

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

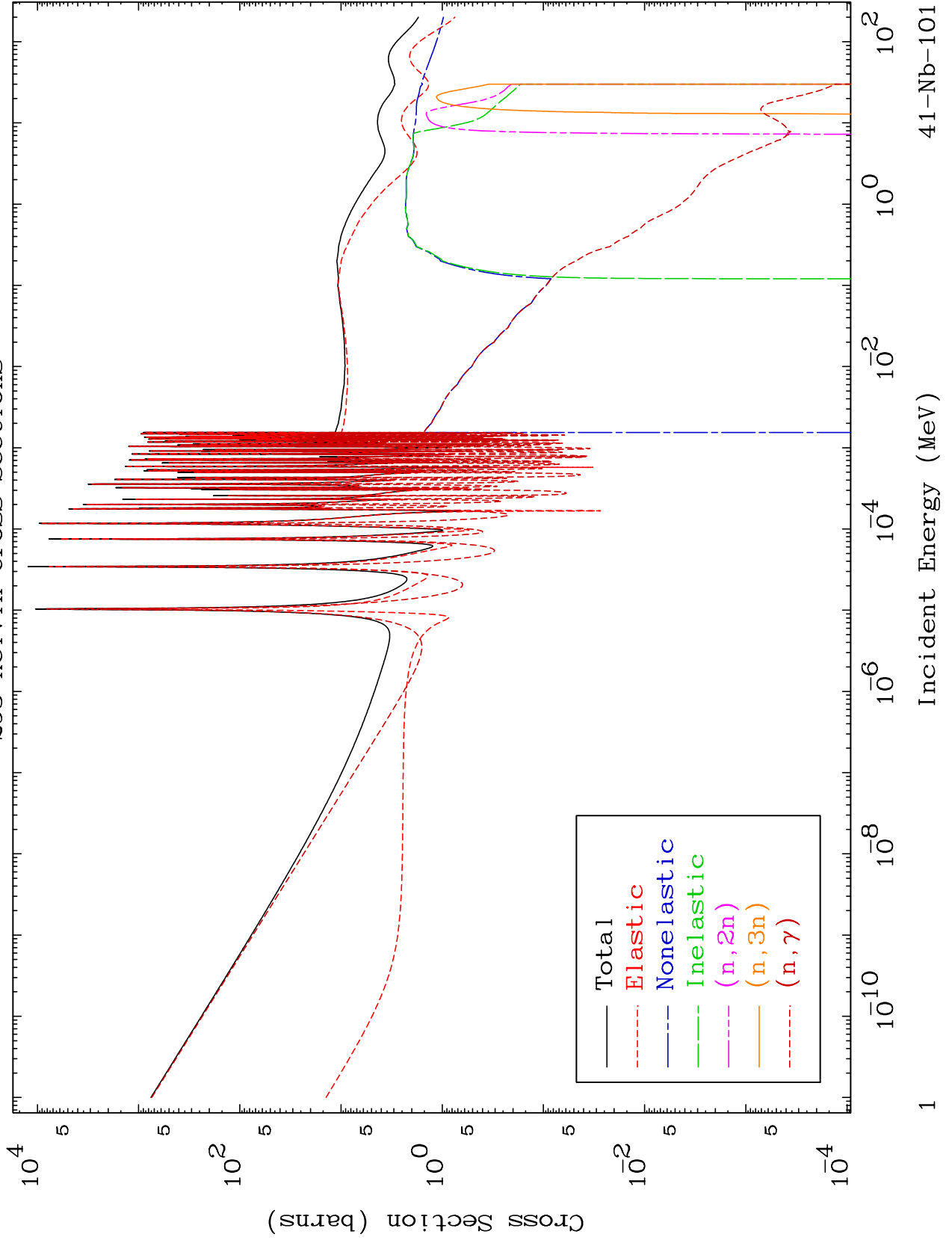
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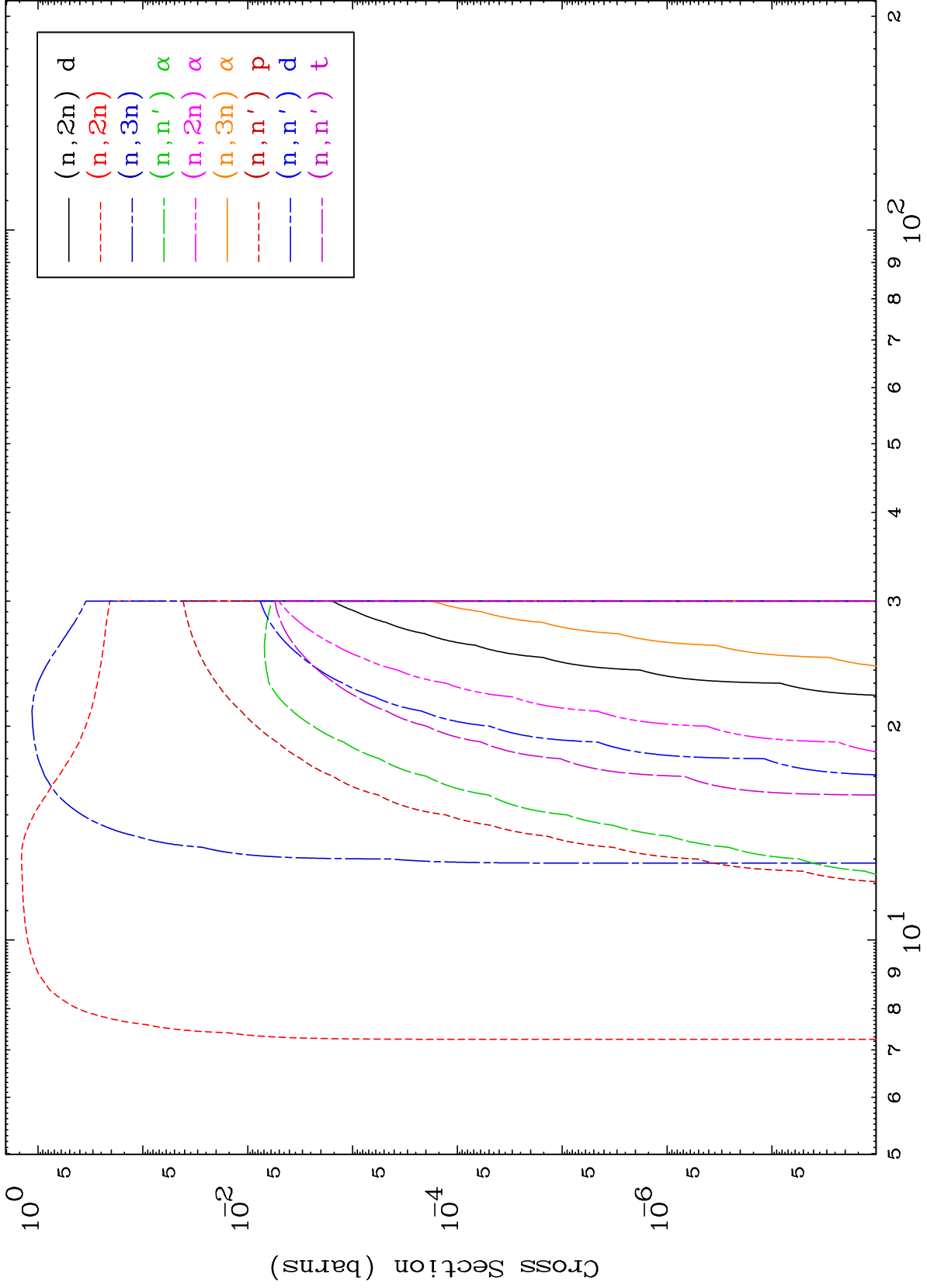
Press Mouse Button to Start

MAT 4149

Neutron Major
293 Kelvin Cross Sections

41-Nb-101

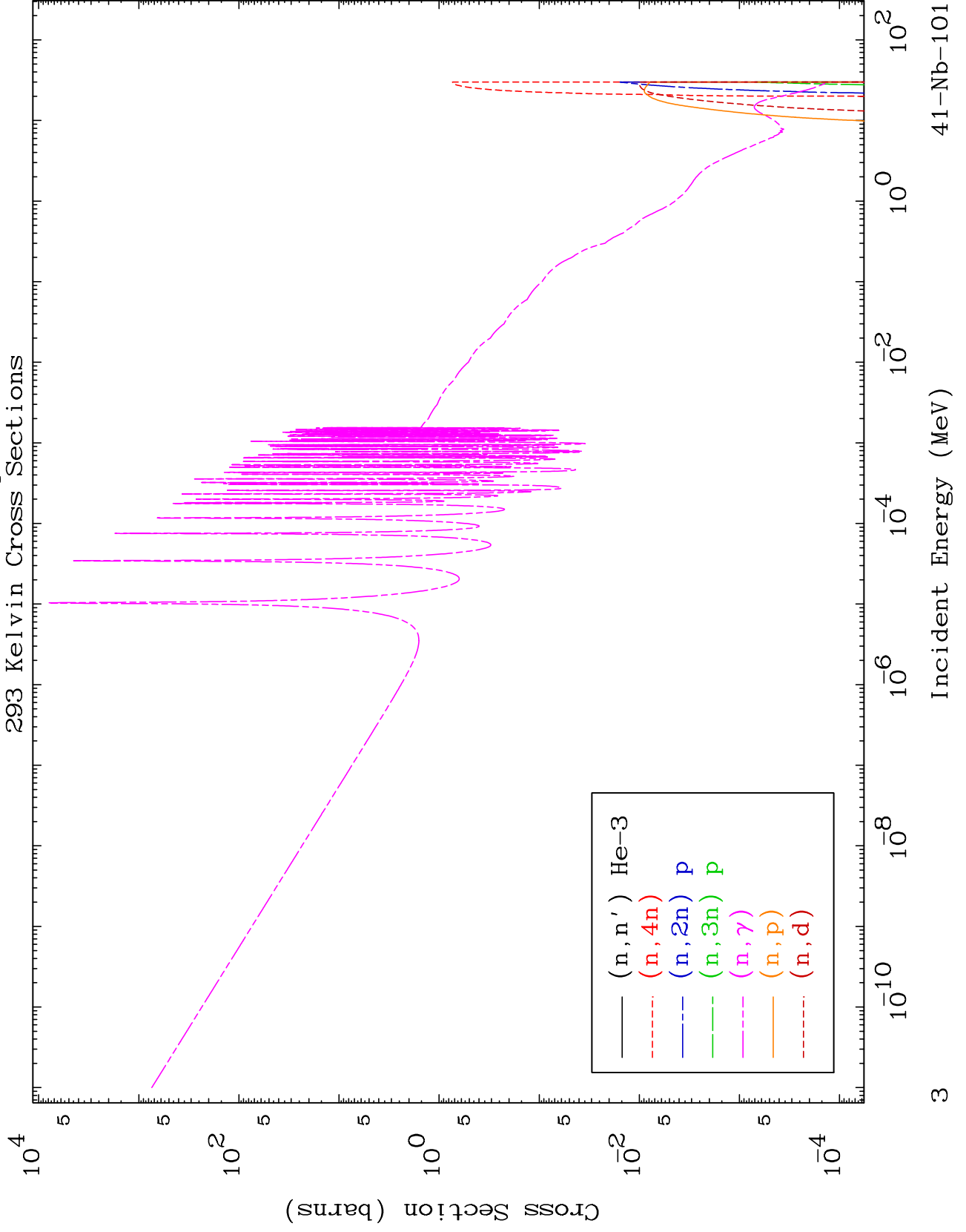




MAT 4149

Neutron Absorption
293 Kelvin Cross Sections

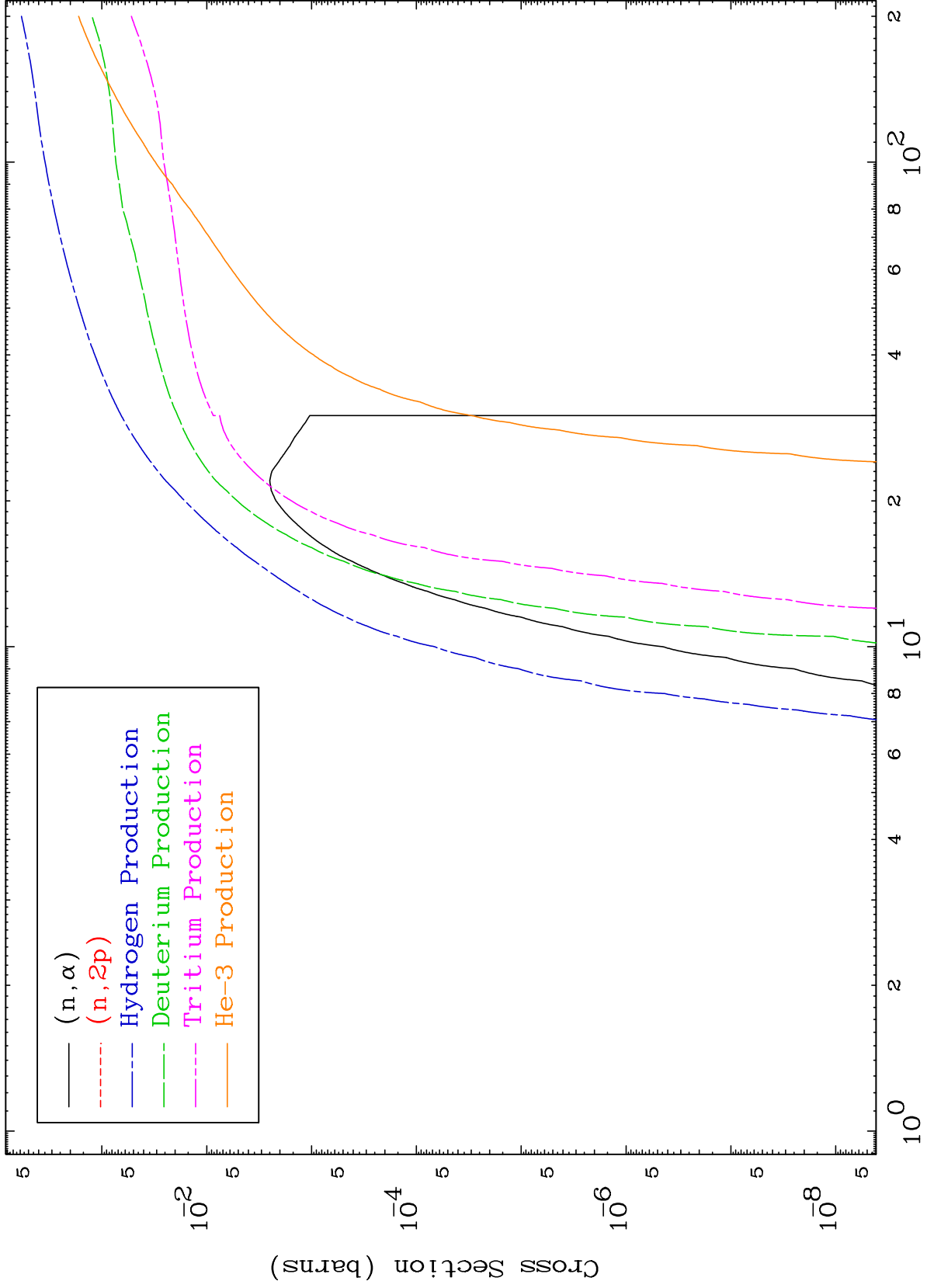
41-Nb-101



MAT 4149

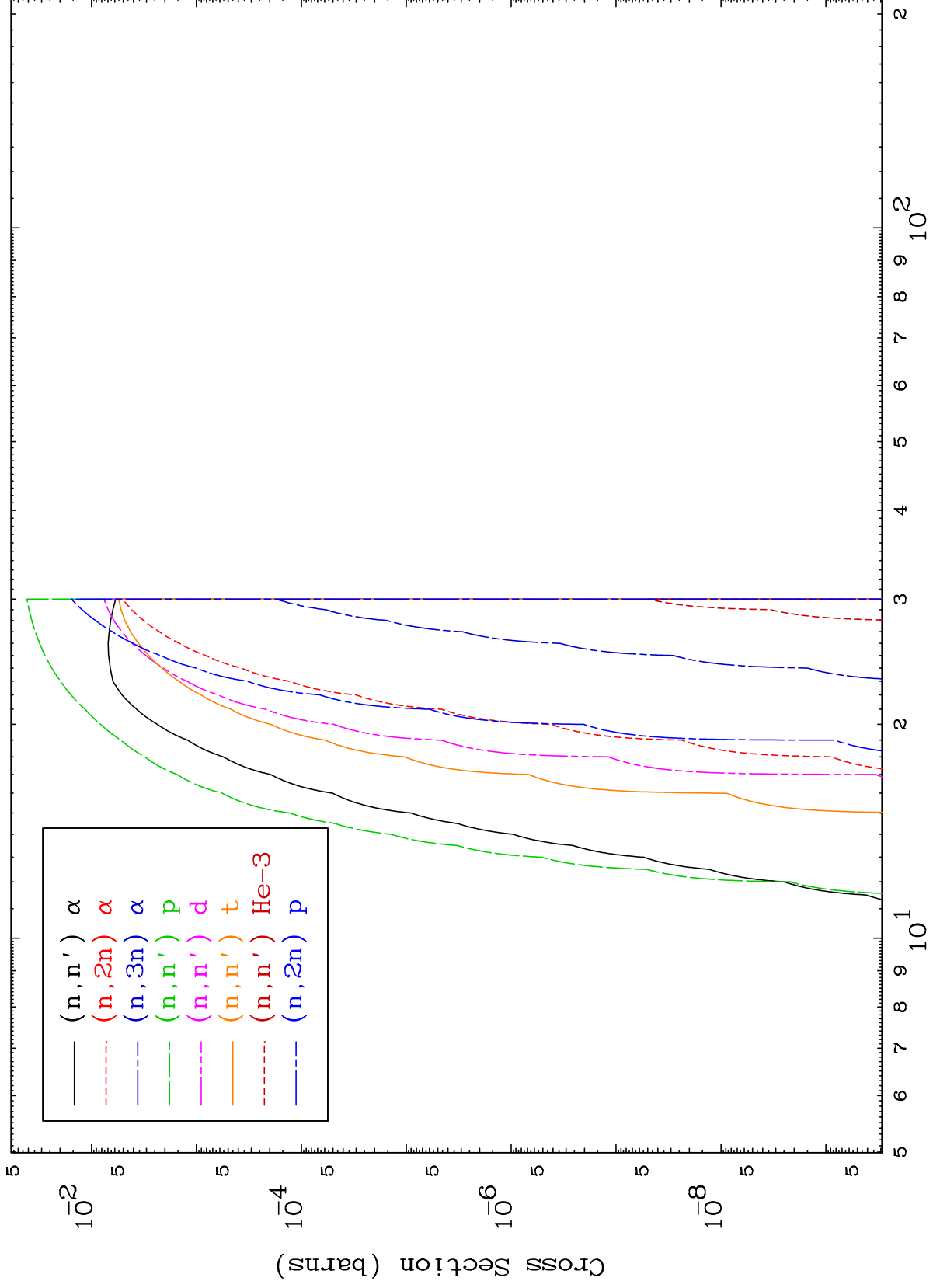
Neutron Absorption
293 Kelvin Cross Sections

41-Nb-101



Incident Energy (MeV)

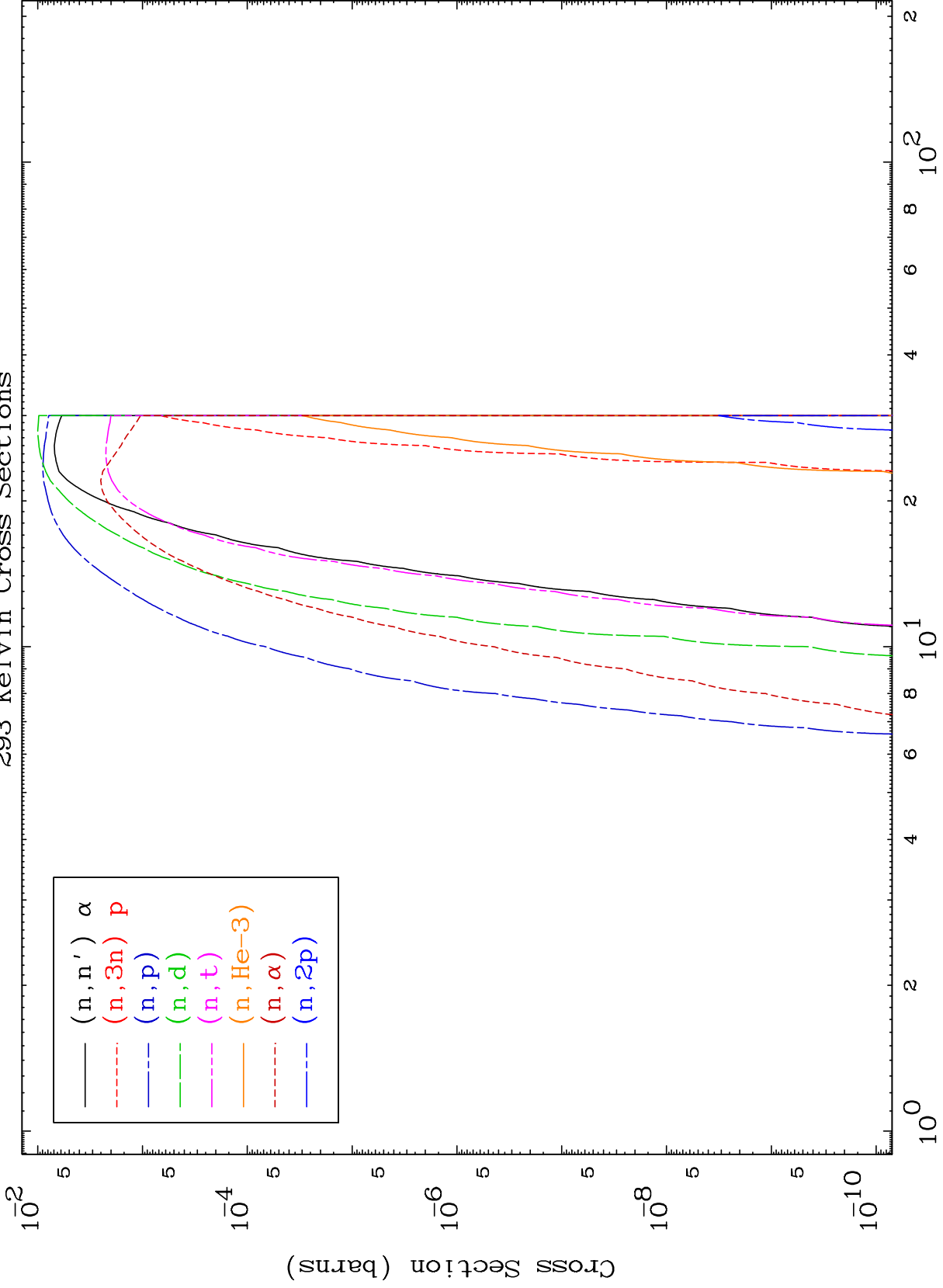
41-Nb-101



MAT 4149

Charged Particle
293 Kelvin Cross Sections

41-Nb-101



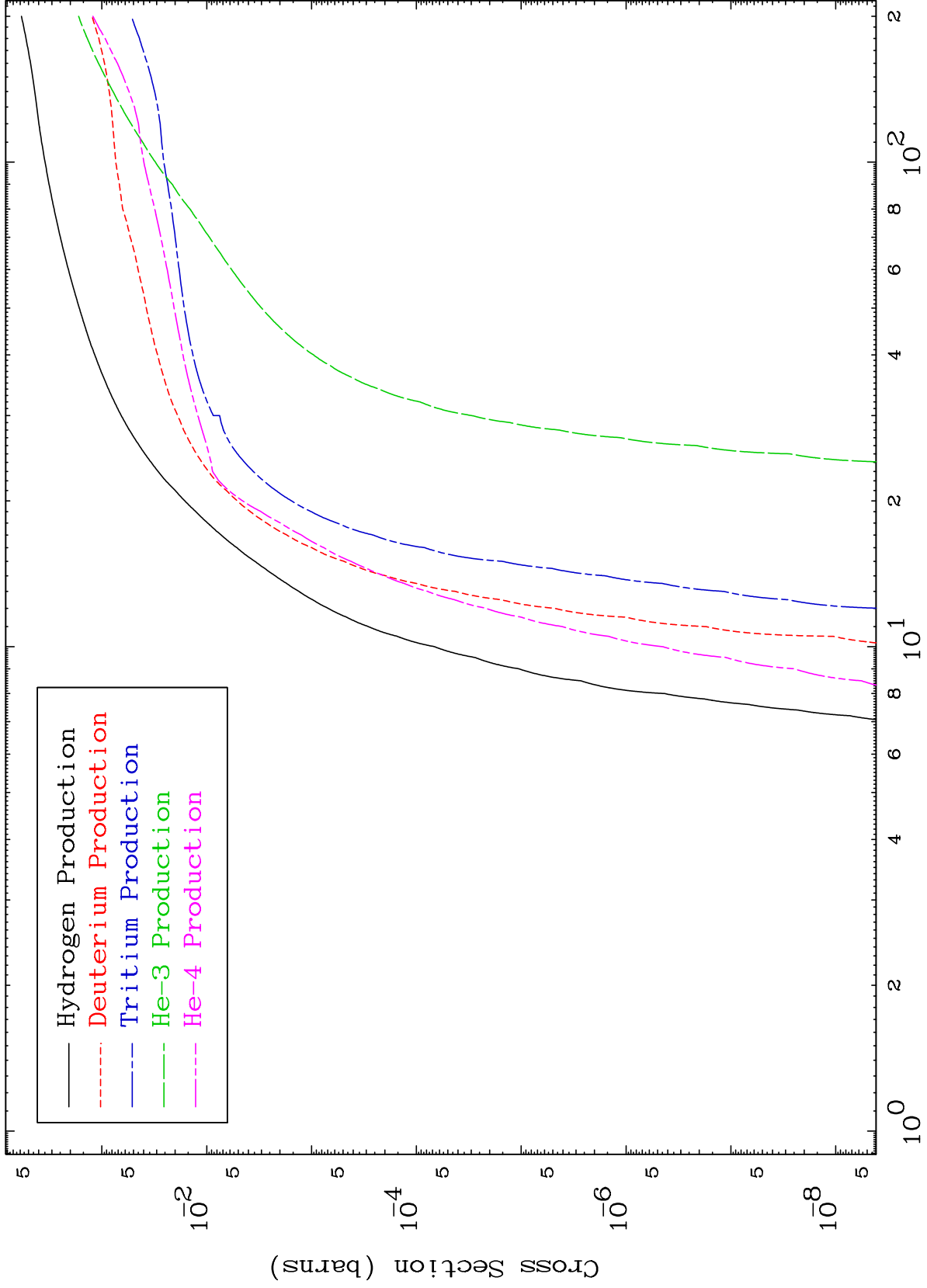
Incident Energy (MeV)

41-Nb-101

MAT 4149

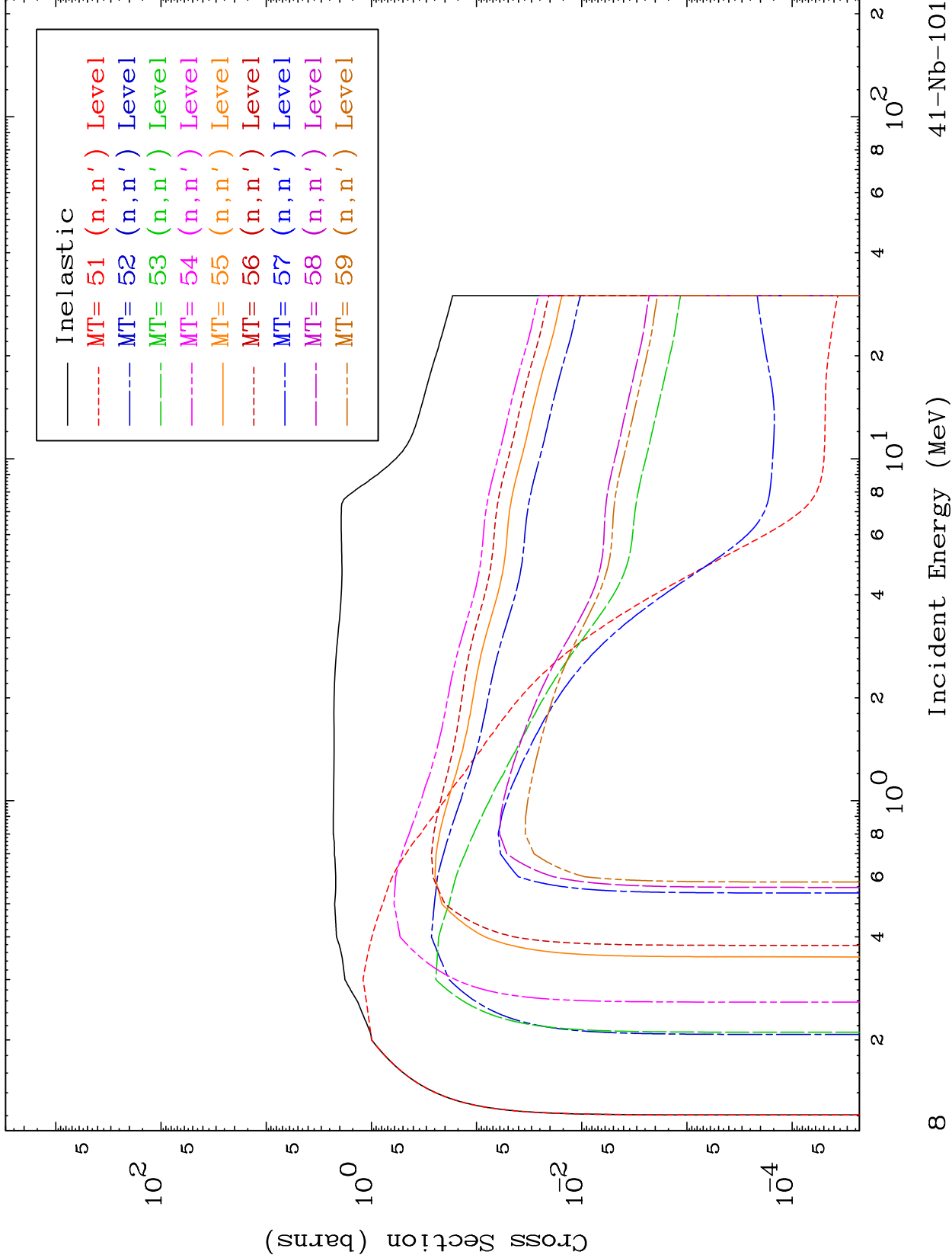
Particle Production
293 Kelvin Cross Sections

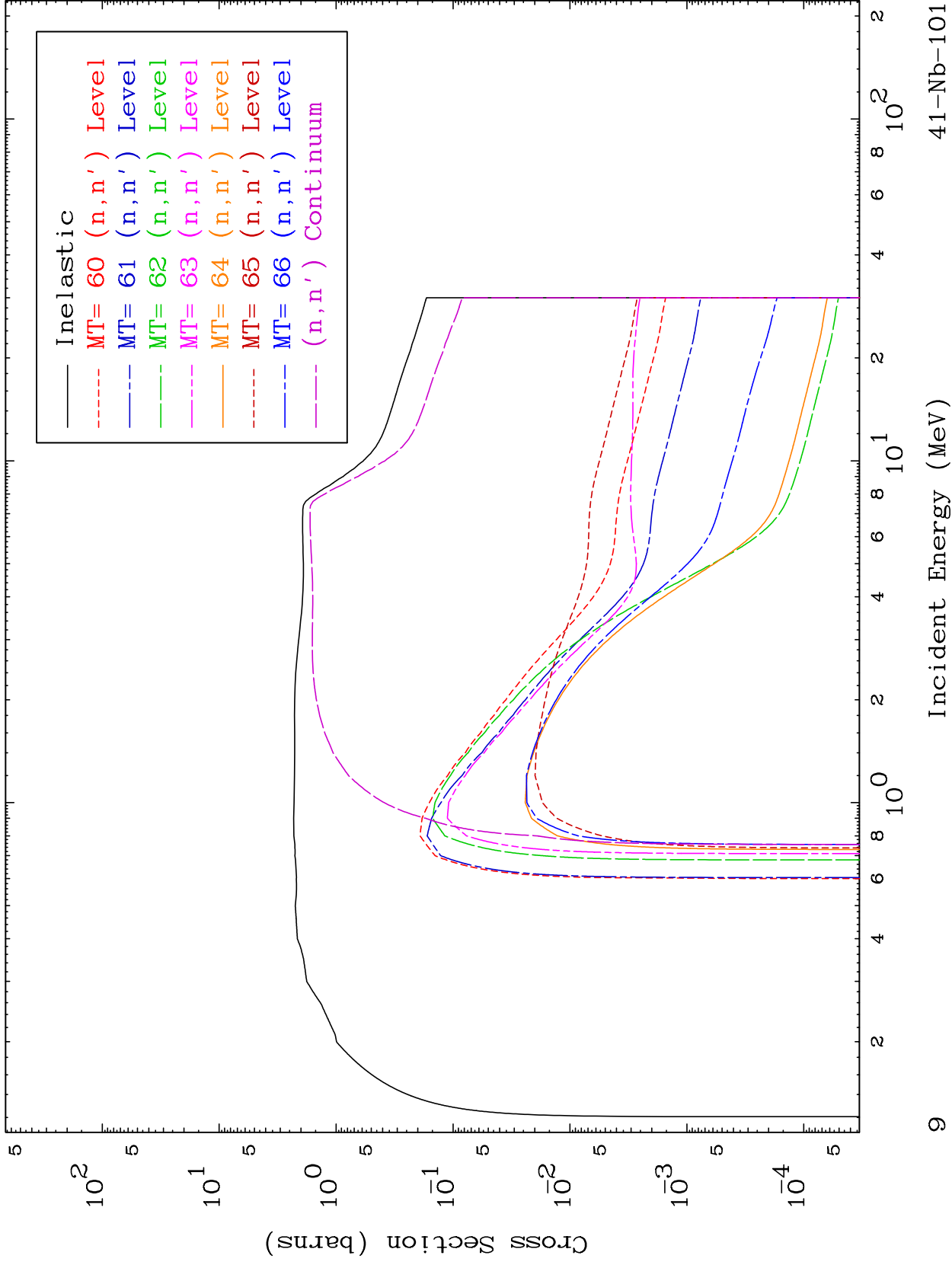
41-Nb-101



Incident Energy (MeV)

41-Nb-101

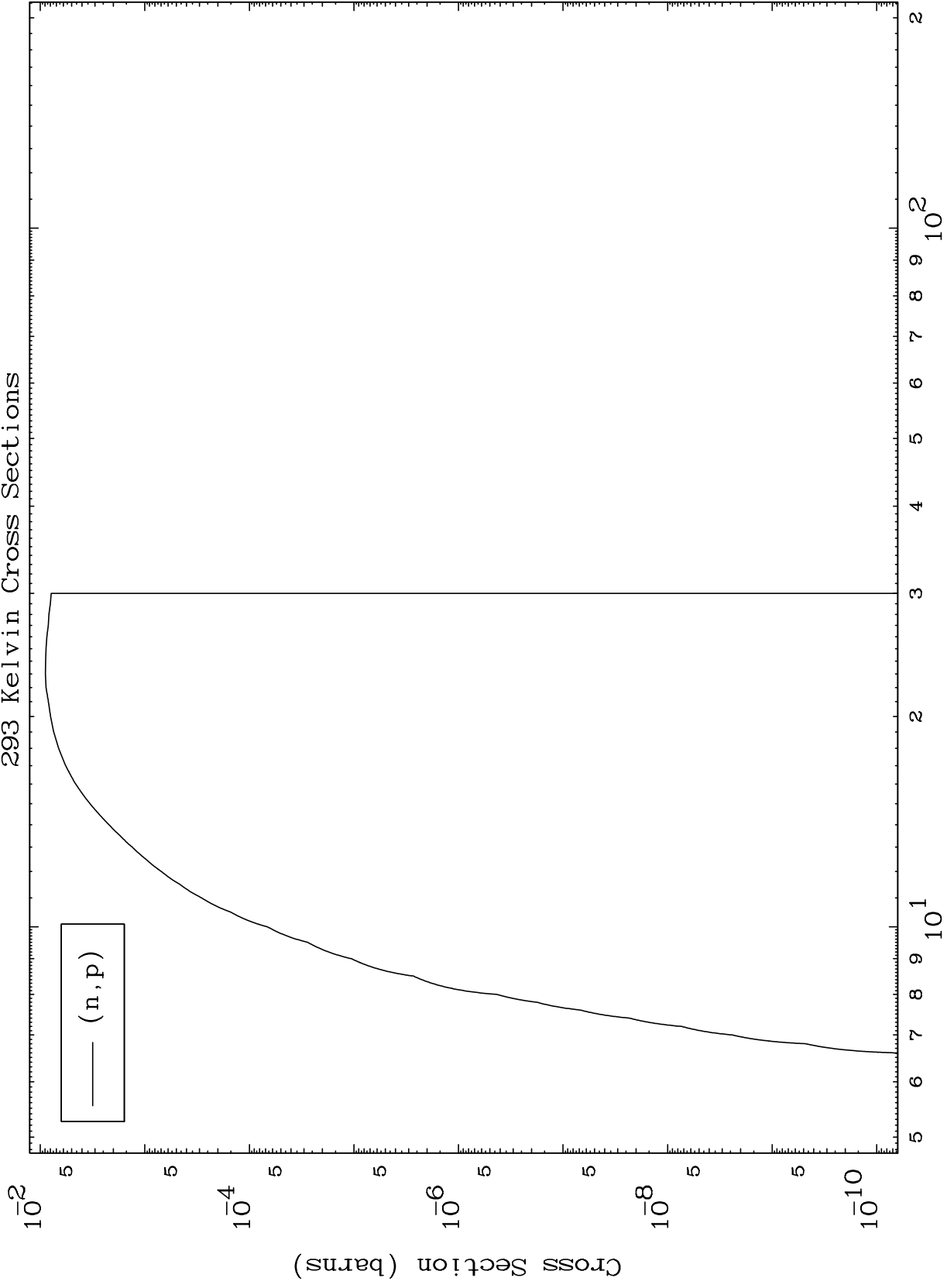




MAT 4149

41-Nb-101

(n,p) Levels
293 Kelvin Cross Sections



41-Nb-101

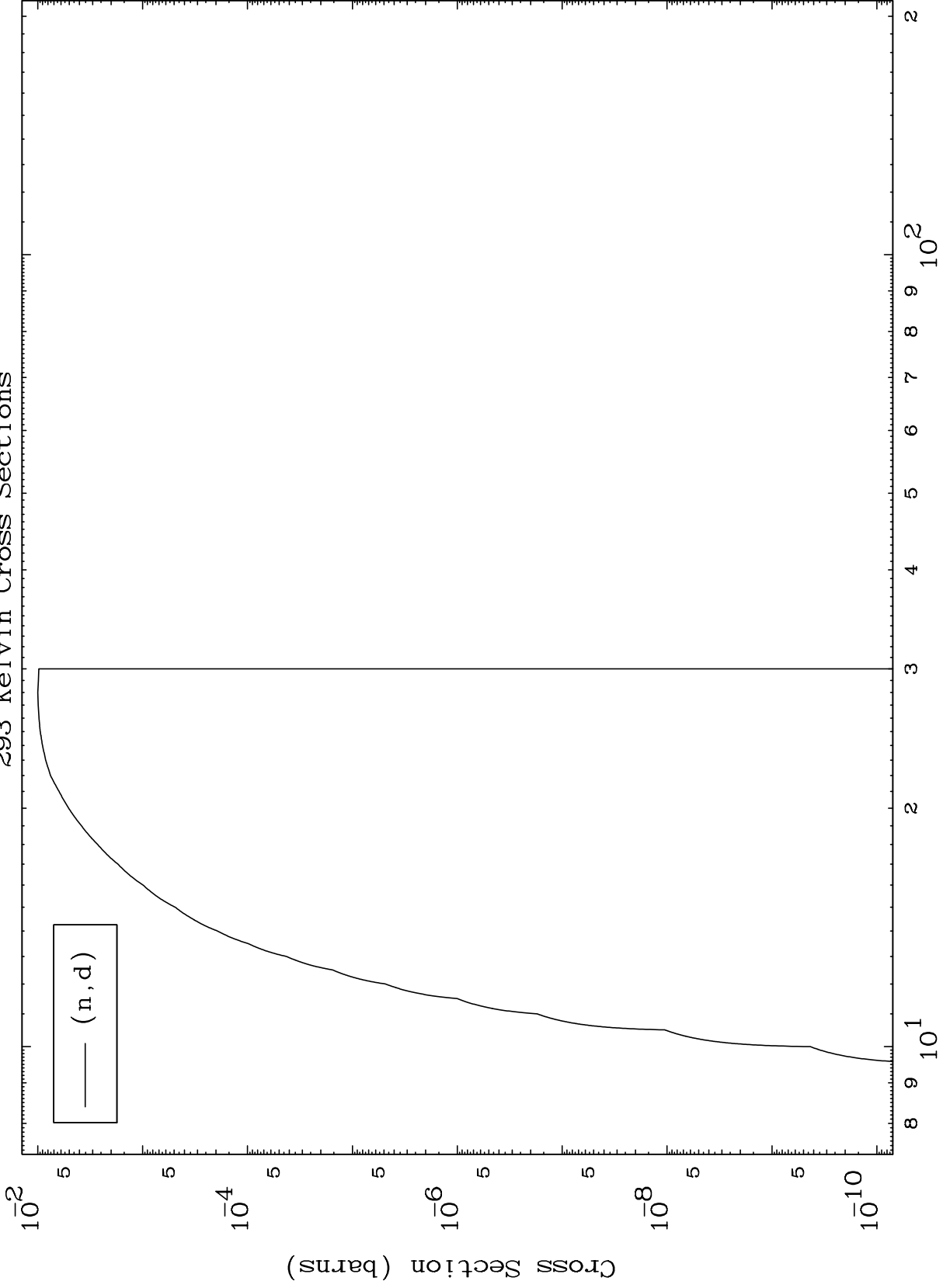
Incident Energy (MeV)

10

MAT 4149

41-Nb-101

(n,d) Levels
293 Kelvin Cross Sections



11

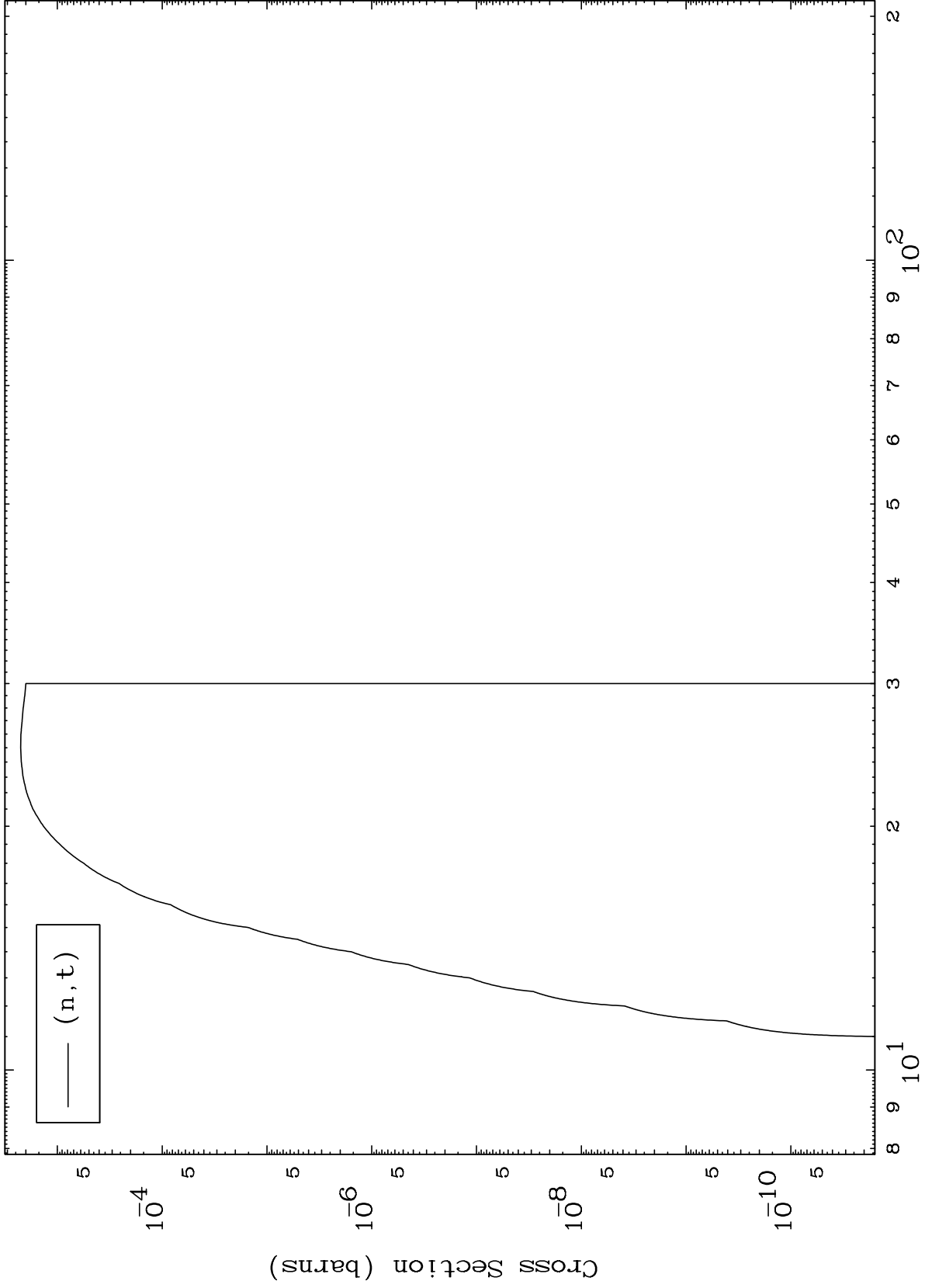
Incident Energy (MeV)

41-Nb-101

MAT 4149

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-101



12

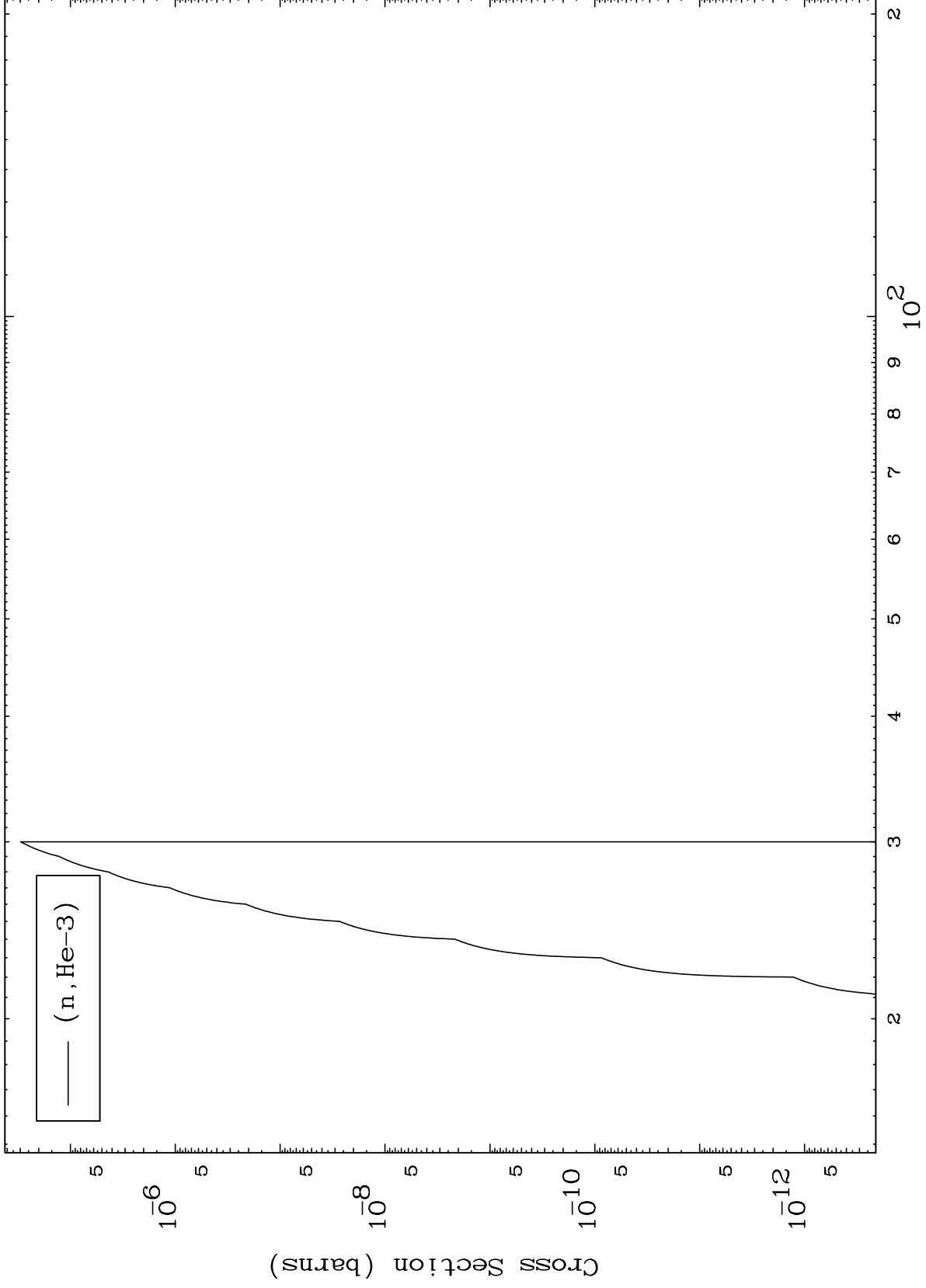
Incident Energy (MeV)

41-Nb-101

MAT 4149

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-101



13

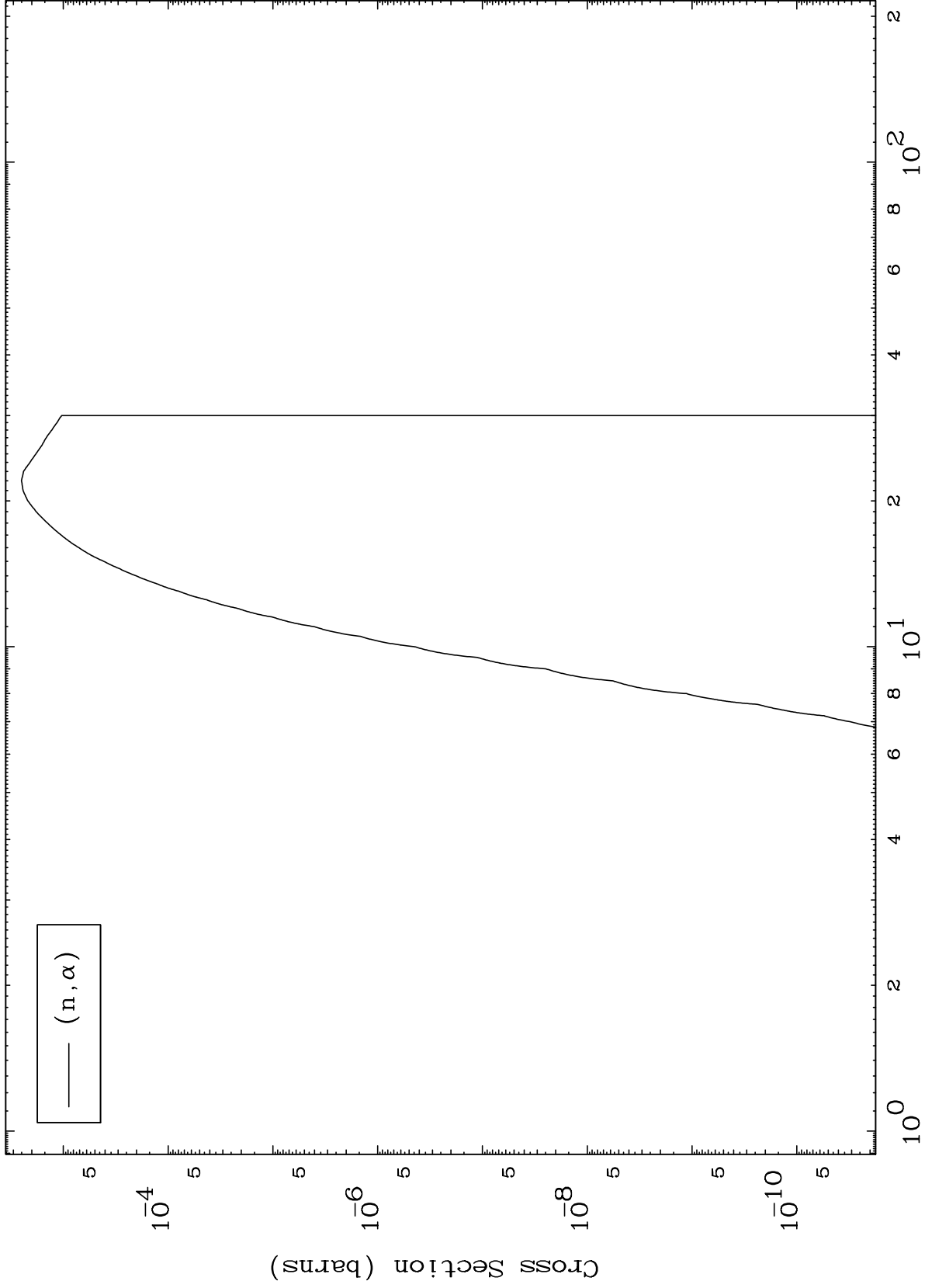
Incident Energy (MeV)

41-Nb-101

MAT 4149

(n, α) Levels
293 Kelvin Cross Sections

41-Nb-101



14

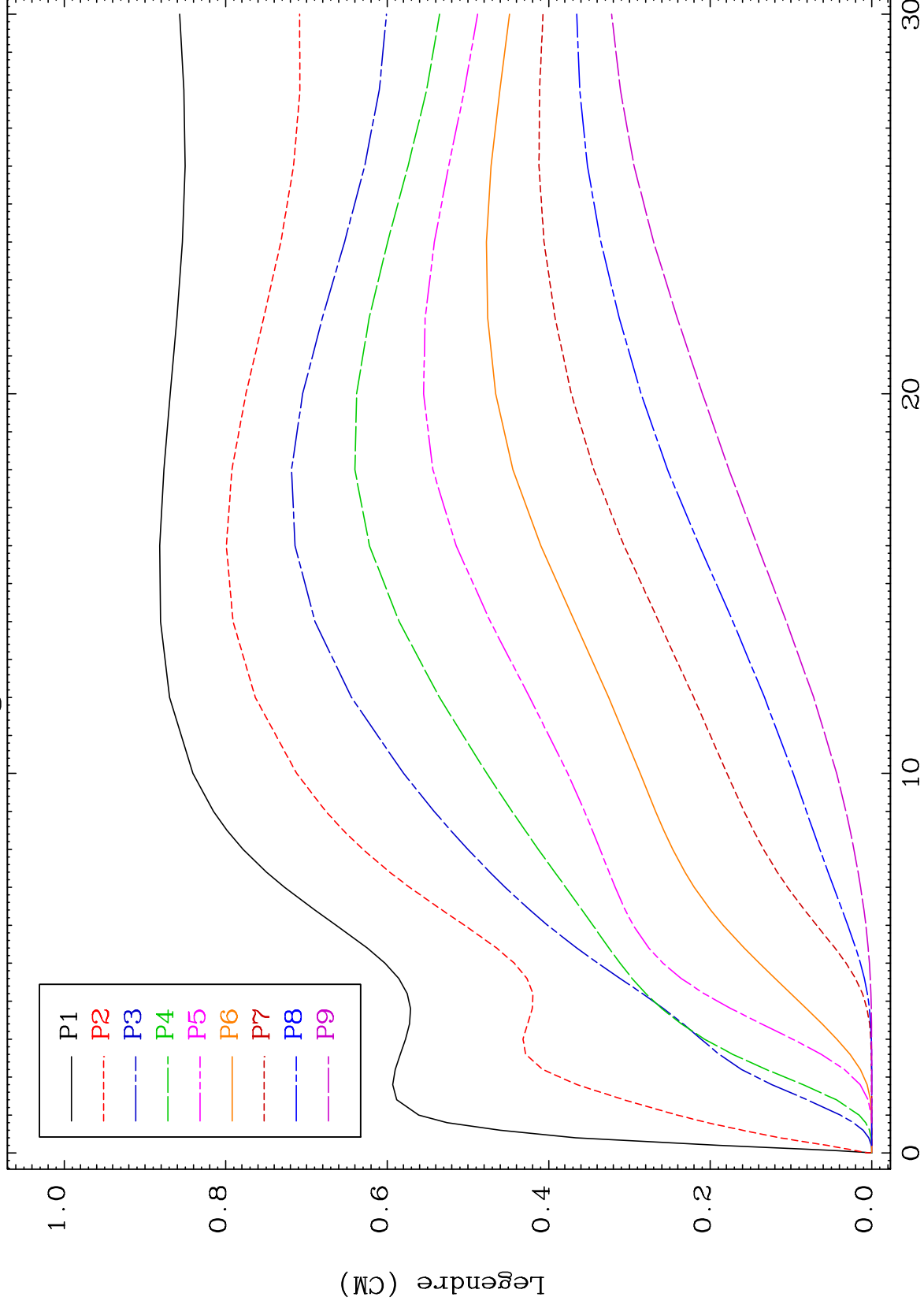
Incident Energy (MeV)

41-Nb-101

MAT 4149

Elastic
Legendre Coefficients

41-Nb-101



0

15

Incident Energy (MeV)

10

20

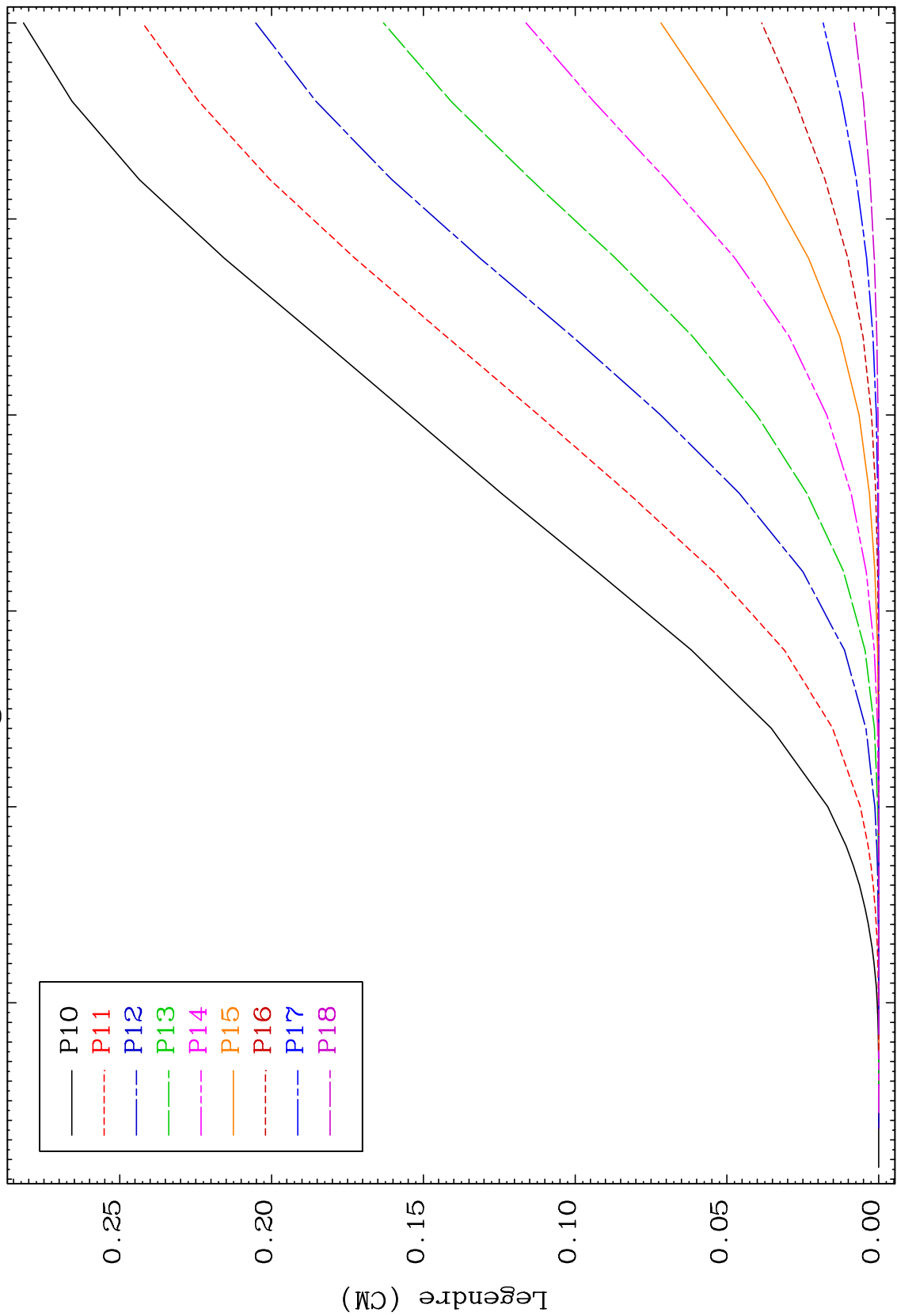
30

41-Nb-101

MAT 4149

Elastic
Legendre Coefficients

41-Nb-101



16

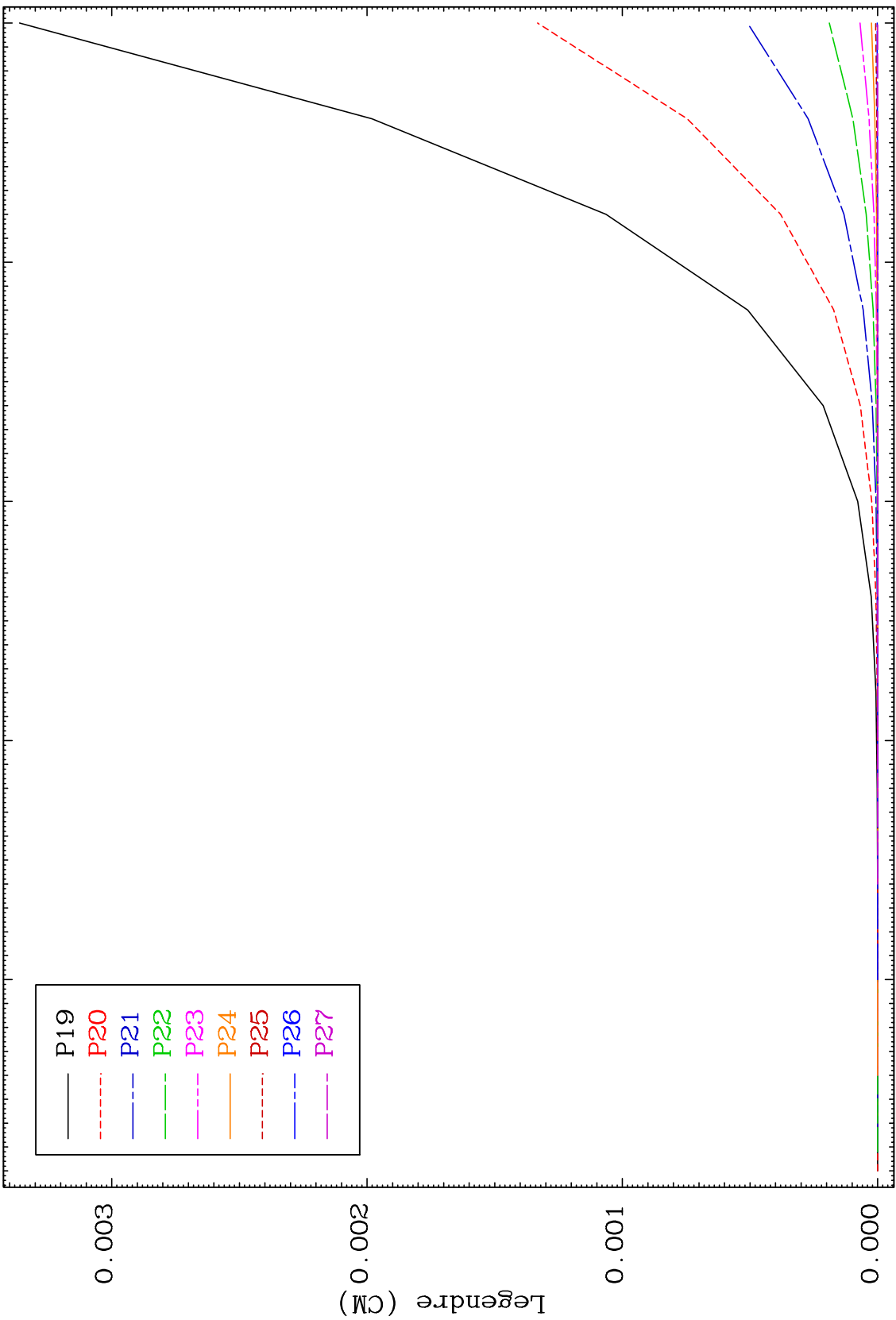
41-Nb-101

Incident Energy (MeV)

MAT 4149

Elastic Legendre Coefficients

41-Nb-101



17

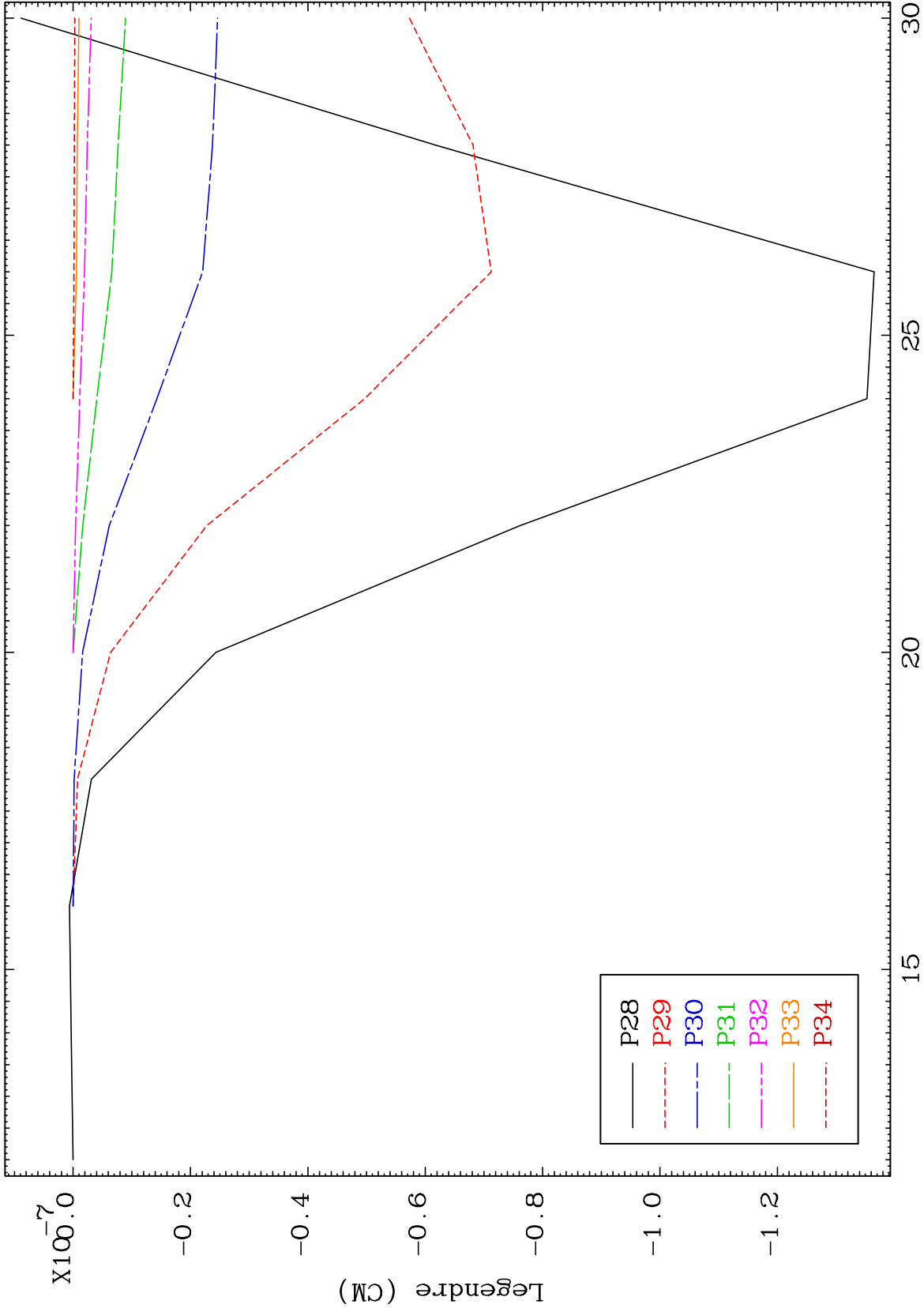
41-Nb-101

Incident Energy (MeV)

MAT 4149

41-Nb-101

Elastic Legendre Coefficients



18

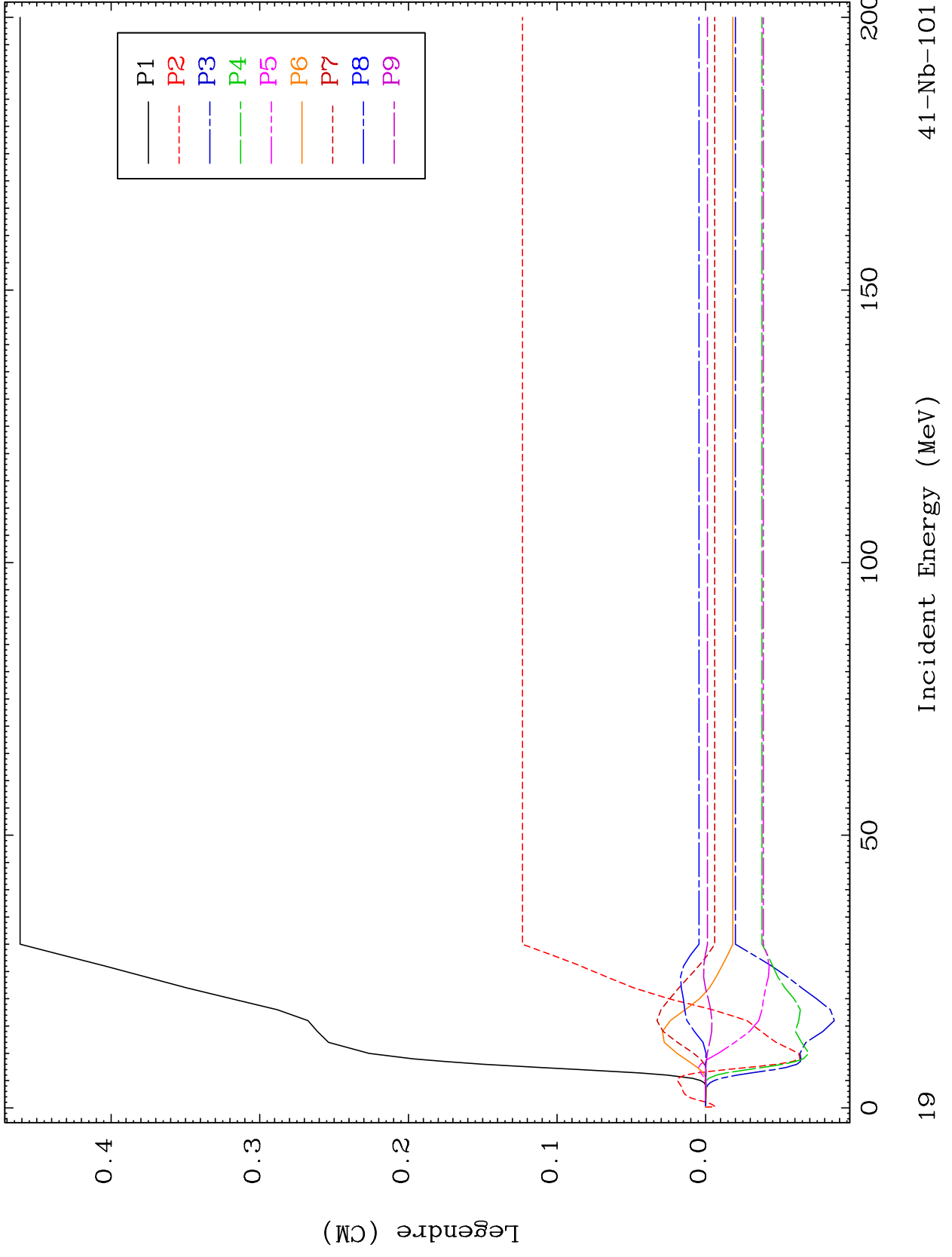
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



19

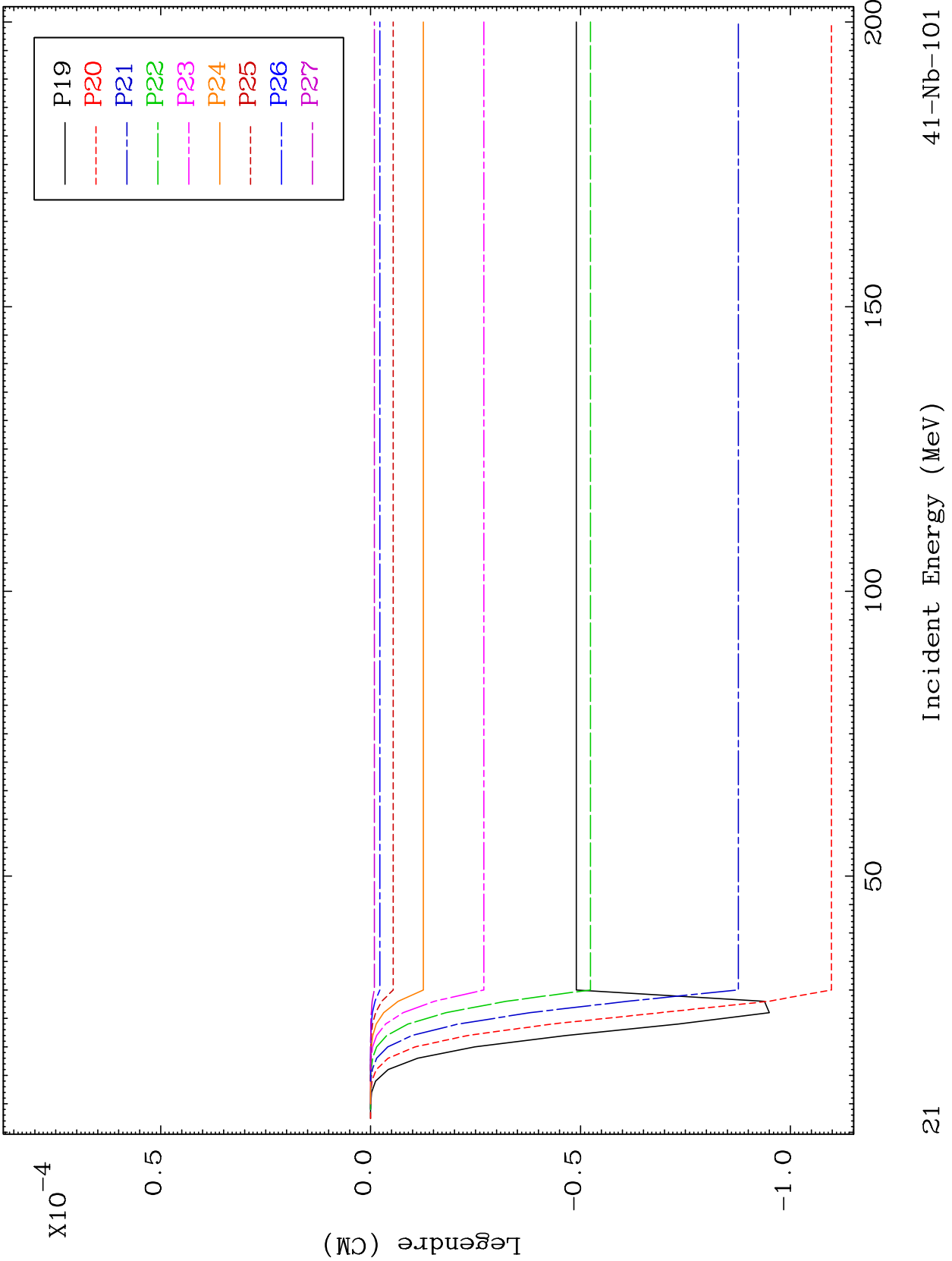
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101

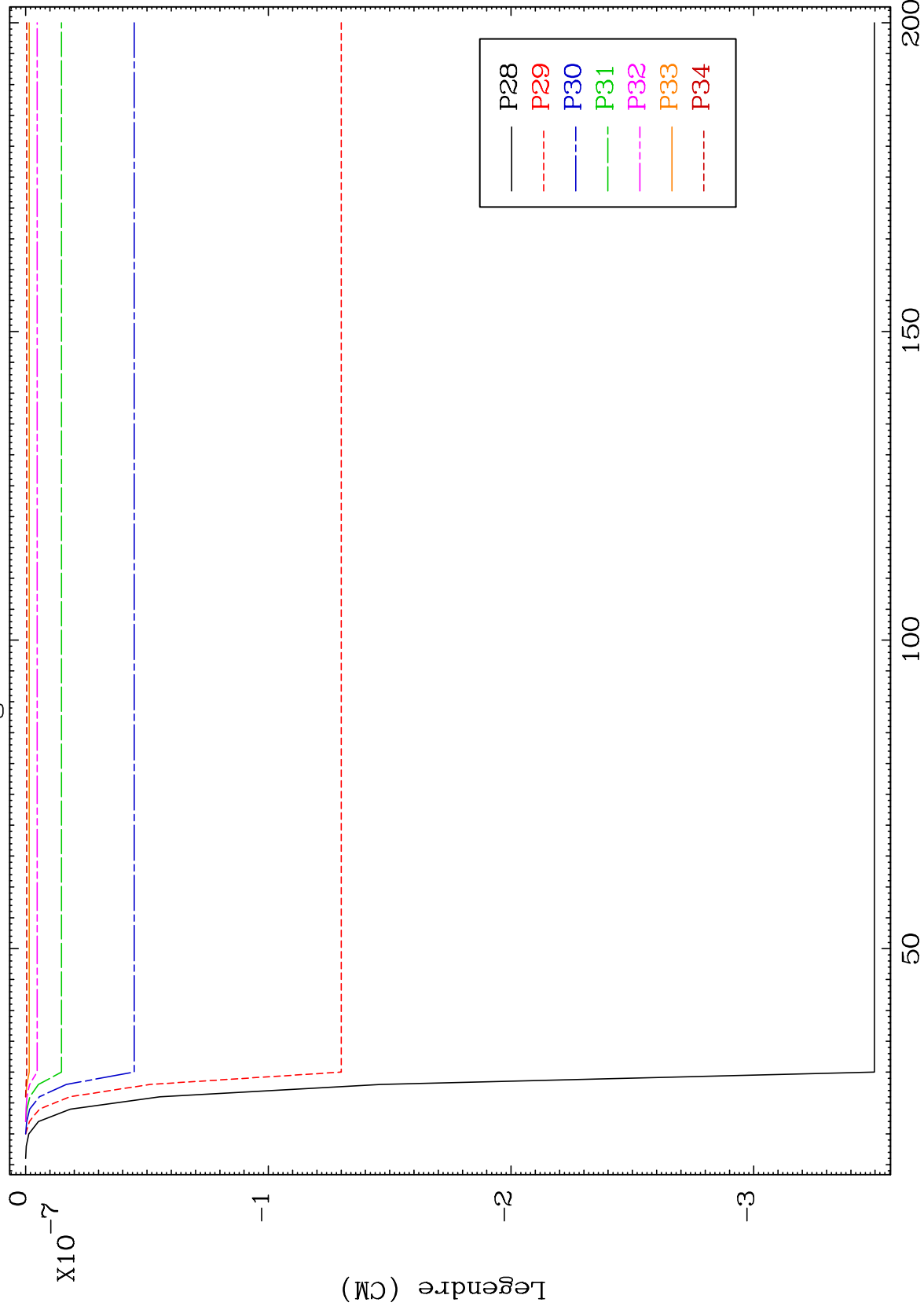


MAT 4149

MT= 51 (n,n') Level

41-Nb-101

Legendre Coefficients



22

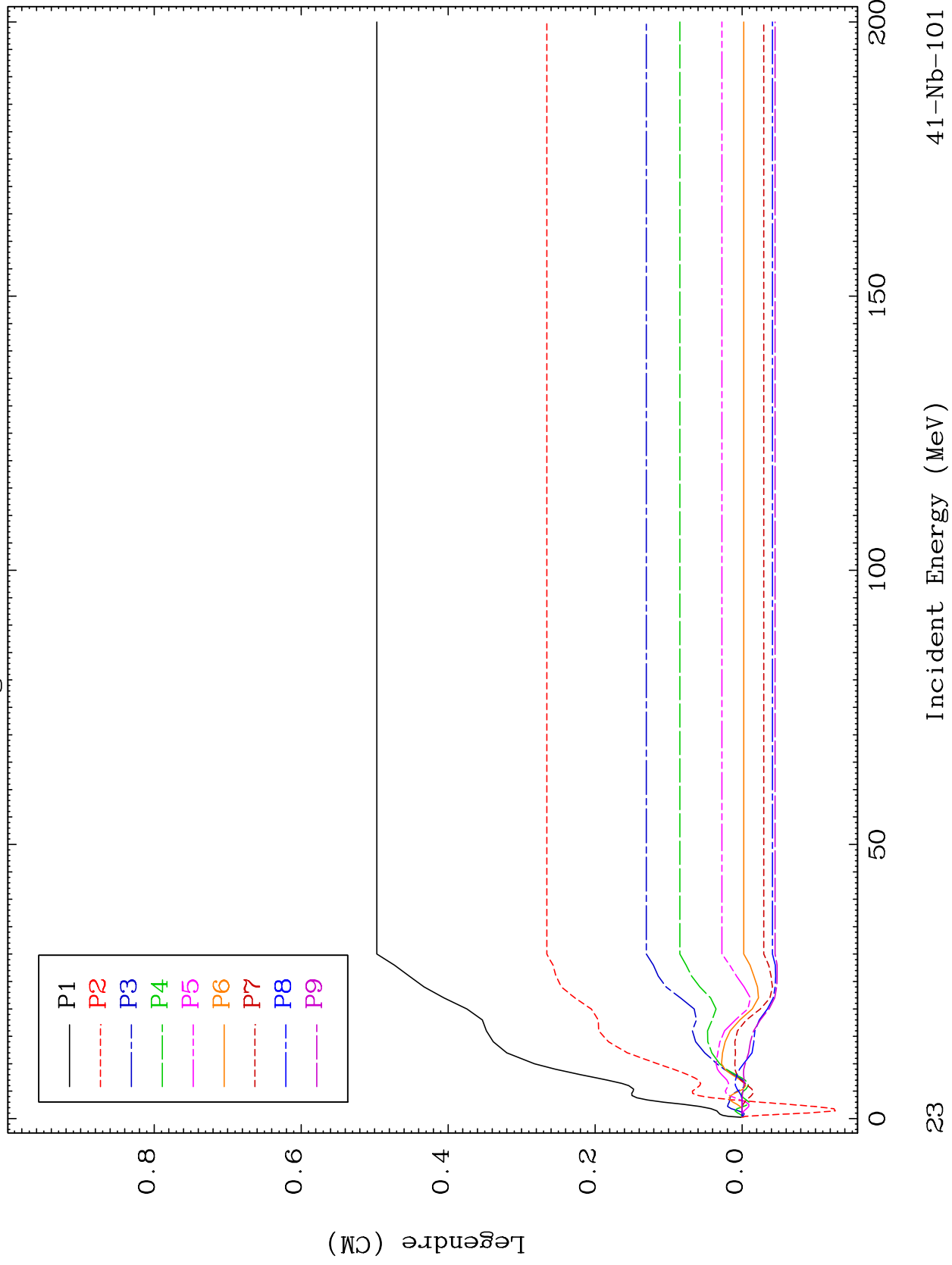
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



23

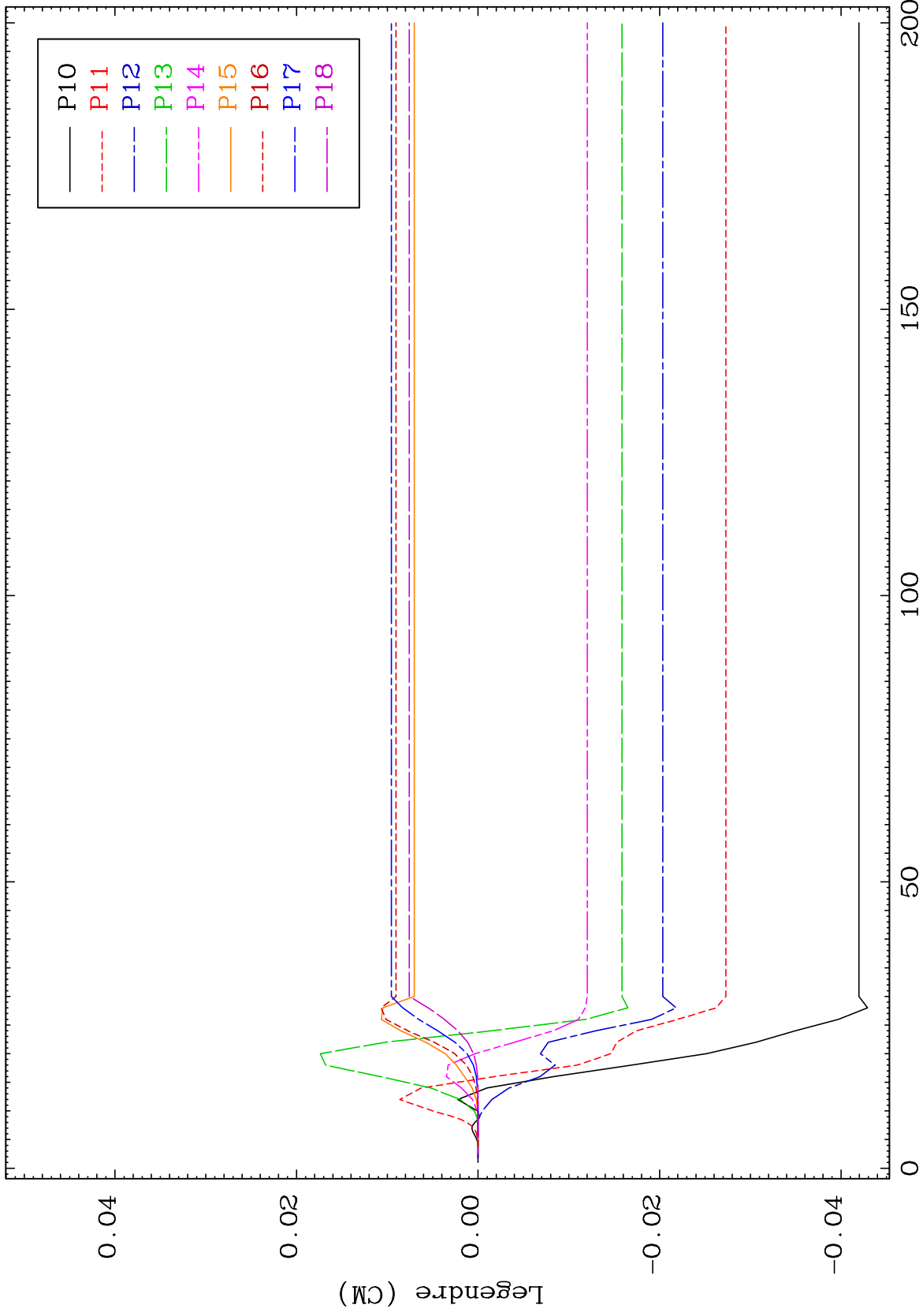
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



24

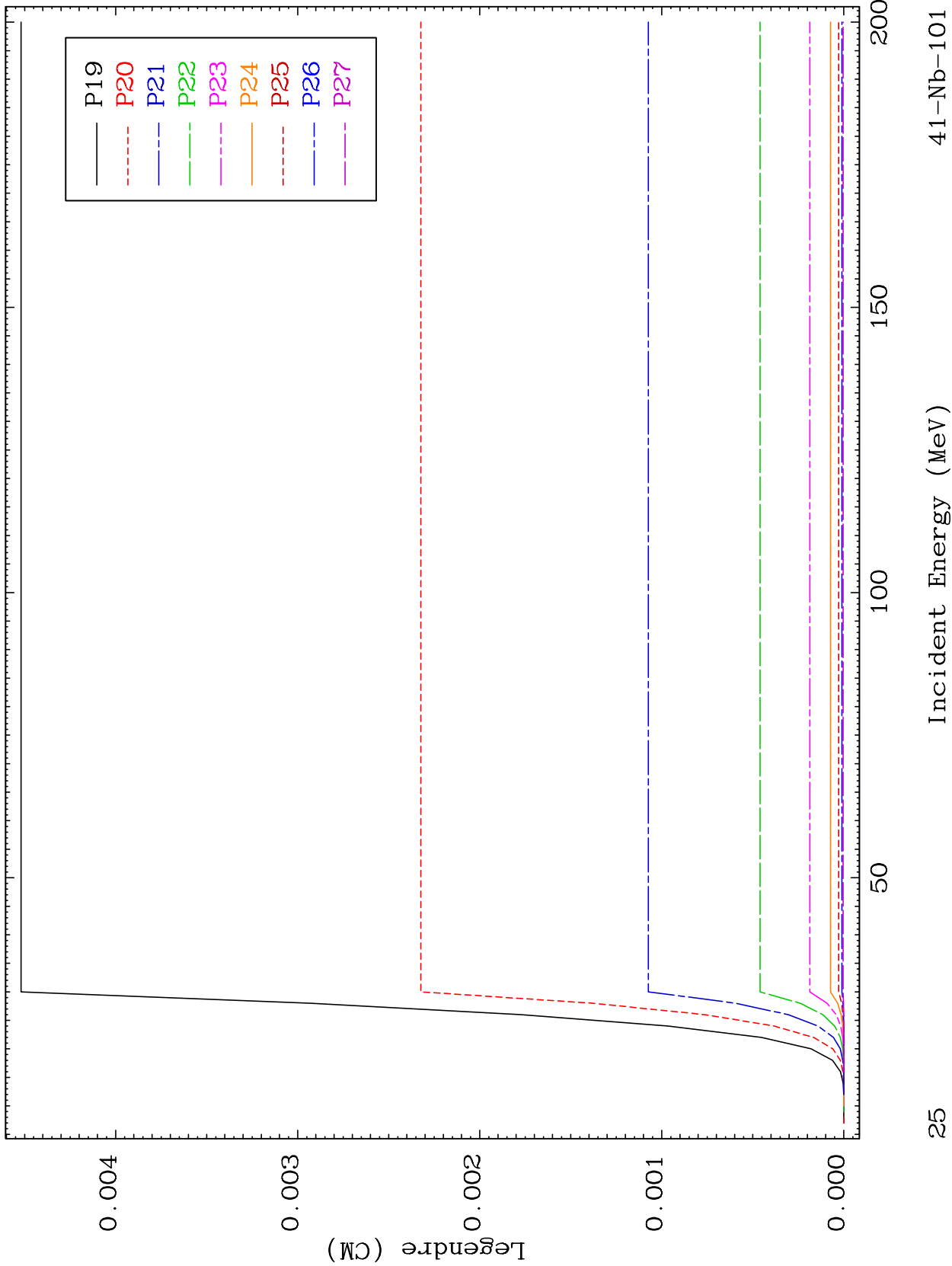
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



25

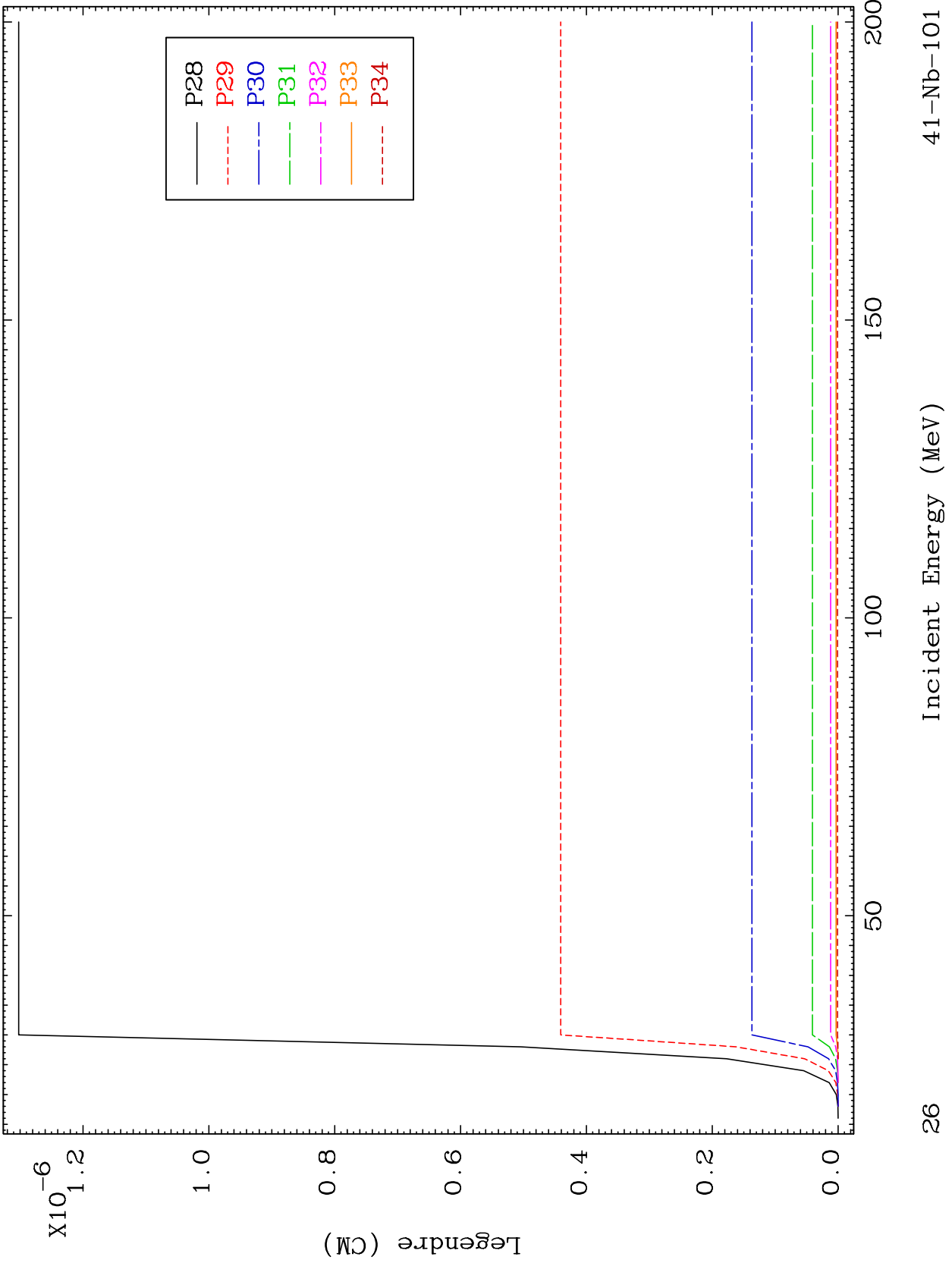
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101

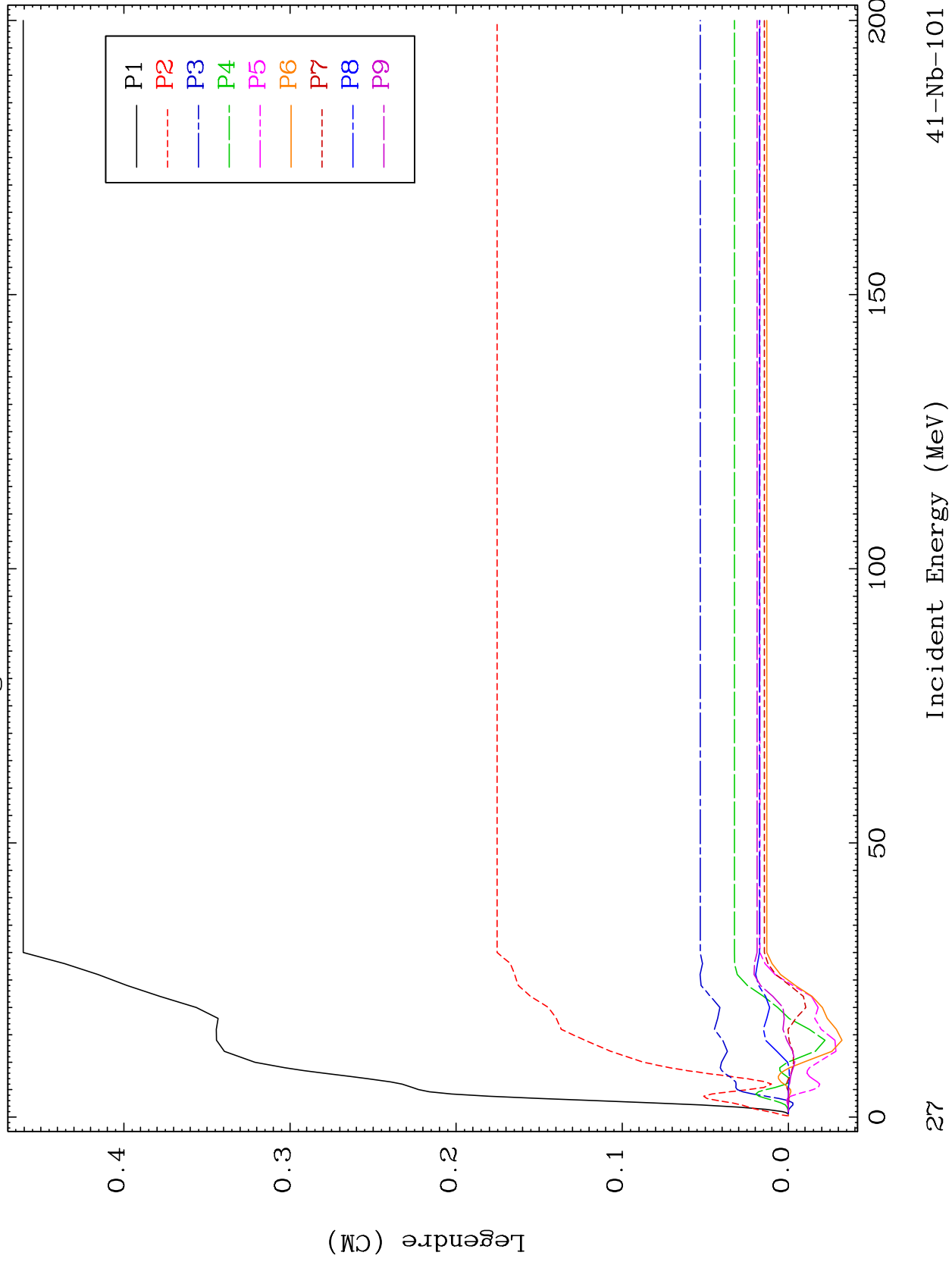


26

MAT 4149

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

41-Nb-101



41-Nb-101

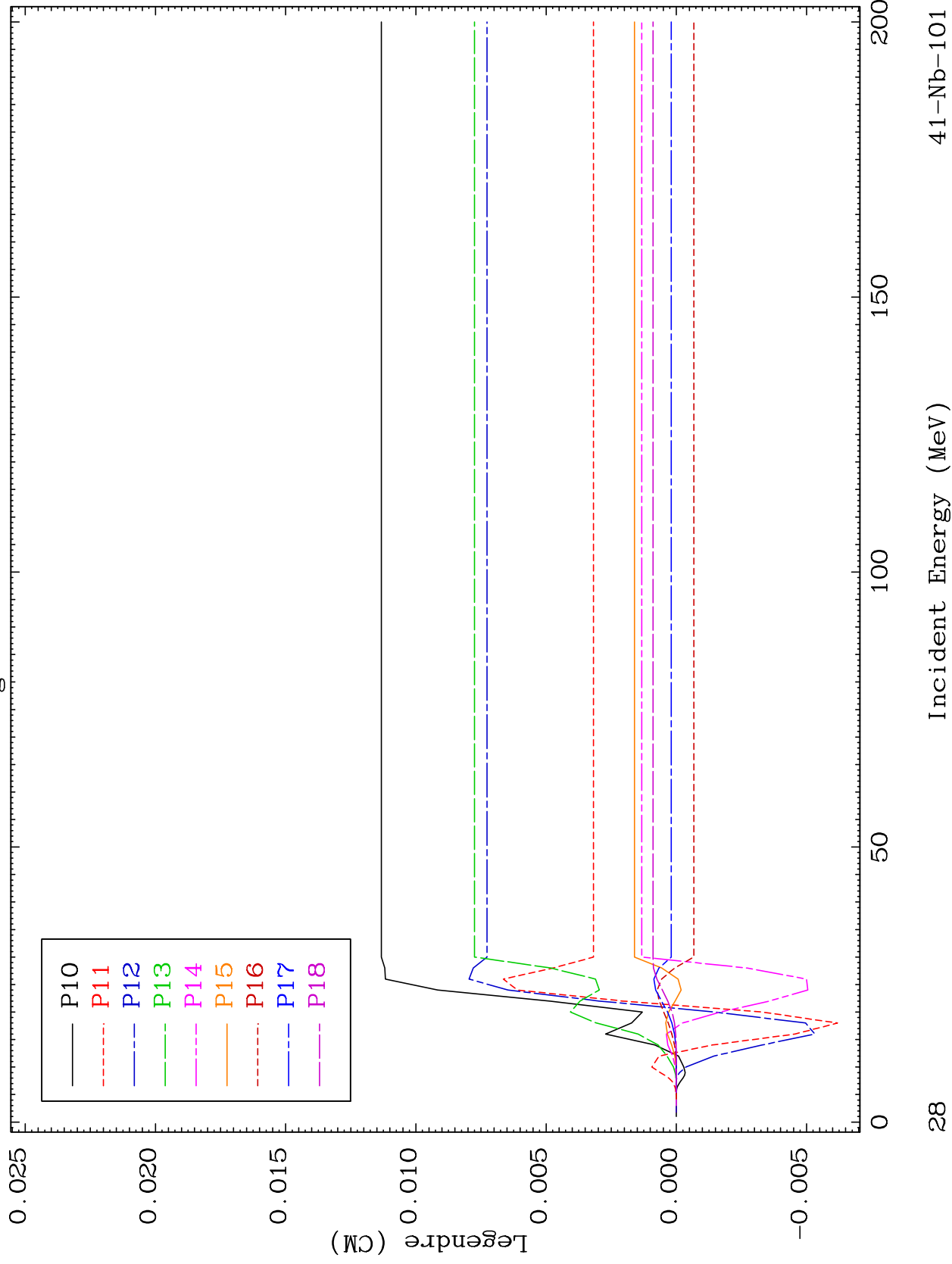
Incident Energy (MeV)

27

MAT 4149

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

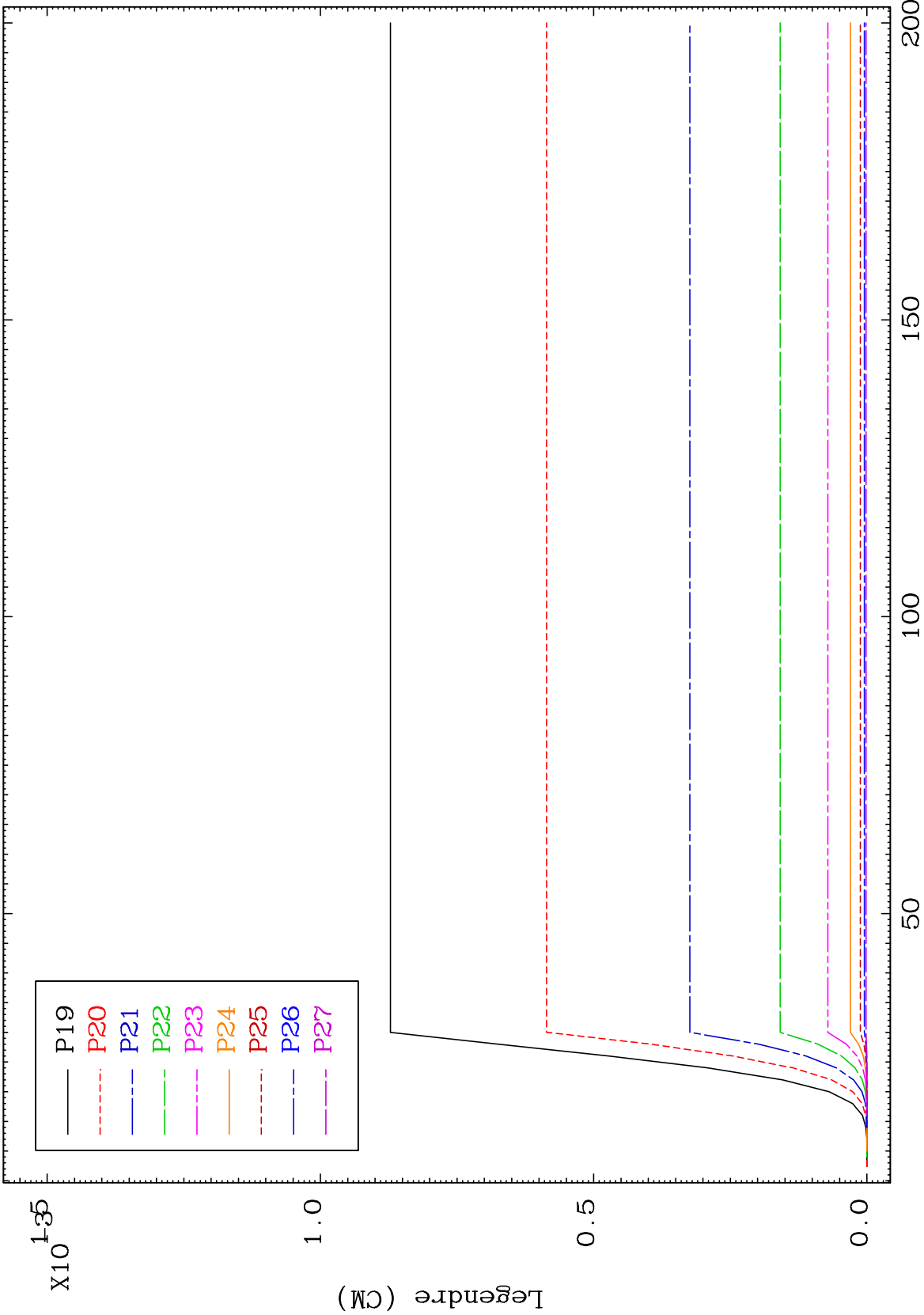
41-Nb-101



28

Incident Energy (MeV)

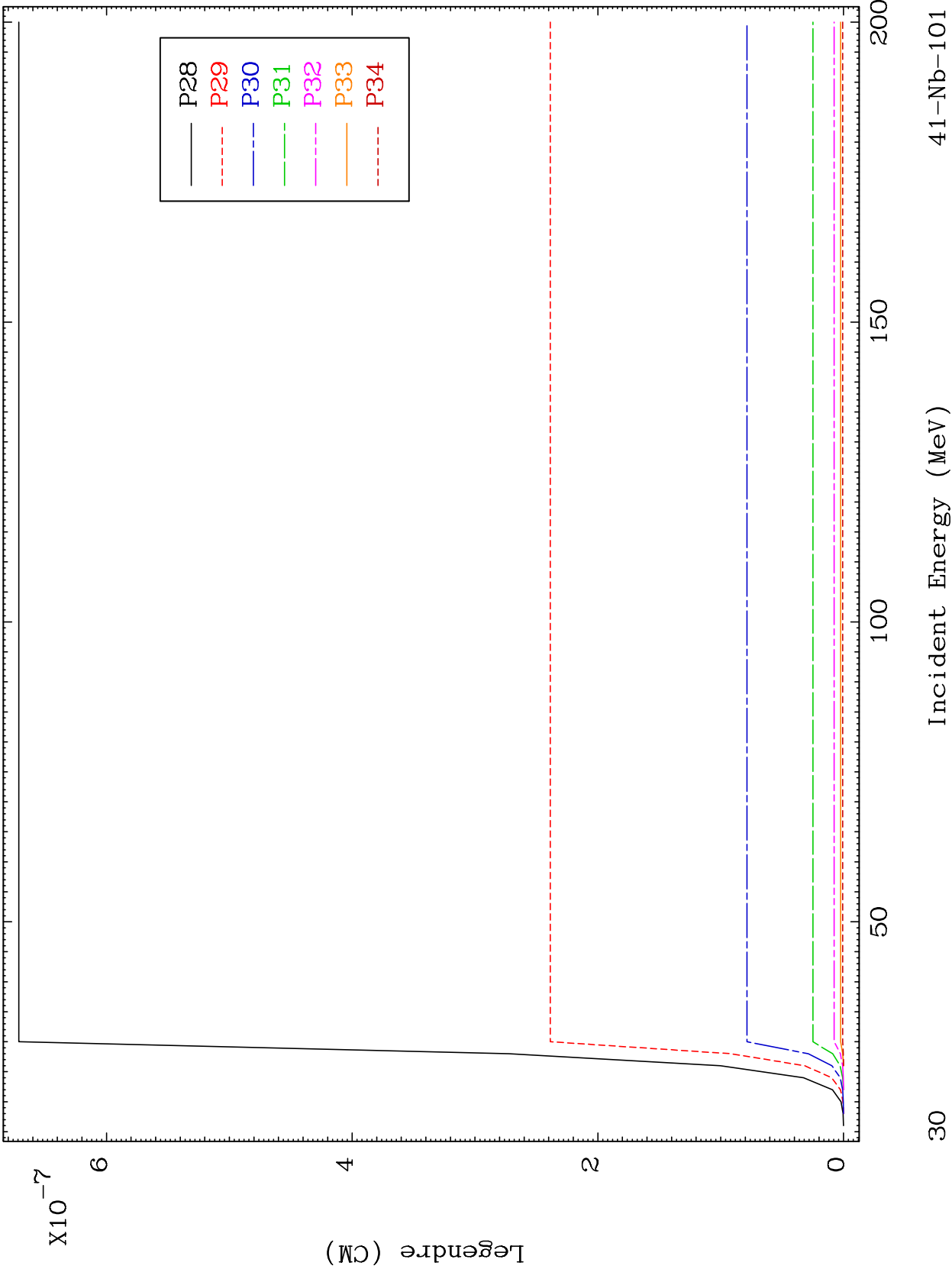
41-Nb-101



MAT 4149

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

41-Nb-101



30

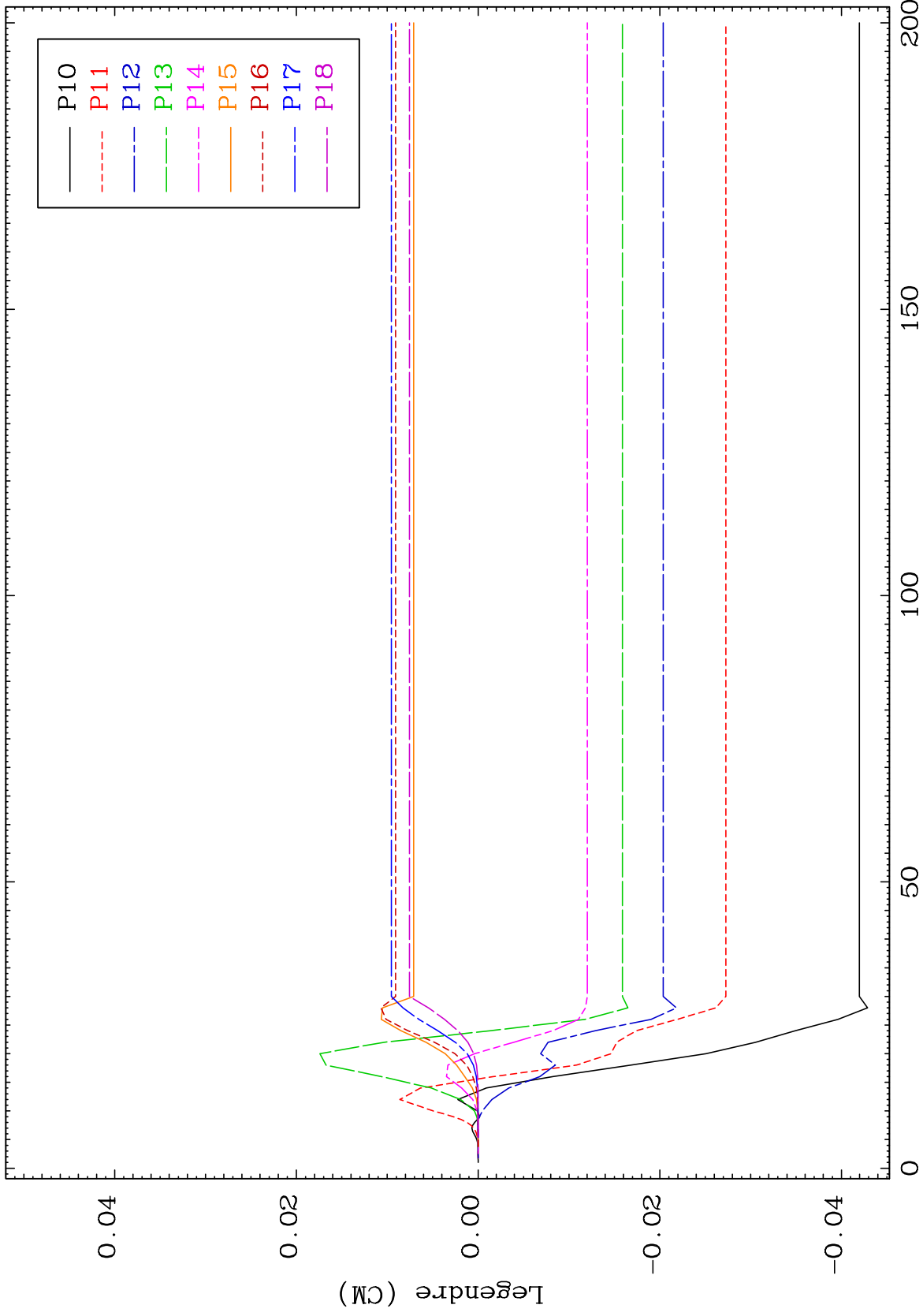
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



32

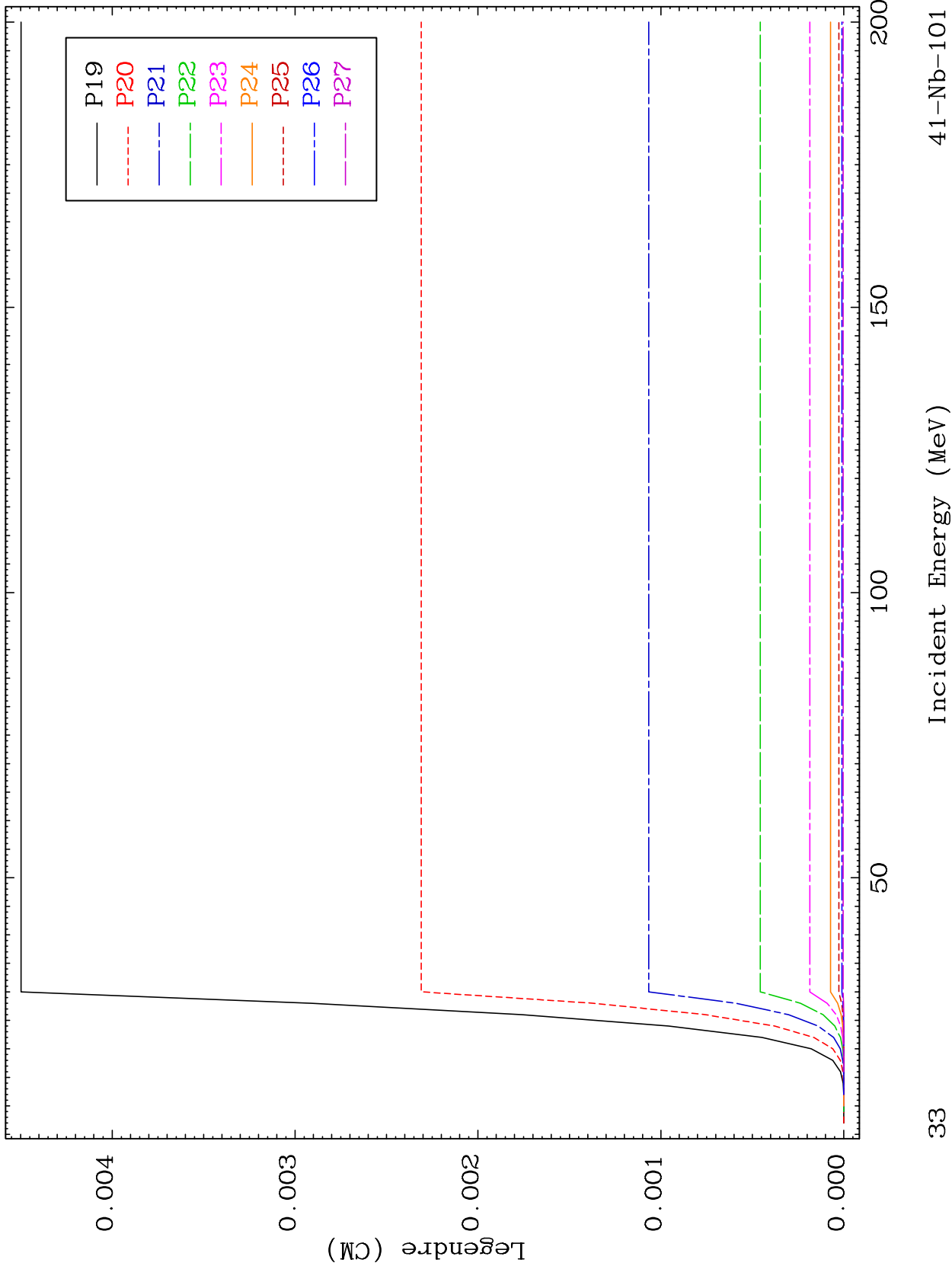
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



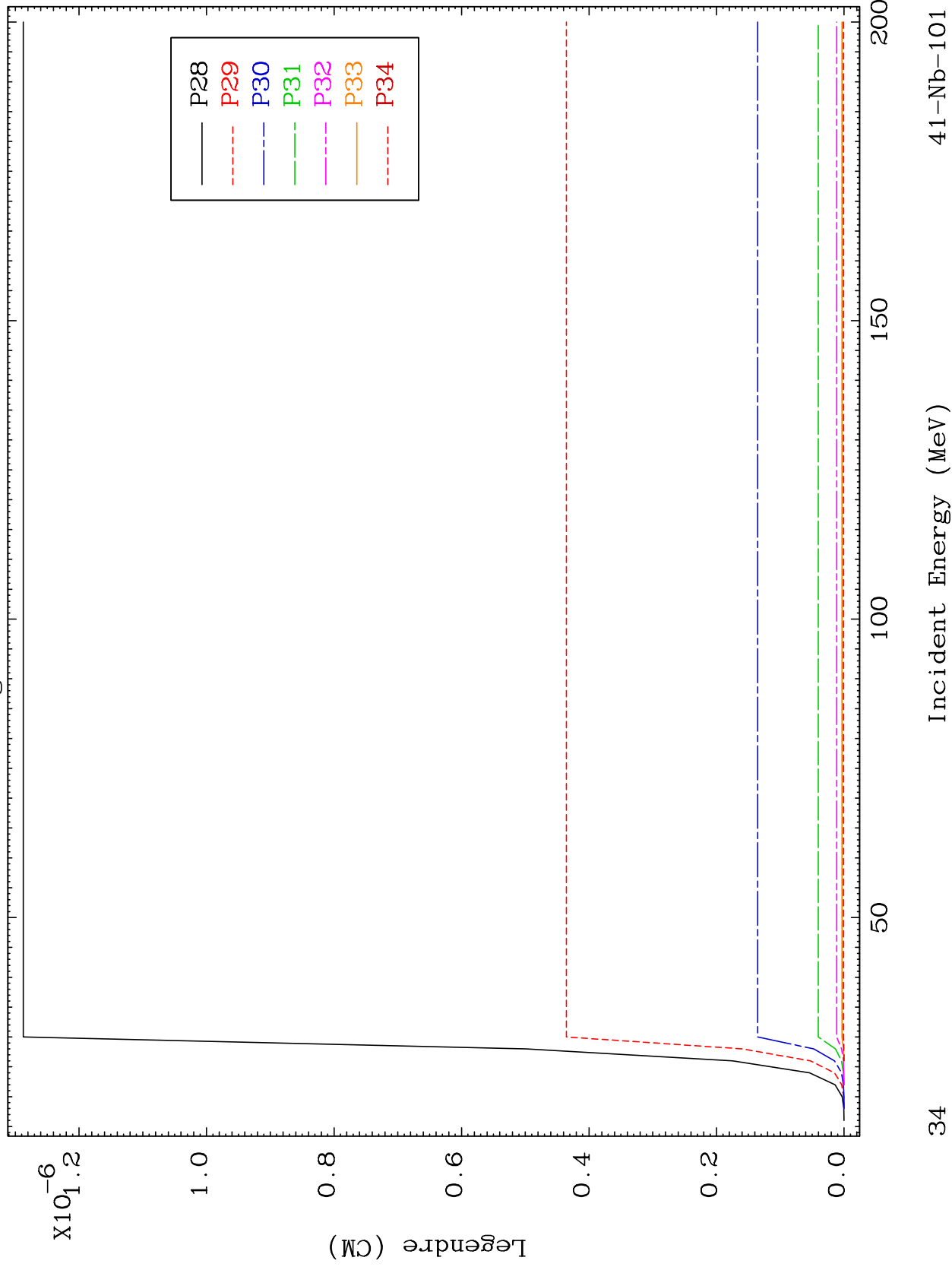
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41-Nb-101

MAT 4149

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

41-Nb-101



34

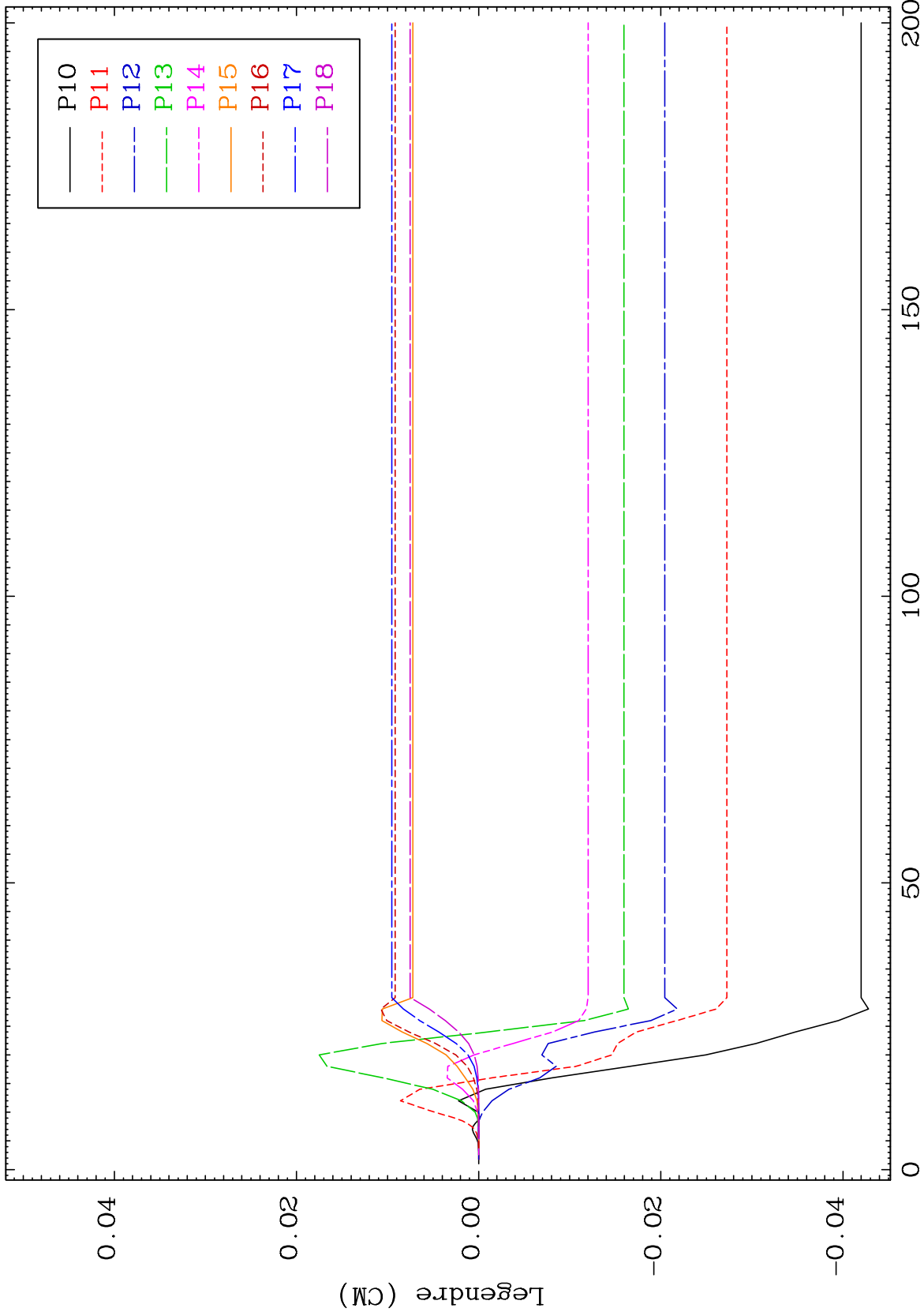
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



36

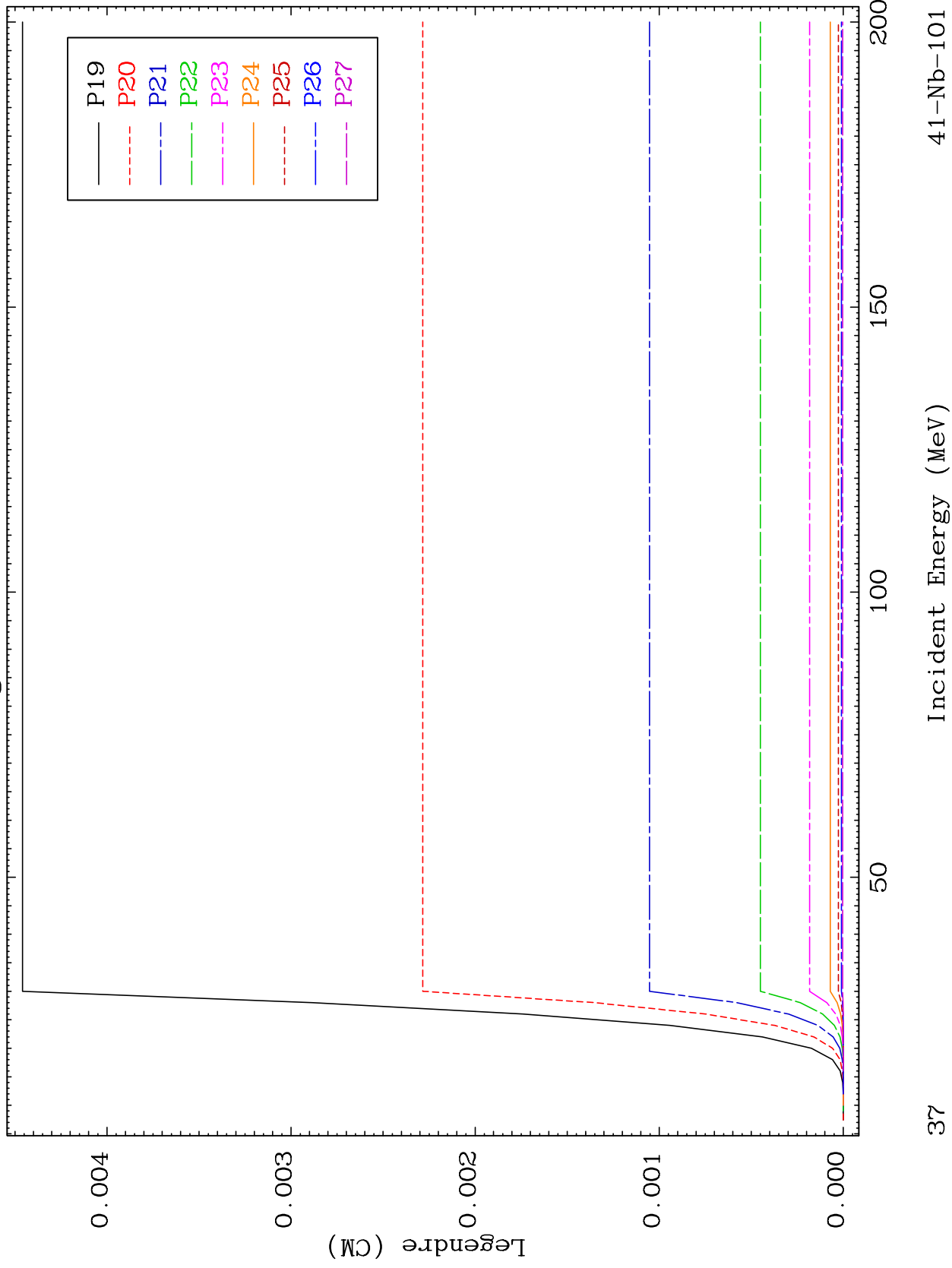
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



37

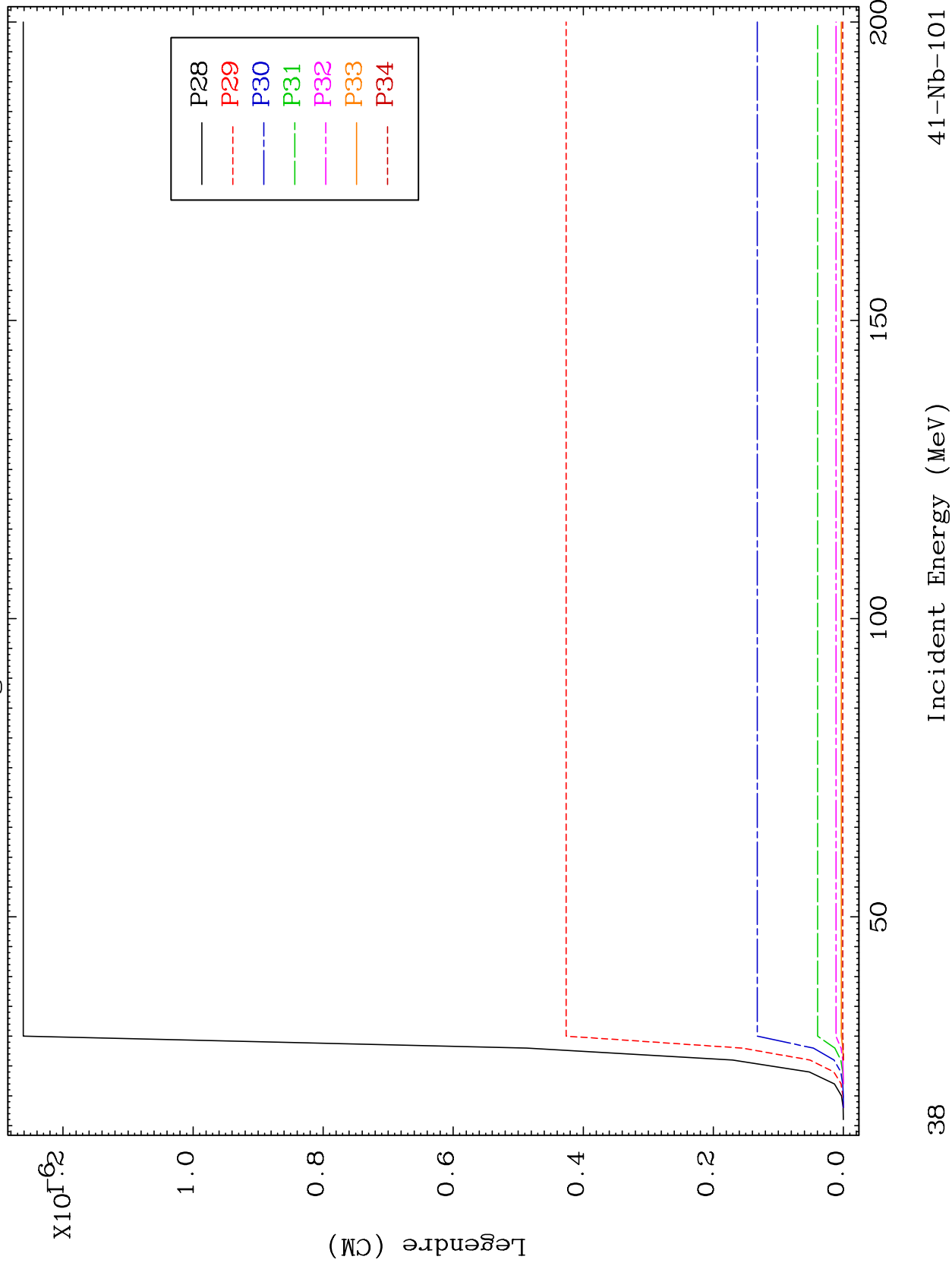
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



38

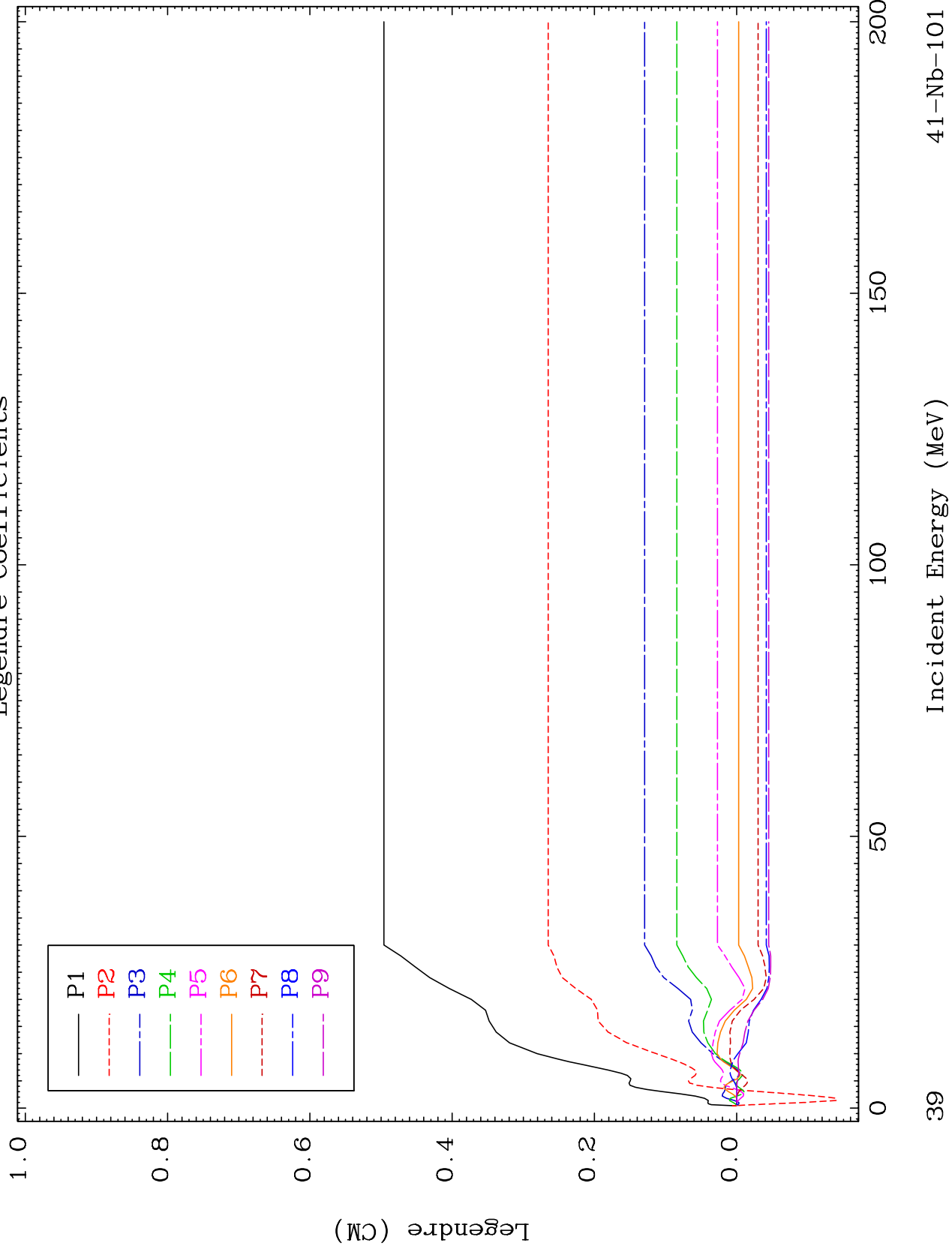
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



39

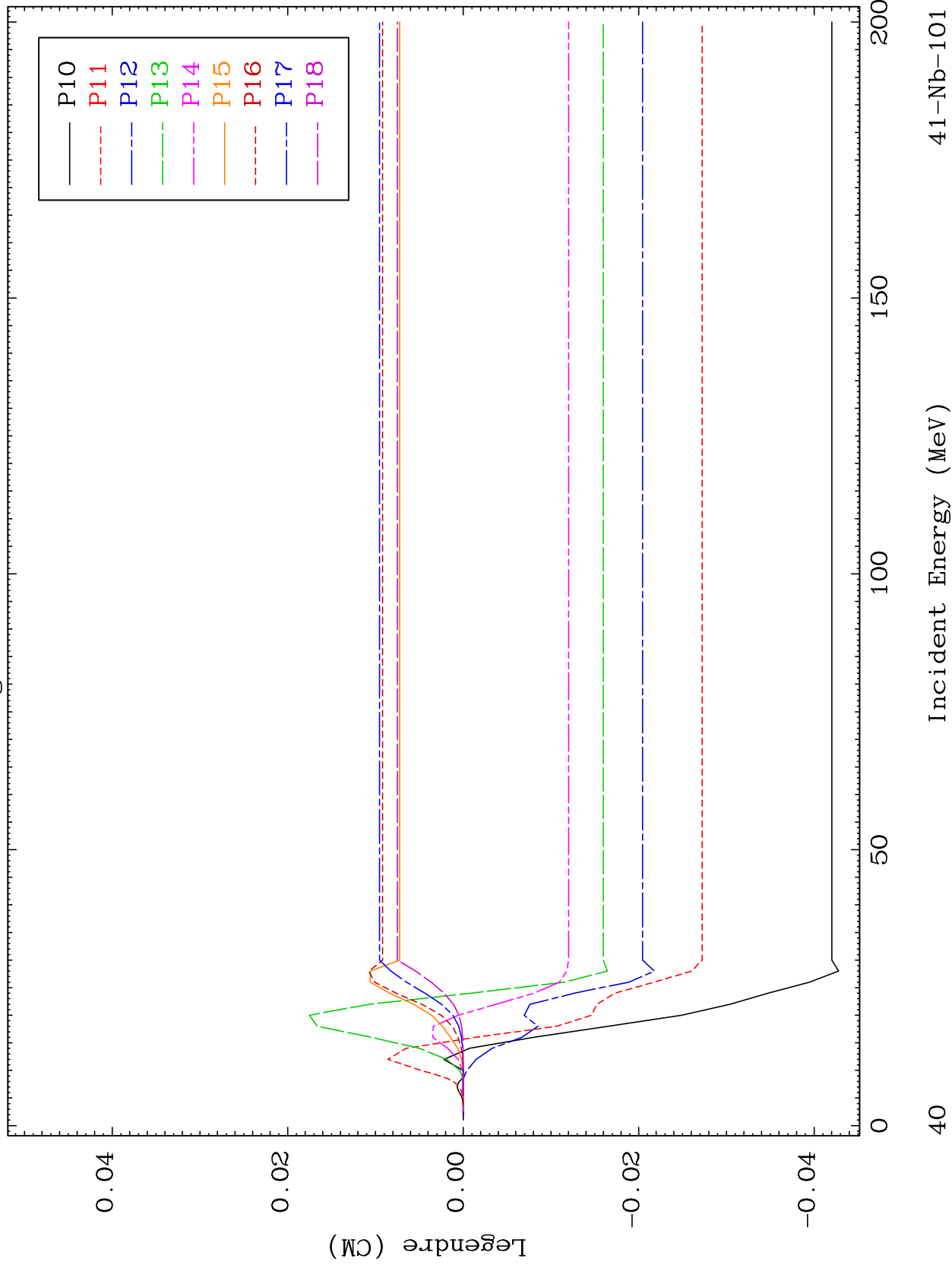
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

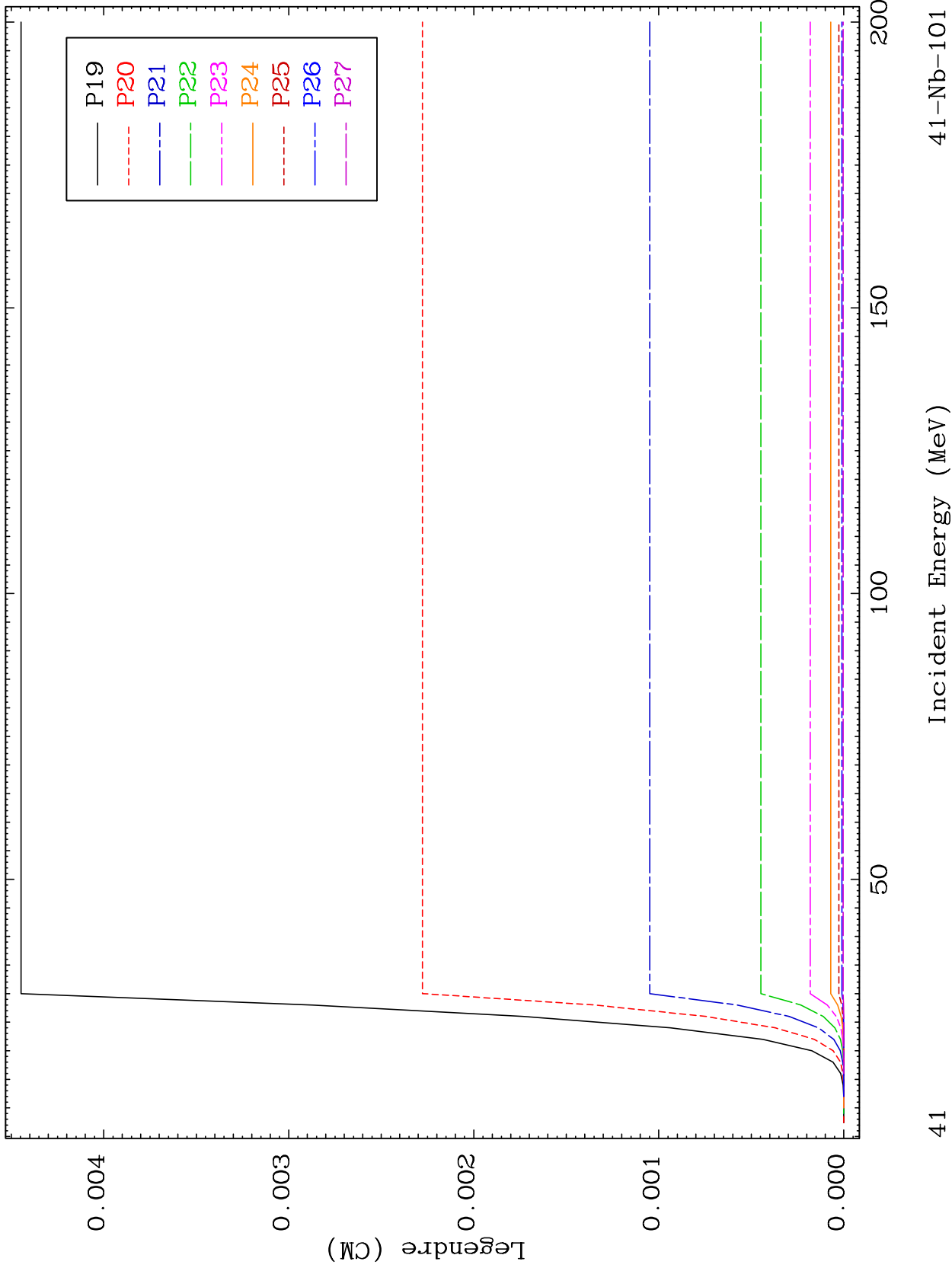
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MAT 4149

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

41-Nb-101



41

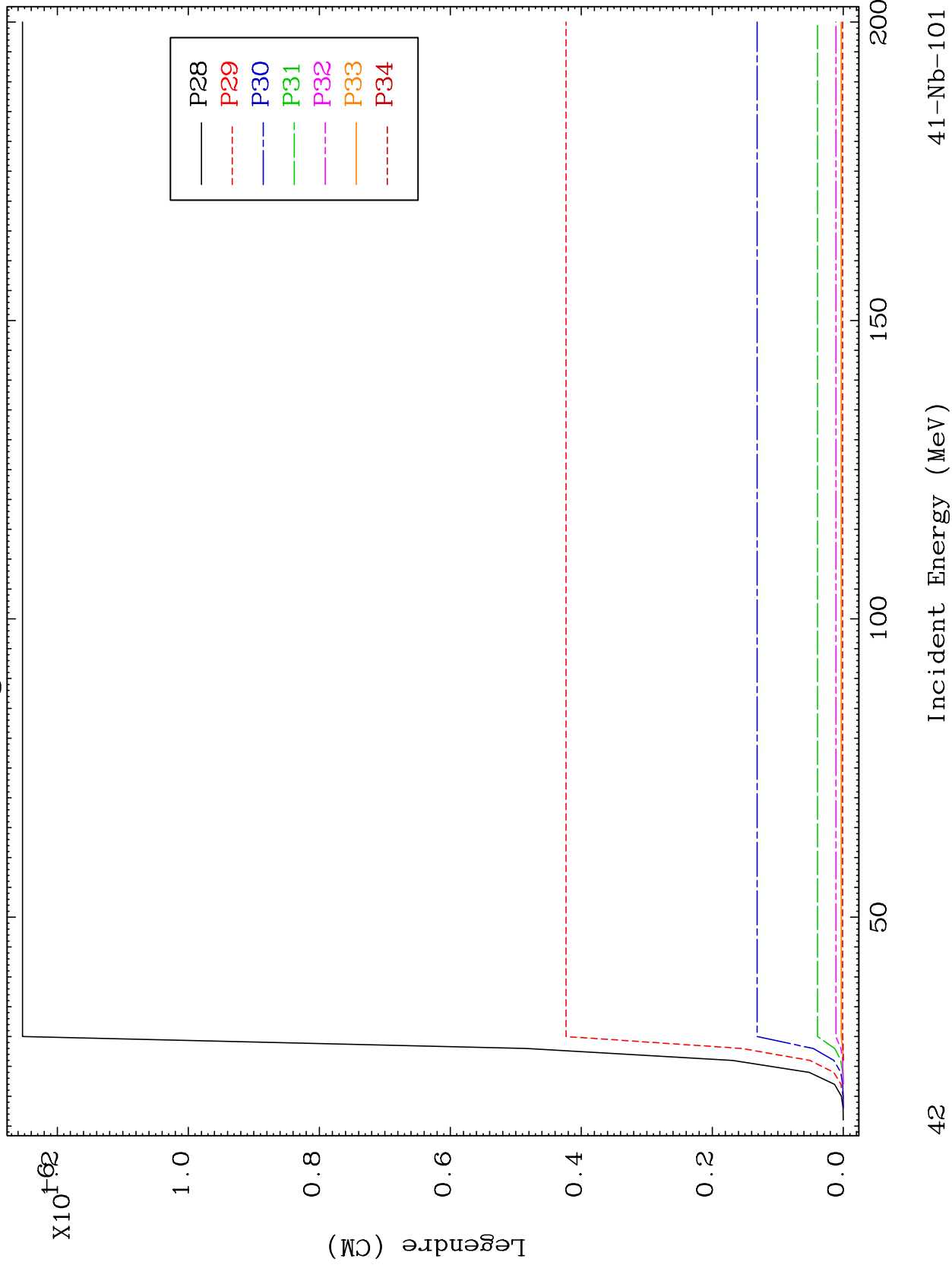
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

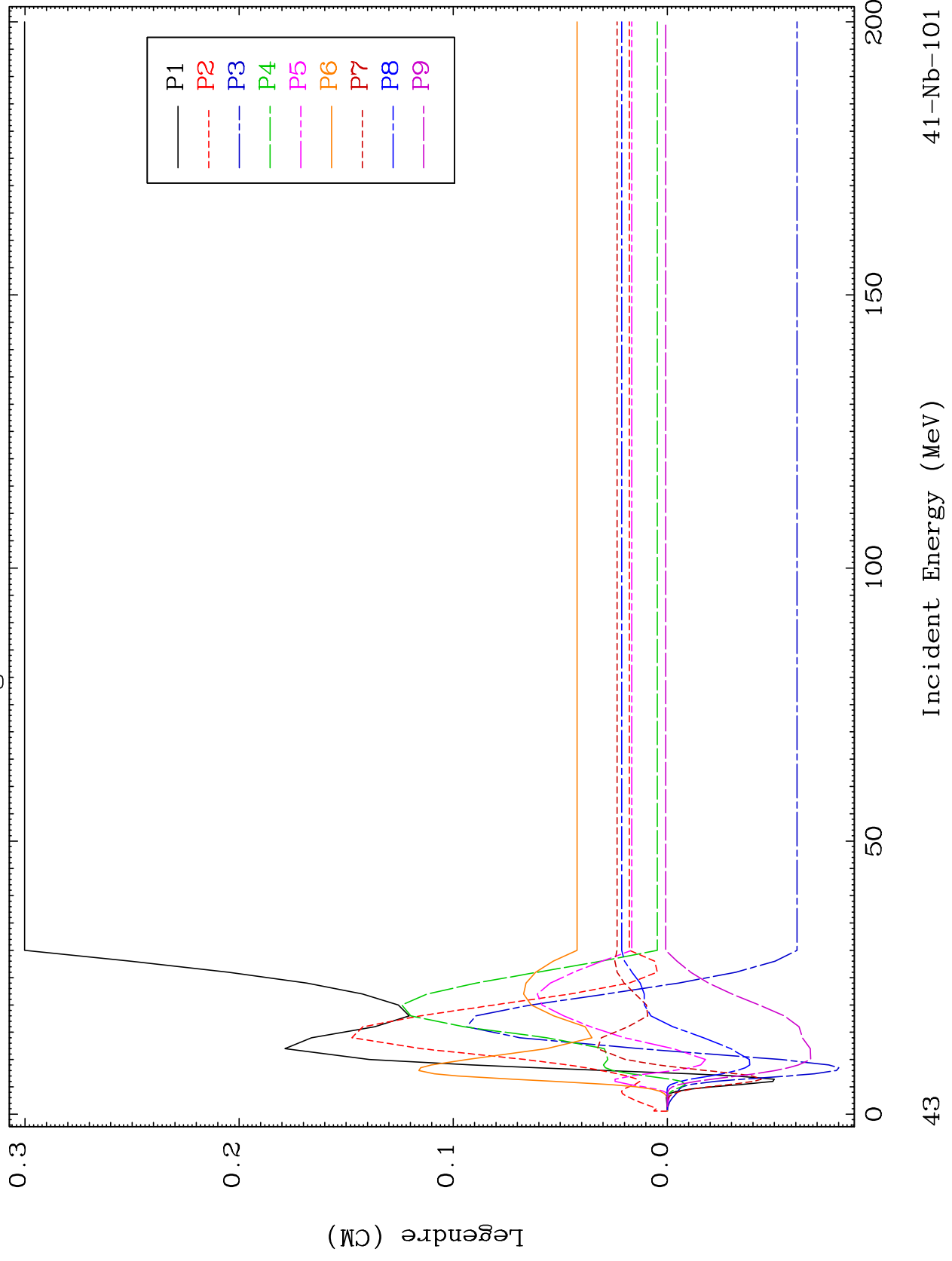
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MAT 4149

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

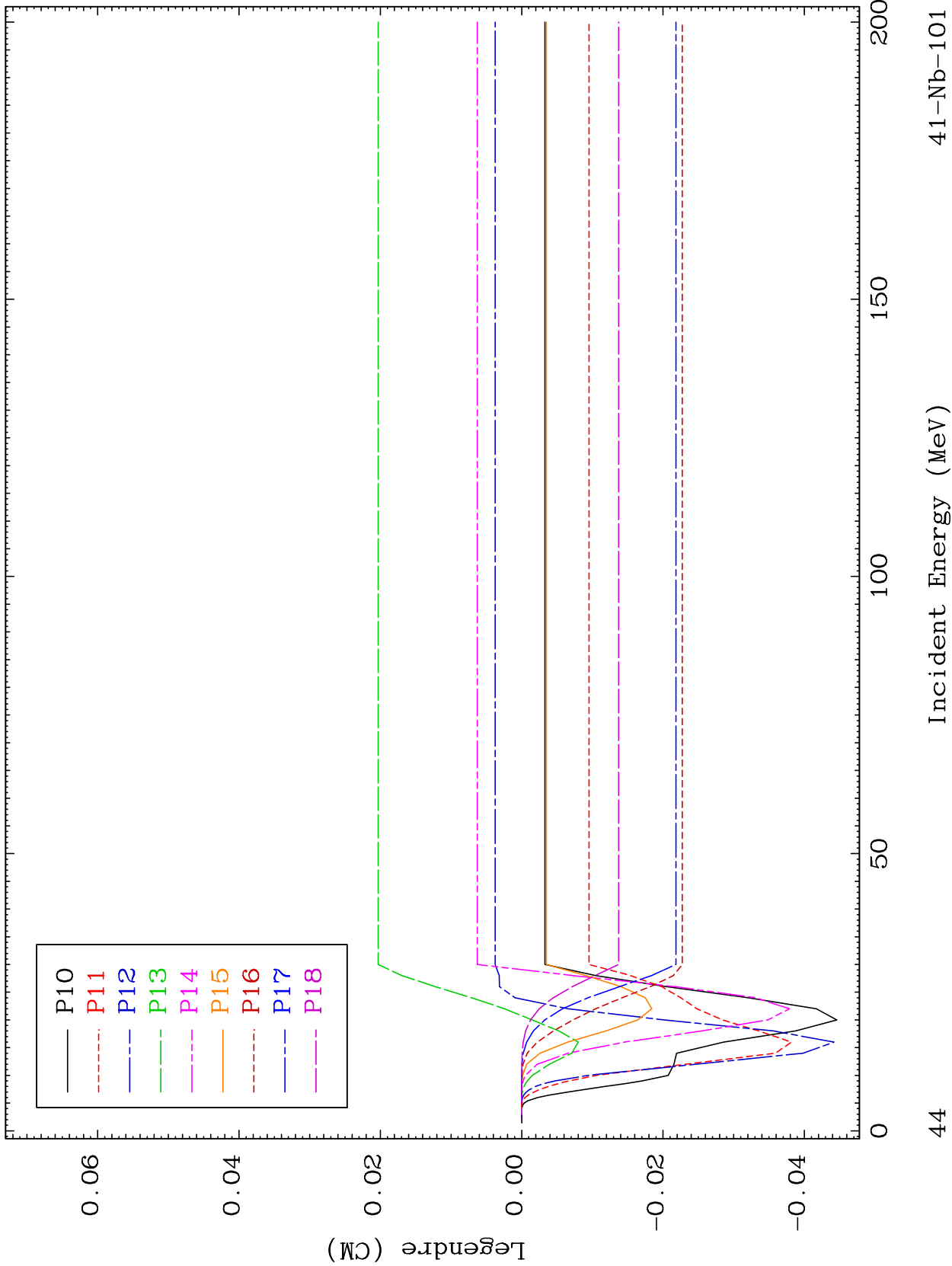
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MAT 4149

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

41-Nb-101



44

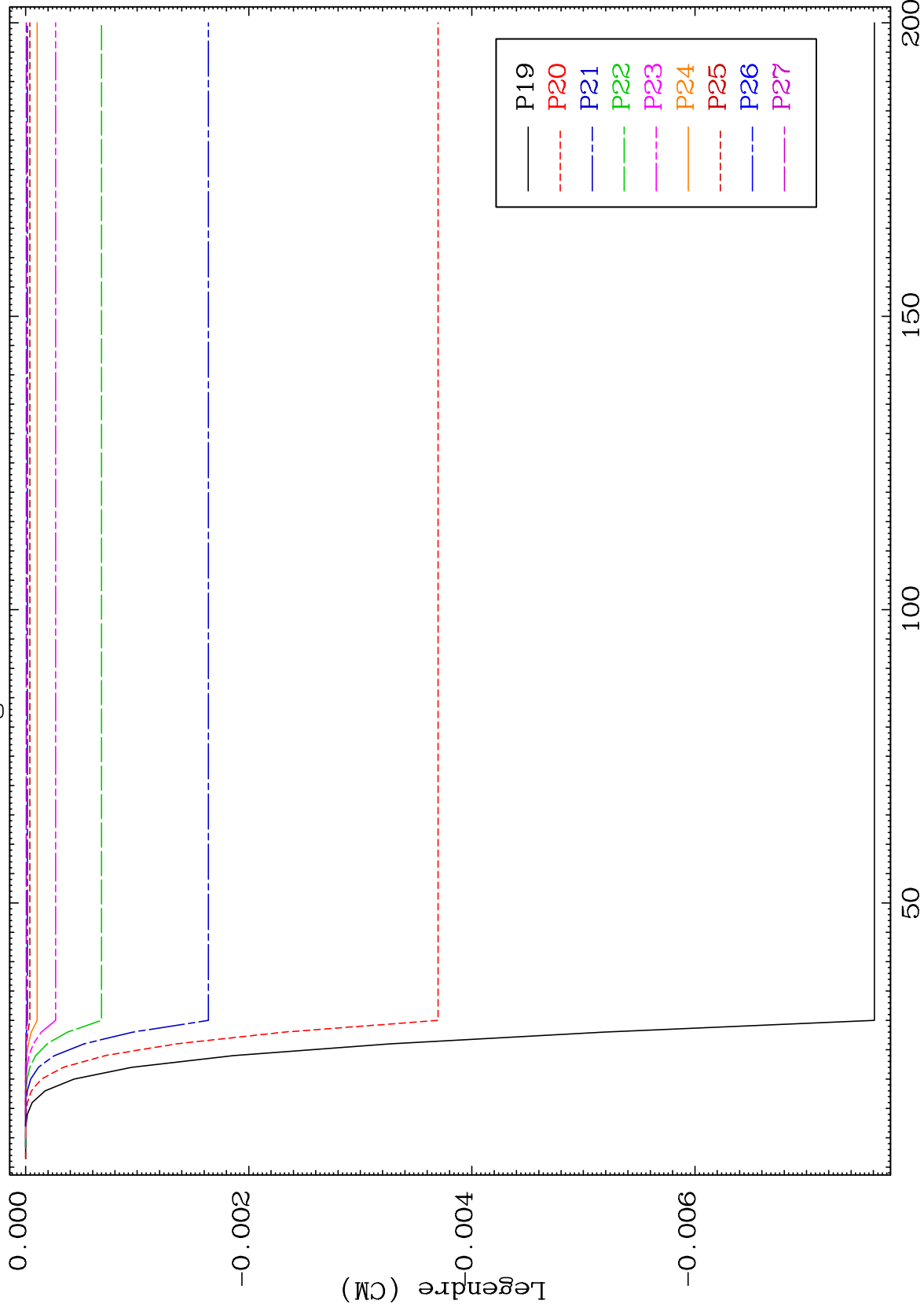
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



45

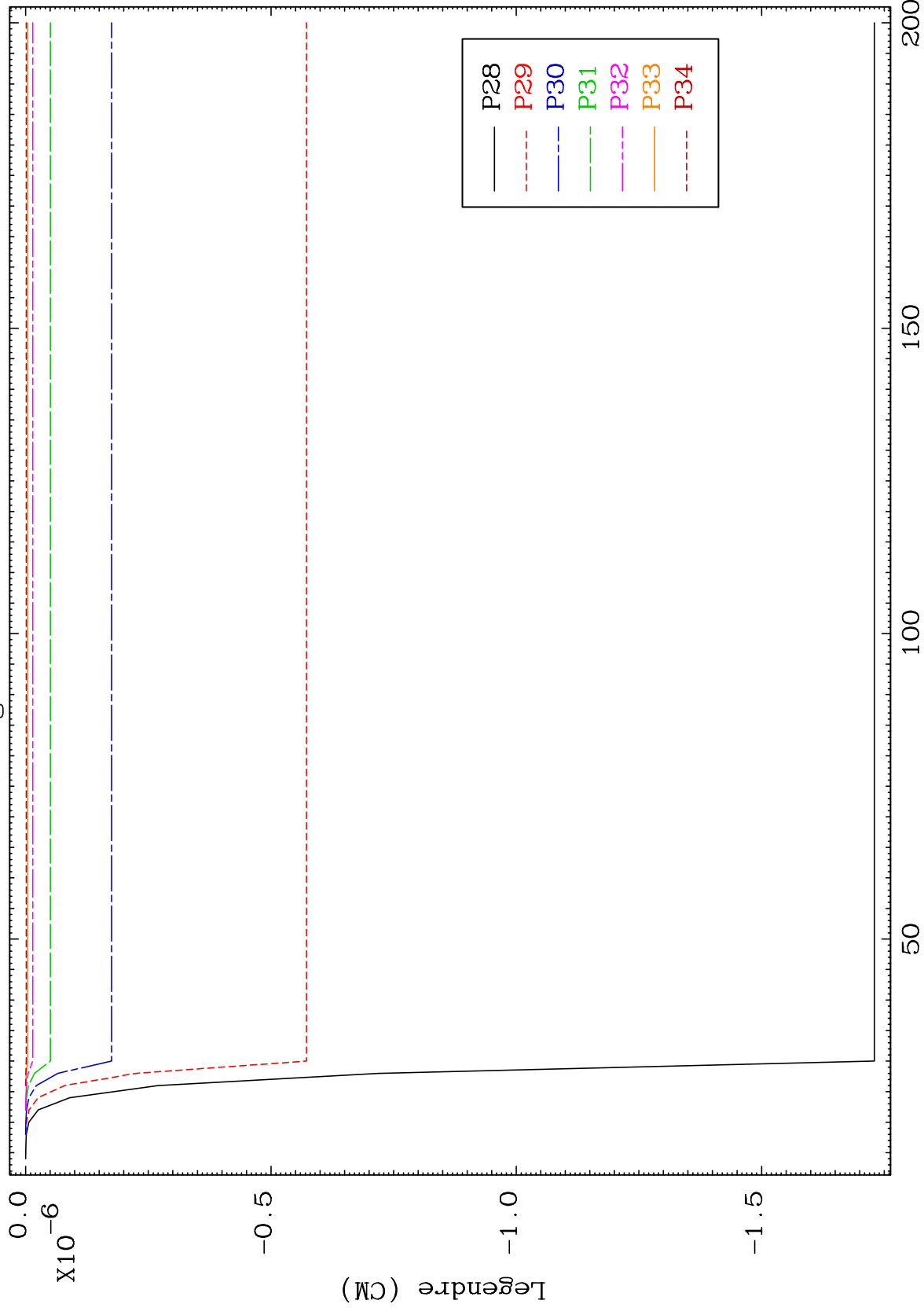
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



46

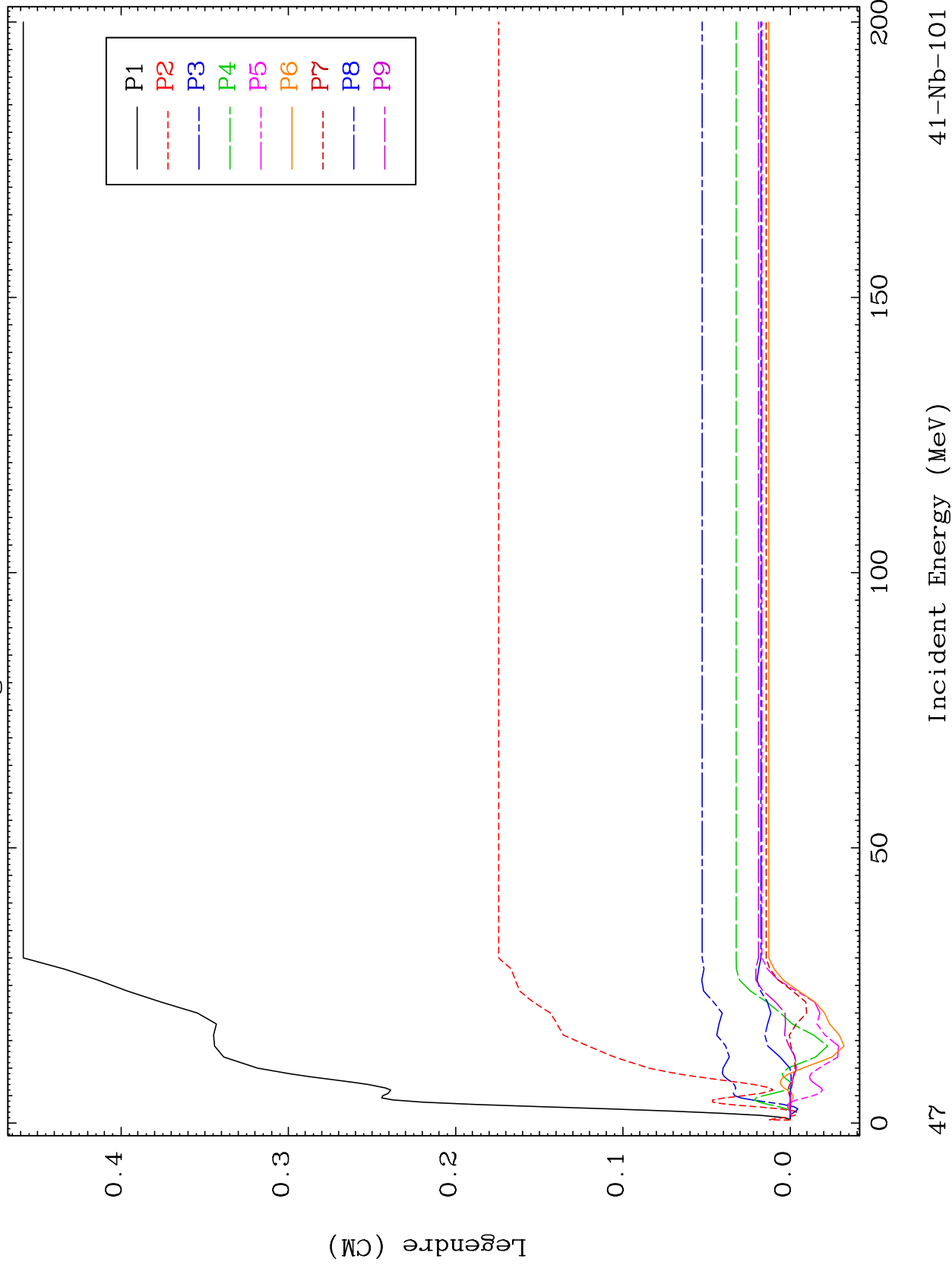
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



47

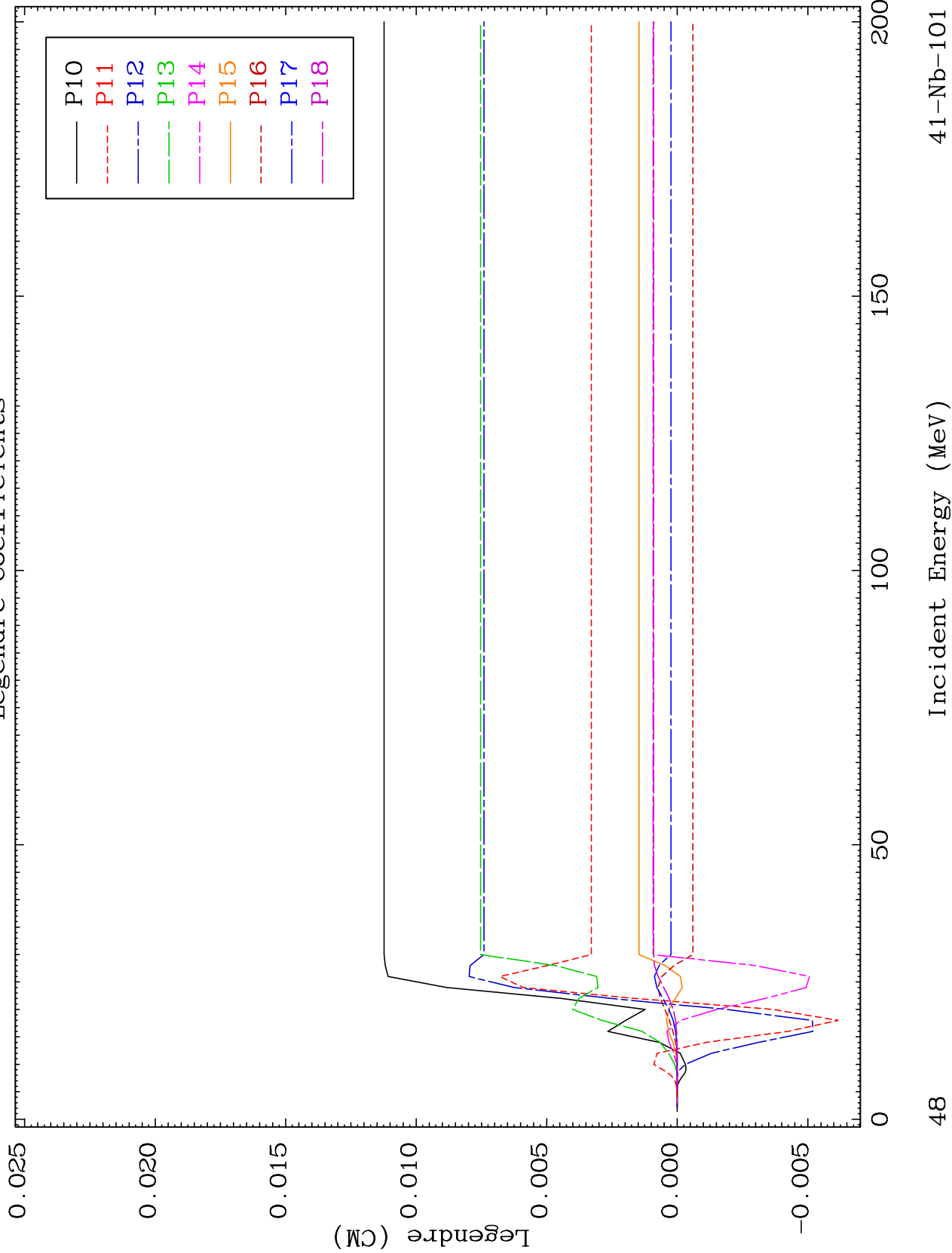
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



41-Nb-101

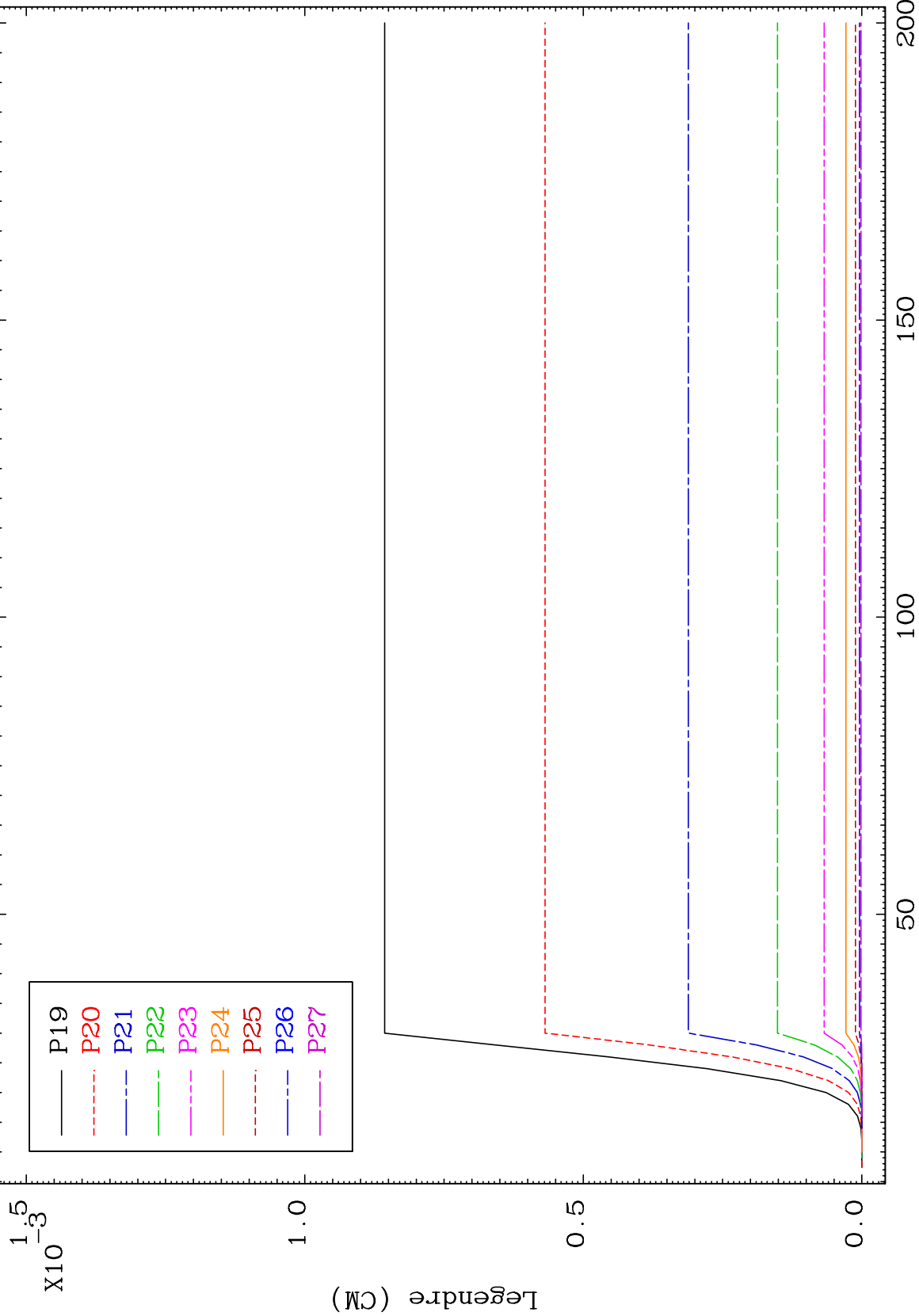
Incident Energy (MeV)

48

MAT 4149

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

41-Nb-101



49

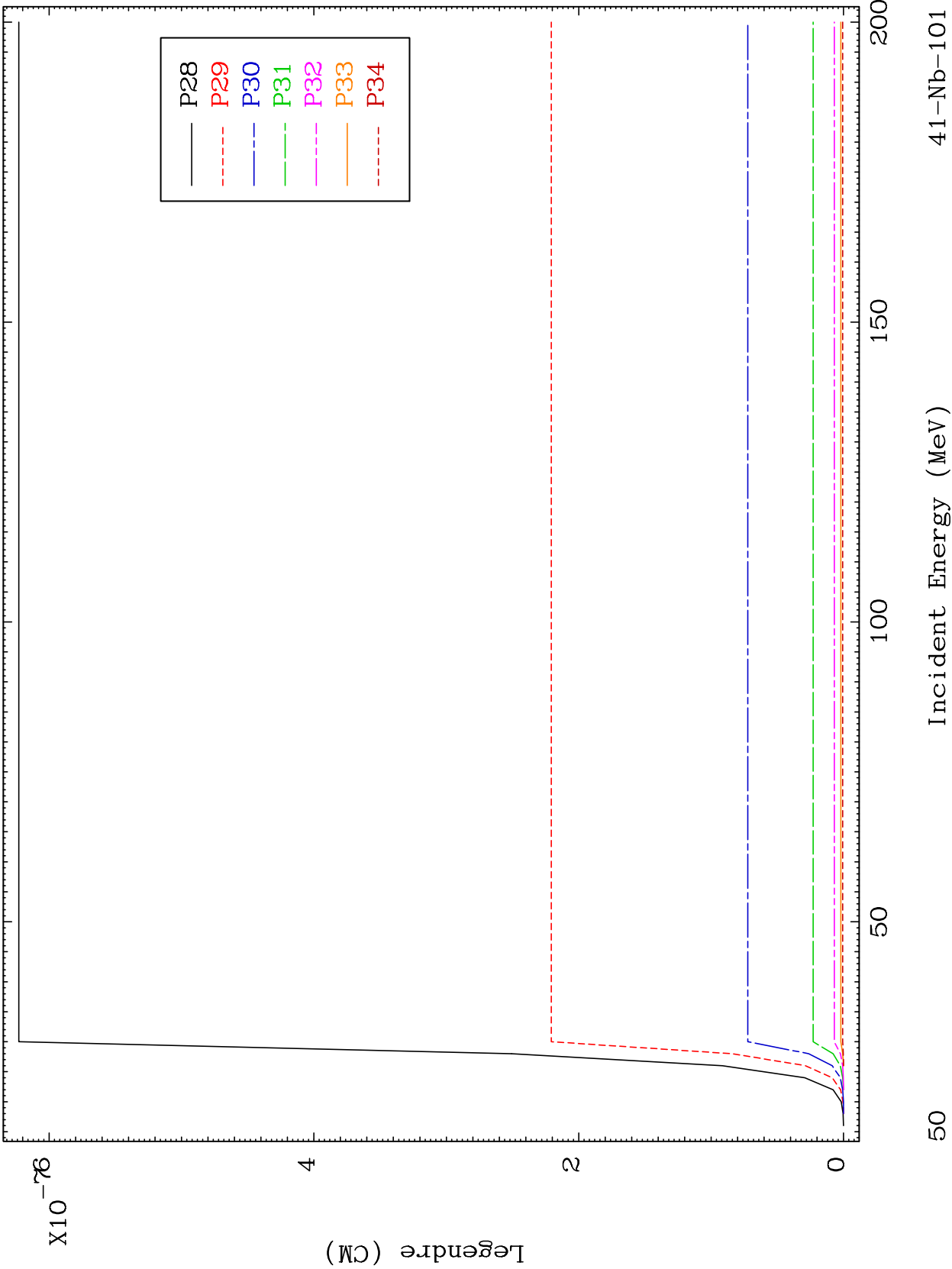
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



50

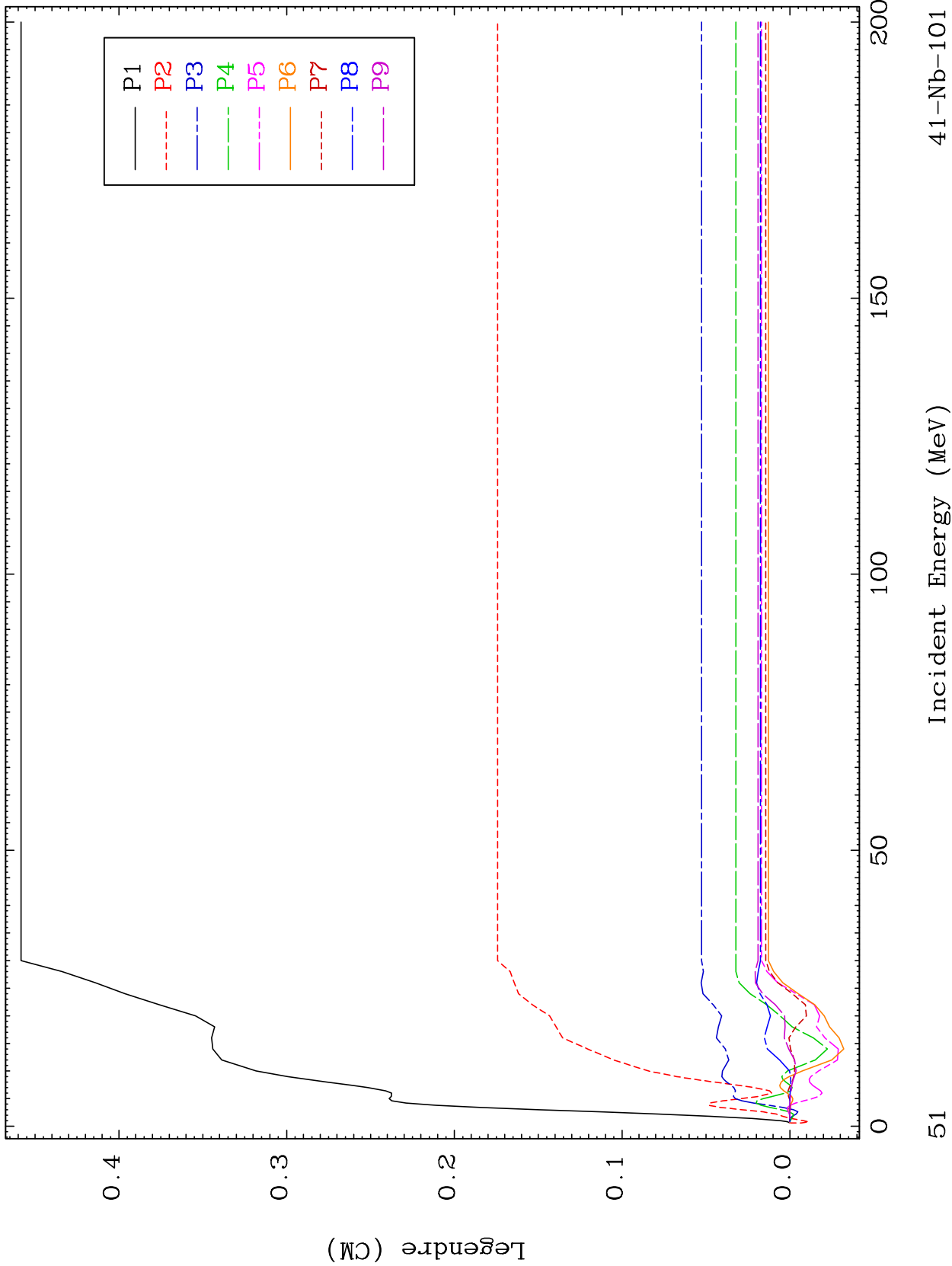
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



51

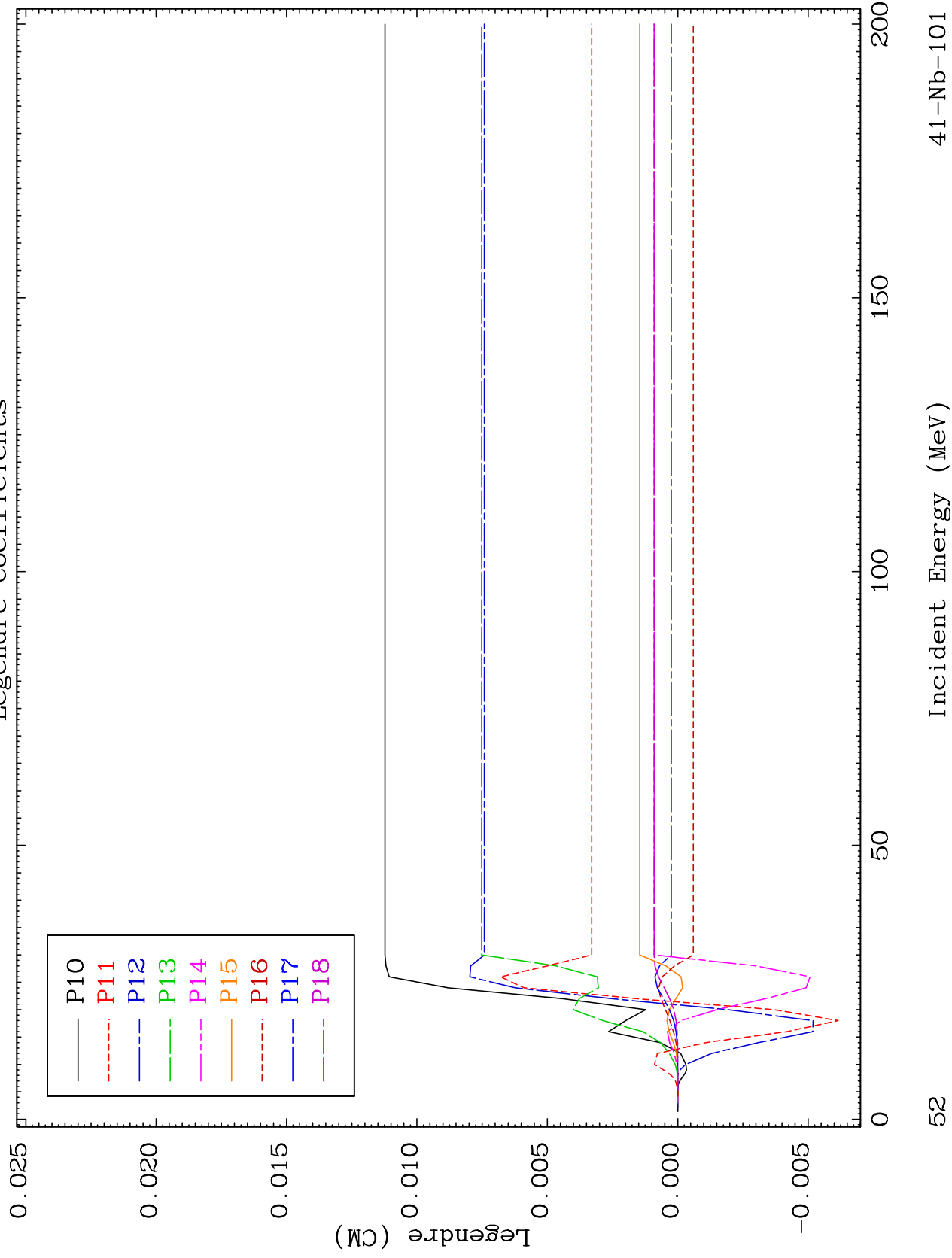
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

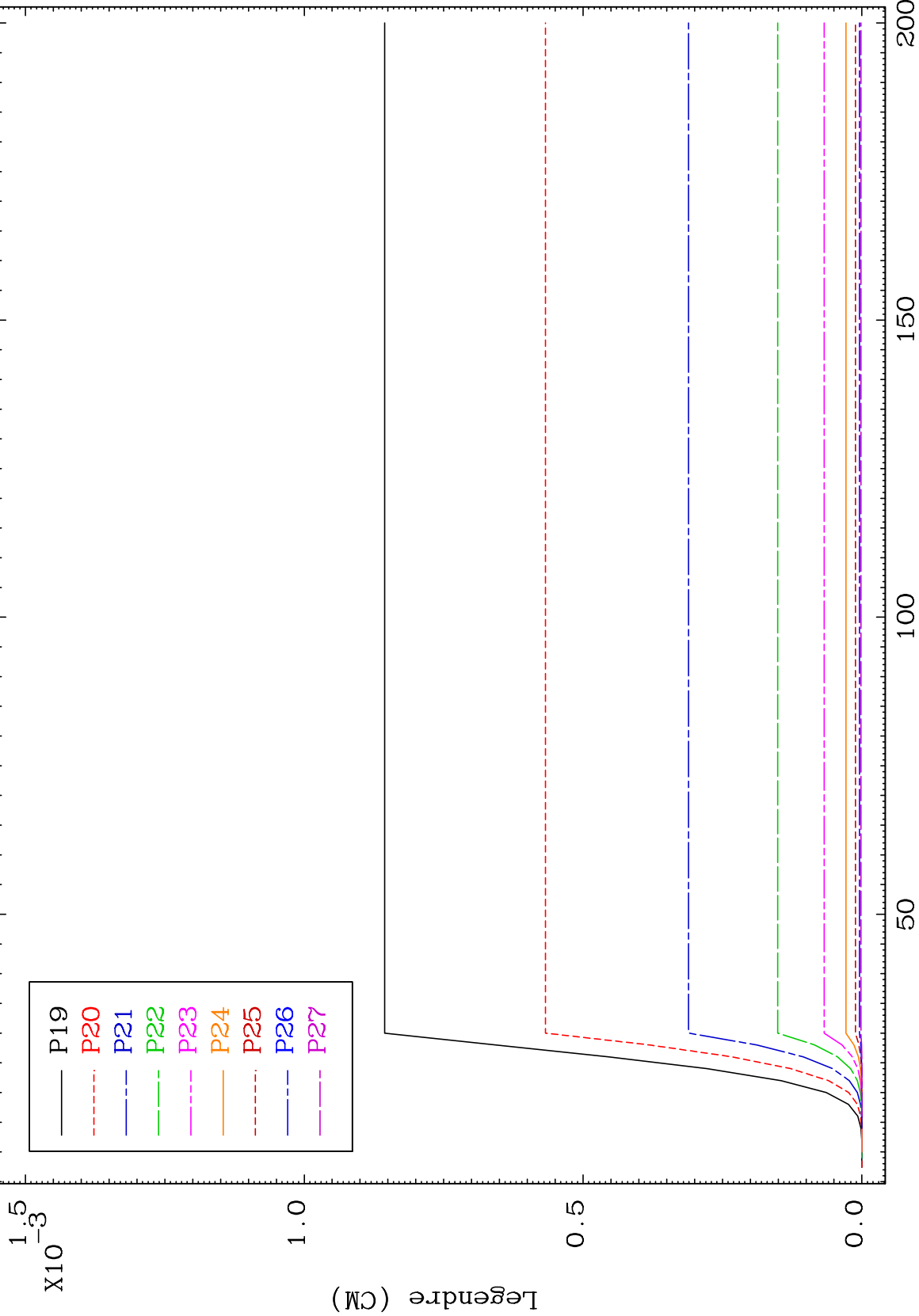
41-Nb-101



52

Incident Energy (MeV)

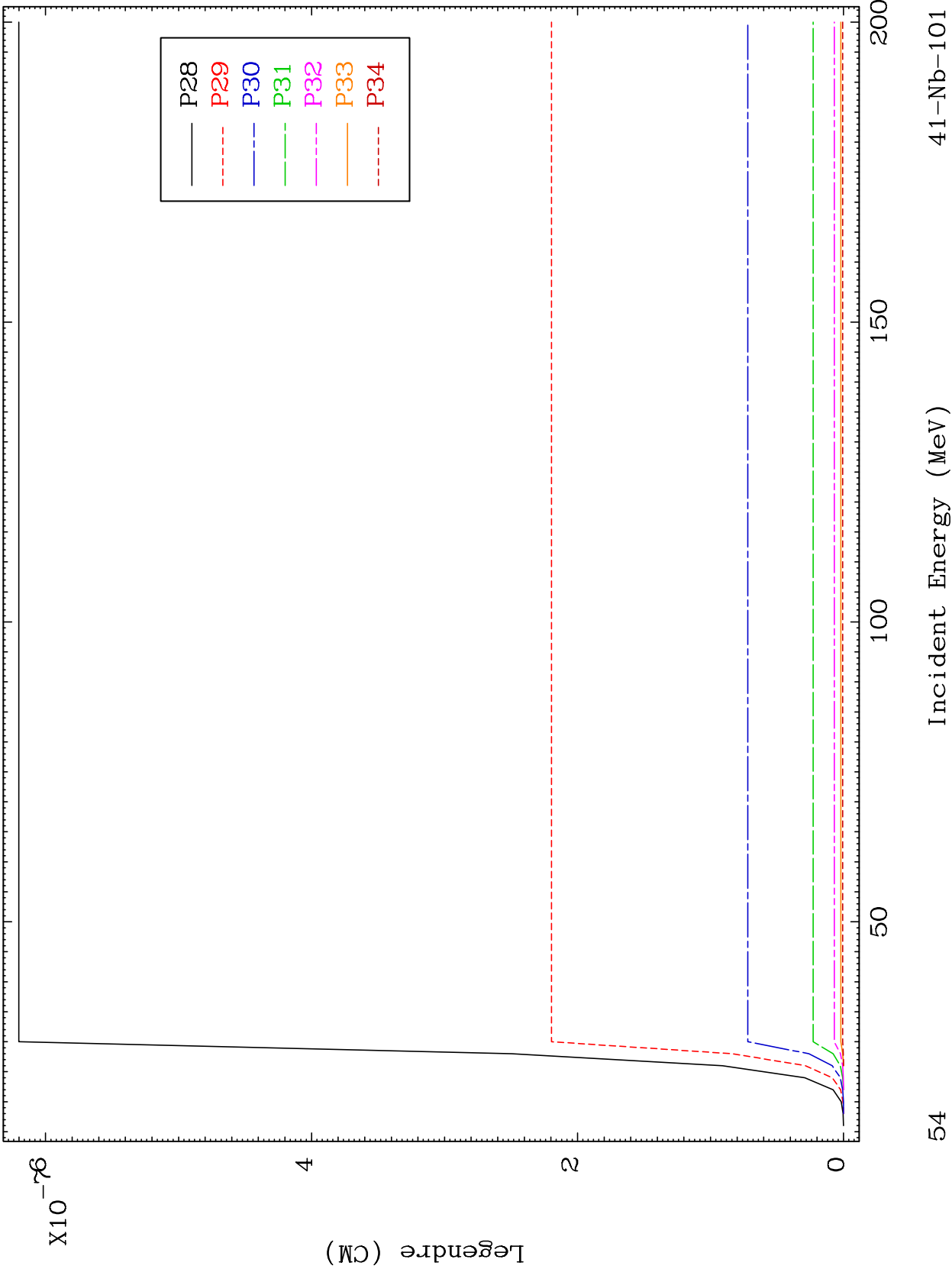
41-Nb-101



MAT 4149

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

41-Nb-101



54

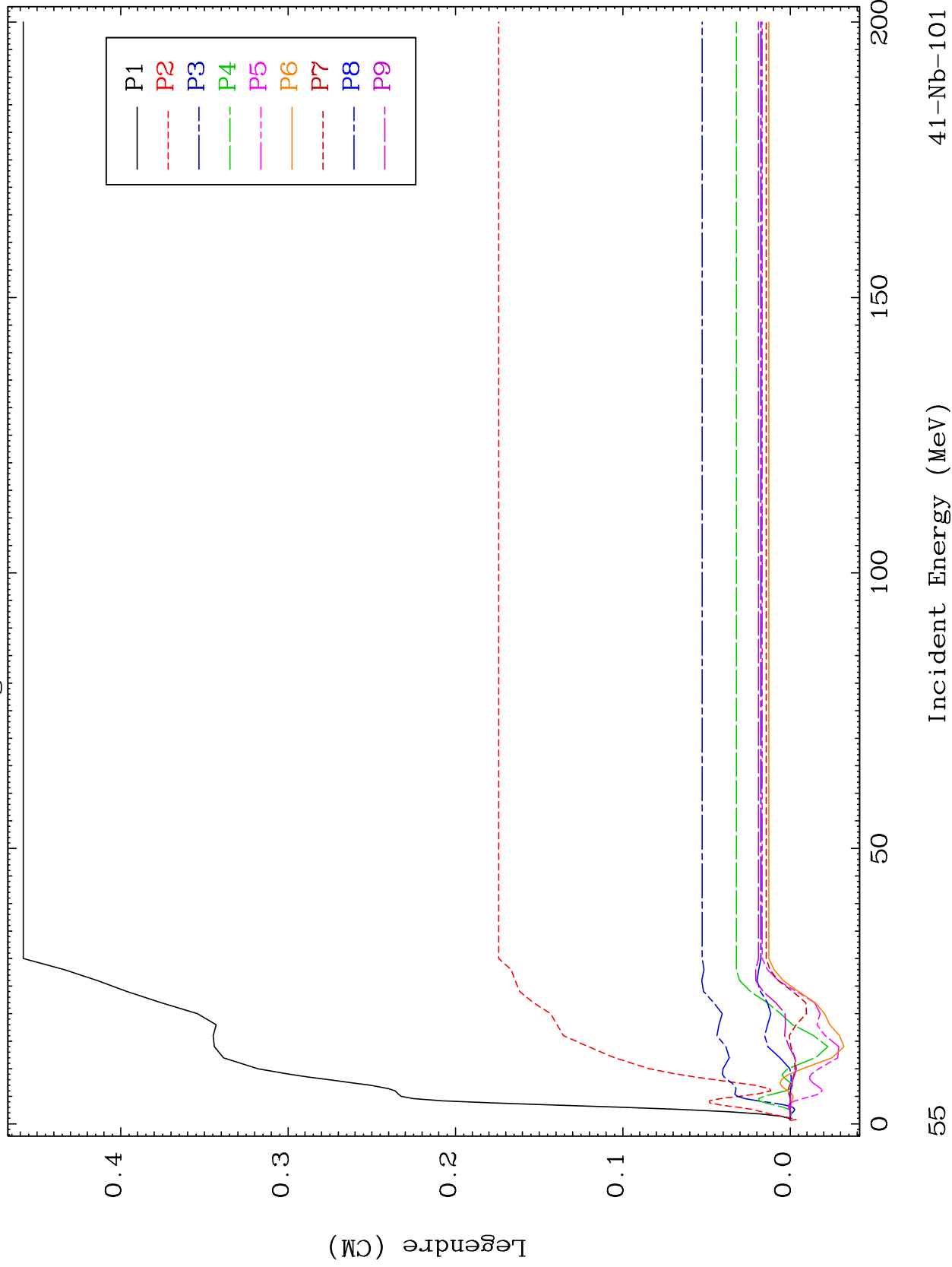
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



41-Nb-101

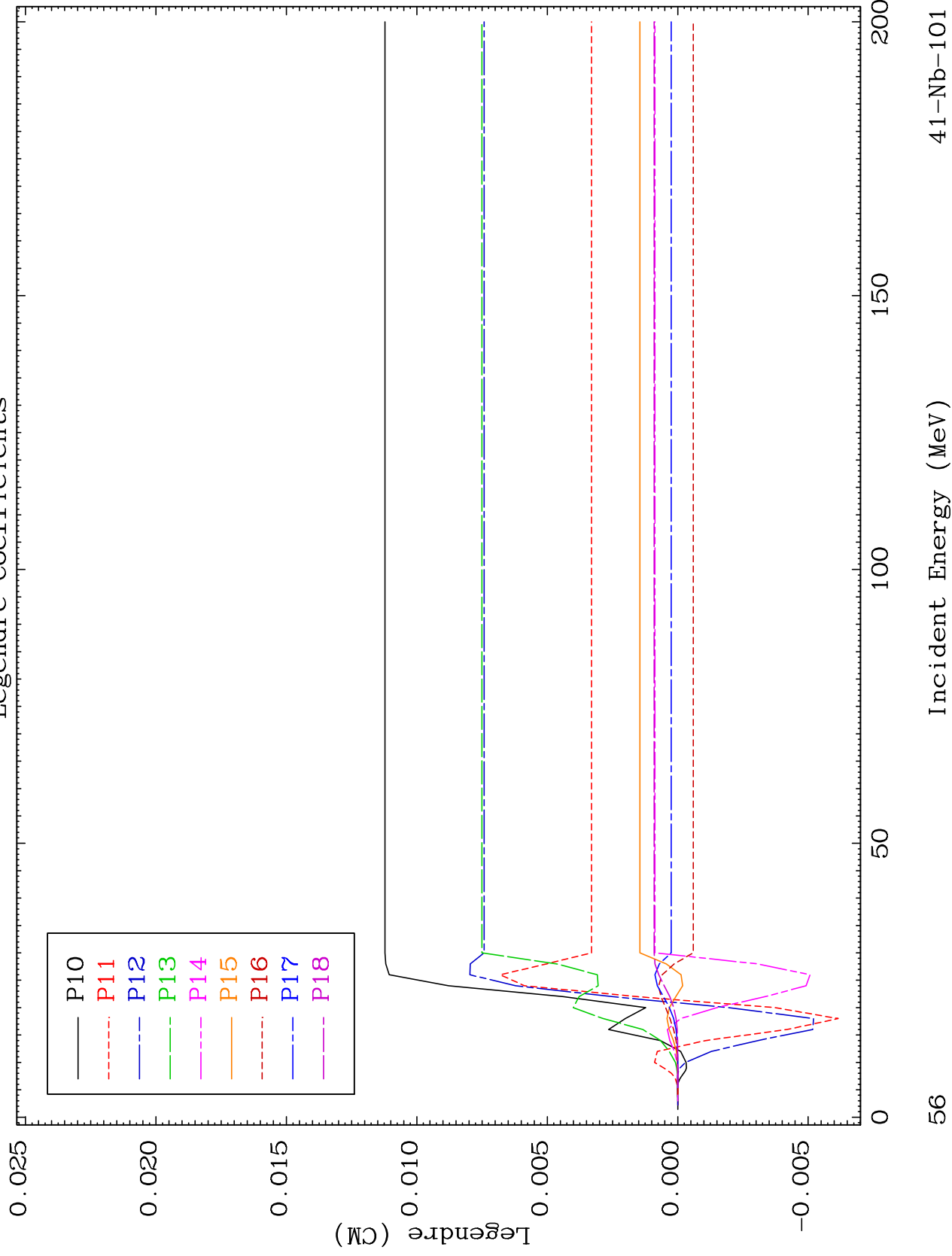
Incident Energy (MeV)

55

MAT 4149

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

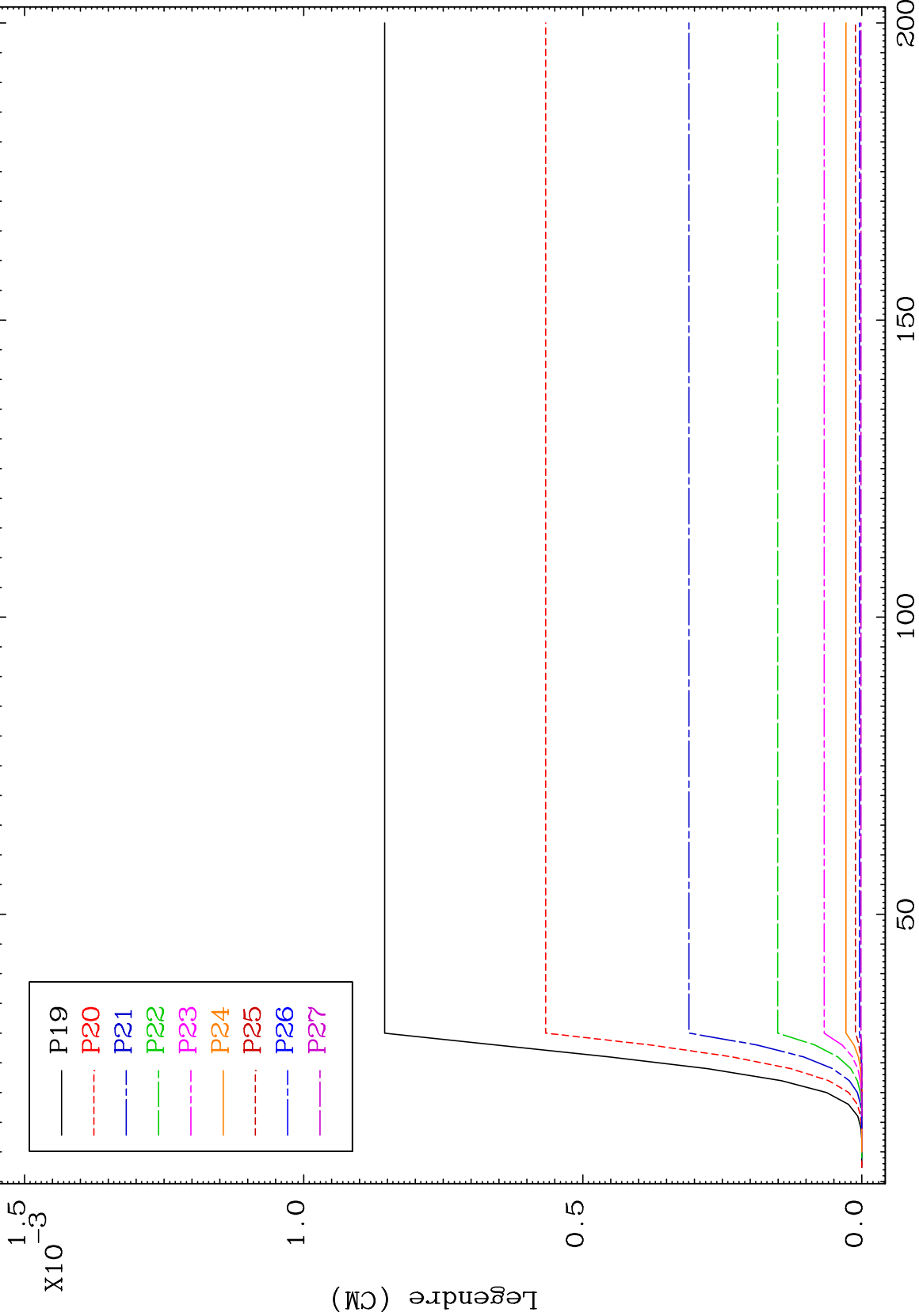
41-Nb-101



MAT 4149

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

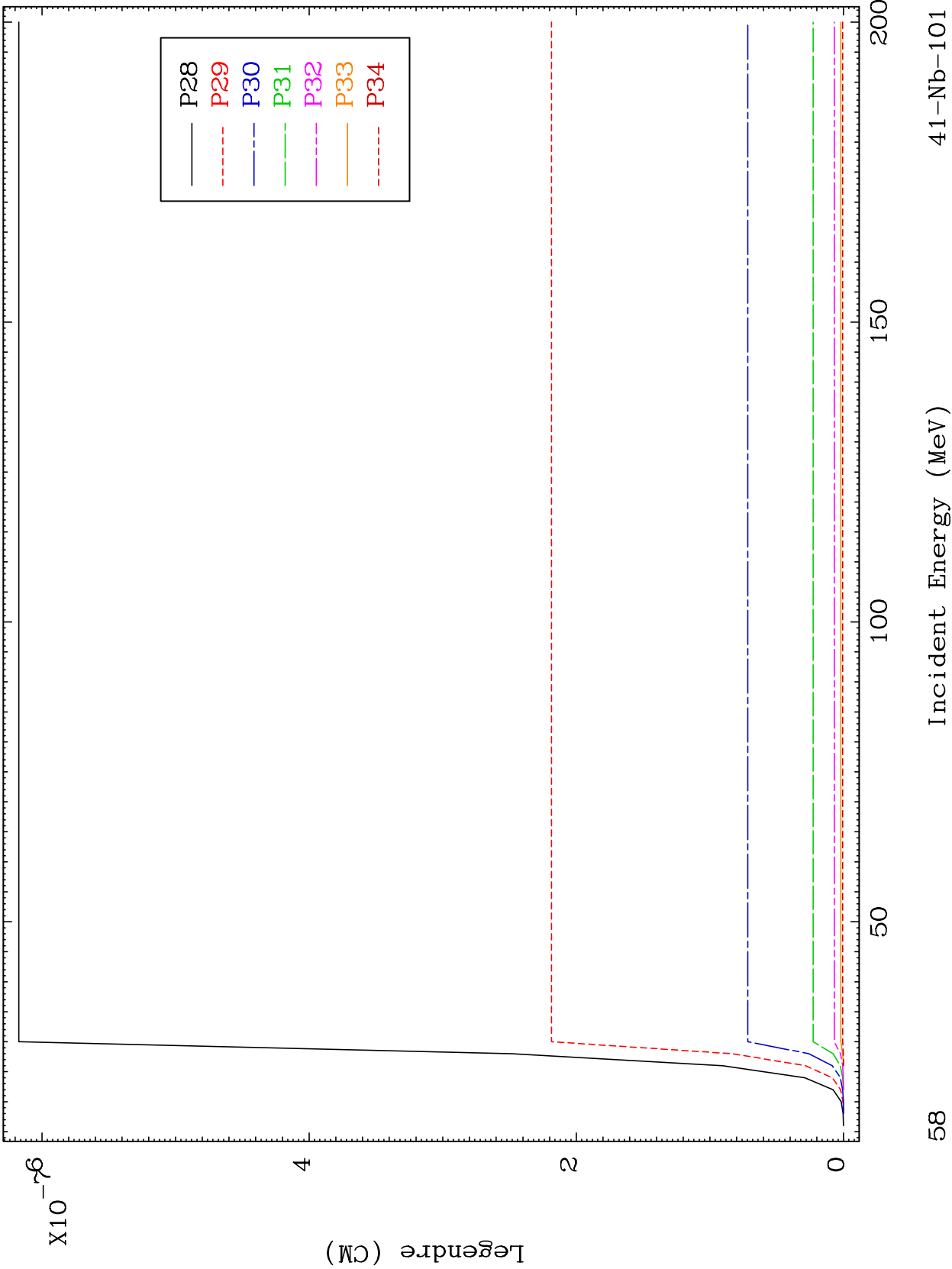
41-Nb-101



MAT 4149

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

41-Nb-101



58

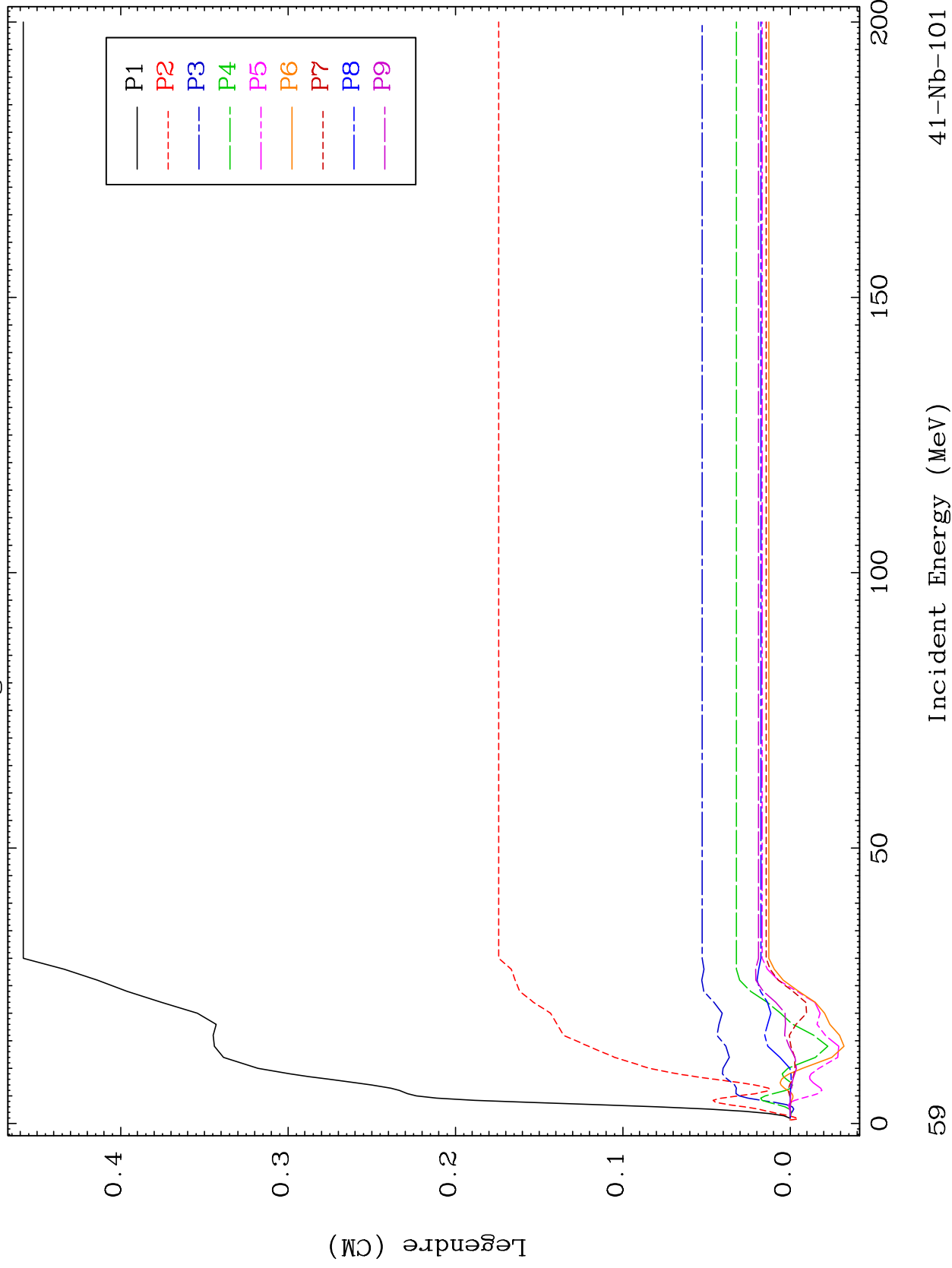
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



41-Nb-101

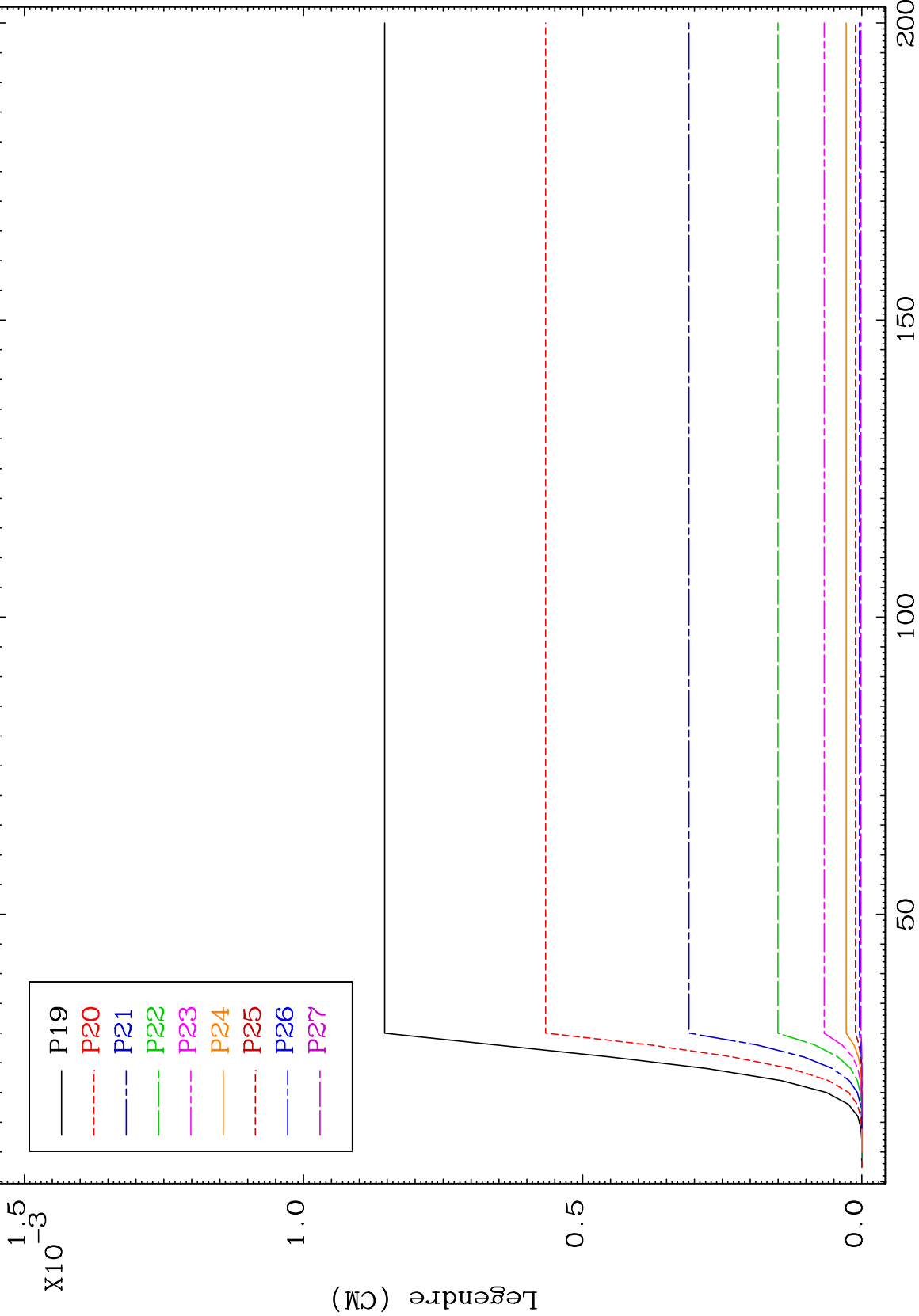
Incident Energy (MeV)

59

MAT 4149

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

41-Nb-101



61

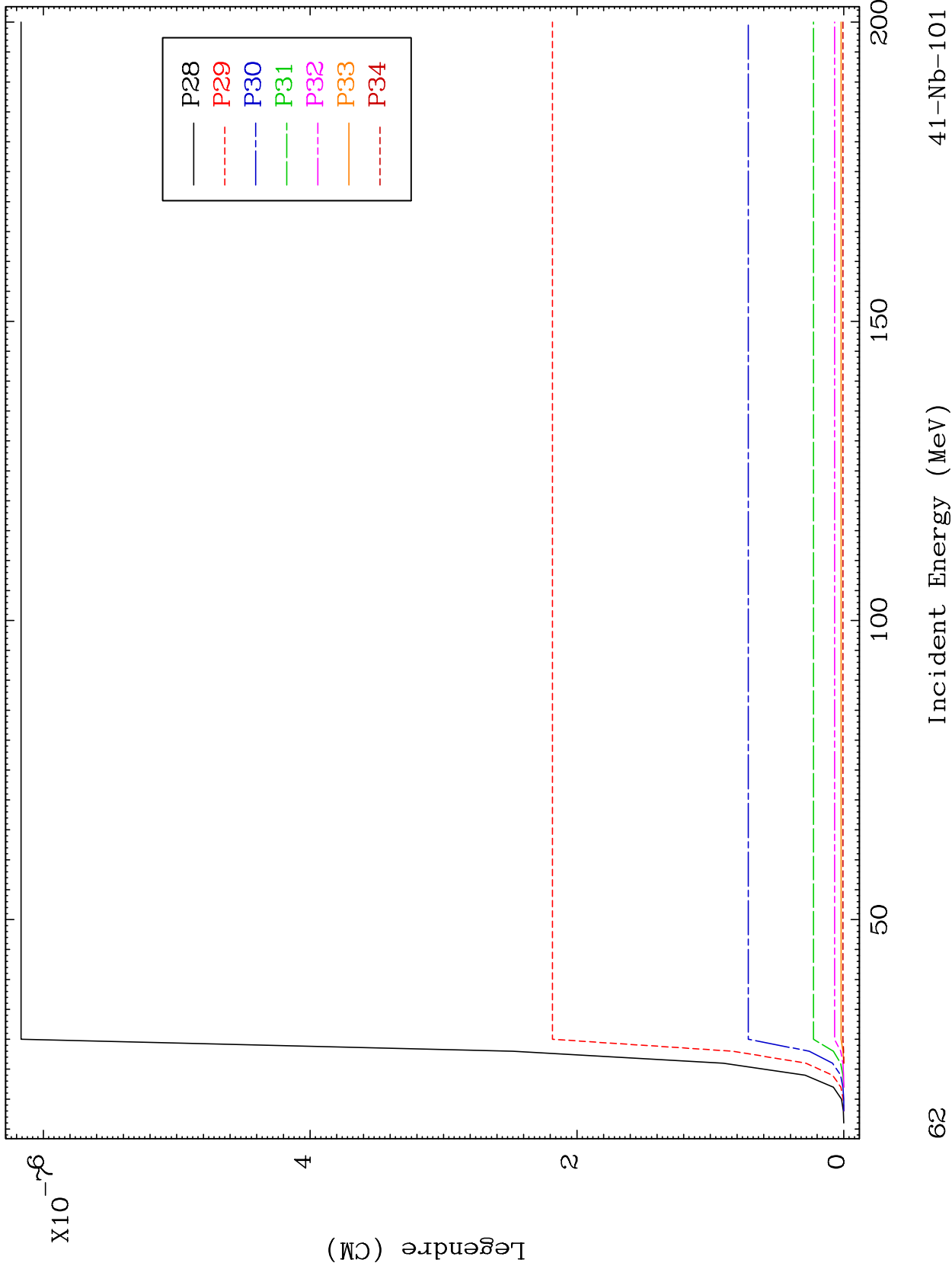
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101

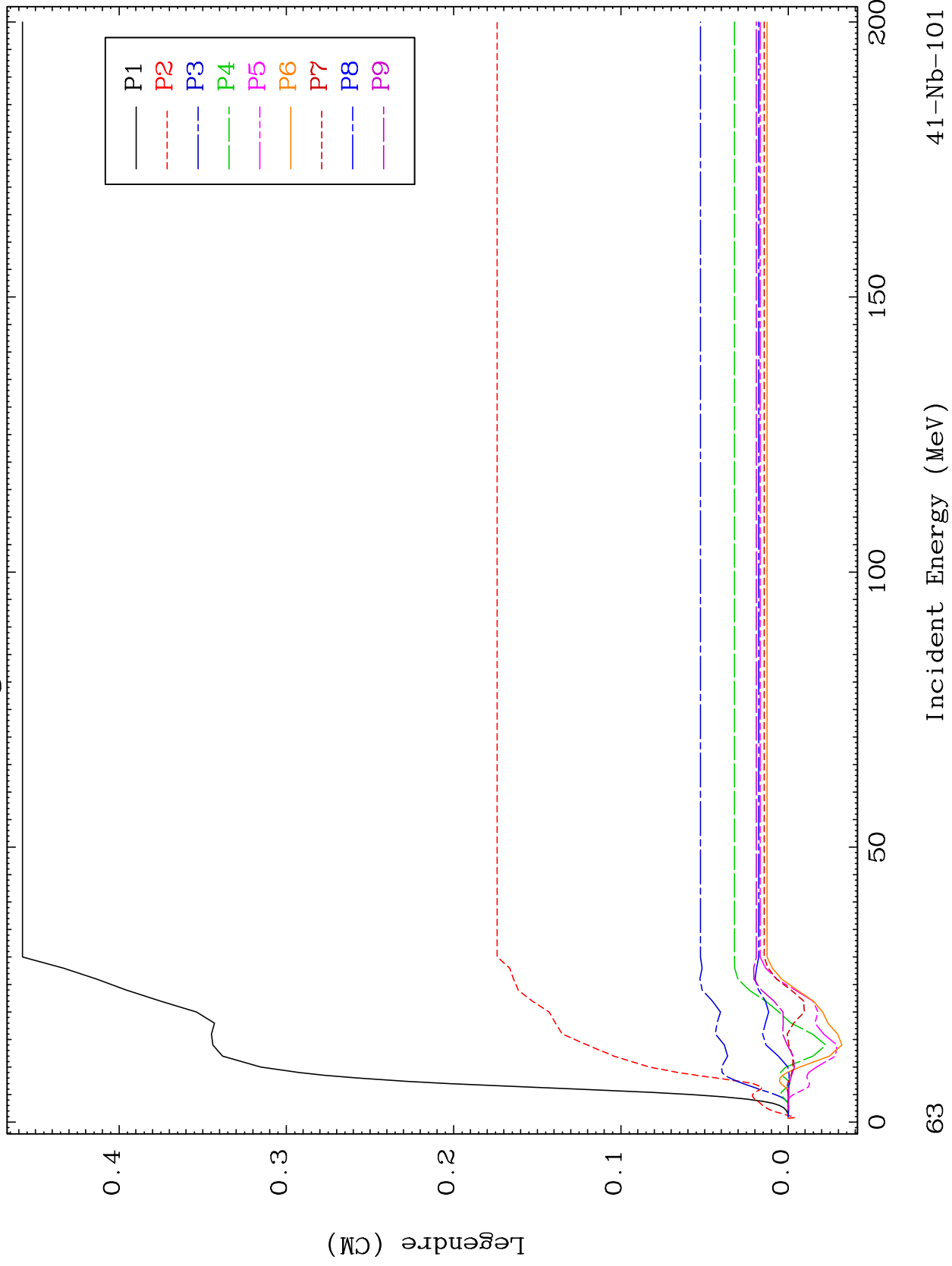


62

MAT 4149

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

41-Nb-101



41-Nb-101

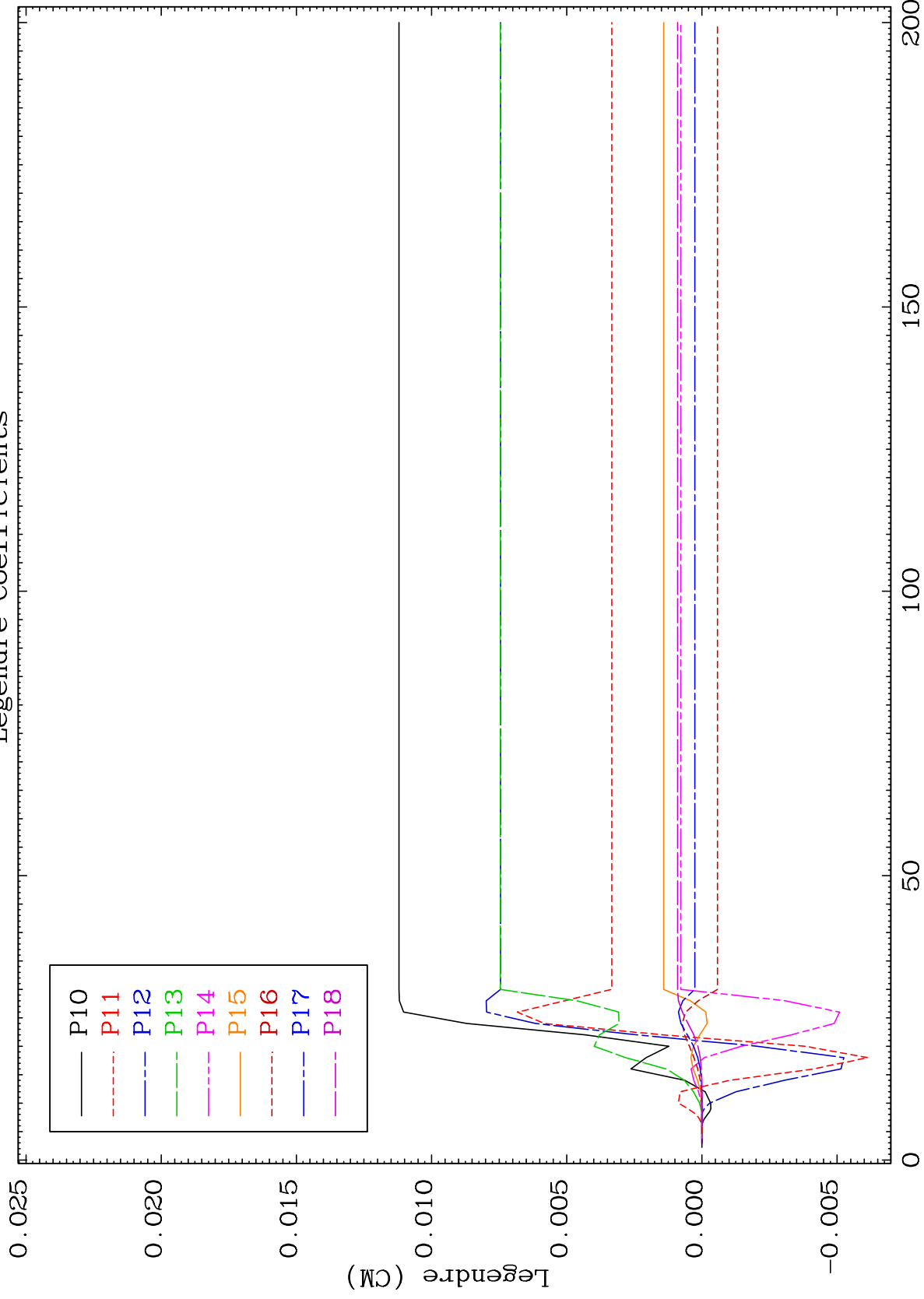
Incident Energy (MeV)

63

MAT 4149

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

41-Nb-101



64

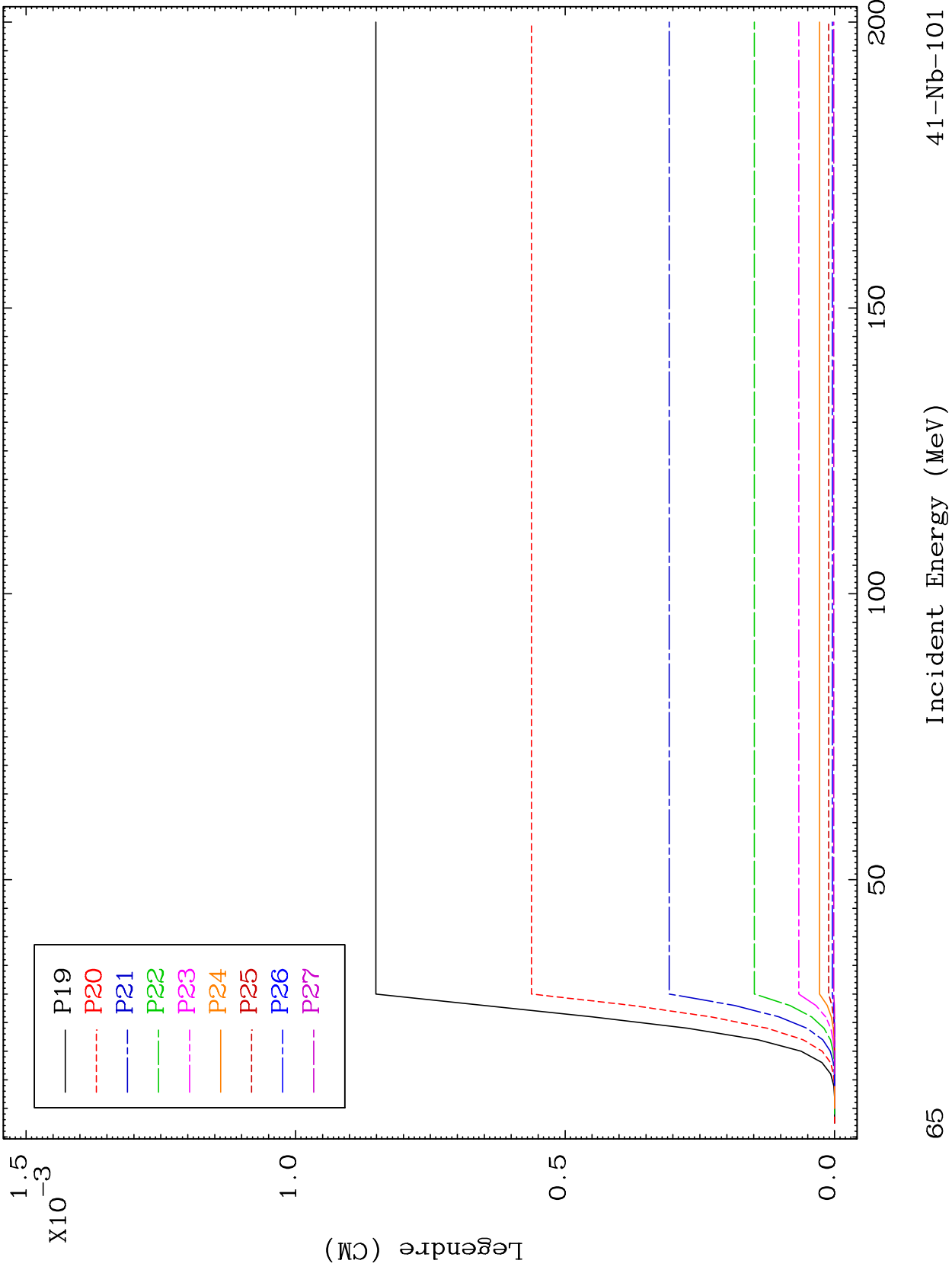
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

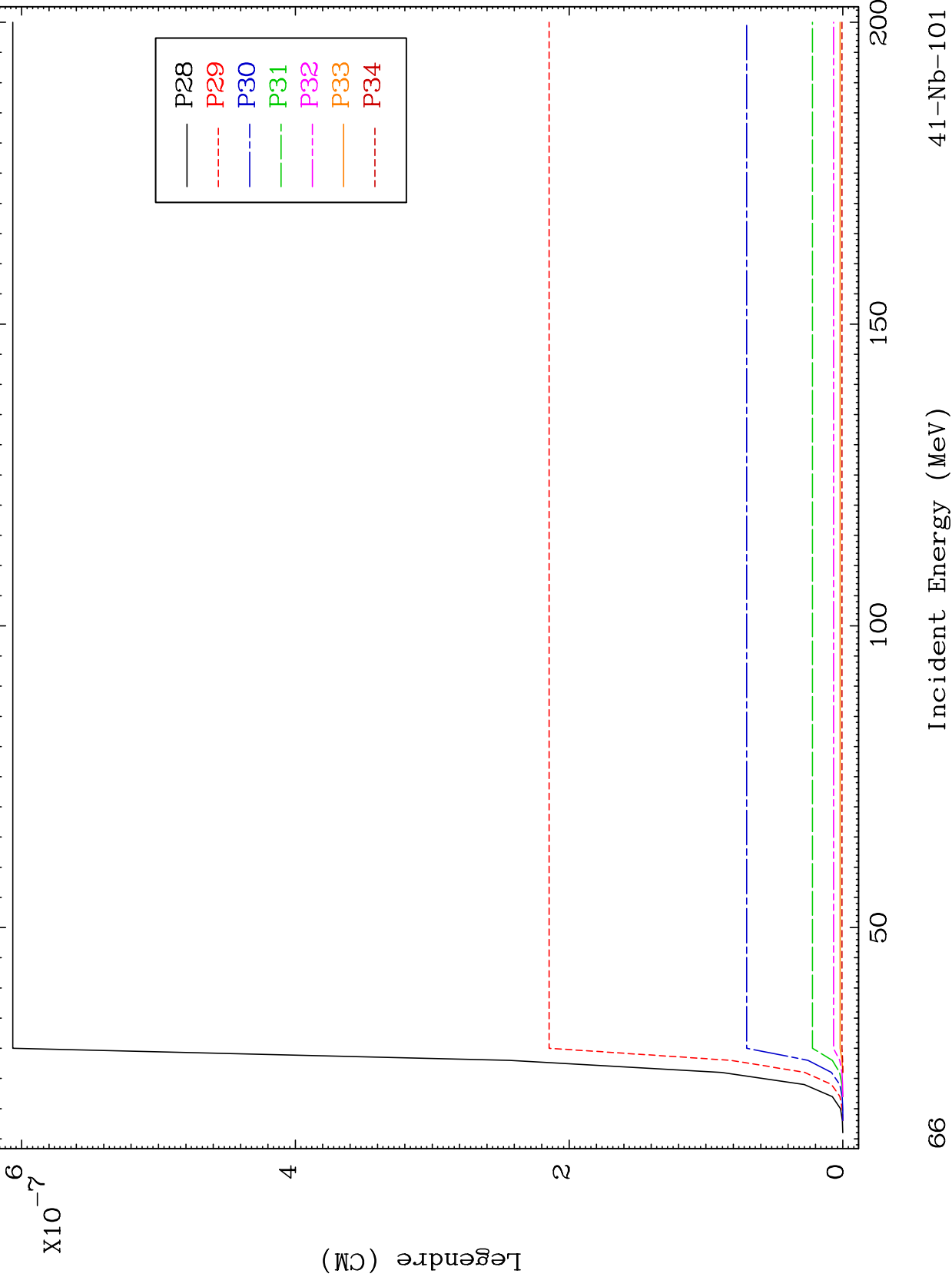
41-Nb-101



MAT 4149

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

41-Nb-101



66

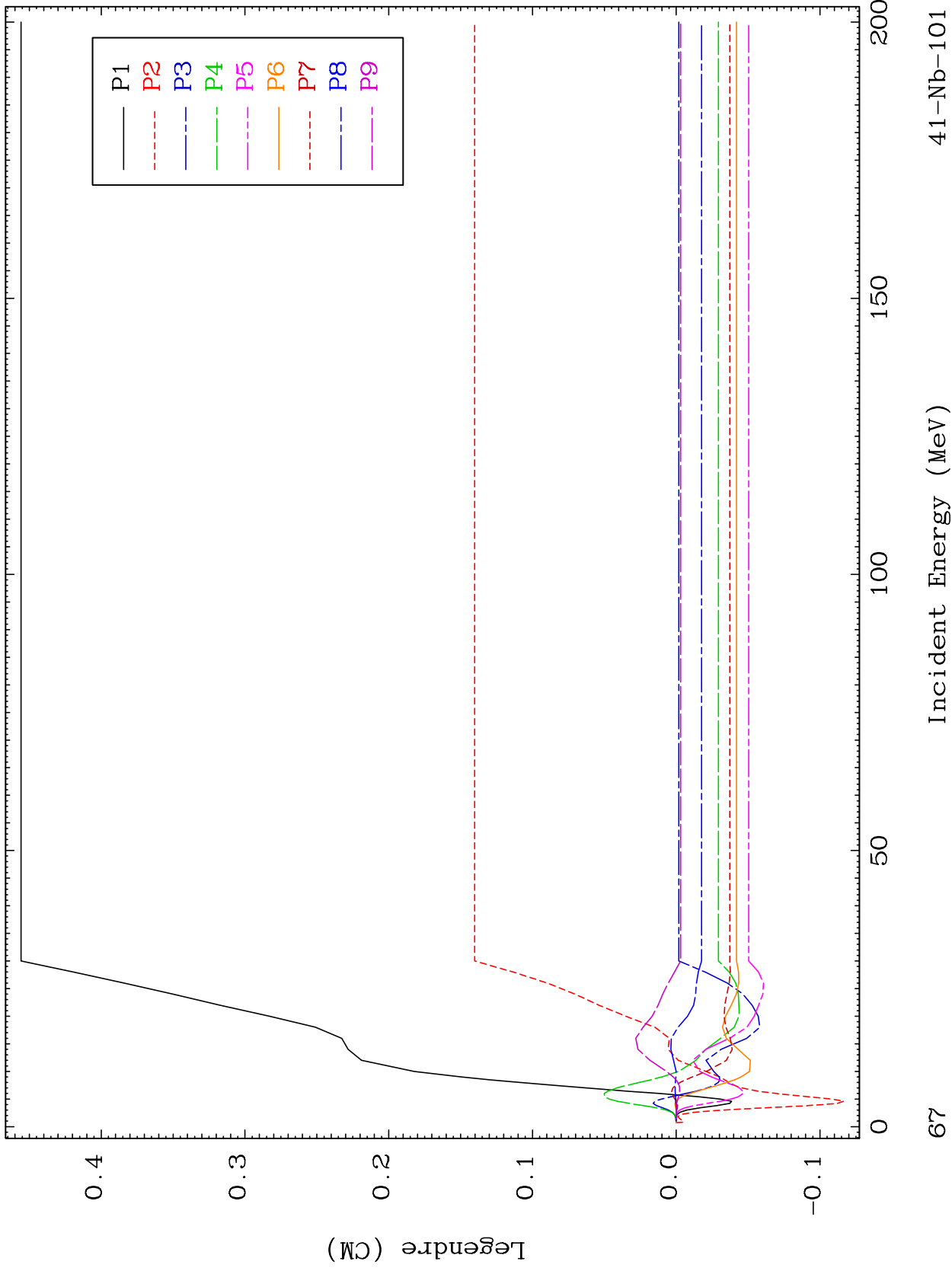
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



41-Nb-101

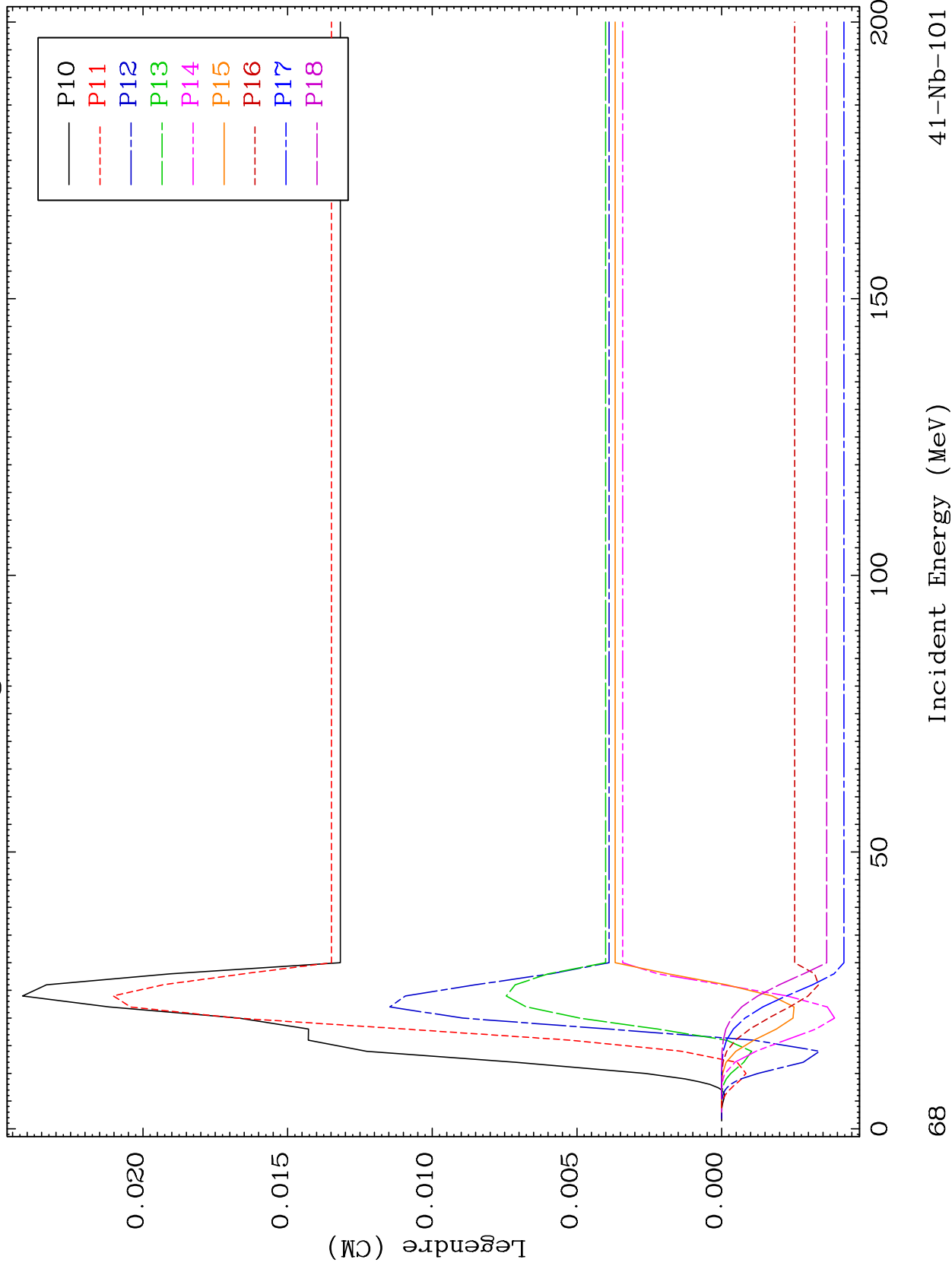
Incident Energy (MeV)

67

MAT 4149

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

41-Nb-101



41-Nb-101

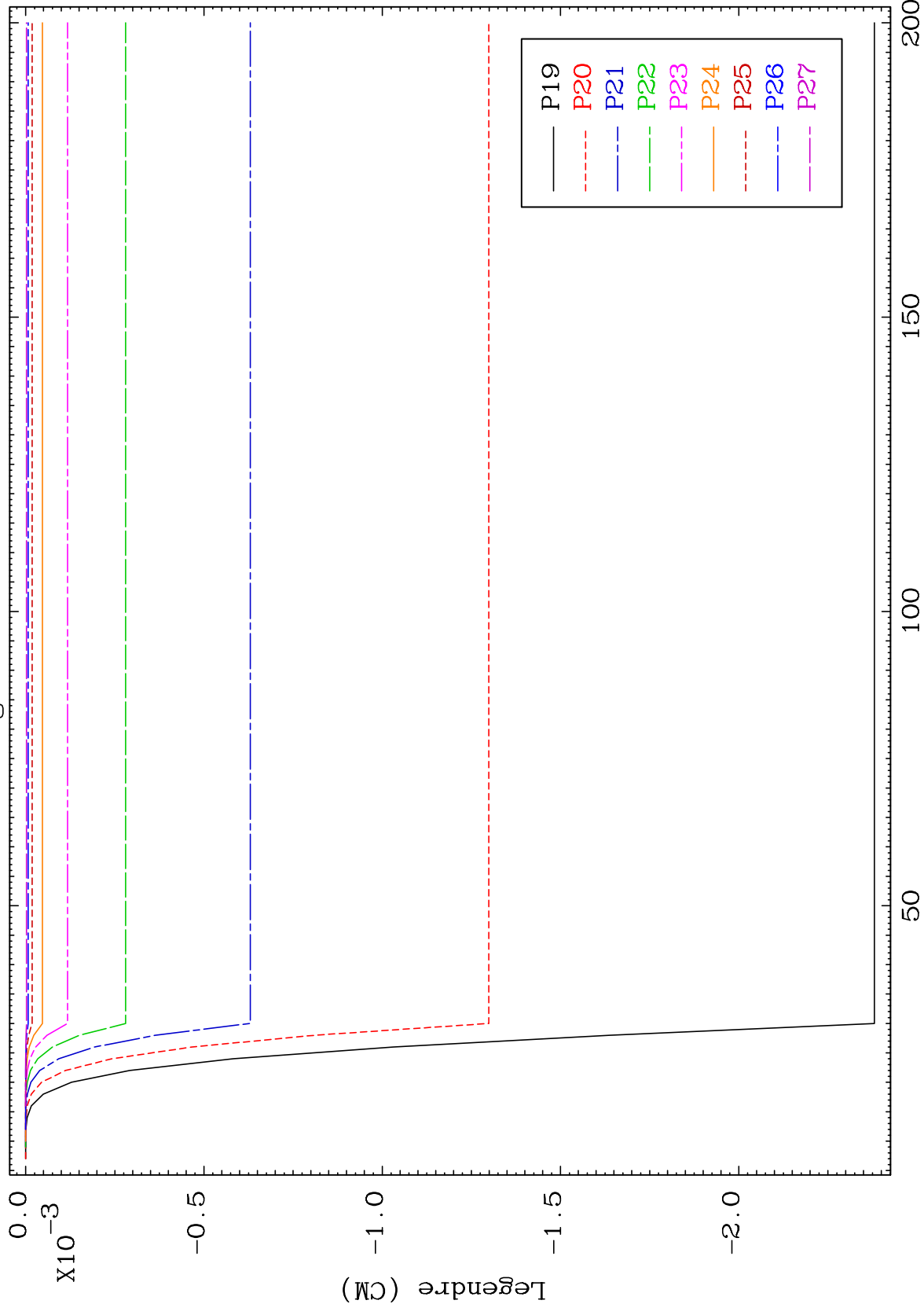
Incident Energy (MeV)

68

MAT 4149

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

41-Nb-101



69

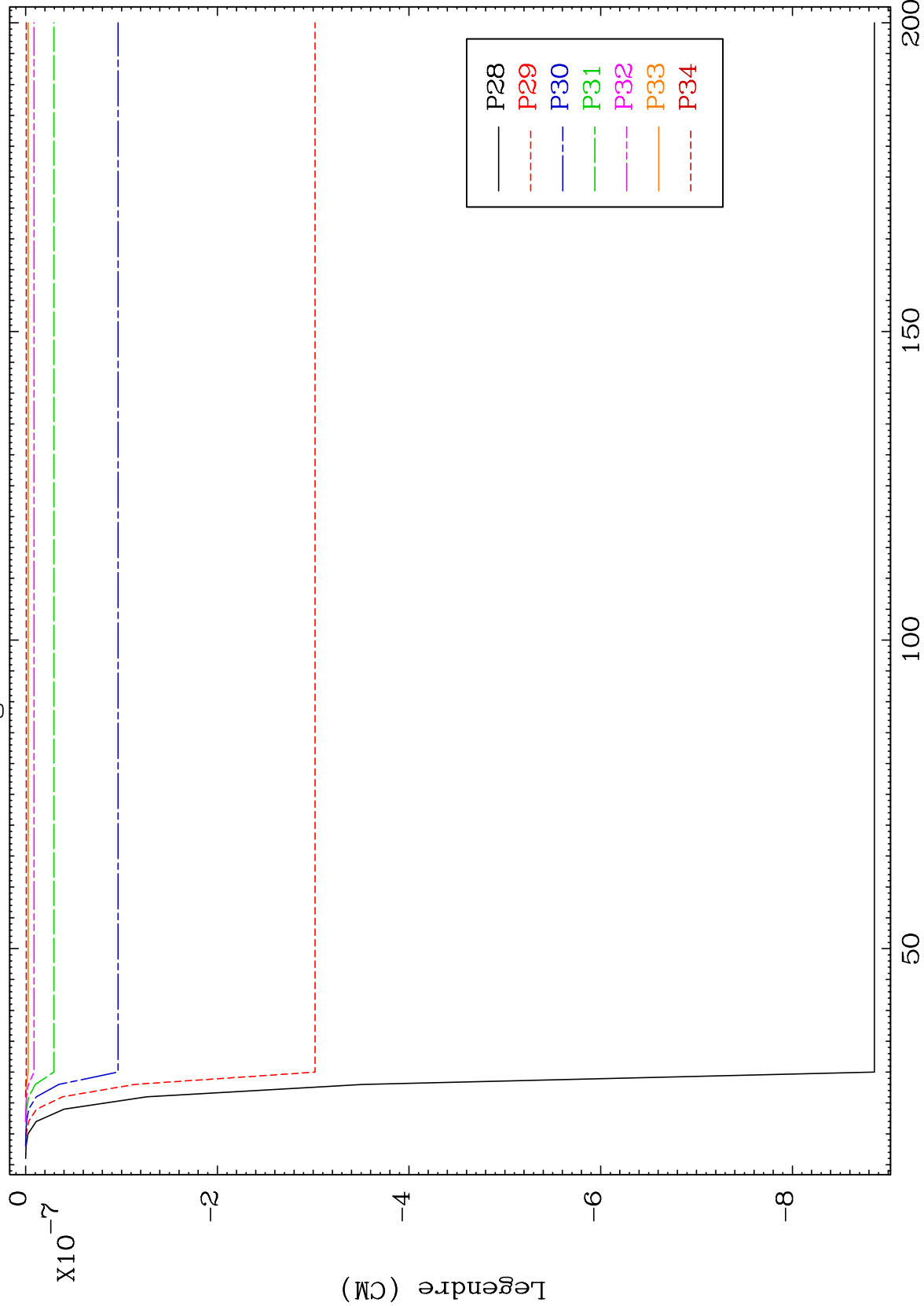
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



70

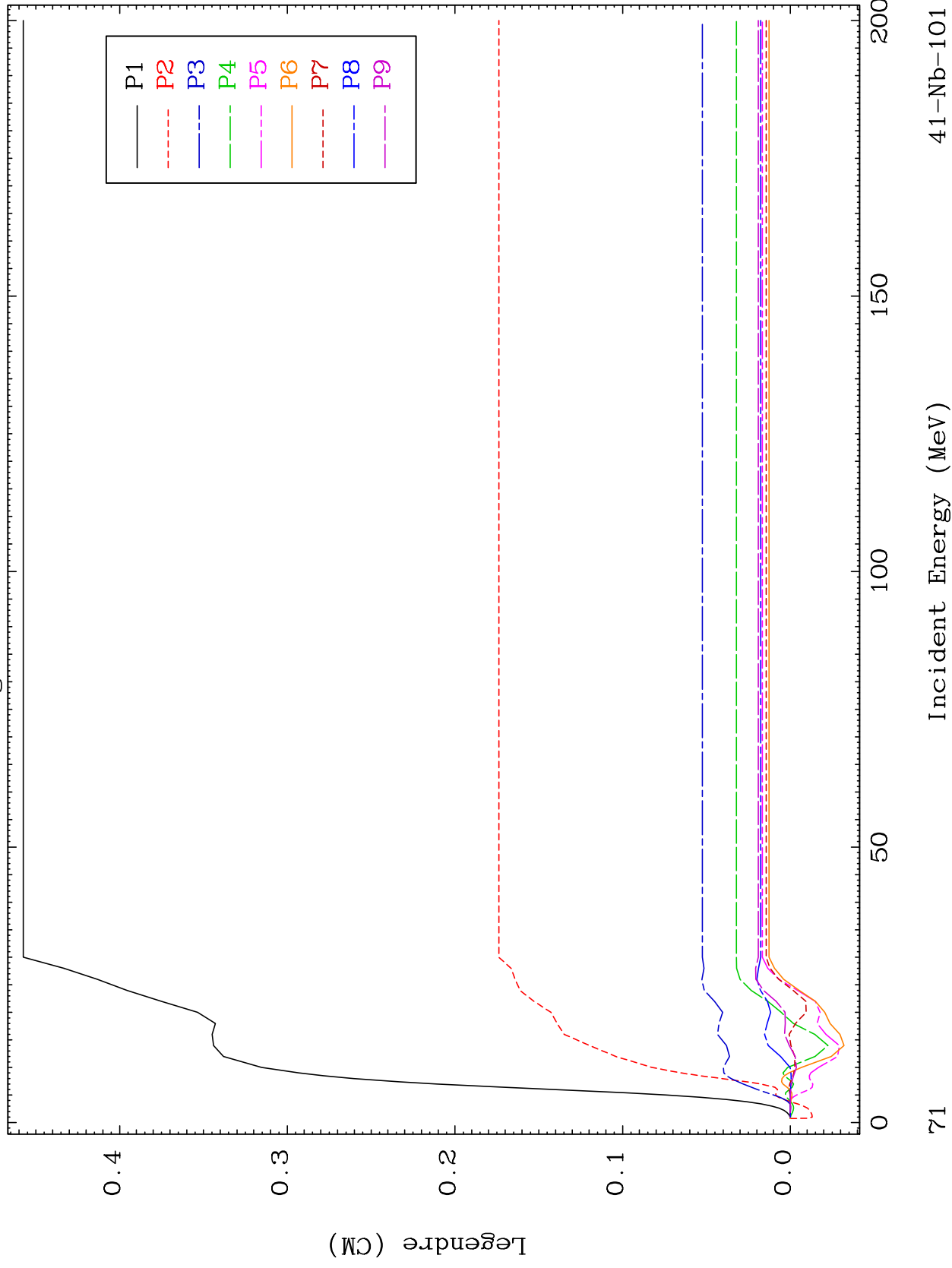
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



41-Nb-101

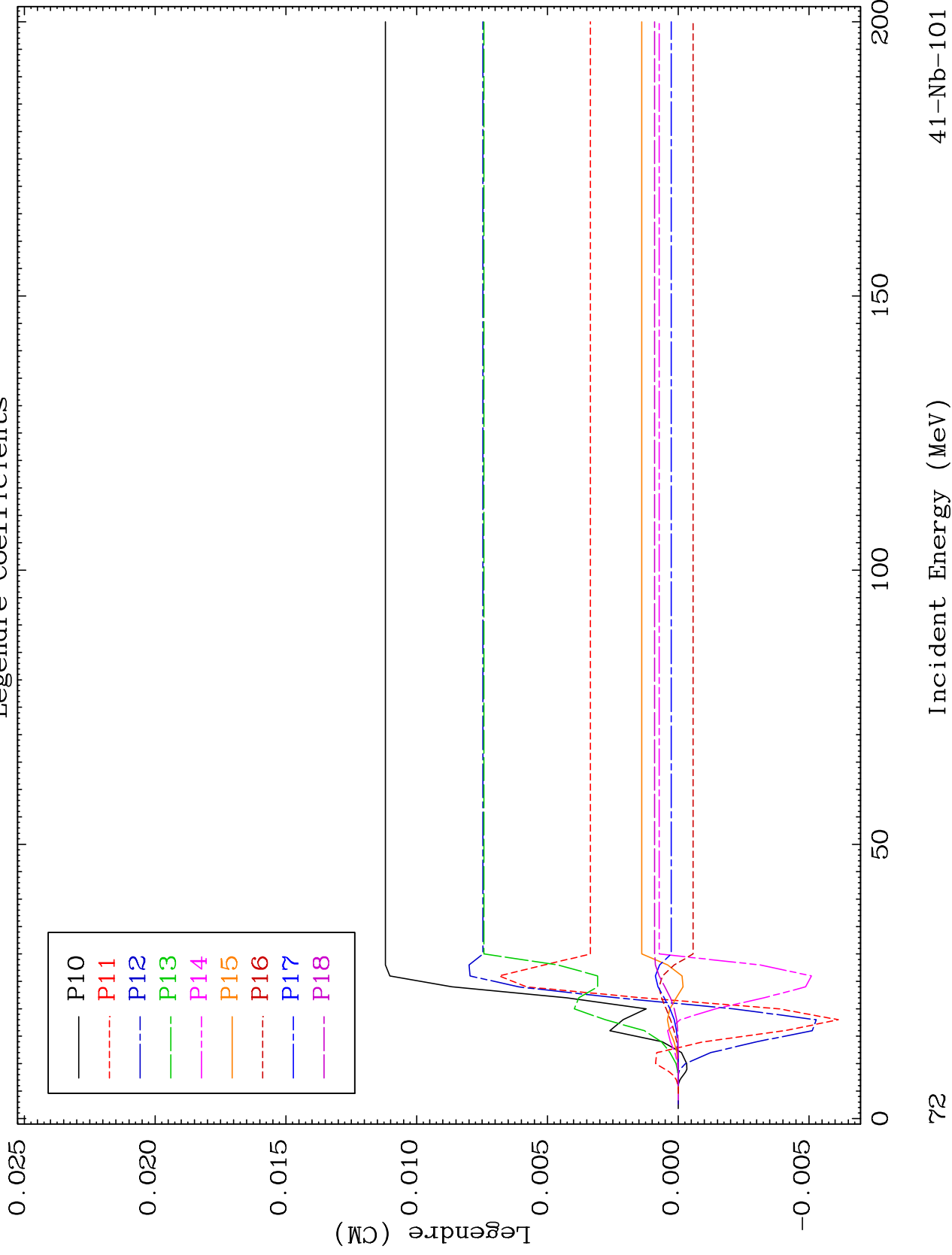
Incident Energy (MeV)

71

MAT 4149

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

41-Nb-101



72

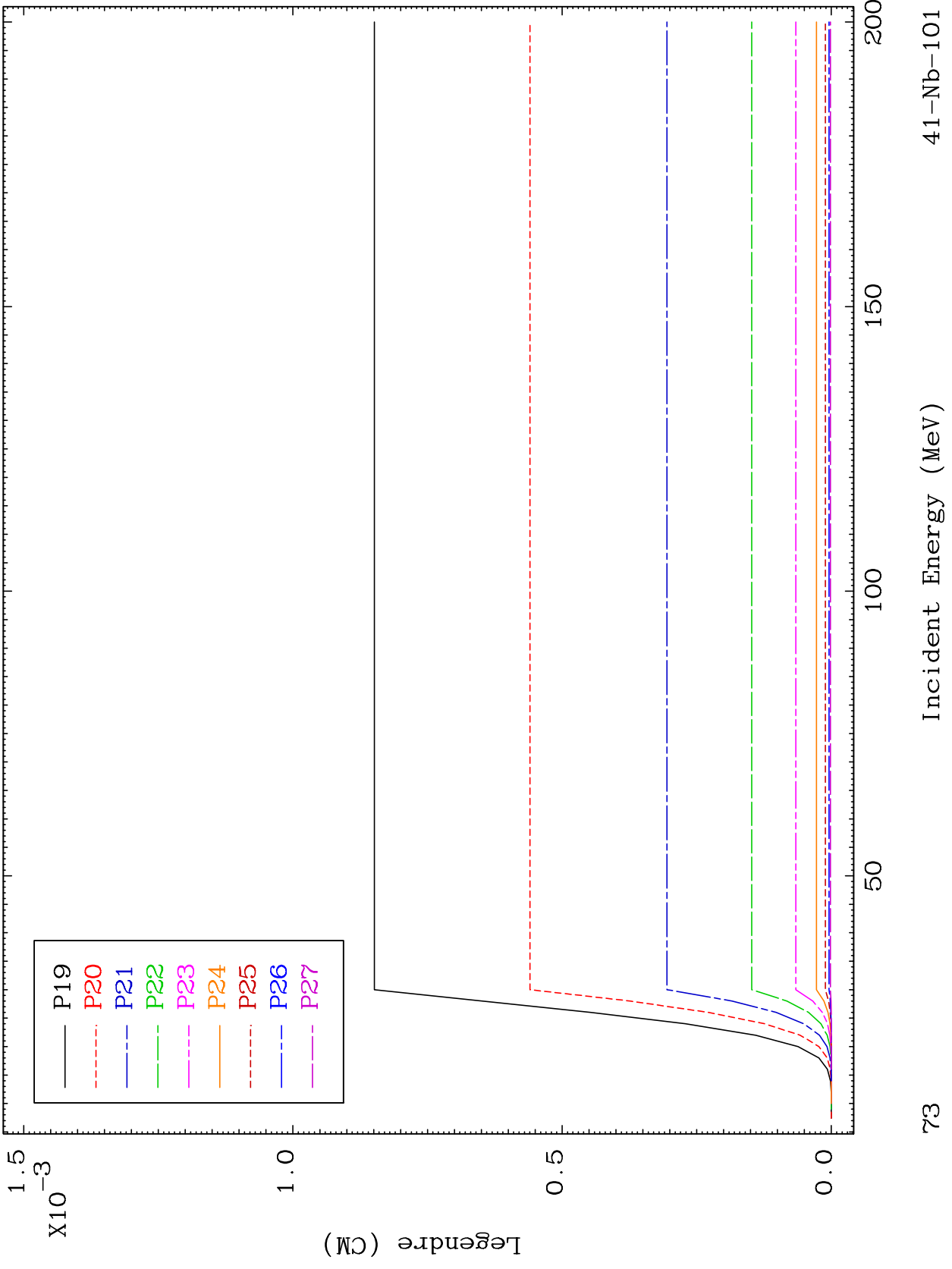
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101

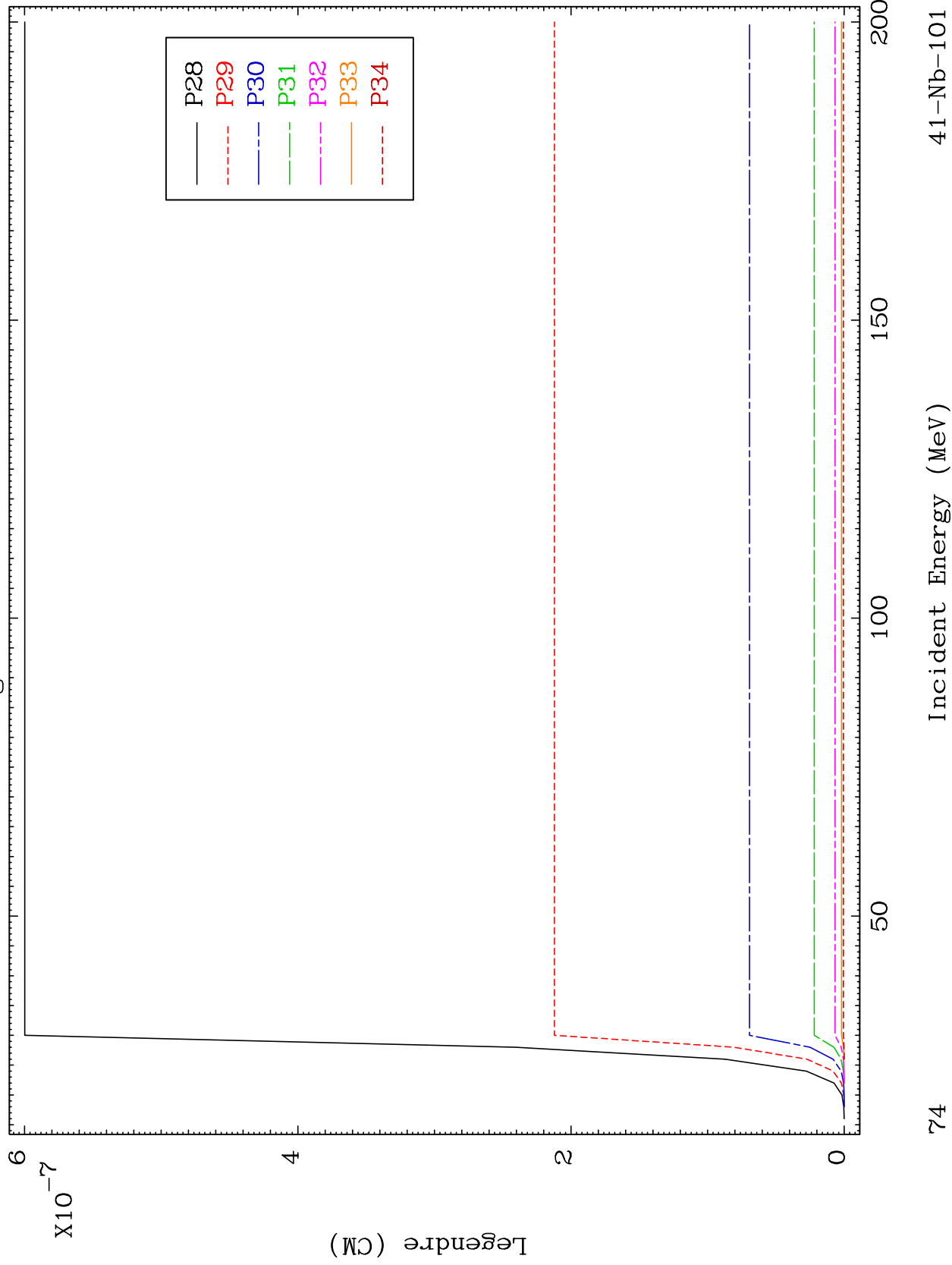


73

MAT 4149

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

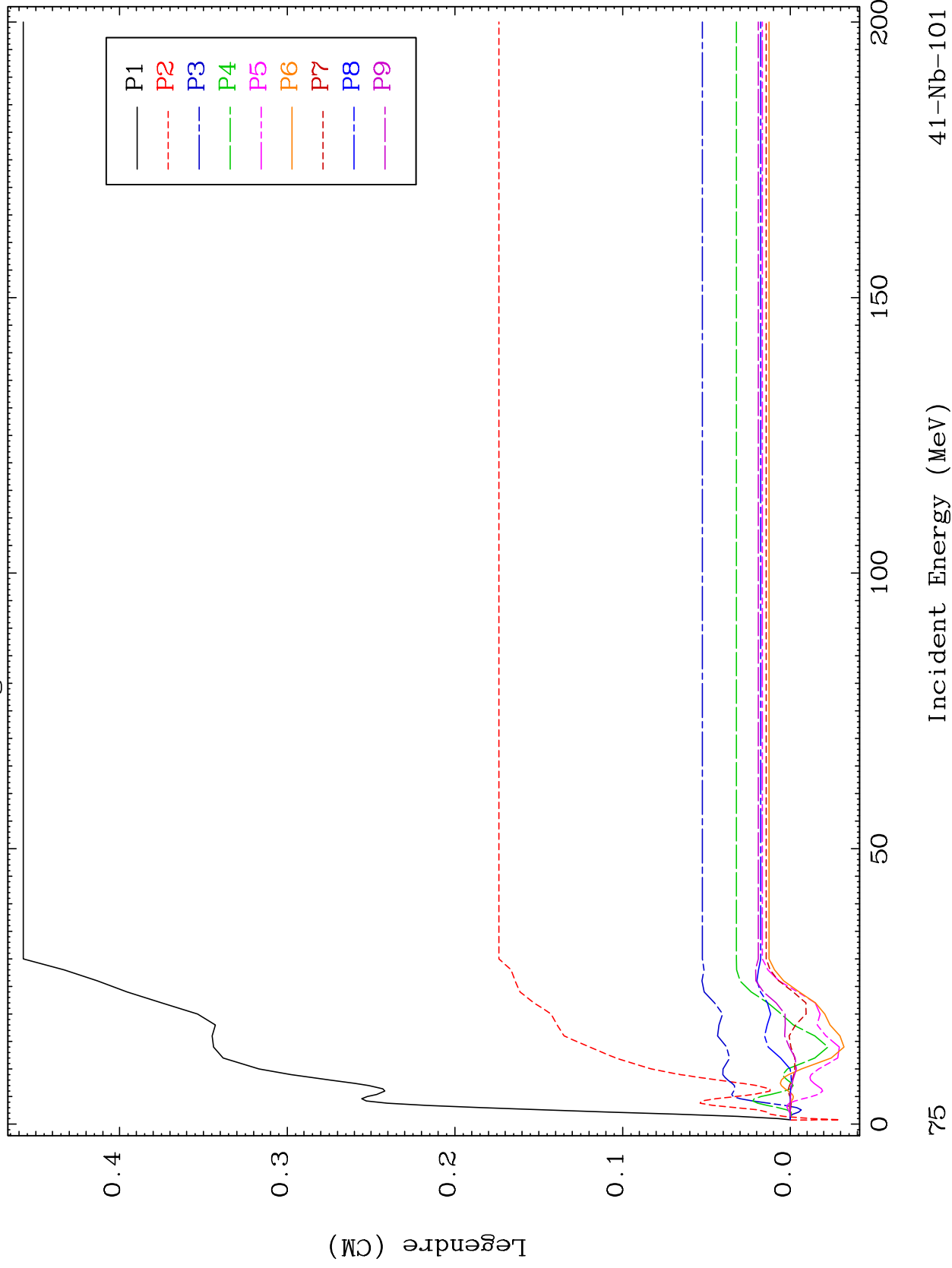
41-Nb-101



MAT 4149

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

41-Nb-101



41-Nb-101

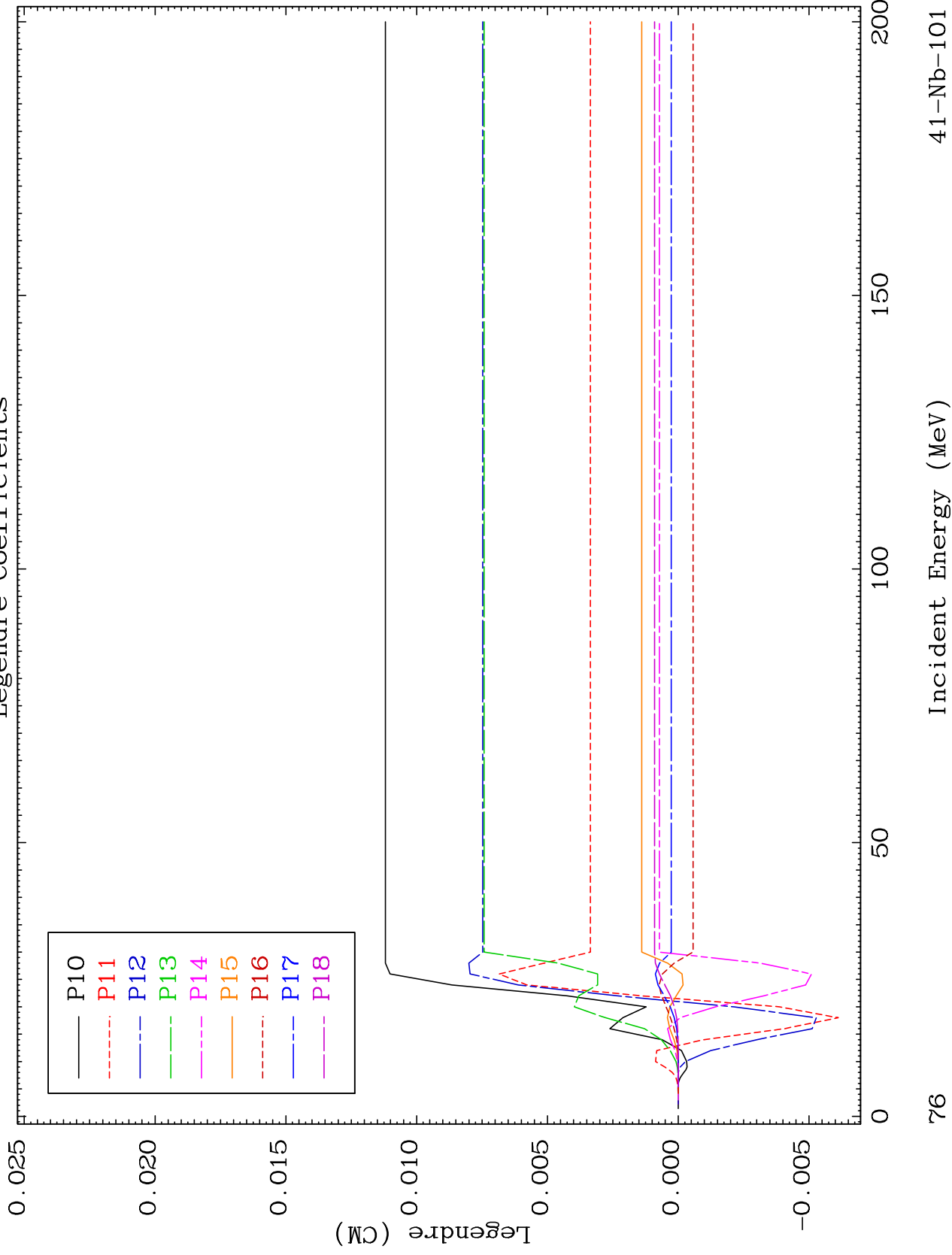
Incident Energy (MeV)

75

MAT 4149

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

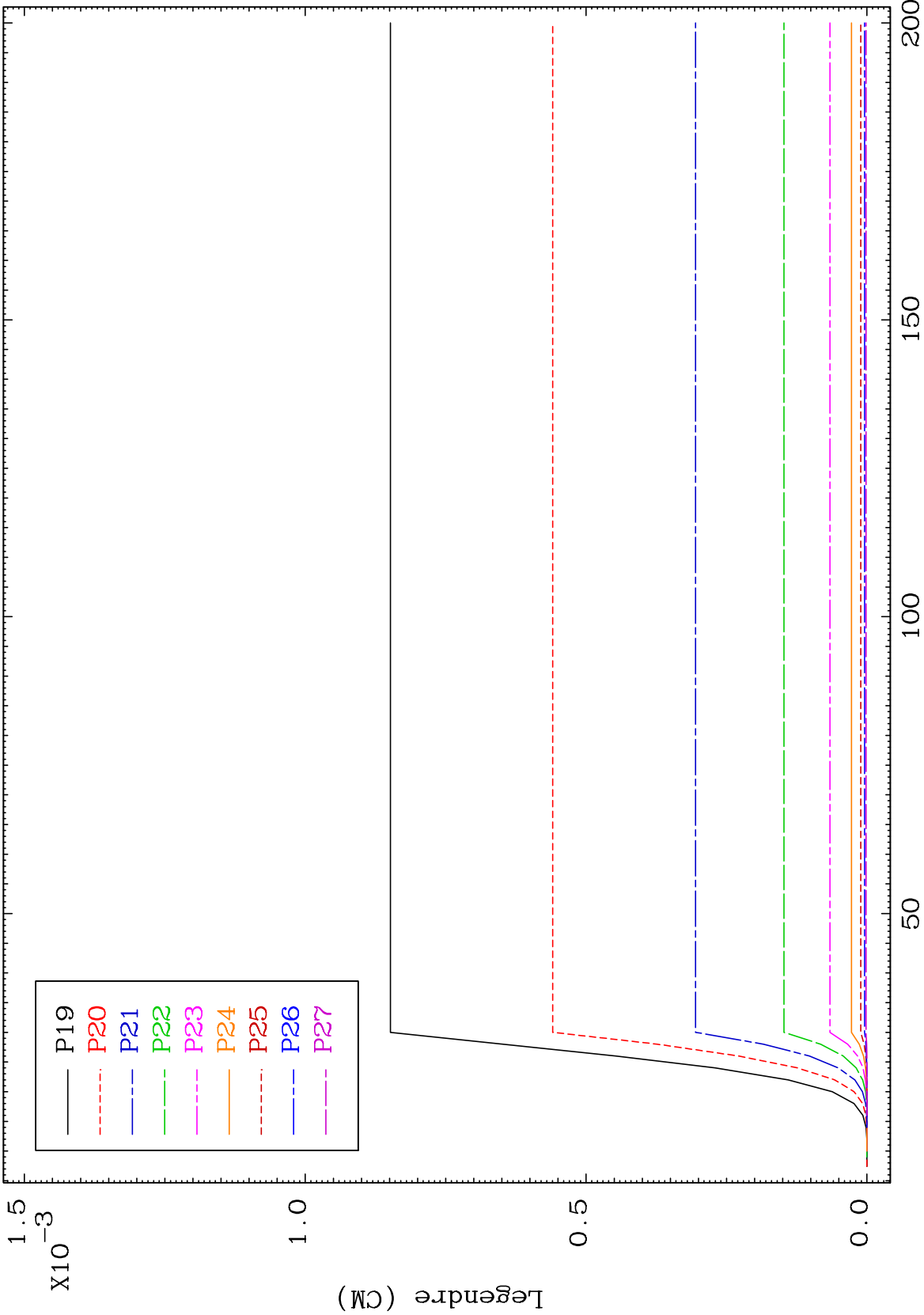
41-Nb-101



76

Incident Energy (MeV)

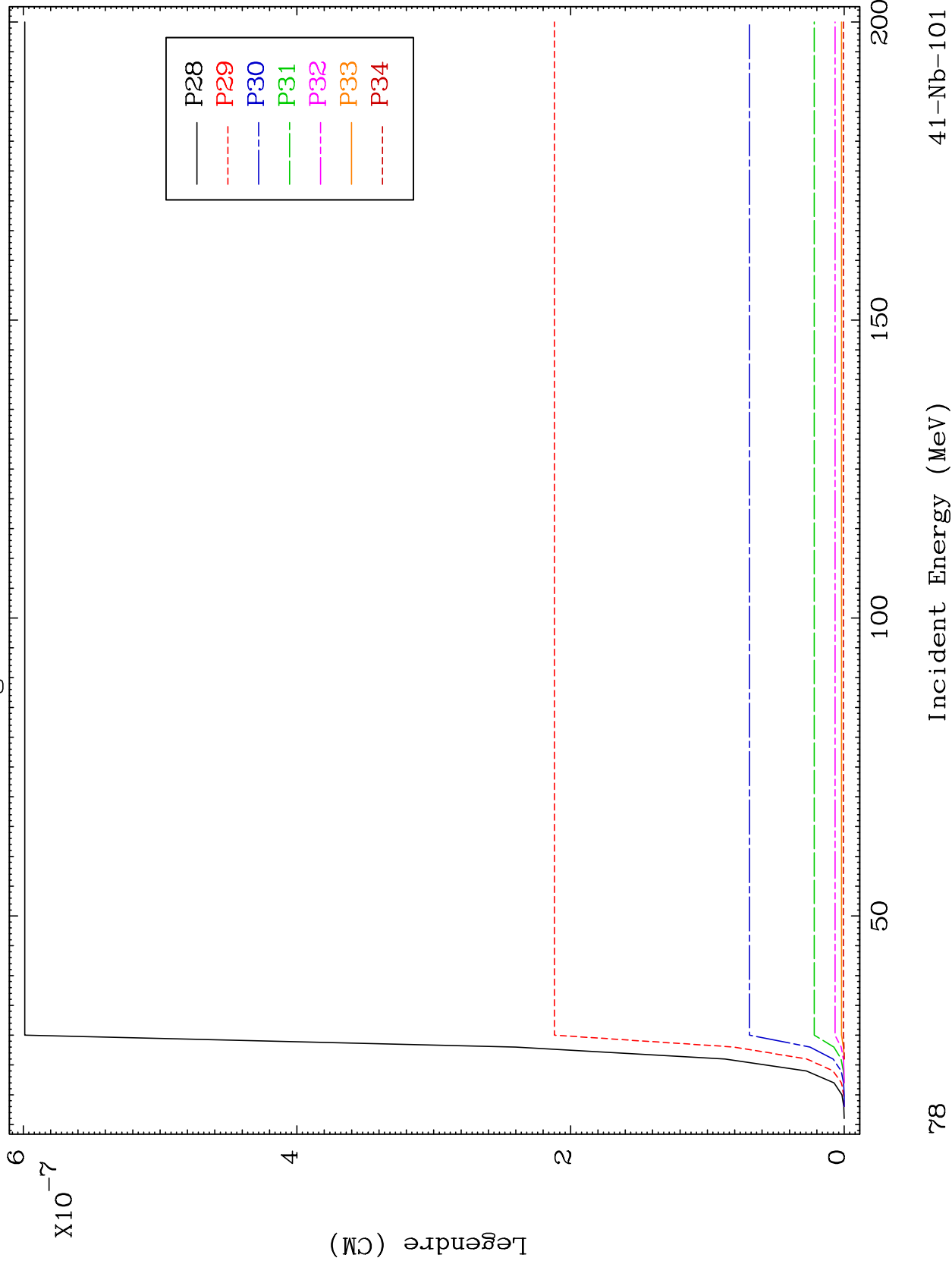
41-Nb-101



MAT 4149

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

41-Nb-101



78

Incident Energy (MeV)

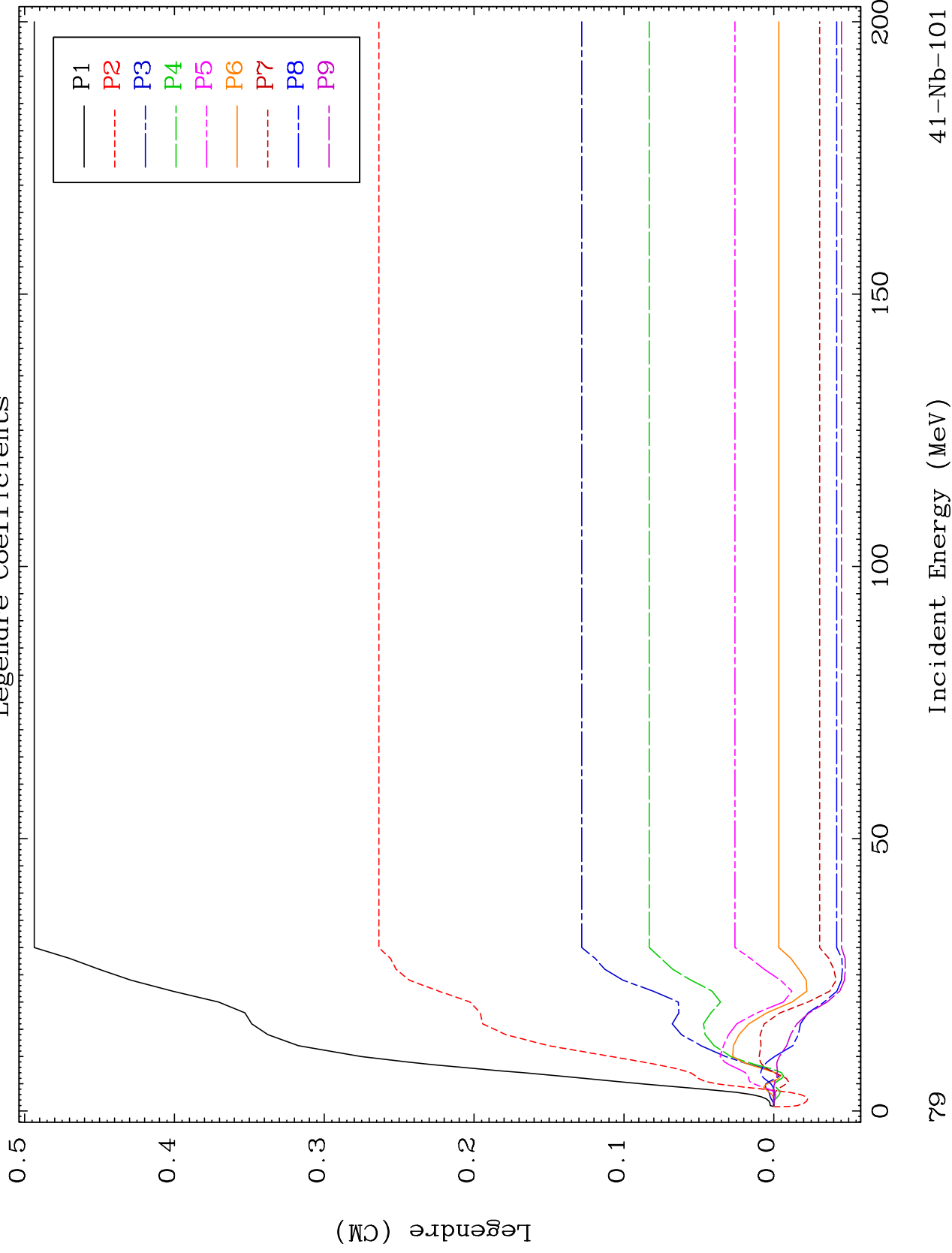
41-Nb-101

MAT 4149

MT= 66 (n,n') Level

41-Nb-101

Legendre Coefficients



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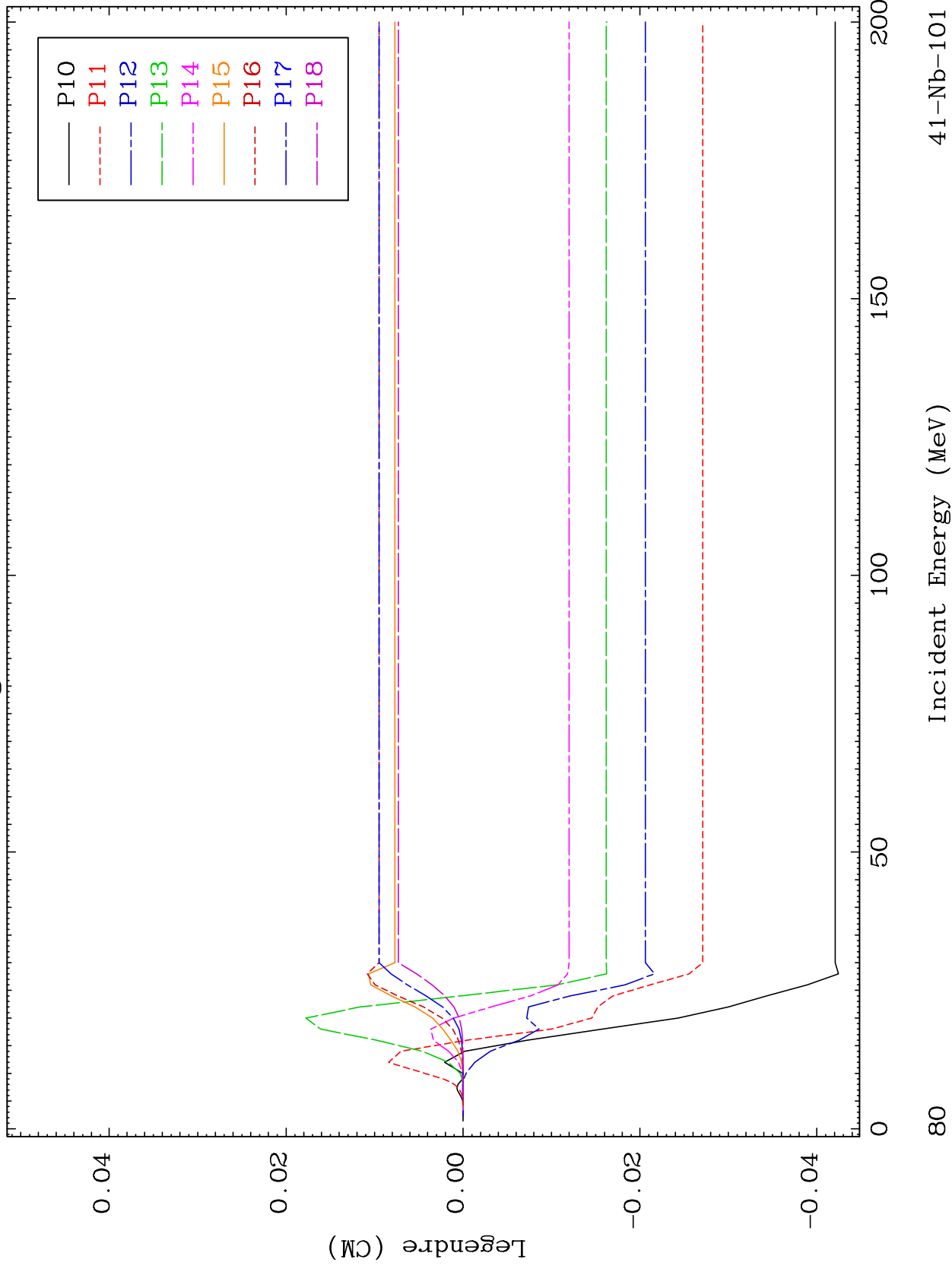
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



41-Nb-101

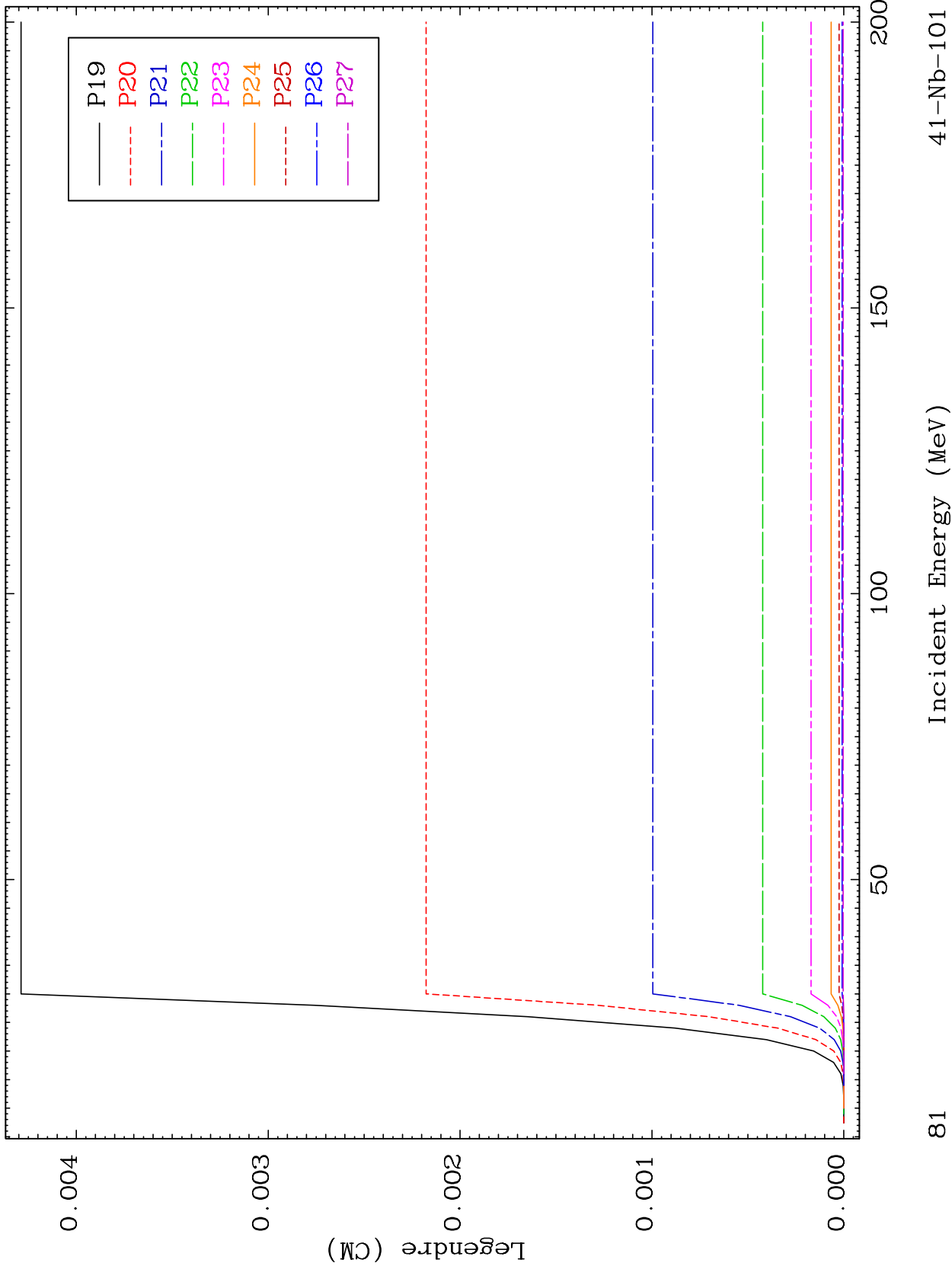
Incident Energy (MeV)

80

MAT 4149

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

41-Nb-101



81

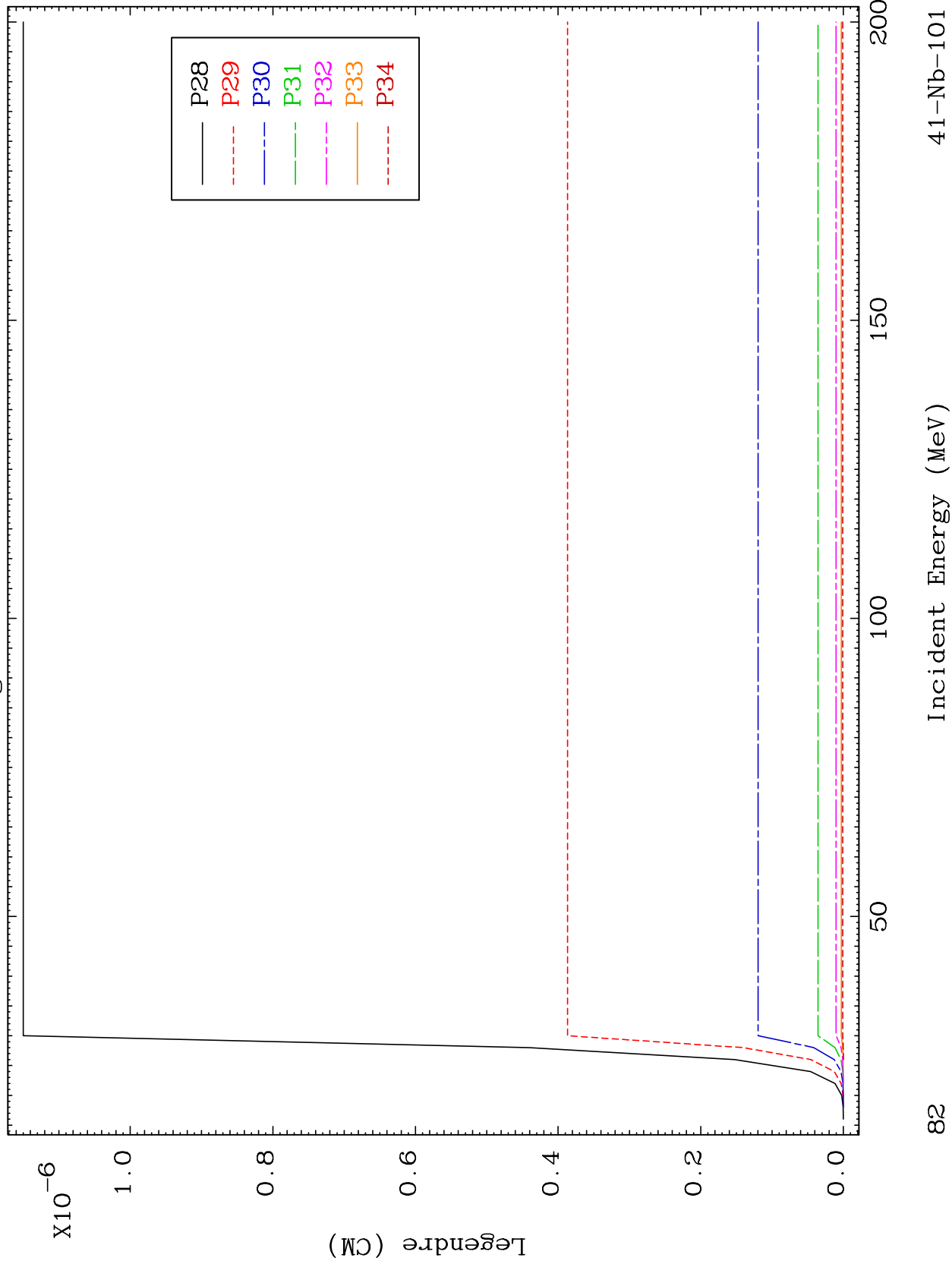
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

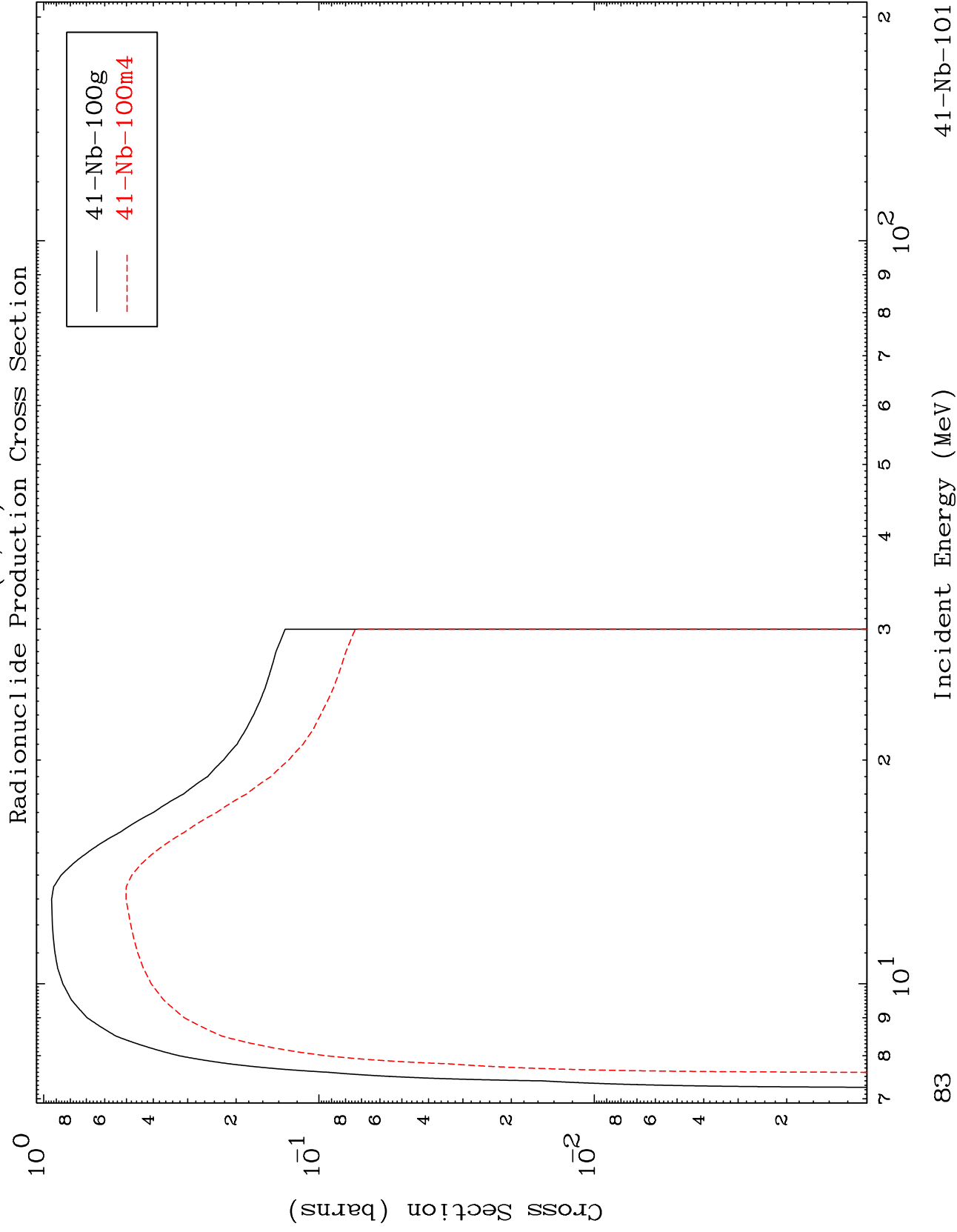
41-Nb-101



MAT 4149

(n,2n)

41-Nb-101

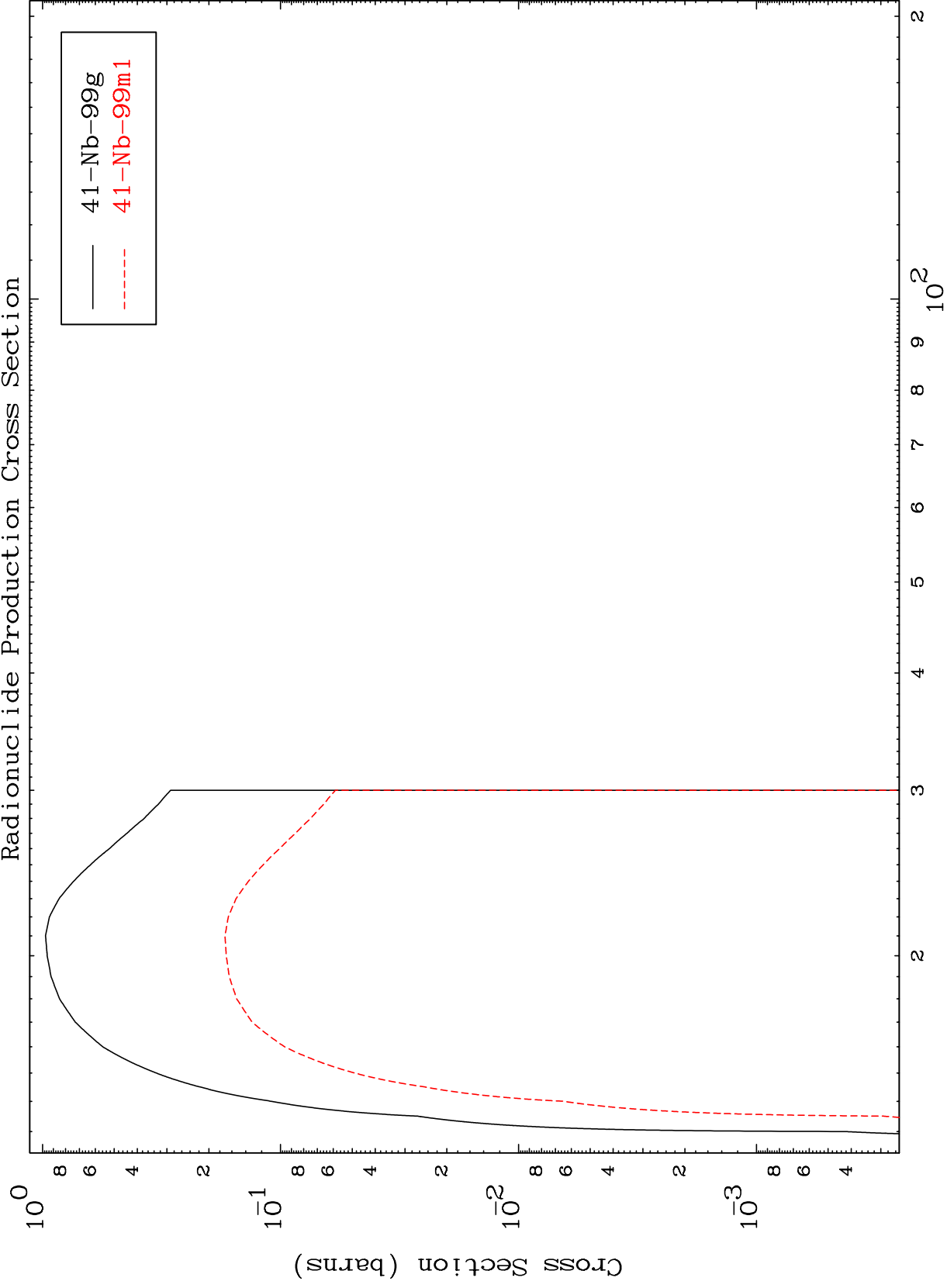


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MAT 4149

41-Nb-101

(n,3n)
Radionuclide Production Cross Section

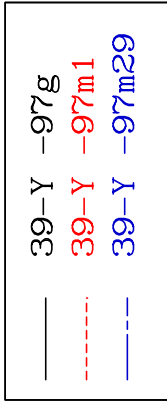
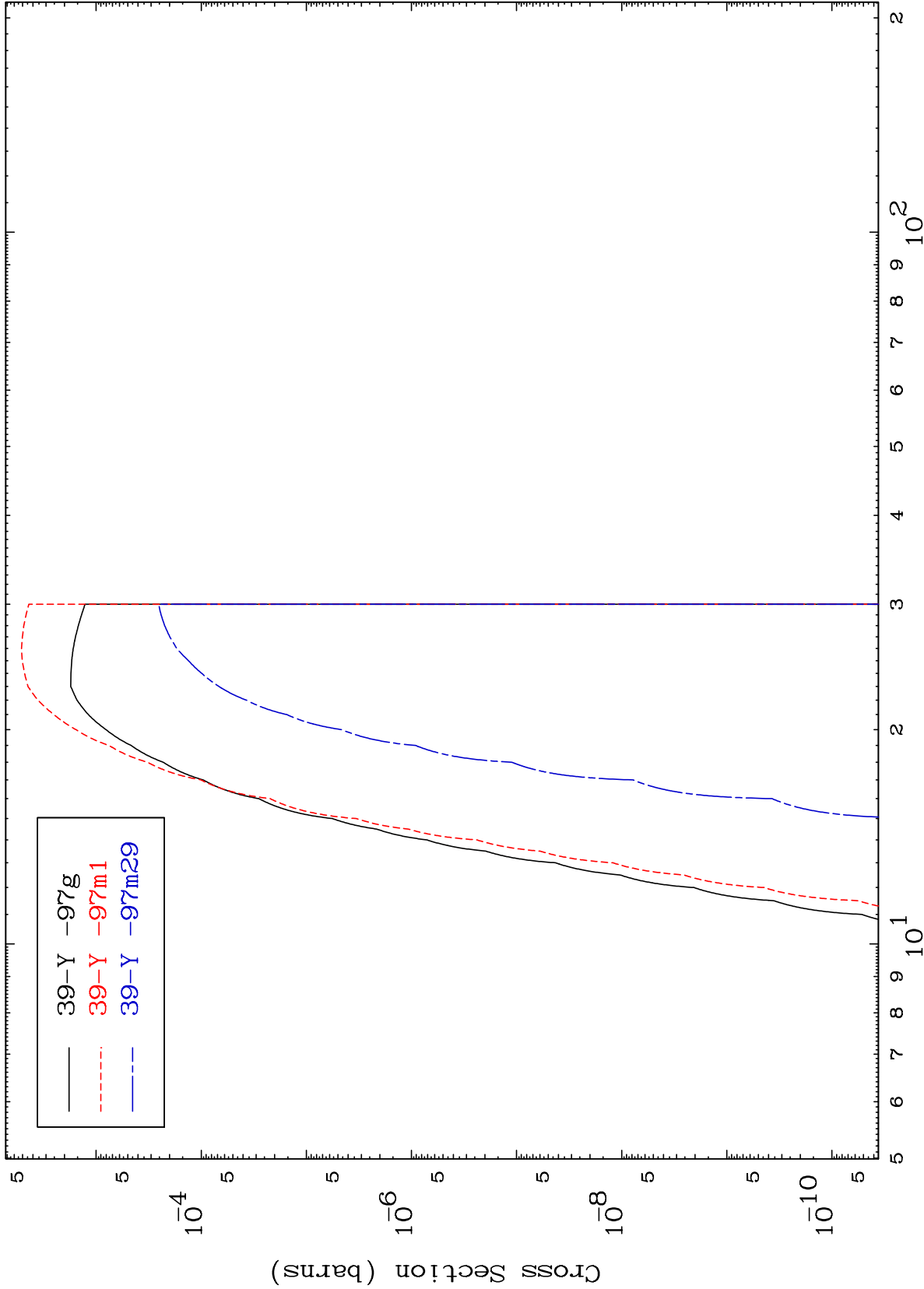


84

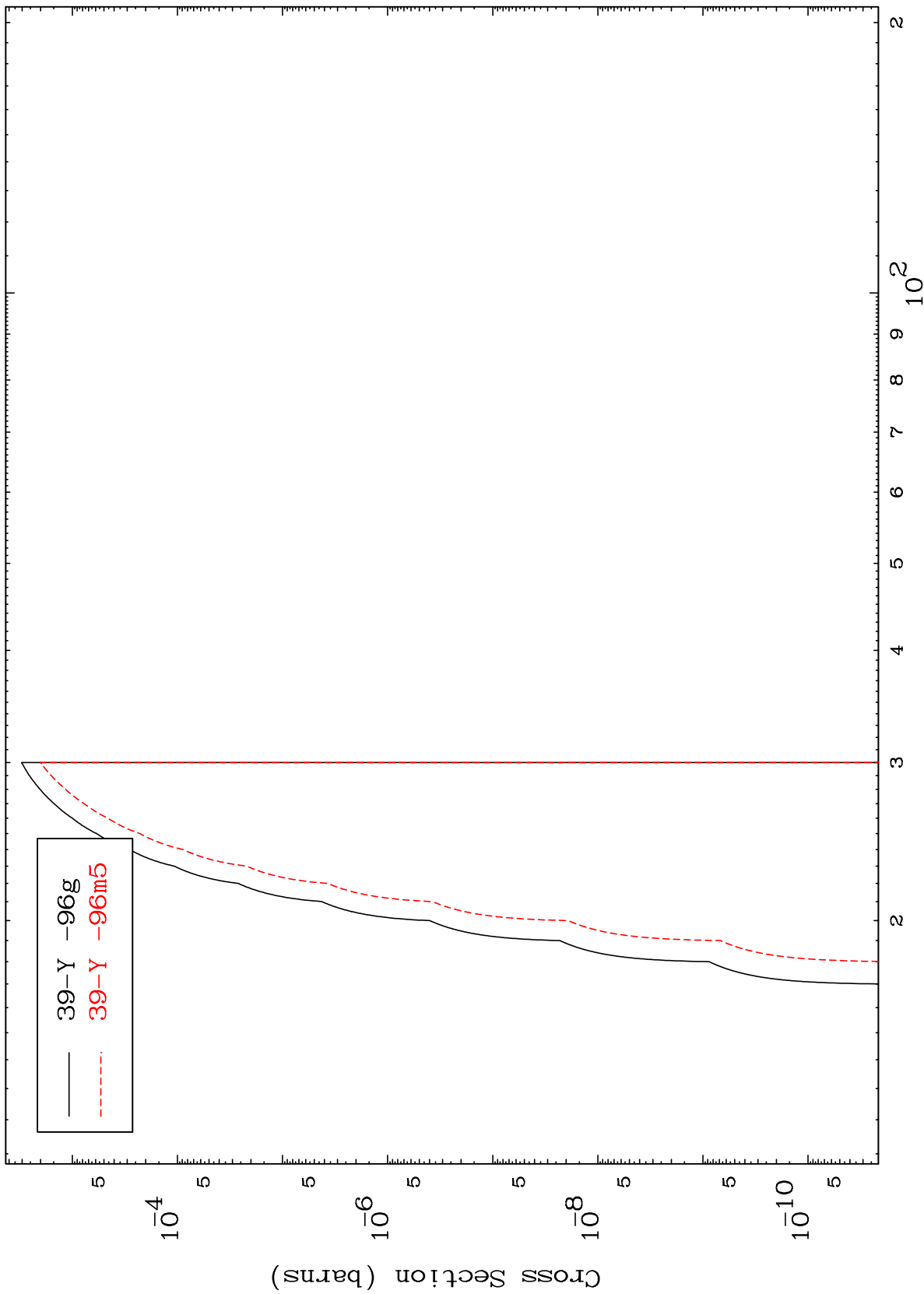
Incident Energy (MeV)

41-Nb-101

Radionuclide Production Cross Section



(n,2n) α
Radionuclide Production Cross Section

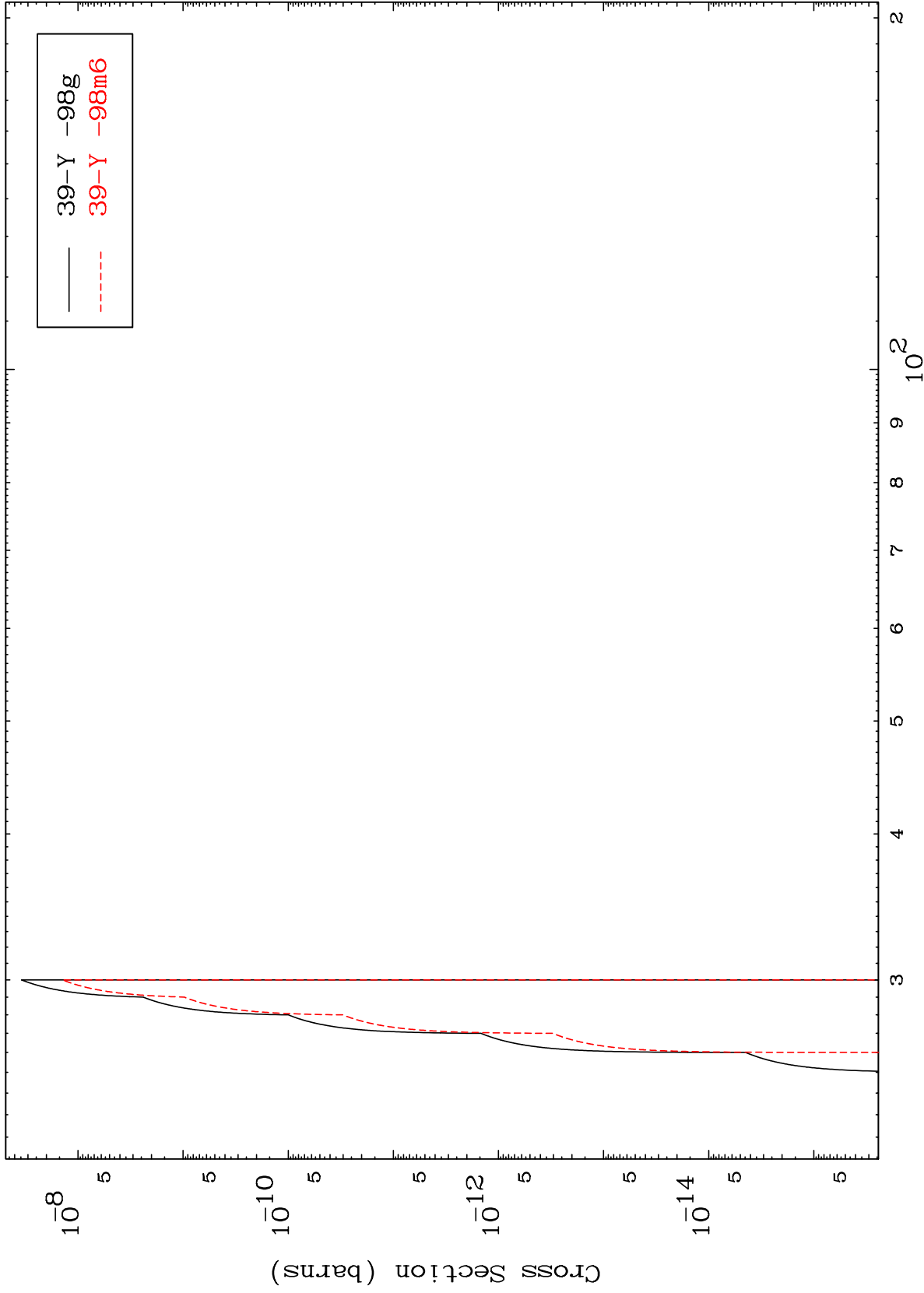


MAT 4149

(n,n') He-3

41-Nb-101

Radionuclide Production Cross Section



87

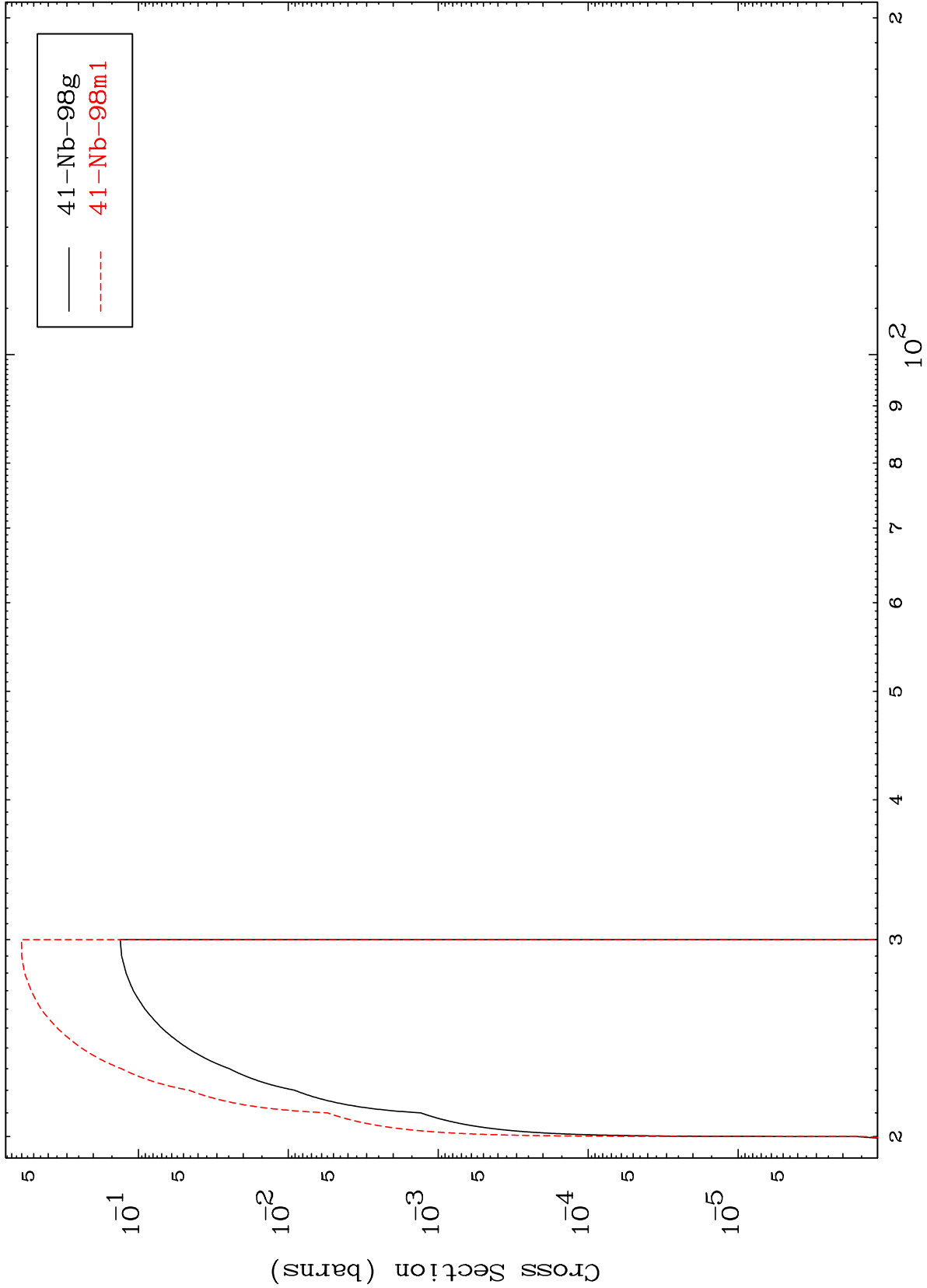
Incident Energy (MeV)

41-Nb-101

MAT 4149

41-Nb-101

(n,4n)
Radionuclide Production Cross Section

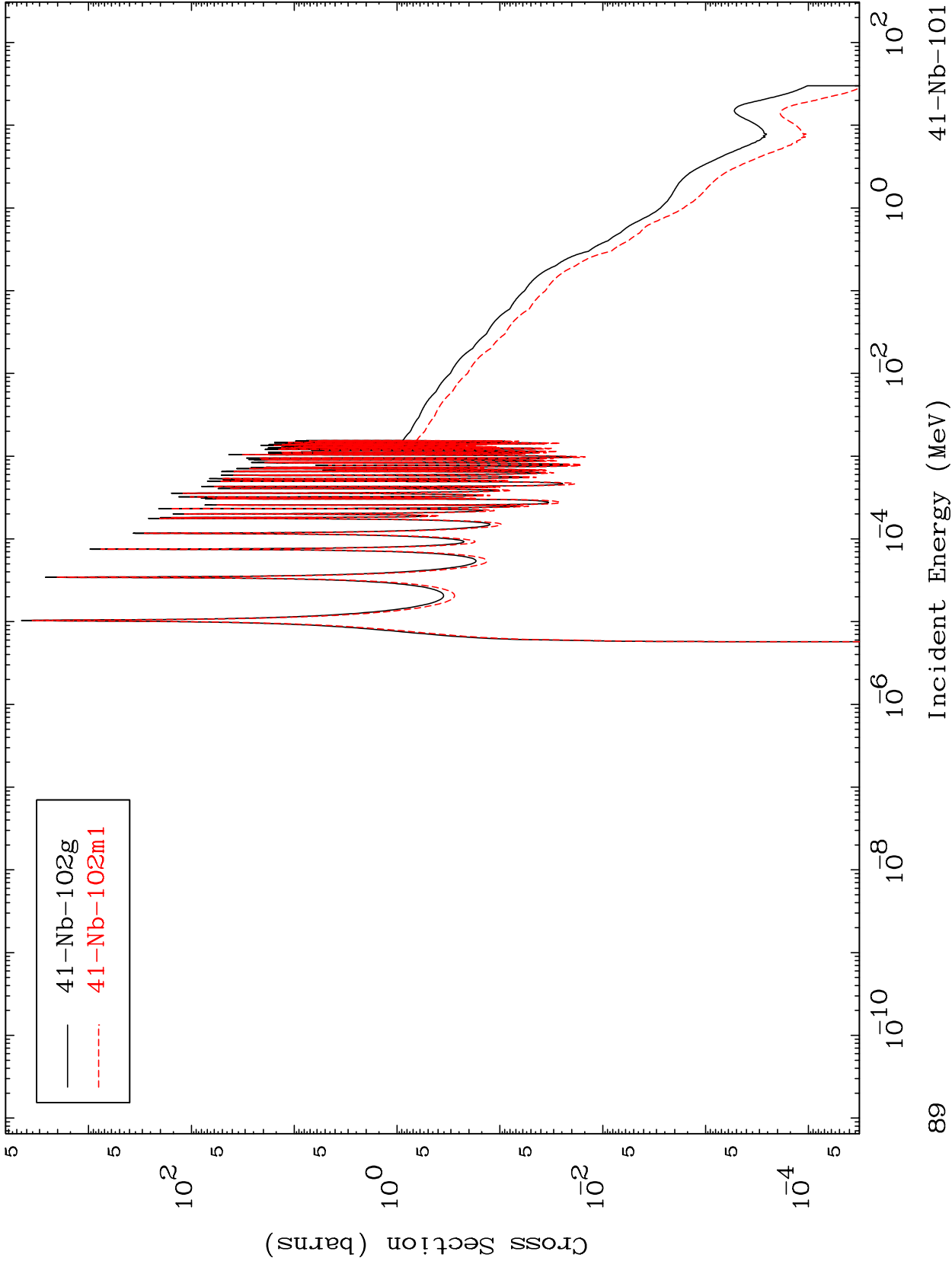


88

Incident Energy (MeV)

41-Nb-101

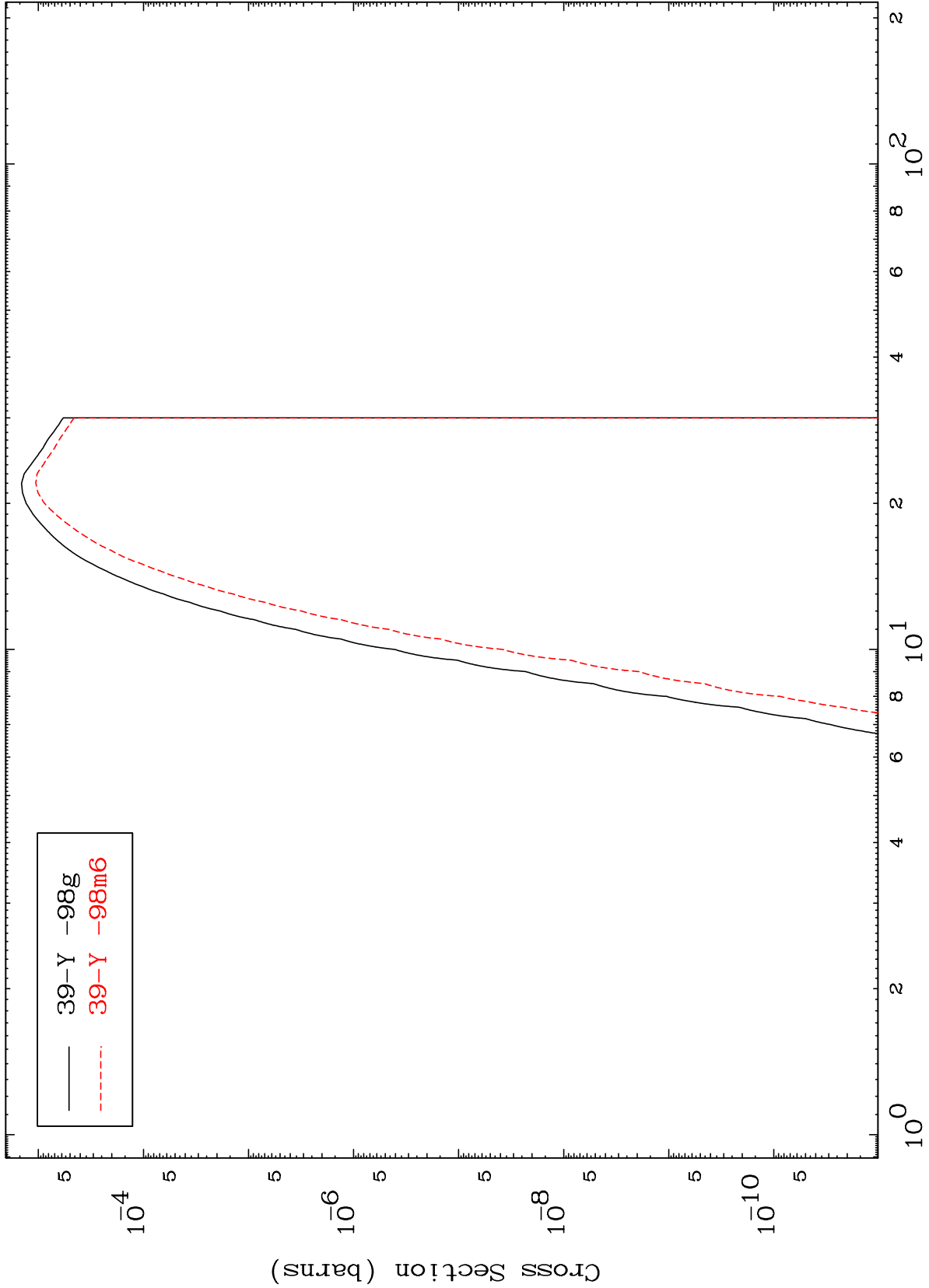
(n,γ)
Radionuclide Production Cross Section



MAT 4149

41-Nb-101

(n, α)
Radionuclide Production Cross Section



— 39-Y -98g
- - - 39-Y -98m6

90

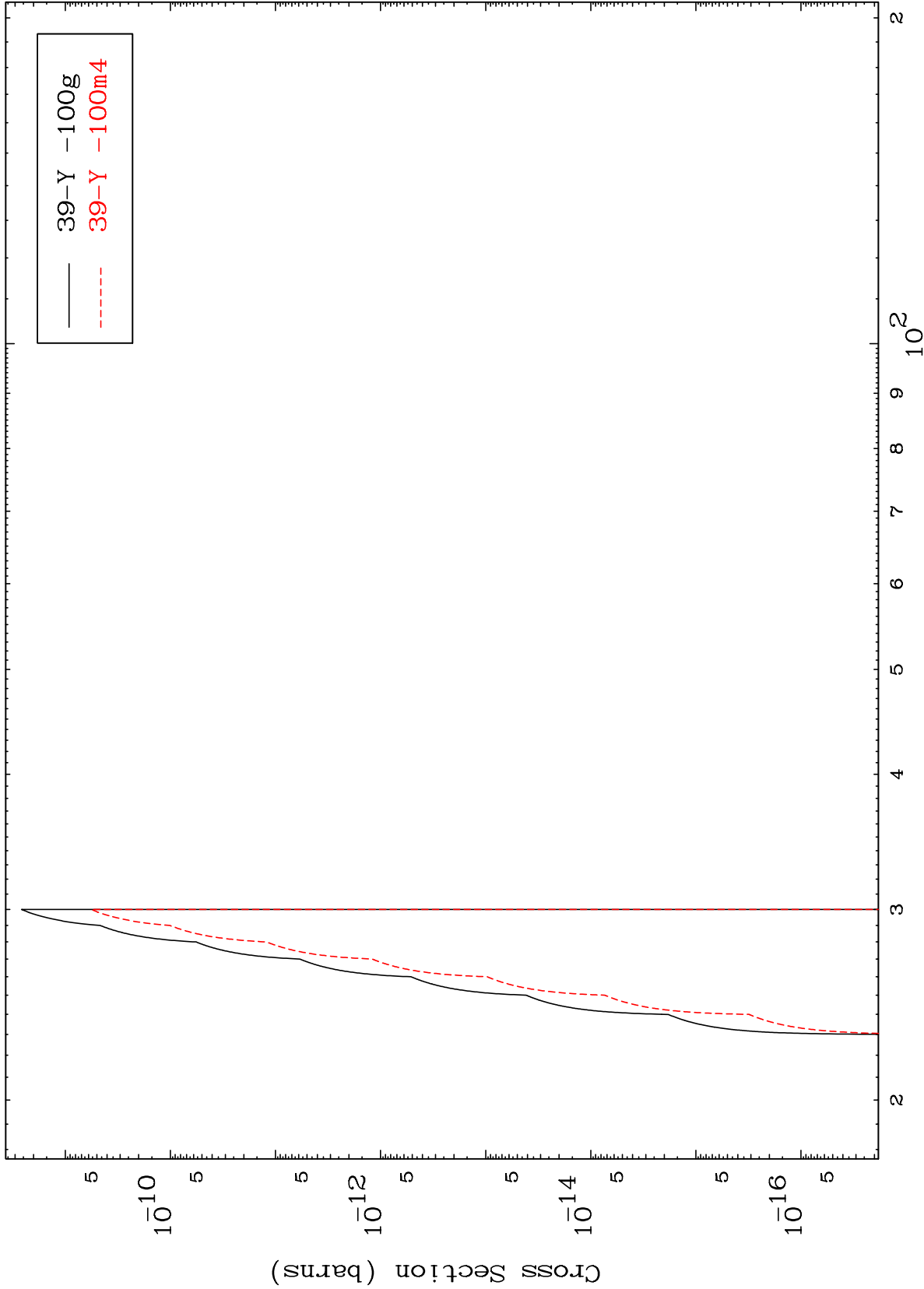
Incident Energy (MeV)

41-Nb-101

MAT 4149

41-Nb-101

(n,2p)
Radionuclide Production Cross Section



— 39-Y - 100g
- - - 39-Y - 100m4

91

41-Nb-101

Incident Energy (MeV)