

Program EVALPLOT  
(Version 2017-1)

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

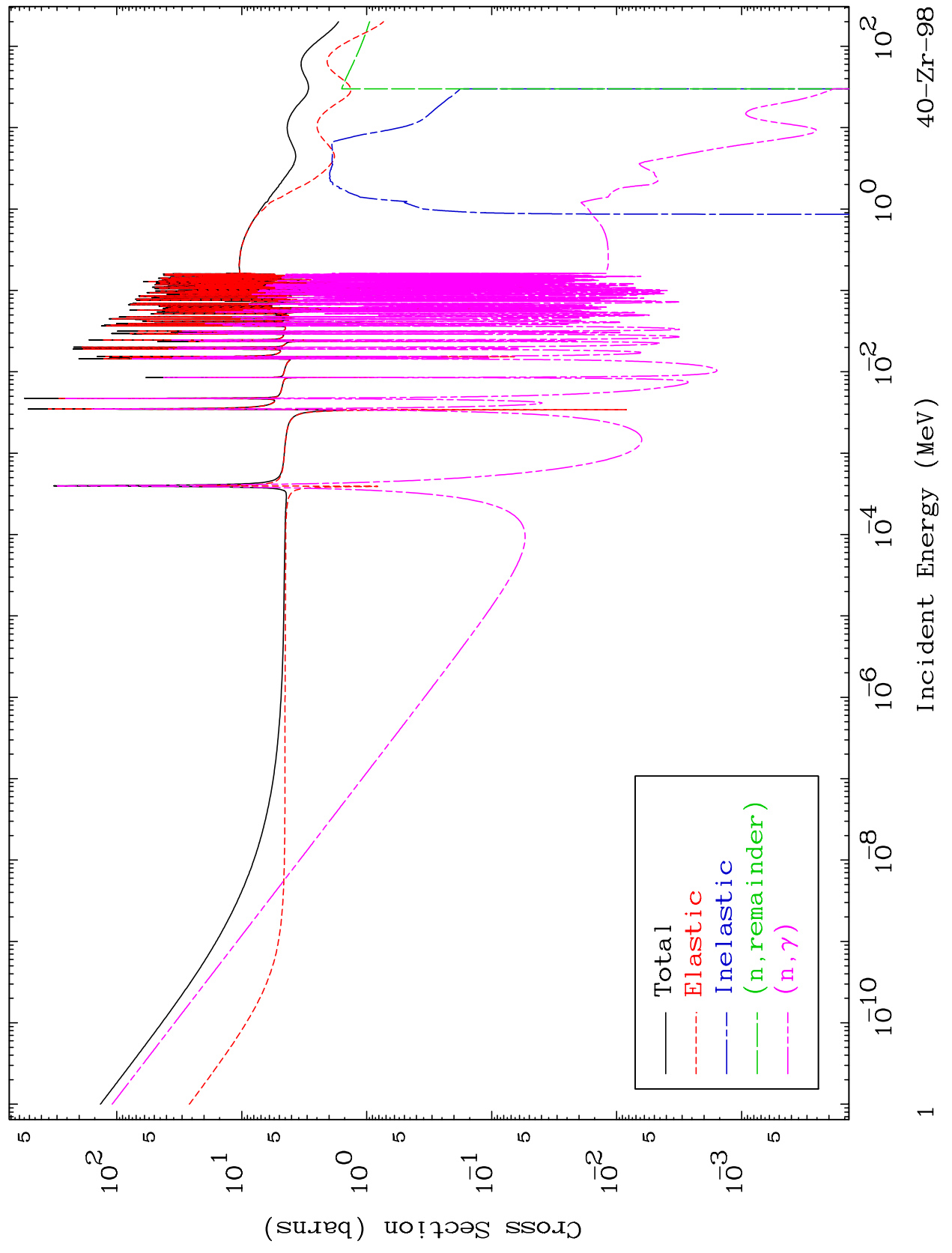
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Press Mouse Button to Start

MAT 4049

Major  
293 Kelvin Cross Sections

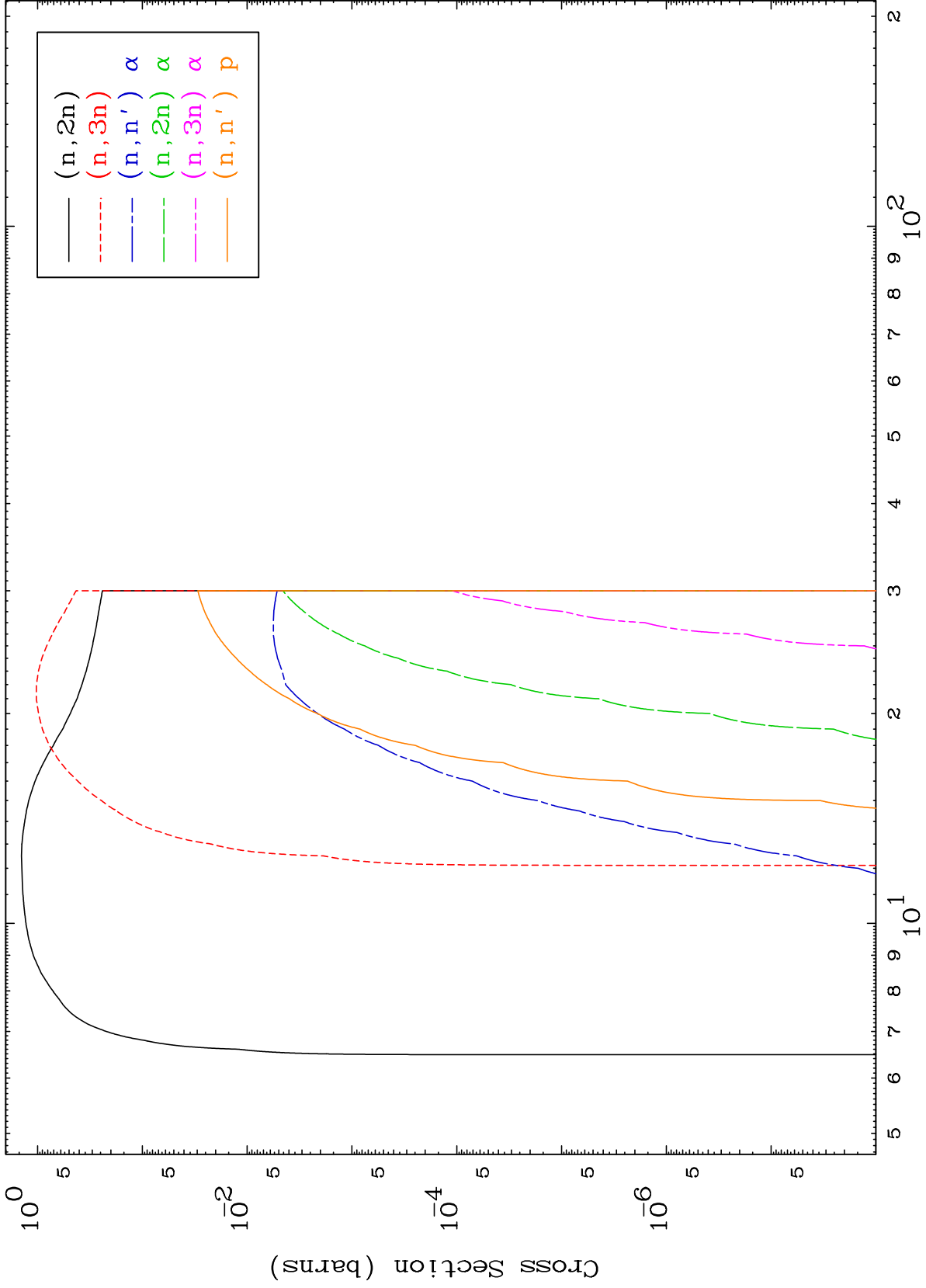
40-Zr-98



MAT 4049

Neutron Production  
293 Kelvin Cross Sections

40-Zr-98



2

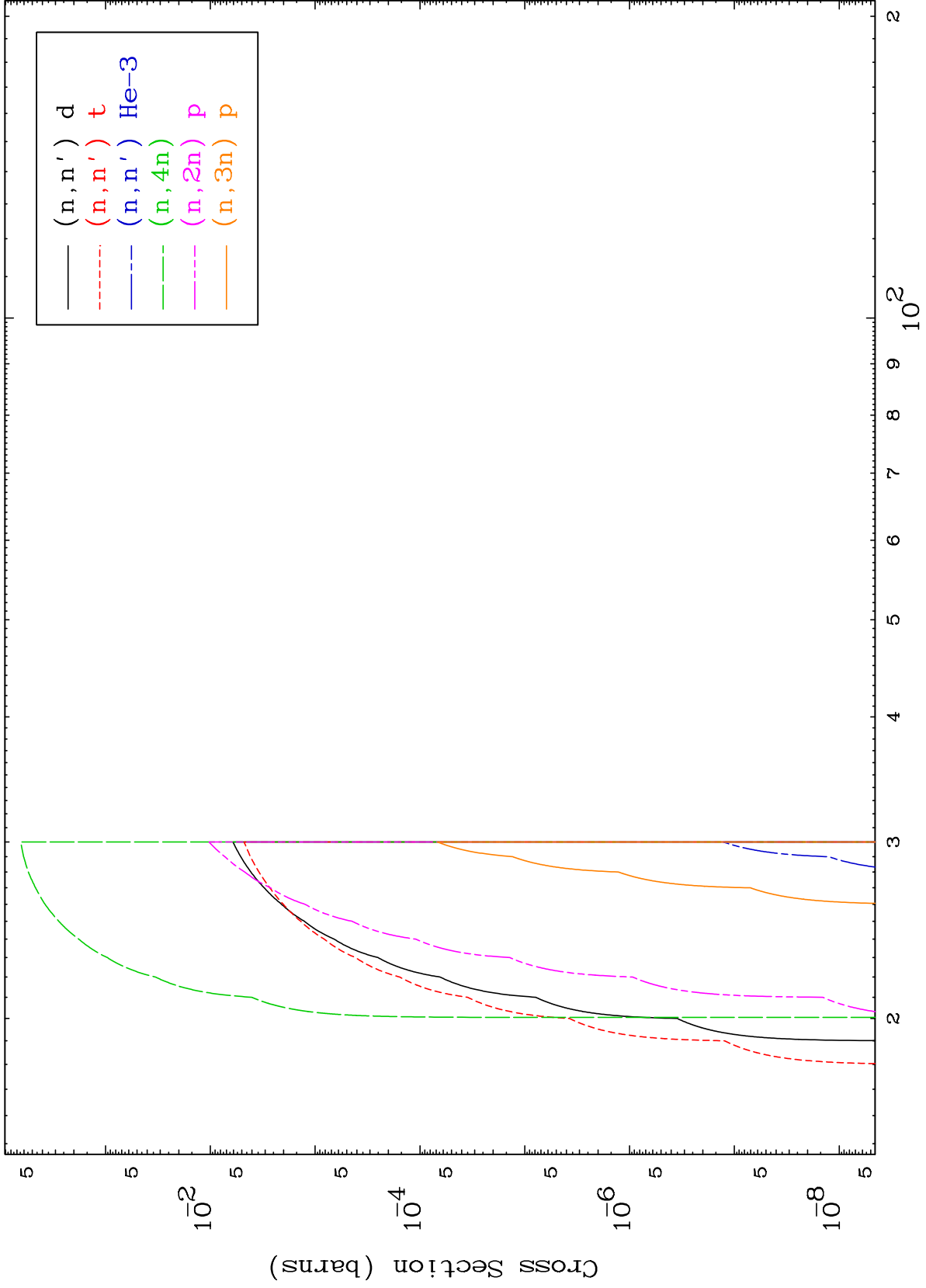
Incident Energy (MeV)

40-Zr-98

MAT 4049

Neutron Production  
293 Kelvin Cross Sections

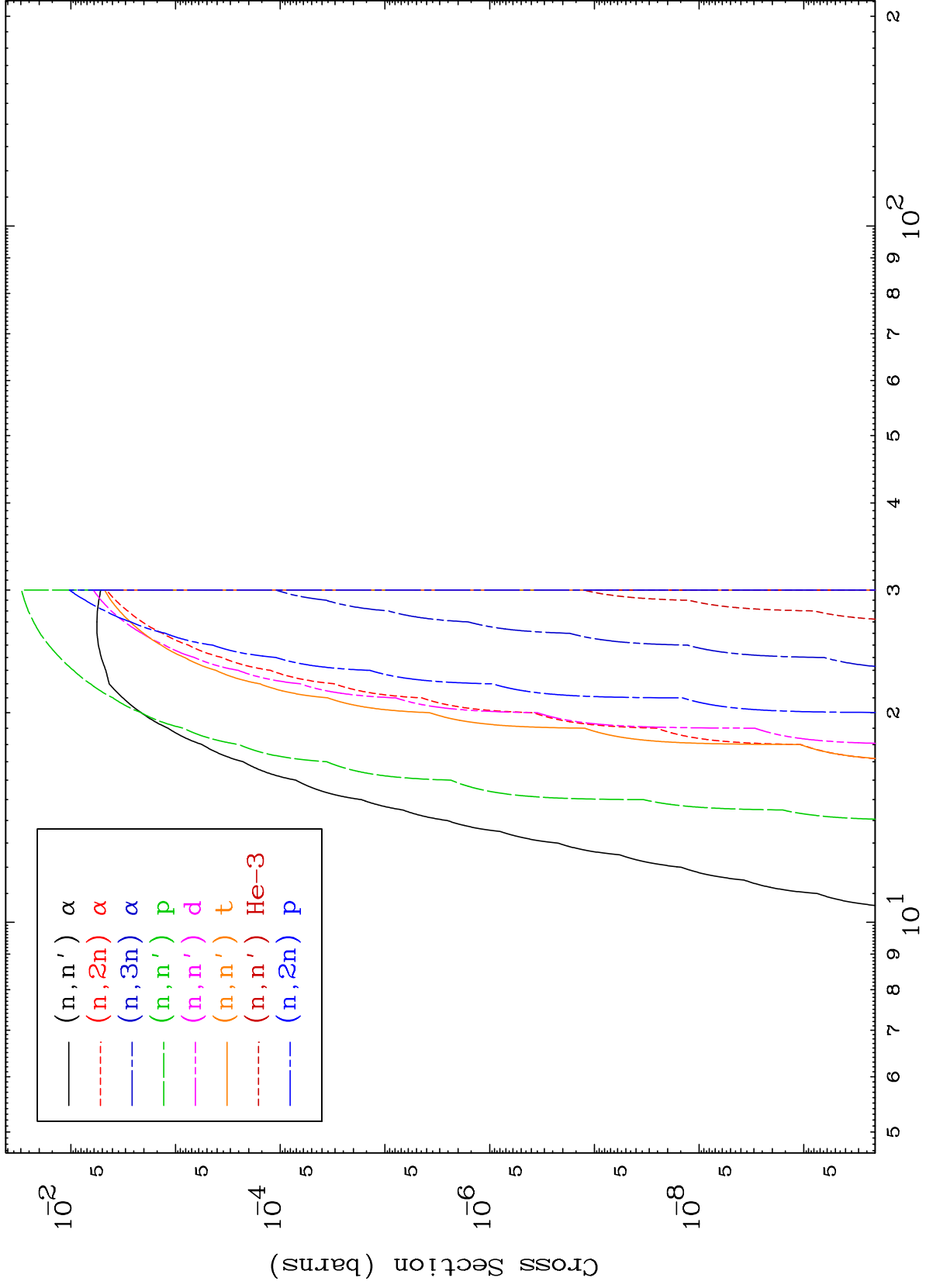
40-Zr-98



3

Incident Energy (MeV)

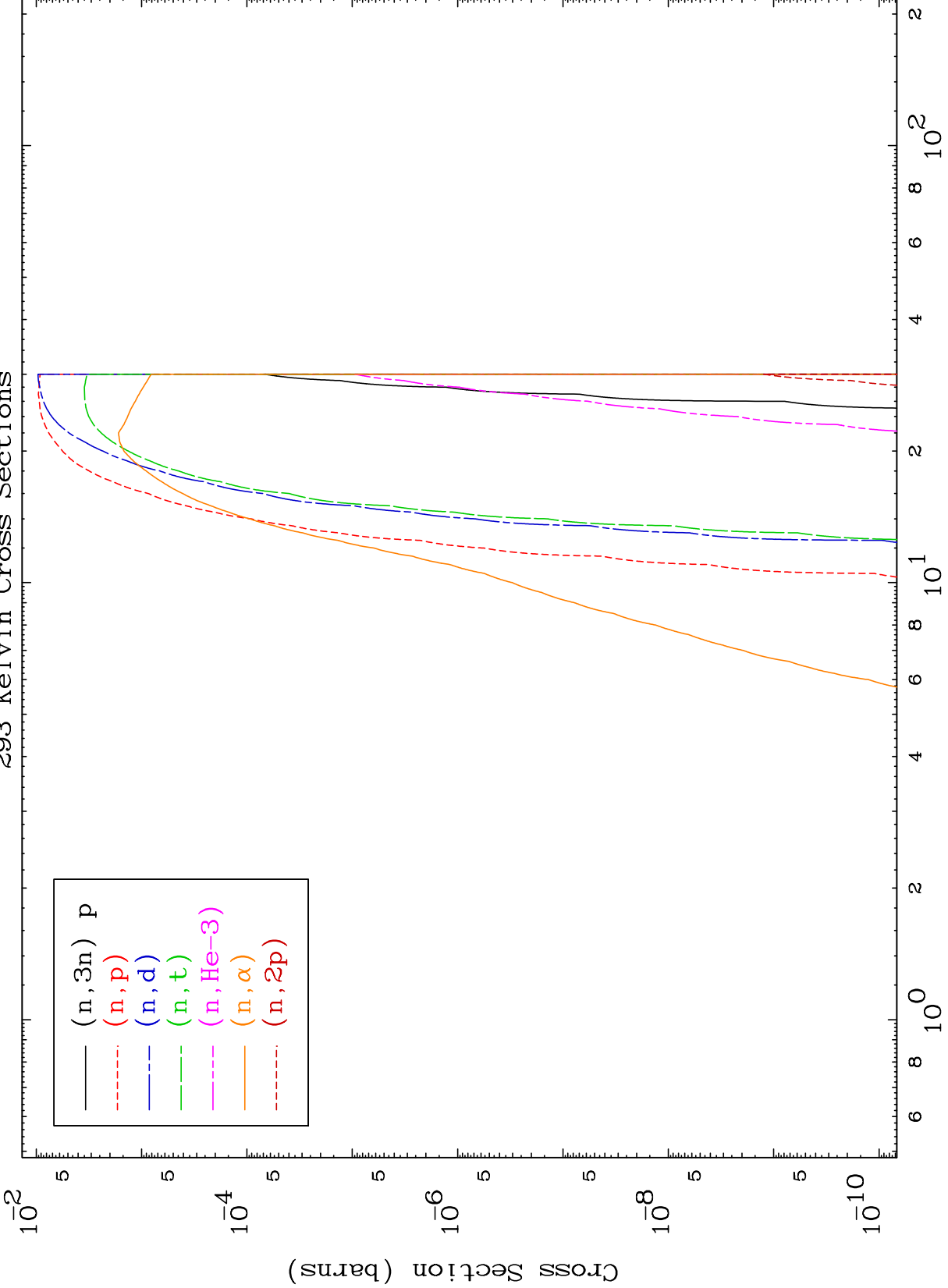
40-Zr-98



MAT 4049

Charged Particle  
293 Kelvin Cross Sections

40-Zr-98



5

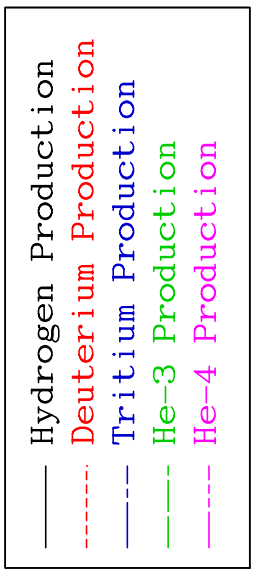
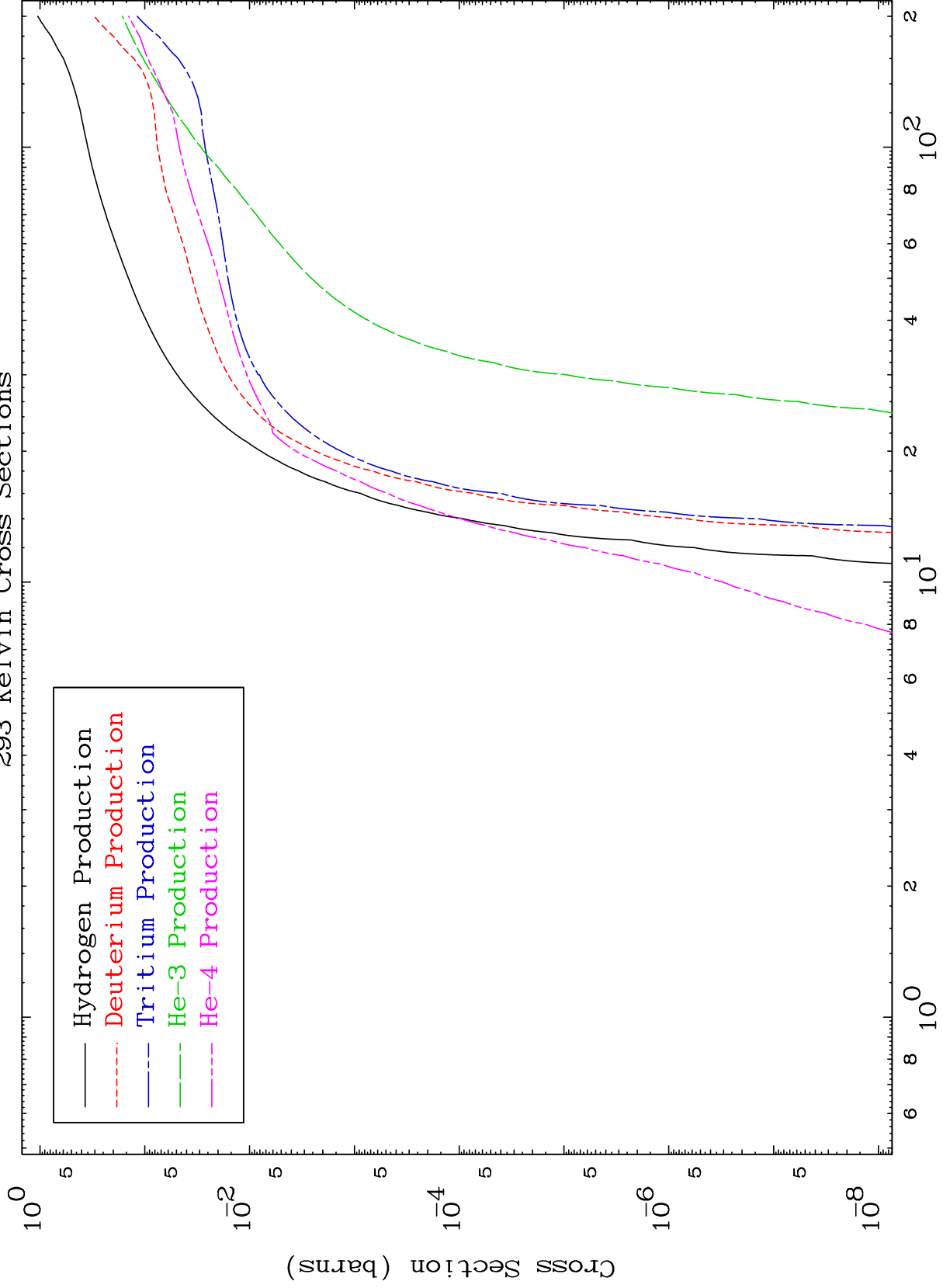
Incident Energy (MeV)

40-Zr-98

MAT 4049

Particle Production  
293 Kelvin Cross Sections

40-Zr-98



6

Incident Energy (MeV)

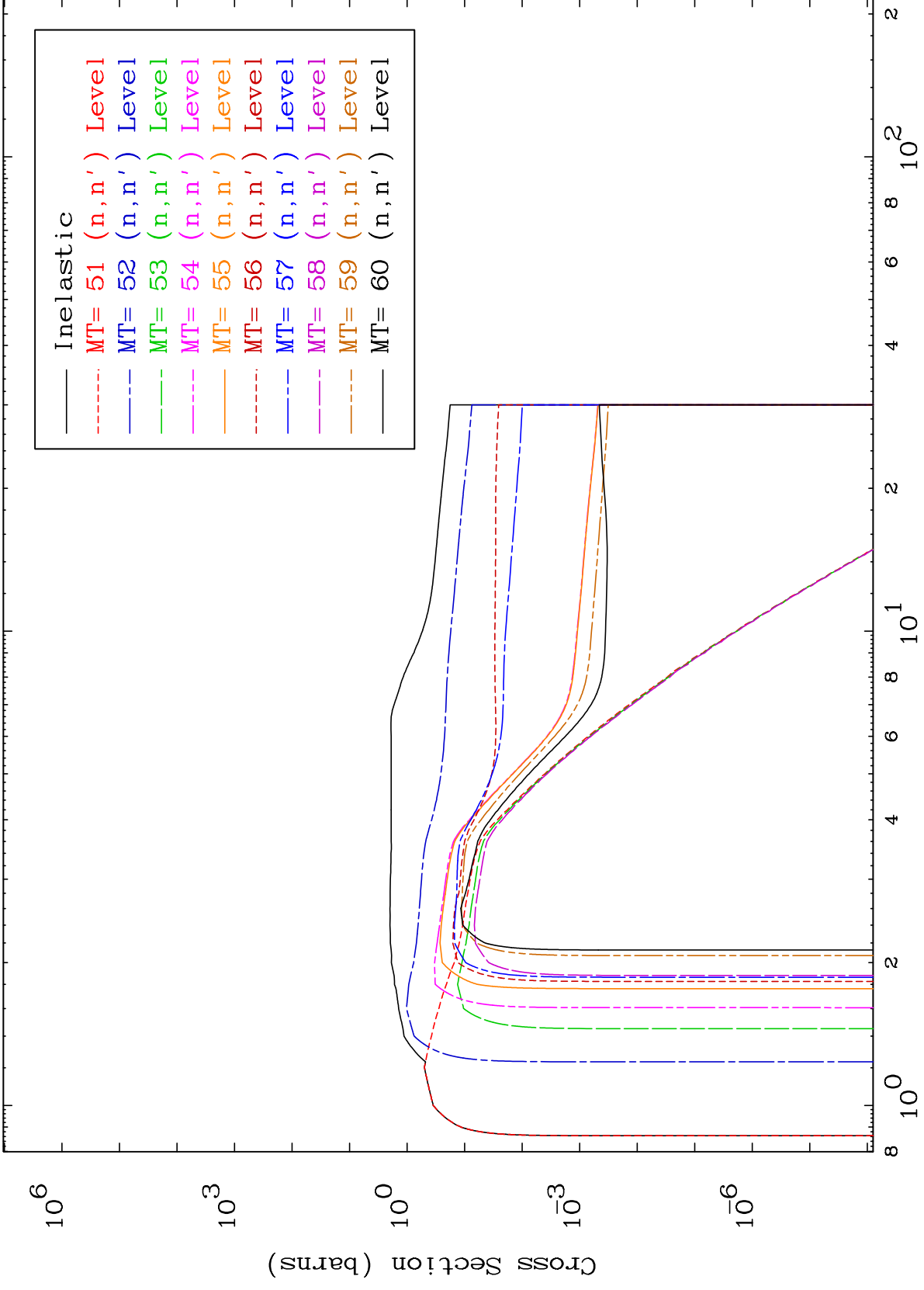
40-Zr-98

MAT 4049

(n,n') Level

40-Zr-98

293 Kelvin Cross Sections



Incident Energy (MeV)

40-Zr-98

7

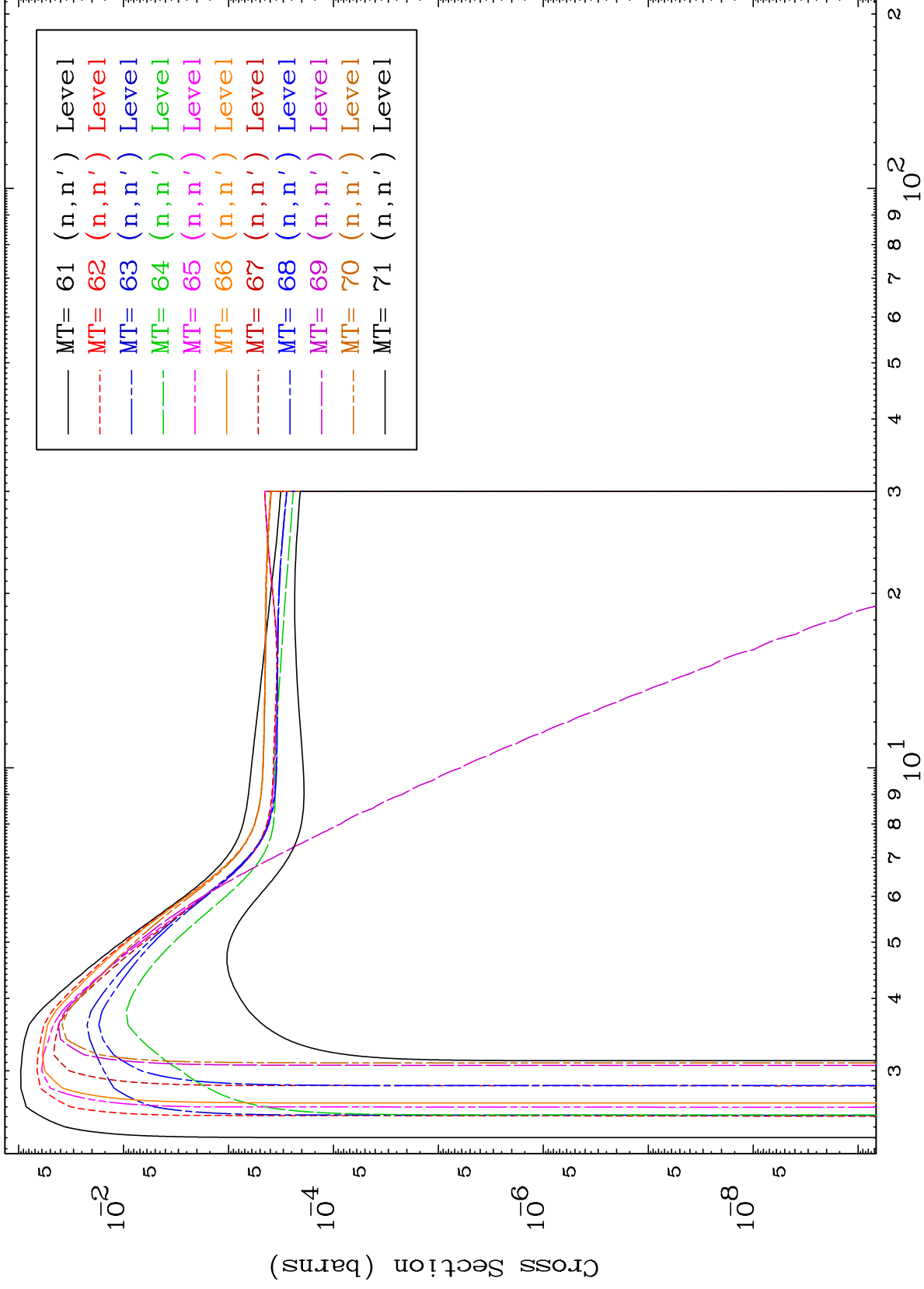


MAT 4049

(n,n') Level

40-Zr-98

293 Kelvin Cross Sections



8

Incident Energy (MeV)

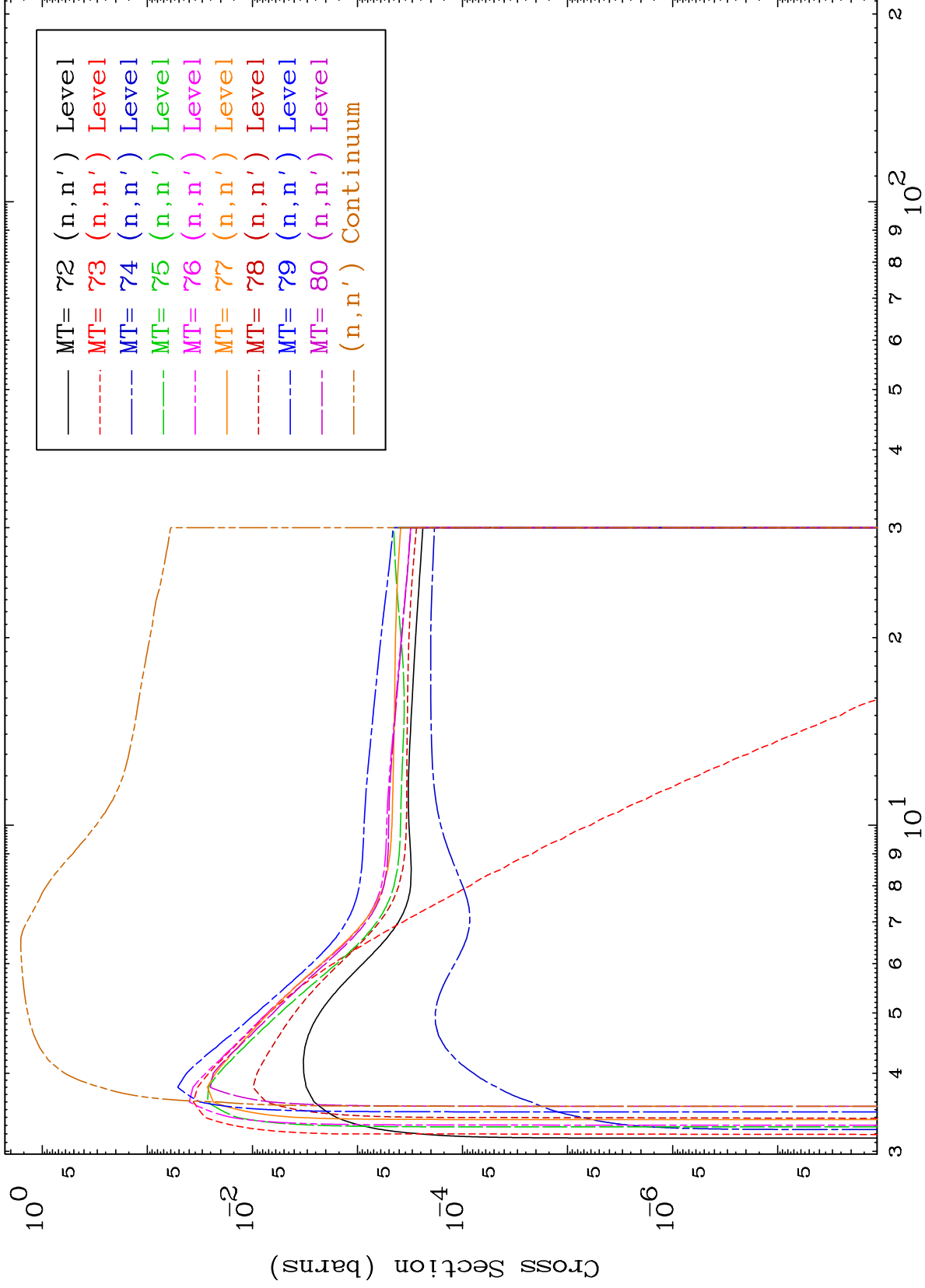
40-Zr-98

MAT 4049

(n,n') Level

40-Zr-98

293 Kelvin Cross Sections



Incident Energy (MeV)

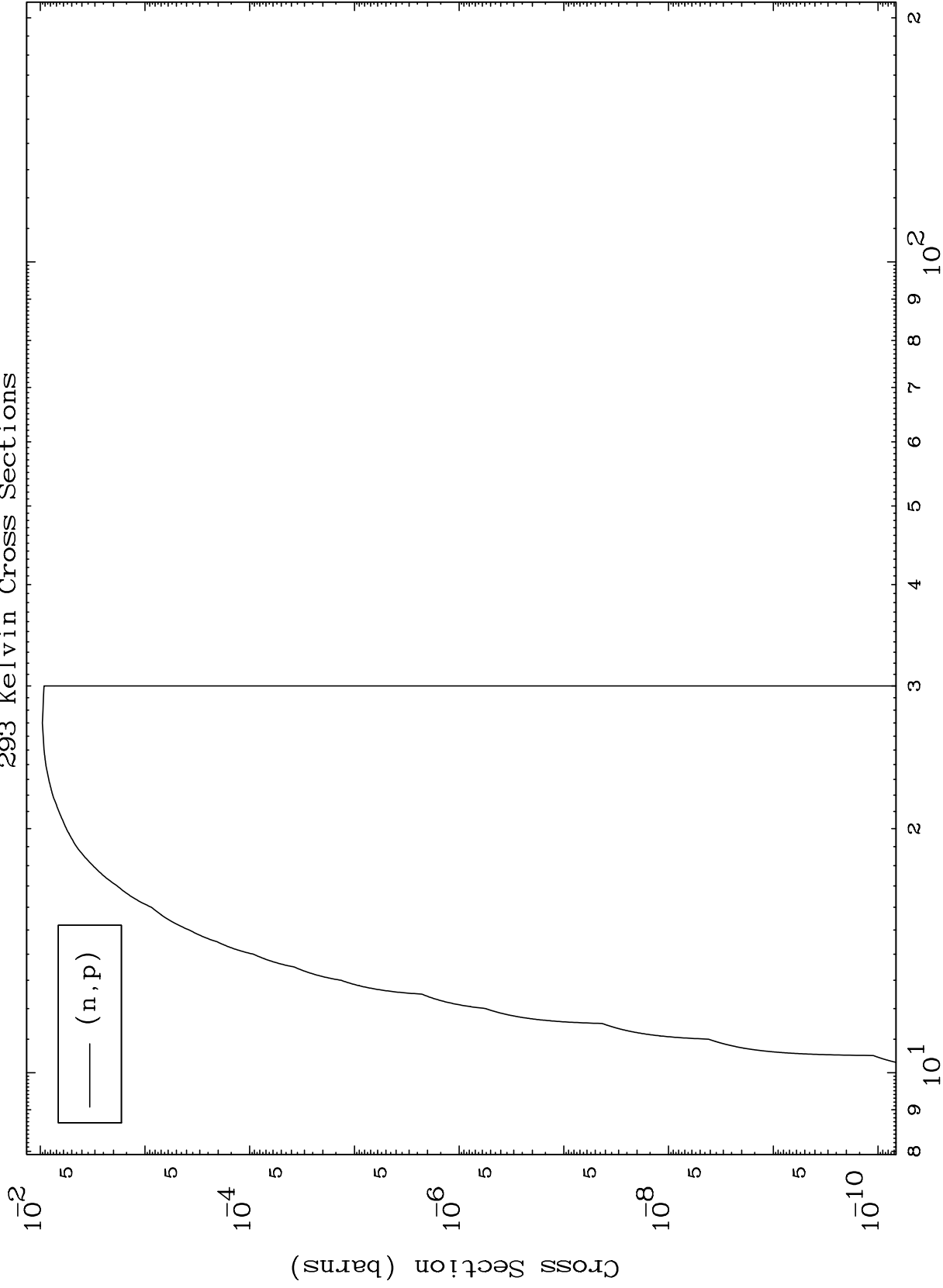
40-Zr-98

9

MAT 4049

(n,p) Levels  
293 Kelvin Cross Sections

40-Zr-98



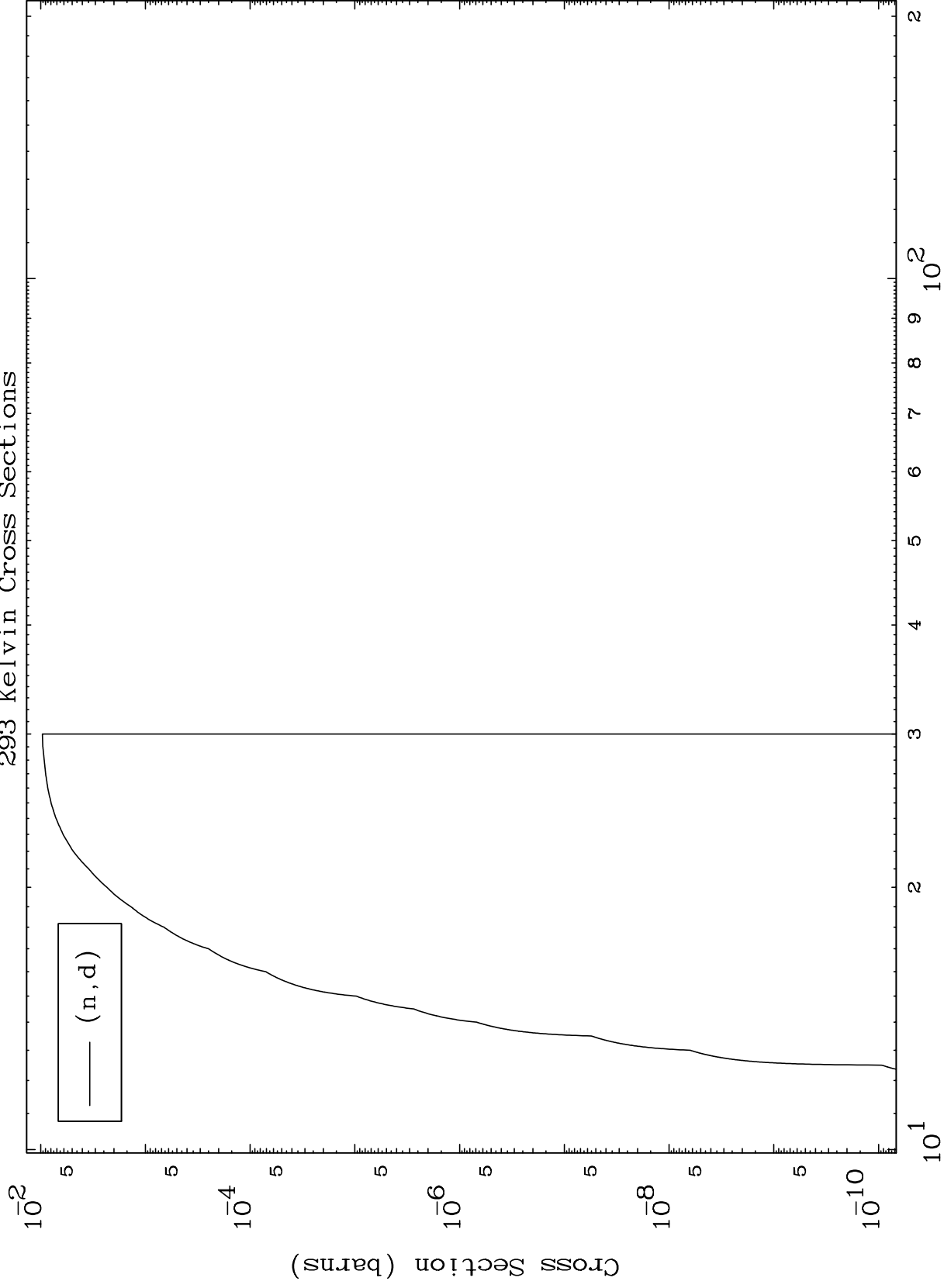
Incident Energy (MeV)

40-Zr-98

MAT 4049

(n,d) Levels  
293 Kelvin Cross Sections

40-Zr-98



Incident Energy (MeV)

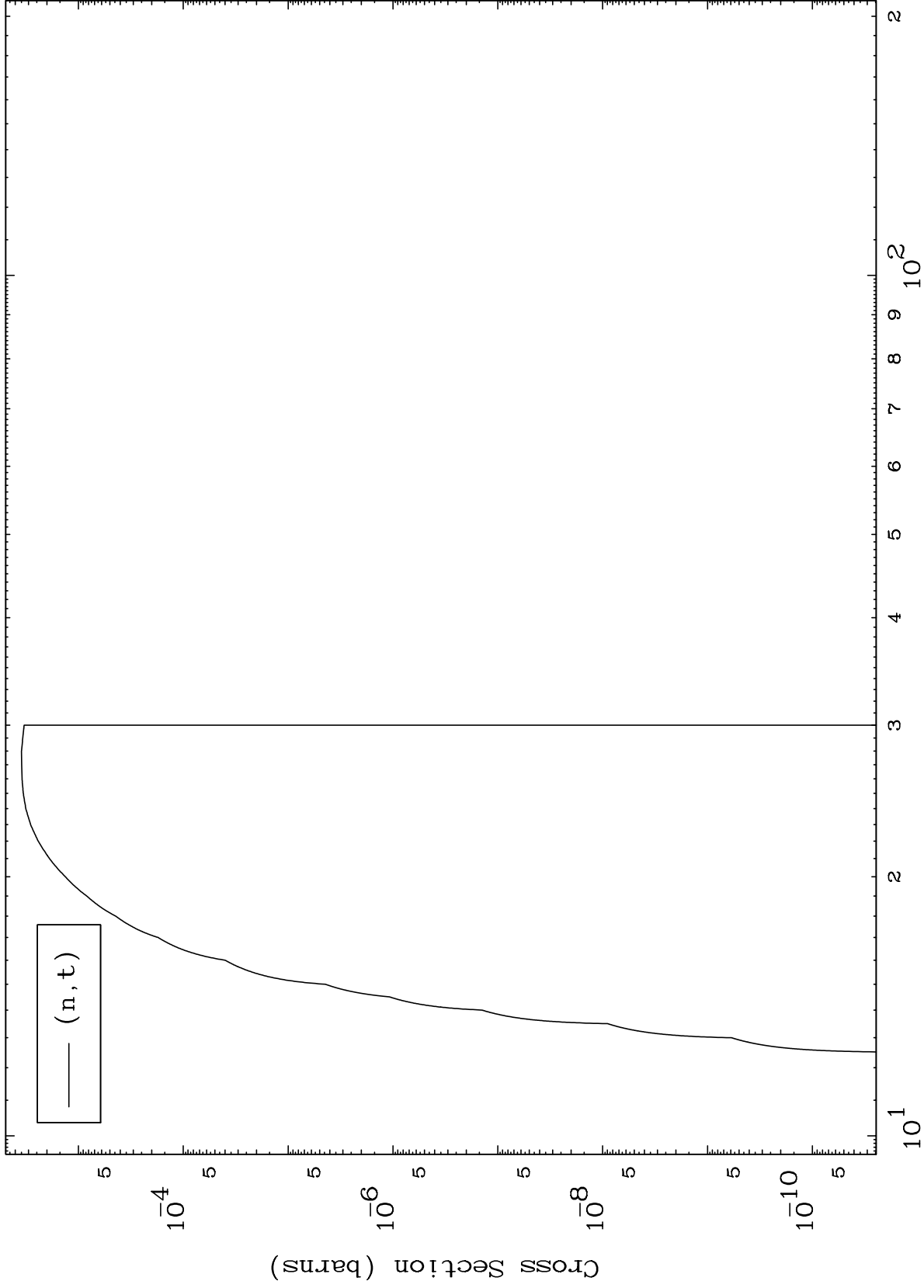
40-Zr-98

11

MAT 4049

(n,t) Levels  
293 Kelvin Cross Sections

40-Zr-98



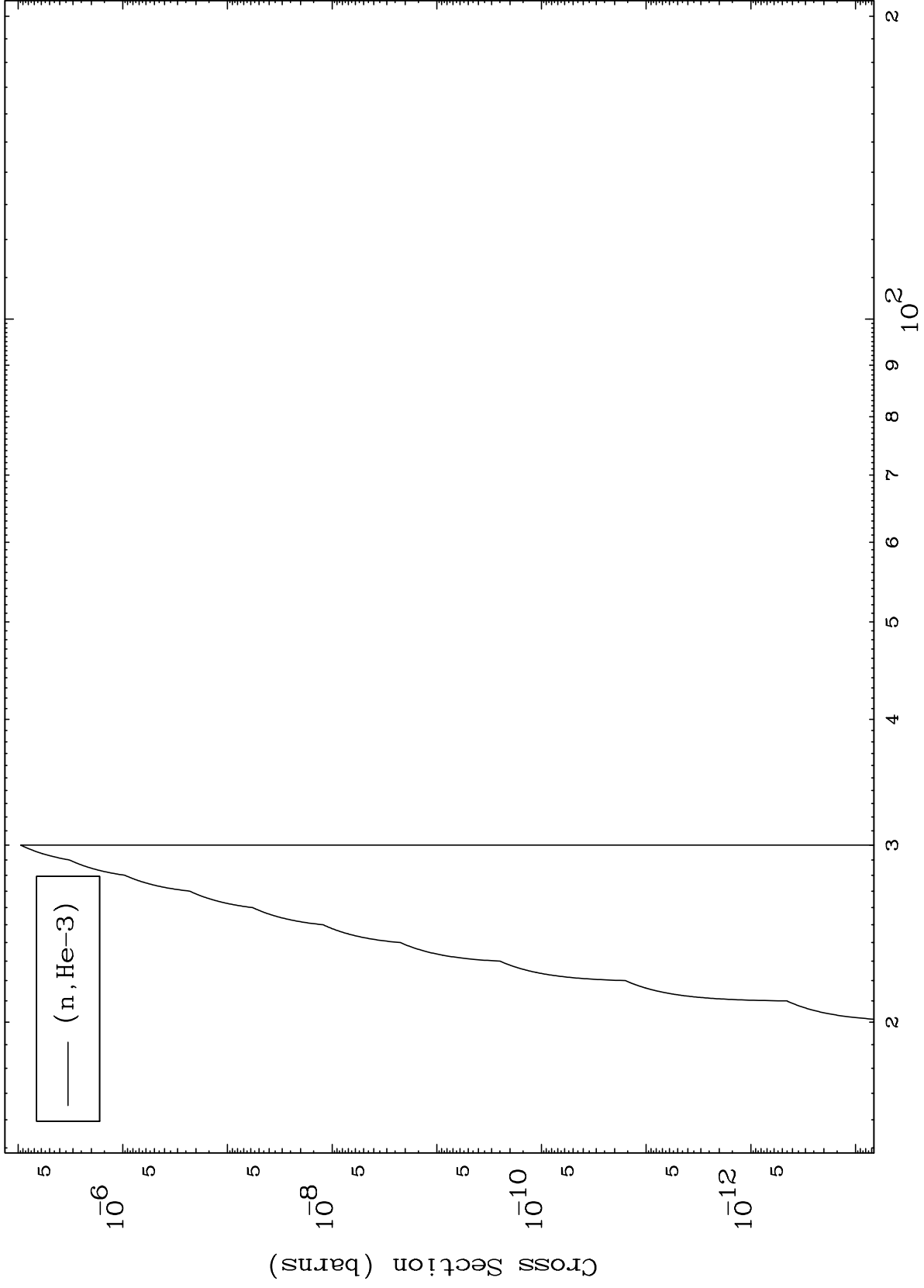
Incident Energy (MeV)

40-Zr-98

MAT 4049

(n,He3) Levels  
293 Kelvin Cross Sections

40-Zr-98



13

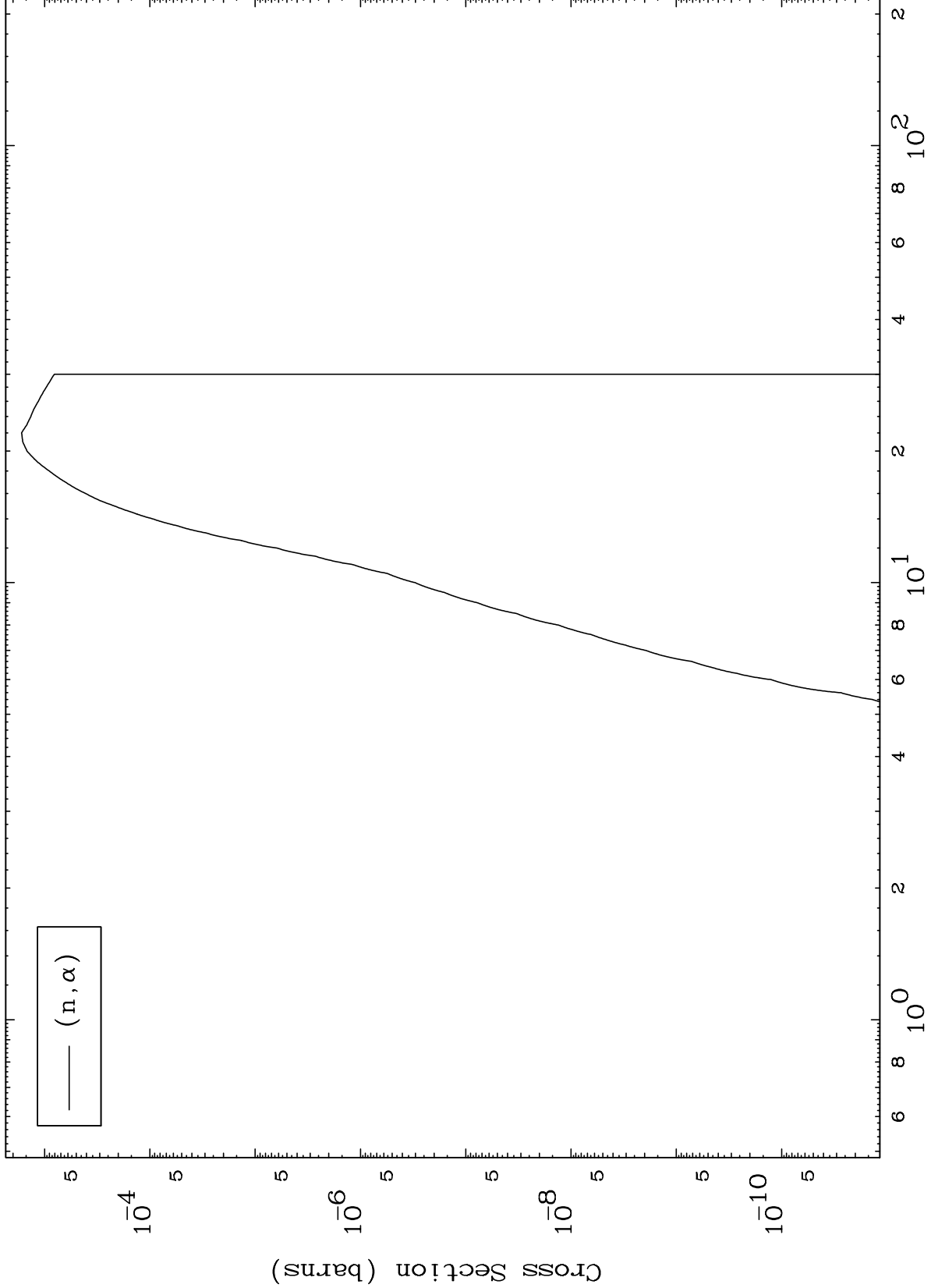
Incident Energy (MeV)

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MAT 4049

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

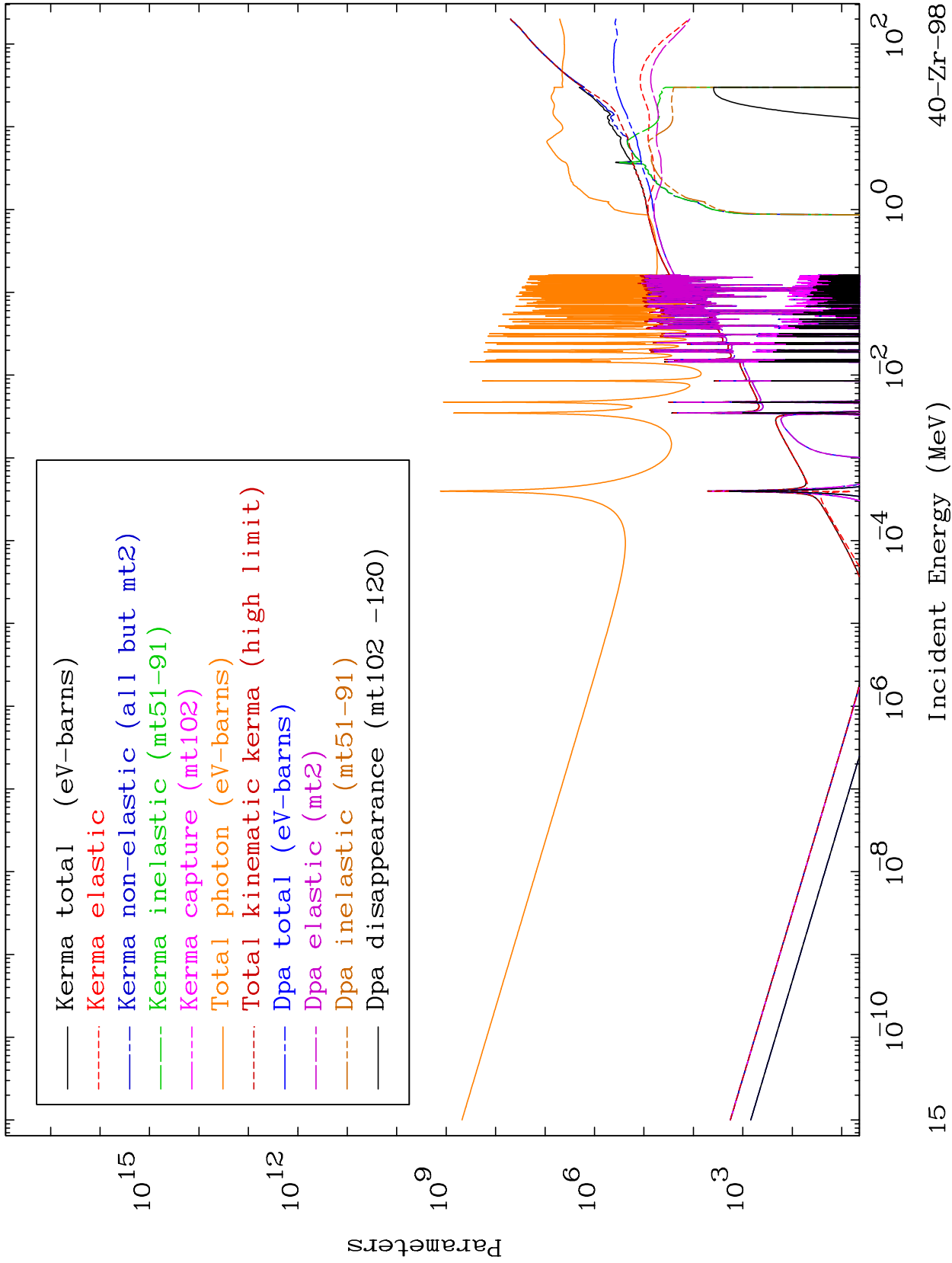
40-Zr-98



14

Incident Energy (MeV)

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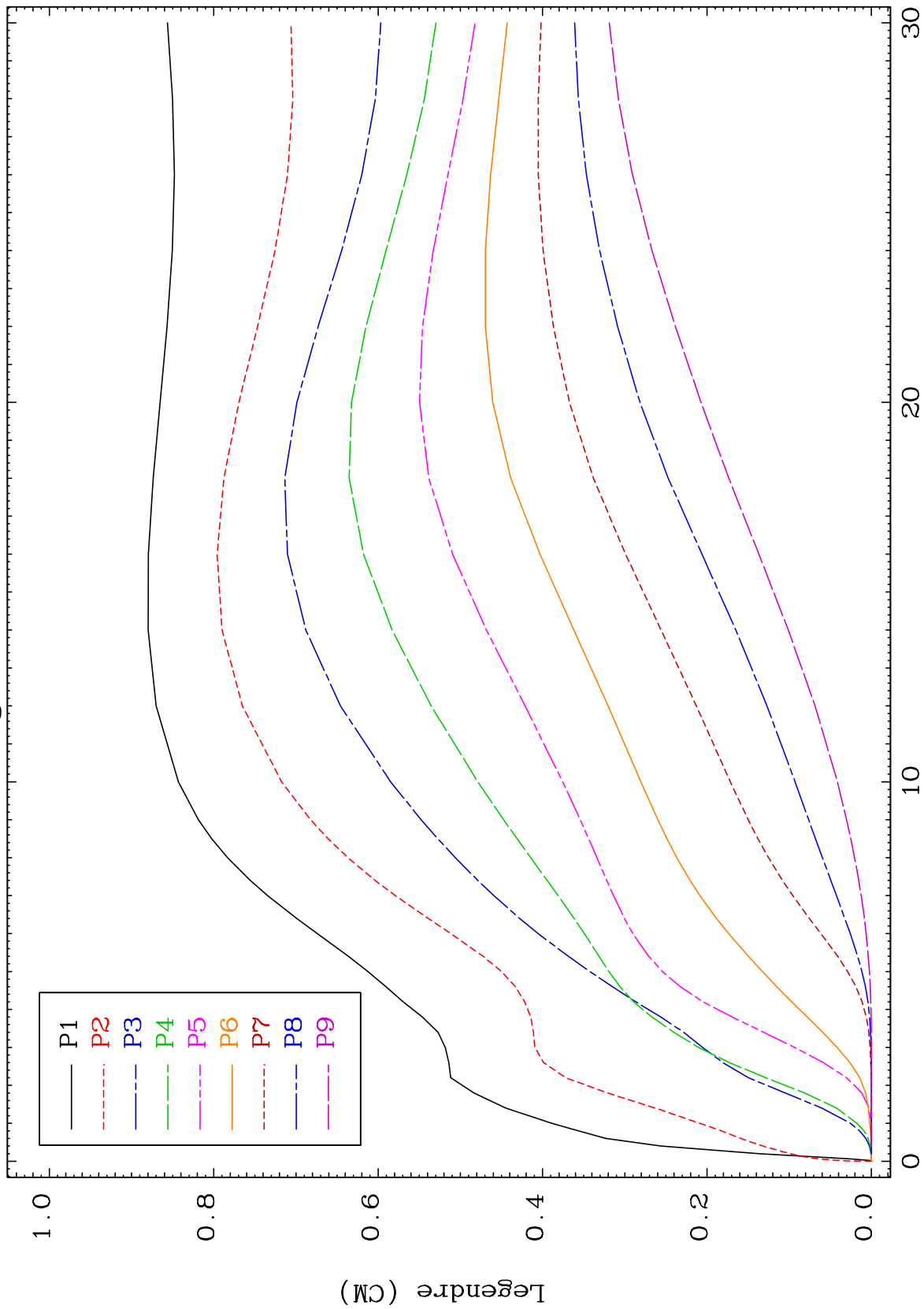




MAT 4049

Elastic Legendre Coefficients

40-Zr-98



16

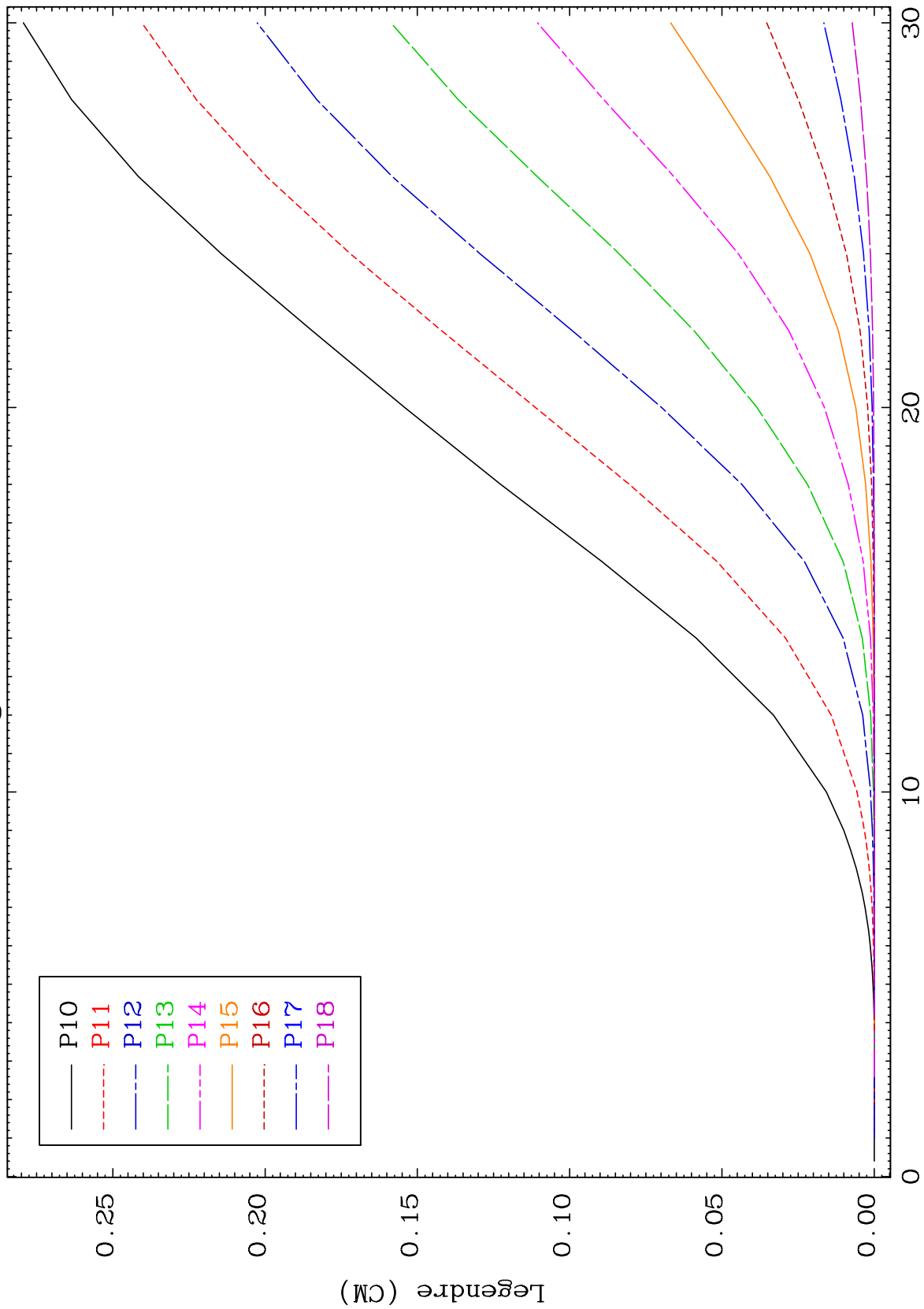
Incident Energy (MeV)

40-Zr-98

MAT 4049

Elastic Legendre Coefficients

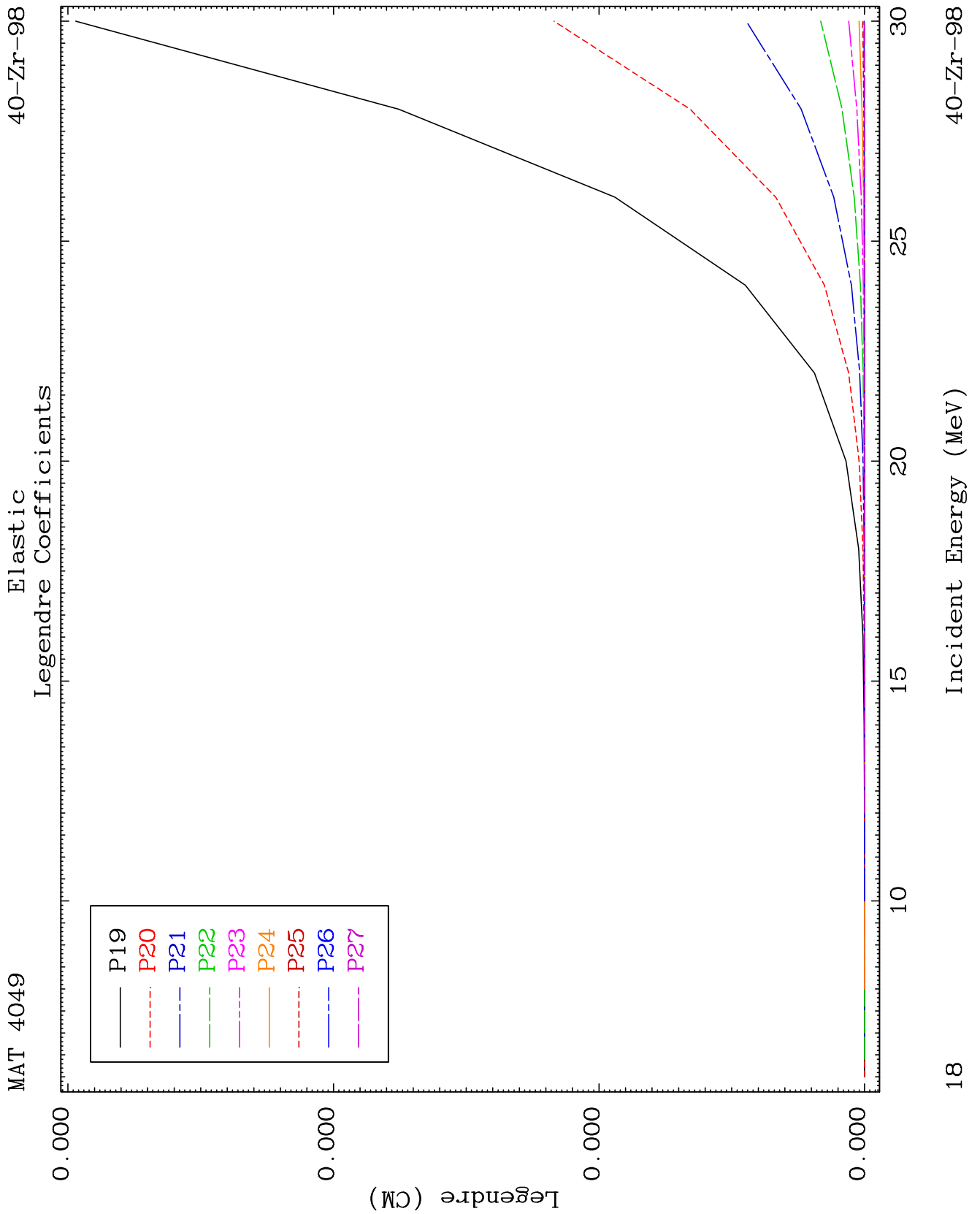
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17

Incident Energy (MeV)

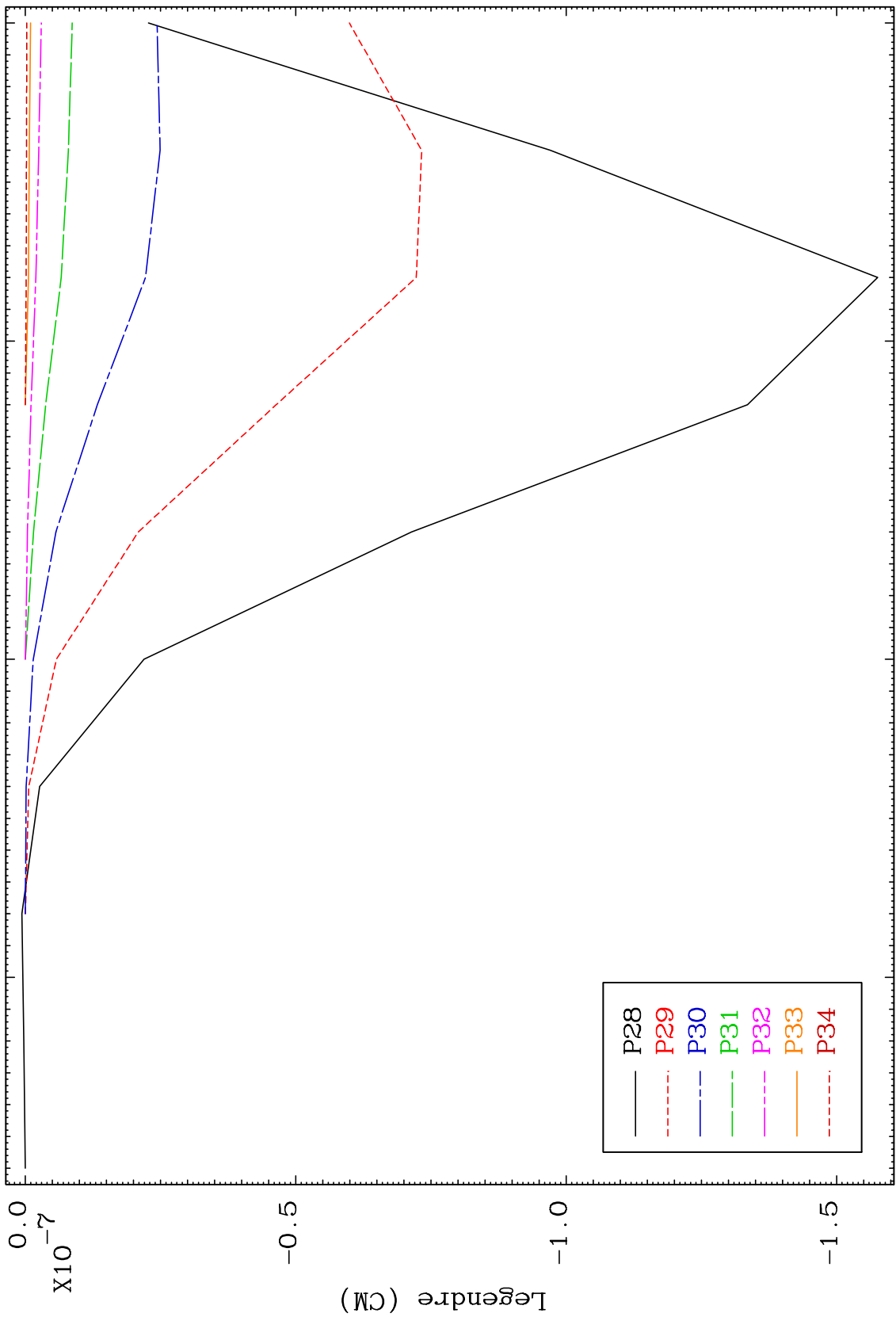
40-Zr-98



MAT 4049

40-Zr-98

Elastic Legendre Coefficients

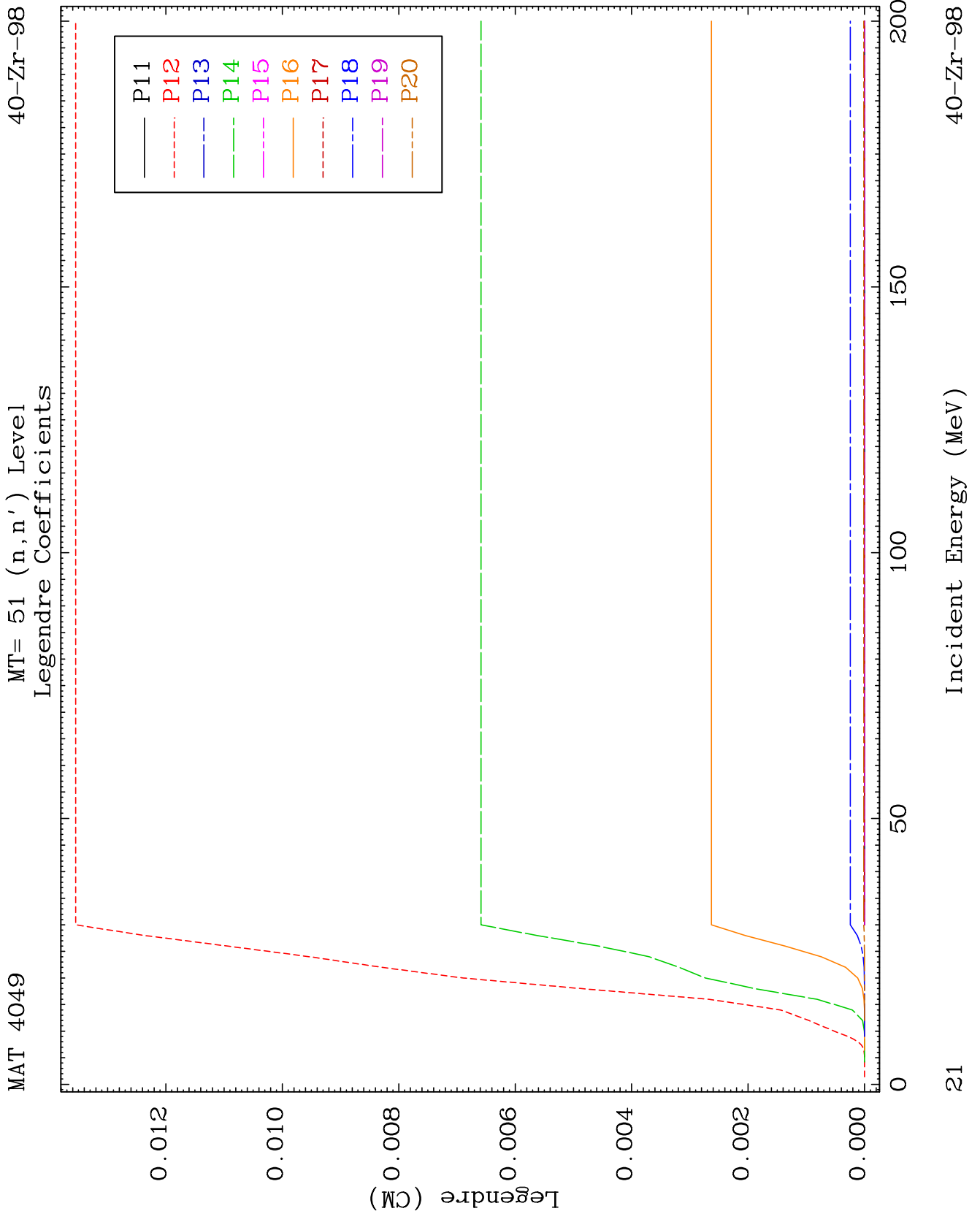


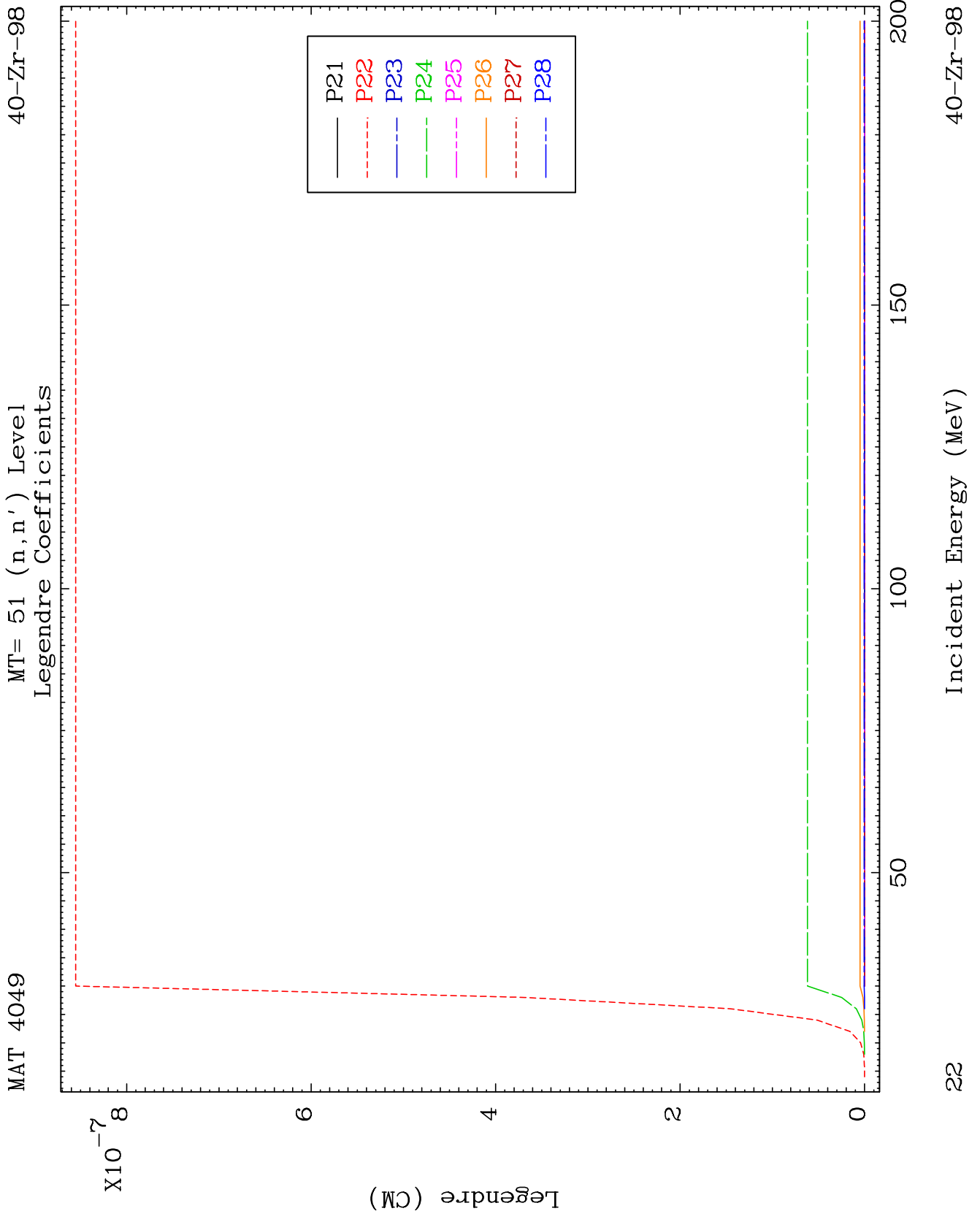
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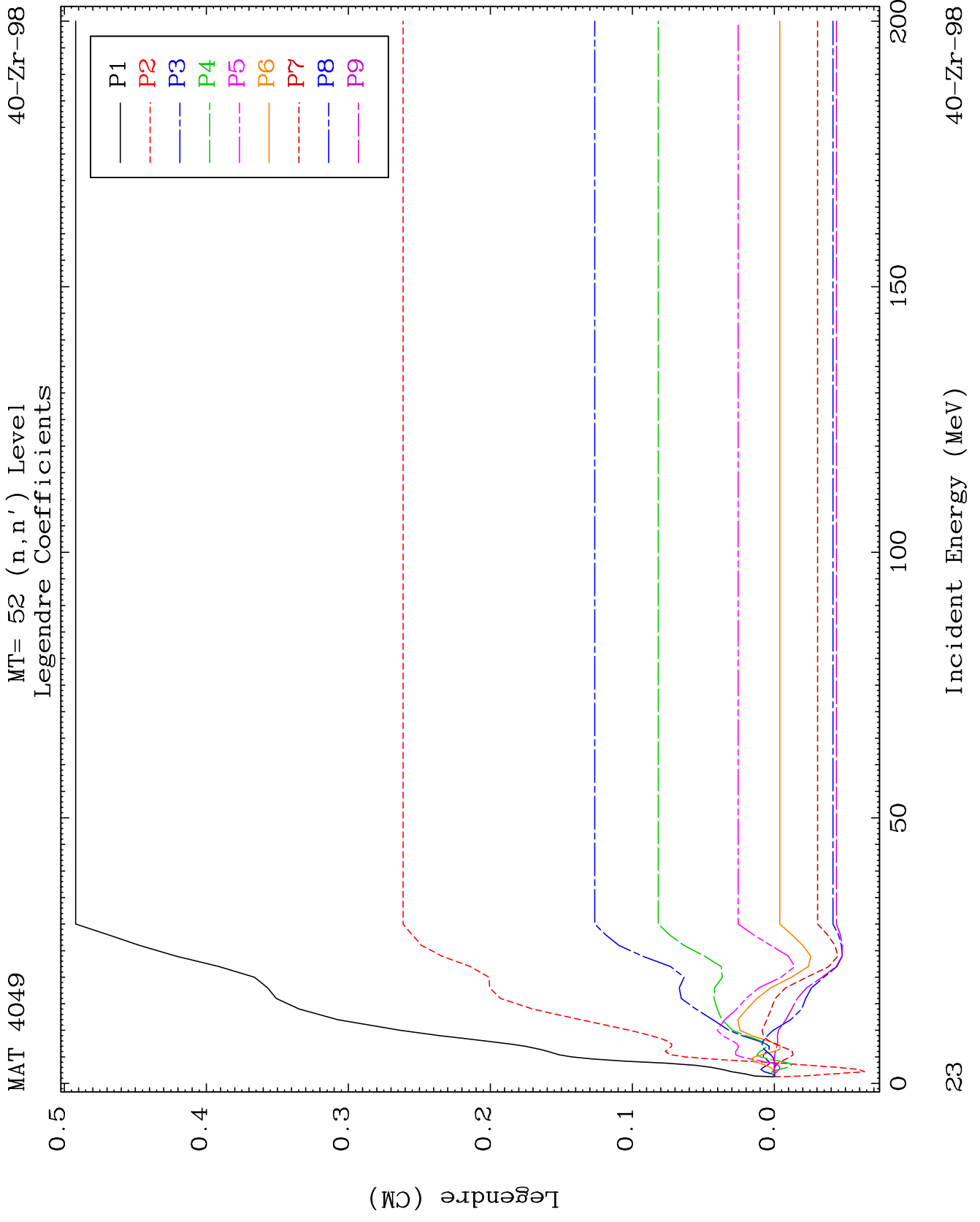
Incident Energy (MeV)

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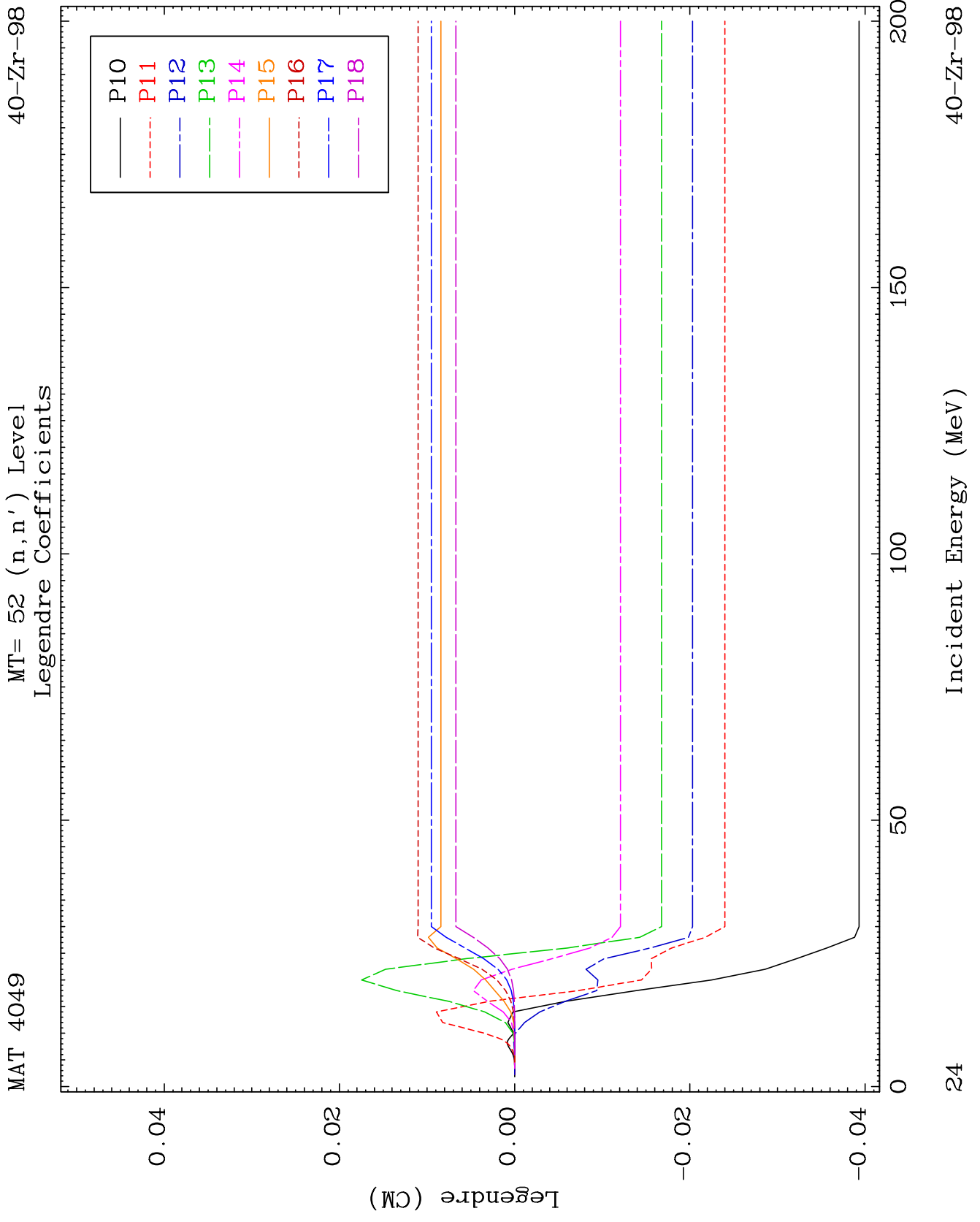


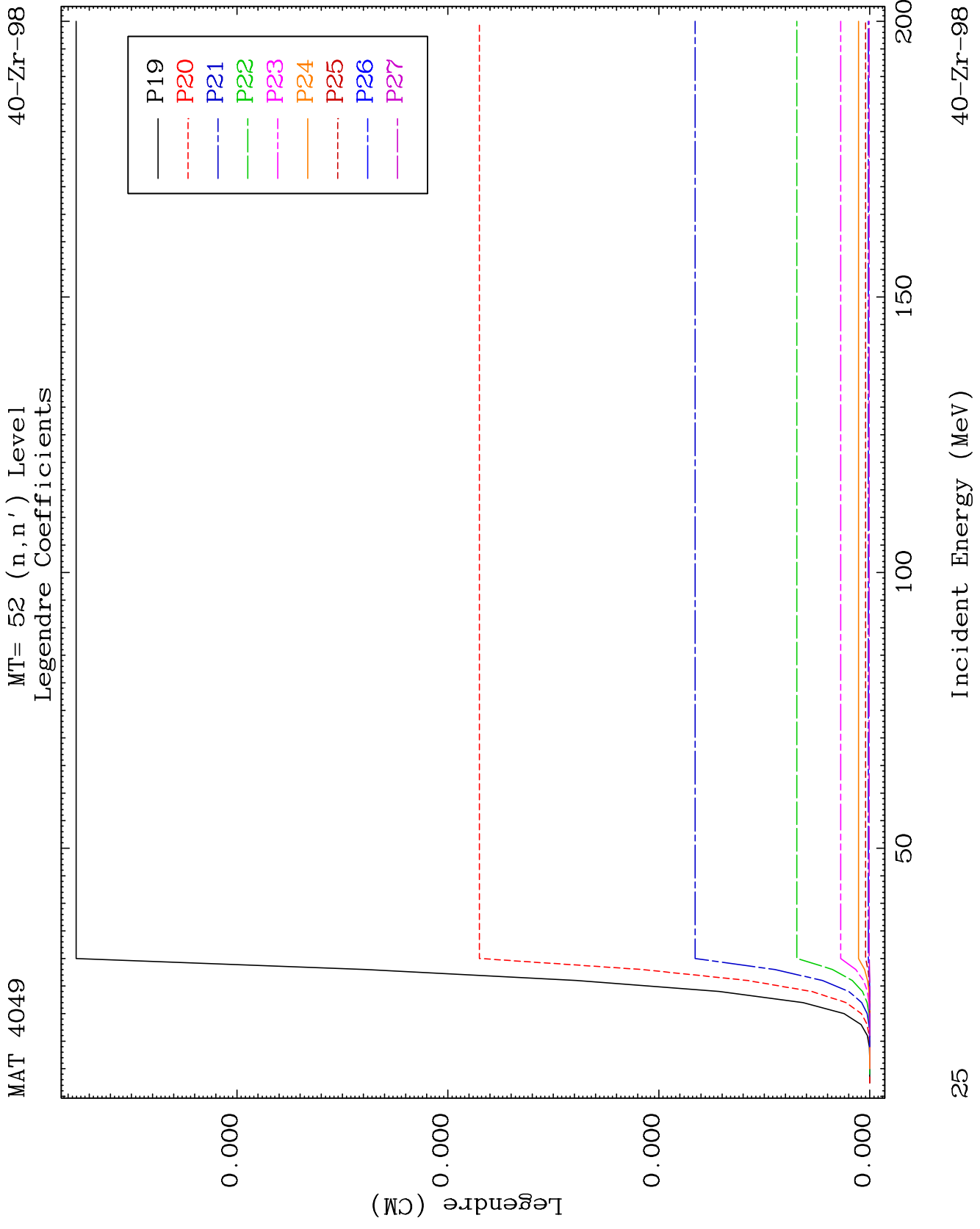








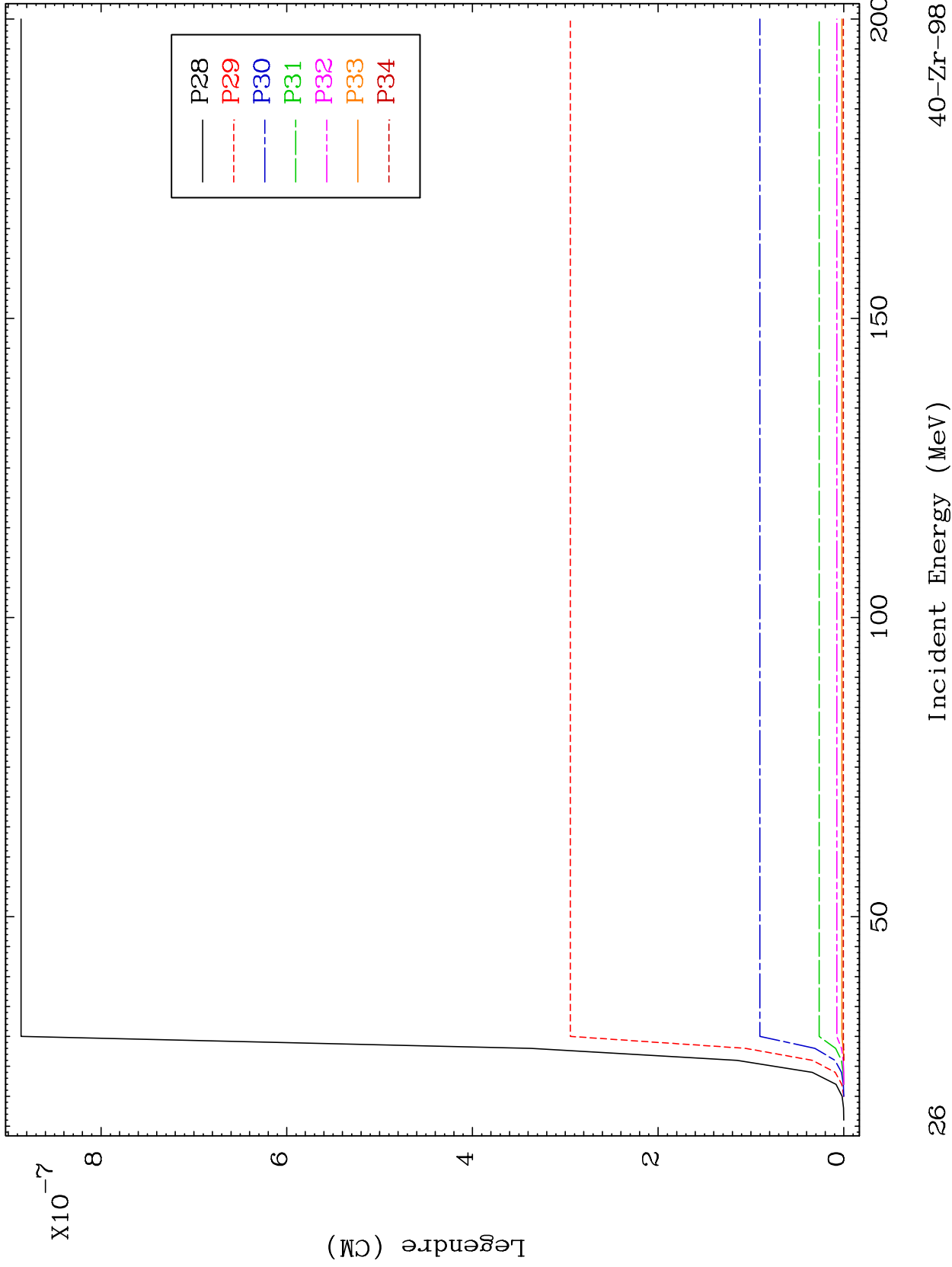




MAT 4049

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

40-Zr-98



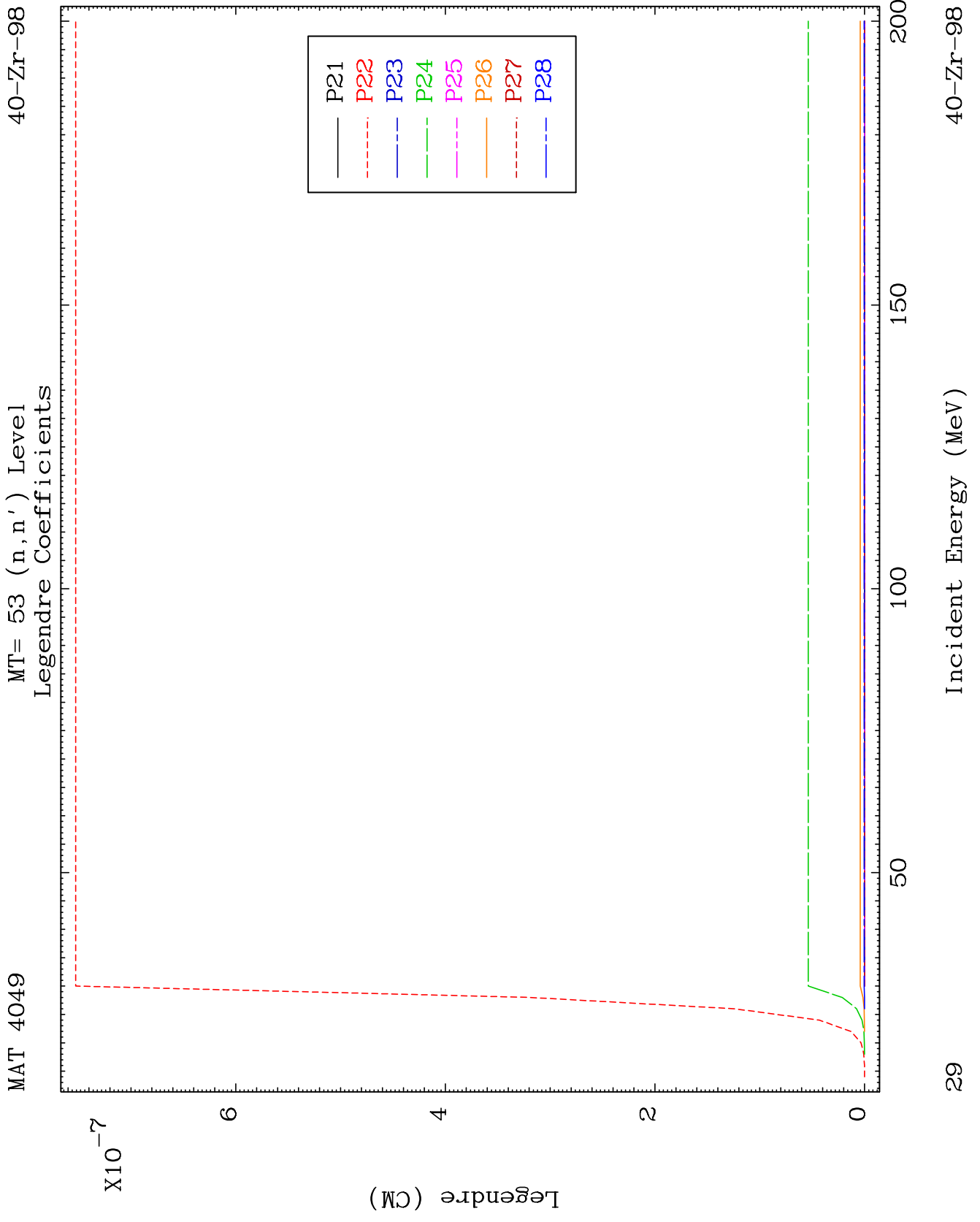
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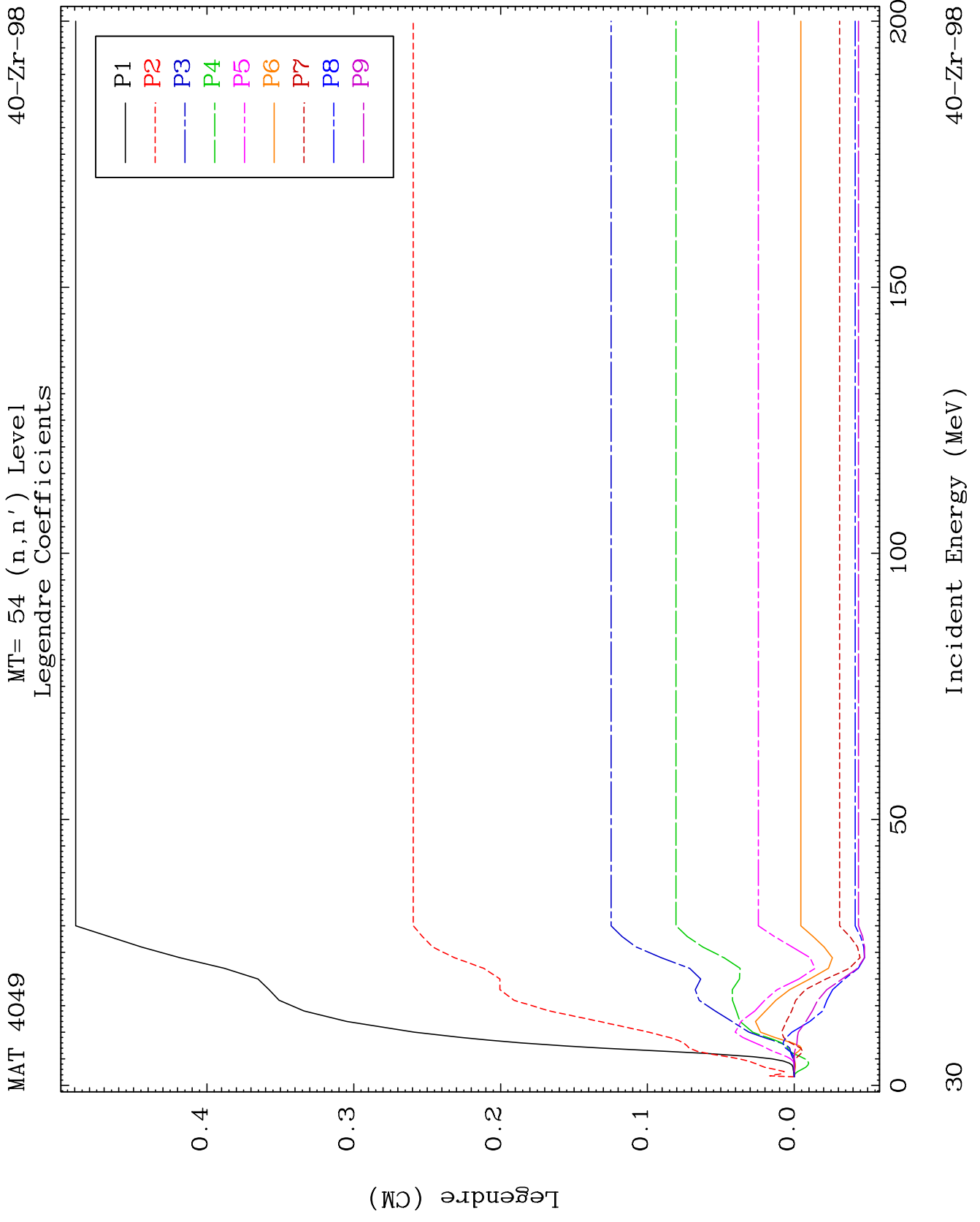
Incident Energy (MeV)

40-Zr-98





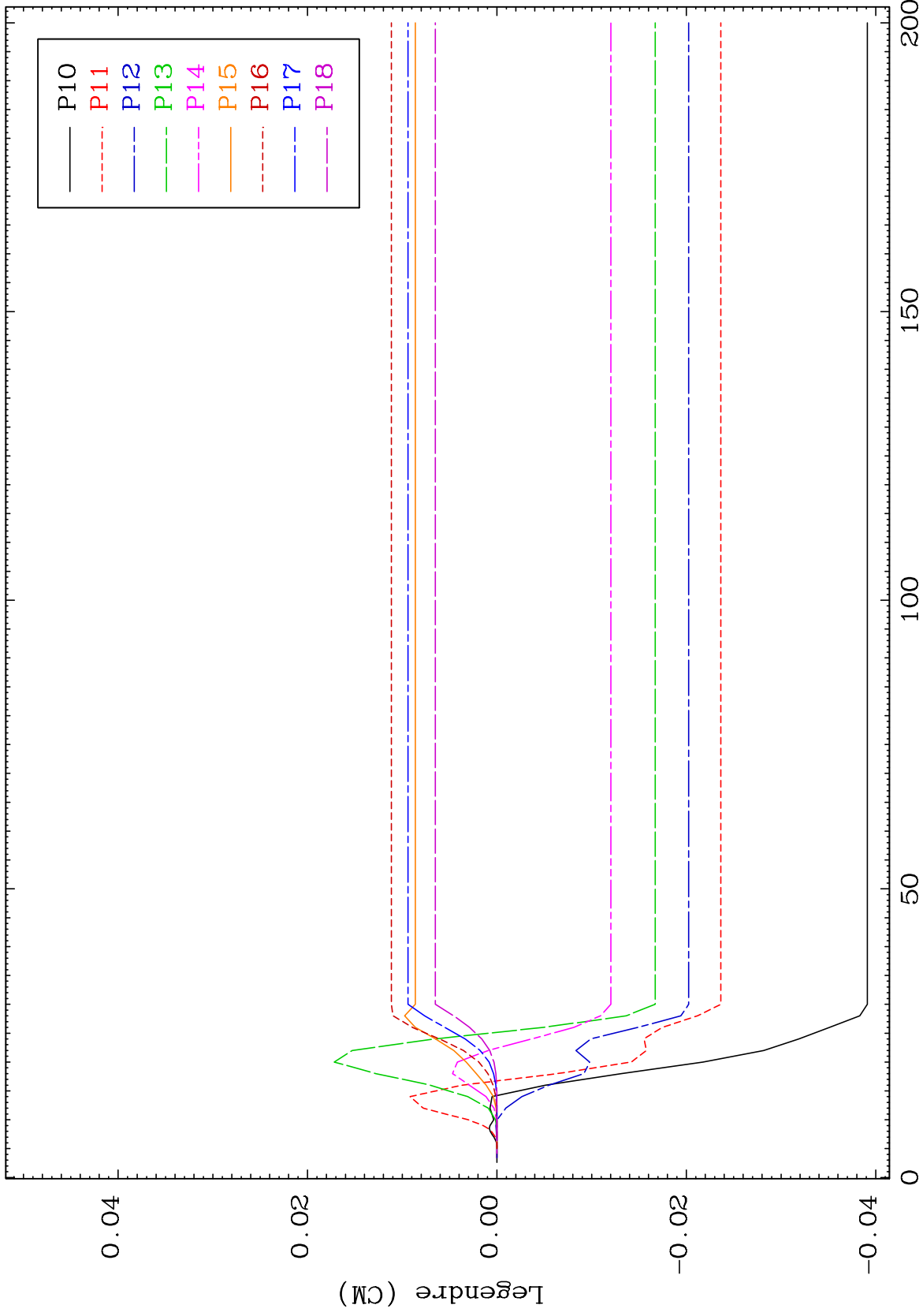




MAT 4049

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

40-Zr-98

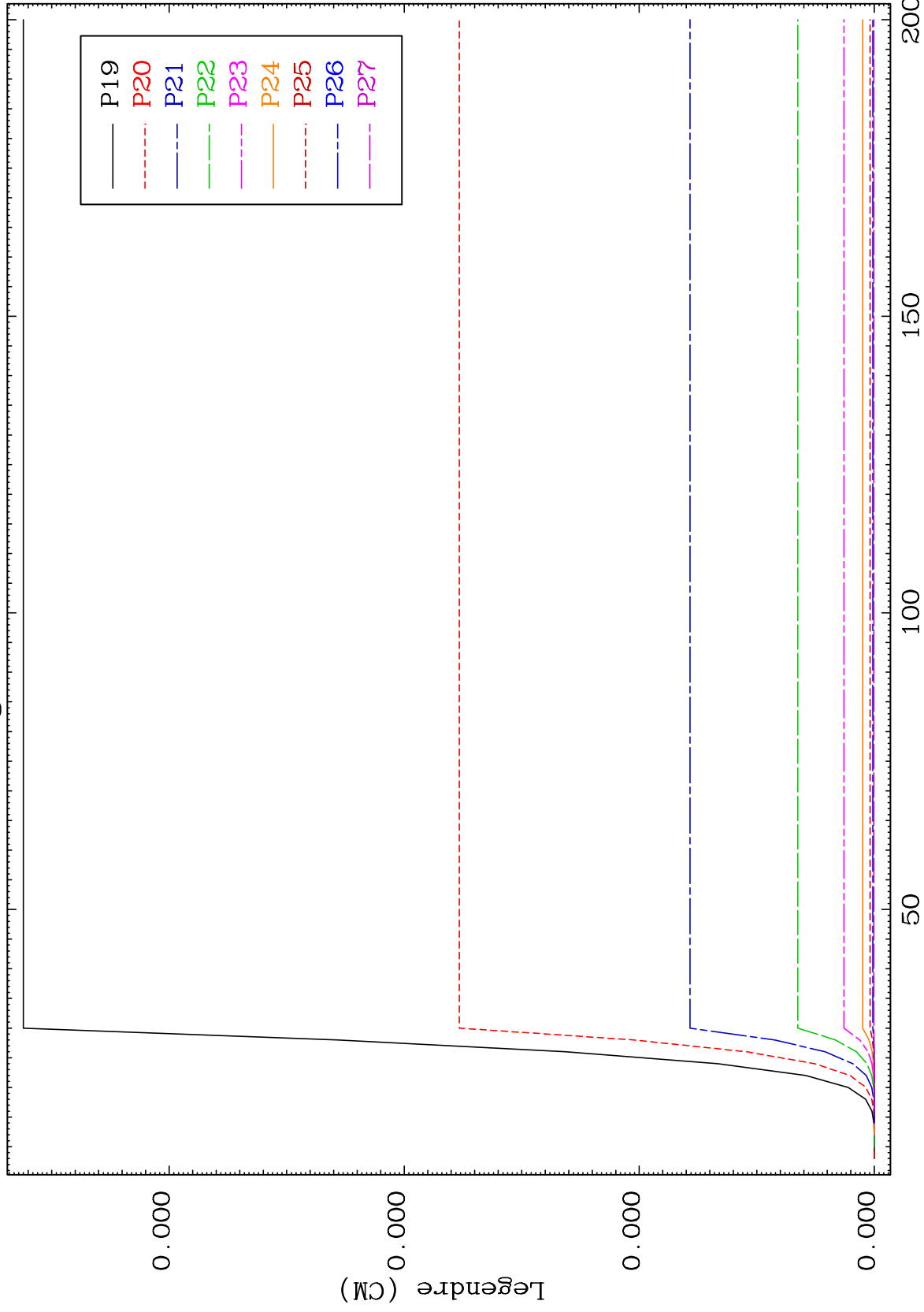




MAT 4049

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

40-Zr-98



32

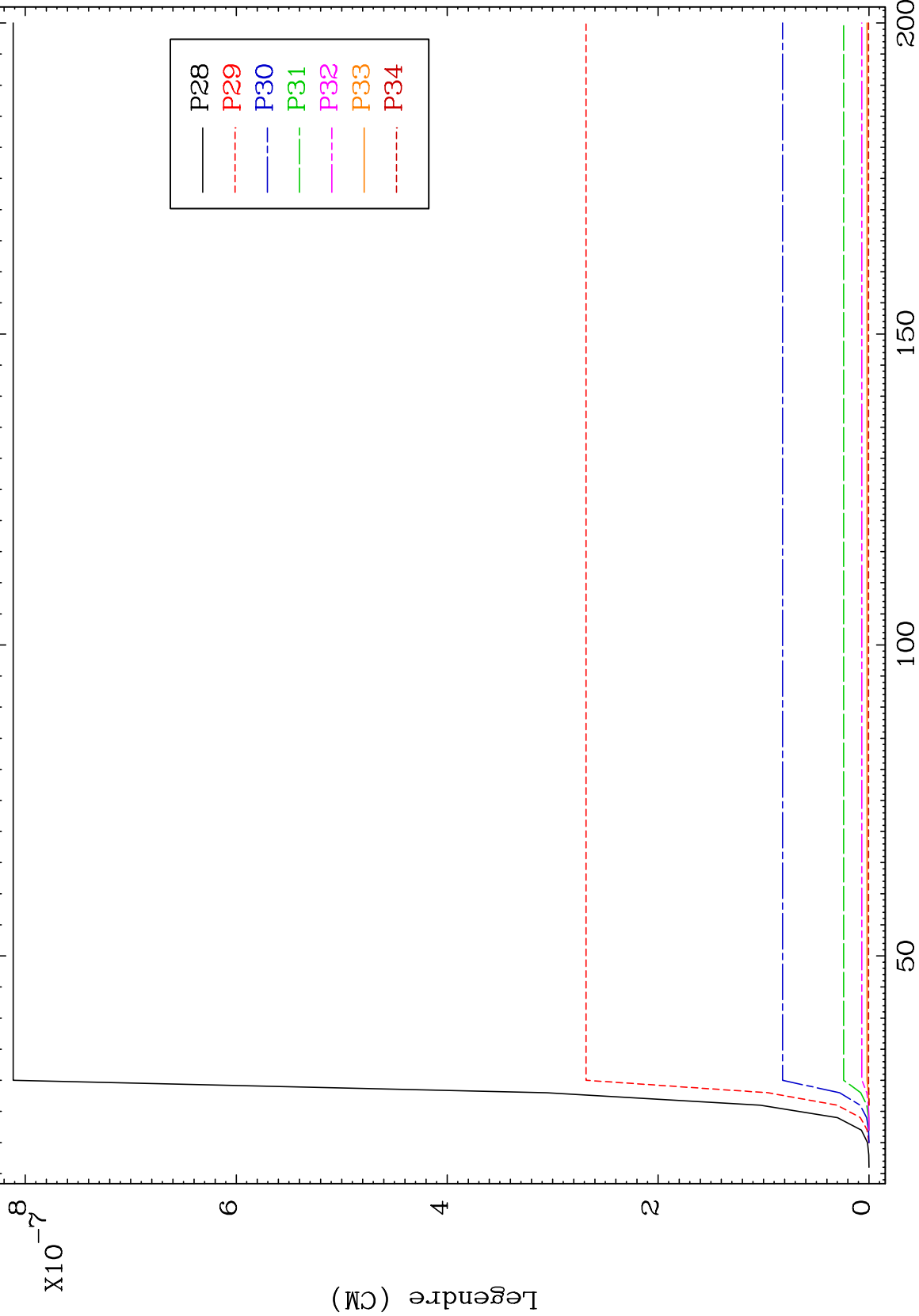
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

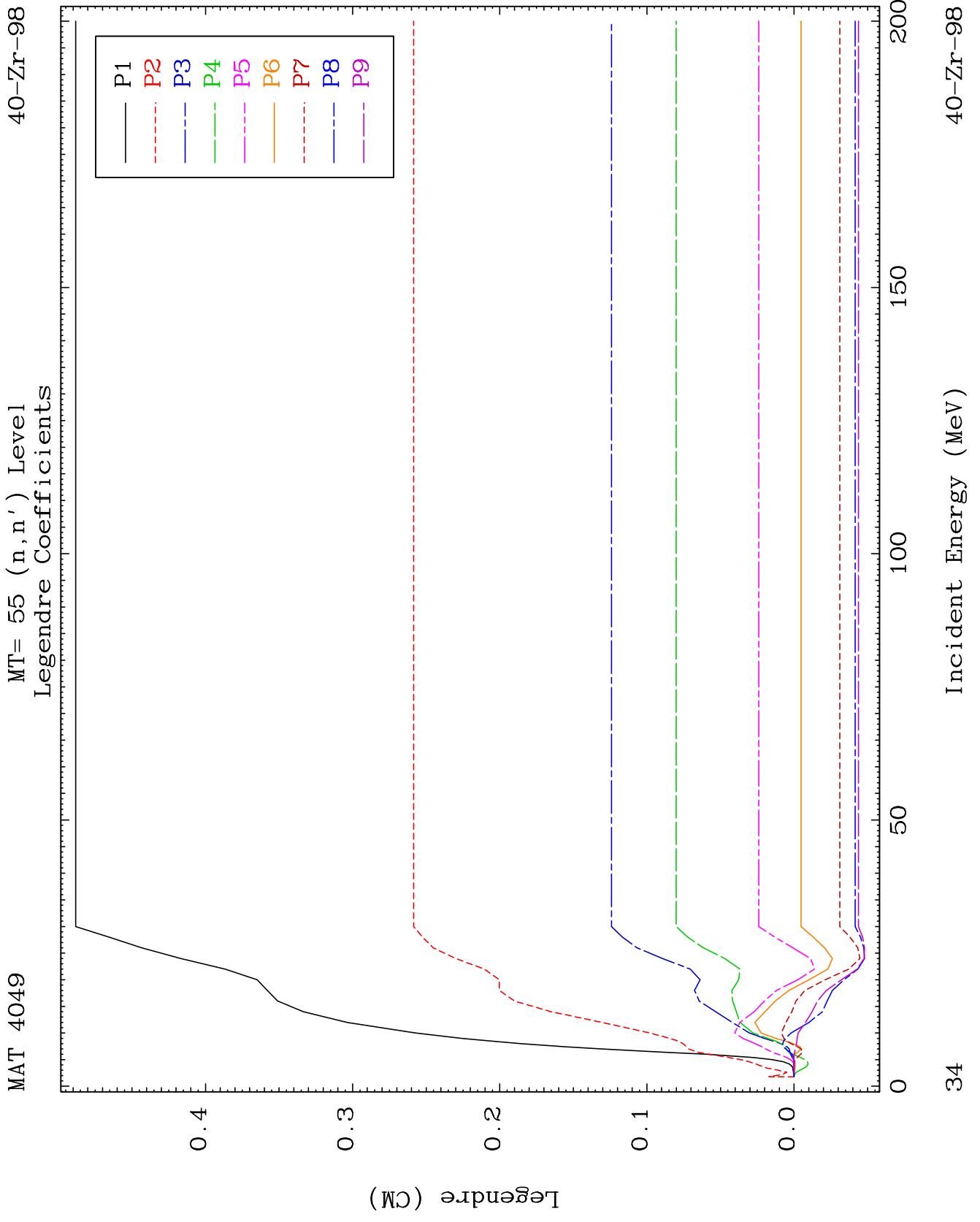
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33

Incident Energy (MeV)

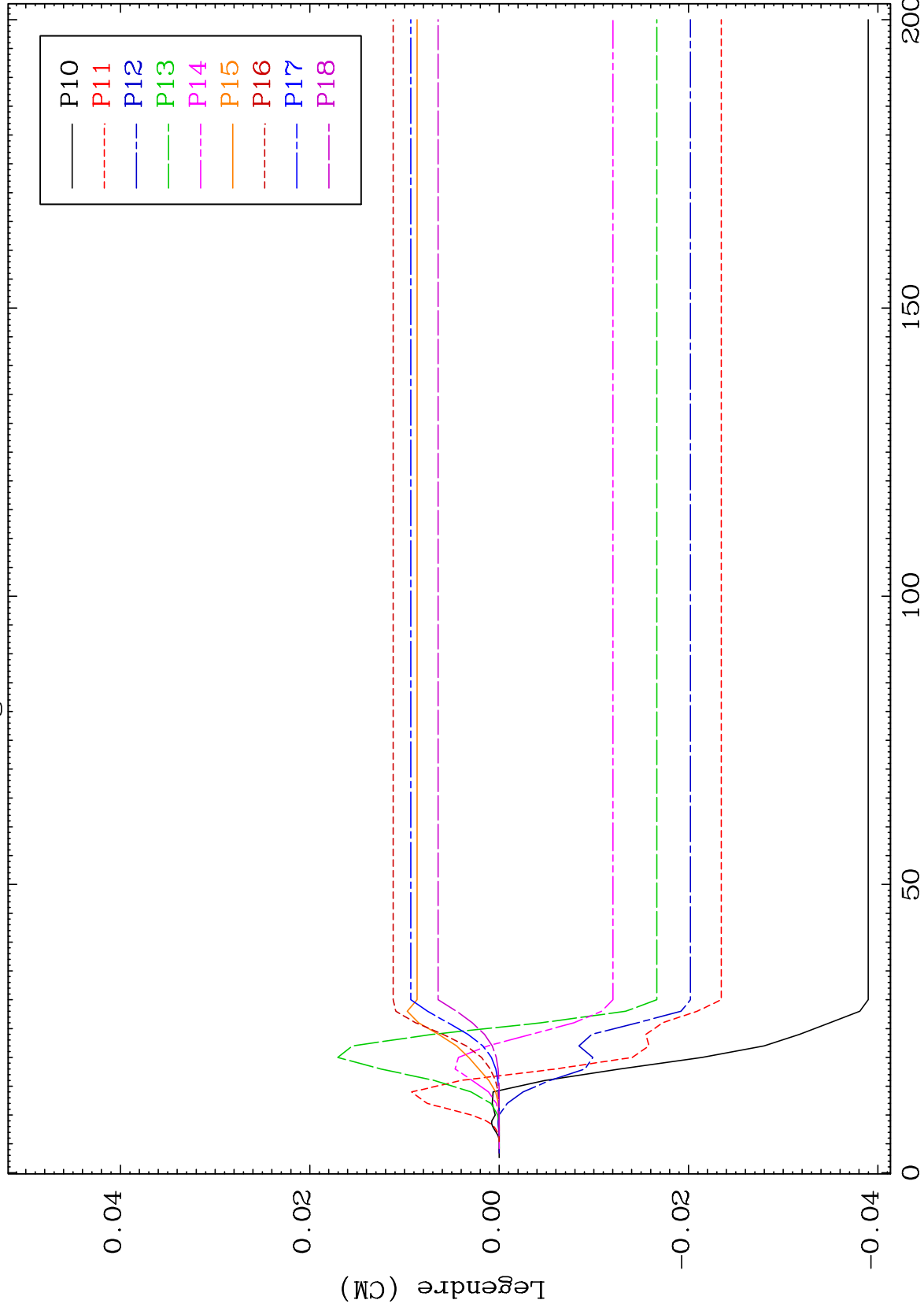
40-Zr-98



MAT 4049

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

40-Zr-98



35

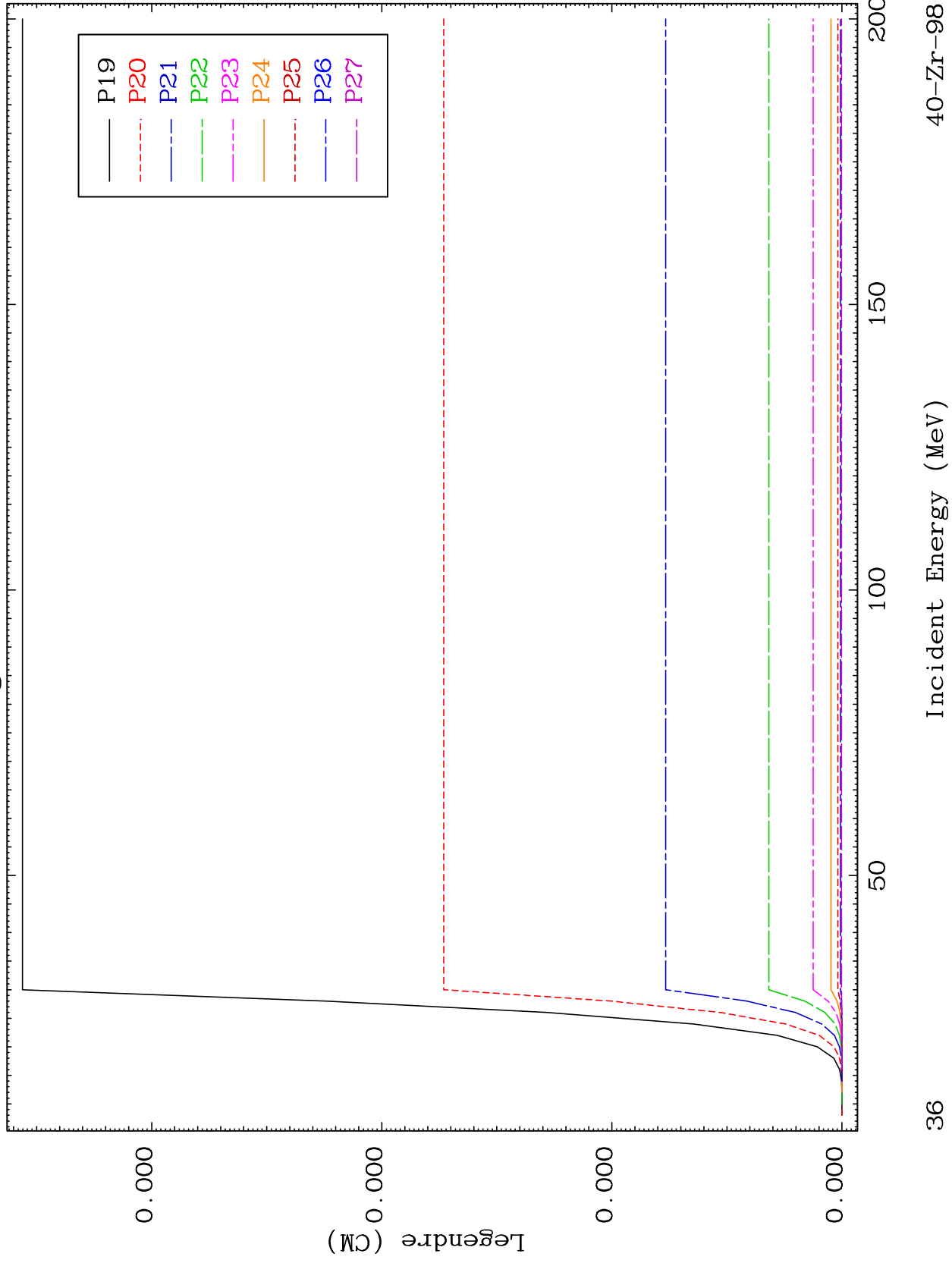
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

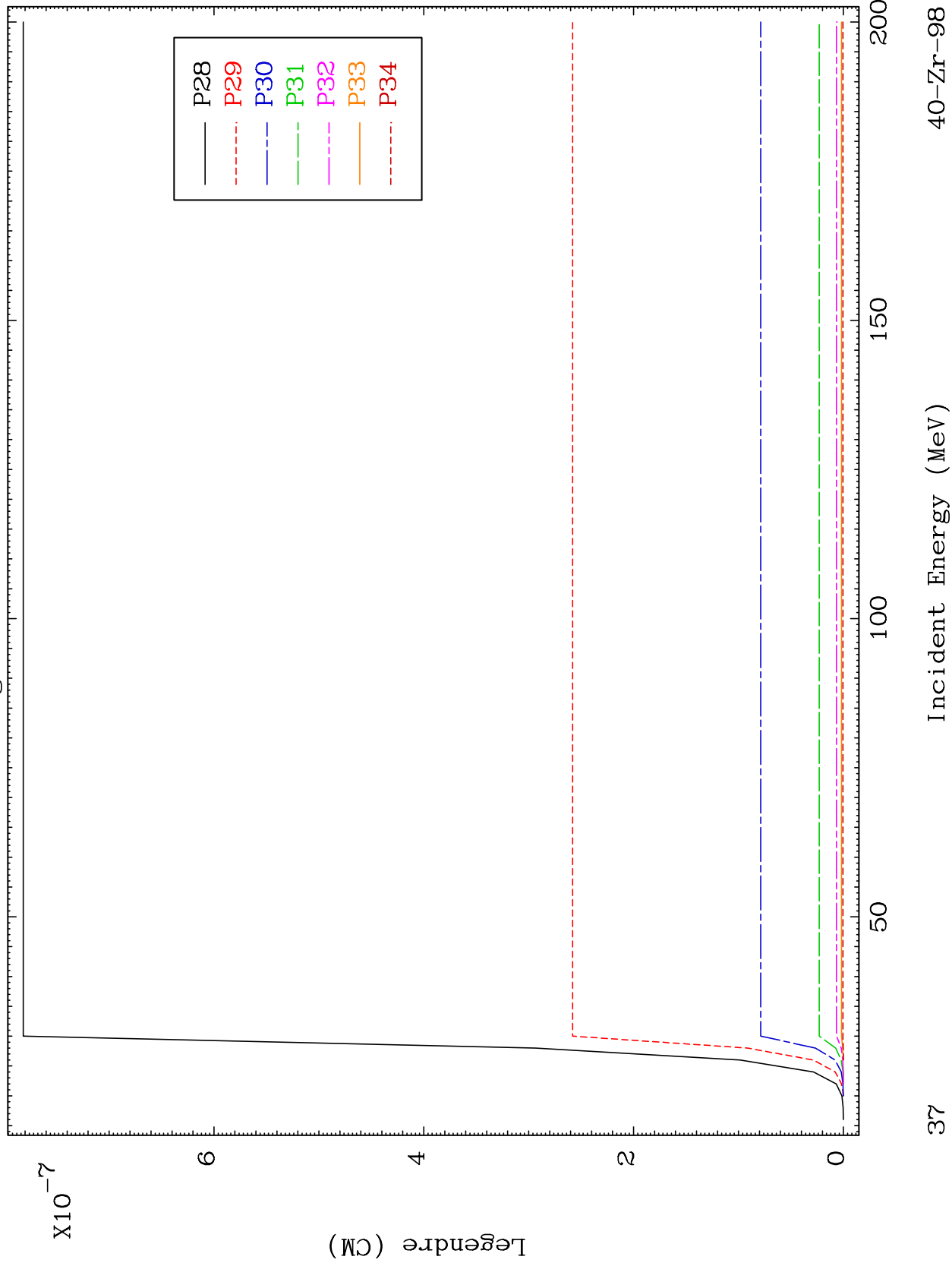
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MAT 4049

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

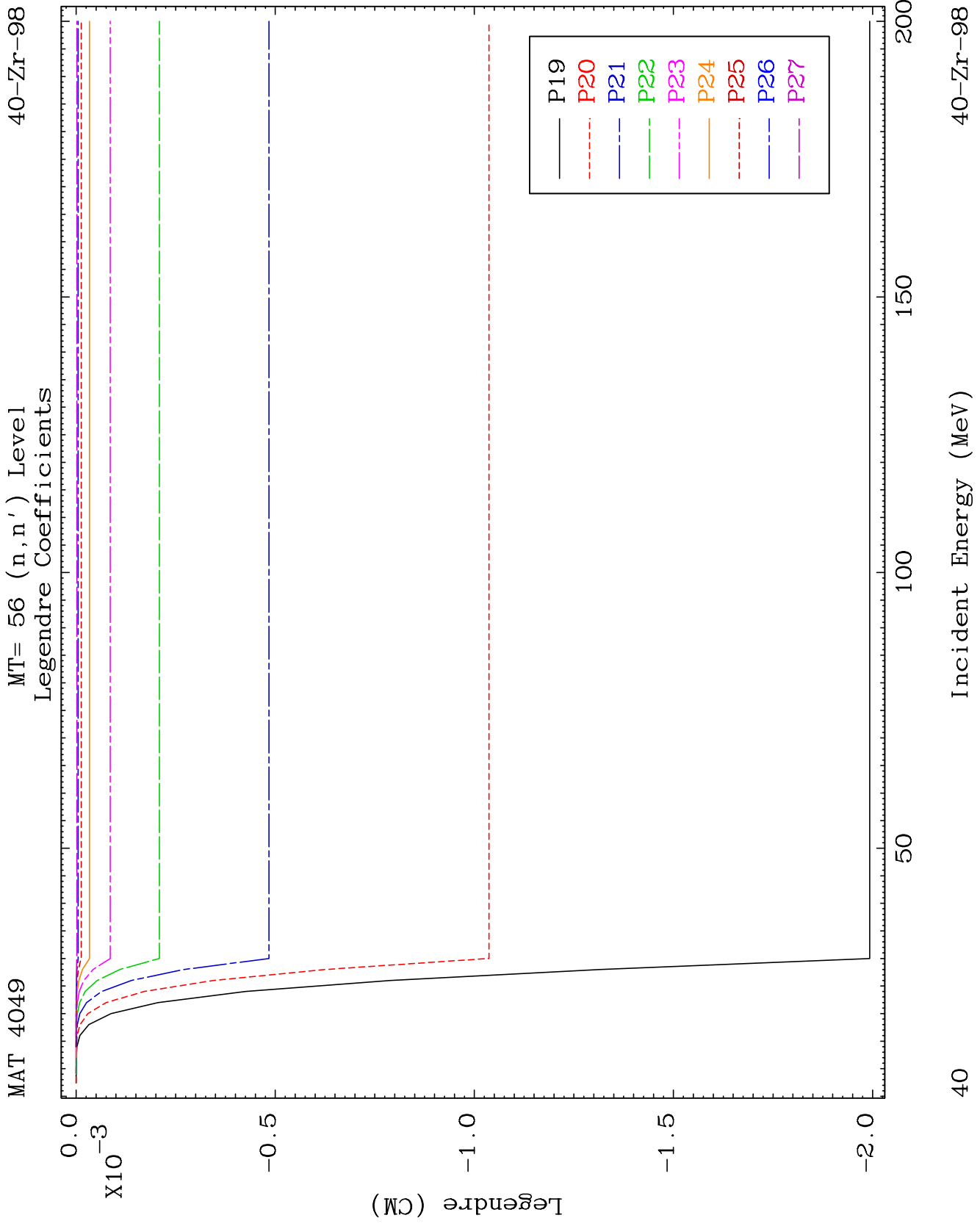
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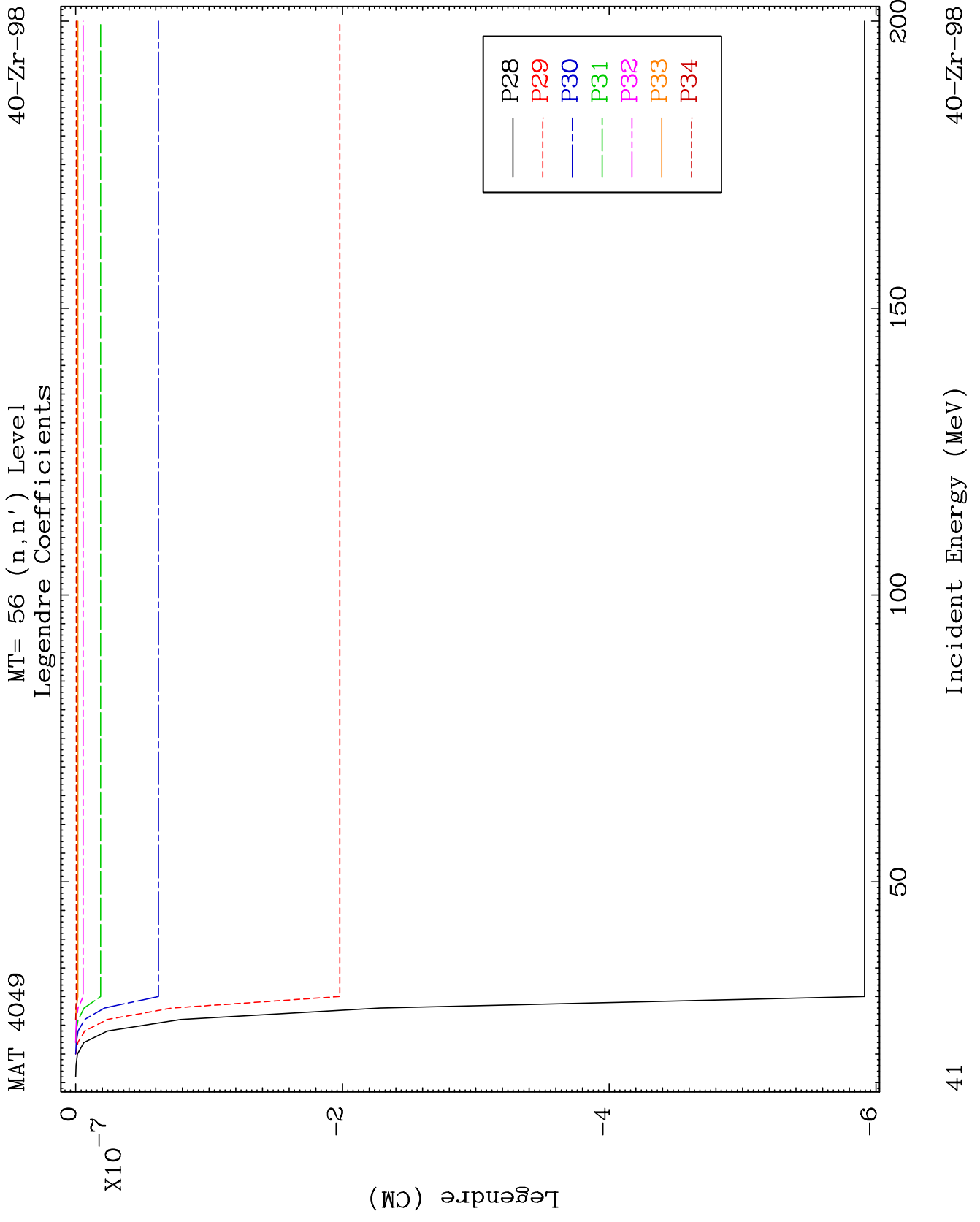








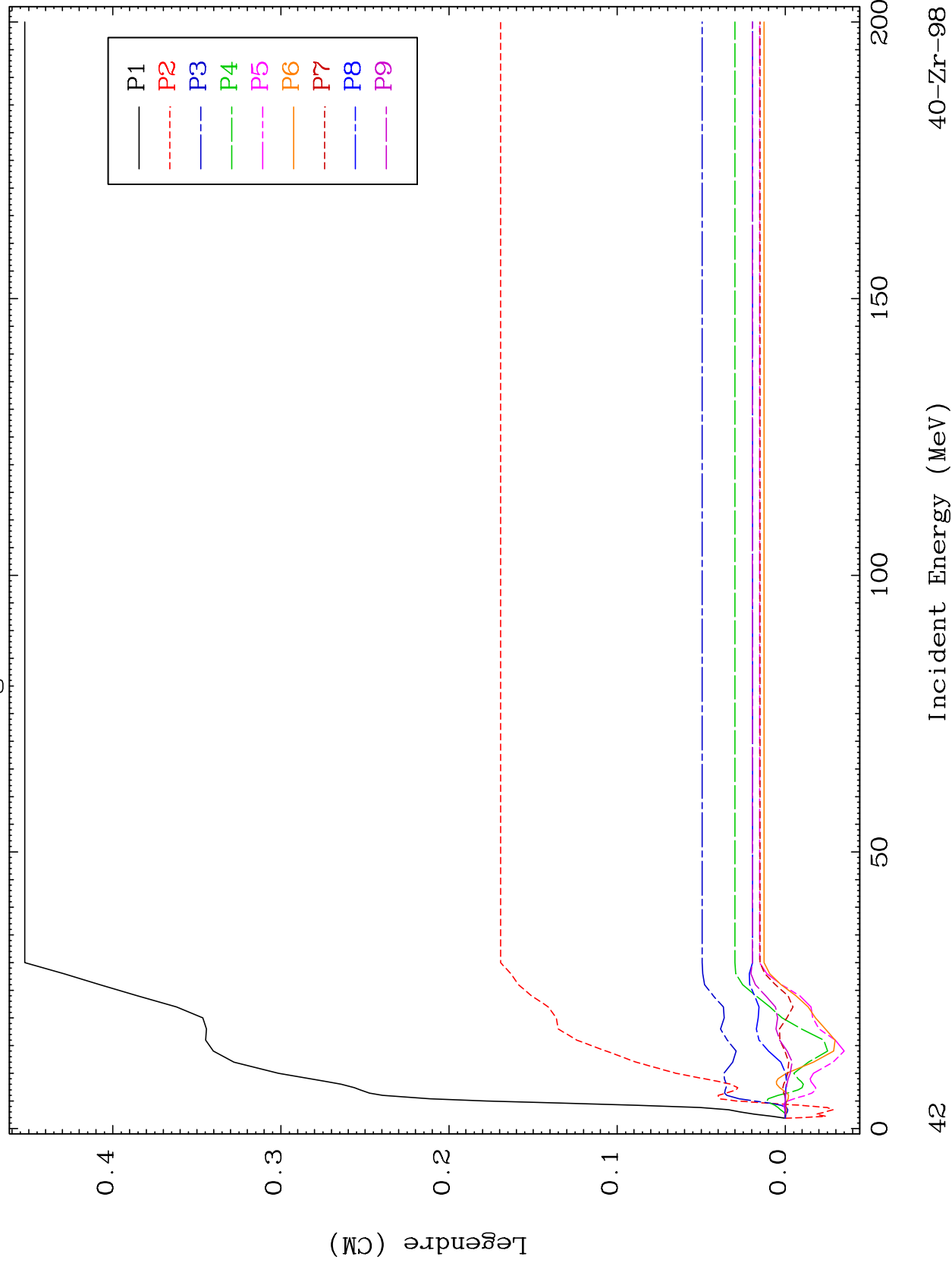




MAT 4049

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

40-Zr-98



42

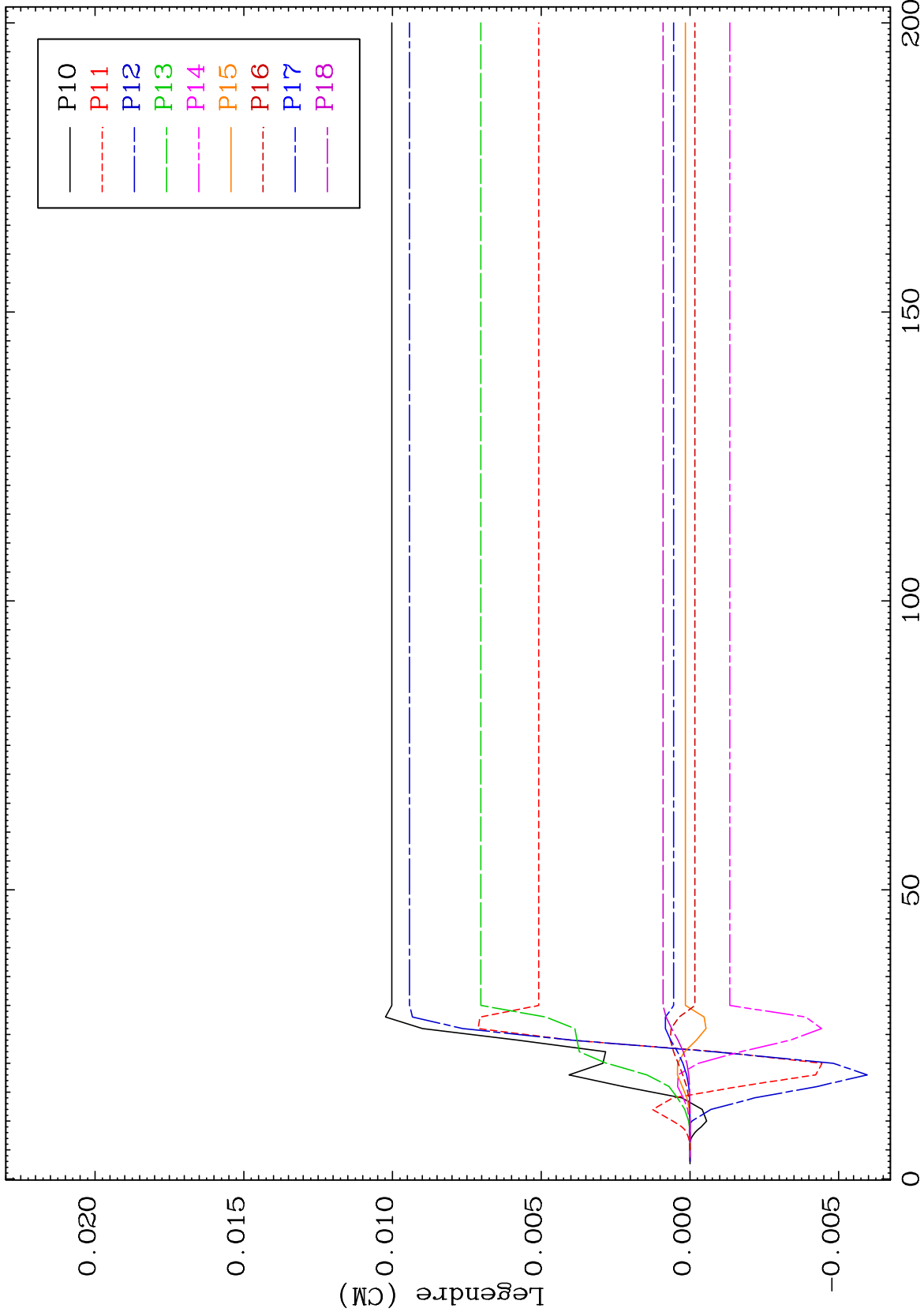
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

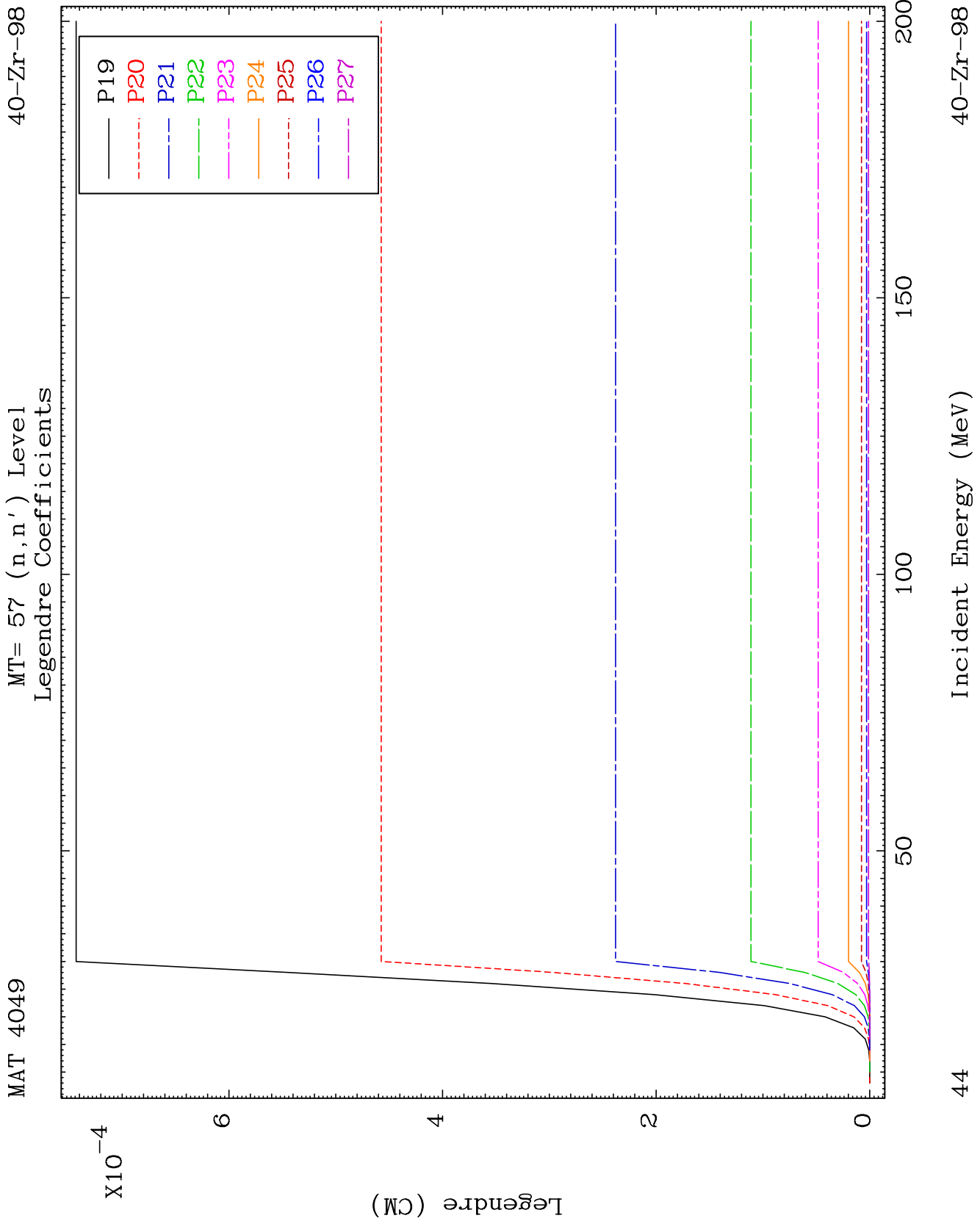
40-Zr-98



43

Incident Energy (MeV)

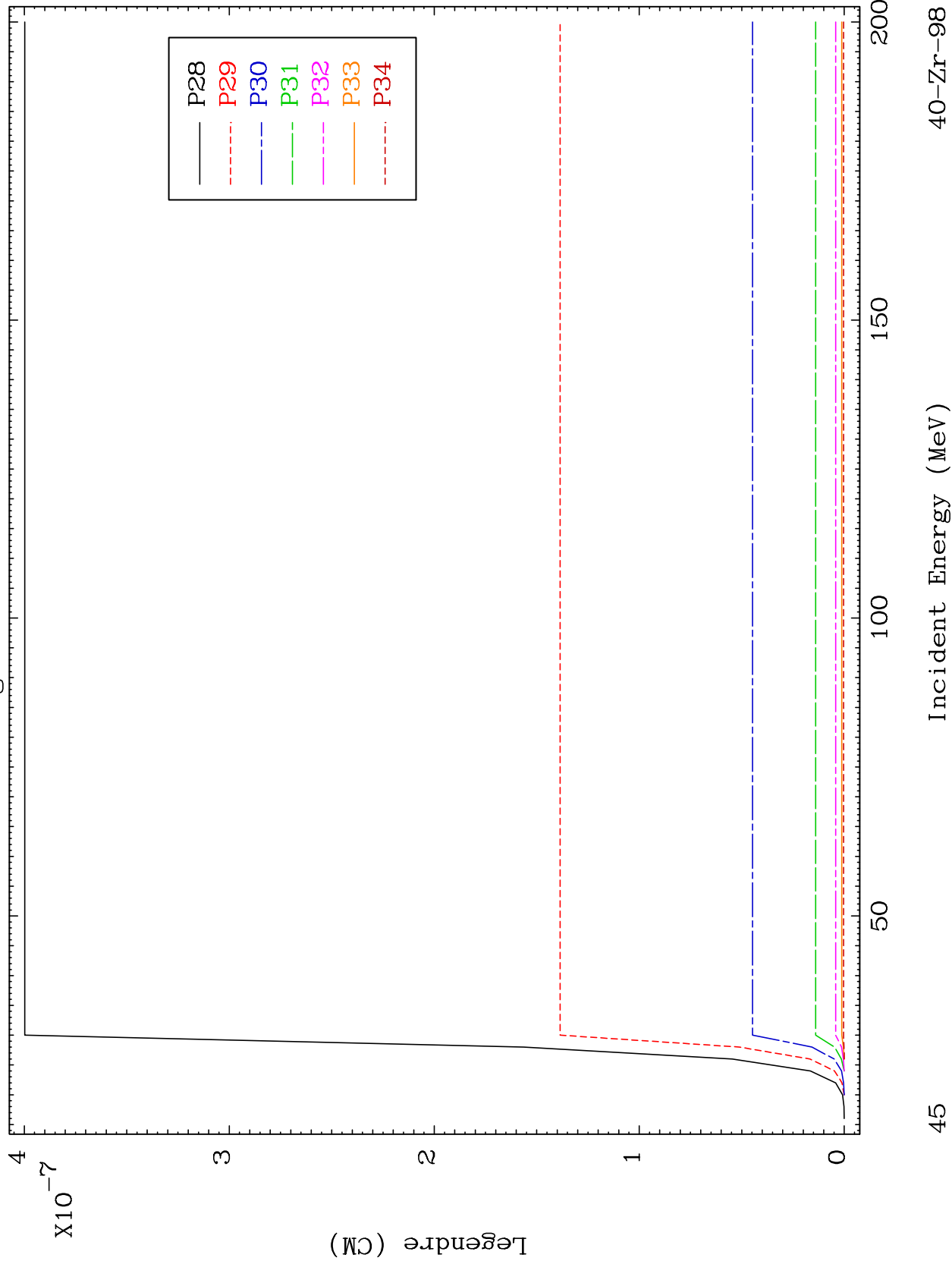
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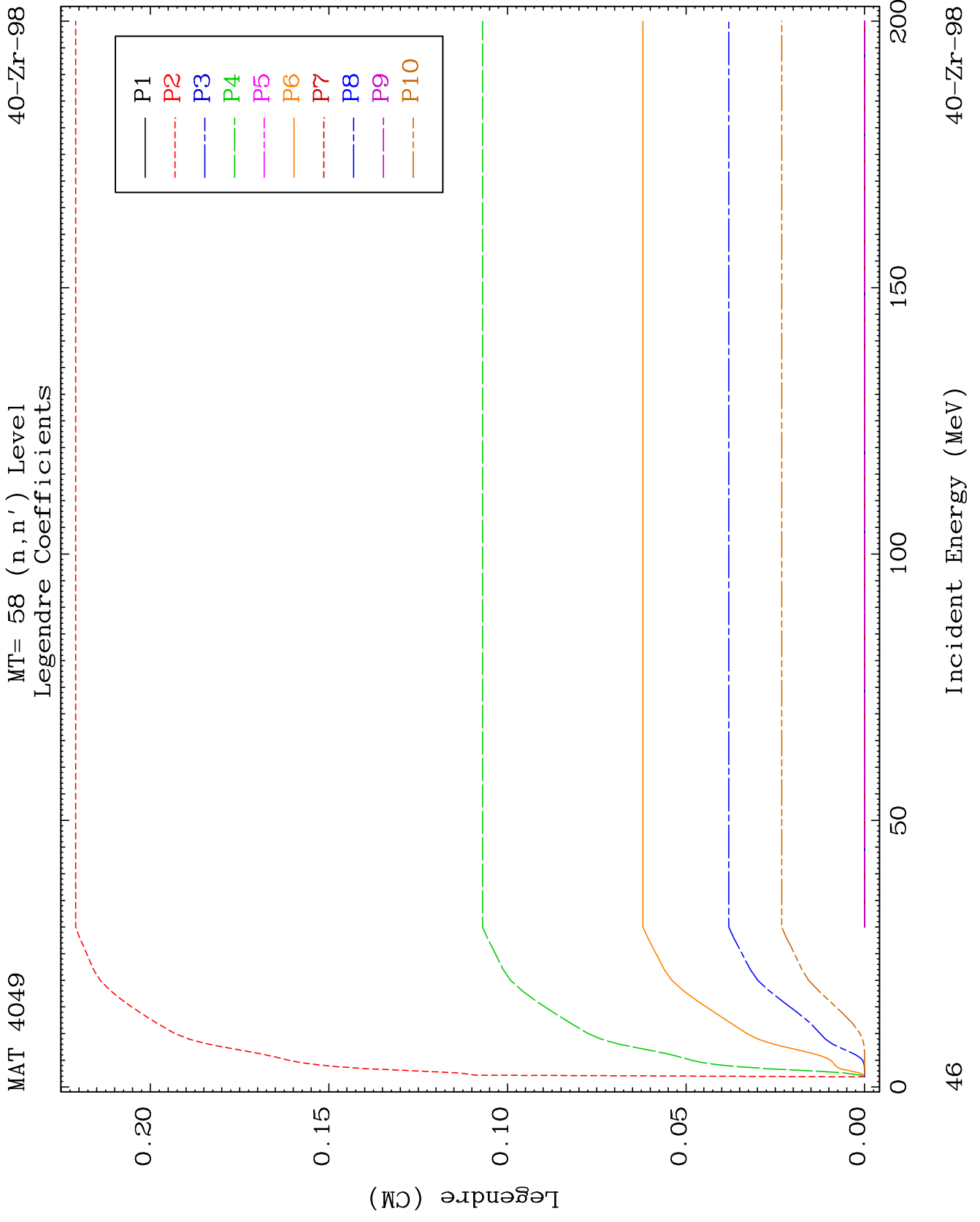


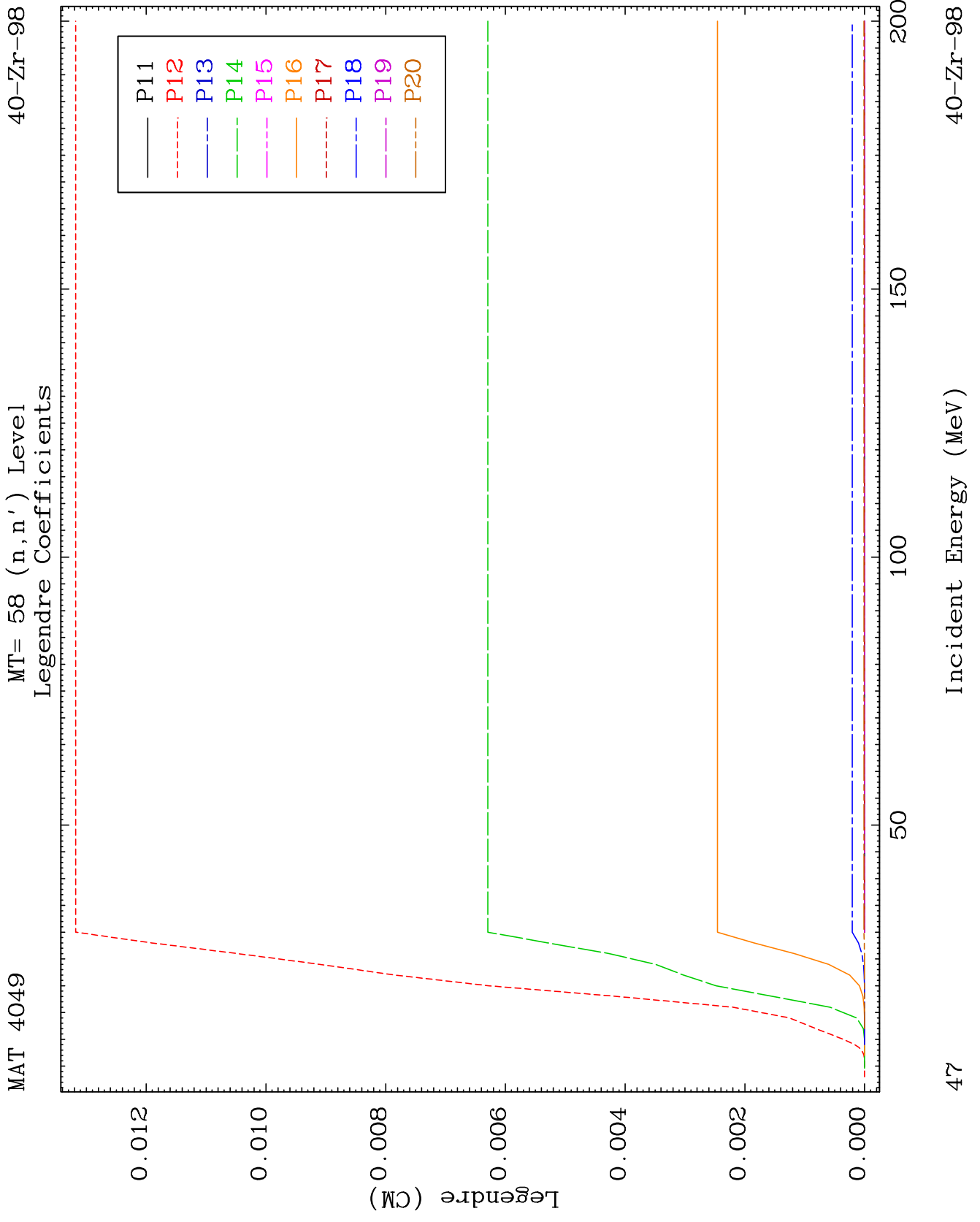
MAT 4049

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

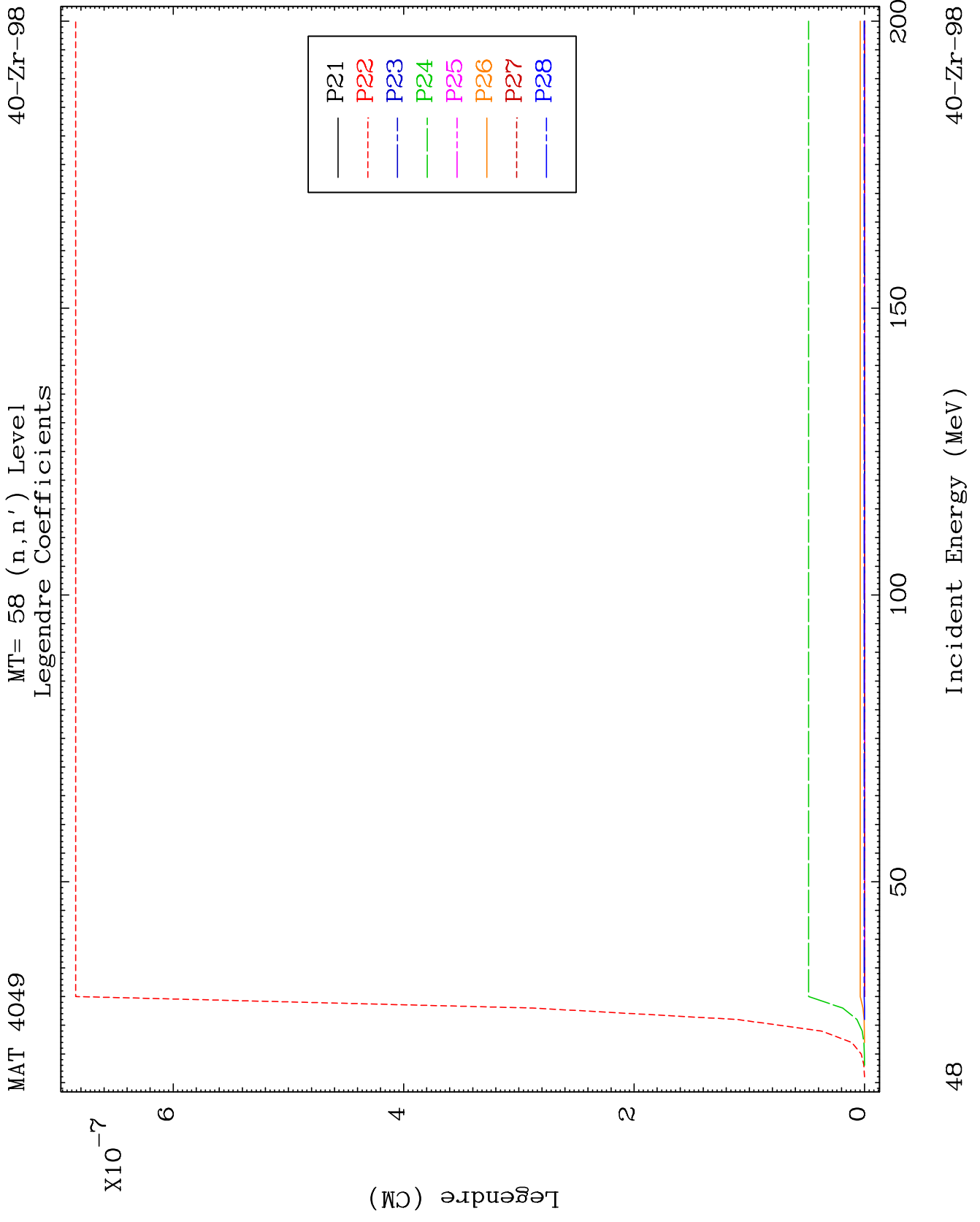
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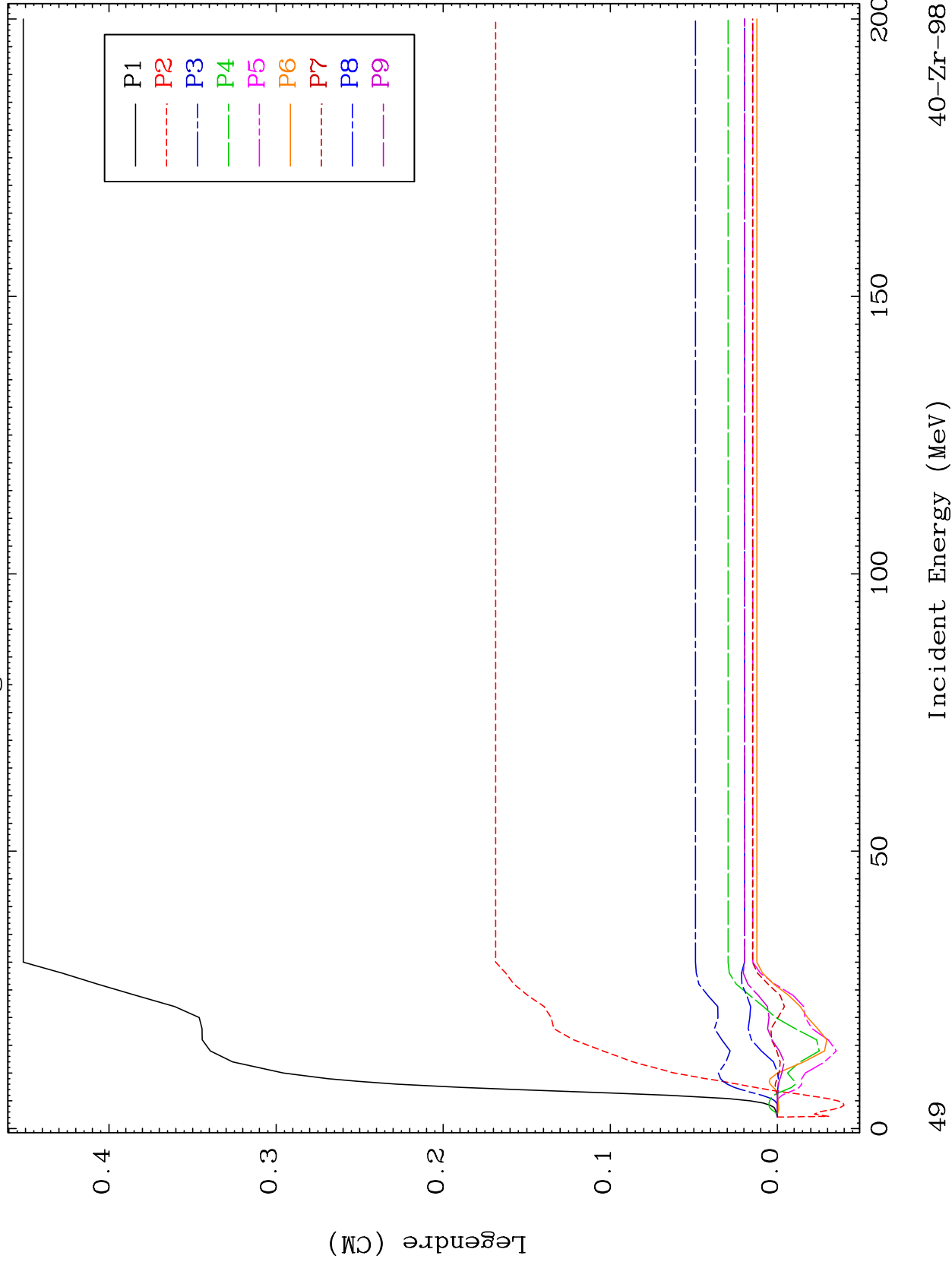




MAT 4049

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

40-Zr-98



40-Zr-98

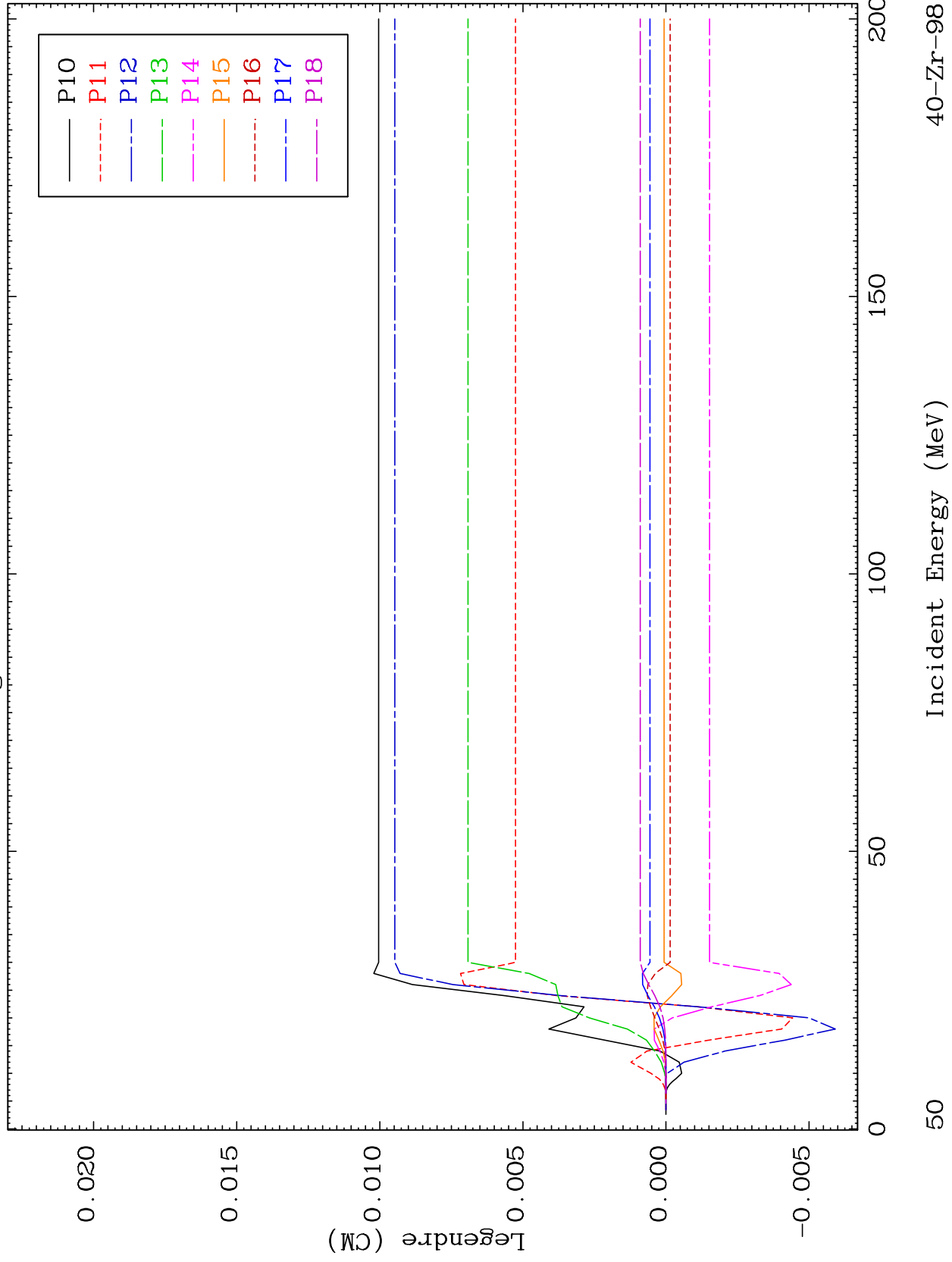
Incident Energy (MeV)

49

MAT 4049

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

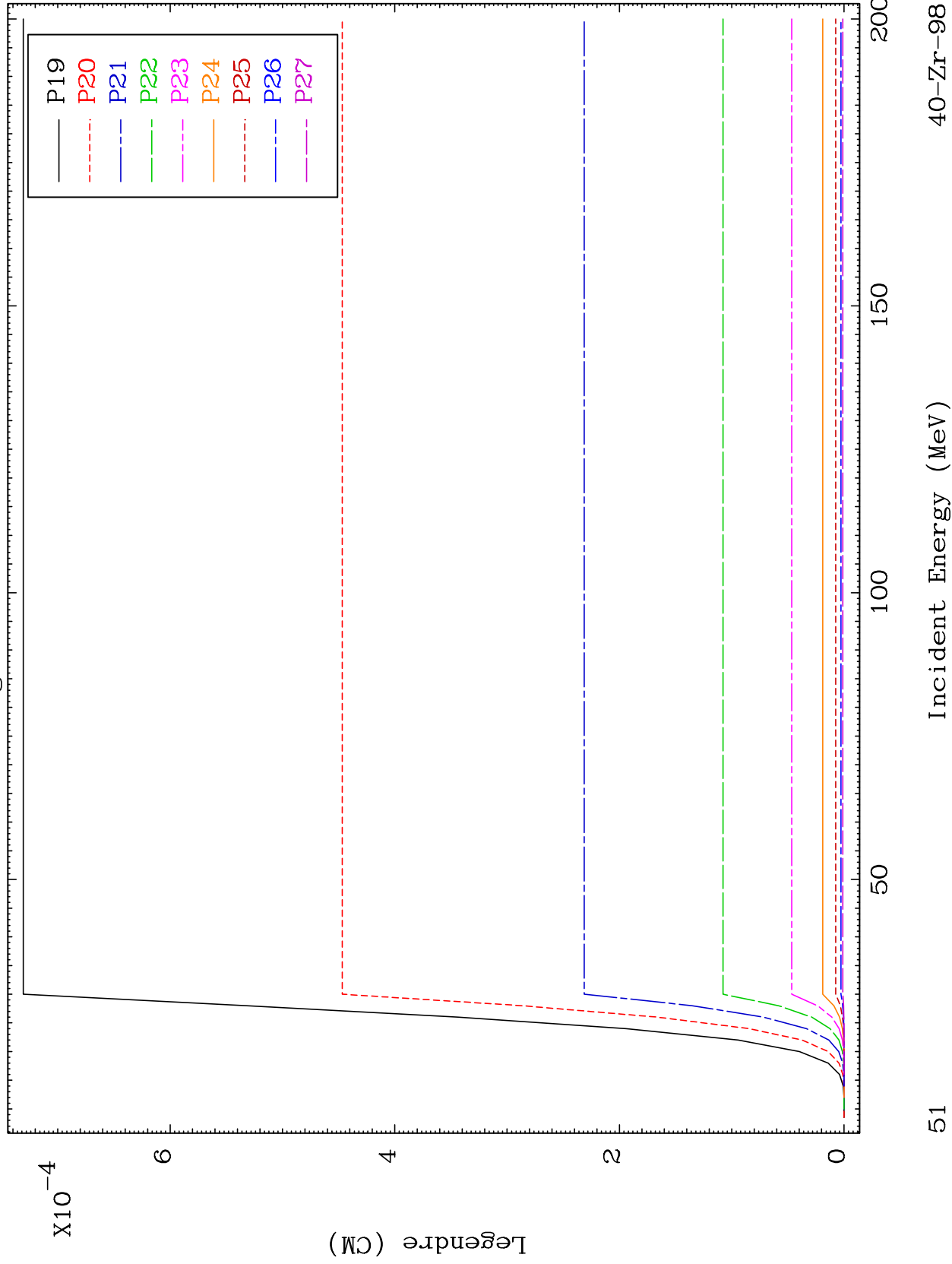
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MAT 4049

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

40-Zr-98



51

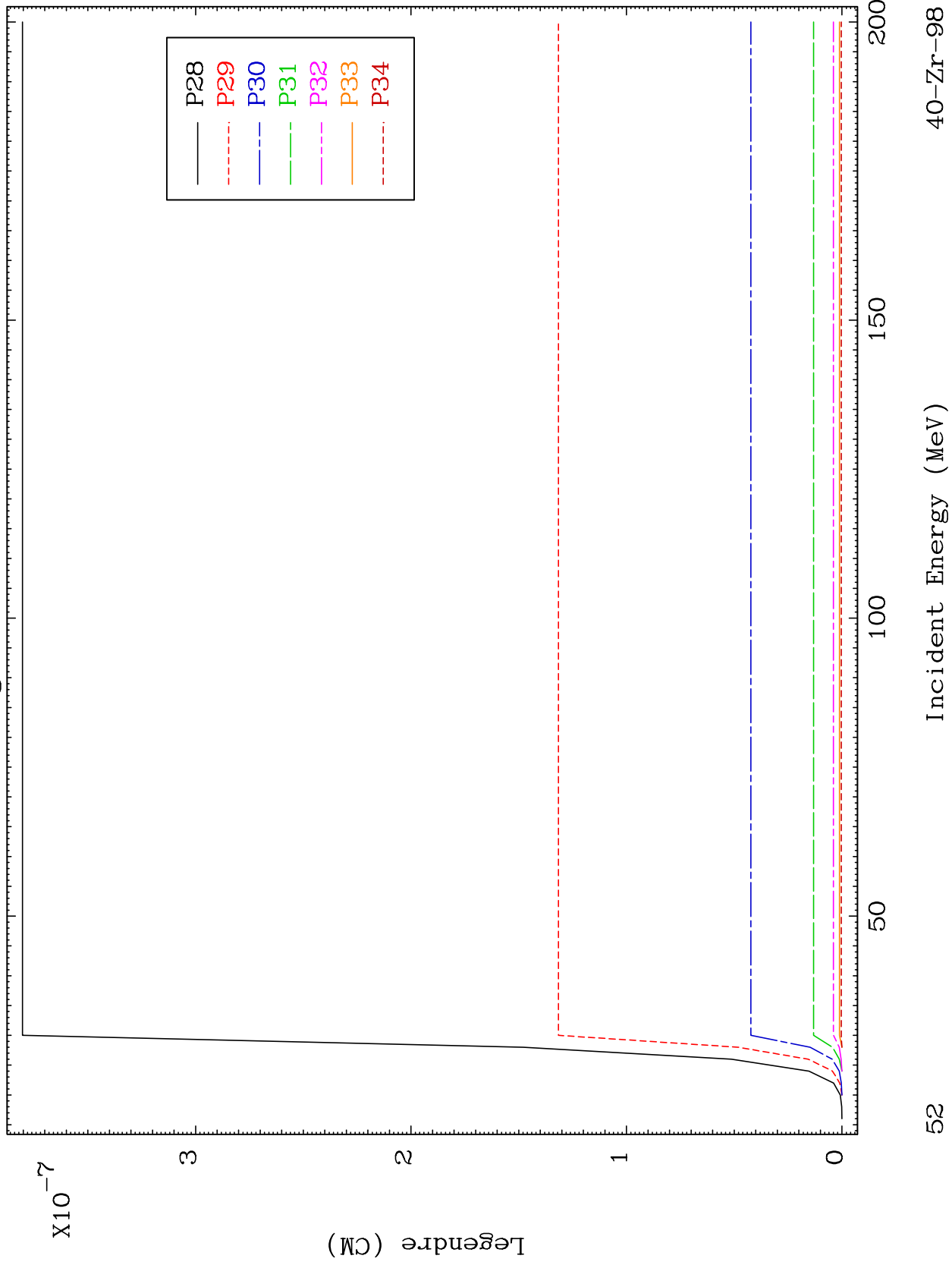
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

40-Zr-98



52

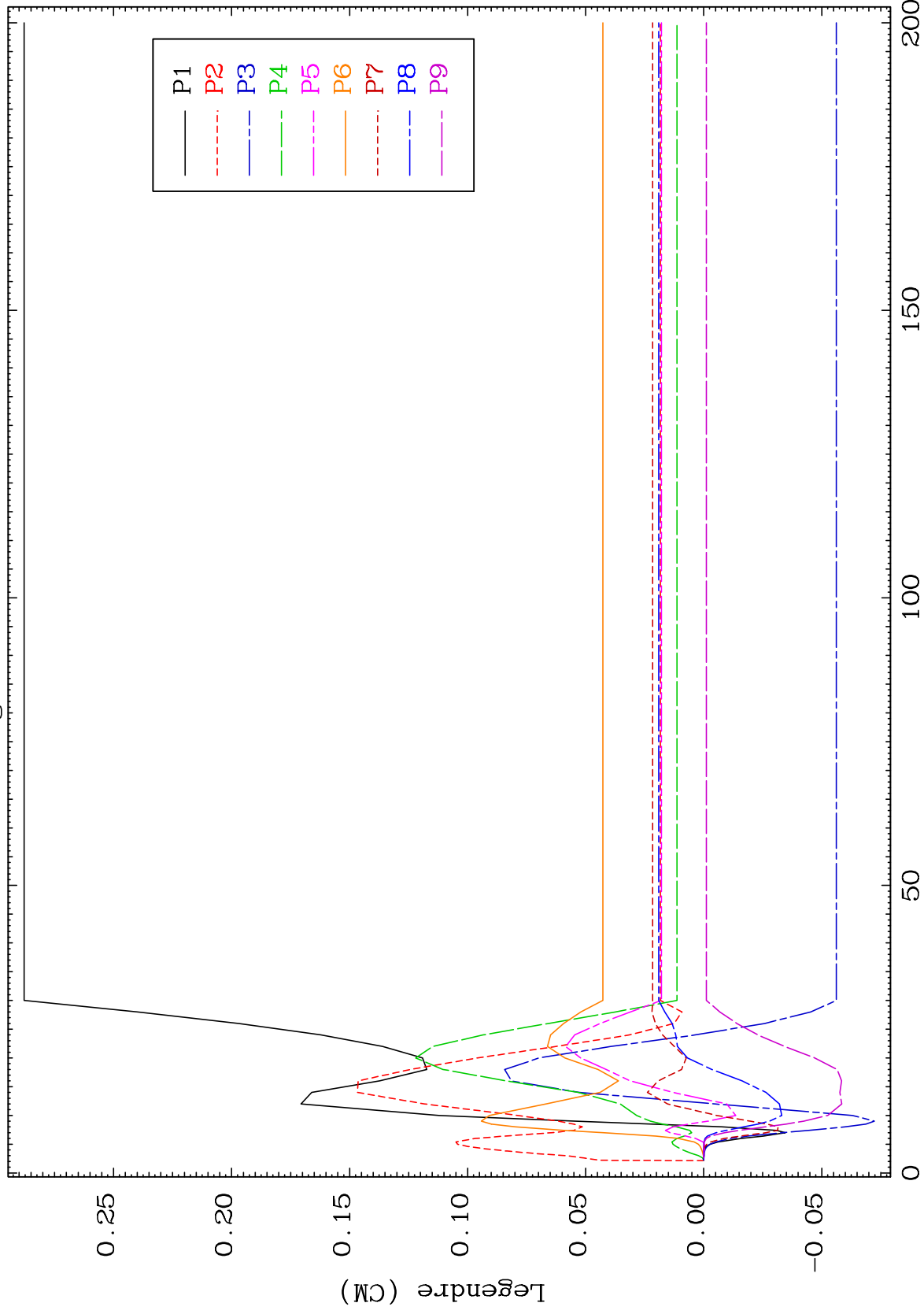
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

40-Zr-98



53

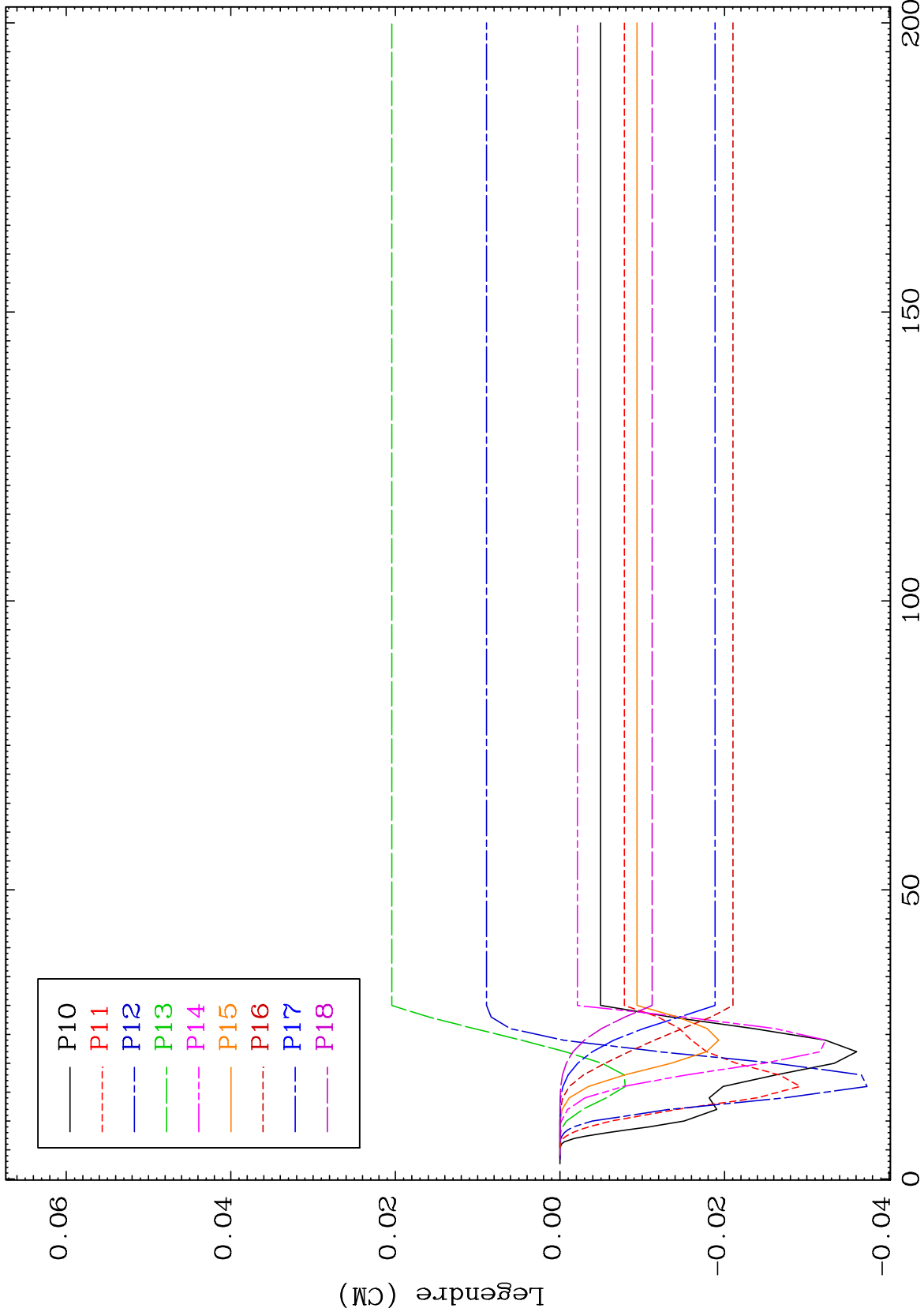
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

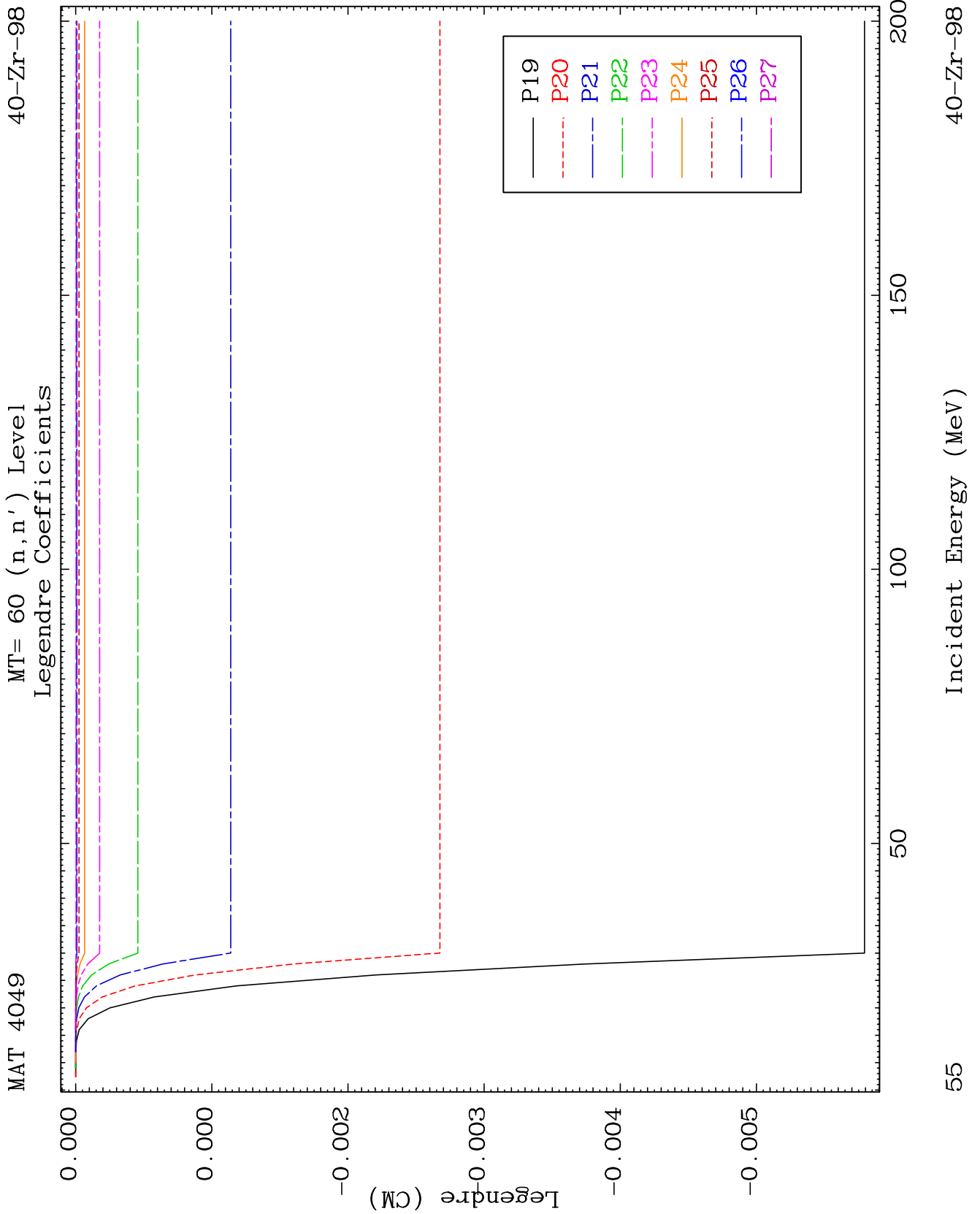
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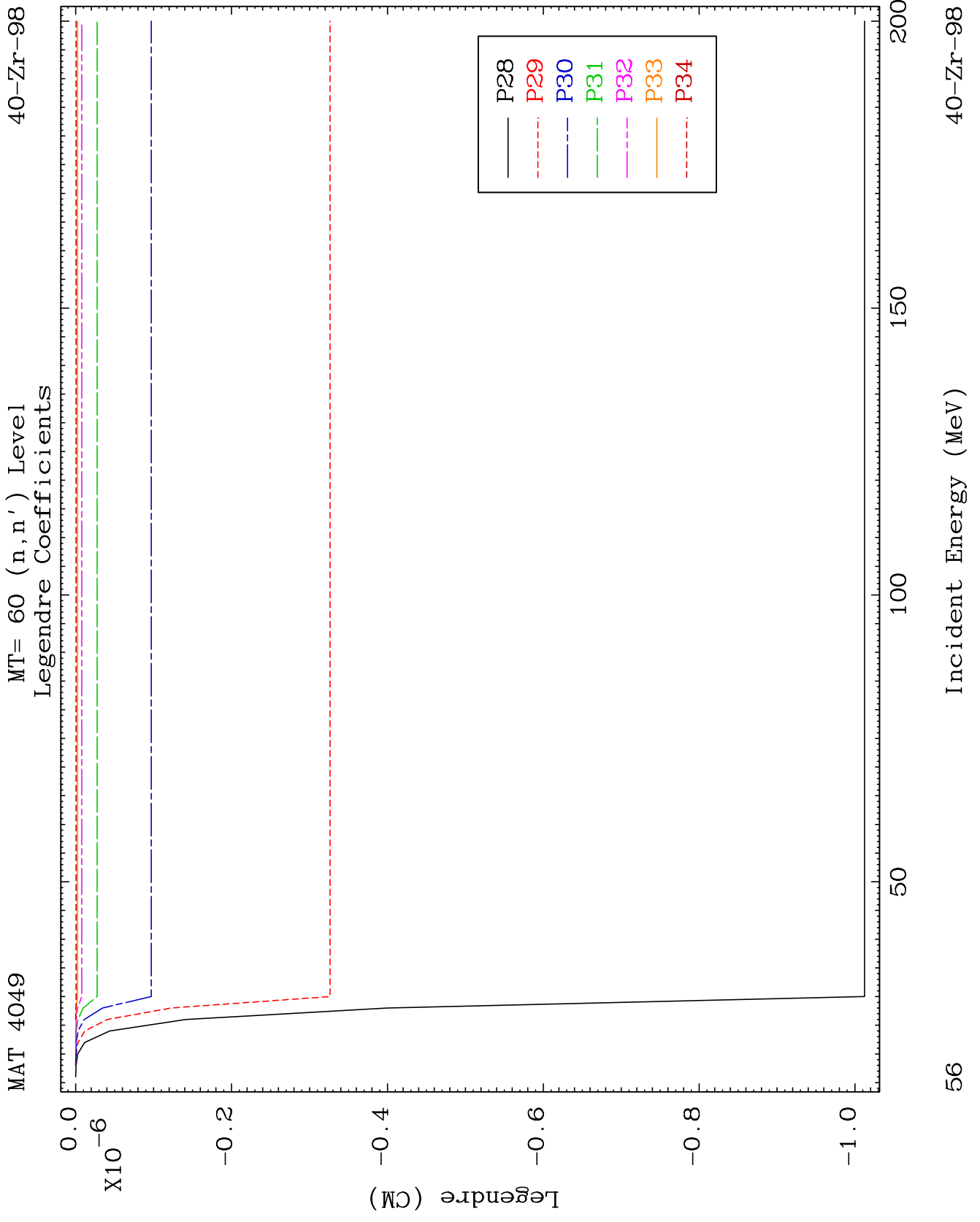
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Incident Energy (MeV)

40-Zr-98





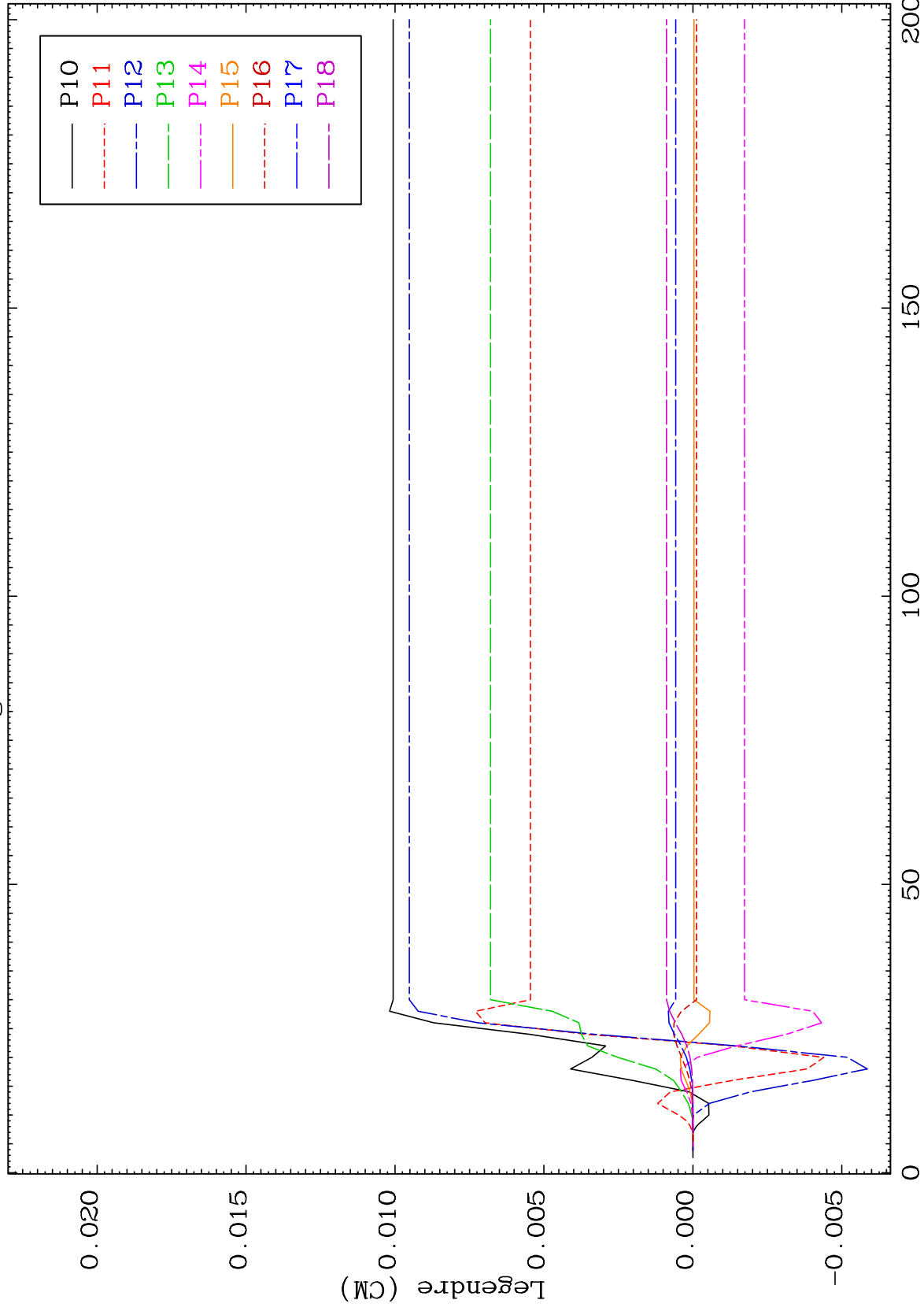




MAT 4049

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

40-Zr-98



58

Incident Energy (MeV)

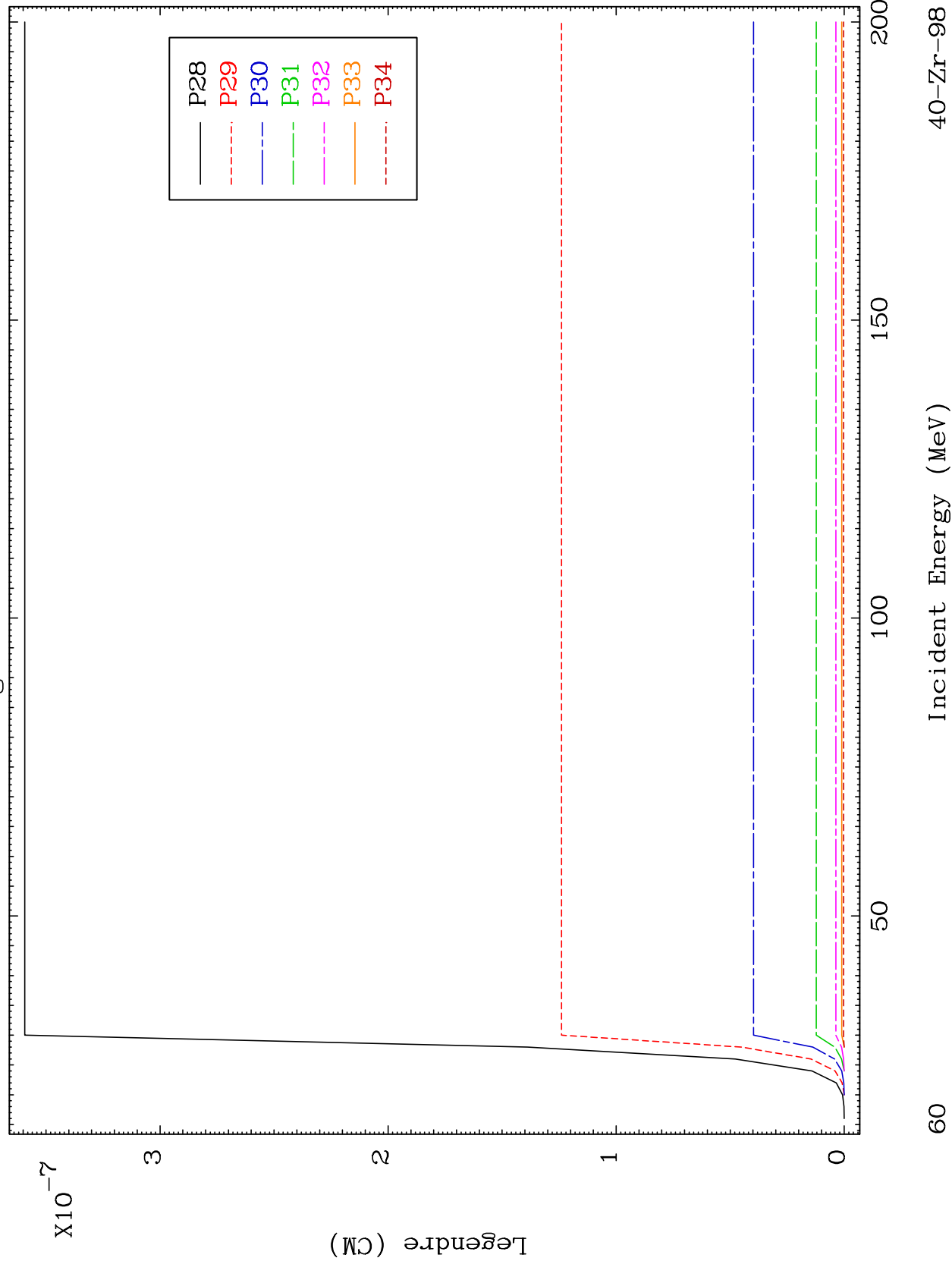
40-Zr-98



MAT 4049

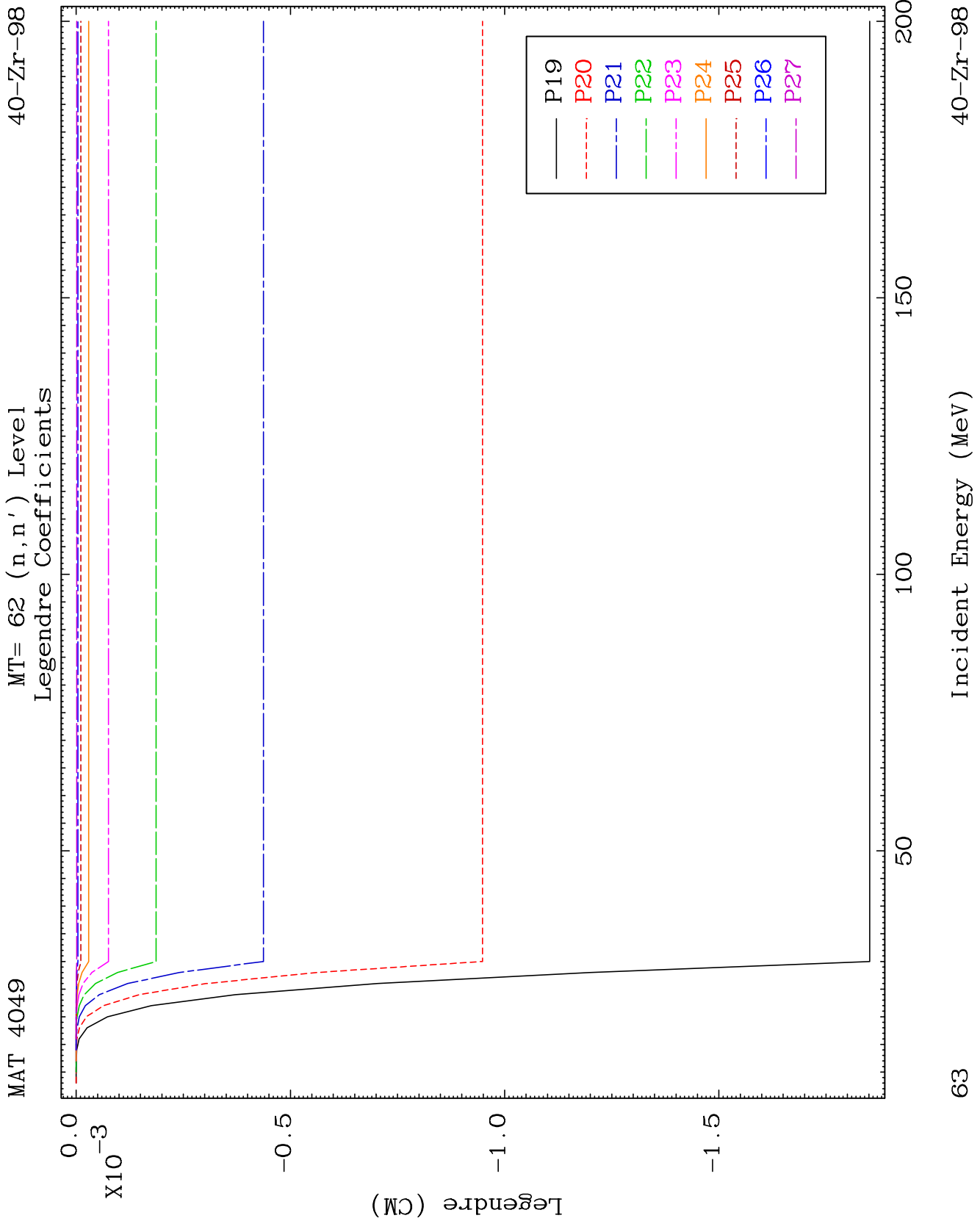
MT= 61 (n,n') Level  
Legendre Coefficients

40-Zr-98









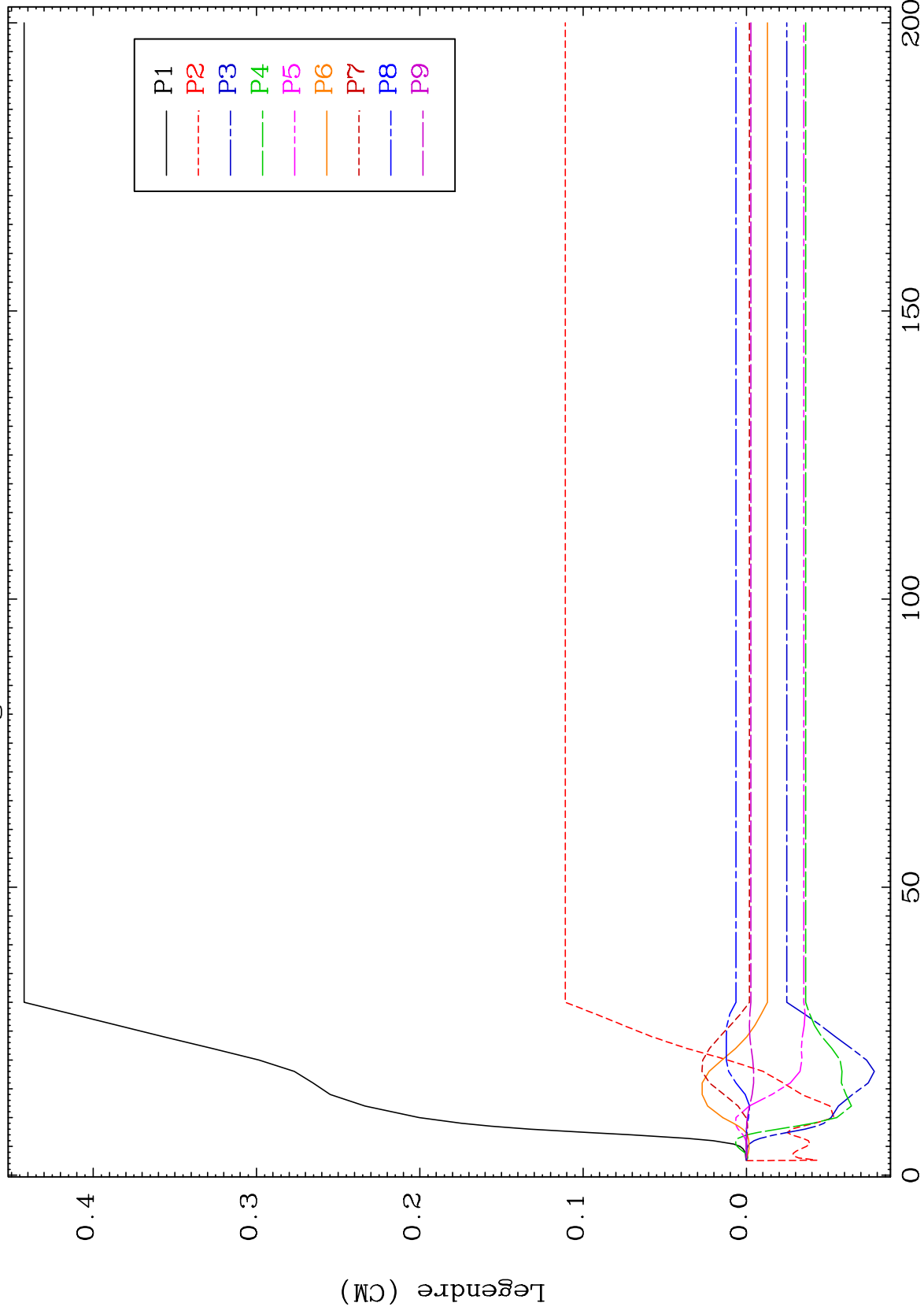




MAT 4049

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

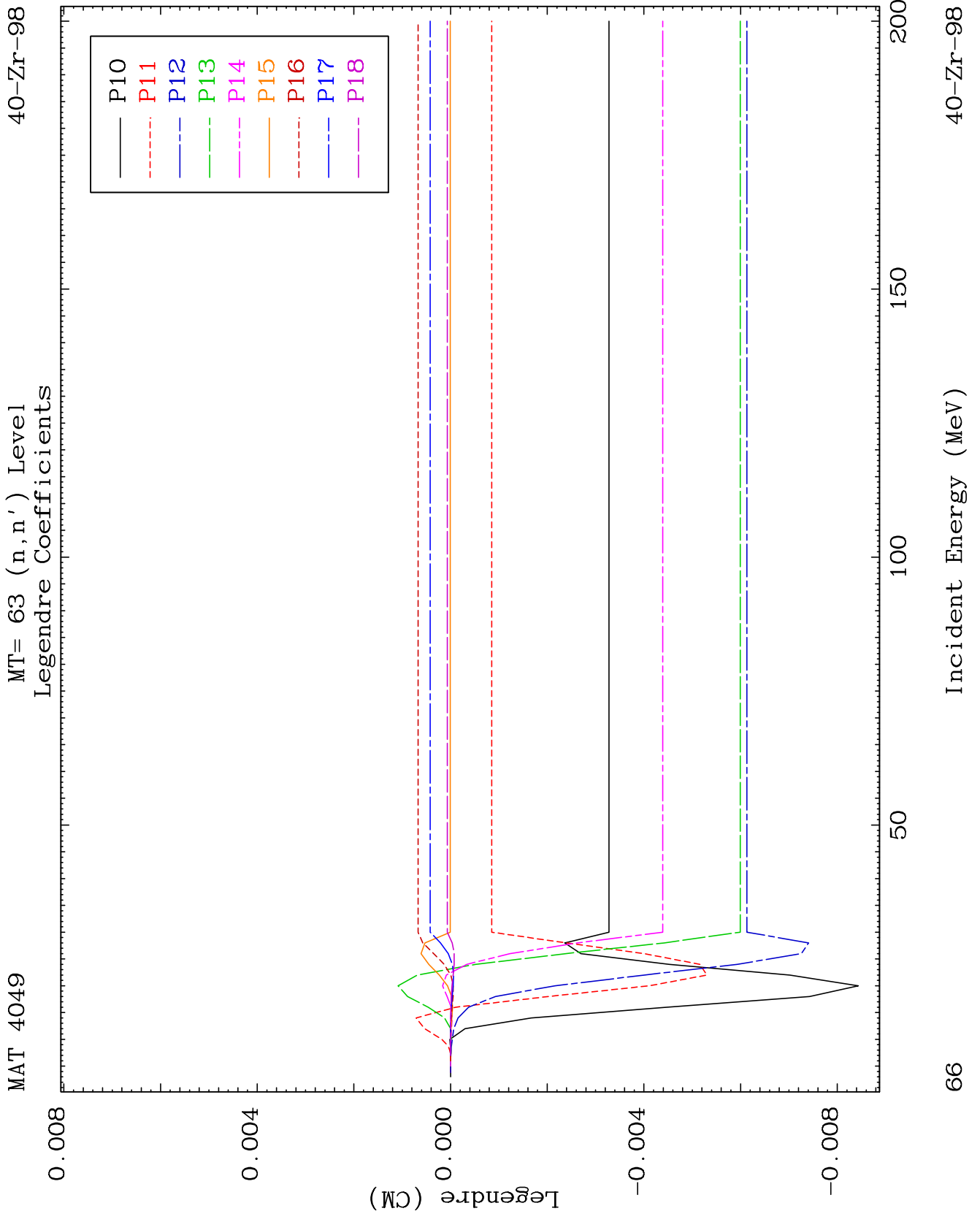
40-Zr-98



65

Incident Energy (MeV)

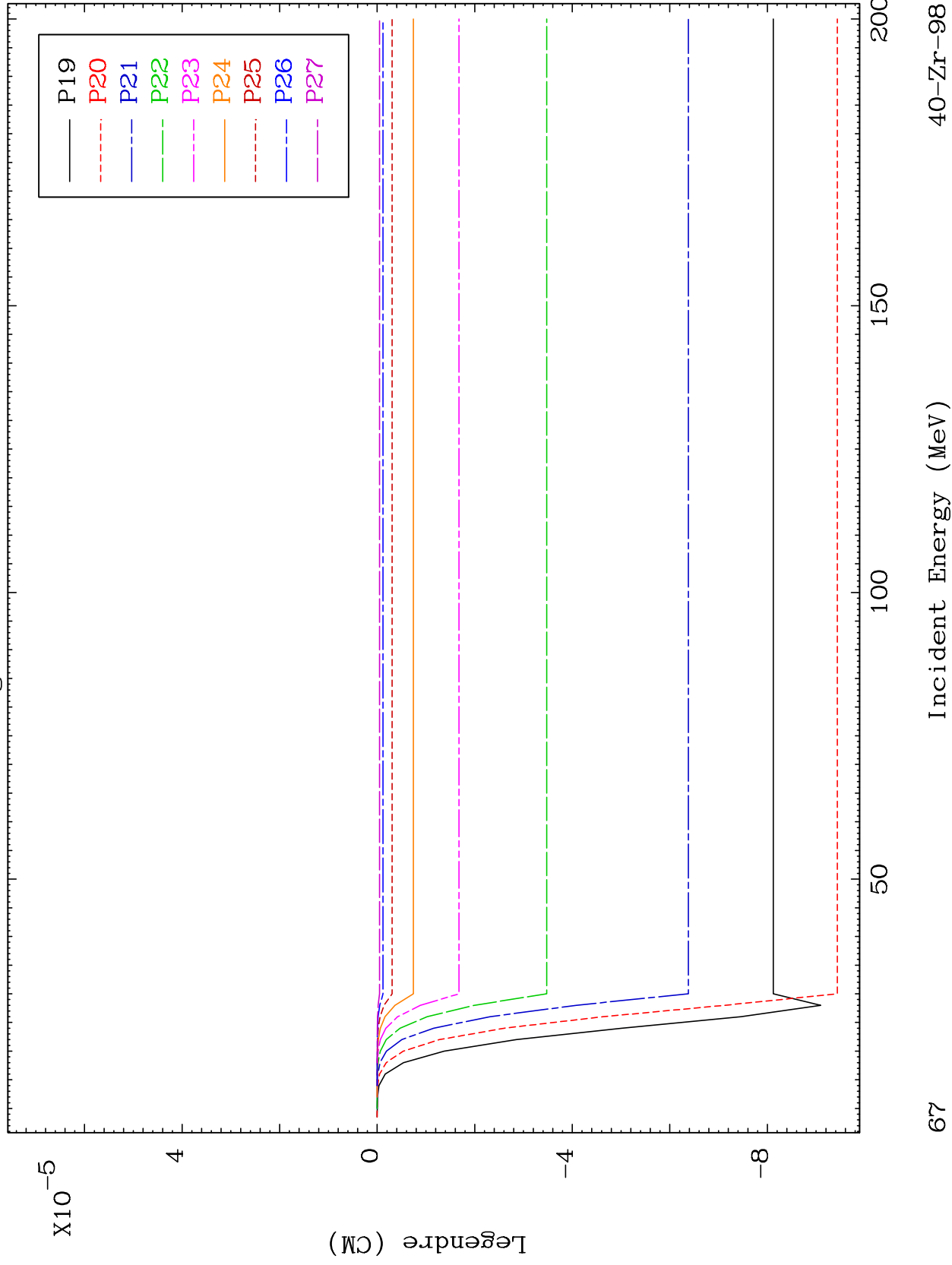
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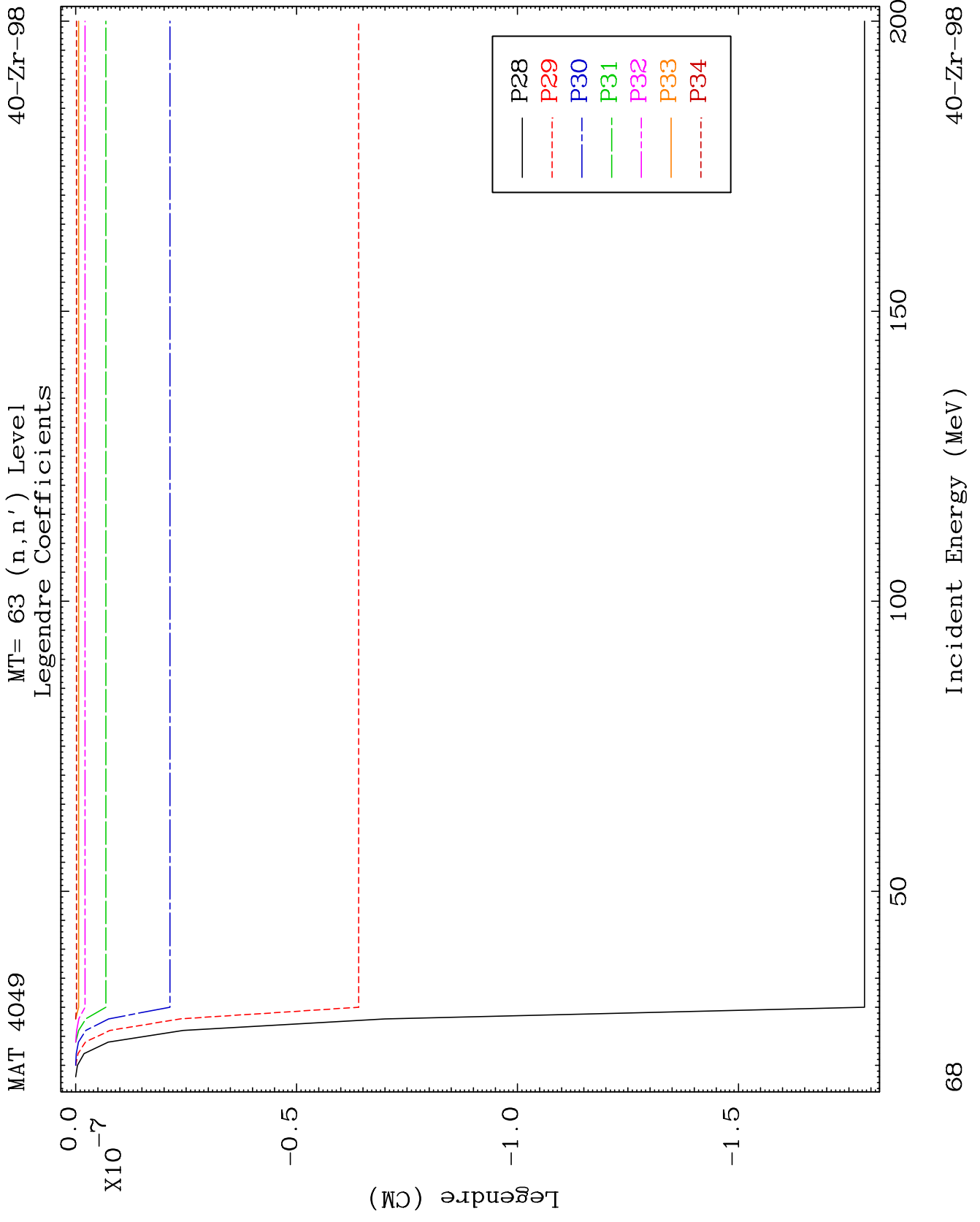


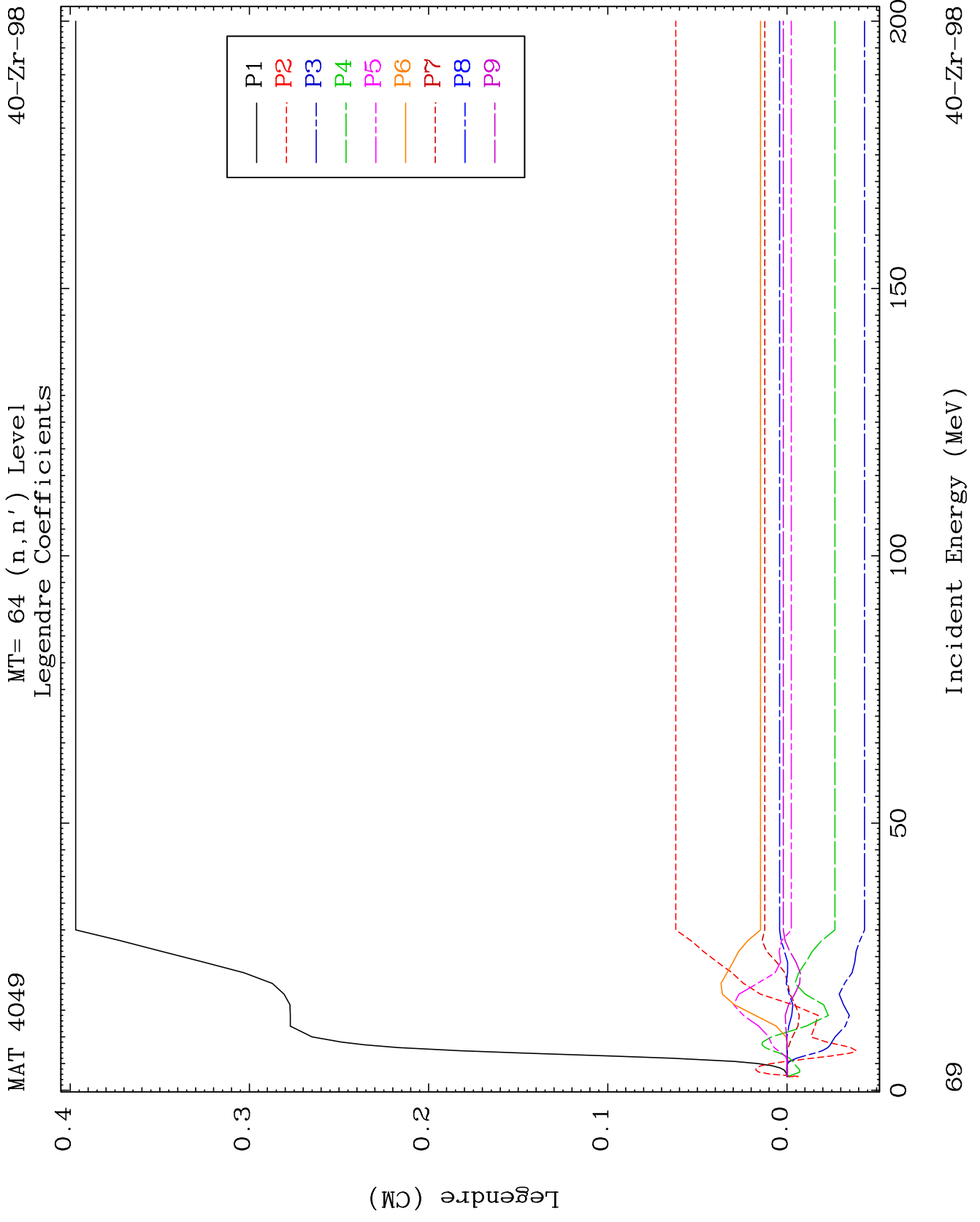
MAT 4049

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

40-Zr-98



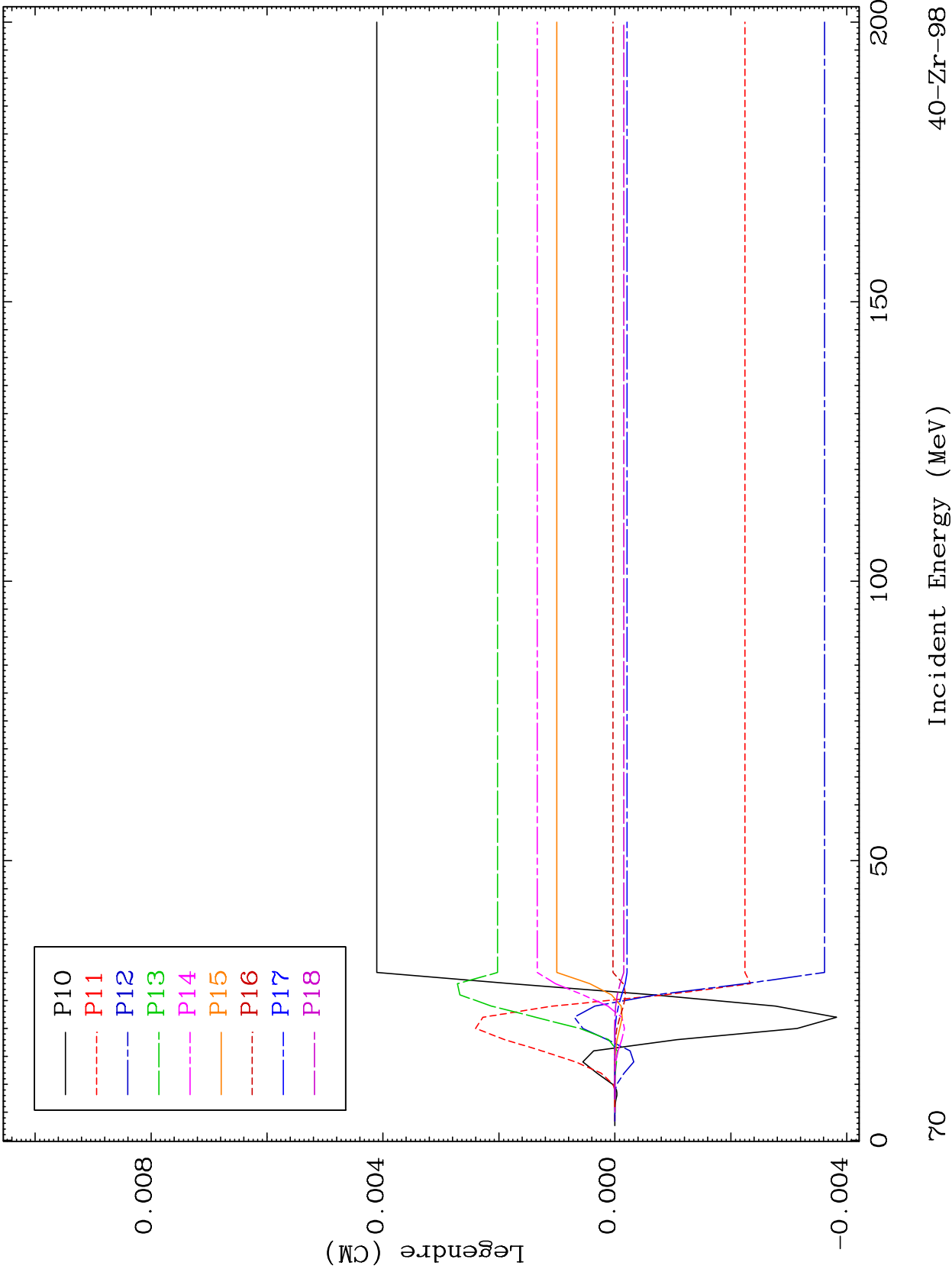




MAT 4049

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

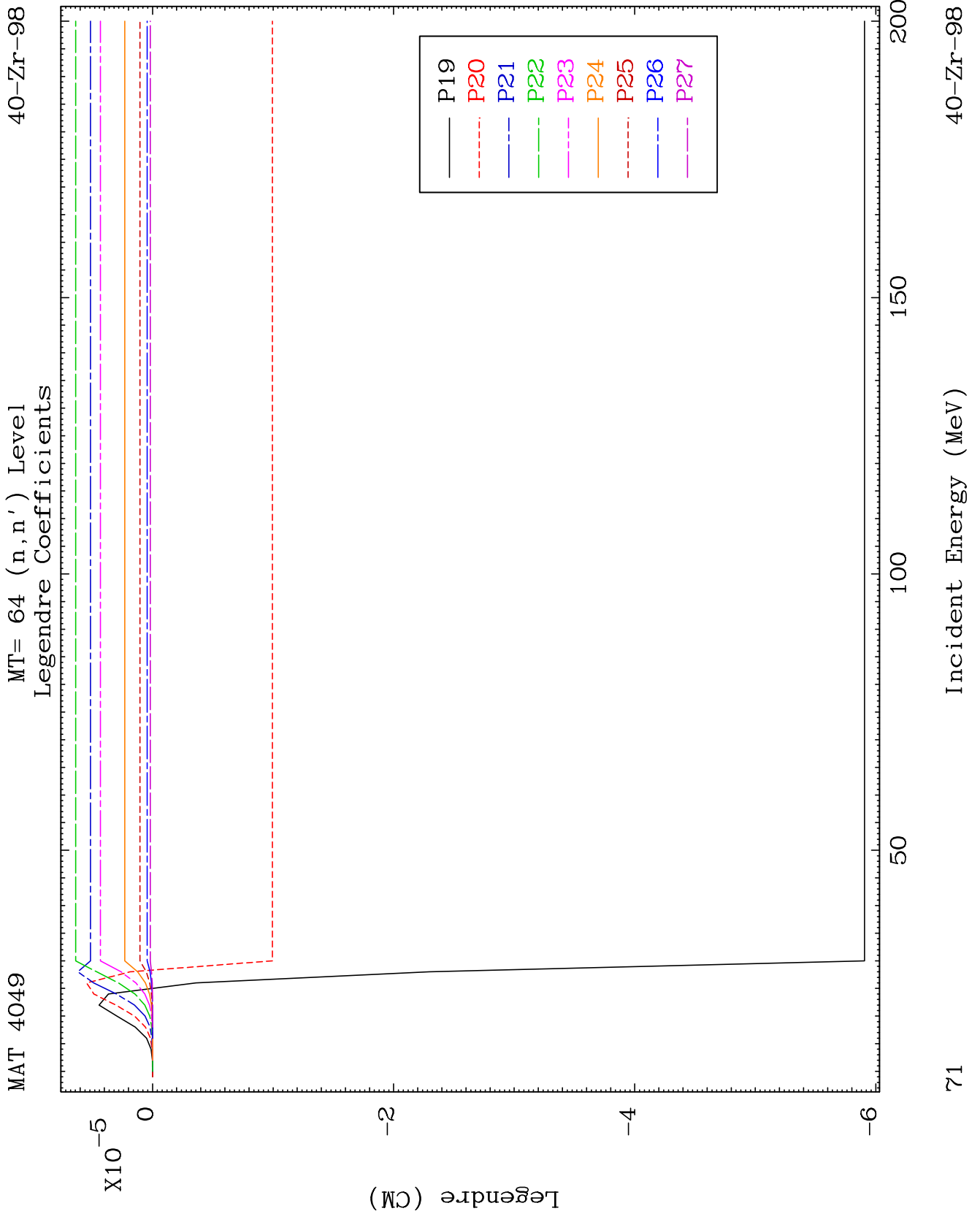
40-Zr-98



70

Incident Energy (MeV)

40-Zr-98

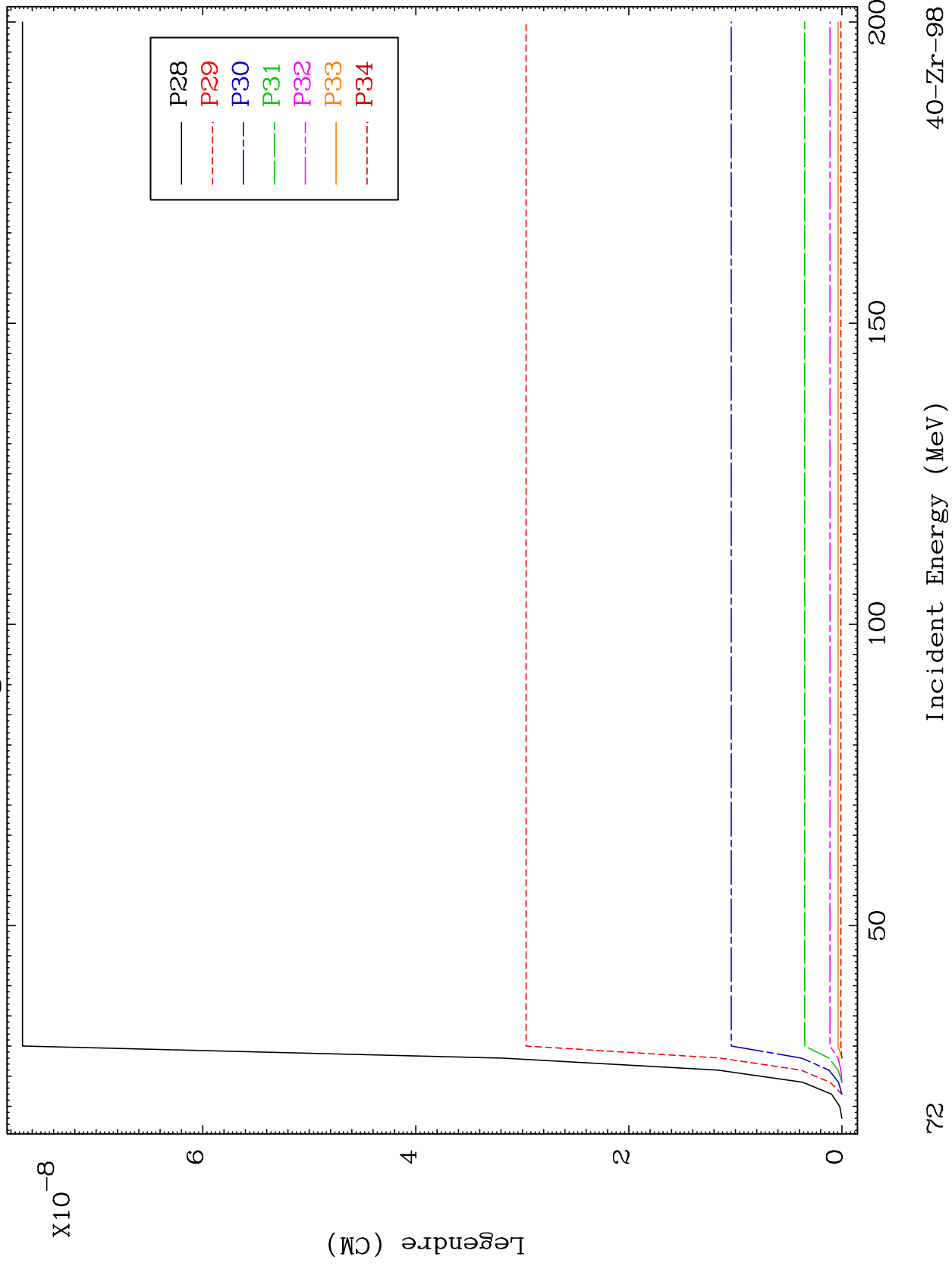




MAT 4049

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

40-Zr-98



72

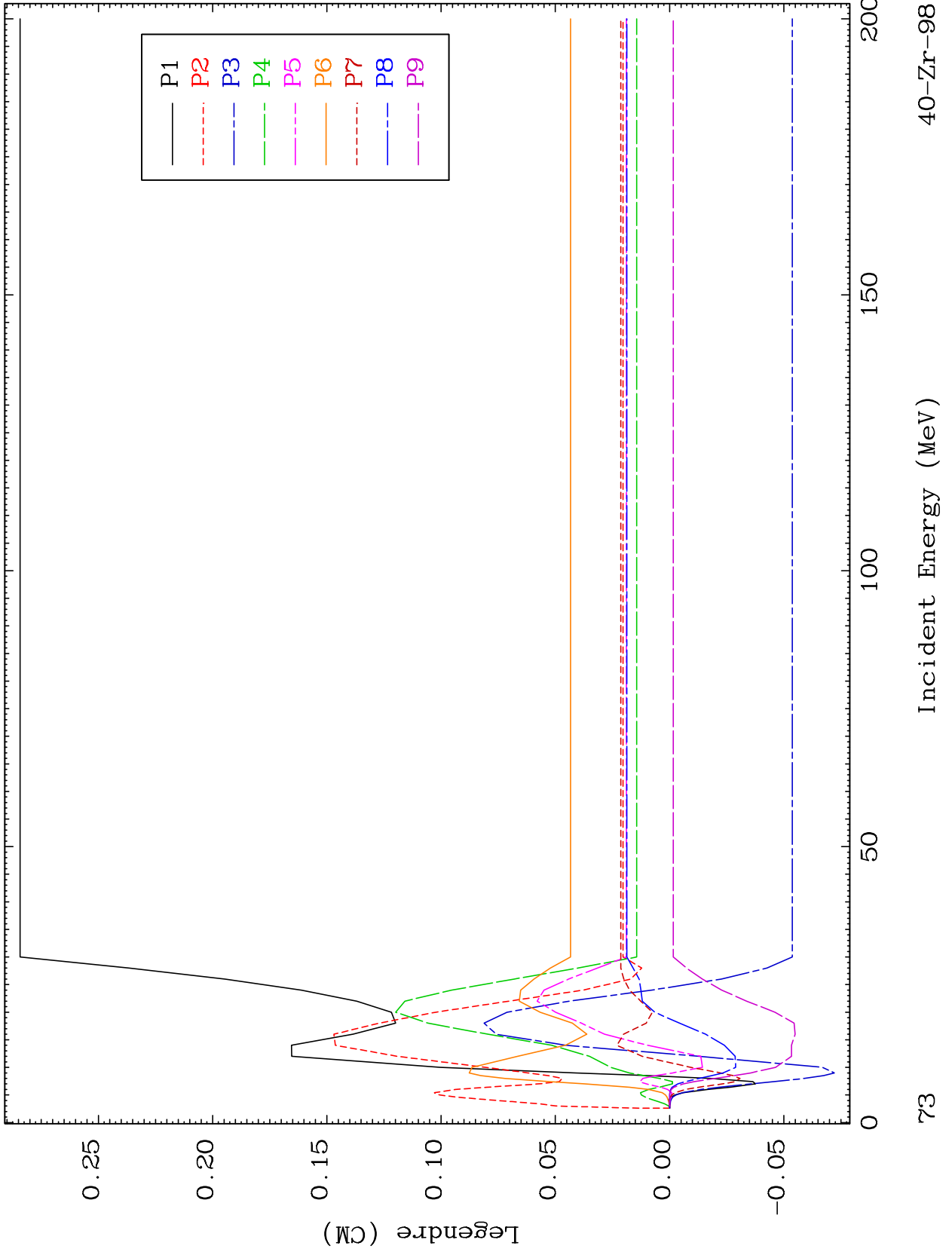
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

40-Zr-98



73

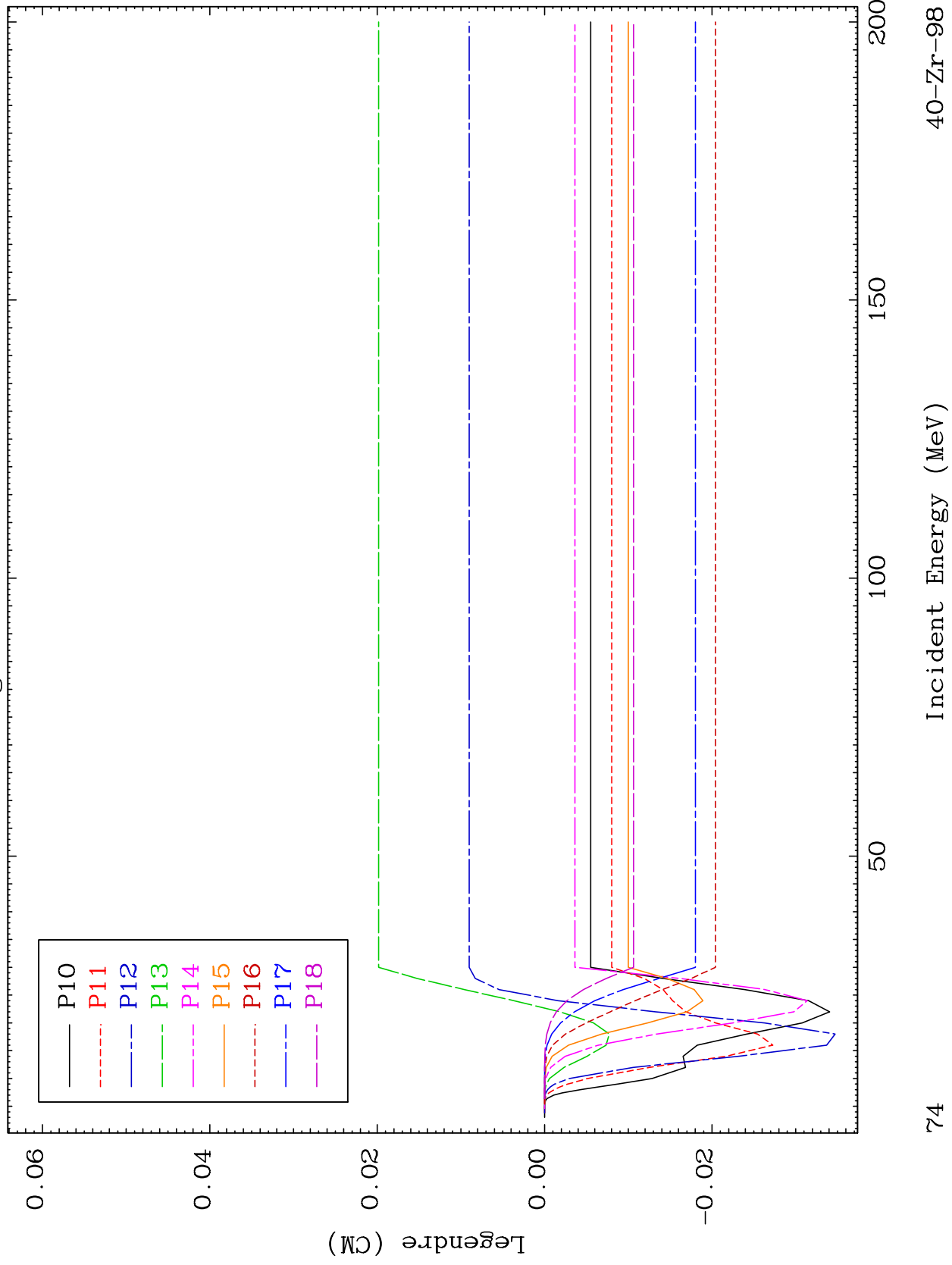
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

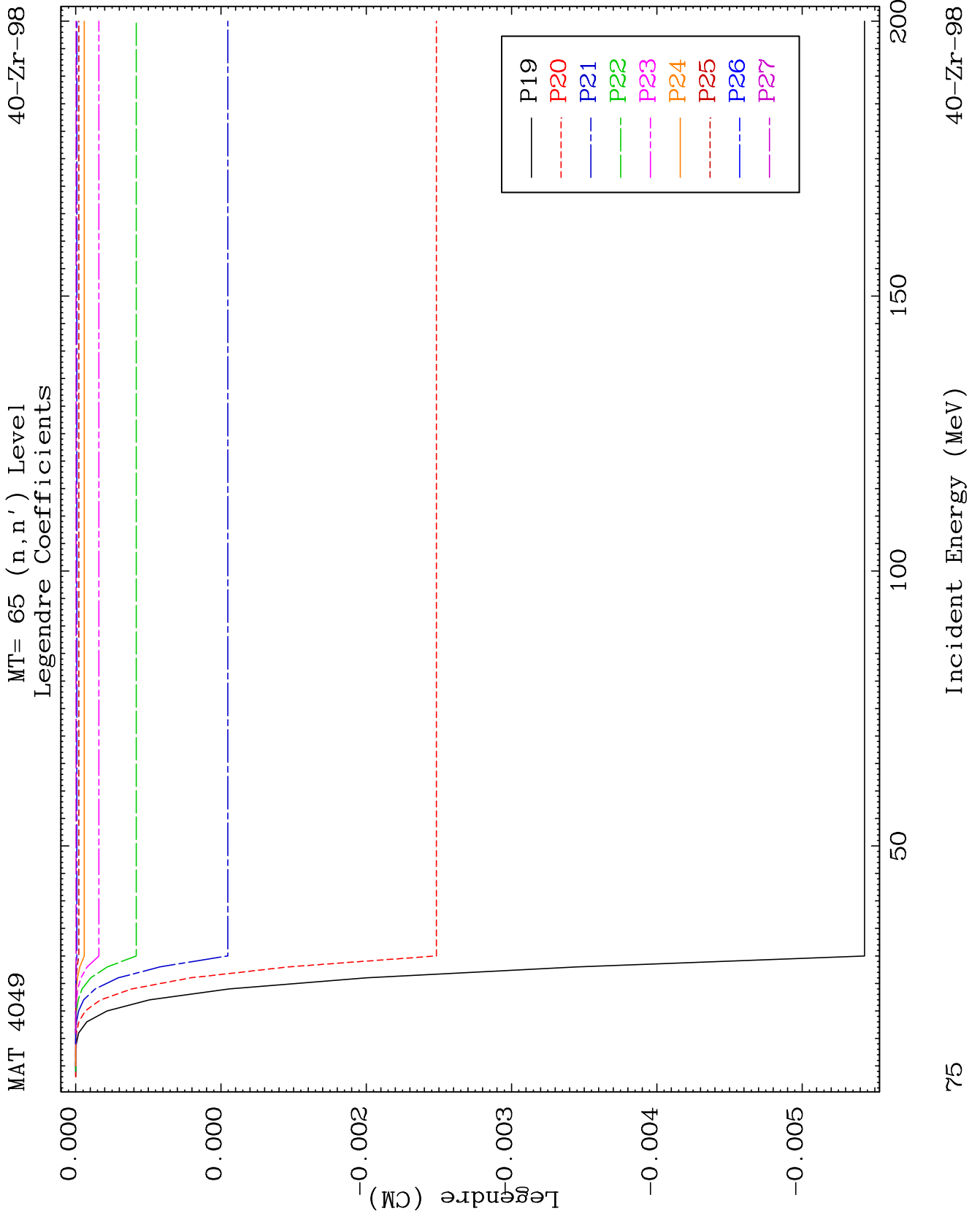
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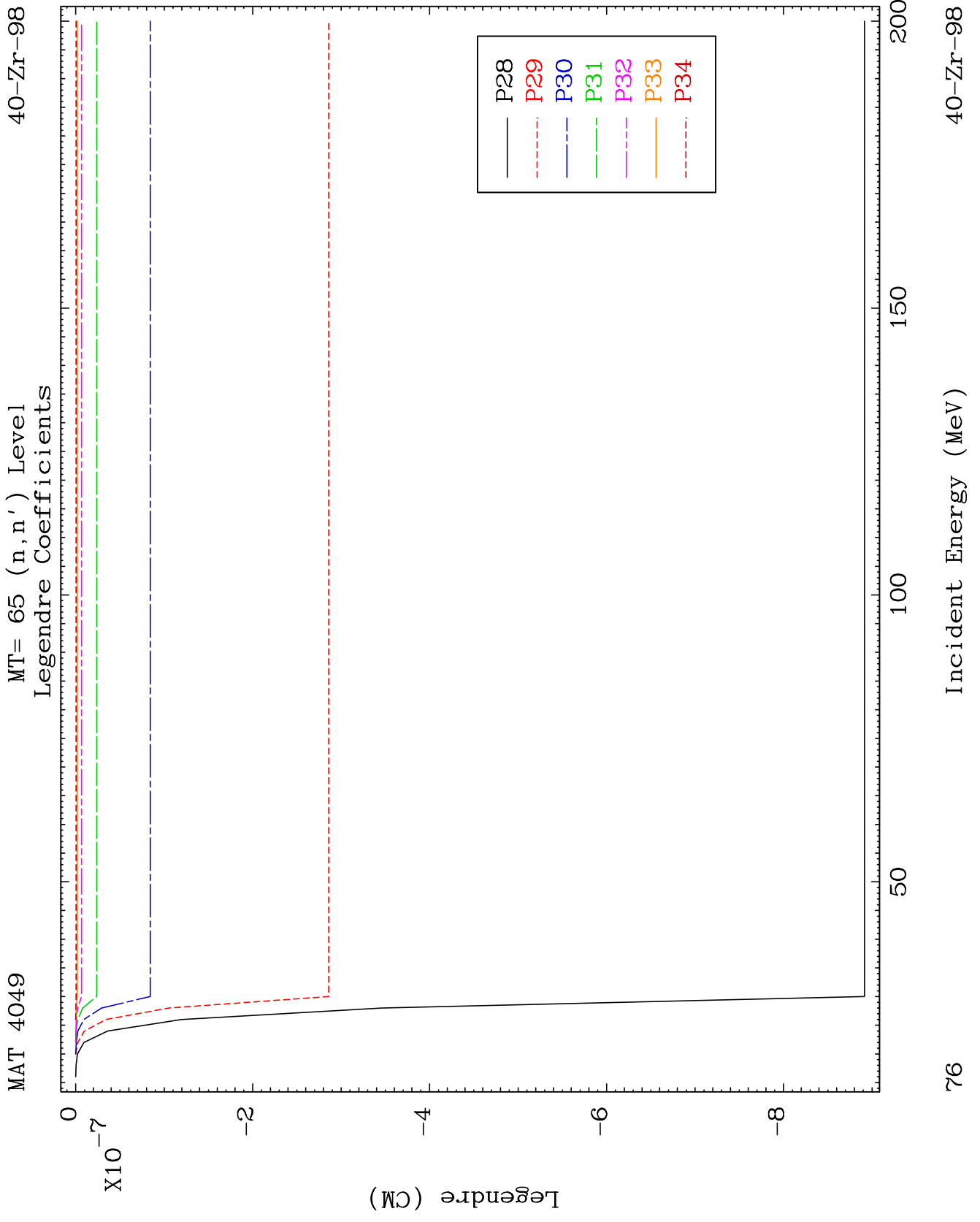


74

Incident Energy (MeV)

40-Zr-98

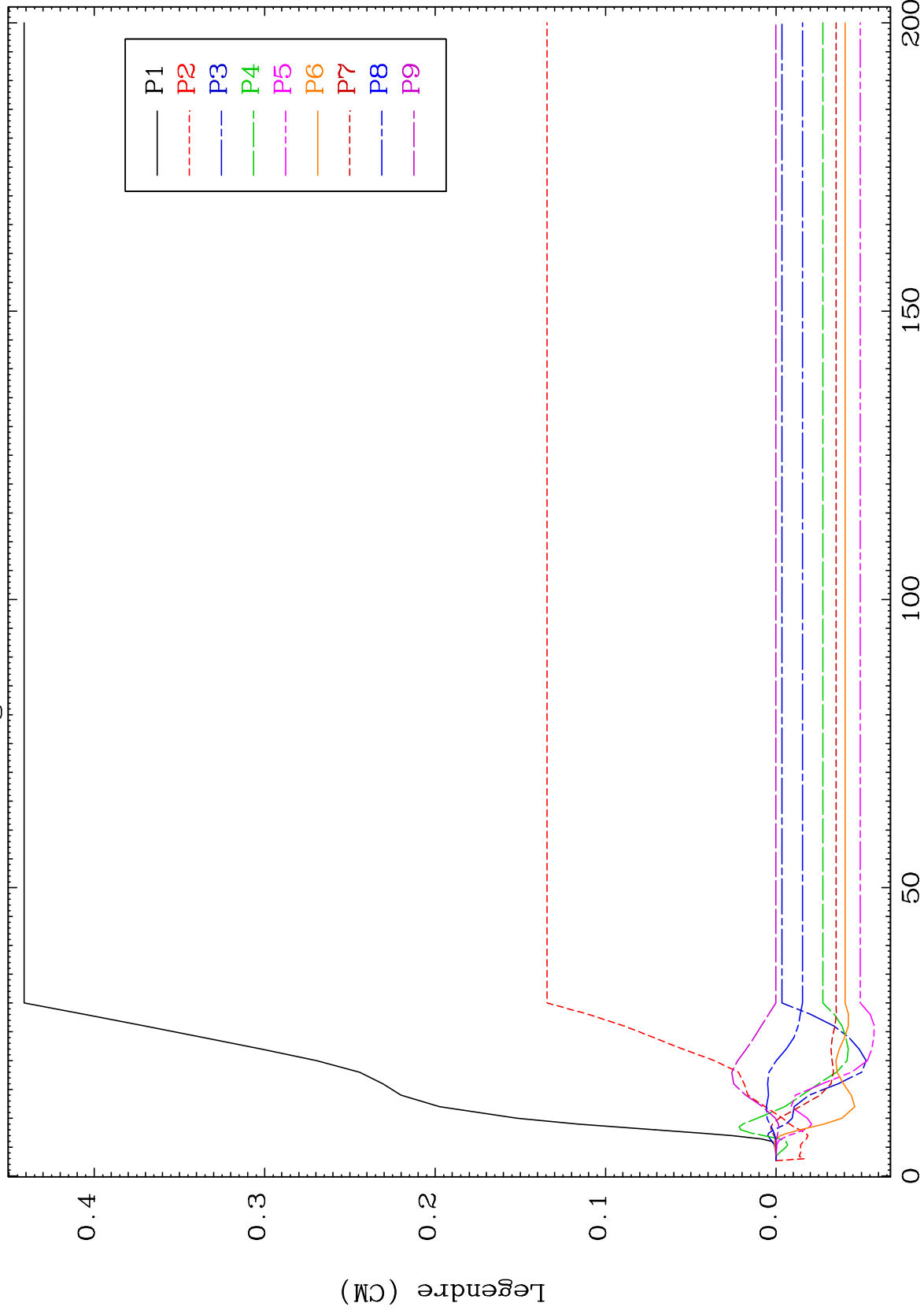




MAT 4049

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

40-Zr-98

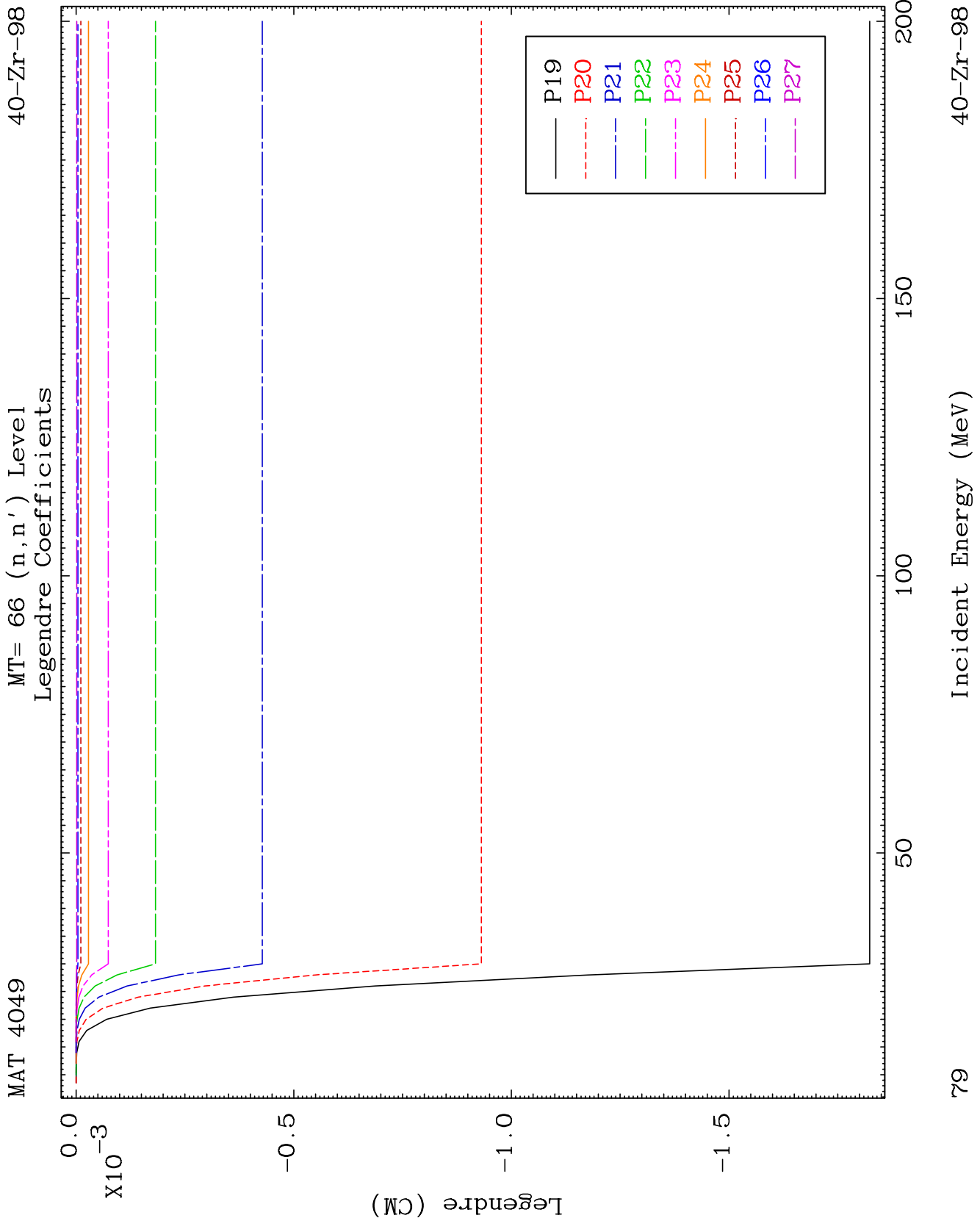


77

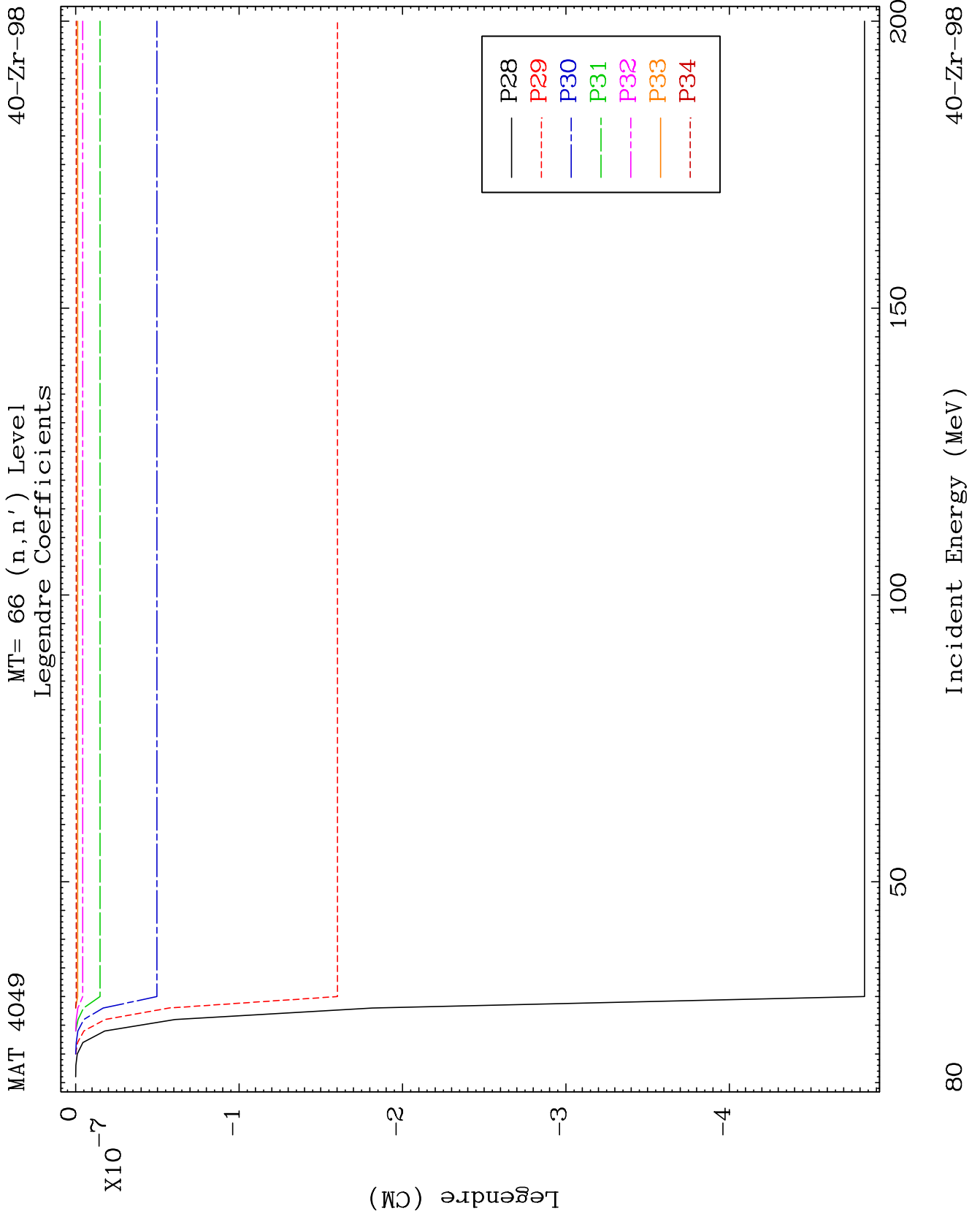
Incident Energy (MeV)

40-Zr-98





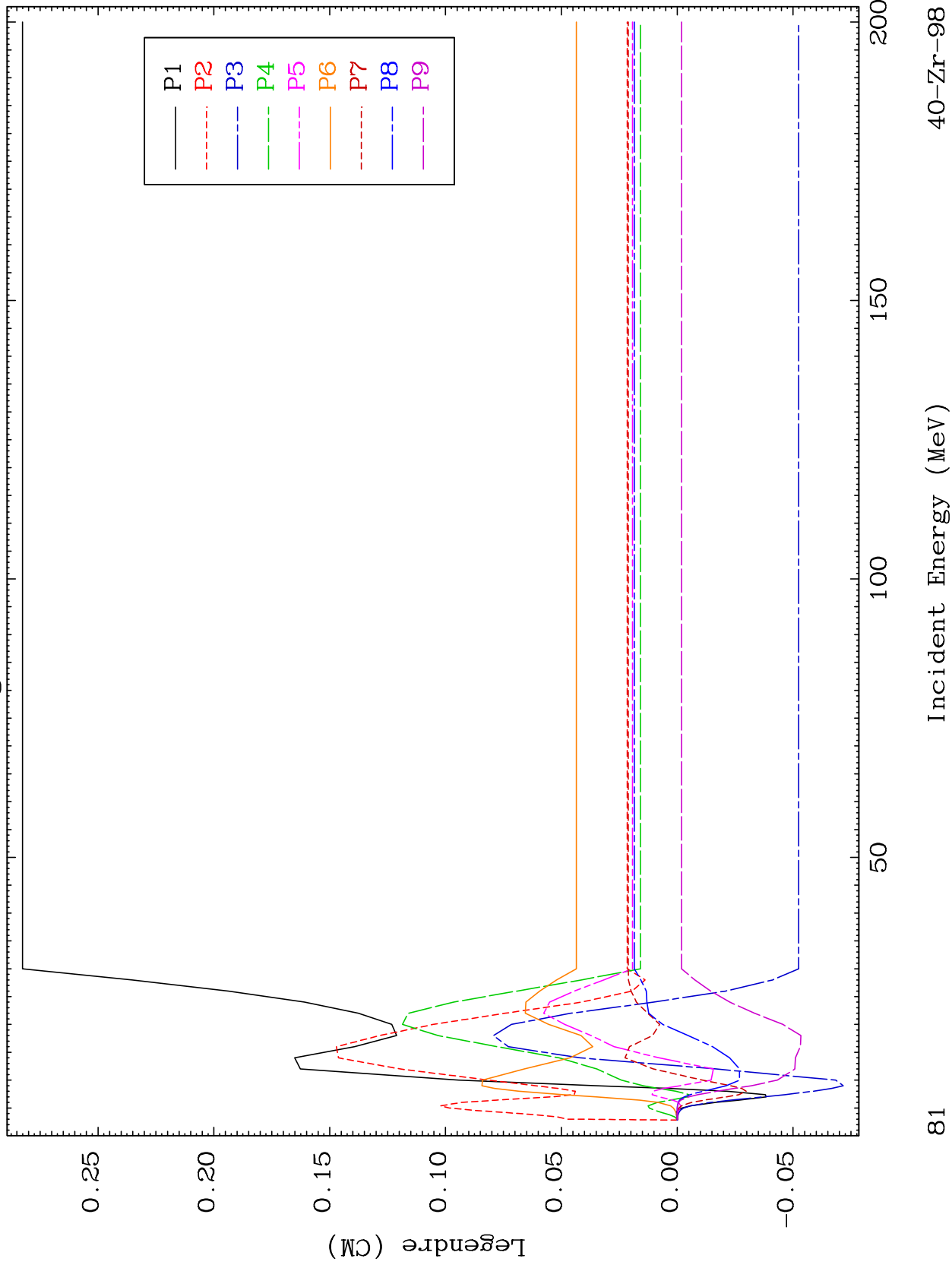




MAT 4049

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

40-Zr-98



81

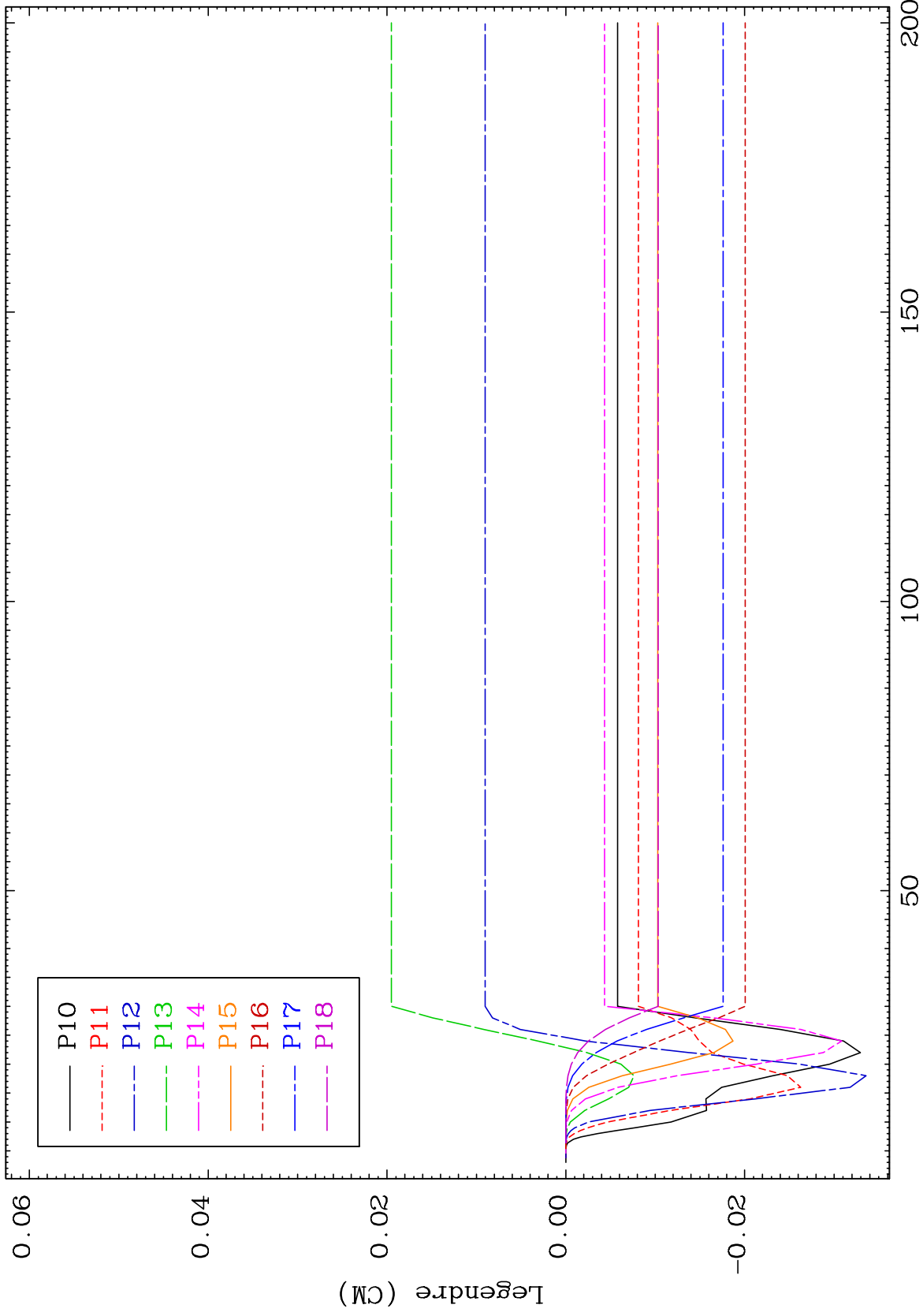
Incident Energy (MeV)

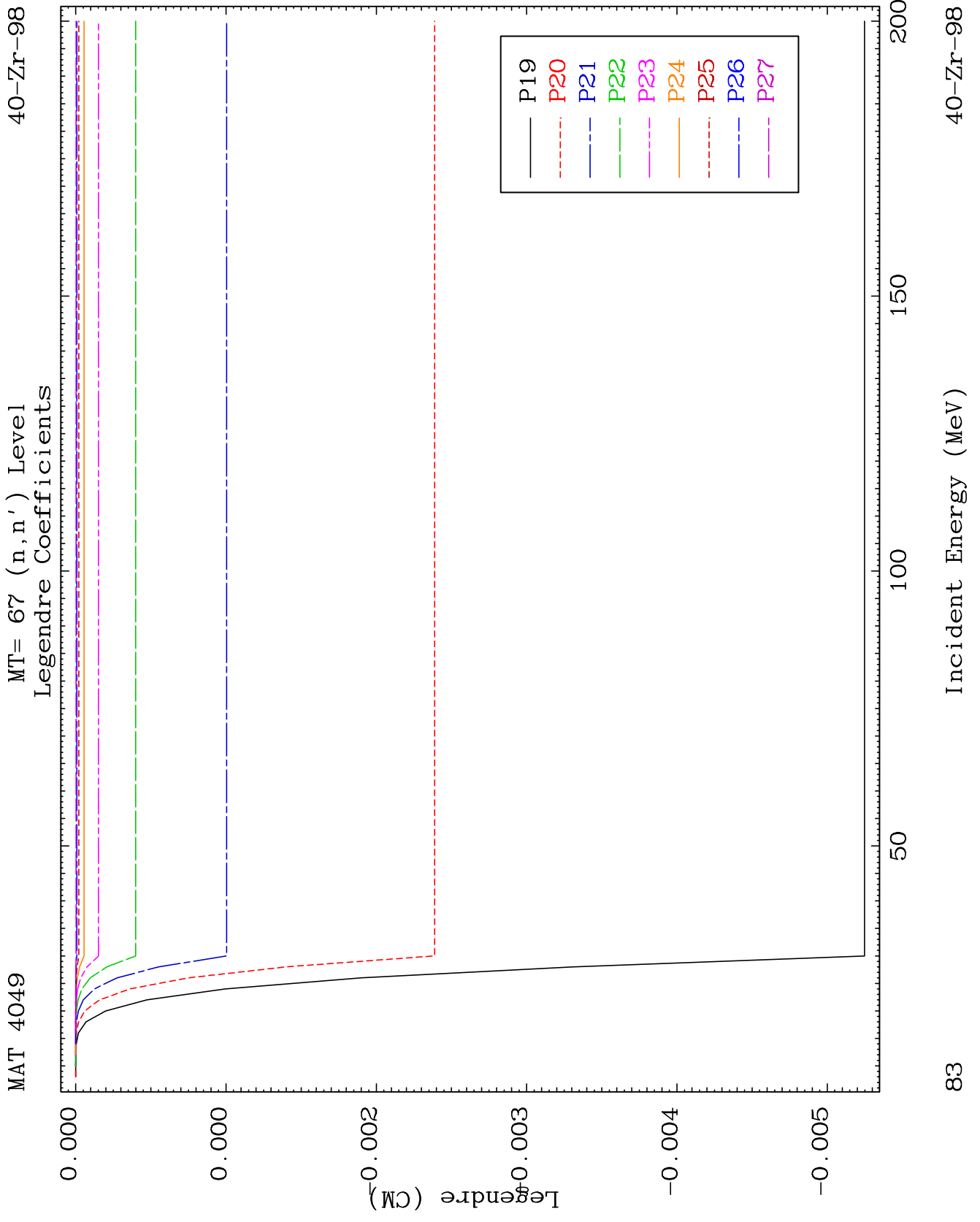
40-Zr-98

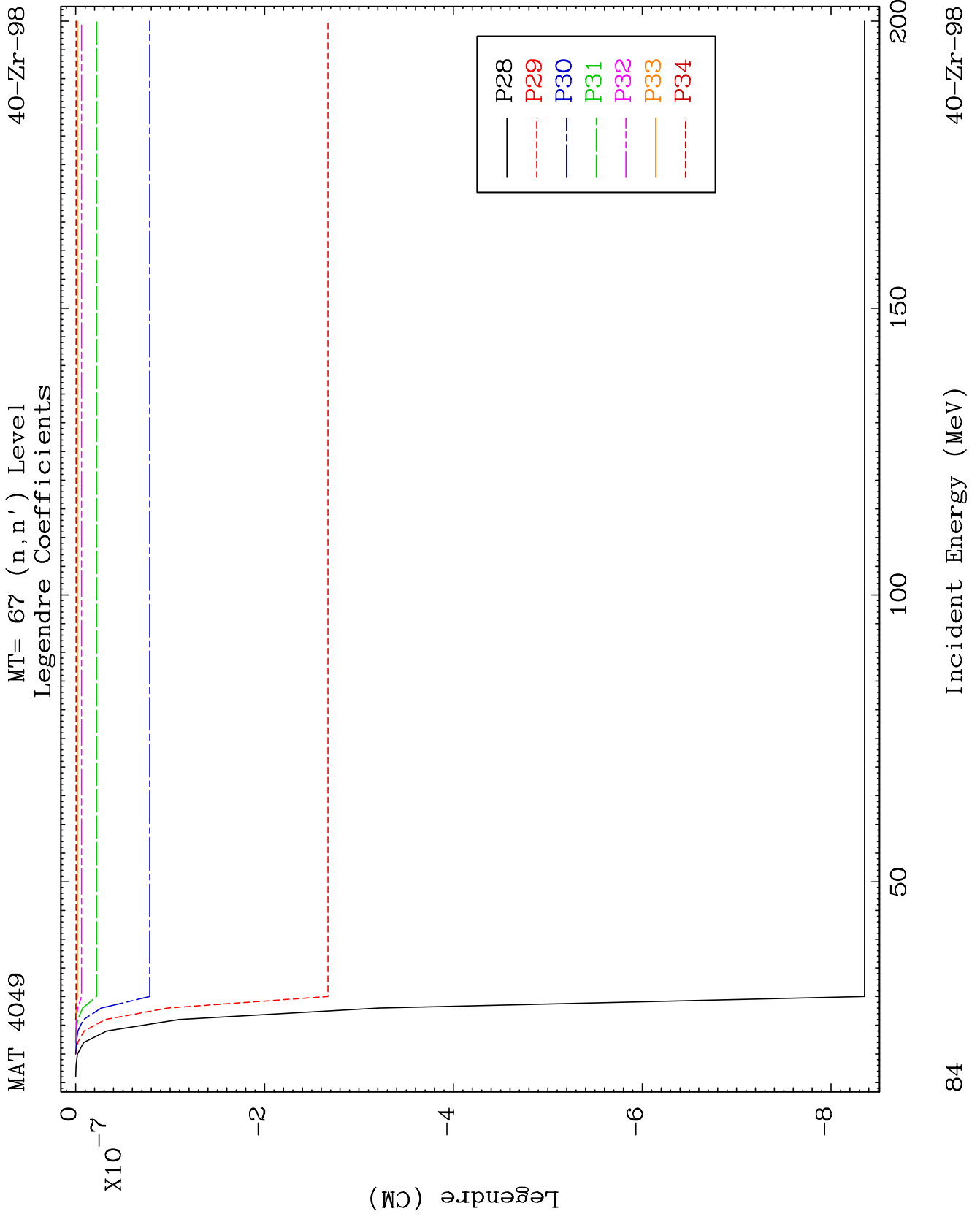
MAT 4049

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

40-Zr-98



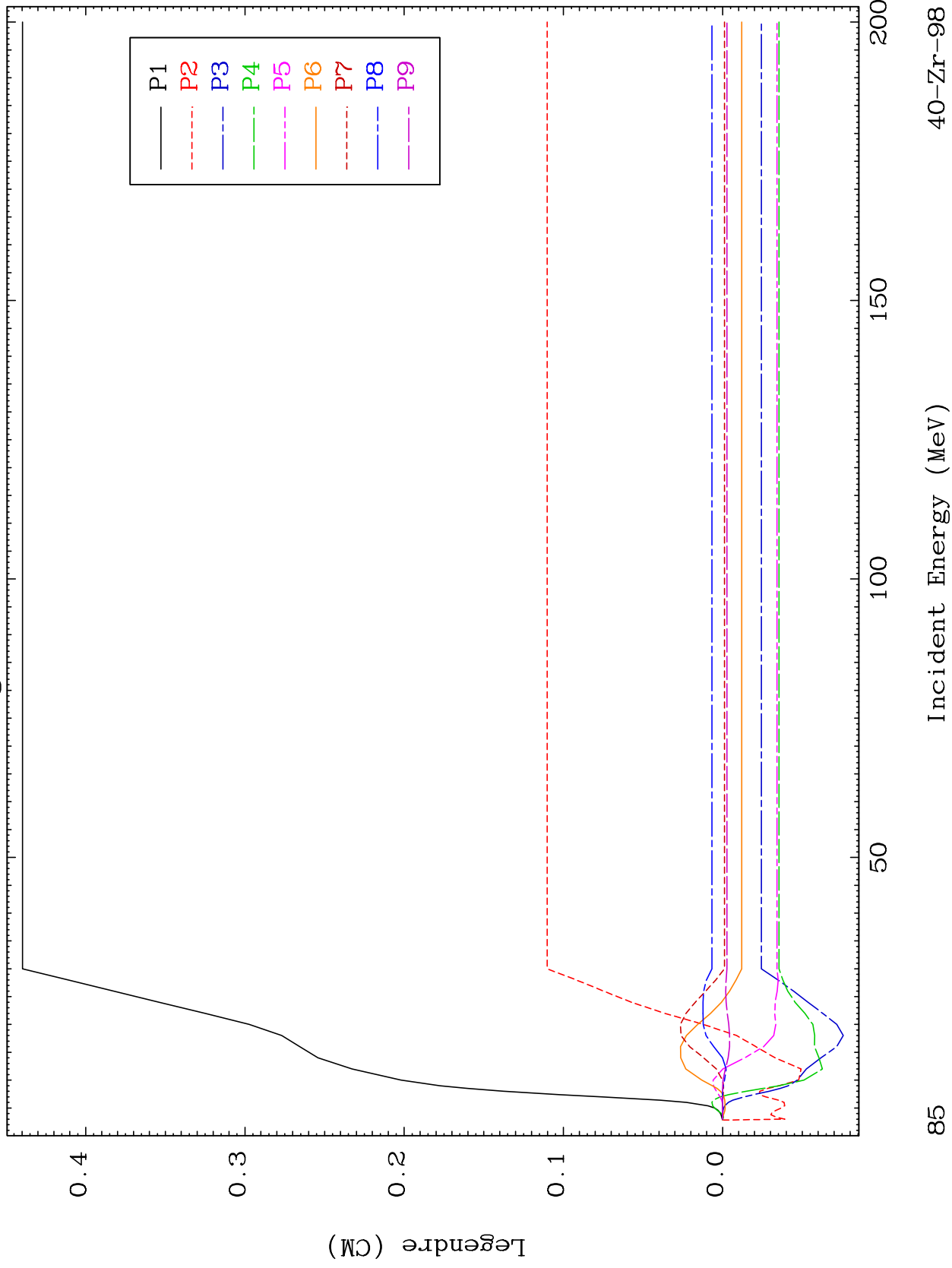




MAT 4049

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

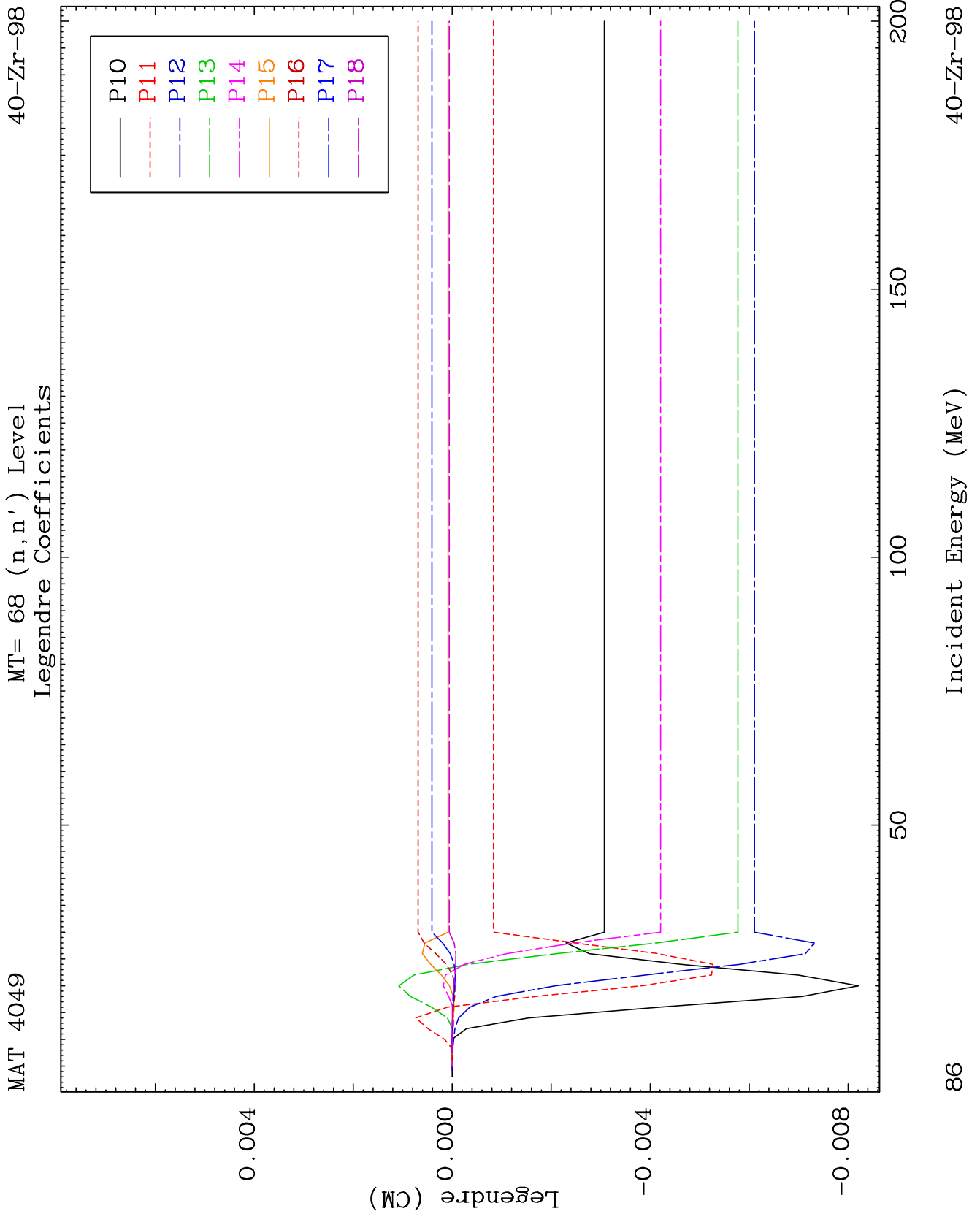
40-Zr-98



85

Incident Energy (MeV)

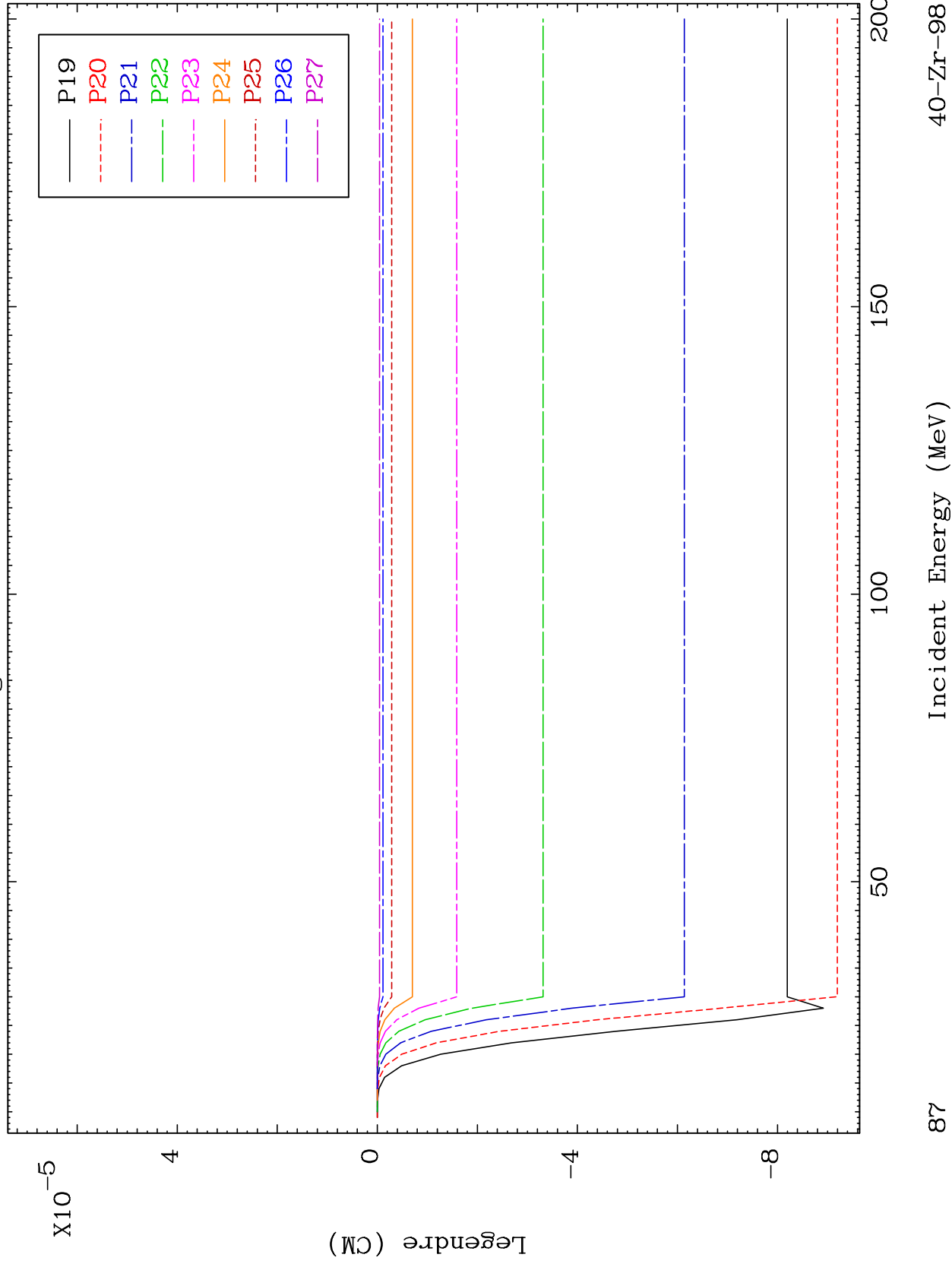
40-Zr-98



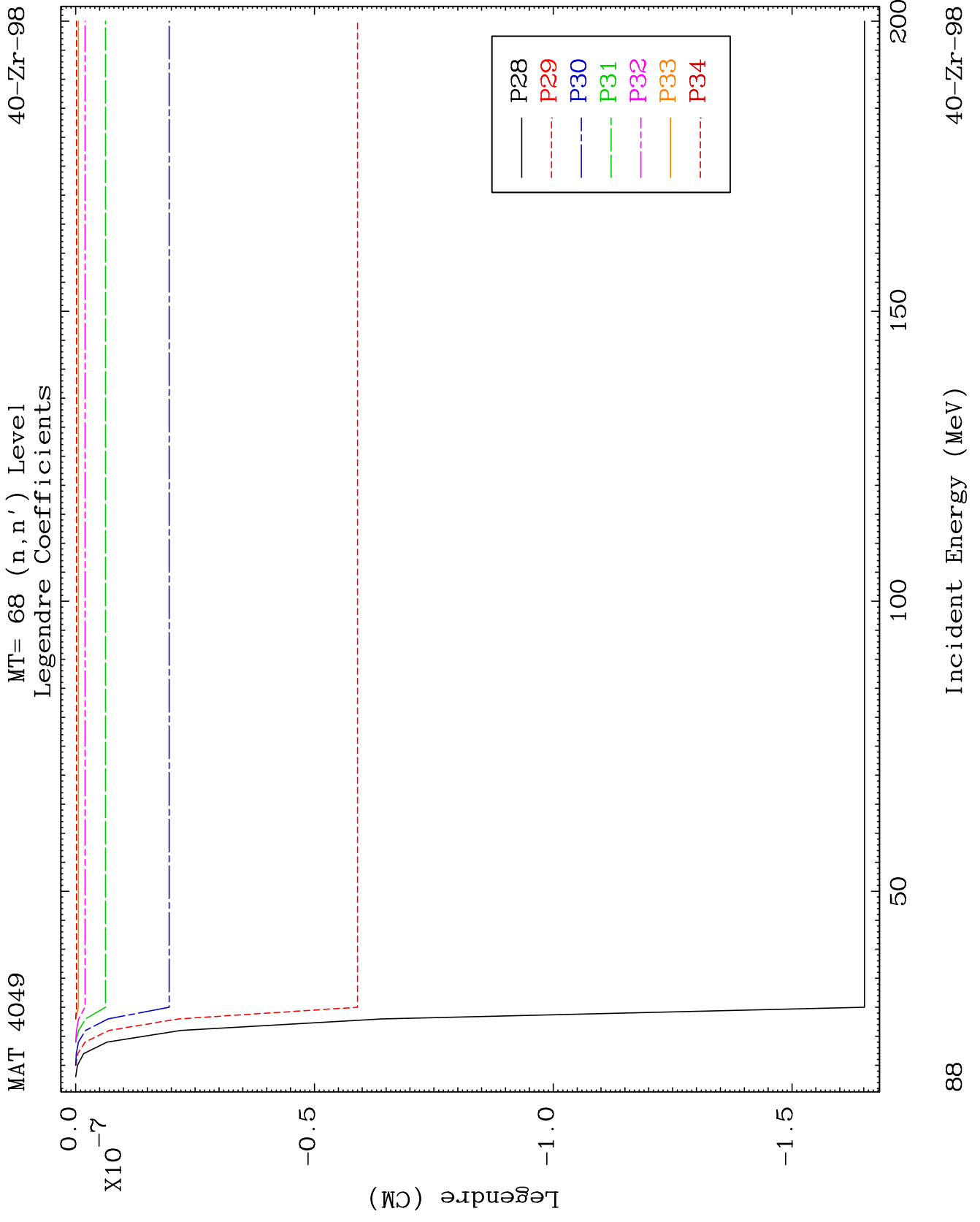
MAT 4049

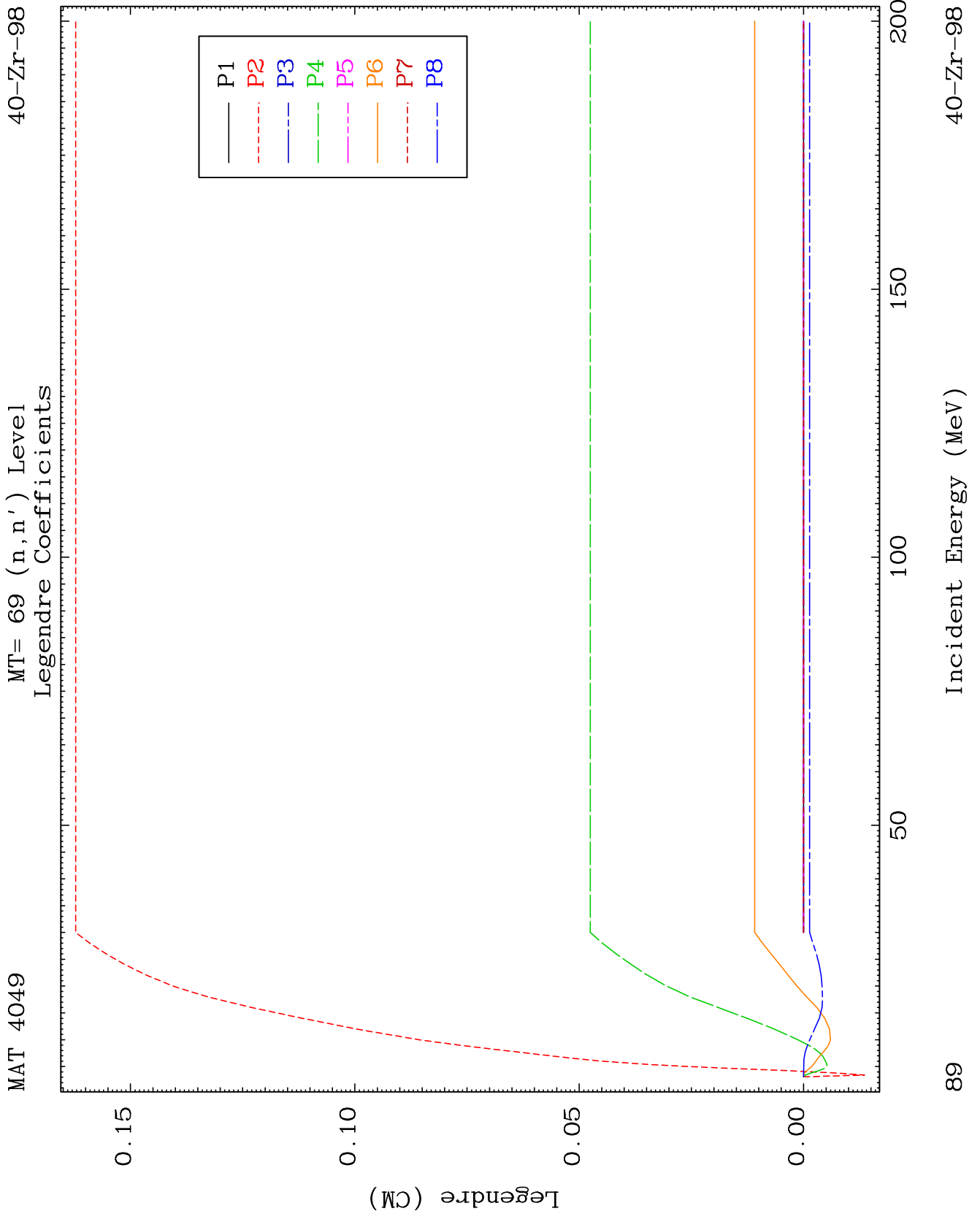
MT= 68 (n,n') Level  
Legendre Coefficients

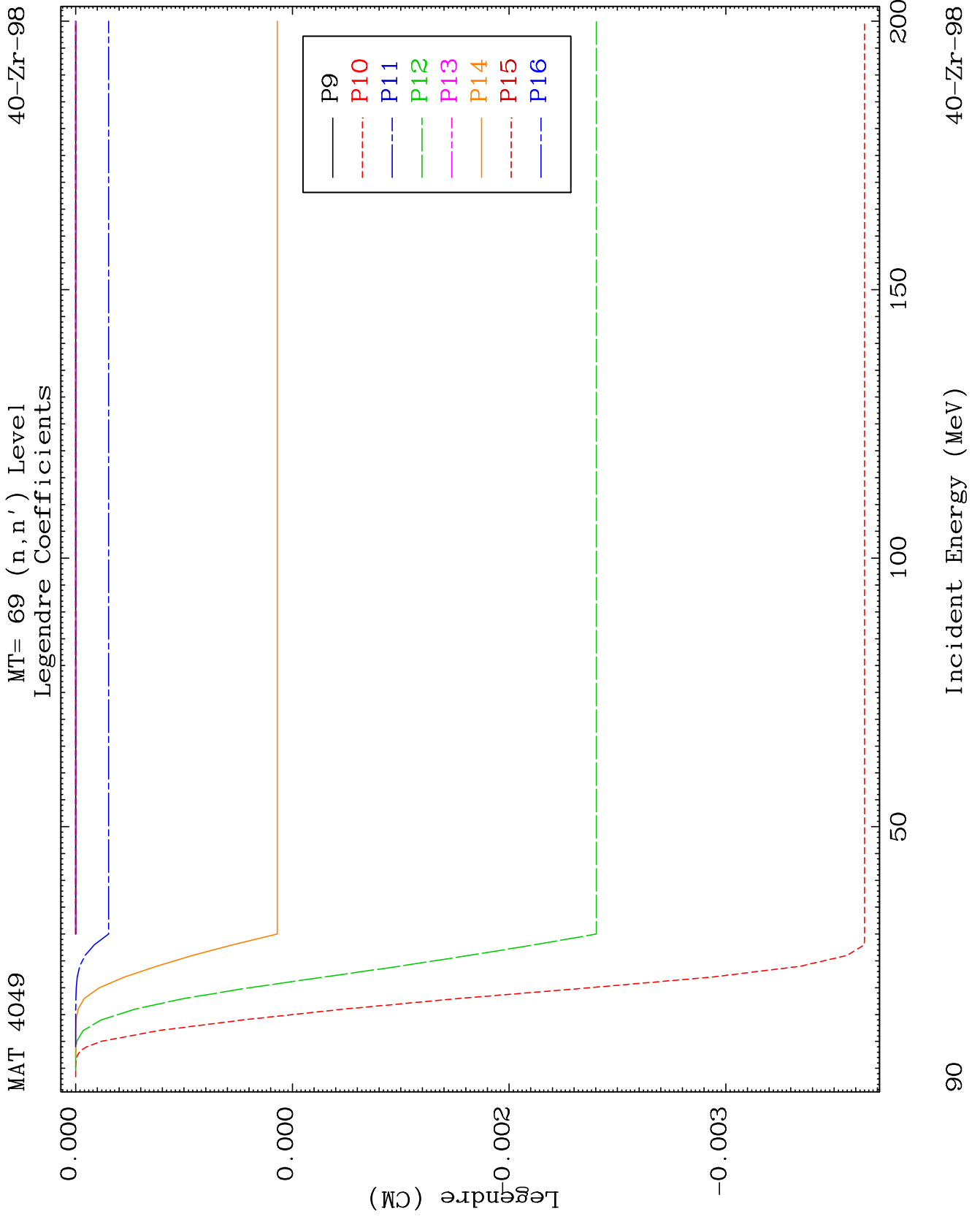
40-Zr-98

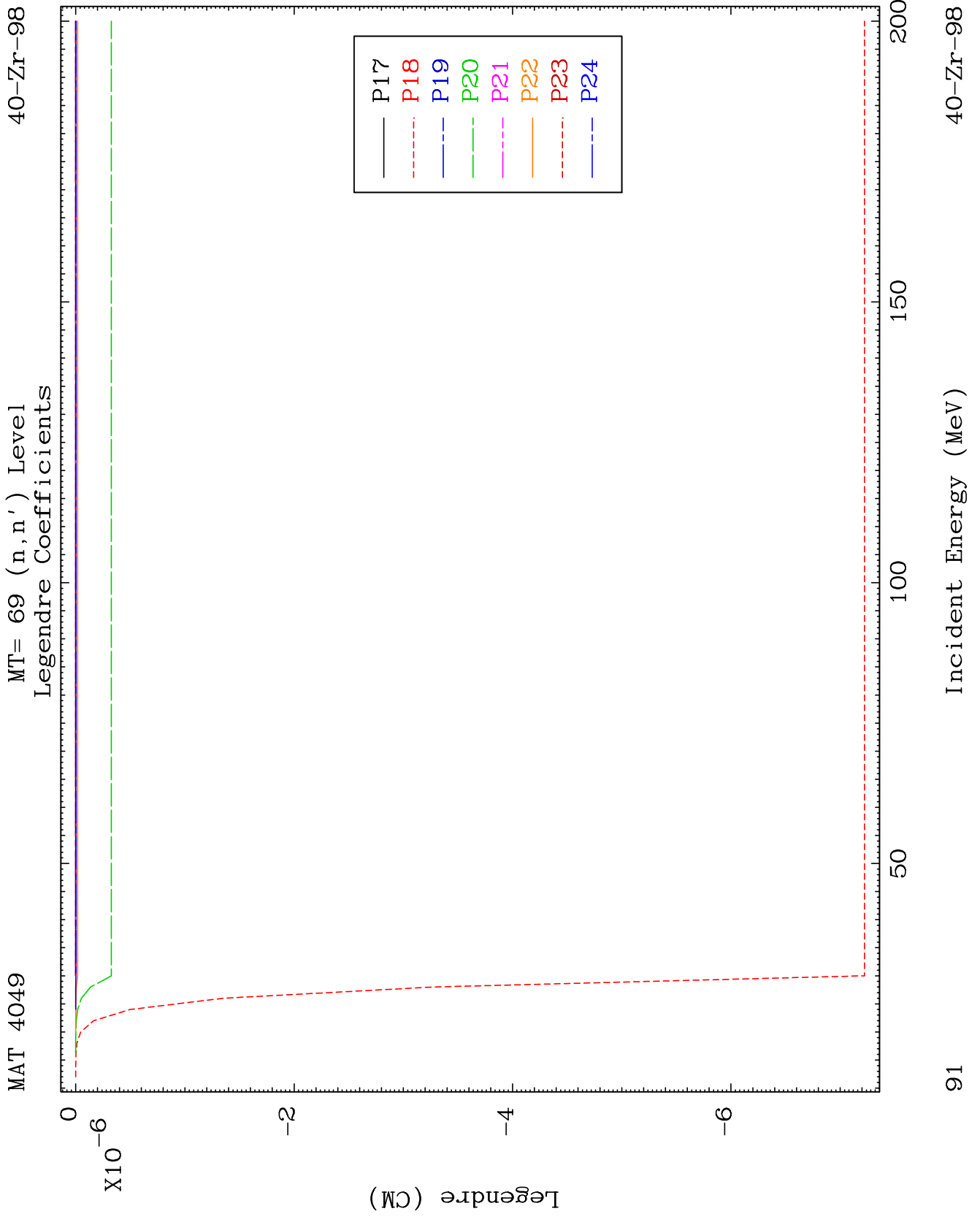








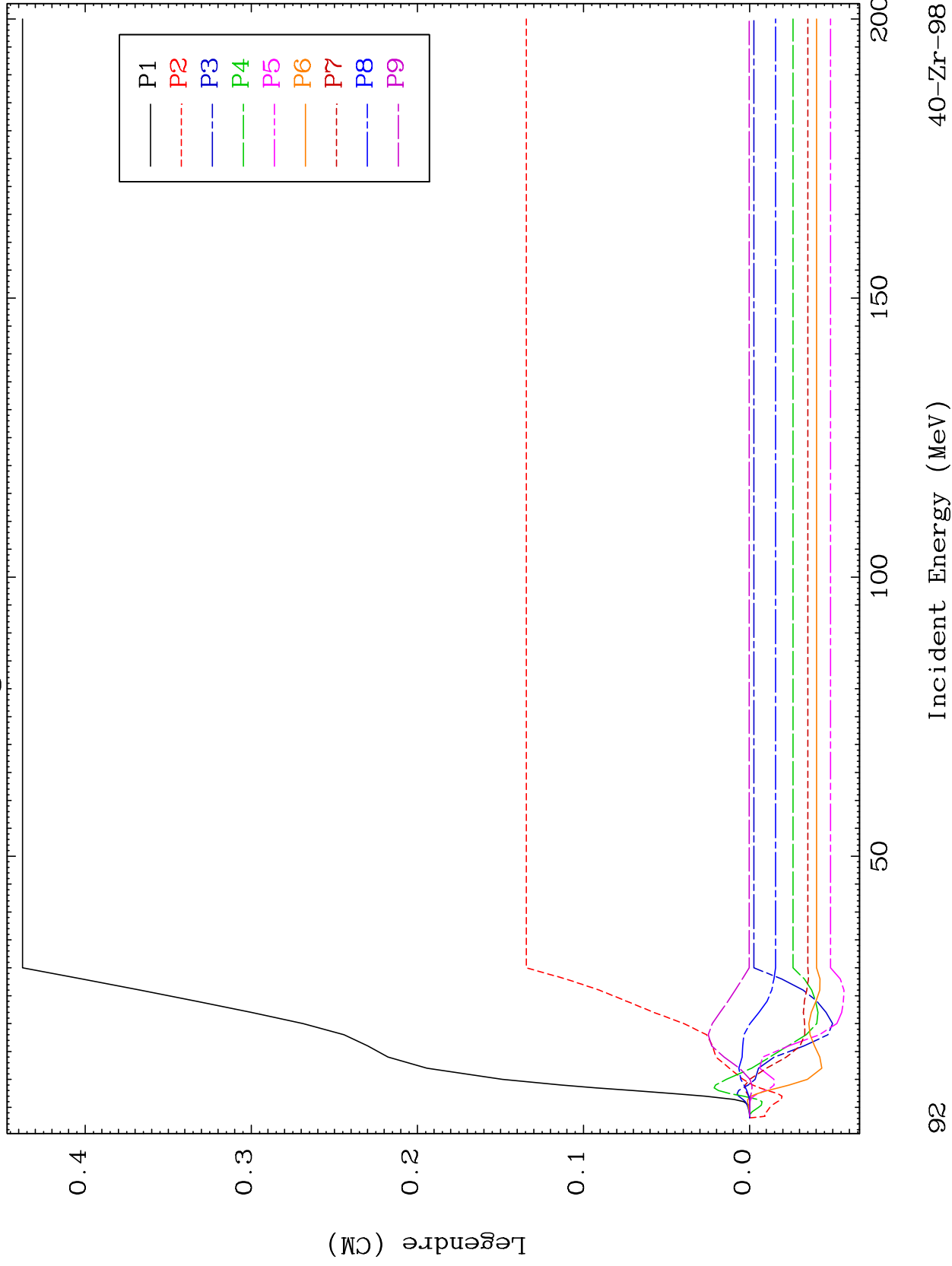




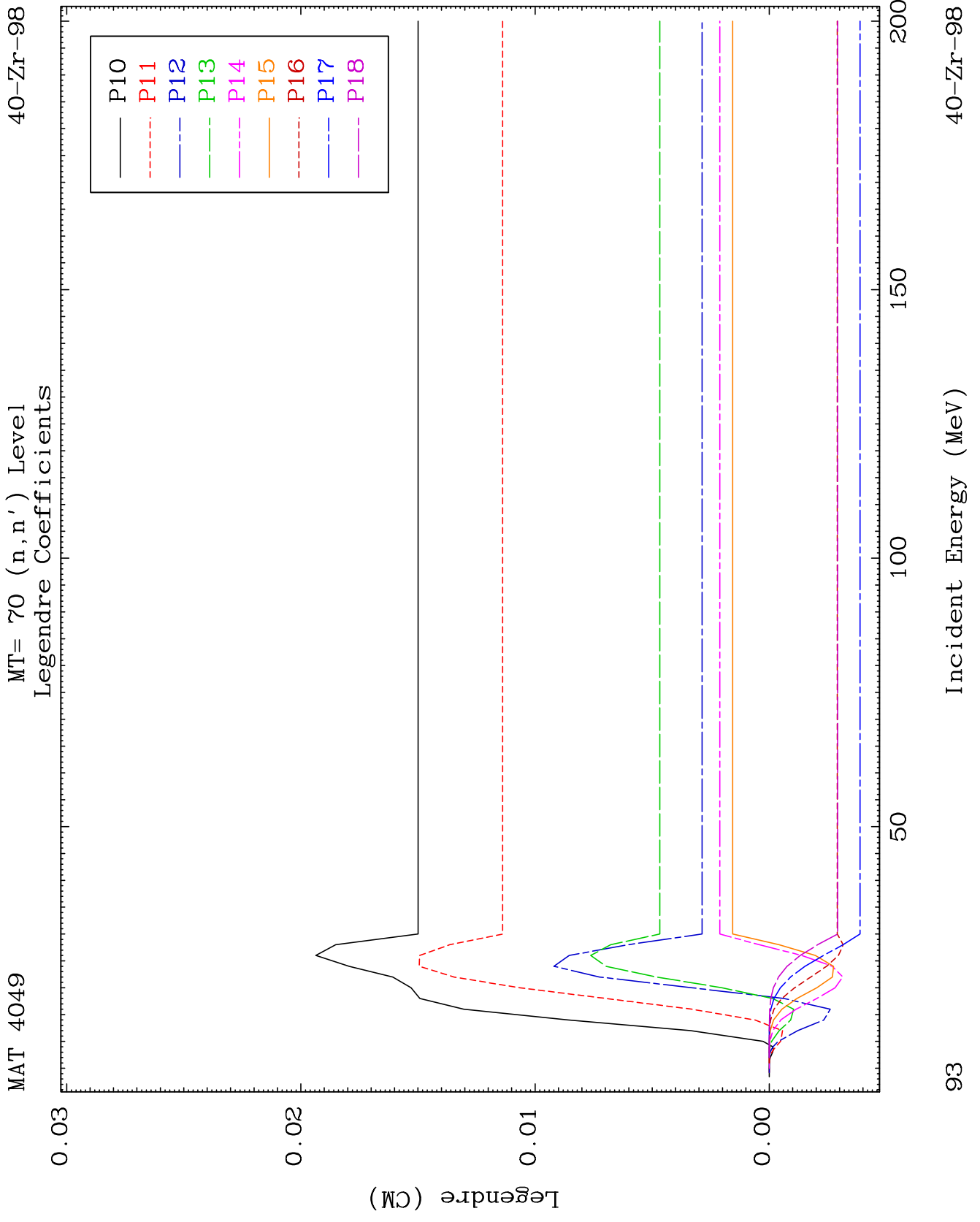
MAT 4049

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

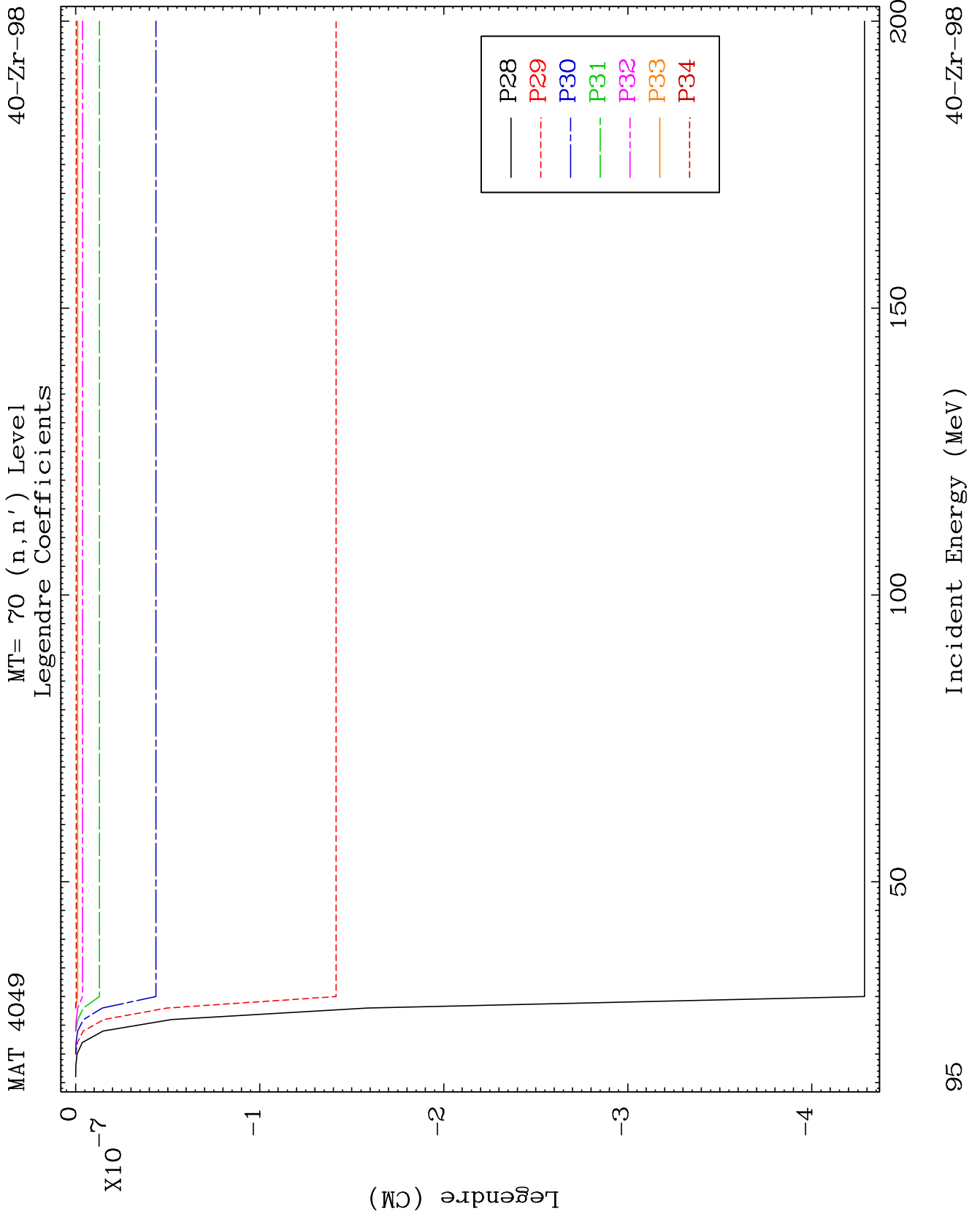
40-Zr-98



92





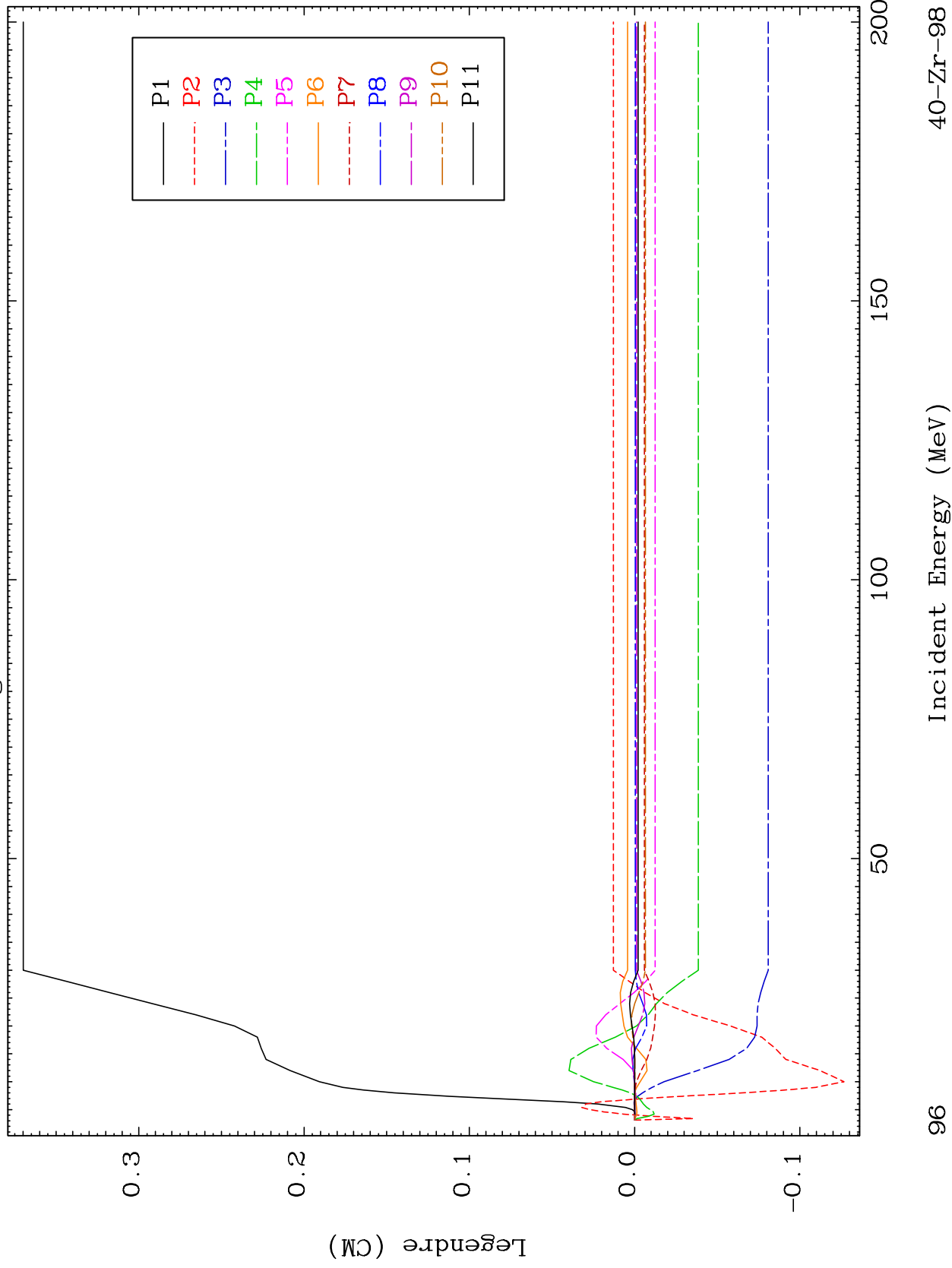




MAT 4049

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

40-Zr-98



96

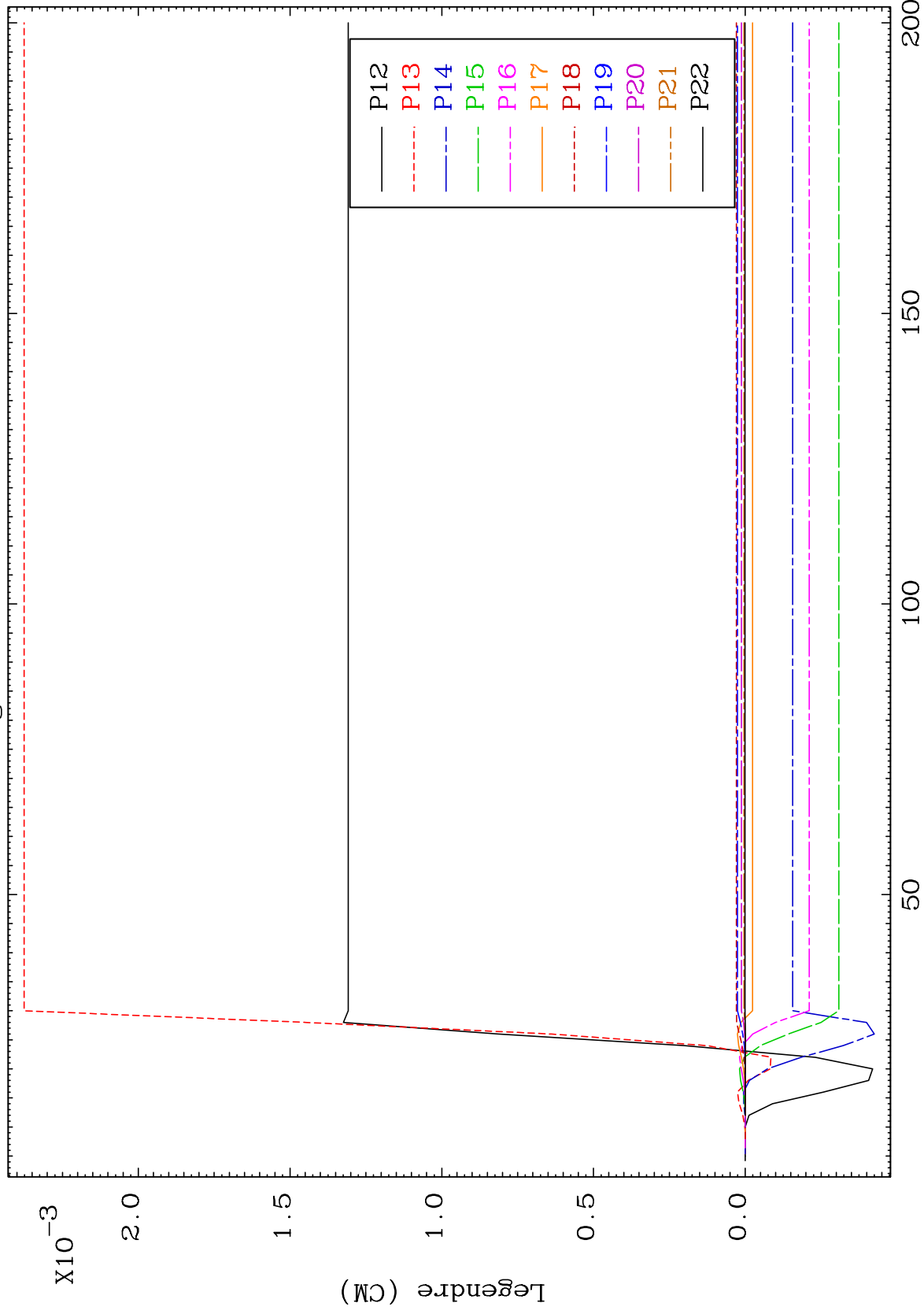
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

40-Zr-98



97

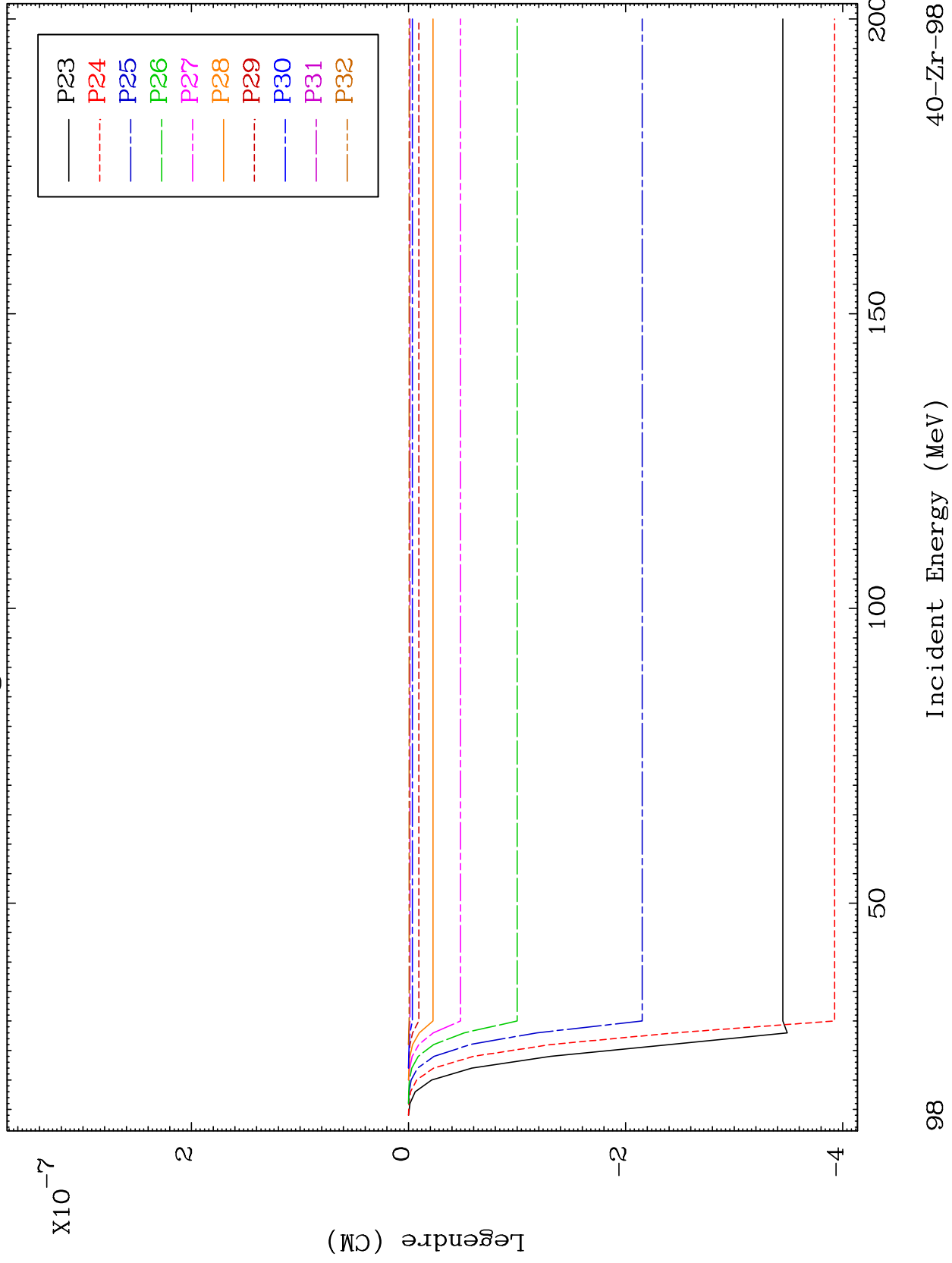
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

40-Zr-98

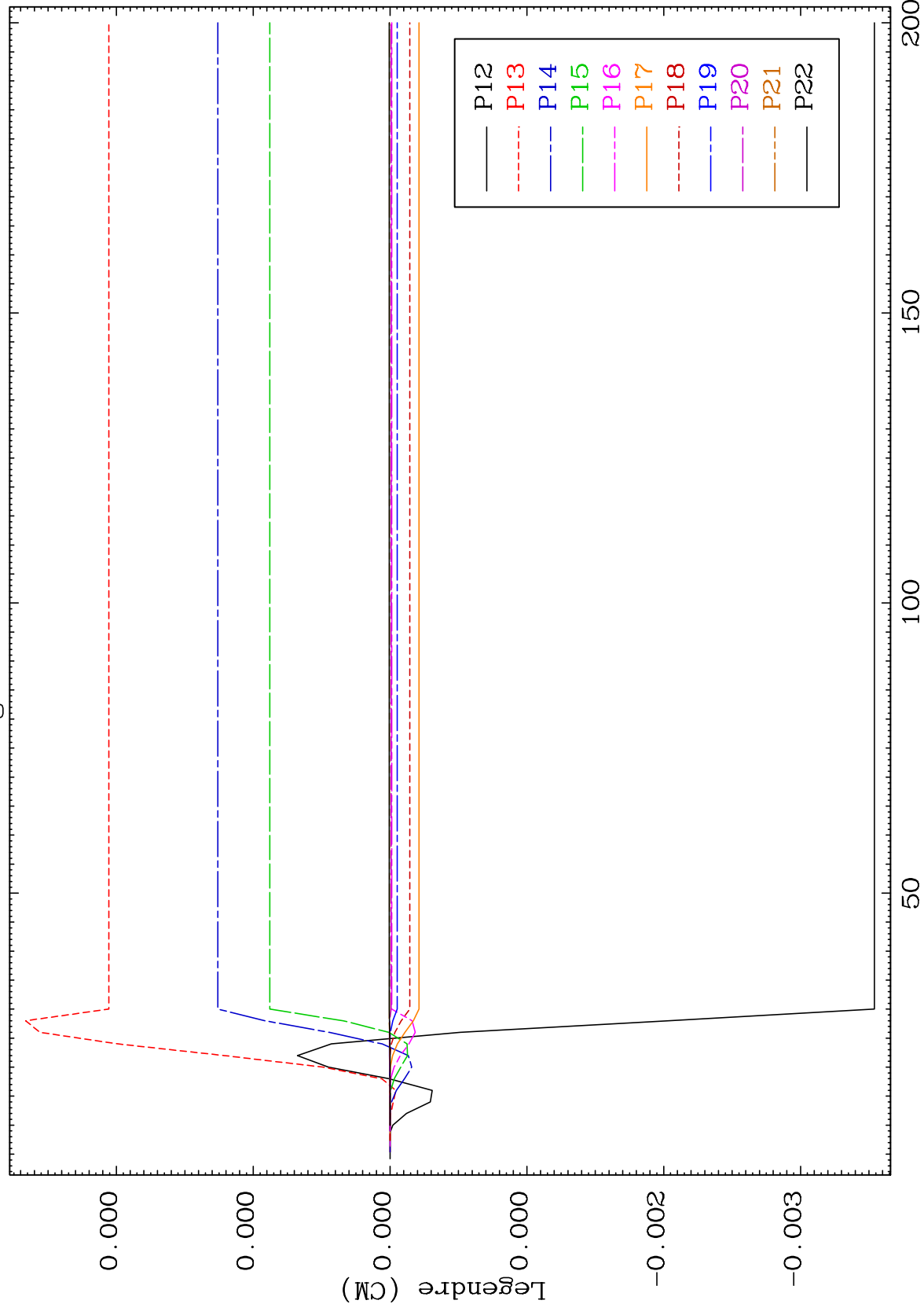




MAT 4049

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

40-Zr-98



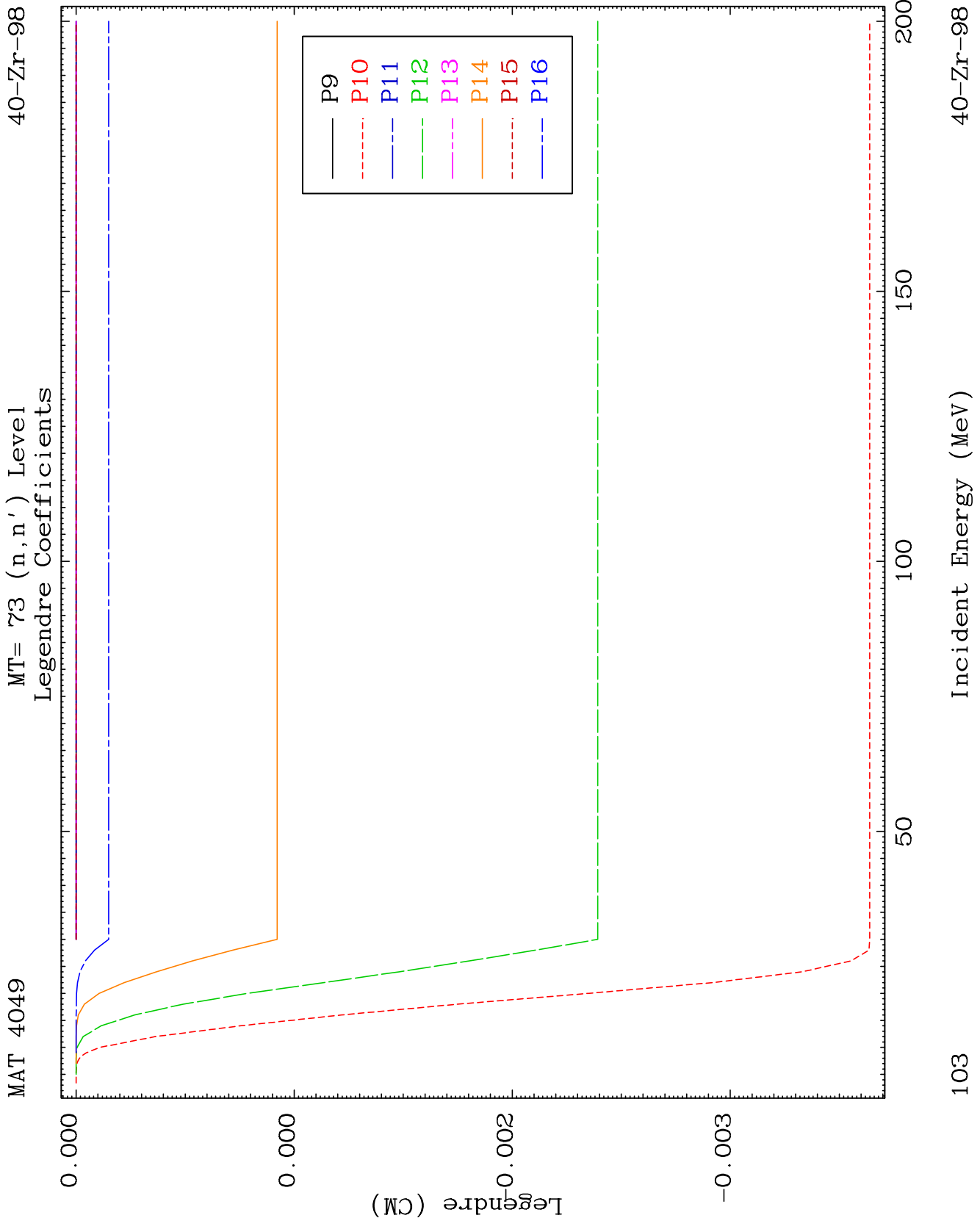
100

Incident Energy (MeV)

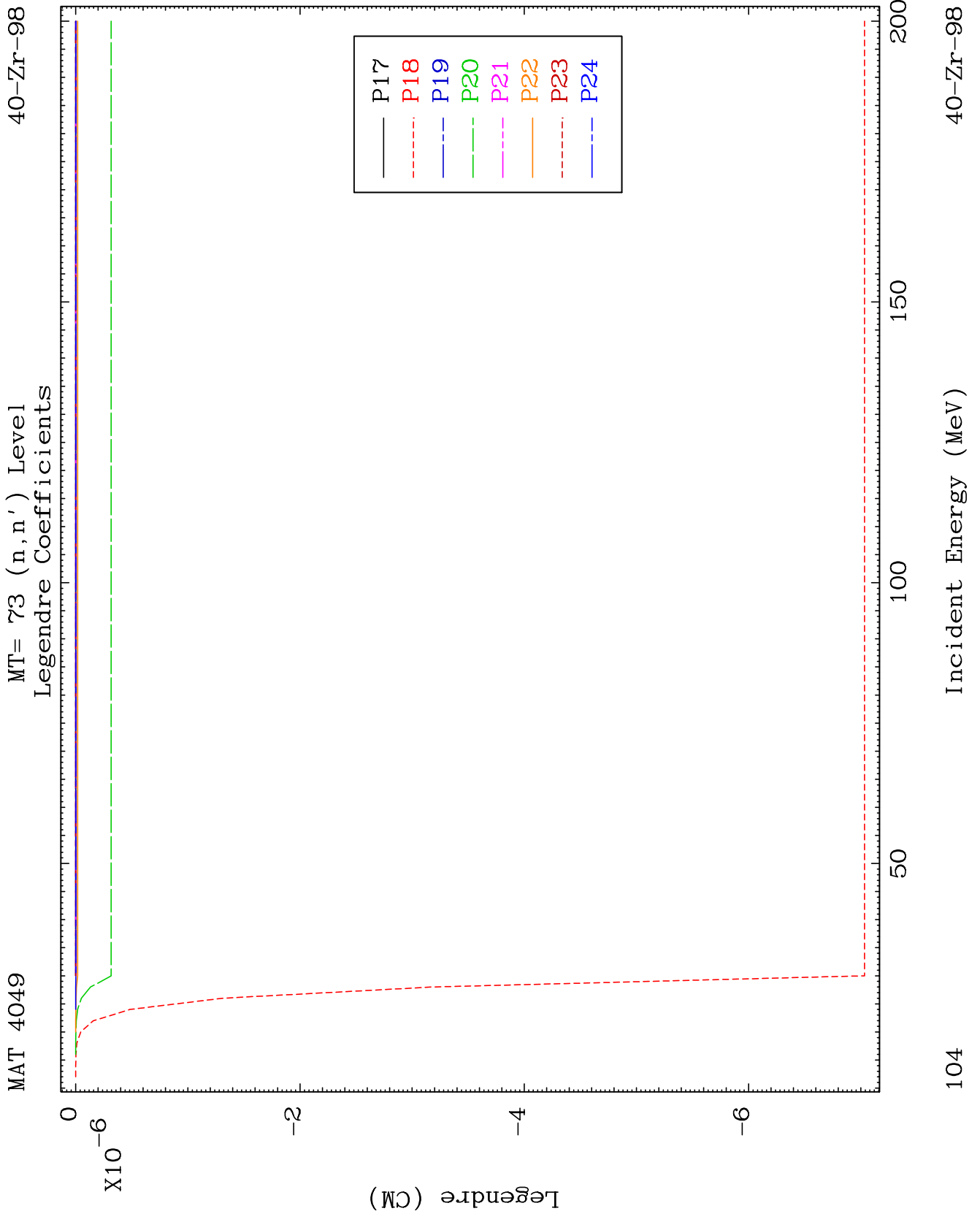
40-Zr-98



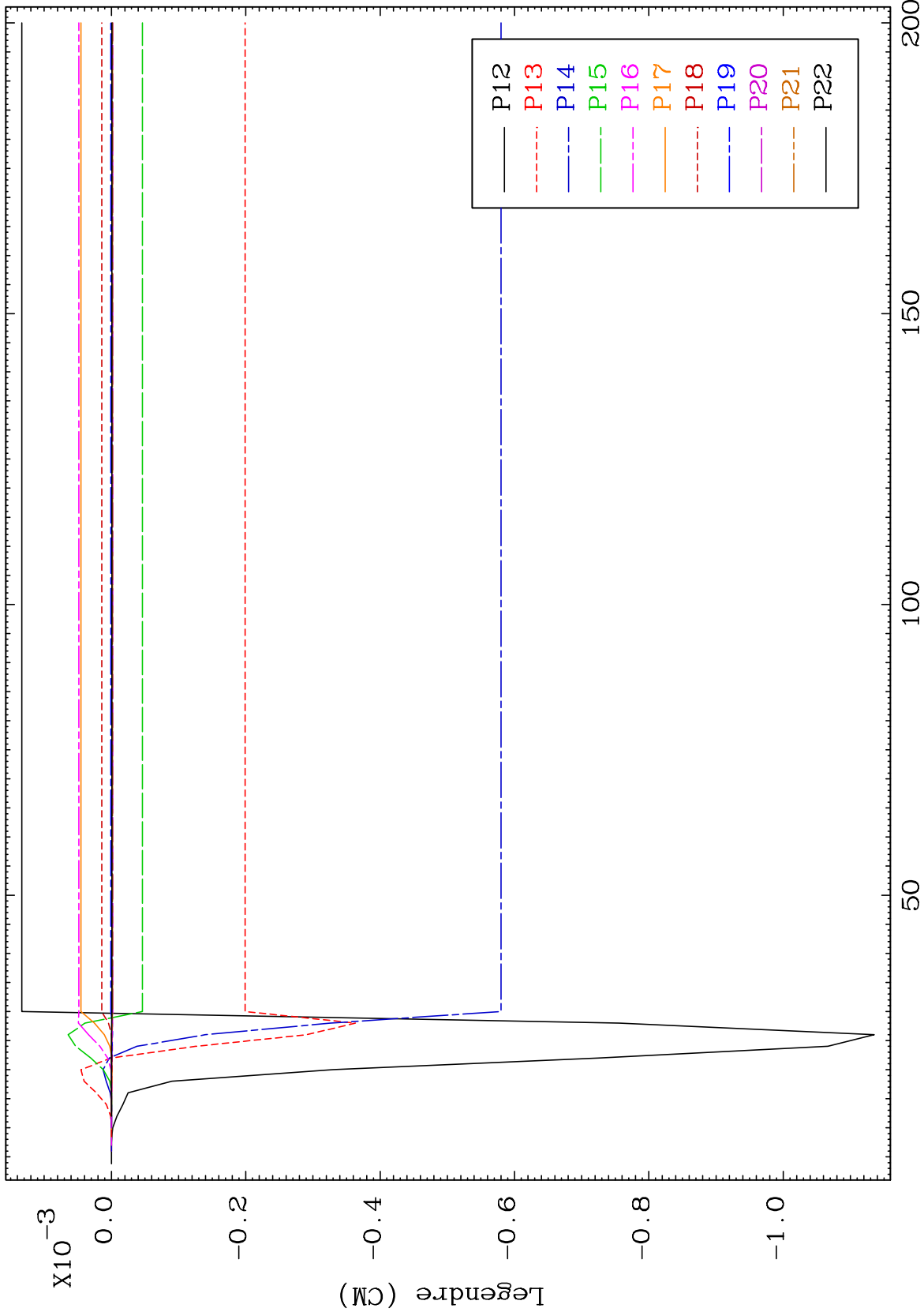


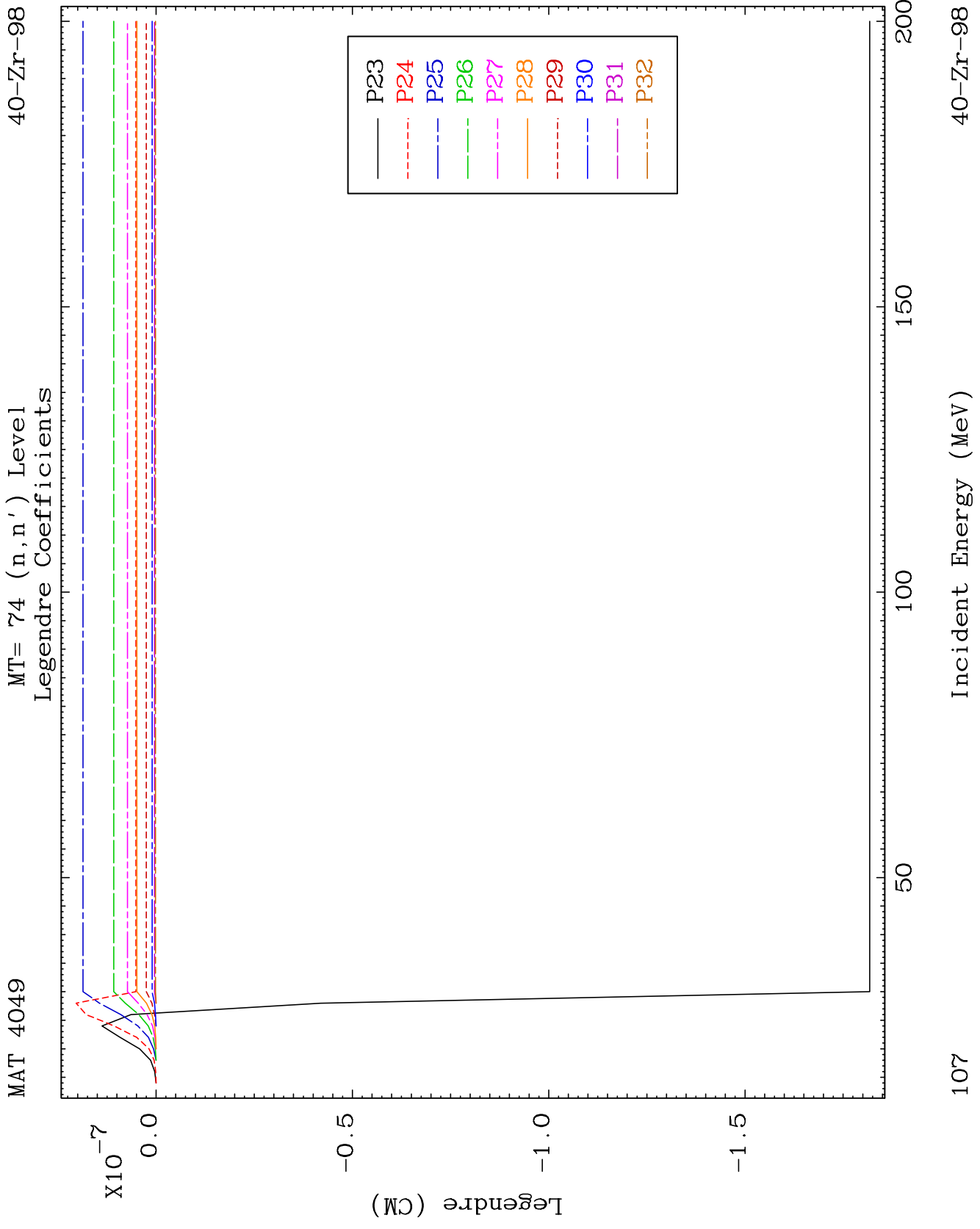








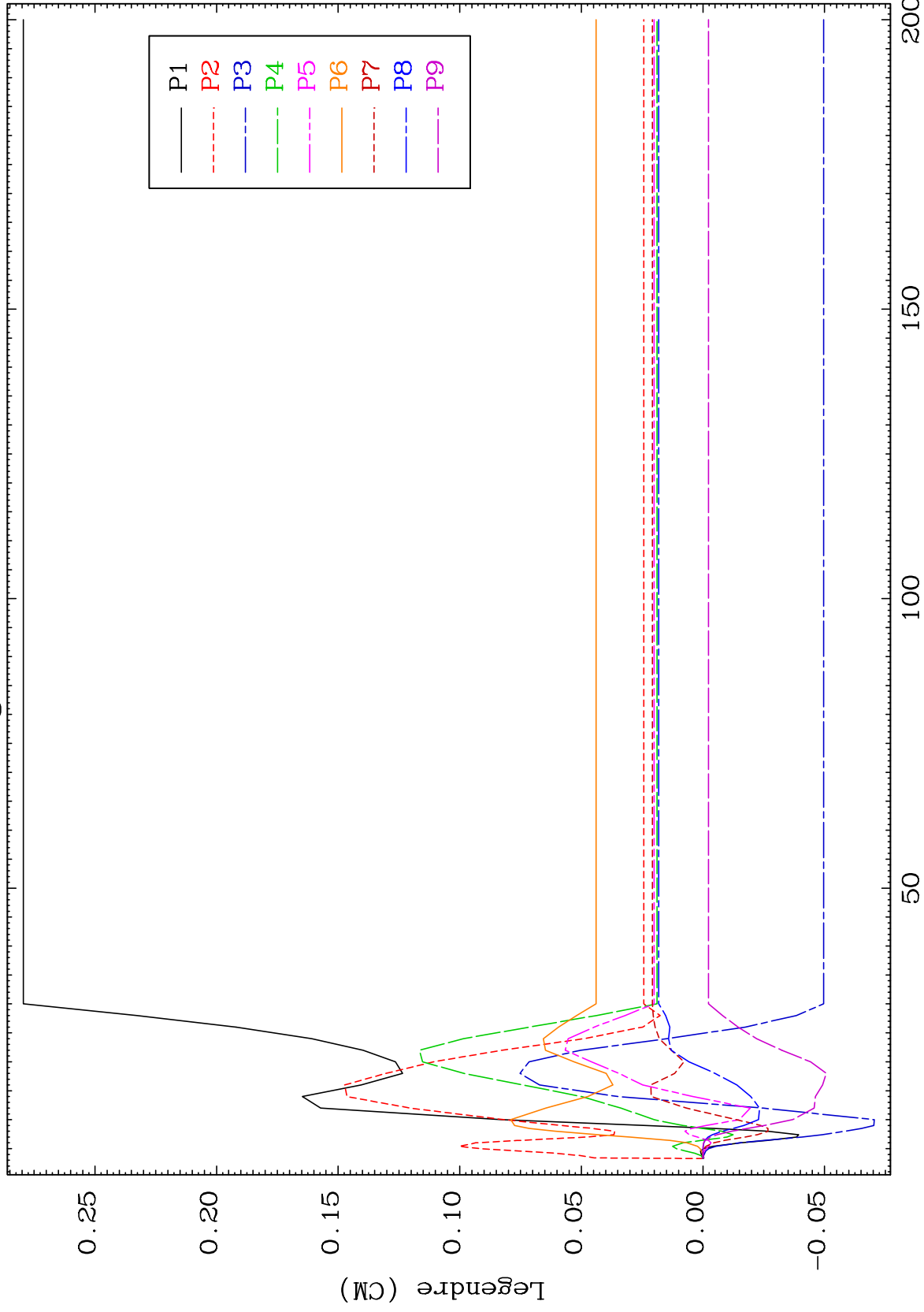




MAT 4049

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

40-Zr-98



108

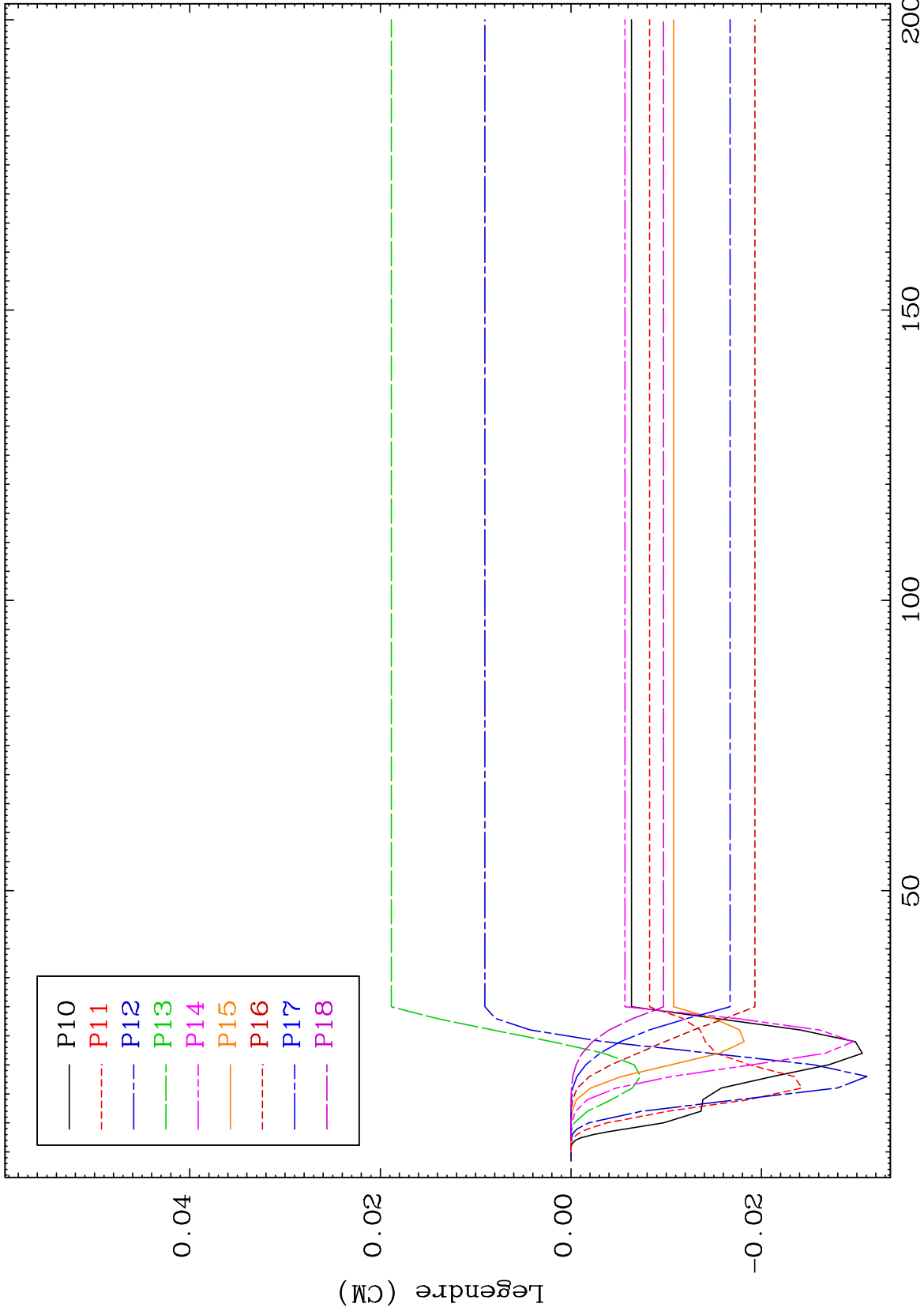
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

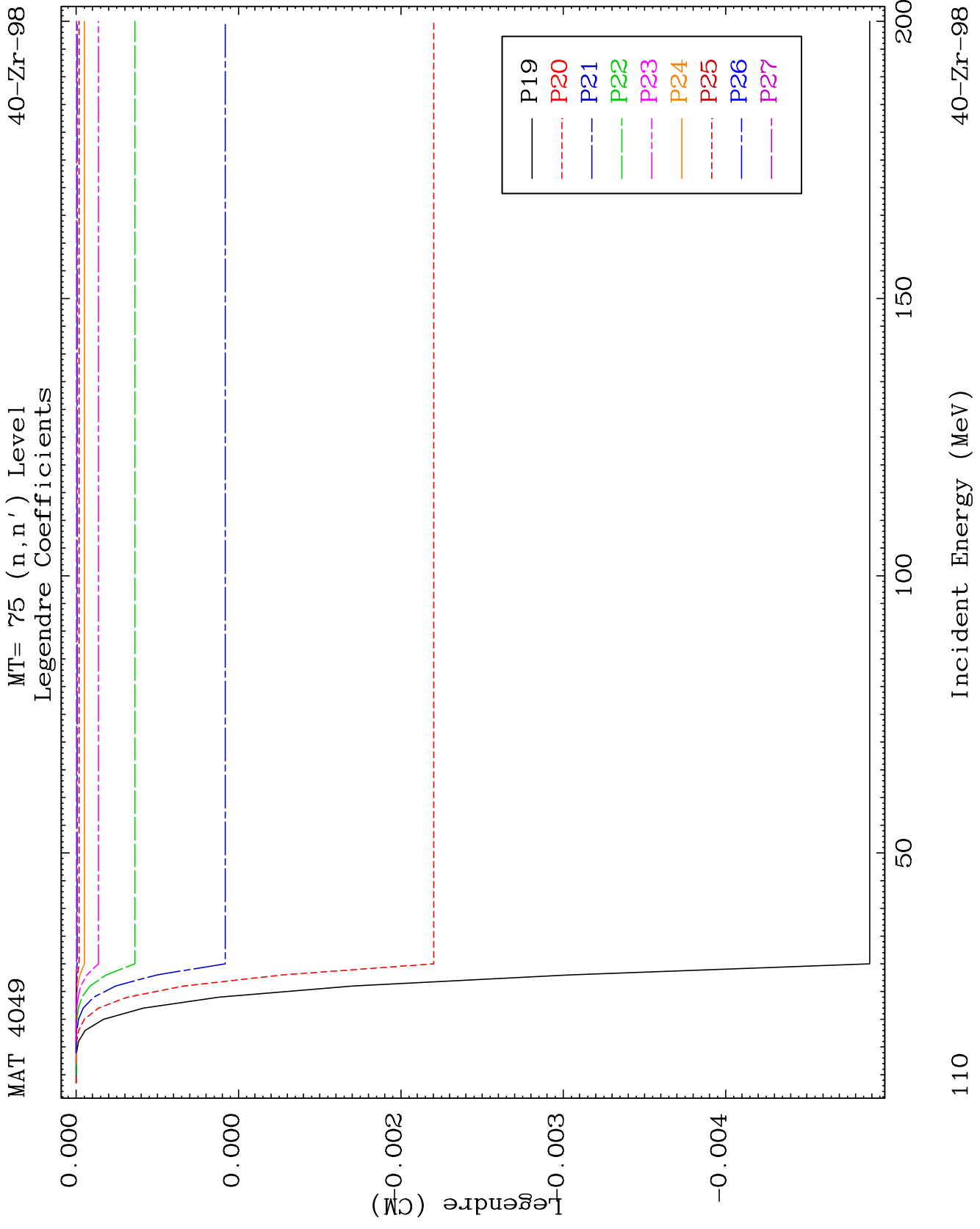
40-Zr-98

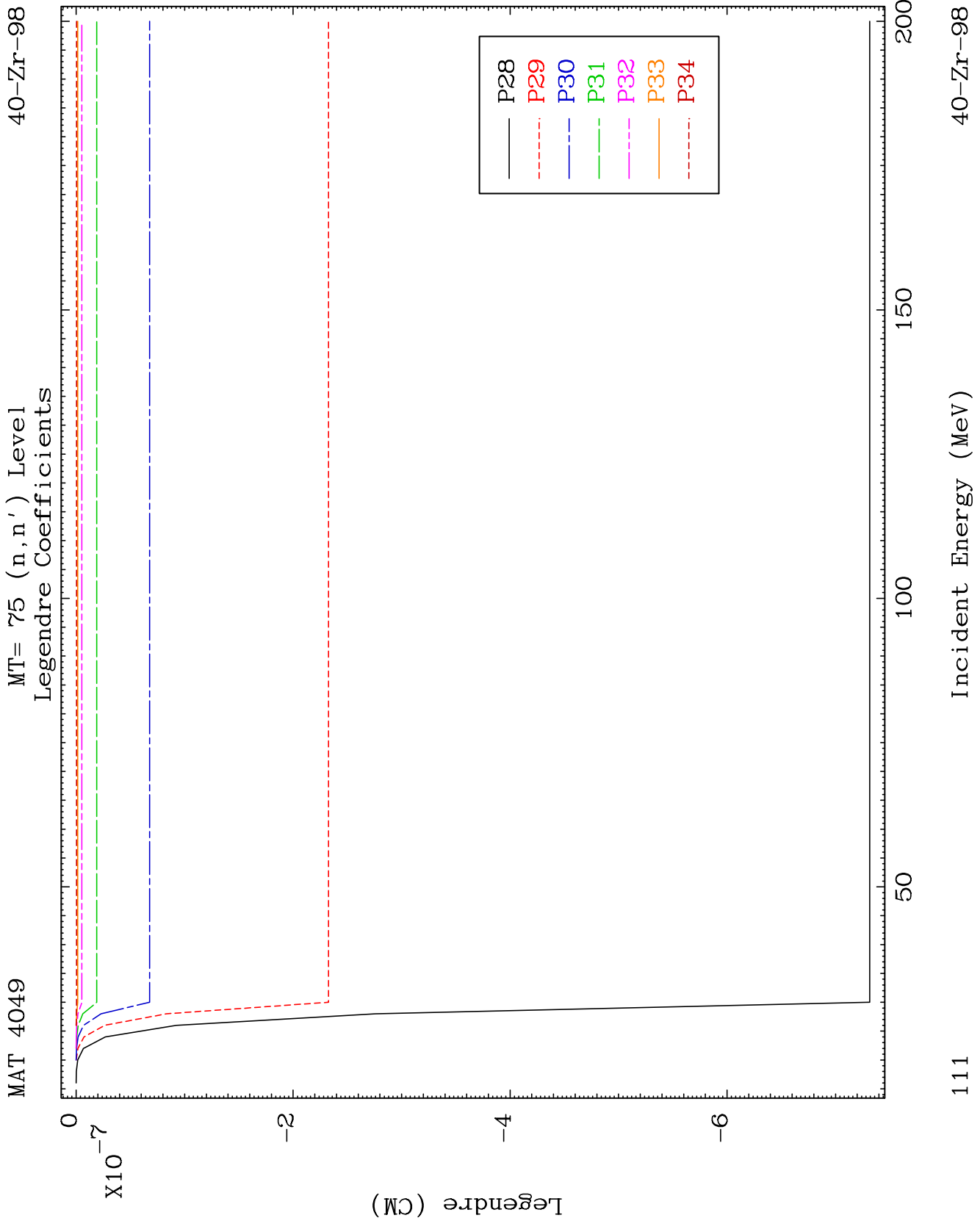


109

Incident Energy (MeV)

40-Zr-98



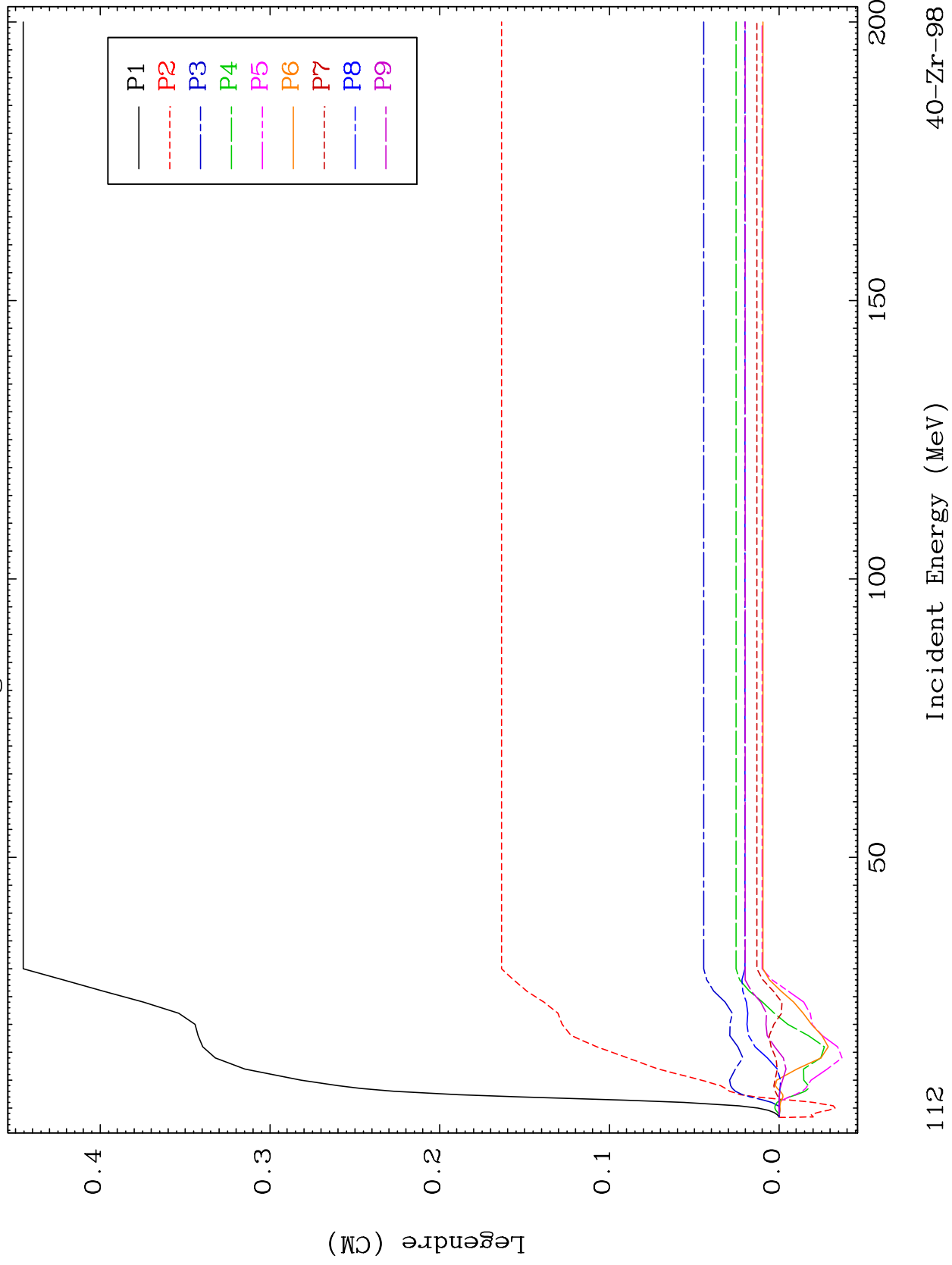




MAT 4049

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

40-Zr-98



112

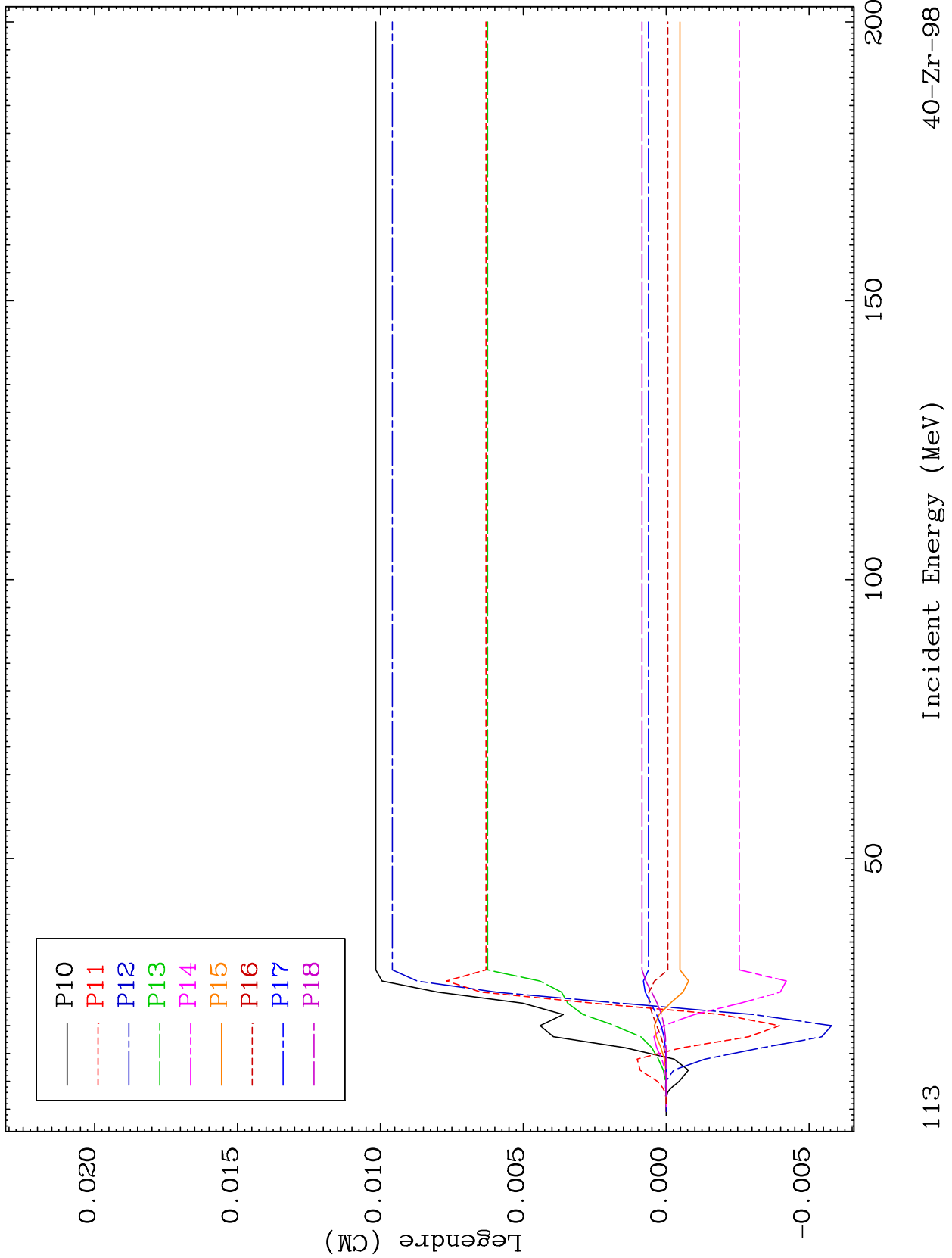
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

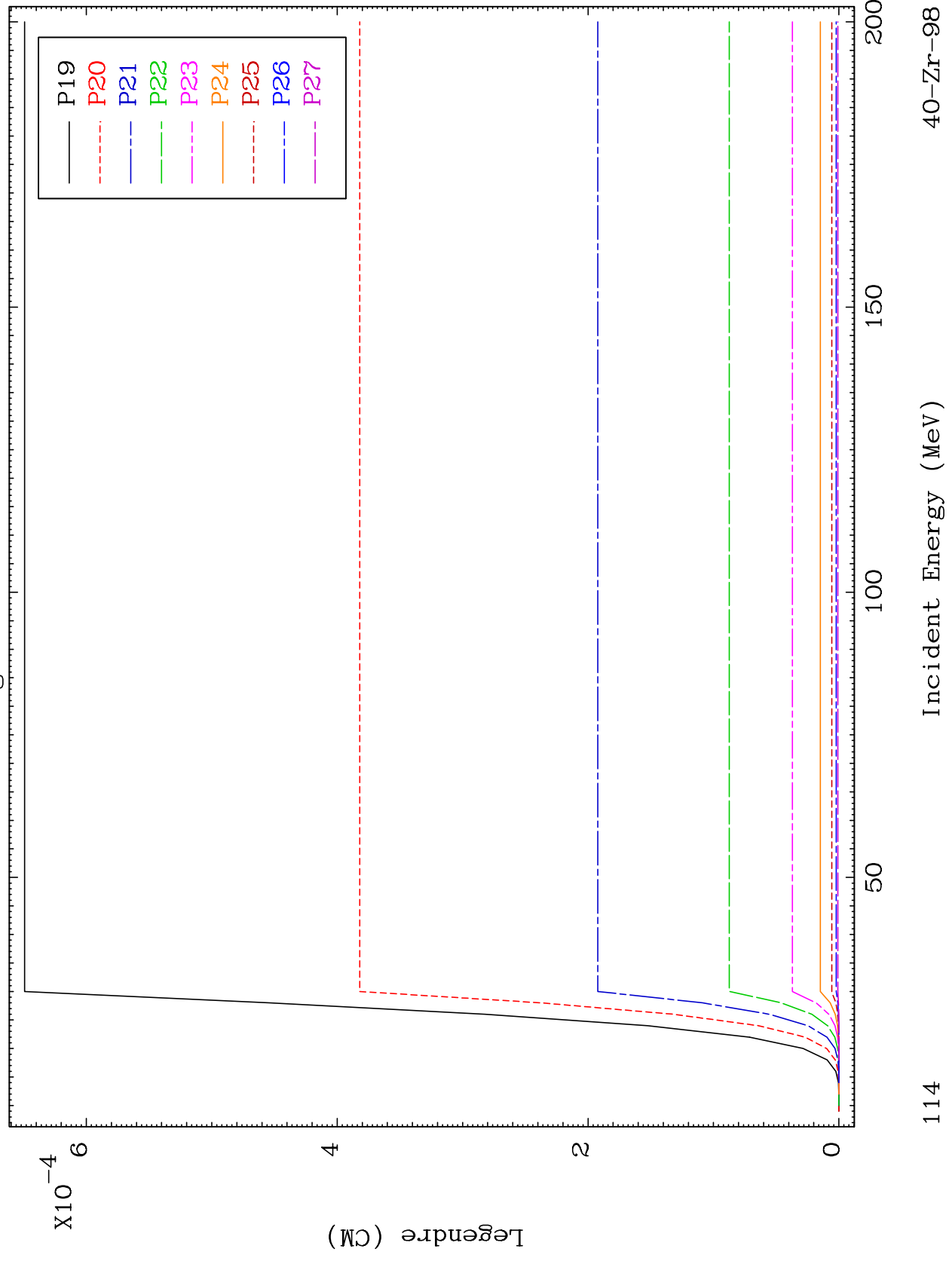
40-Zr-98



MAT 4049

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

40-Zr-98



114

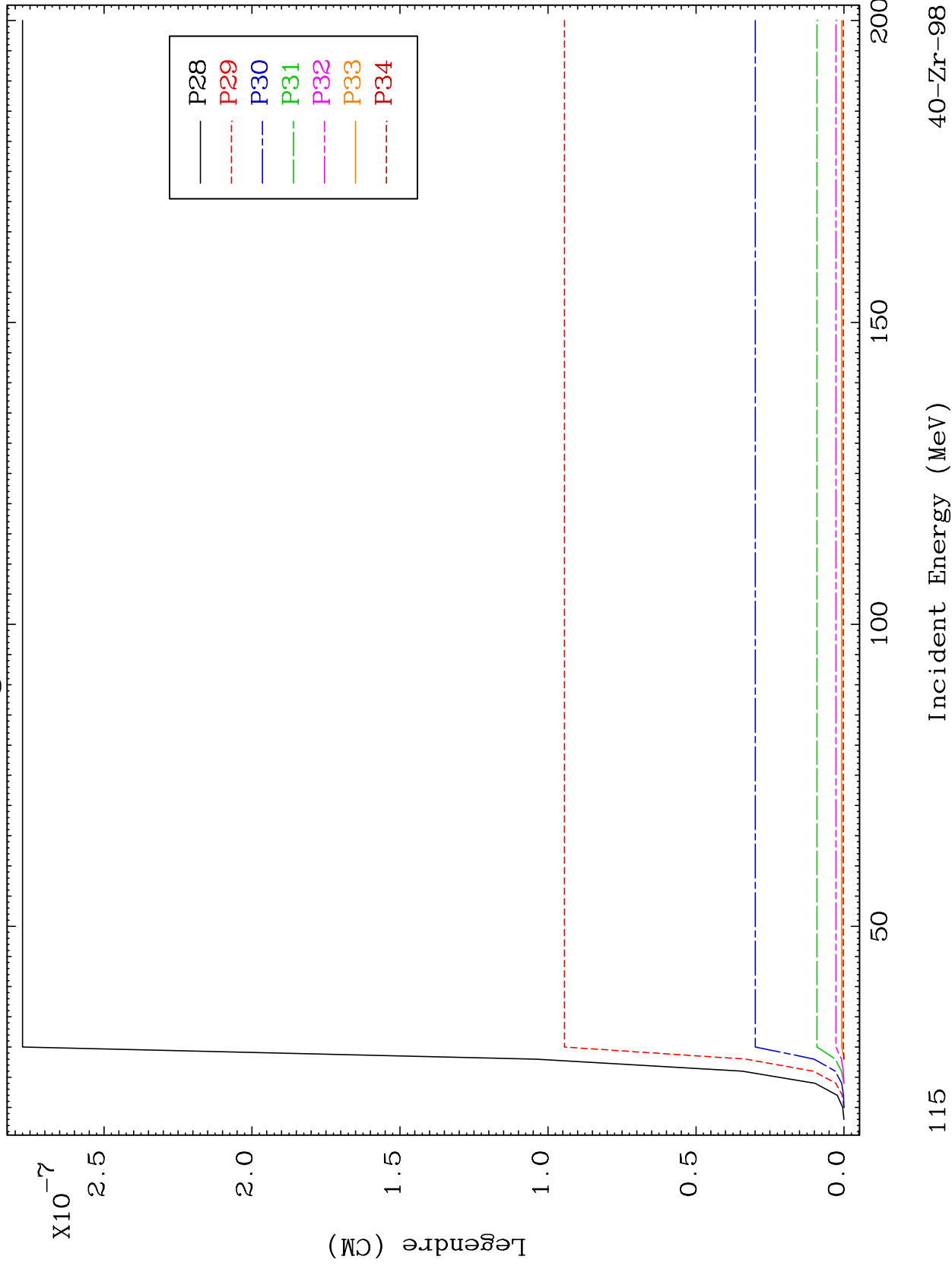
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

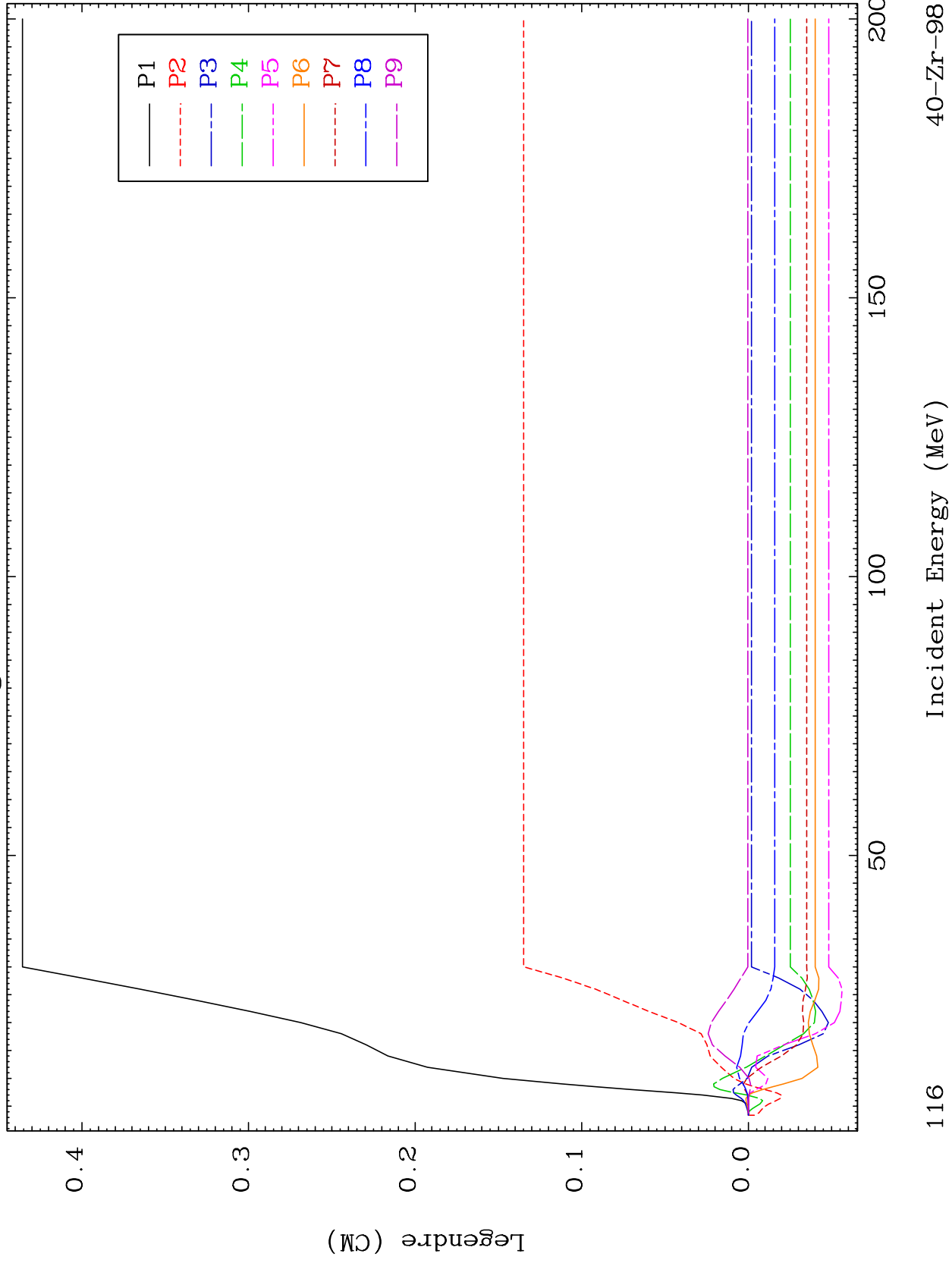
40-Zr-98



MAT 4049

MT= 77 (n,n') Level  
Legendre Coefficients

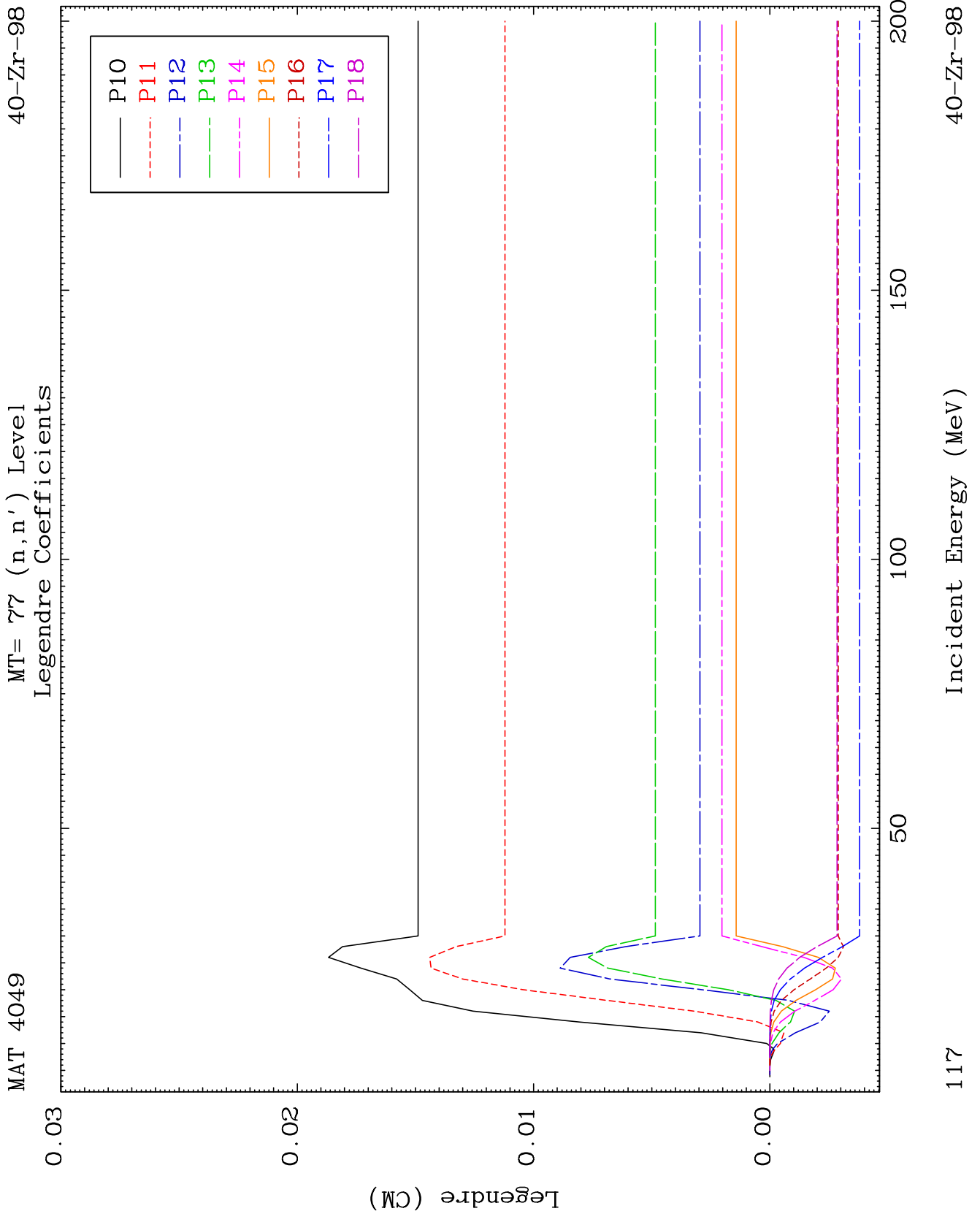
40-Zr-98

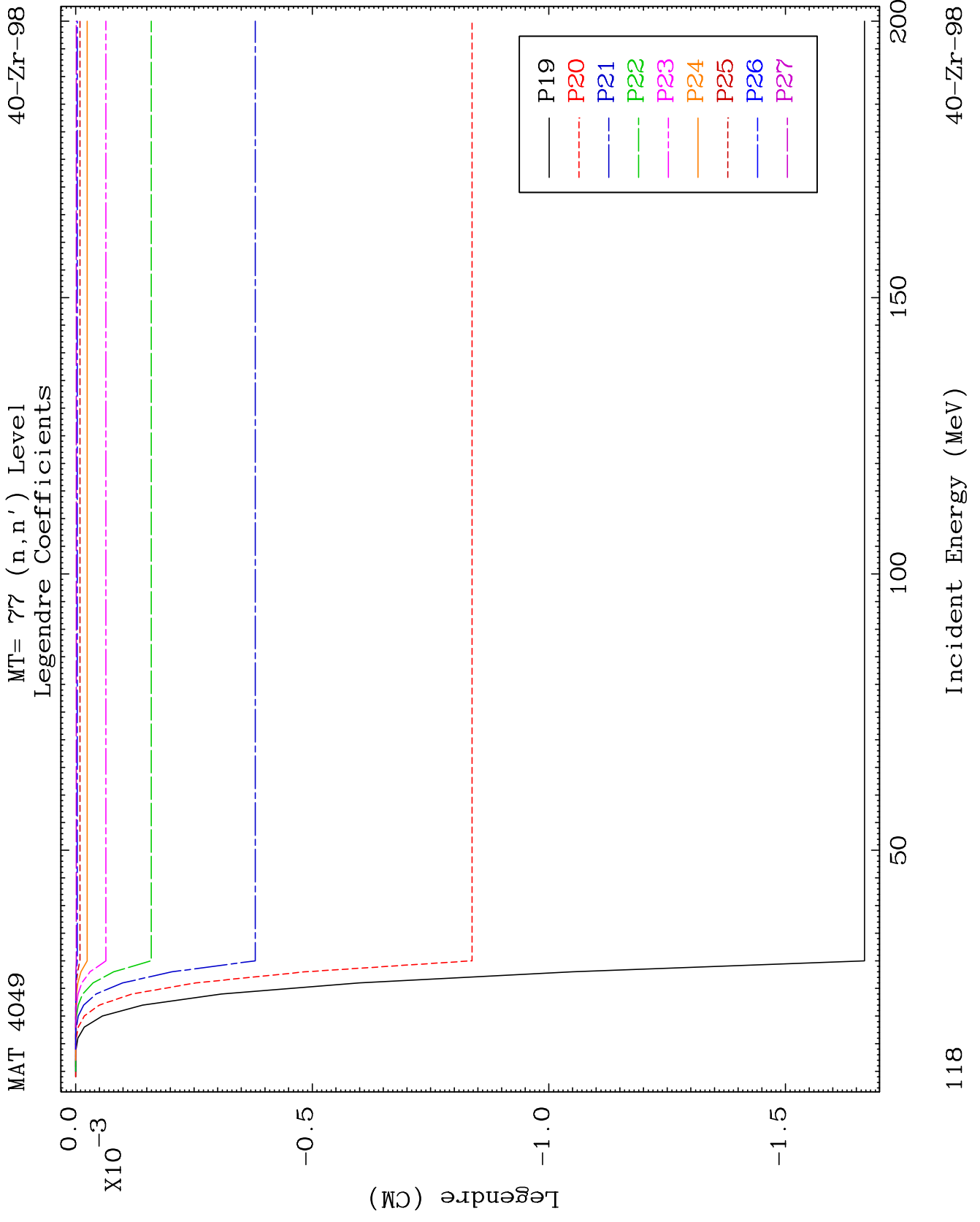


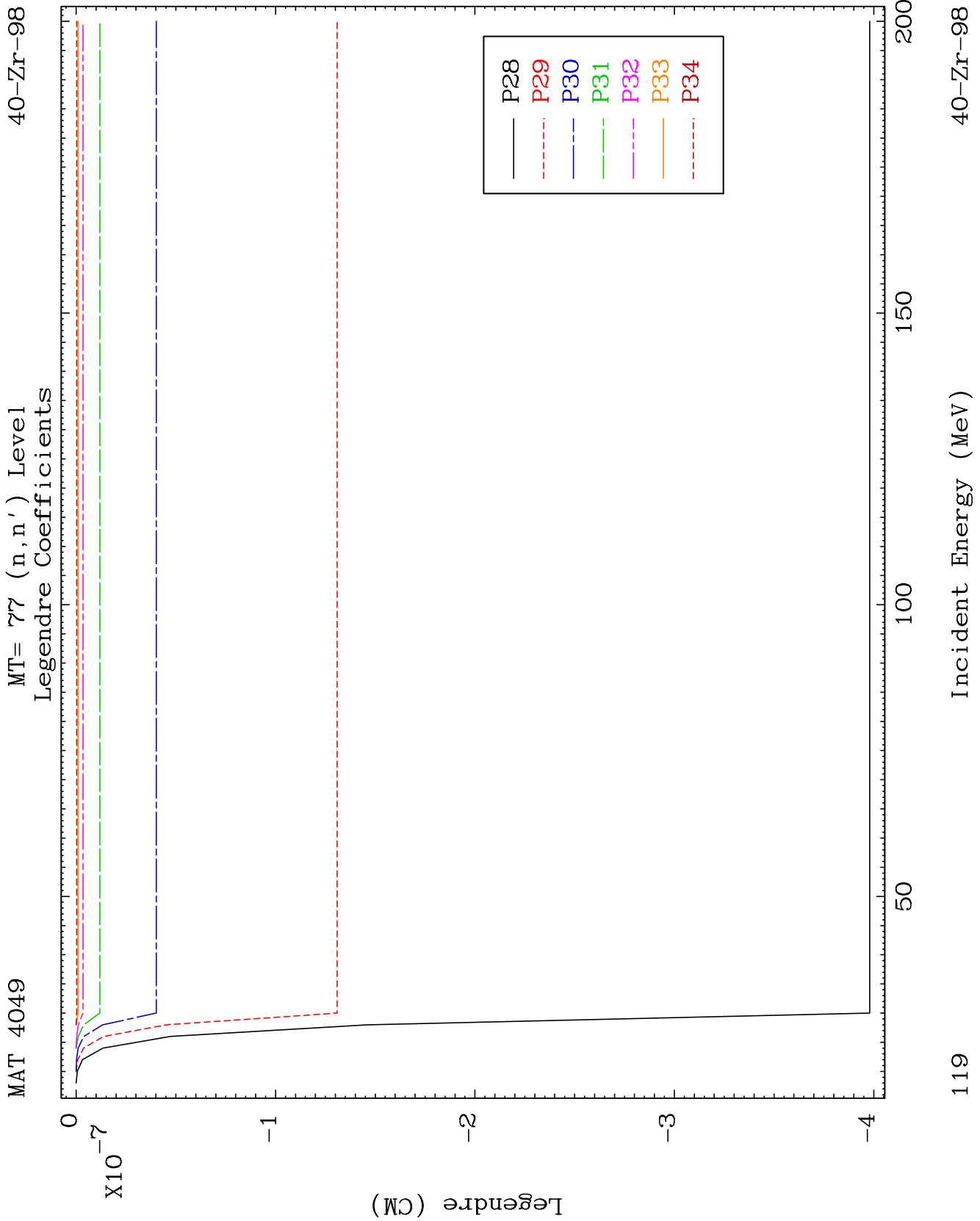
116

Incident Energy (MeV)

40-Zr-98









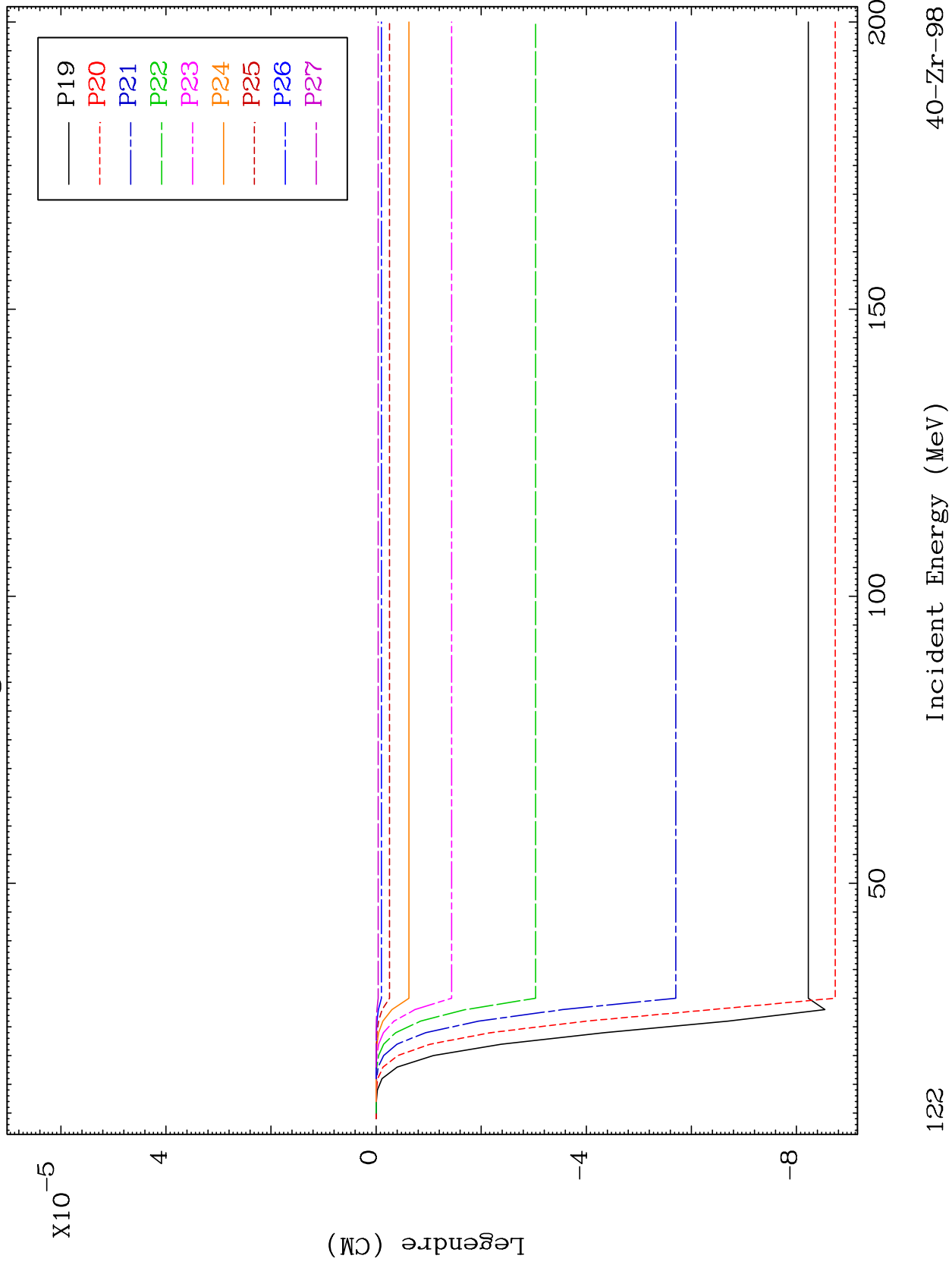




MAT 4049

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

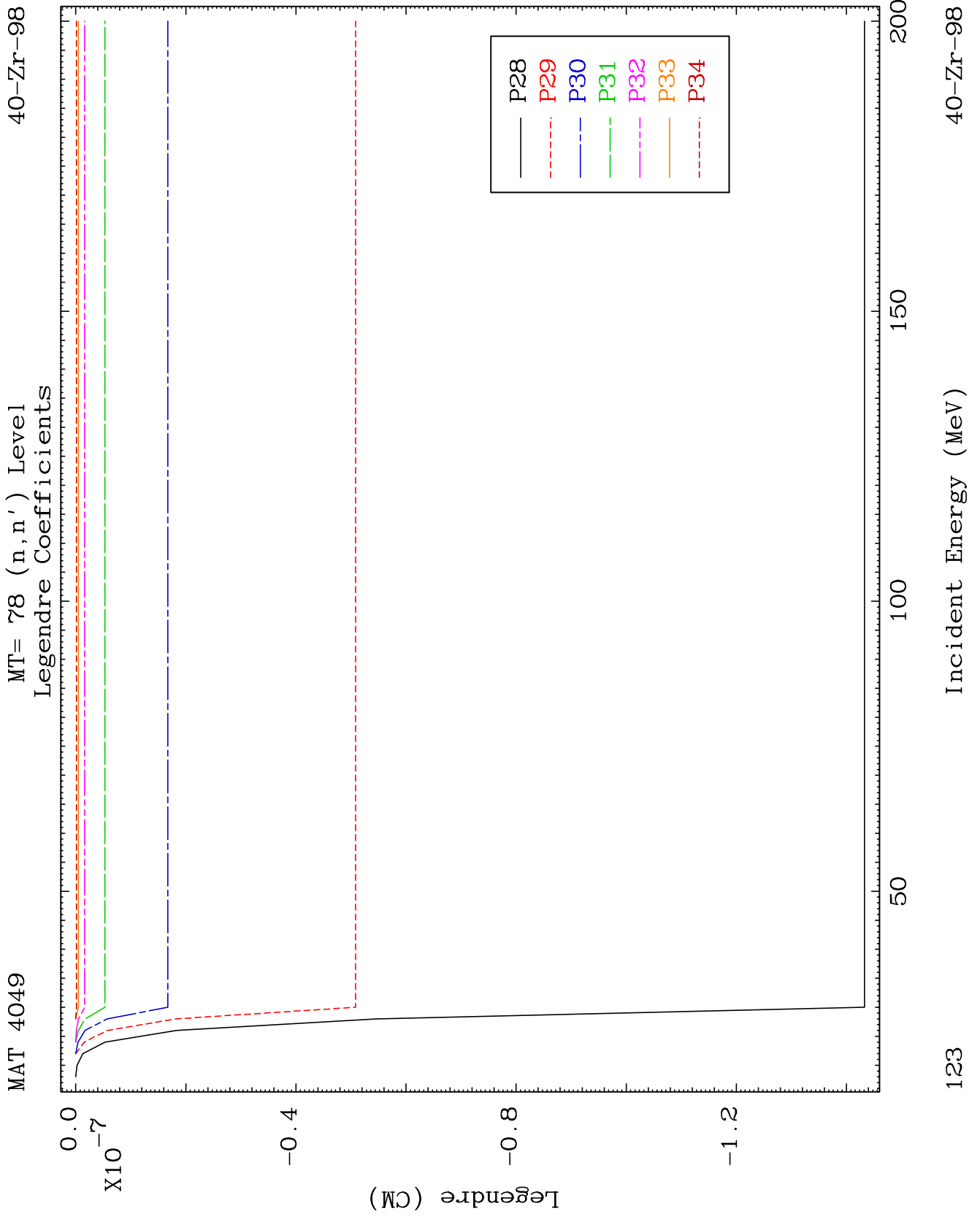
40-Zr-98



122

Incident Energy (MeV)

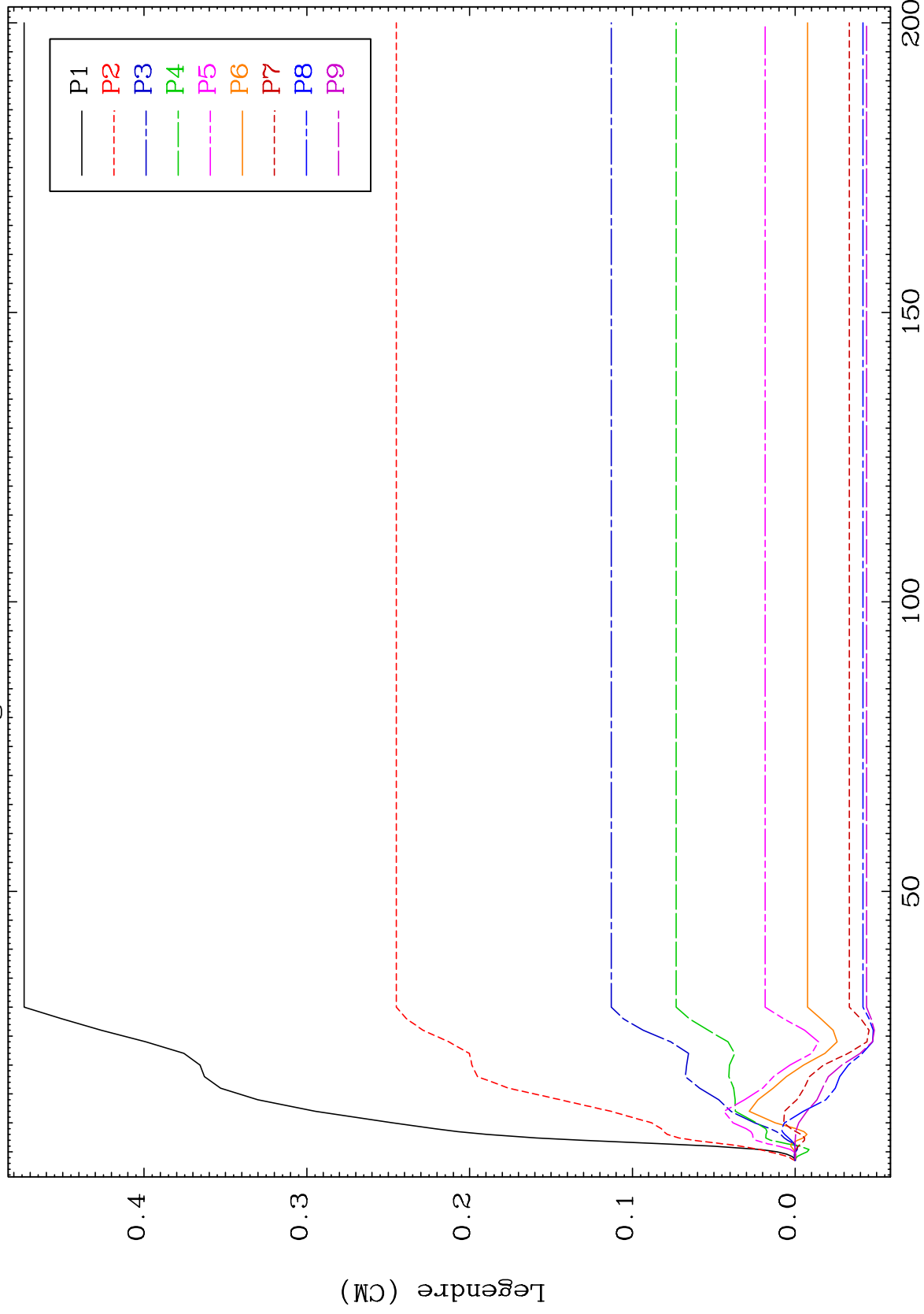
40-Zr-98



MAT 4049

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

40-Zr-98



124

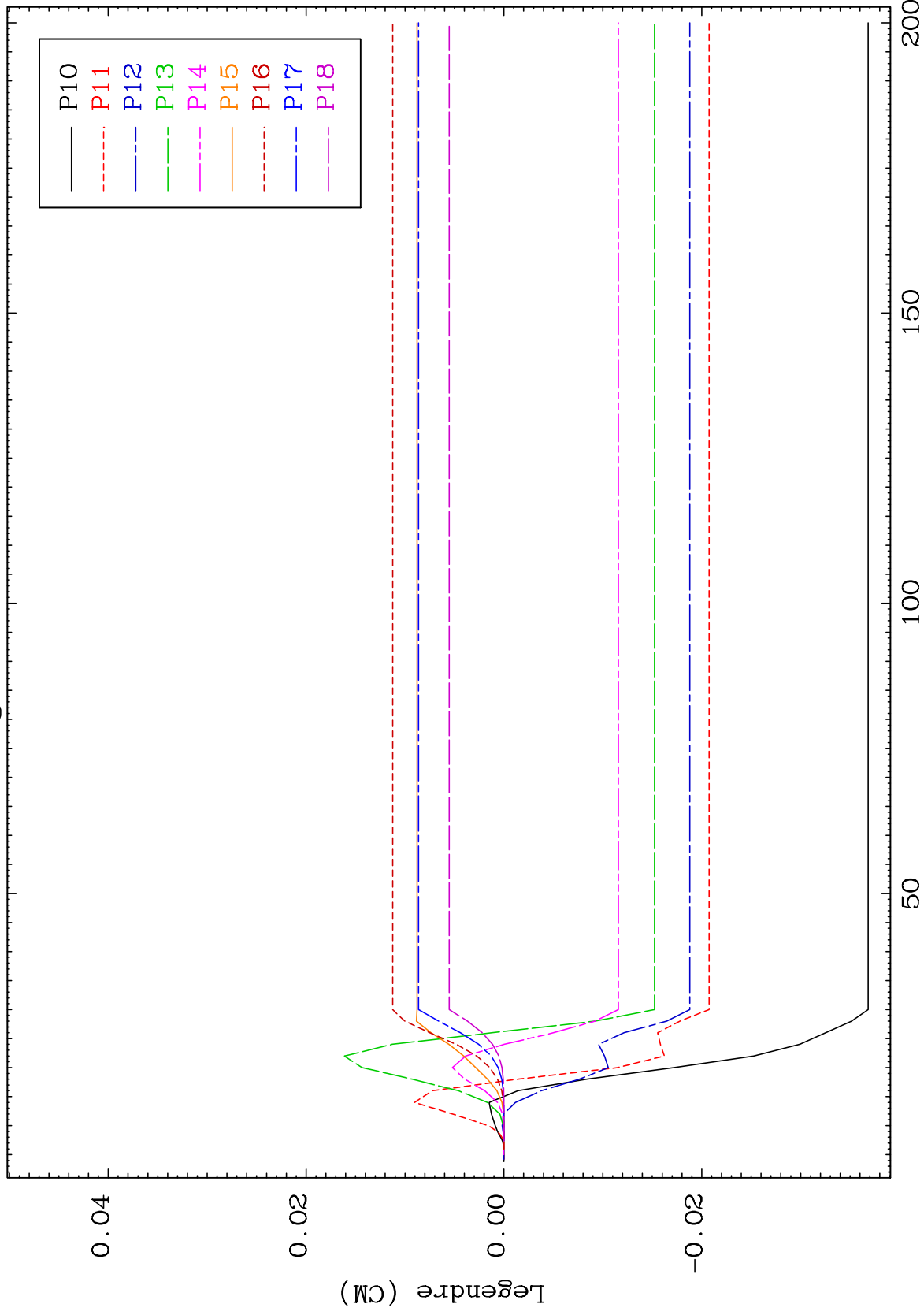
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

40-Zr-98



125

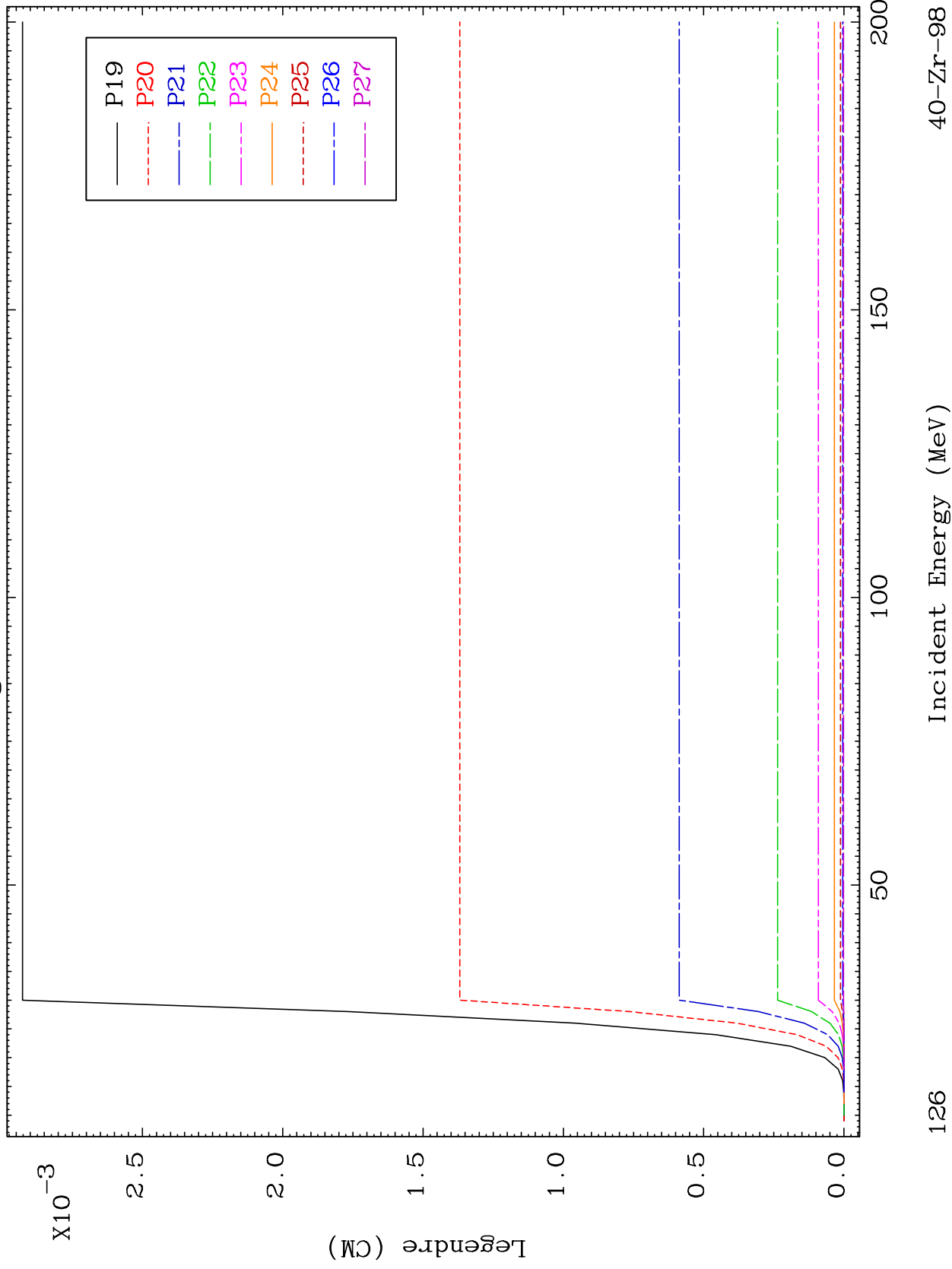
Incident Energy (MeV)

40-Zr-98

MAT 4049

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

40-Zr-98



126

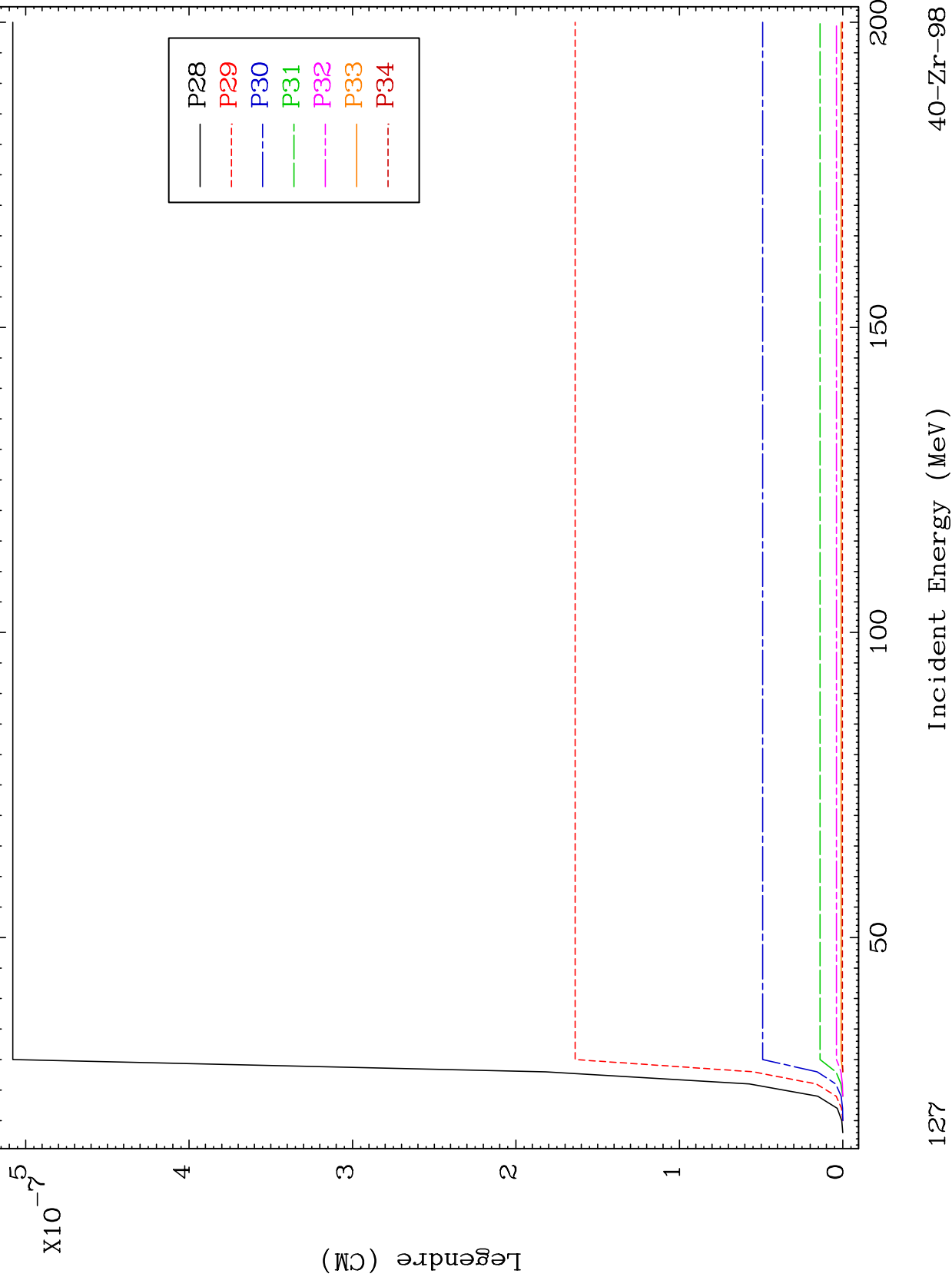
Incident Energy (MeV)

40-Zr-98

MAT 4049

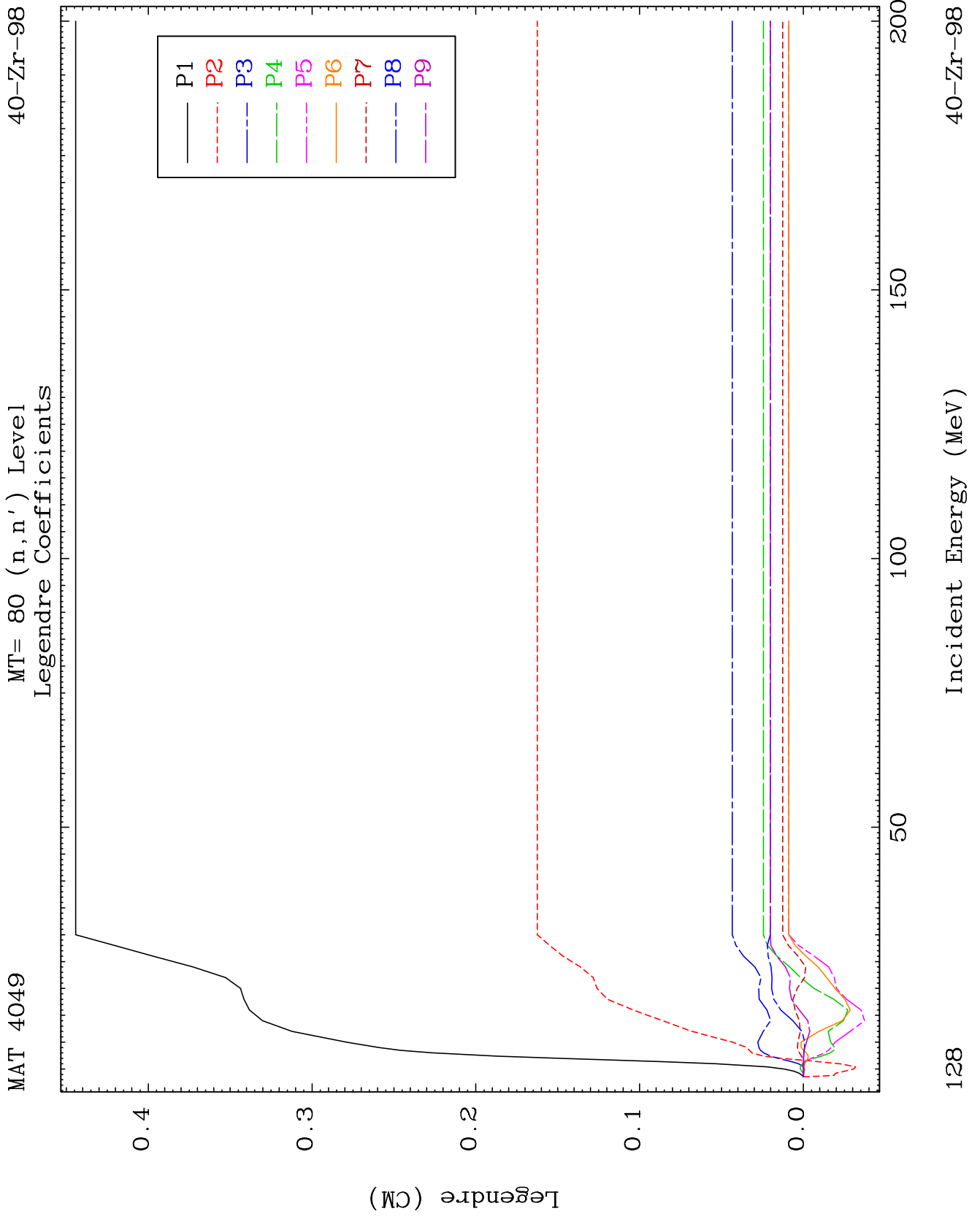
MT= 79 (n,n') Level  
Legendre Coefficients

40-Zr-98



127

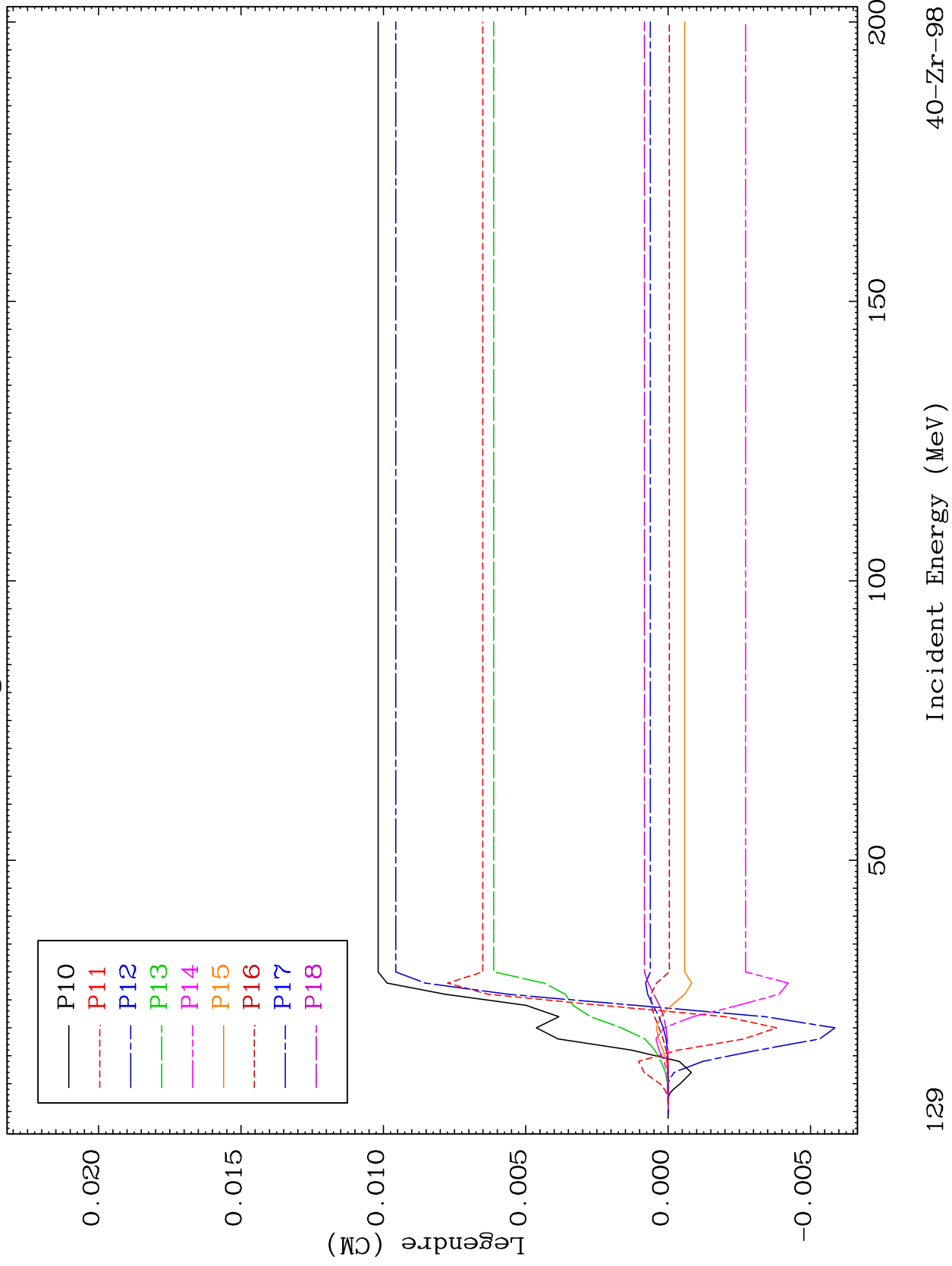




MAT 4049

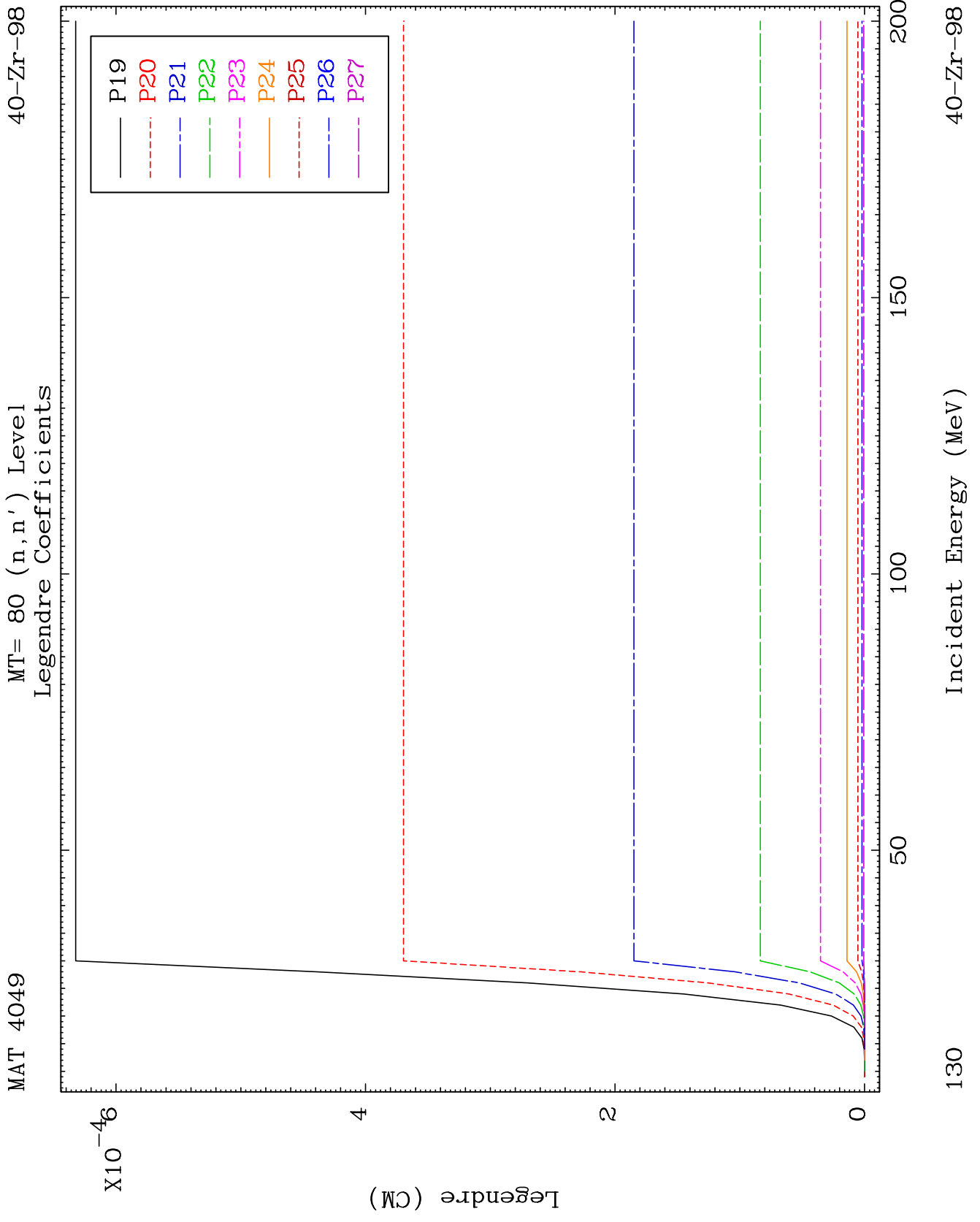
MT= 80 (n,n') Level  
Legendre Coefficients

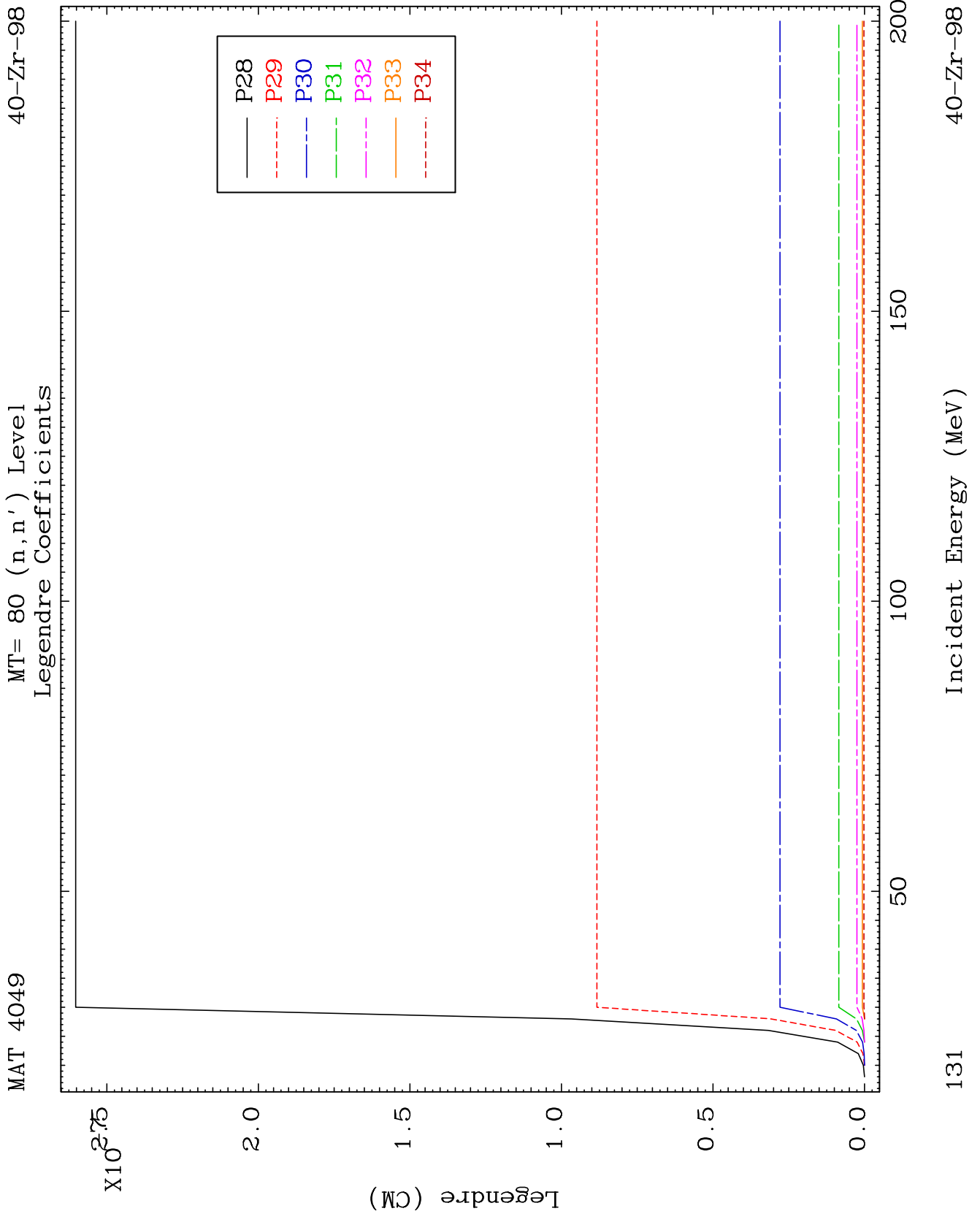
40-Zr-98



129

40-Zr-98



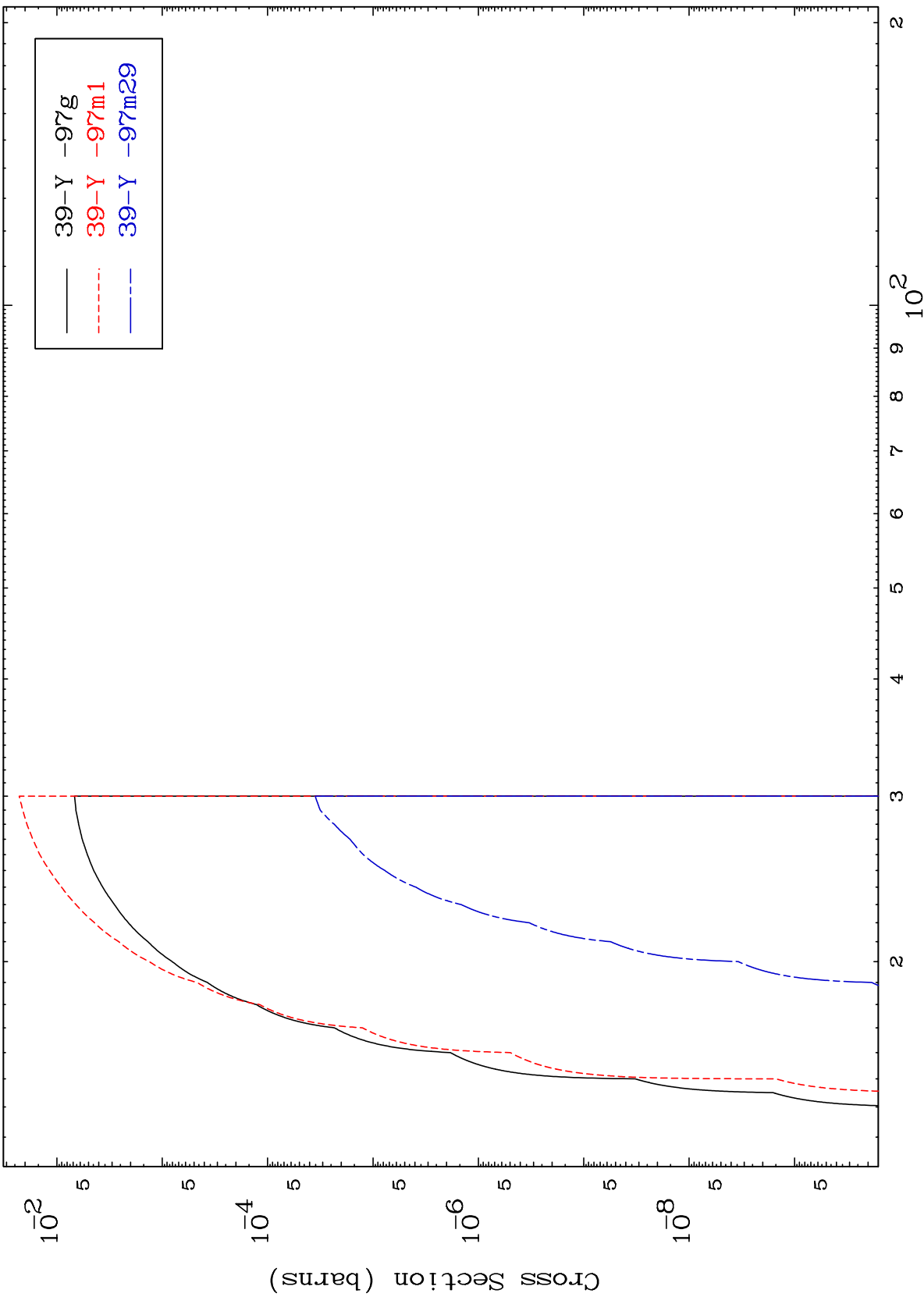


MAT 4049

(n,n') p

40-Zr-98

Radionuclide Production Cross Section



132

Incident Energy (MeV)

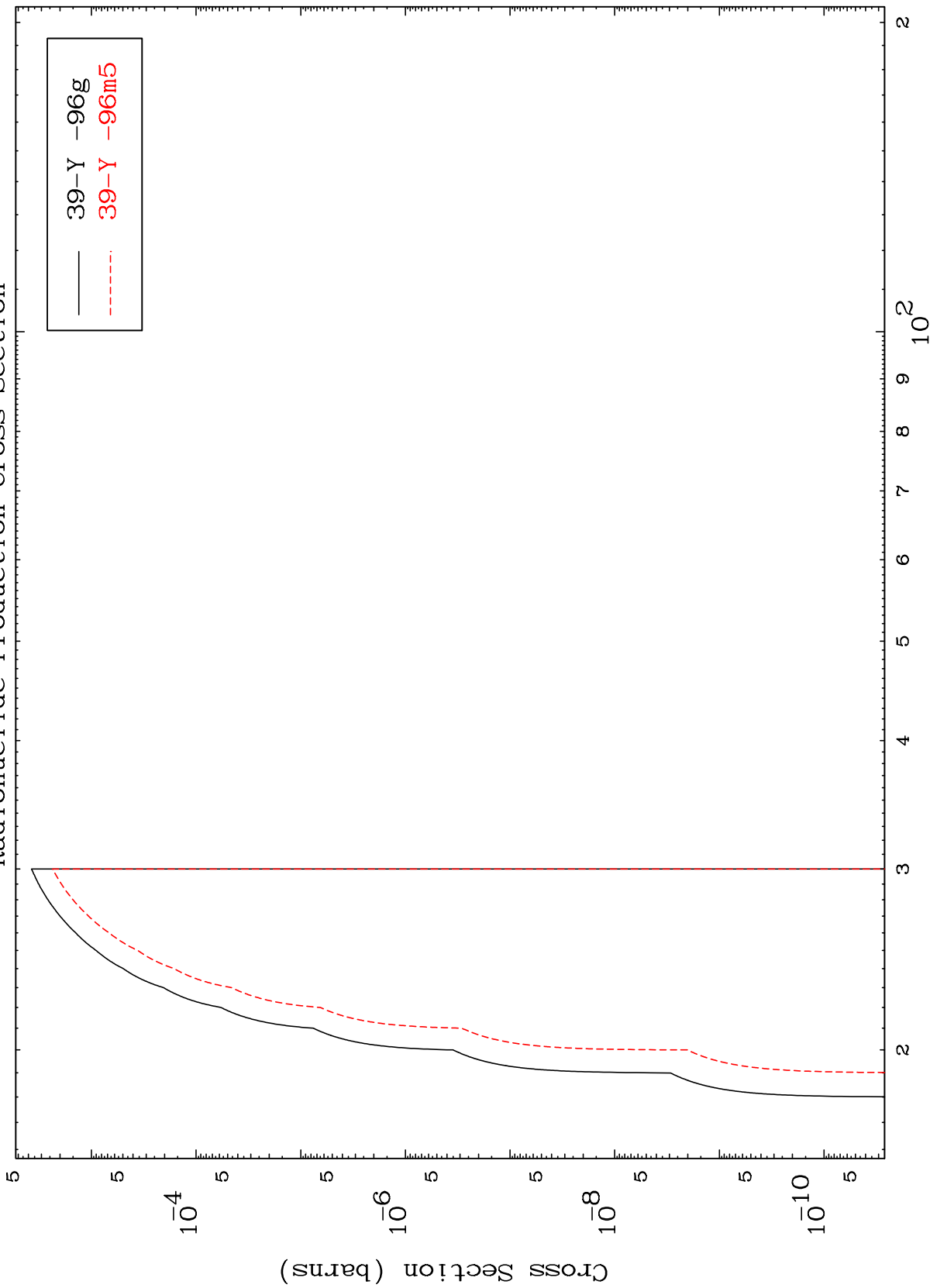
40-Zr-98

MAT 4049

(n,n') d

40-Zr-98

Radionuclide Production Cross Section

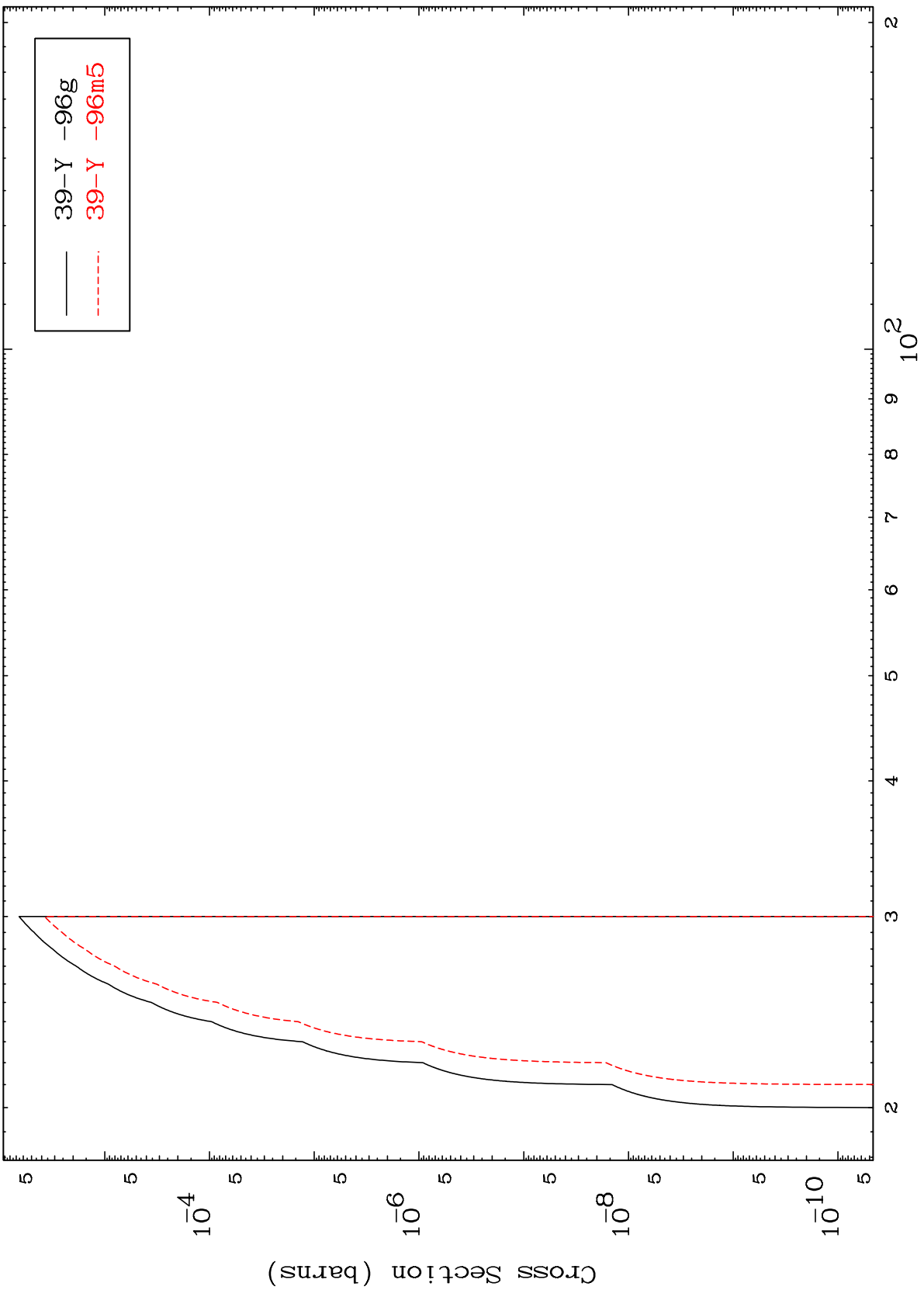


133

Incident Energy (MeV)

40-Zr-98

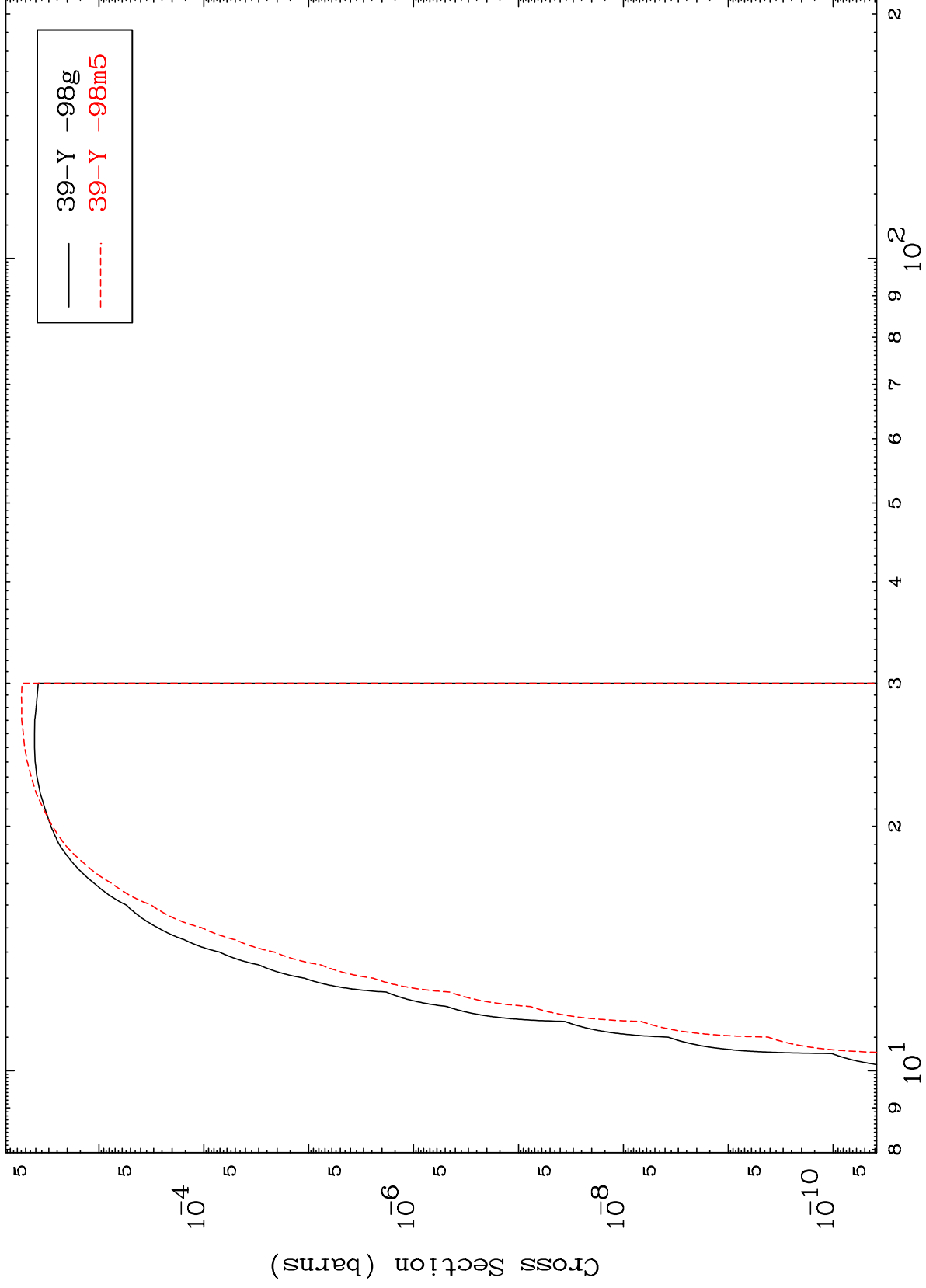
(n,2n) p  
Radionuclide Production Cross Section



MAT 4049

40-Zr-98

(n,p)  
Radionuclide Production Cross Section



135

Incident Energy (MeV)

40-Zr-98

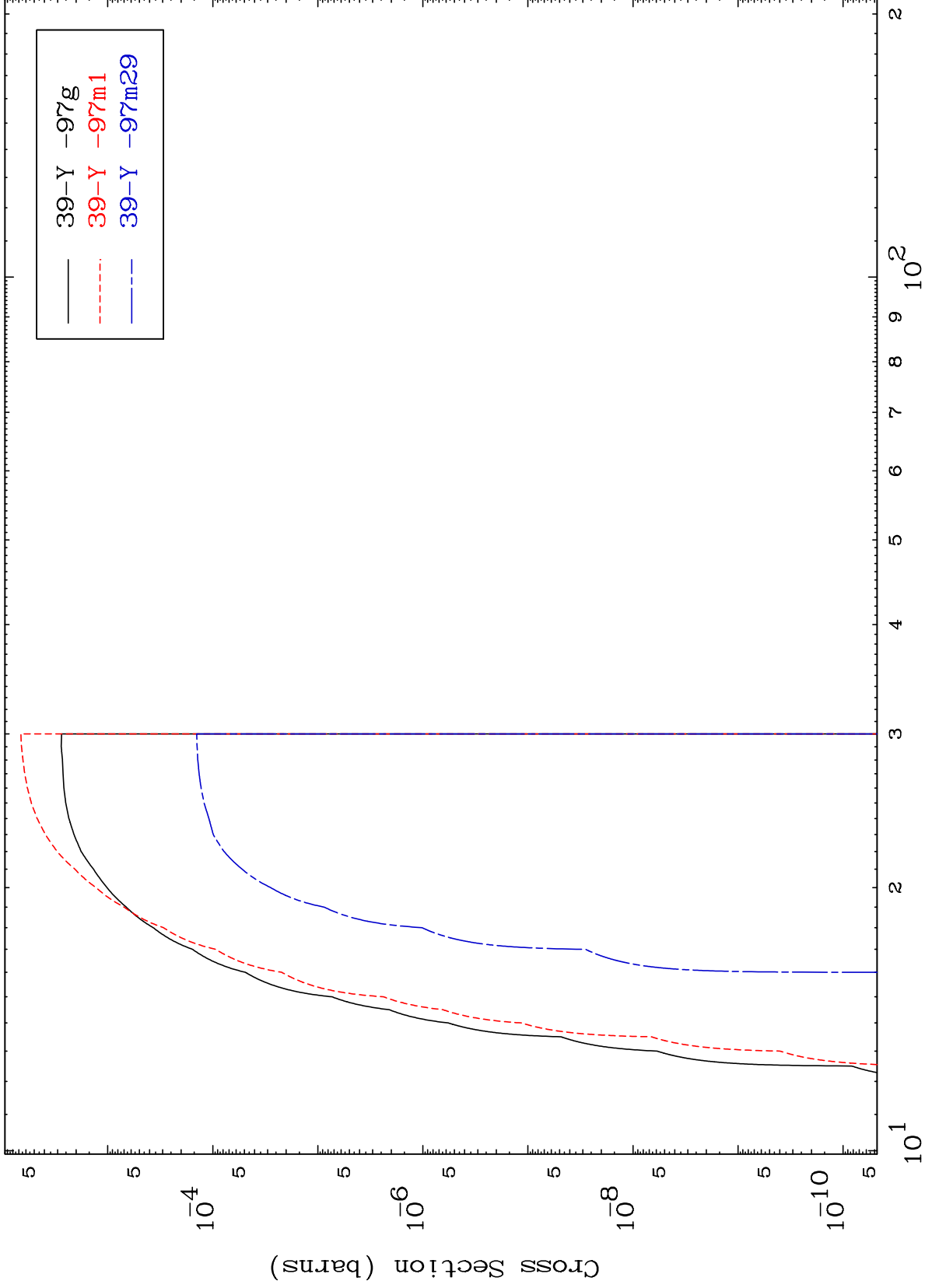


MAT 4049

(n,d)

40-Zr-98

Radionuclide Production Cross Section



136

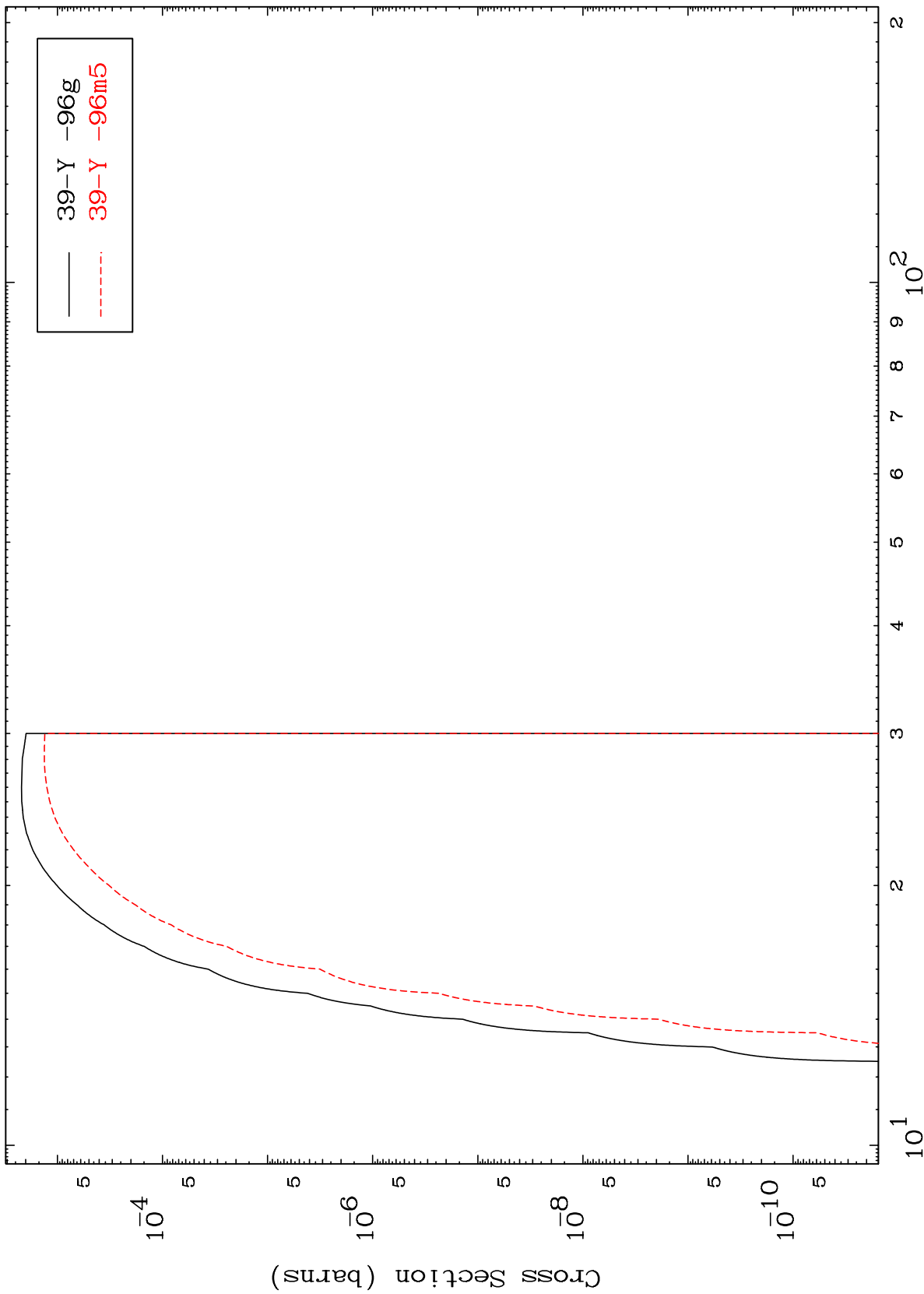
Incident Energy (MeV)

40-Zr-98

MAT 4049

40-Zr-98

(n,t)  
Radionuclide Production Cross Section



40-Zr-98

Incident Energy (MeV)

137