

Program EVALPLOT  
(Version 2018-1)

by

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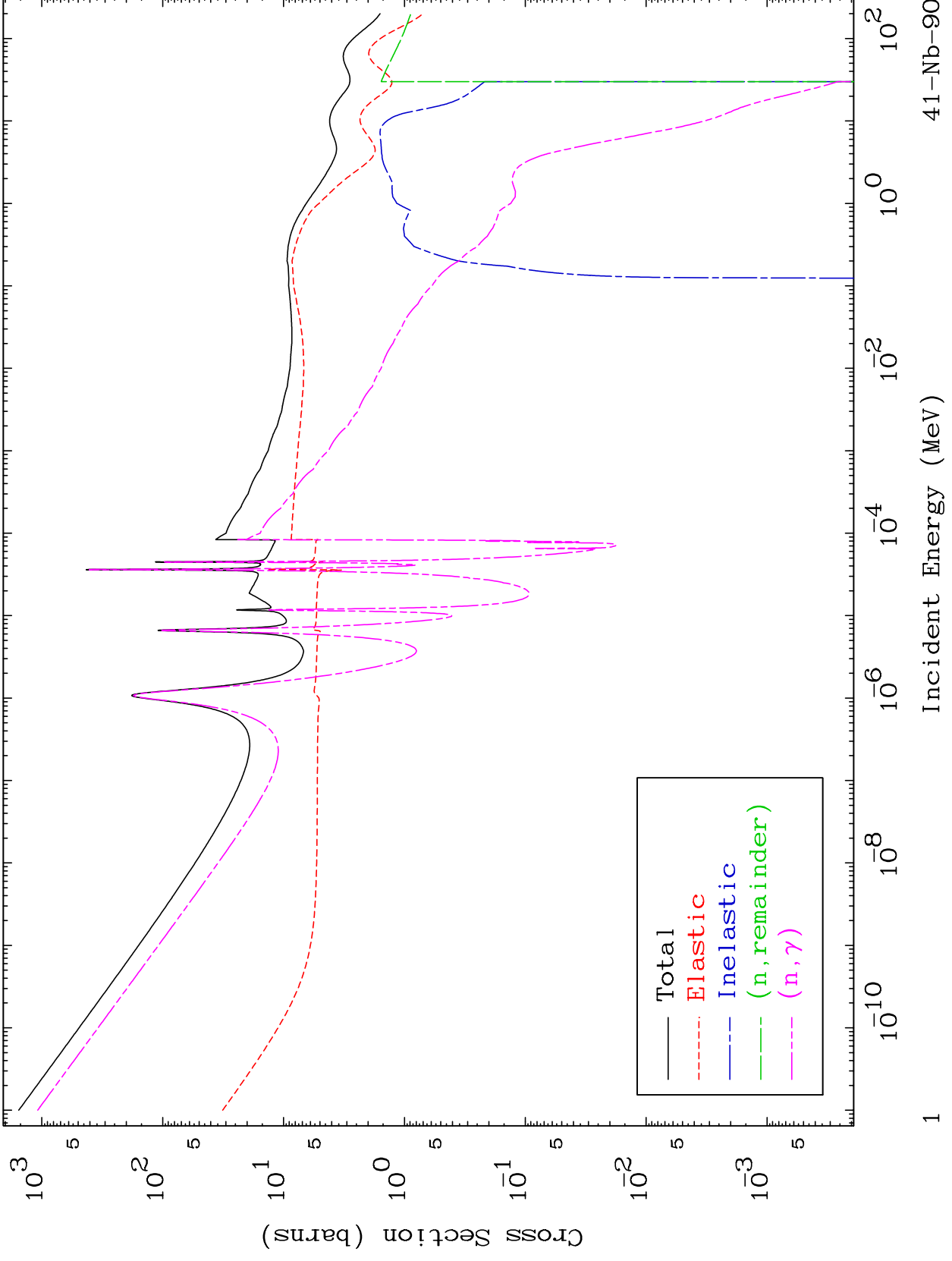
Press Mouse Button to Start

MAT 4116

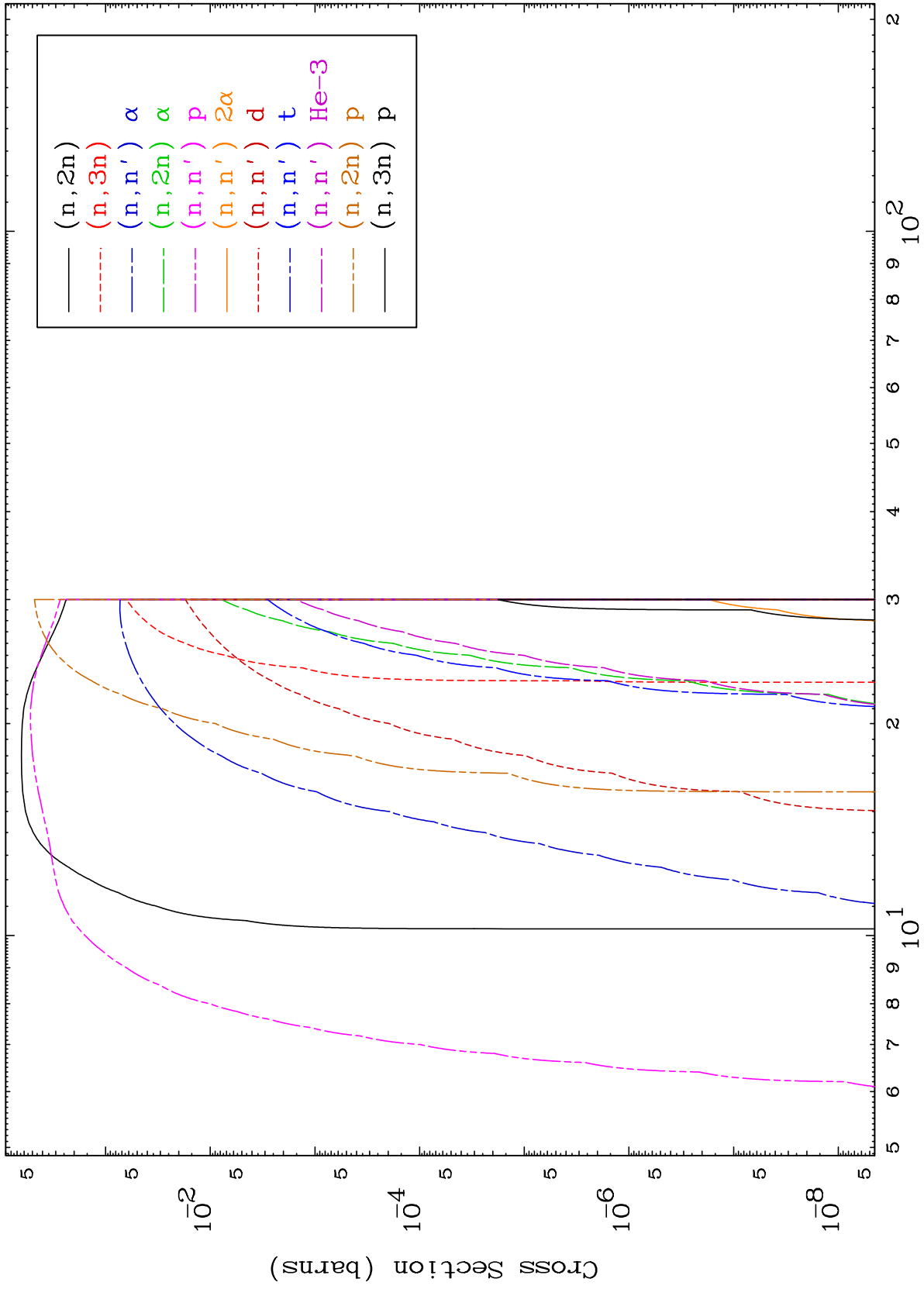
Major

293 Kelvin Cross Sections

41-Nb-90



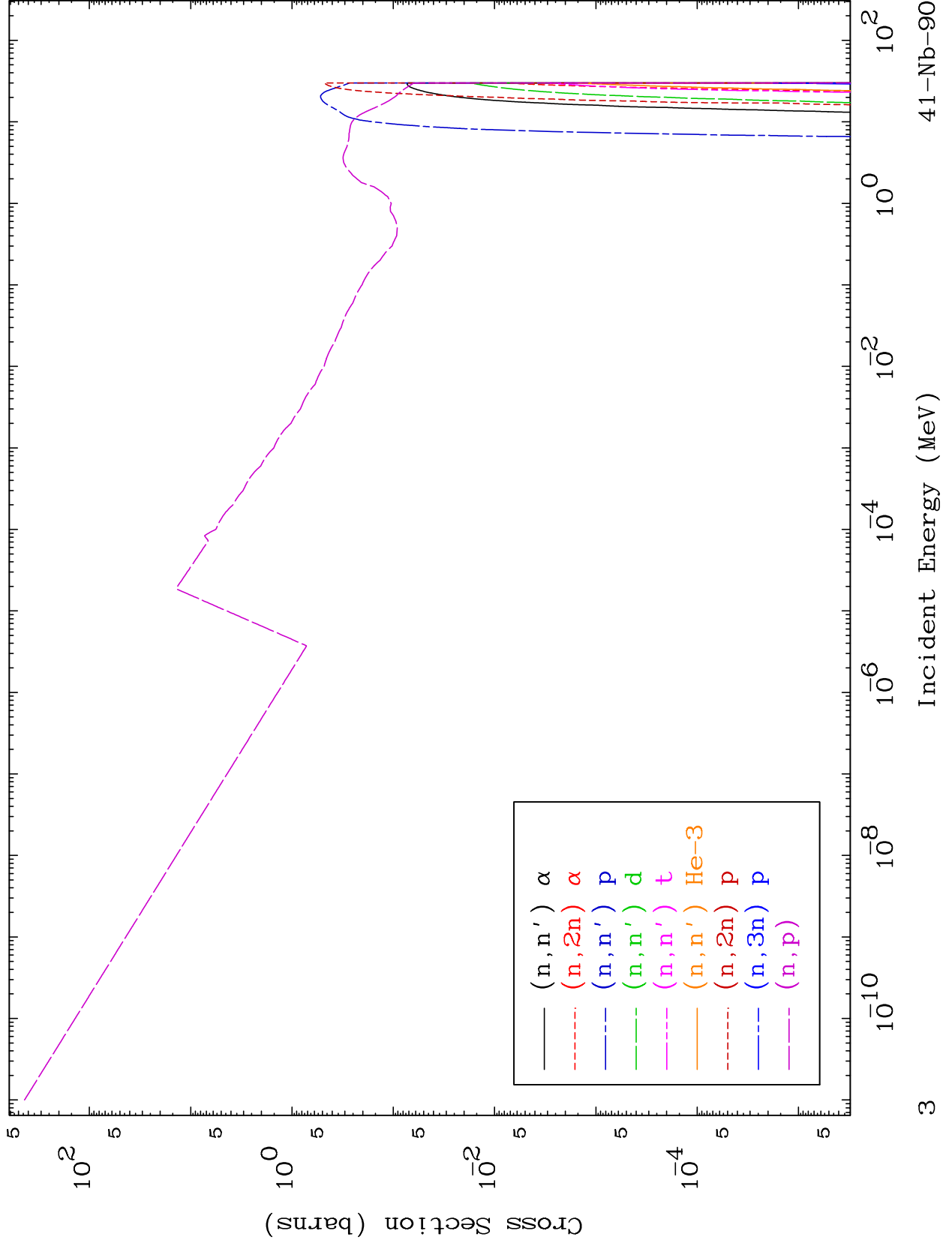
Neutron Production  
293 Kelvin Cross Sections



MAT 4116

Charged Particle  
293 Kelvin Cross Sections

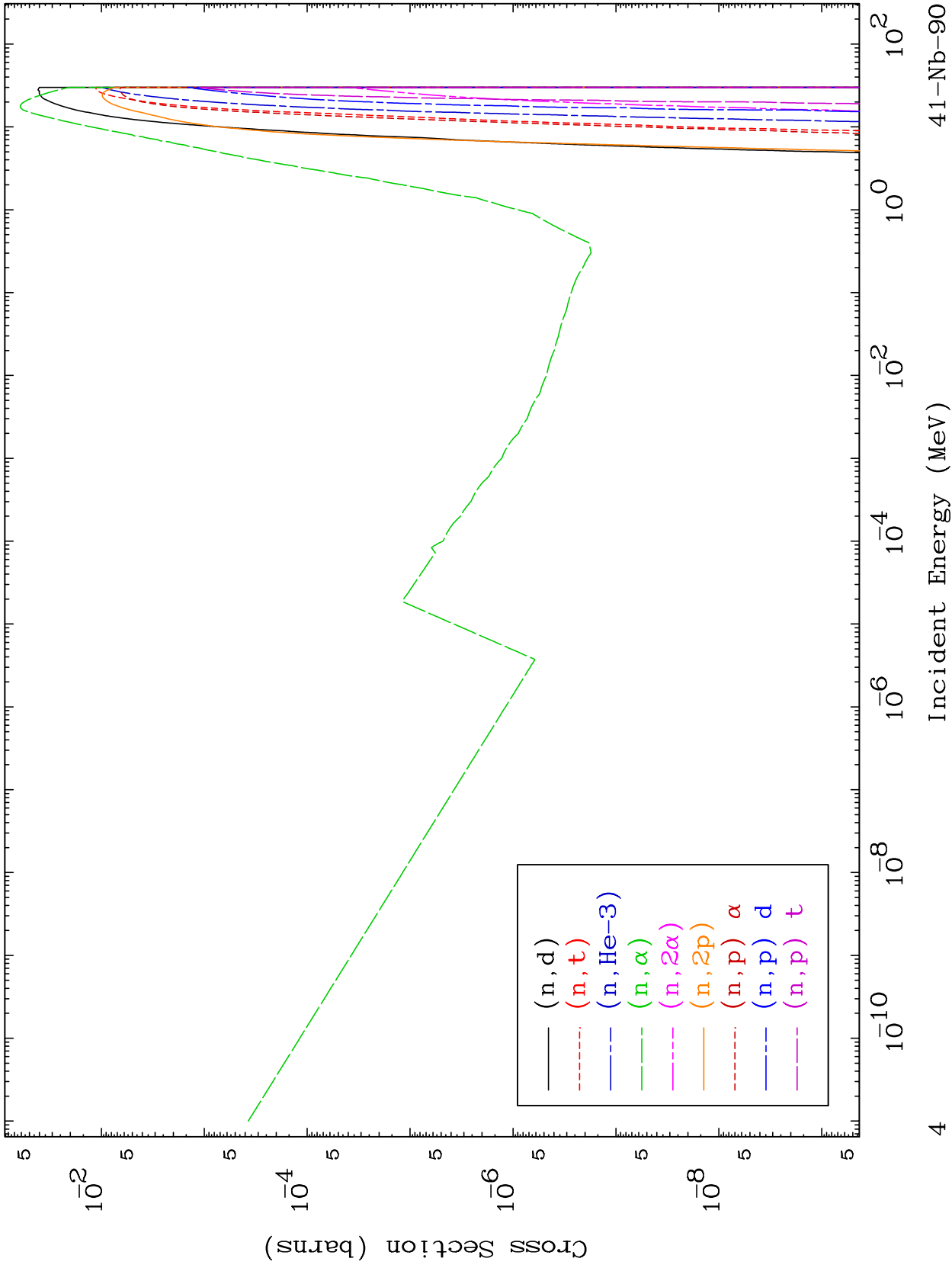
41-Nb-90



MAT 4116

Charged Particle  
293 Kelvin Cross Sections

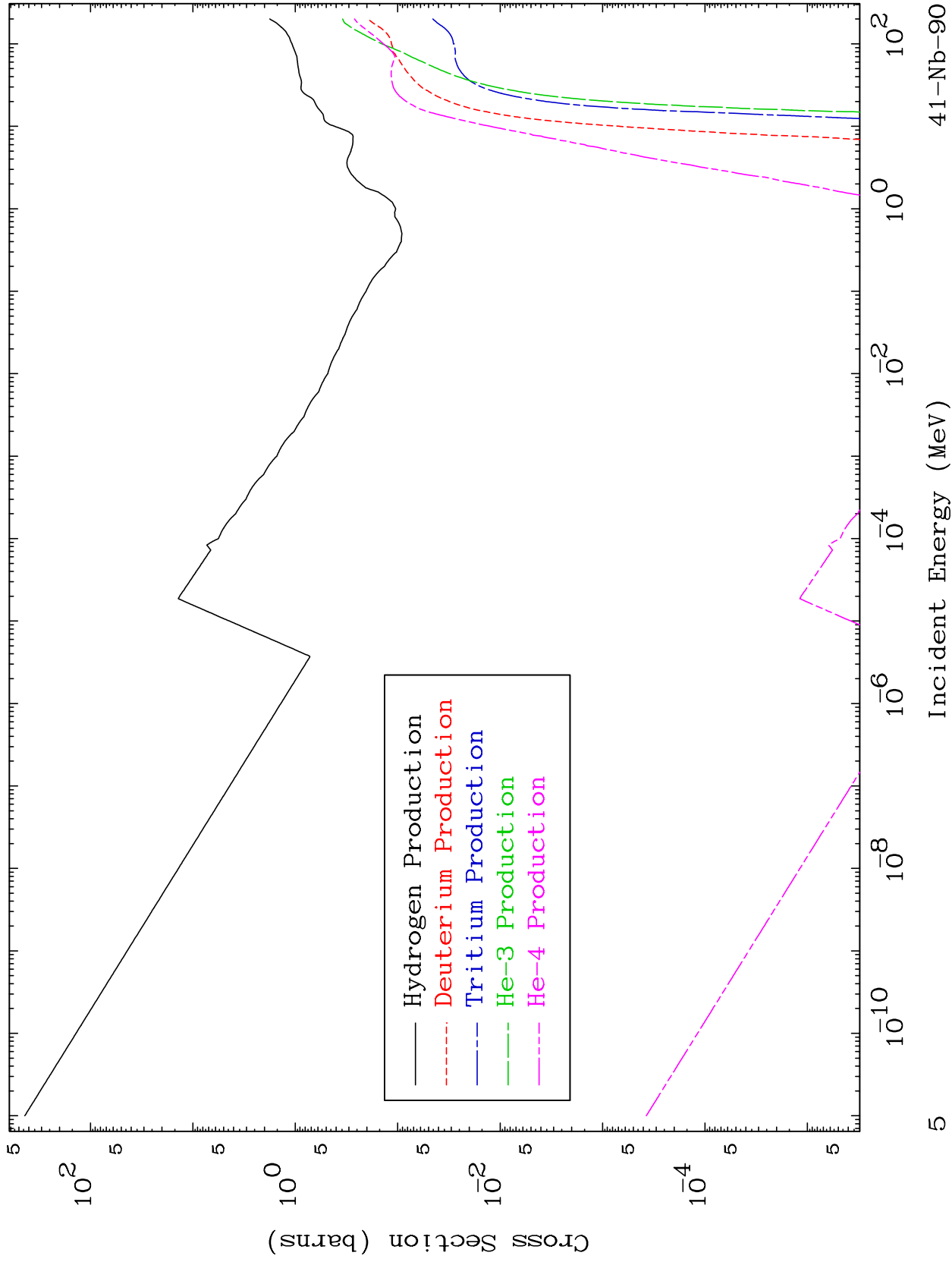
41-Nb-90



MAT 4116

Particle Production  
293 Kelvin Cross Sections

41-Nb-90



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Incident Energy (MeV)

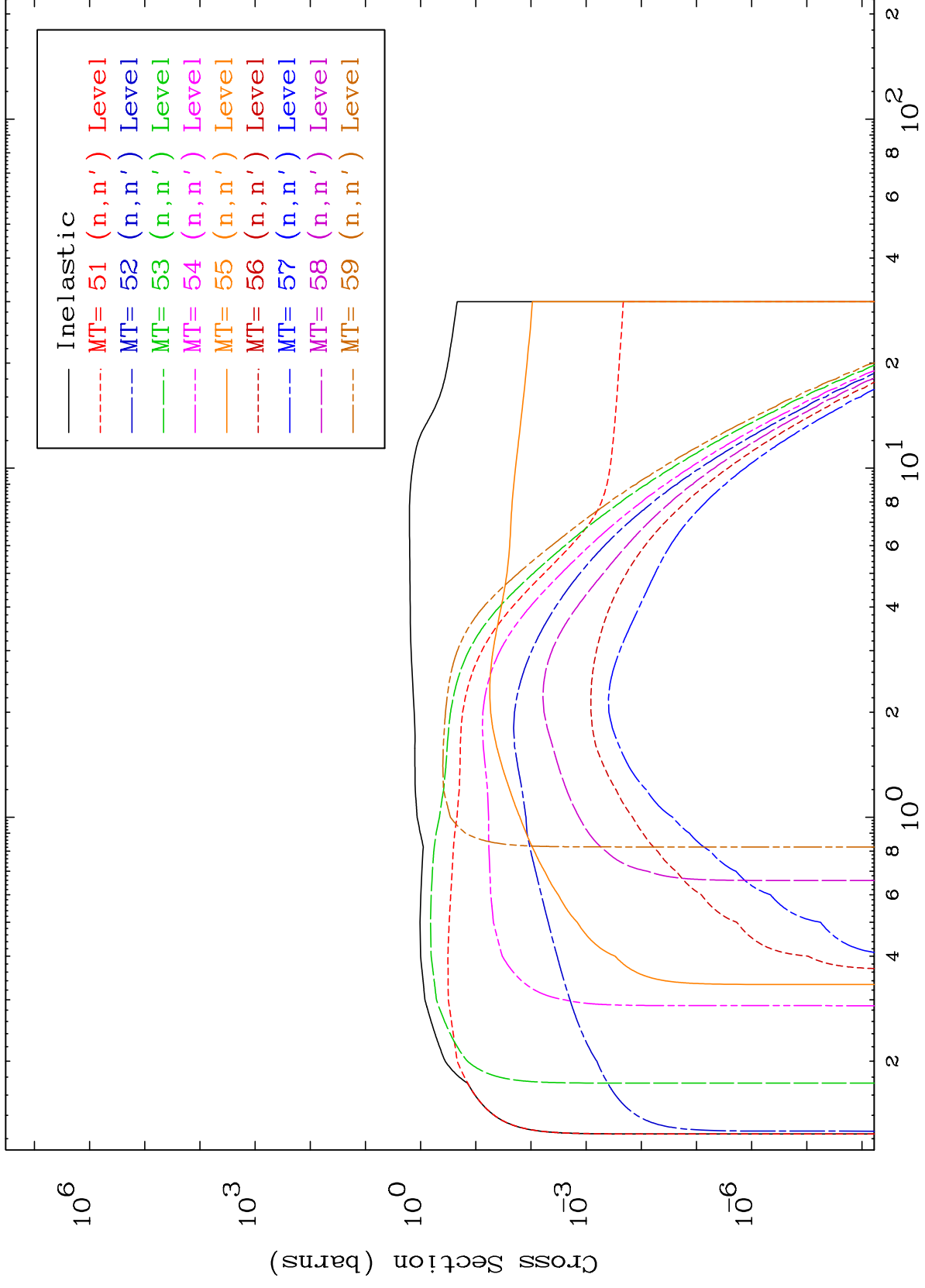
41-Nb-90

MAT 4116

(n,n') Level

41-Nb-90

293 Kelvin Cross Sections

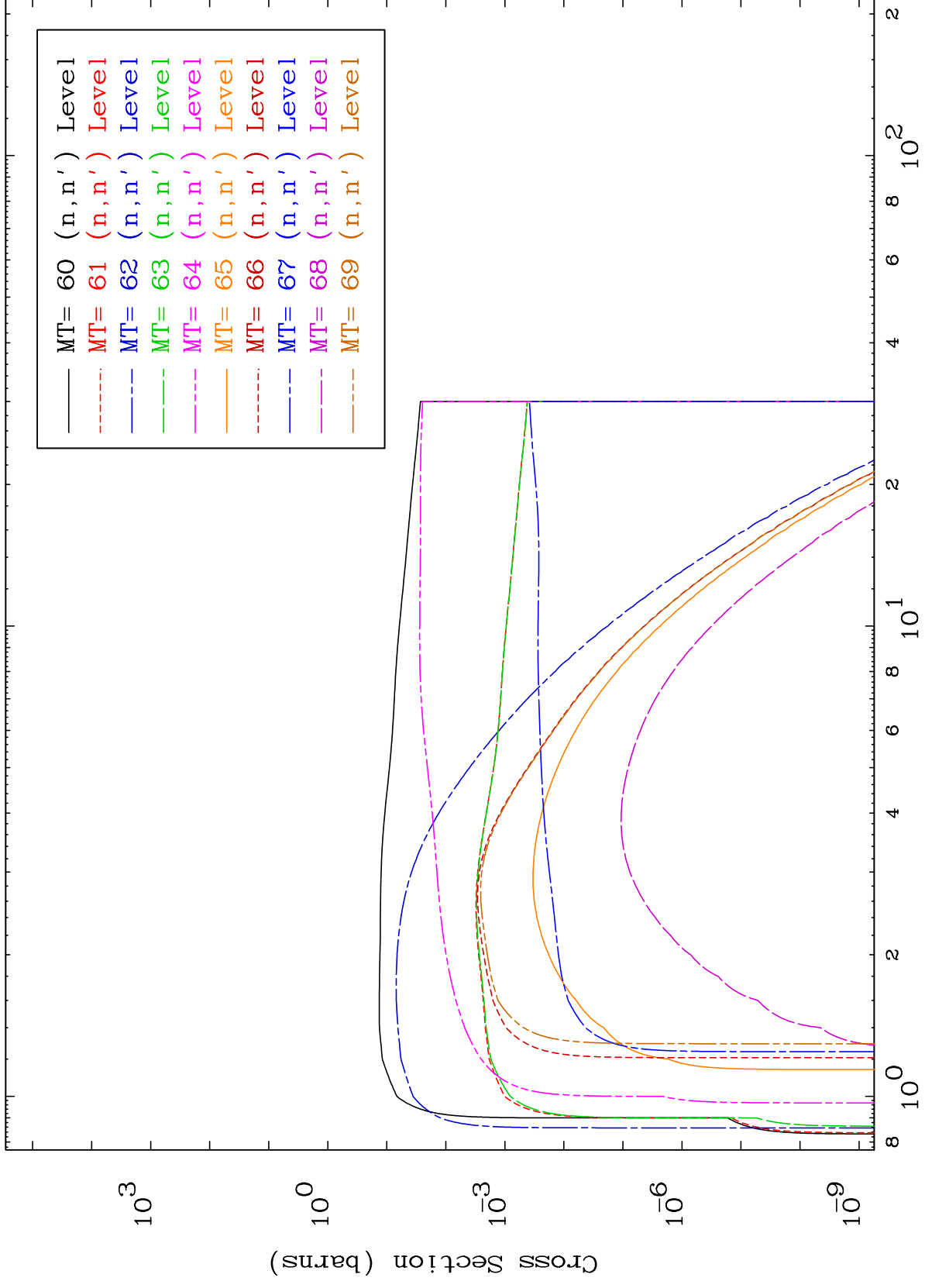


MAT 4116

(n,n') Level

41-Nb-90

293 Kelvin Cross Sections



Incident Energy (MeV)

41-Nb-90

7

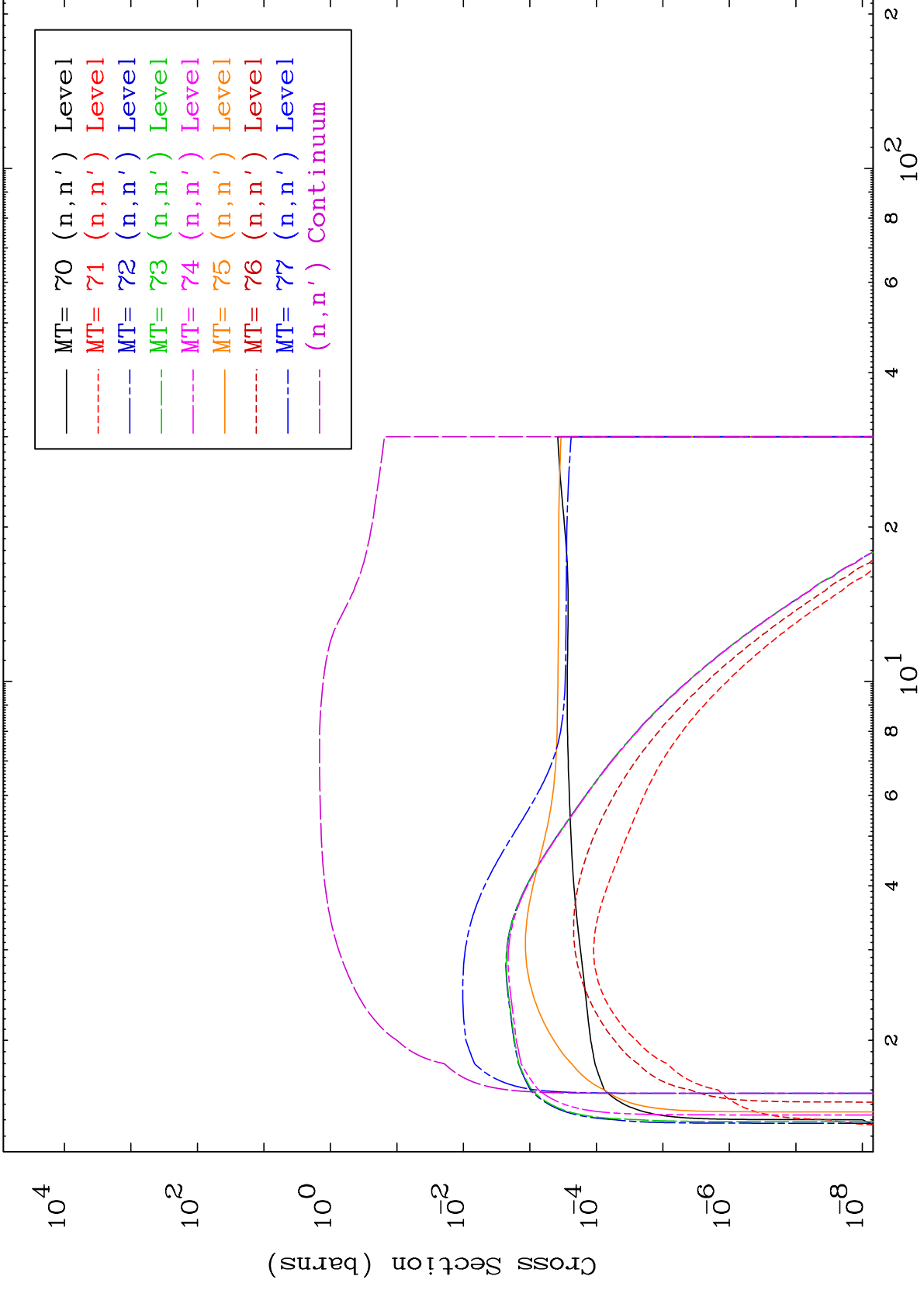


MAT 4116

(n,n') Level

41-Nb-90

293 Kelvin Cross Sections



8

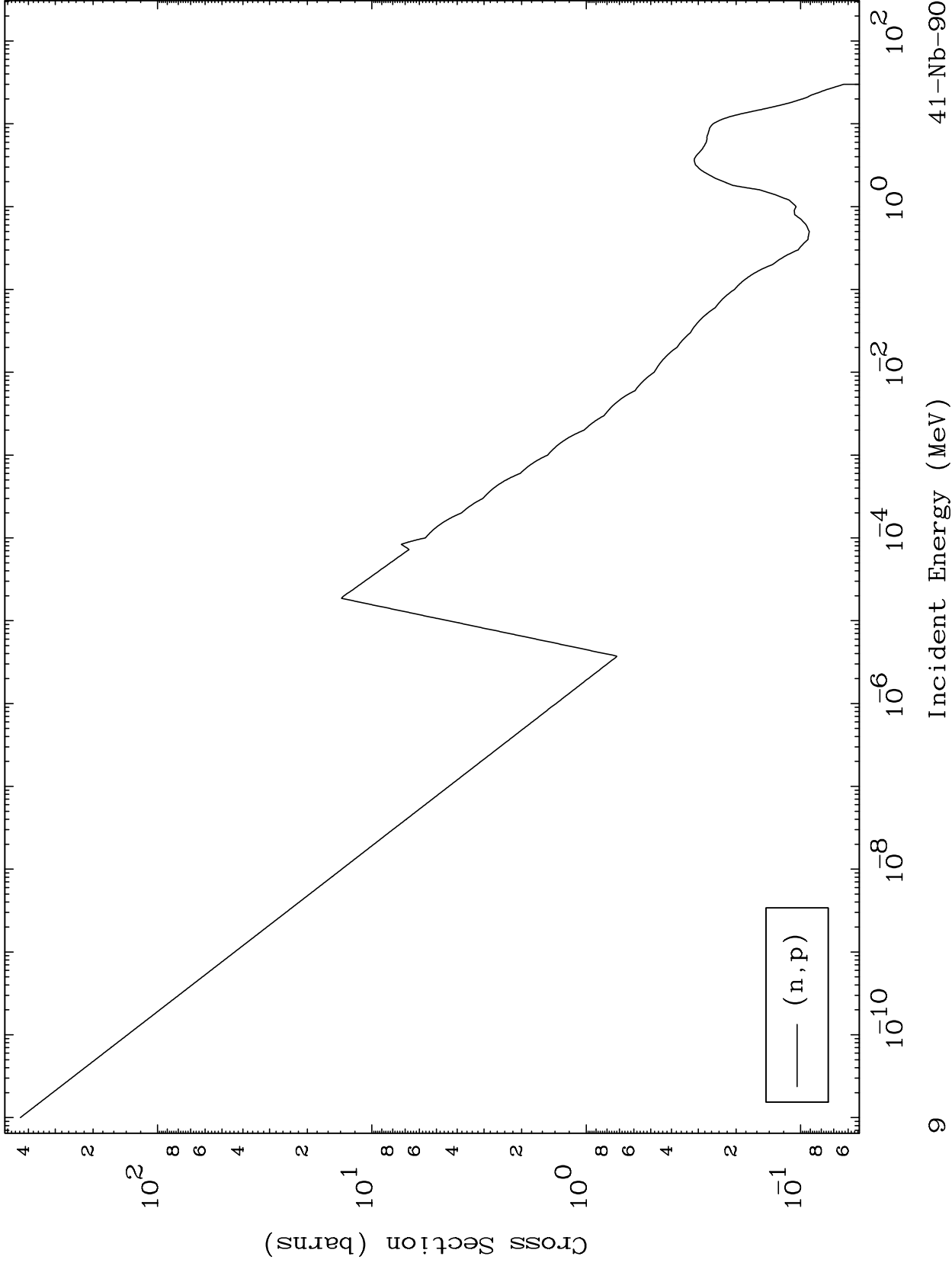
Incident Energy (MeV)

41-Nb-90

MAT 4116

(n,p) Levels  
293 Kelvin Cross Sections

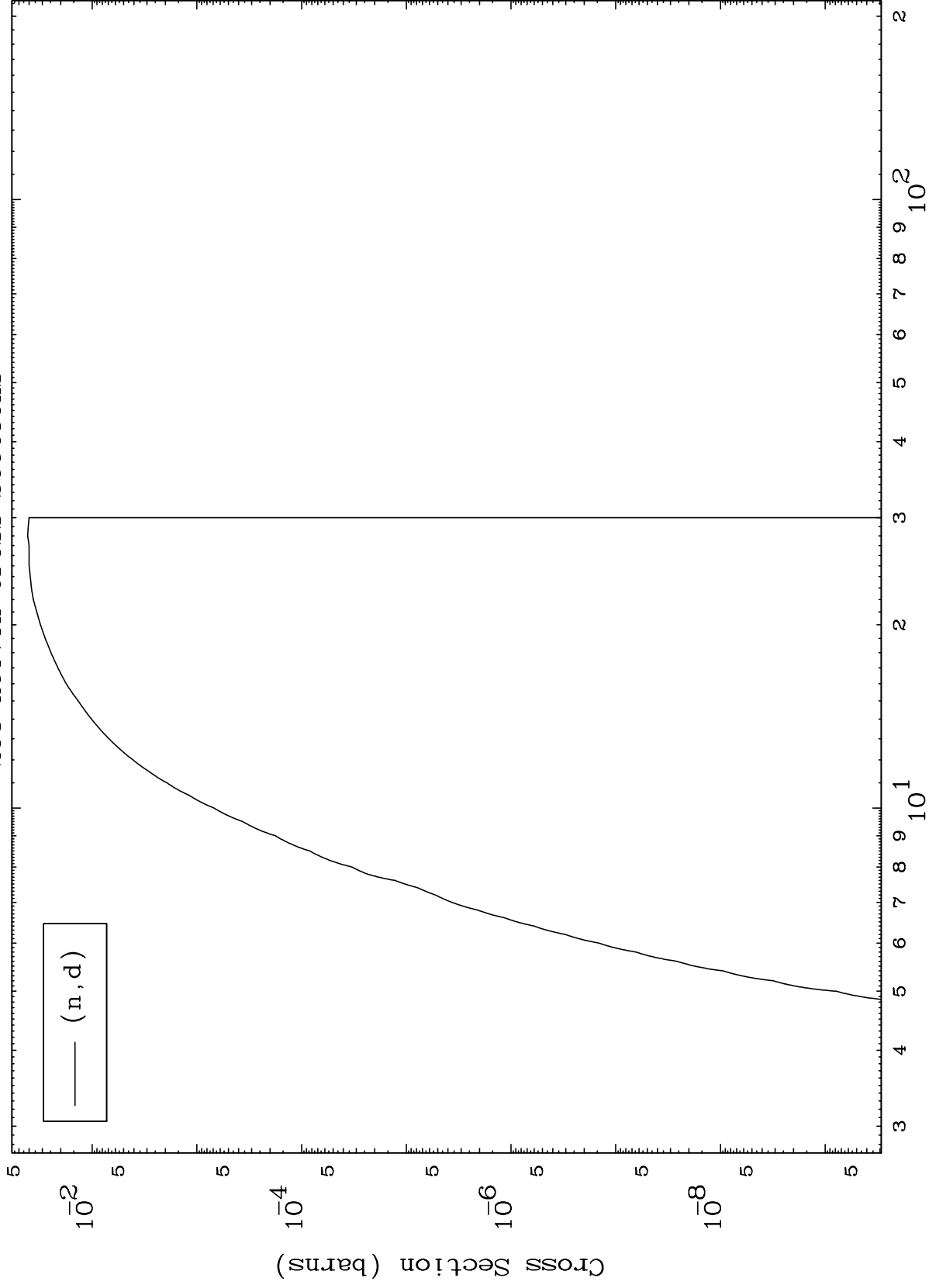
41-Nb-90



MAT 4116

(n,d) Levels  
293 Kelvin Cross Sections

41-Nb-90



Incident Energy (MeV)

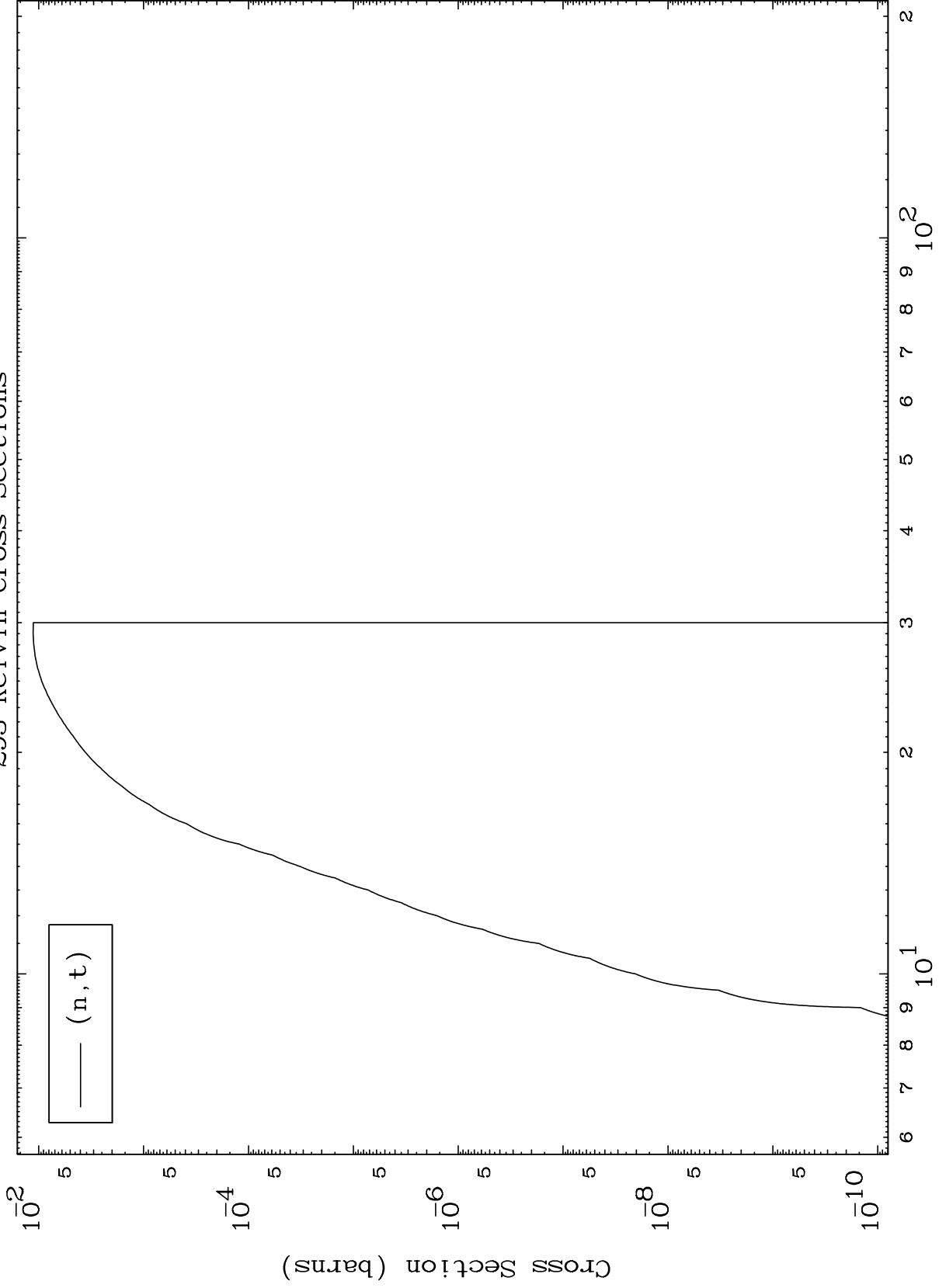
41-Nb-90

10

MAT 4116

(n, t) Levels  
293 Kelvin Cross Sections

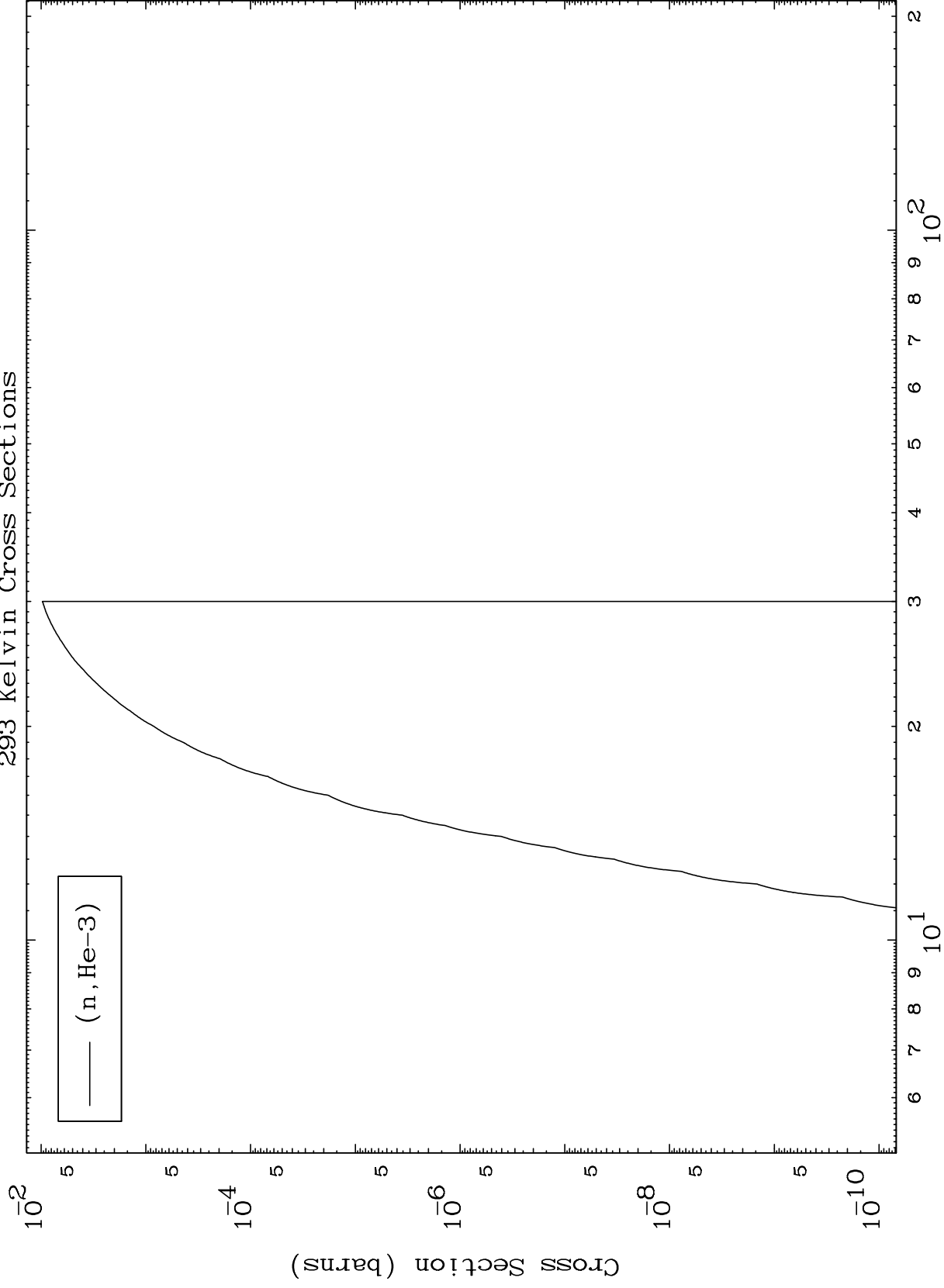
41-Nb-90



MAT 4116

(n,He3) Levels  
293 Kelvin Cross Sections

41-Nb-90



12

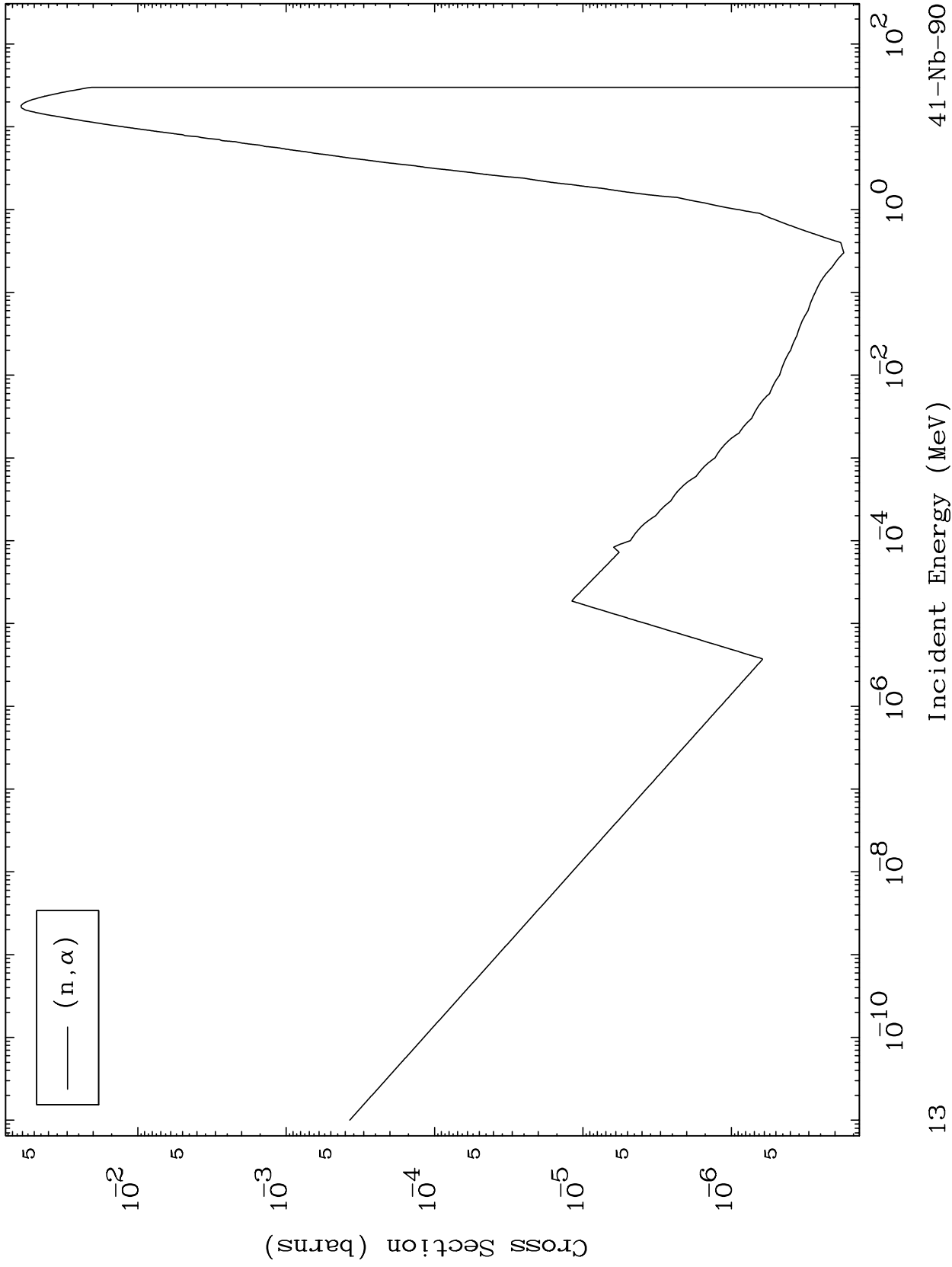
Incident Energy (MeV)

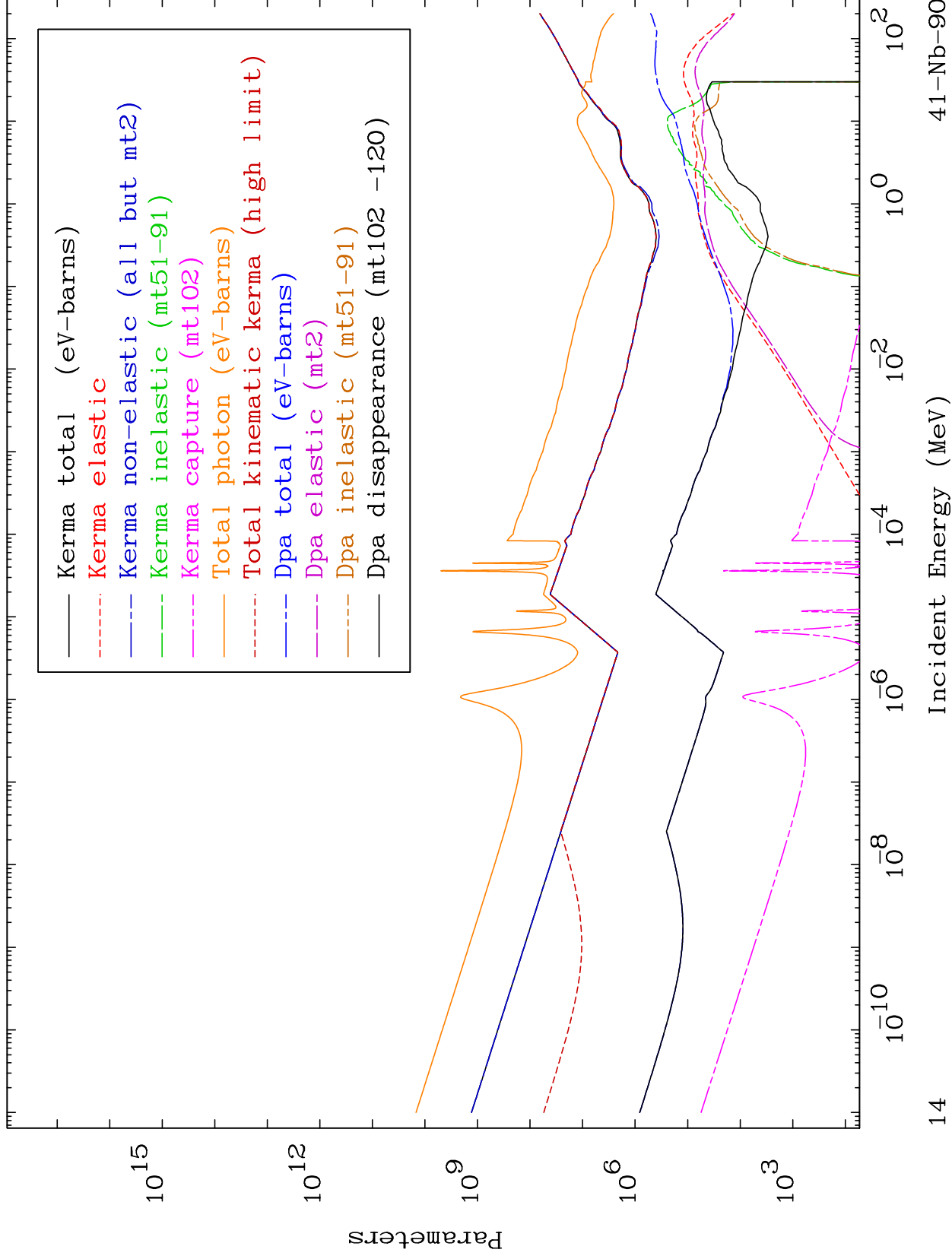
41-Nb-90

MAT 4116

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

41-Nb-90

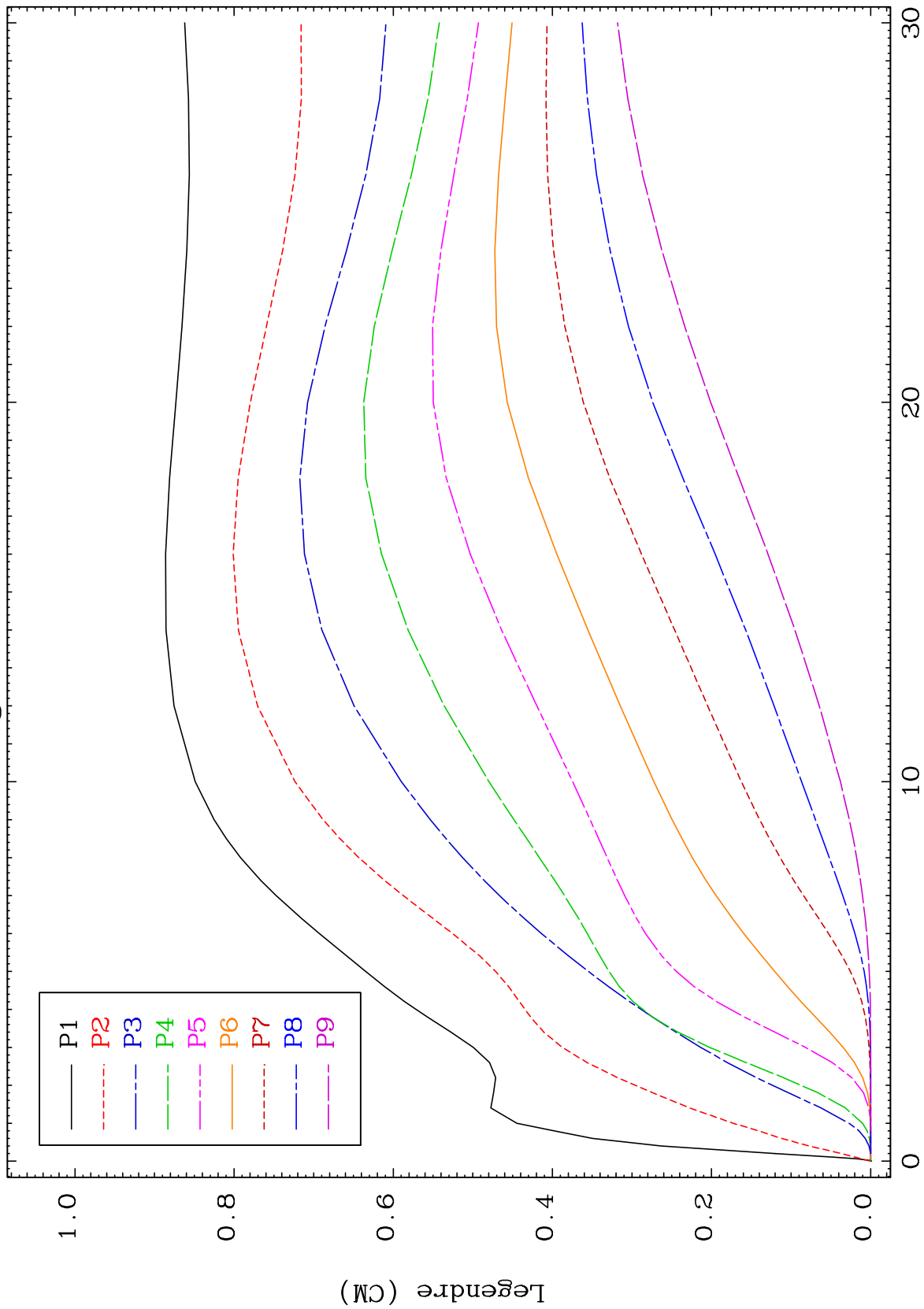




MAT 4116

Elastic Legendre Coefficients

41-Nb-90

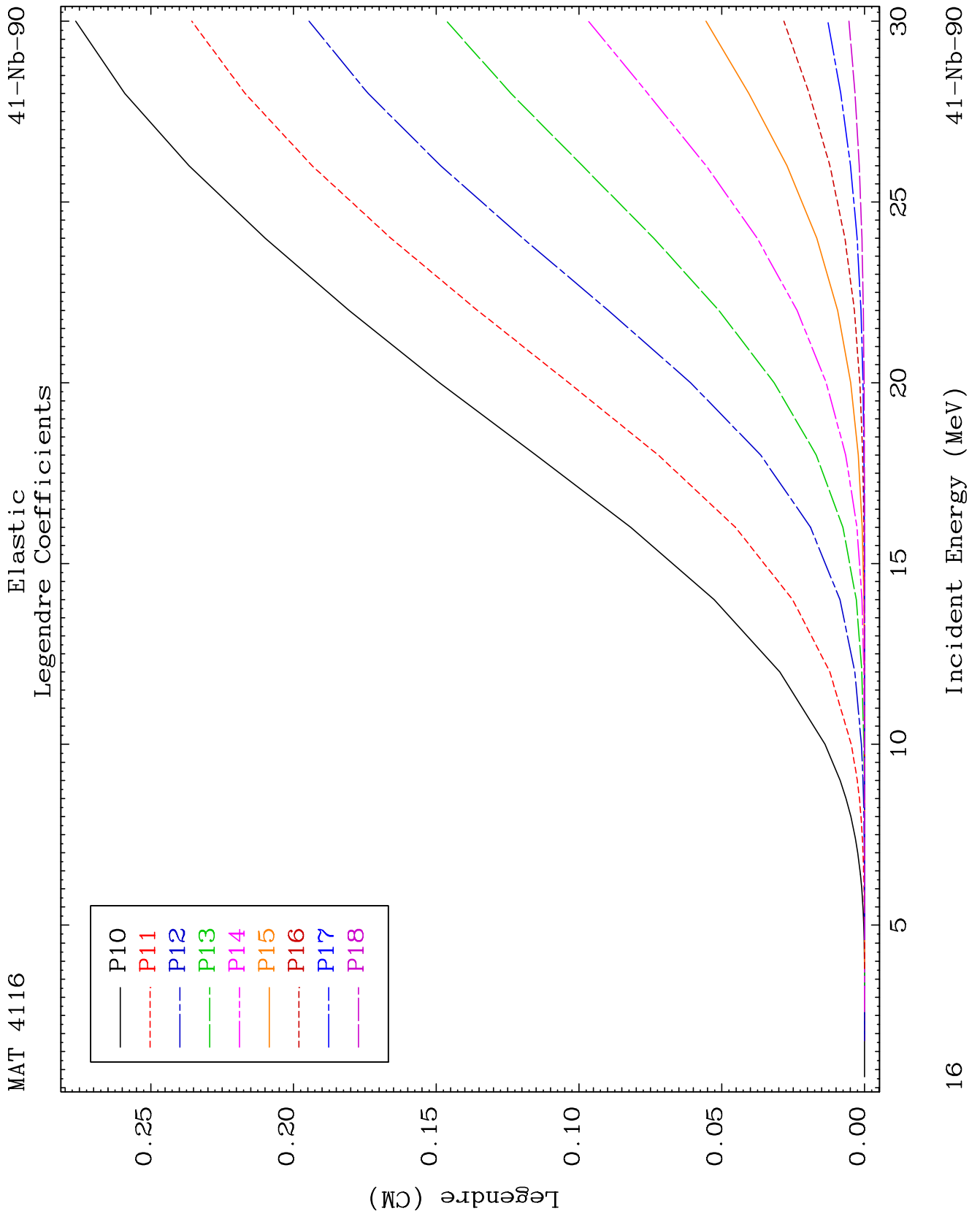


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Incident Energy (MeV)

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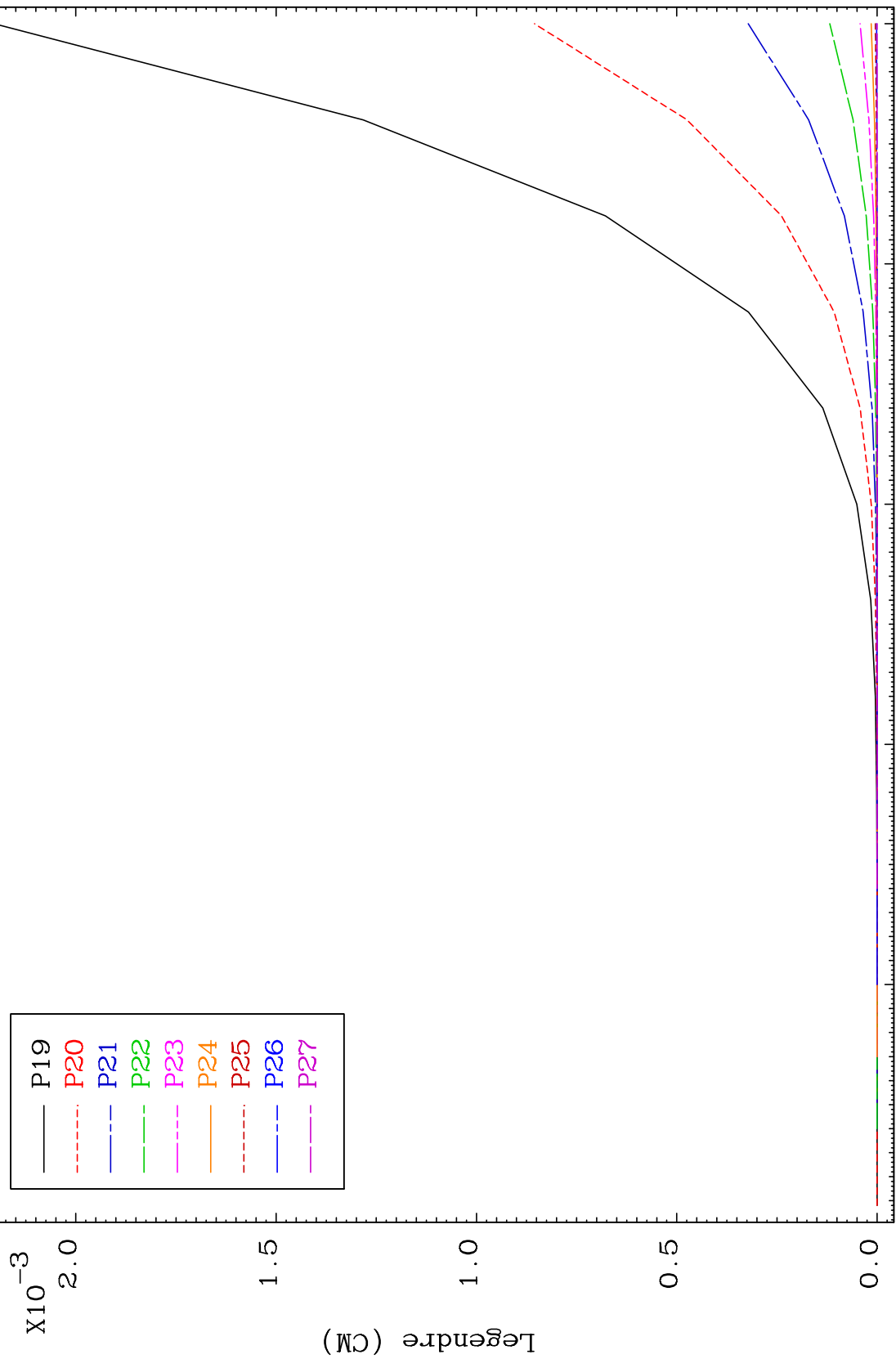
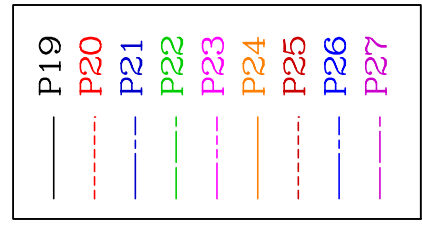




MAT 4116

Elastic  
Legendre Coefficients

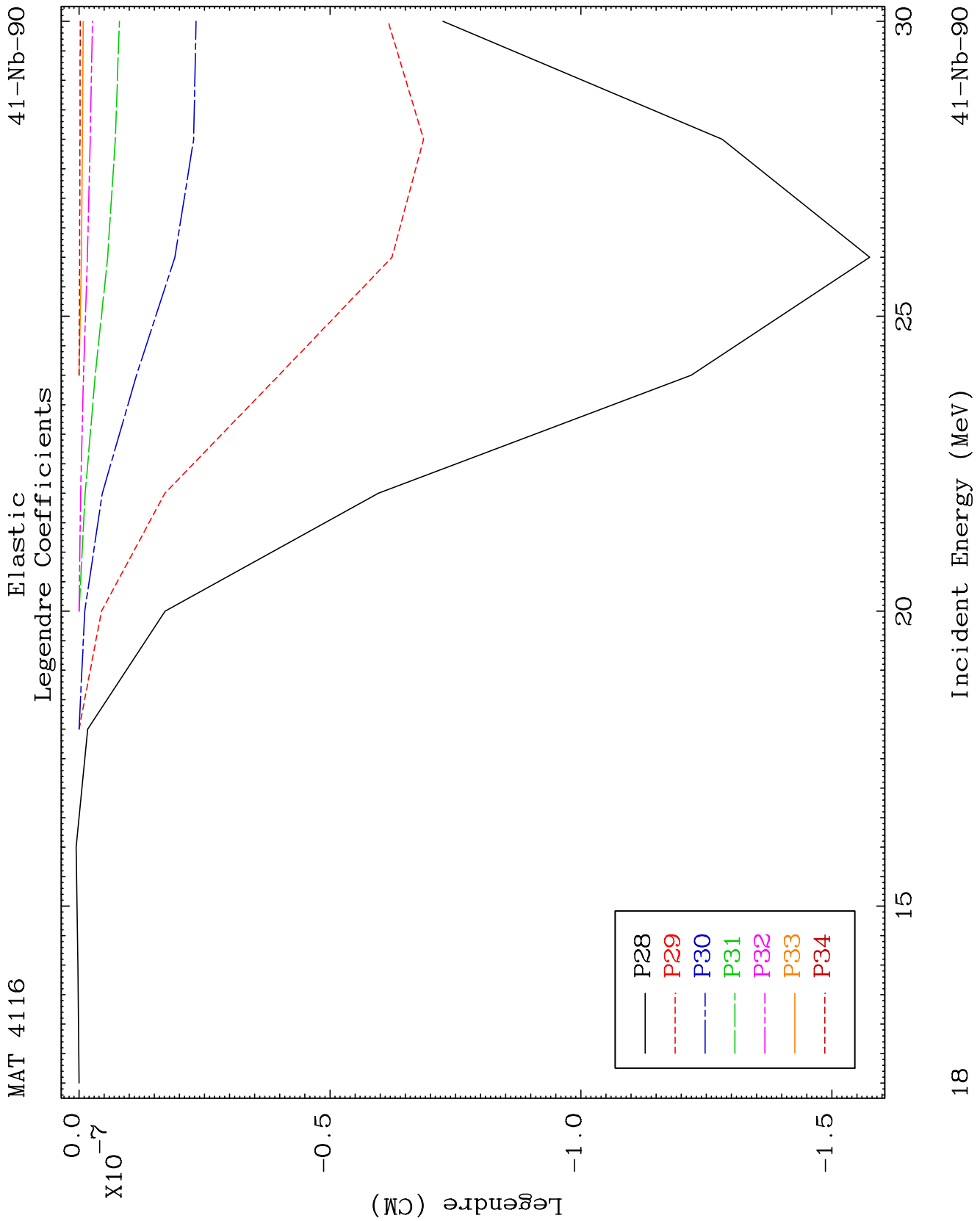
41-Nb-90



17

Incident Energy (MeV)

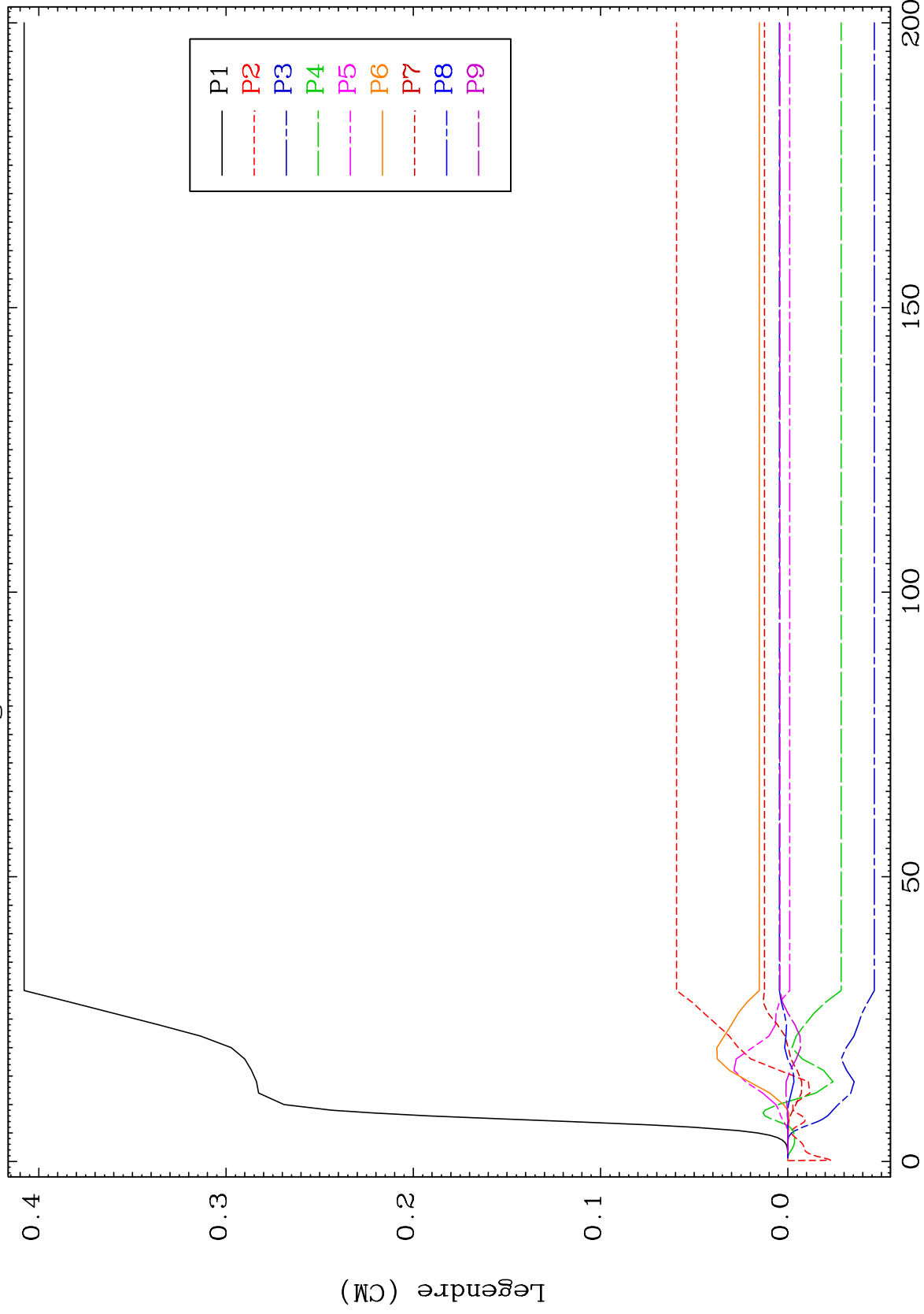
41-Nb-90



MAT 4116

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

41-Nb-90

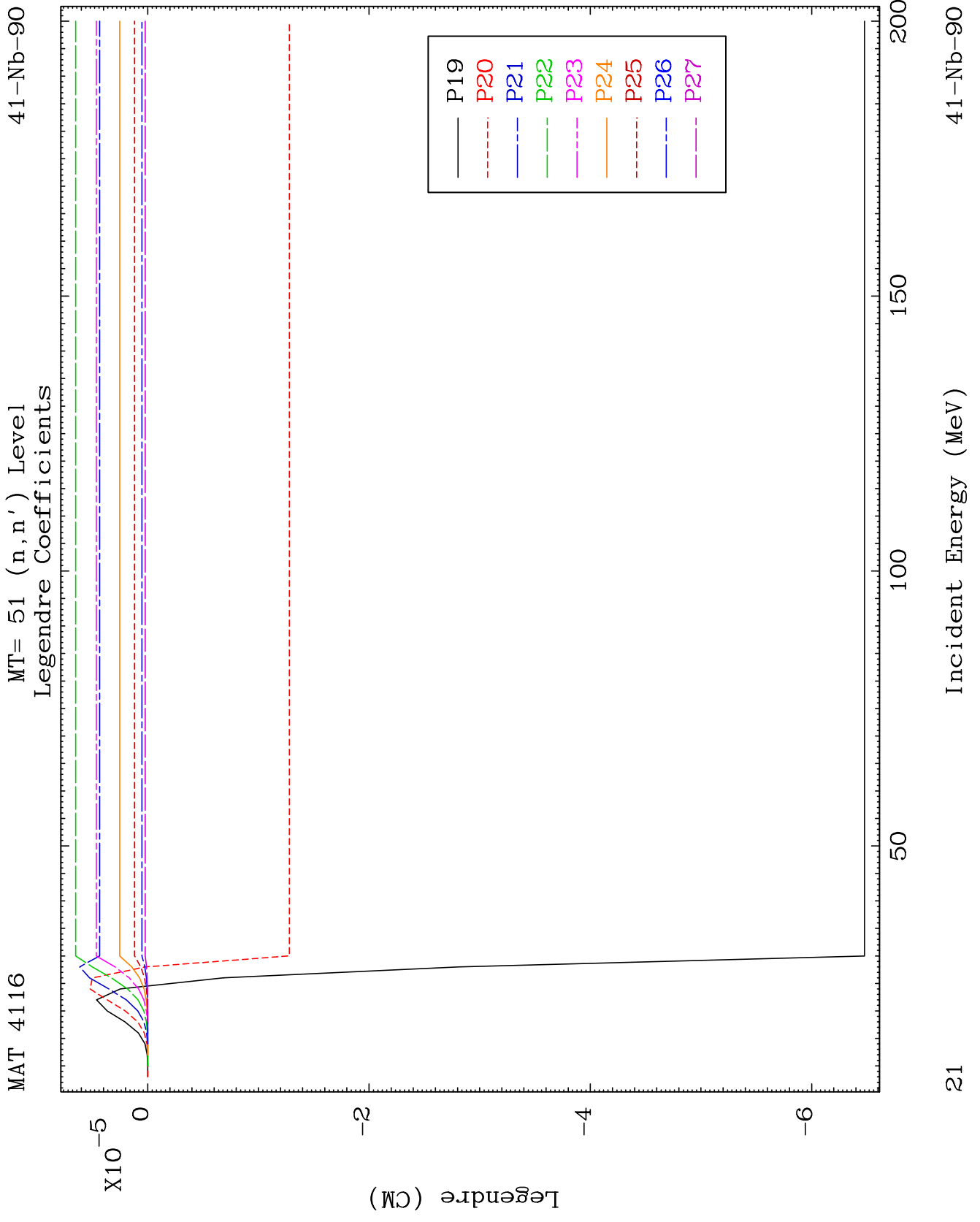


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Incident Energy (MeV)

41-Nb-90

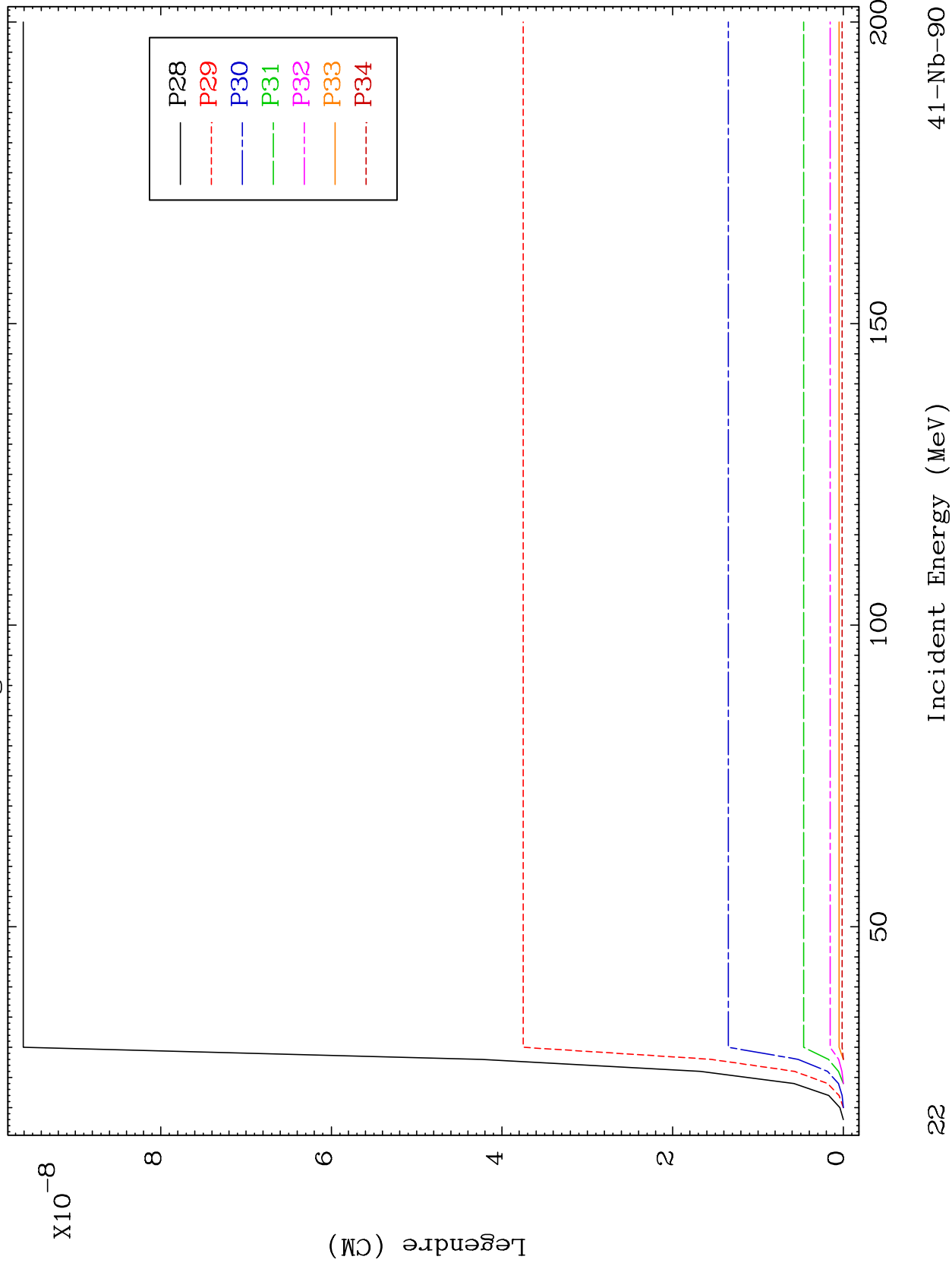




MAT 4116

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

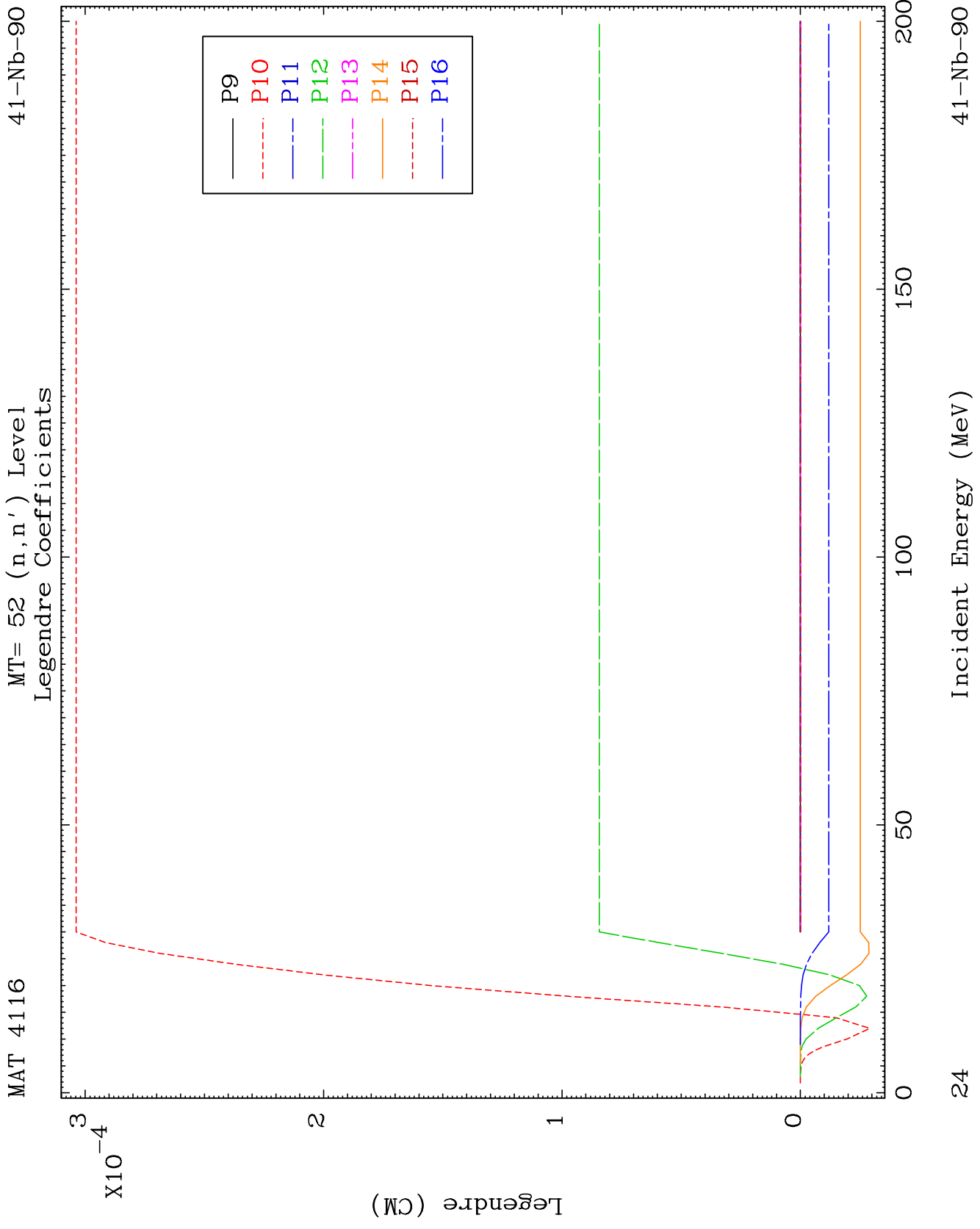
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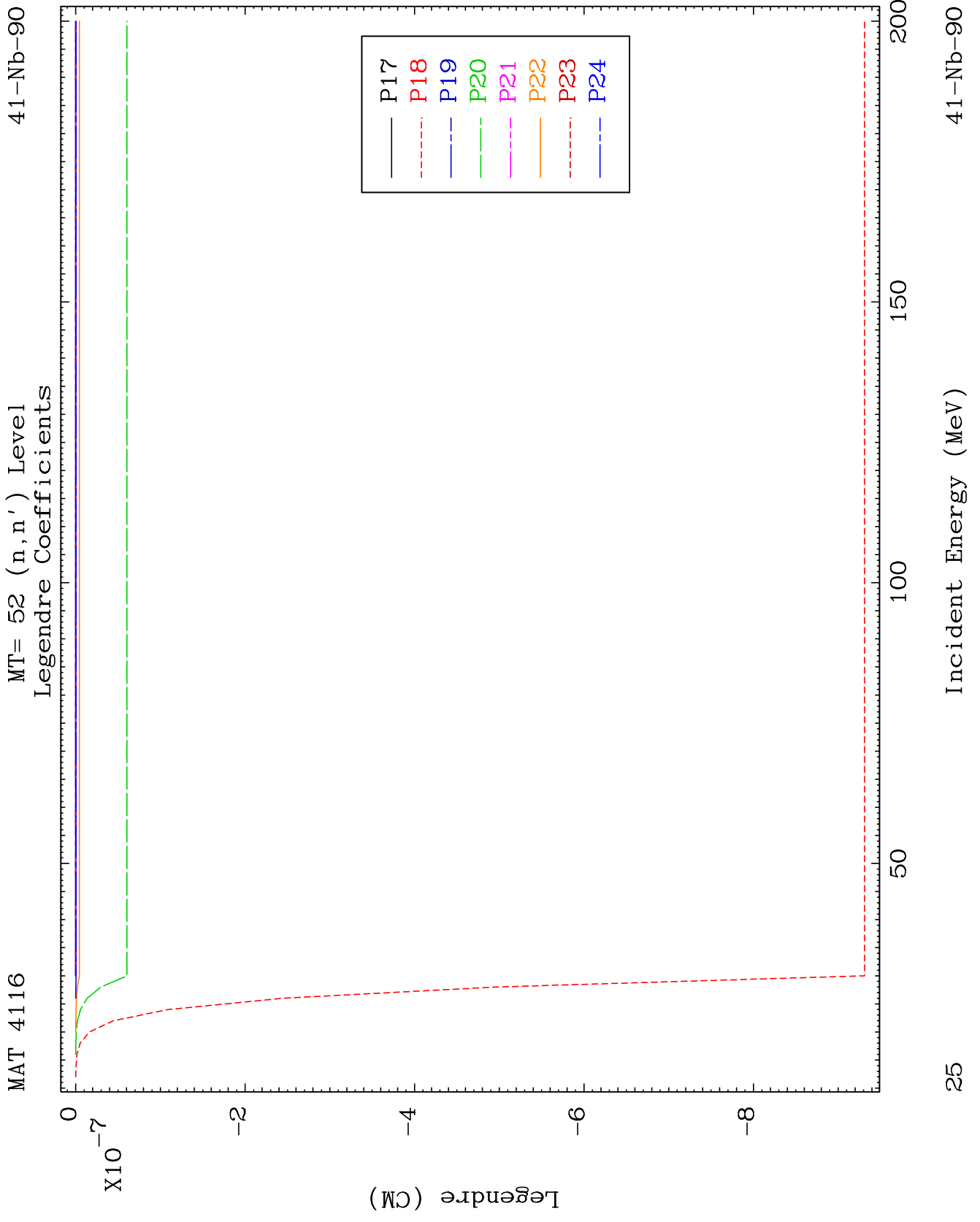


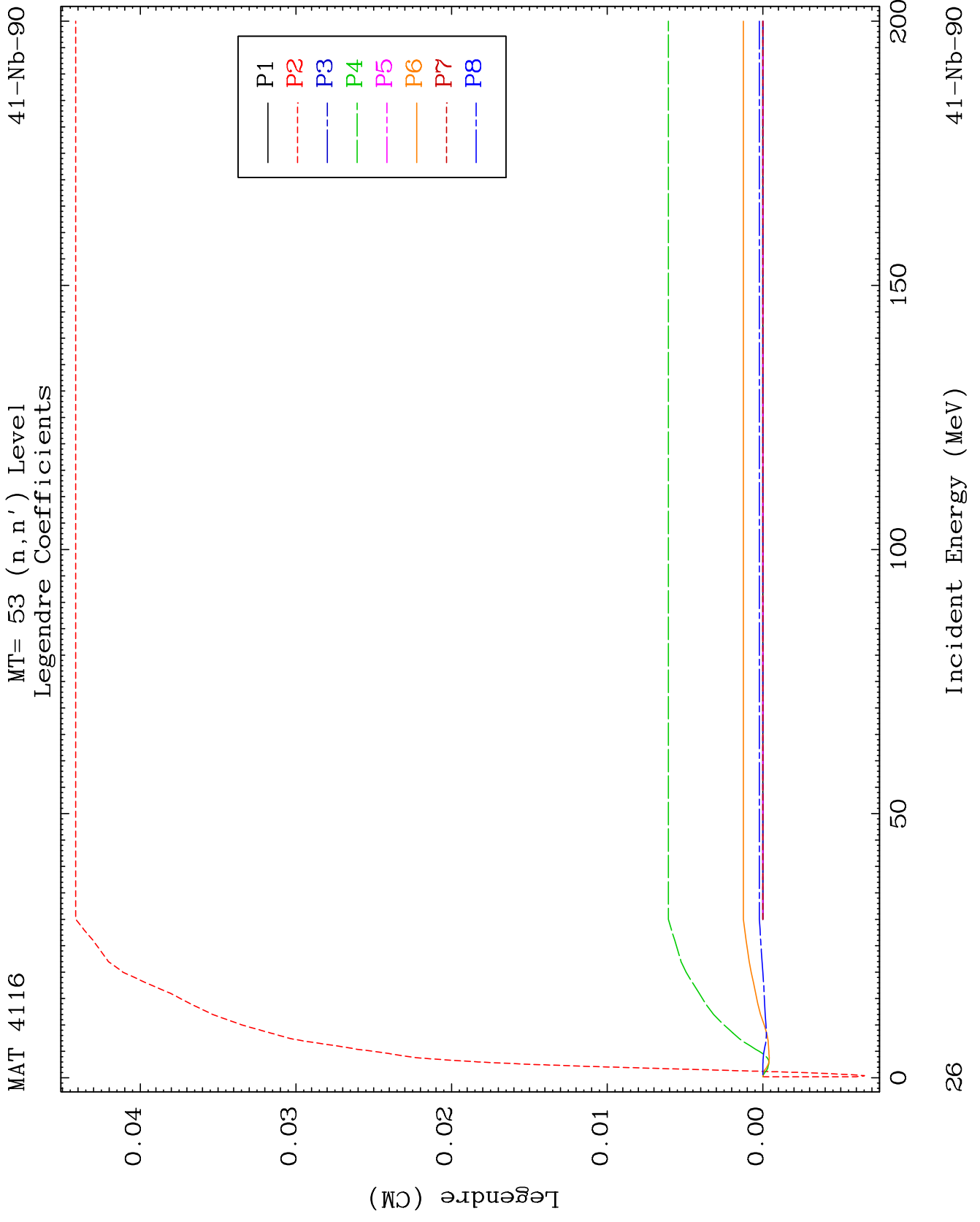
22

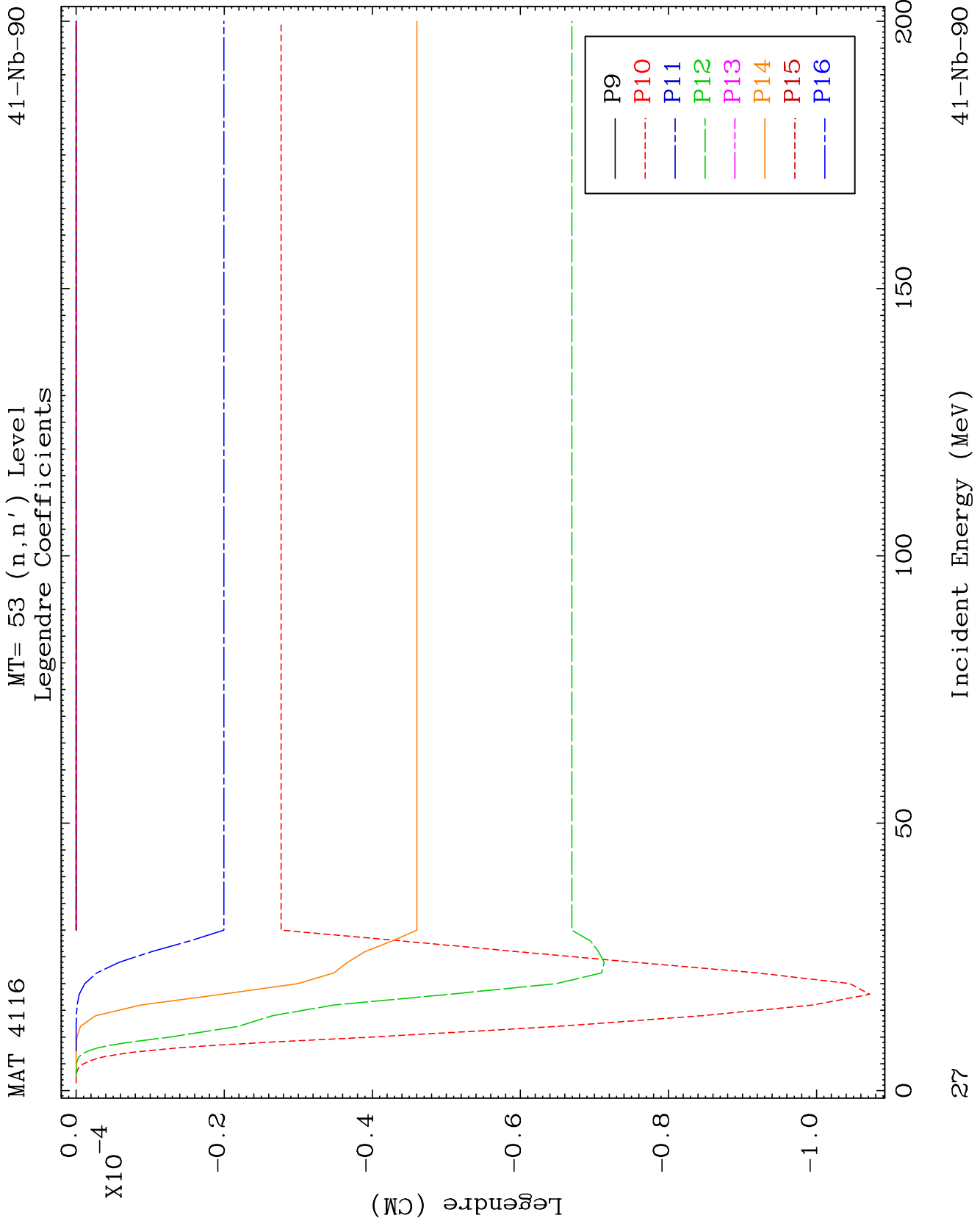


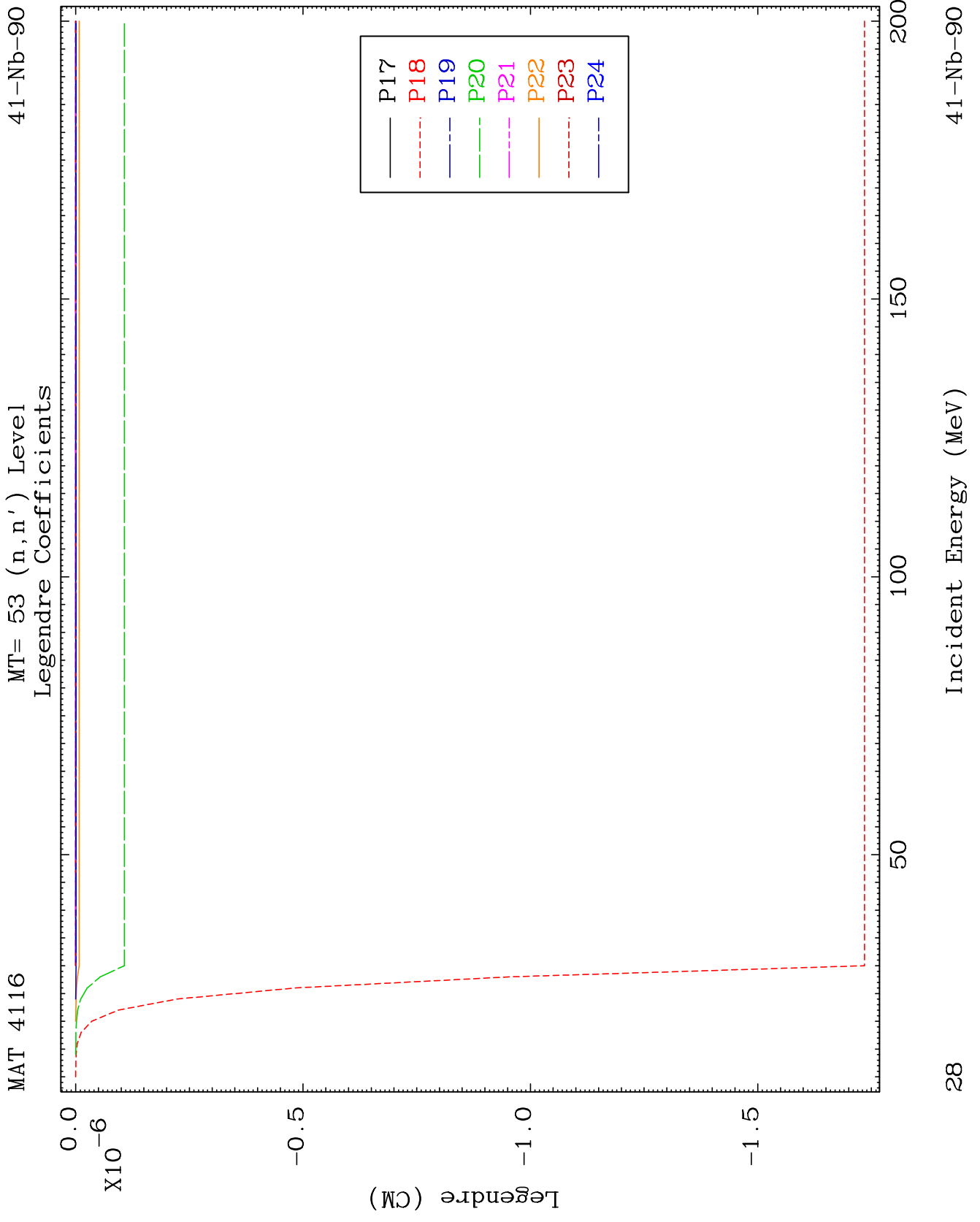








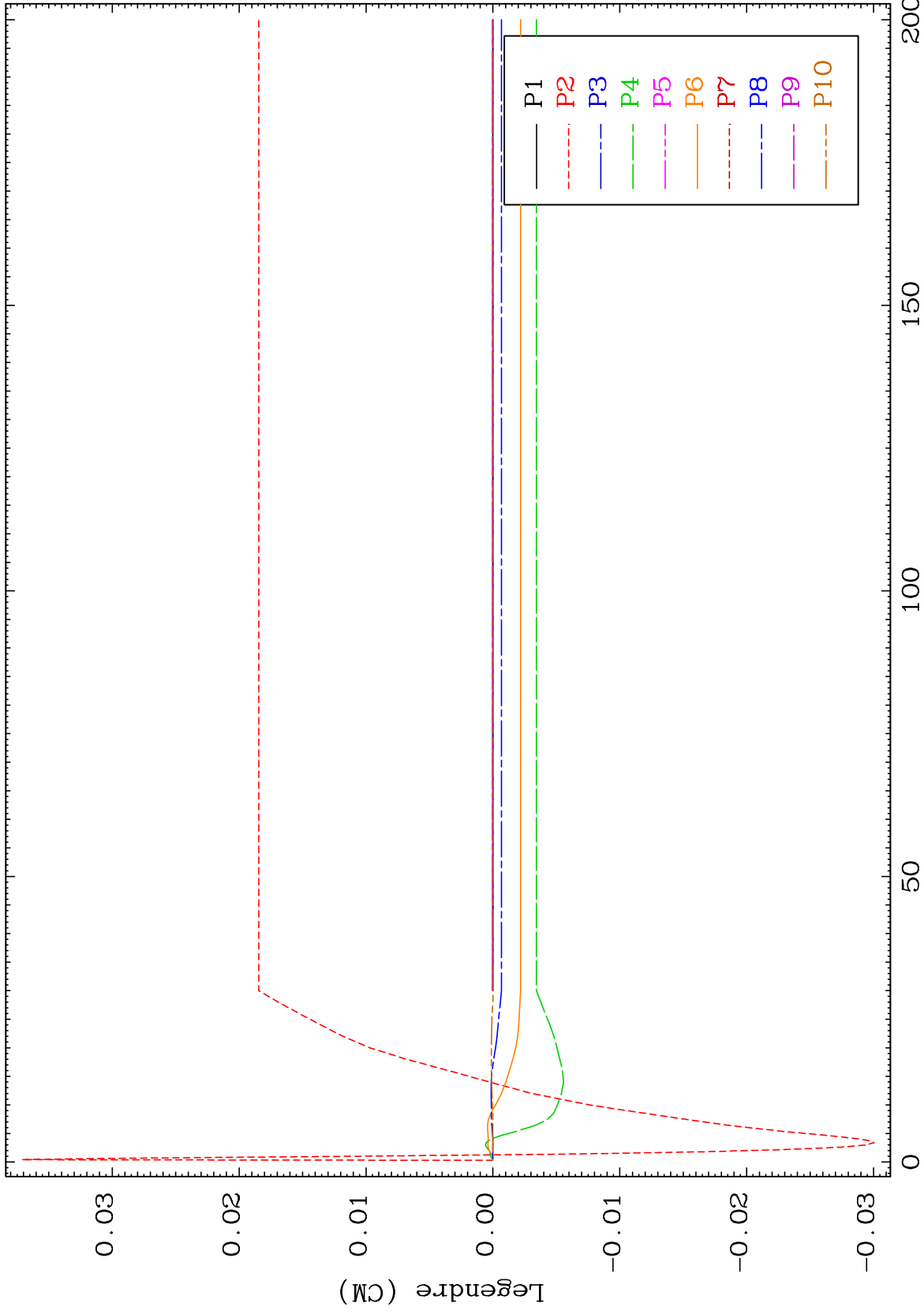




MAT 4116

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

41-Nb-90



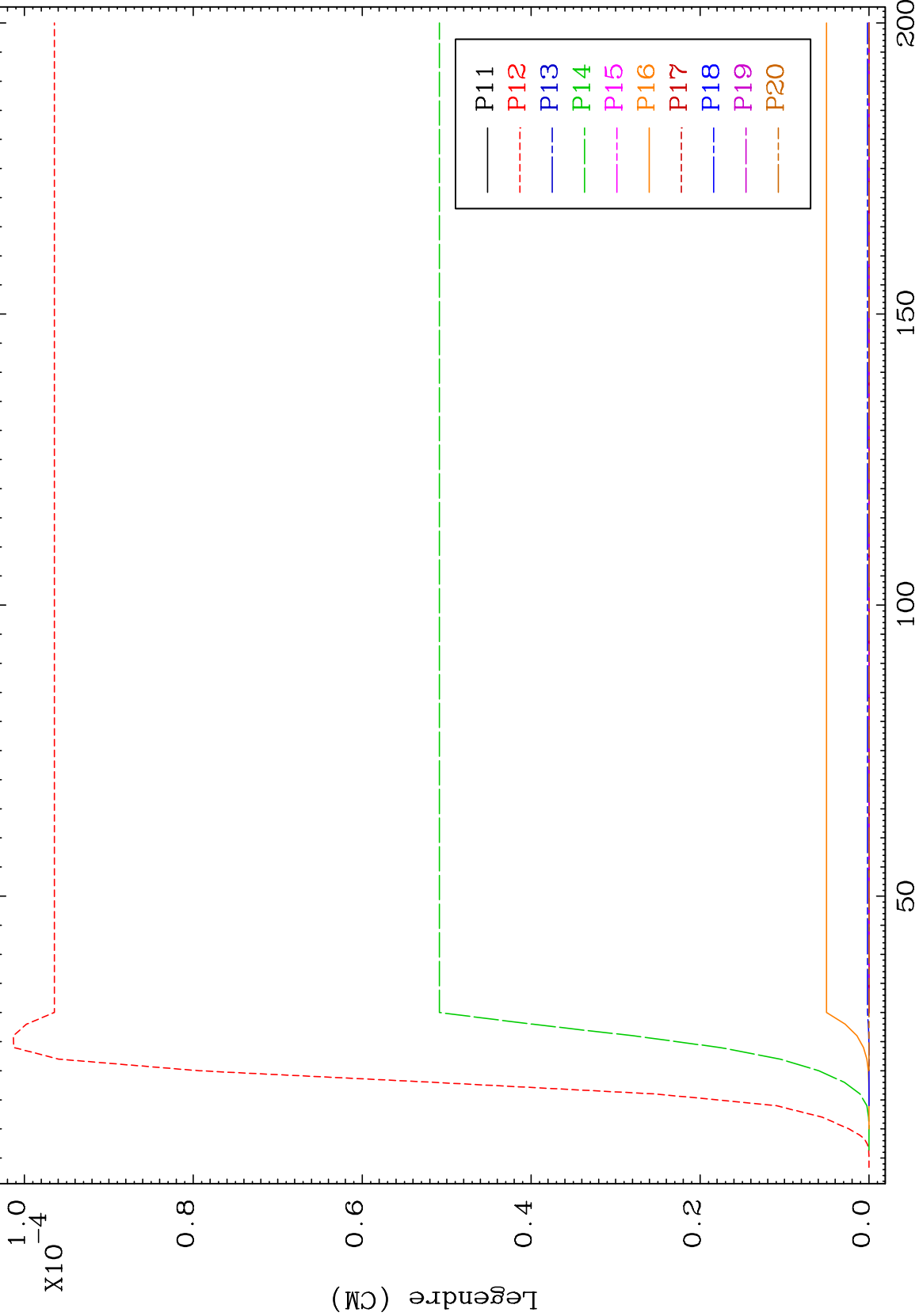
29

41-Nb-90

MAT 4116

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

41-Nb-90



30

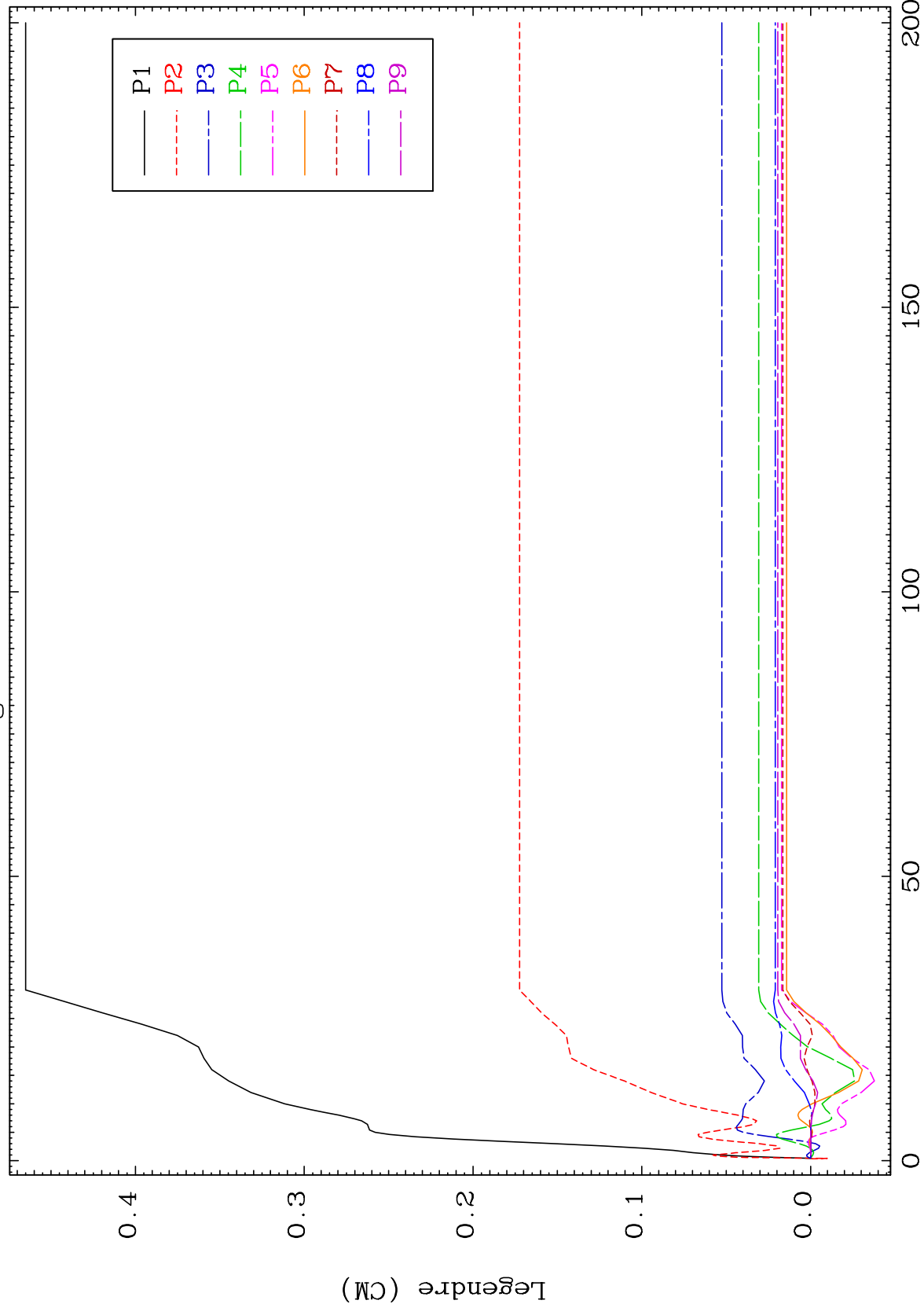
Incident Energy (MeV)

41-Nb-90

MAT 4116

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

41-Nb-90

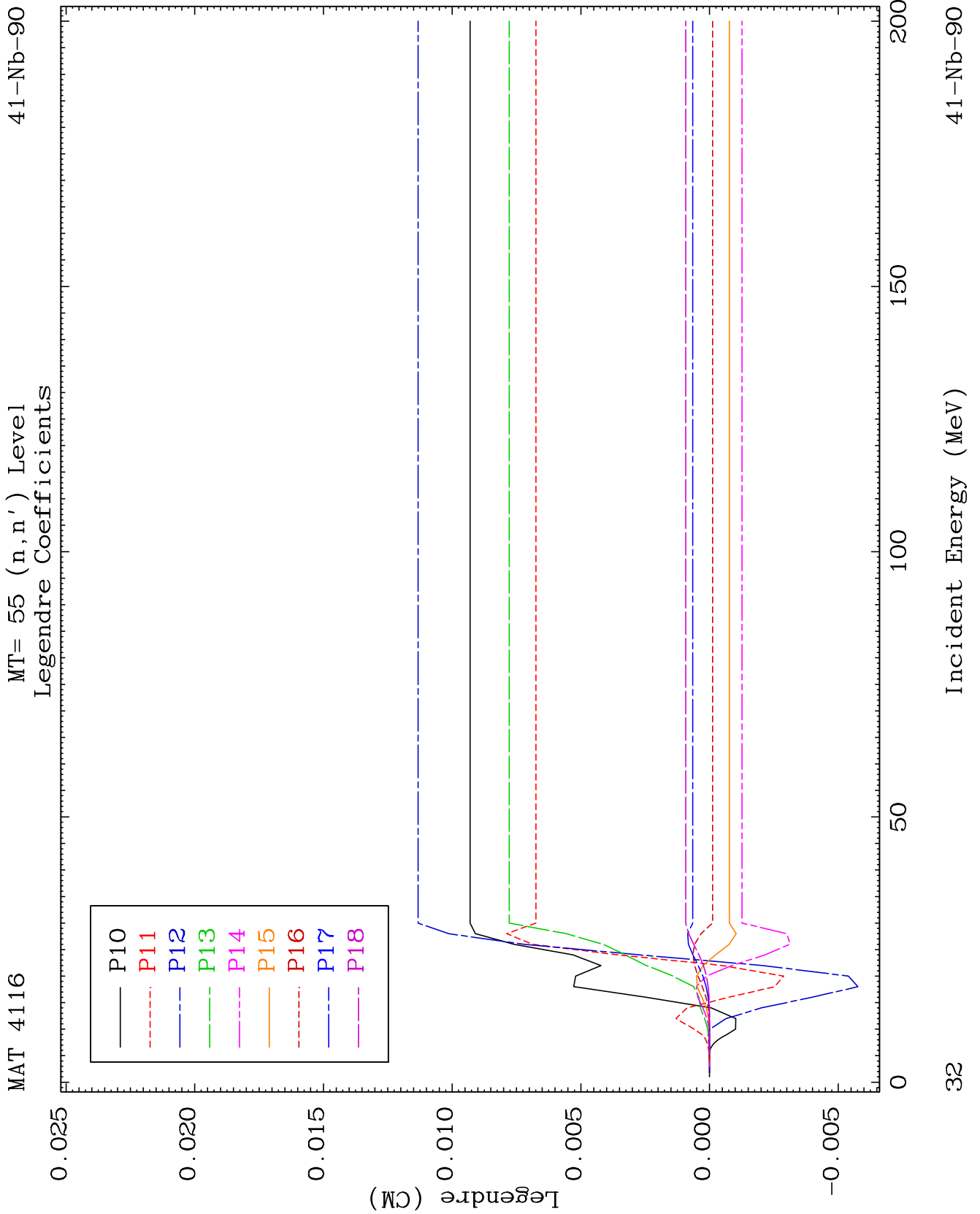


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Incident Energy (MeV)

41-Nb-90

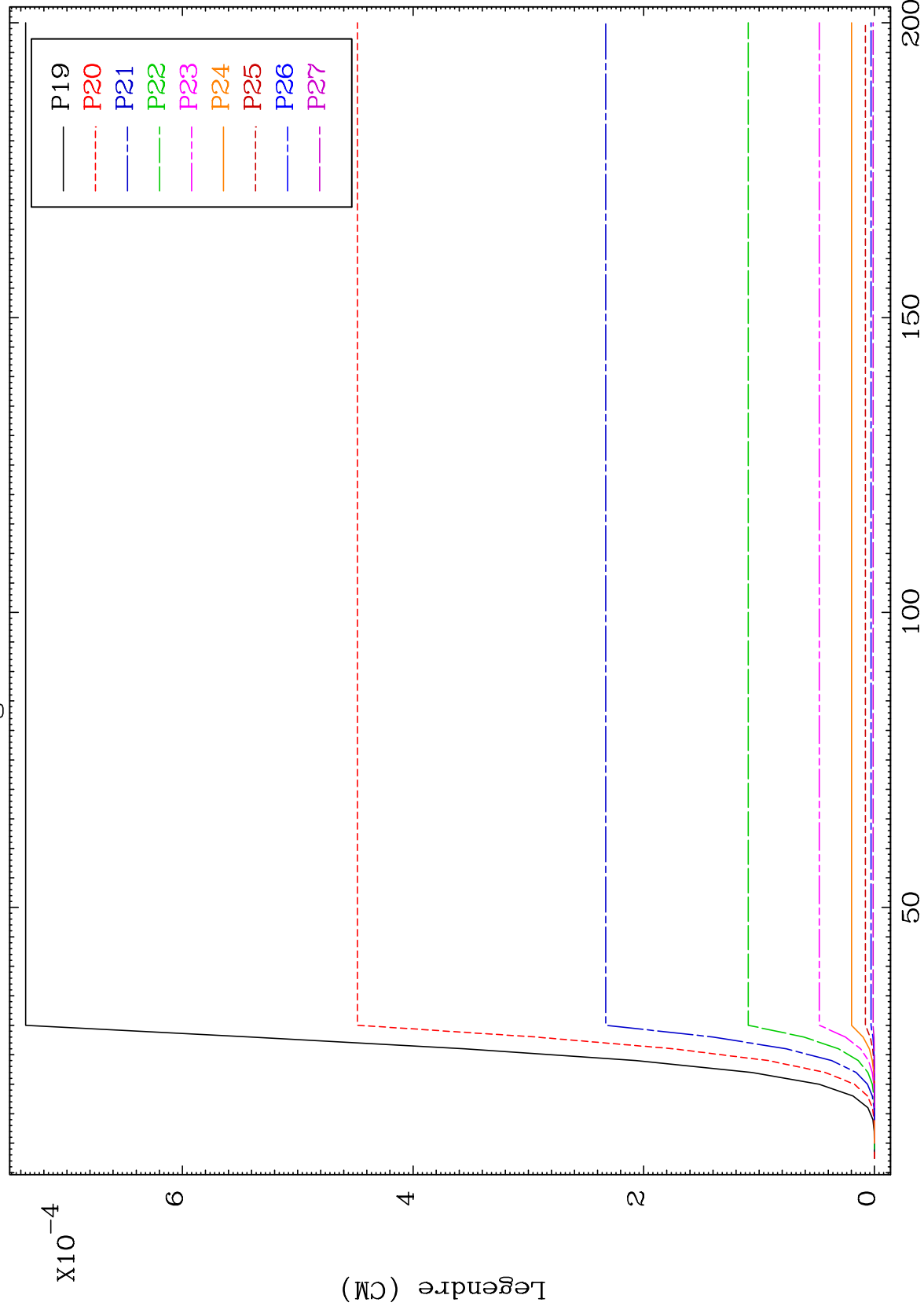




MAT 4116

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

41-Nb-90



33

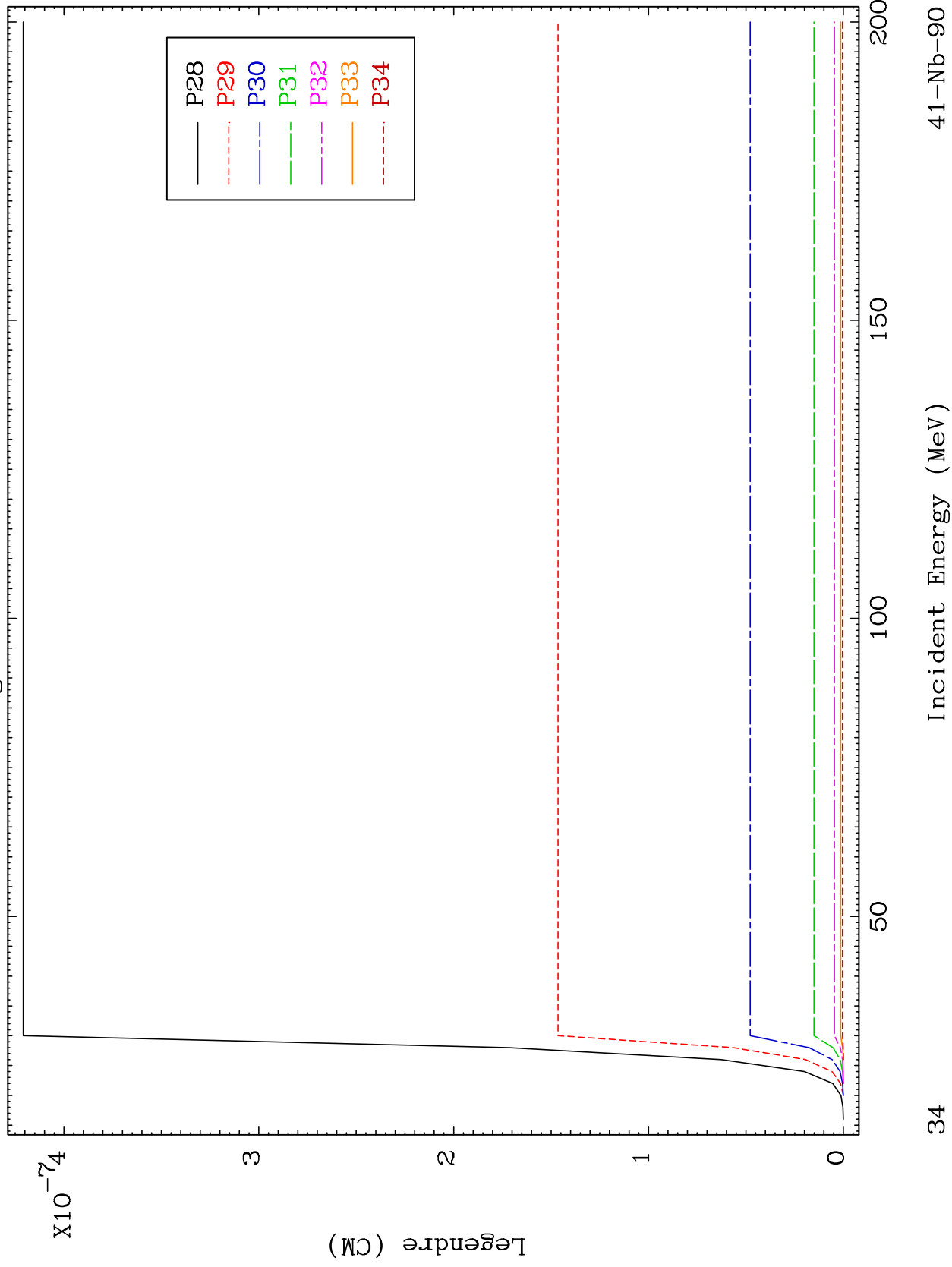
Incident Energy (MeV)

41-Nb-90

MAT 4116

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

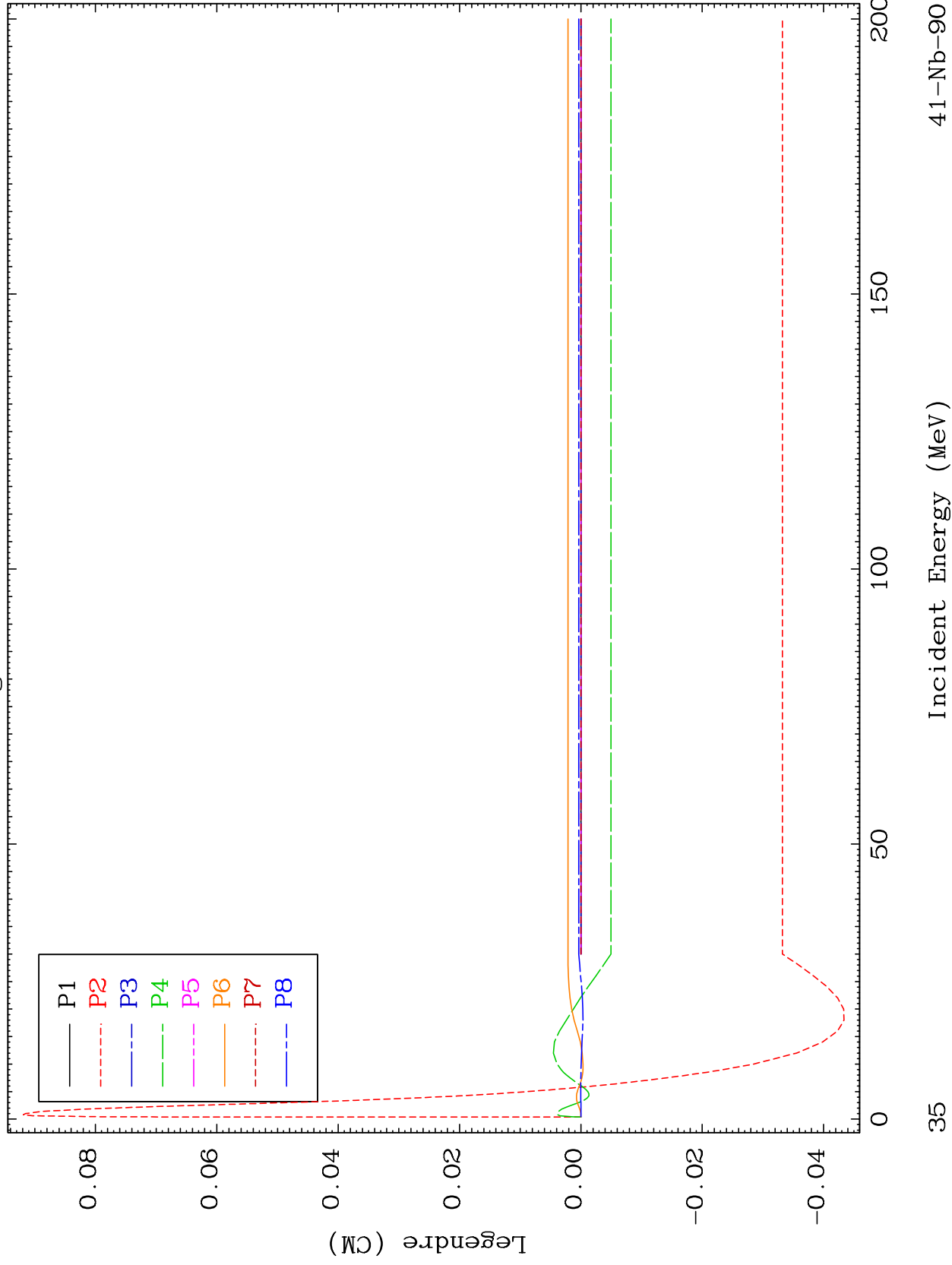
41-Nb-90



MAT 4116

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

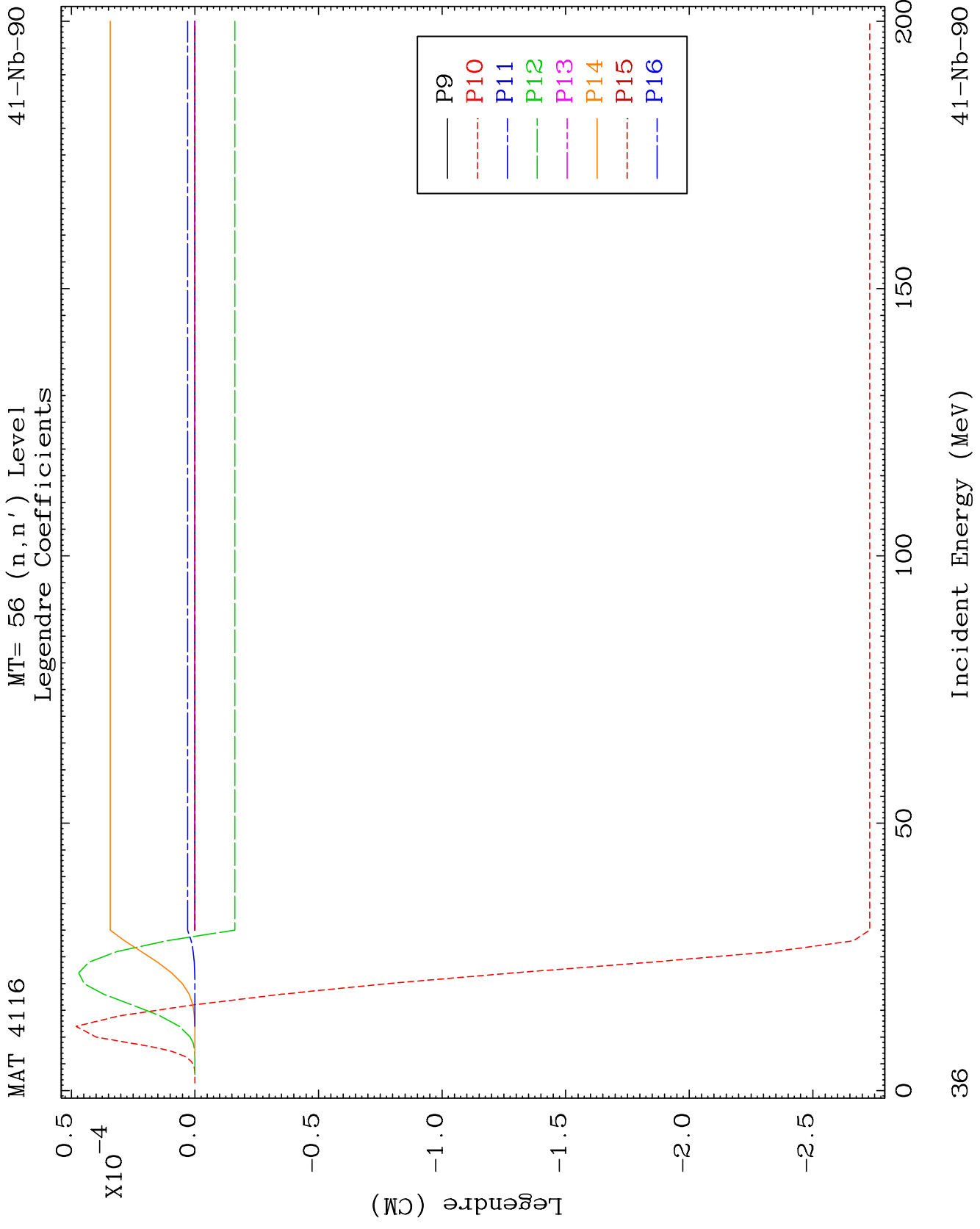
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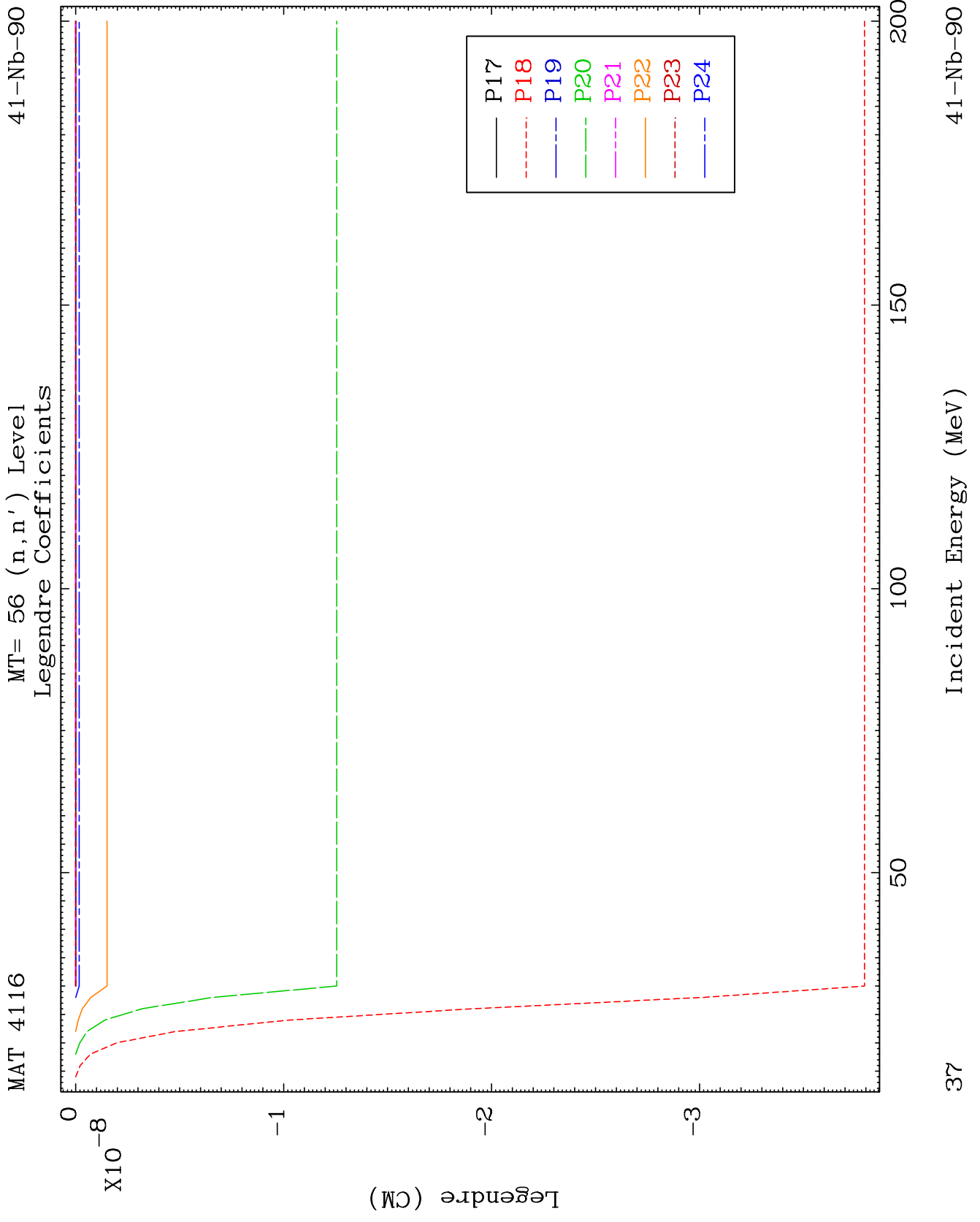


41-Nb-90

Incident Energy (MeV)

35

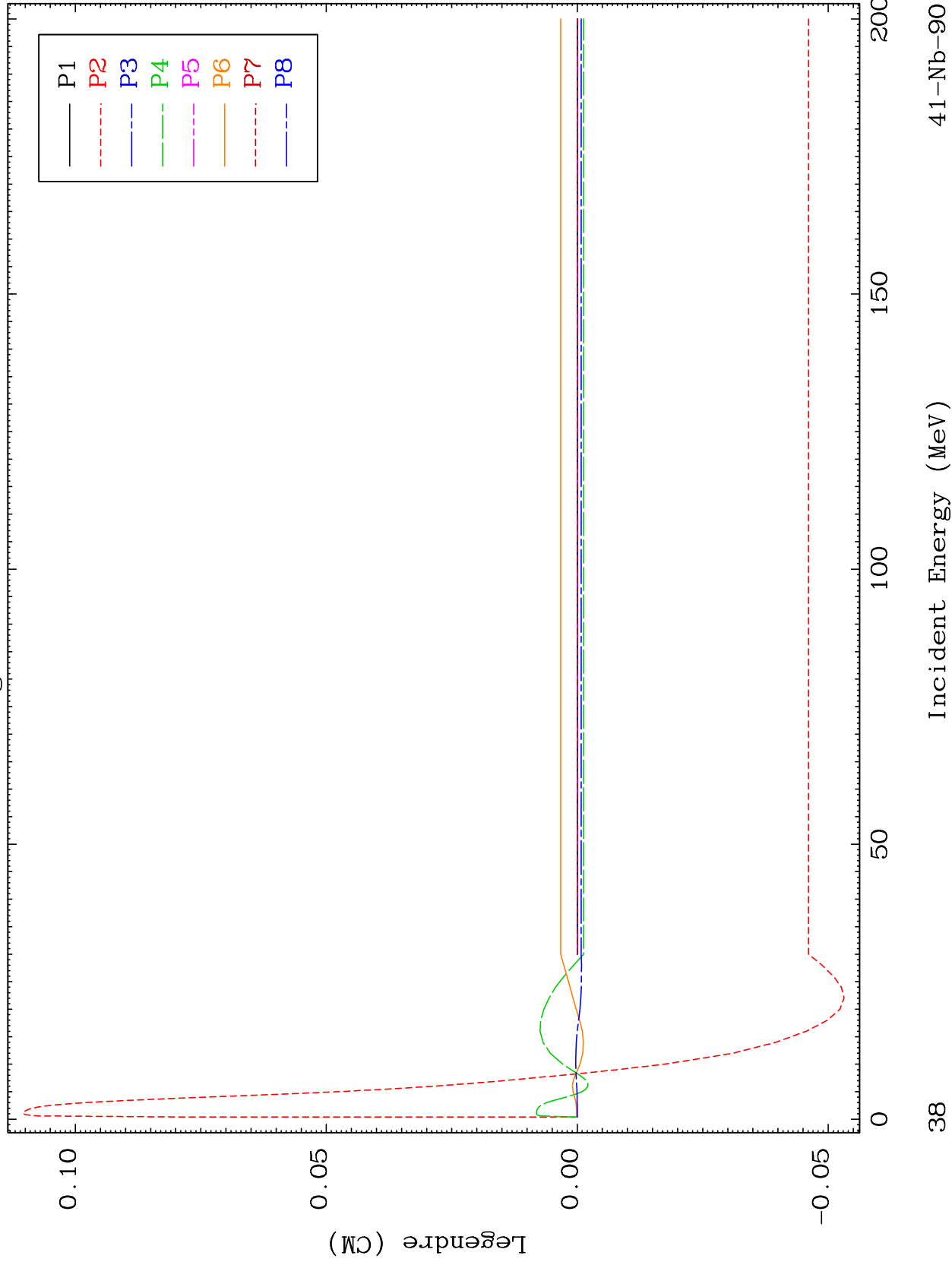




MAT 4116

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

41-Nb-90



41-Nb-90

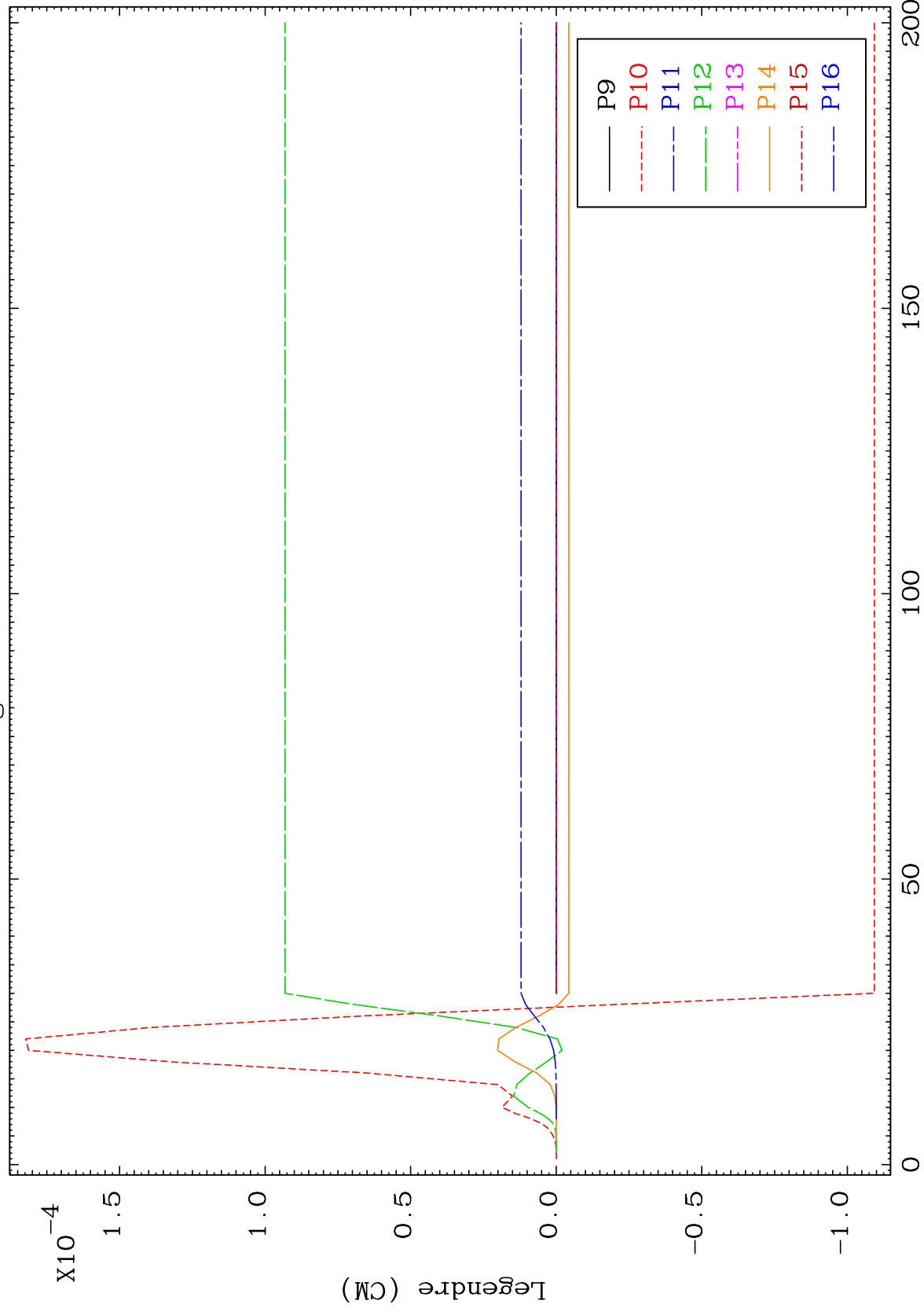
Incident Energy (MeV)

38

MAT 4116

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

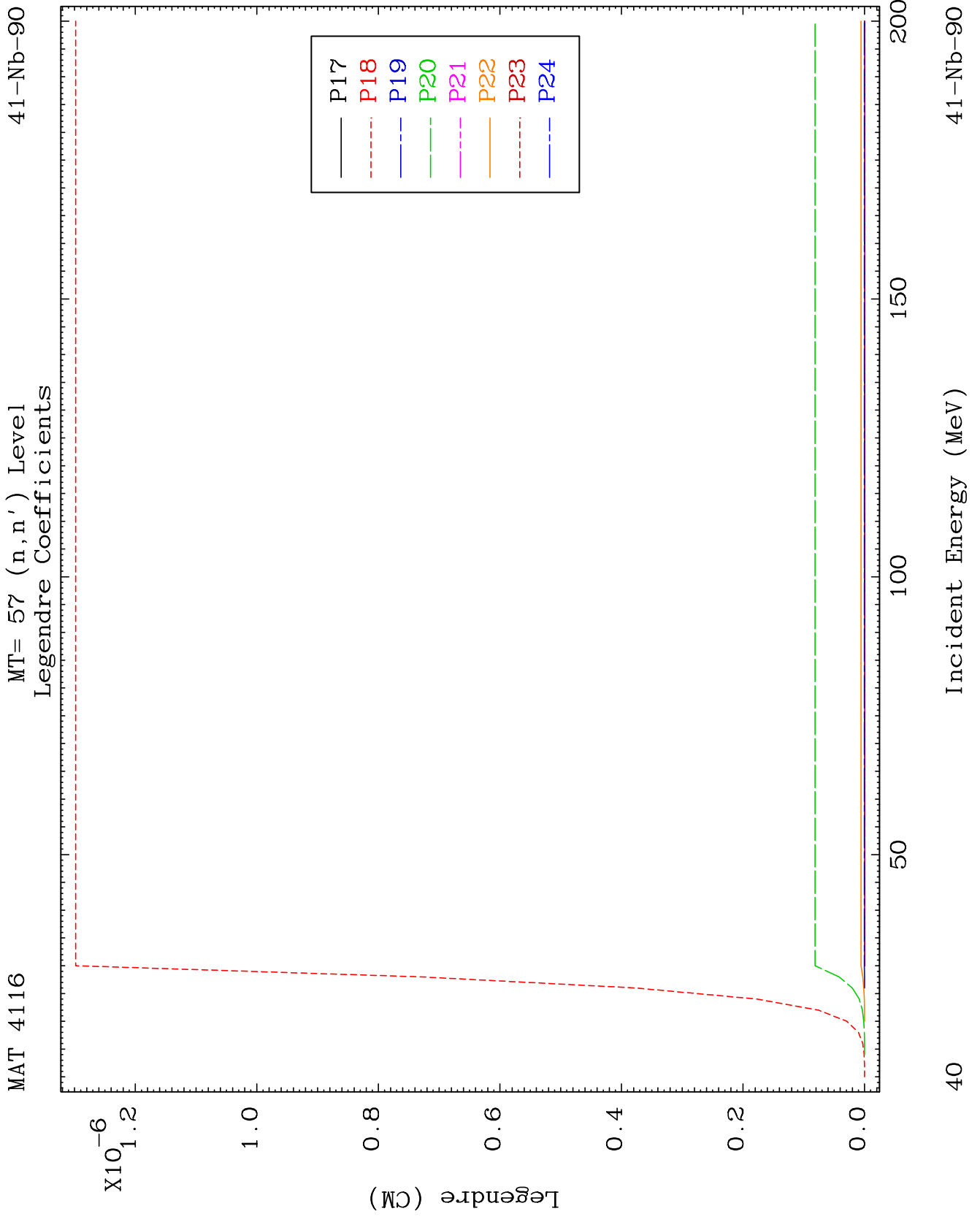
41-Nb-90



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41-Nb-90

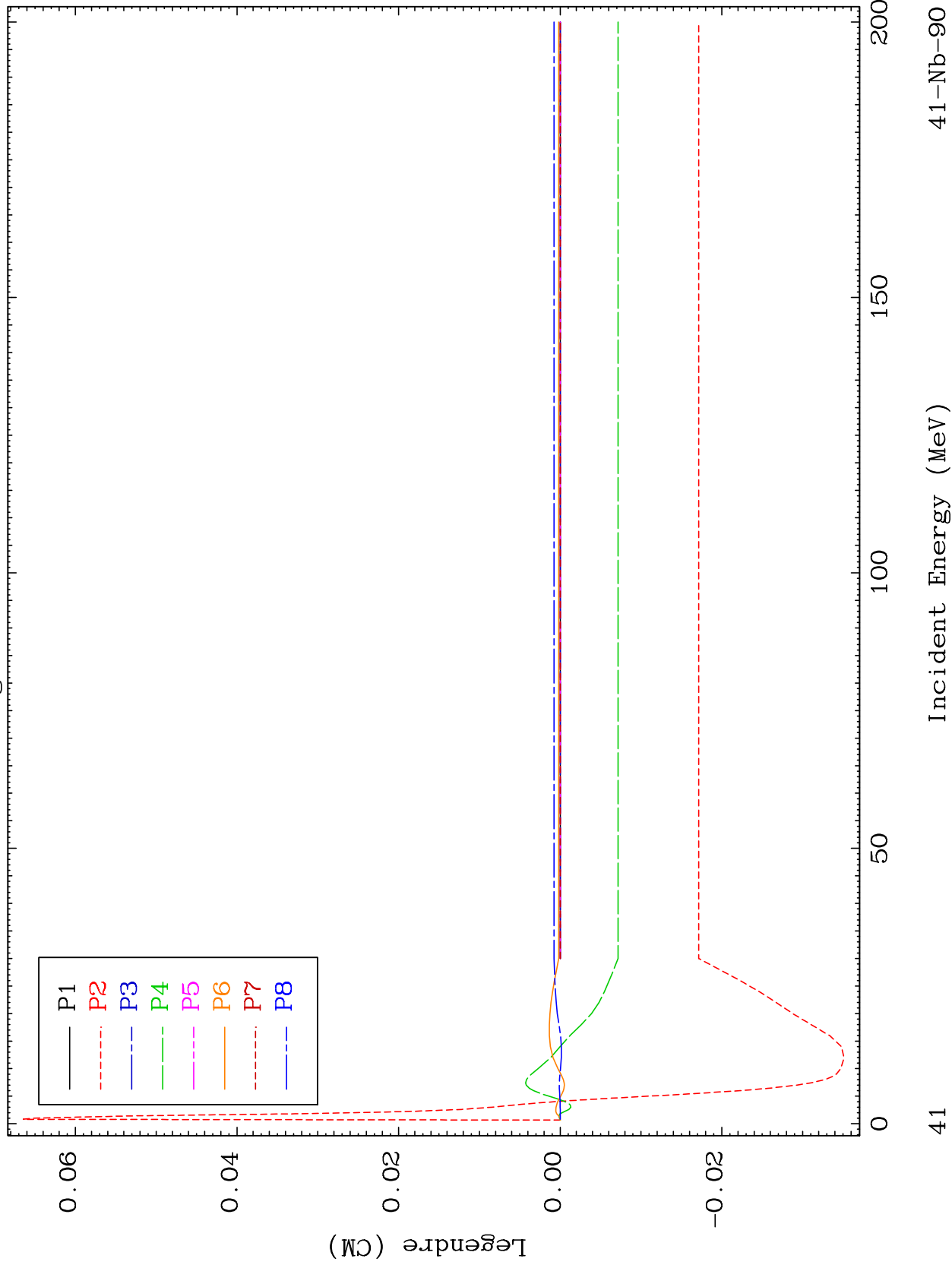




MAT 4116

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

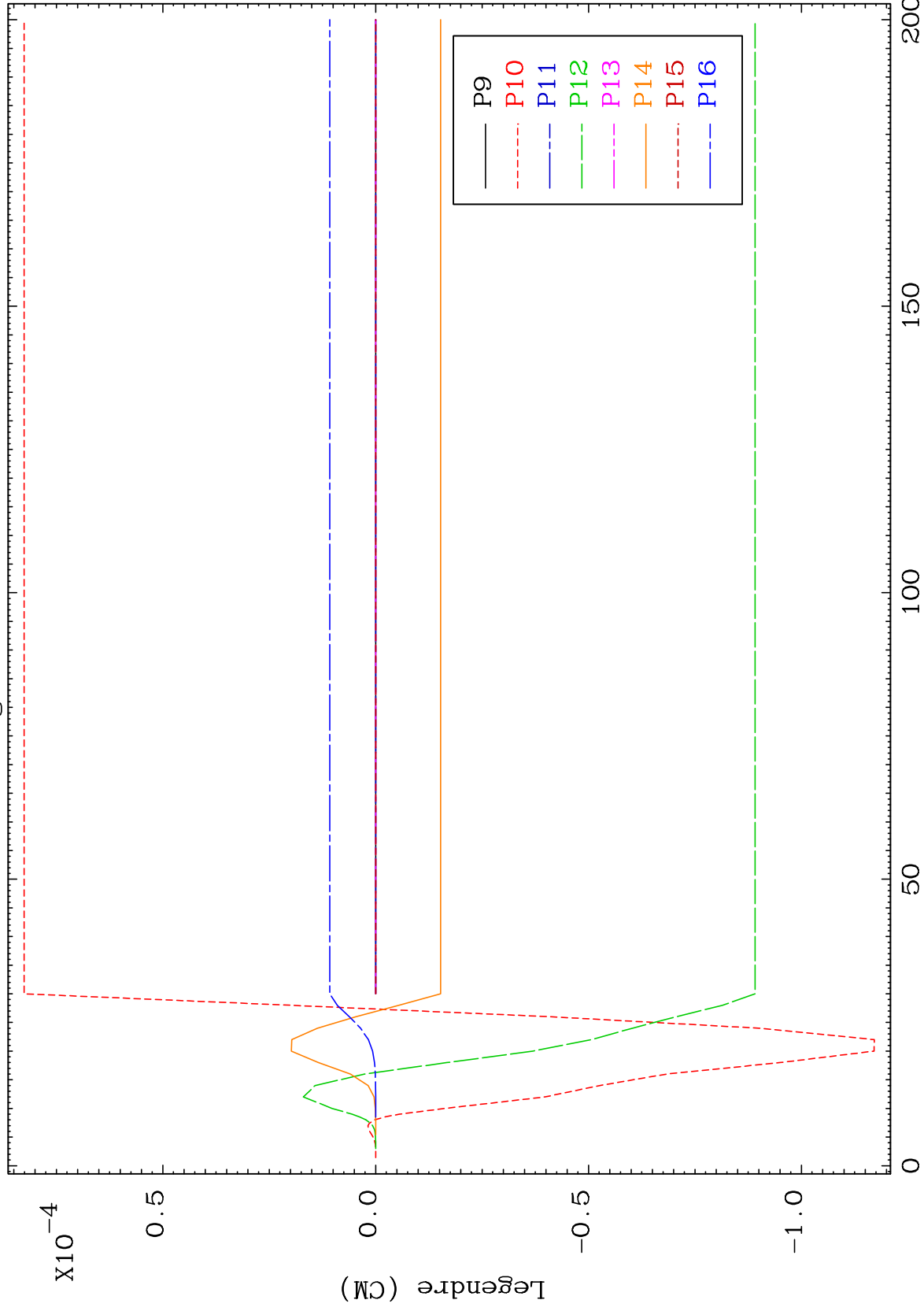
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MAT 4116

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

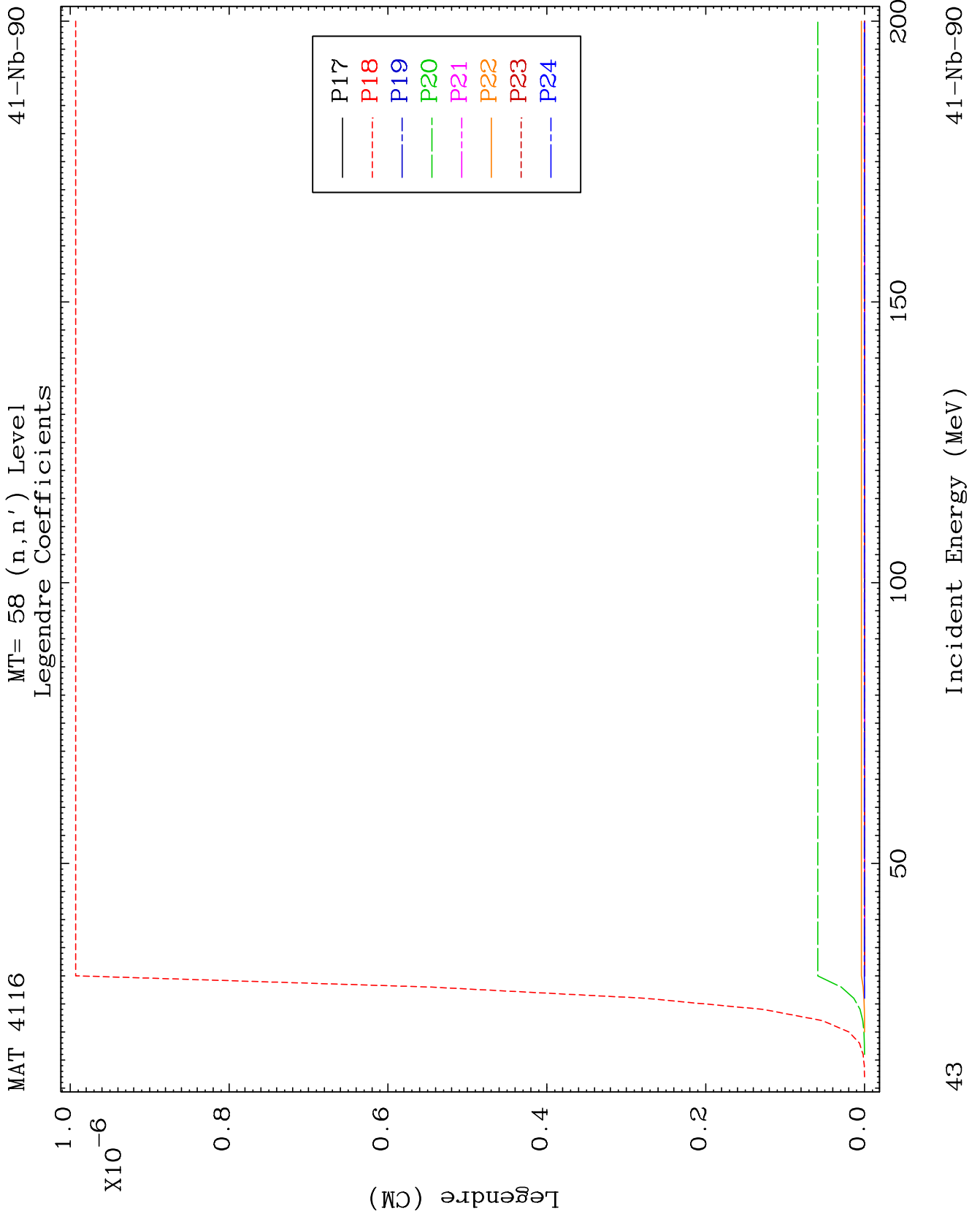
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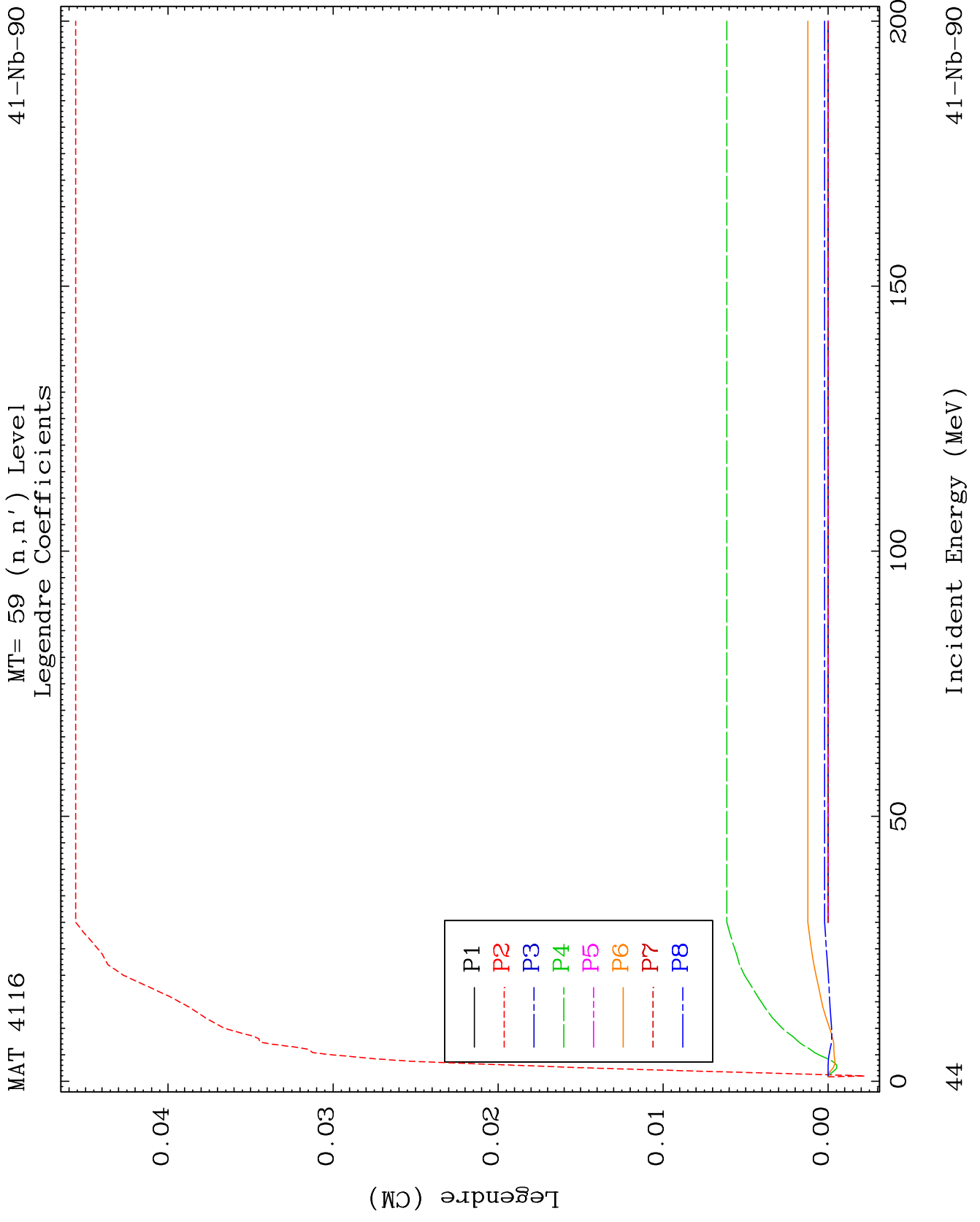


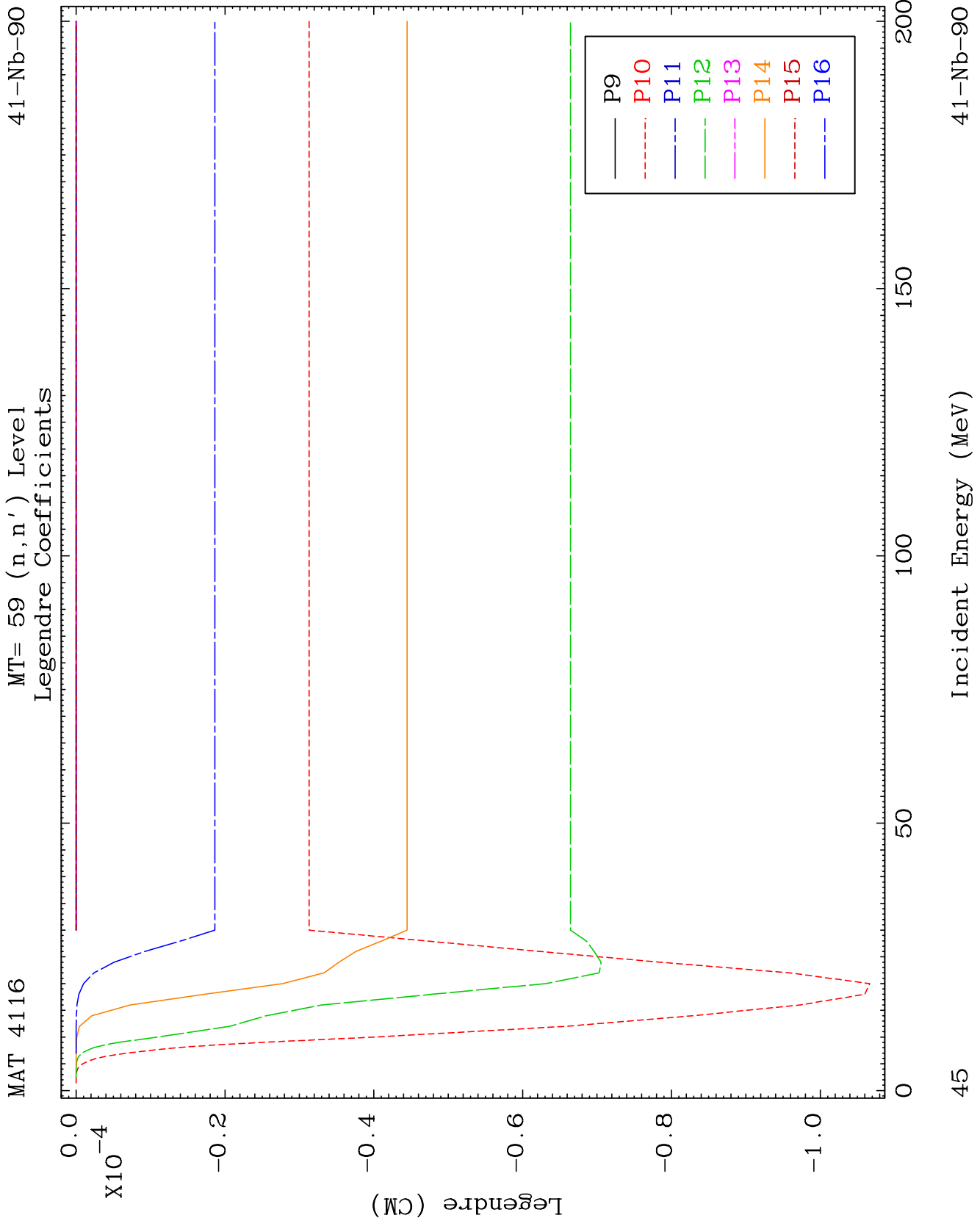
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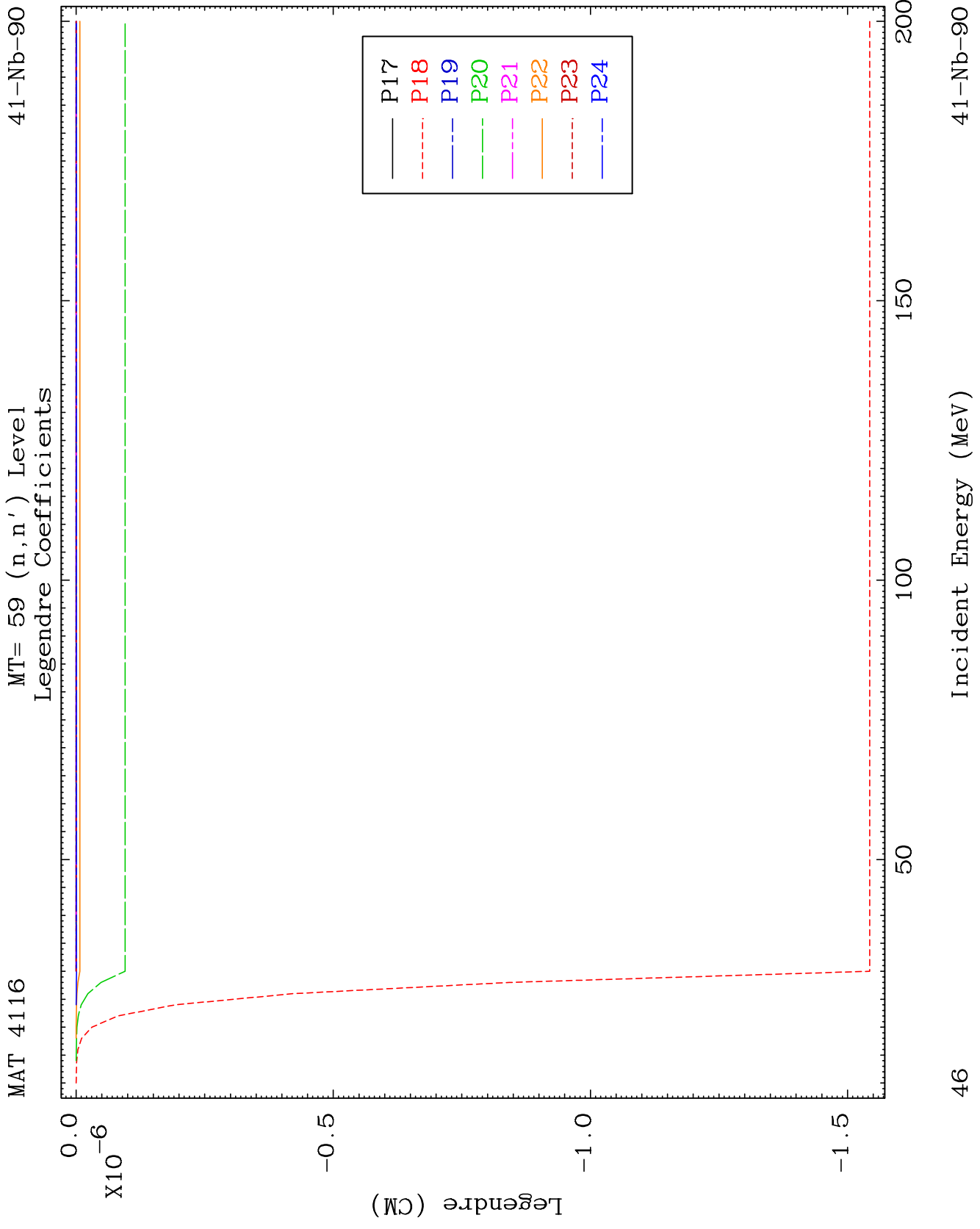
Incident Energy (MeV)

41-Nb-90



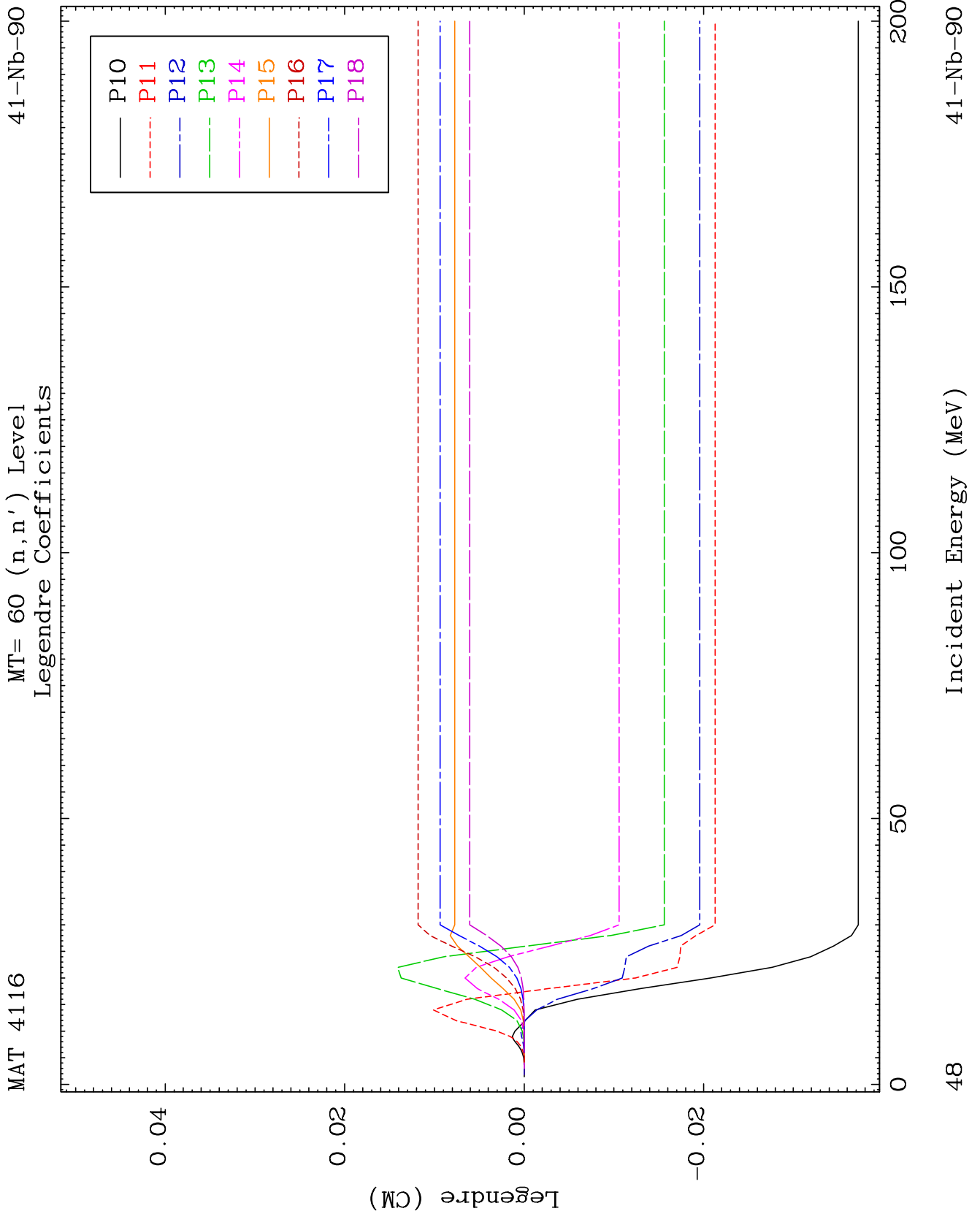








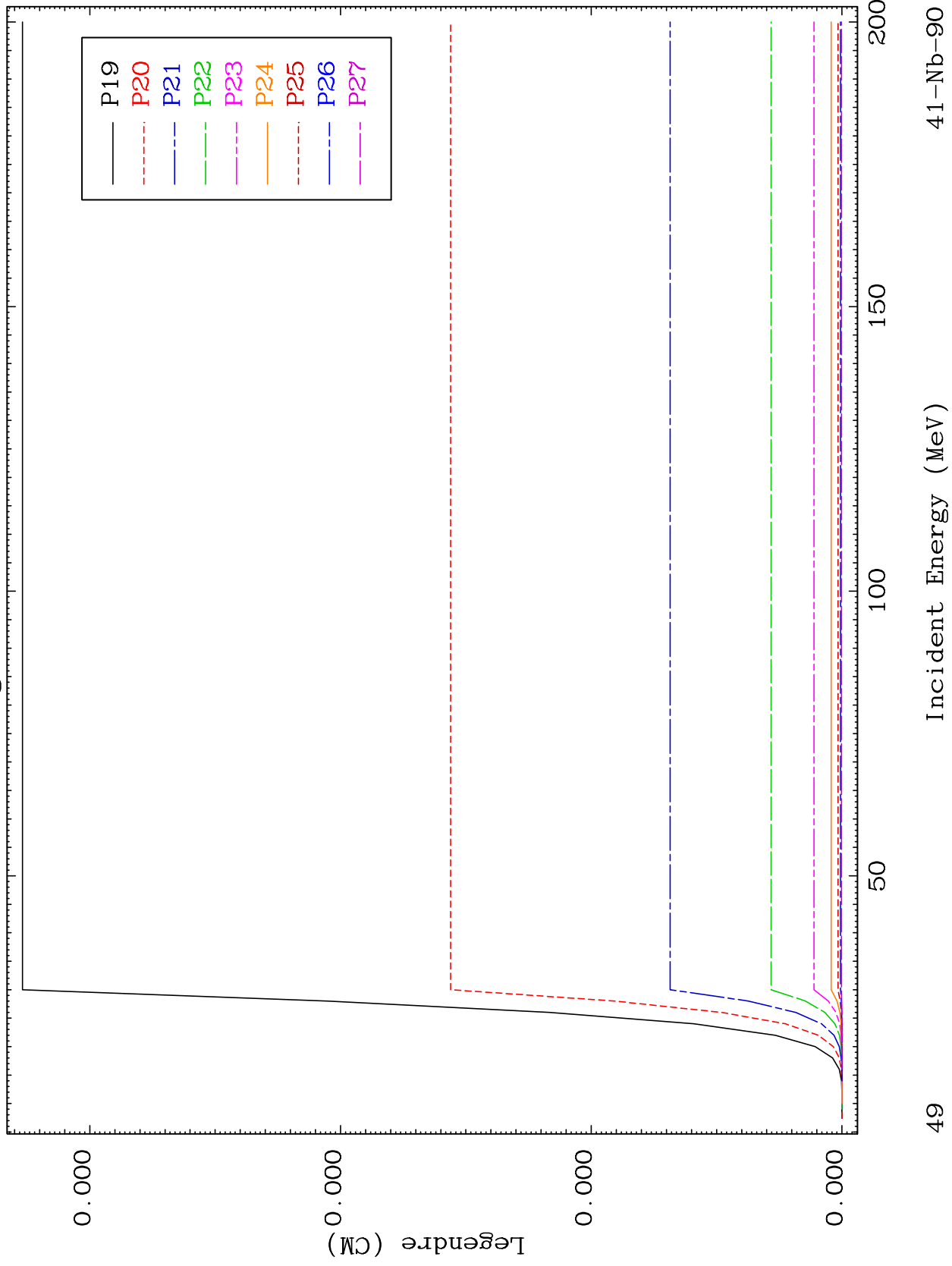


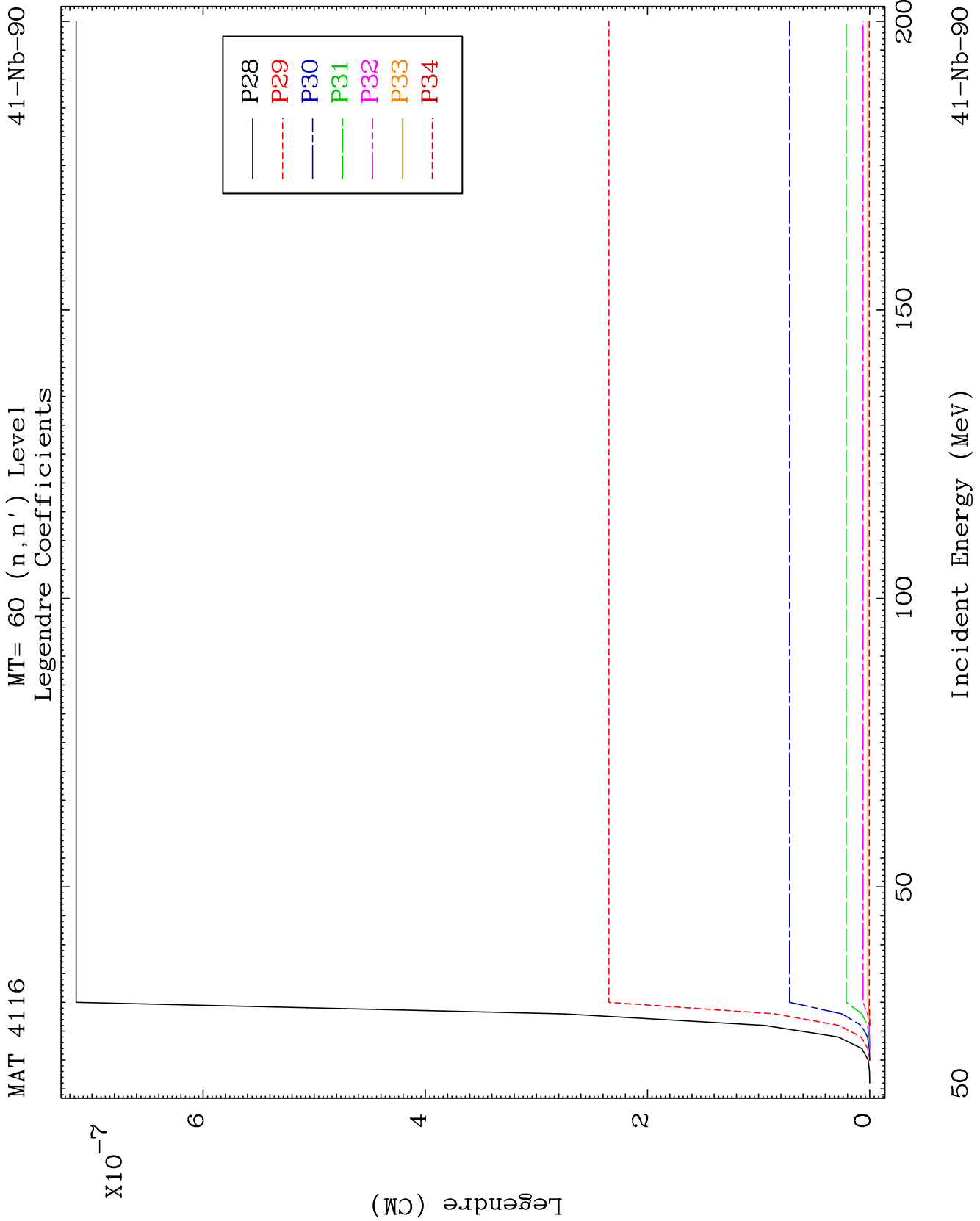


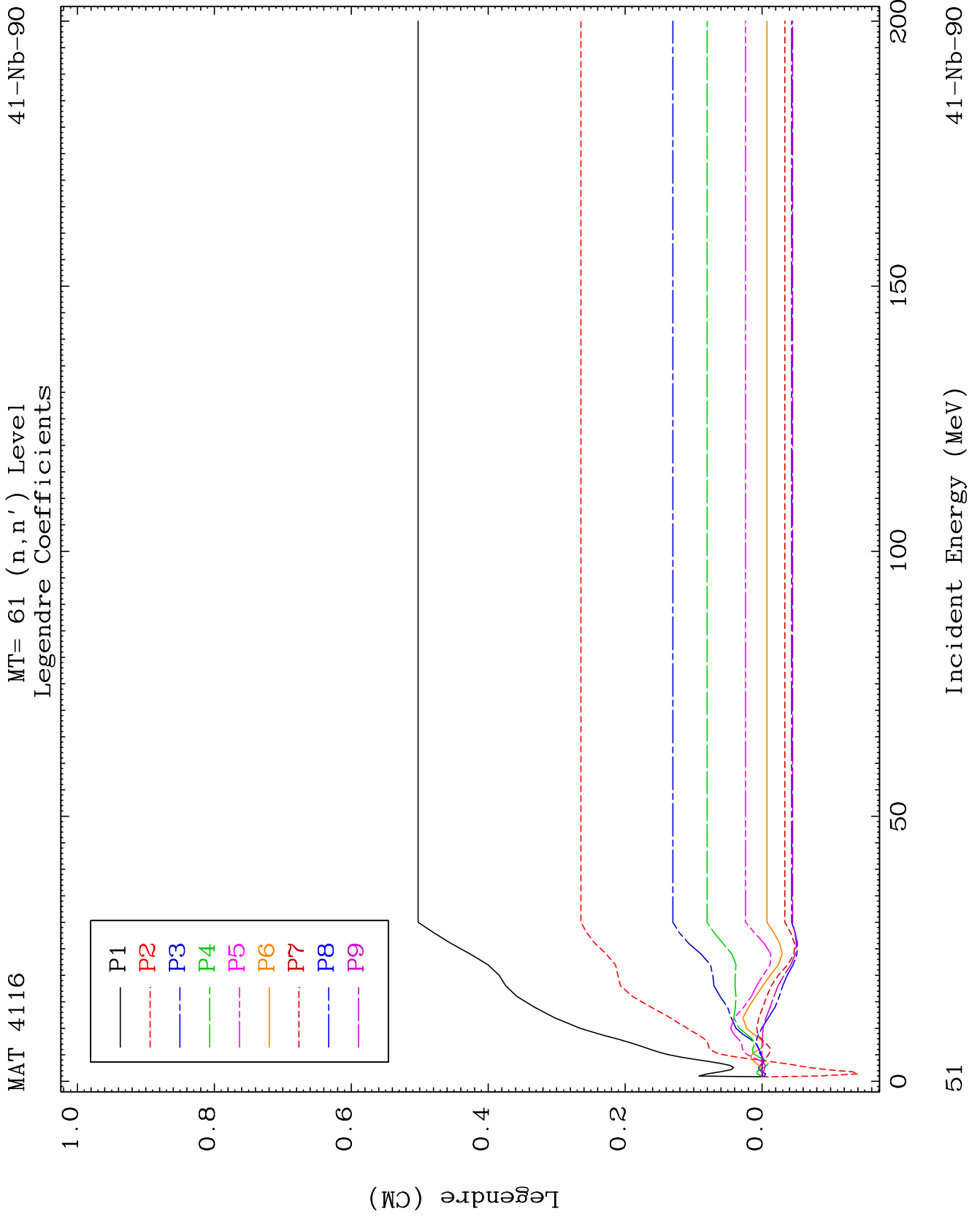
MAT 4116

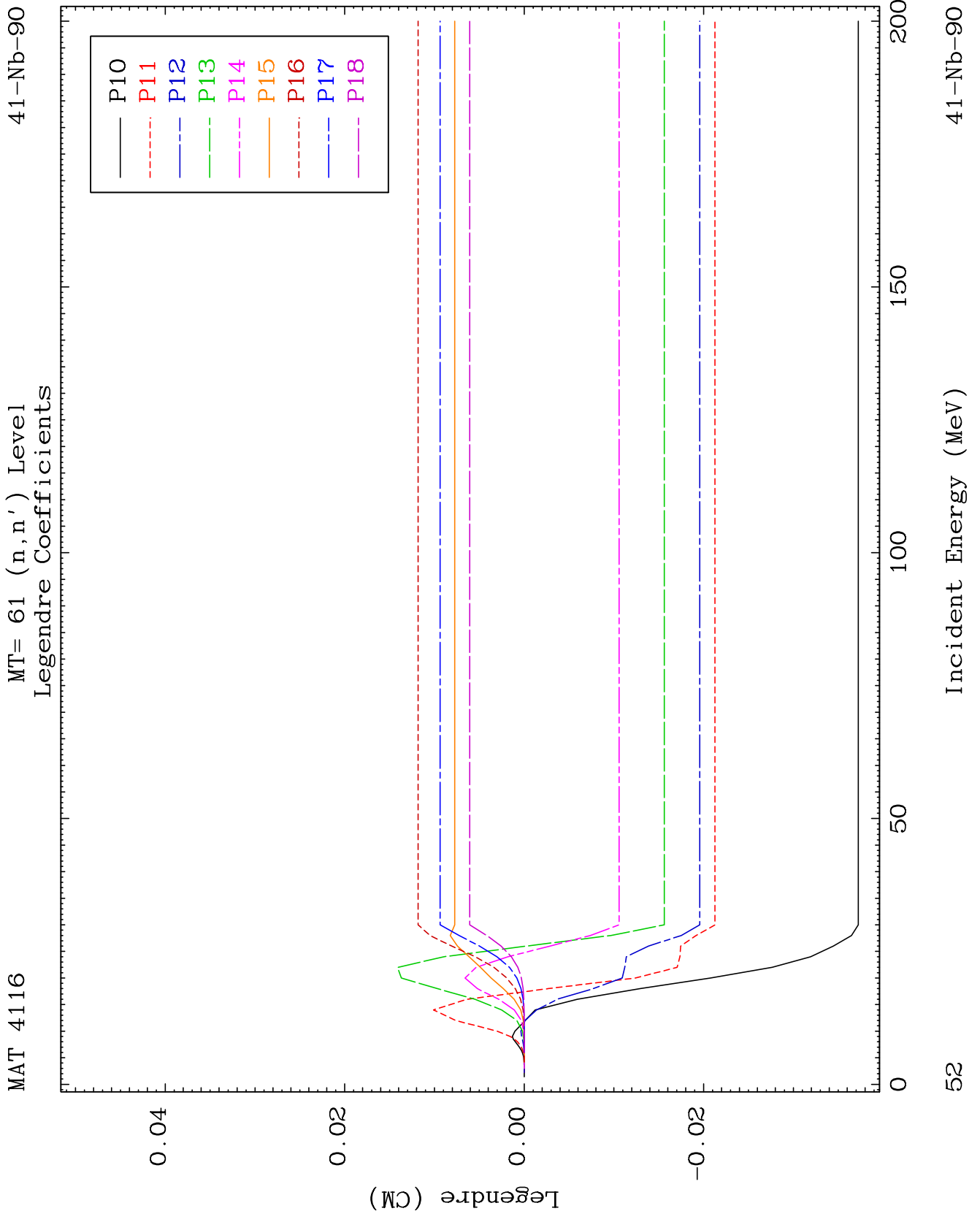
MT= 60 (n,n') Level  
Legendre Coefficients

41-Nb-90





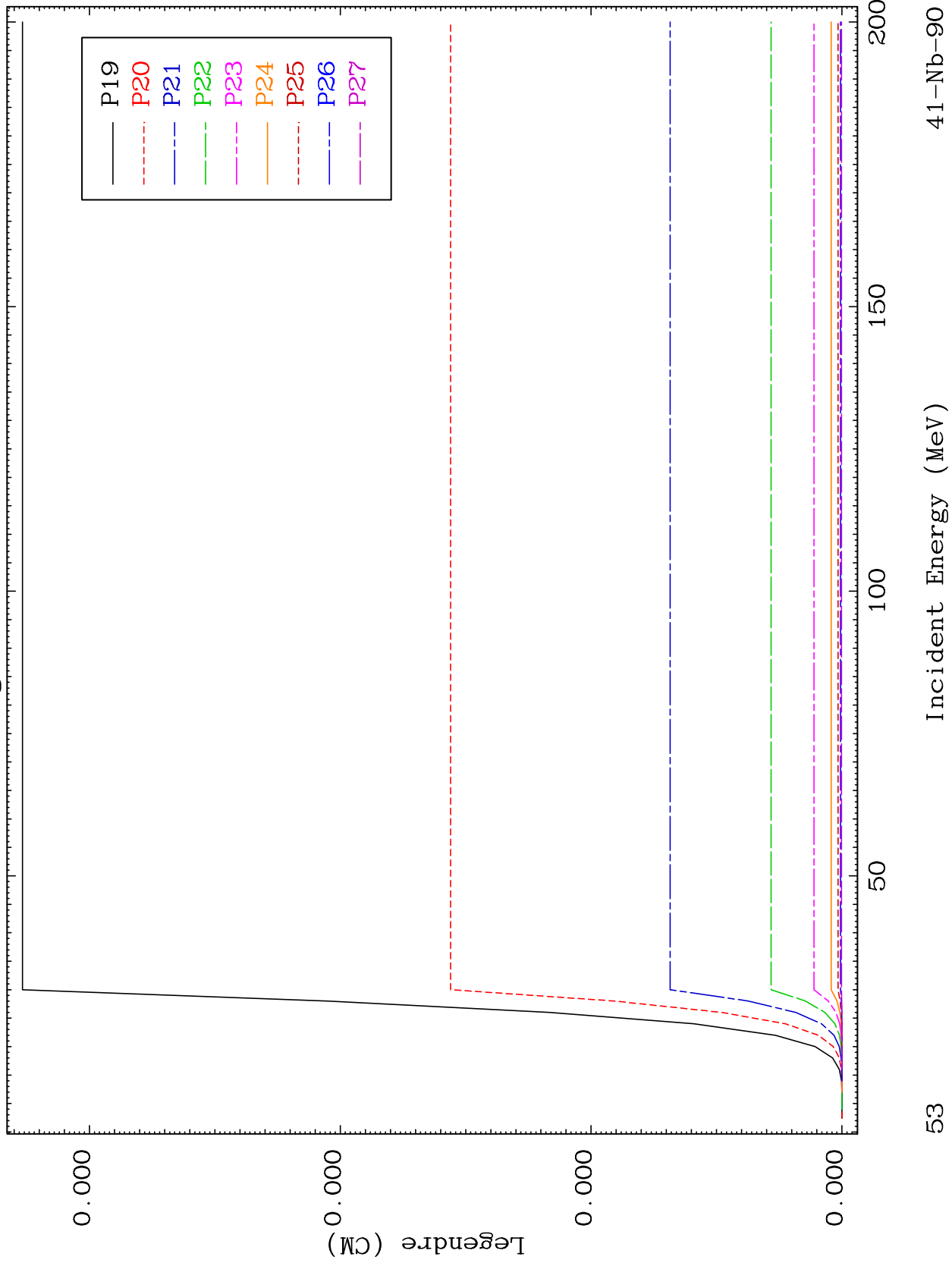




MAT 4116

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

41-Nb-90



53

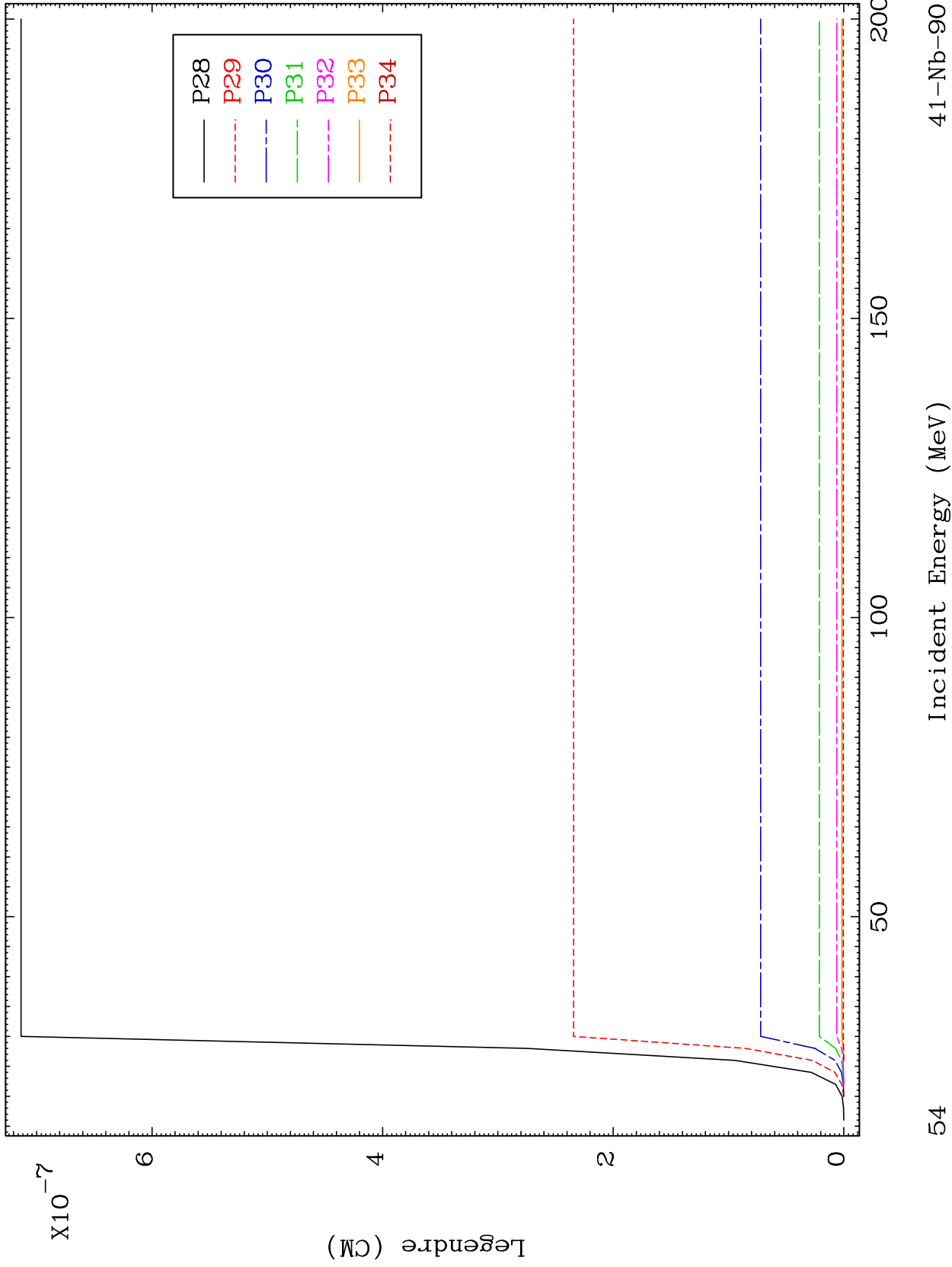
Incident Energy (MeV)

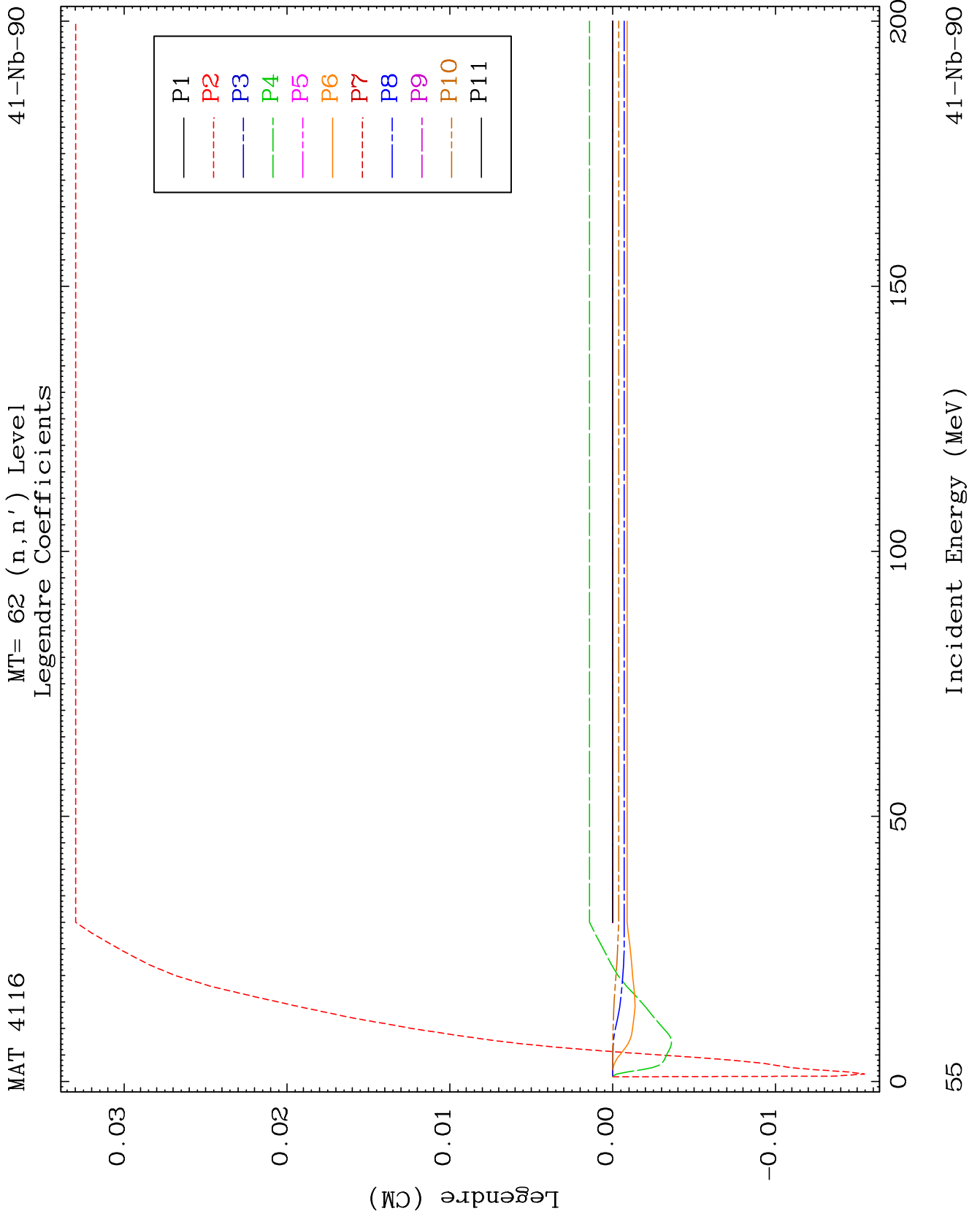
41-Nb-90

MAT 4116

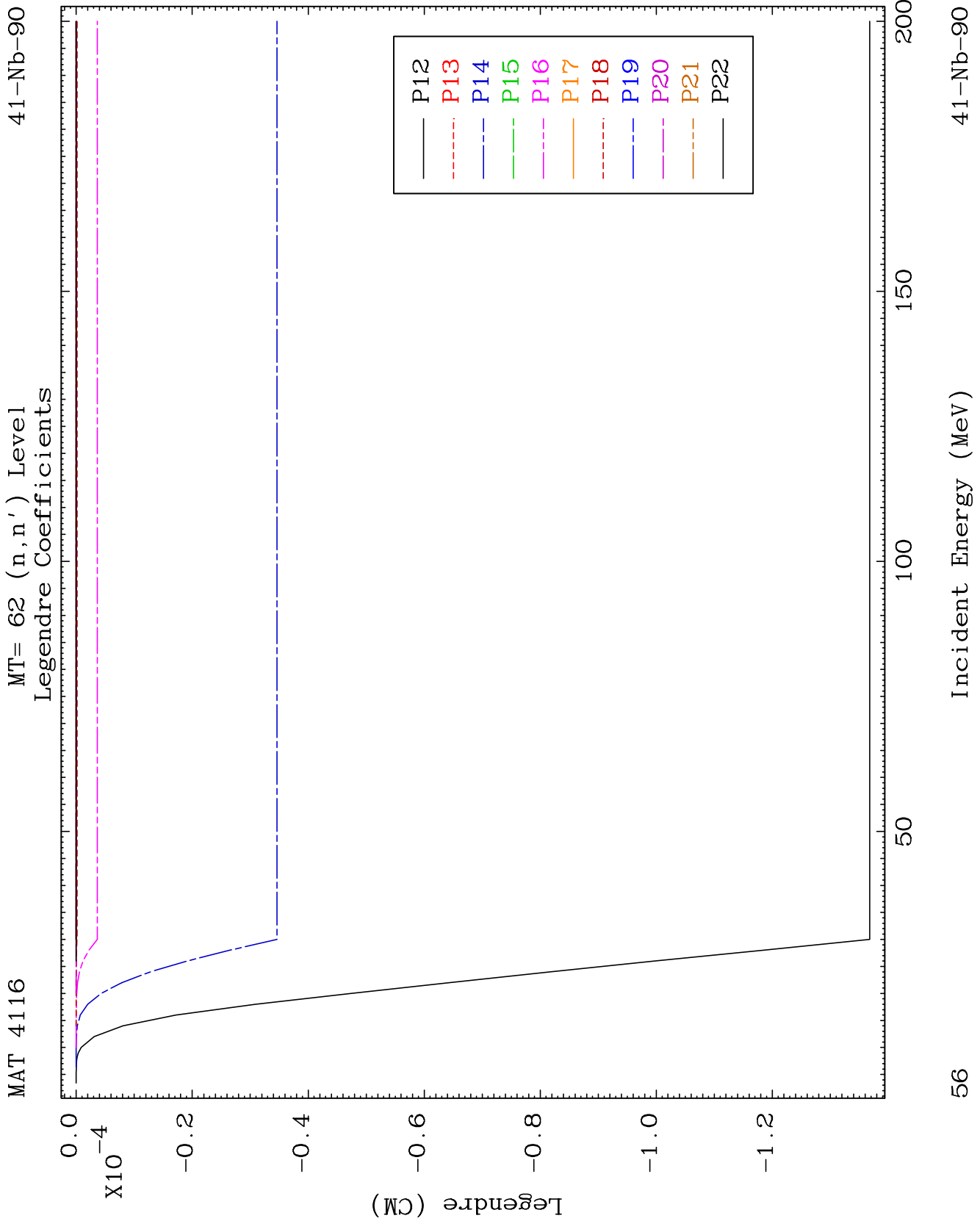
MT= 61 (n,n') Level  
Legendre Coefficients

41-Nb-90







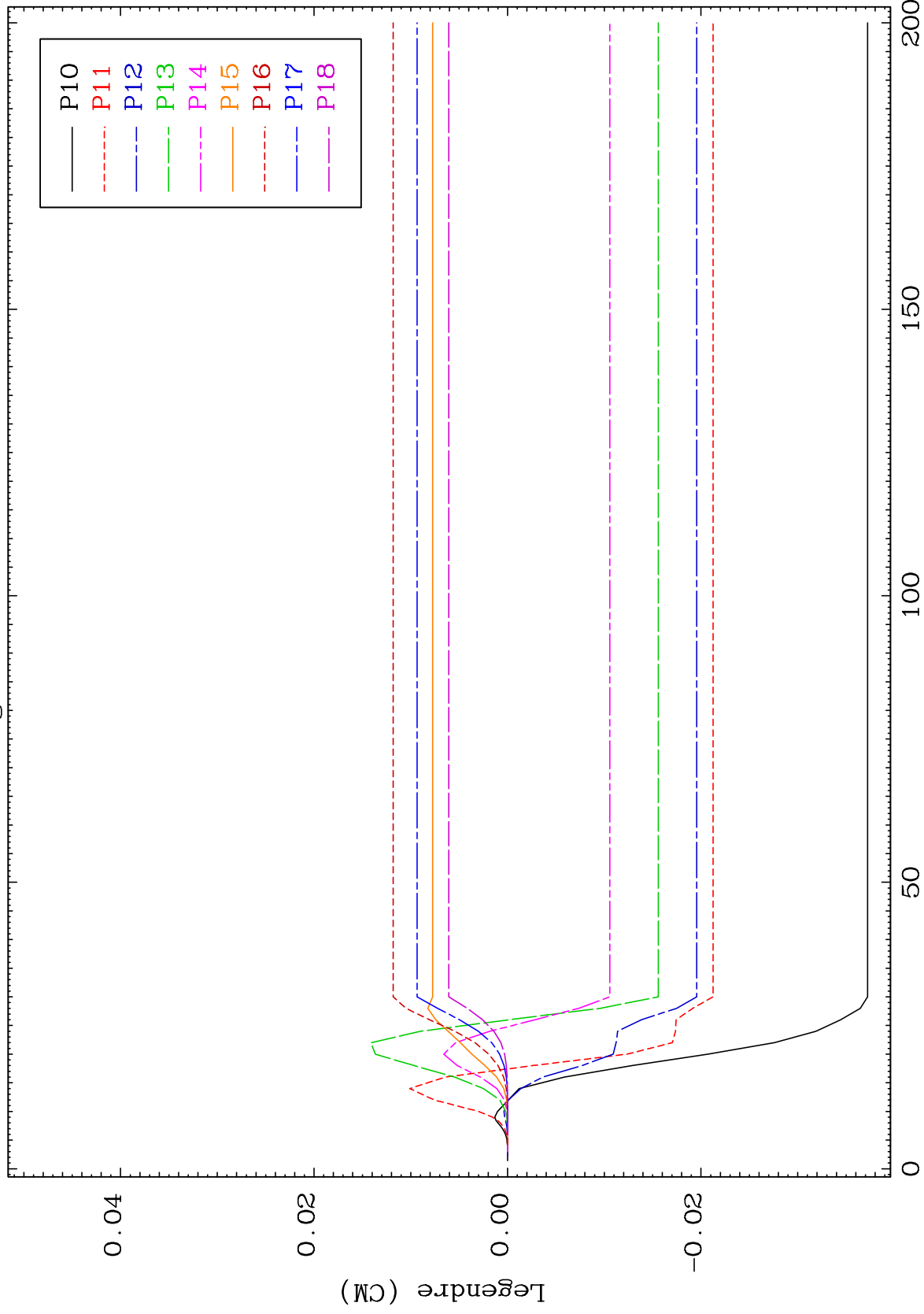




MAT 4116

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

41-Nb-90



58

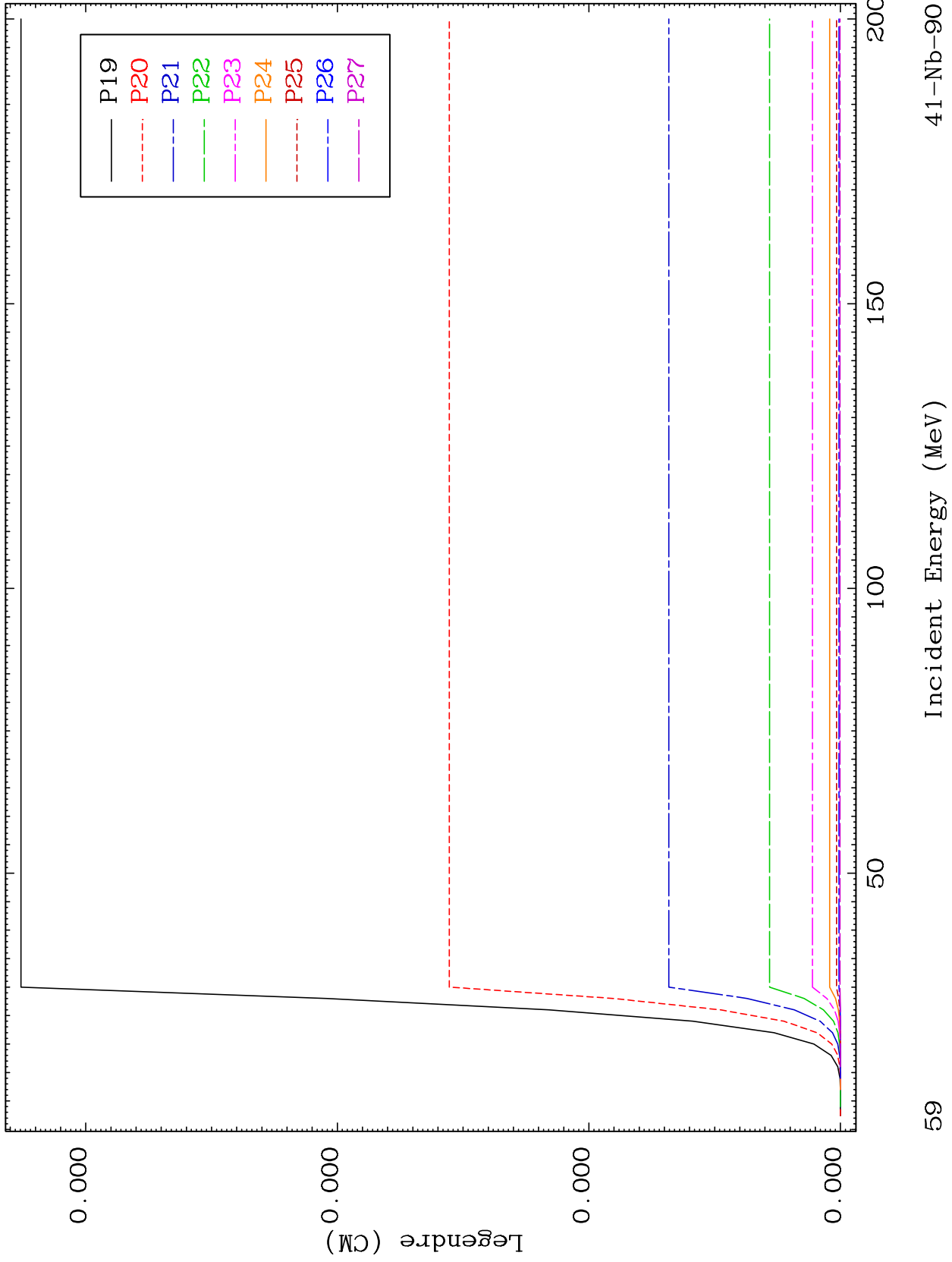
Incident Energy (MeV)

41-Nb-90

MAT 4116

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

41-Nb-90

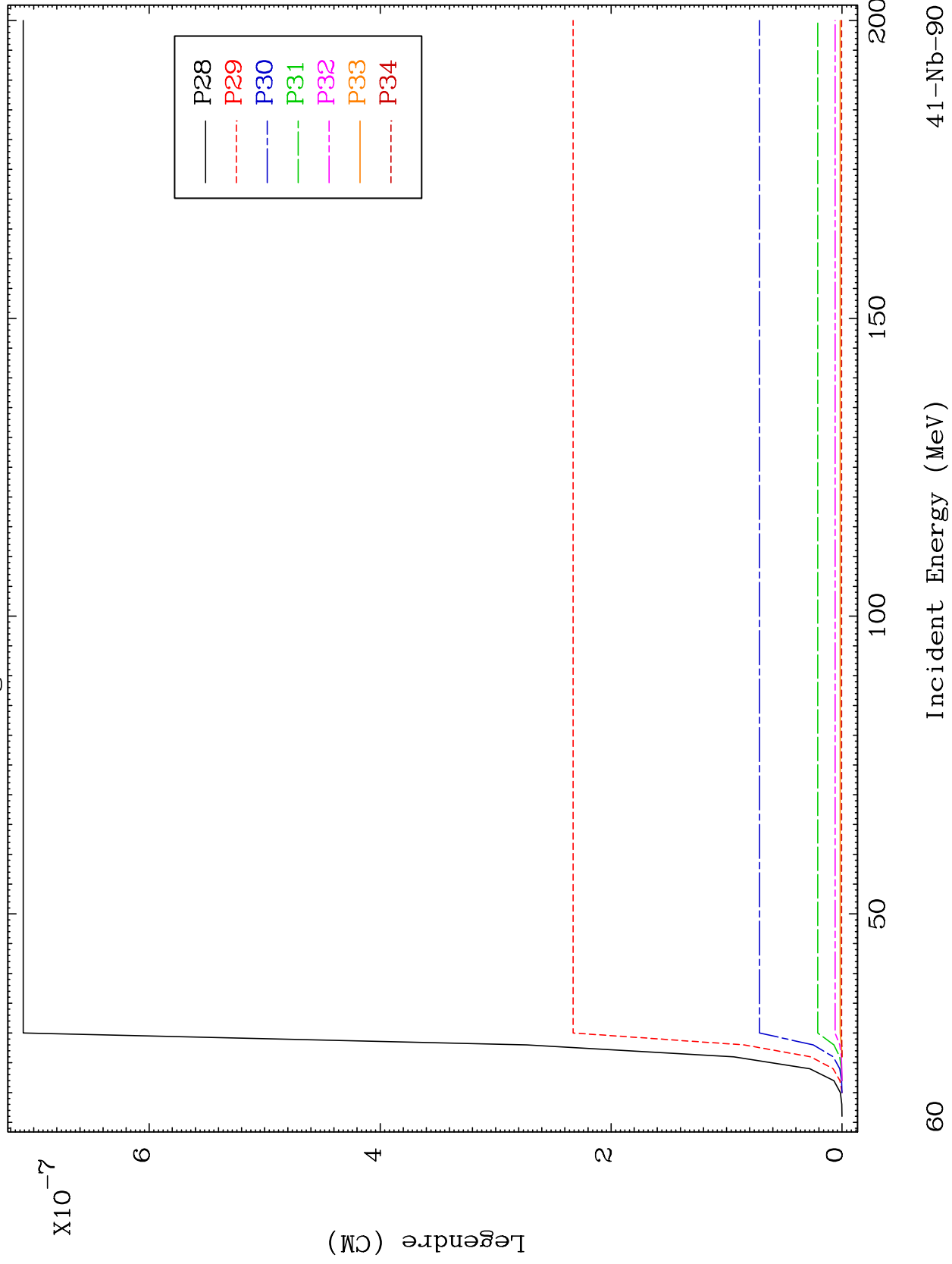


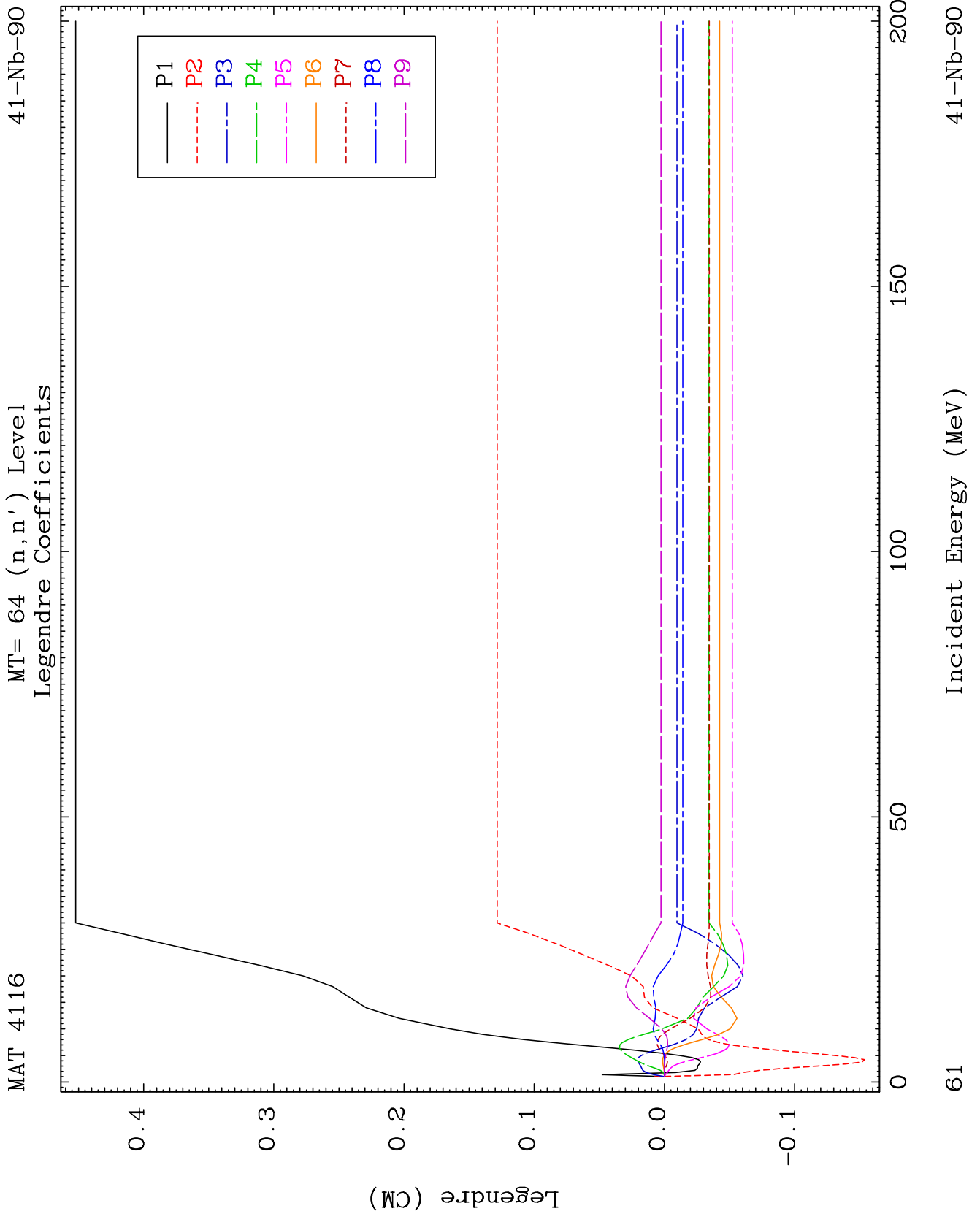
59

MAT 4116

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

41-Nb-90

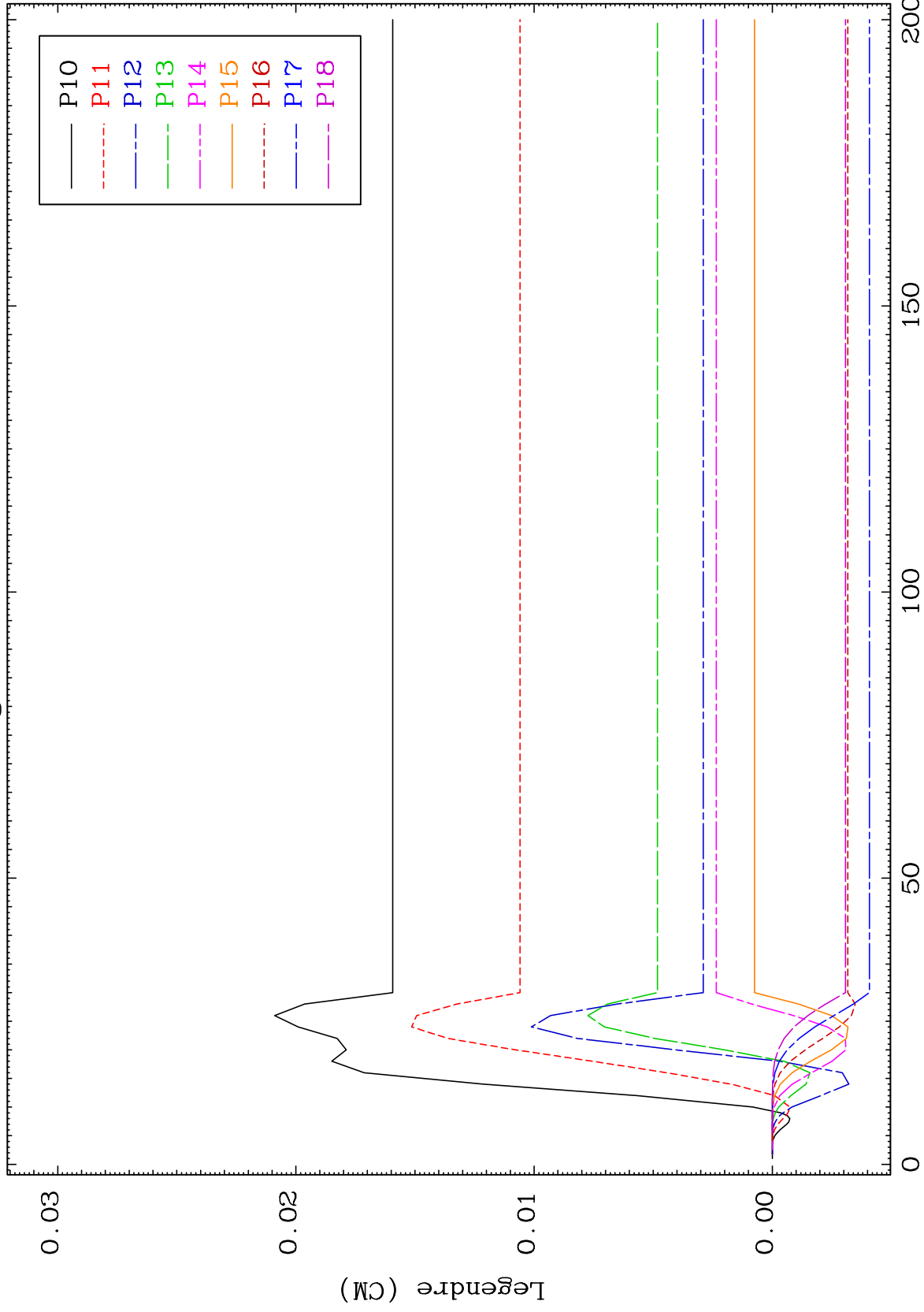




MAT 4116

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

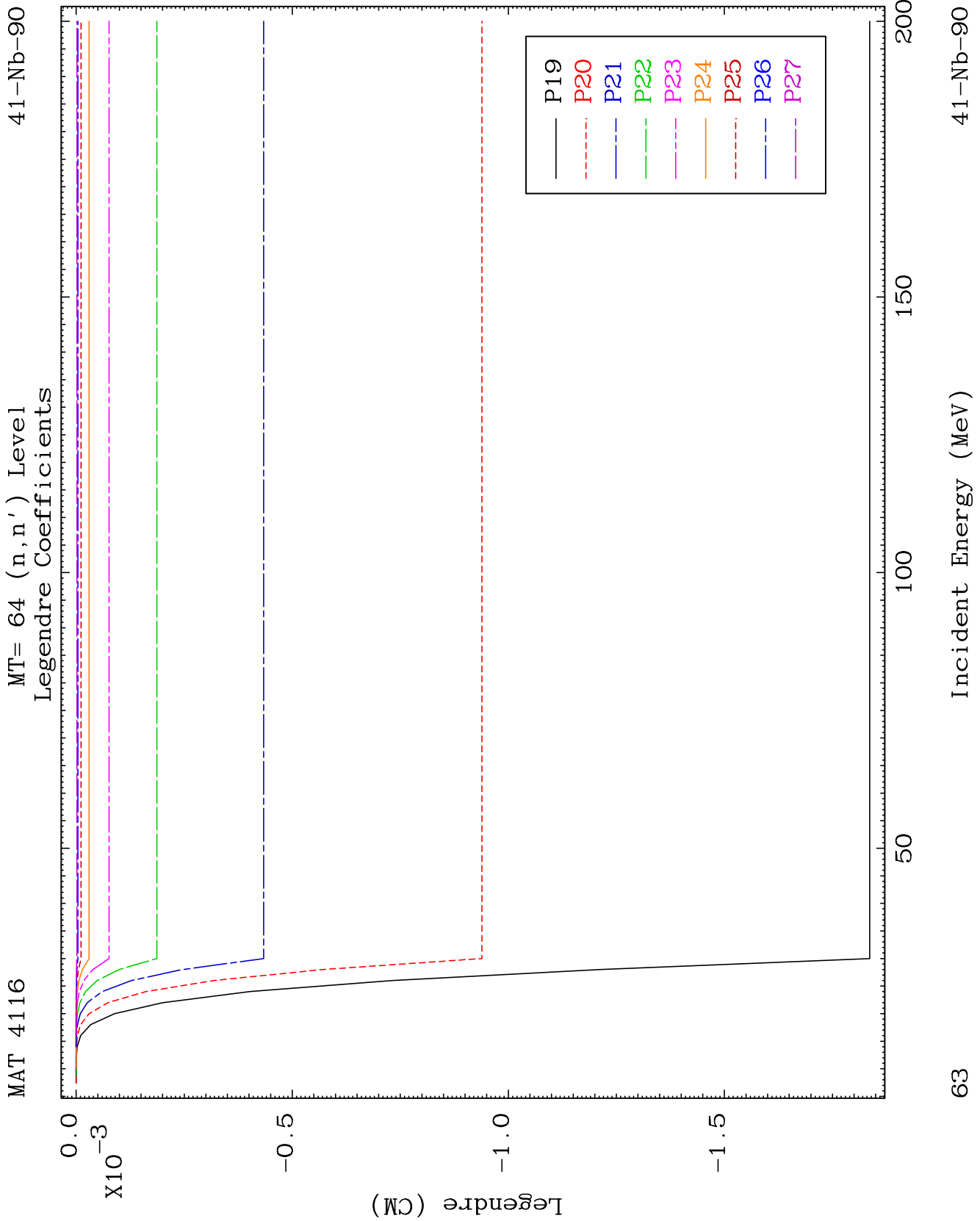
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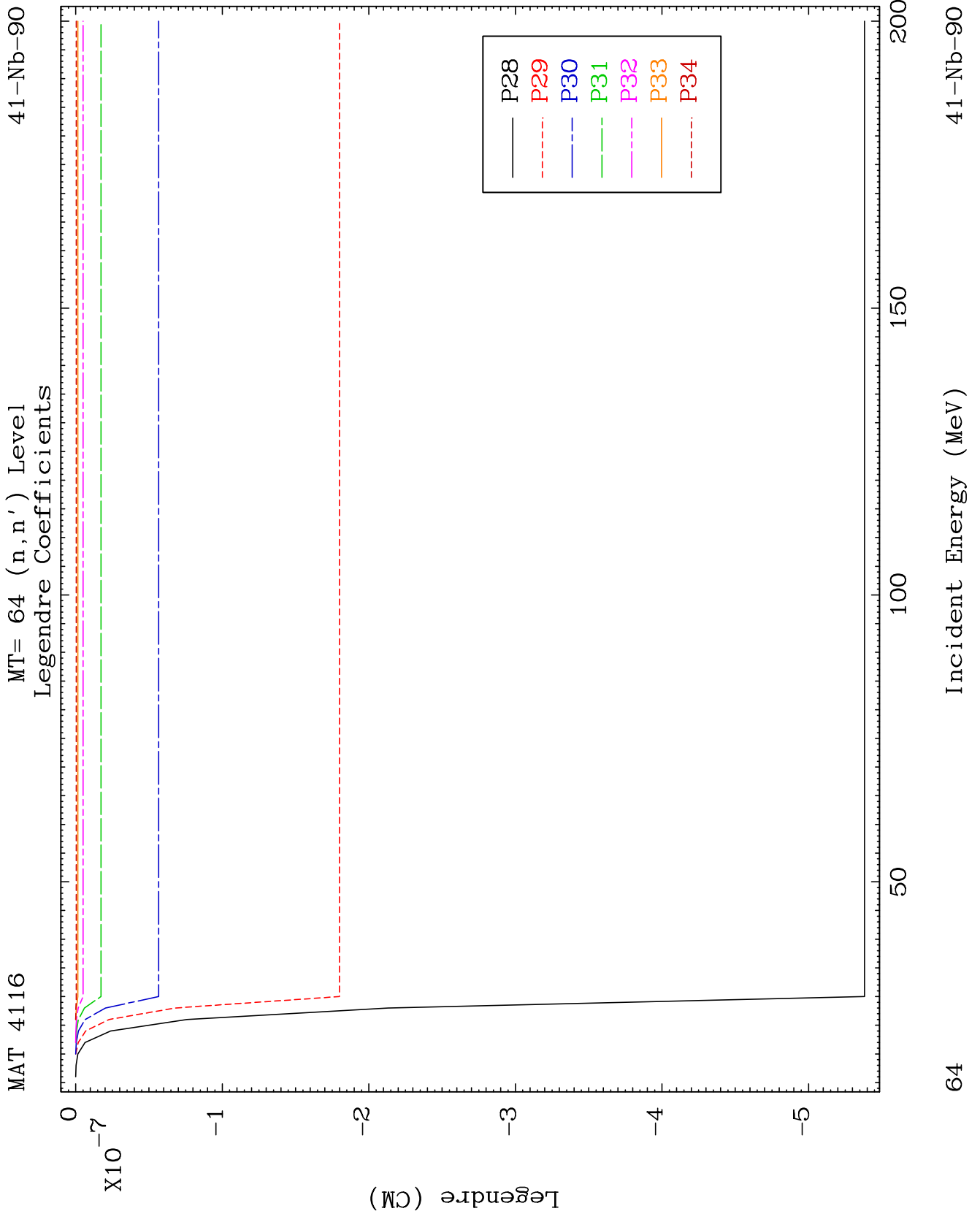
62

Incident Energy (MeV)

41-Nb-90



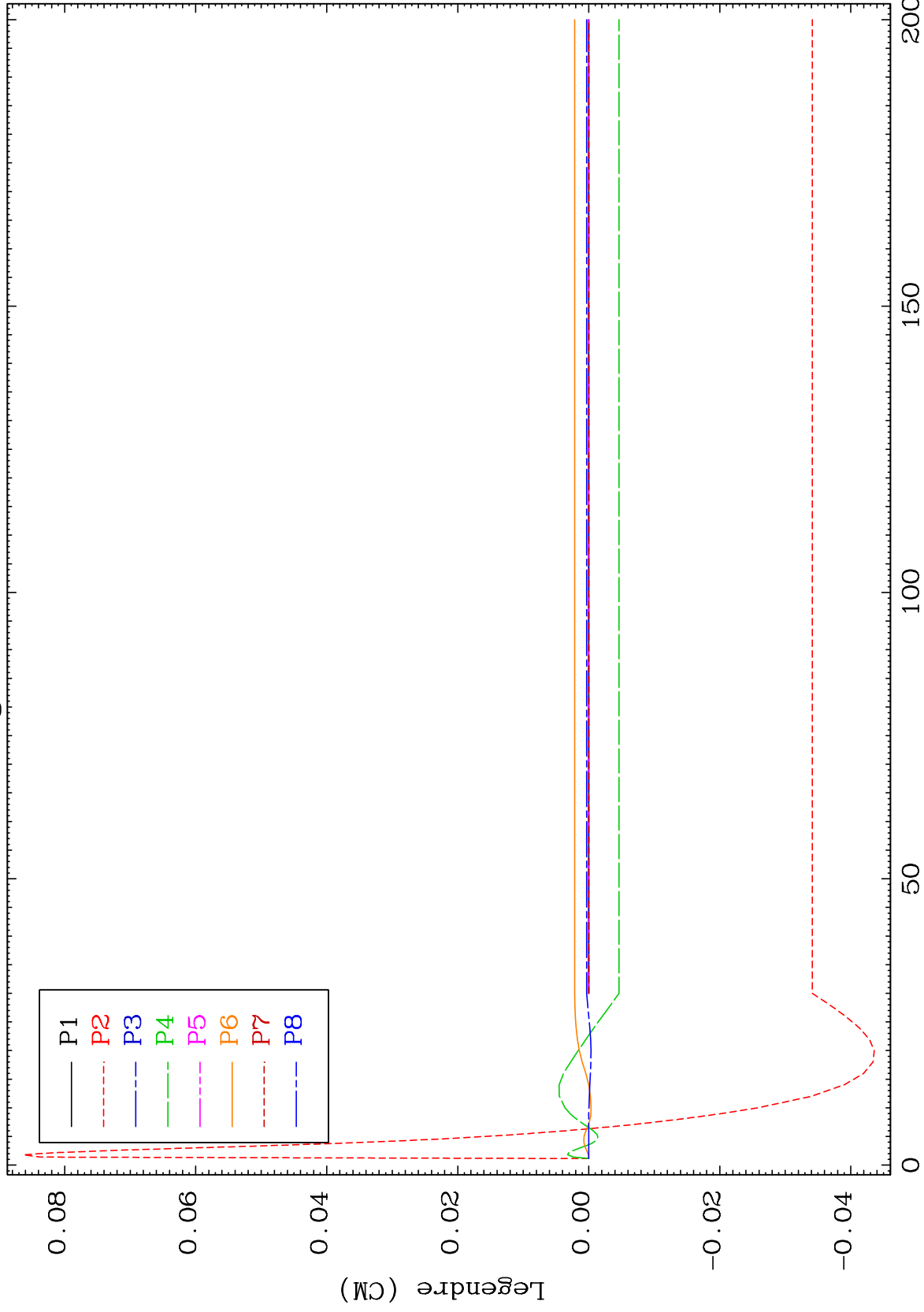




MAT 4116

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

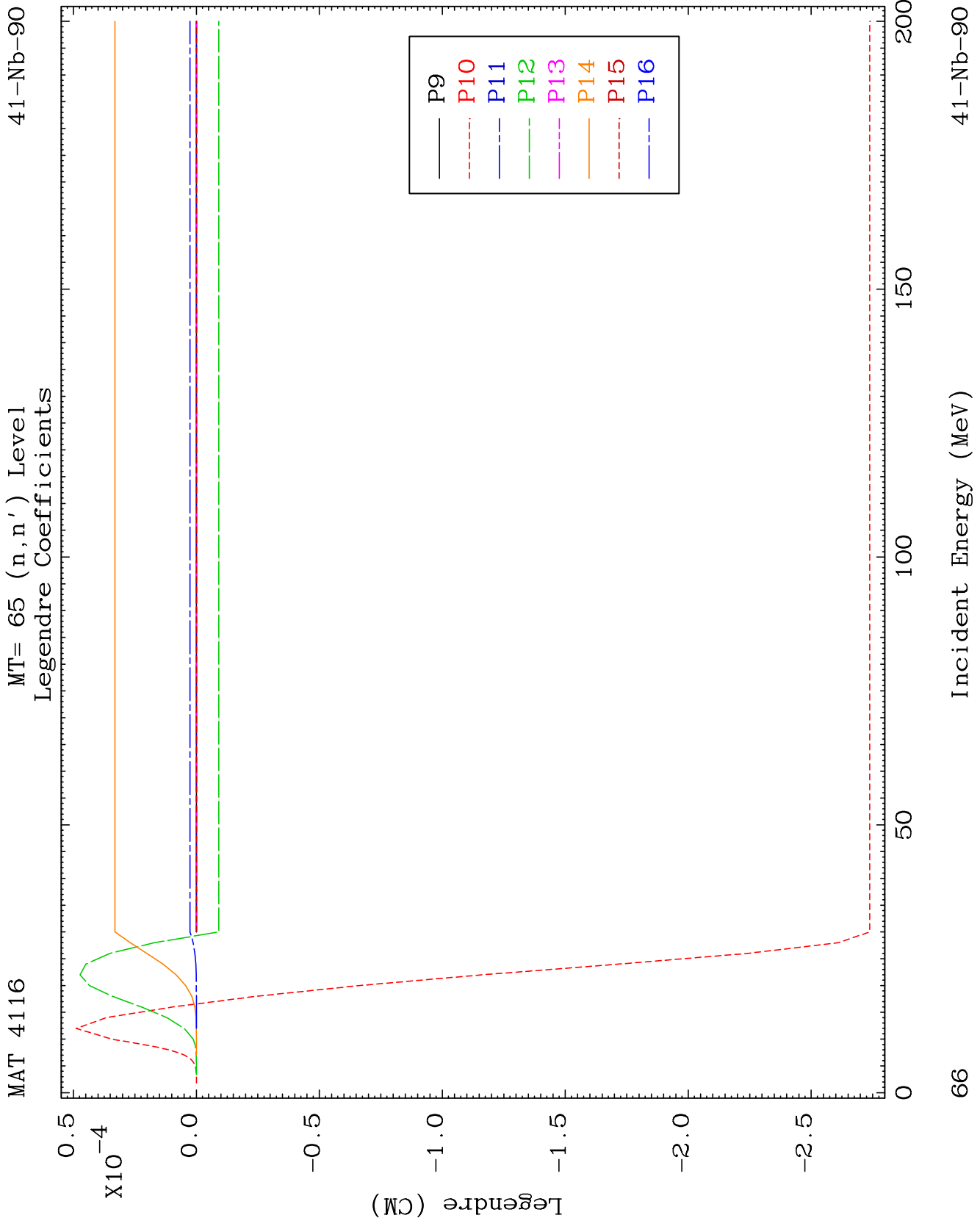
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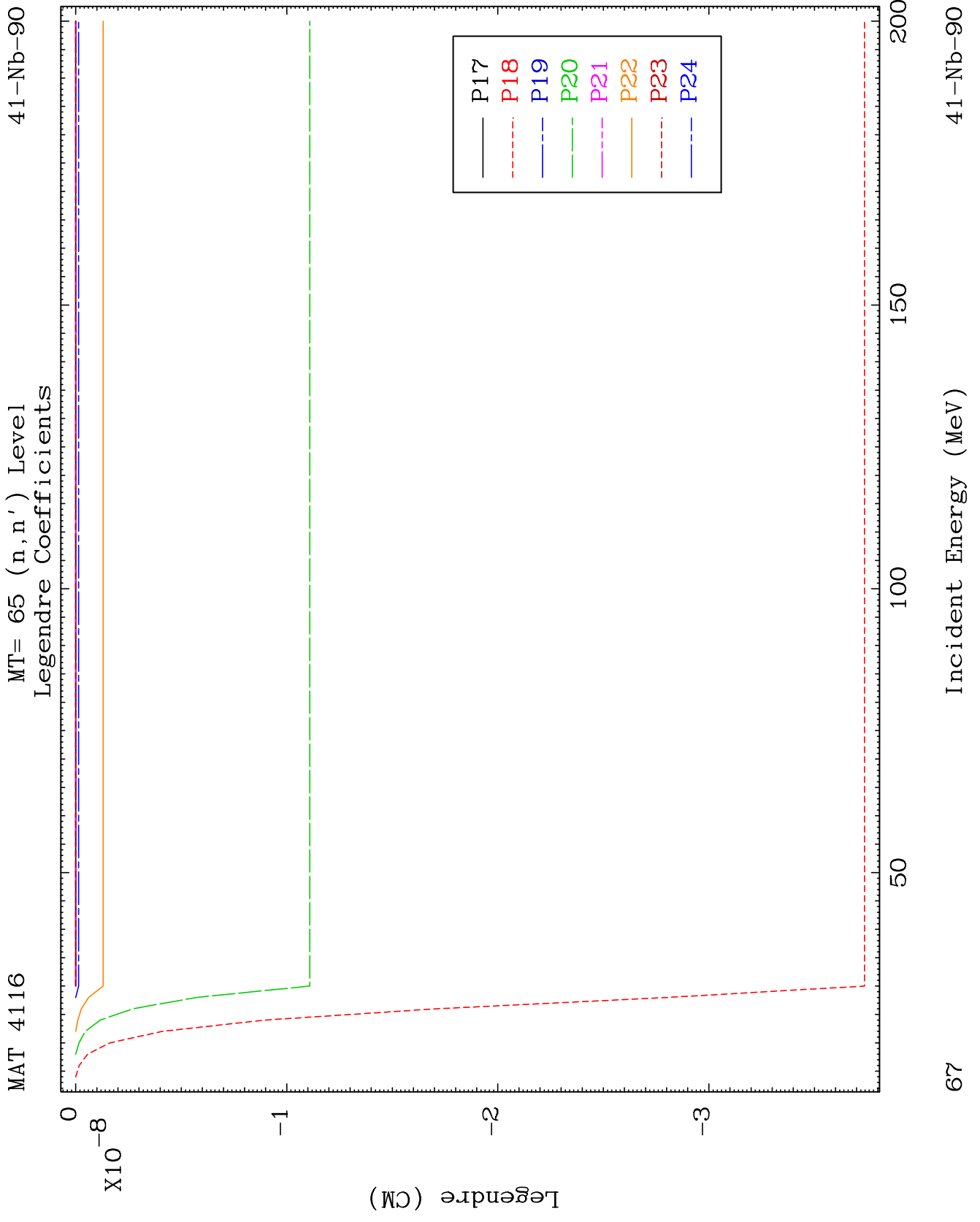


65

Incident Energy (MeV)

41-Nb-90

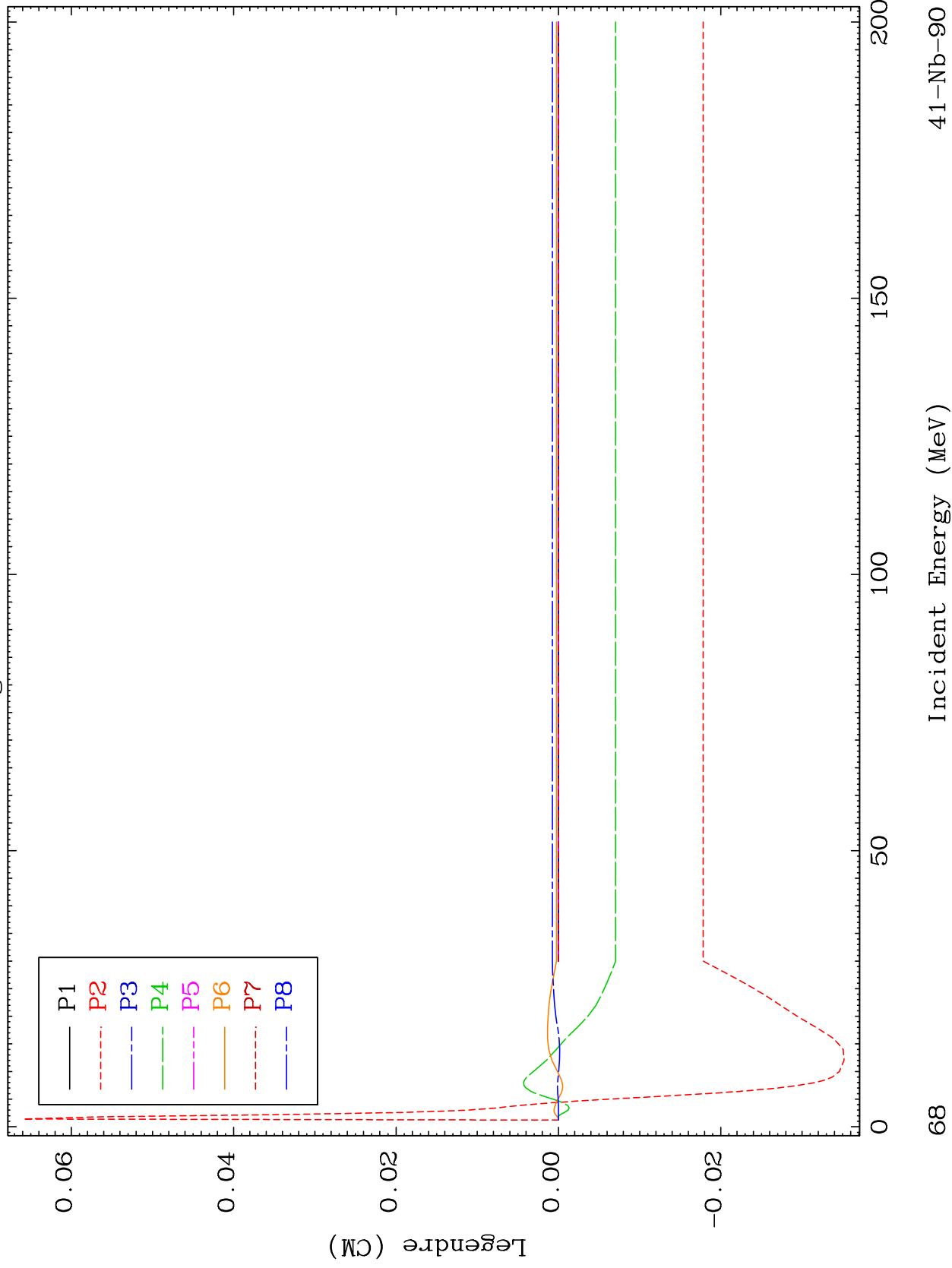




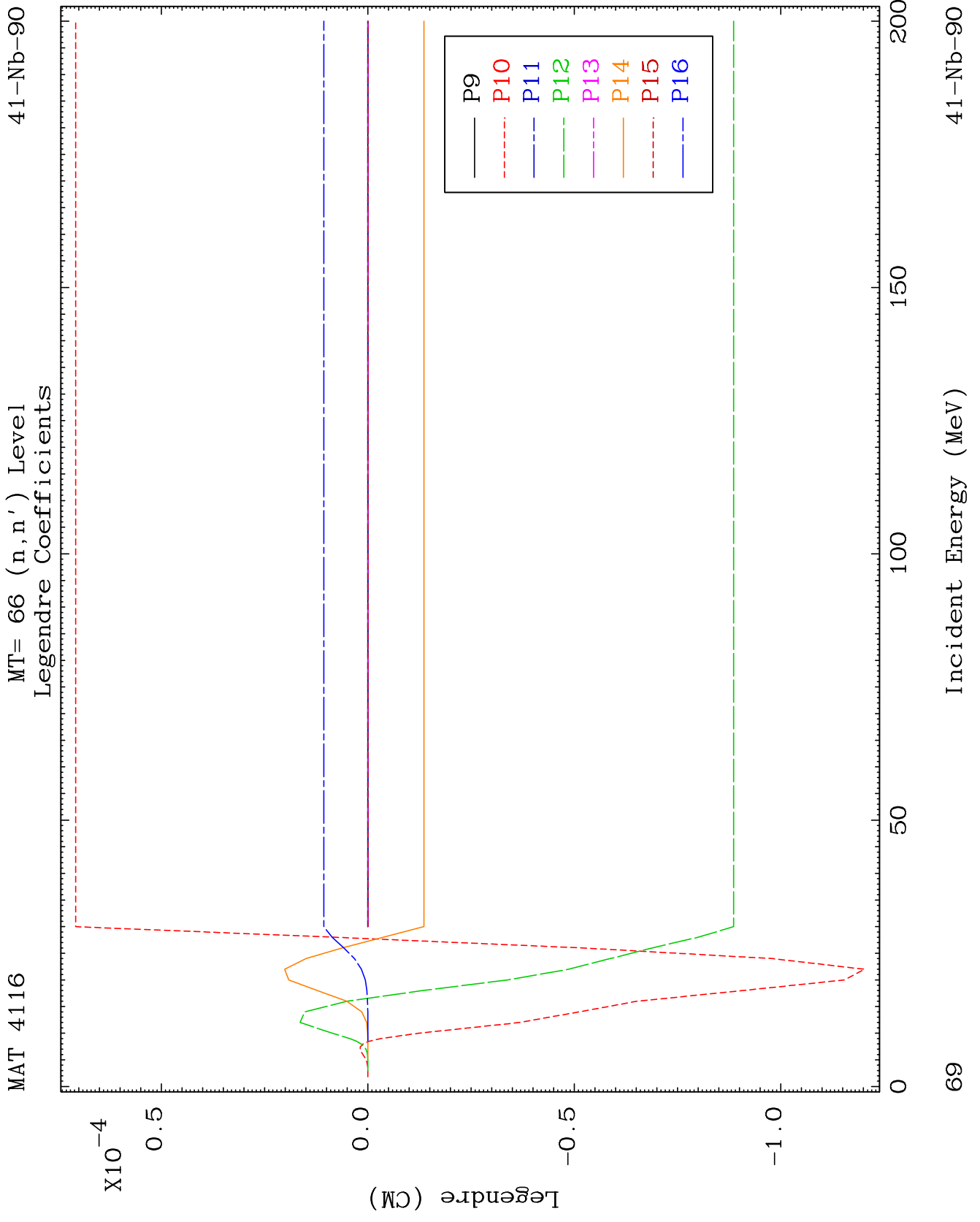
MAT 4116

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

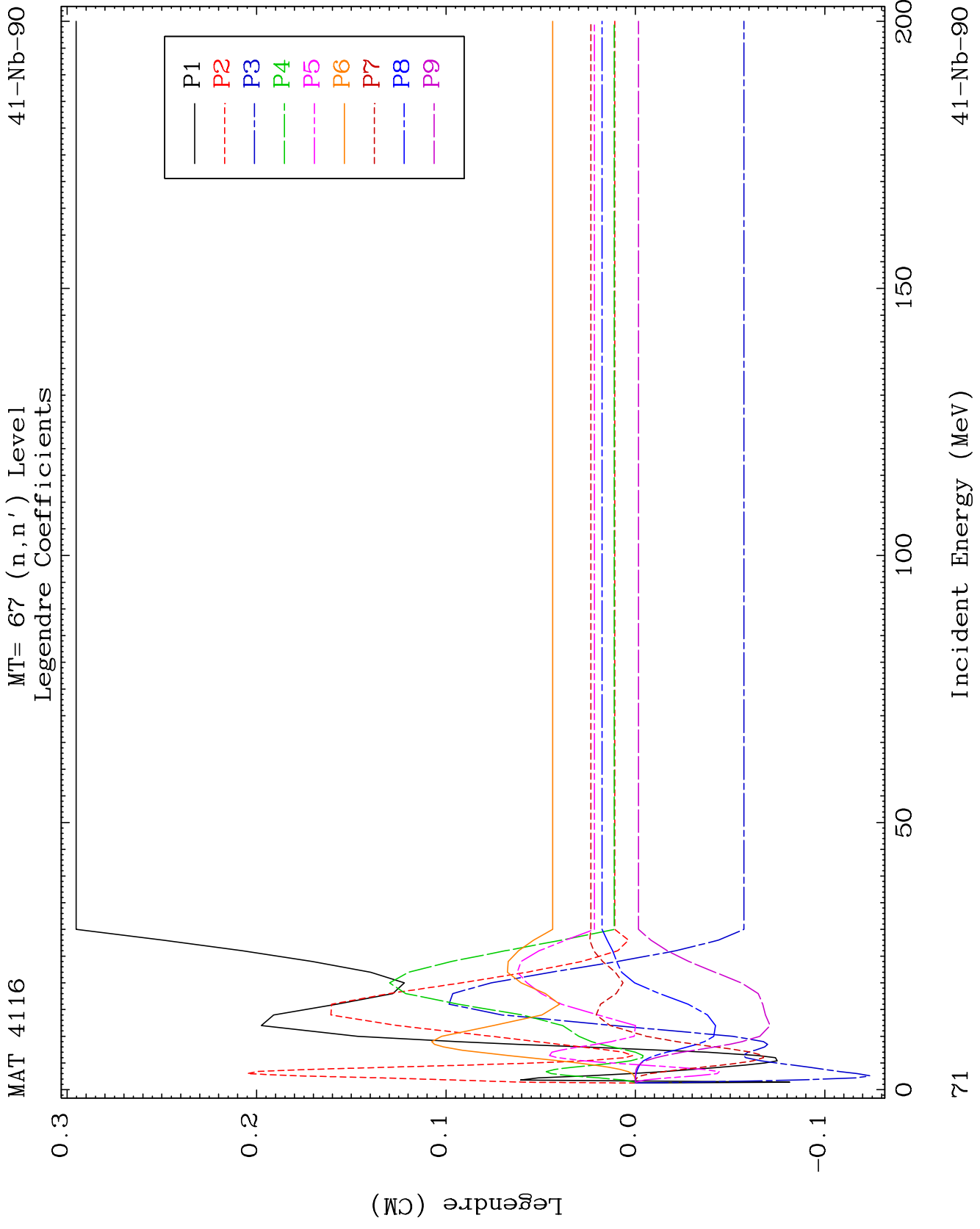
41-Nb-90



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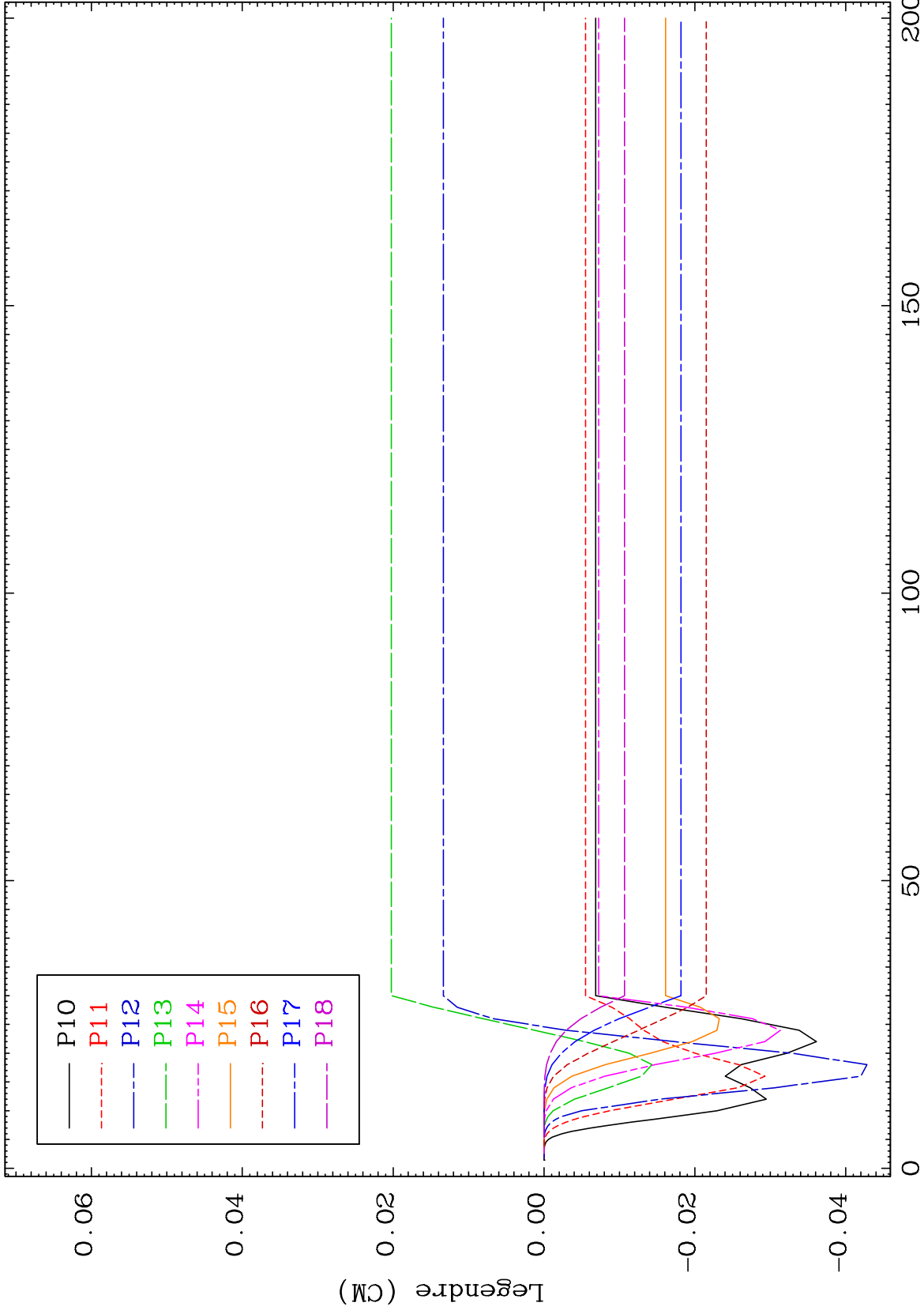




MAT 4116

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

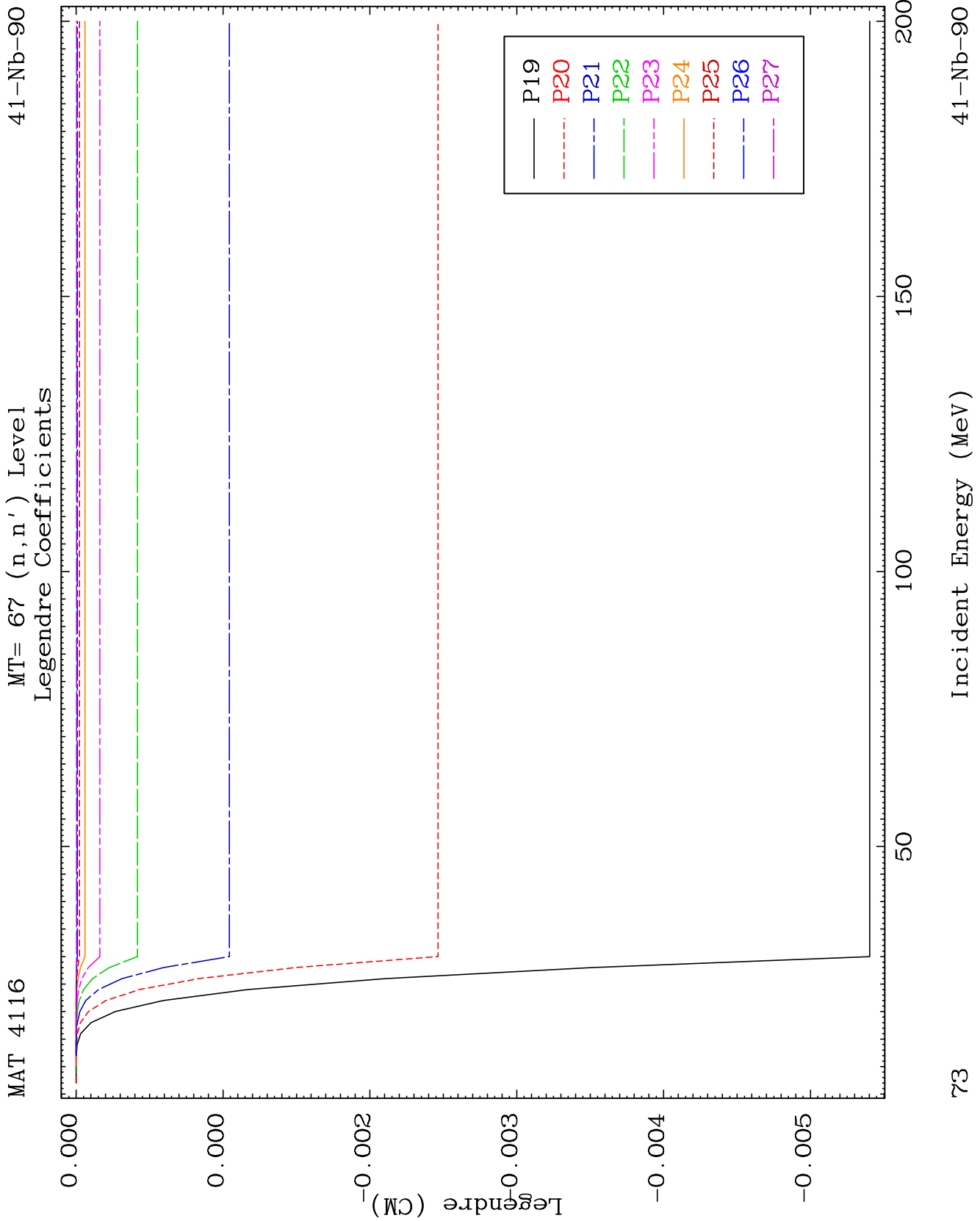
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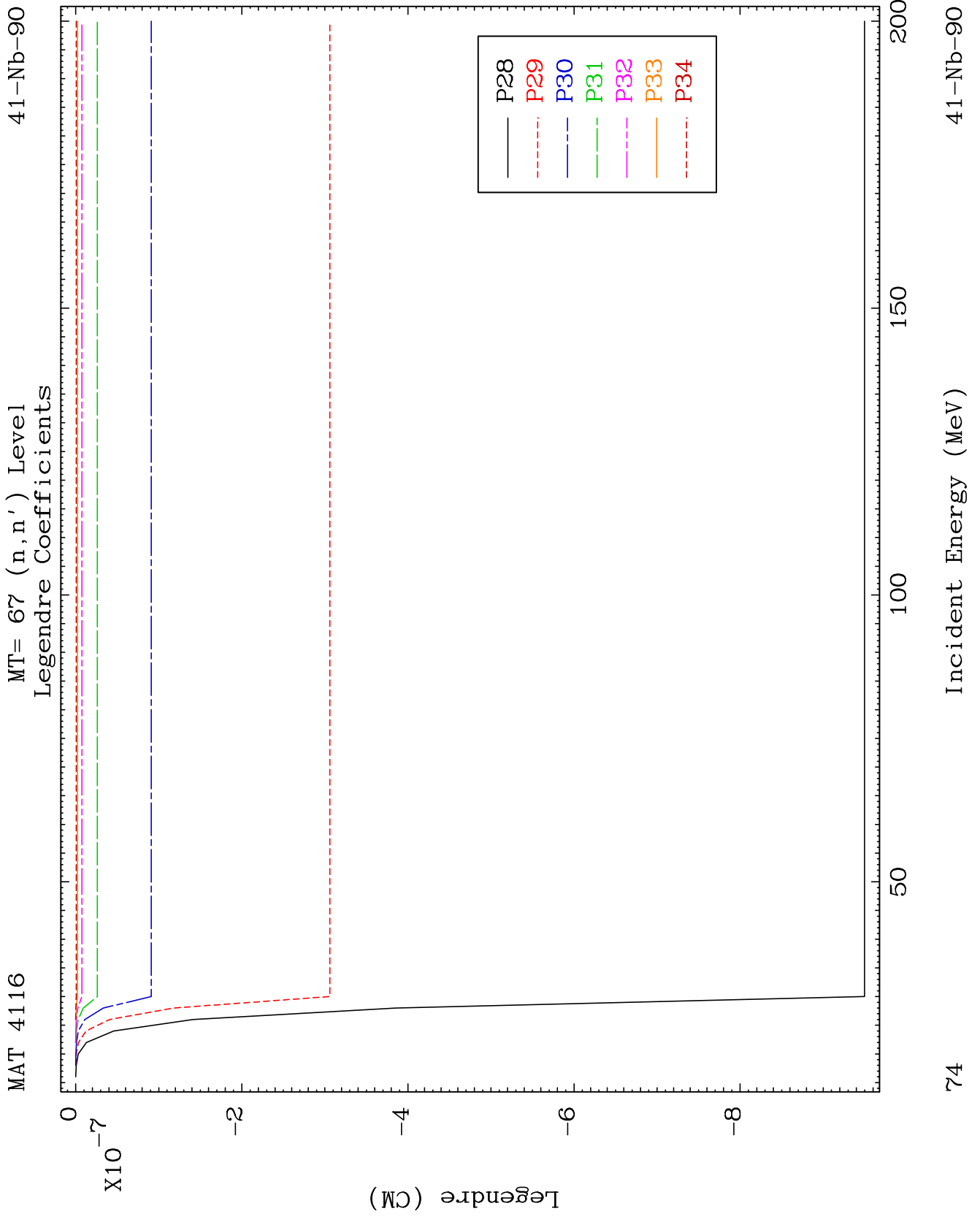


72

Incident Energy (MeV)

41-Nb-90

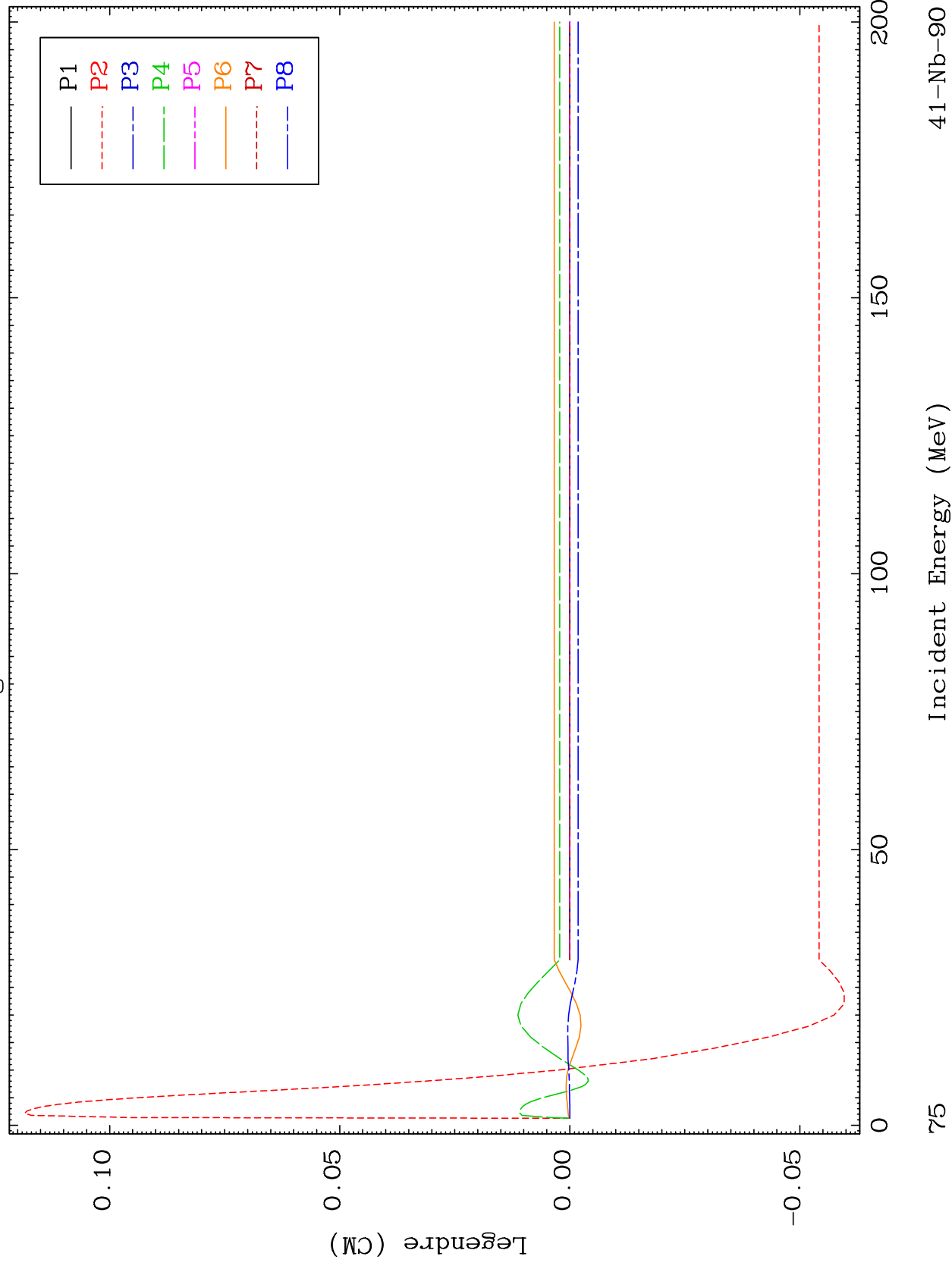


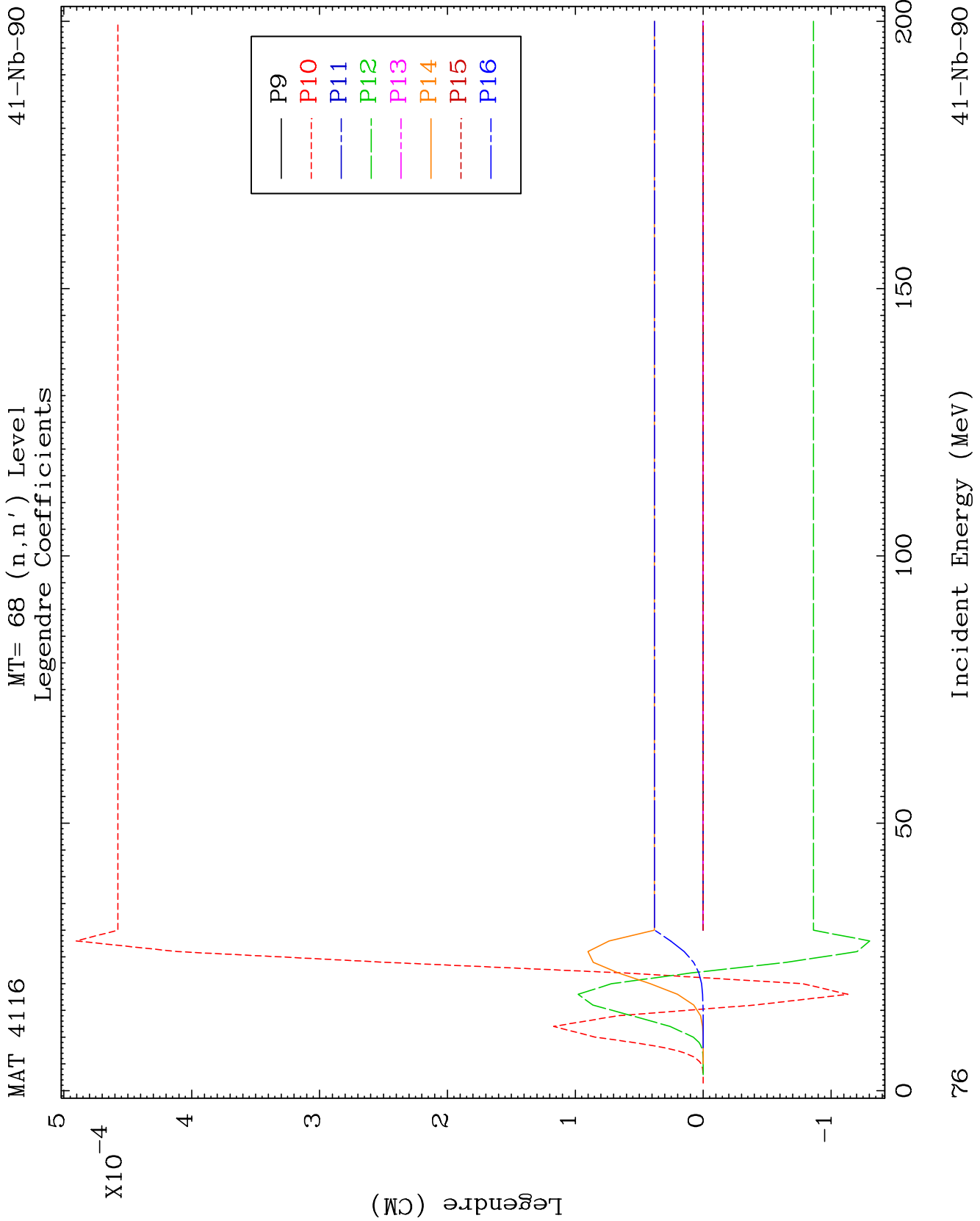


MAT 4116

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

41-Nb-90

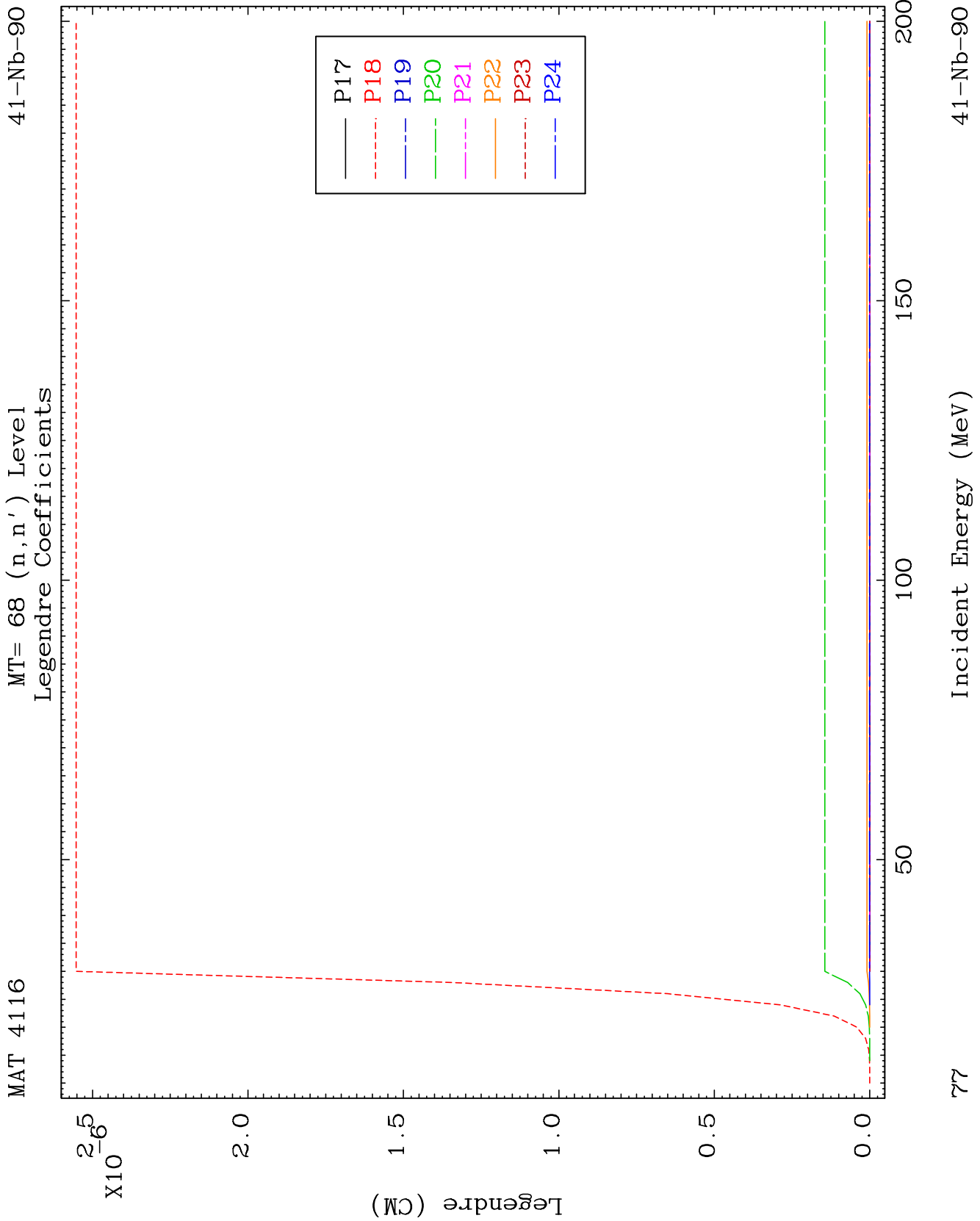




41-Nb-90

Incident Energy (MeV)

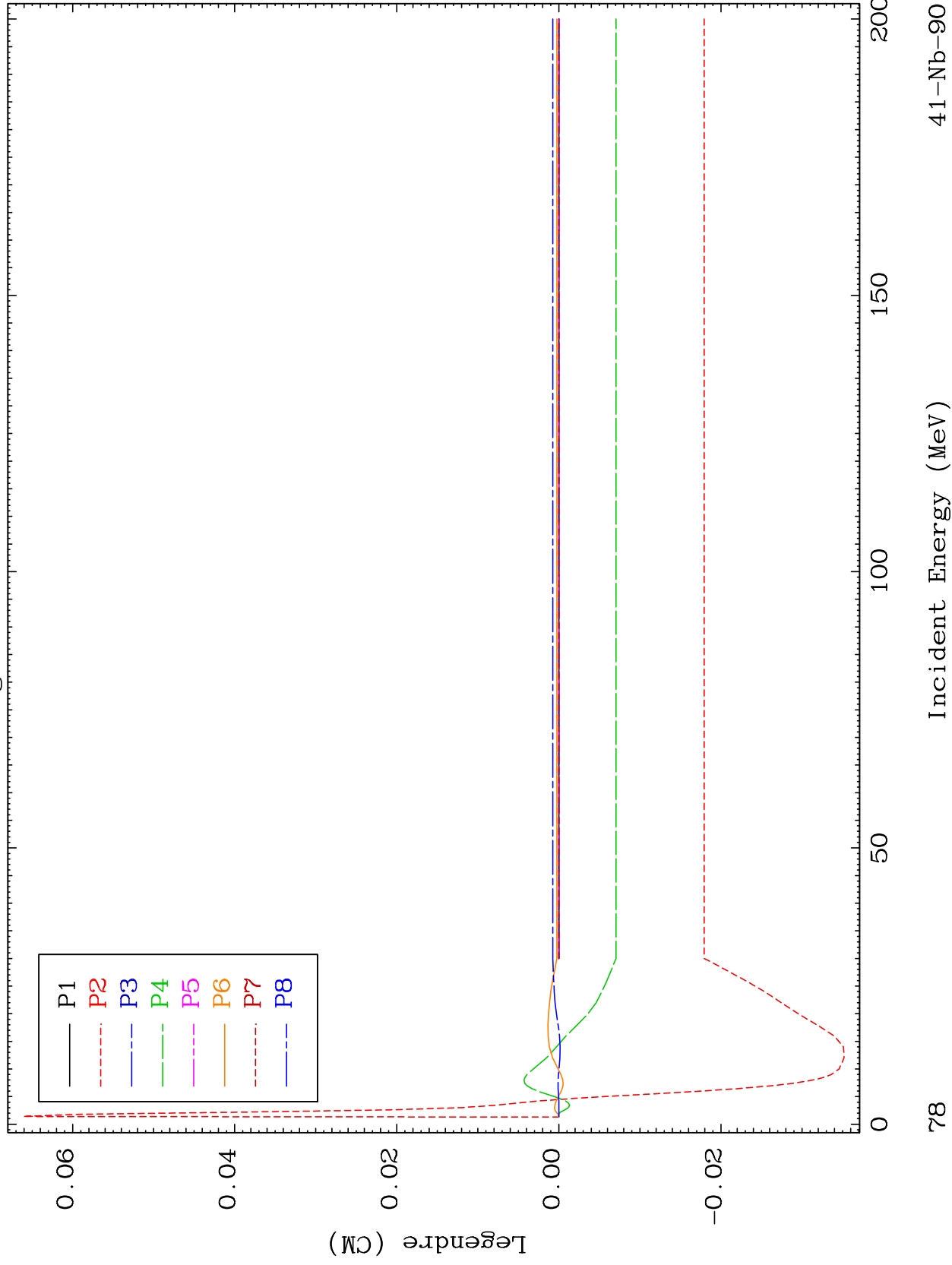
76



MAT 4116

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

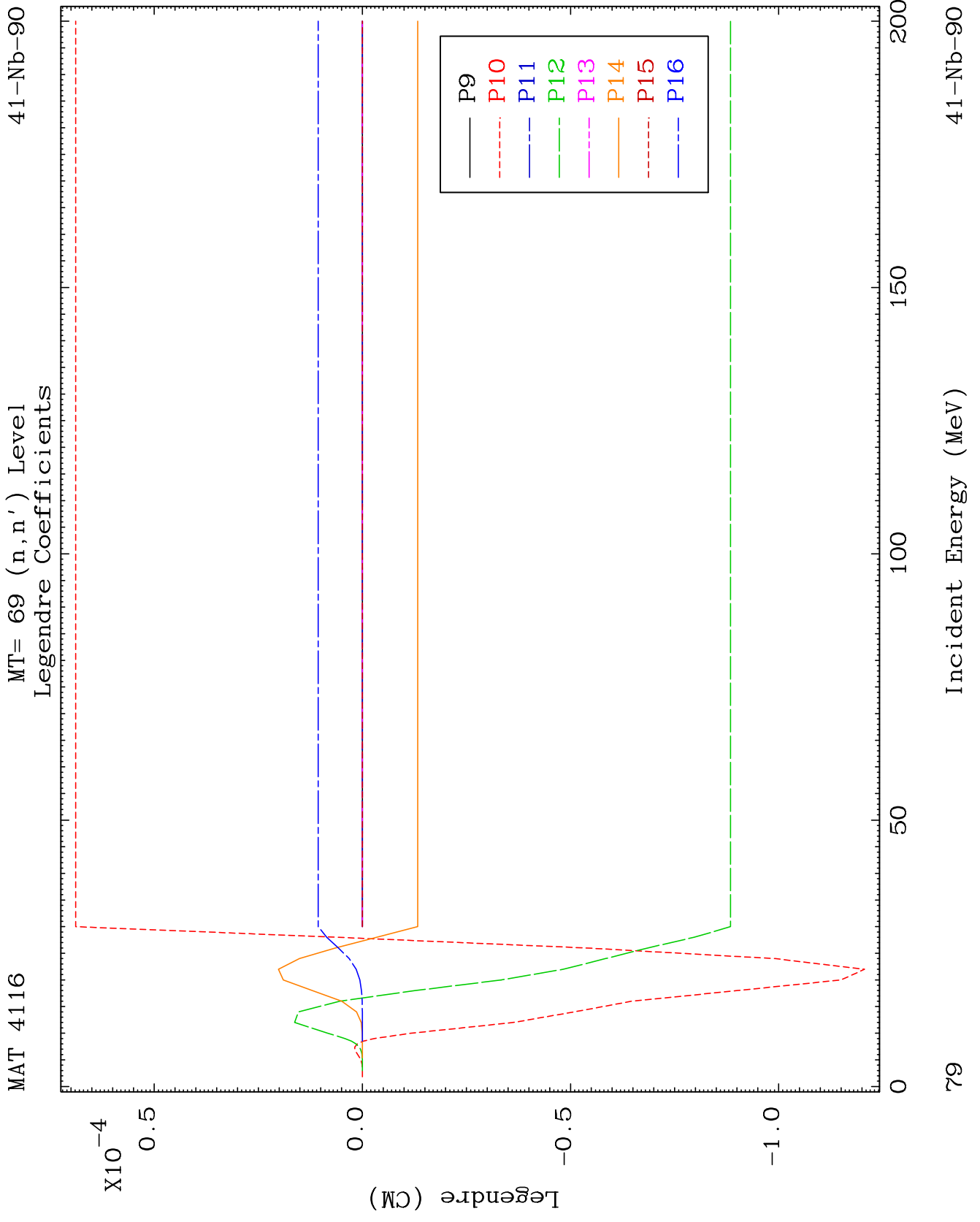
41-Nb-90



78

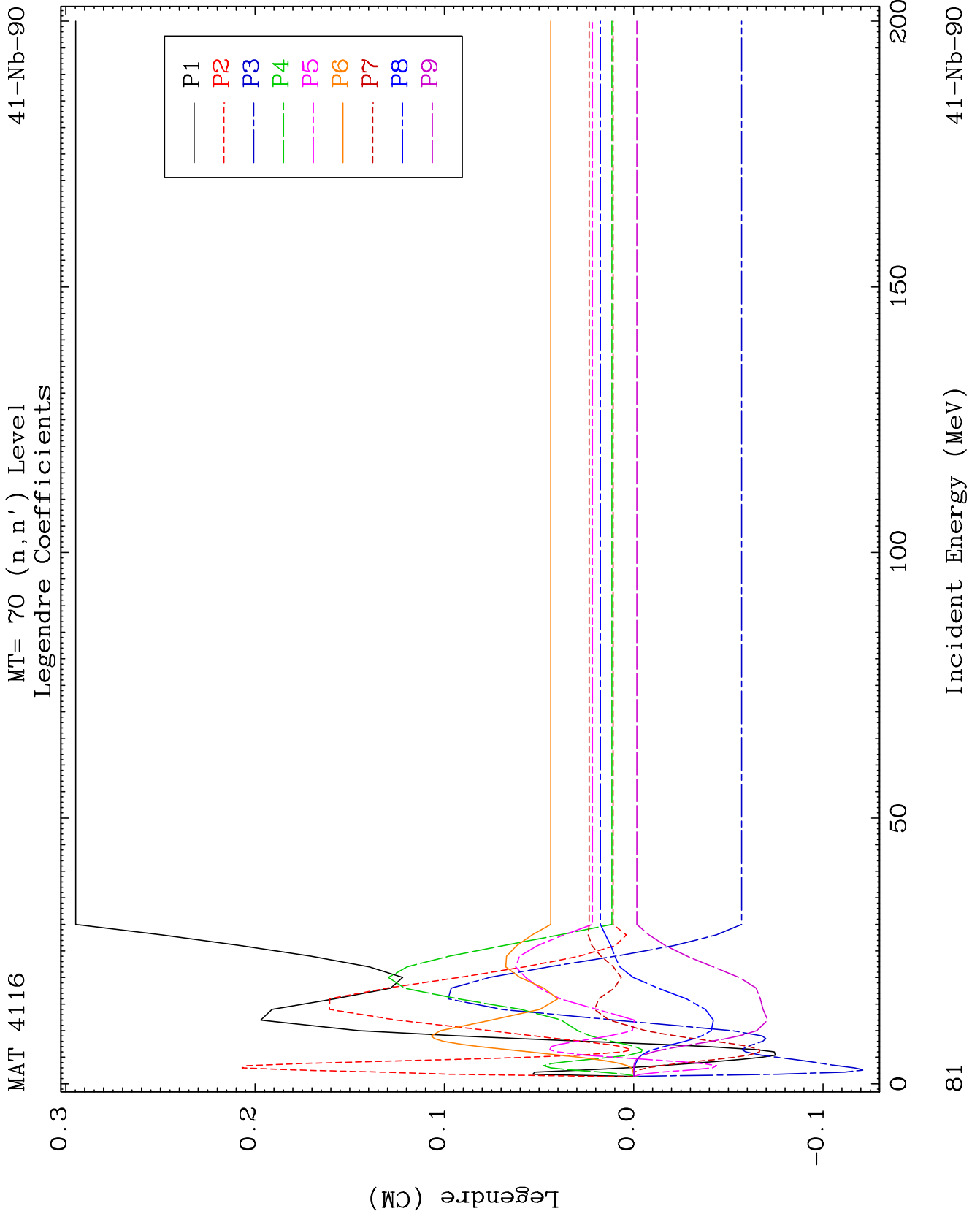
Incident Energy (MeV)

41-Nb-90





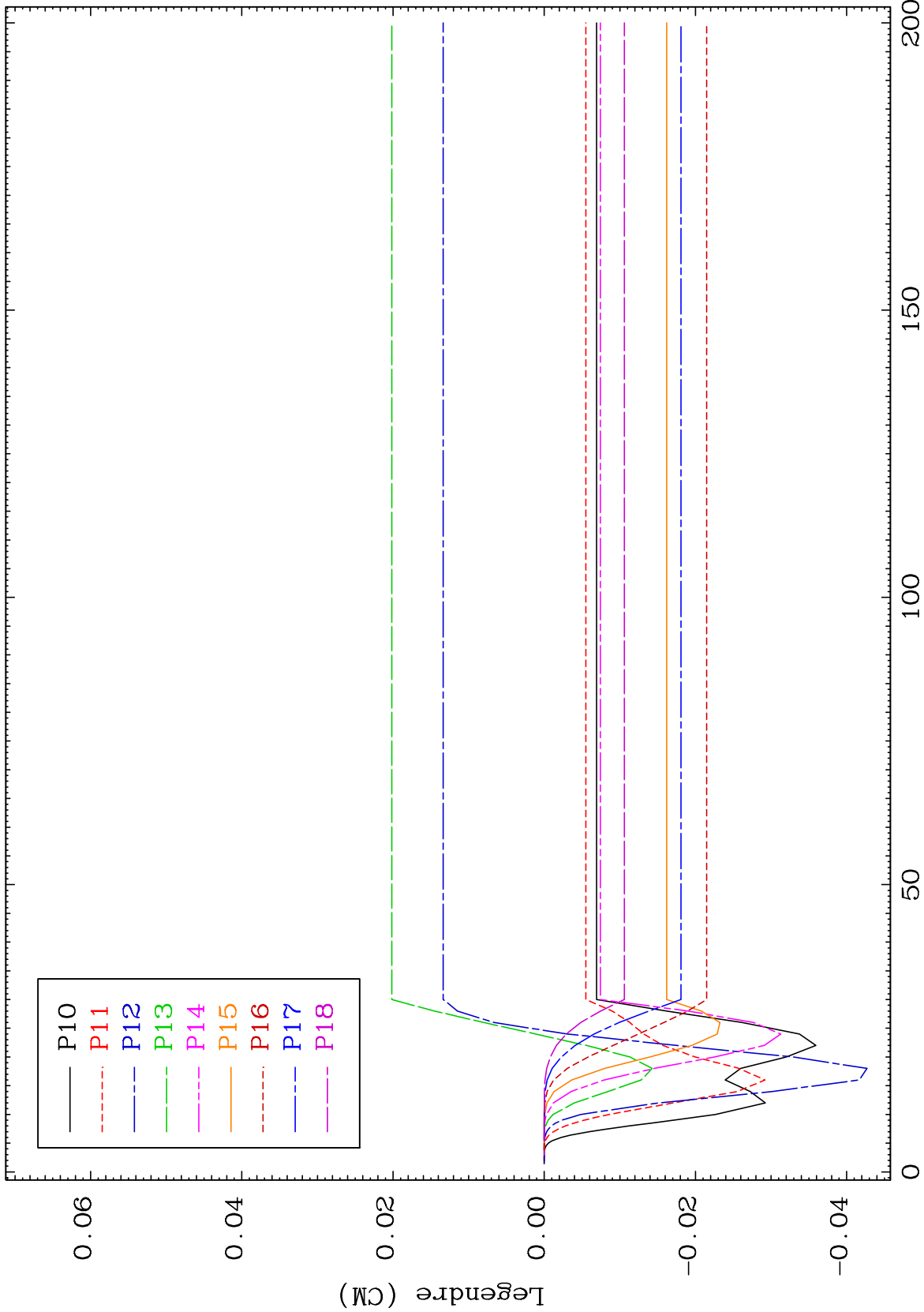




MAT 4116

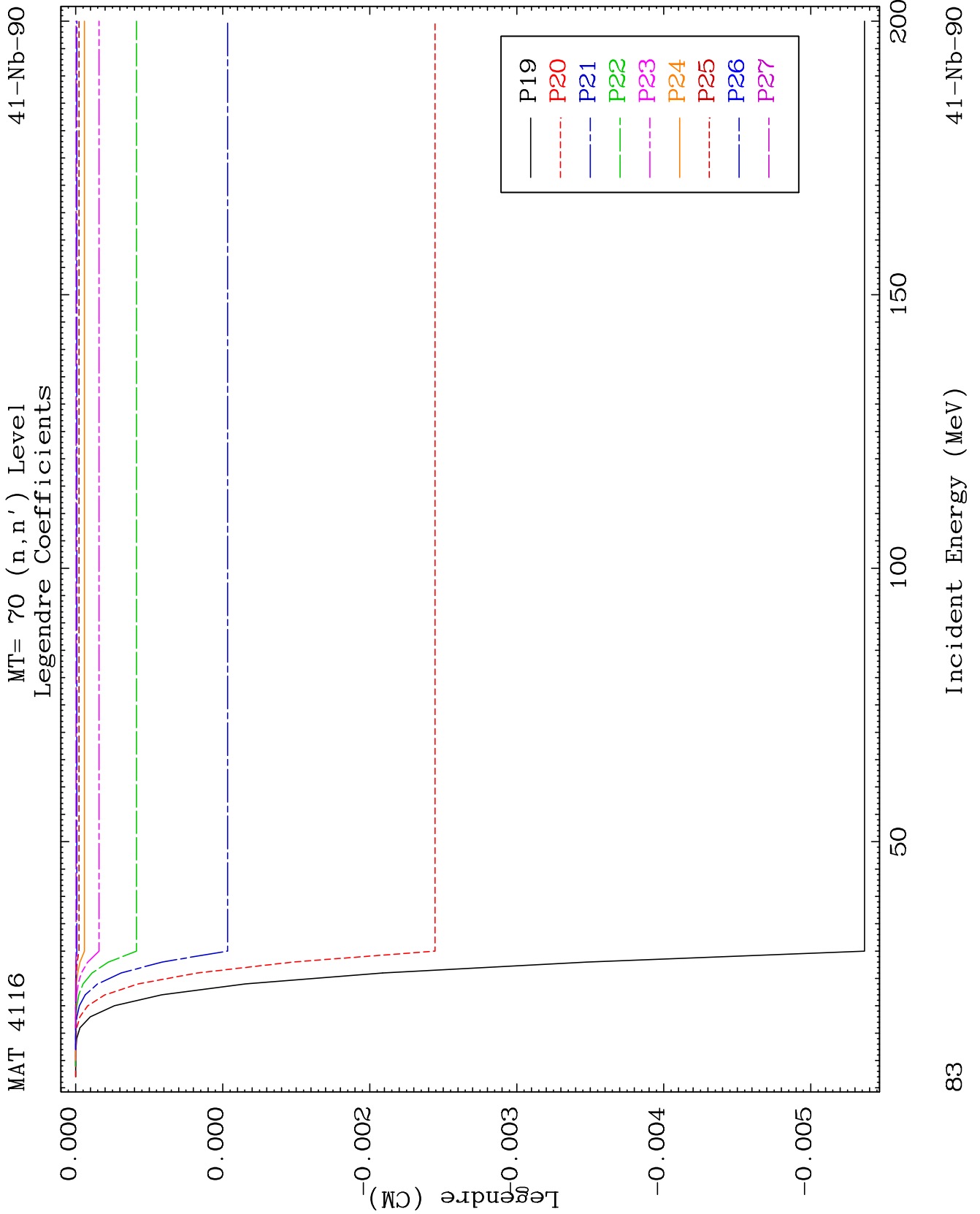
MT= 70 (n,n') Level  
Legendre Coefficients

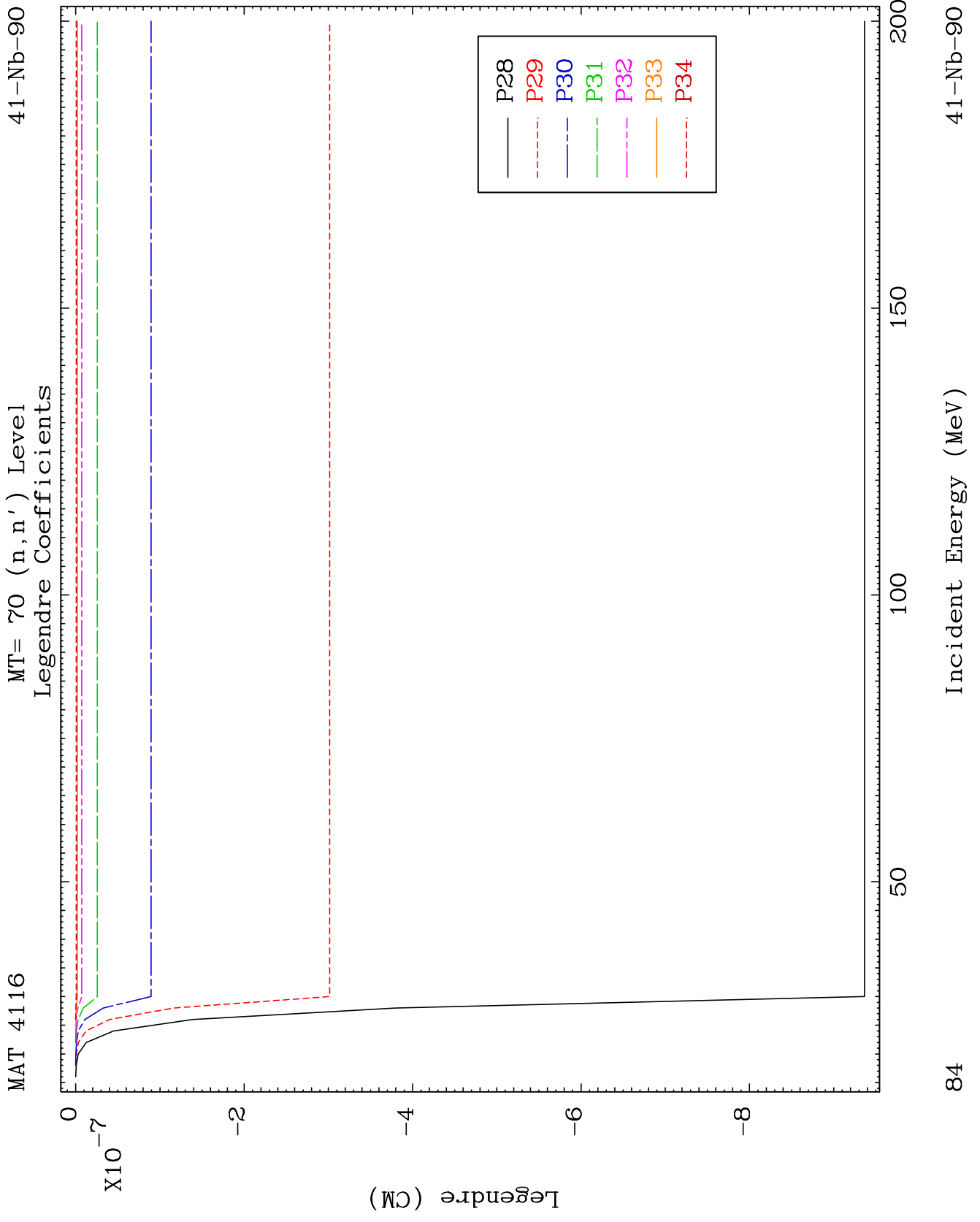
41-Nb-90



82

41-Nb-90

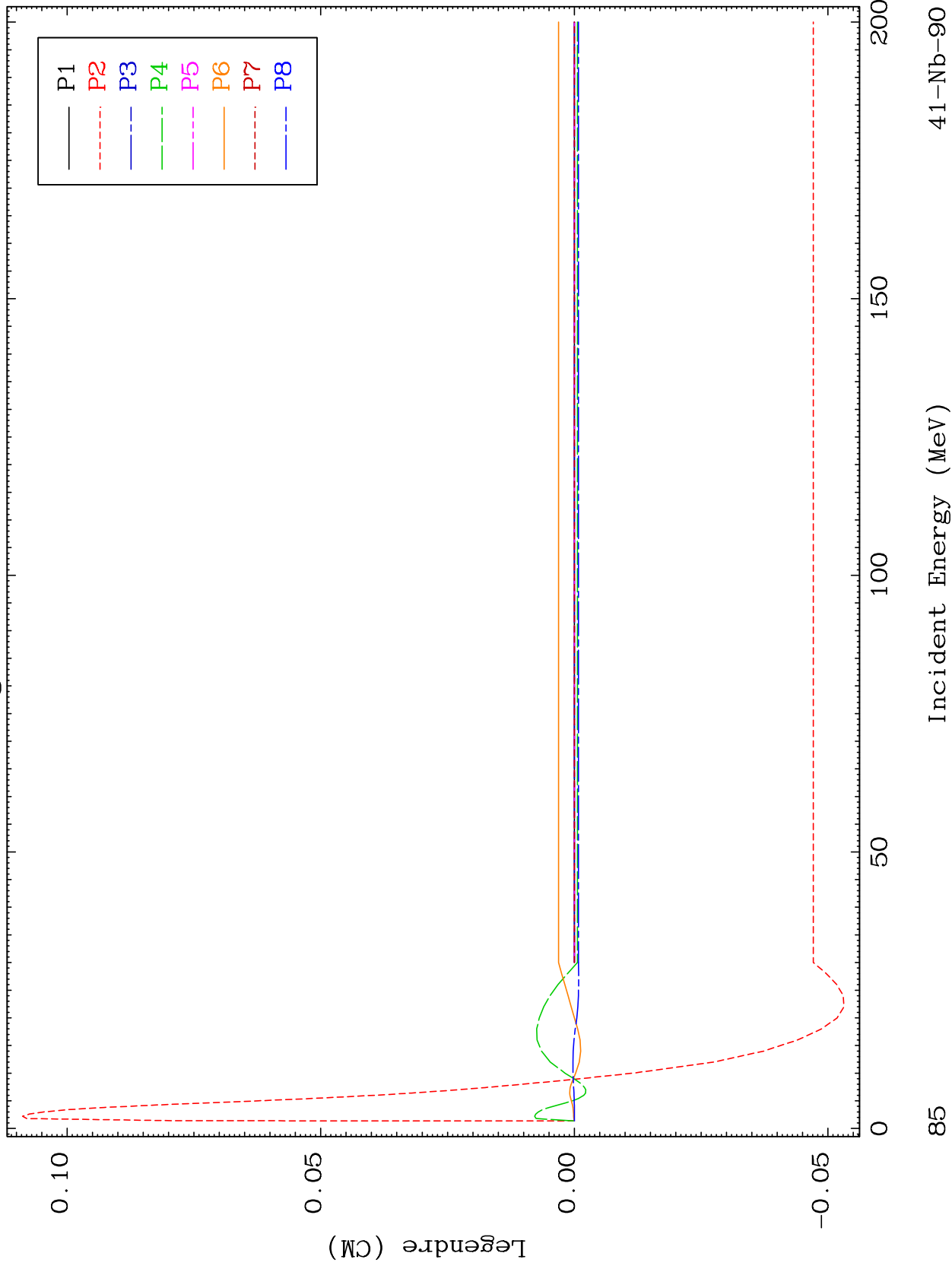


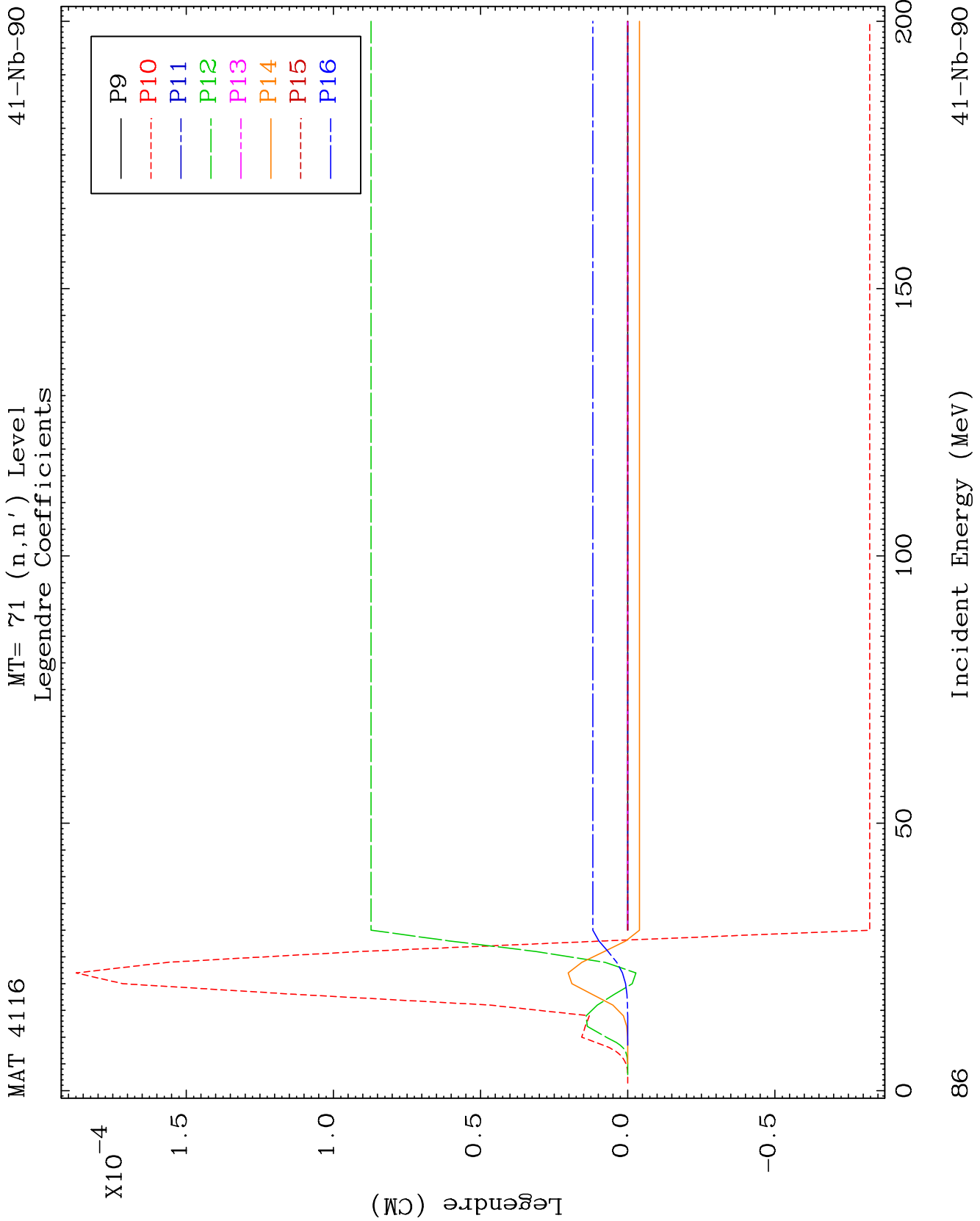


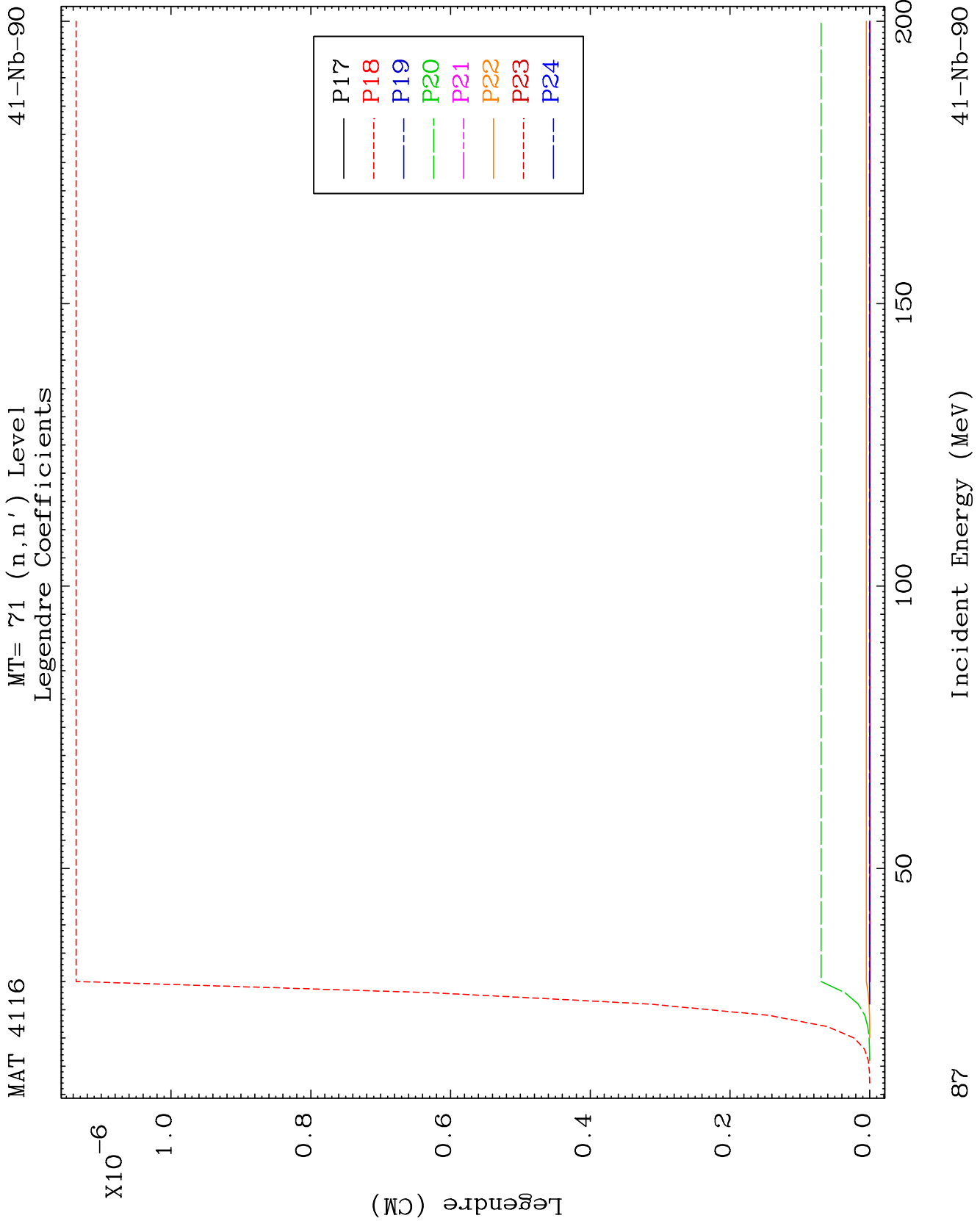
MAT 4116

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

41-Nb-90





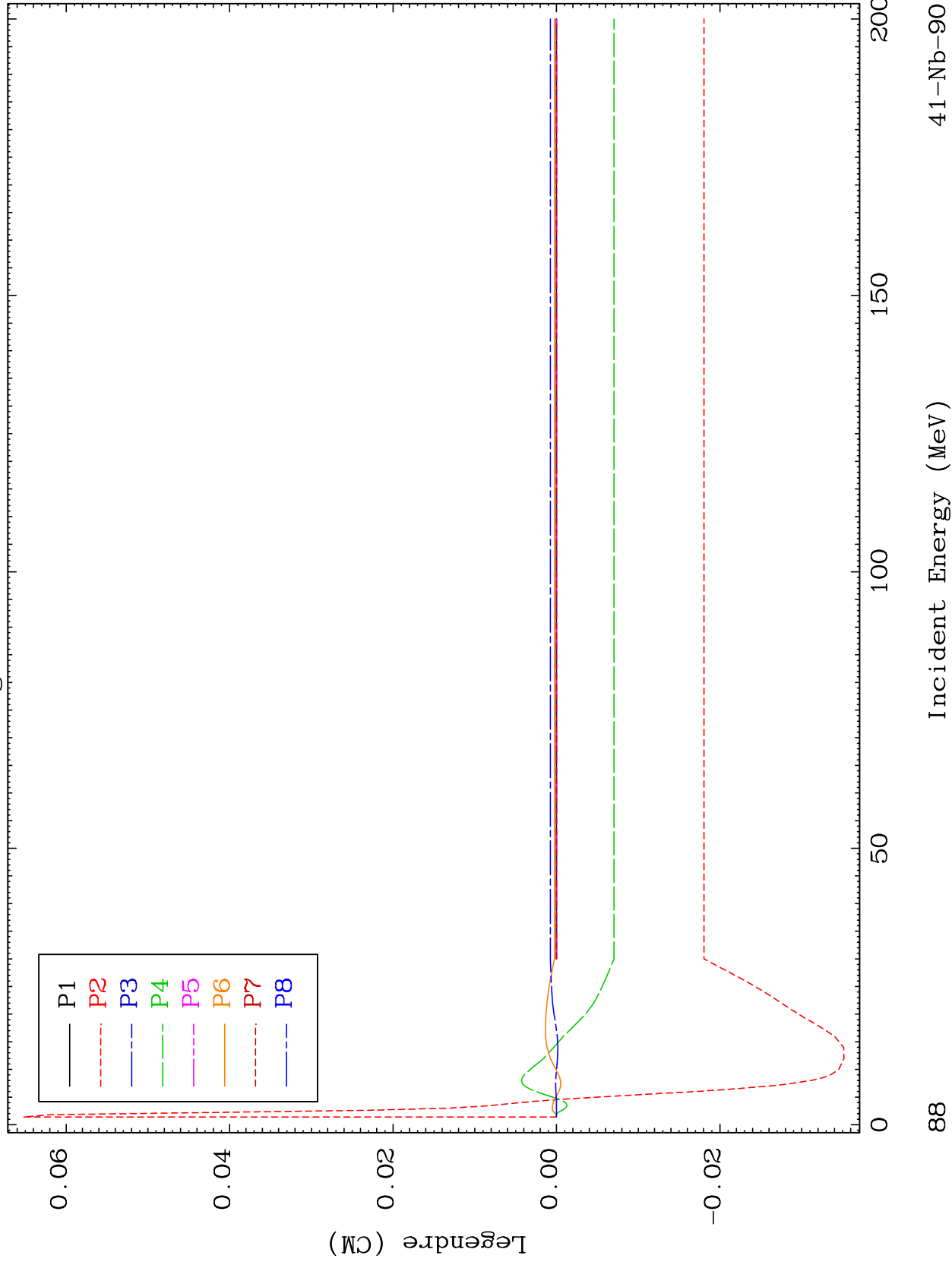




MAT 4116

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

41-Nb-90



88







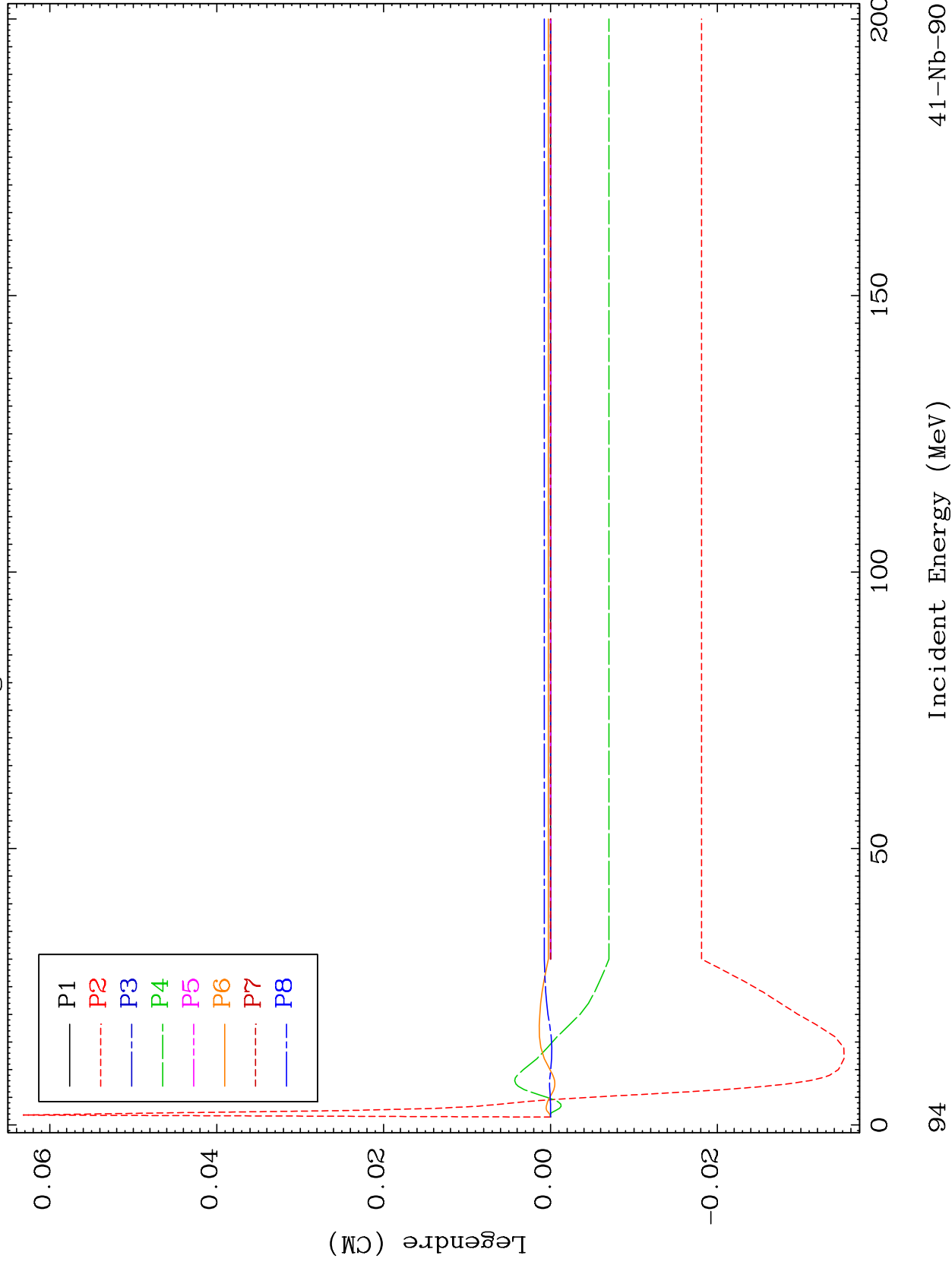


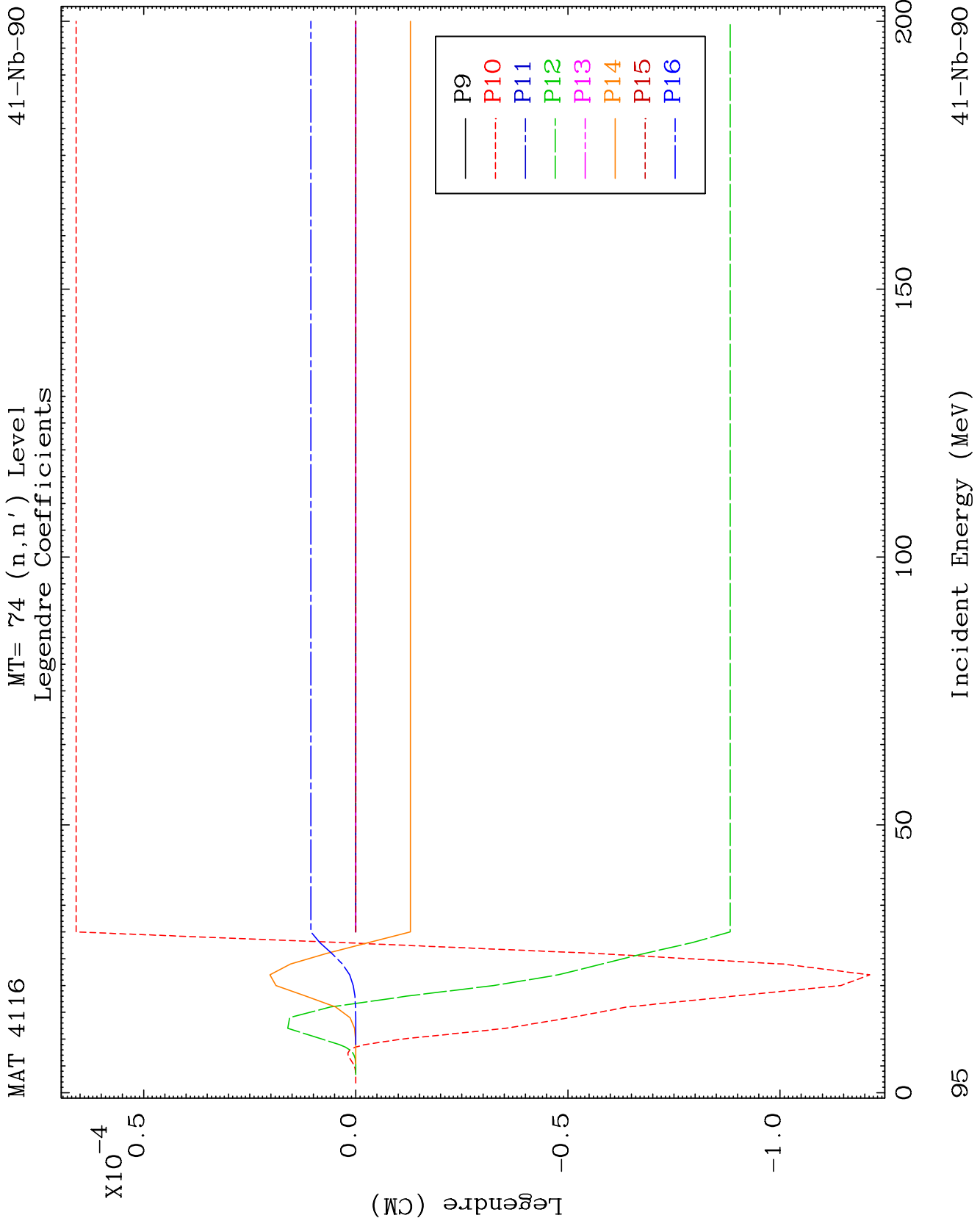


MAT 4116

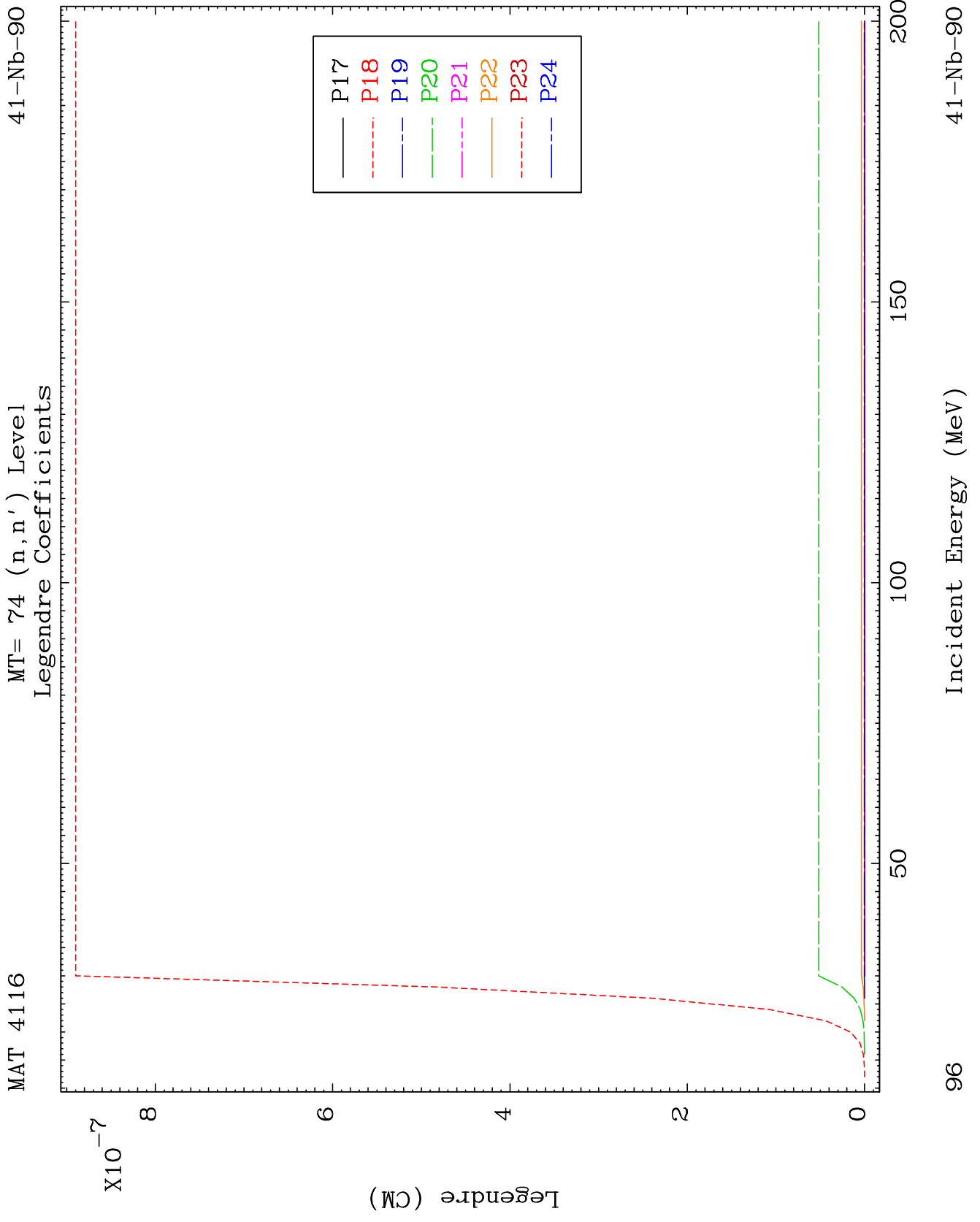
MT= 74 (n,n') Level  
Legendre Coefficients

41-Nb-90







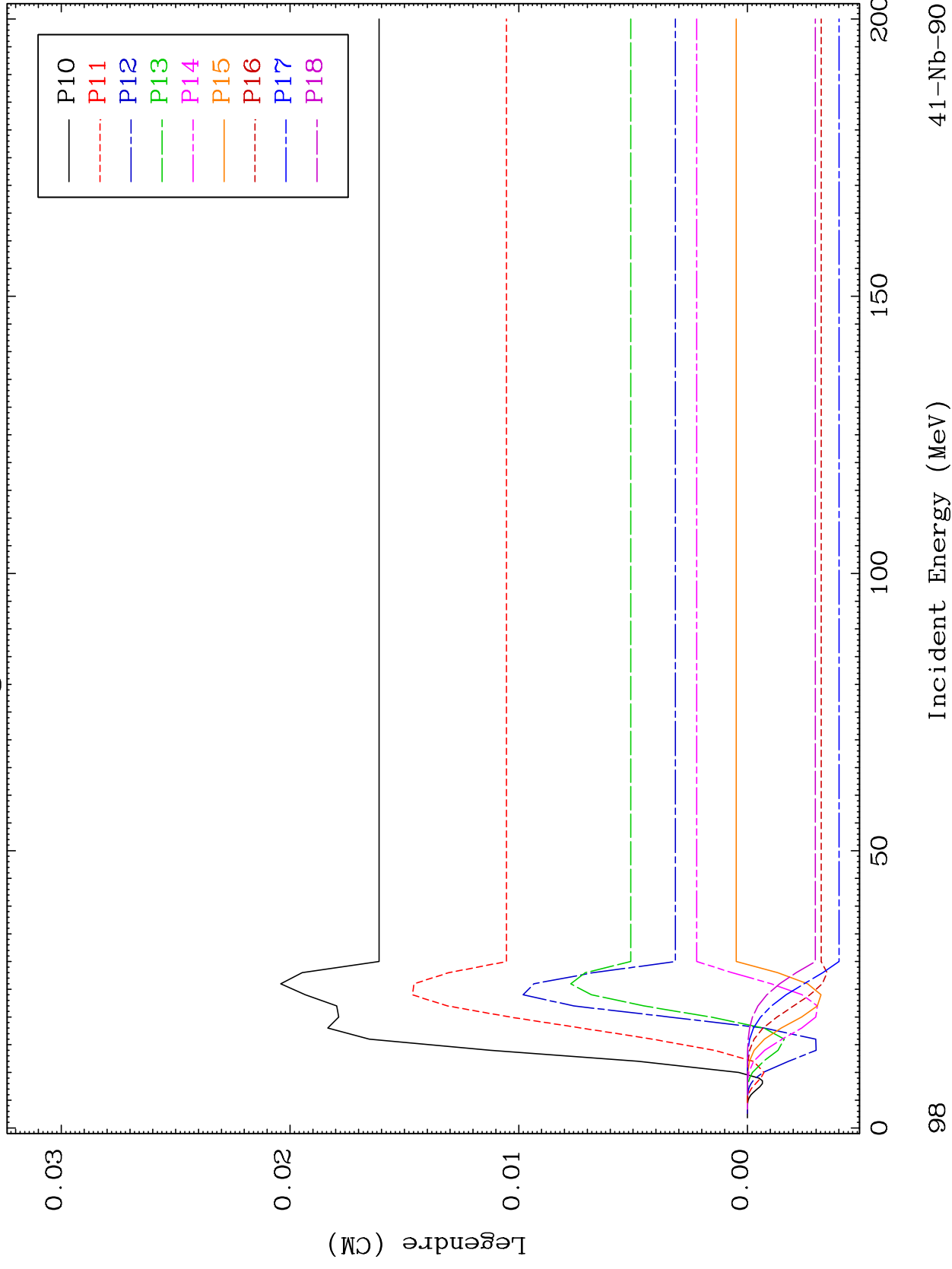




MAT 4116

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

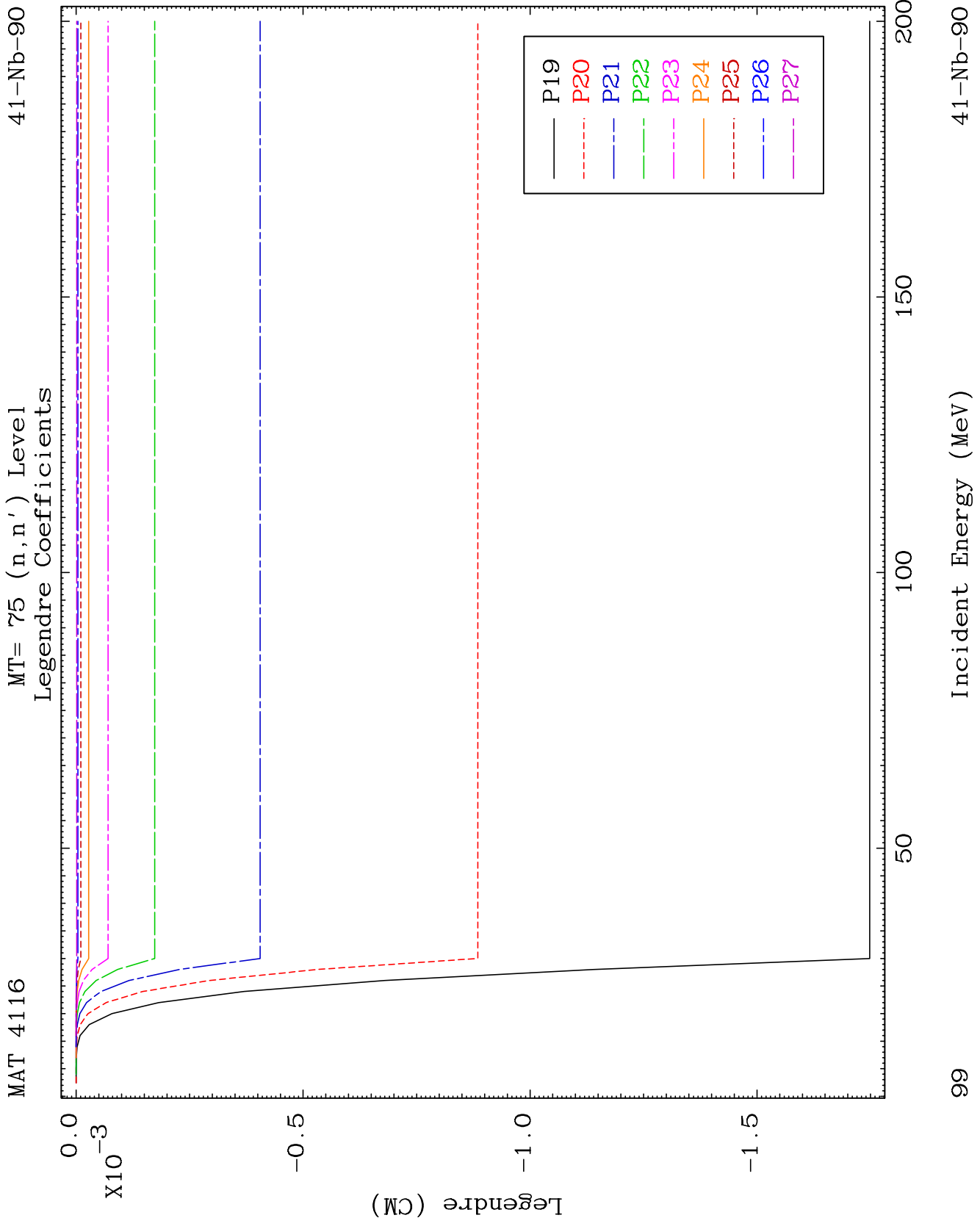
41-Nb-90

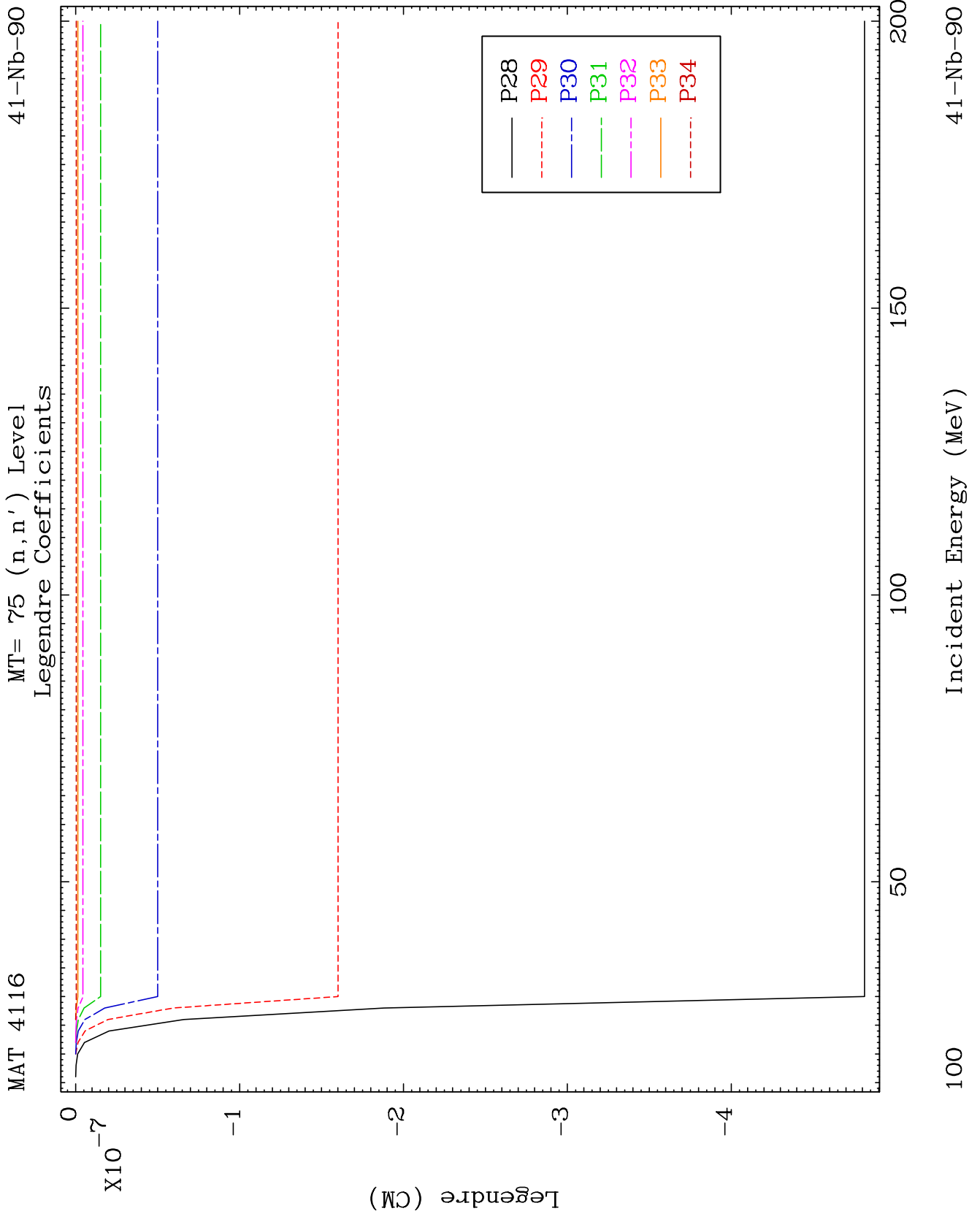


98

Incident Energy (MeV)

41-Nb-90

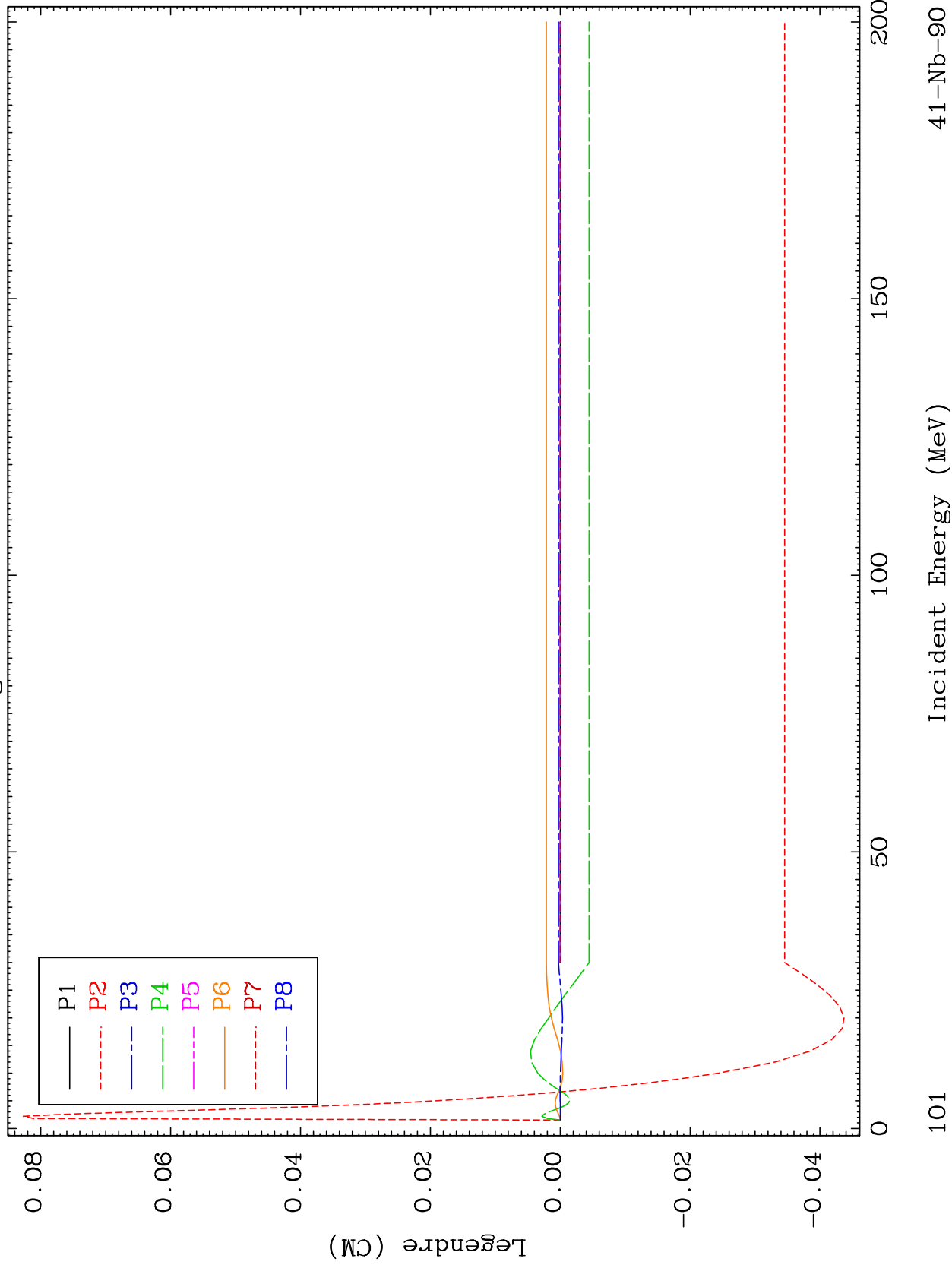




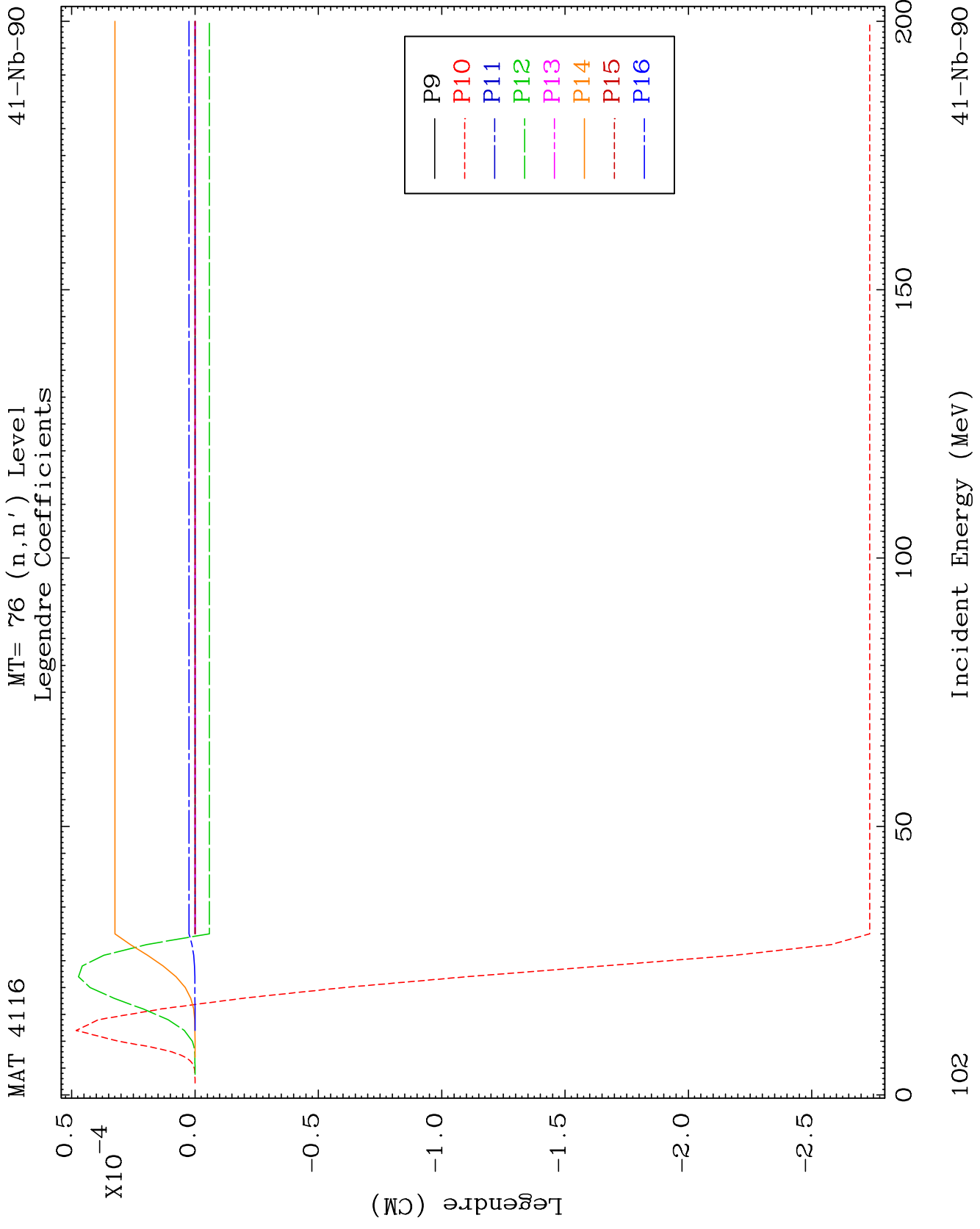
MAT 4116

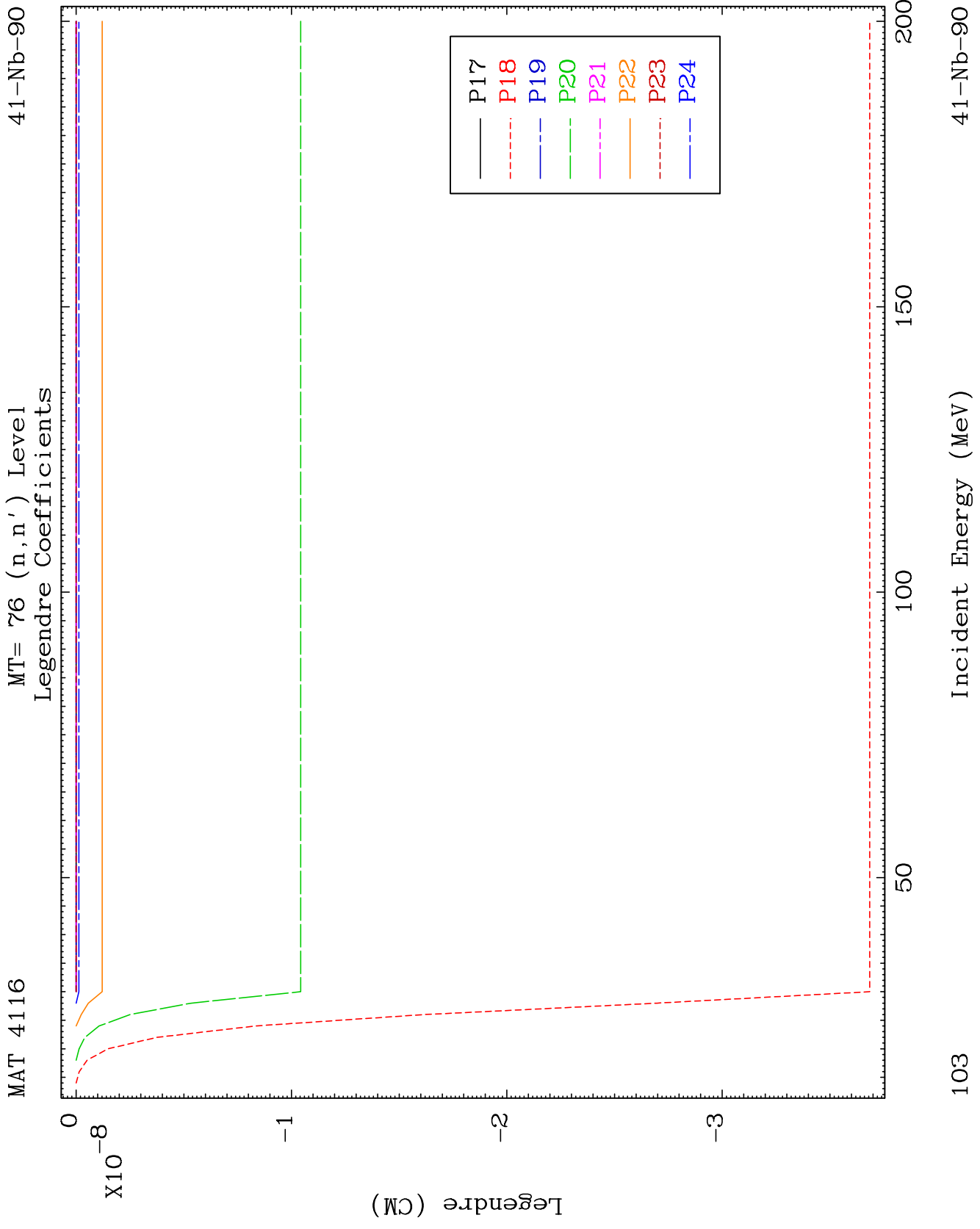
MT= 76 (n,n') Level  
Legendre Coefficients

41-Nb-90



101



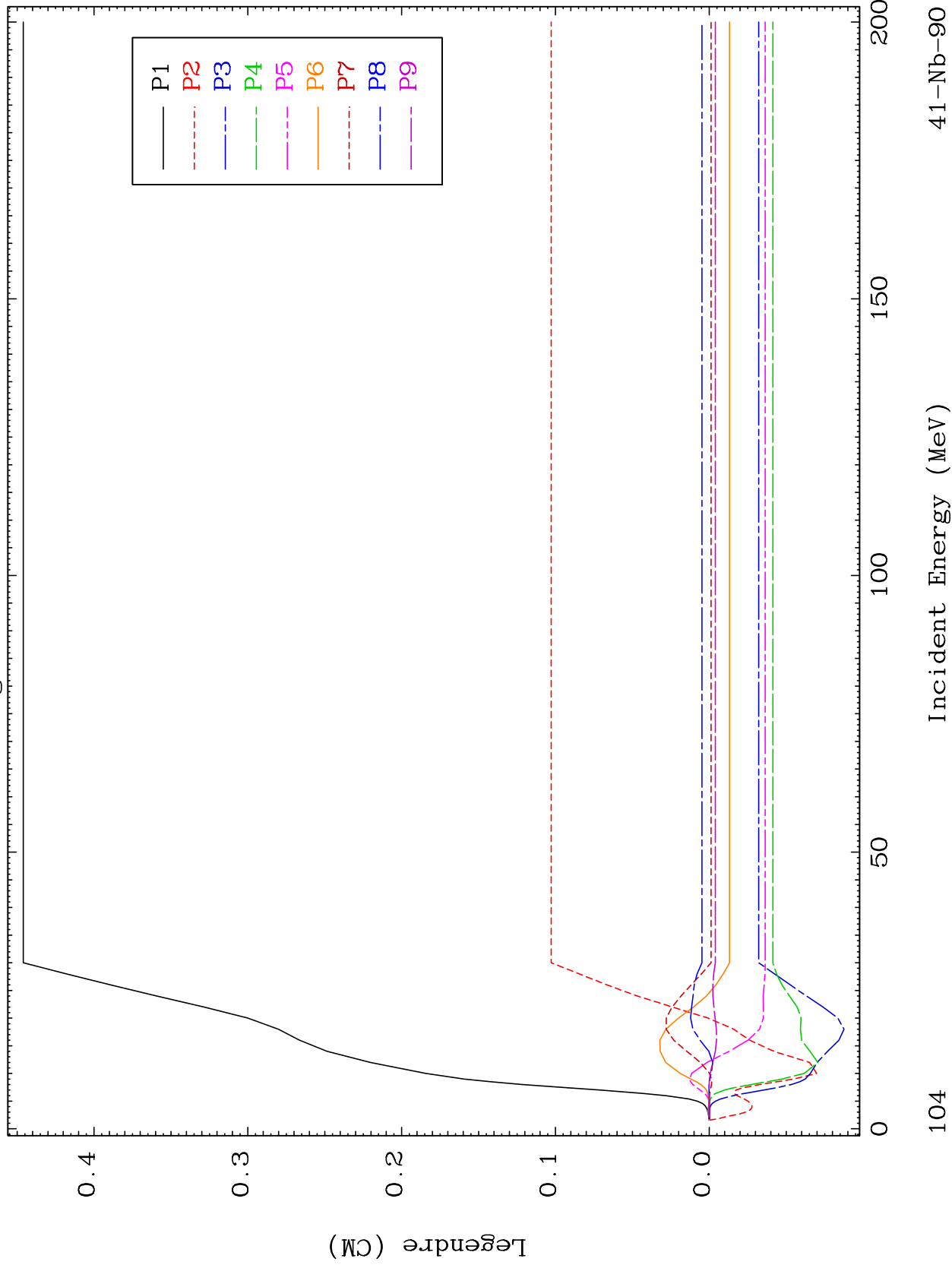




MAT 4116

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

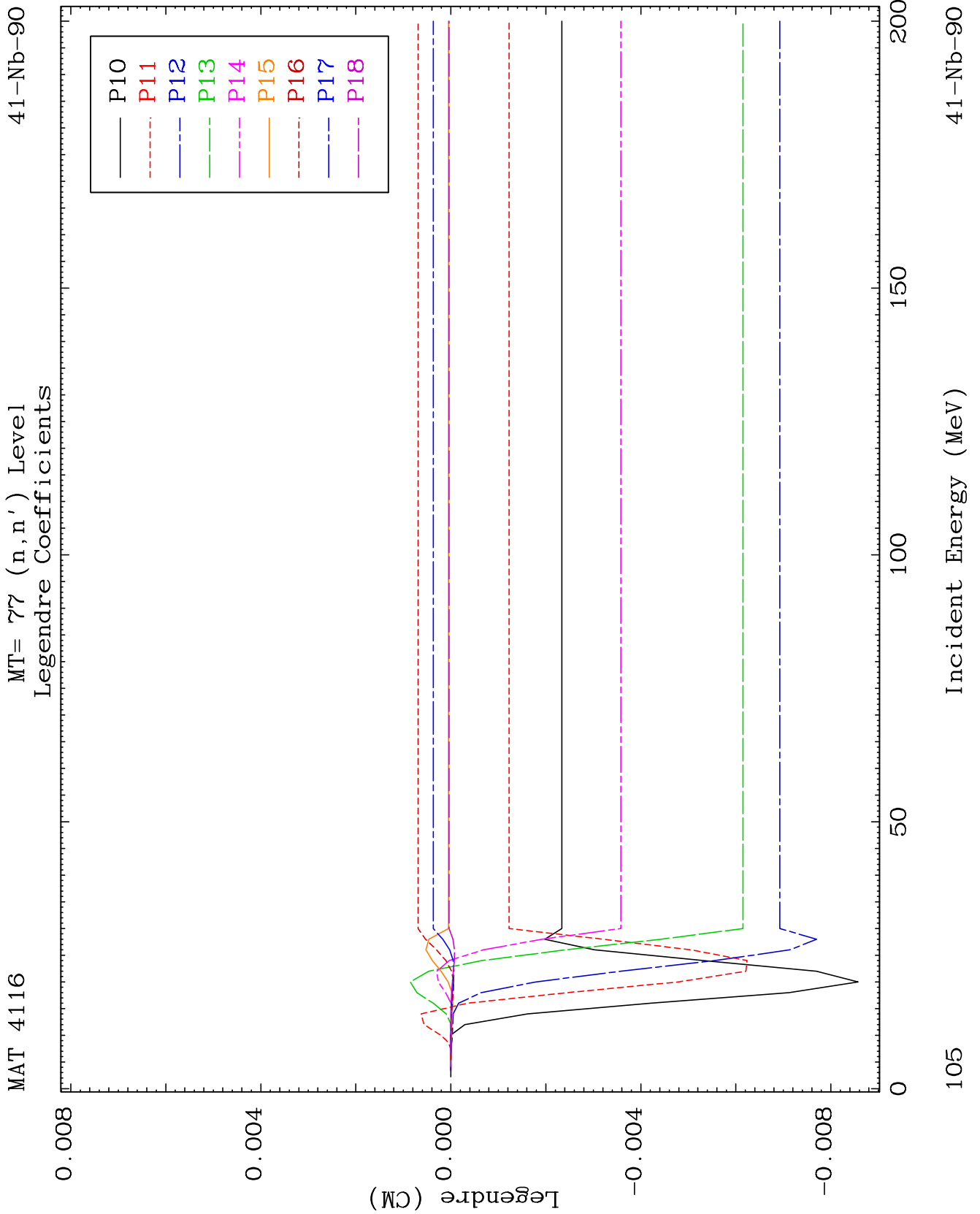
41-Nb-90



41-Nb-90

Incident Energy (MeV)

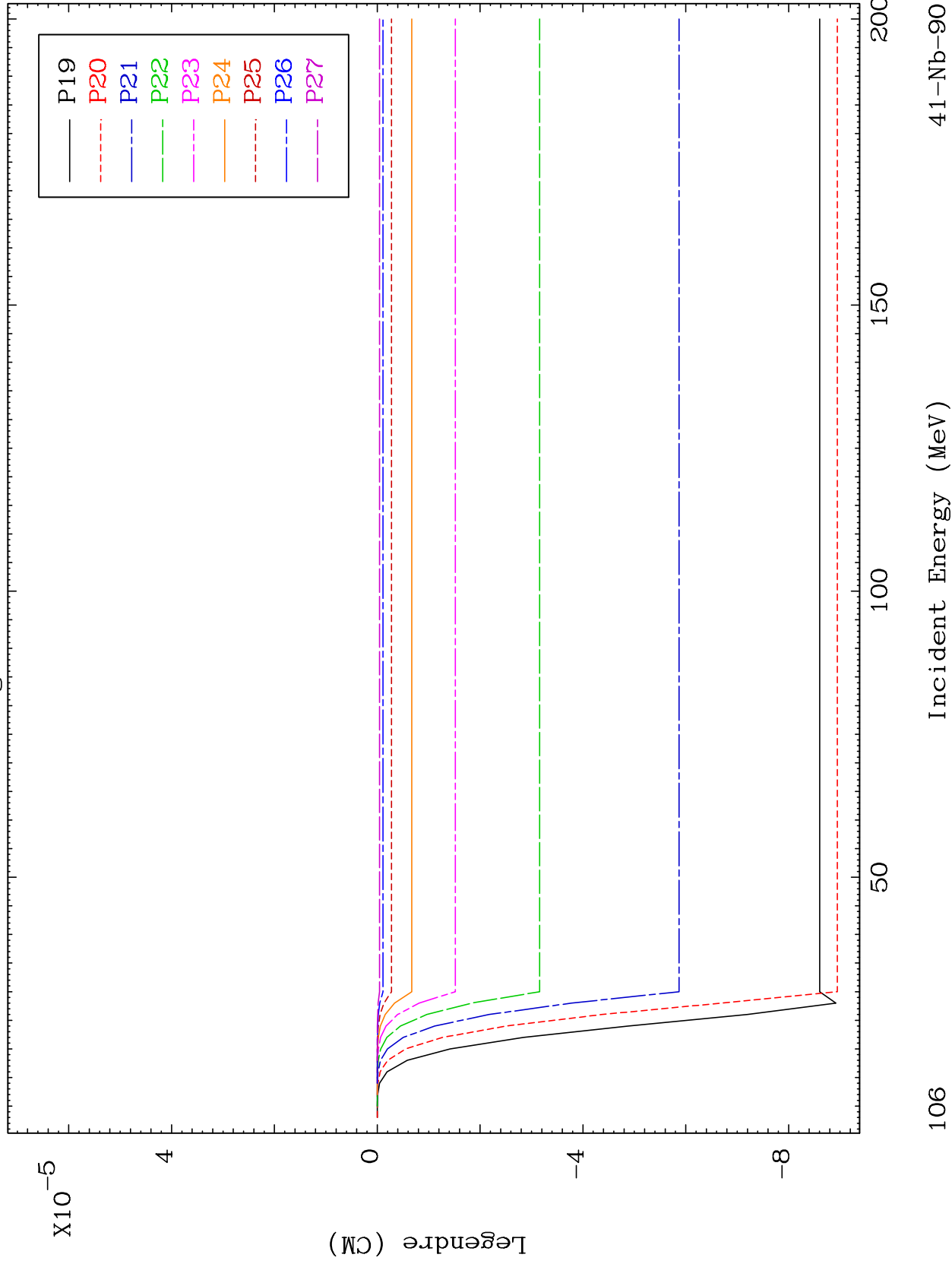
104



MAT 4116

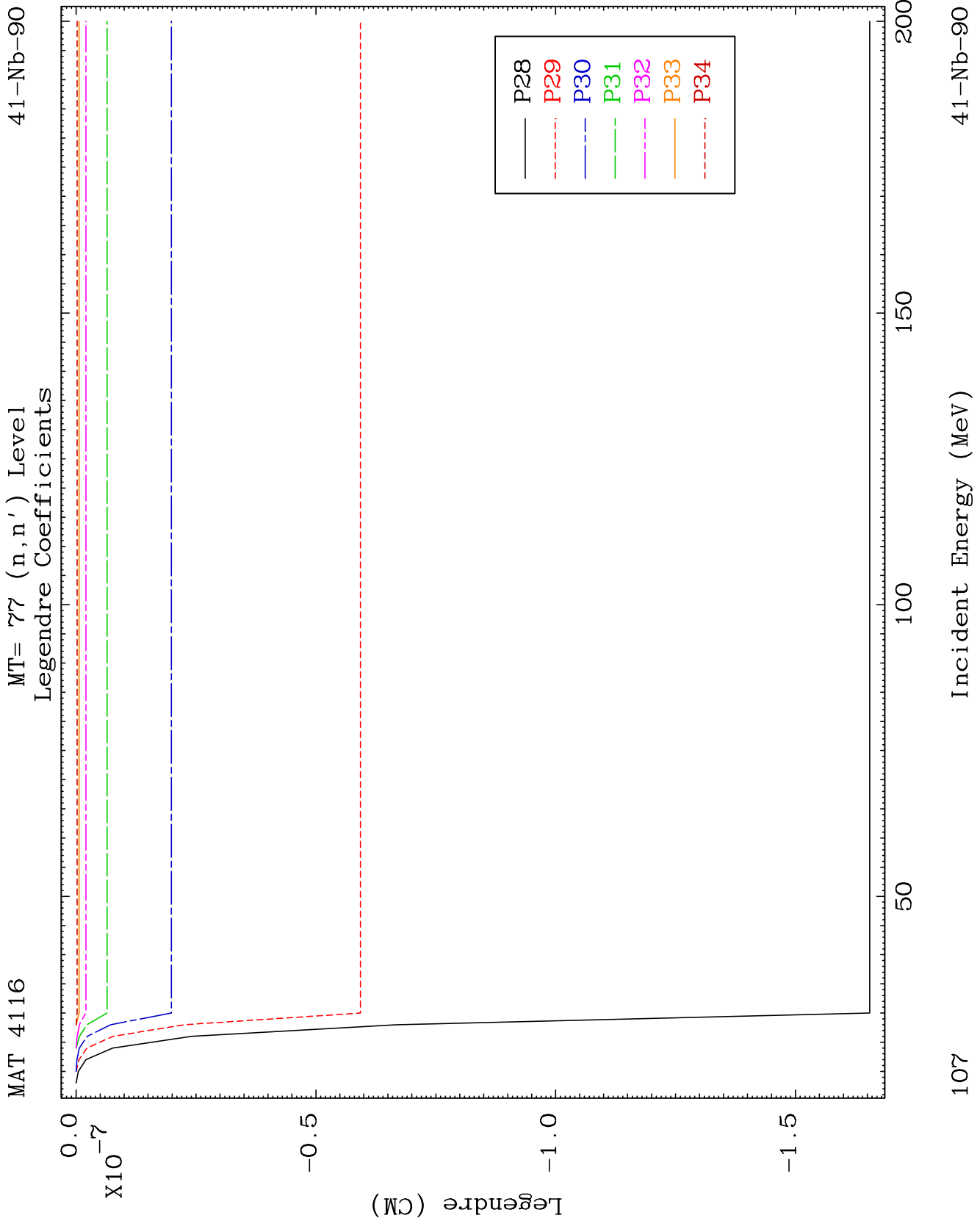
MT= 77 (n,n') Level  
Legendre Coefficients

41-Nb-90



106

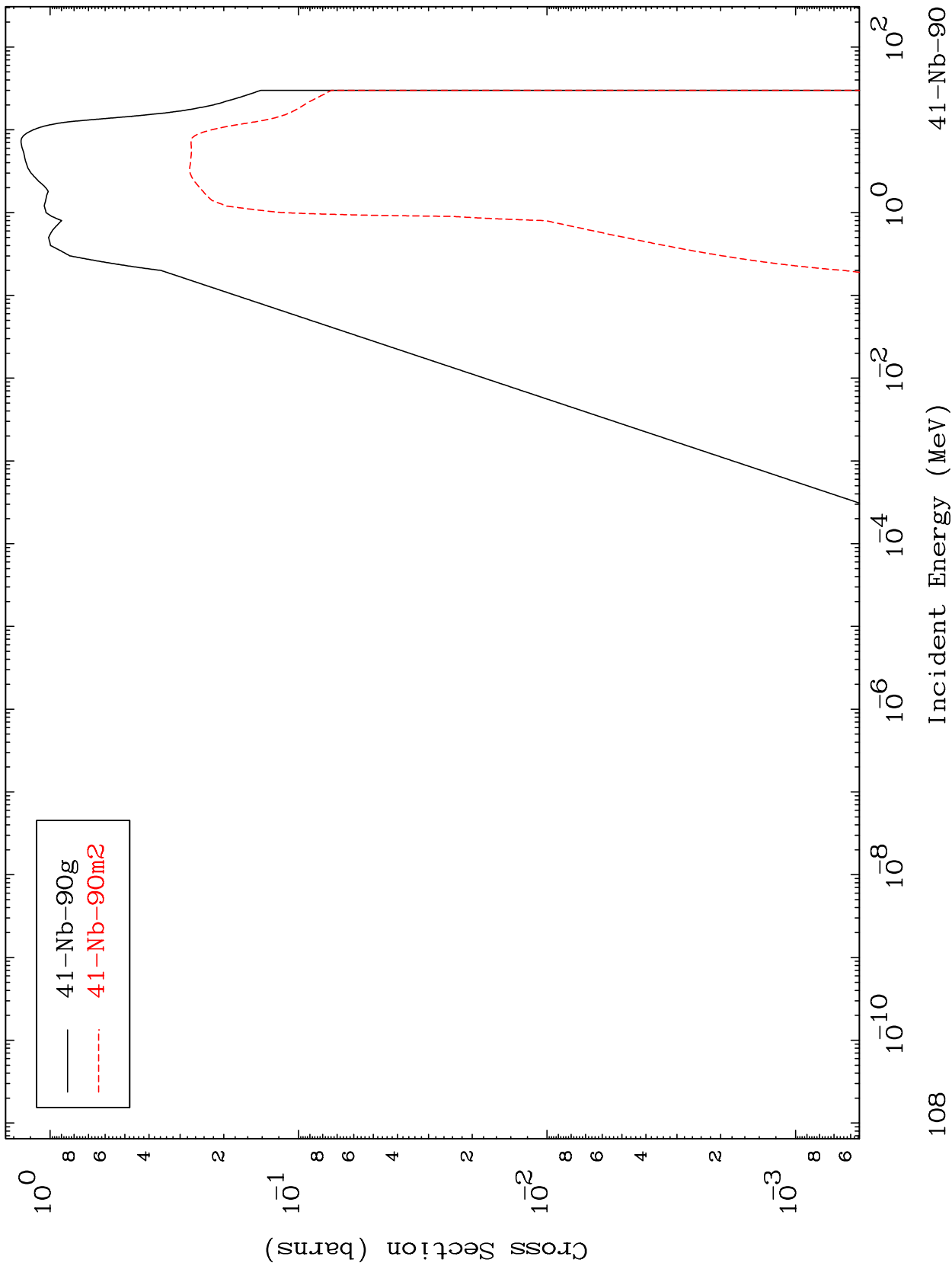
41-Nb-90



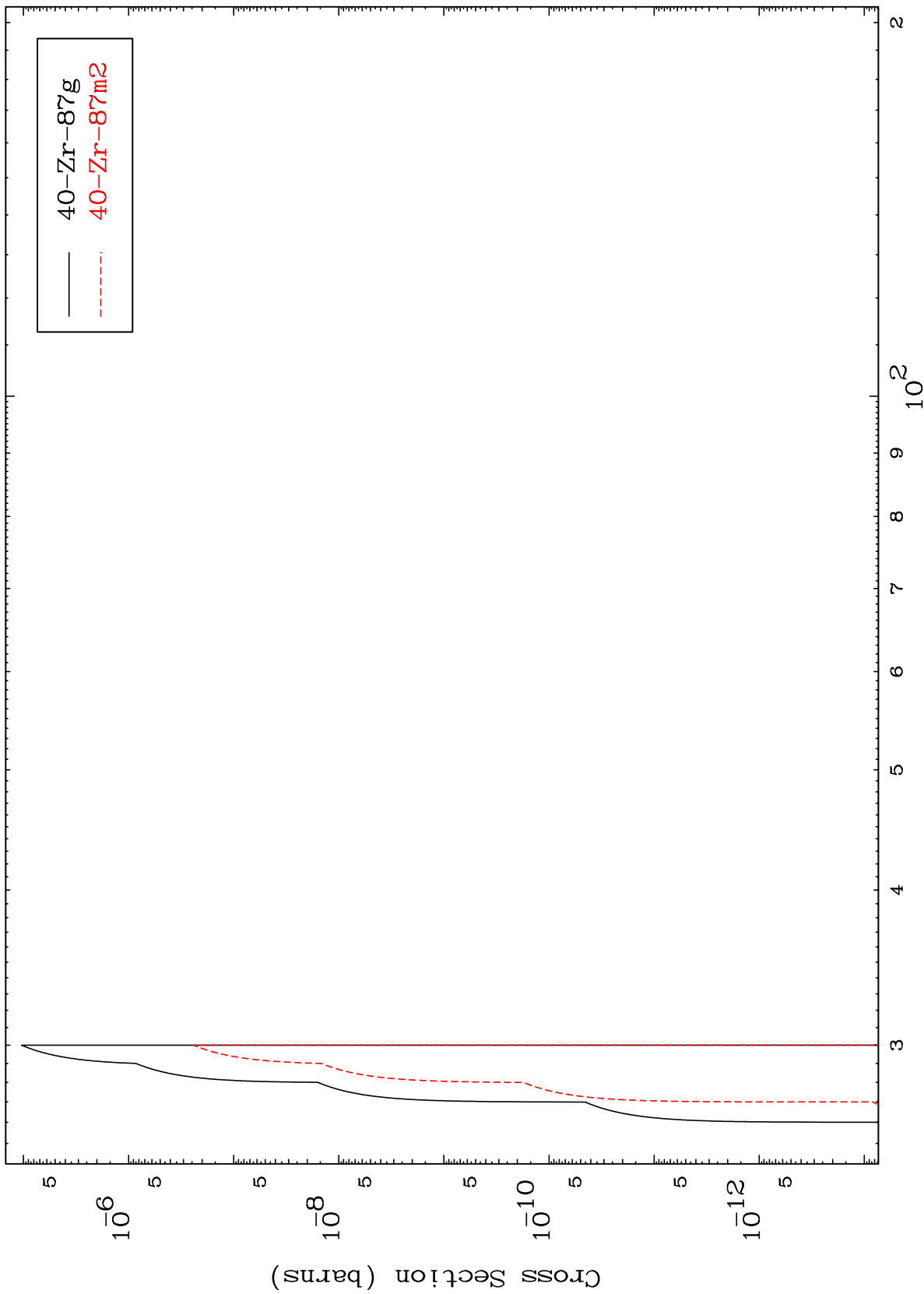
MAT 4116

41-Nb-90

Inelastic  
Radionuclide Production Cross Section



Radionuclide Production Cross Section

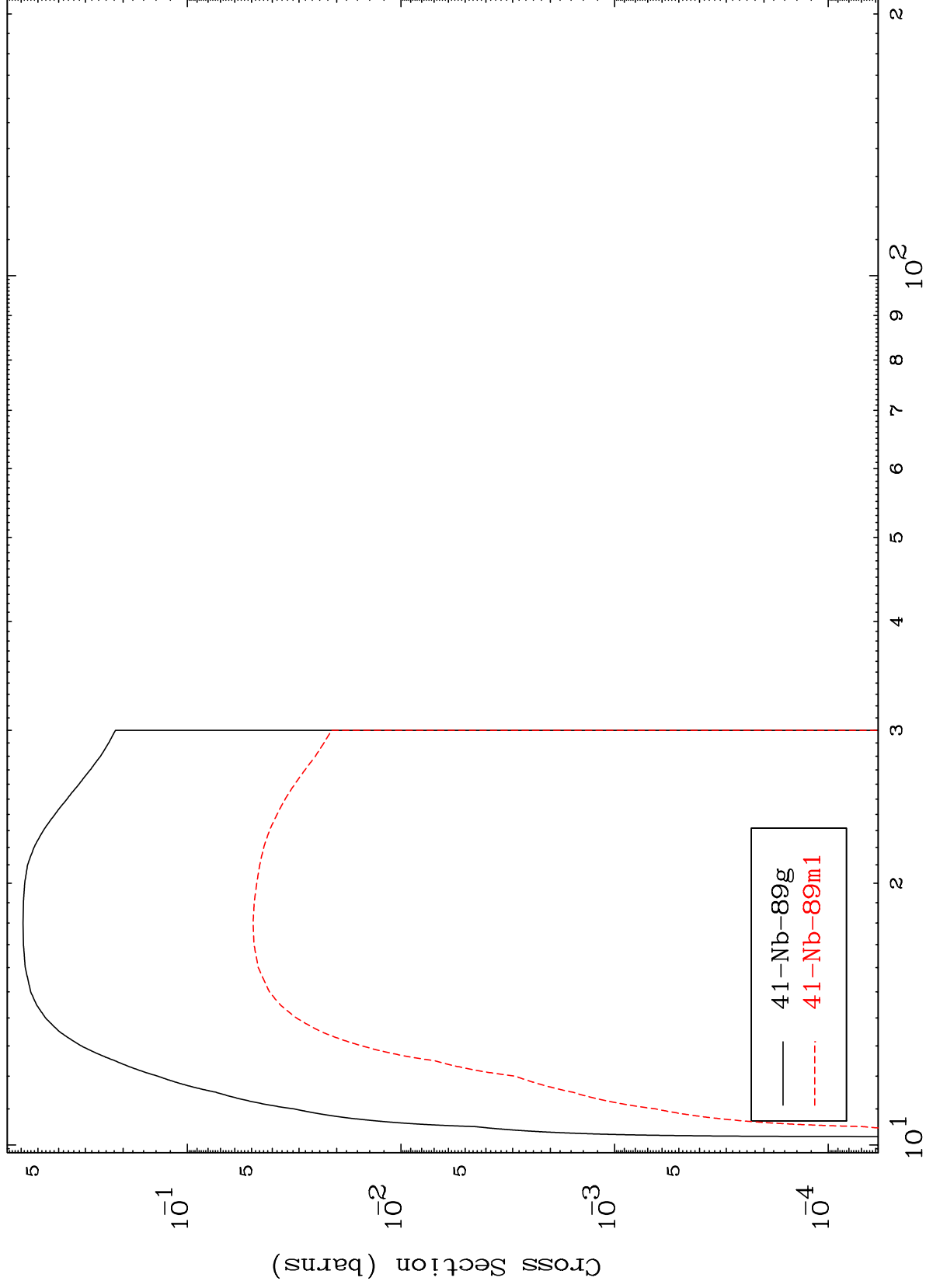


MAT 4116

(n,2n)

41-Nb-90

Radionuclide Production Cross Section



Incident Energy (MeV)

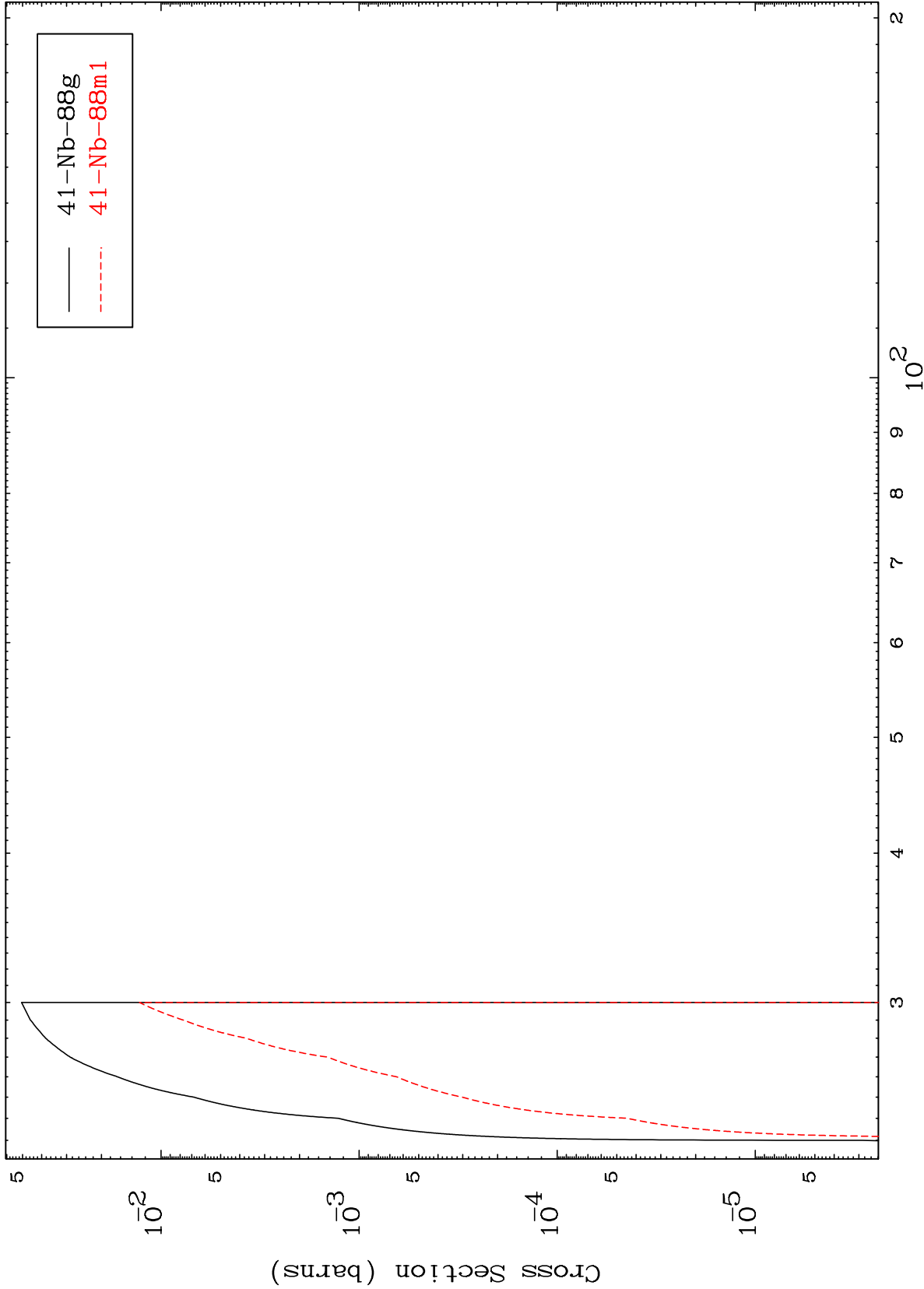
41-Nb-90

MAT 4116

(n,3n)

41-Nb-90

Radionuclide Production Cross Section



41-Nb-88g  
41-Nb-88m1

111

Incident Energy (MeV)

41-Nb-90

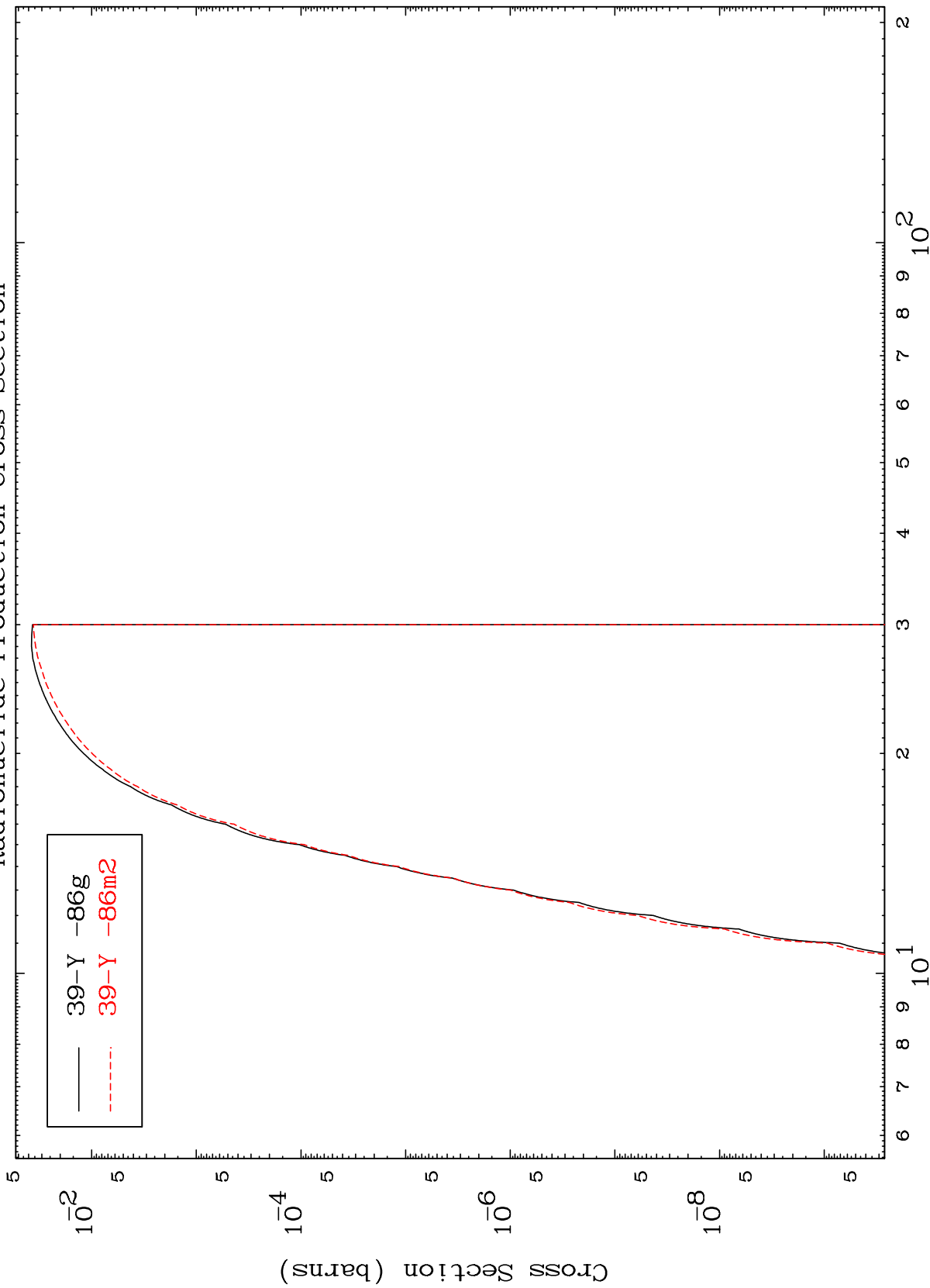


MAT 4116

$(n, n')$   $\alpha$

41-Nb-90

Radionuclide Production Cross Section



112

Incident Energy (MeV)

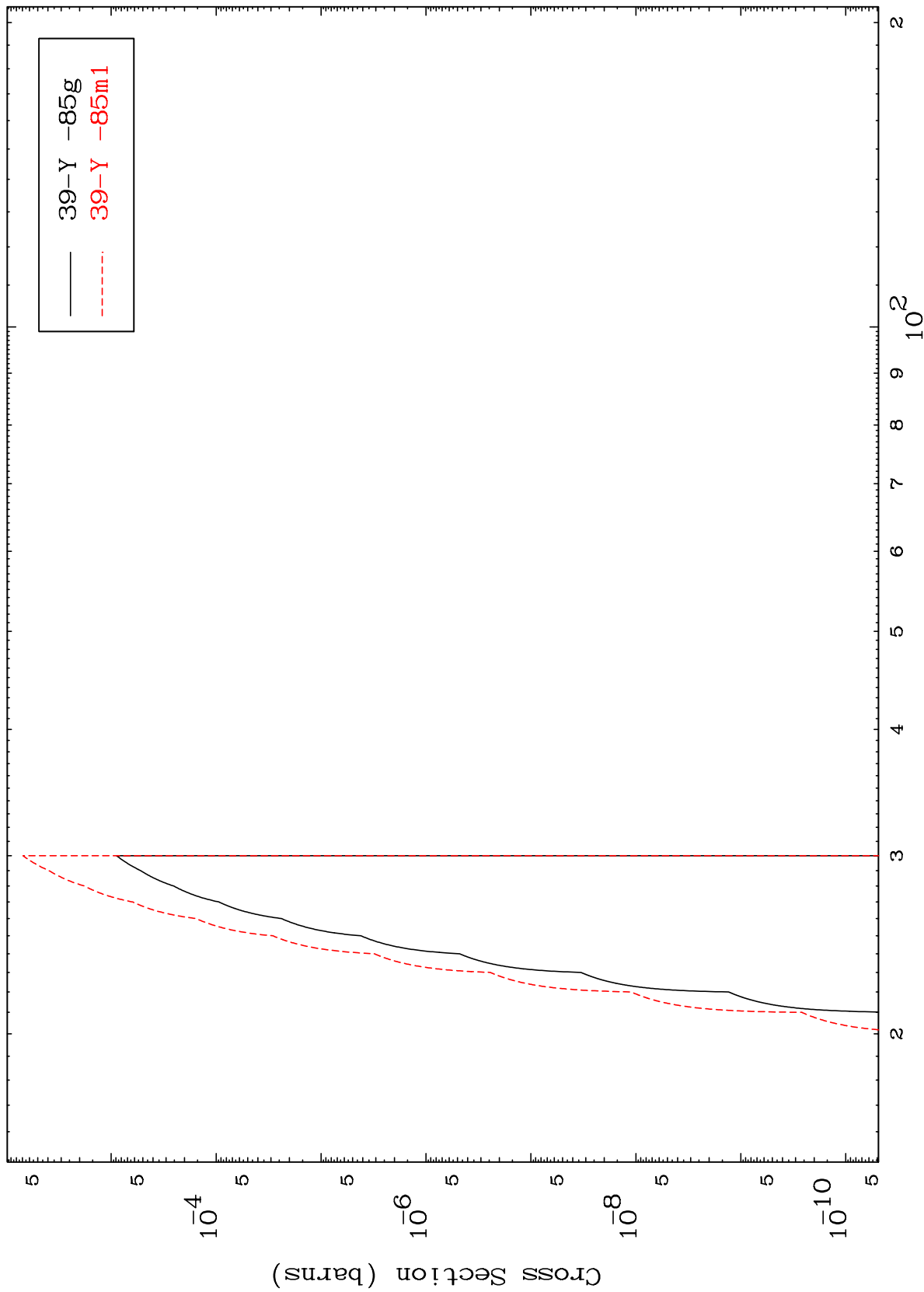
41-Nb-90

MAT 4116

(n,2n)  $\alpha$

41-Nb-90

Radionuclide Production Cross Section



39-Y -85g  
39-Y -85m1

113

Incident Energy (MeV)

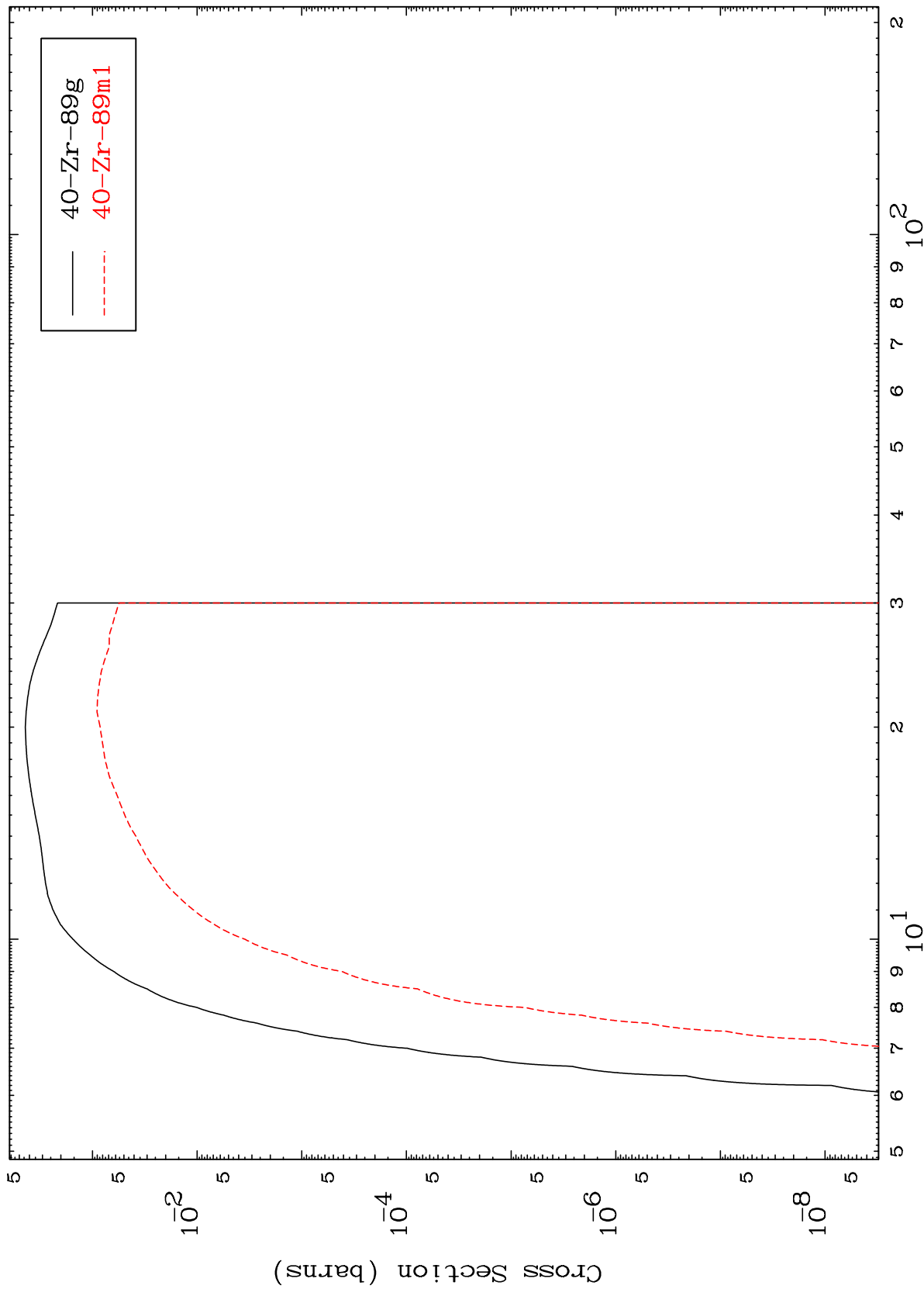
41-Nb-90

MAT 41116

(n,n') p

41-Nb-90

Radionuclide Production Cross Section



114

Incident Energy (MeV)

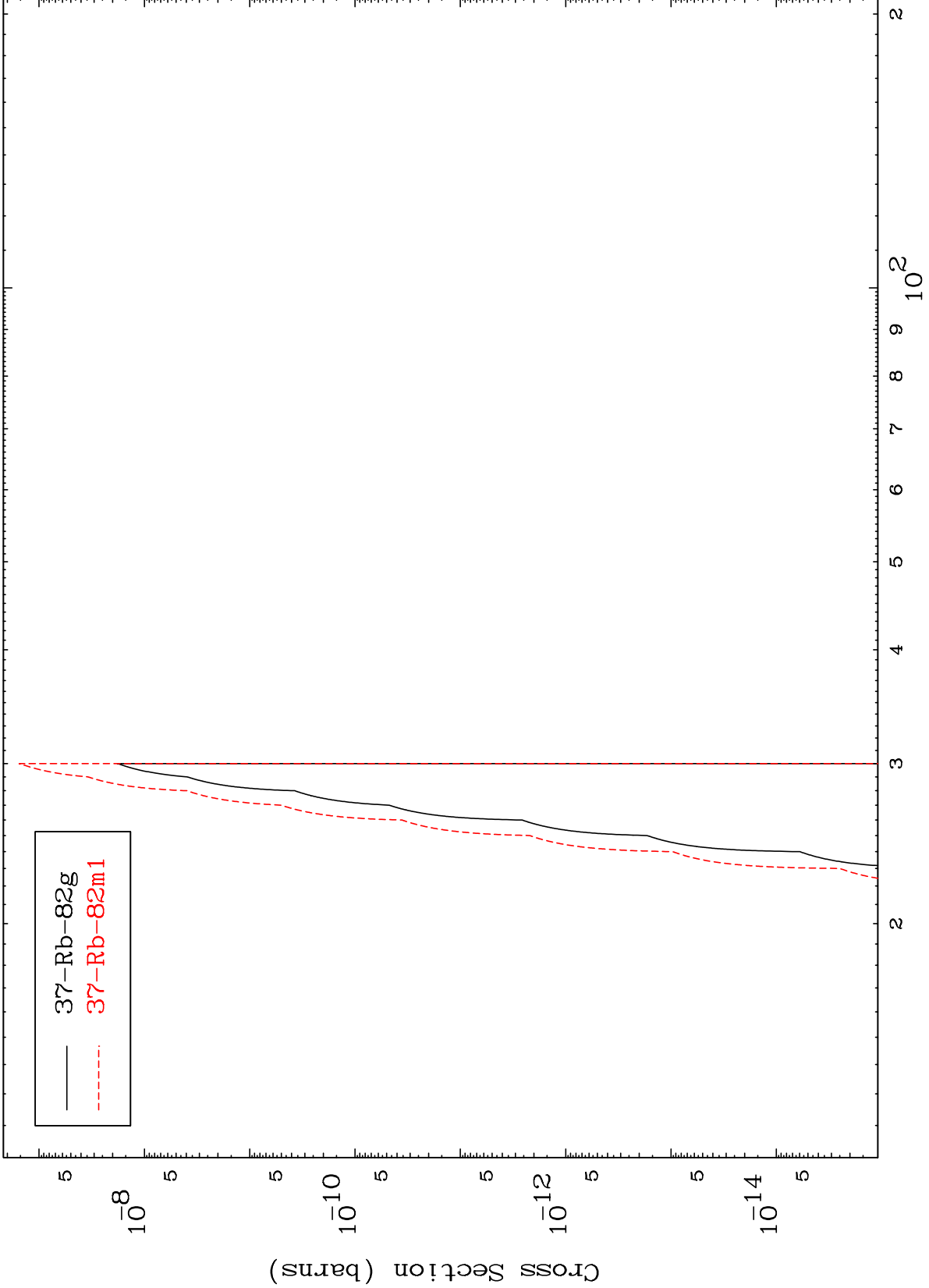
41-Nb-90

MAT 4116

(n,n') 2 $\alpha$

41-Nb-90

Radionuclide Production Cross Section



115

Incident Energy (MeV)

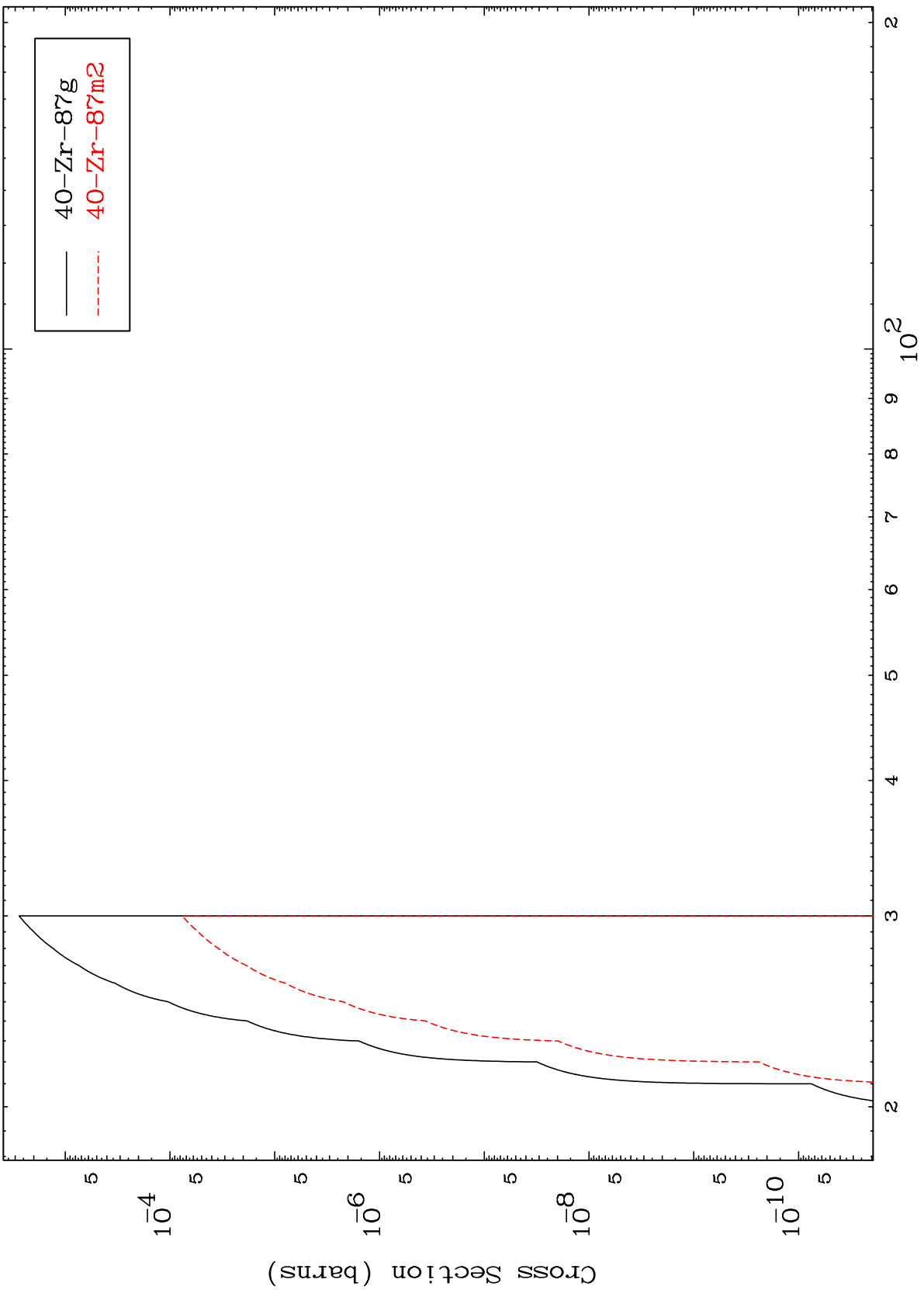
41-Nb-90

MAT 41116

(n,n') t

41-Nb-90

Radionuclide Production Cross Section



116

Incident Energy (MeV)

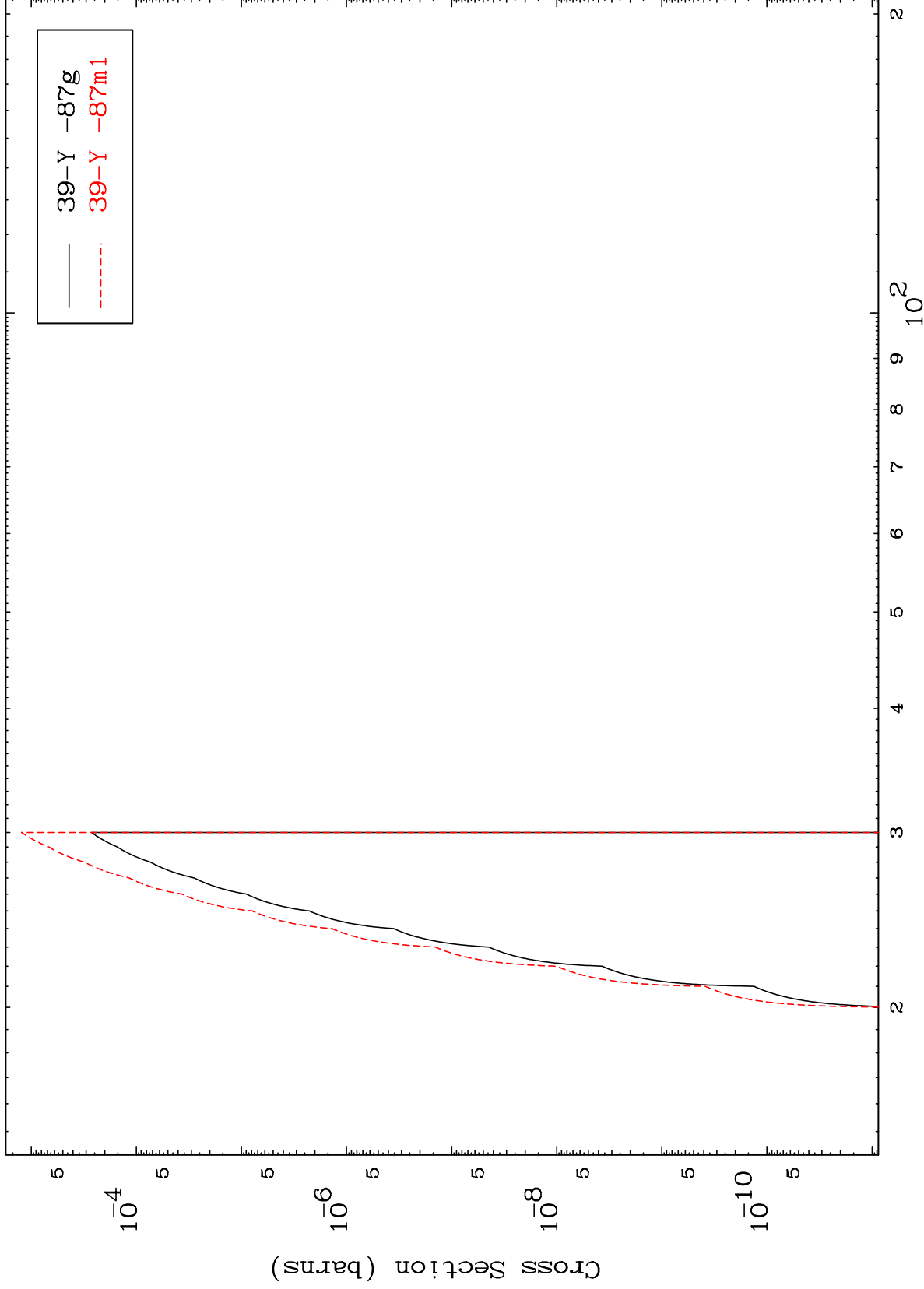
41-Nb-90

MAT 4116

(n,n') He-3

41-Nb-90

Radionuclide Production Cross Section

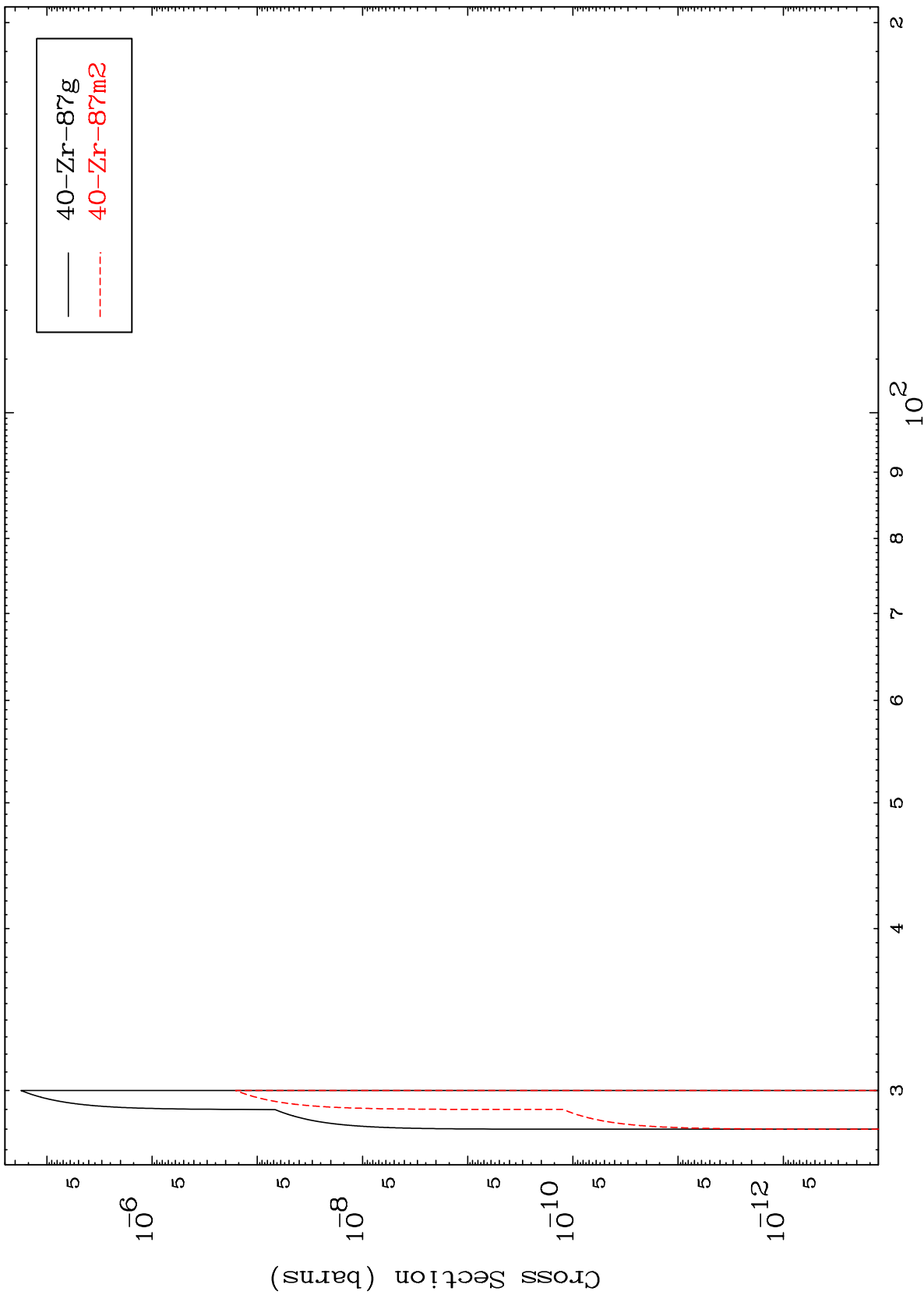


117

Incident Energy (MeV)

41-Nb-90

Radionuclide Production Cross Section

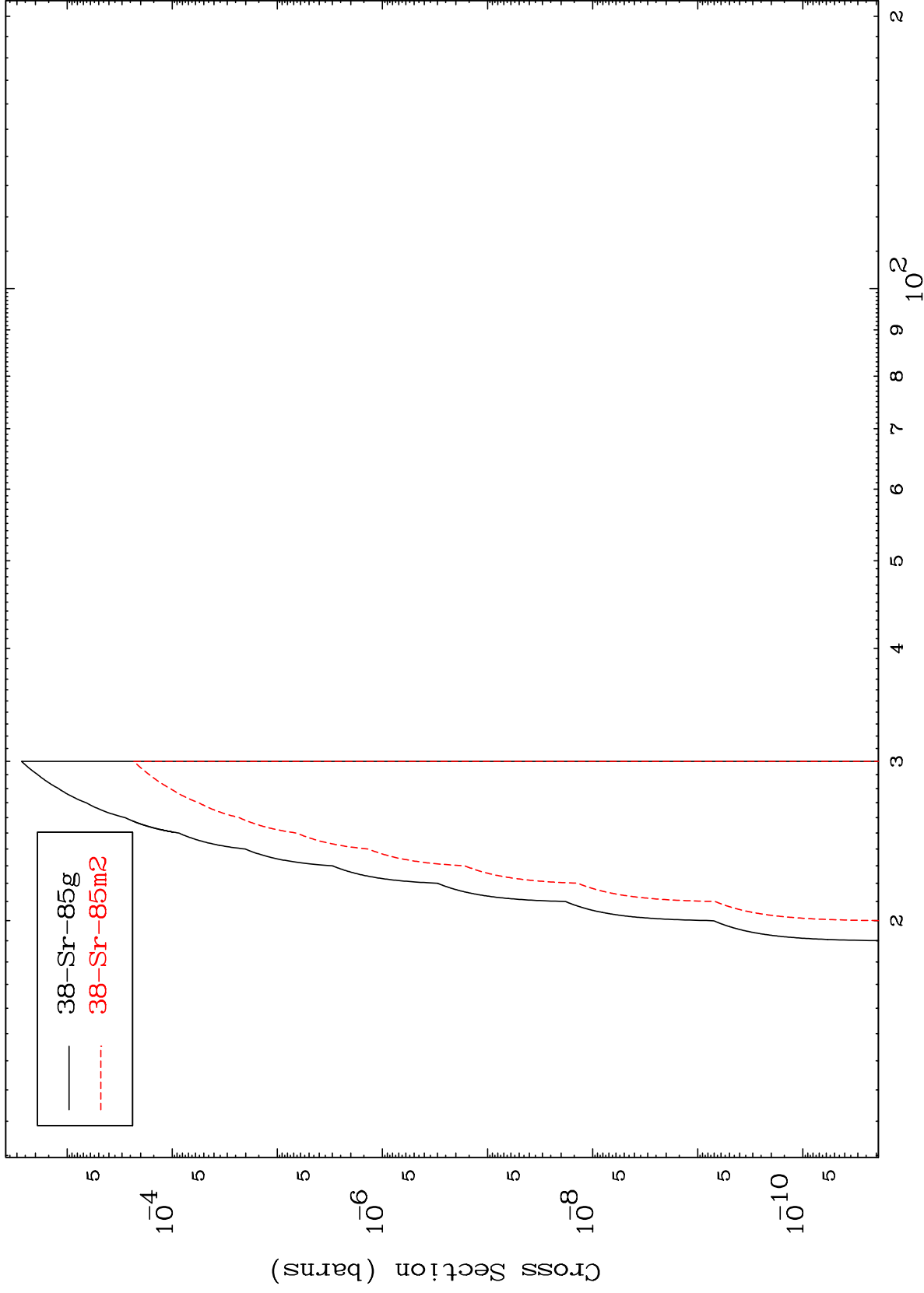


MAT 41116

(n,n') p  $\alpha$

41-Nb-90

Radionuclide Production Cross Section



119

Incident Energy (MeV)

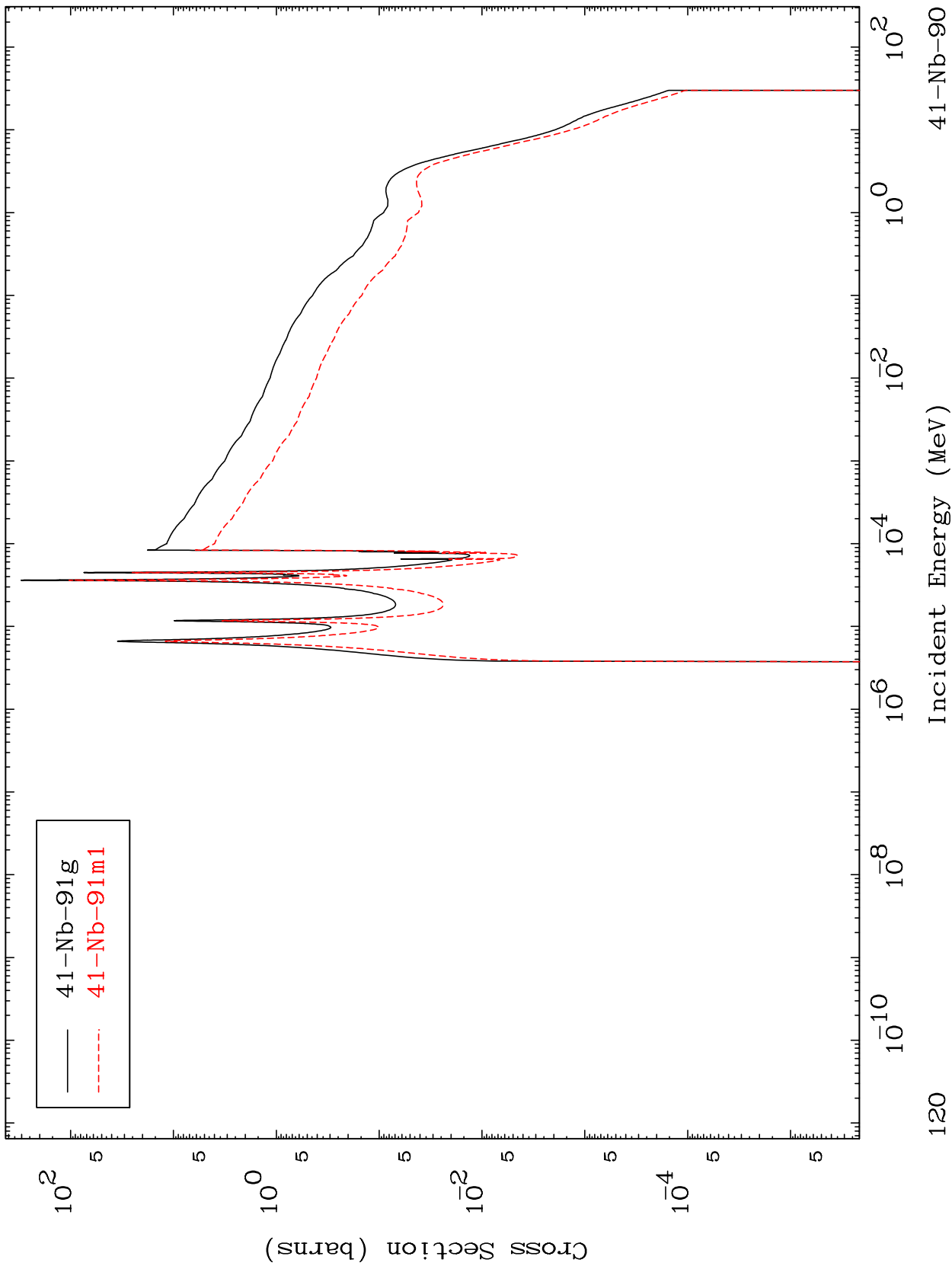
41-Nb-90



MAT 4116

41-Nb-90

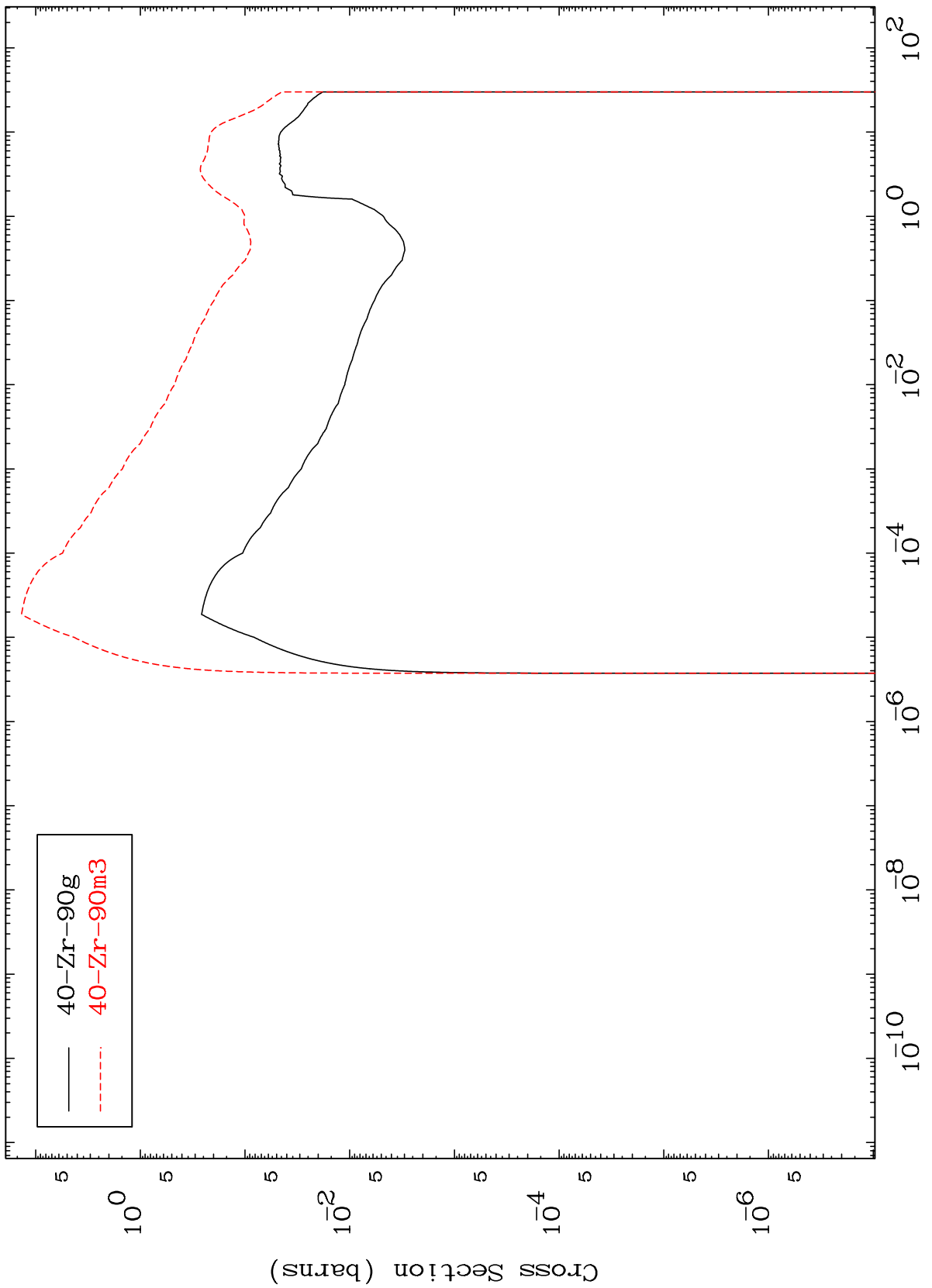
(n,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 4116

41-Nb-90

(n,p)  
Radionuclide Production Cross Section



— 40-Zr-90g  
- - - 40-Zr-90m3

121

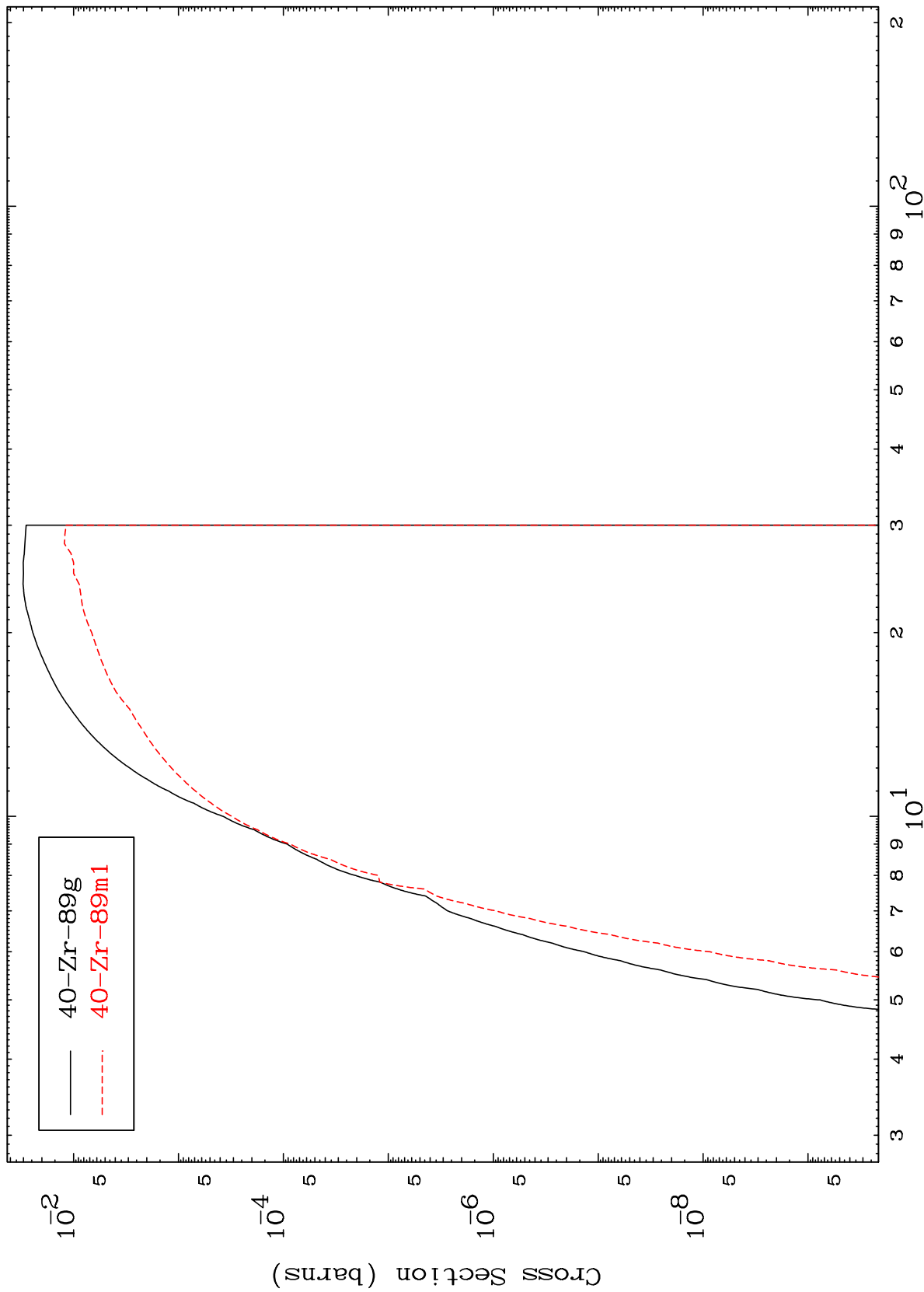
41-Nb-90

MAT 4116

(n,d)

41-Nb-90

Radionuclide Production Cross Section

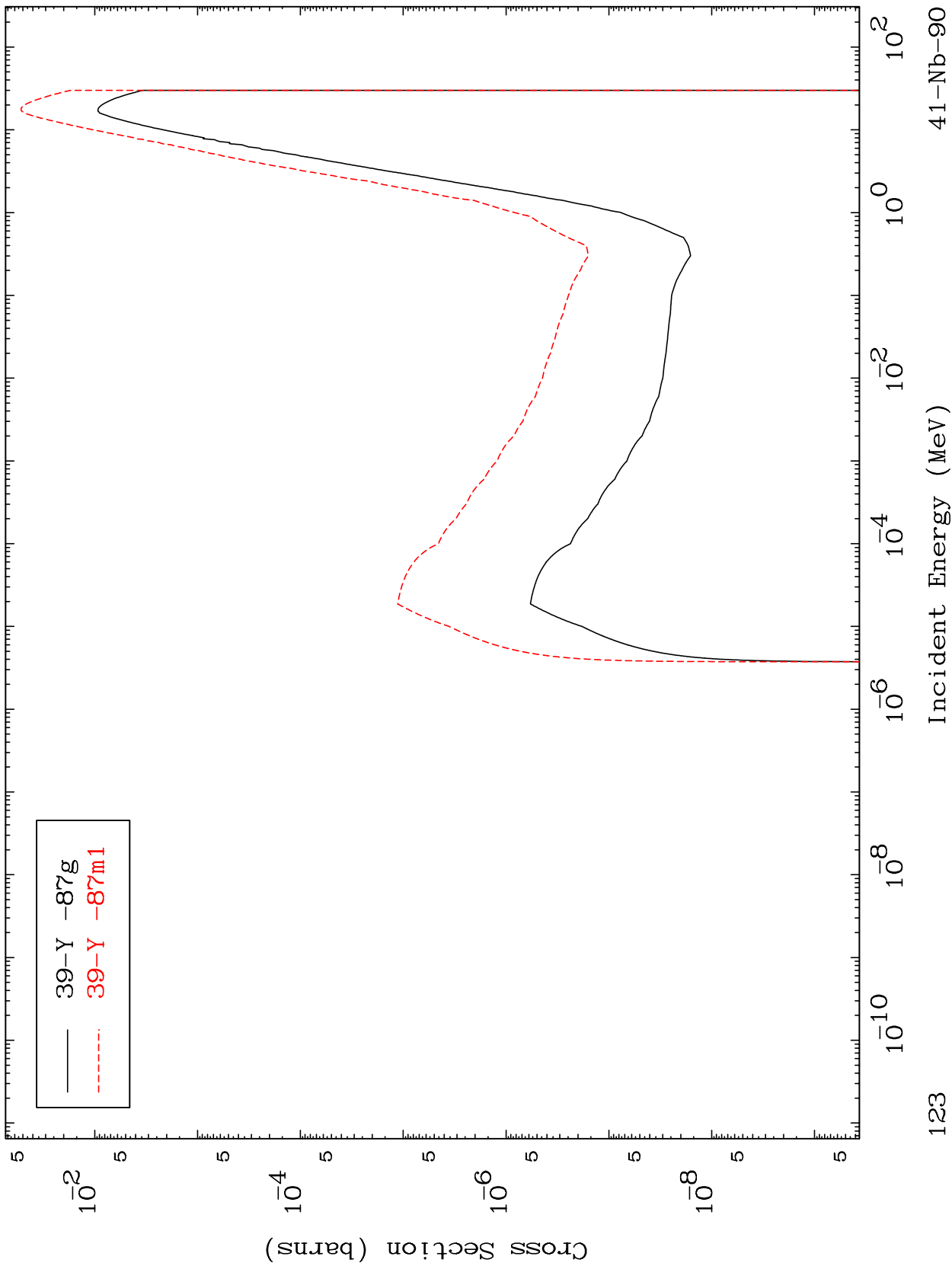


— 40-Zr-89g  
- - - 40-Zr-89m1

MAT 4116

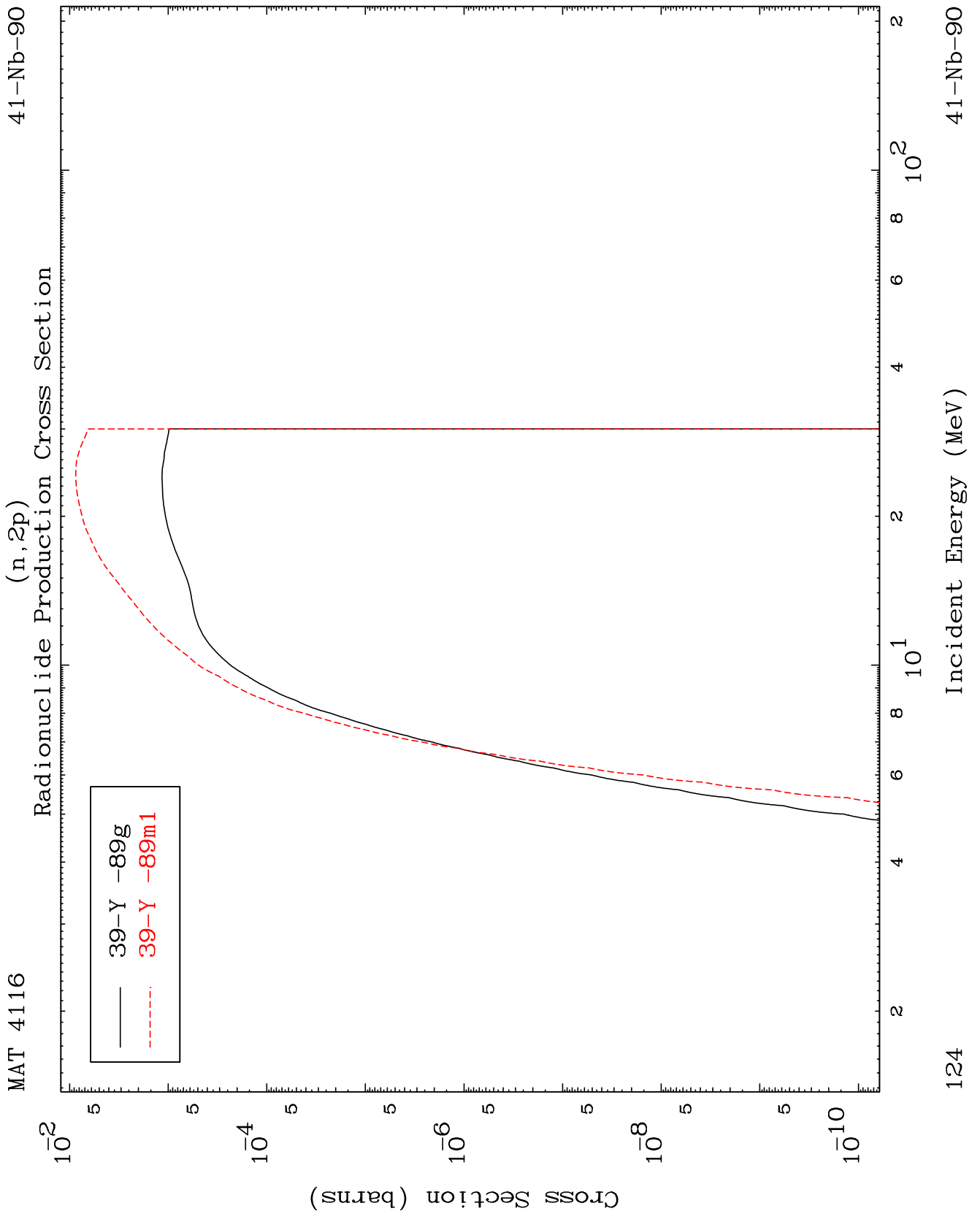
41-Nb-90

Radionuclide Production Cross Section  
(n,  $\alpha$ )



123

41-Nb-90

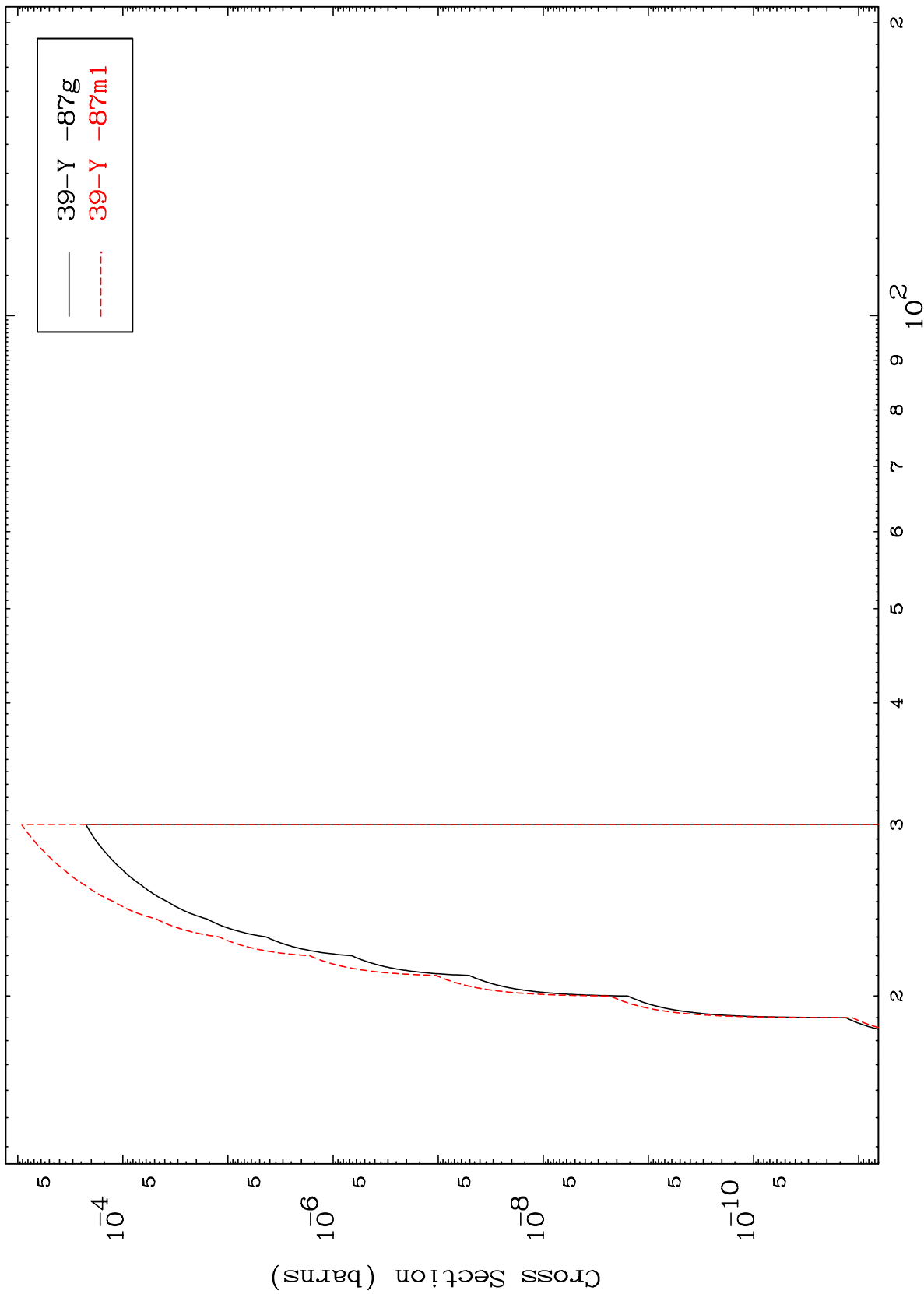


MAT 4116

(n,p) t

41-Nb-90

Radionuclide Production Cross Section



125

Incident Energy (MeV)

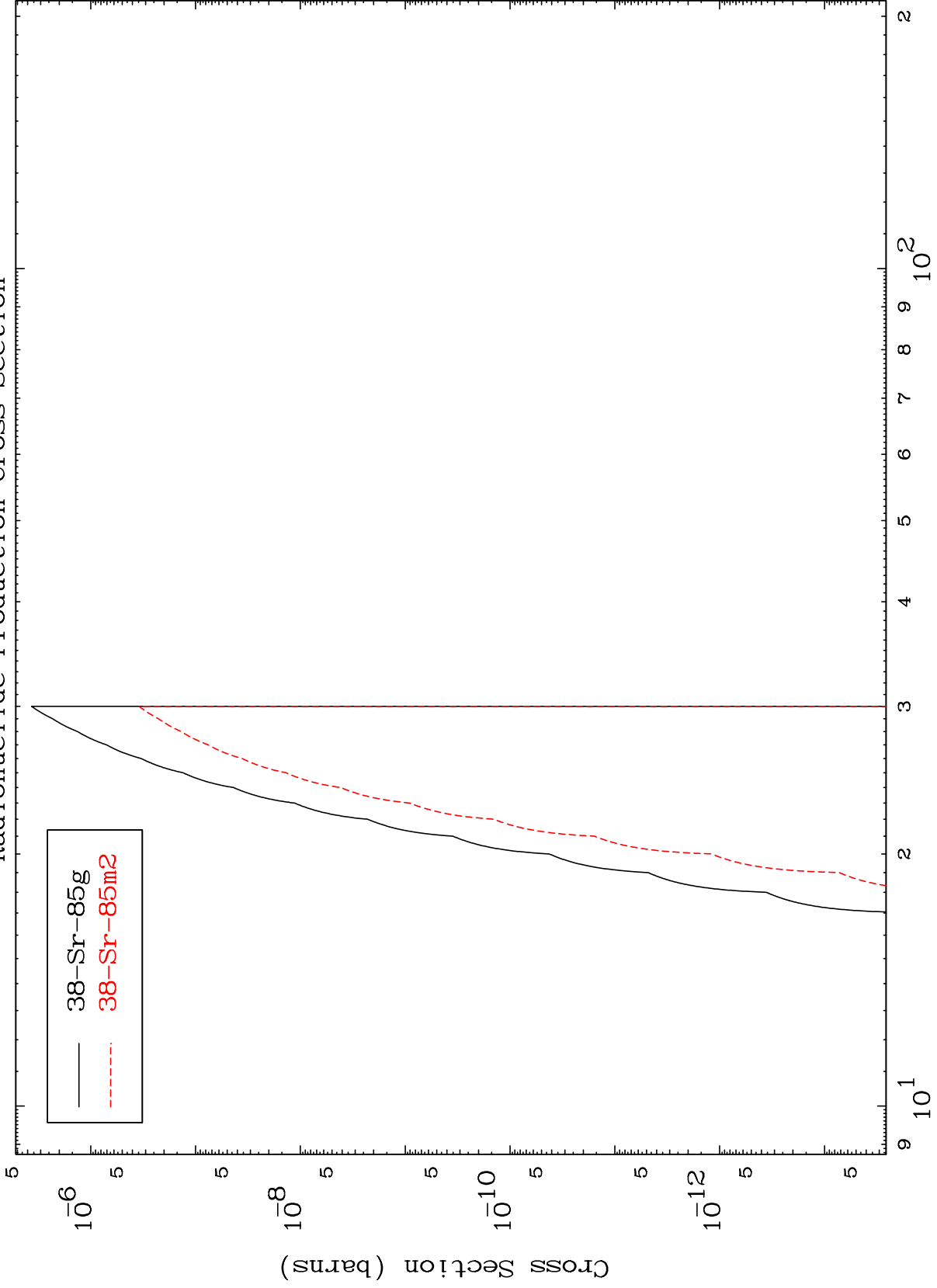
41-Nb-90

MAT 4116

(n,d)  $\alpha$

41-Nb-90

Radionuclide Production Cross Section



126

Incident Energy (MeV)

41-Nb-90