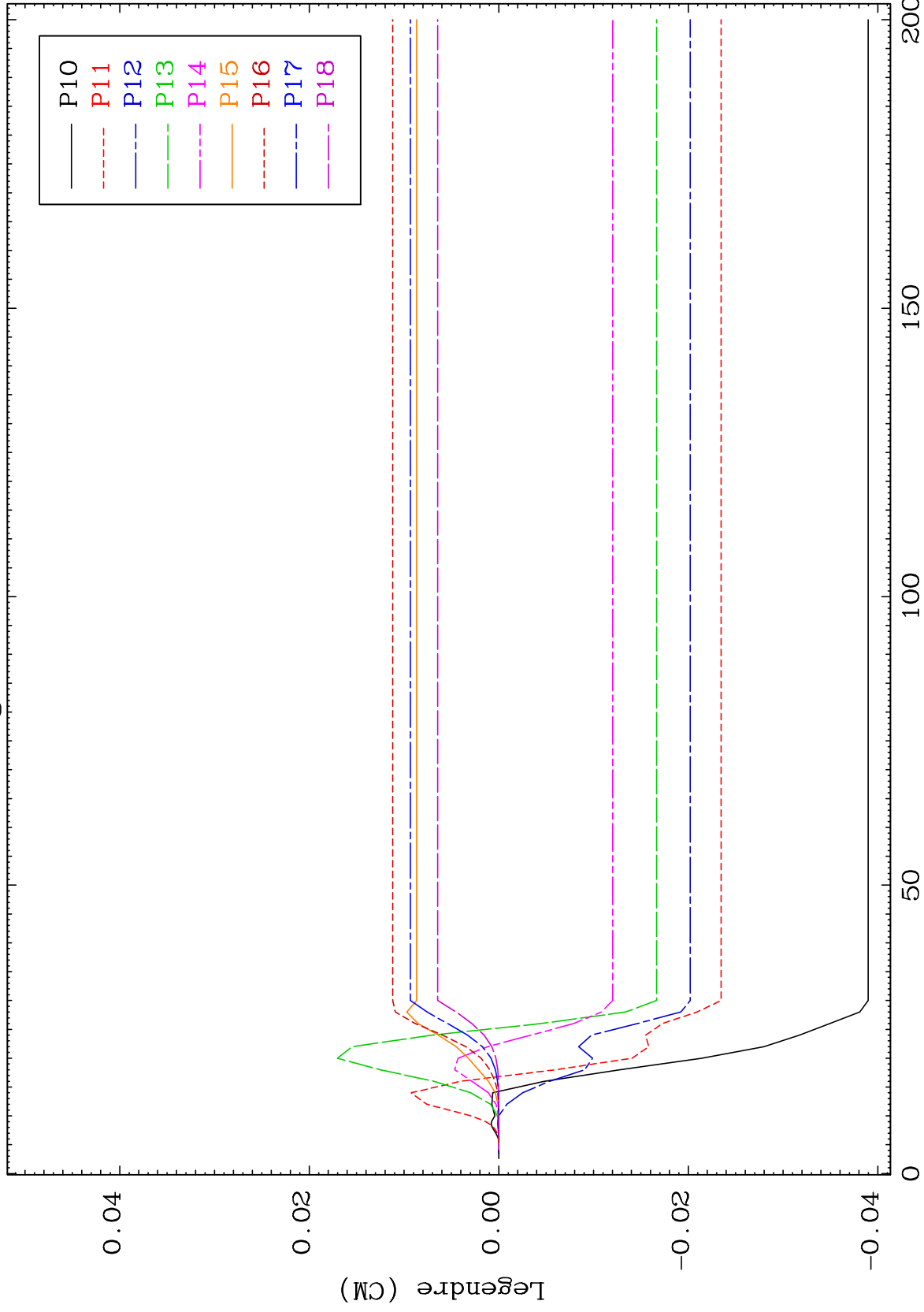




MAT 4049

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

40-Zr-98



36

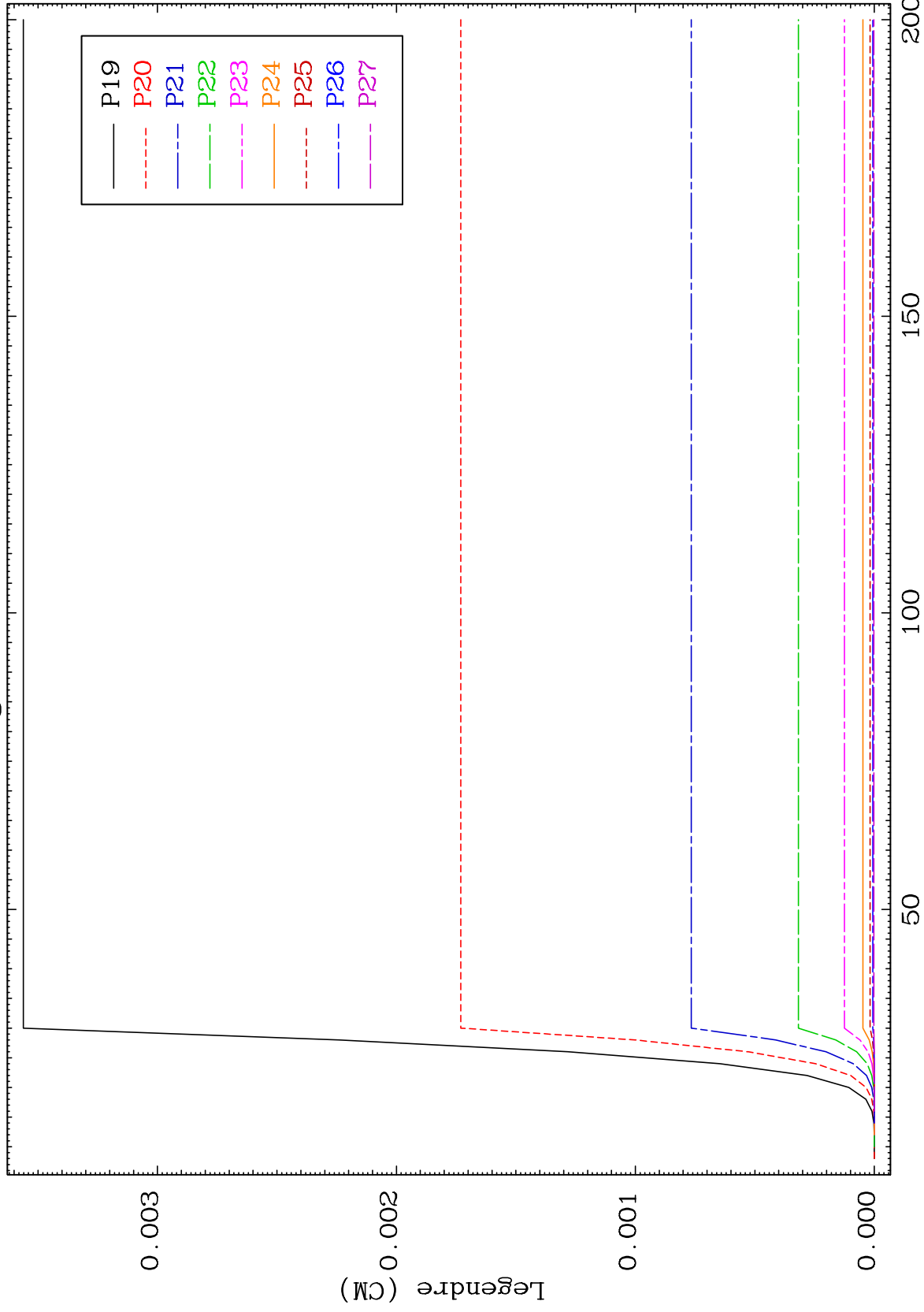
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

40-Zr-98



37

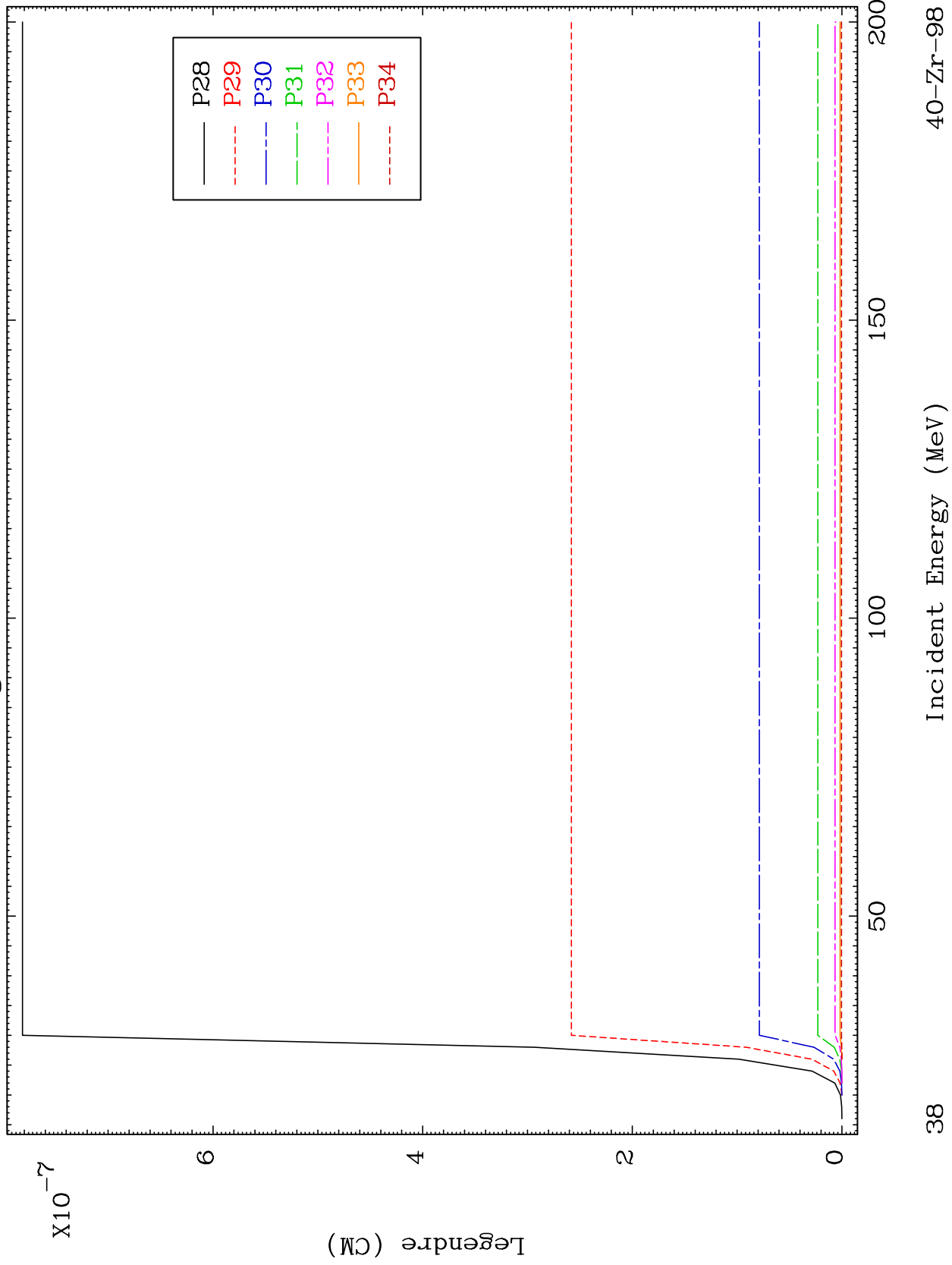
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

40-Zr-98

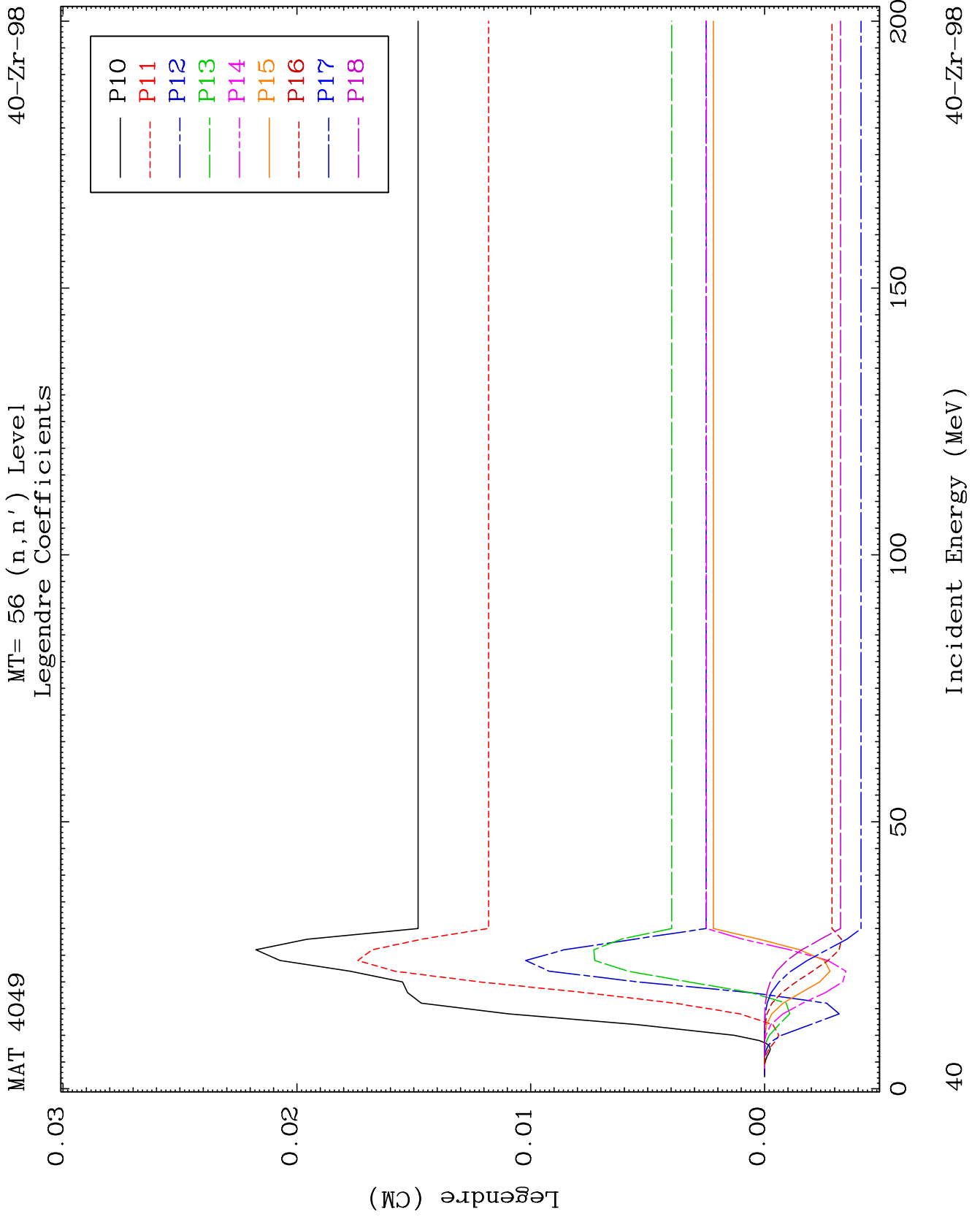


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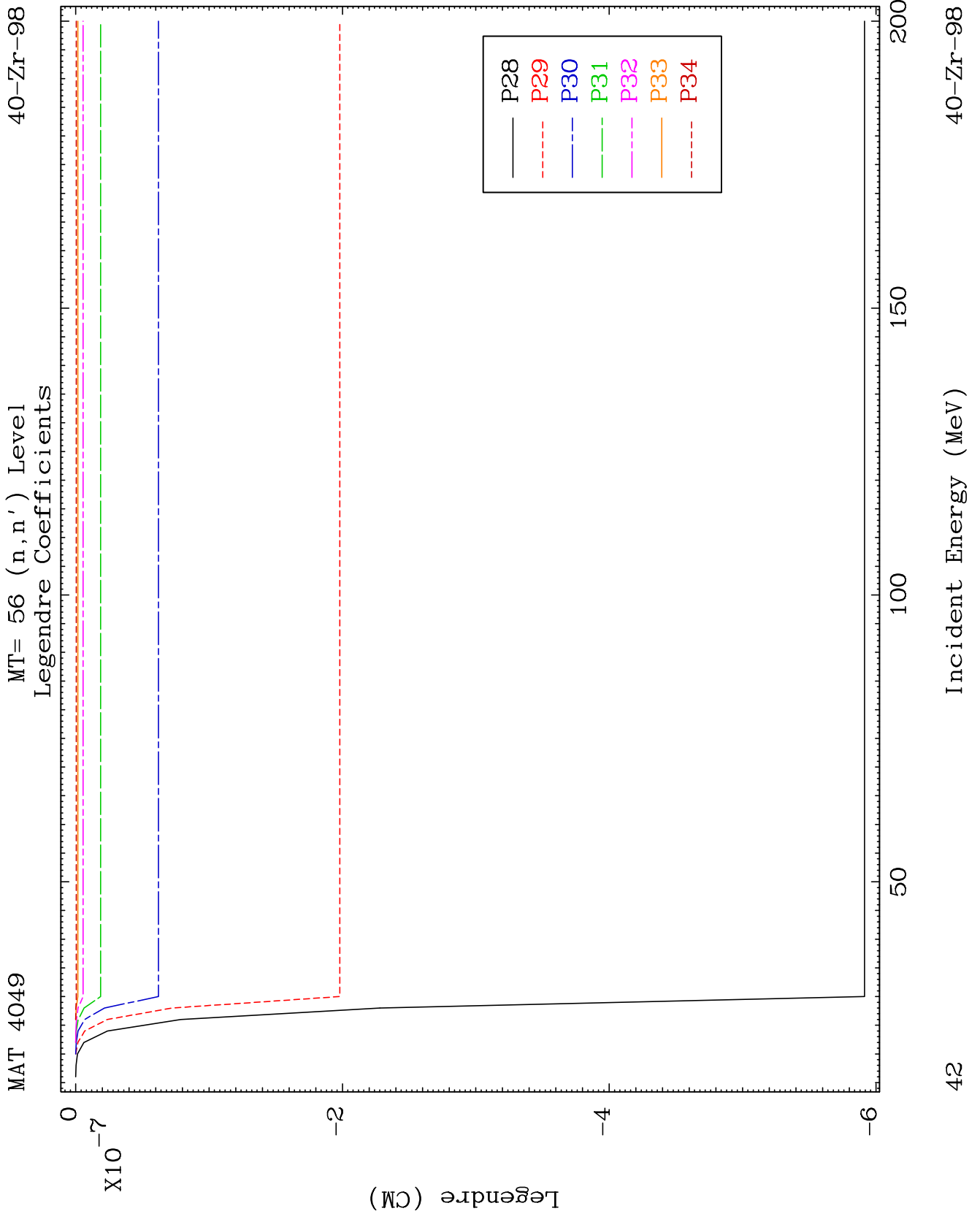
Incident Energy (MeV)

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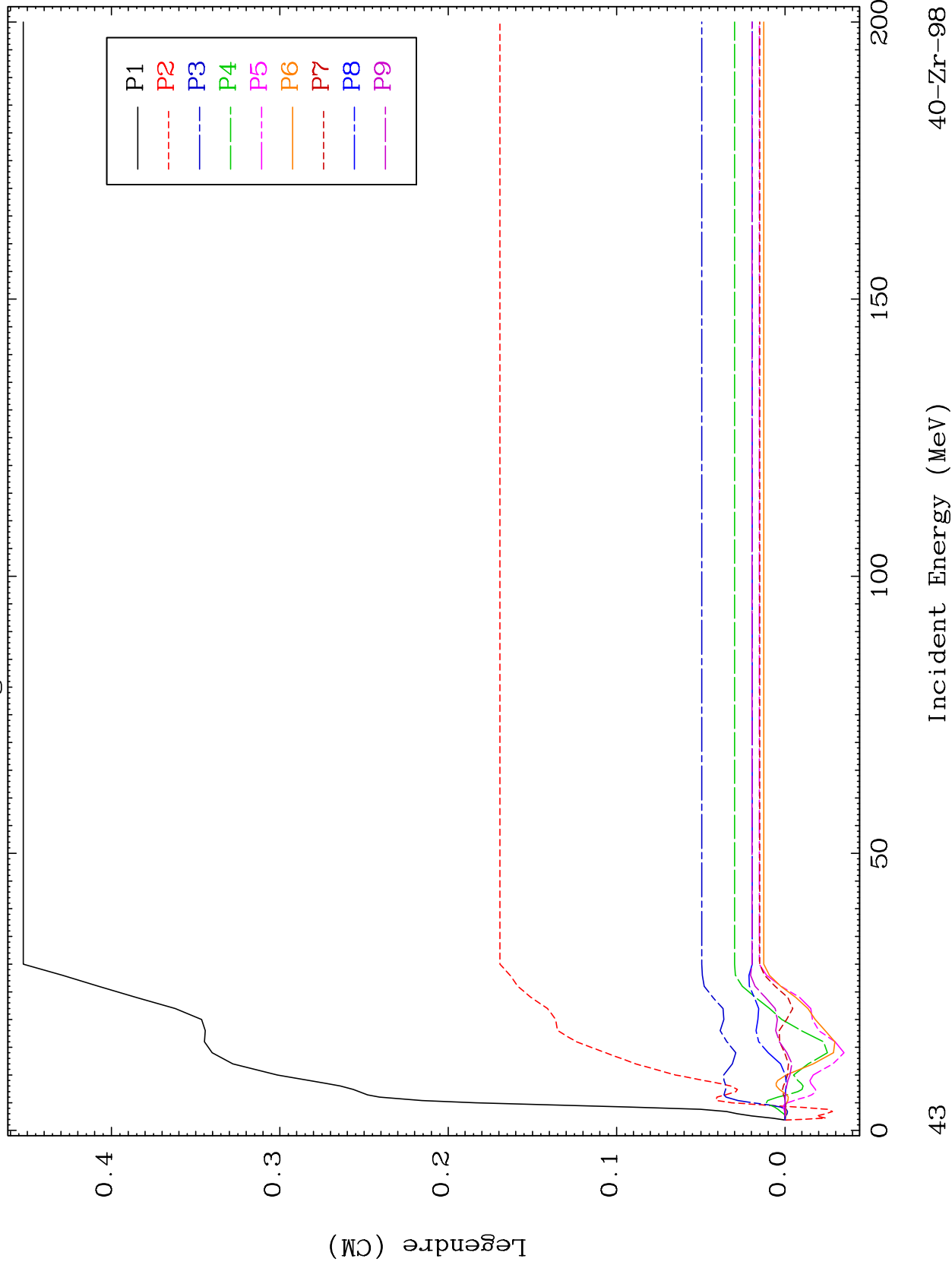




MAT 4049

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

40-Zr-98



43

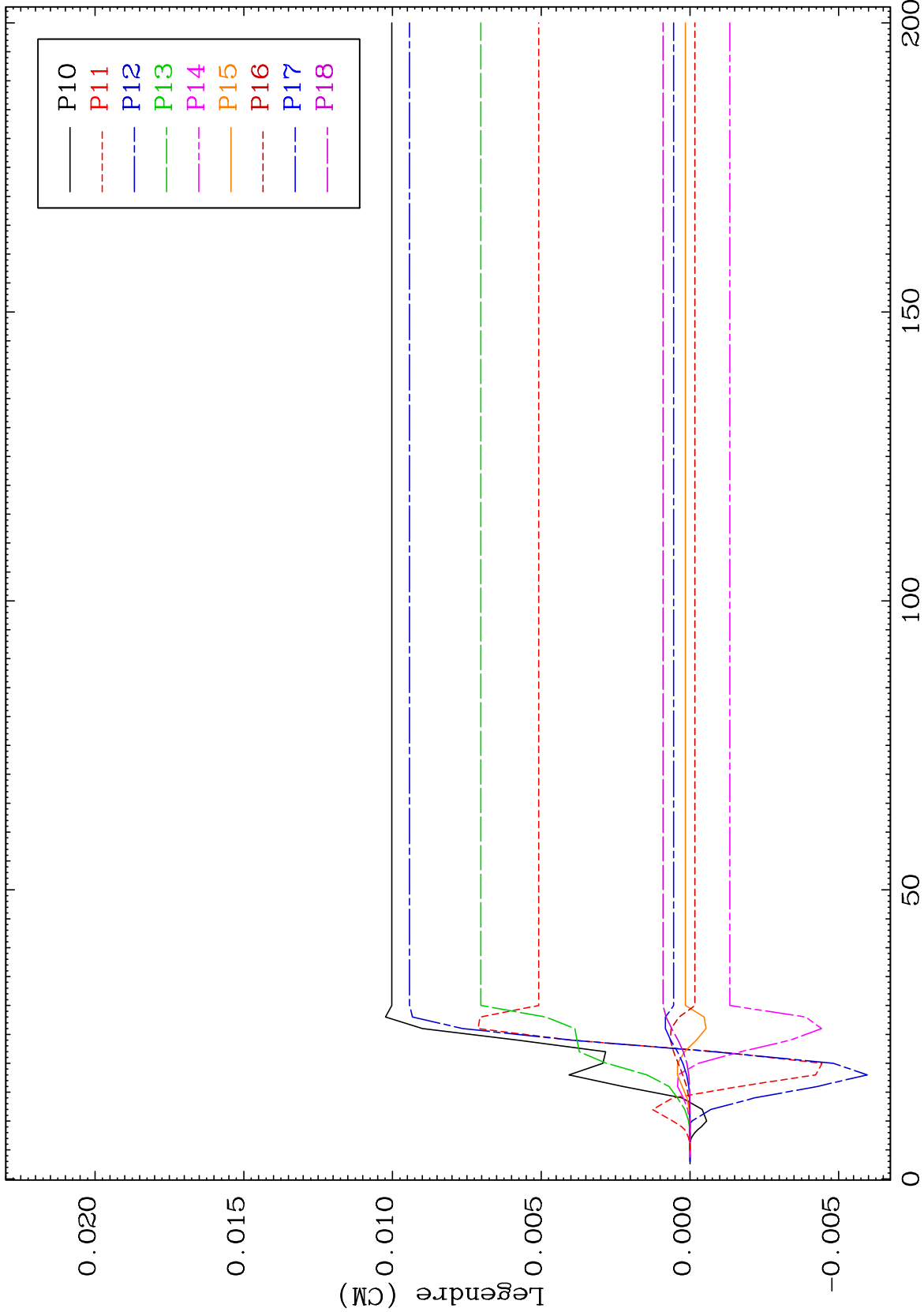
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

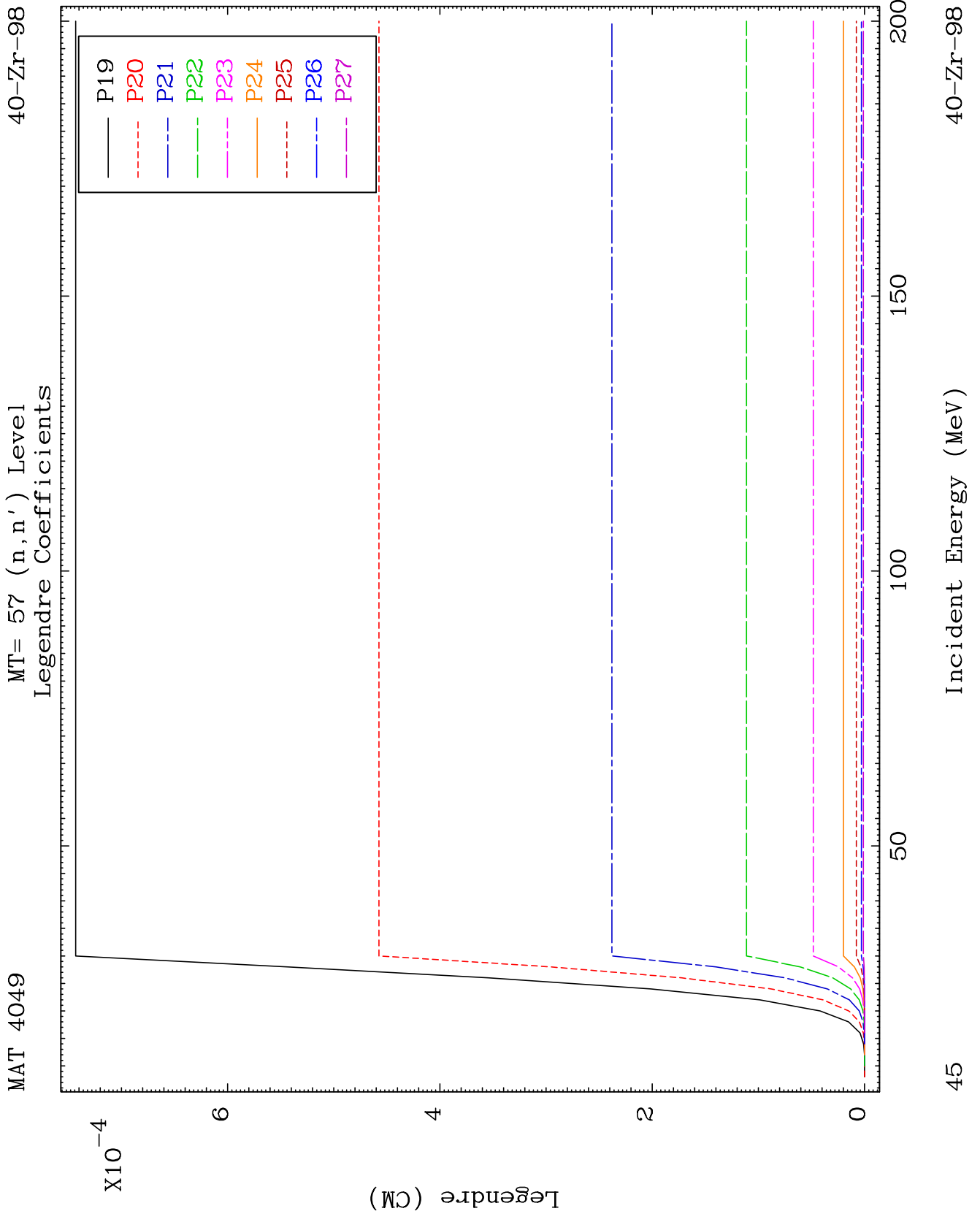
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44

Incident Energy (MeV)

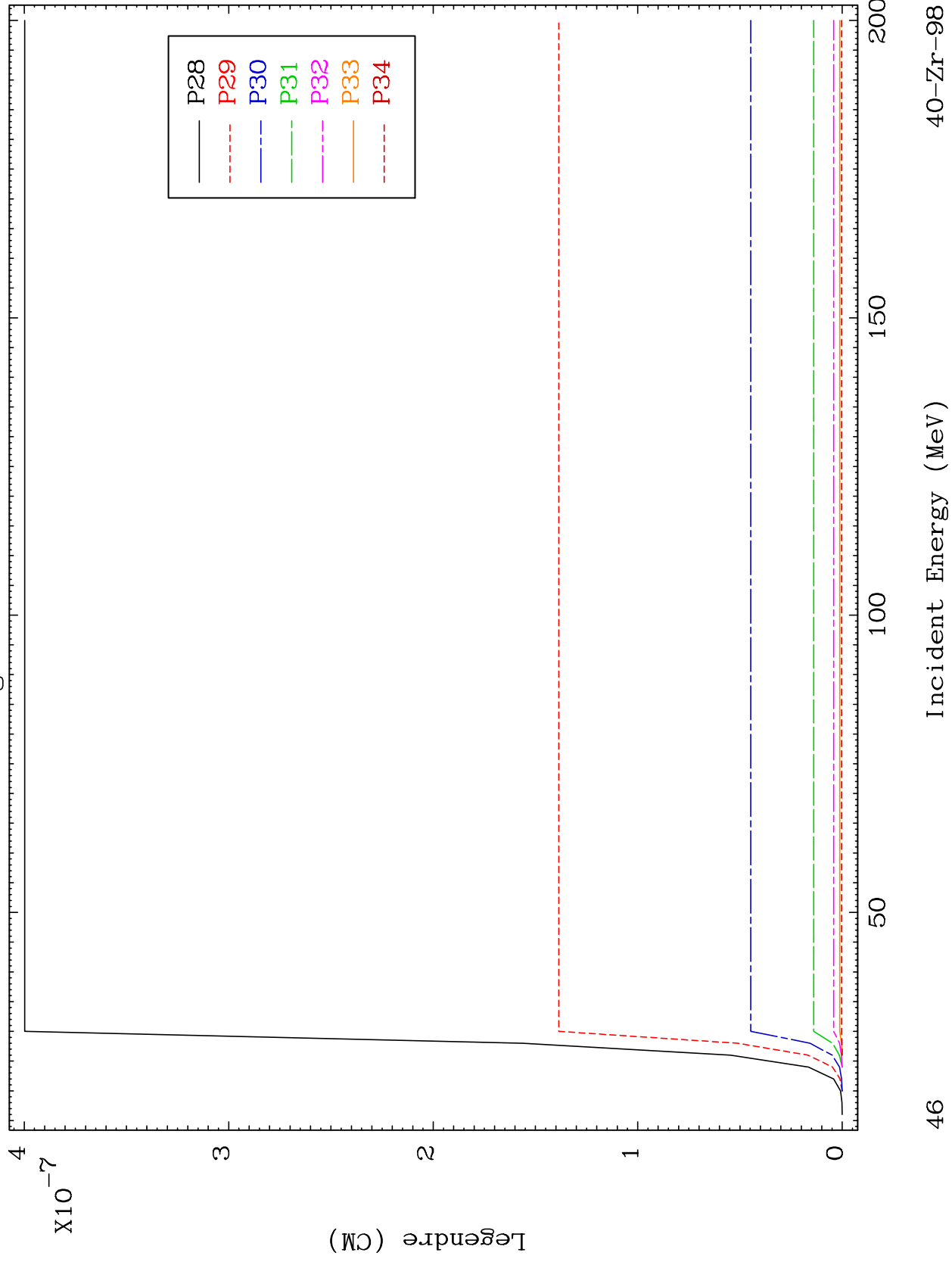
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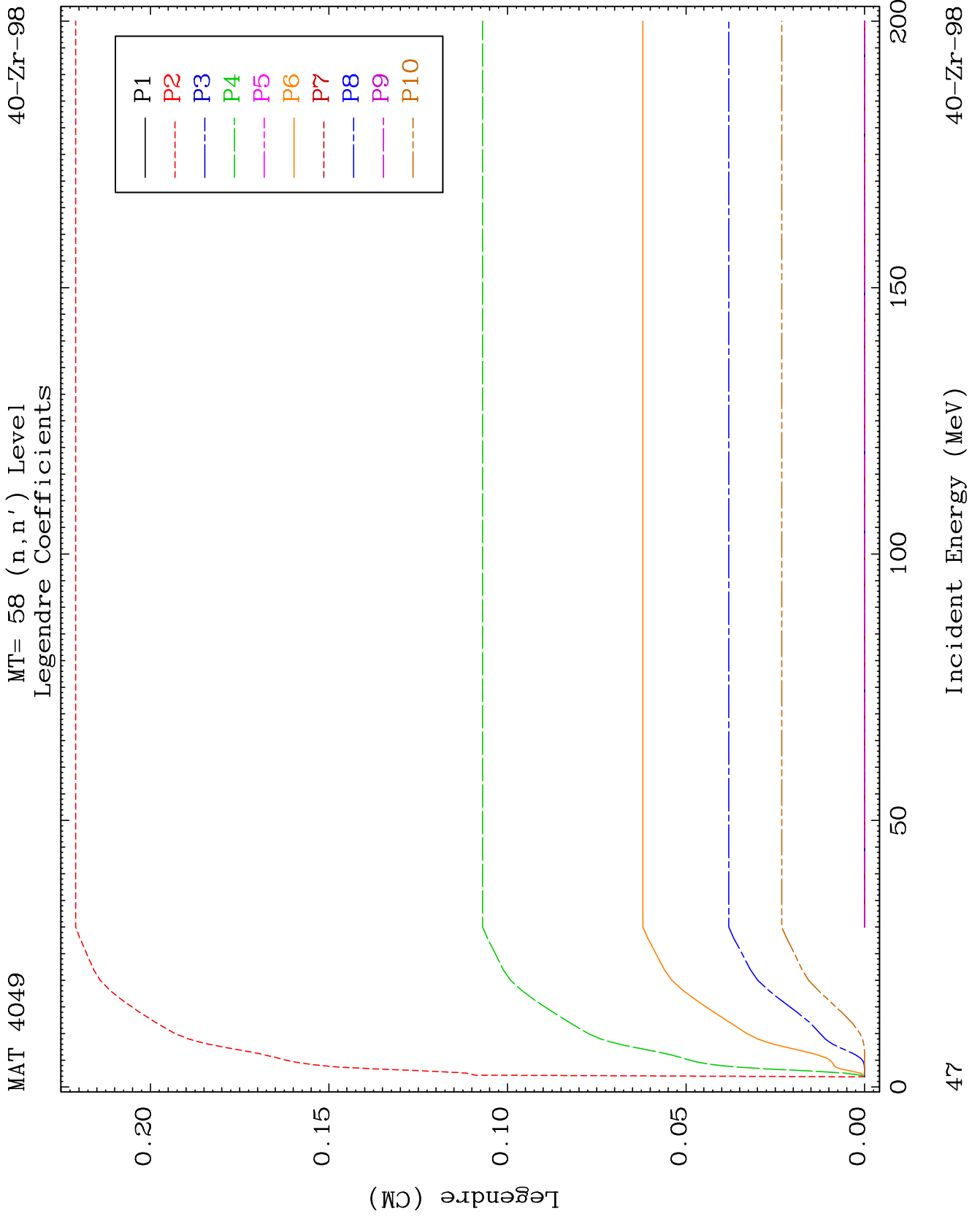


MAT 4049

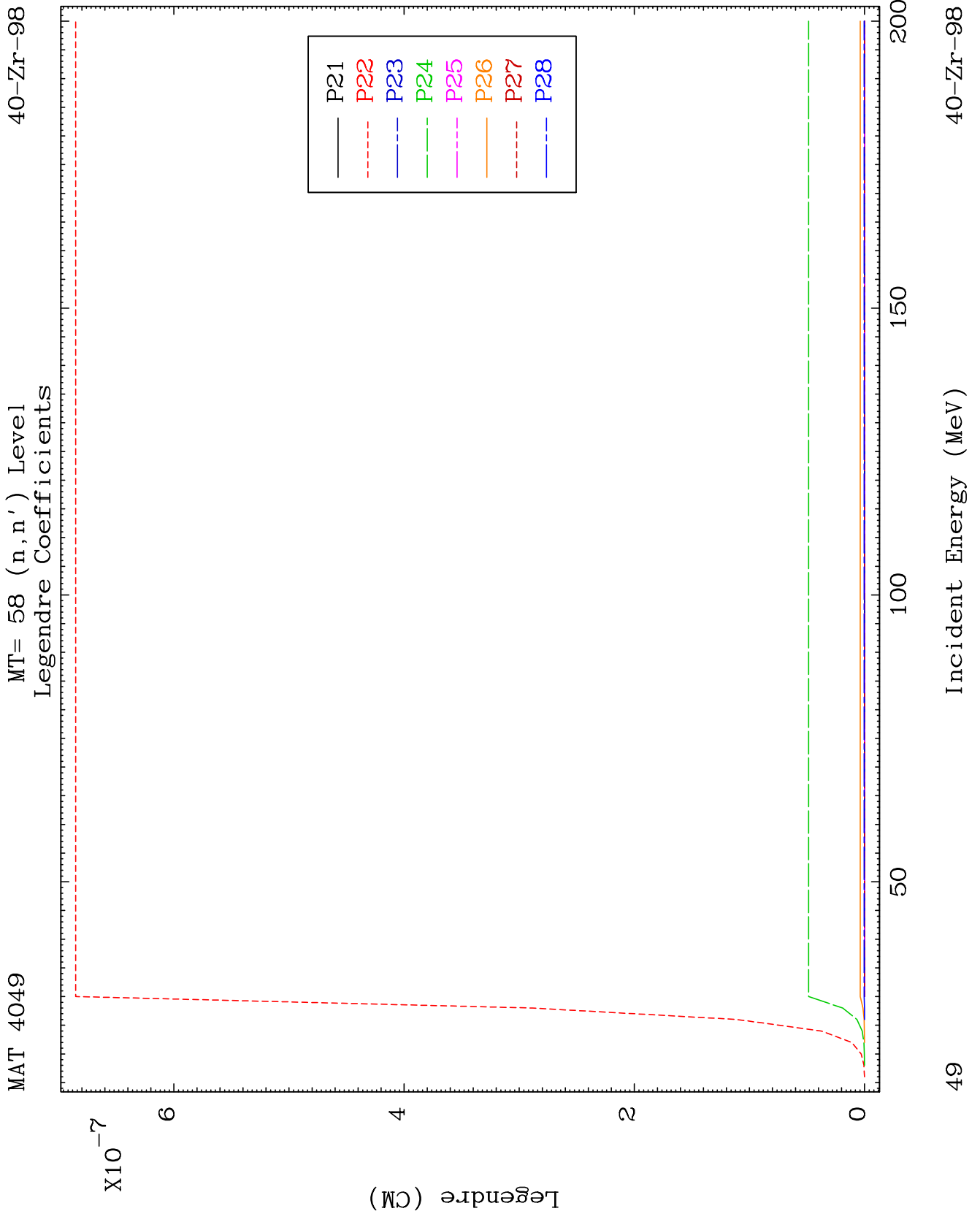
MT= 57 (n,n') Level  
Legendre Coefficients

40-Zr-98







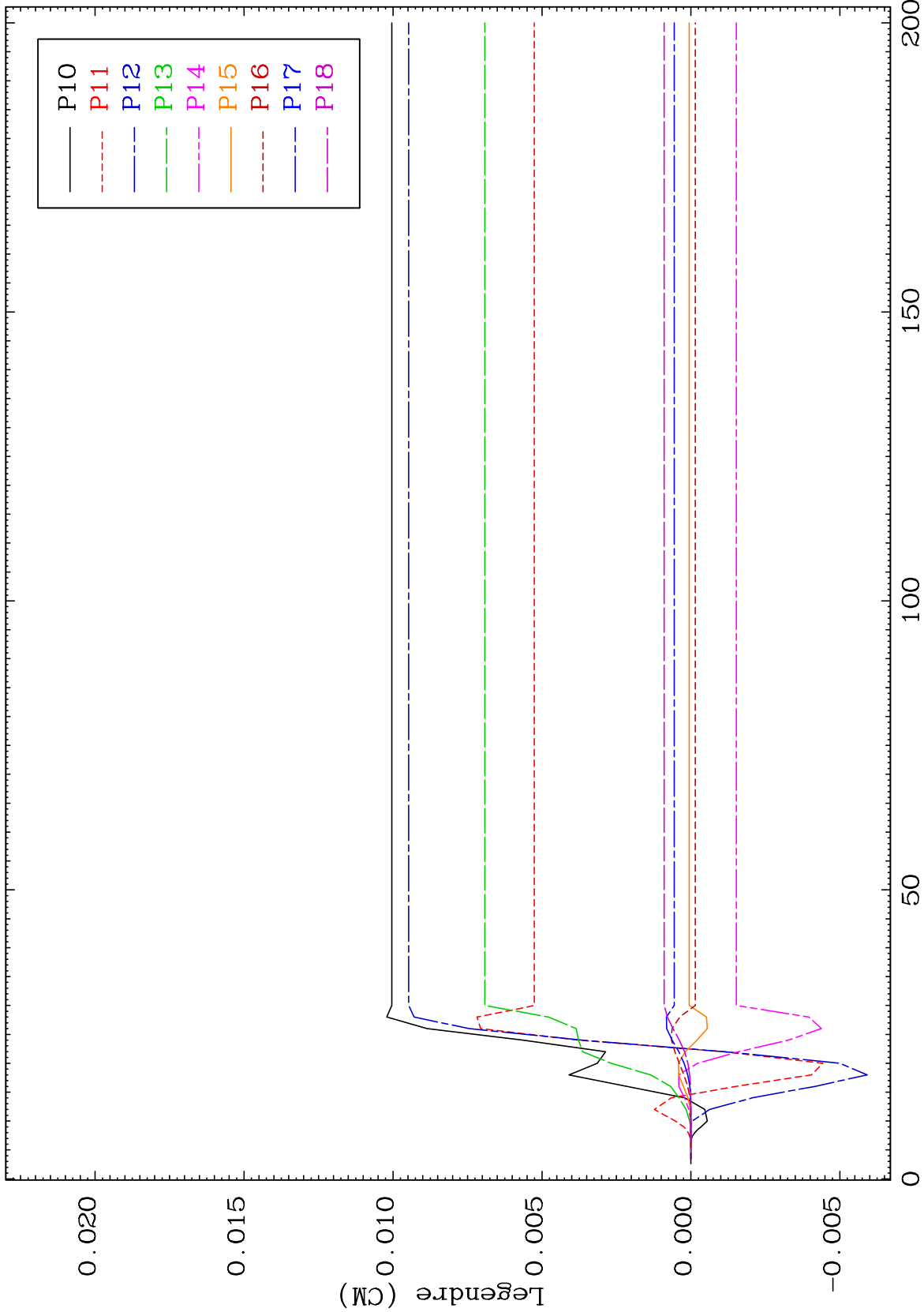




MAT 4049

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

40-Zr-98



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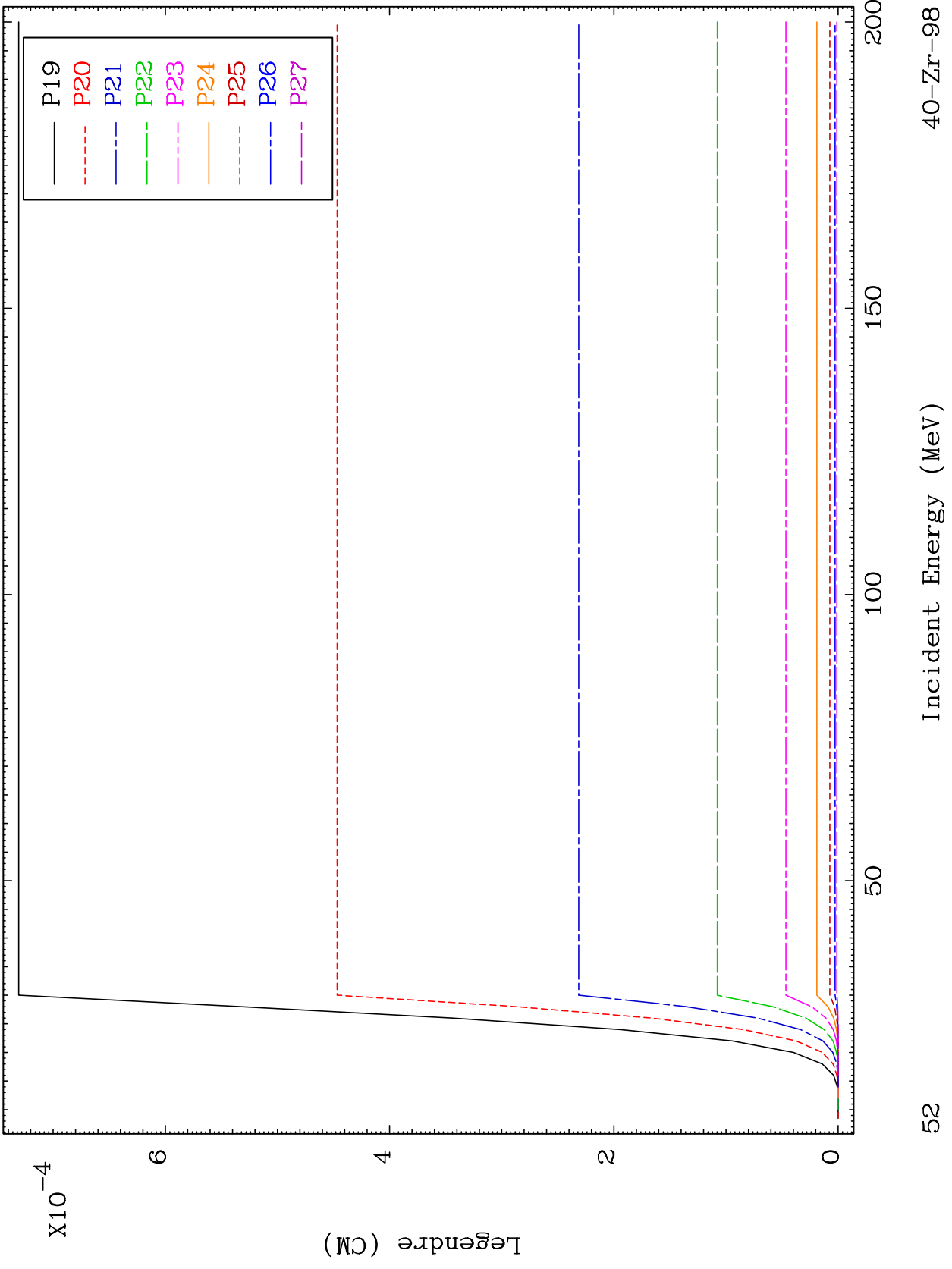
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

40-Zr-98



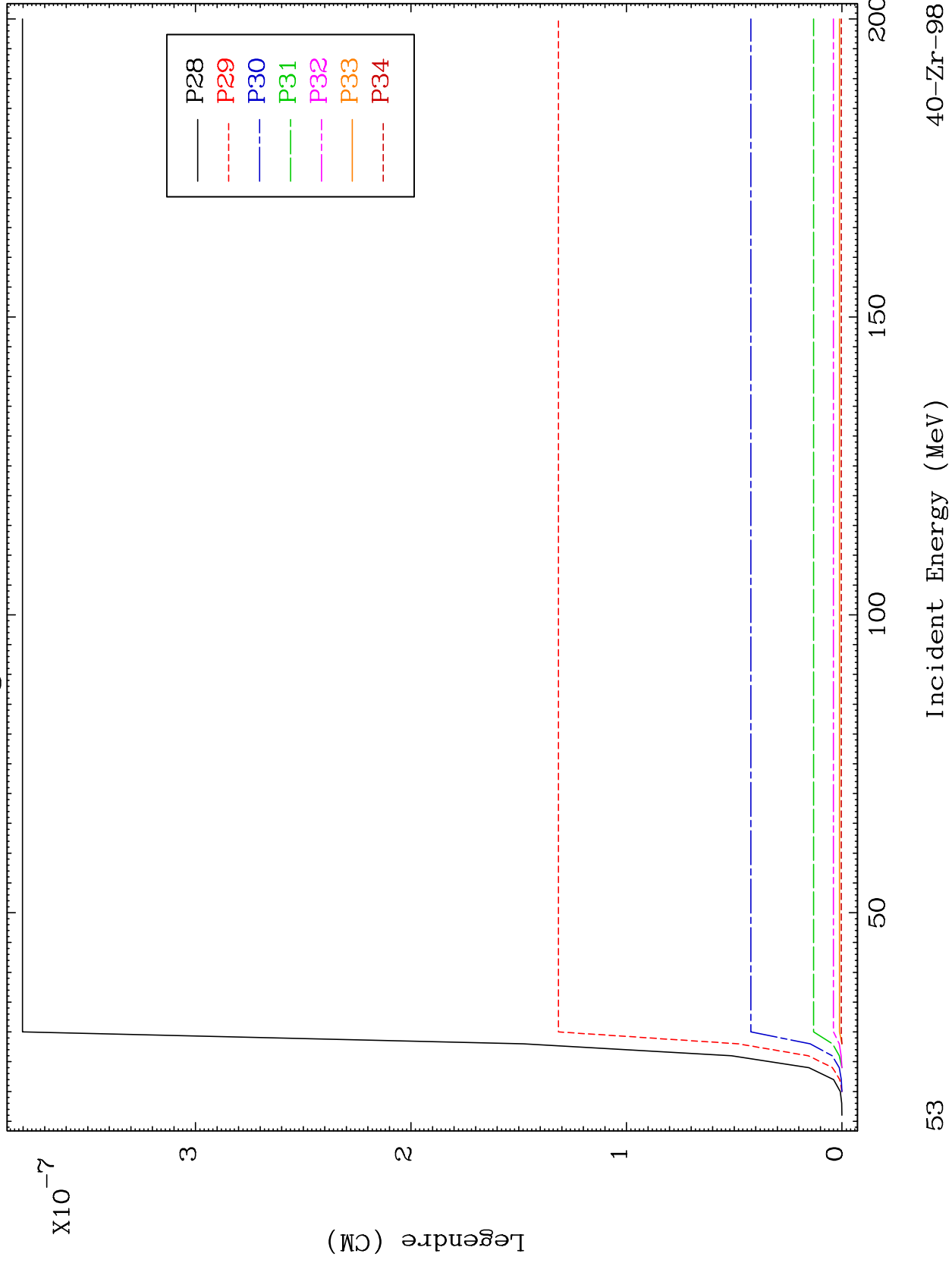
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40-Zr-98

MAT 4049

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

40-Zr-98



53

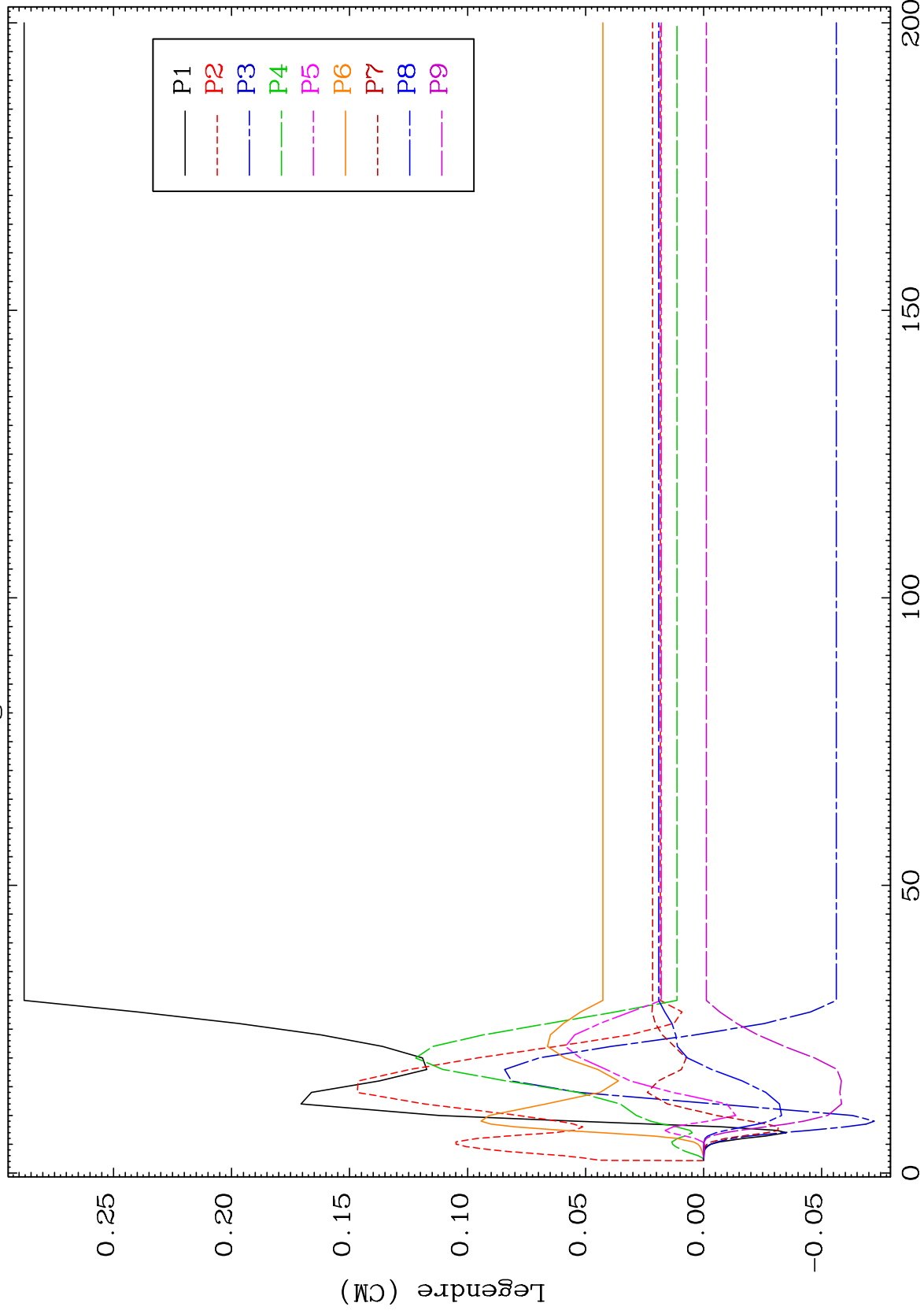
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MAT 4049

MT= 60 (n,n') Level  
Legendre Coefficients

40-Zr-98



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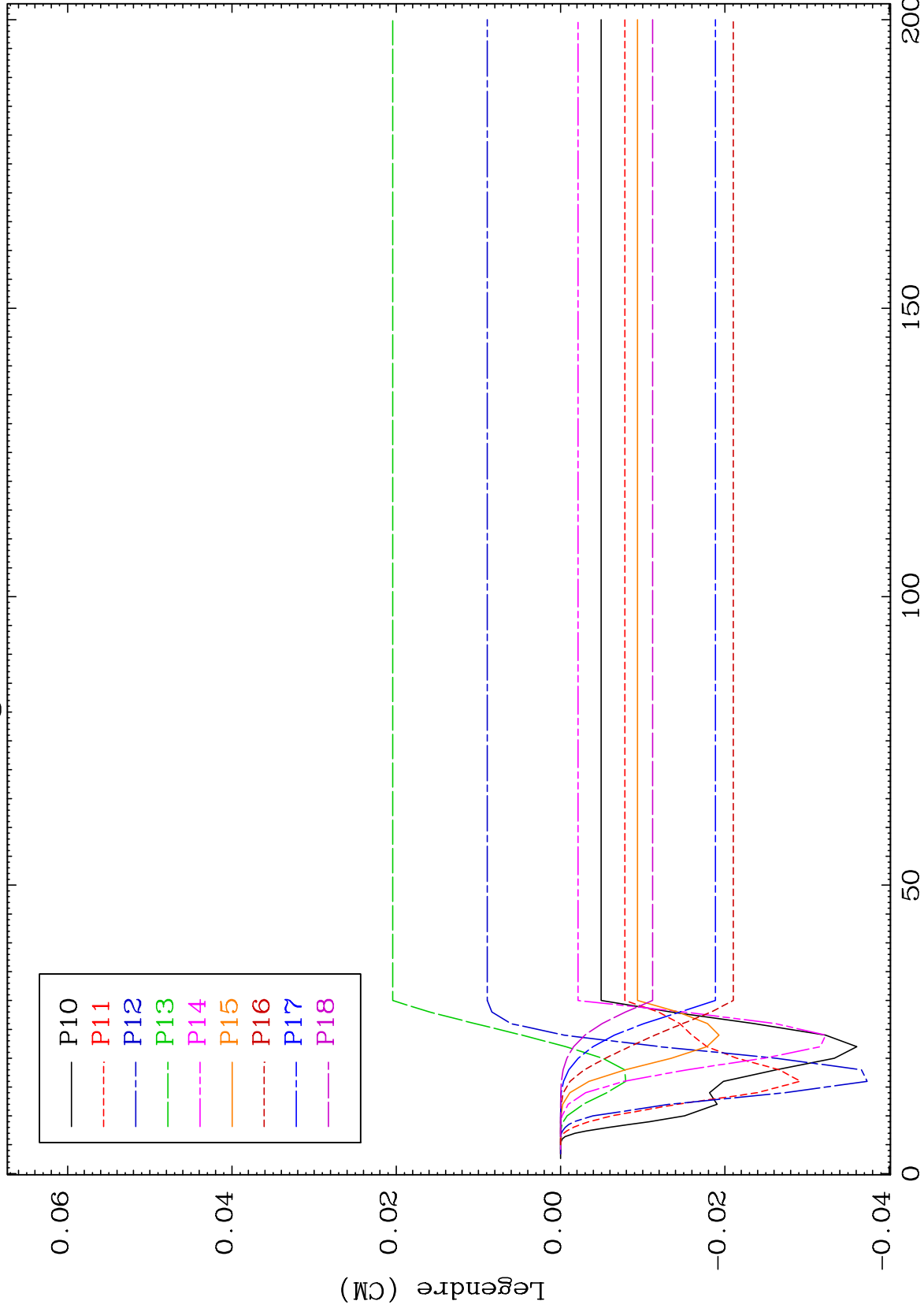
Incident Energy (MeV)

40-Zr-98

MAT 4049

MT= 60 (n,n') Level  
Legendre Coefficients

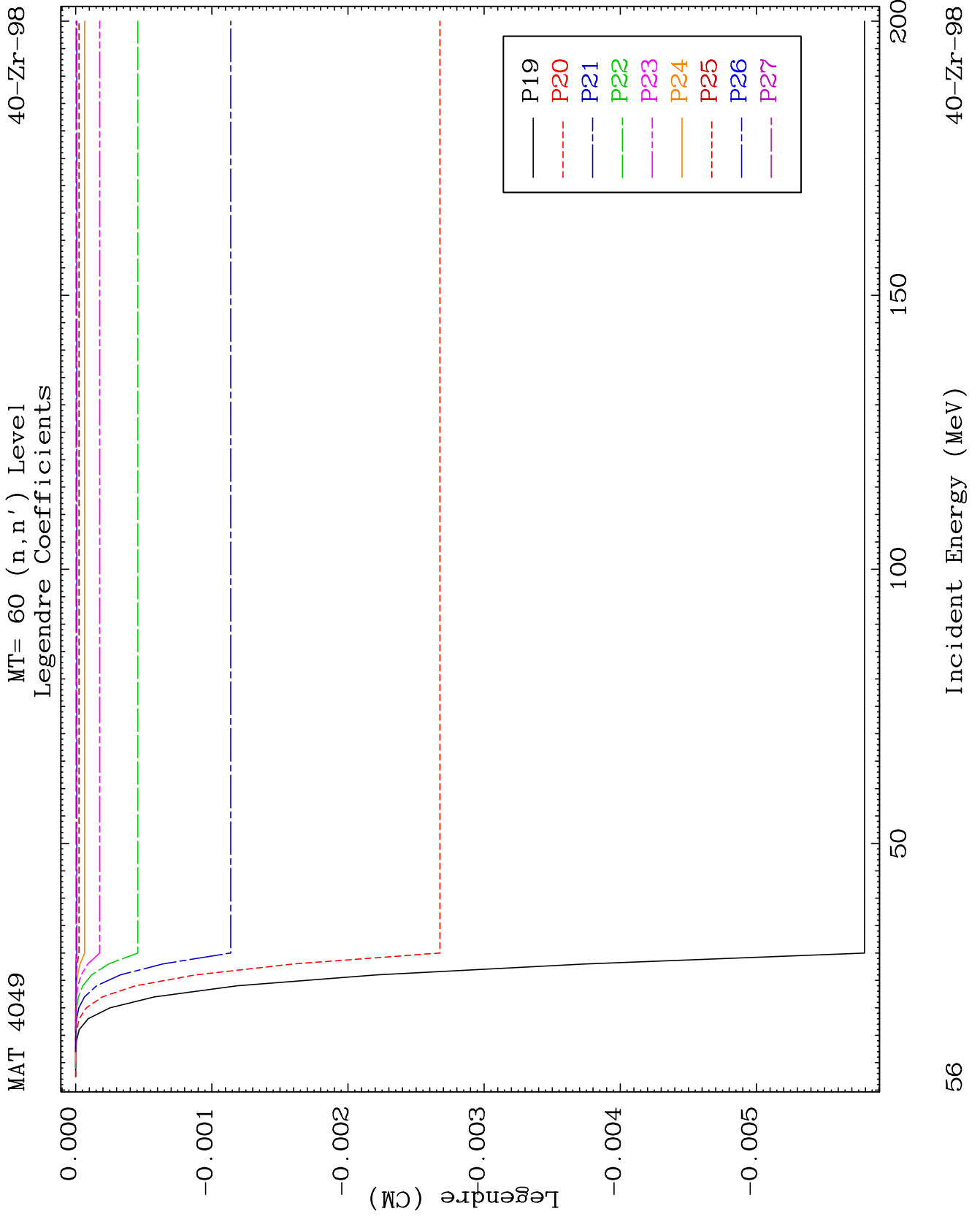
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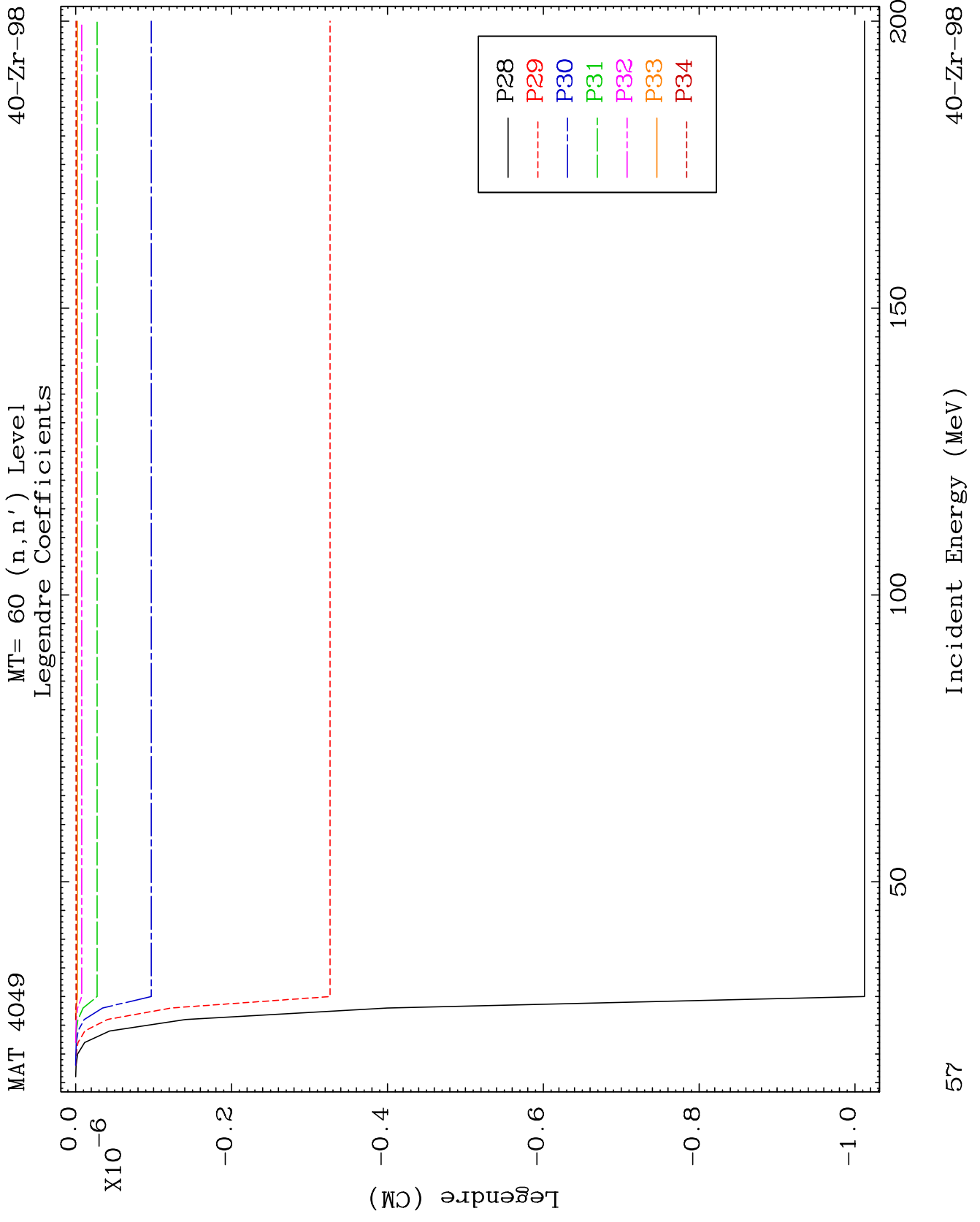


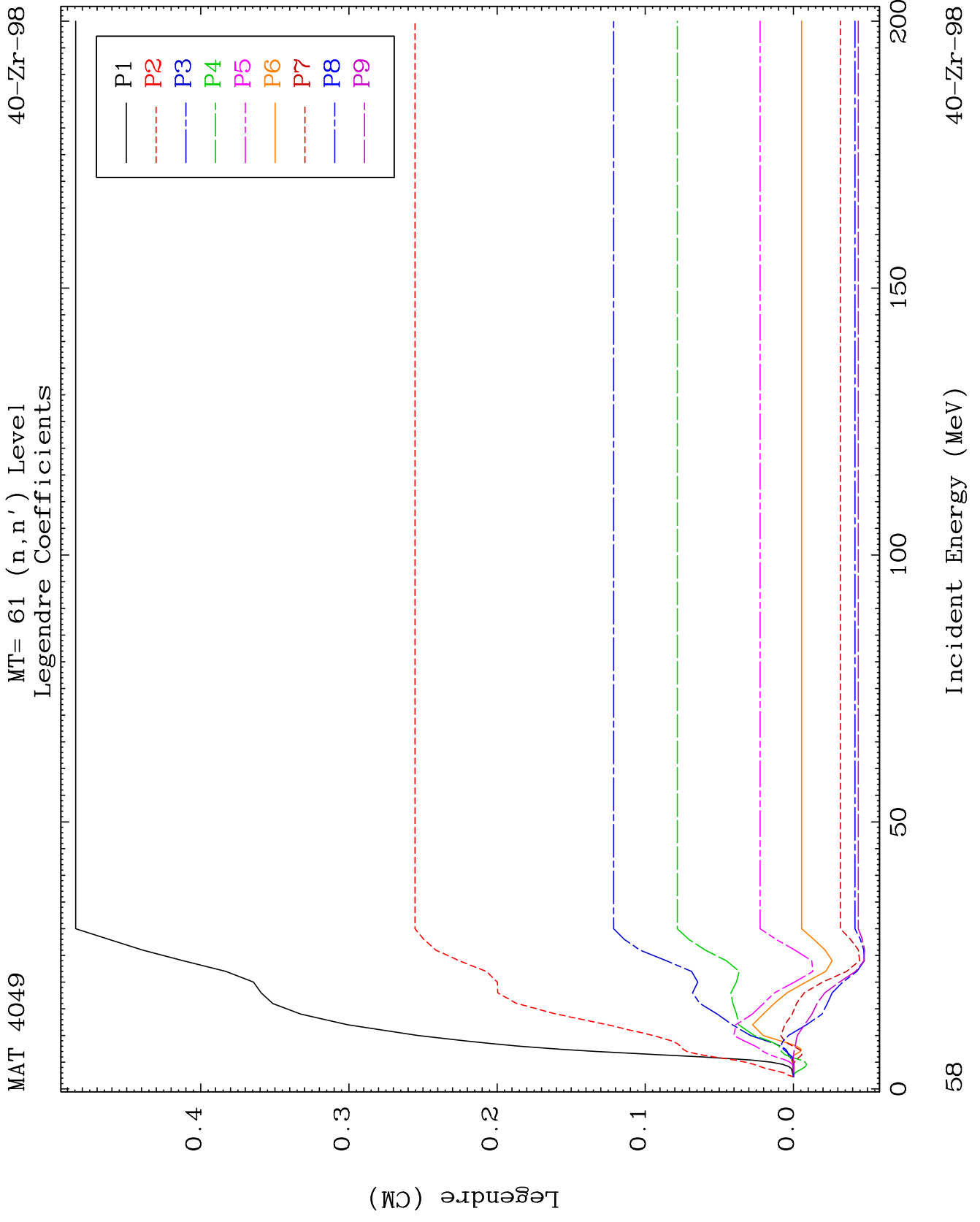
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Incident Energy (MeV)

40-Zr-98



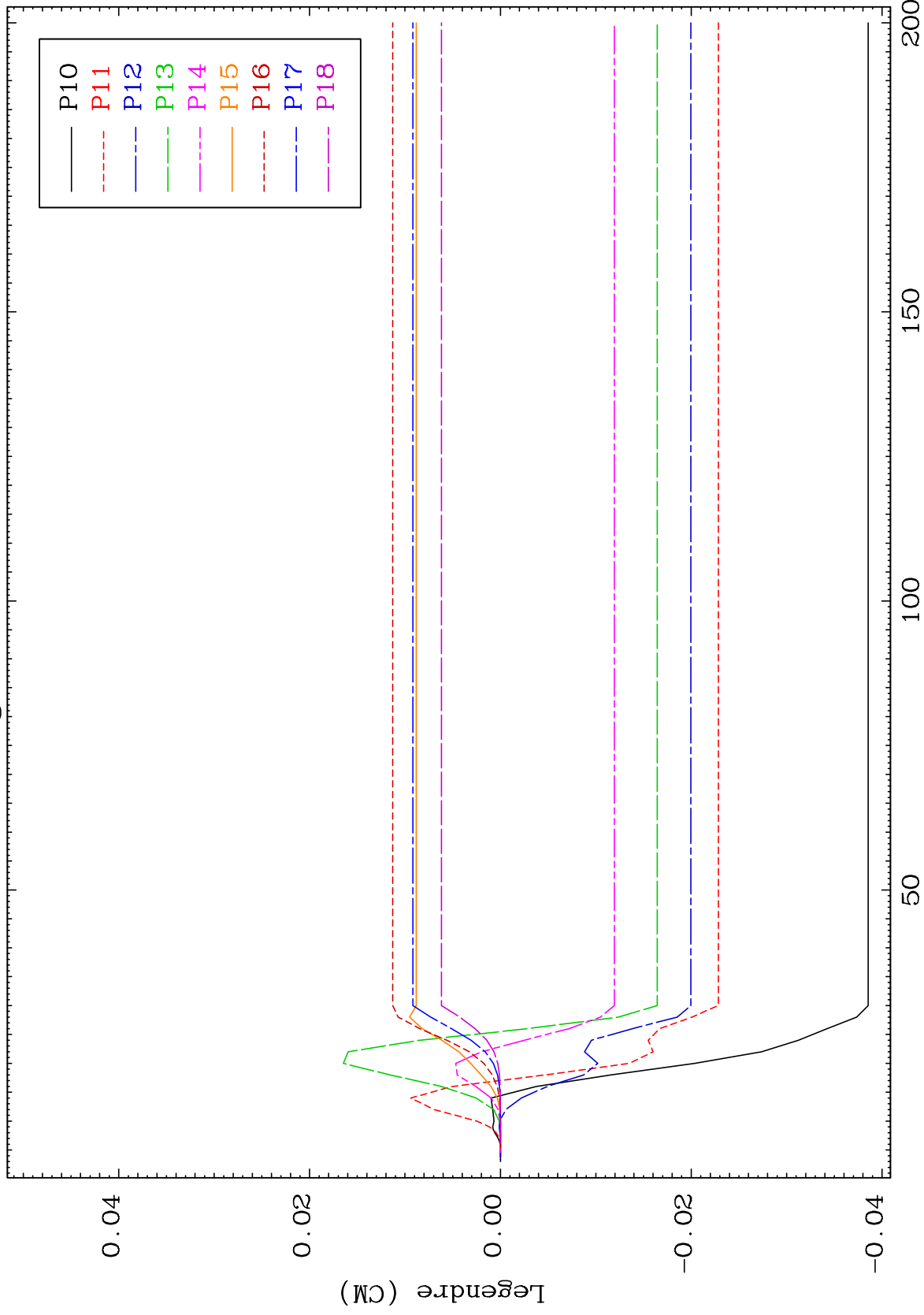




MAT 4049

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

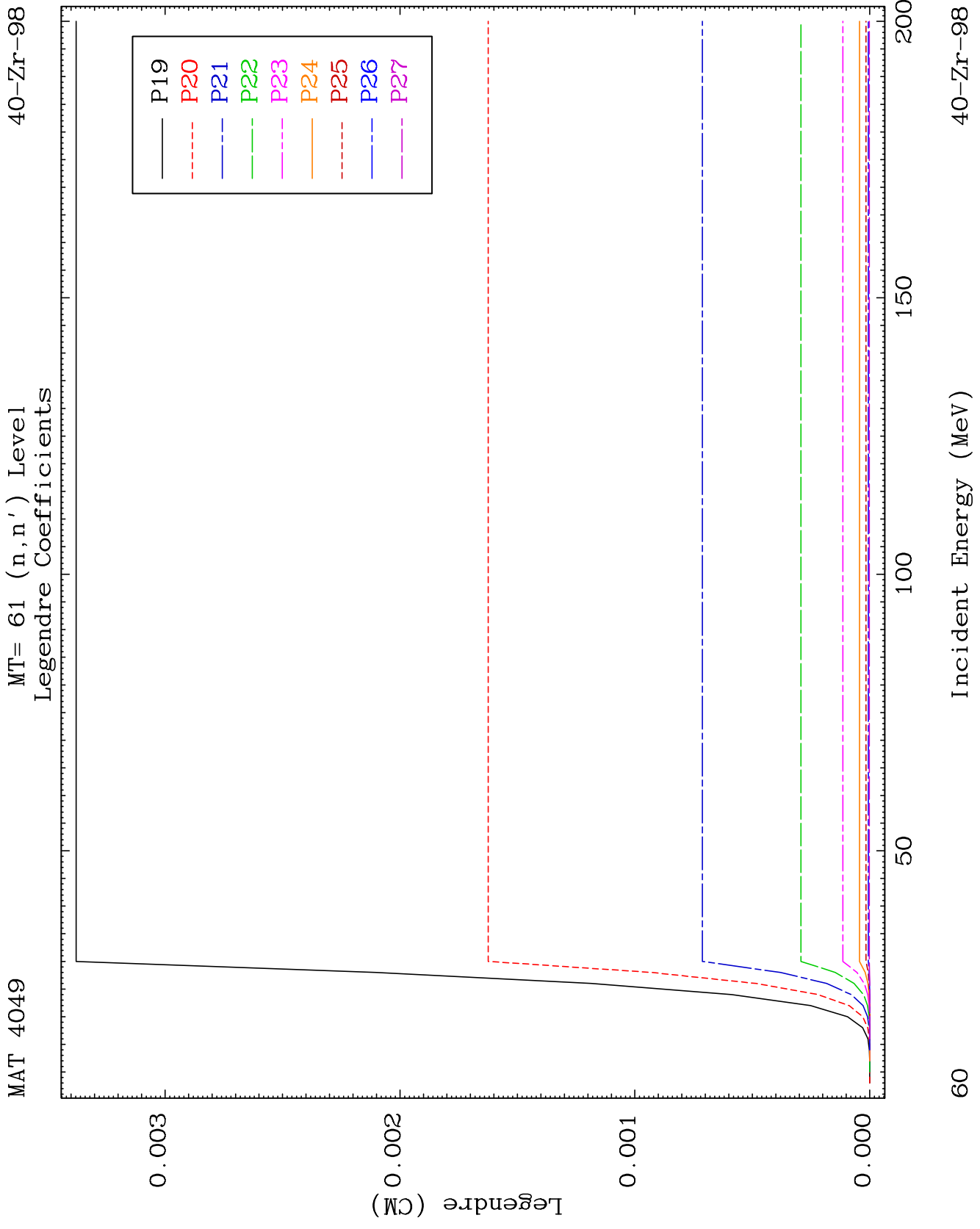
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59

Incident Energy (MeV)

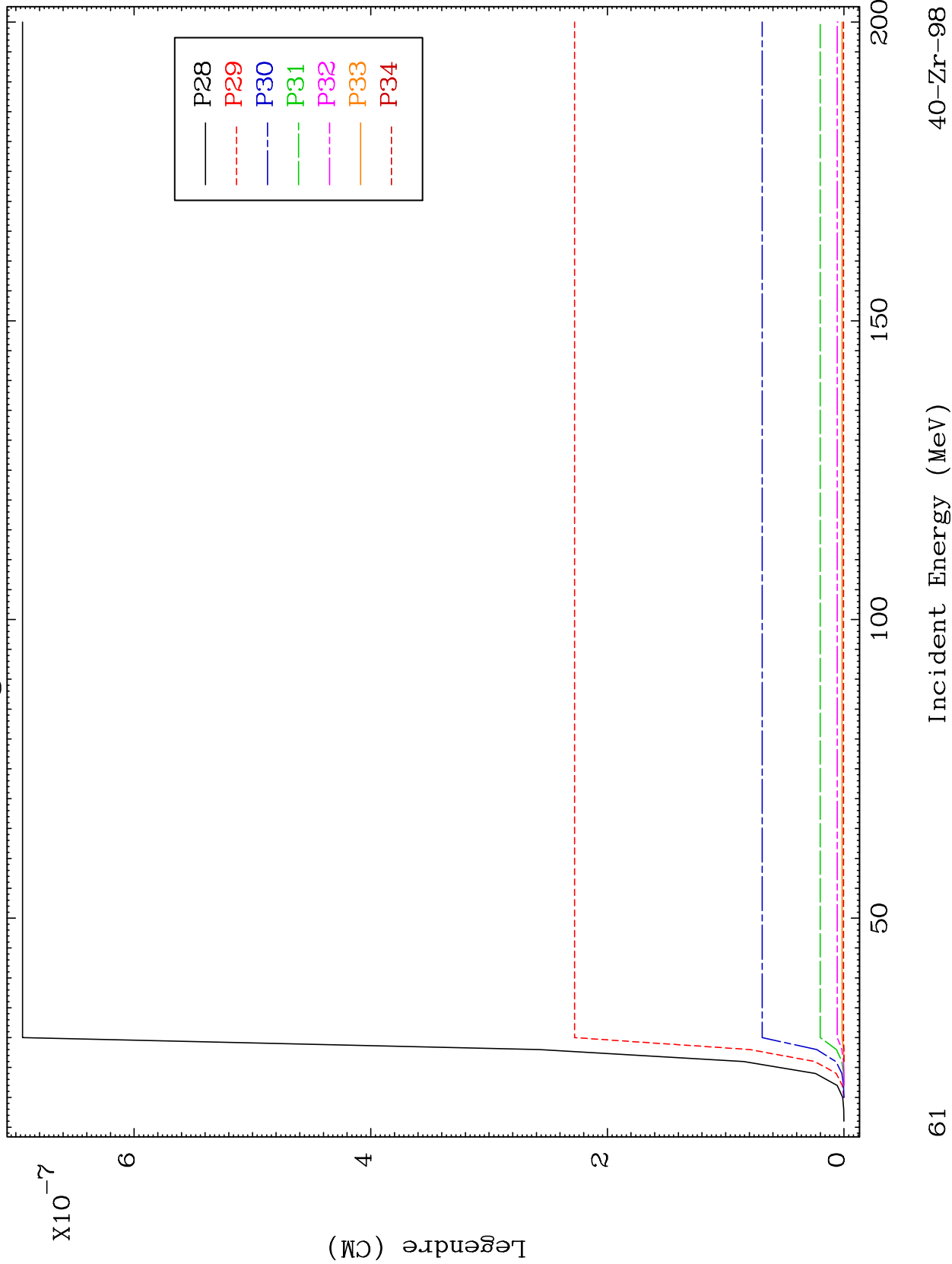
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MAT 4049

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

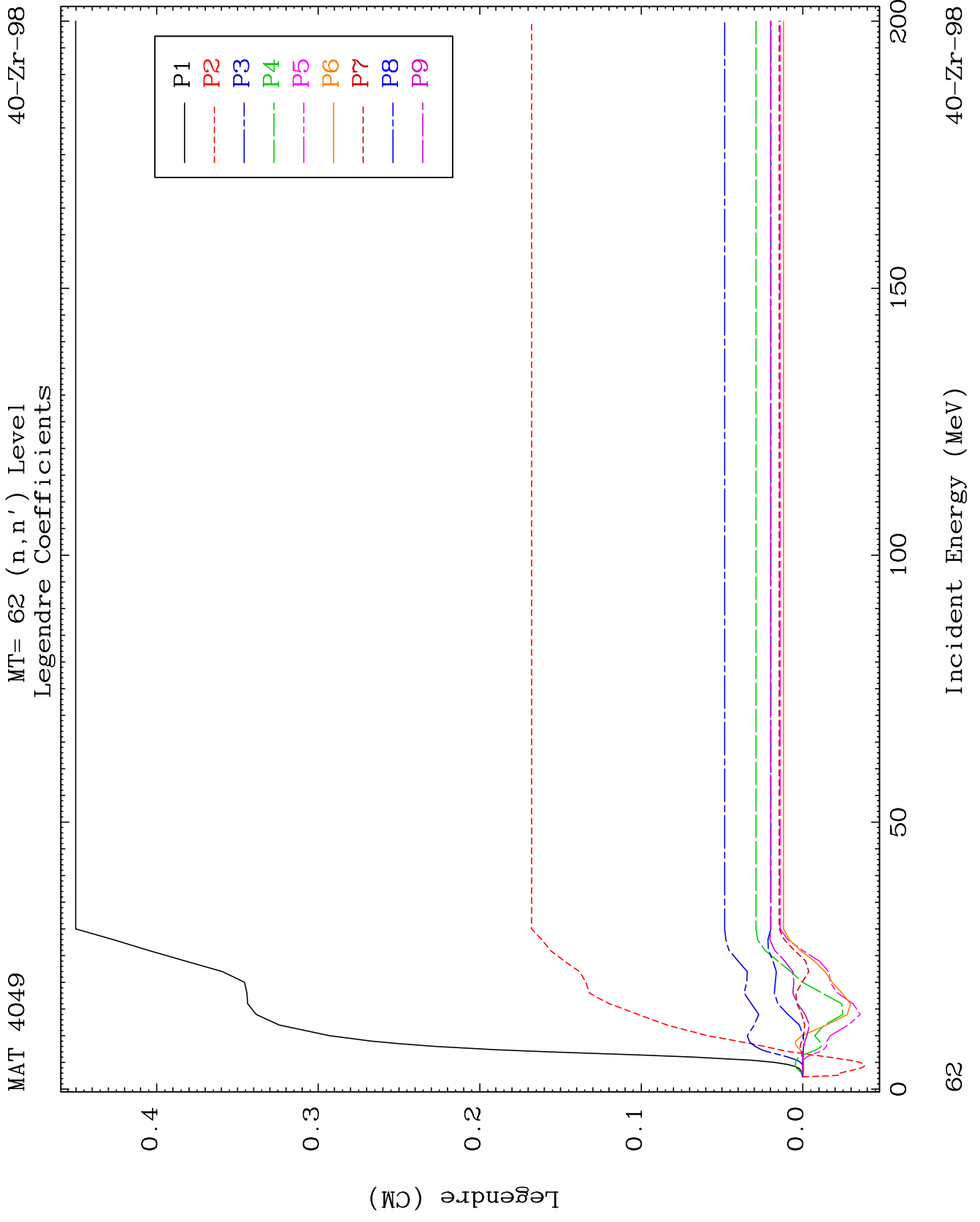
40-Zr-98



61

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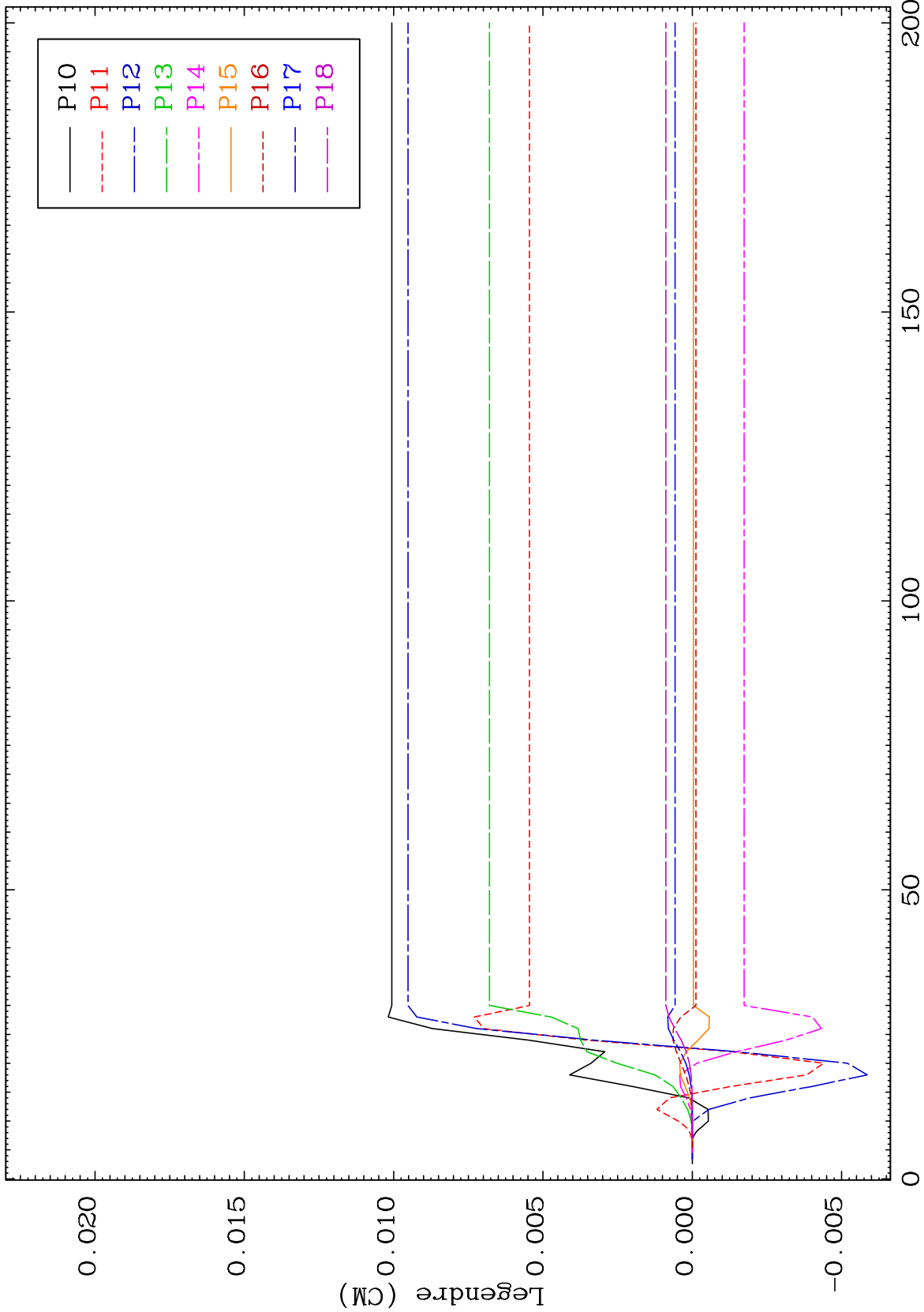
40-Zr-98



MAT 4049

MT= 62 (n,n') Level  
Legendre Coefficients

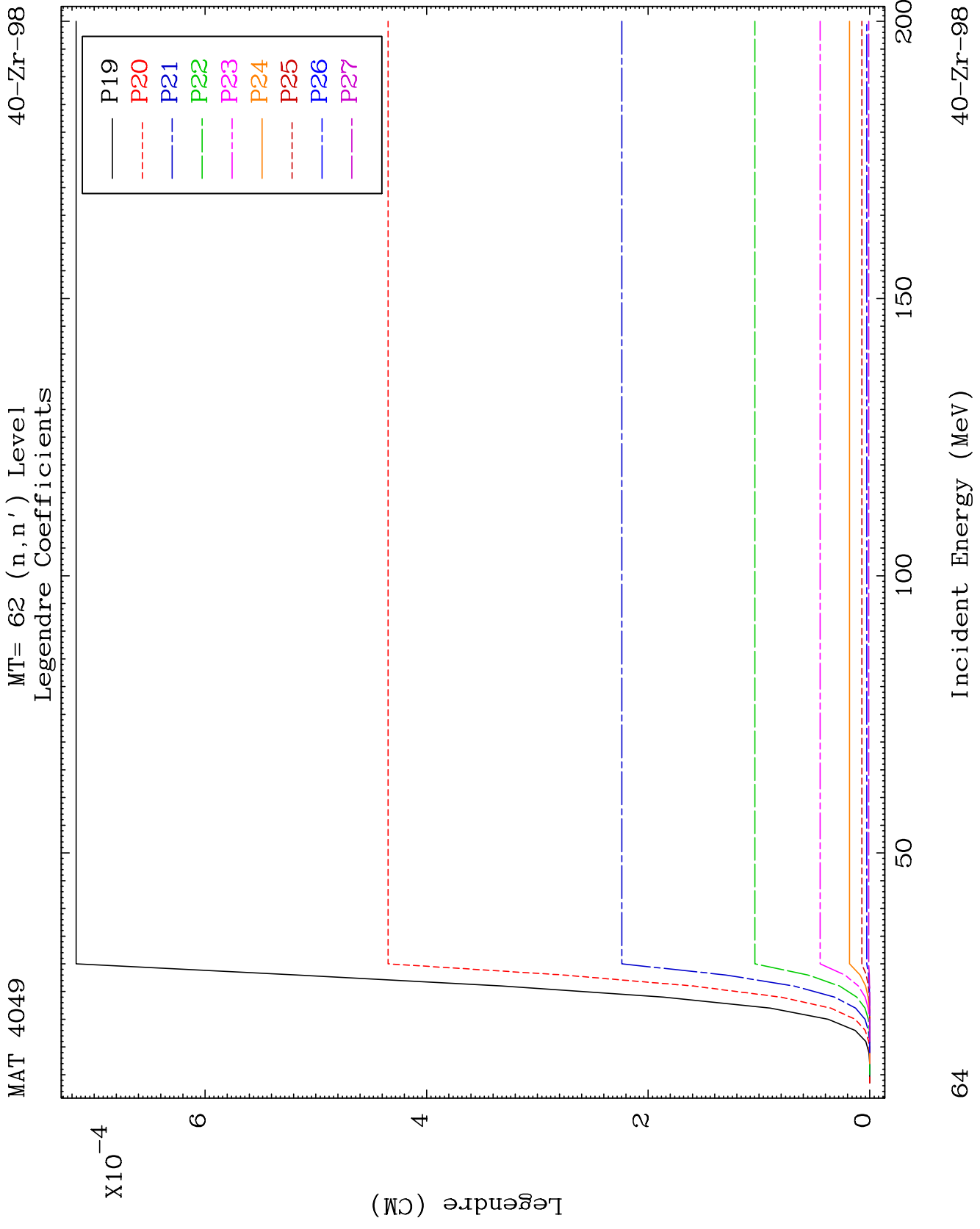
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63

Incident Energy (MeV)

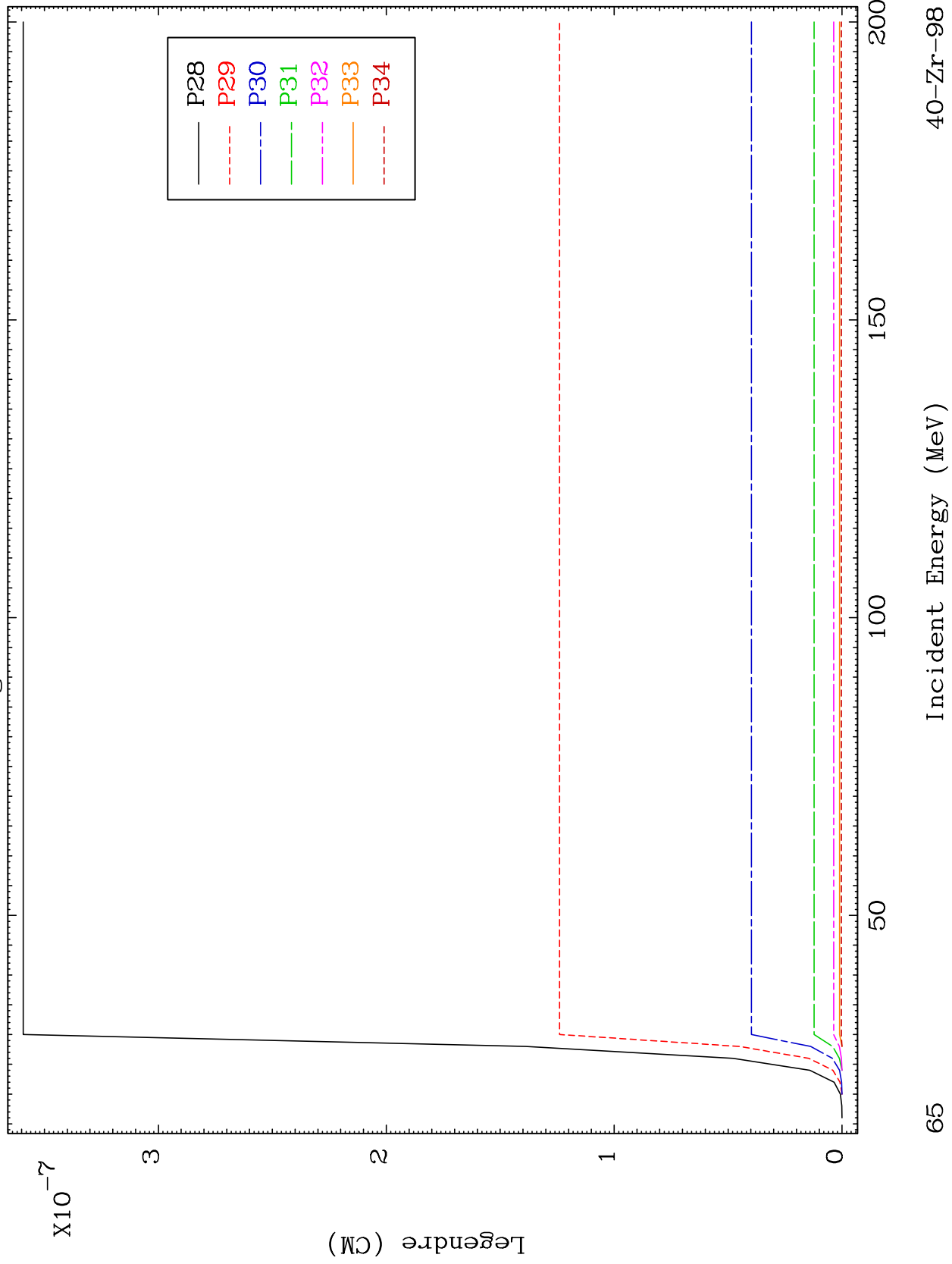
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MAT 4049

MT= 62 (n,n') Level  
Legendre Coefficients

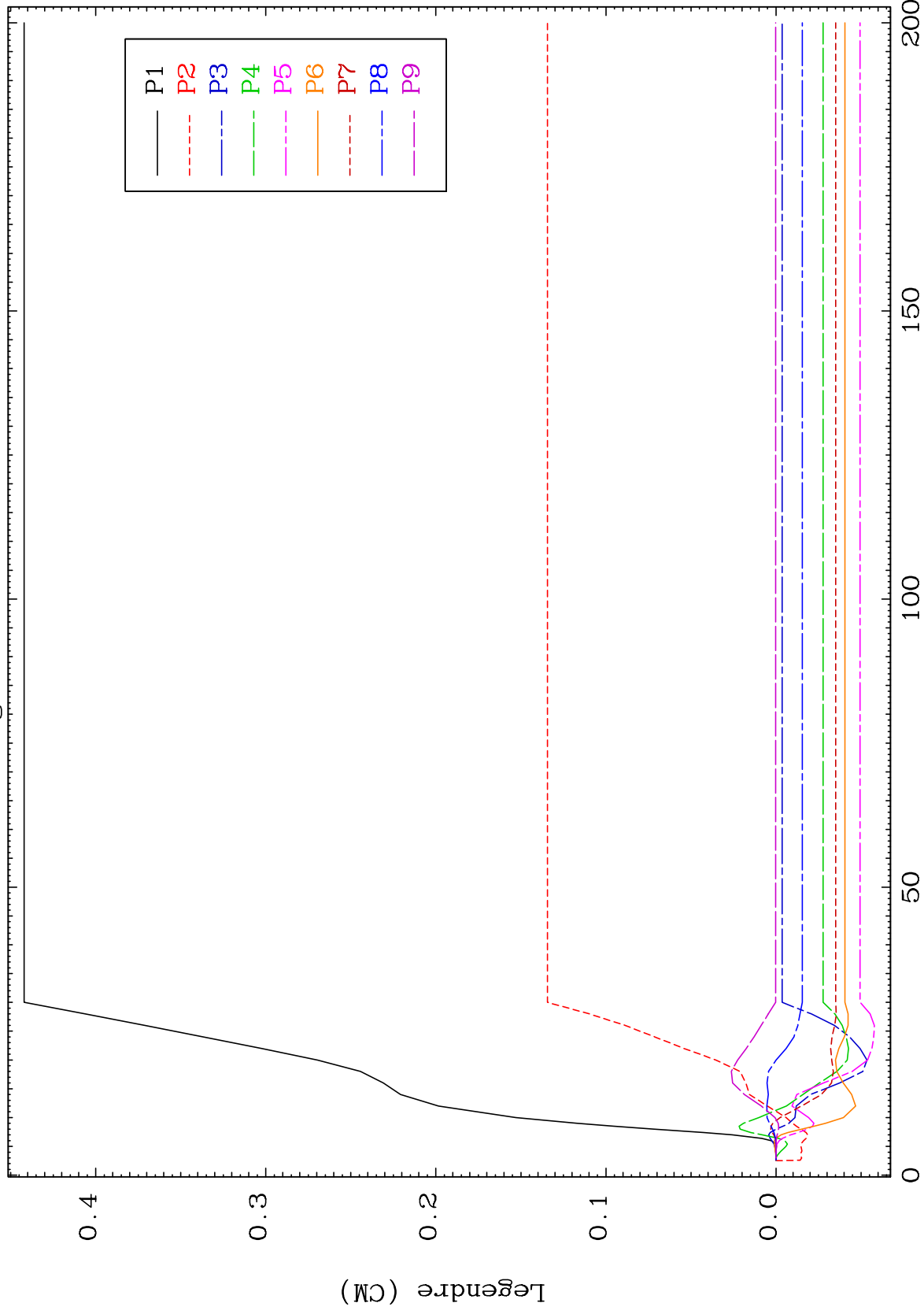
40-Zr-98



MAT 4049

MT= 63 (n,n') Level  
Legendre Coefficients

40-Zr-98



66

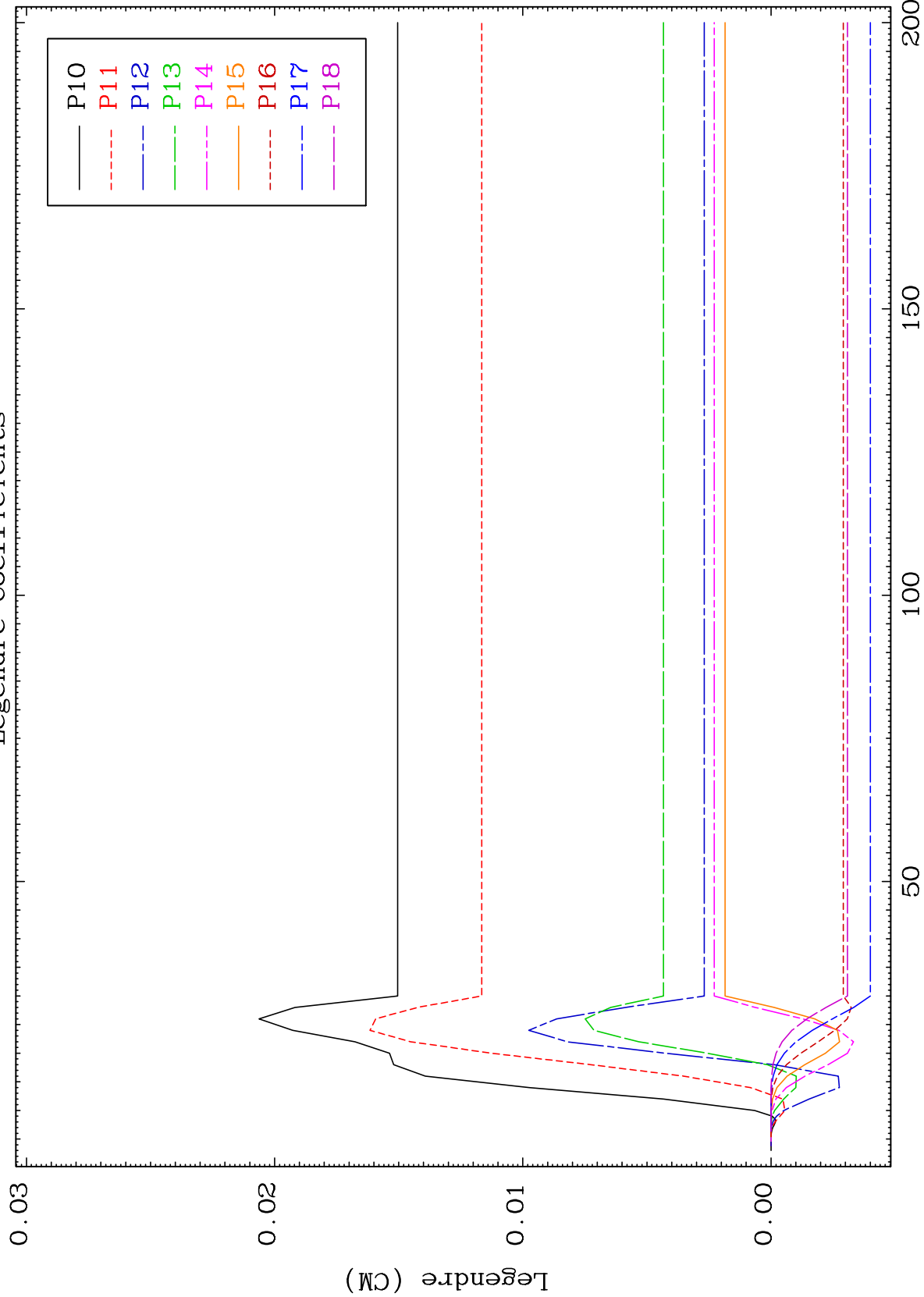
Incident Energy (MeV)

40-Zr-98

MAT 4049

MT= 63 (n,n') Level  
Legendre Coefficients

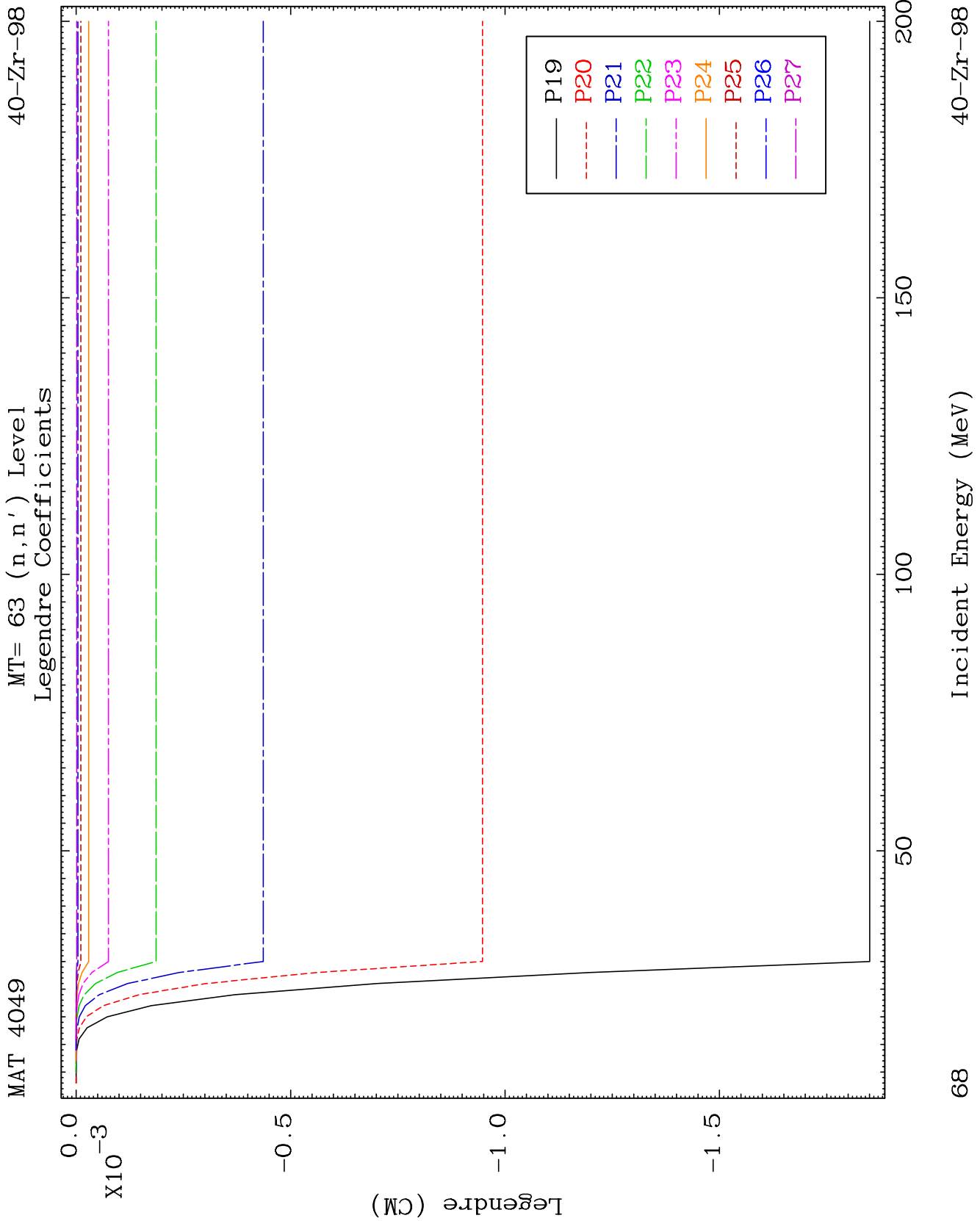
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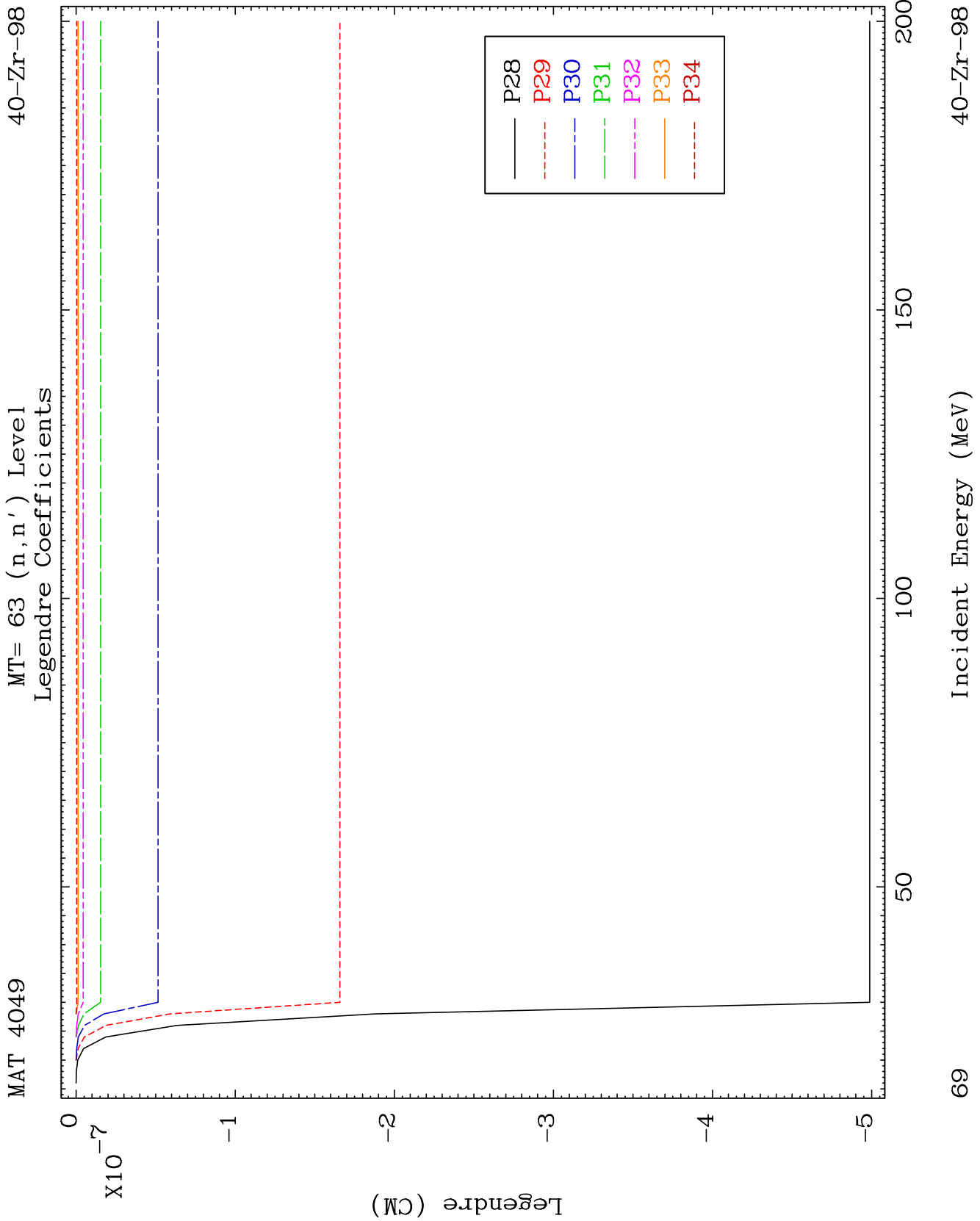


67

Incident Energy (MeV)

40-Zr-98



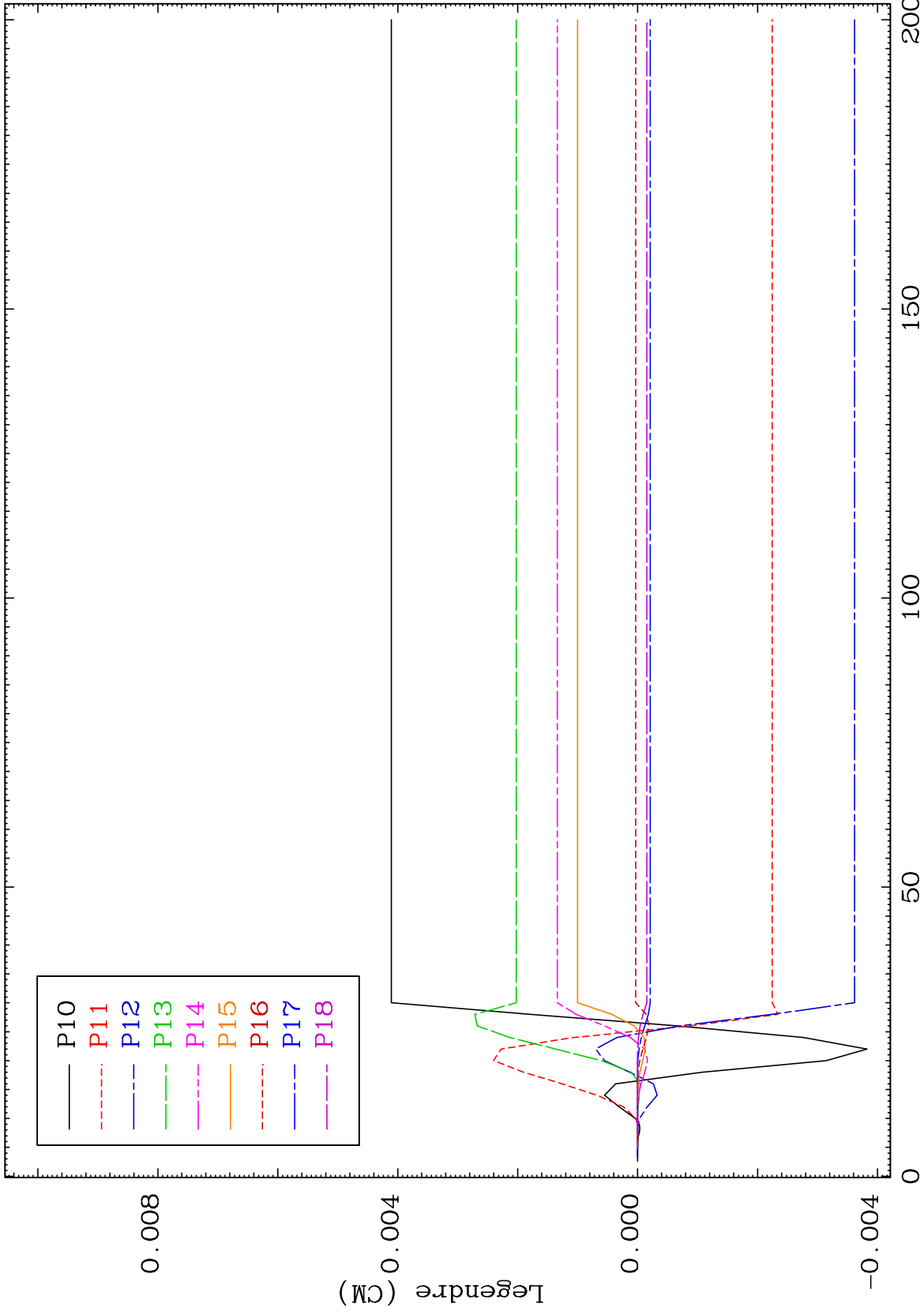




MAT 4049

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

40-Zr-98



71

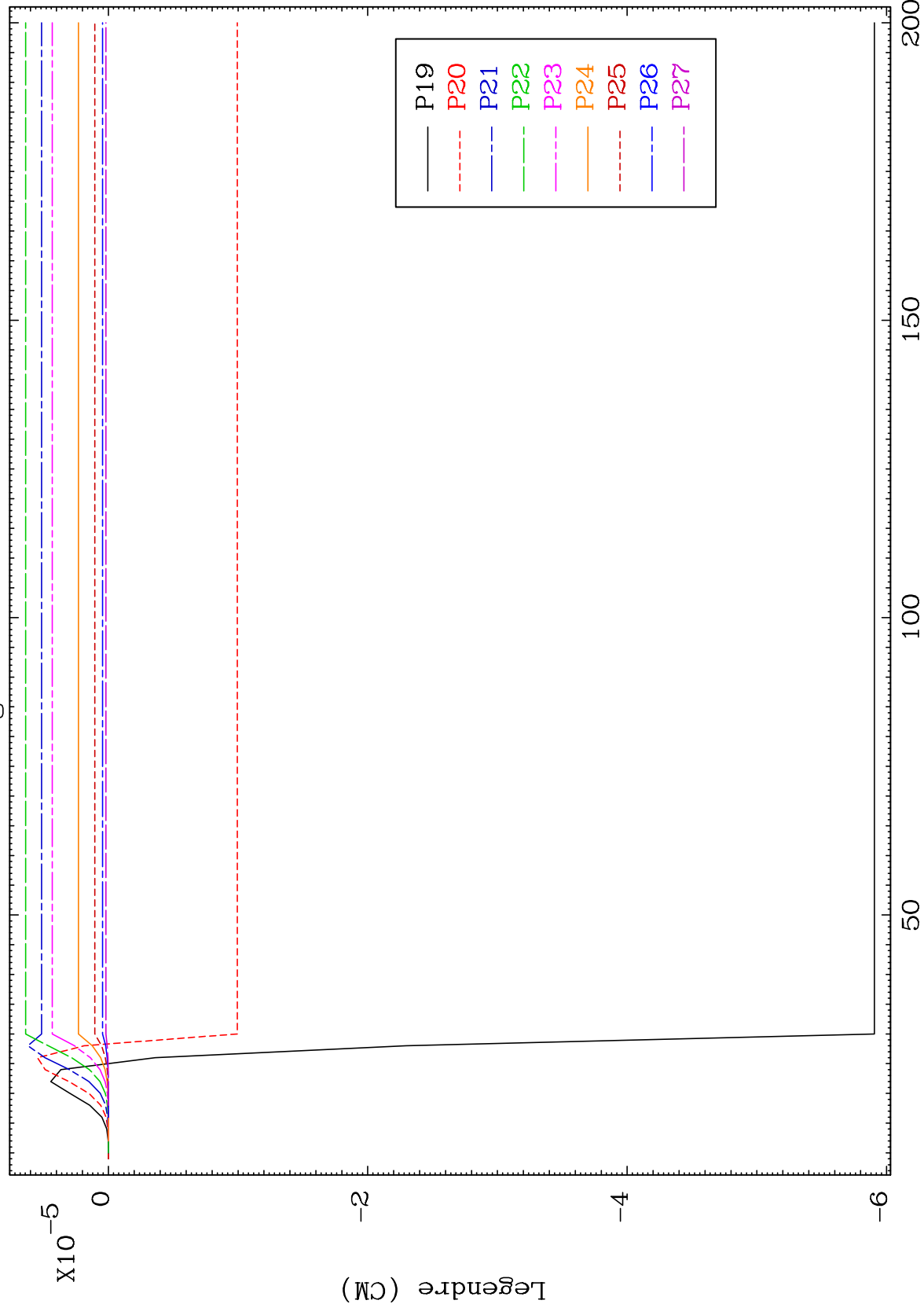
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

40-Zr-98



72

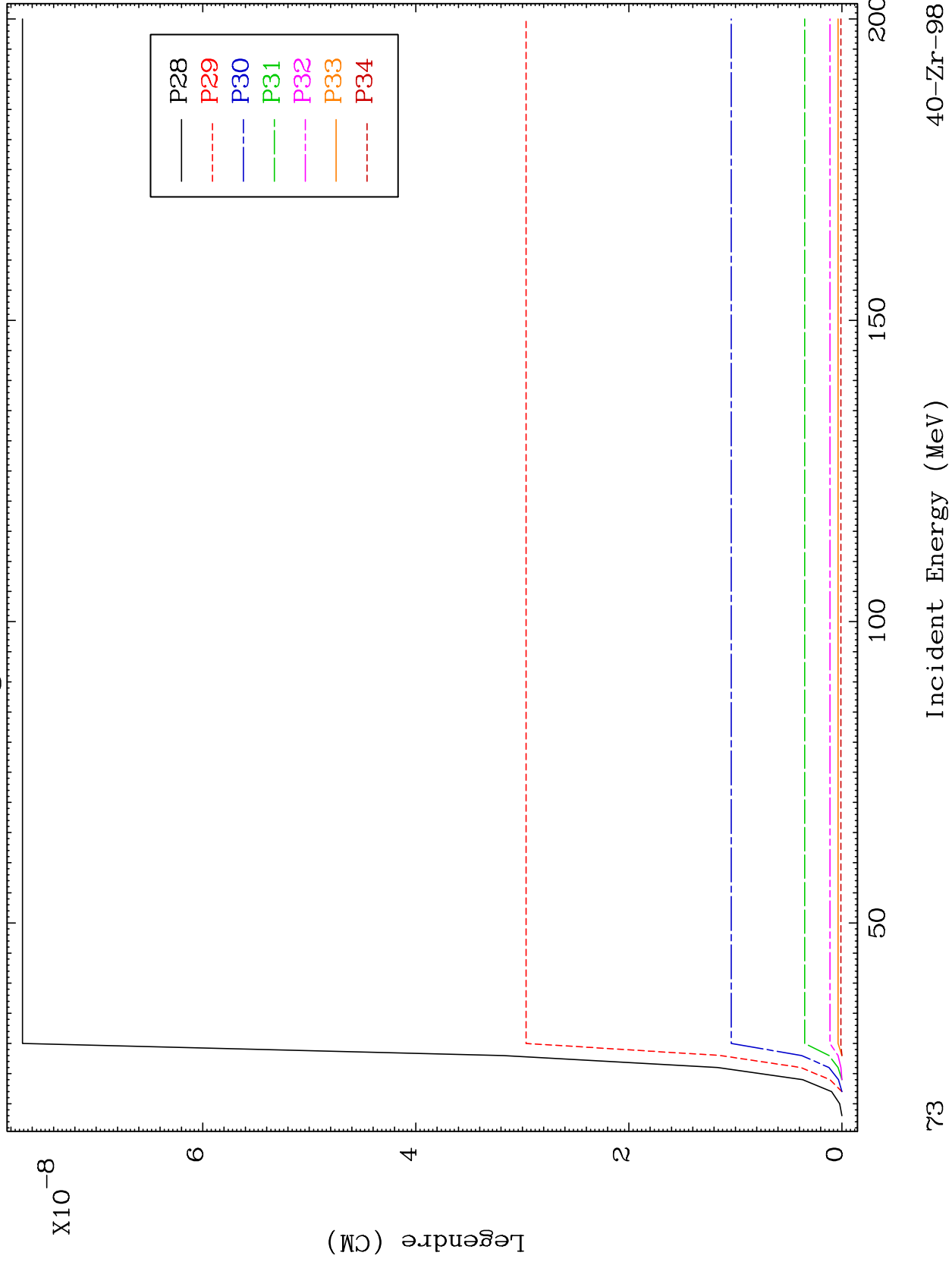
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

40-Zr-98



73

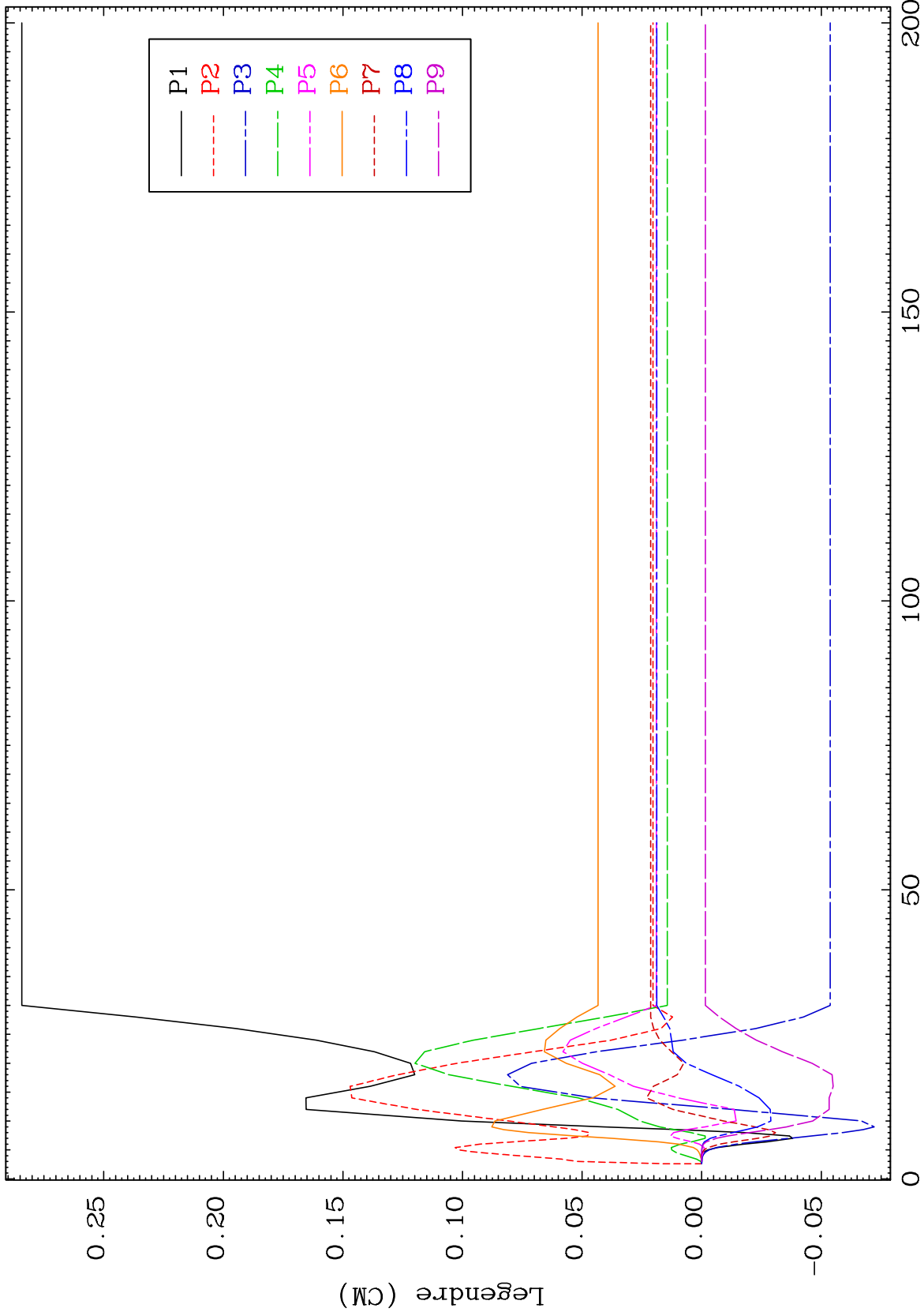
Incident Energy (MeV)

40-Zr-98

MAT 4049

MT= 65 (n,n') Level  
Legendre Coefficients

40-Zr-98



74

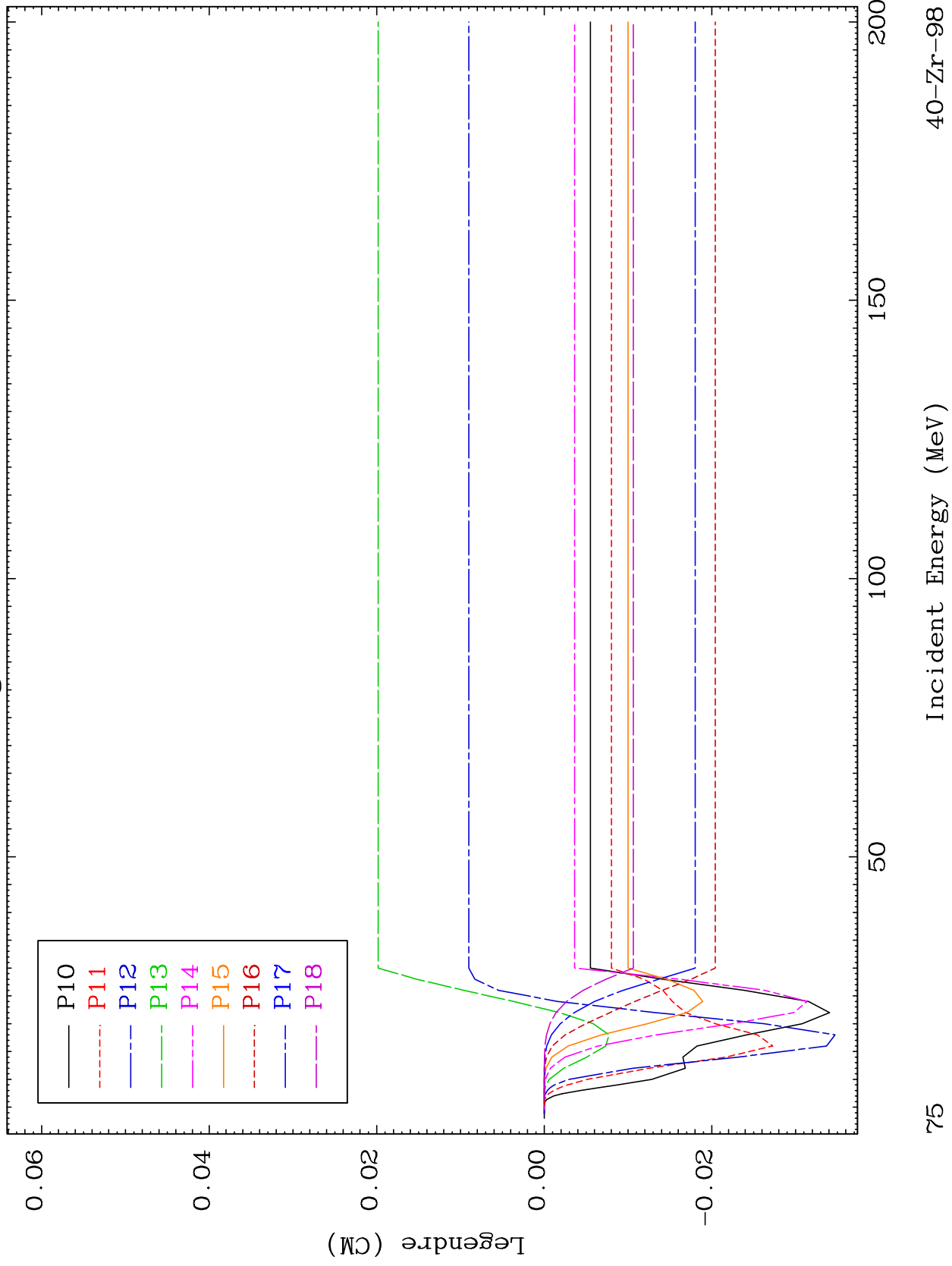
Incident Energy (MeV)

40-Zr-98

MAT 4049

MT= 65 (n,n') Level  
Legendre Coefficients

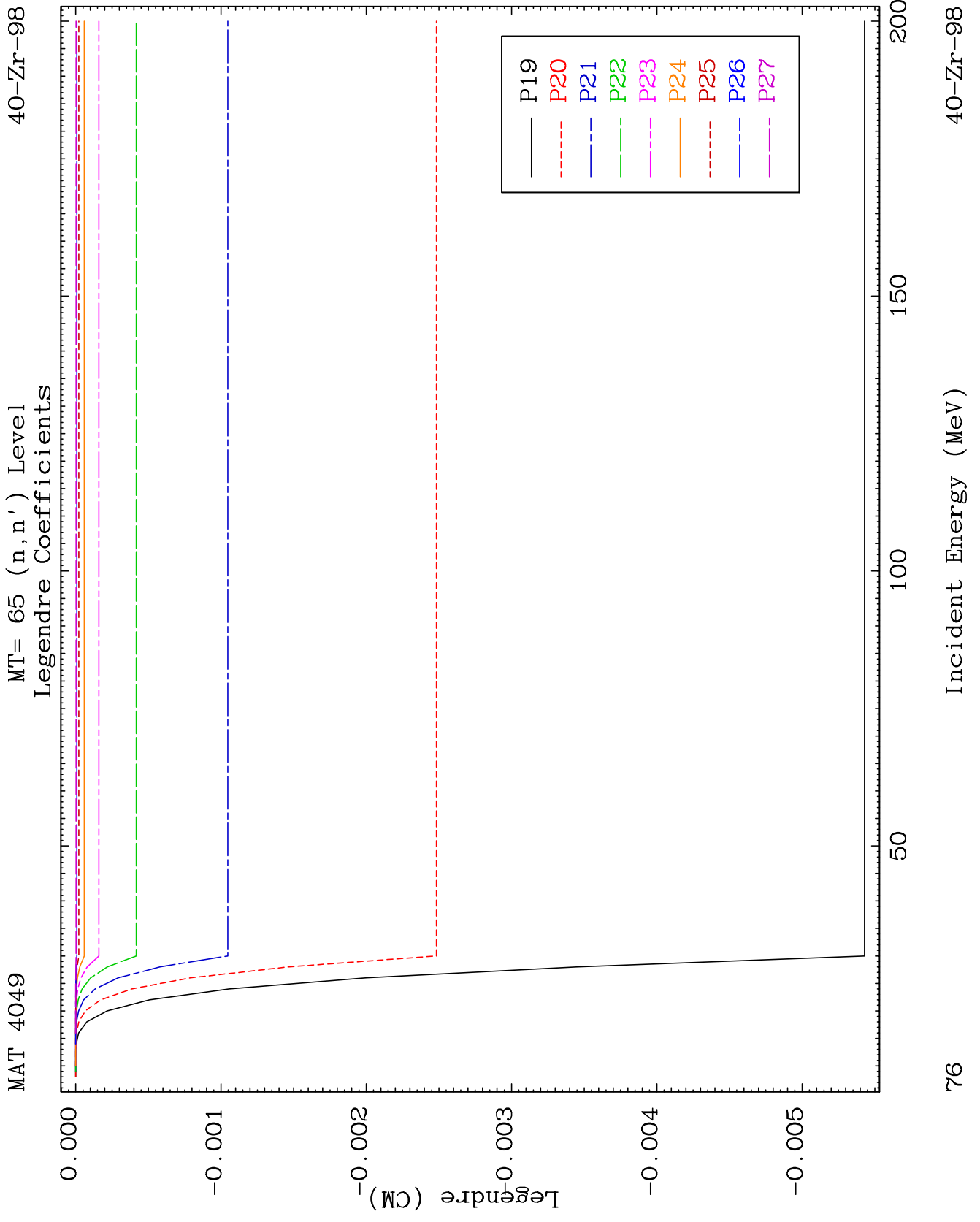
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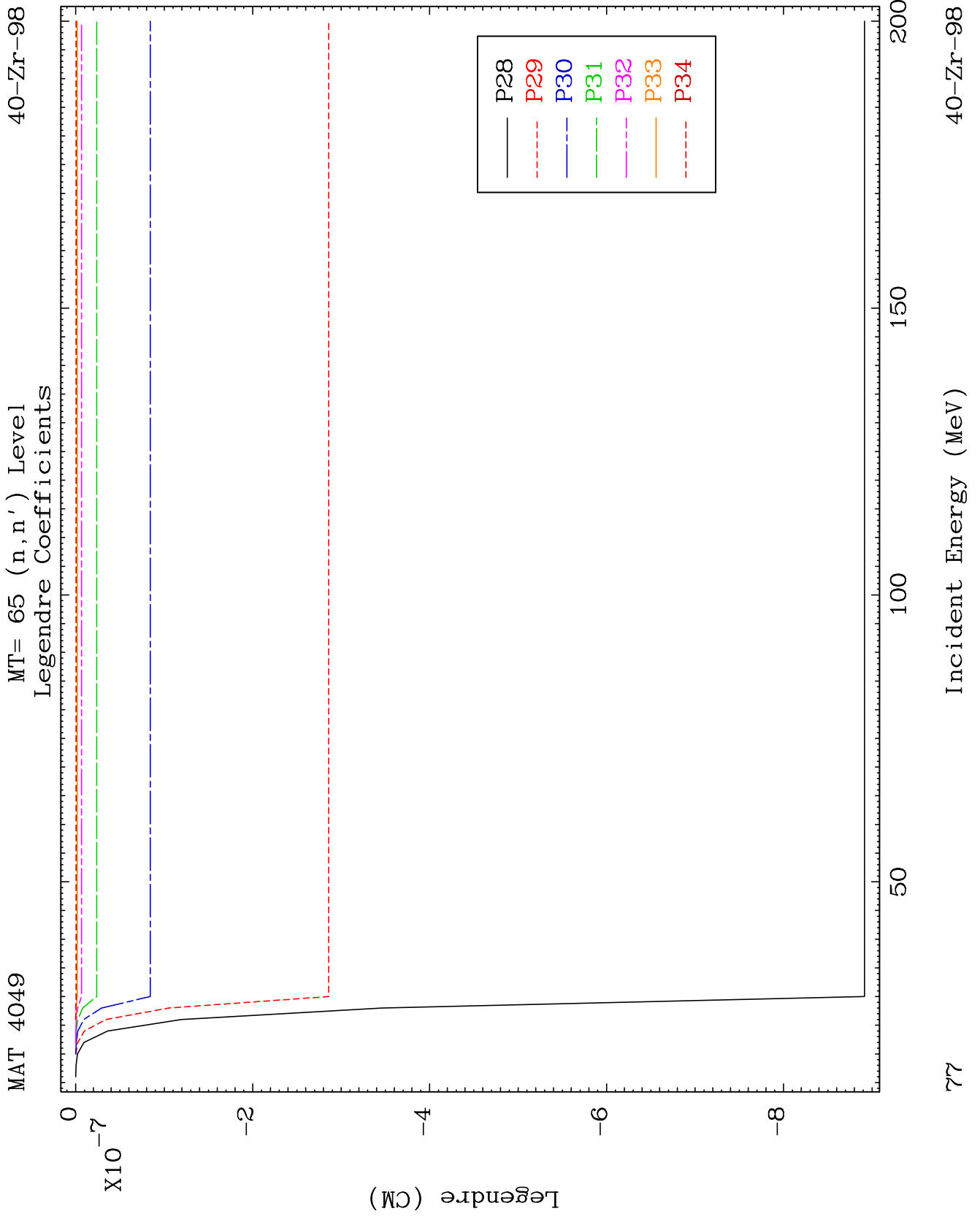


75

Incident Energy (MeV)

40-Zr-98

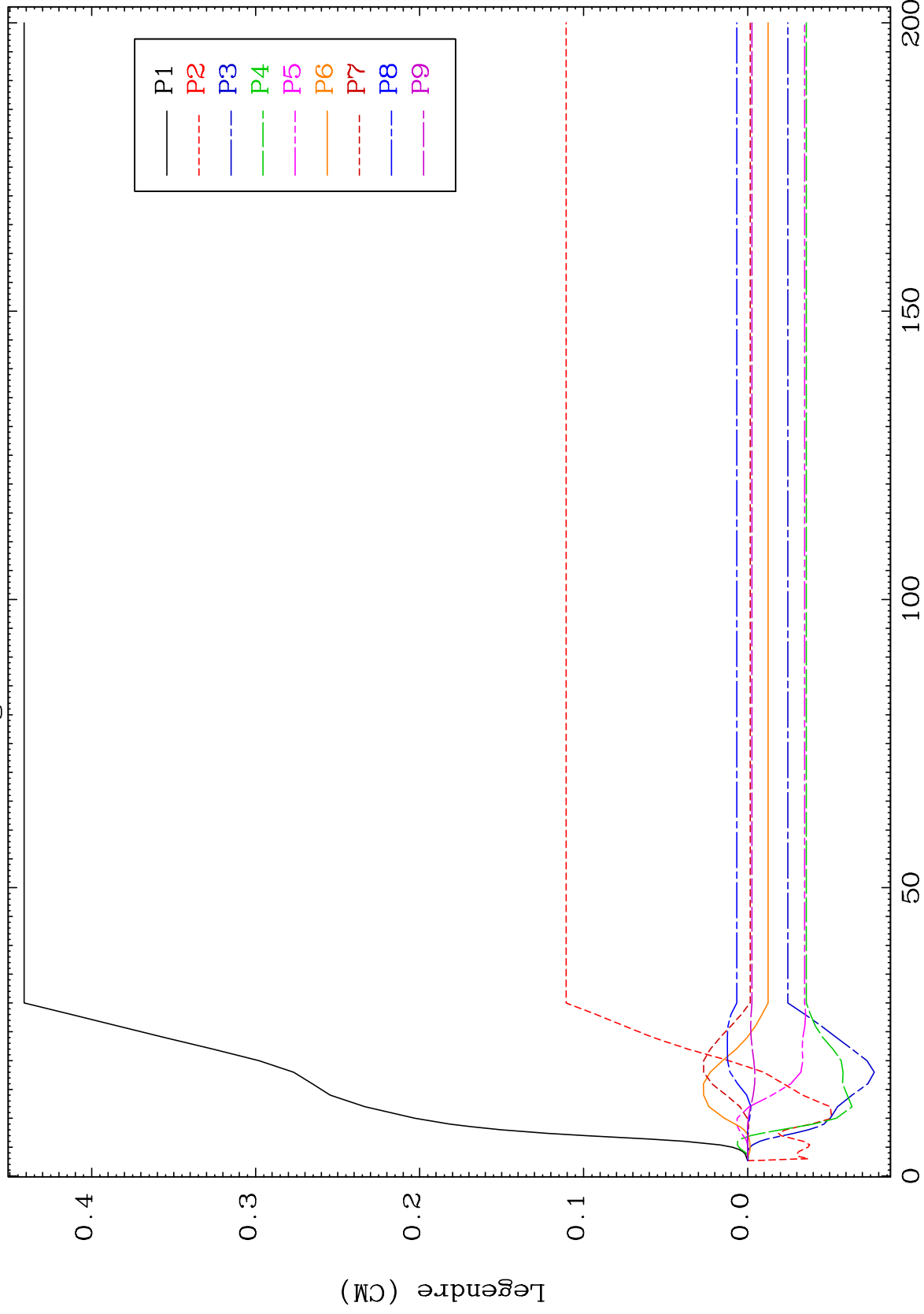




MAT 4049

MT= 66 (n,n') Level  
Legendre Coefficients

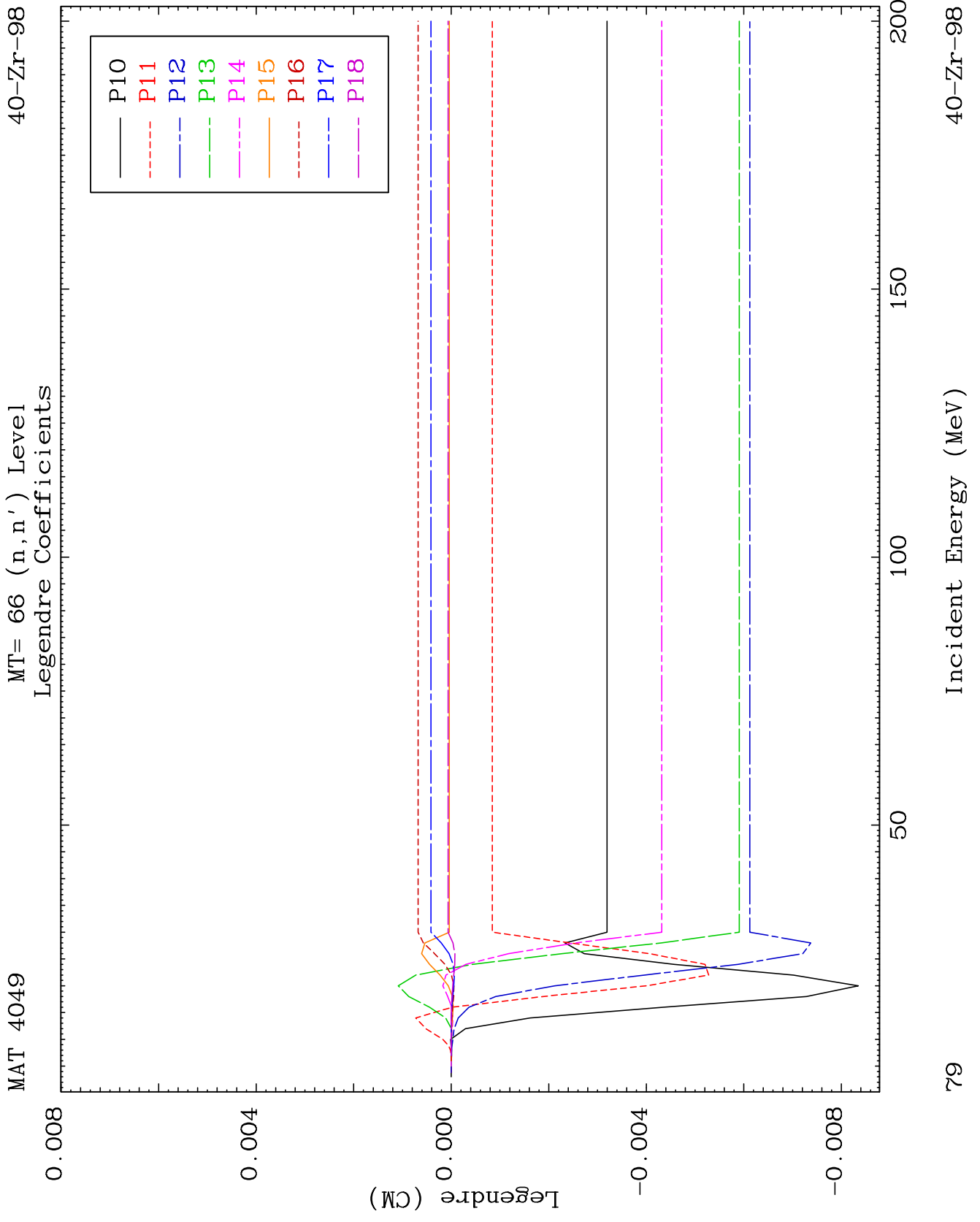
40-Zr-98



78

Incident Energy (MeV)

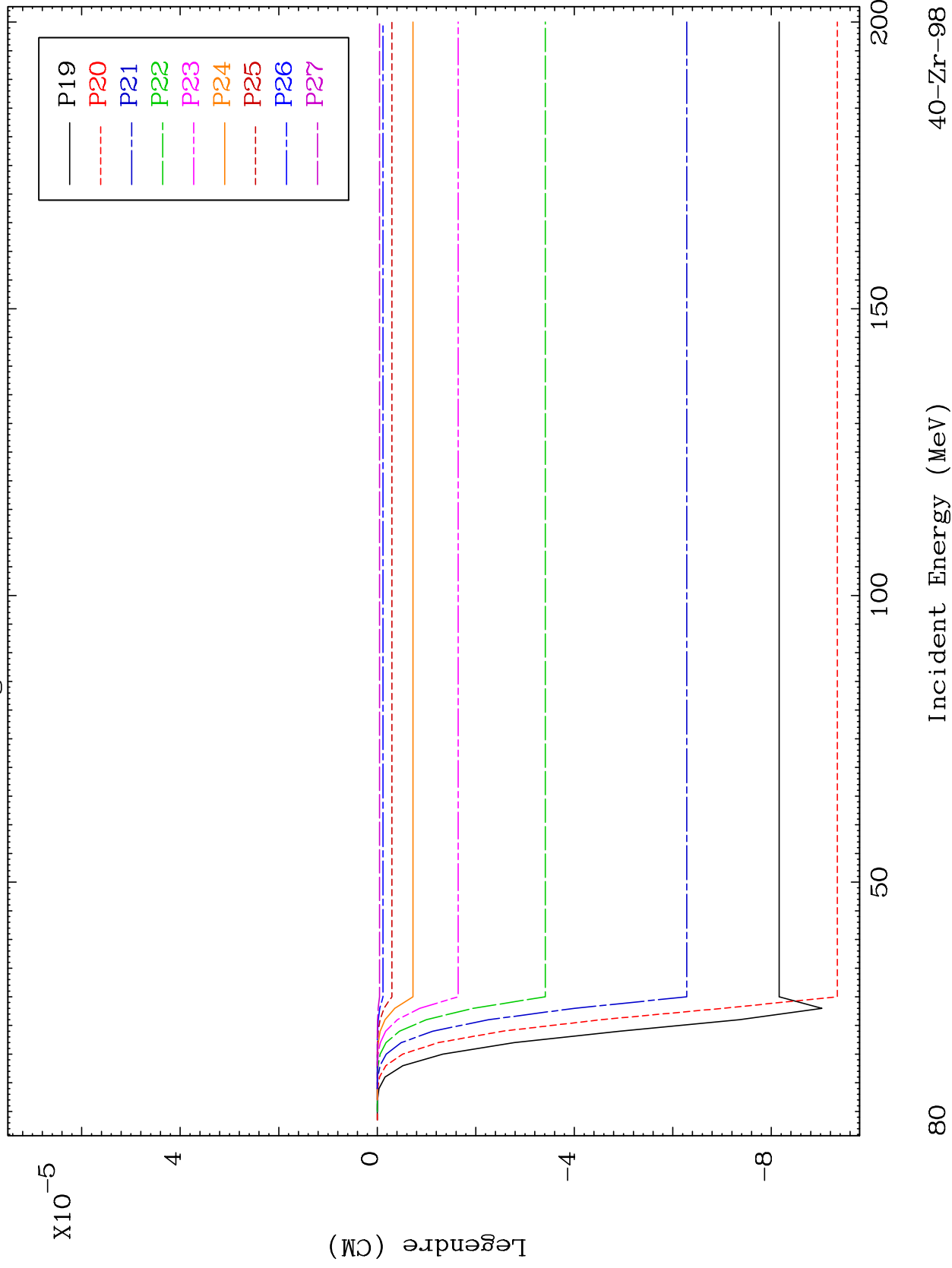
40-Zr-98

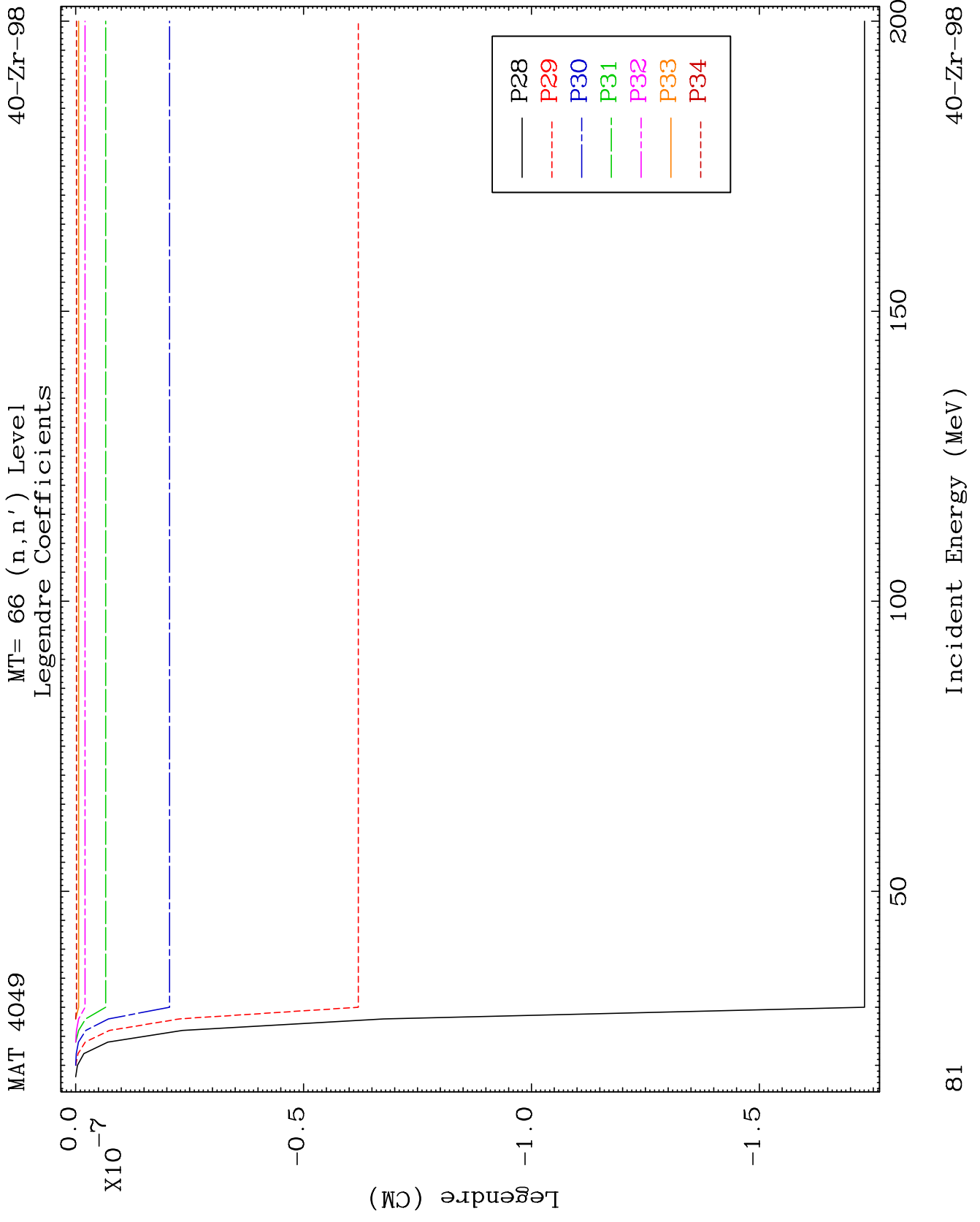


MAT 4049

MT= 66 (n,n') Level  
Legendre Coefficients

40-Zr-98

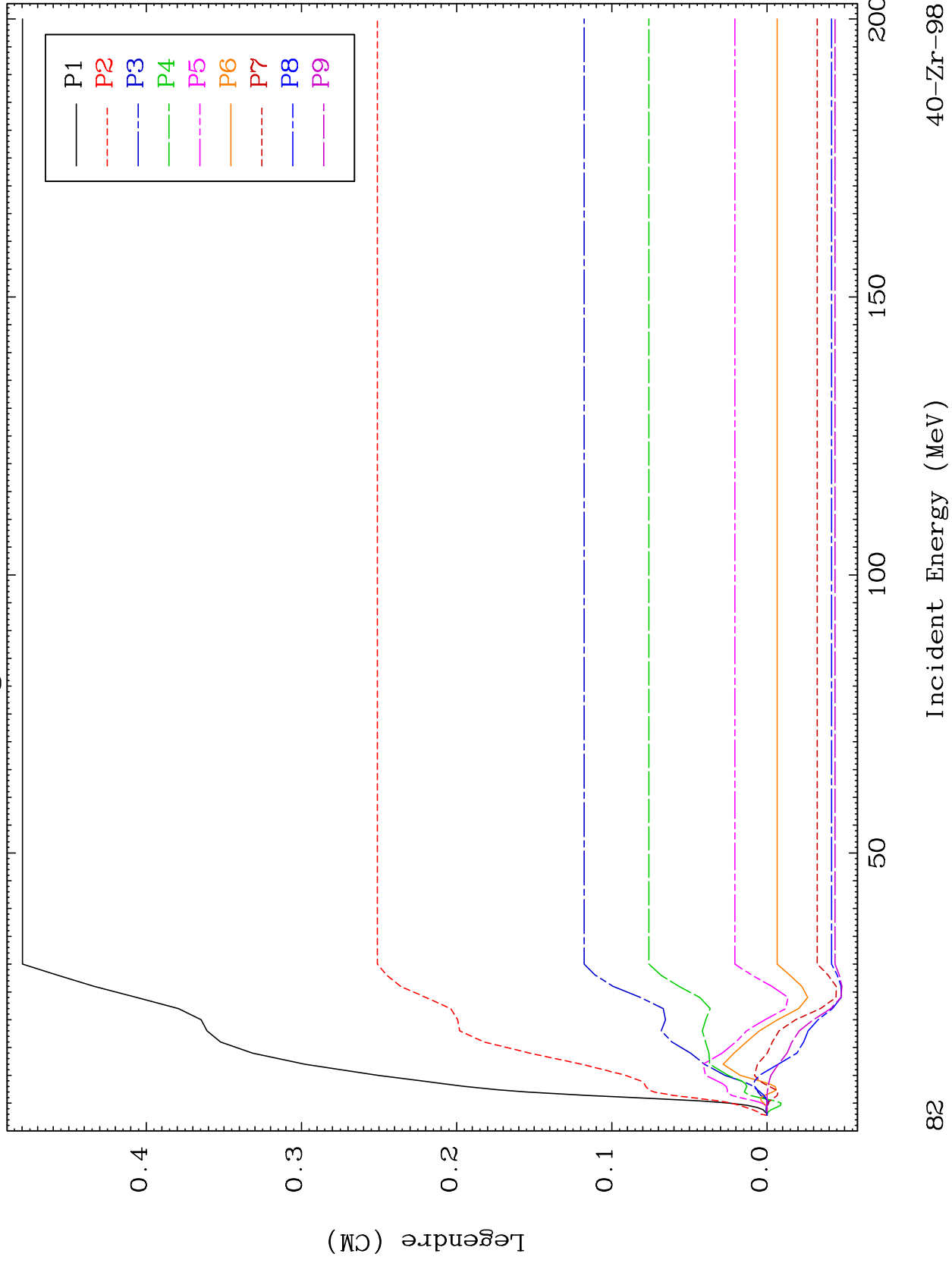




MAT 4049

MT= 67 (n,n') Level  
Legendre Coefficients

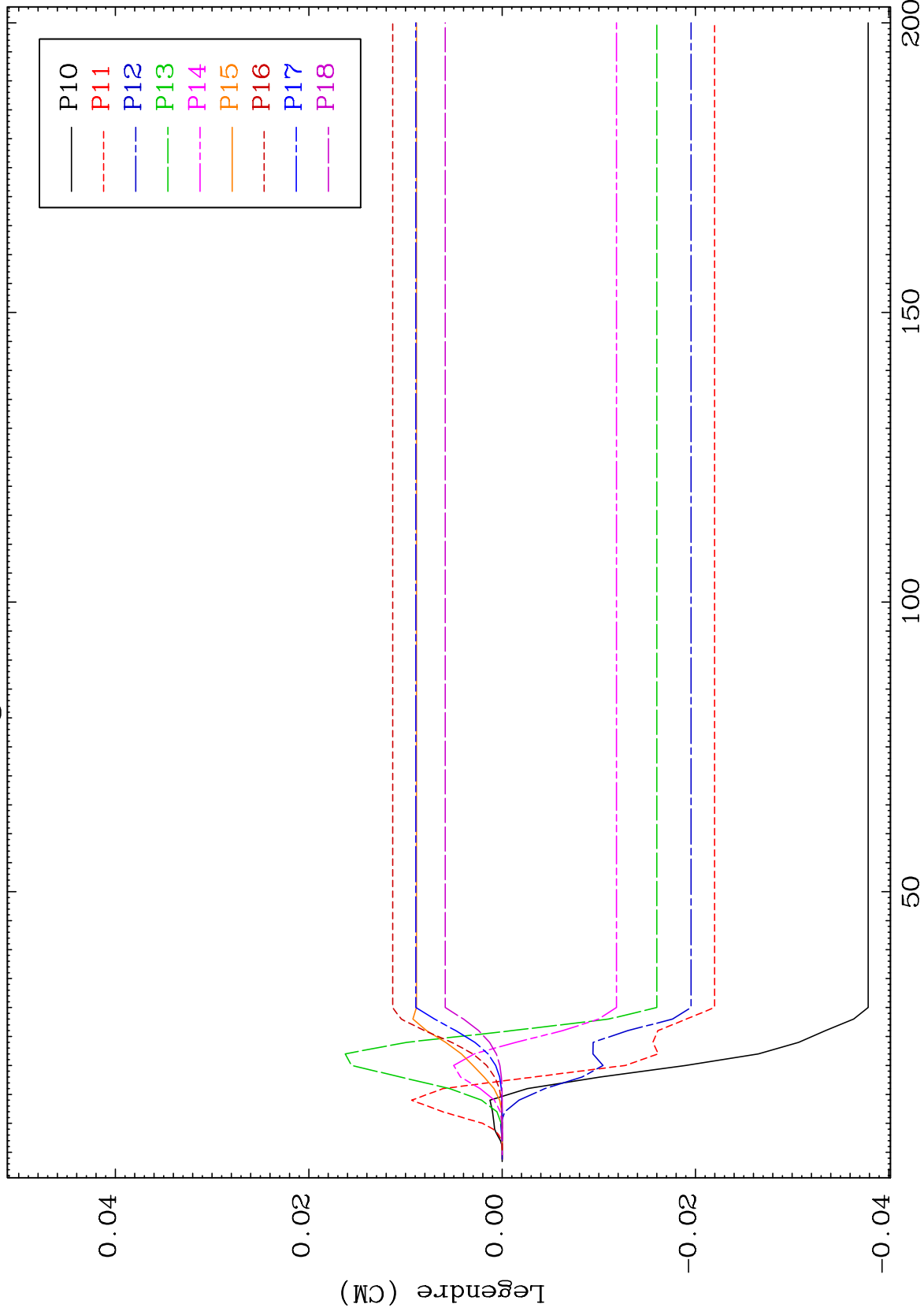
40-Zr-98



MAT 4049

MT= 67 (n,n') Level  
Legendre Coefficients

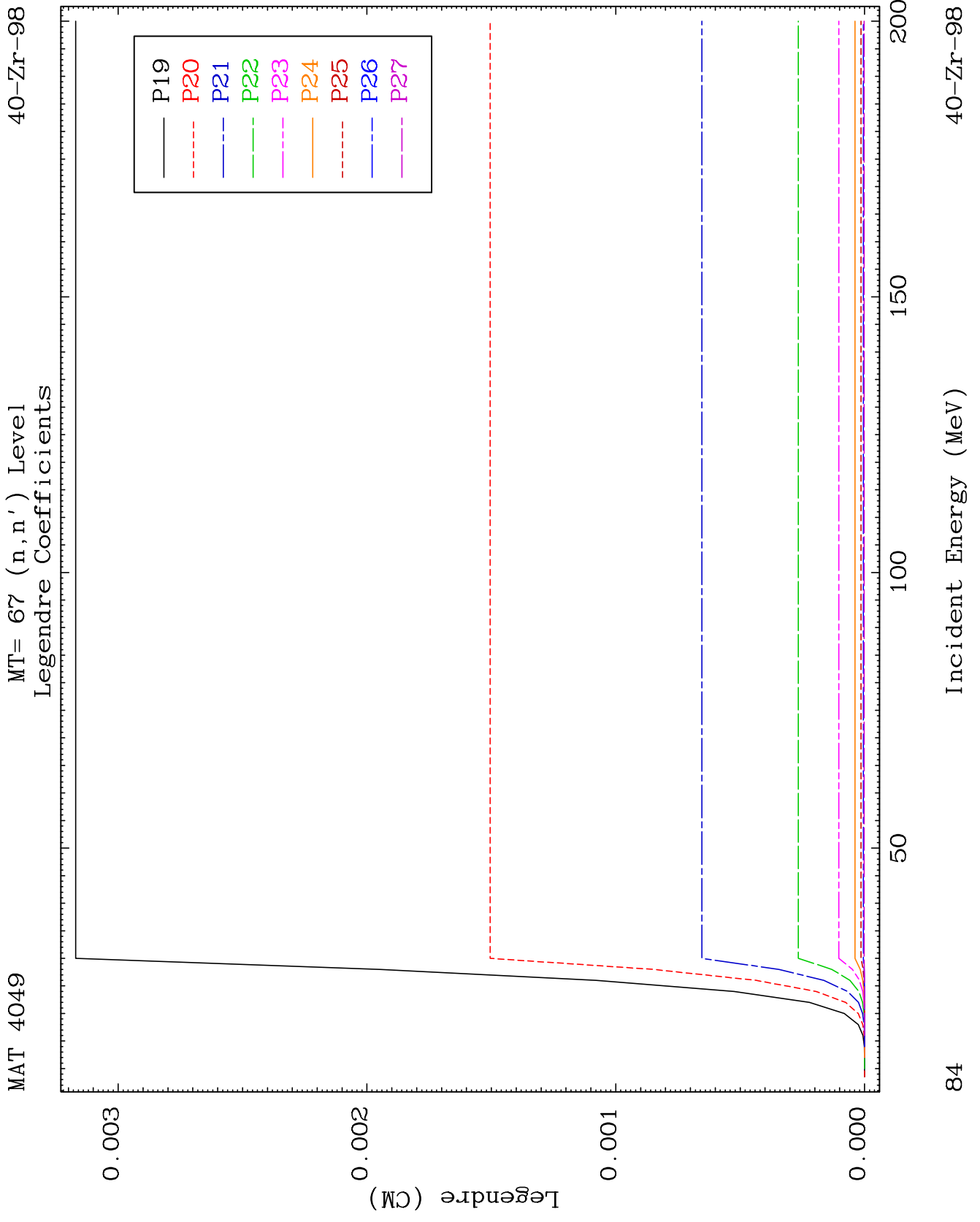
40-Zr-98



83

Incident Energy (MeV)

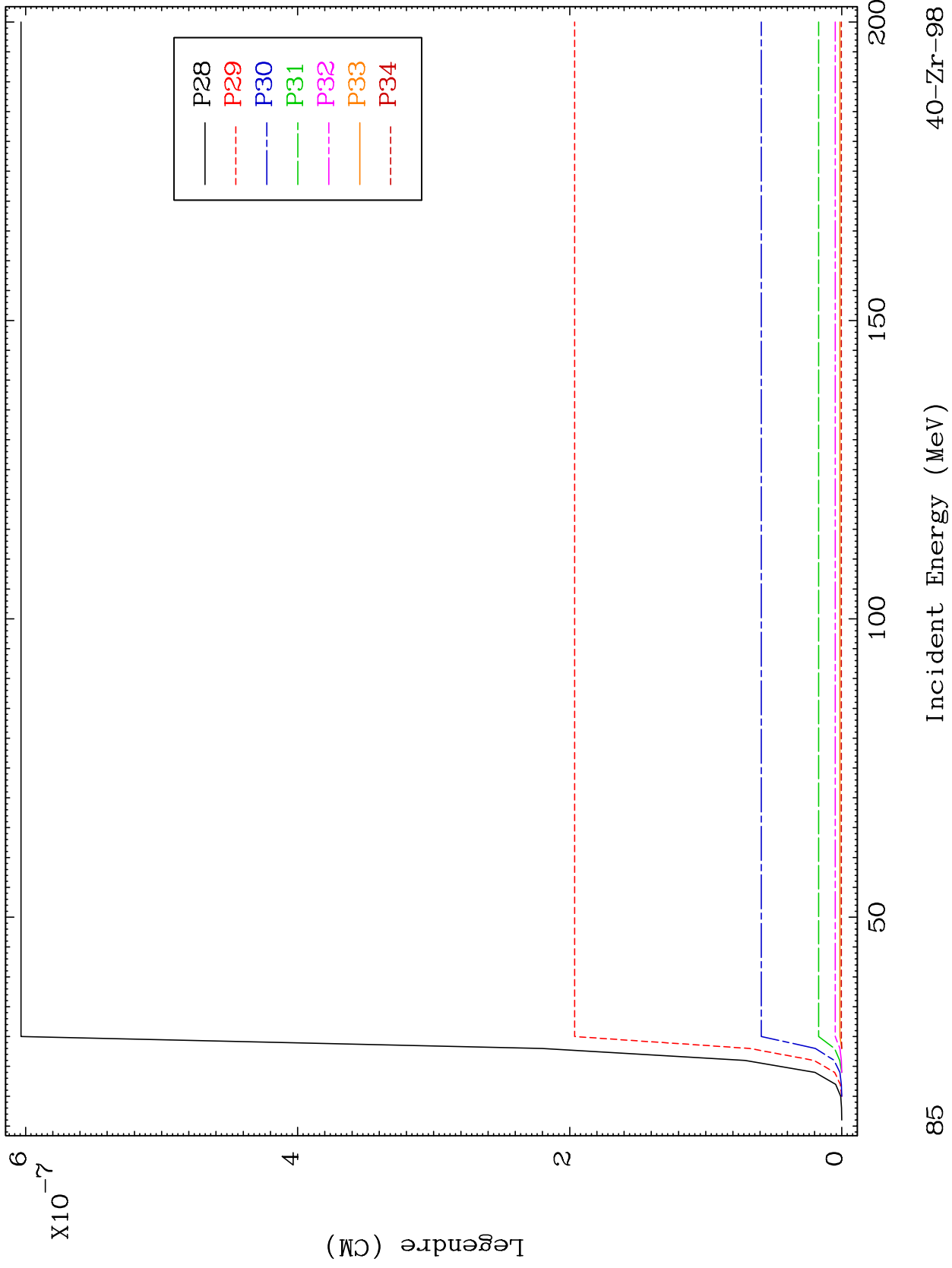
40-Zr-98



MAT 4049

MT= 67 (n,n') Level  
Legendre Coefficients

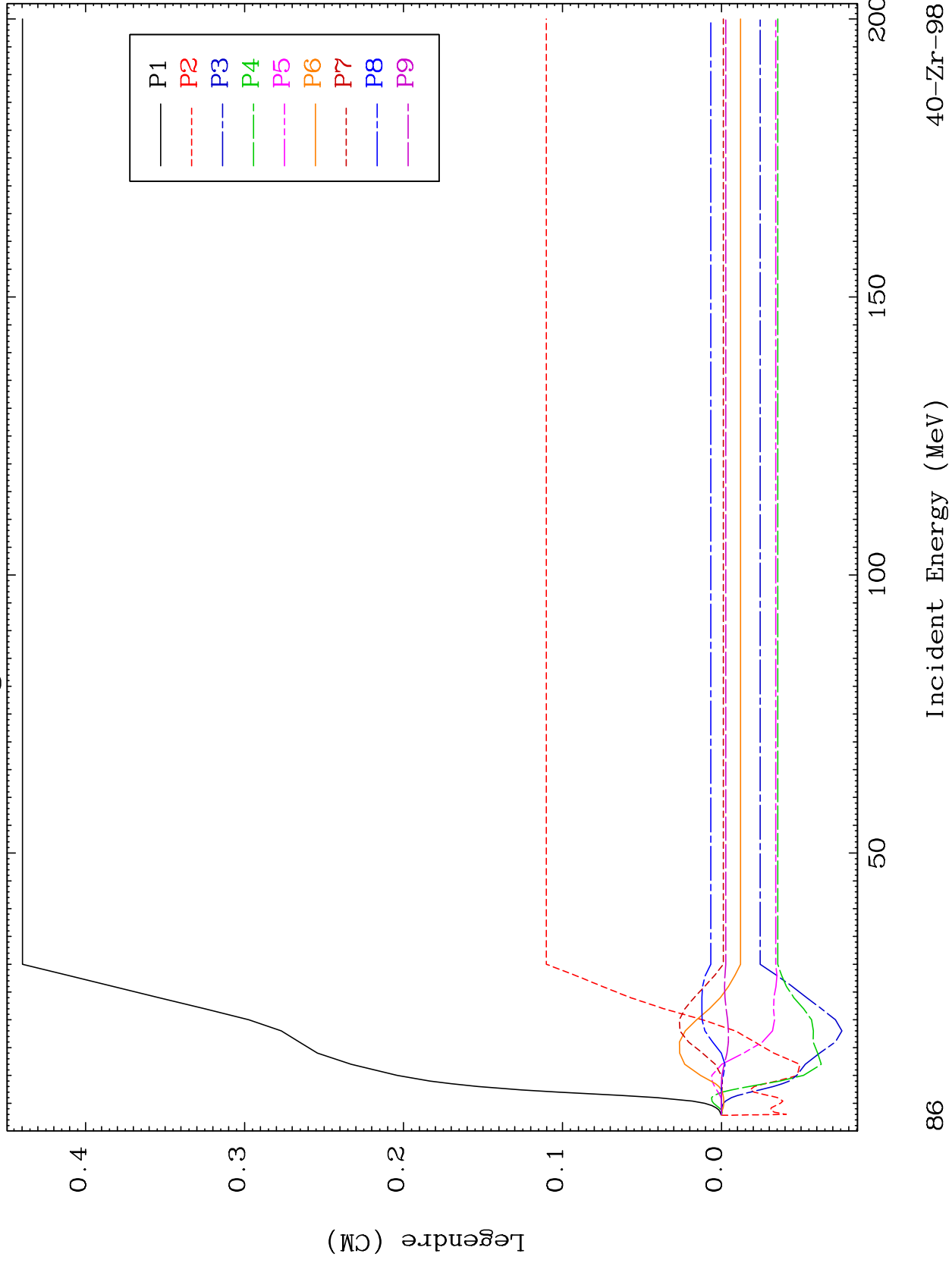
40-Zr-98



MAT 4049

MT= 68 (n,n') Level  
Legendre Coefficients

40-Zr-98



86

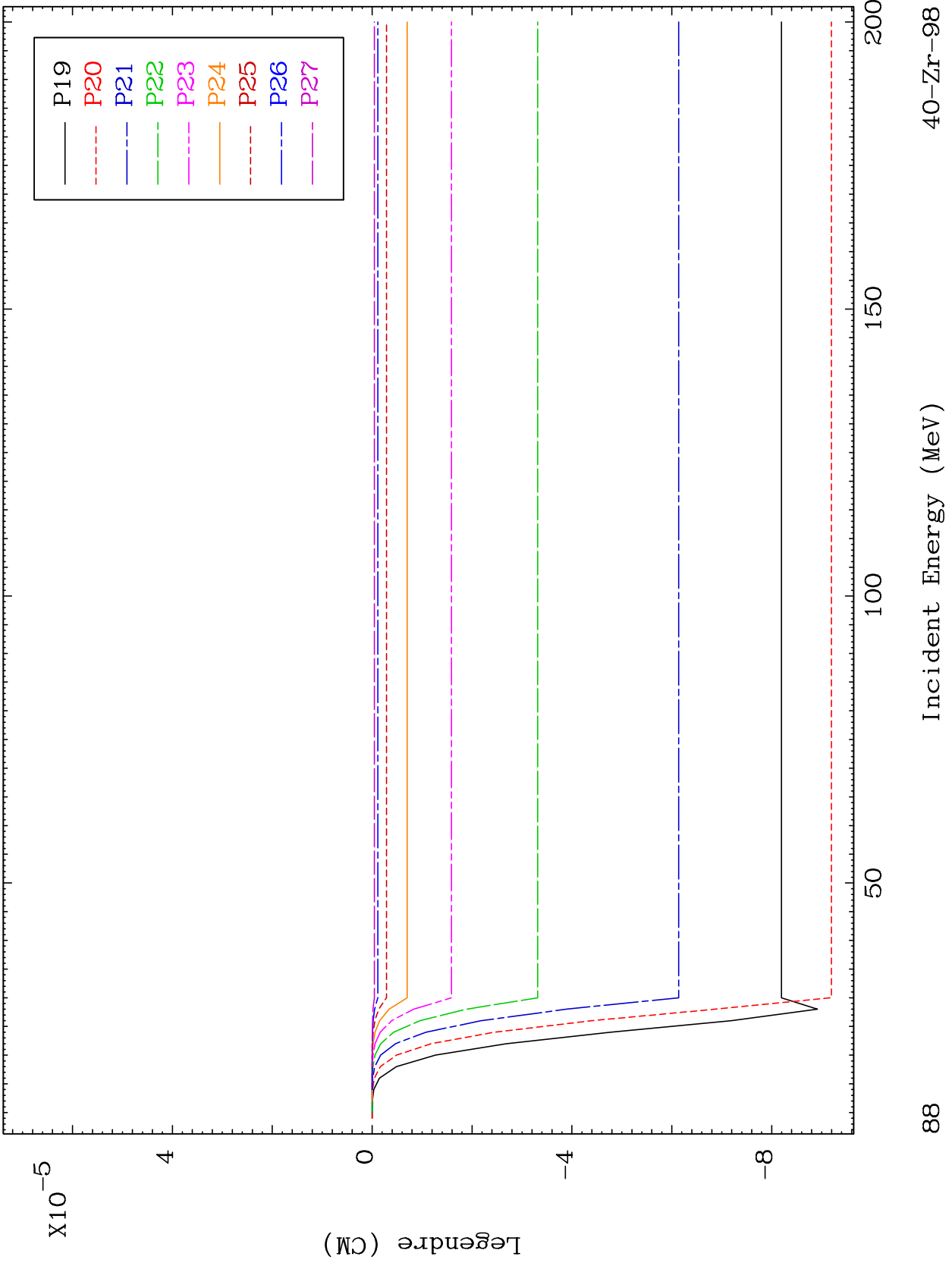
40-Zr-98

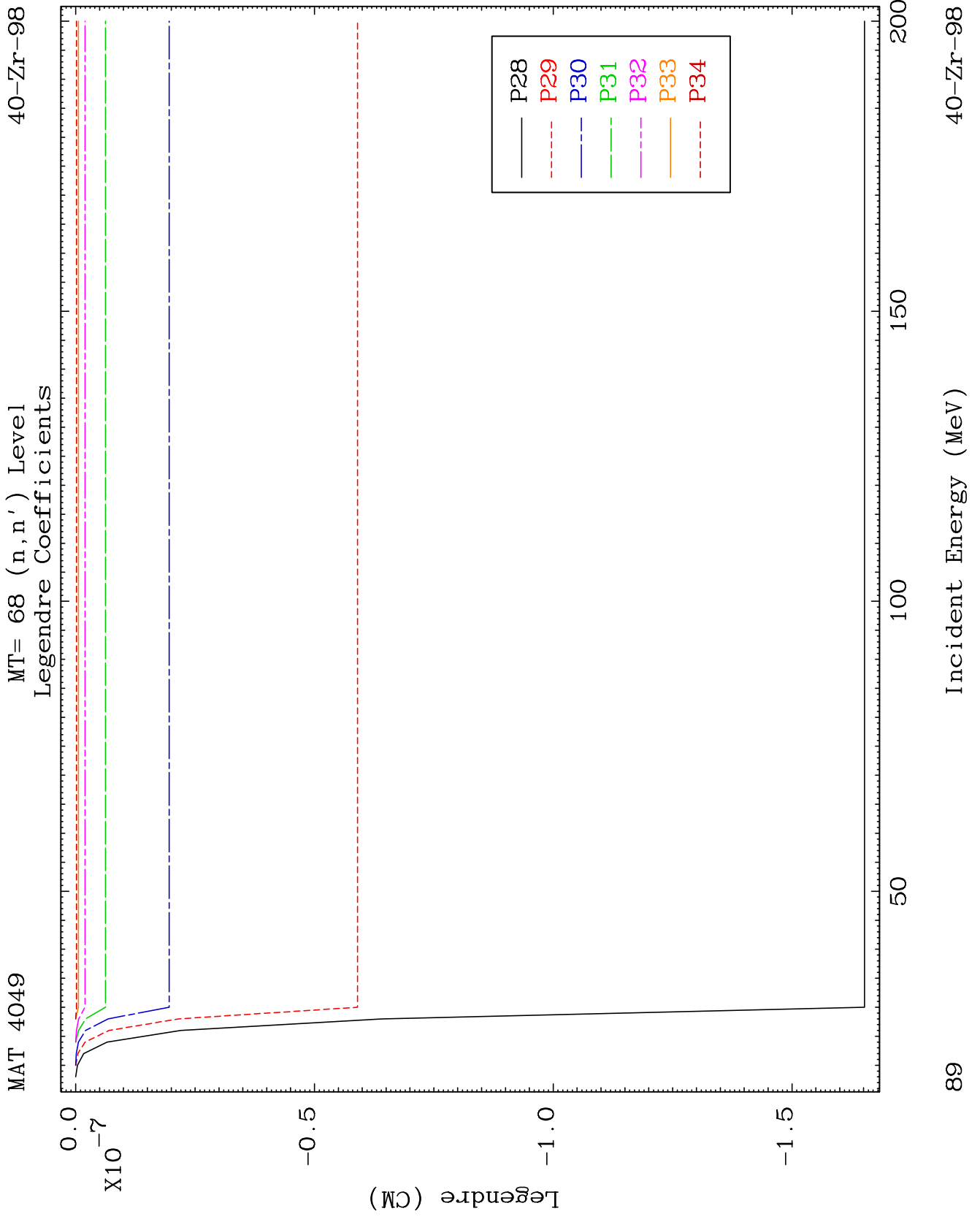


MAT 4049

MT= 68 (n,n') Level  
Legendre Coefficients

40-Zr-98

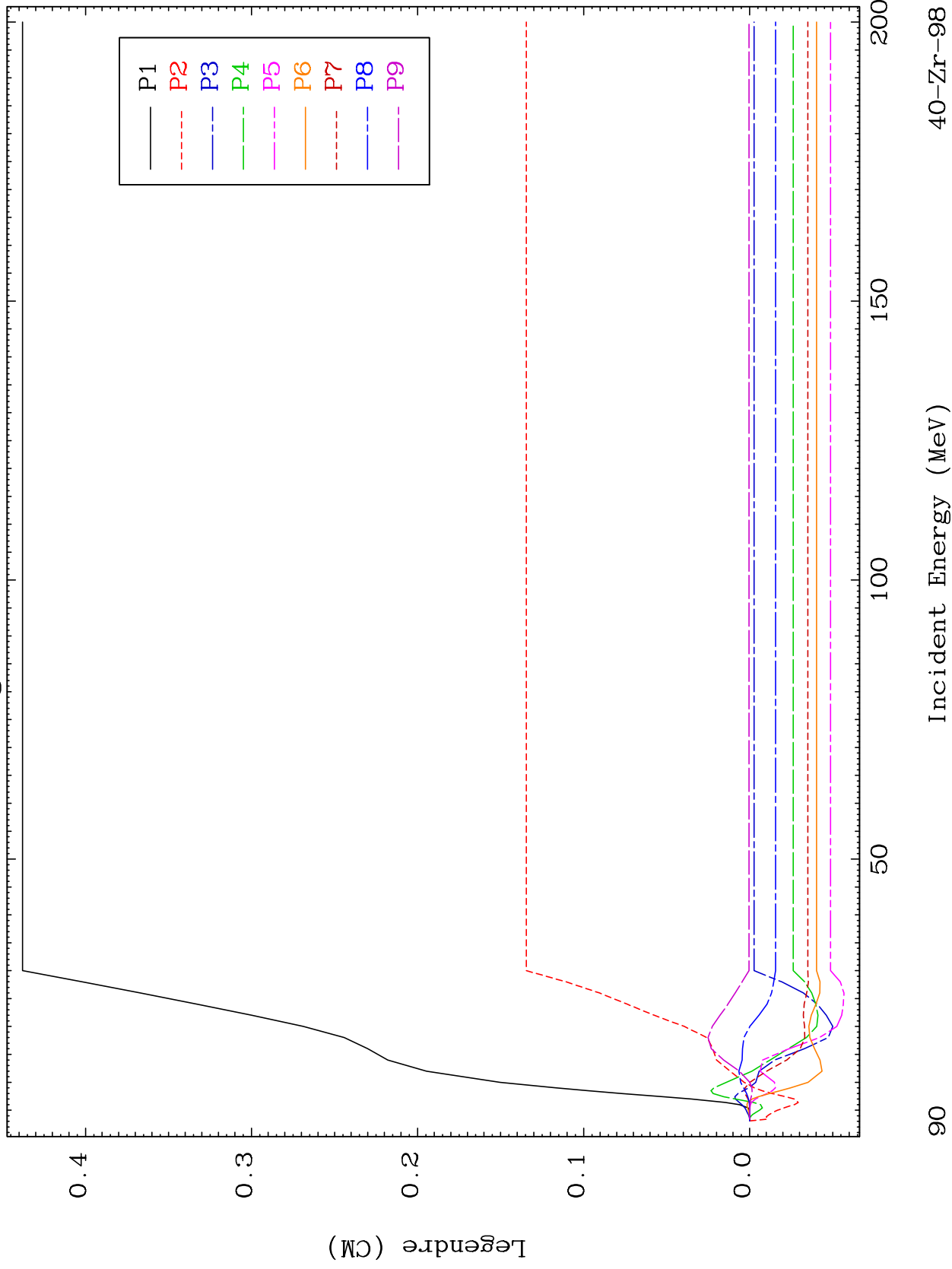




MAT 4049

MT= 69 (n,n') Level  
Legendre Coefficients

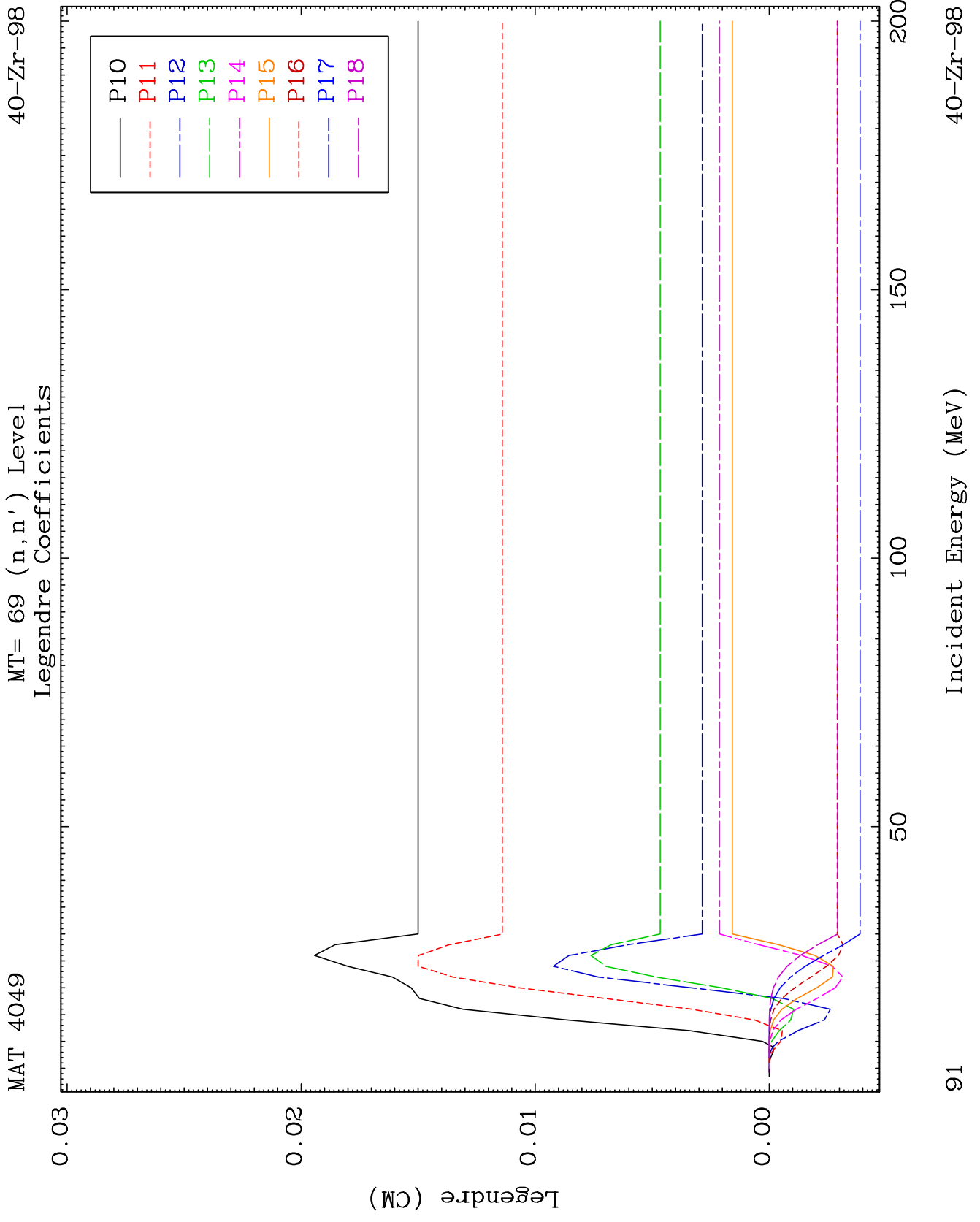
40-Zr-98



90

Incident Energy (MeV)

40-Zr-98



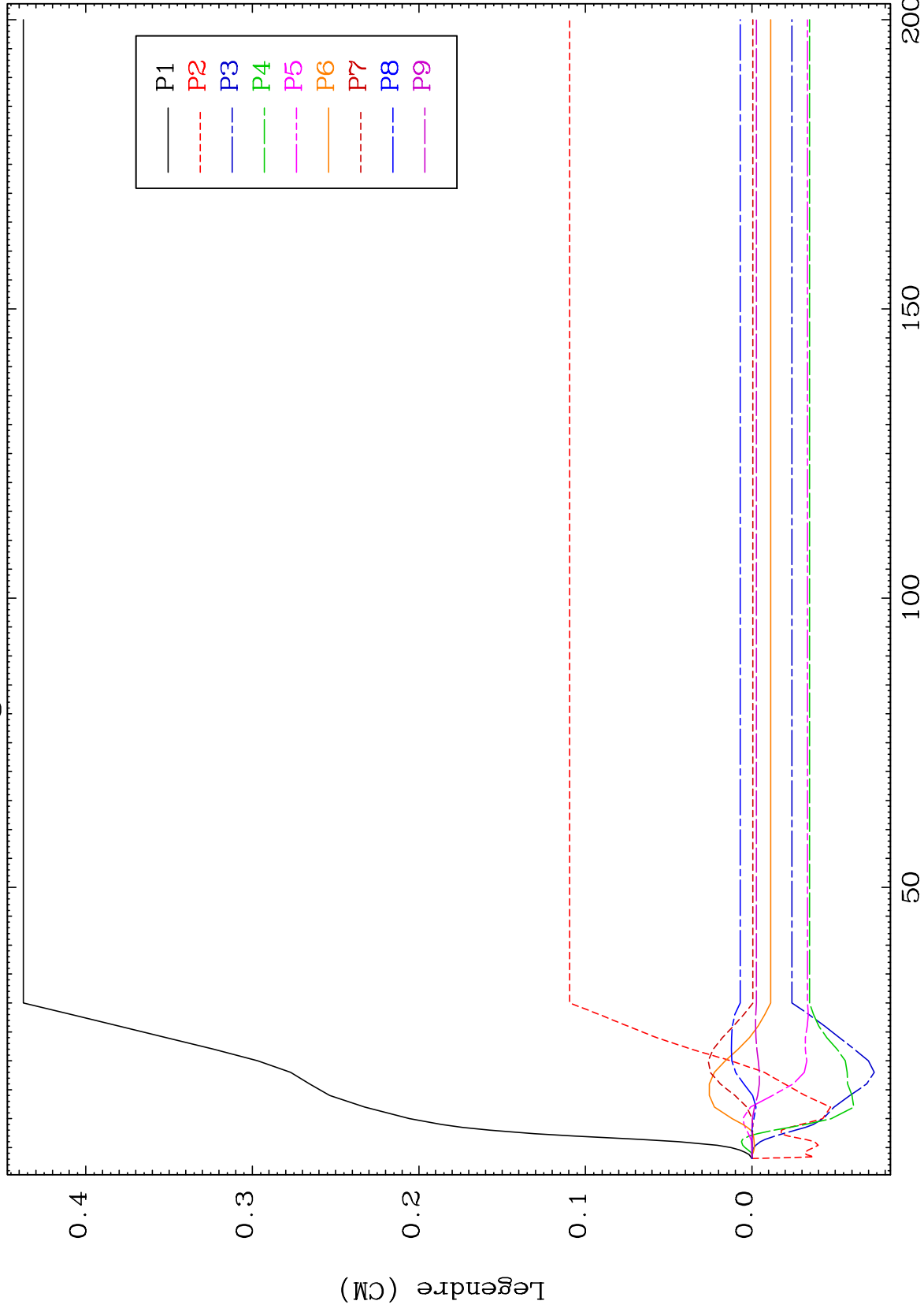




MAT 4049

MT= 70 (n,n') Level  
Legendre Coefficients

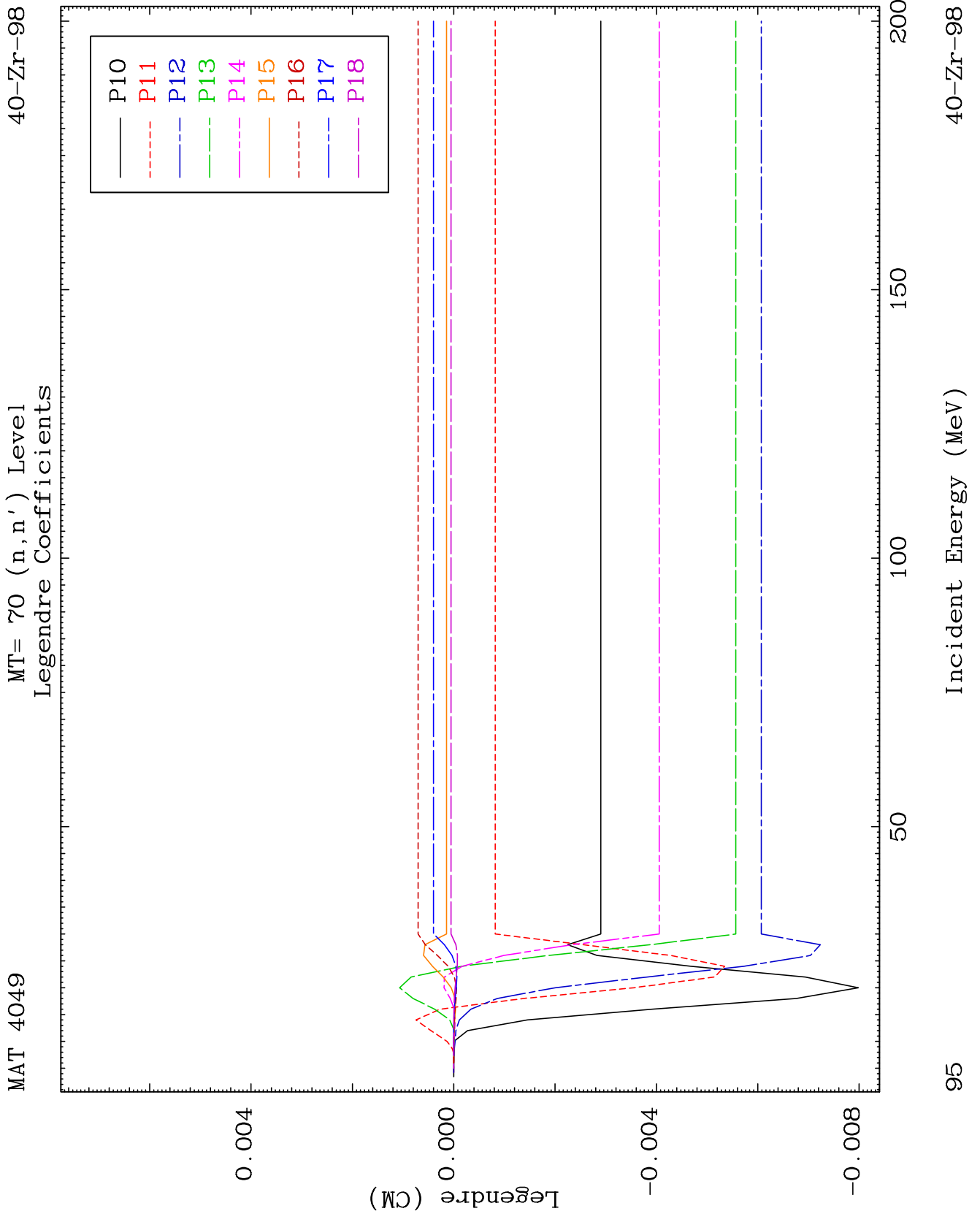
40-Zr-98



94

Incident Energy (MeV)

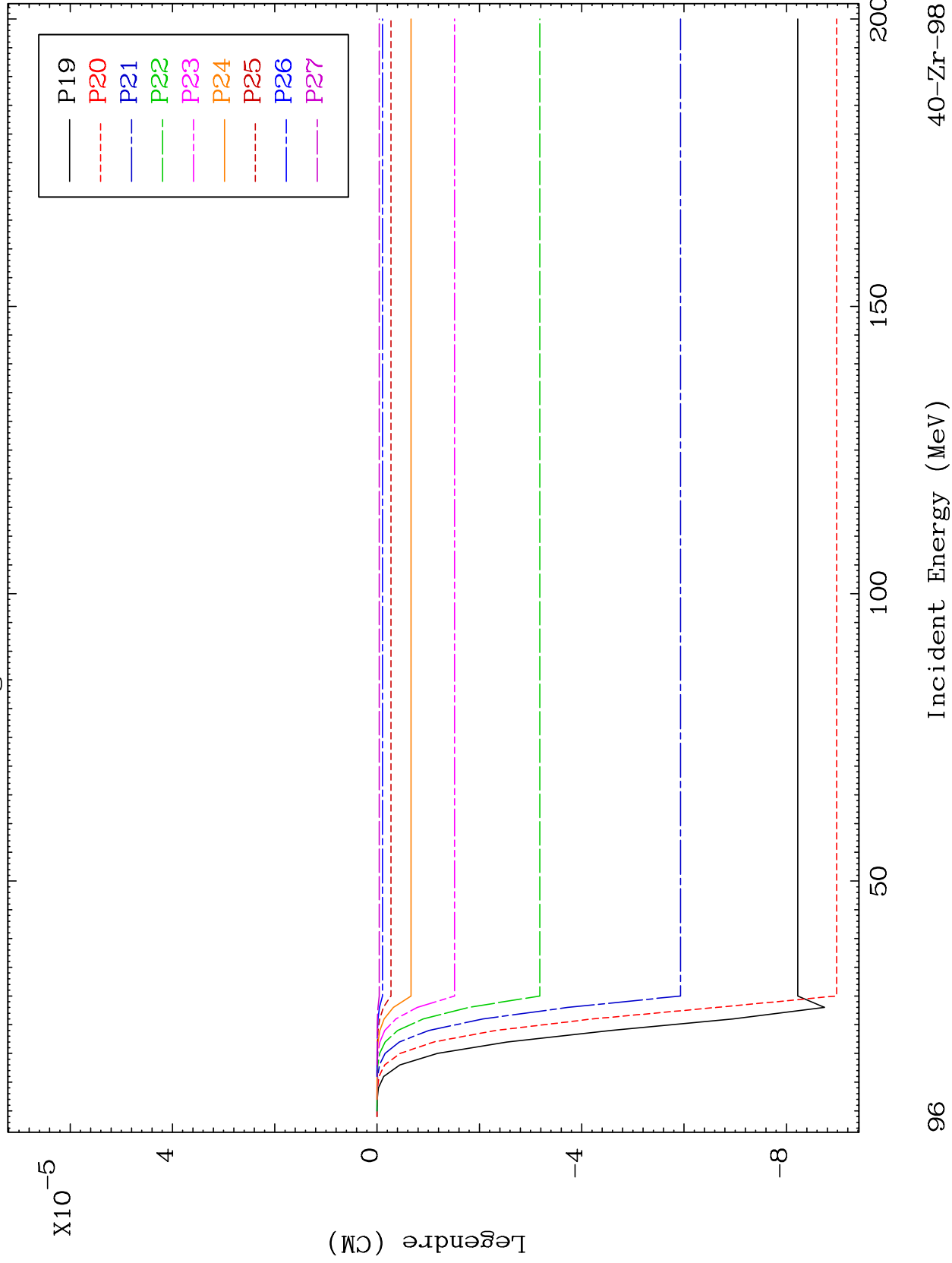
40-Zr-98

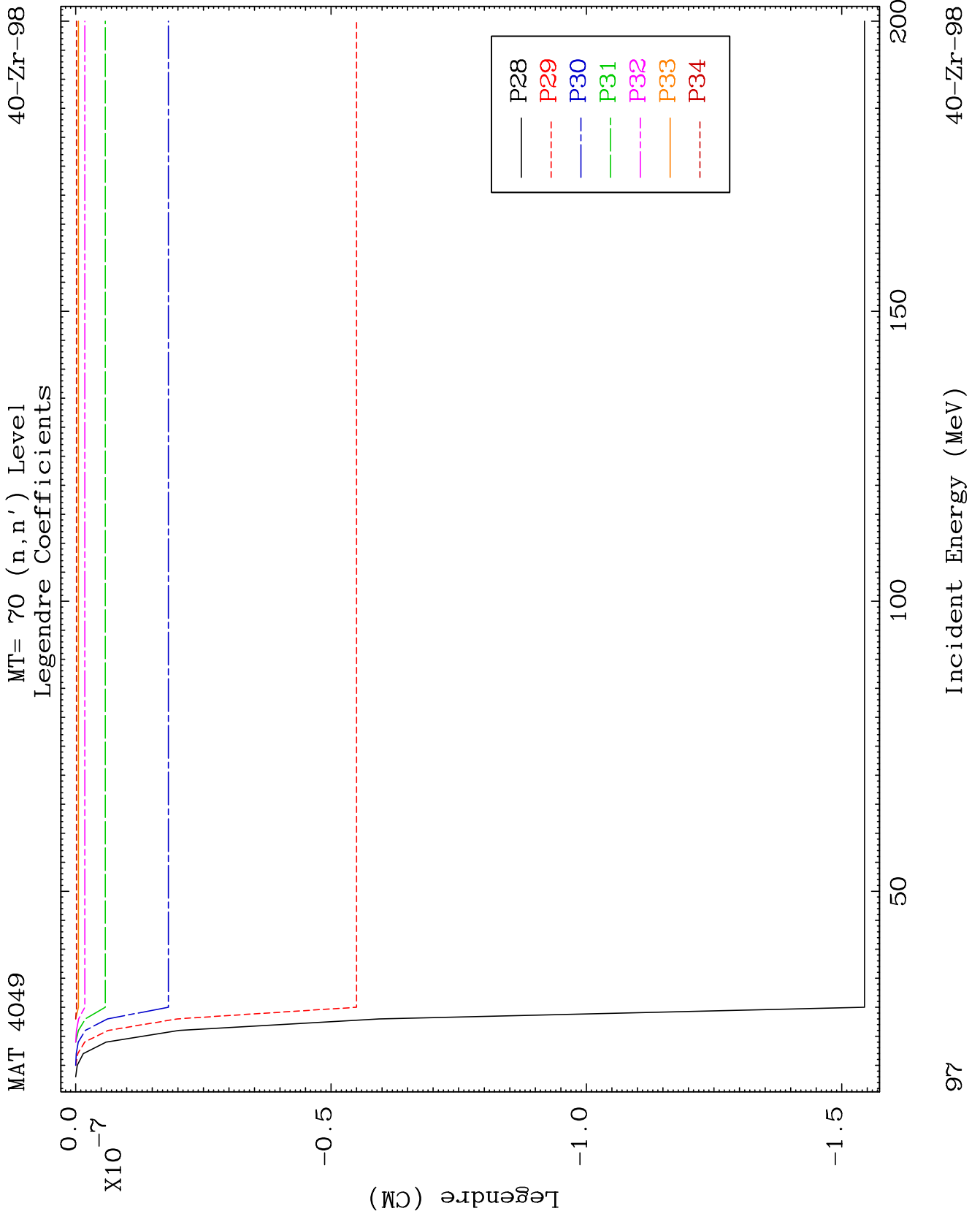


MAT 4049

MT= 70 (n,n') Level  
Legendre Coefficients

40-Zr-98

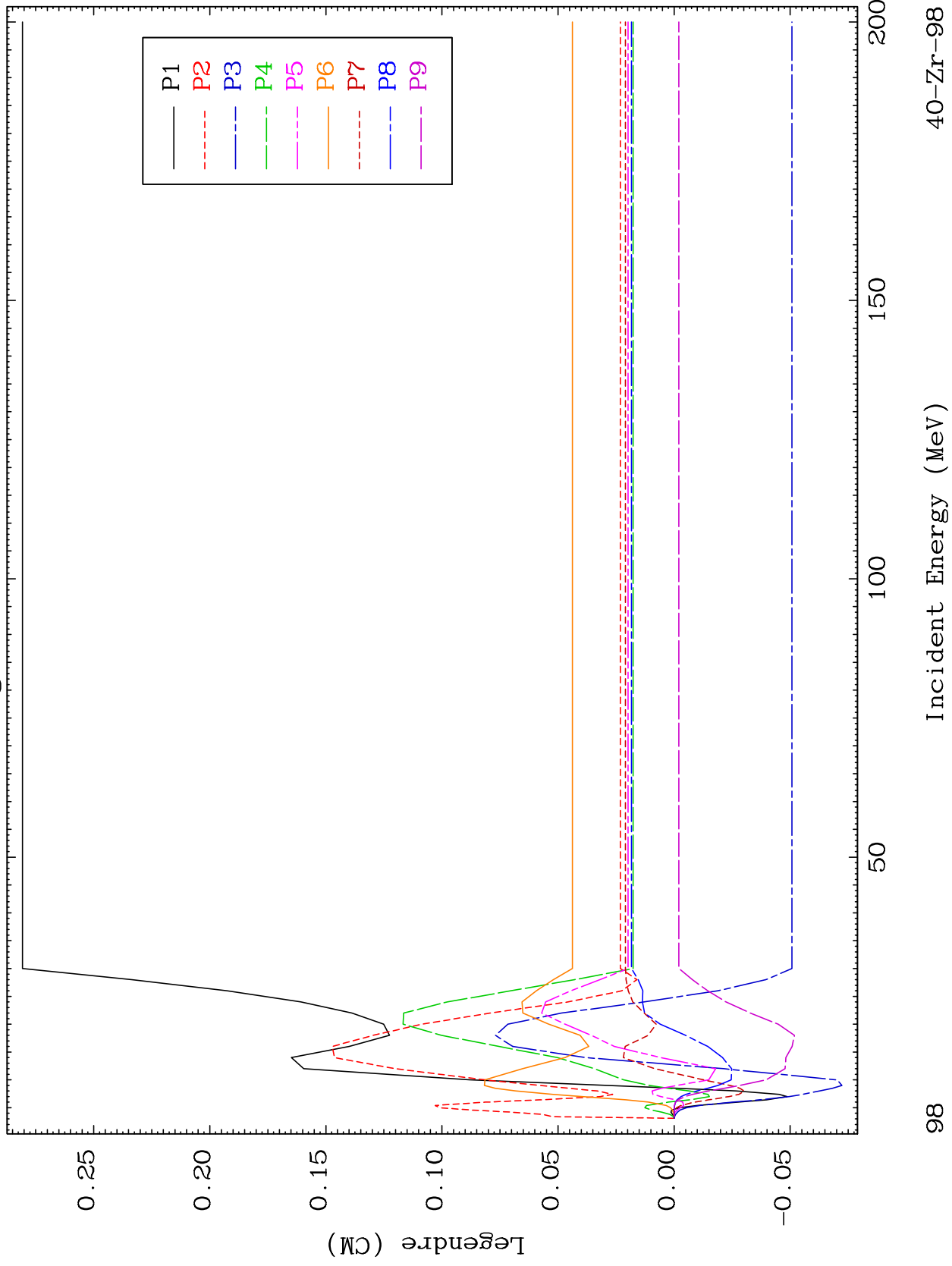




MAT 4049

MT= 71 (n,n') Level  
Legendre Coefficients

40-Zr-98

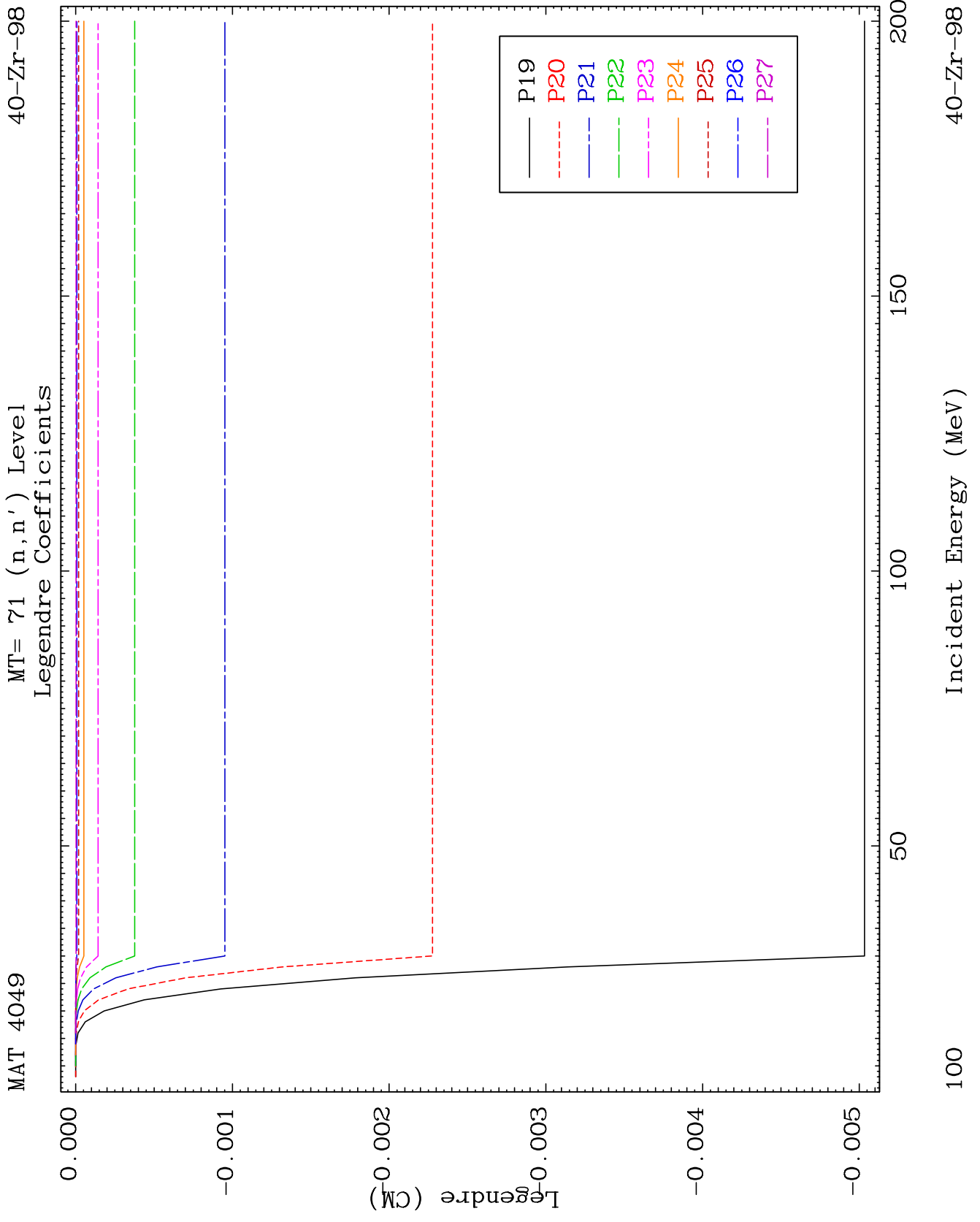


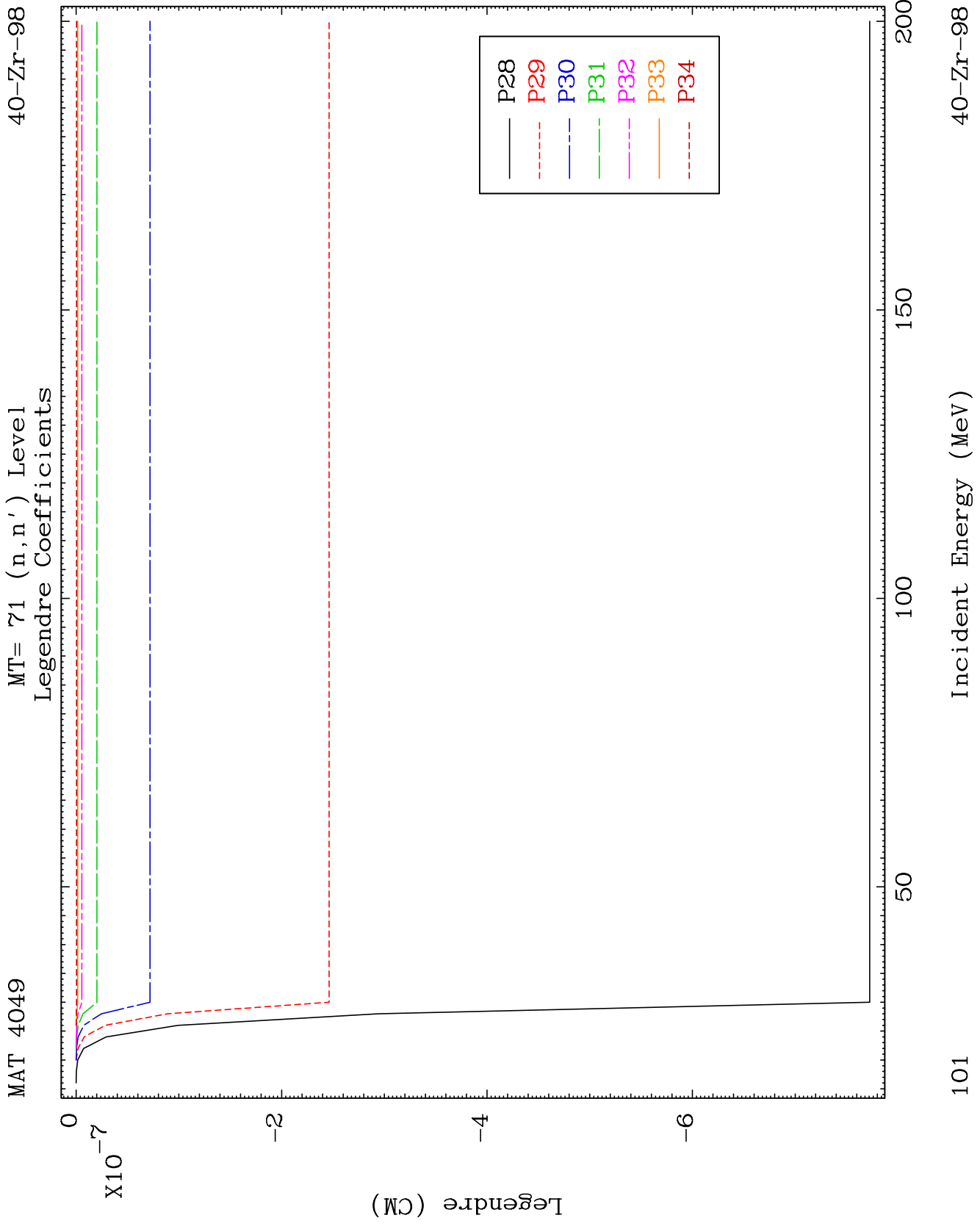
98

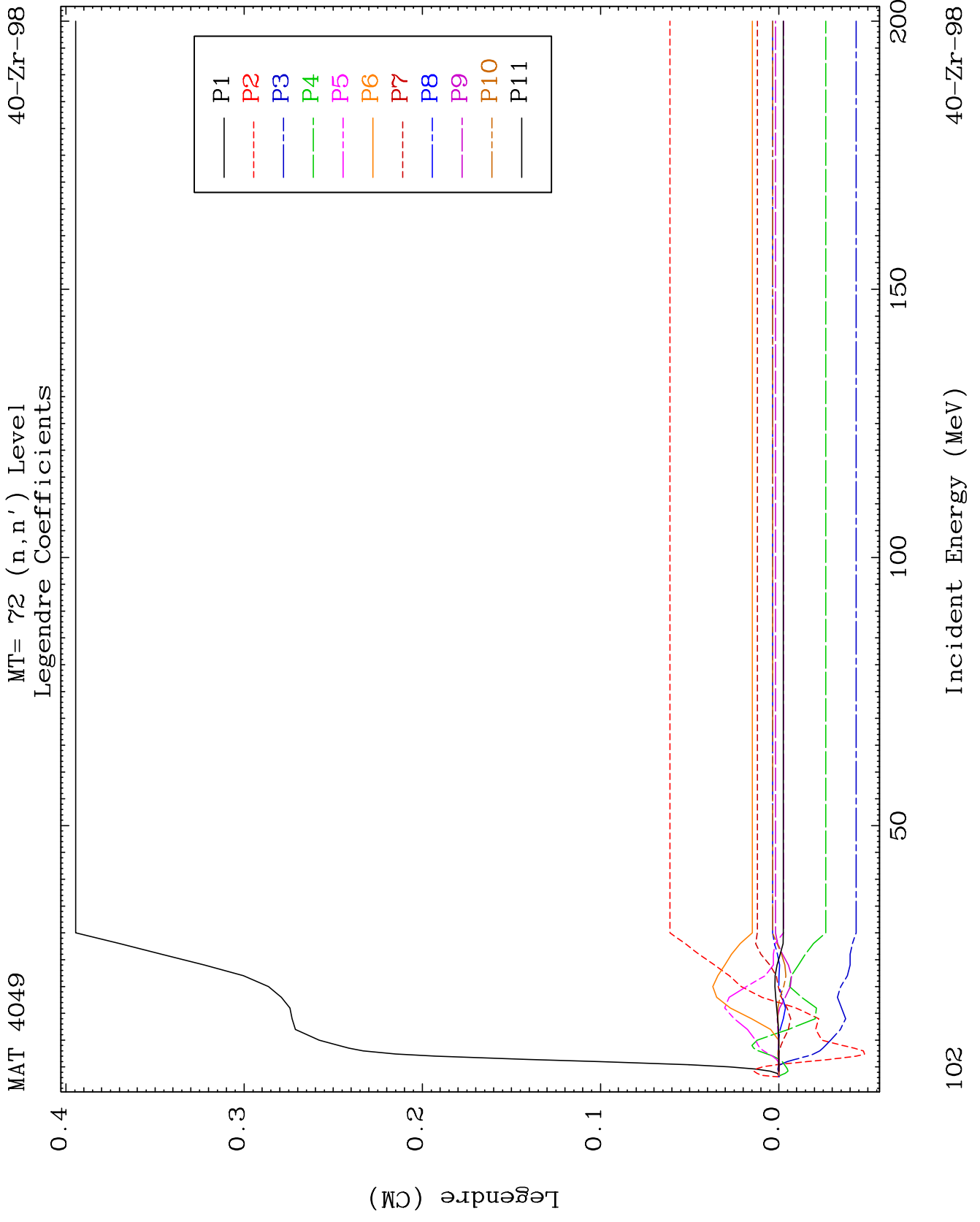
Incident Energy (MeV)

40-Zr-98





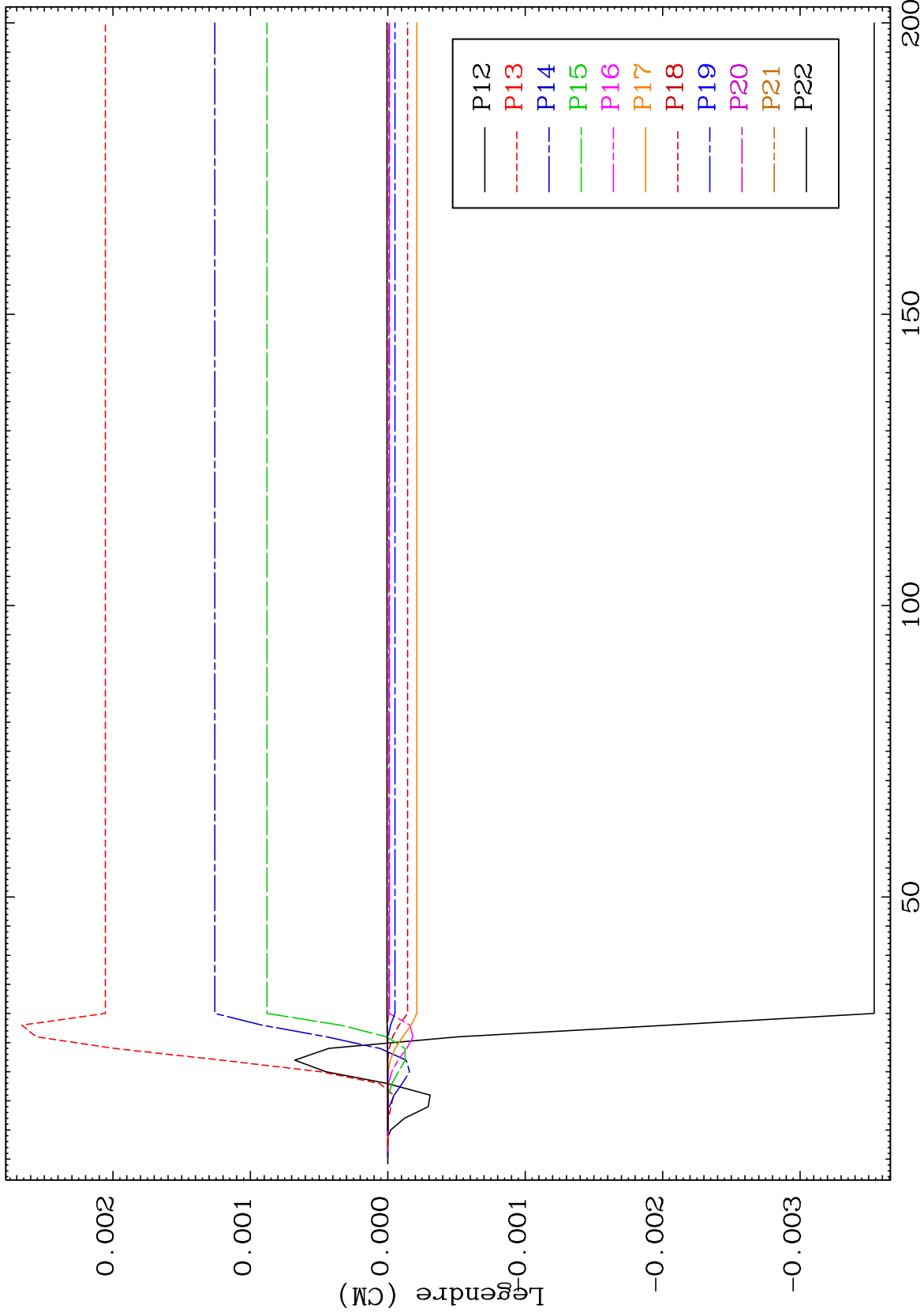


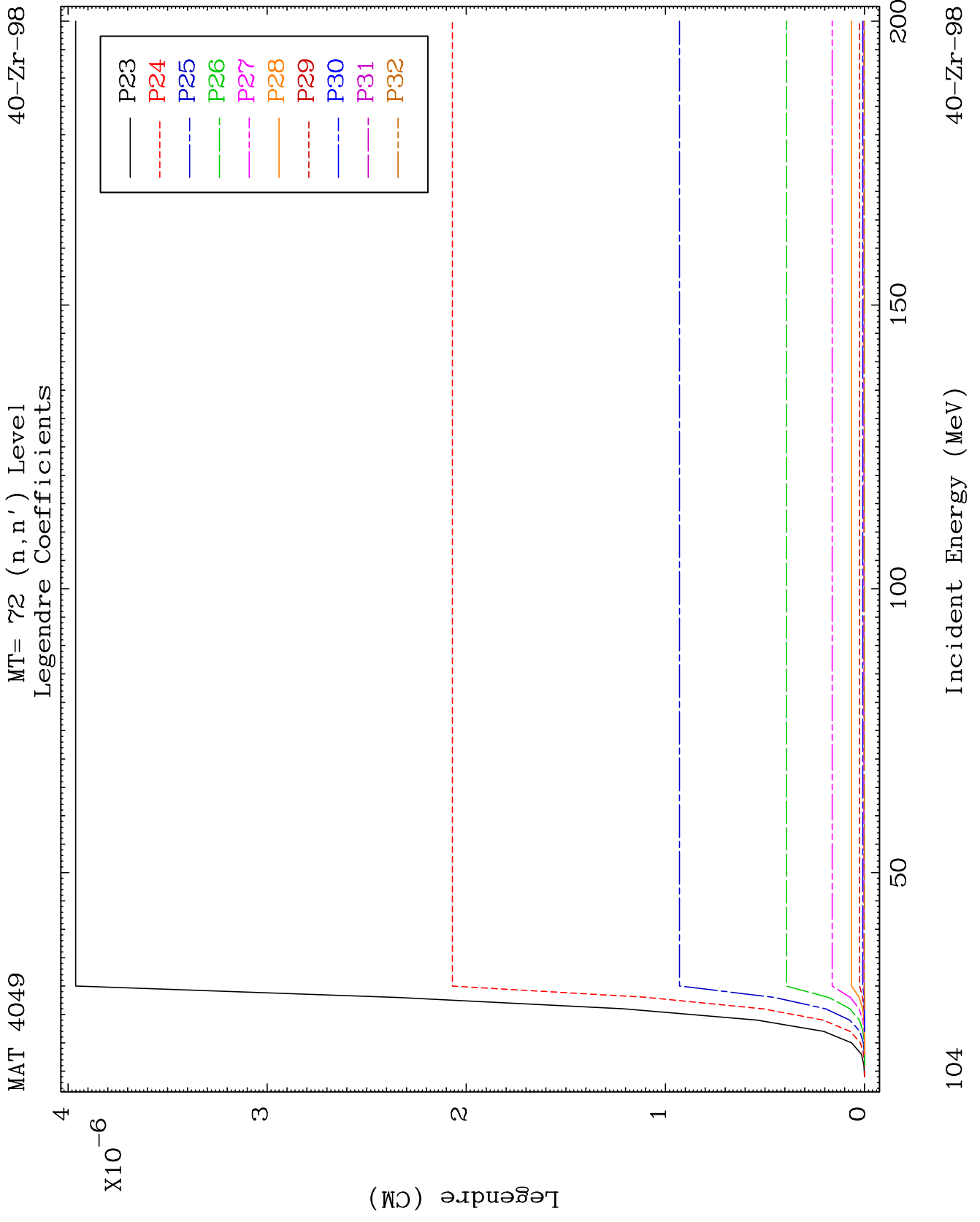


MAT 4049

MT= 72 (n,n') Level  
Legendre Coefficients

40-Zr-98

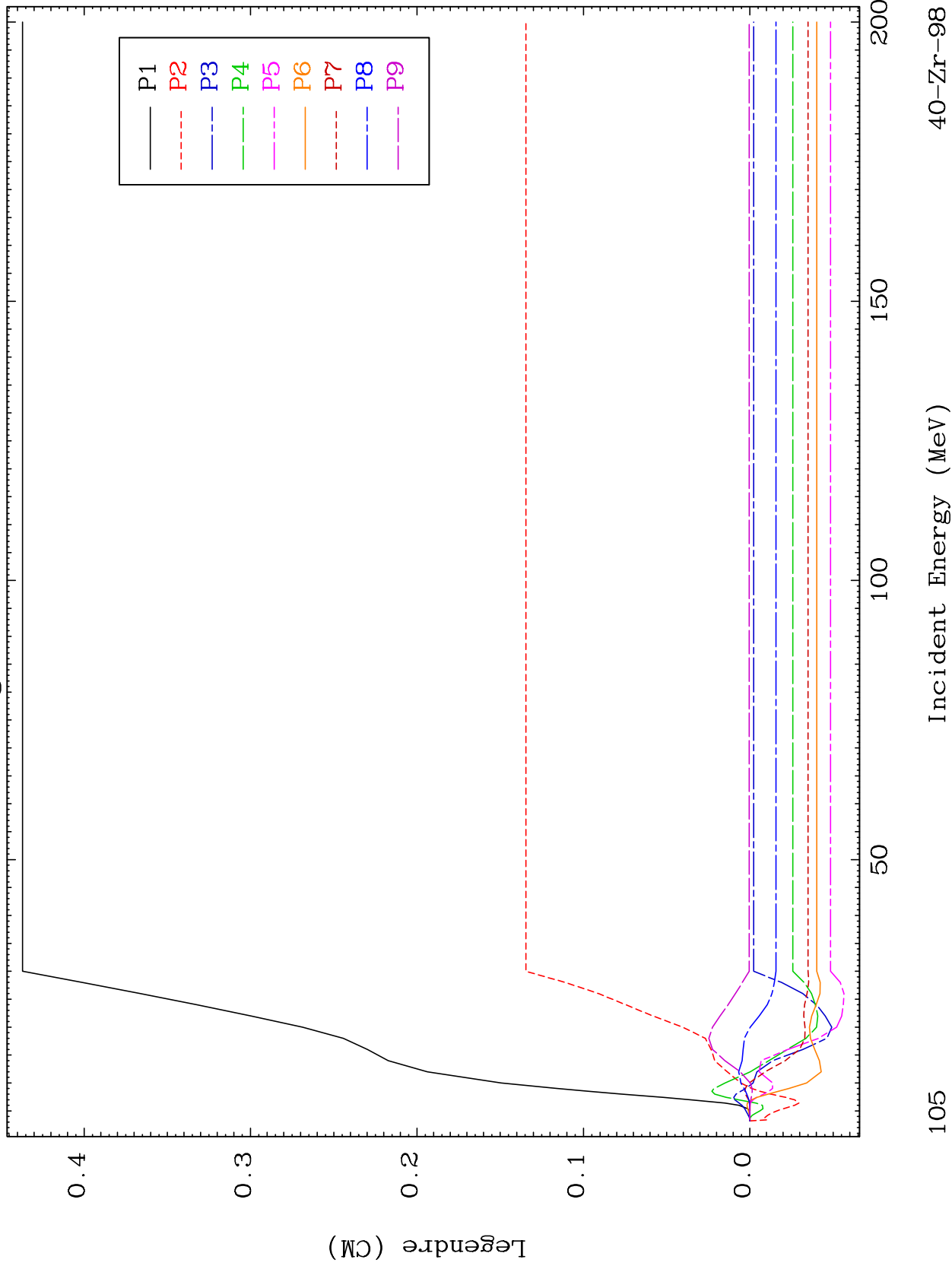




MAT 4049

MT= 73 (n,n') Level  
Legendre Coefficients

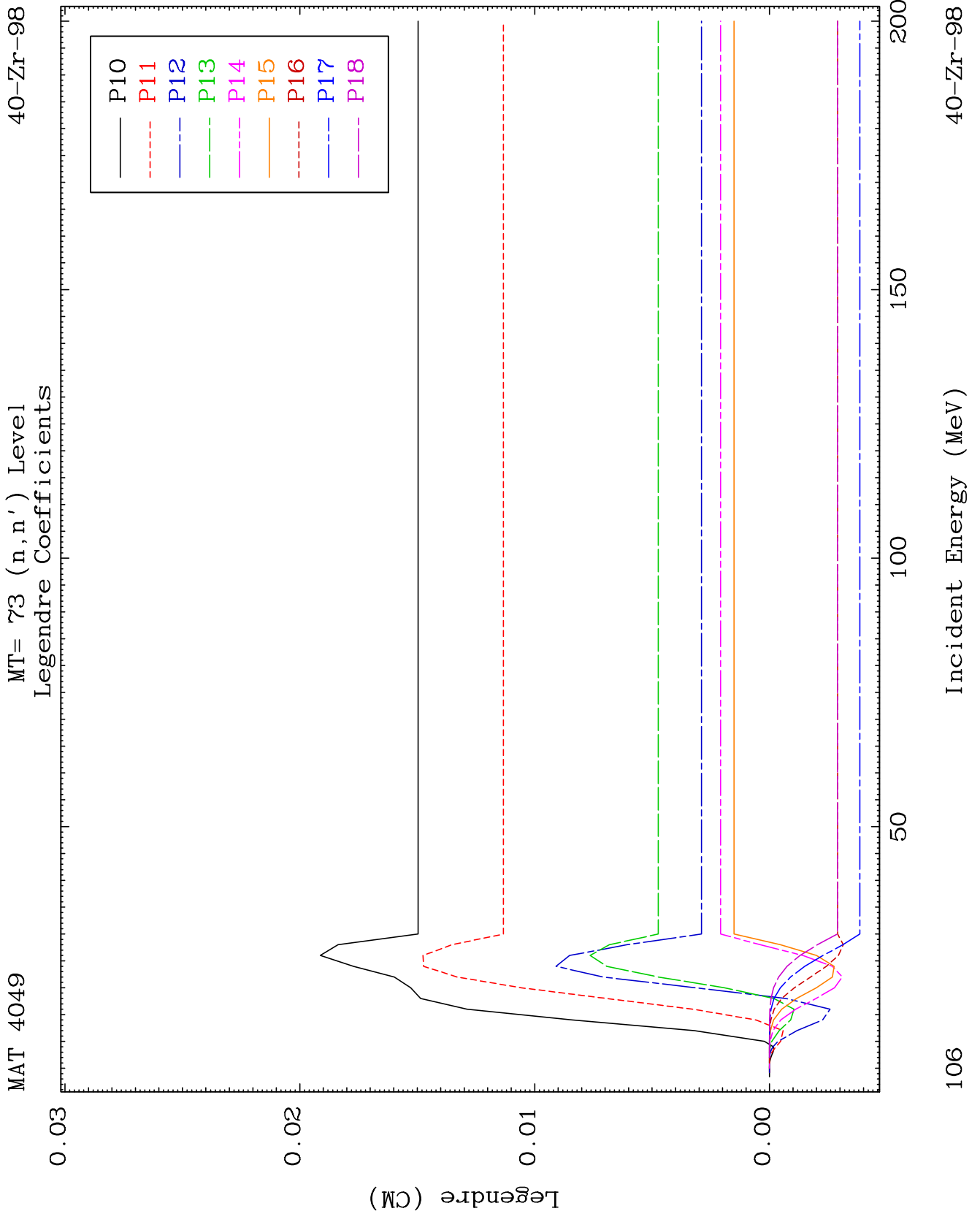
40-Zr-98

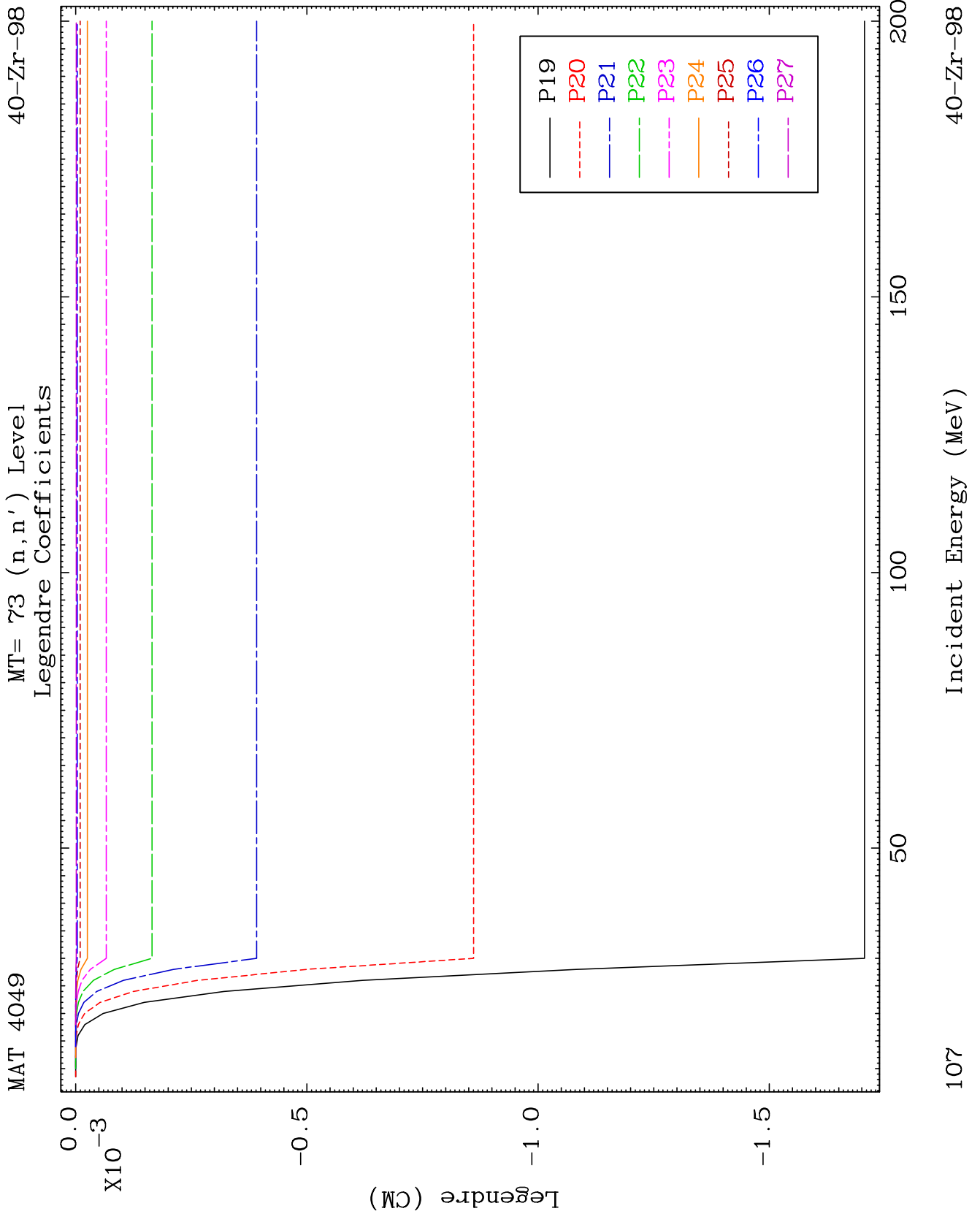


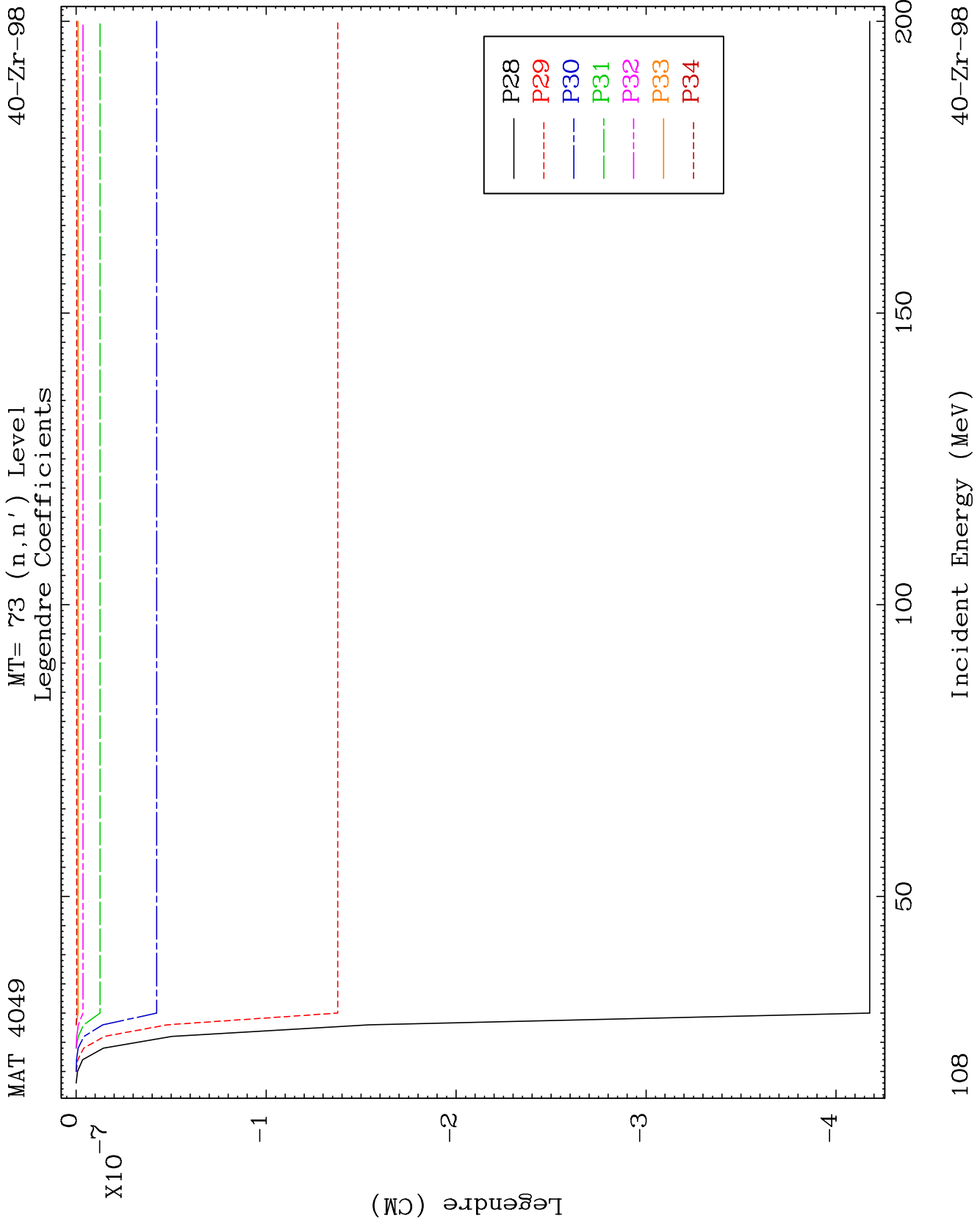
105

Incident Energy (MeV)

40-Zr-98



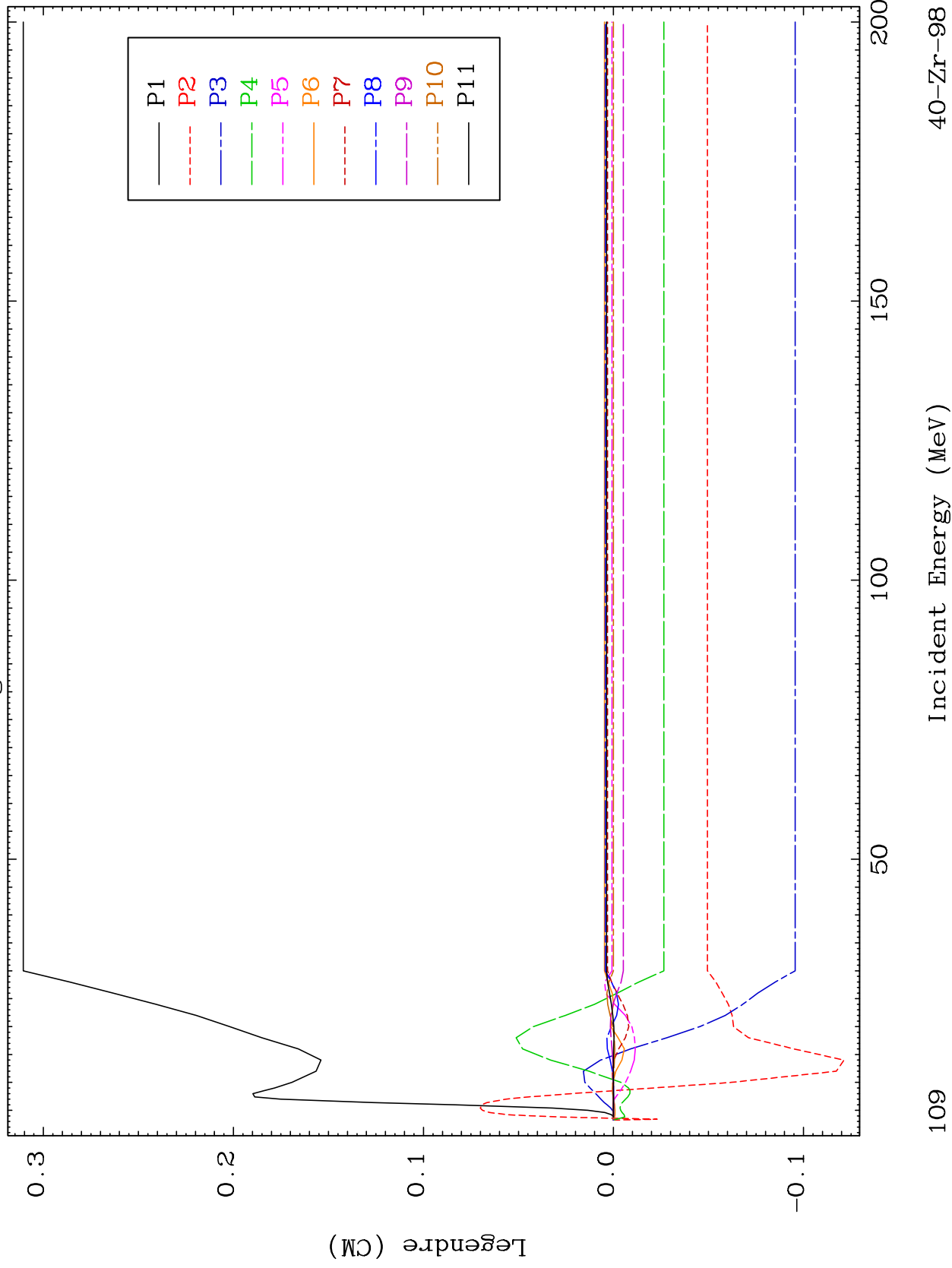




MAT 4049

MT= 74 (n,n') Level  
Legendre Coefficients

40-Zr-98



109

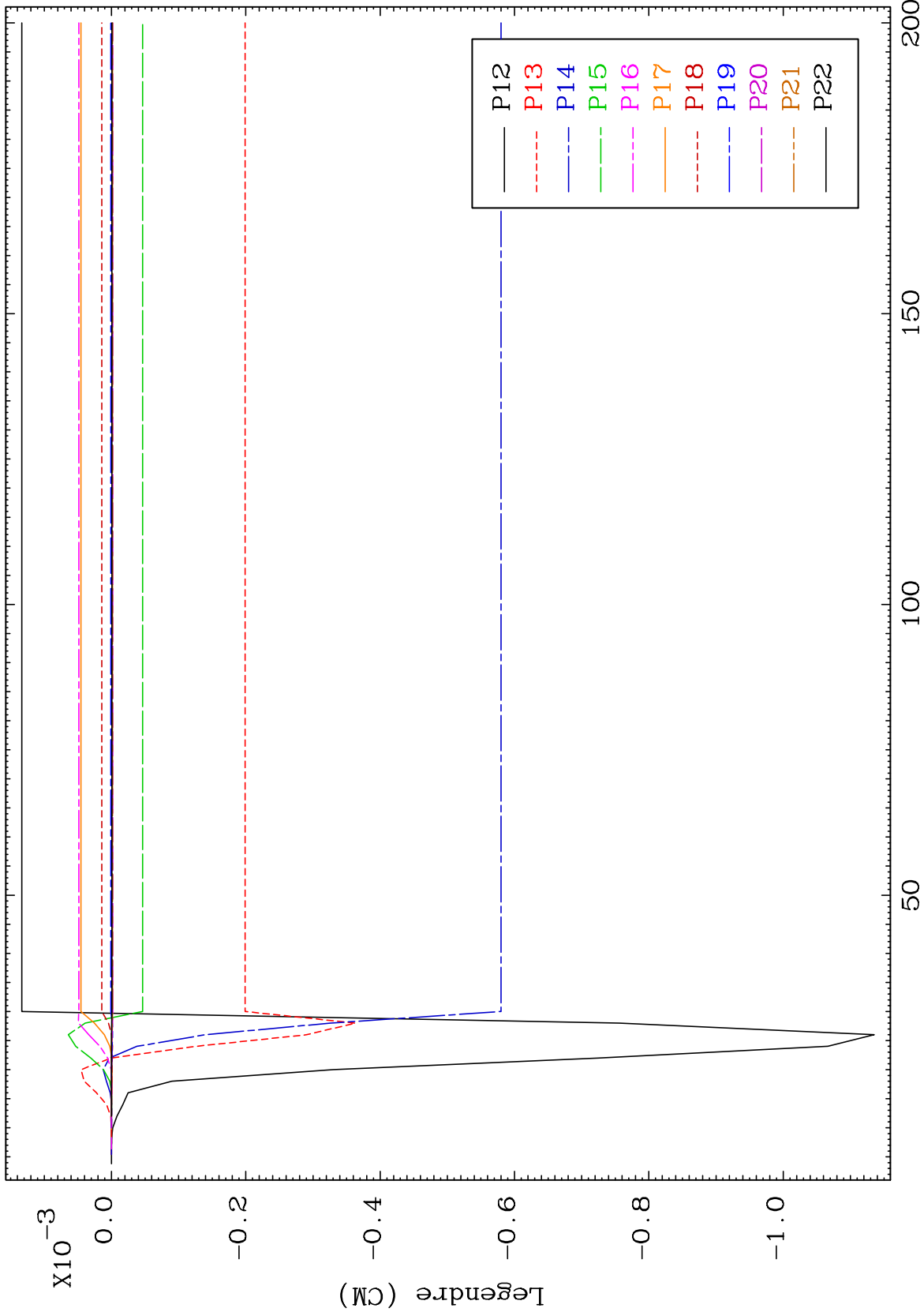
Incident Energy (MeV)

40-Zr-98

MAT 4049

MT= 74 (n,n') Level  
Legendre Coefficients

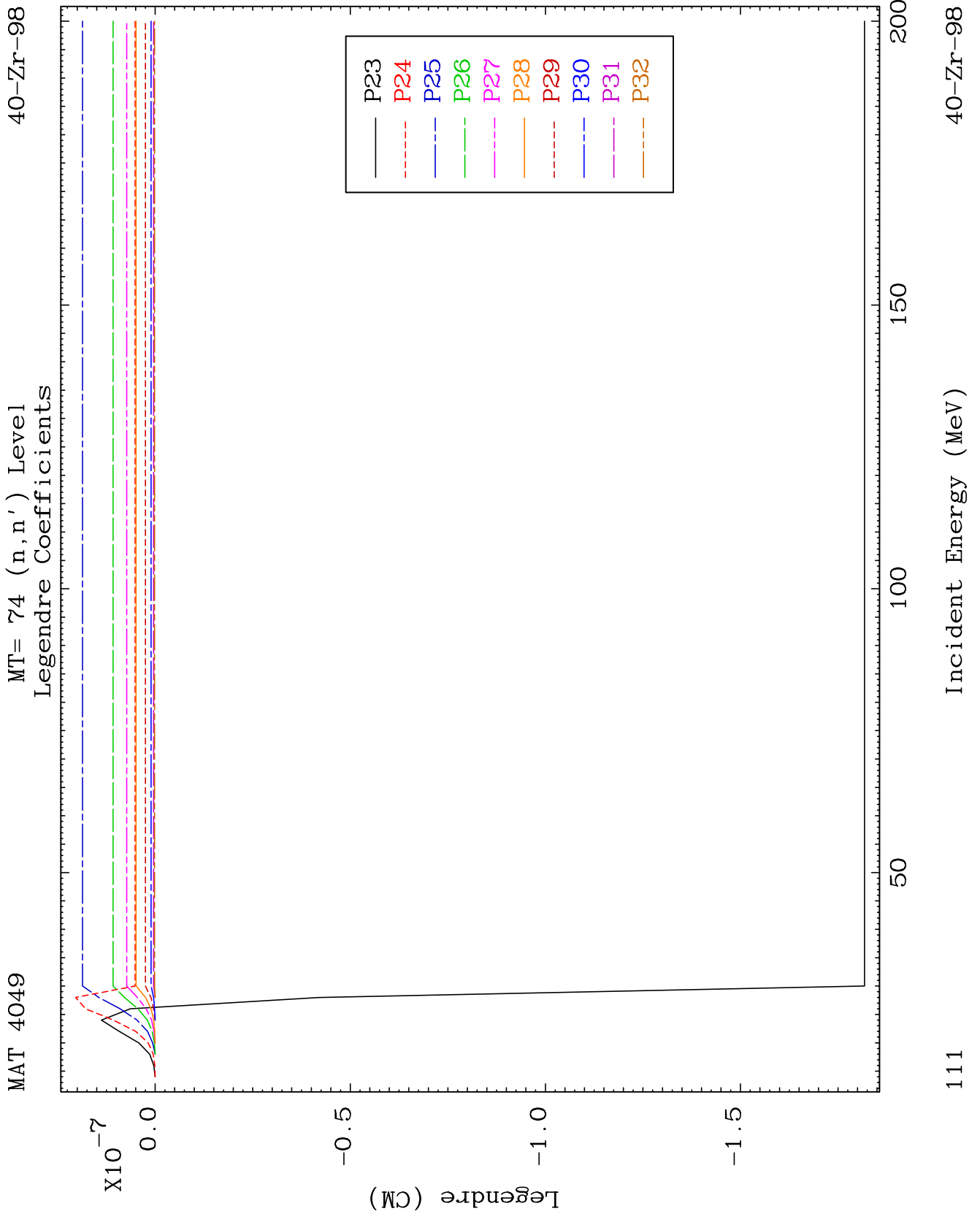
40-Zr-98



110

Incident Energy (MeV)

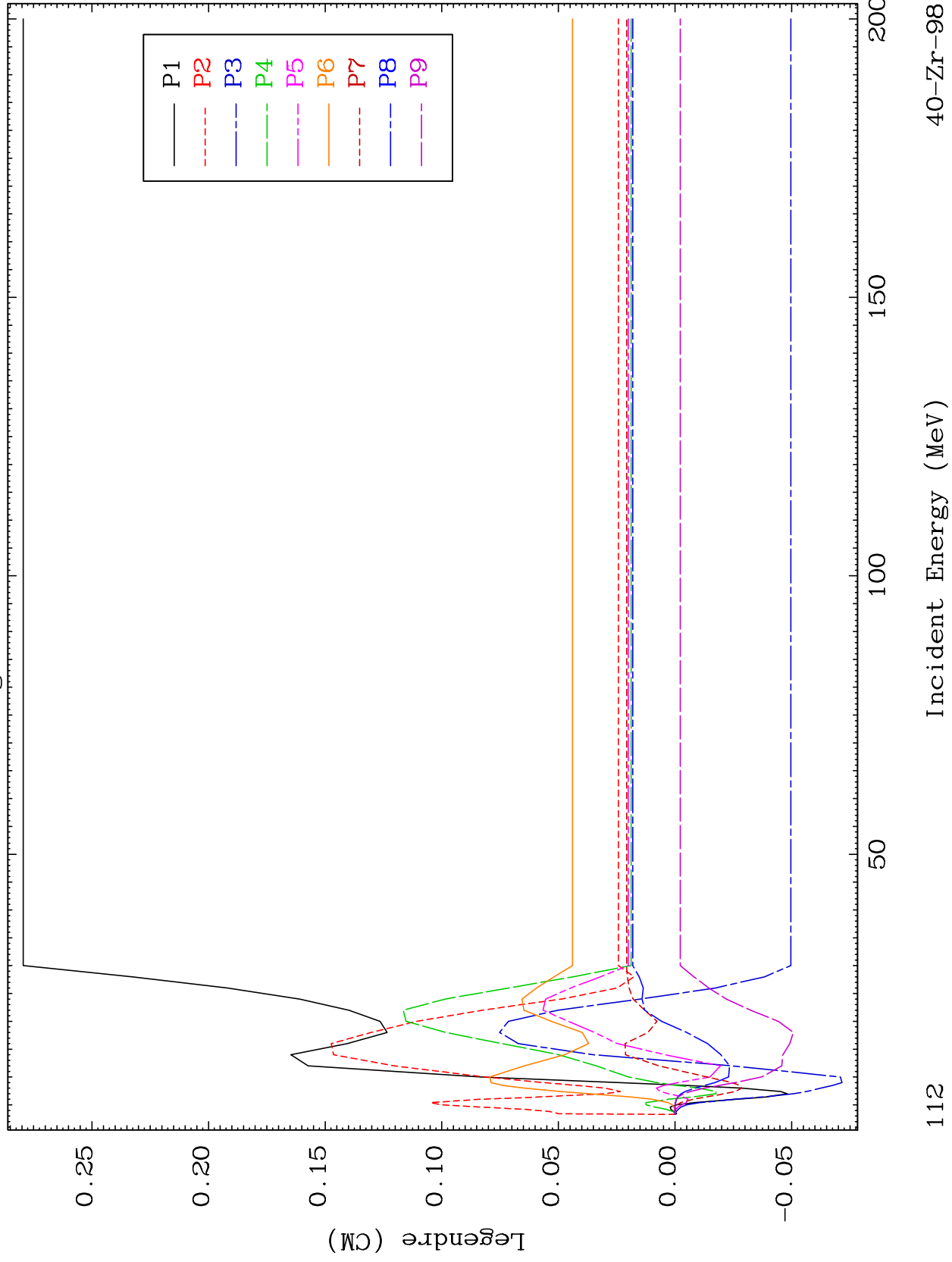
40-Zr-98



MAT 4049

MT= 75 (n,n') Level  
Legendre Coefficients

40-Zr-98



112

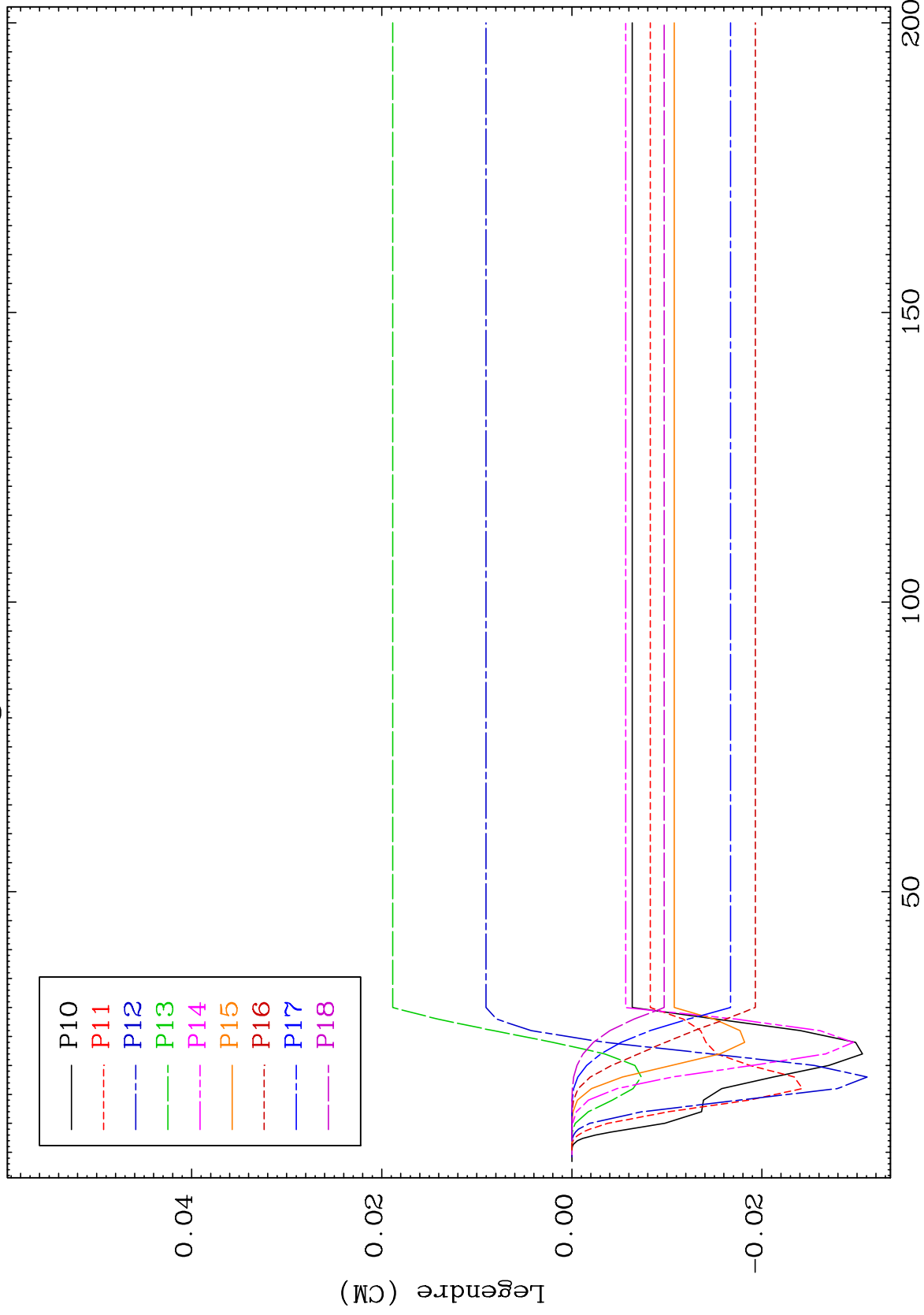
Incident Energy (MeV)

40-Zr-98

MAT 4049

MT= 75 (n,n') Level  
Legendre Coefficients

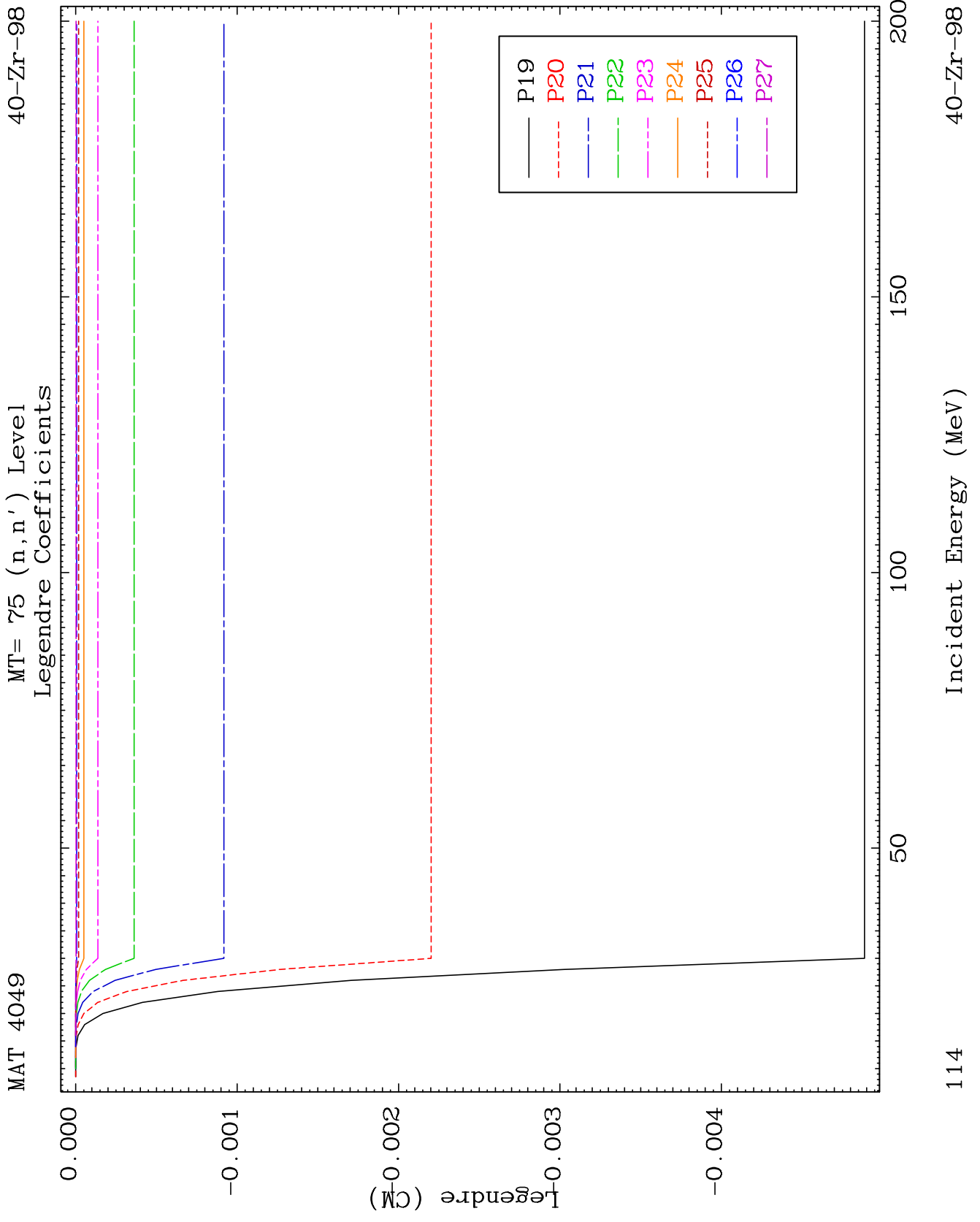
40-Zr-98

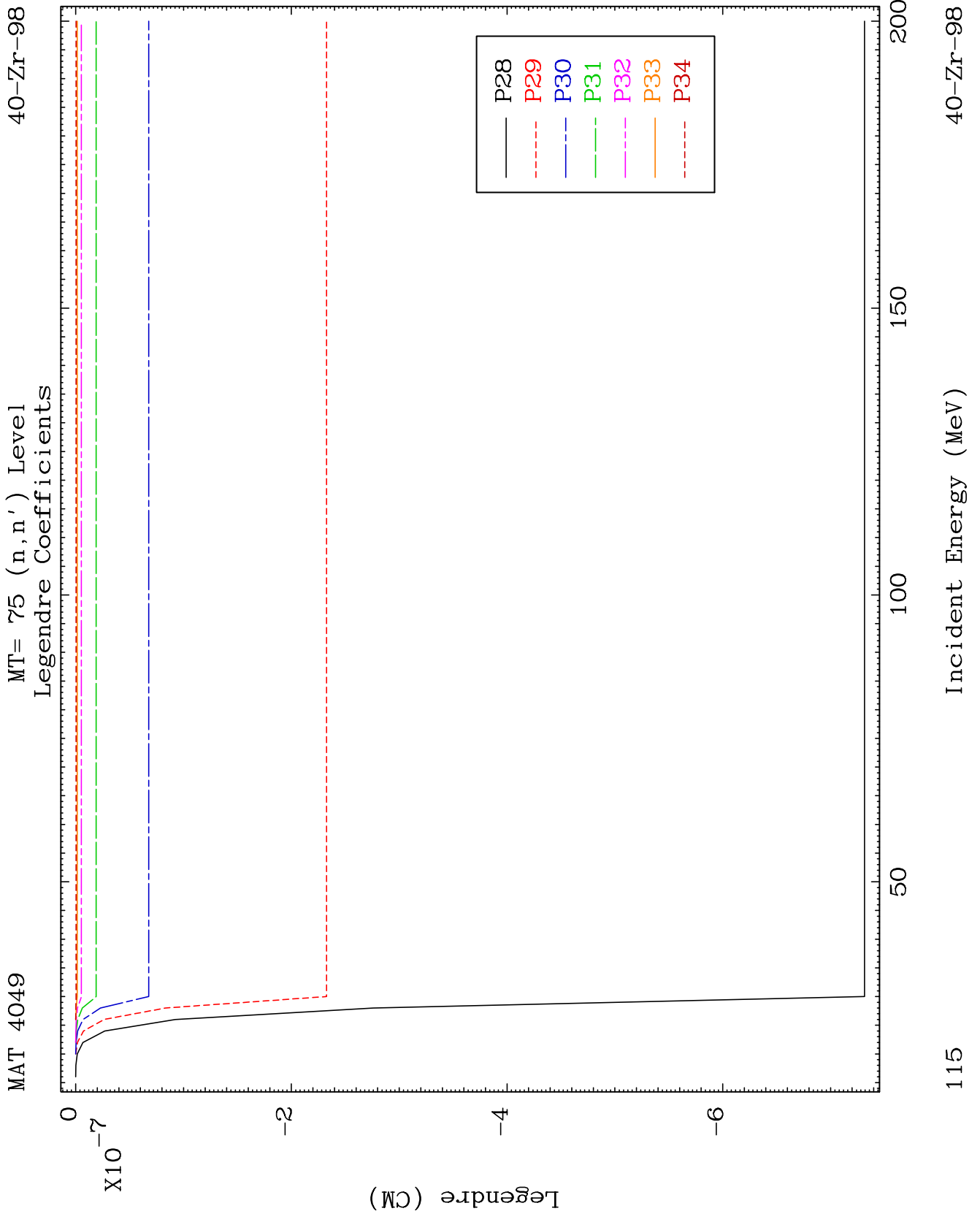


113

Incident Energy (MeV)

40-Zr-98

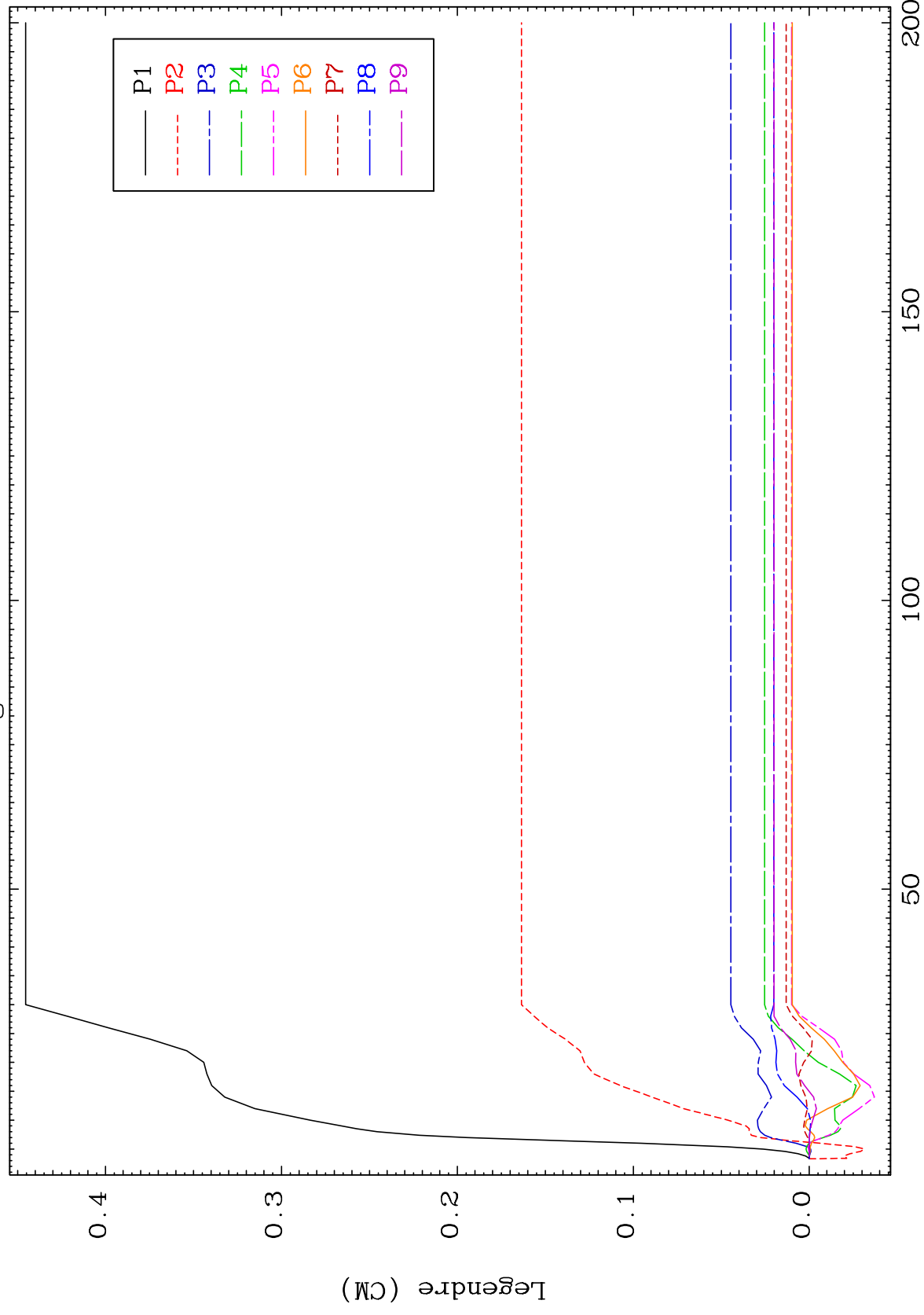




MAT 4049

MT= 76 (n,n') Level  
Legendre Coefficients

40-Zr-98



116

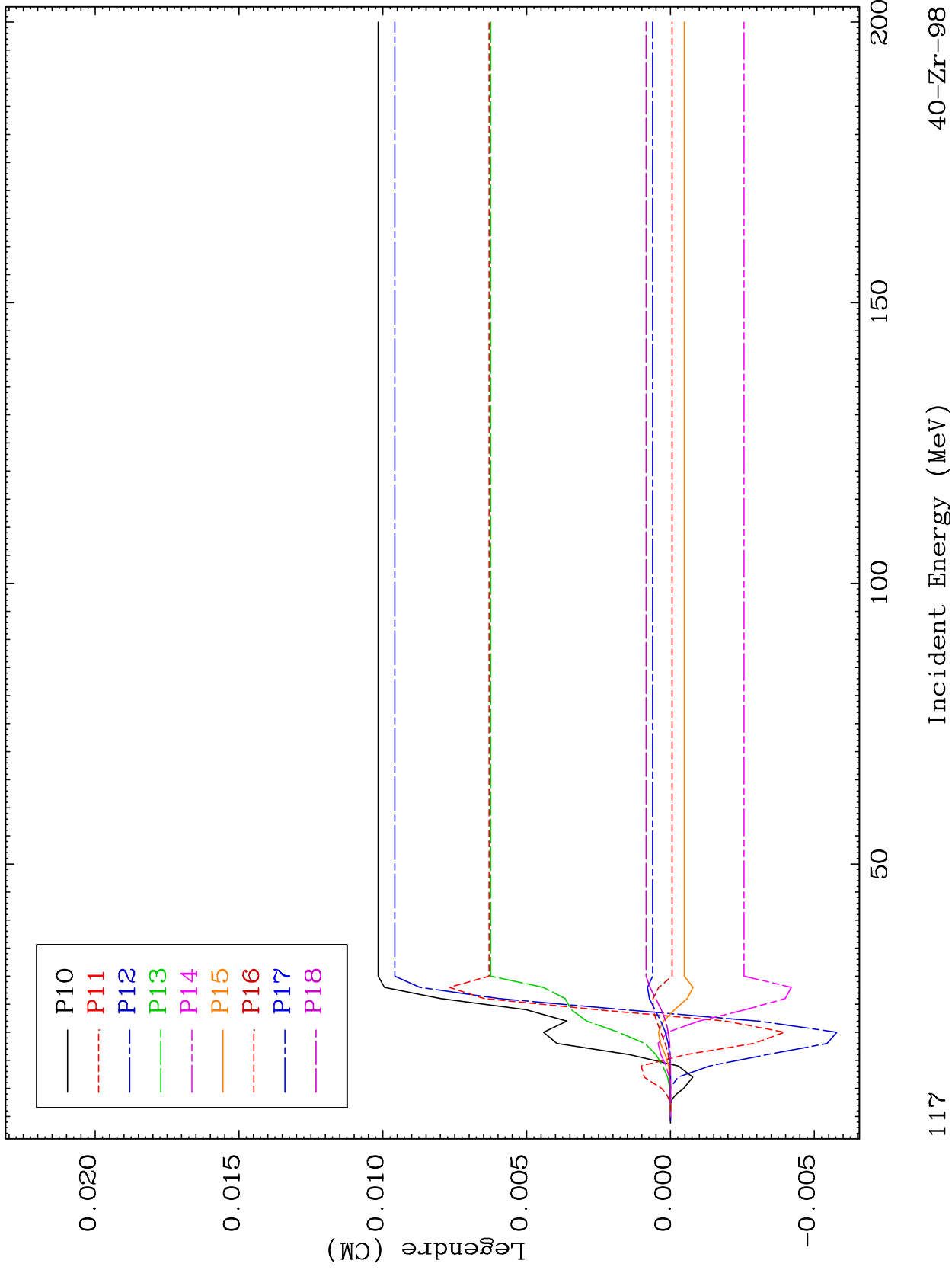
Incident Energy (MeV)

40-Zr-98

MAT 4049

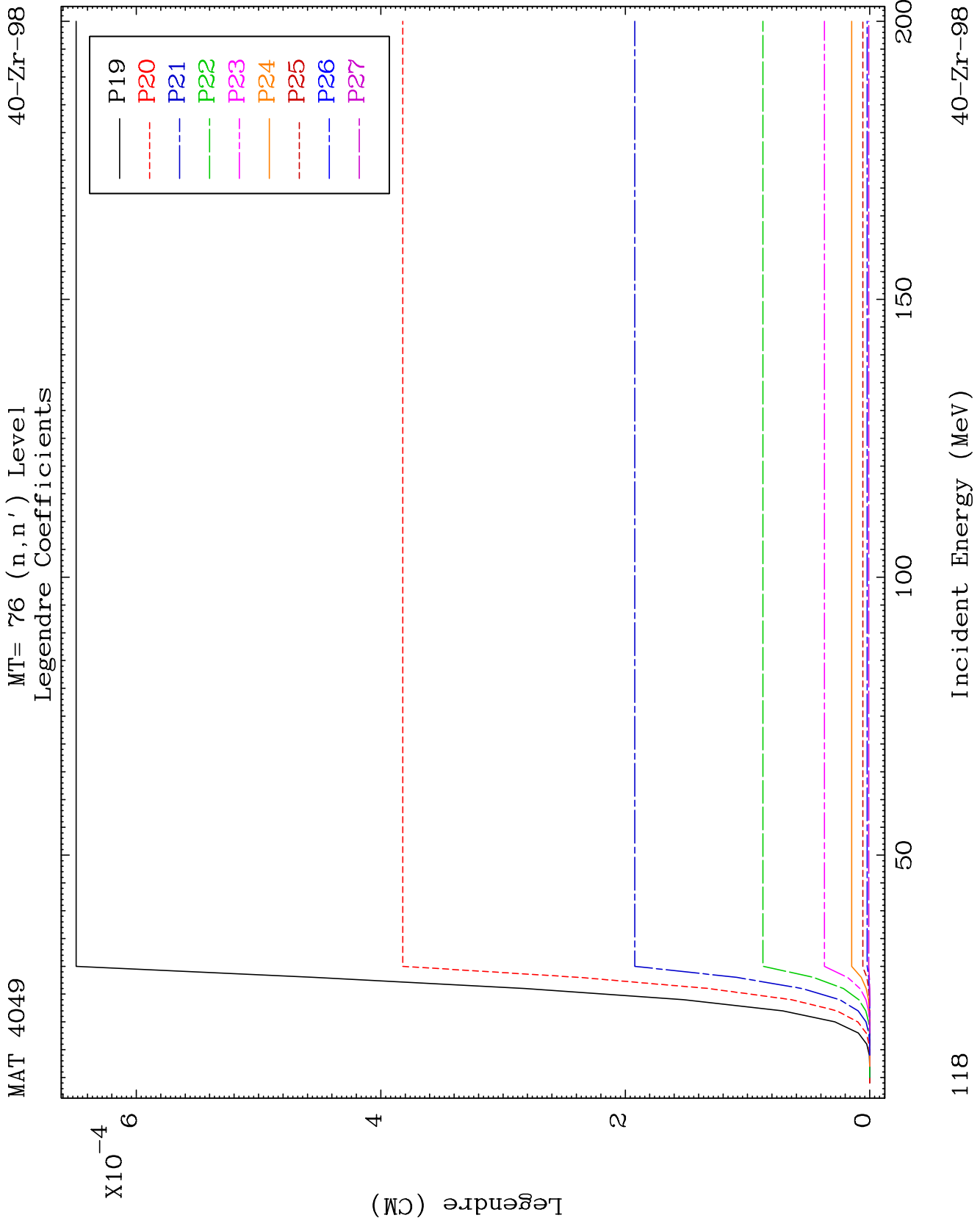
MT= 76 (n,n') Level  
Legendre Coefficients

40-Zr-98



117

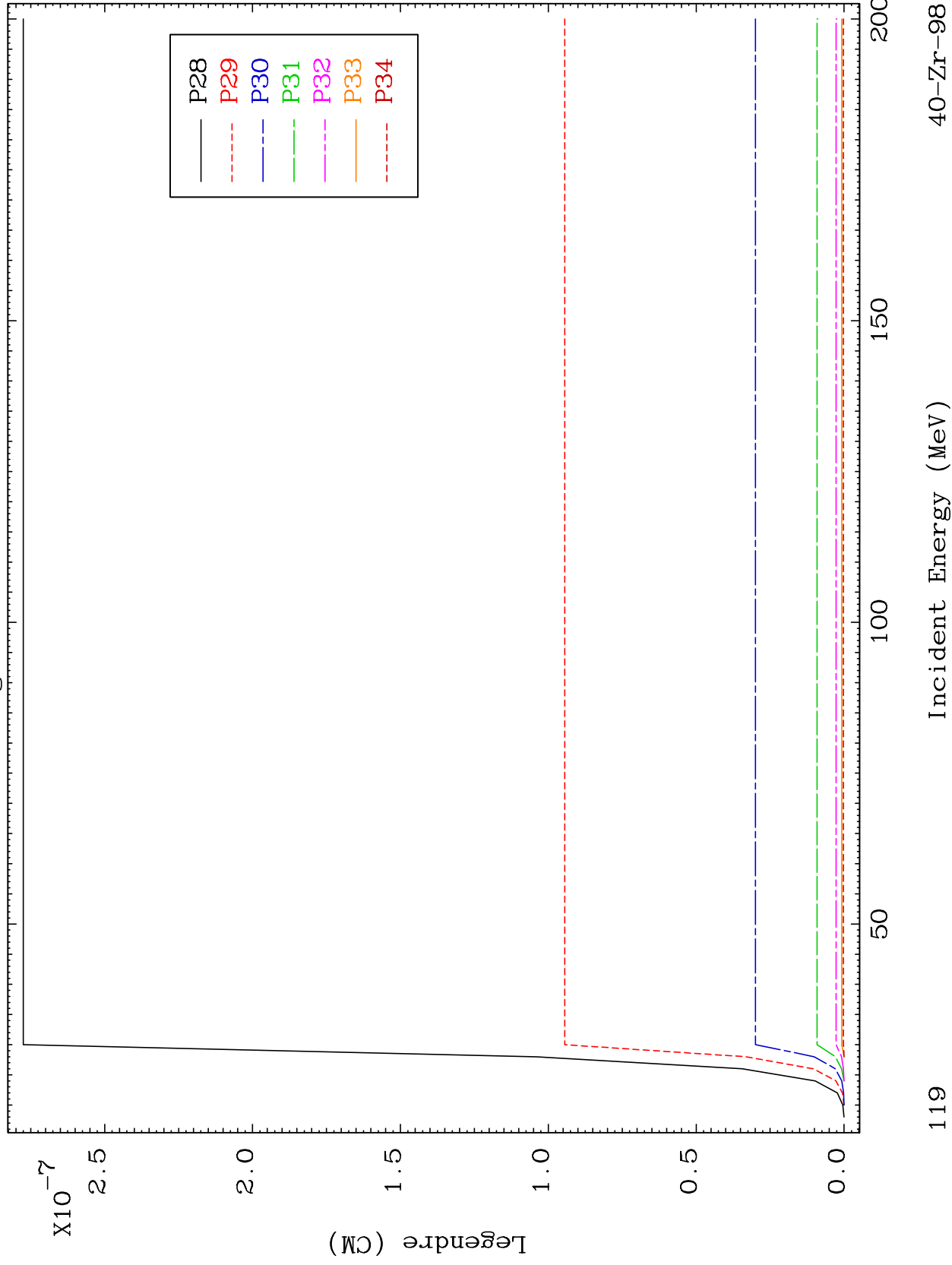
40-Zr-98



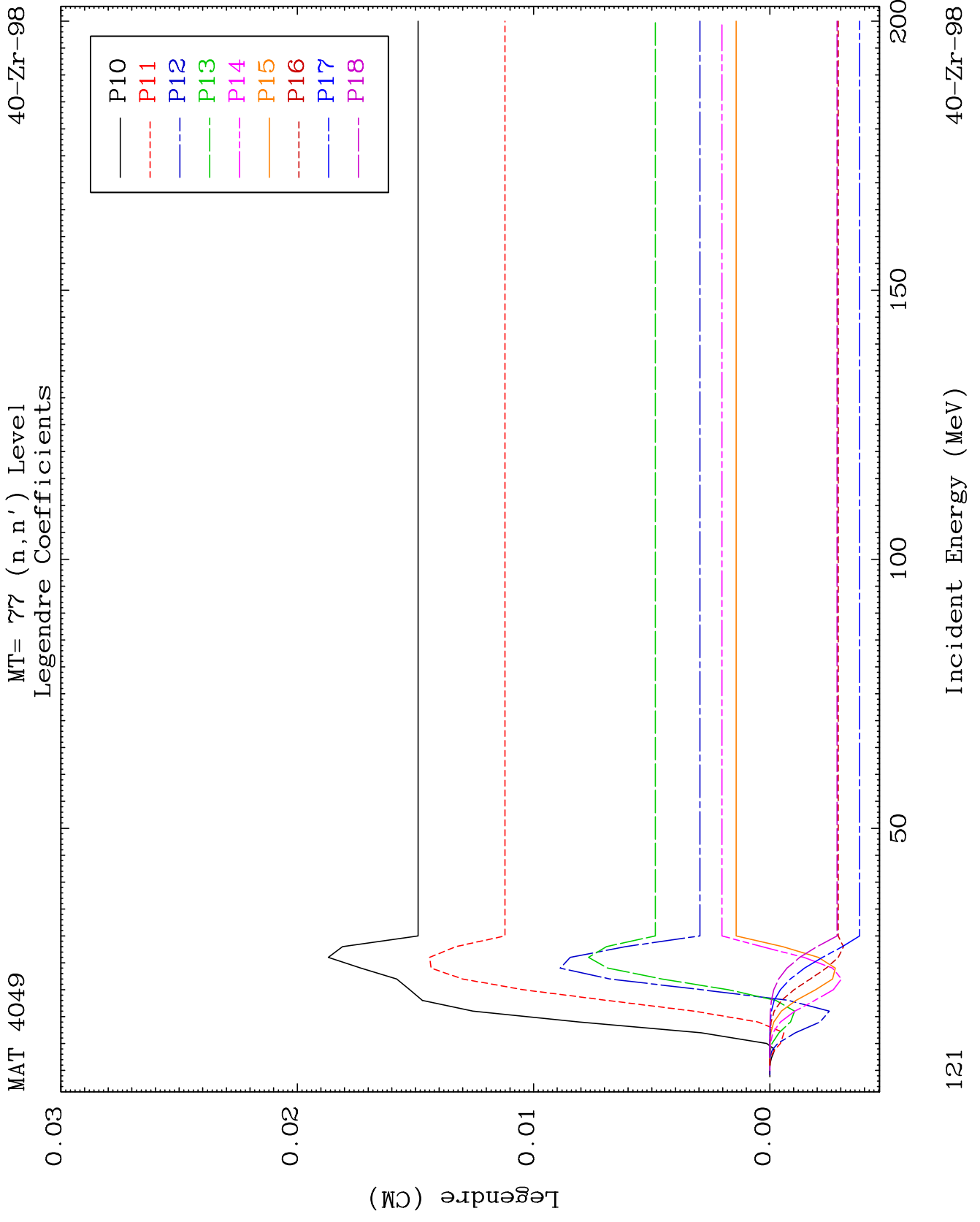
MAT 4049

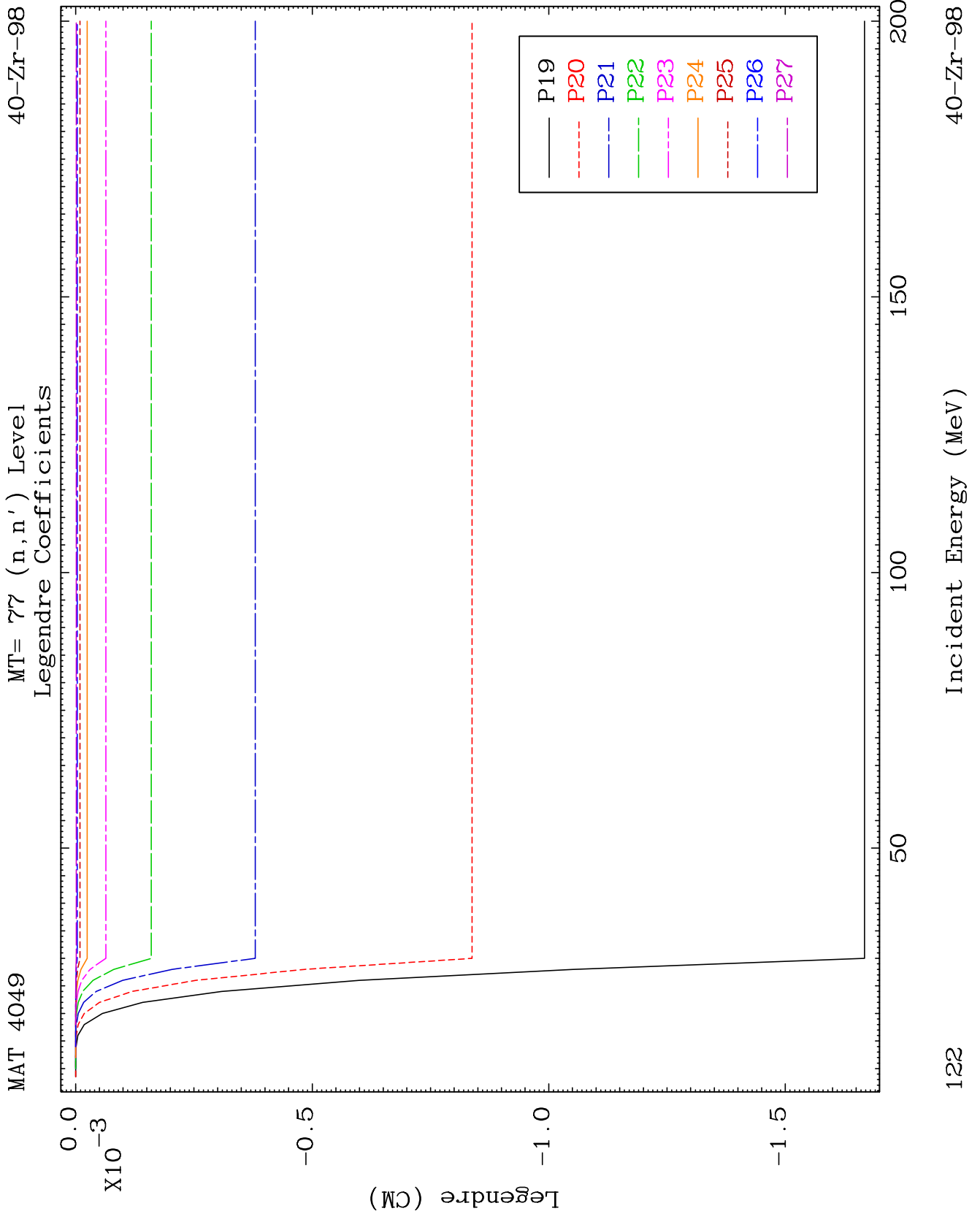
MT= 76 (n,n') Level  
Legendre Coefficients

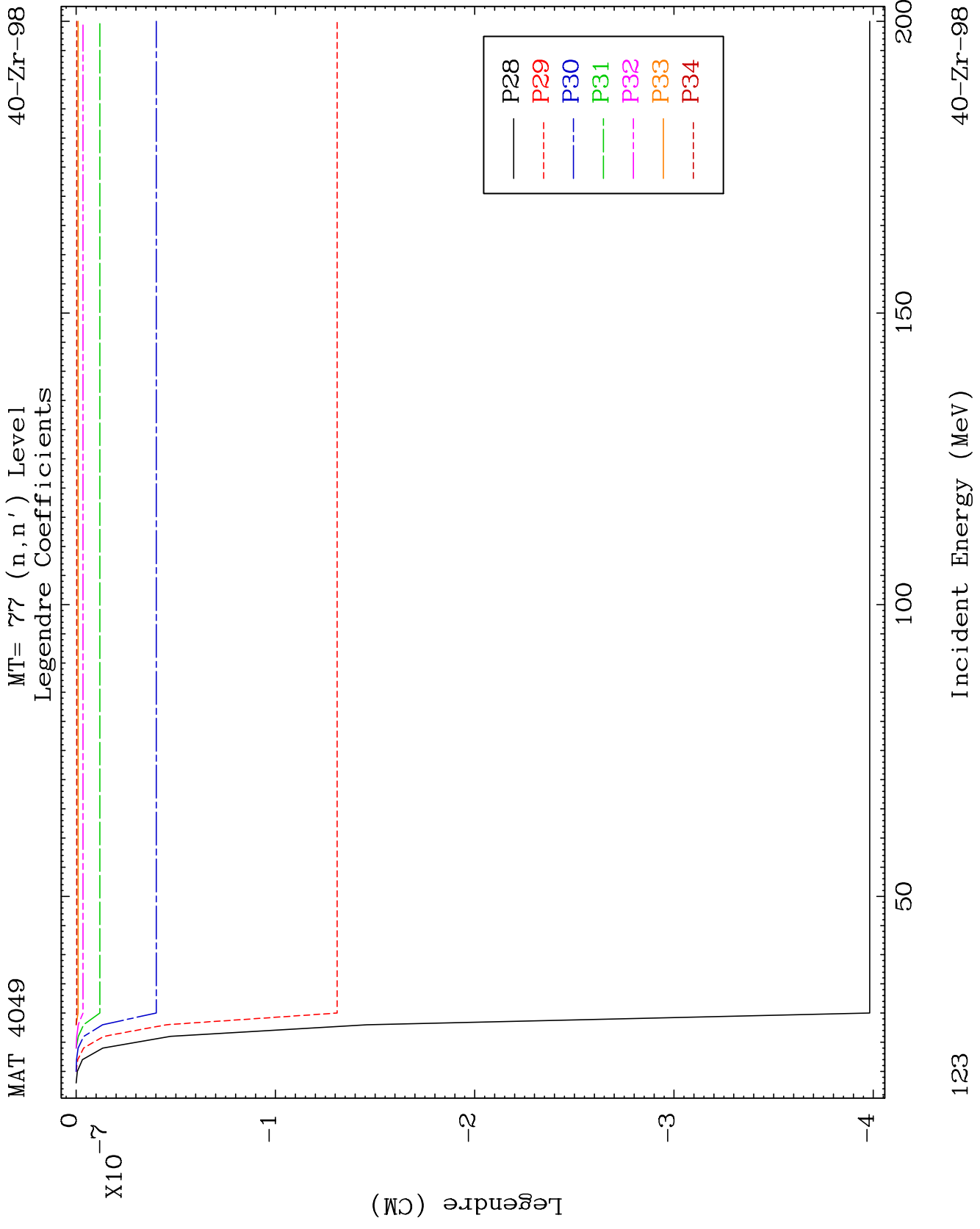
40-Zr-98







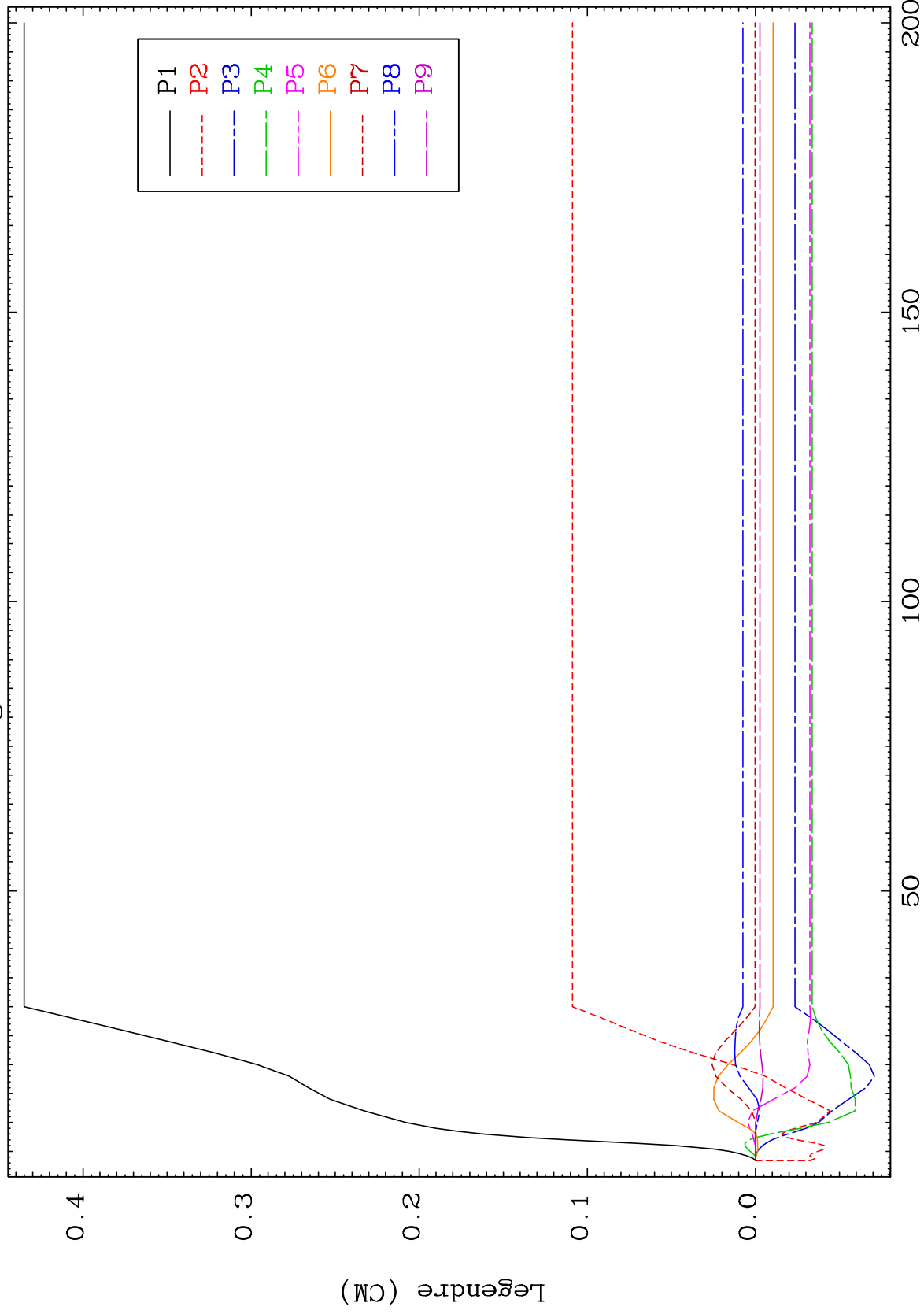




MAT 4049

MT= 78 (n,n') Level  
Legendre Coefficients

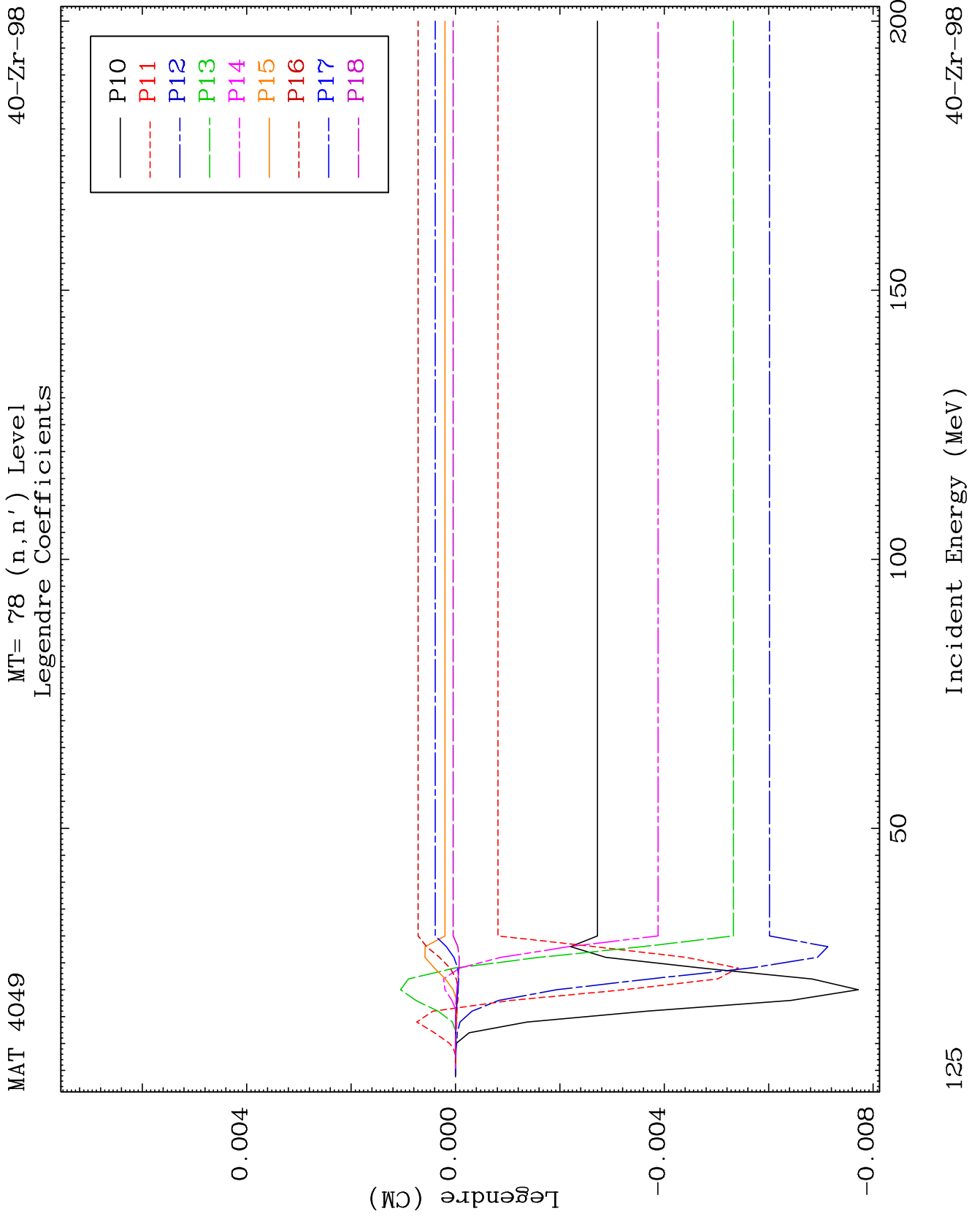
40-Zr-98



124

Incident Energy (MeV)

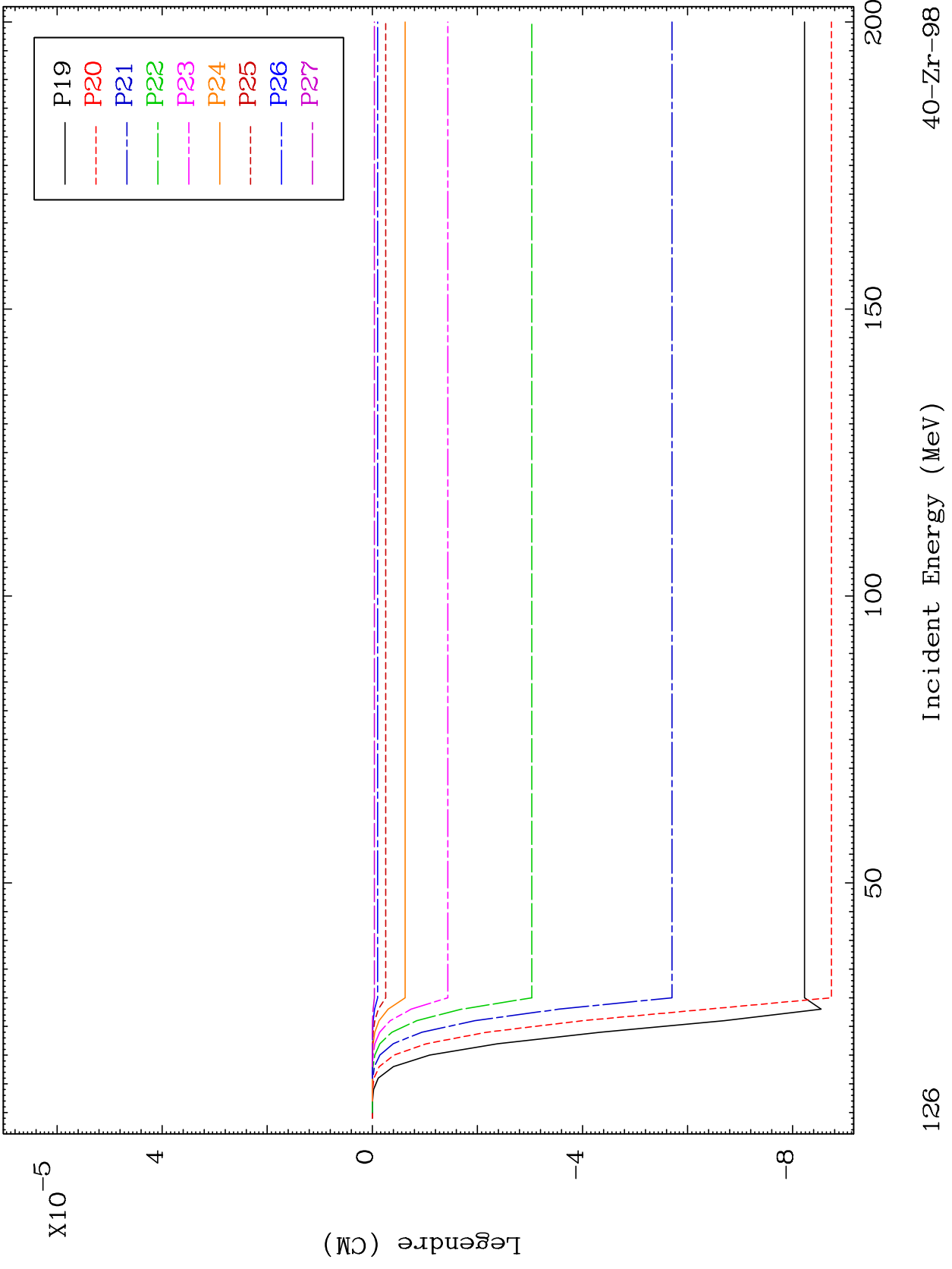
40-Zr-98



MAT 4049

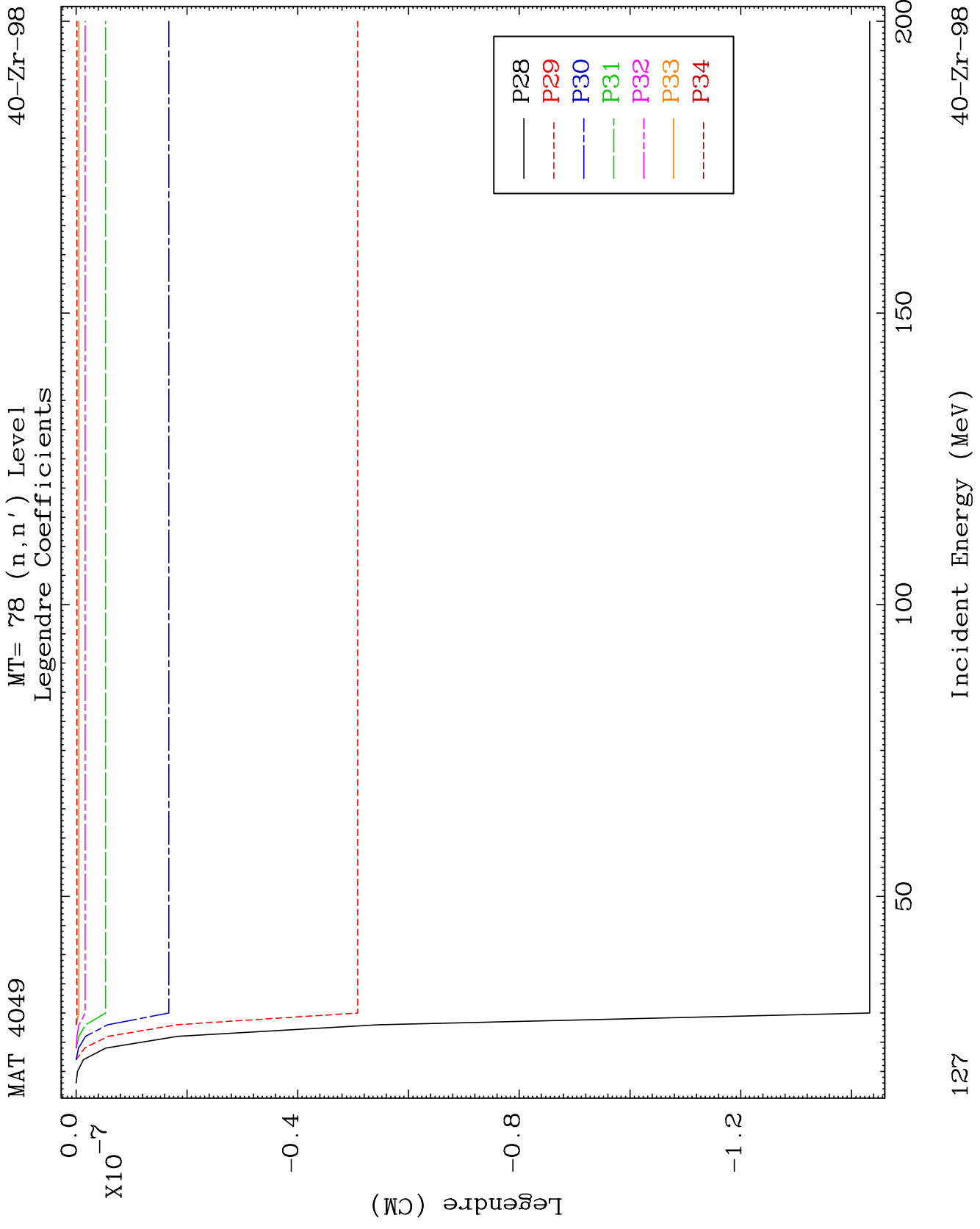
MT= 78 (n,n') Level  
Legendre Coefficients

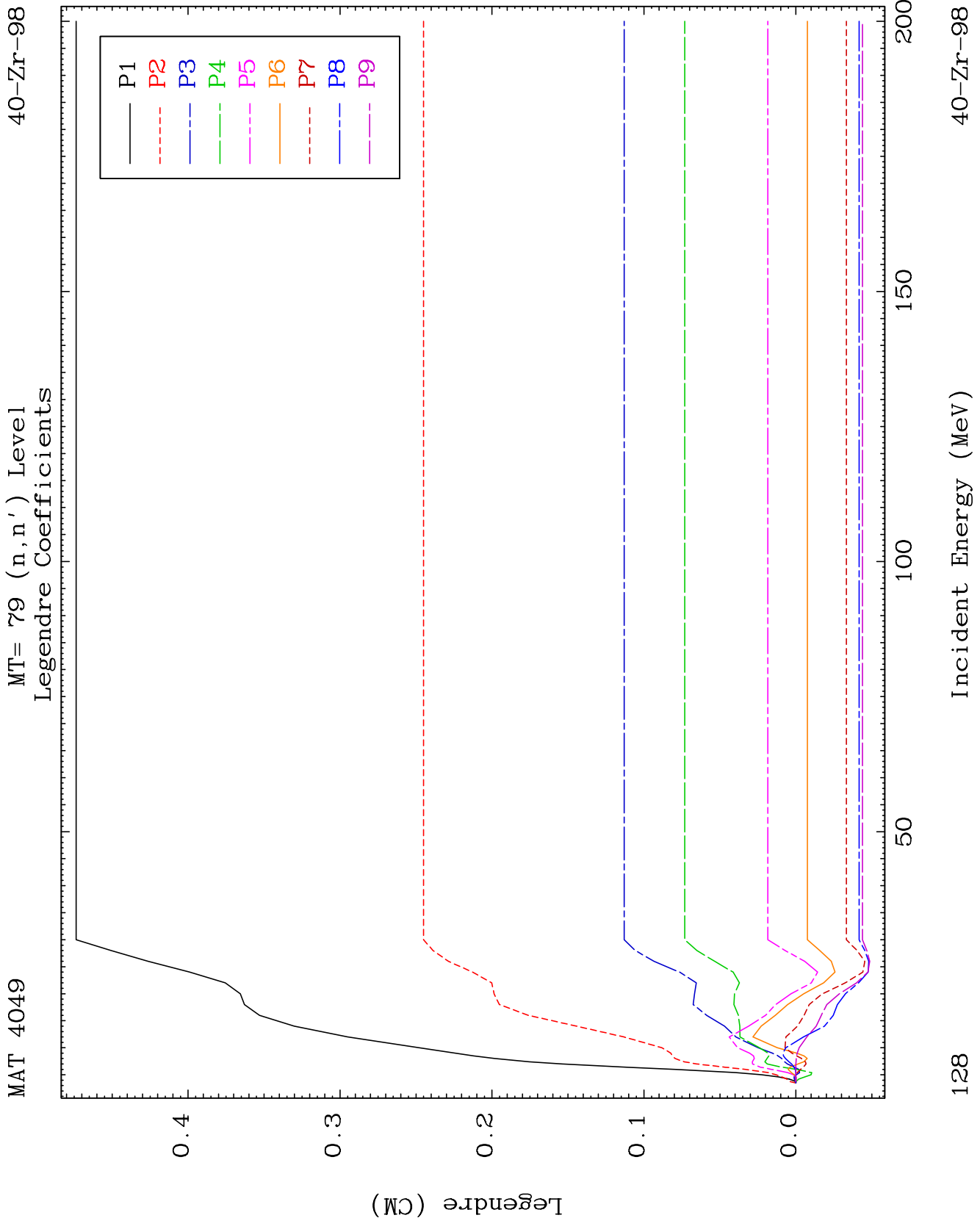
40-Zr-98



126

40-Zr-98

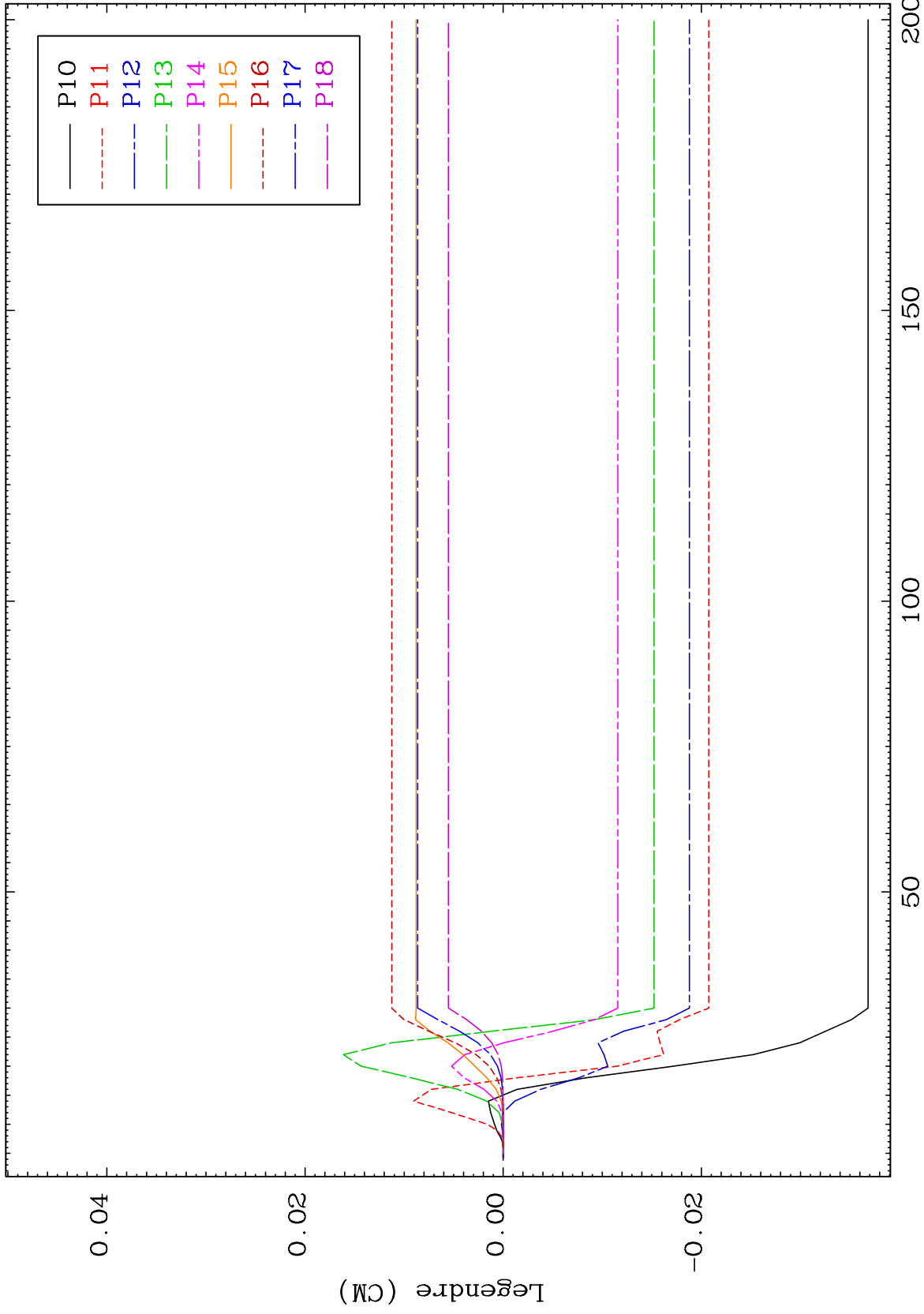




MAT 4049

MT= 79 (n,n') Level  
Legendre Coefficients

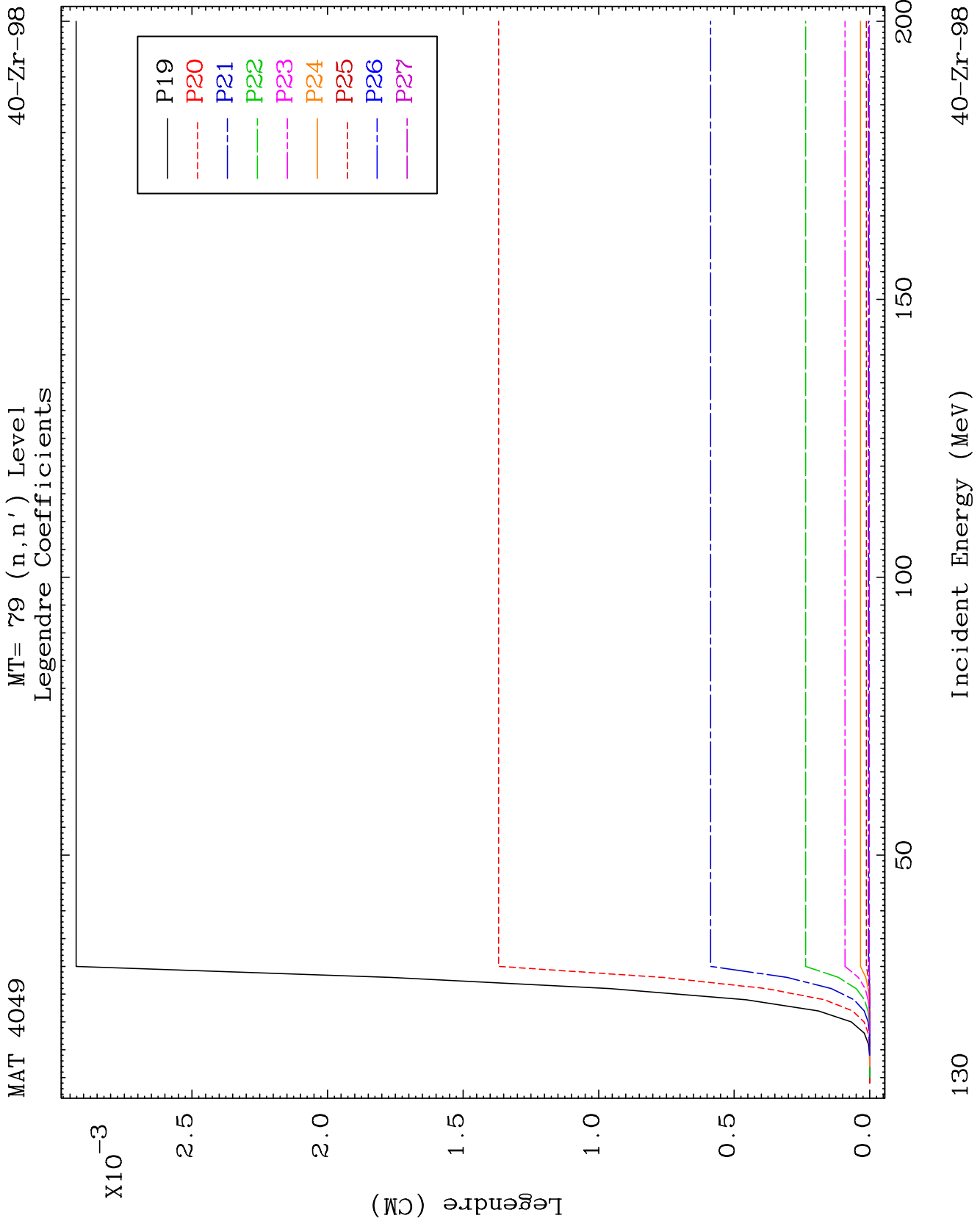
40-Zr-98



129

Incident Energy (MeV)

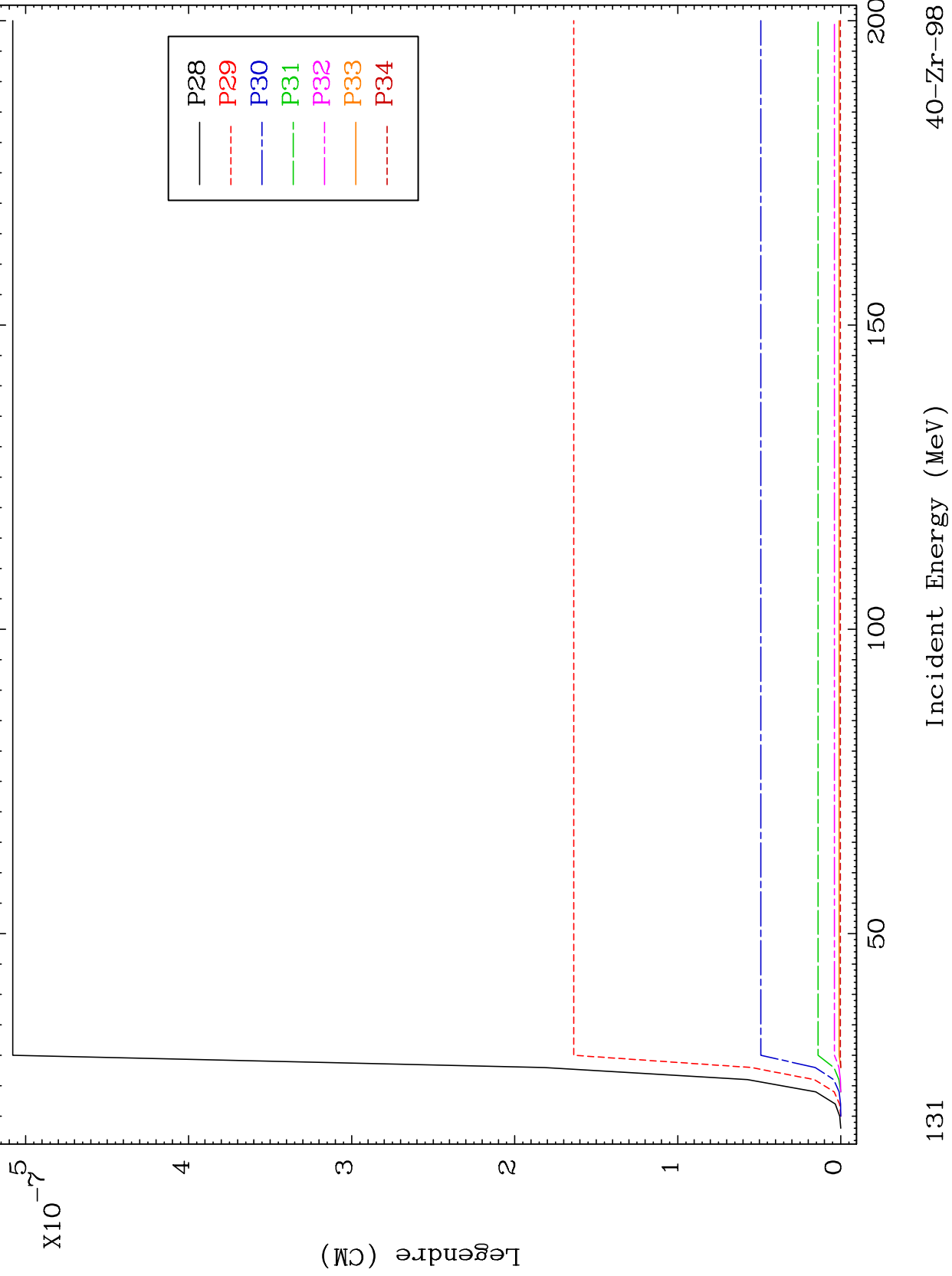
40-Zr-98



MAT 4049

MT= 79 (n,n') Level  
Legendre Coefficients

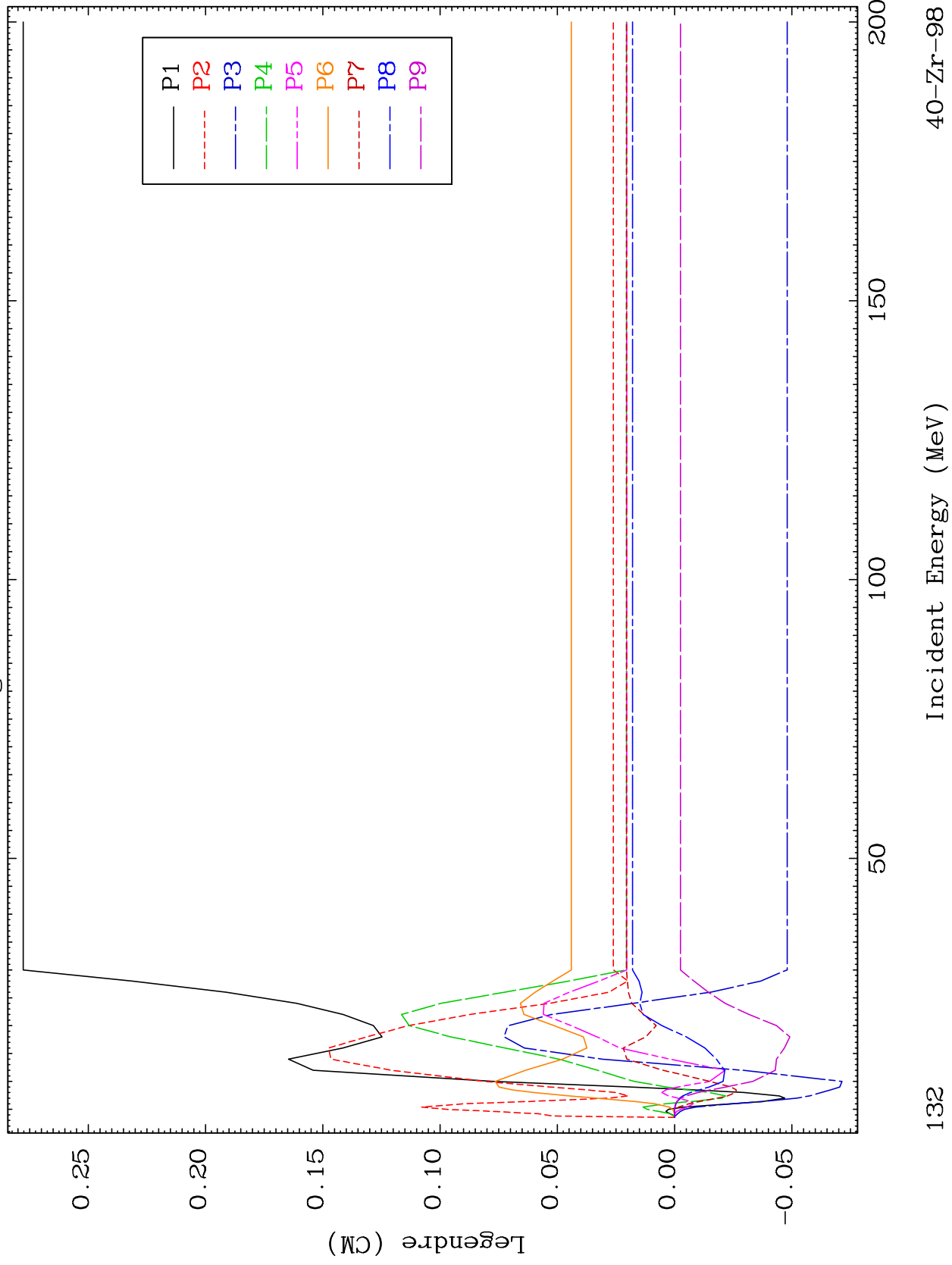
40-Zr-98



MAT 4049

MT= 80 (n,n') Level  
Legendre Coefficients

40-Zr-98



132

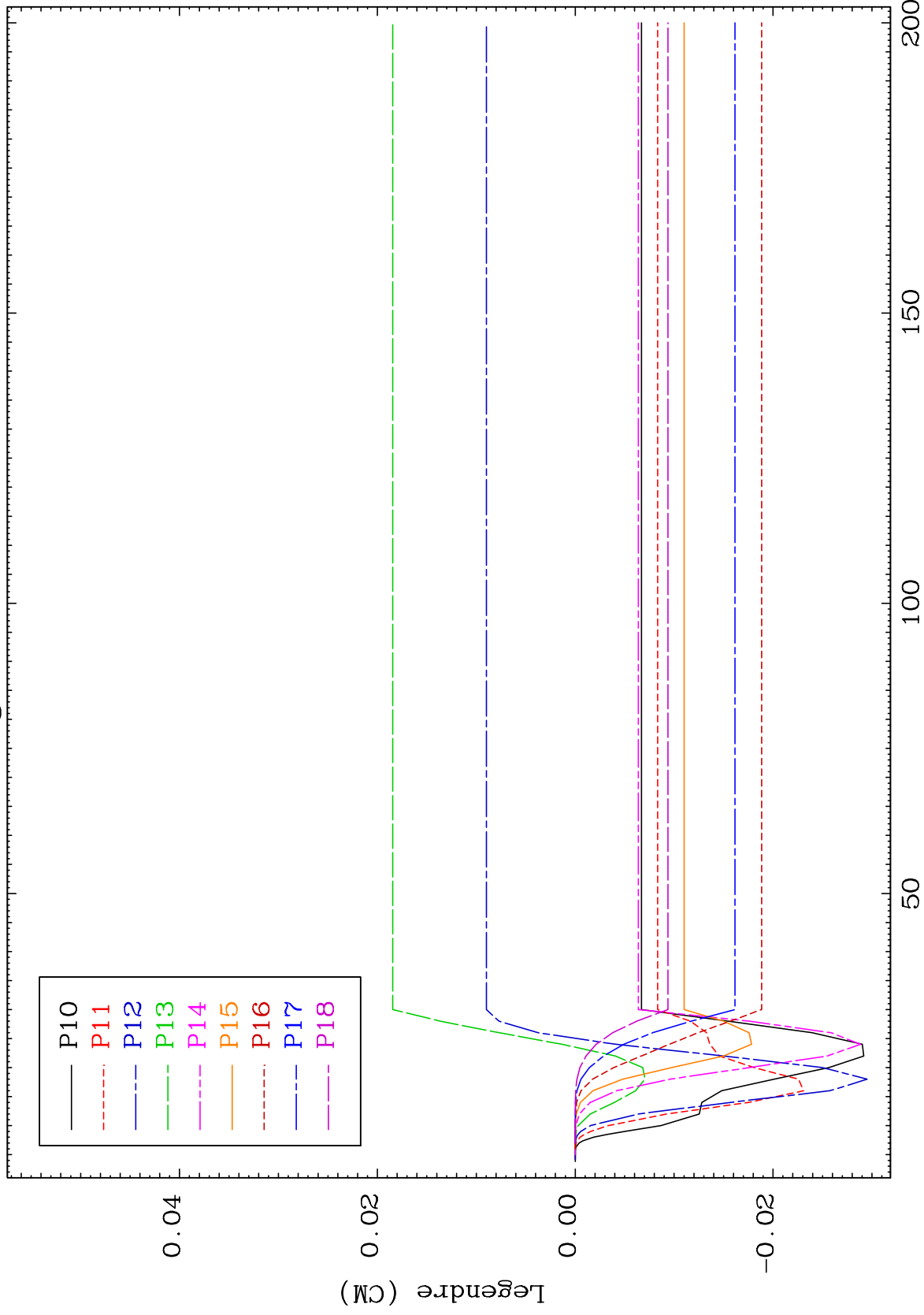
Incident Energy (MeV)

40-Zr-98

MAT 4049

MT= 80 (n,n') Level  
Legendre Coefficients

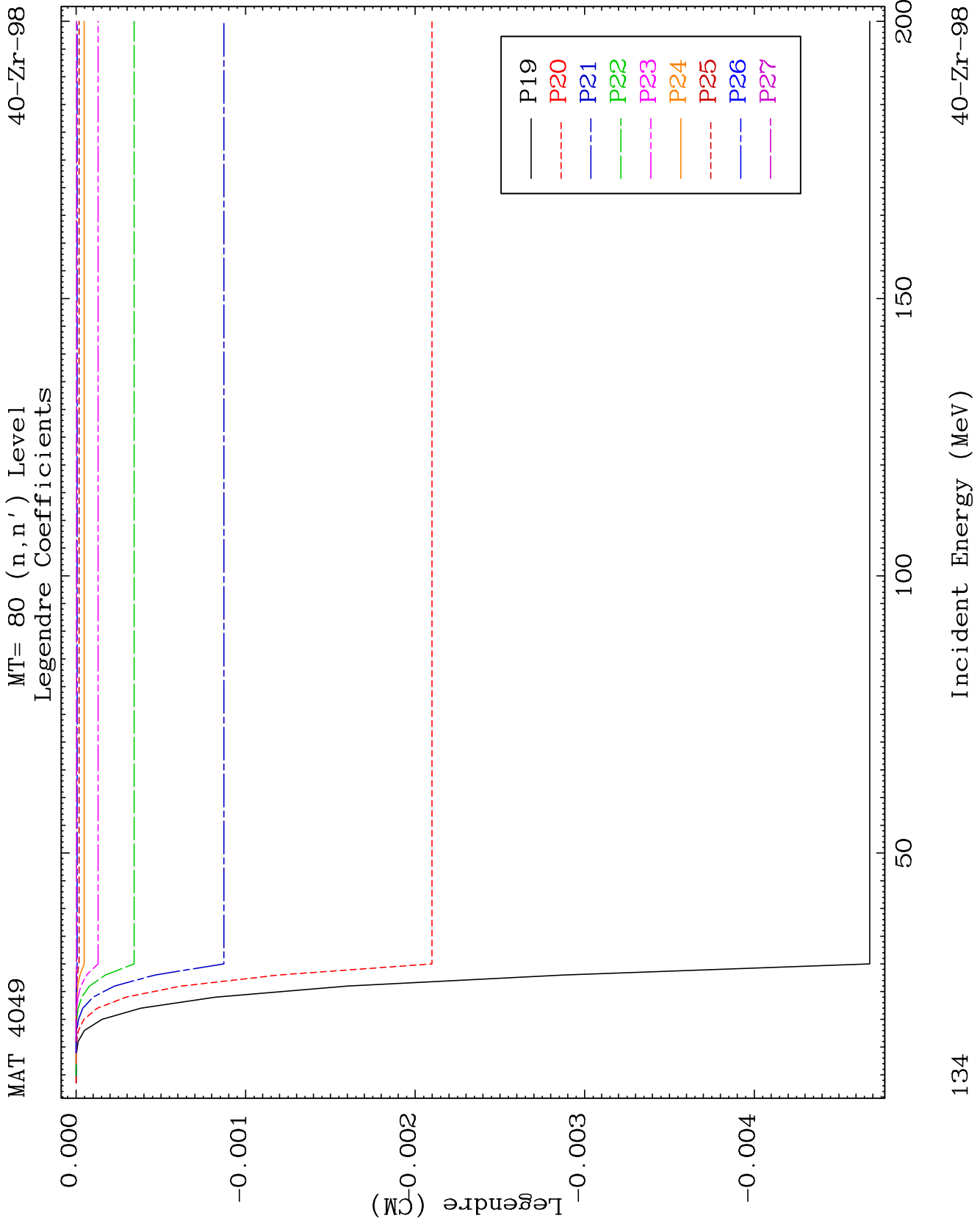
40-Zr-98

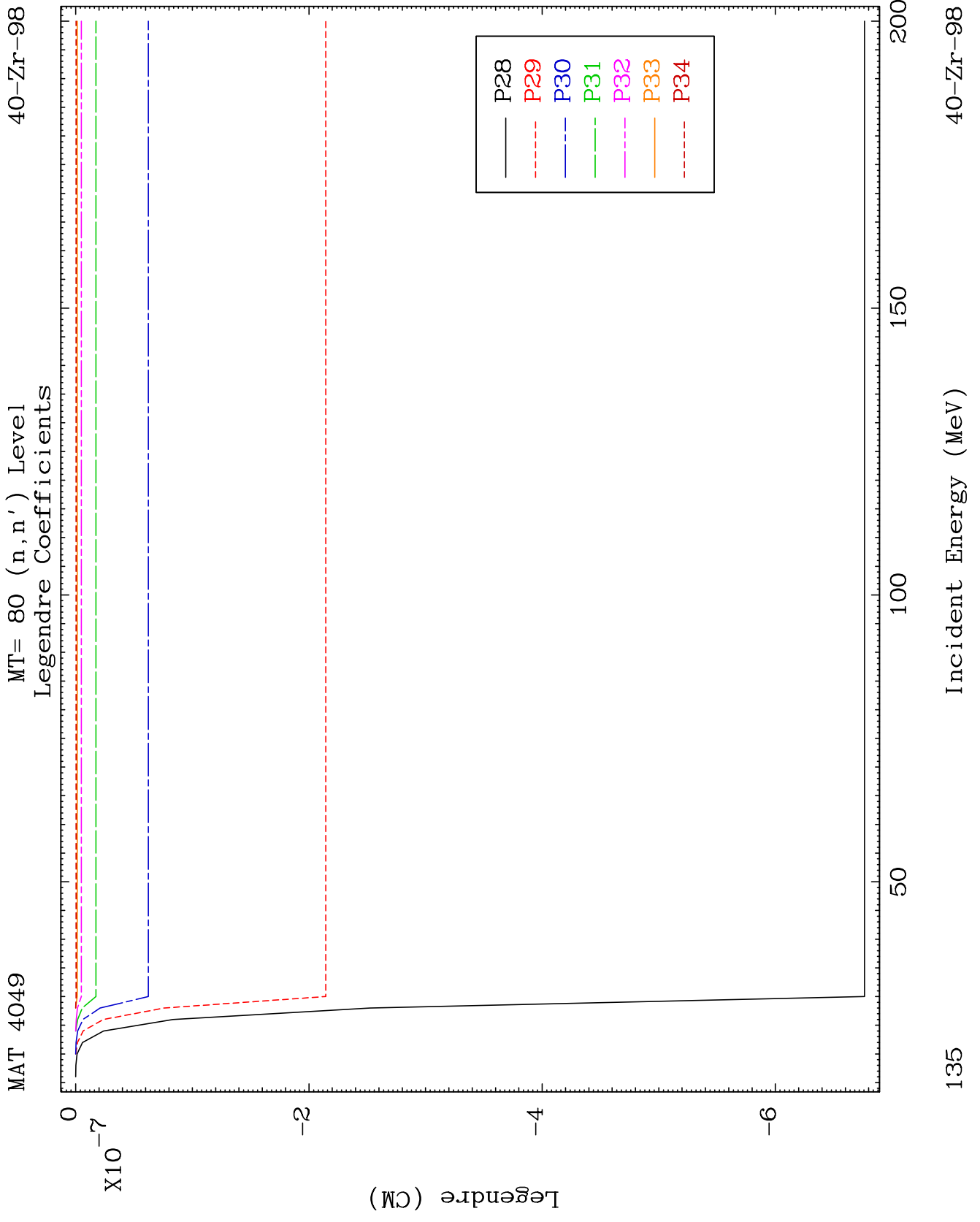


133

Incident Energy (MeV)

40-Zr-98



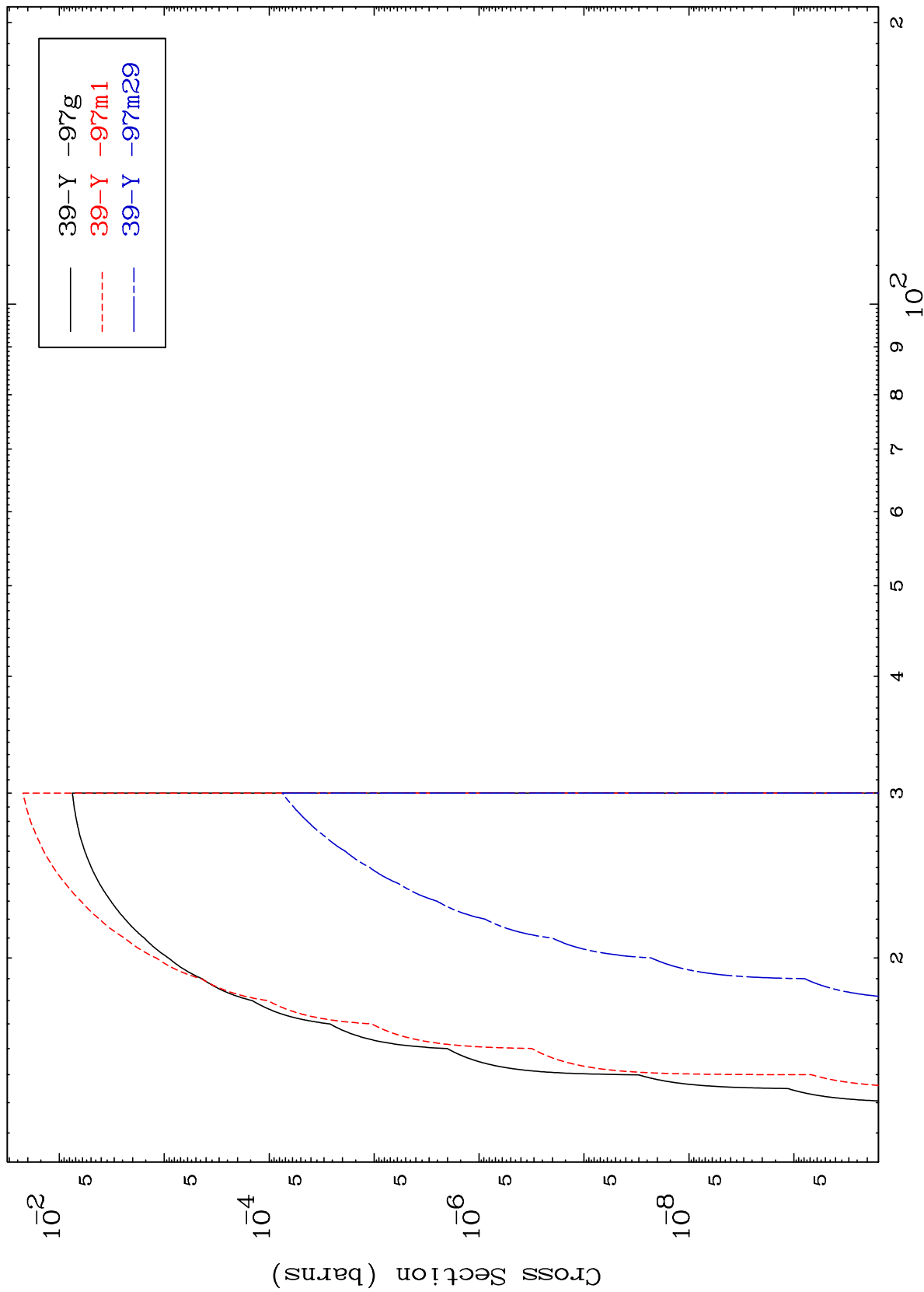


MAT 4049

(n,n') p

40-Zr-98

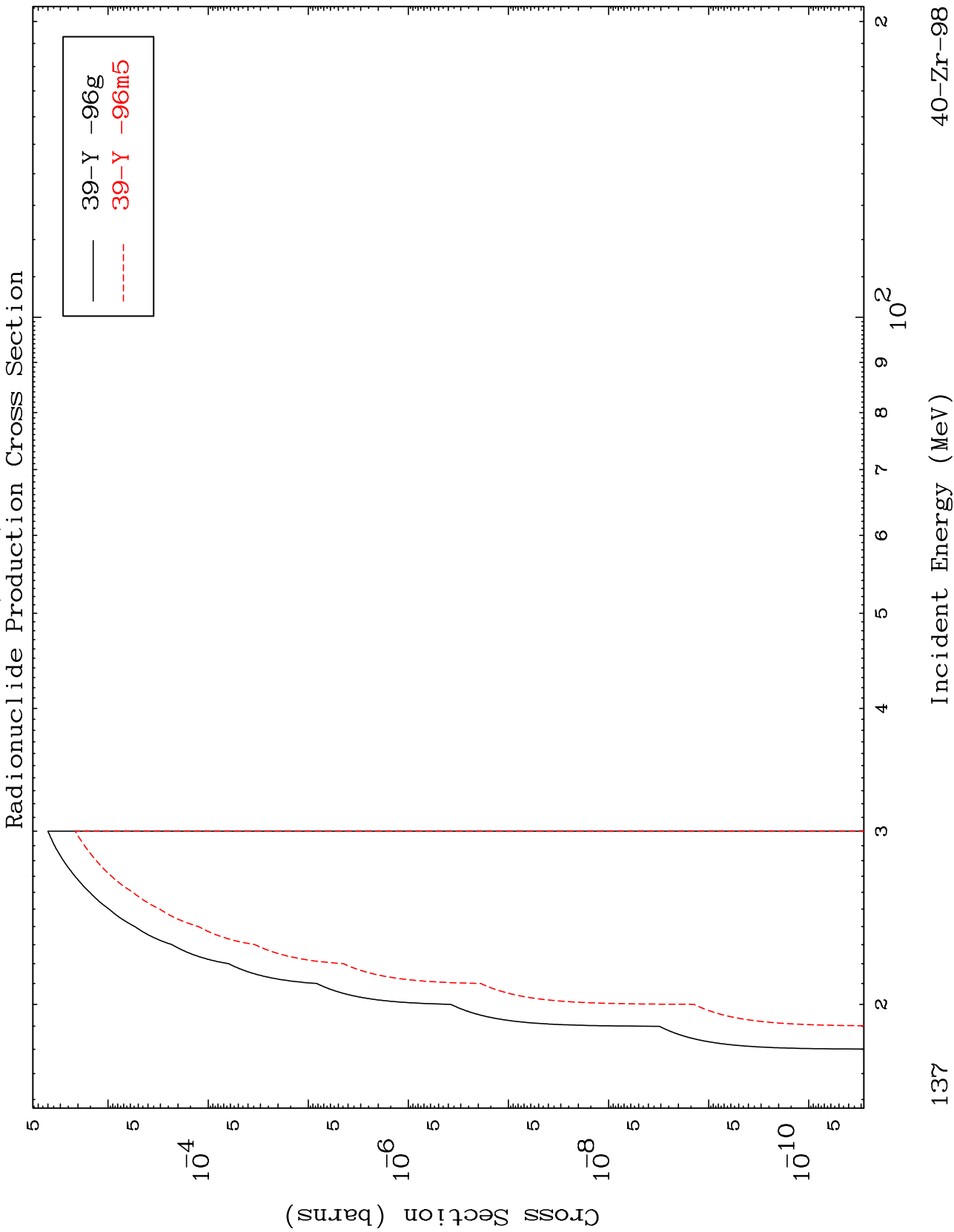
Radionuclide Production Cross Section



136

Incident Energy (MeV)

40-Zr-98

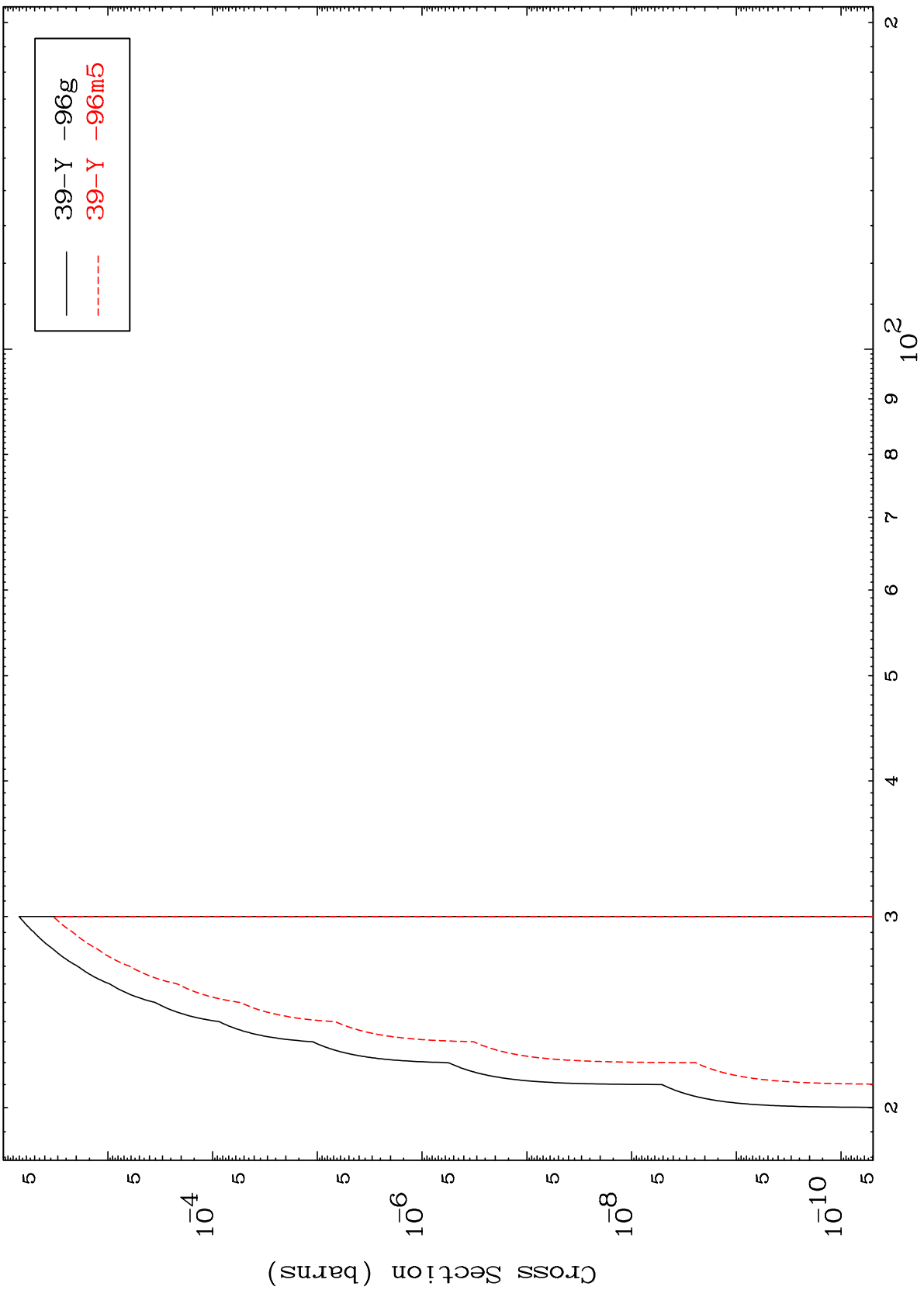


MAT 4049

(n,2n) p

40-Zr-98

Radionuclide Production Cross Section

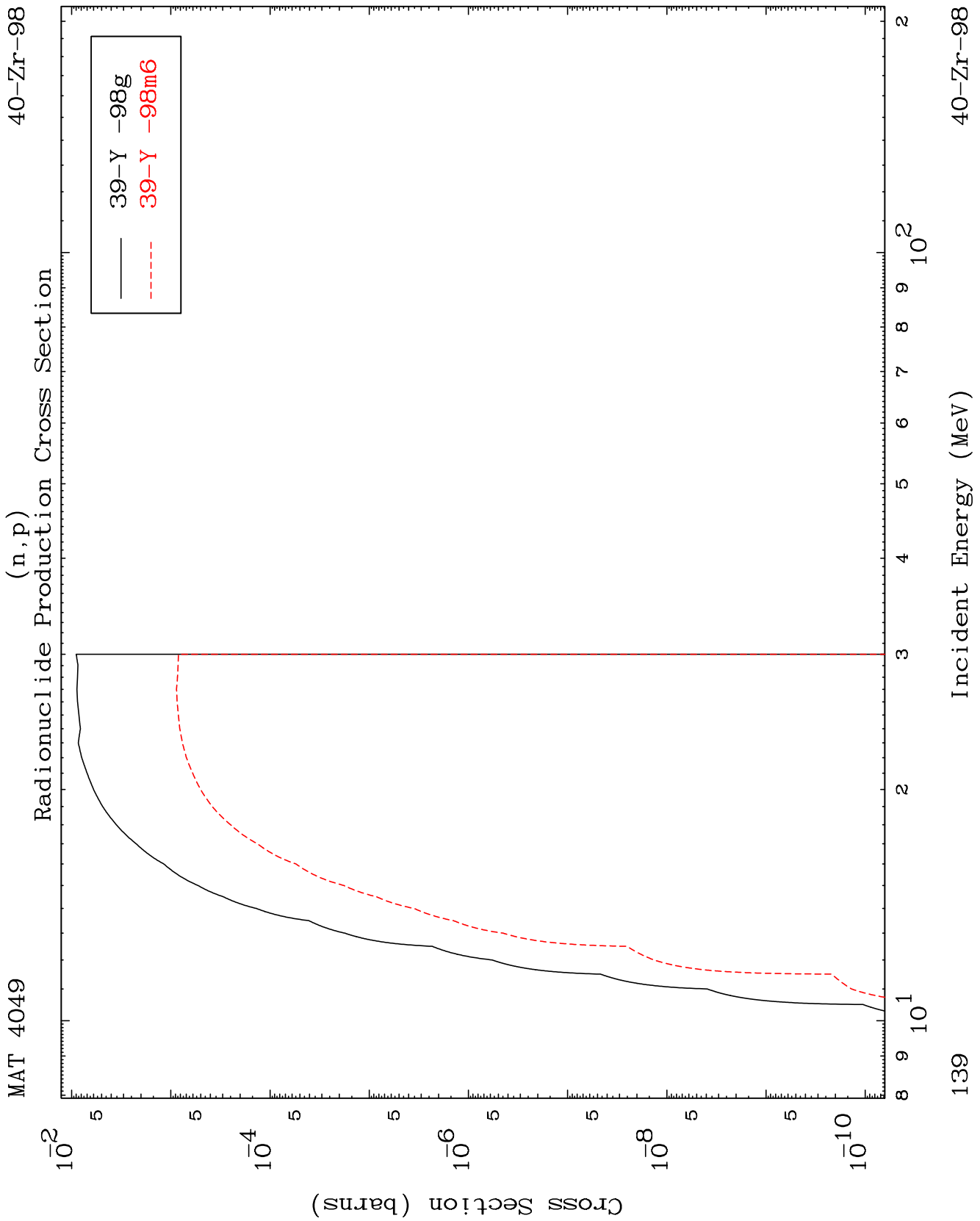


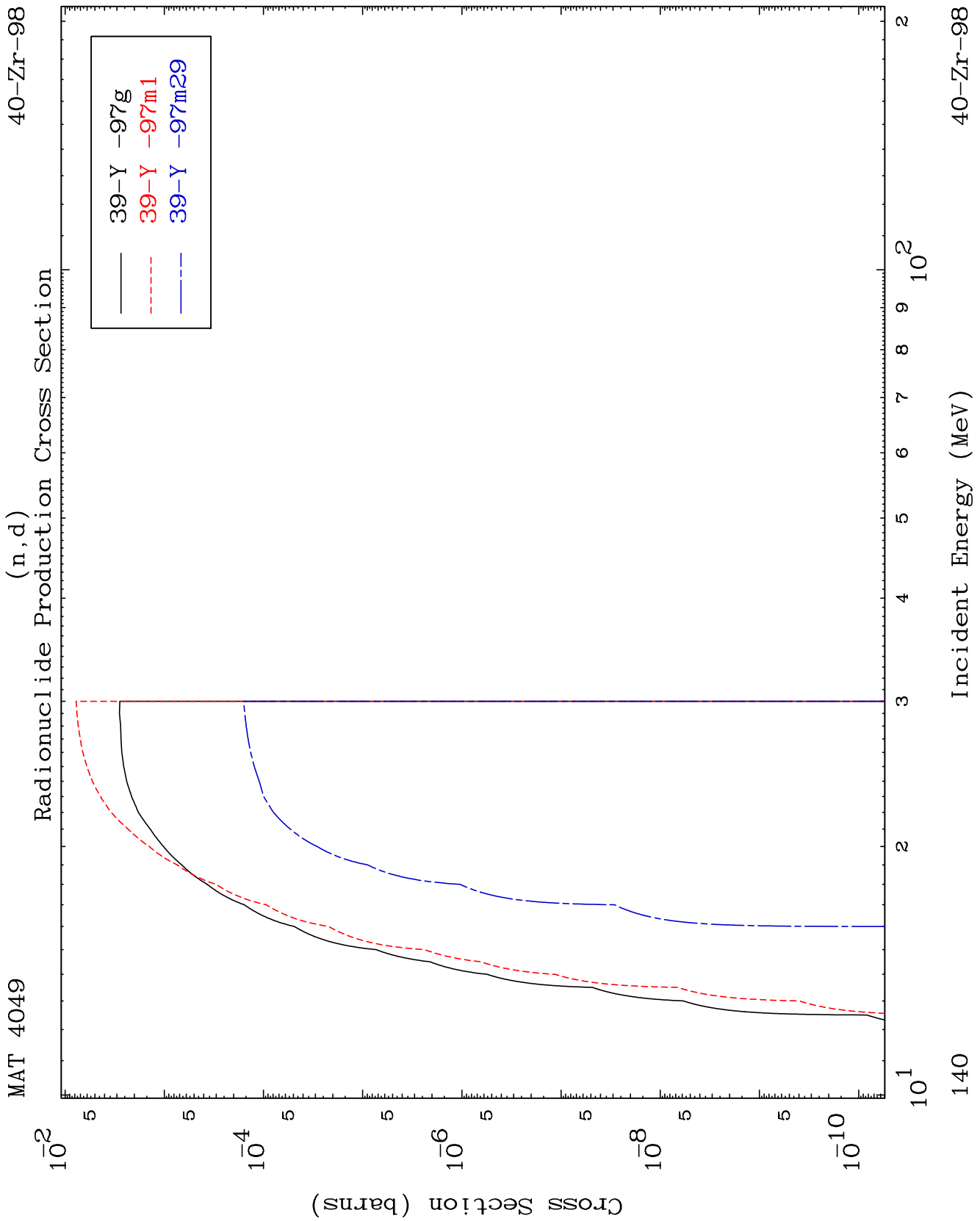
39-Y -96g  
39-Y -96m5

138

Incident Energy (MeV)

40-Zr-98

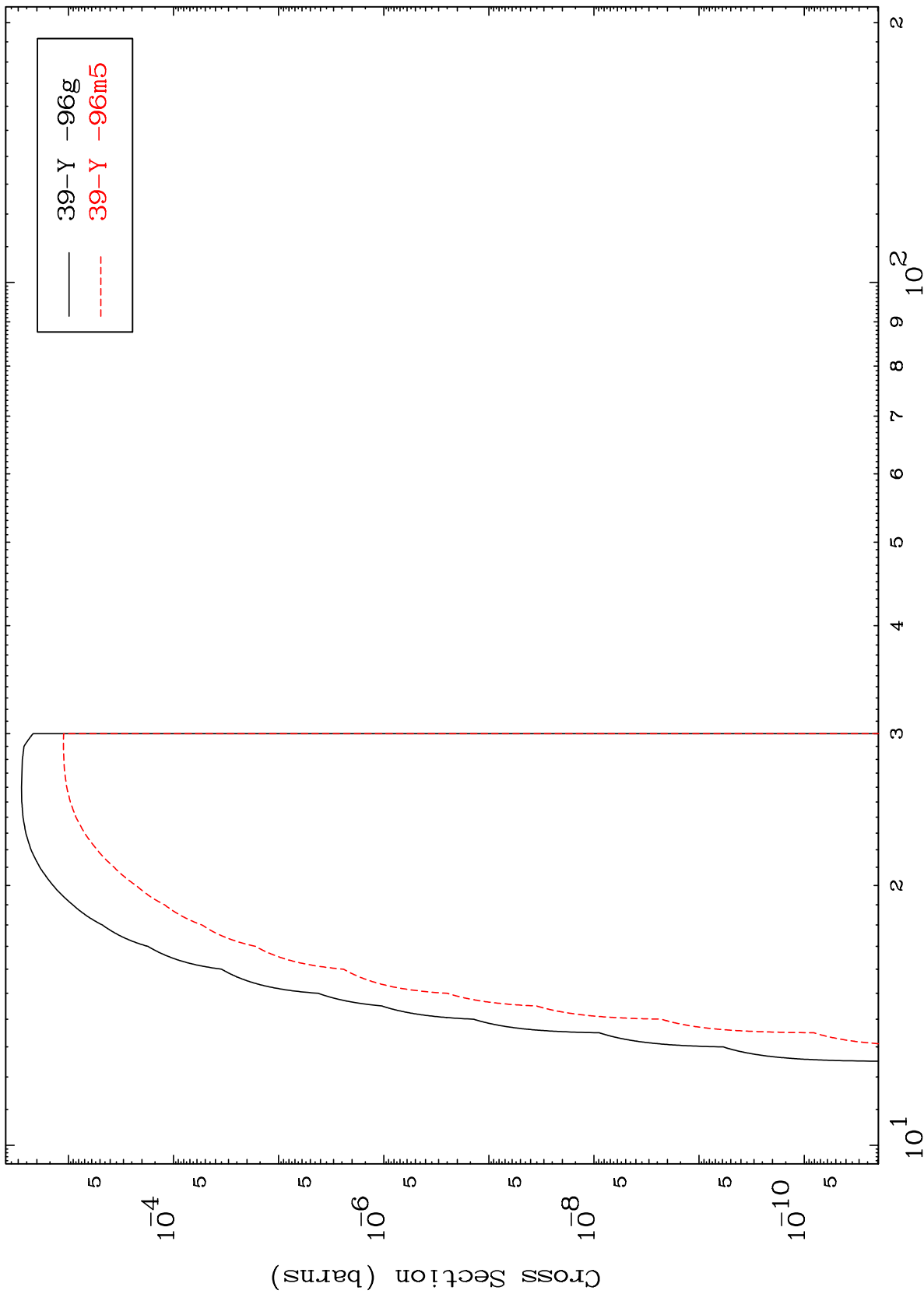




MAT 4049

40-Zr-98

(n,t)  
Radionuclide Production Cross Section



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

40-Zr-98

Incident Energy (MeV)

141