

Program EVALPLOT
(Version 2017-1)

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

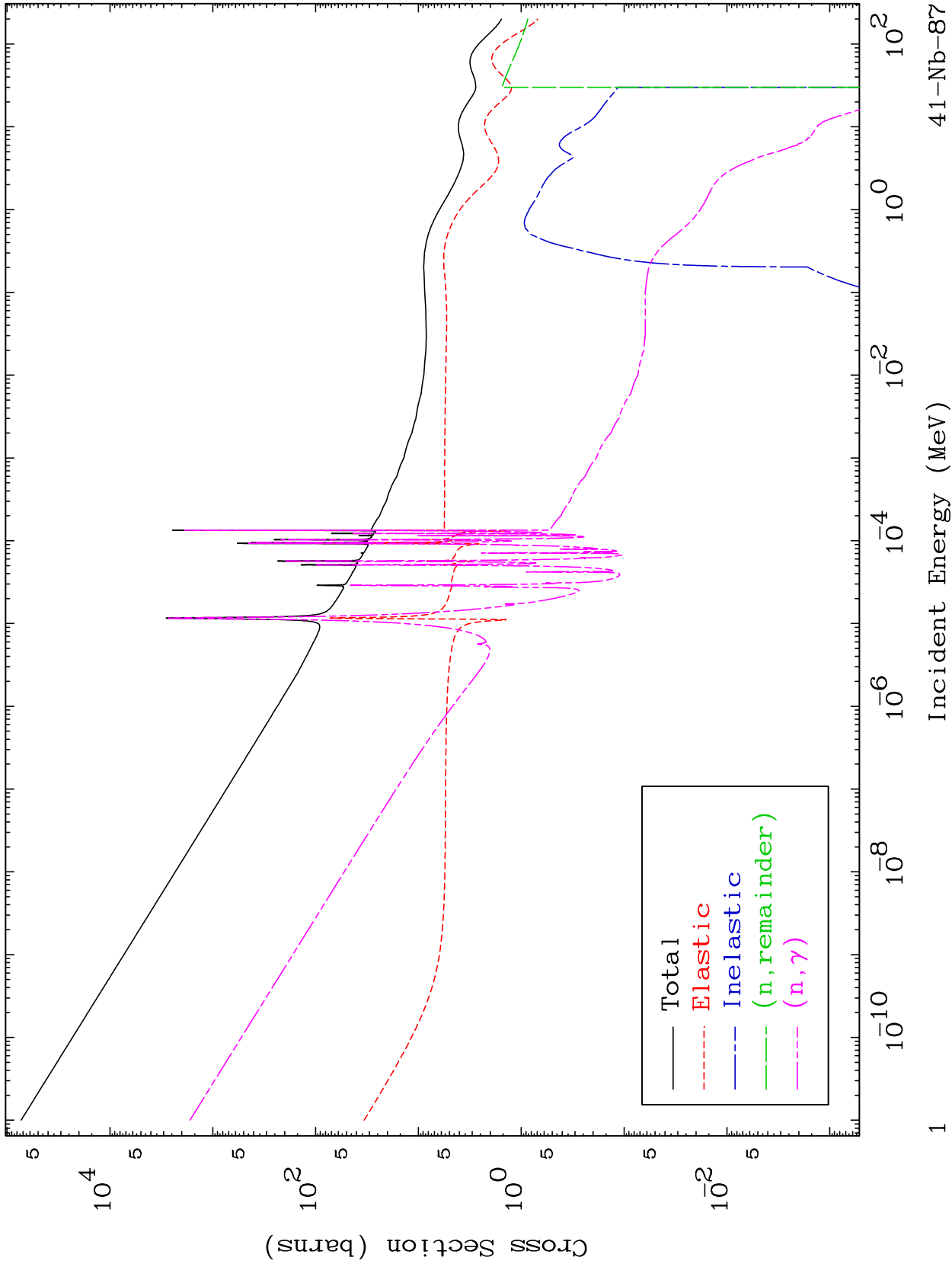
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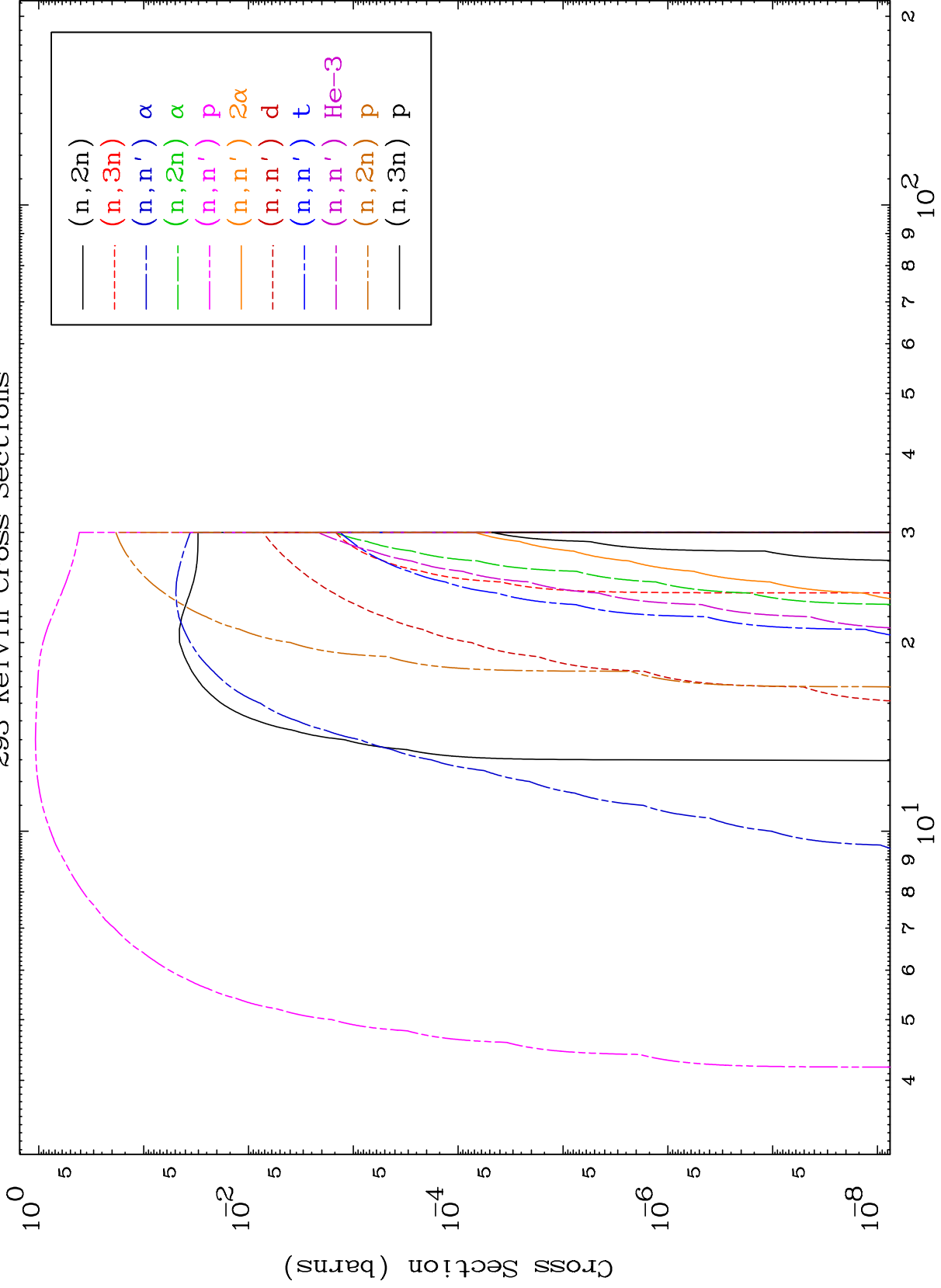
Press Mouse Button to Start

MAT 4107

Major
293 Kelvin Cross Sections

41-Nb-87

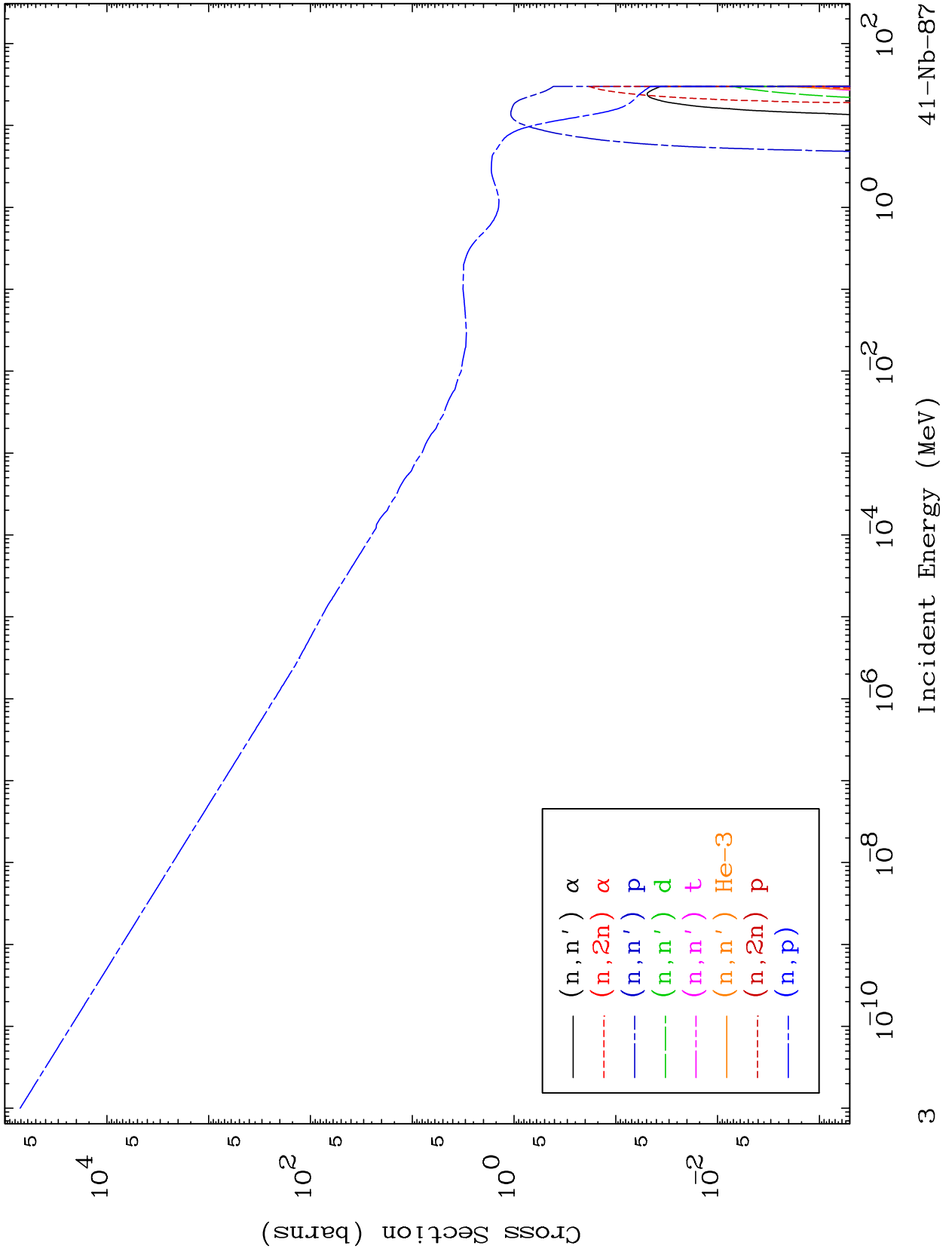




MAT 4107

Charged Particle
293 Kelvin Cross Sections

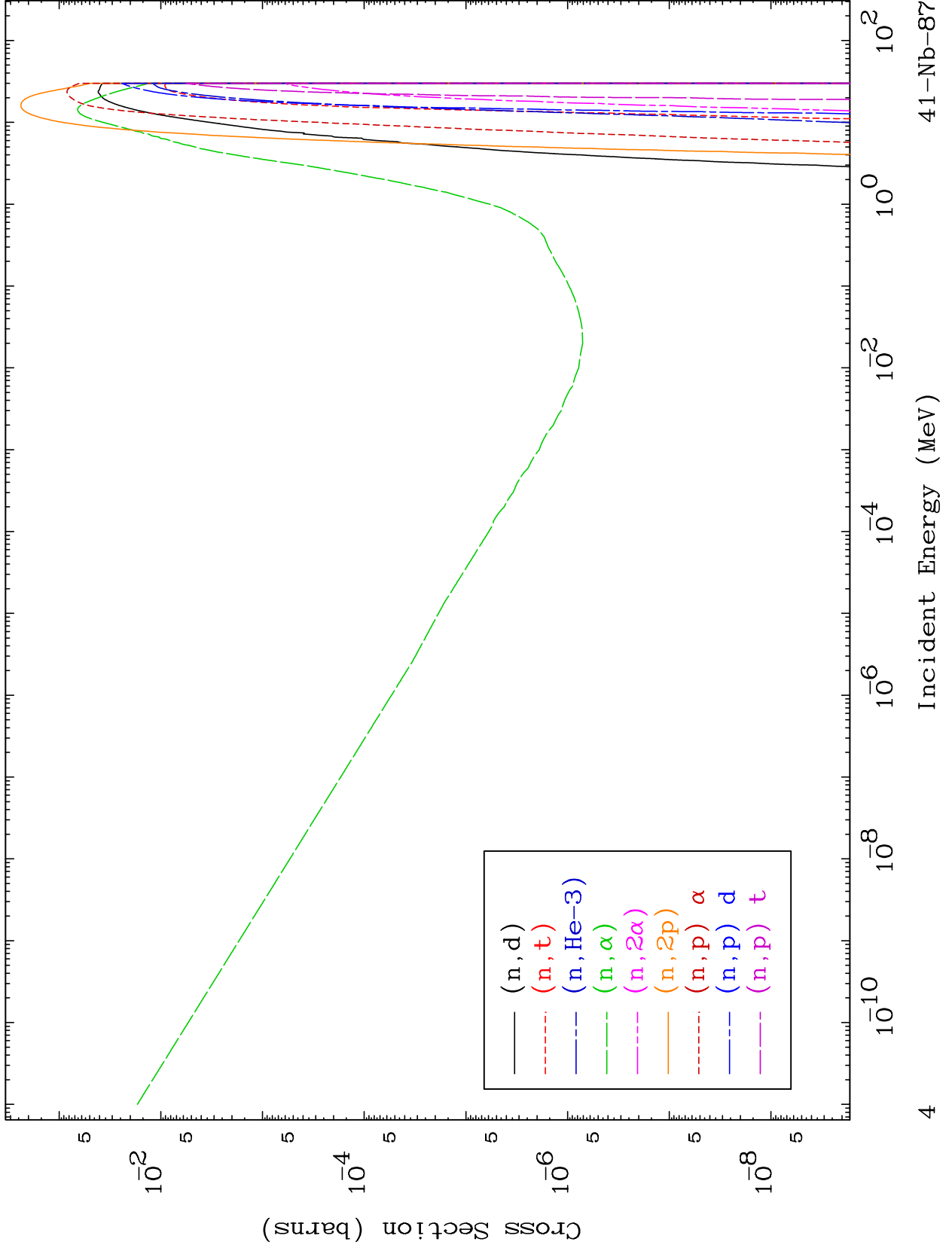
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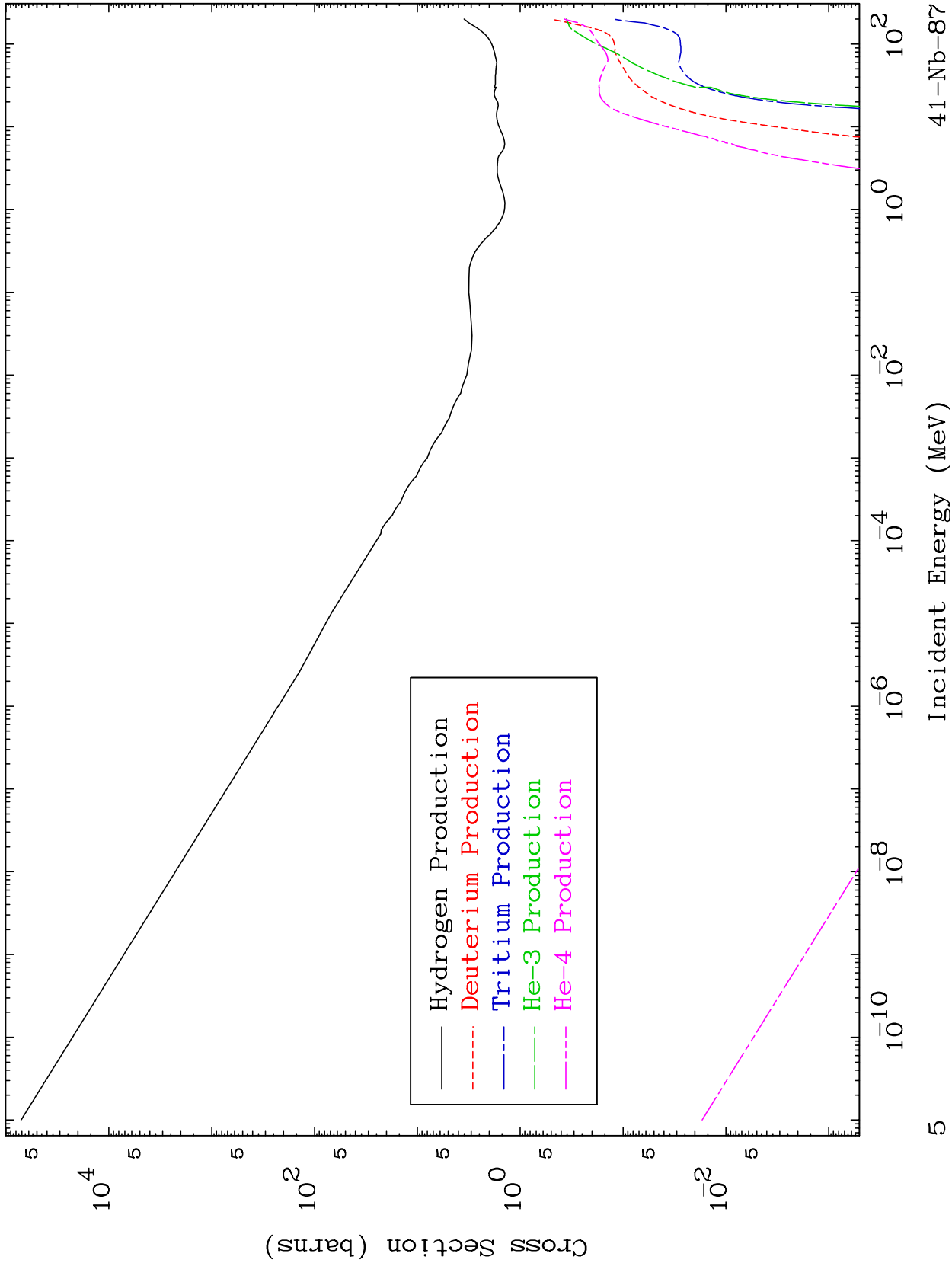


MAT 4107

Charged Particle
293 Kelvin Cross Sections

41-Nb-87

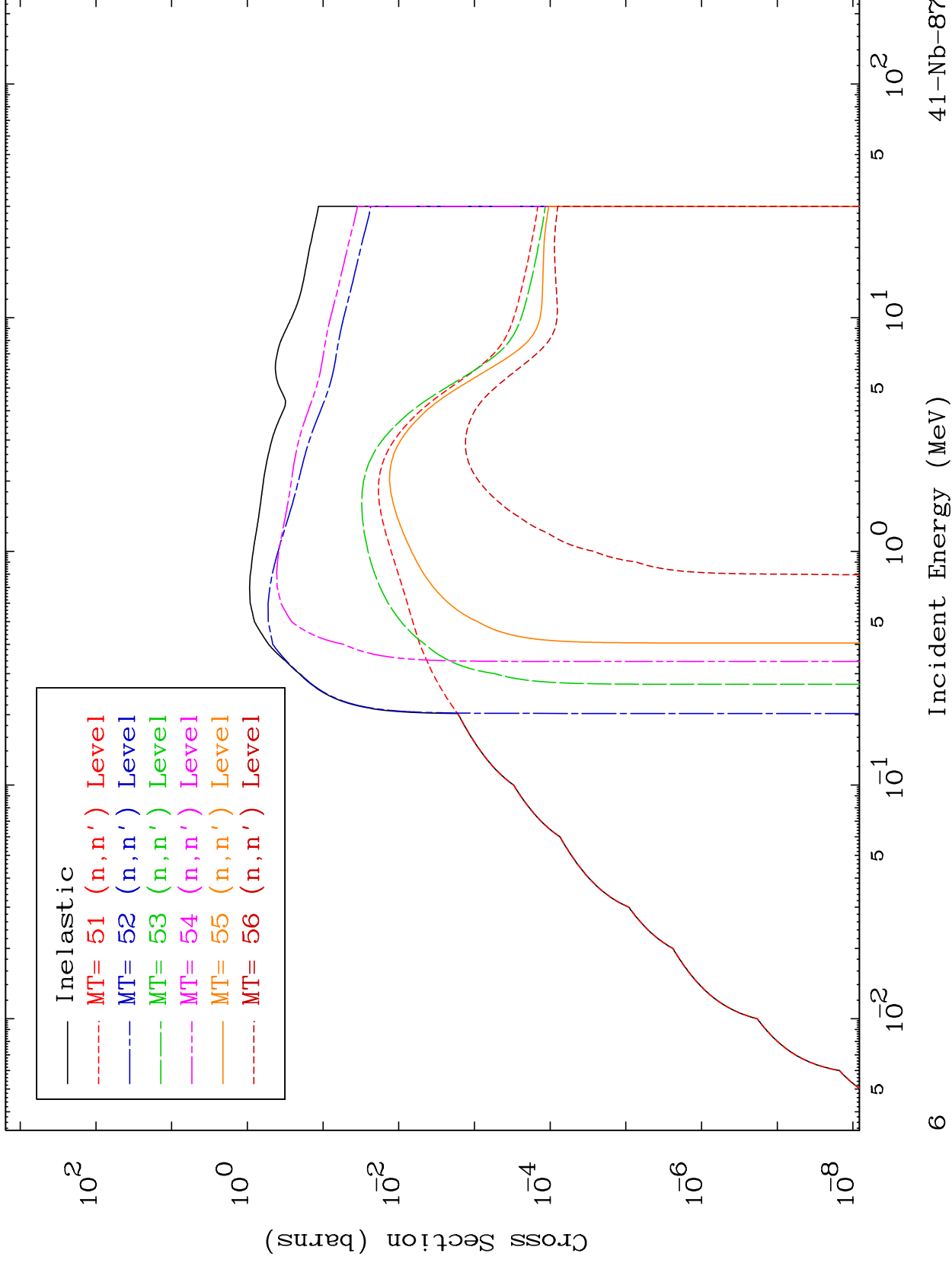




MAT 4107

(n,n') Level
293 Kelvin Cross Sections

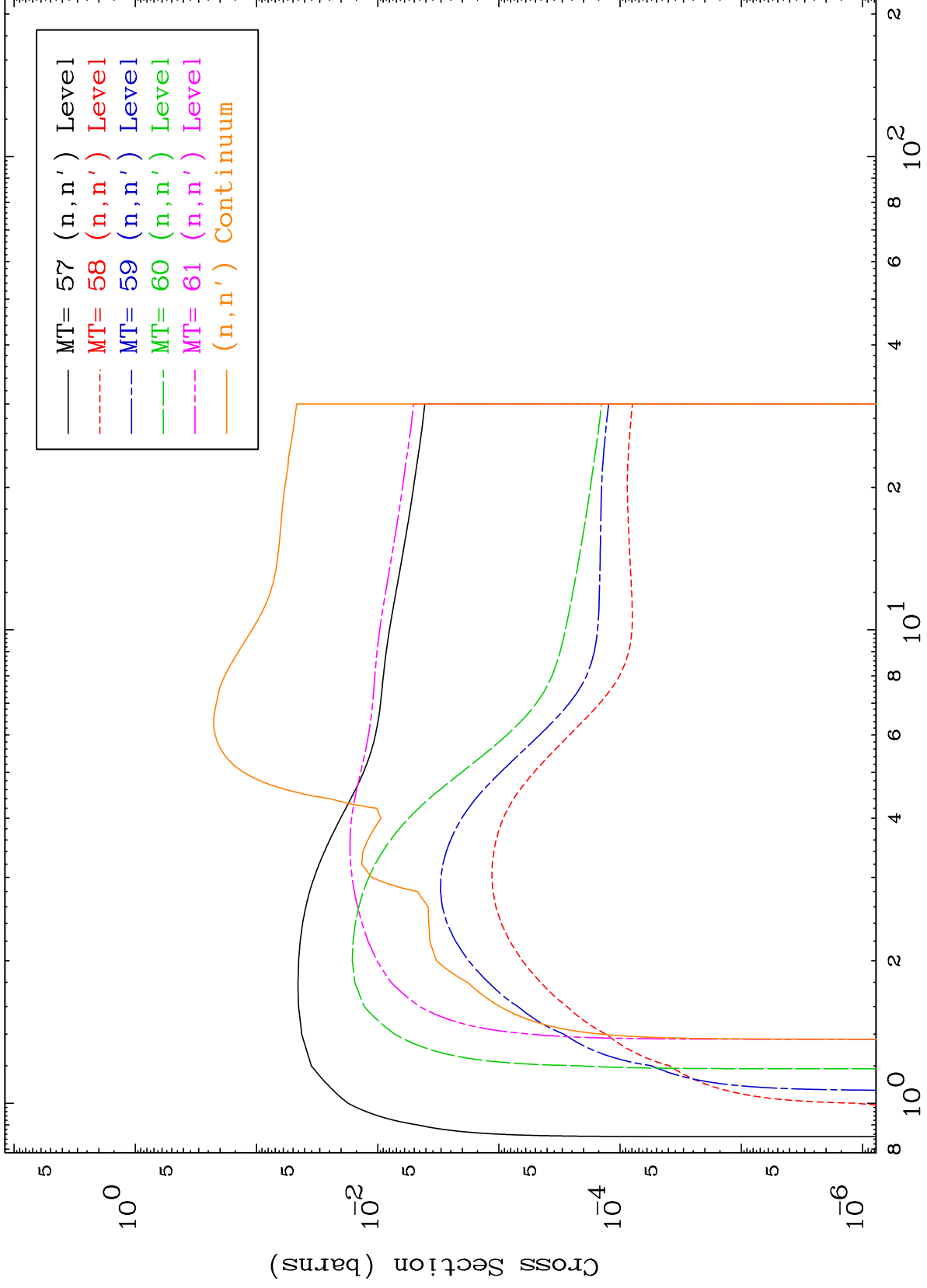
41-Nb-87



MAT 4107

(n,n') Level
293 Kelvin Cross Sections

41-Nb-87



Incident Energy (MeV)

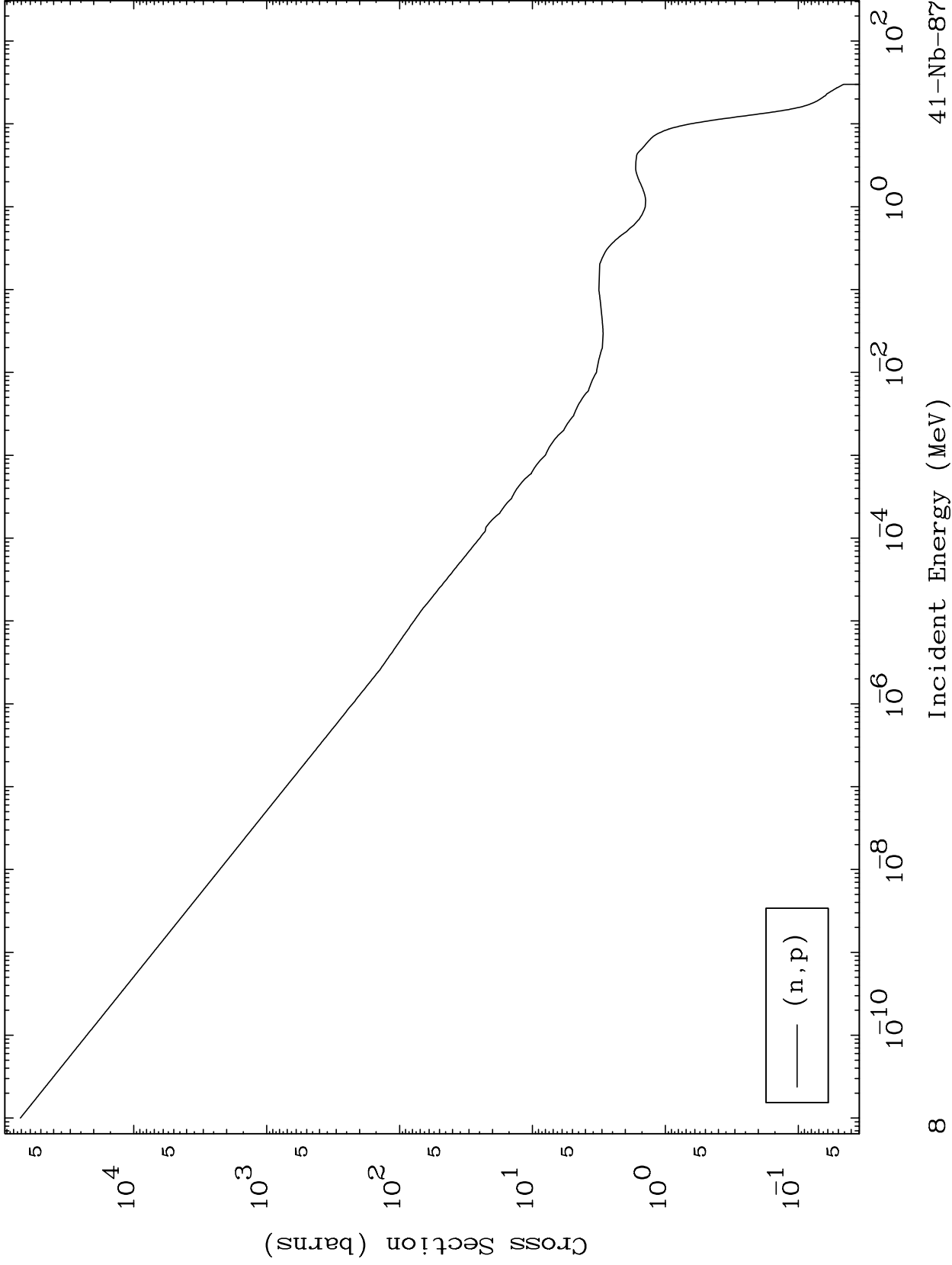
41-Nb-87

7

MAT 4107

(n,p) Levels
293 Kelvin Cross Sections

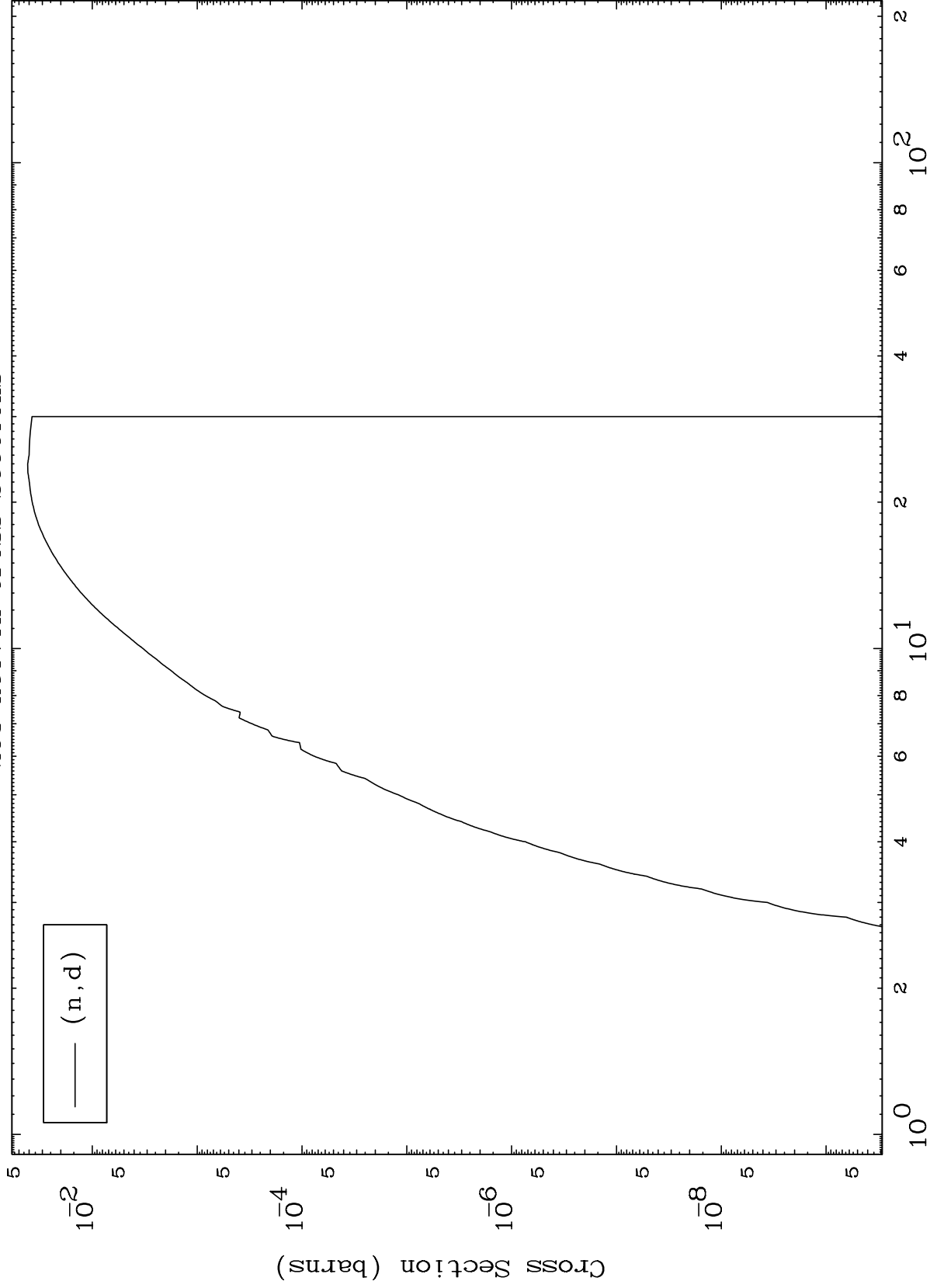
41-Nb-87



MAT 4107

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-87



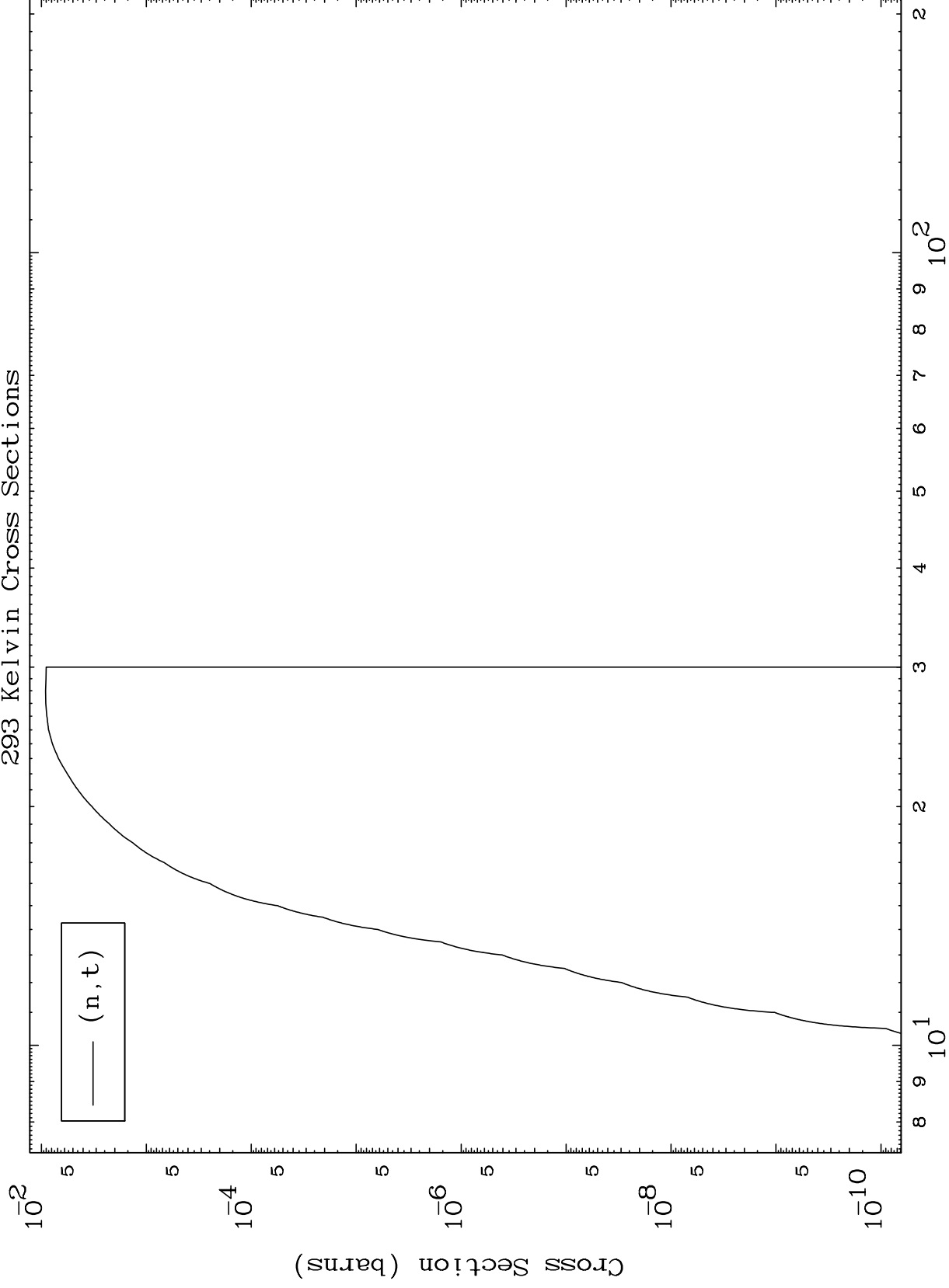
Incident Energy (MeV)

41-Nb-87

MAT 4107

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-87



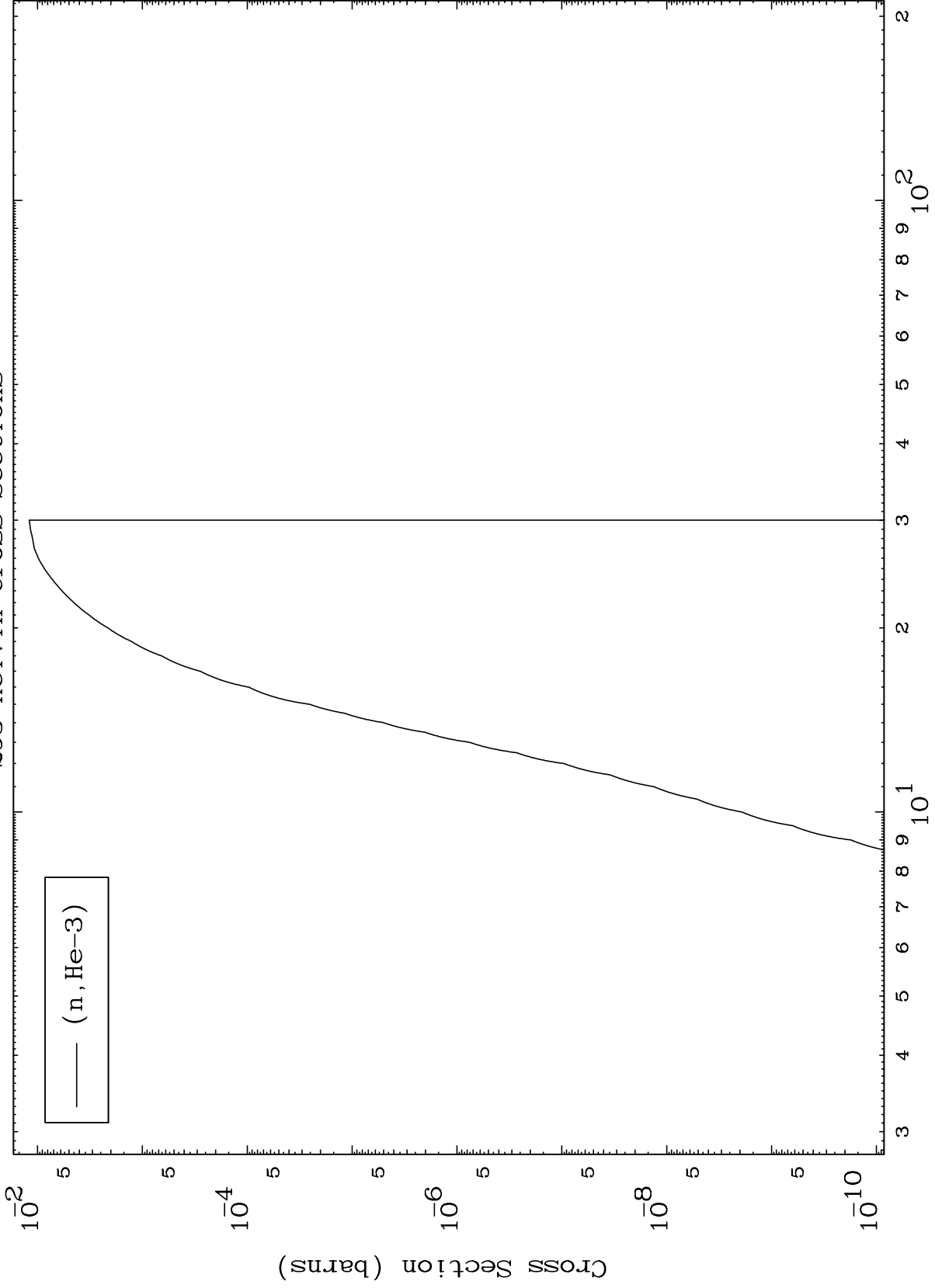
Incident Energy (MeV)

41-Nb-87

MAT 4107

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-87



11

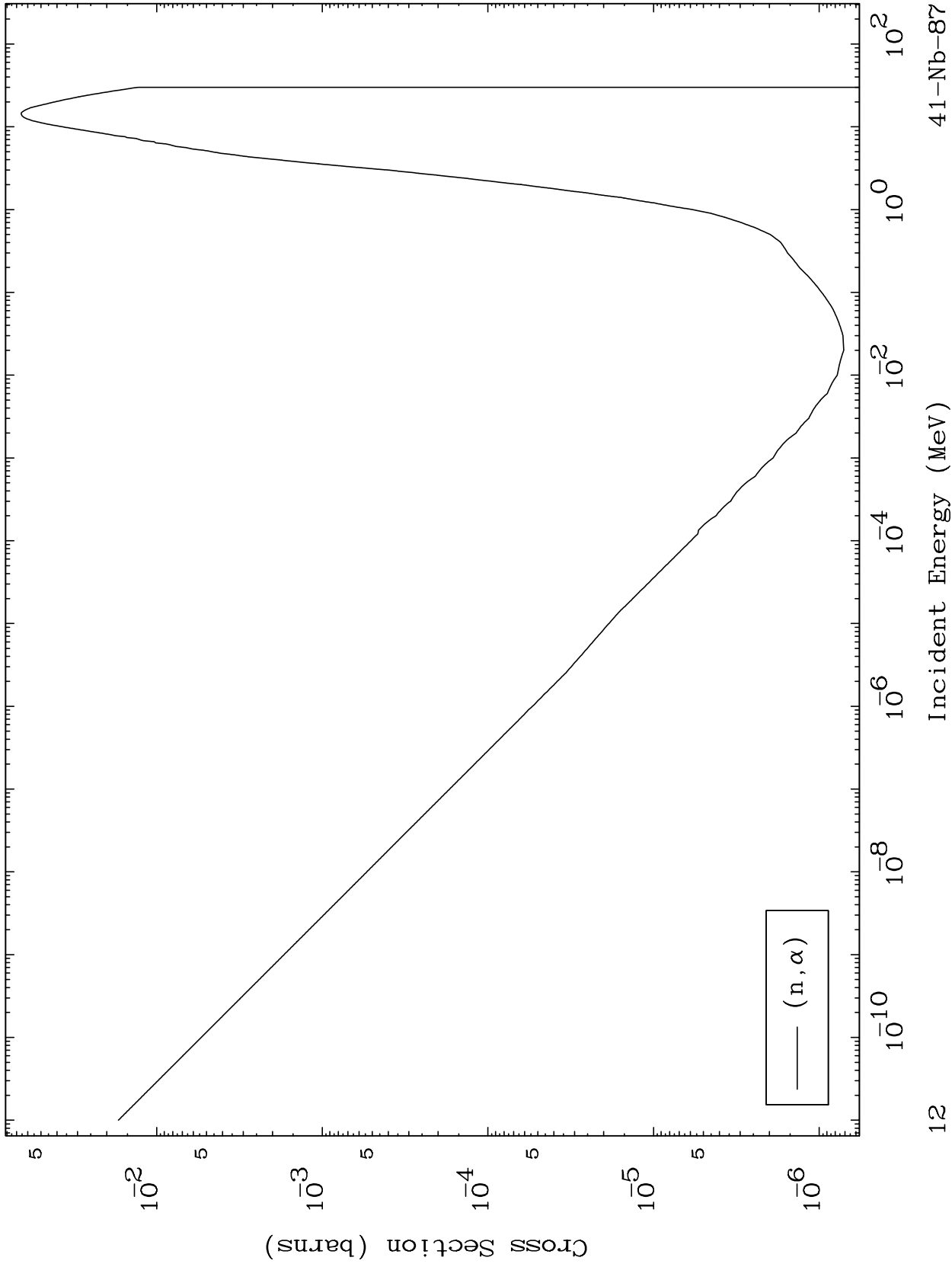
Incident Energy (MeV)

41-Nb-87

MAT 4107

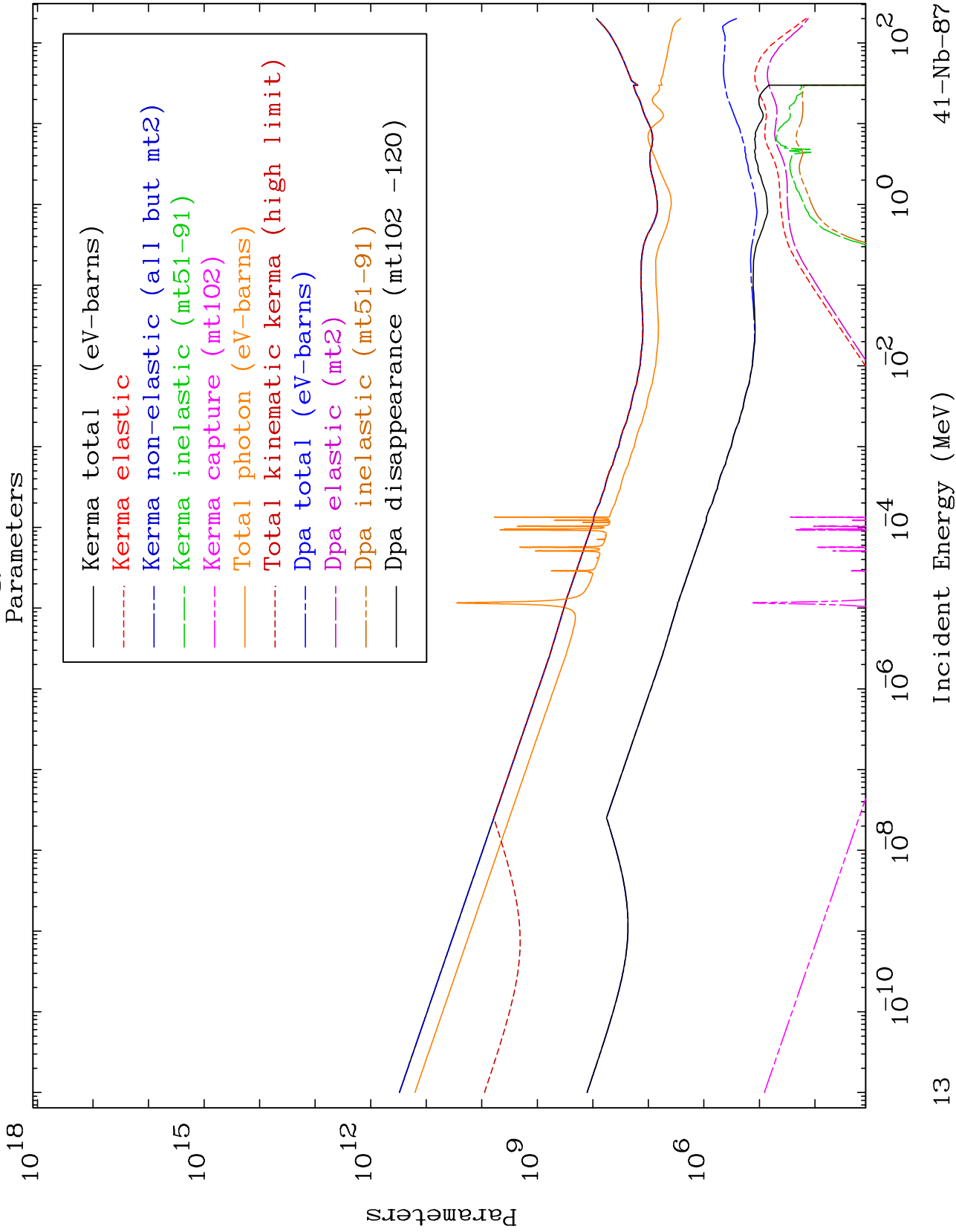
(n, α) Levels
293 Kelvin Cross Sections

41-Nb-87



12

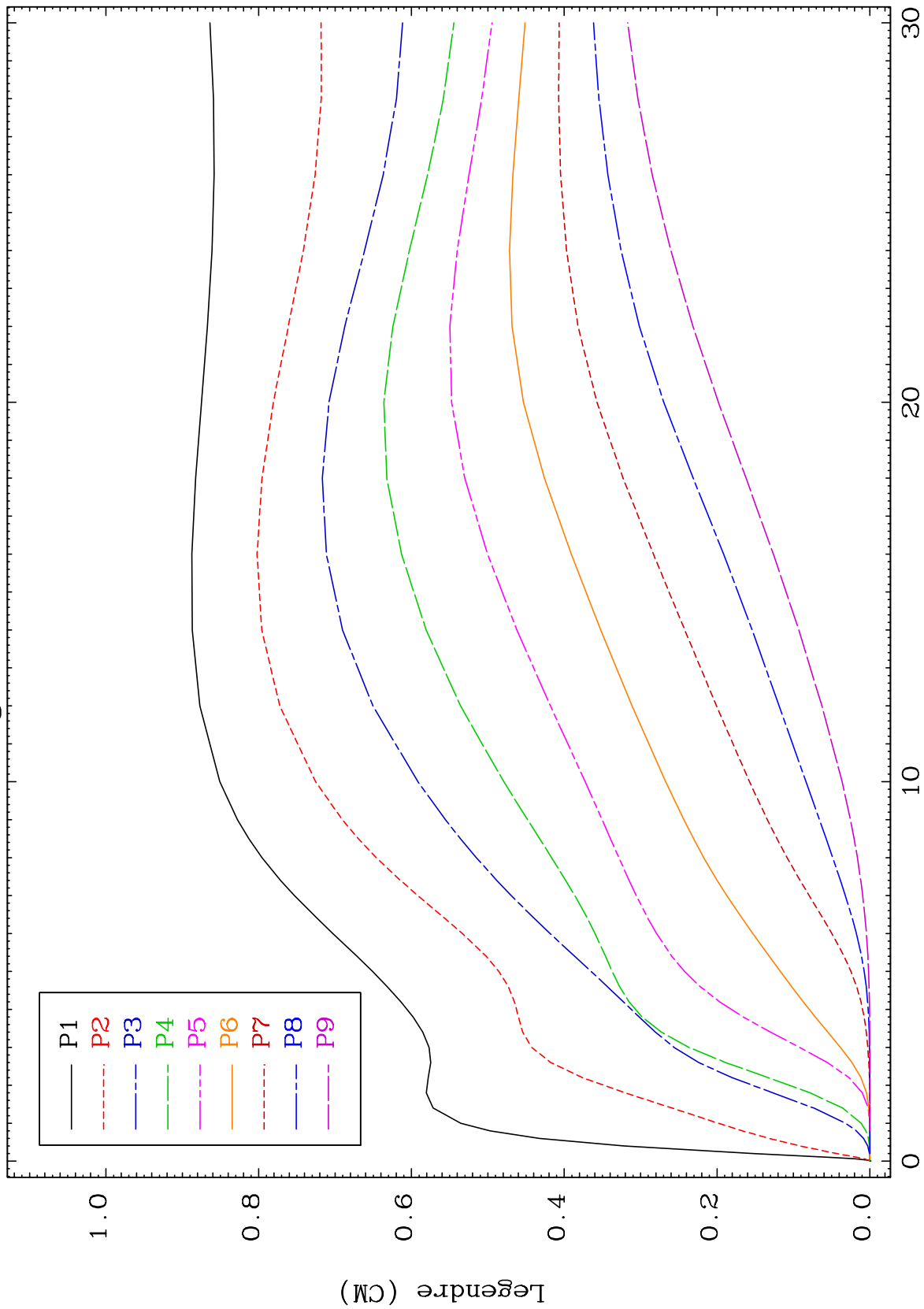
41-Nb-87



MAT 4107

Elastic Legendre Coefficients

41-Nb-87



14

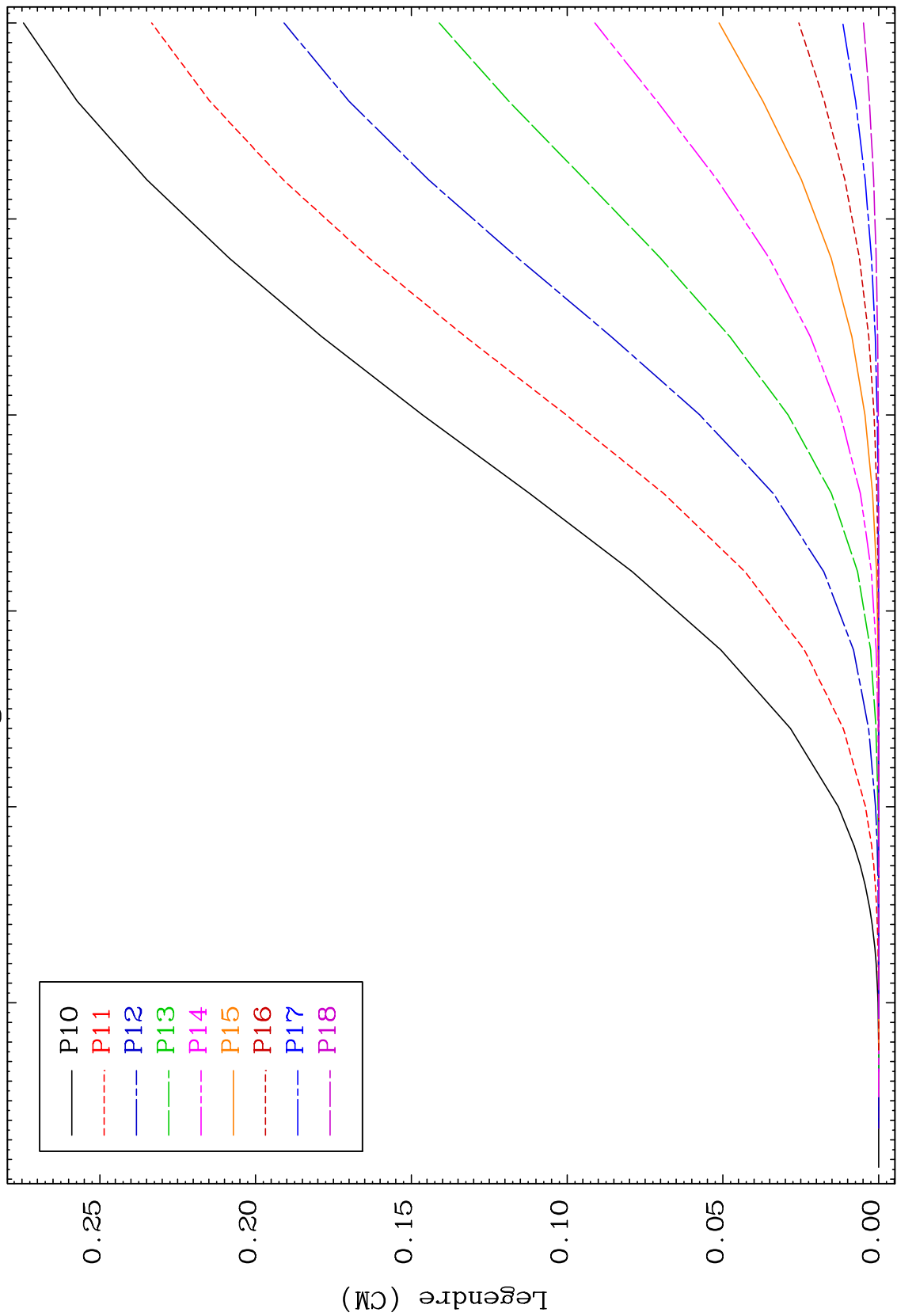
Incident Energy (MeV)

41-Nb-87

MAT 4107

Elastic Legendre Coefficients

41-Nb-87



15

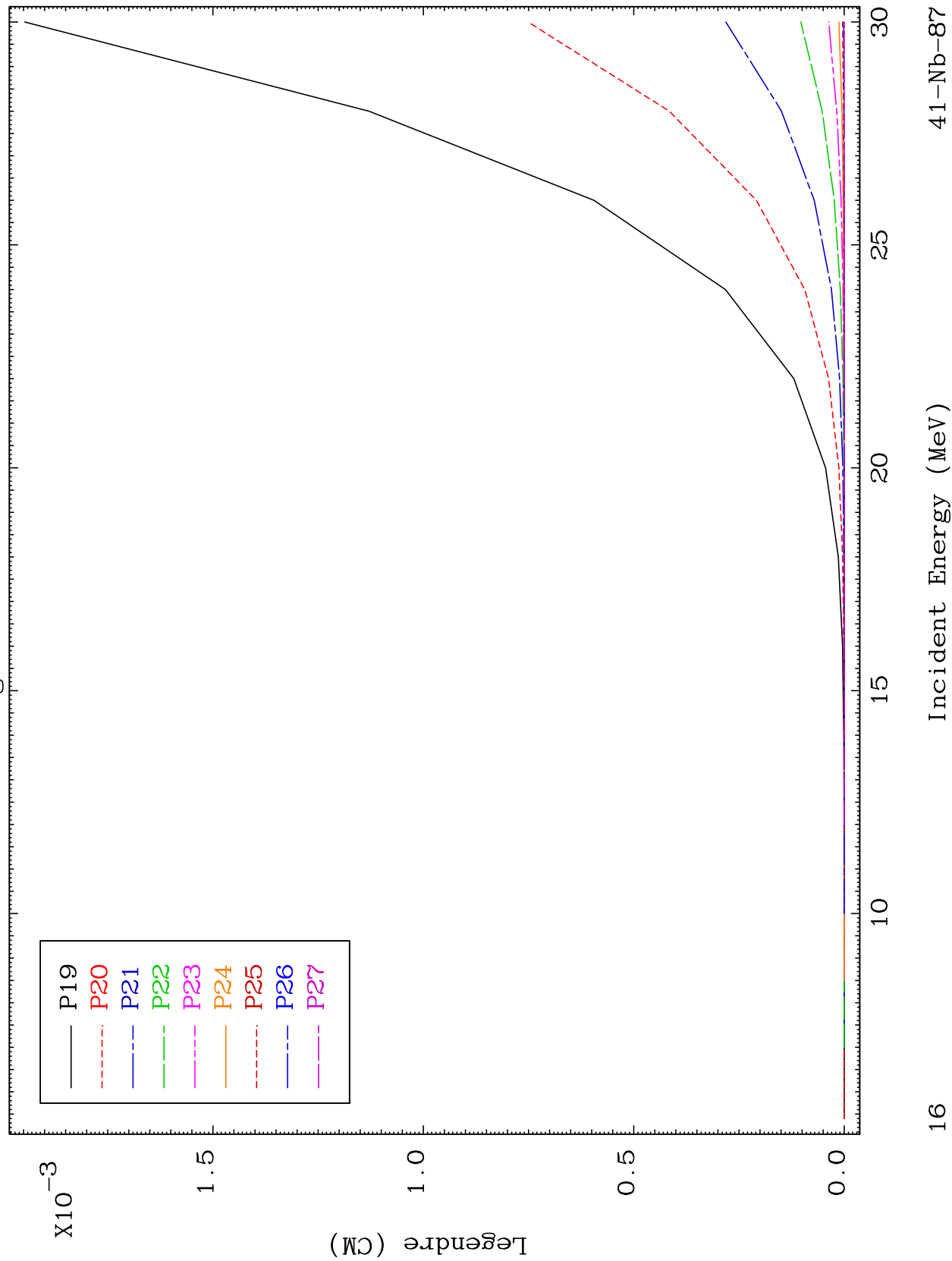
Incident Energy (MeV)

41-Nb-87

MAT 4107

Elastic Legendre Coefficients

41-Nb-87



16

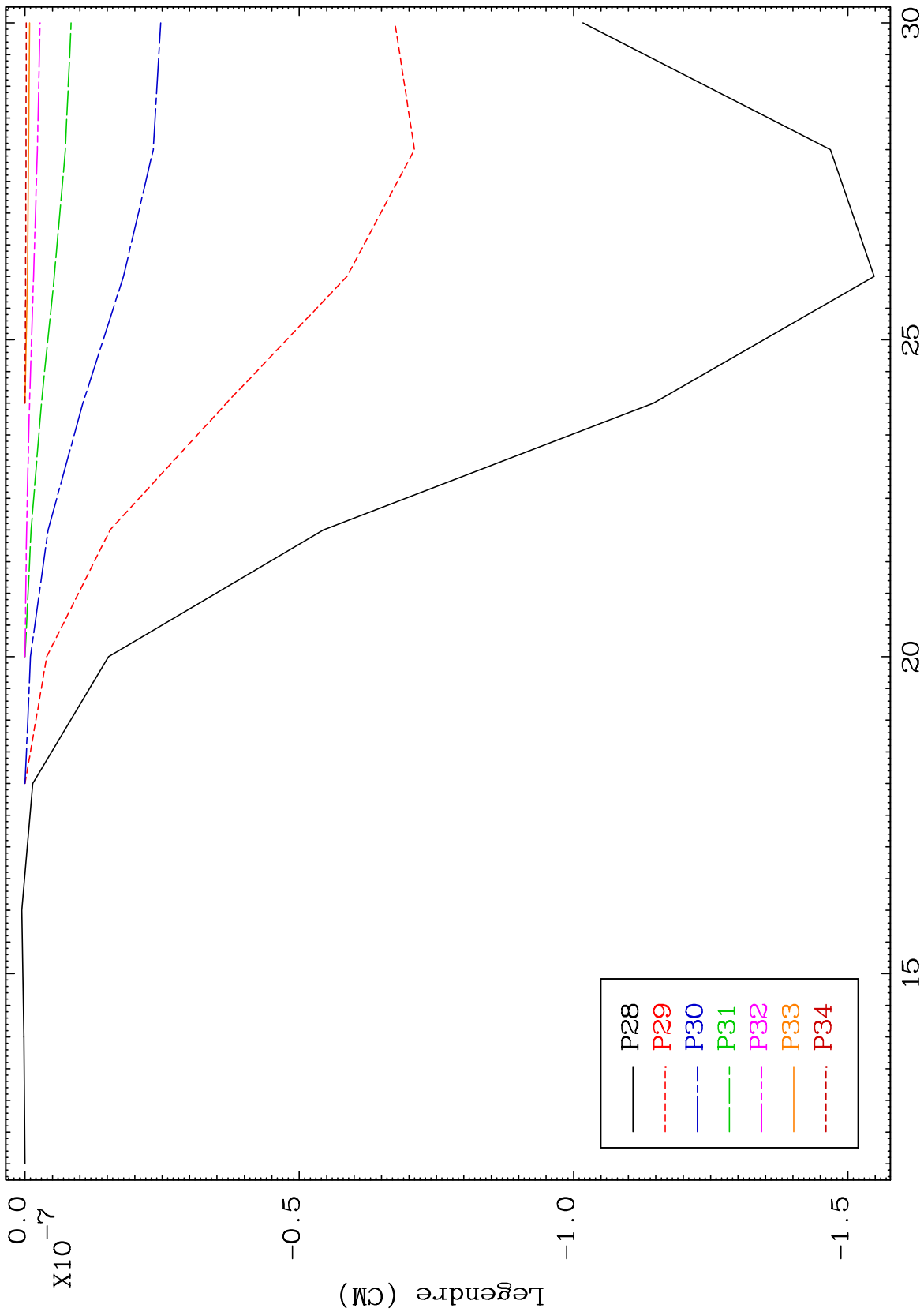
Incident Energy (MeV)

41-Nb-87

MAT 4107

41-Nb-87

Elastic Legendre Coefficients



17

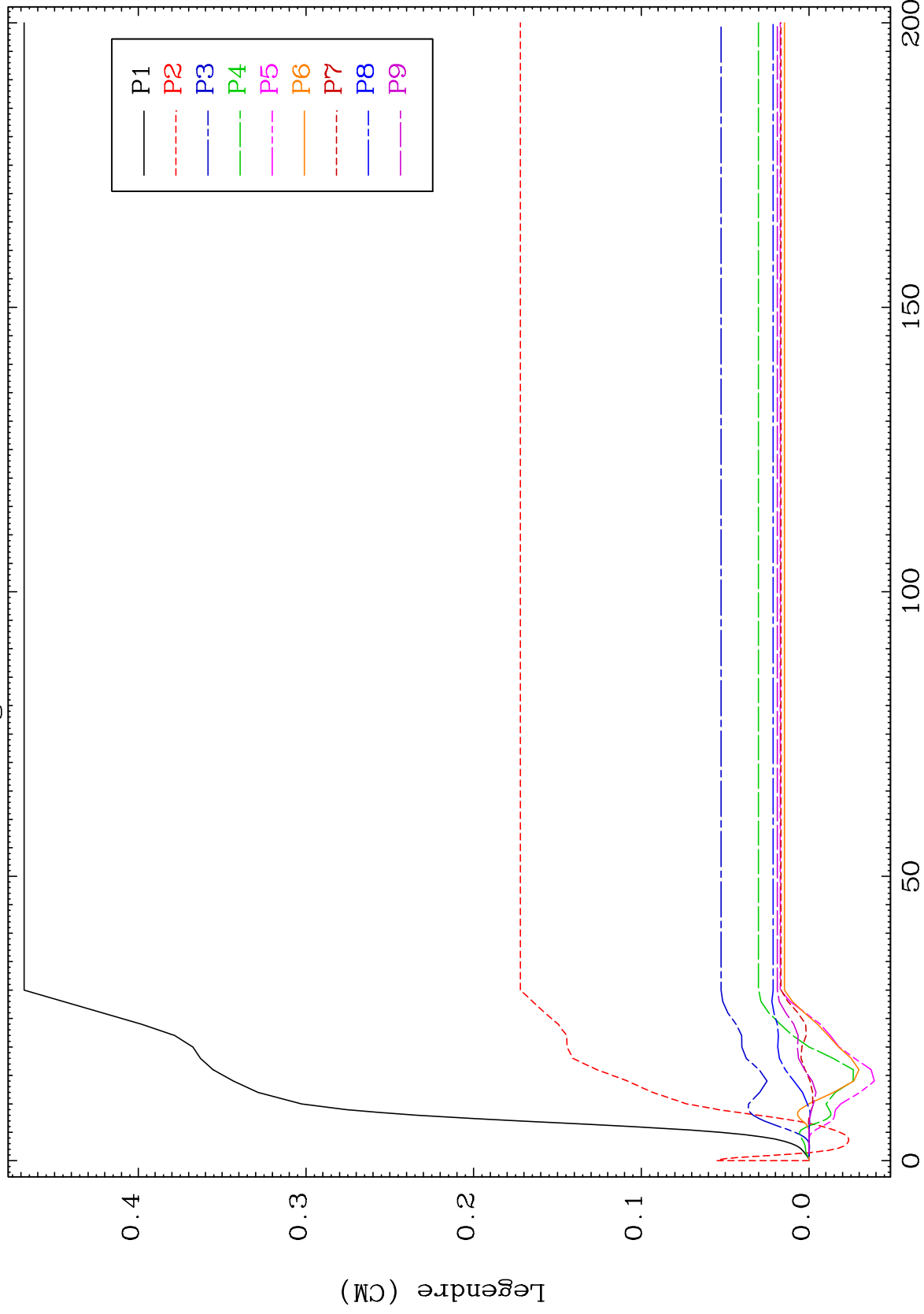
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



18

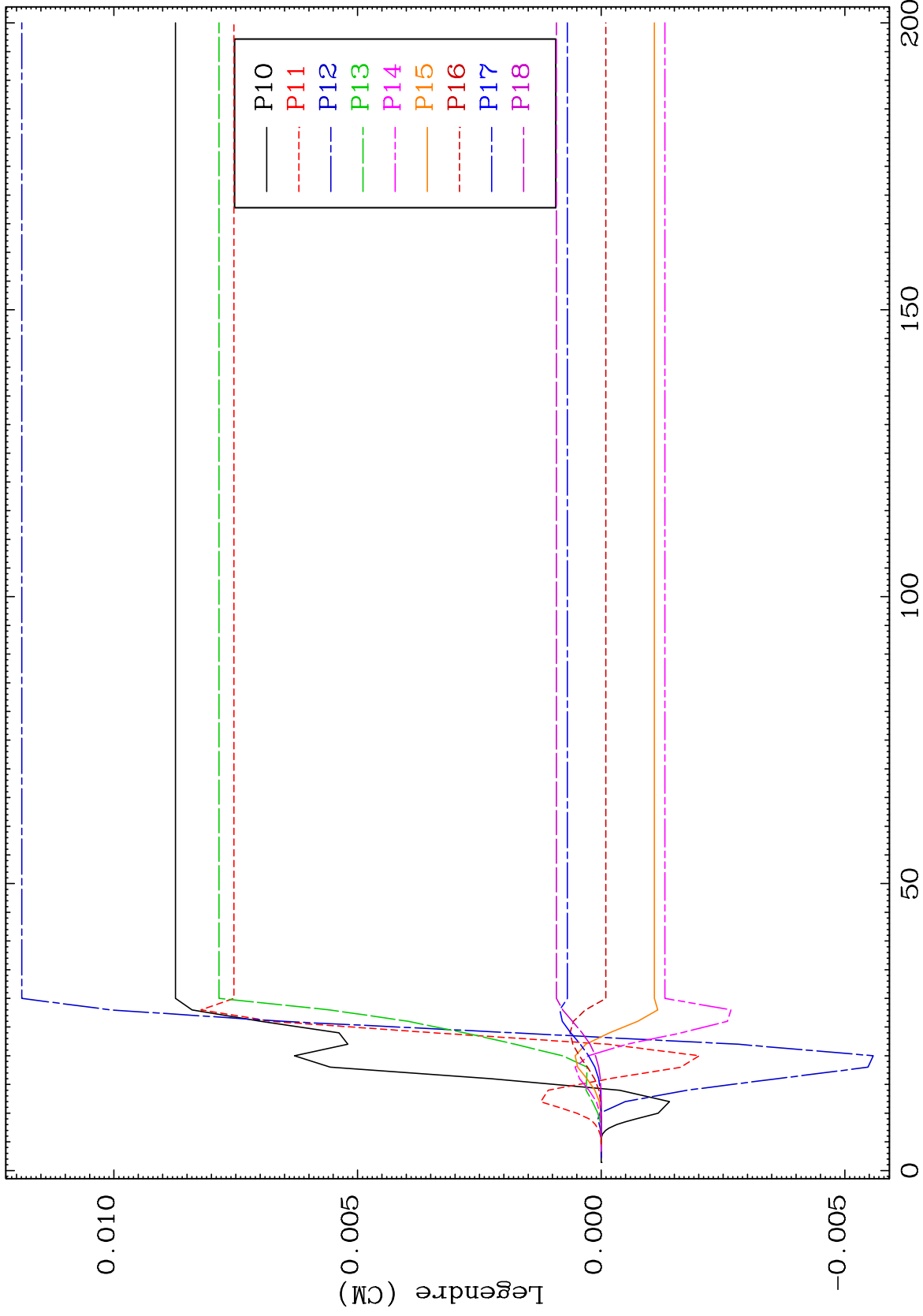
Incident Energy (MeV)

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MAT 4107

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

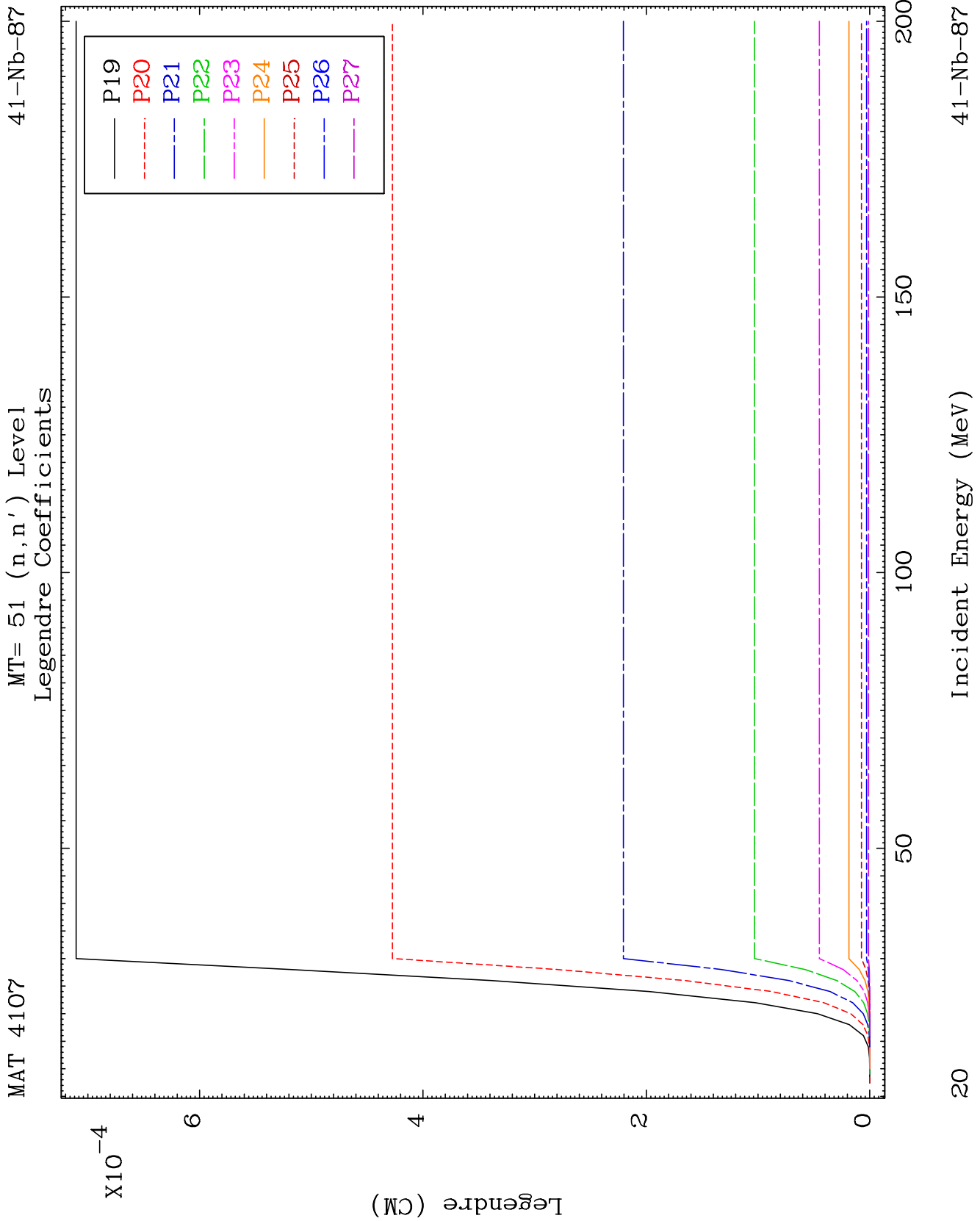
41-Nb-87



19

Incident Energy (MeV)

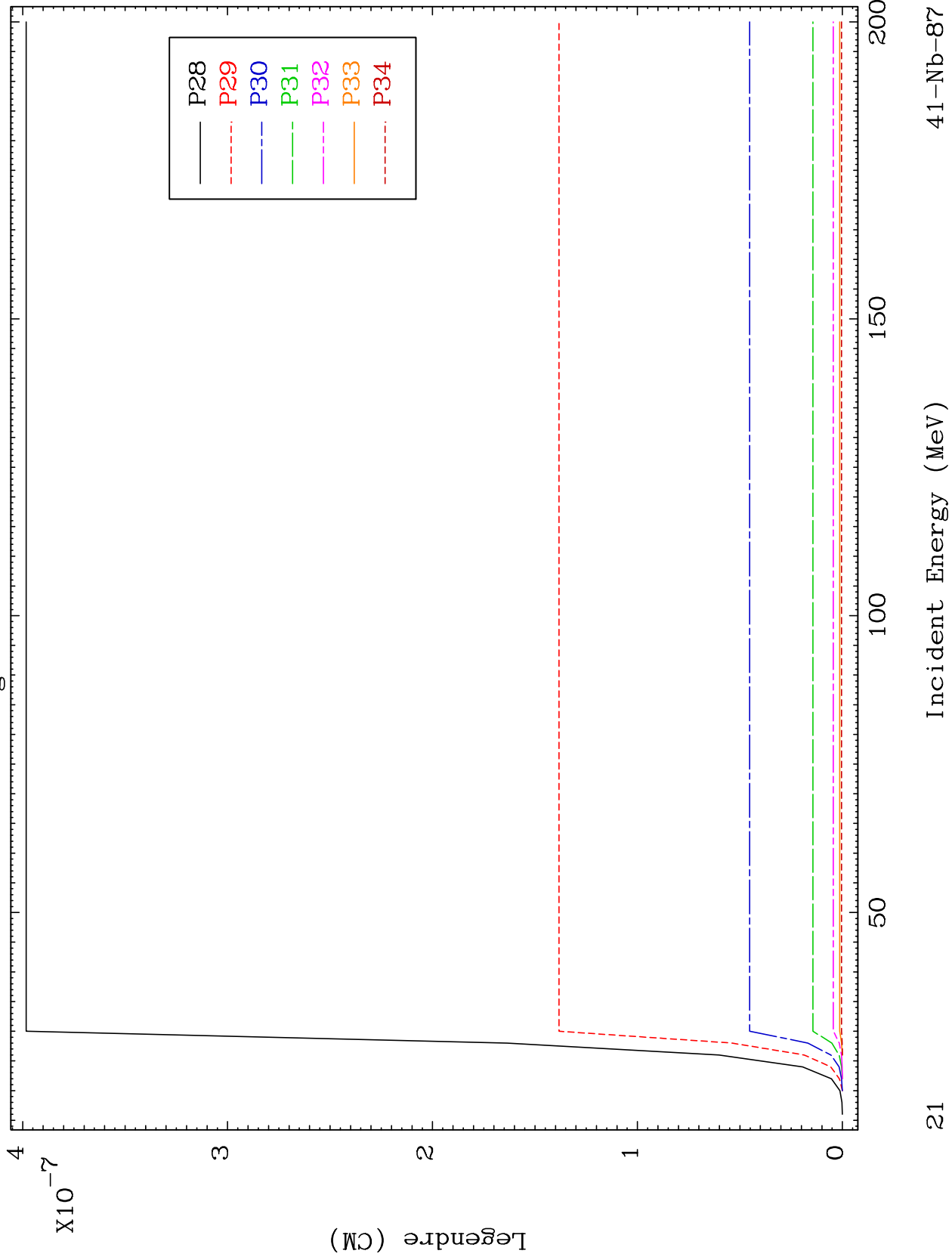
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MAT 4107

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

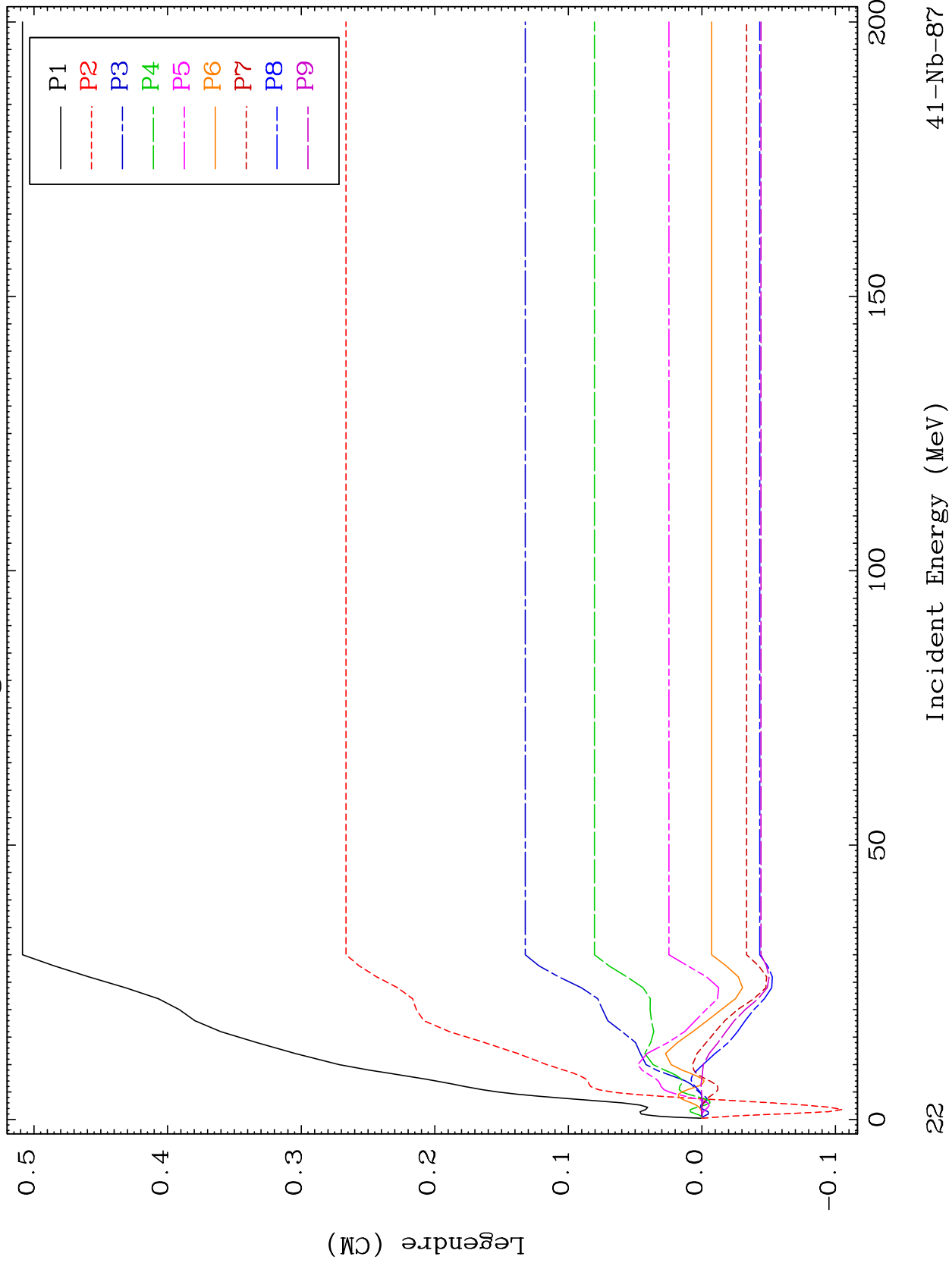
41-Nb-87



MAT 4107

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

41-Nb-87

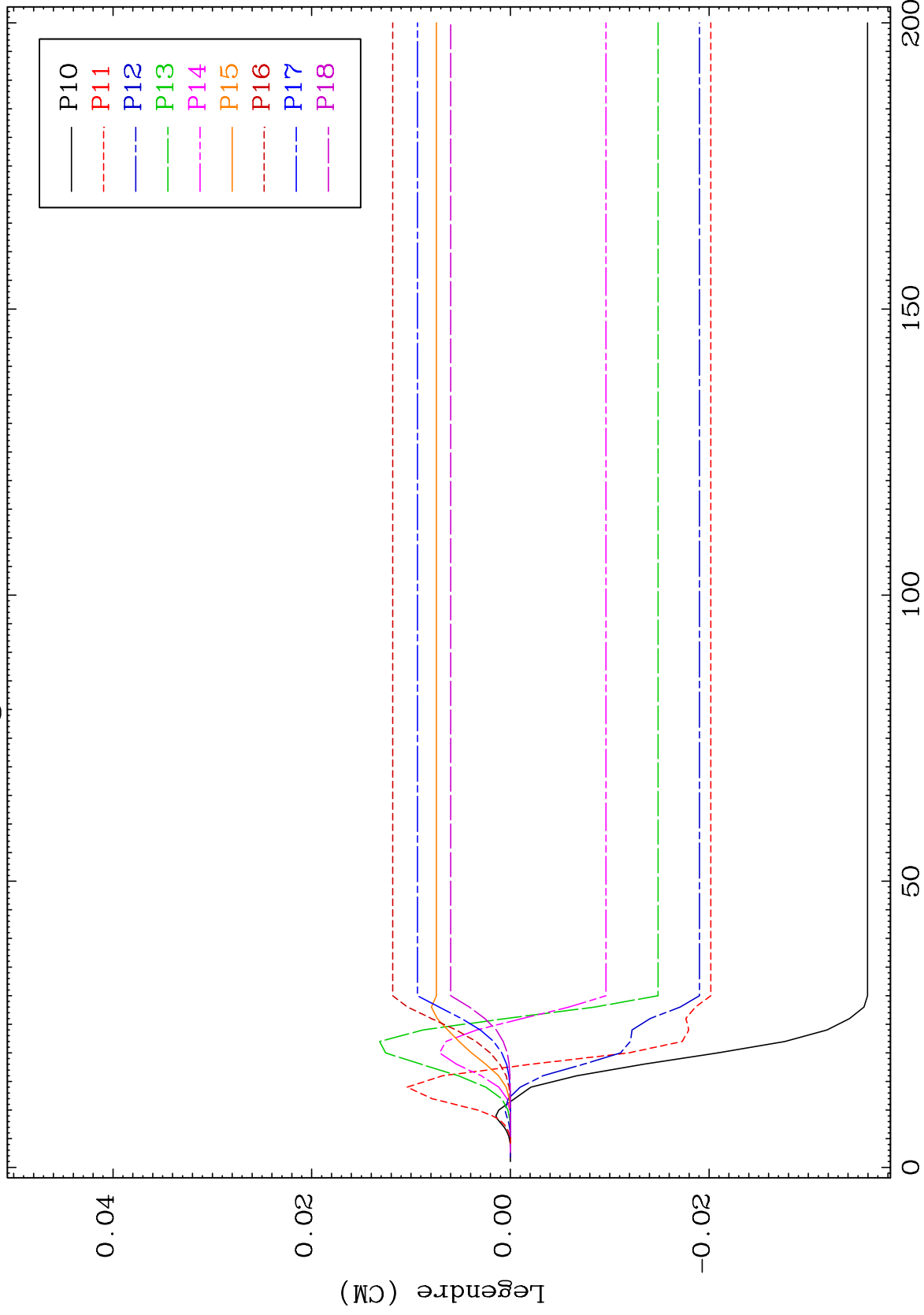


22

MAT 4107

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

41-Nb-87



23

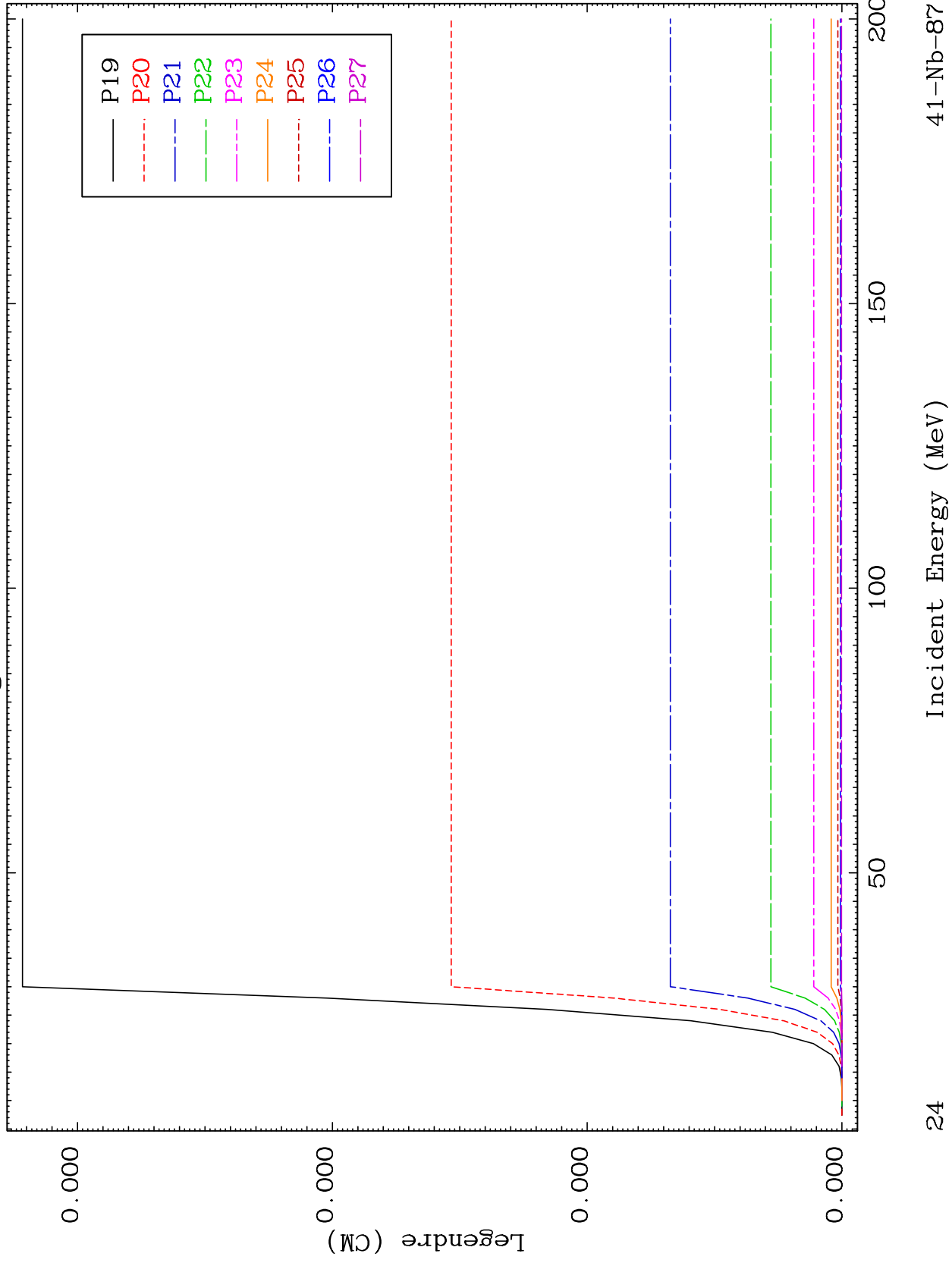
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



24

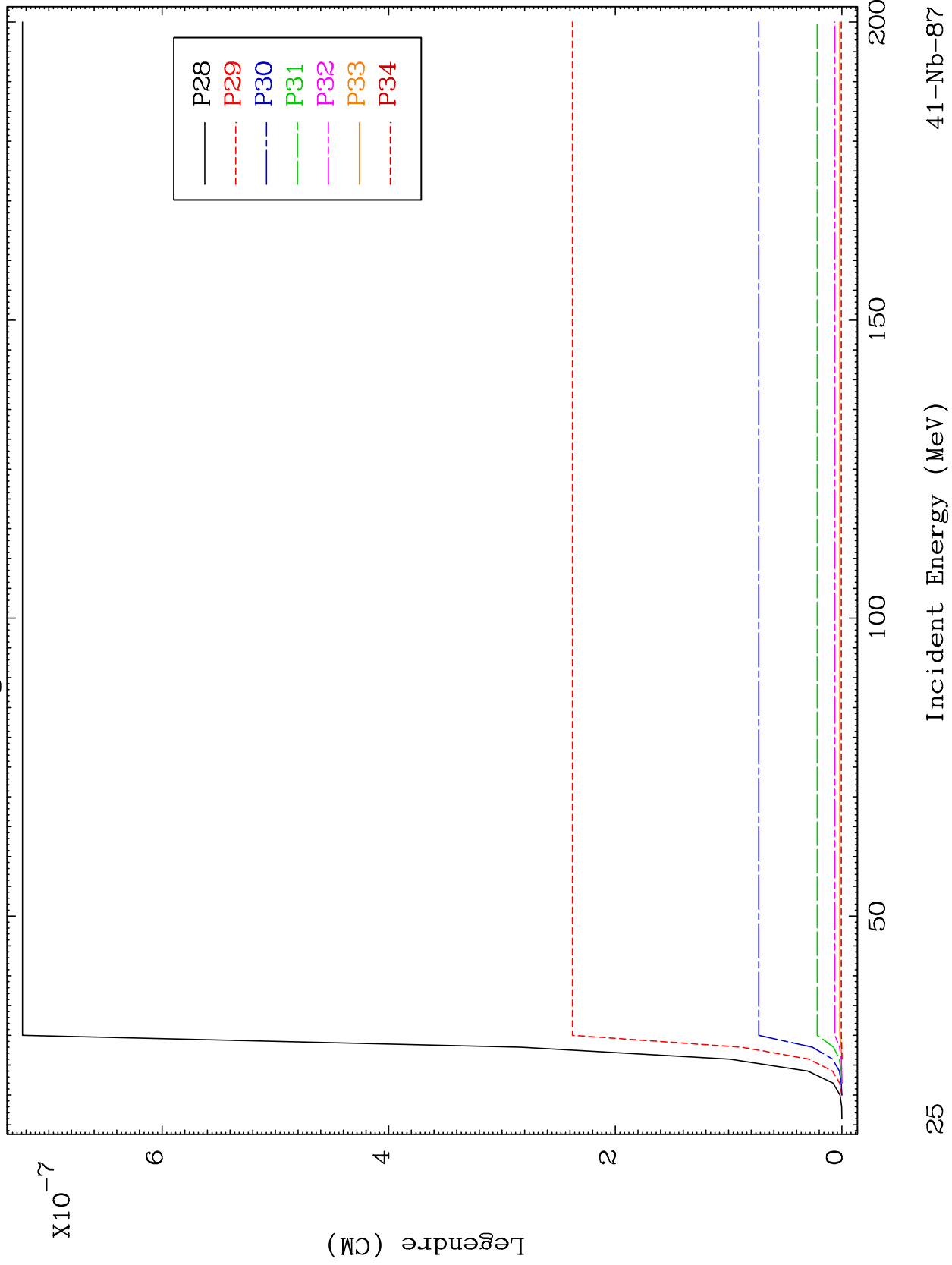
Incident Energy (MeV)

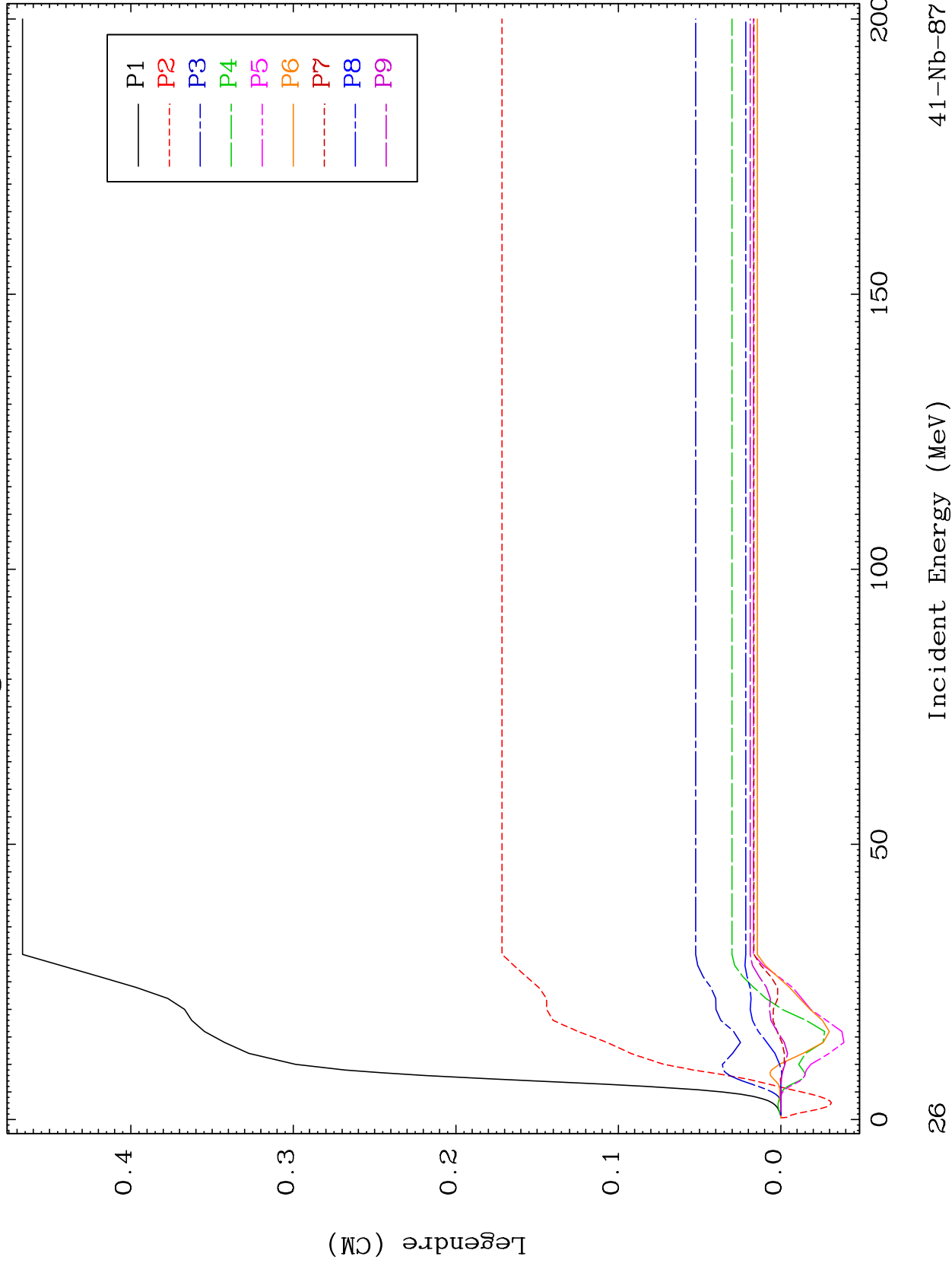
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MAT 4107

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

41-Nb-87

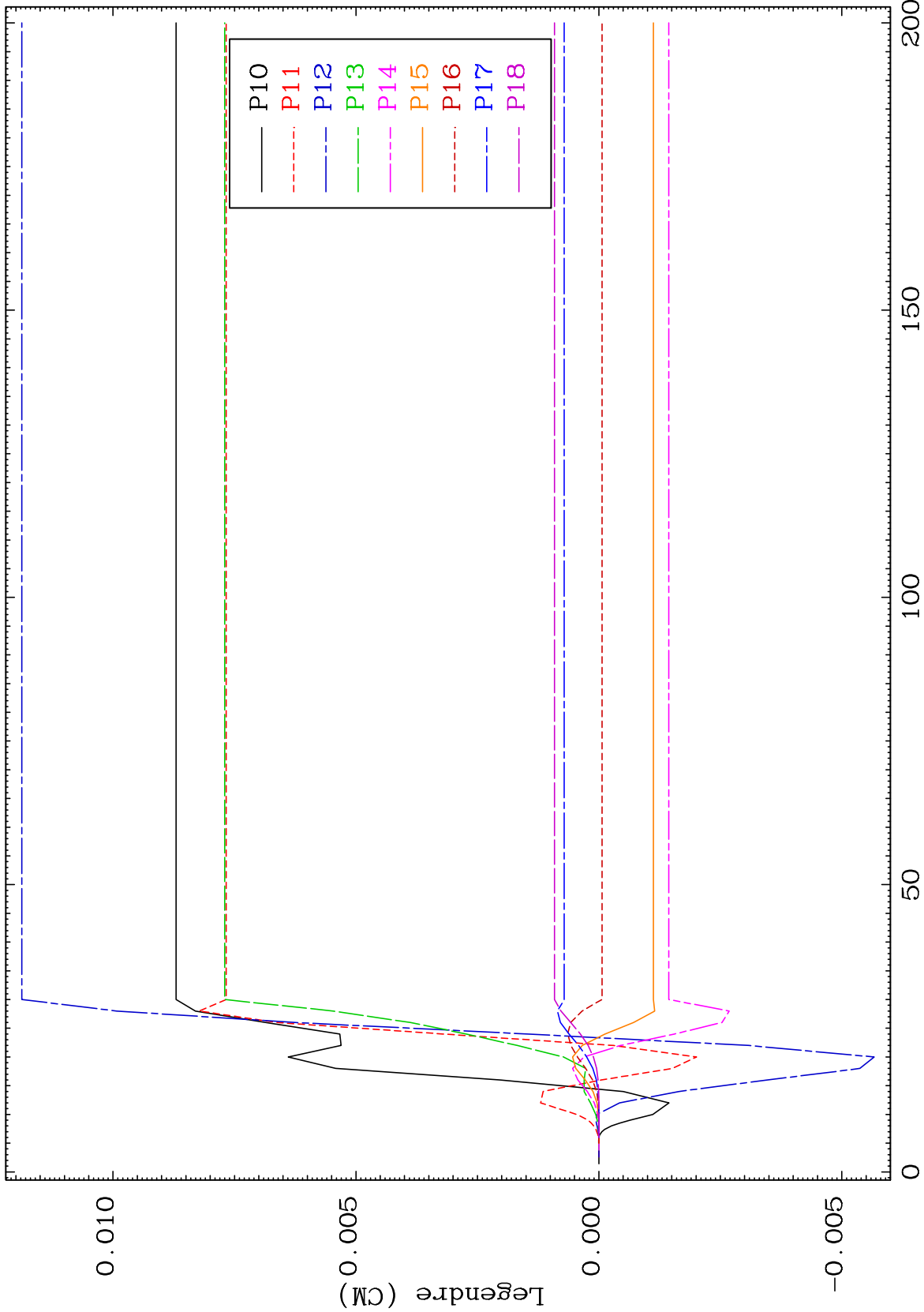




MAT 4107

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

41-Nb-87



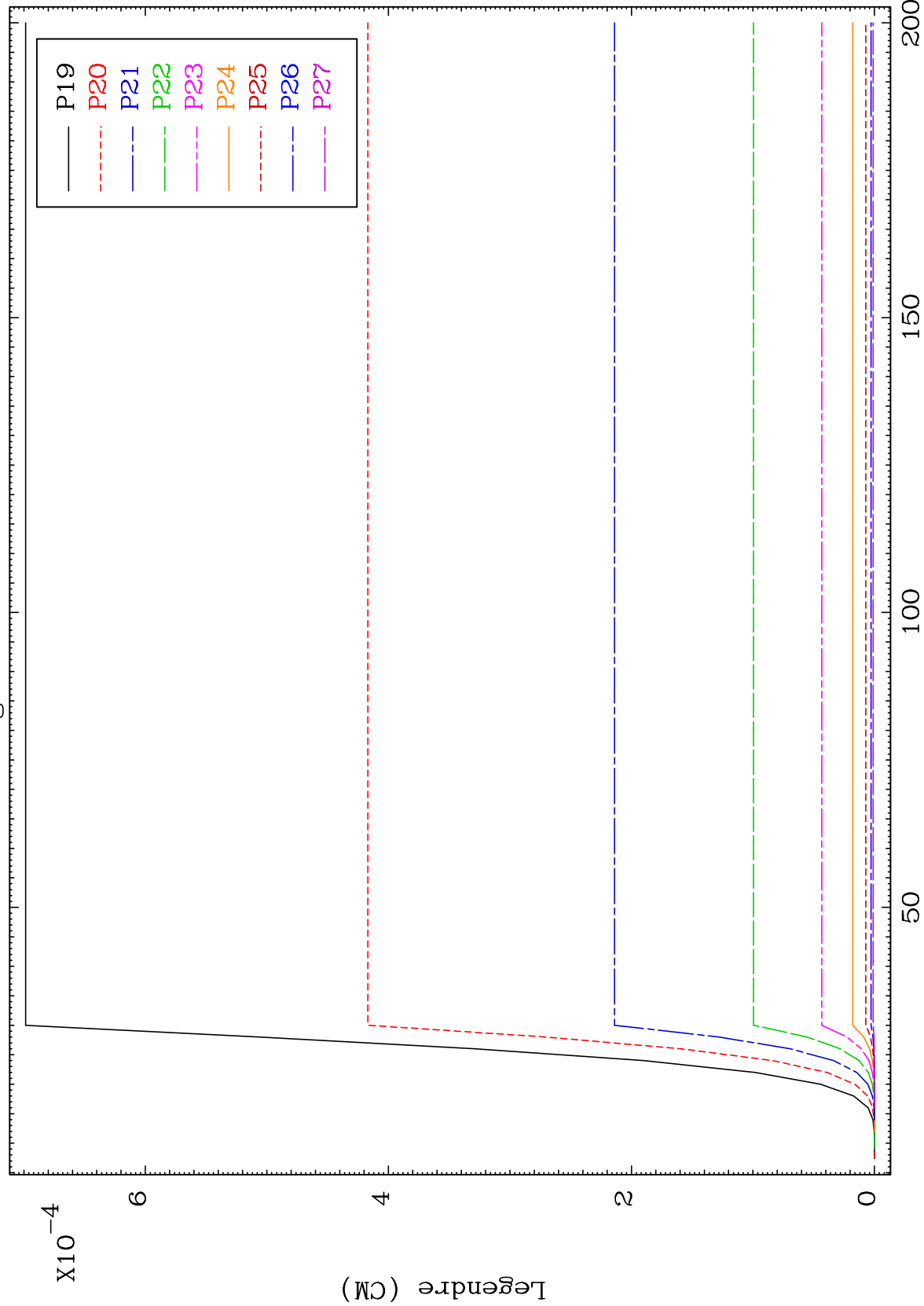
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41-Nb-87

MAT 4107

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

41-Nb-87



28

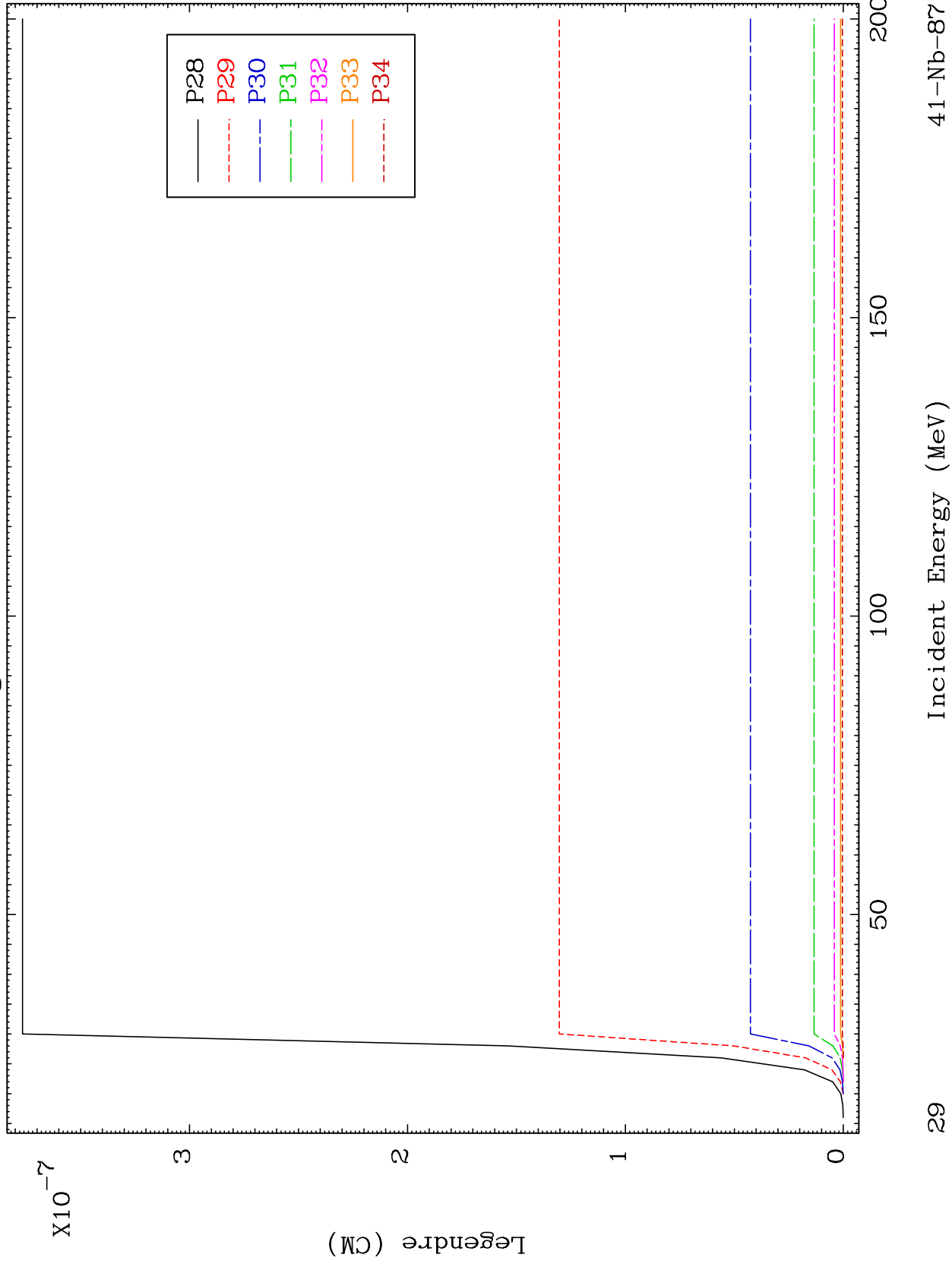
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



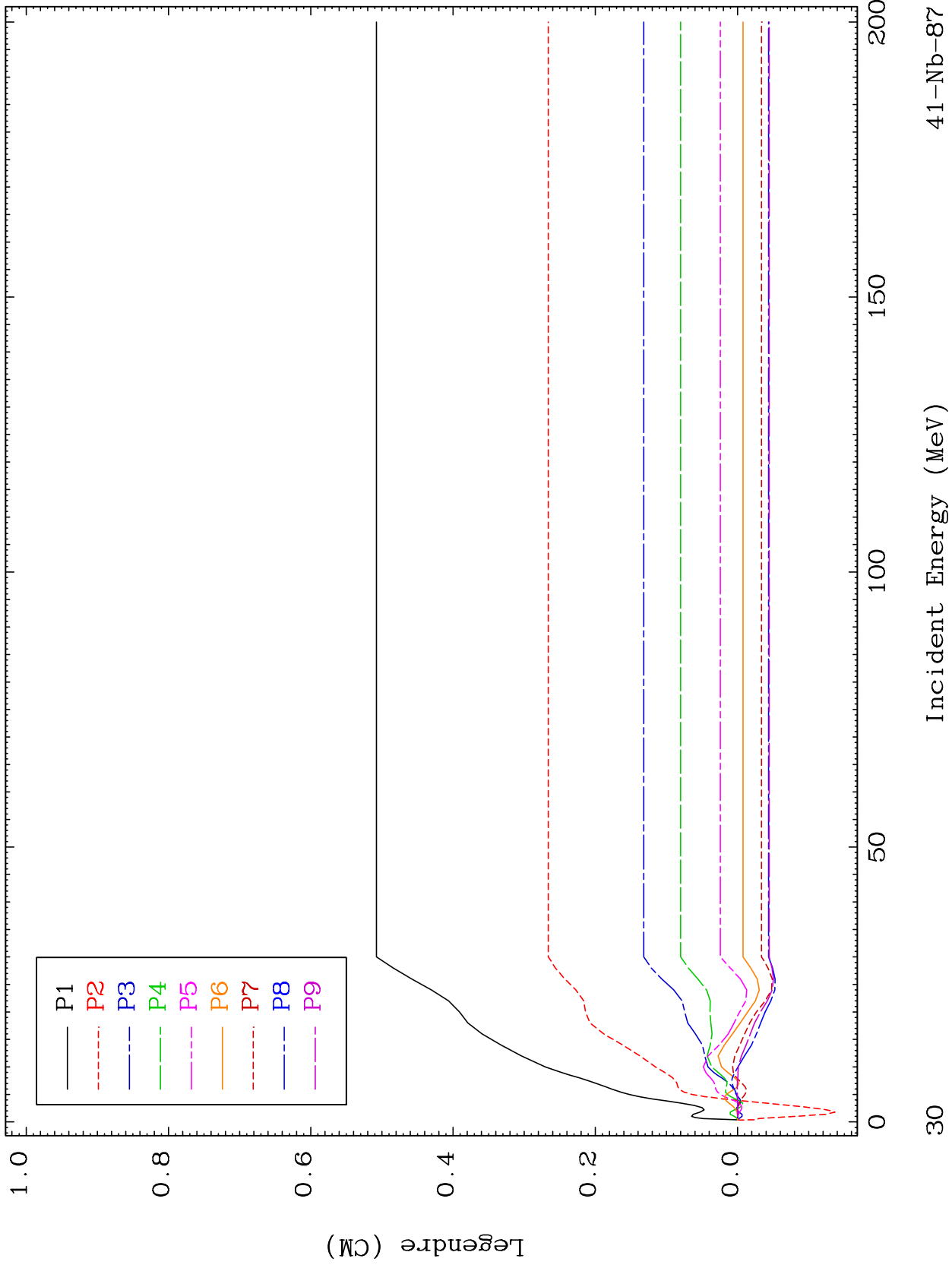
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41-Nb-87

MAT 4107

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

41-Nb-87



41-Nb-87

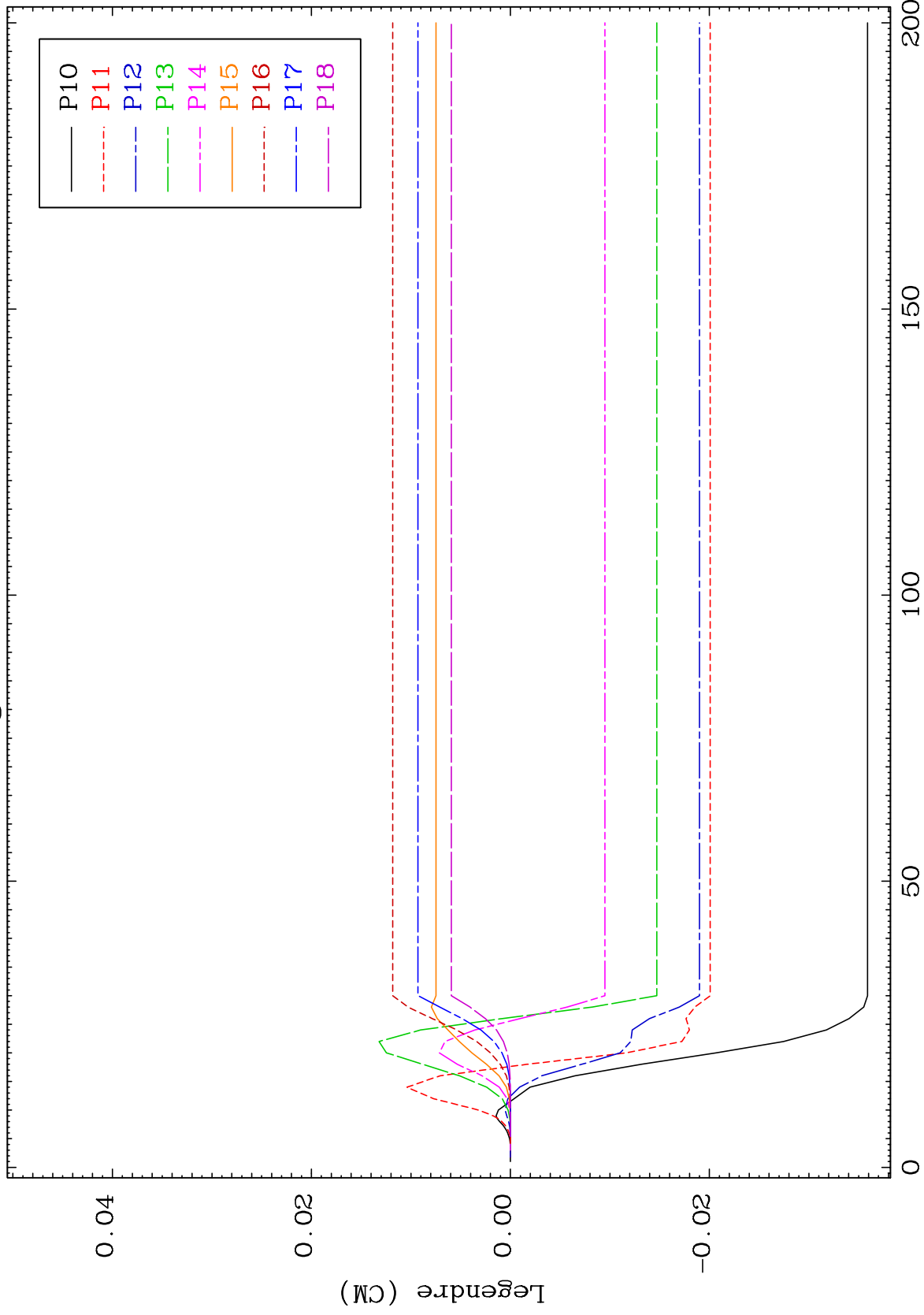
Incident Energy (MeV)

30

MAT 4107

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

41-Nb-87



31

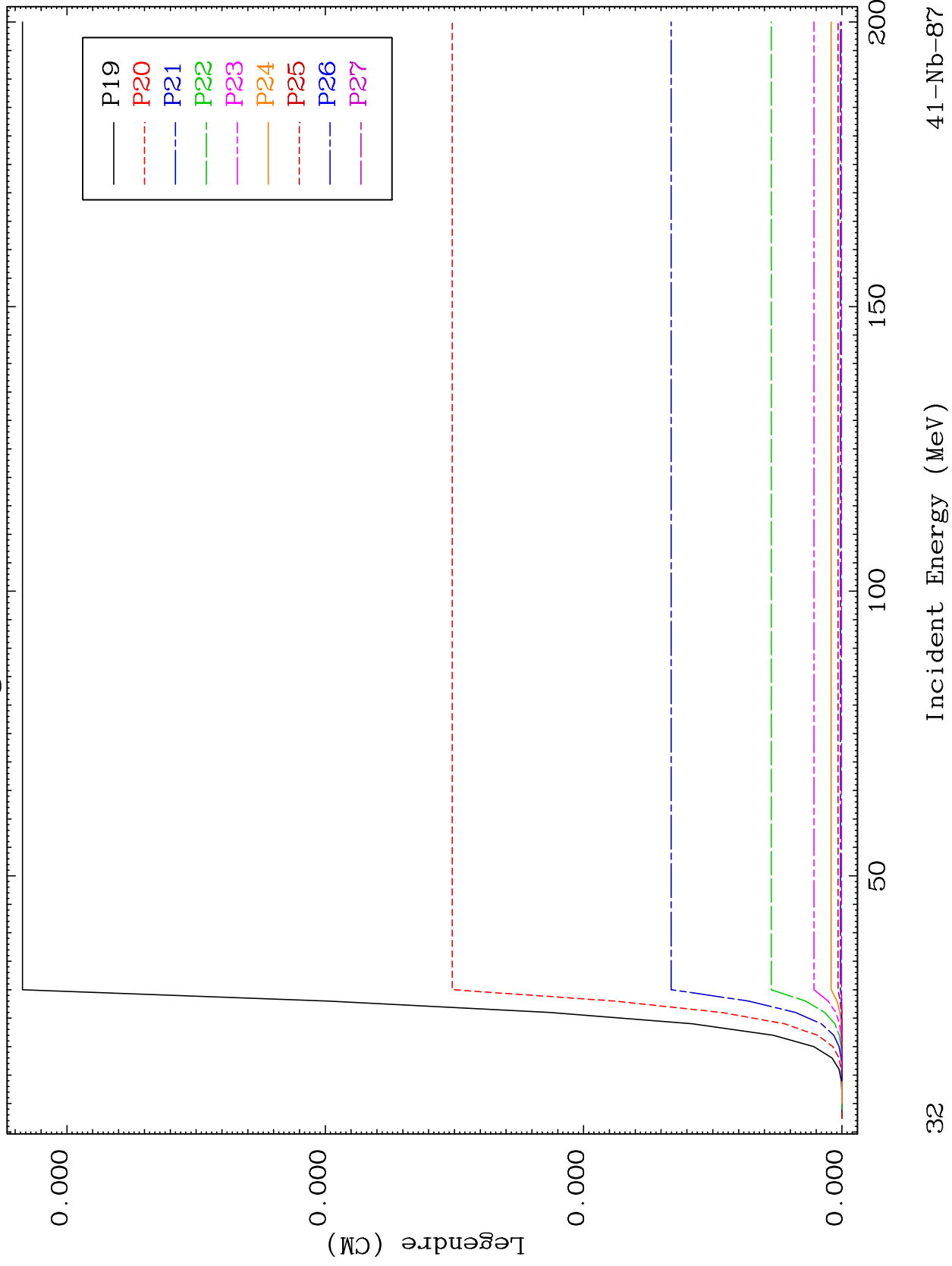
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



32

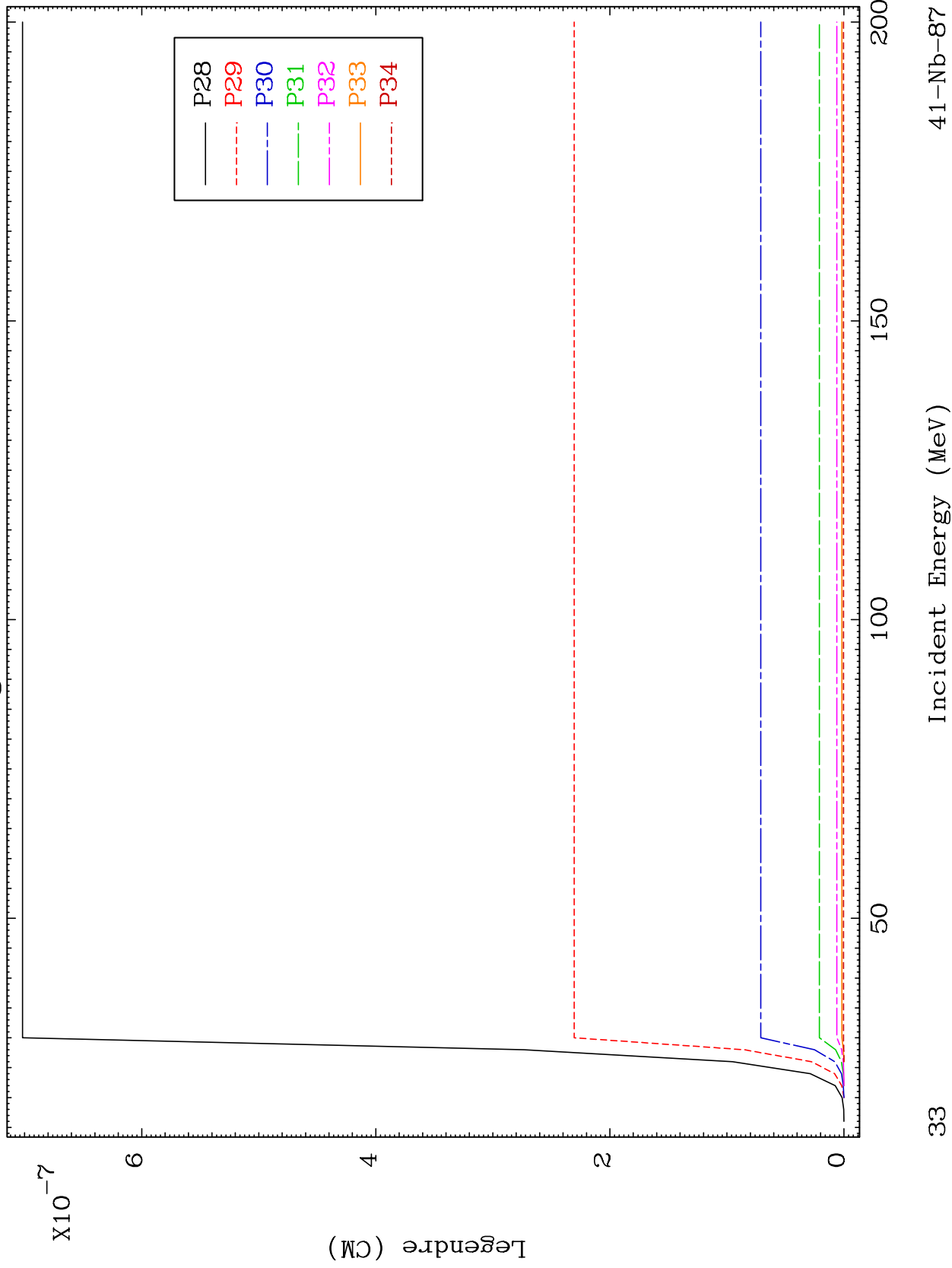
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

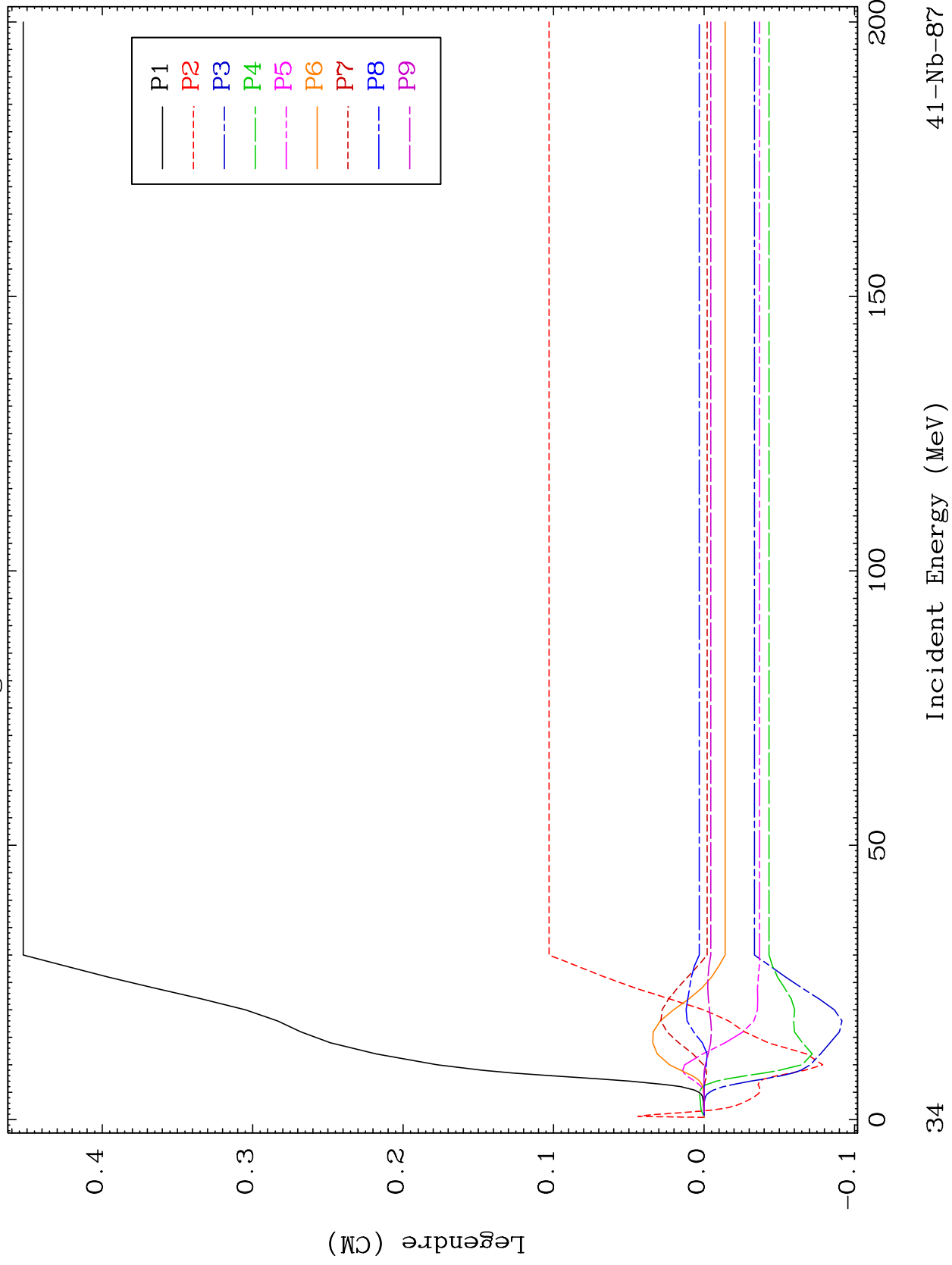
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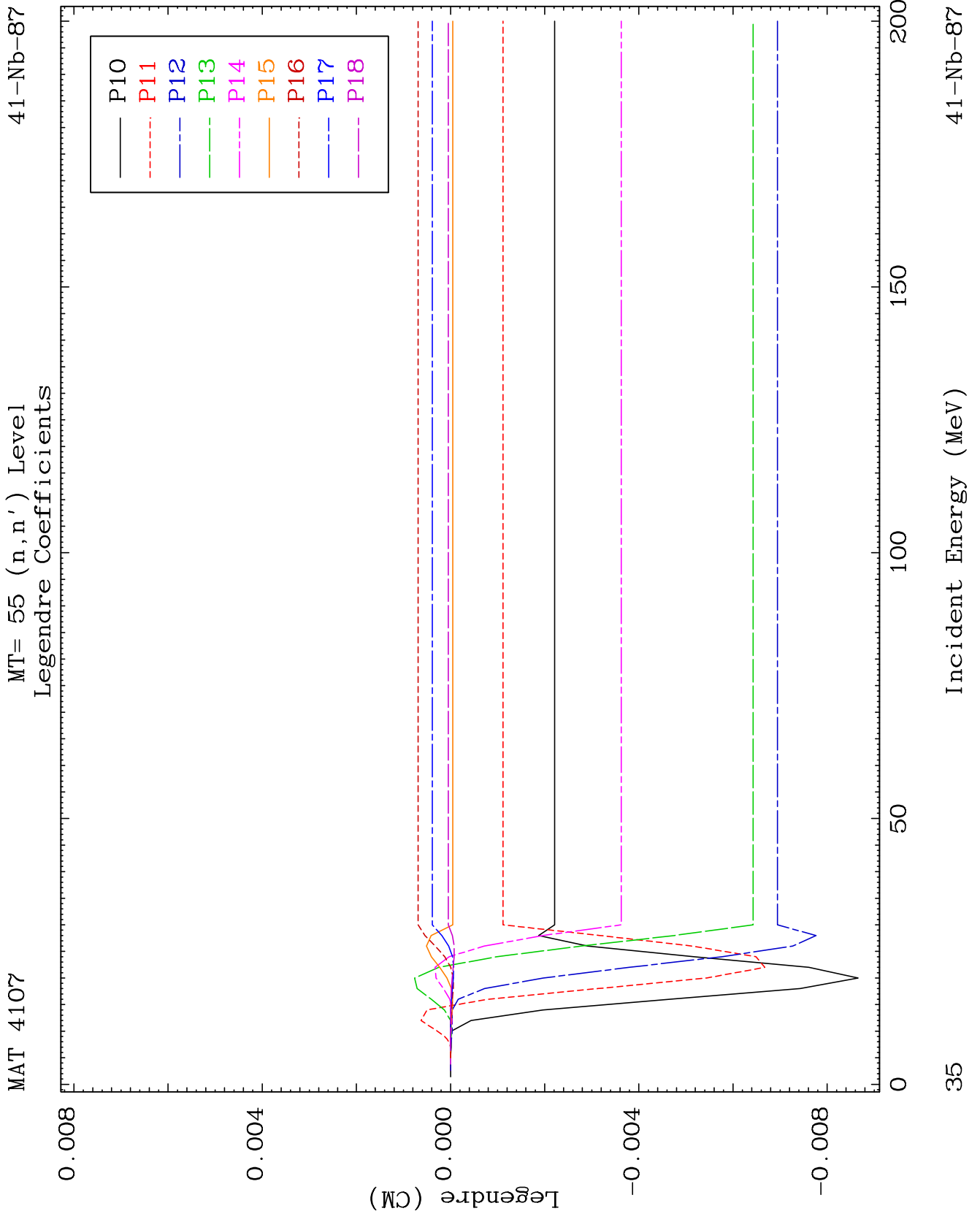
MT= 55 (n,n') Level
Legendre Coefficients

41-Nb-87



34

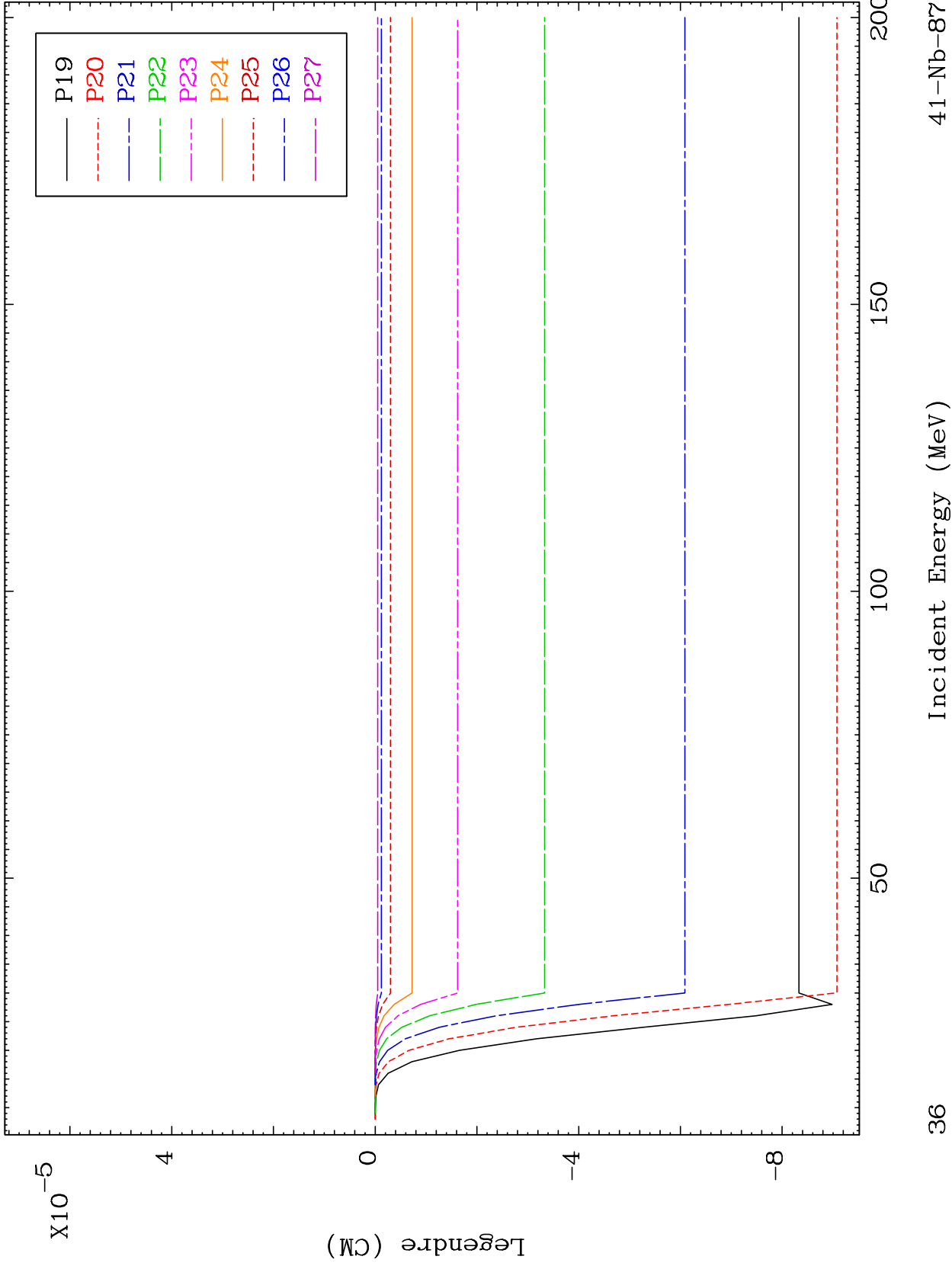
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MAT 4107

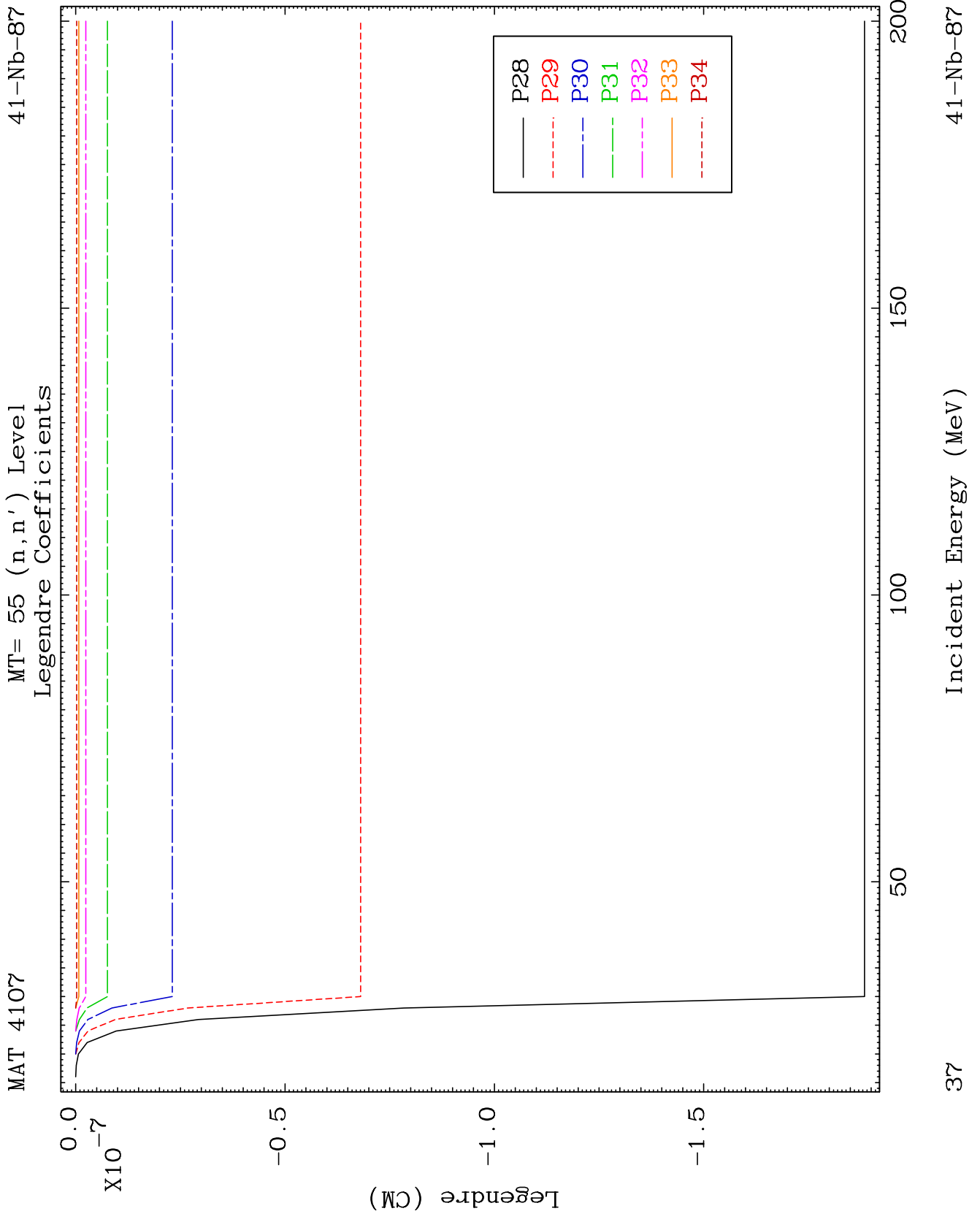
MT= 55 (n,n') Level
Legendre Coefficients

41-Nb-87



36

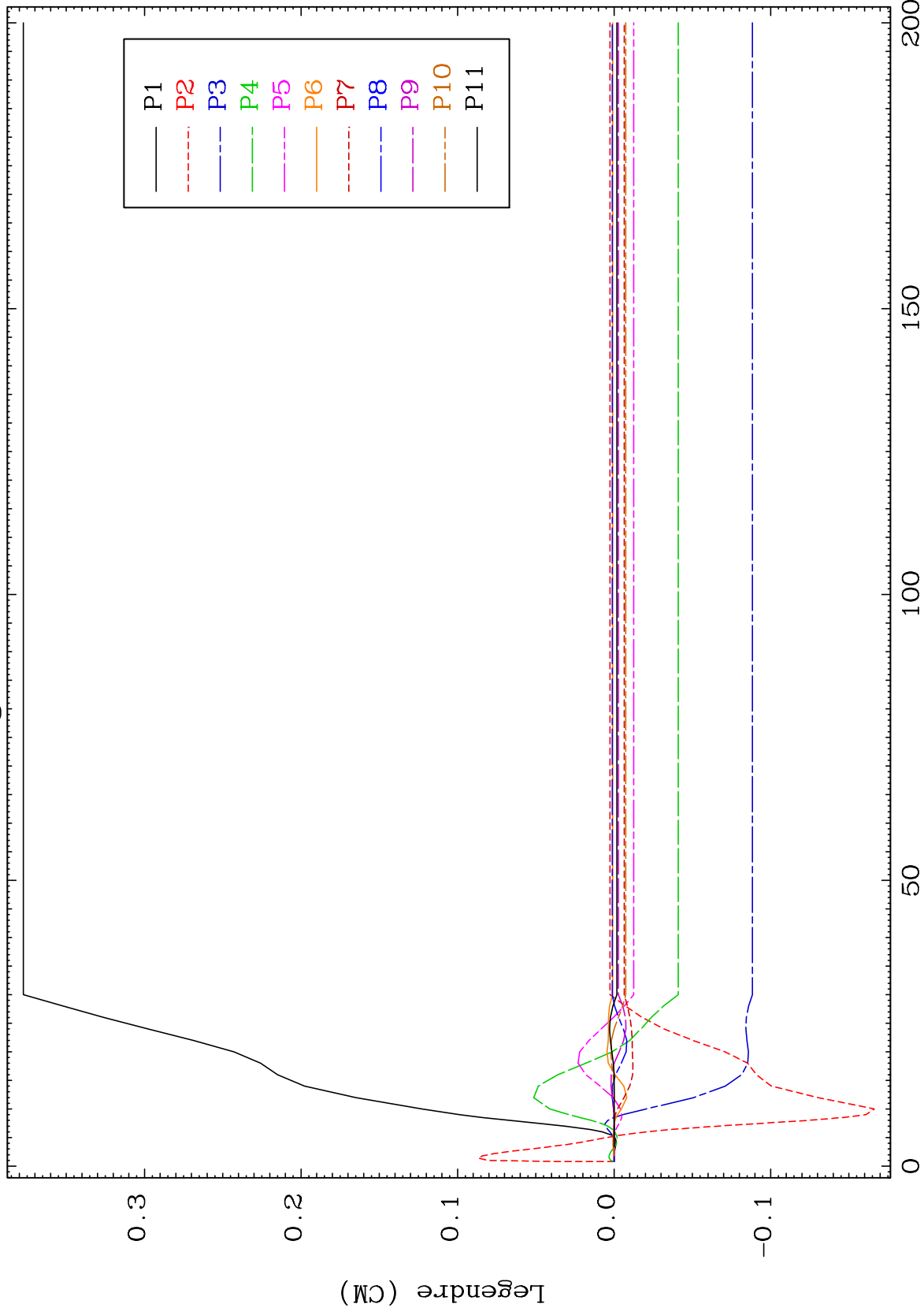
41-Nb-87



MAT 4107

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

41-Nb-87



38

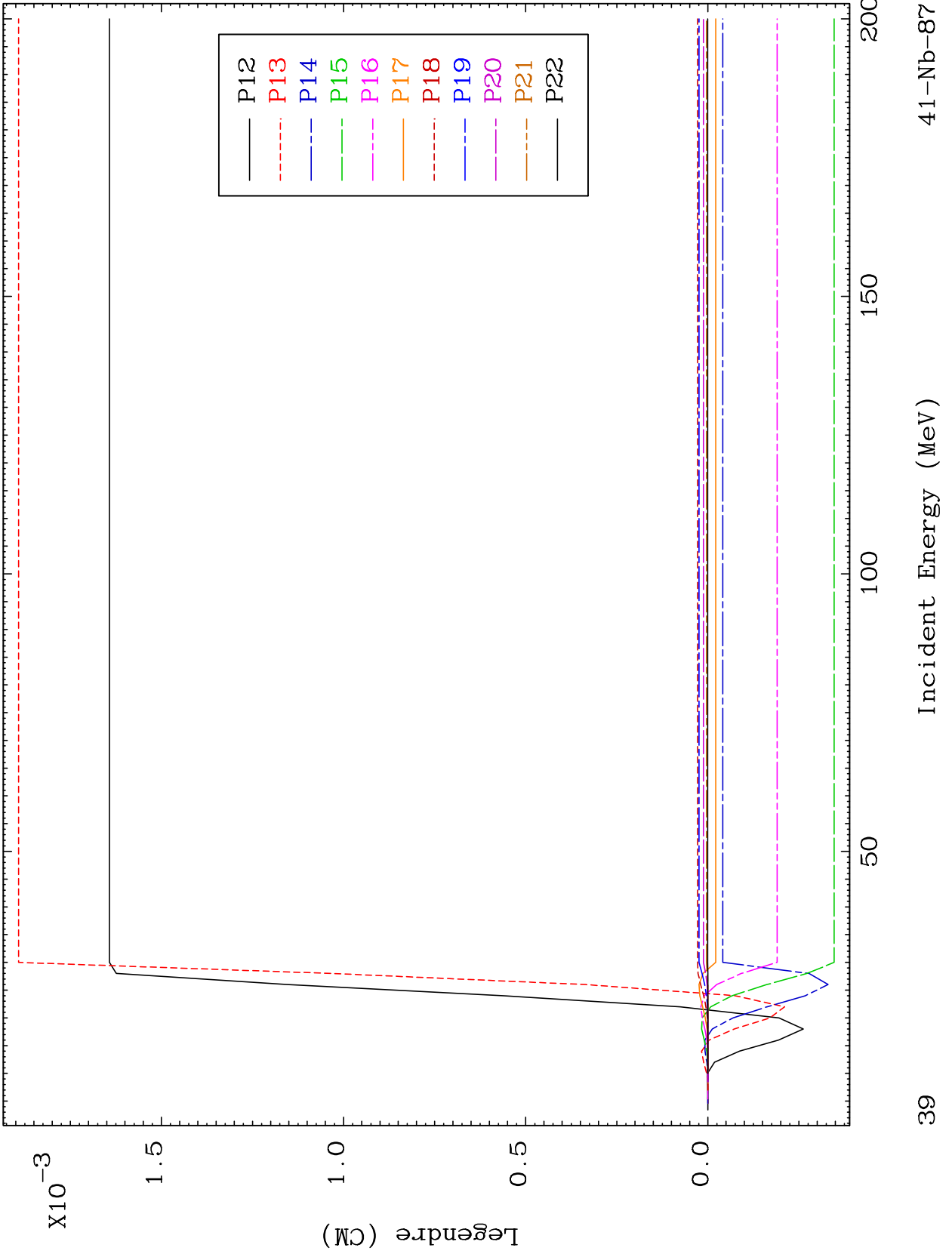
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



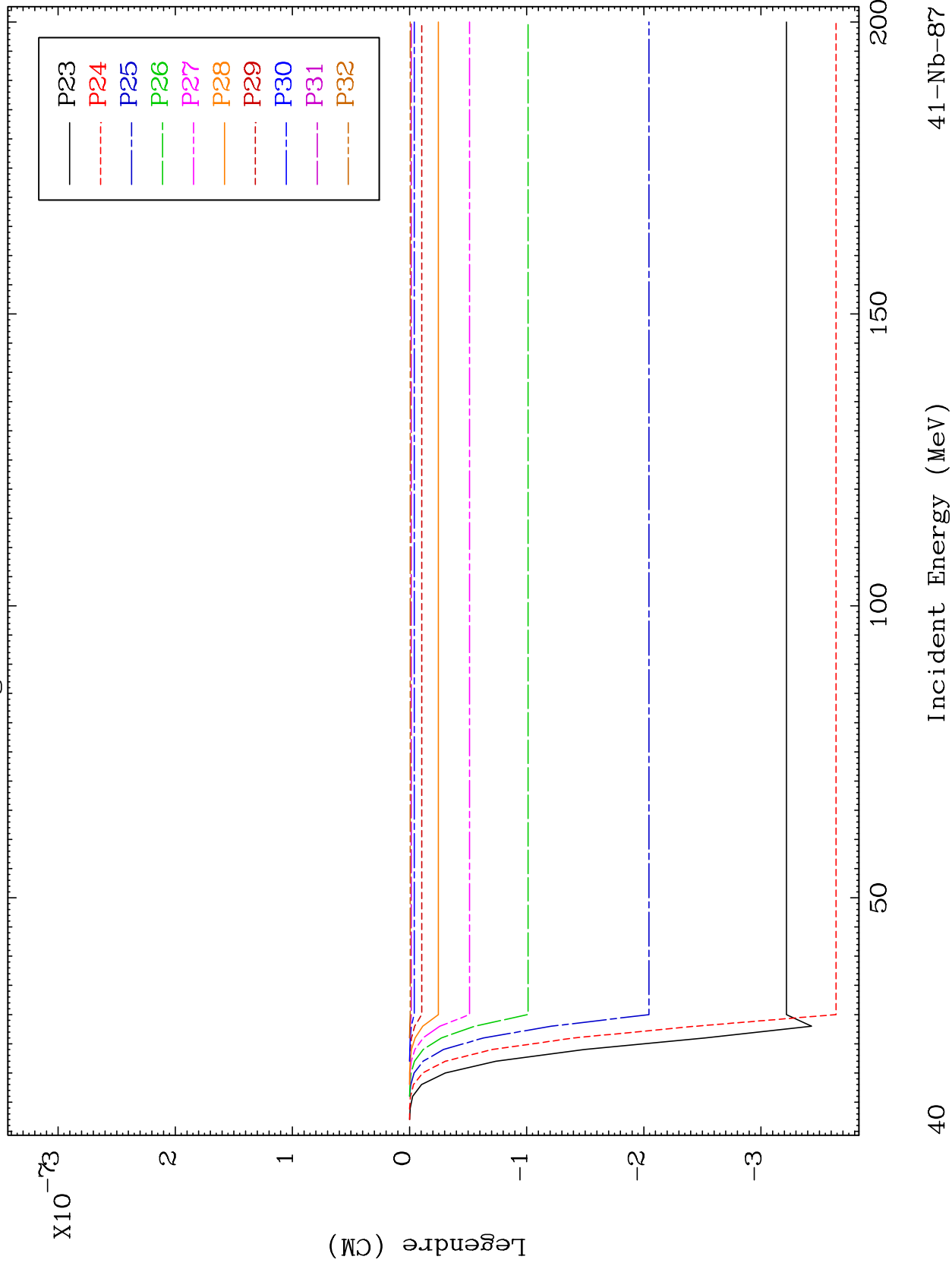
39

41-Nb-87

MAT 4107

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

41-Nb-87



40

Incident Energy (MeV)

50

100

150

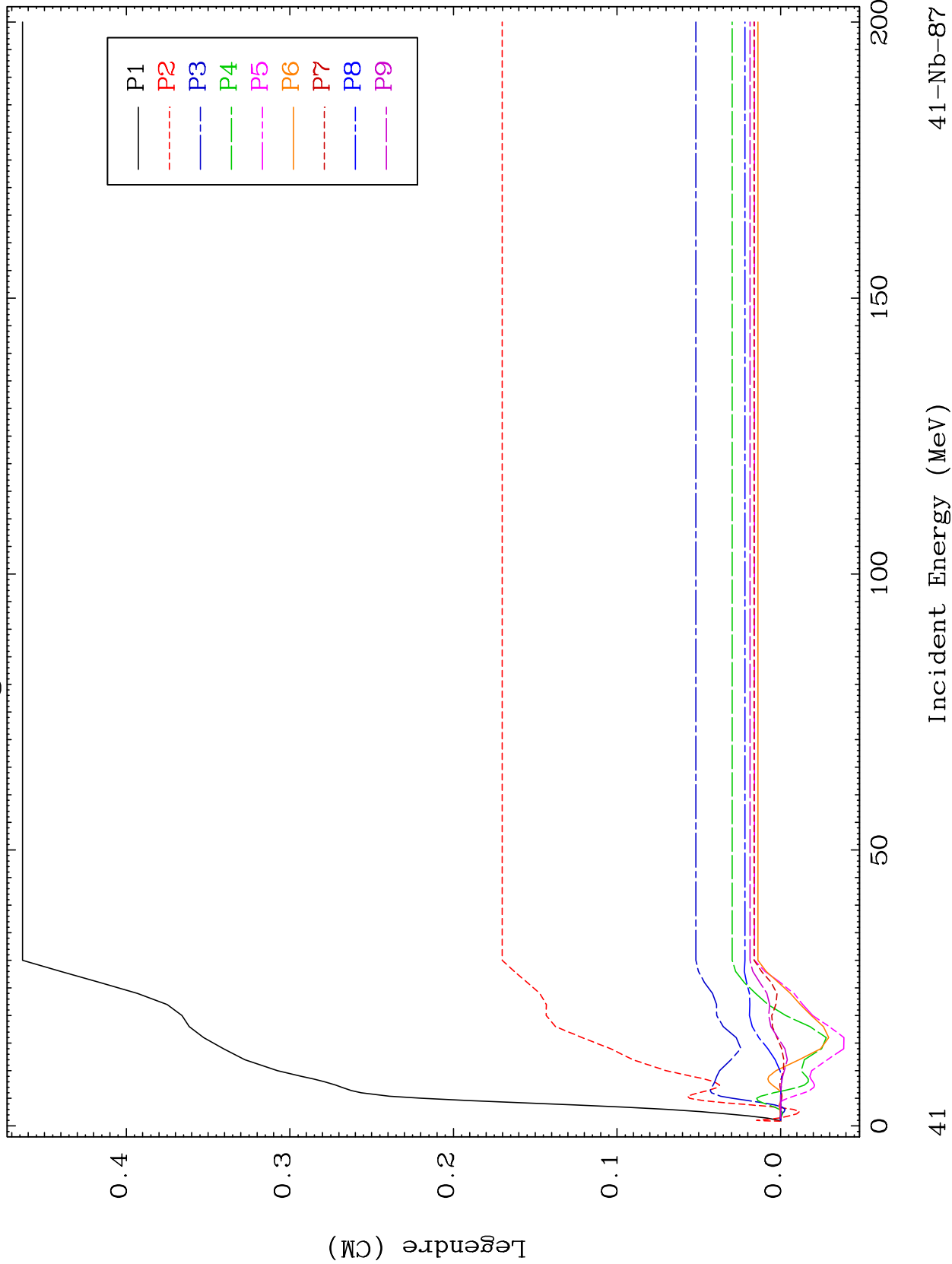
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41-Nb-87

MAT 4107

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

41-Nb-87



41-Nb-87

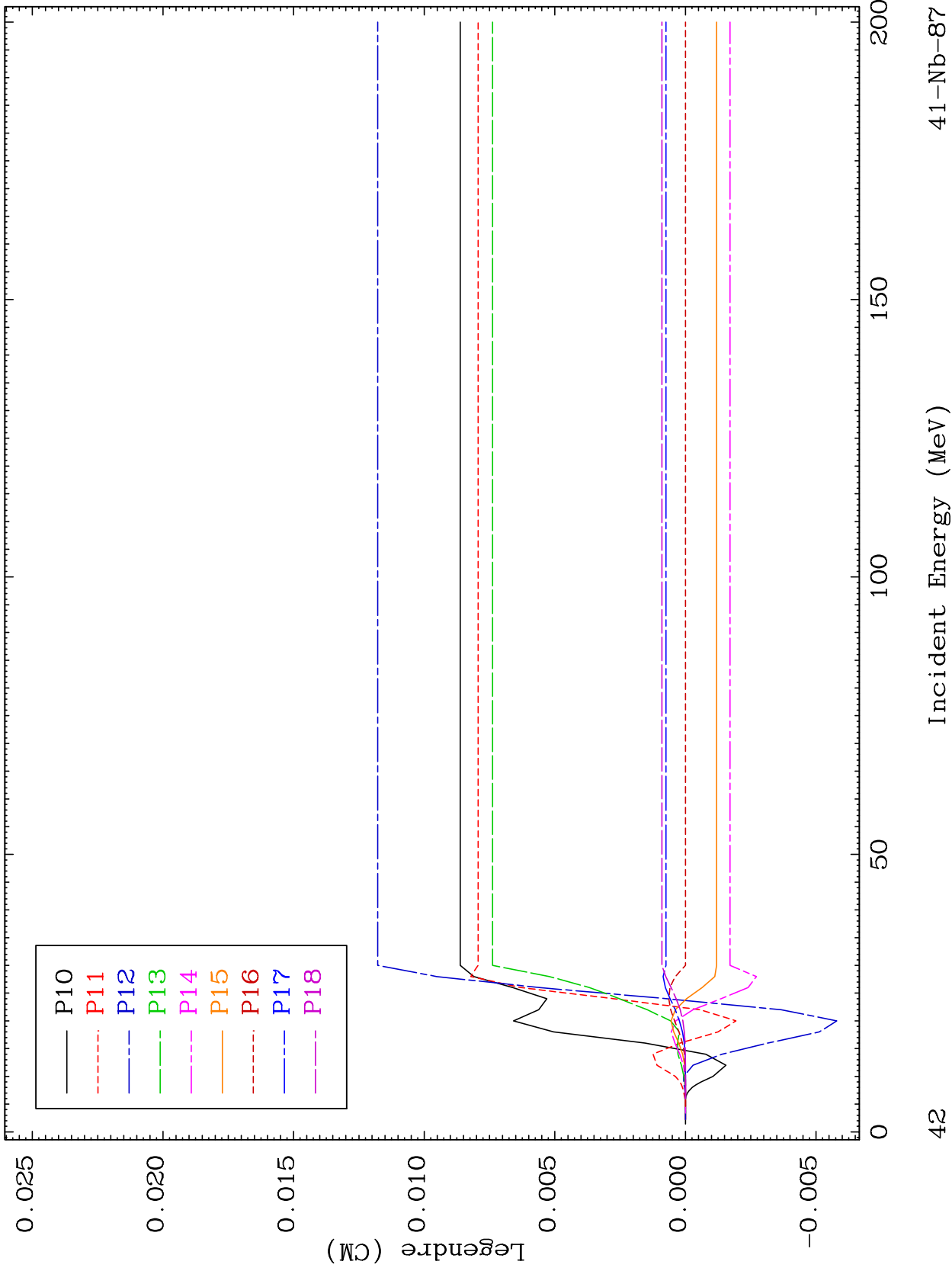
Incident Energy (MeV)

41

MAT 4107

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

41-Nb-87



42

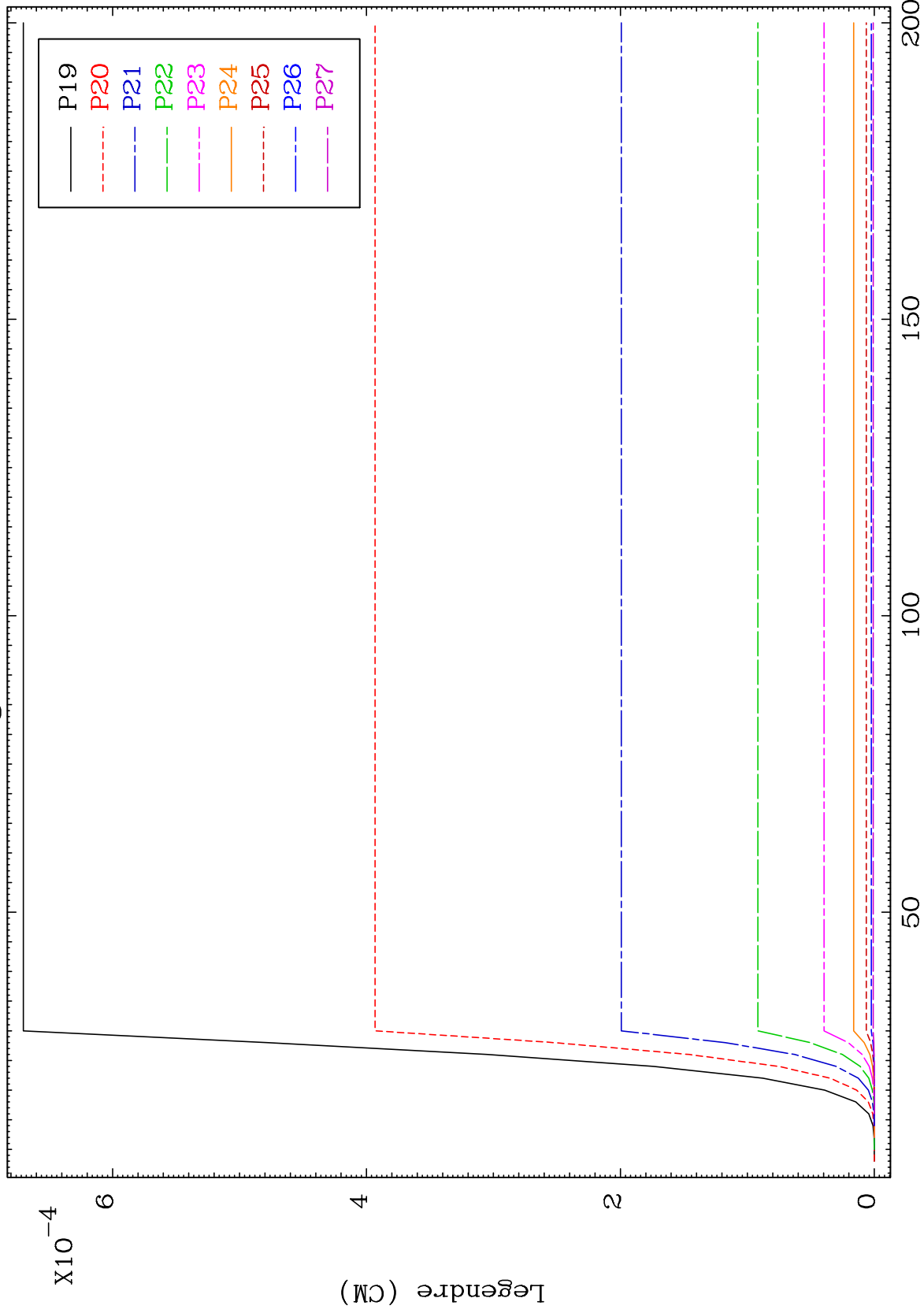
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



43

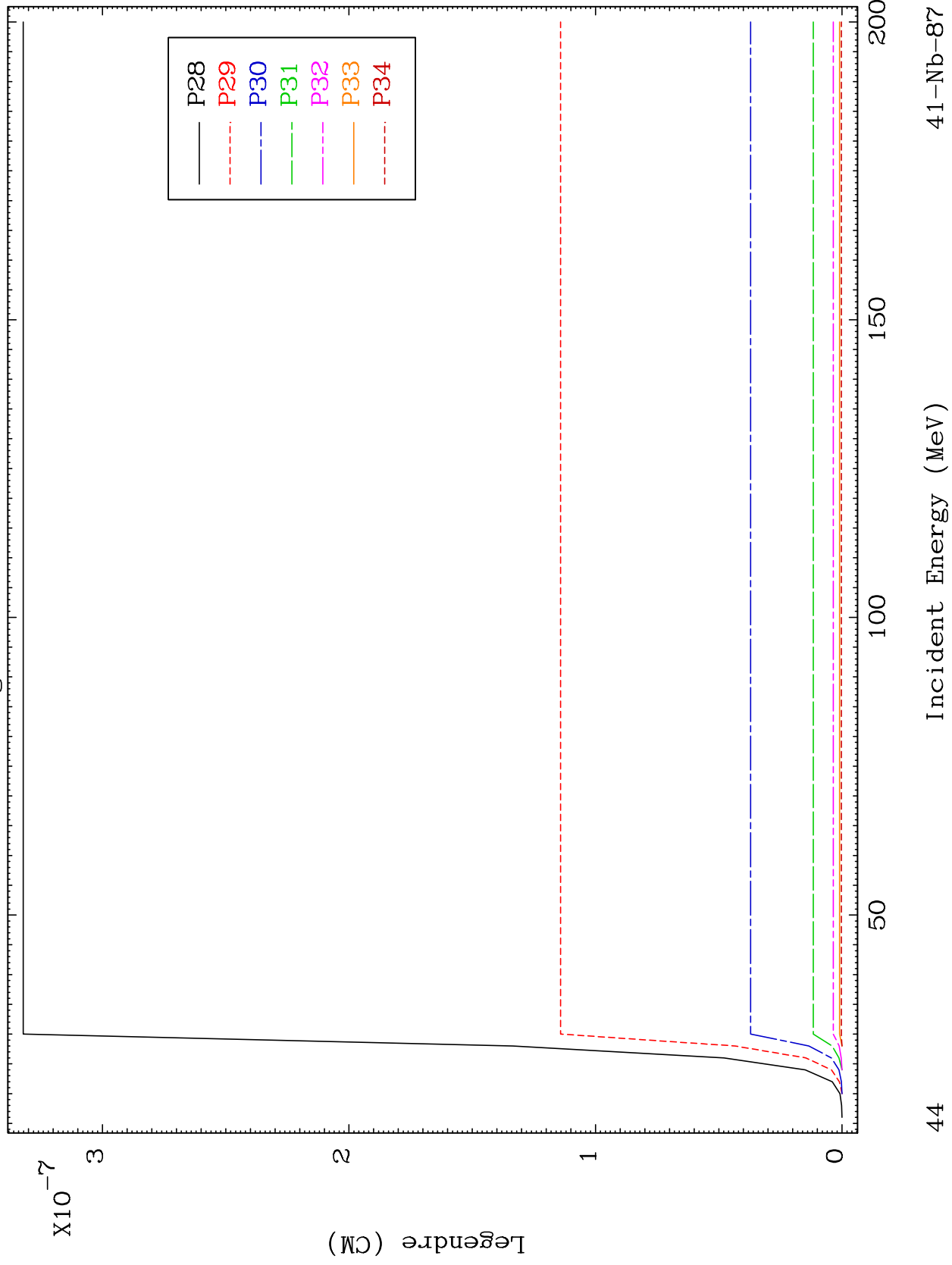
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87

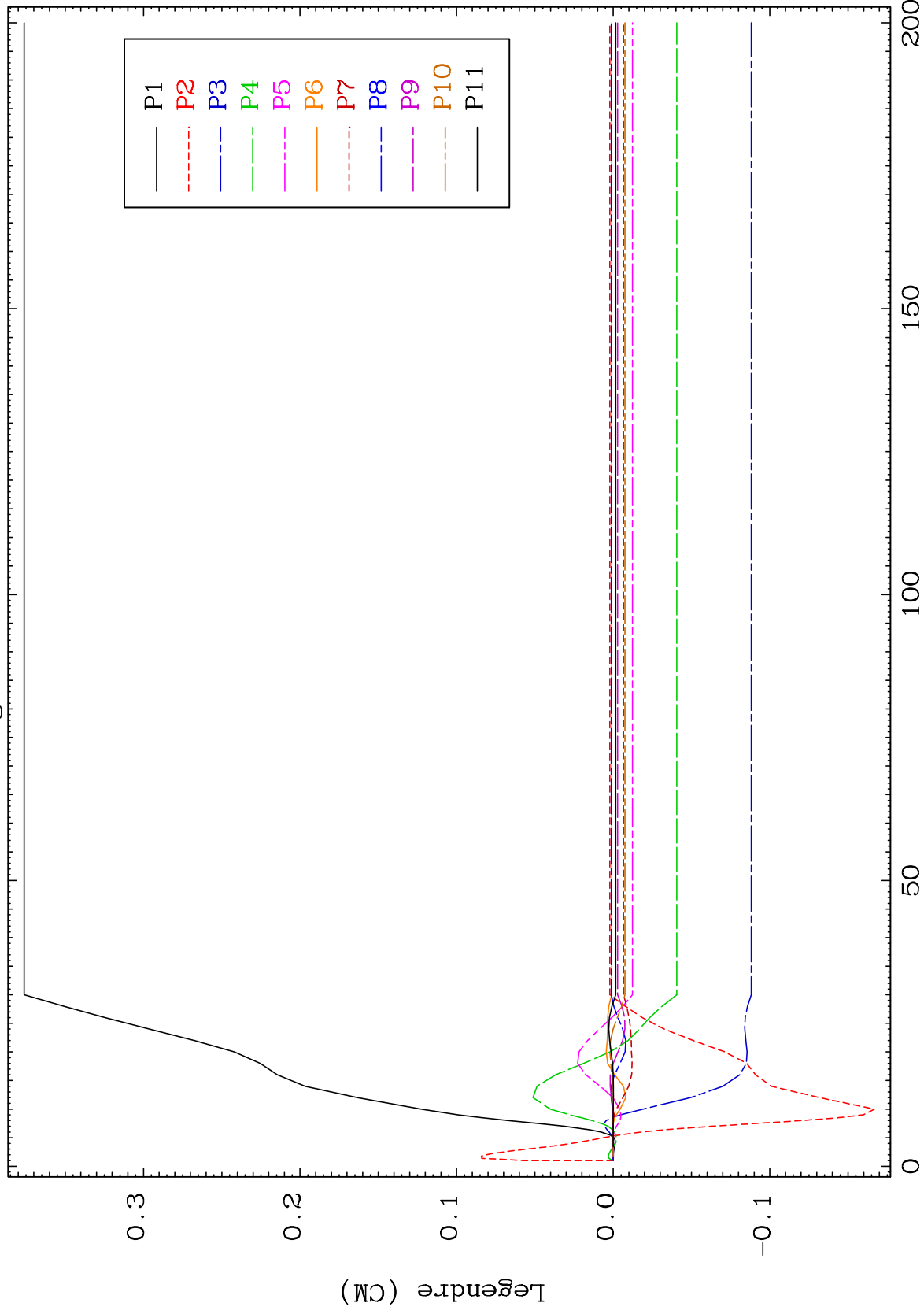


44

MAT 4107

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

41-Nb-87



45

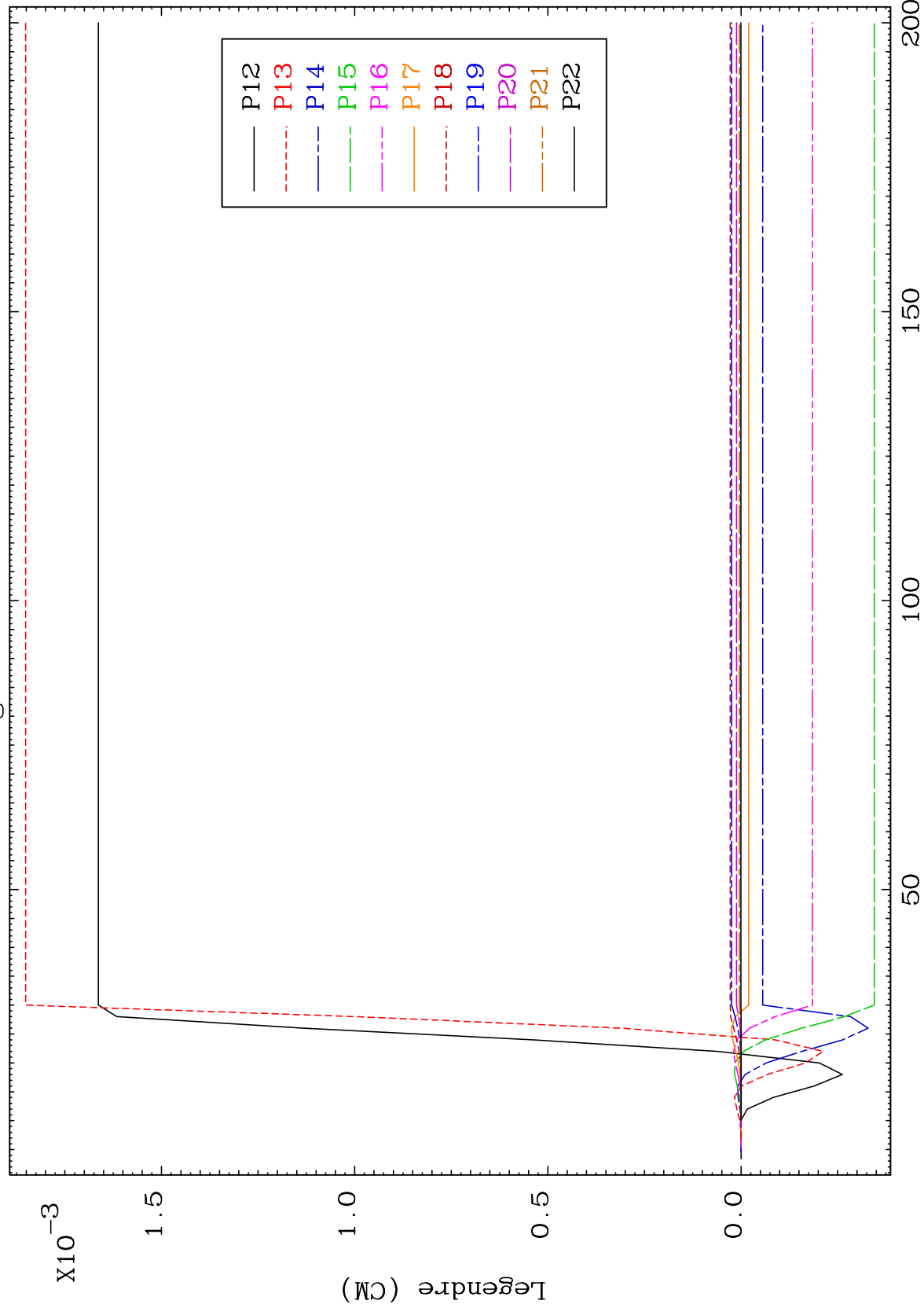
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



46

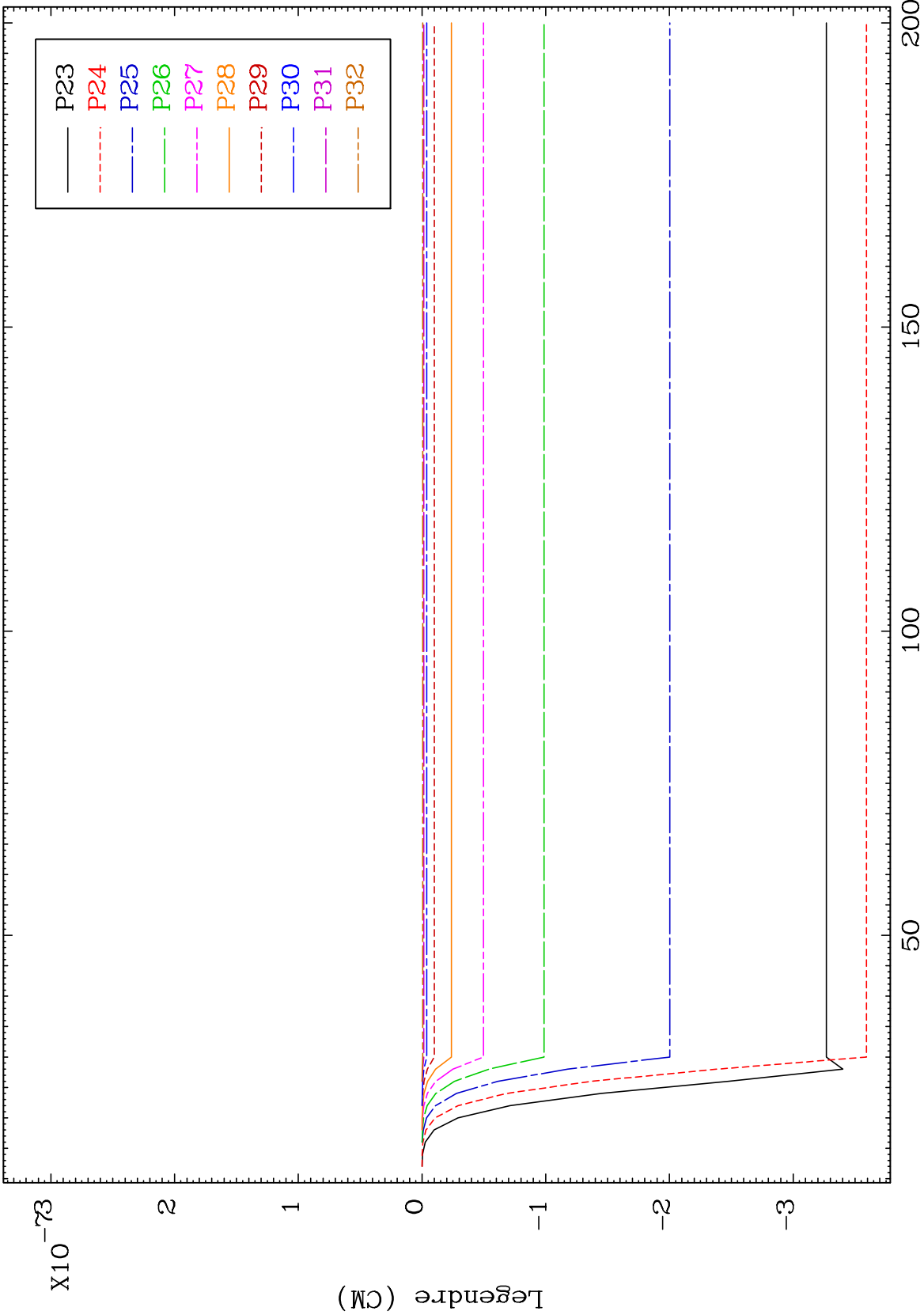
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



47

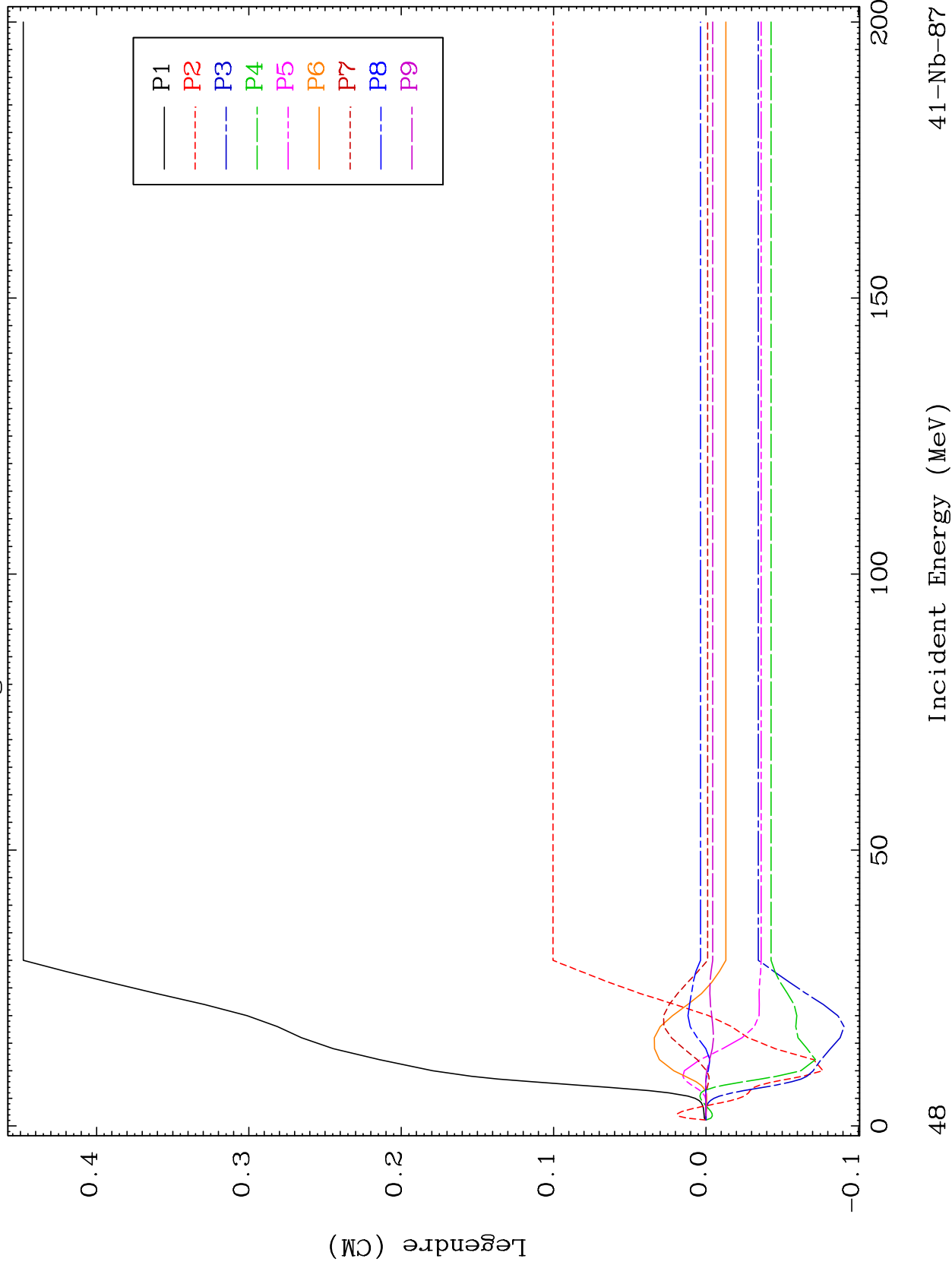
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



41-Nb-87

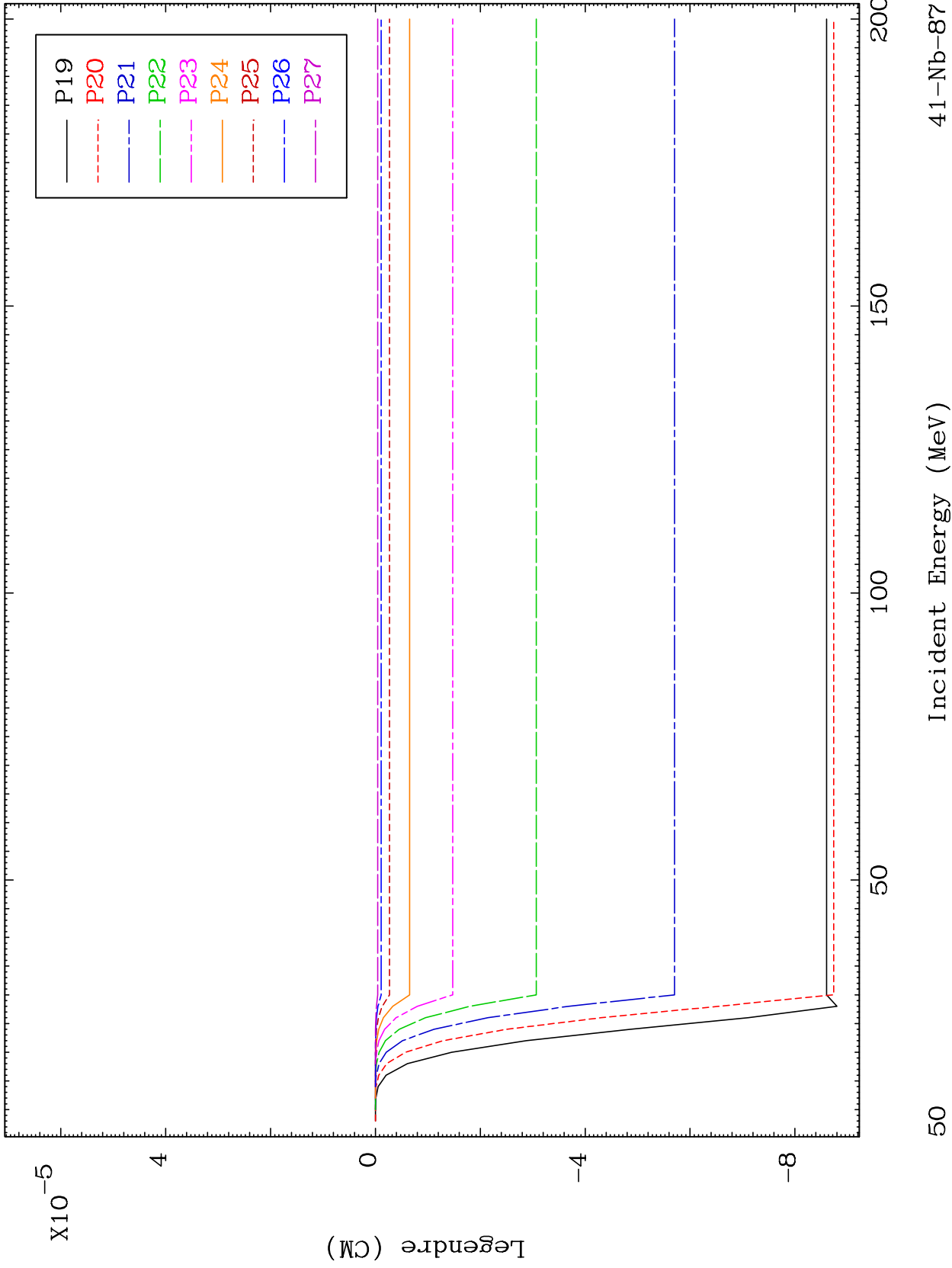
Incident Energy (MeV)

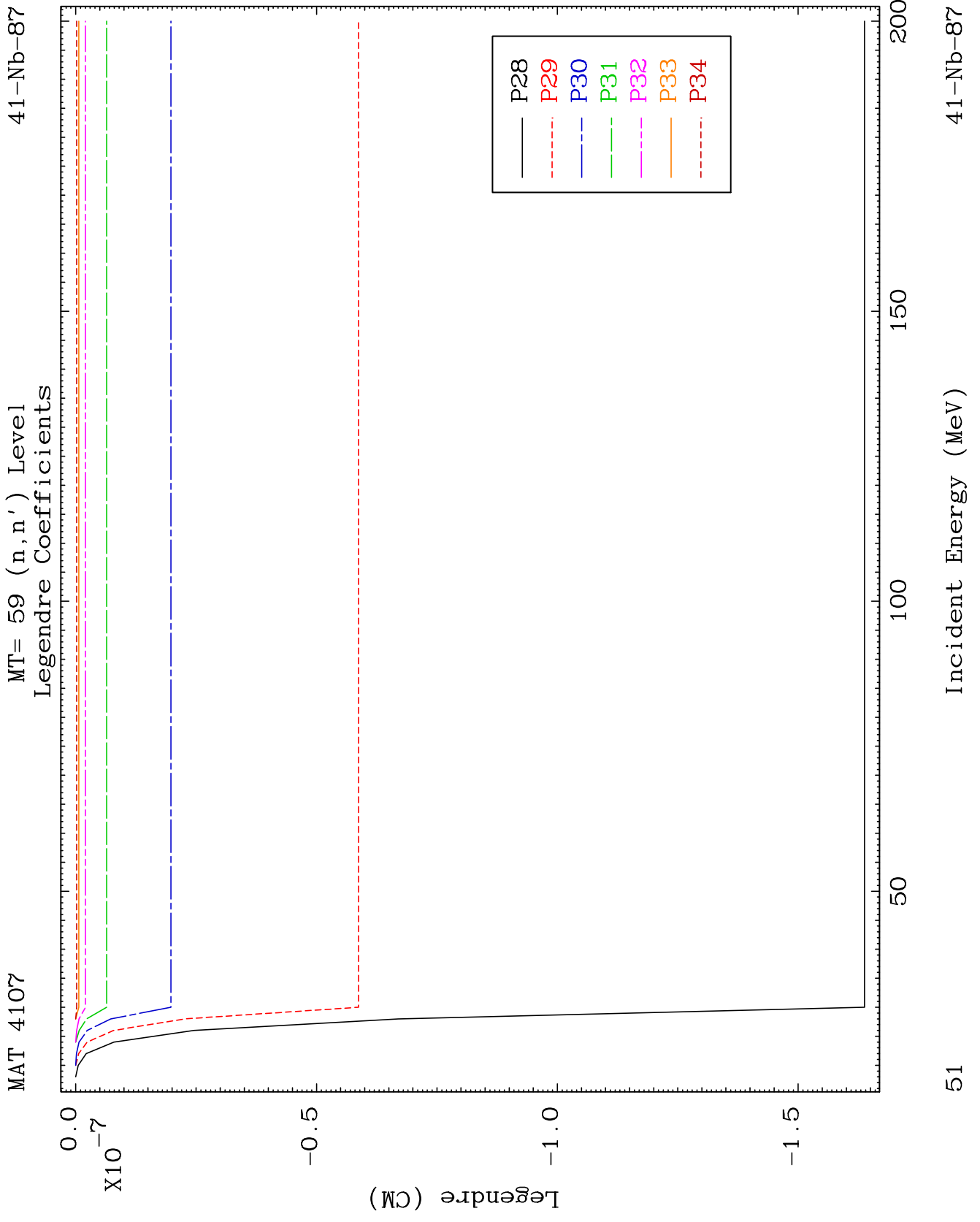
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MAT 4107

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

41-Nb-87

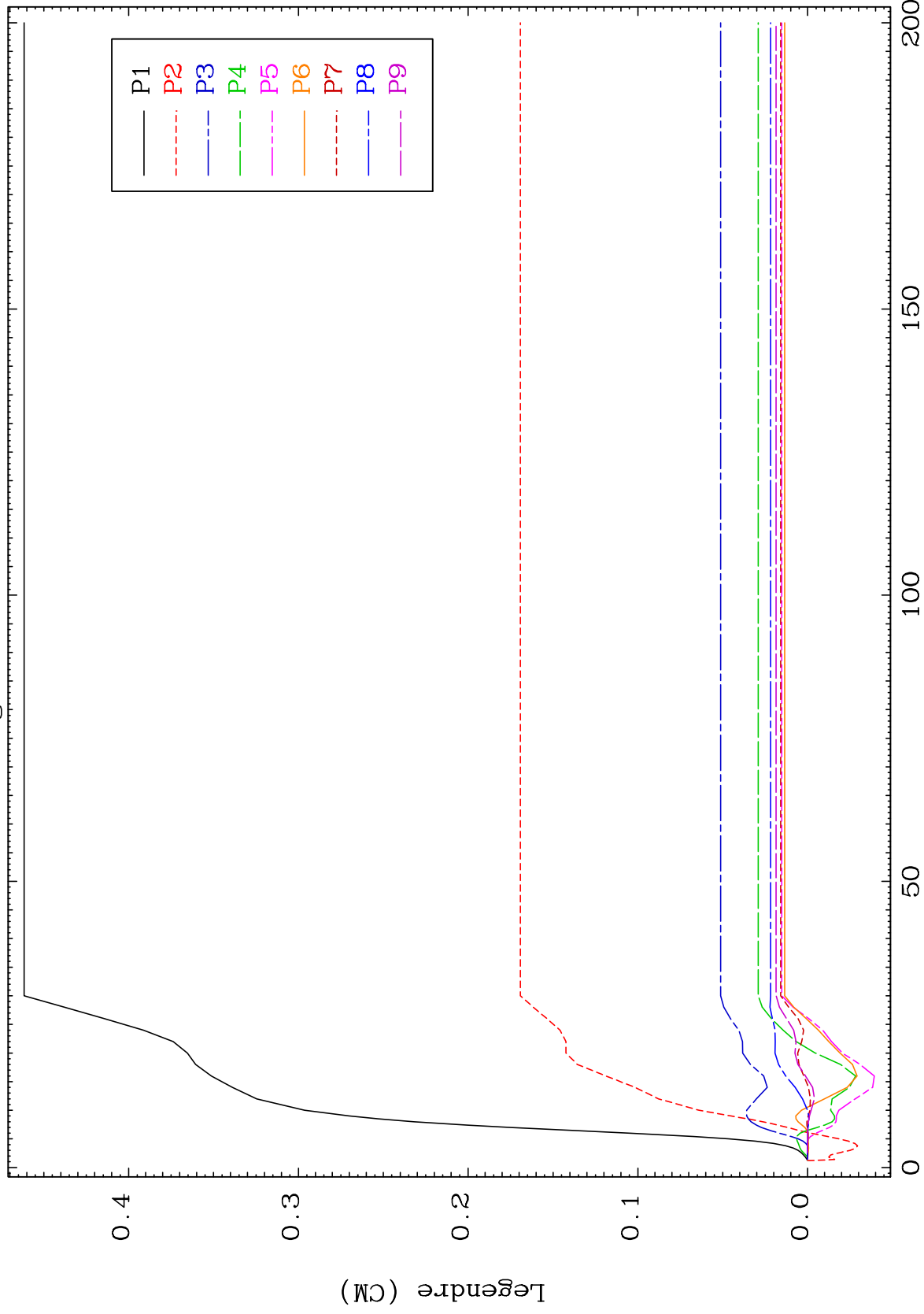




MAT 4107

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

41-Nb-87



52

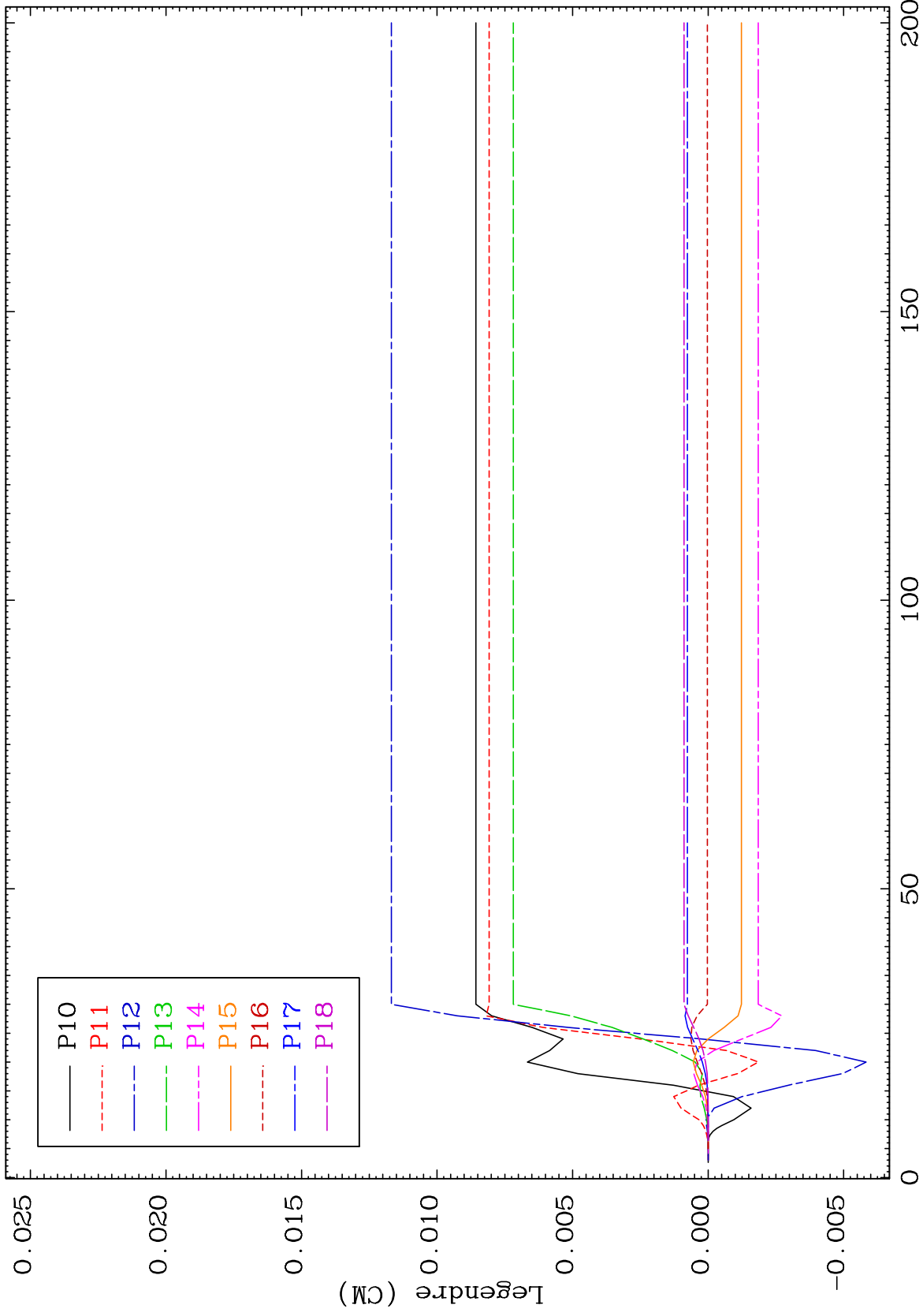
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



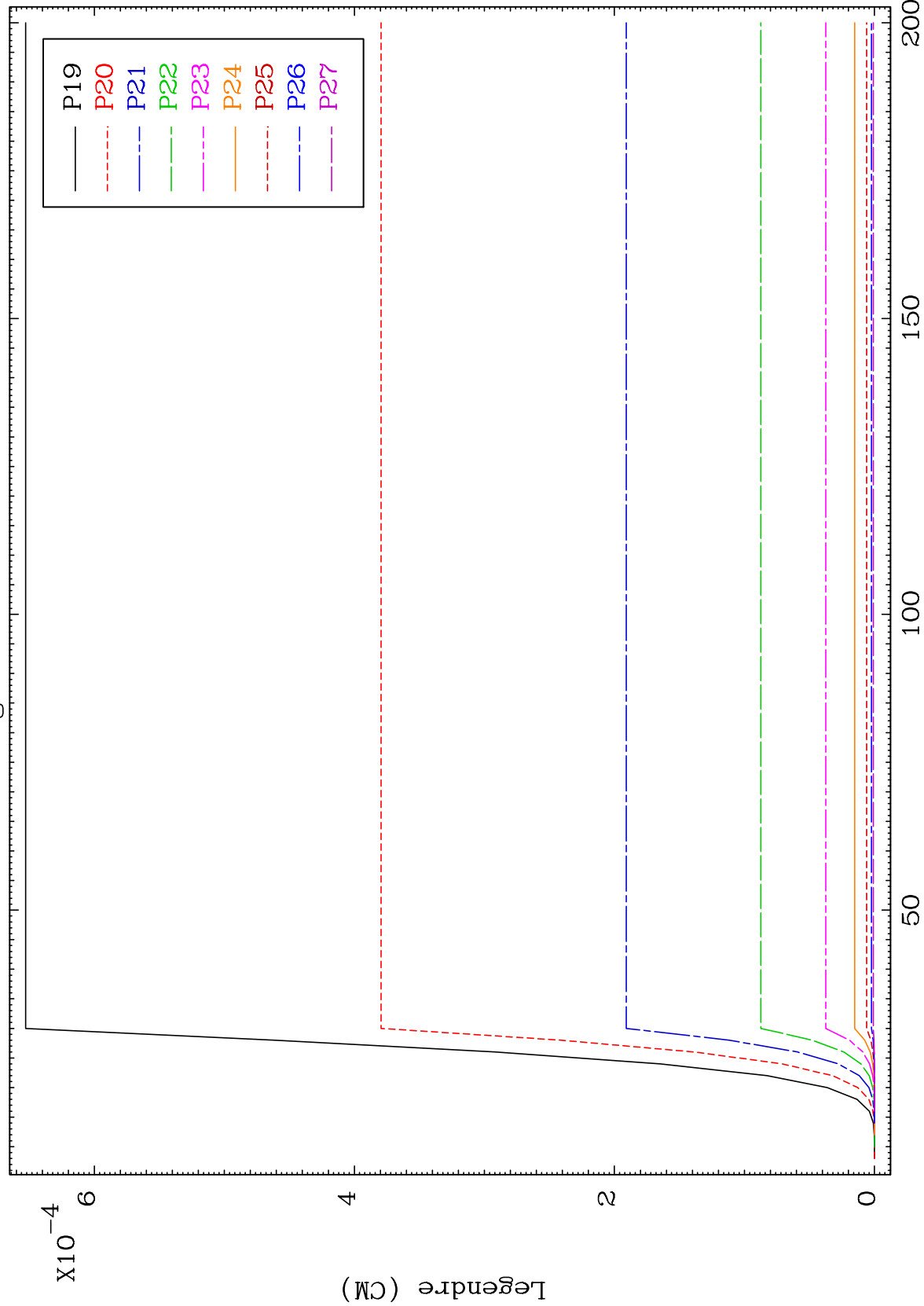
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41-Nb-87

MAT 4107

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

41-Nb-87



54

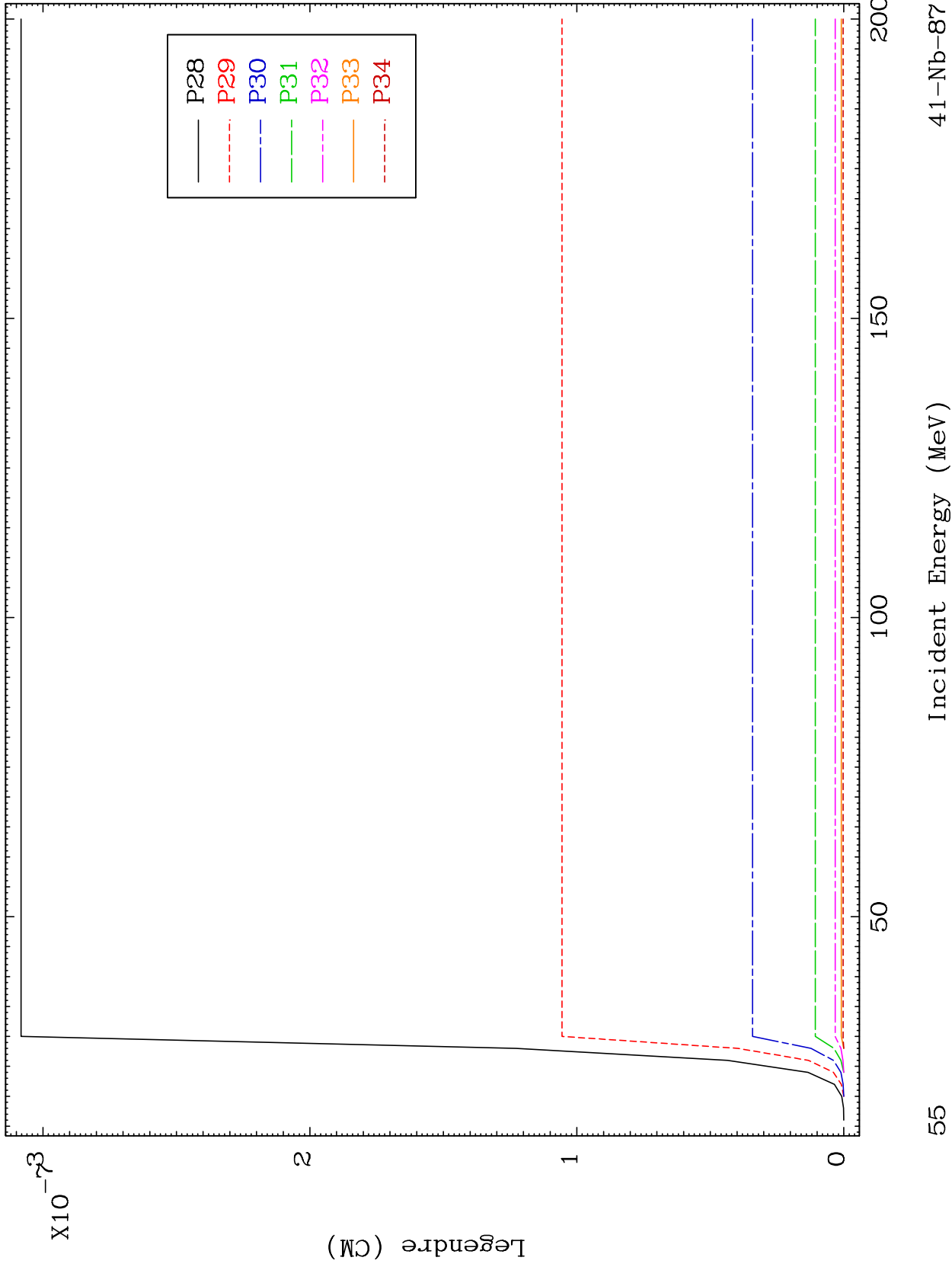
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



55

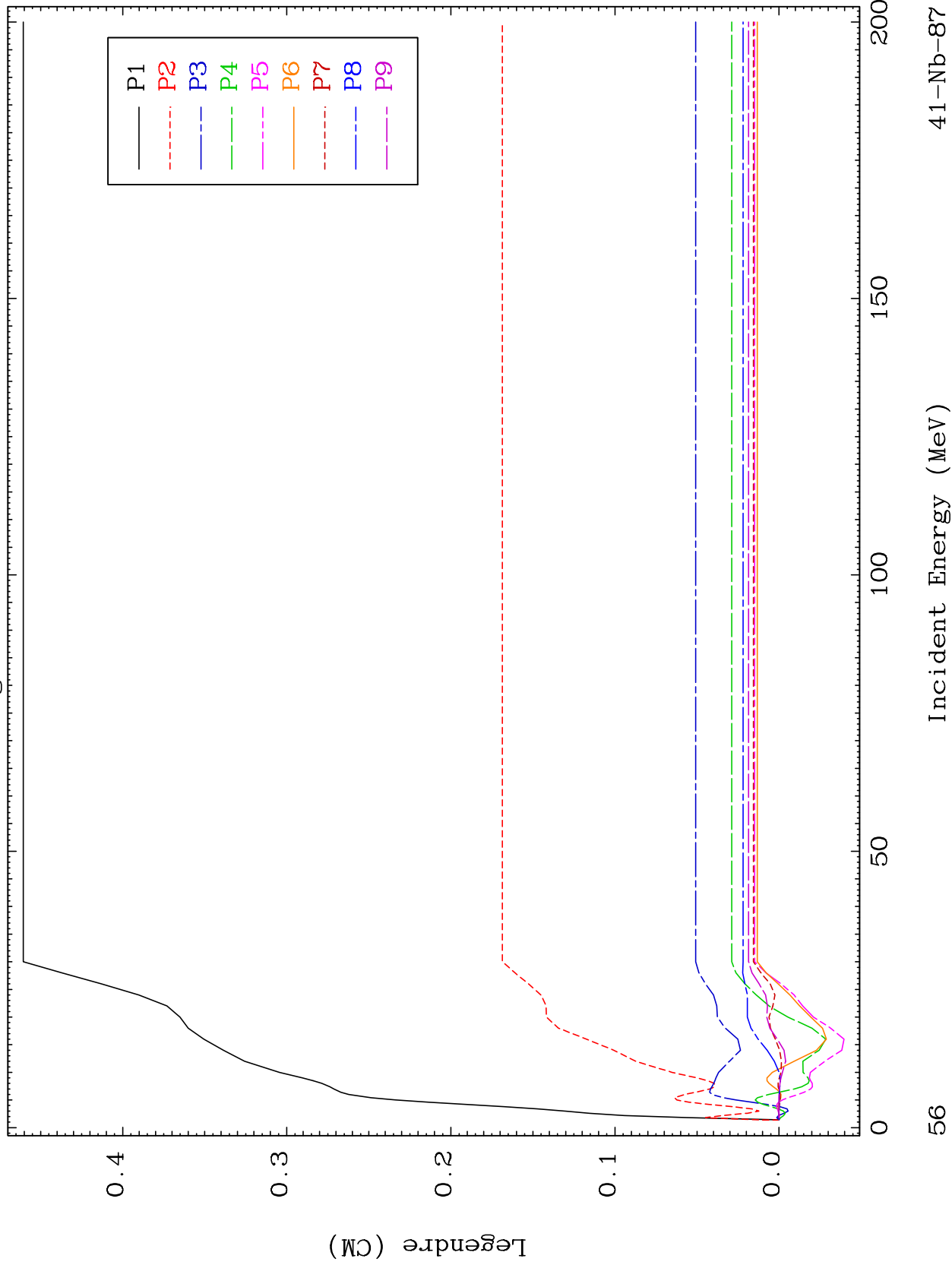
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



56

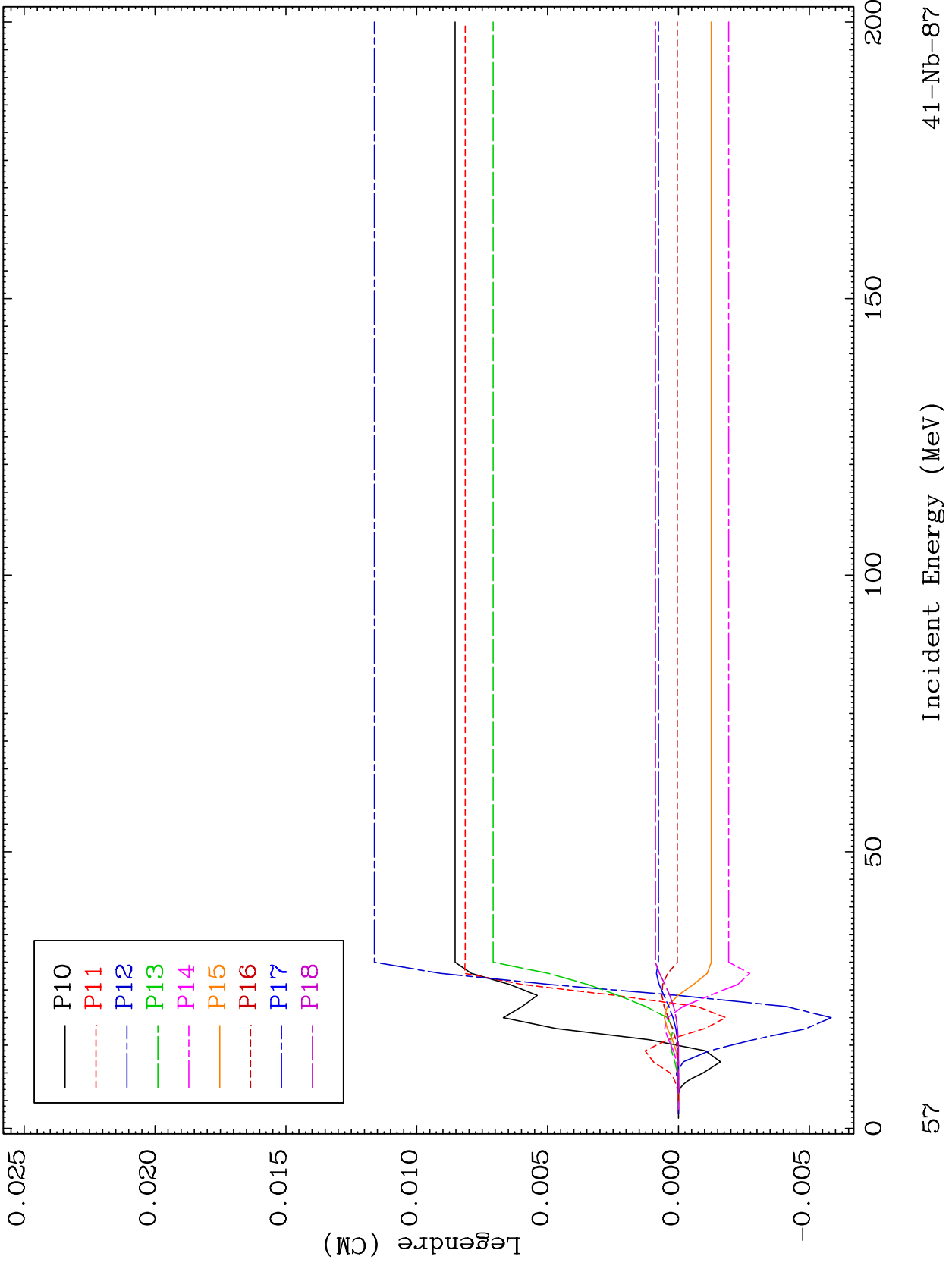
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



57

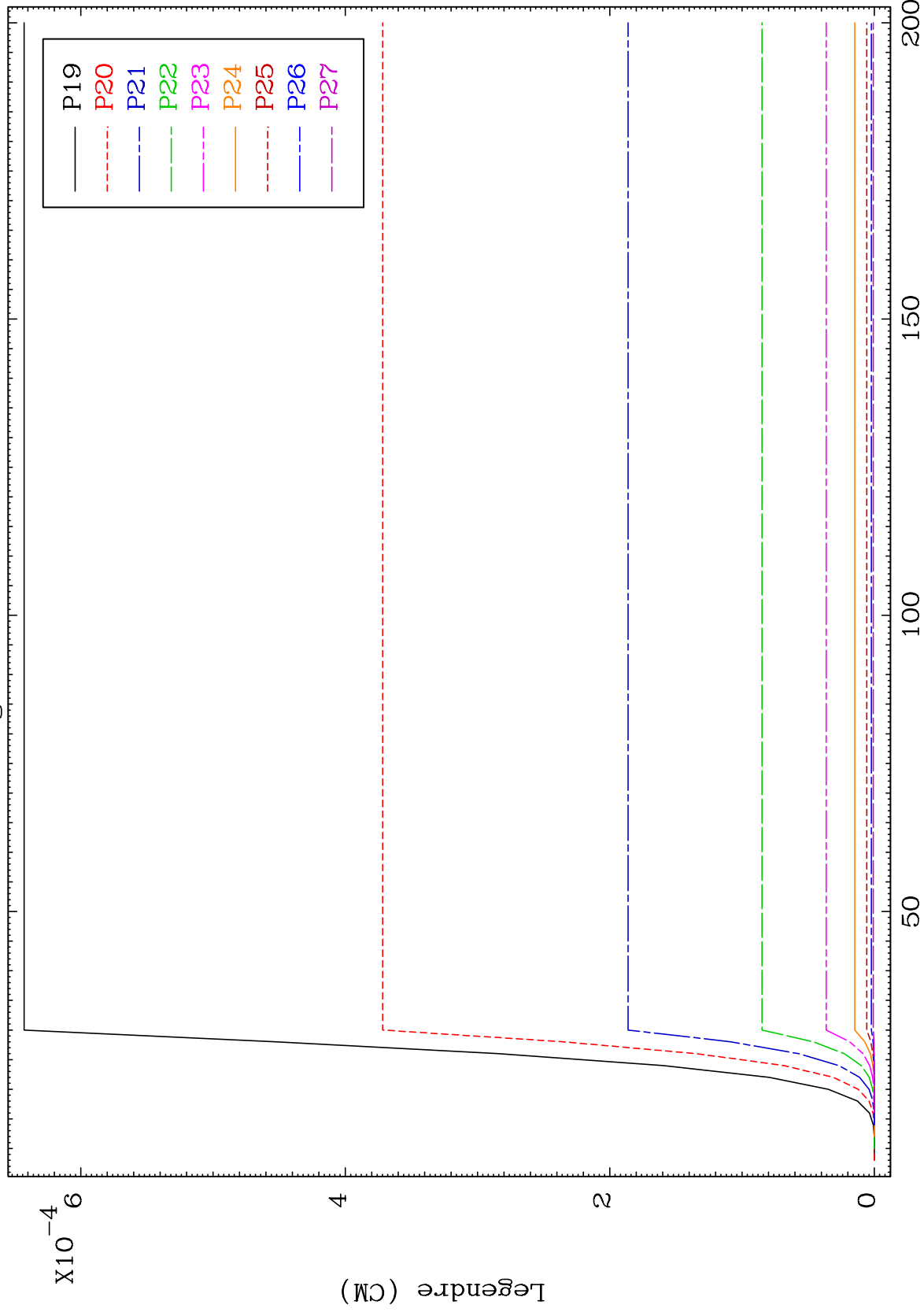
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



58

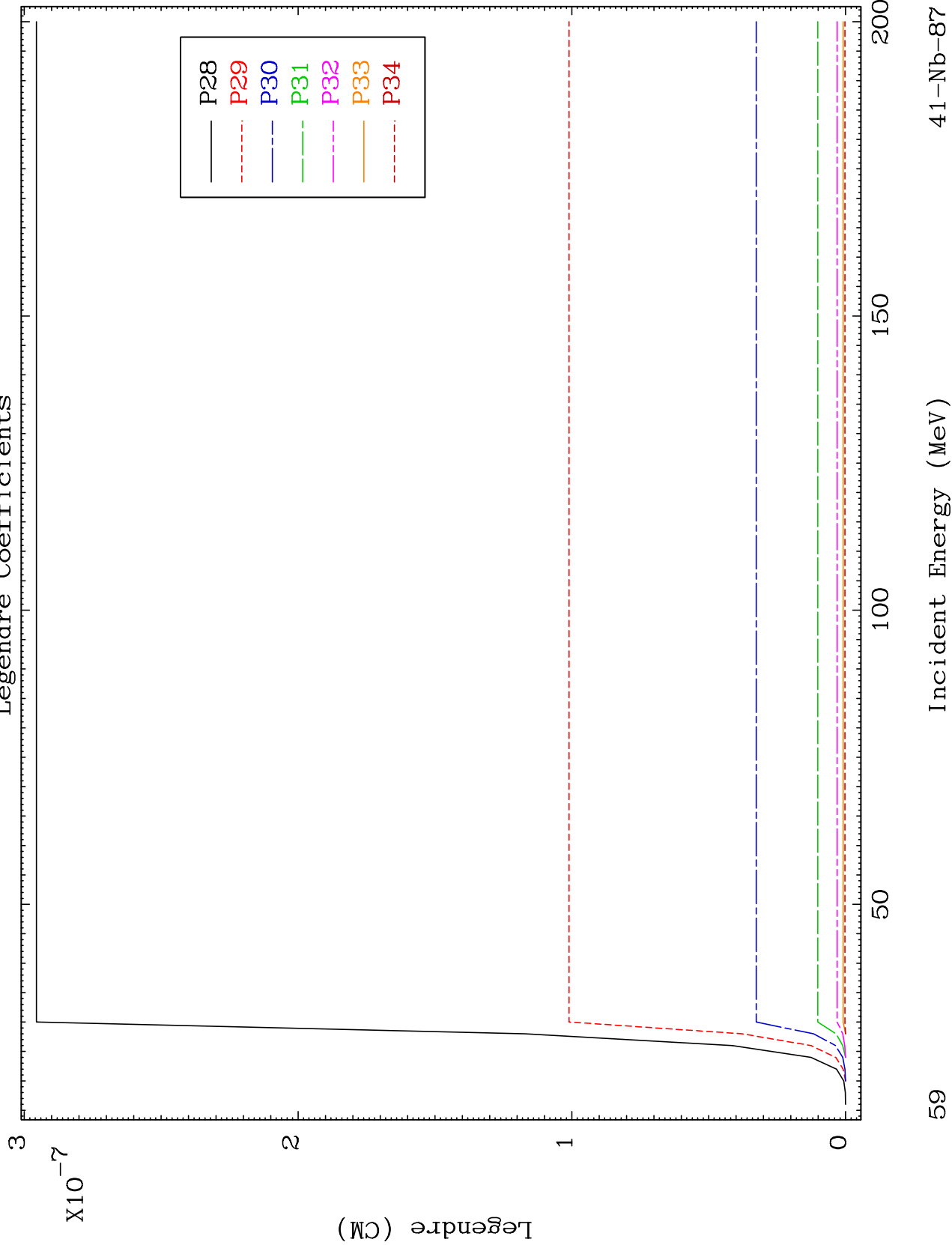
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



59

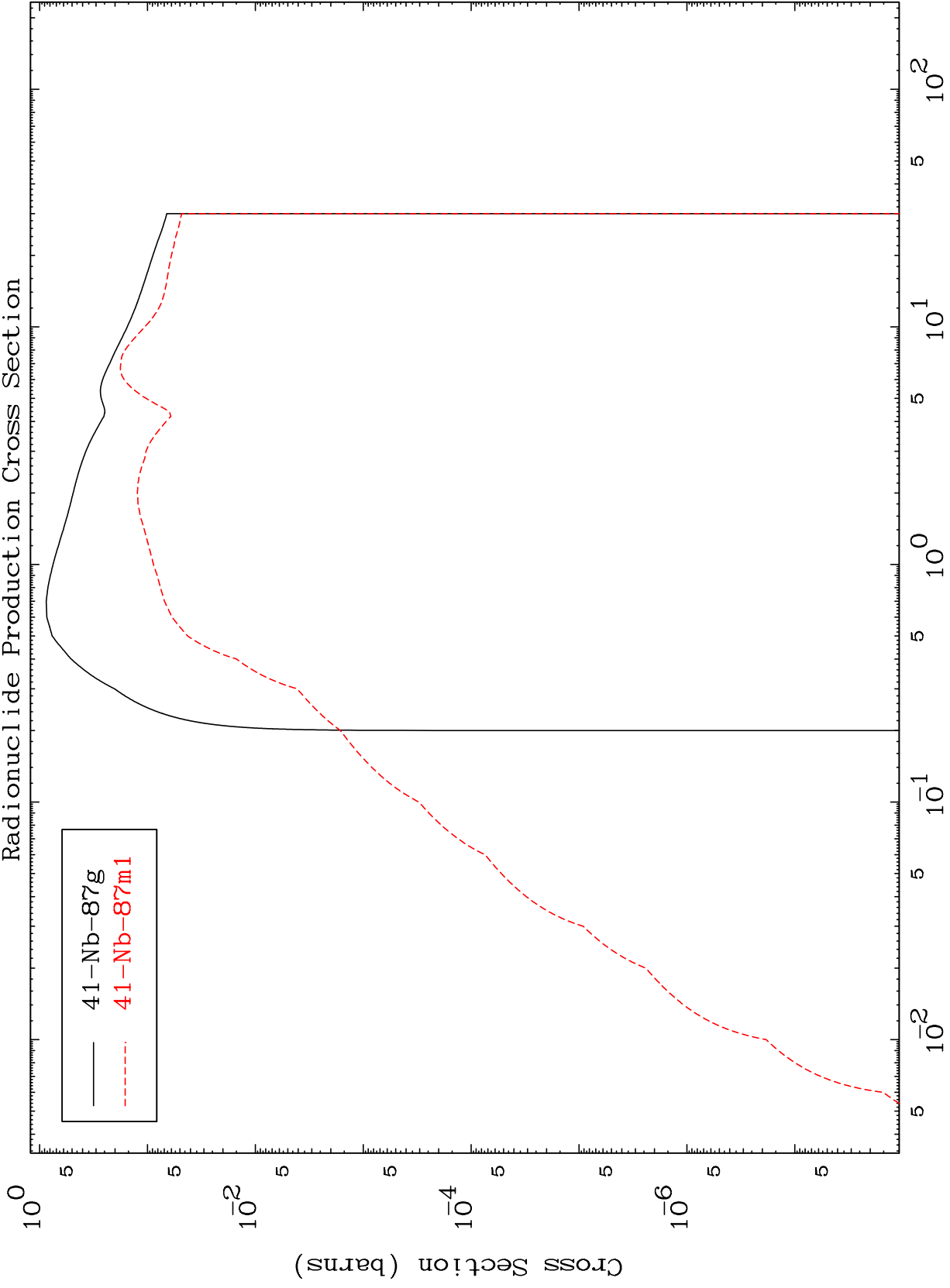
Incident Energy (MeV)

41-Nb-87

MAT 4107

41-Nb-87

Inelastic
Radionuclide Production Cross Section



41-Nb-87g
41-Nb-87m1

41-Nb-87

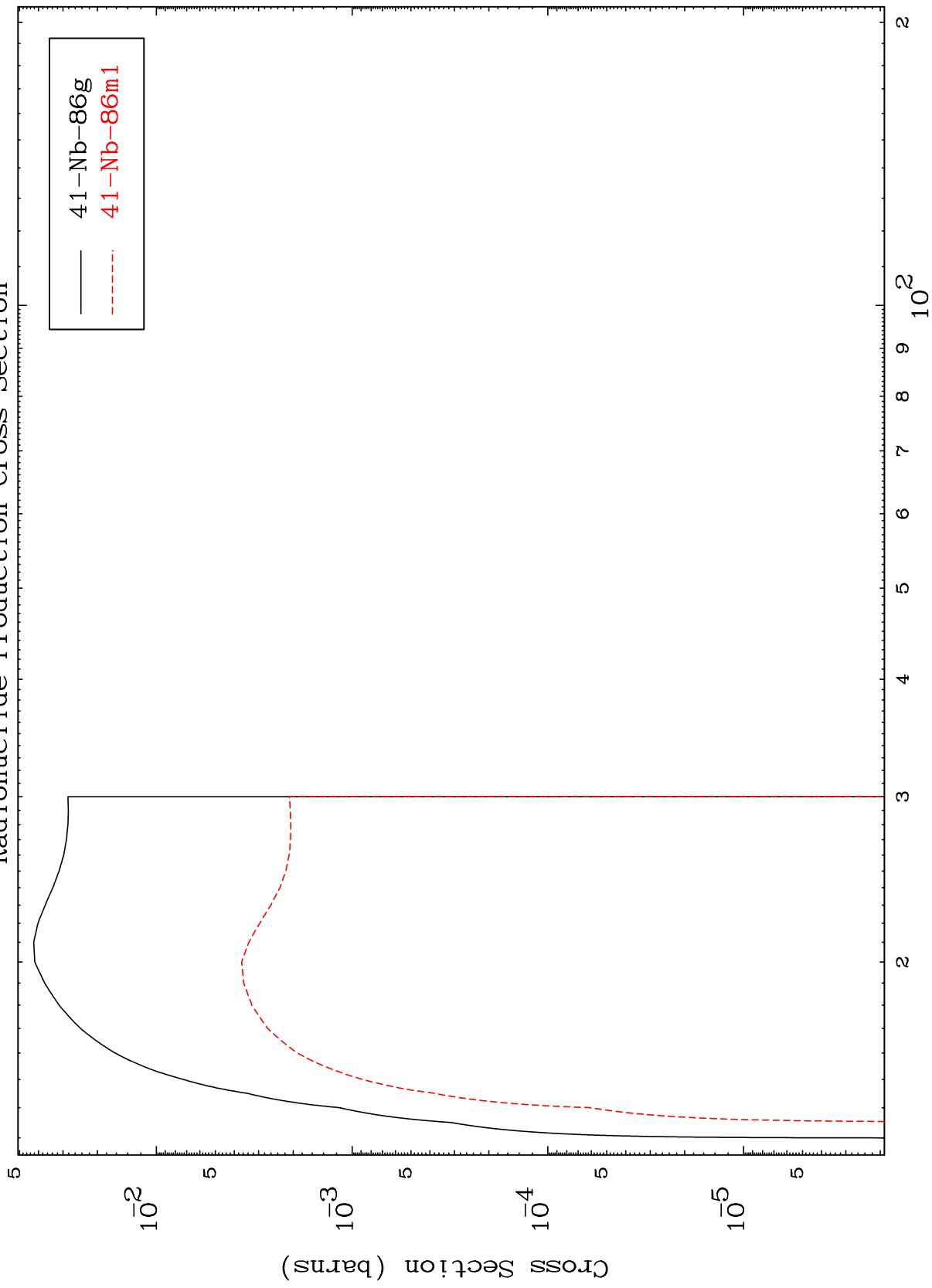
Incident Energy (MeV)

60

MAT 4107

41-Nb-87

(n,2n)
Radionuclide Production Cross Section



61

Incident Energy (MeV)

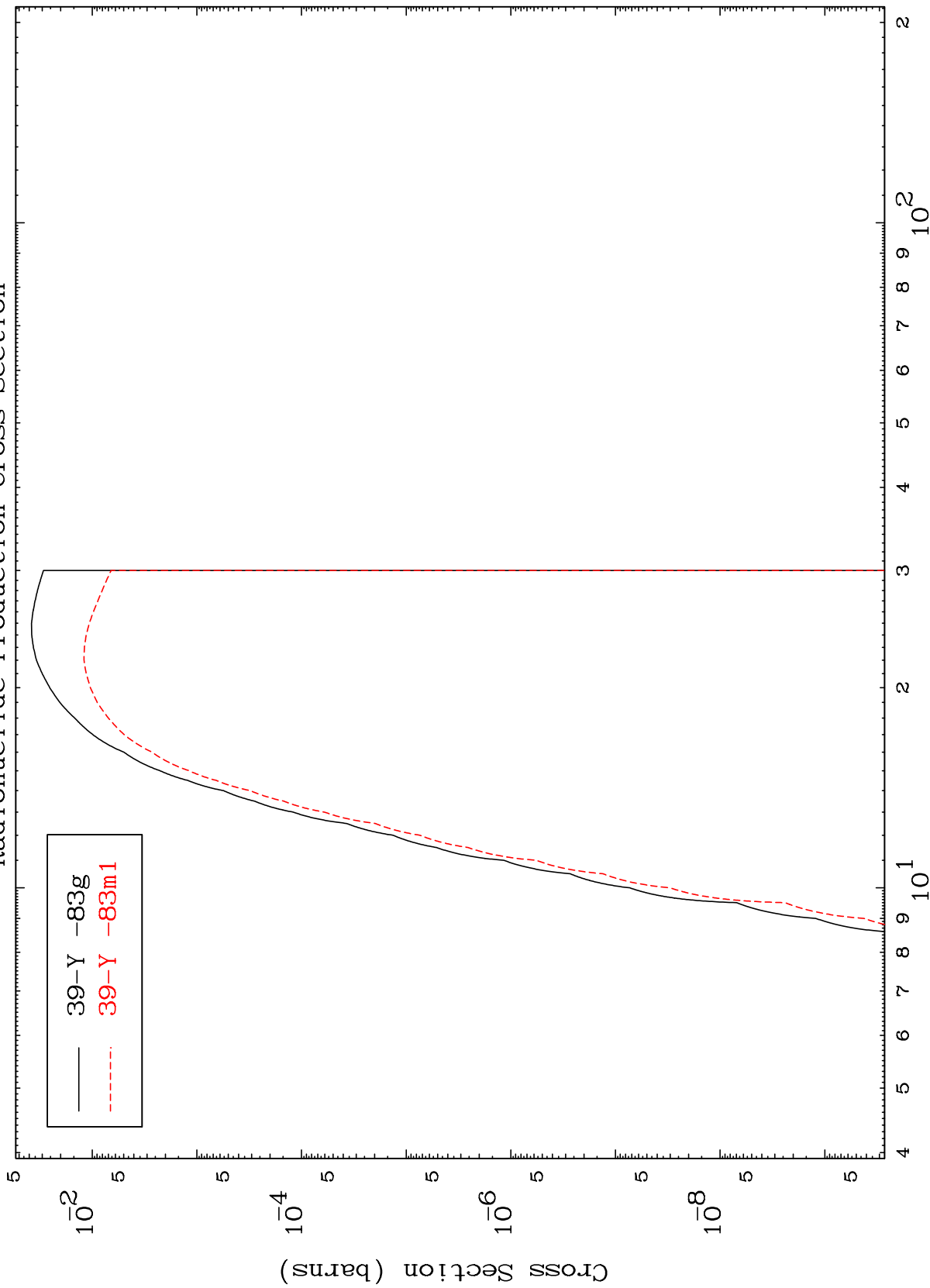
41-Nb-87

MAT 4107

$(n, n') \alpha$

41-Nb-87

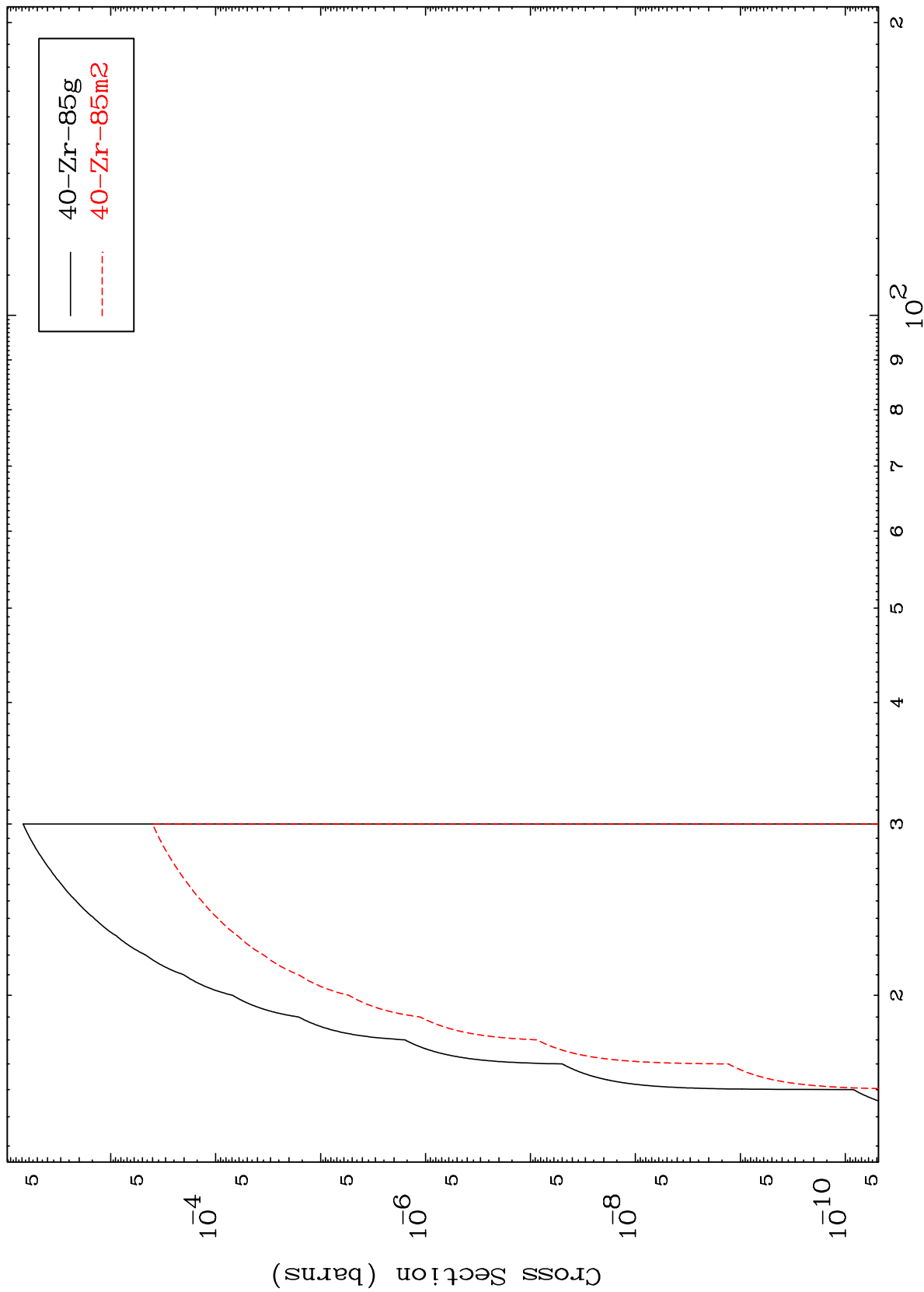
Radionuclide Production Cross Section



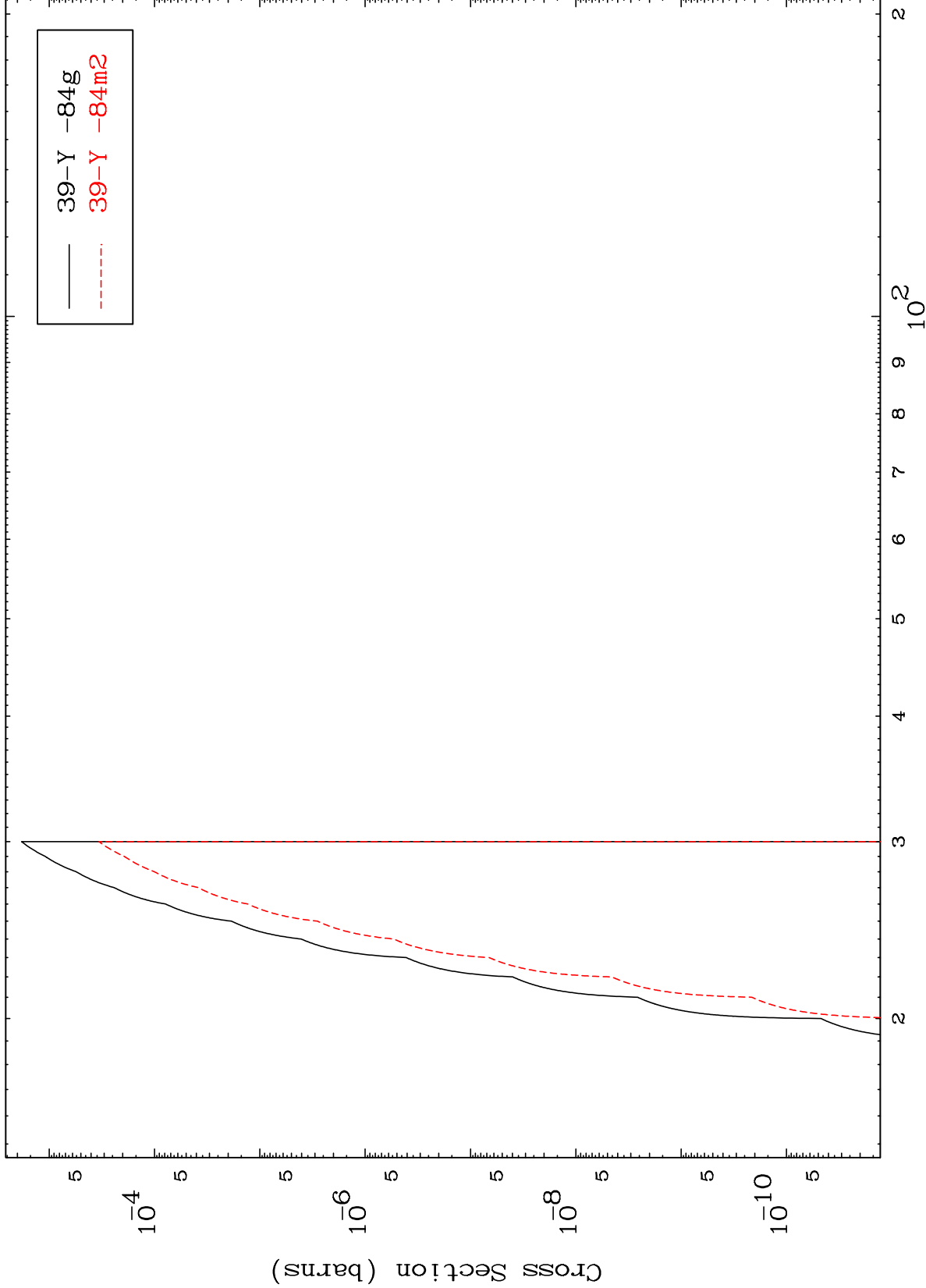
62

41-Nb-87

Radionuclide Production Cross Section

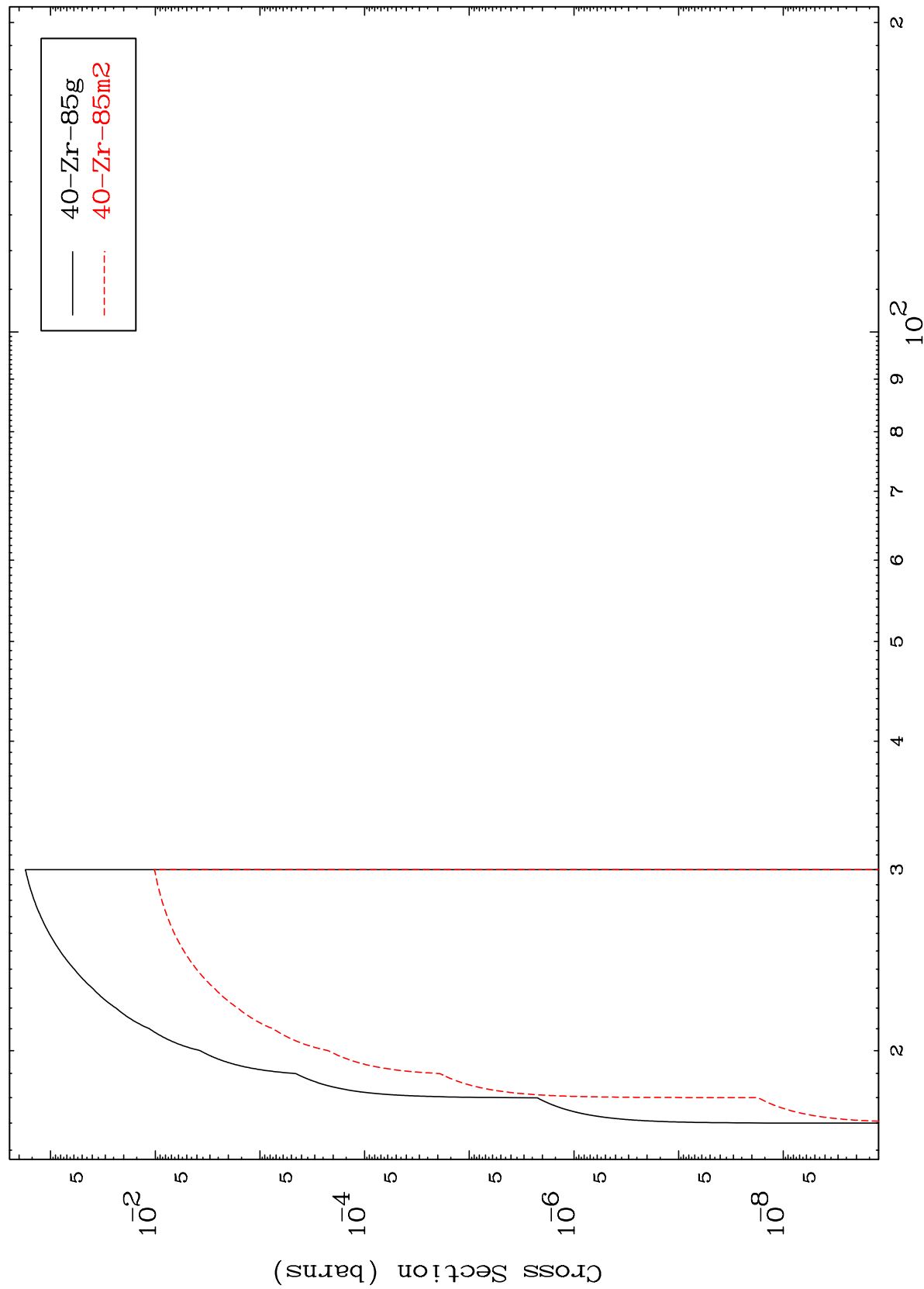


Radionuclide Production Cross Section

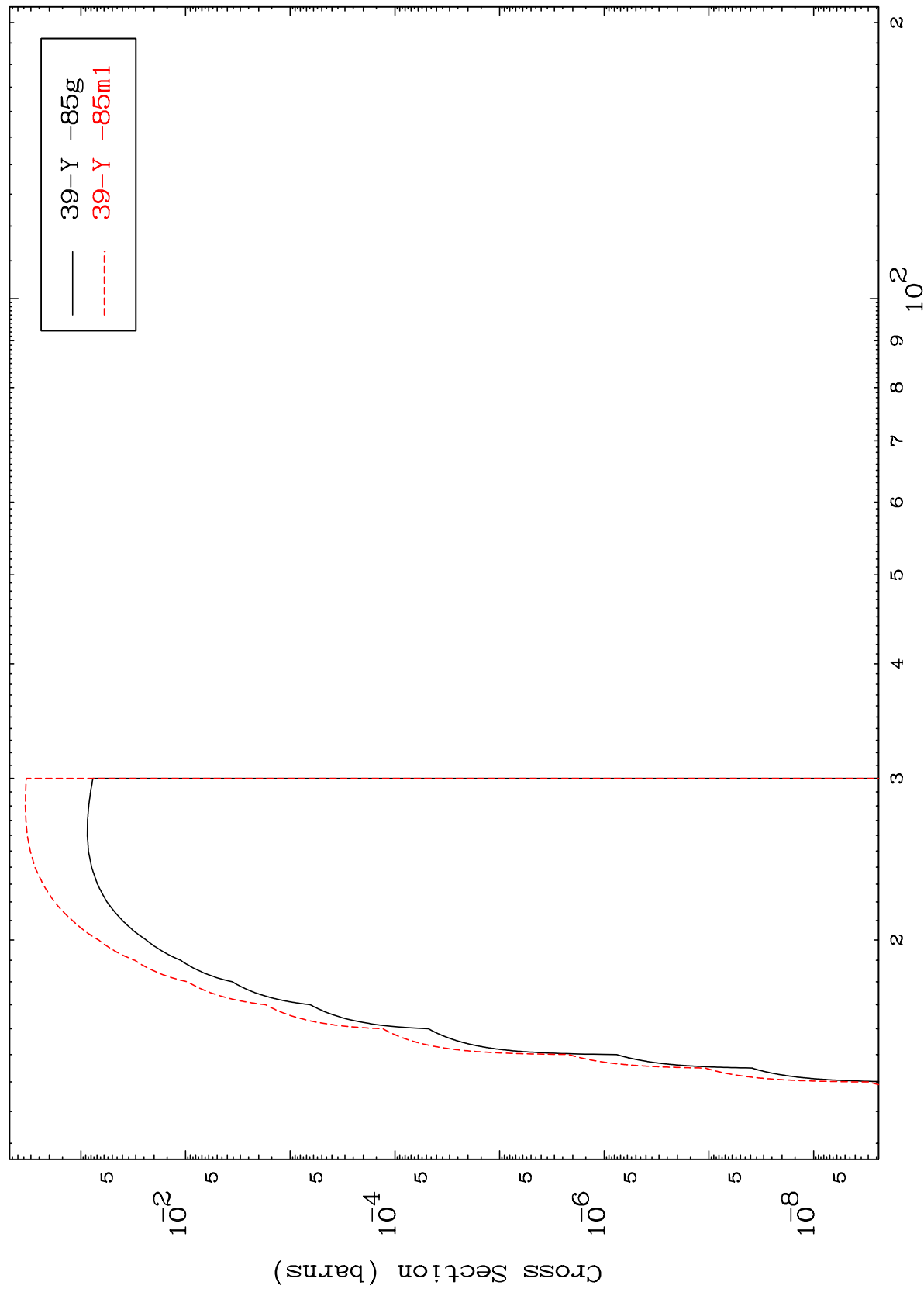


39-Y -84g
39-Y -84m2

Radionuclide Production Cross Section

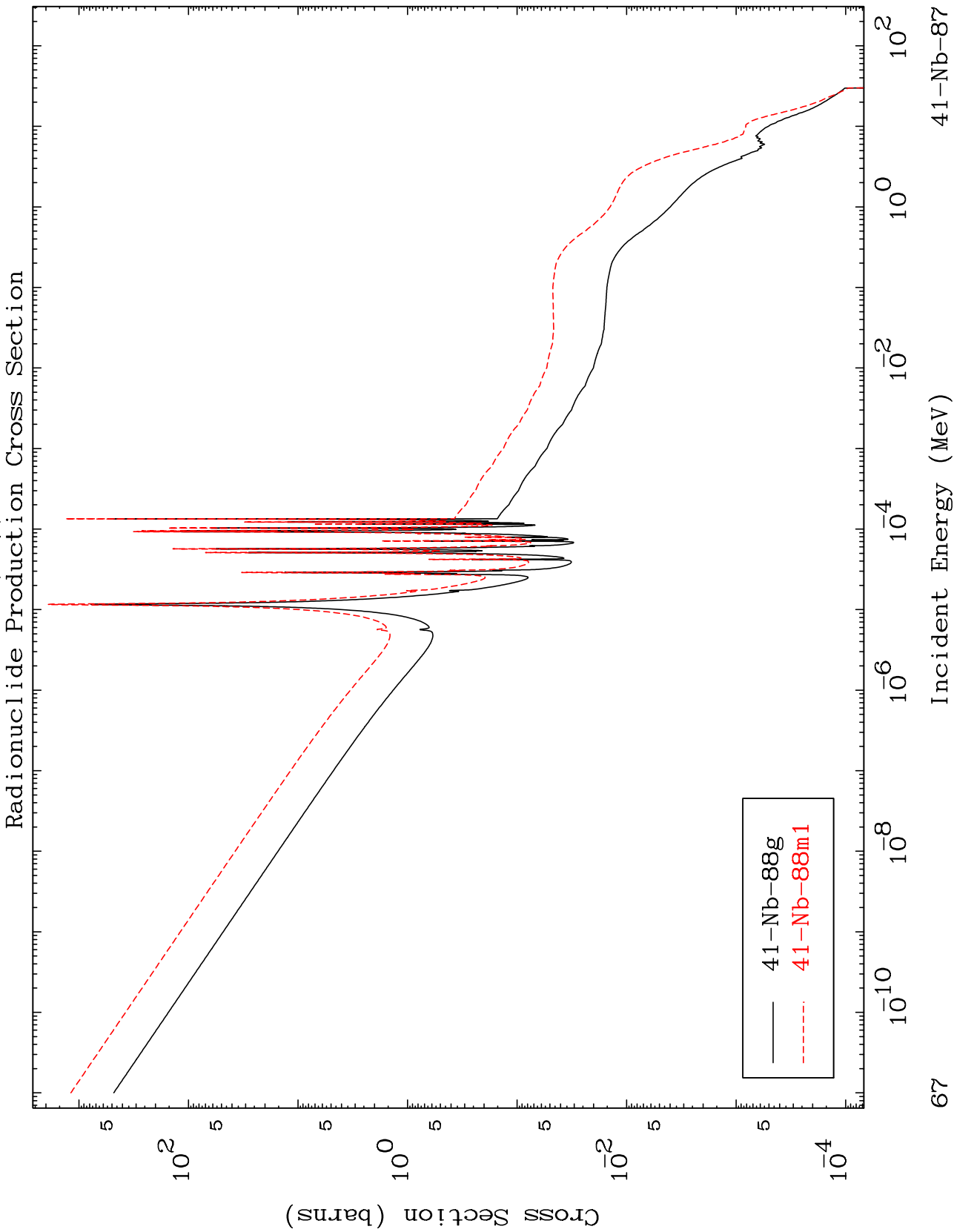


Radionuclide Production Cross Section



MAT 4107

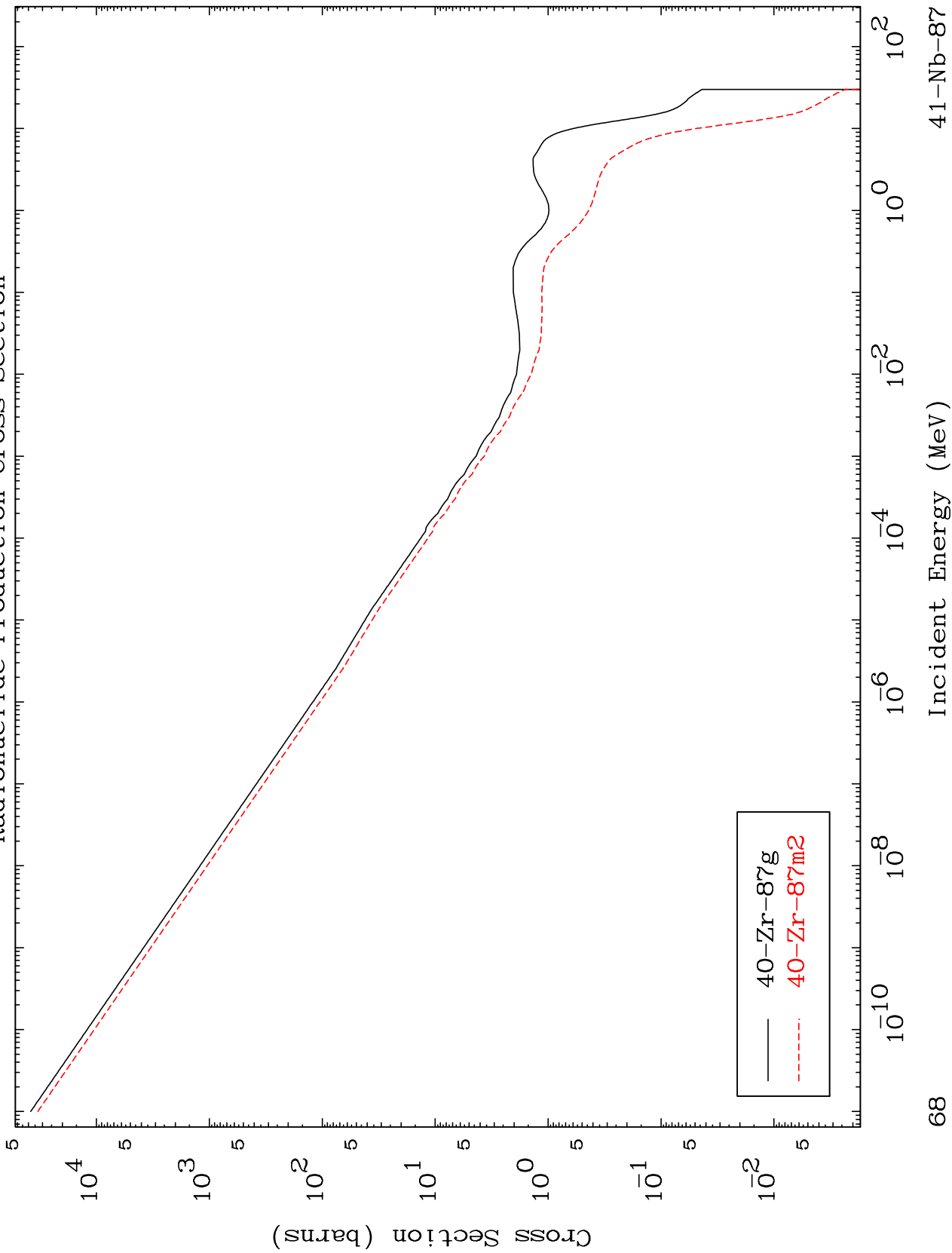
41-Nb-87



MAT 4107

41-Nb-87

Radionuclide Production Cross Section

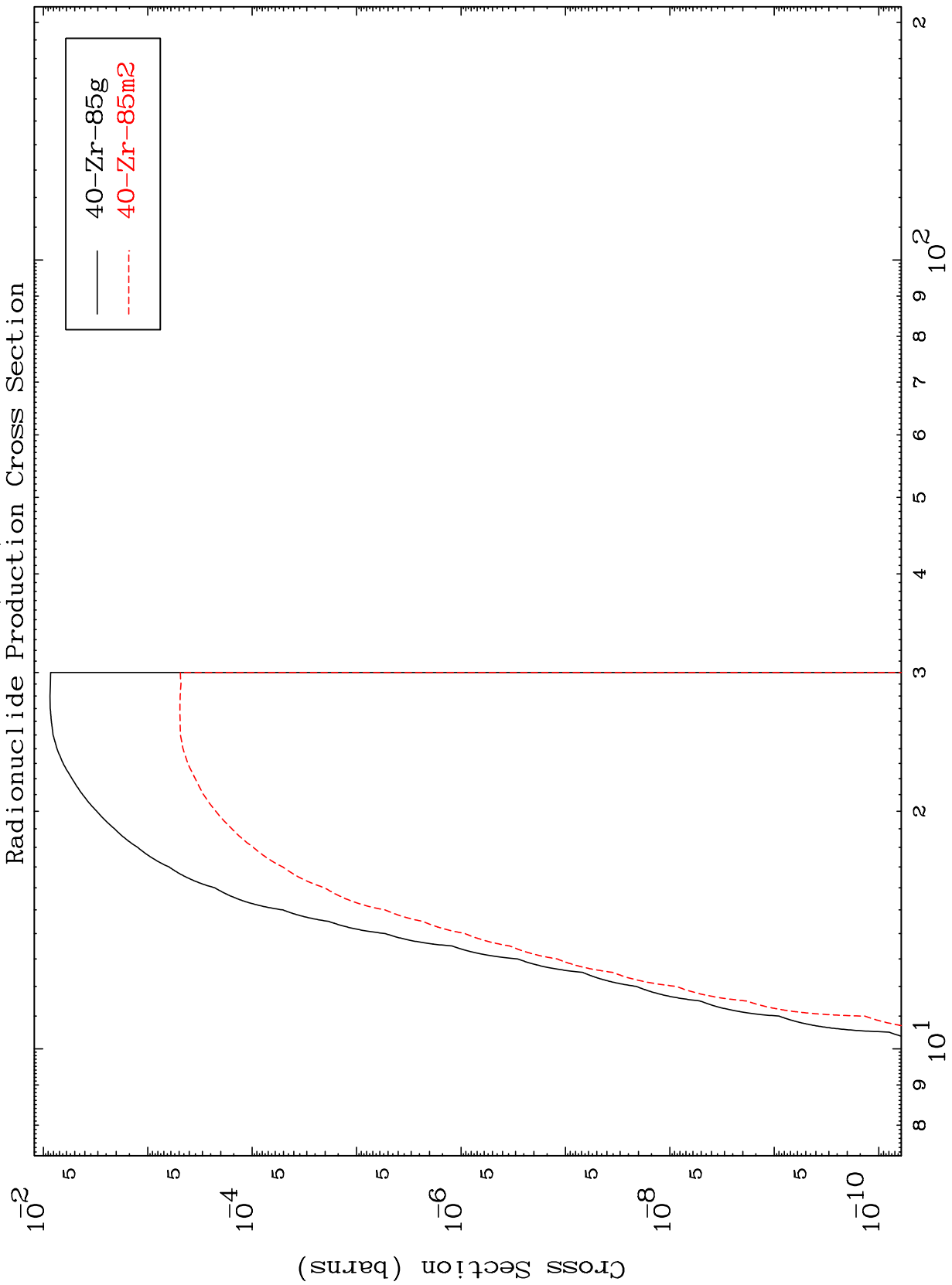


— 40-Zr-87g
- - - 40-Zr-87m2

MAT 4107

41-Nb-87

(n,t)
Radionuclide Production Cross Section



69

Incident Energy (MeV)

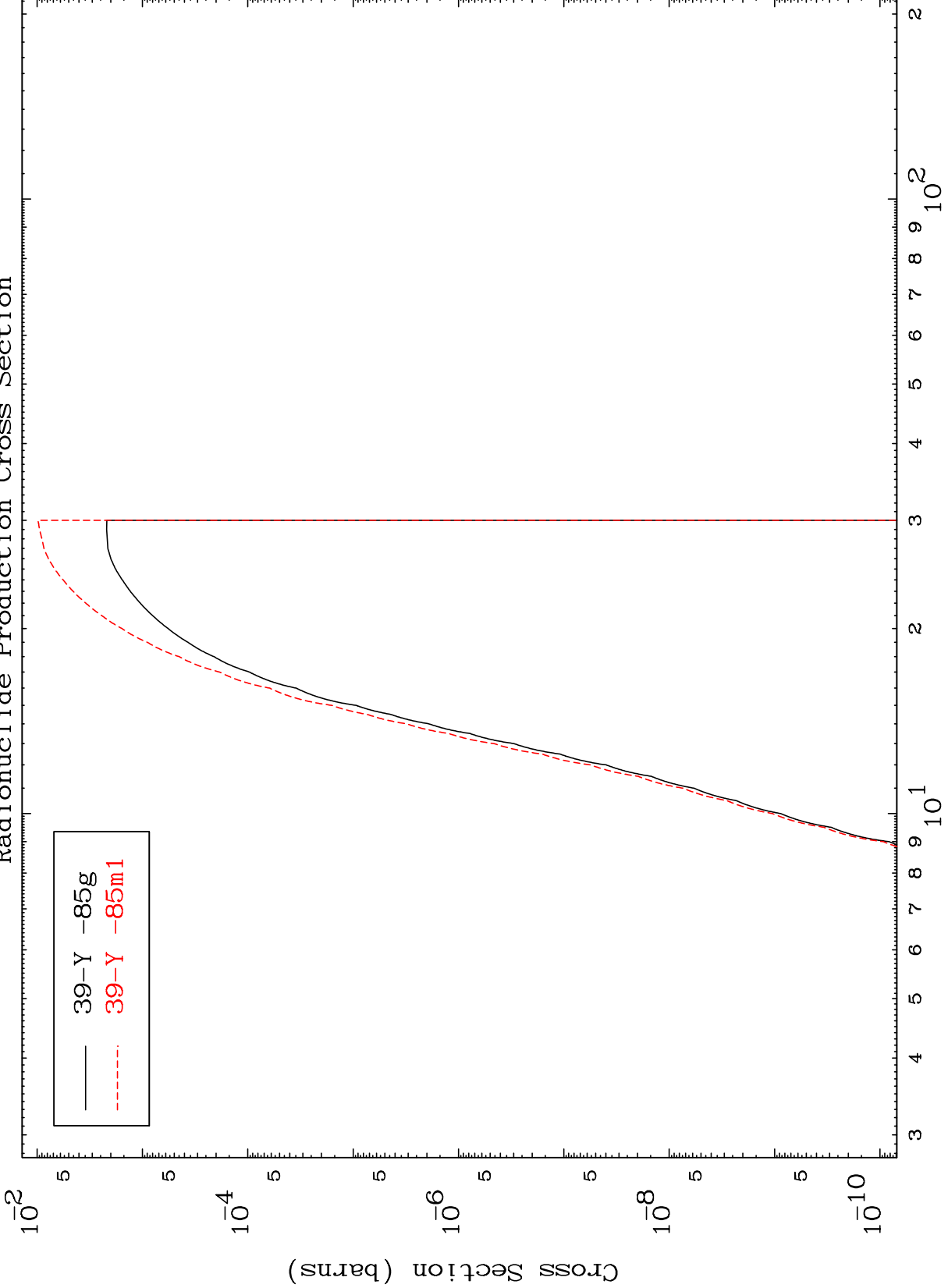
41-Nb-87

MAT 4107

(n,He-3)

41-Nb-87

Radionuclide Production Cross Section



— 39-Y -85g
- - - 39-Y -85m1

70

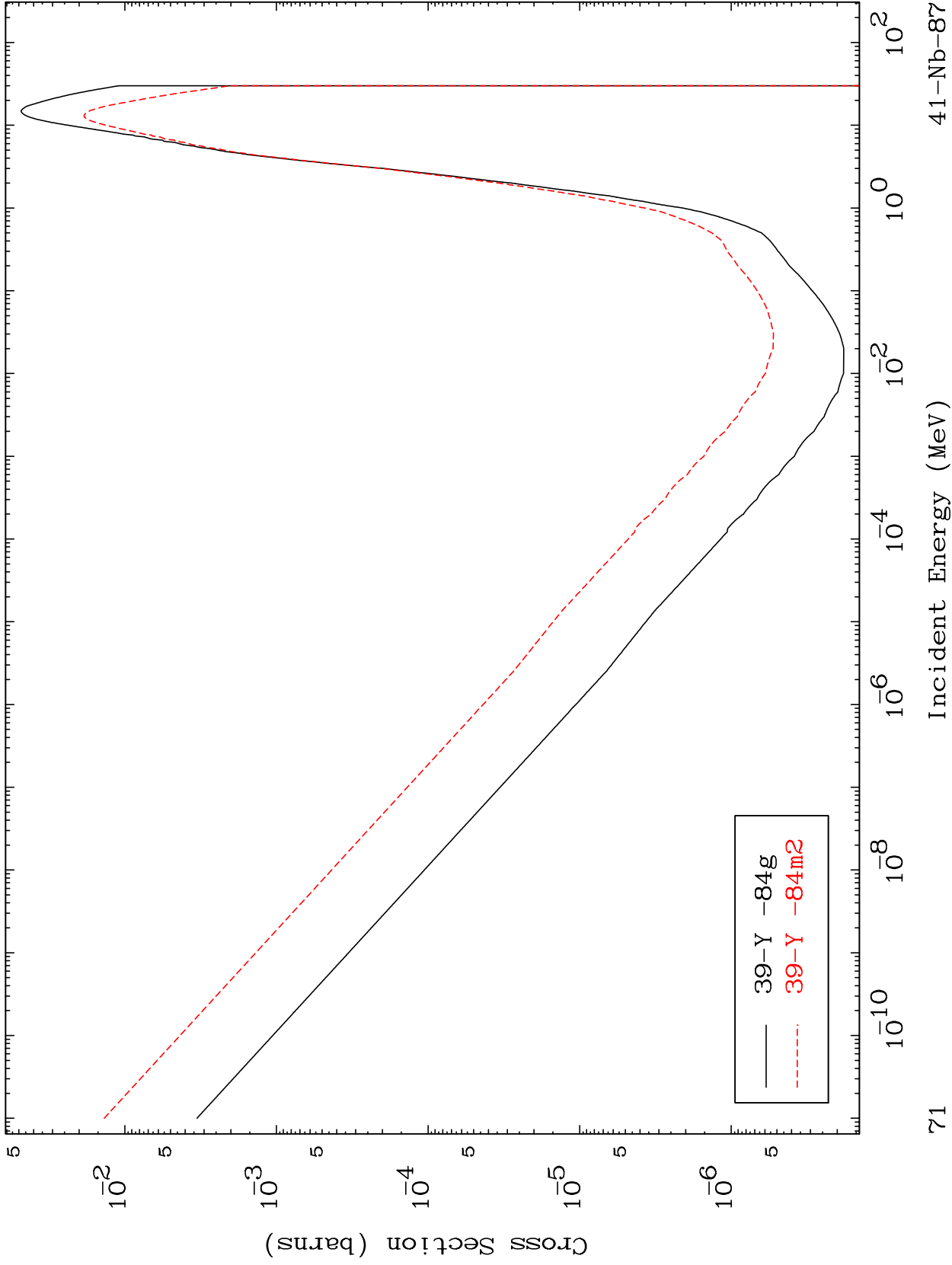
Incident Energy (MeV)

41-Nb-87

MAT 4107

Radionuclide Production Cross Section
(n, α)

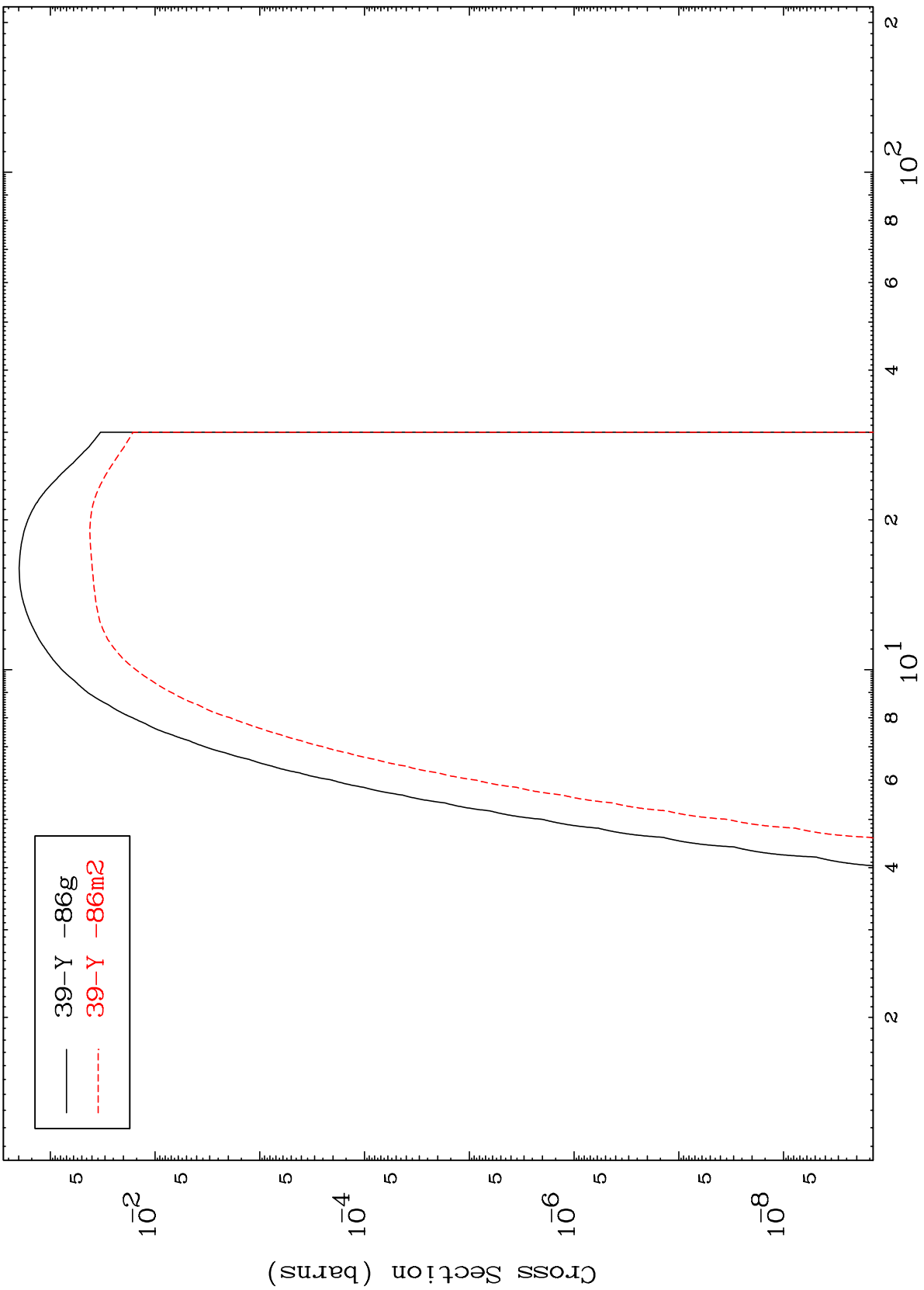
41-Nb-87



MAT 4107

41-Nb-87

(n,2p)
Radionuclide Production Cross Section



— 39-Y -86g
- - - 39-Y -86m2

72

Incident Energy (MeV)

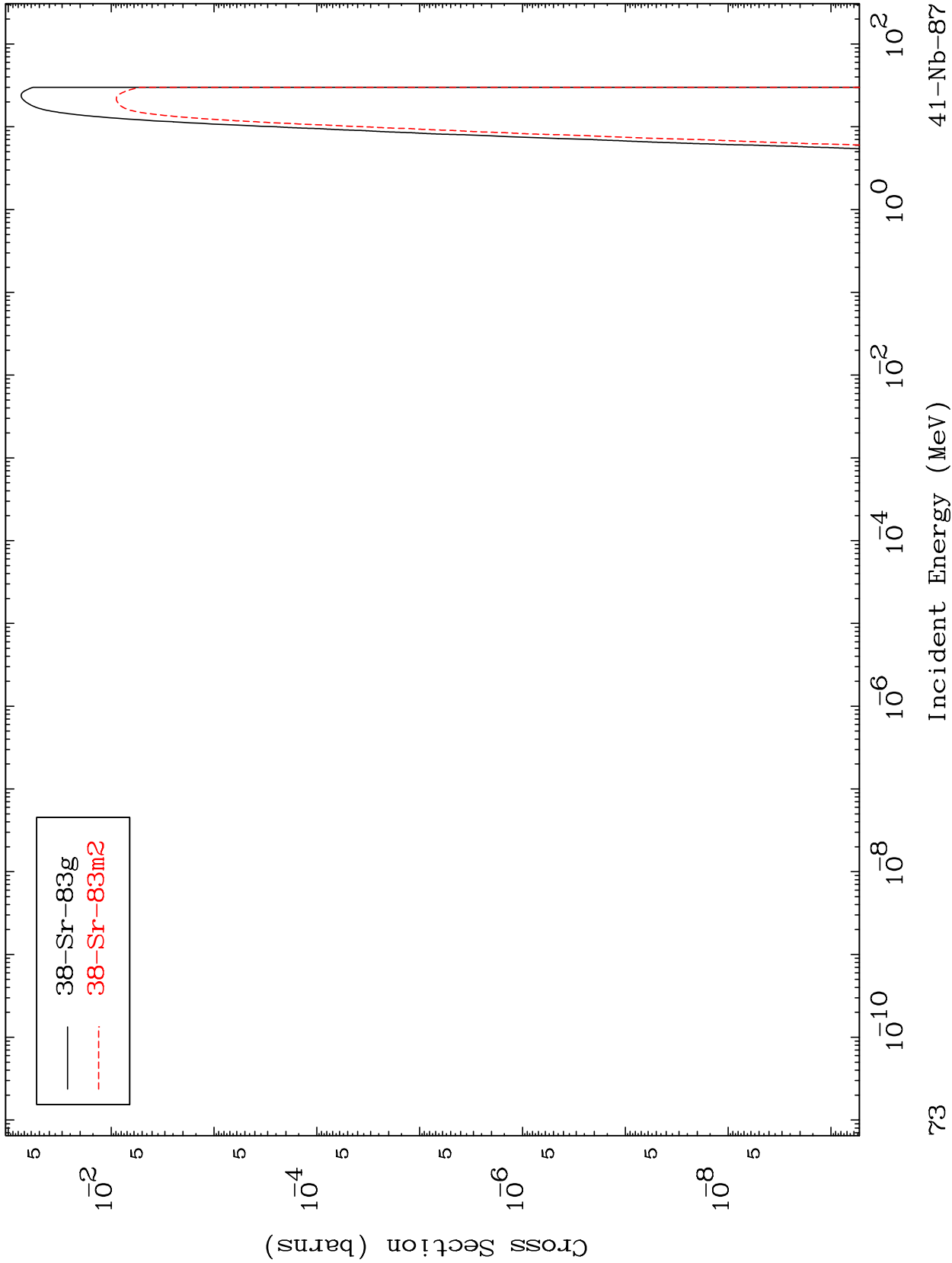
41-Nb-87

MAT 4107

(n,p) α

41-Nb-87

Radionuclide Production Cross Section

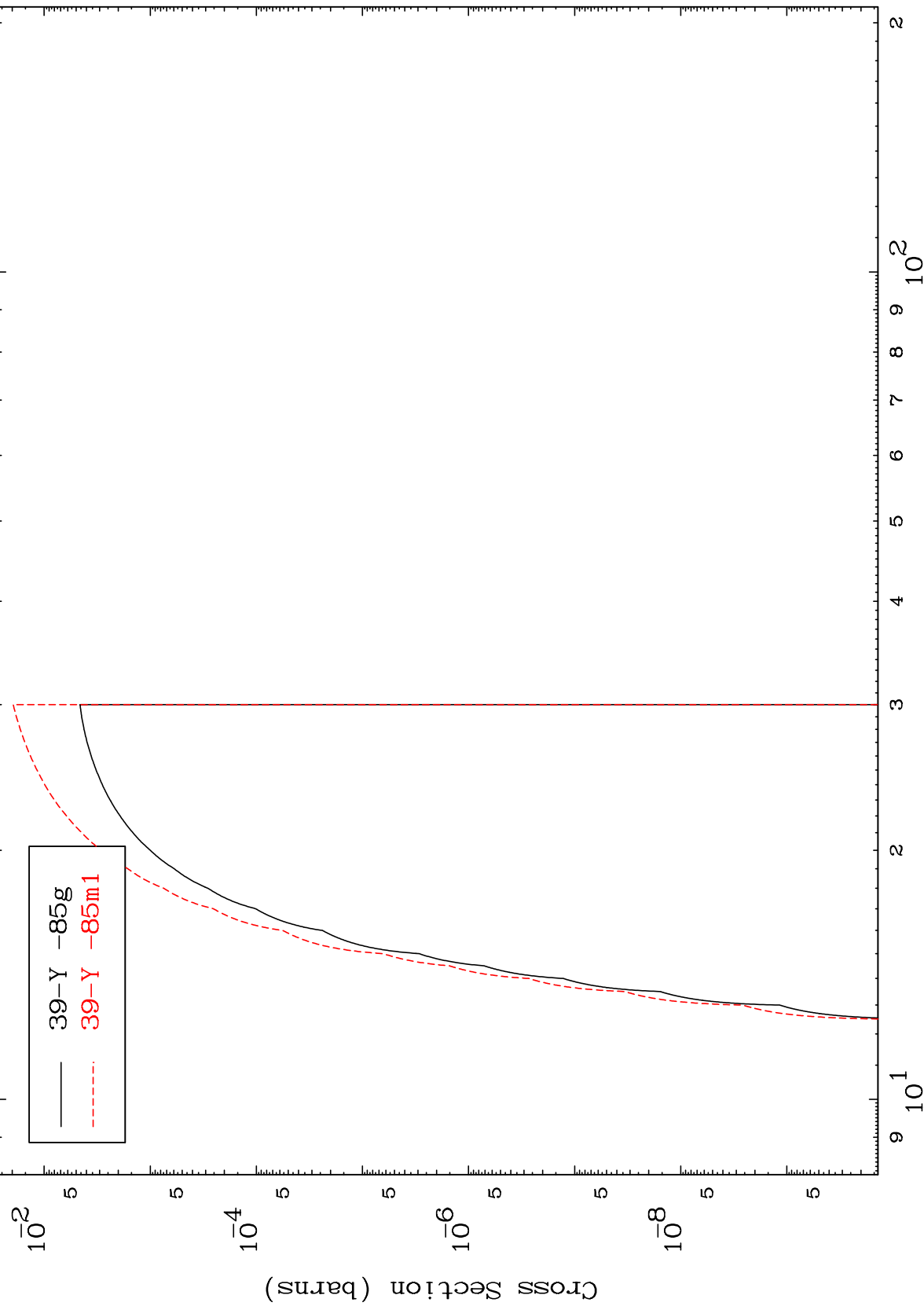


MAT 4107

(n,p) d

41-Nb-87

Radionuclide Production Cross Section



74

Incident Energy (MeV)

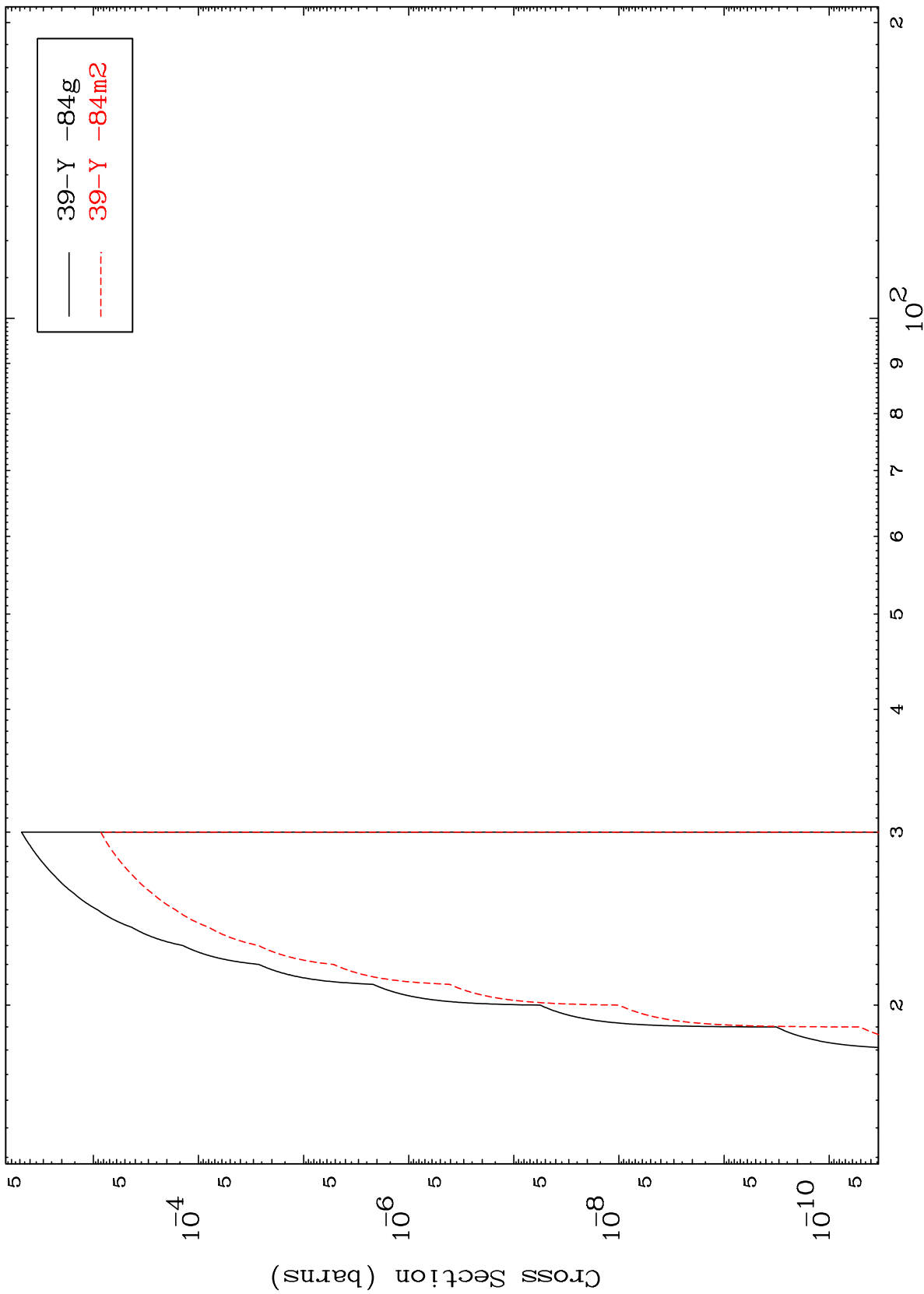
41-Nb-87

MAT 4107

(n,p) t

41-Nb-87

Radionuclide Production Cross Section



75

Incident Energy (MeV)

41-Nb-87