

Program EVALPLOT
(Version 2017-1)

by

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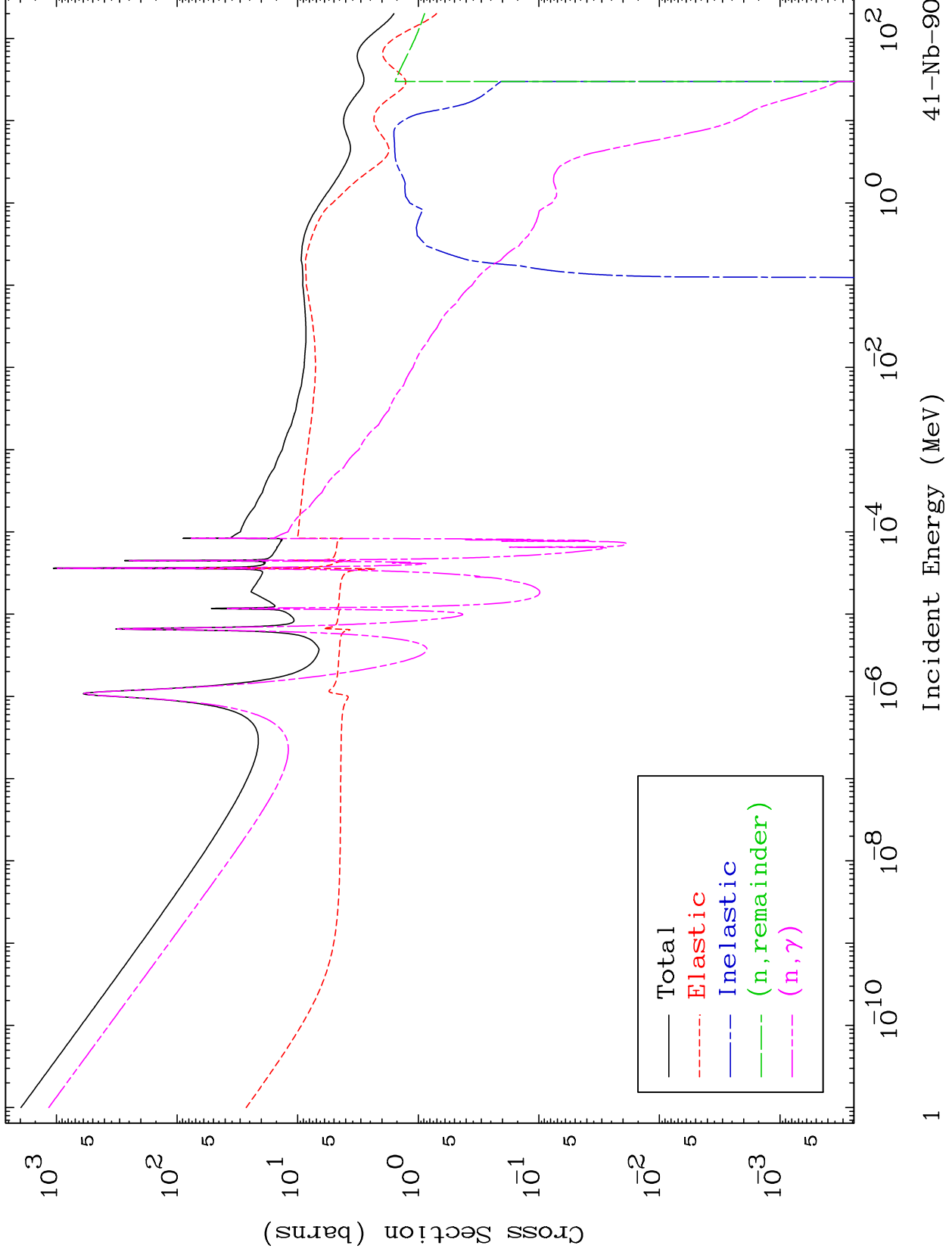
Press Mouse Button to Start

MAT 4116

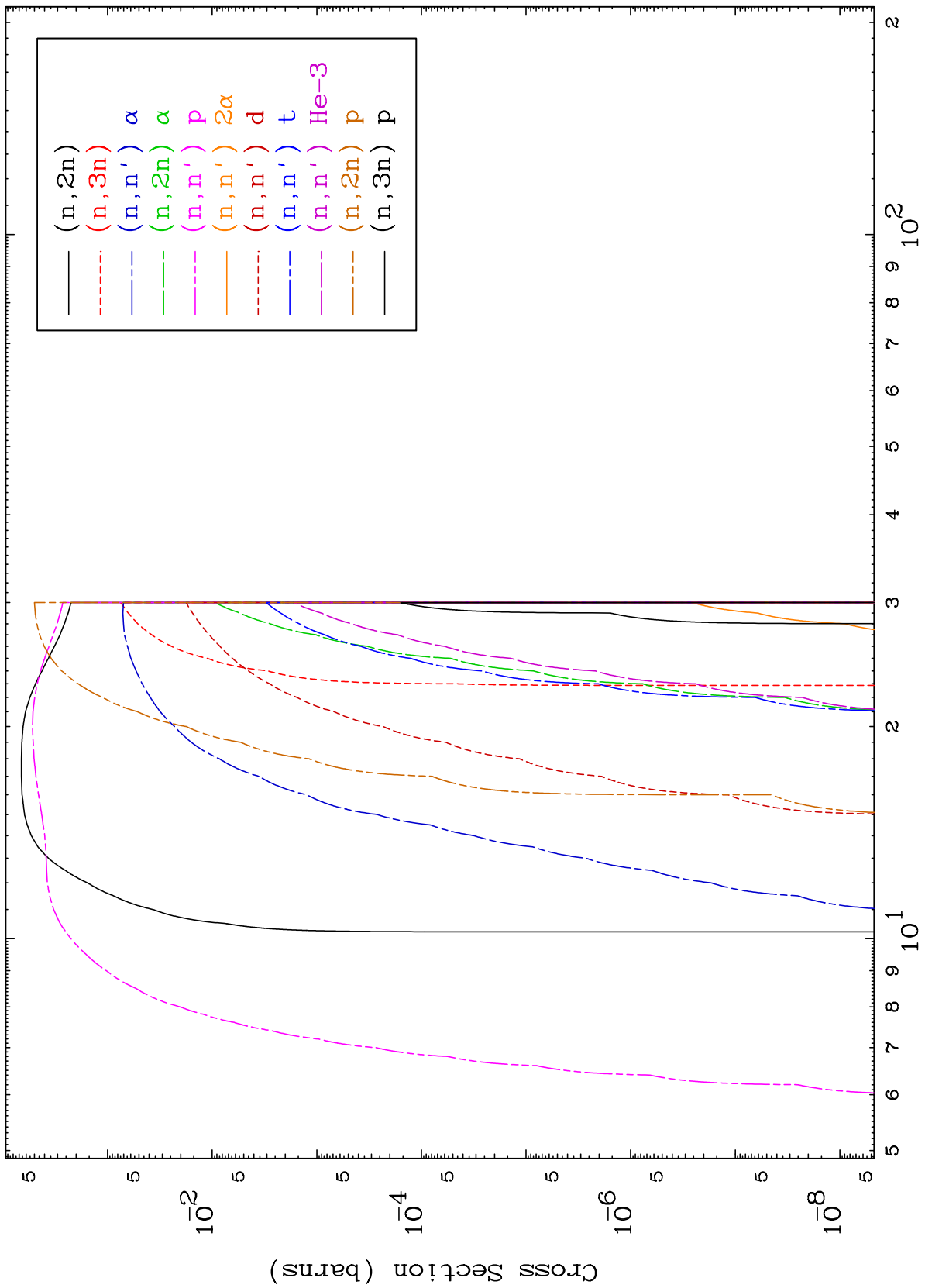
Major

293 Kelvin Cross Sections

41-Nb-90



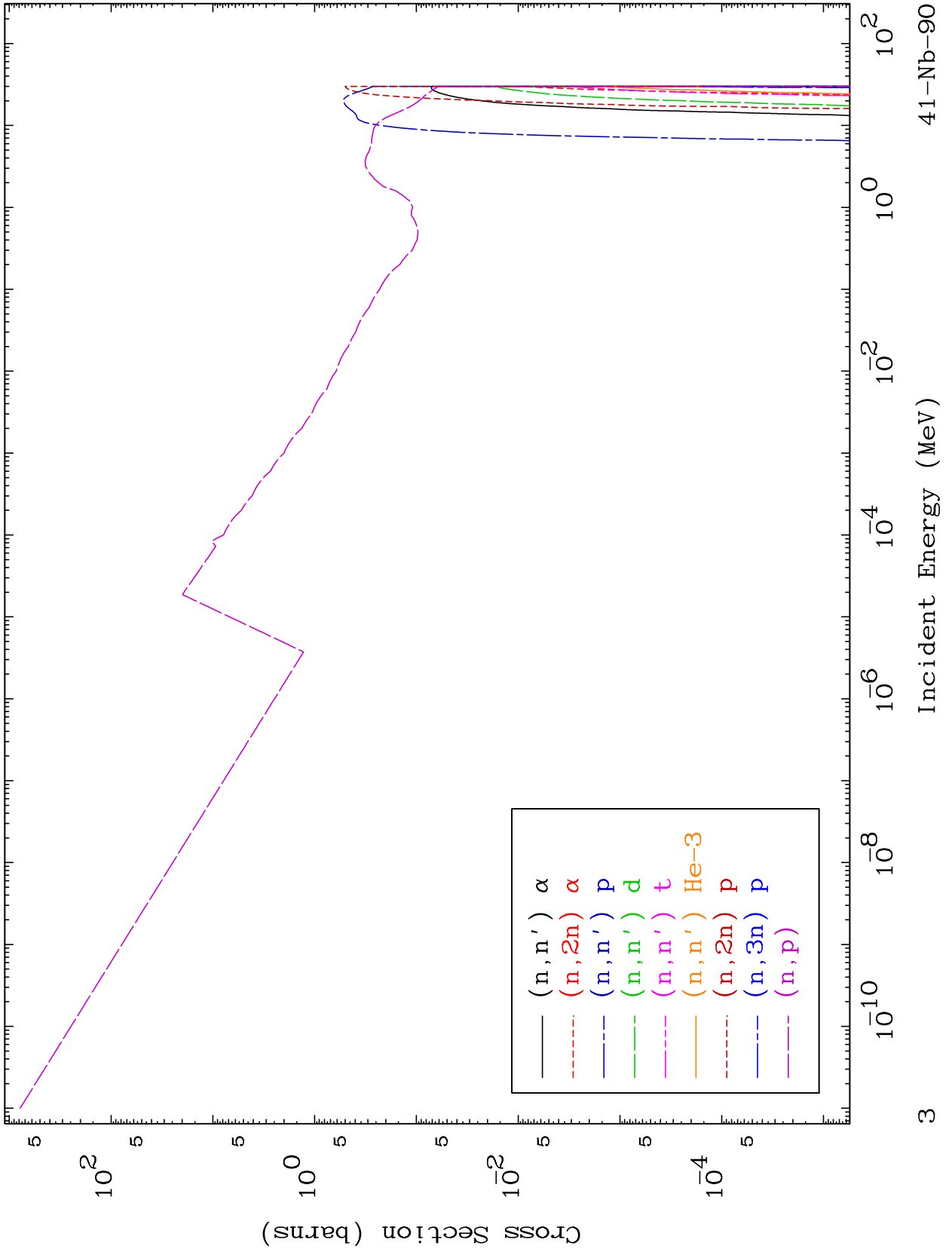
Neutron Production
293 Kelvin Cross Sections



MAT 4116

Charged Particle
293 Kelvin Cross Sections

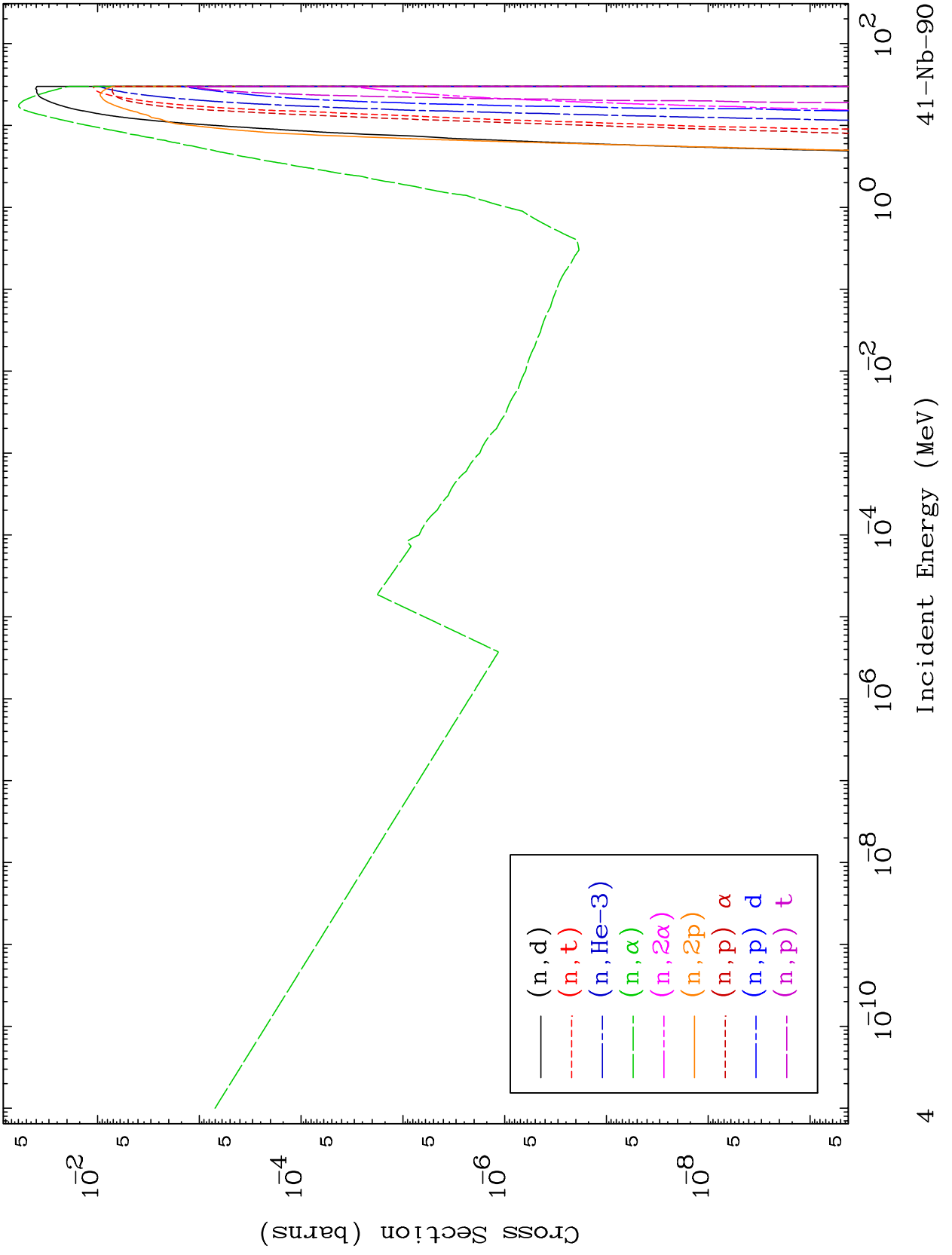
41-Nb-90



MAT 4116

Charged Particle
293 Kelvin Cross Sections

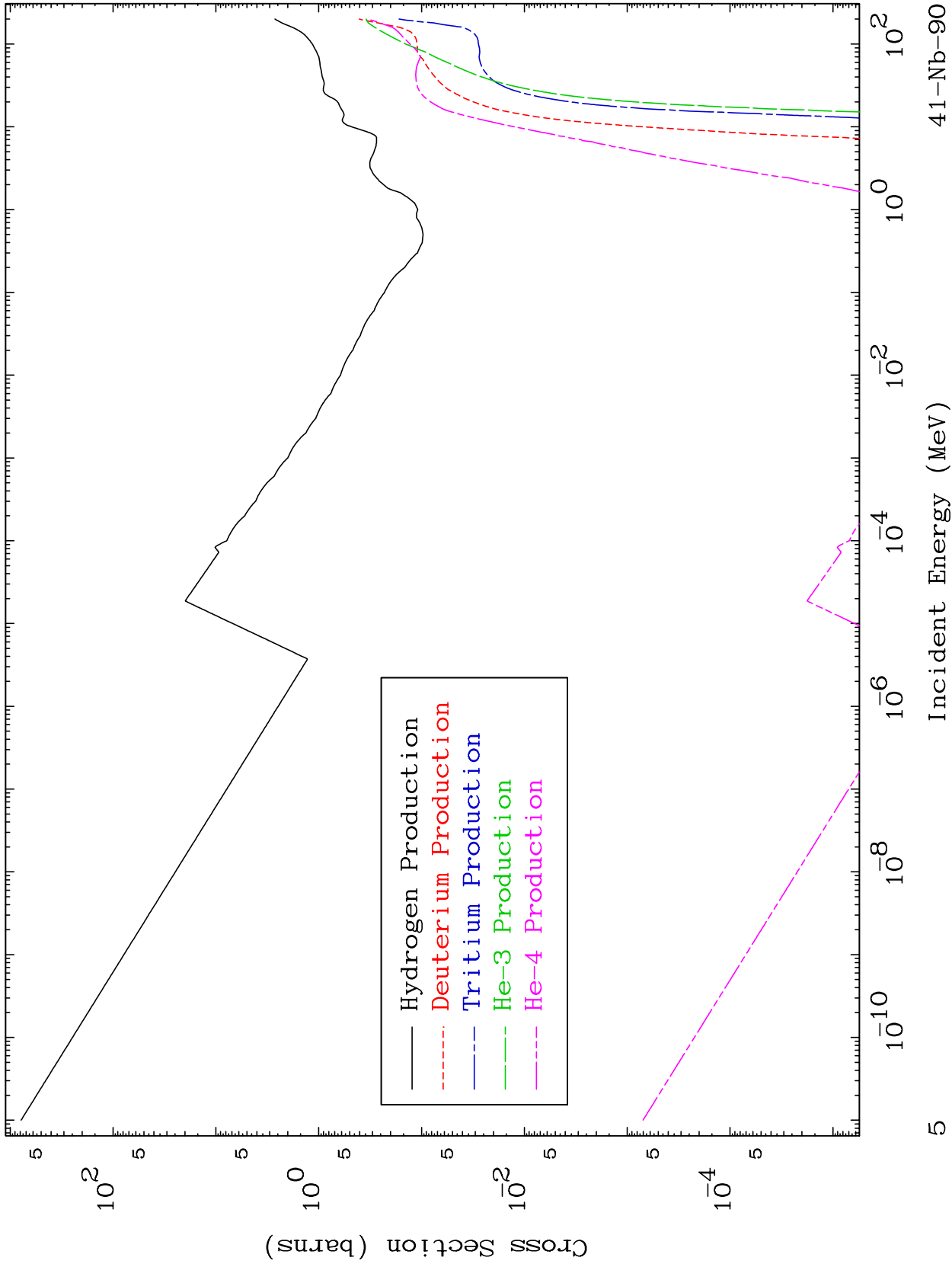
41-Nb-90



MAT 4116

Particle Production
293 Kelvin Cross Sections

41-Nb-90

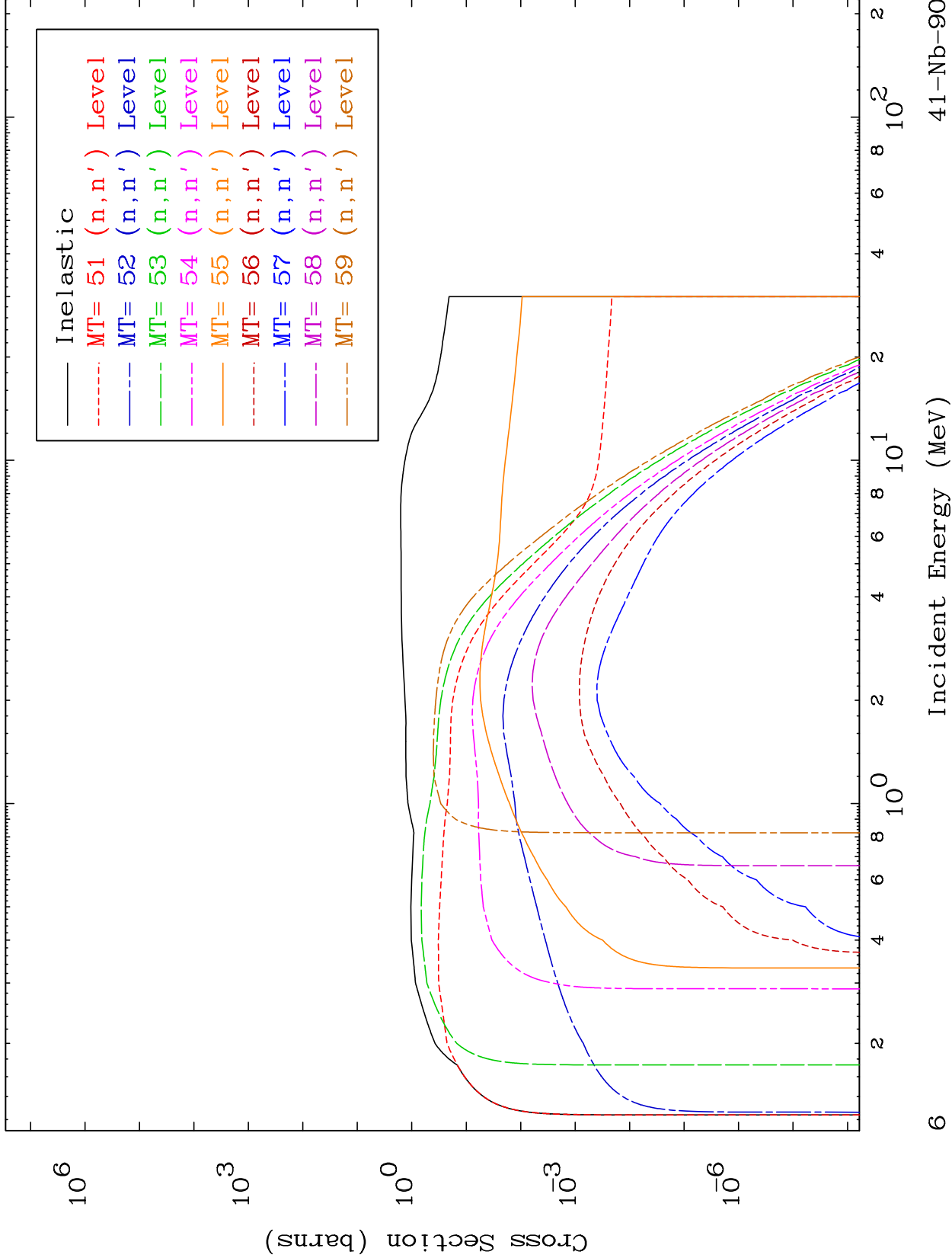


MAT 4116

(n,n') Level

41-Nb-90

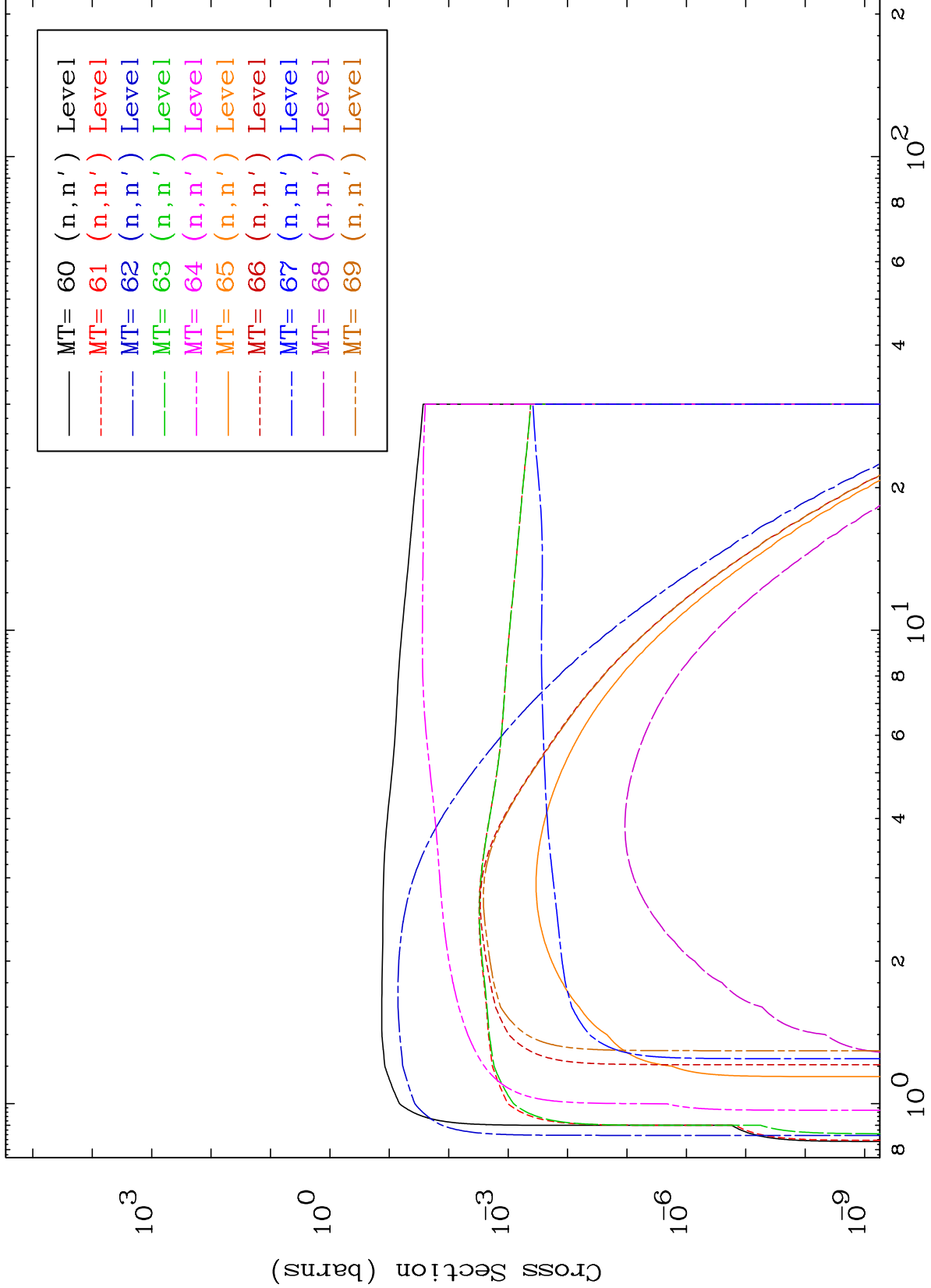
293 Kelvin Cross Sections



MAT 41116

(n,n') Level
293 Kelvin Cross Sections

41-Nb-90



Incident Energy (MeV)

41-Nb-90

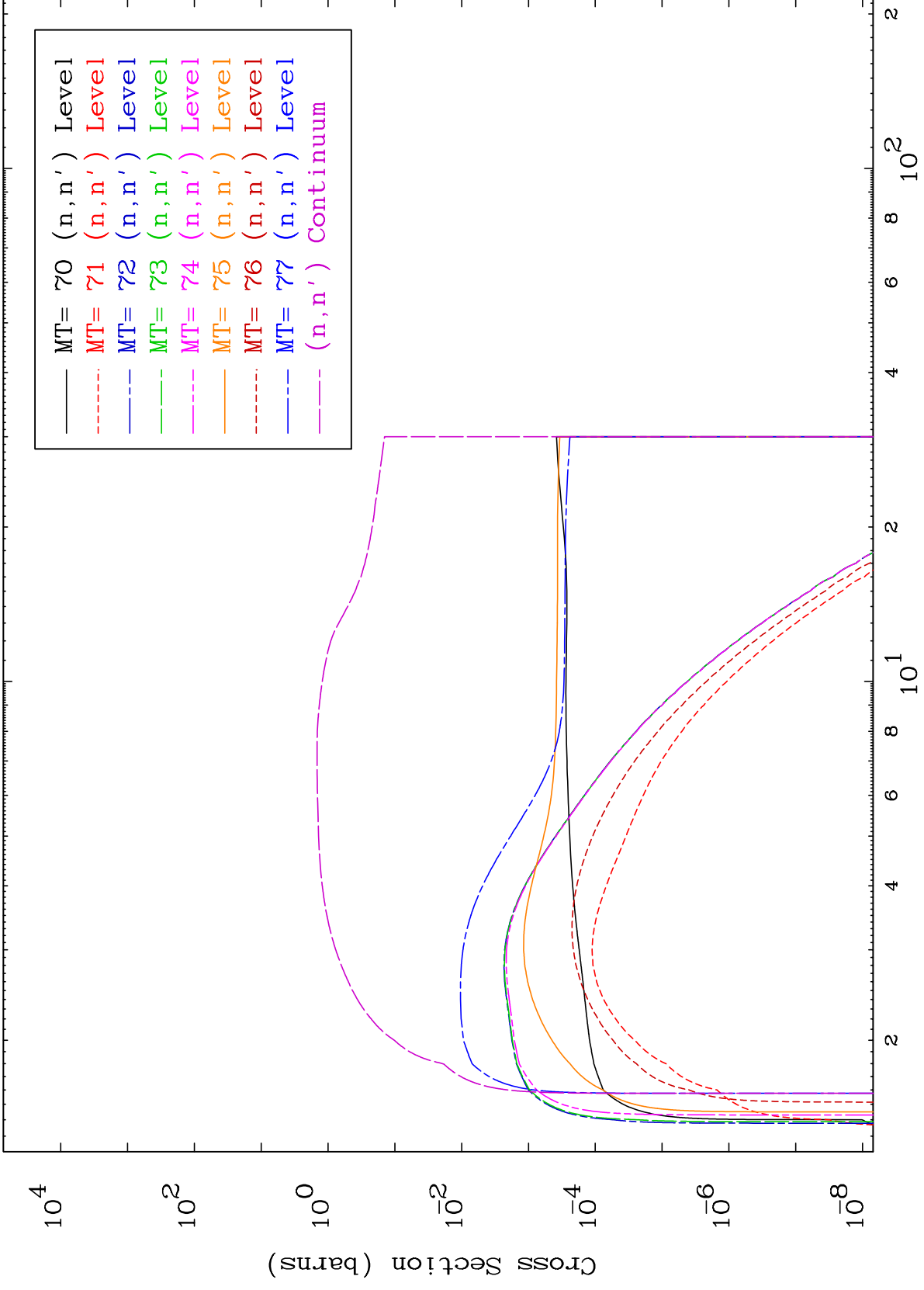
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MAT 4116

(n,n') Level

41-Nb-90

293 Kelvin Cross Sections



8

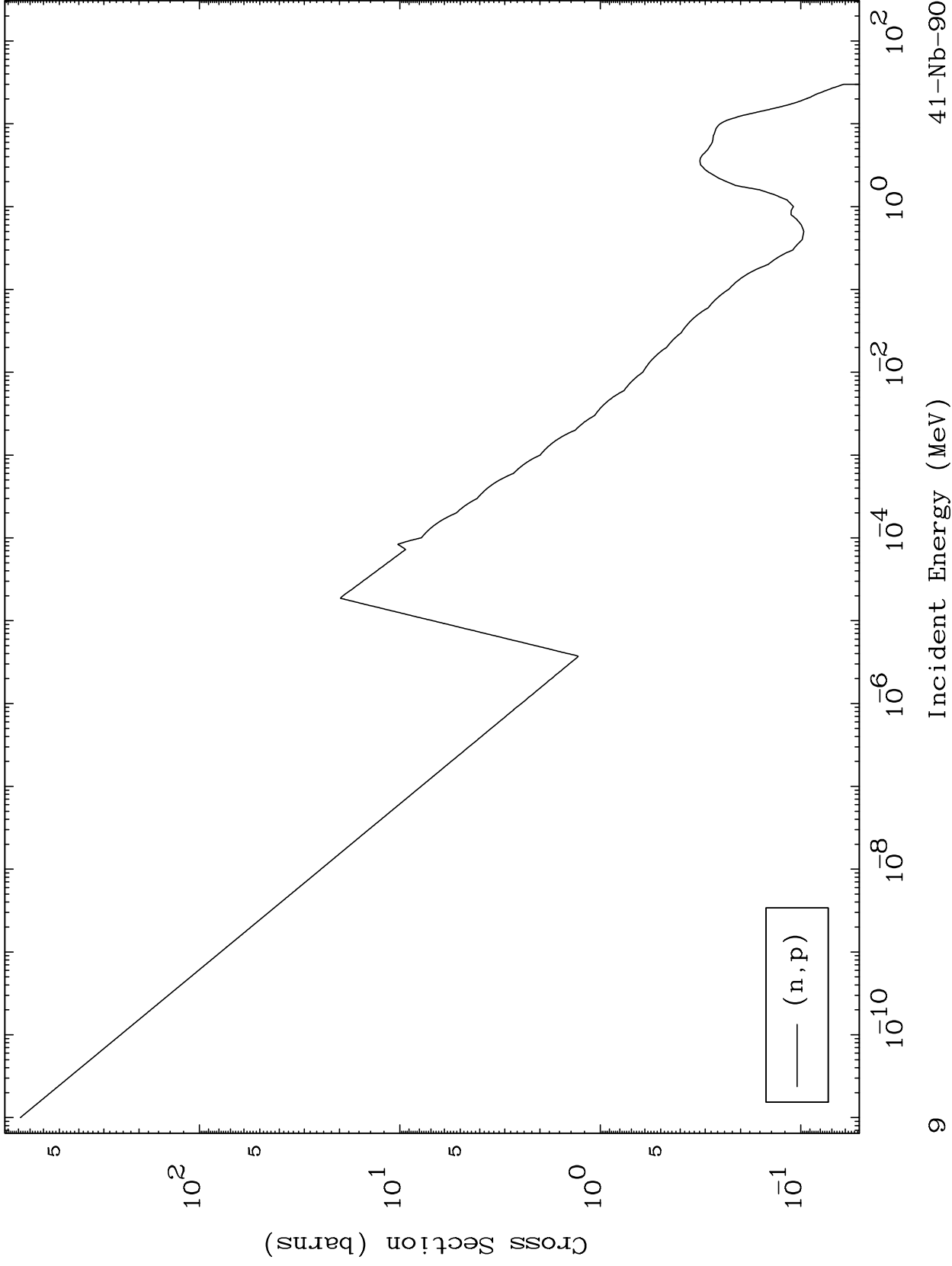
Incident Energy (MeV)

41-Nb-90

MAT 4116

(n,p) Levels
293 Kelvin Cross Sections

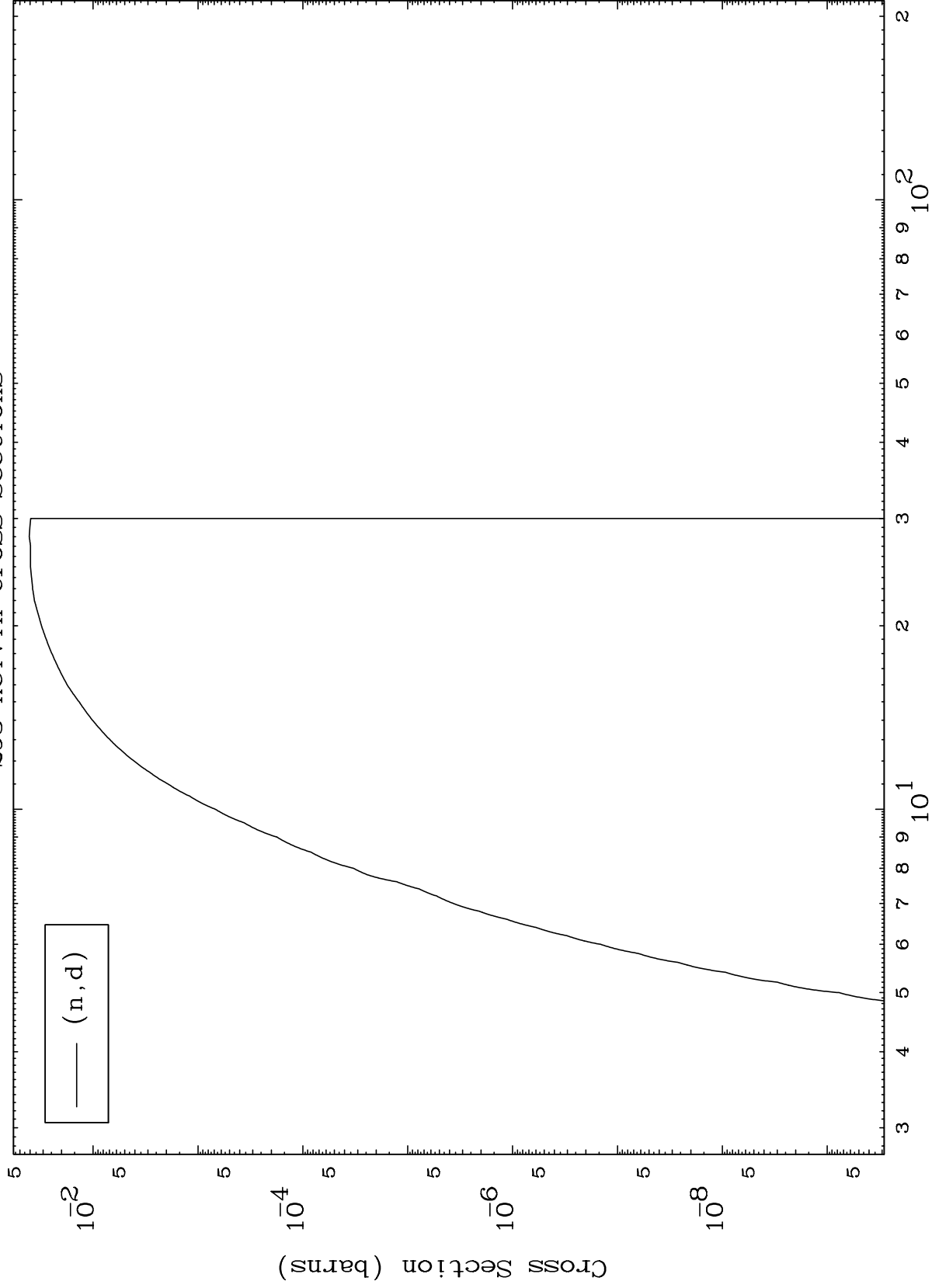
41-Nb-90



MAT 41116

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-90



(n,d)

Incident Energy (MeV)

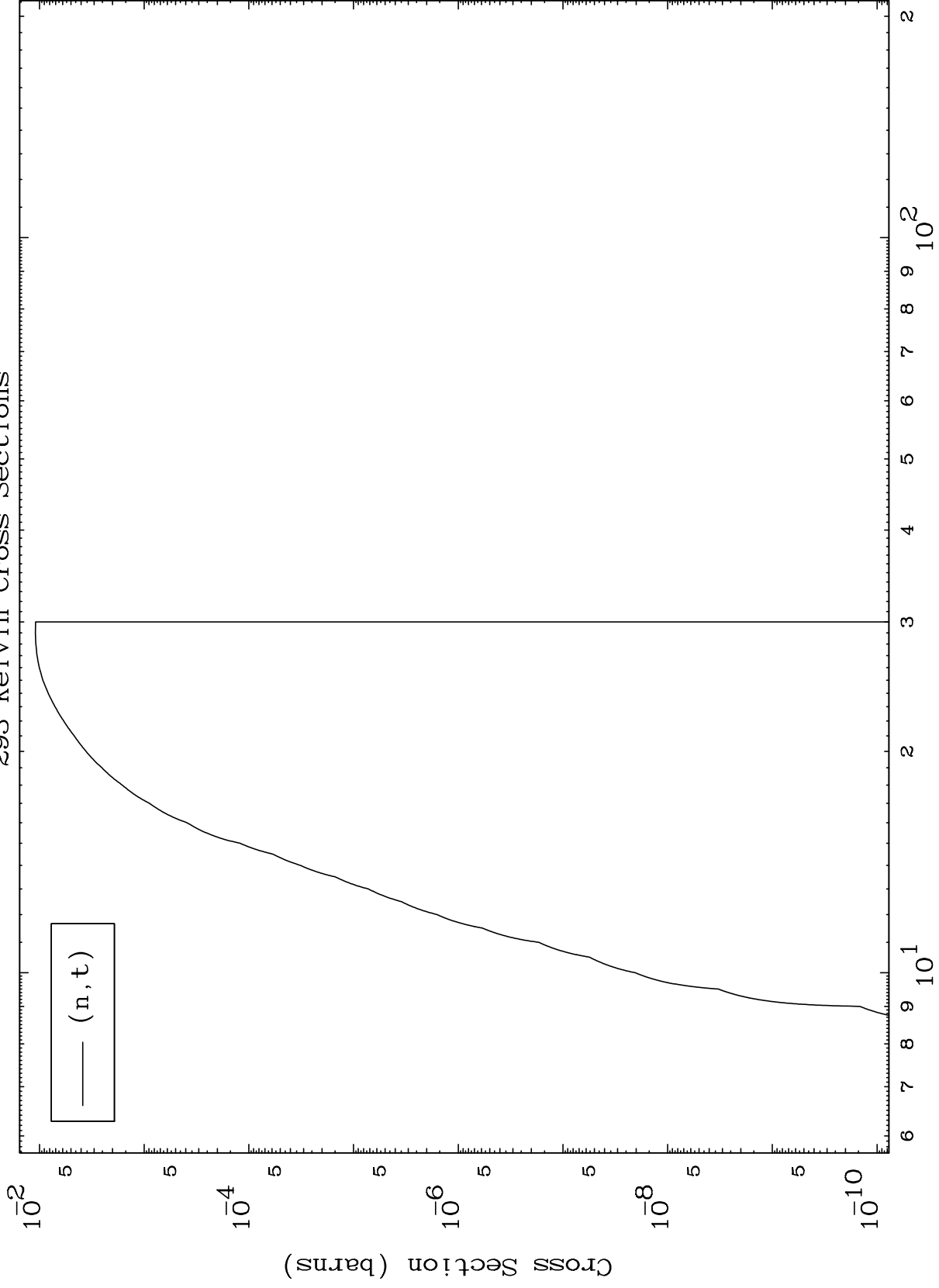
41-Nb-90

10

MAT 4116

(n,t) Levels
293 Kelvin Cross Sections

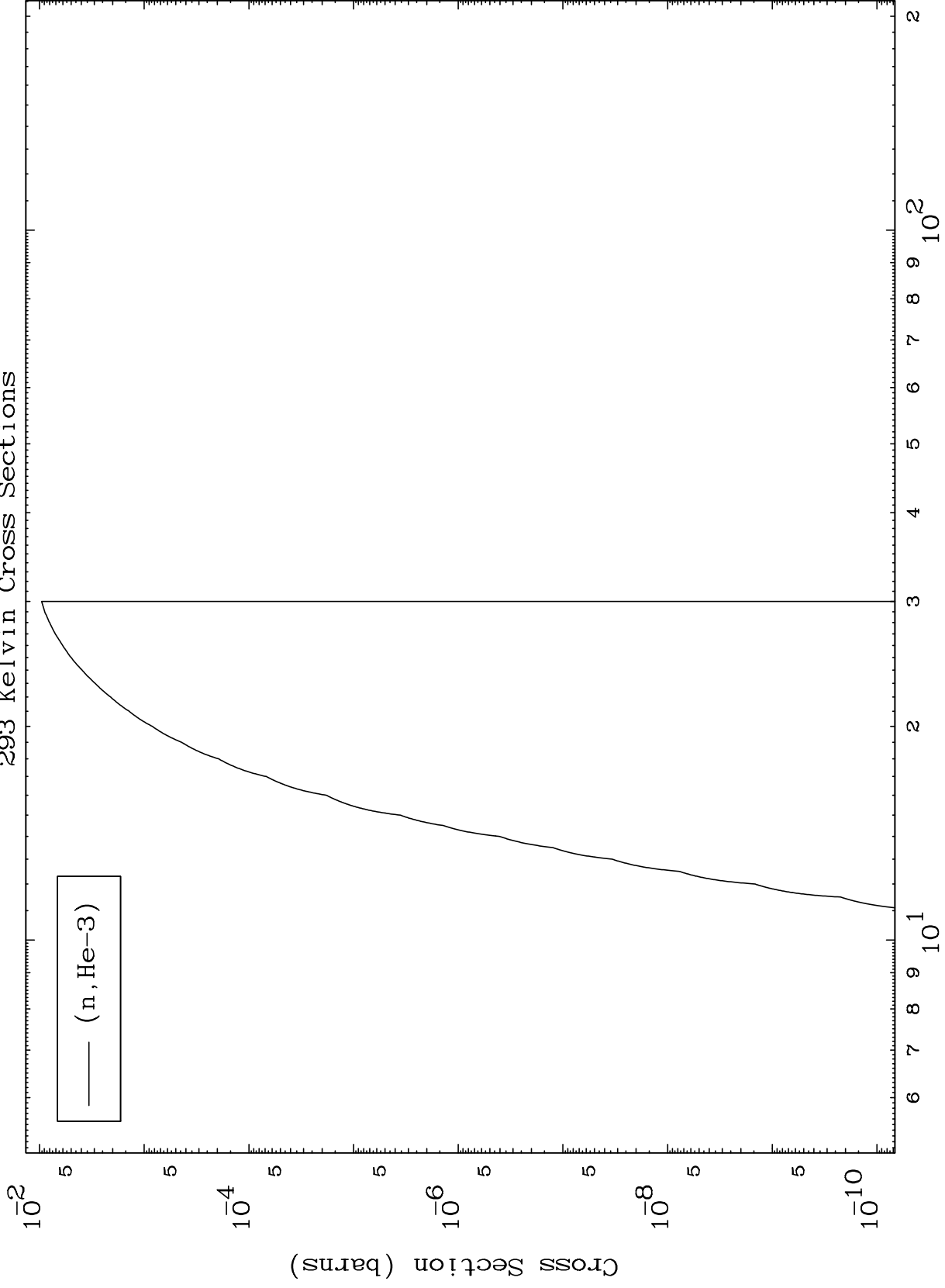
41-Nb-90



MAT 4116

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-90



12

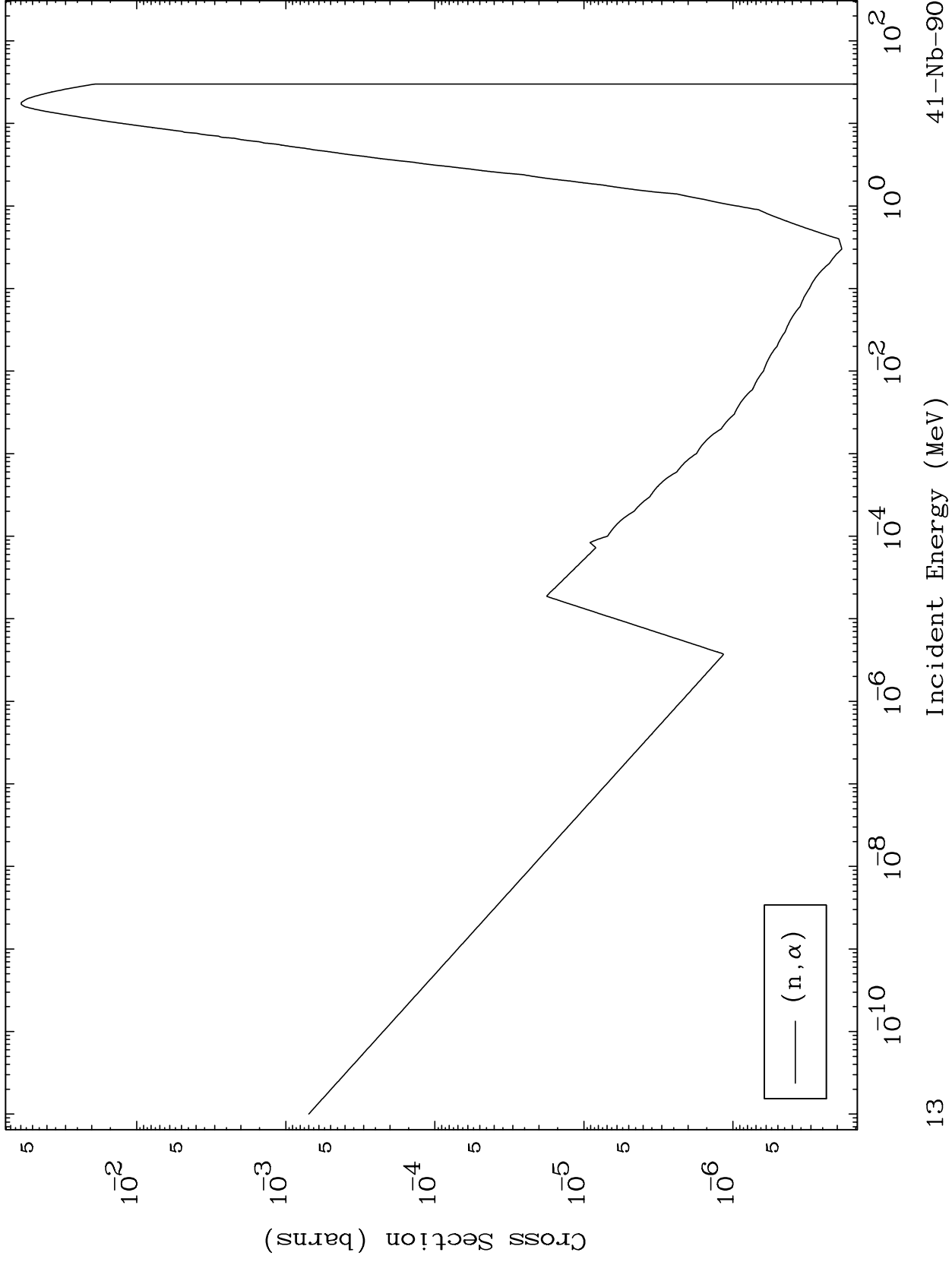
Incident Energy (MeV)

41-Nb-90

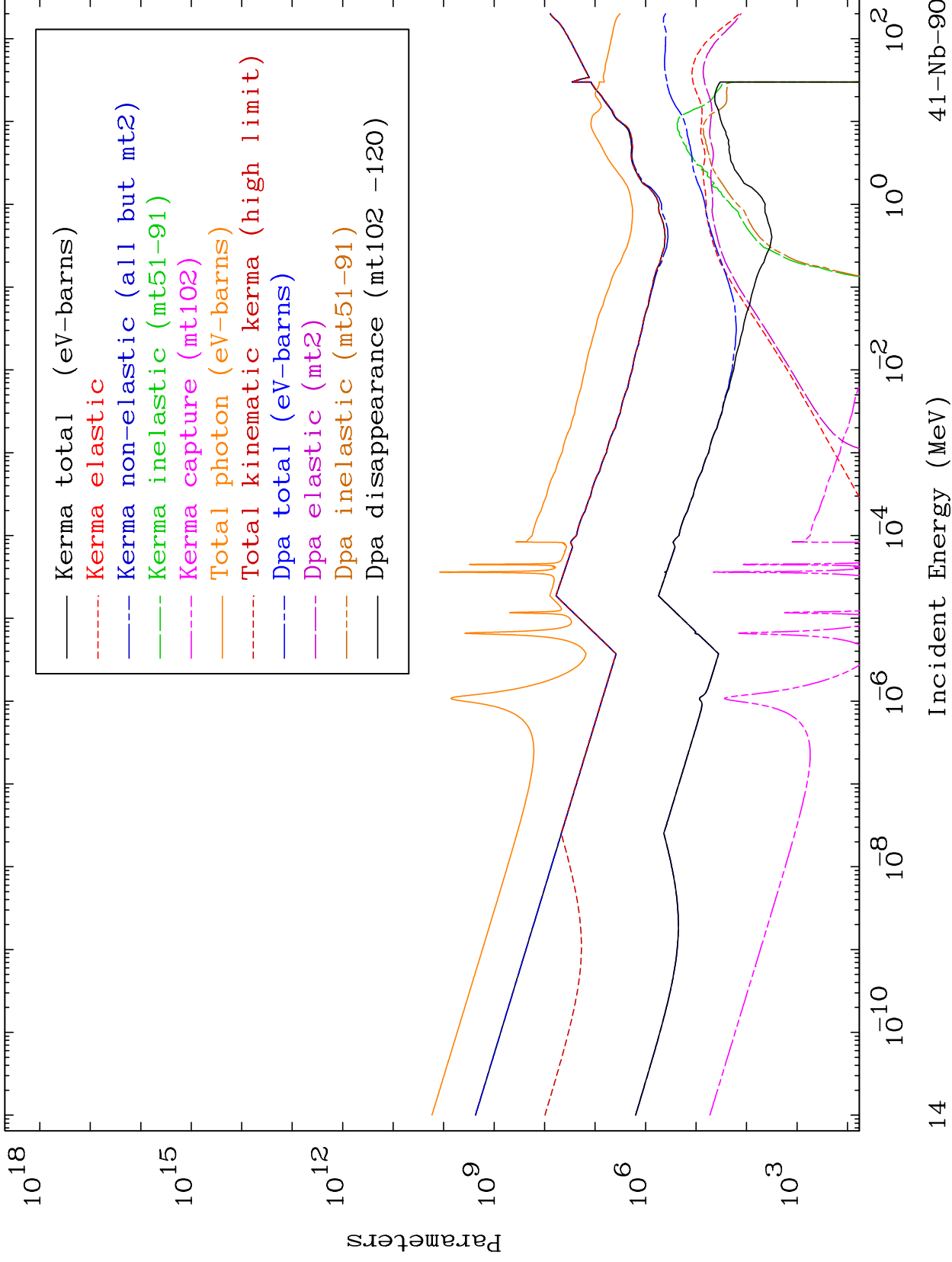
MAT 4116

(n,α) Levels
293 Kelvin Cross Sections

41-Nb-90



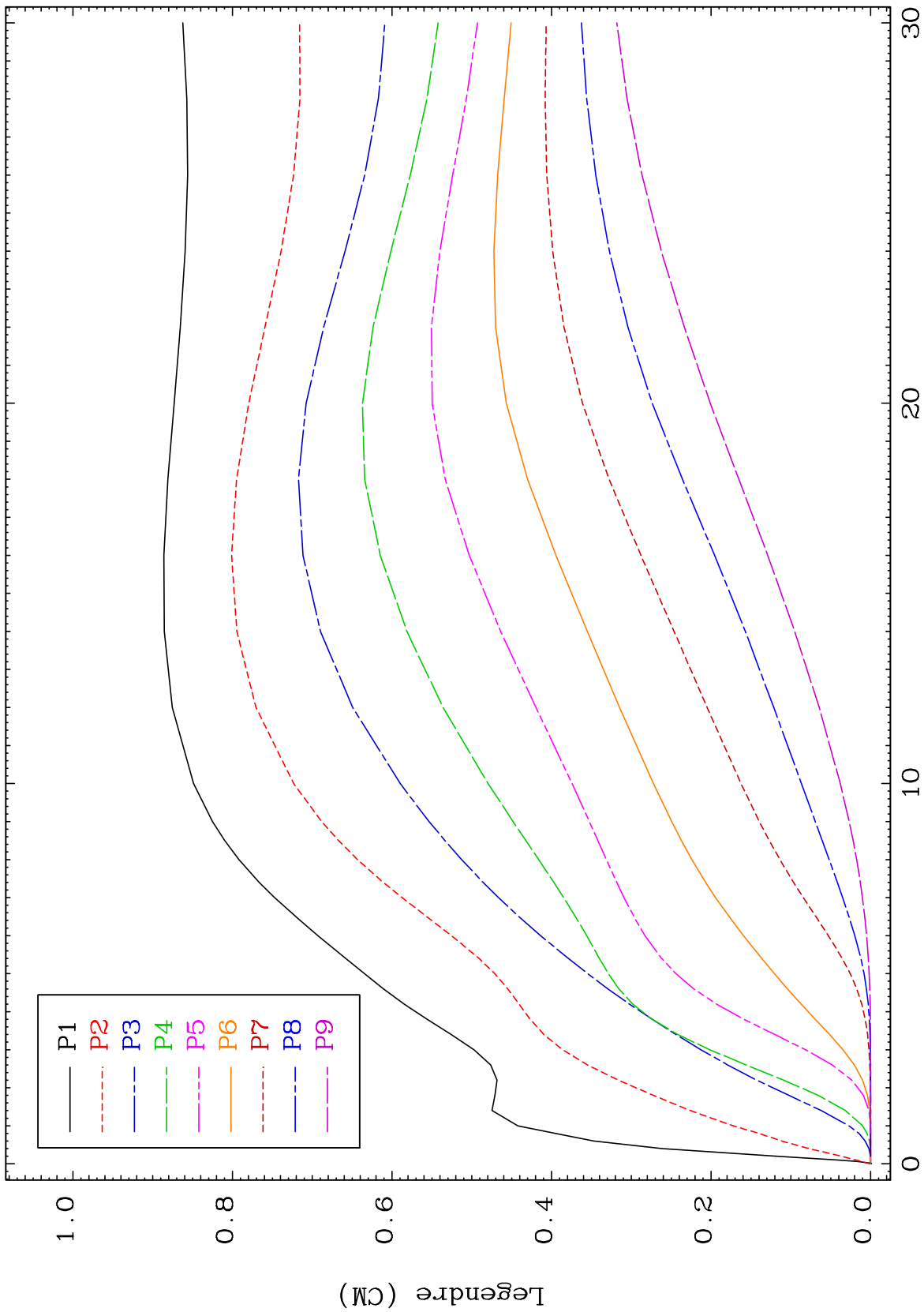
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MAT 4116

Elastic Legendre Coefficients

41-Nb-90

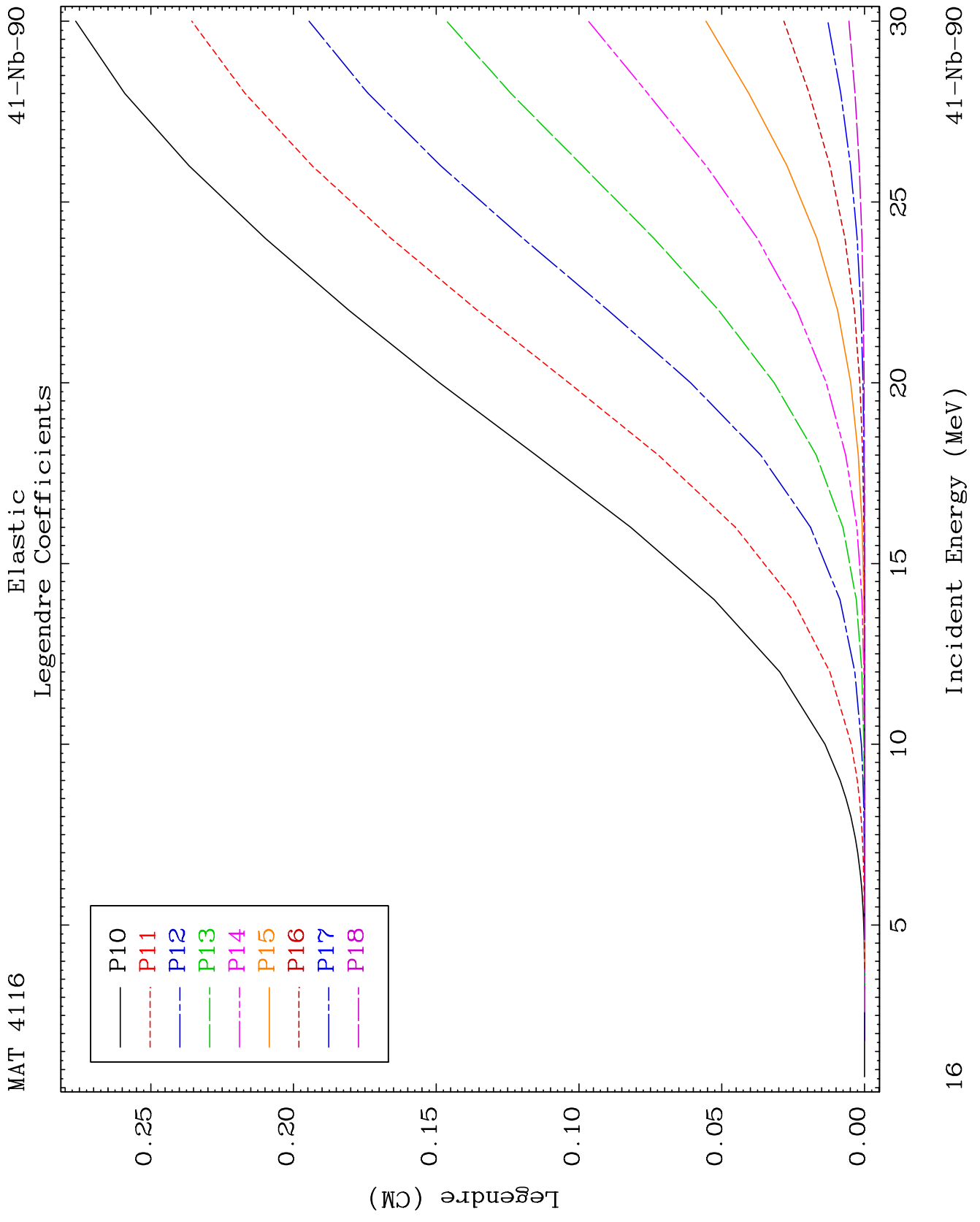


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Incident Energy (MeV)

41-Nb-90

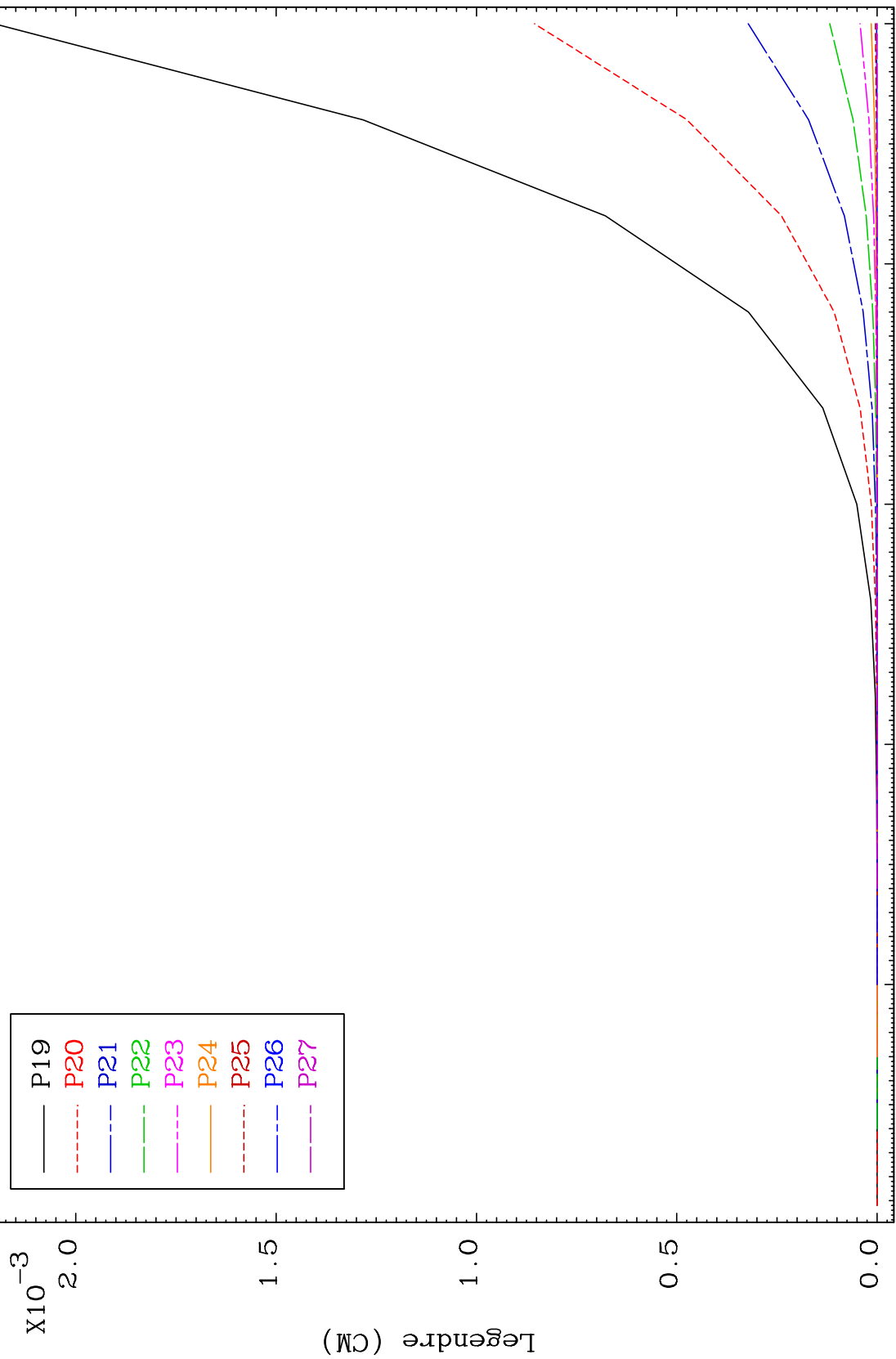
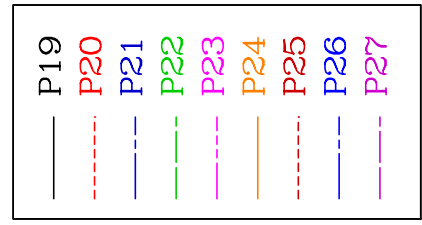
Legendre (CM)



MAT 4116

Elastic Legendre Coefficients

41-Nb-90



17

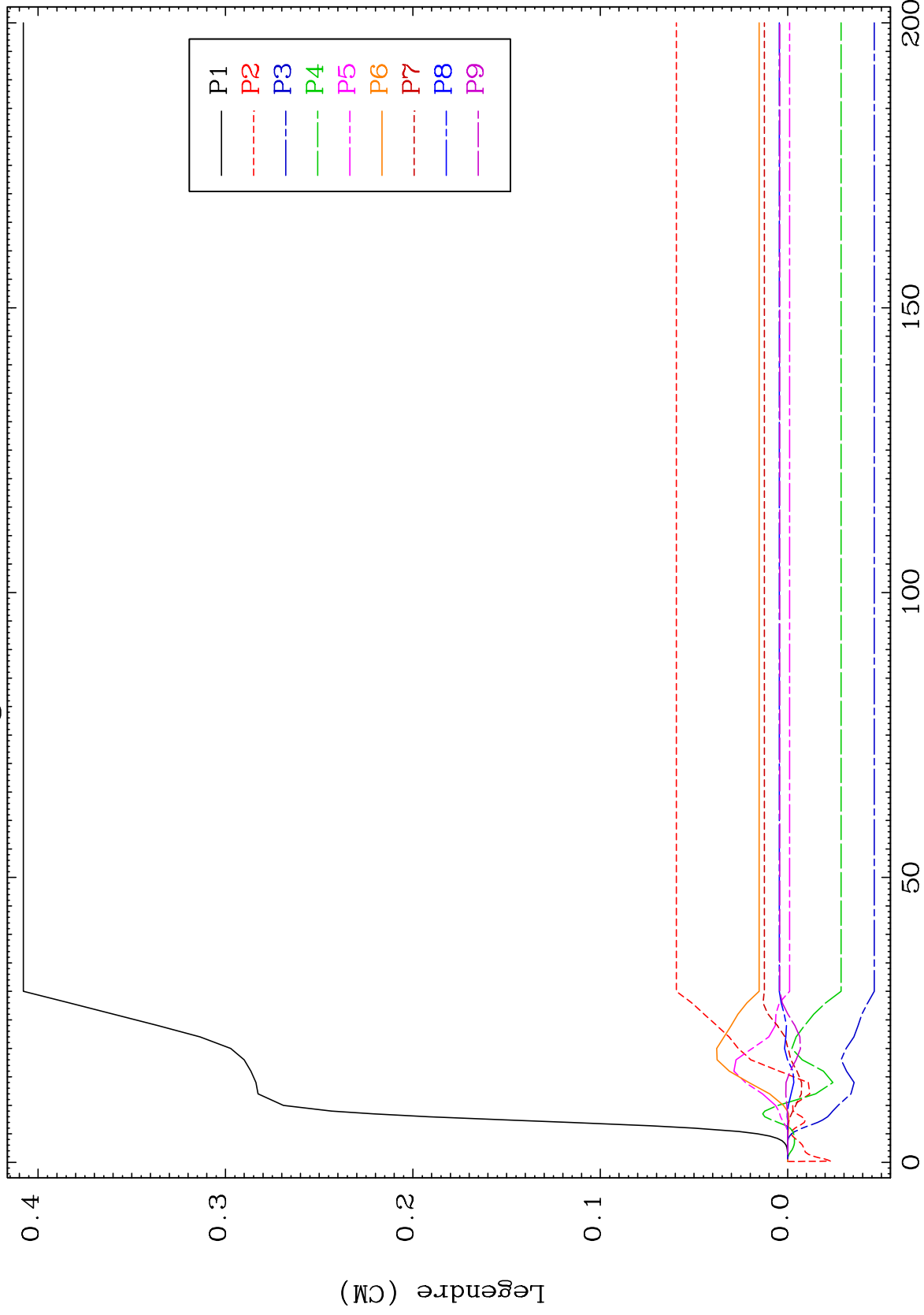
Incident Energy (MeV)

41-Nb-90

MAT 4116

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

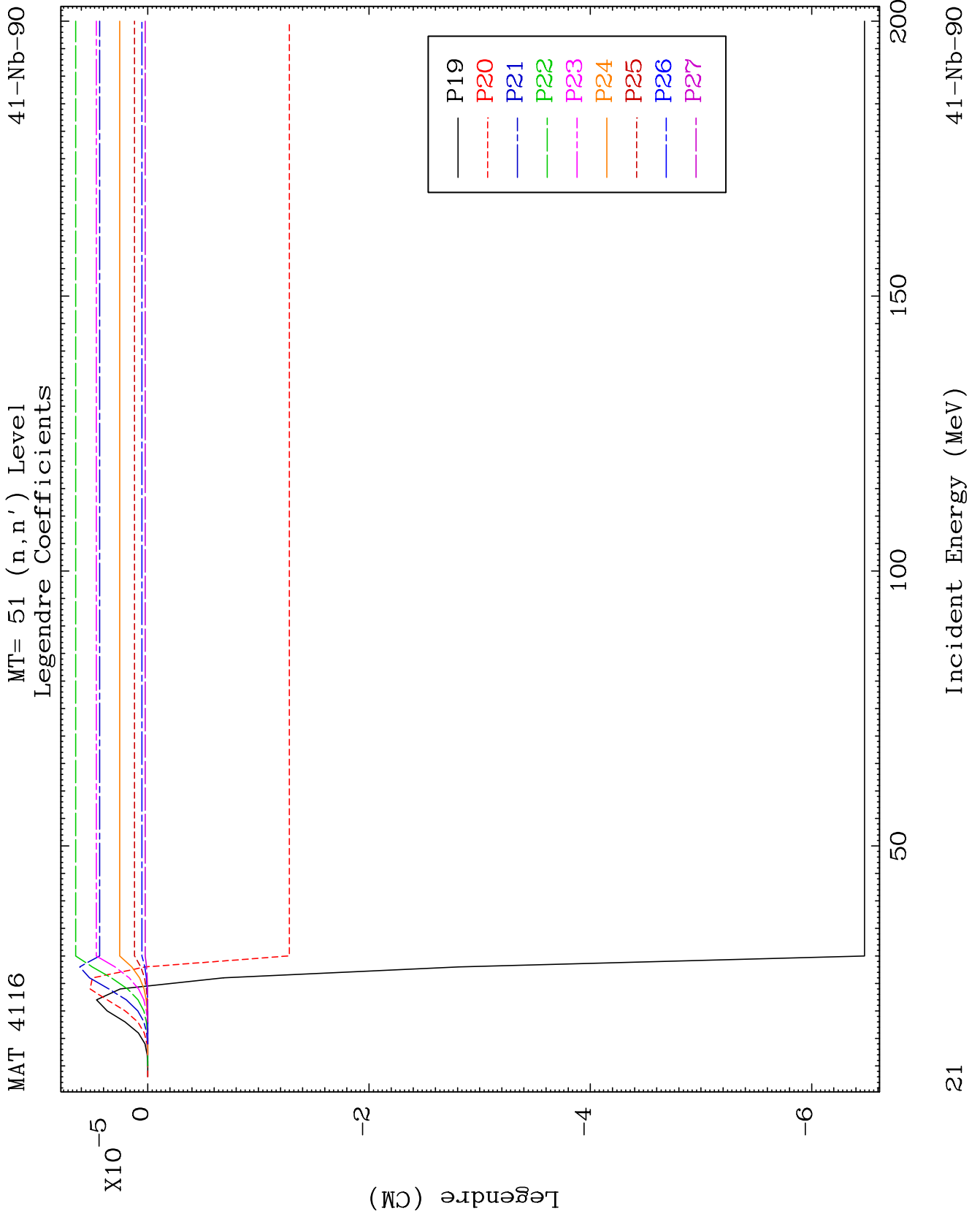
41-Nb-90



19

Incident Energy (MeV)

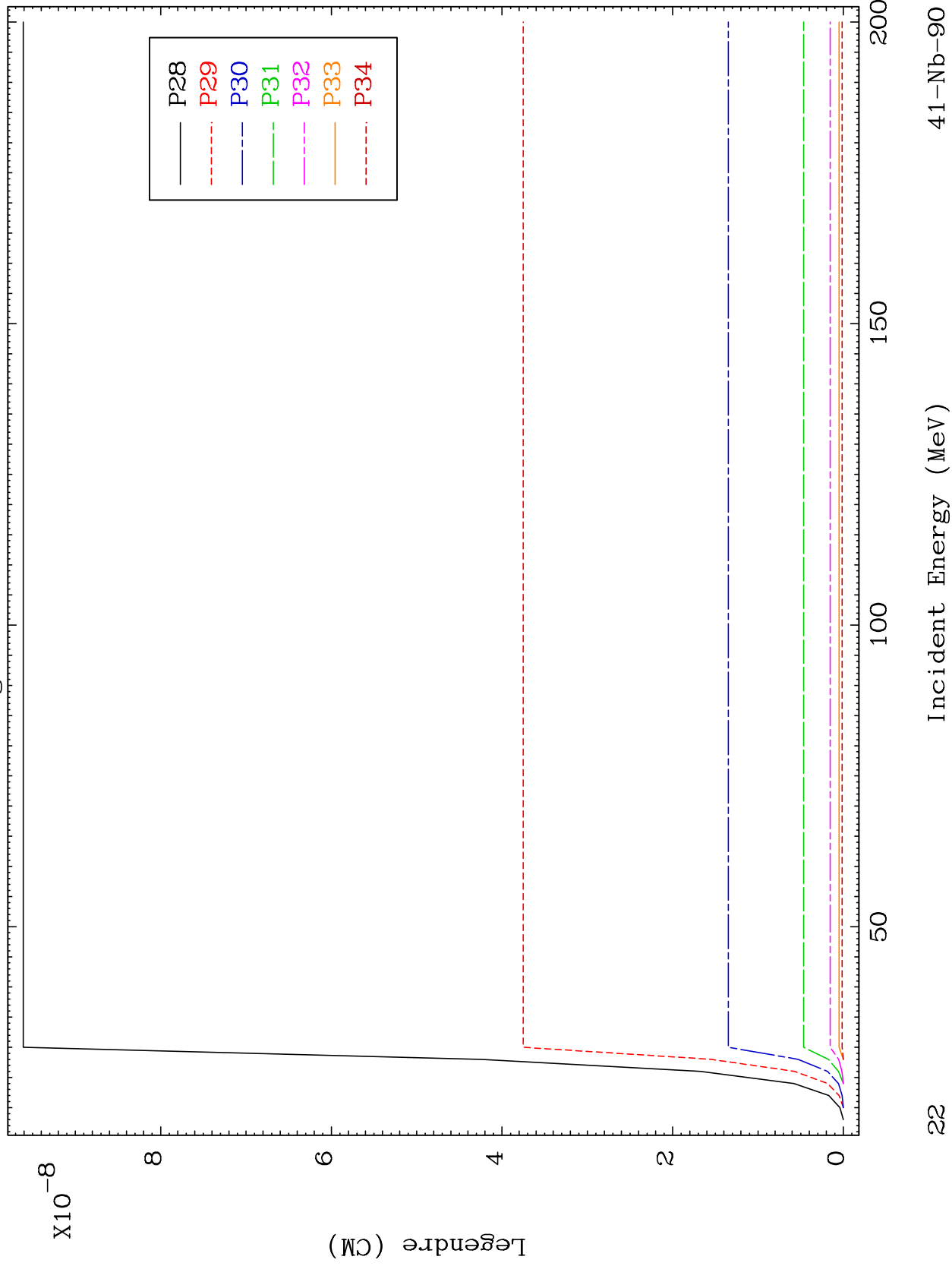
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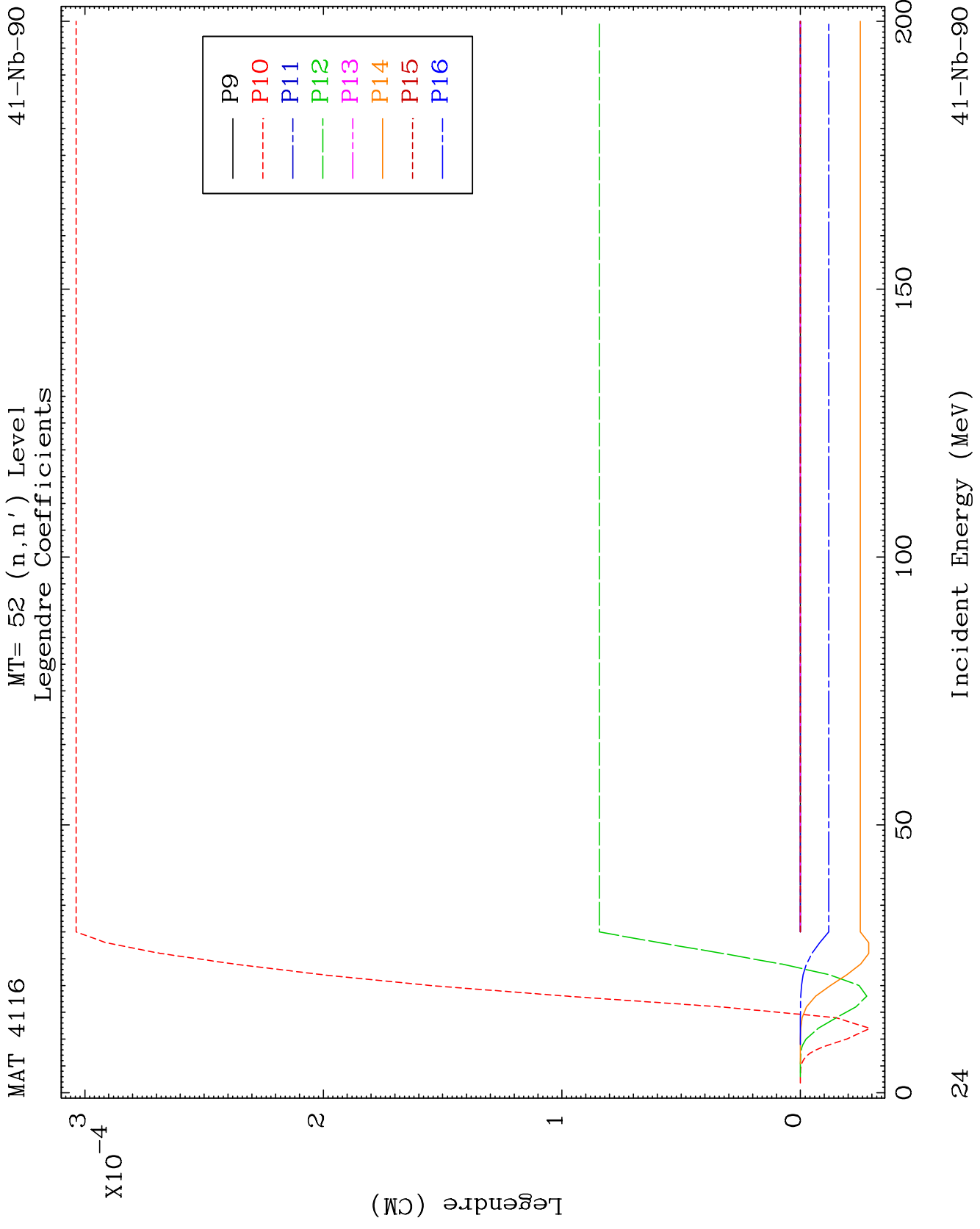
MAT 4116

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

41-Nb-90



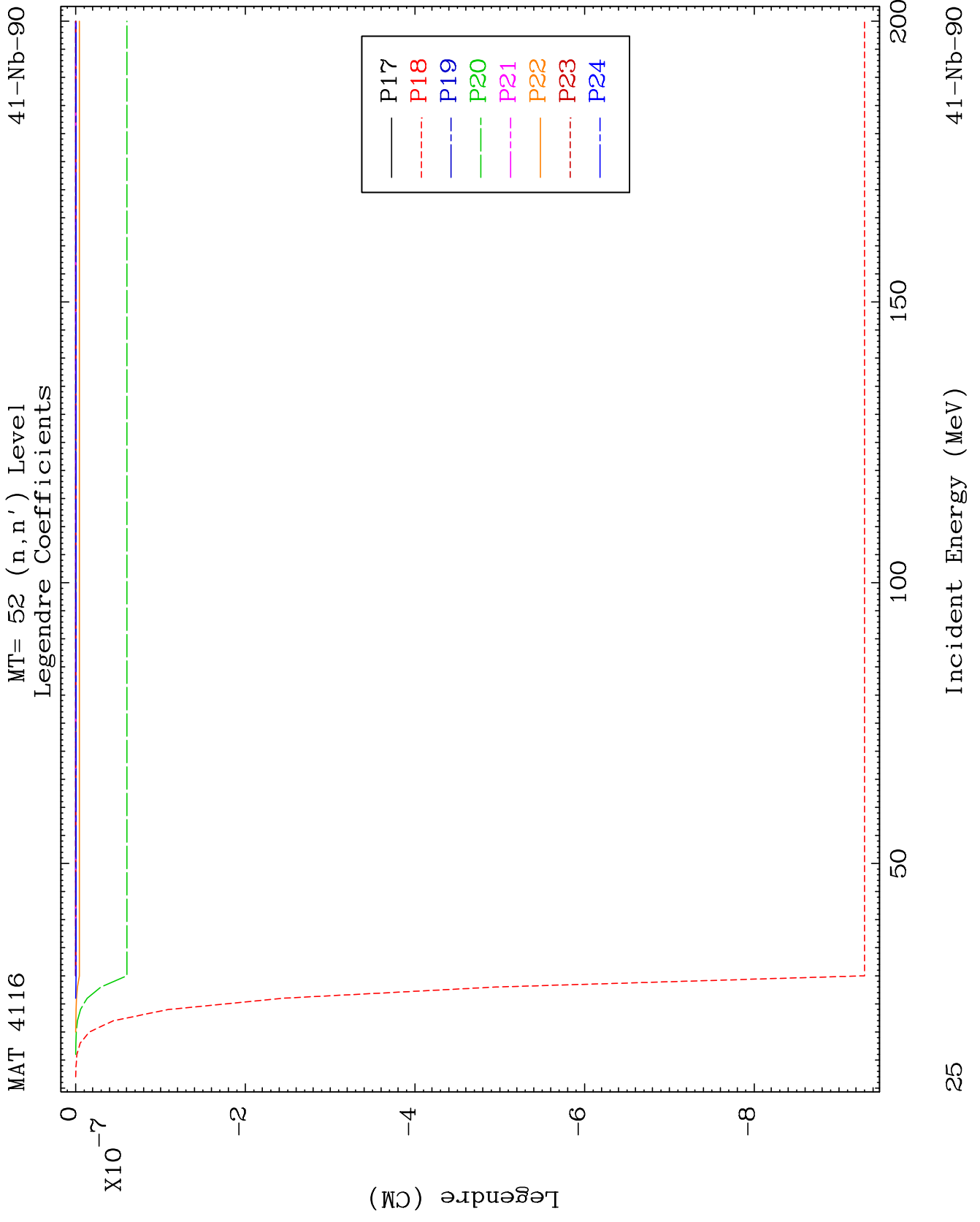
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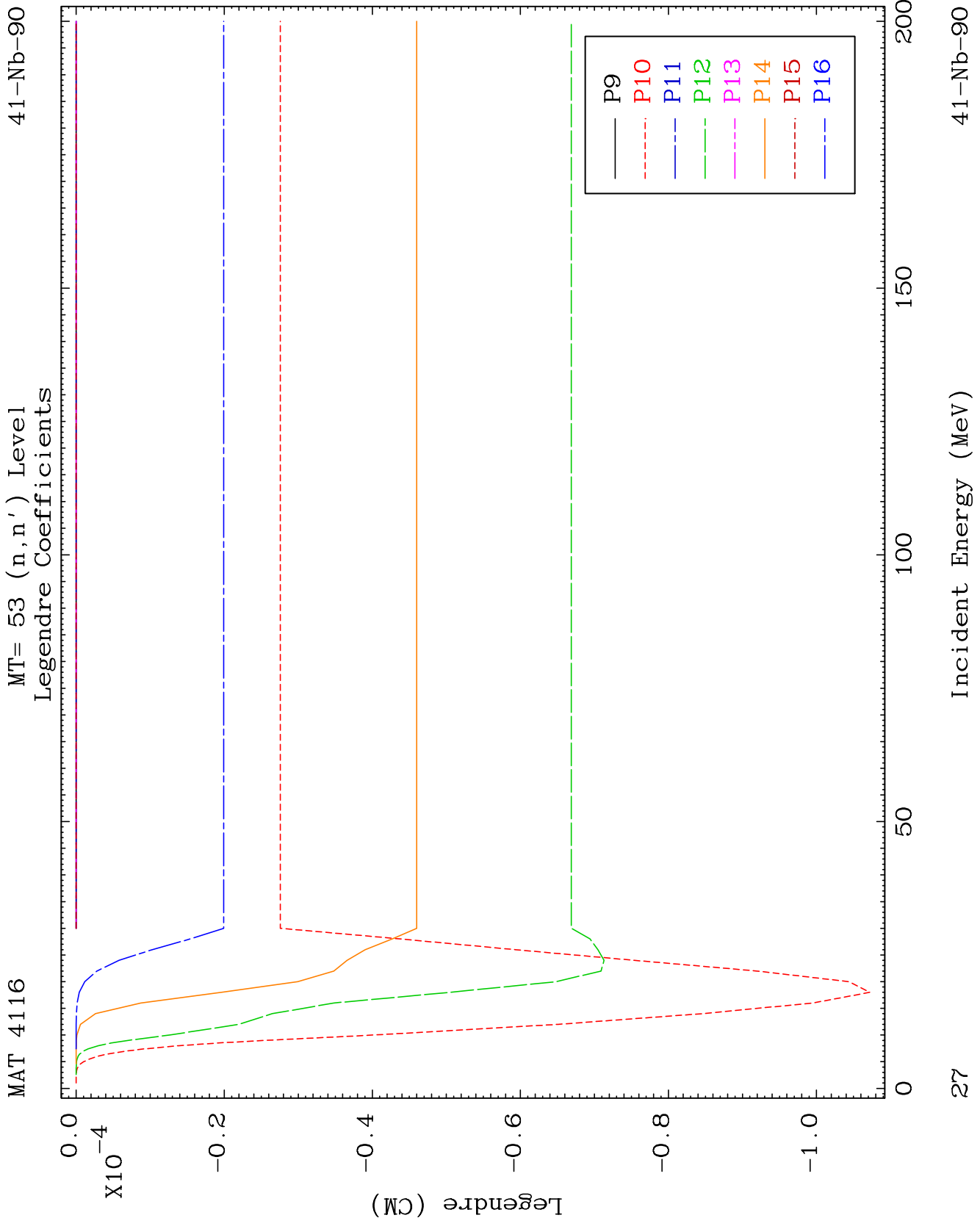


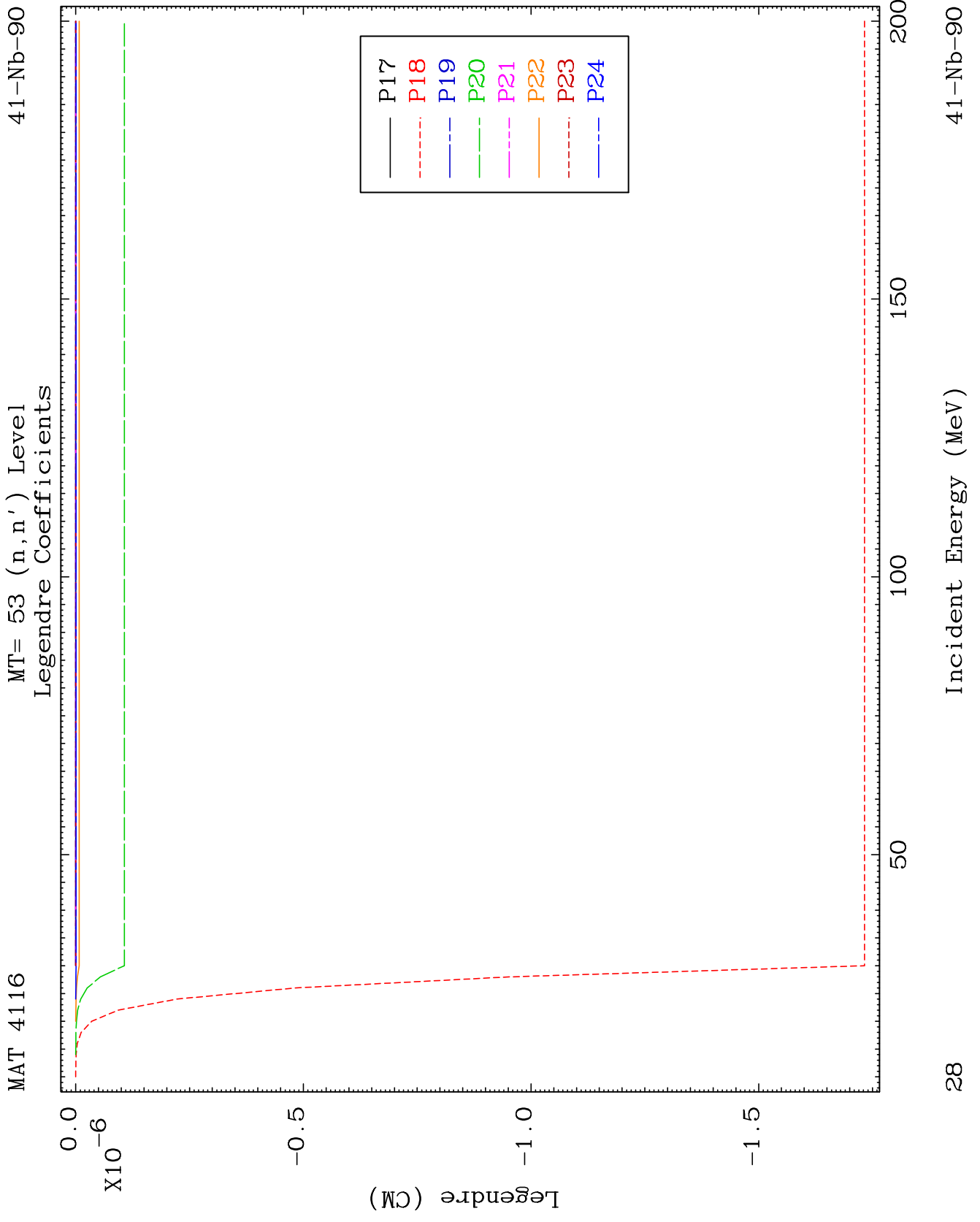
41-Nb-90

Incident Energy (MeV)

24



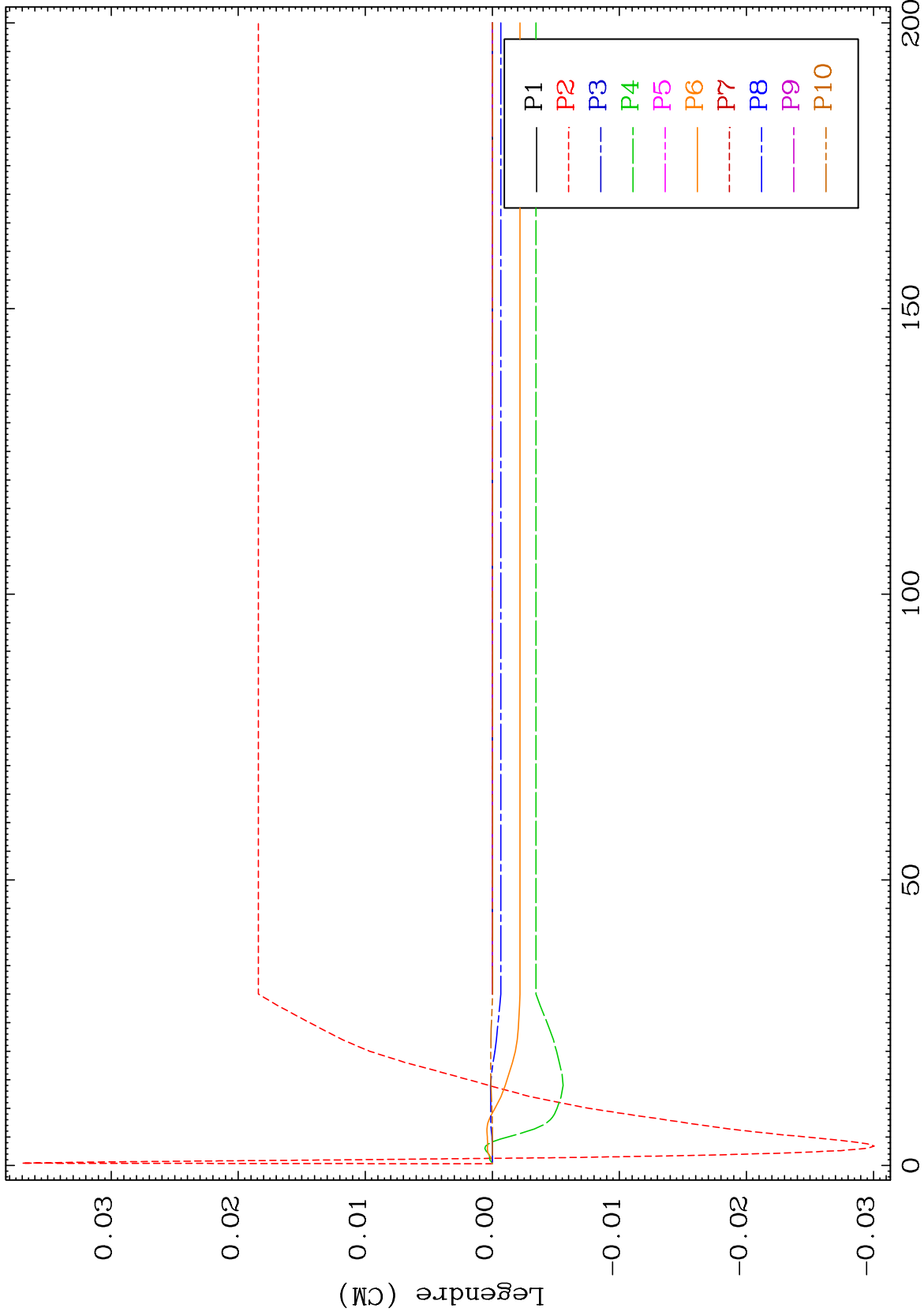




MAT 4116

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

41-Nb-90



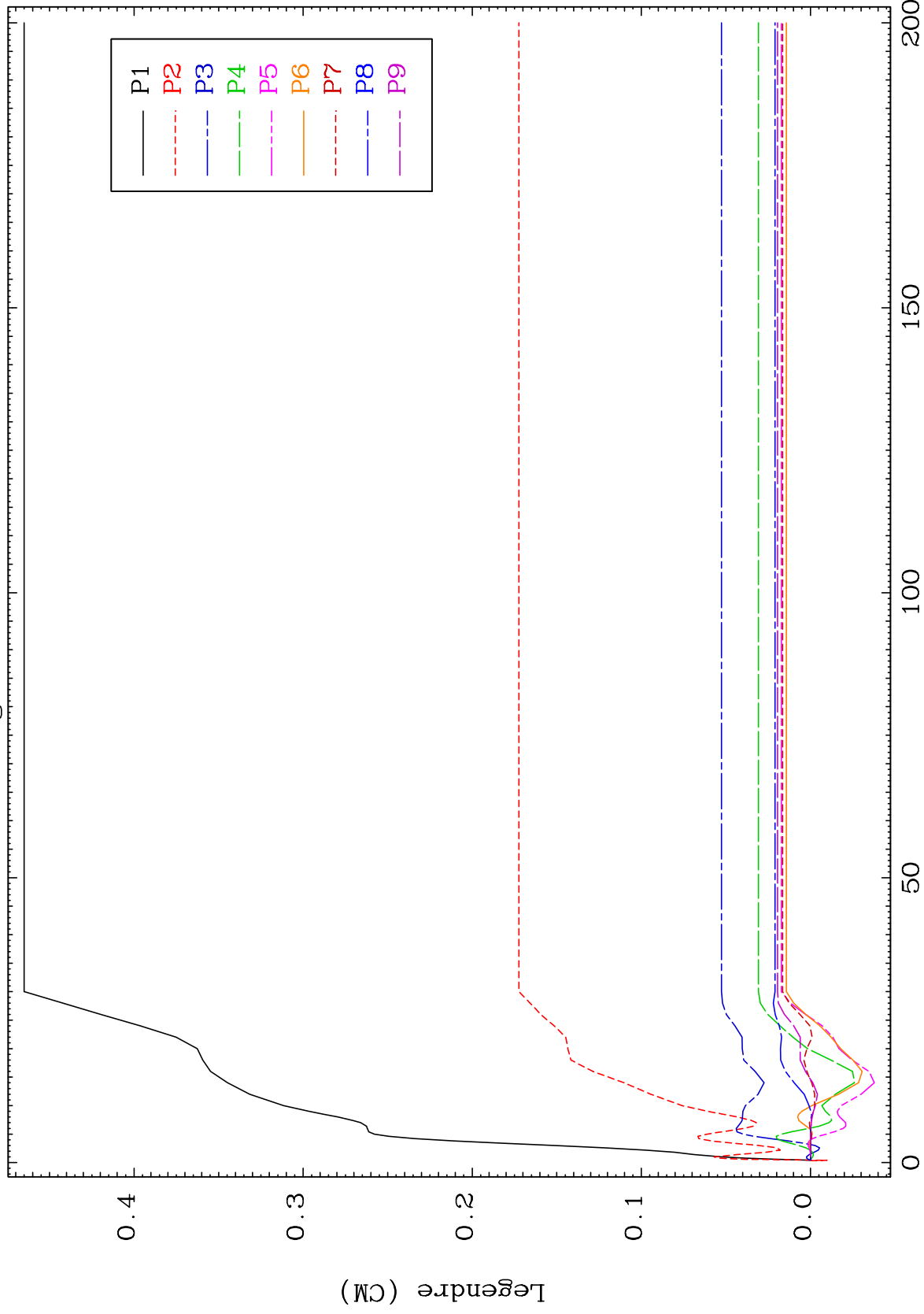
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41-Nb-90

MAT 4116

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

41-Nb-90



31

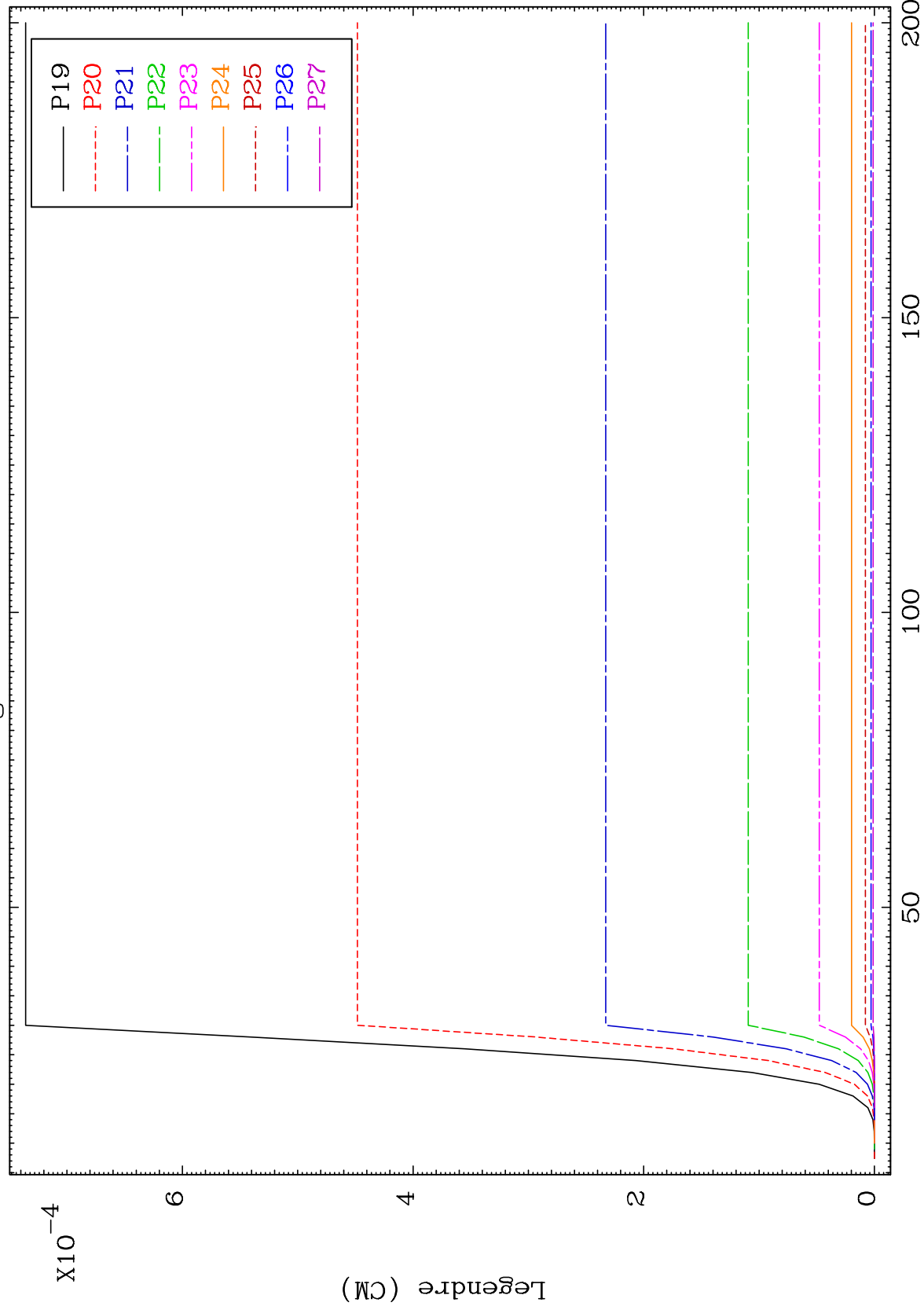
Incident Energy (MeV)

41-Nb-90

MAT 4116

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

41-Nb-90



33

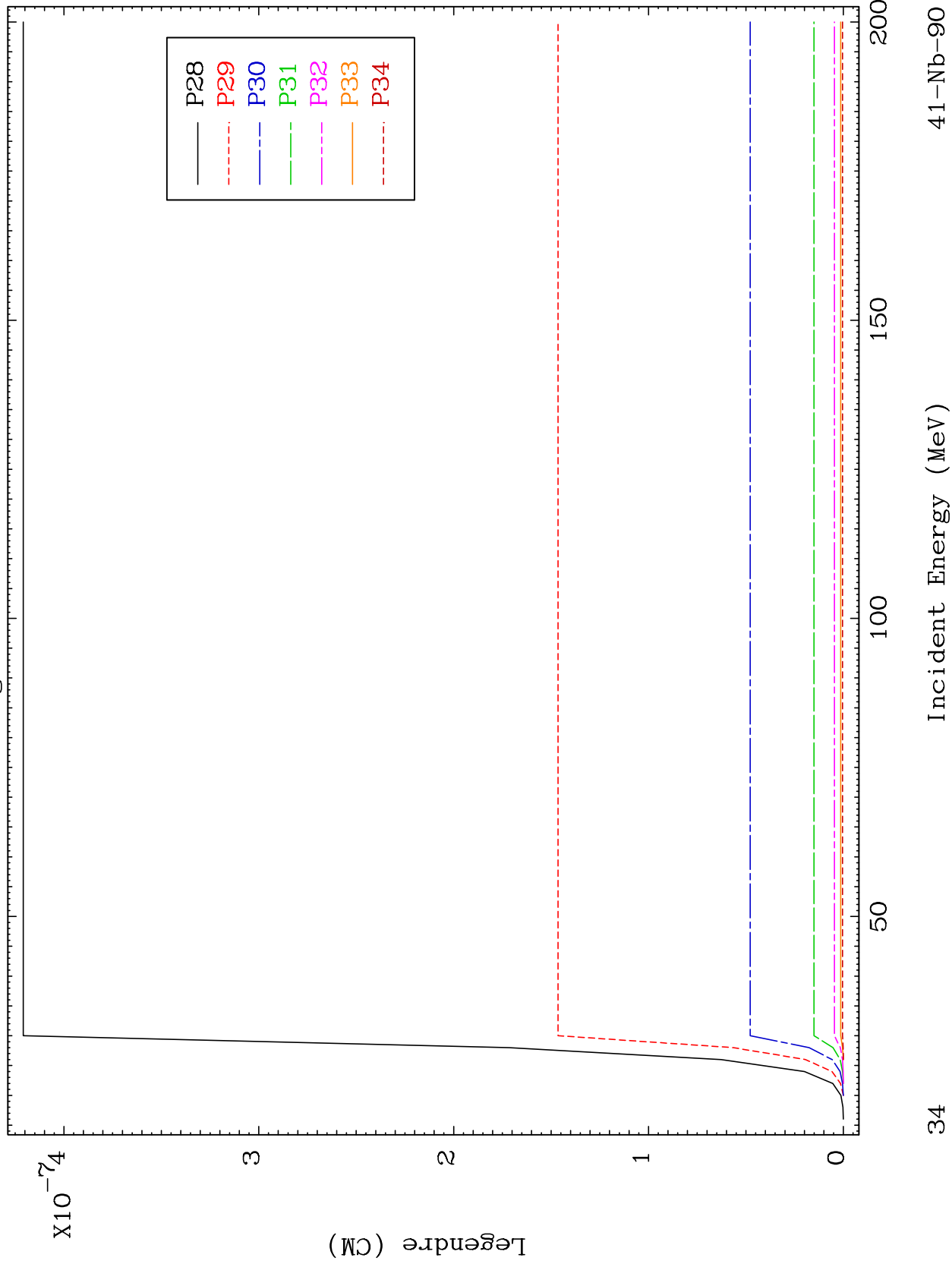
Incident Energy (MeV)

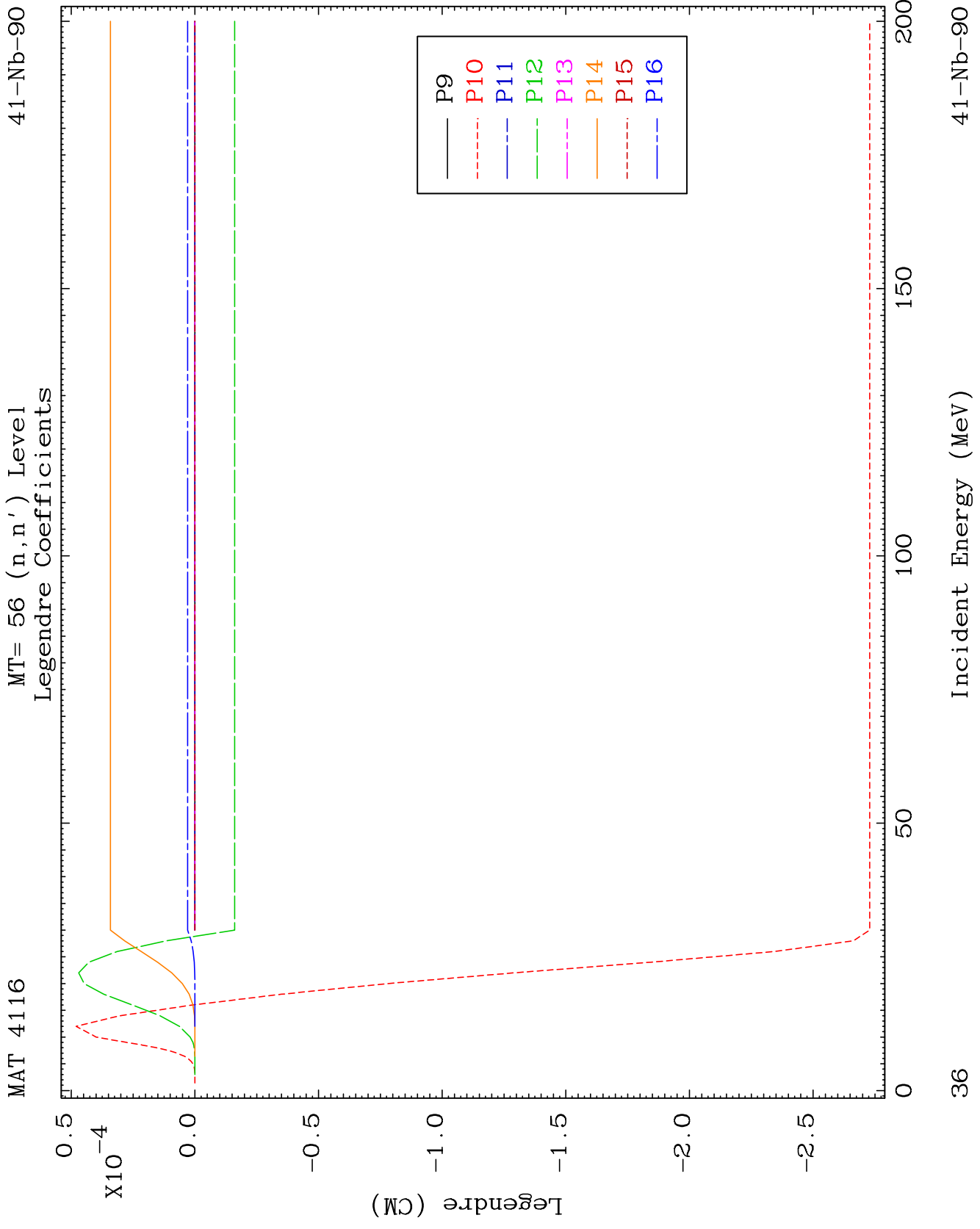
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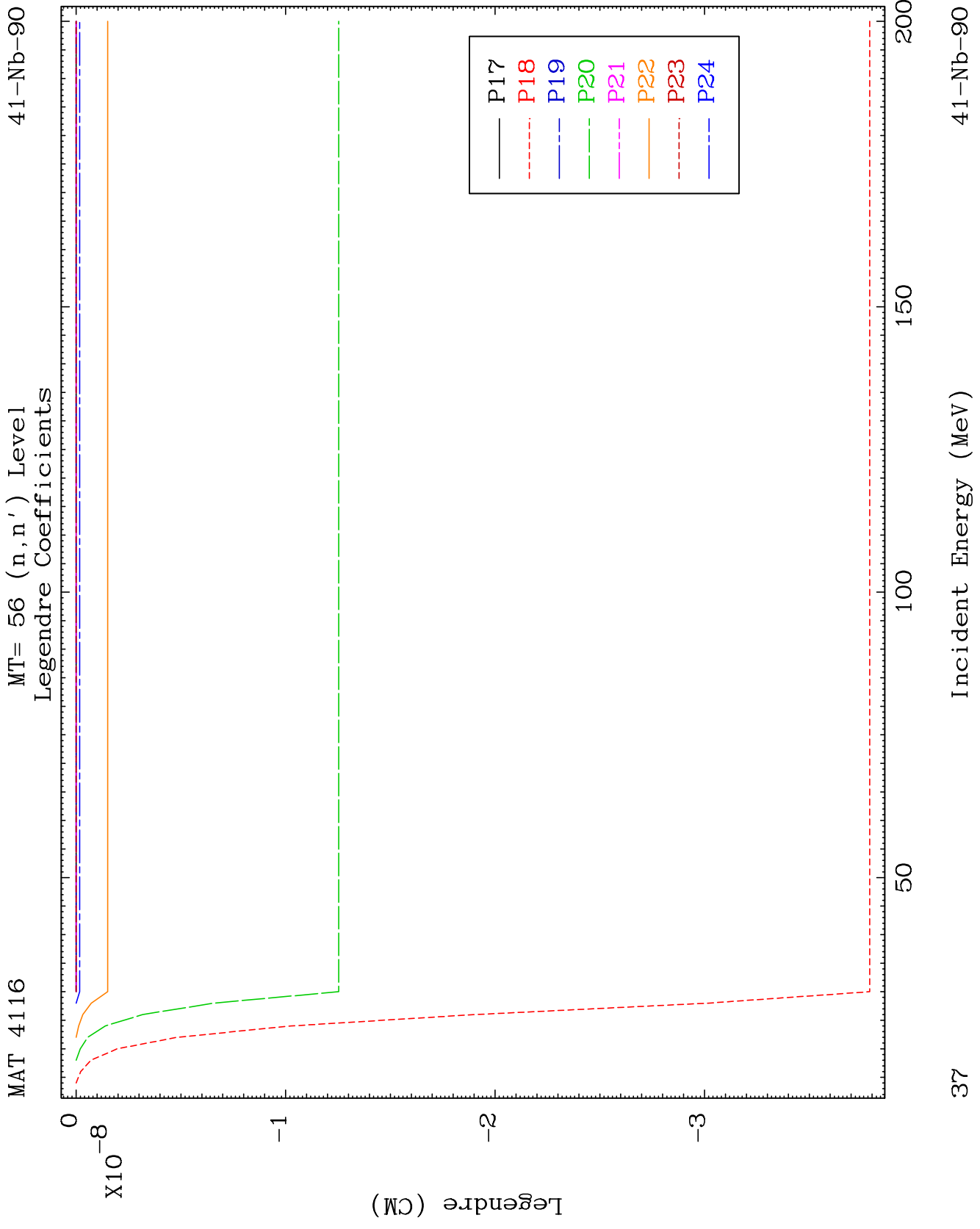
MAT 4116

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

41-Nb-90



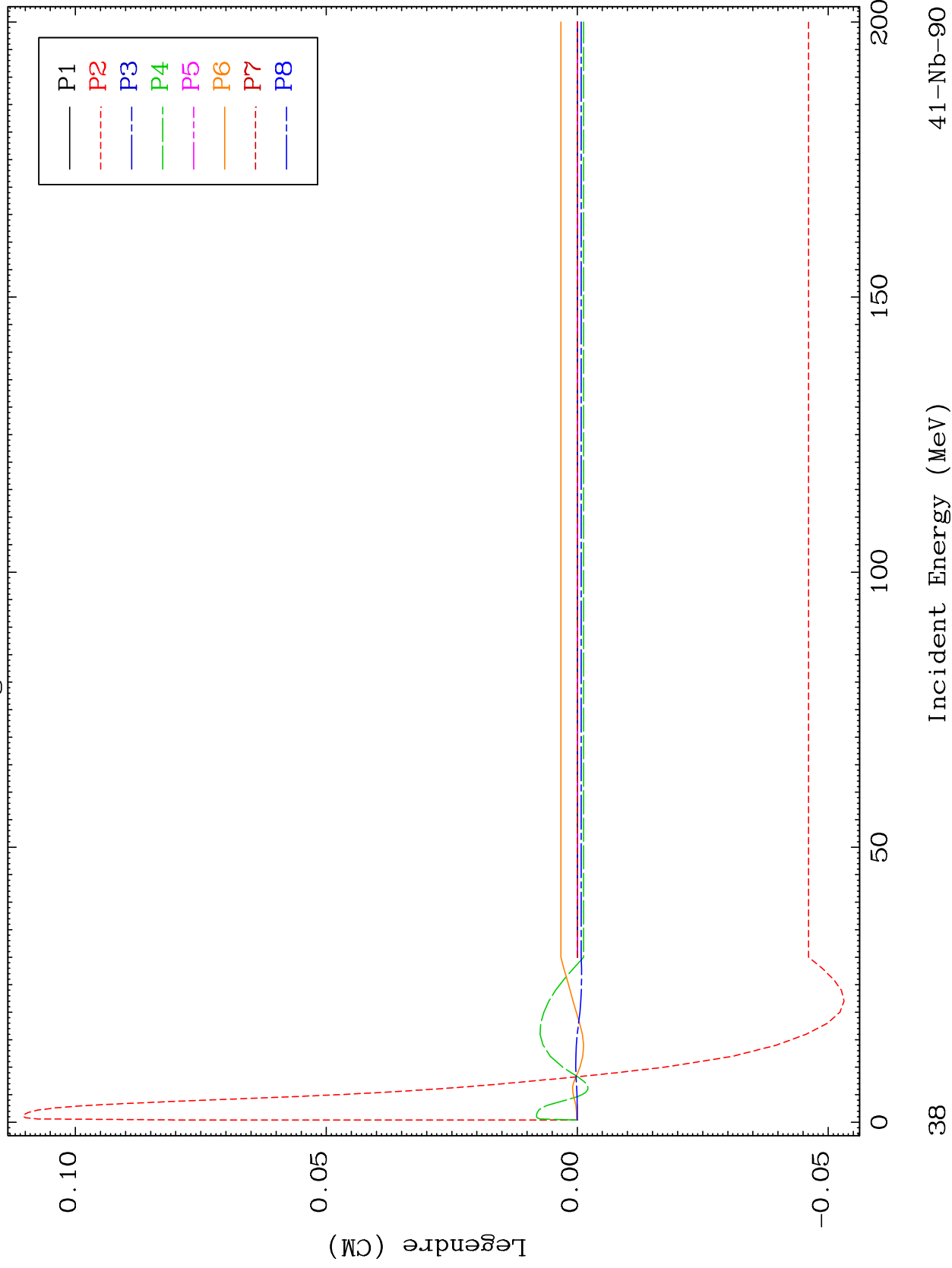




MAT 4116

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

41-Nb-90



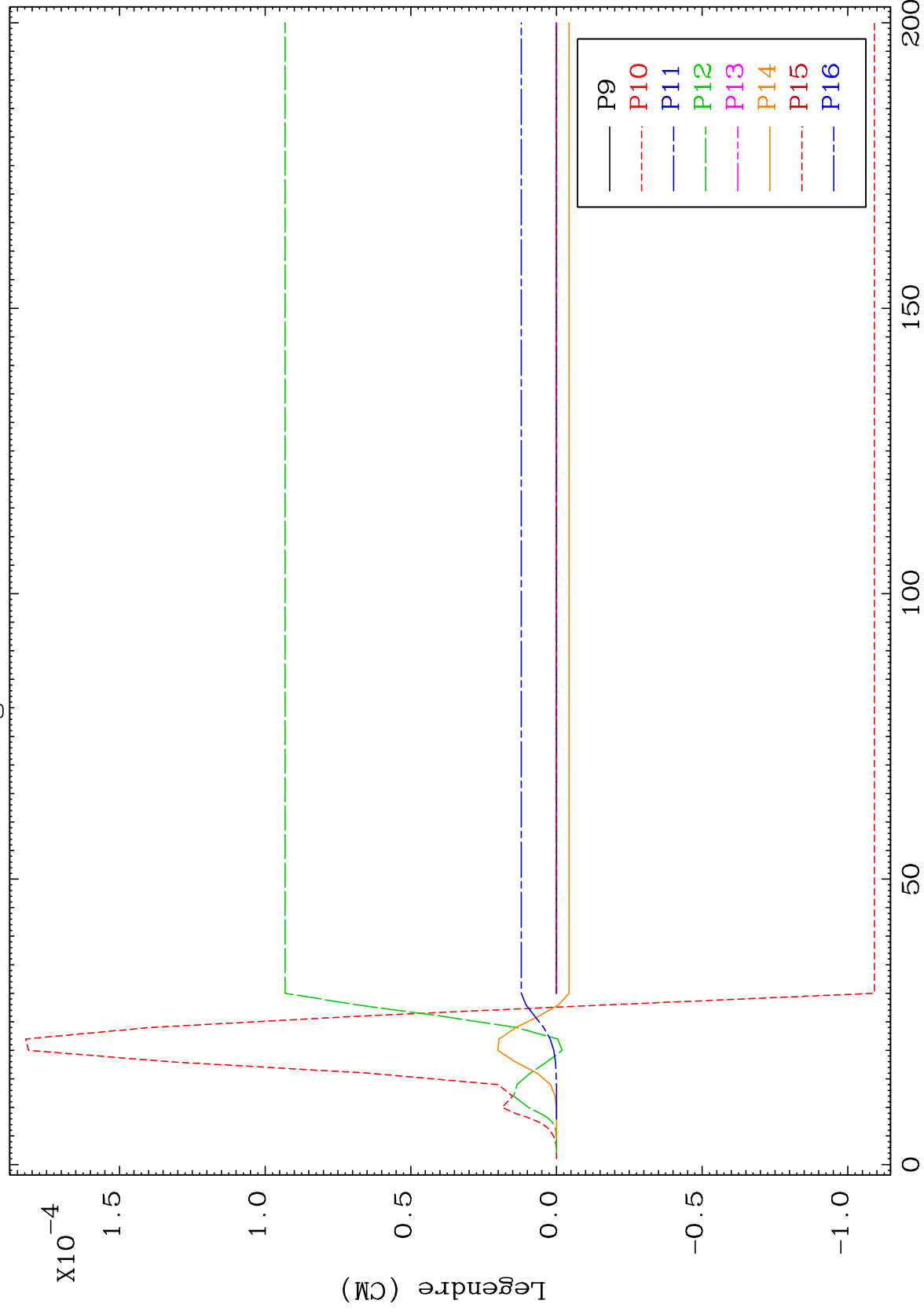
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41-Nb-90

MAT 4116

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

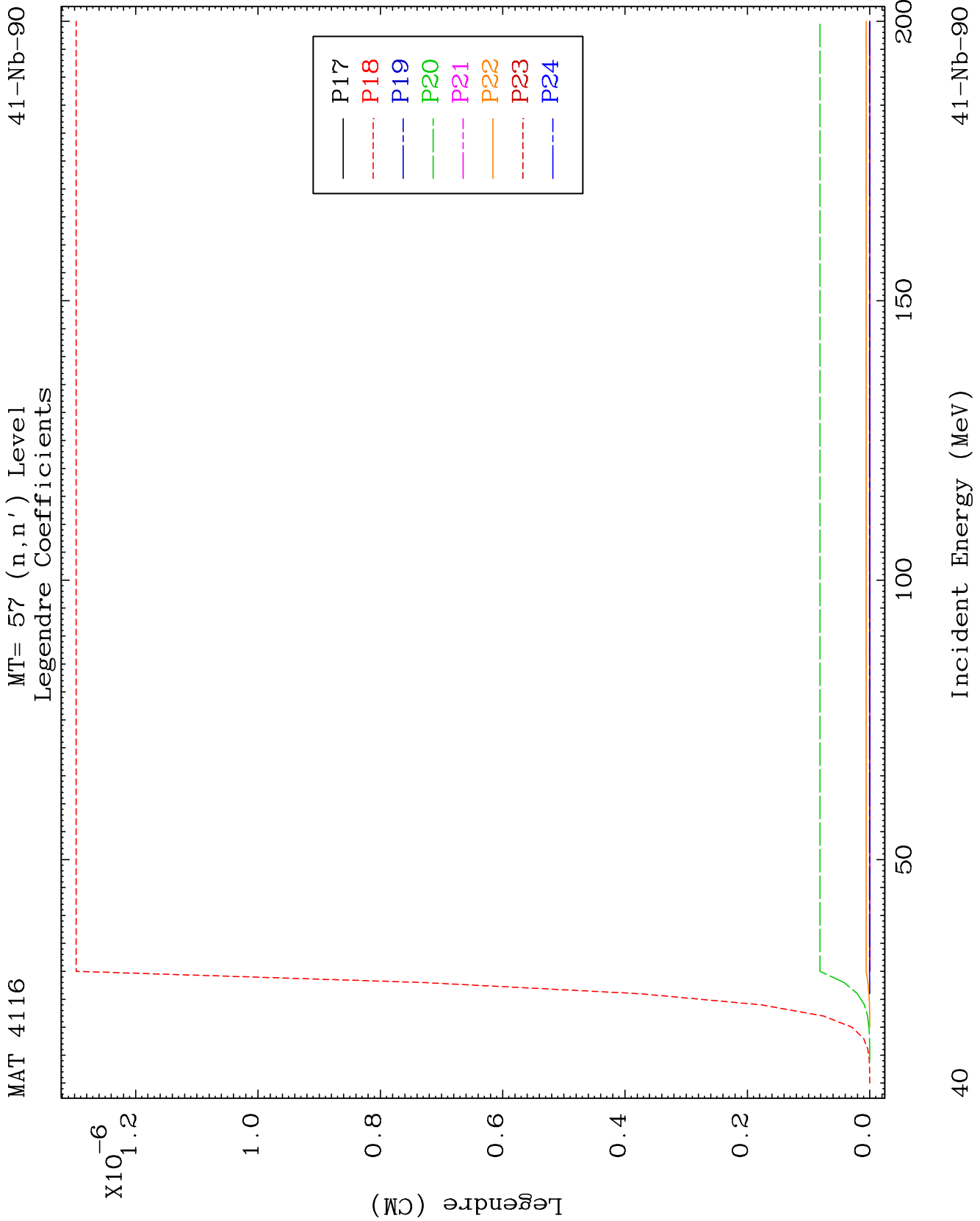
41-Nb-90



39

Incident Energy (MeV)

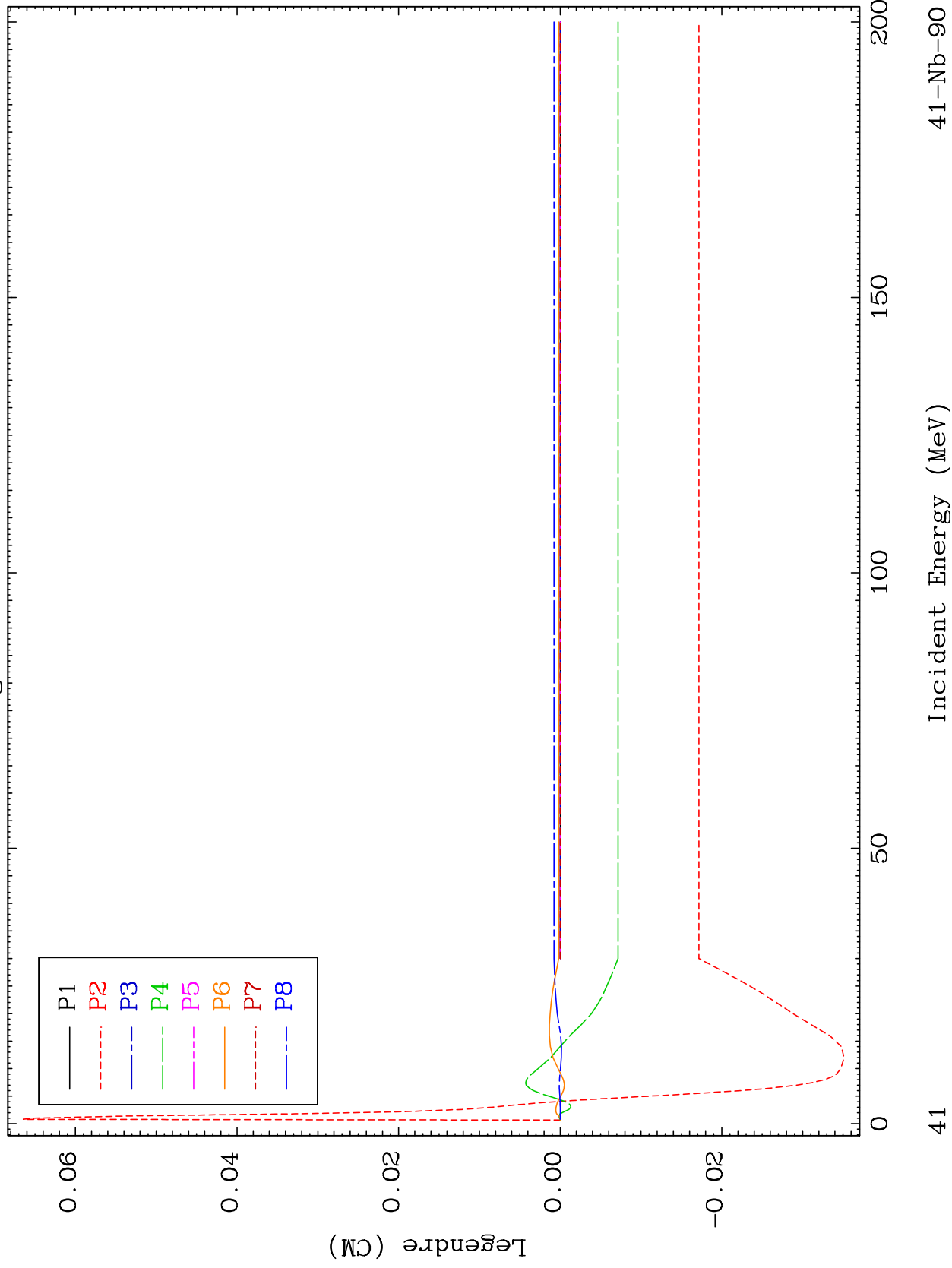
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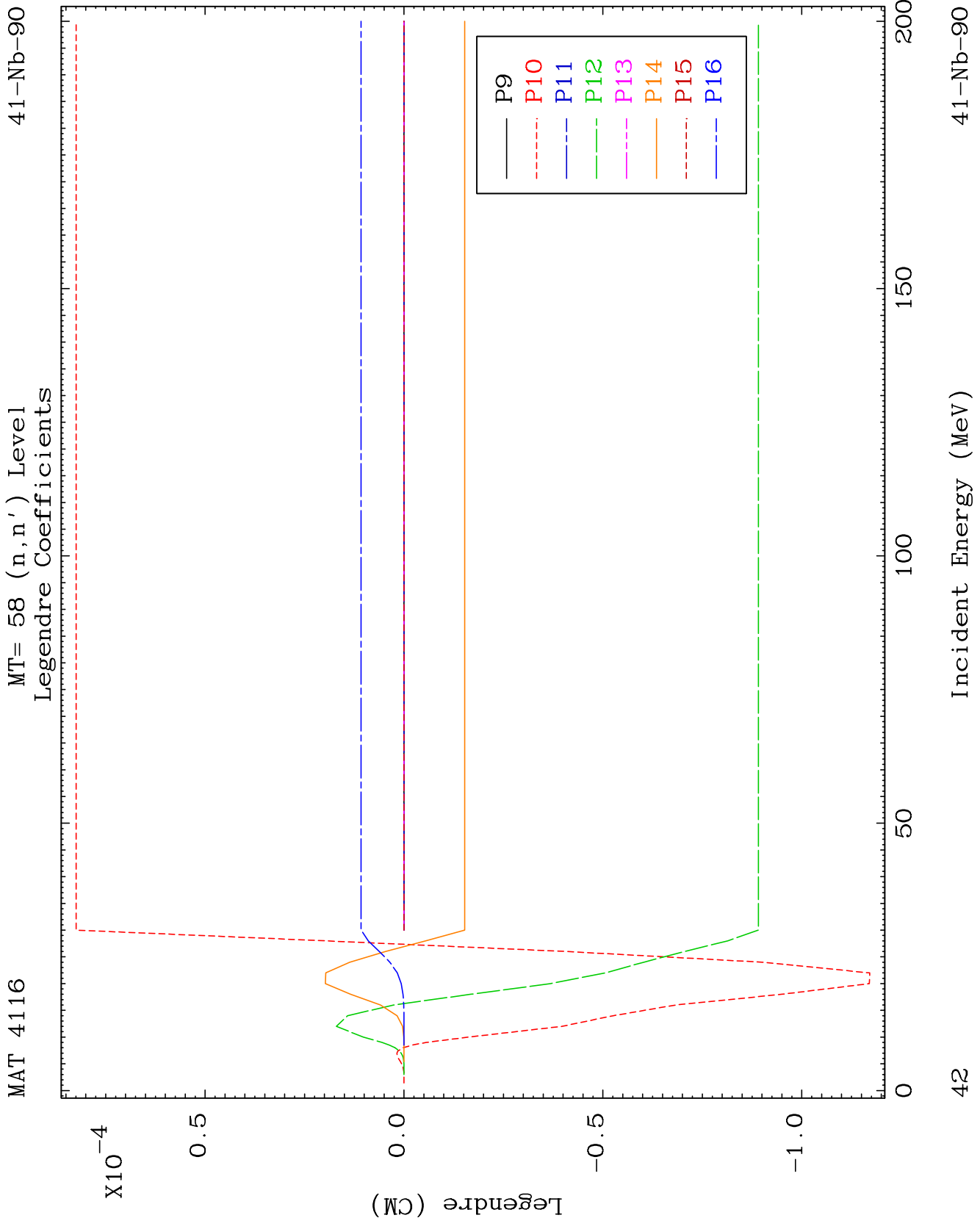


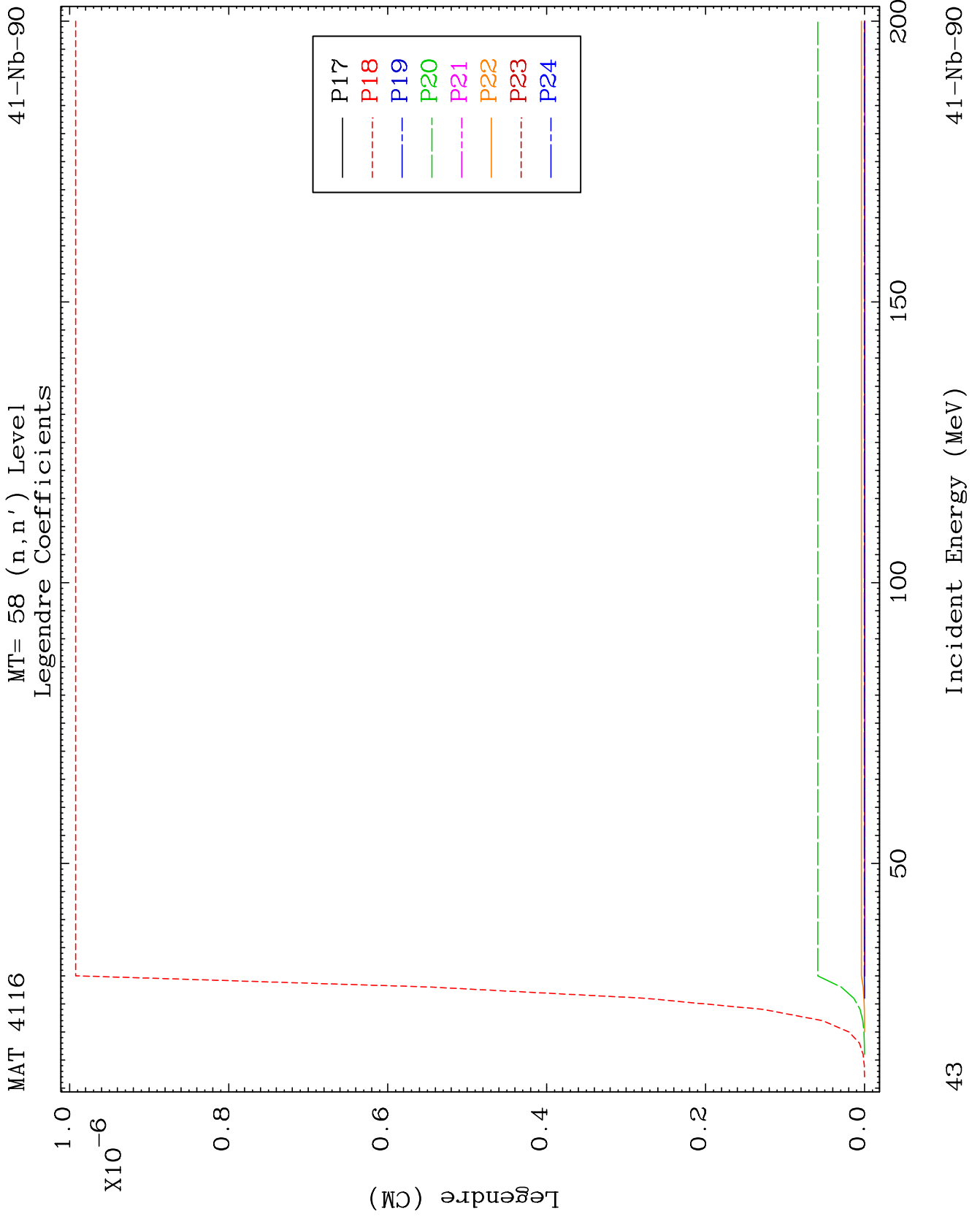
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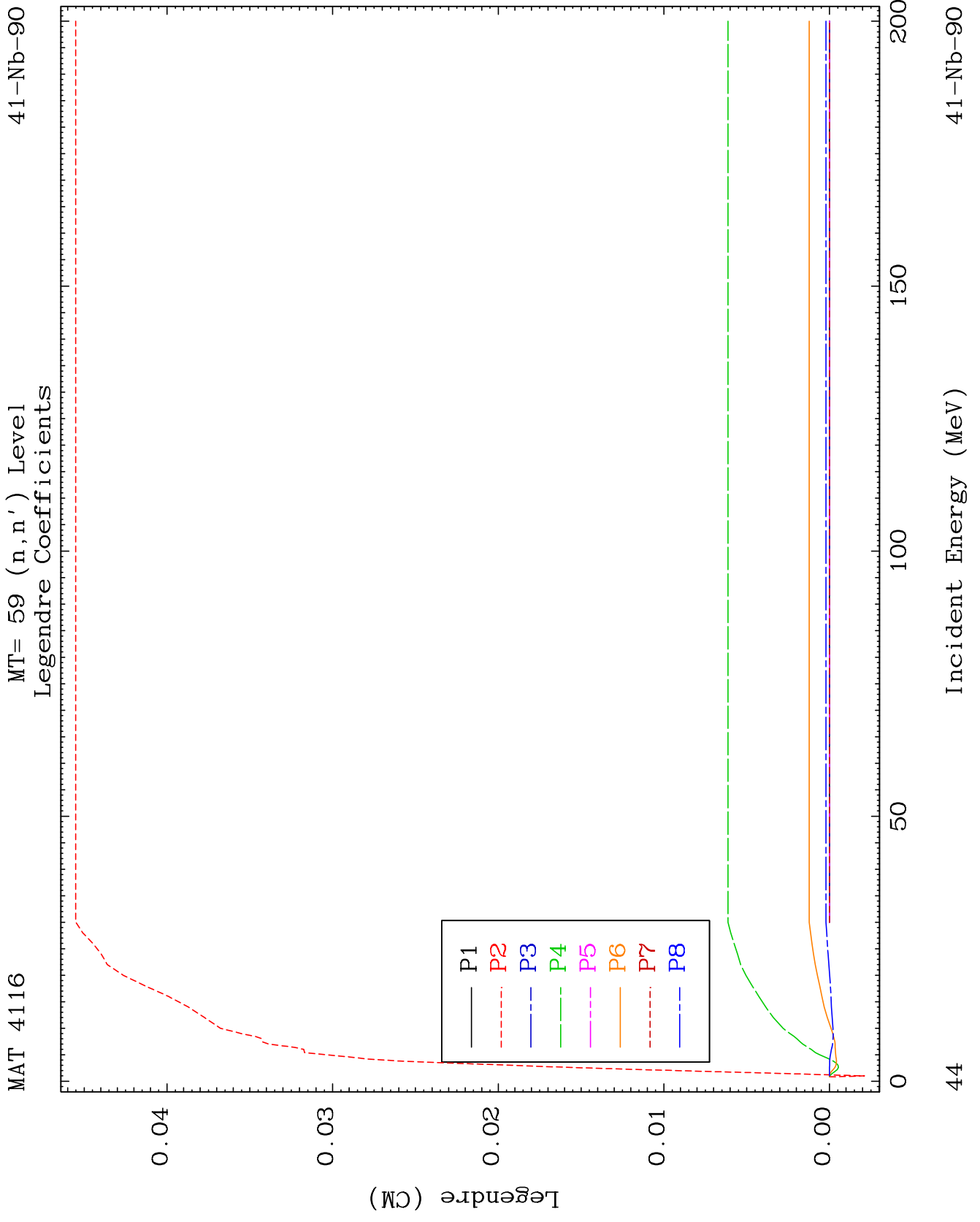
MT= 58 (n,n') Level
Legendre Coefficients

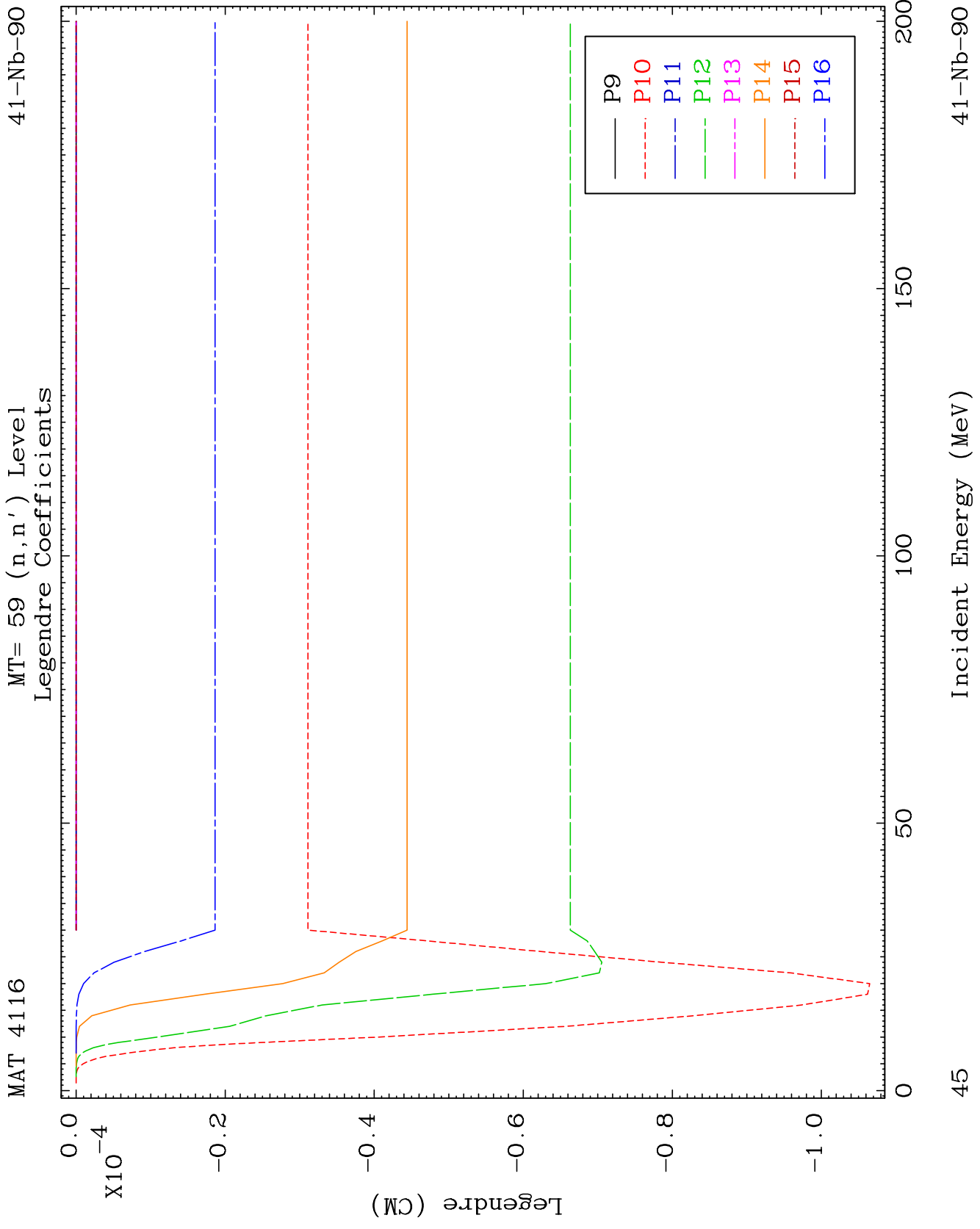
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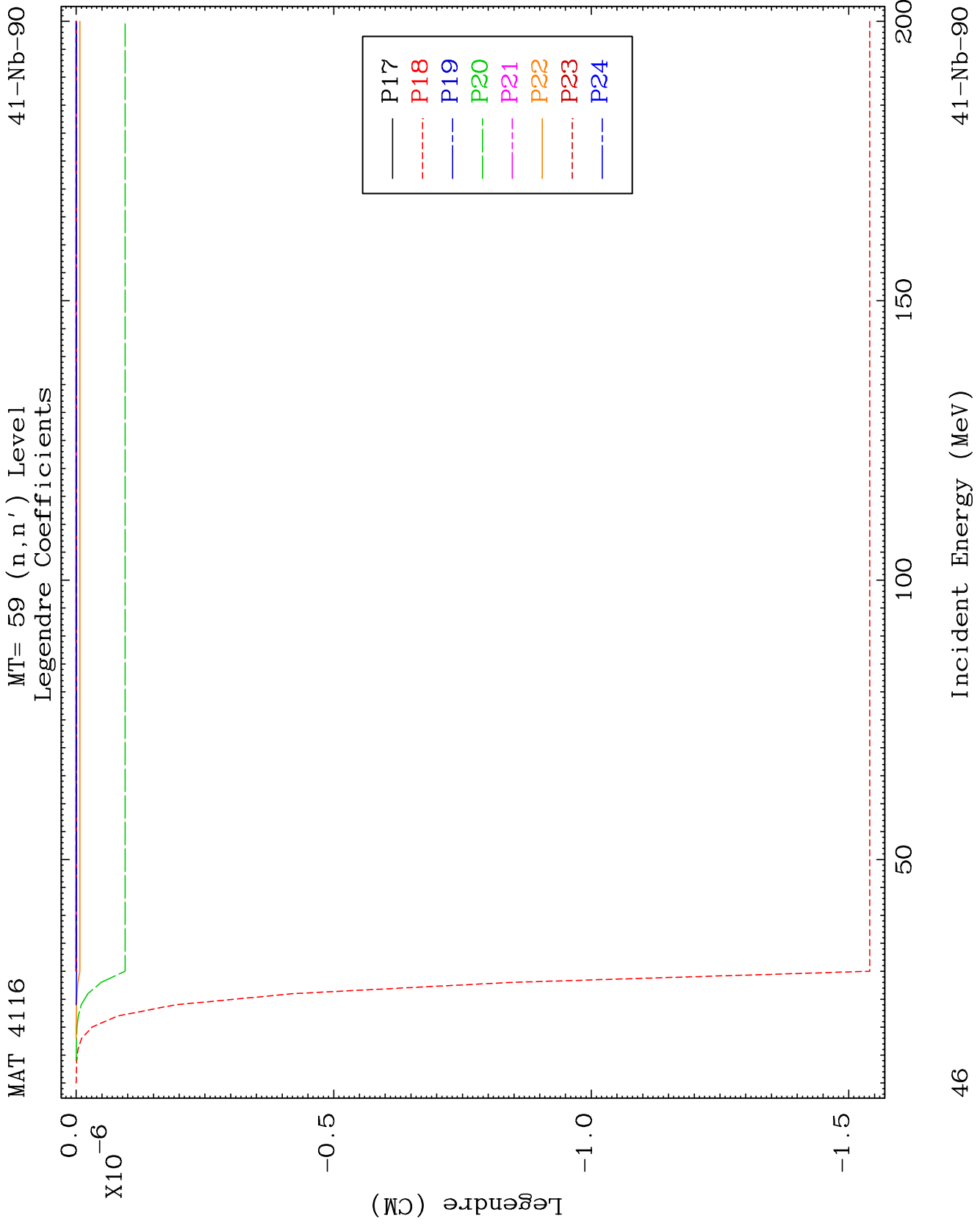








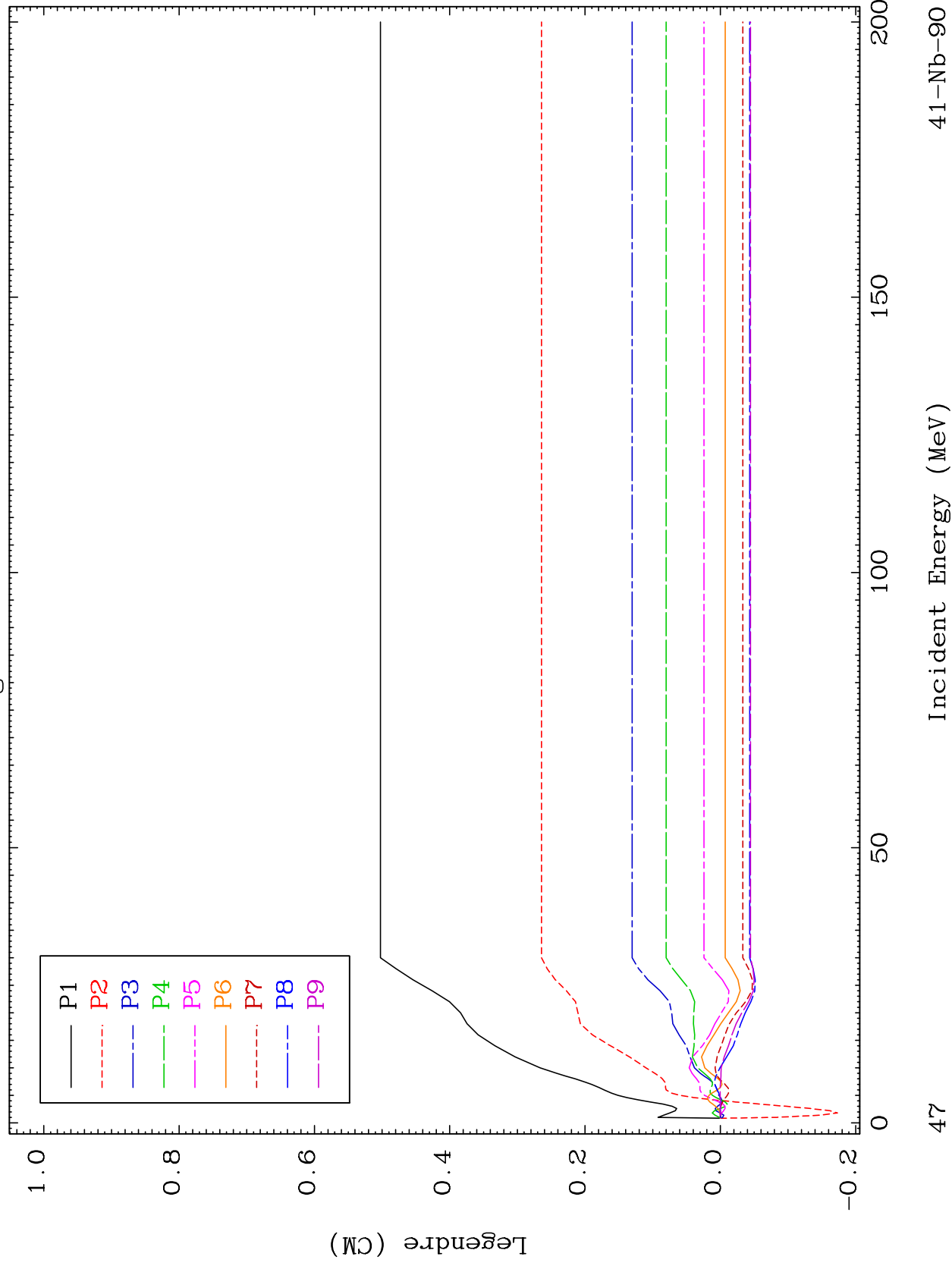


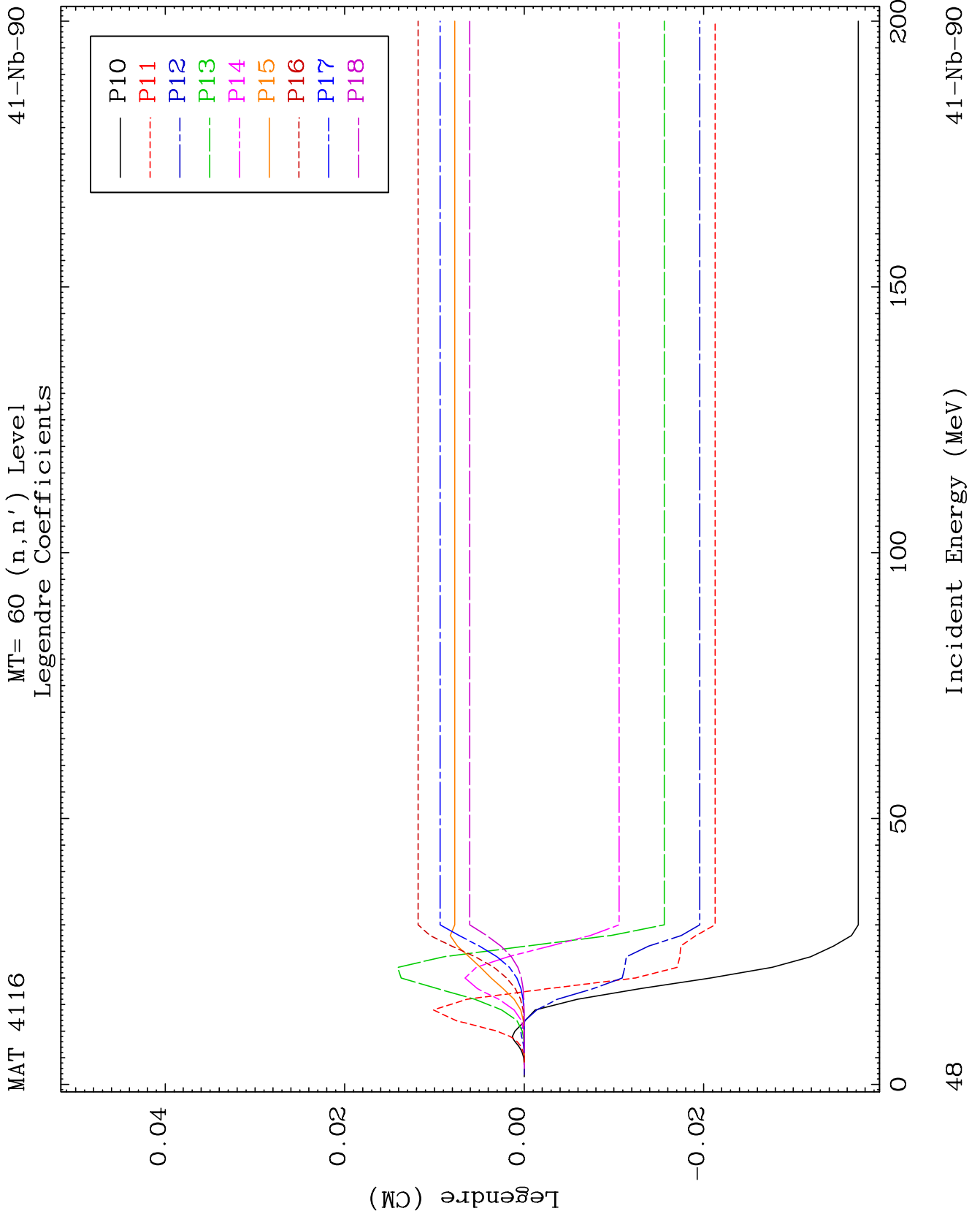


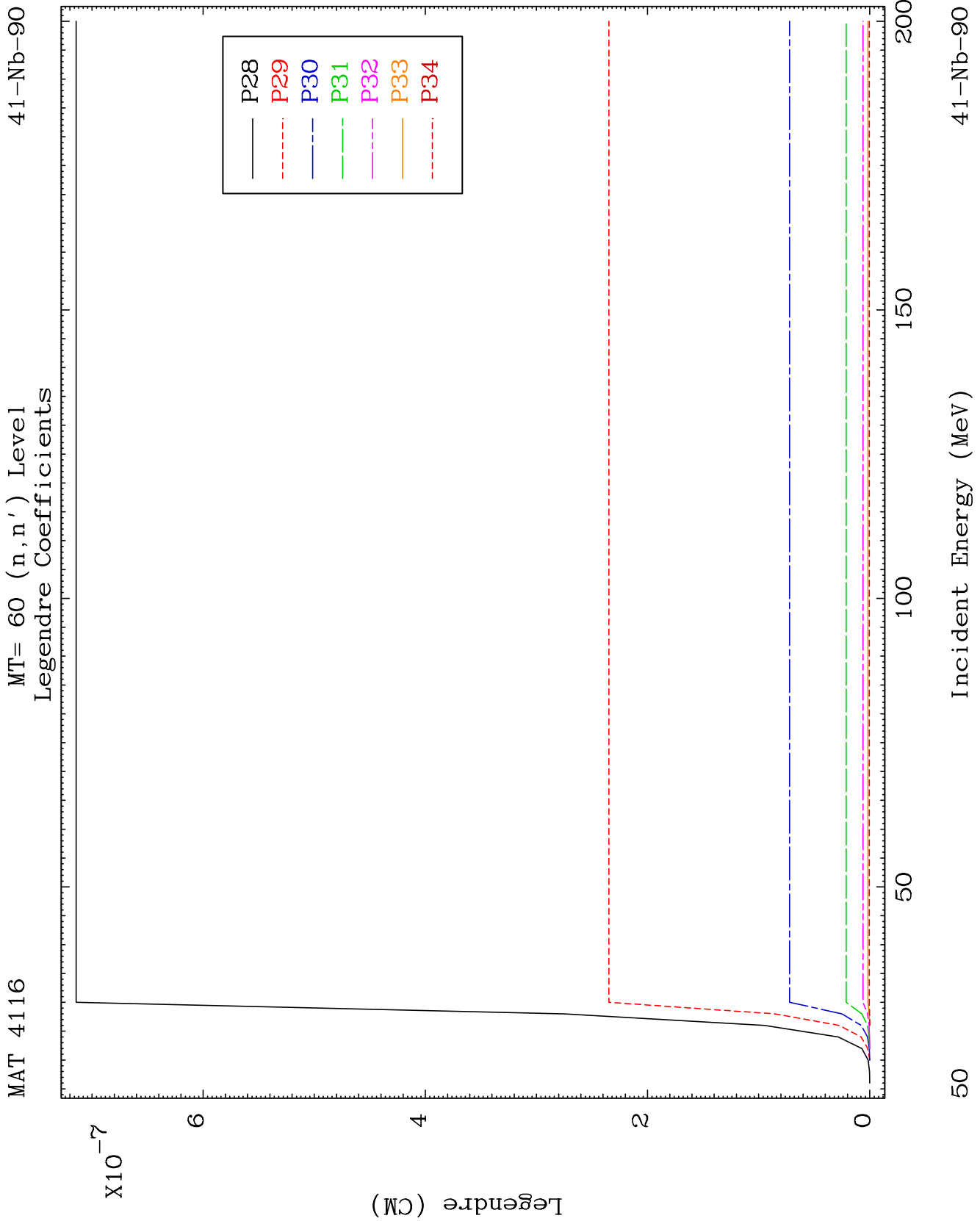
MAT 4116

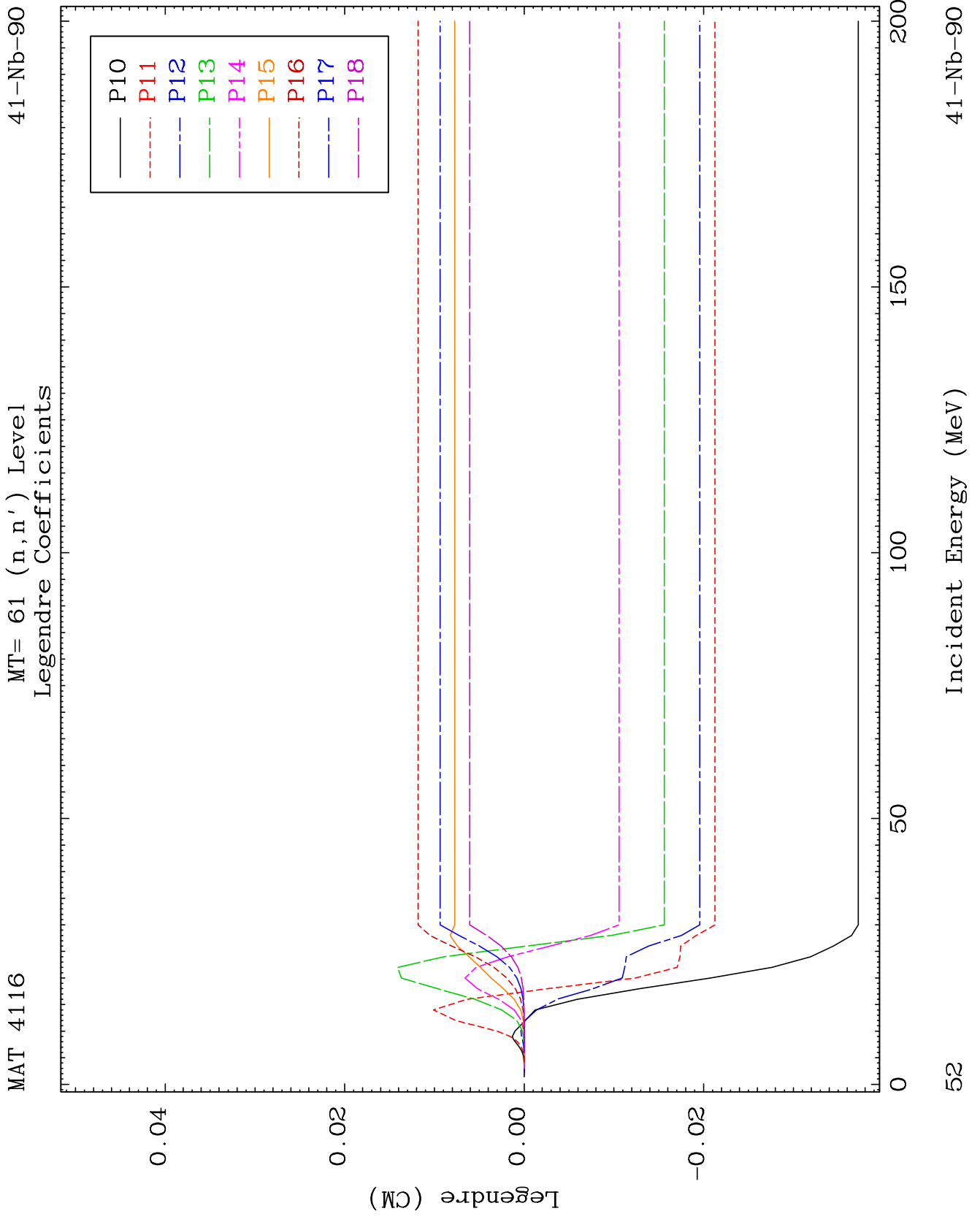
MT= 60 (n,n') Level
Legendre Coefficients

41-Nb-90





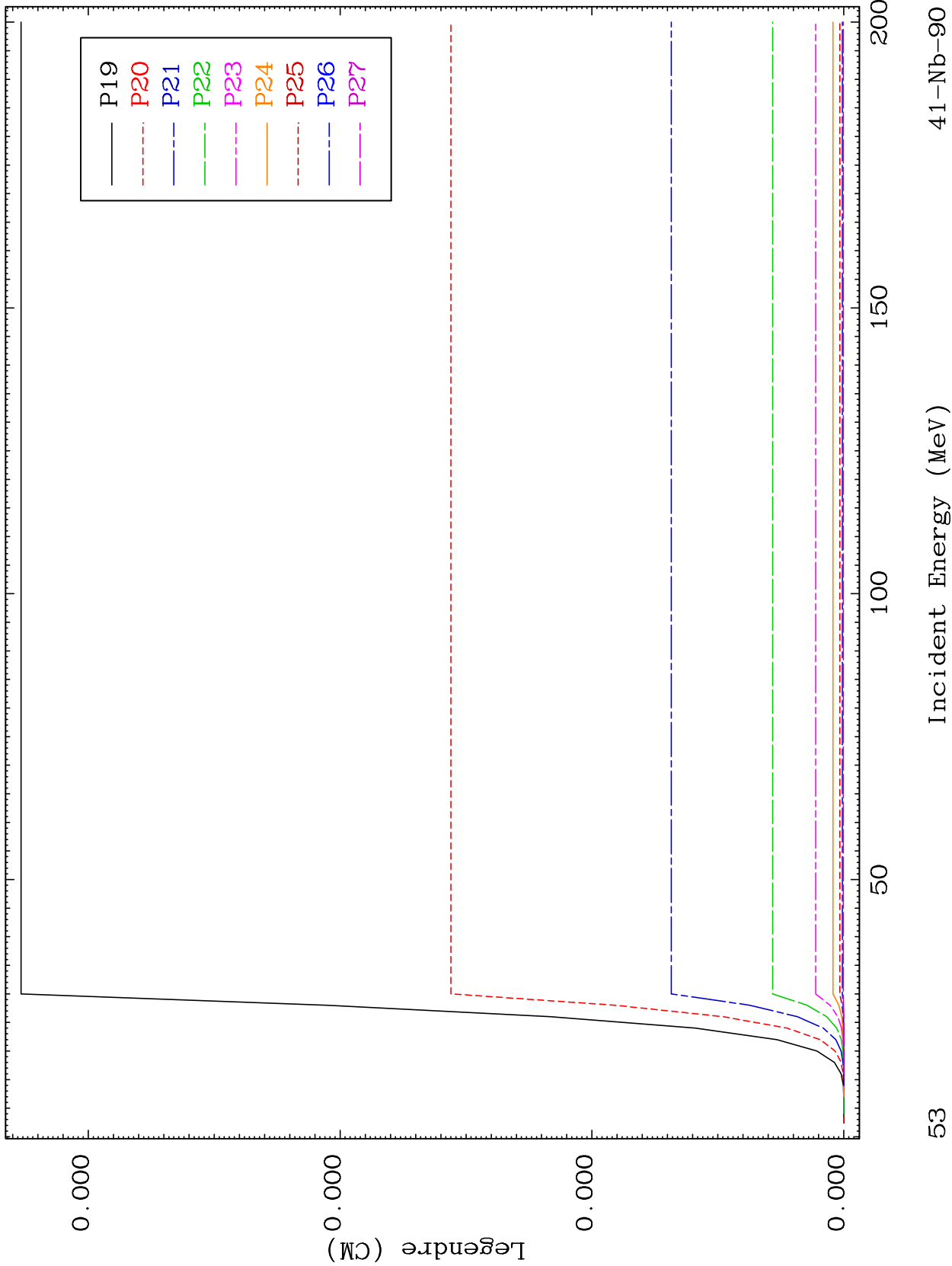




MAT 4116

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

41-Nb-90



53

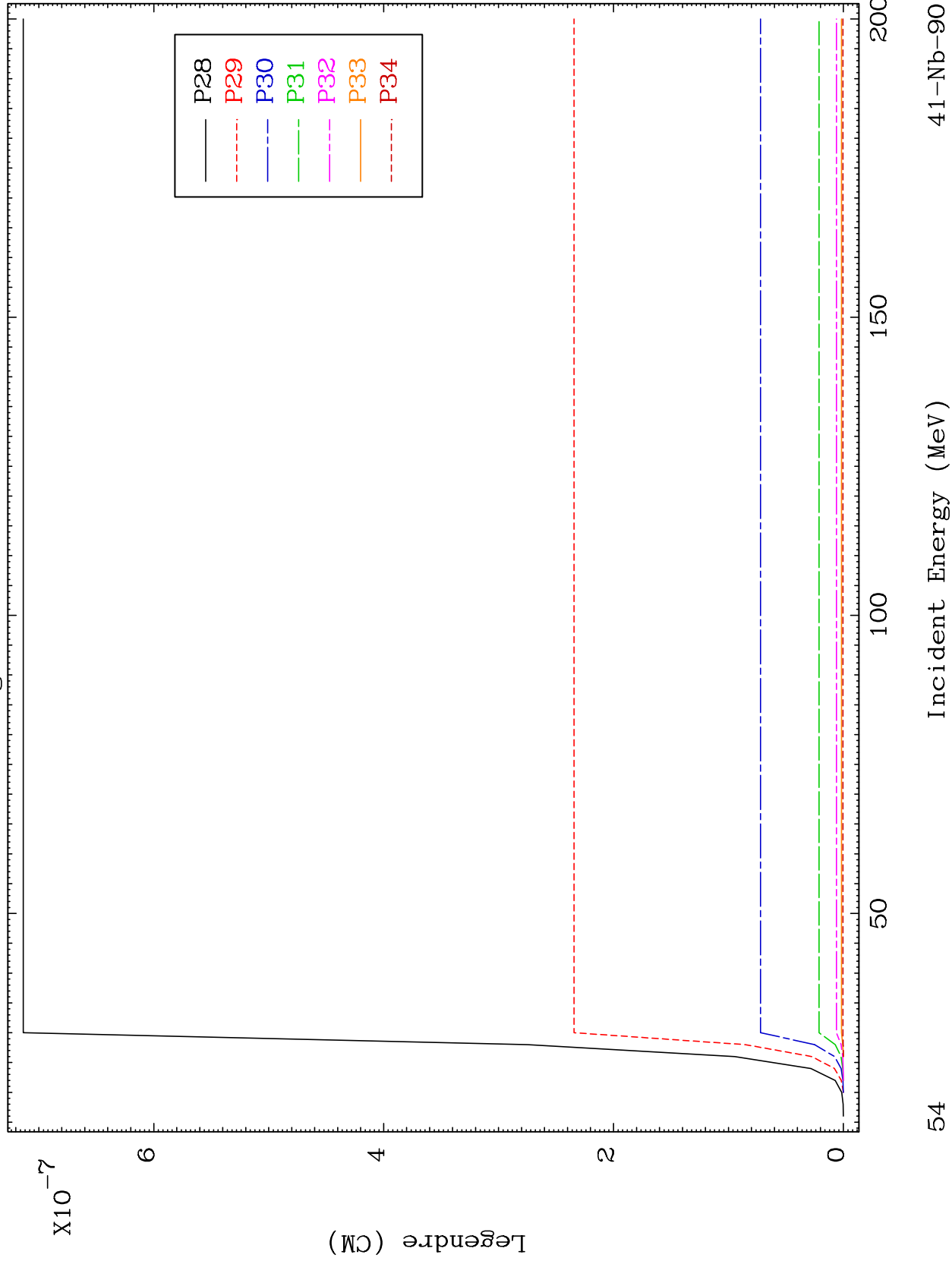
Incident Energy (MeV)

41-Nb-90

MAT 4116

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

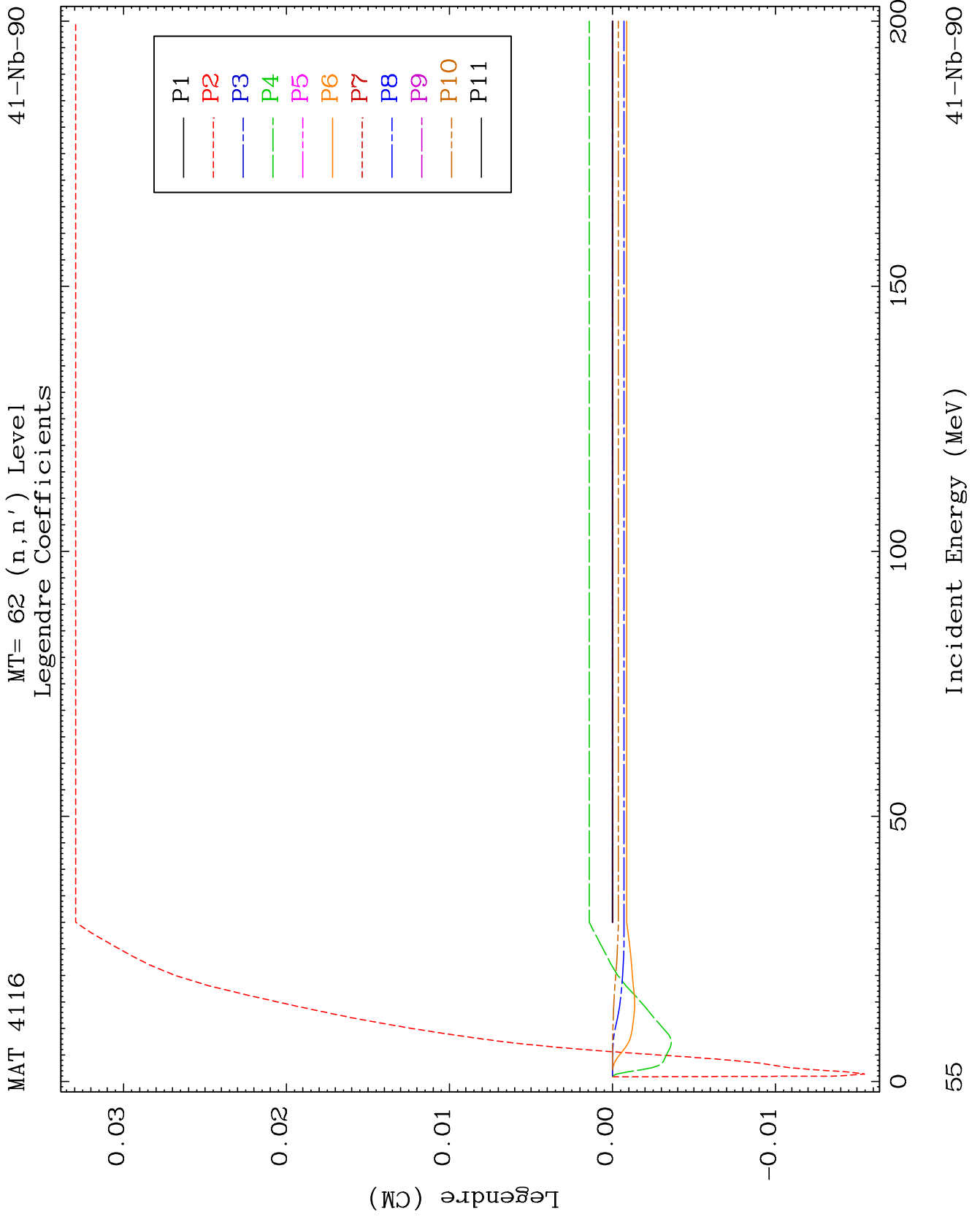
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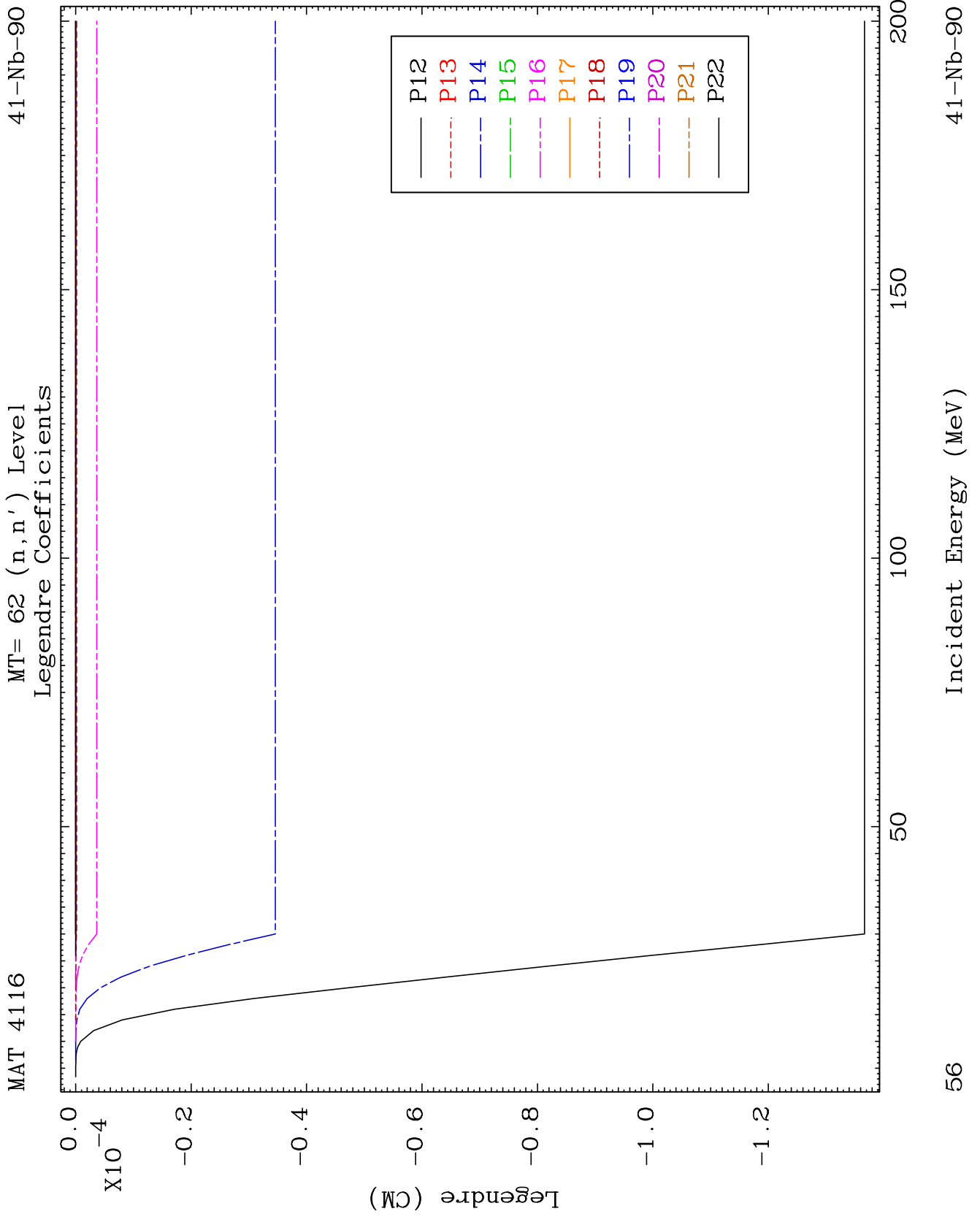


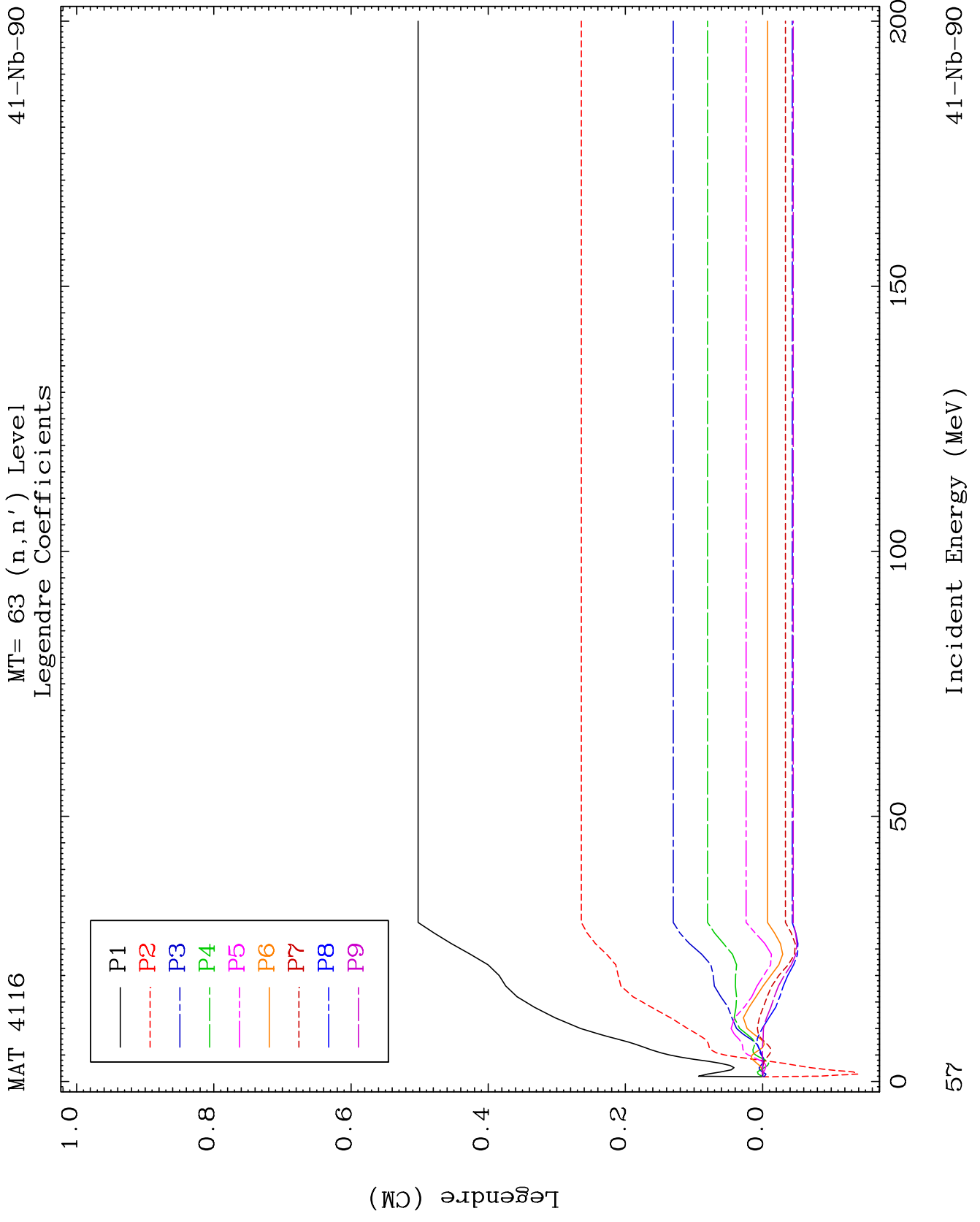
54

Incident Energy (MeV)

41-Nb-90



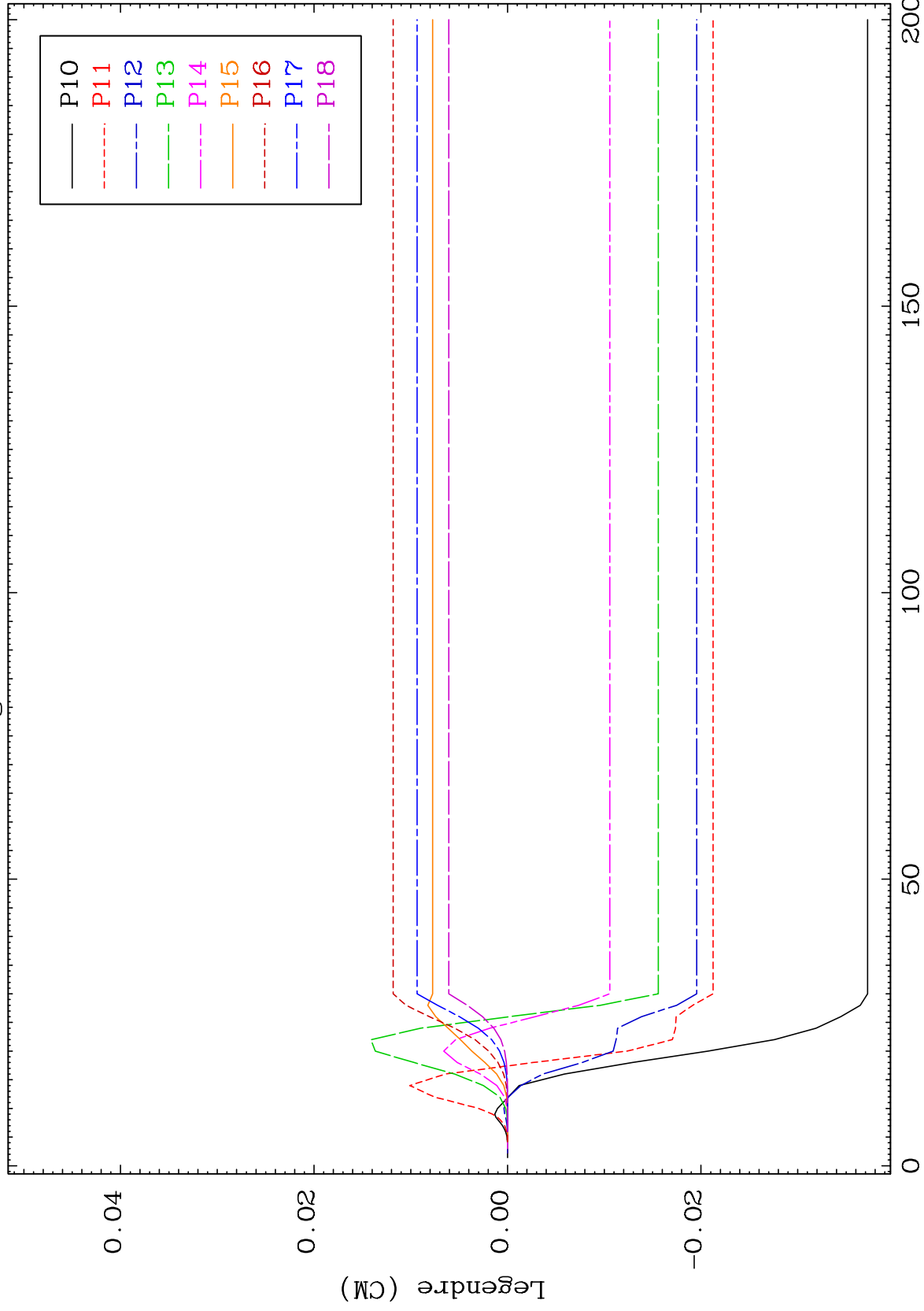




MAT 4116

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

41-Nb-90



58

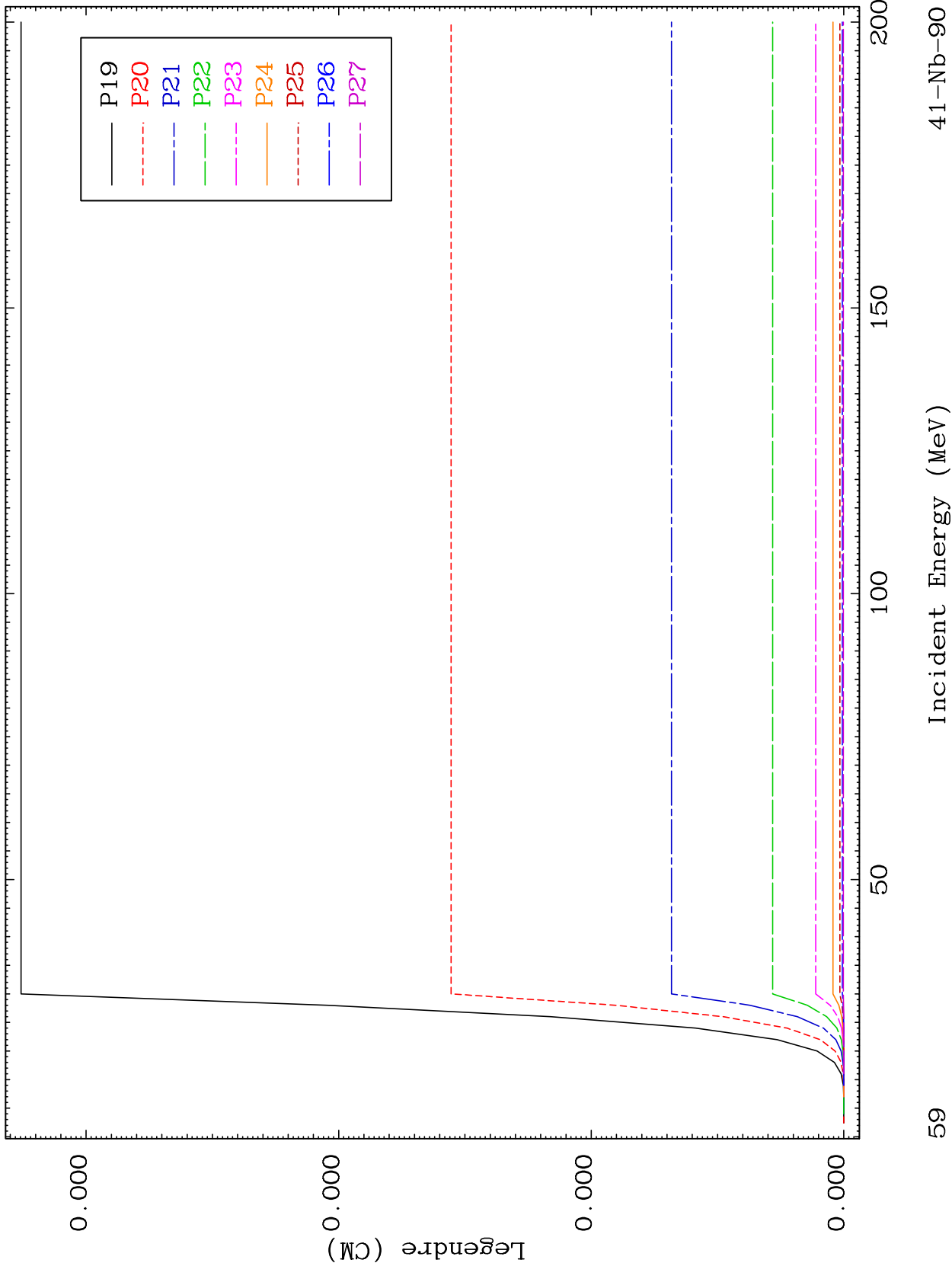
Incident Energy (MeV)

41-Nb-90

MAT 4116

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

41-Nb-90



59

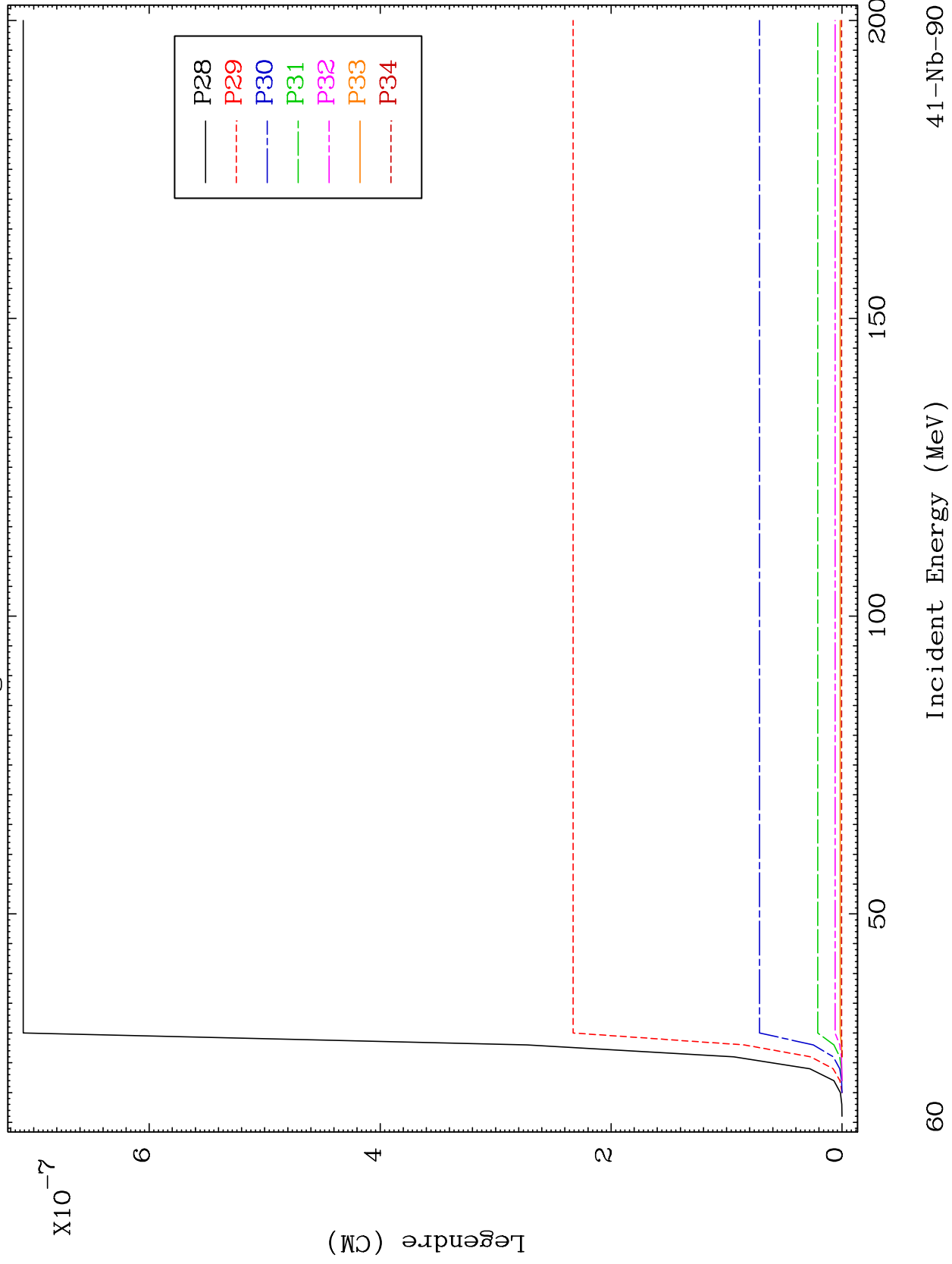
Incident Energy (MeV)

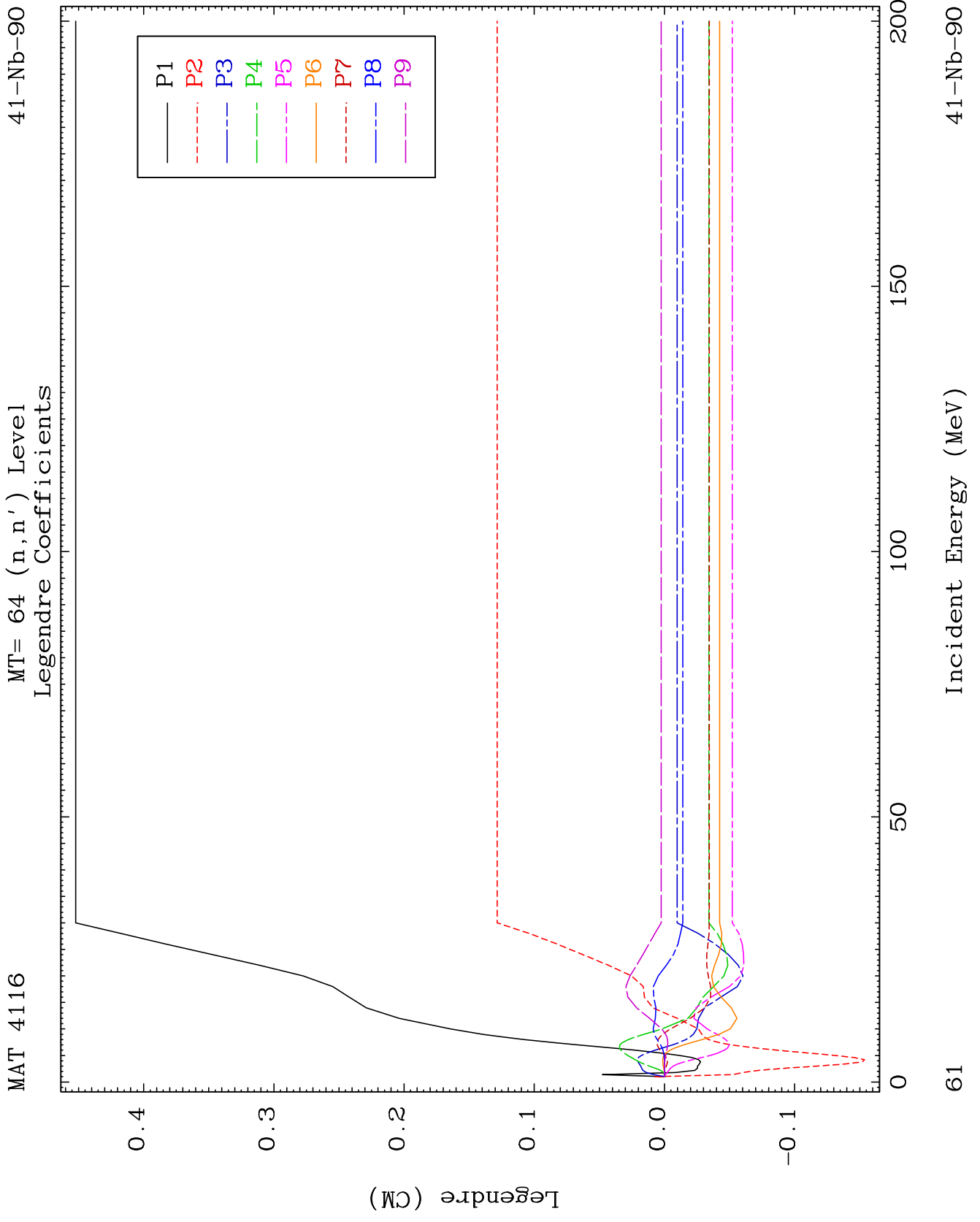
41-Nb-90

MAT 4116

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

41-Nb-90

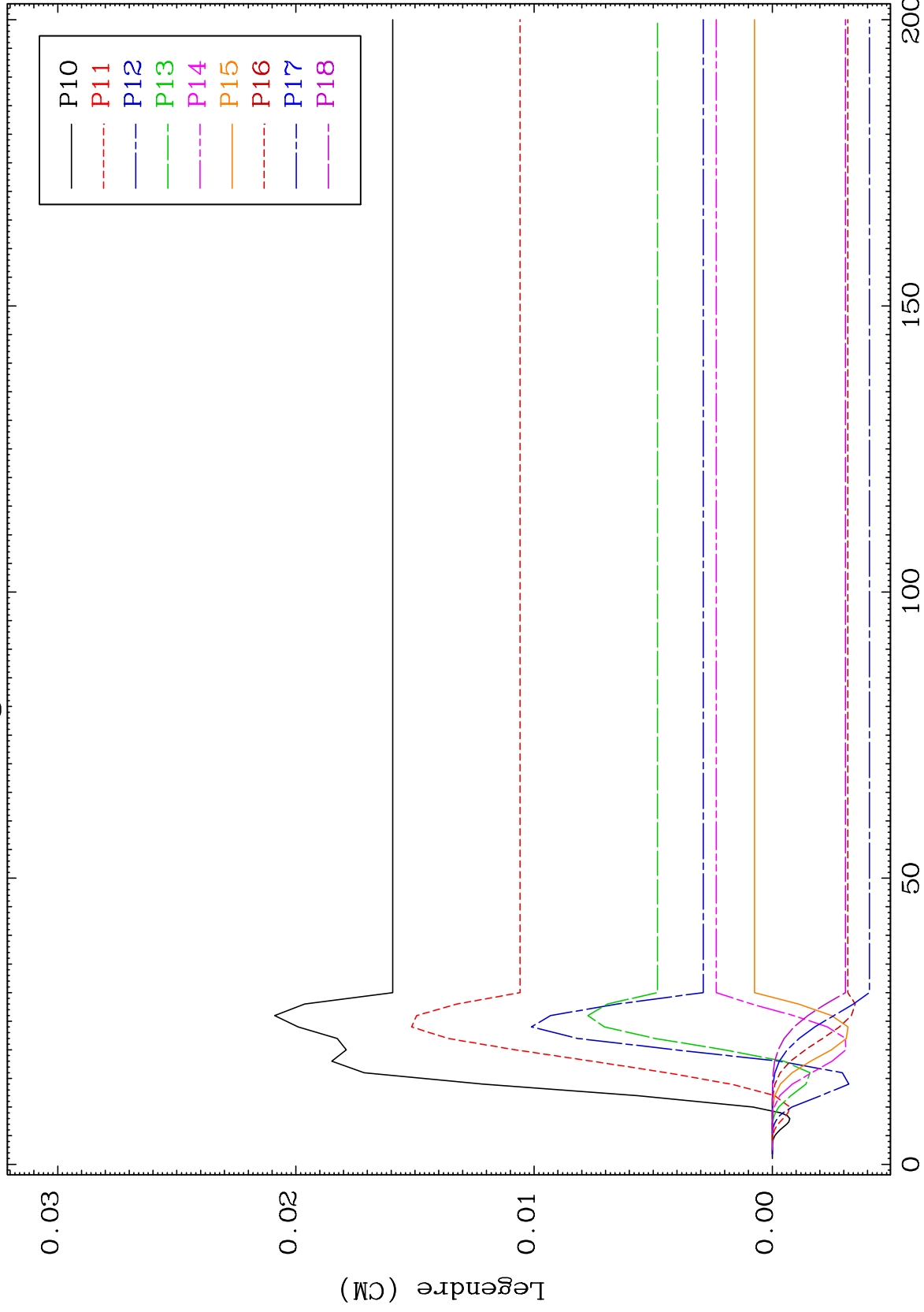




MAT 4116

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

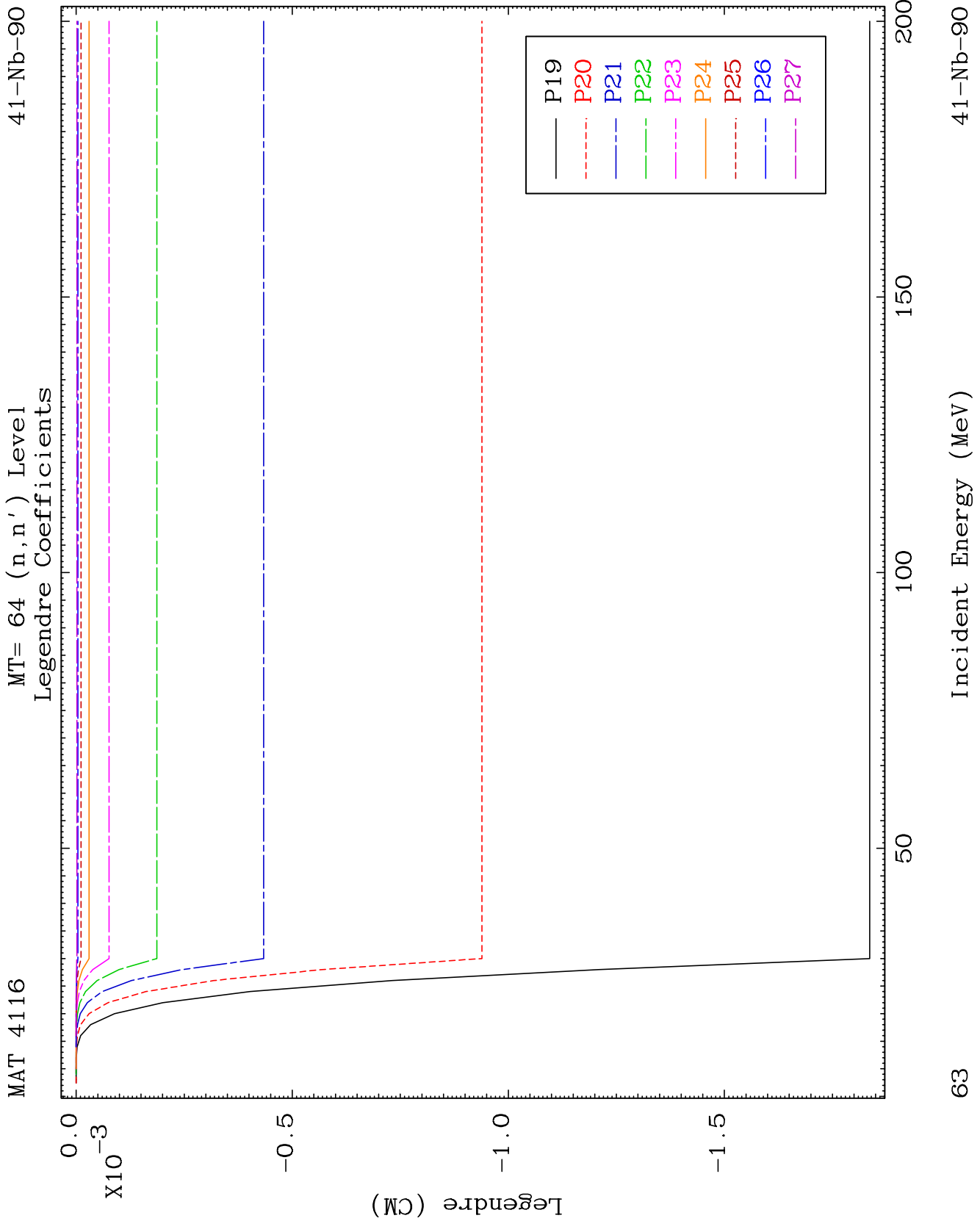
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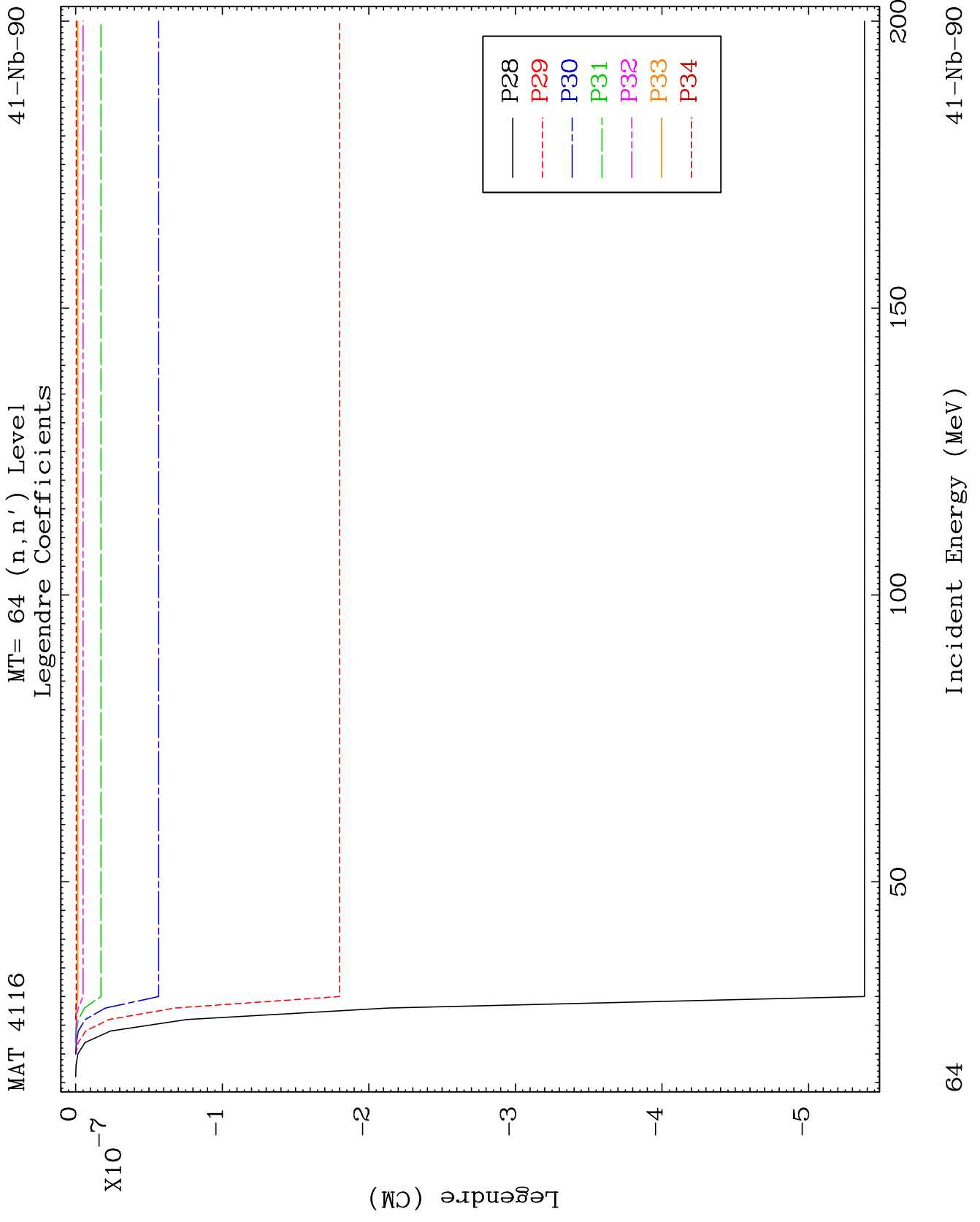


62

Incident Energy (MeV)

41-Nb-90

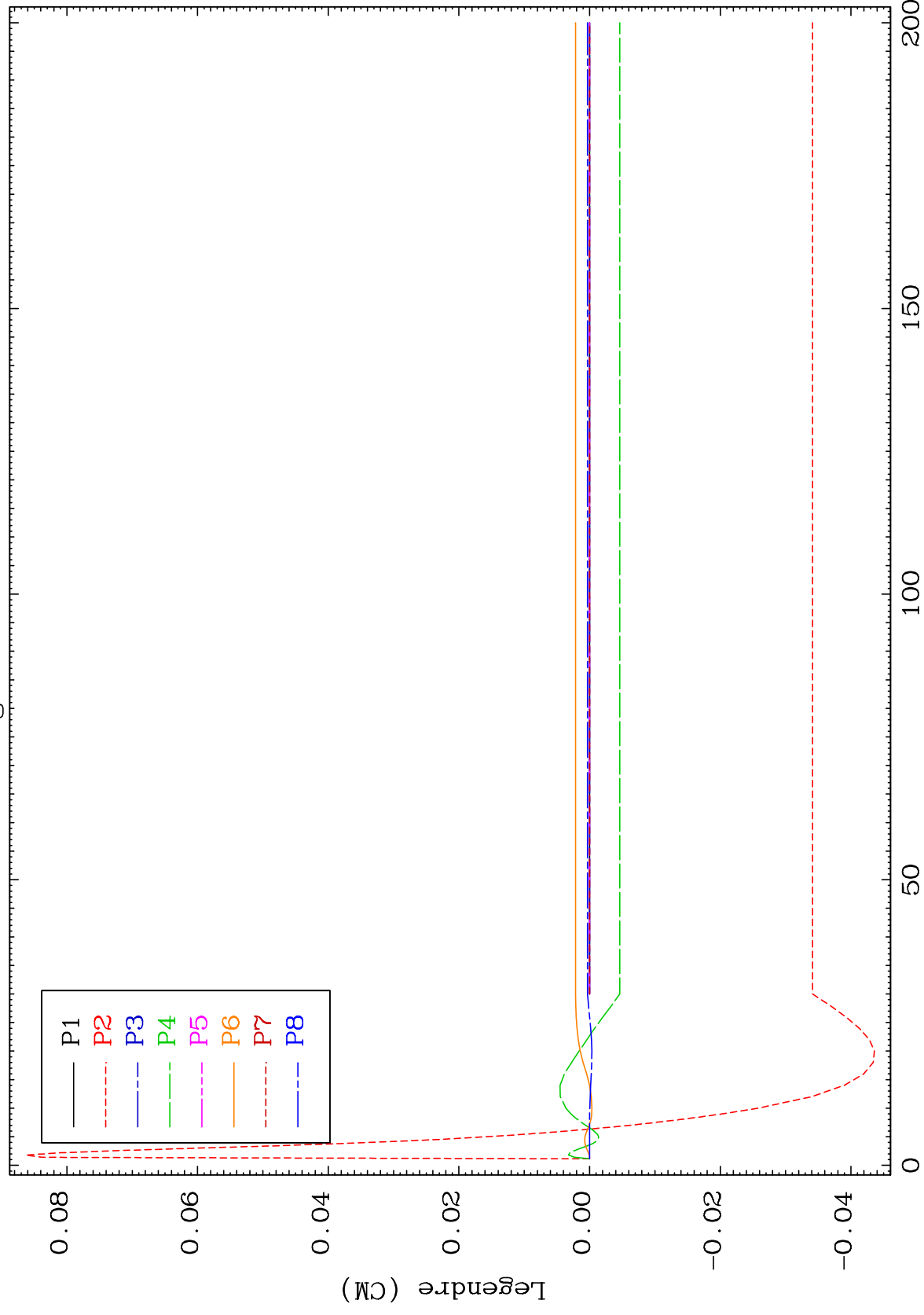




MAT 4116

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

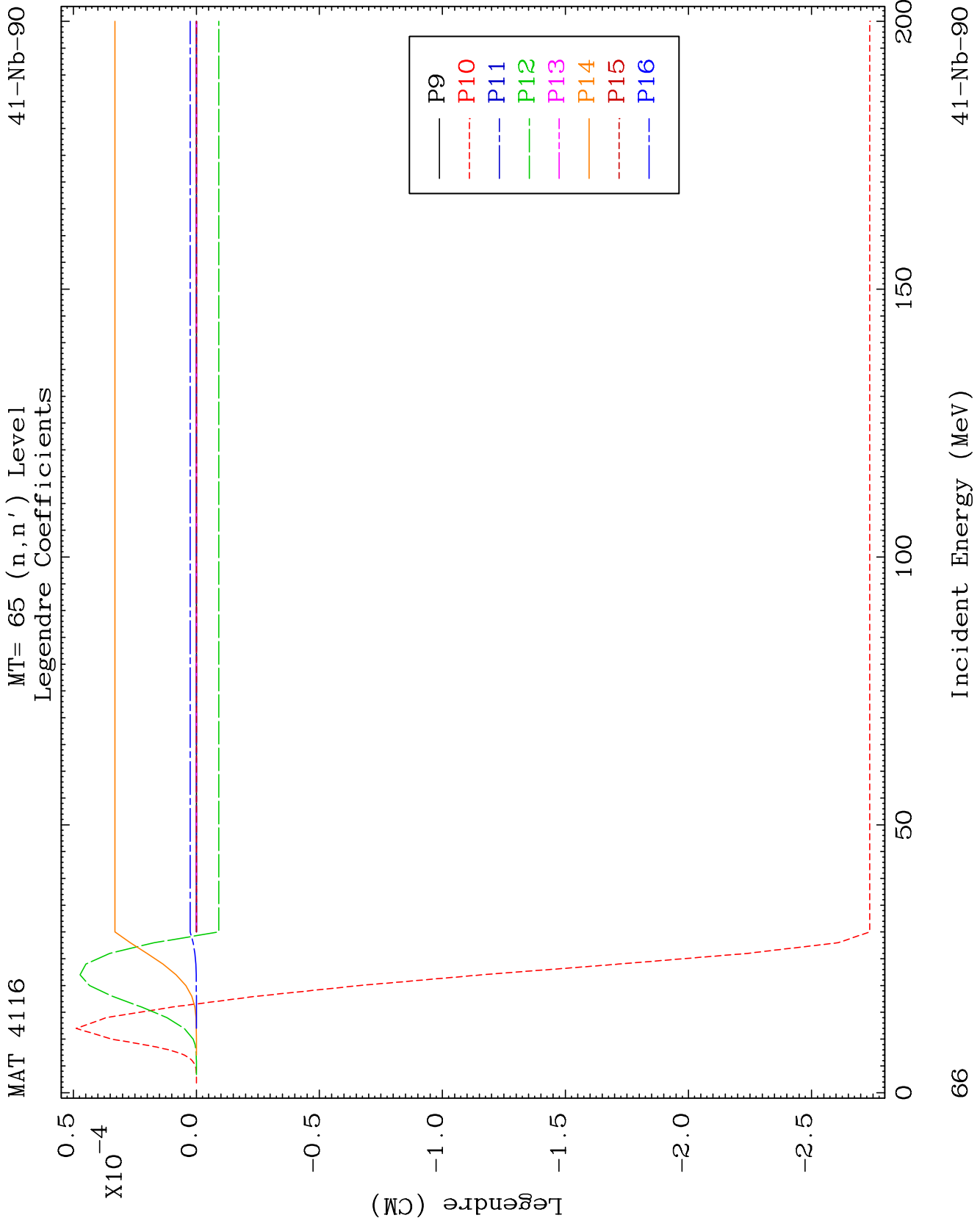
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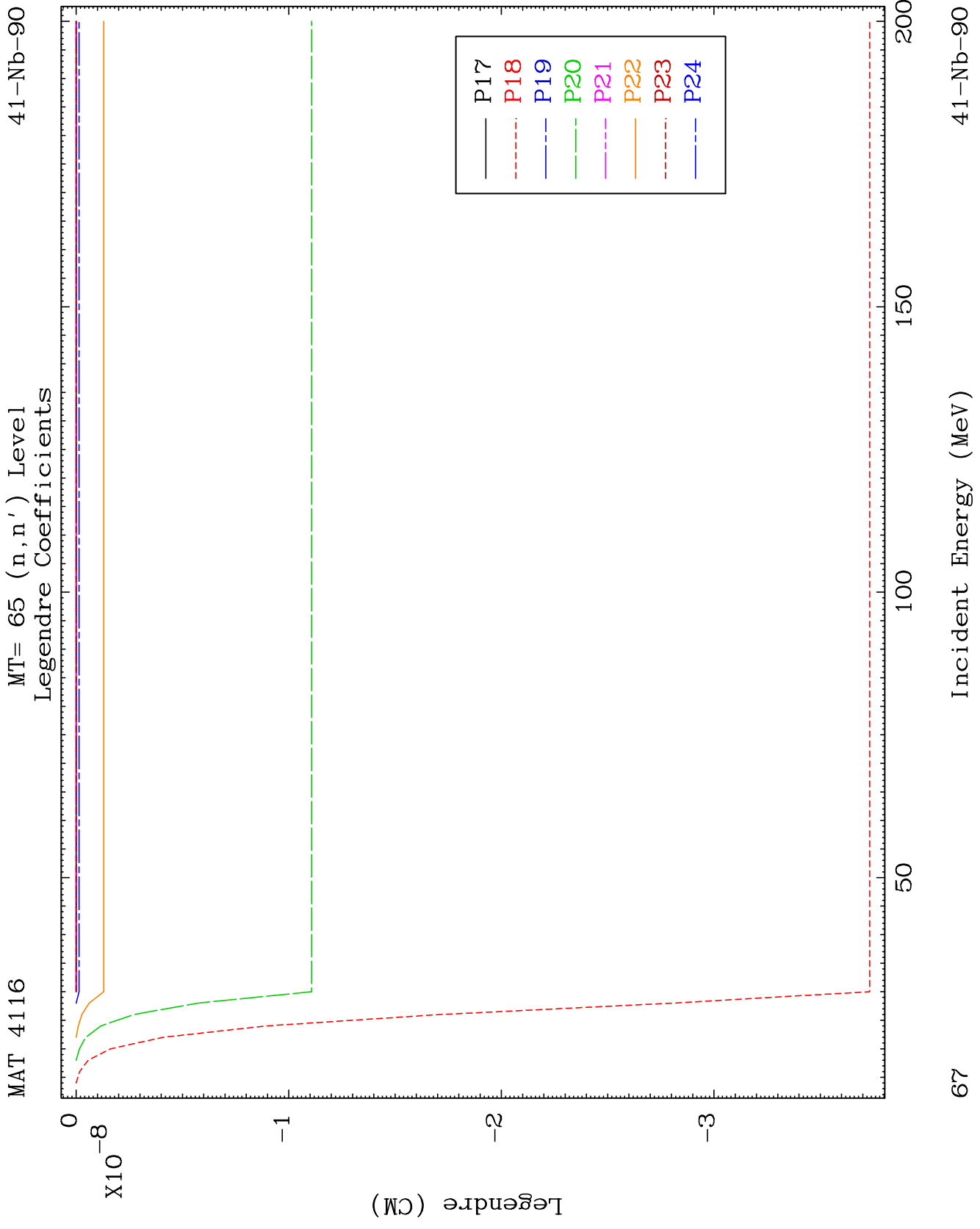


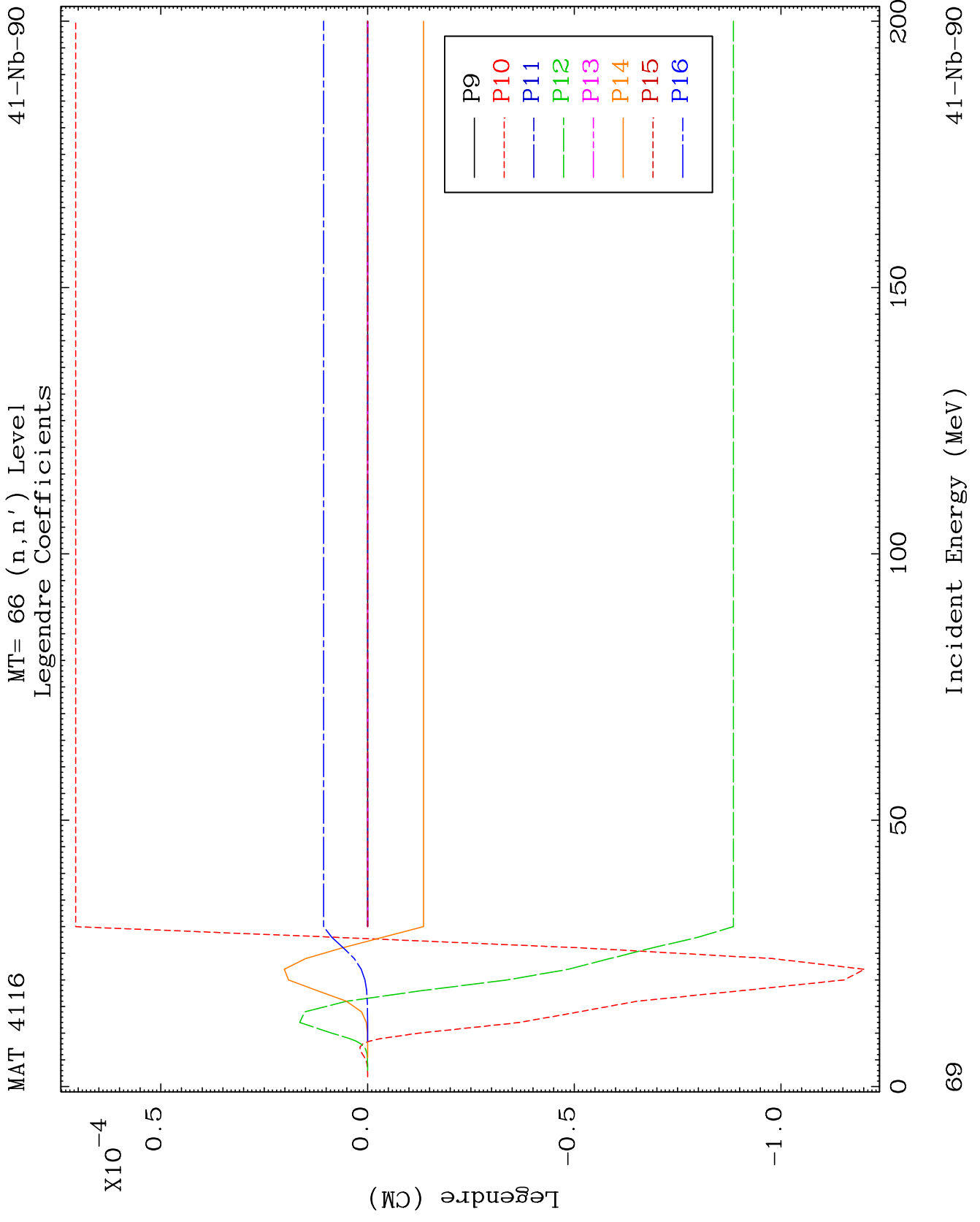
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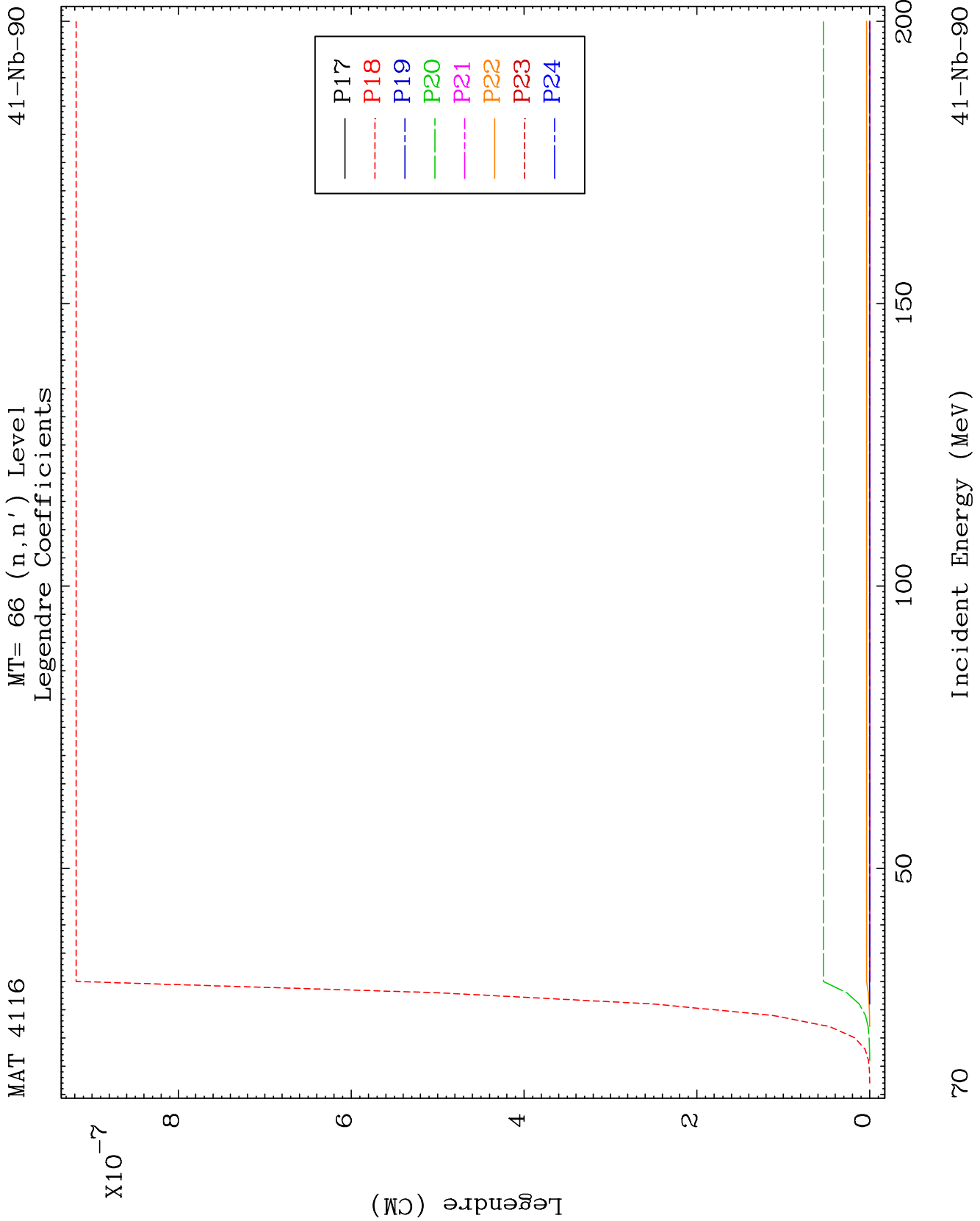
Incident Energy (MeV)

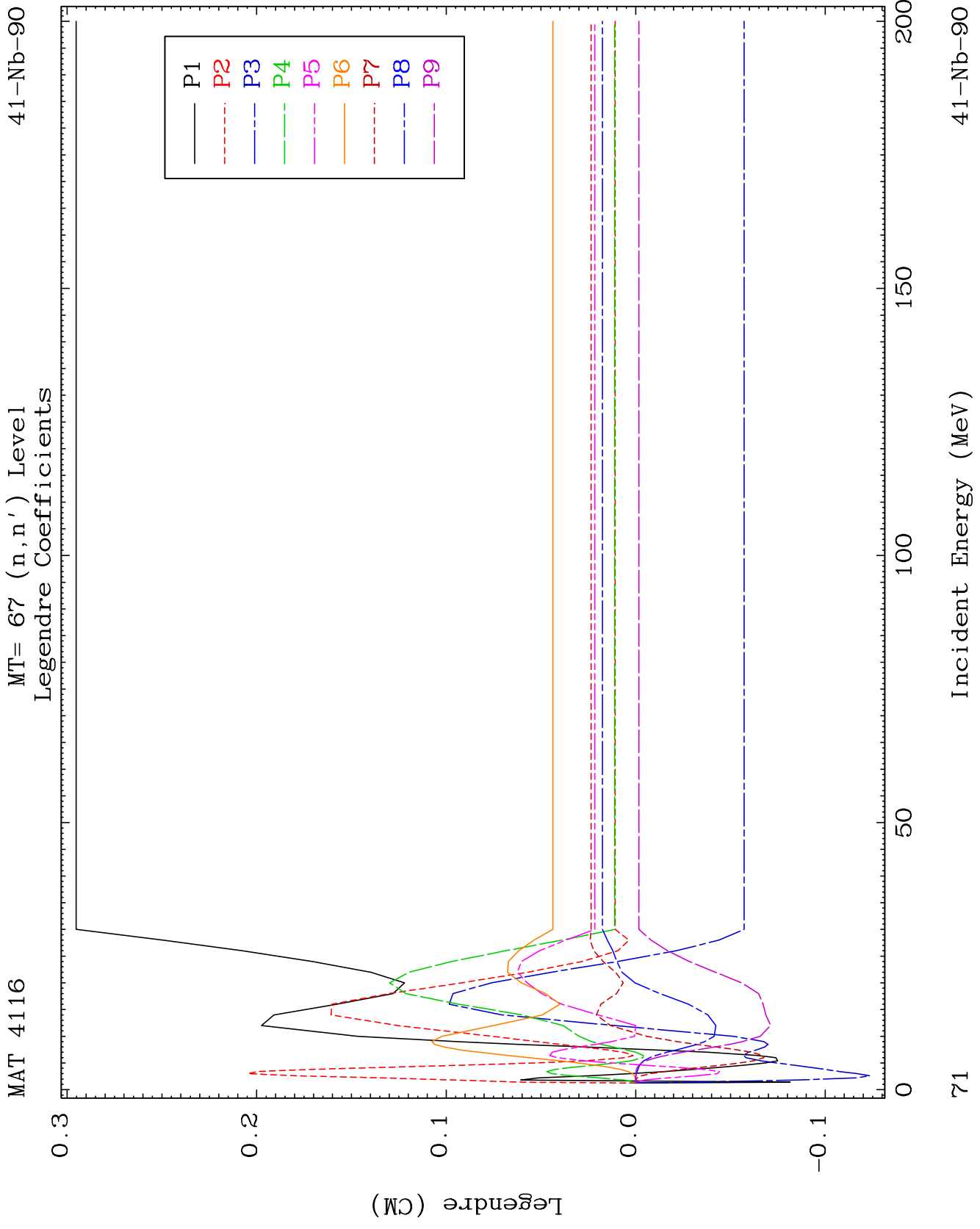
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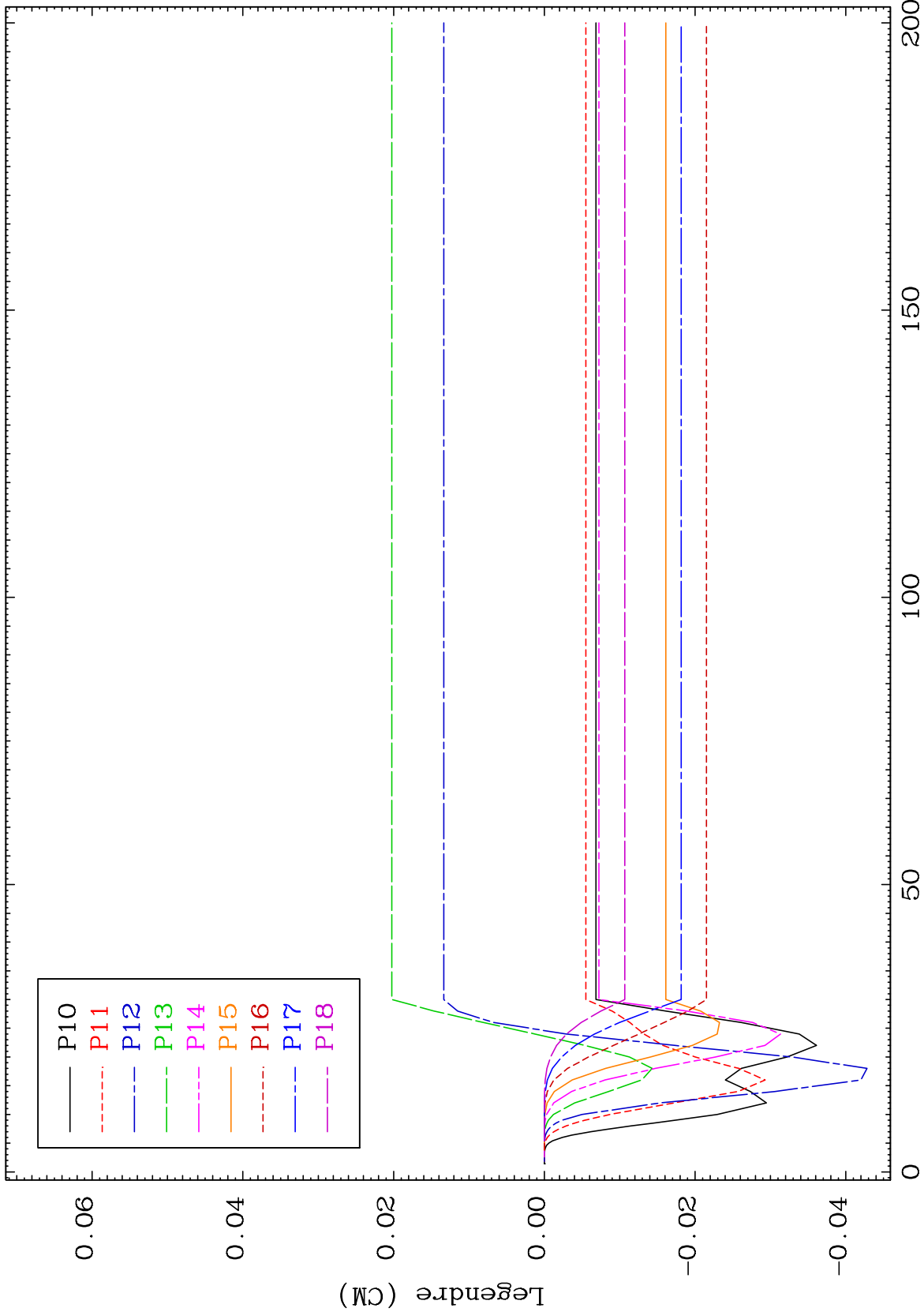




MAT 4116

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

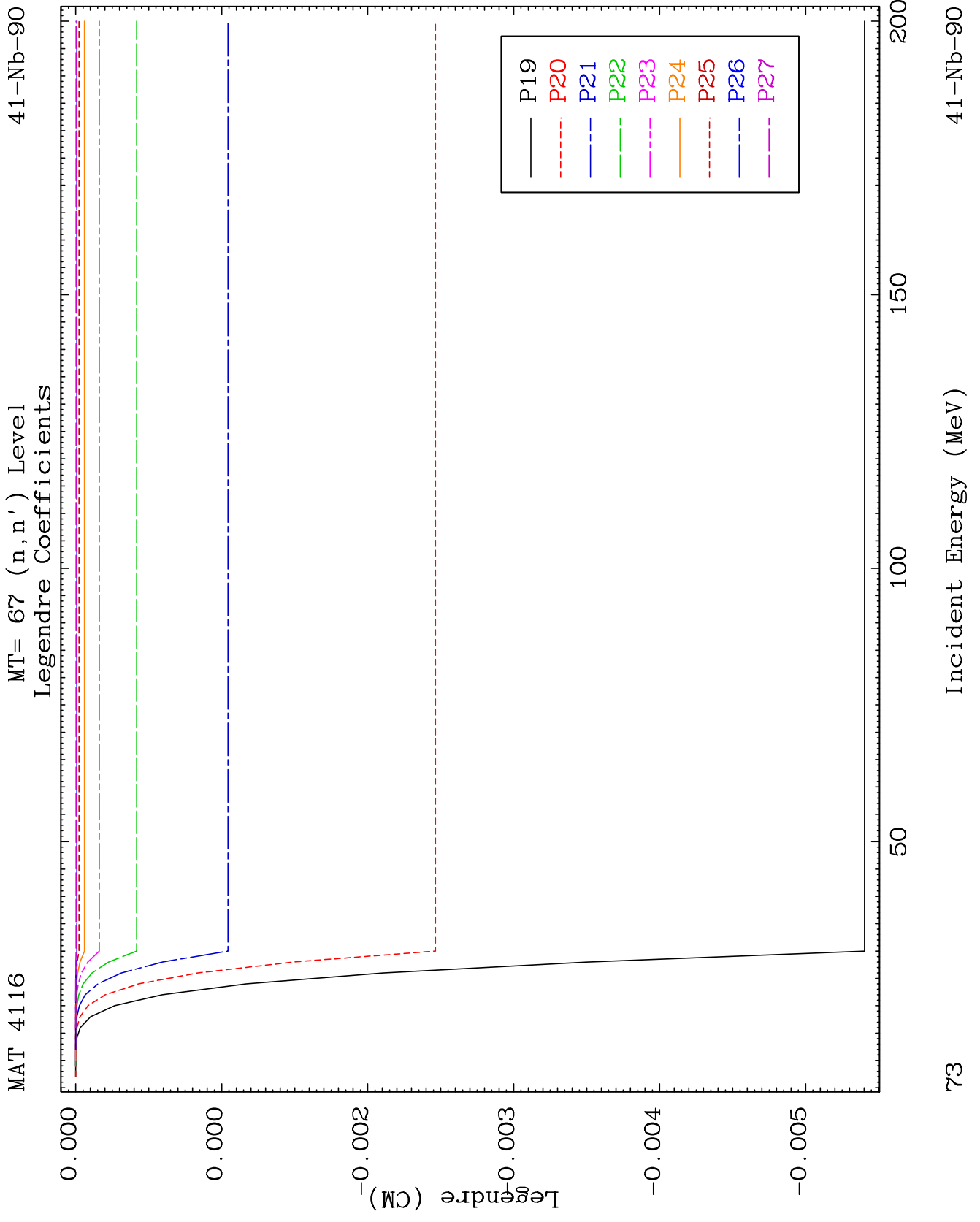
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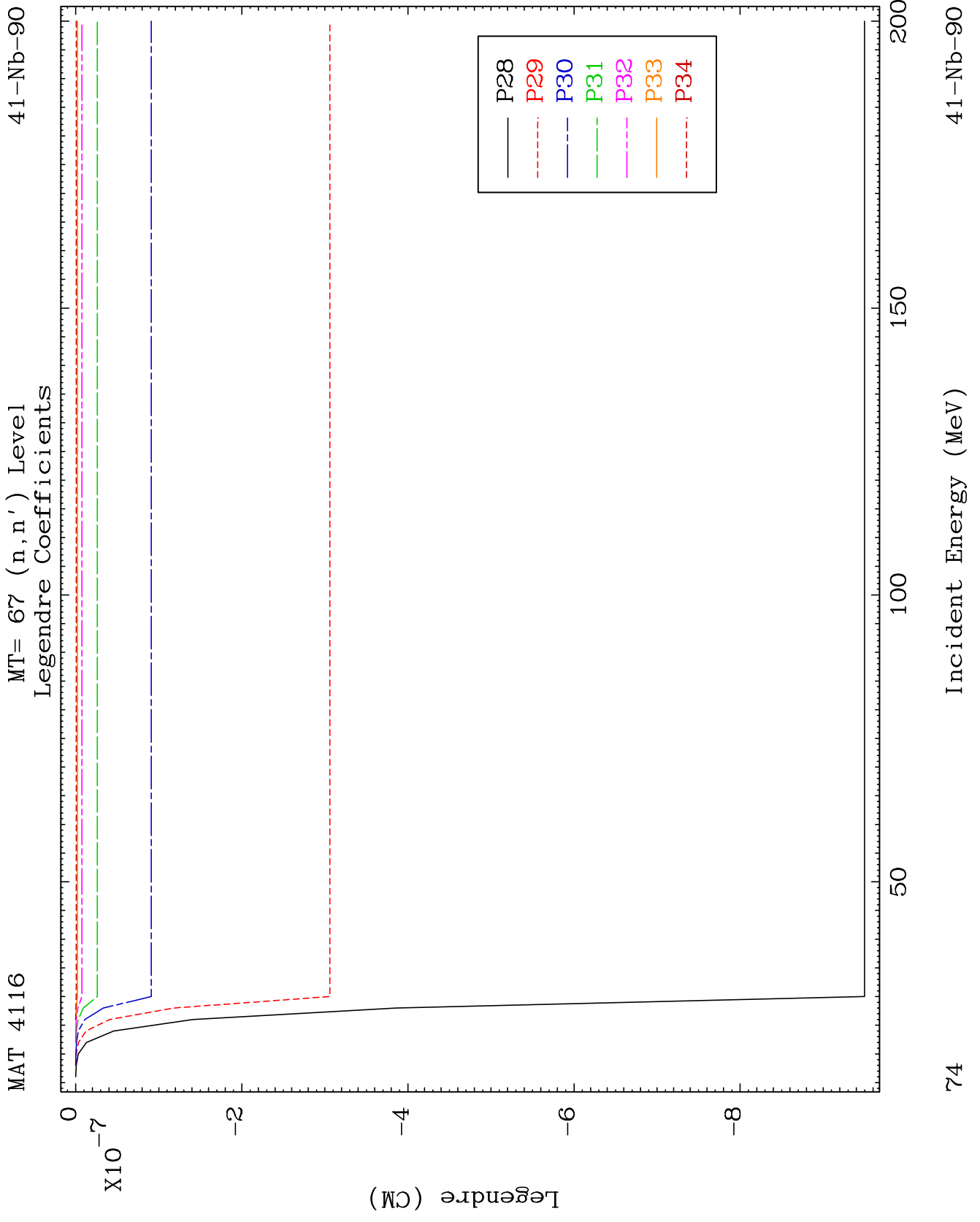


72

Incident Energy (MeV)

41-Nb-90

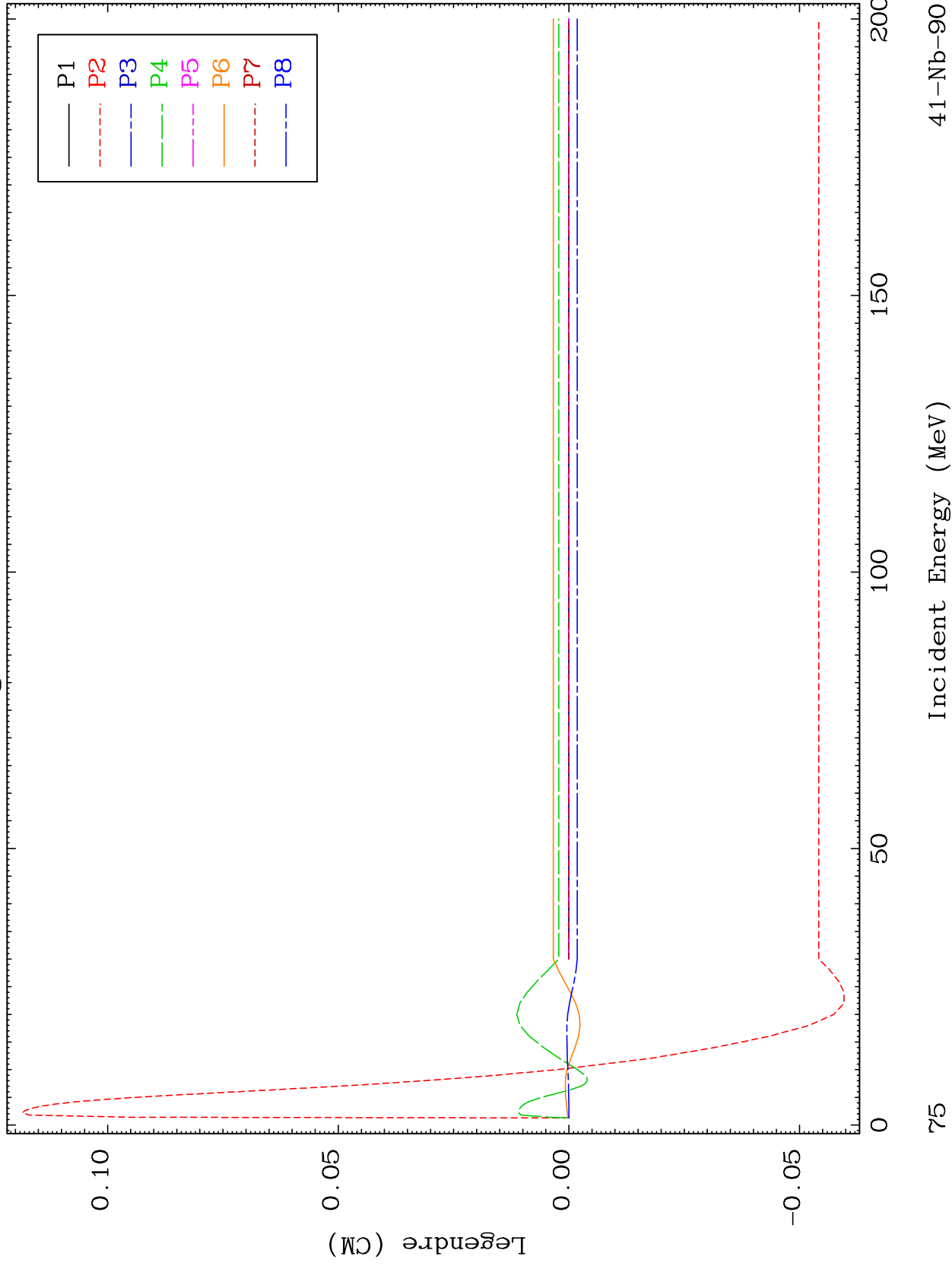


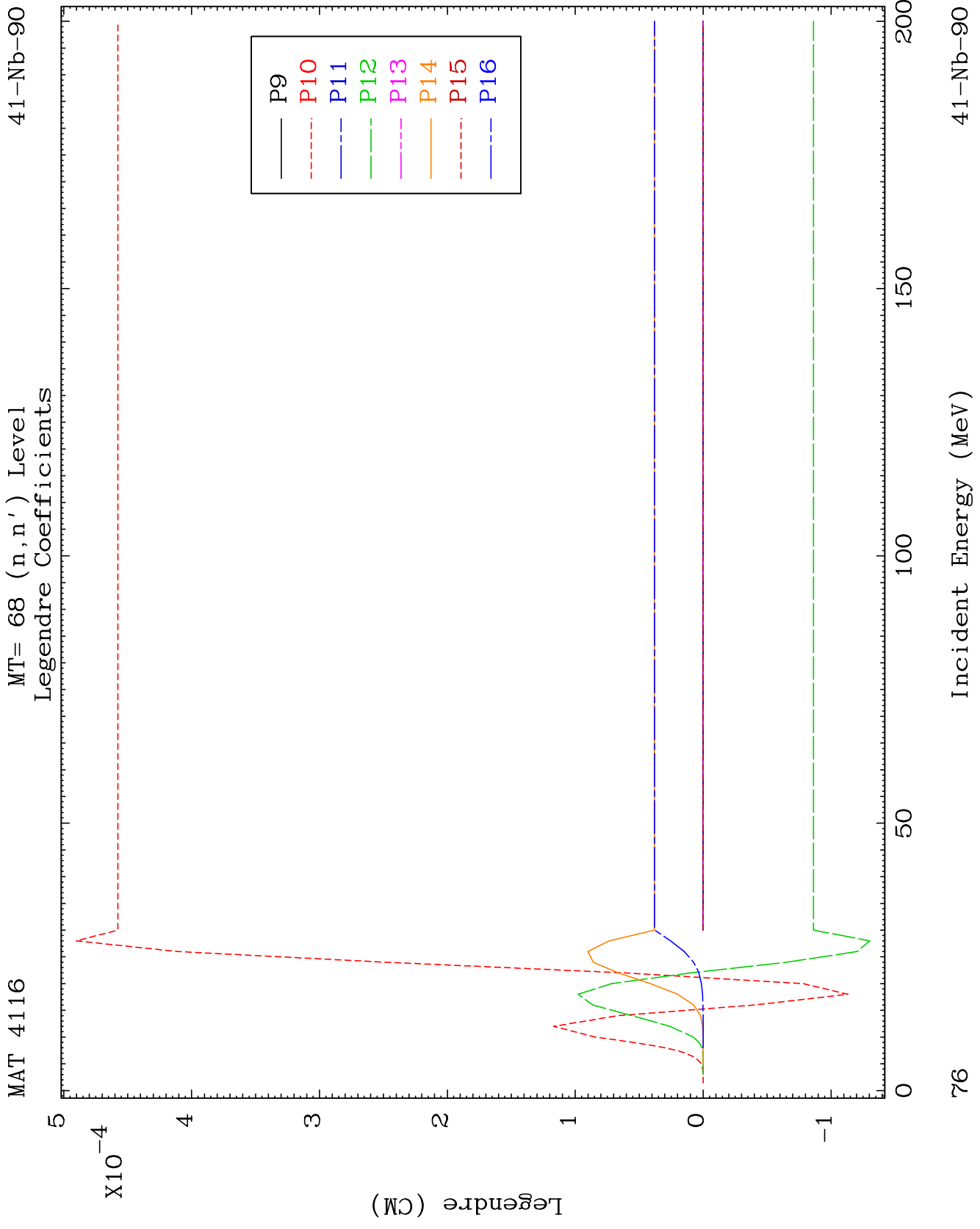


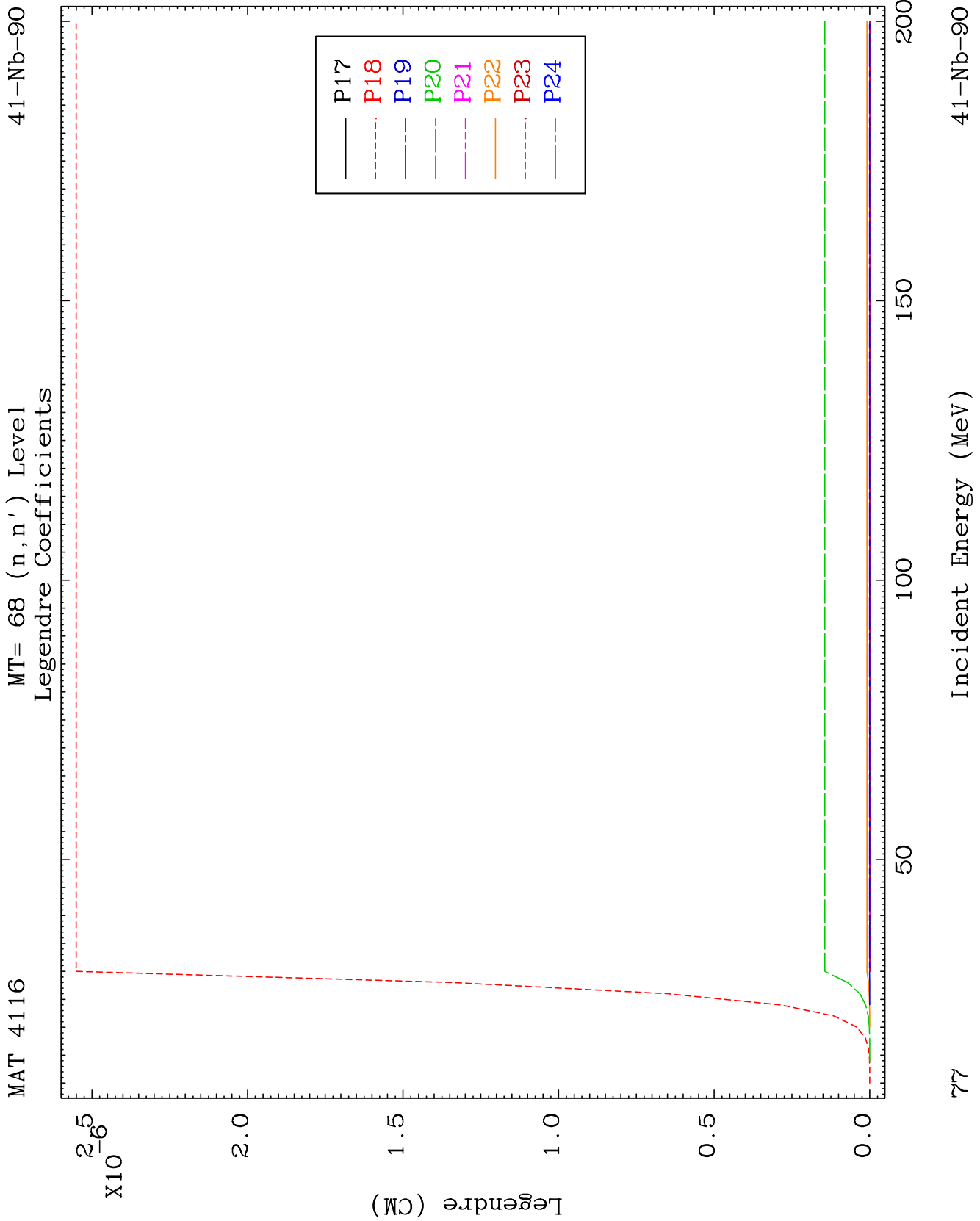
MAT 4116

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

41-Nb-90



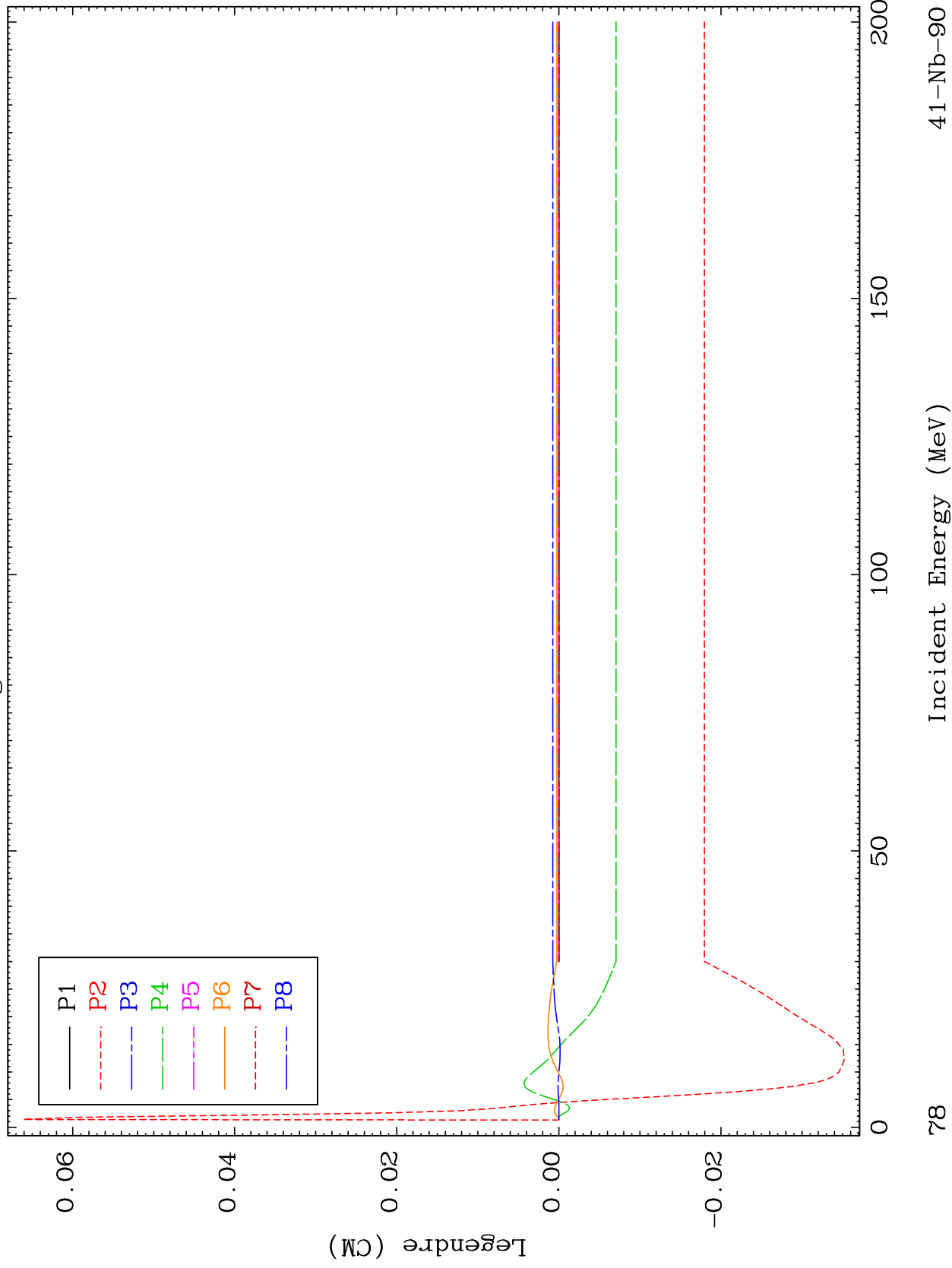




MAT 4116

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

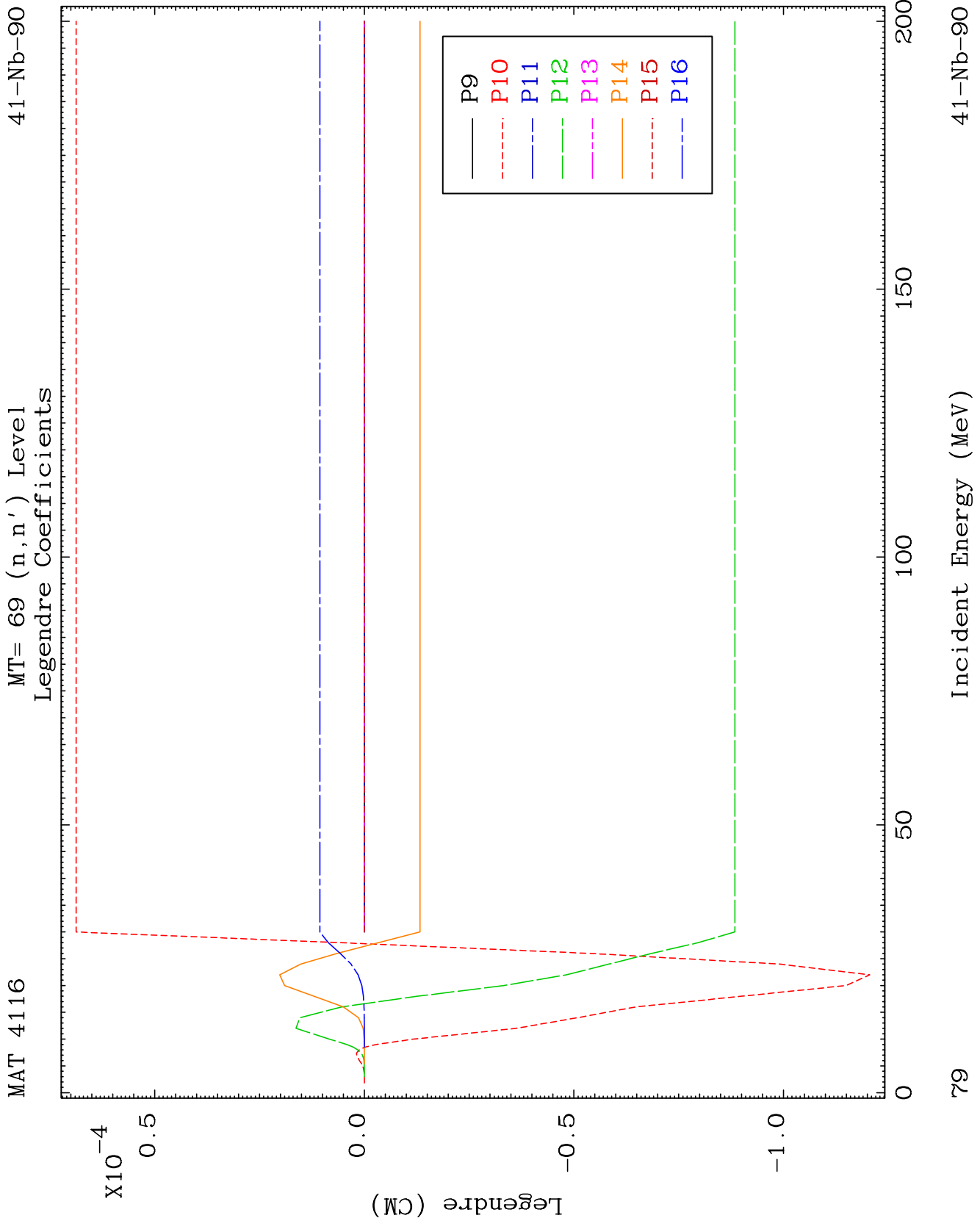
41-Nb-90

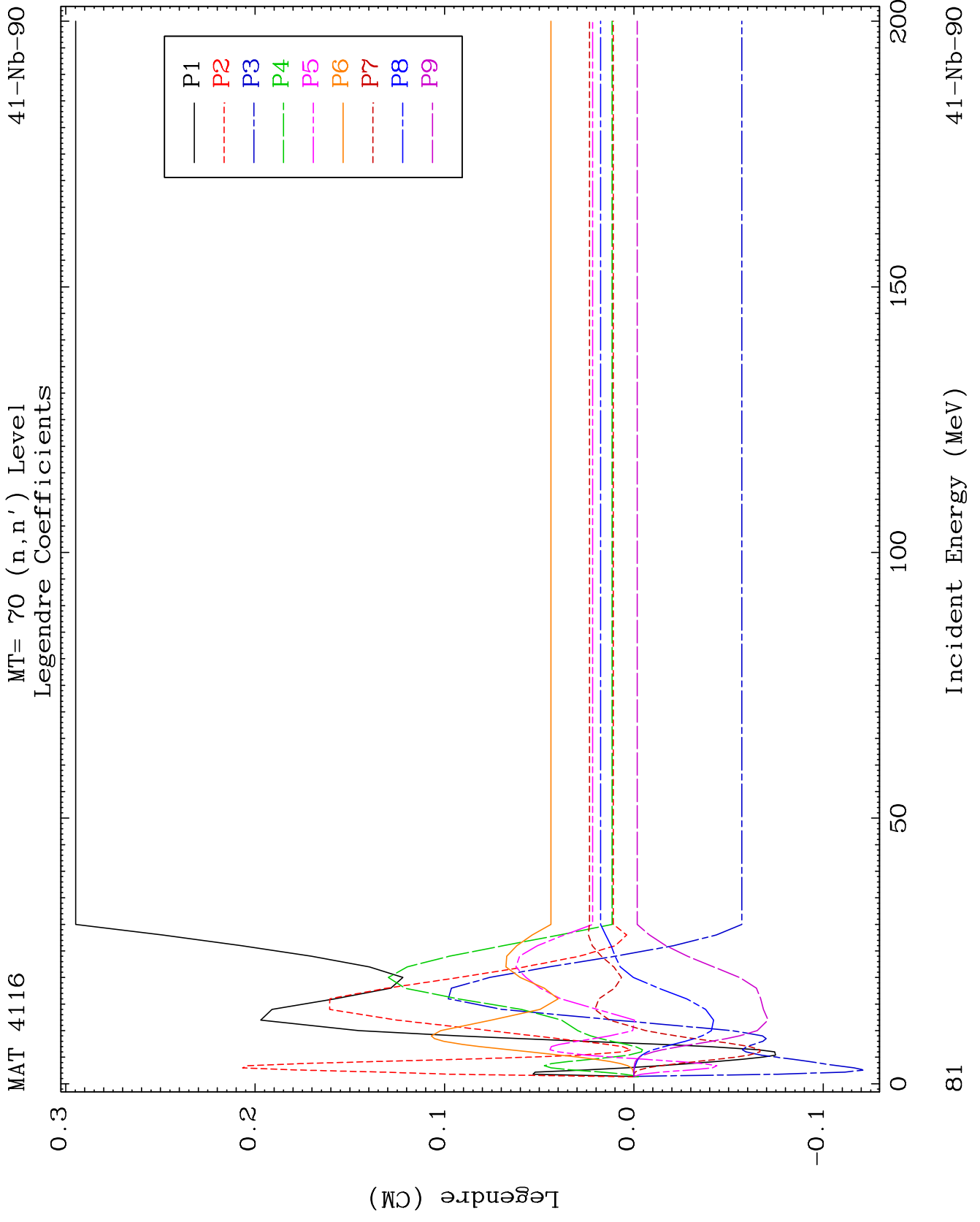


41-Nb-90

Incident Energy (MeV)

78

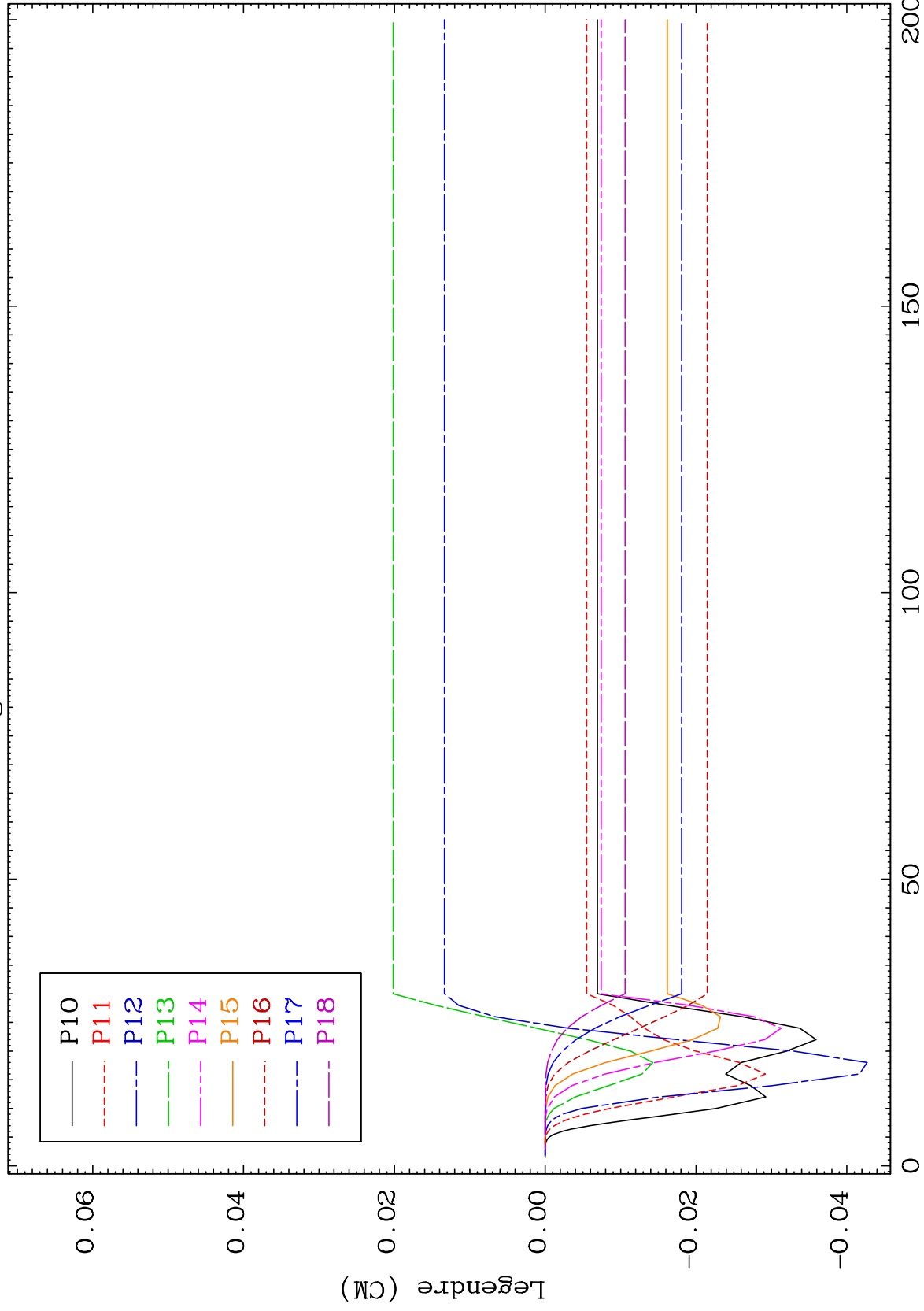




MAT 4116

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

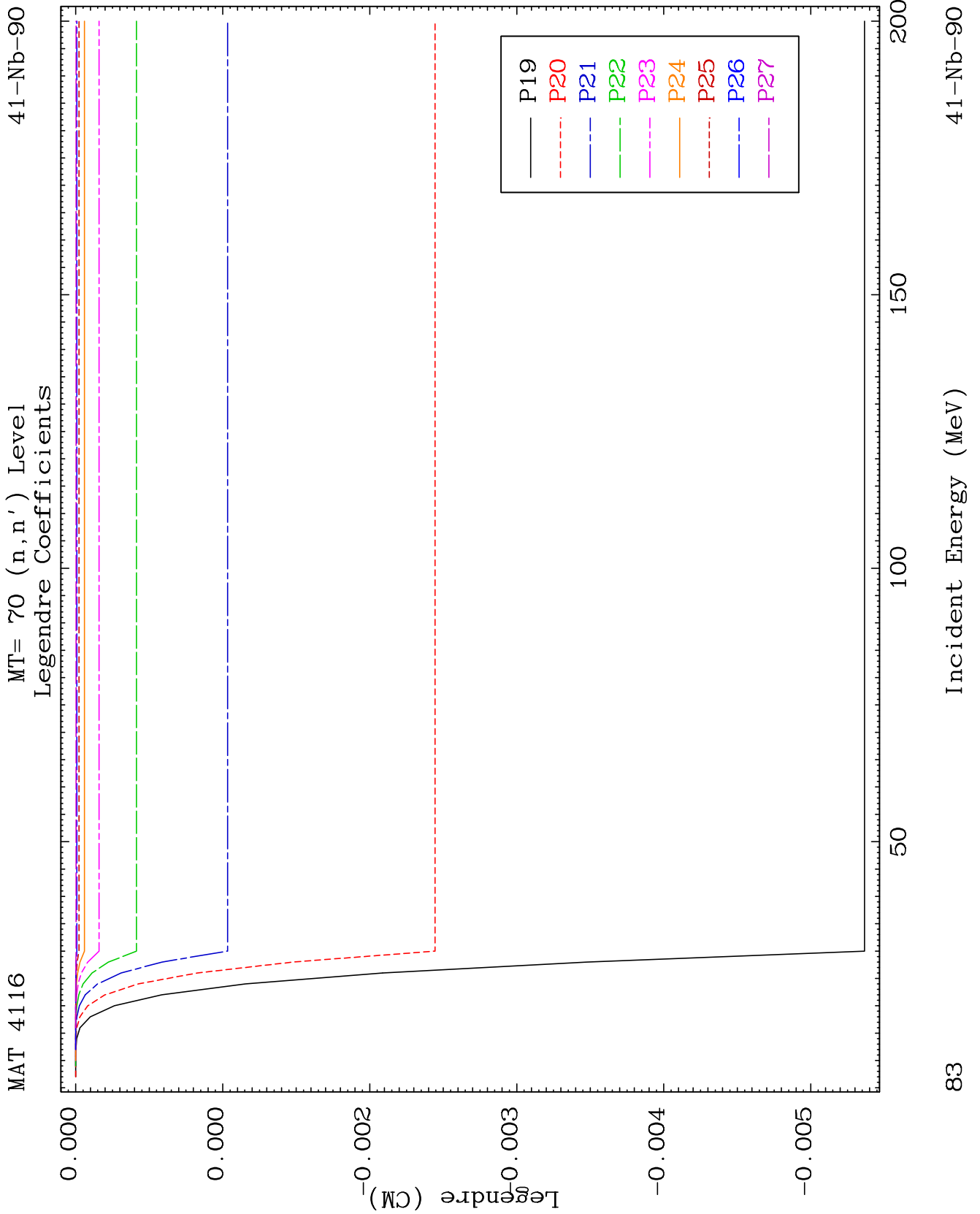
41-Nb-90

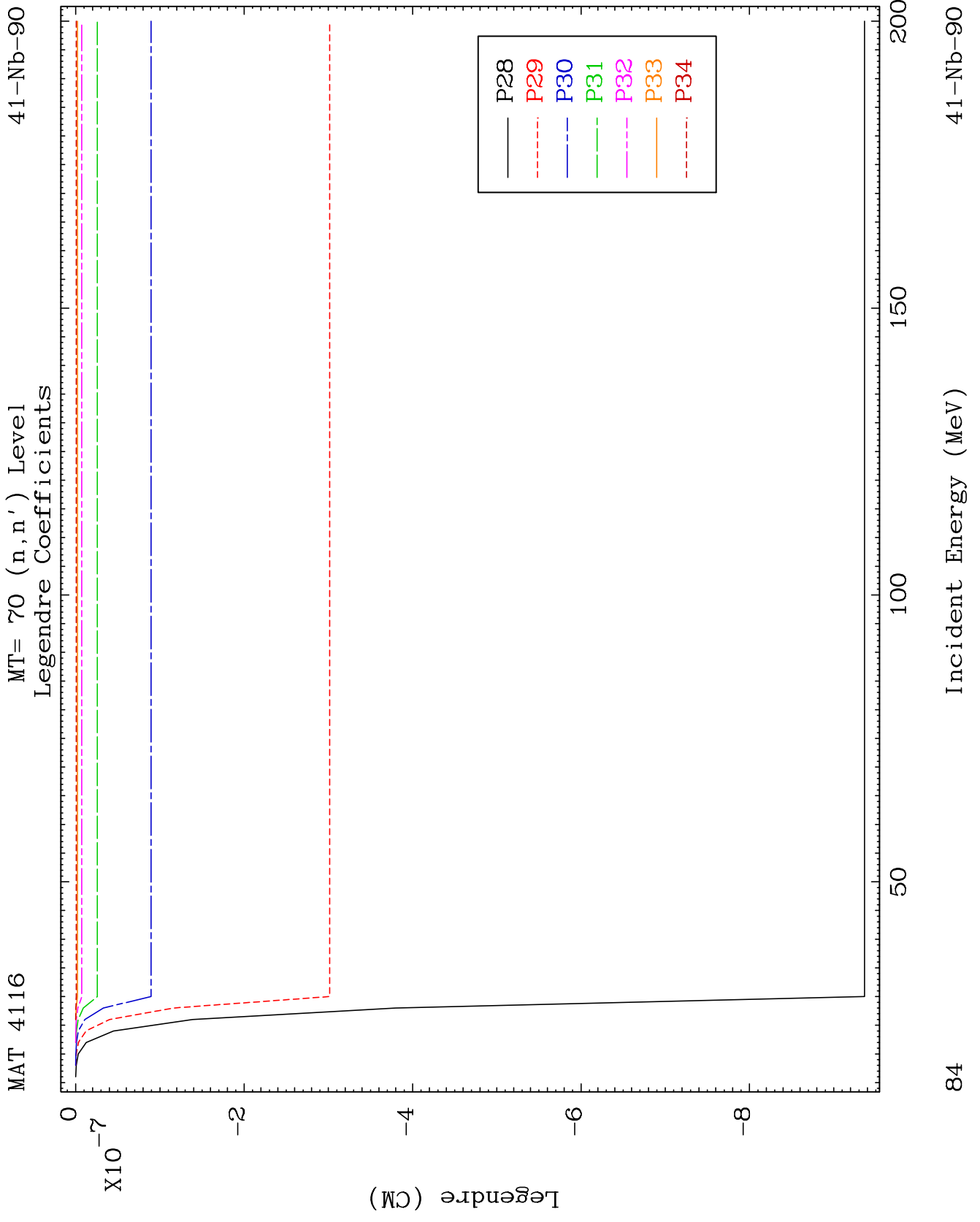


82

Incident Energy (MeV)

41-Nb-90

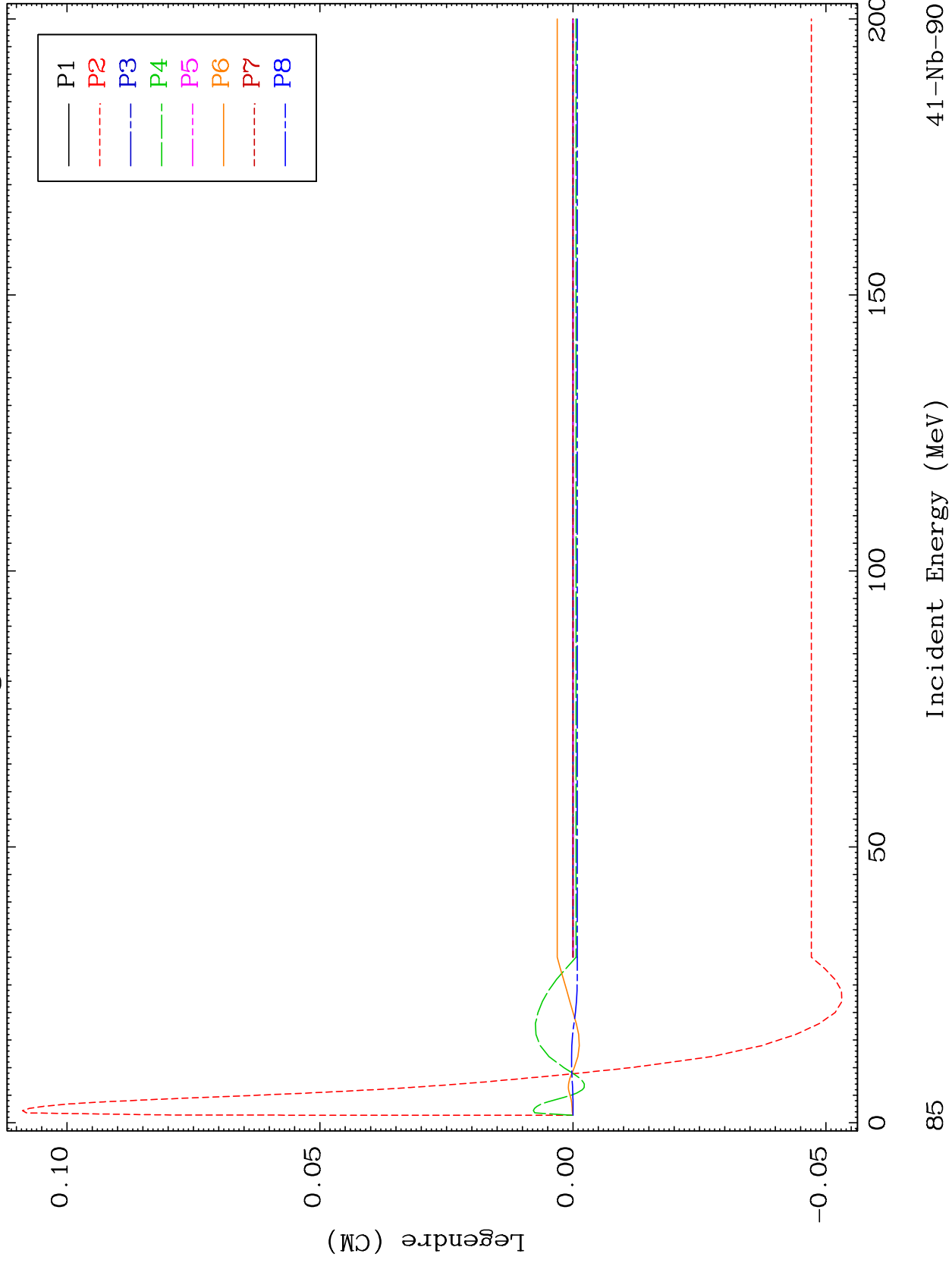


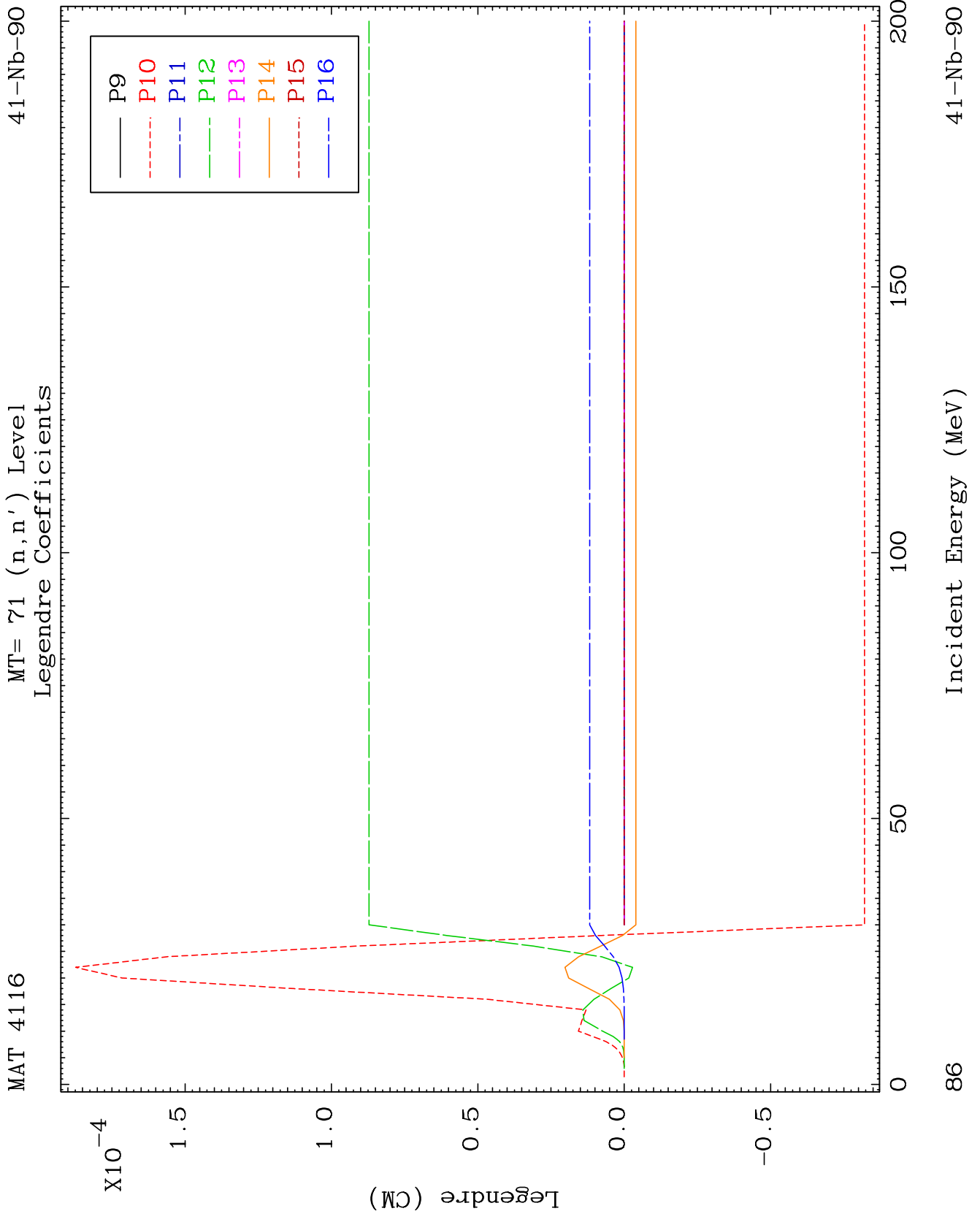


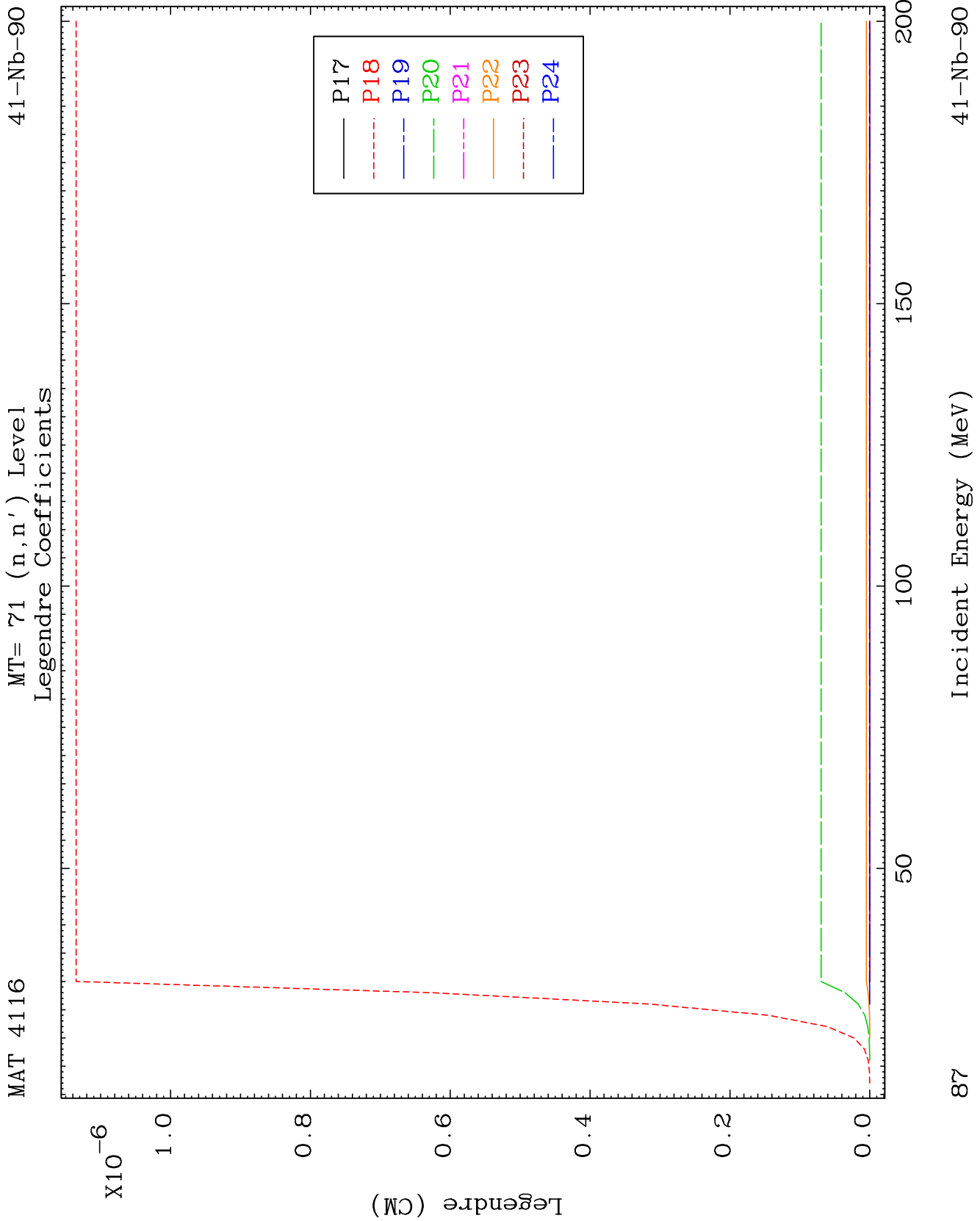
MAT 4116

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

41-Nb-90



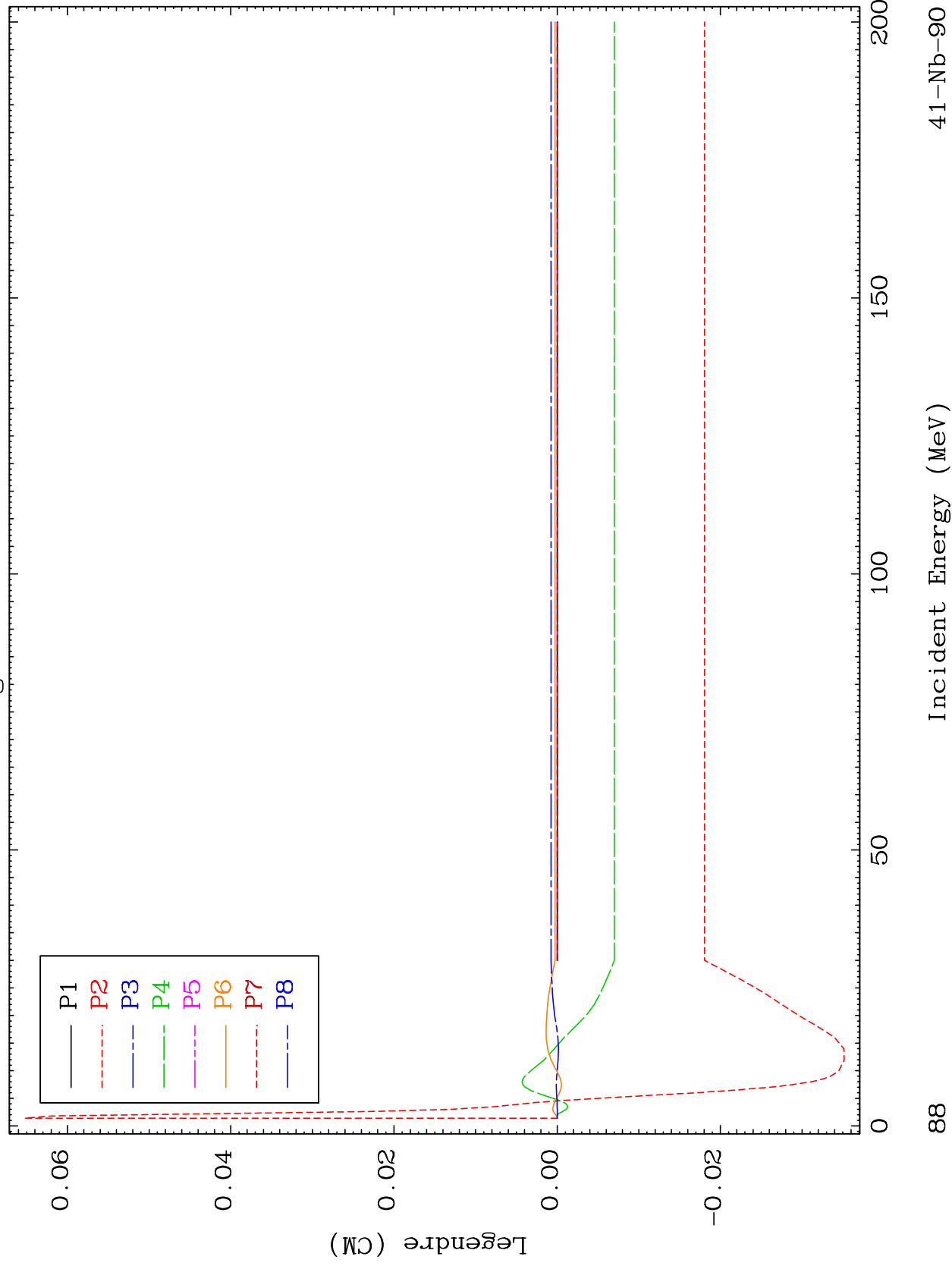




MAT 4116

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

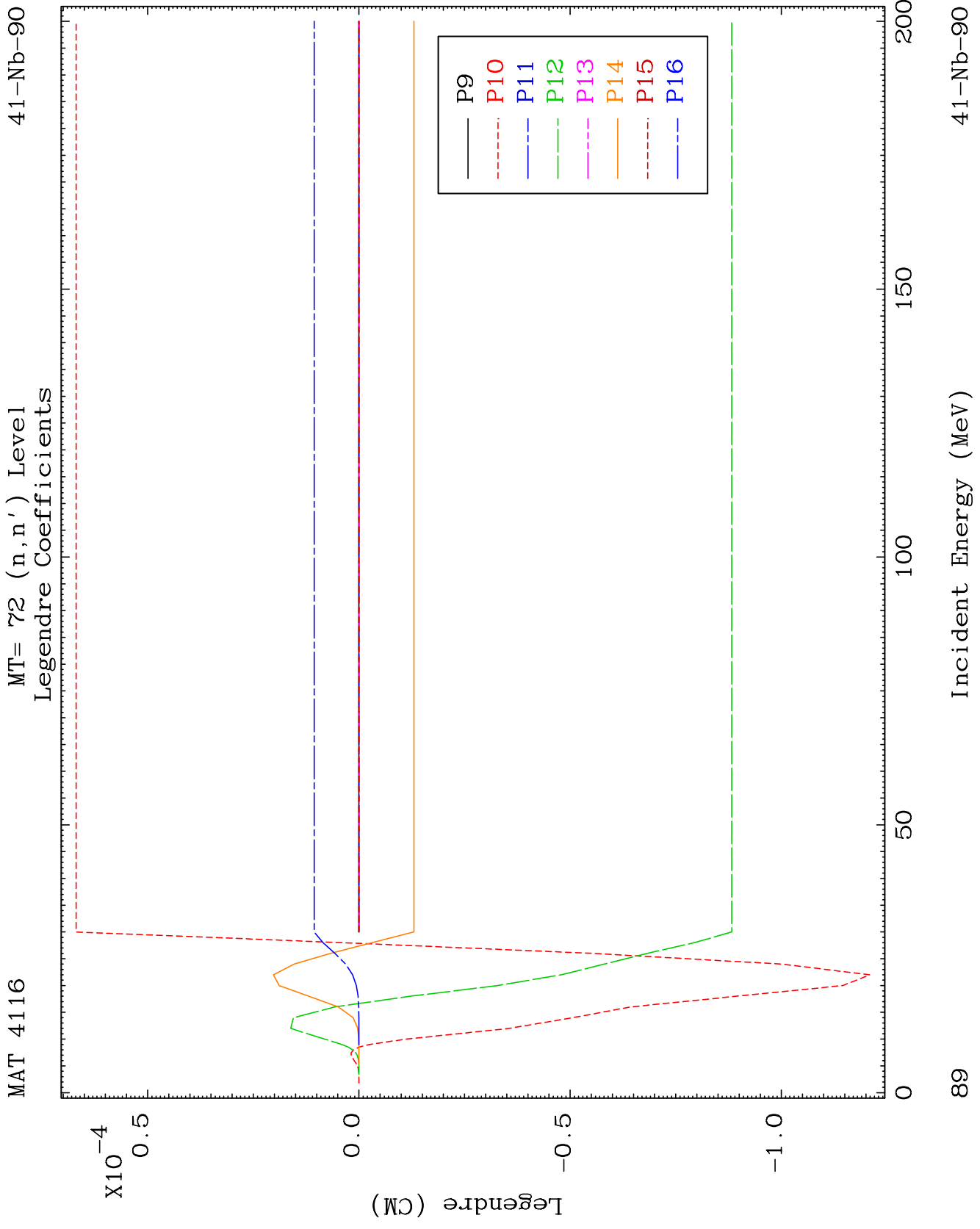
41-Nb-90



41-Nb-90

Incident Energy (MeV)

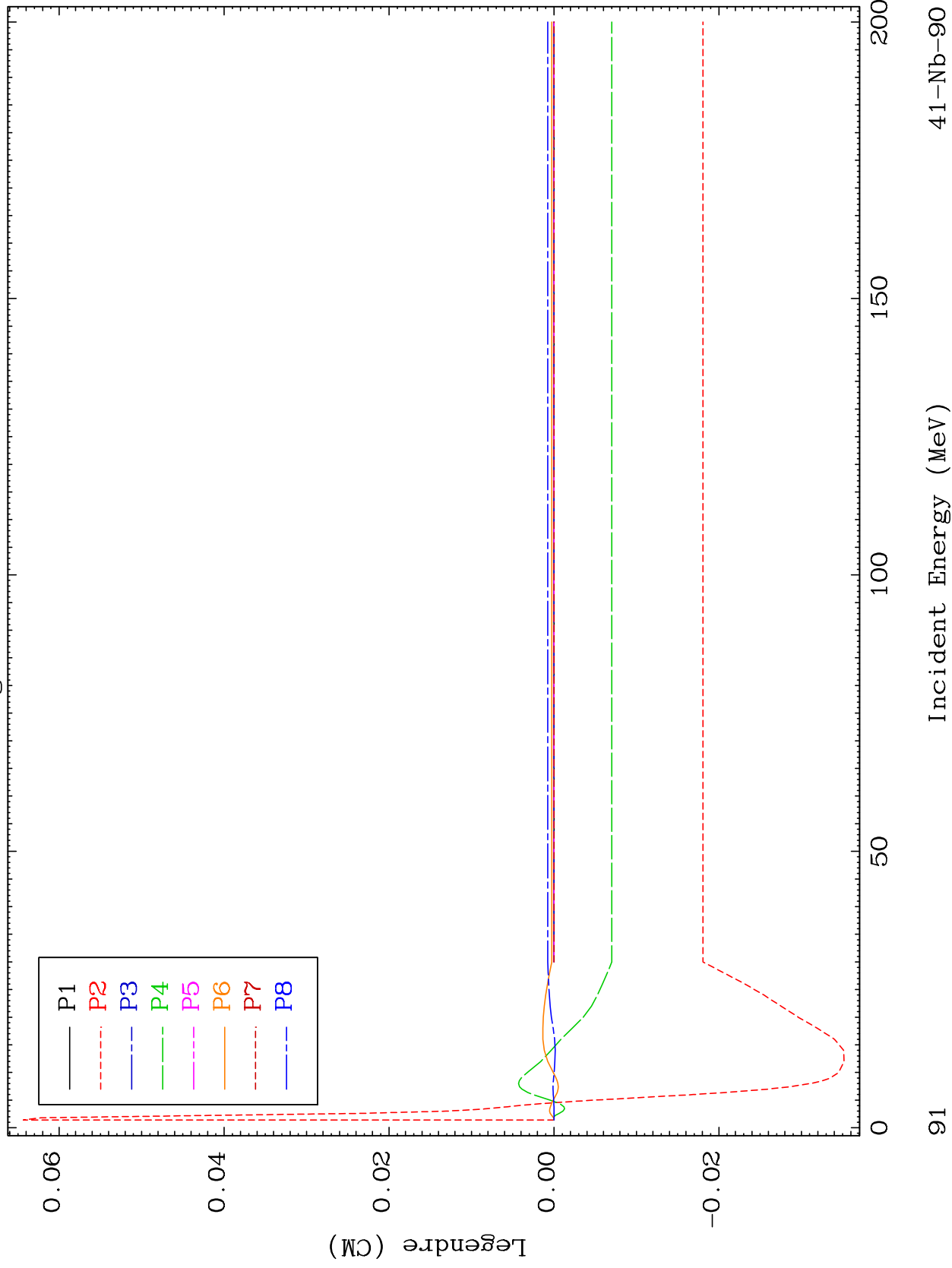
88

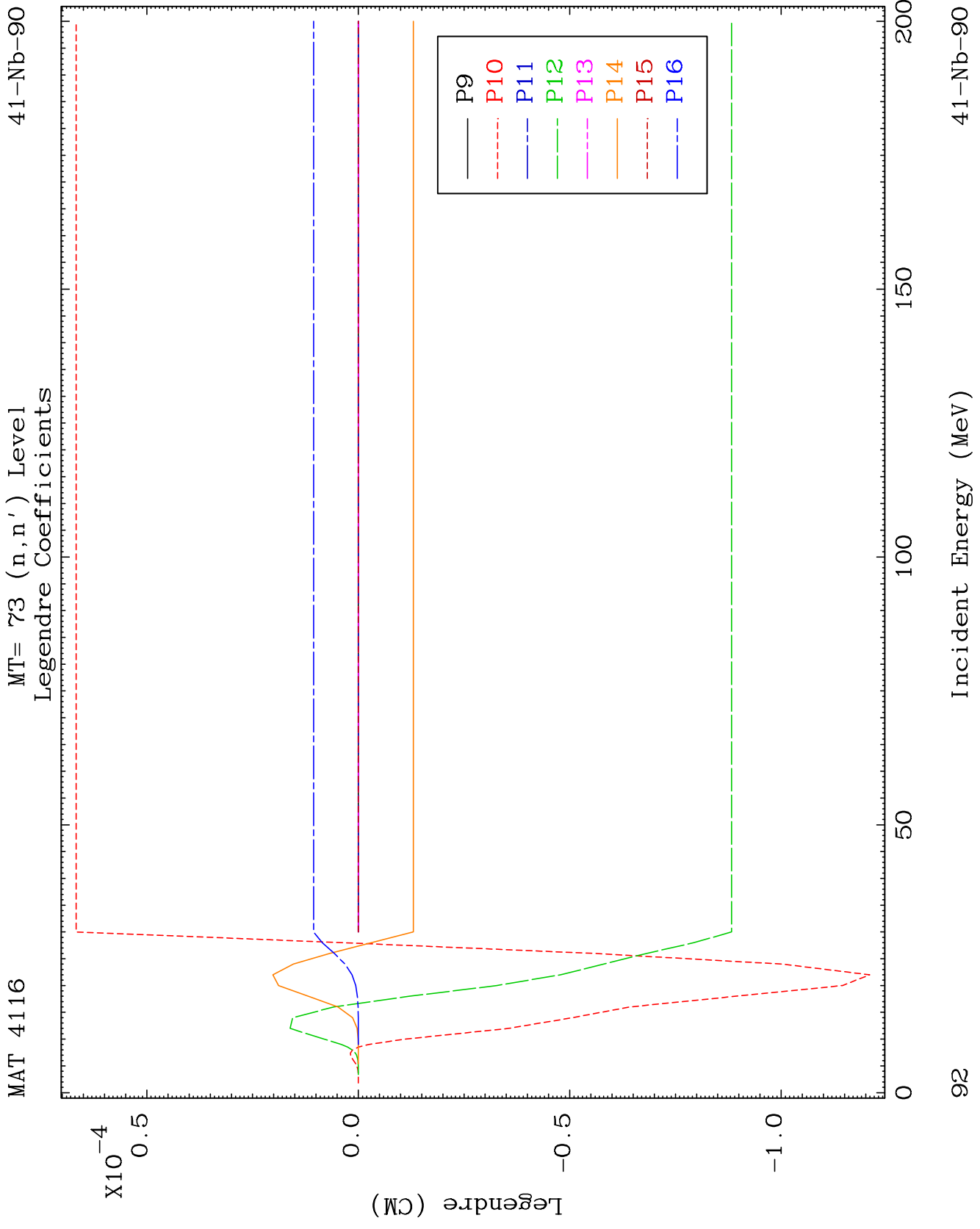


MAT 4116

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

41-Nb-90

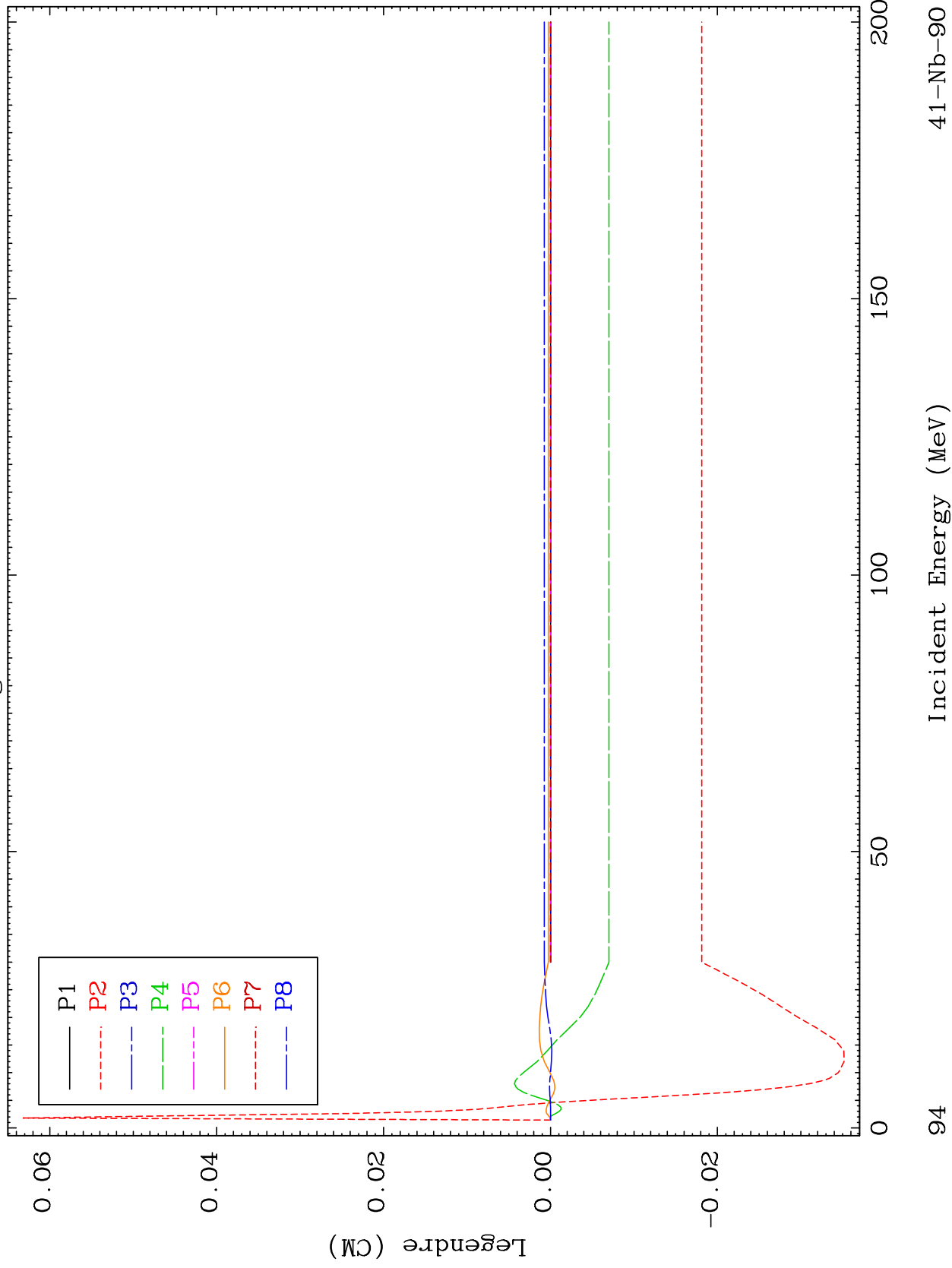


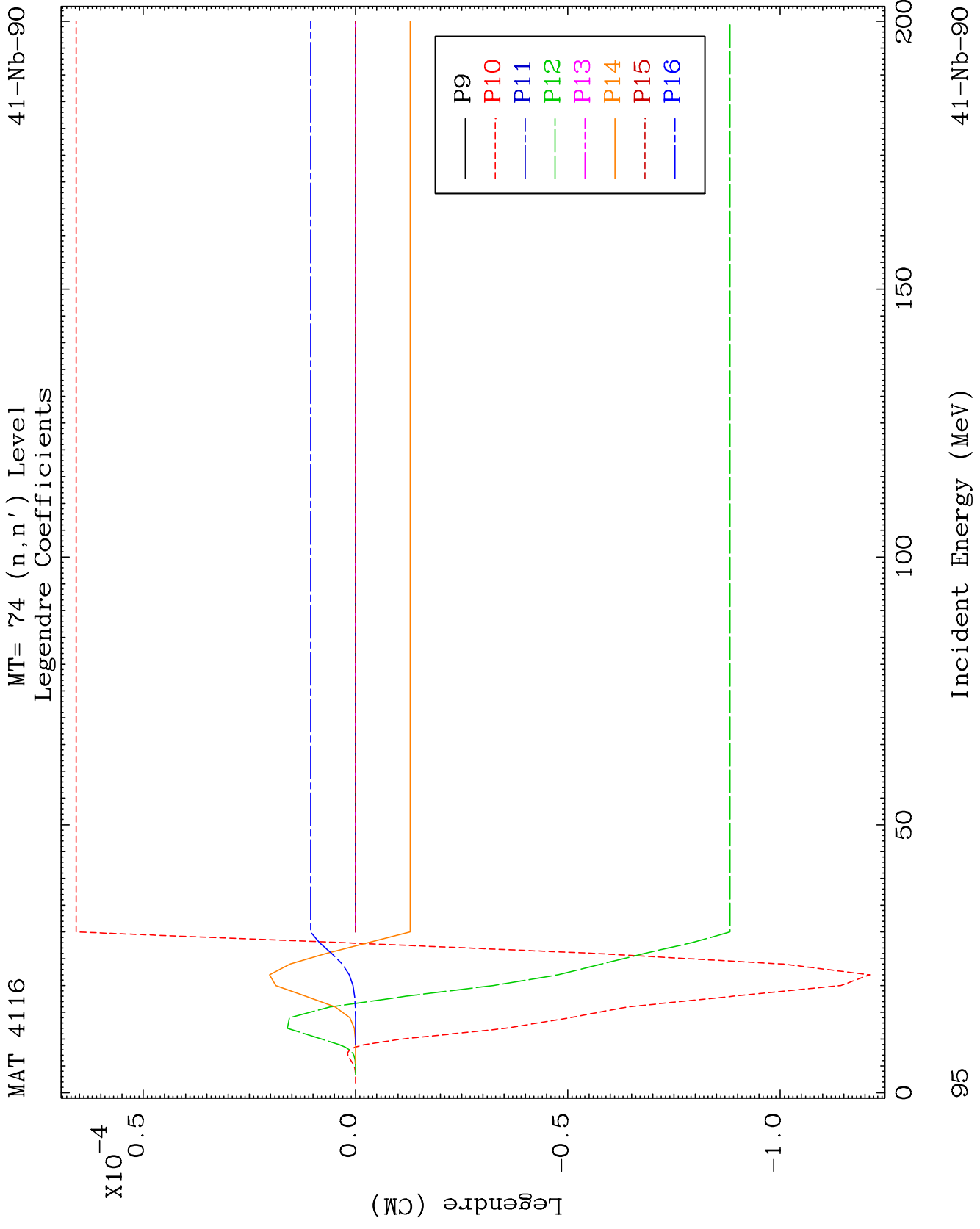


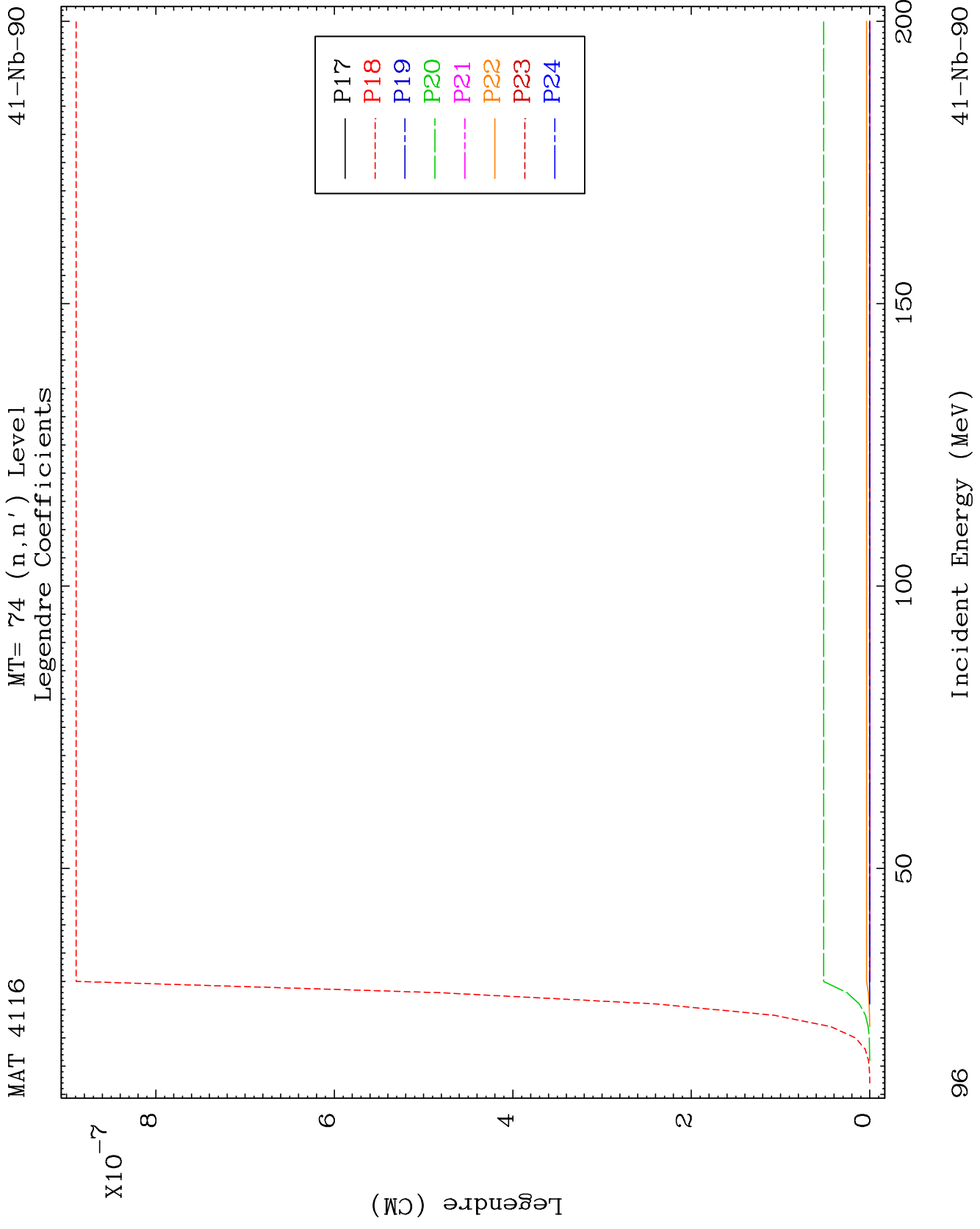
MAT 4116

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

41-Nb-90



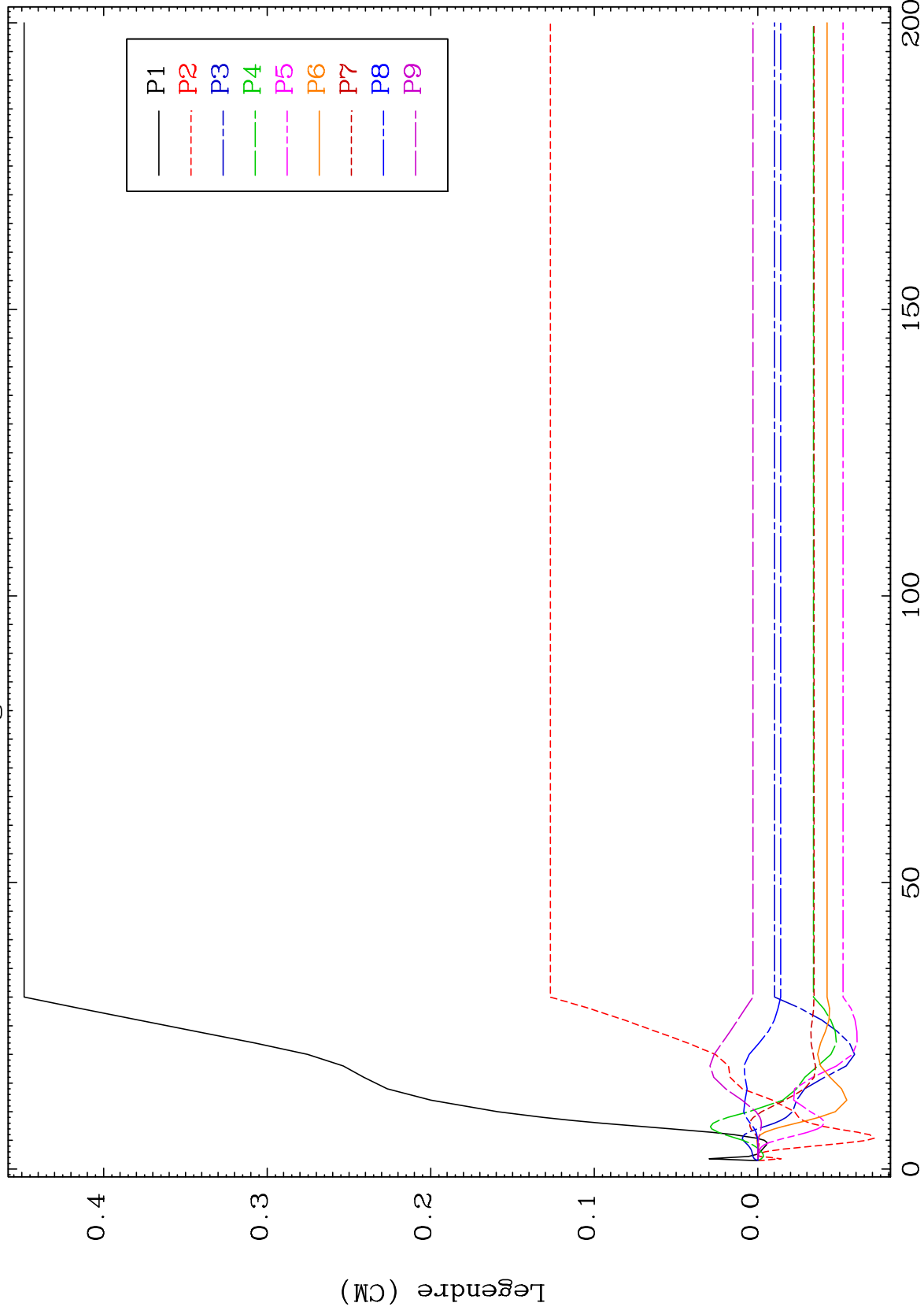




MAT 4116

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

41-Nb-90



97

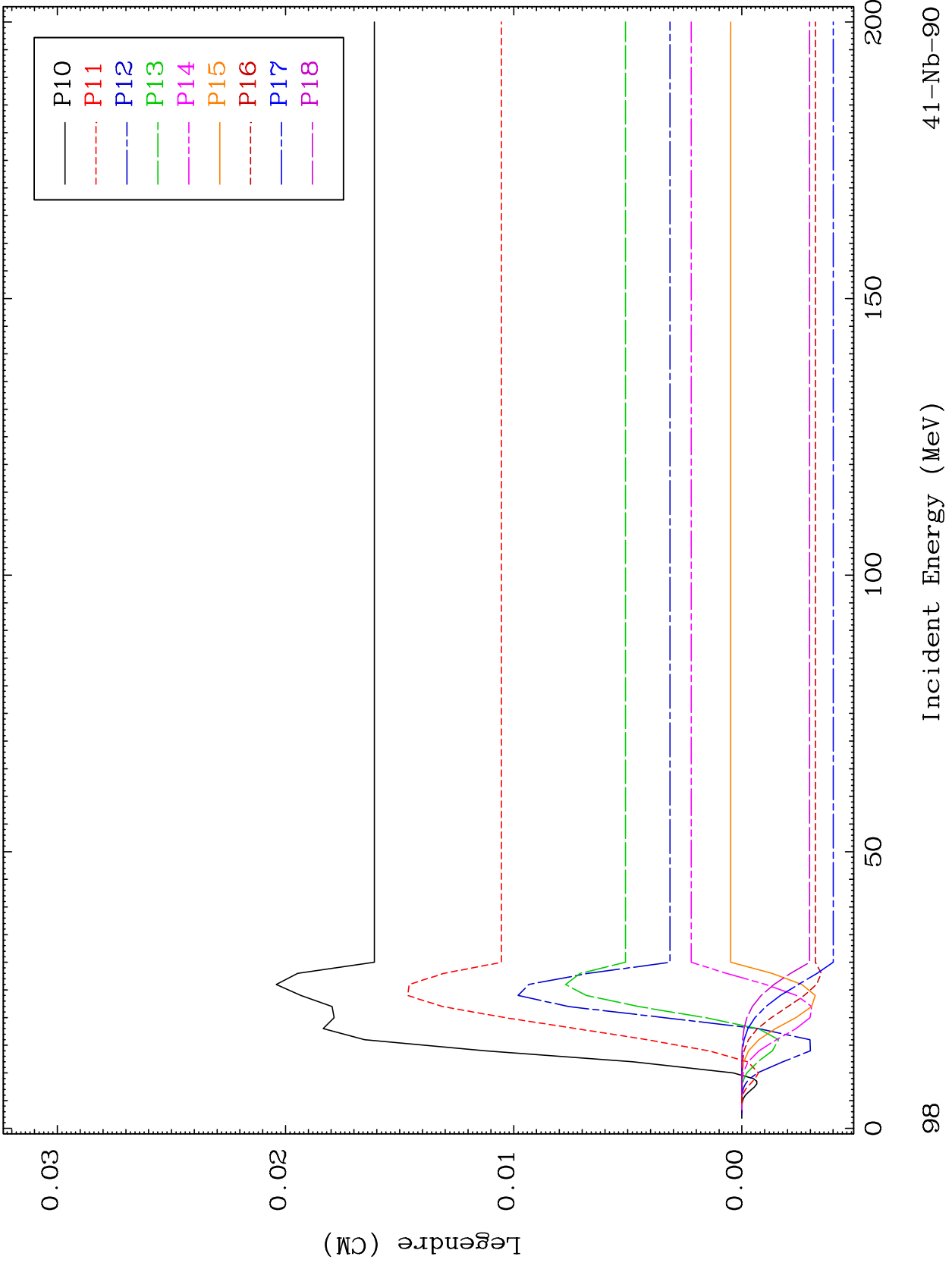
Incident Energy (MeV)

41-Nb-90

MAT 4116

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

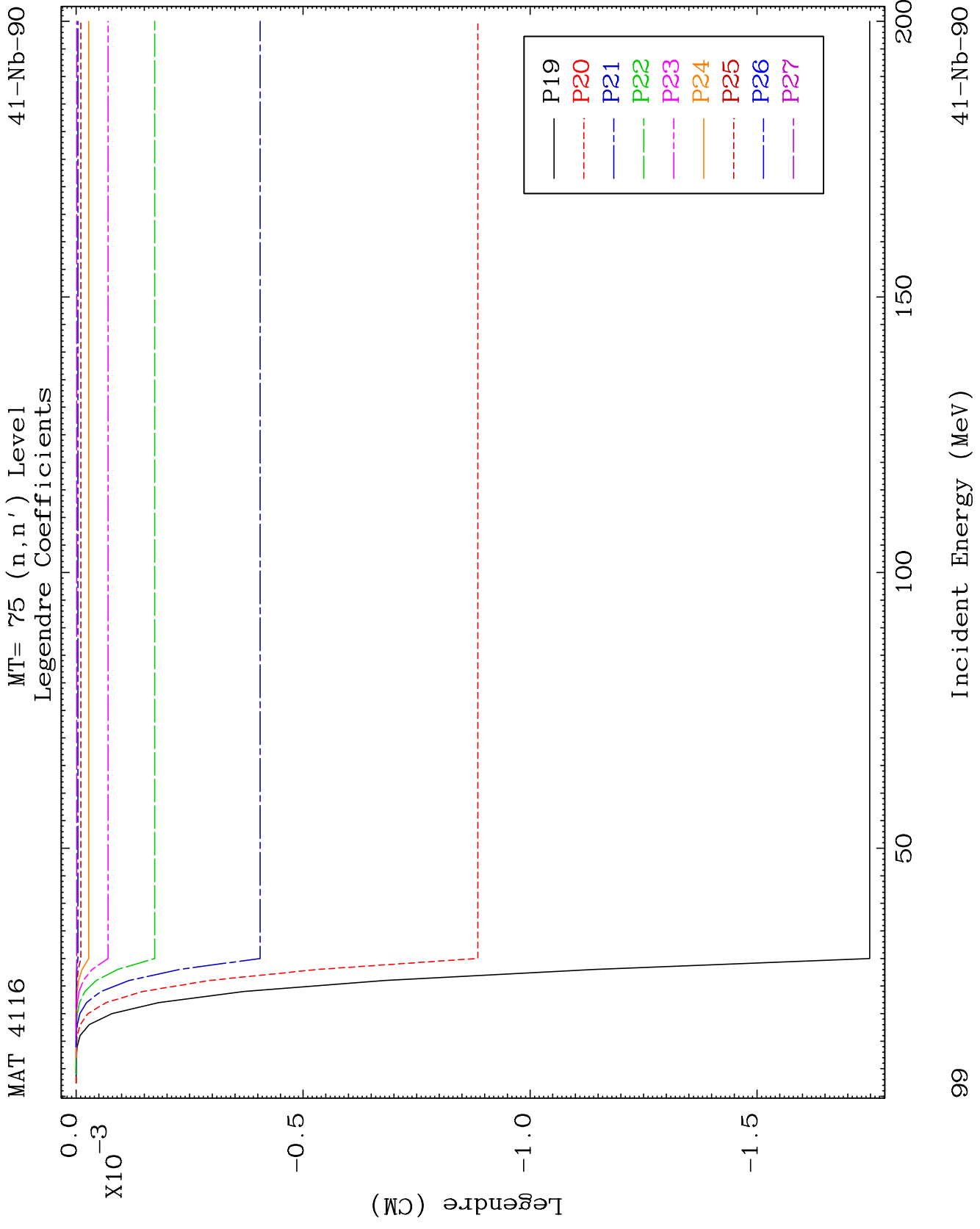
41-Nb-90

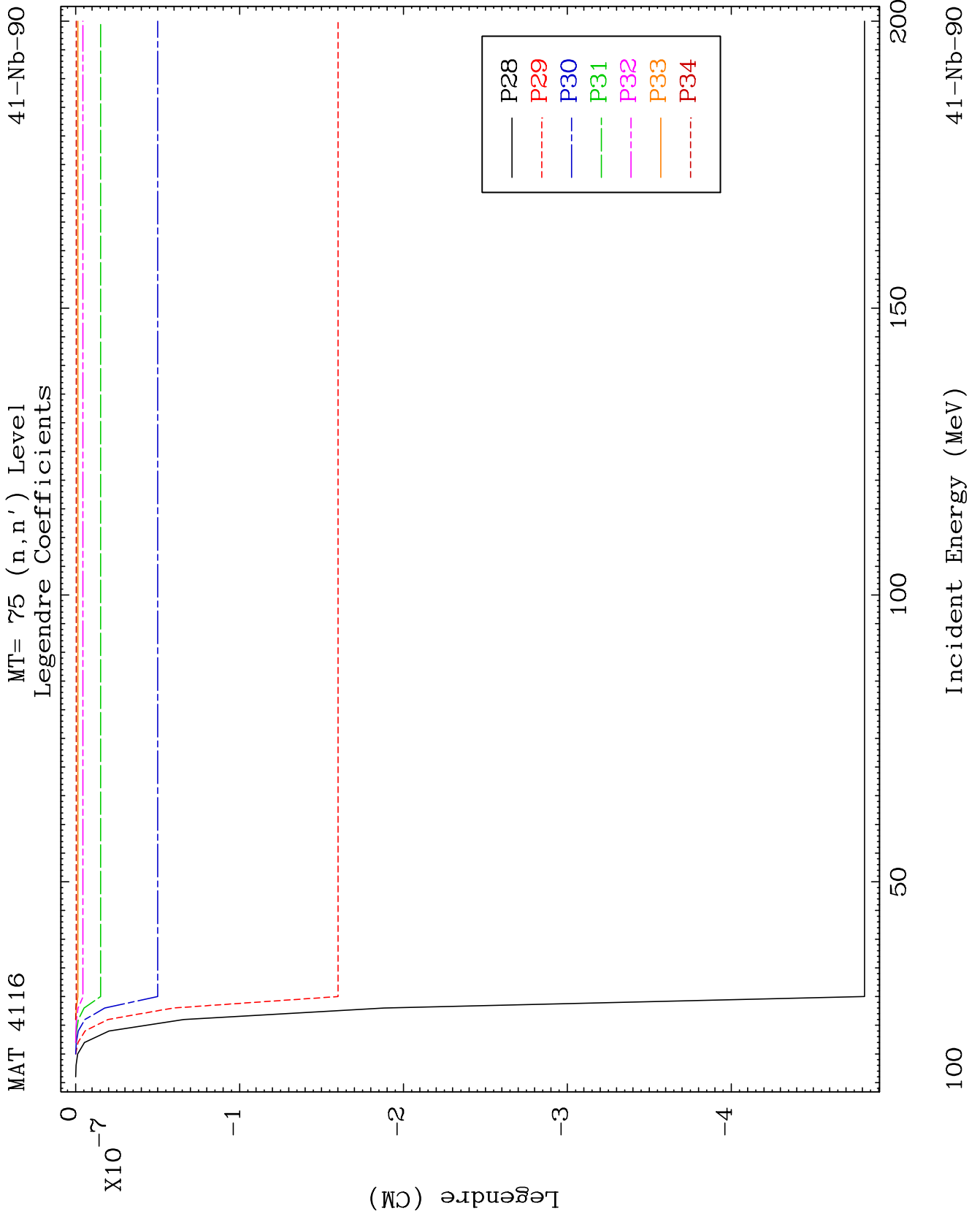


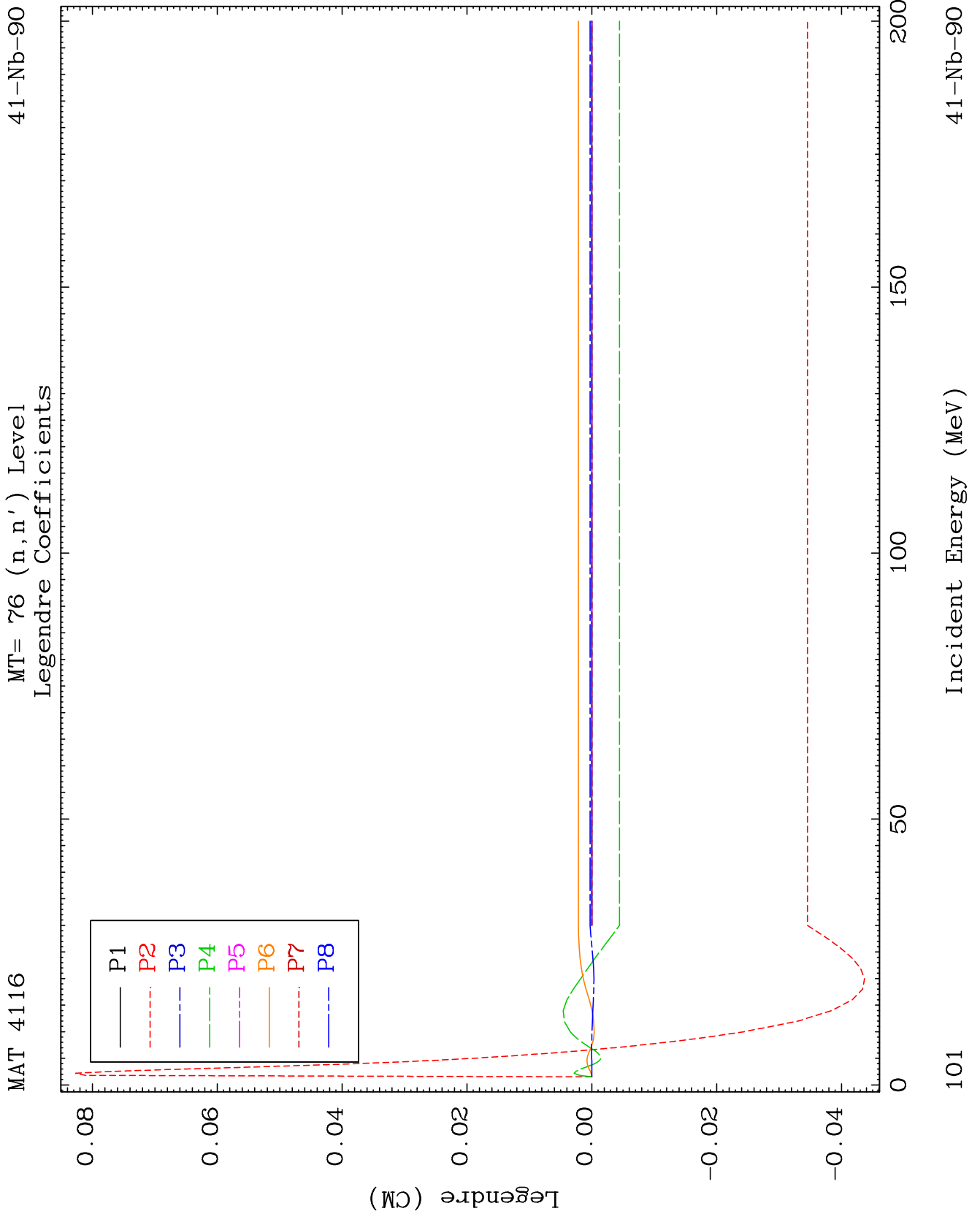
98

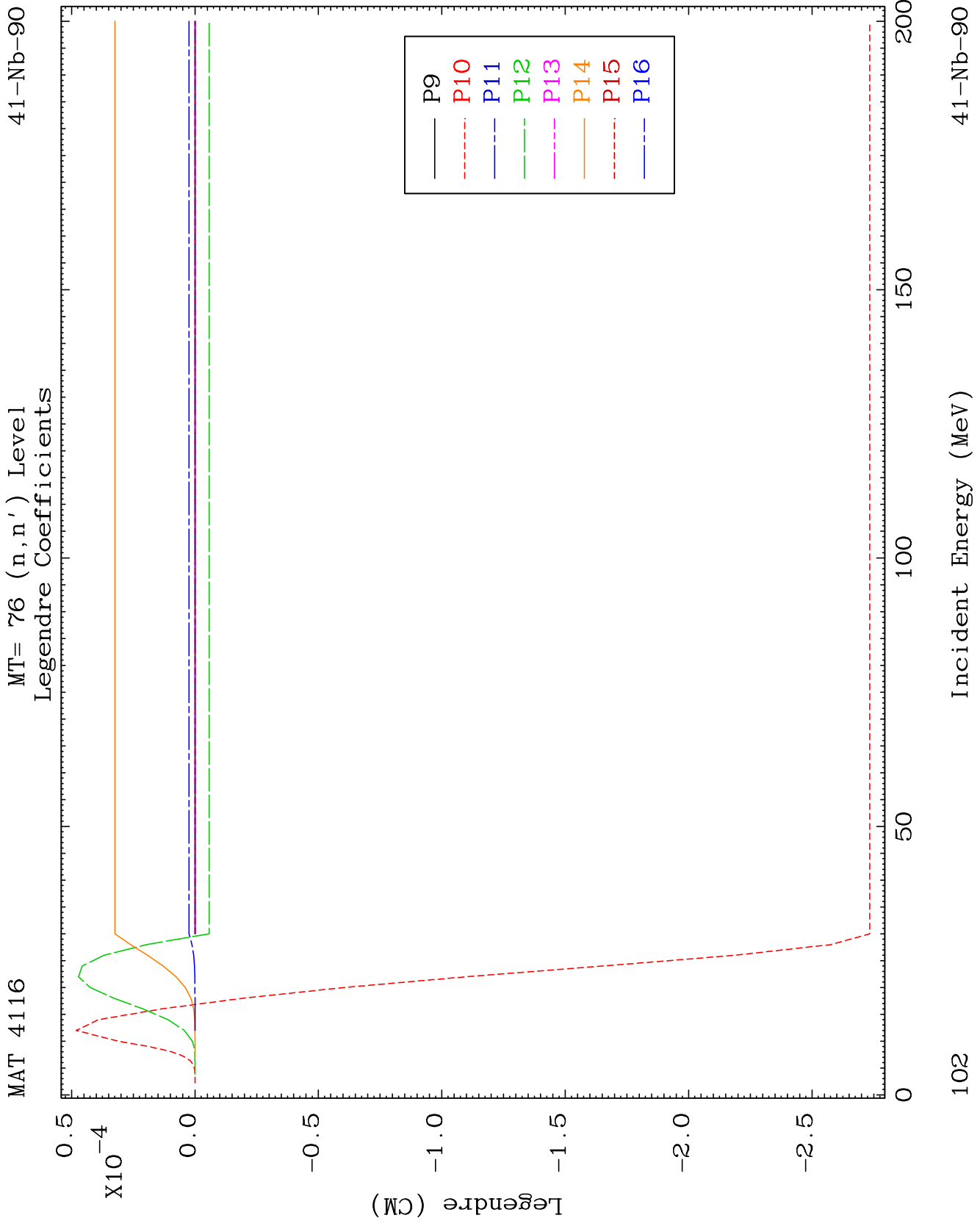
Incident Energy (MeV)

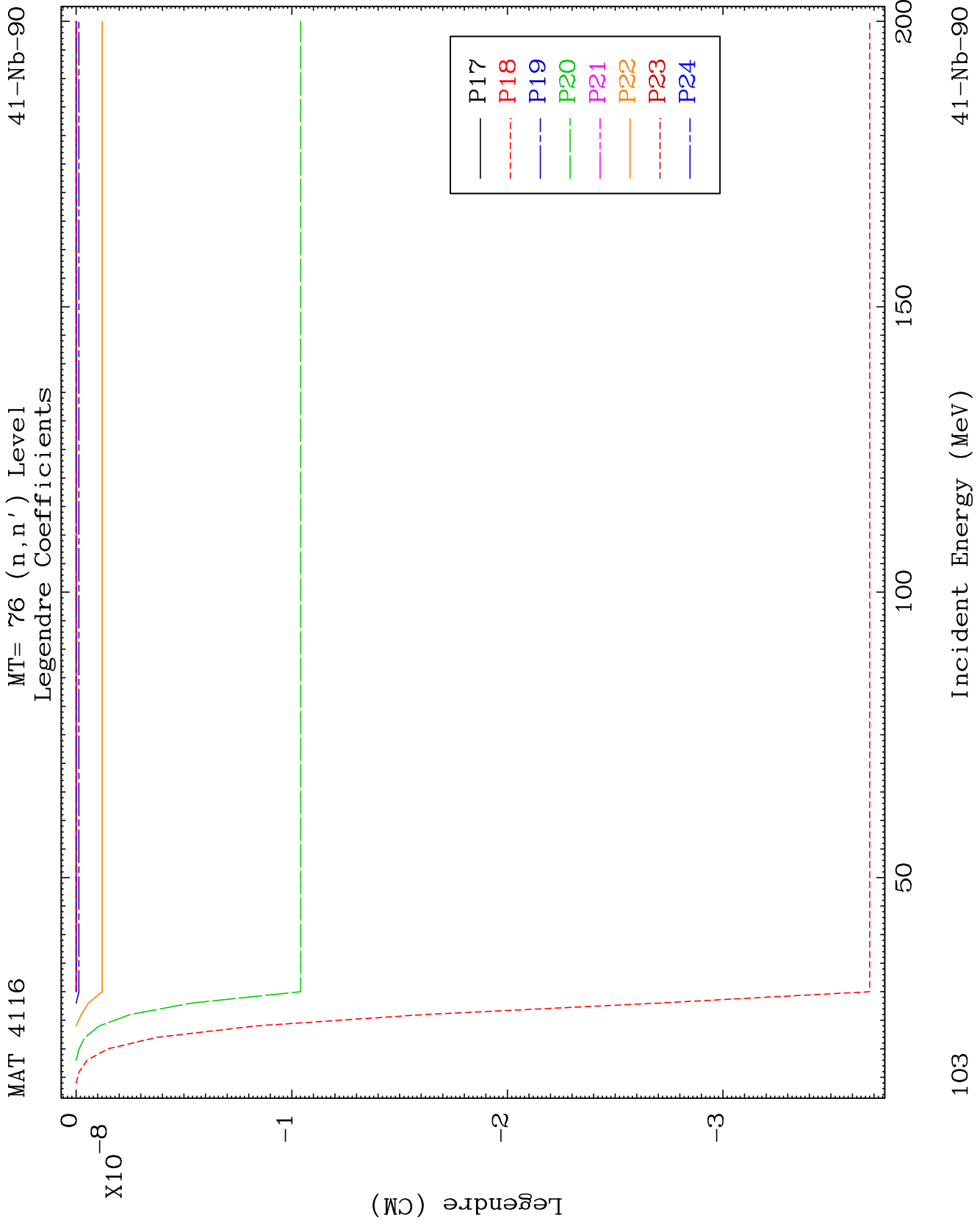
41-Nb-90

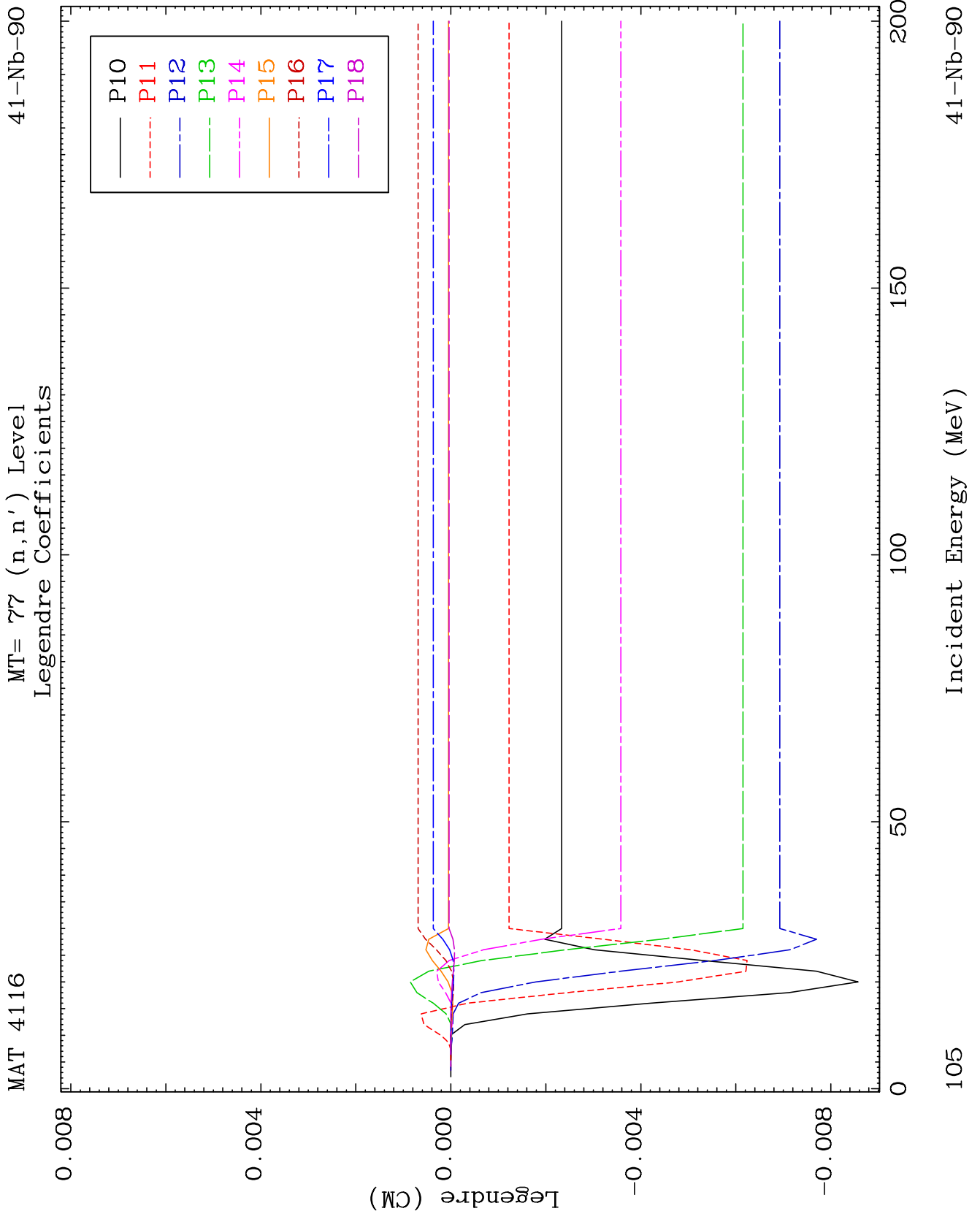








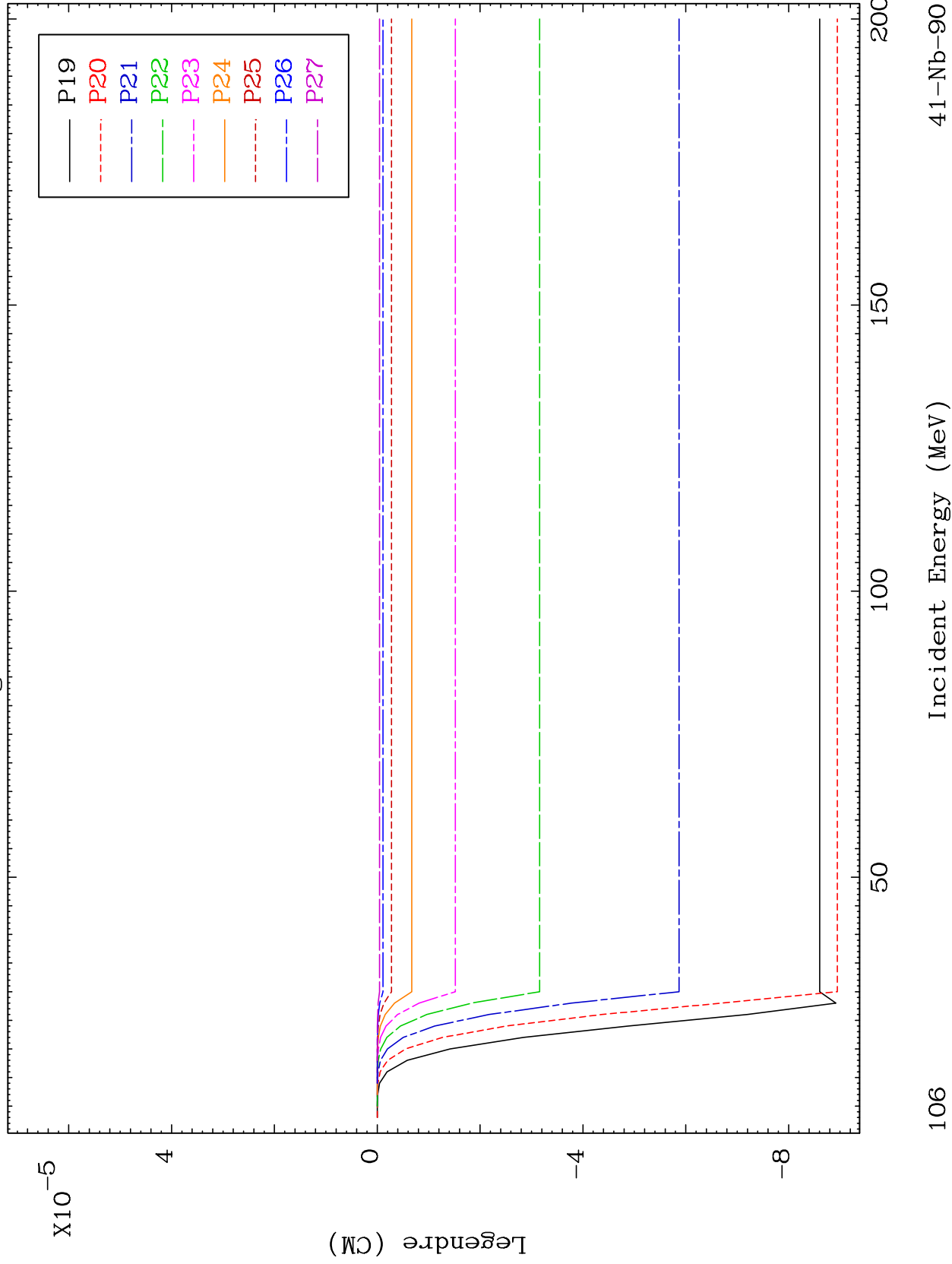


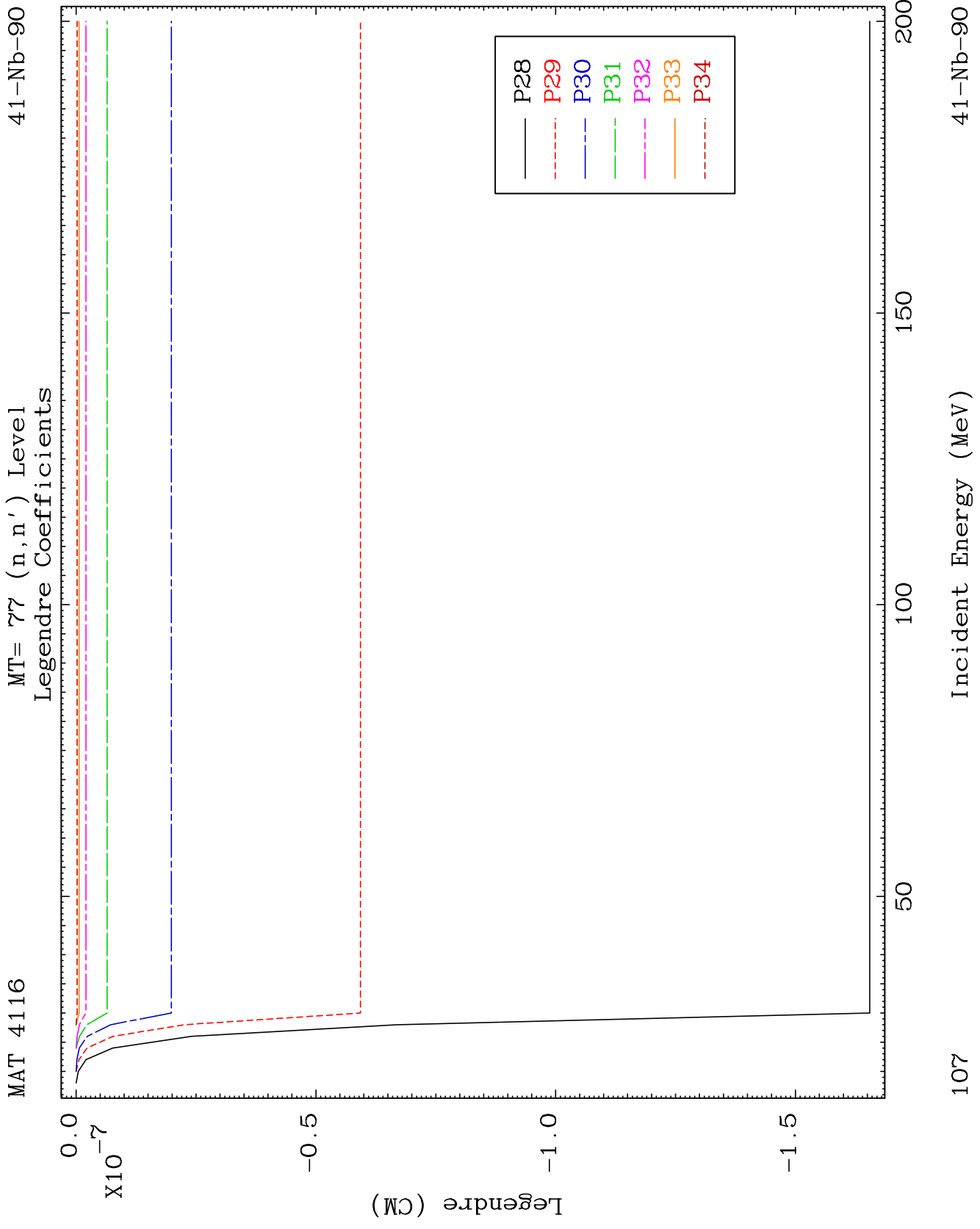


MAT 4116

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

41-Nb-90

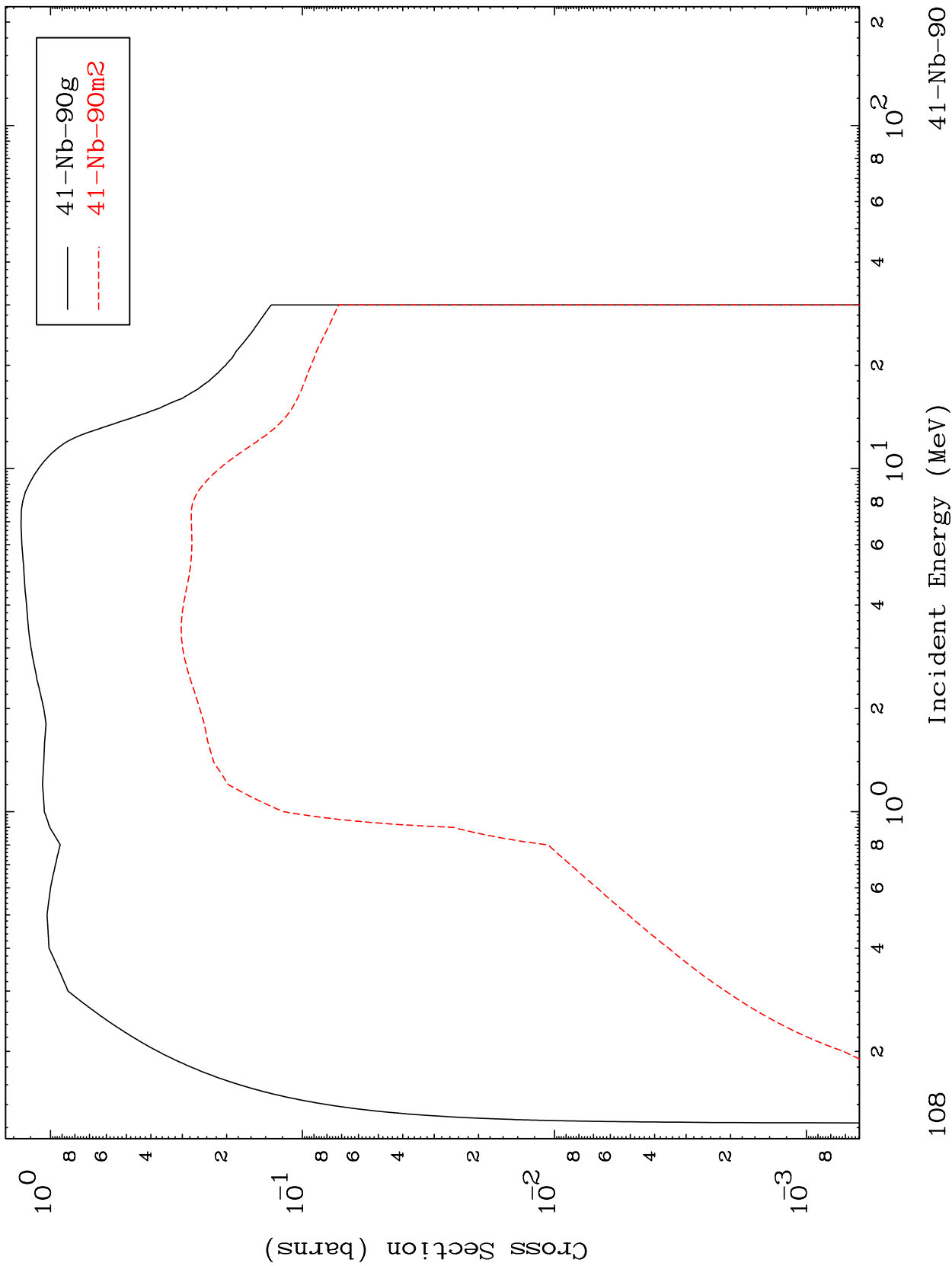




MAT 4116

41-Nb-90

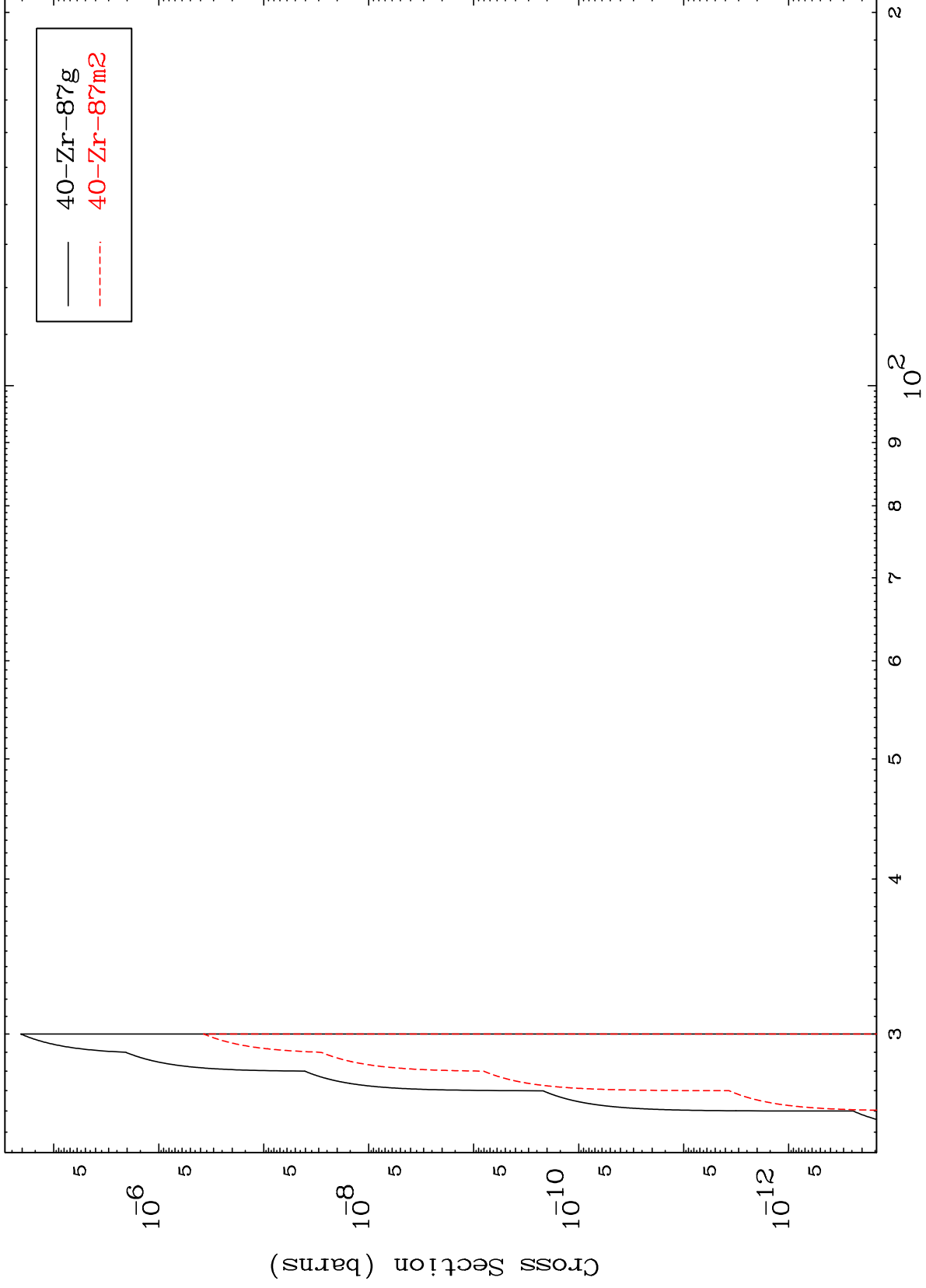
Inelastic
Radionuclide Production Cross Section



108

41-Nb-90

Radionuclide Production Cross Section

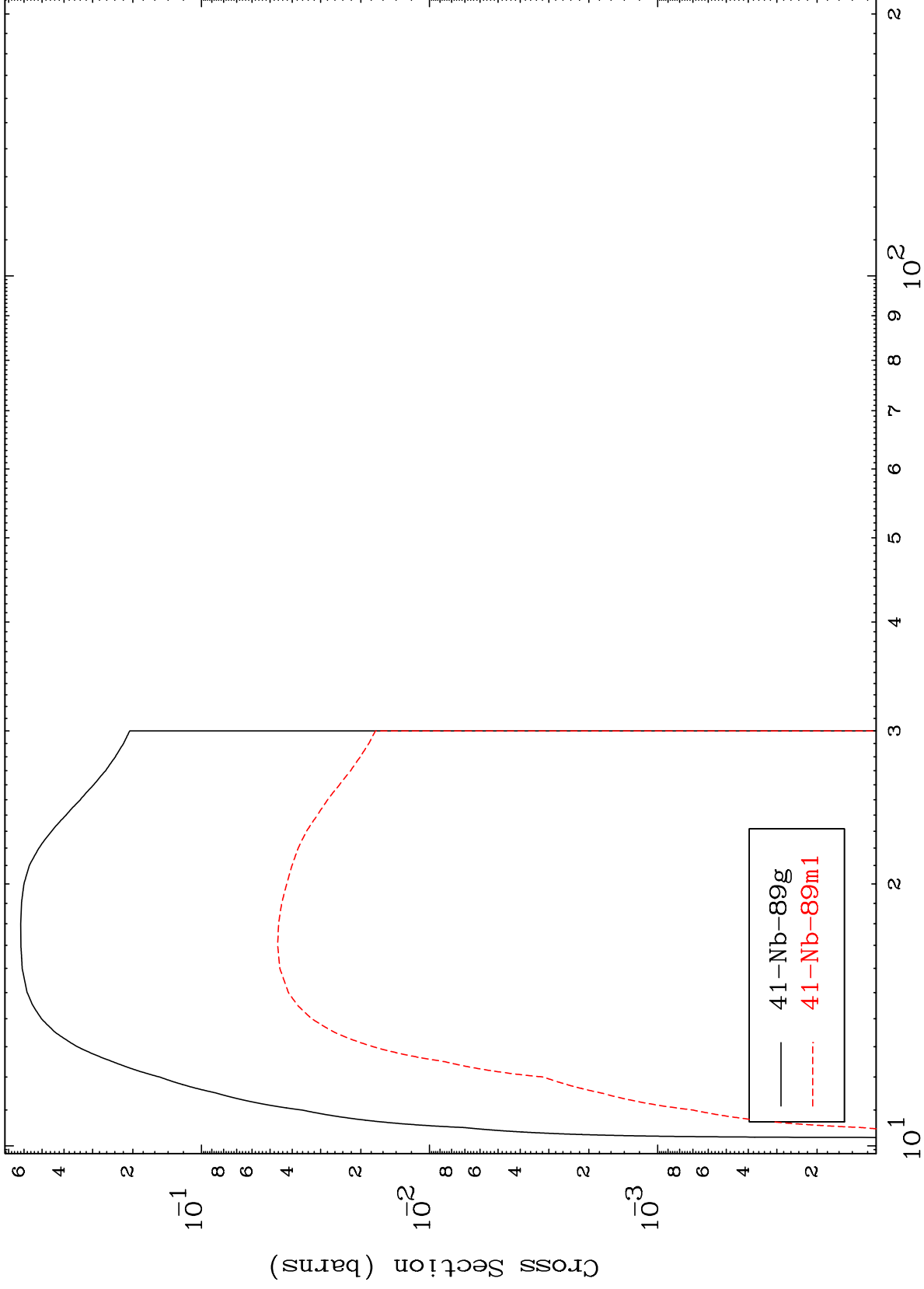


MAT 4116

(n,2n)

41-Nb-90

Radionuclide Production Cross Section



110

Incident Energy (MeV)

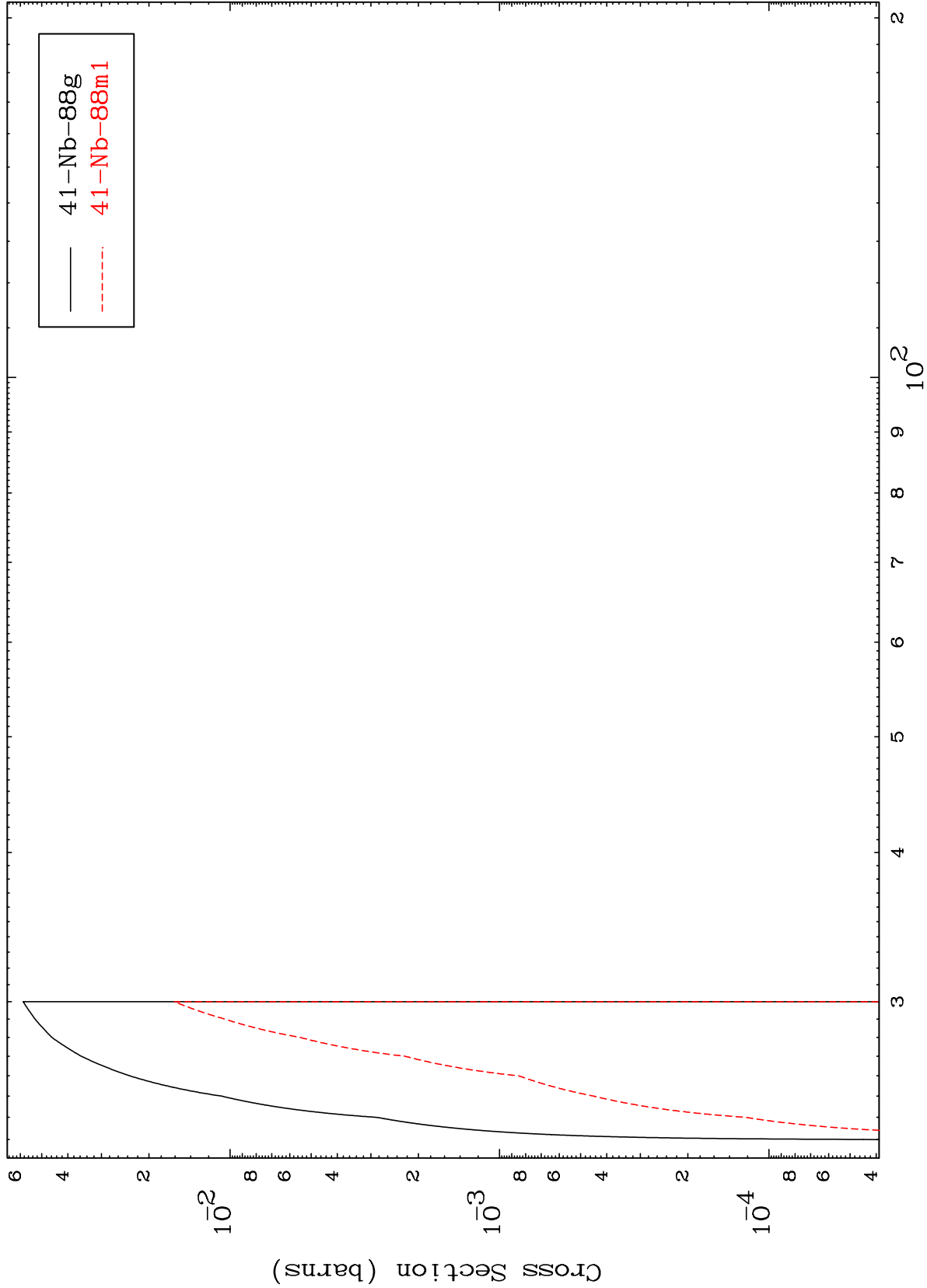
41-Nb-90

MAT 4116

(n,3n)

41-Nb-90

Radionuclide Production Cross Section



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

111

Incident Energy (MeV)

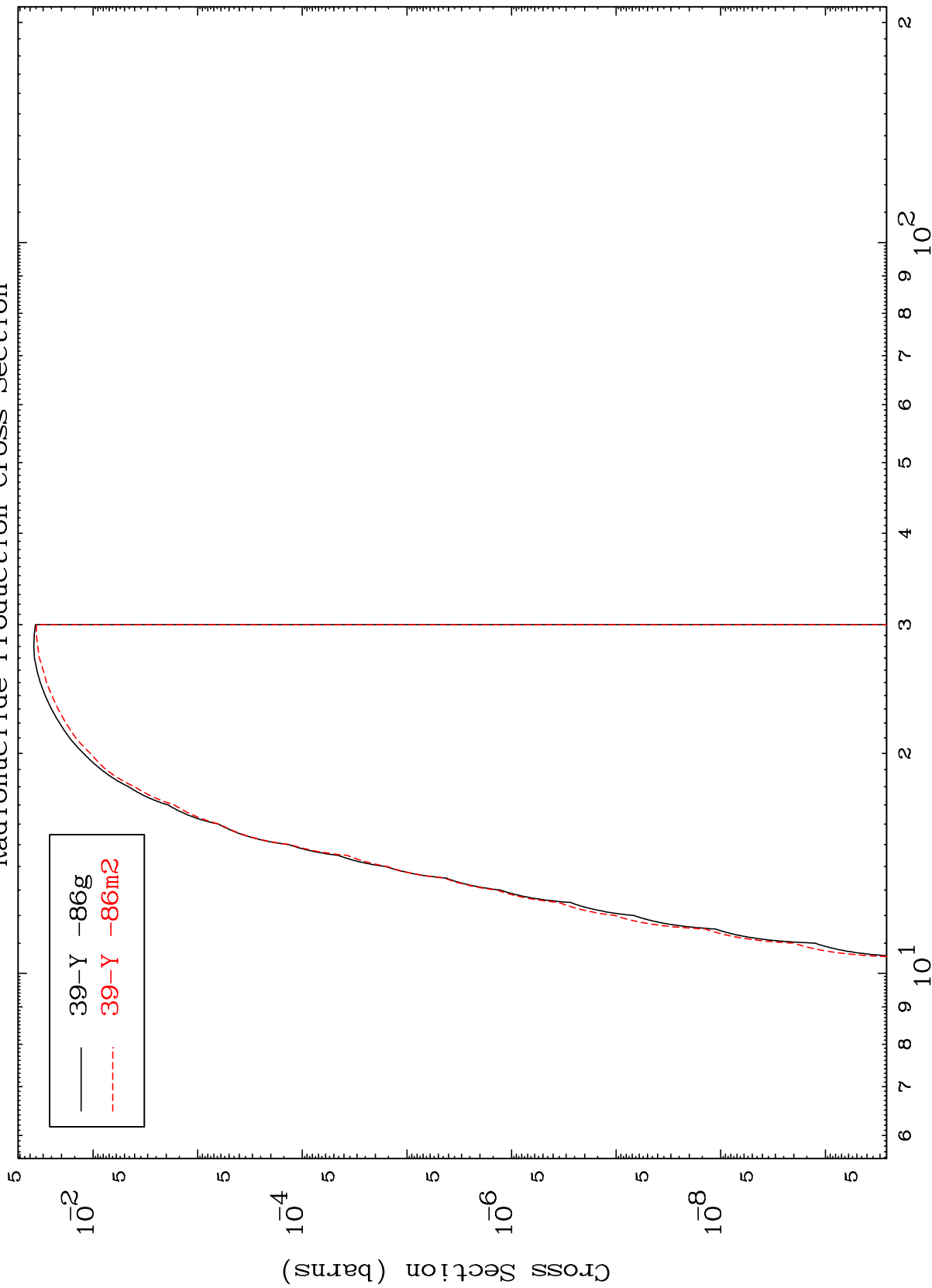
41-Nb-90

MAT 4116

$(n, n') \alpha$

41-Nb-90

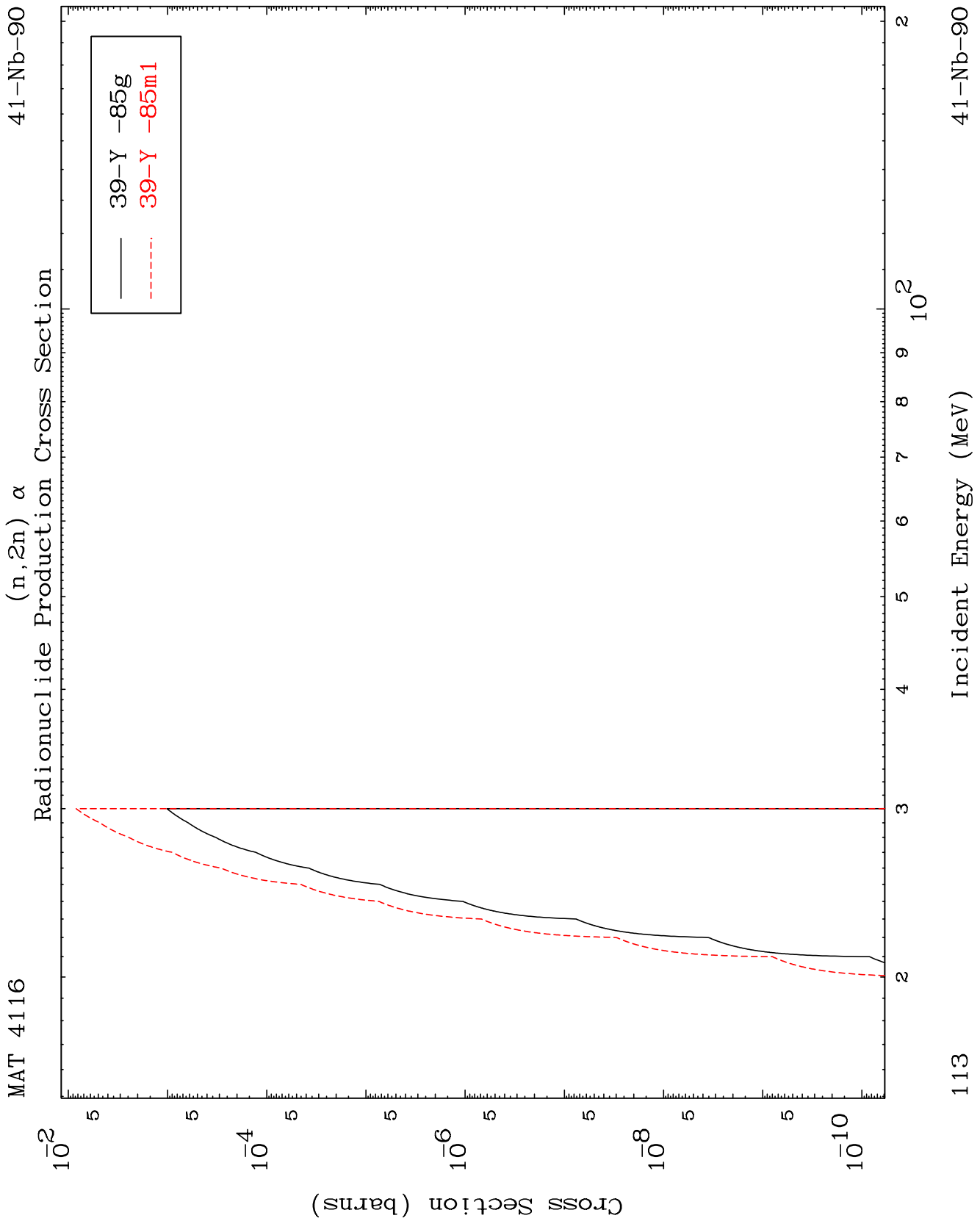
Radionuclide Production Cross Section



112

Incident Energy (MeV)

41-Nb-90

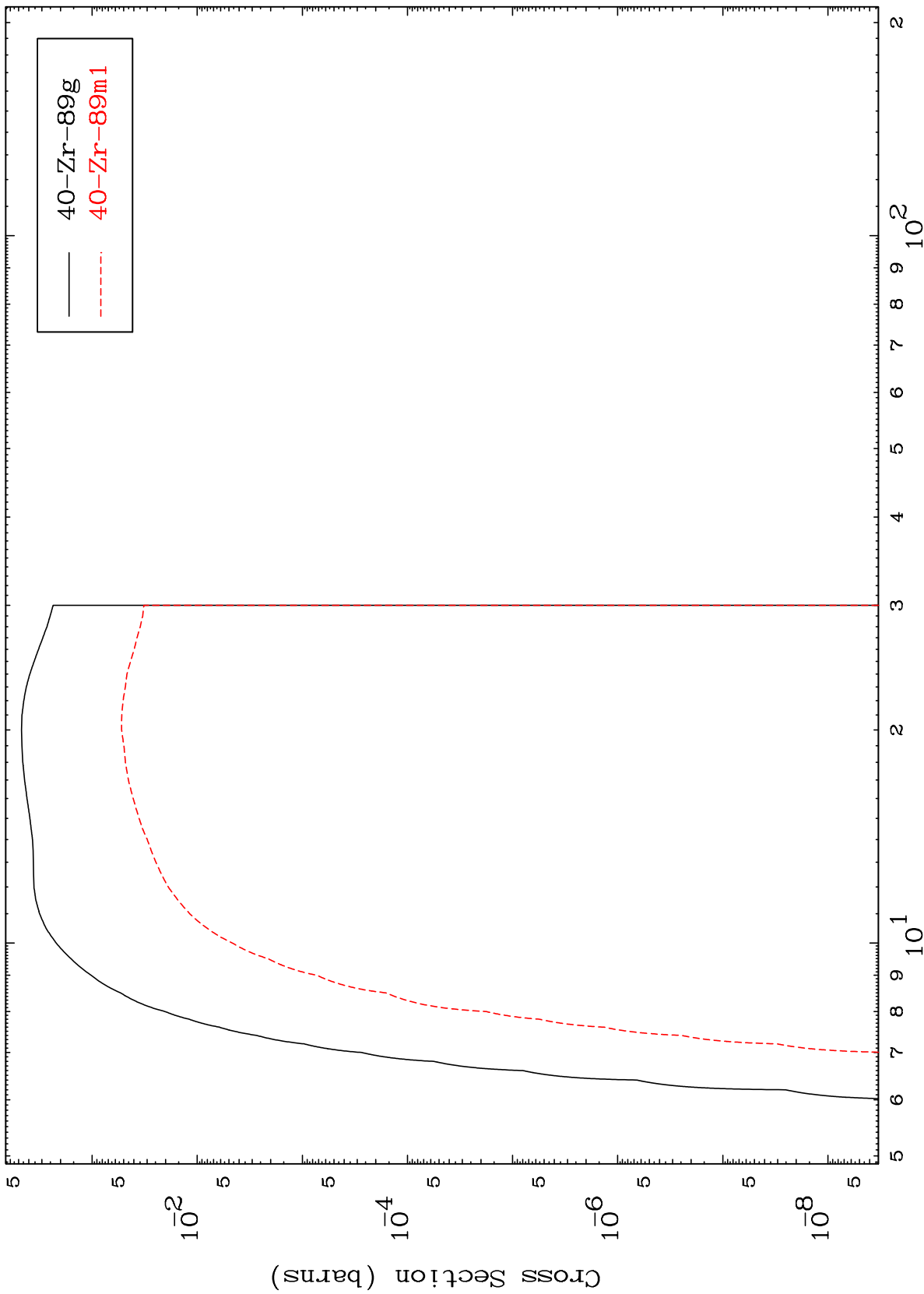


MAT 4116

(n,n') p

41-Nb-90

Radionuclide Production Cross Section

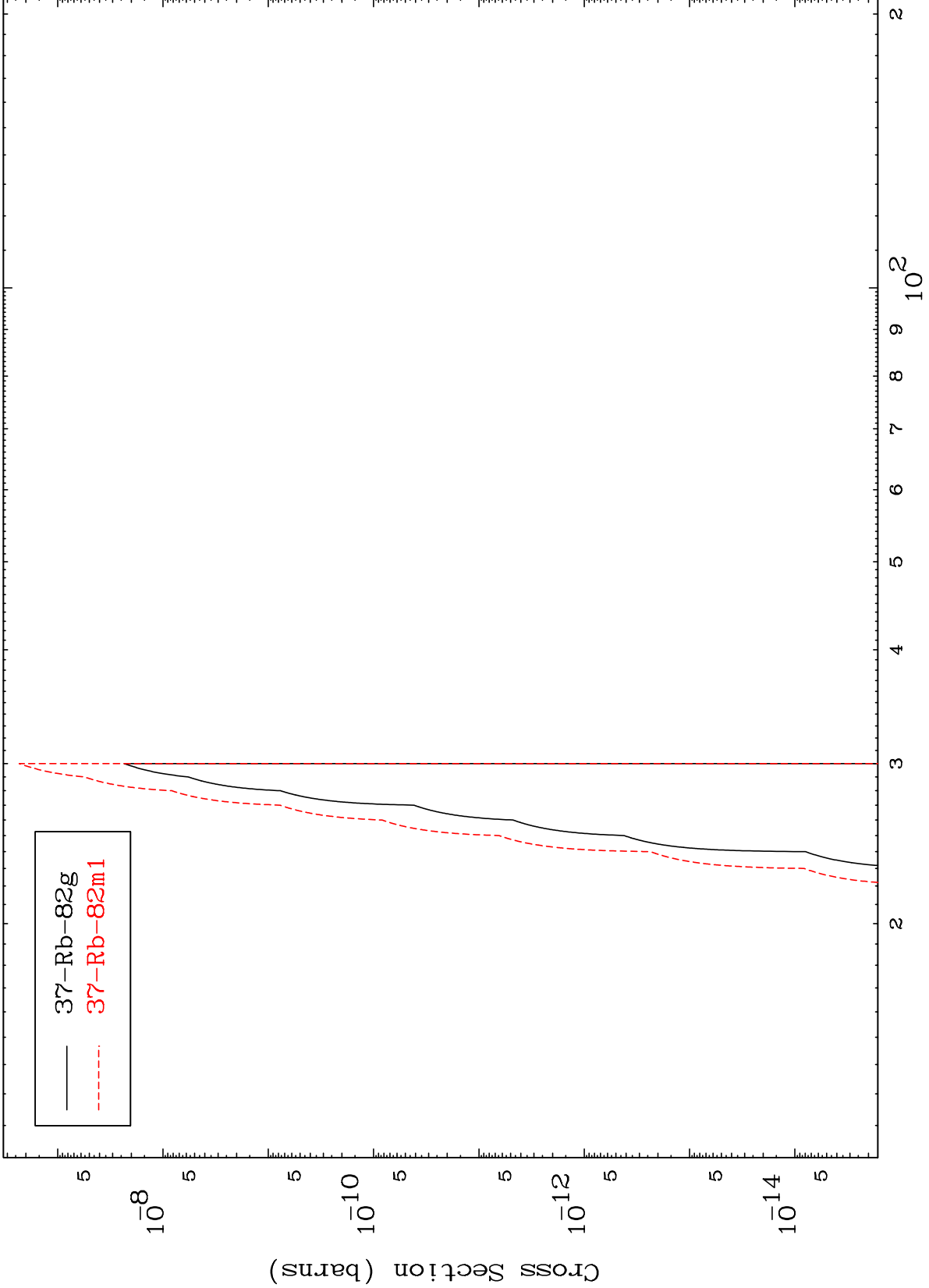


114

Incident Energy (MeV)

41-Nb-90

Radionuclide Production Cross Section

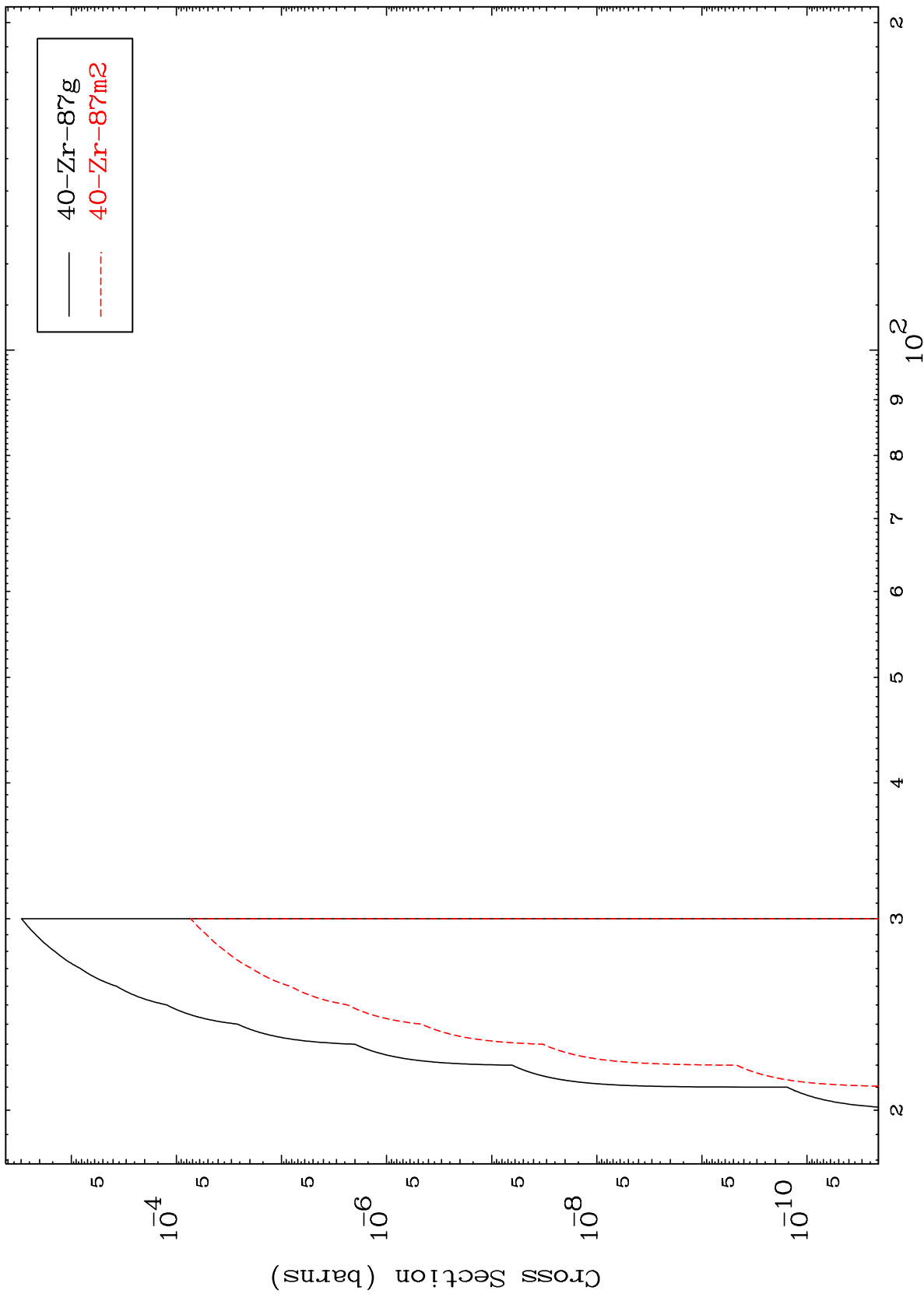


MAT 4116

(n,n') t

41-Nb-90

Radionuclide Production Cross Section



116

Incident Energy (MeV)

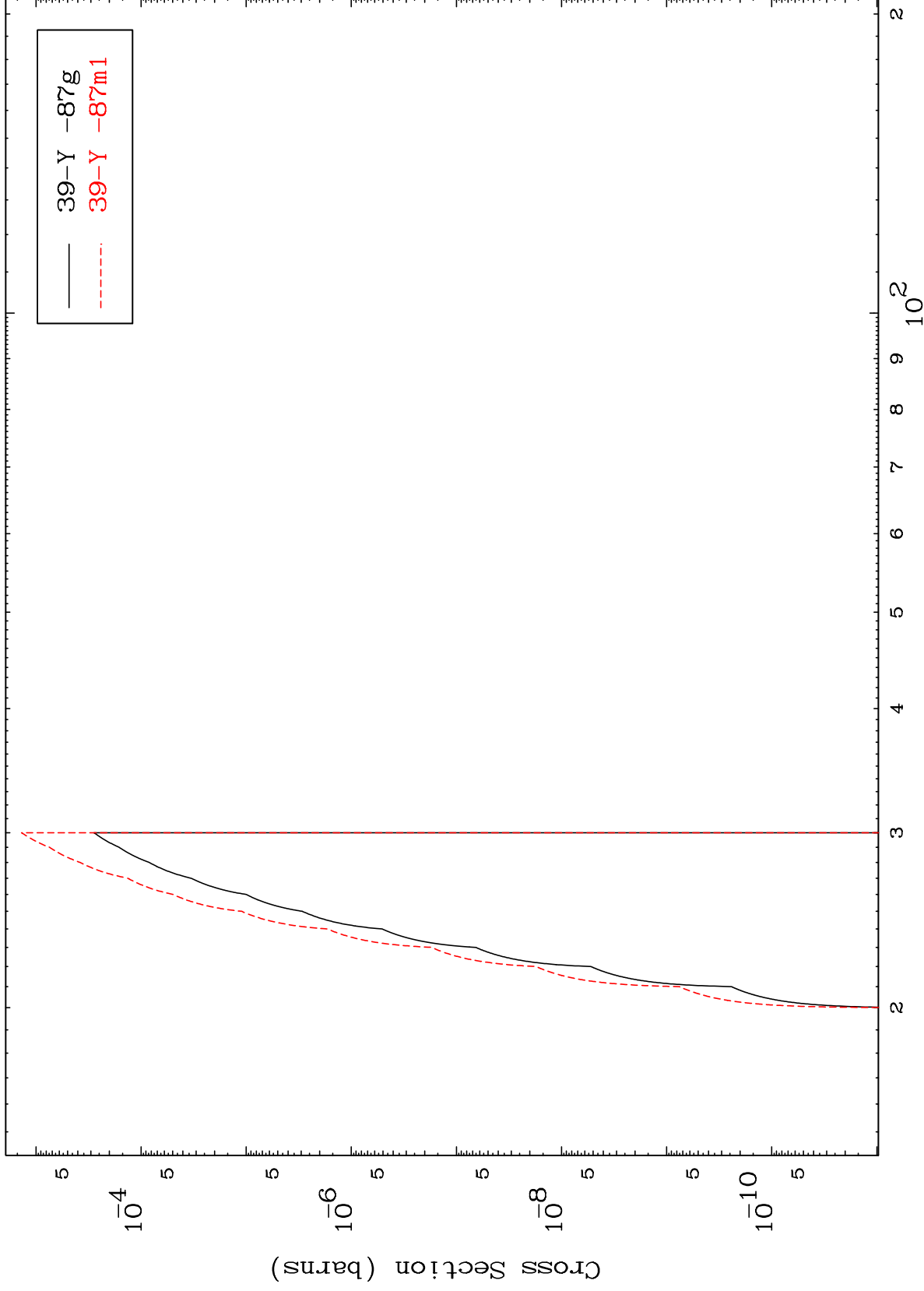
41-Nb-90

MAT 4116

(n,n') He-3

41-Nb-90

Radionuclide Production Cross Section



117

Incident Energy (MeV)

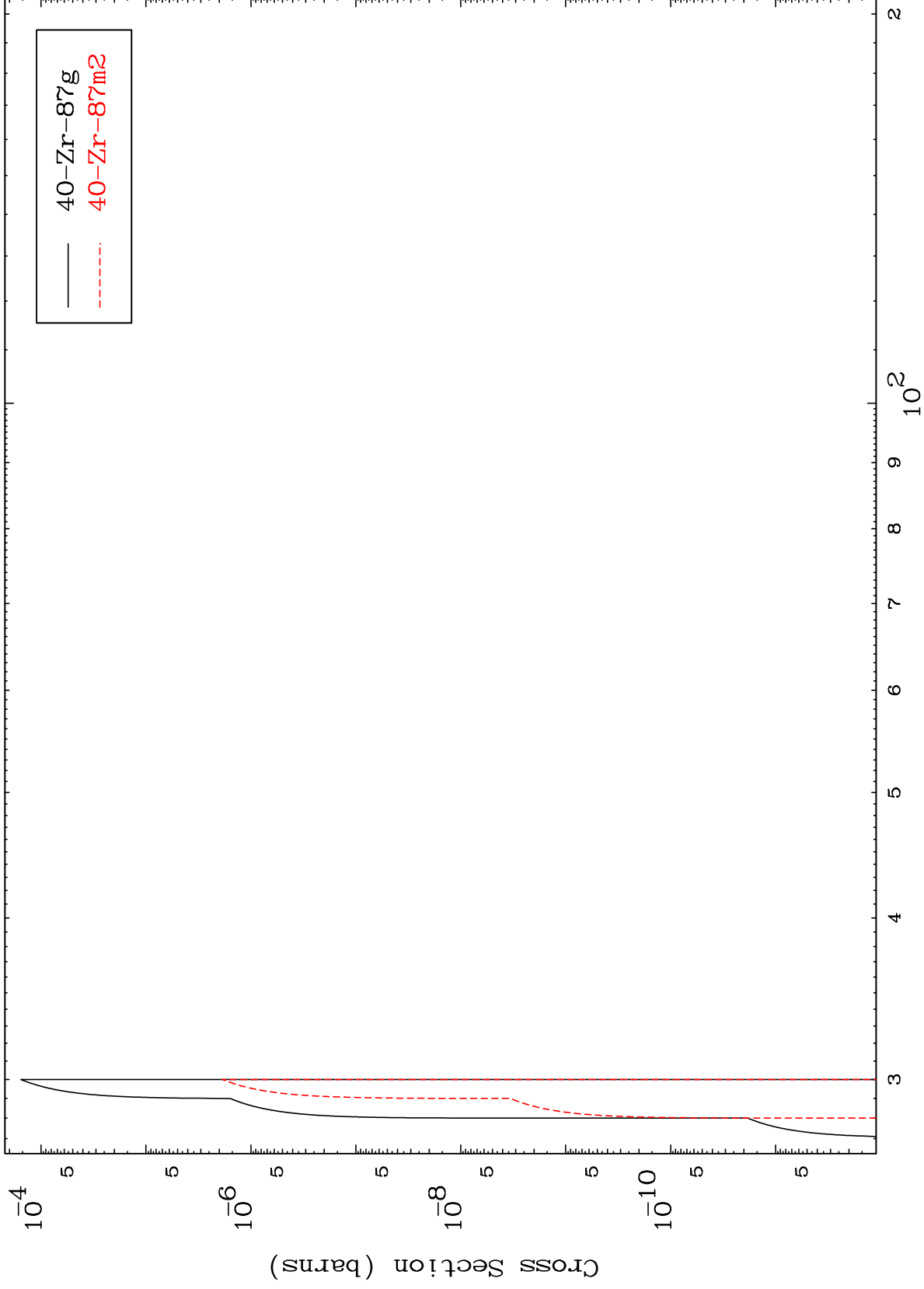
41-Nb-90

MAT 4116

(n,3n) p

41-Nb-90

Radionuclide Production Cross Section



118

Incident Energy (MeV)

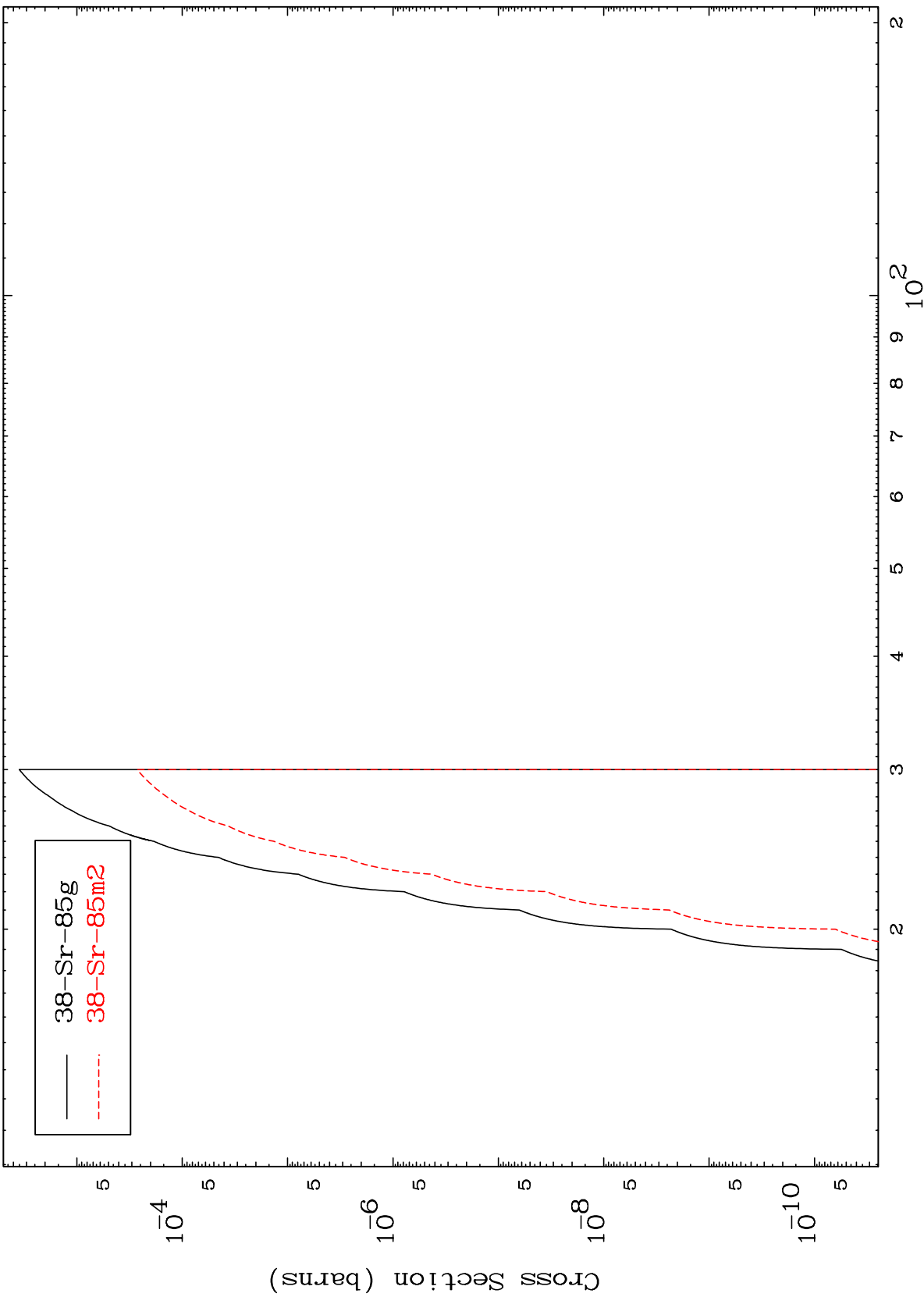
41-Nb-90

MAT 4116

(n,n') p α

41-Nb-90

Radionuclide Production Cross Section



119

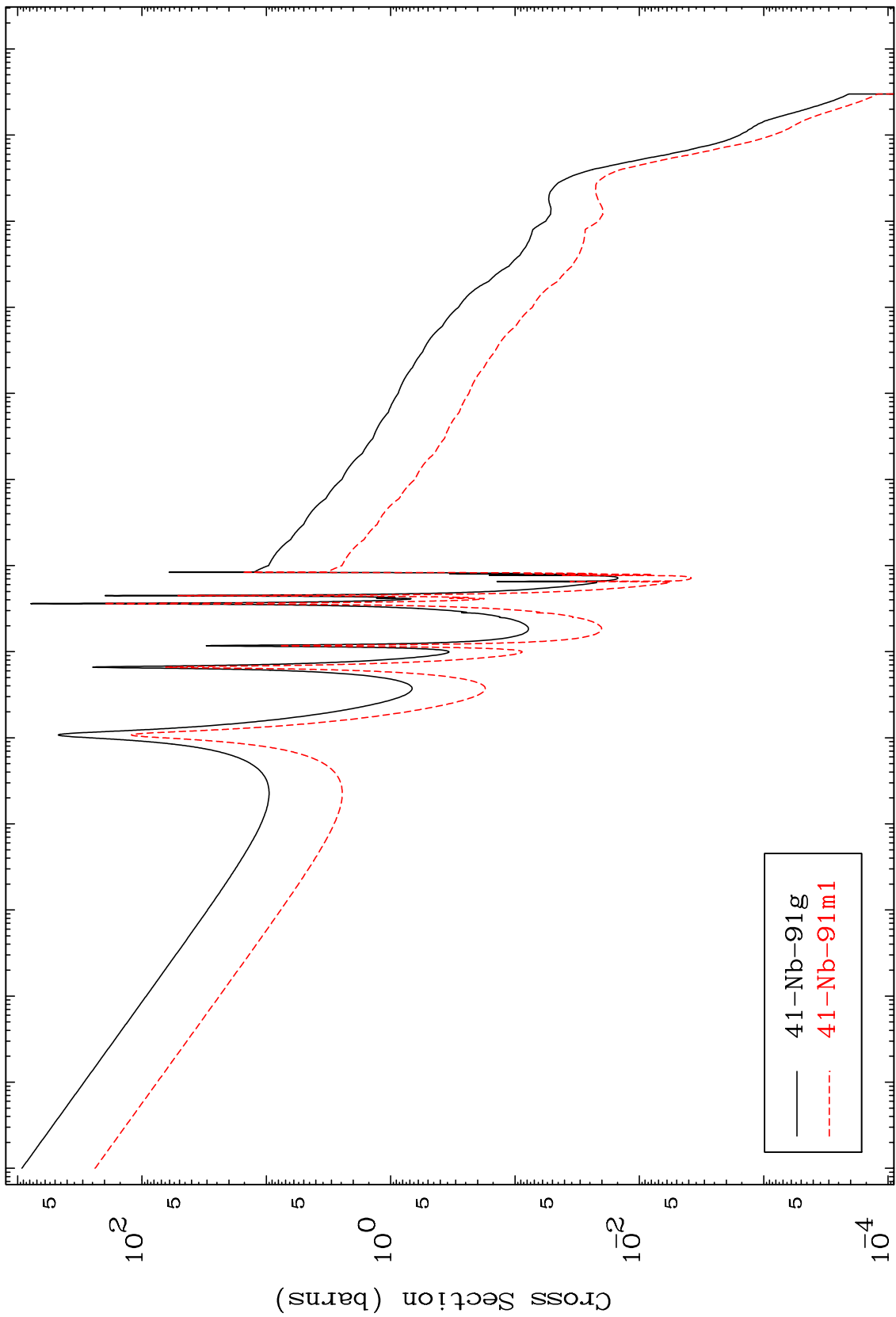
Incident Energy (MeV)

41-Nb-90

MAT 4116

41-Nb-90

Radionuclide Production Cross Section
(n, γ)



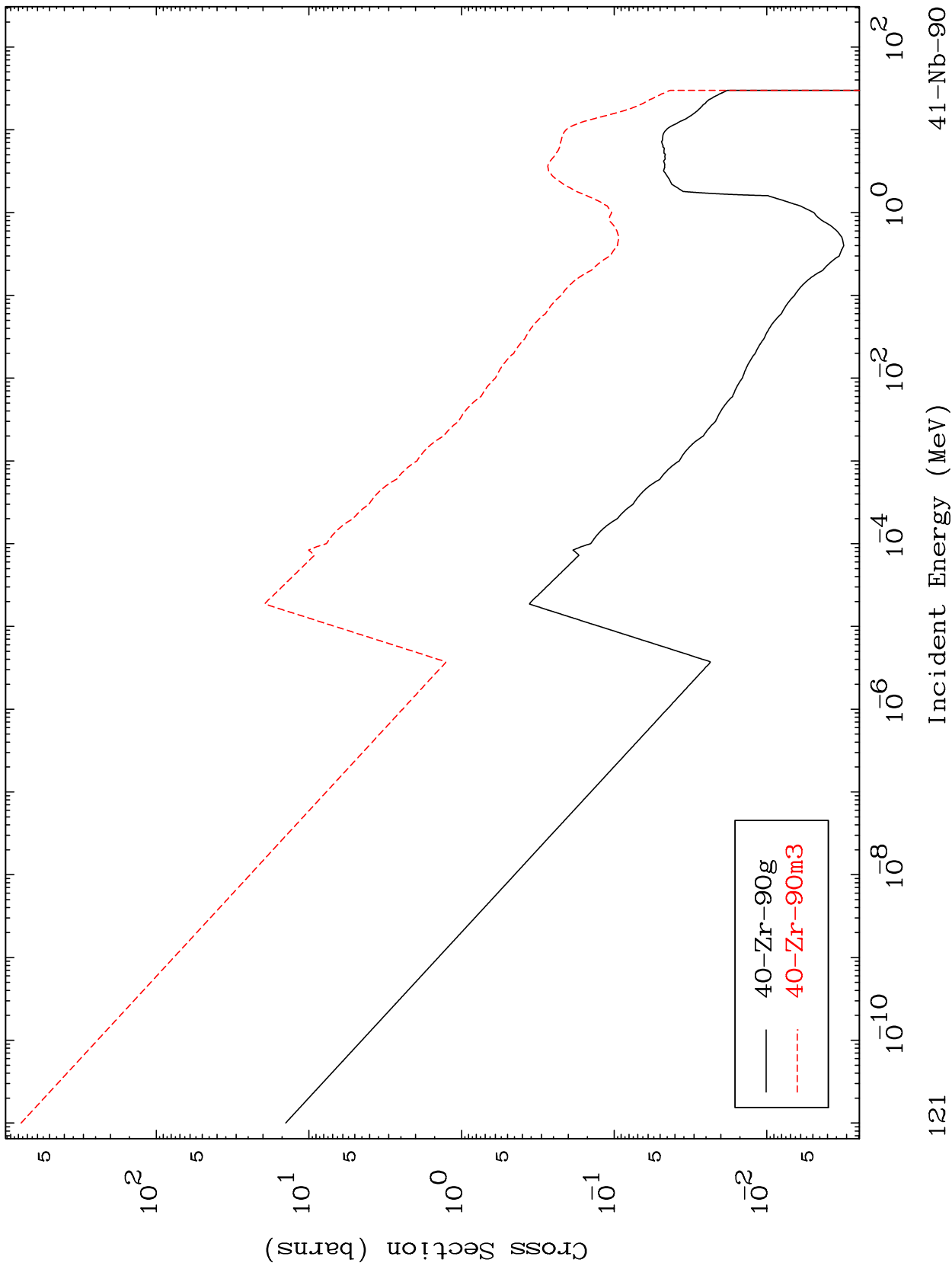
120

41-Nb-90

MAT 4116

41-Nb-90

(n,p)
Radionuclide Production Cross Section

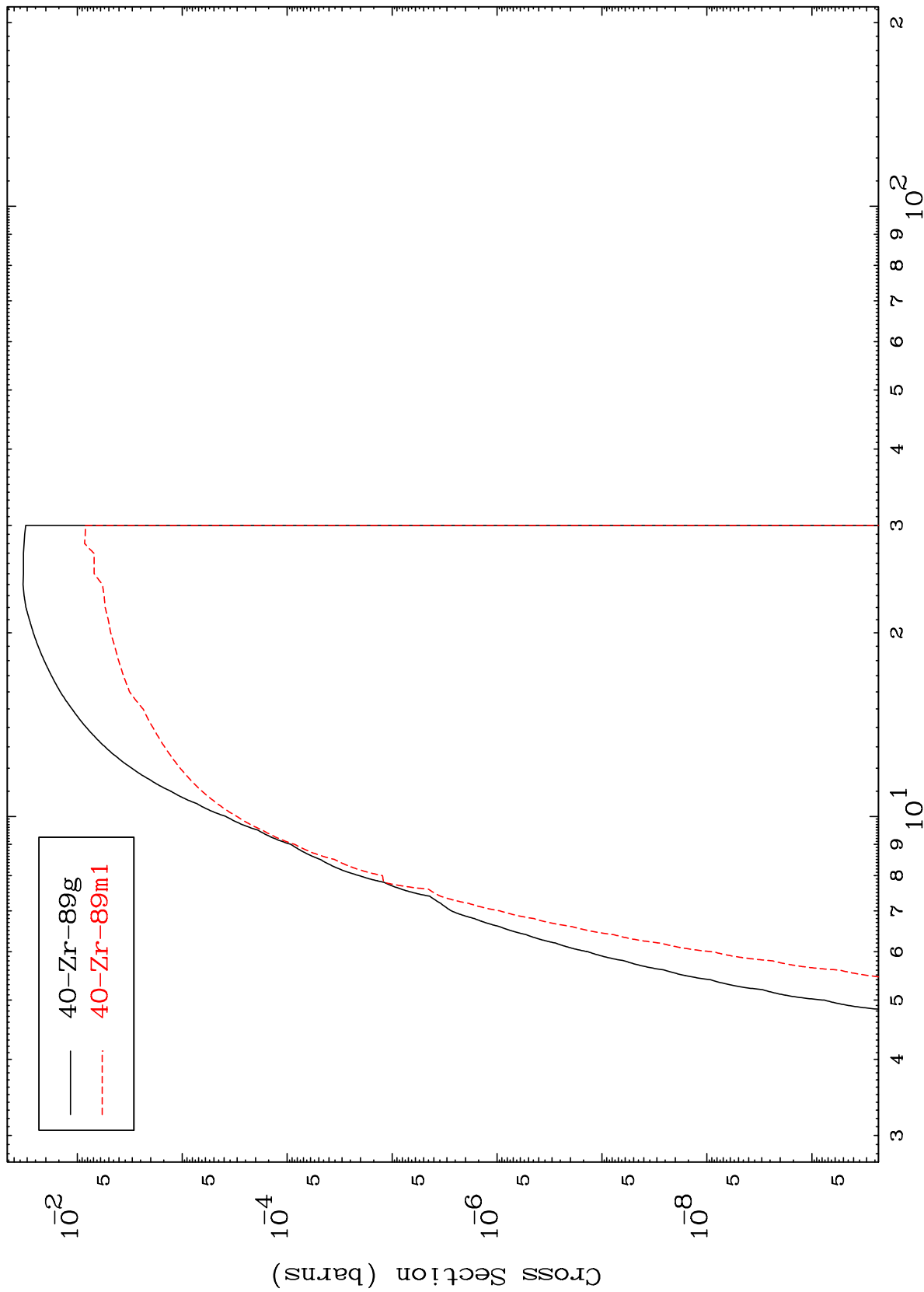


MAT 4116

(n,d)

41-Nb-90

Radionuclide Production Cross Section



— 40-Zr-89g
- - - 40-Zr-89m1

122

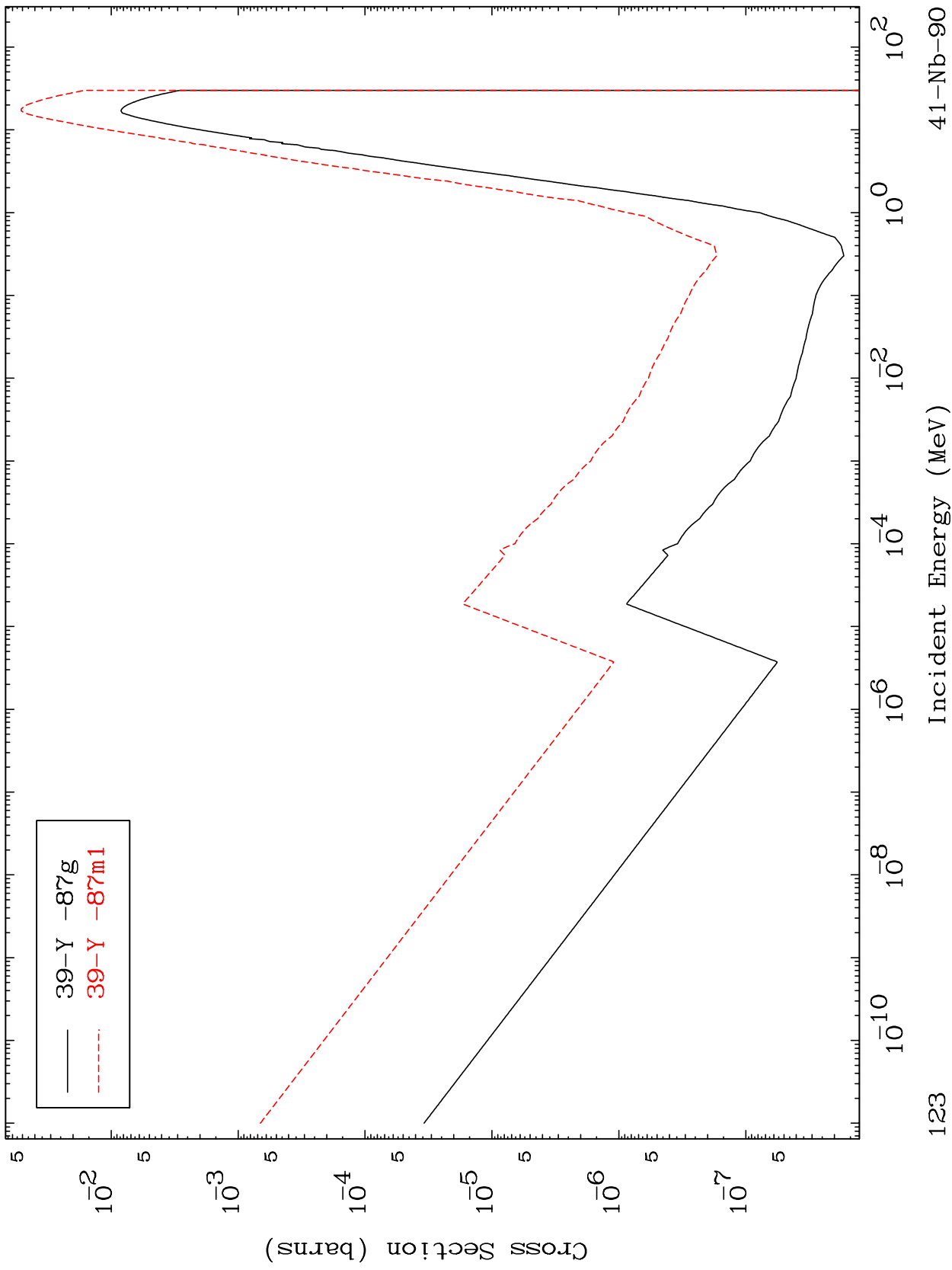
Incident Energy (MeV)

41-Nb-90

MAT 4116

41-Nb-90

Radionuclide Production Cross Section
(n, α)

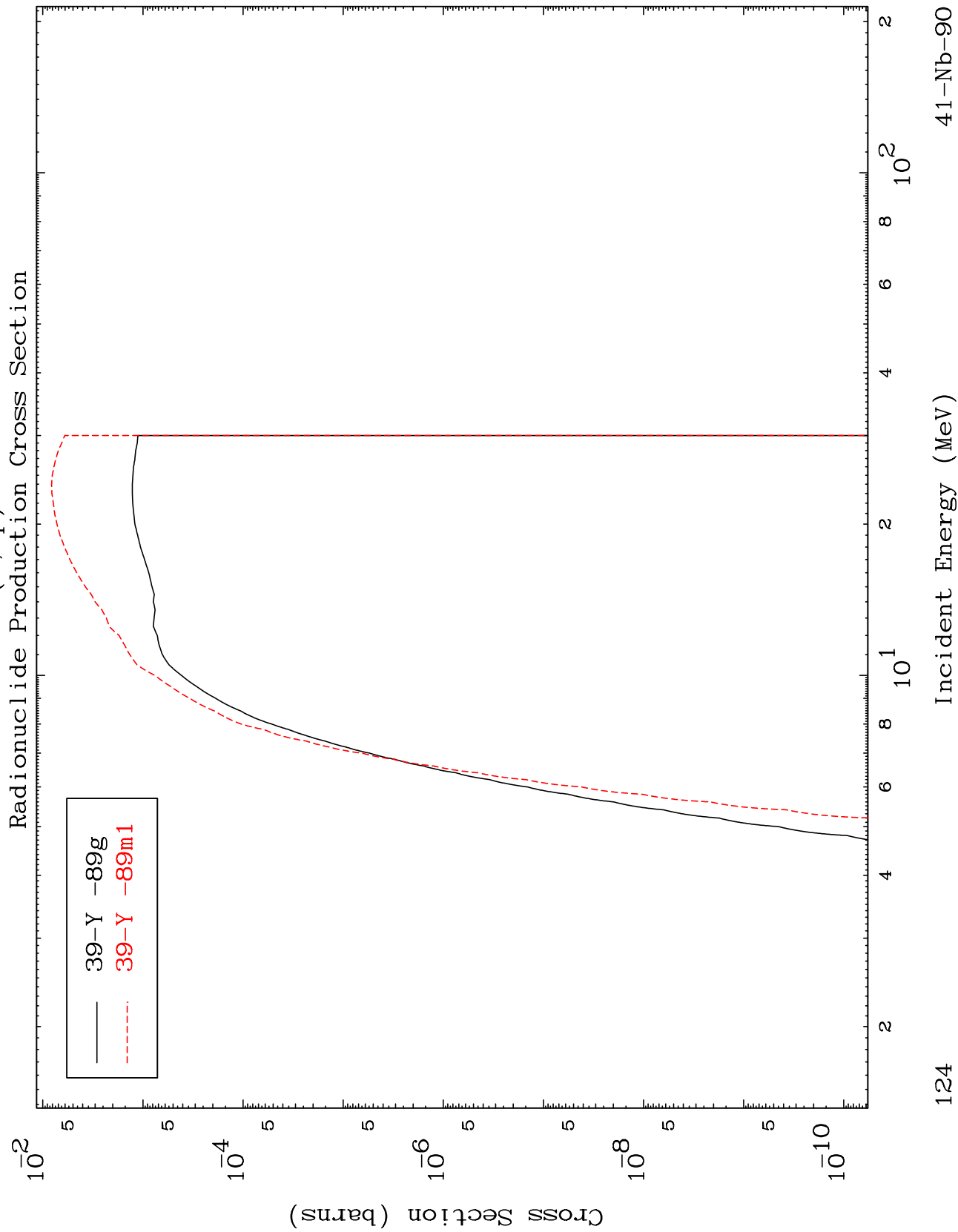


123

41-Nb-90

MAT 4116

41-Nb-90



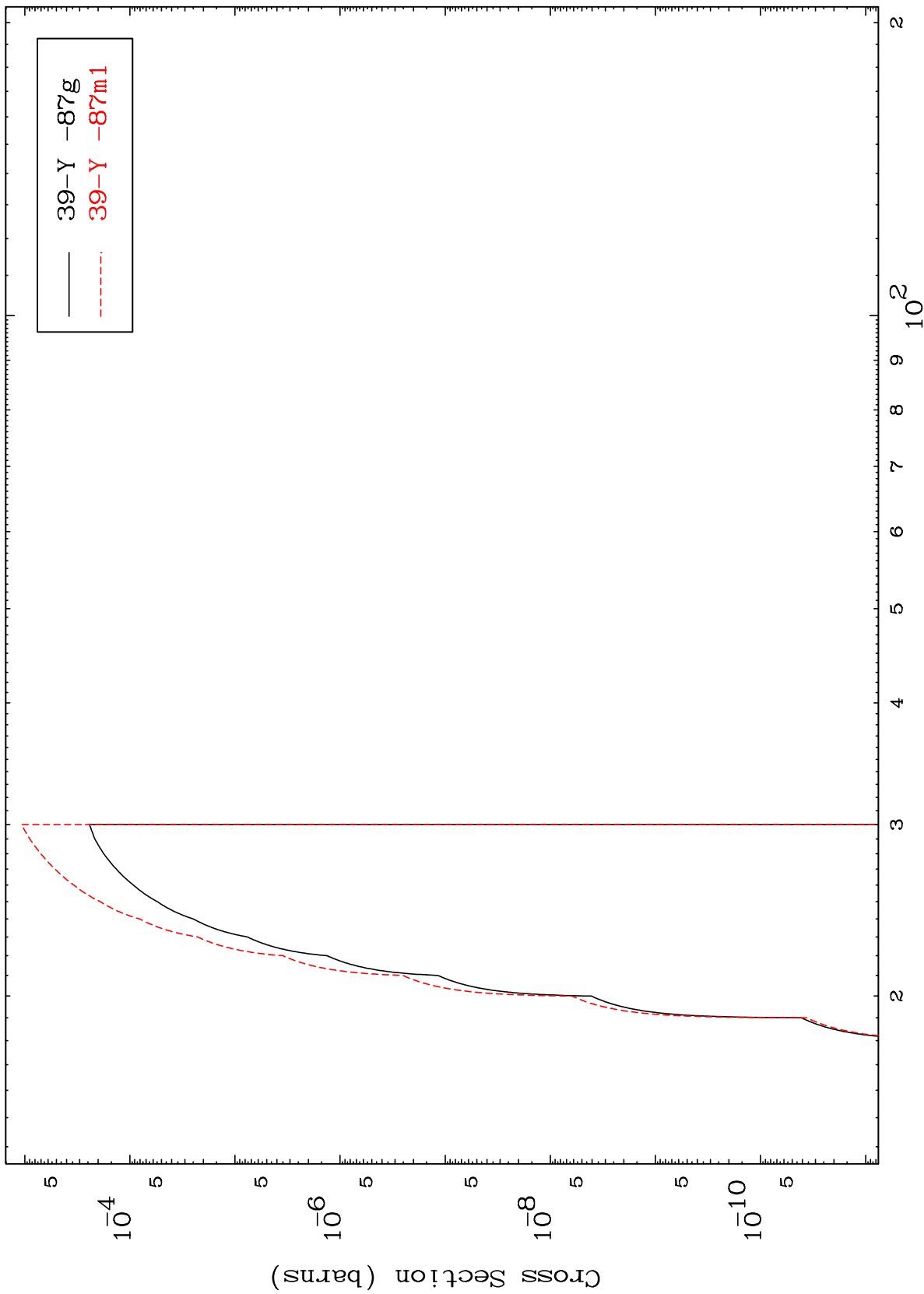
124

MAT 4116

(n,p) t

41-Nb-90

Radionuclide Production Cross Section



125

Incident Energy (MeV)

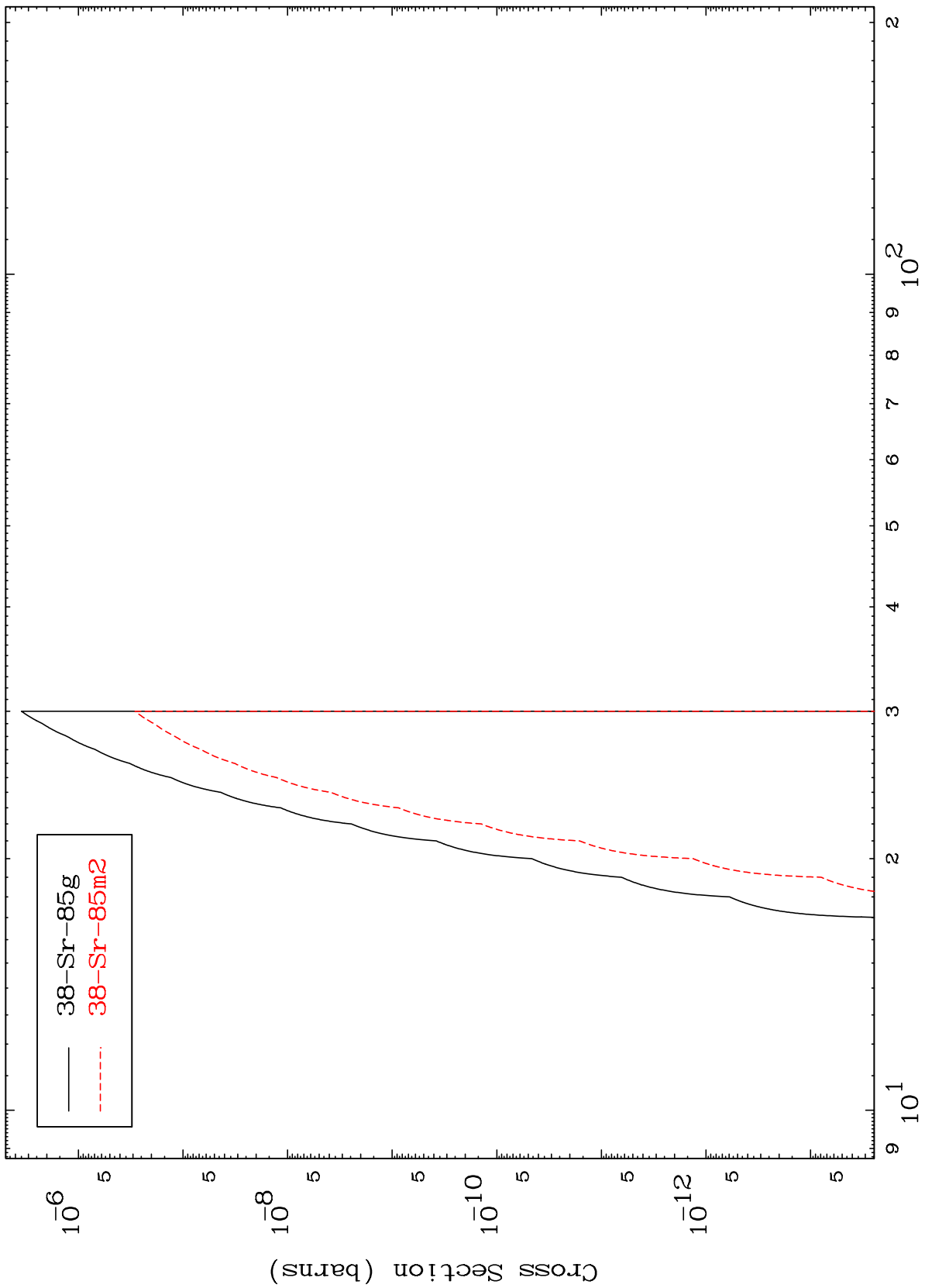
41-Nb-90

MAT 41116

(n,d) α

41-Nb-90

Radionuclide Production Cross Section



126

Incident Energy (MeV)

41-Nb-90