

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](mailto:redcullen1@comcast.net)

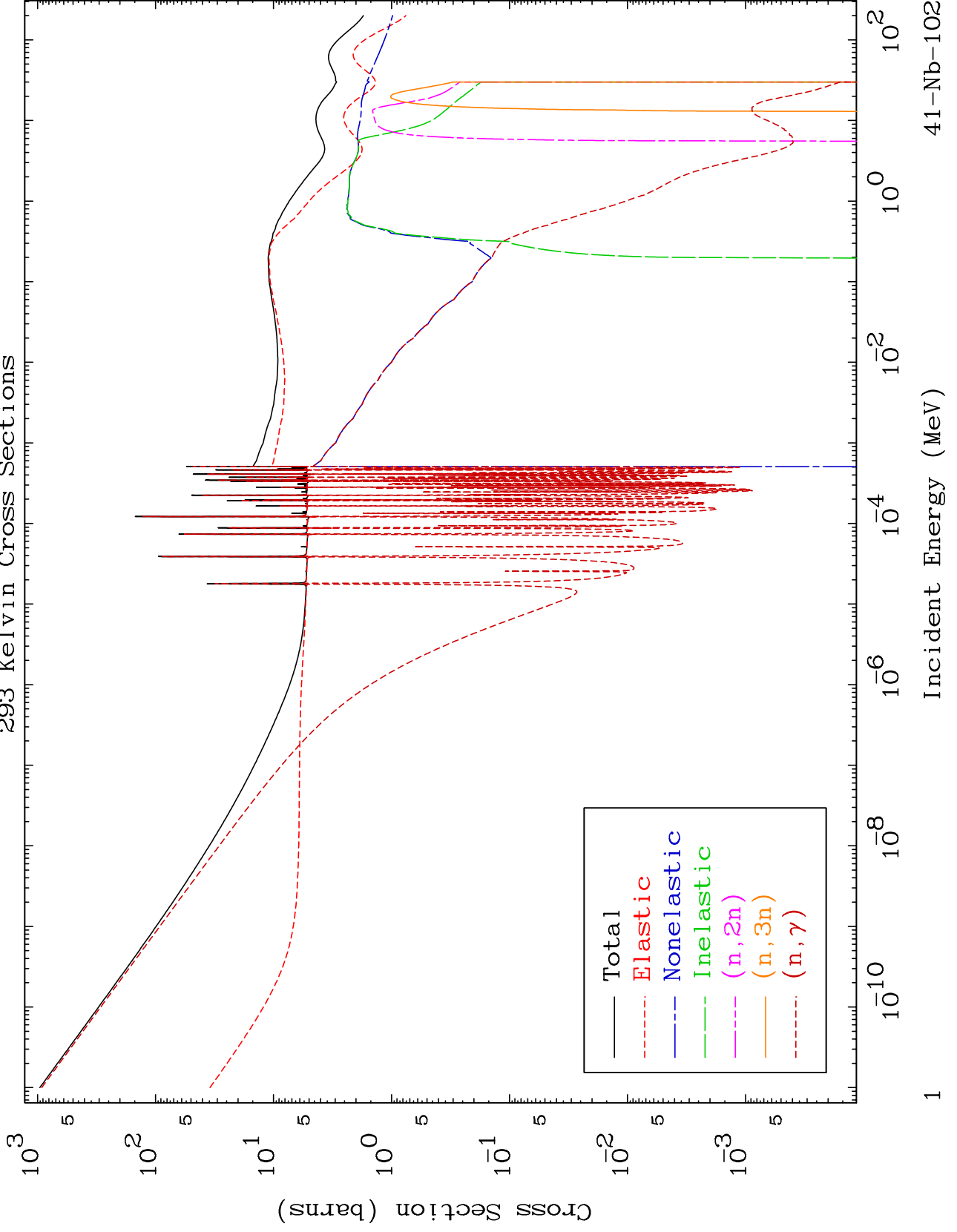
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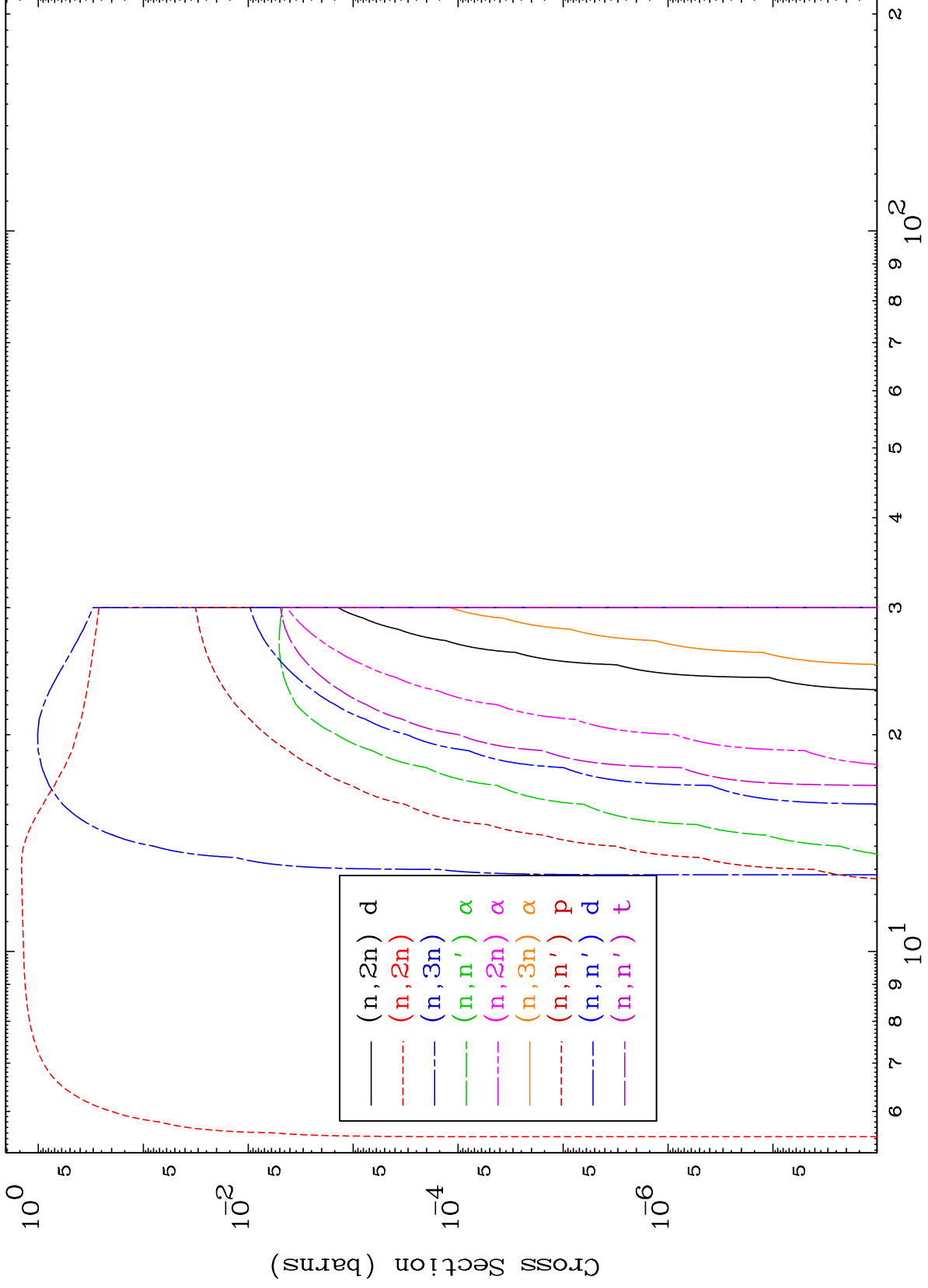
Press Mouse Button to Start

MAT 4152

Neutron Major  
293 Kelvin Cross Sections

41-Nb-102

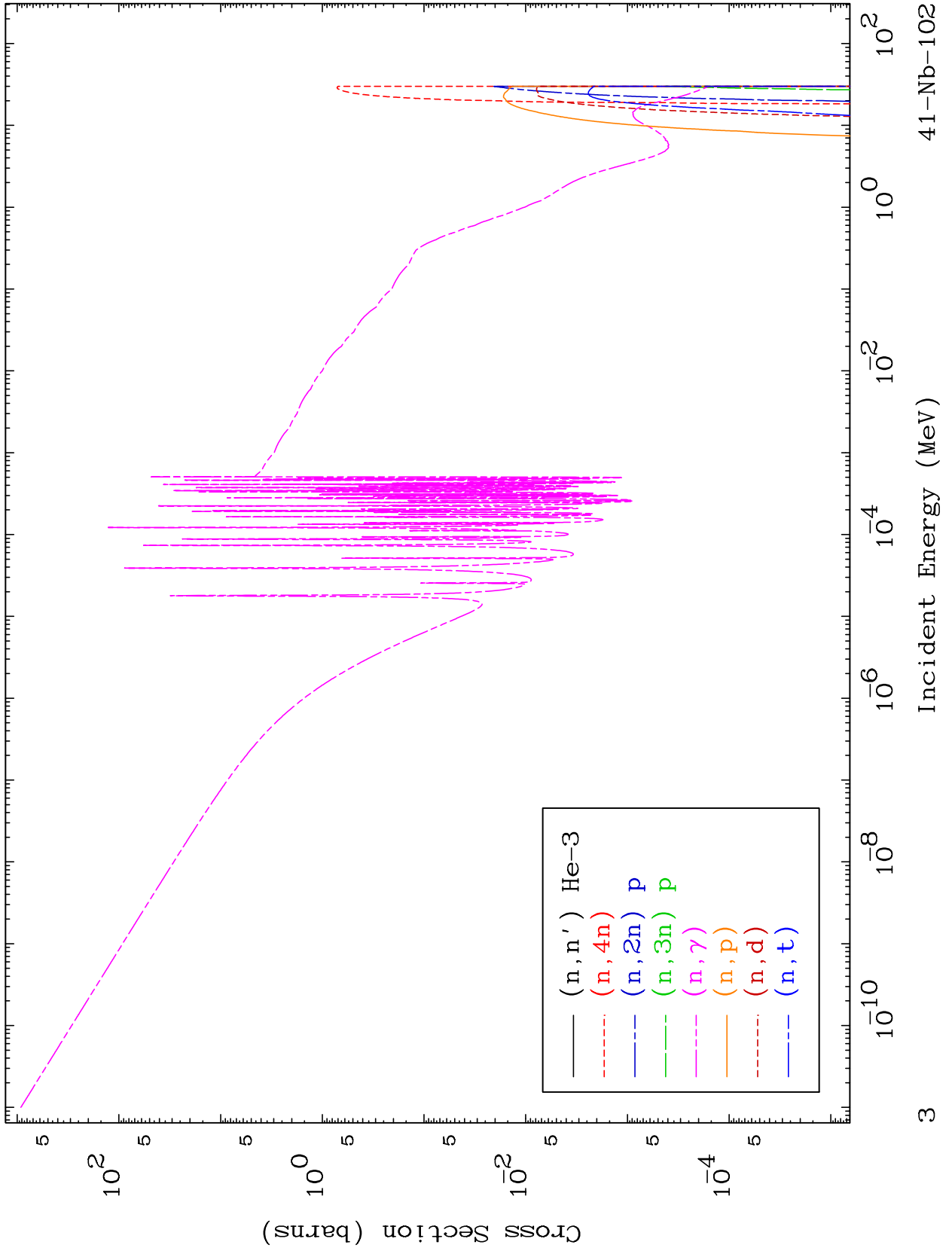




MAT 4152

Neutron Absorption  
293 Kelvin Cross Sections

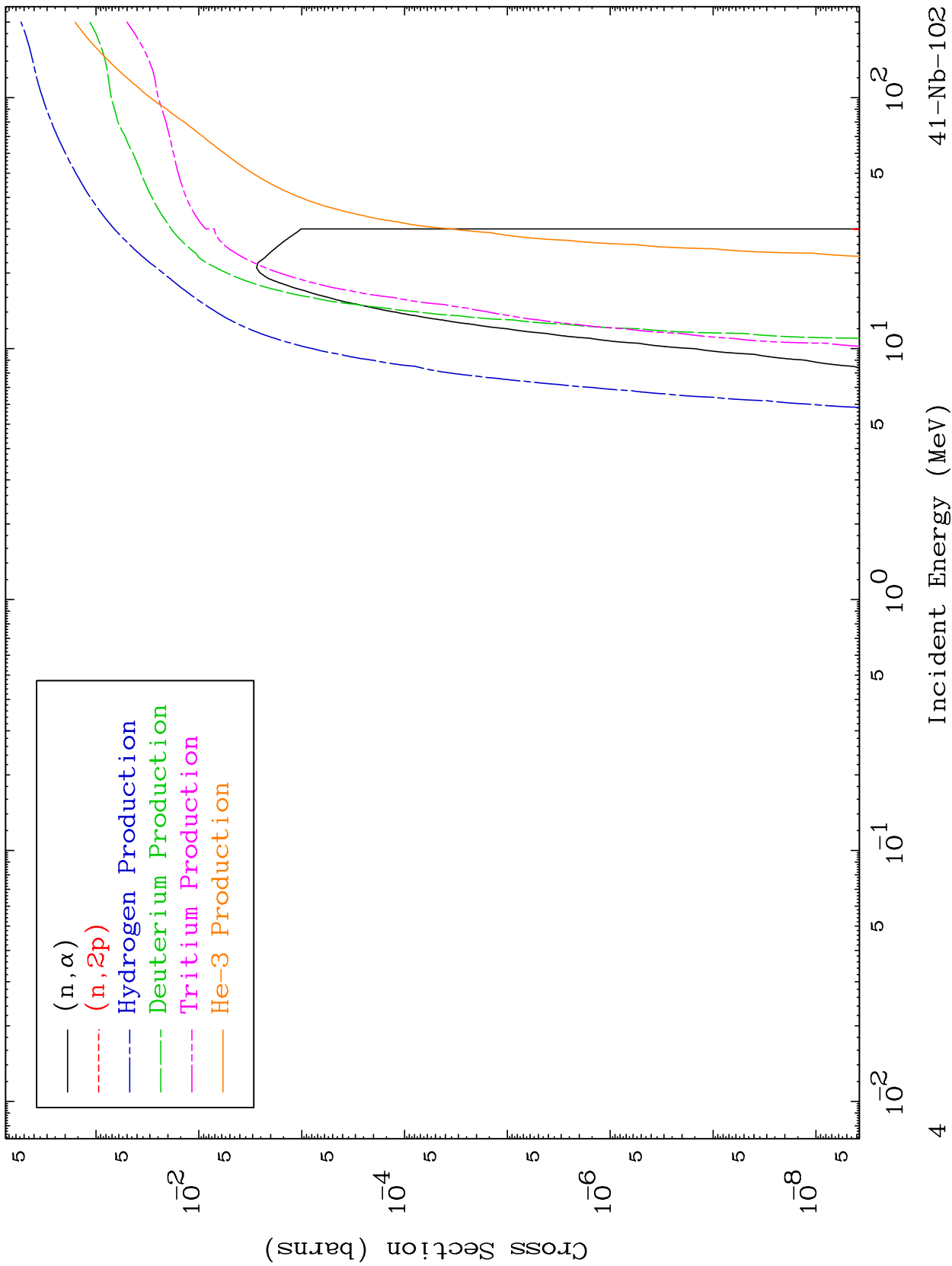
41-Nb-102



MAT 4152

Neutron Absorption  
293 Kelvin Cross Sections

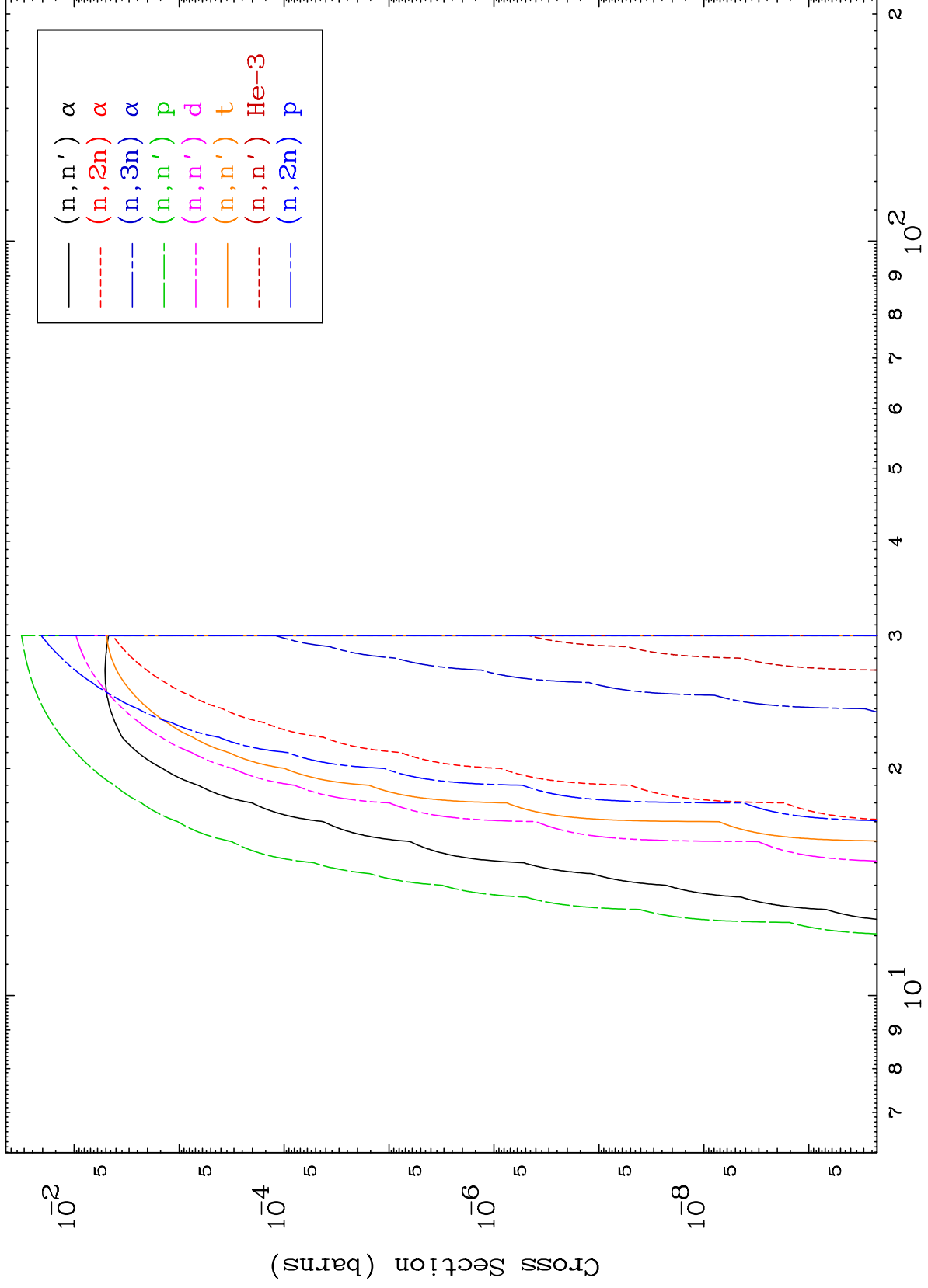
41-Nb-102



4

Incident Energy (MeV)

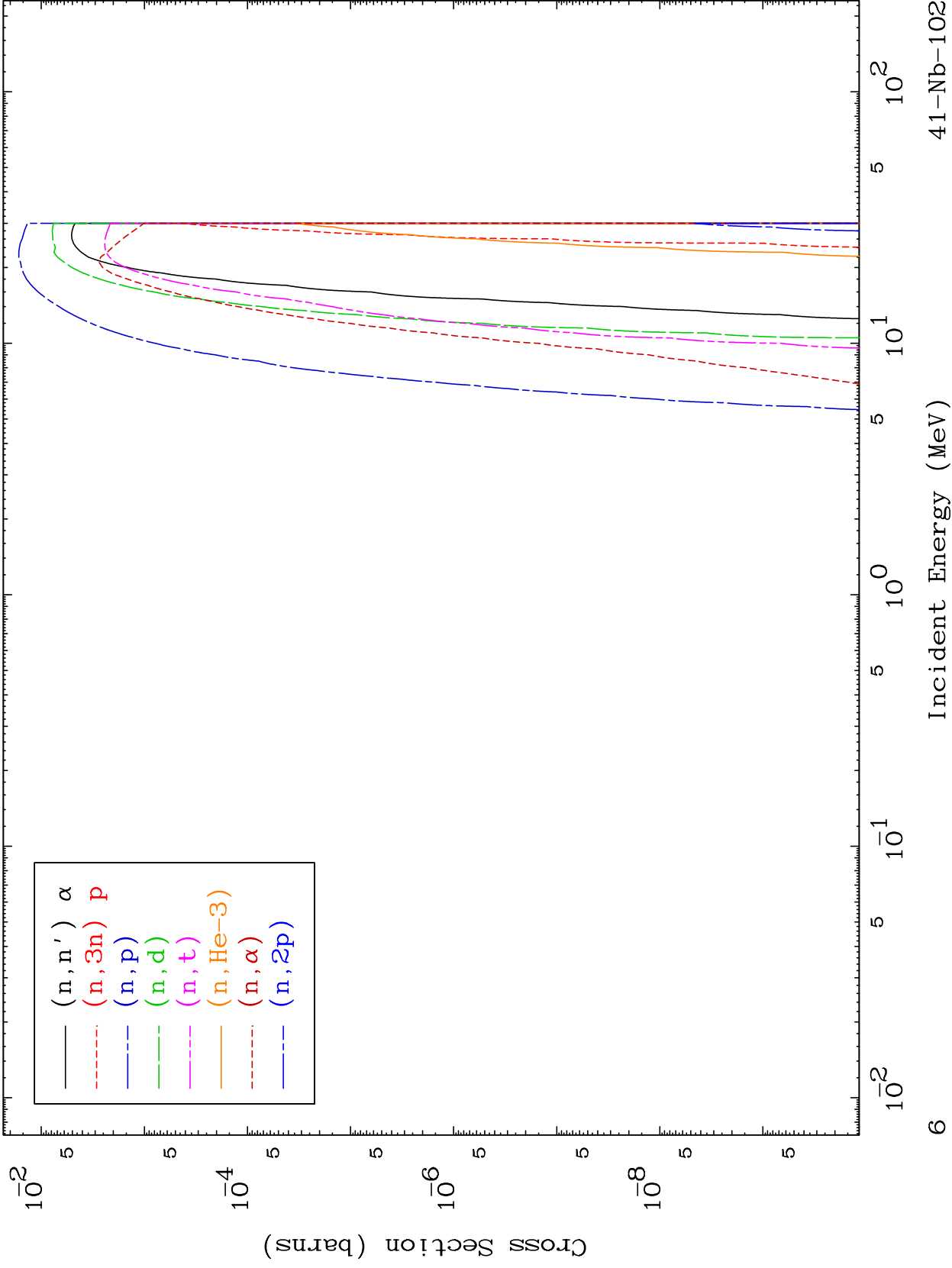
41-Nb-102



MAT 4152

Charged Particle  
293 Kelvin Cross Sections

41-Nb-102



41-Nb-102

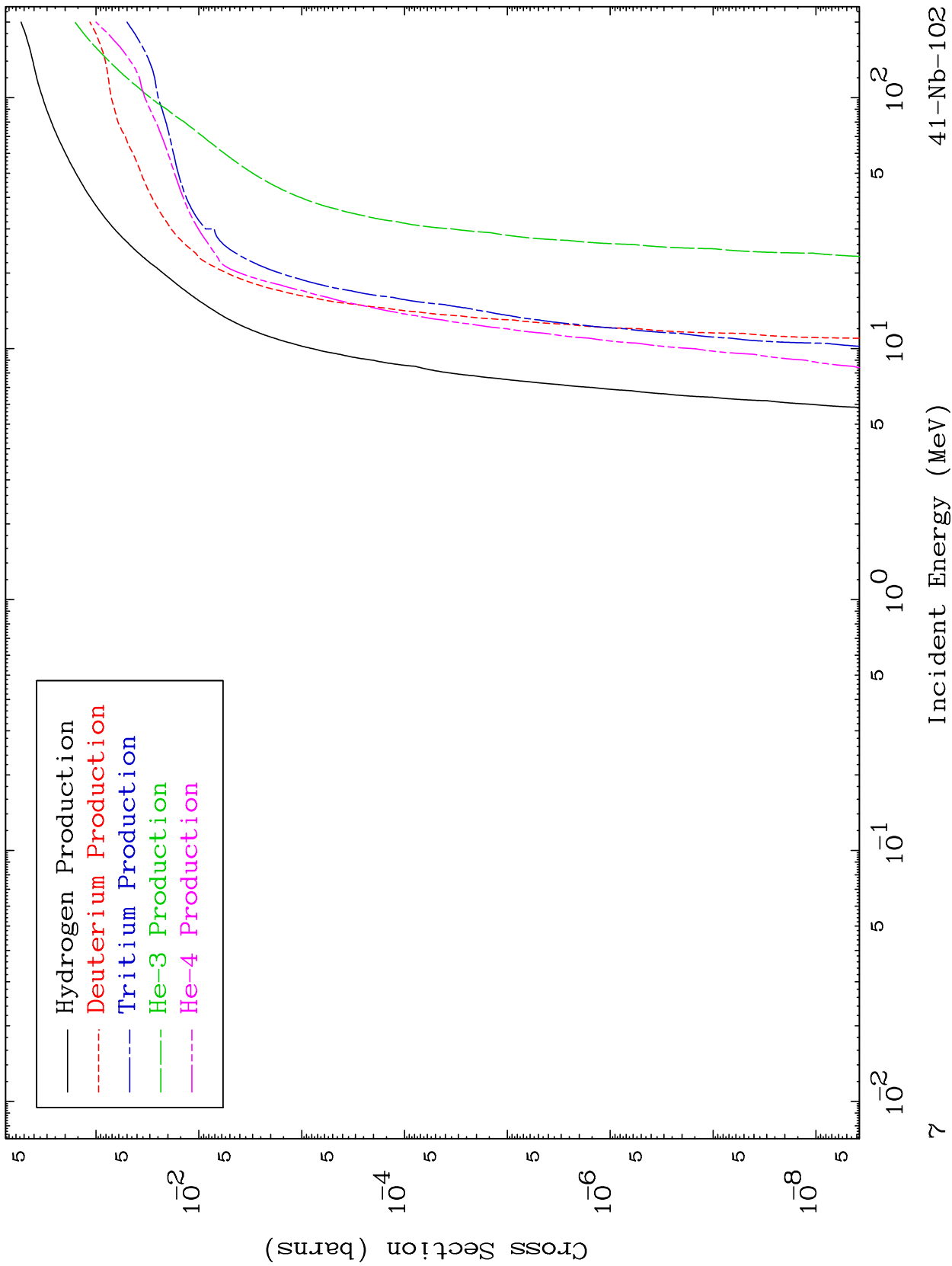
Incident Energy (MeV)

6

MAT 4152

Particle Production  
293 Kelvin Cross Sections

41-Nb-102



41-Nb-102

Incident Energy (MeV)

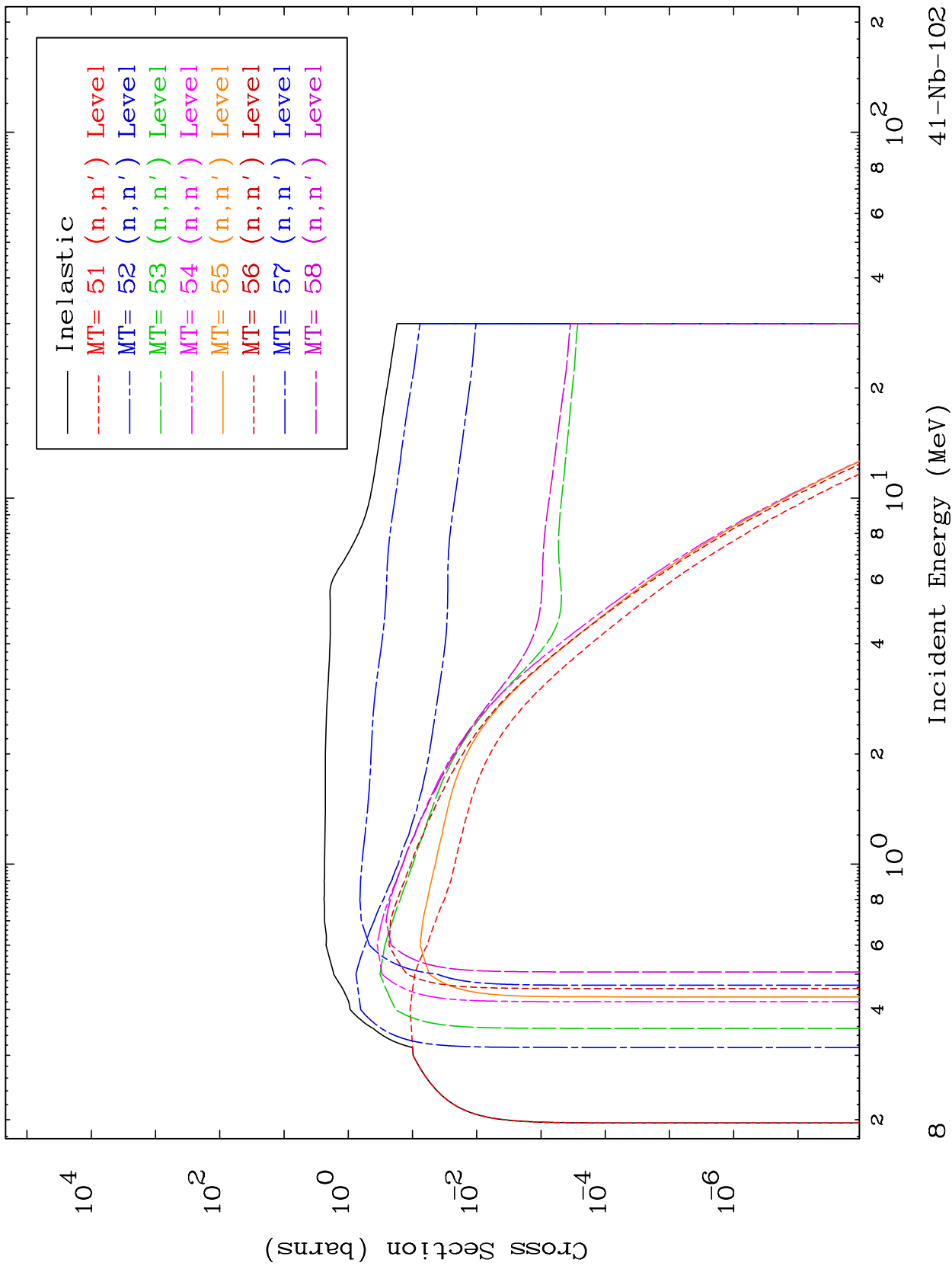
7



MAT 4152

(n,n') Levels  
293 Kelvin Cross Sections

41-Nb-102



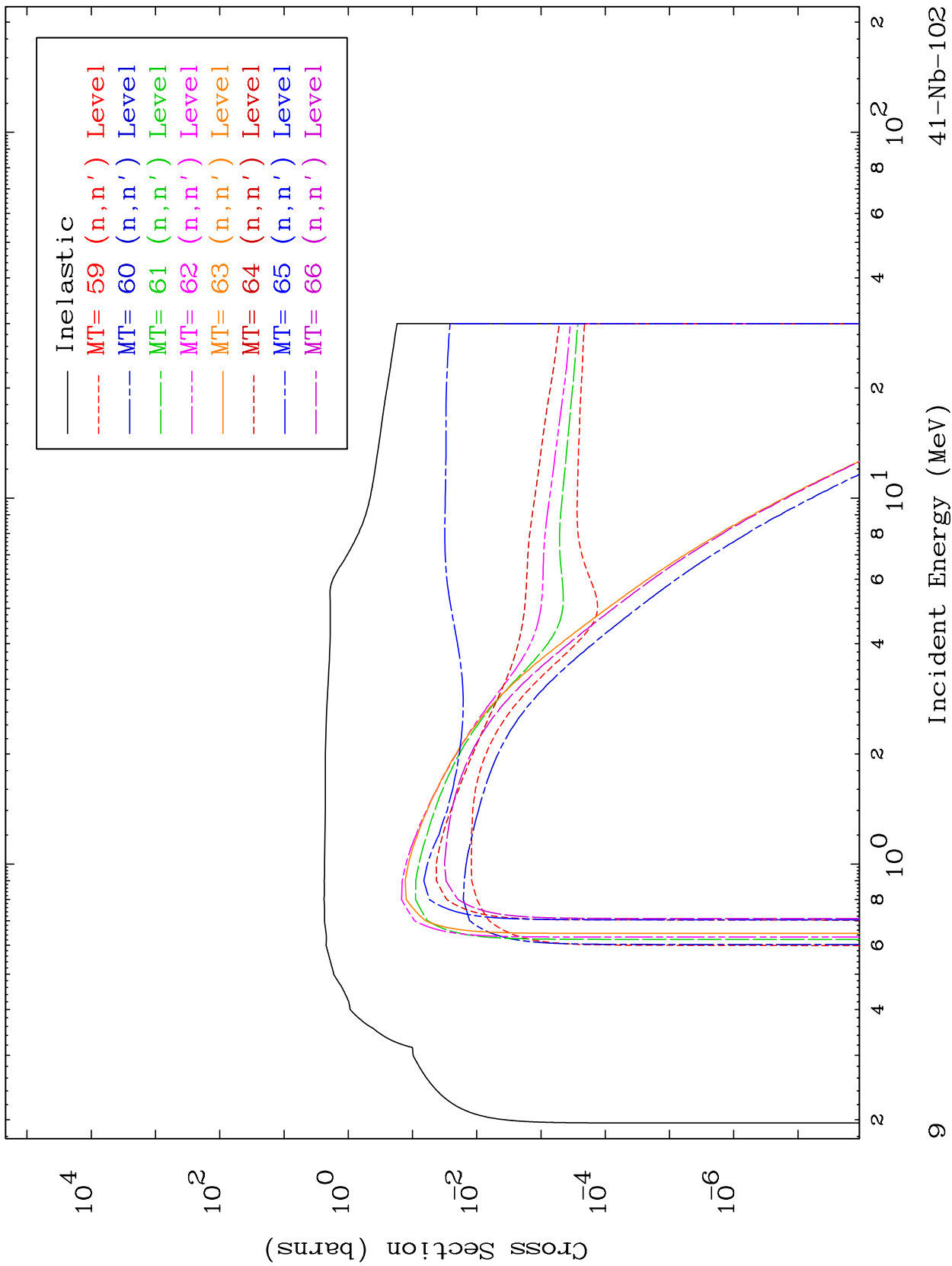
8

41-Nb-102

MAT 4152

(n,n') Levels  
293 Kelvin Cross Sections

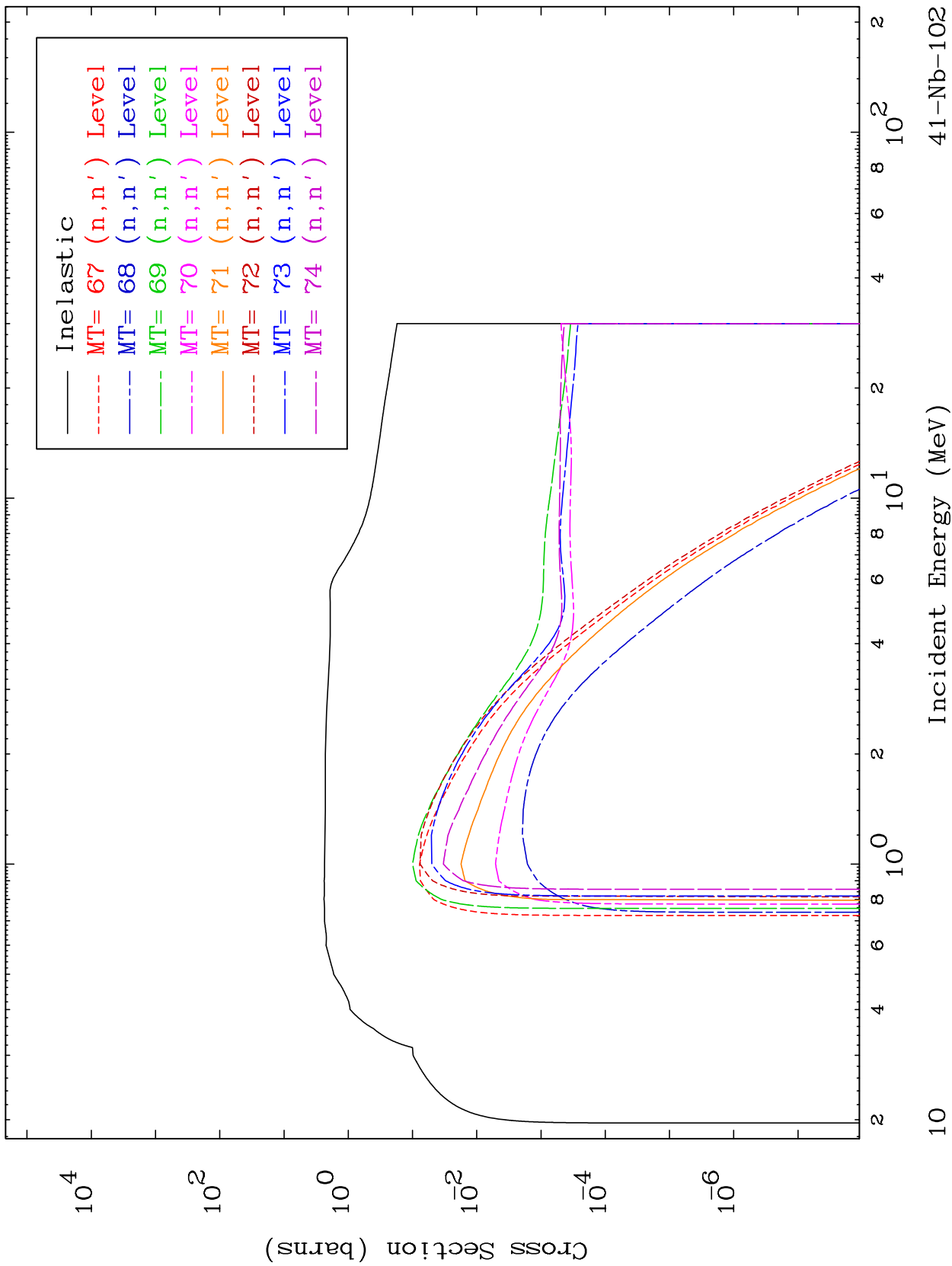
41-Nb-102



MAT 4152

(n,n') Levels  
293 Kelvin Cross Sections

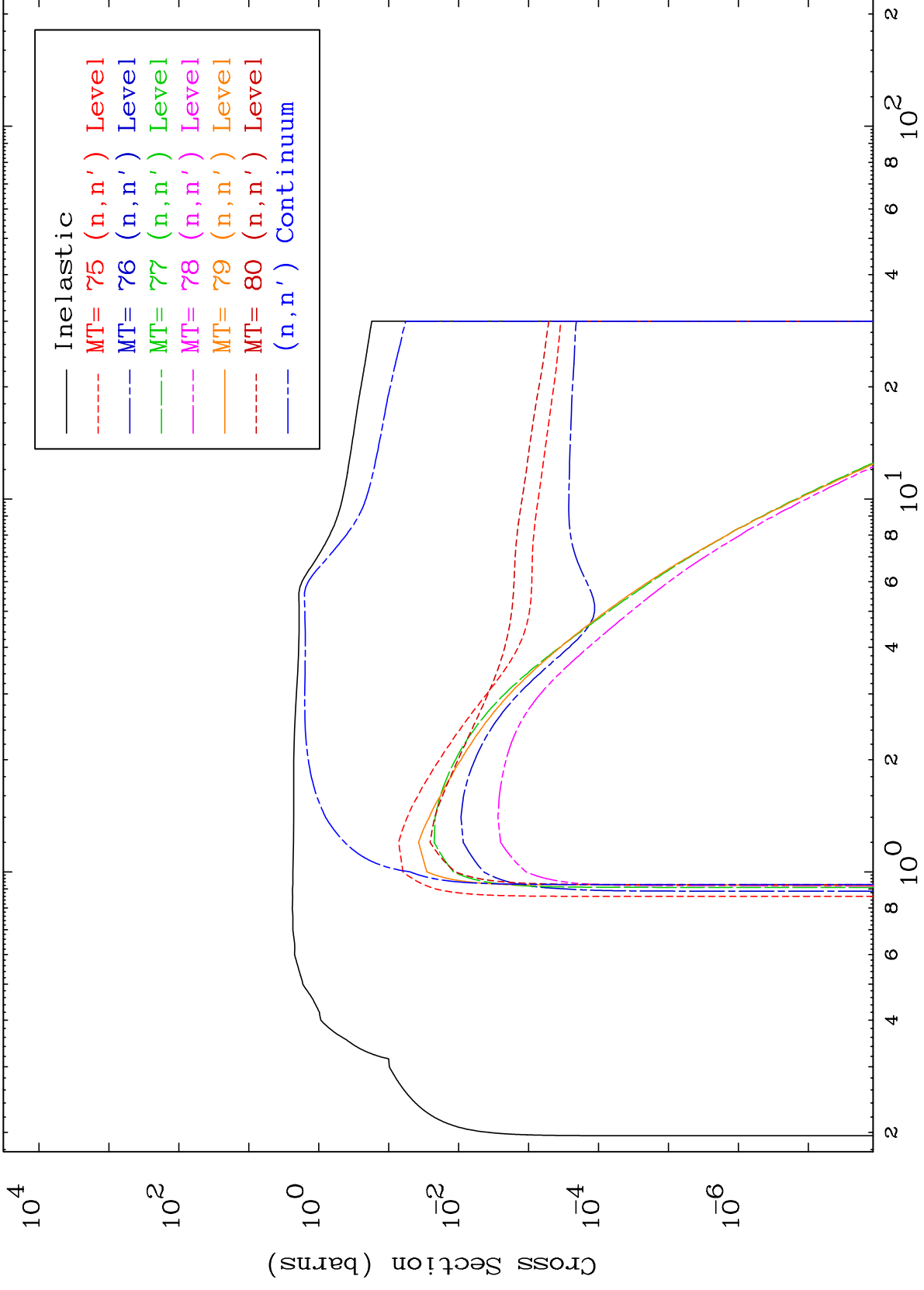
41-Nb-102



10

Incident Energy (MeV)

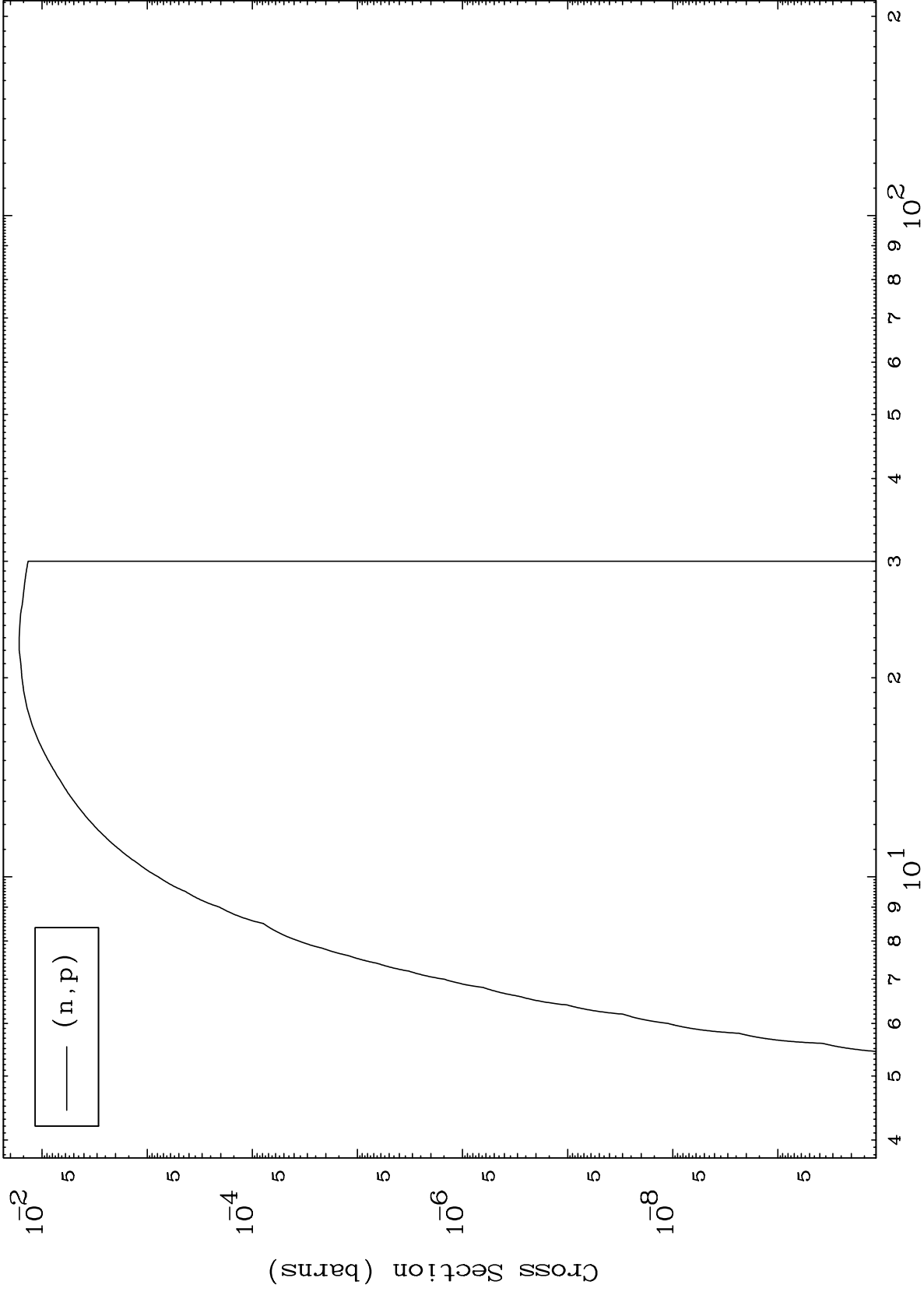
41-Nb-102



MAT 4152

(n,p) Levels  
293 Kelvin Cross Sections

41-Nb-102



12

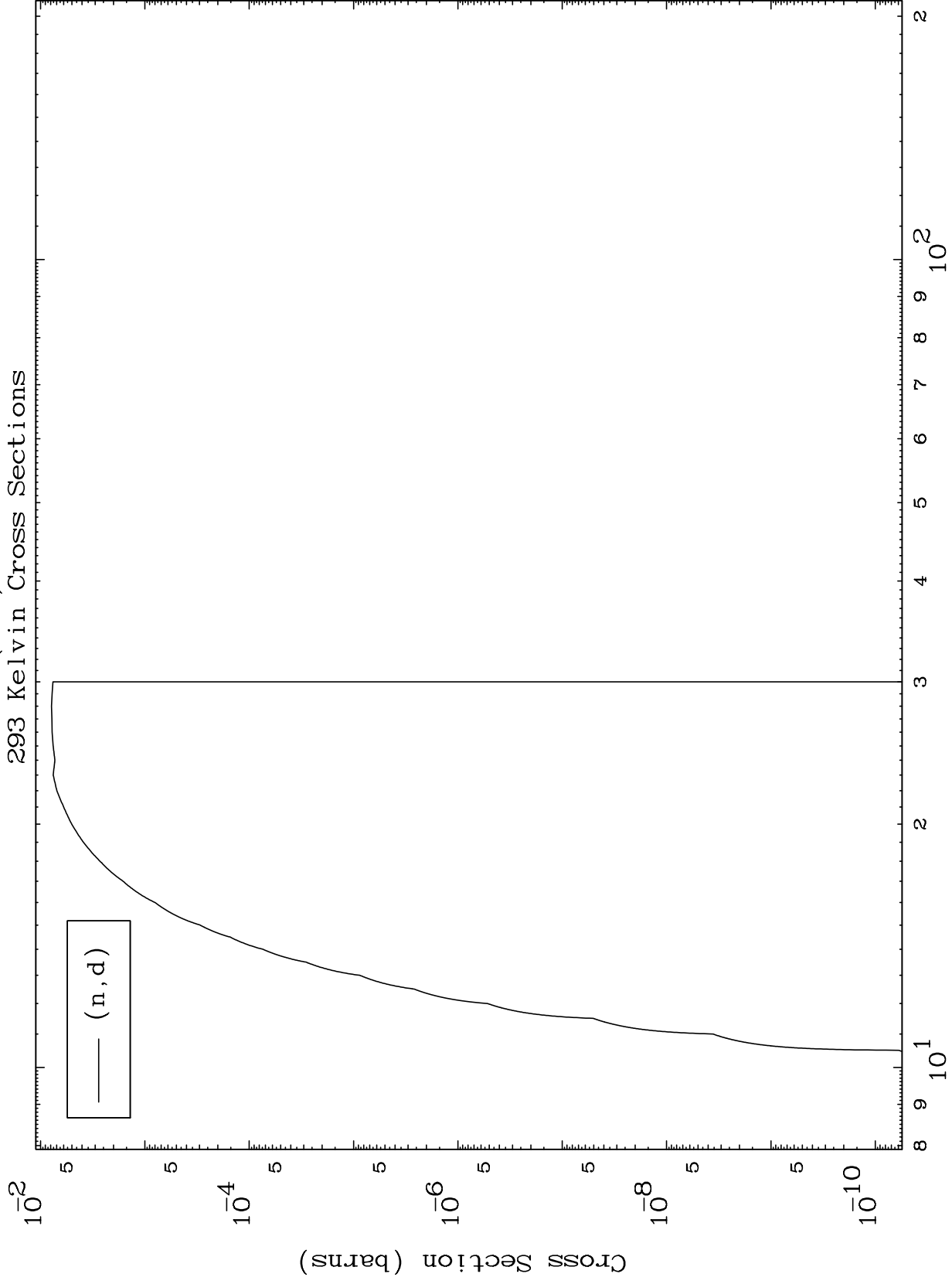
Incident Energy (MeV)

41-Nb-102

MAT 4152

(n,d) Levels  
293 Kelvin Cross Sections

41-Nb-102



13

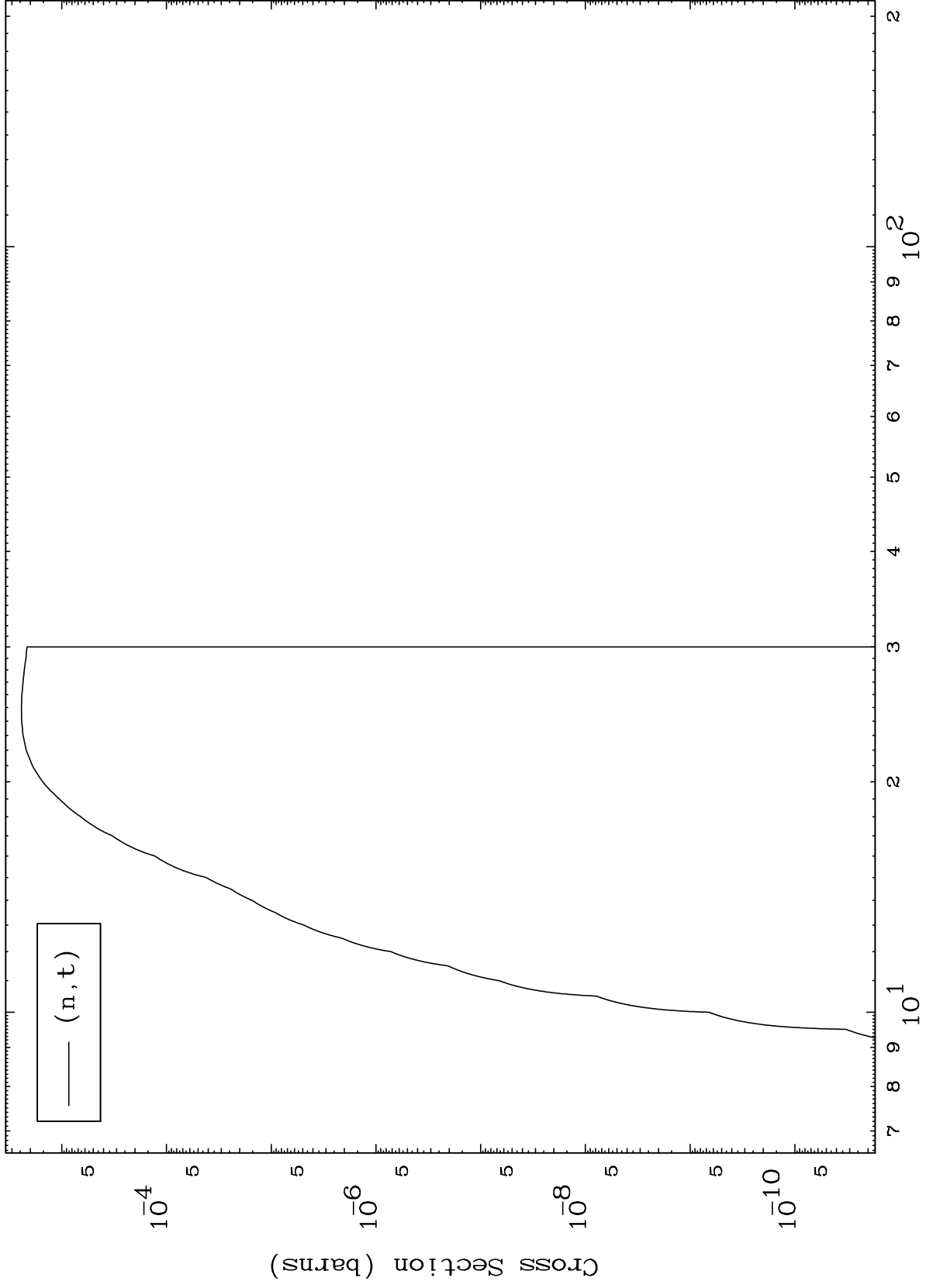
Incident Energy (MeV)

41-Nb-102

MAT 4152

(n,t) Levels  
293 Kelvin Cross Sections

41-Nb-102



14

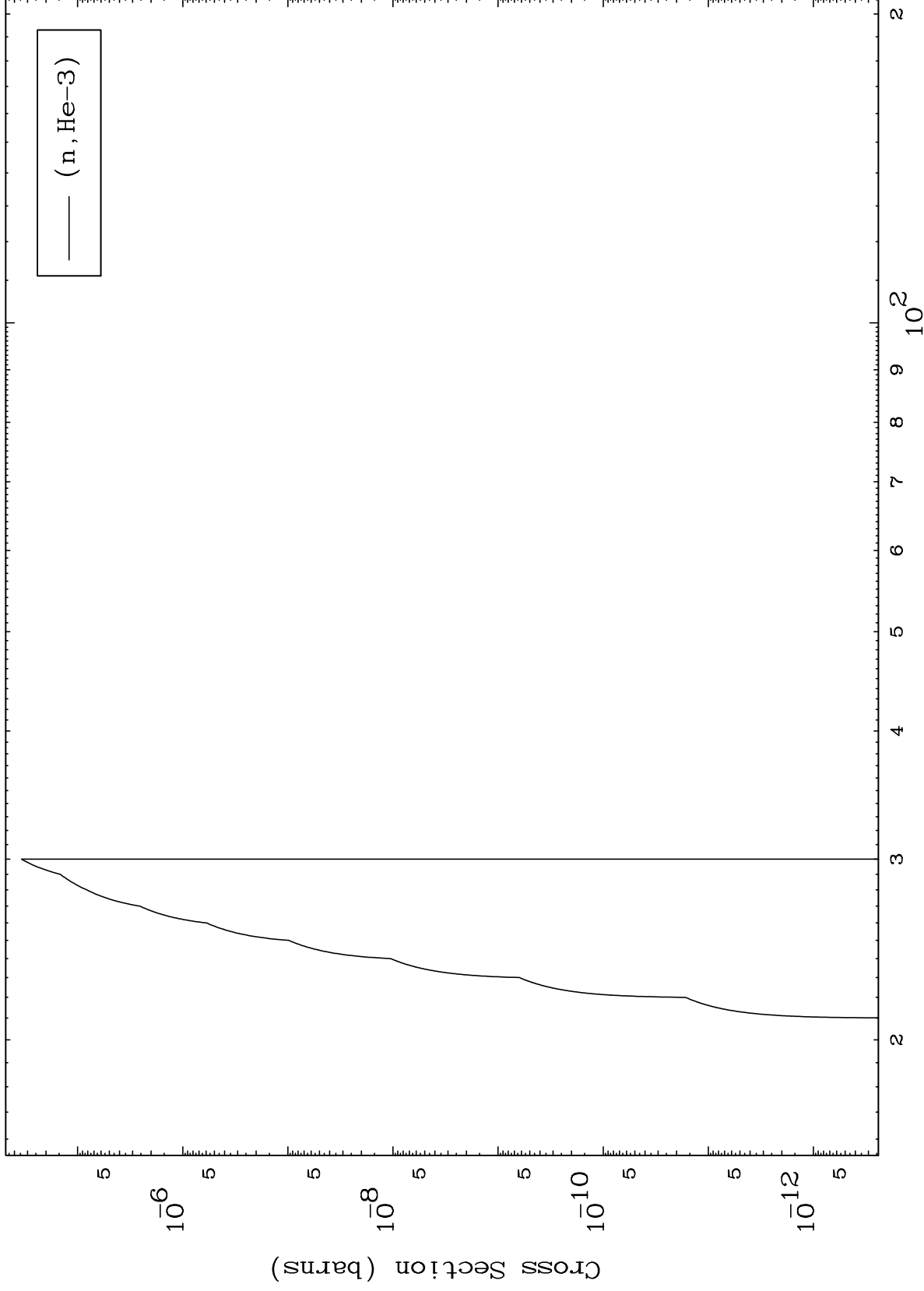
Incident Energy (MeV)

41-Nb-102

MAT 4152

(n,He3) Levels  
293 Kelvin Cross Sections

41-Nb-102



15

Incident Energy (MeV)

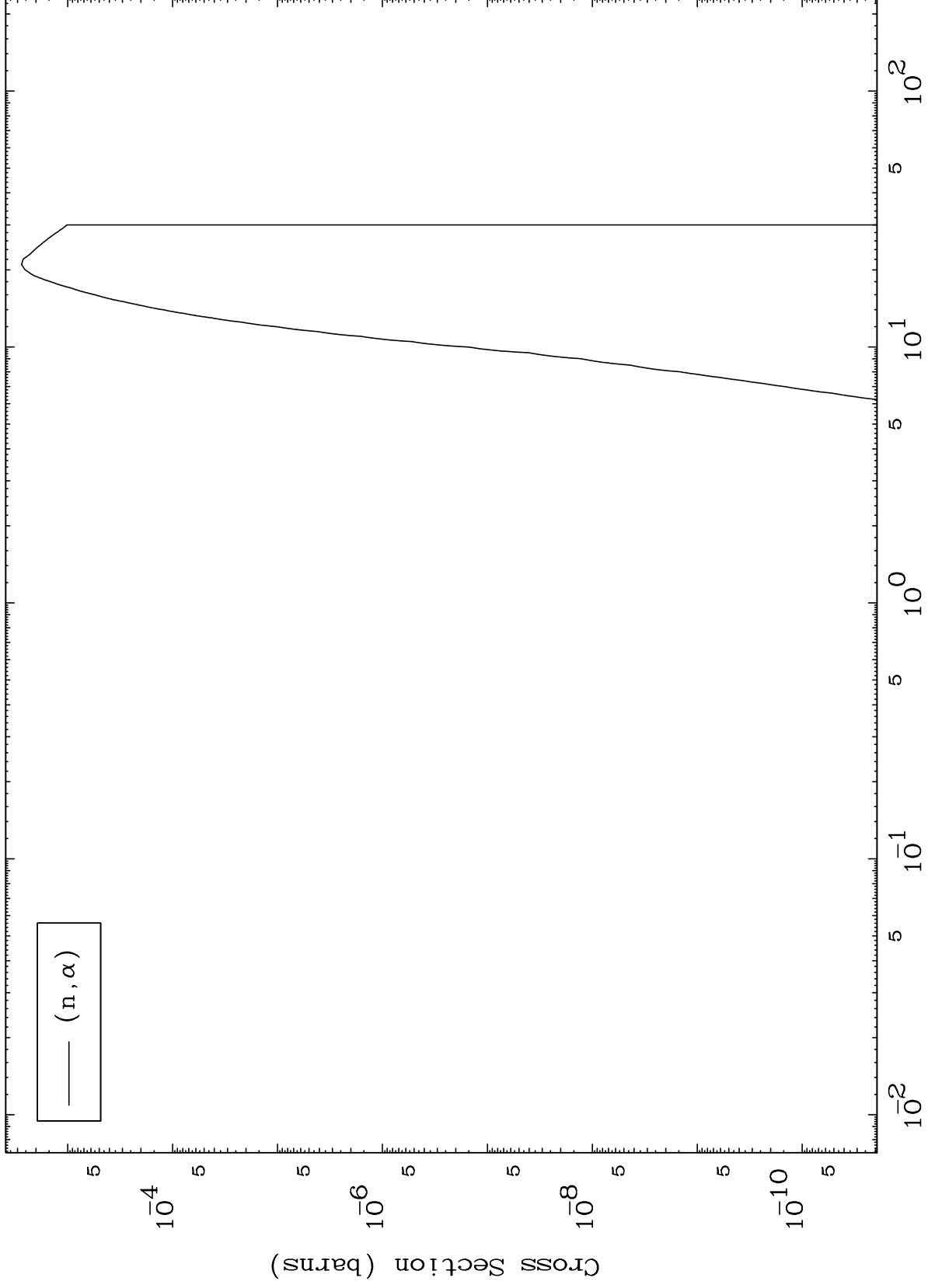
41-Nb-102



MAT 4152

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

41-Nb-102



16

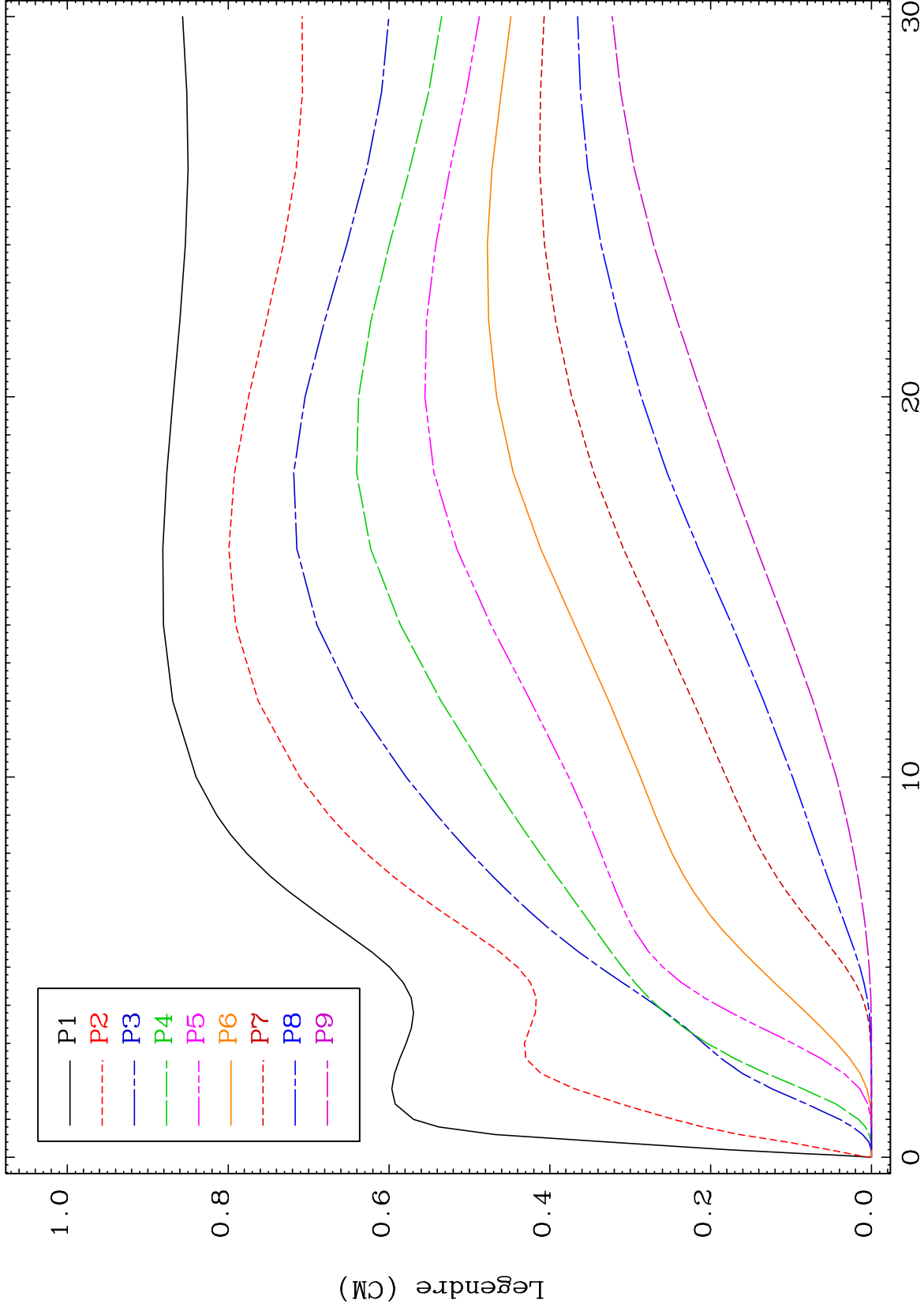
Incident Energy (MeV)

41-Nb-102

MAT 4152

Elastic Legendre Coefficients

41-Nb-102



17

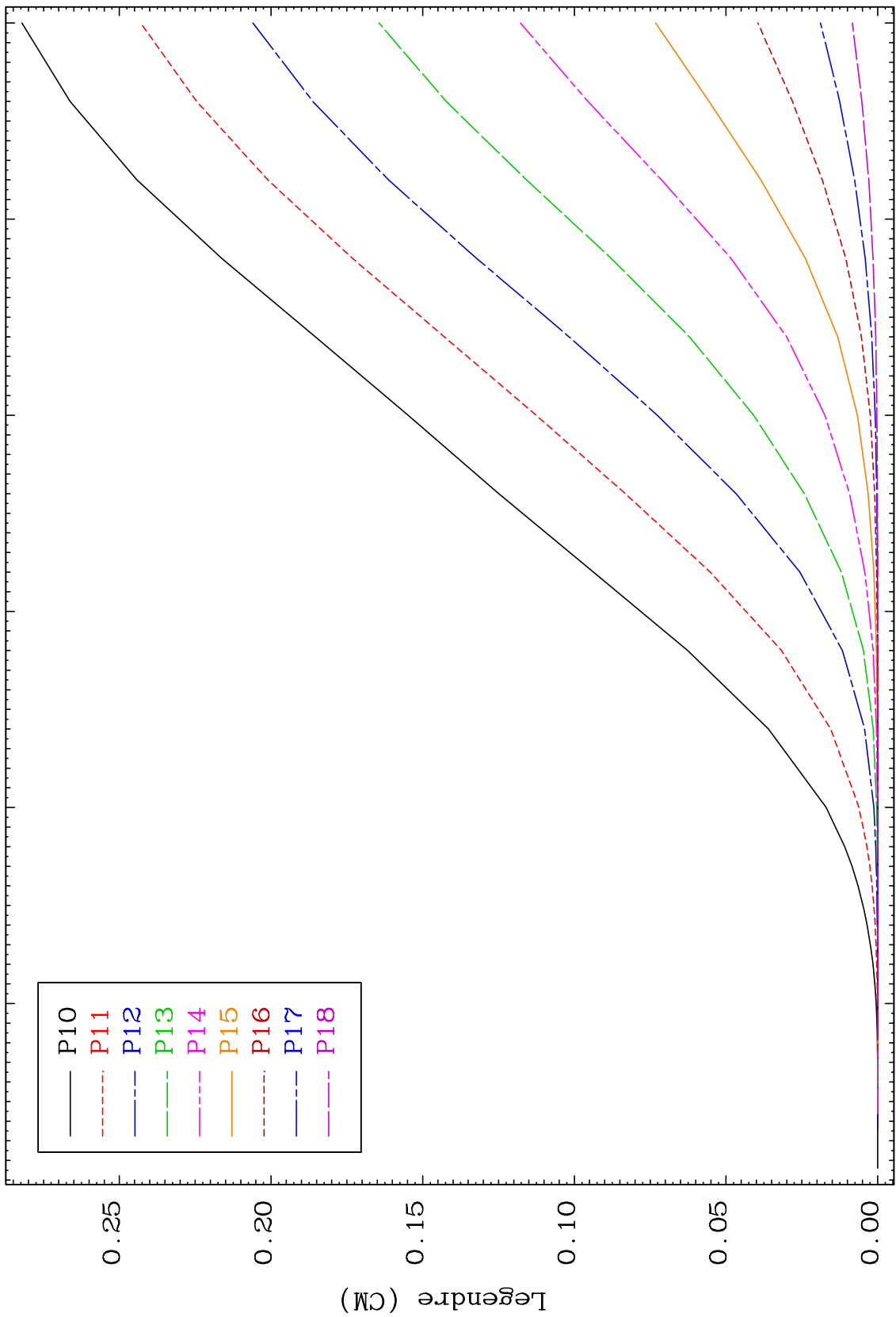
Incident Energy (MeV)

41-Nb-102

MAT 4152

Elastic Legendre Coefficients

41-Nb-102



18

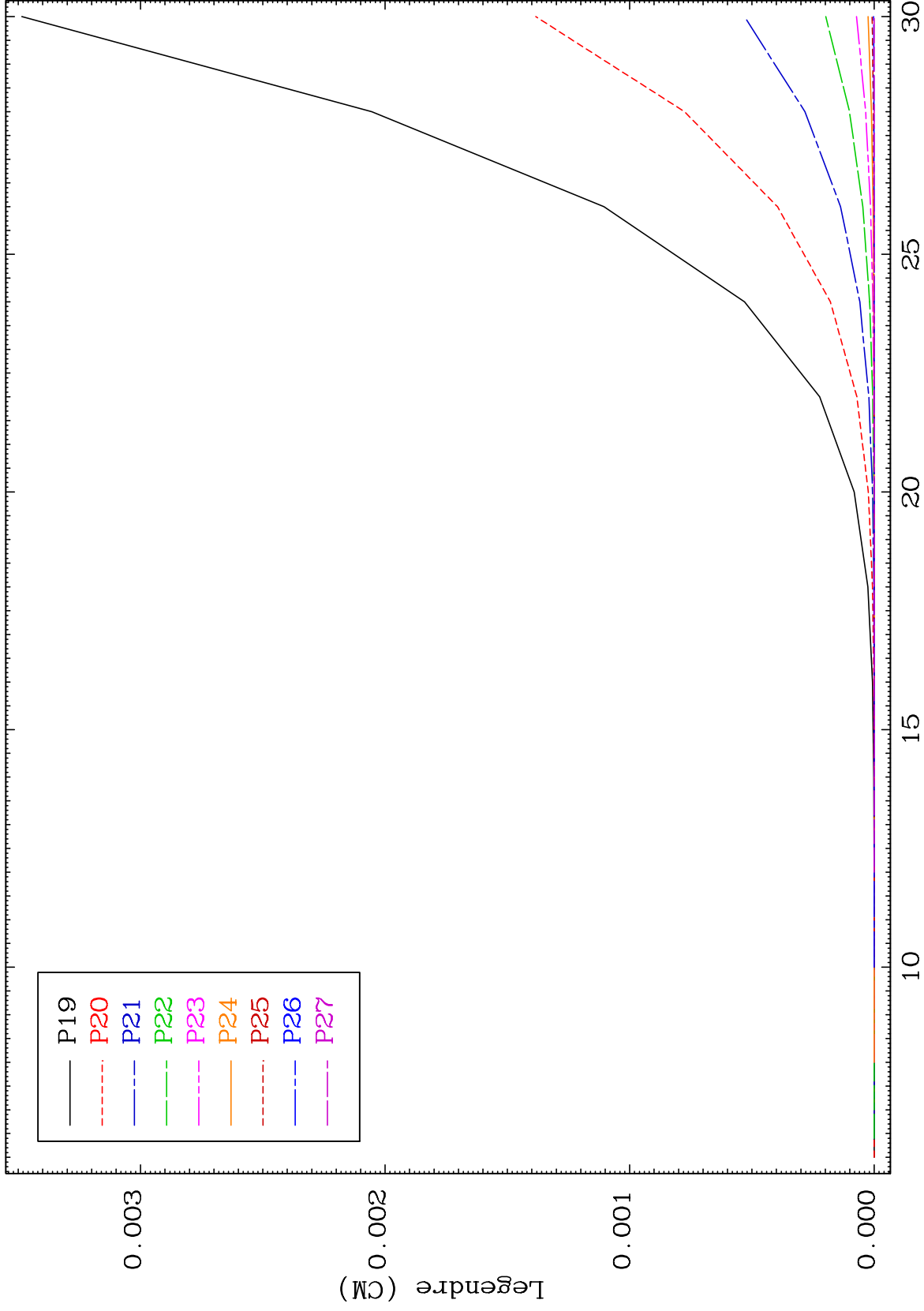
Incident Energy (MeV)

41-Nb-102

MAT 4152

### Elastic Legendre Coefficients

41-Nb-102



19

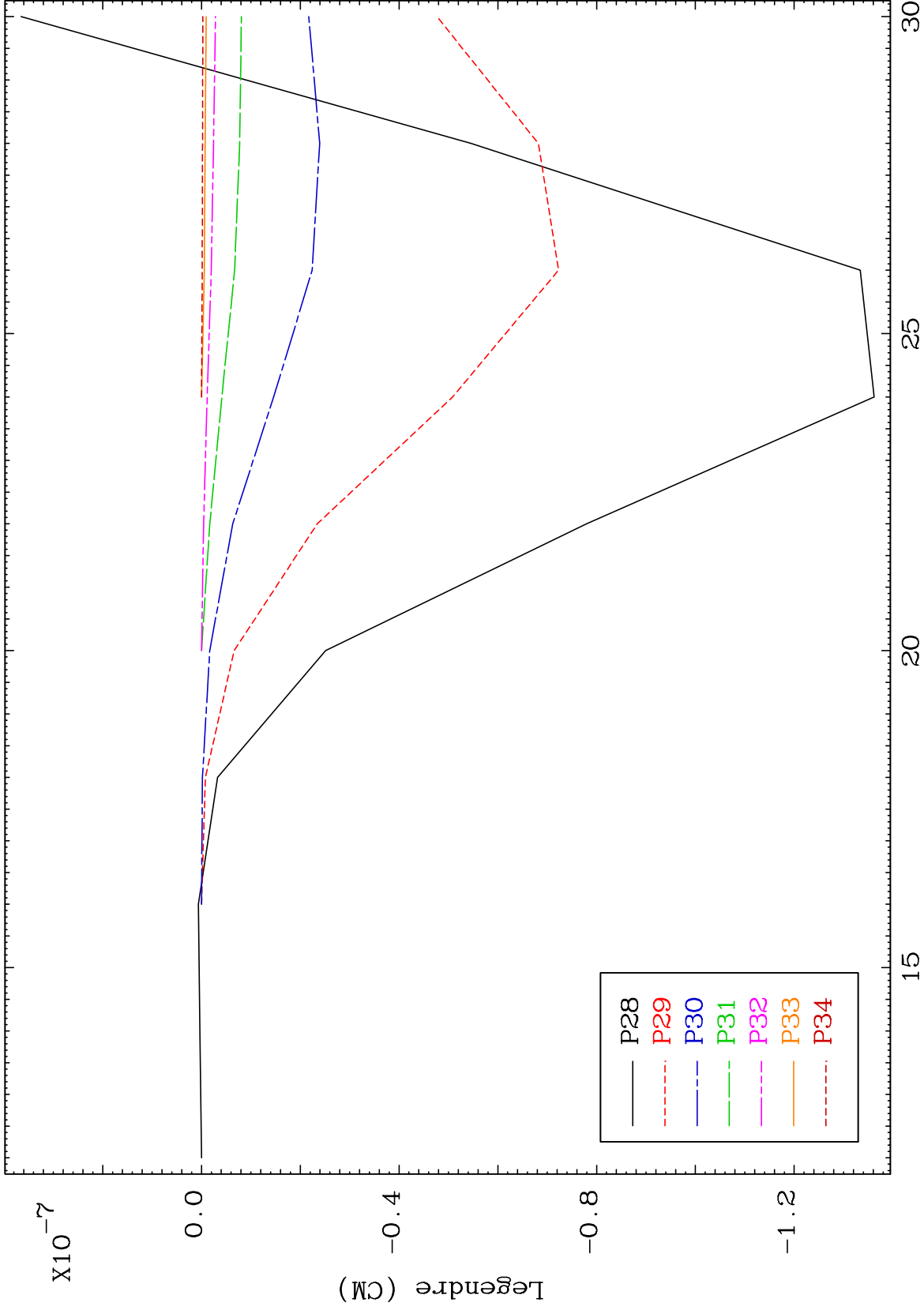
Incident Energy (MeV)

41-Nb-102

MAT 4152

Elastic Legendre Coefficients

41-Nb-102



20

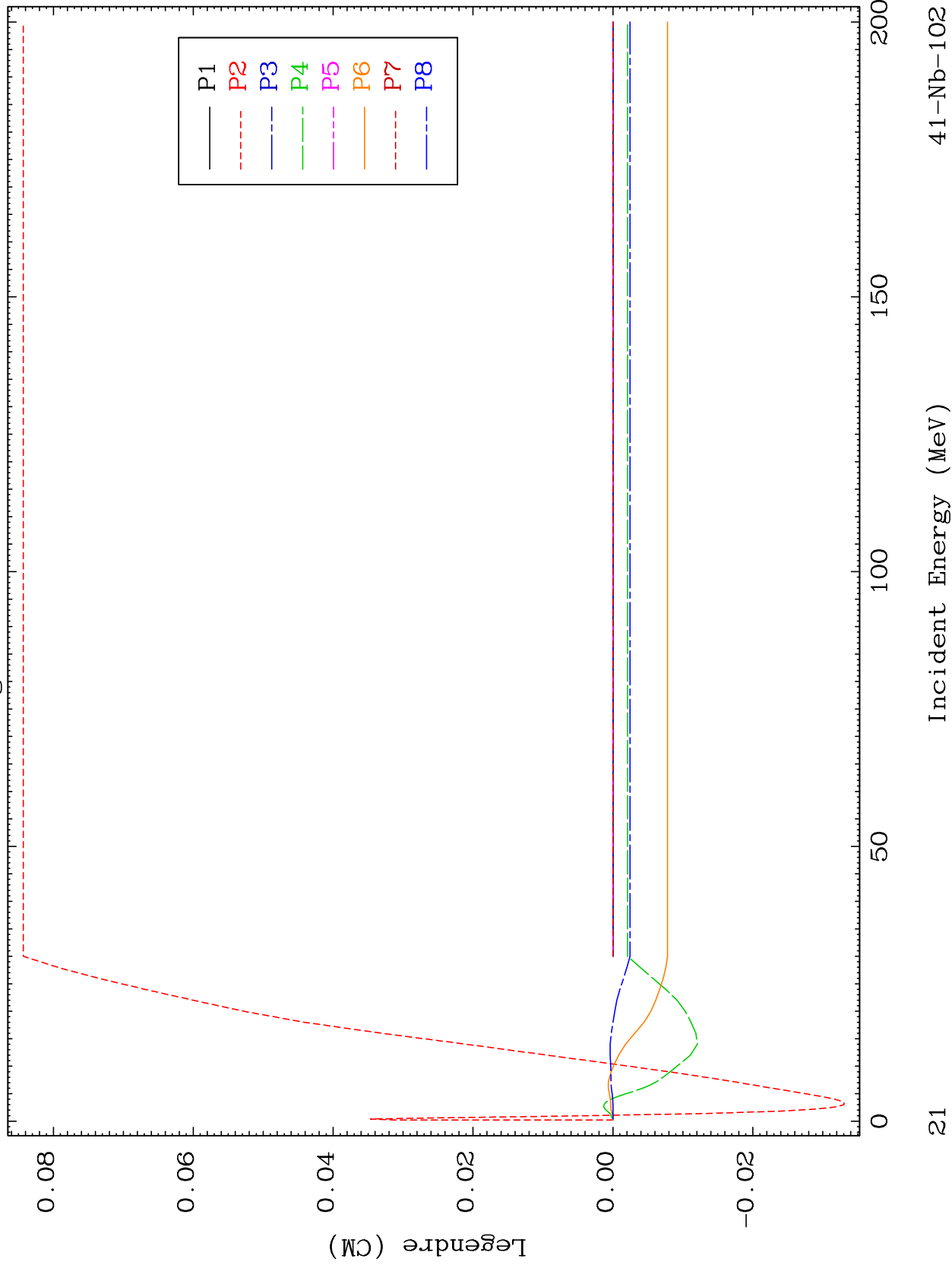
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102



41-Nb-102

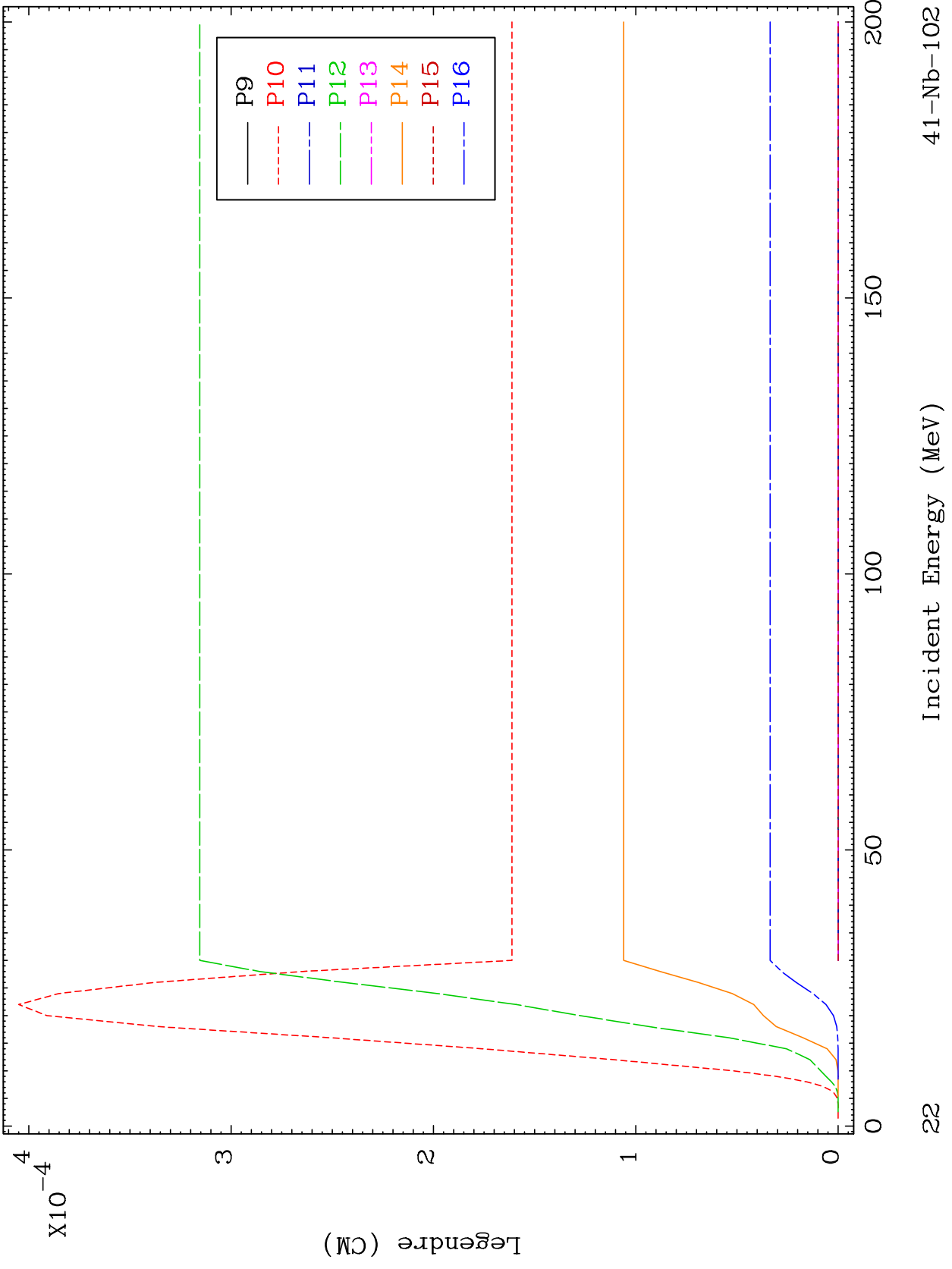
Incident Energy (MeV)

21

MAT 4152

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

41-Nb-102



22

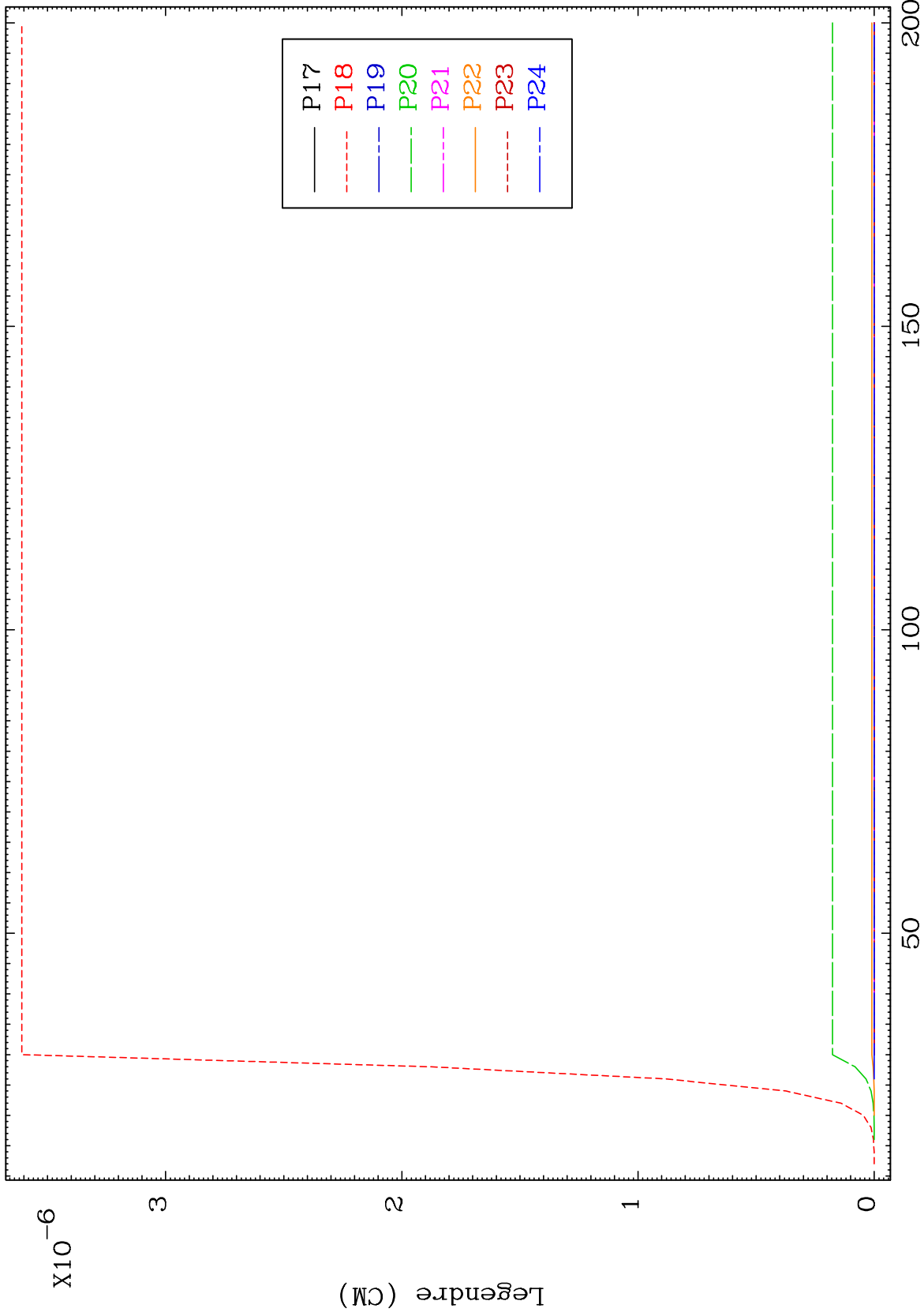
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102



23

Incident Energy (MeV)

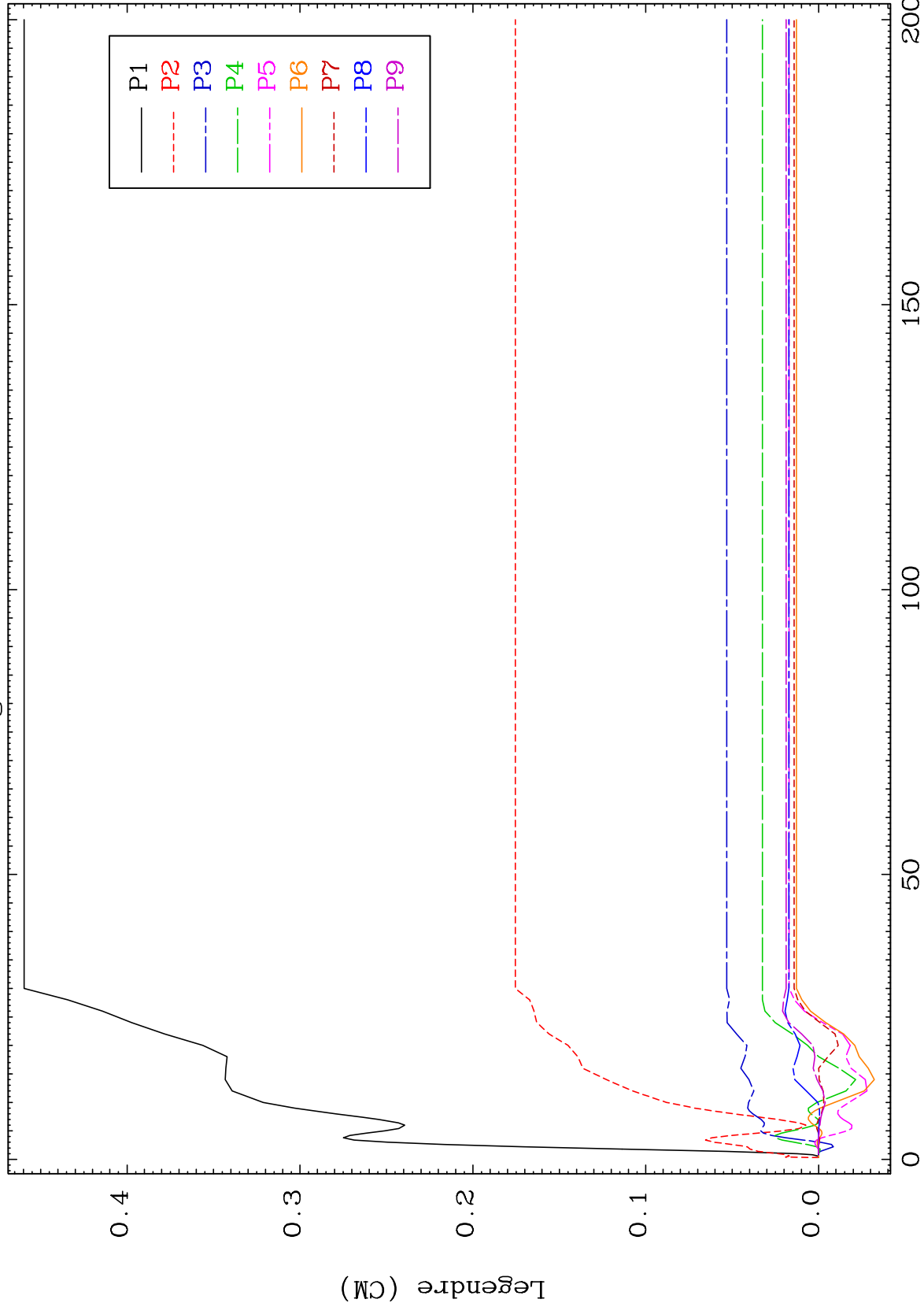
41-Nb-102



MAT 4152

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

41-Nb-102



41-Nb-102

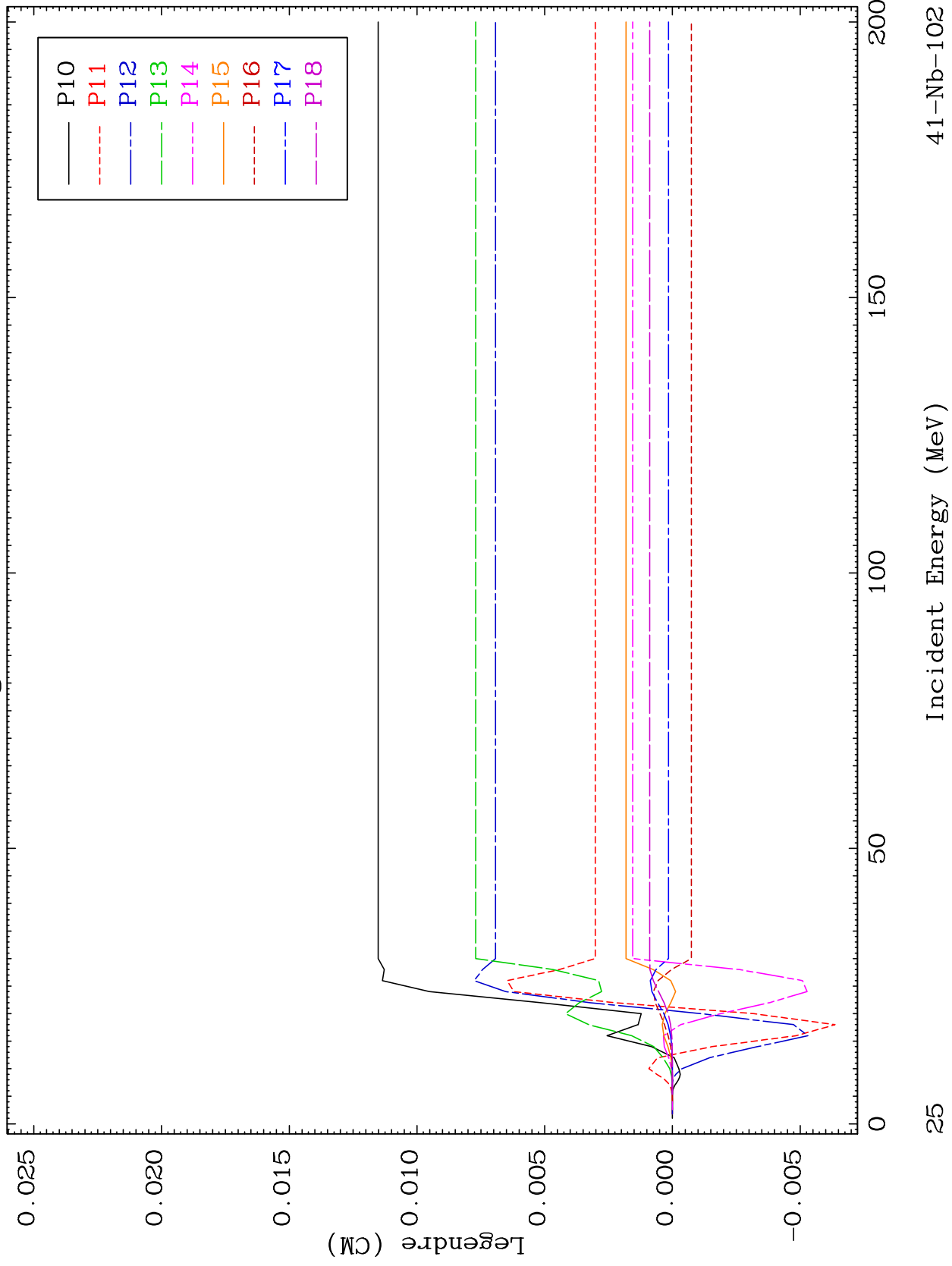
Incident Energy (MeV)

24

MAT 4152

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

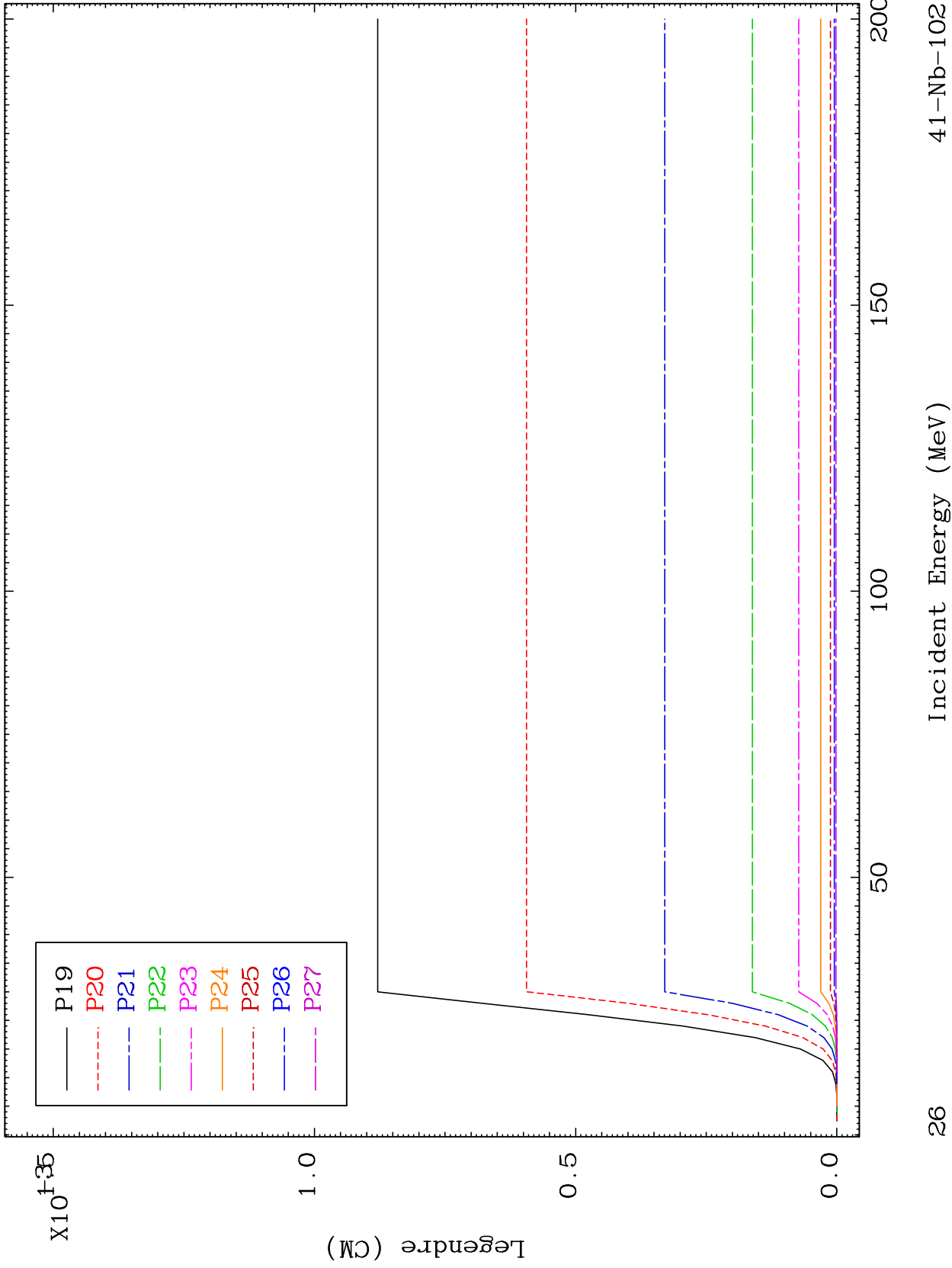
41-Nb-102



41-Nb-102

Incident Energy (MeV)

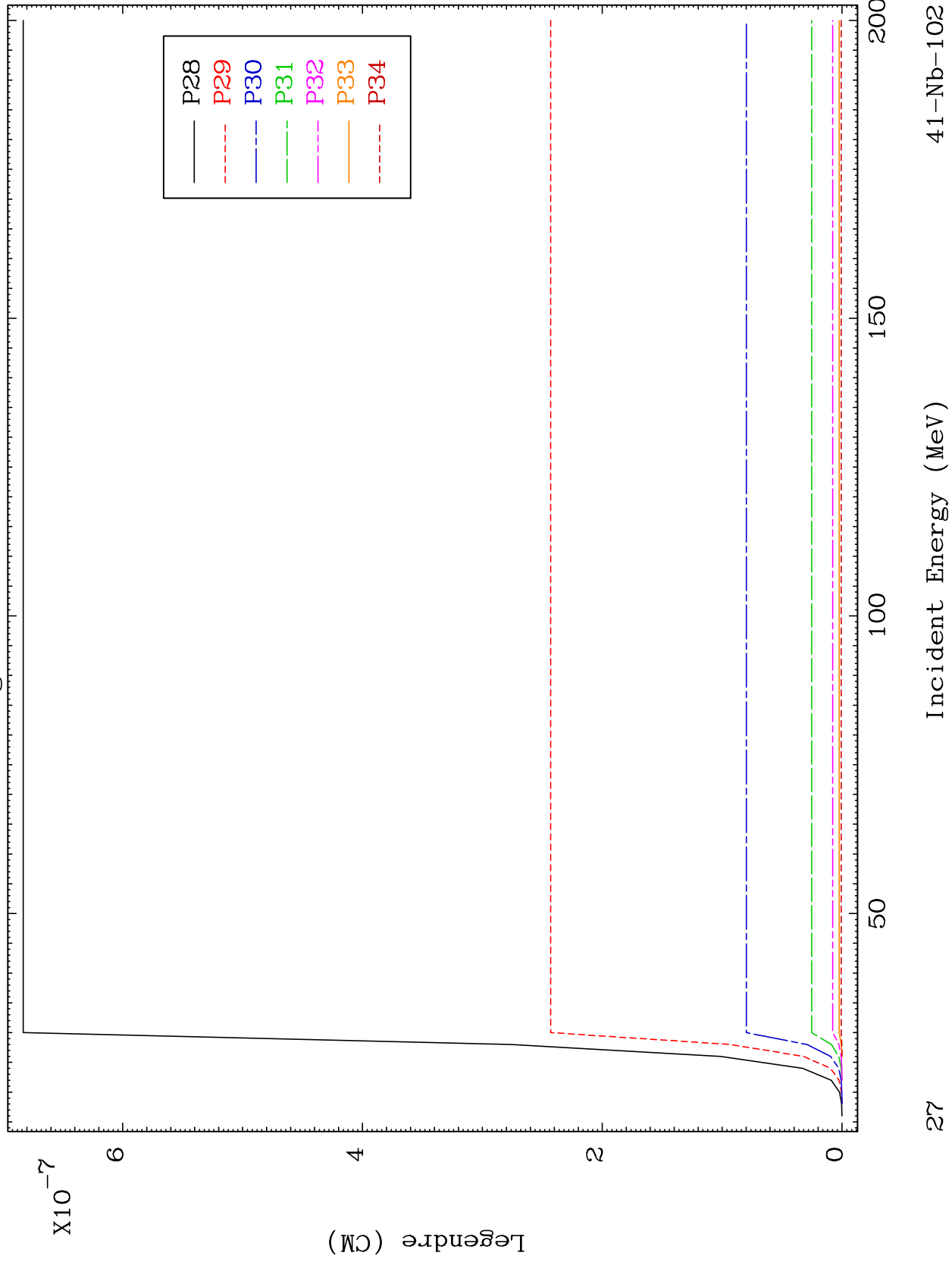
25



MAT 4152

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

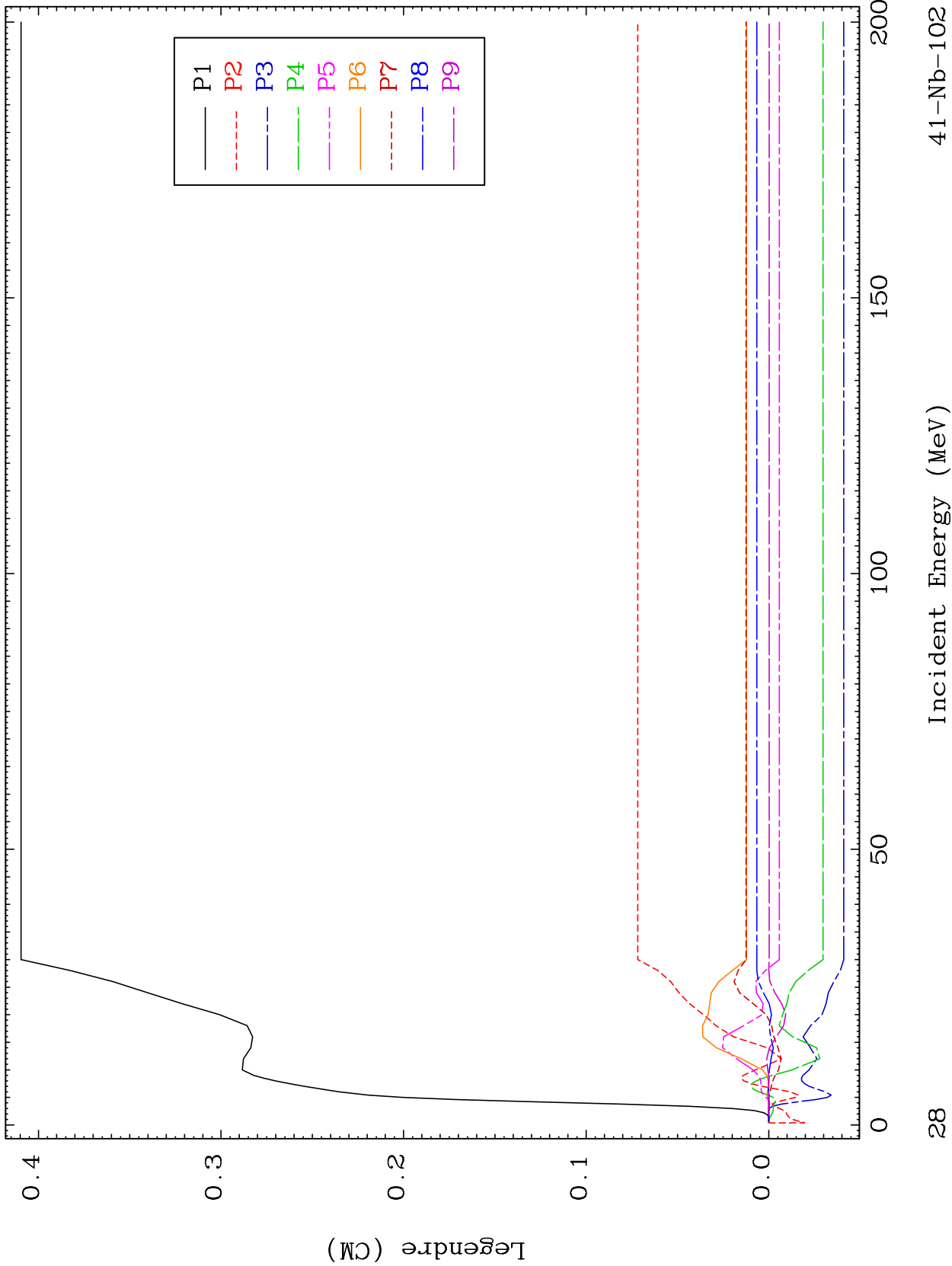
41-Nb-102



MAT 4152

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

41-Nb-102



41-Nb-102

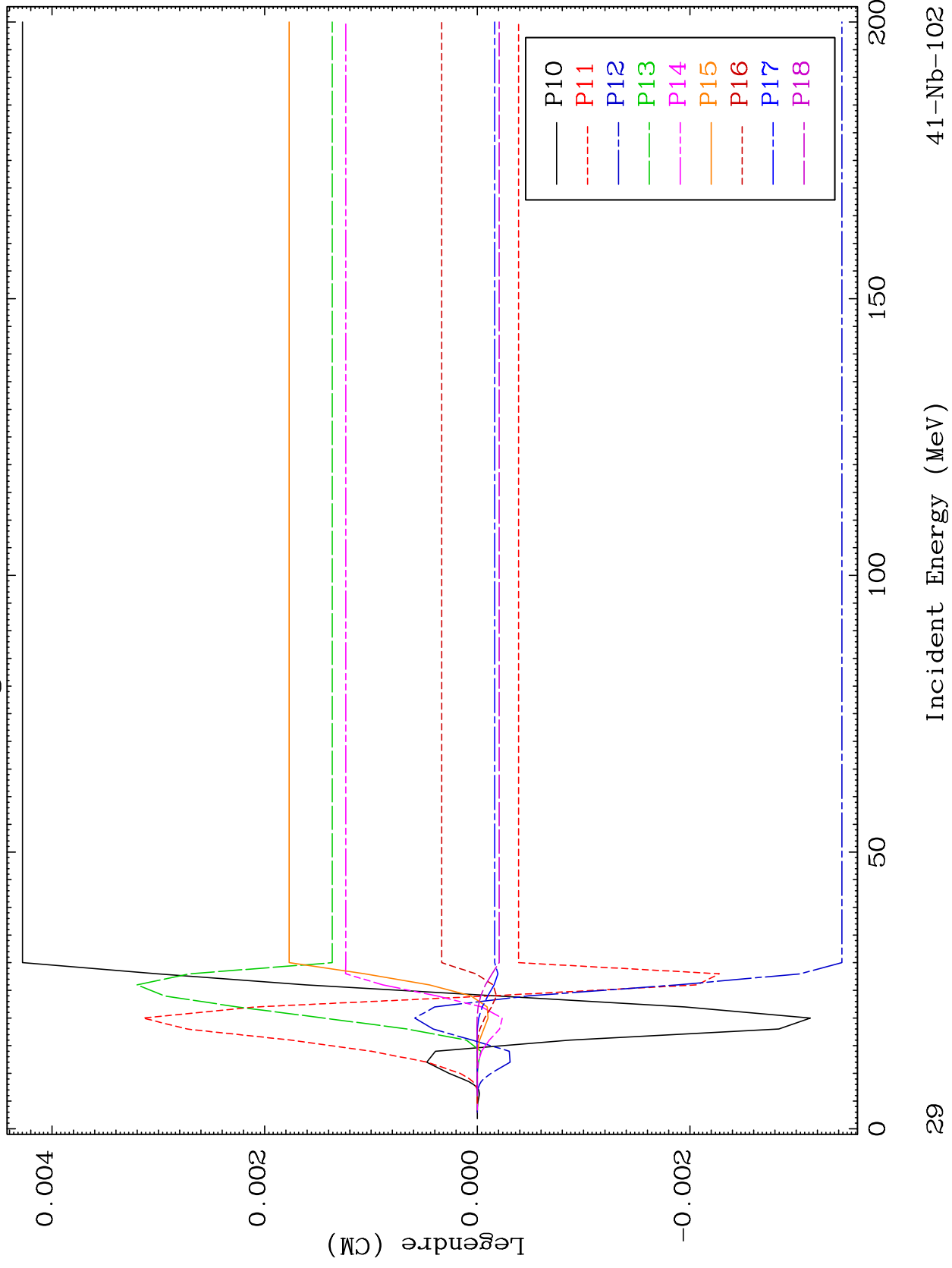
Incident Energy (MeV)

28

MAT 4152

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

41-Nb-102



29

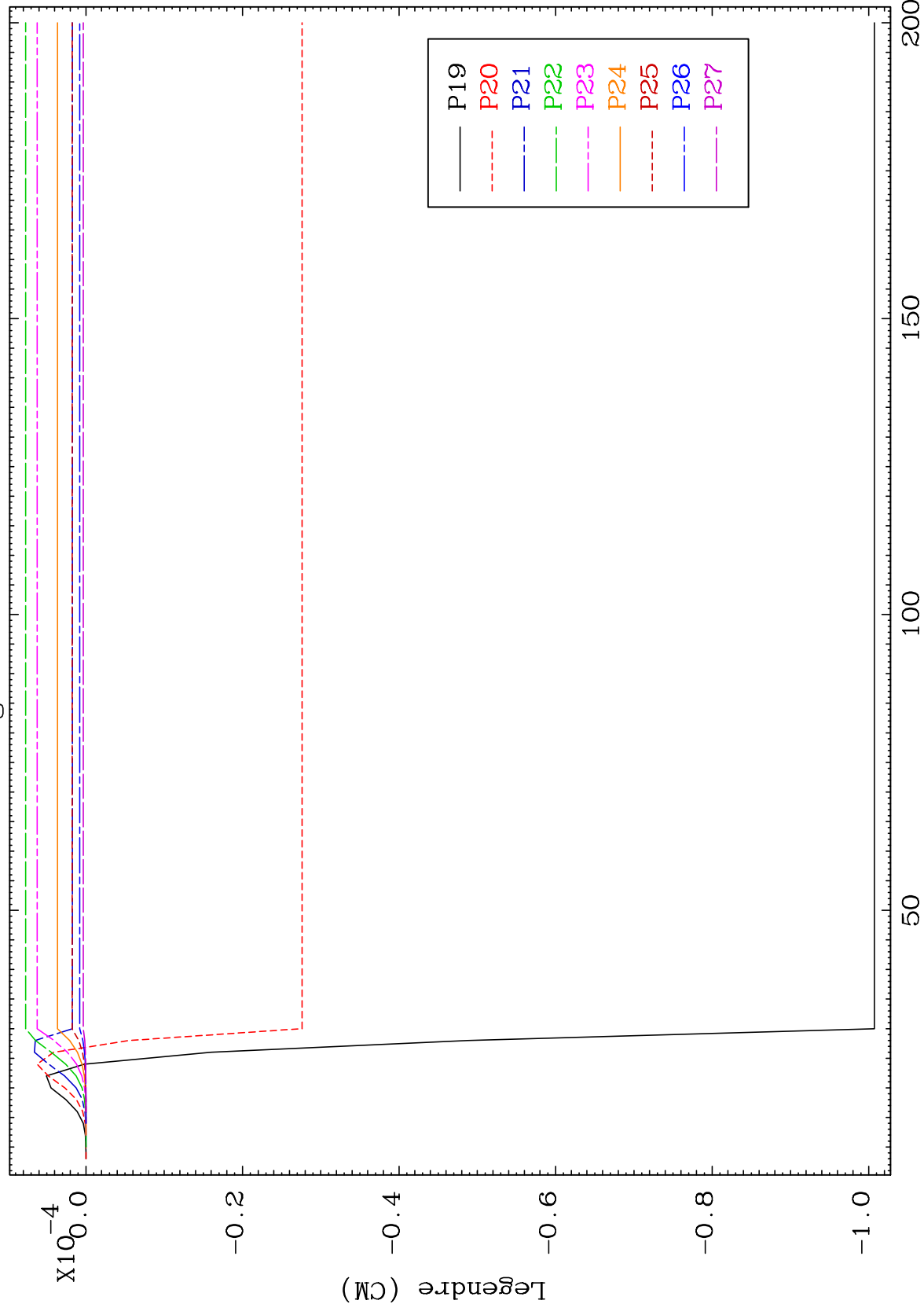
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

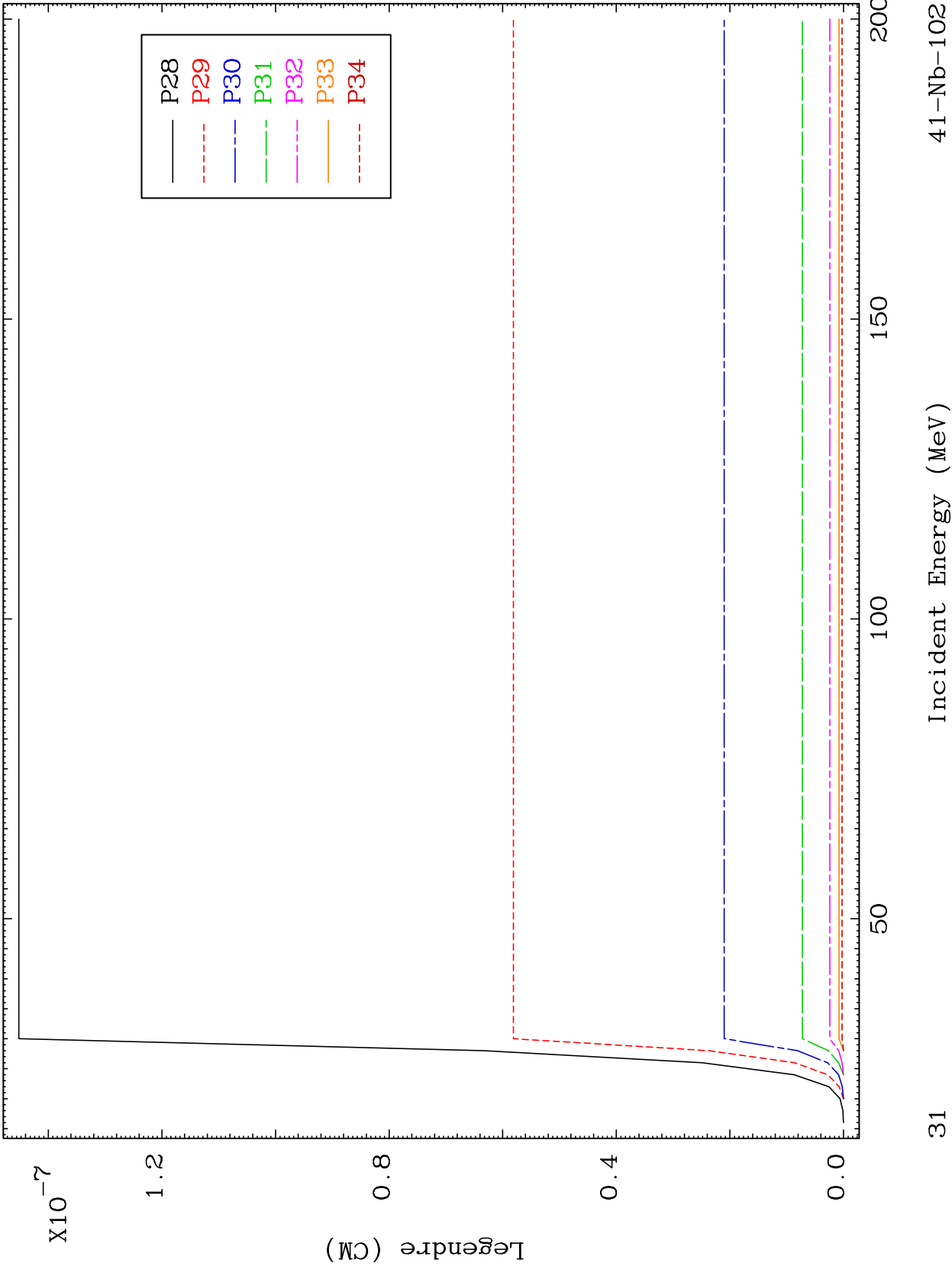
41-Nb-102



30

Incident Energy (MeV)

41-Nb-102

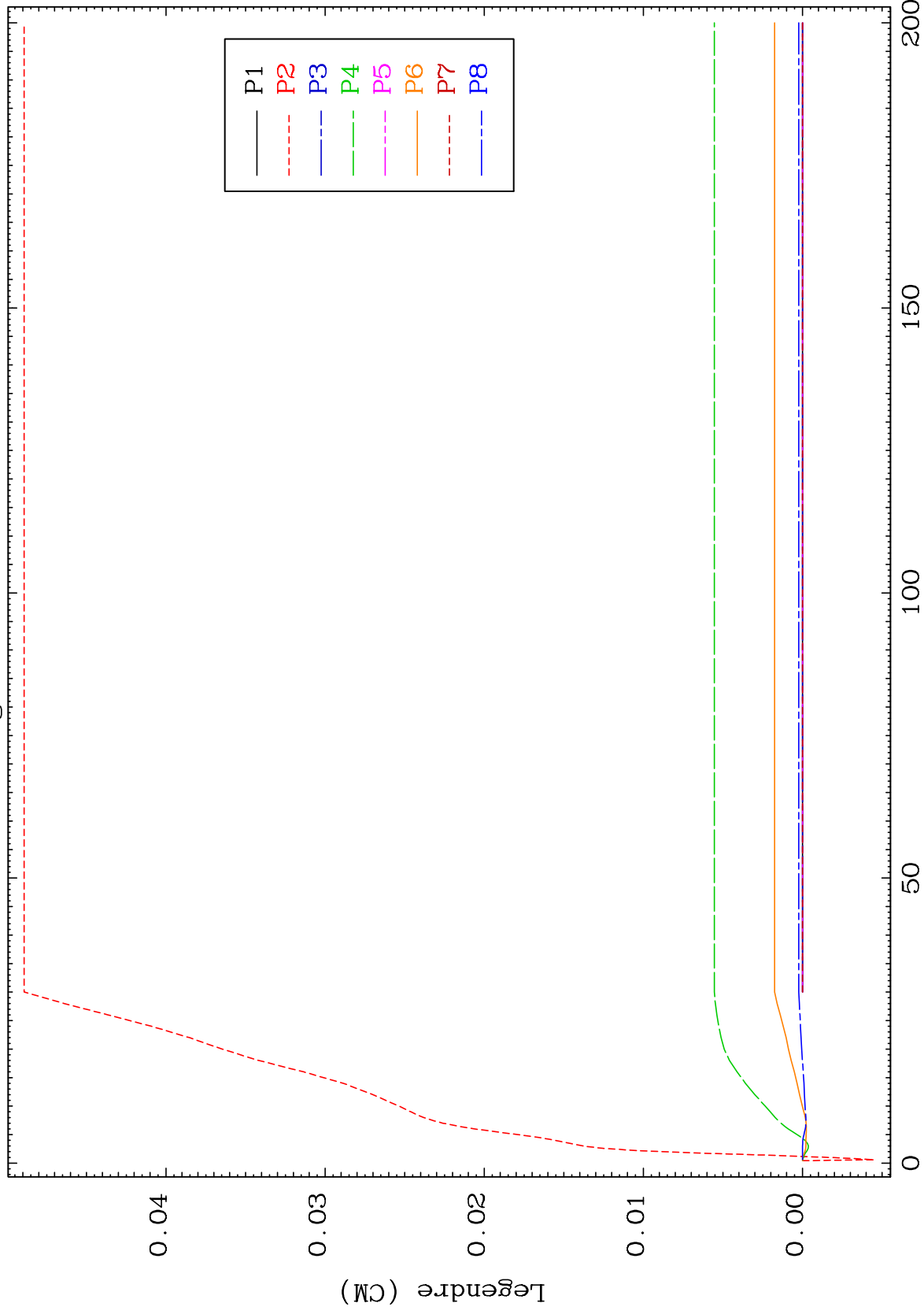




MAT 4152

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

41-Nb-102



41-Nb-102

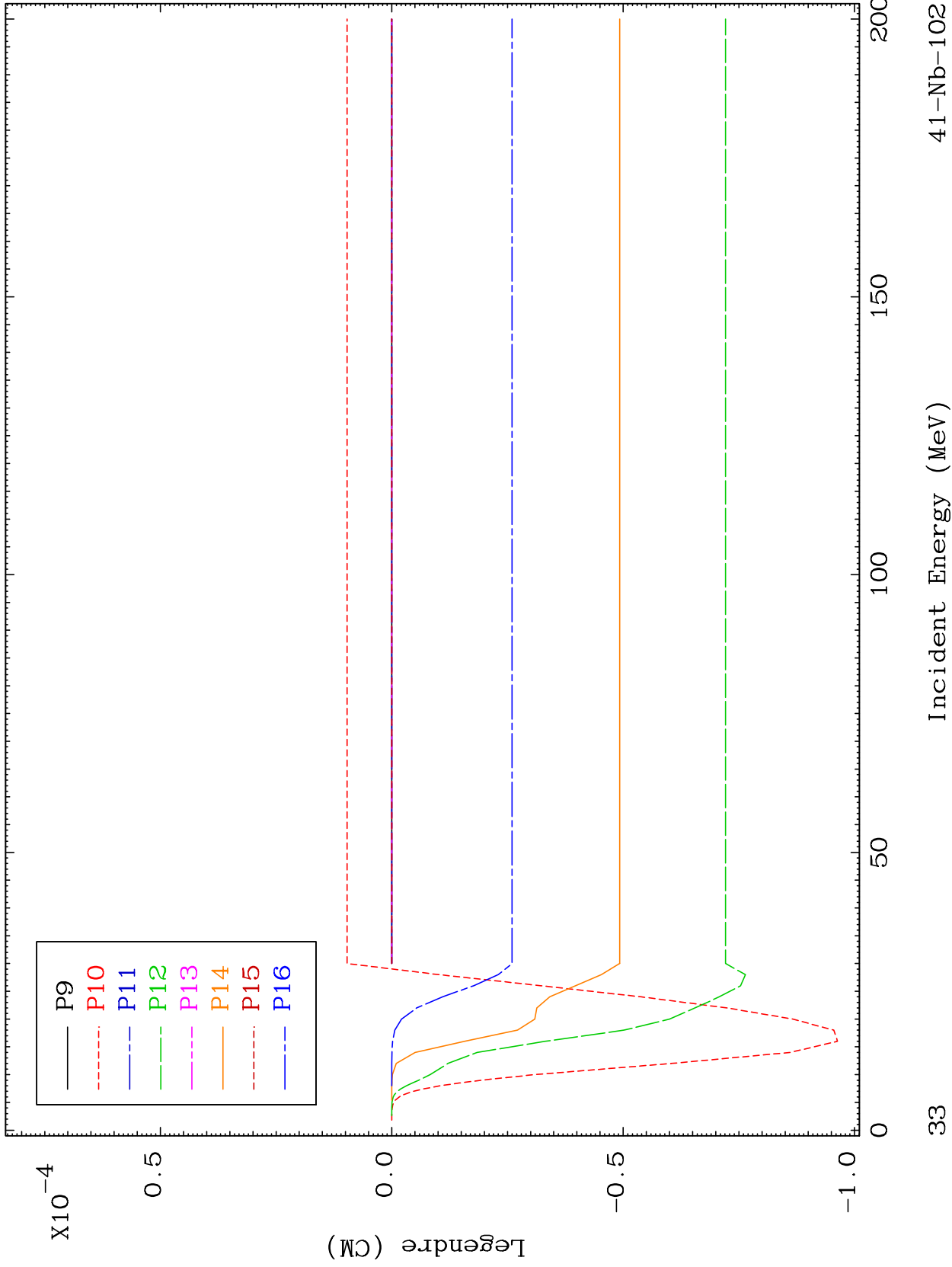
Incident Energy (MeV)

32

MAT 4152

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

41-Nb-102



33

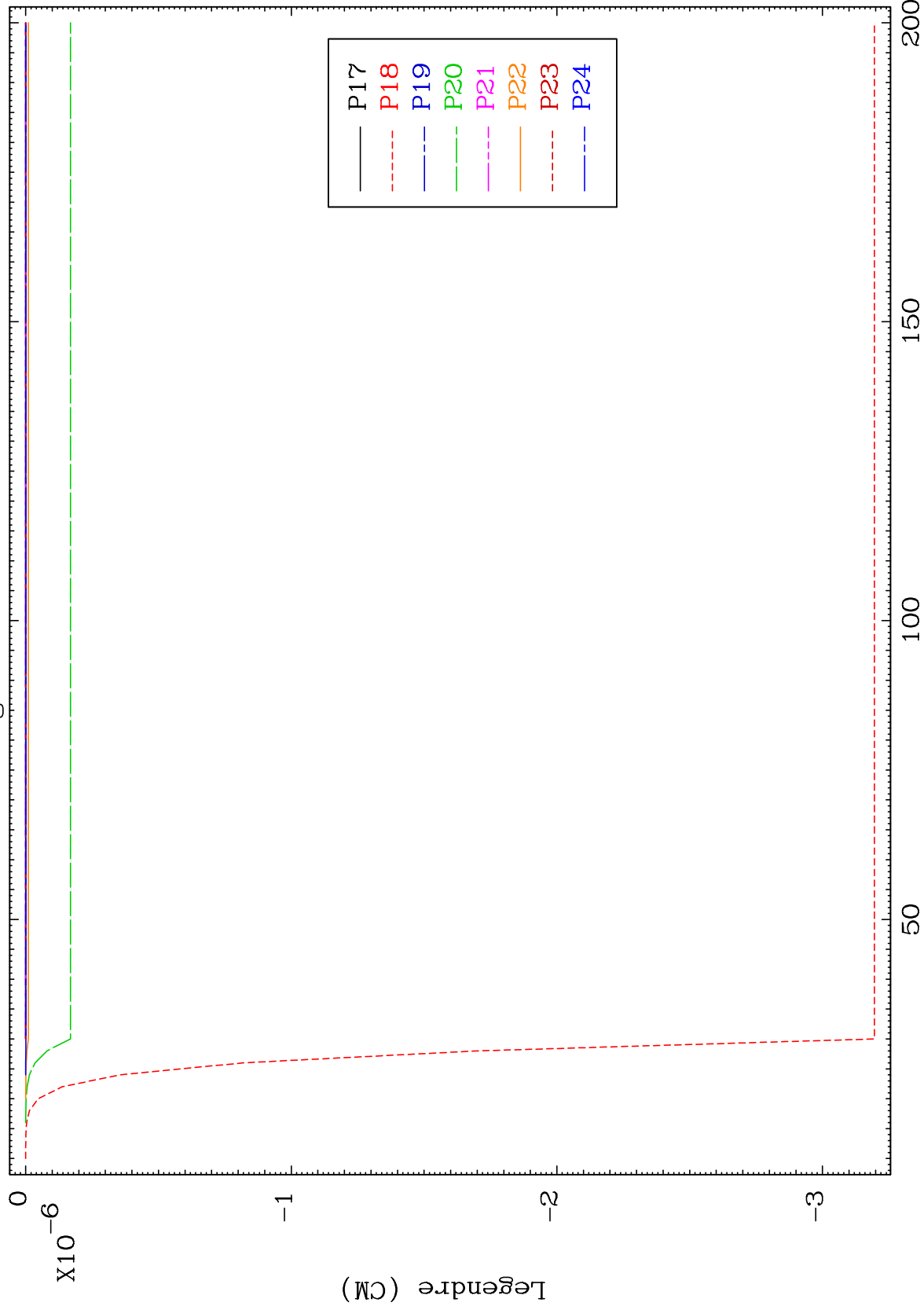
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102



34

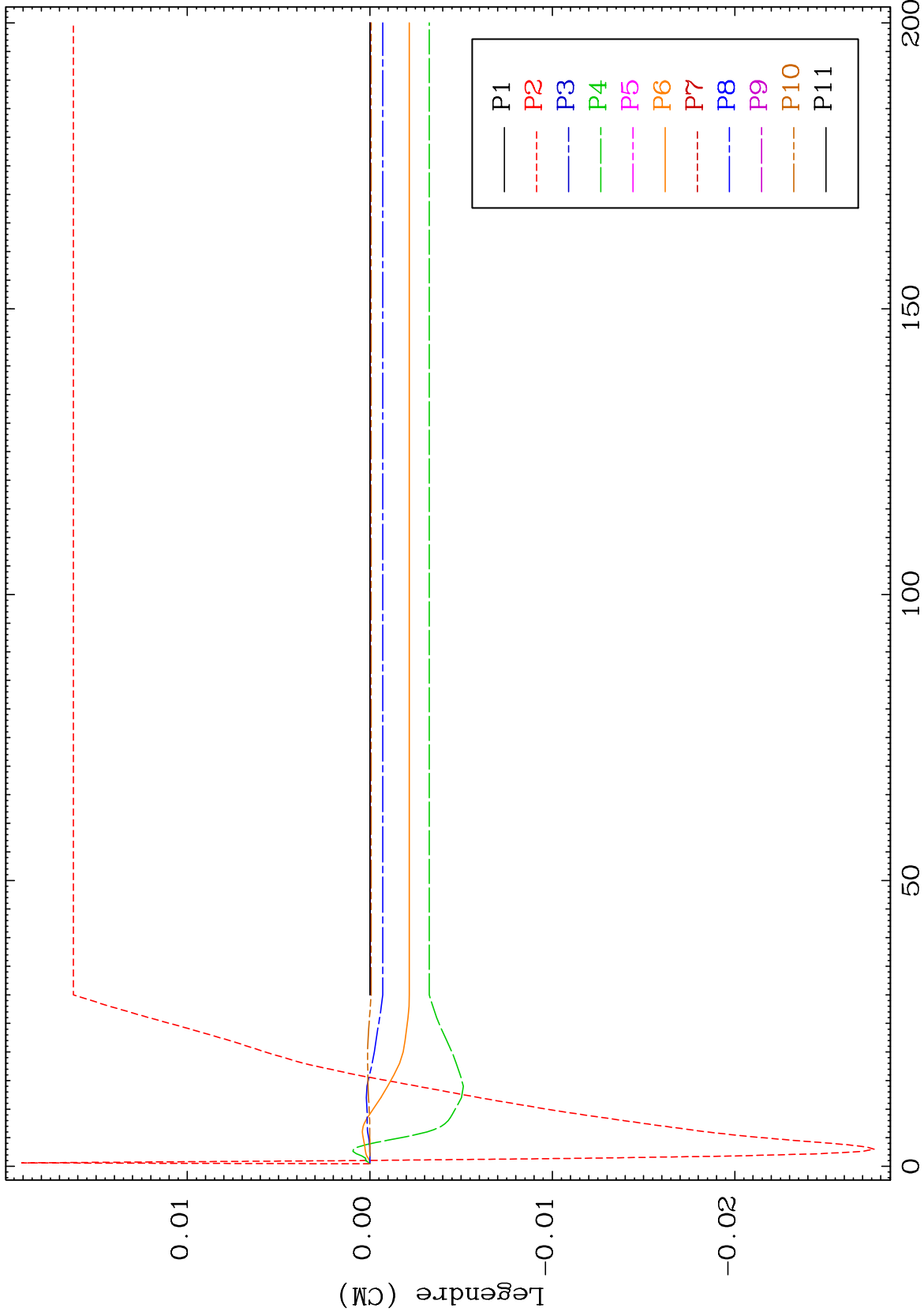
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

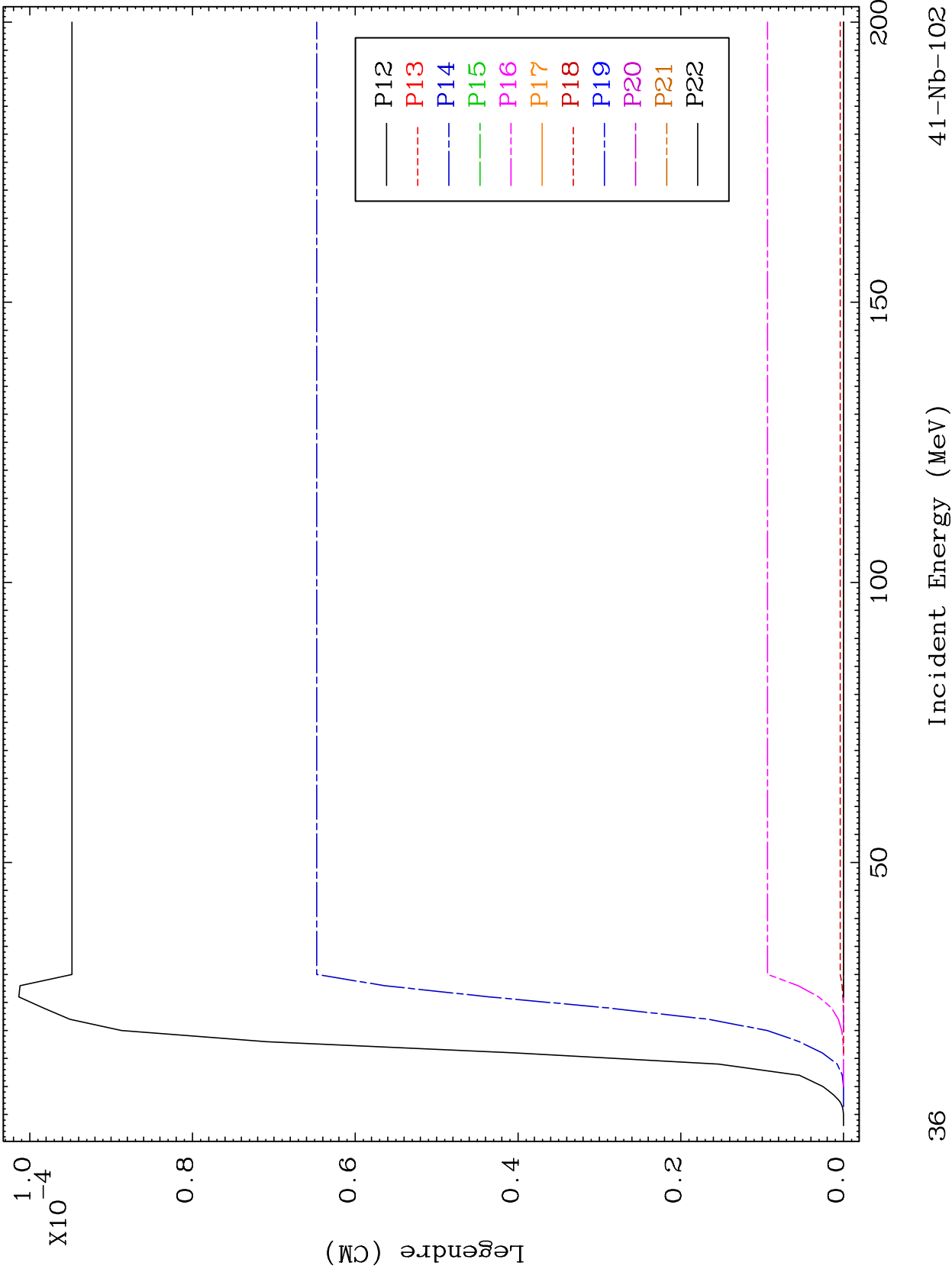
41-Nb-102



41-Nb-102

Incident Energy (MeV)

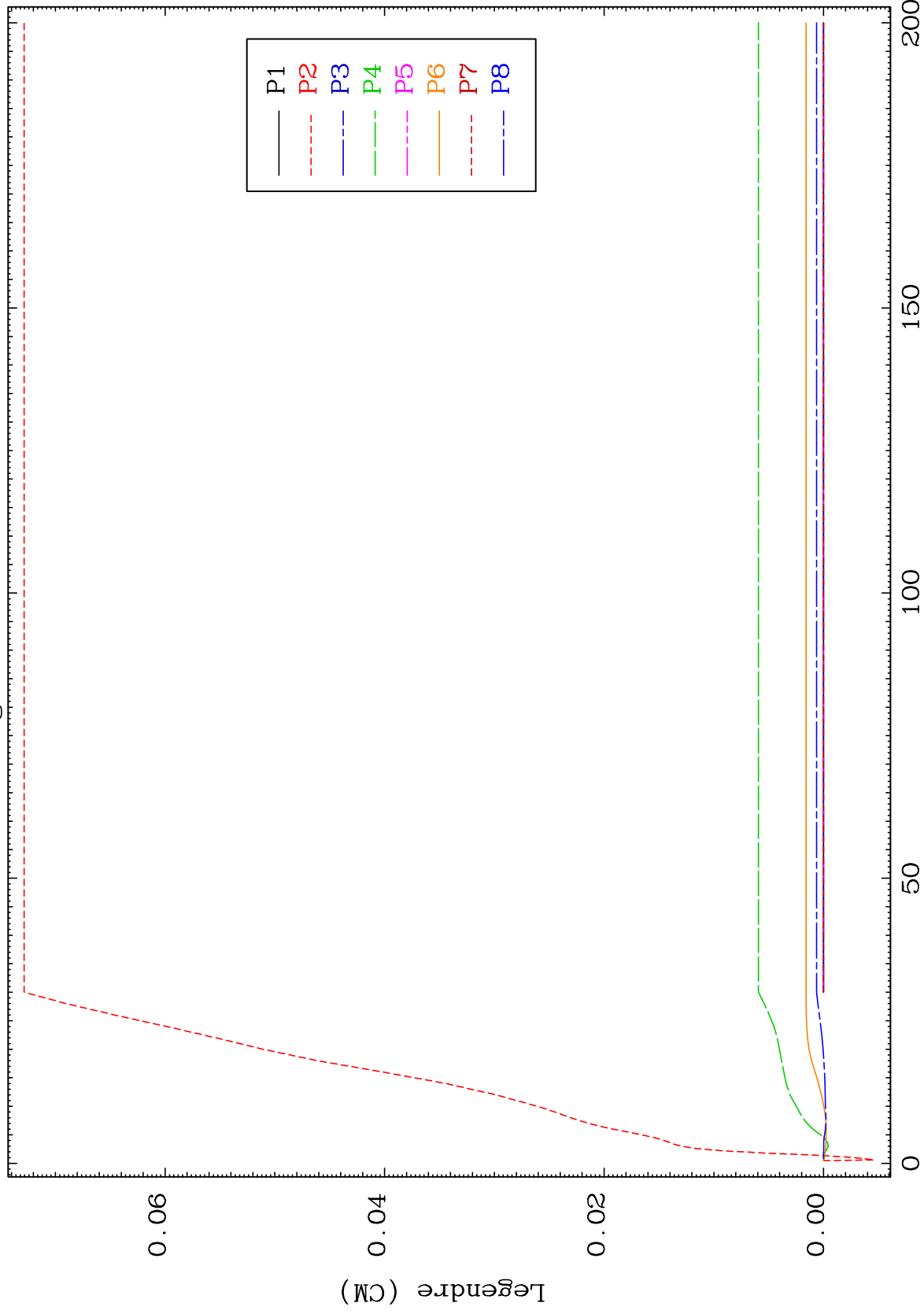
35



MAT 4152

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

41-Nb-102



37

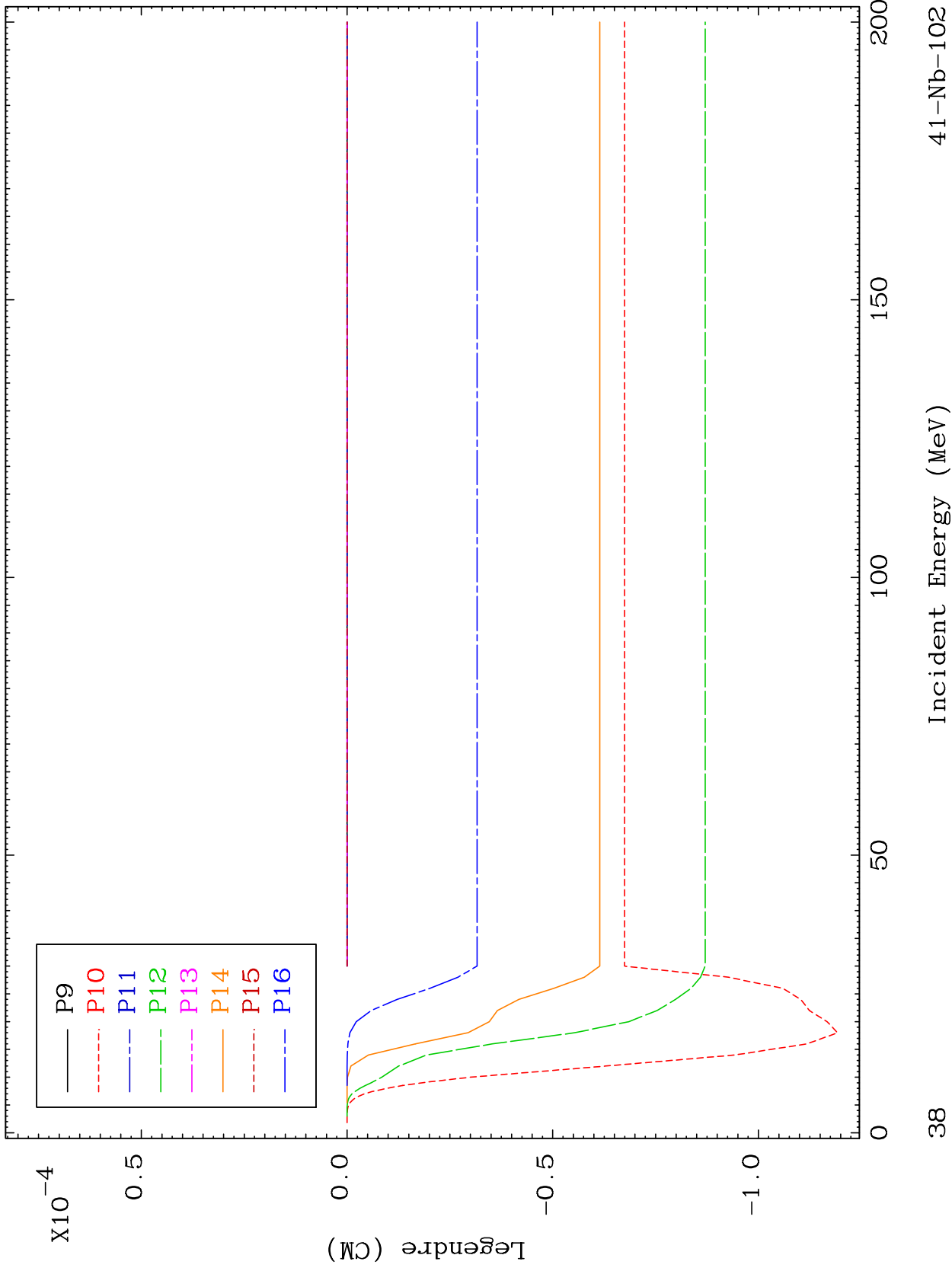
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102



38

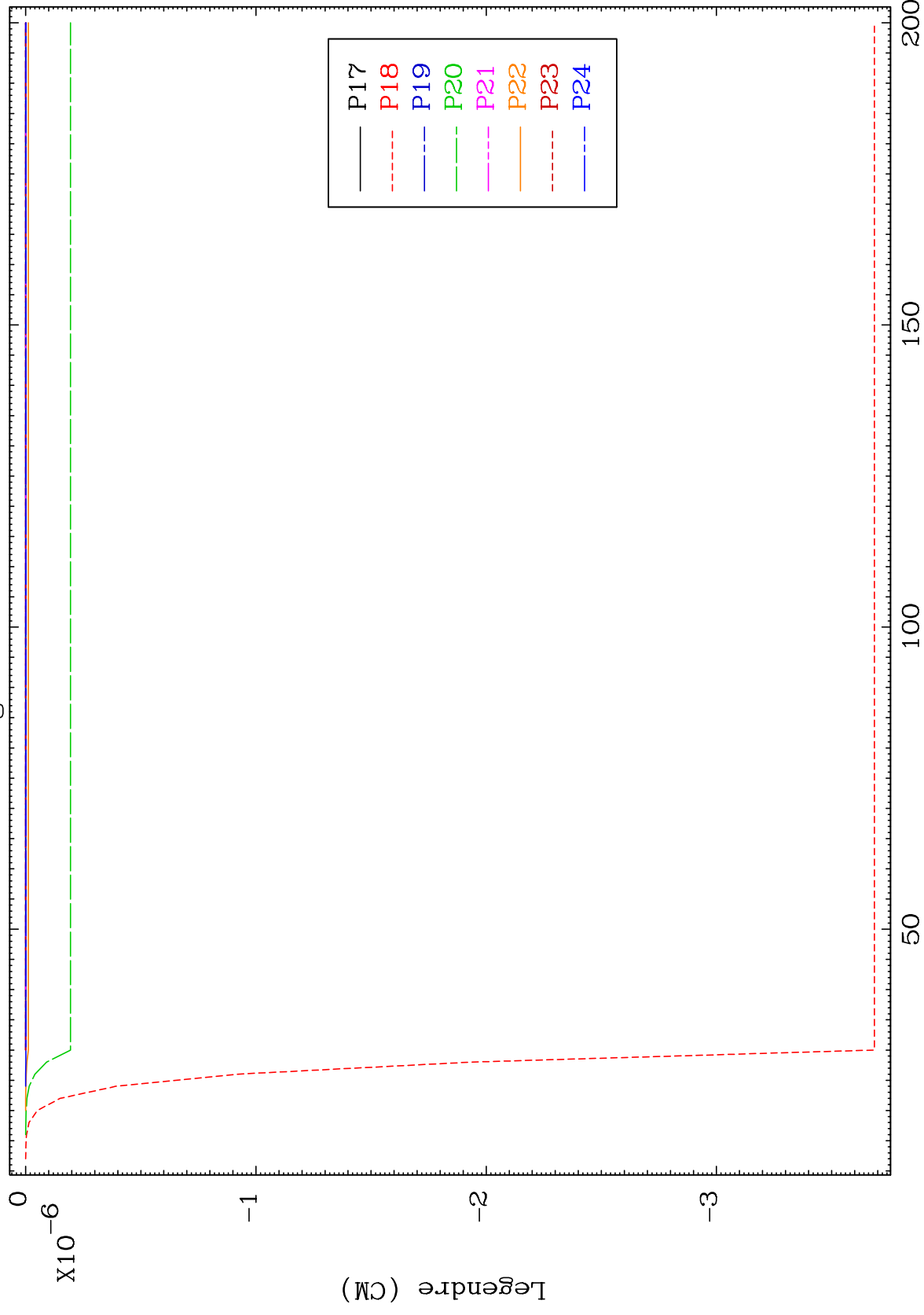
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102



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Incident Energy (MeV)

41-Nb-102

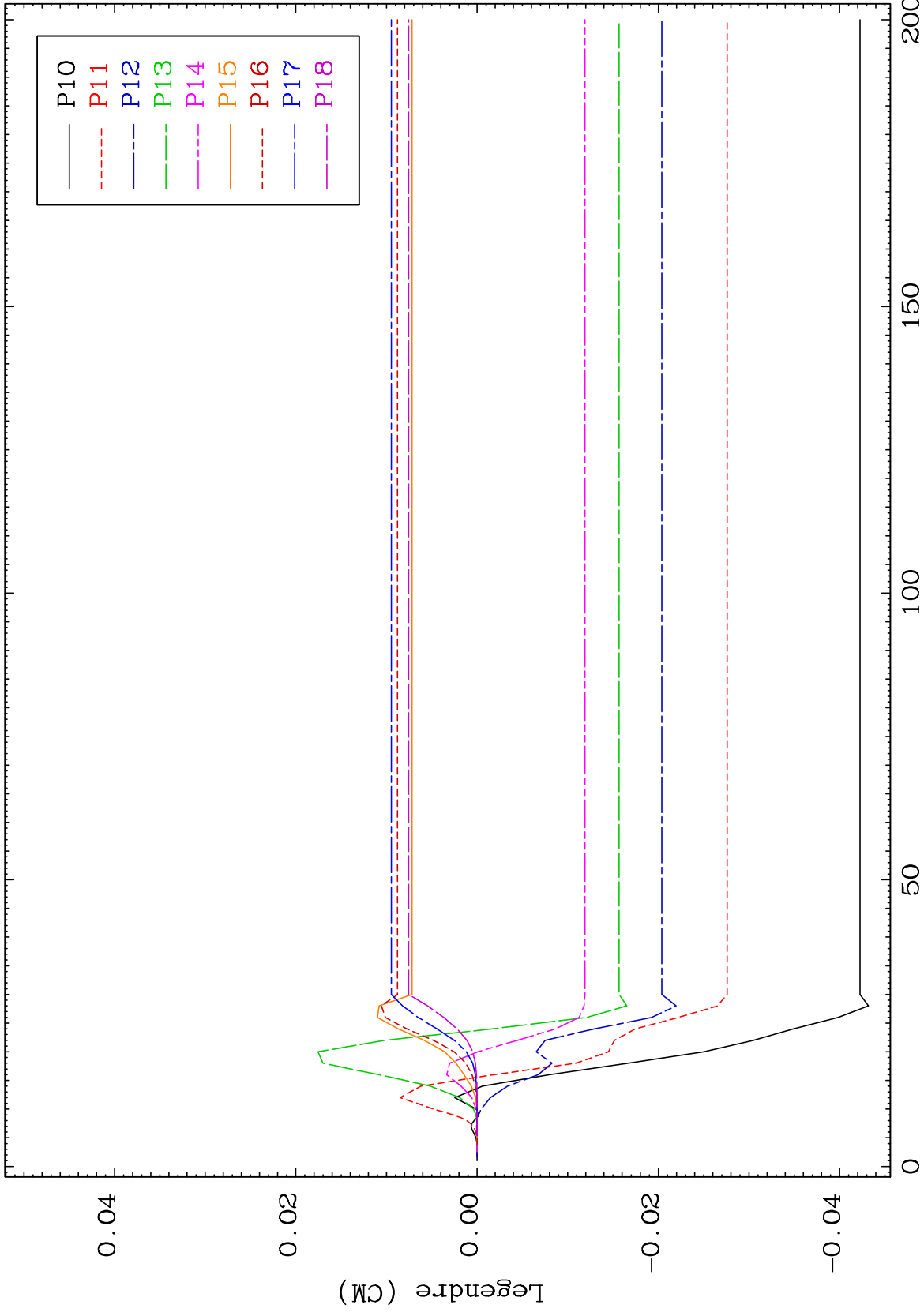




MAT 4152

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

41-Nb-102



41

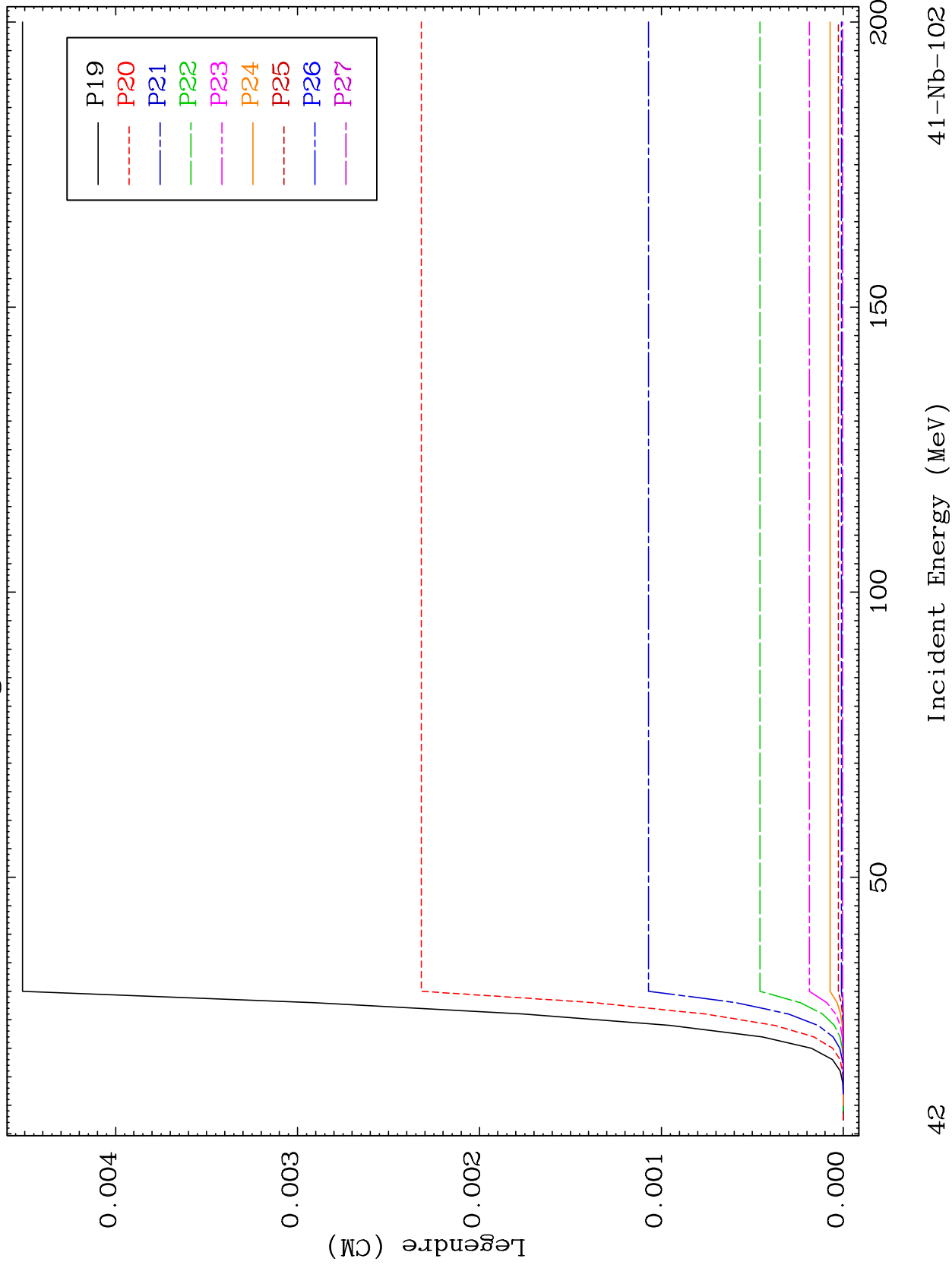
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102



42

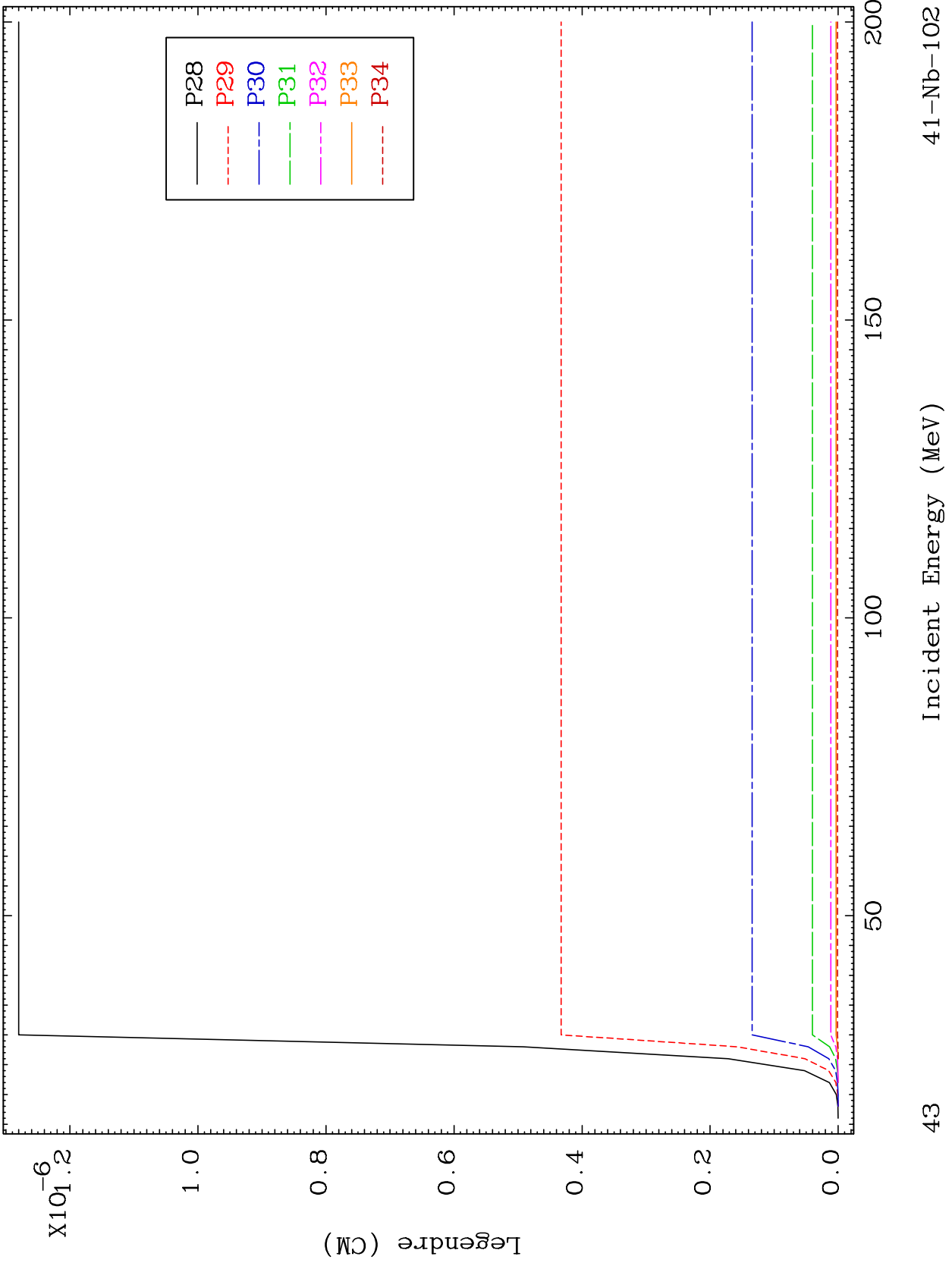
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102



43

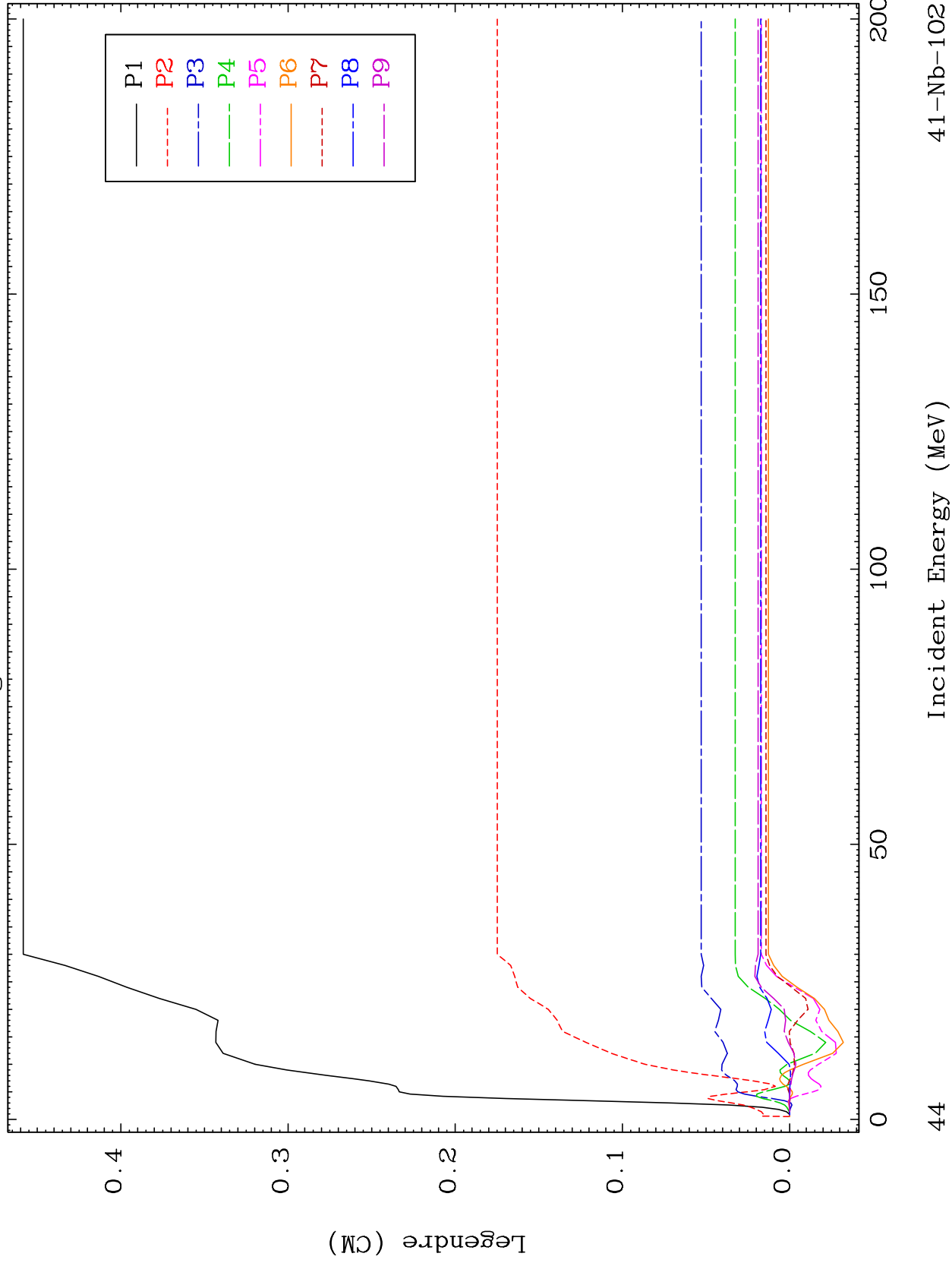
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102



41-Nb-102

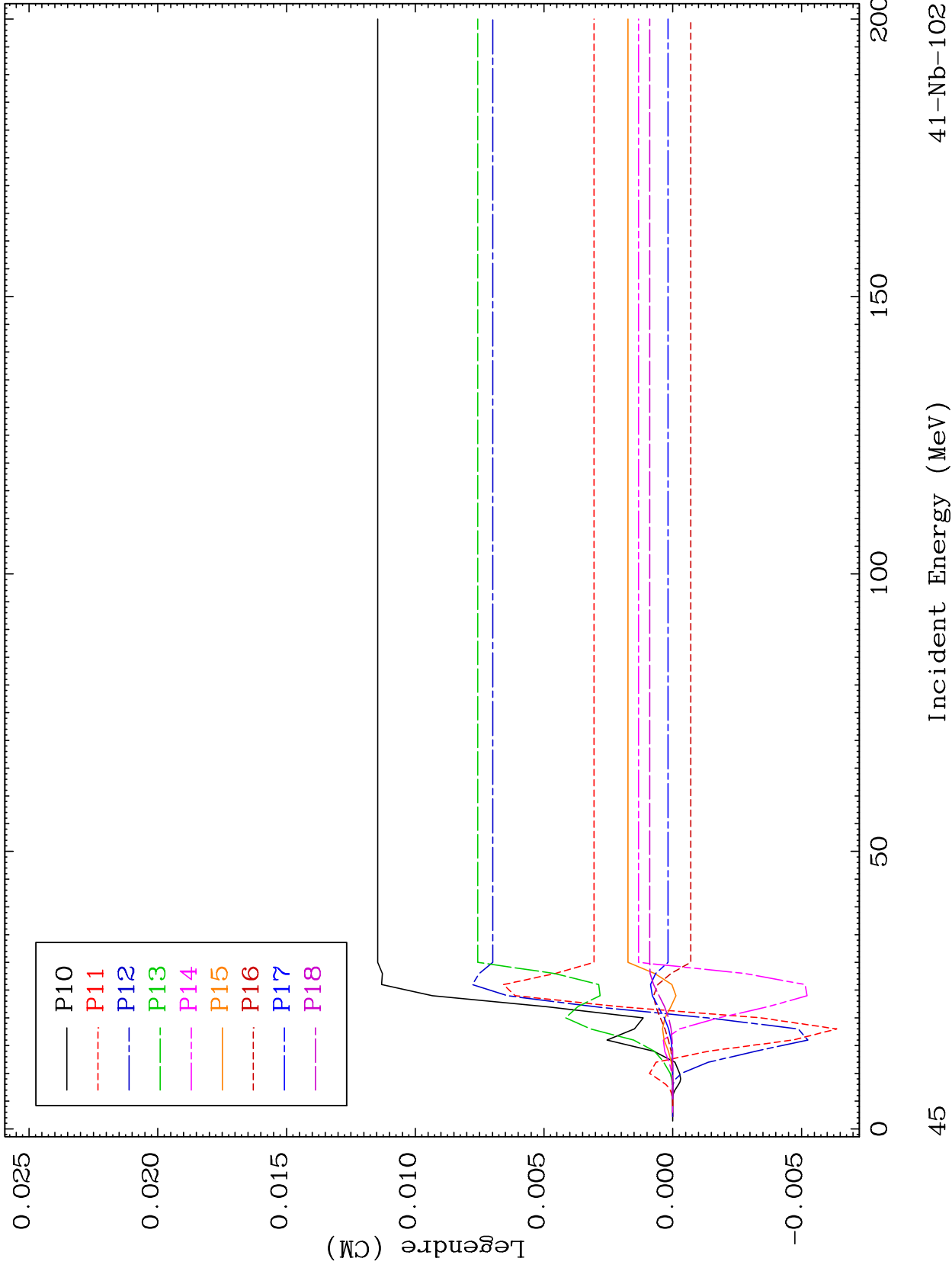
Incident Energy (MeV)

44

MAT 4152

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

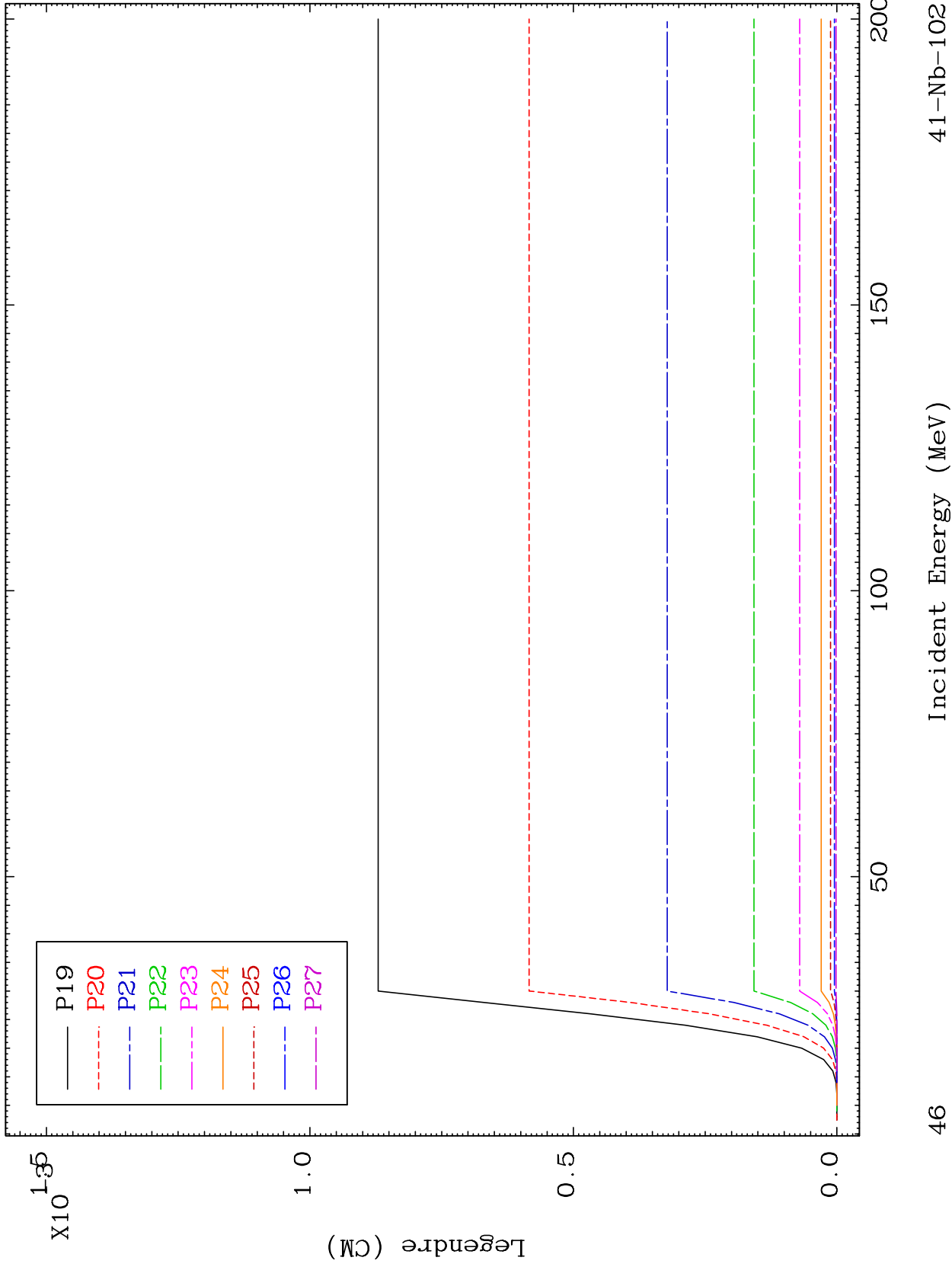
41-Nb-102



41-Nb-102

Incident Energy (MeV)

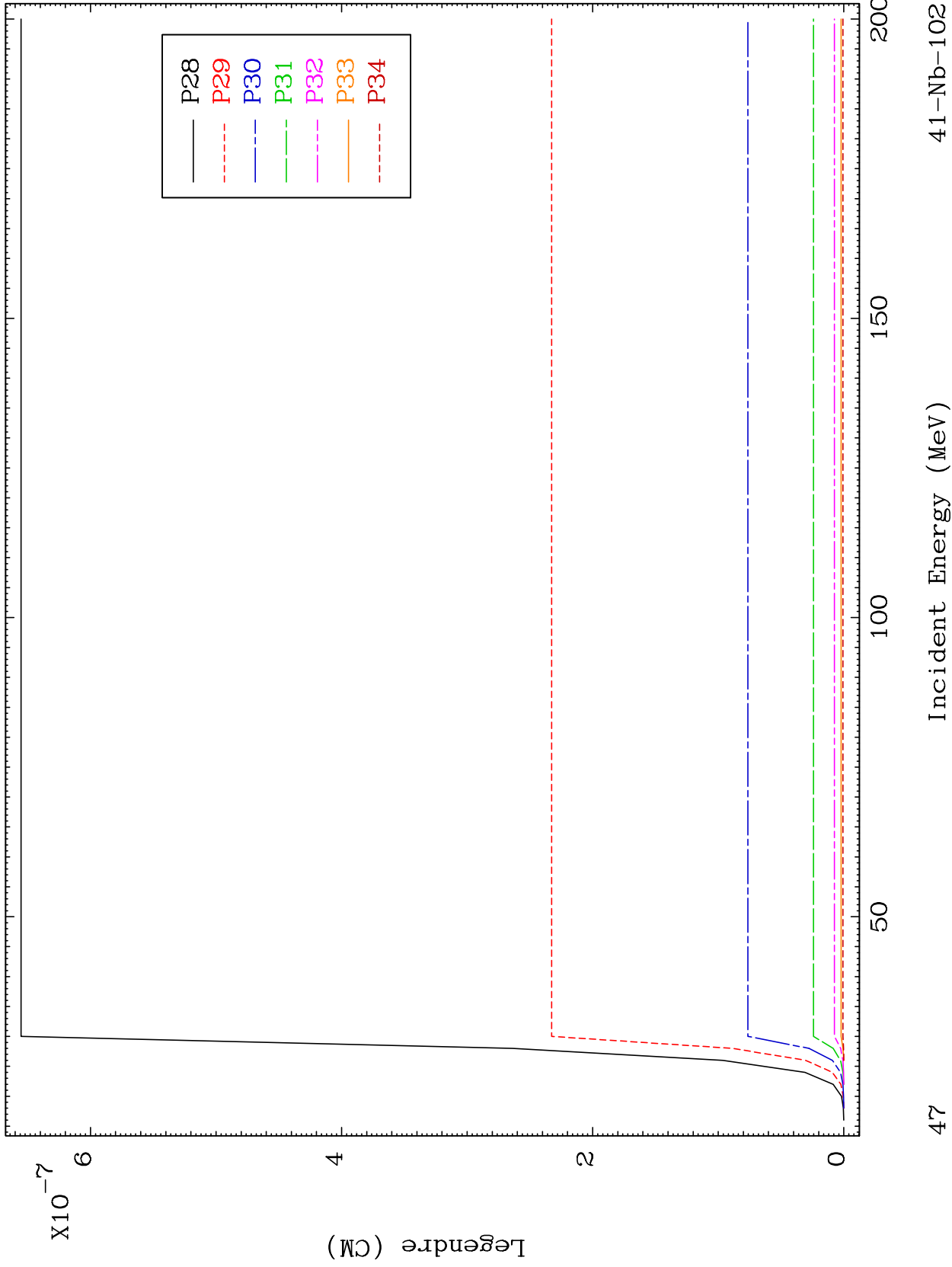
45



MAT 4152

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

41-Nb-102



47

Incident Energy (MeV)

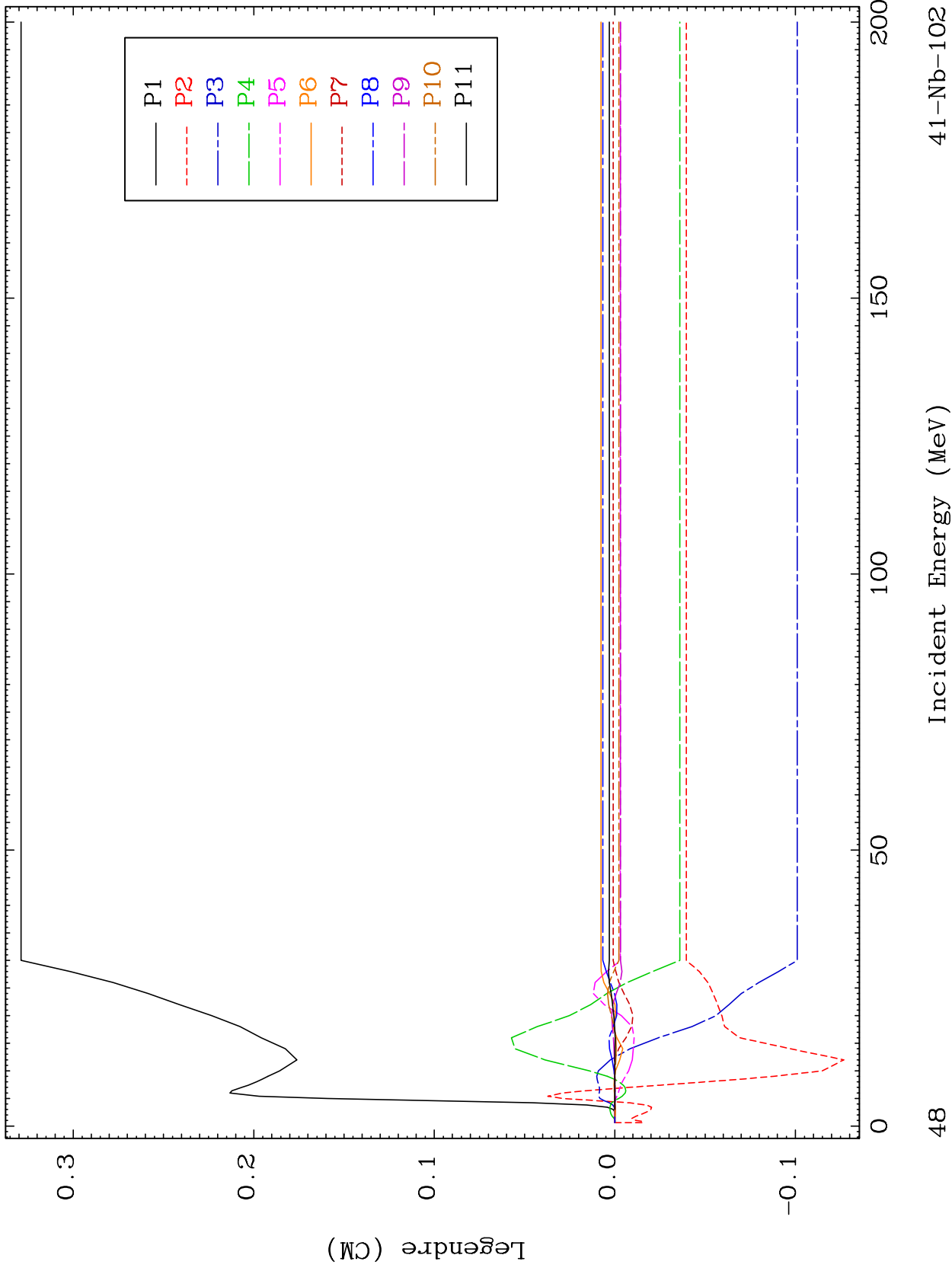
41-Nb-102



MAT 4152

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

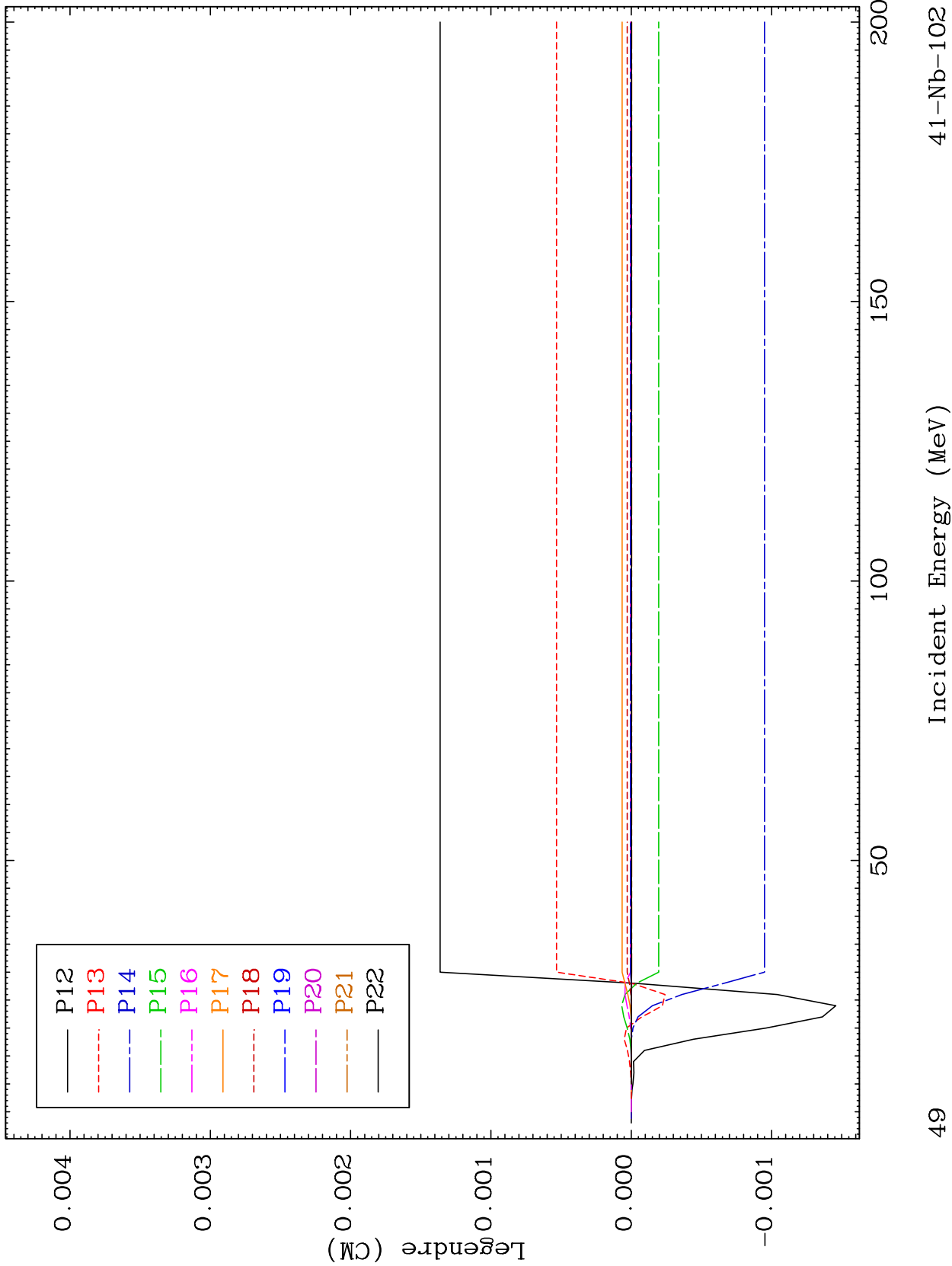
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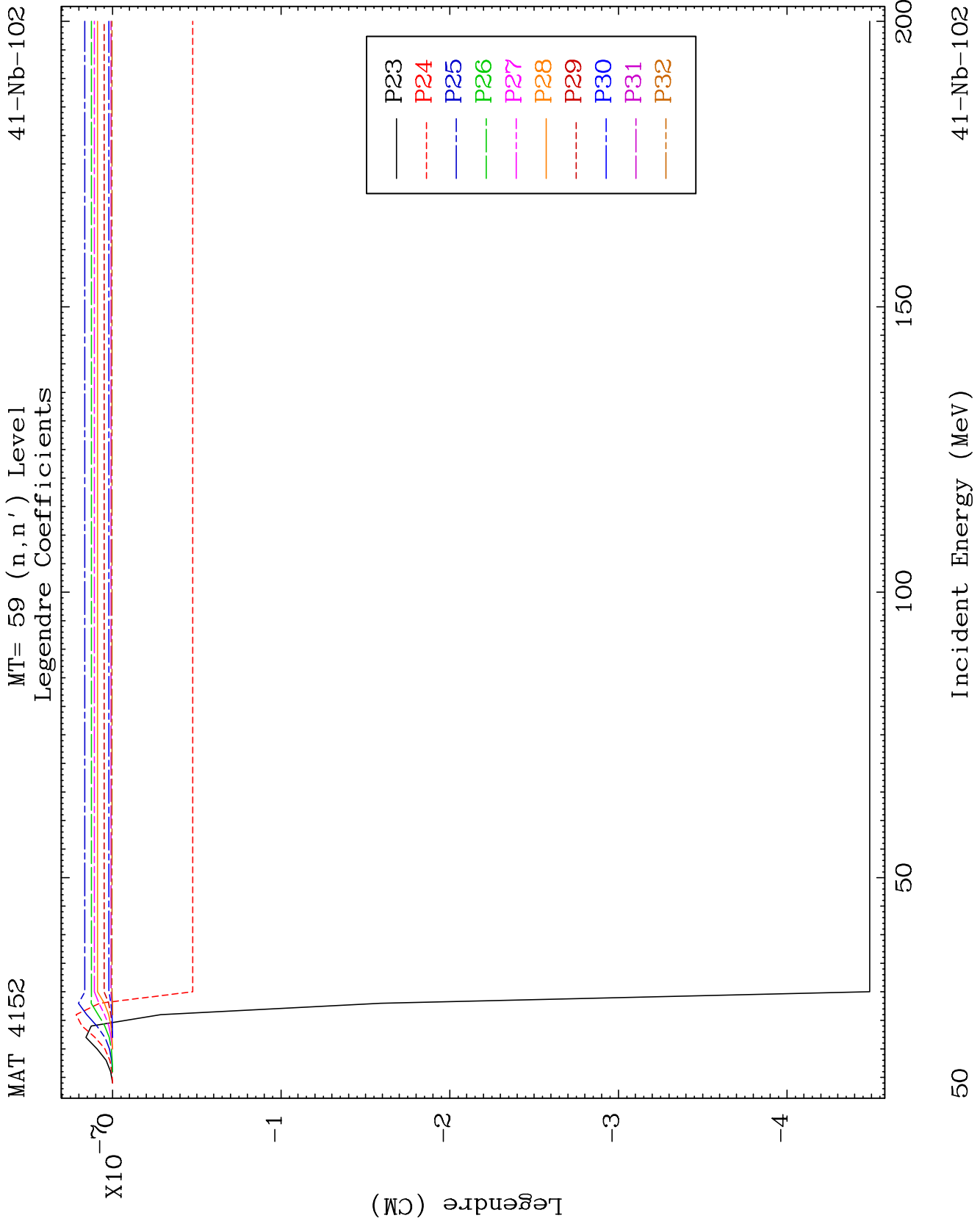


41-Nb-102

Incident Energy (MeV)

48

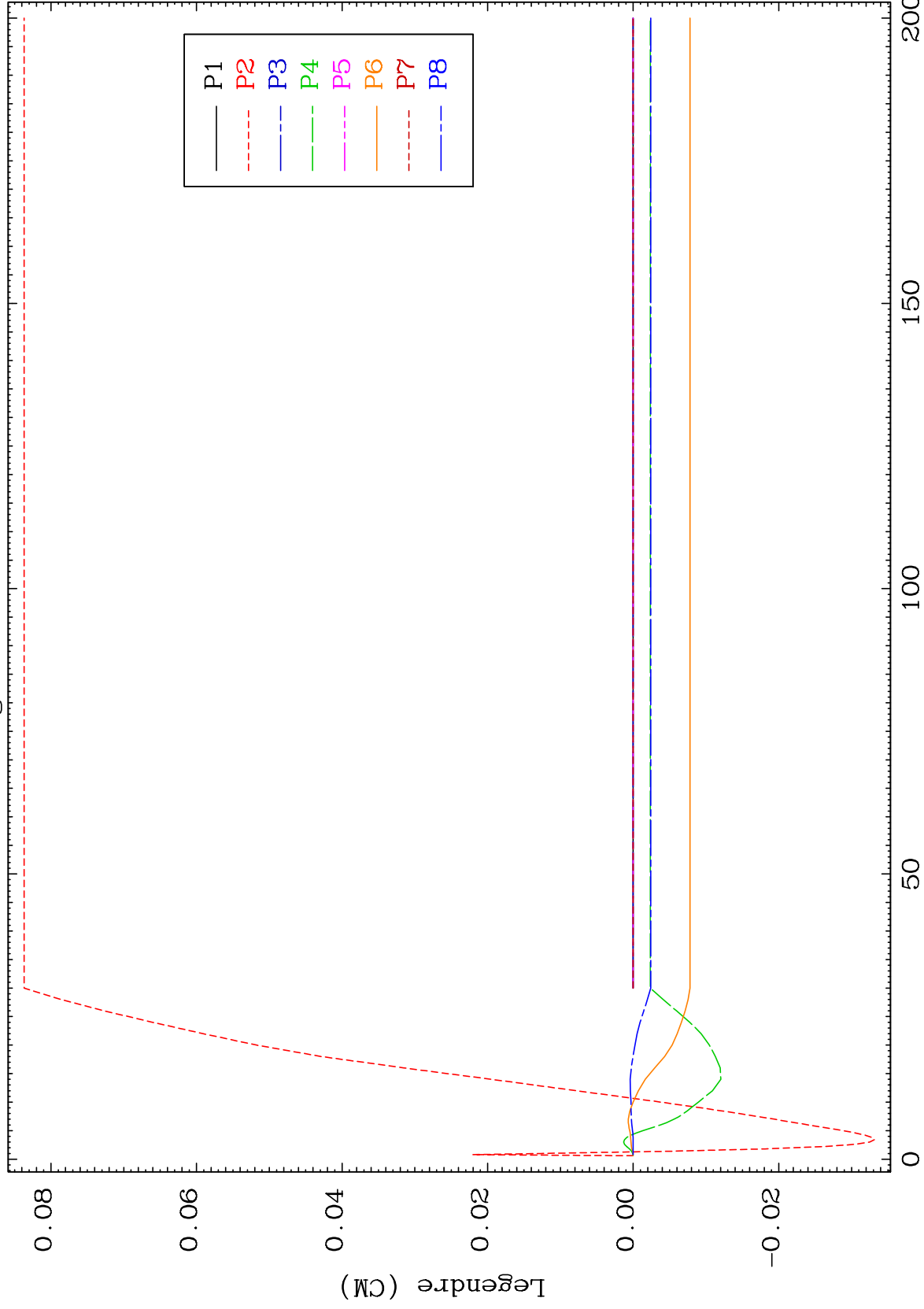




MAT 4152

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

41-Nb-102



51

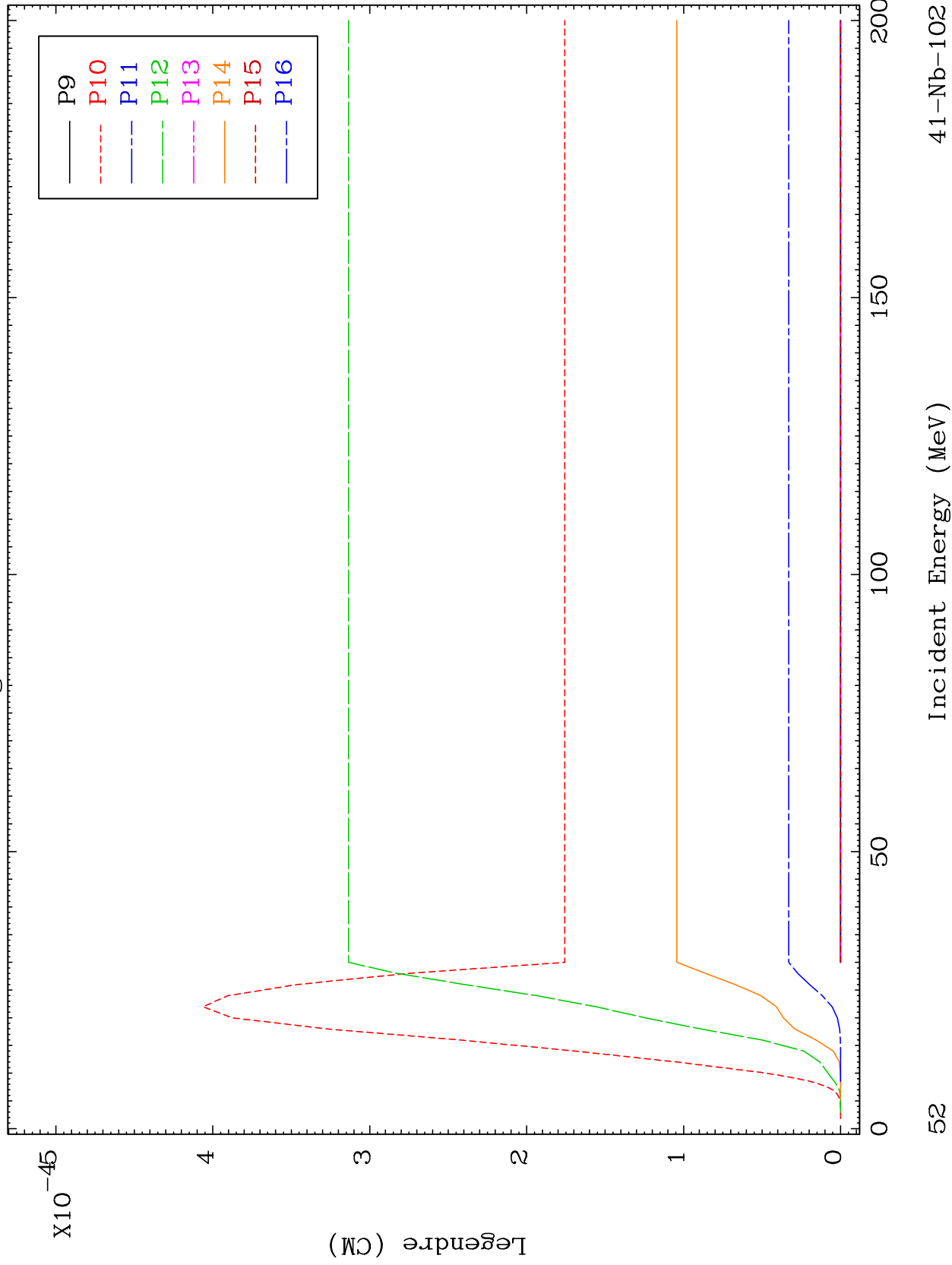
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102



52

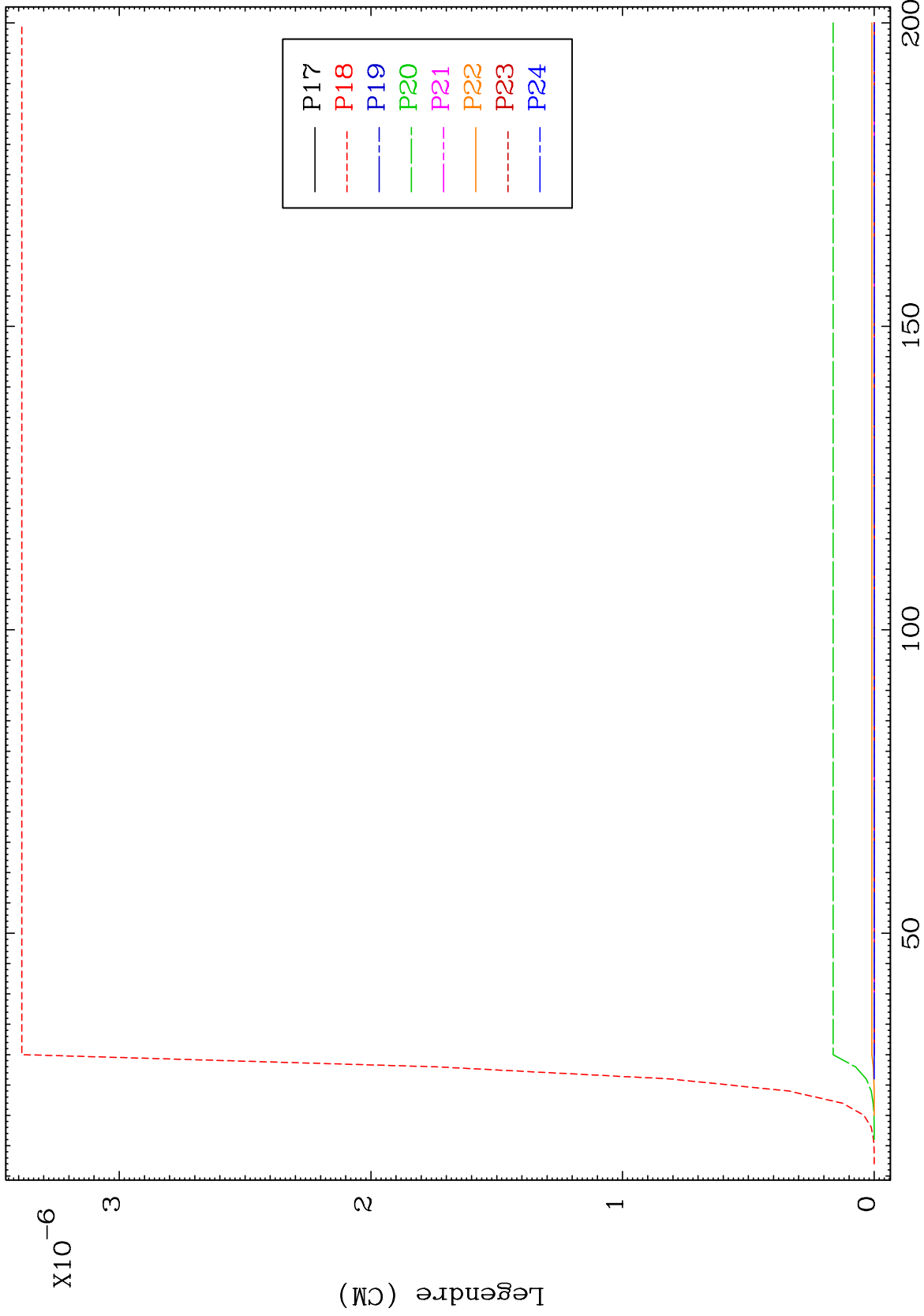
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102



53

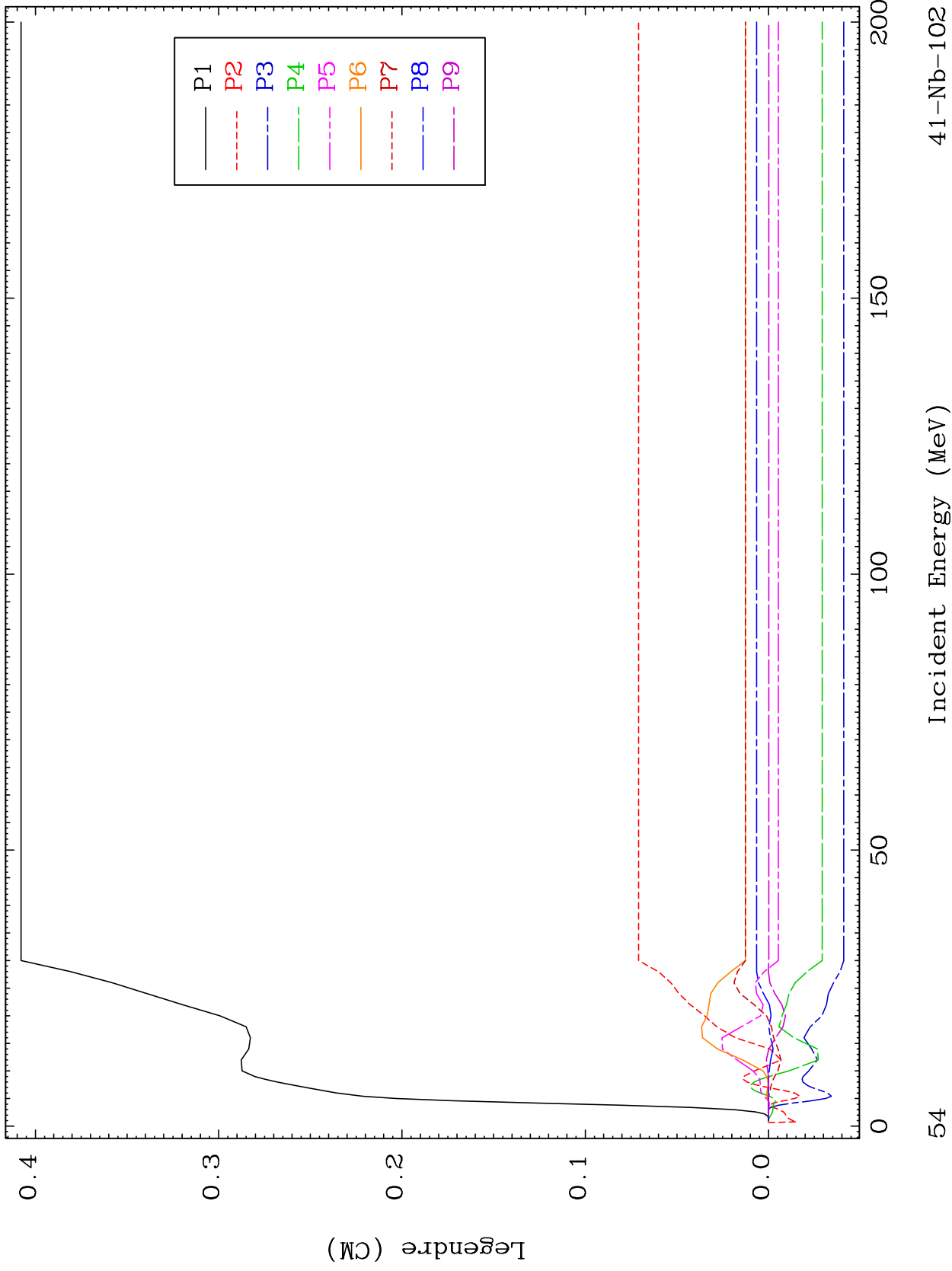
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102

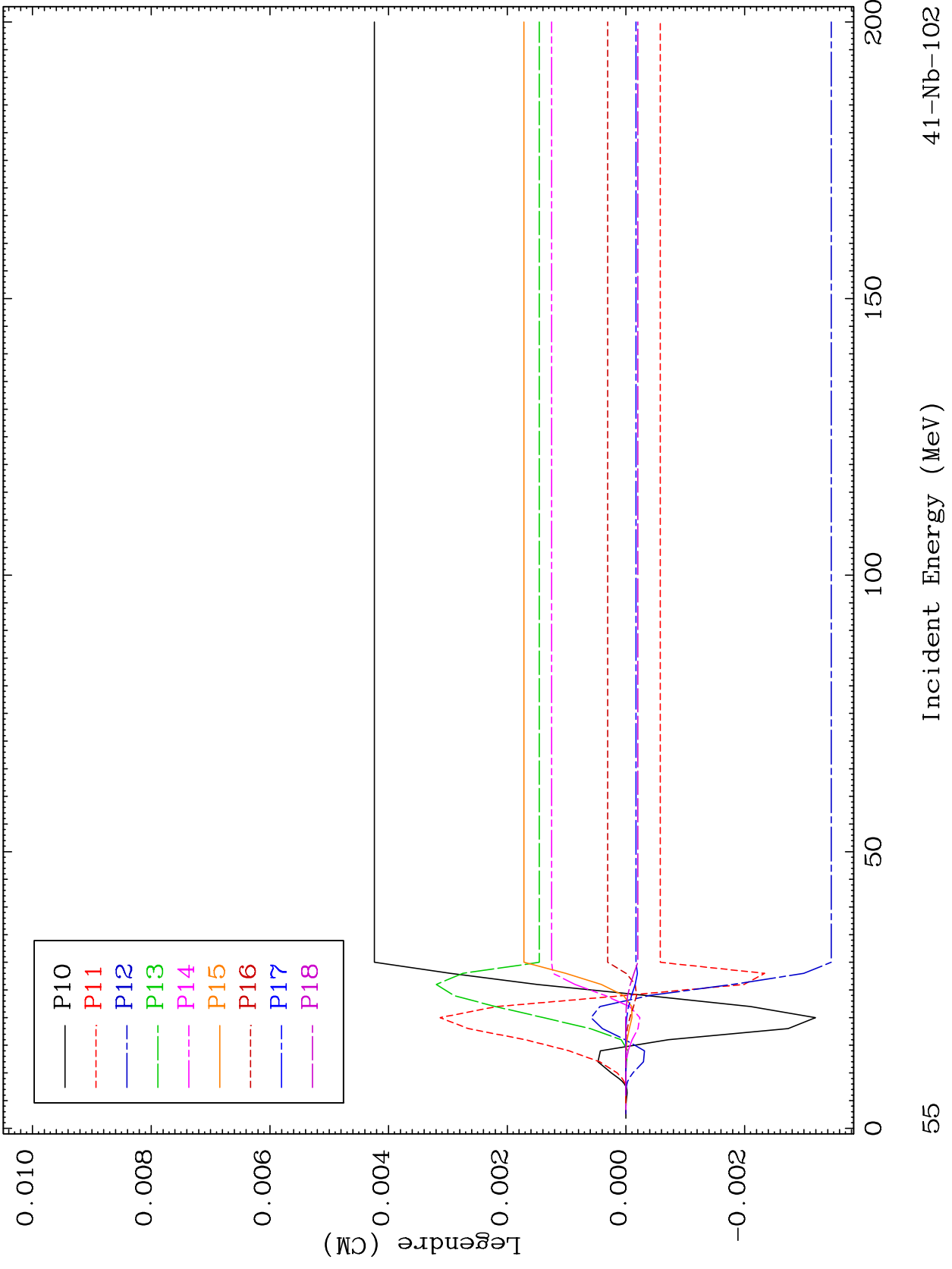


54

MAT 4152

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

41-Nb-102



55

Incident Energy (MeV)

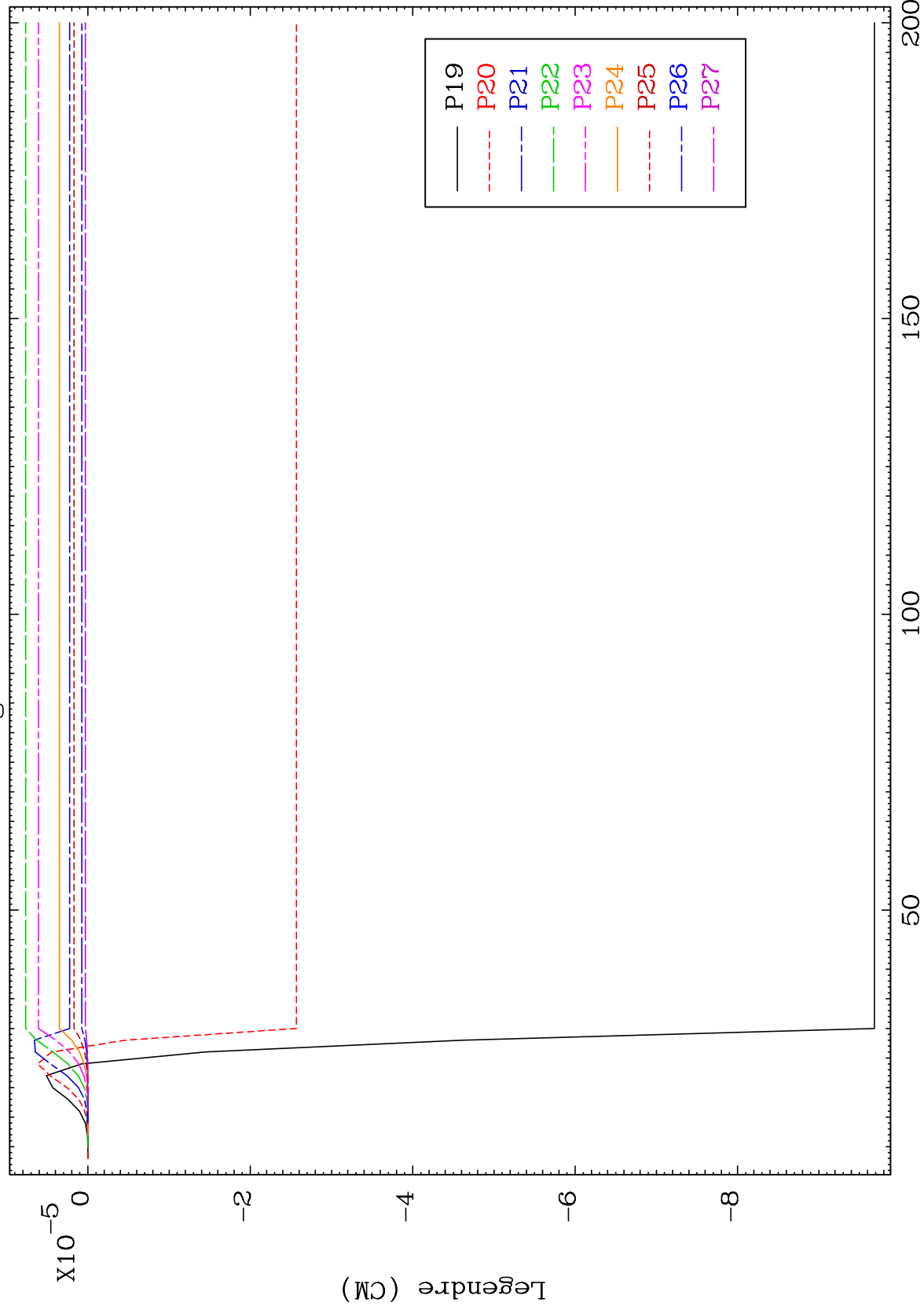
41-Nb-102



MAT 4152

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

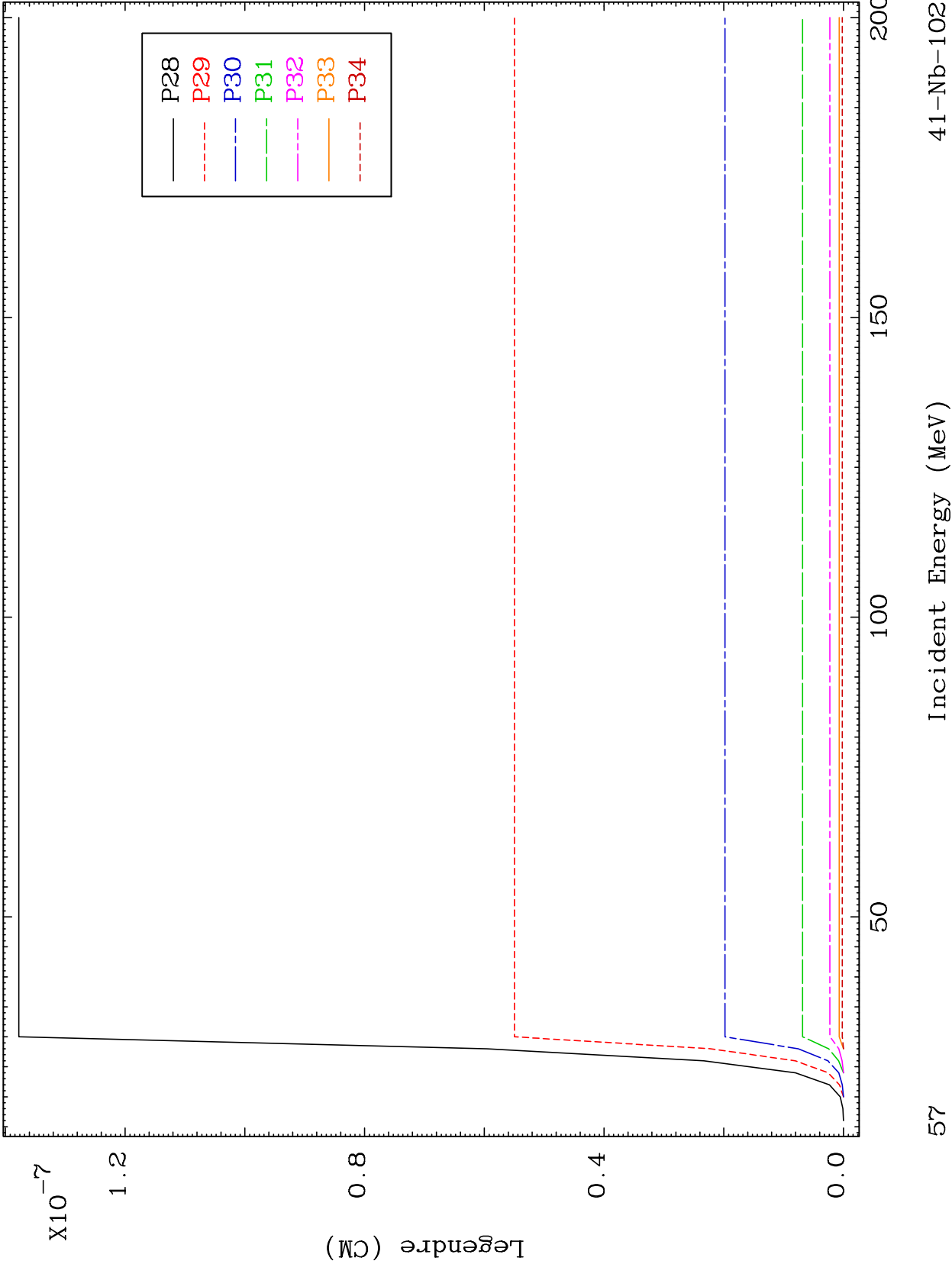
41-Nb-102



56

Incident Energy (MeV)

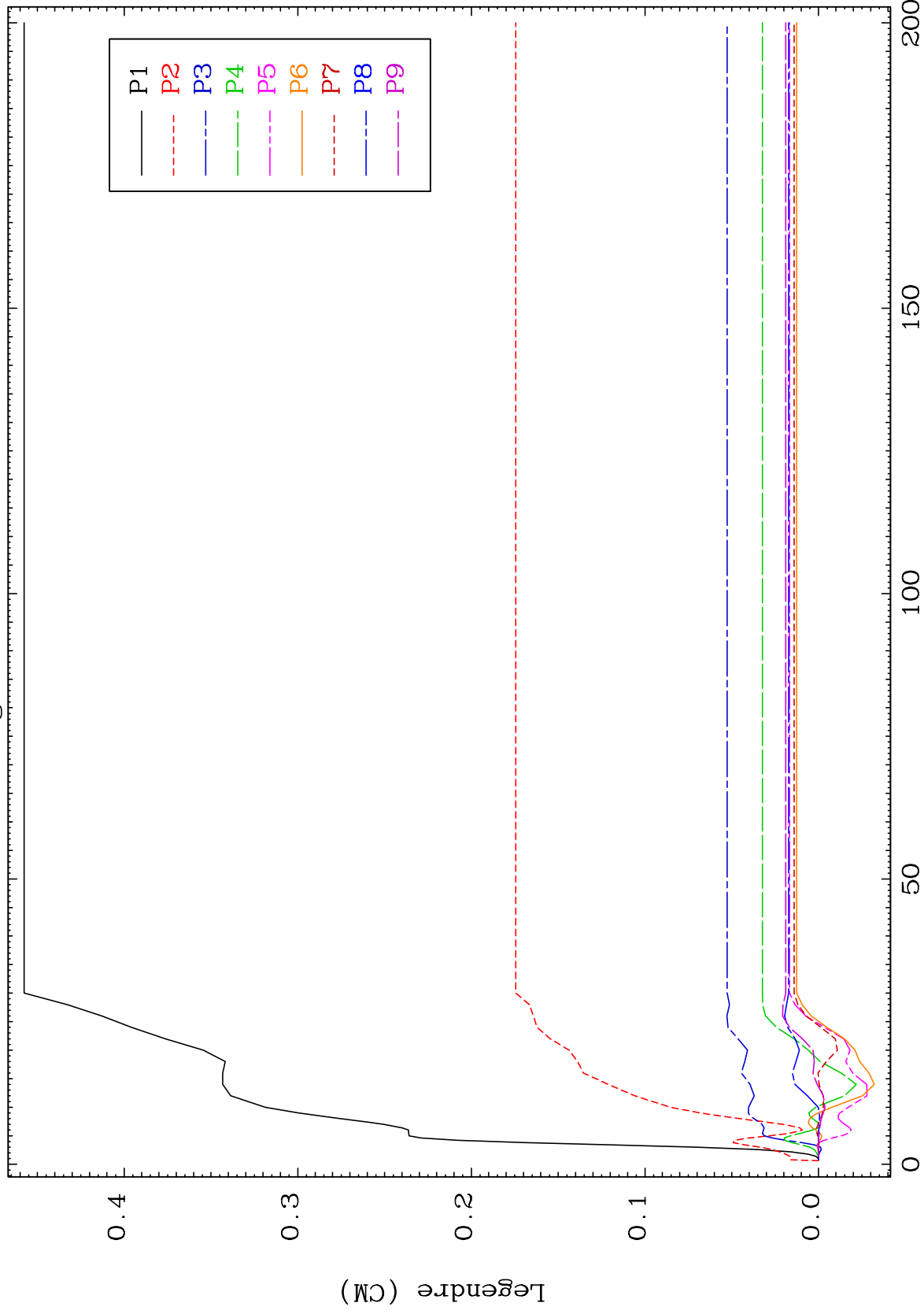
41-Nb-102



MAT 4152

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

41-Nb-102



58

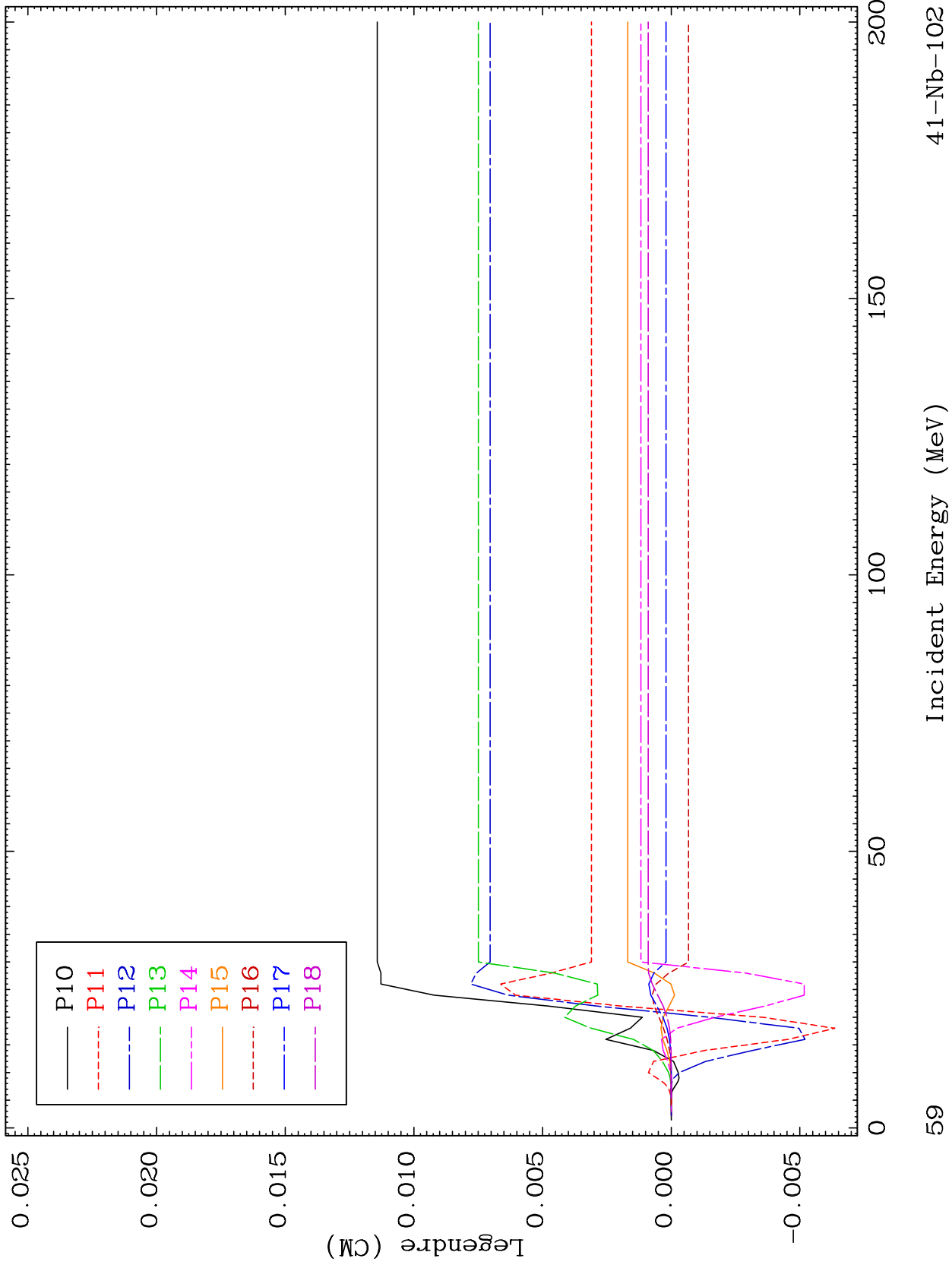
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102



41-Nb-102

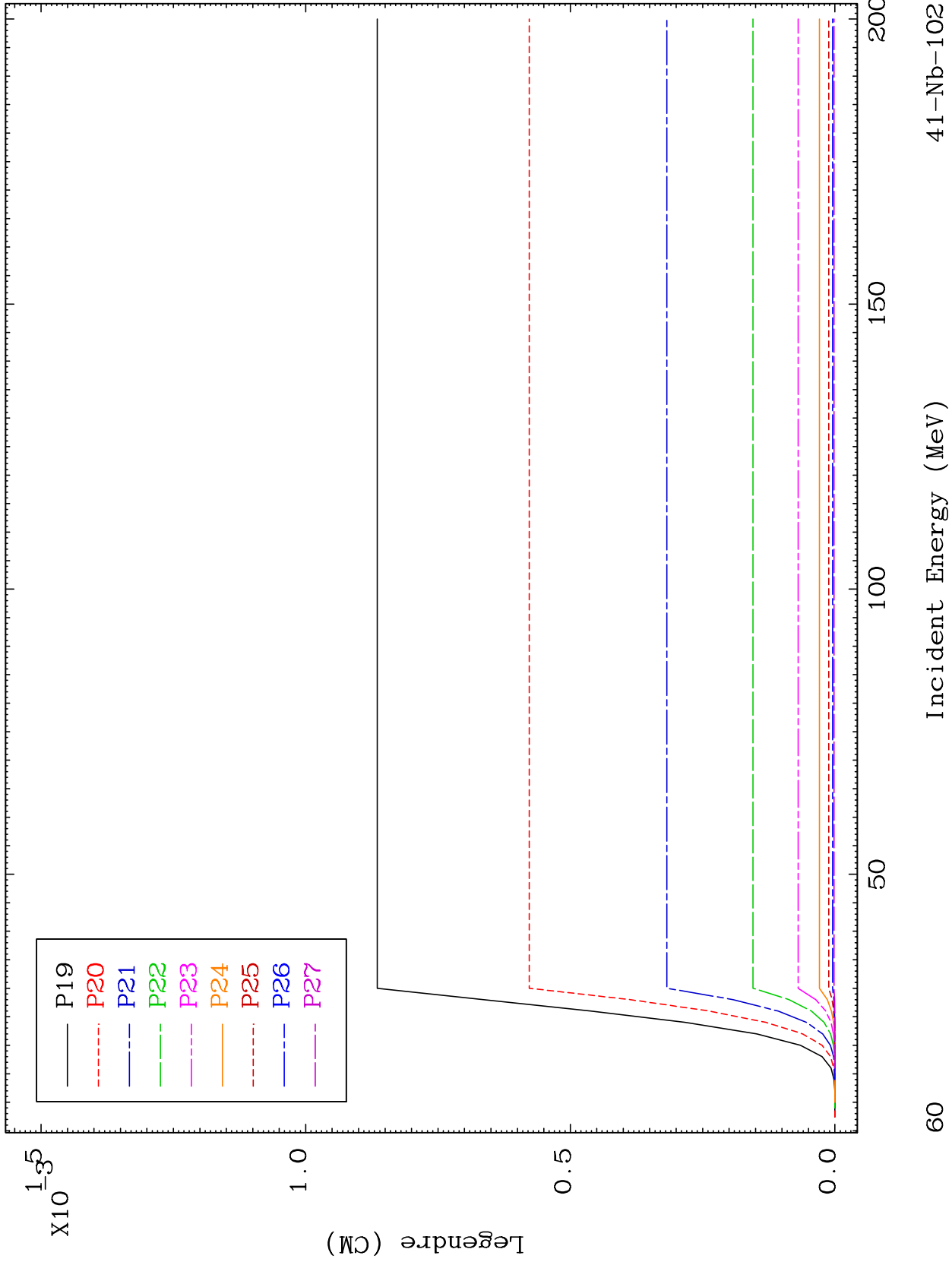
Incident Energy (MeV)

59

MAT 4152

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

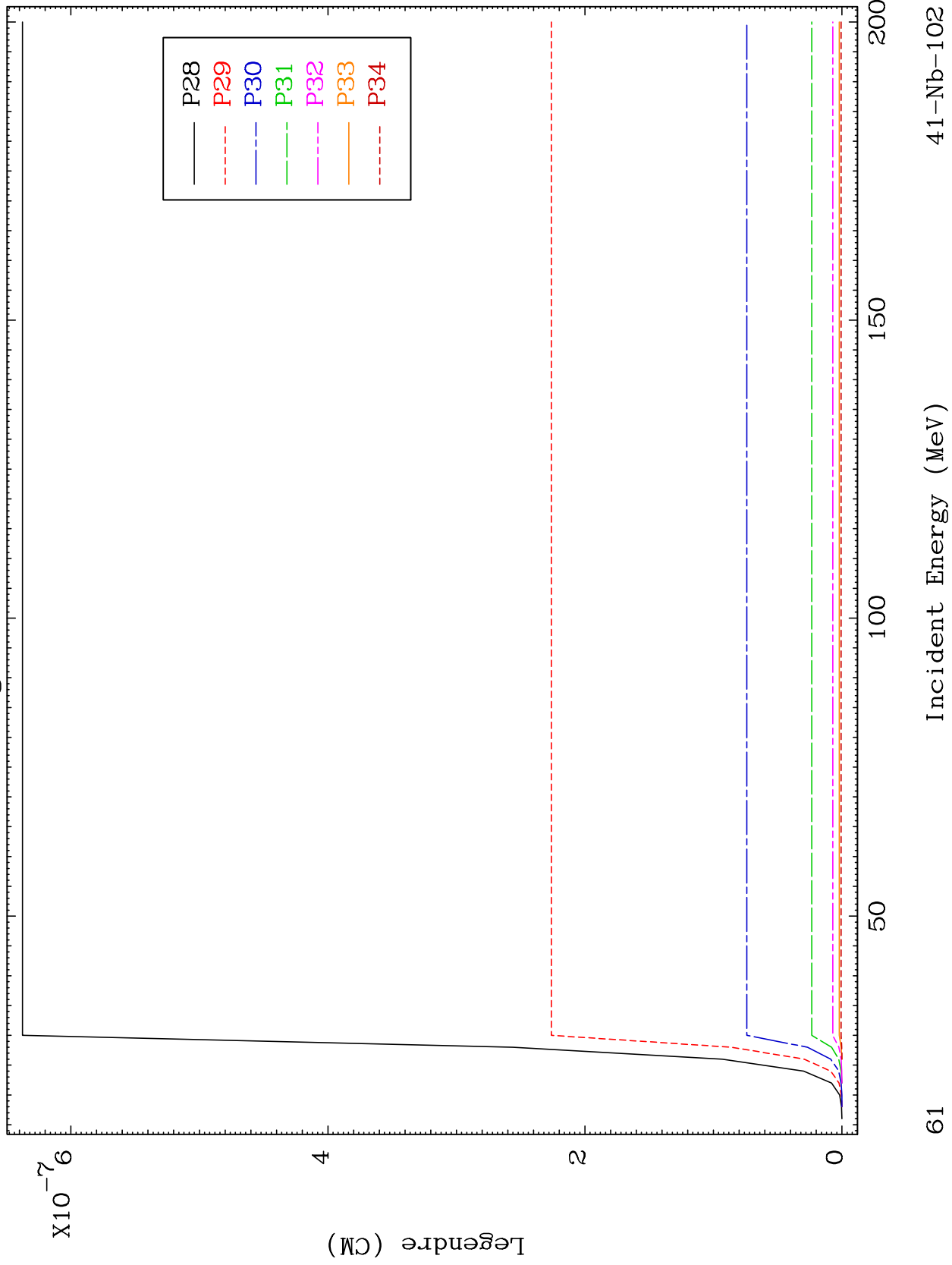
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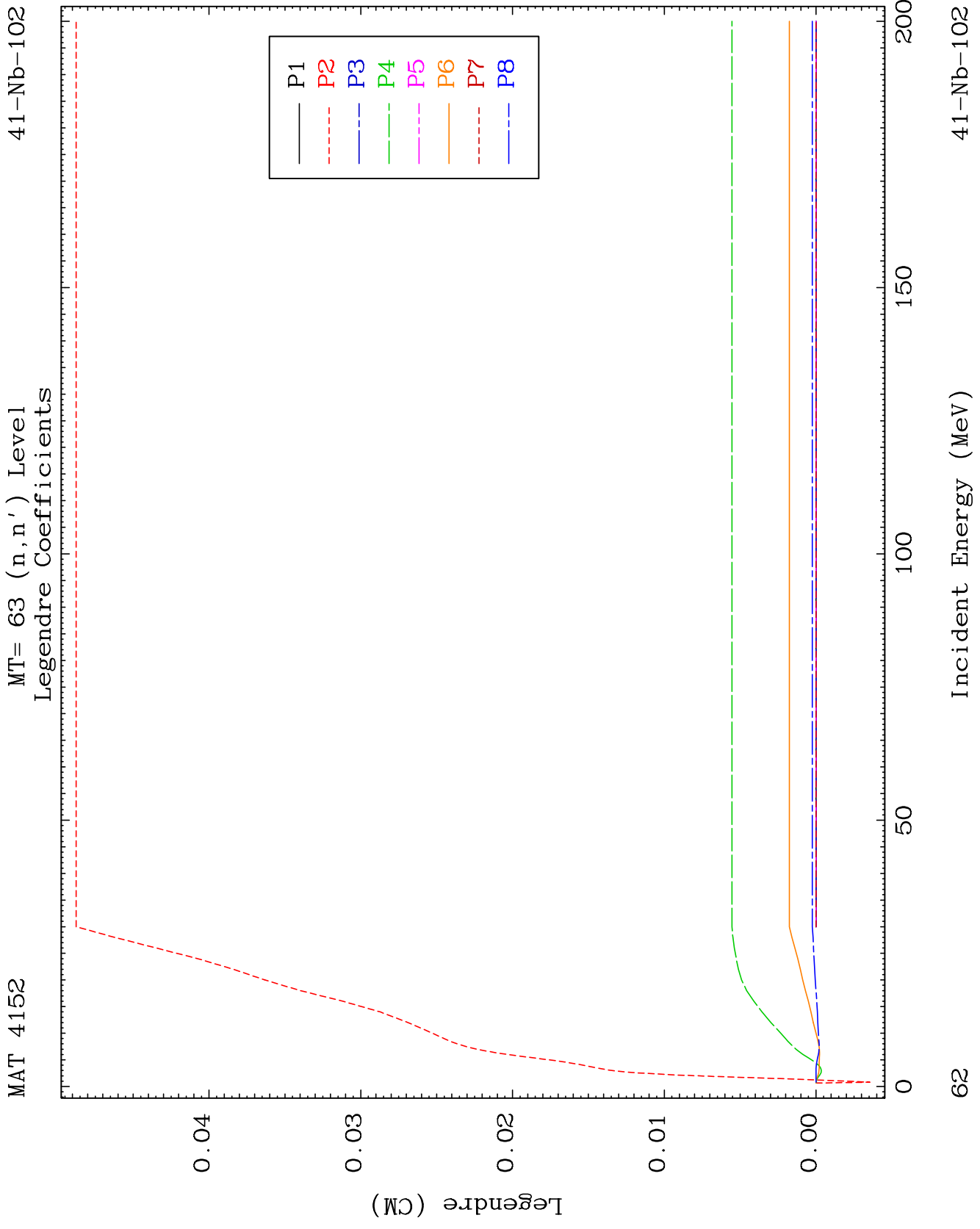


MAT 4152

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

41-Nb-102

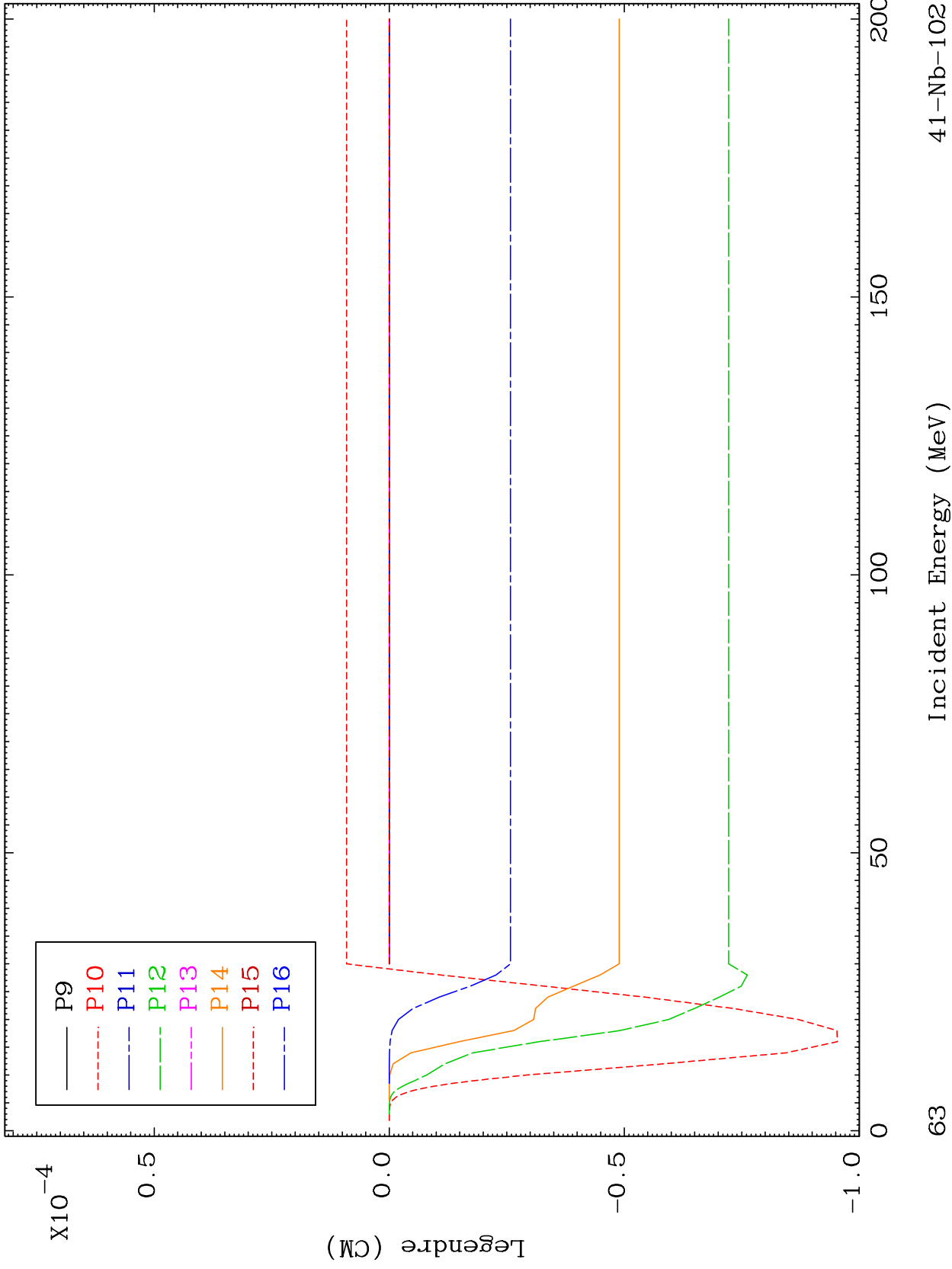




MAT 4152

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

41-Nb-102

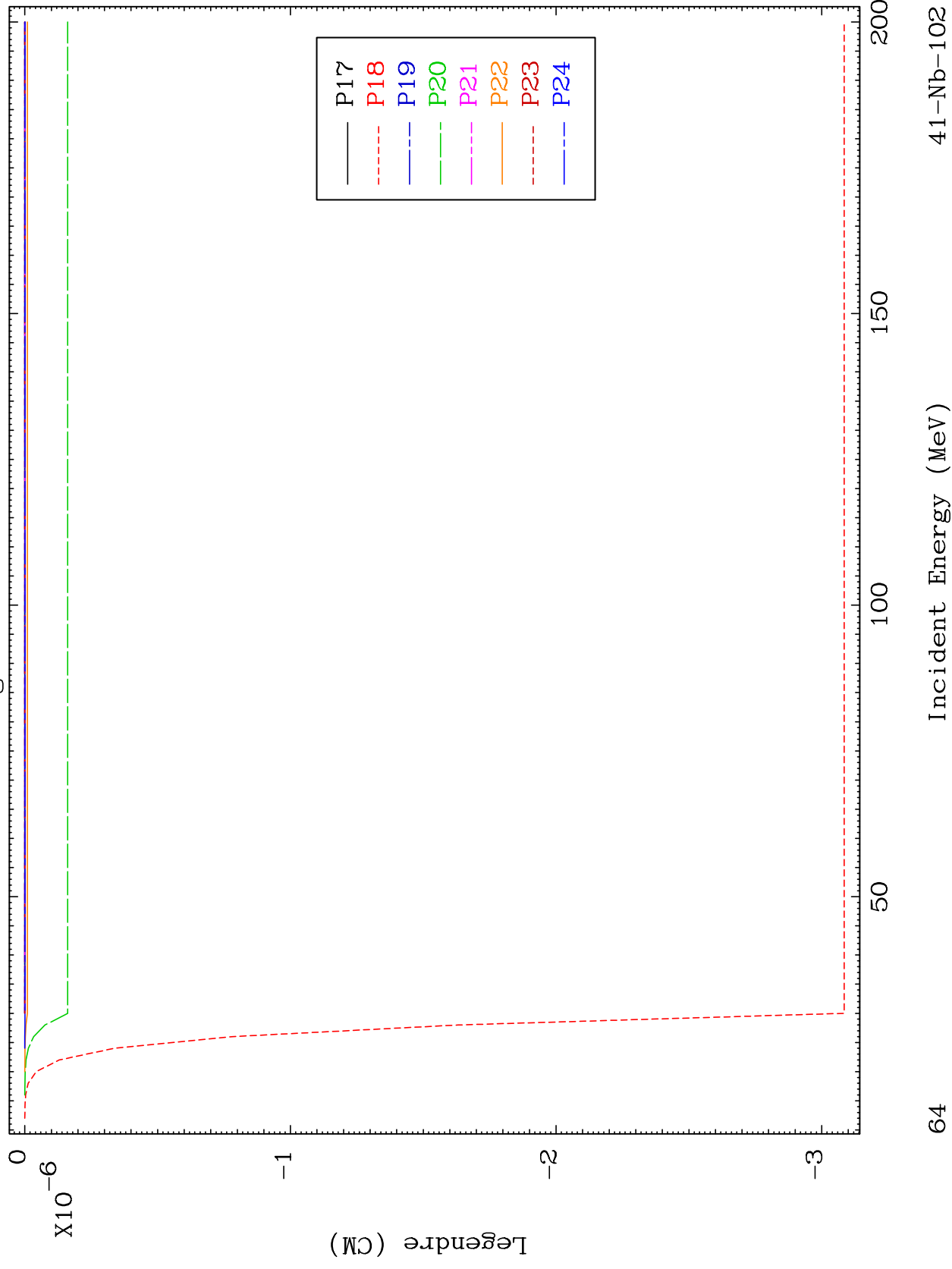




MAT 4152

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

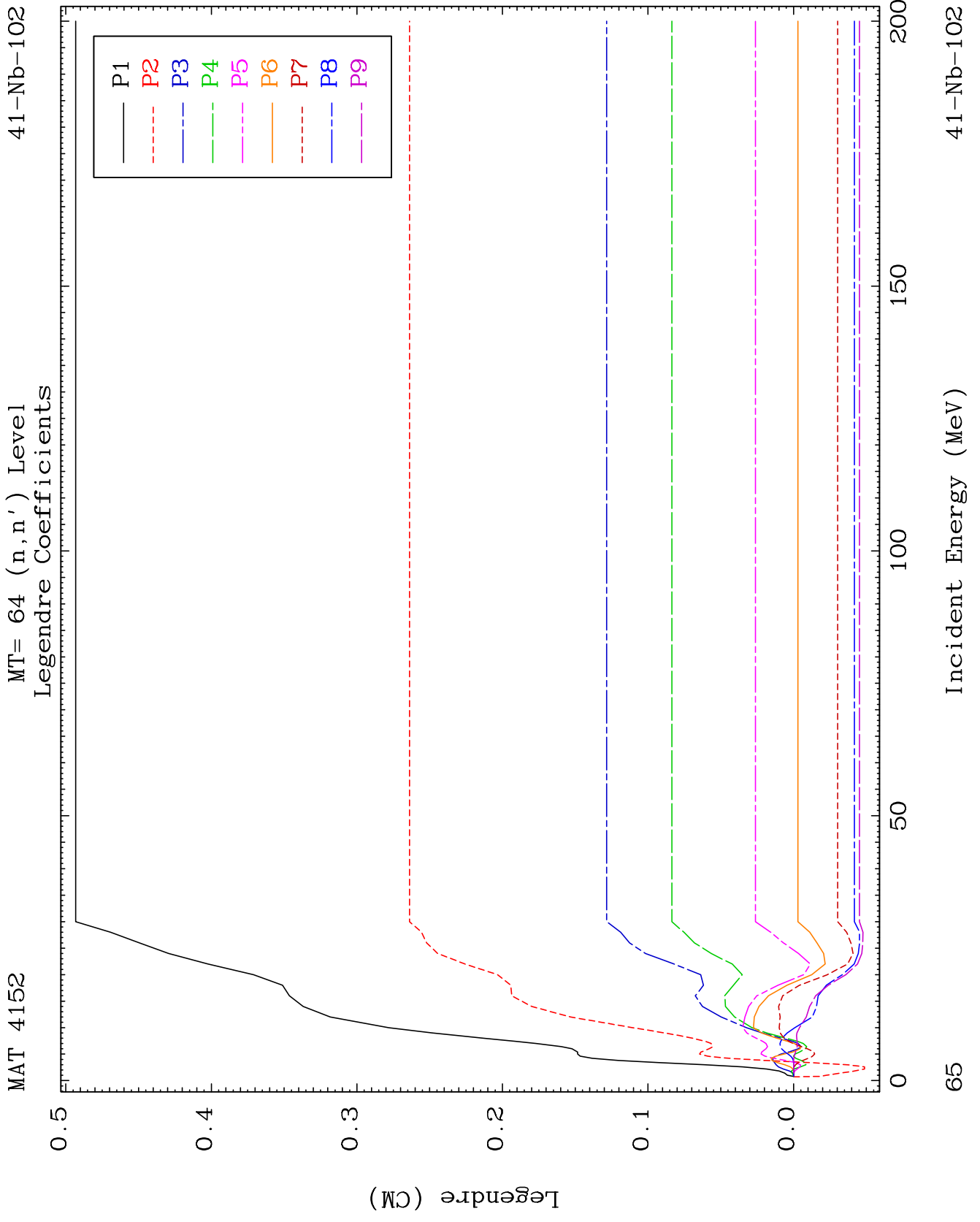
41-Nb-102



64

Incident Energy (MeV)

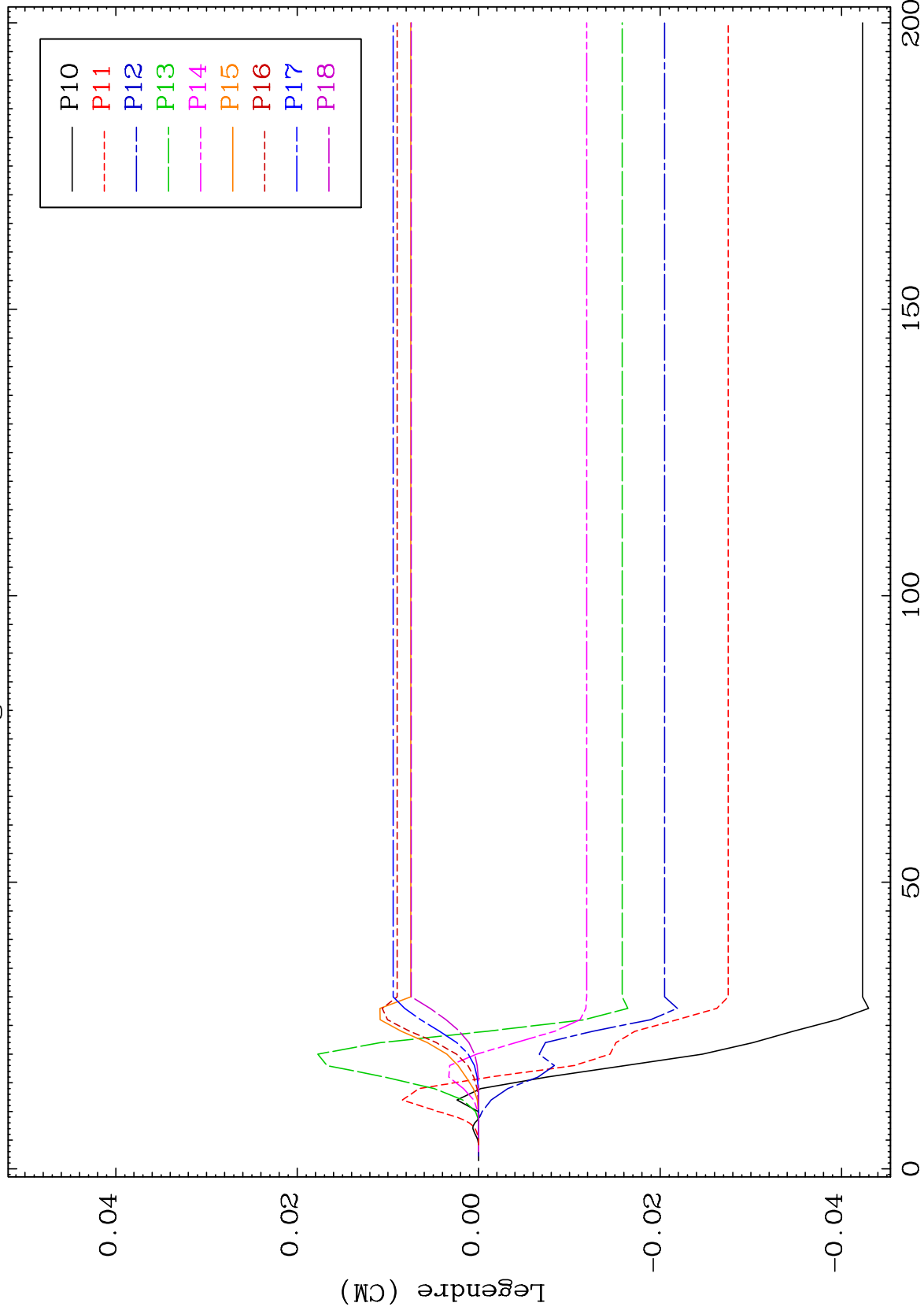
41-Nb-102



MAT 4152

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

41-Nb-102



66

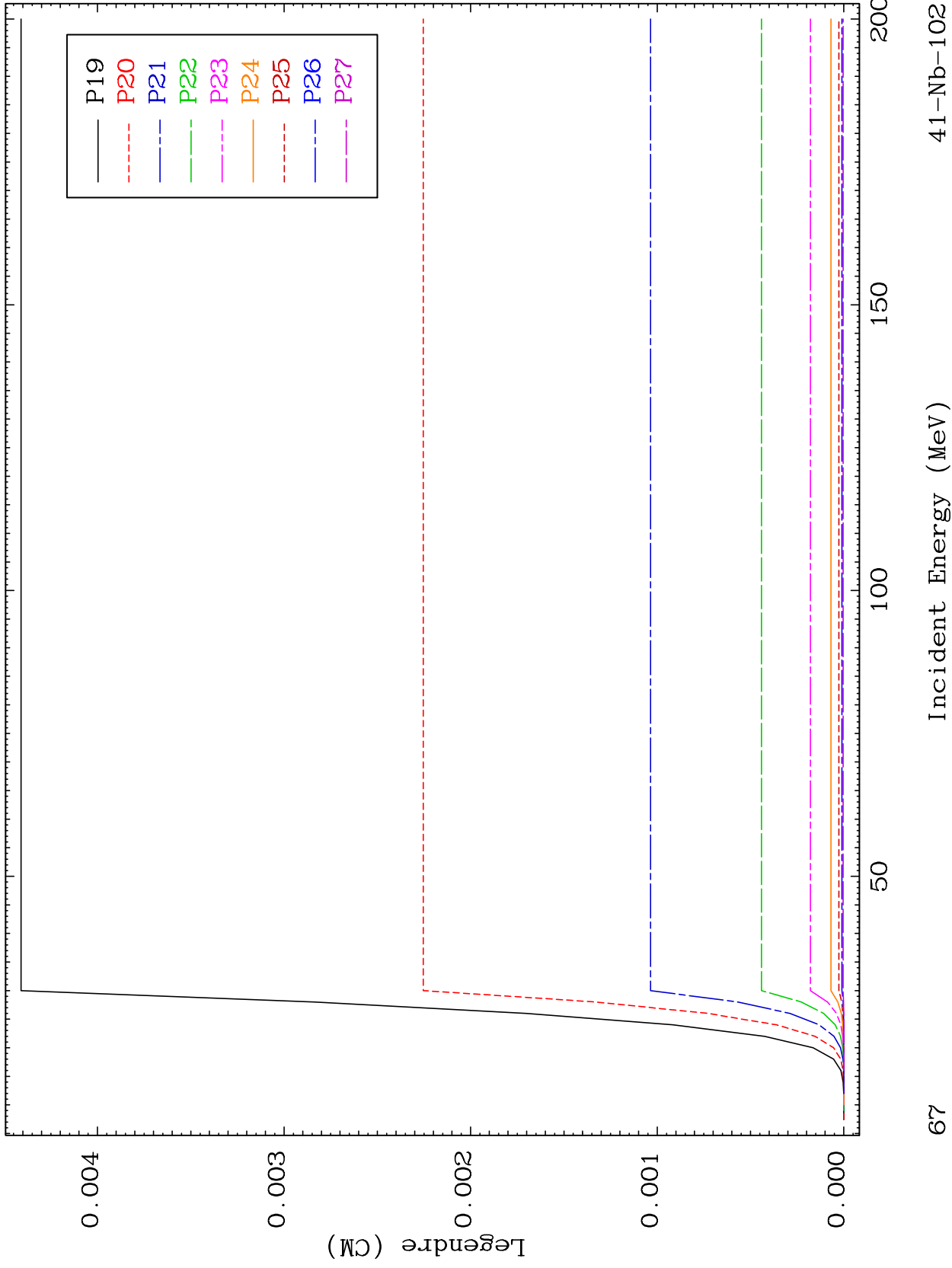
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102



67

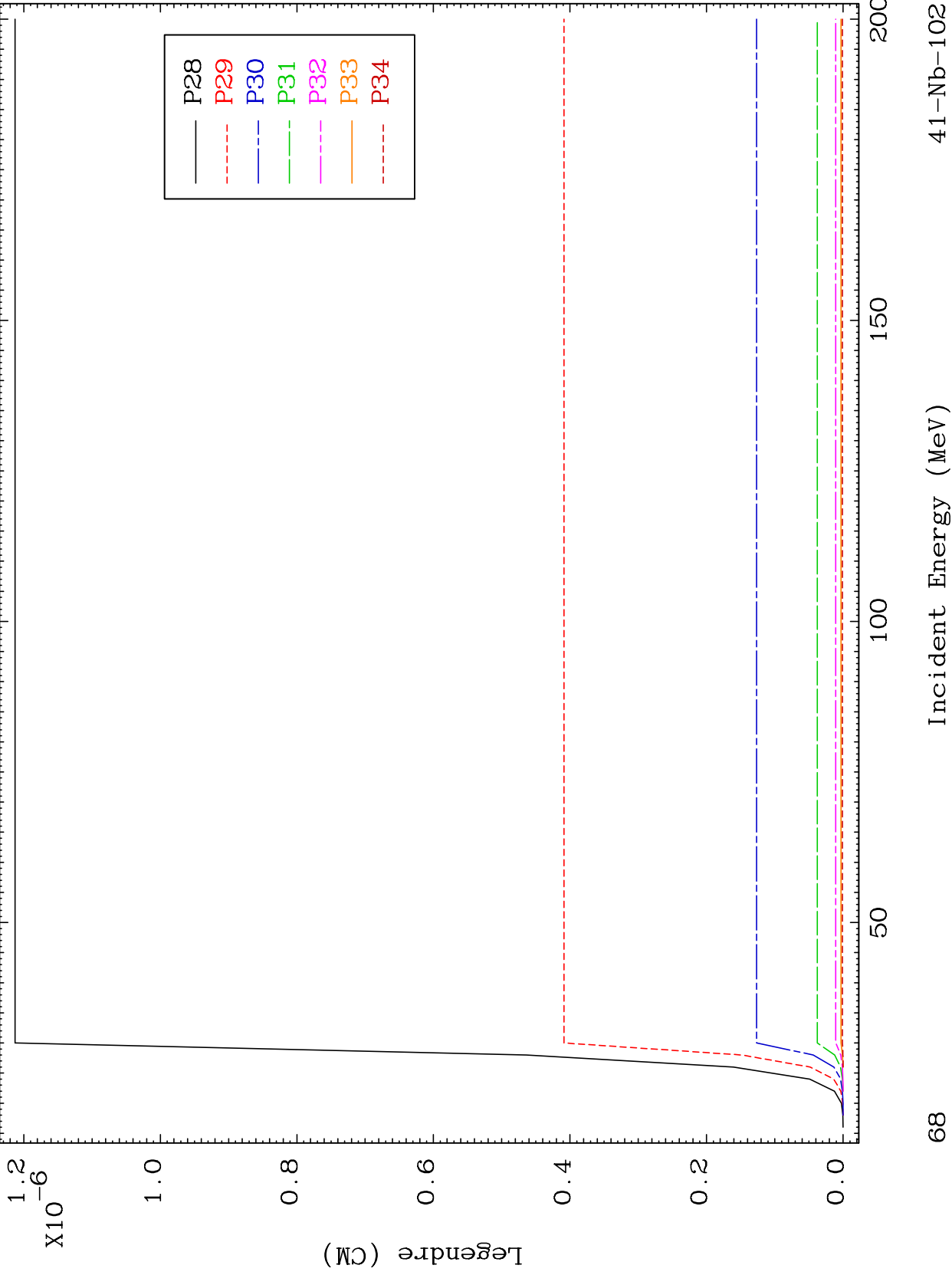
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102

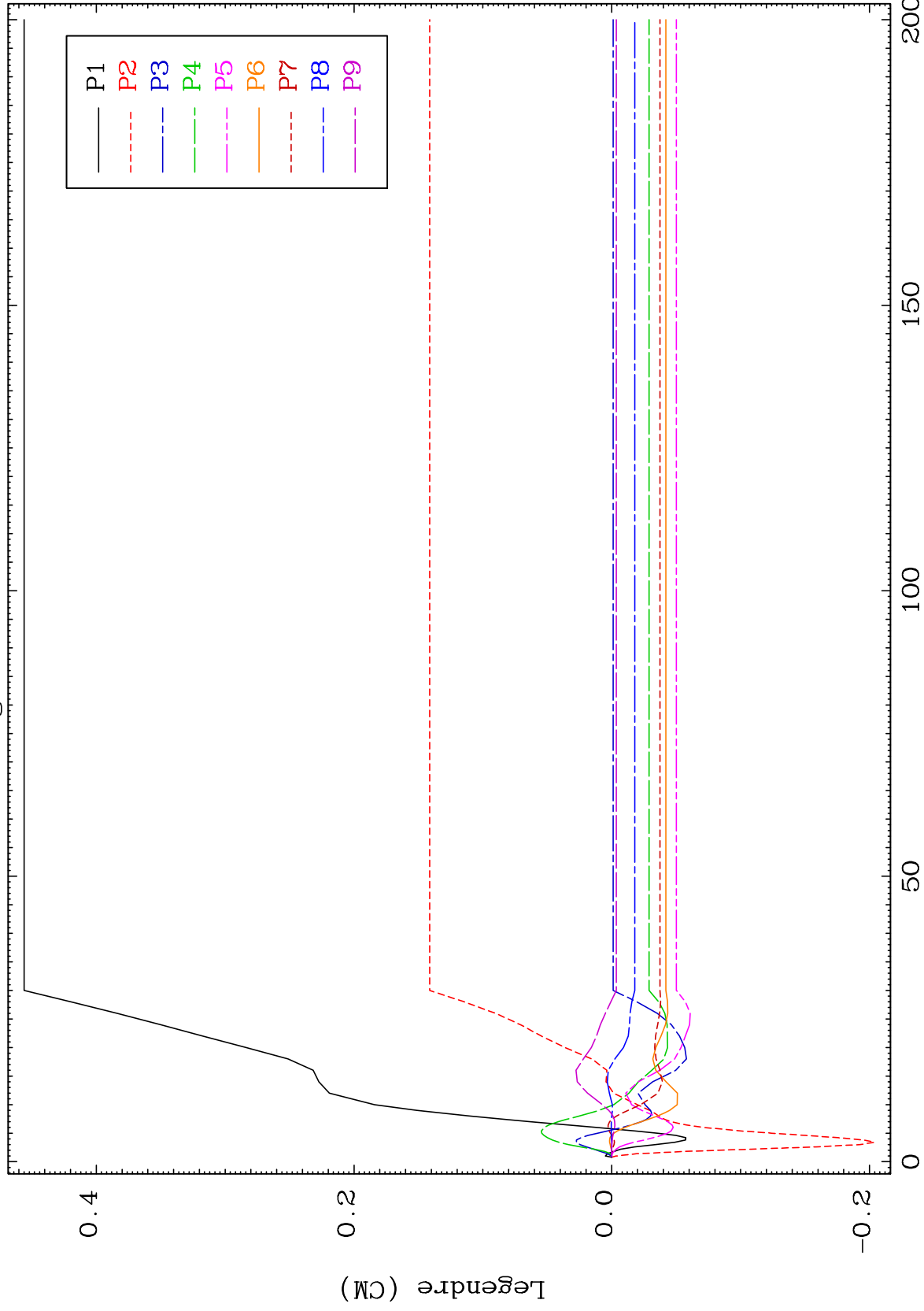


68

MAT 4152

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

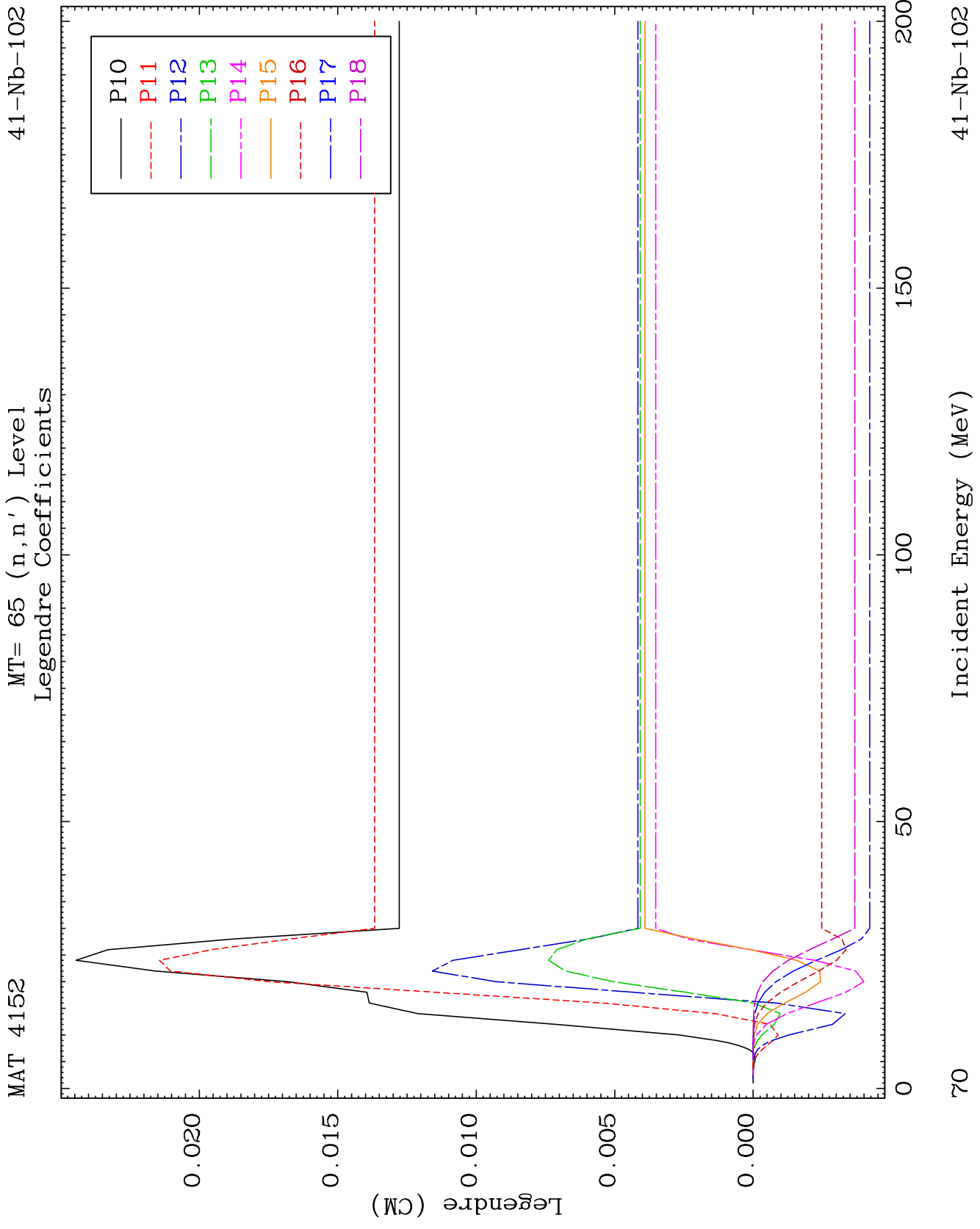
41-Nb-102



69

Incident Energy (MeV)

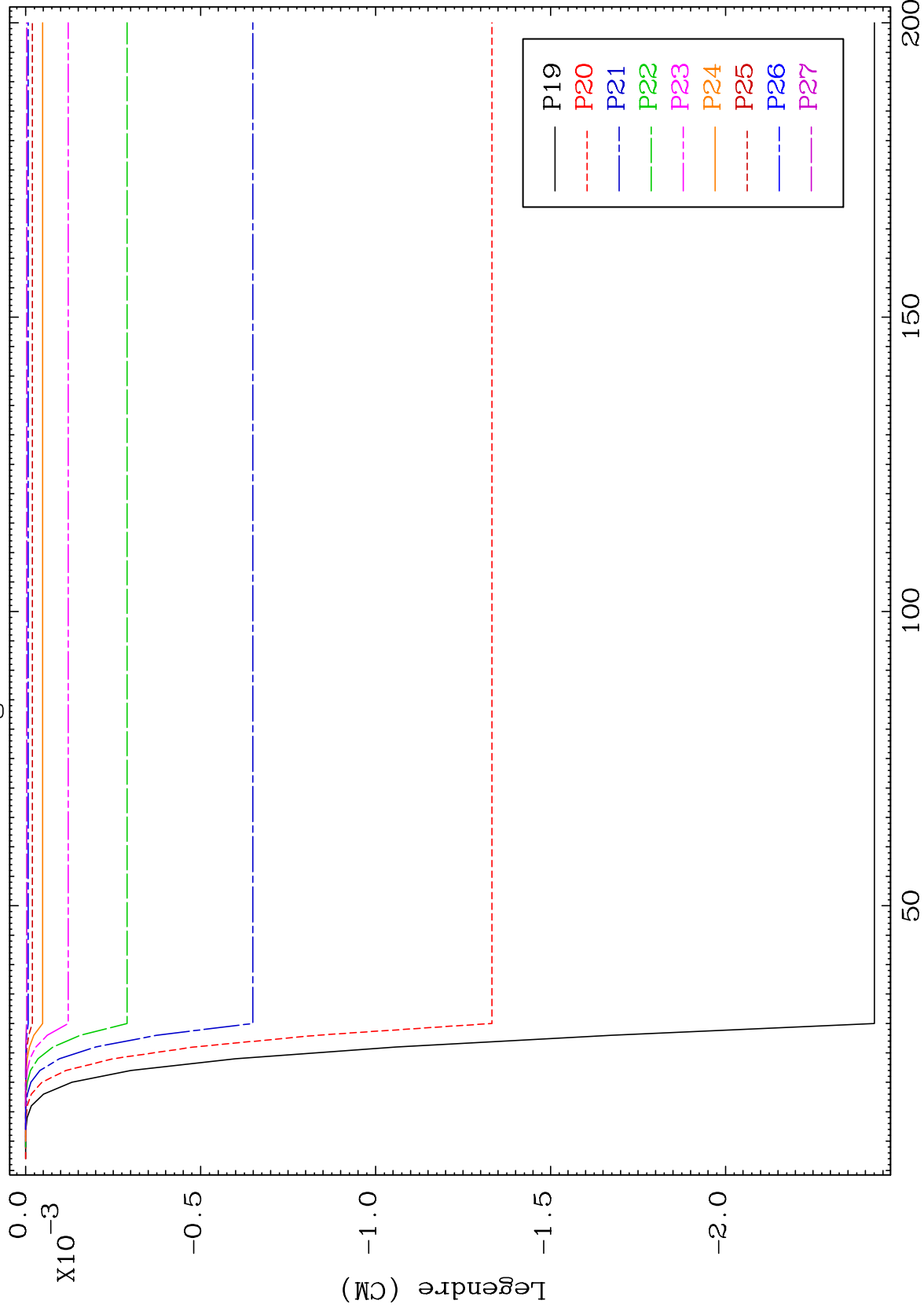
41-Nb-102



MAT 4152

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

41-Nb-102



71

Incident Energy (MeV)

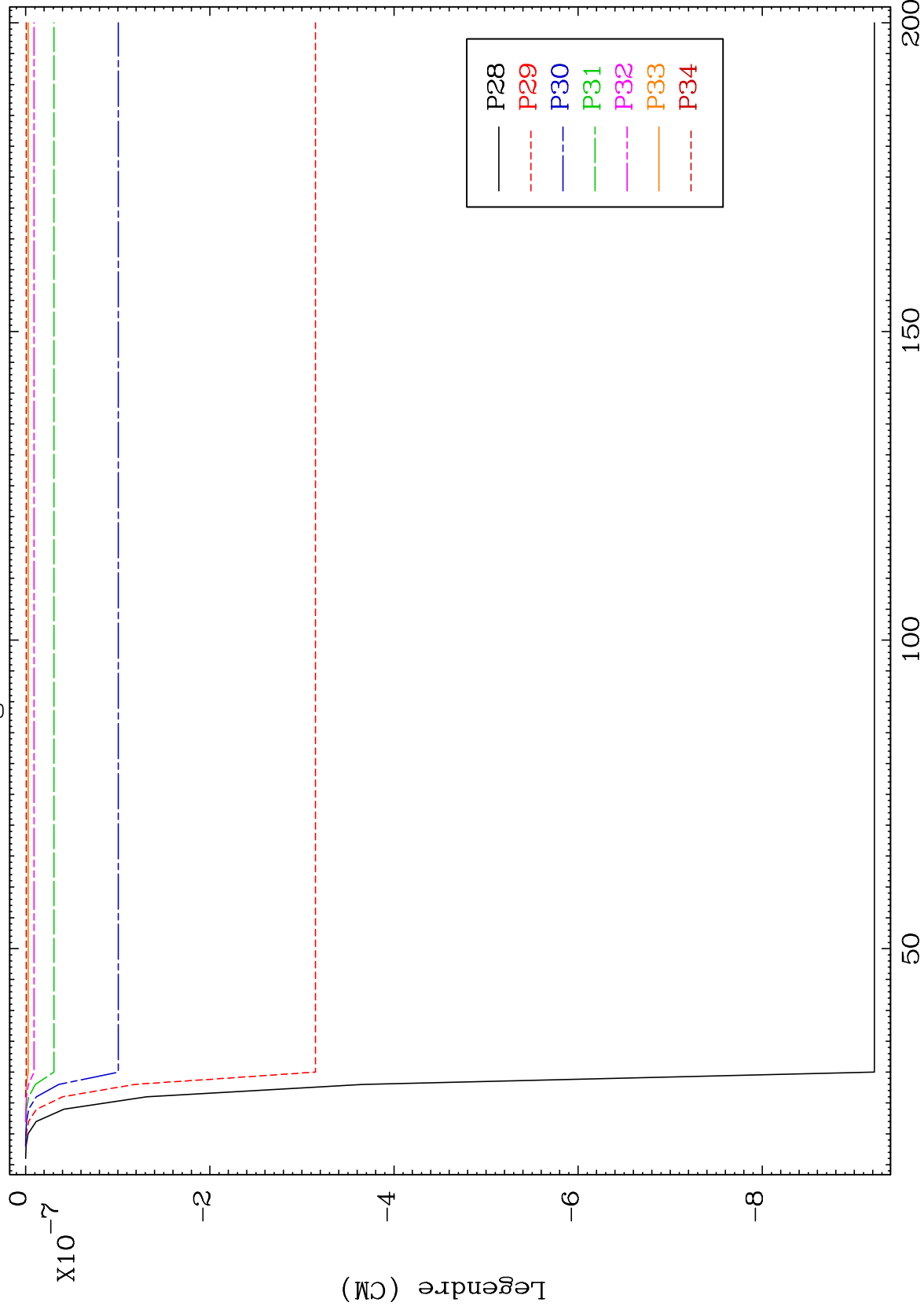
41-Nb-102



MAT 4152

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

41-Nb-102



72

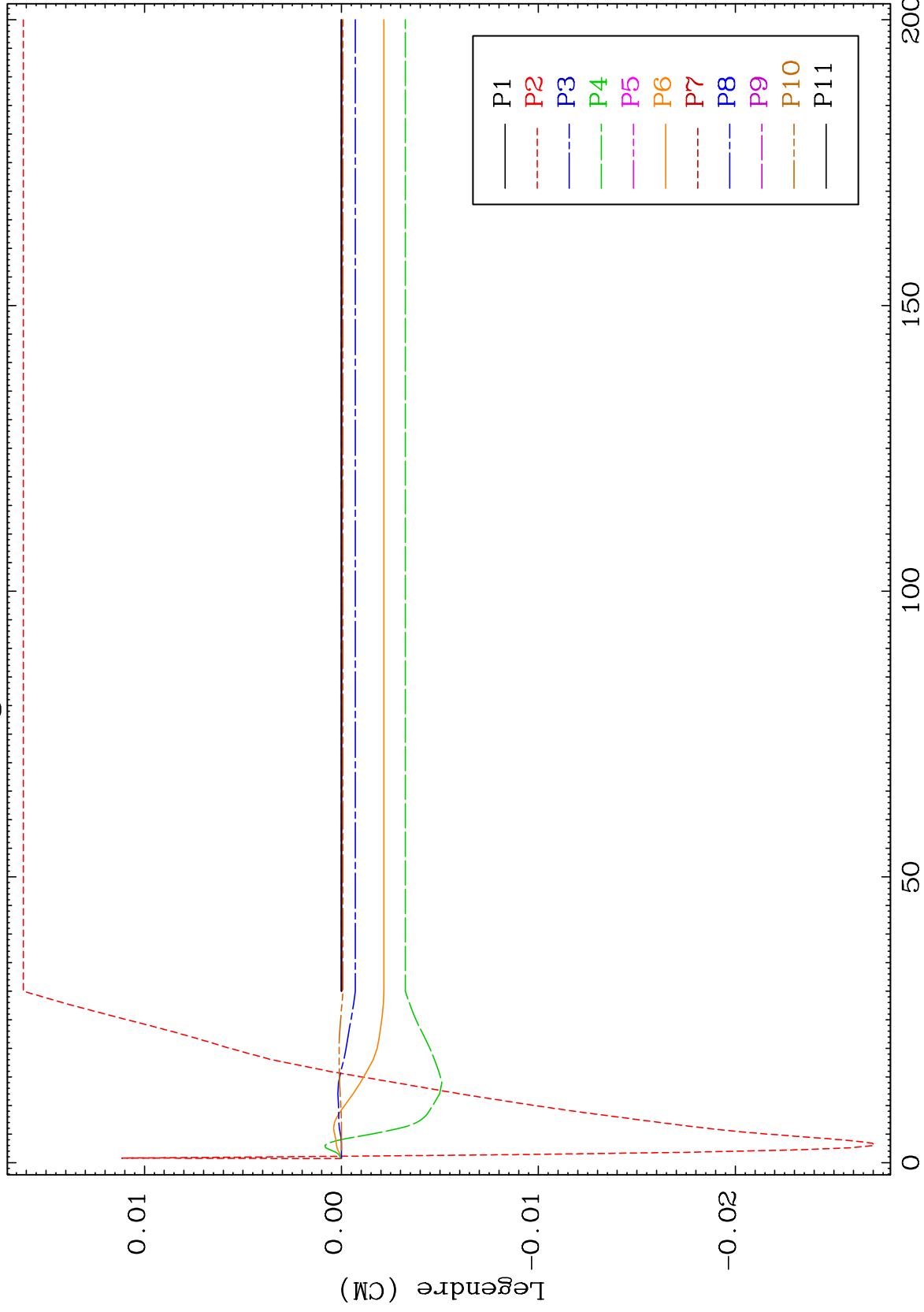
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

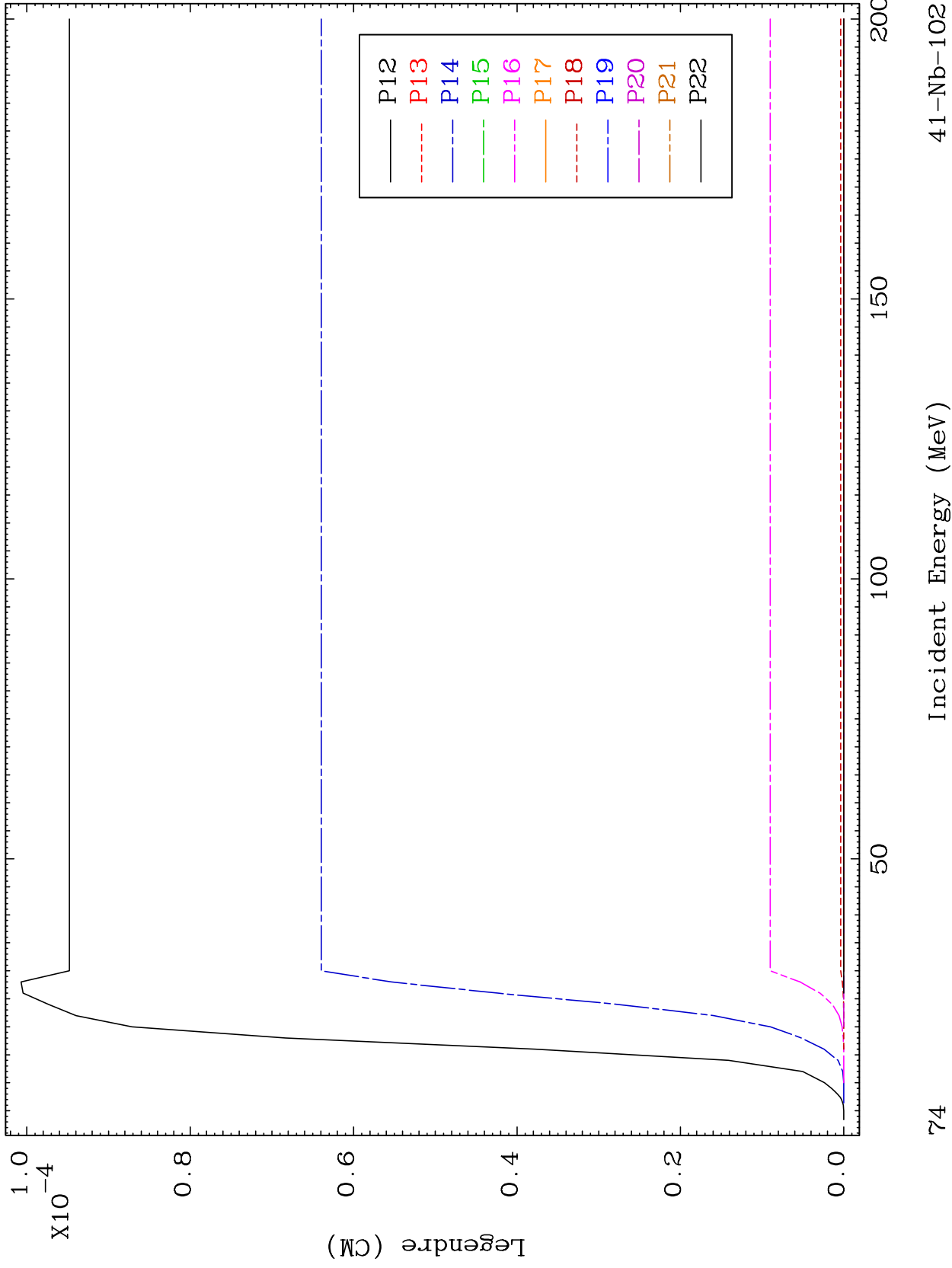
41-Nb-102



73

Incident Energy (MeV)

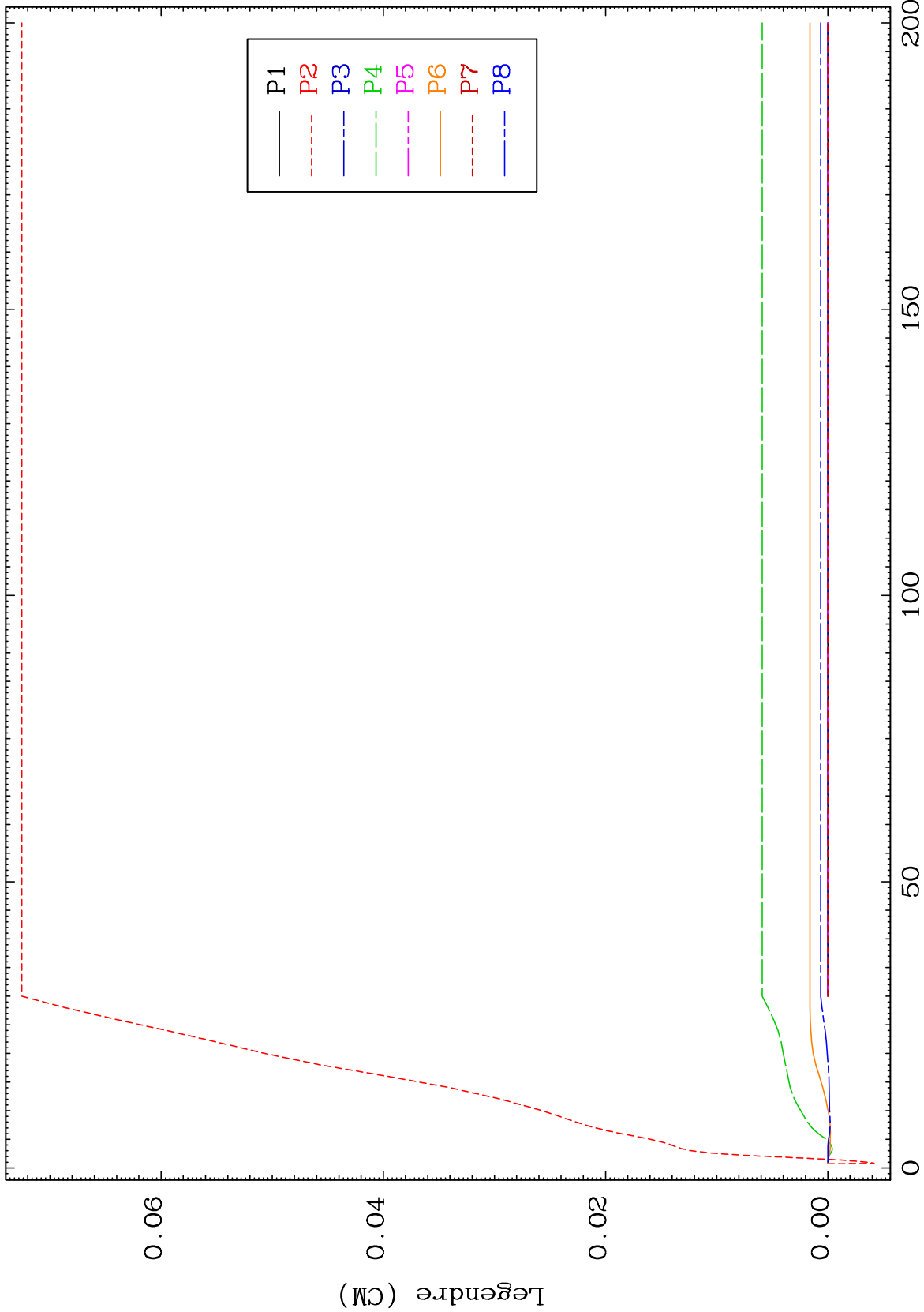
41-Nb-102



MAT 4152

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

41-Nb-102



41-Nb-102

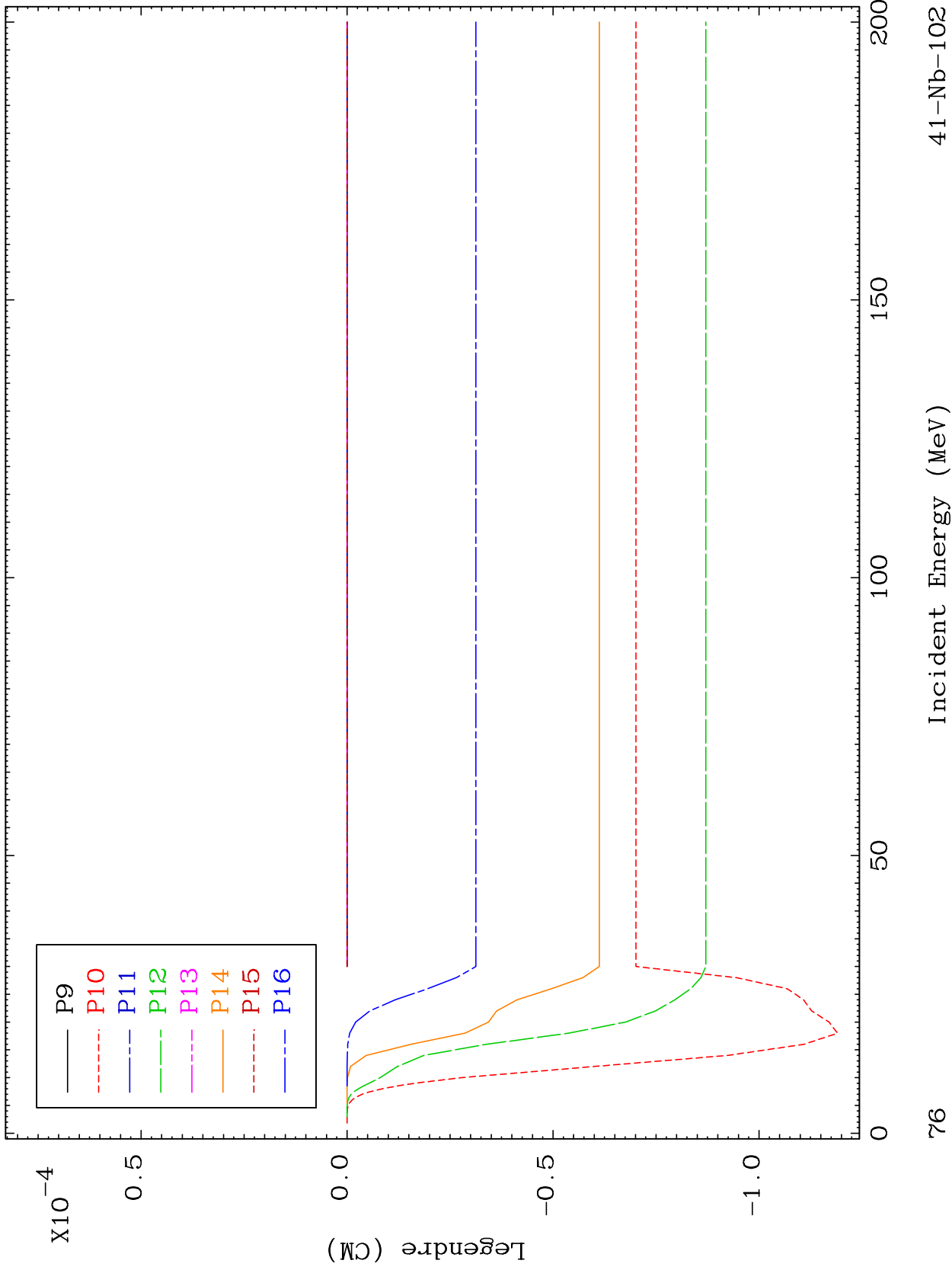
Incident Energy (MeV)

75

MAT 4152

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

41-Nb-102



76

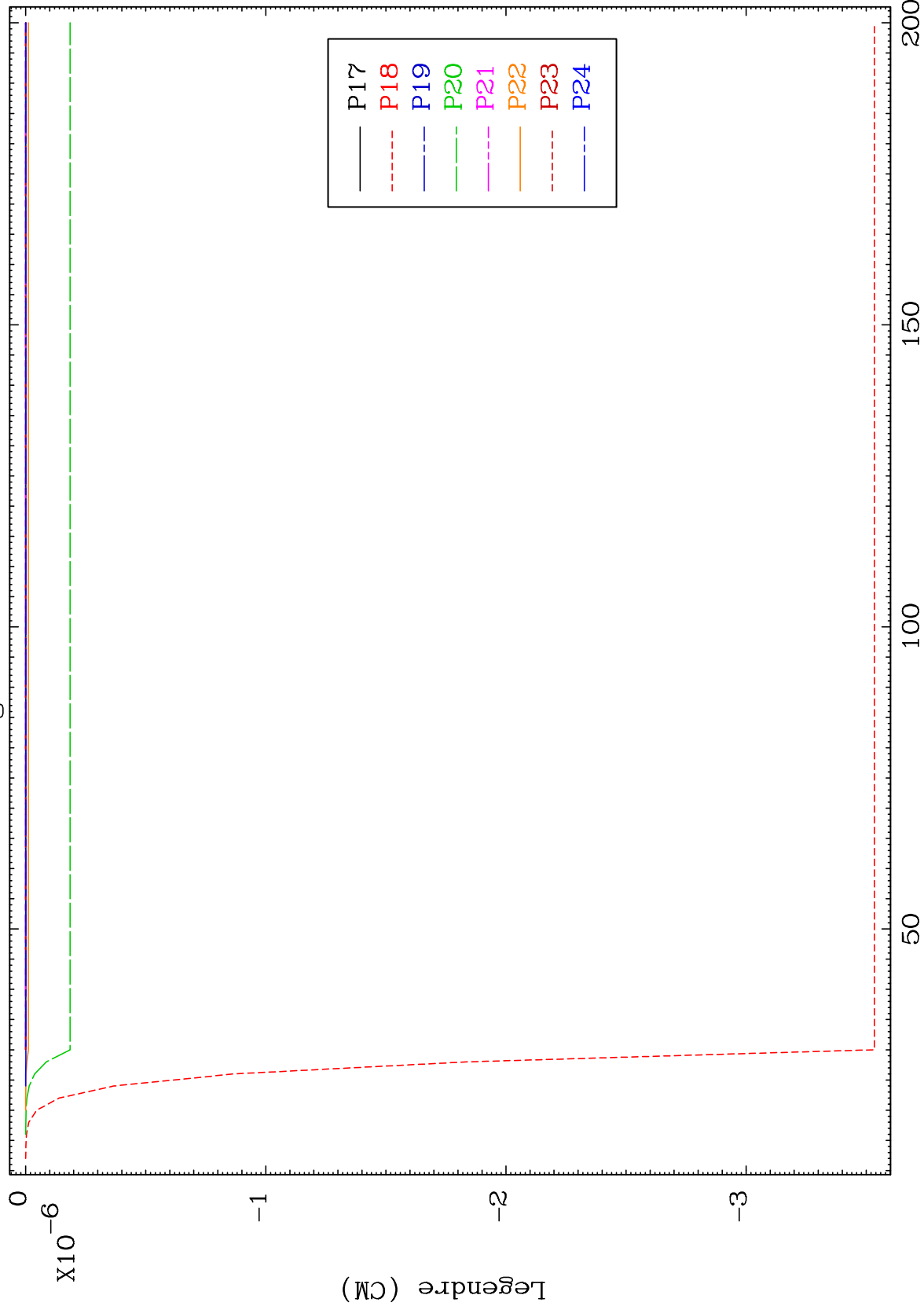
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102



77

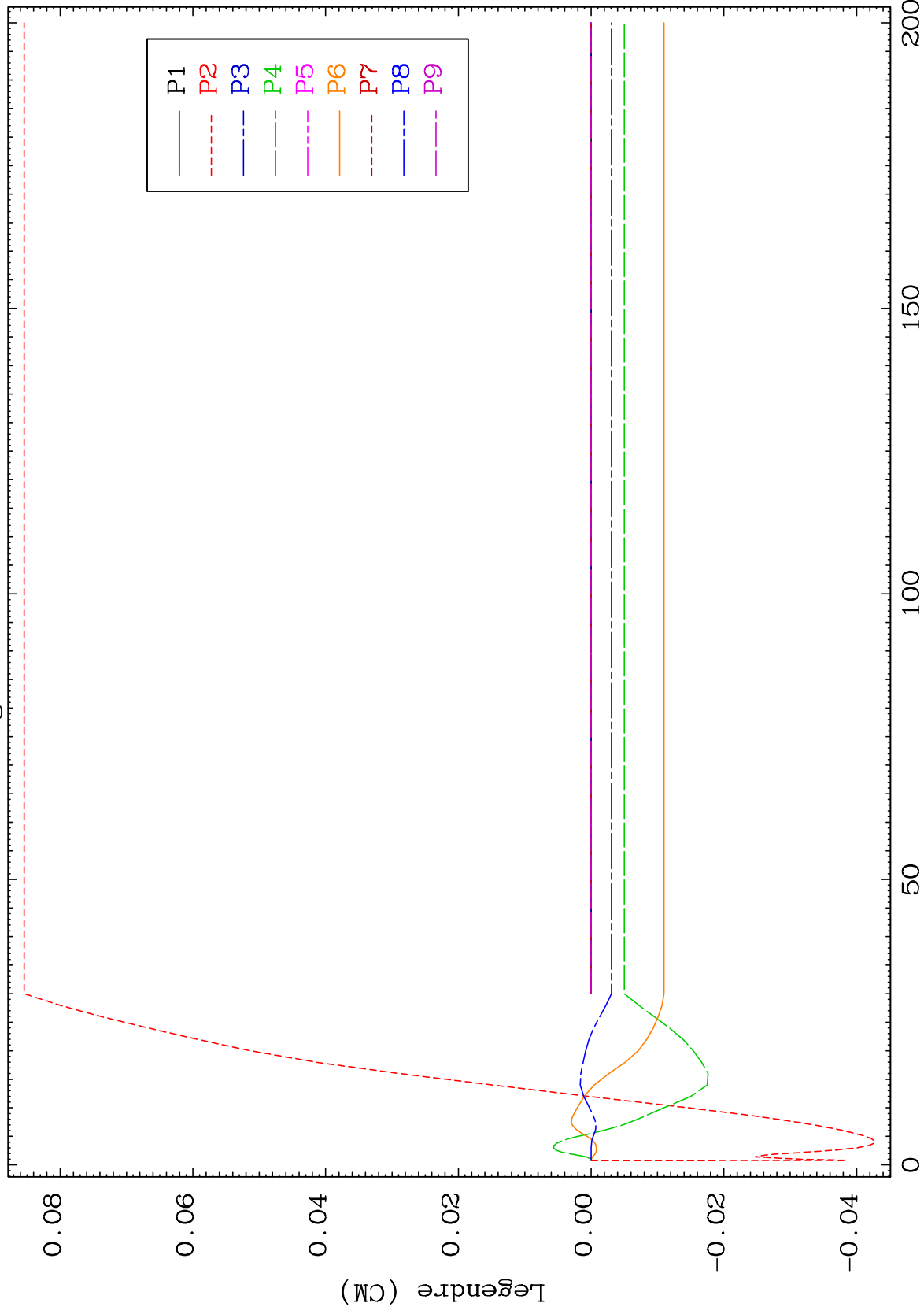
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102



78

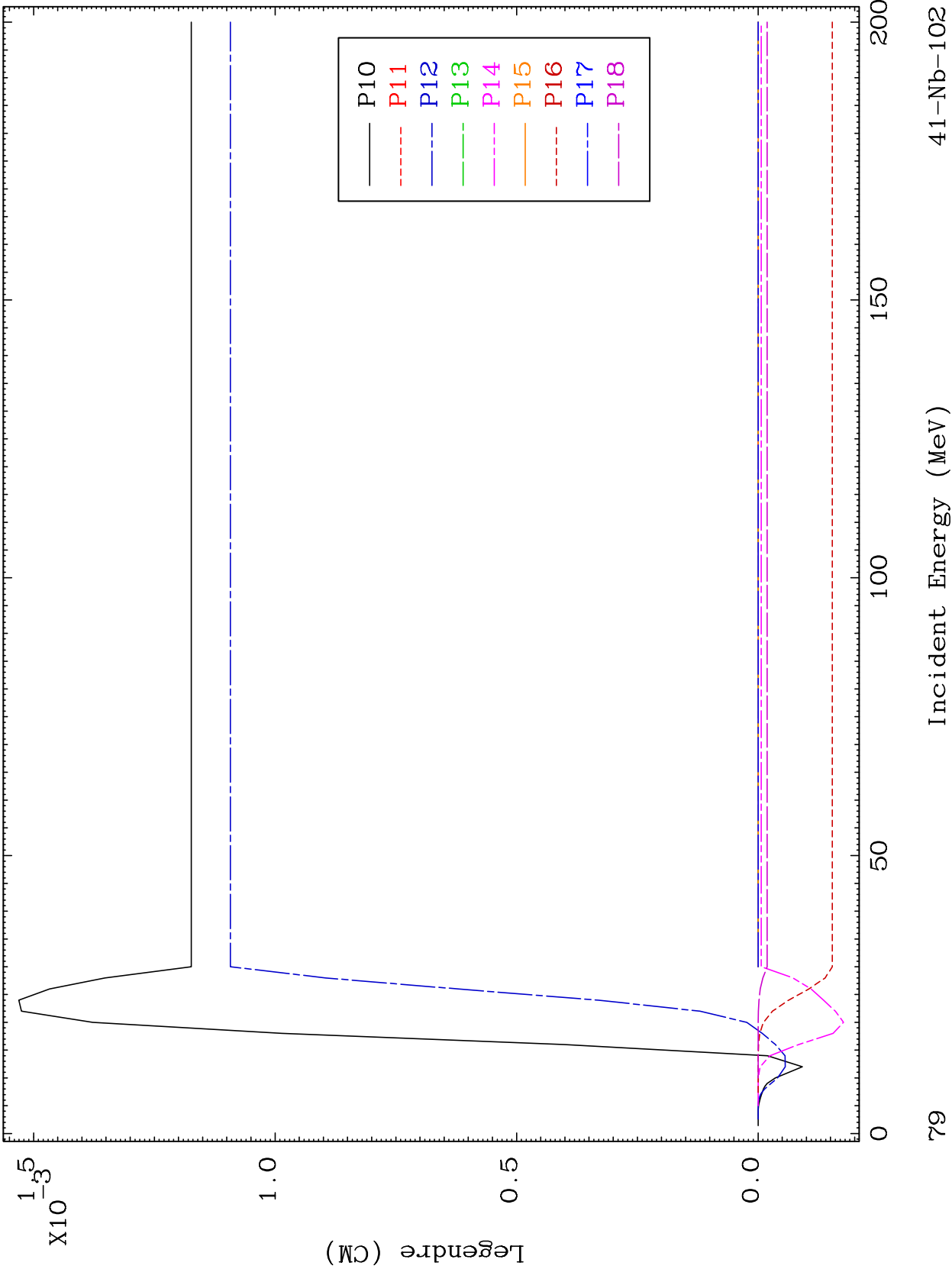
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102

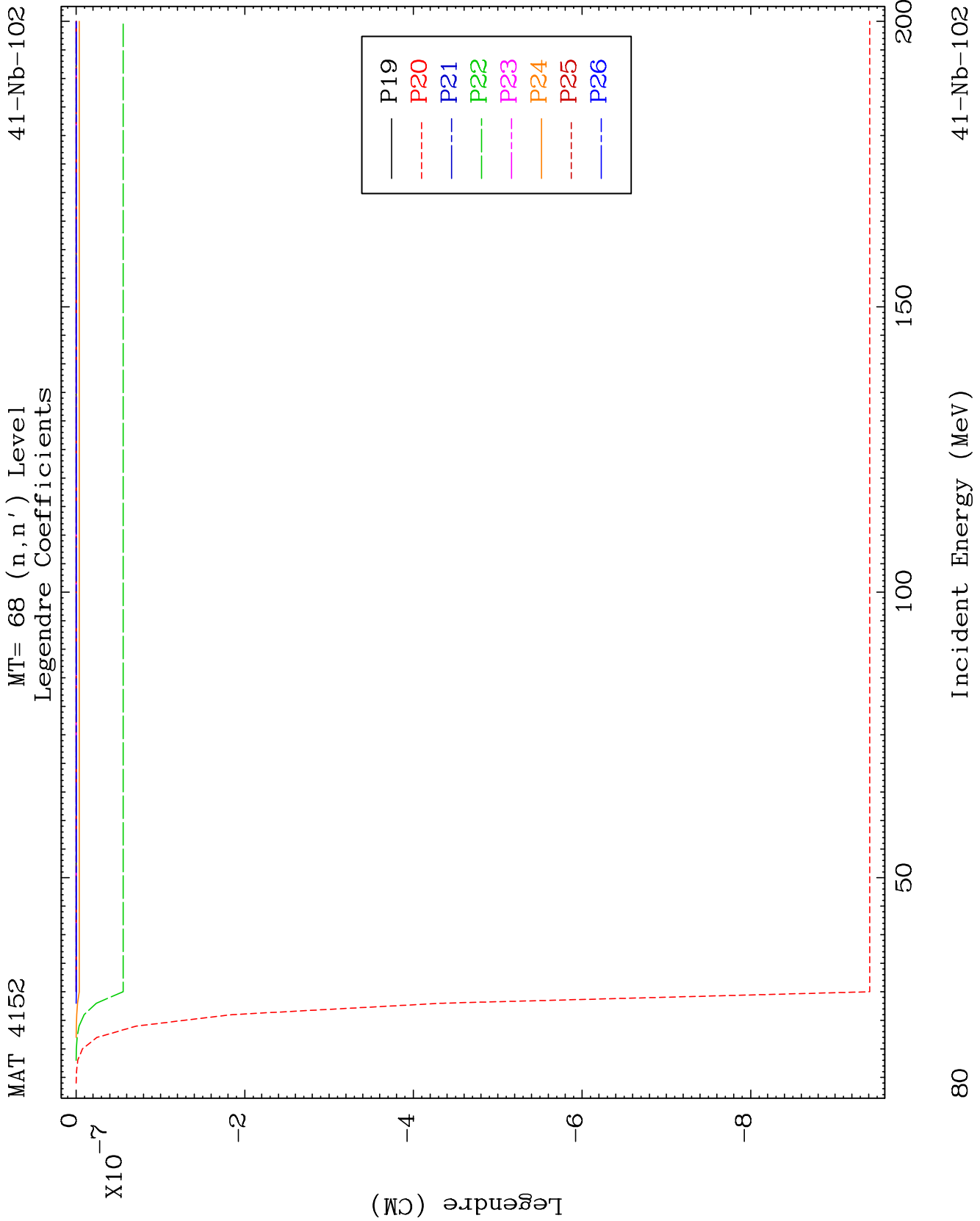


79

Incident Energy (MeV)

41-Nb-102

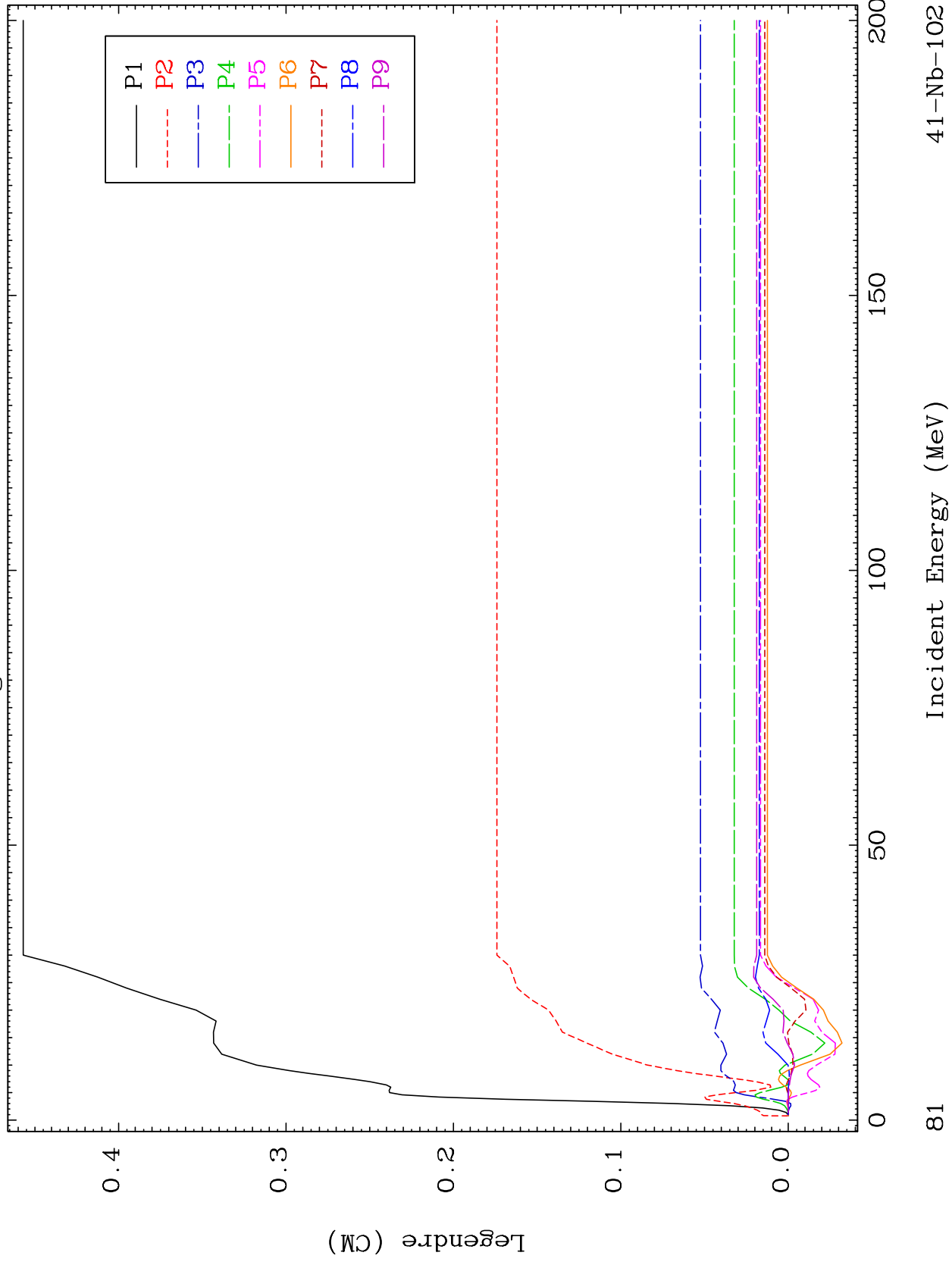




MAT 4152

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

41-Nb-102



81

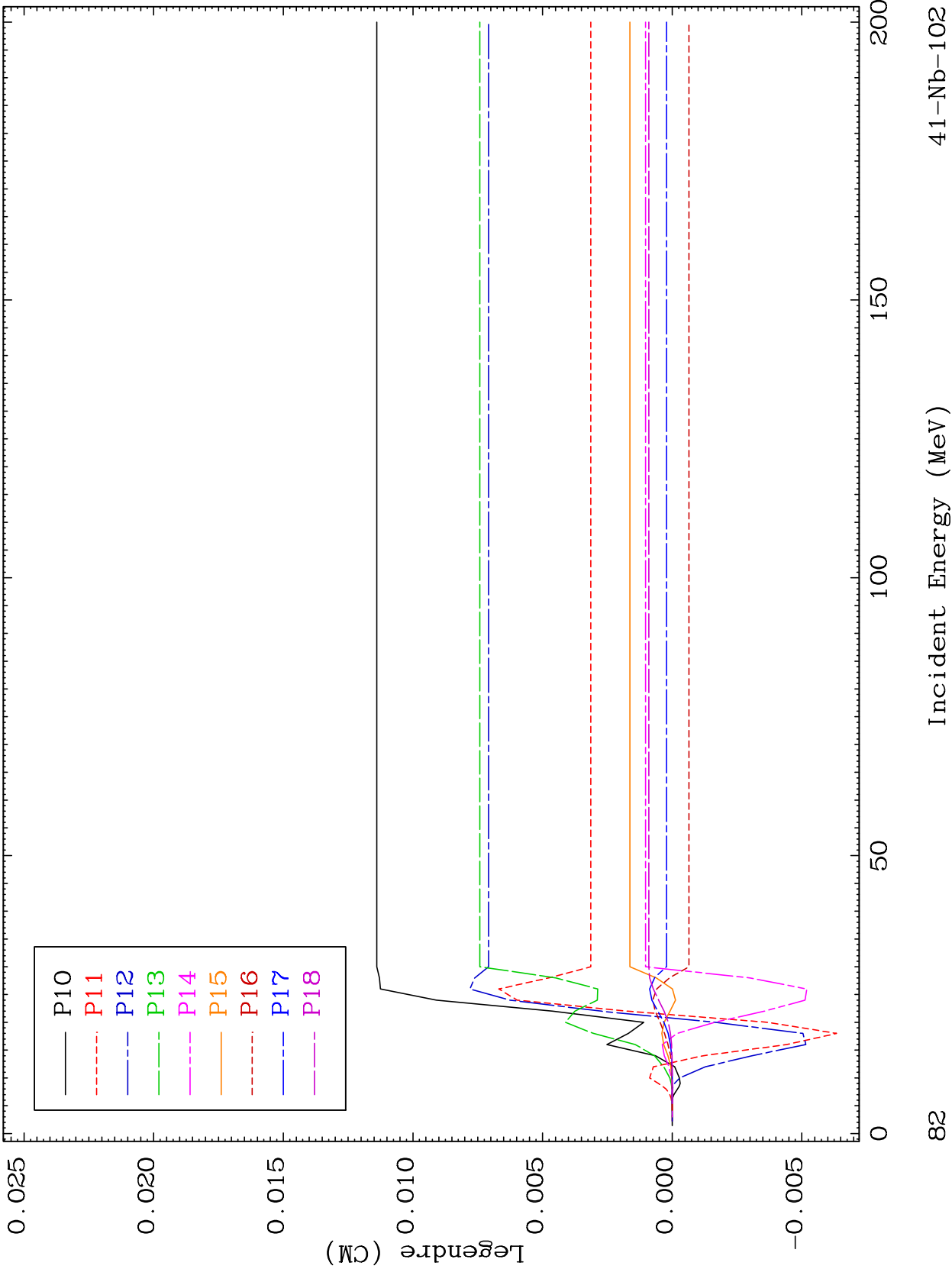
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

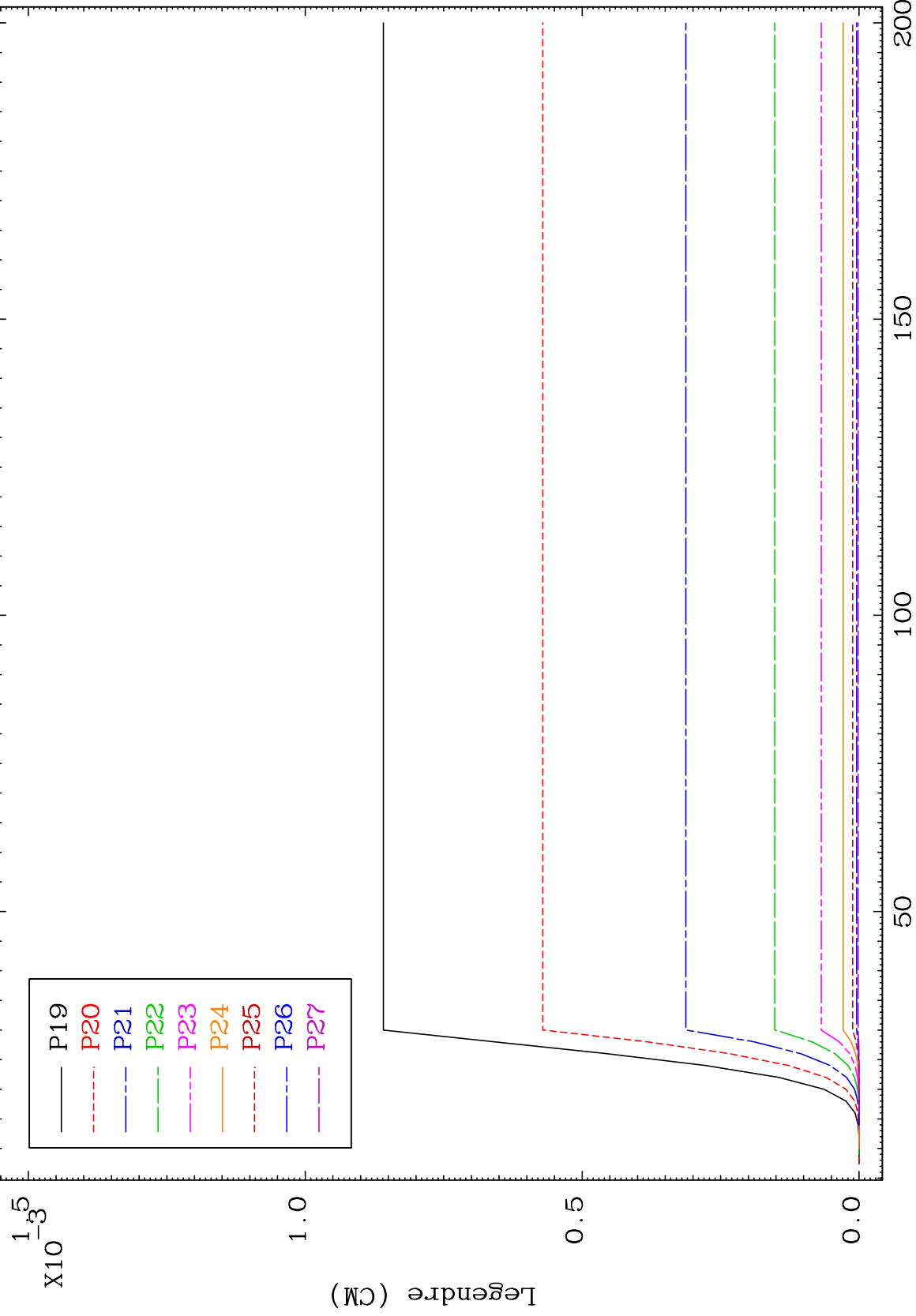
41-Nb-102



82

Incident Energy (MeV)

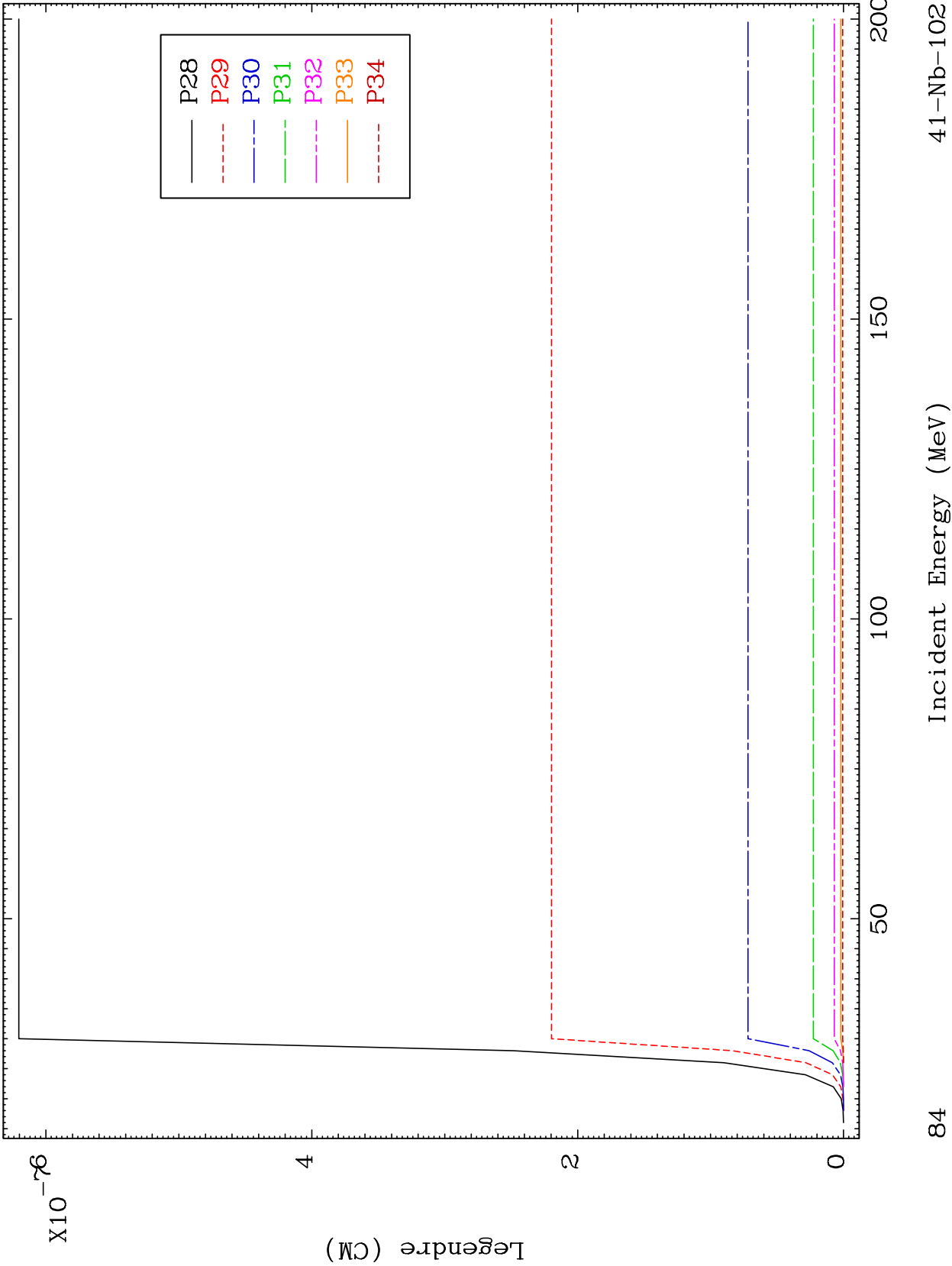
41-Nb-102



MAT 4152

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

41-Nb-102



84

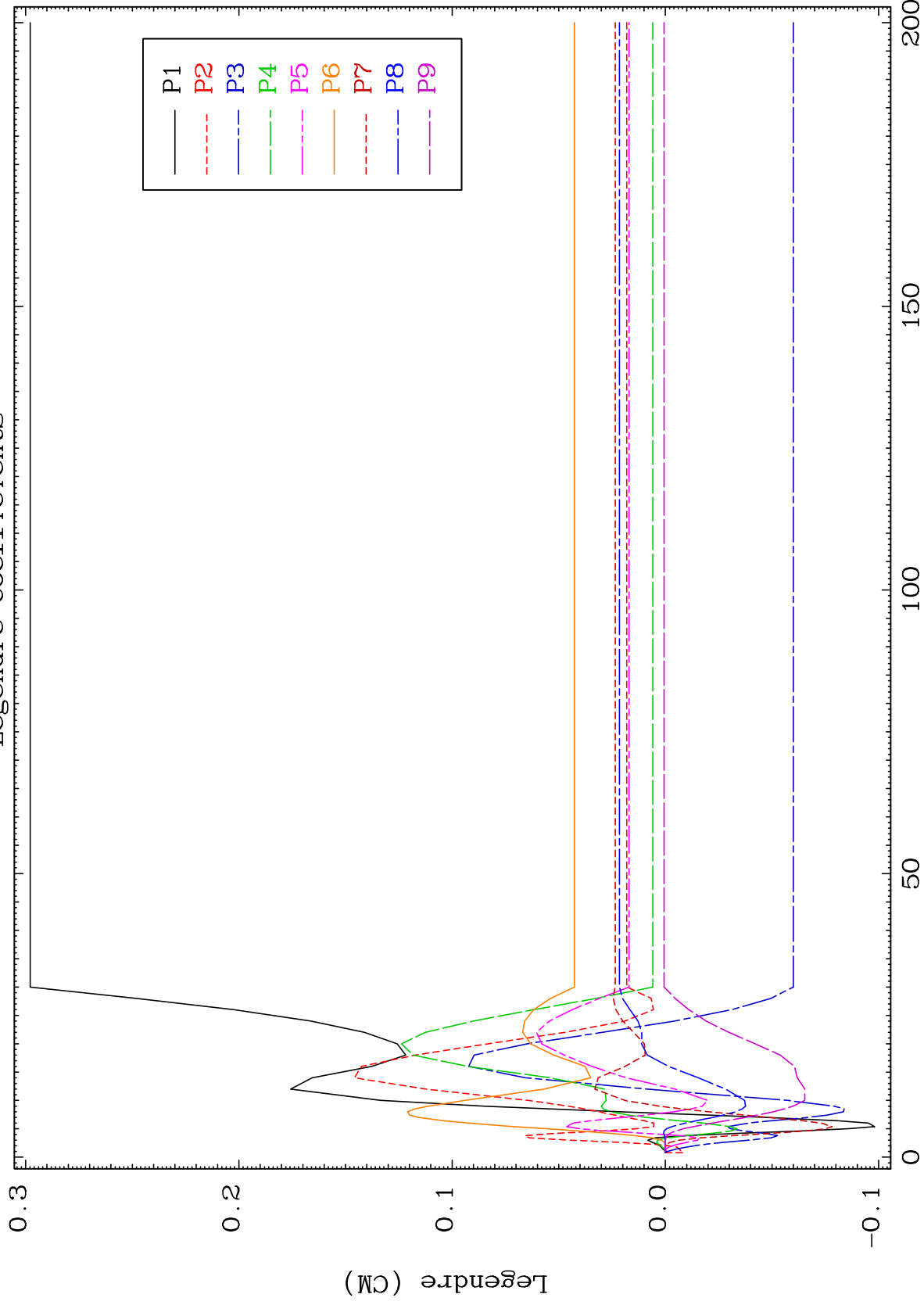
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

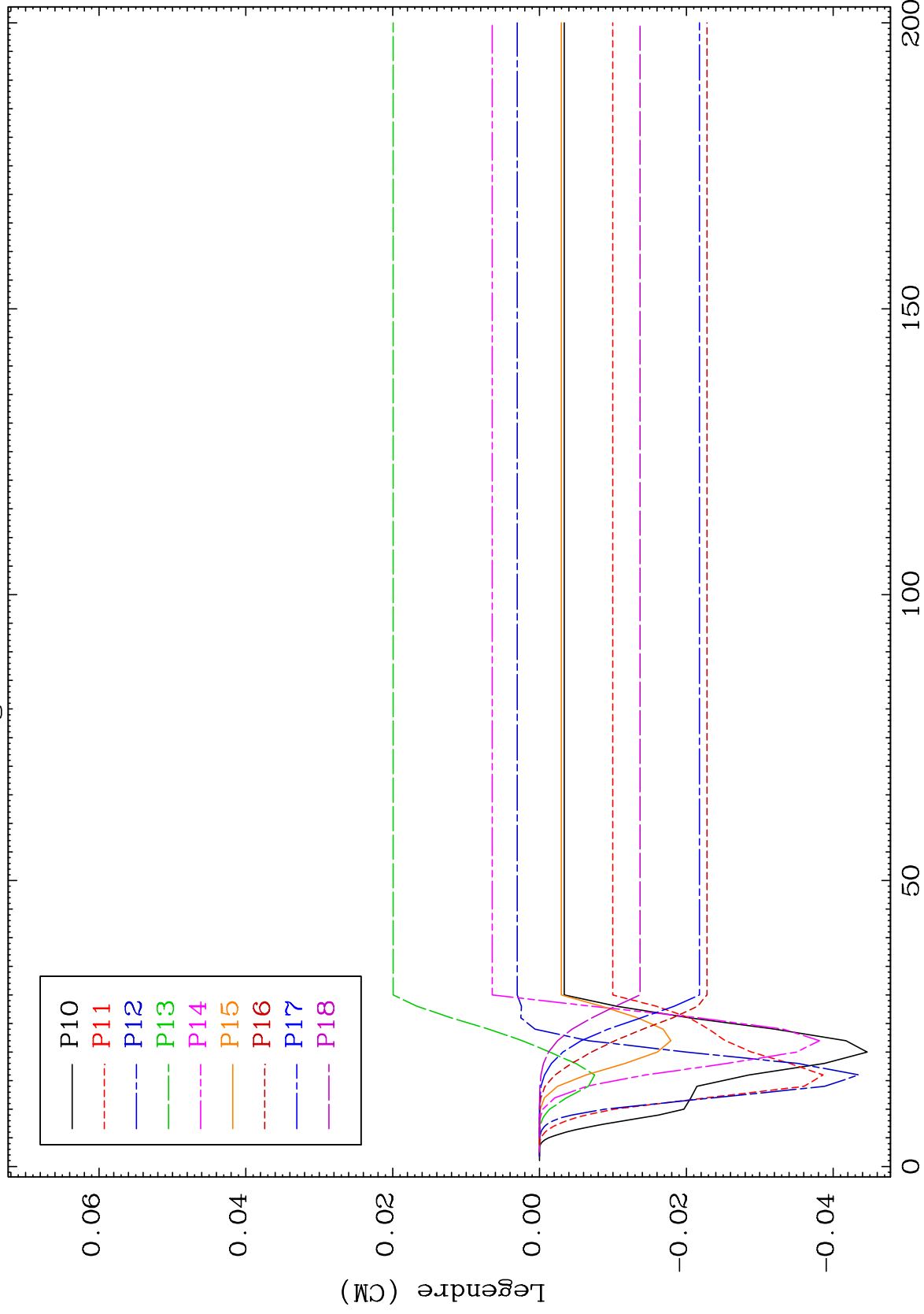
41-Nb-102

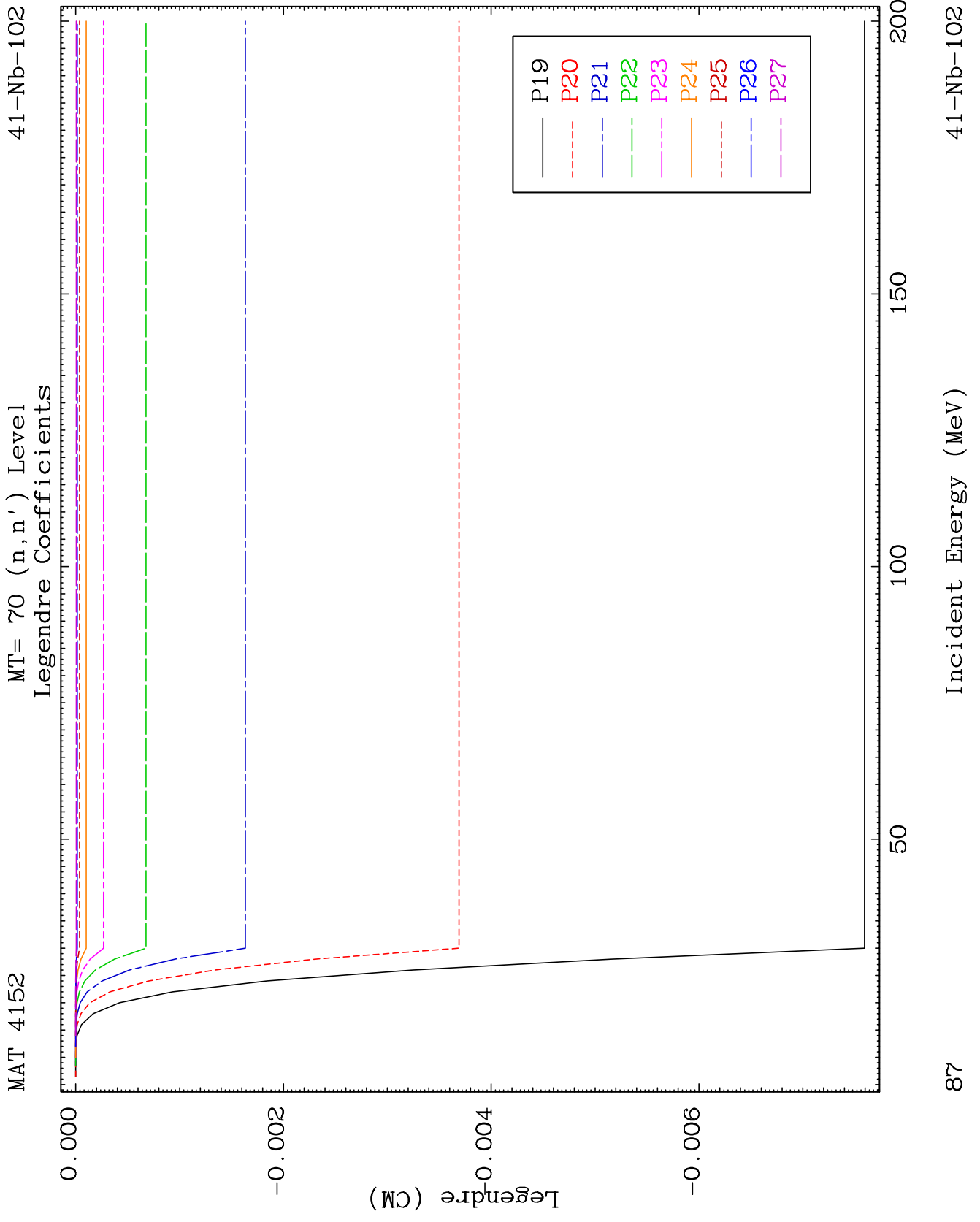


85

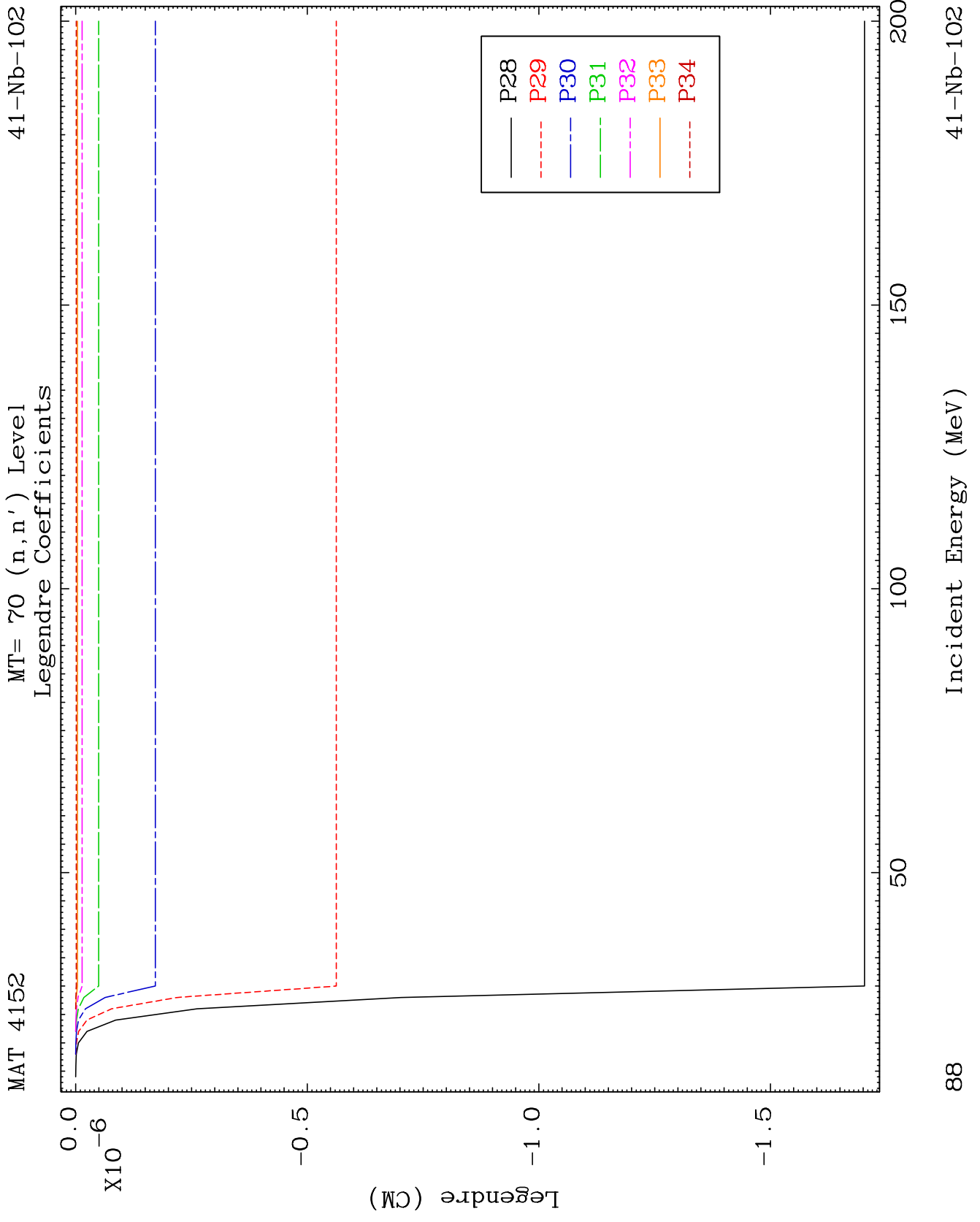
Incident Energy (MeV)

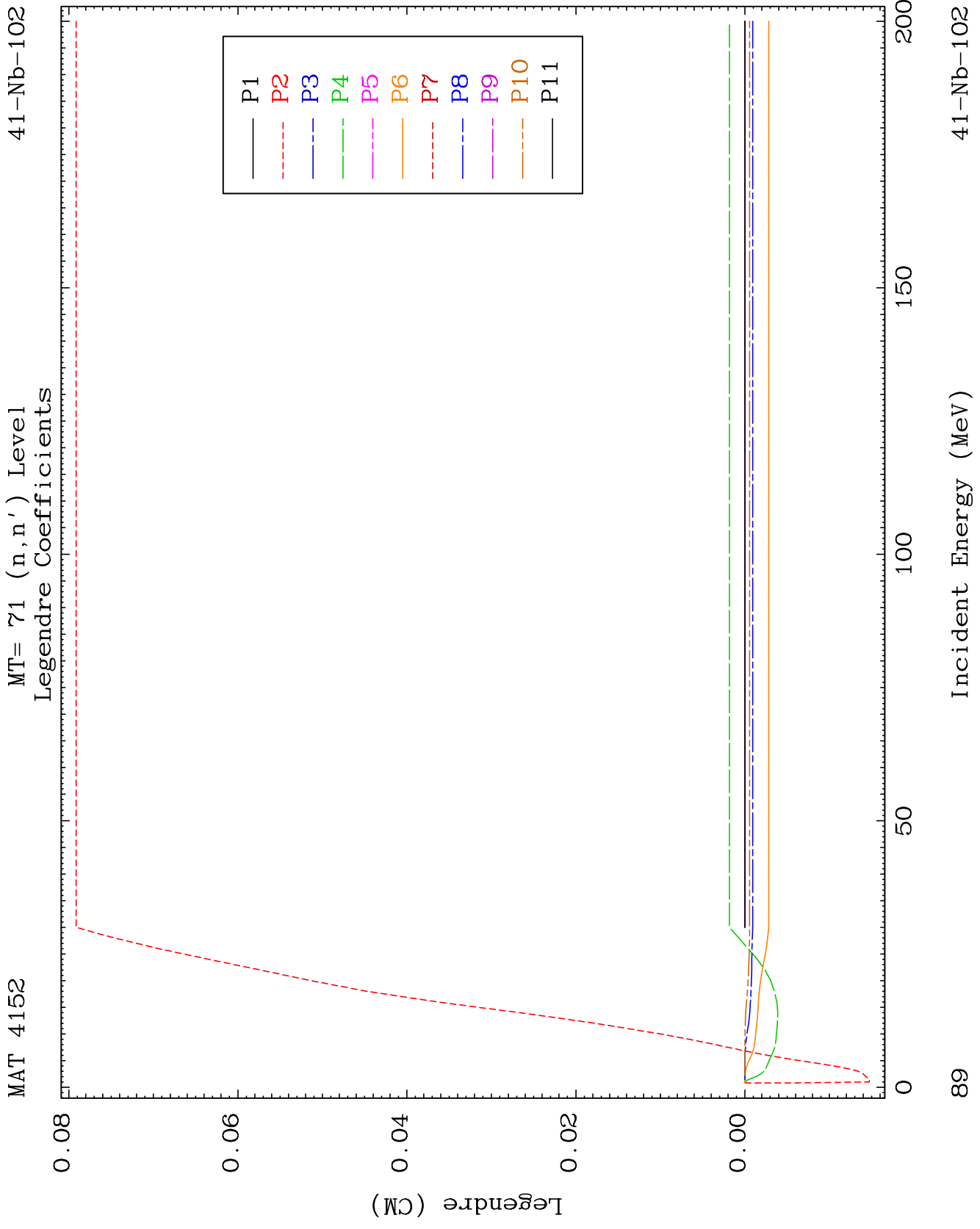
41-Nb-102







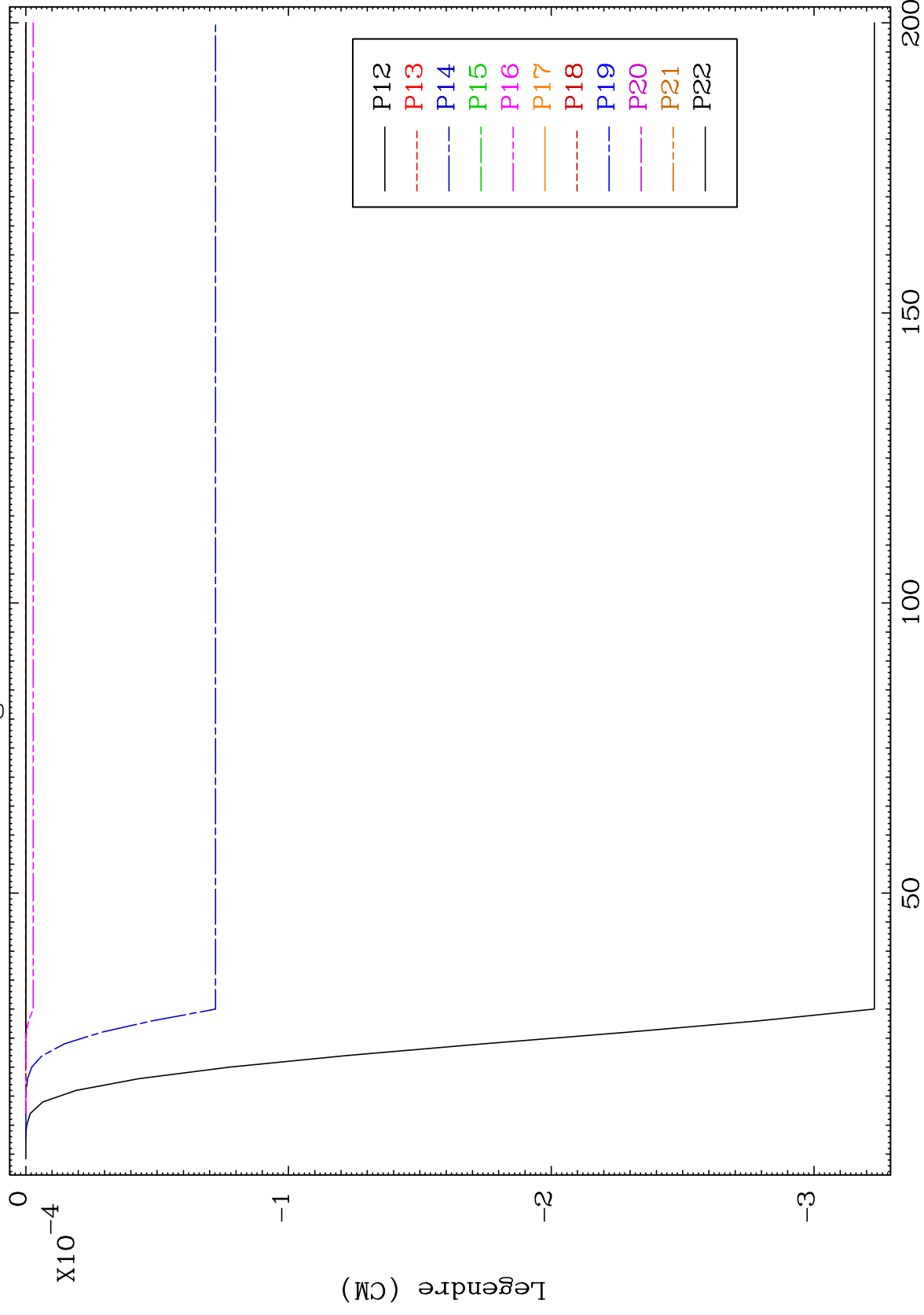




MAT 4152

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

41-Nb-102



90

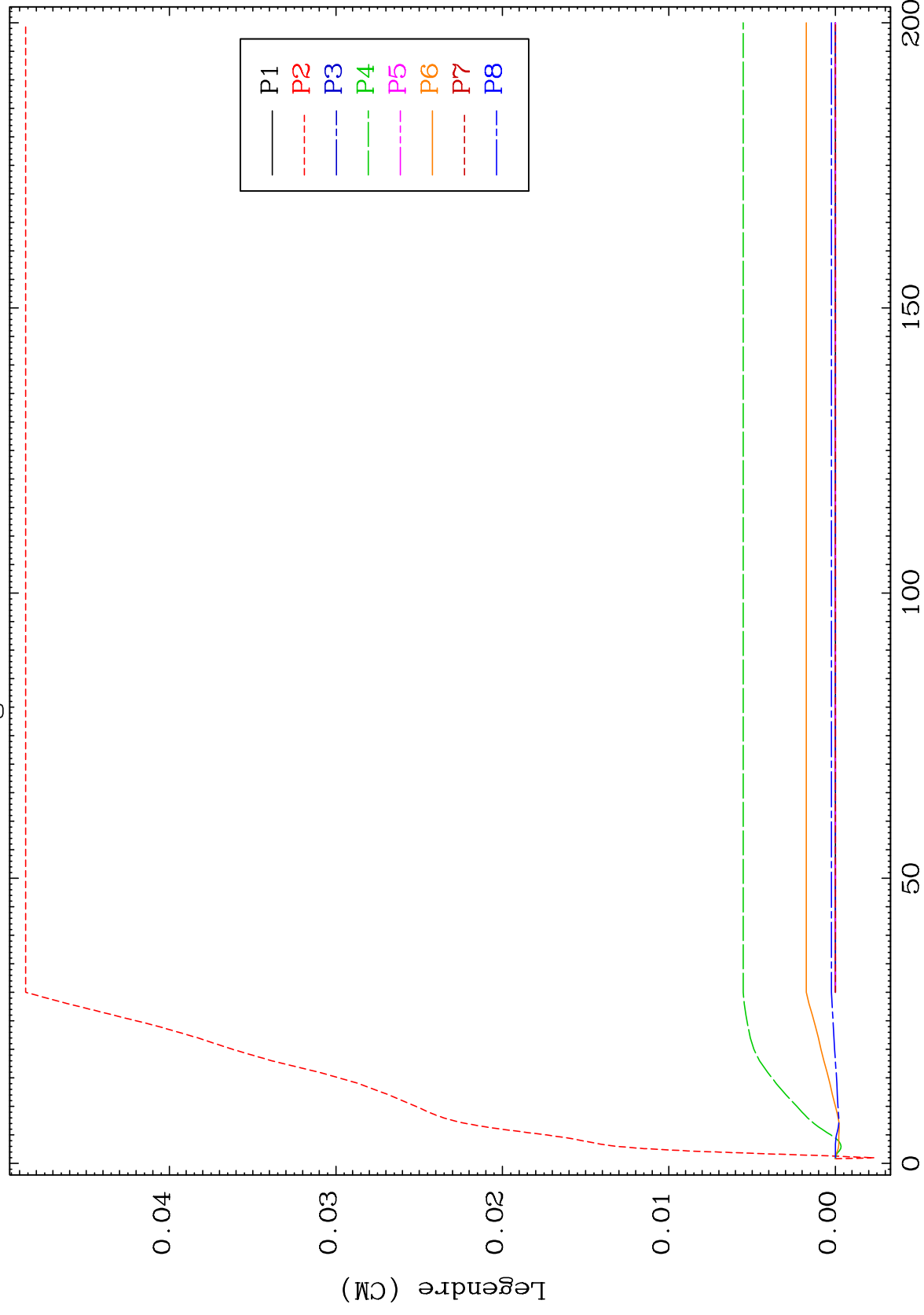
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102



91

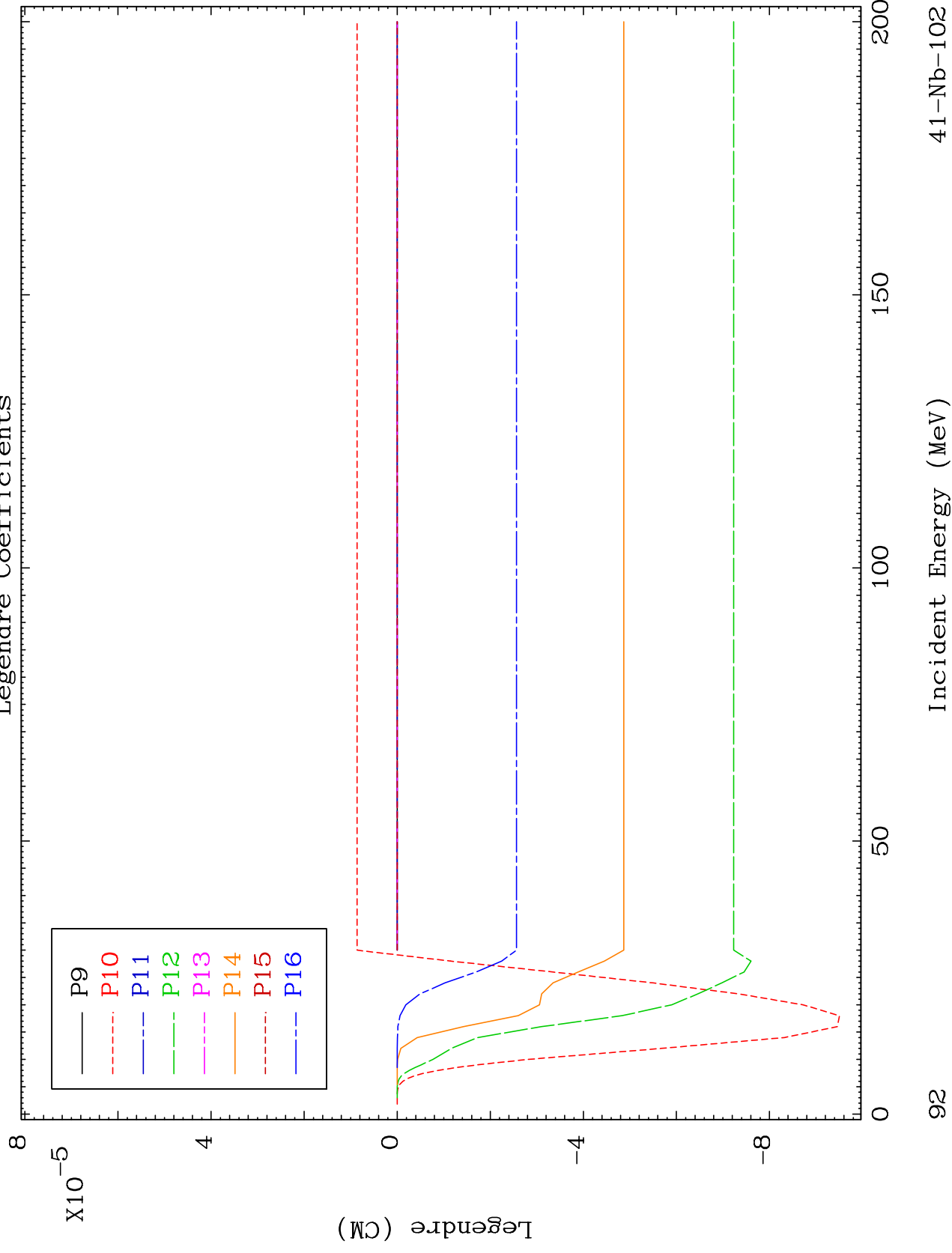
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102



92

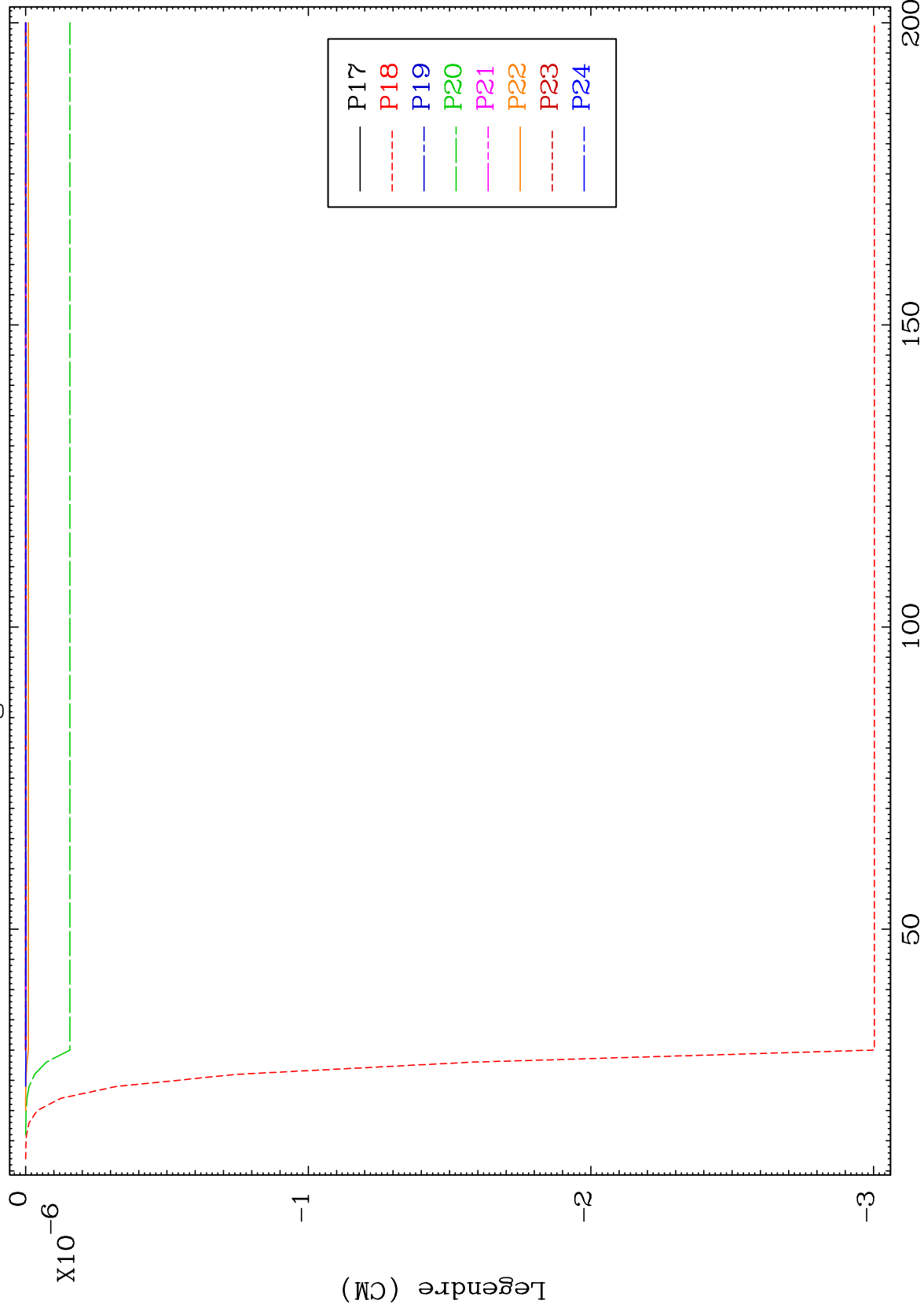
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

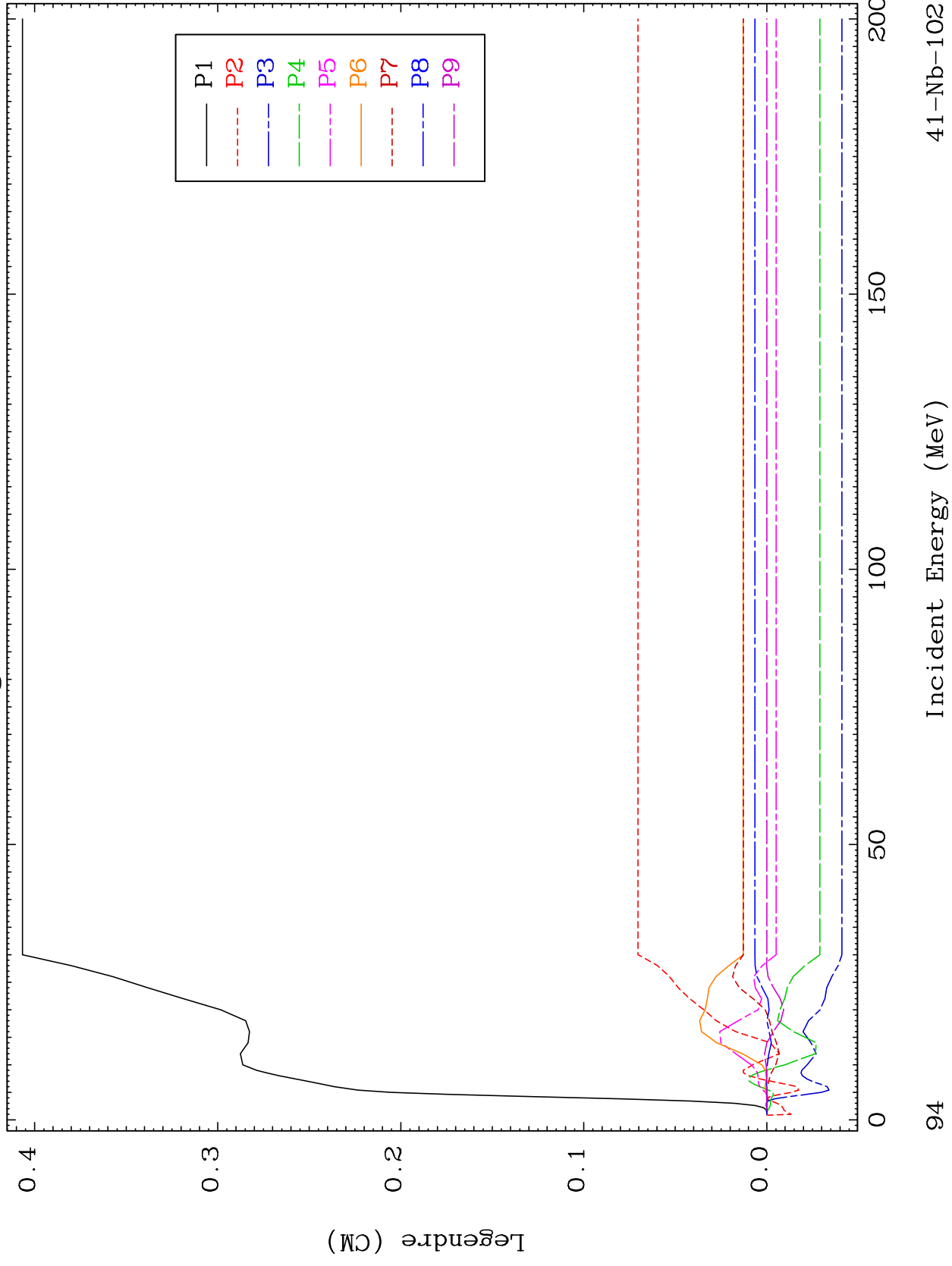
41-Nb-102



MAT 4152

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

41-Nb-102



94

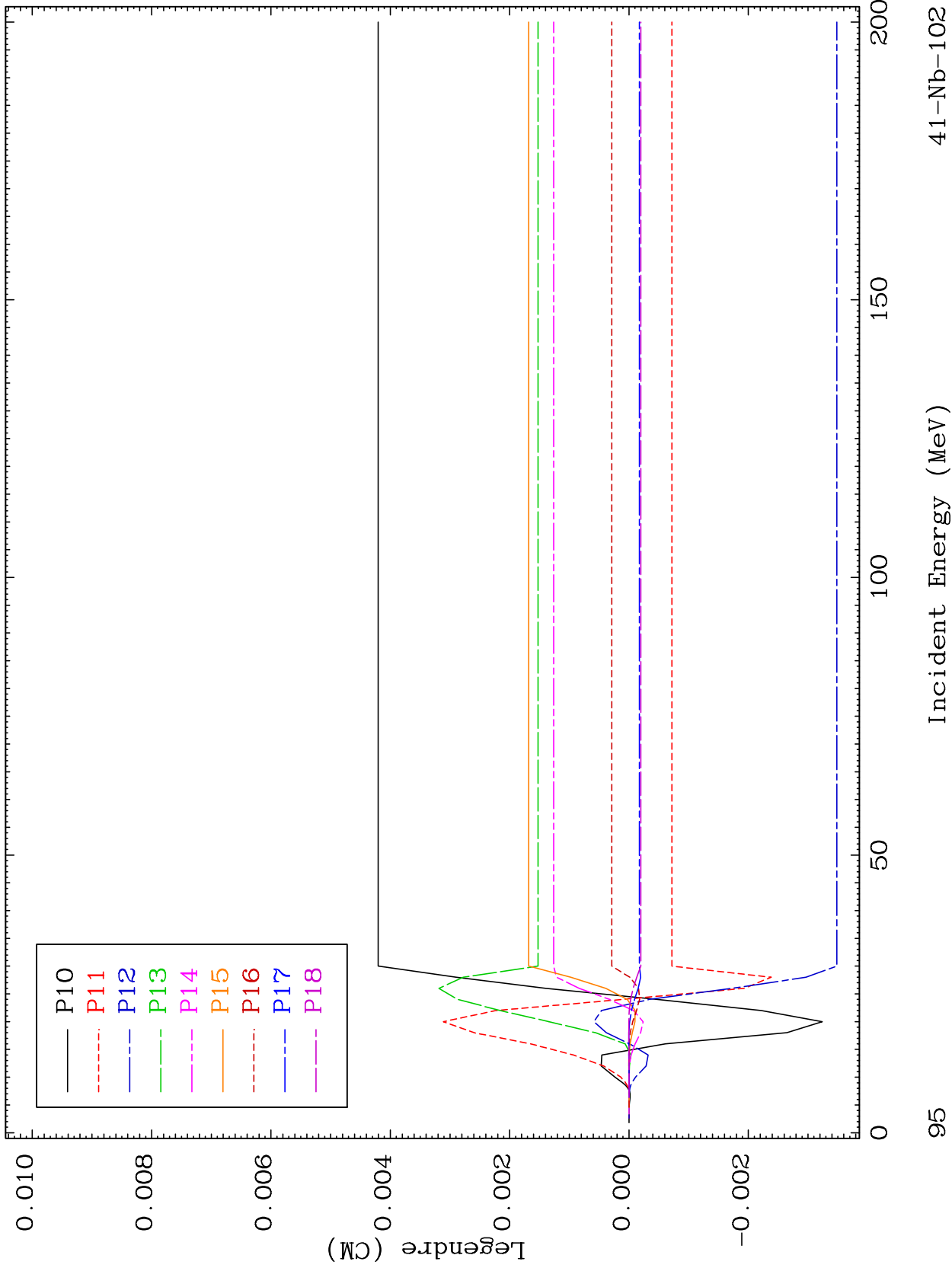
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102

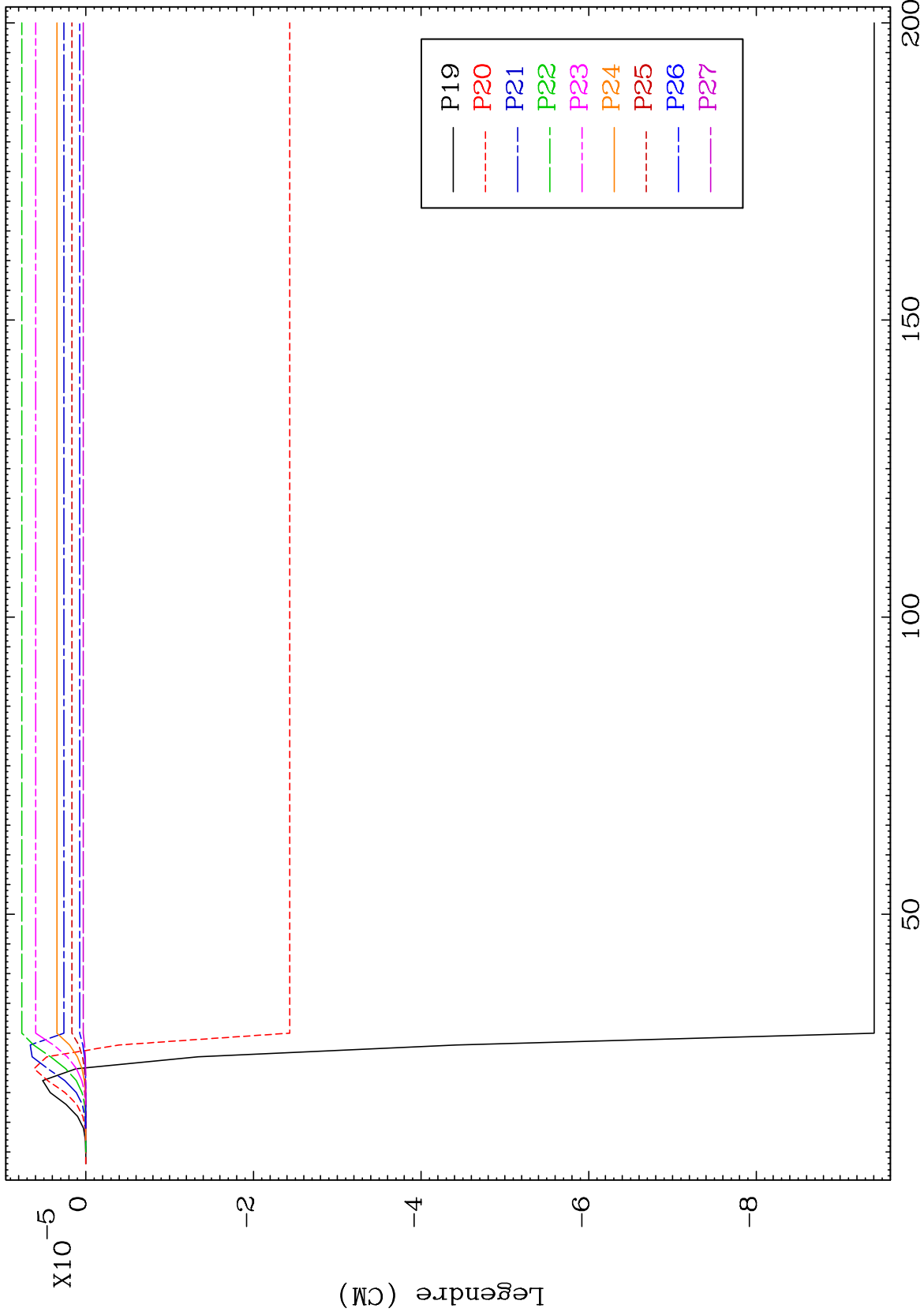


95

Incident Energy (MeV)

41-Nb-102

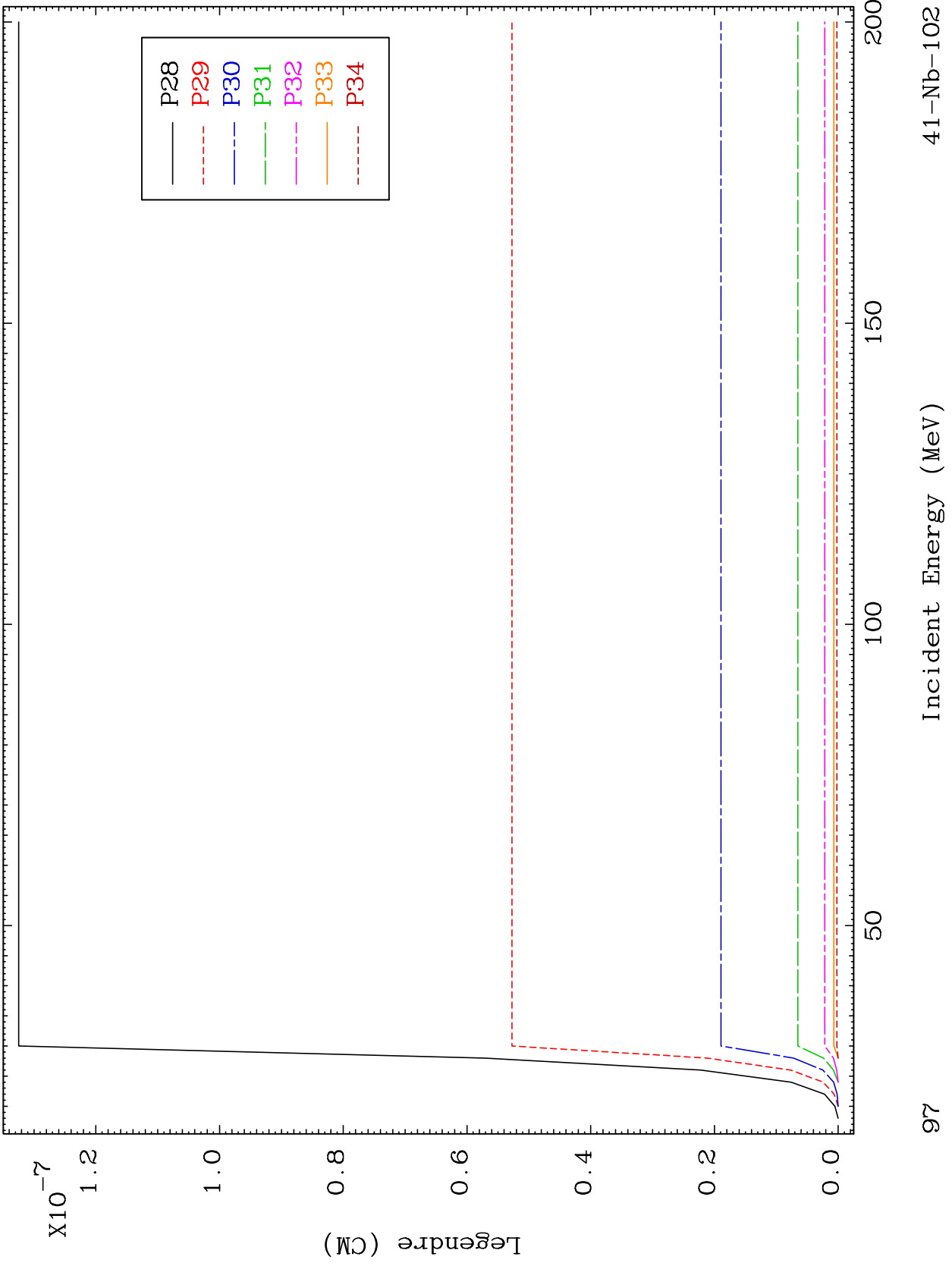




MAT 4152

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

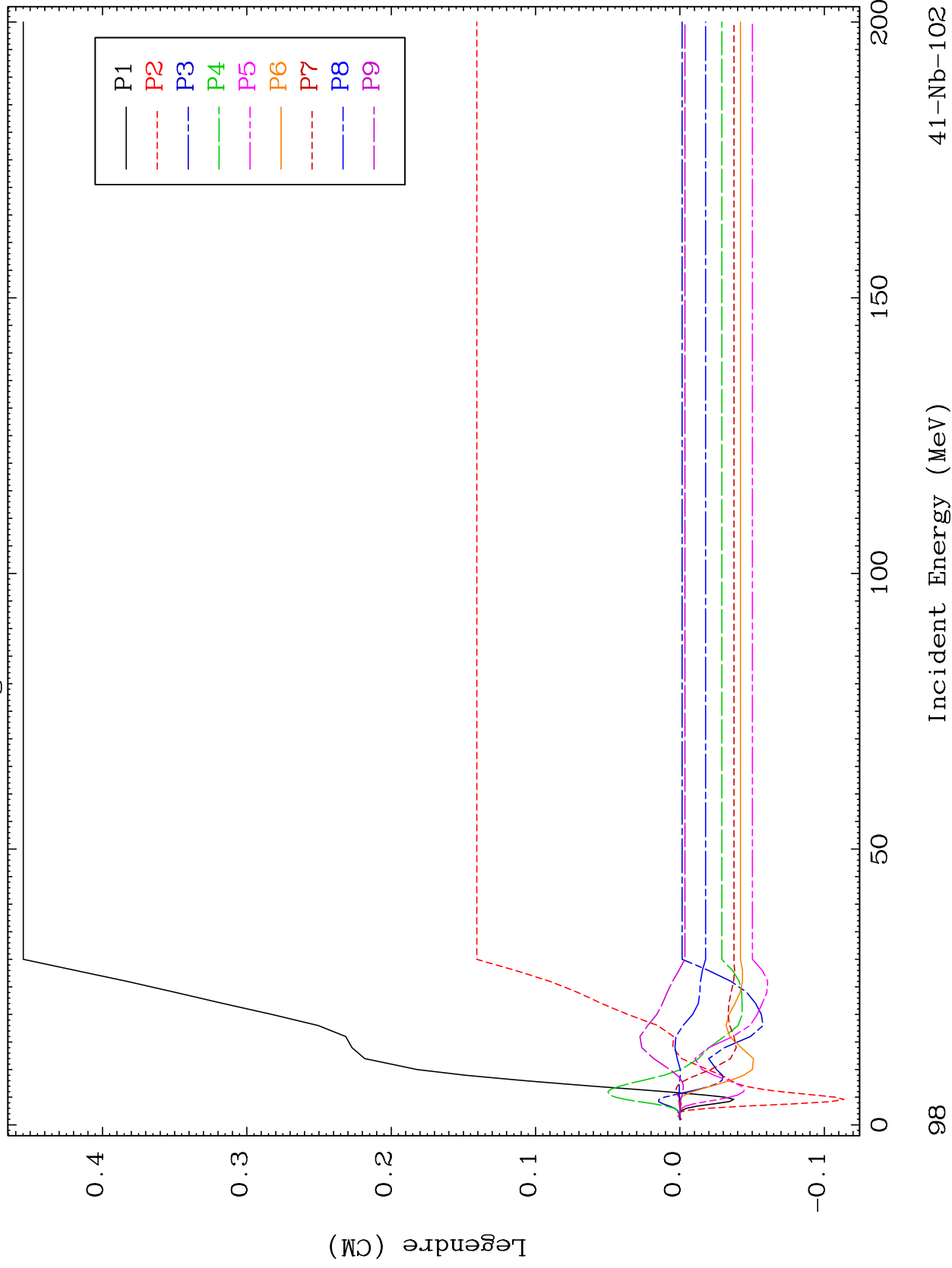
41-Nb-102



MAT 4152

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

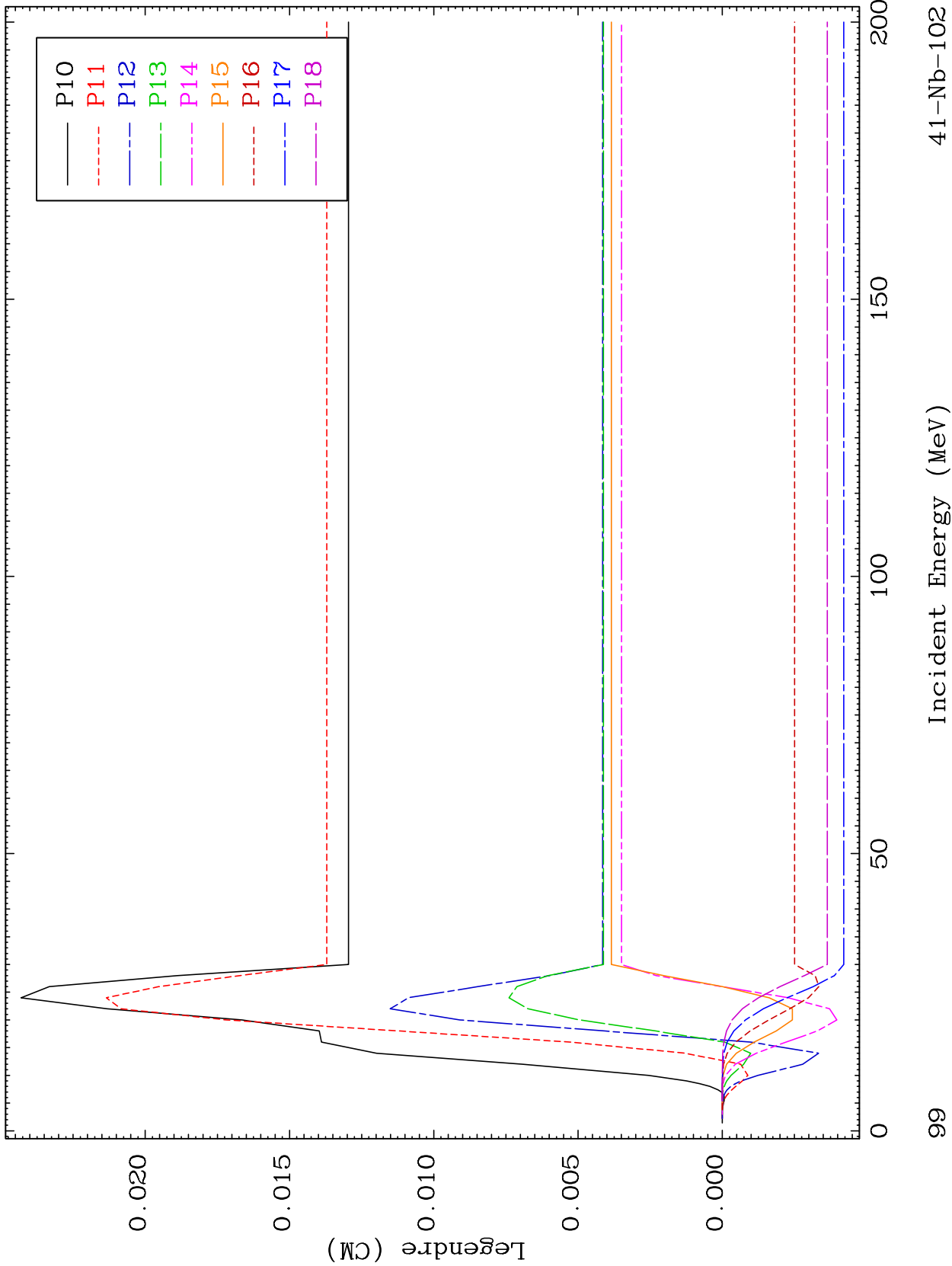
41-Nb-102



MAT 4152

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

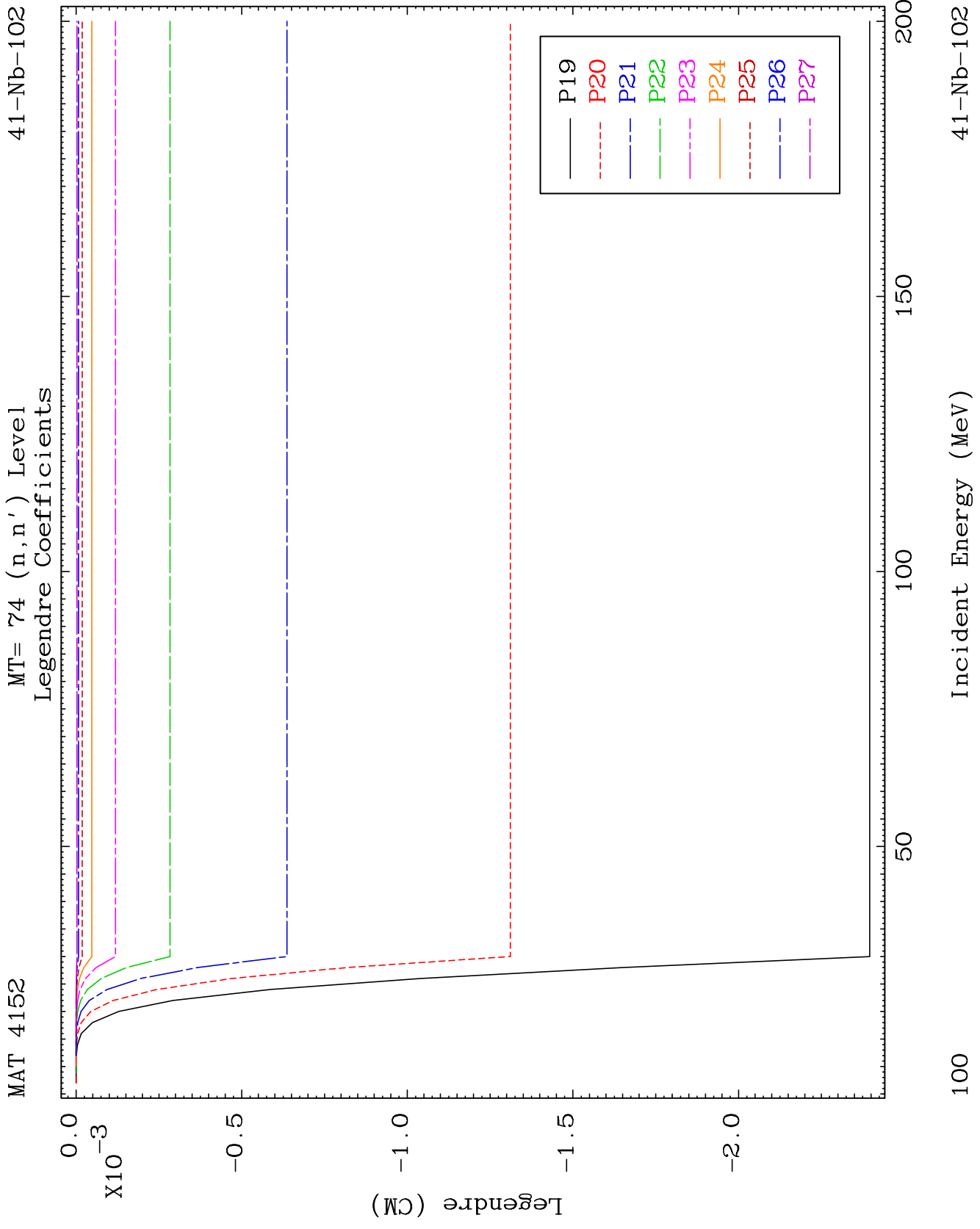
41-Nb-102

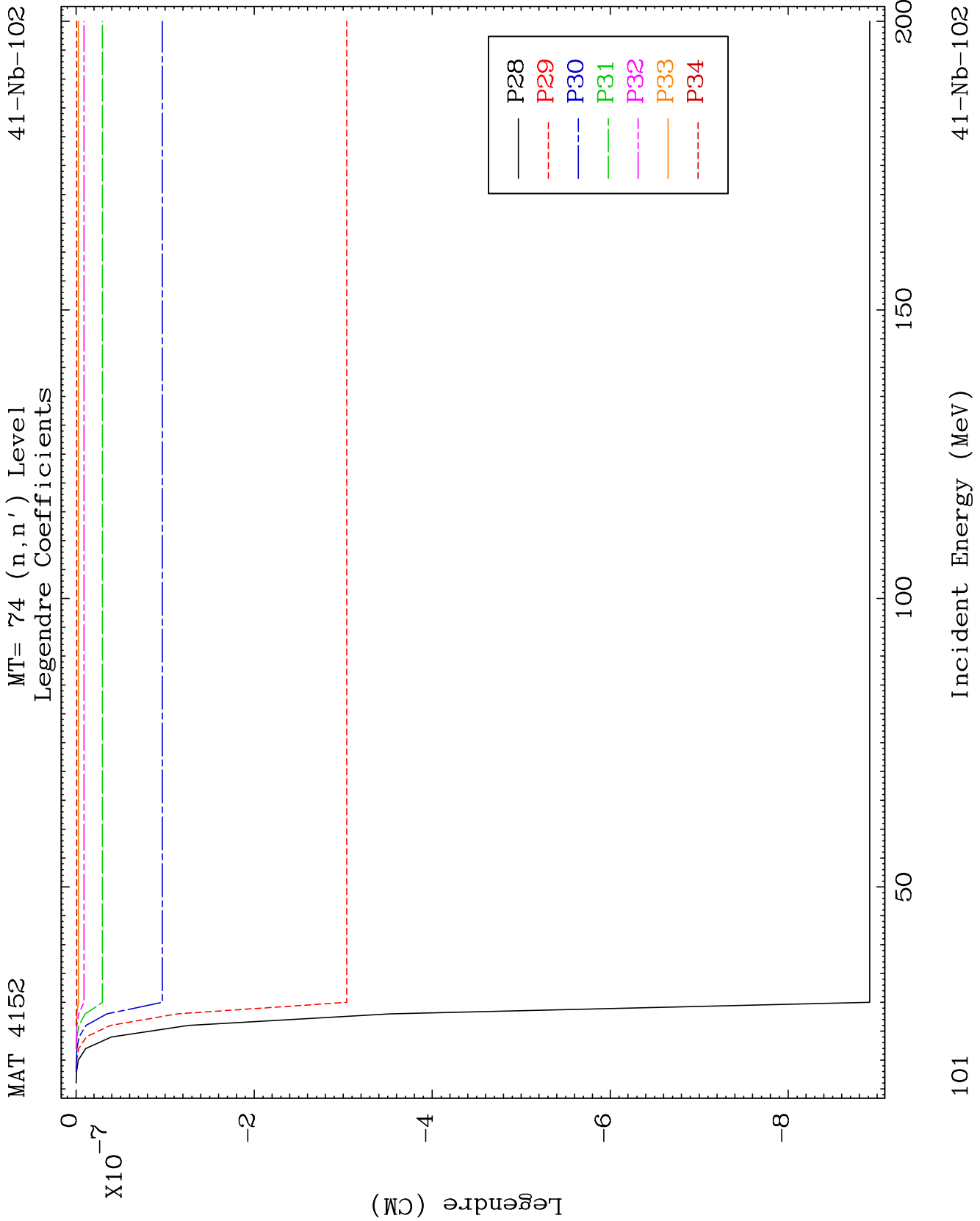


99

Incident Energy (MeV)

41-Nb-102

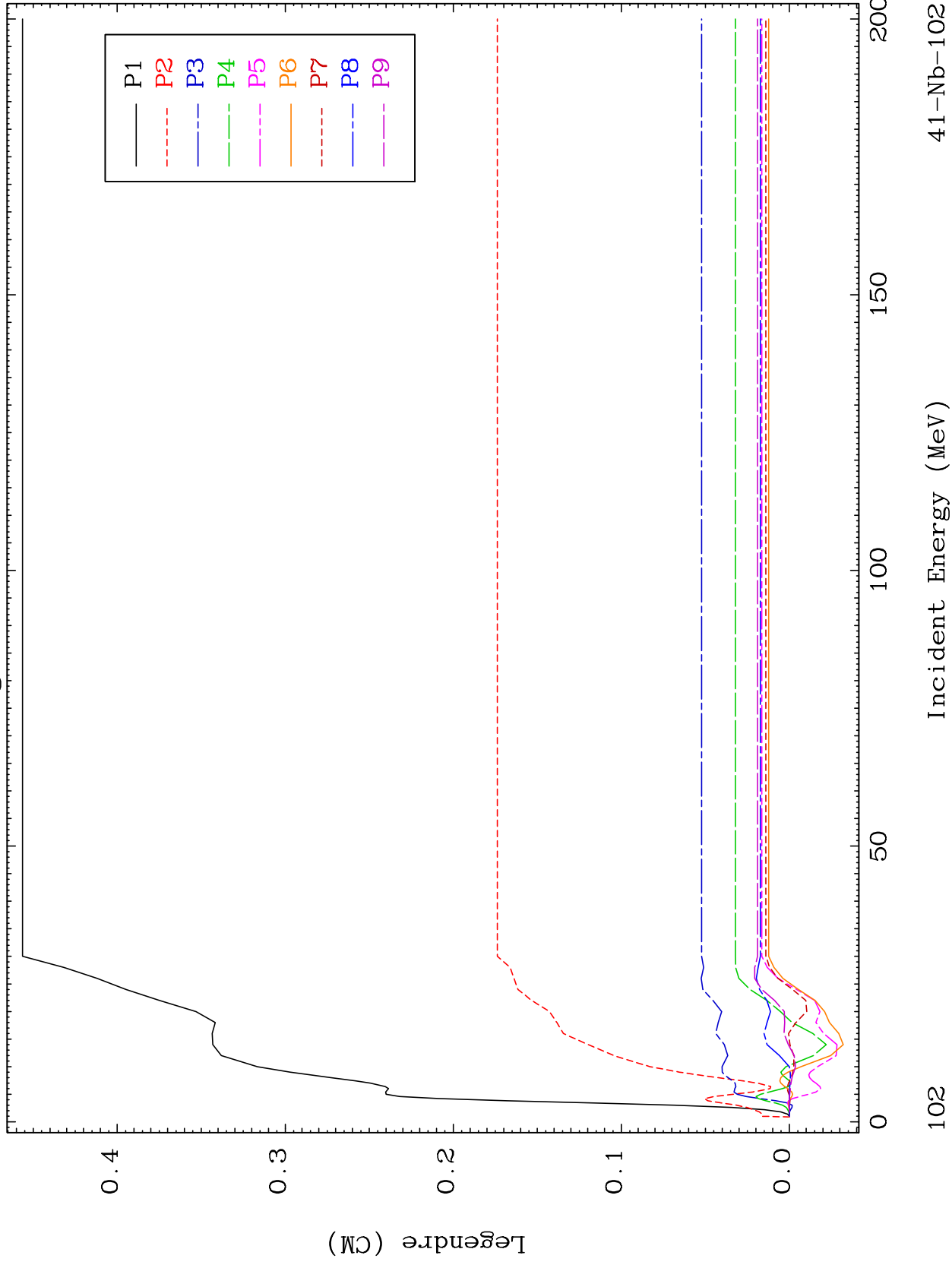




MAT 4152

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

41-Nb-102



41-Nb-102

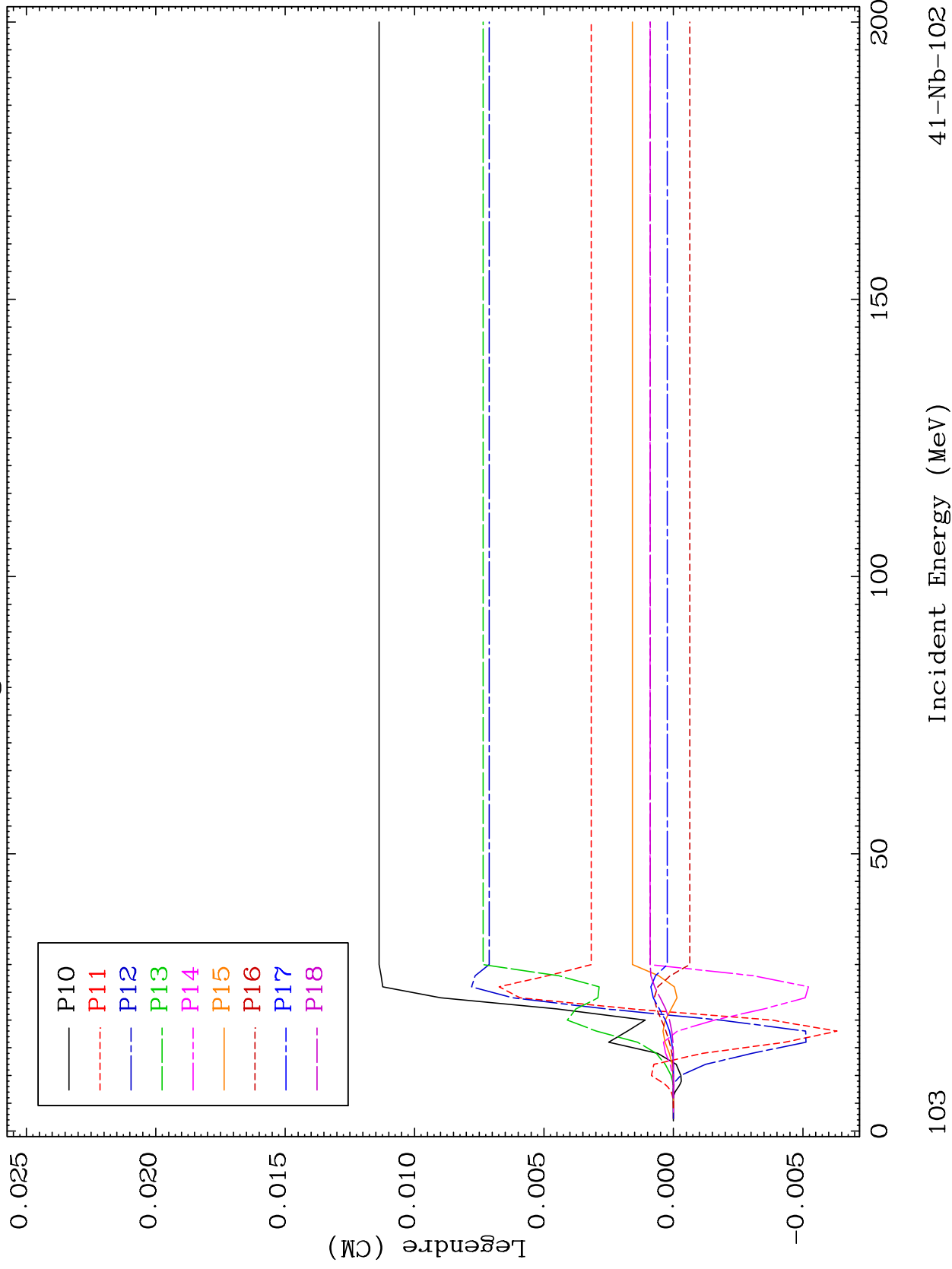
Incident Energy (MeV)

102

MAT 4152

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

41-Nb-102



41-Nb-102

Incident Energy (MeV)

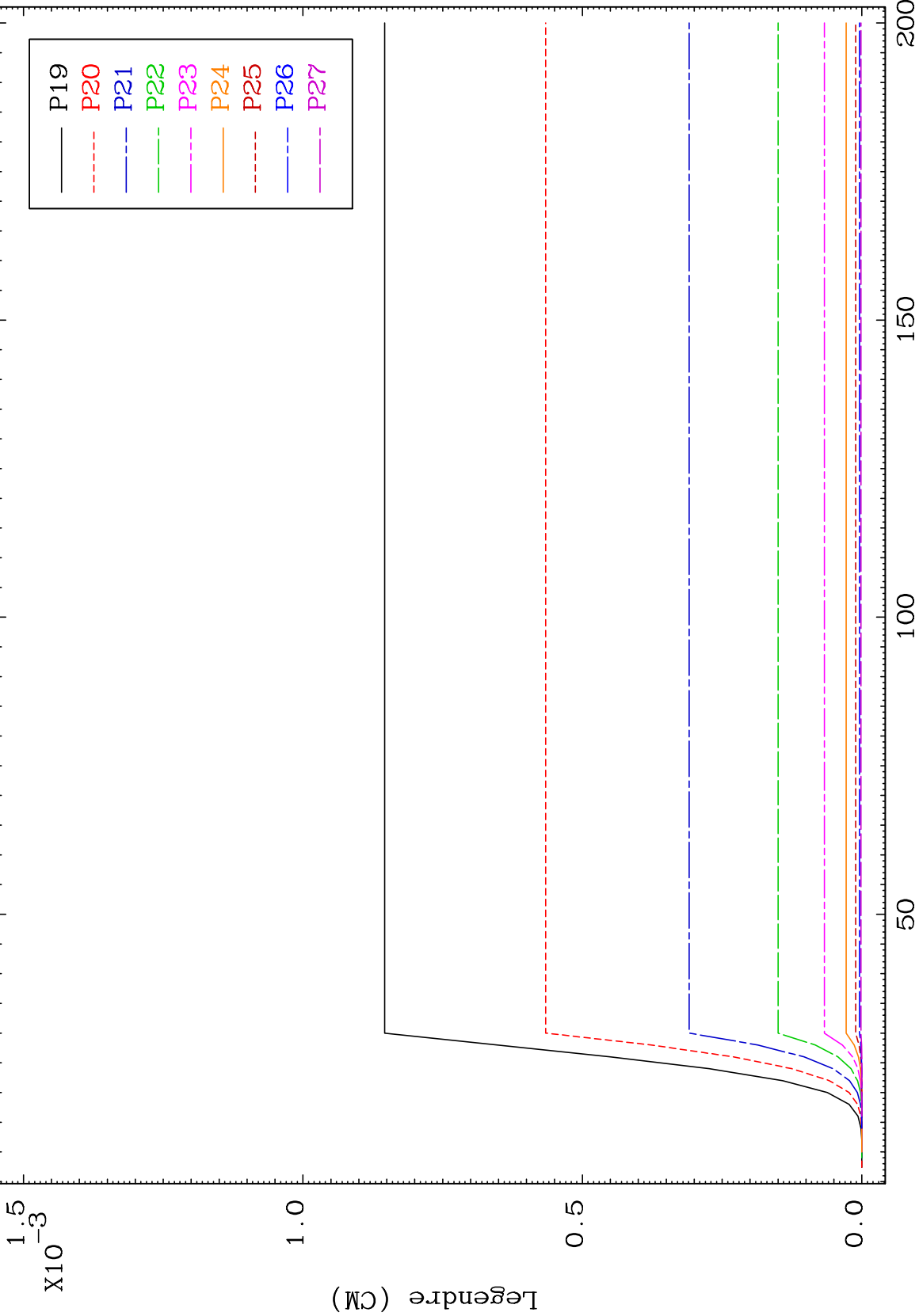
103



MAT 4152

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

41-Nb-102



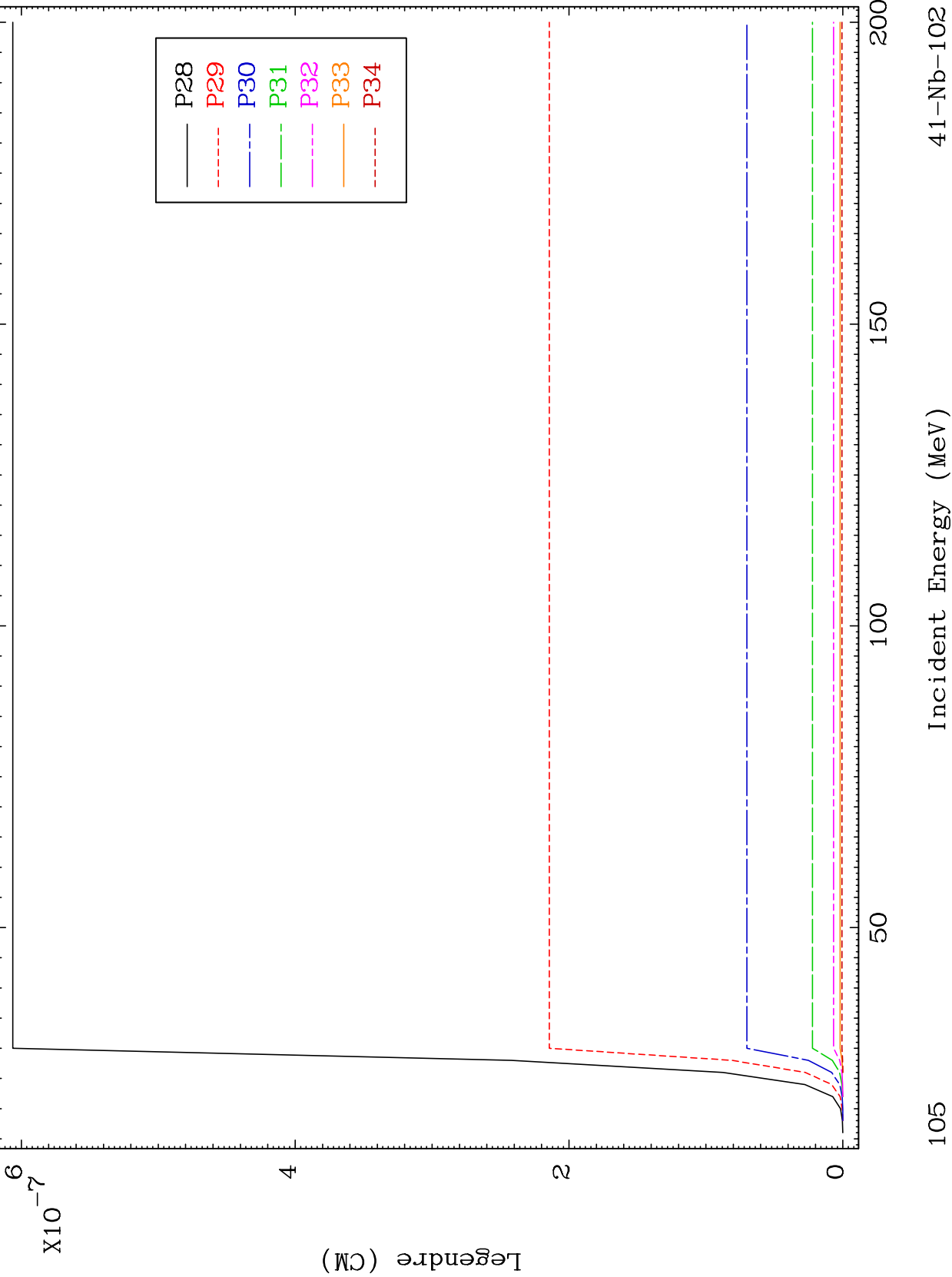
104

41-Nb-102

MAT 4152

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

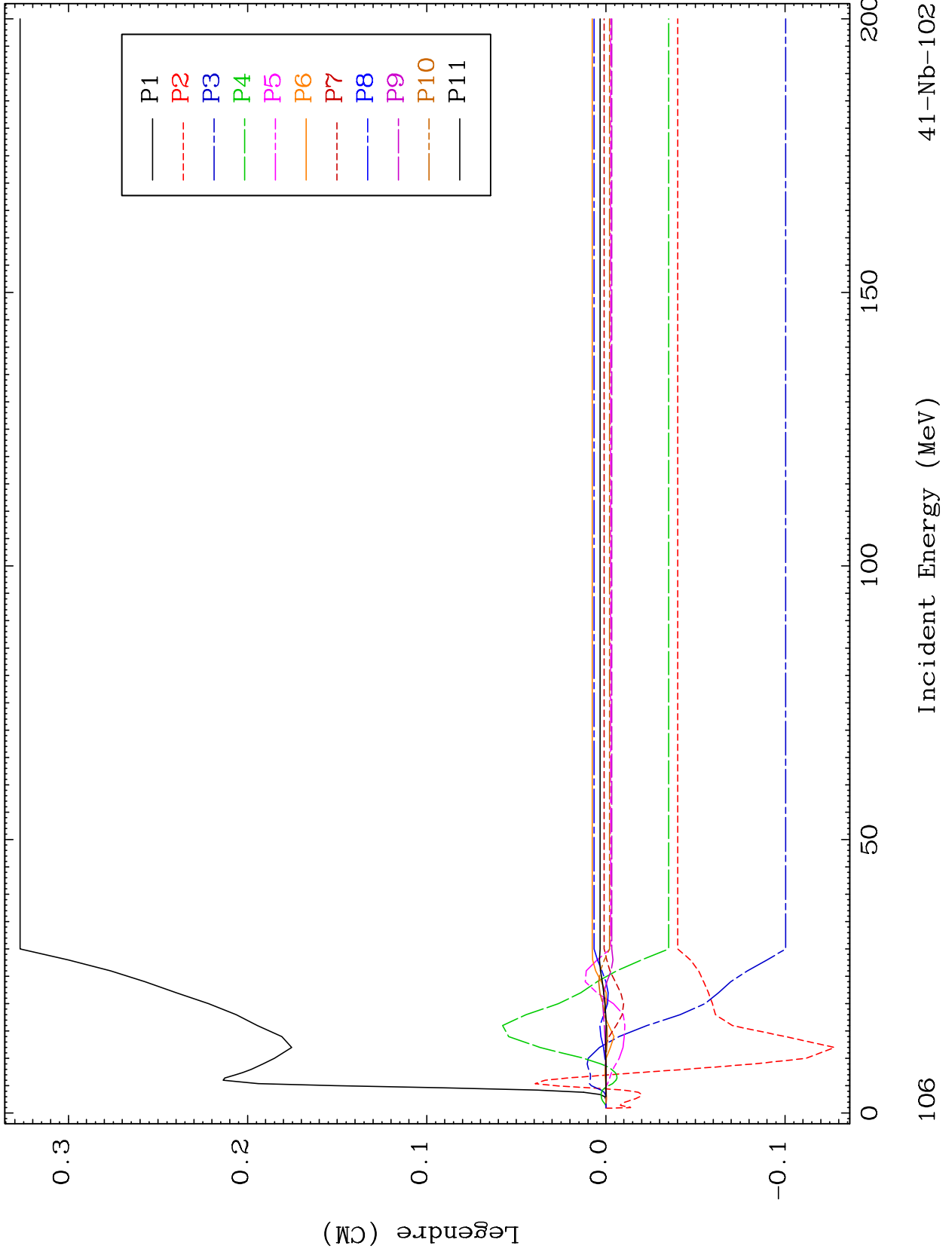
41-Nb-102



MAT 4152

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

41-Nb-102



41-Nb-102

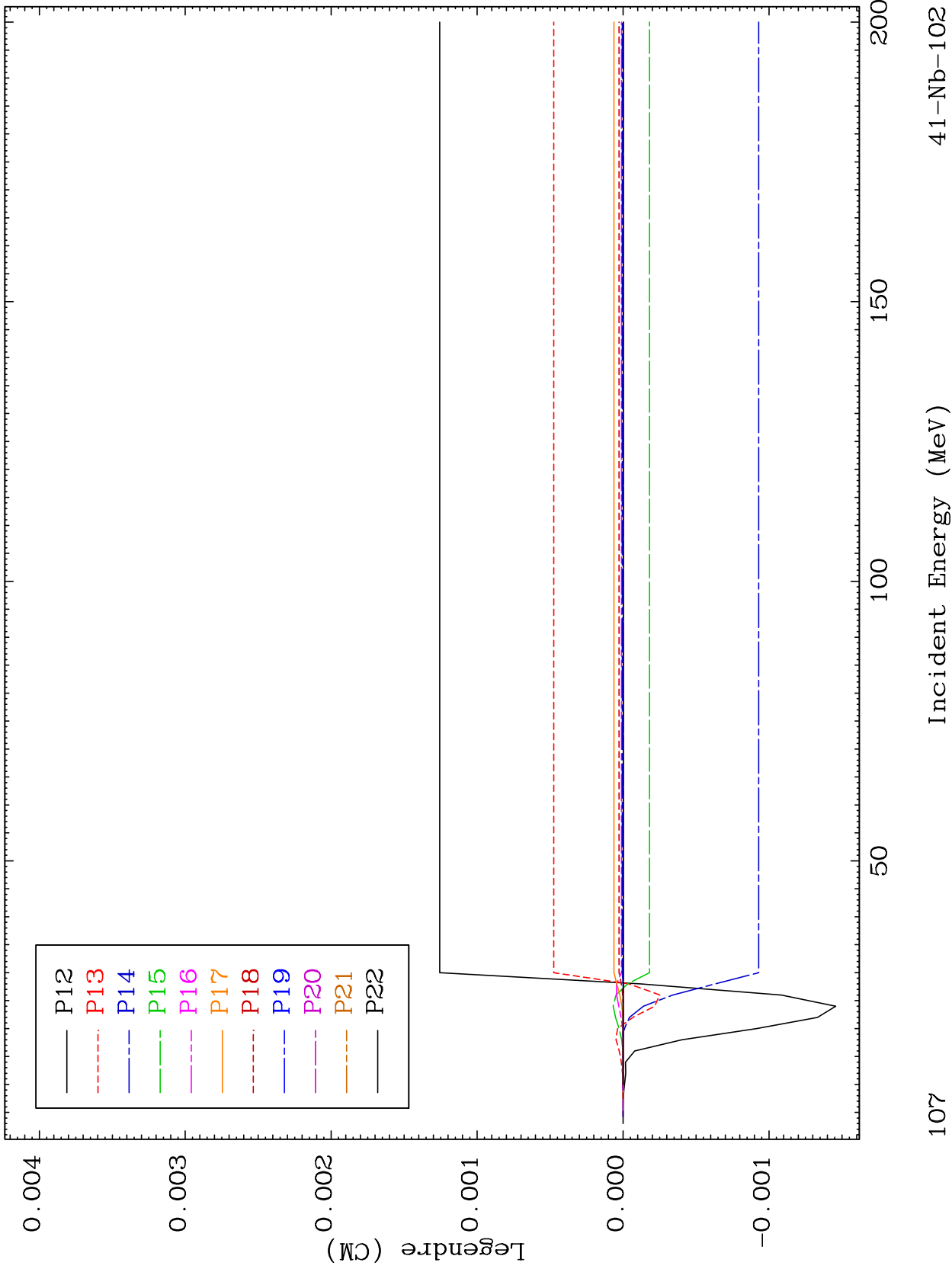
Incident Energy (MeV)

106

MAT 4152

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

41-Nb-102



107

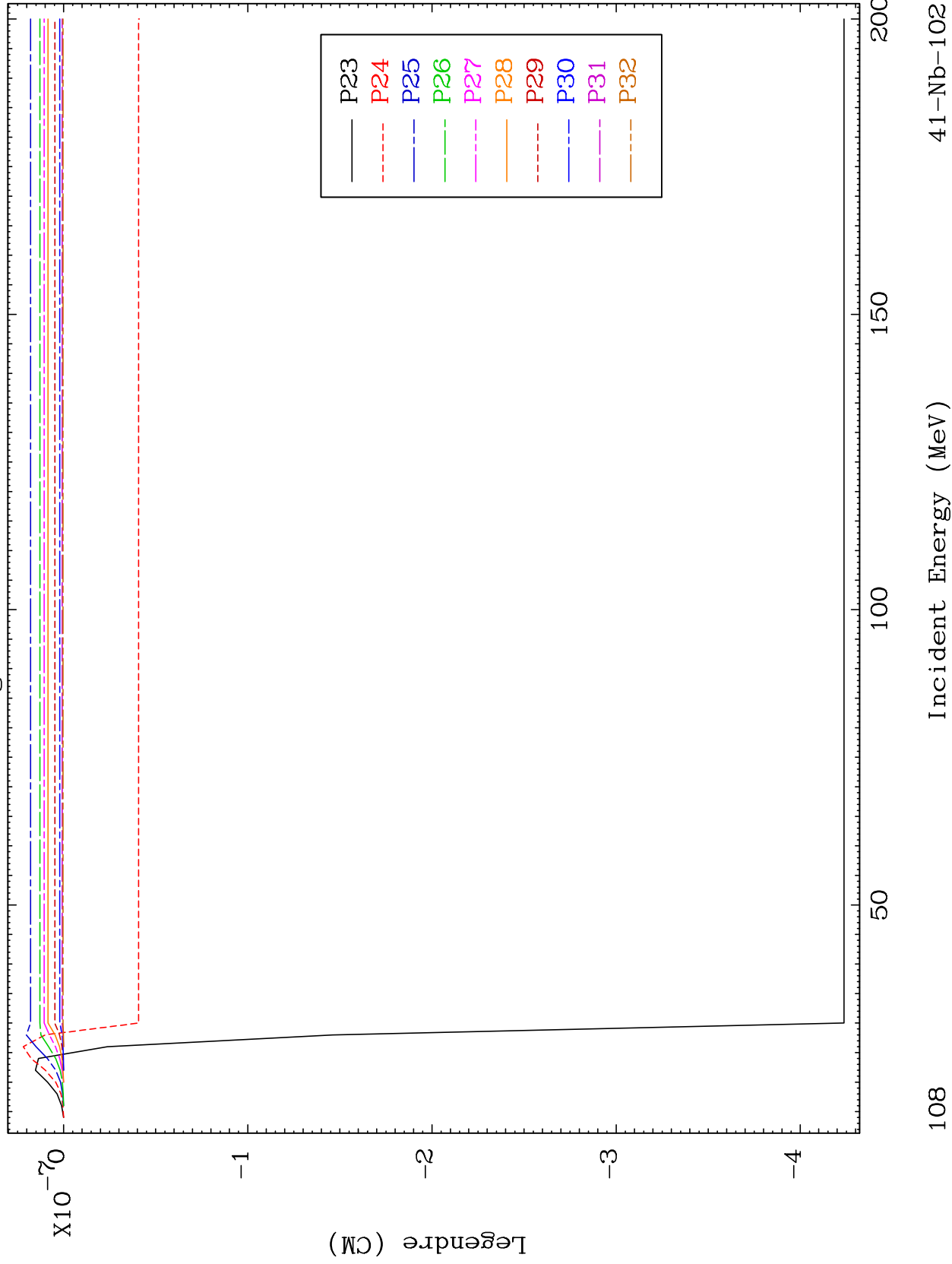
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

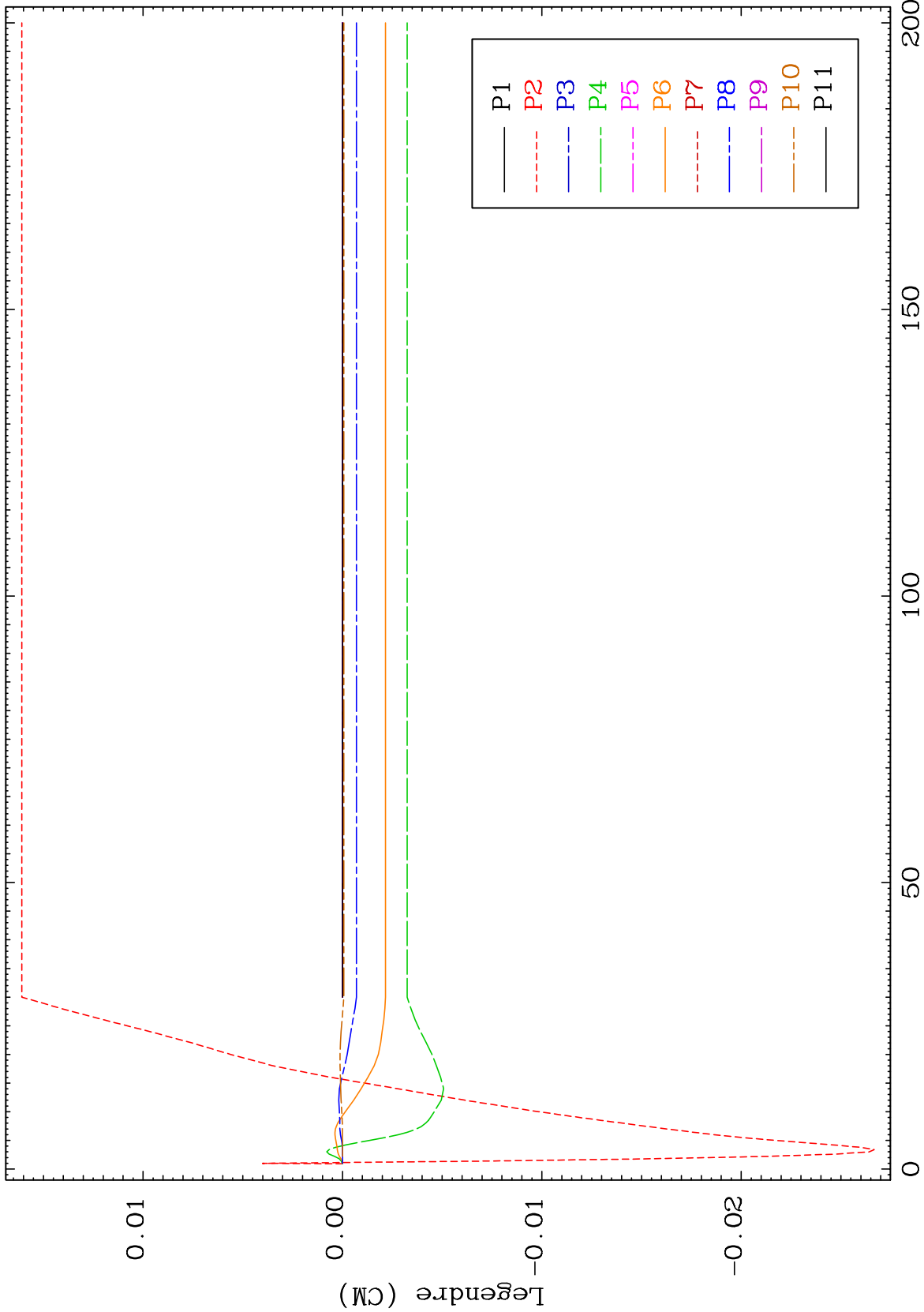
41-Nb-102



MAT 4152

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

41-Nb-102



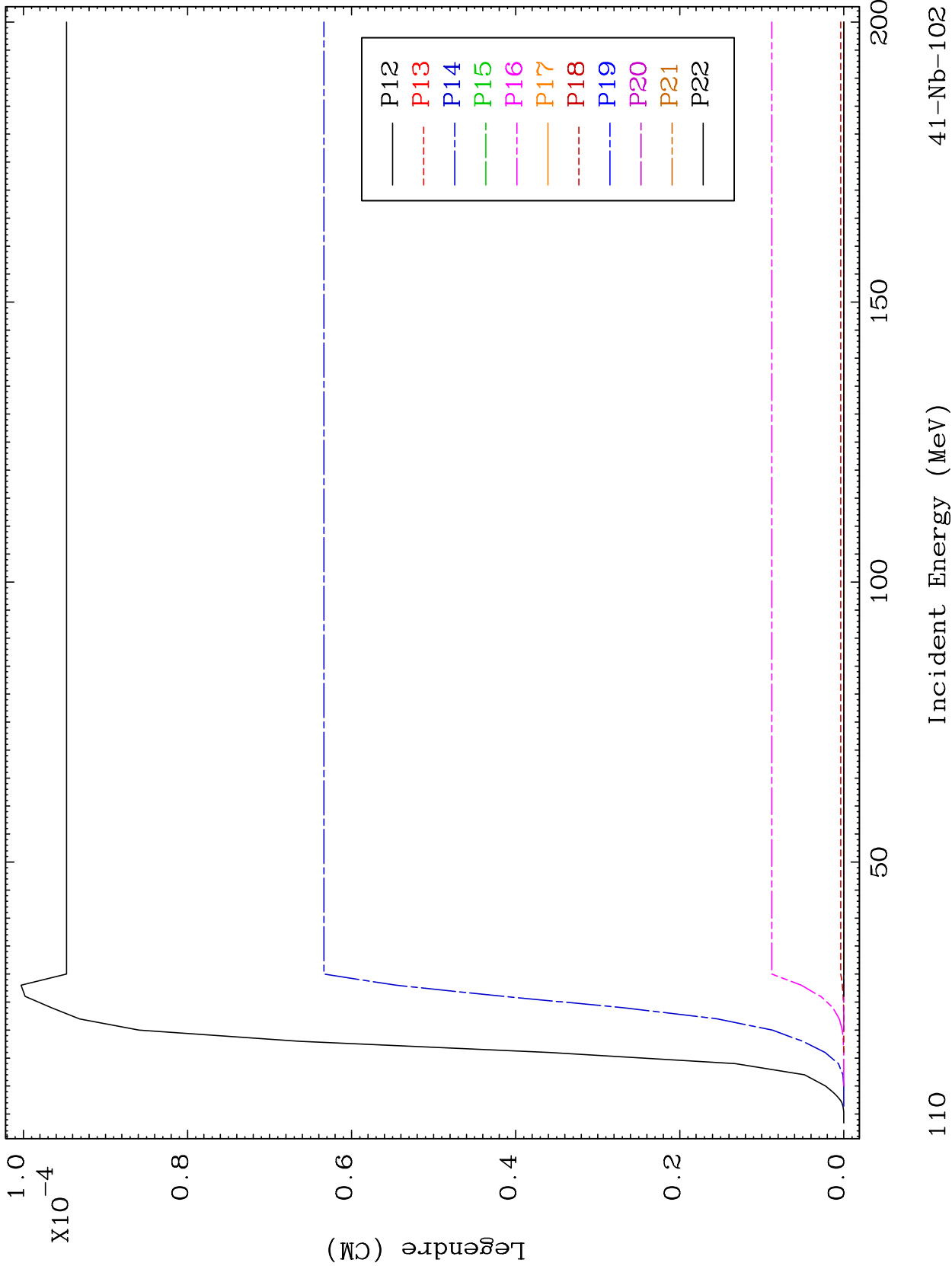
109

41-Nb-102

MAT 4152

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

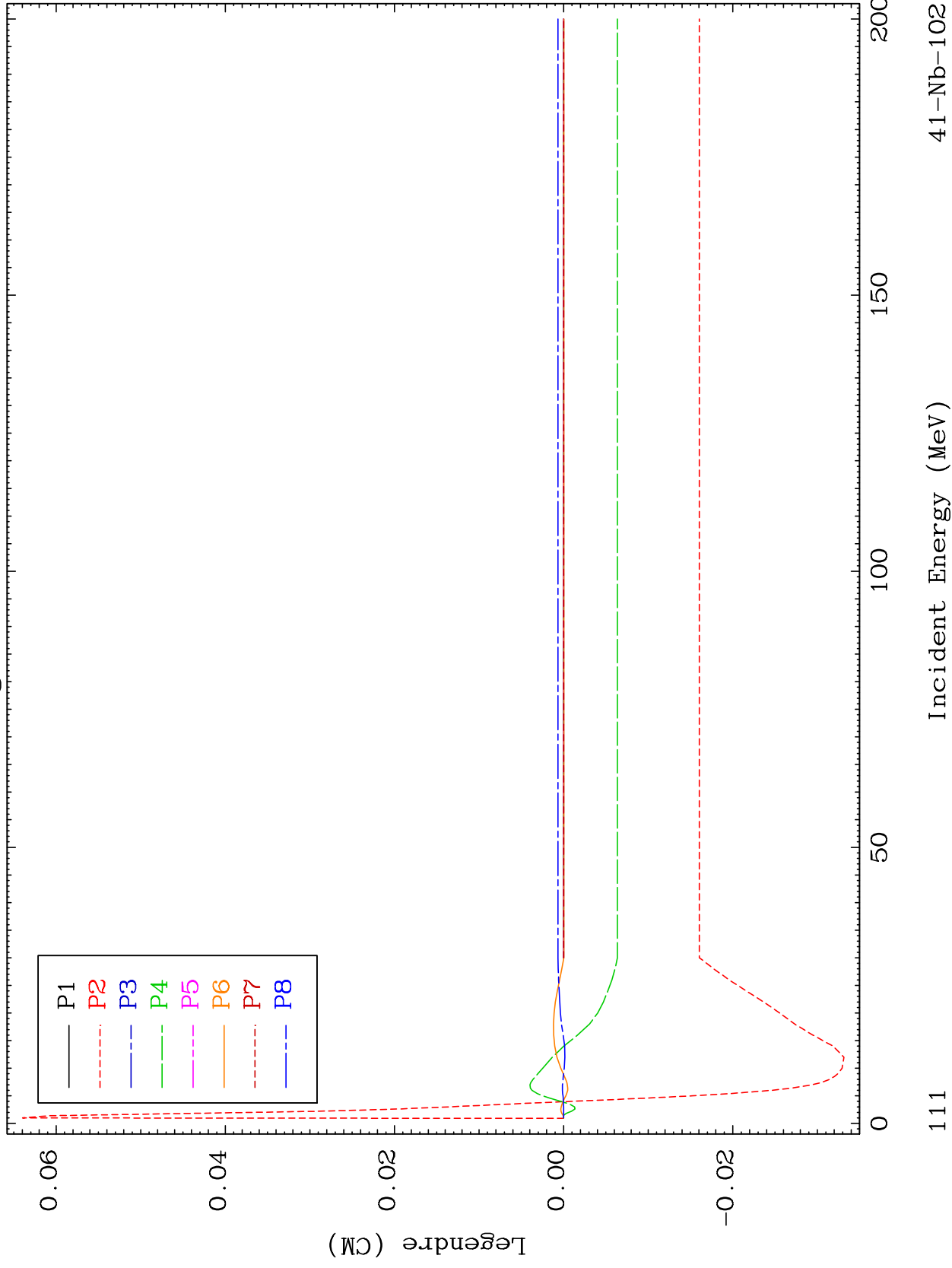
41-Nb-102



MAT 4152

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

41-Nb-102

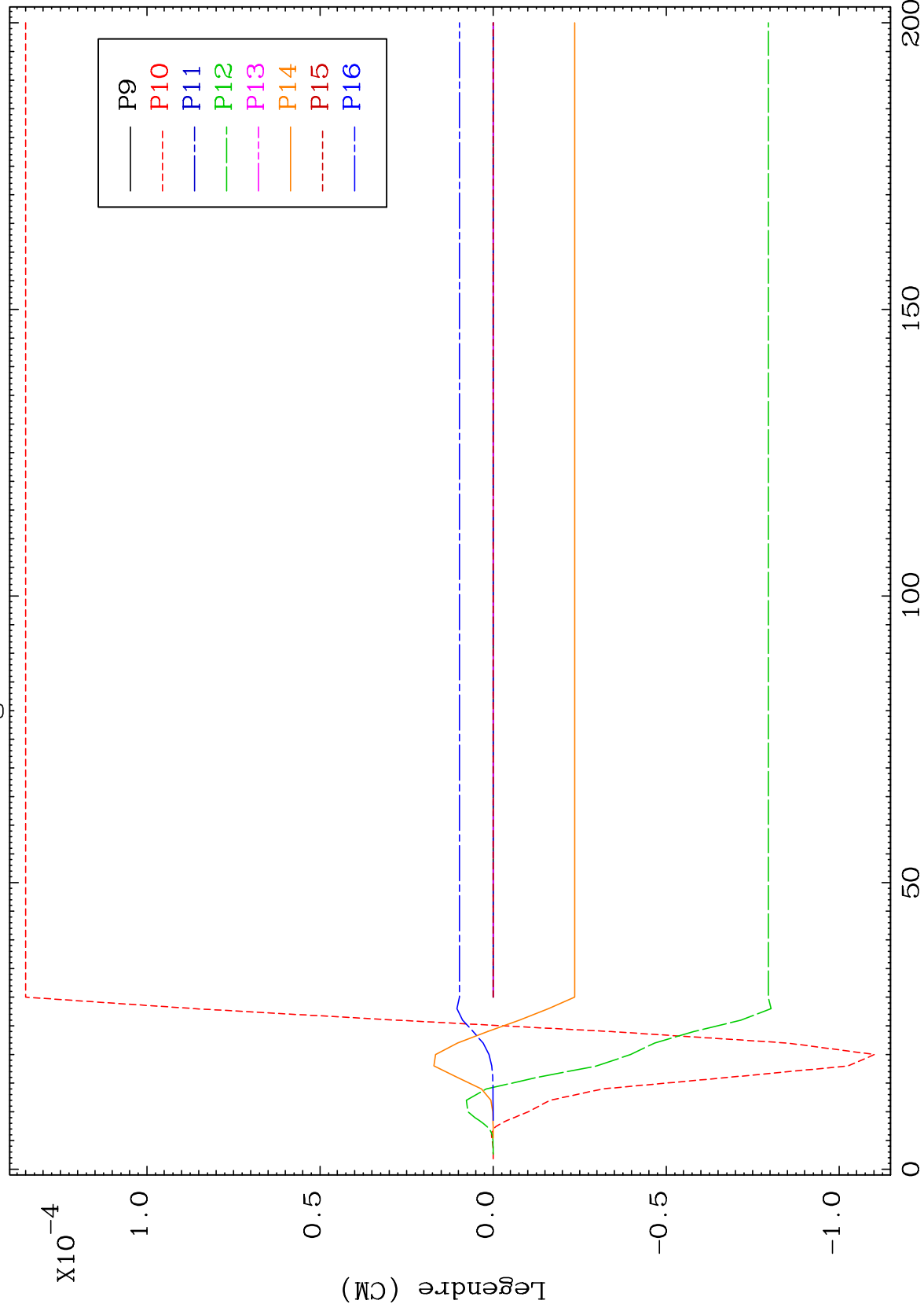




MAT 4152

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

41-Nb-102



112

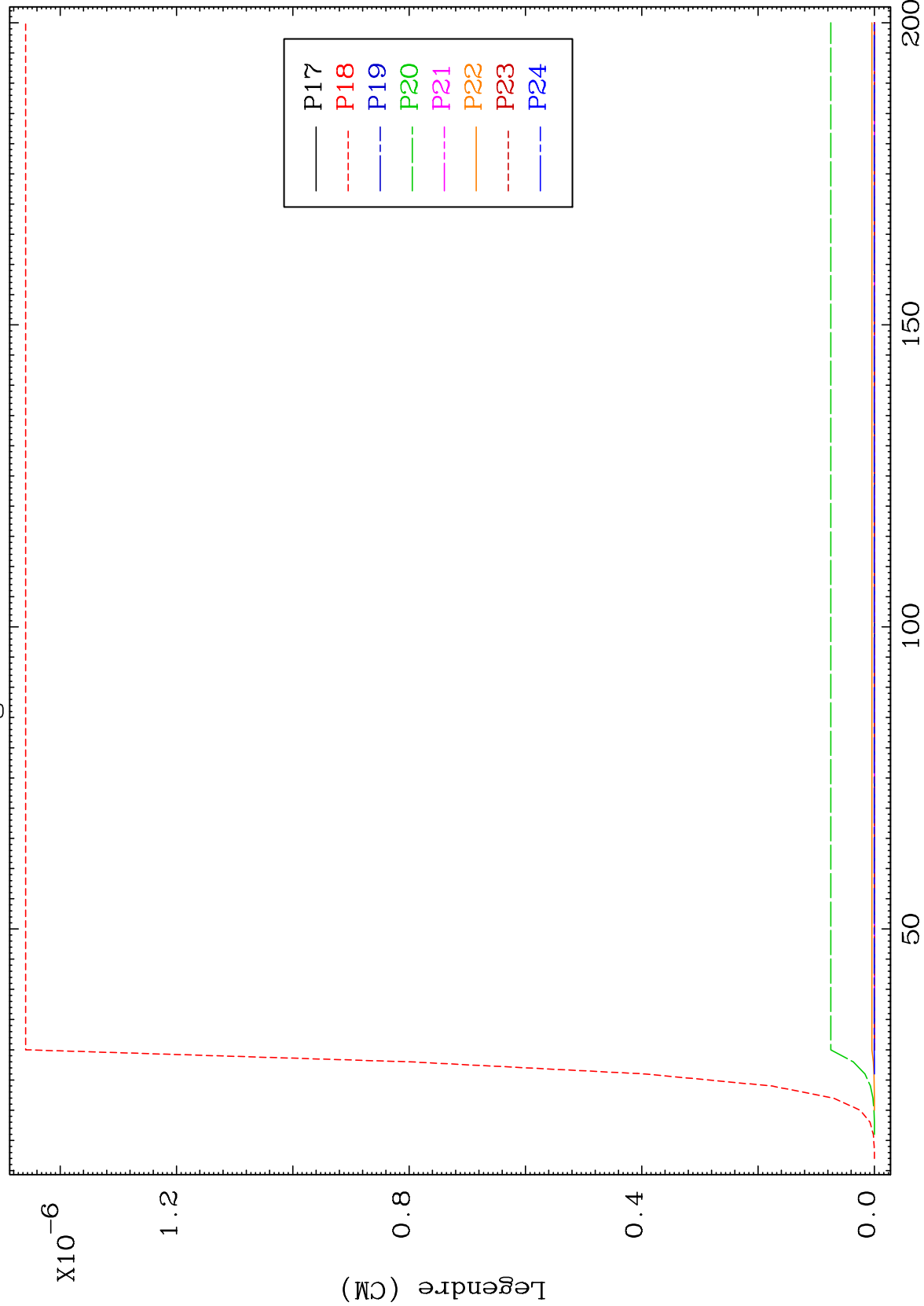
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102



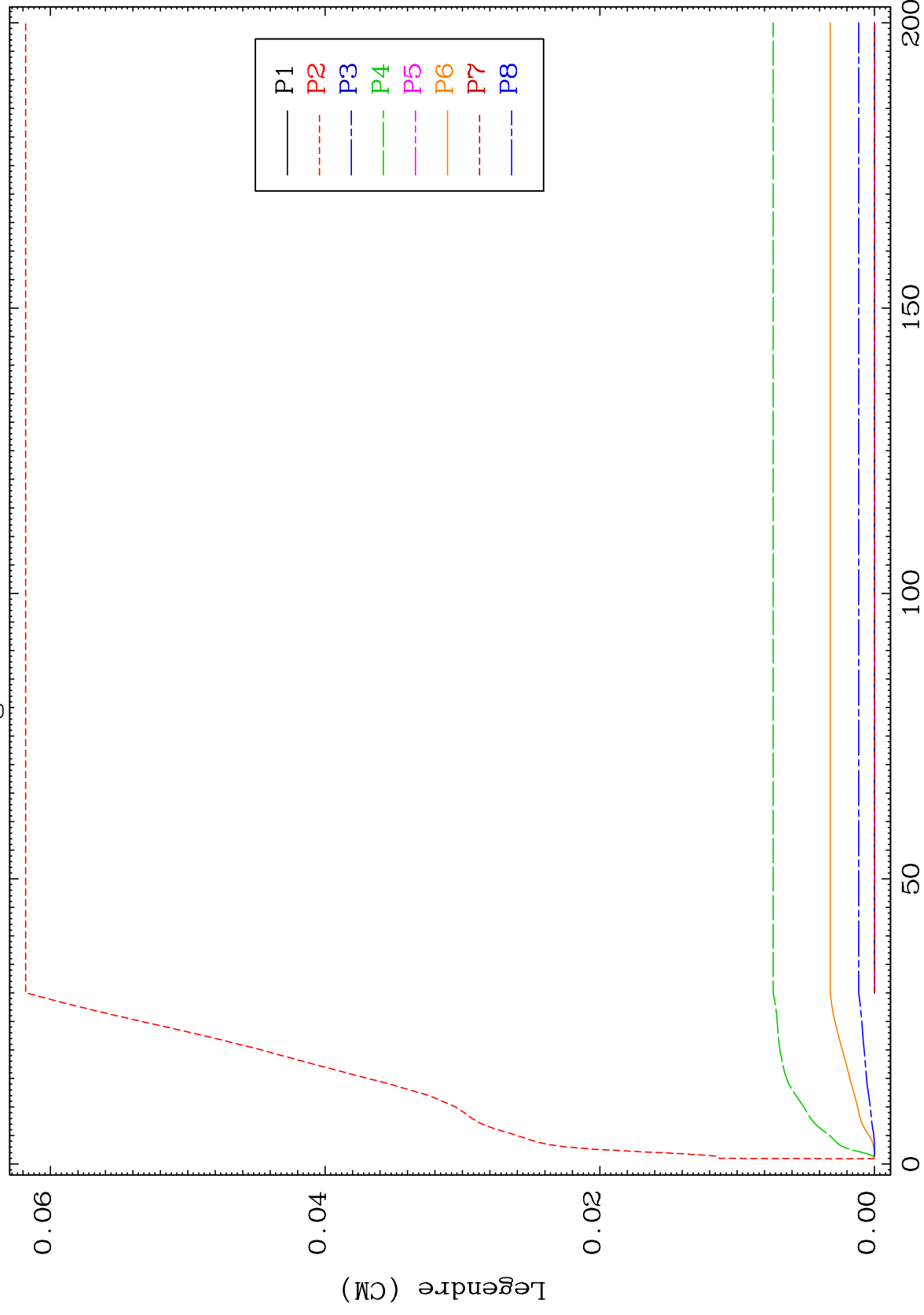
113

41-Nb-102

MAT 4152

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

41-Nb-102



114

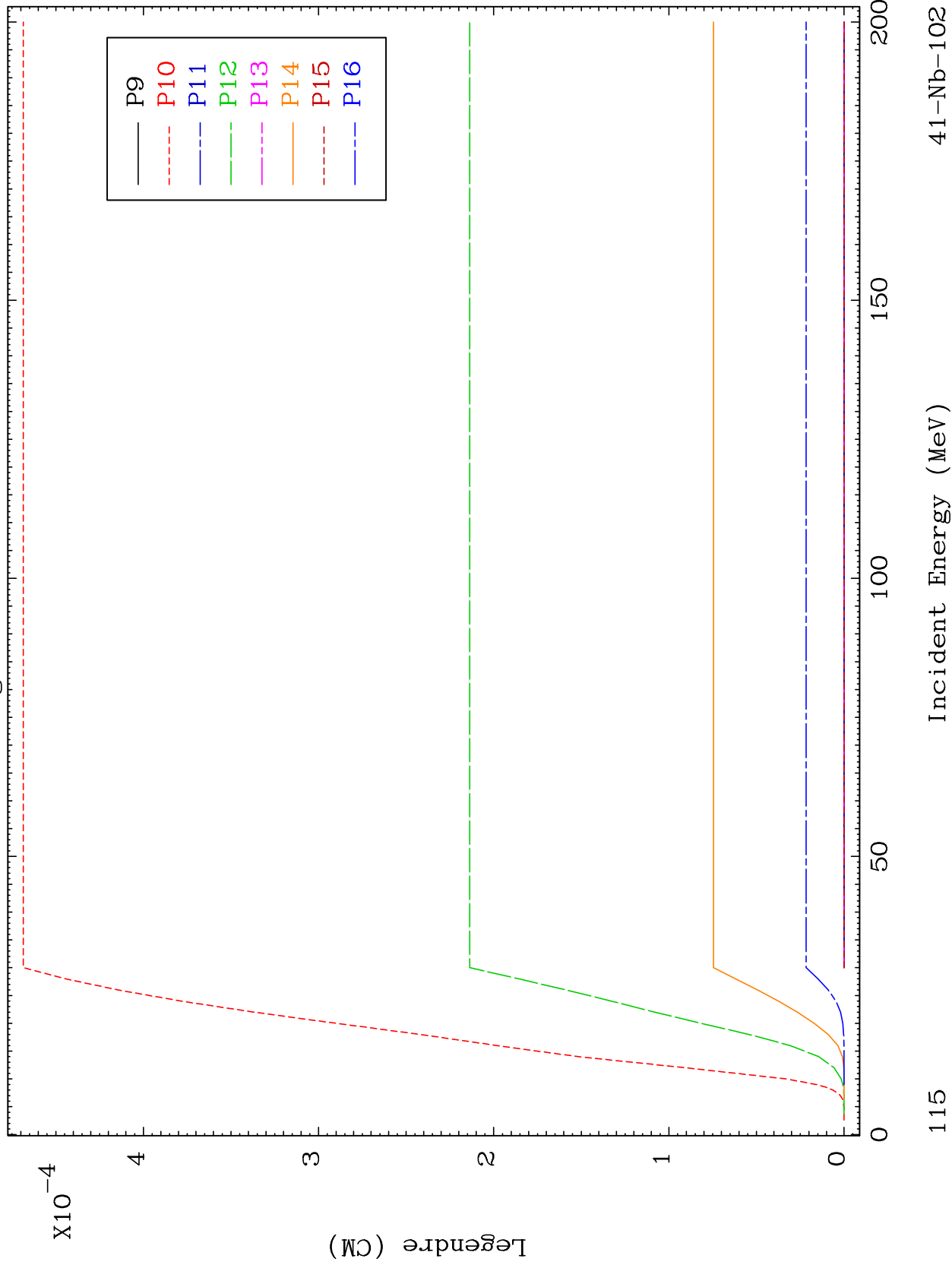
Incident Energy (MeV)

41-Nb-102

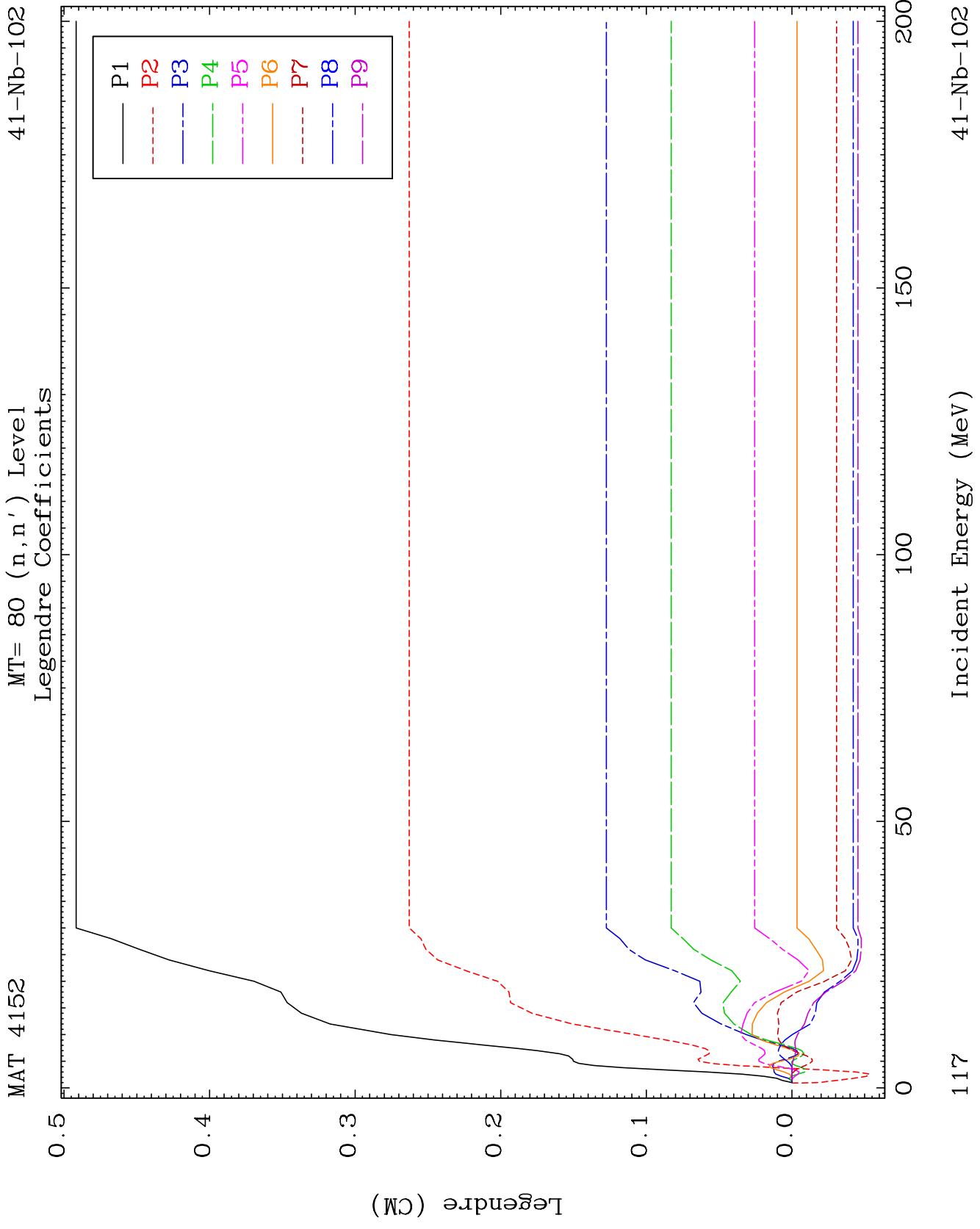
MAT 4152

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

41-Nb-102



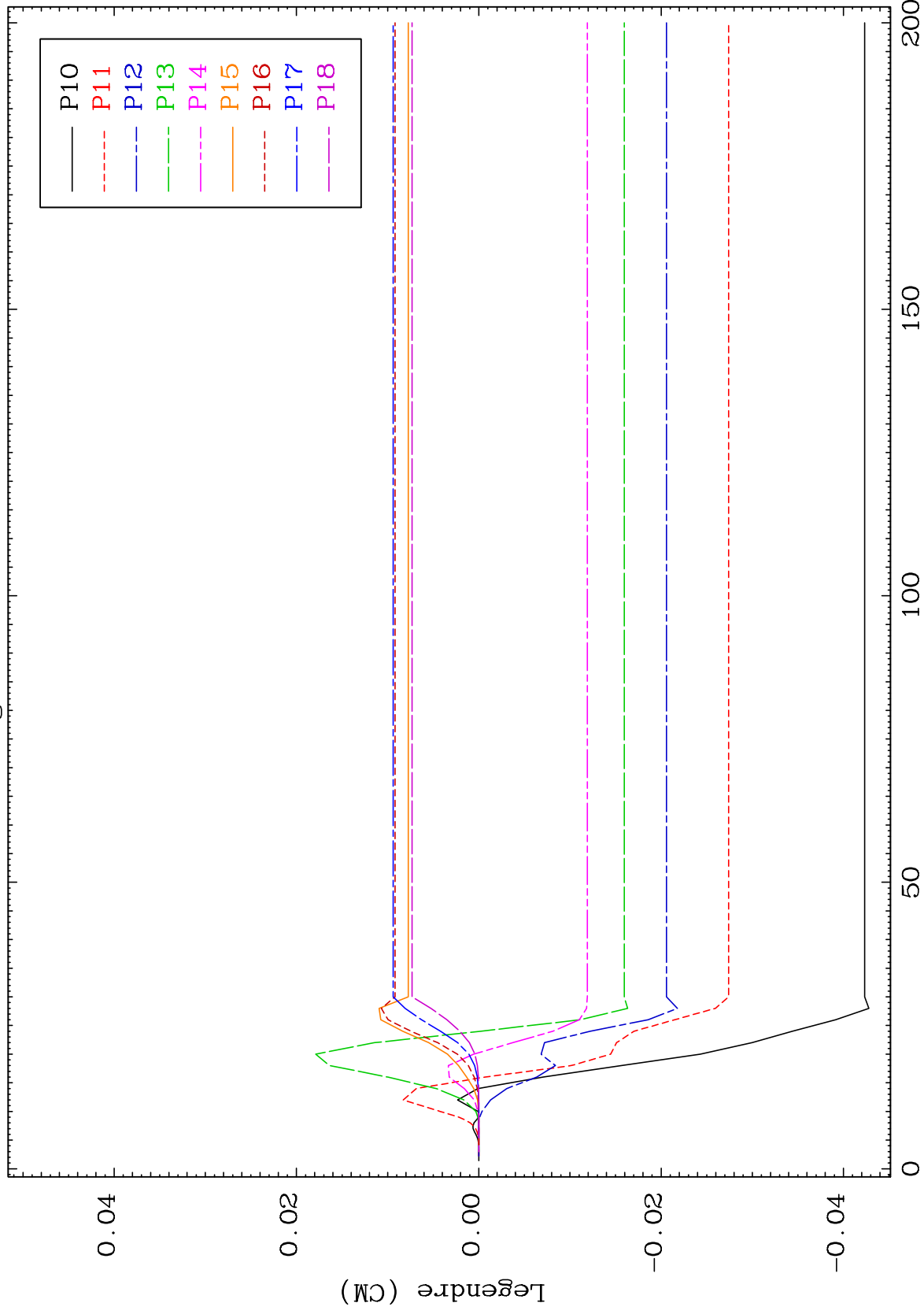




MAT 4152

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

41-Nb-102



118

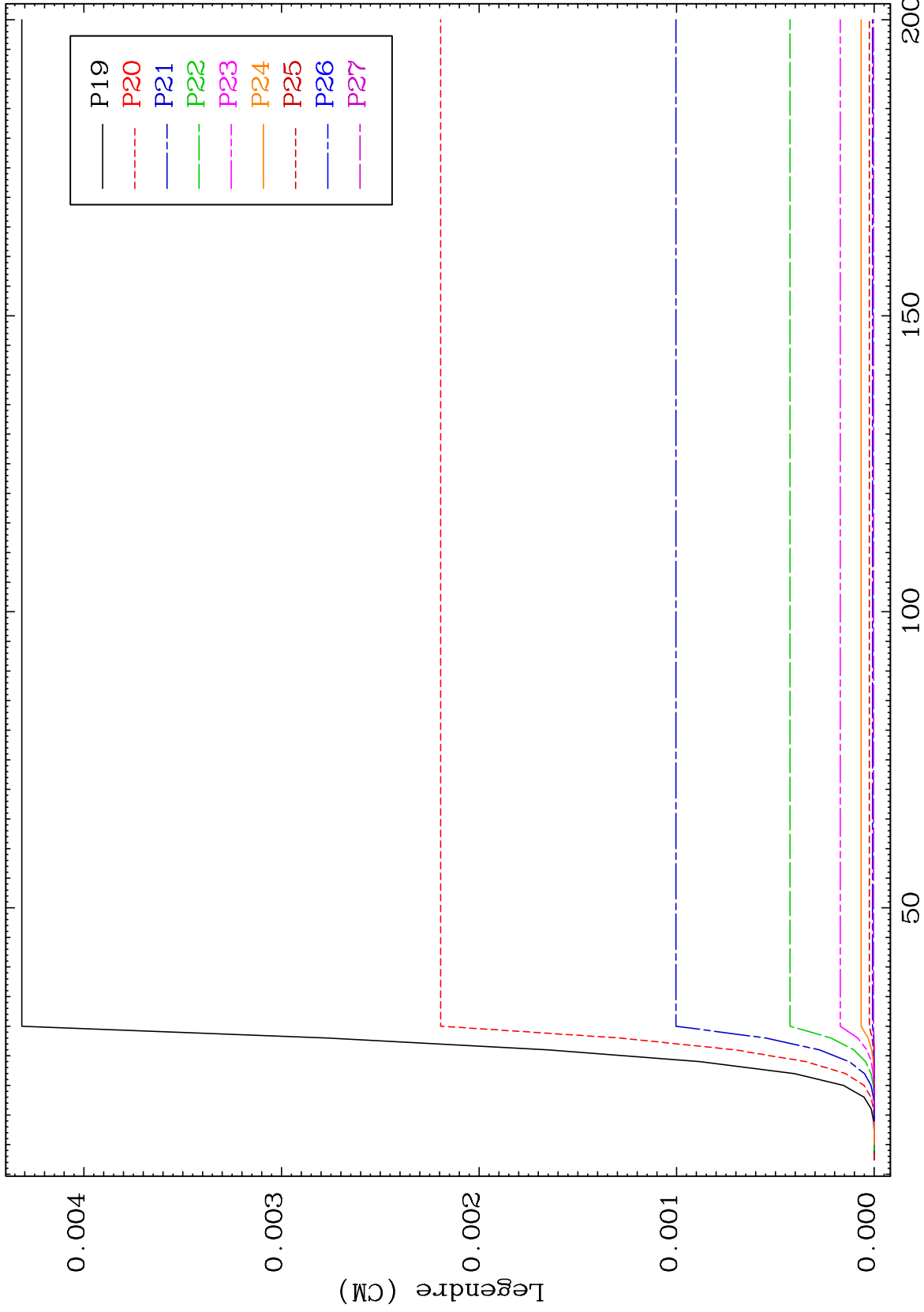
Incident Energy (MeV)

41-Nb-102

MAT 4152

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

41-Nb-102



119

Incident Energy (MeV)

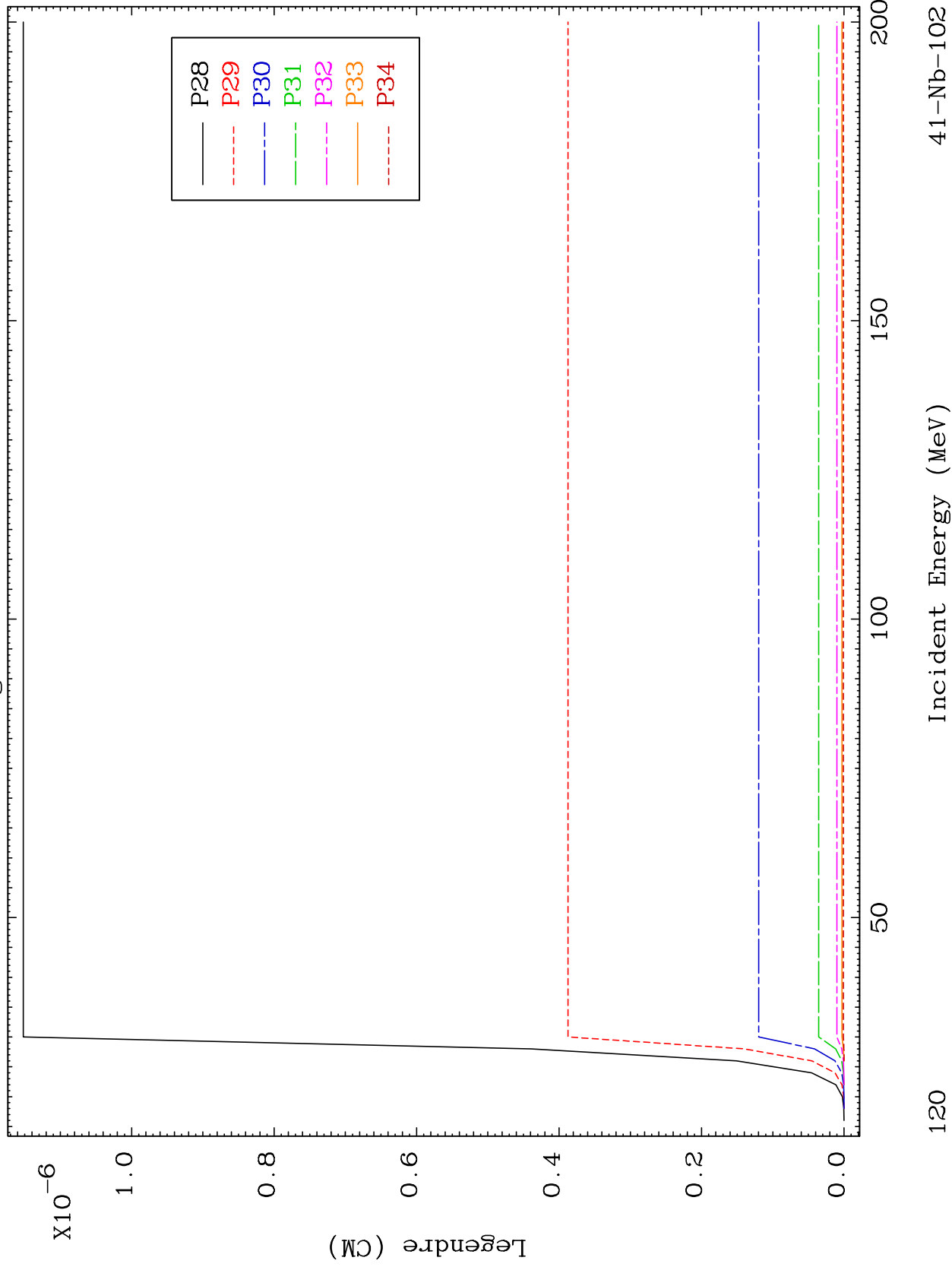
41-Nb-102



MAT 4152

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

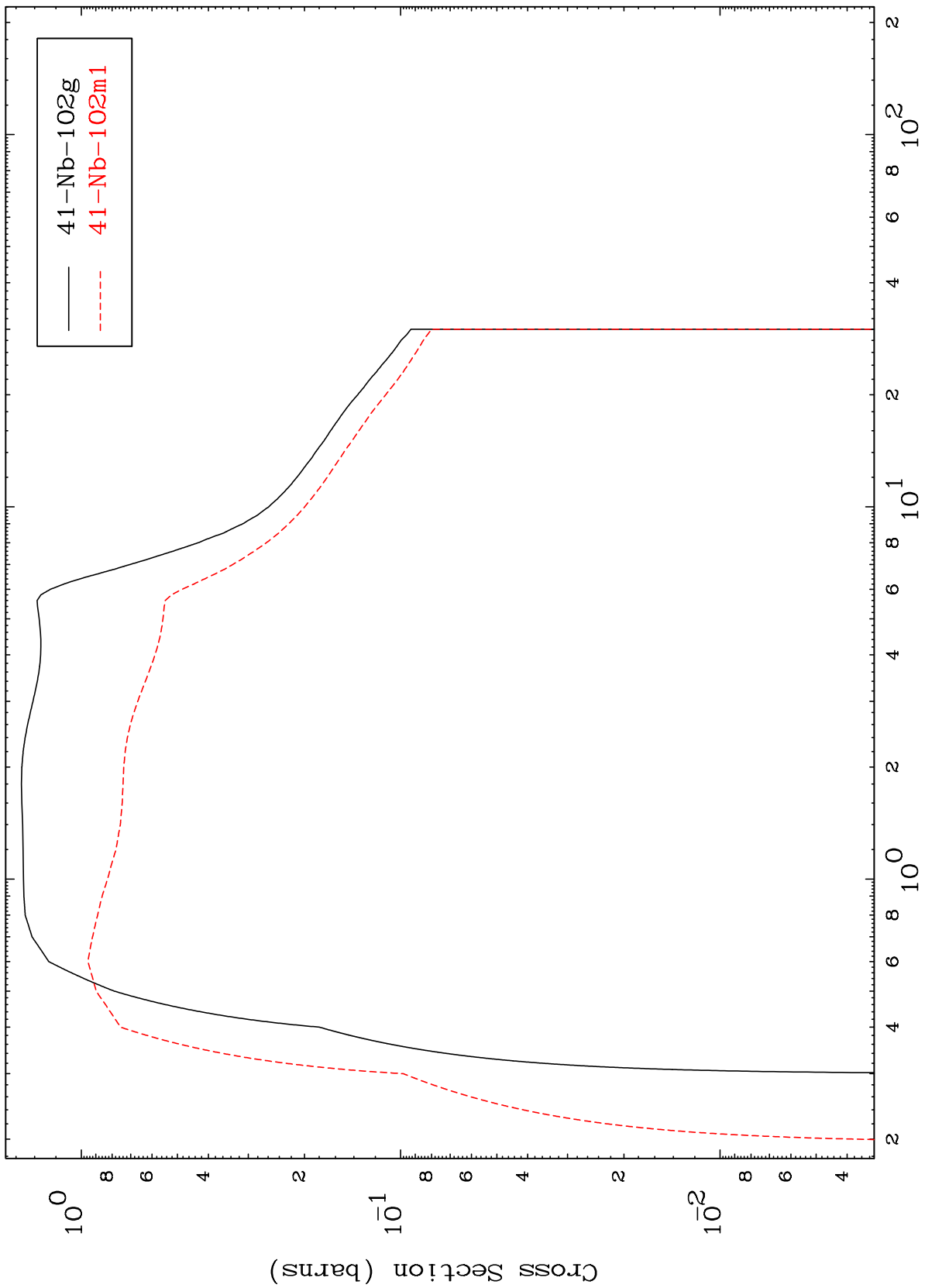
41-Nb-102



MAT 4152

41-Nb-102

Inelastic  
Radionuclide Production Cross Section



121

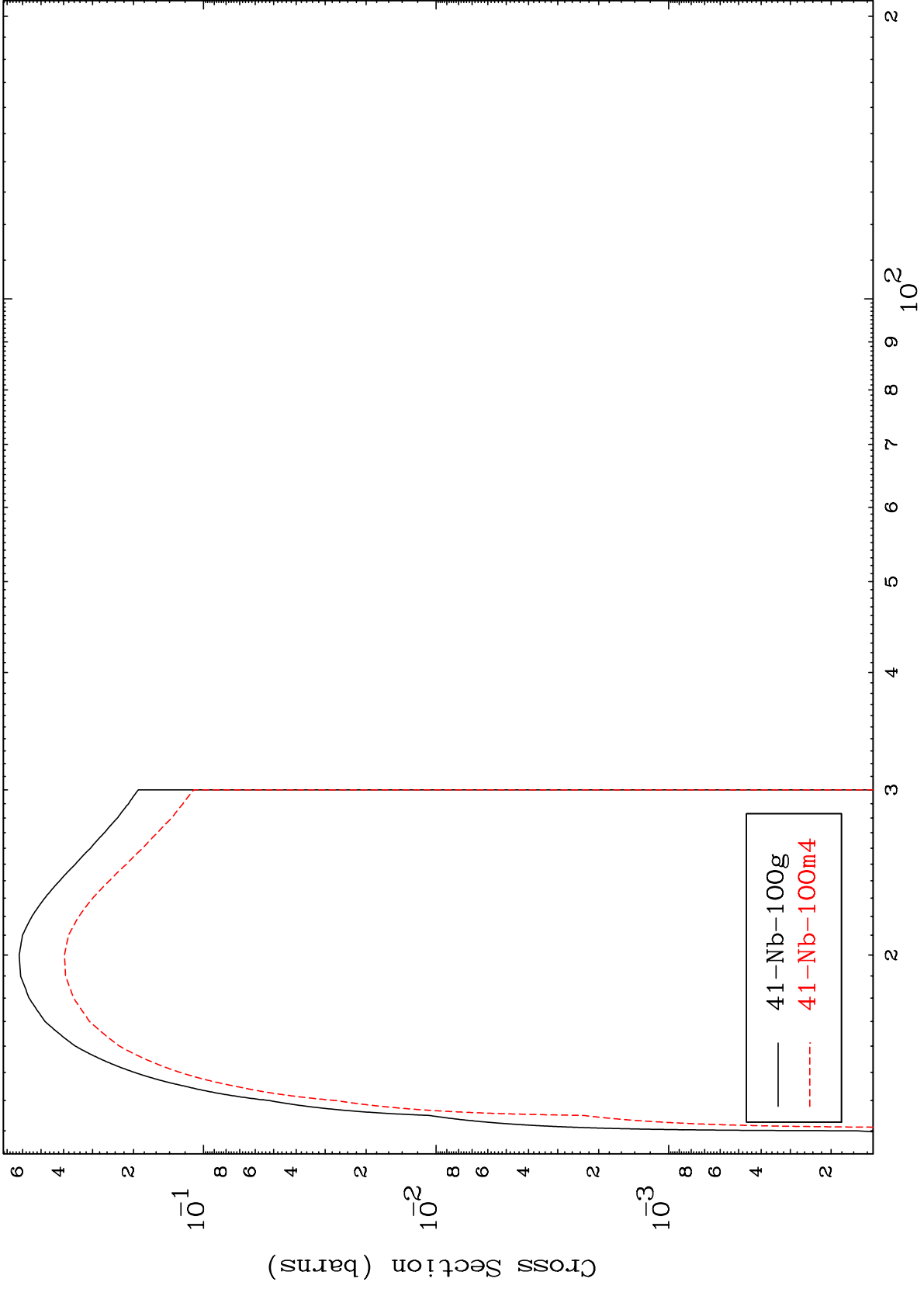
Incident Energy (MeV)

41-Nb-102

MAT 4152

41-Nb-102

(n,3n)  
Radionuclide Production Cross Section



122

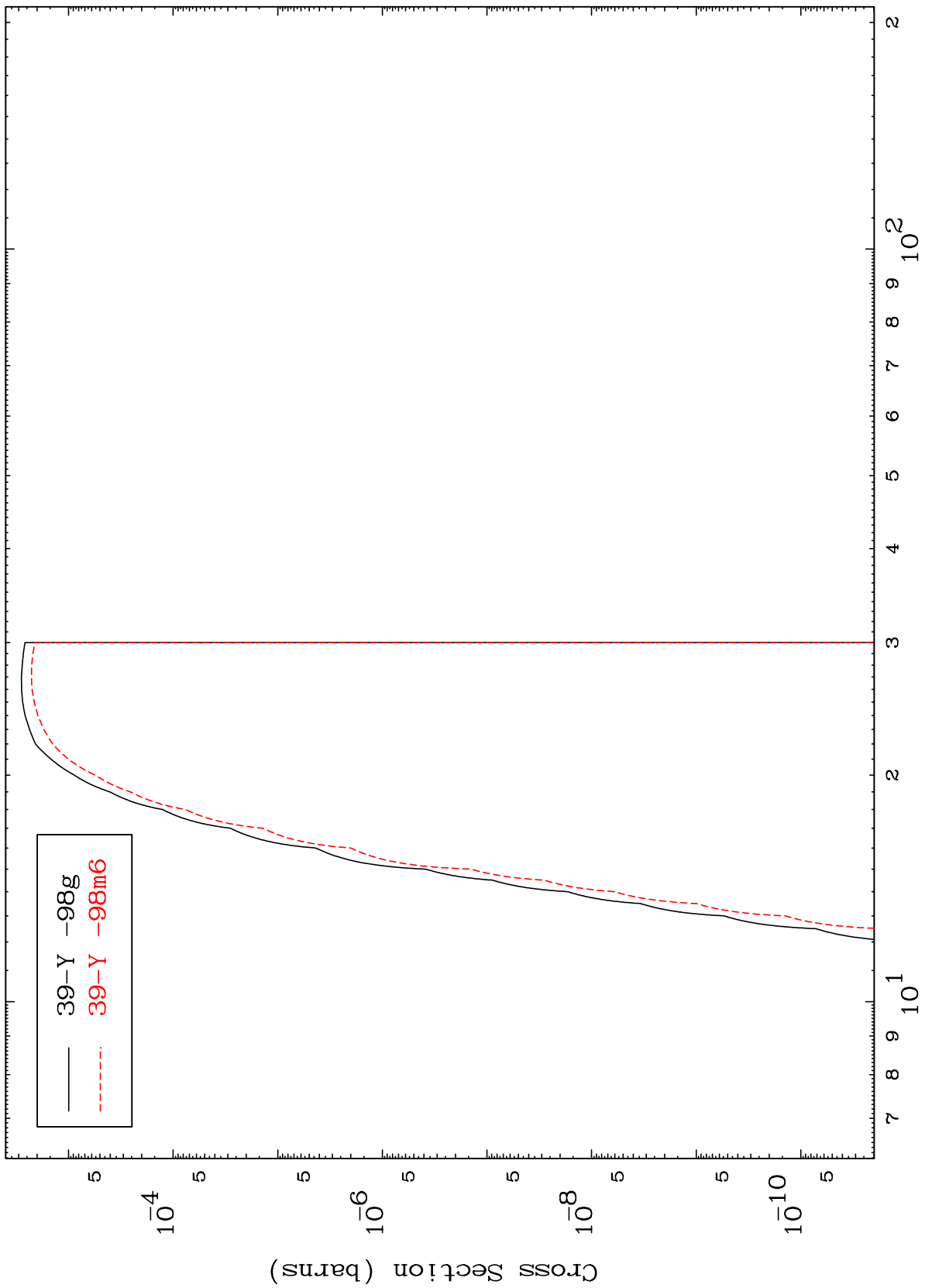
41-Nb-102

Incident Energy (MeV)

MAT 4152

41-Nb-102

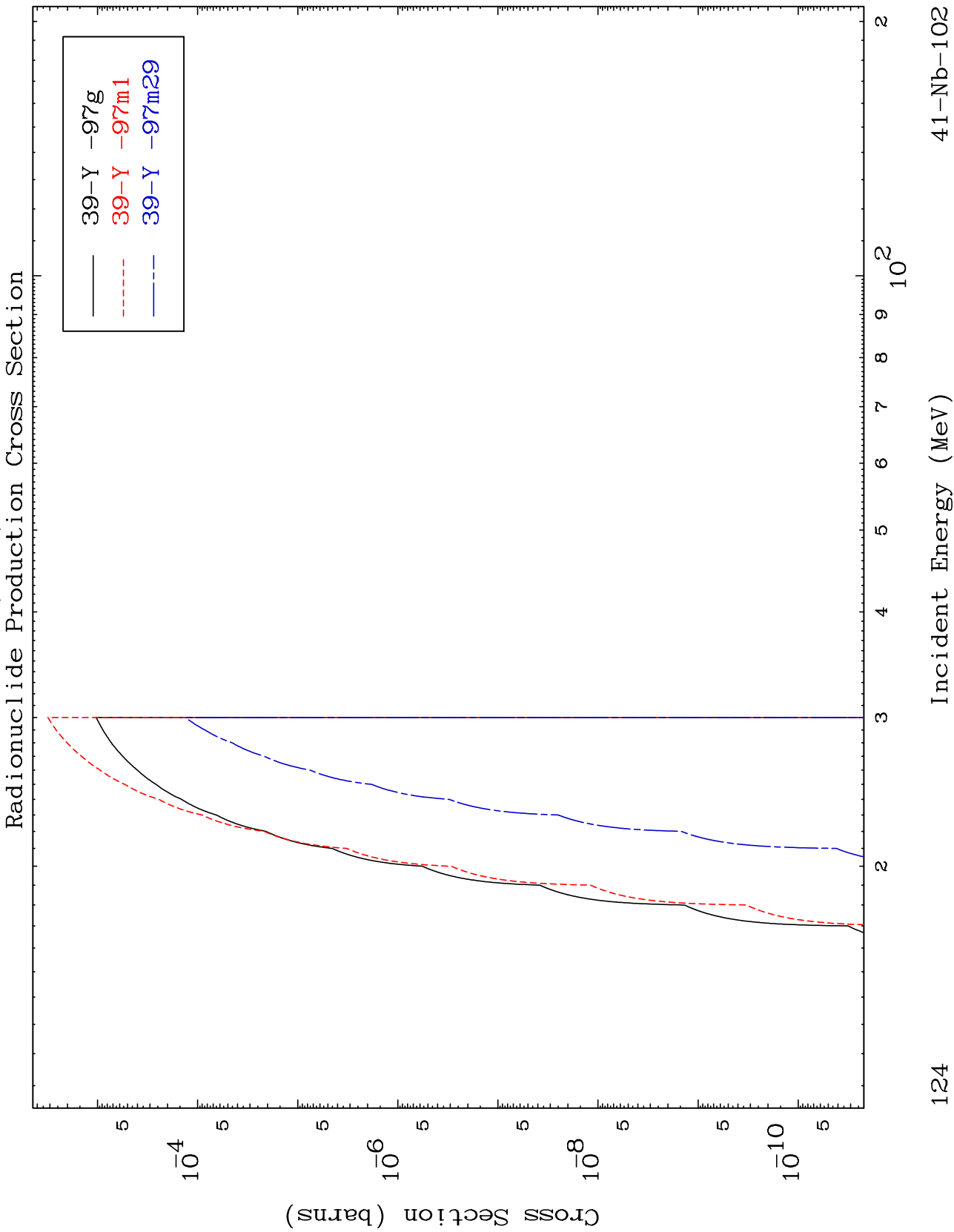
$(n, n') \alpha$   
Radionuclide Production Cross Section



123

Incident Energy (MeV)

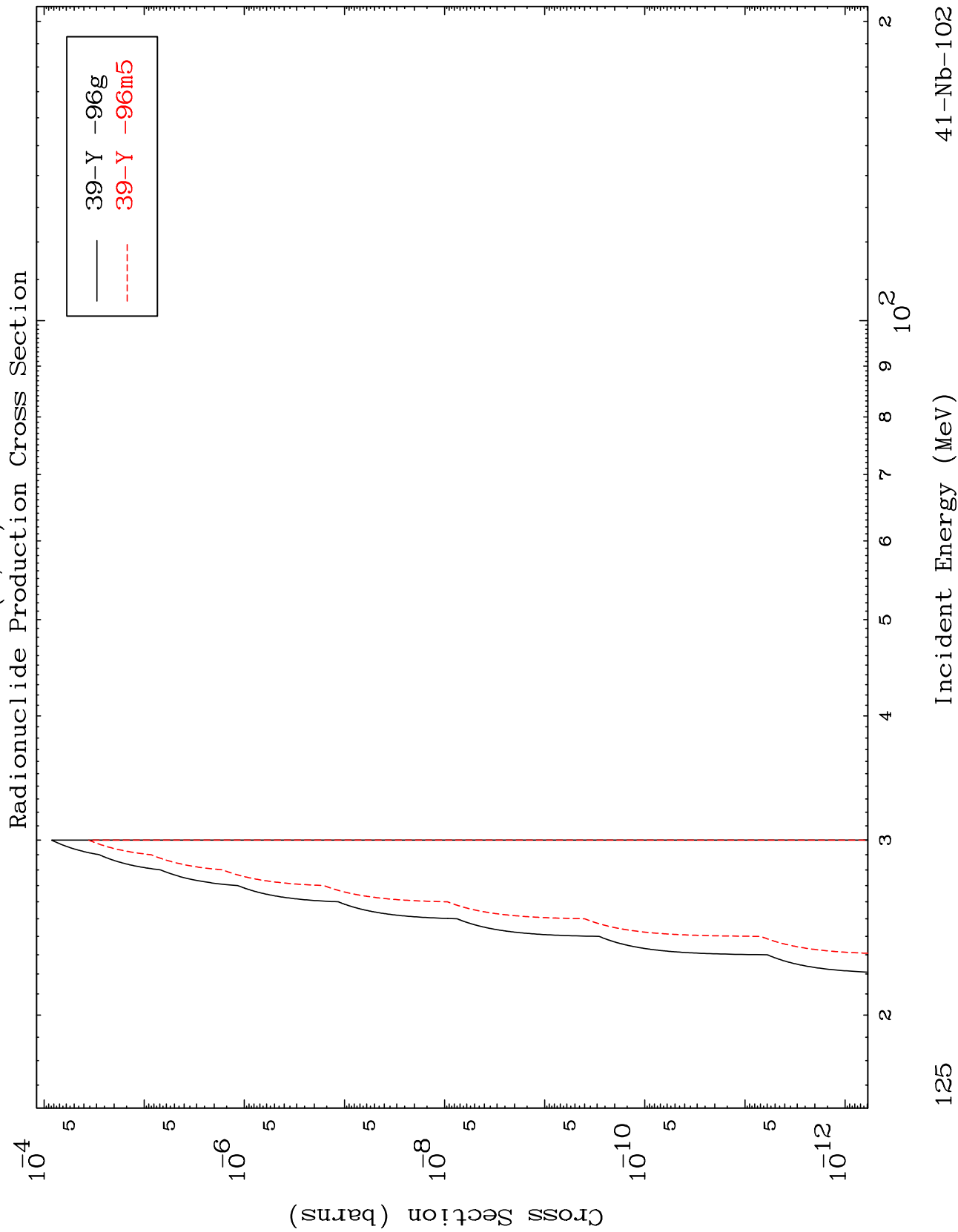
41-Nb-102



MAT 4152

$(n,3n) \alpha$

41-Nb-102



125

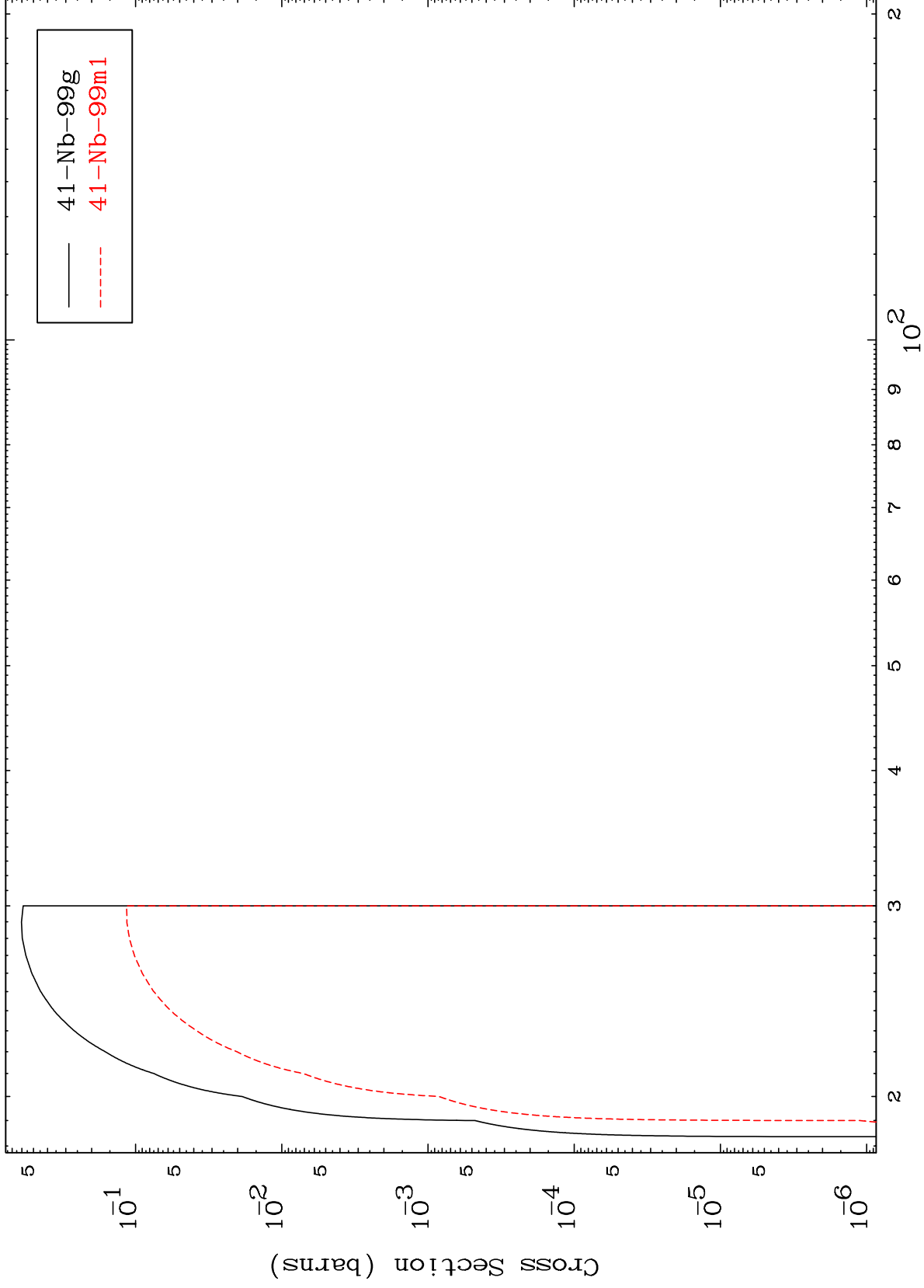
41-Nb-102

MAT 4152

(n,4n)

41-Nb-102

Radionuclide Production Cross Section



126

Incident Energy (MeV)

41-Nb-102

Radionuclide Production Cross Section

