

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

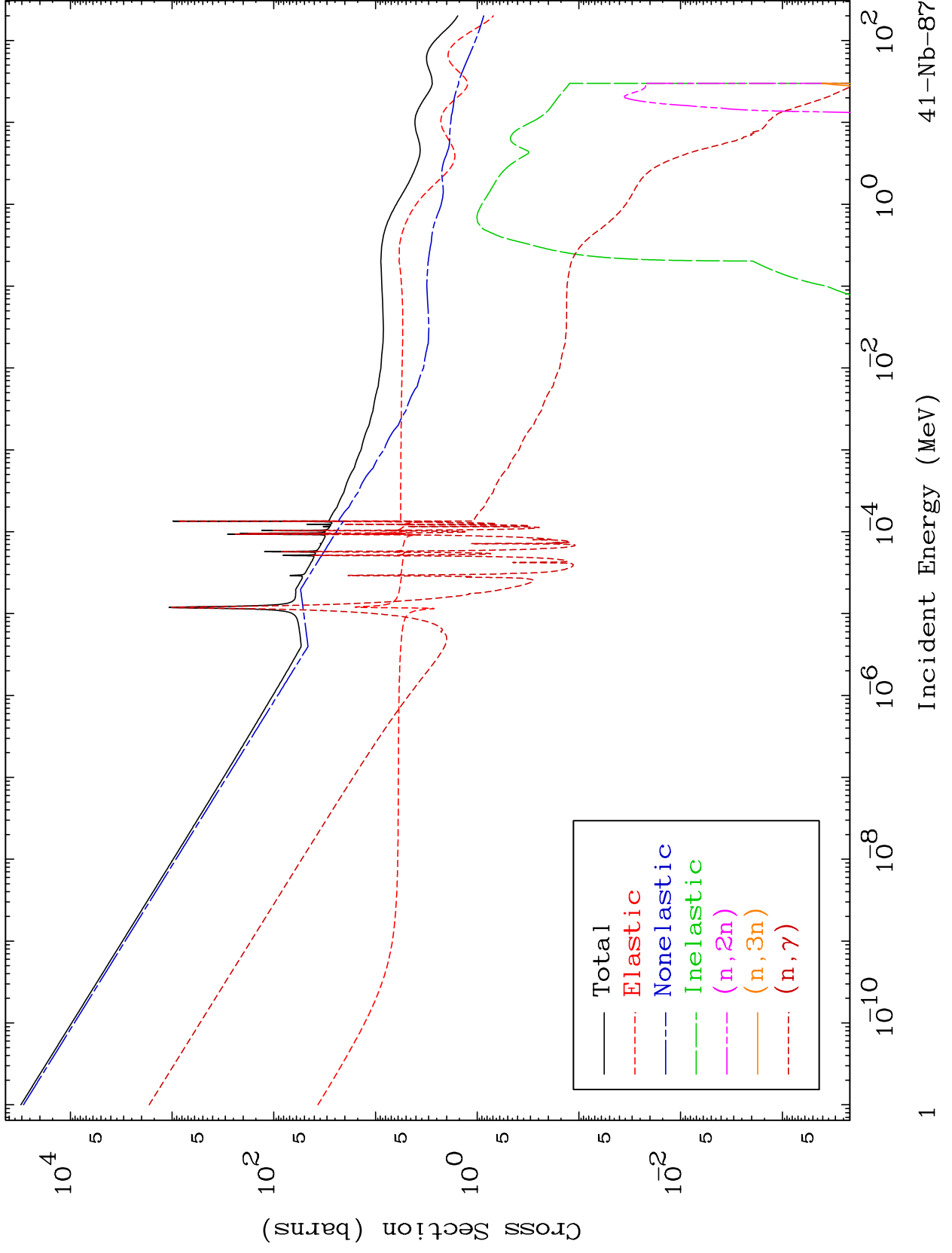
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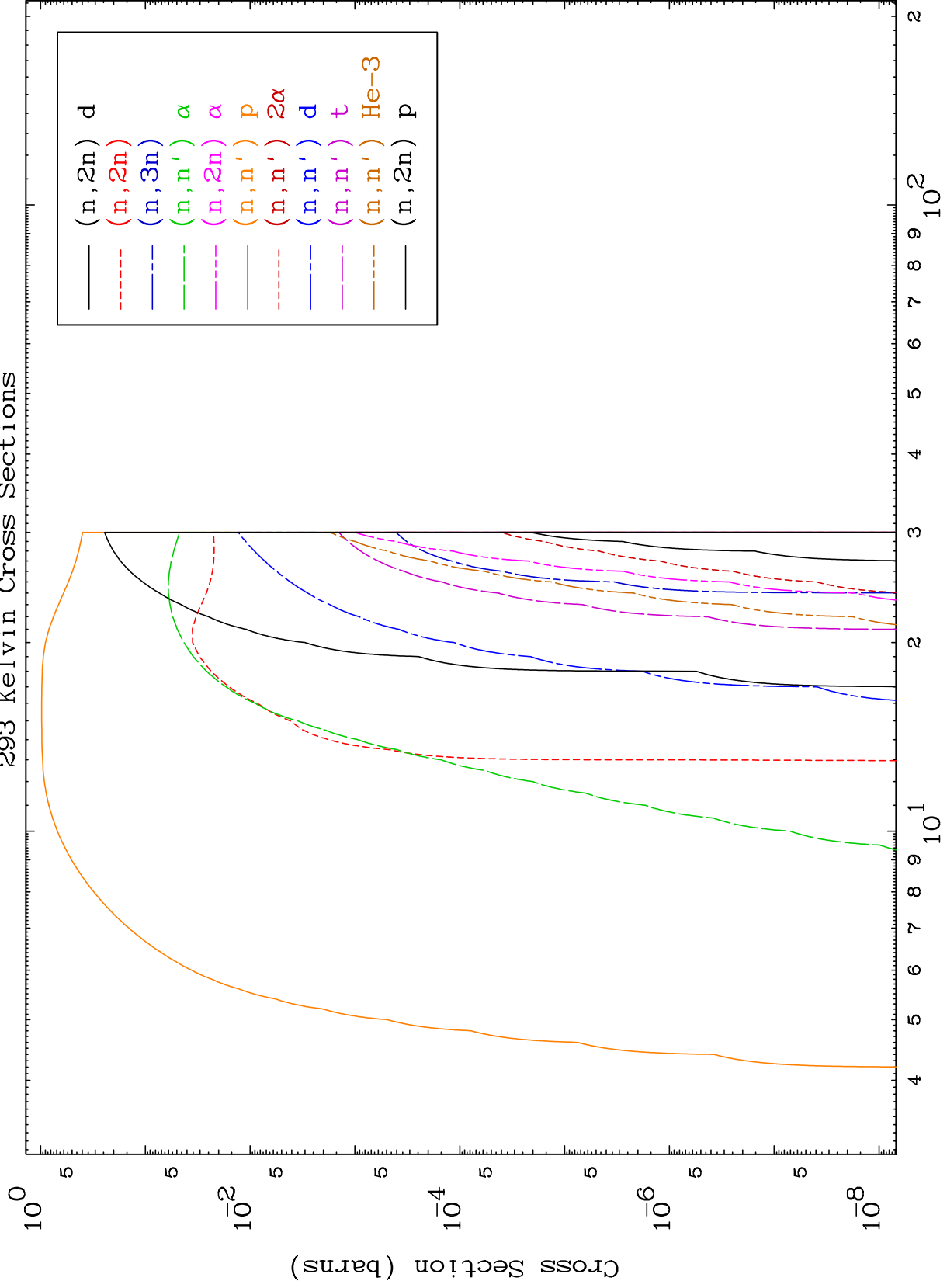
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MAT 4107

Neutron Major
293 Kelvin Cross Sections

41-Nb-87

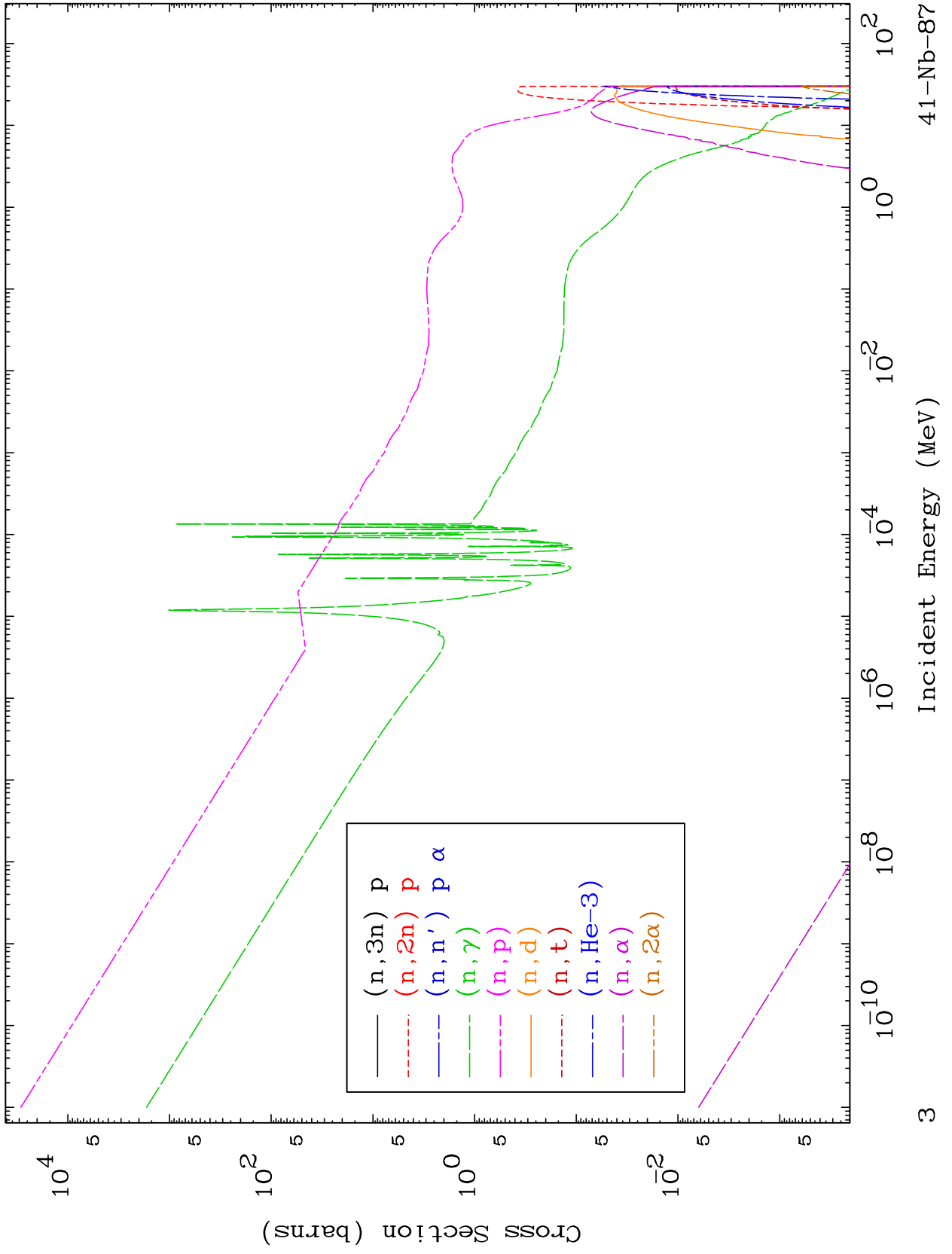




MAT 4107

Neutron Absorption
293 Kelvin Cross Sections

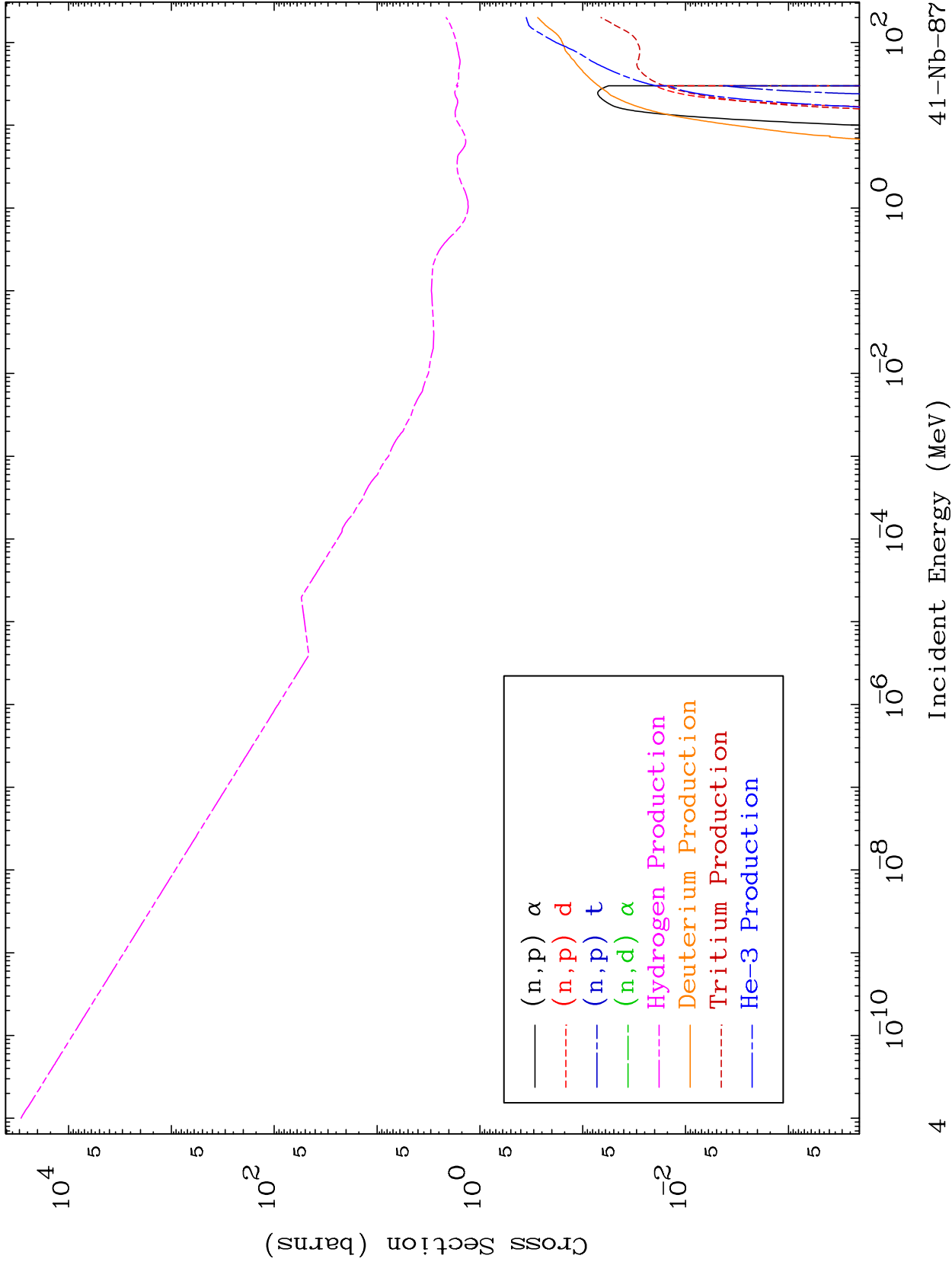
41-Nb-87



MAT 4107

Neutron Absorption
293 Kelvin Cross Sections

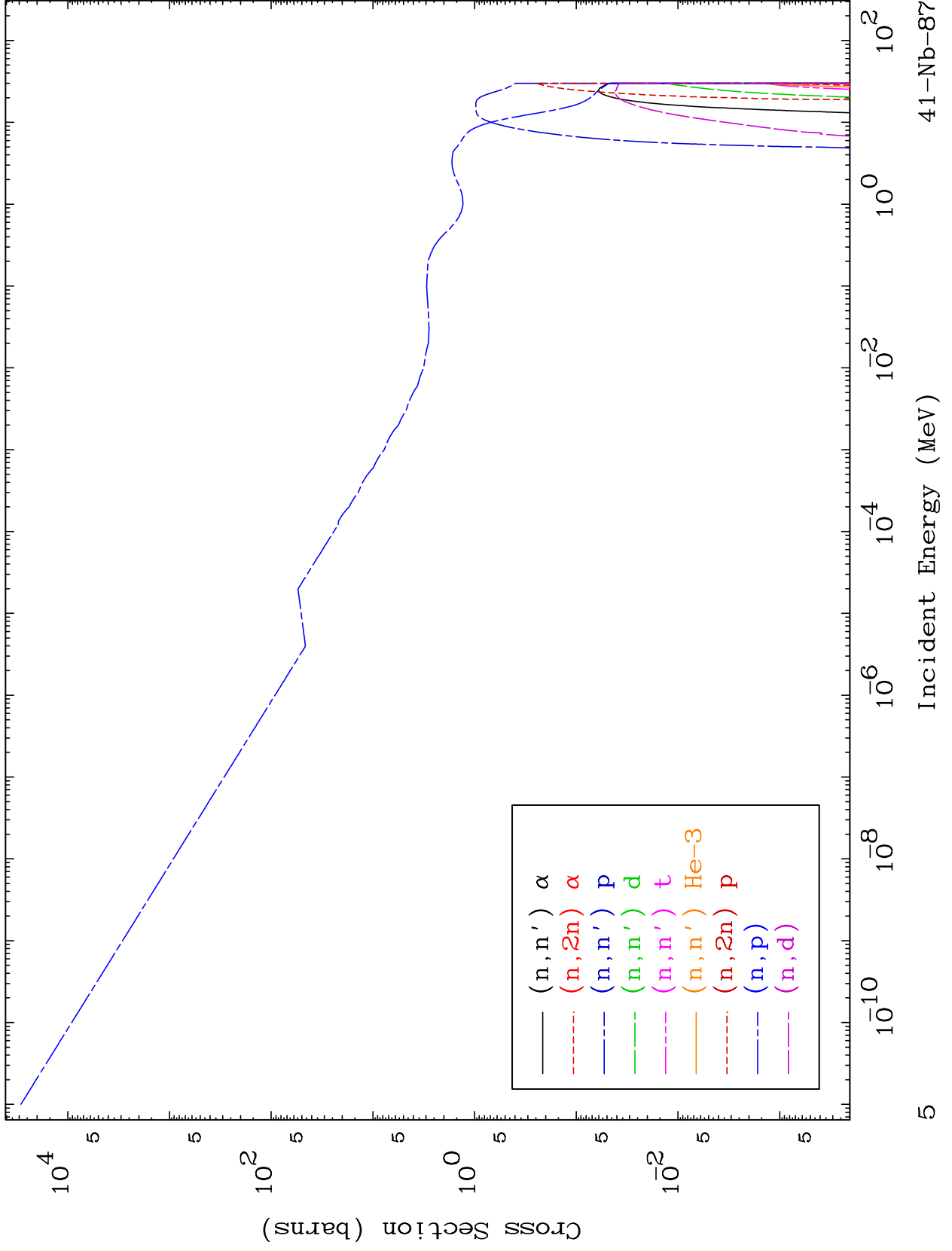
41-Nb-87



MAT 4107

Charged Particle
293 Kelvin Cross Sections

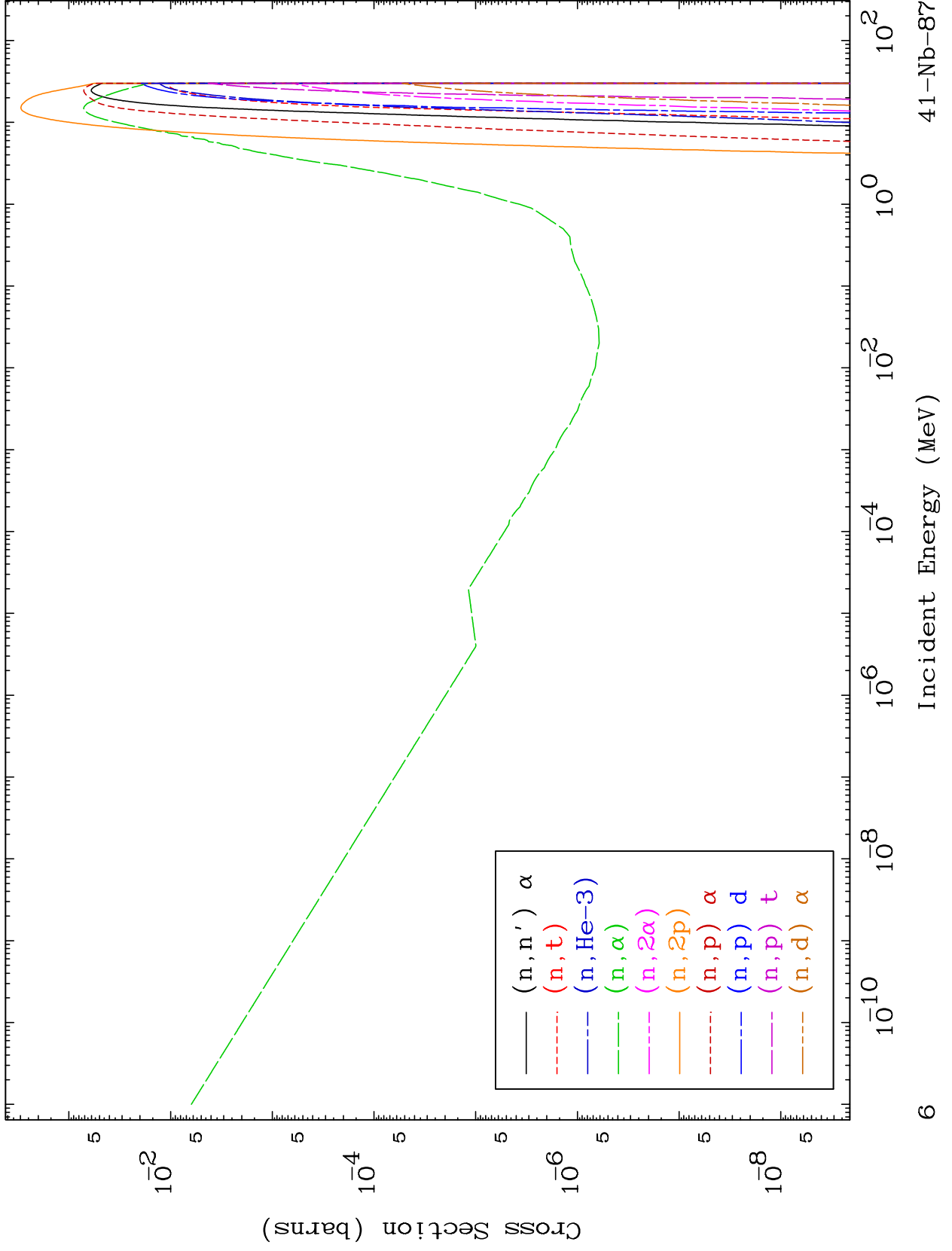
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MAT 4107

Charged Particle
293 Kelvin Cross Sections

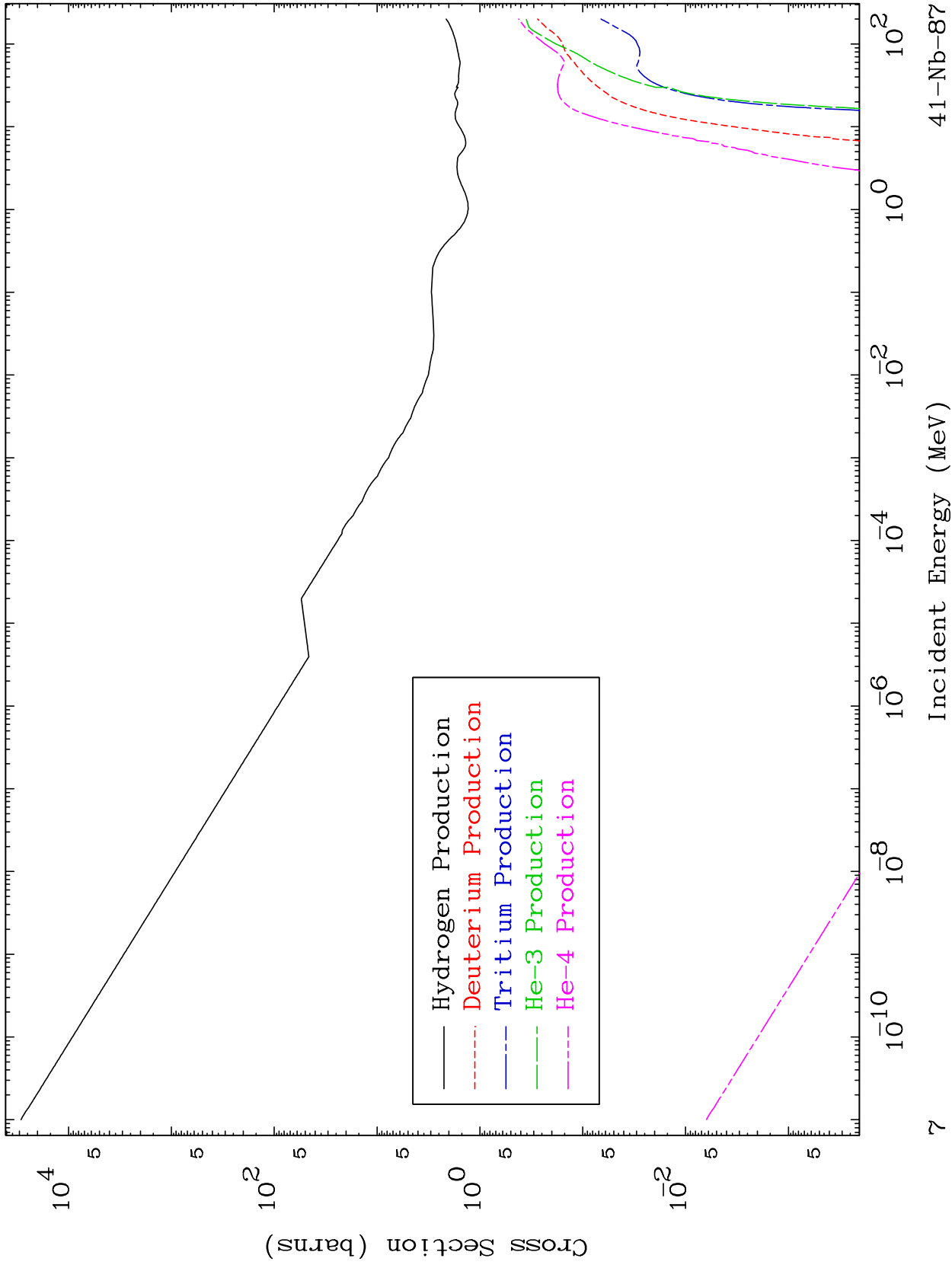
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MAT 4107

Particle Production
293 Kelvin Cross Sections

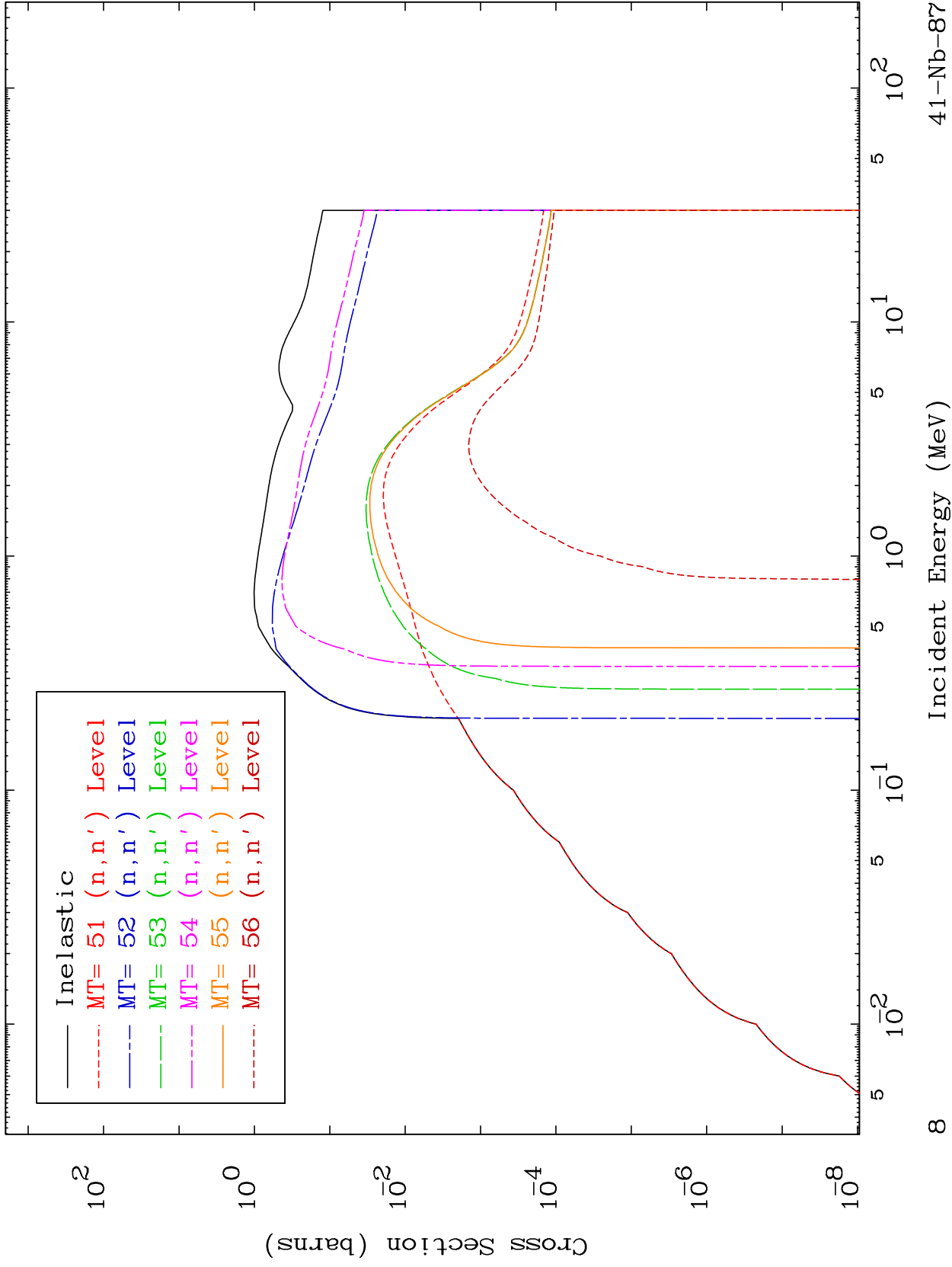
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MAT 4107

(n,n') Levels
293 Kelvin Cross Sections

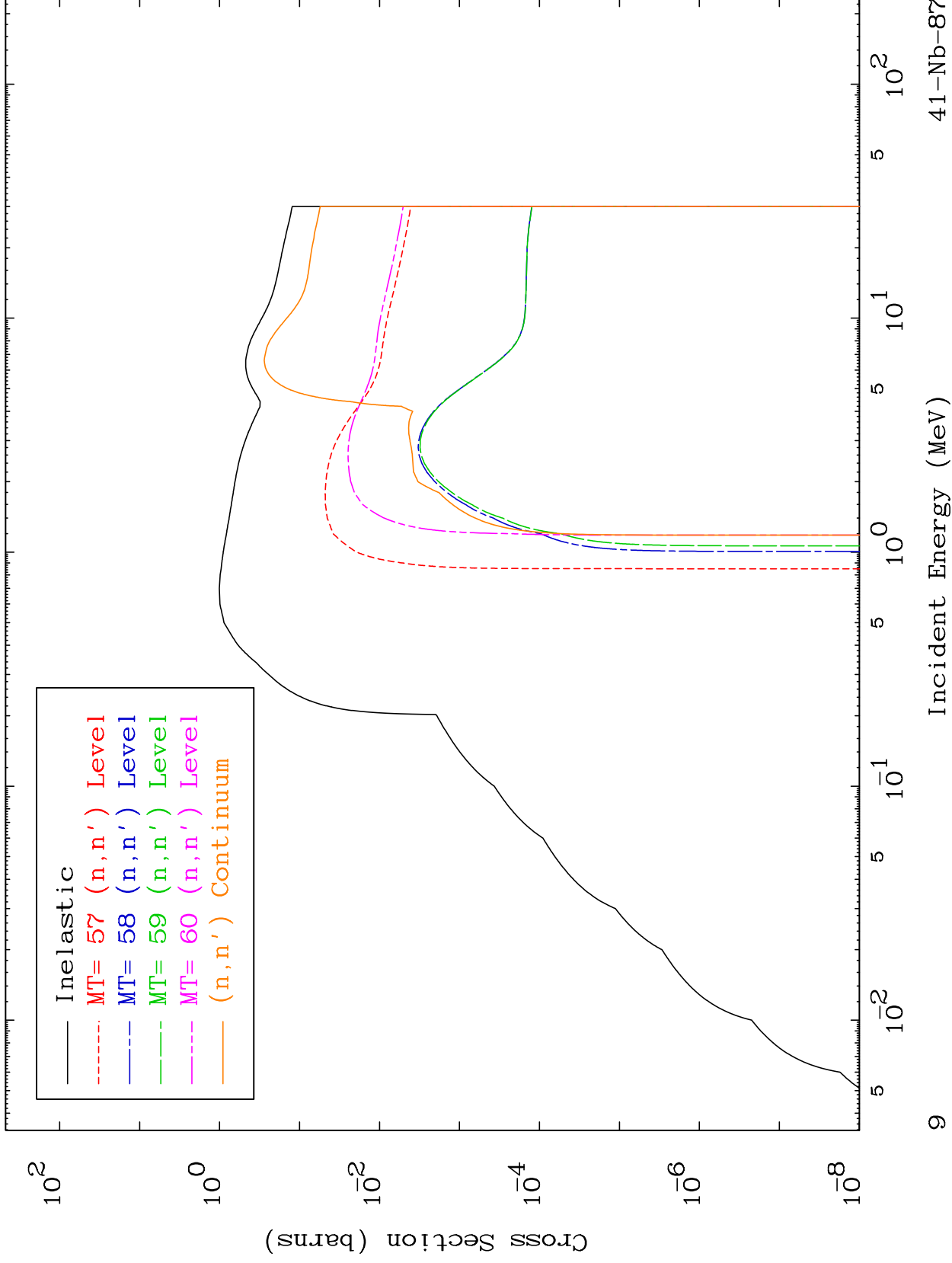
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MAT 4107

(n,n') Levels
293 Kelvin Cross Sections

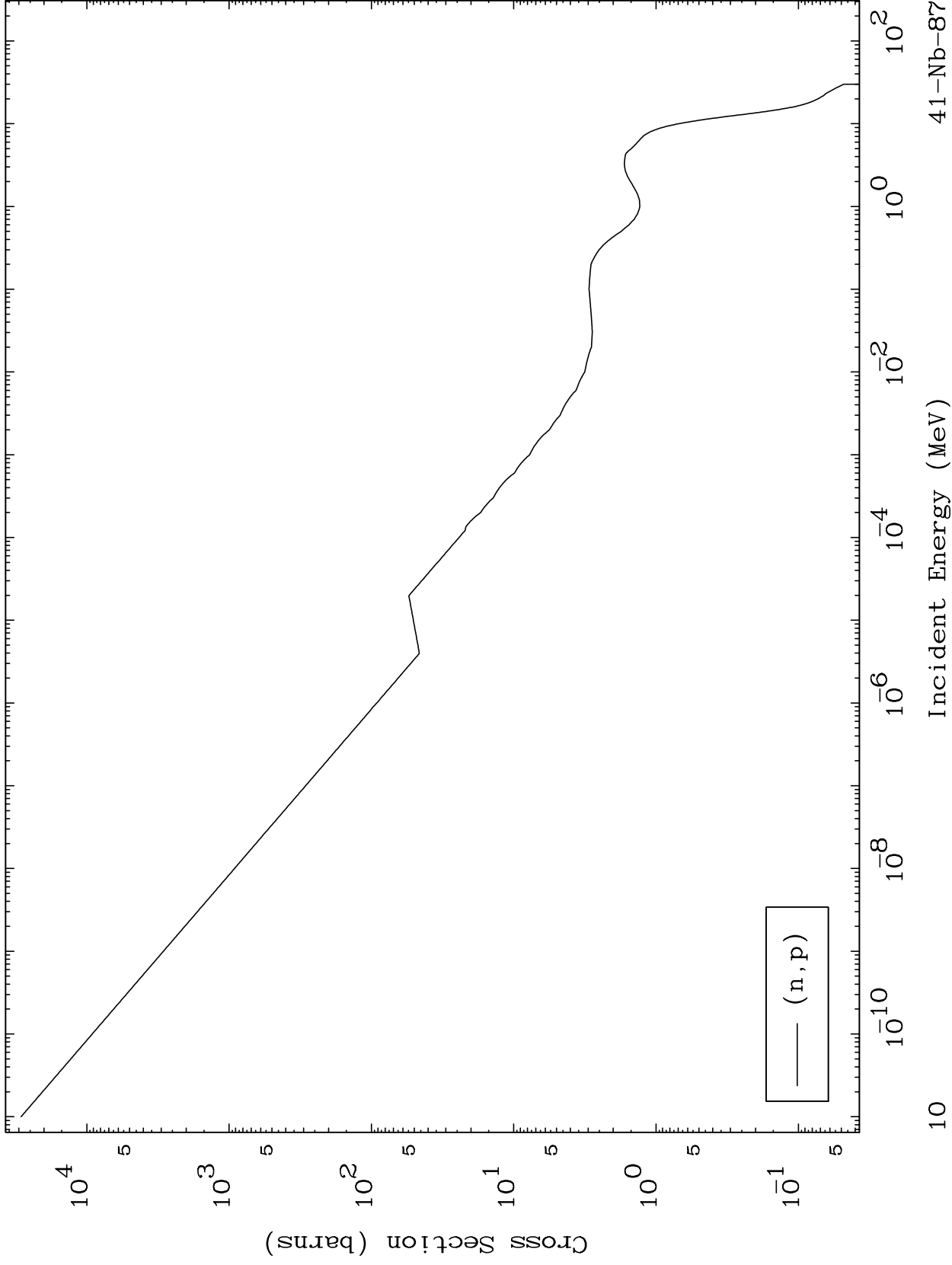
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MAT 4107

(n,p) Levels
293 Kelvin Cross Sections

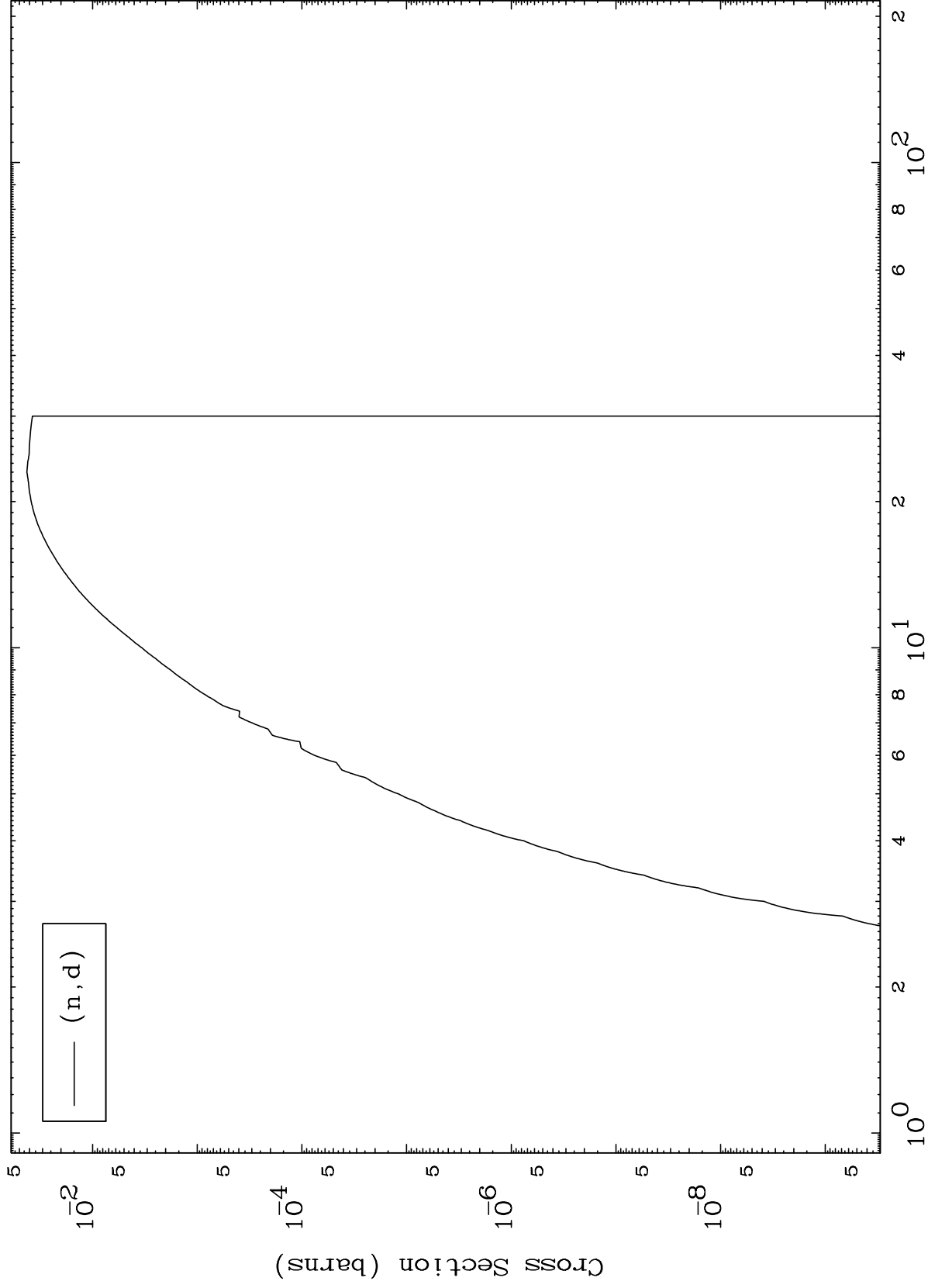
41-Nb-87



MAT 4107

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-87



11

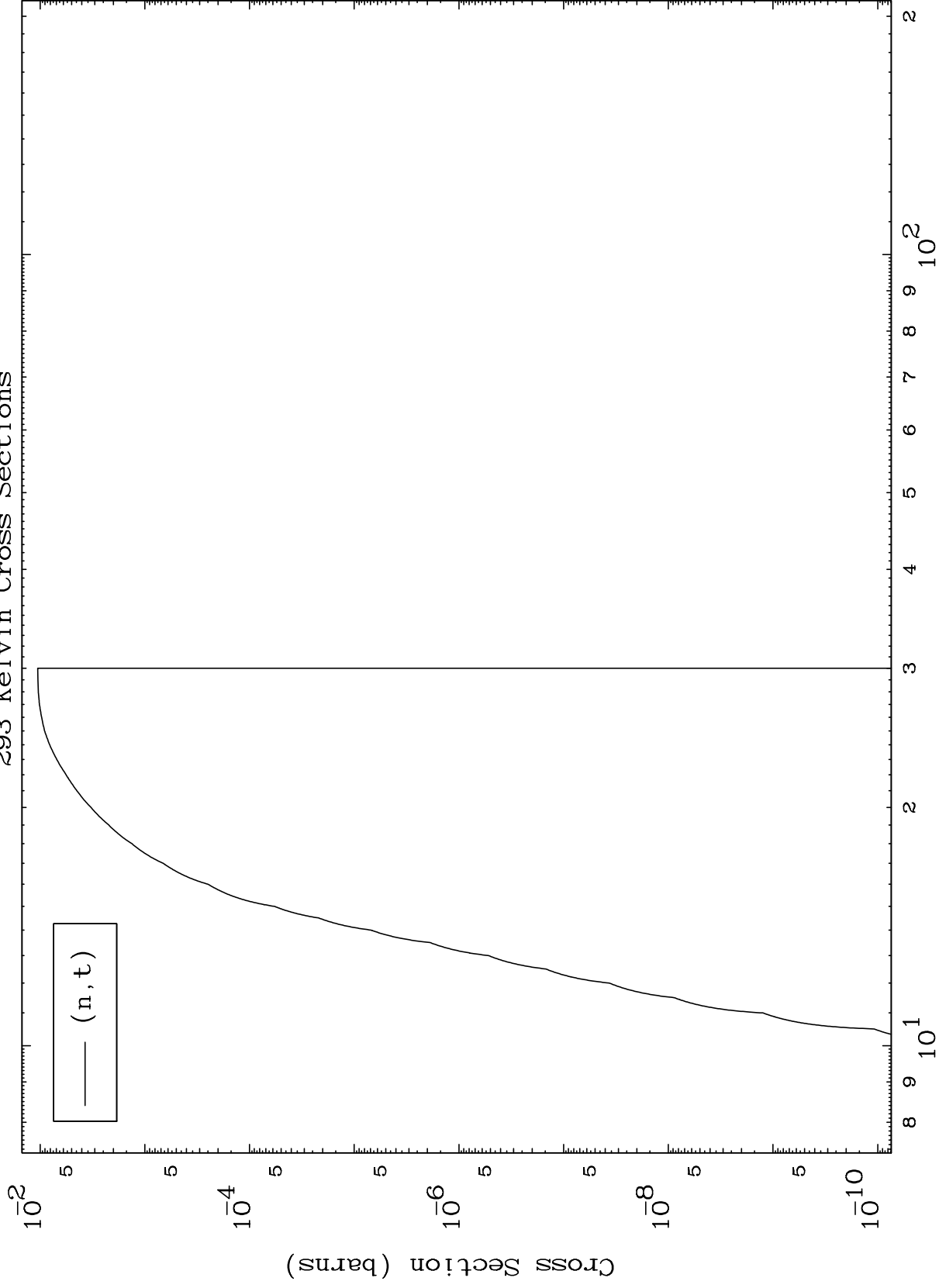
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41-Nb-87

MAT 4107

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-87



12

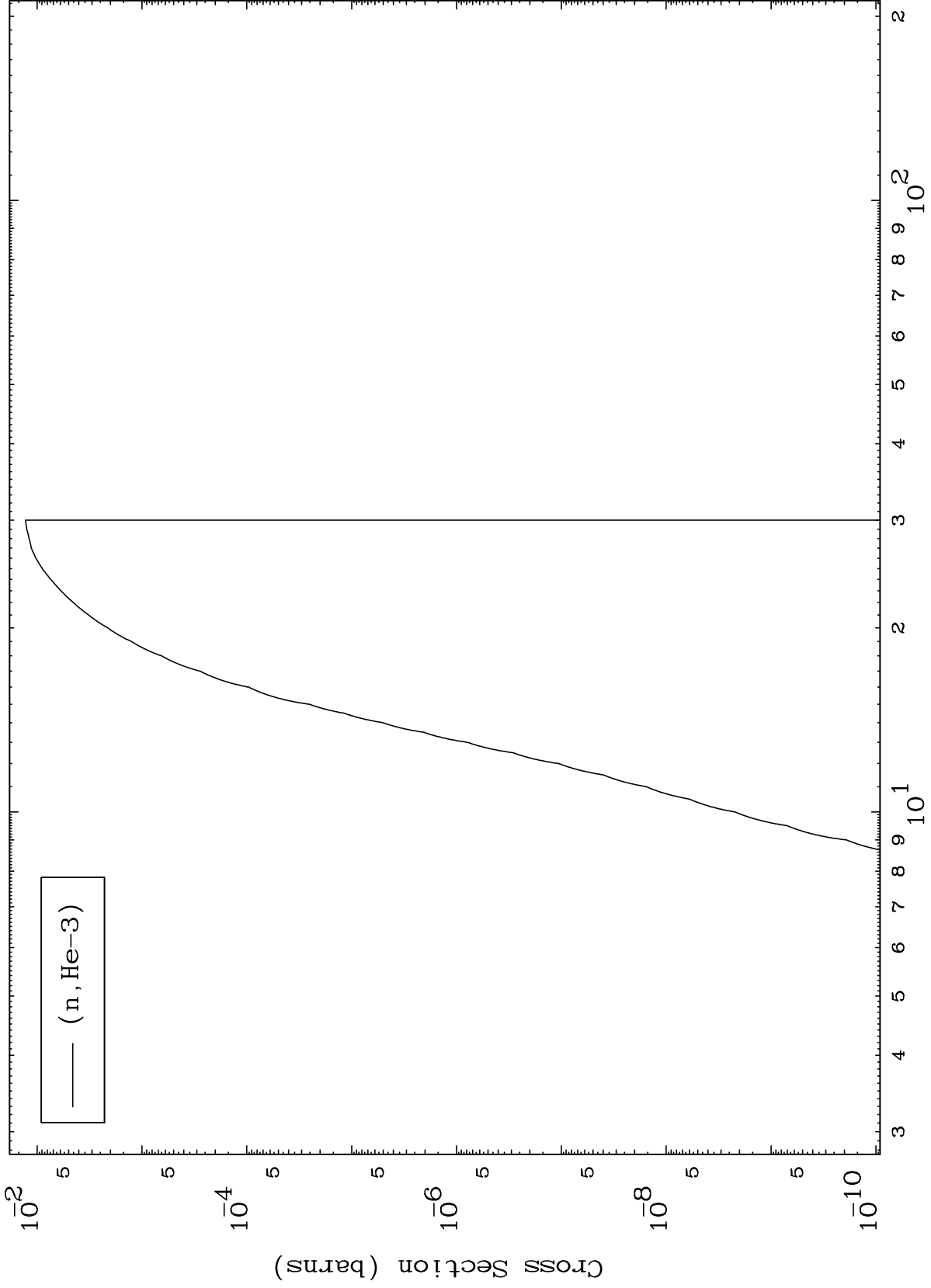
Incident Energy (MeV)

41-Nb-87

MAT 4107

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-87



13

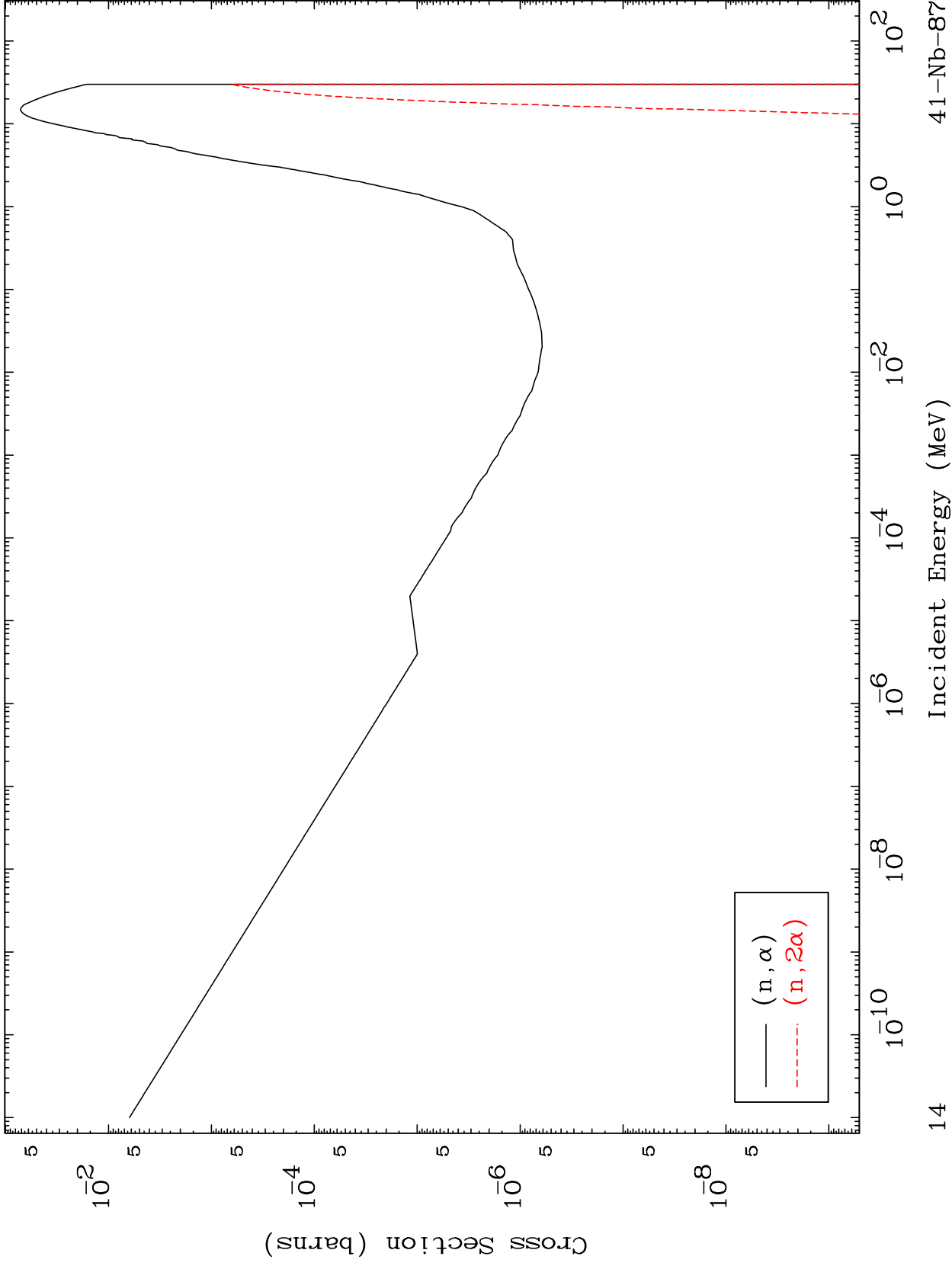
Incident Energy (MeV)

41-Nb-87

MAT 4107

(n,α) Levels
293 Kelvin Cross Sections

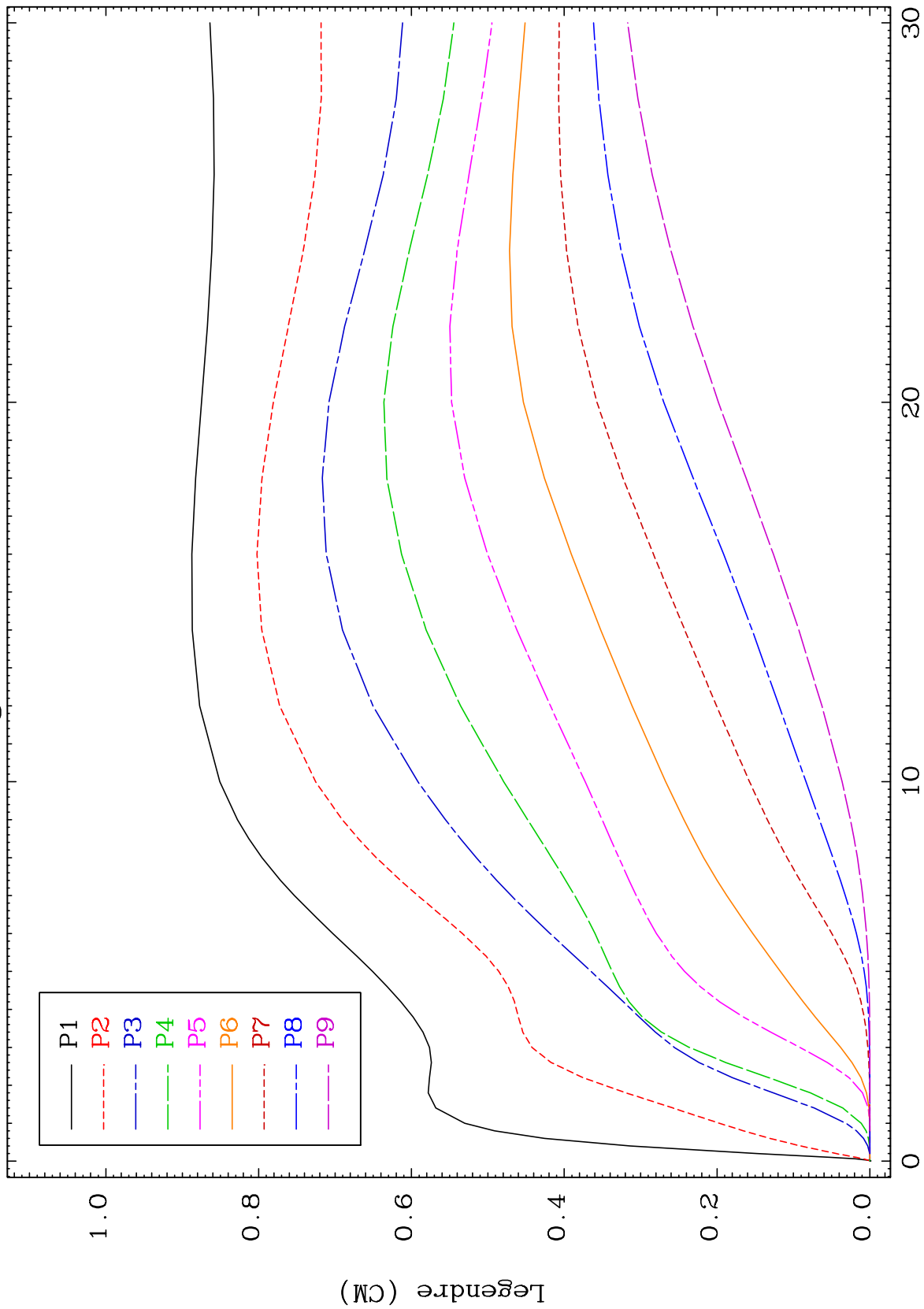
41-Nb-87



MAT 4107

Elastic Legendre Coefficients

41-Nb-87



15

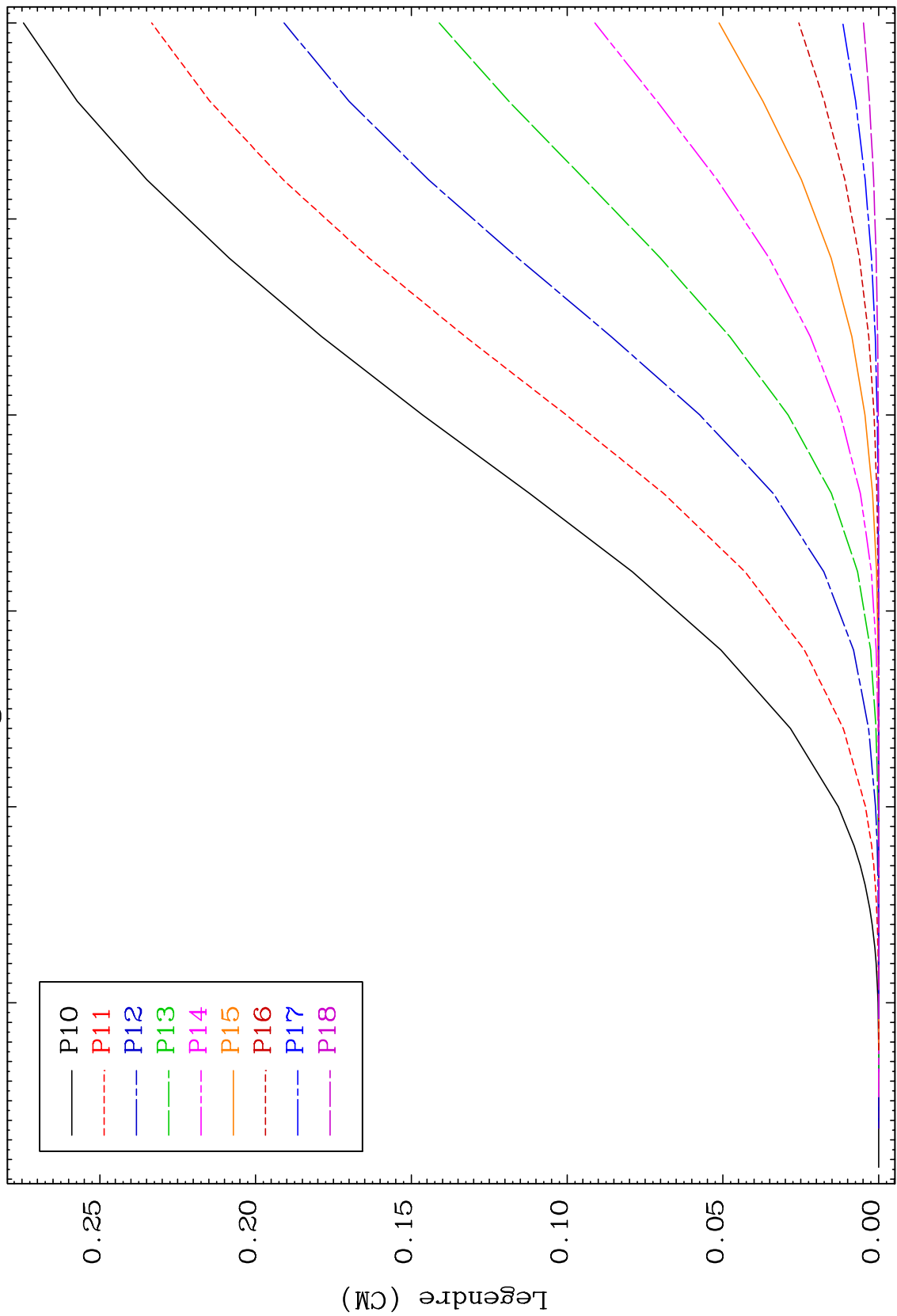
Incident Energy (MeV)

41-Nb-87

MAT 4107

Elastic Legendre Coefficients

41-Nb-87



16

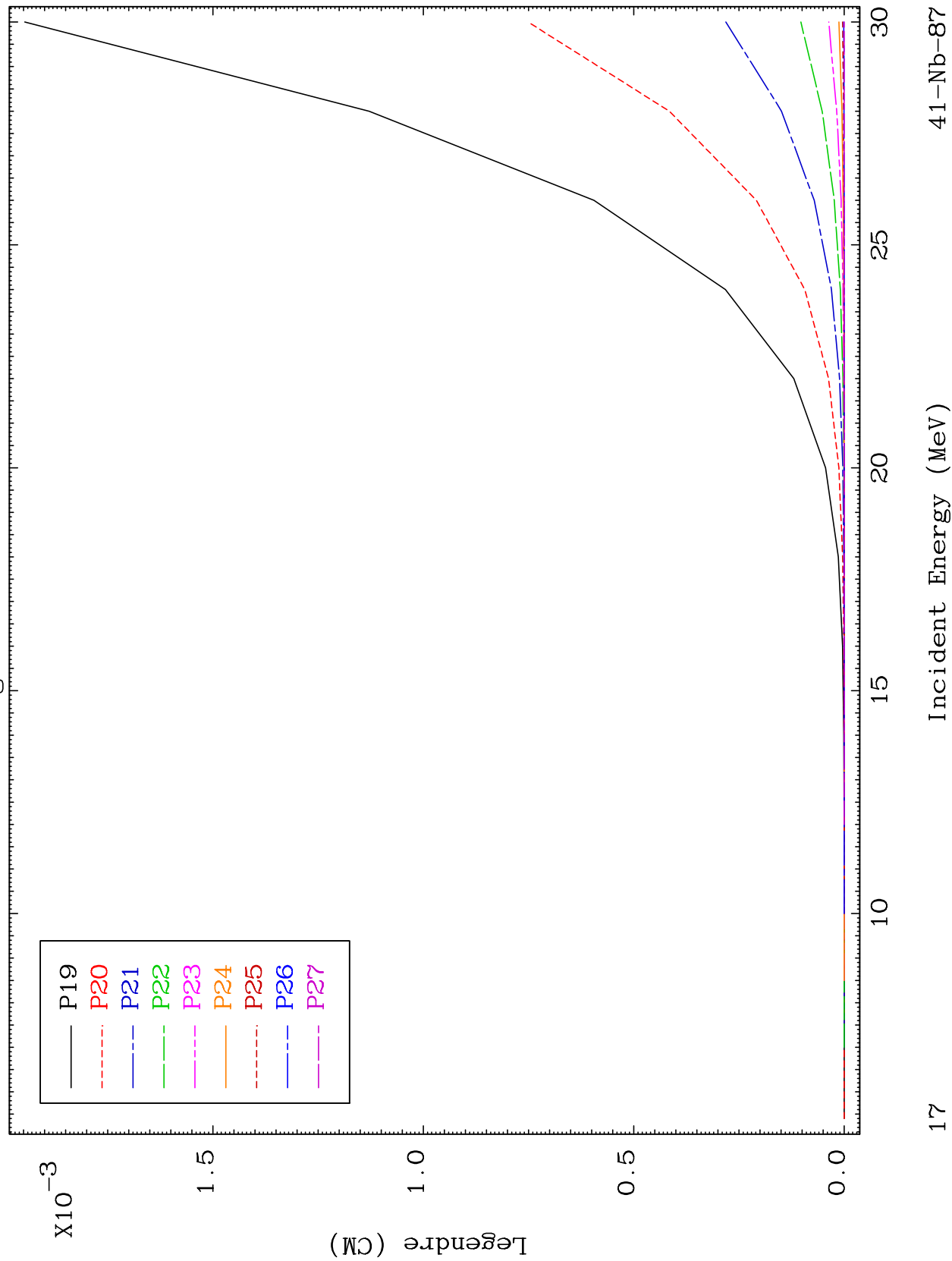
Incident Energy (MeV)

41-Nb-87

MAT 4107

Elastic
Legendre Coefficients

41-Nb-87



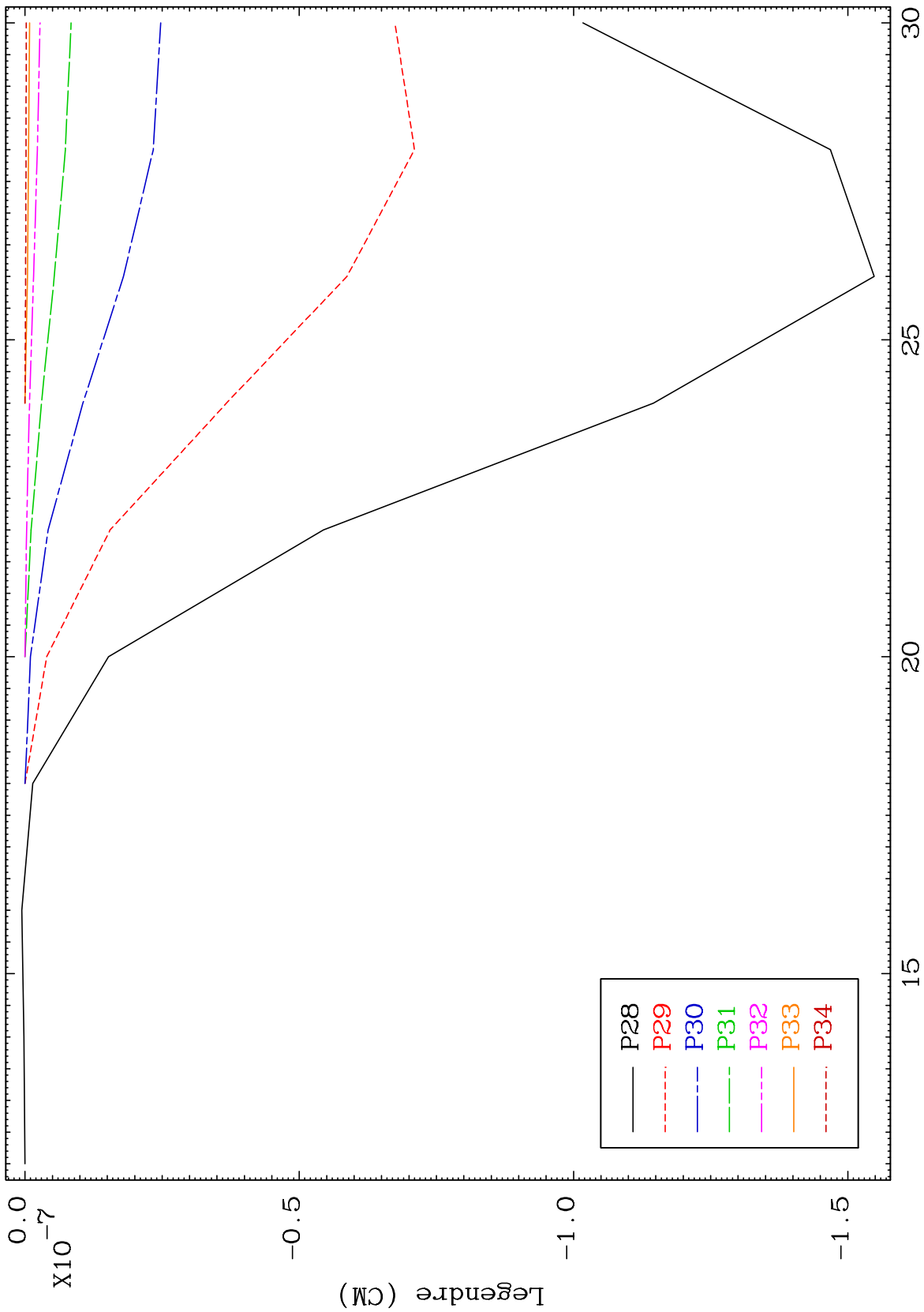
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41-Nb-87

MAT 4107

41-Nb-87

Elastic Legendre Coefficients



18

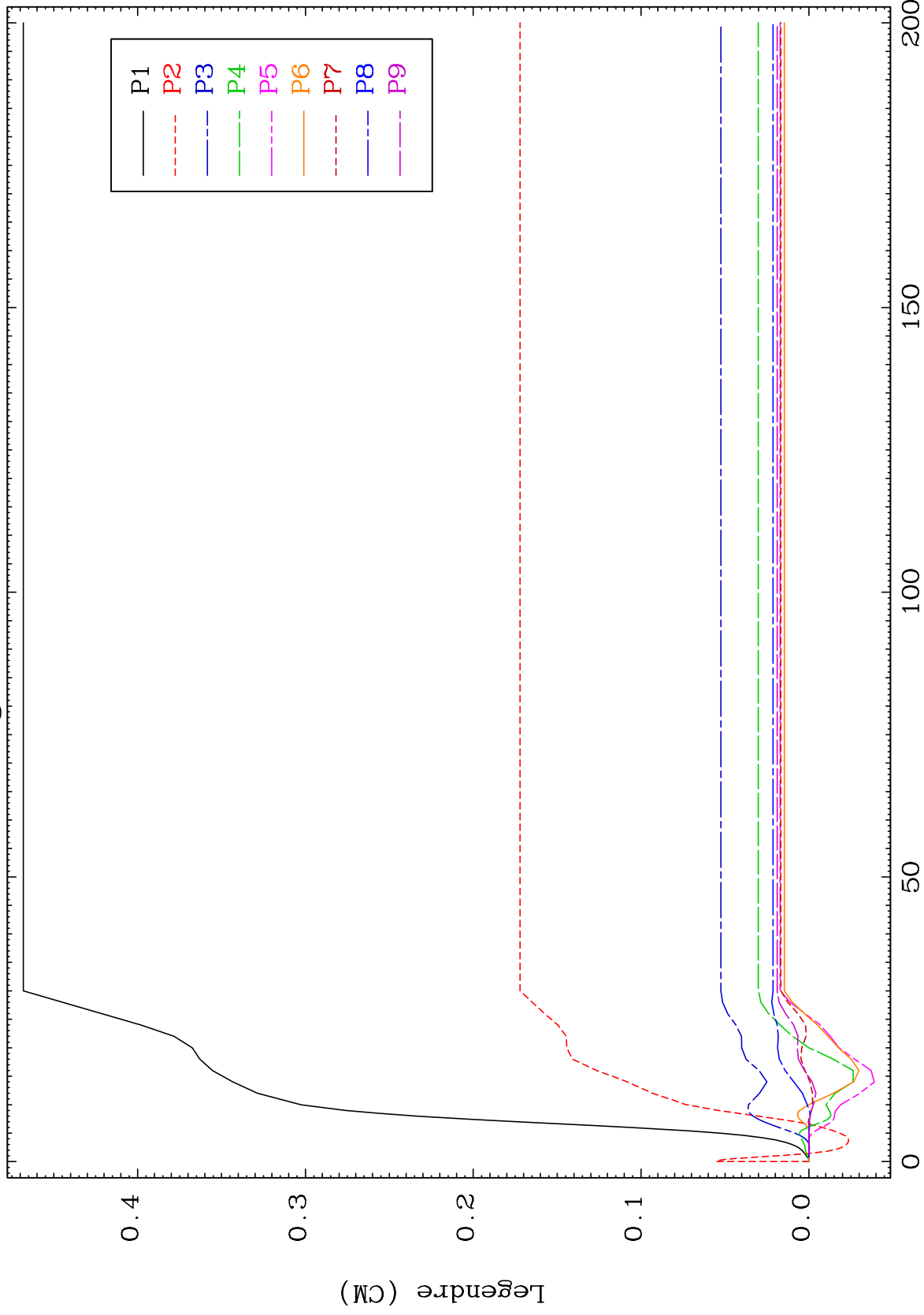
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



19

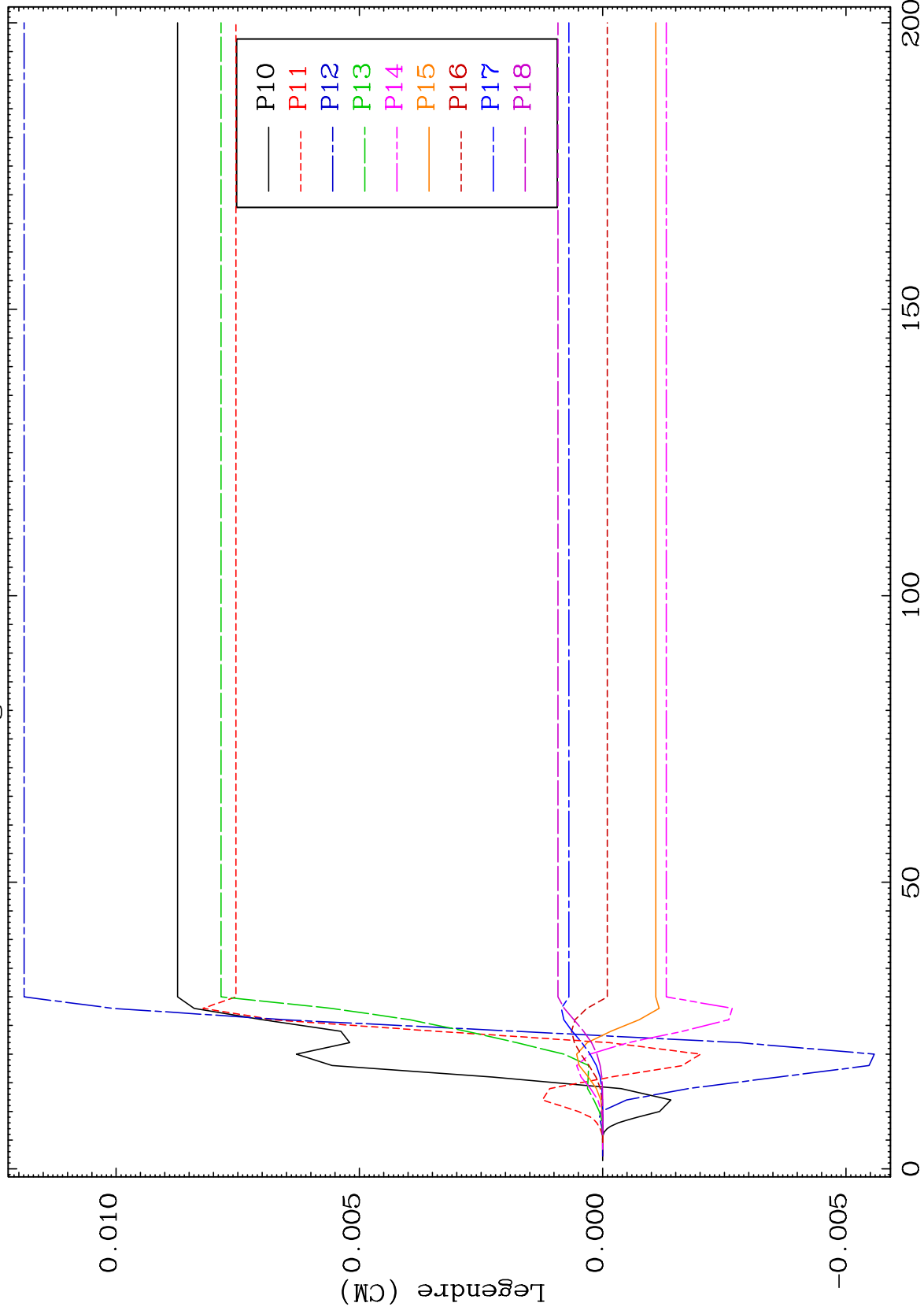
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



20

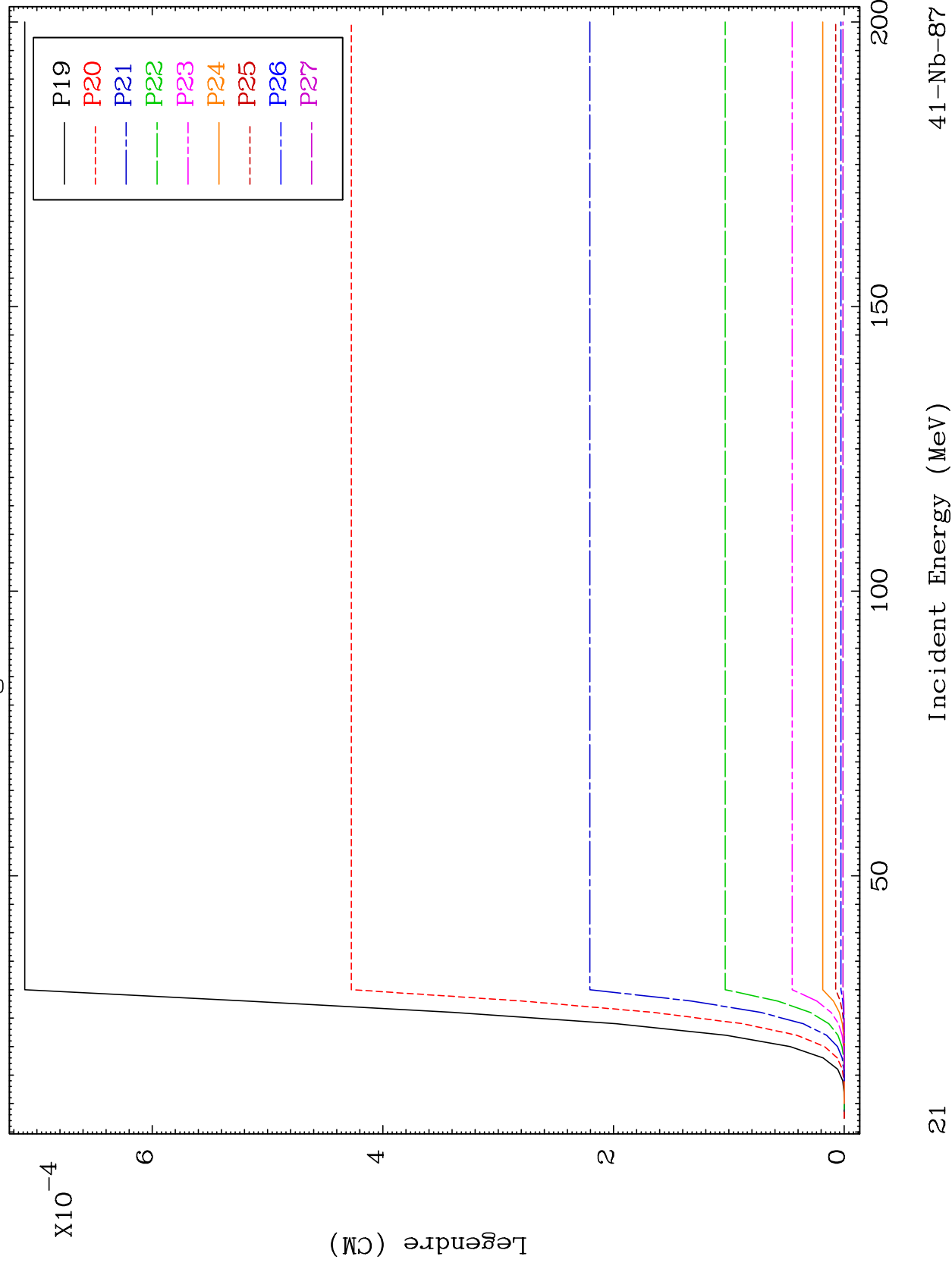
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



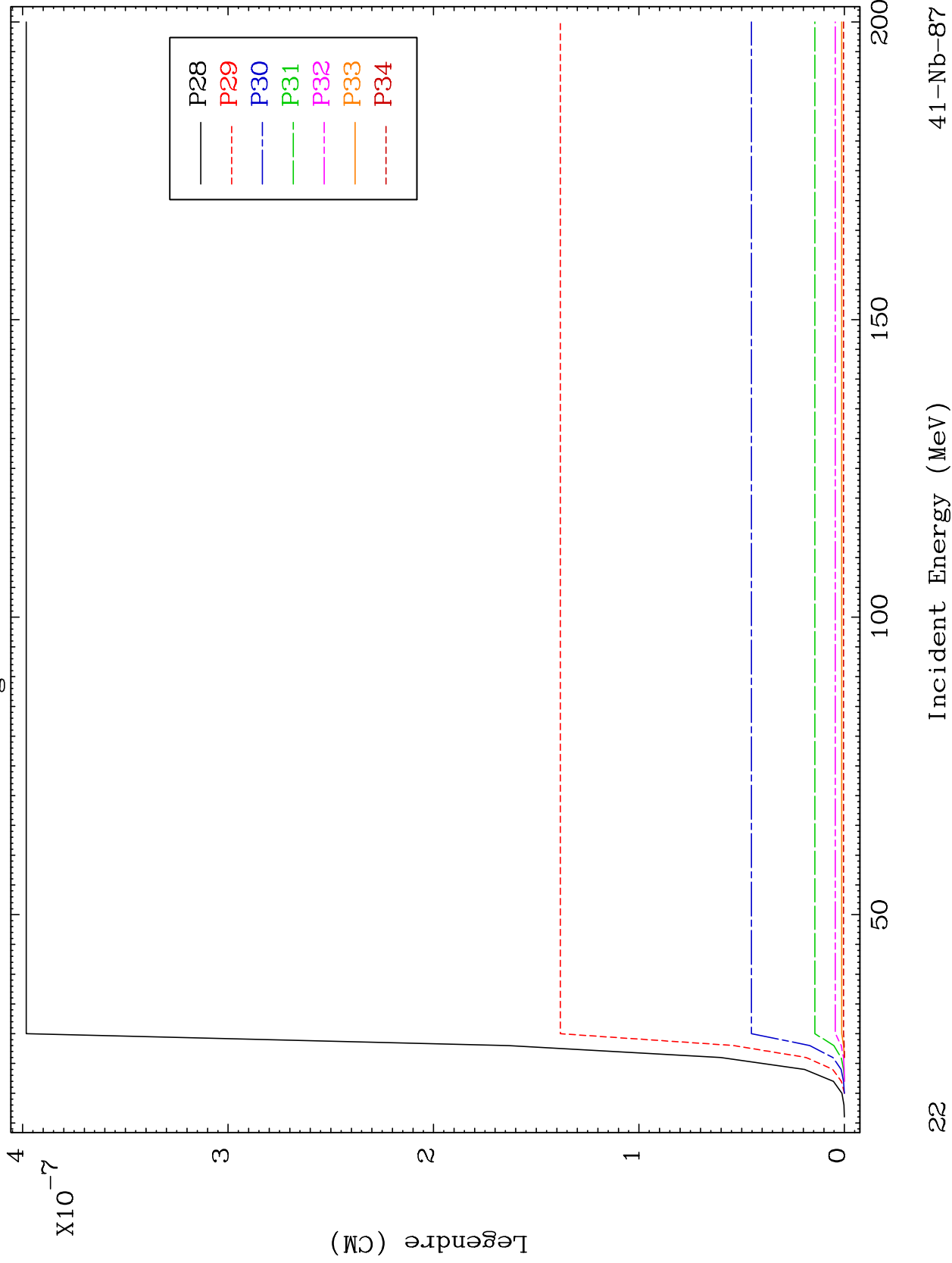
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41-Nb-87

MAT 4107

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

41-Nb-87



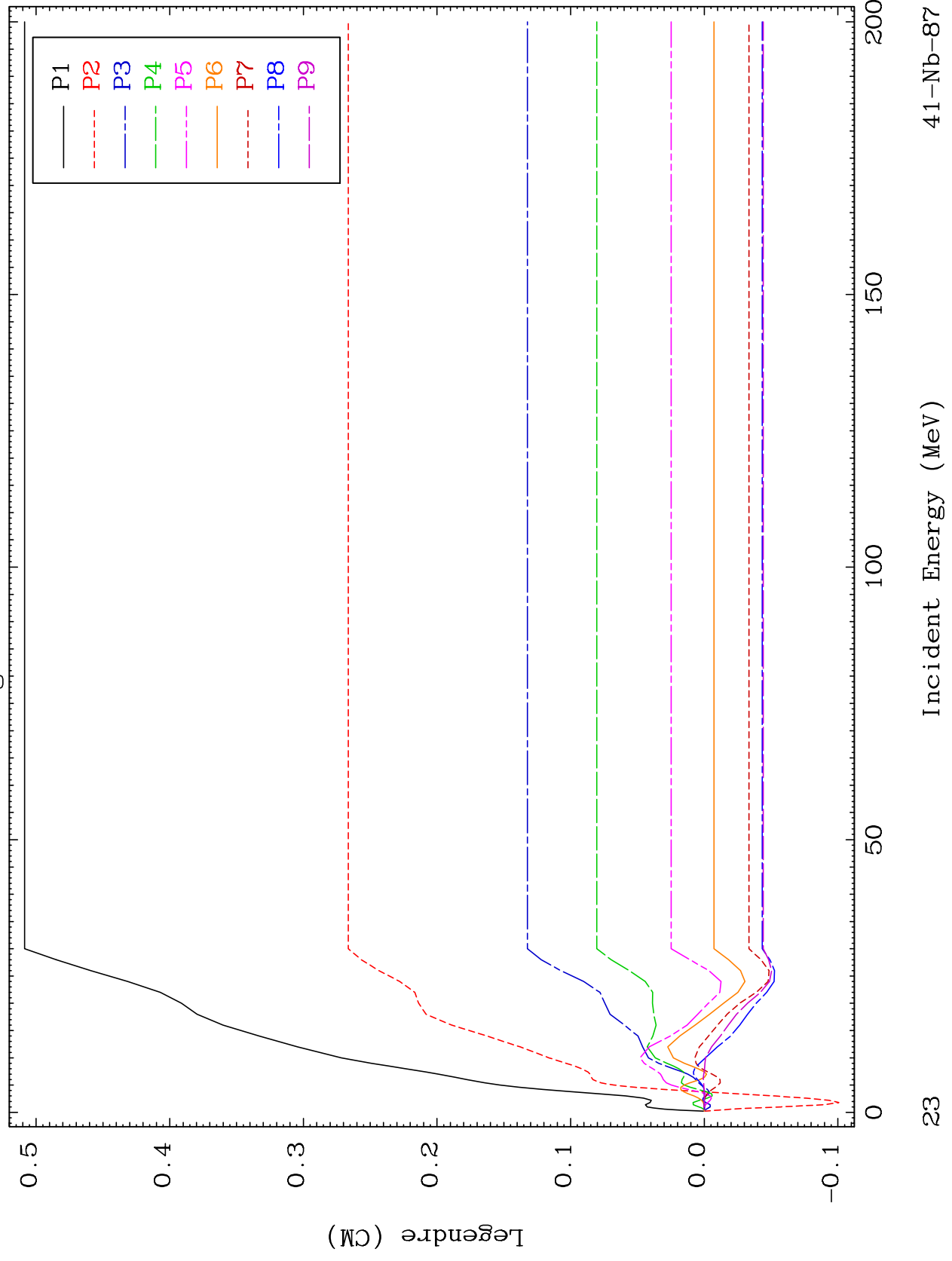
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41-Nb-87

MAT 4107

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

41-Nb-87



23

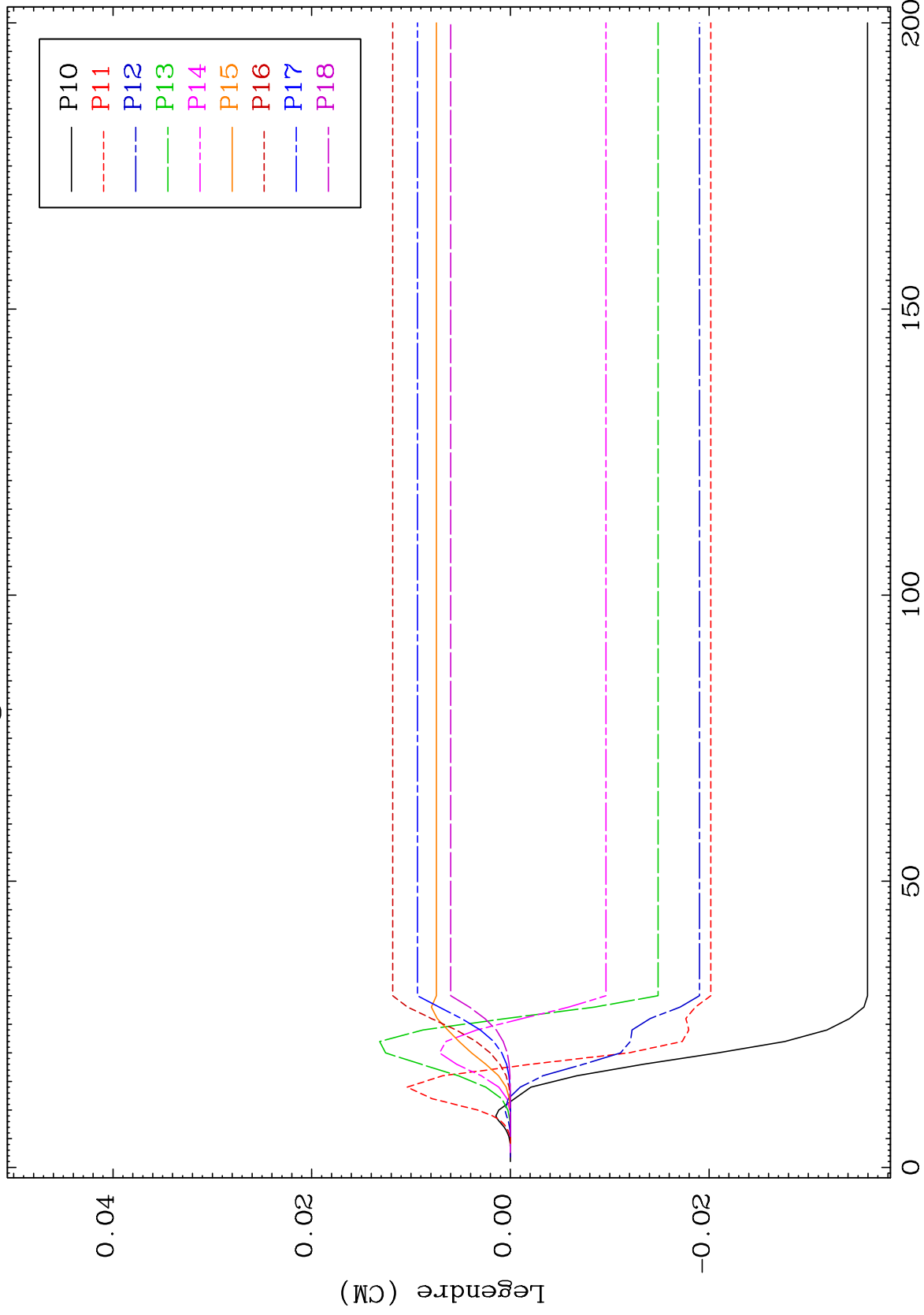
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



24

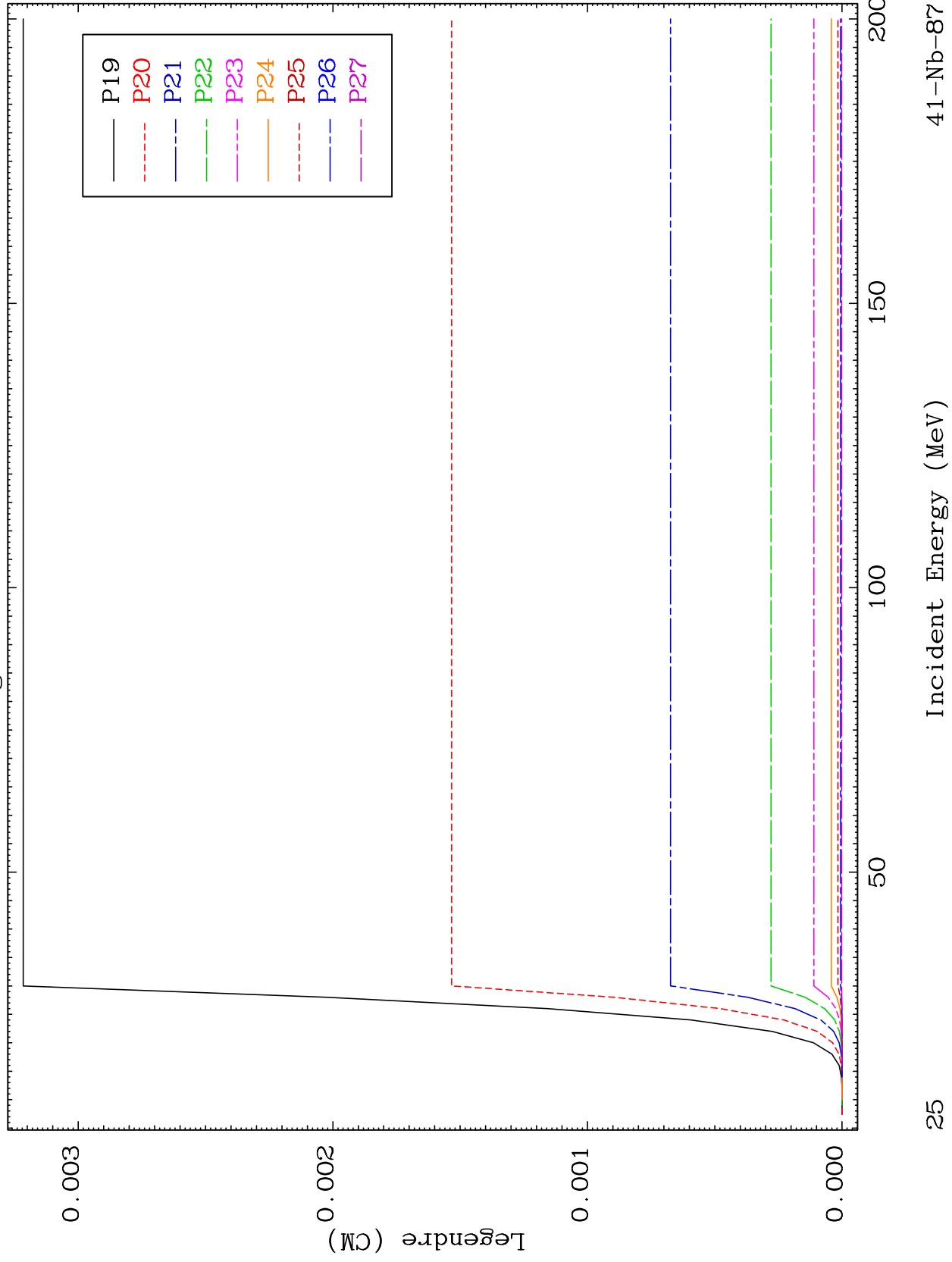
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



25

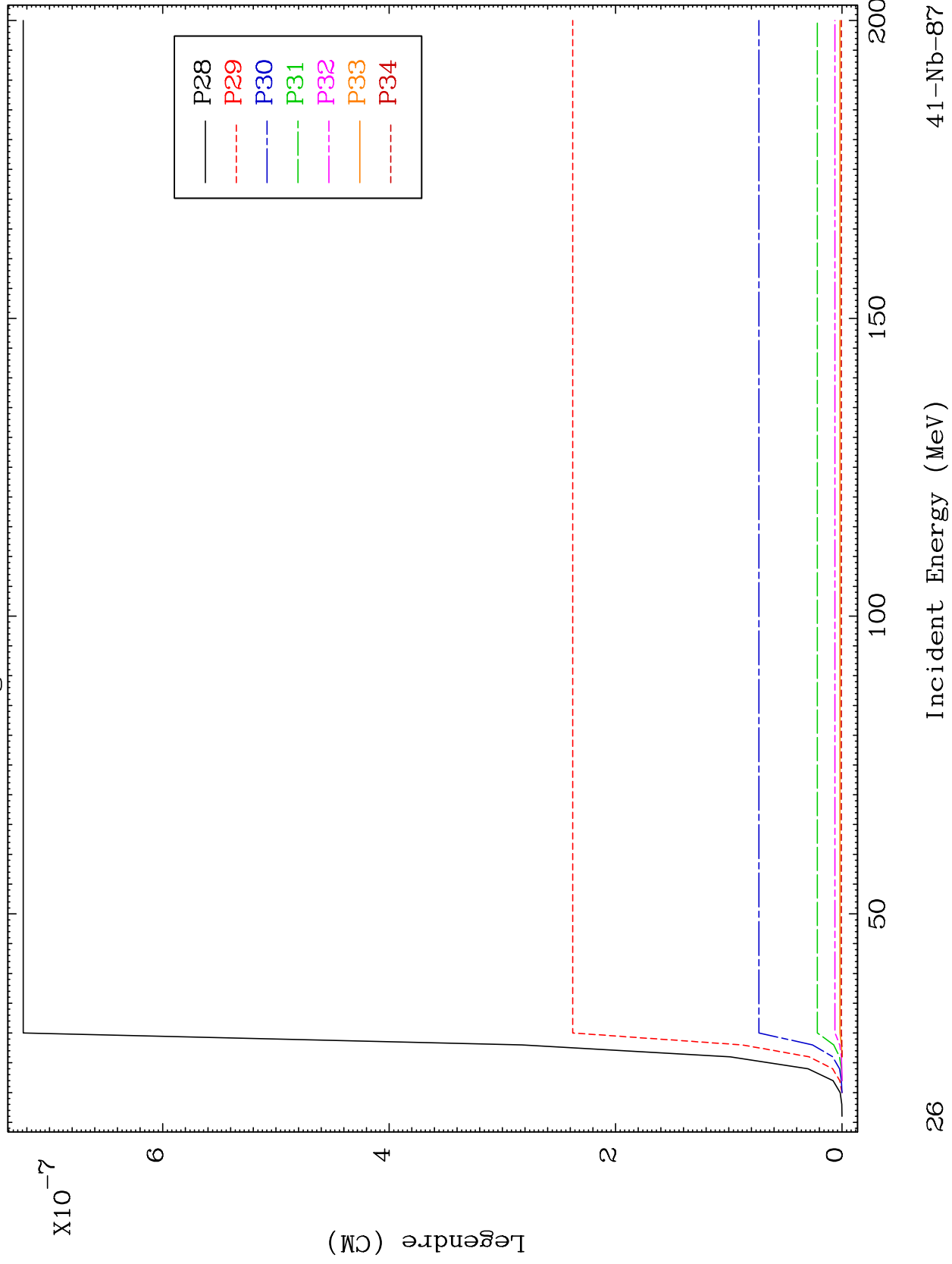
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



26

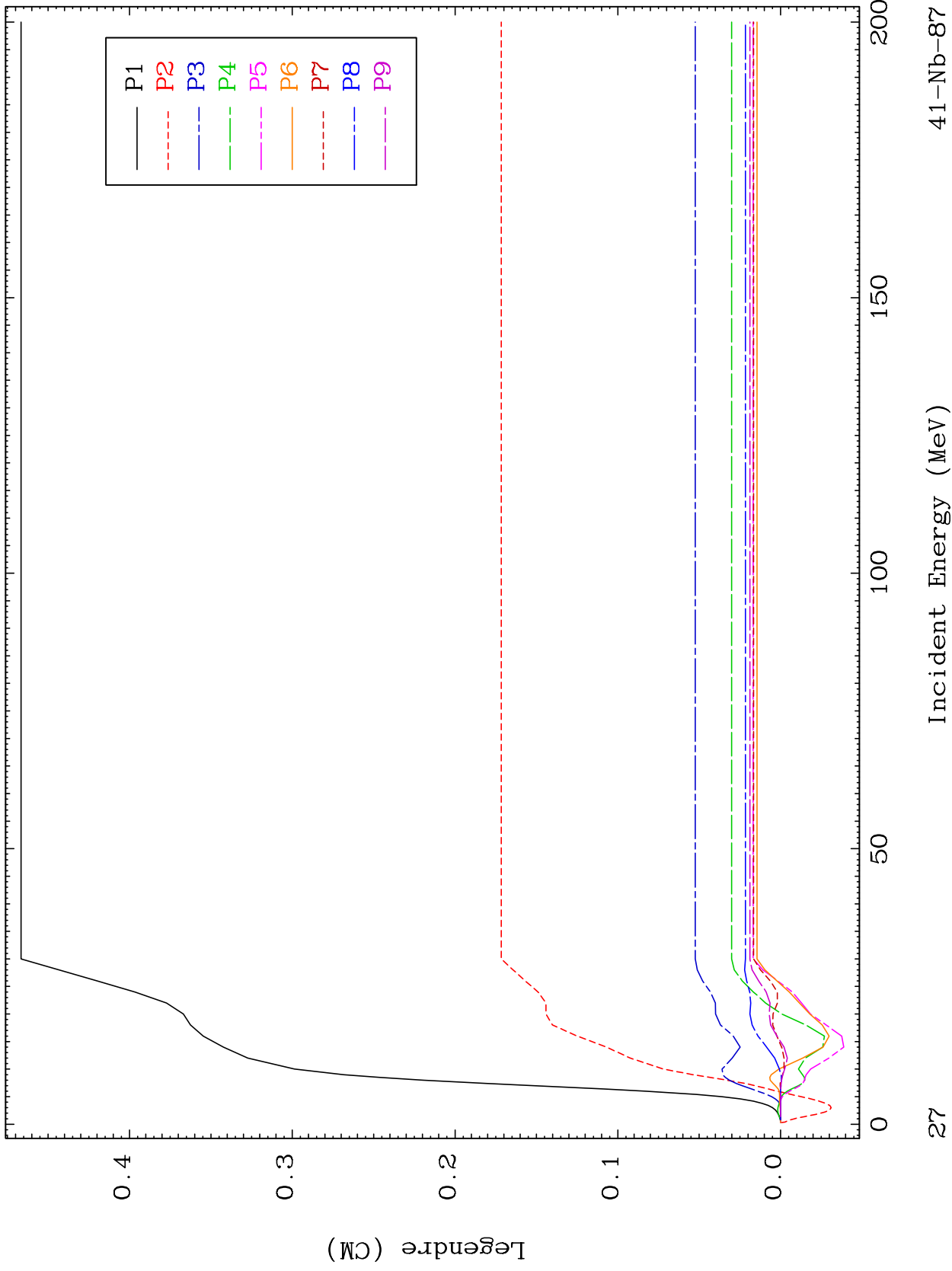
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



41-Nb-87

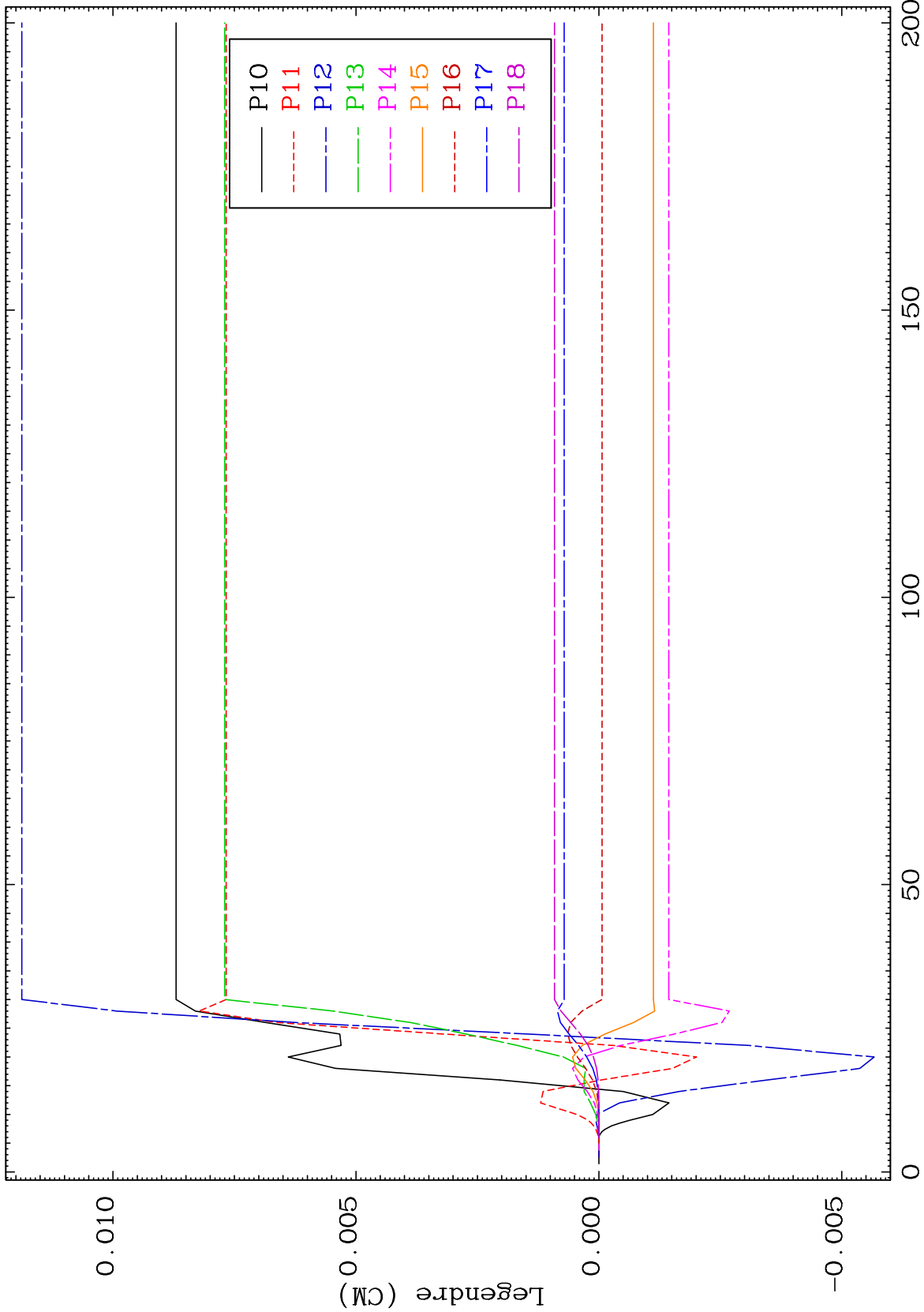
Incident Energy (MeV)

27

MAT 4107

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

41-Nb-87



28

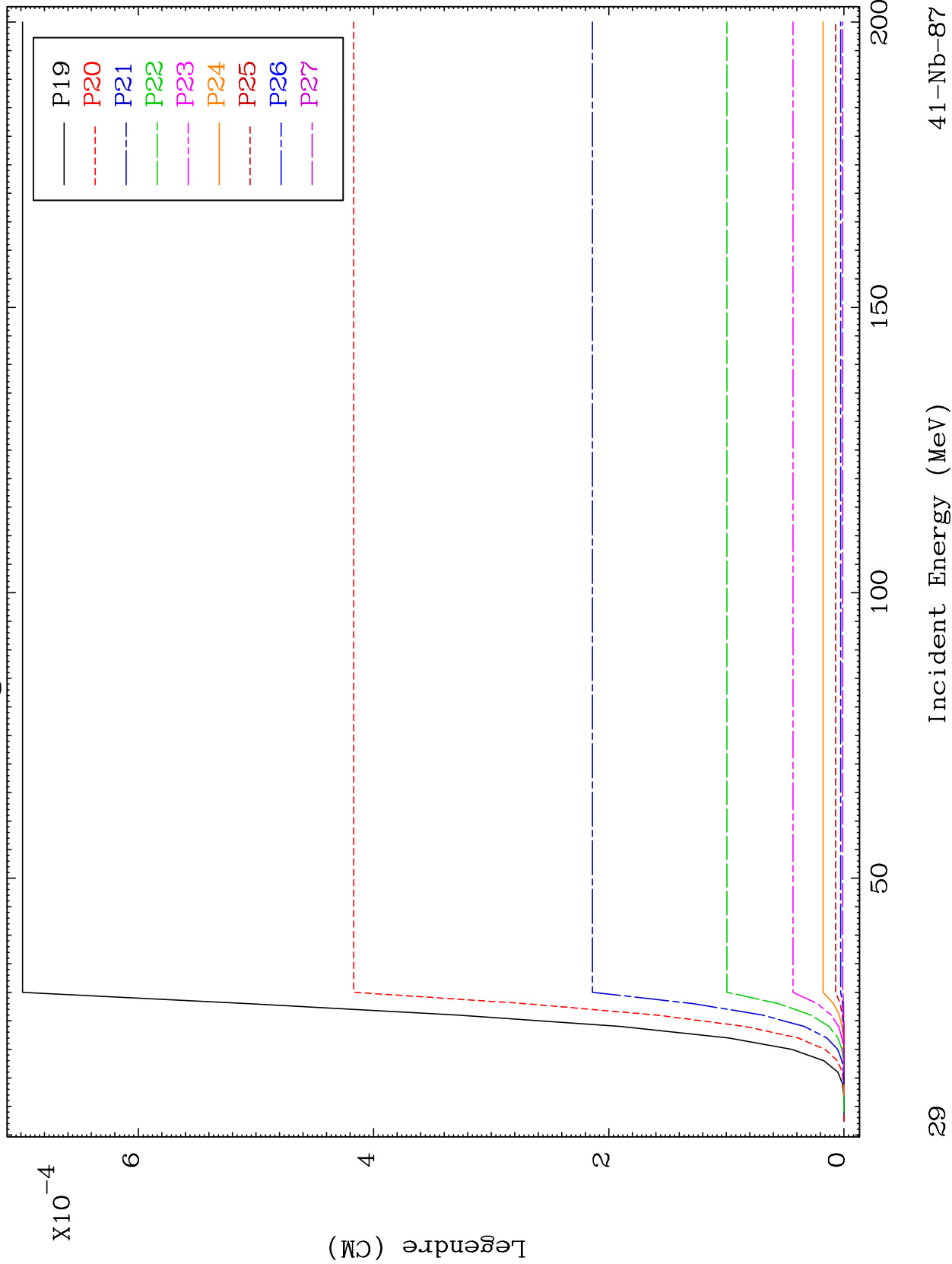
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



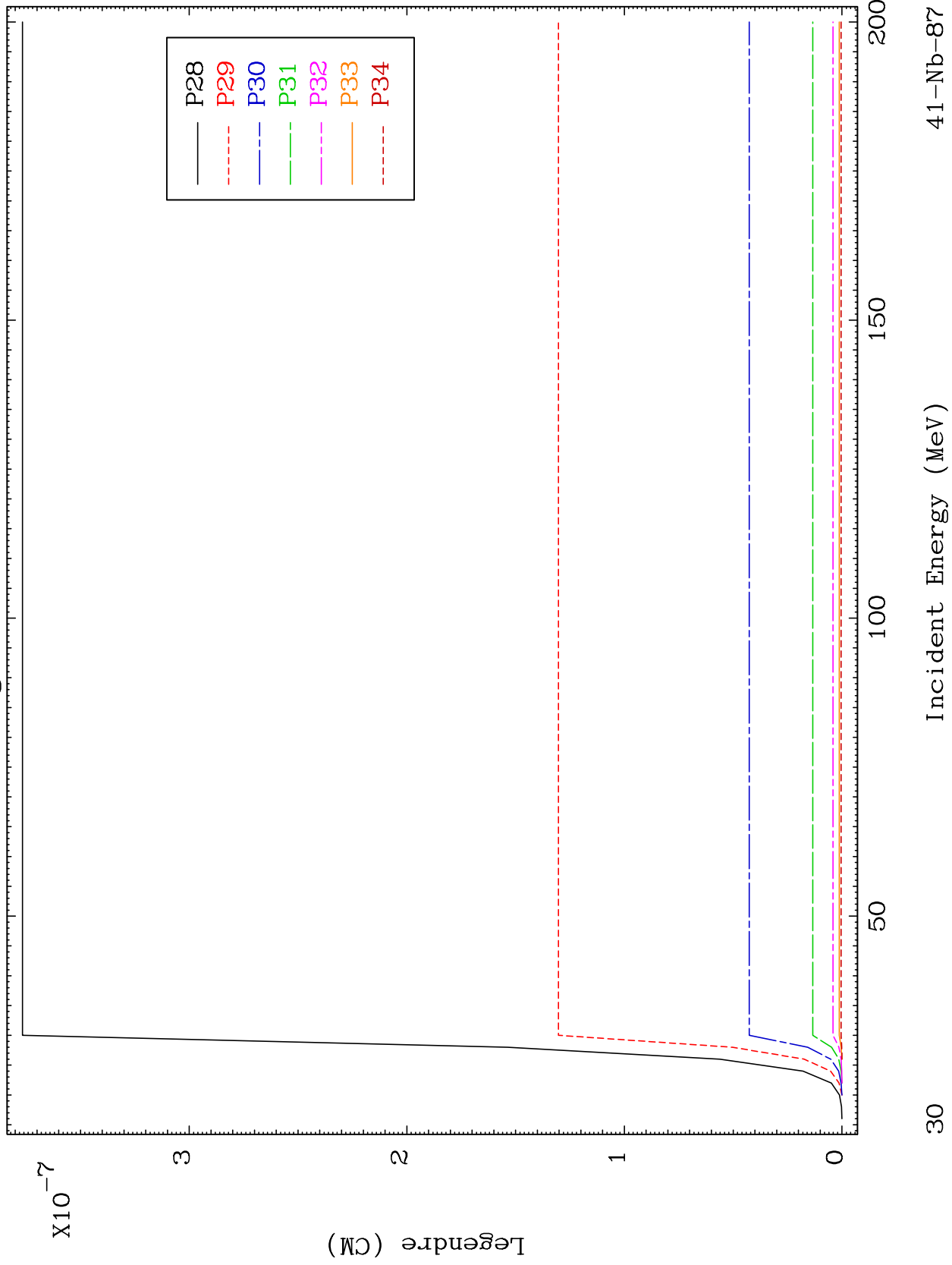
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41-Nb-87

MAT 4107

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

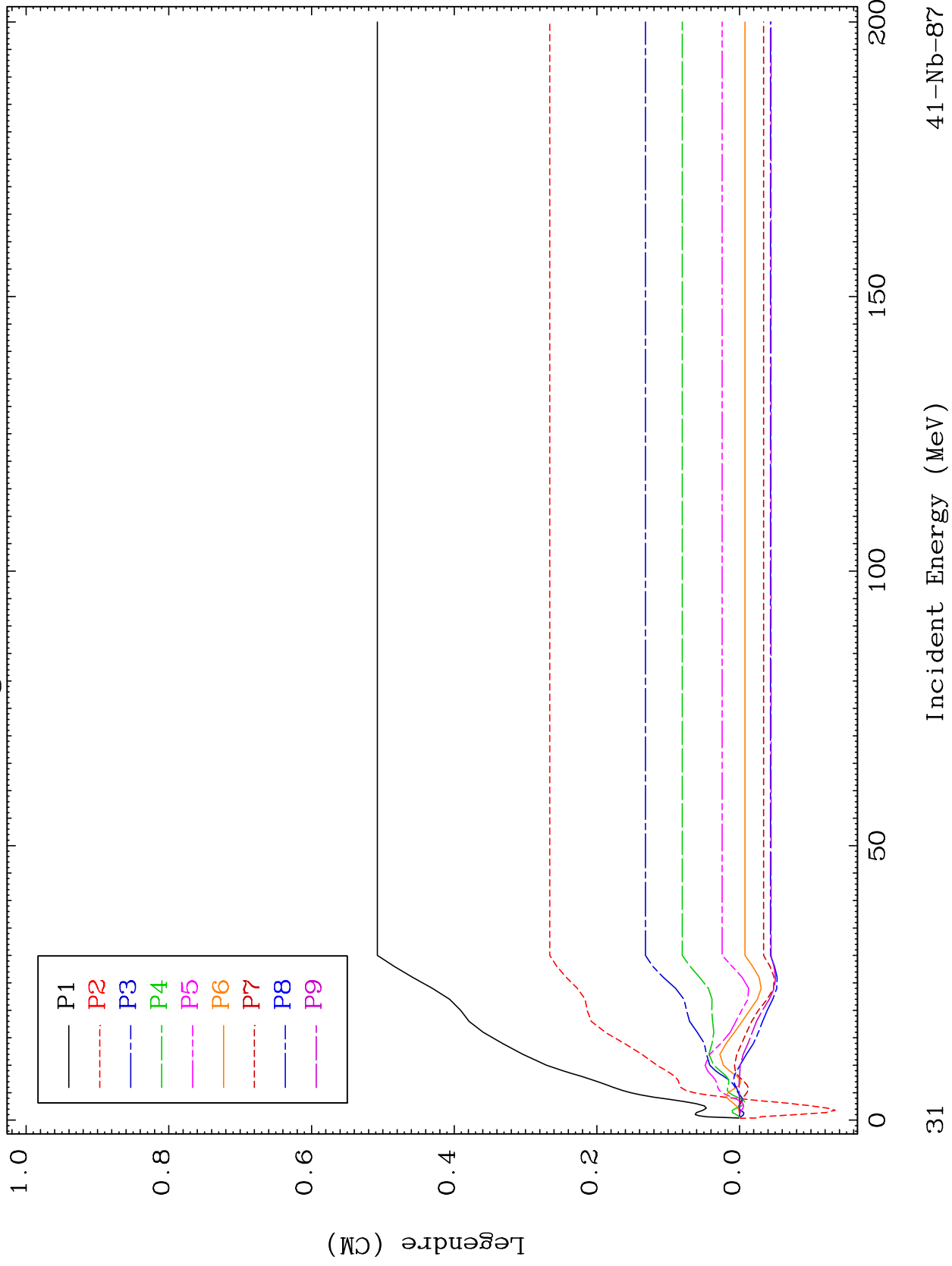
41-Nb-87



MAT 4107

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

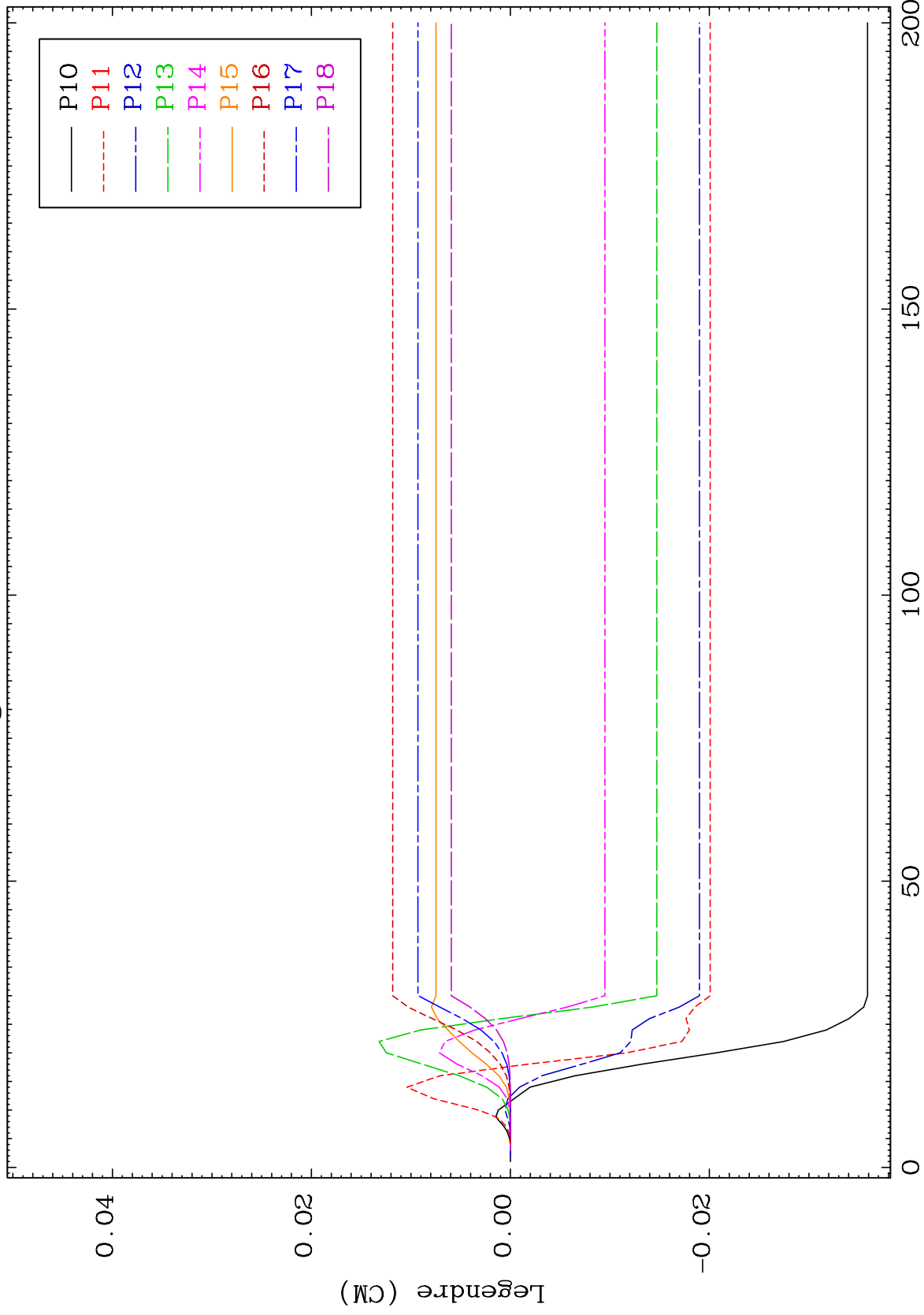
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MAT 4107

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

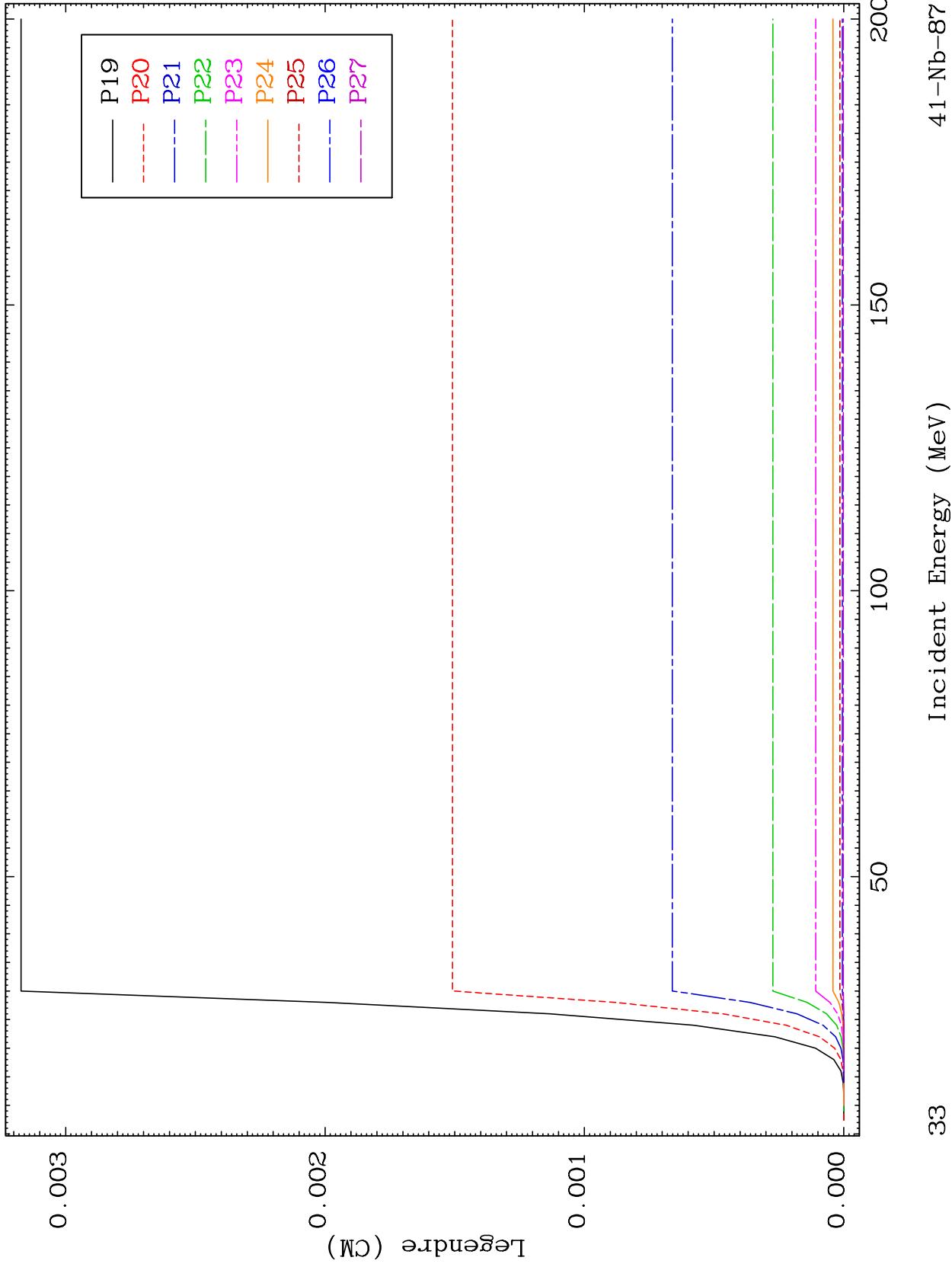
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32

Incident Energy (MeV)

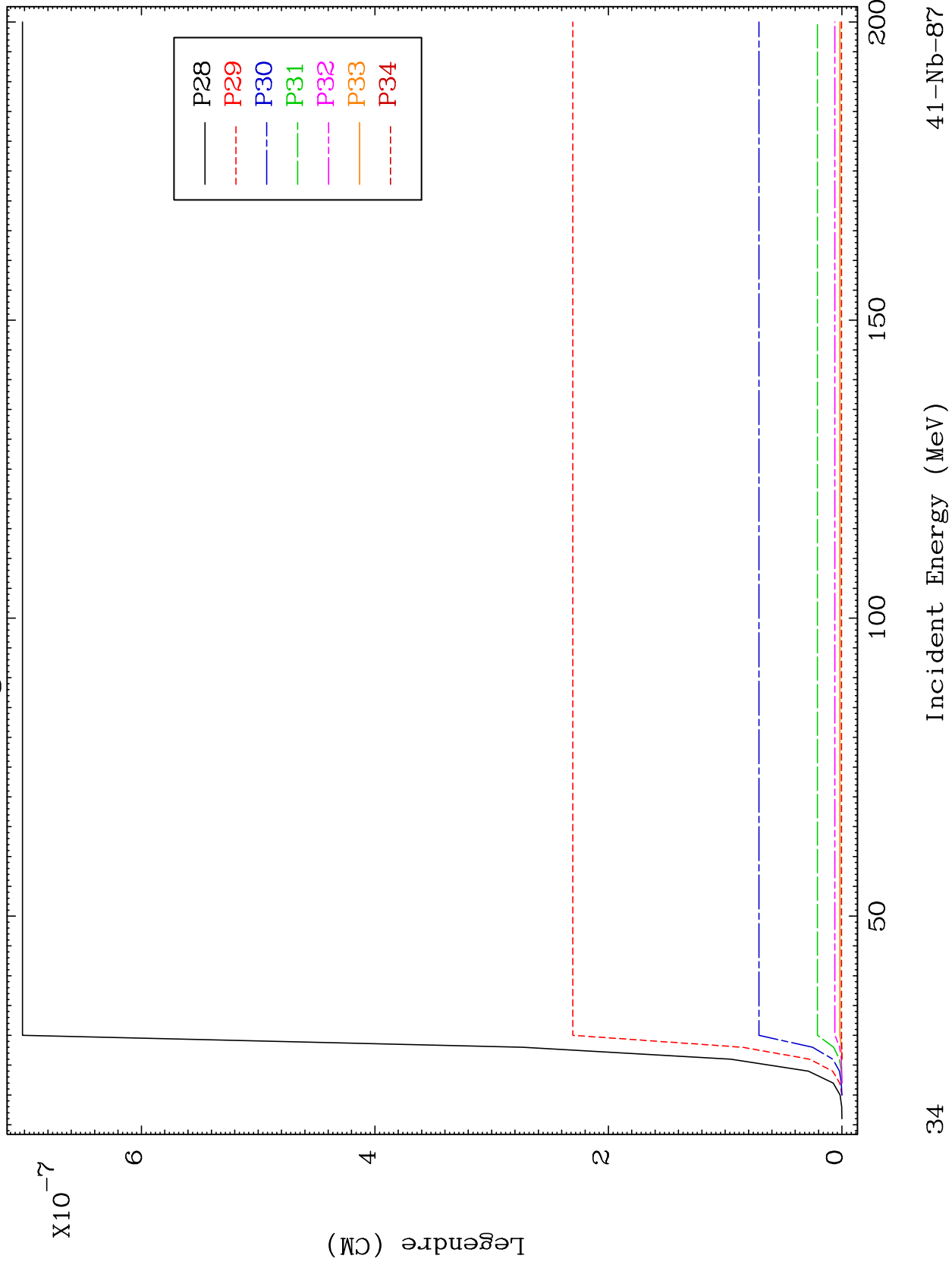
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MAT 4107

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

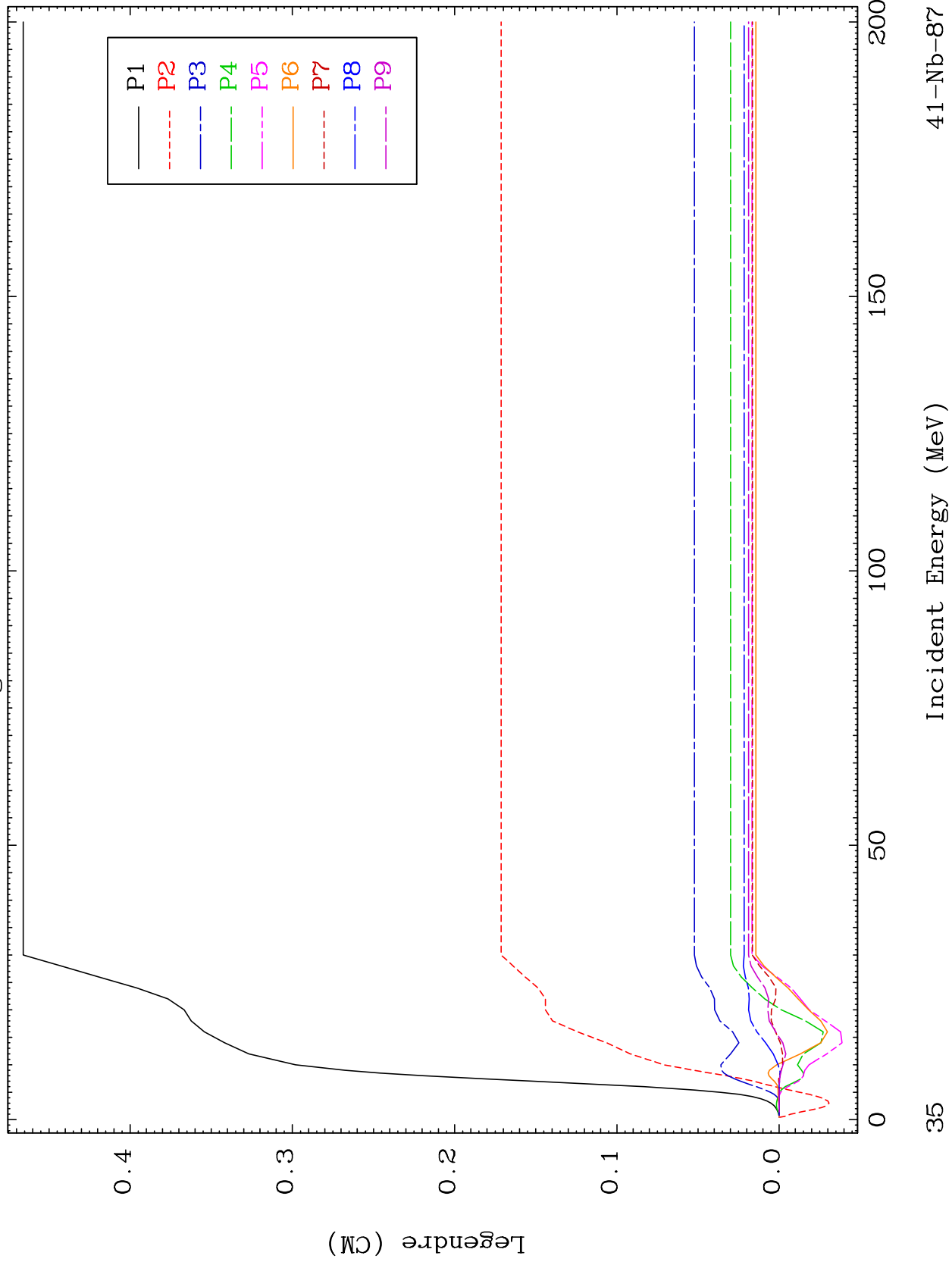
41-Nb-87



MAT 4107

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

41-Nb-87



41-Nb-87

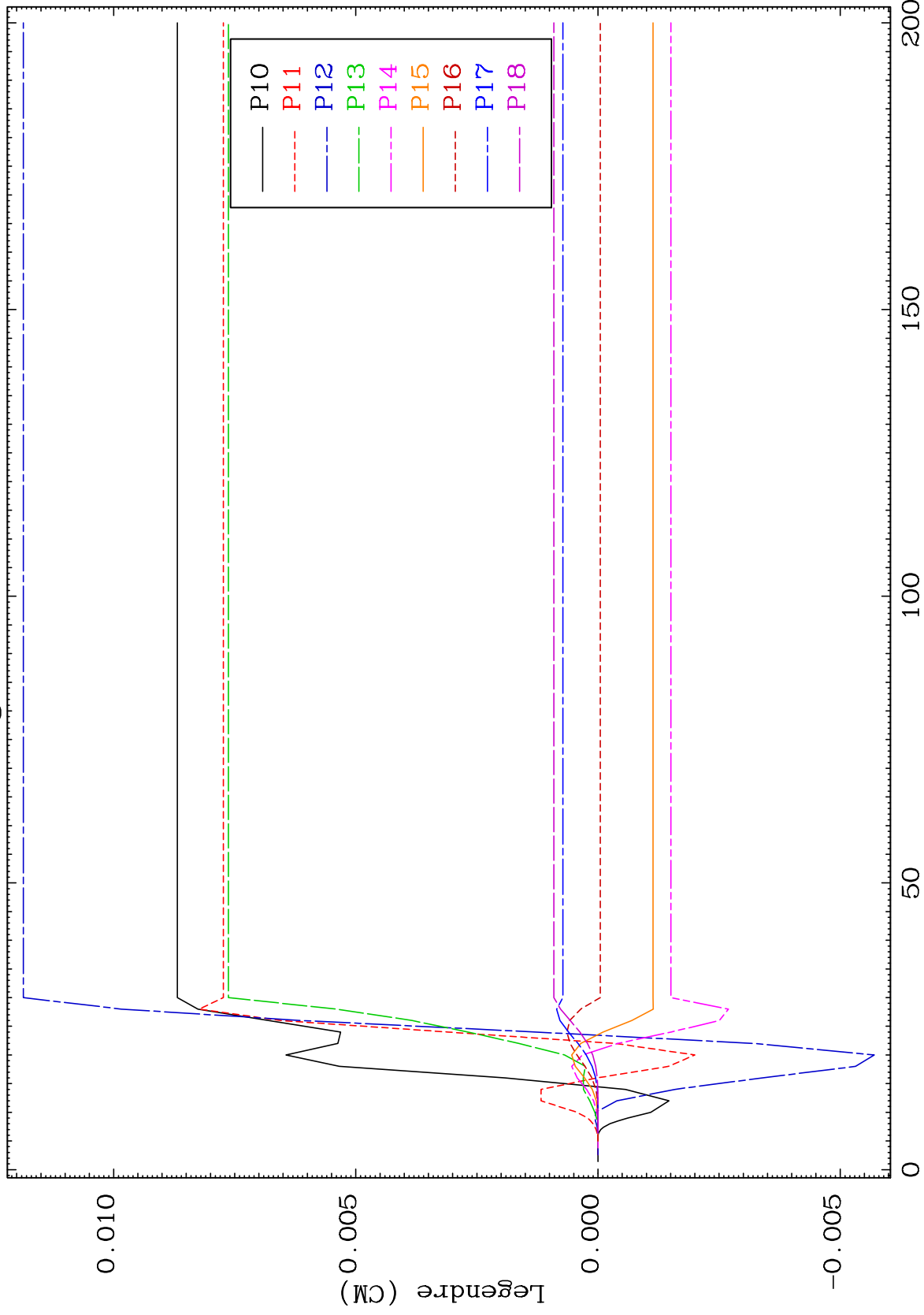
Incident Energy (MeV)

35

MAT 4107

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

41-Nb-87



36

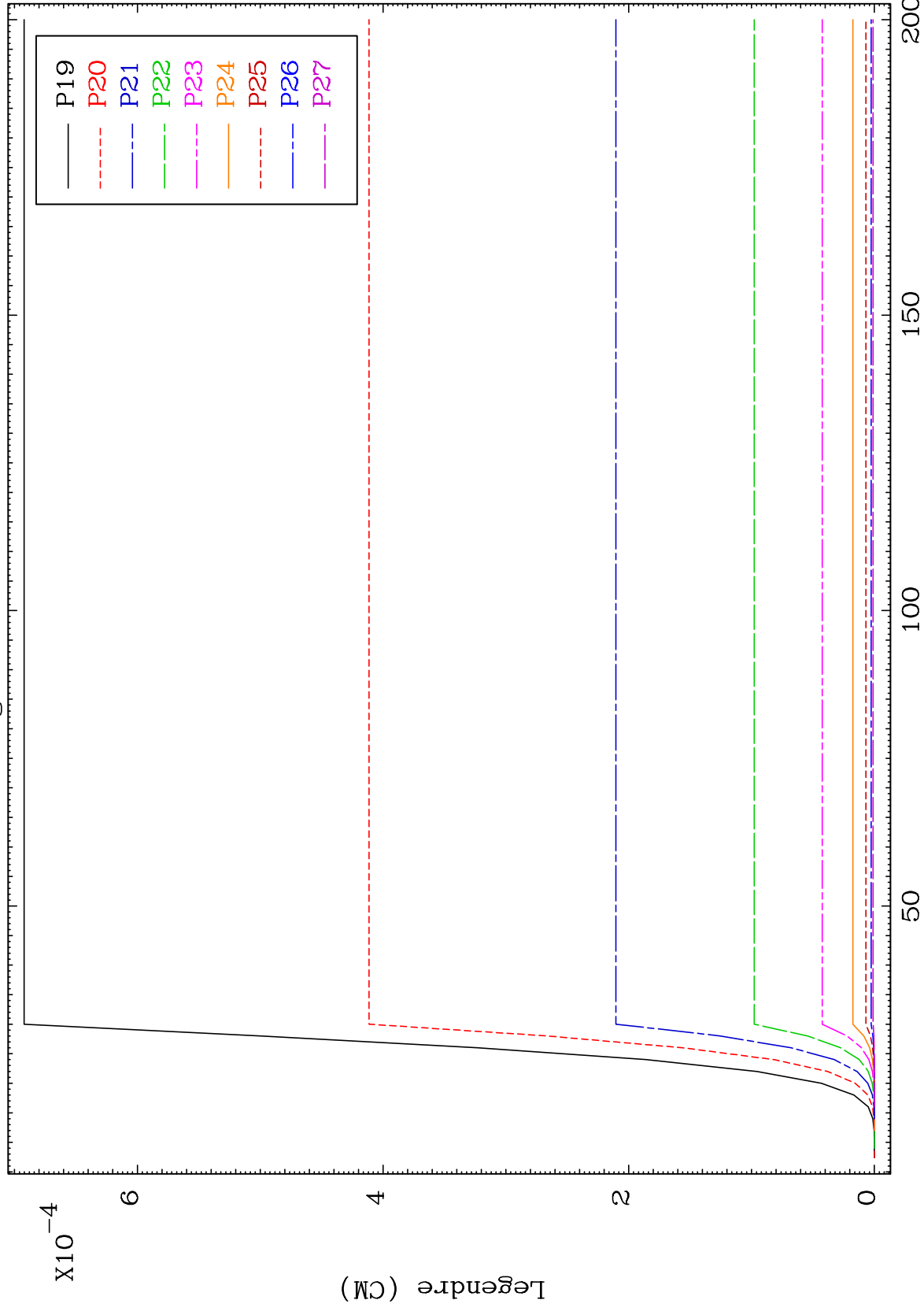
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



37

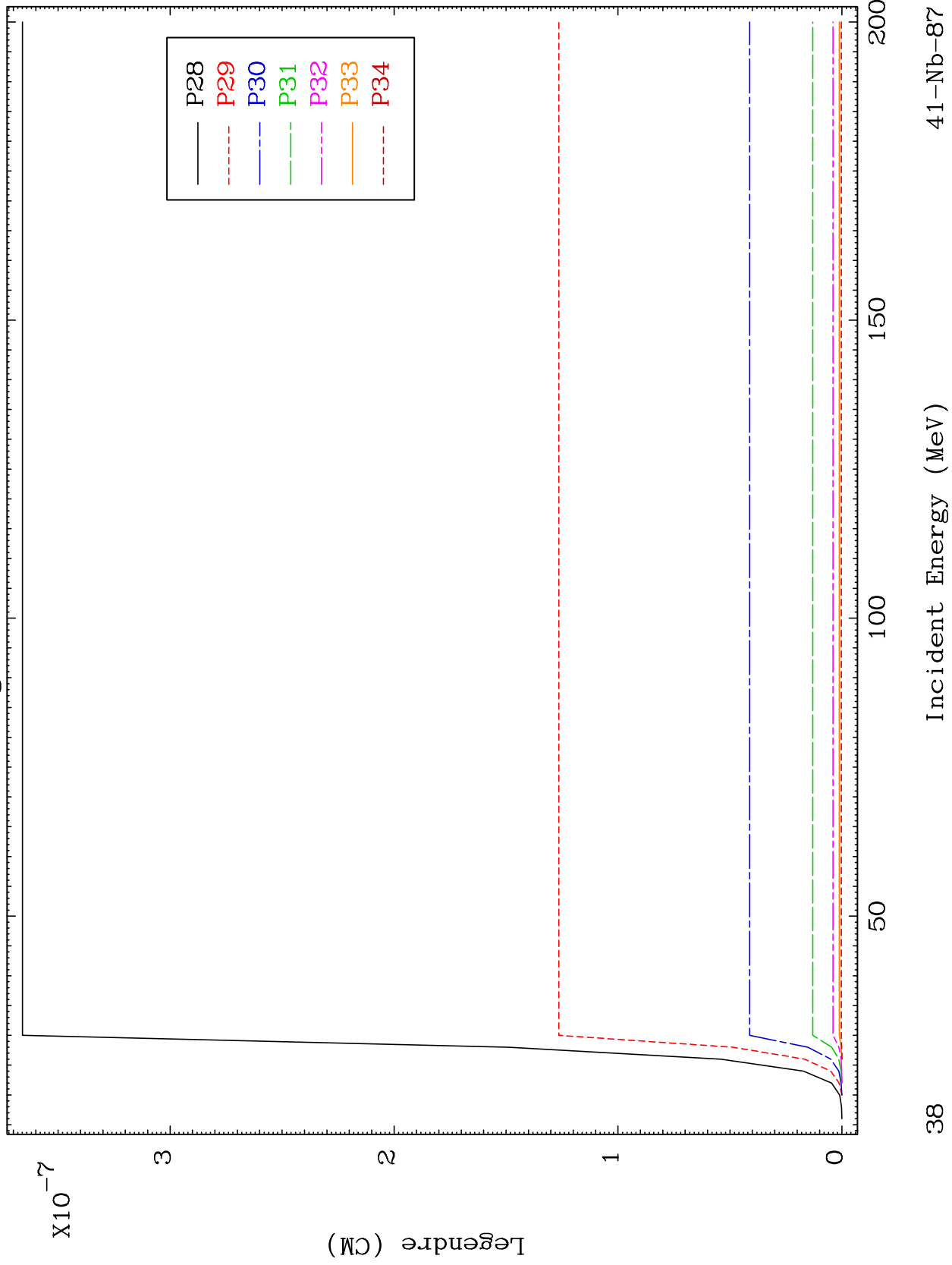
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



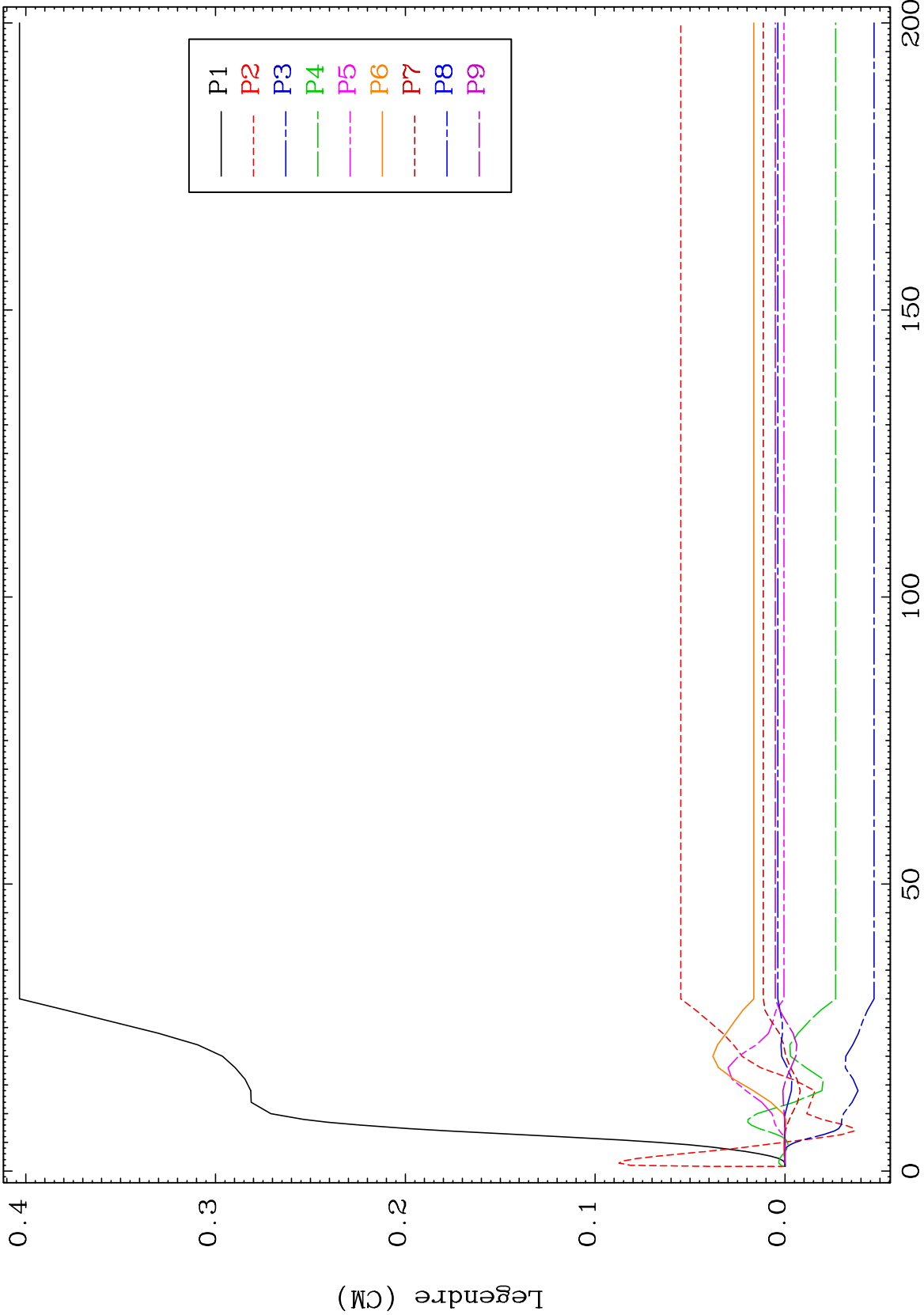
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41-Nb-87

MAT 4107

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

41-Nb-87



39

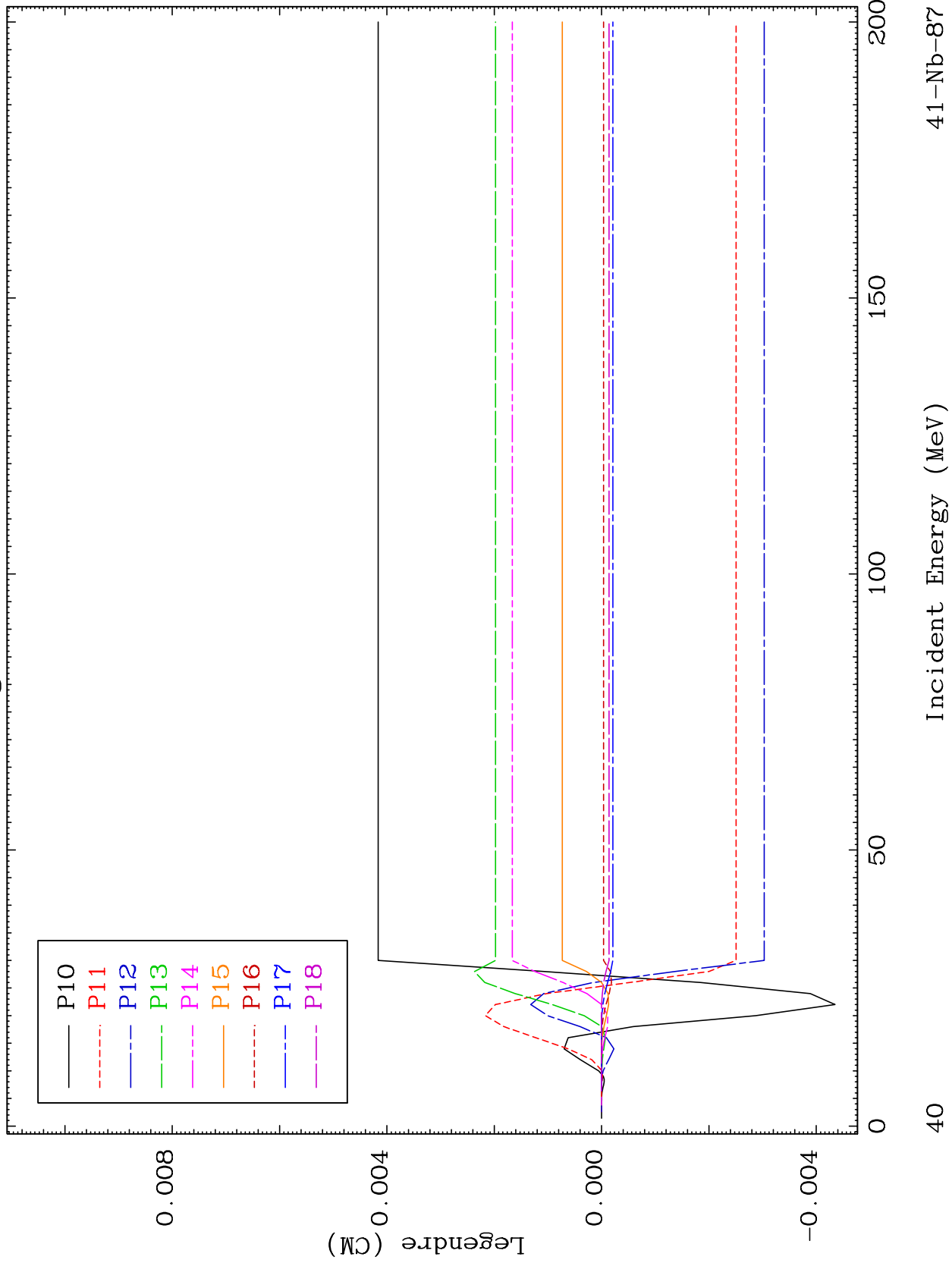
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



41-Nb-87

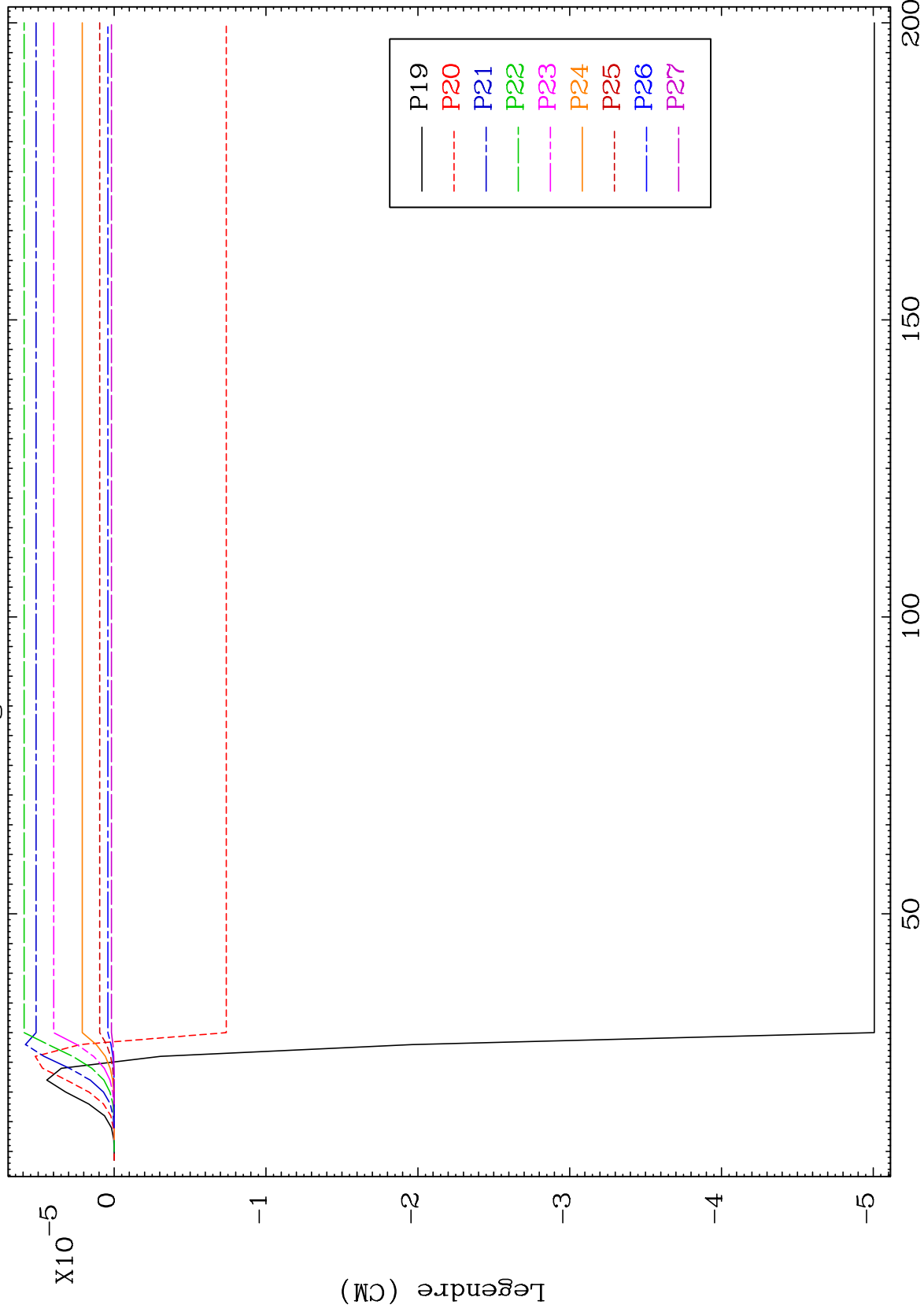
Incident Energy (MeV)

40

MAT 4107

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

41-Nb-87



41

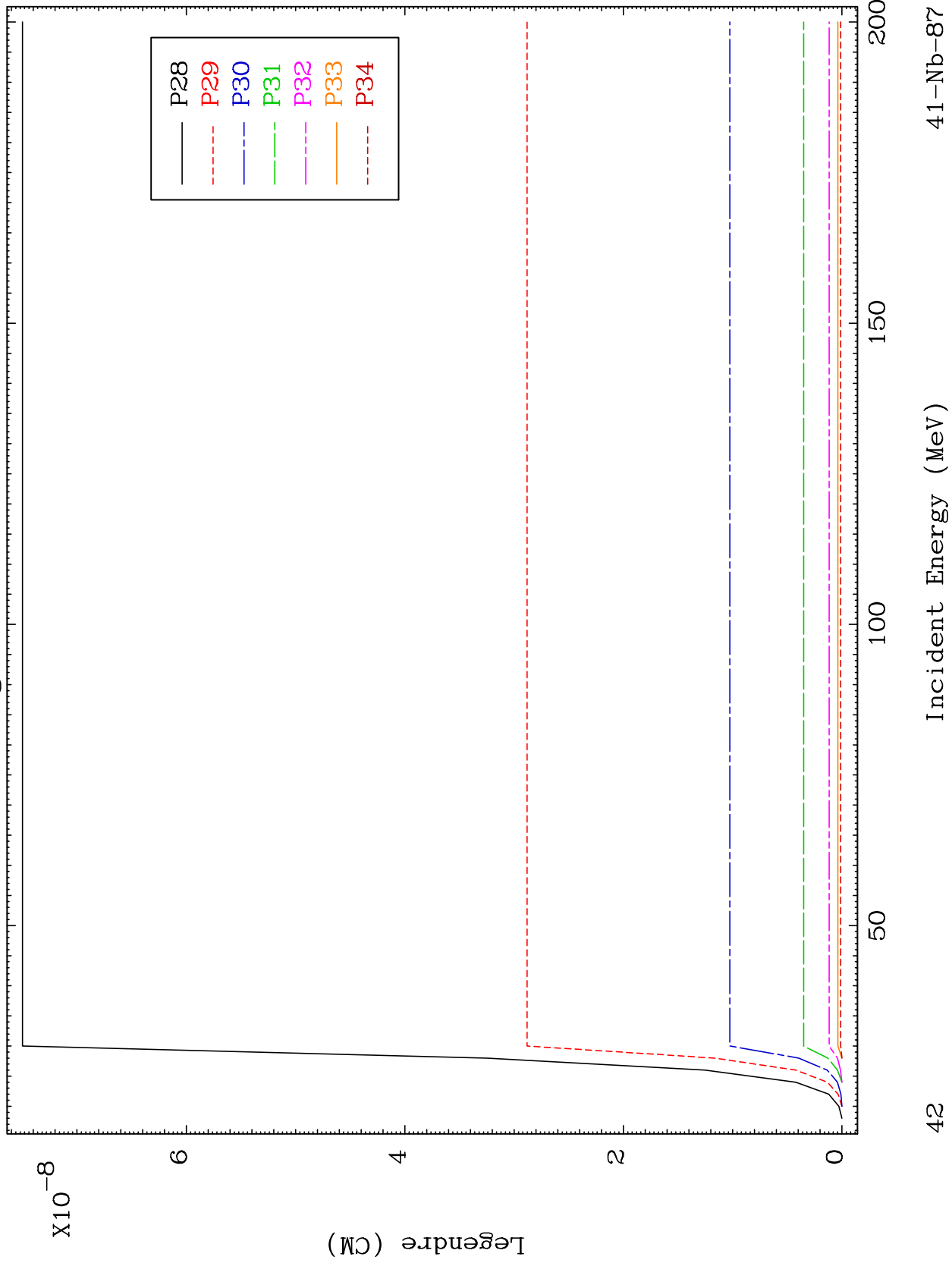
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

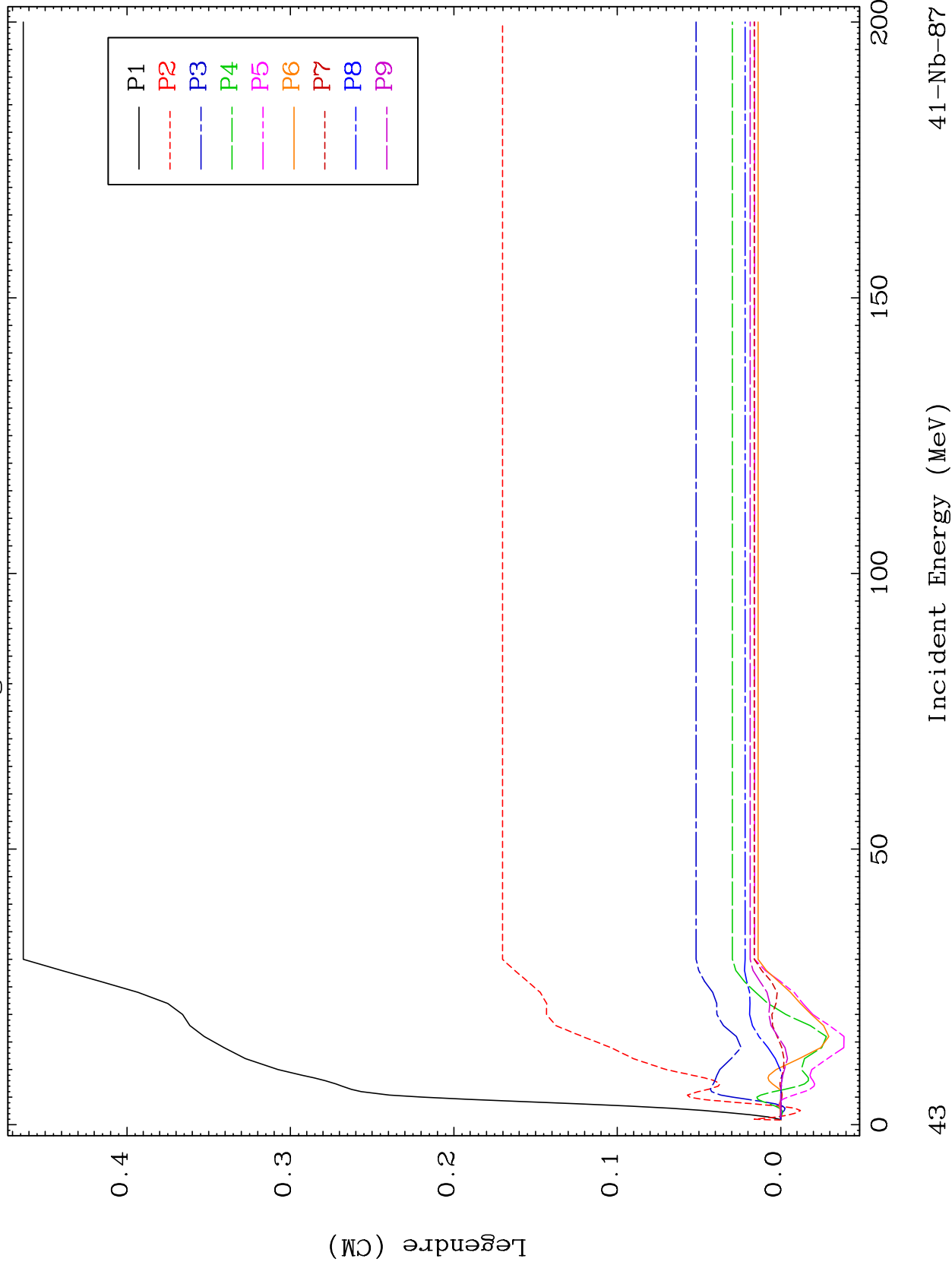
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MAT 4107

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

41-Nb-87



43

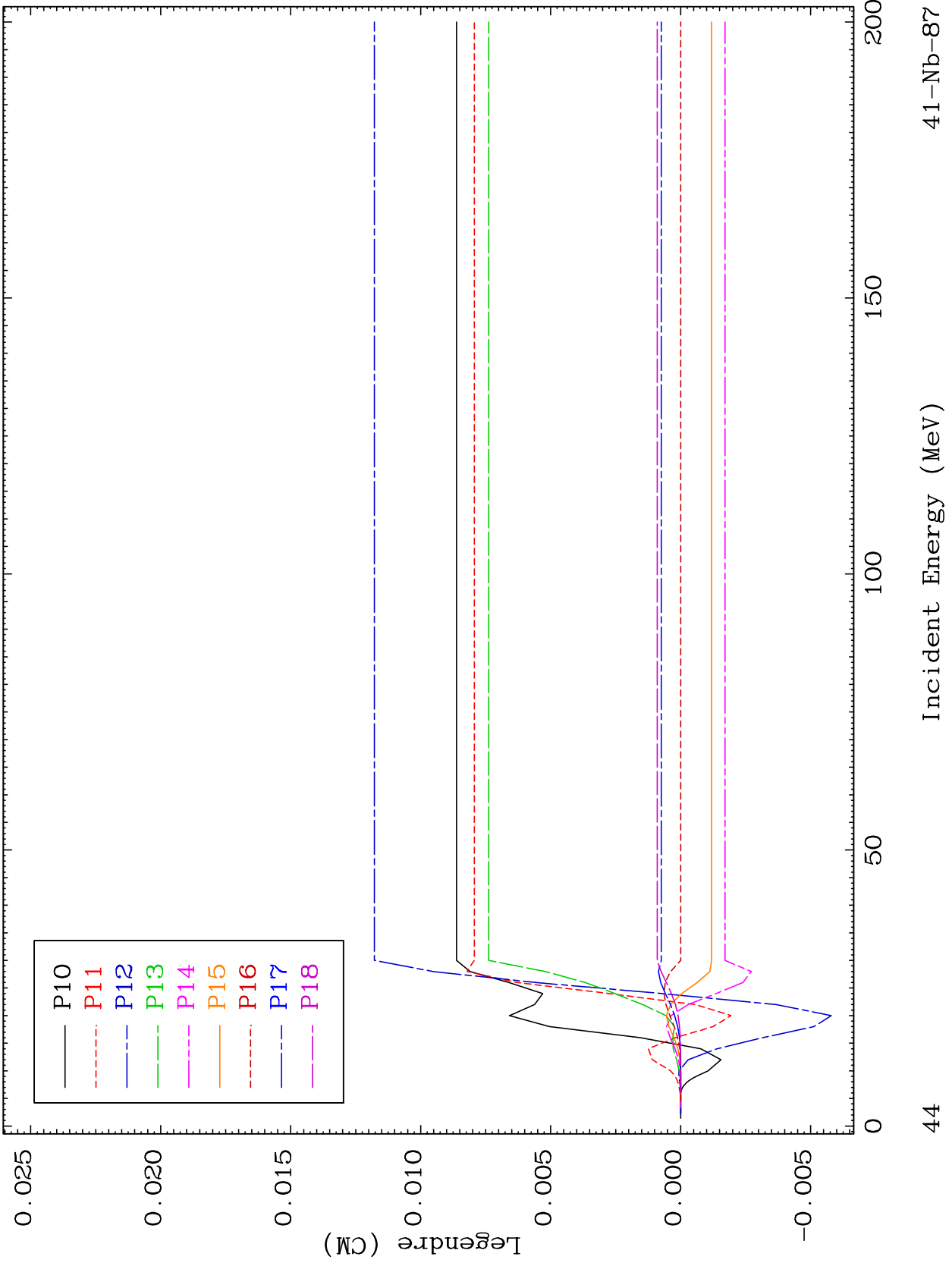
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



44

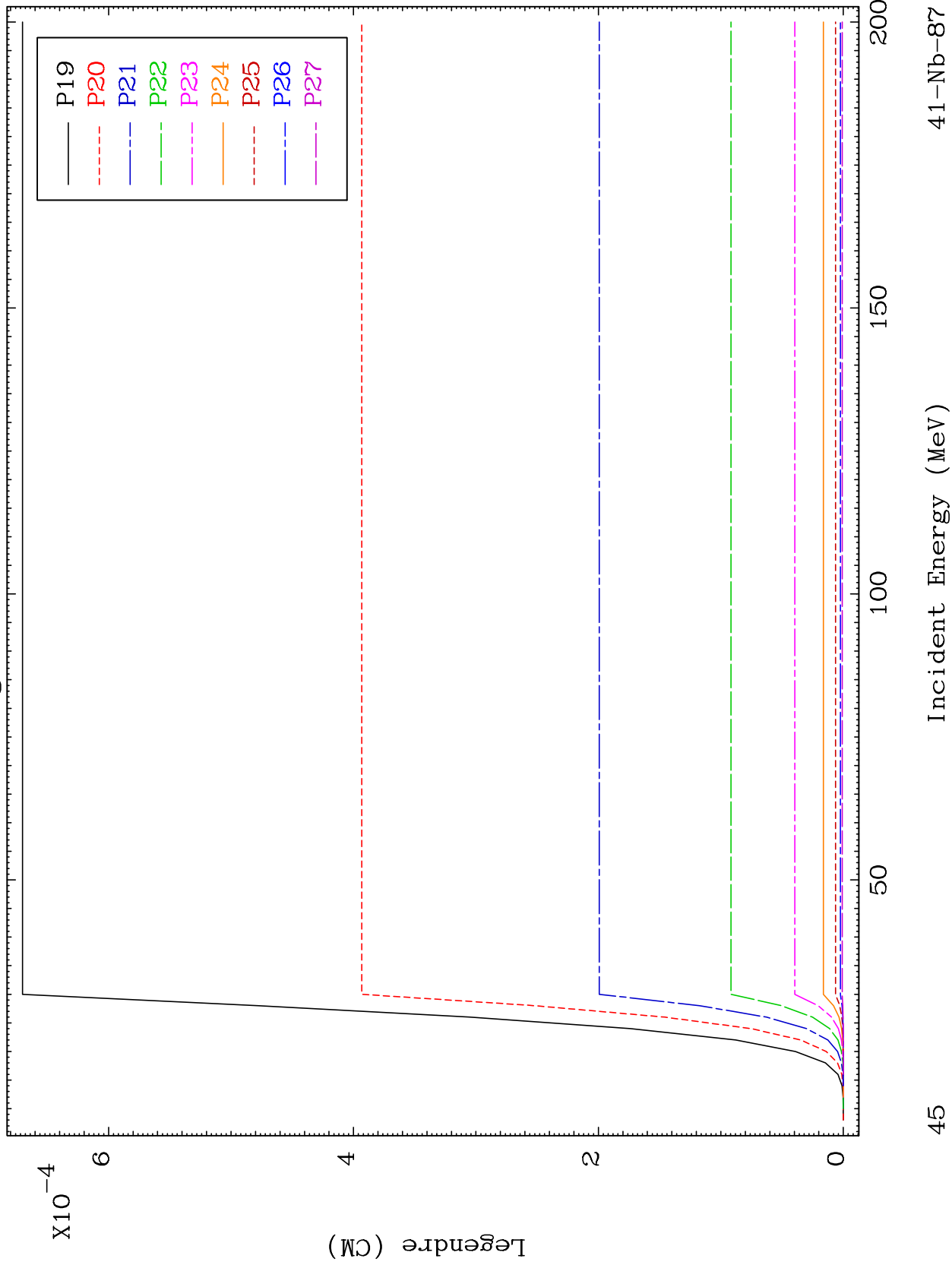
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

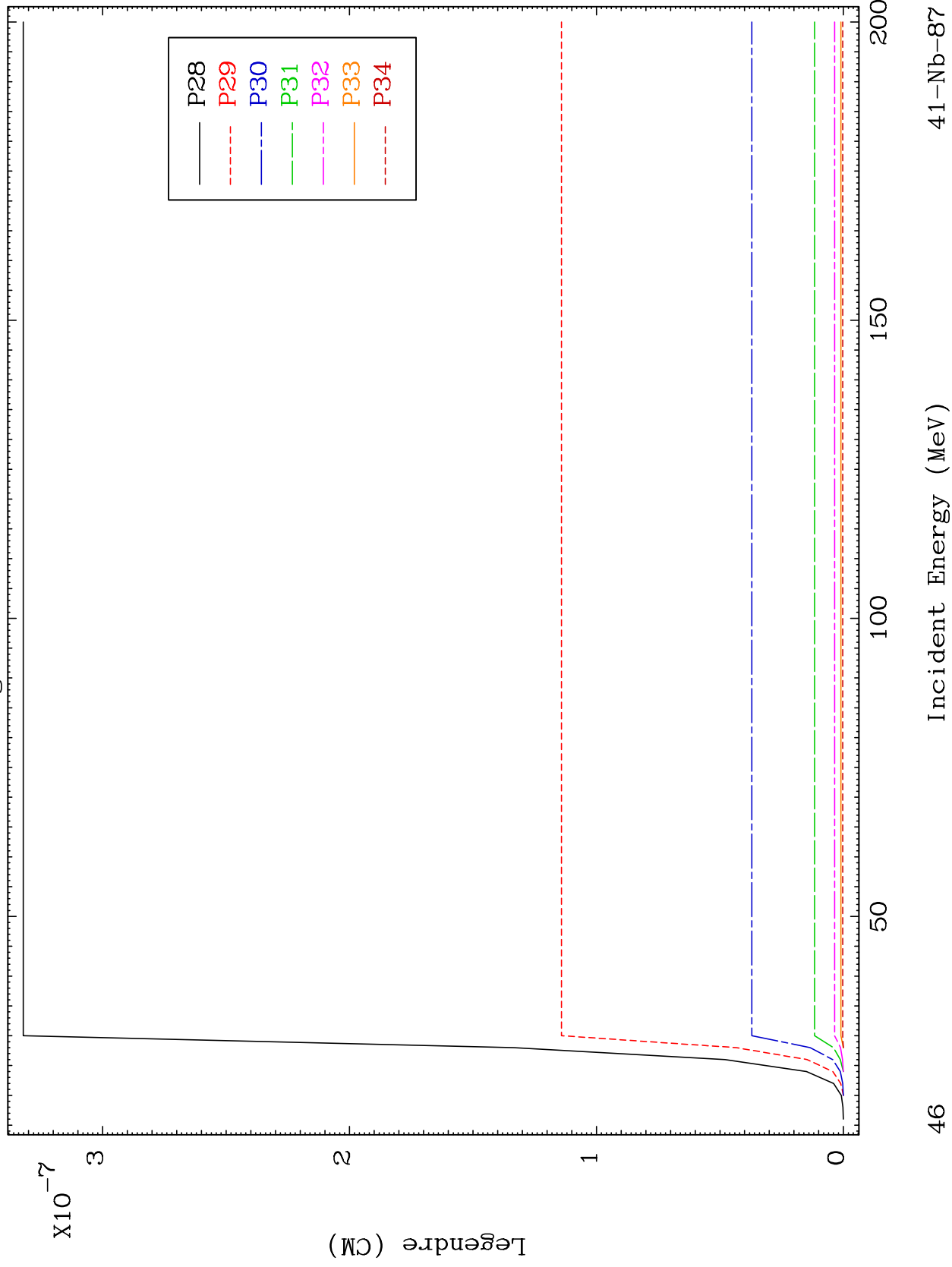
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MAT 4107

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

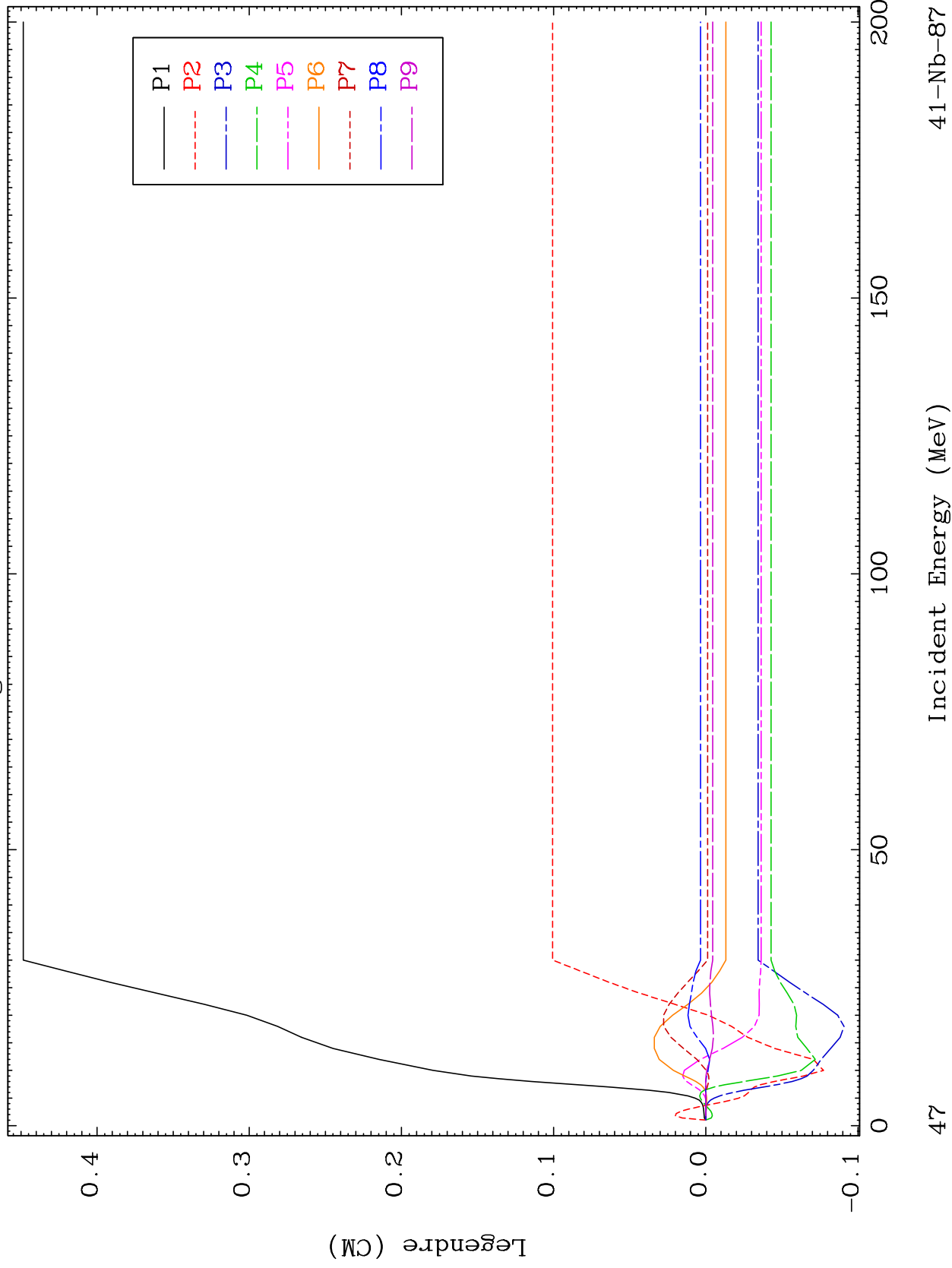
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MAT 4107

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

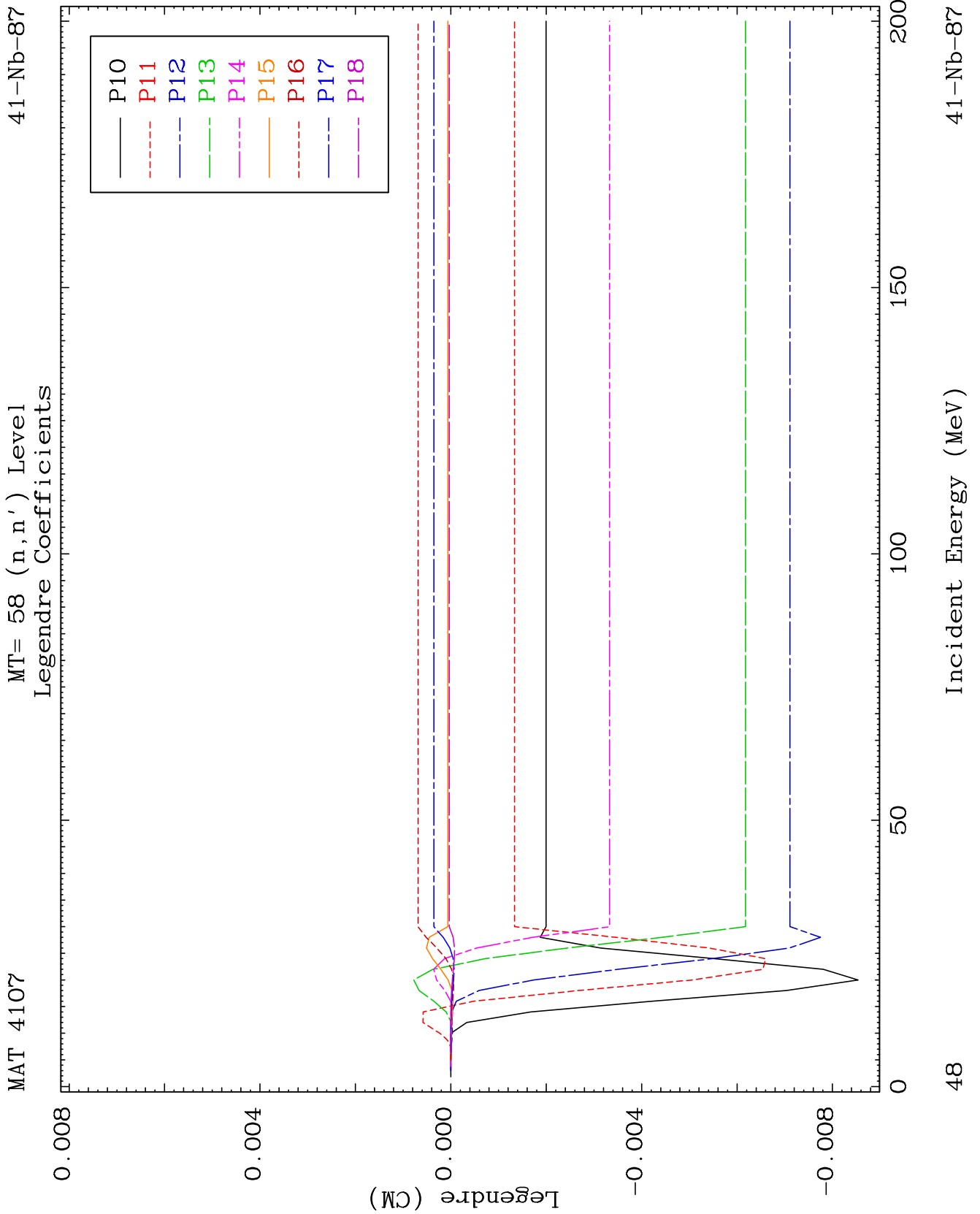
41-Nb-87



41-Nb-87

Incident Energy (MeV)

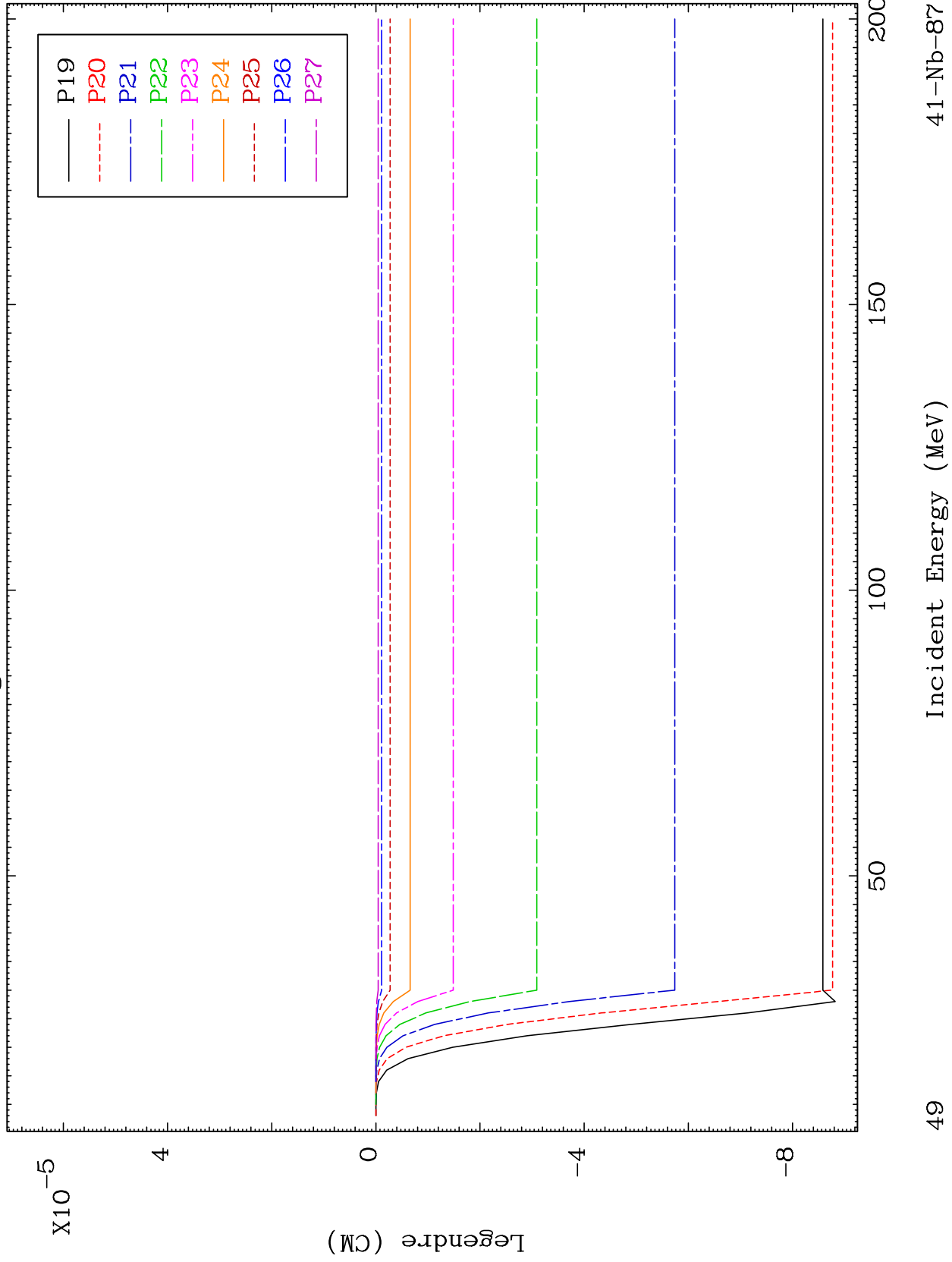
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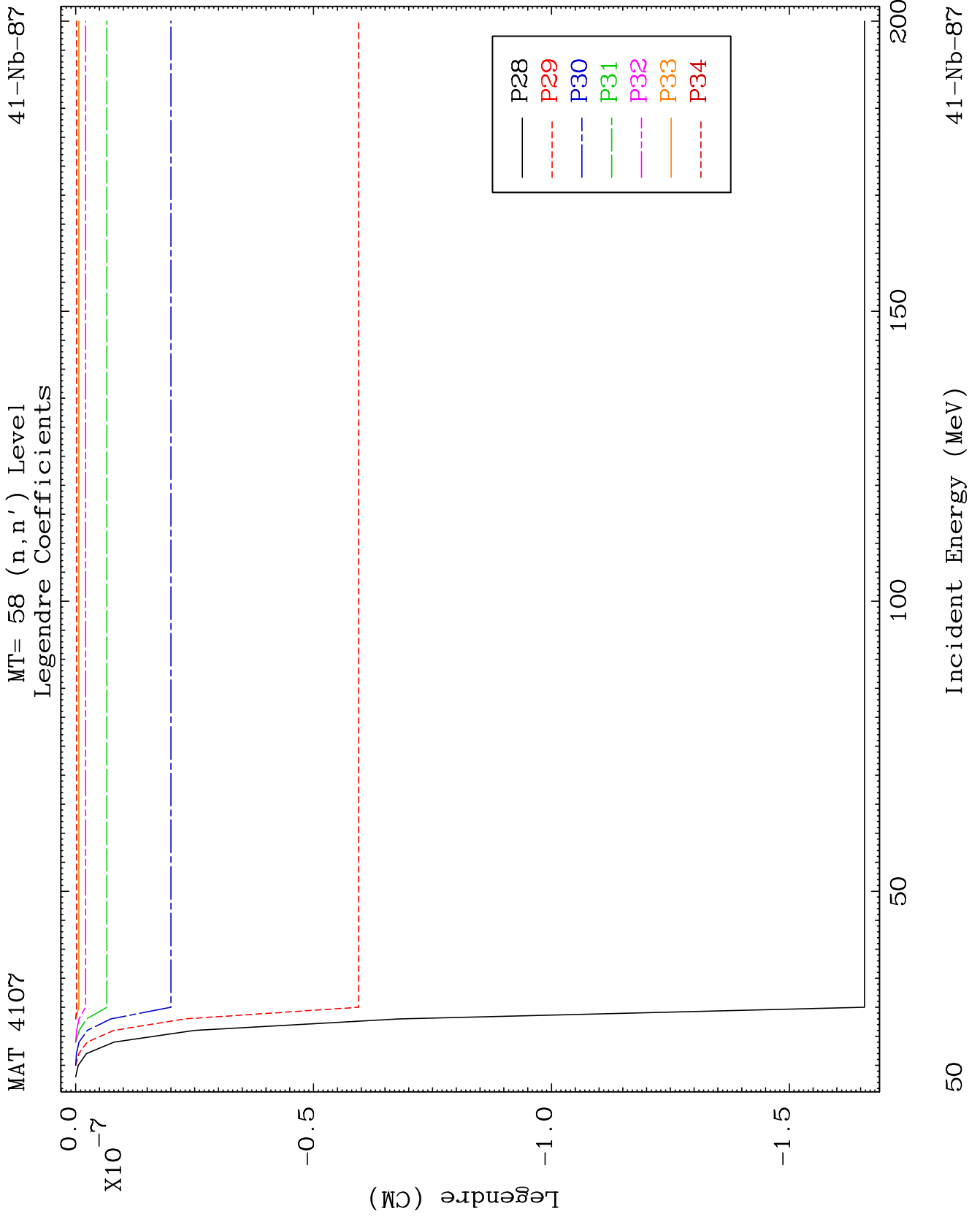


MAT 4107

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

41-Nb-87

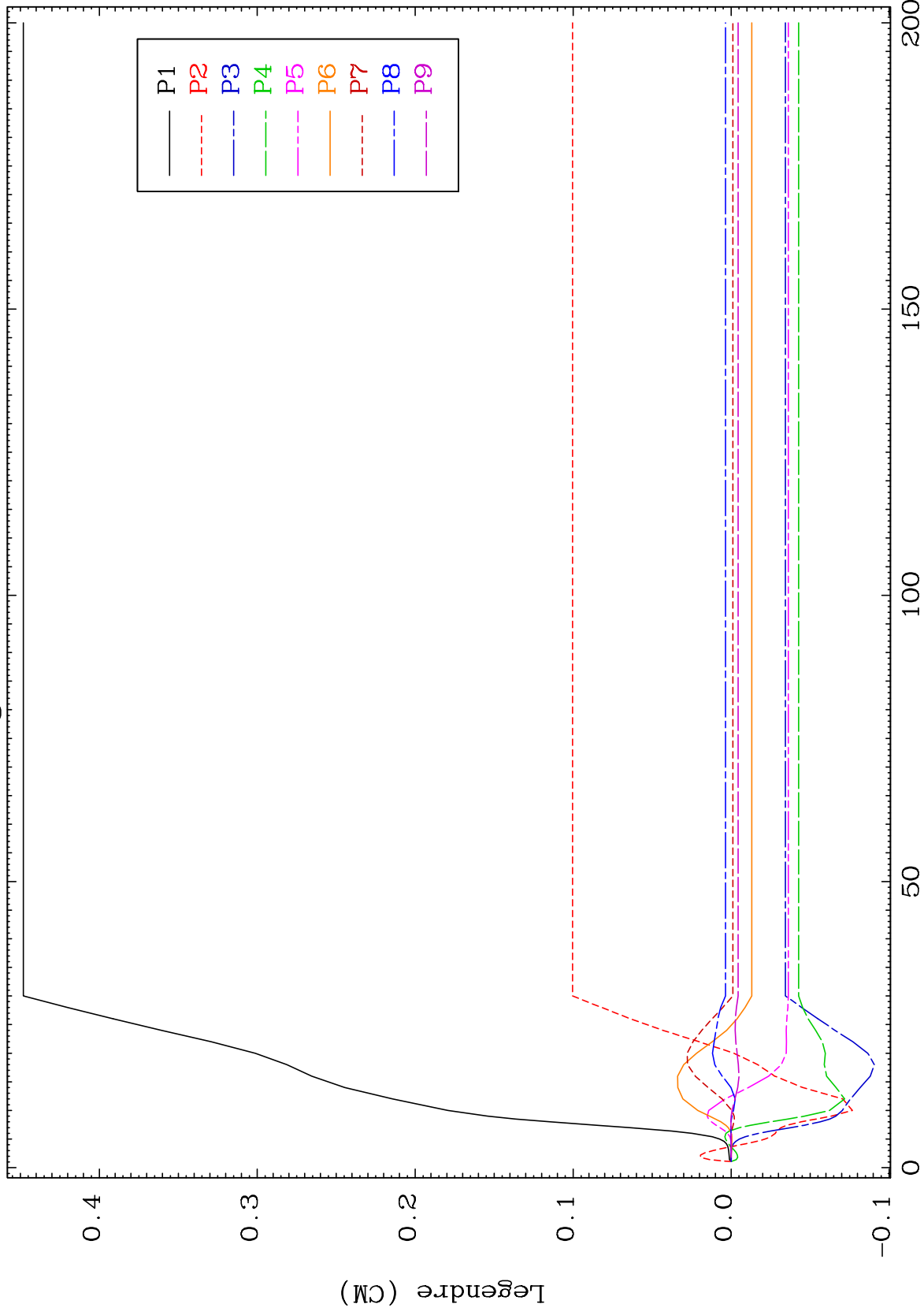




MAT 4107

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

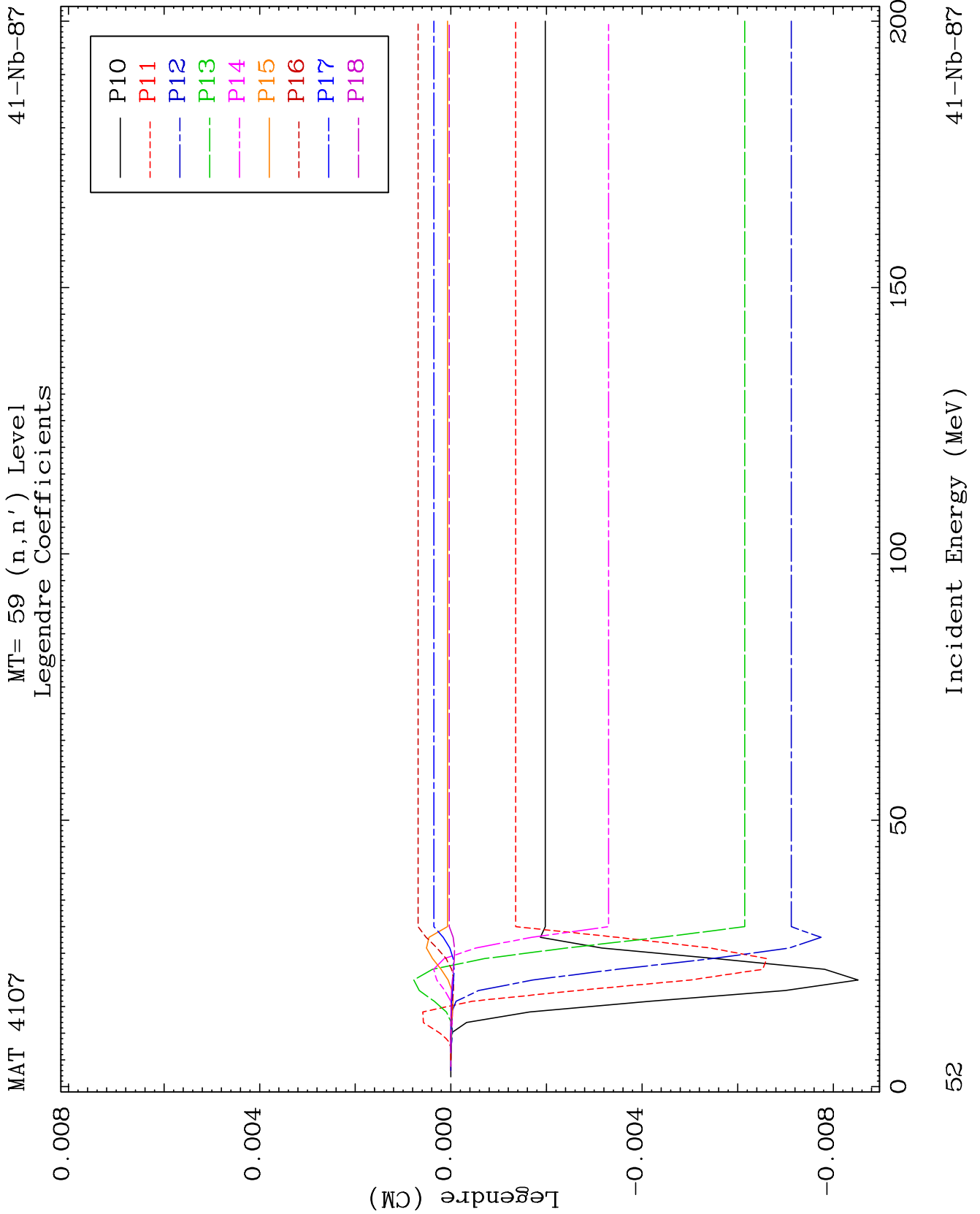
41-Nb-87



51

Incident Energy (MeV)

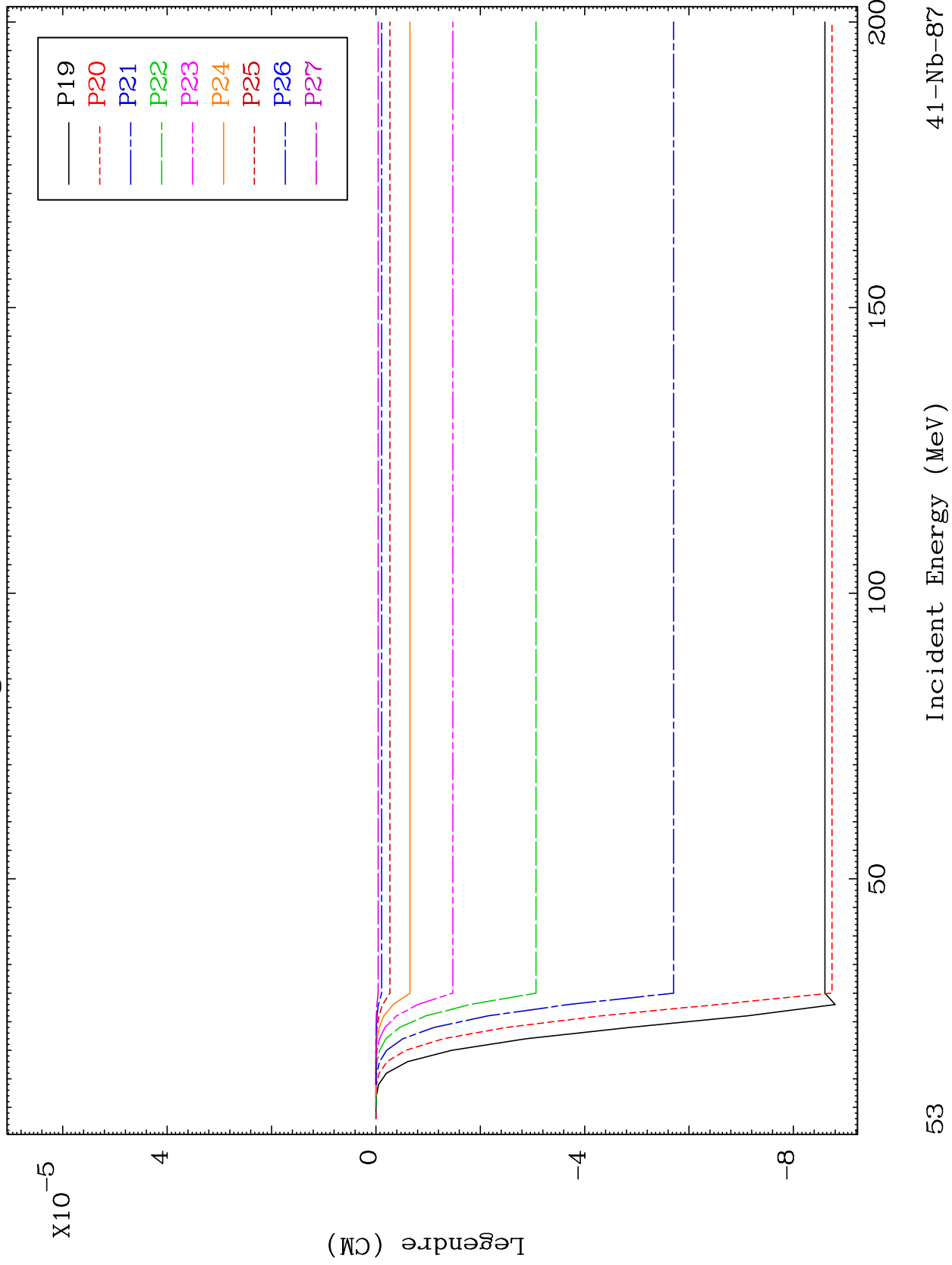
41-Nb-87



MAT 4107

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

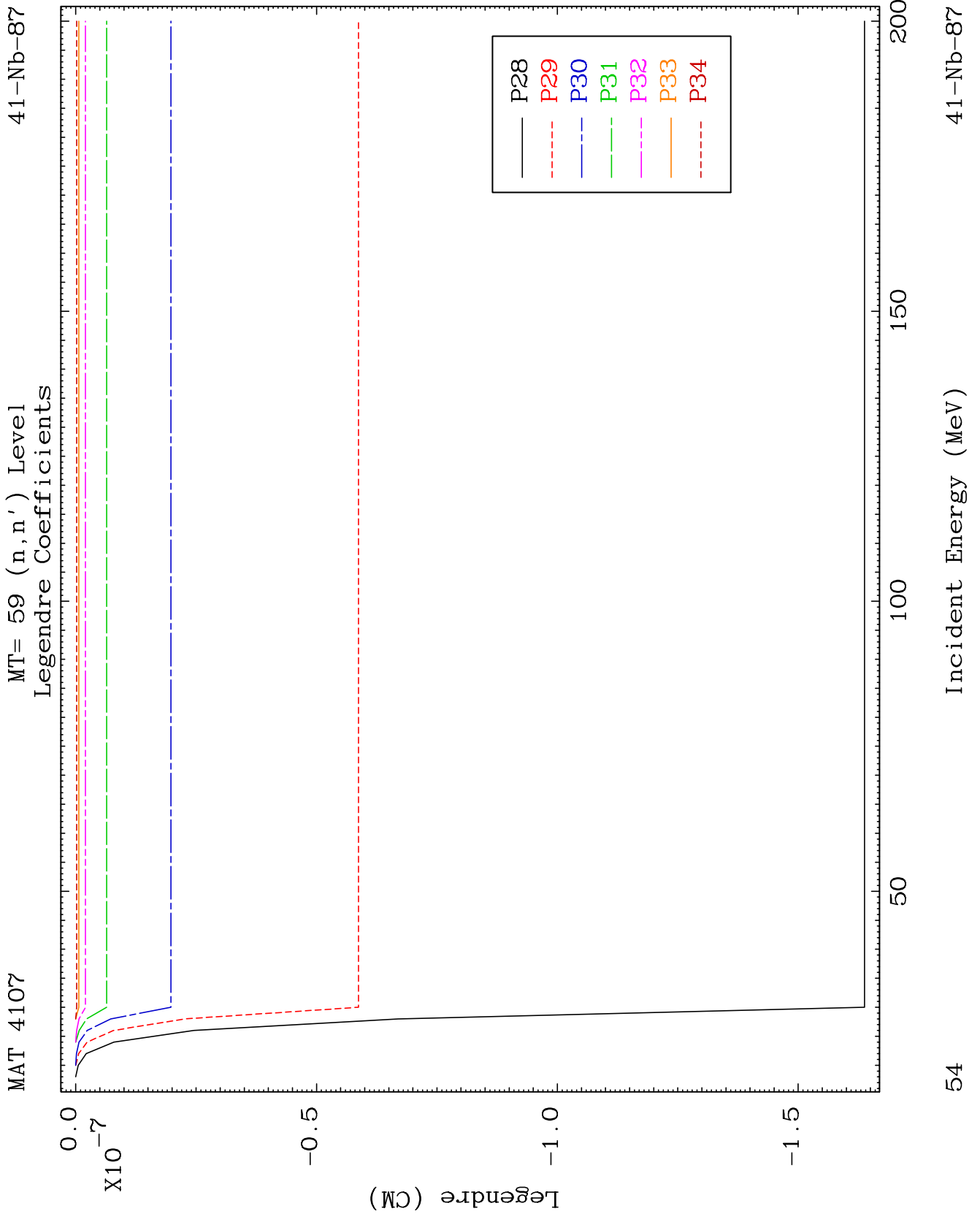
41-Nb-87



53

Incident Energy (MeV)

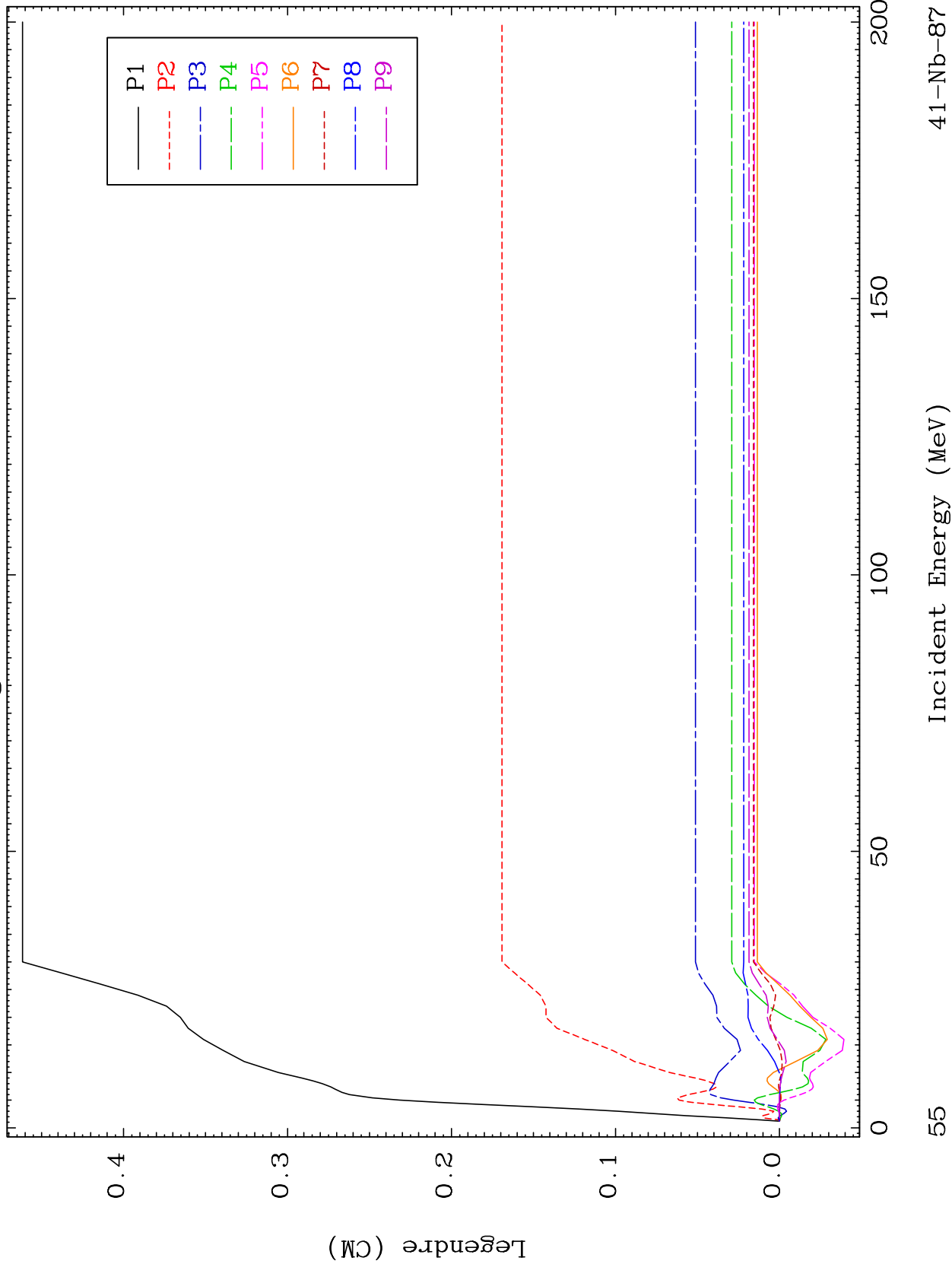
41-Nb-87



MAT 4107

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

41-Nb-87



41-Nb-87

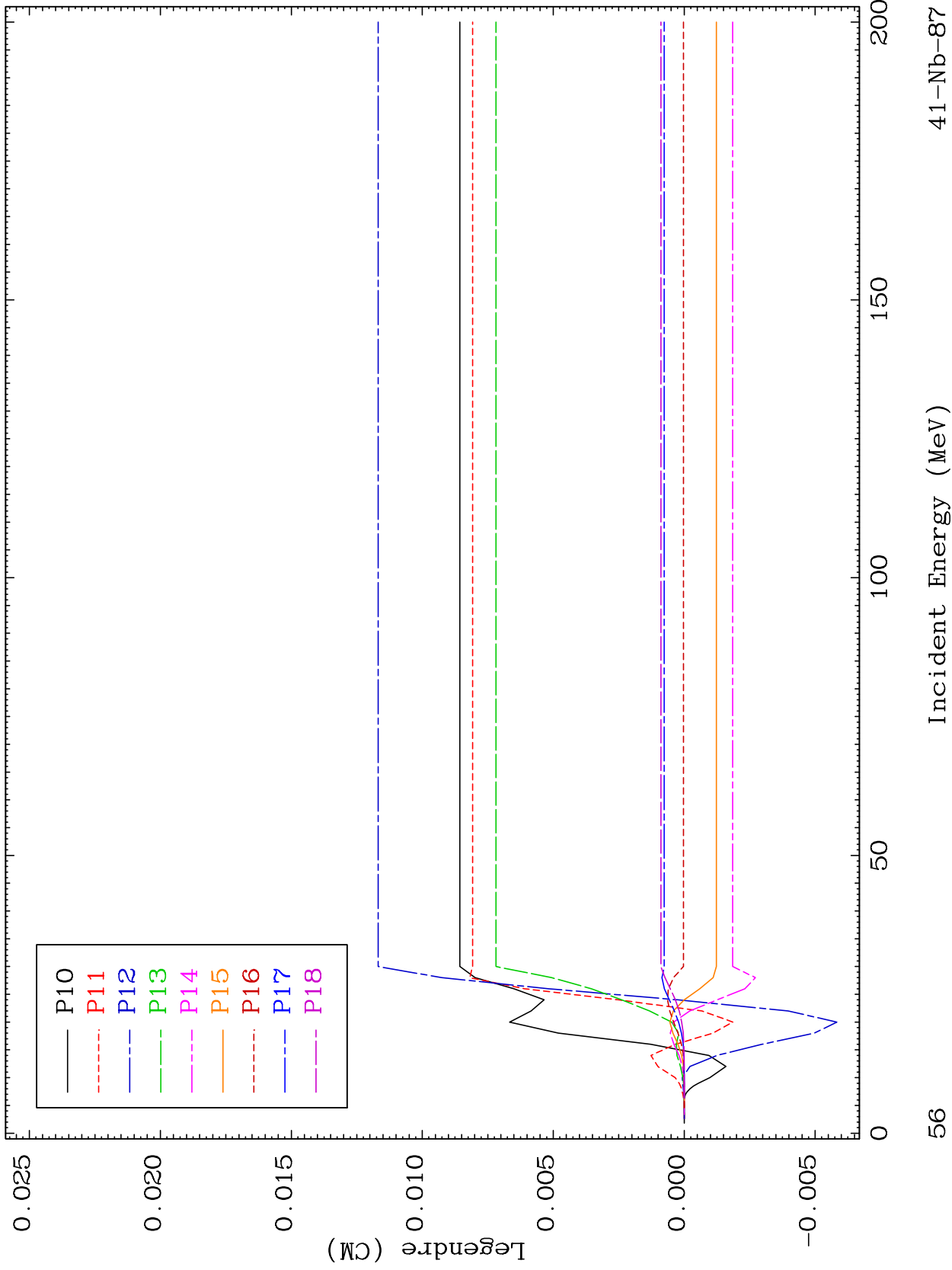
Incident Energy (MeV)

55

MAT 4107

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

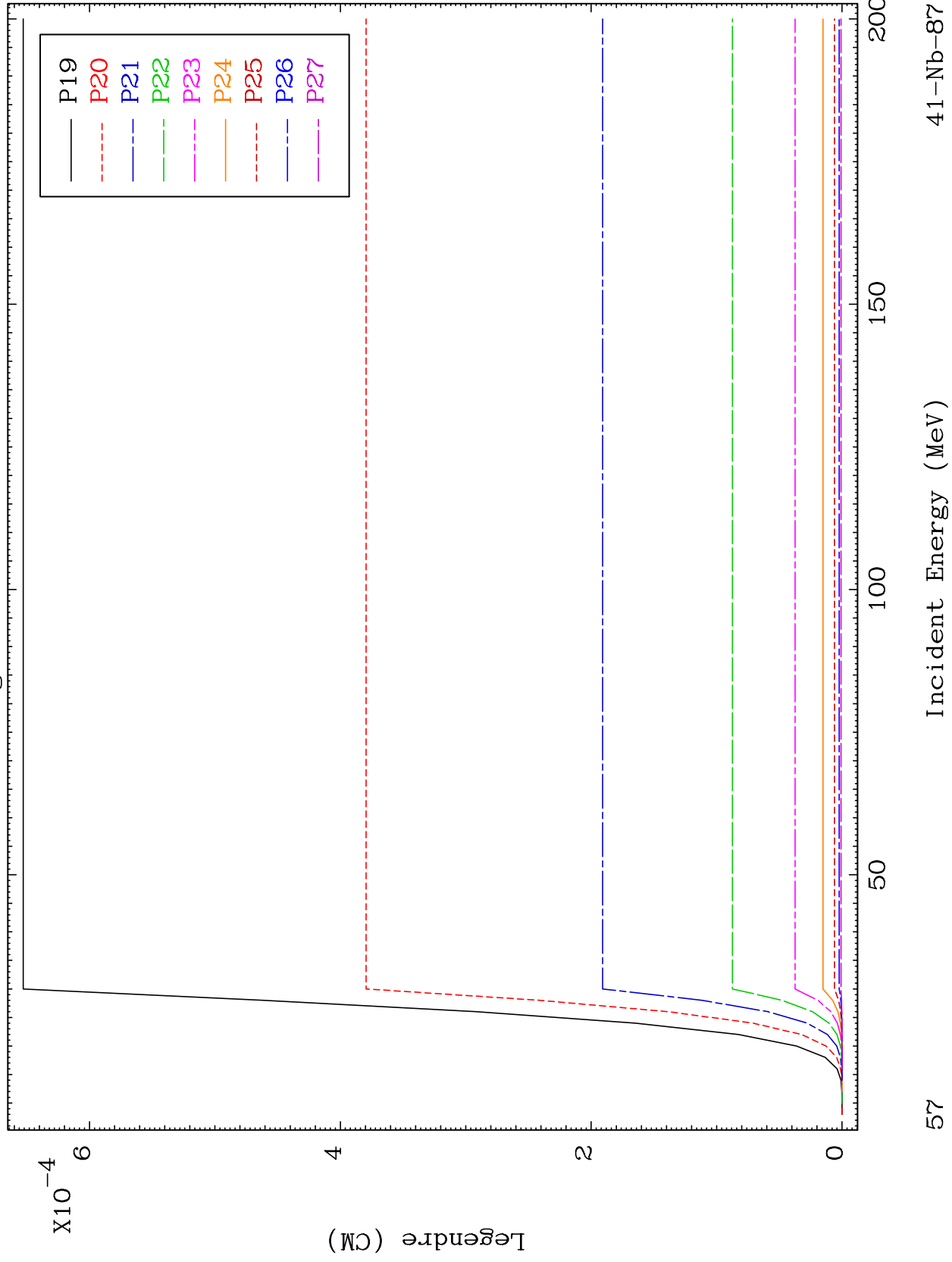
41-Nb-87



MAT 4107

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

41-Nb-87



57

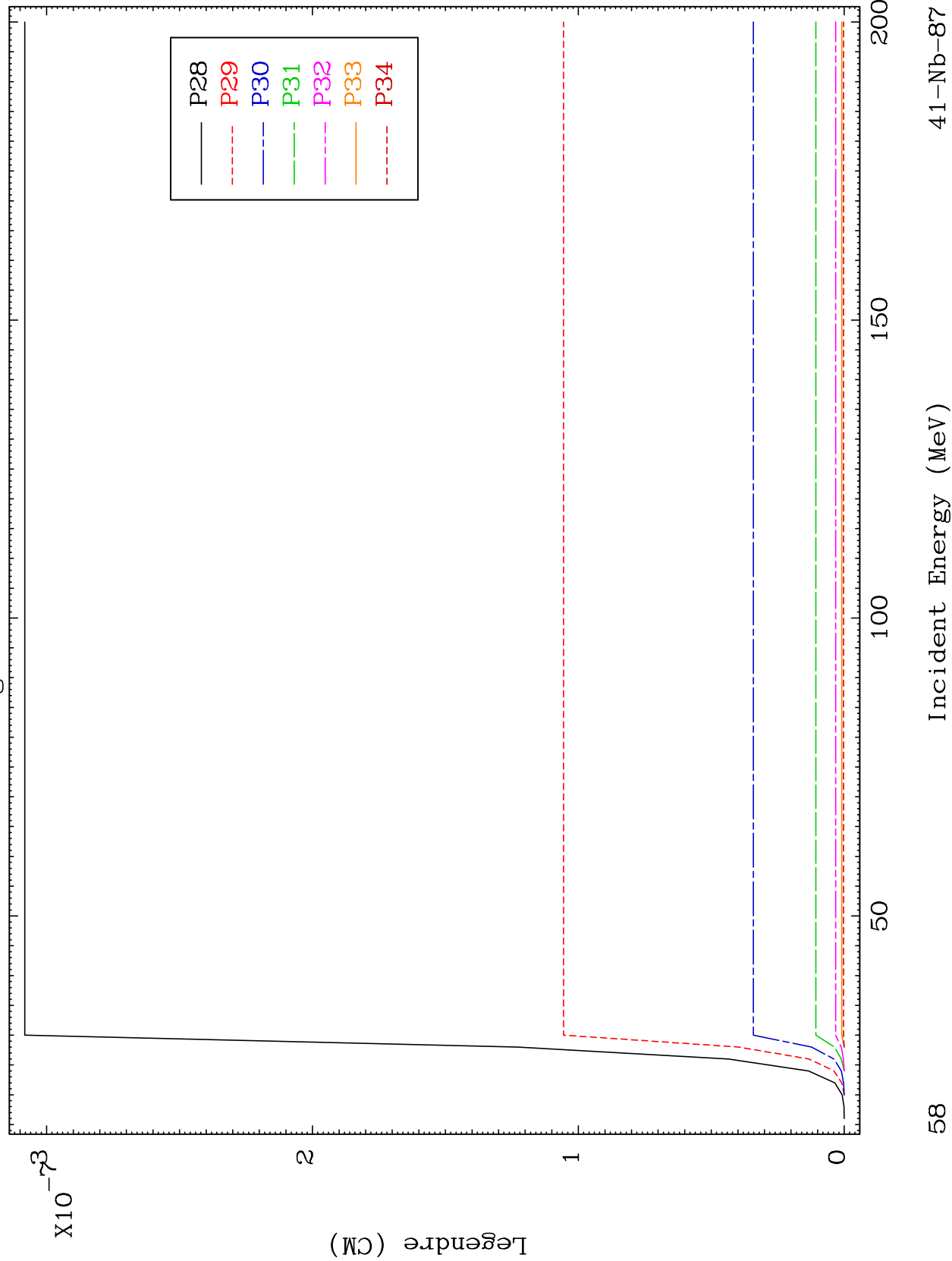
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



58

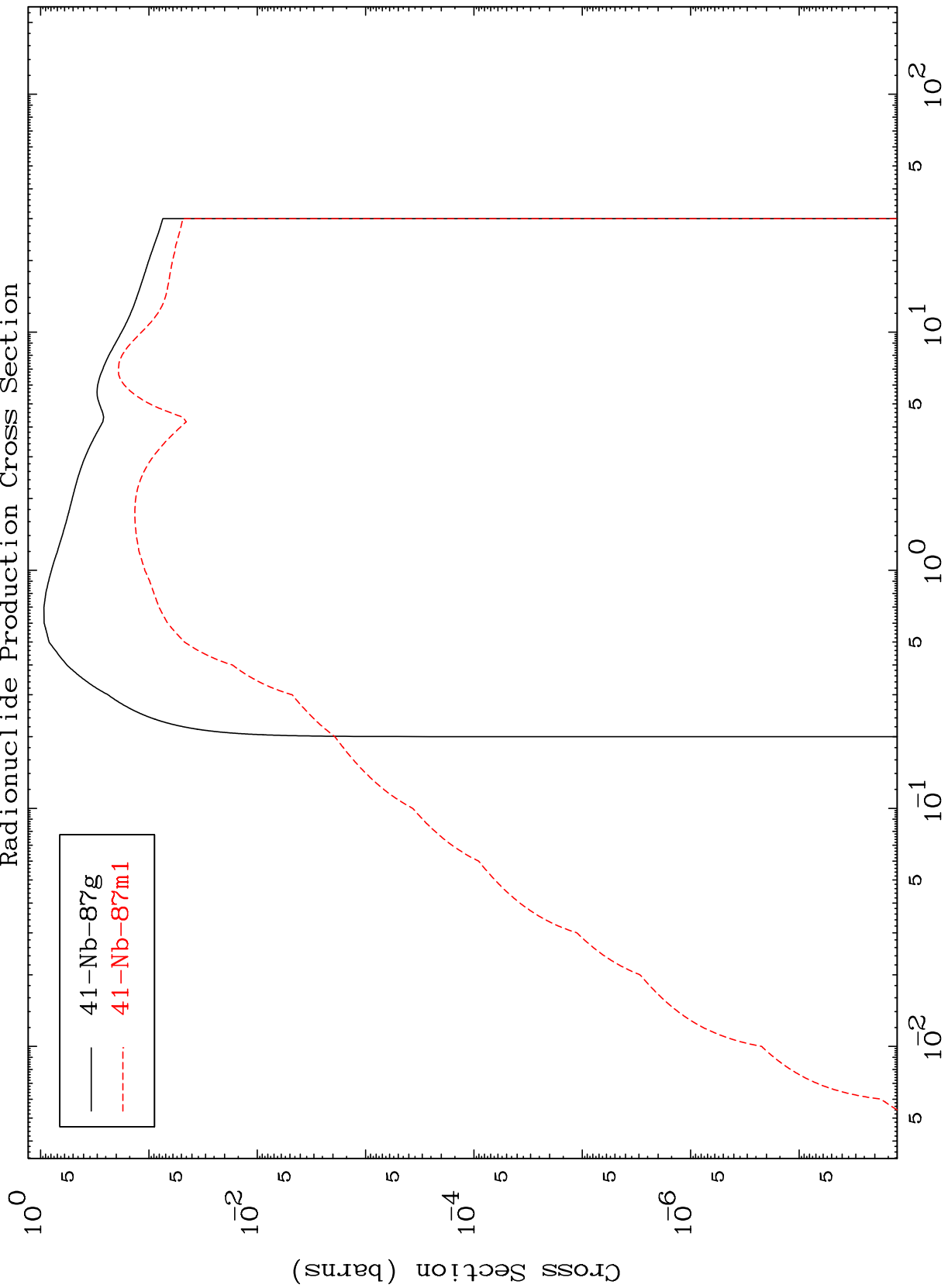
Incident Energy (MeV)

41-Nb-87

MAT 4107

41-Nb-87

Inelastic
Radionuclide Production Cross Section



— 41-Nb-87g
- - - 41-Nb-87m1

59

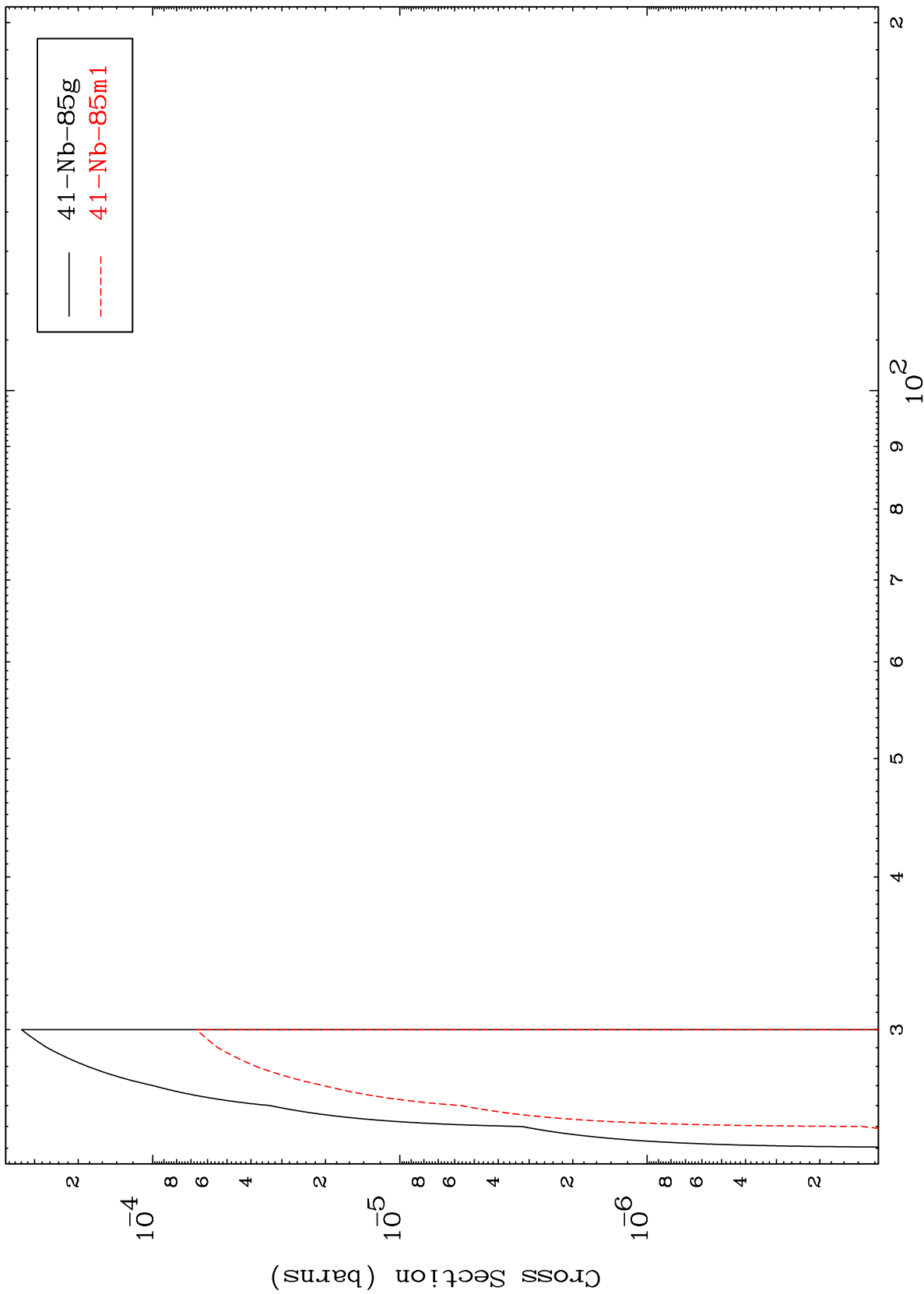
Incident Energy (MeV)

41-Nb-87

MAT 4107

41-Nb-87

(n,3n)
Radionuclide Production Cross Section



60

41-Nb-87

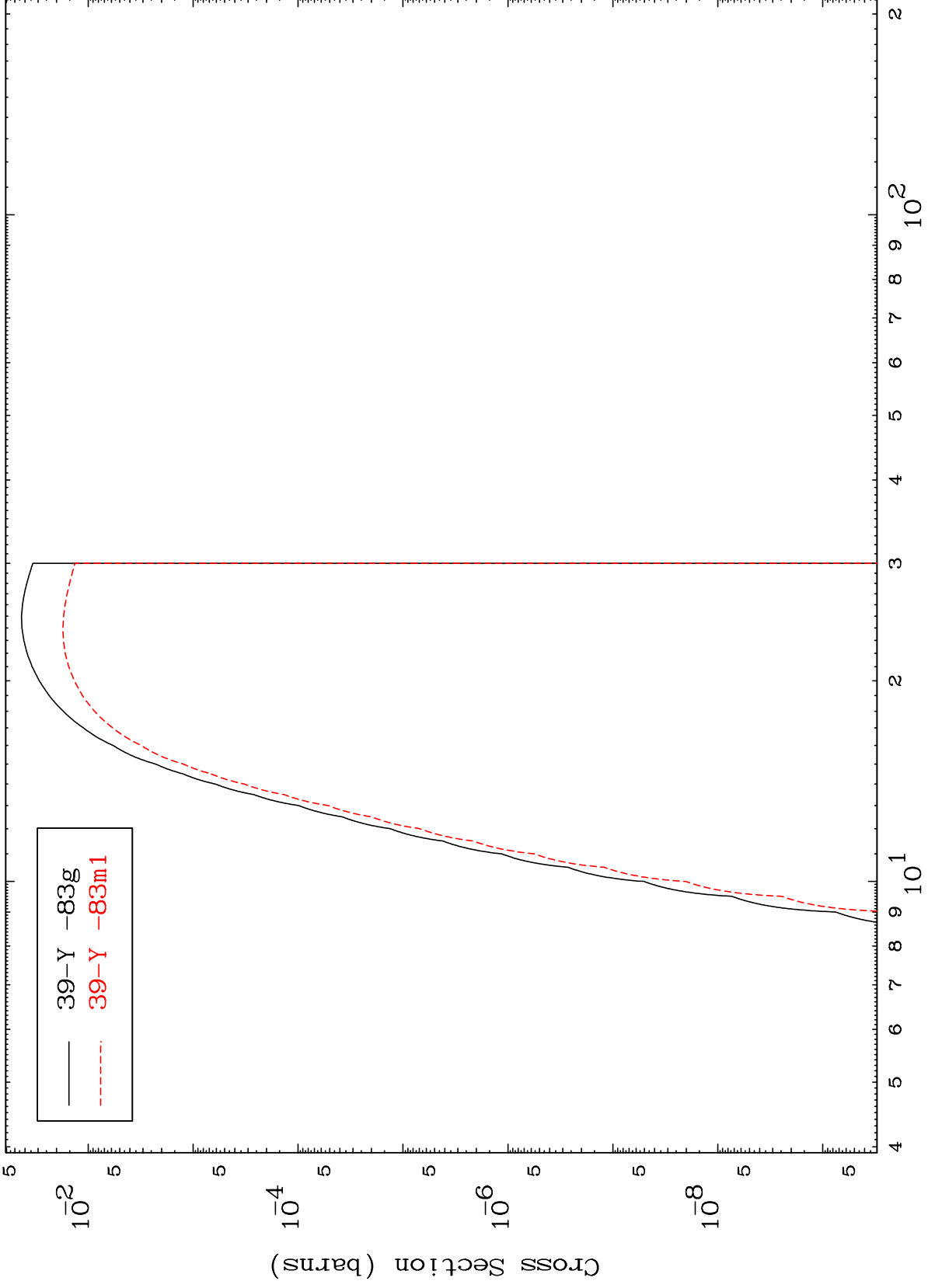
Incident Energy (MeV)

MAT 4107

$(n, n') \alpha$

41-Nb-87

Radionuclide Production Cross Section



61

Incident Energy (MeV)

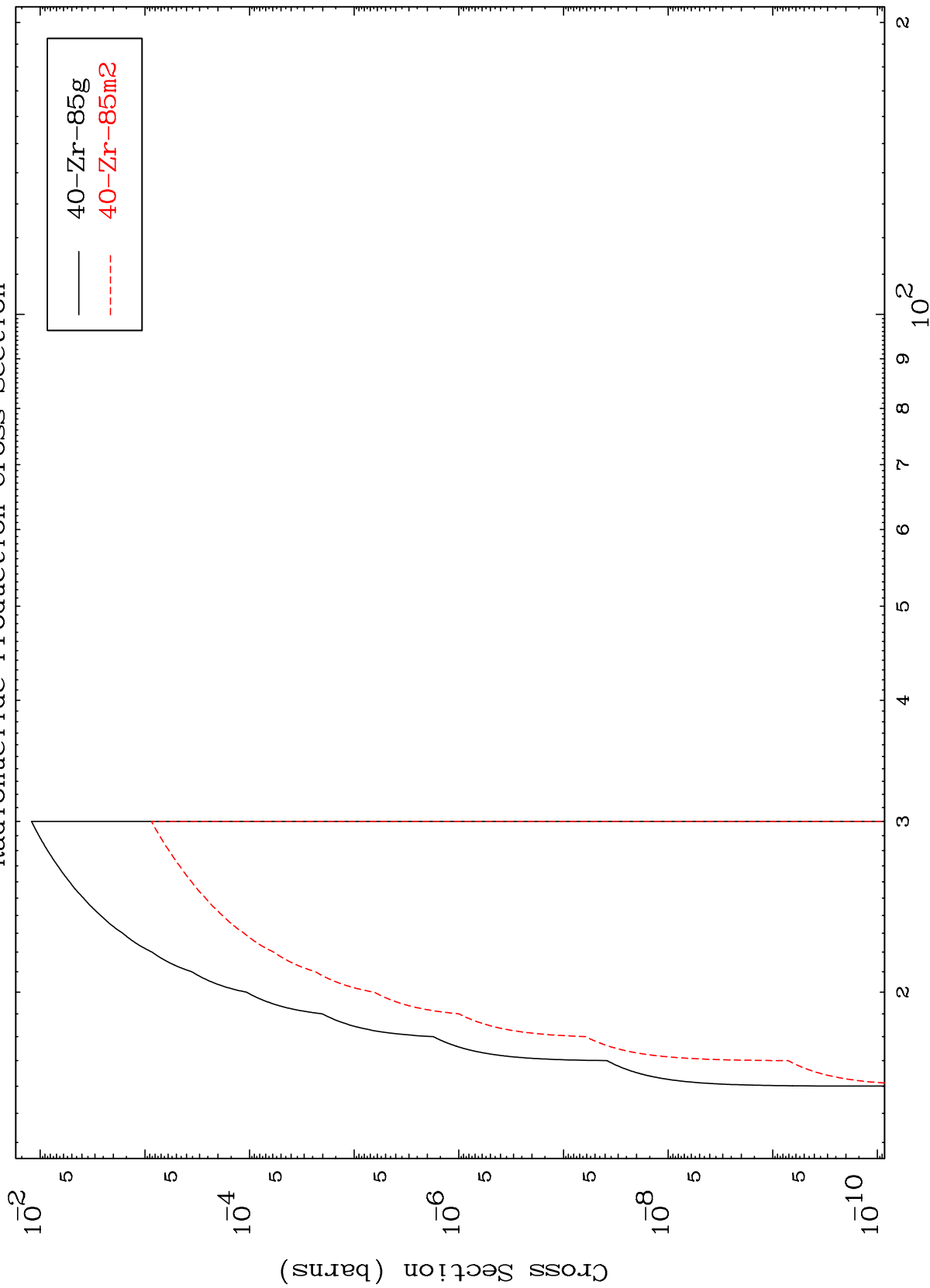
41-Nb-87

MAT 4107

(n,n') d

41-Nb-87

Radionuclide Production Cross Section

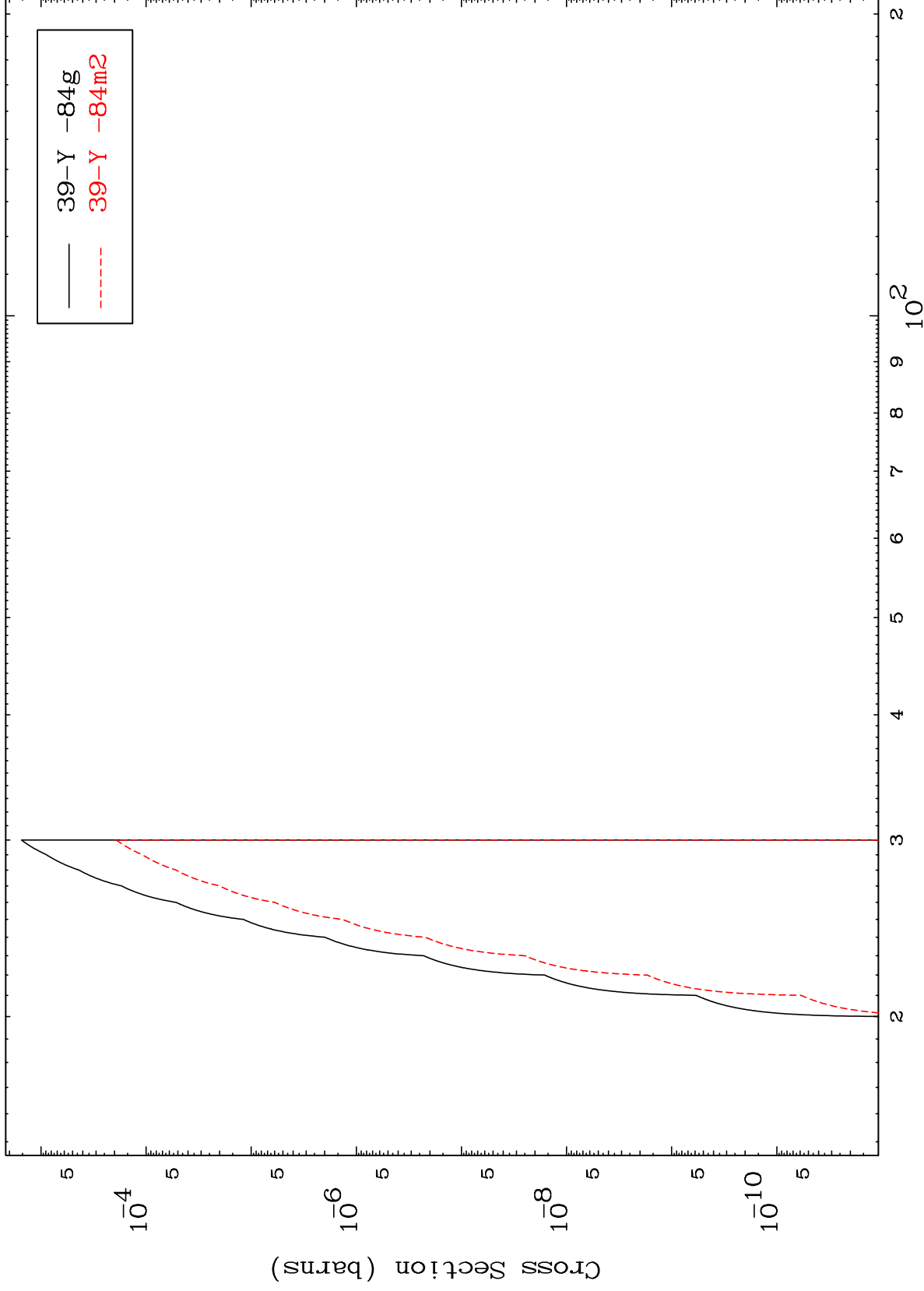


62

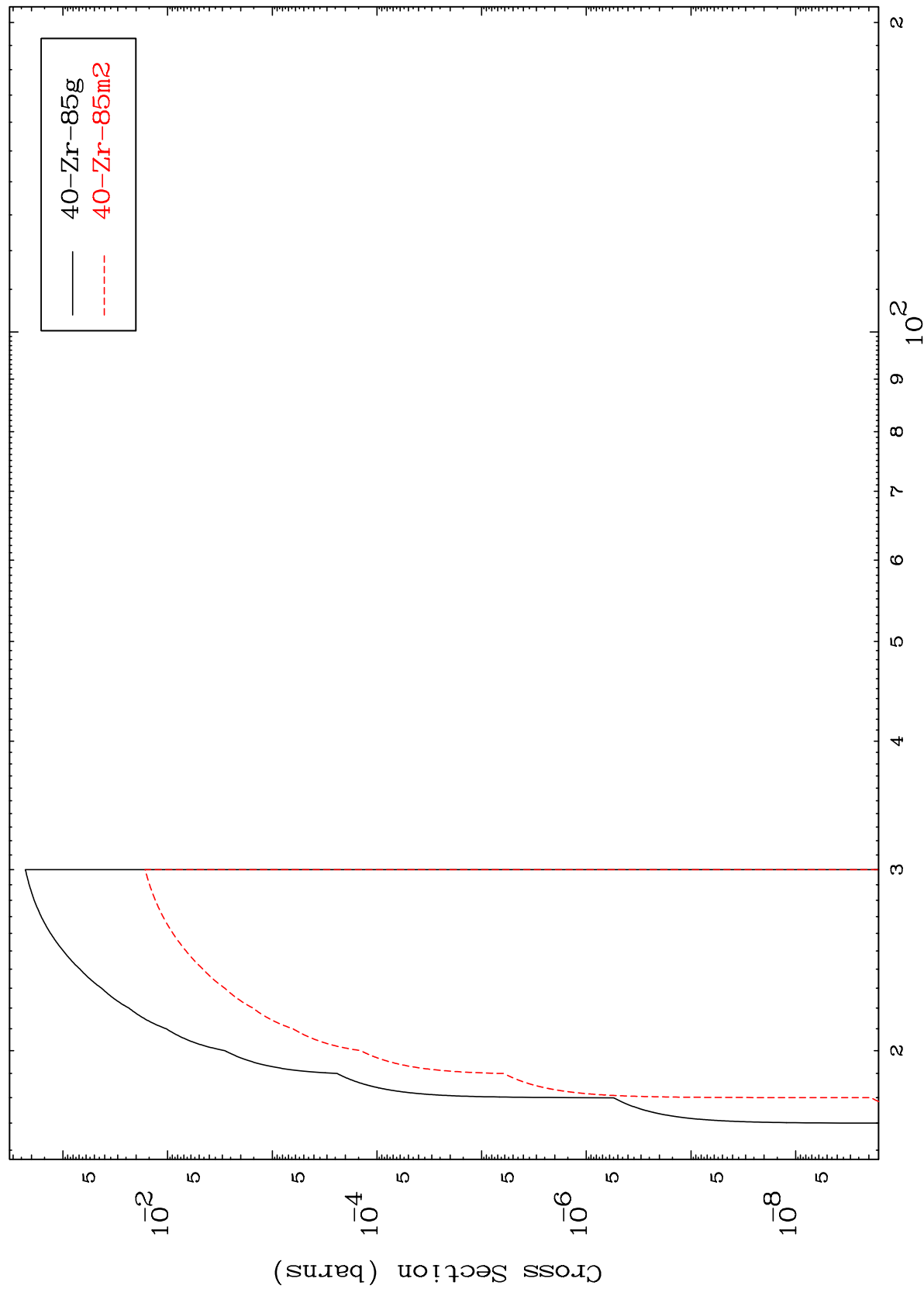
Incident Energy (MeV)

41-Nb-87

Radionuclide Production Cross Section



Radionuclide Production Cross Section



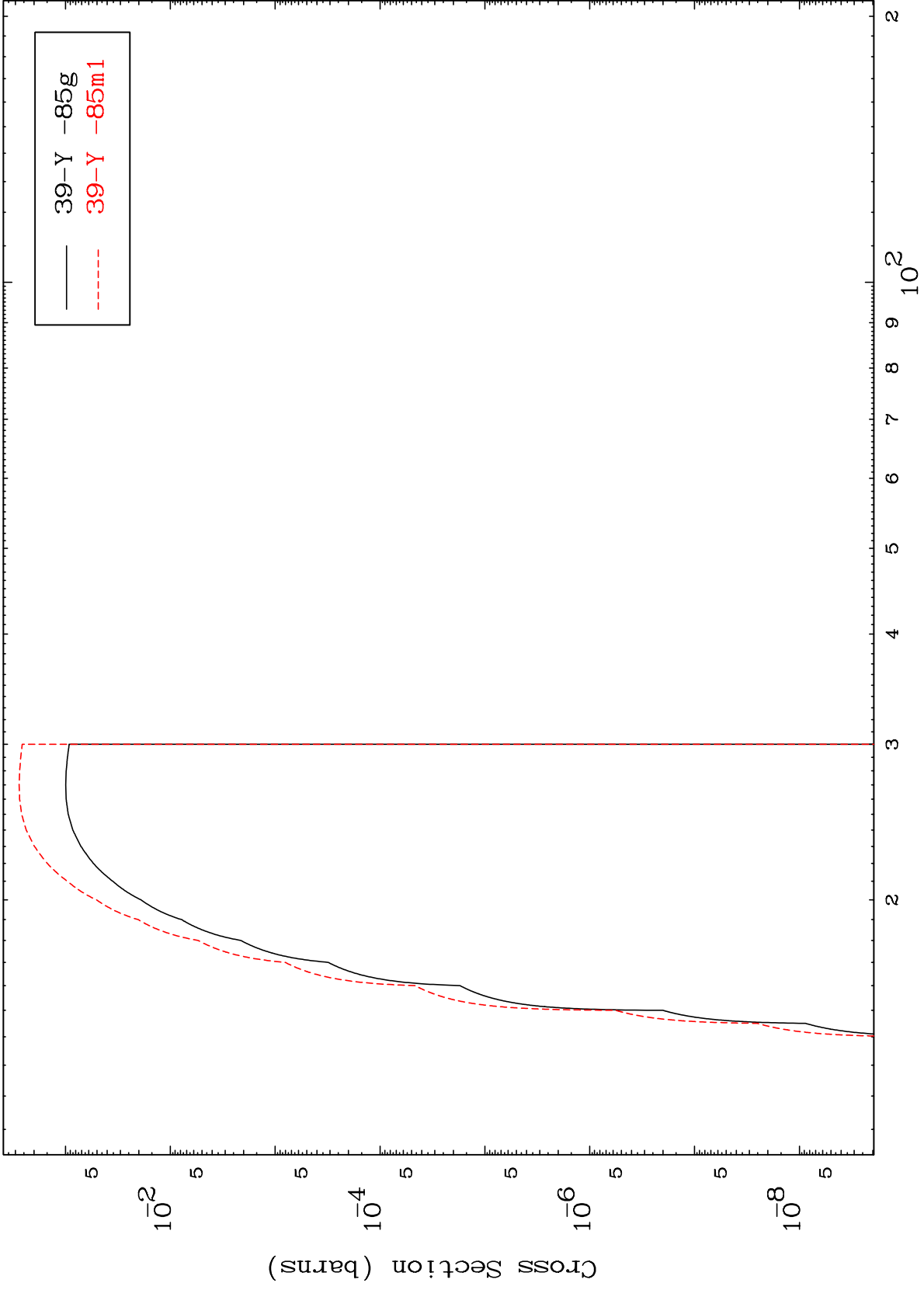
40-Zr-85g
40-Zr-85m2

MAT 4107

(n,2n) p

41-Nb-87

Radionuclide Production Cross Section



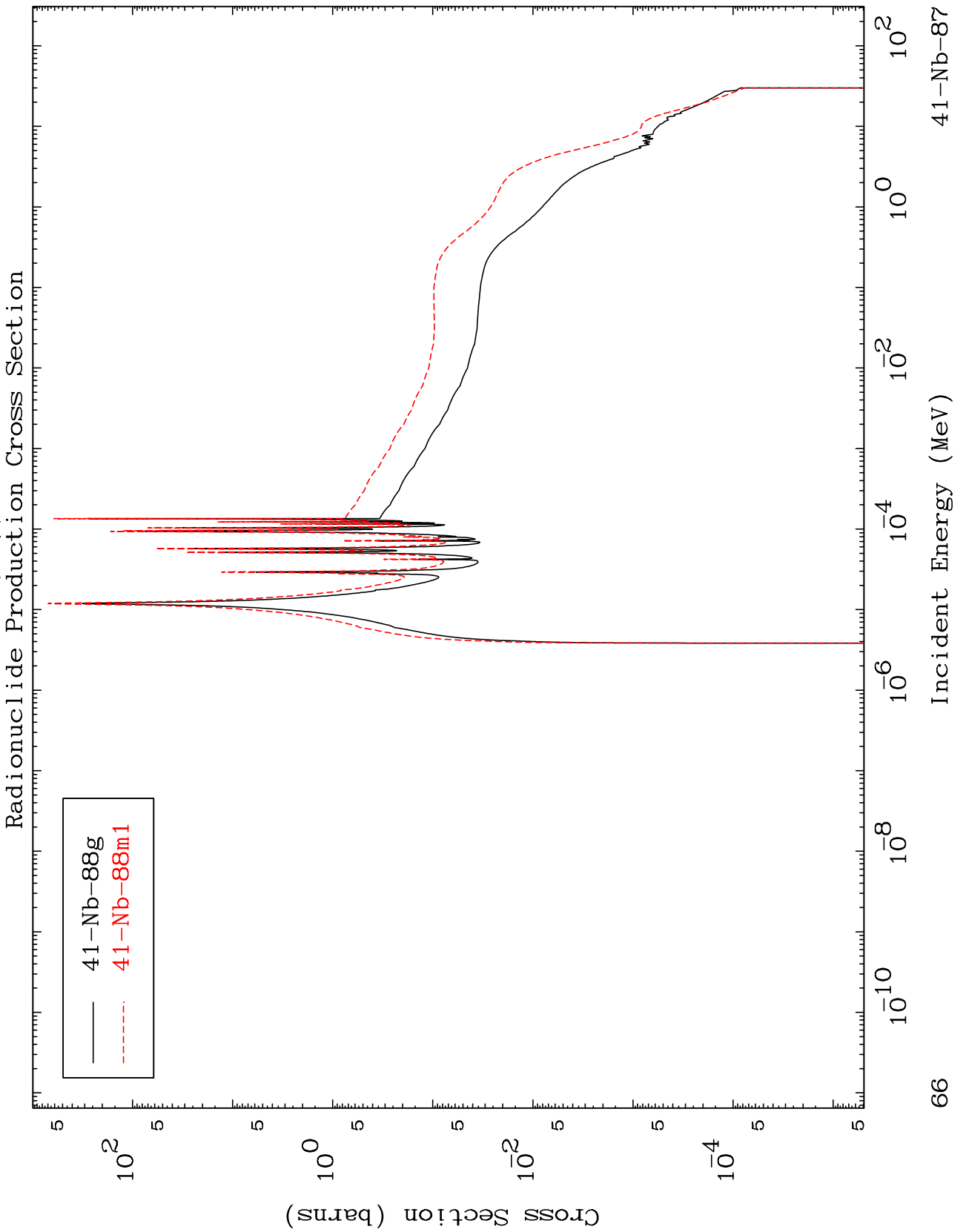
65

Incident Energy (MeV)

41-Nb-87

MAT 4107

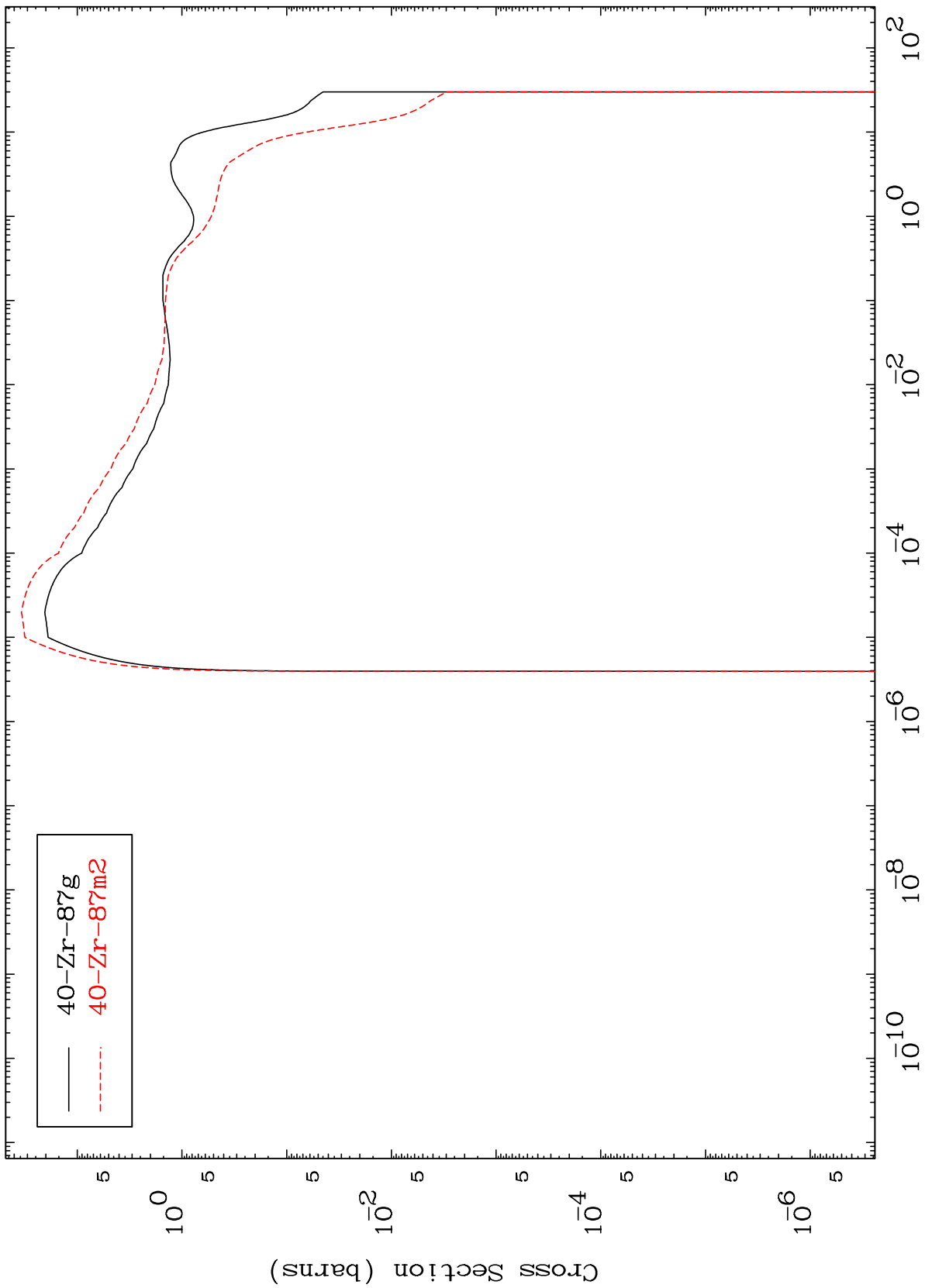
41-Nb-87



MAT 4107

41-Nb-87

Radionuclide Production Cross Section (n,p)



40-Zr-87g
40-Zr-87m2

Incident Energy (MeV)

41-Nb-87

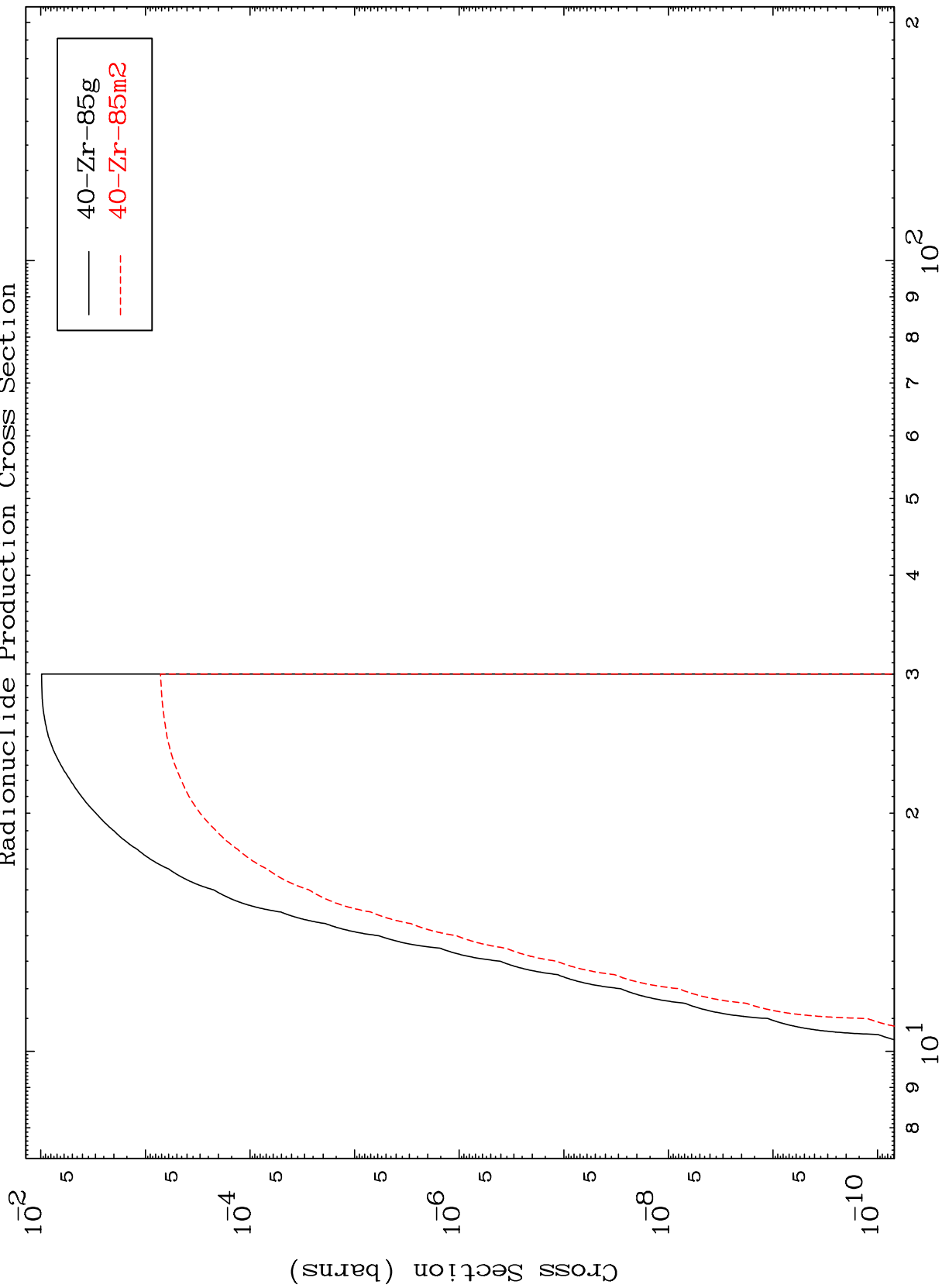
67

MAT 4107

(n, t)

41-Nb-87

Radionuclide Production Cross Section



68

Incident Energy (MeV)

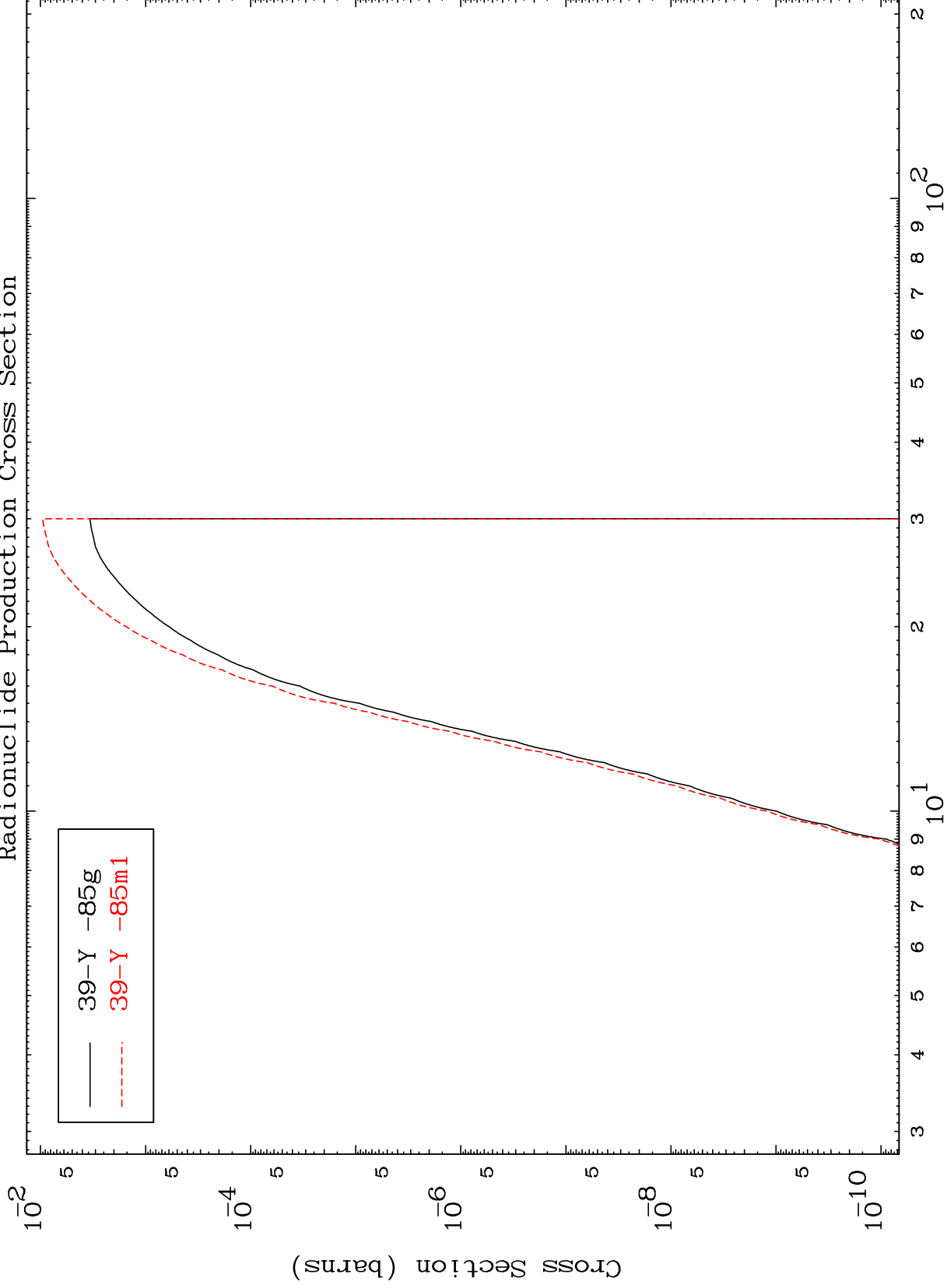
41-Nb-87

MAT 4107

(n,He-3)

41-Nb-87

Radionuclide Production Cross Section



— 39-Y -85g
- - - 39-Y -85m1

Incident Energy (MeV)

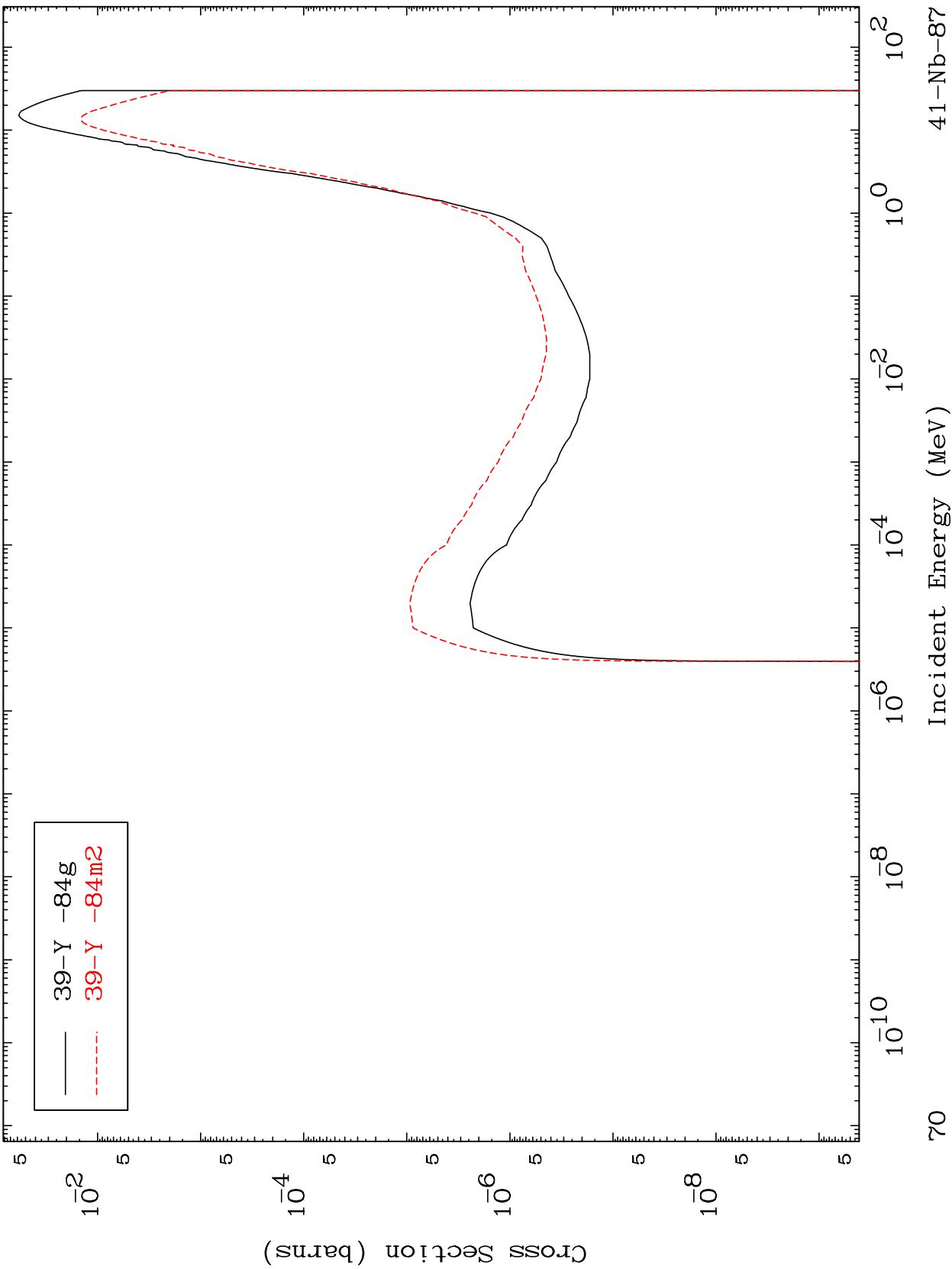
41-Nb-87

69

MAT 4107

41-Nb-87

Radionuclide Production Cross Section (n,α)



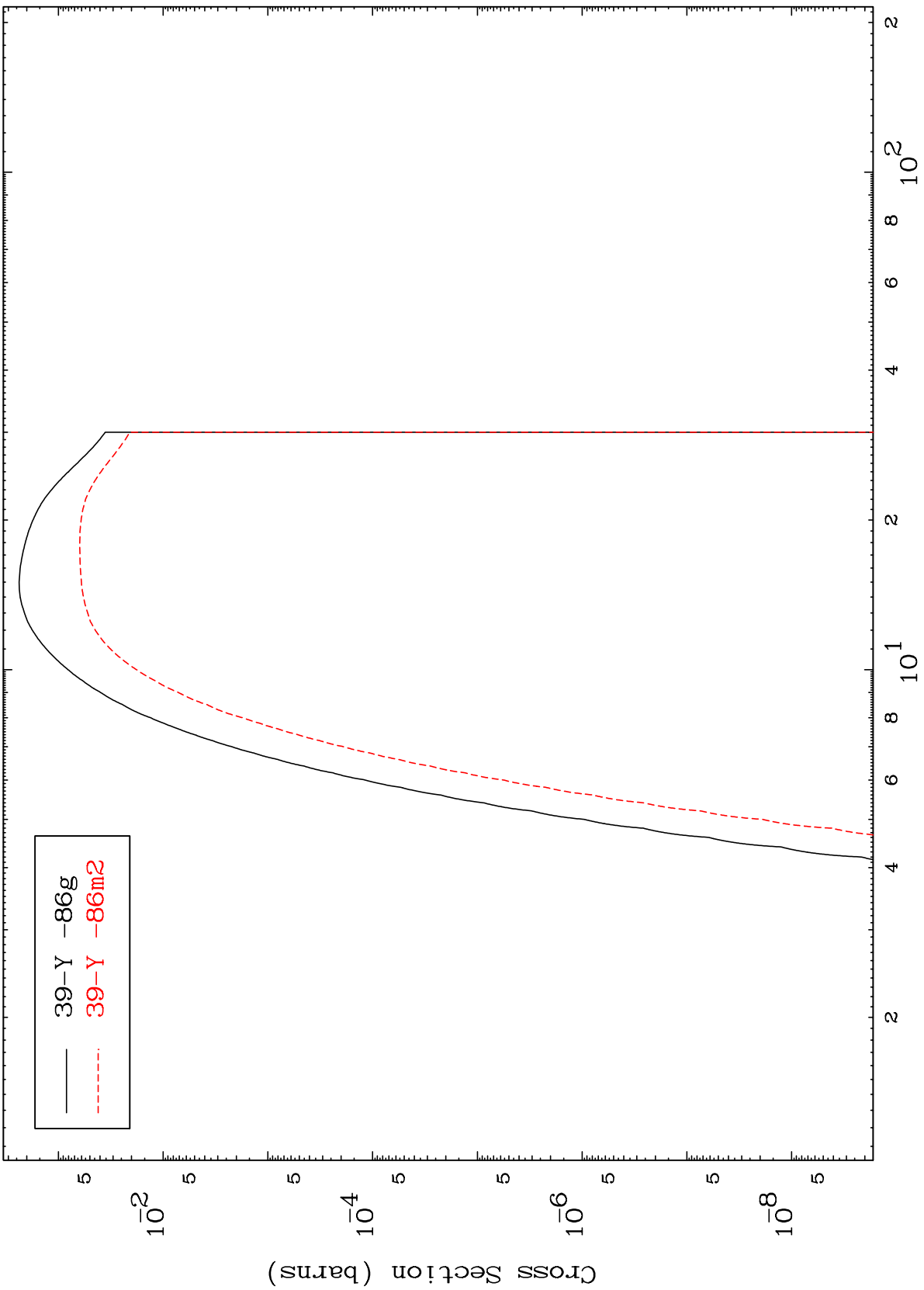
70

41-Nb-87

MAT 4107

41-Nb-87

(n,2p)
Radionuclide Production Cross Section



— 39-Y -86g
- - - 39-Y -86m2

71

Incident Energy (MeV)

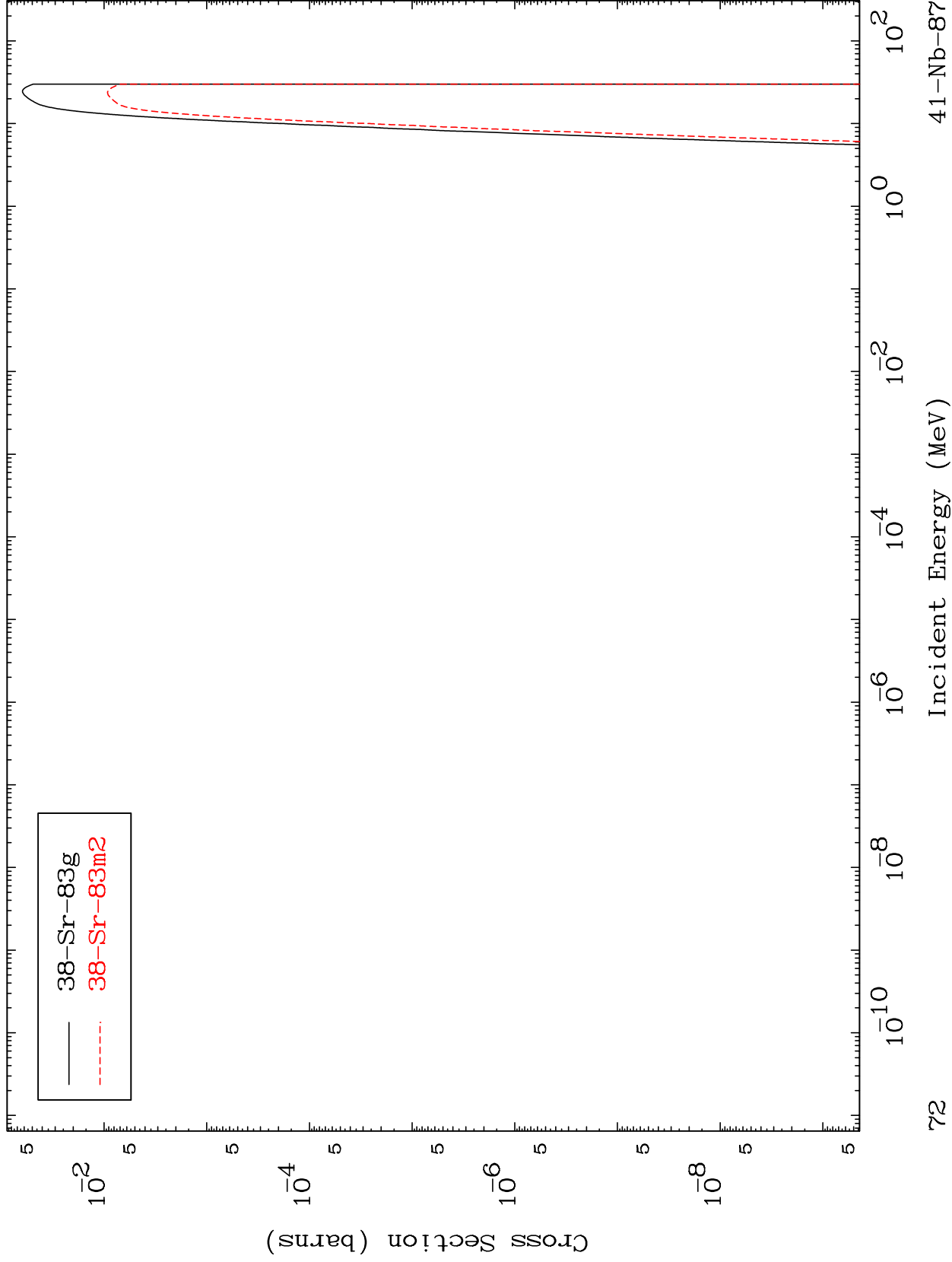
41-Nb-87

MAT 4107

(n,p) α

41-Nb-87

Radionuclide Production Cross Section



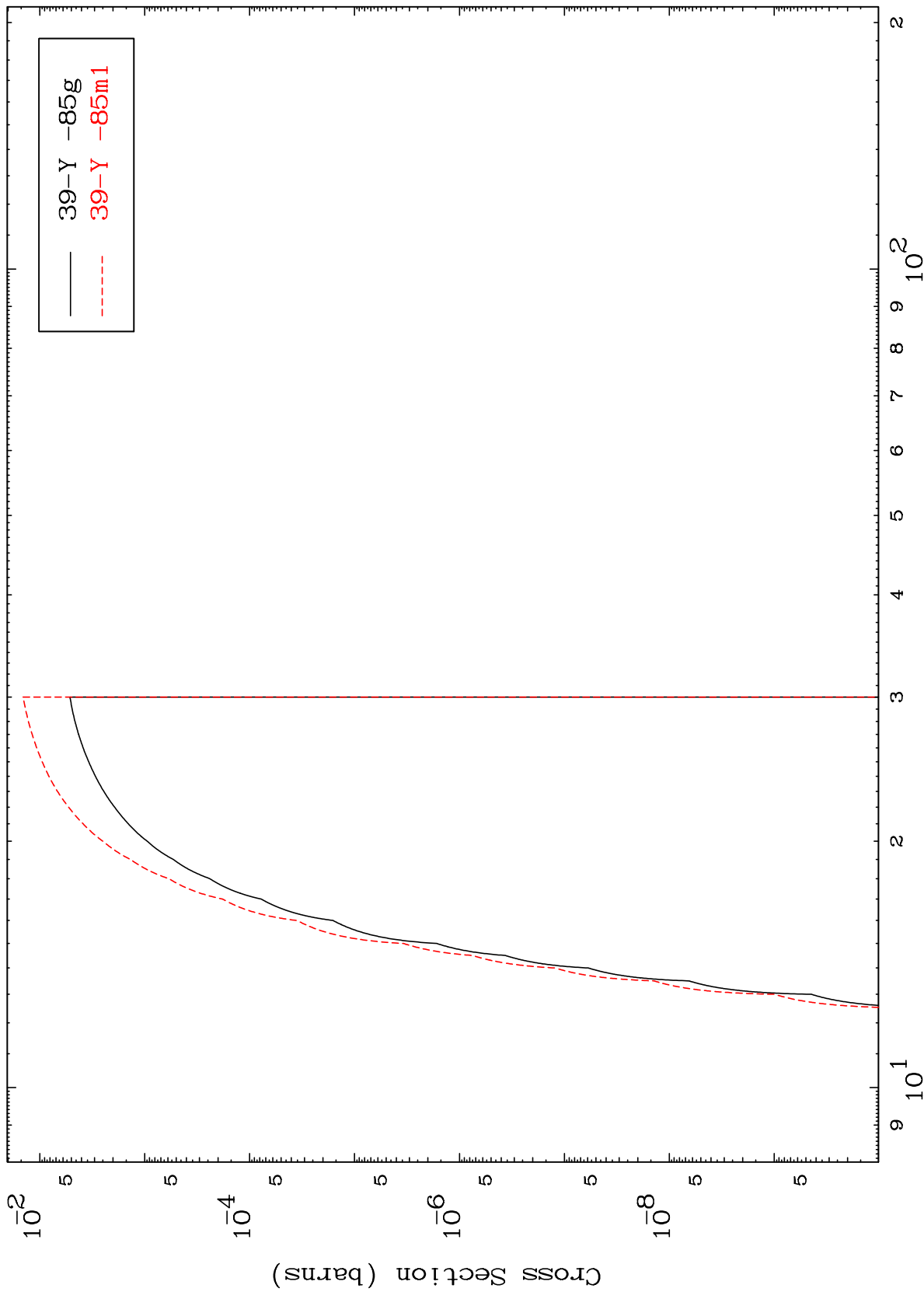
72

MAT 4107

(n,p) d

41-Nb-87

Radionuclide Production Cross Section



73

Incident Energy (MeV)

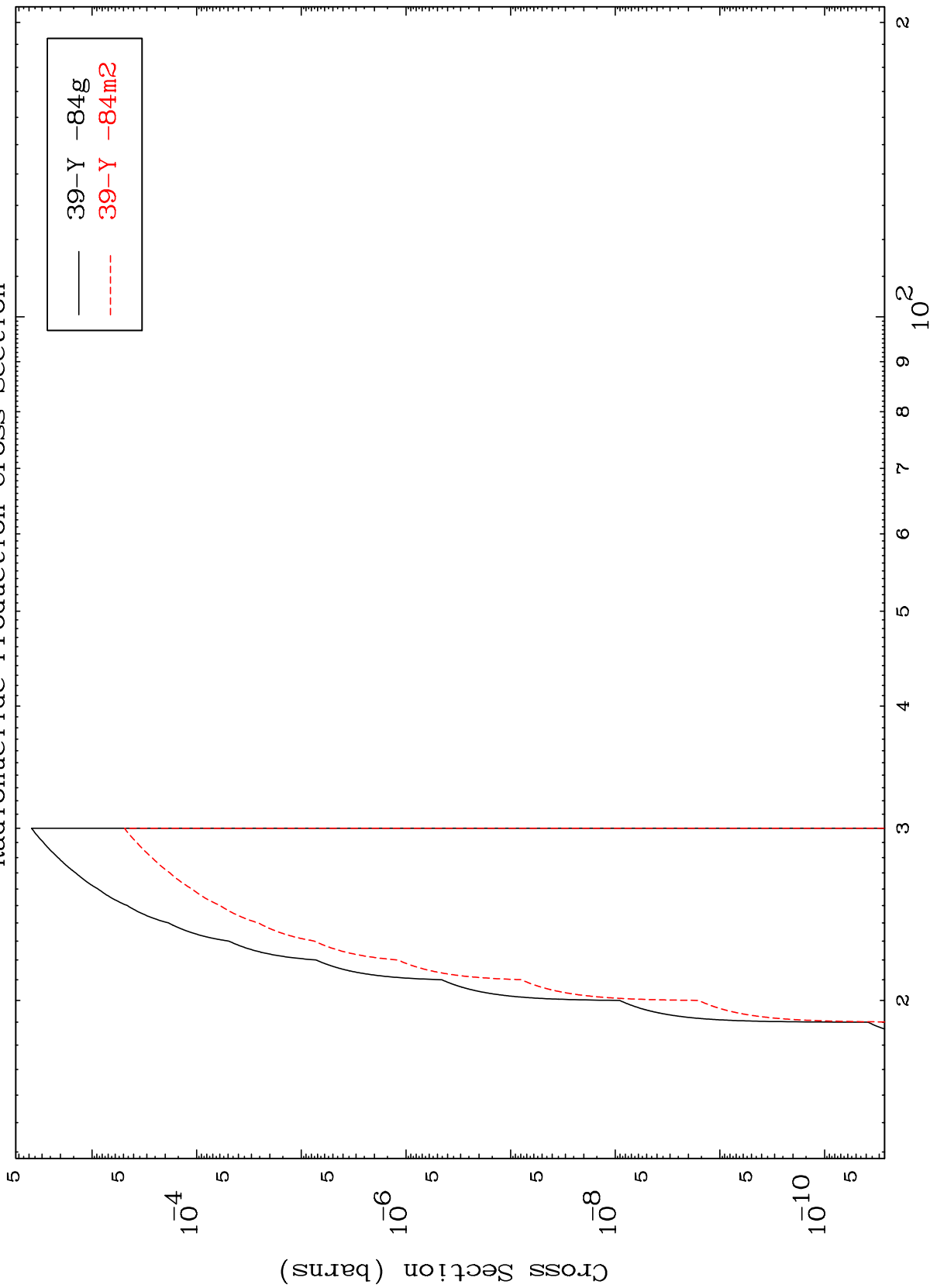
41-Nb-87

MAT 4107

(n,p) t

41-Nb-87

Radionuclide Production Cross Section



74

Incident Energy (MeV)

41-Nb-87