

Program EVALPLOT
(Version 2017-1)

by

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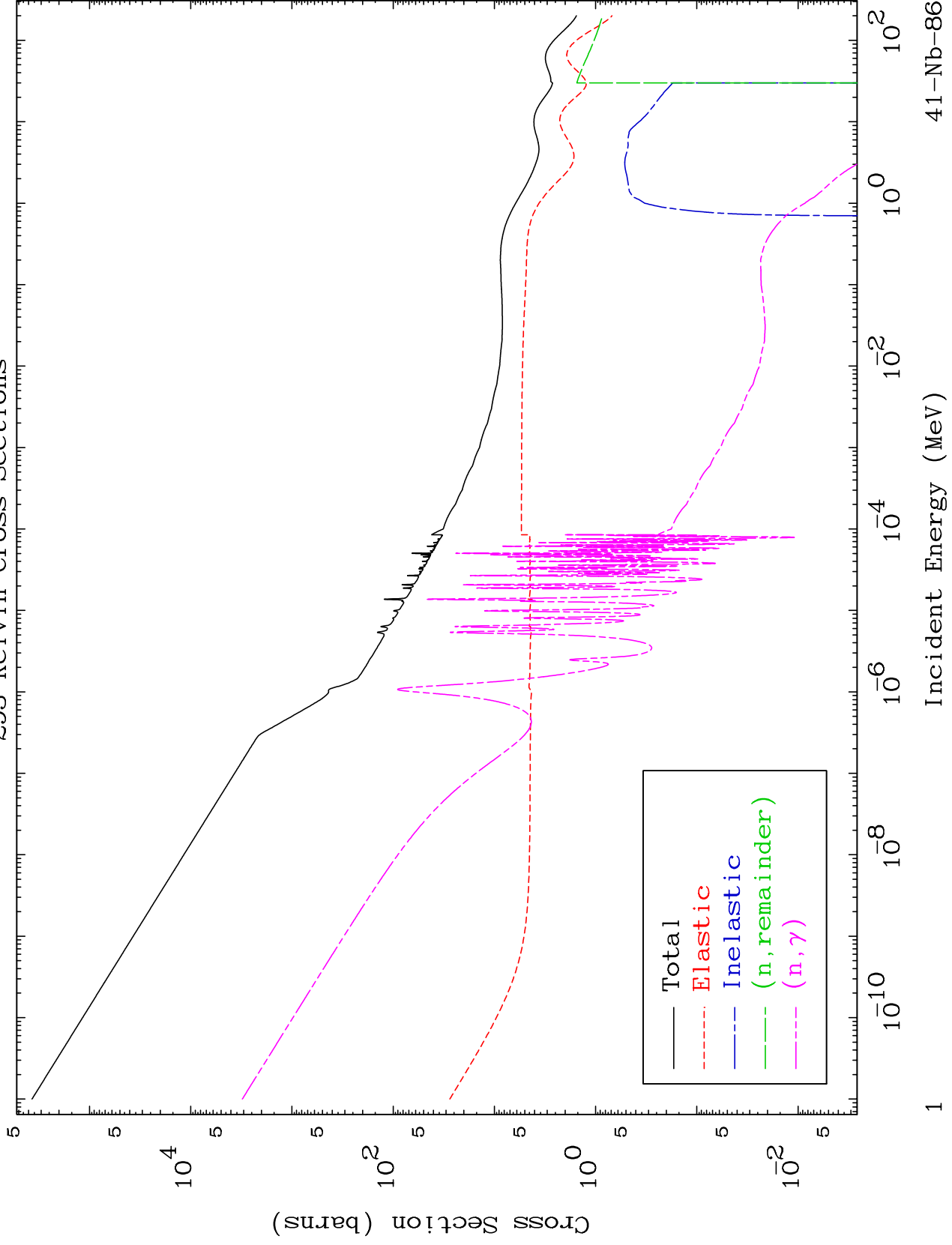
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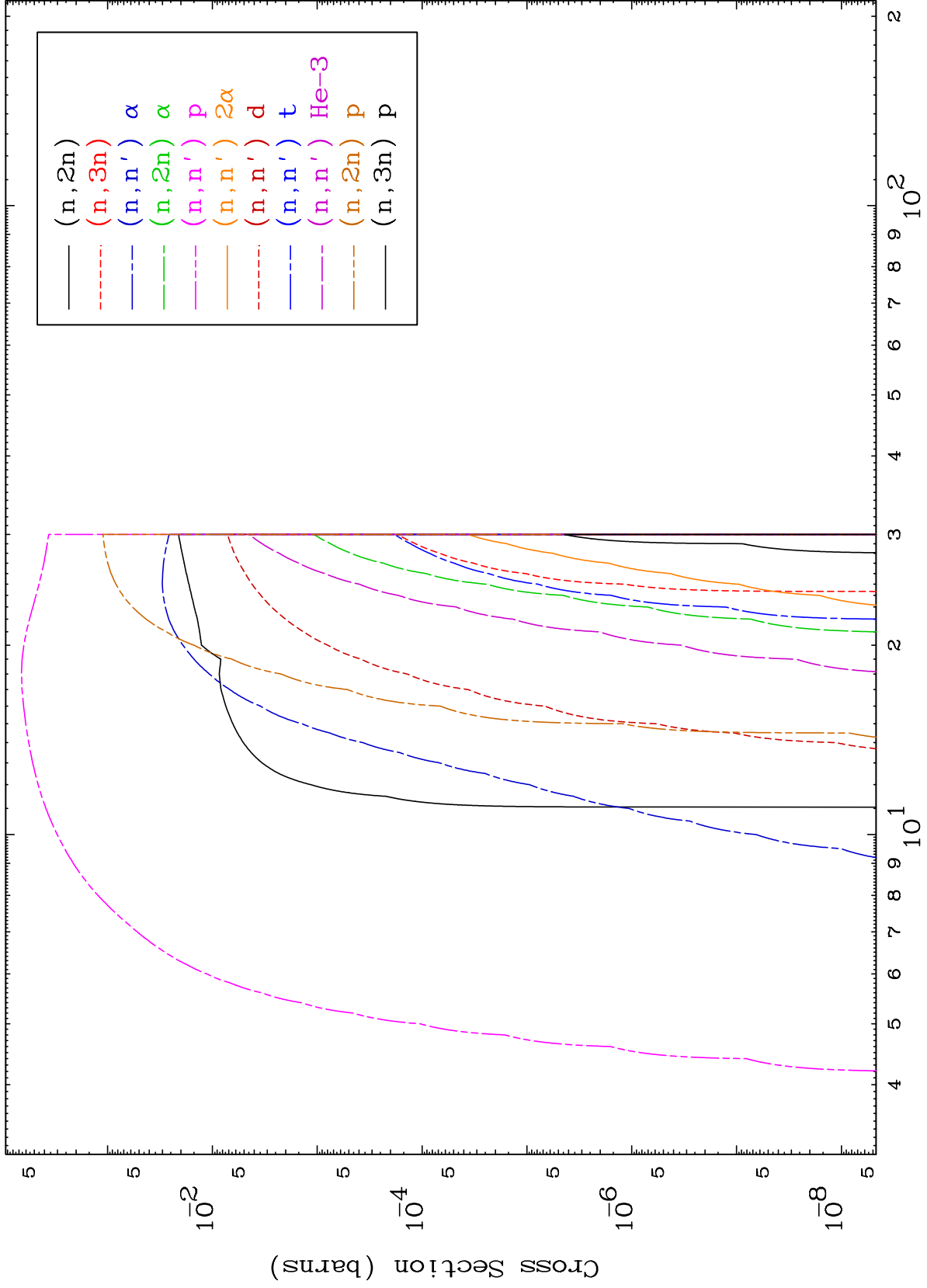
Press Mouse Button to Start

MAT 4104

Major
293 Kelvin Cross Sections

41-Nb-86

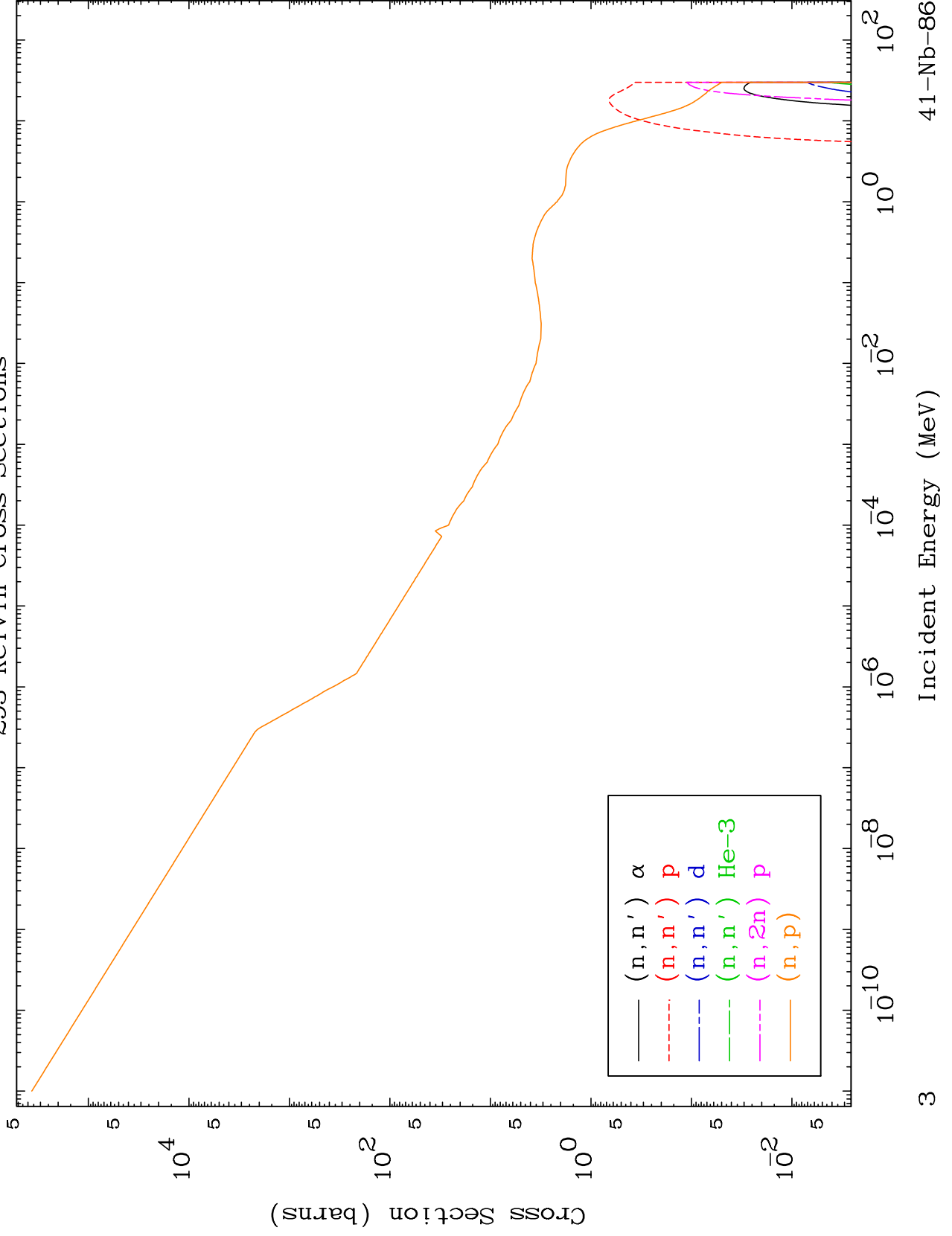




MAT 4104

Charged Particle
293 Kelvin Cross Sections

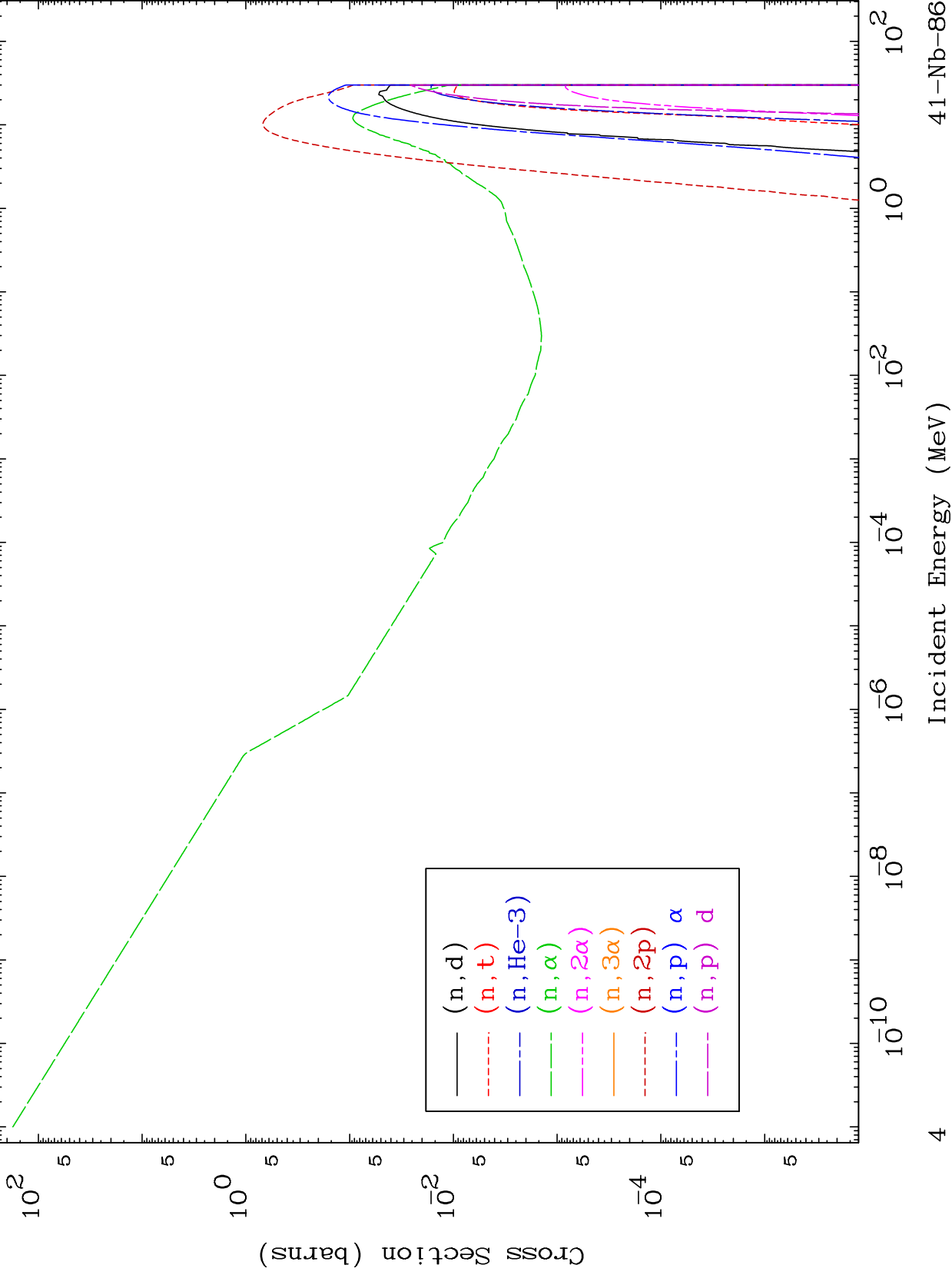
41-Nb-86

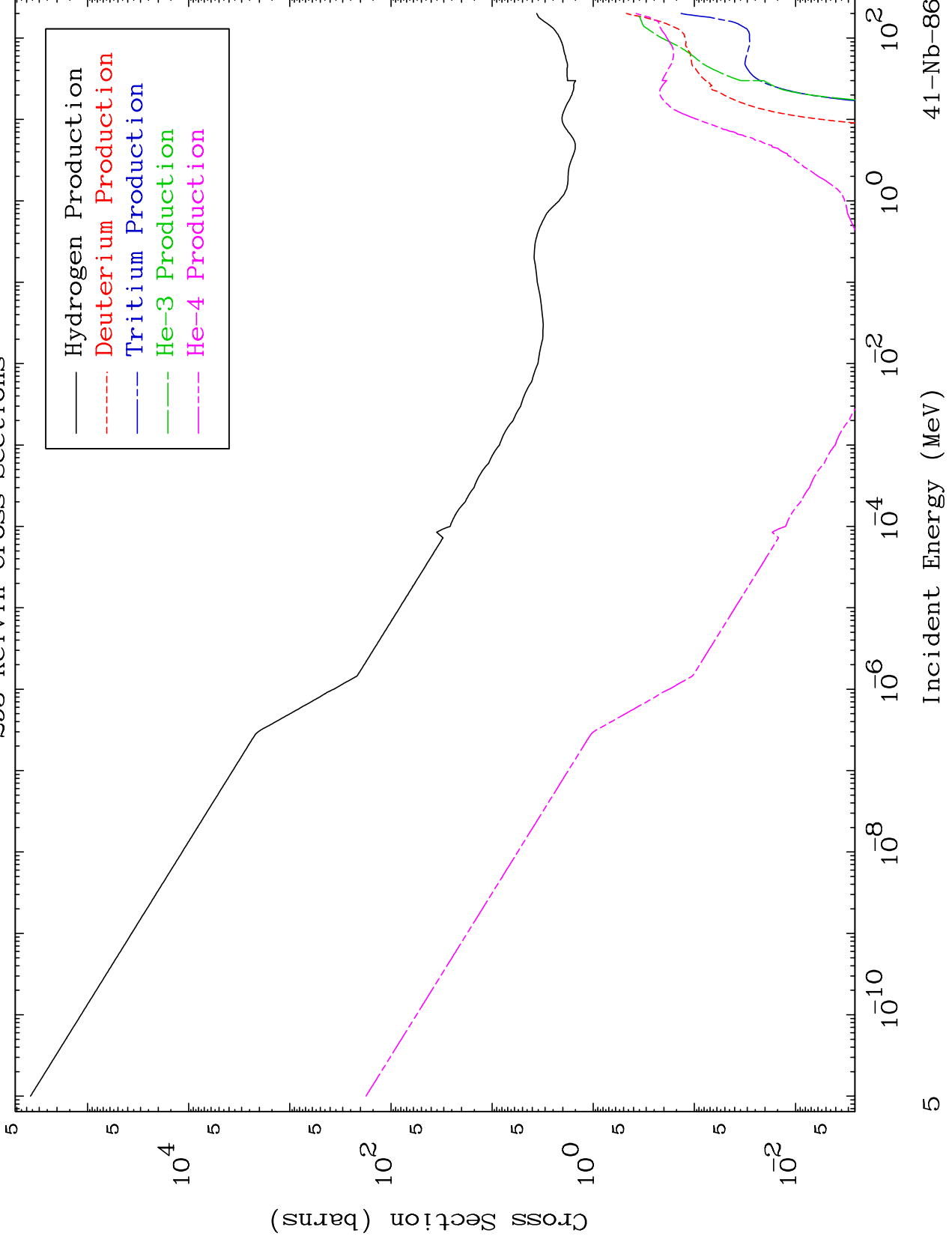


MAT 4104

Charged Particle
293 Kelvin Cross Sections

41-Nb-86



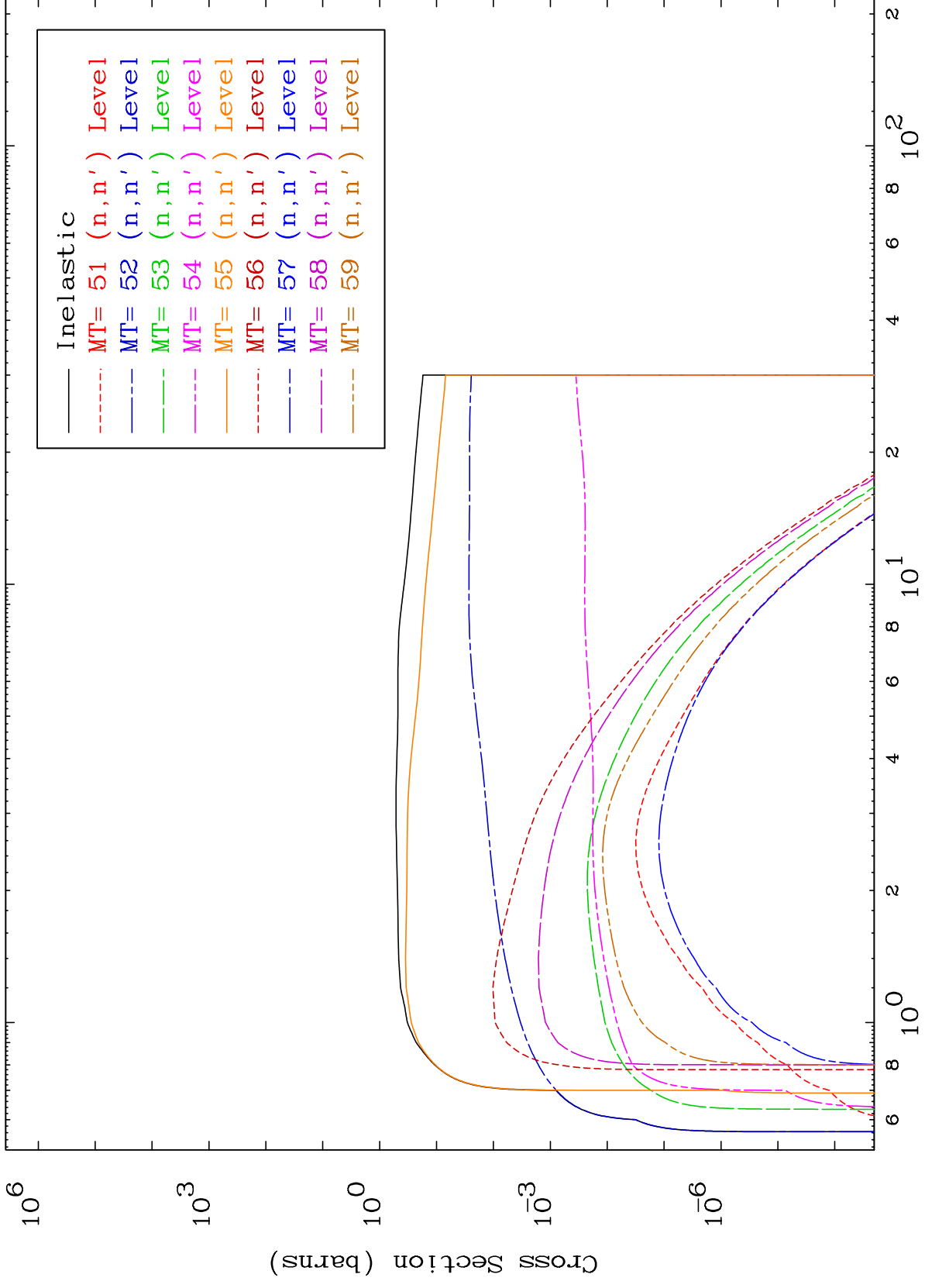


MAT 4104

(n,n') Level

41-Nb-86

293 Kelvin Cross Sections



6

Incident Energy (MeV)

41-Nb-86

MAT 4104

(n,n') Level

41-Nb-86

293 Kelvin Cross Sections

10^6

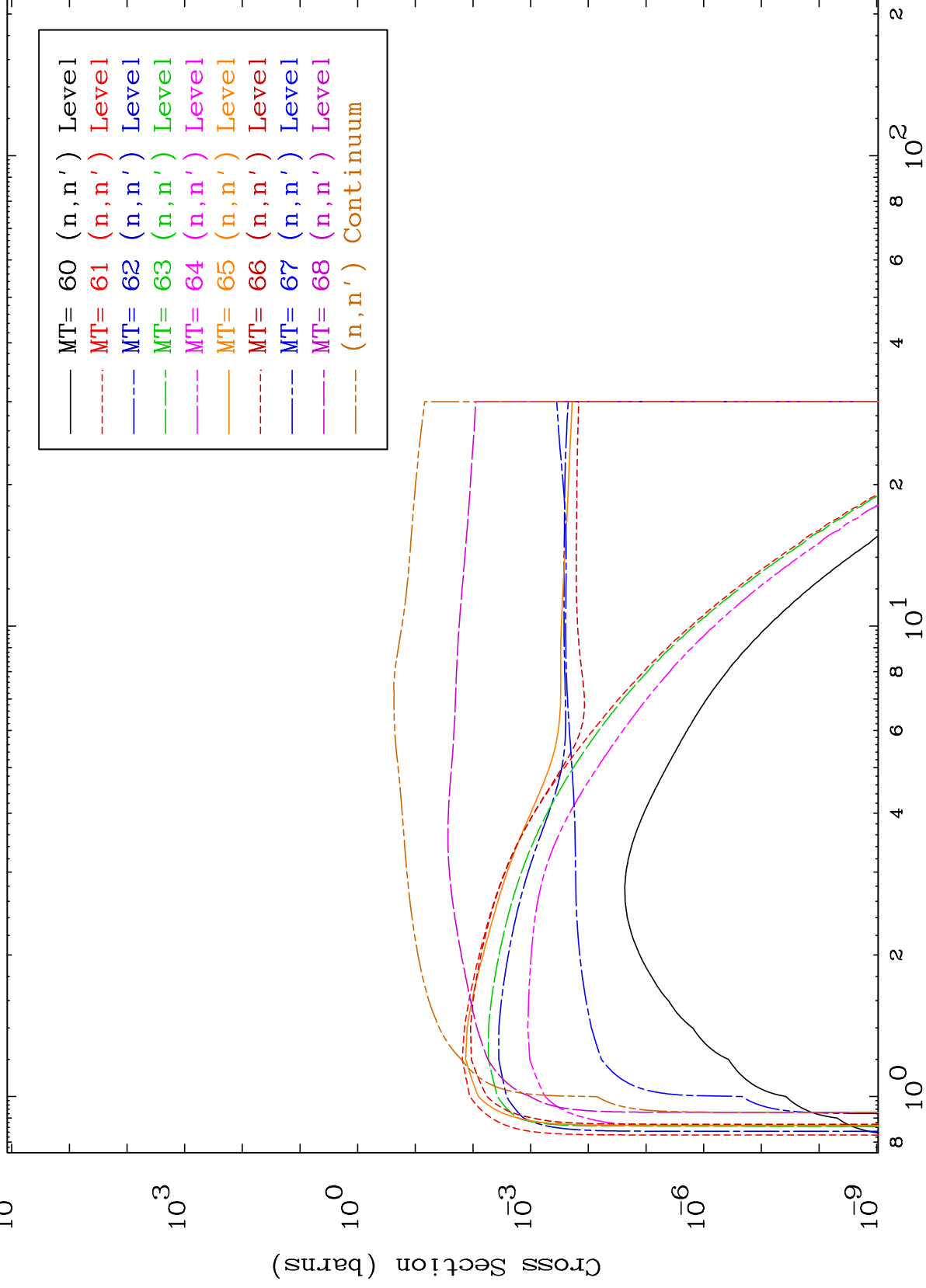
10^3

10^0

10^{-3}

10^{-6}

10^{-9}



Incident Energy (MeV)

7

8

10⁰

10¹

10²

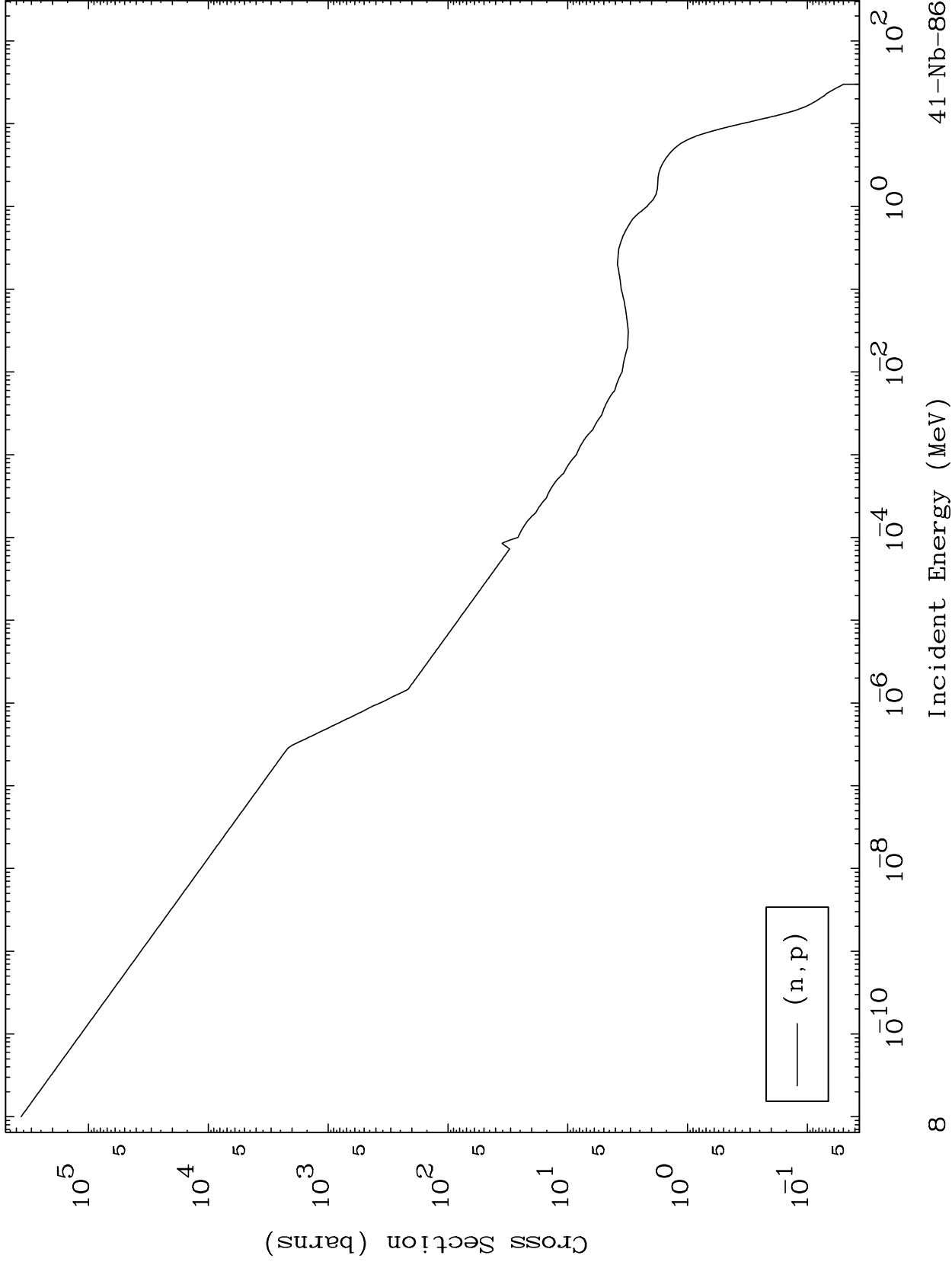
2

41-Nb-86

MAT 4104

(n,p) Levels
293 Kelvin Cross Sections

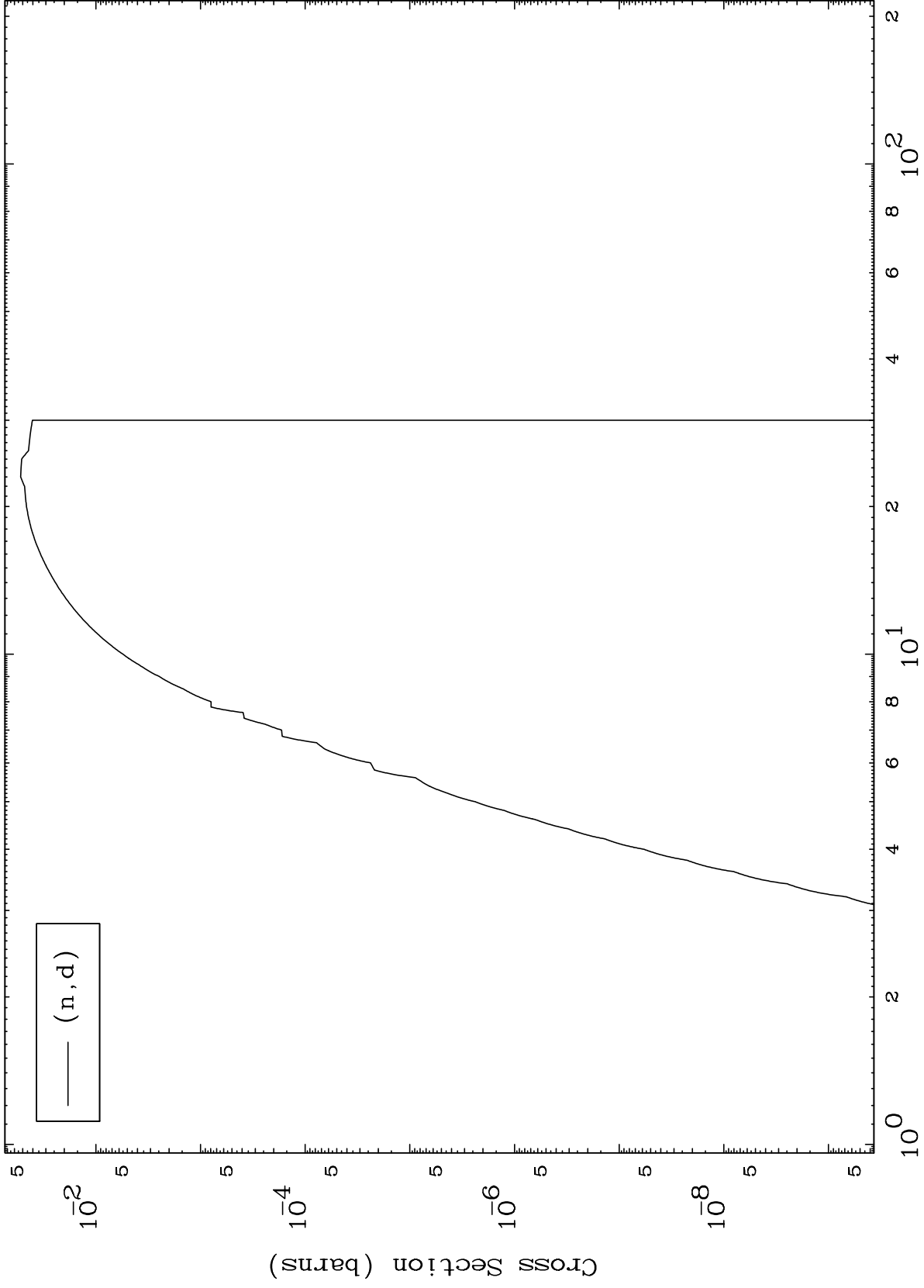
41-Nb-86



MAT 4104

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-86



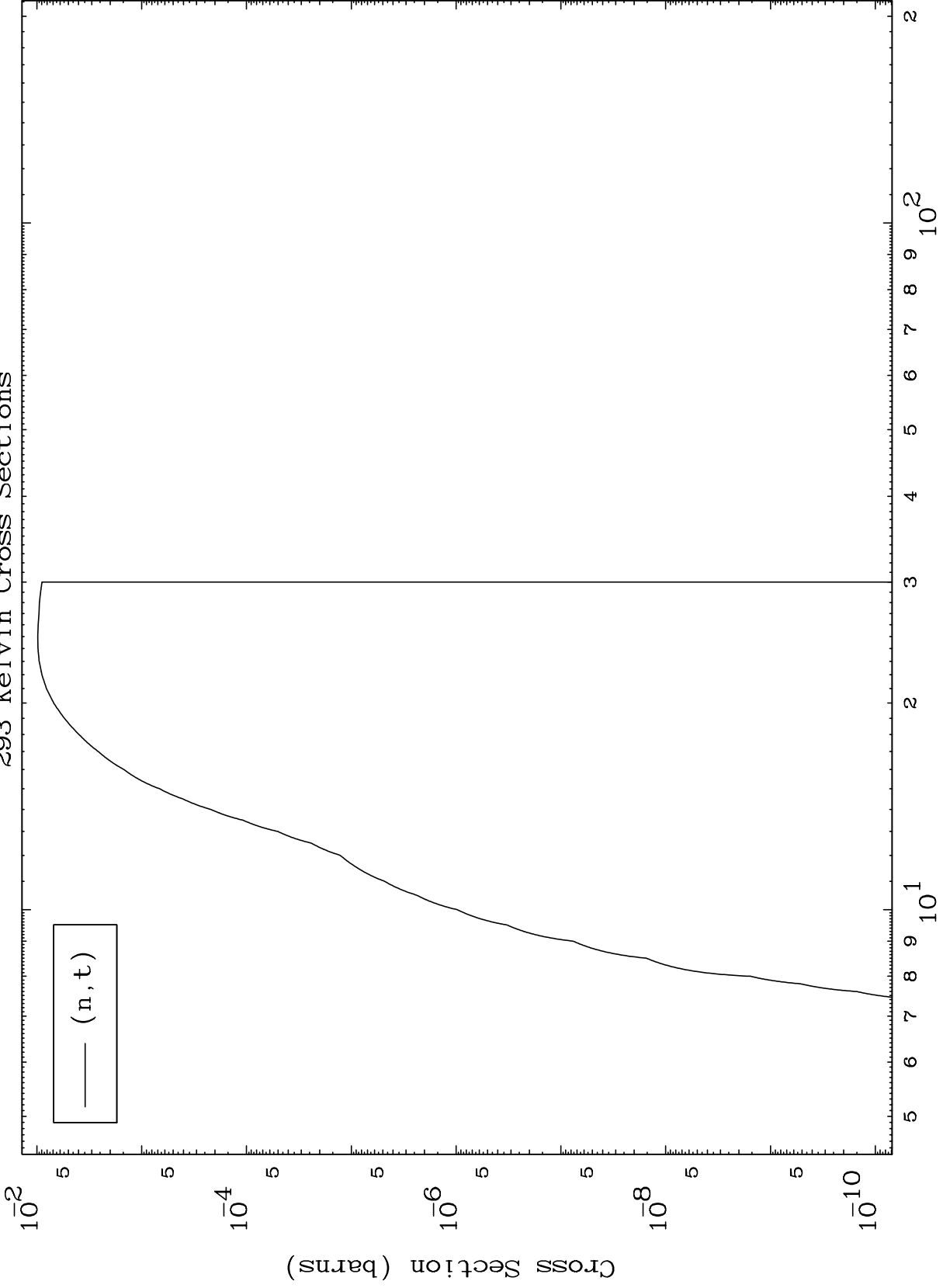
Incident Energy (MeV)

41-Nb-86

MAT 4104

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-86



10

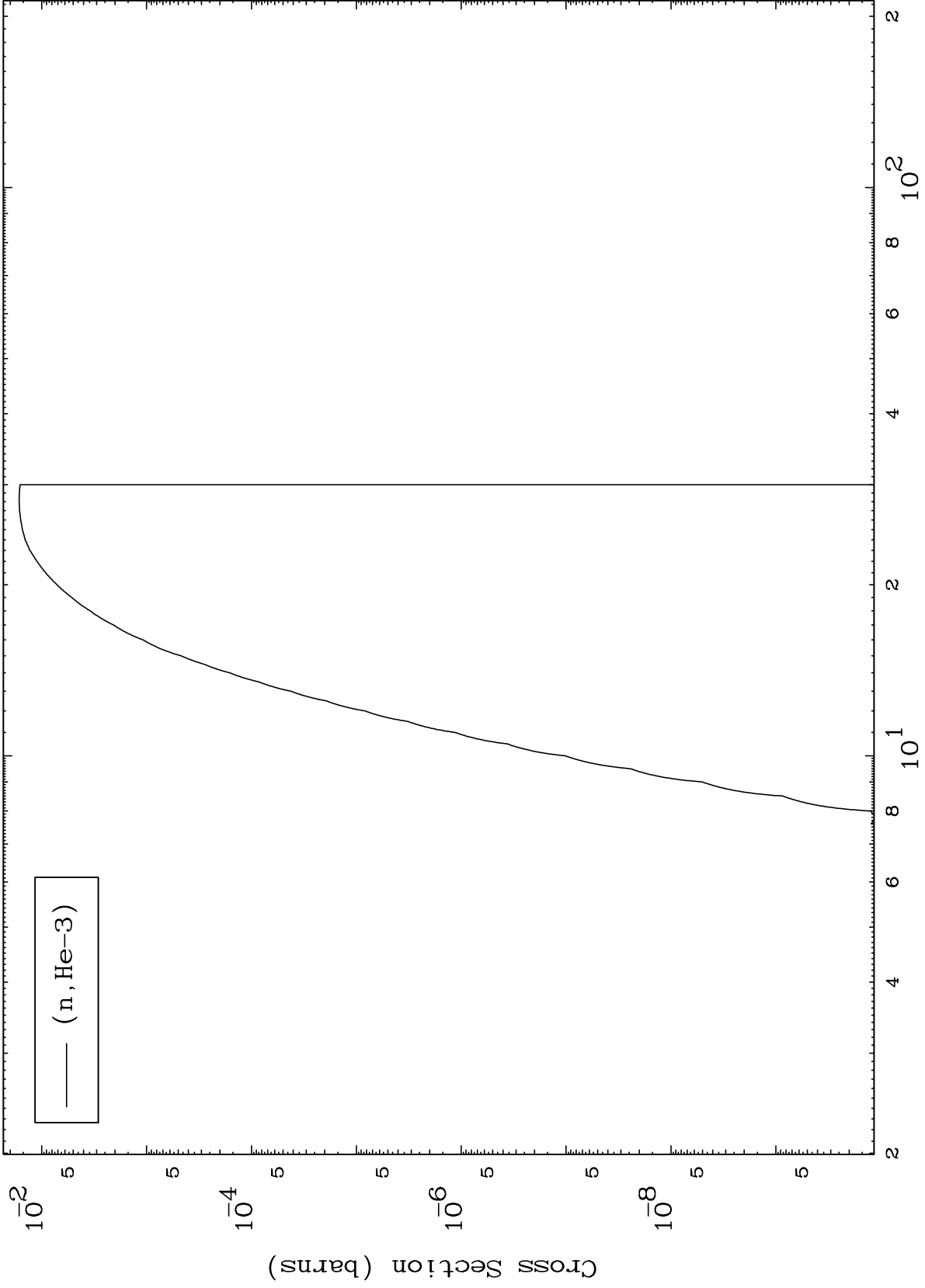
Incident Energy (MeV)

41-Nb-86

MAT 4104

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-86



11

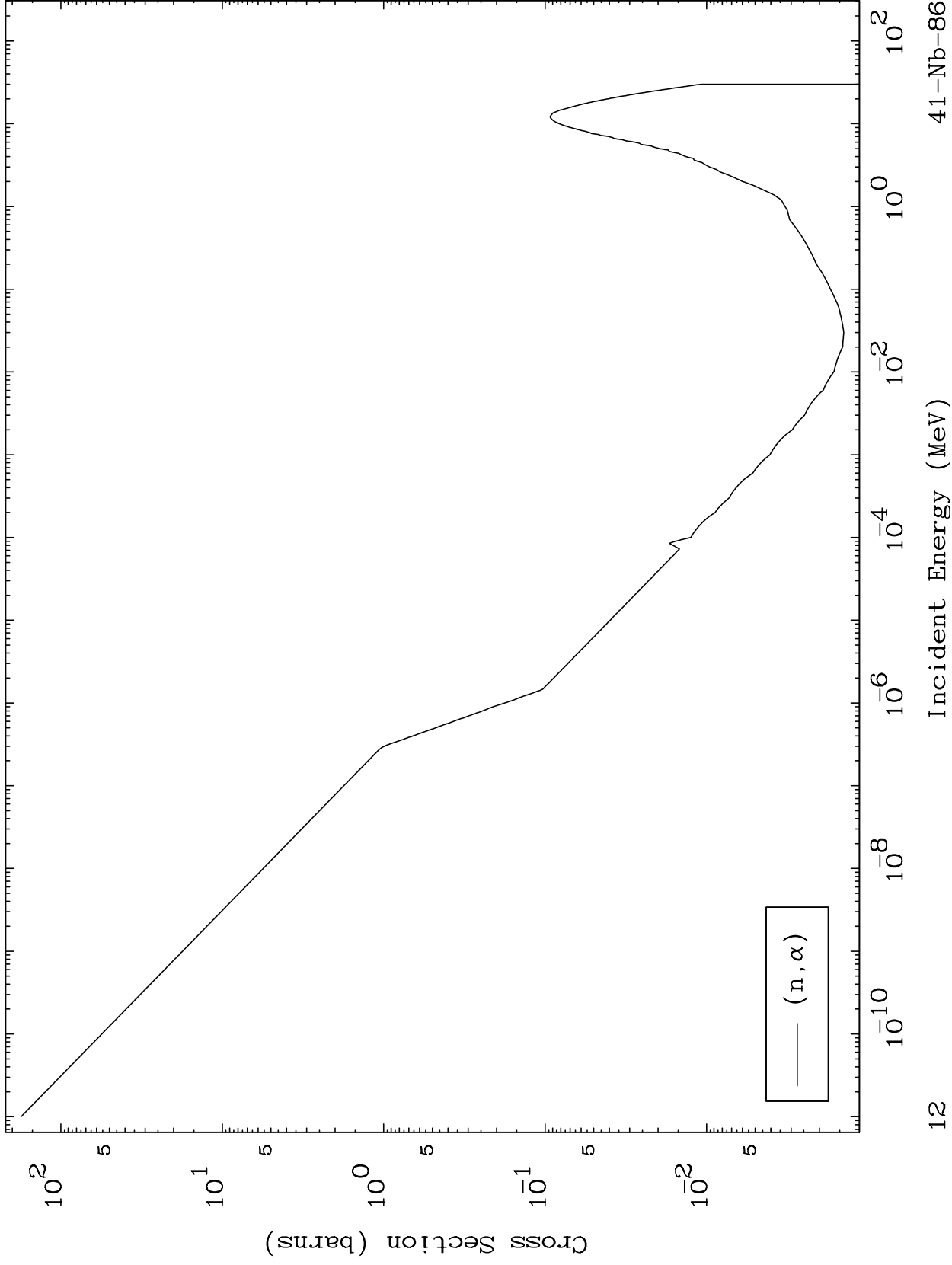
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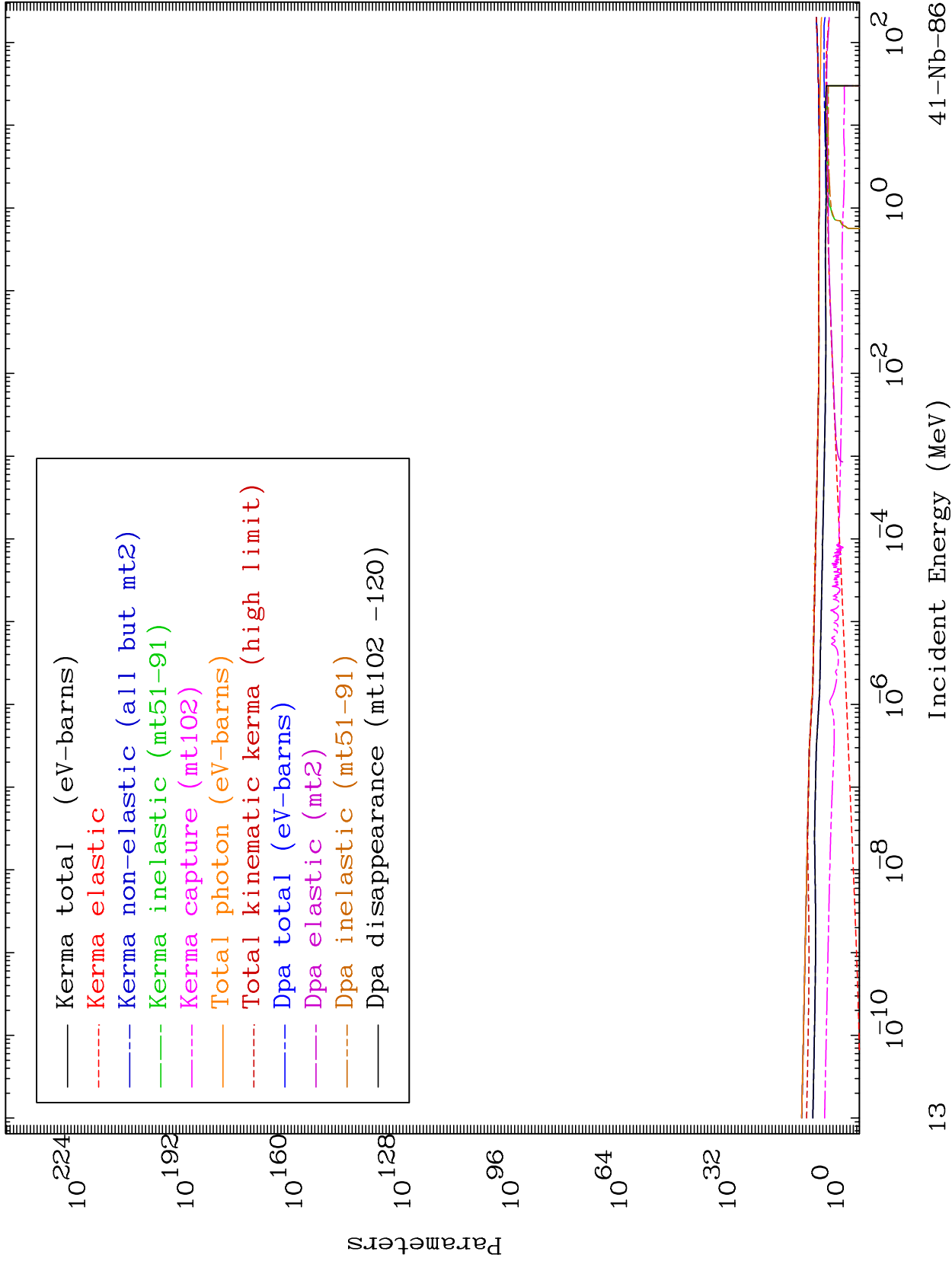
41-Nb-86

MAT 4104

(n, α) Levels
293 Kelvin Cross Sections

41-Nb-86

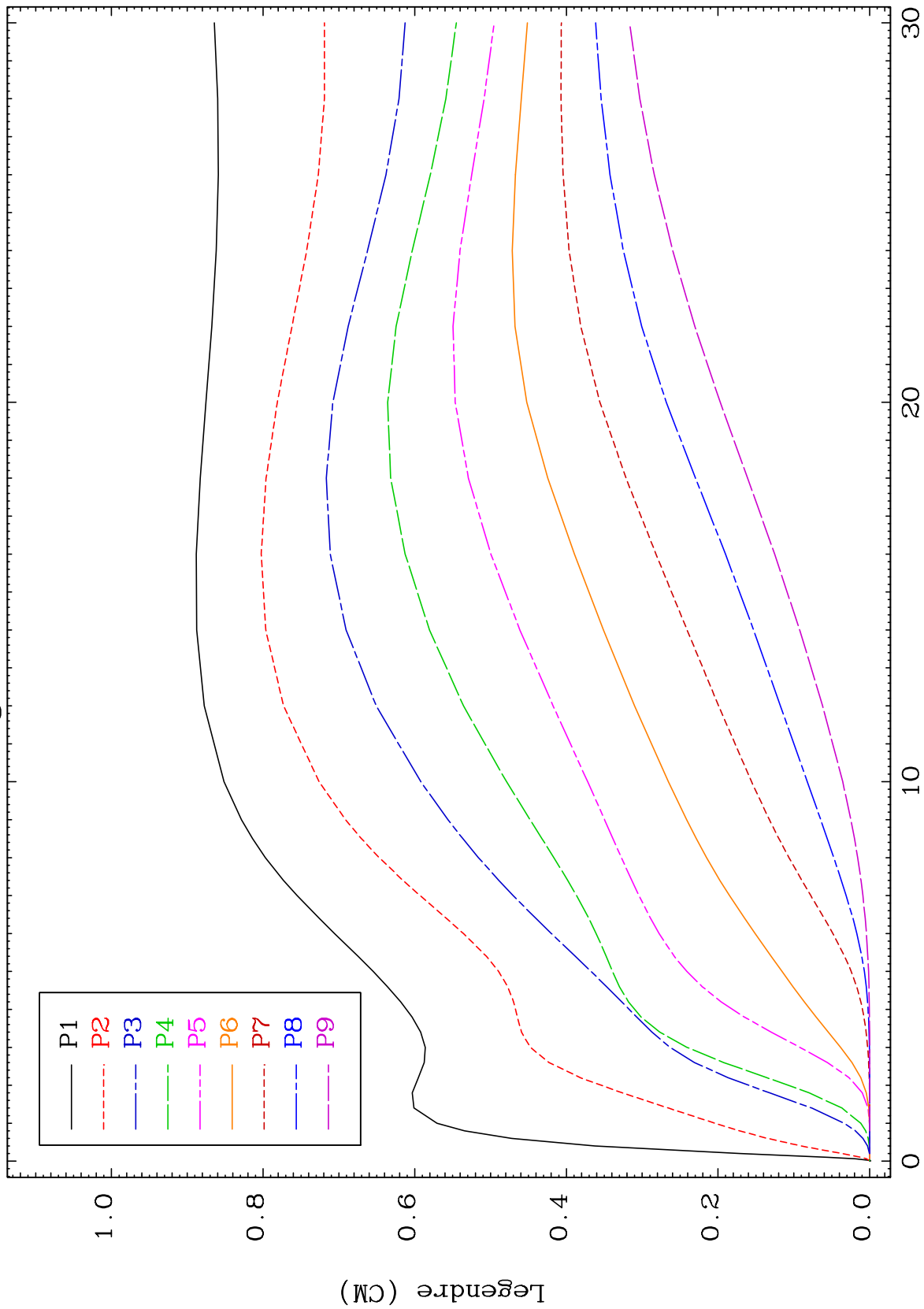




MAT 4104

Elastic Legendre Coefficients

41-Nb-86



14

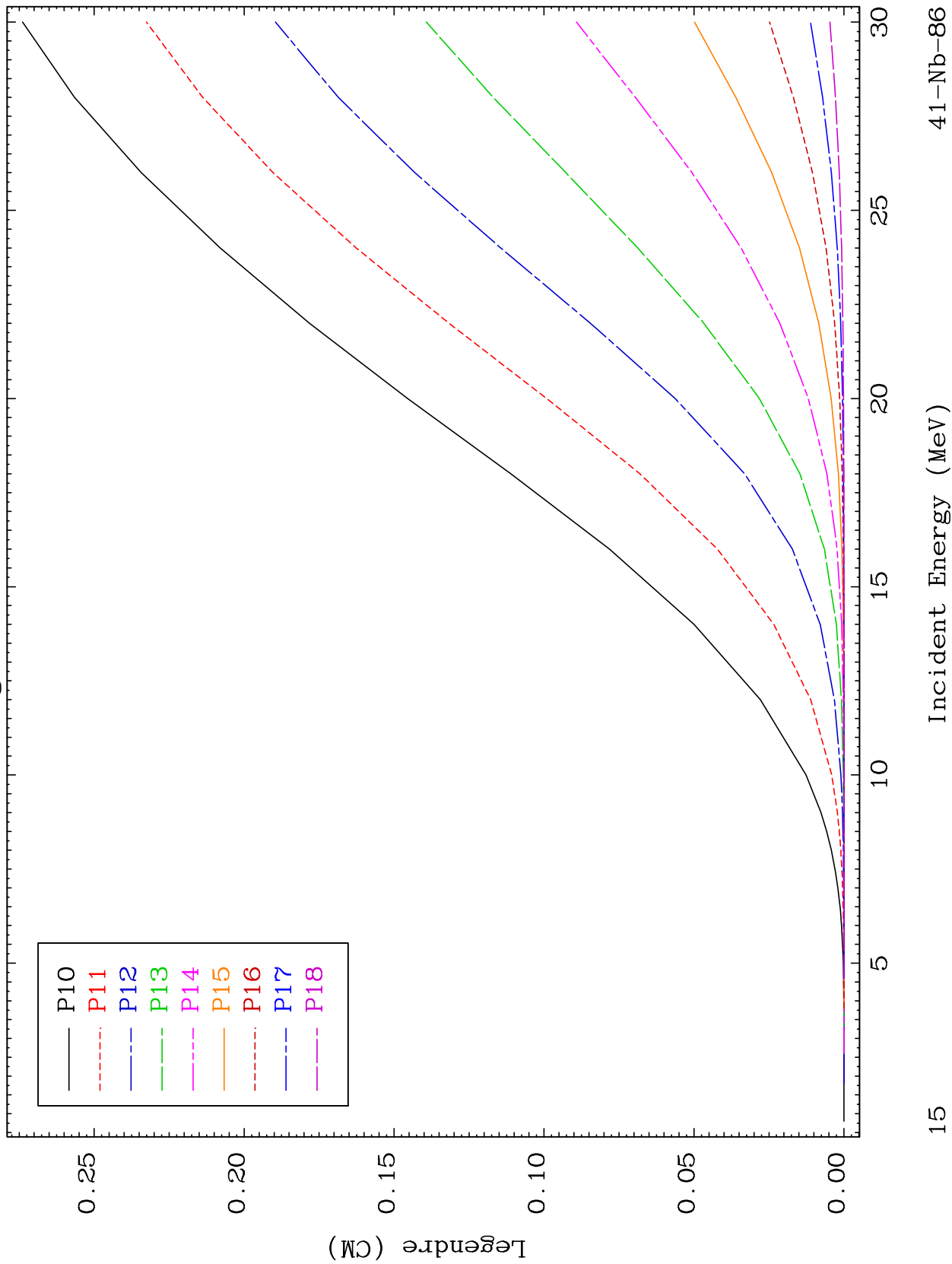
Incident Energy (MeV)

41-Nb-86

MAT 4104

Elastic Legendre Coefficients

41-Nb-86



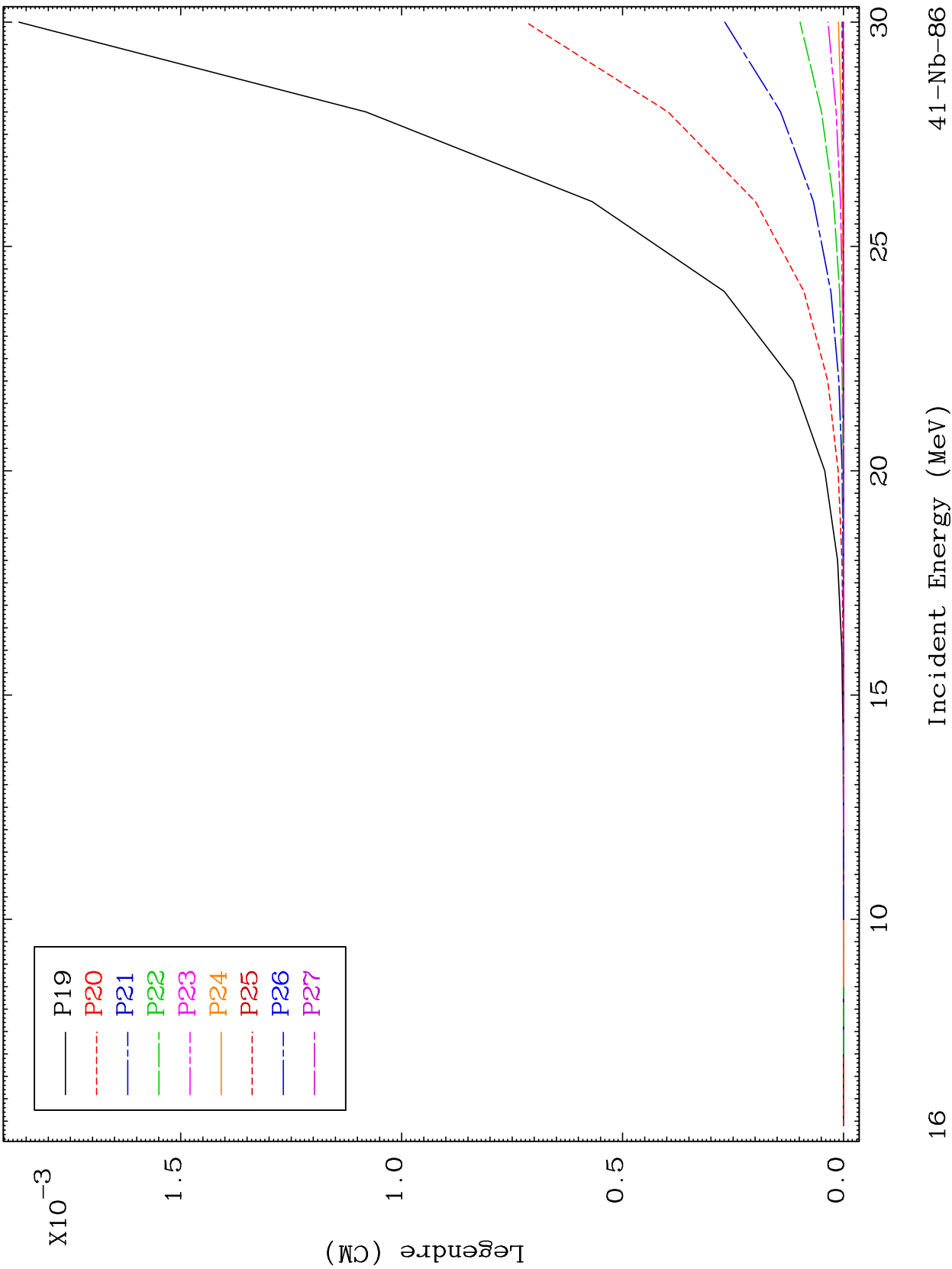
15

41-Nb-86

MAT 4104

Elastic Legendre Coefficients

41-Nb-86



16

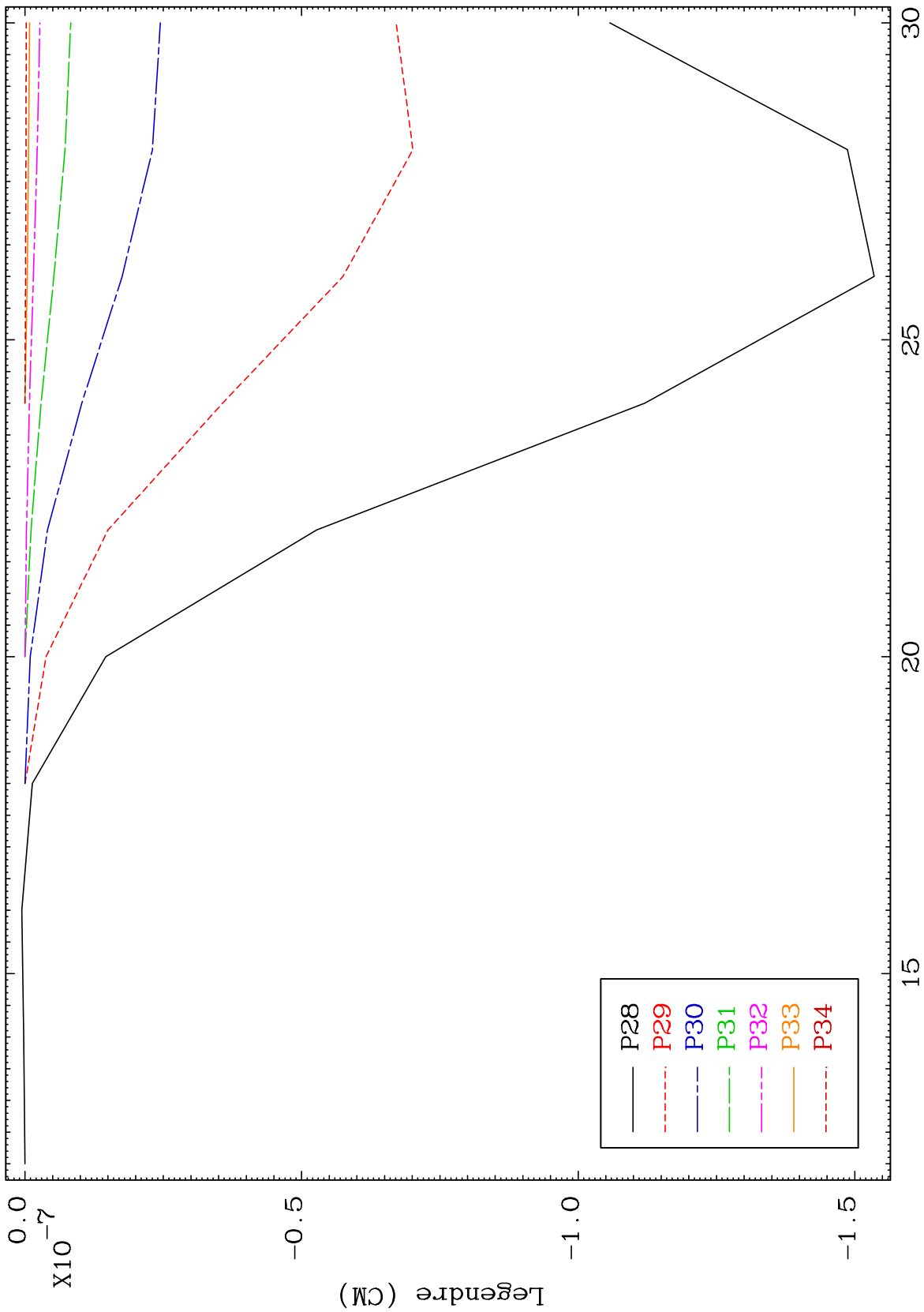
Incident Energy (MeV)

41-Nb-86

MAT 4104

41-Nb-86

Elastic Legendre Coefficients



17

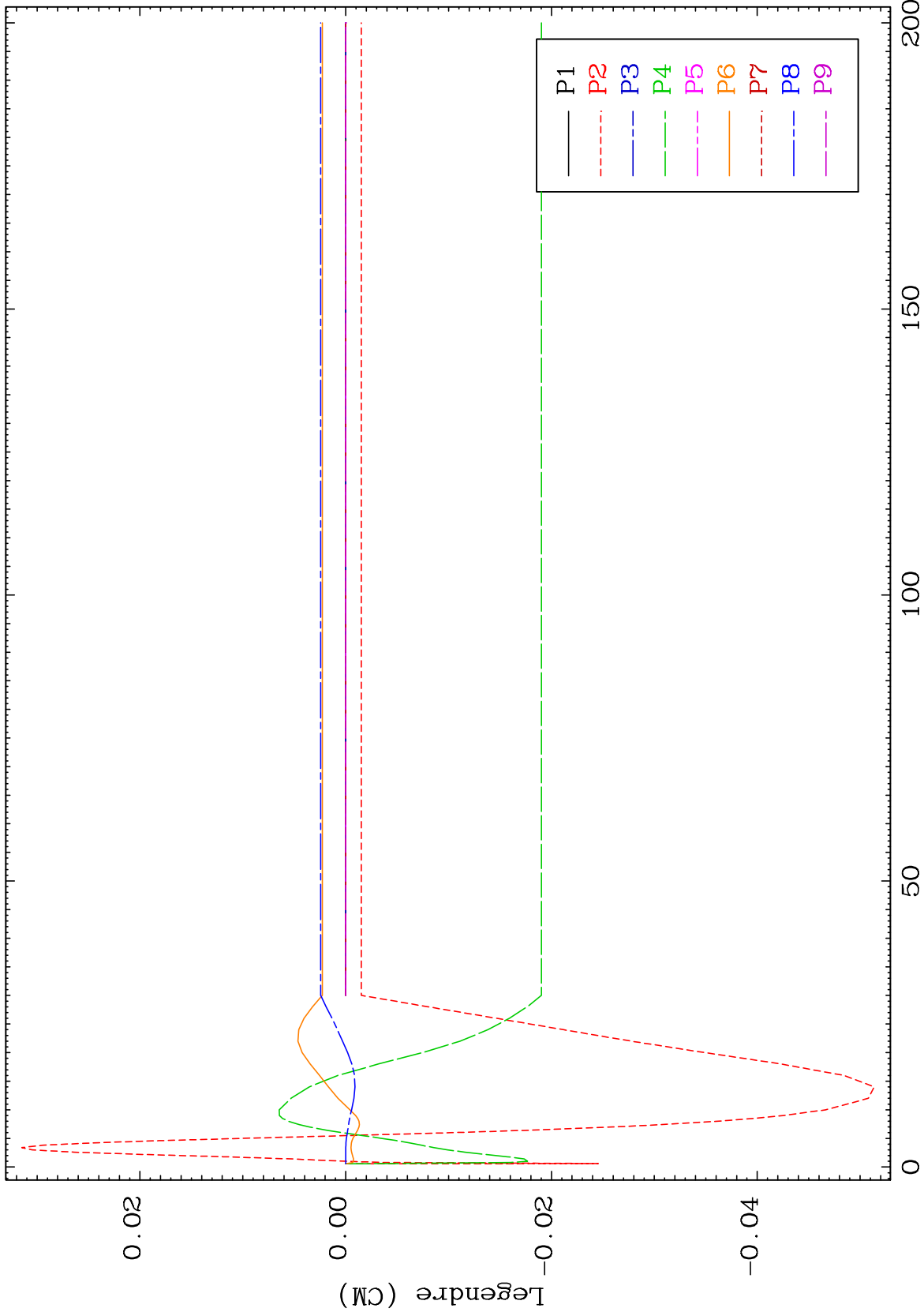
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

41-Nb-86



18

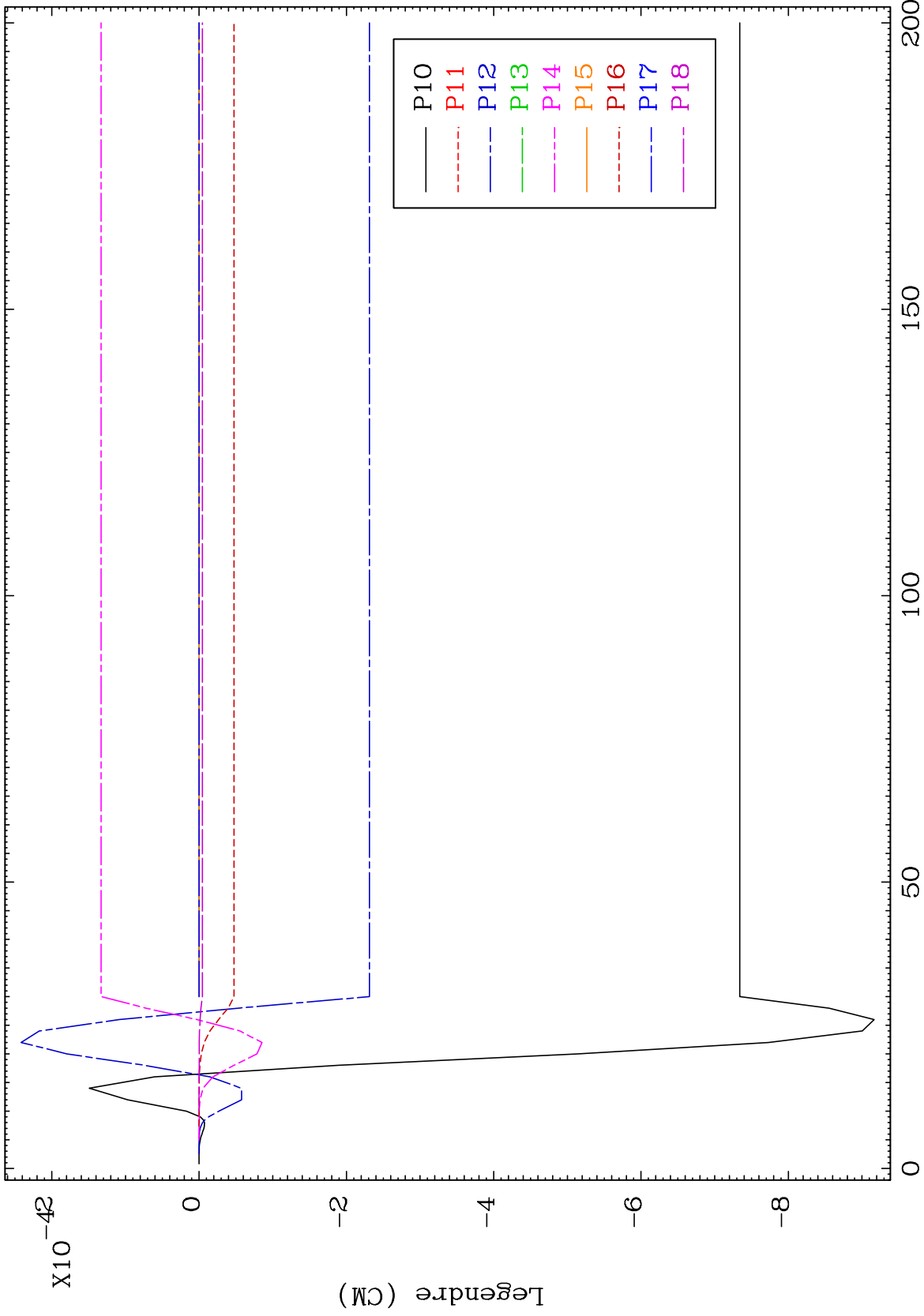
41-Nb-86

41-Nb-86

MAT 4104

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

41-Nb-86



19

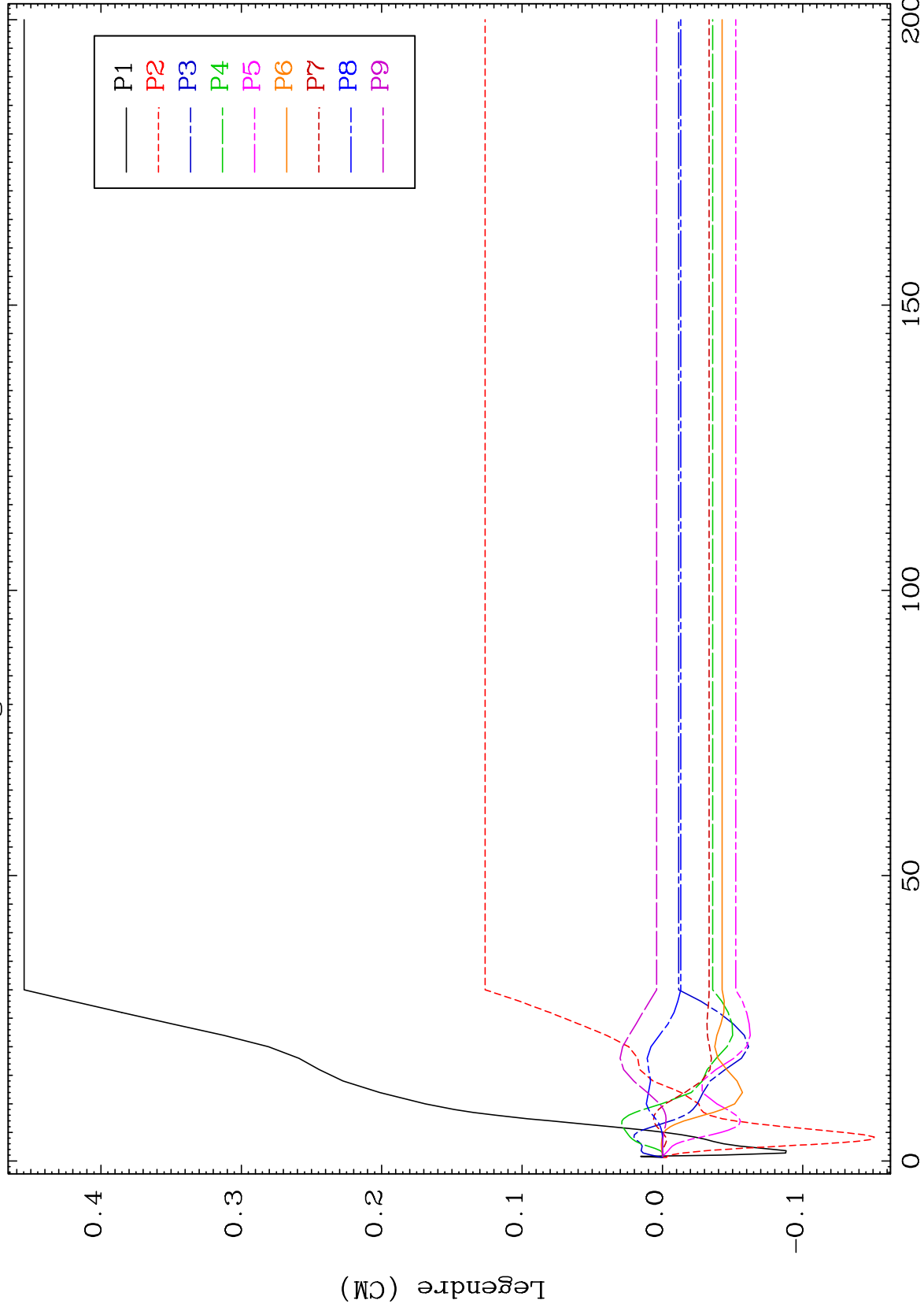
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

41-Nb-86



21

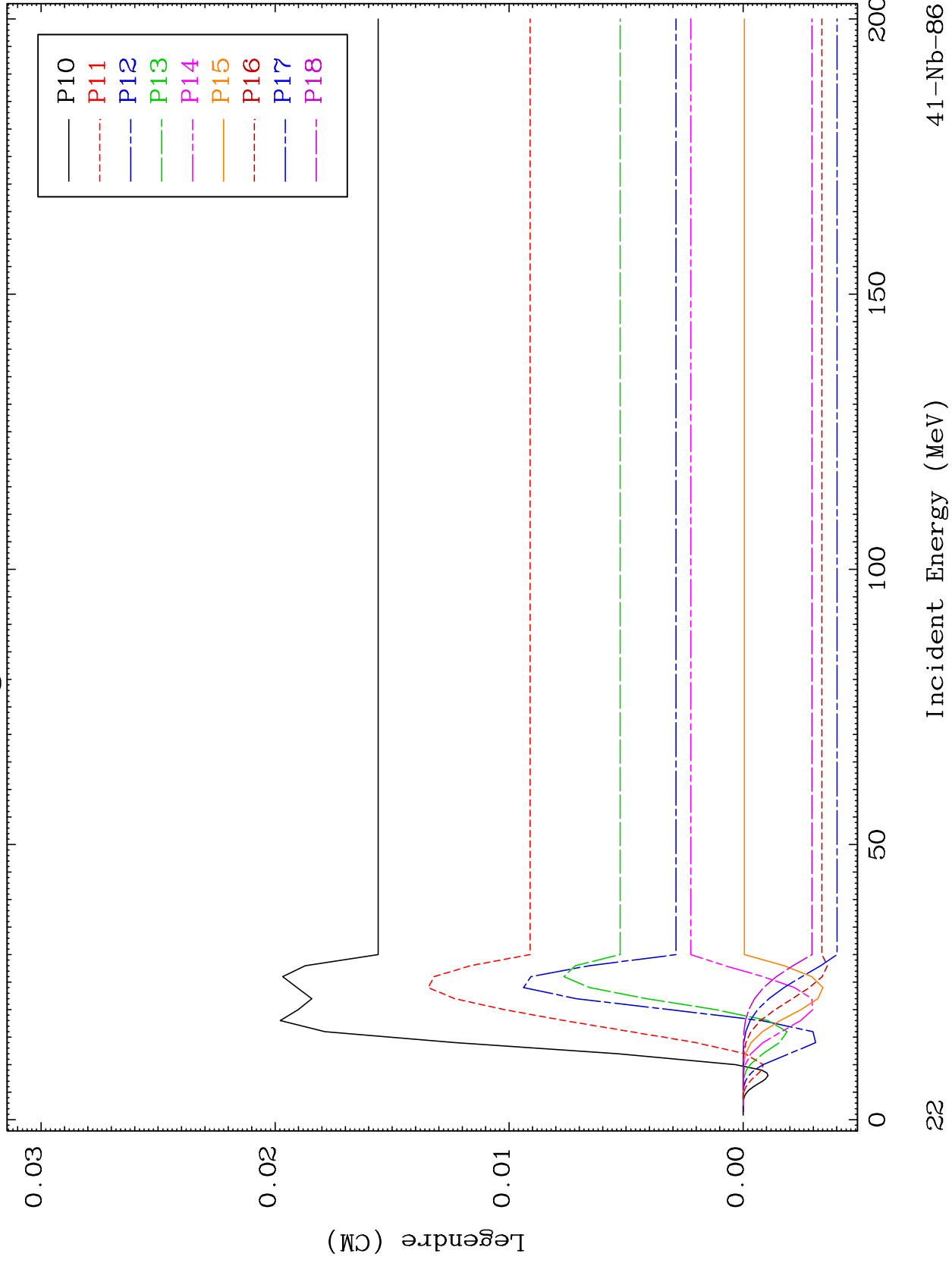
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

41-Nb-86



22

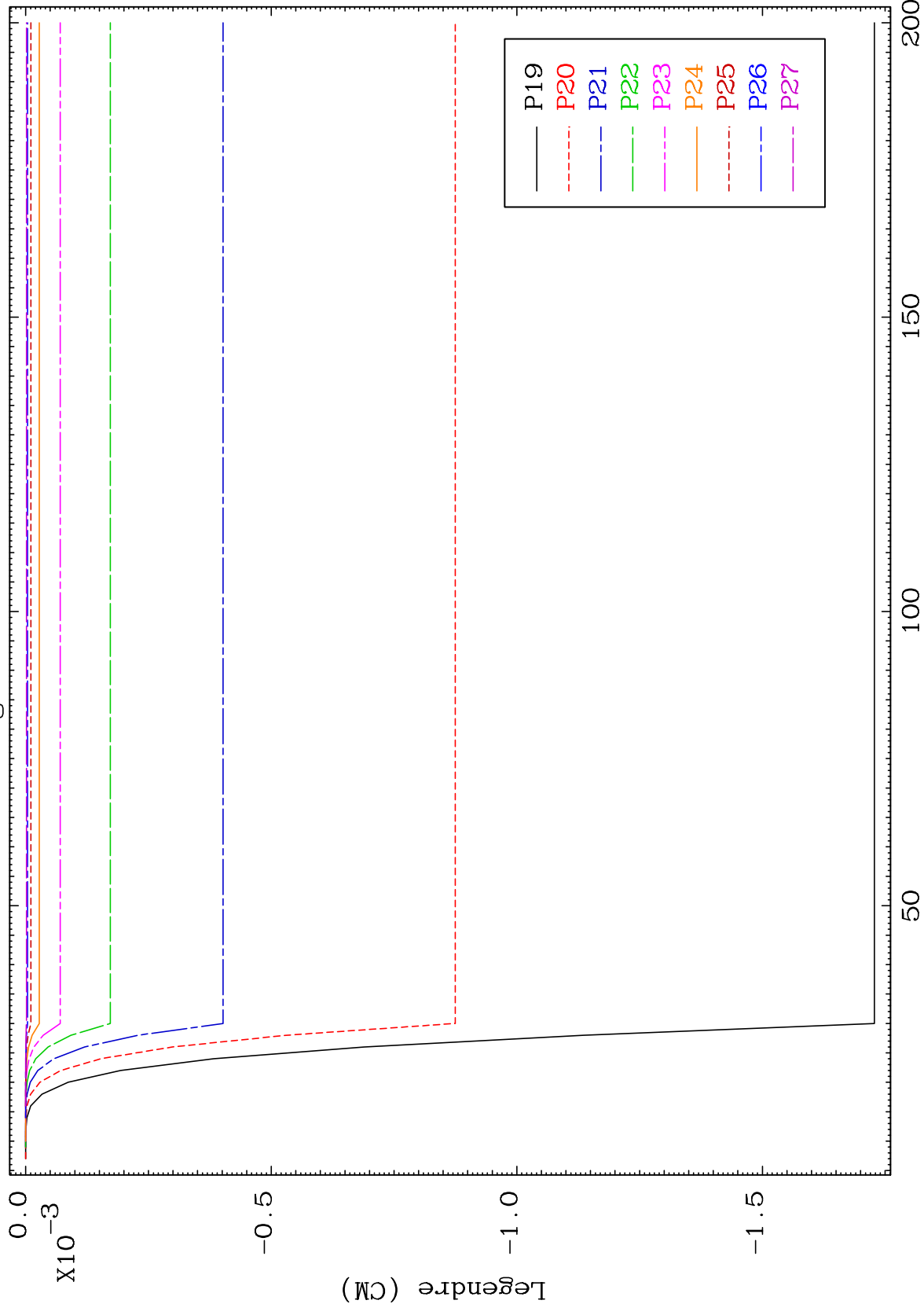
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

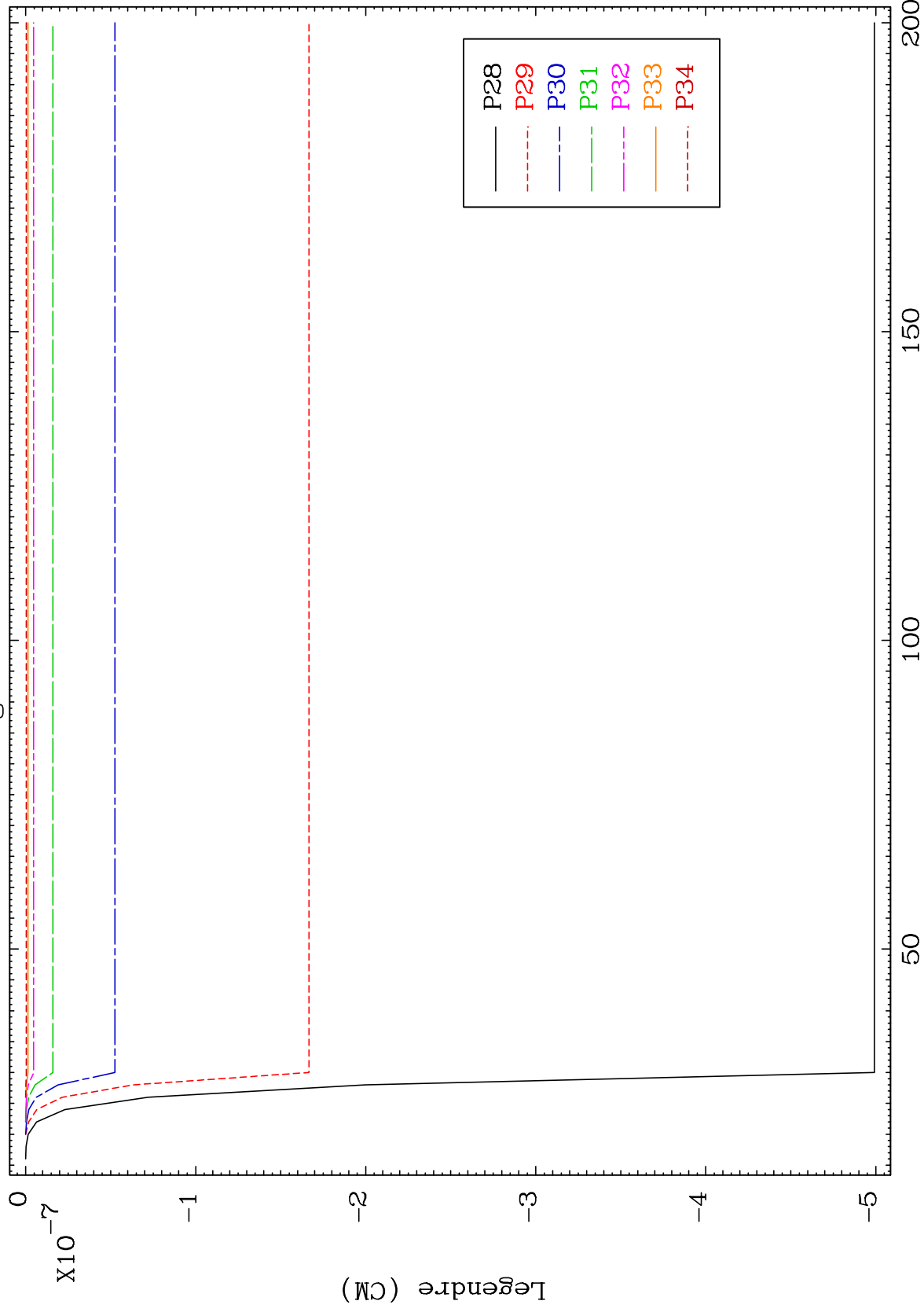
41-Nb-86



MAT 4104

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

41-Nb-86



24

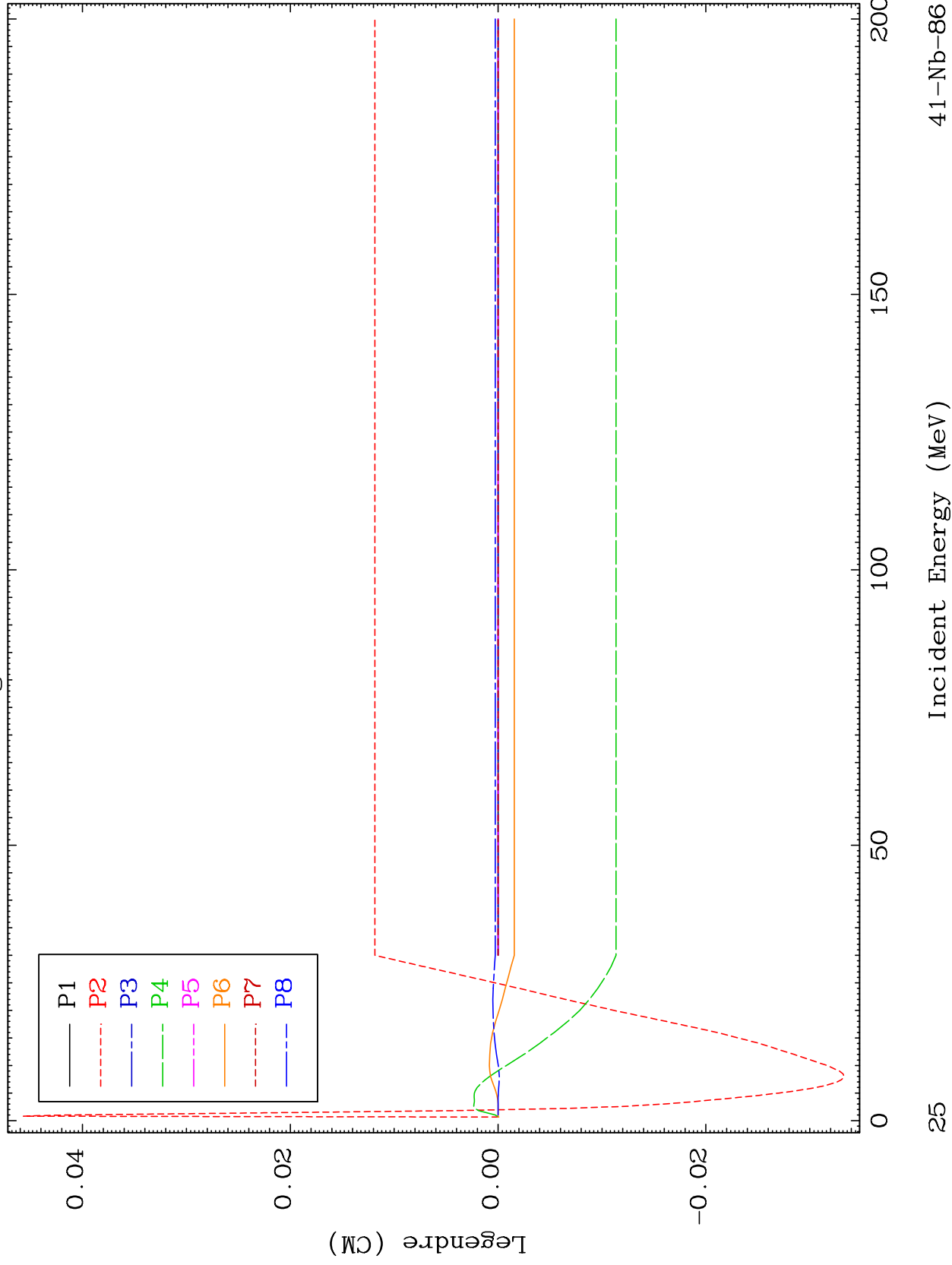
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

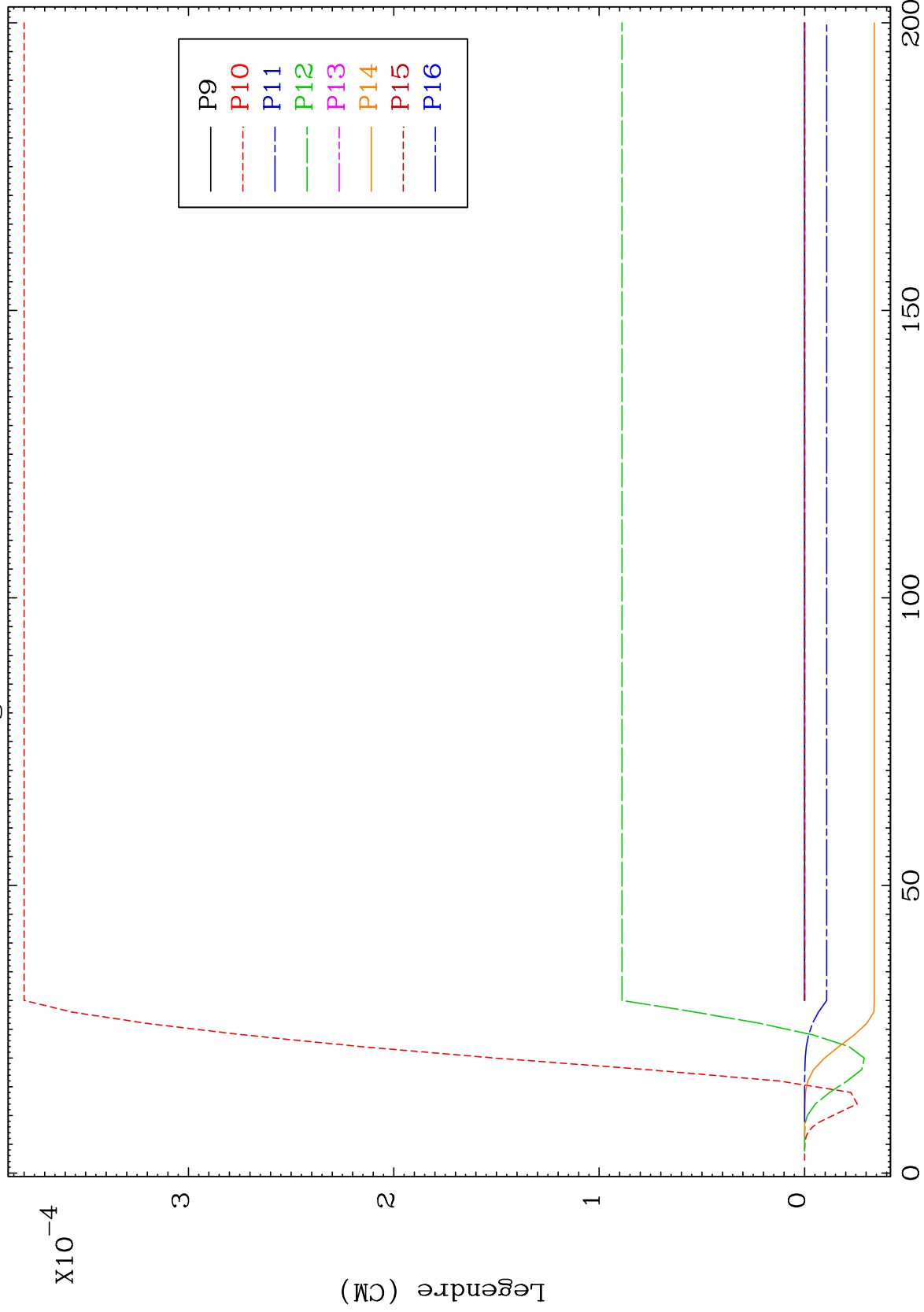
41-Nb-86



MAT 4104

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

41-Nb-86



26

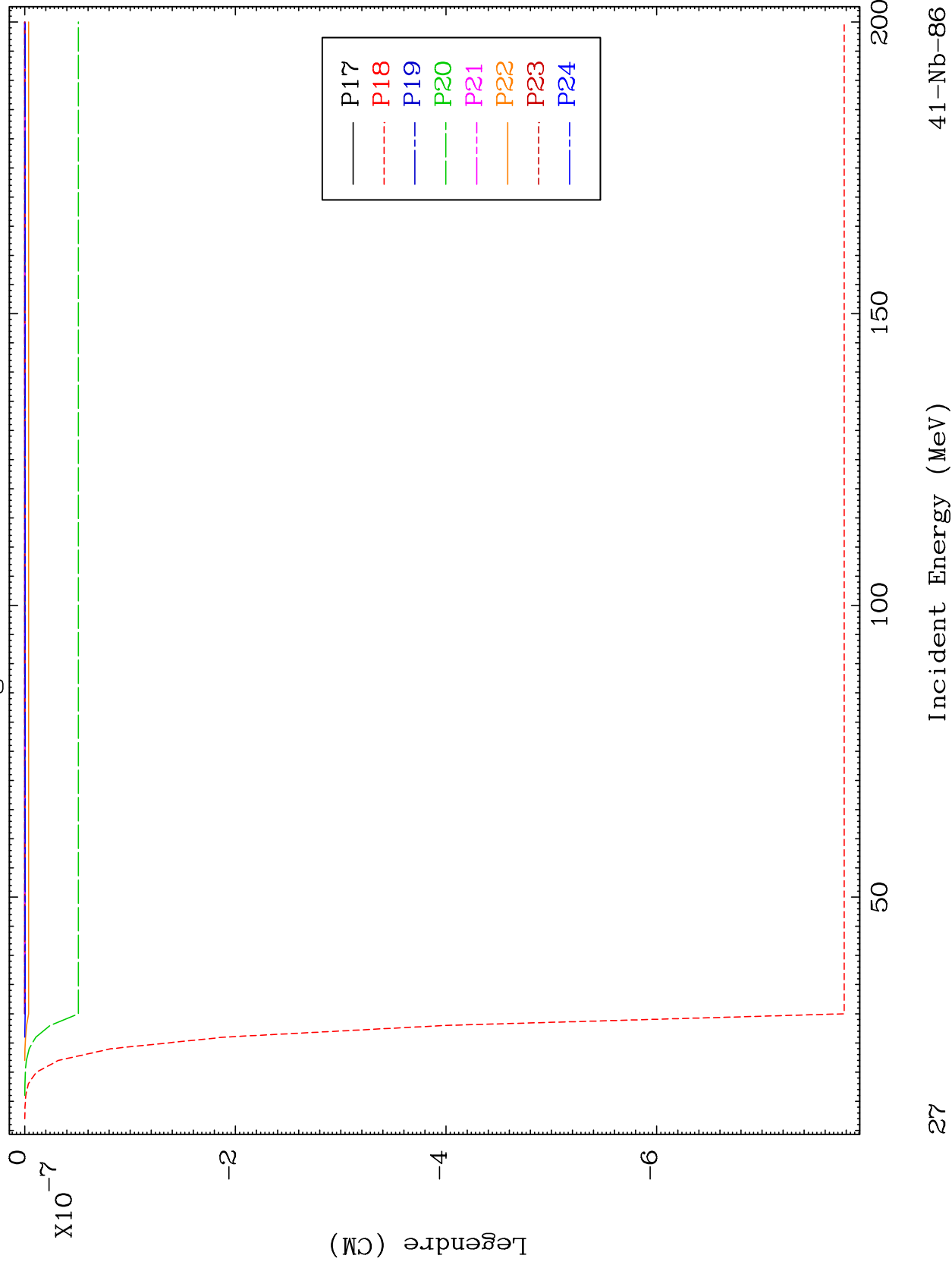
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

41-Nb-86



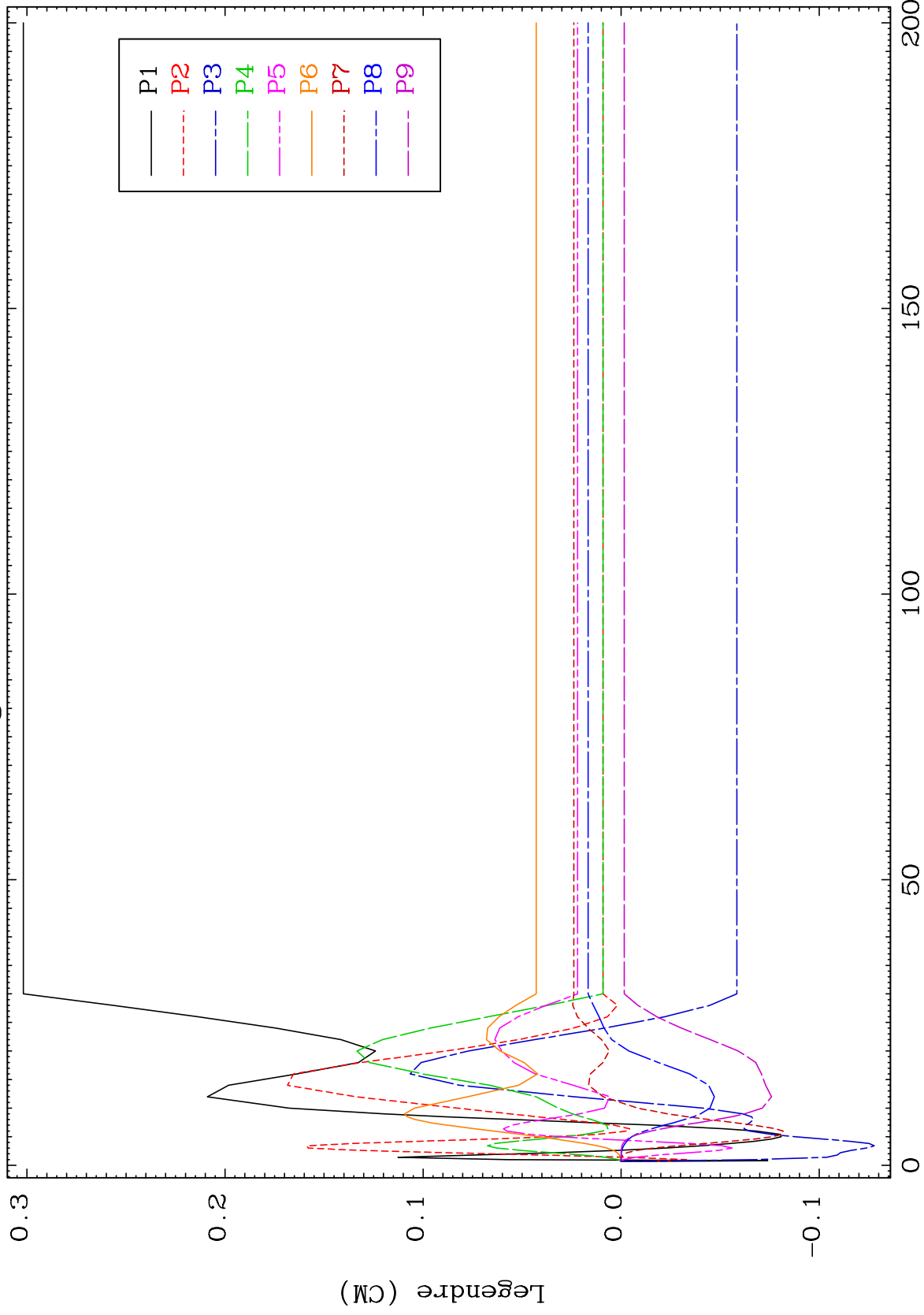
27

41-Nb-86

MAT 4104

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

41-Nb-86



28

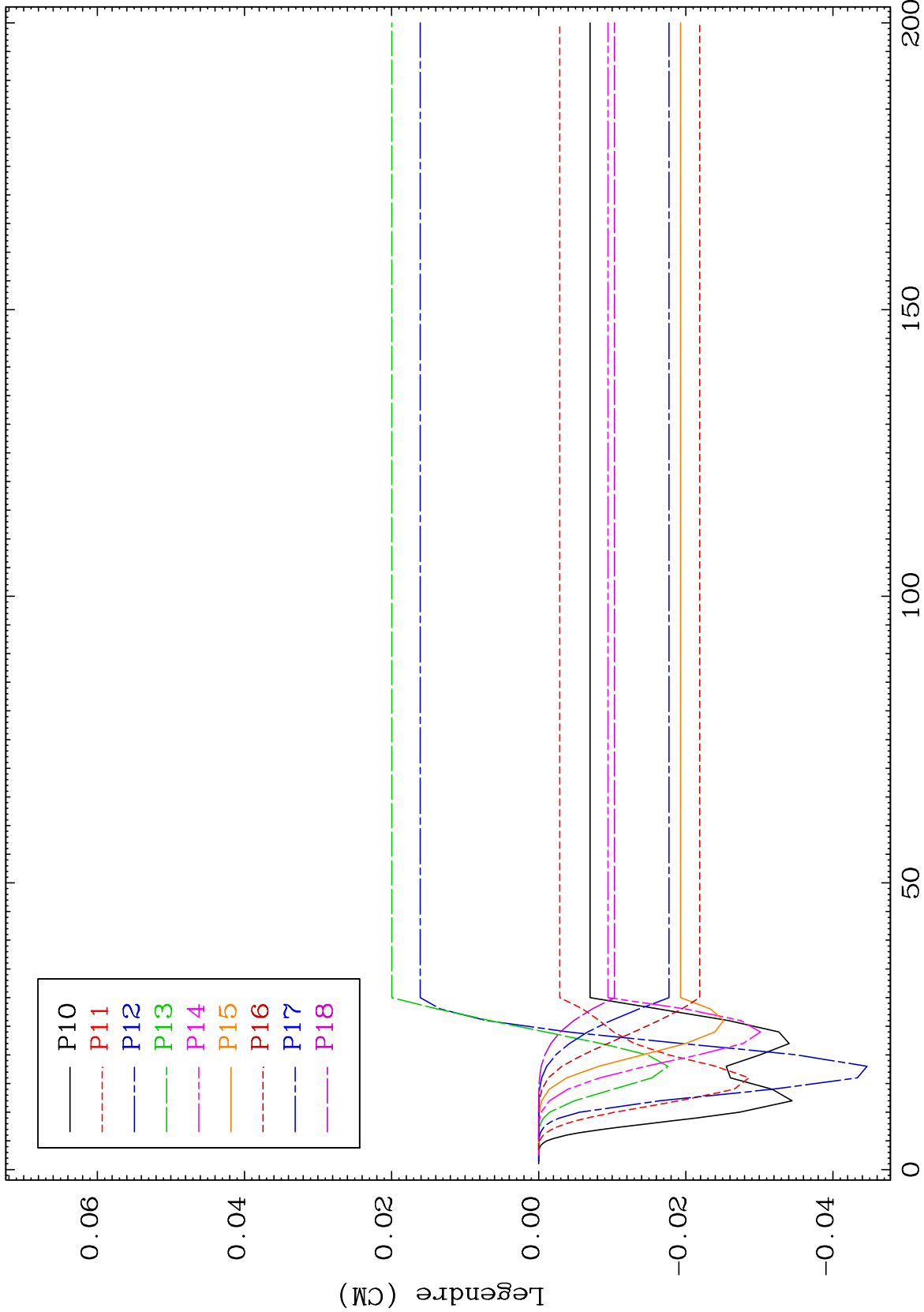
41-Nb-86

41-Nb-86

MAT 4104

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

41-Nb-86



29

Incident Energy (MeV)

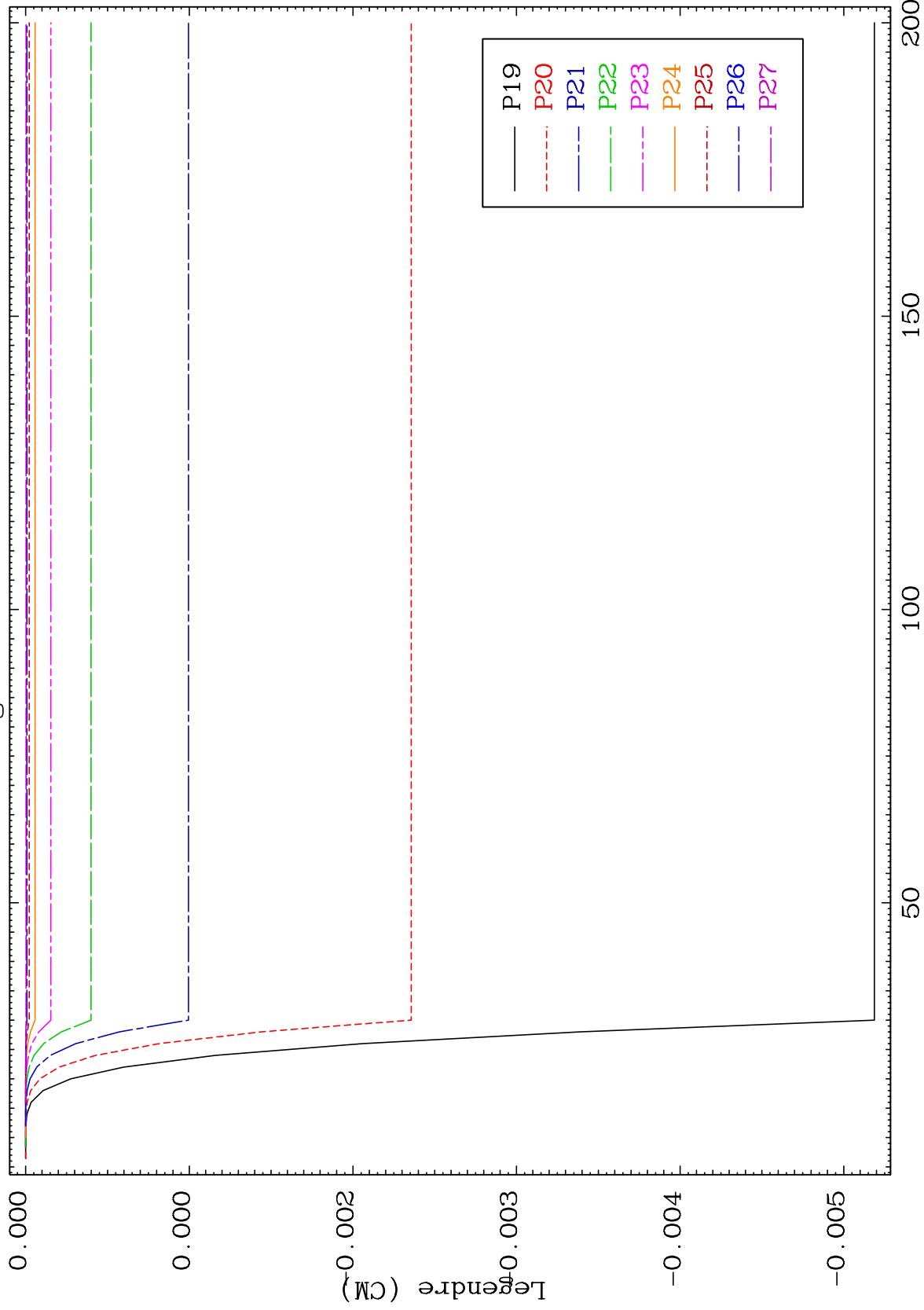
41-Nb-86

MAT 4104

MT= 54 (n,n') Level

41-Nb-86

Legendre Coefficients



30

Incident Energy (MeV)

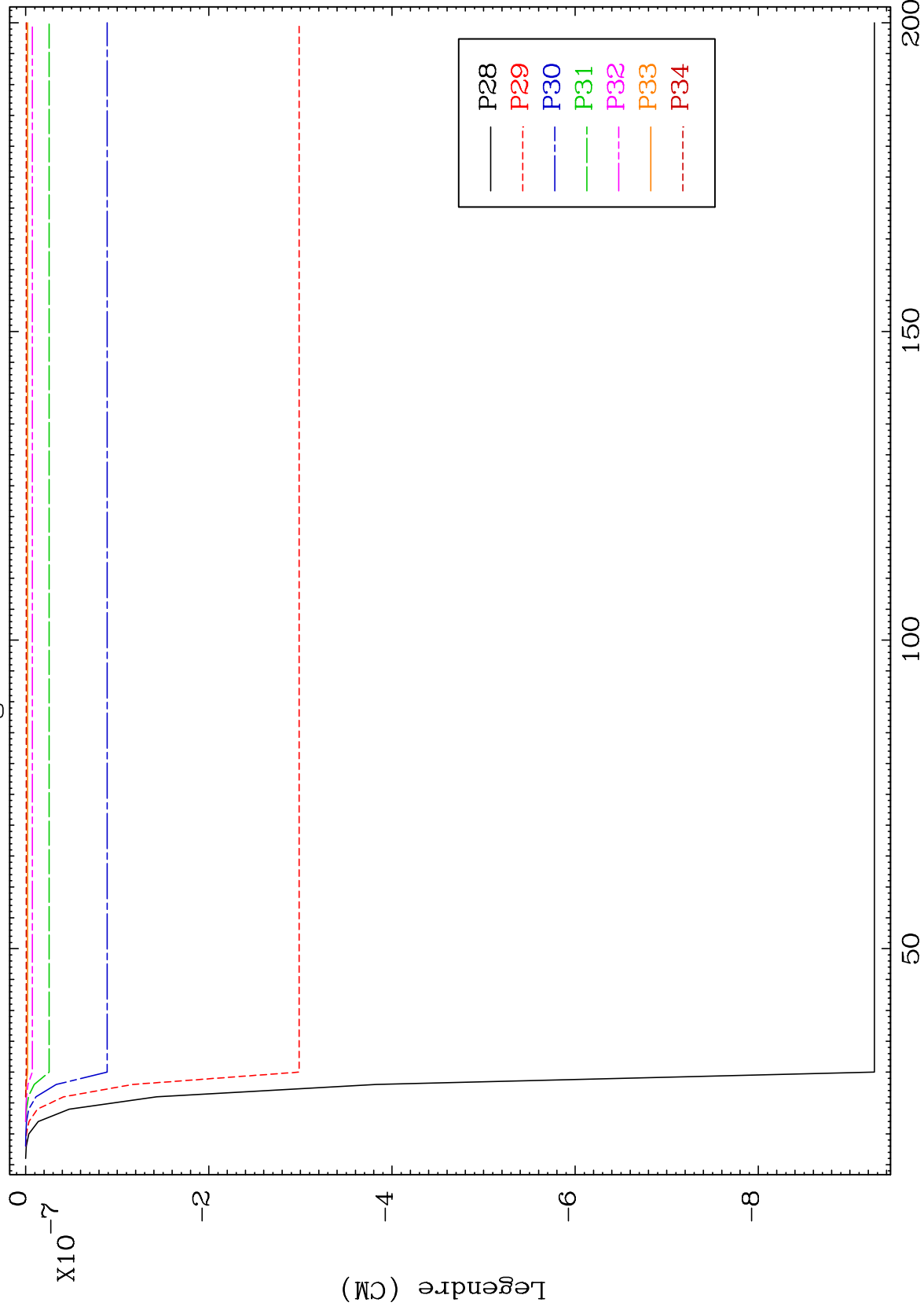
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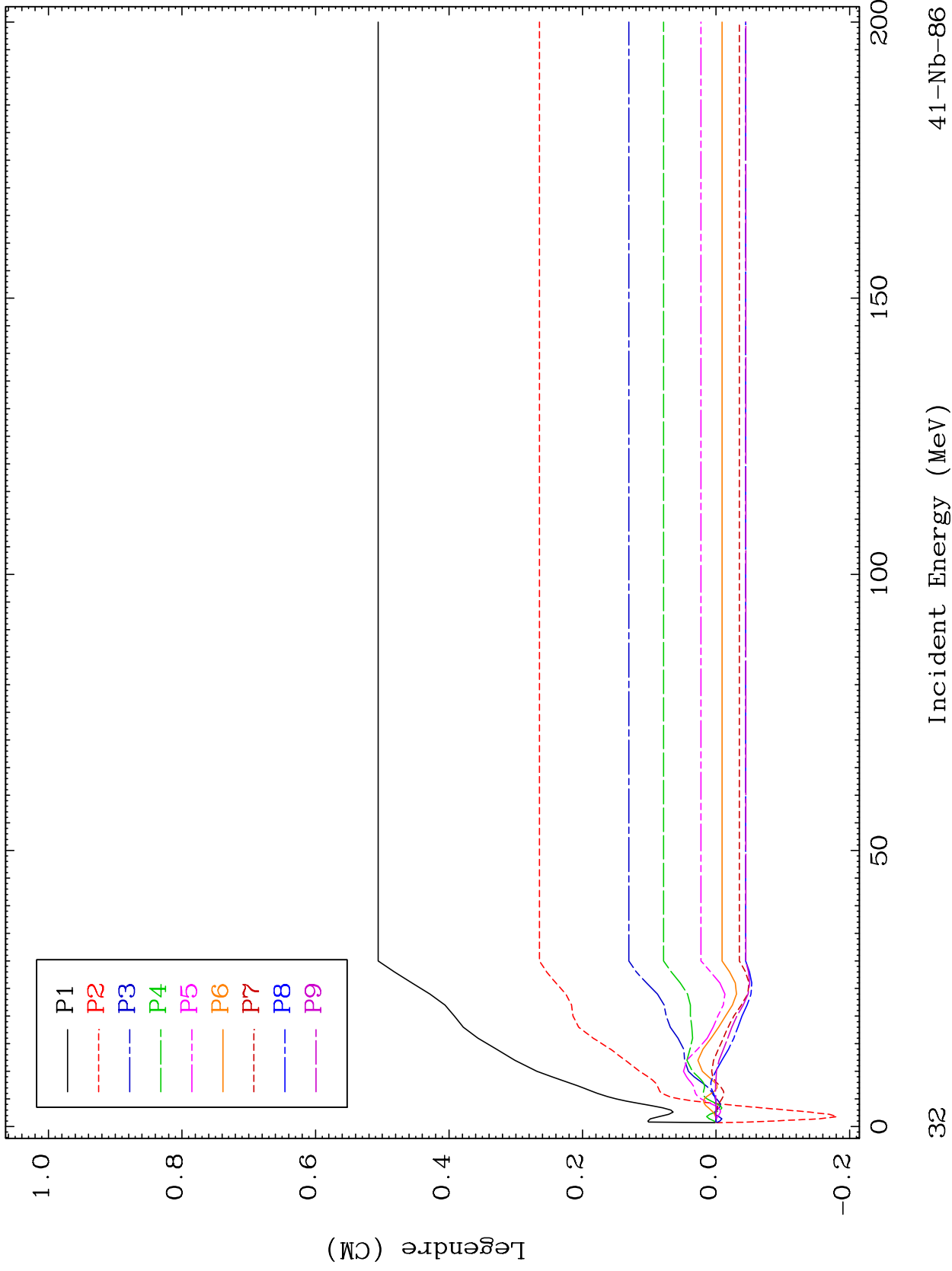
MAT 4104

MT= 54 (n,n') Level

41-Nb-86

Legendre Coefficients

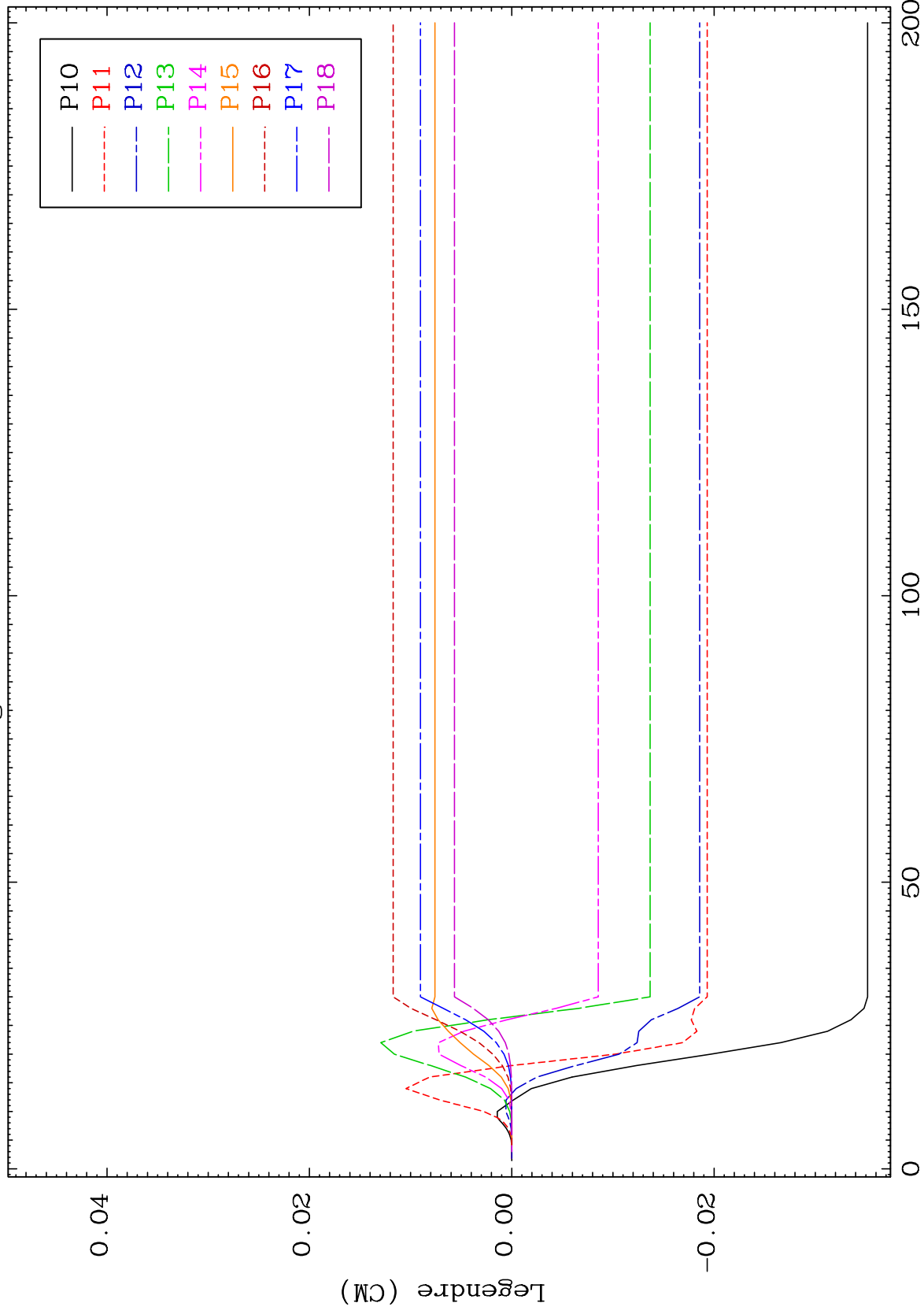




MAT 4104

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

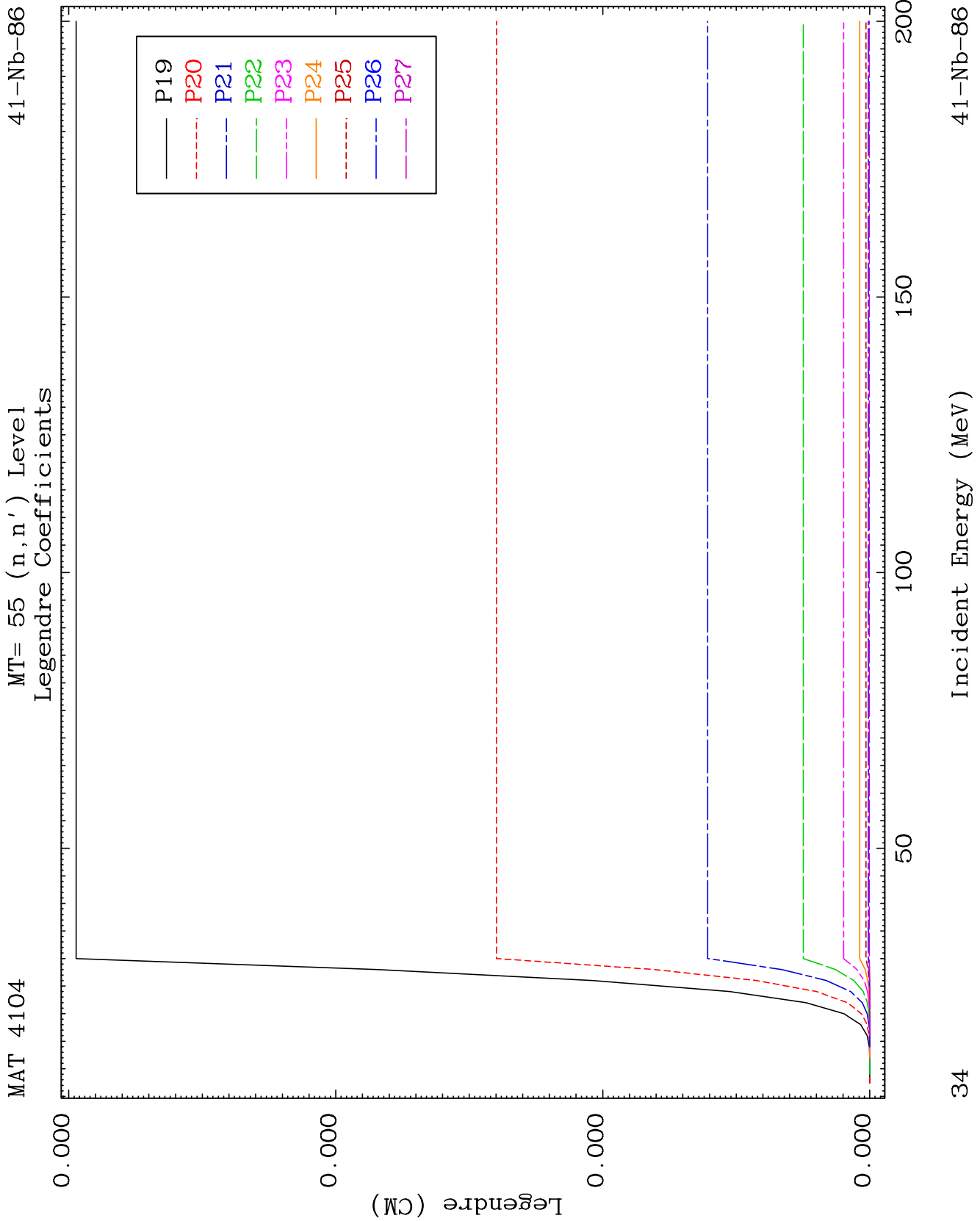
41-Nb-86



33

Incident Energy (MeV)

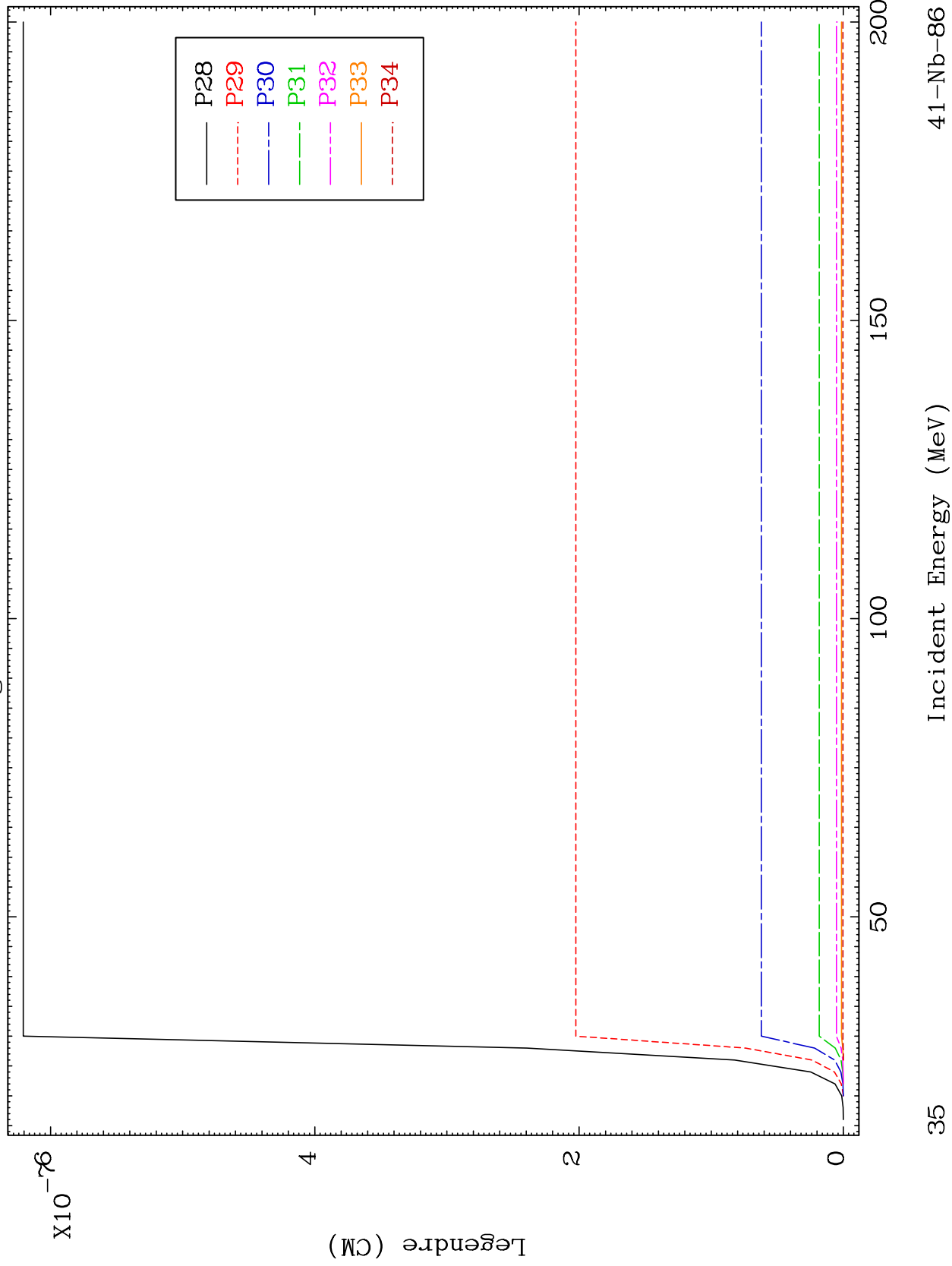
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MAT 4104

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

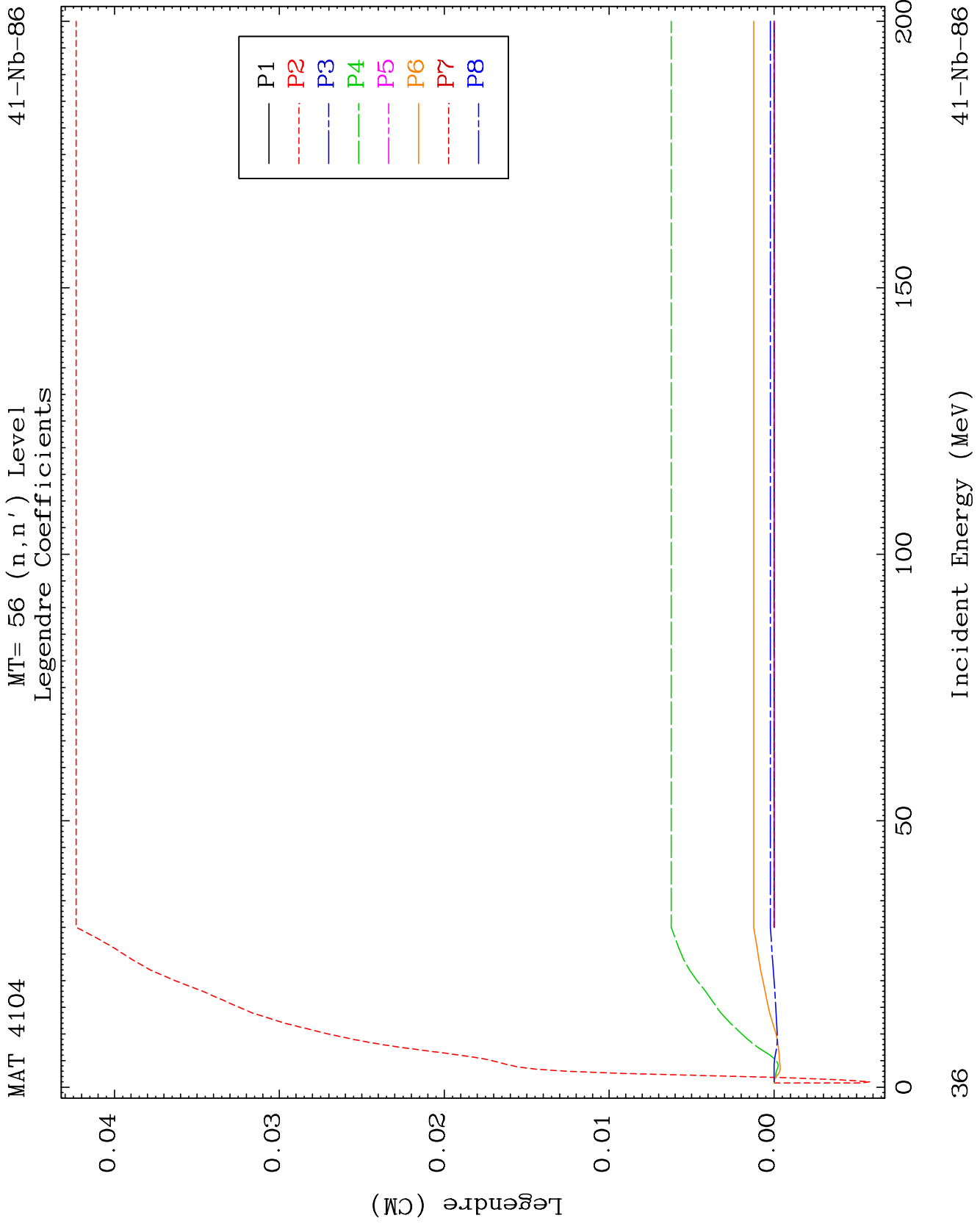
41-Nb-86



35

Incident Energy (MeV)

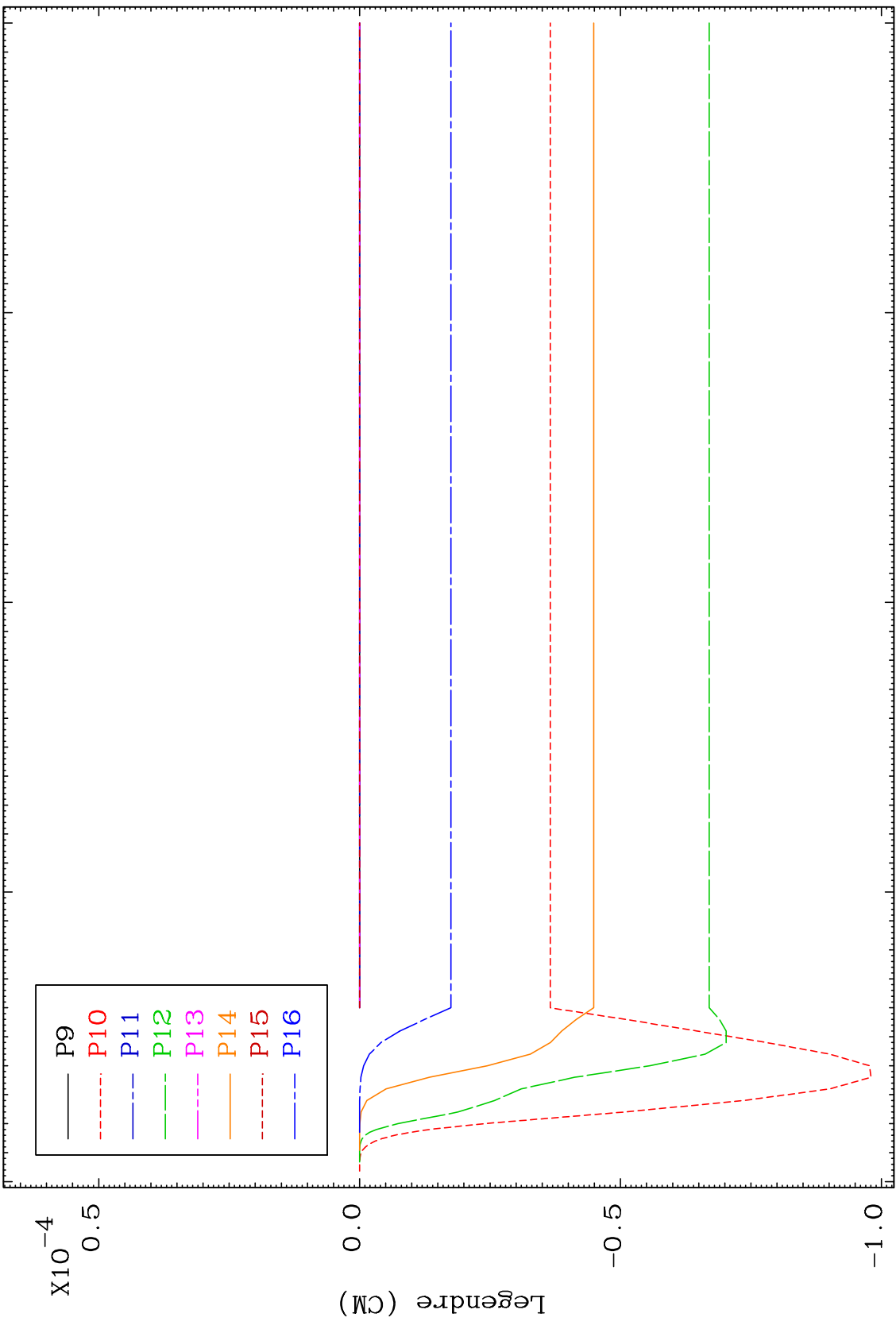
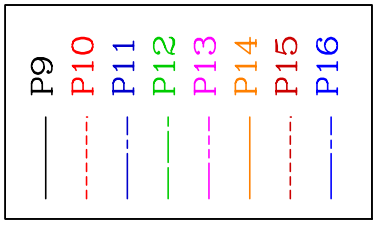
41-Nb-86



MAT 4104

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

41-Nb-86



37

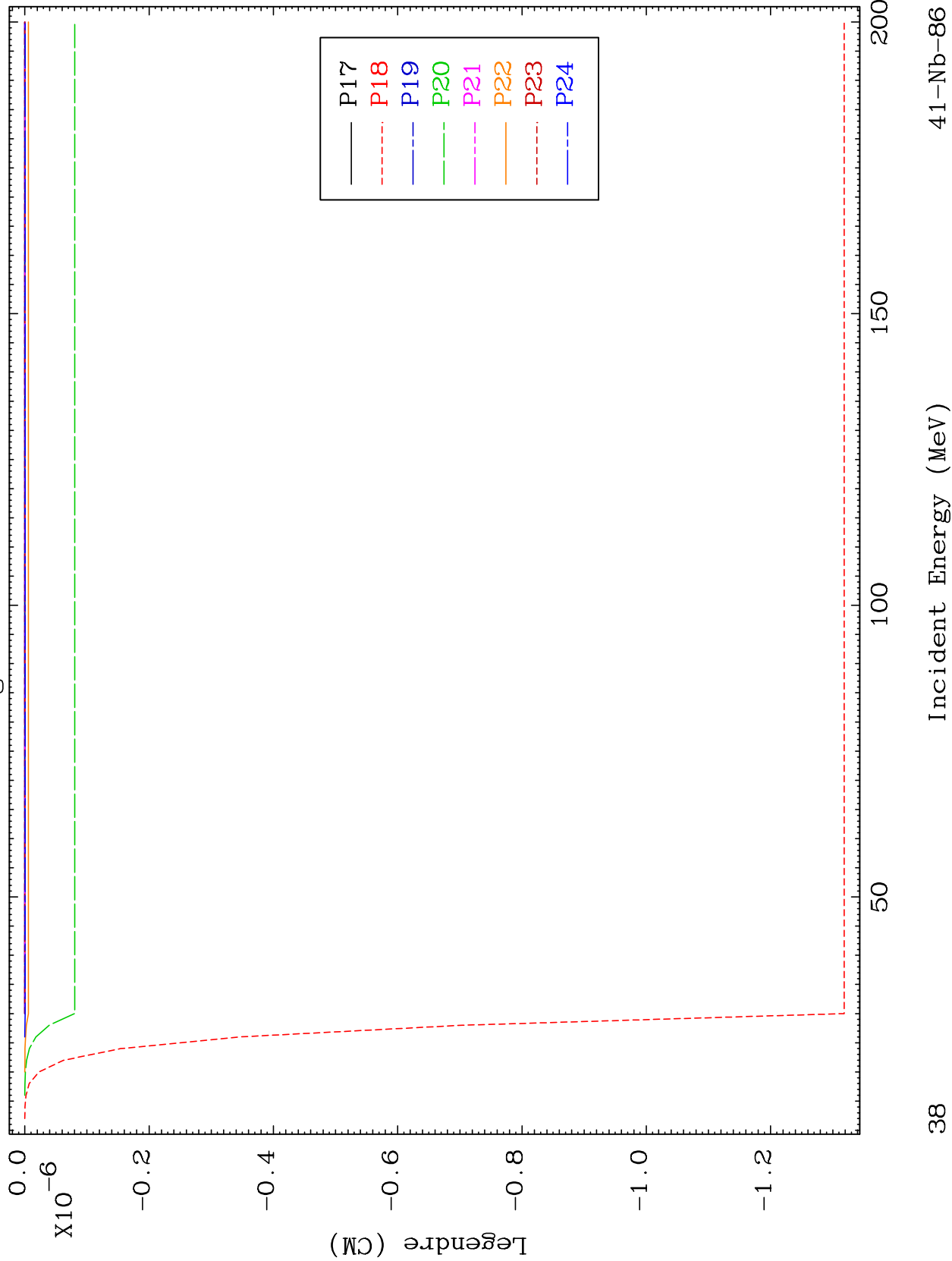
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

41-Nb-86



38

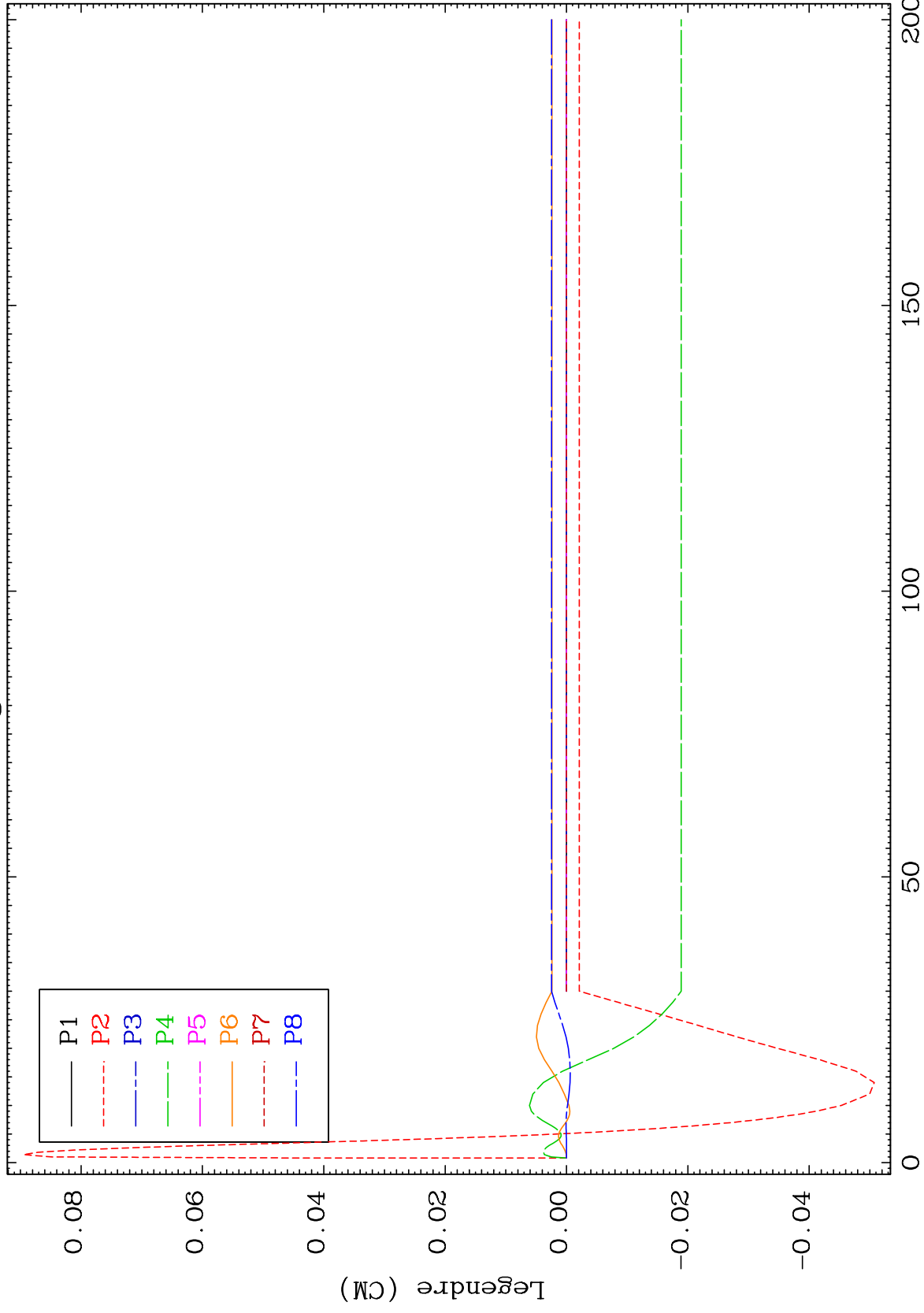
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

41-Nb-86



39

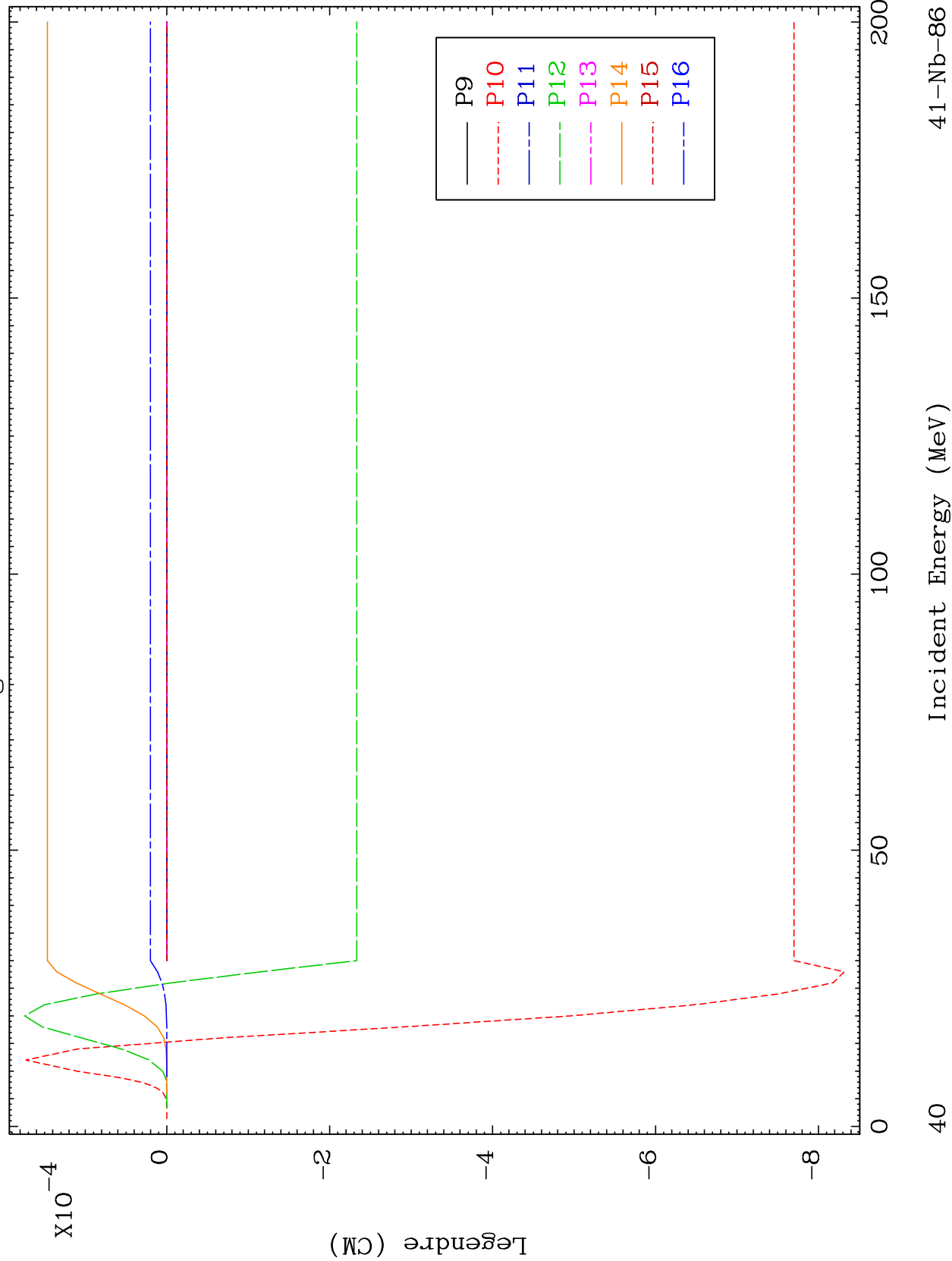
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

41-Nb-86



40

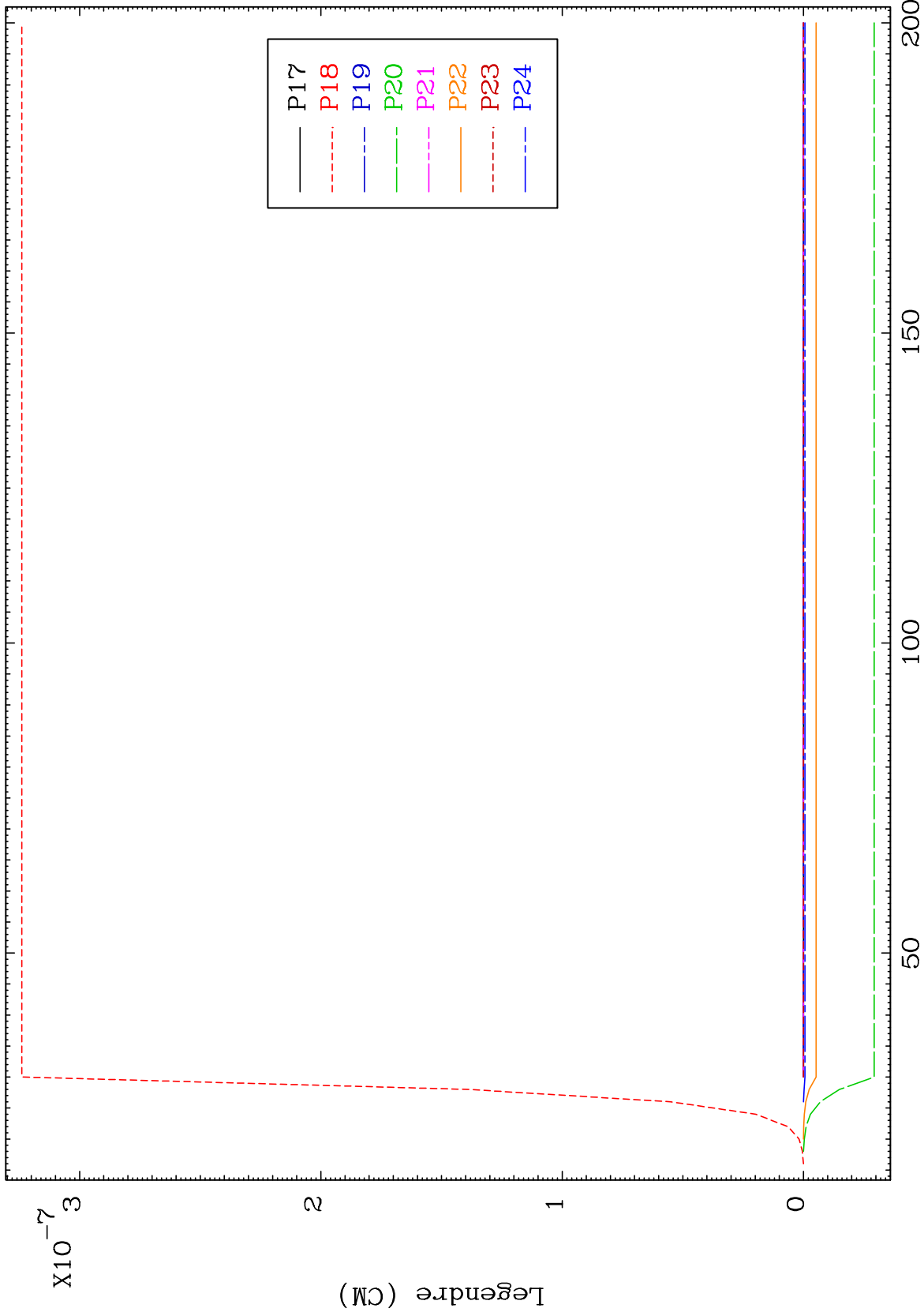
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

41-Nb-86



41

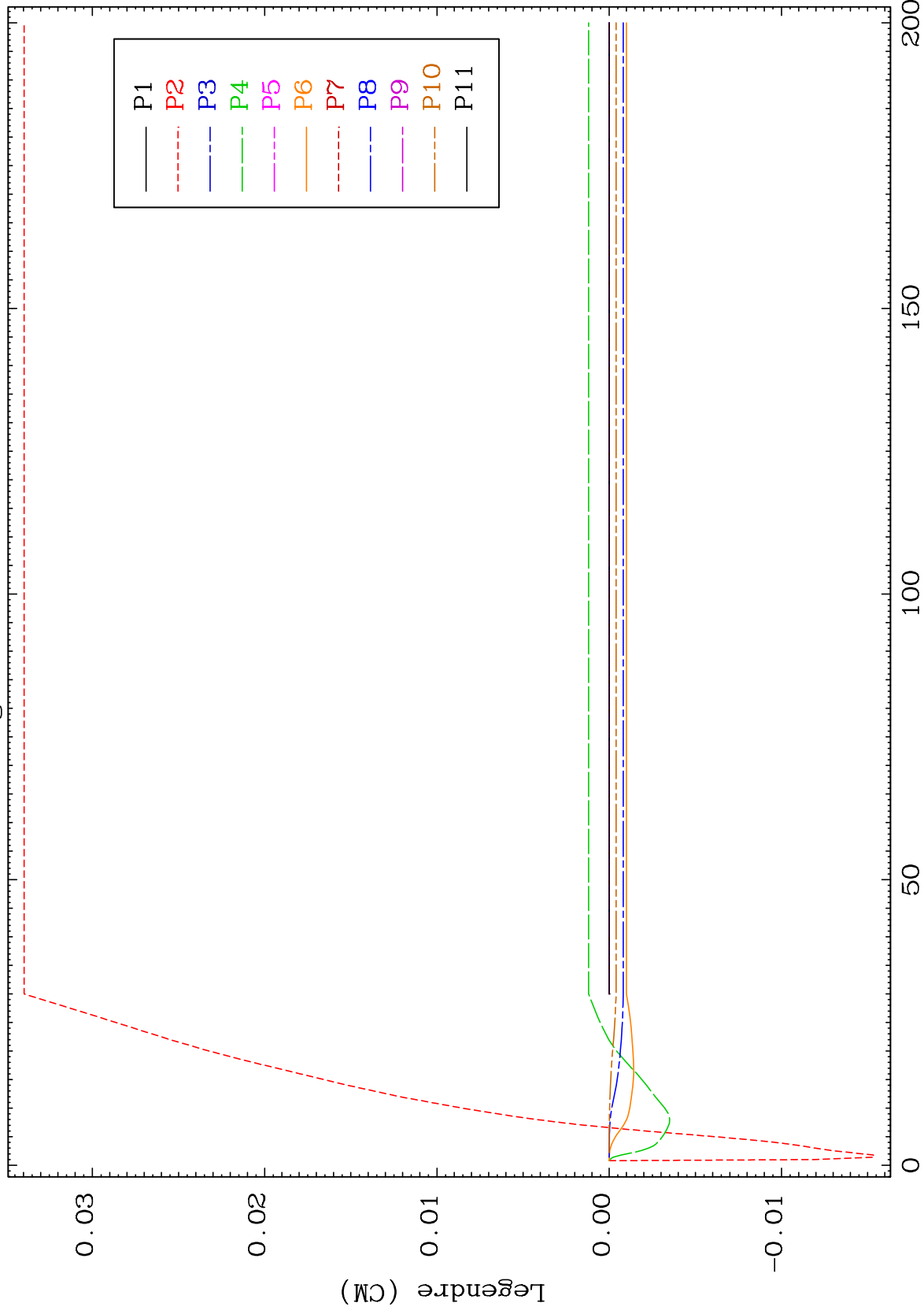
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

41-Nb-86



42

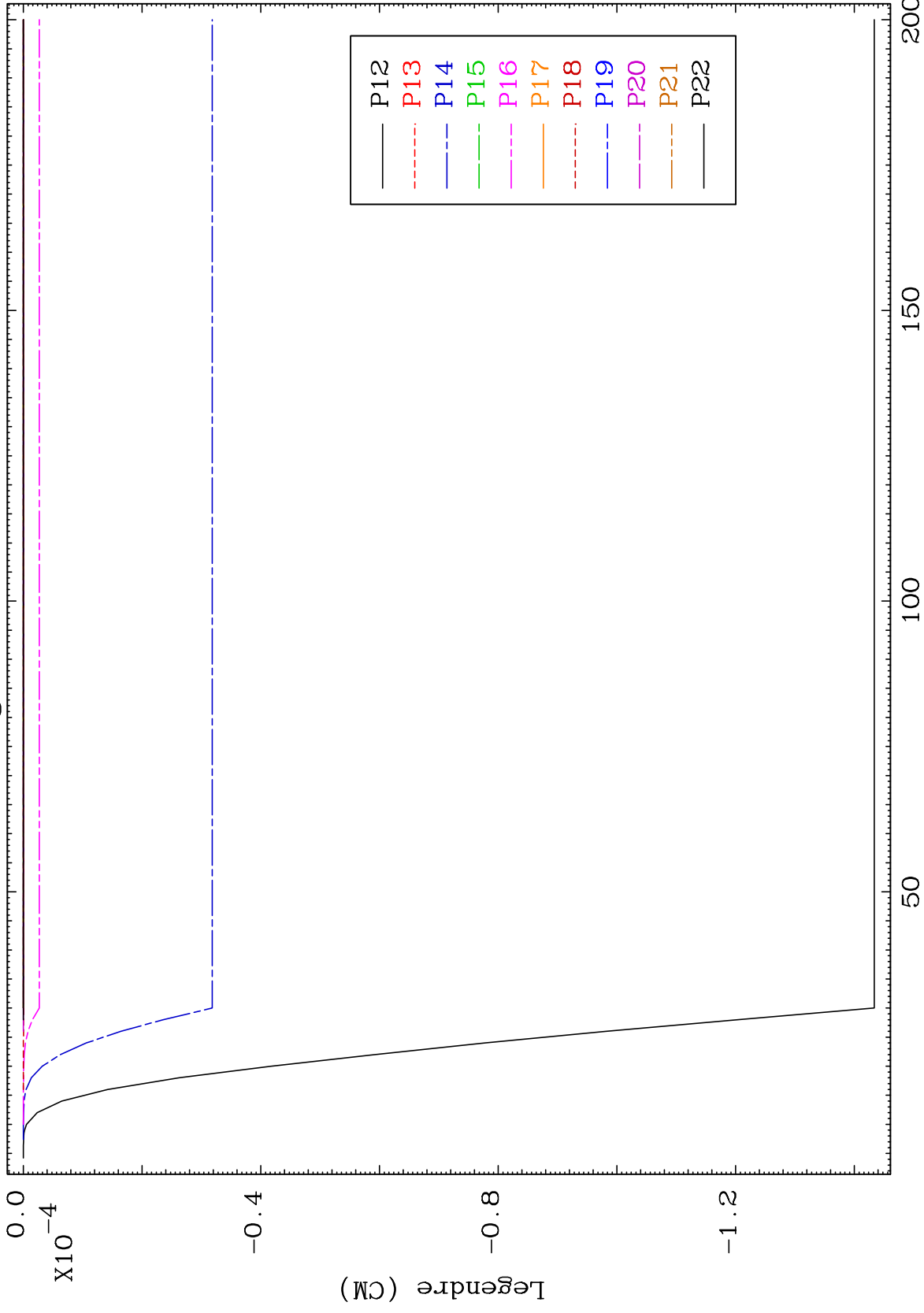
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

41-Nb-86



43

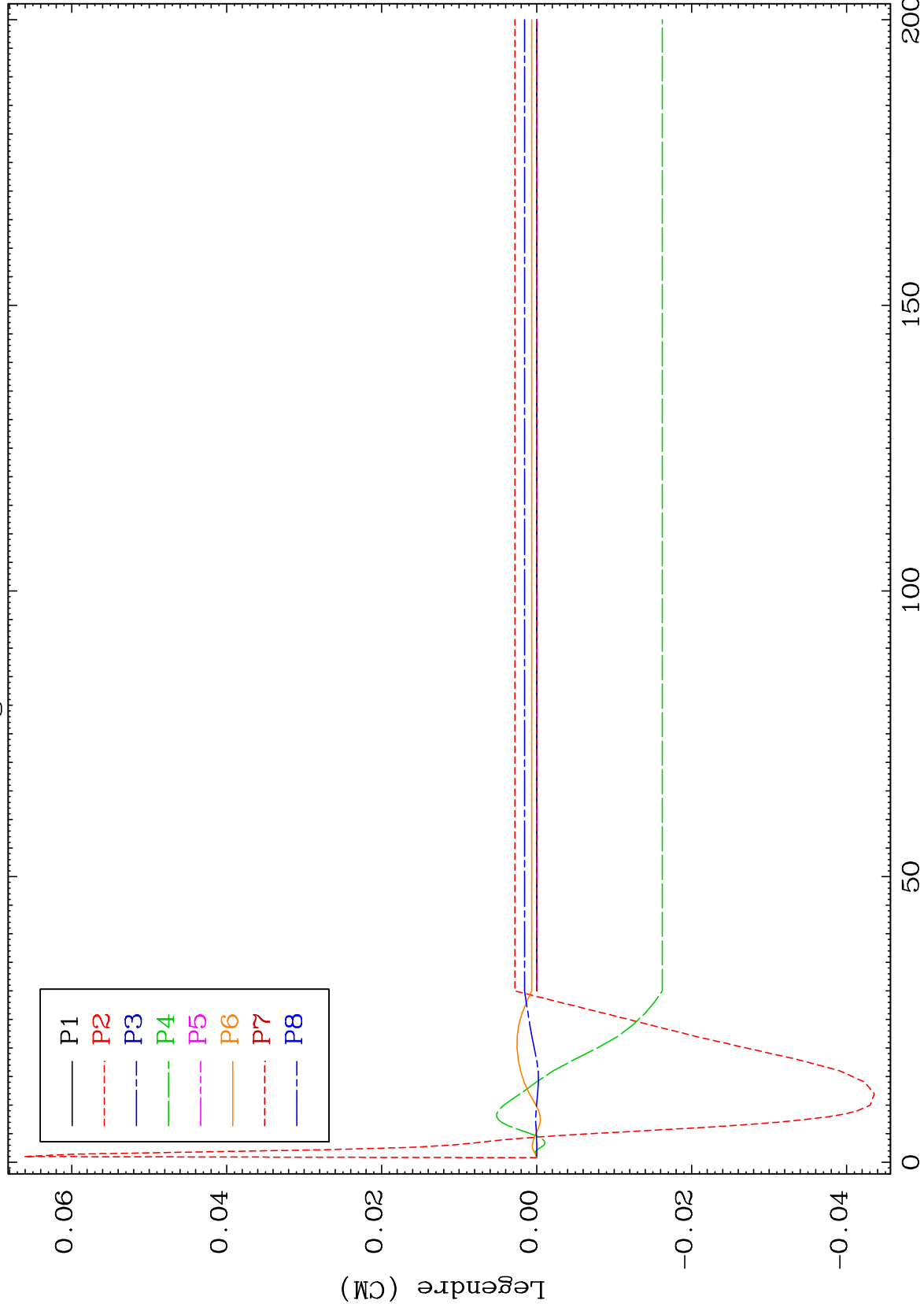
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

41-Nb-86



44

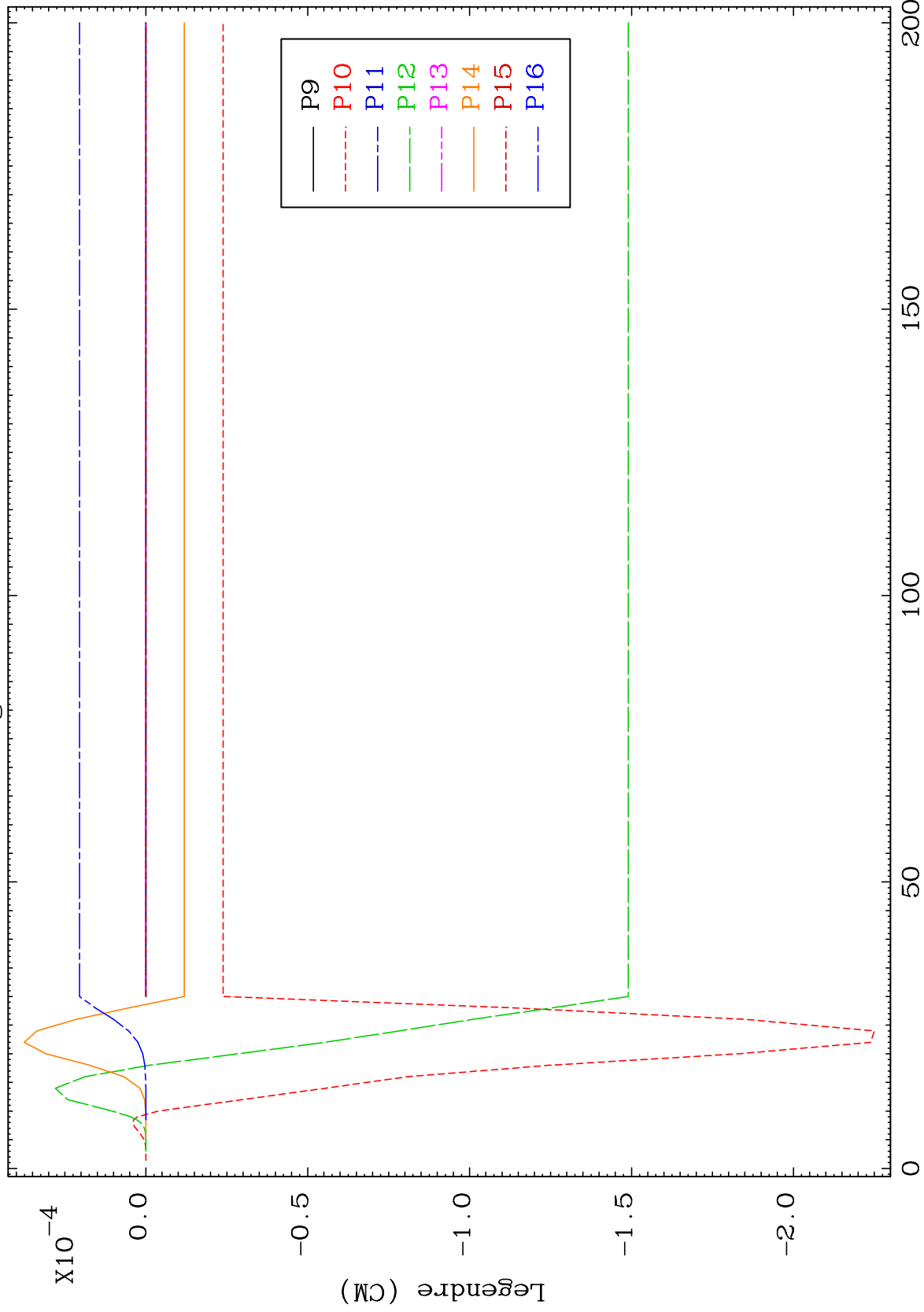
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

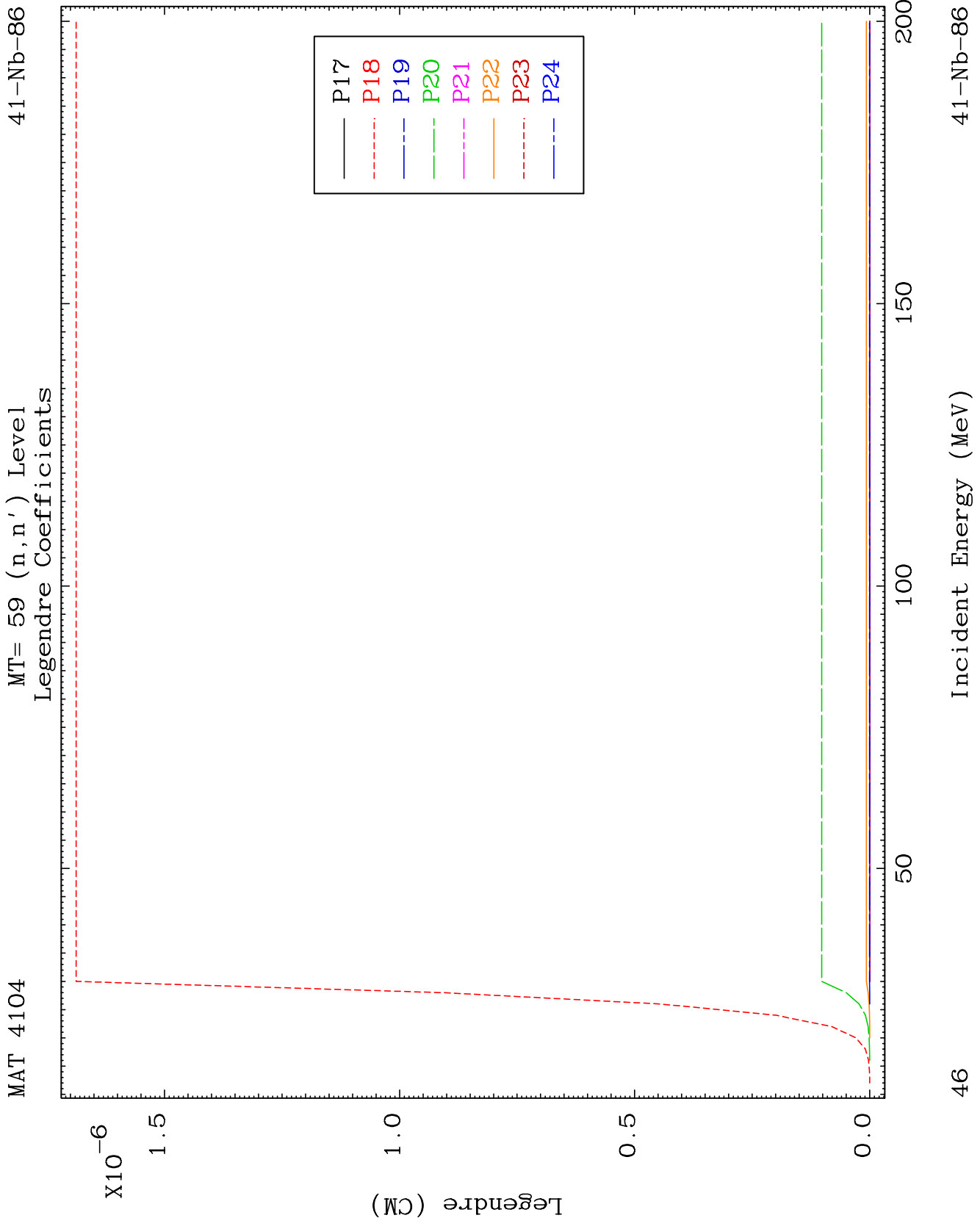
41-Nb-86



45

Incident Energy (MeV)

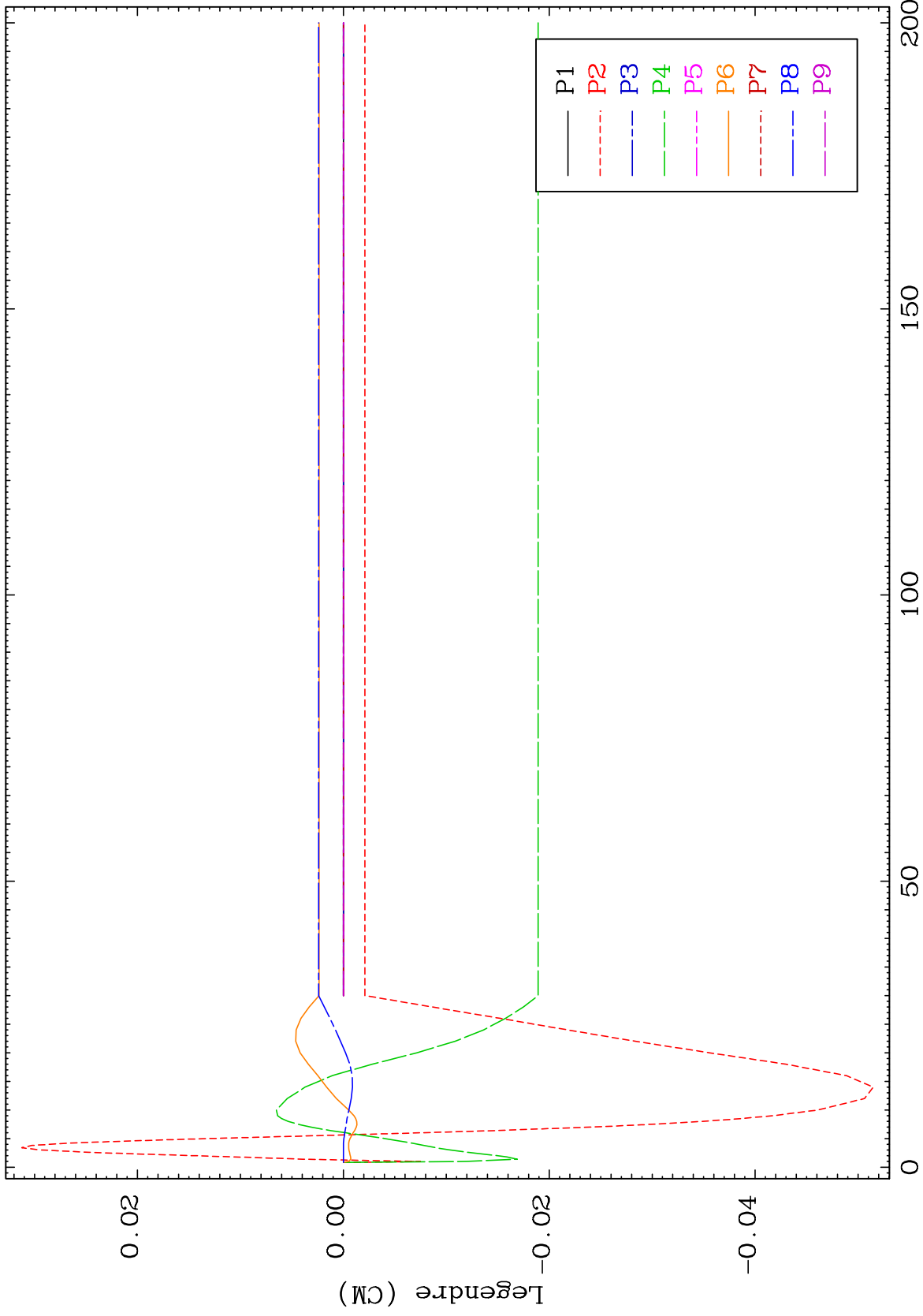
41-Nb-86



MAT 4104

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

41-Nb-86



47

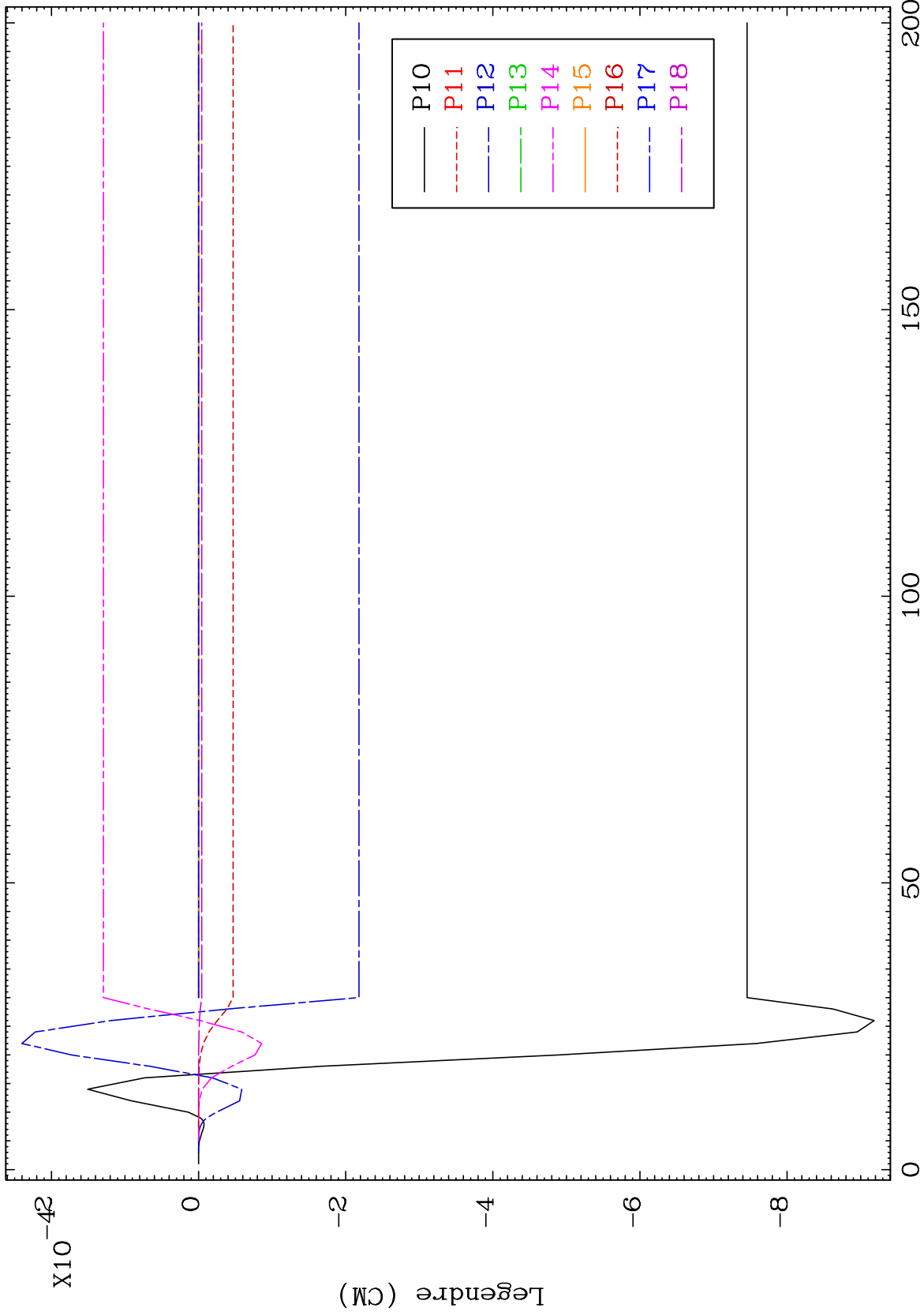
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

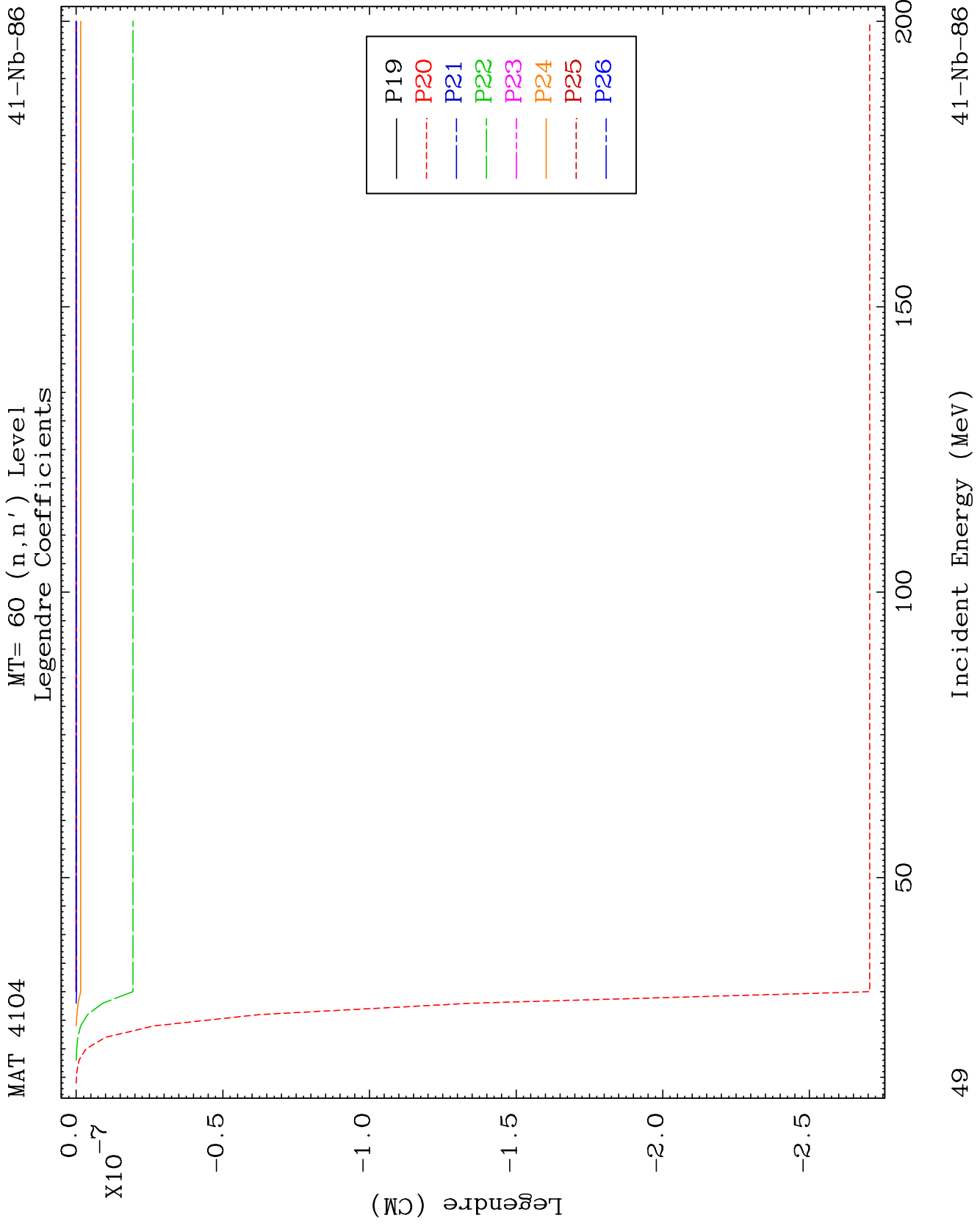
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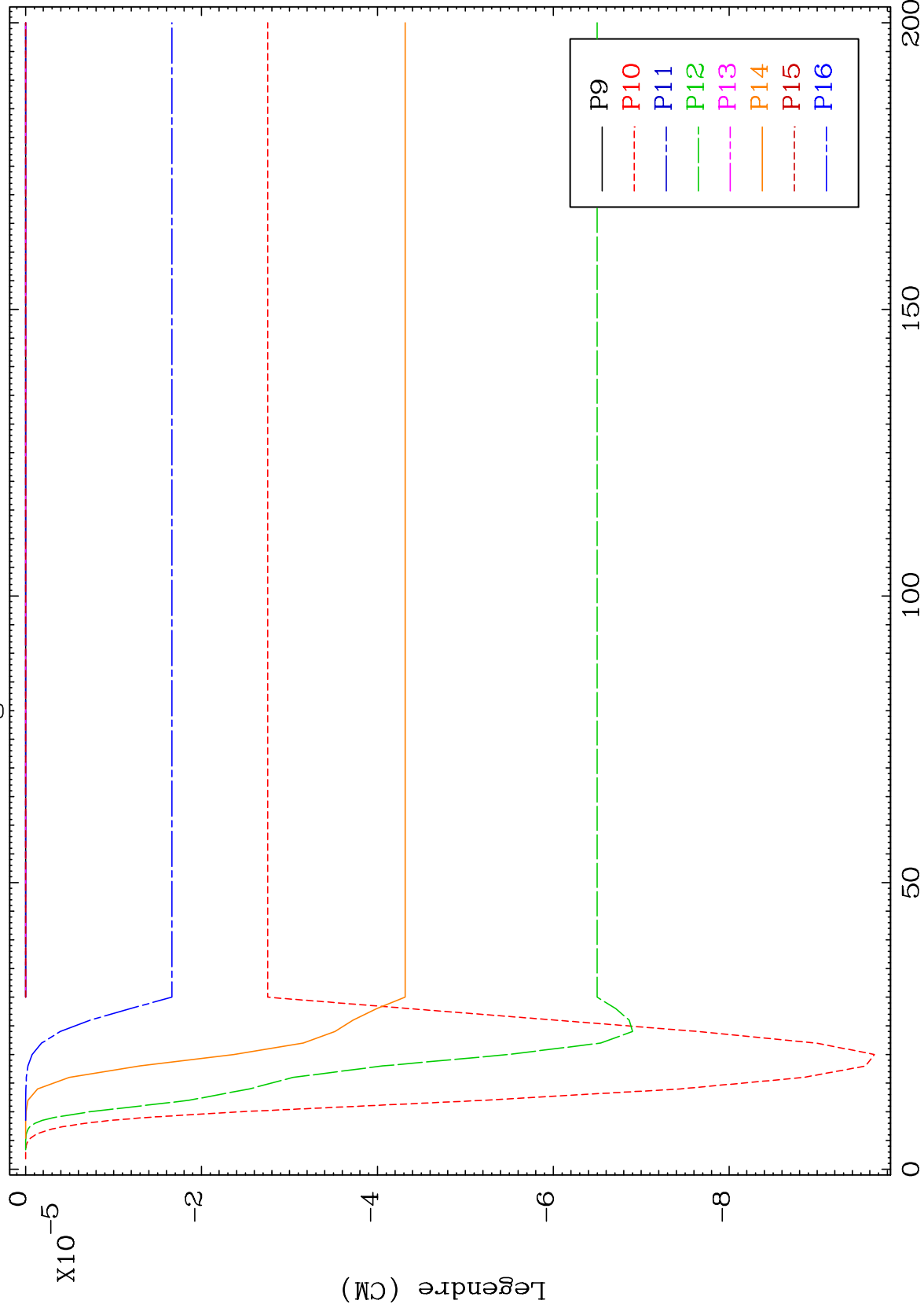


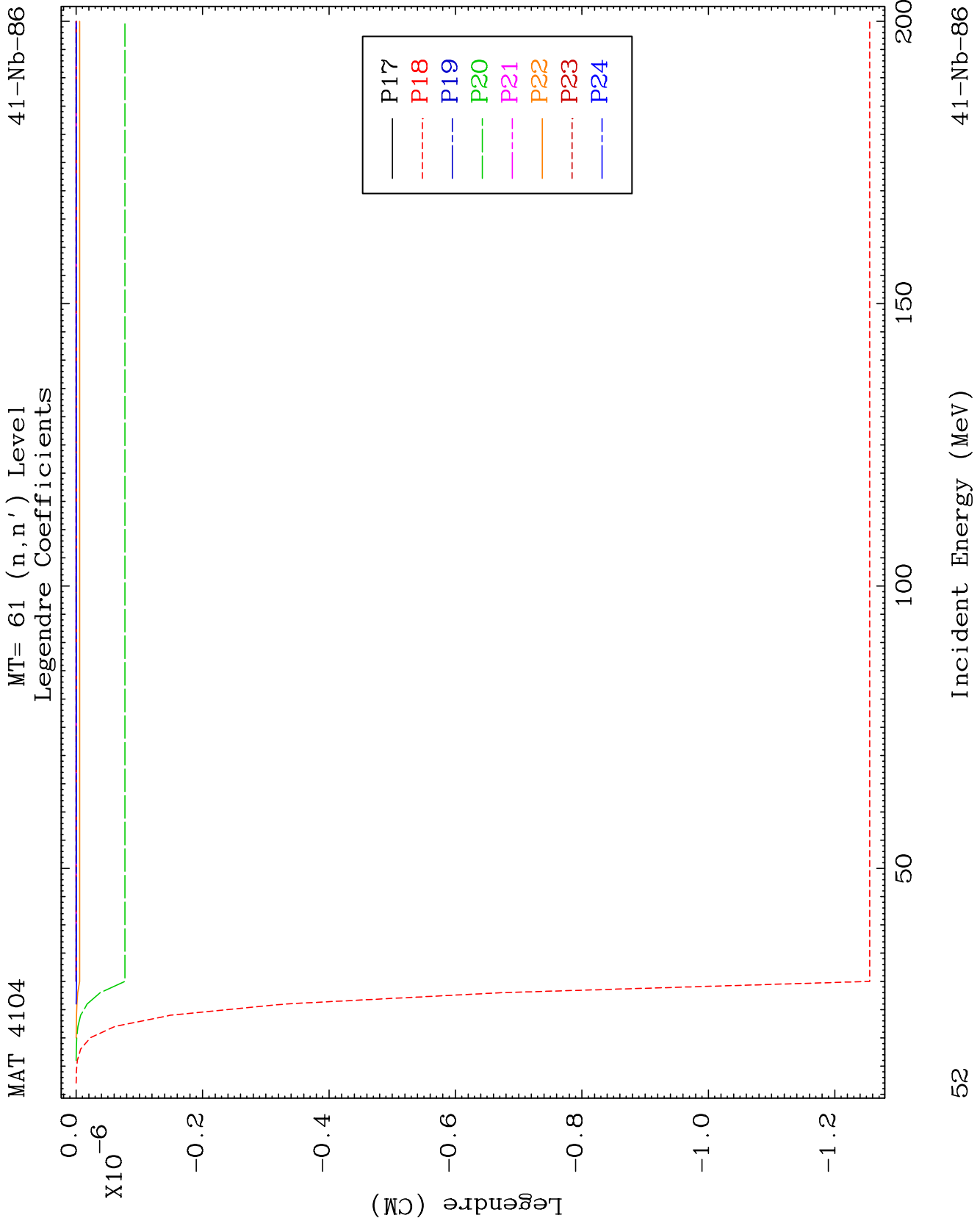
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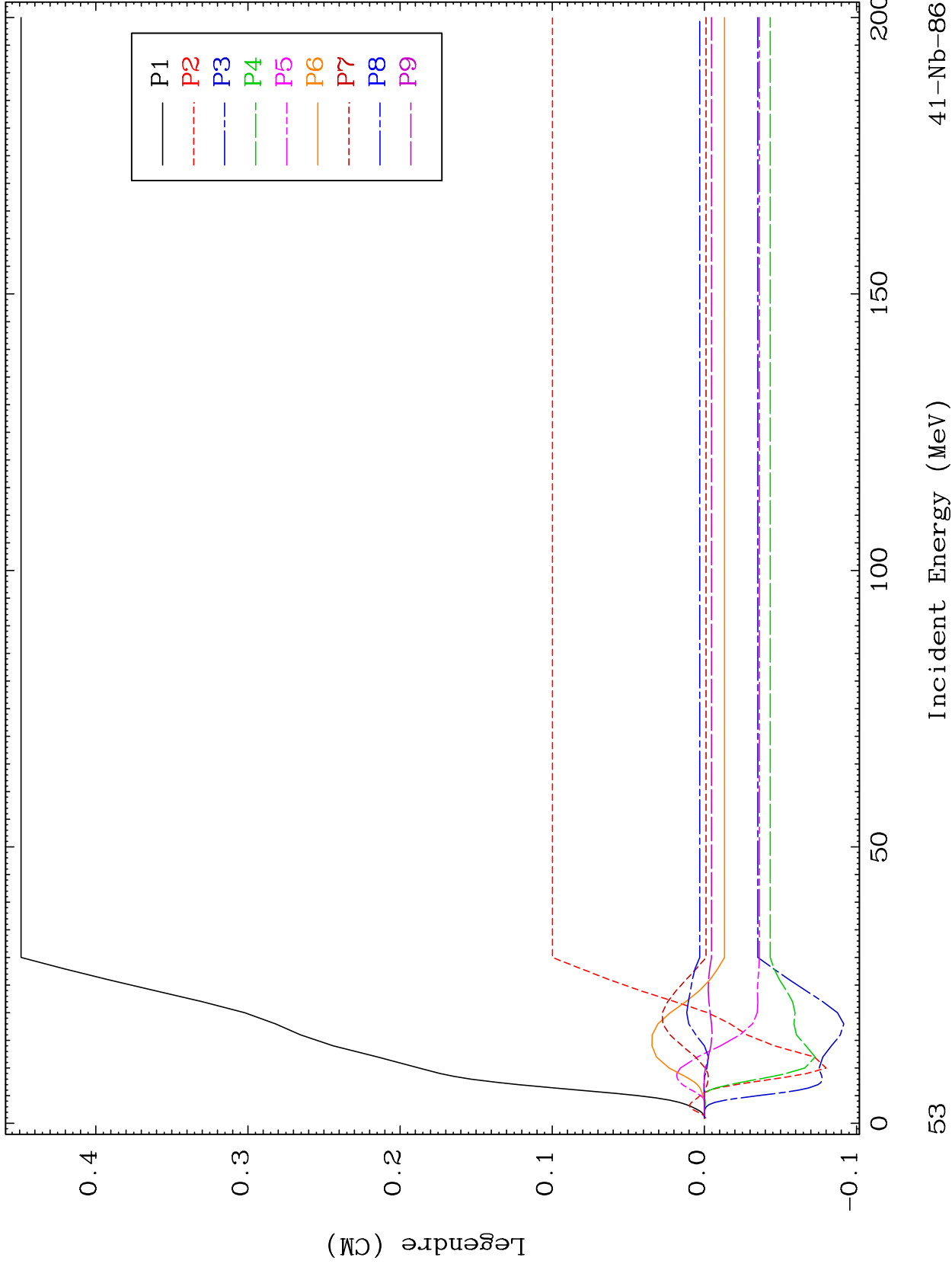
Incident Energy (MeV)

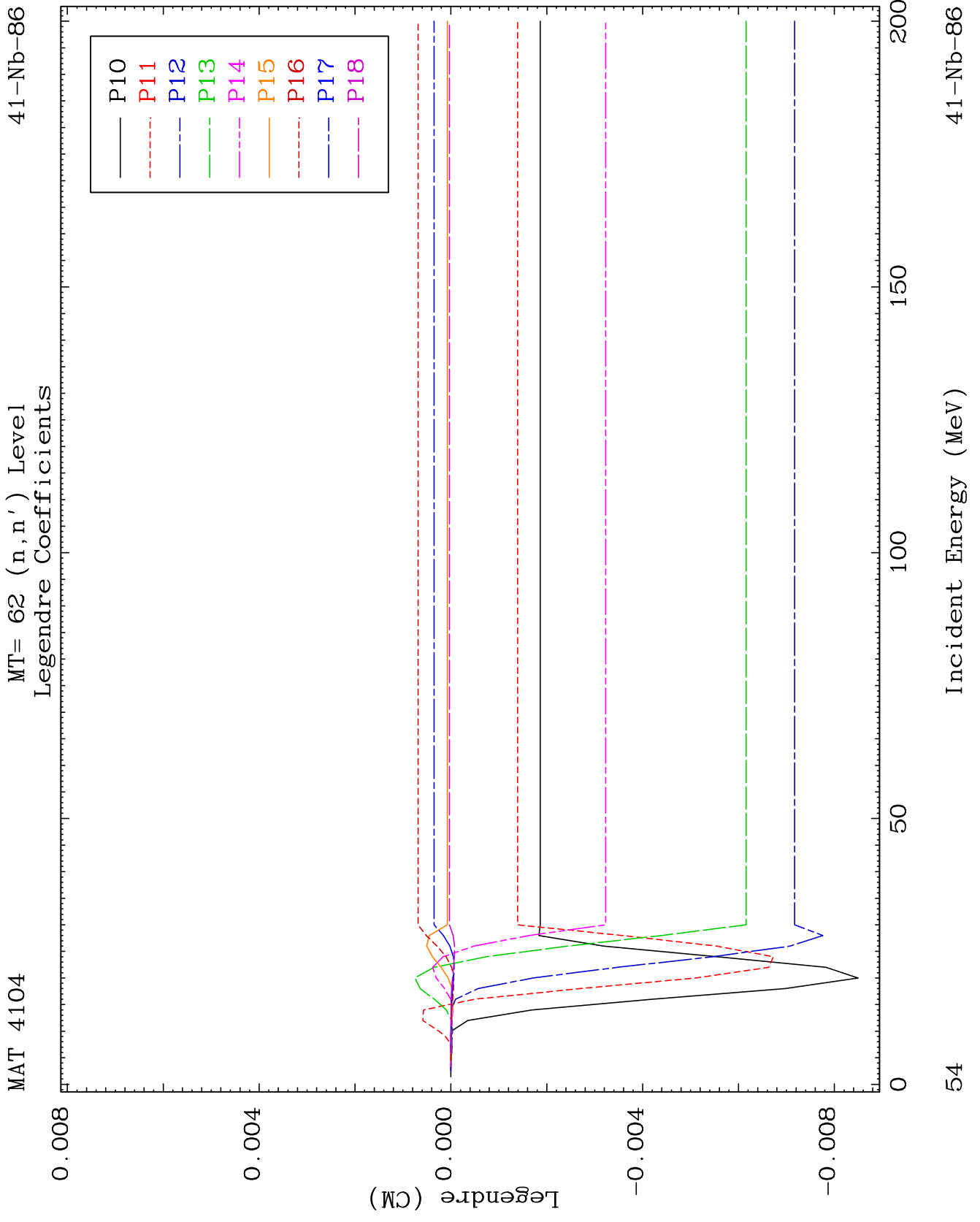
41-Nb-86







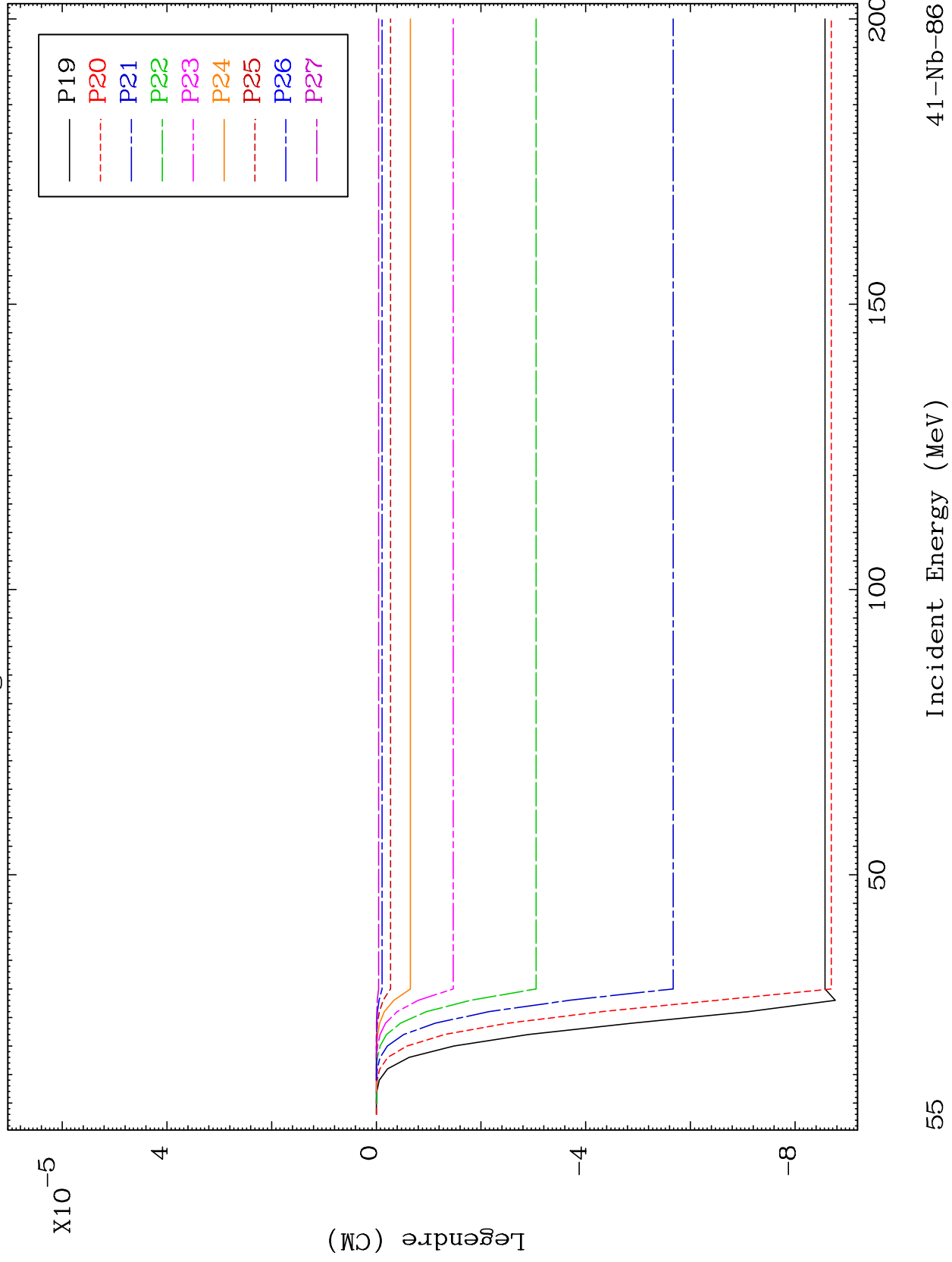




MAT 4104

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

41-Nb-86



55

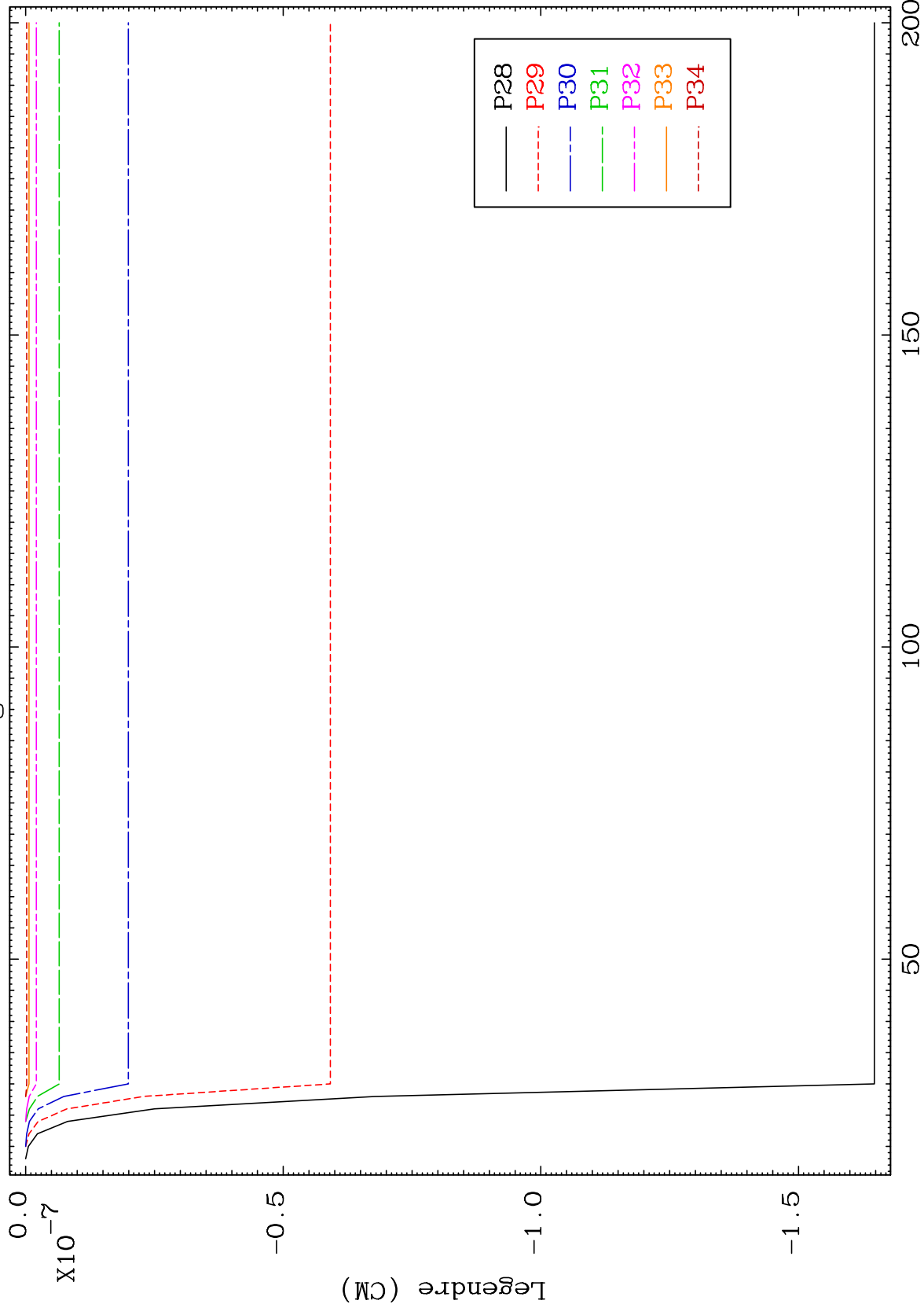
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

41-Nb-86



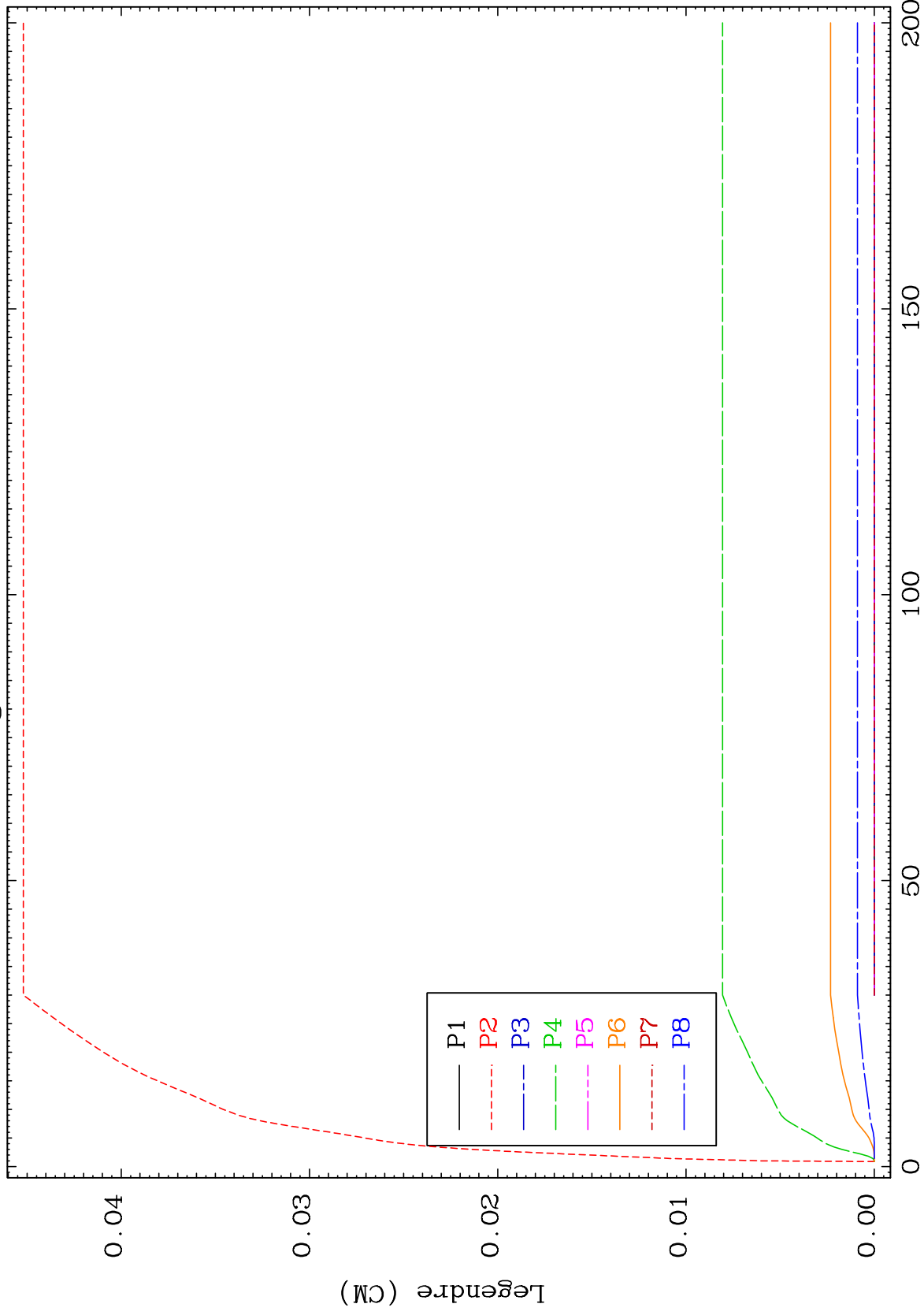
56

41-Nb-86

MAT 4104

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

41-Nb-86



41-Nb-86

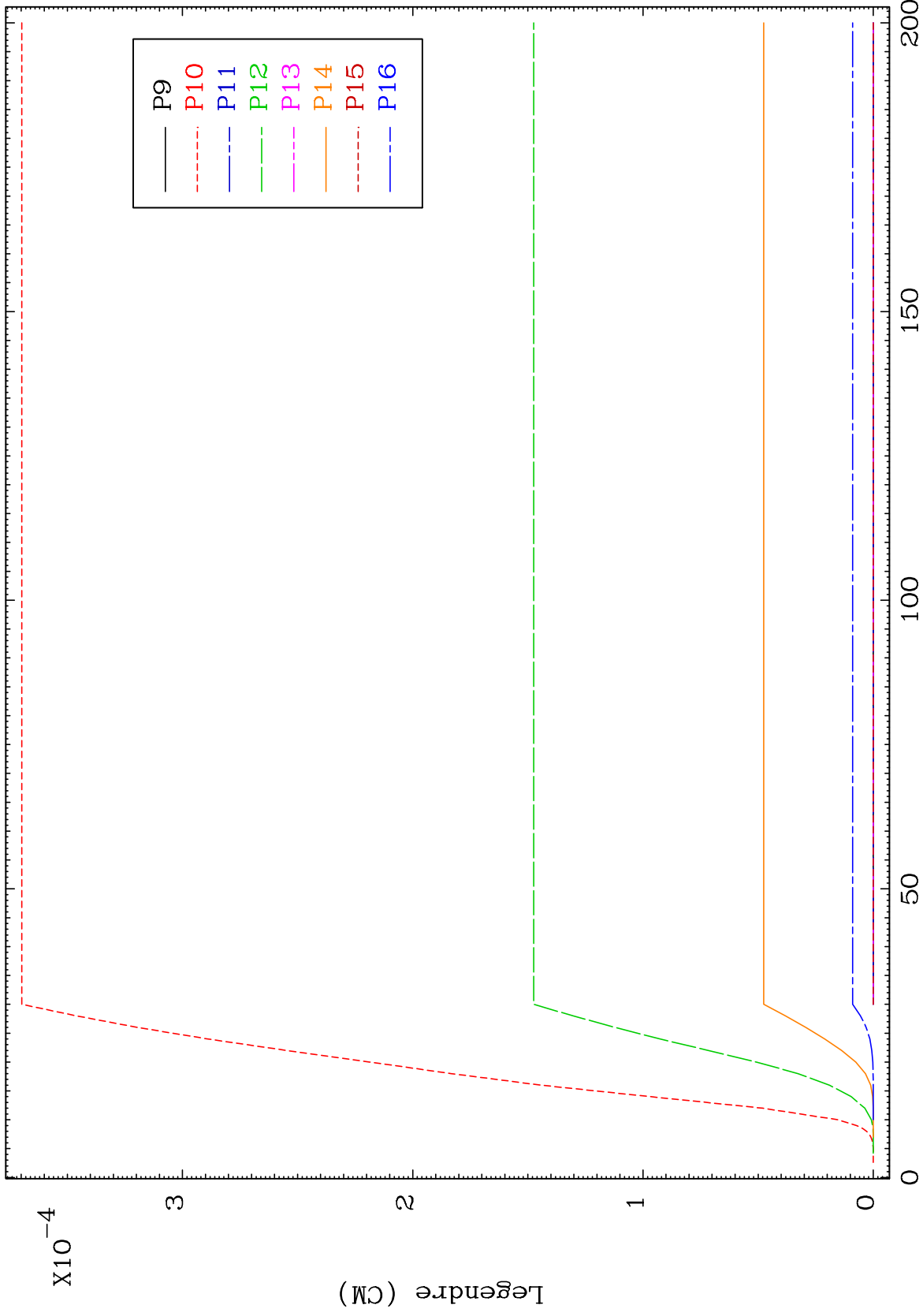
Incident Energy (MeV)

57

MAT 4104

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

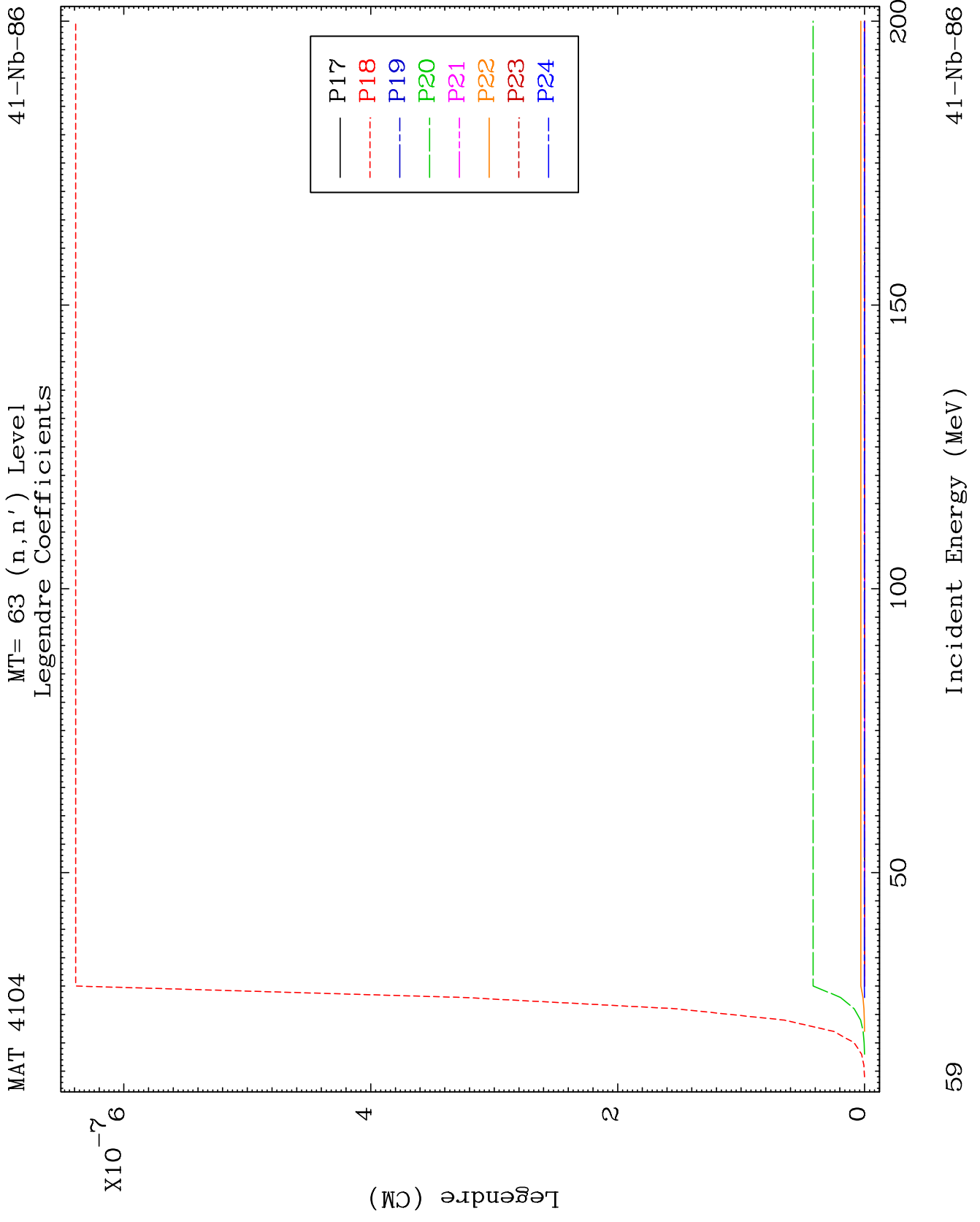
41-Nb-86



58

Incident Energy (MeV)

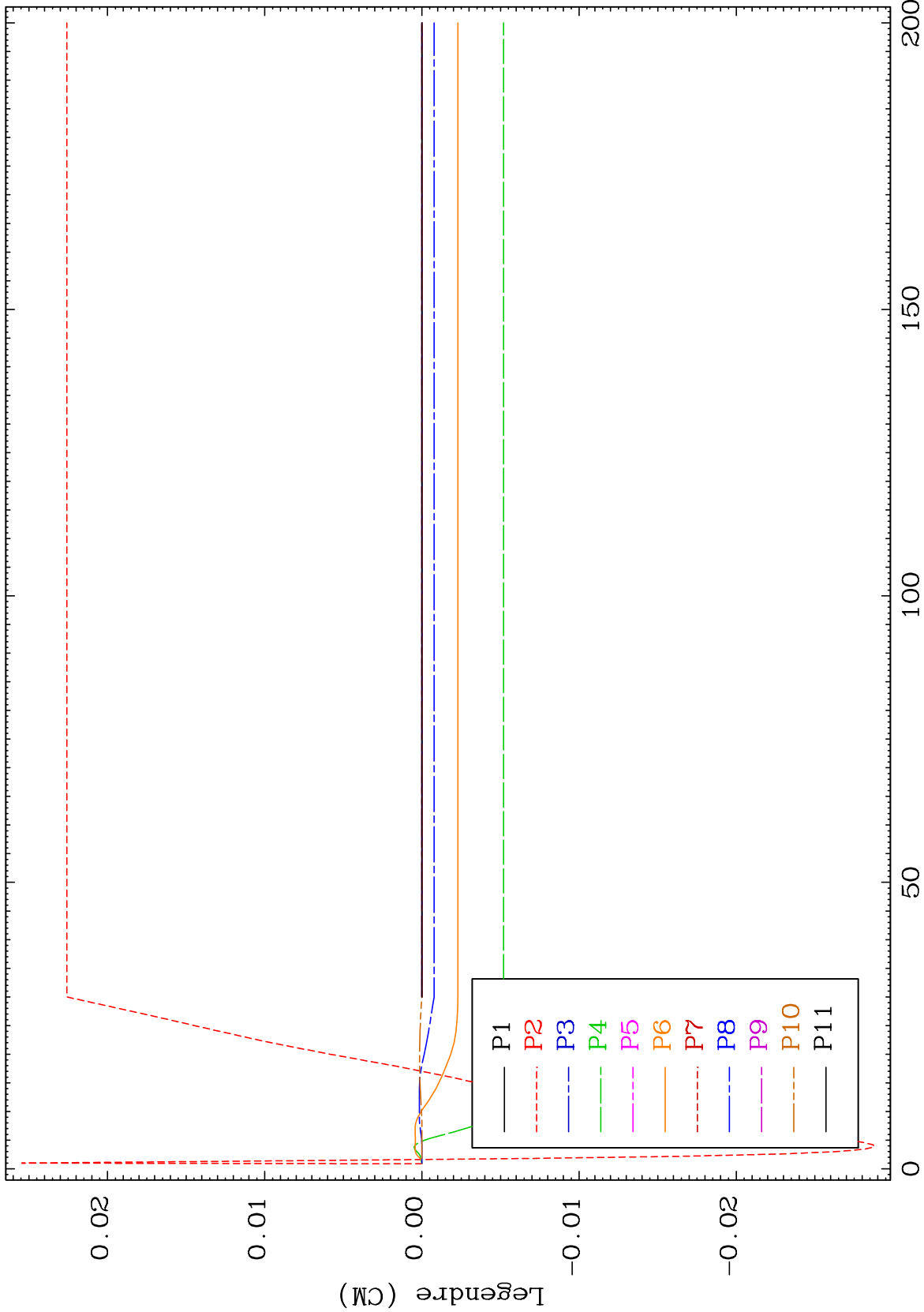
41-Nb-86



MAT 4104

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

41-Nb-86



41-Nb-86

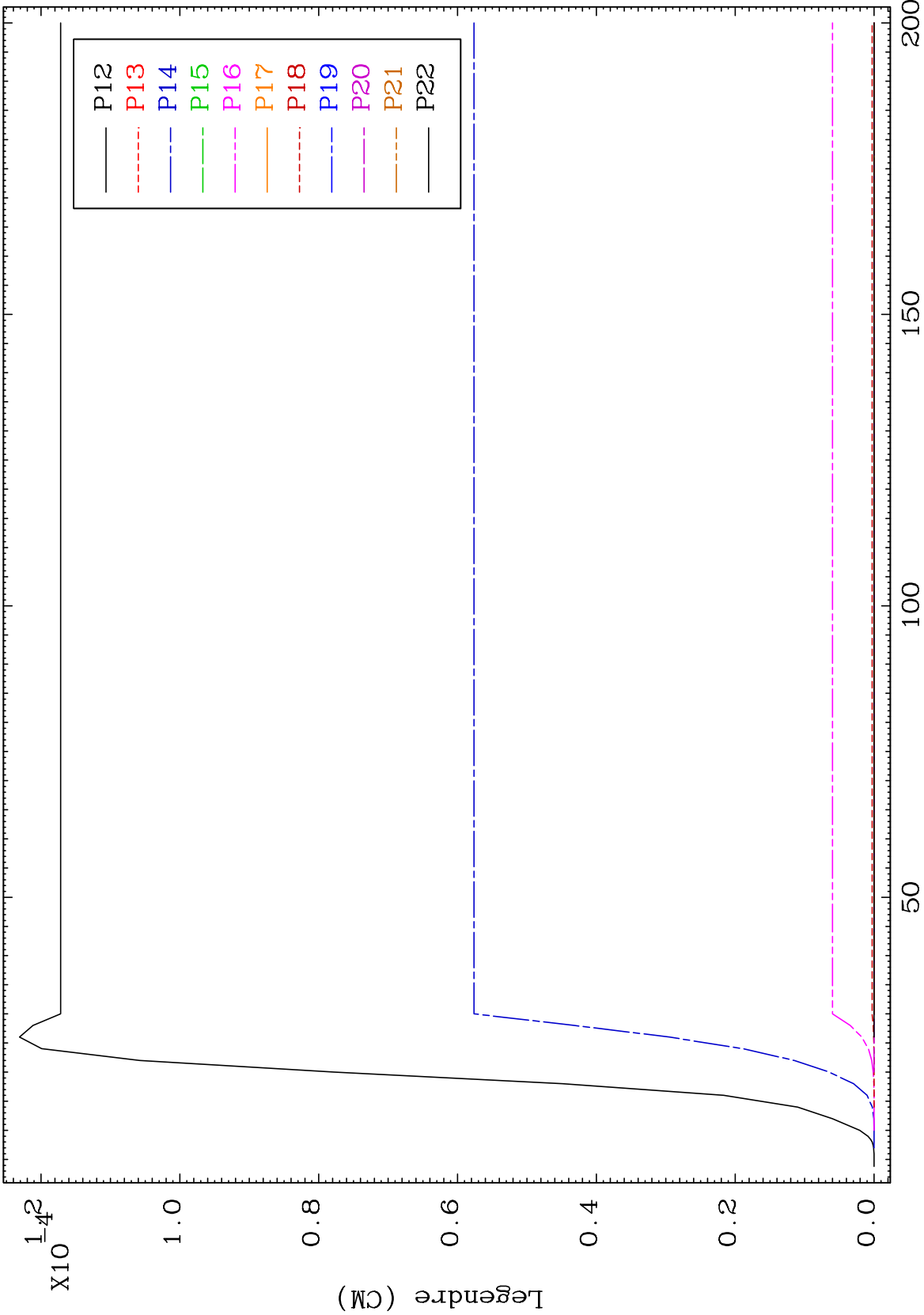
Incident Energy (MeV)

60

MAT 4104

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

41-Nb-86



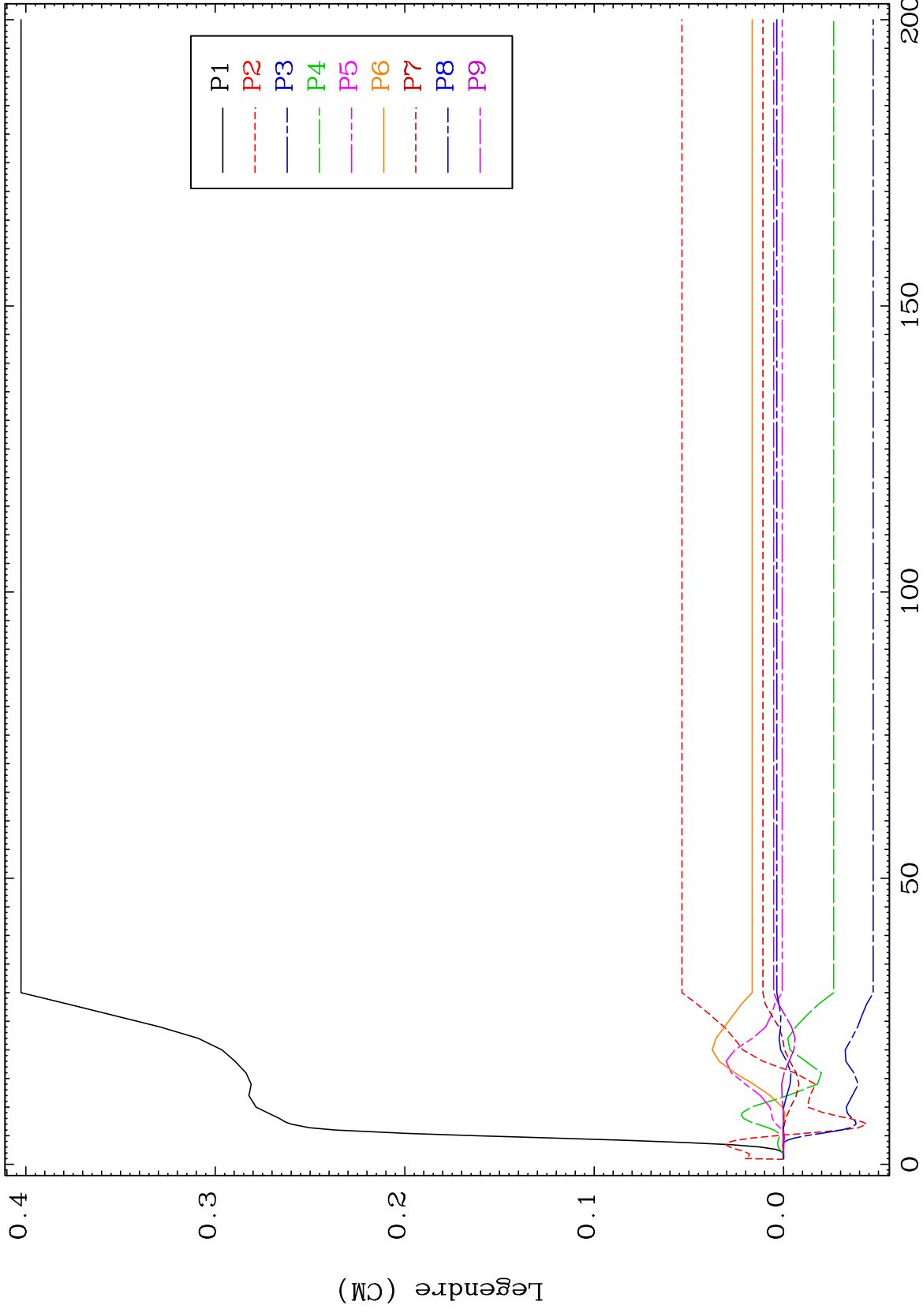
61

41-Nb-86

MAT 4104

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

41-Nb-86



62

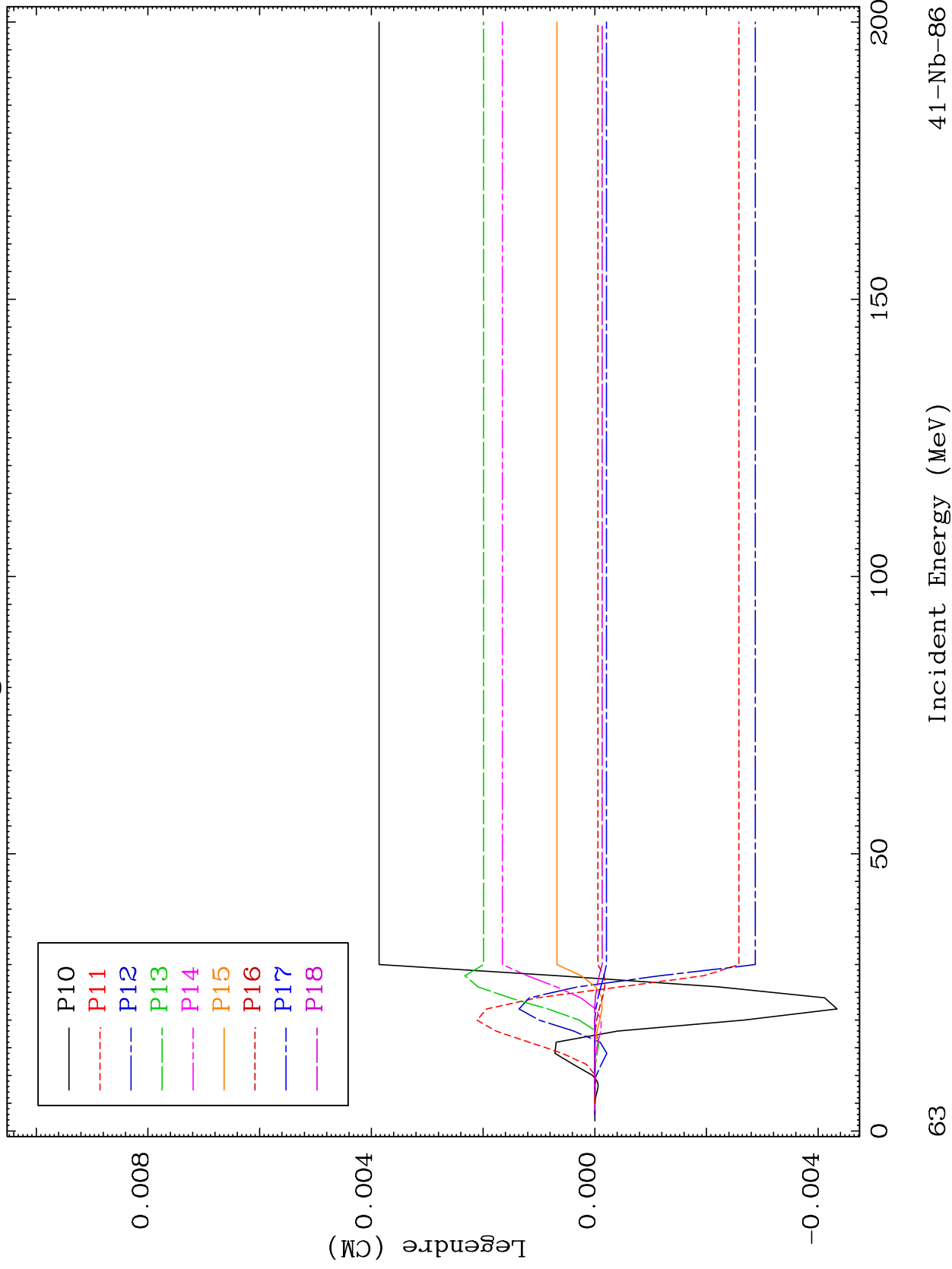
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

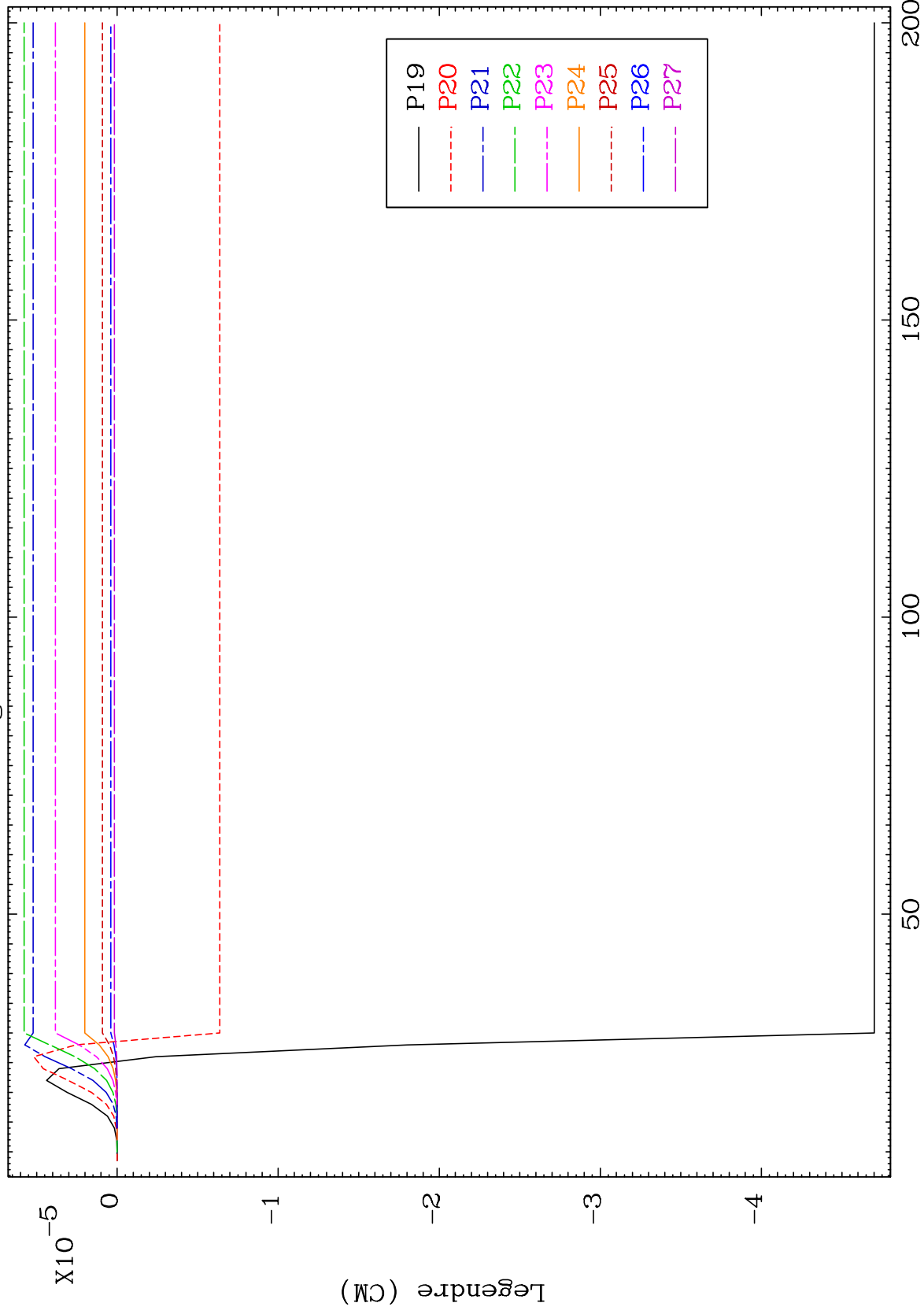
41-Nb-86



MAT 4104

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

41-Nb-86



64

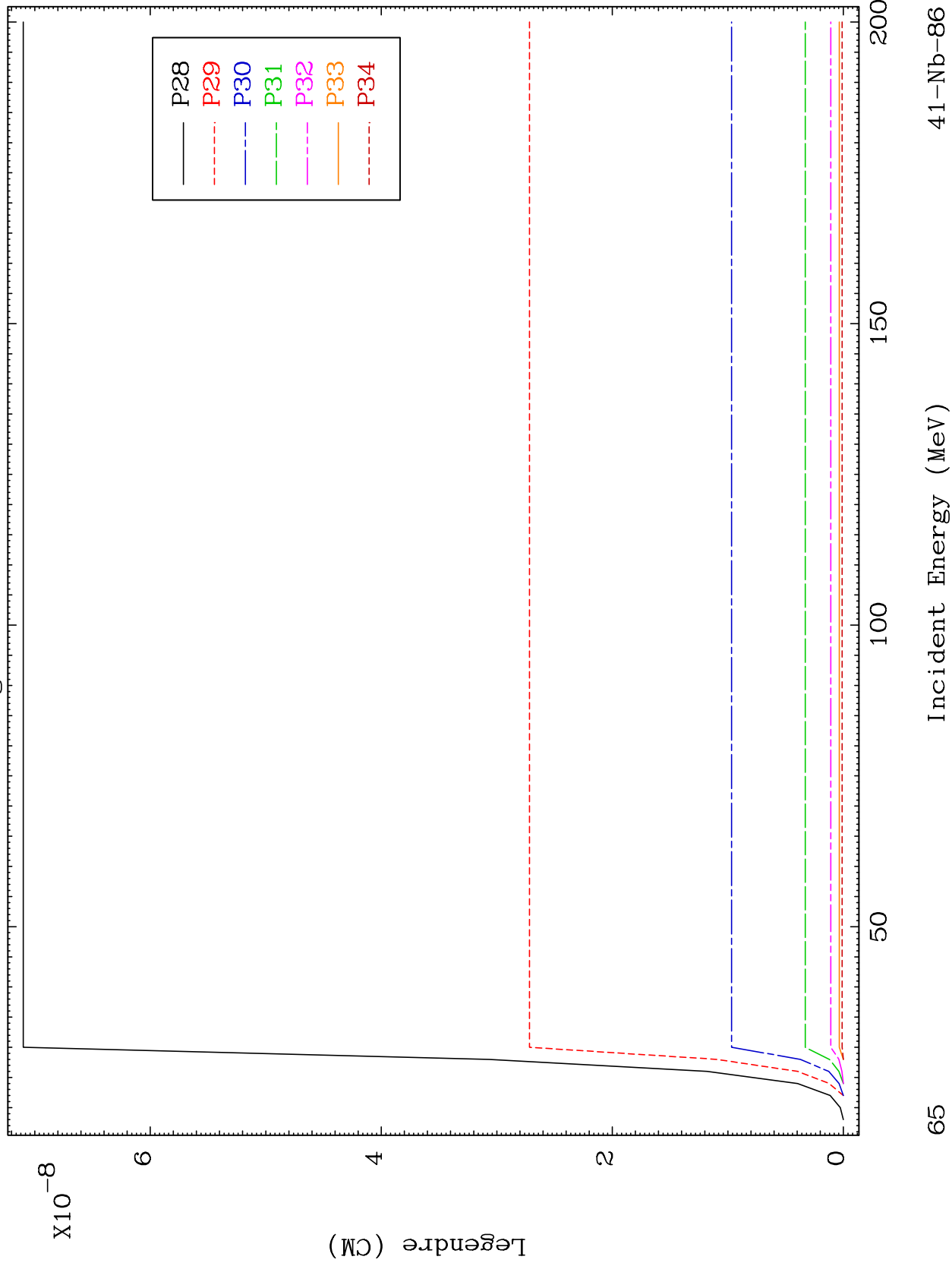
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

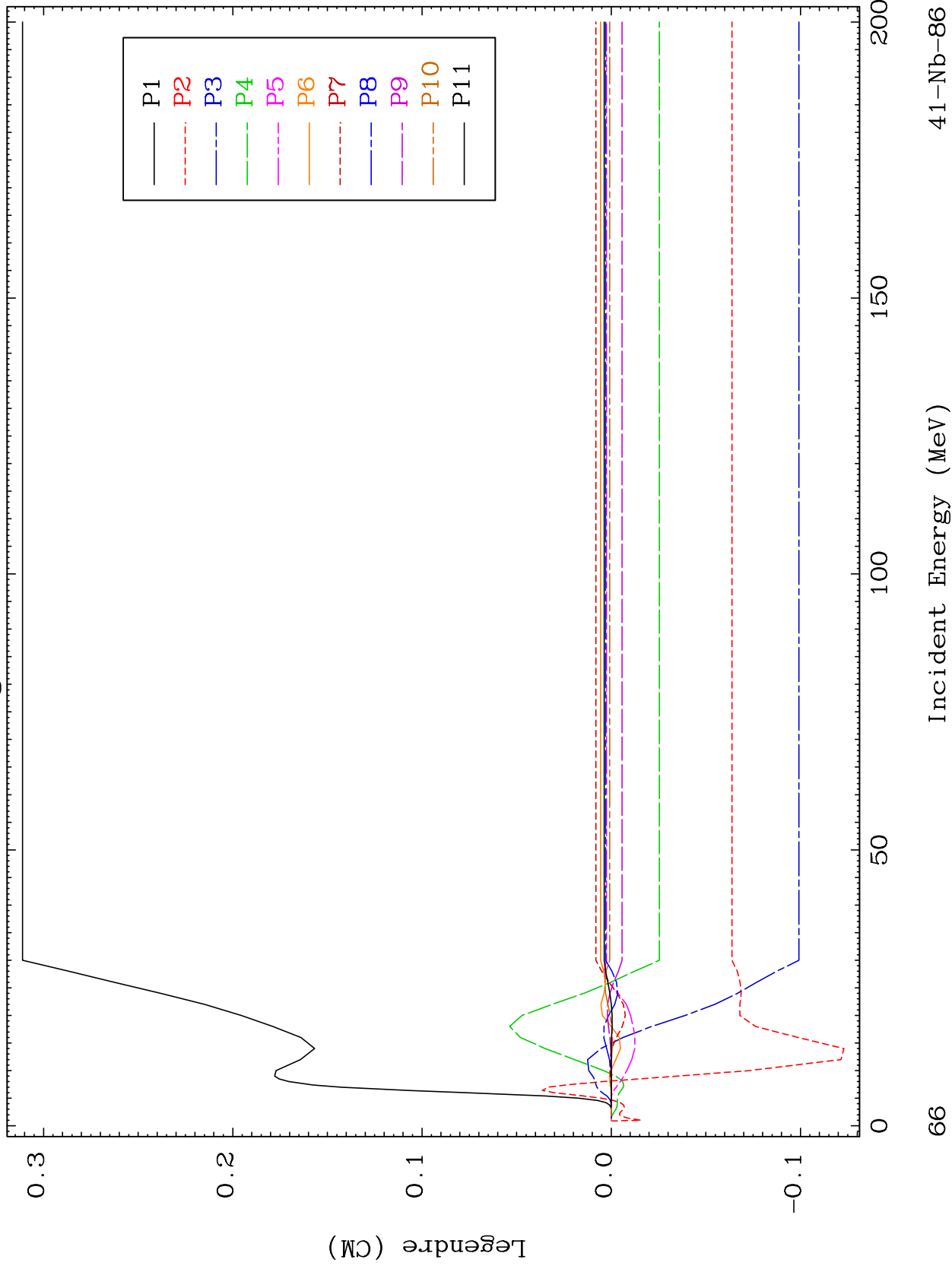
41-Nb-86



MAT 4104

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

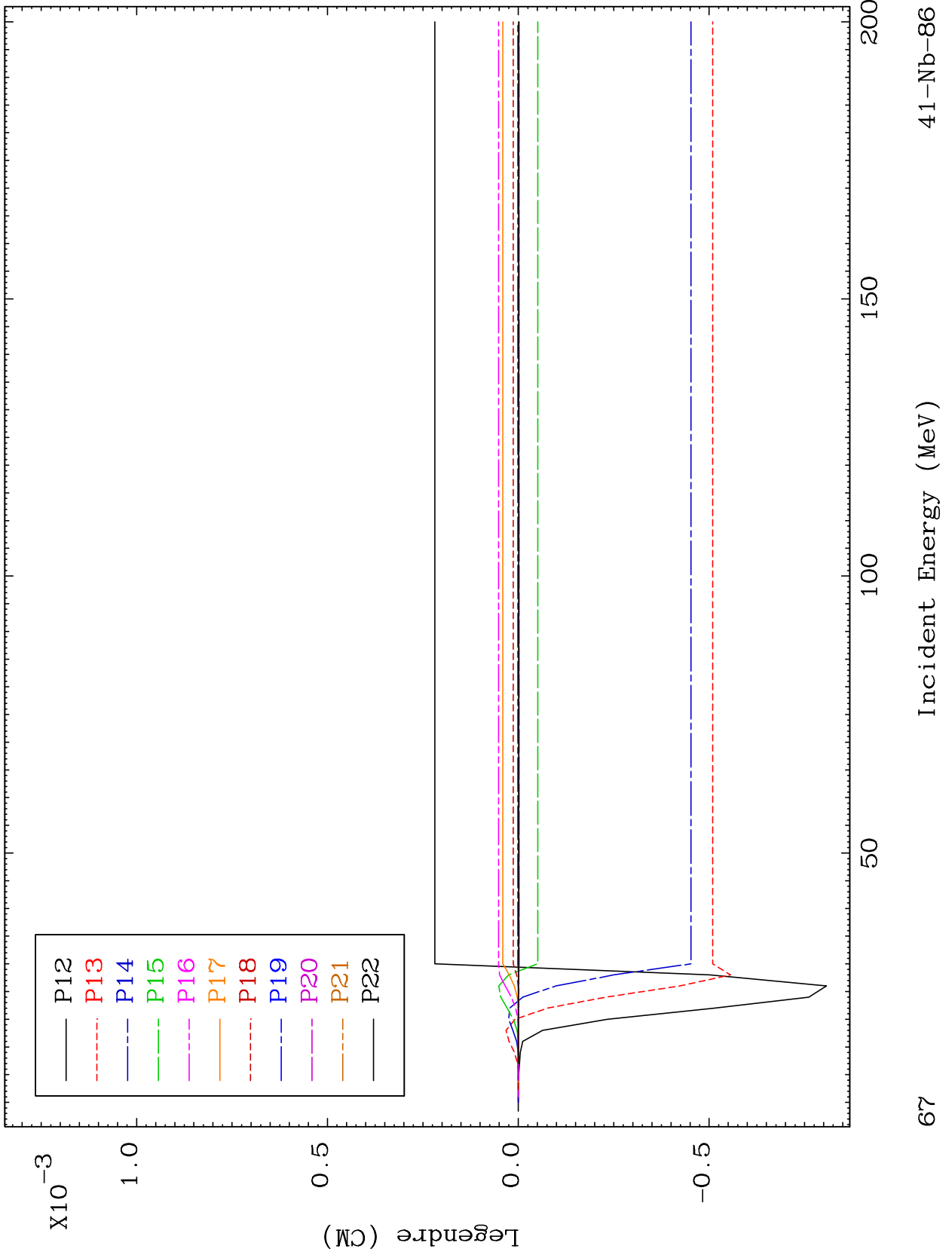
41-Nb-86



41-Nb-86

Incident Energy (MeV)

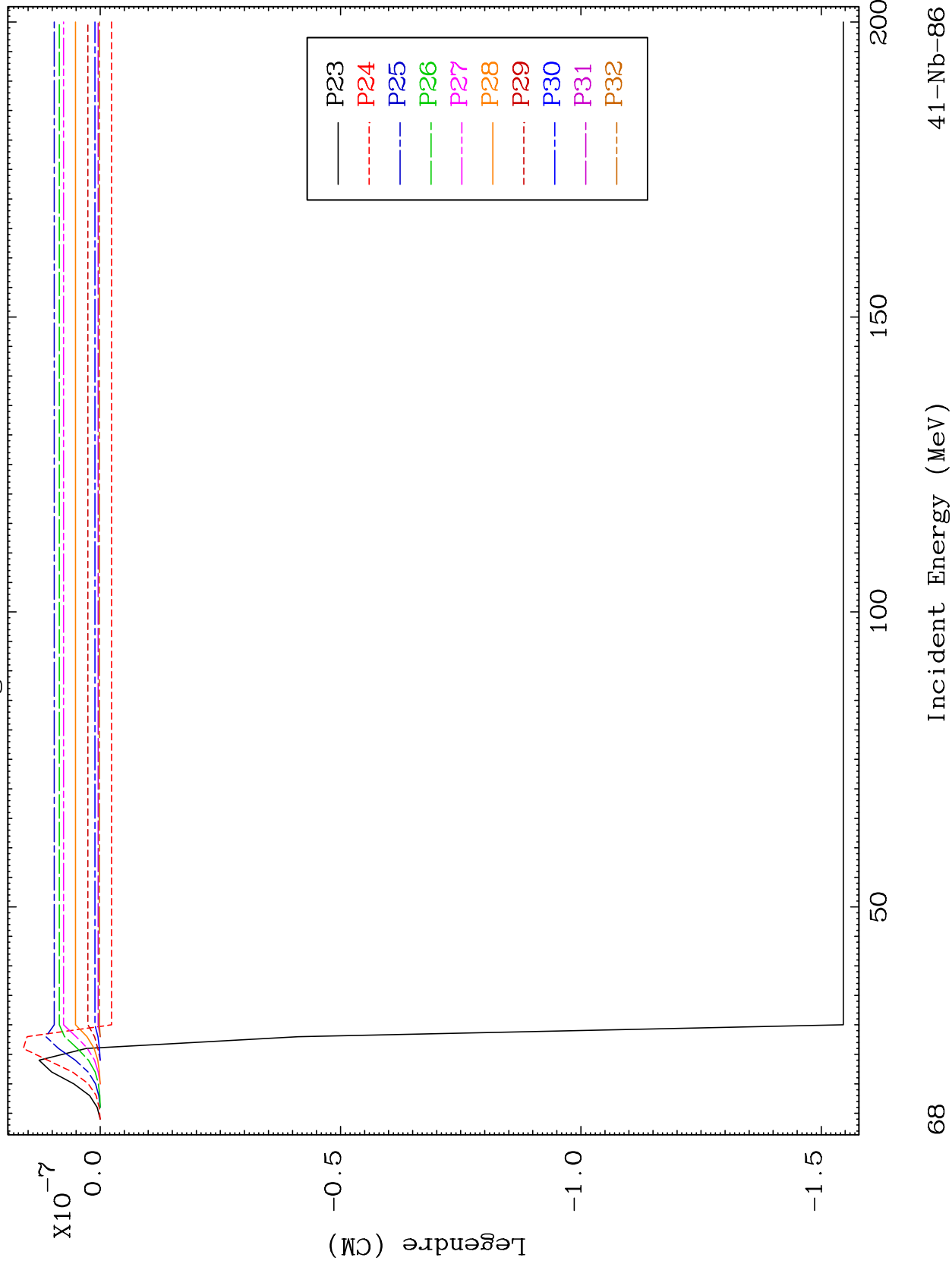
66



MAT 4104

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

41-Nb-86



68

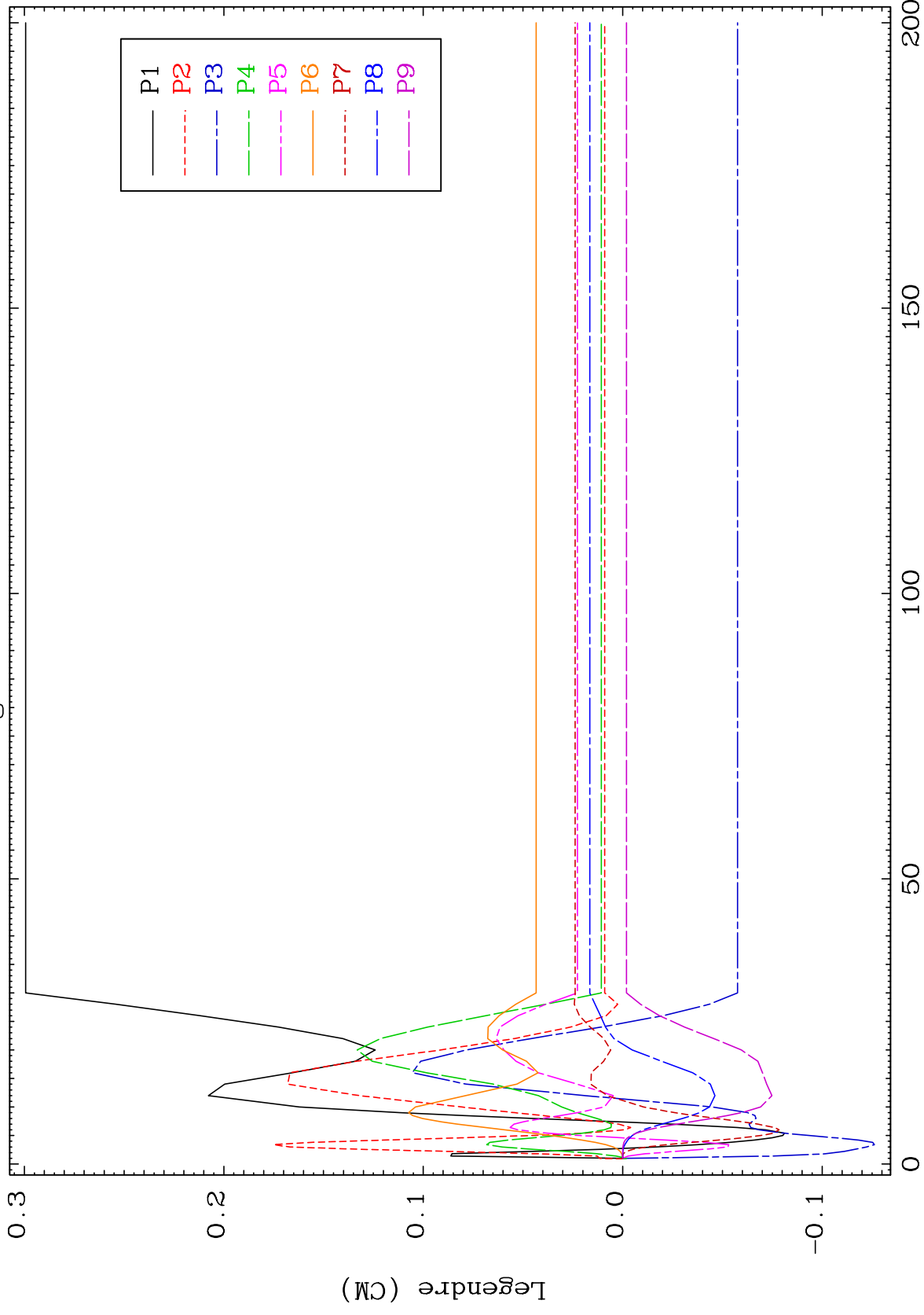
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

41-Nb-86



69

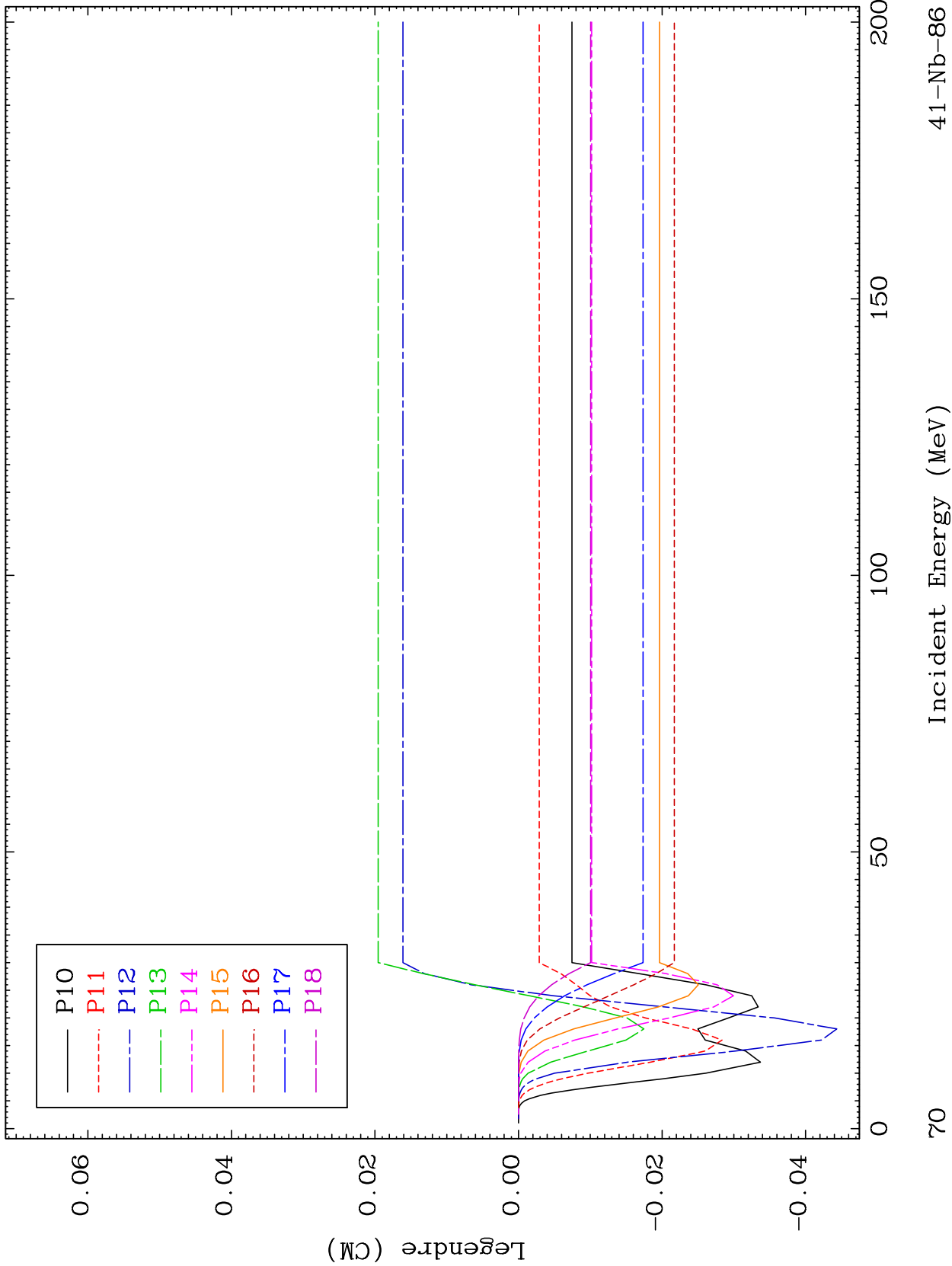
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

41-Nb-86



41-Nb-86

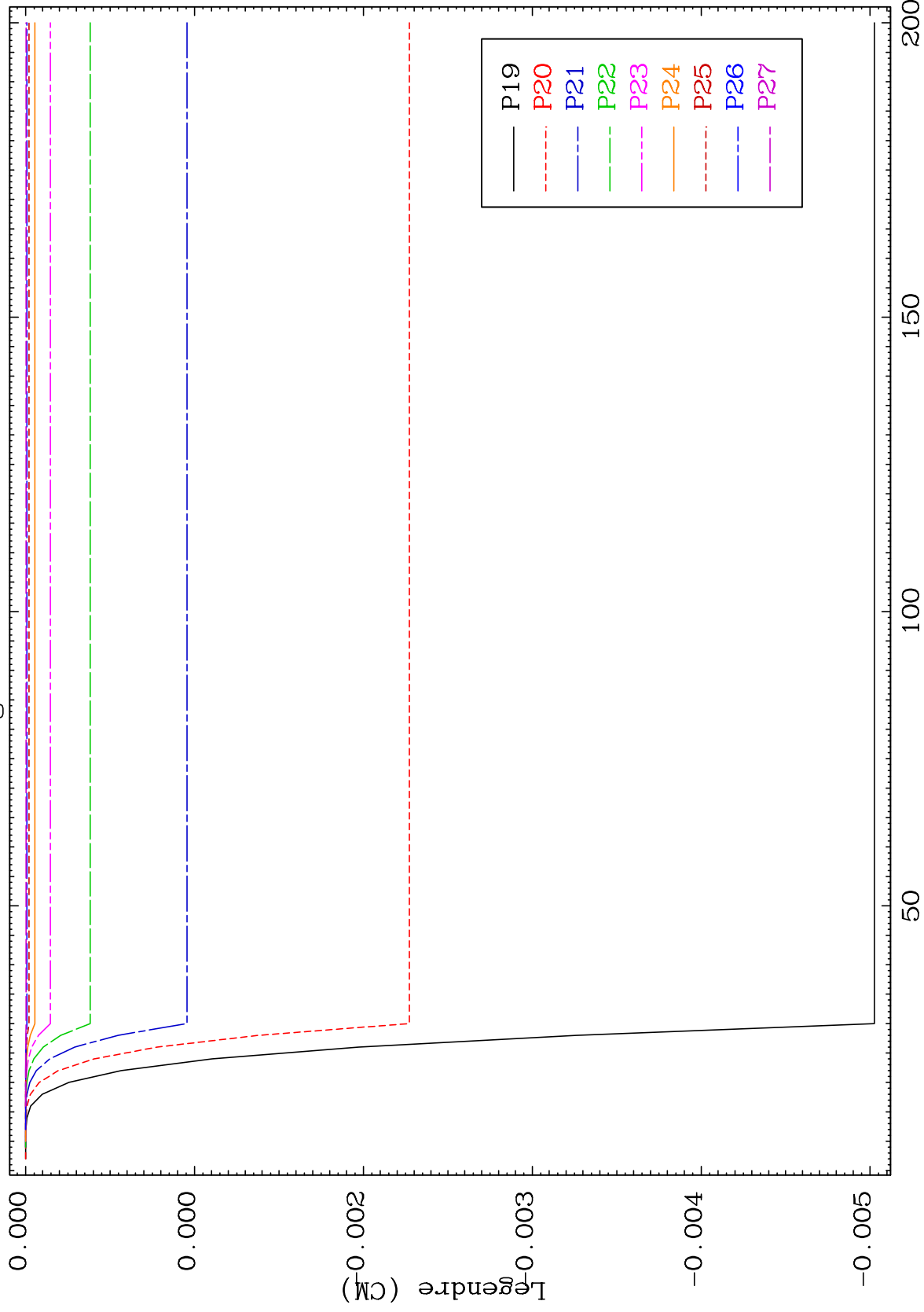
Incident Energy (MeV)

70

MAT 4104

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

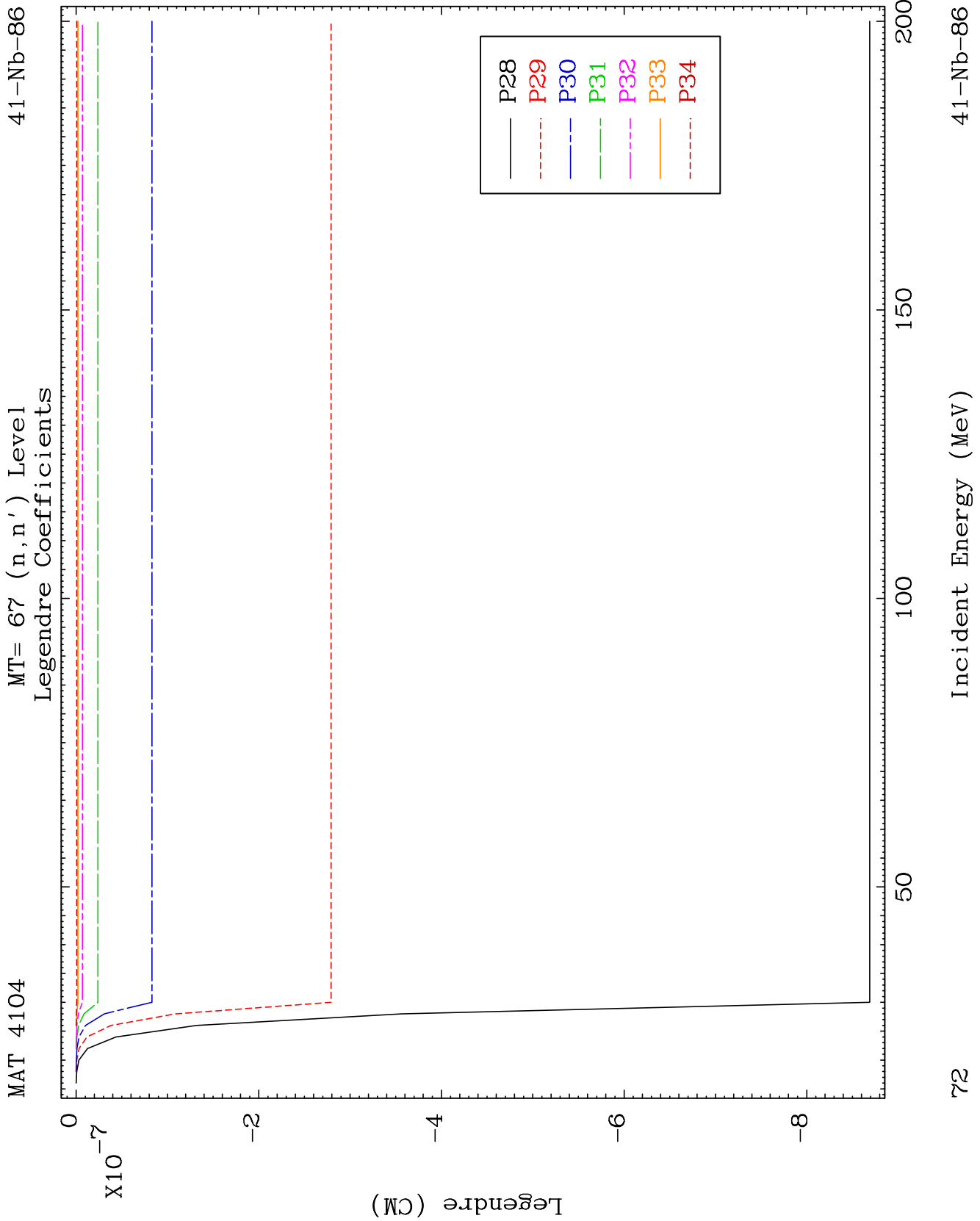
41-Nb-86



71

Incident Energy (MeV)

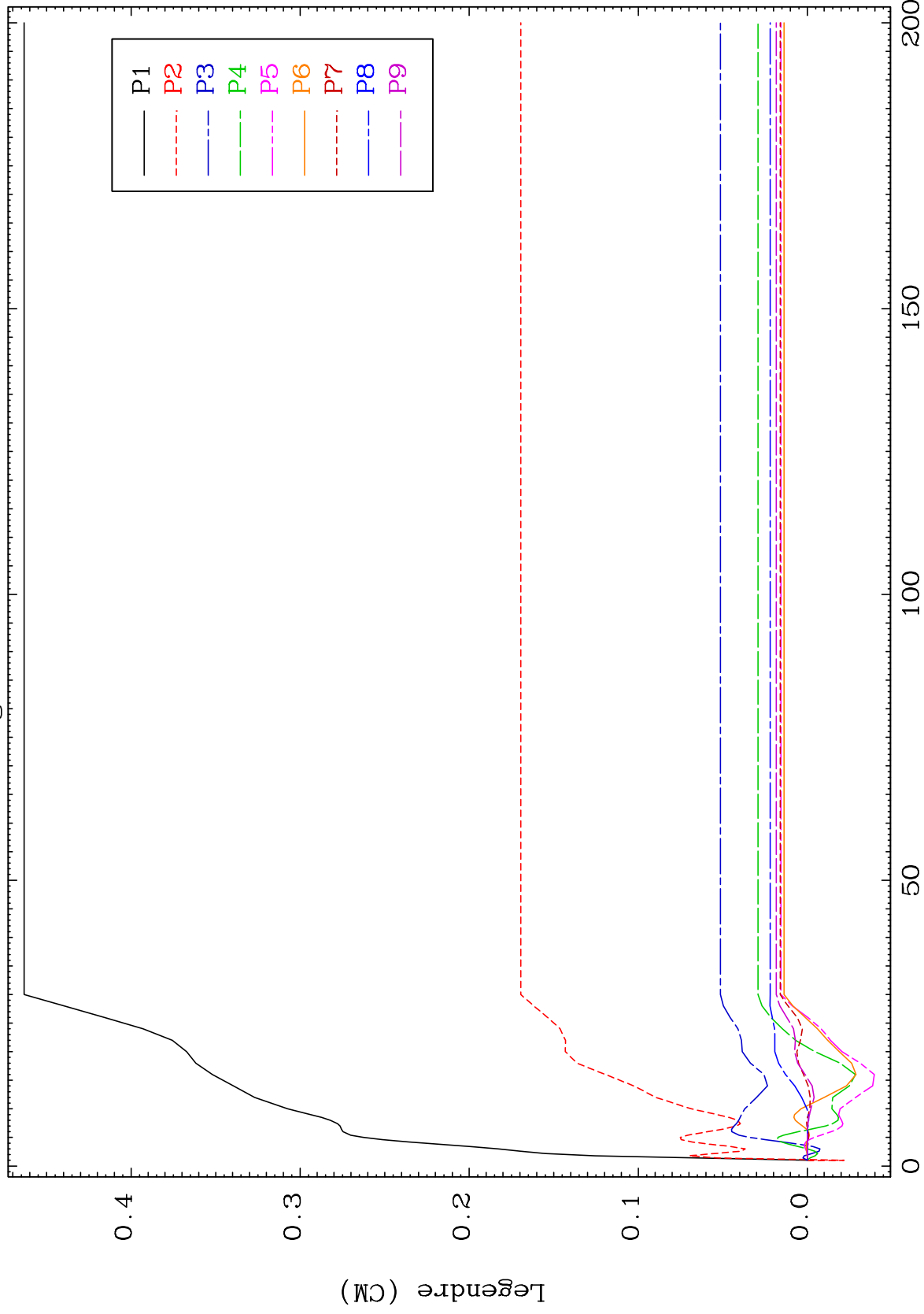
41-Nb-86



MAT 4104

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

41-Nb-86



73

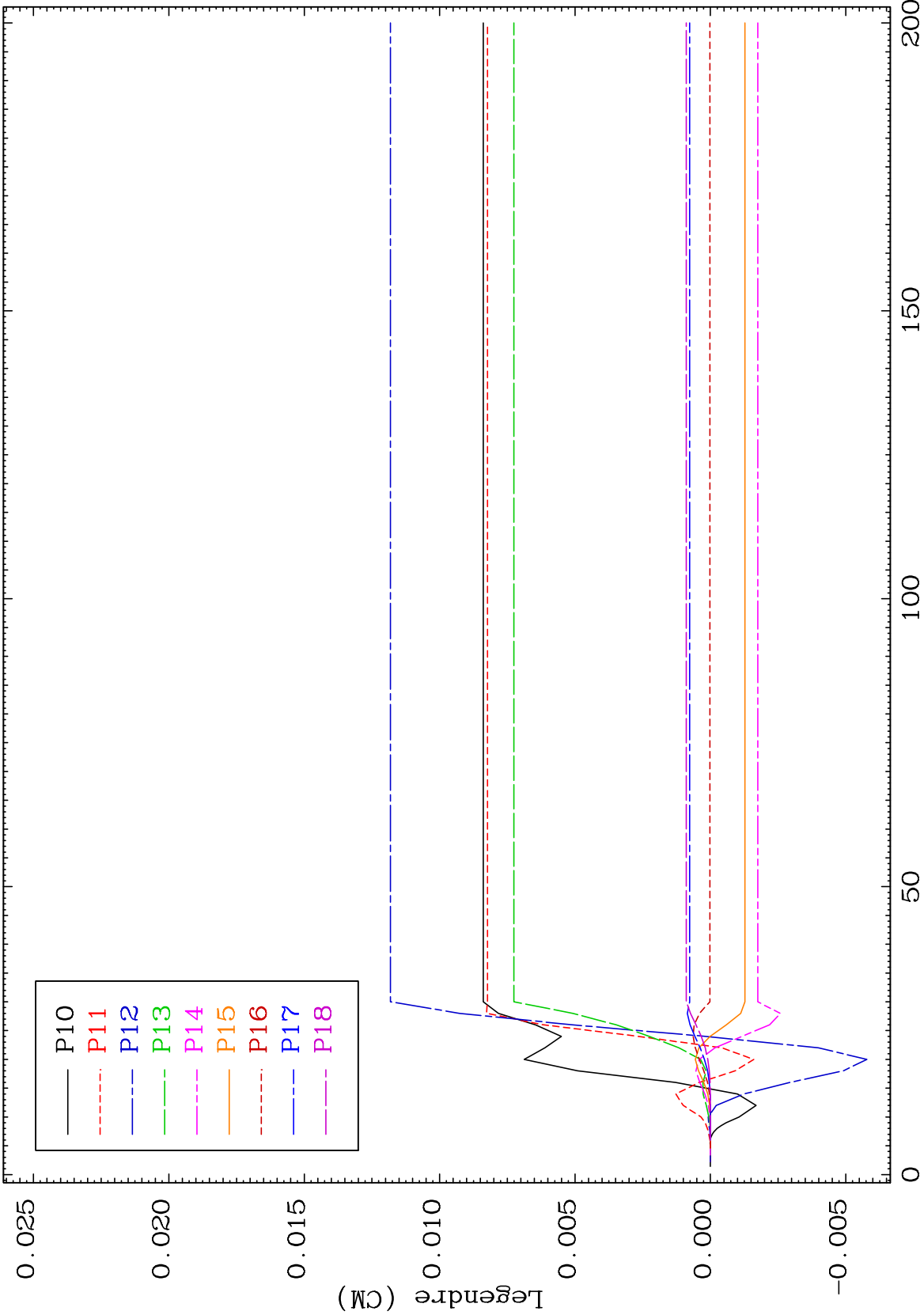
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

41-Nb-86



74

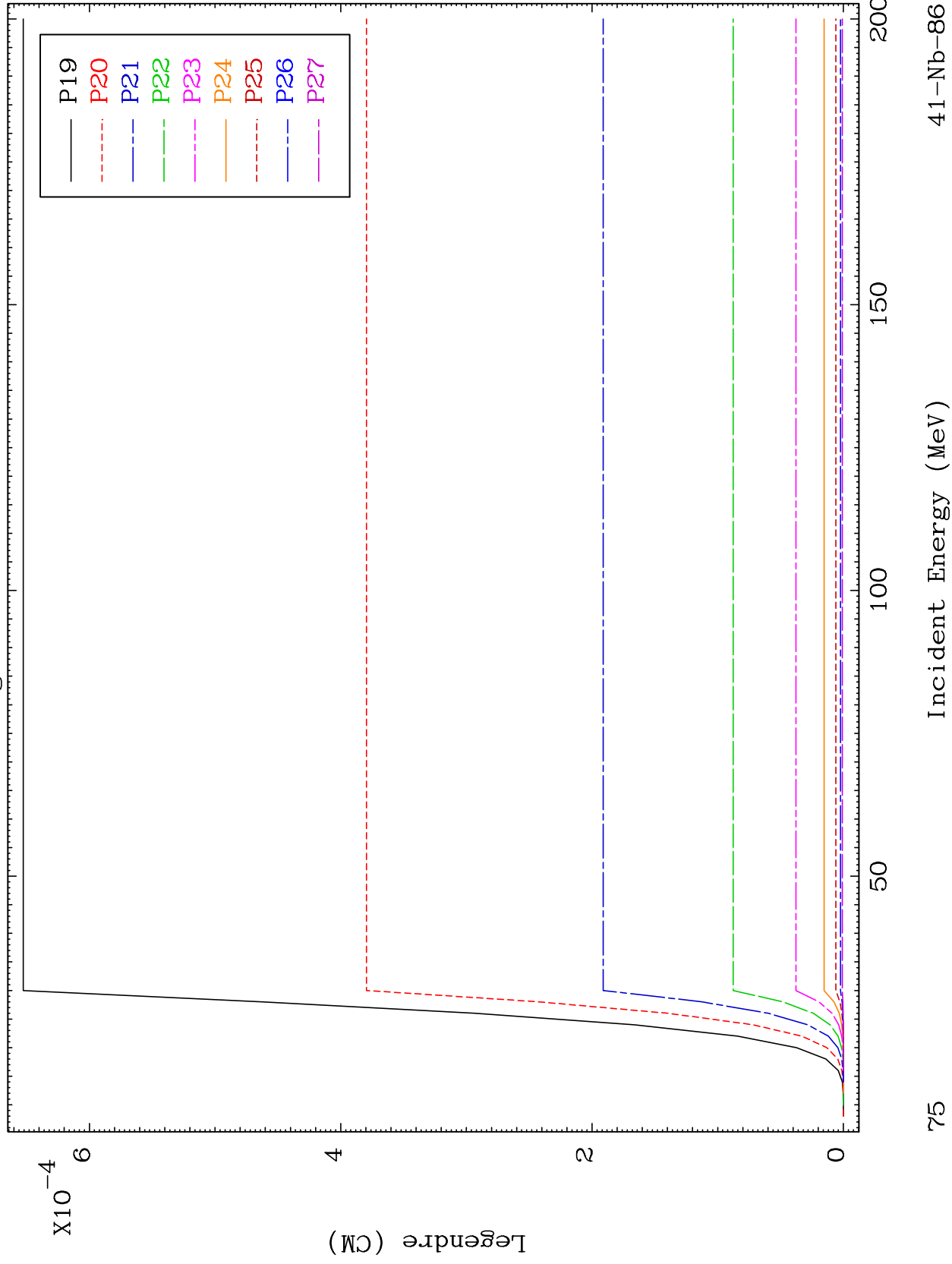
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

41-Nb-86



75

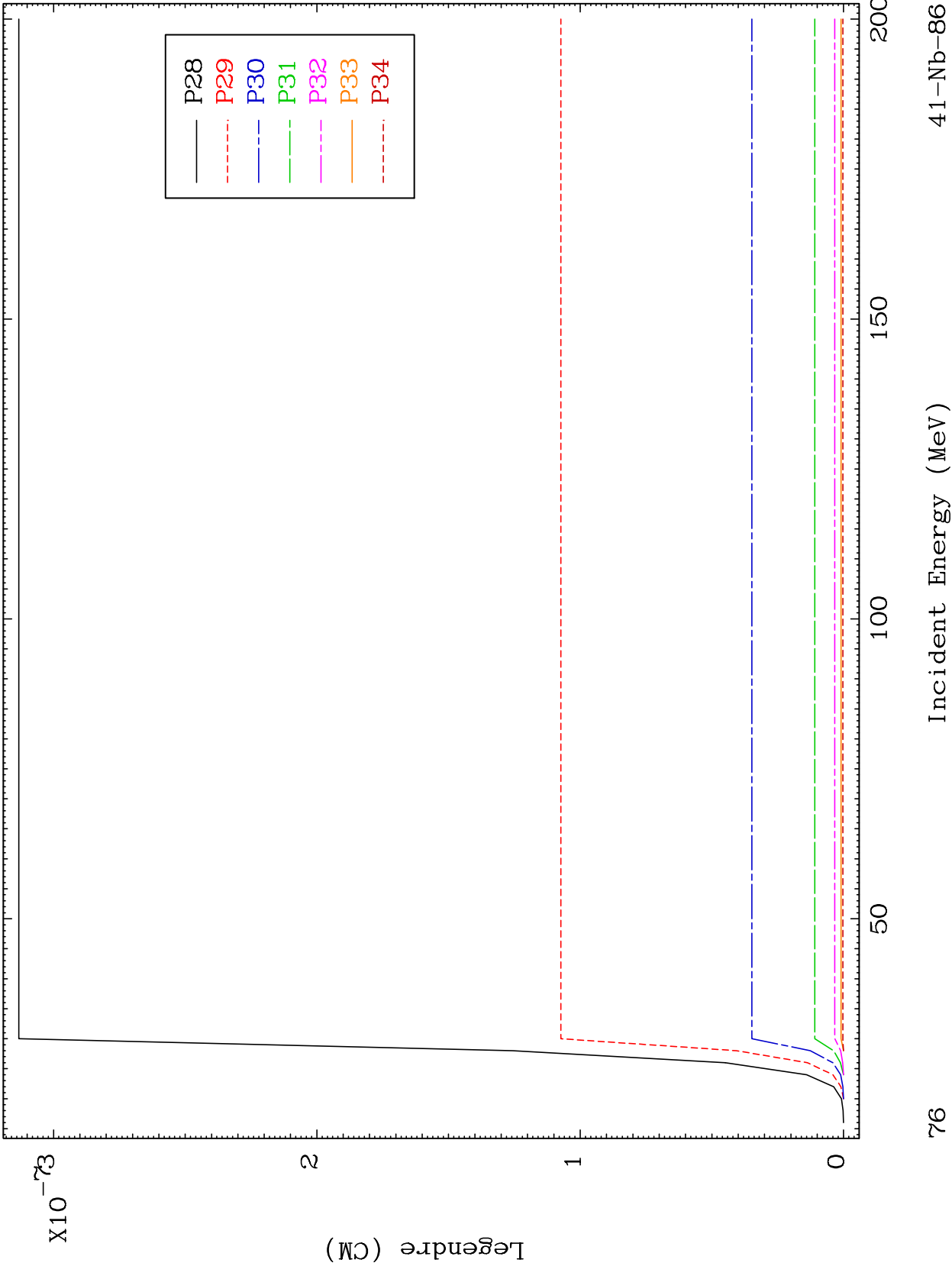
Incident Energy (MeV)

41-Nb-86

MAT 4104

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

41-Nb-86



76

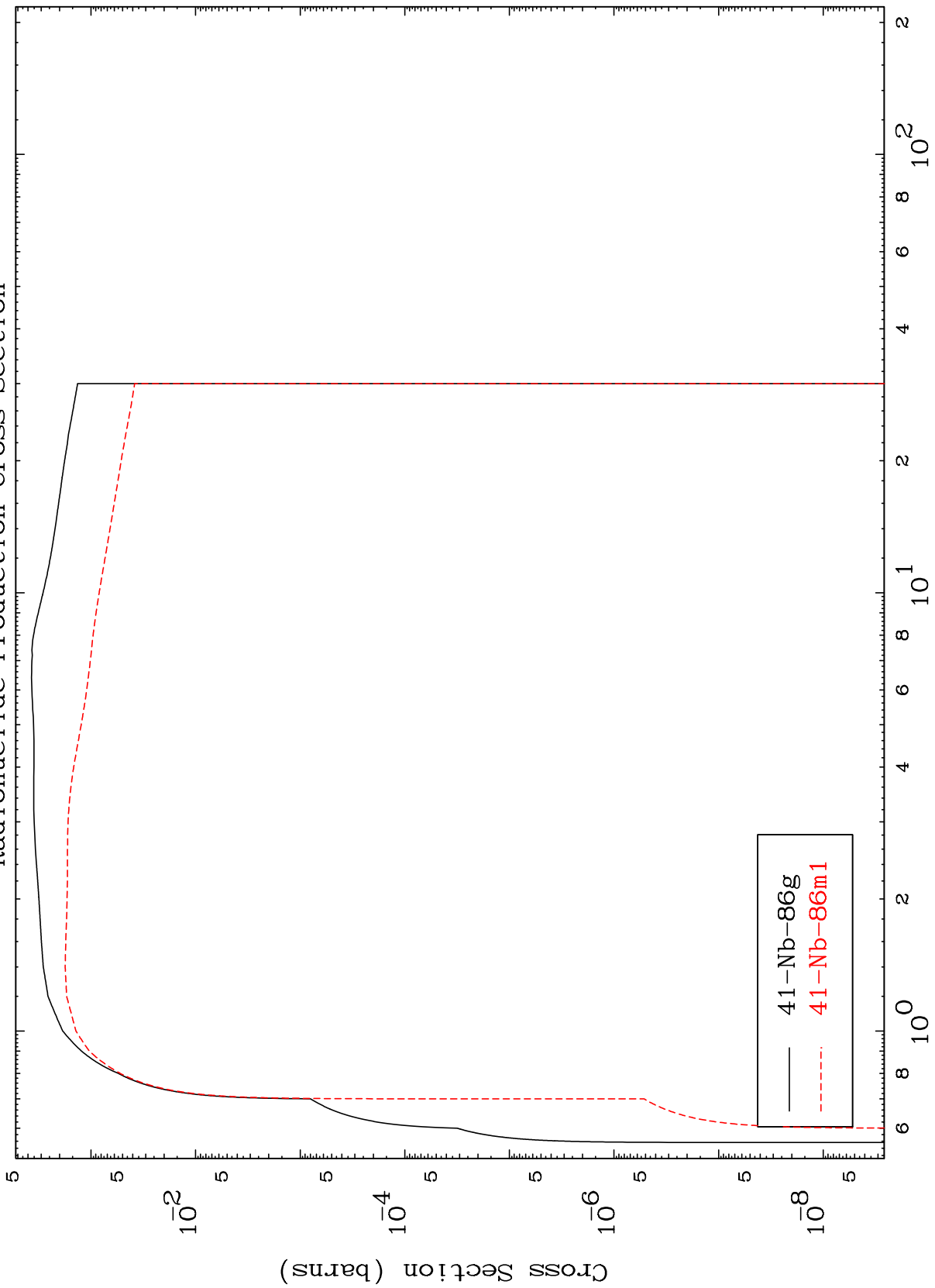
Incident Energy (MeV)

41-Nb-86

MAT 4104

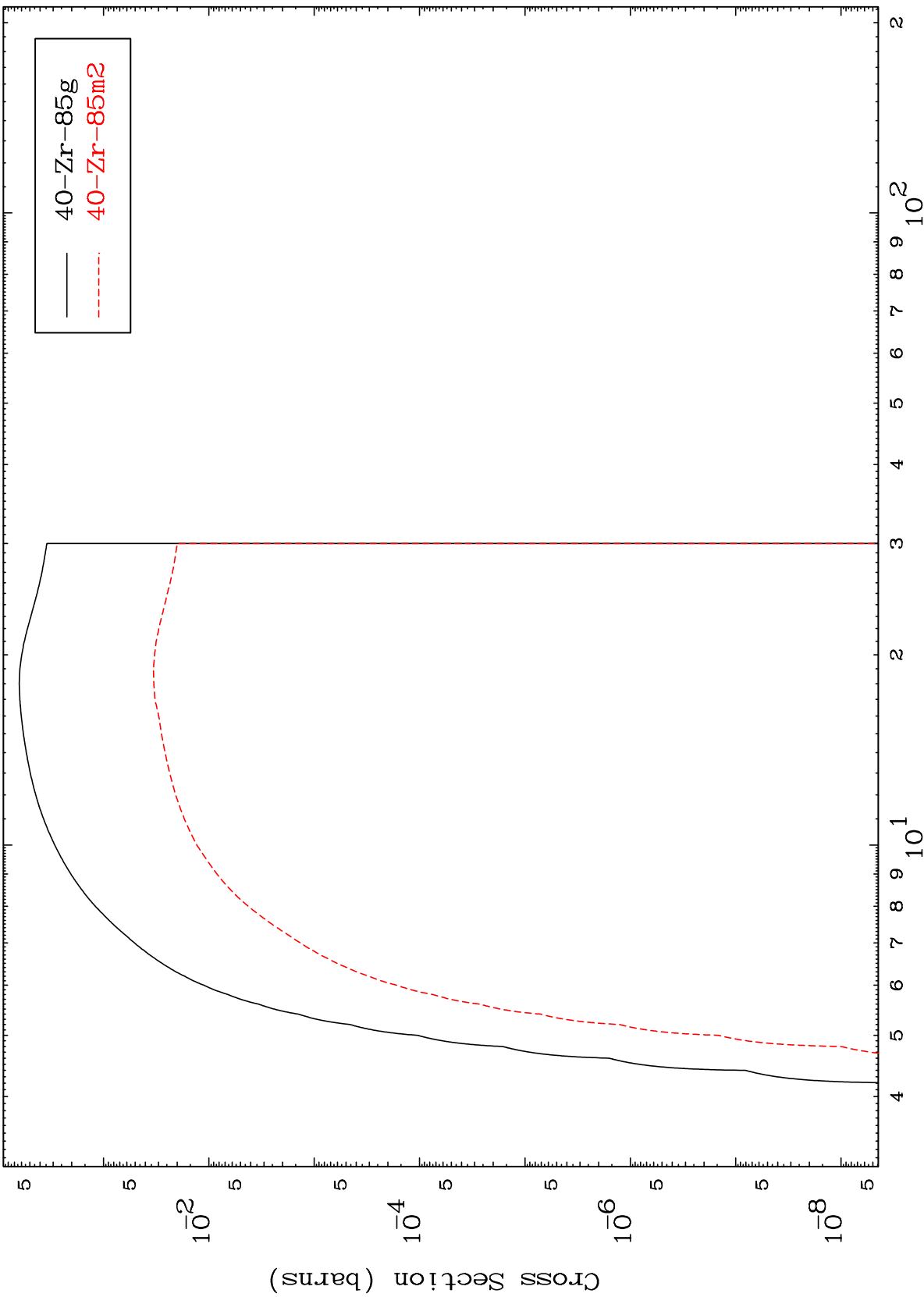
41-Nb-86

Inelastic
Radionuclide Production Cross Section



41-Nb-86g
41-Nb-86m1

Radionuclide Production Cross Section

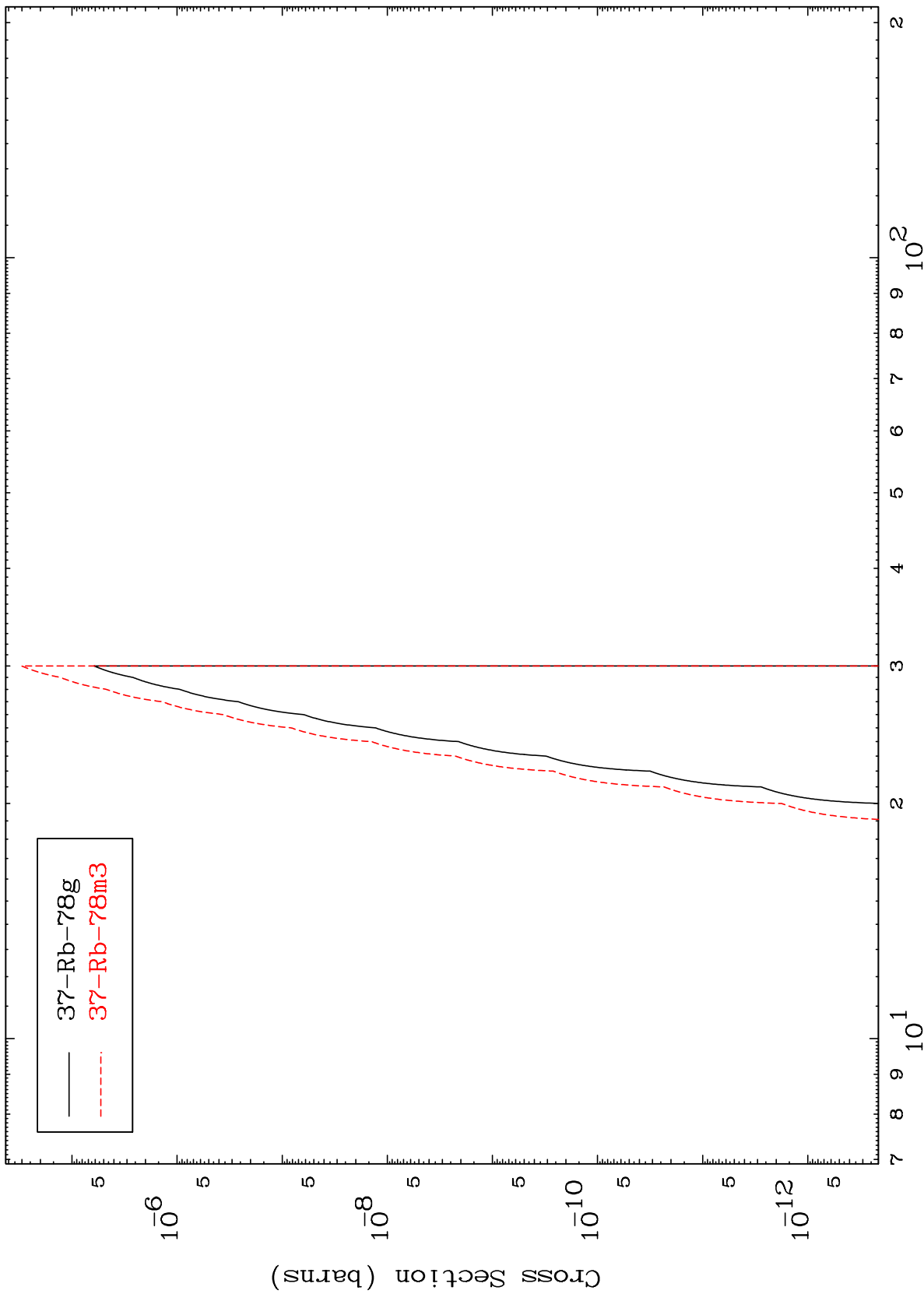


— 40-Zr-85g
- - - 40-Zr-85m2

MAT 4104

41-Nb-86

(n,n') 2α
Radionuclide Production Cross Section



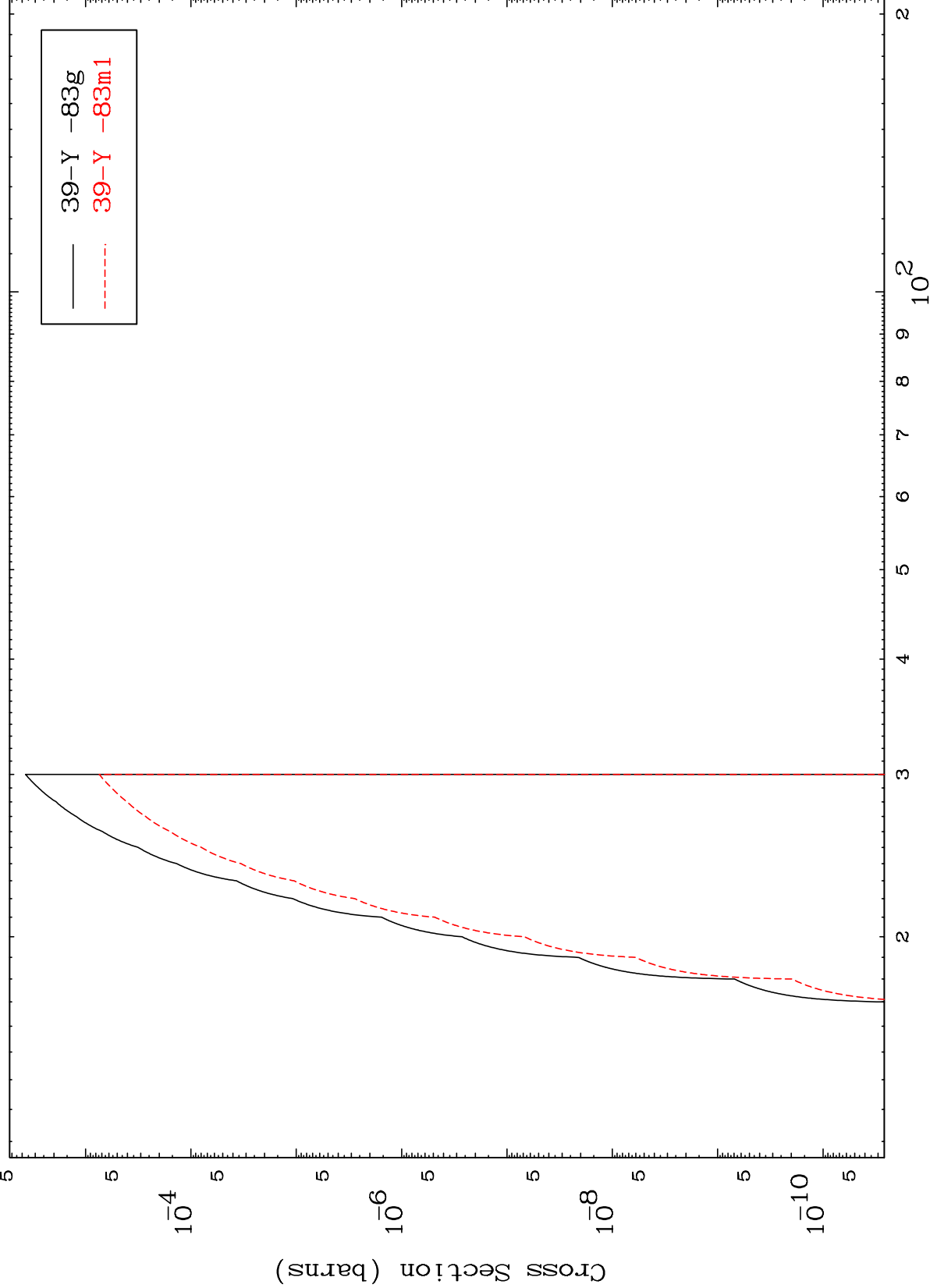
— 37-Rb-78g
- - - 37-Rb-78m3

79

Incident Energy (MeV)

41-Nb-86

Radionuclide Production Cross Section

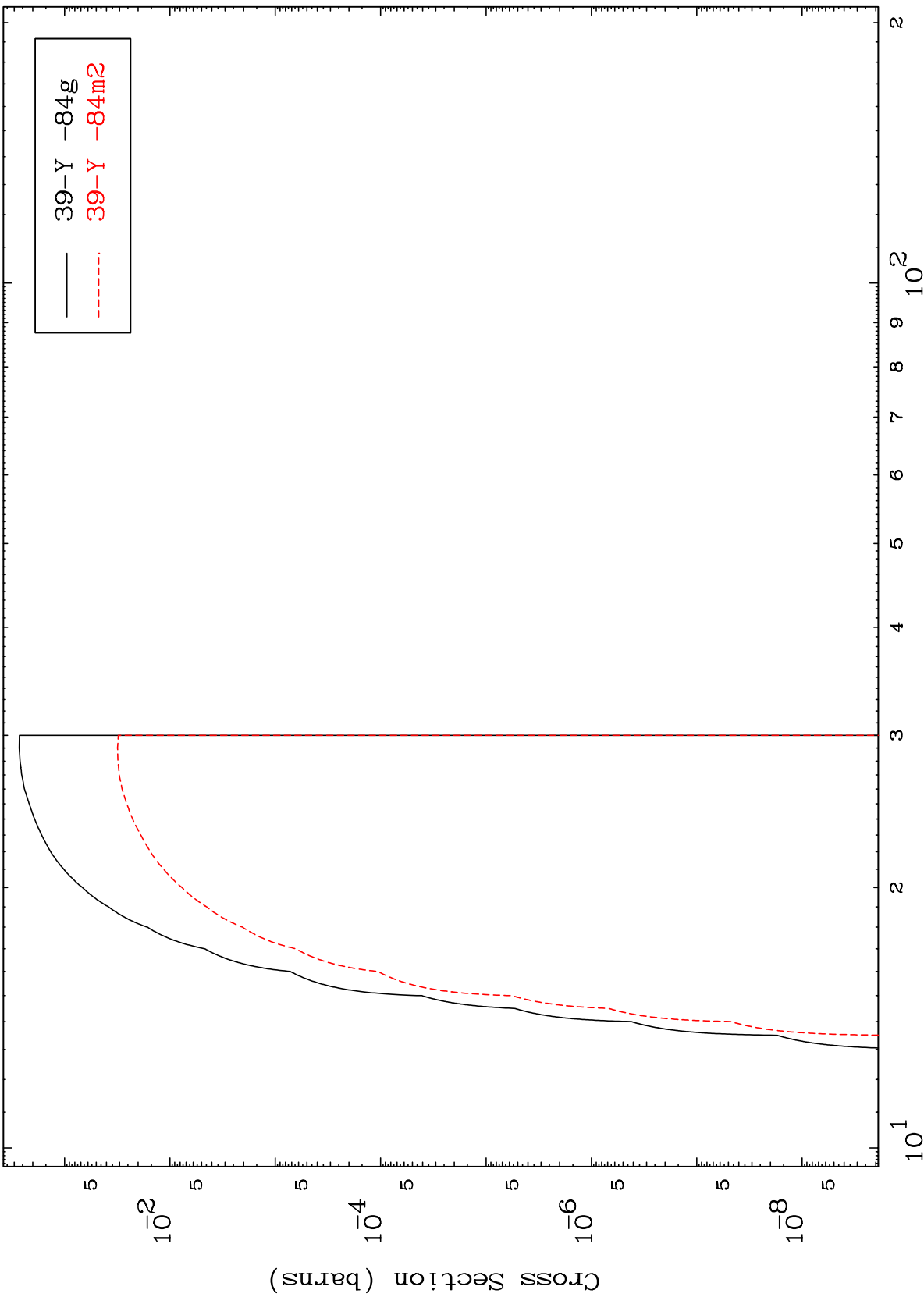


MAT 4104

(n,2n) p

41-Nb-86

Radionuclide Production Cross Section



81

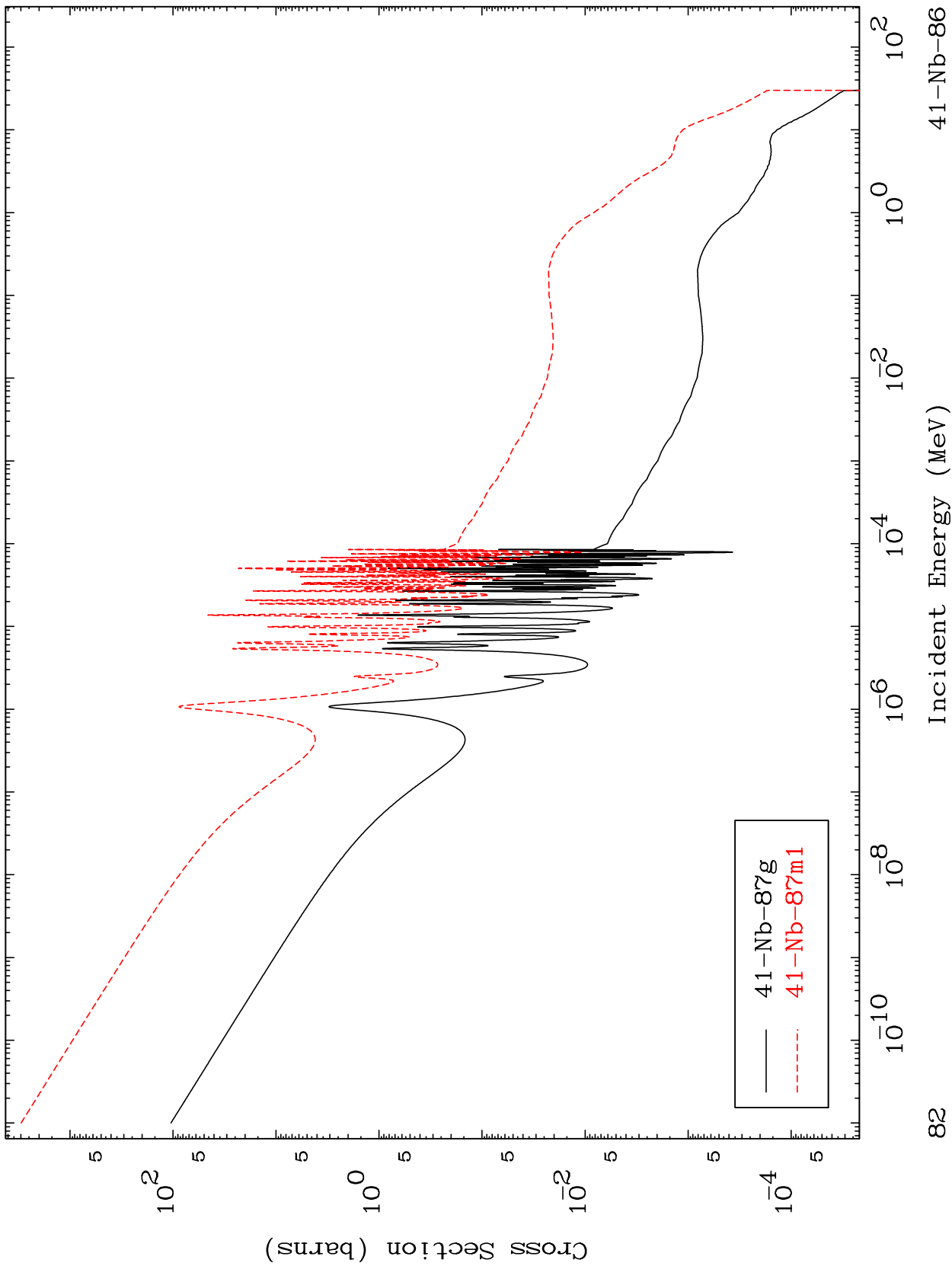
Incident Energy (MeV)

41-Nb-86

MAT 4104

41-Nb-86

(n, γ)
Radionuclide Production Cross Section

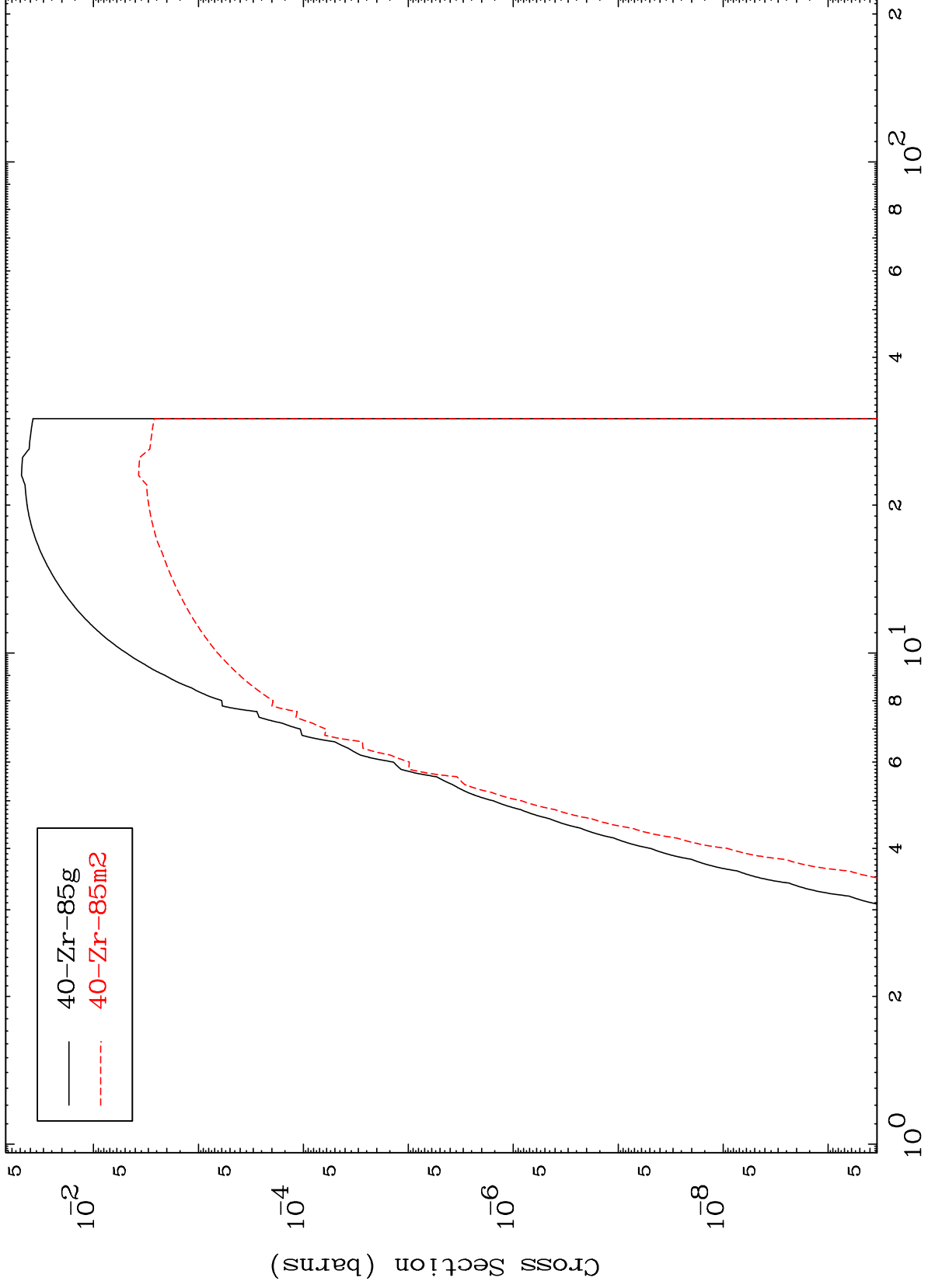


MAT 4104

(n,d)

41-Nb-86

Radionuclide Production Cross Section



— 40-Zr-85g
- - - 40-Zr-85m2

Incident Energy (MeV)

41-Nb-86

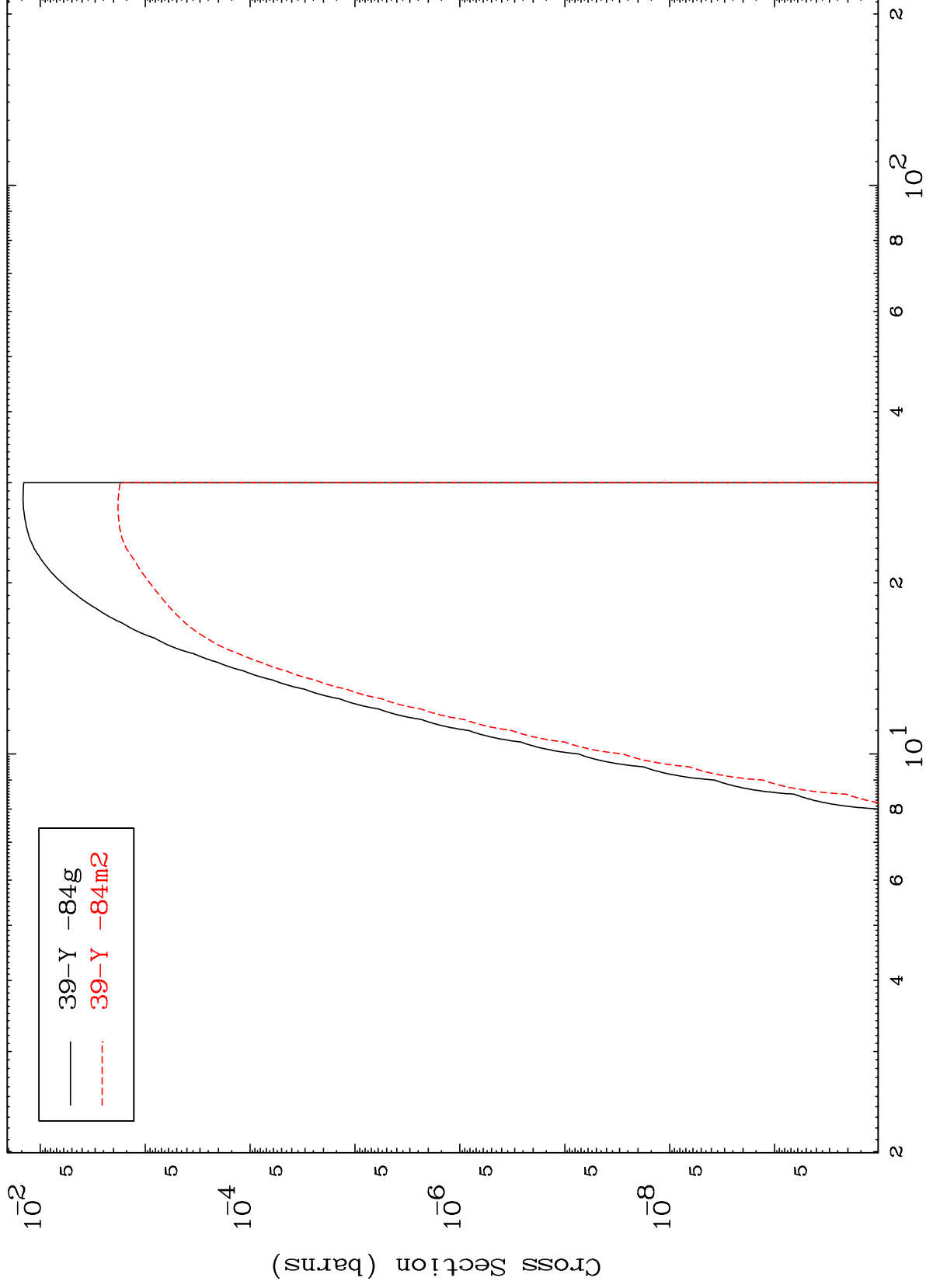
83

MAT 4104

(n,He-3)

41-Nb-86

Radionuclide Production Cross Section



— 39-Y -84g
- - - 39-Y -84m2

84

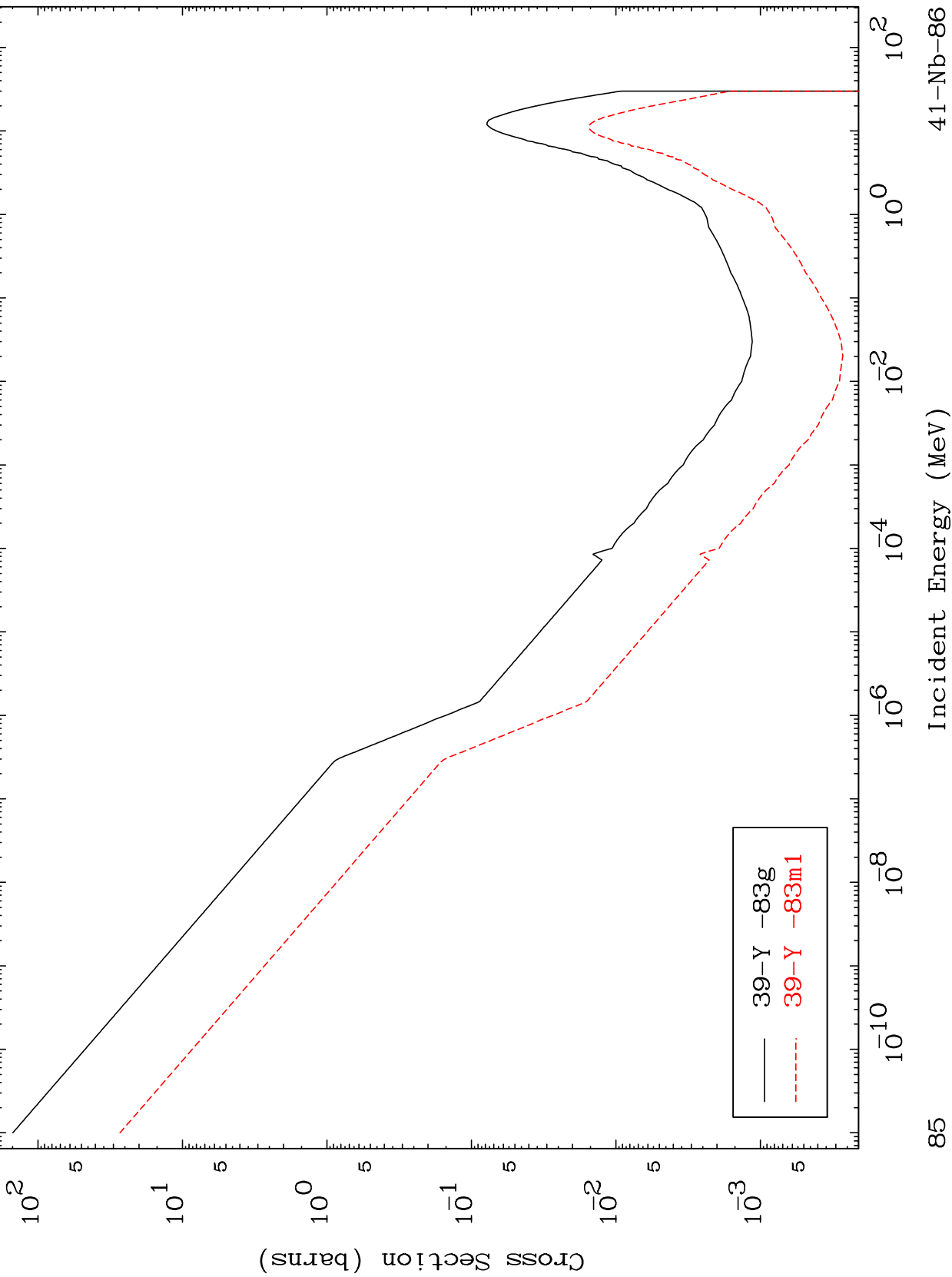
Incident Energy (MeV)

41-Nb-86

MAT 4104

41-Nb-86

(n, α)
Radionuclide Production Cross Section



85

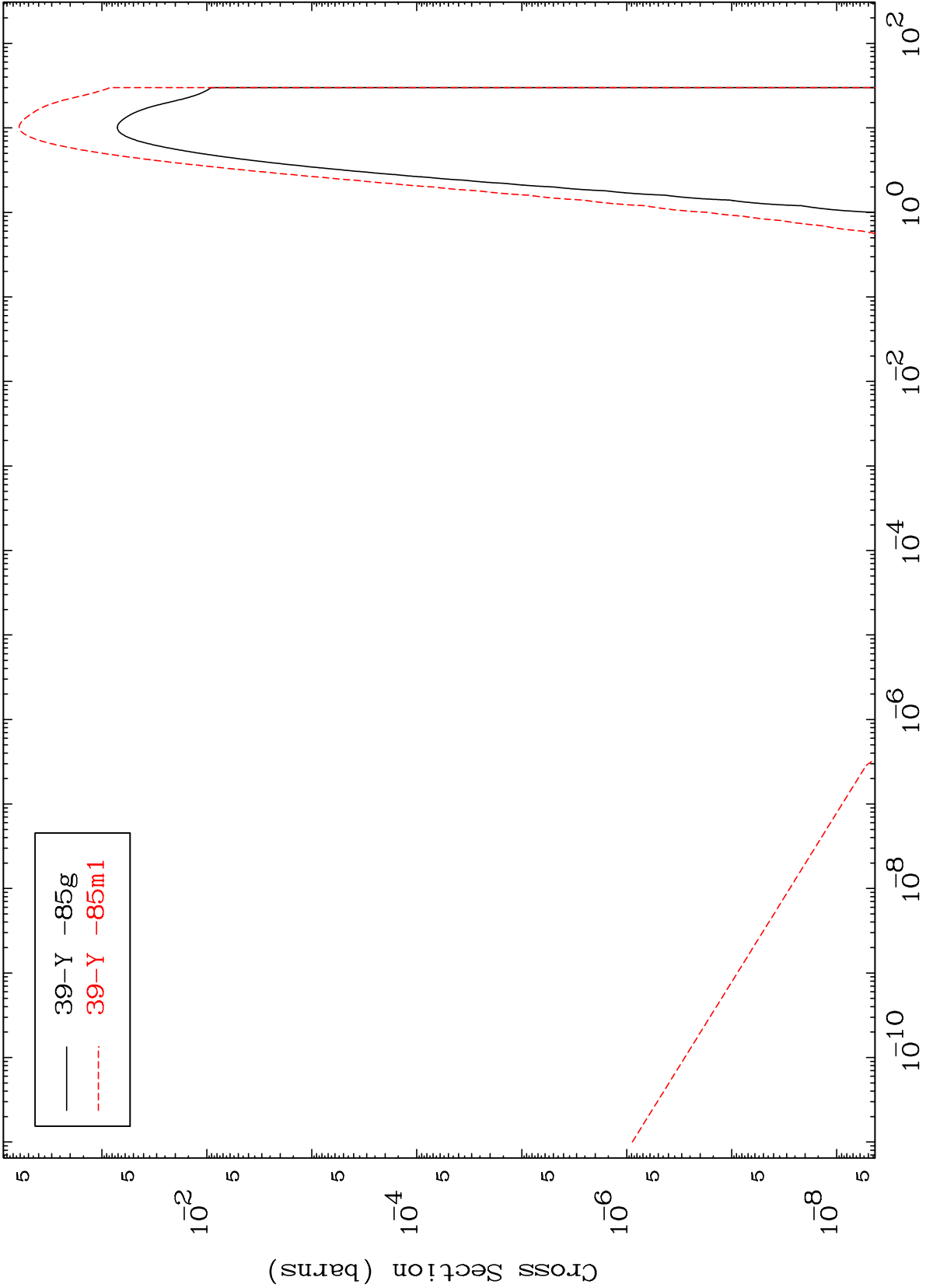
41-Nb-86

MAT 4104

(n,2p)

41-Nb-86

Radionuclide Production Cross Section



86

Incident Energy (MeV)

41-Nb-86

Radionuclide Production Cross Section

