

Program EVALPLOT
(Version 2021-1)

by

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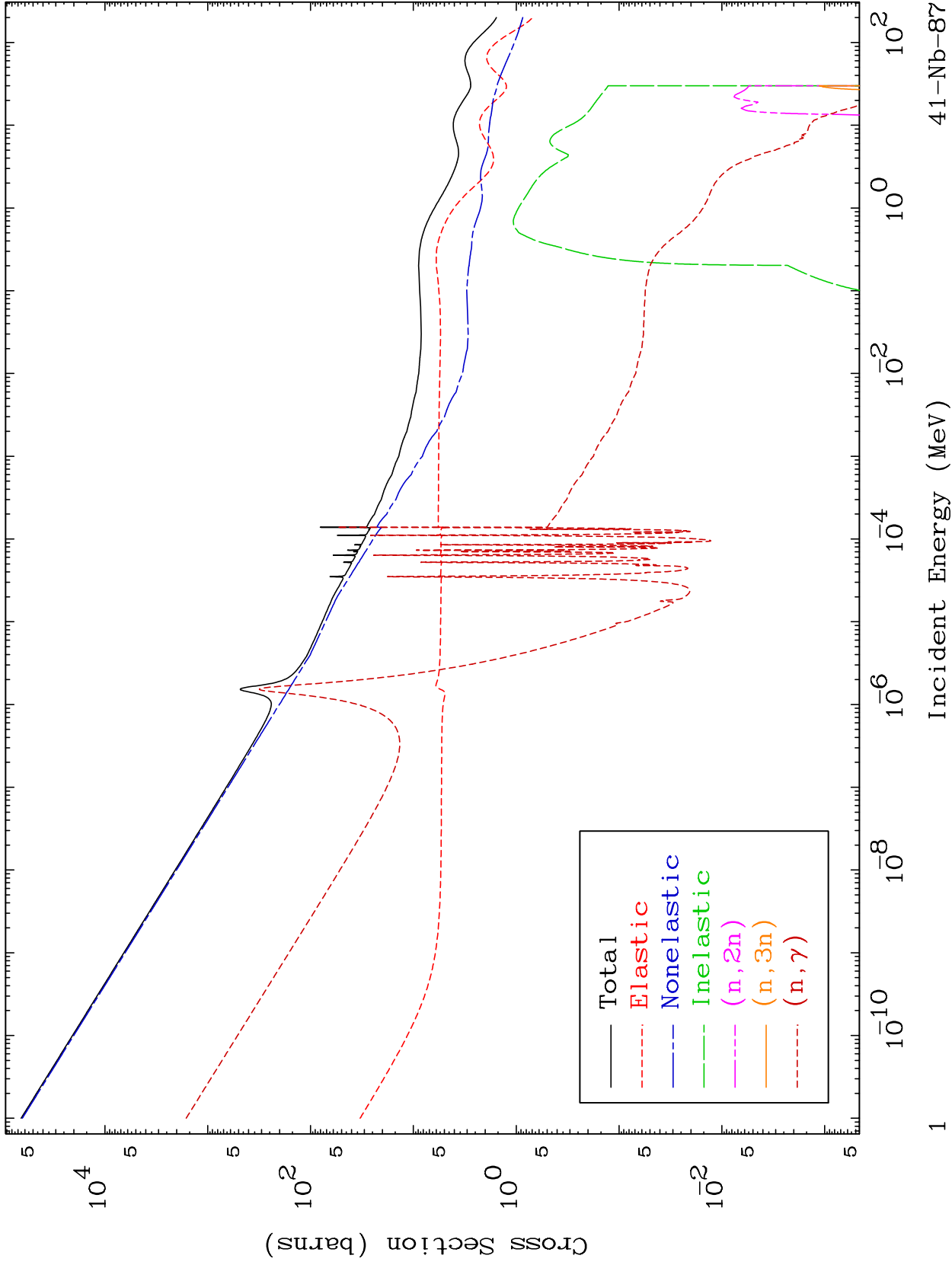
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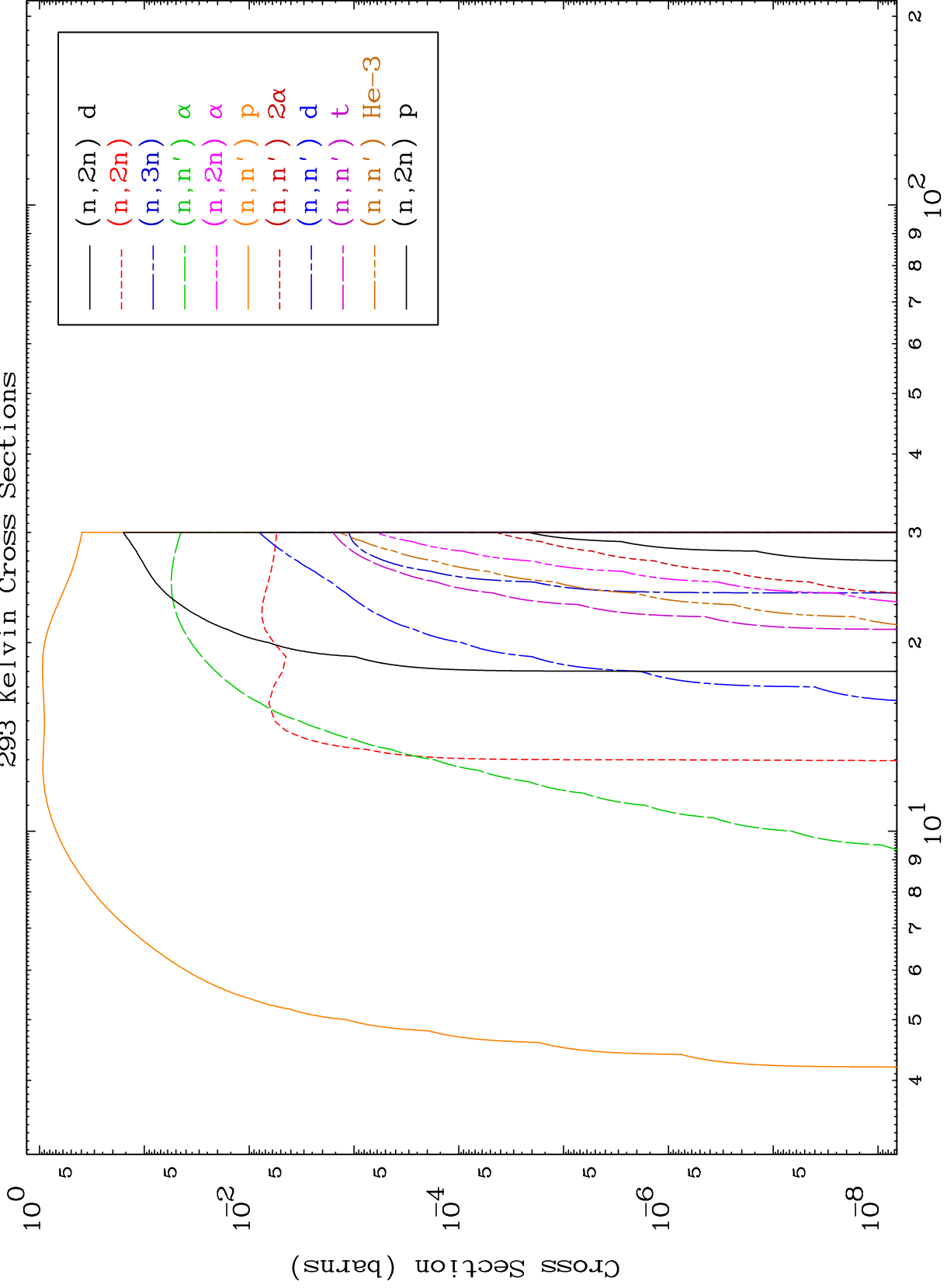
Press Mouse Button to Start

MAT 4107

Neutron Major
293 Kelvin Cross Sections

41-Nb-87

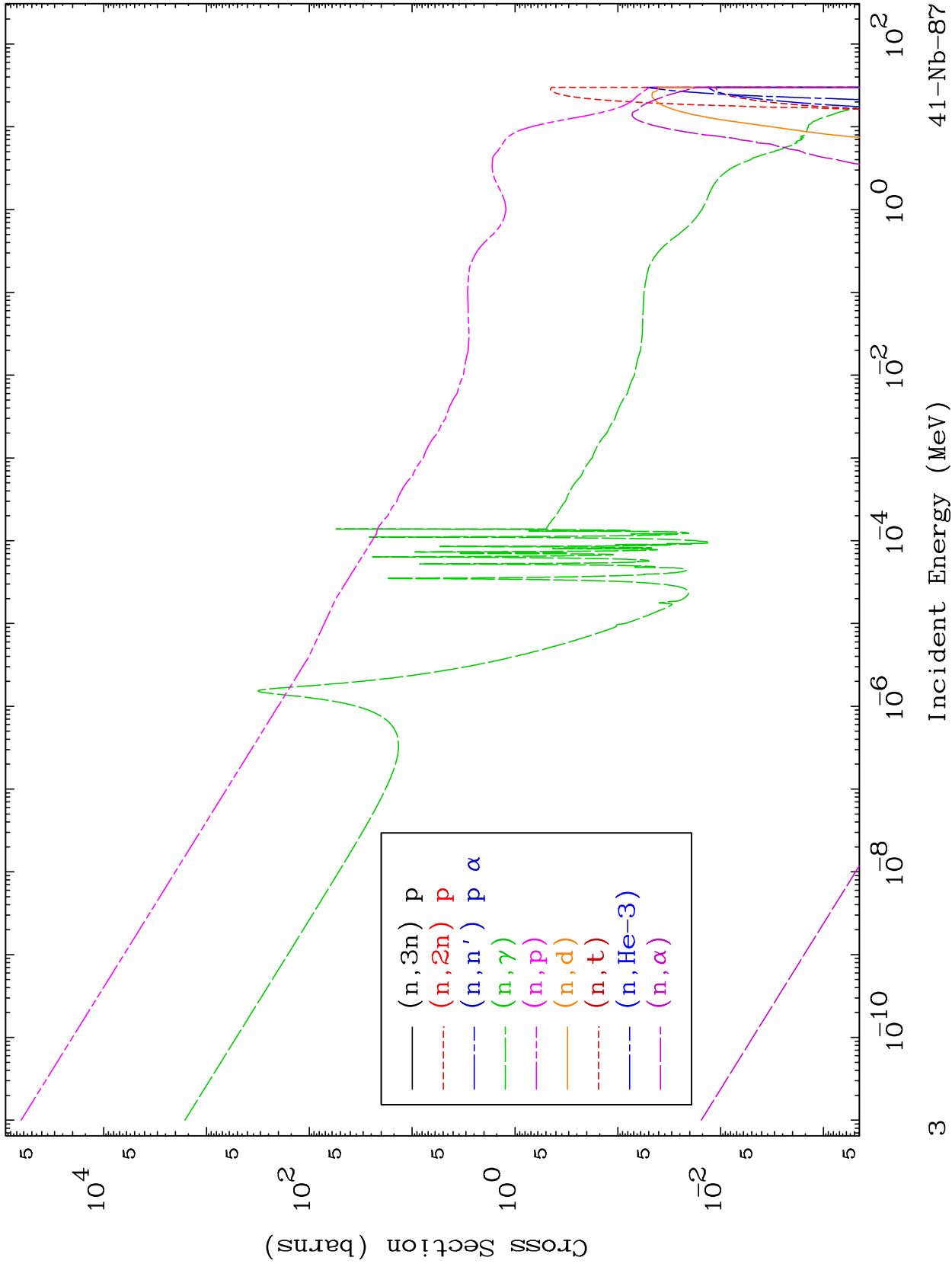




MAT 4107

Neutron Absorption
293 Kelvin Cross Sections

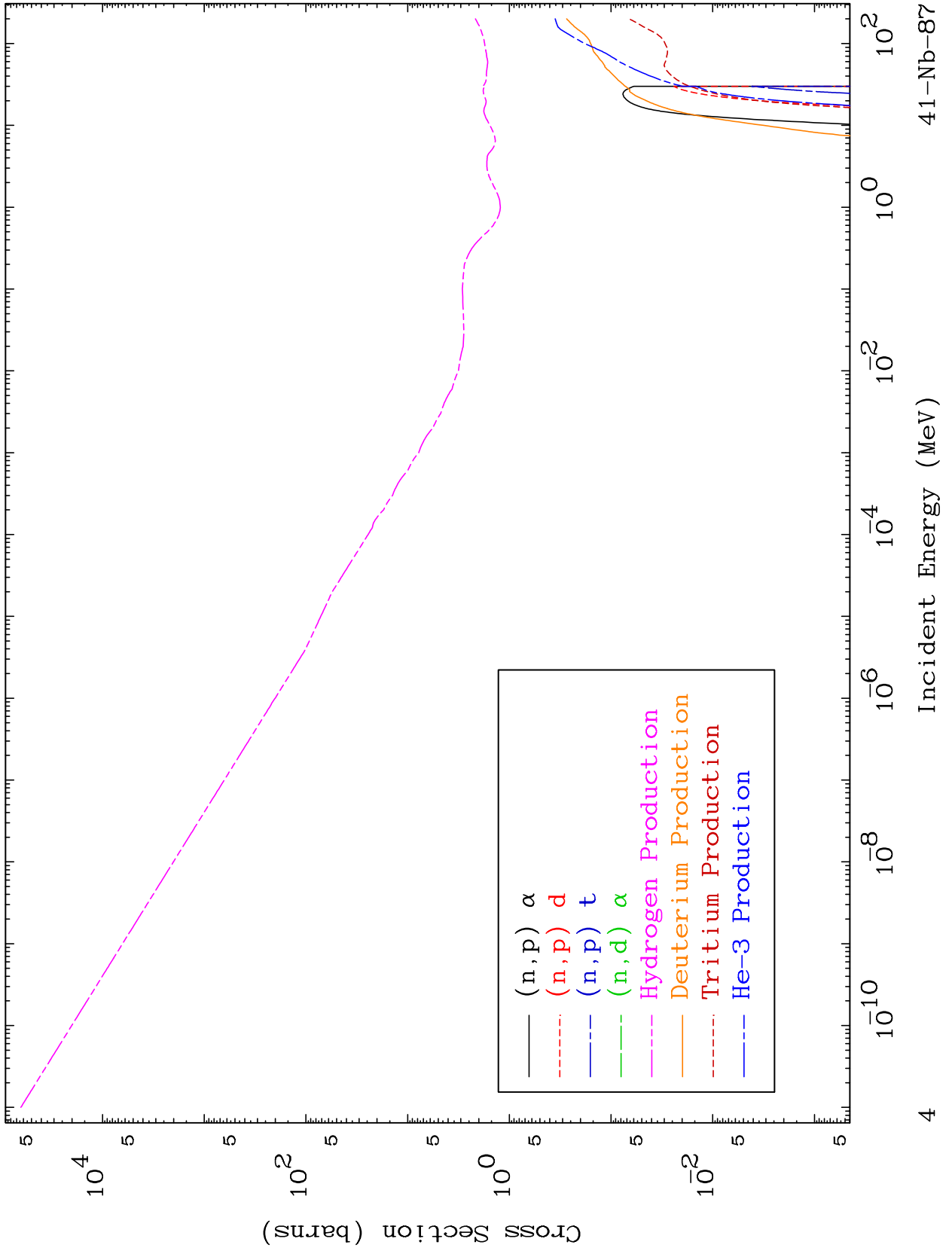
41-Nb-87



MAT 4107

Neutron Absorption
293 Kelvin Cross Sections

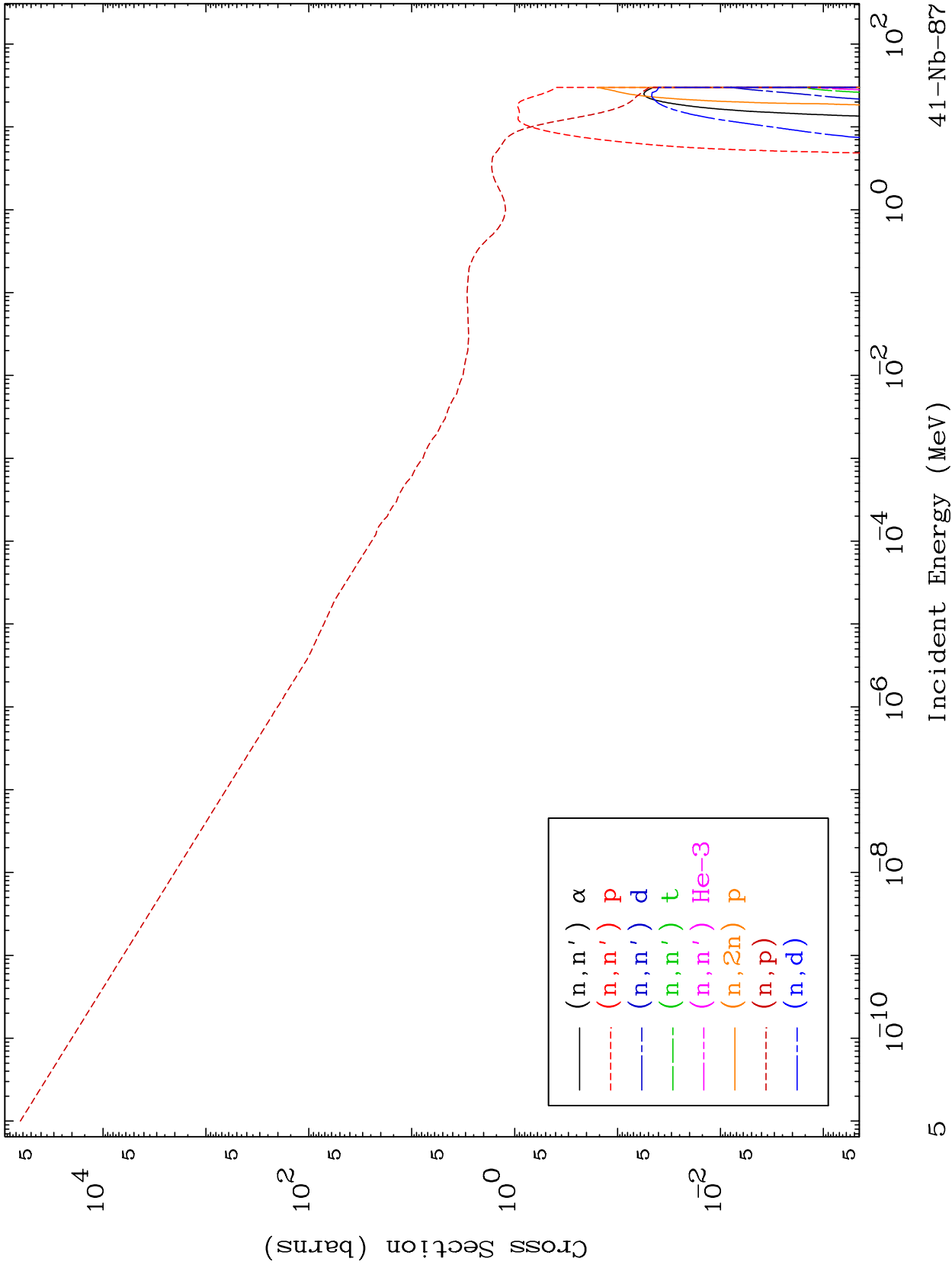
41-Nb-87



MAT 4107

Charged Particle
293 Kelvin Cross Sections

41-Nb-87



5

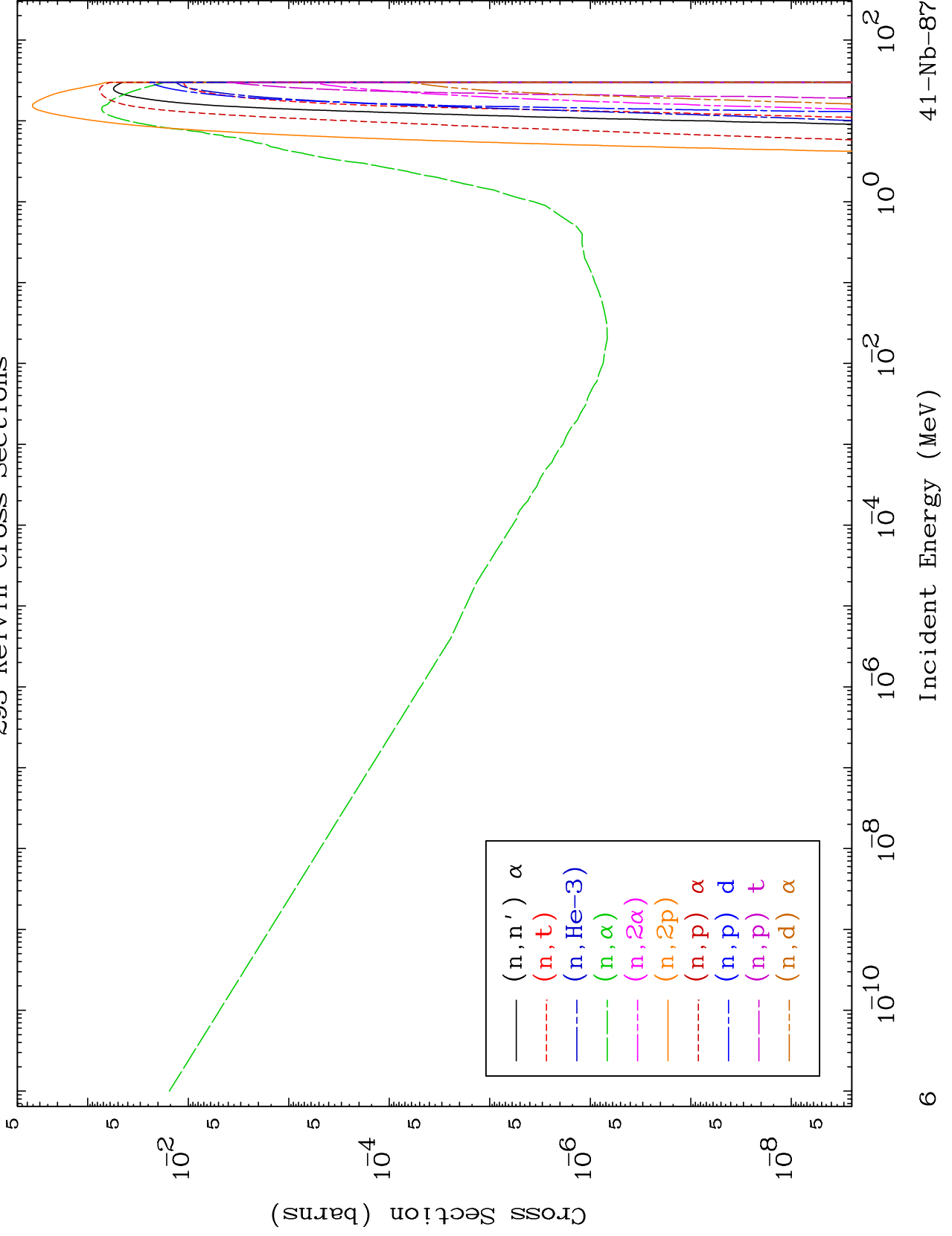
Incident Energy (MeV)

41-Nb-87

MAT 4107

Charged Particle
293 Kelvin Cross Sections

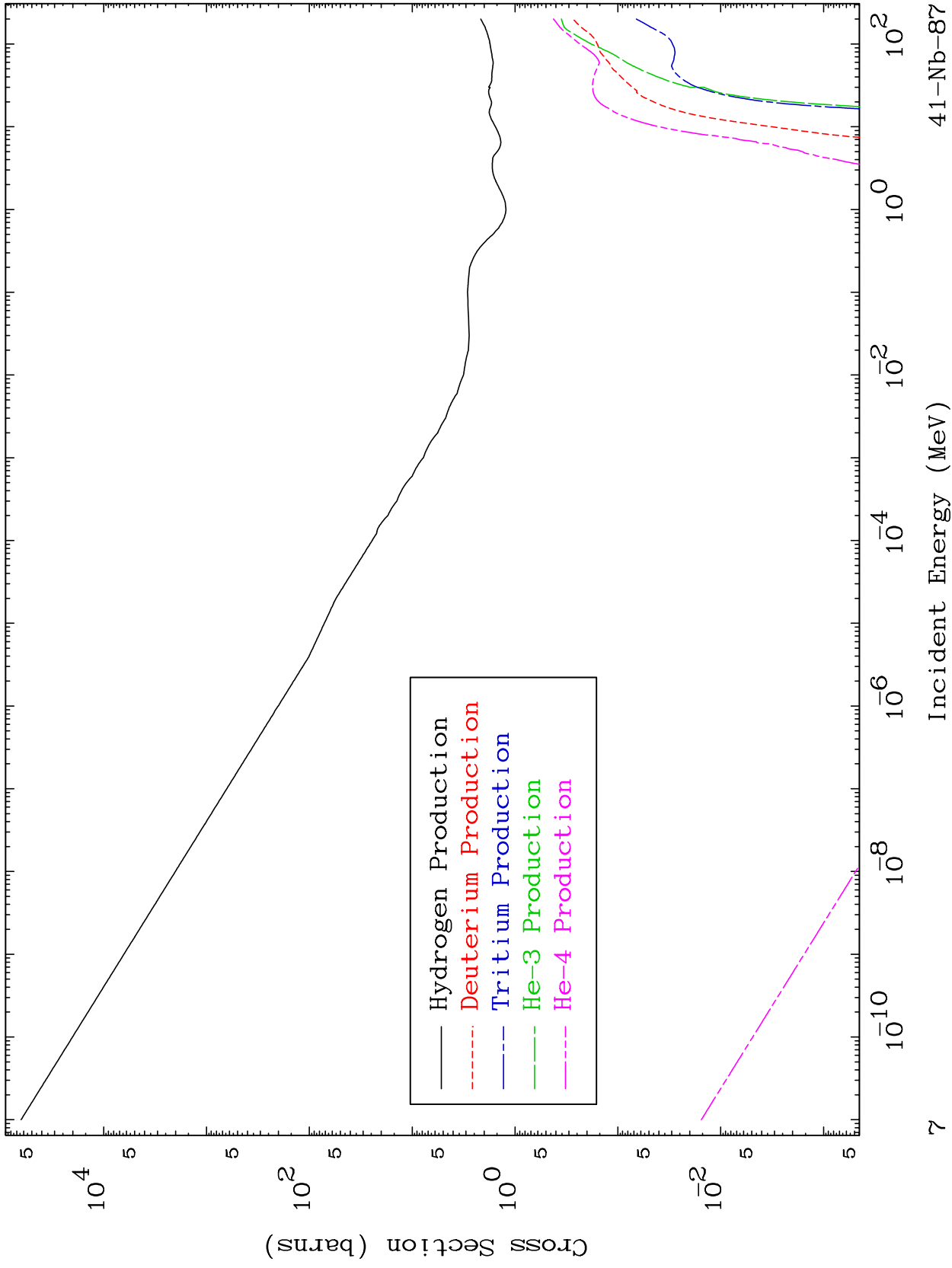
41-Nb-87



MAT 4107

Particle Production
293 Kelvin Cross Sections

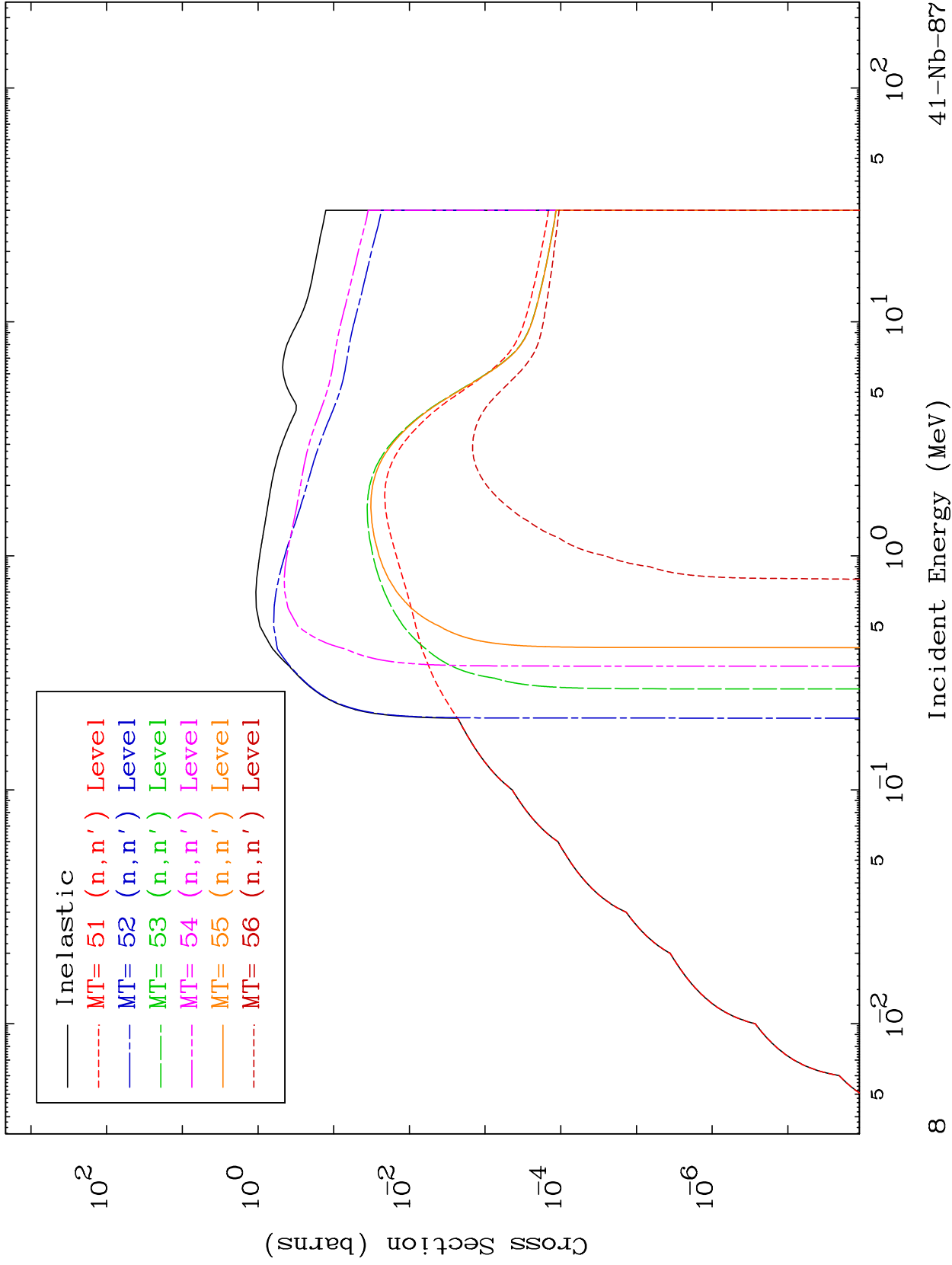
41-Nb-87



MAT 4107

(n,n') Levels
293 Kelvin Cross Sections

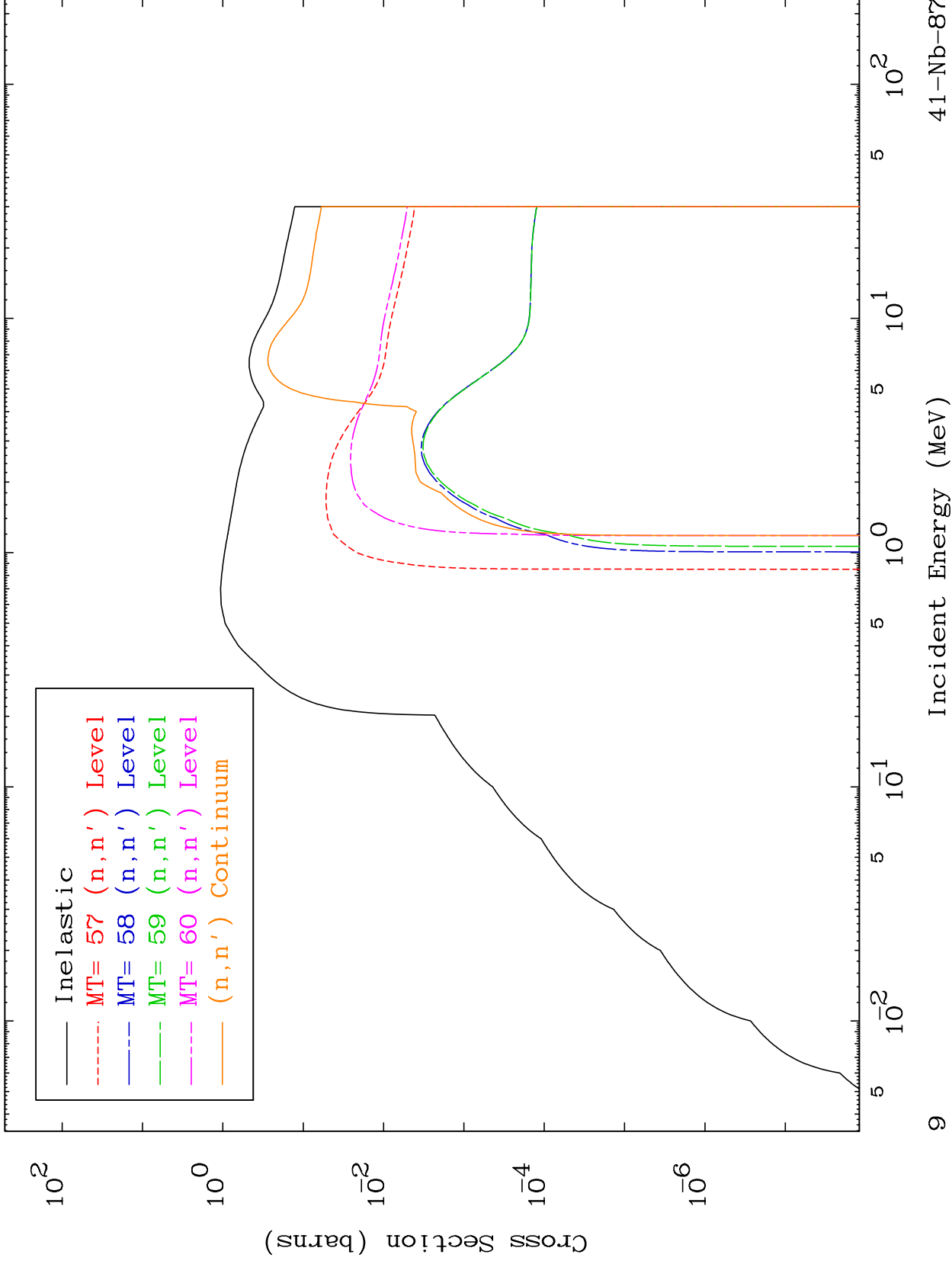
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MAT 4107

(n,n') Levels
293 Kelvin Cross Sections

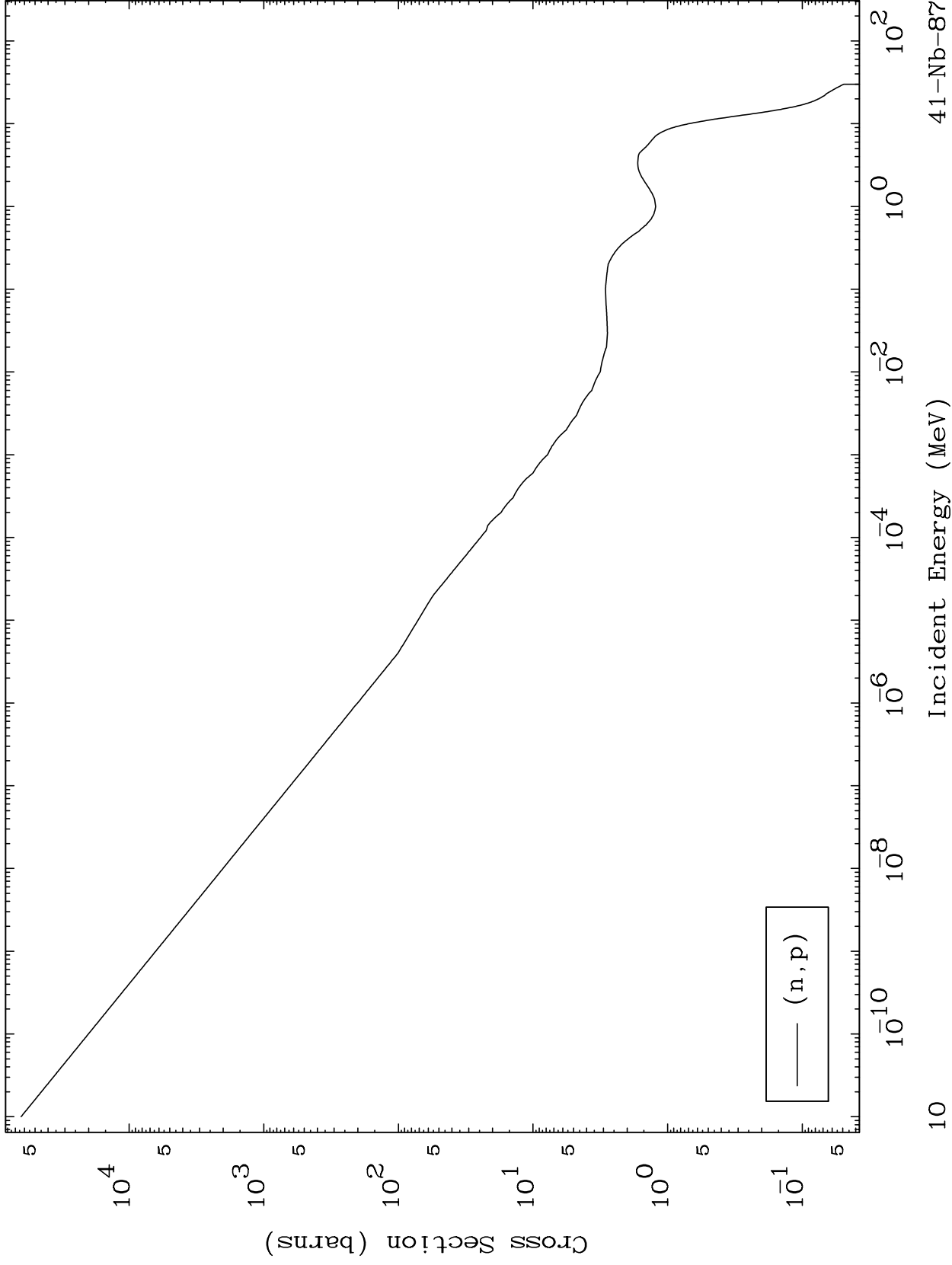
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MAT 4107

(n,p) Levels
293 Kelvin Cross Sections

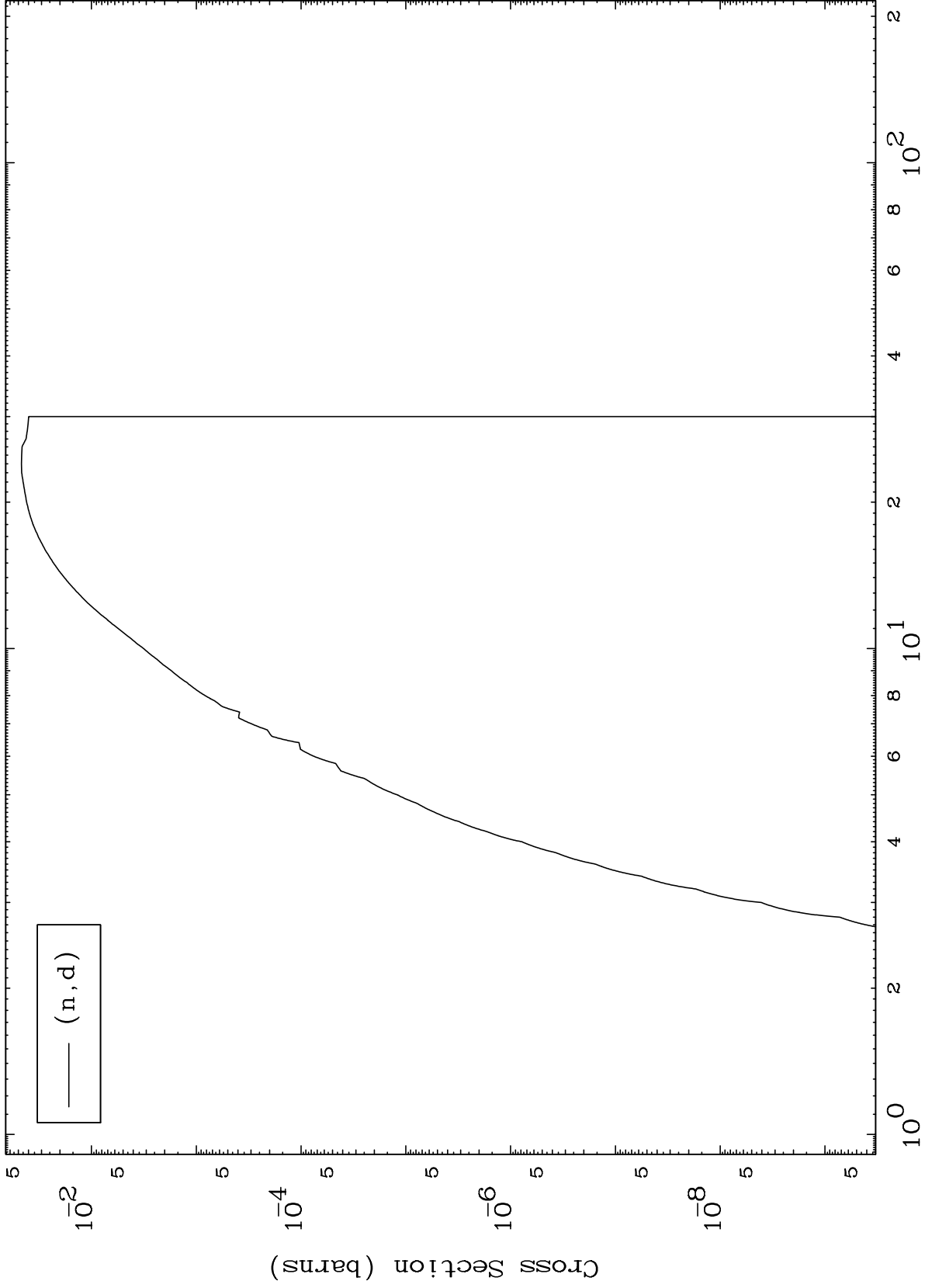
41-Nb-87



MAT 4107

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-87



11

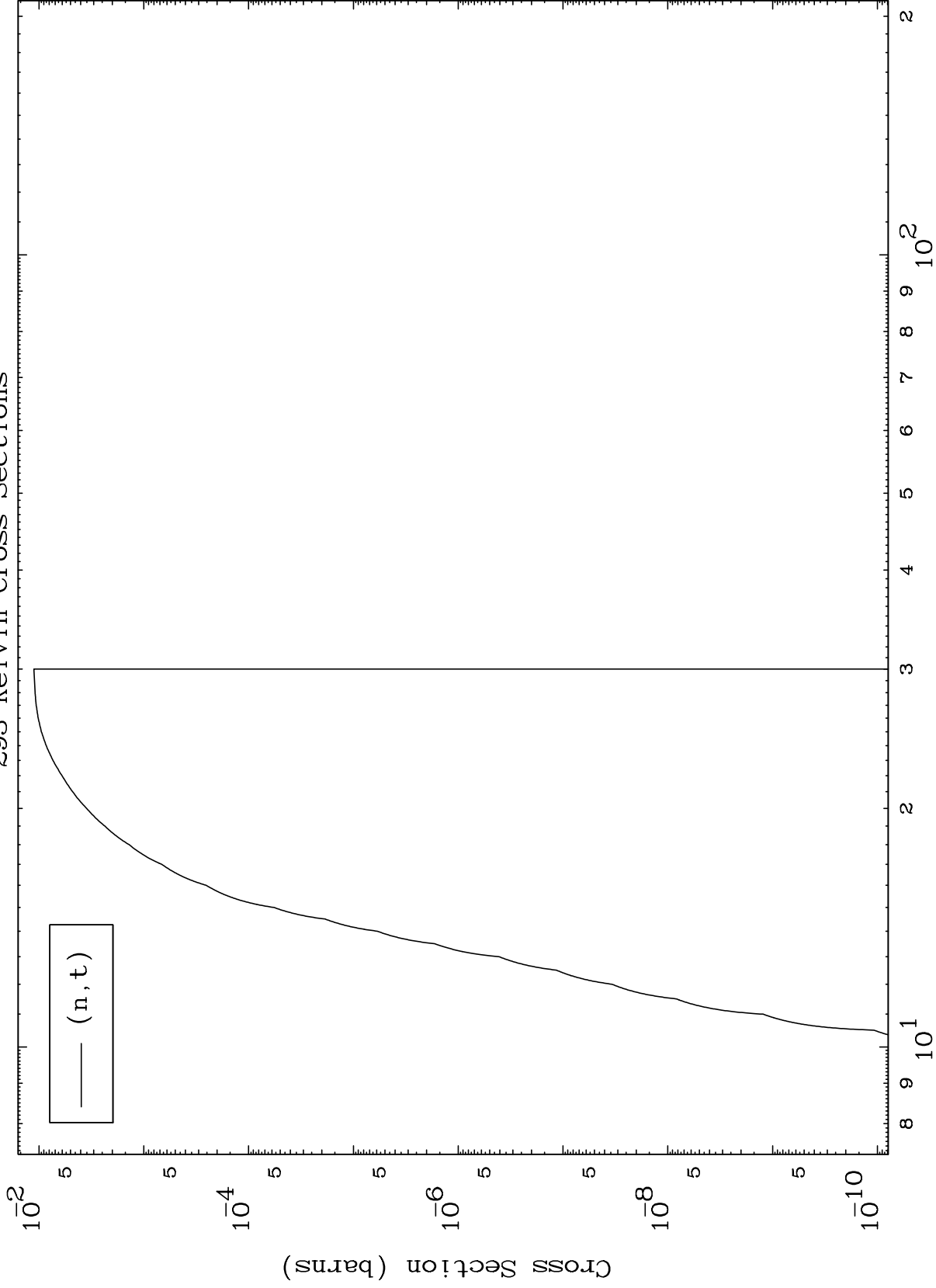
Incident Energy (MeV)

41-Nb-87

MAT 4107

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-87



12

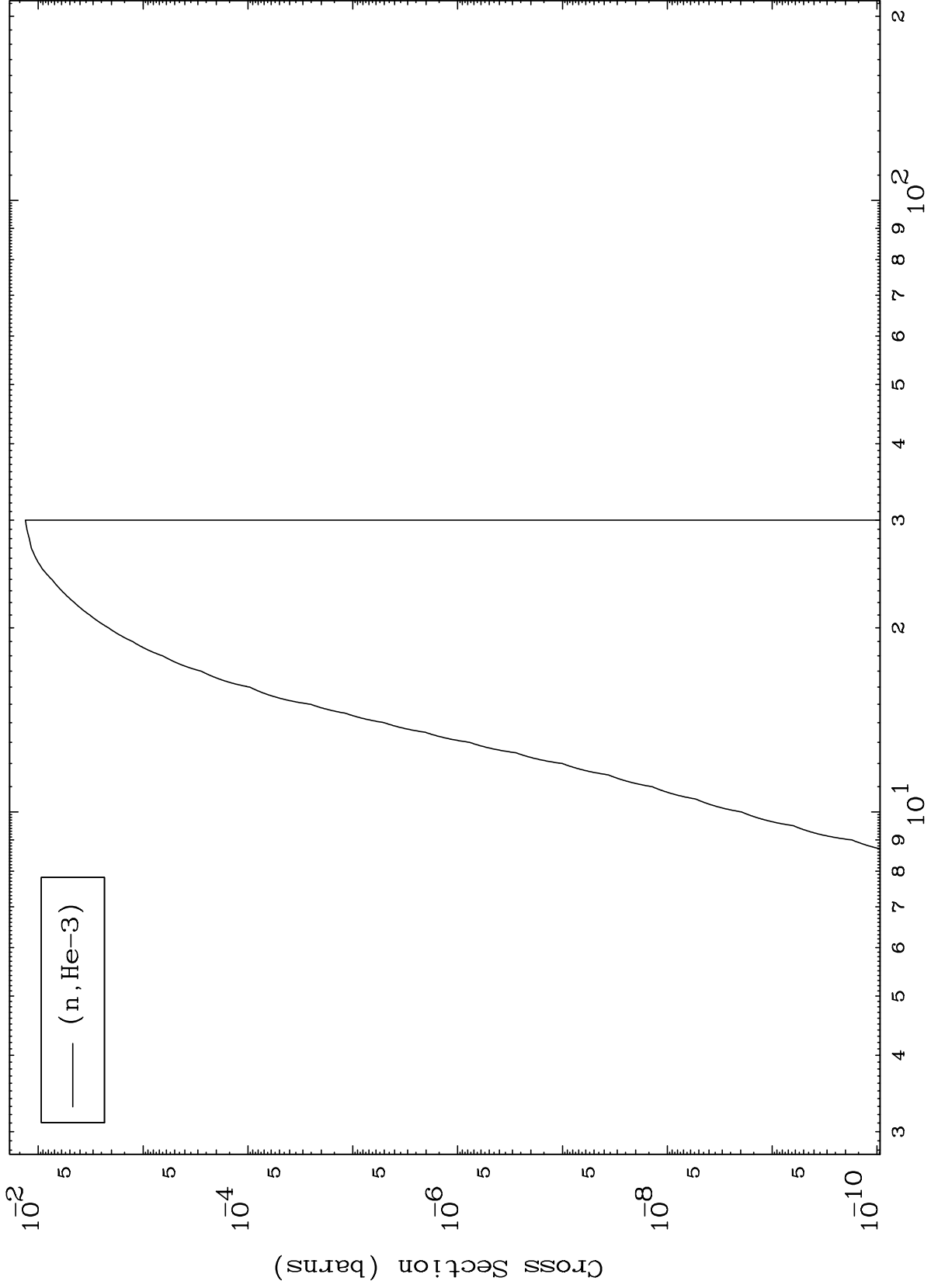
Incident Energy (MeV)

41-Nb-87

MAT 4107

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-87



13

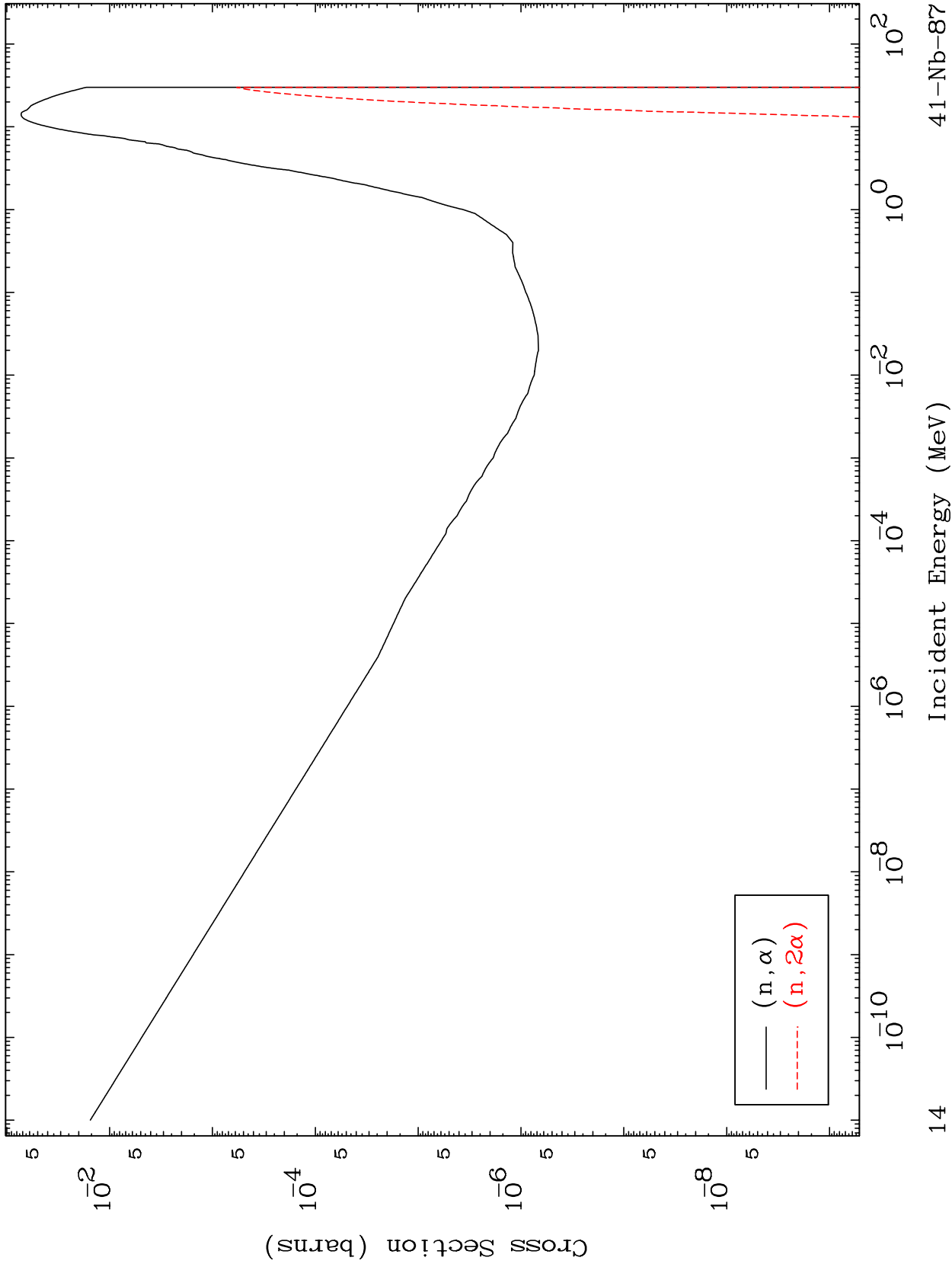
Incident Energy (MeV)

41-Nb-87

MAT 4107

(n, α) Levels
293 Kelvin Cross Sections

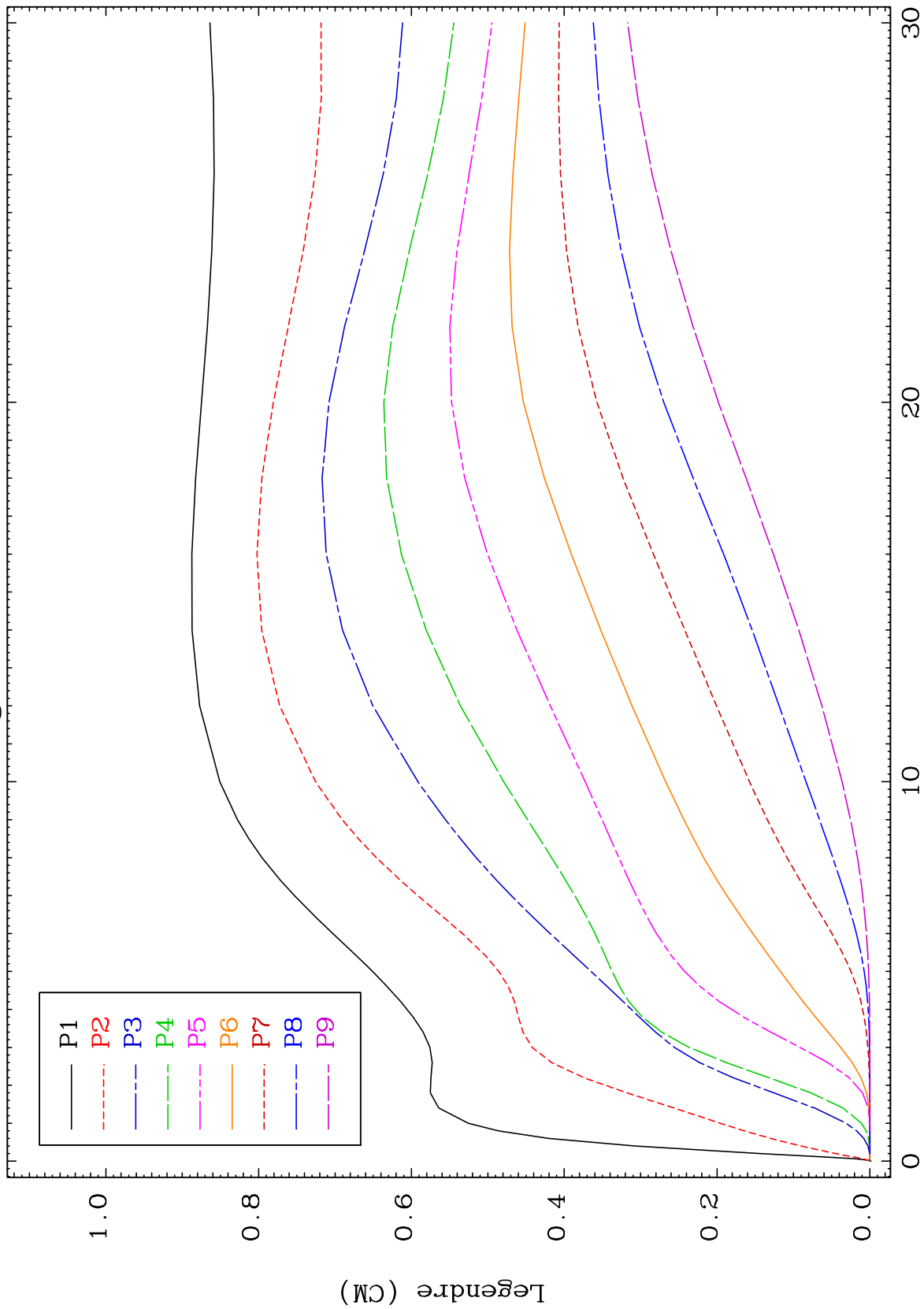
41-Nb-87



MAT 4107

Elastic Legendre Coefficients

41-Nb-87



15

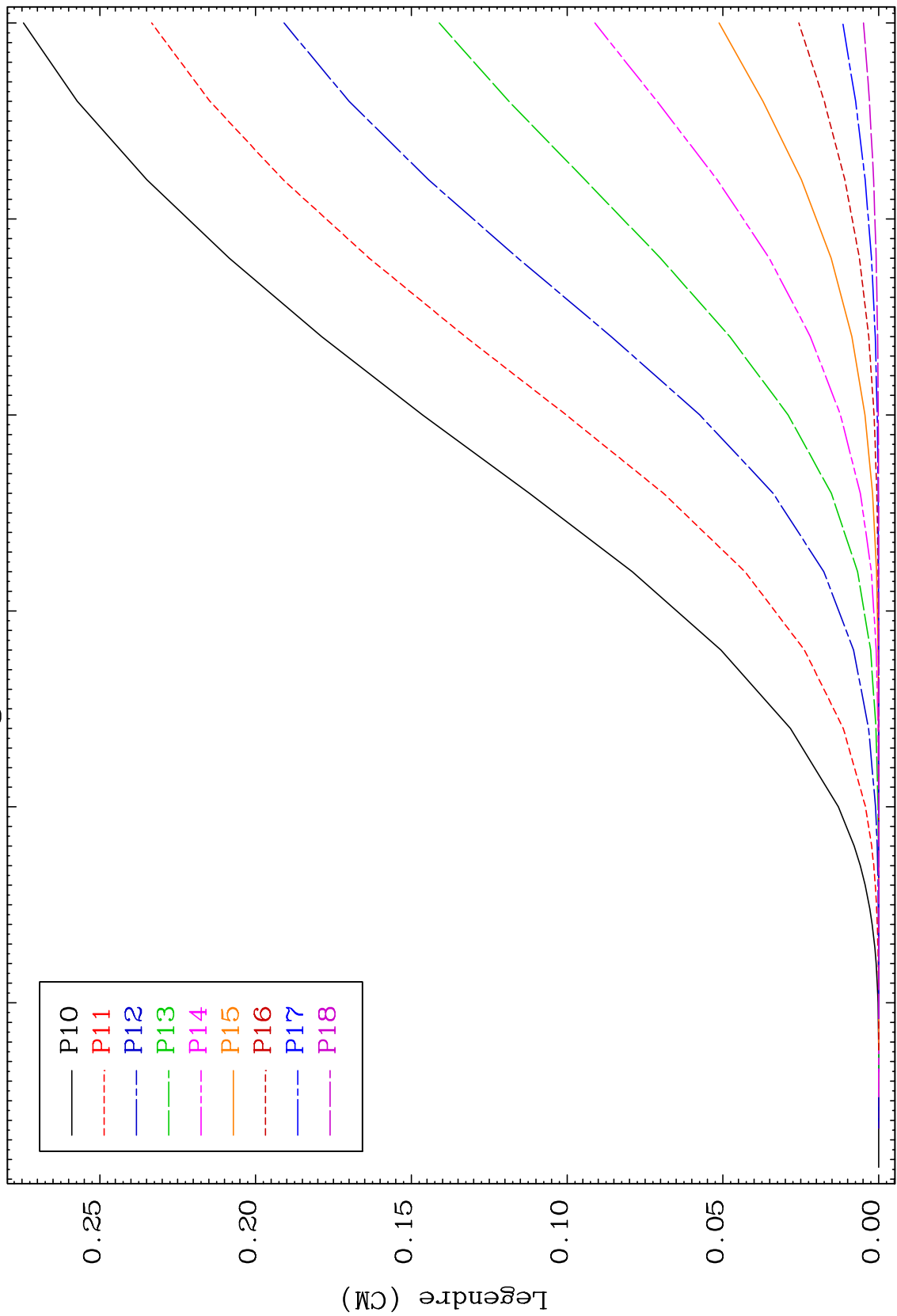
Incident Energy (MeV)

41-Nb-87

MAT 4107

Elastic Legendre Coefficients

41-Nb-87



16

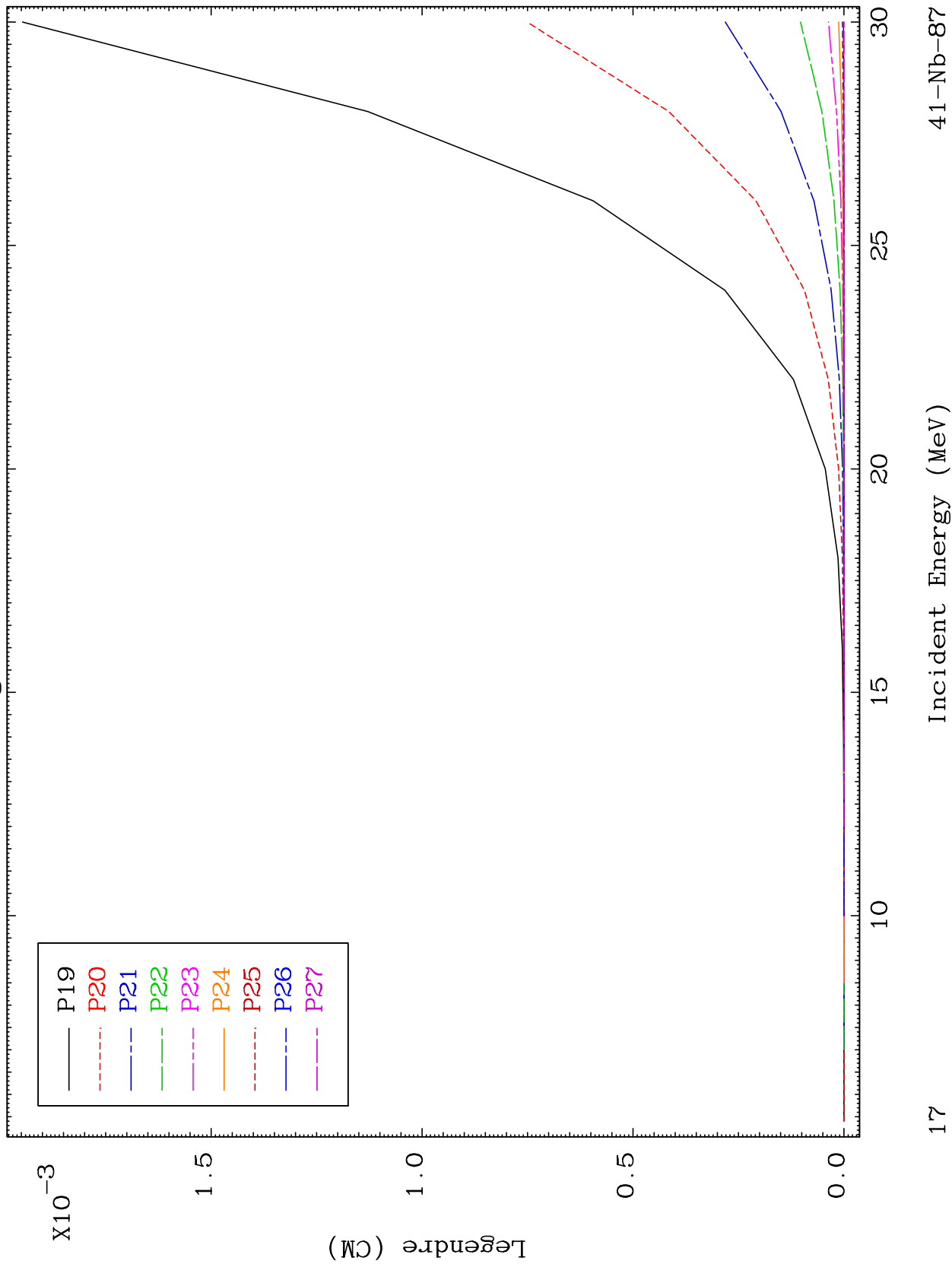
41-Nb-87

Incident Energy (MeV)

MAT 4107

Elastic
Legendre Coefficients

41-Nb-87



17

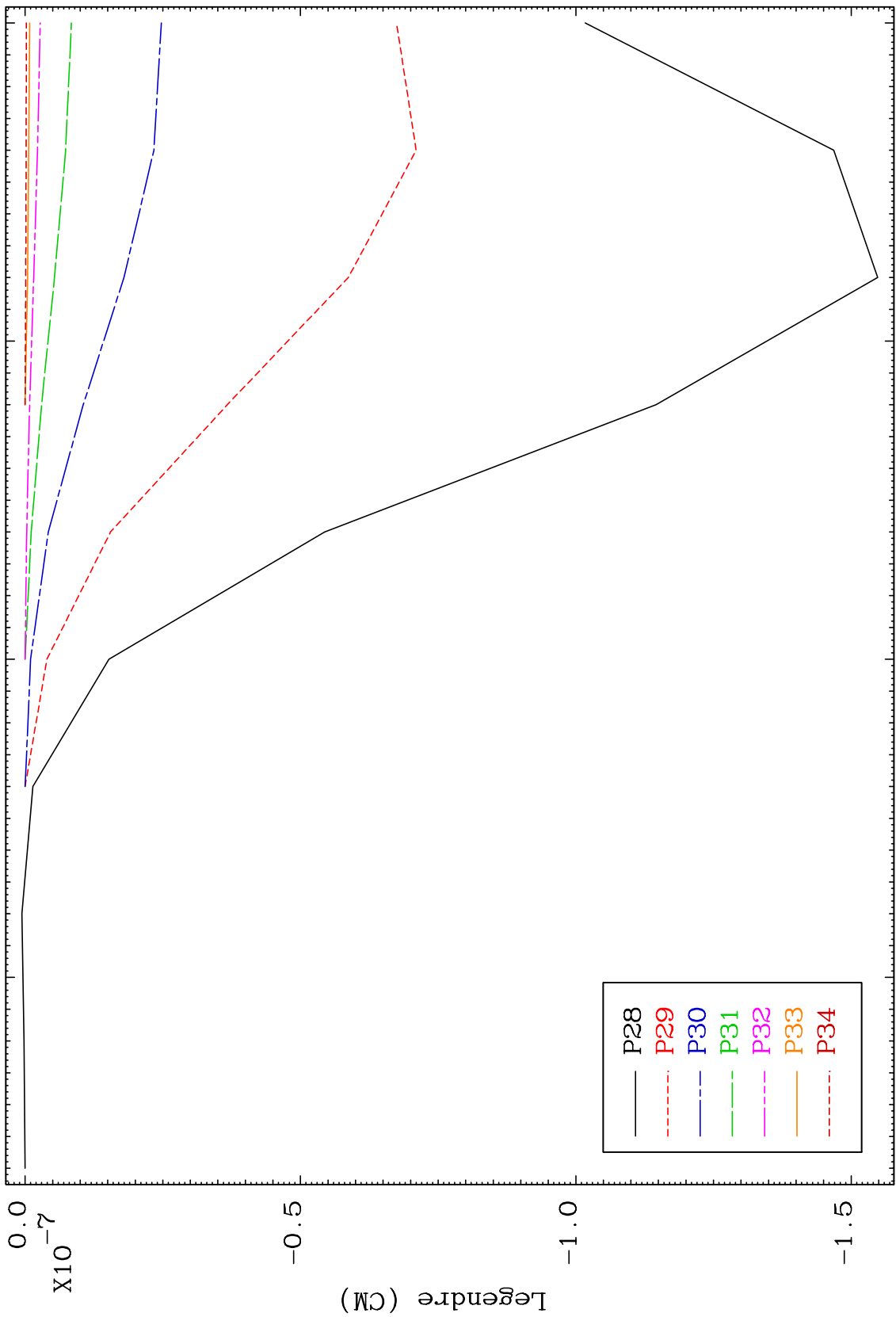
Incident Energy (MeV)

41-Nb-87

MAT 4107

41-Nb-87

Elastic Legendre Coefficients



18

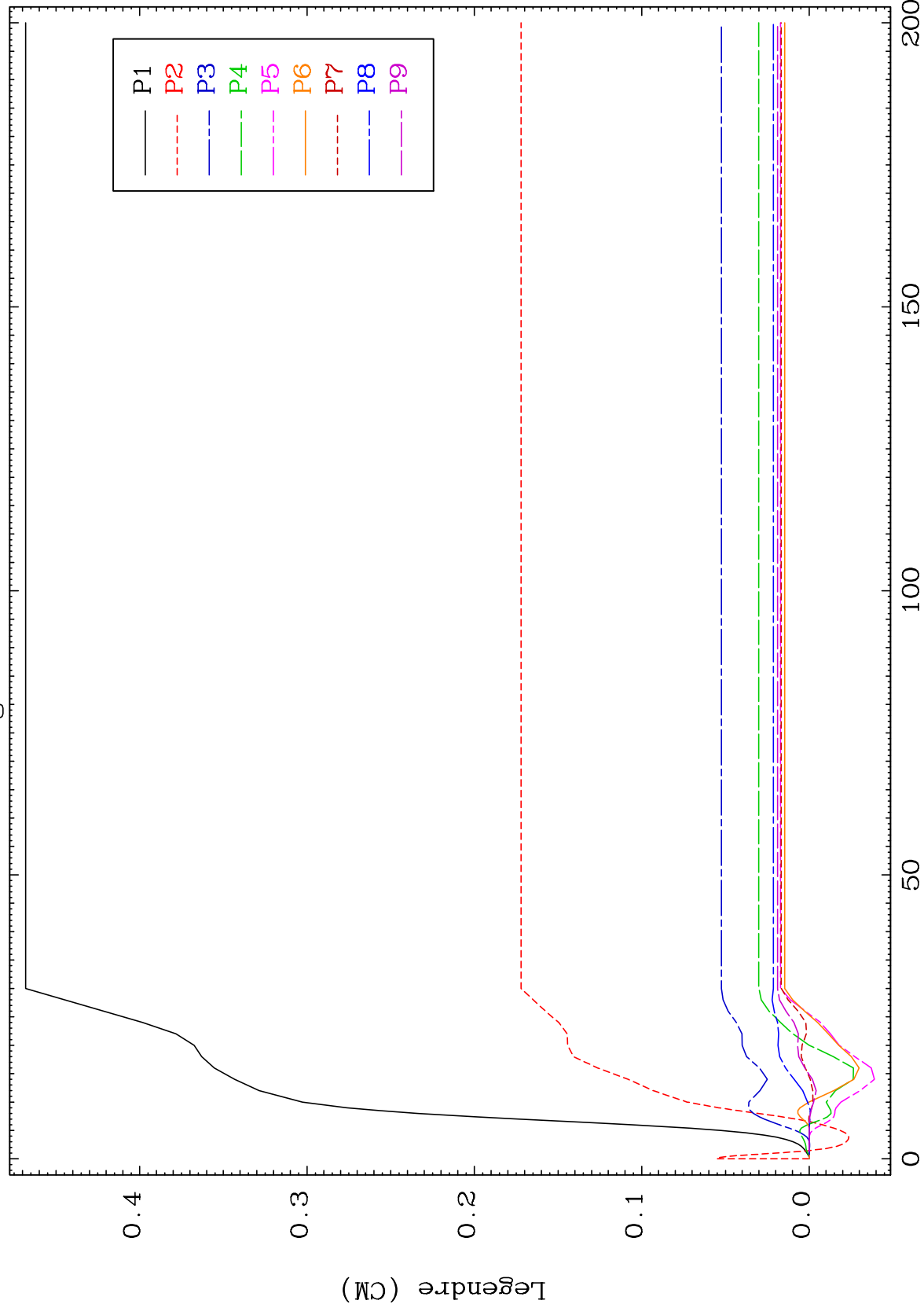
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



19

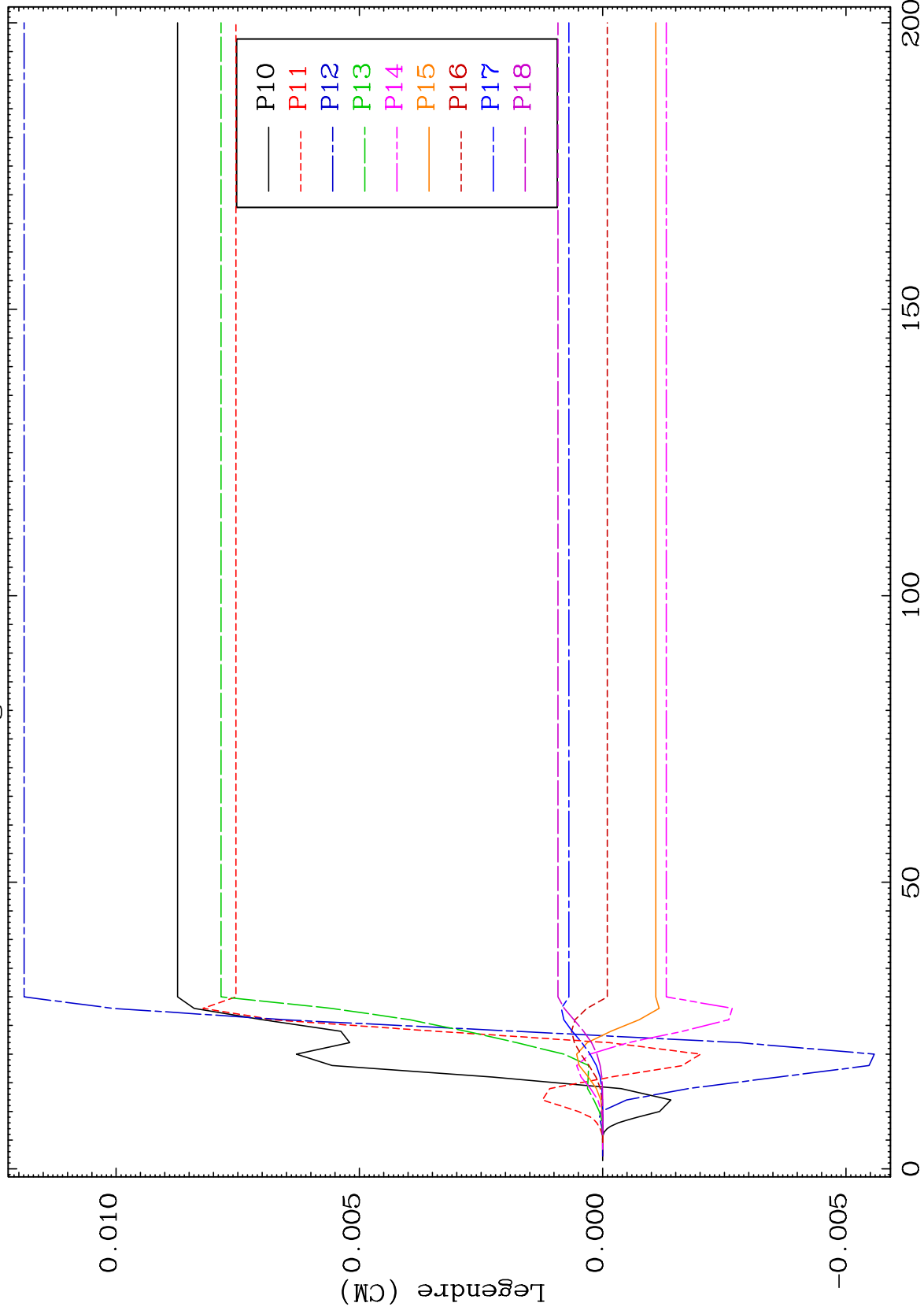
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



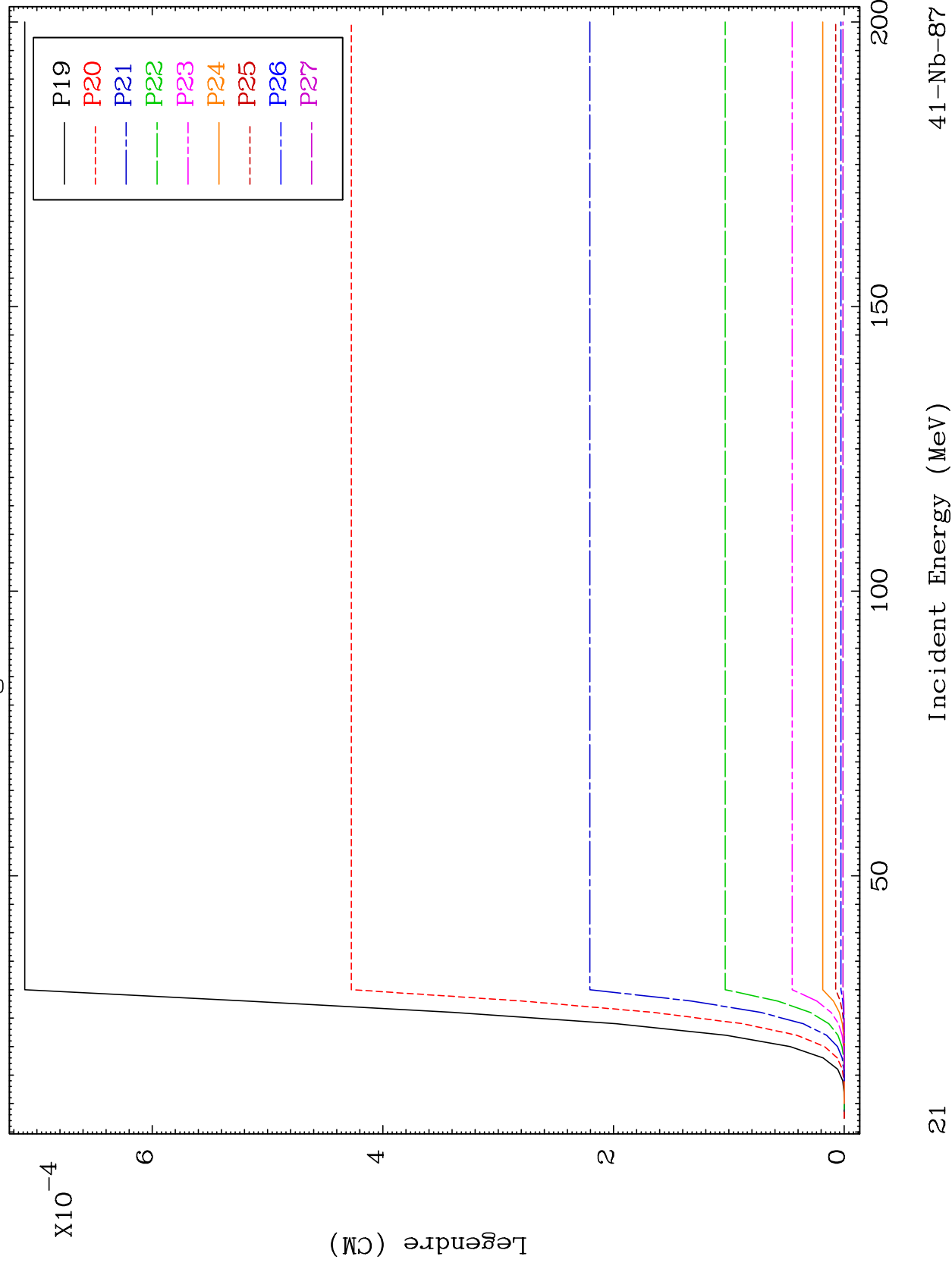
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87

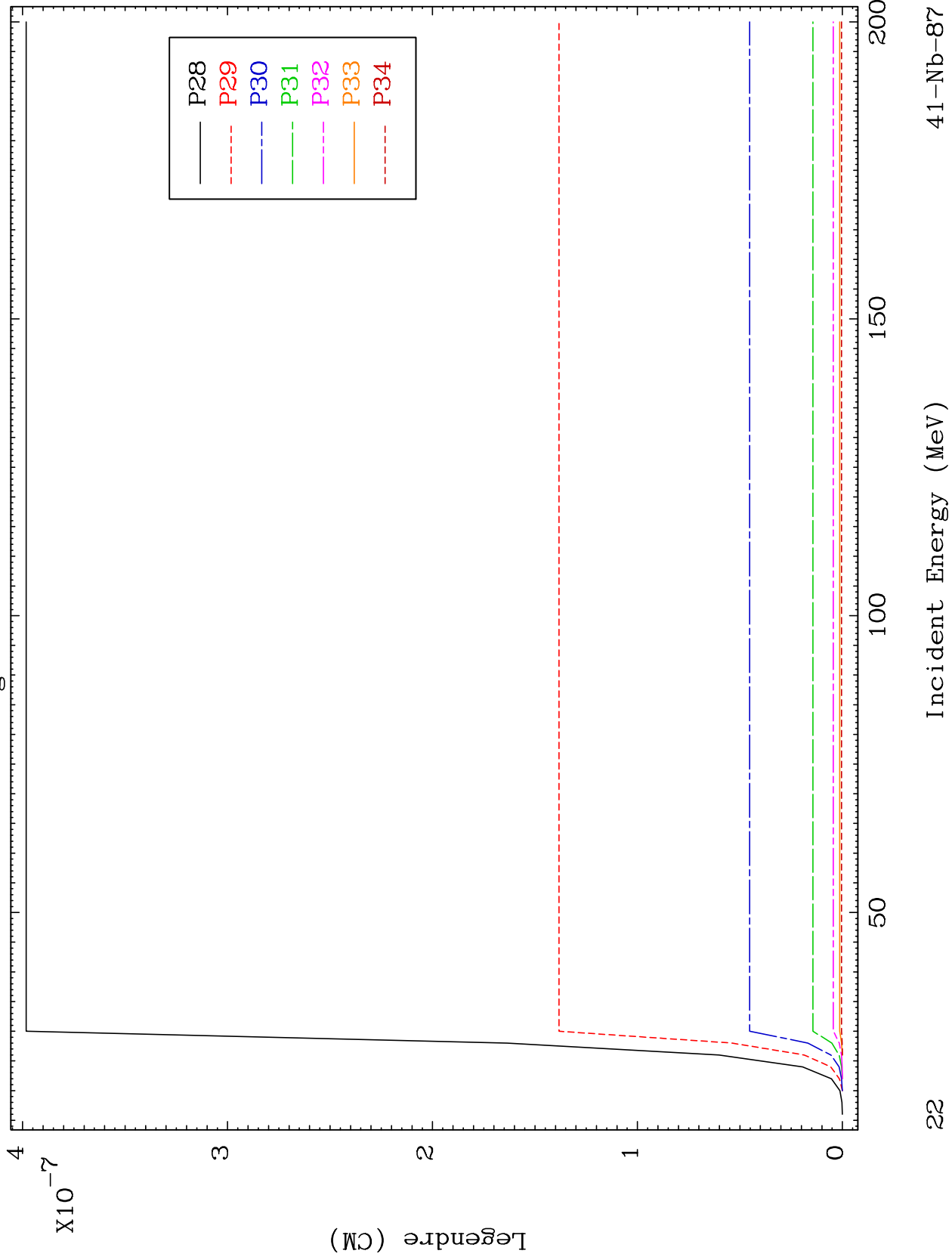


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MAT 4107

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

41-Nb-87

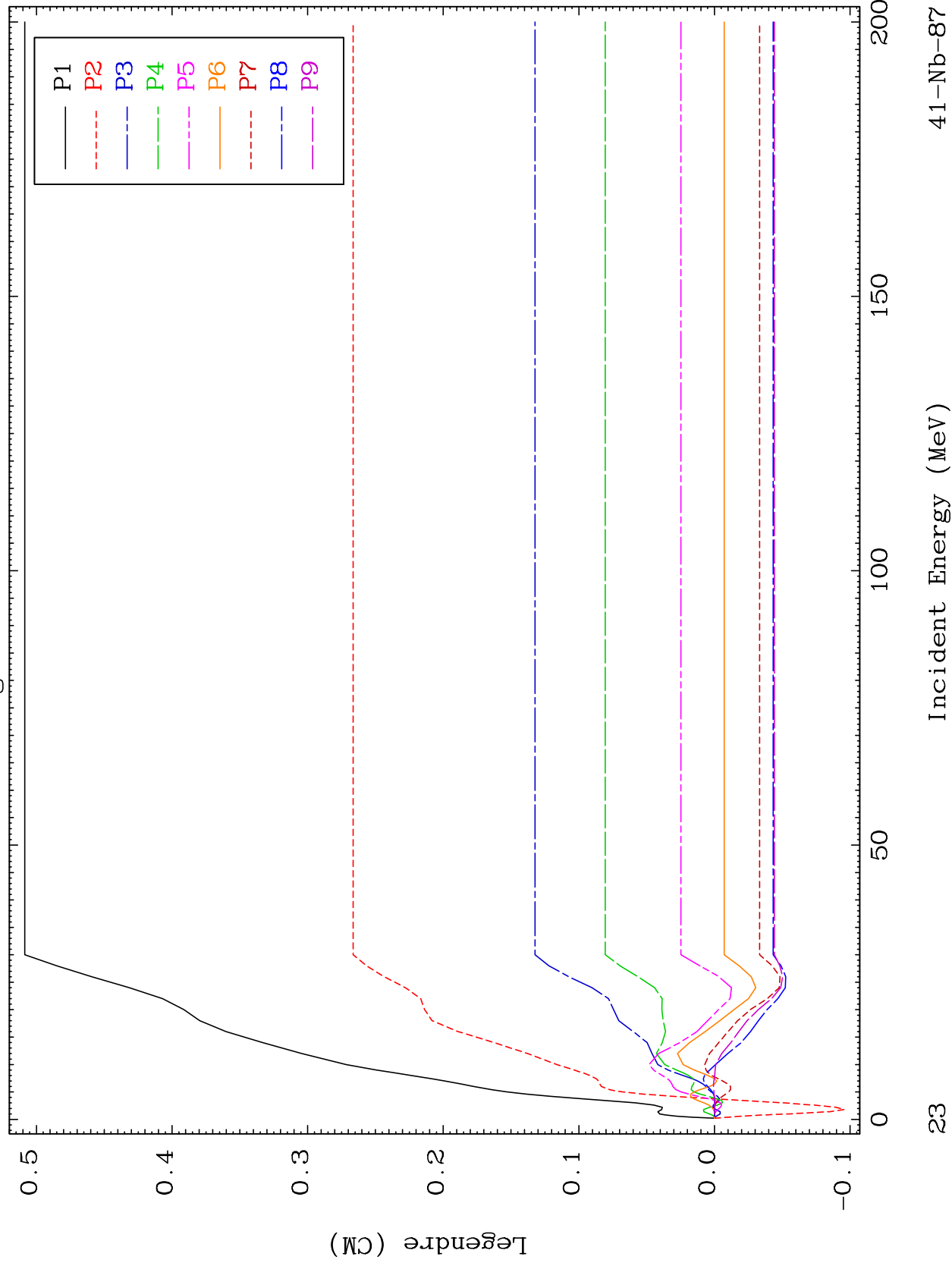


22

MAT 4107

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

41-Nb-87

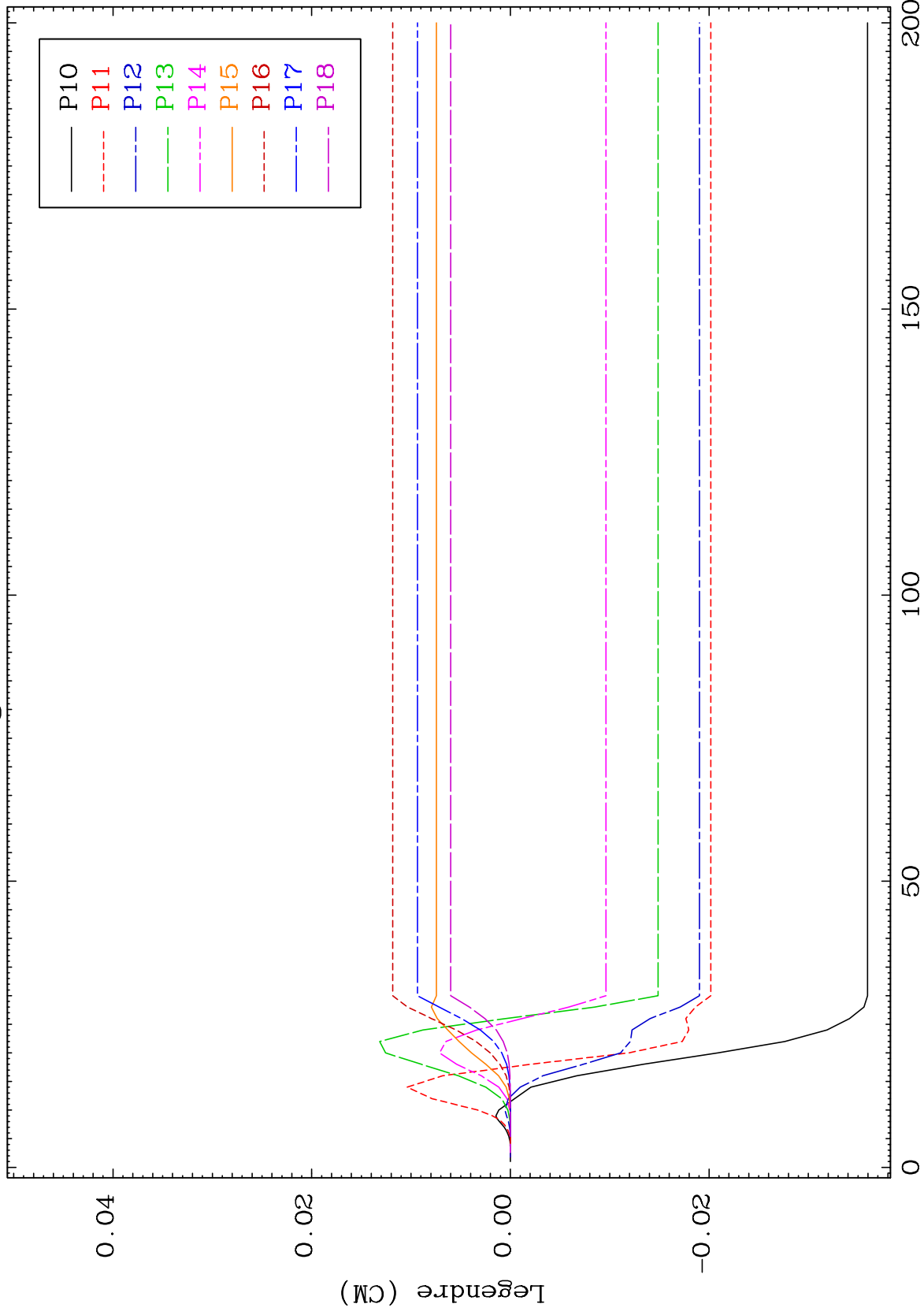


23

MAT 4107

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

41-Nb-87



24

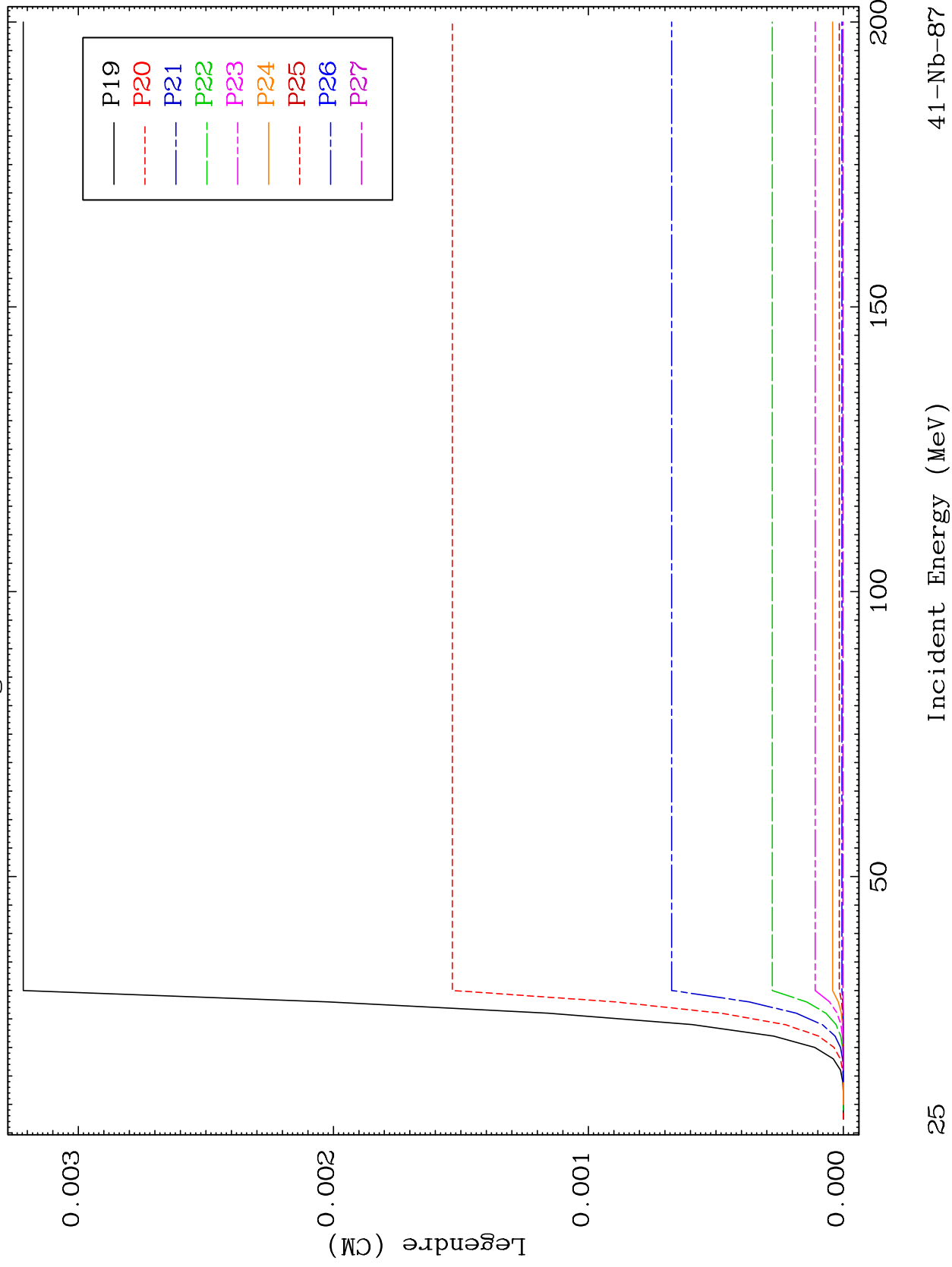
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



25

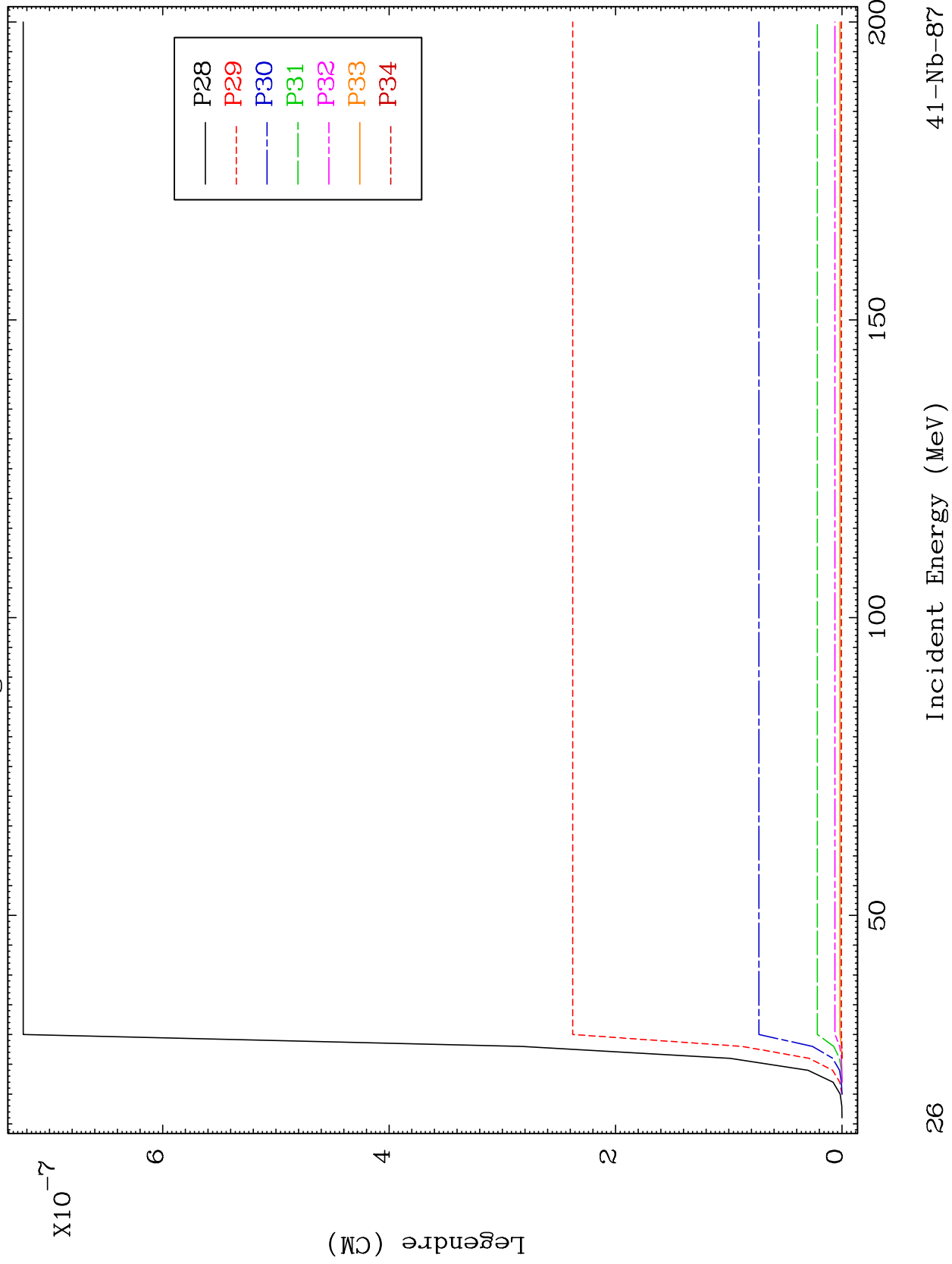
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



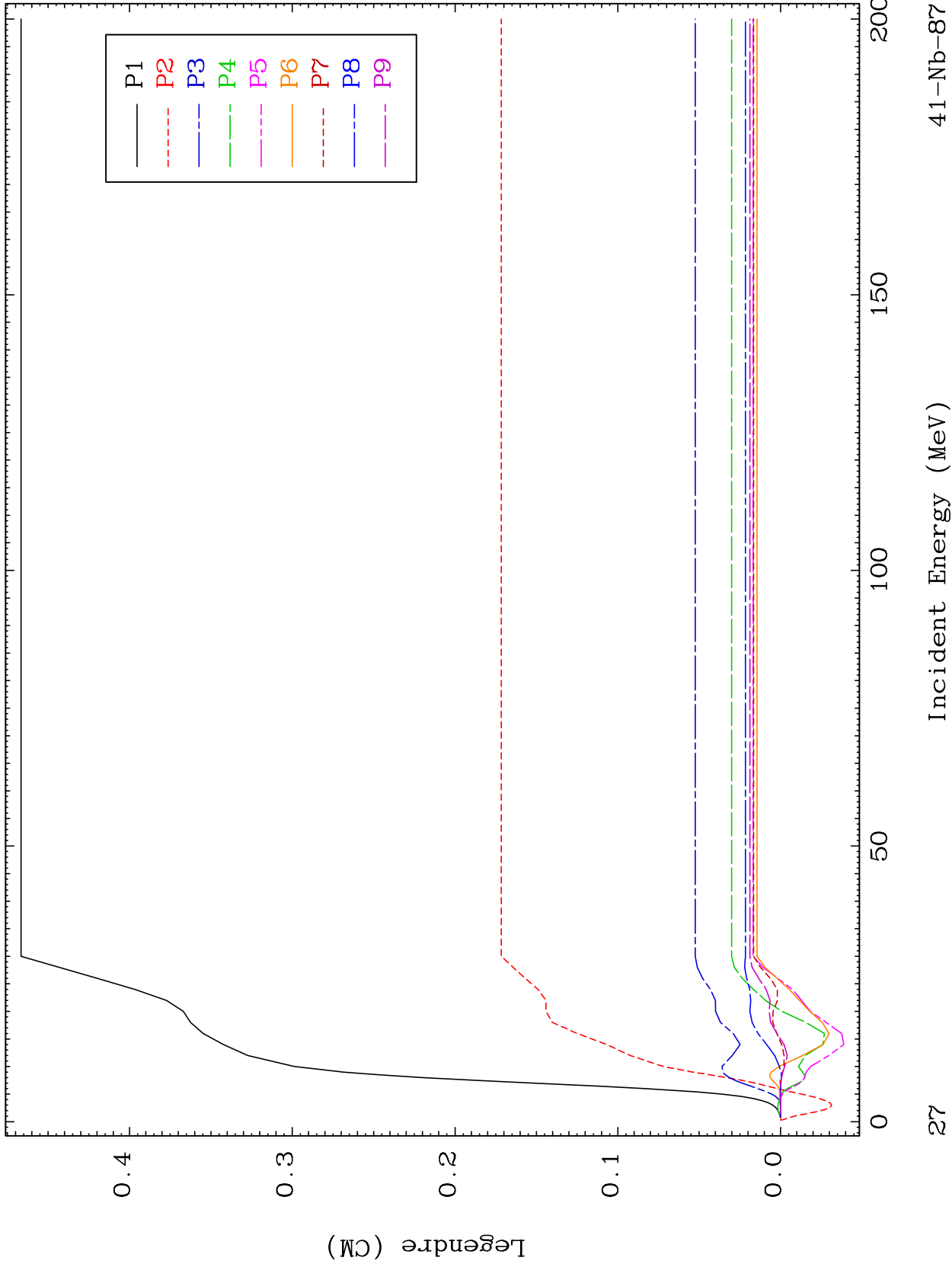
26

41-Nb-87

MAT 4107

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

41-Nb-87



27

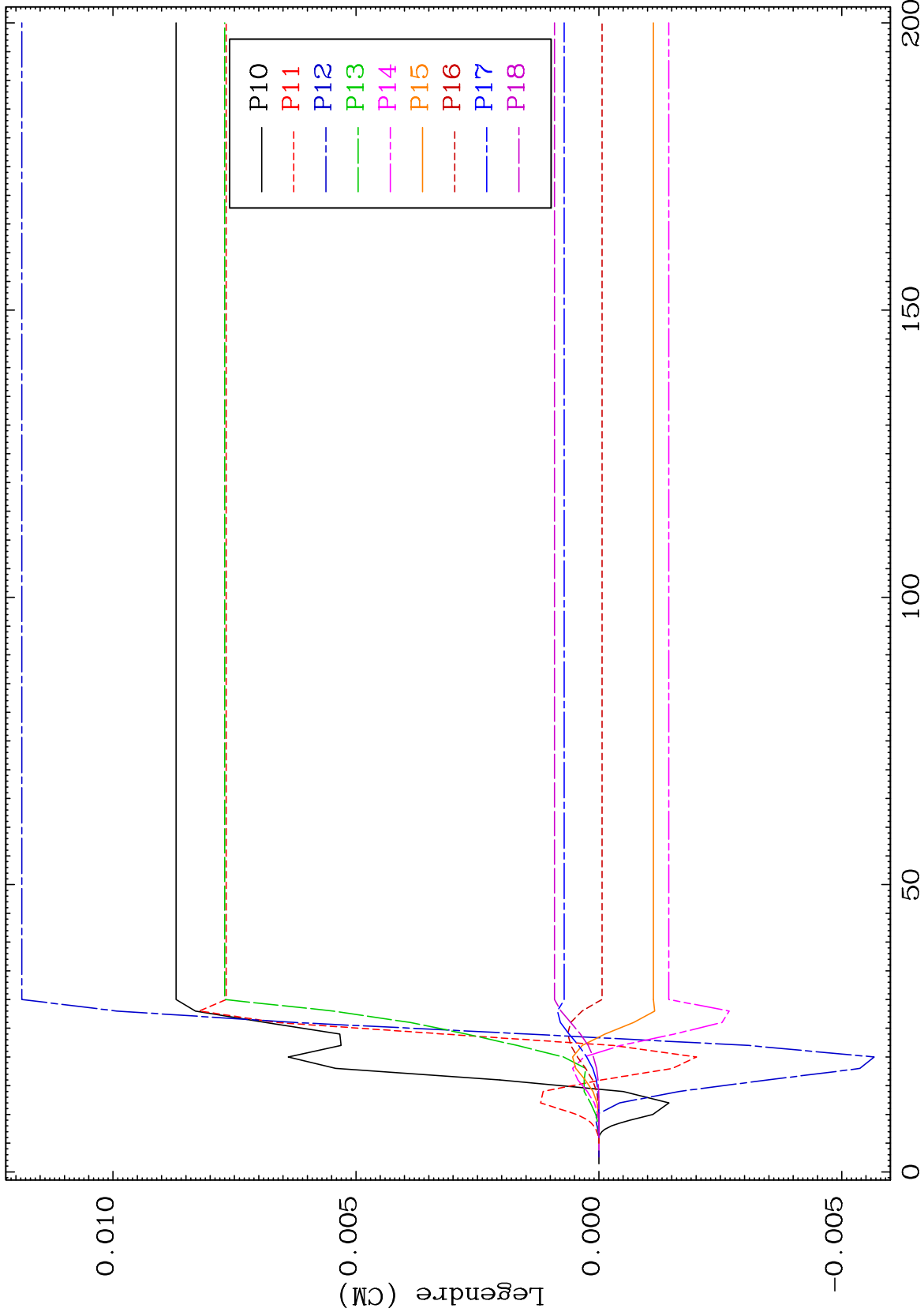
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



28

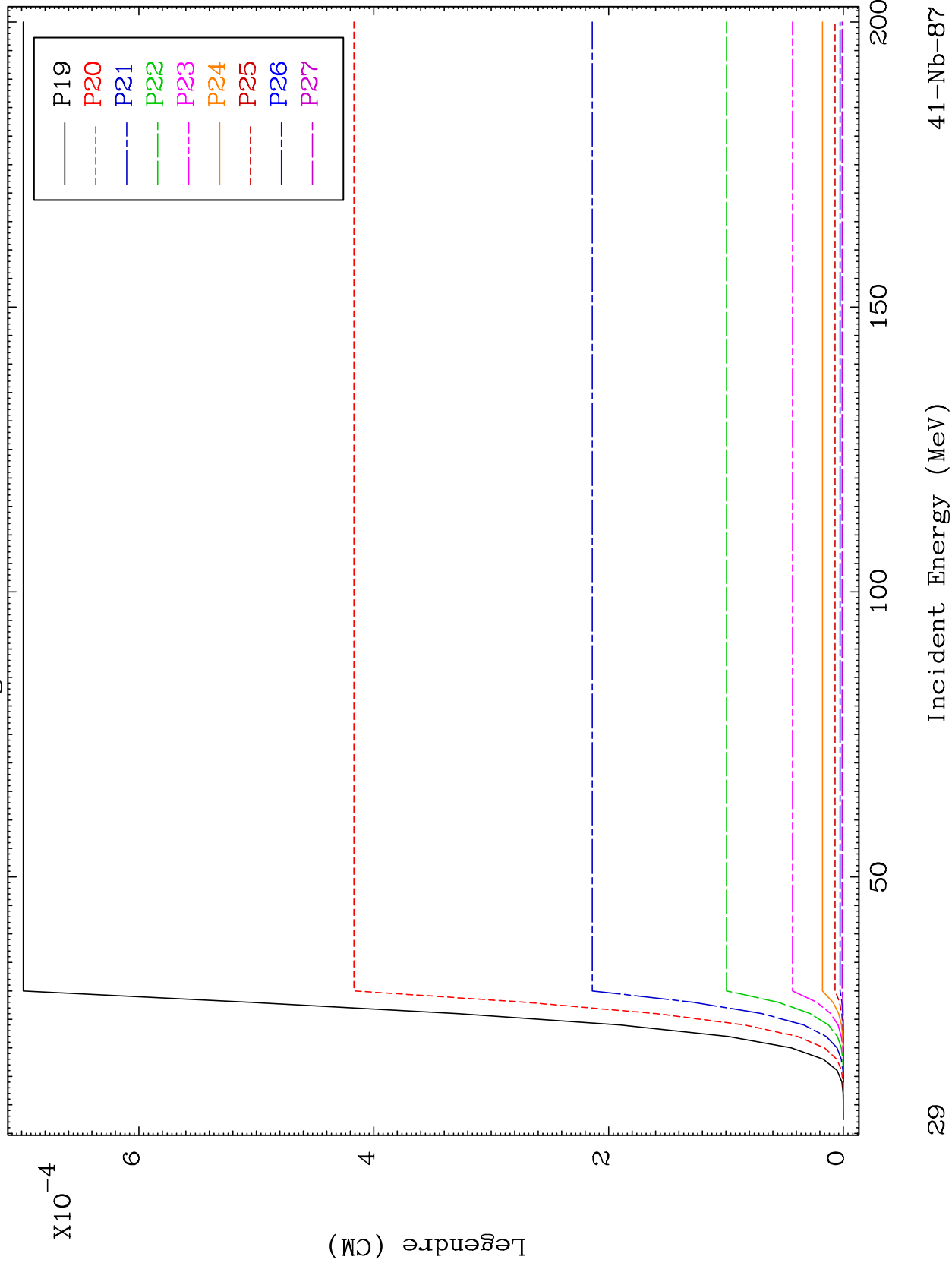
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87

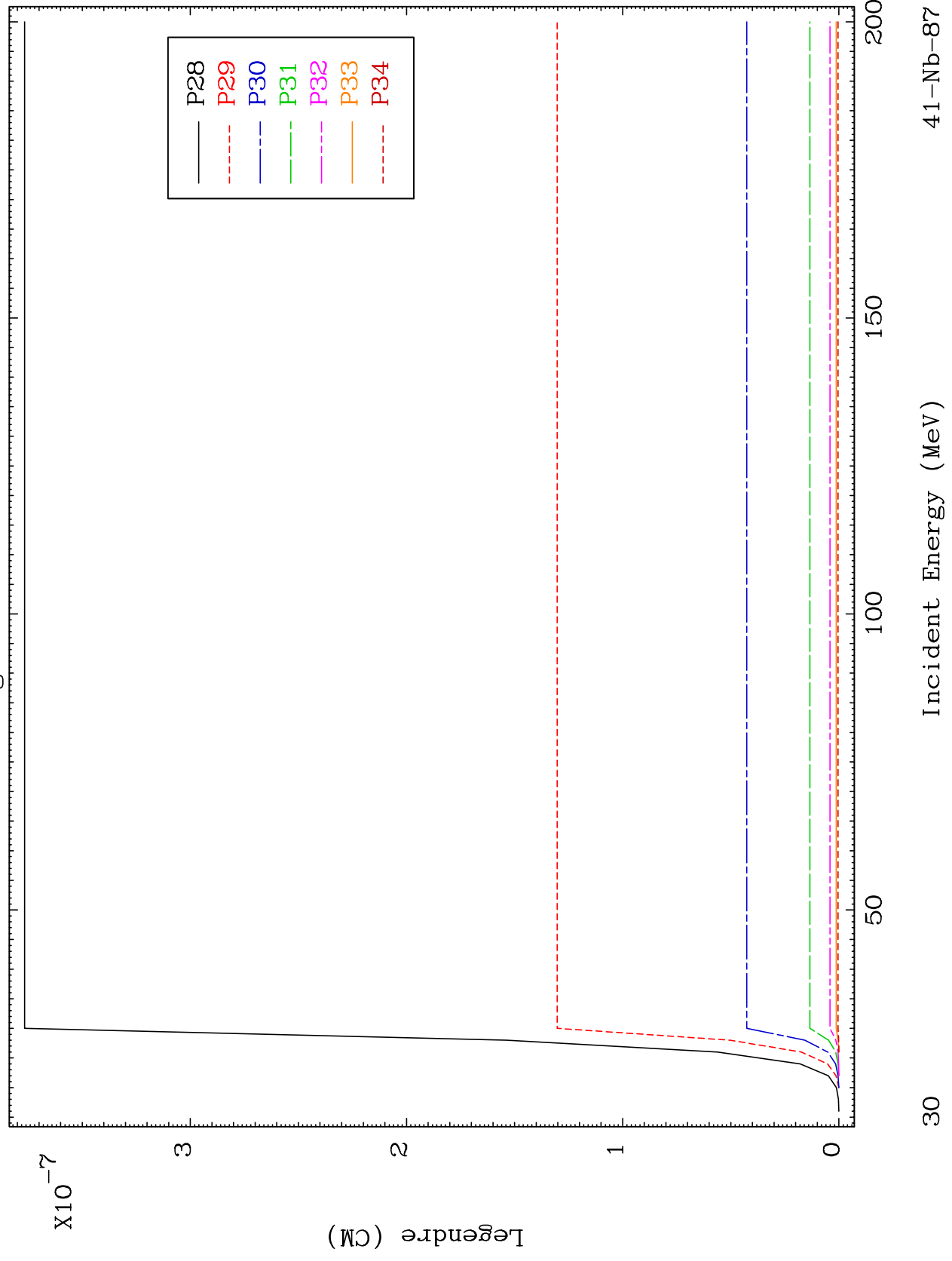


29

MAT 4107

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

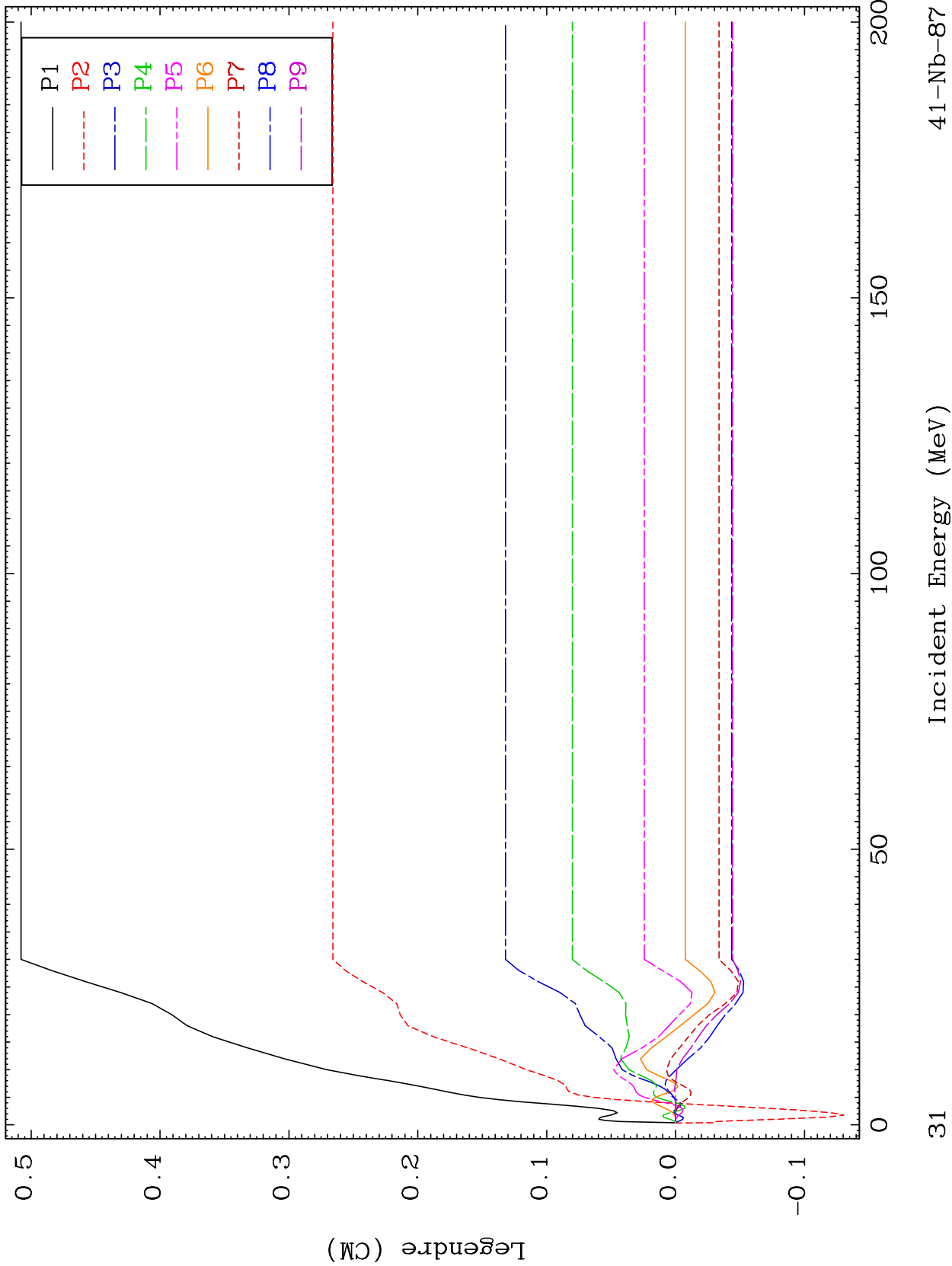
41-Nb-87



MAT 4107

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

41-Nb-87



31

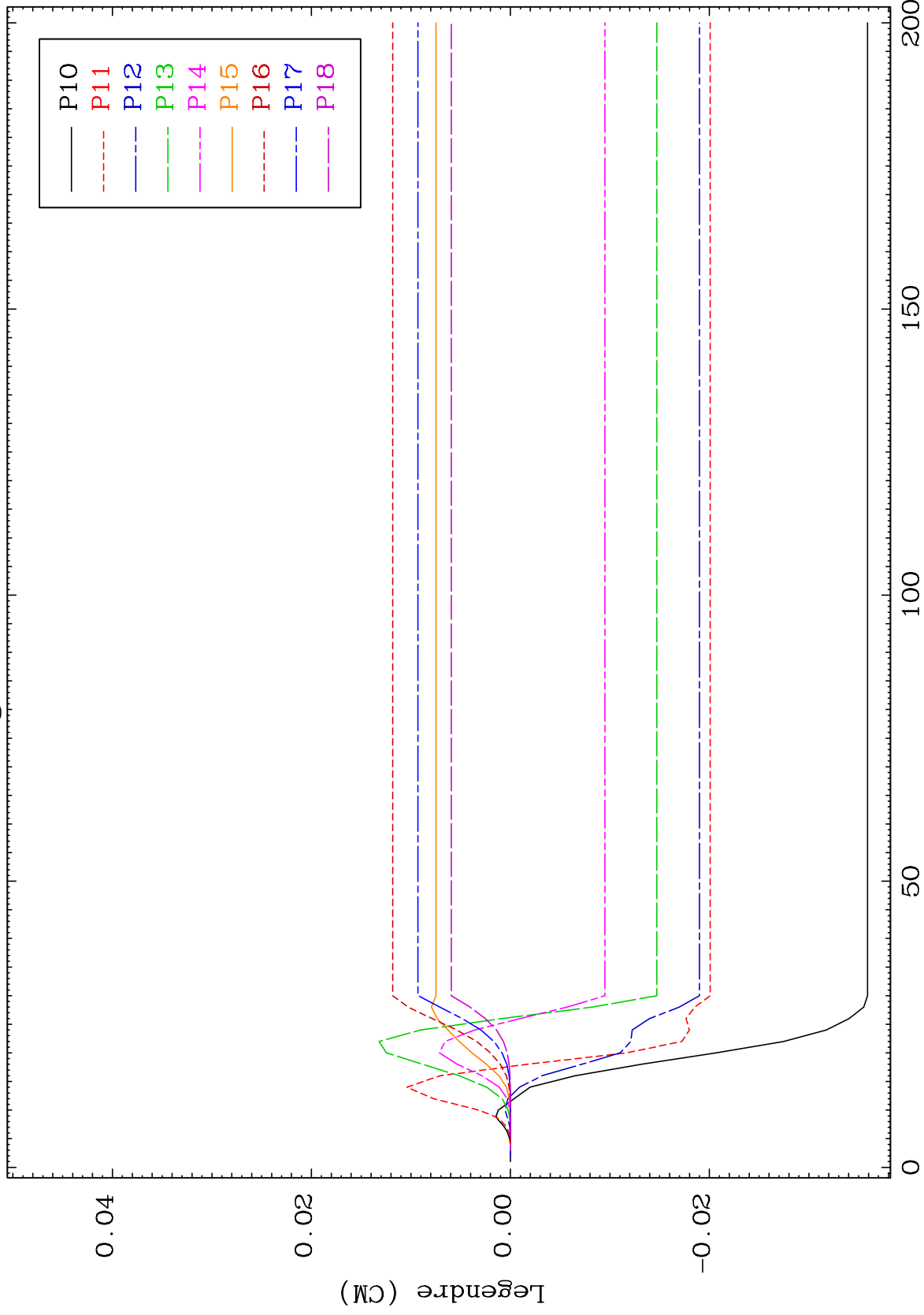
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

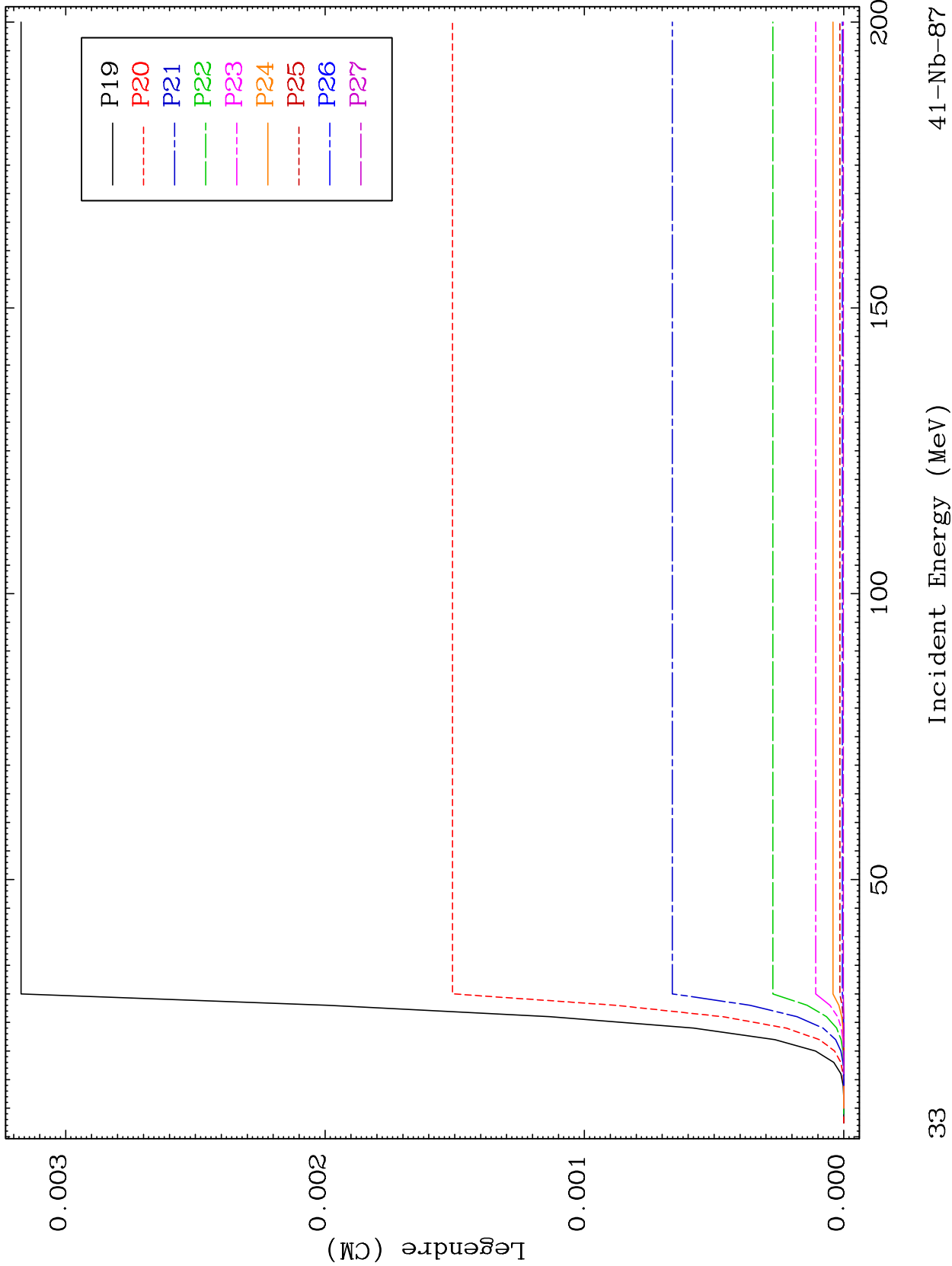
41-Nb-87



32

Incident Energy (MeV)

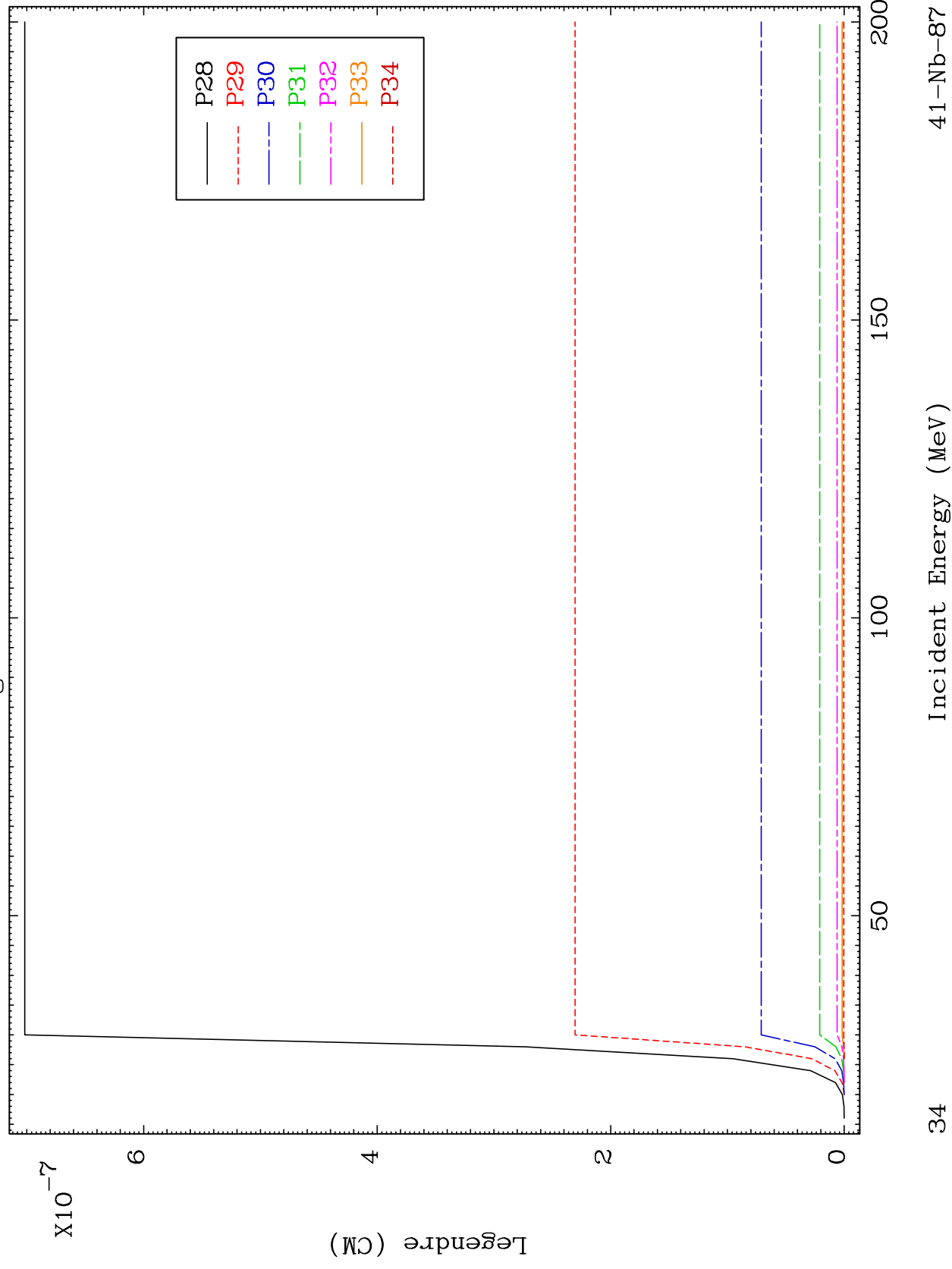
41-Nb-87



MAT 4107

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

41-Nb-87



34

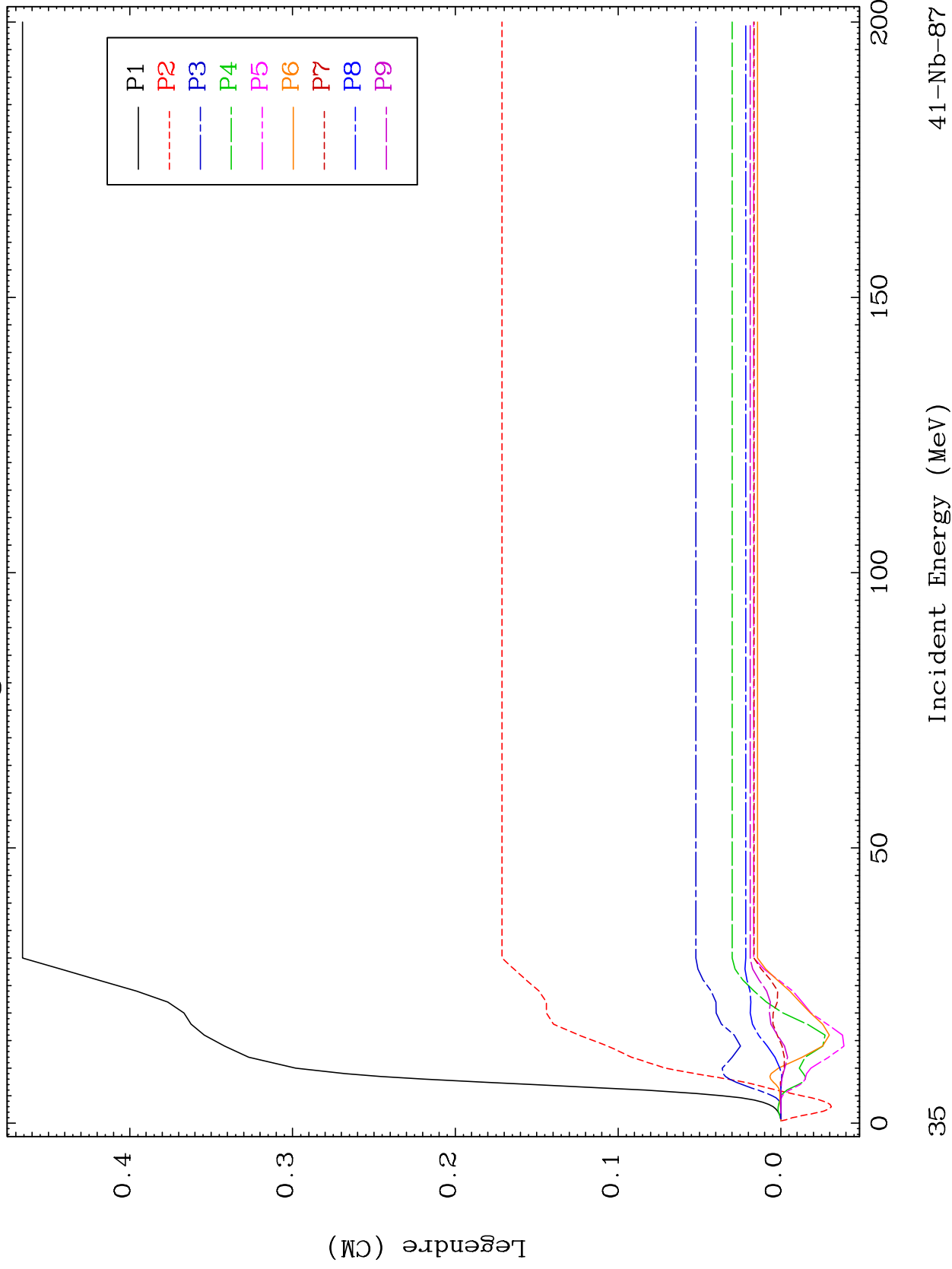
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



41-Nb-87

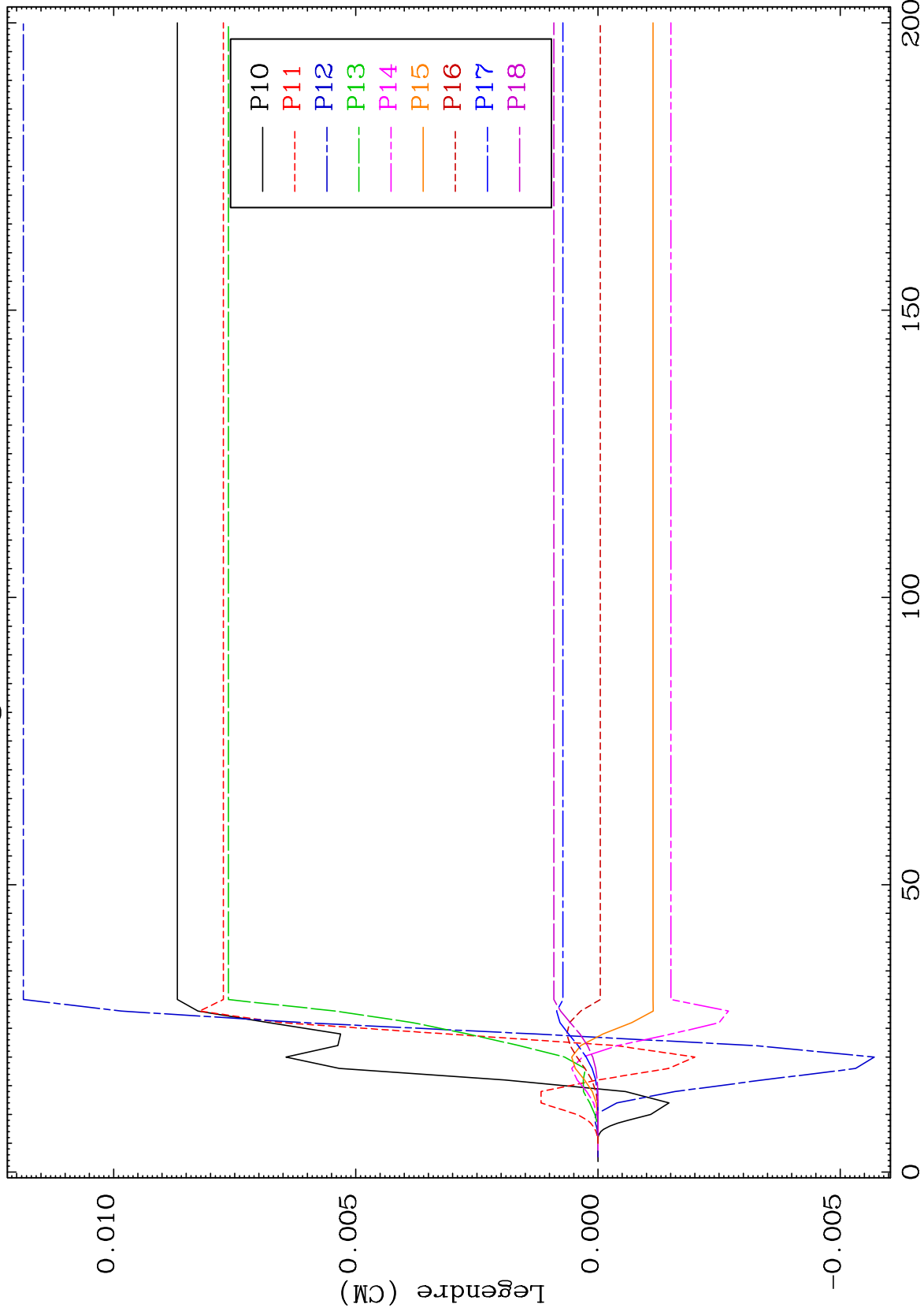
Incident Energy (MeV)

35

MAT 4107

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

41-Nb-87



36

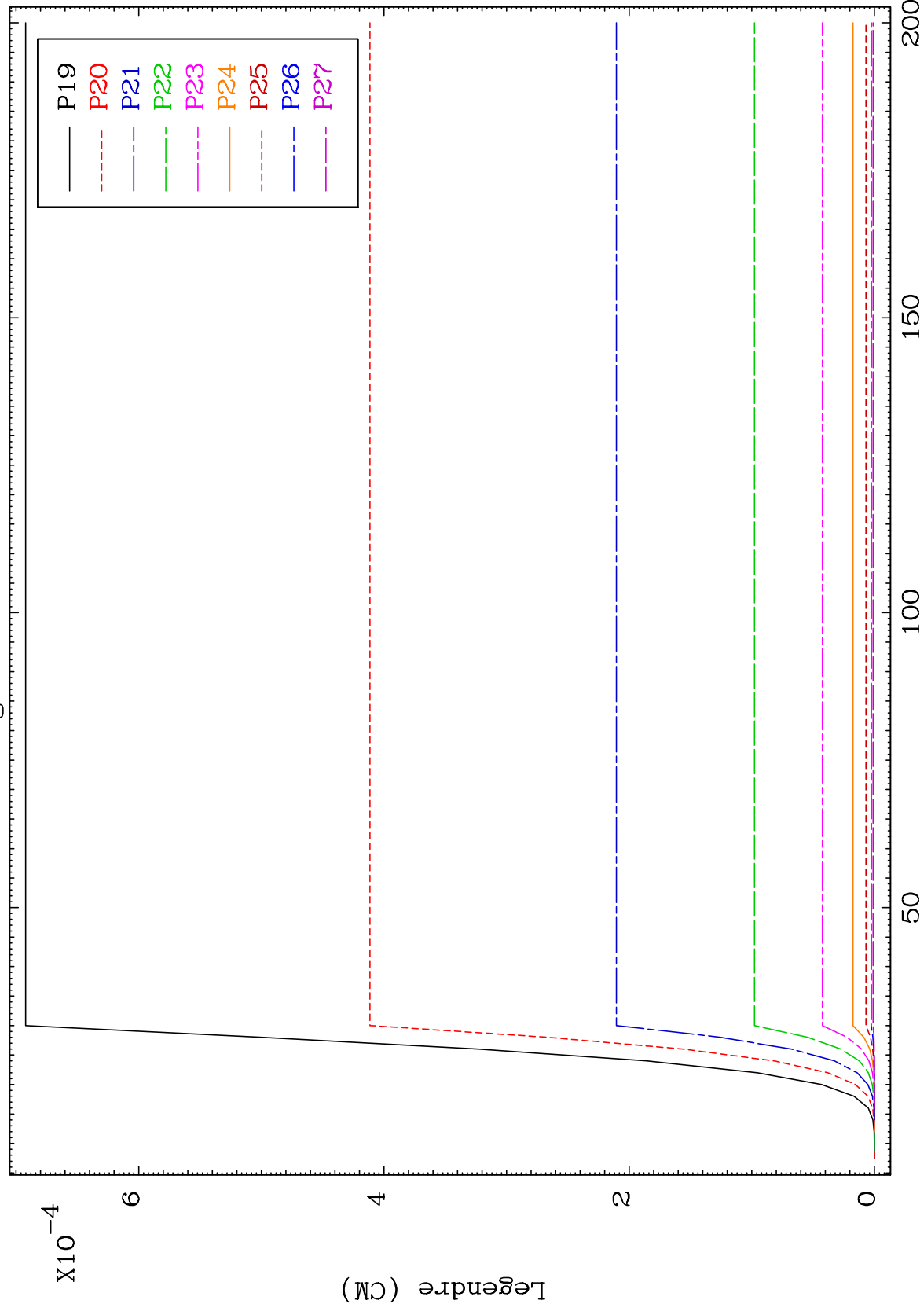
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



37

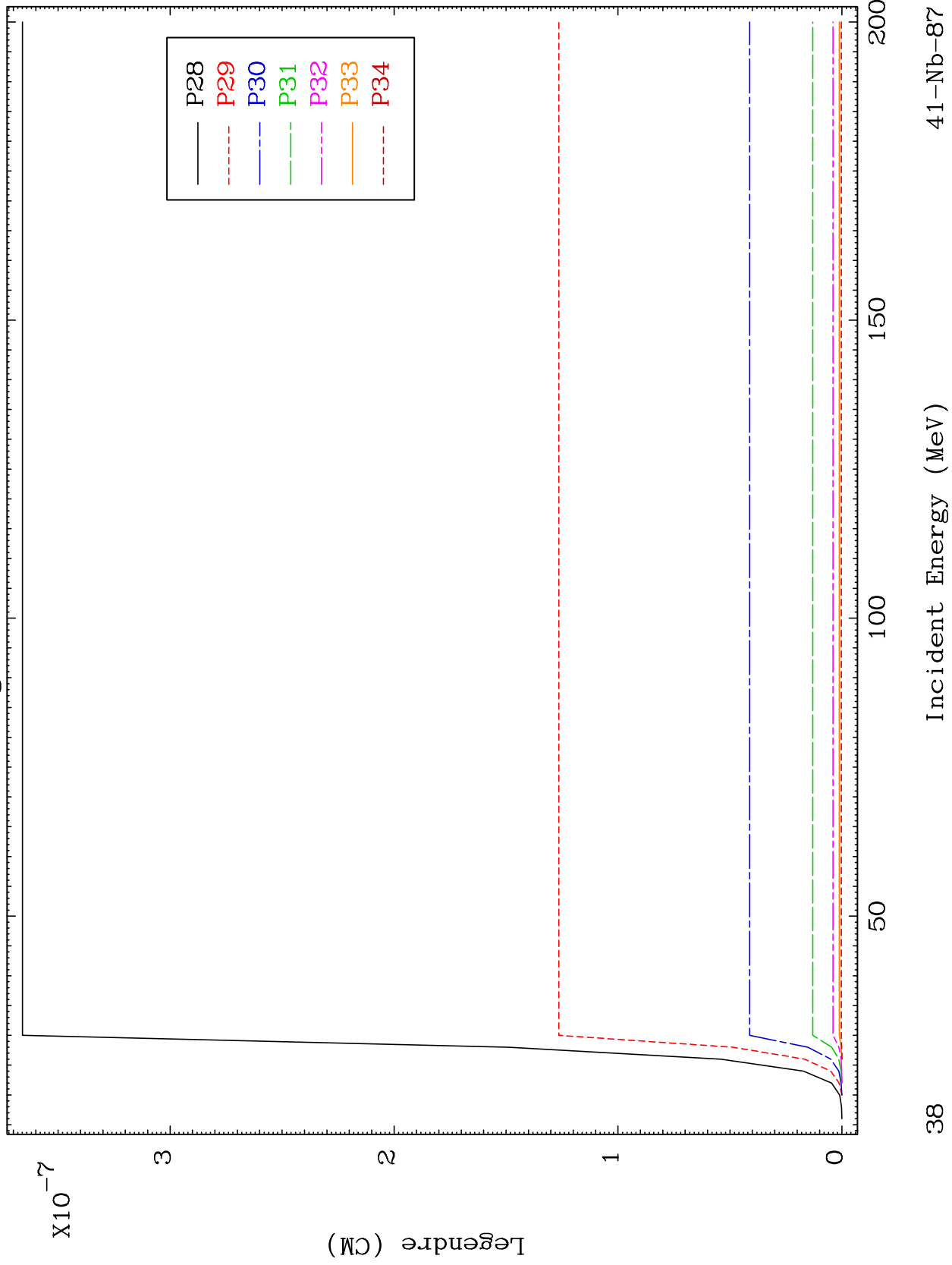
Incident Energy (MeV)

41-Nb-87

MAT 4107

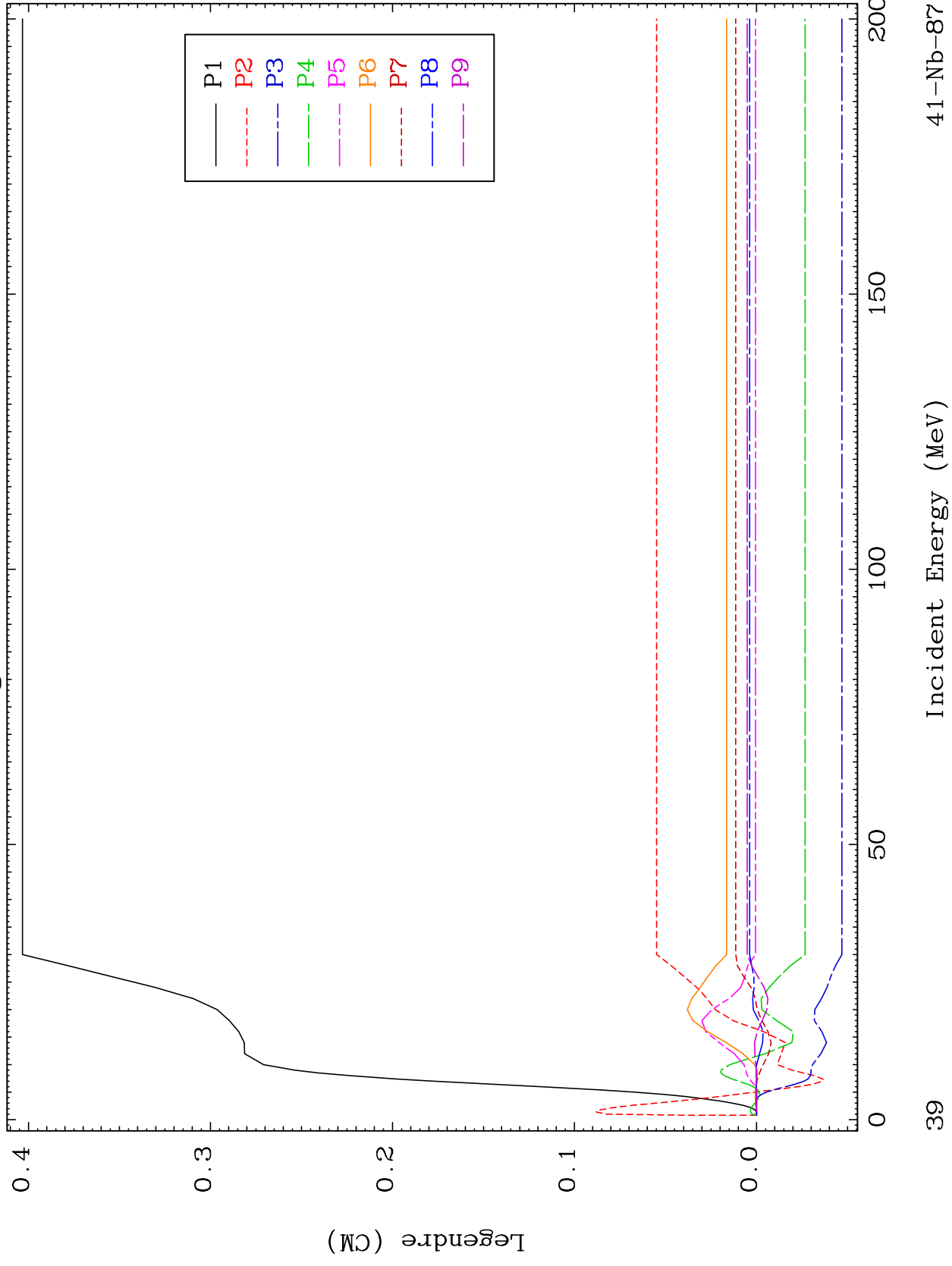
MT= 55 (n,n') Level
Legendre Coefficients

41-Nb-87



38

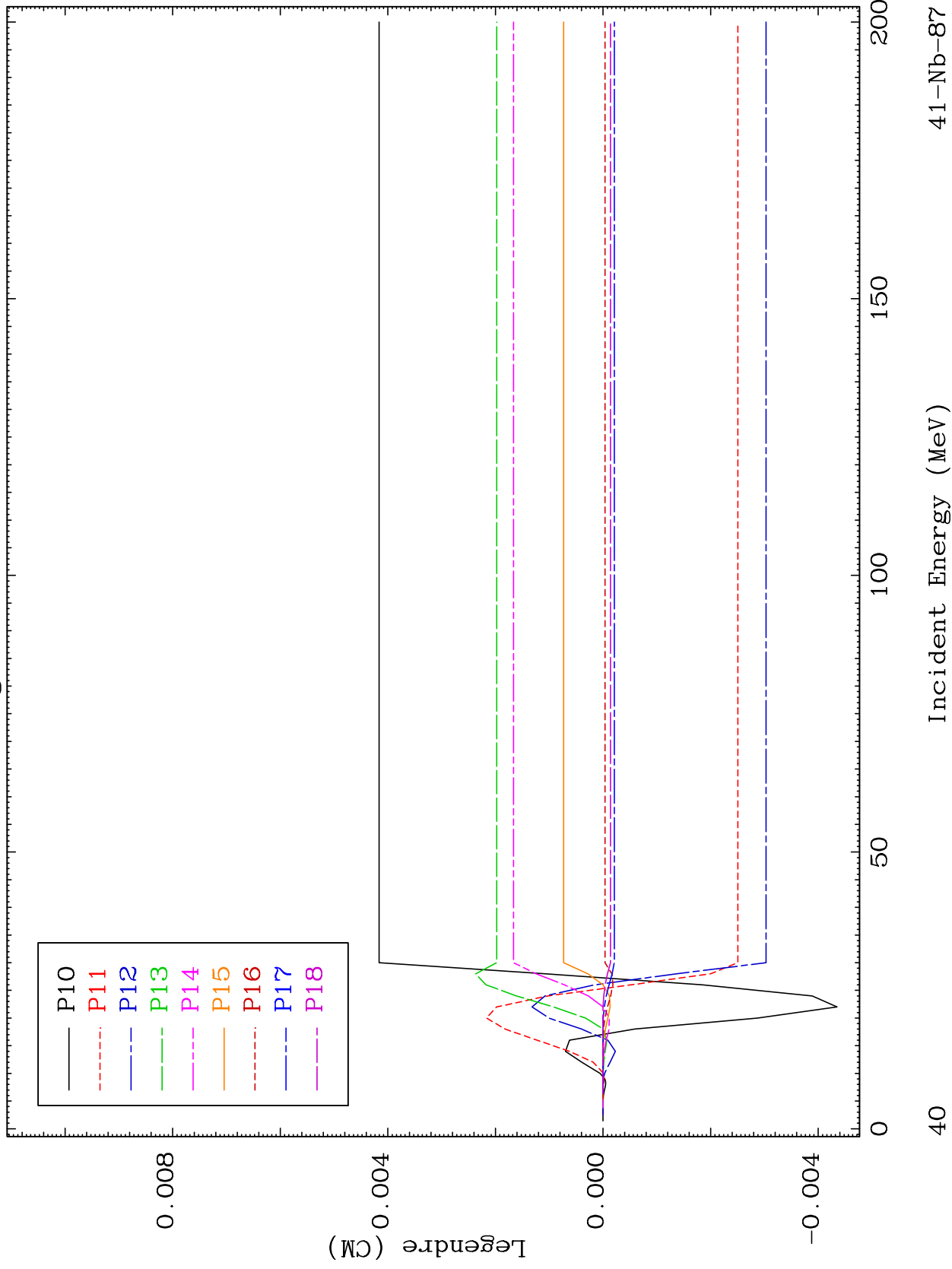
41-Nb-87



MAT 4107

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

41-Nb-87



41-Nb-87

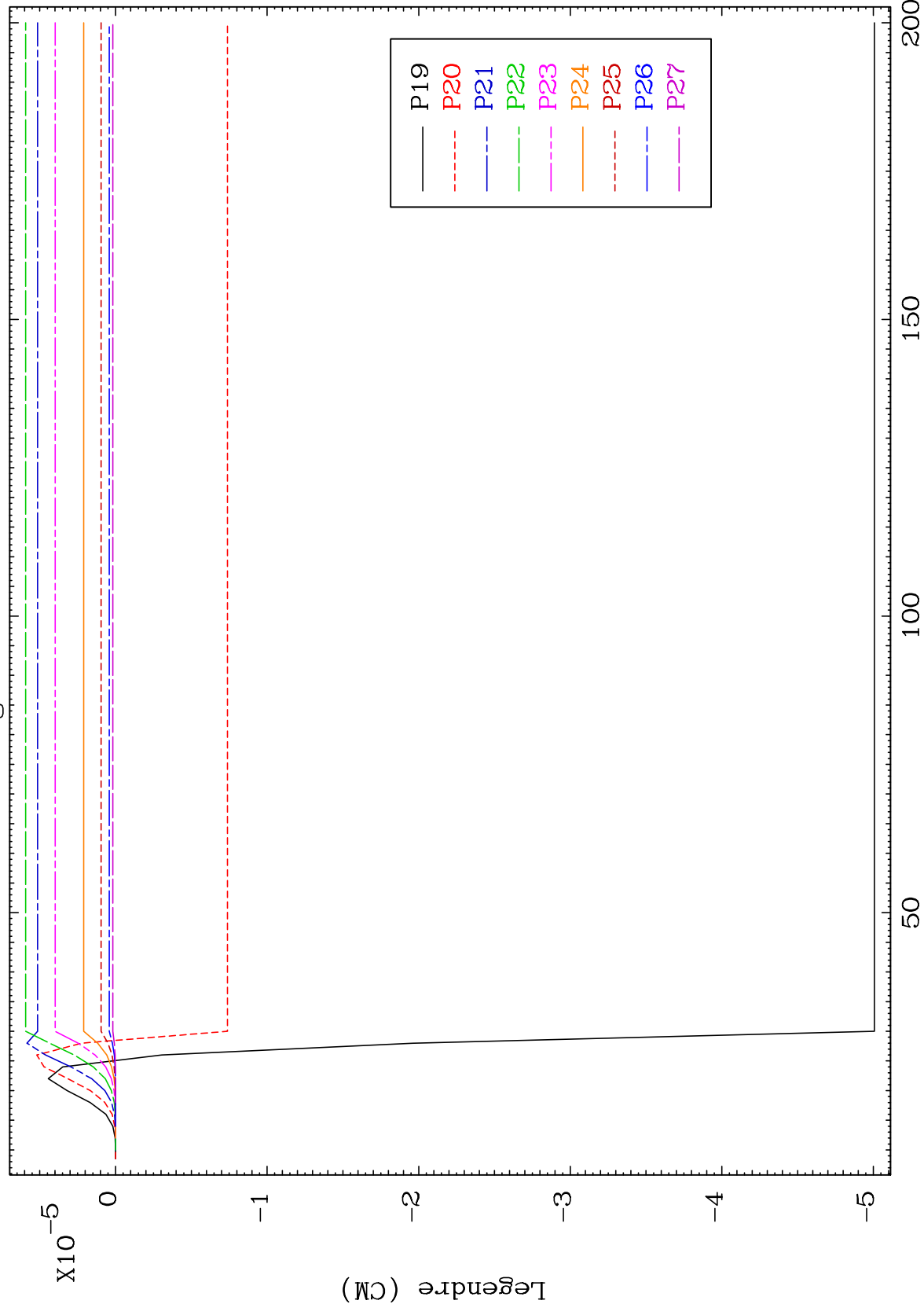
Incident Energy (MeV)

40

MAT 4107

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

41-Nb-87



41

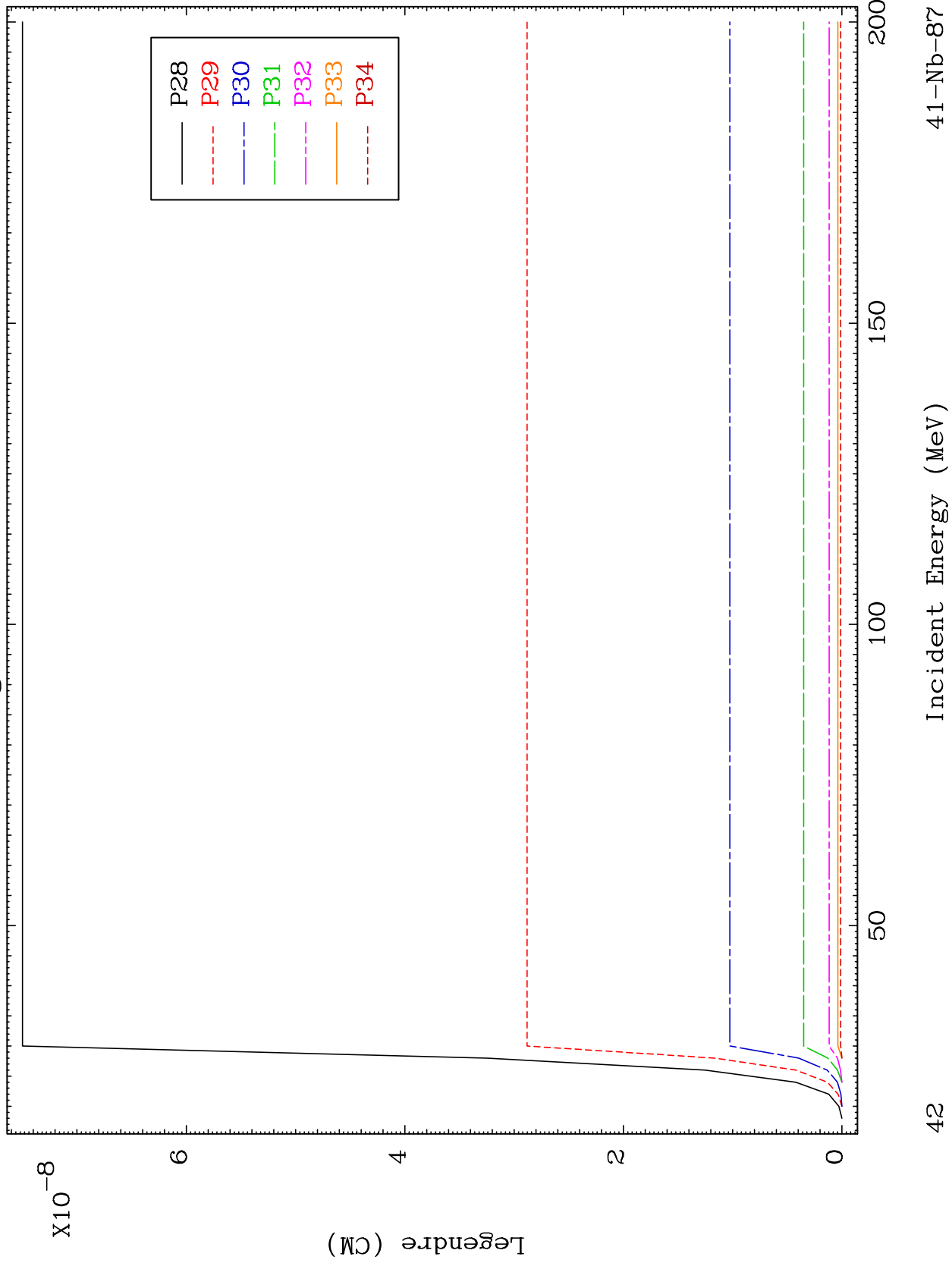
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

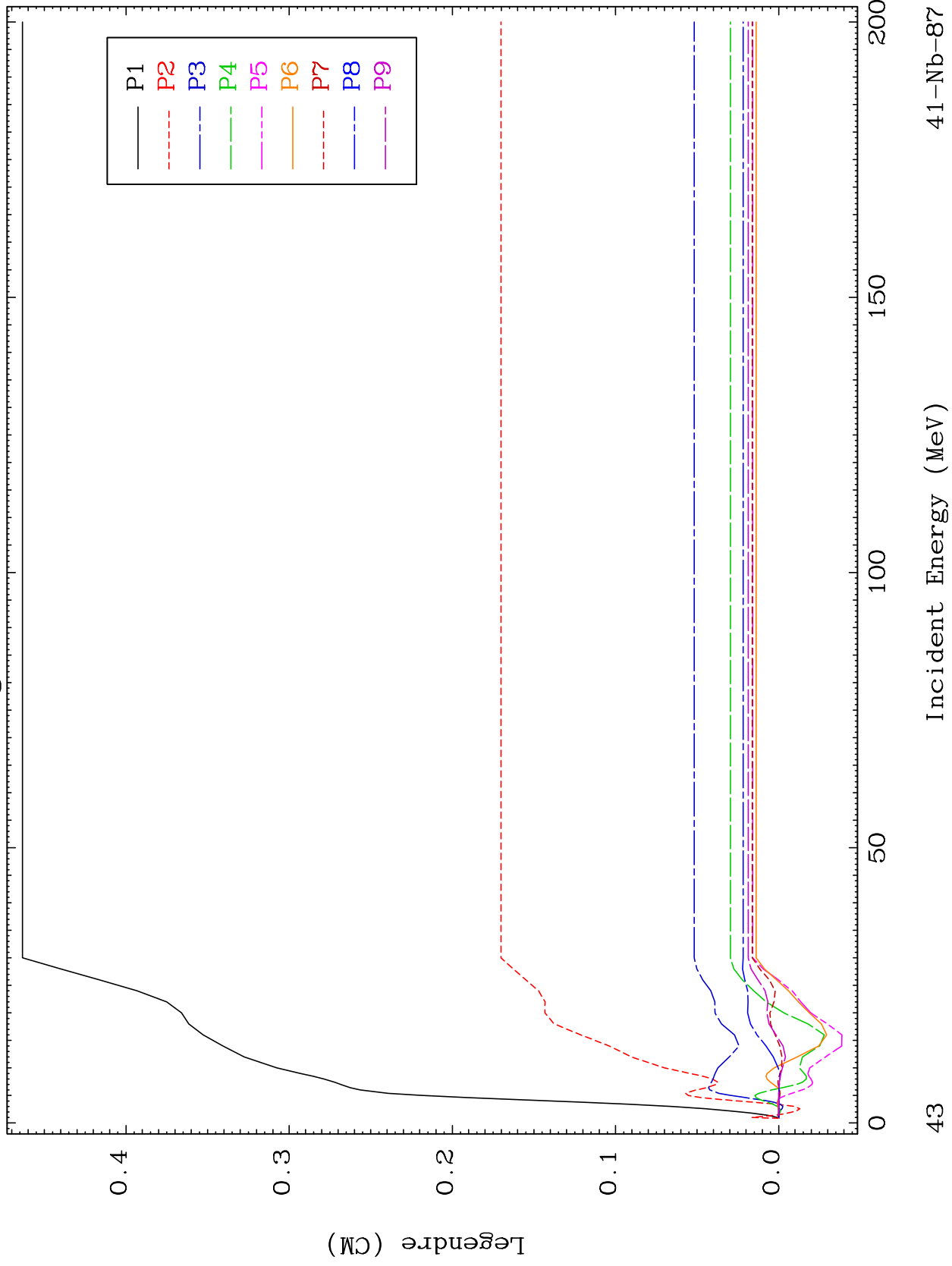
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MAT 4107

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

41-Nb-87



41-Nb-87

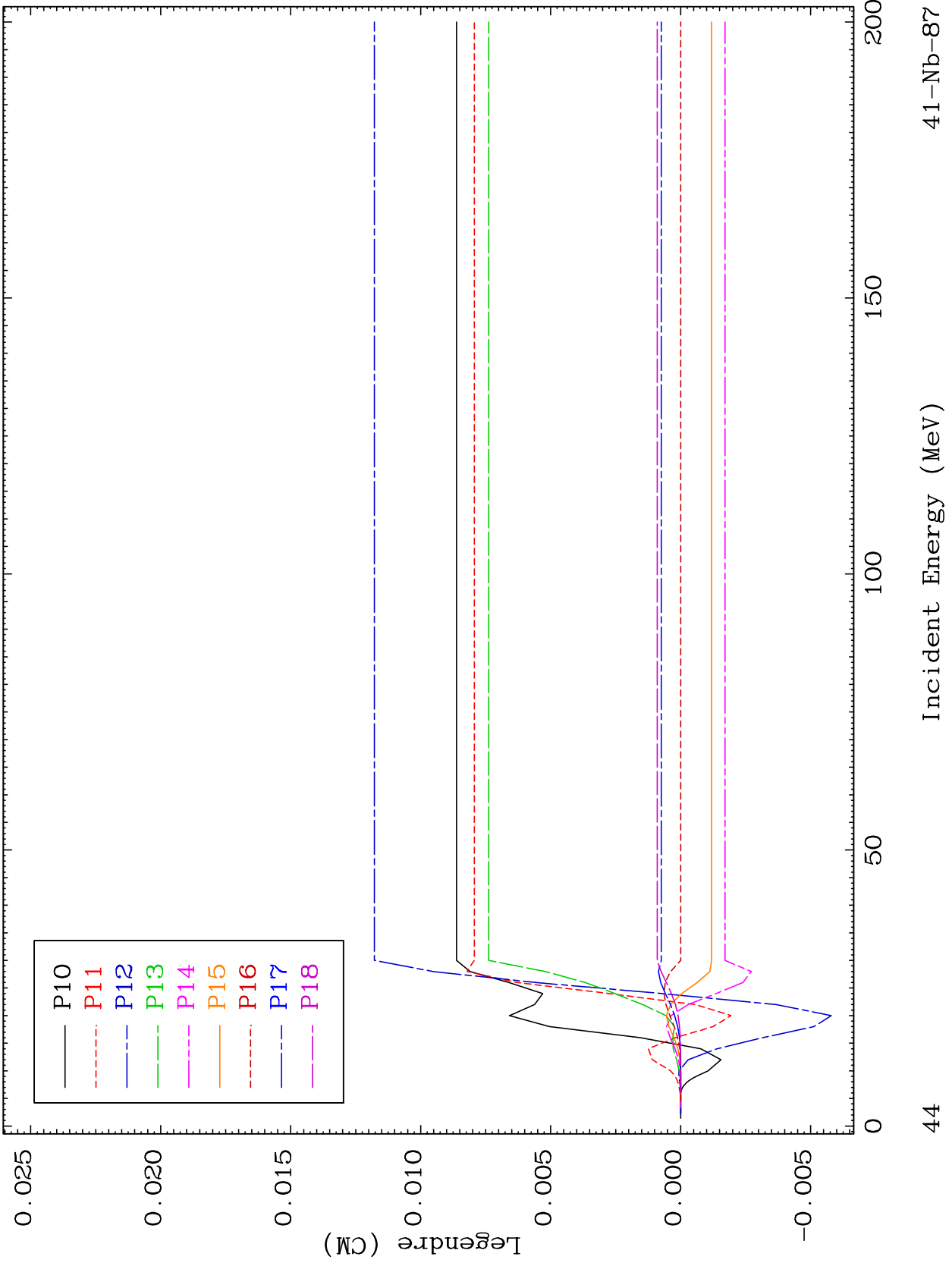
Incident Energy (MeV)

43

MAT 4107

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

41-Nb-87



44

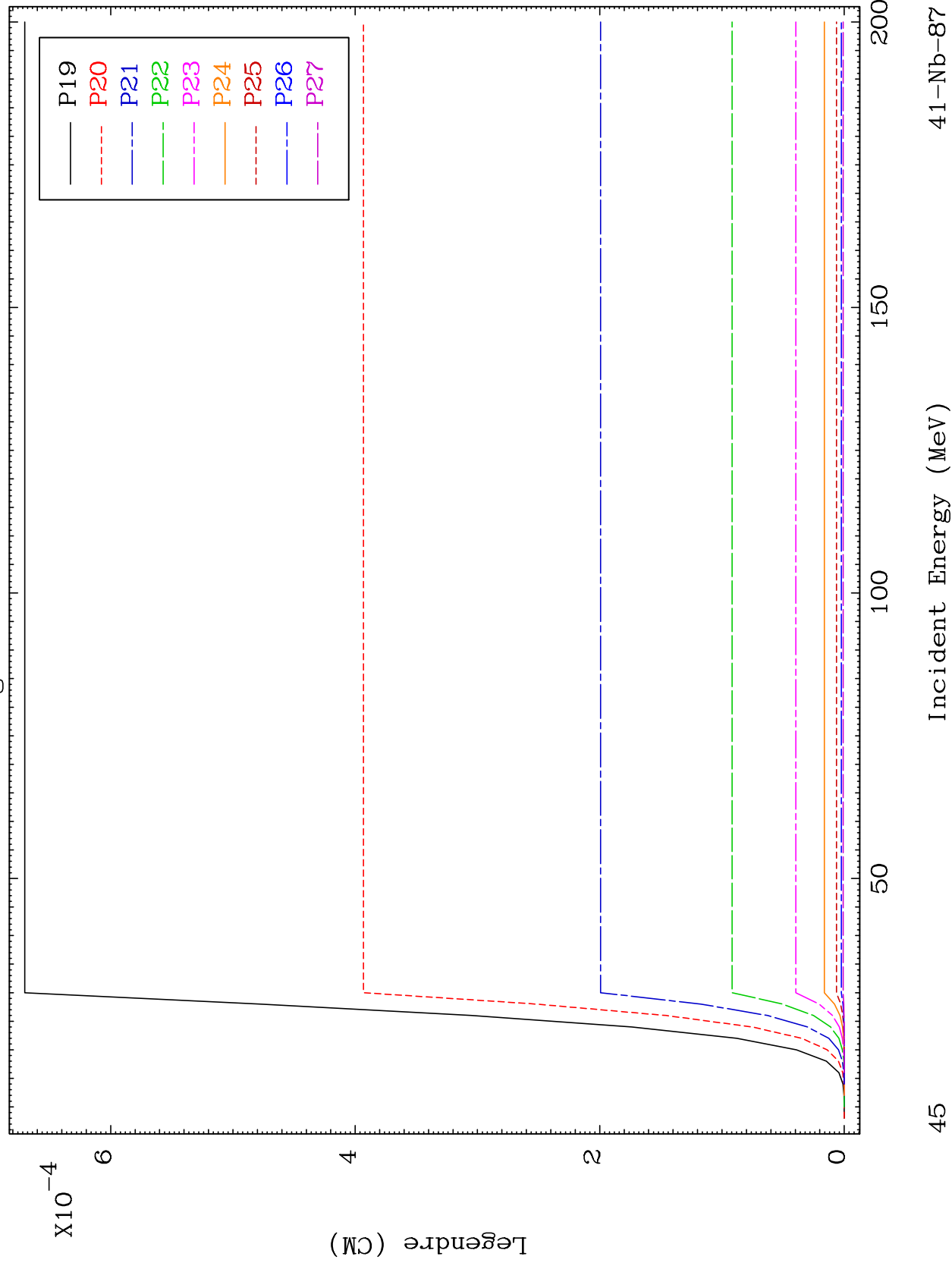
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

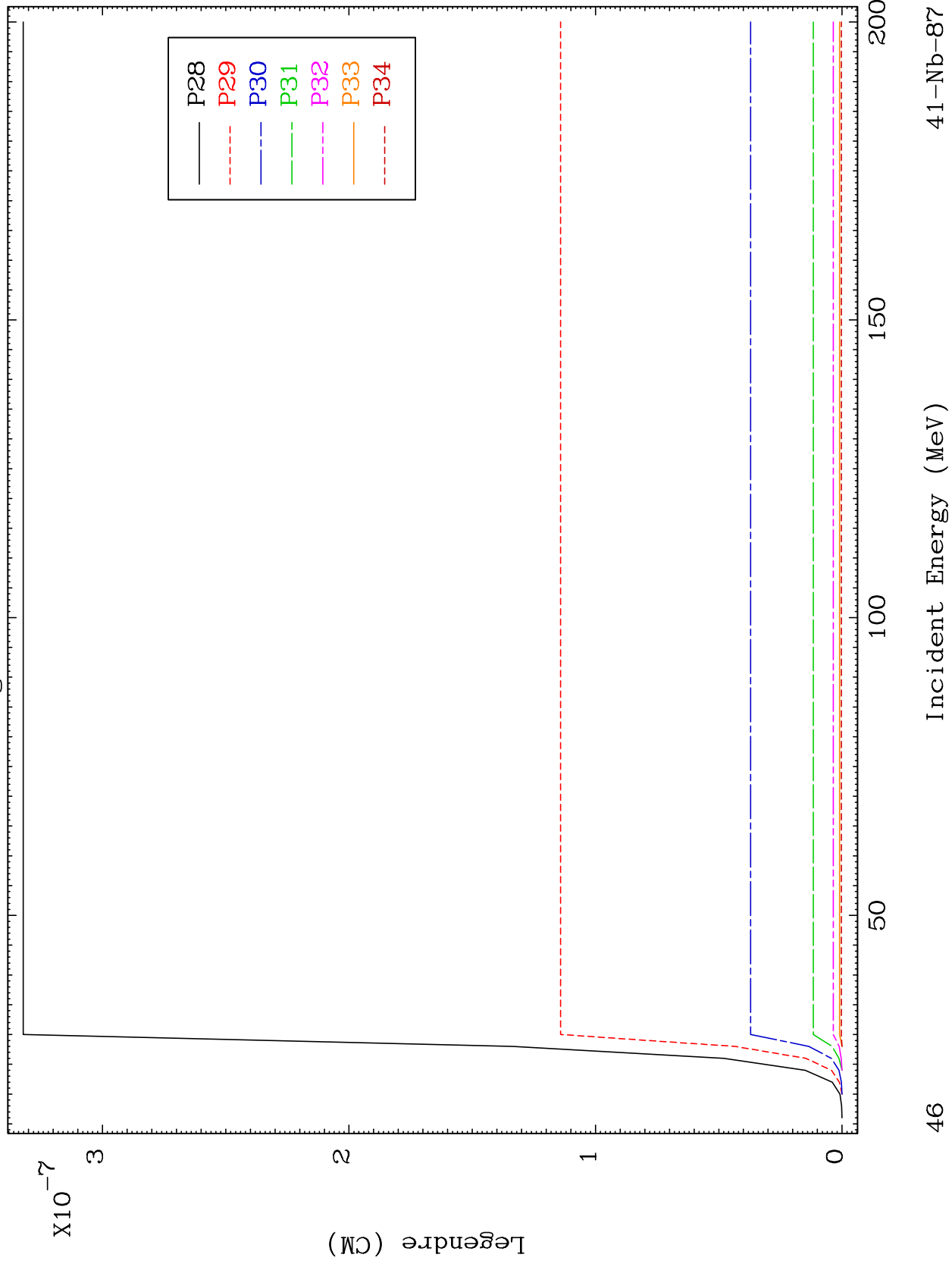
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MAT 4107

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

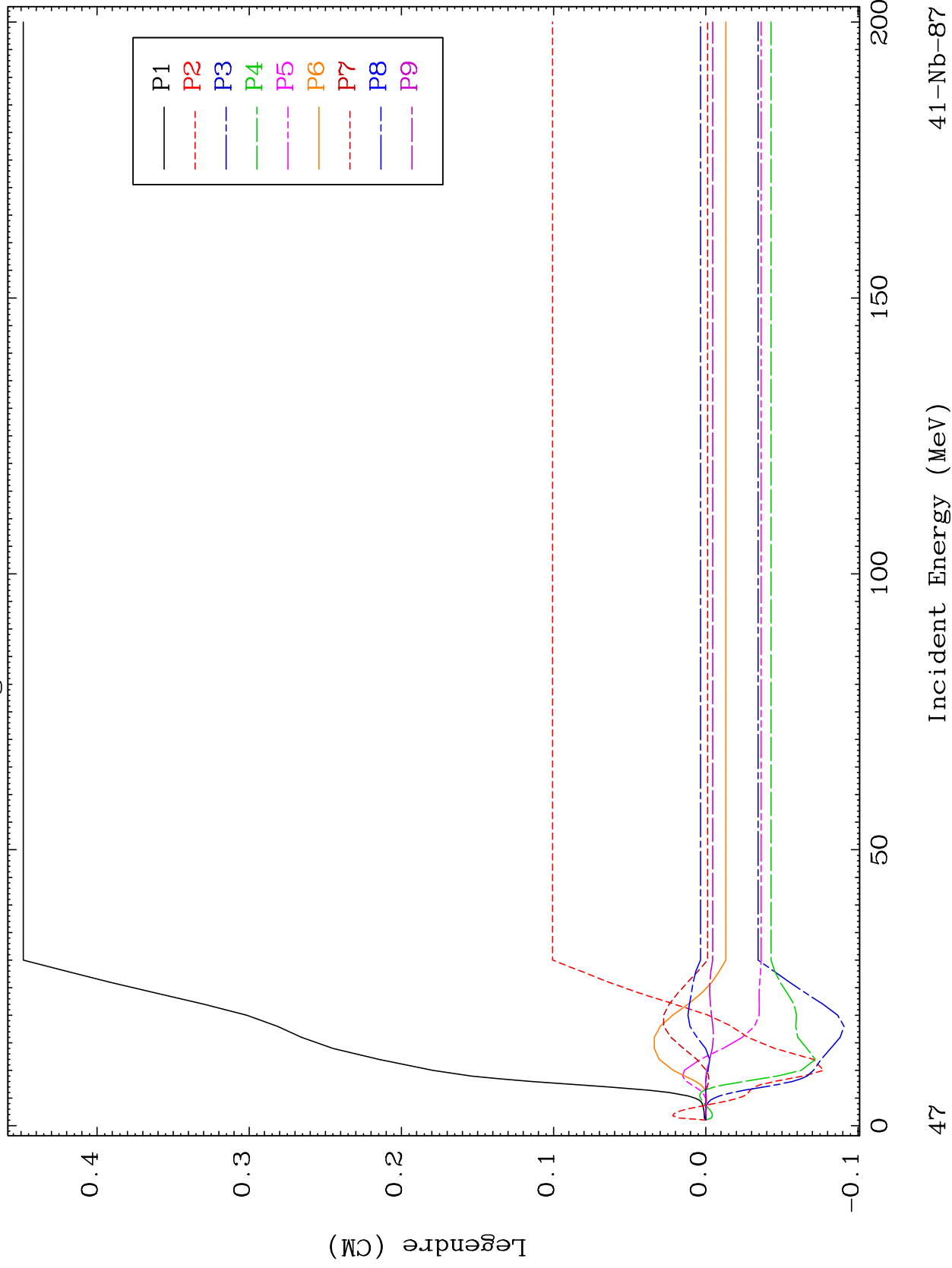
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MAT 4107

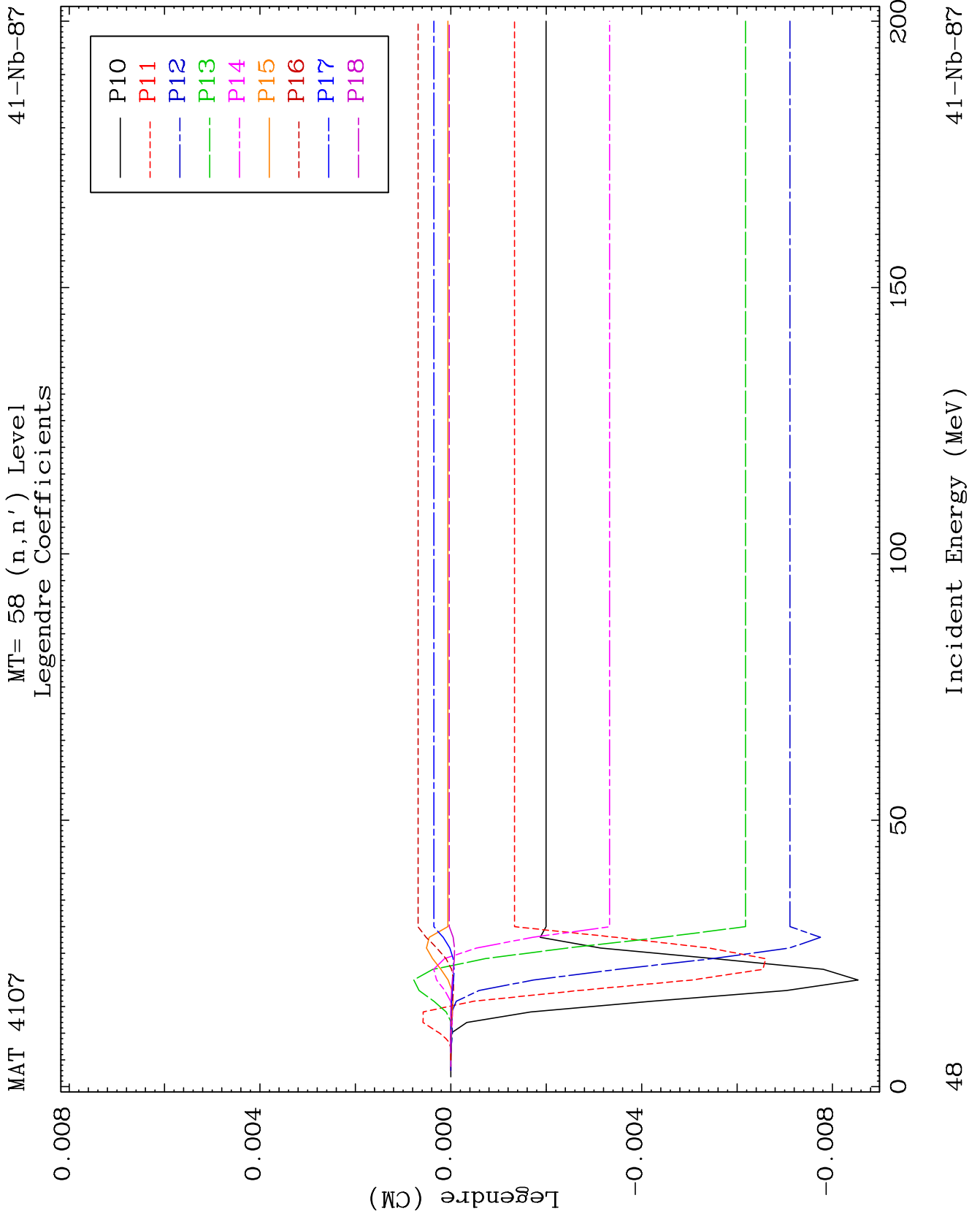
MT= 58 (n,n') Level
Legendre Coefficients

41-Nb-87



47

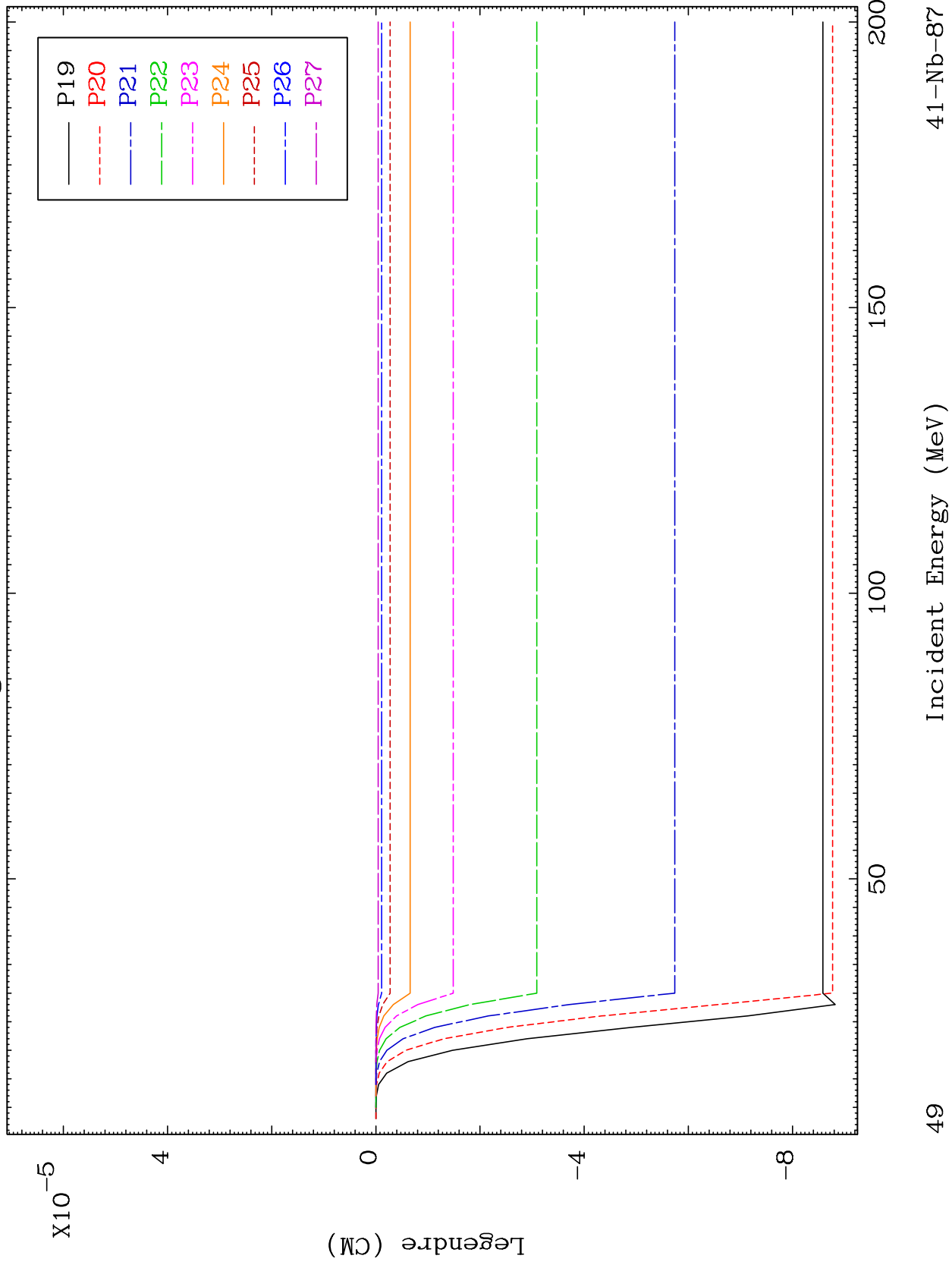
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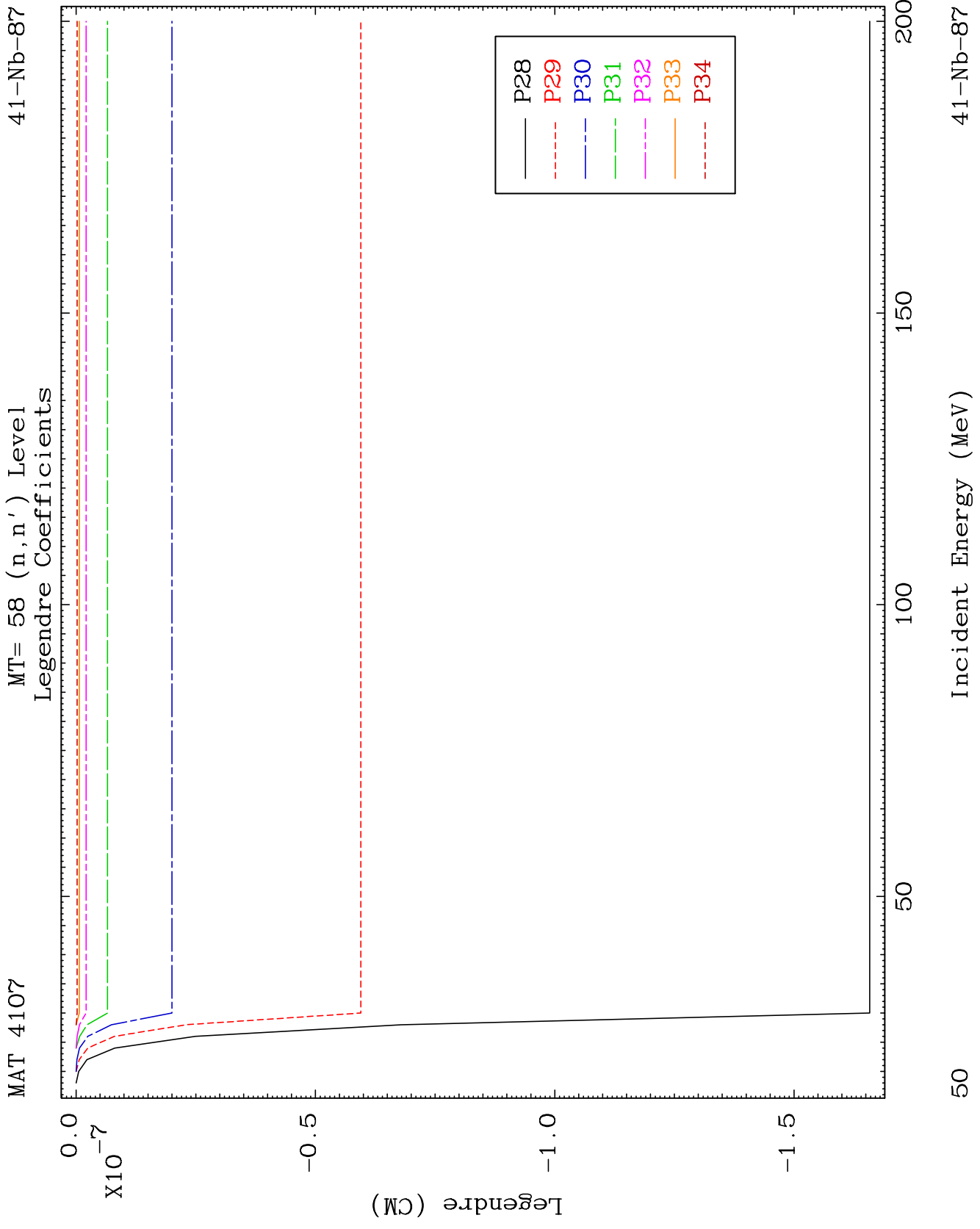


MAT 4107

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

41-Nb-87

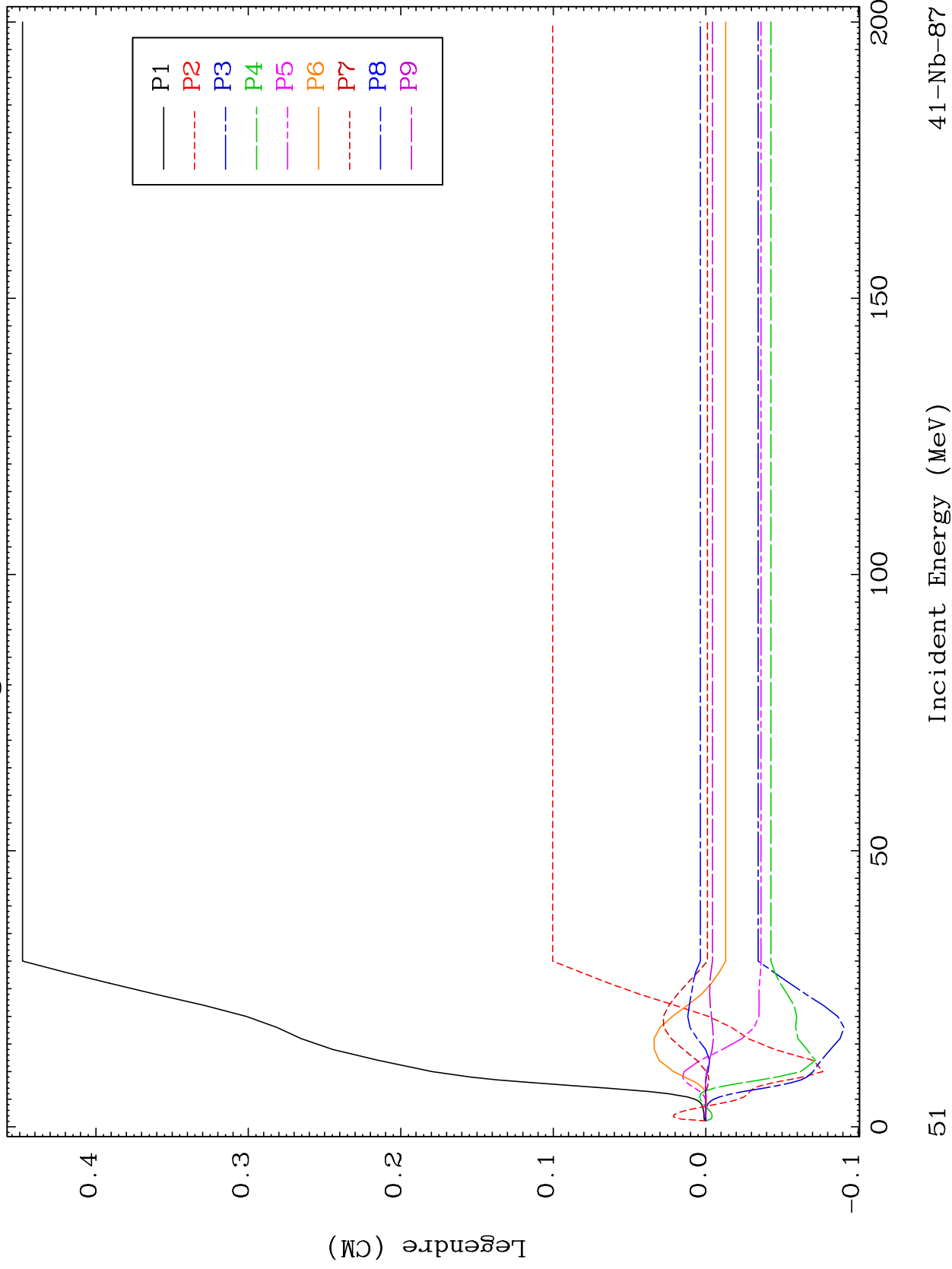




MAT 4107

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

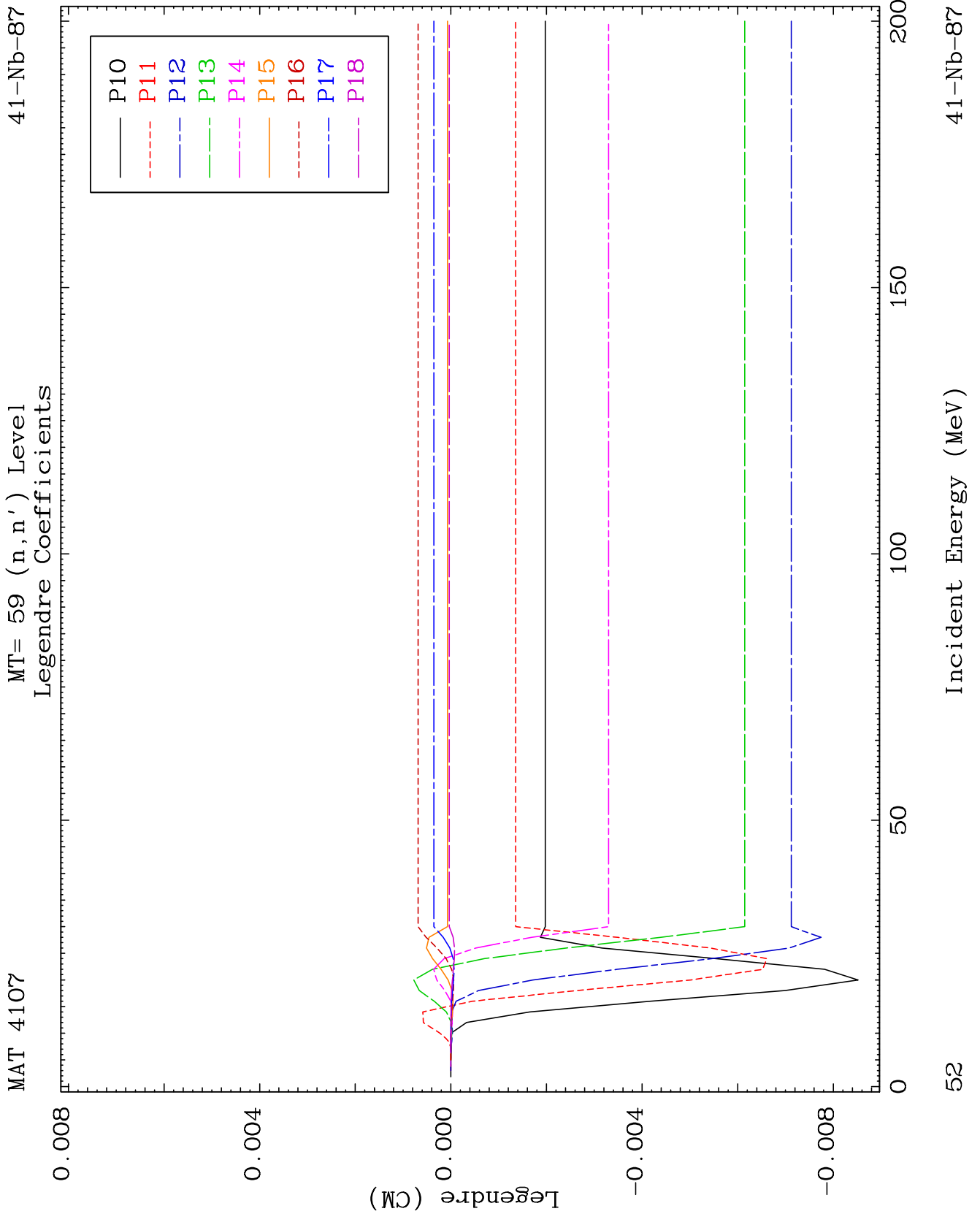
41-Nb-87



41-Nb-87

Incident Energy (MeV)

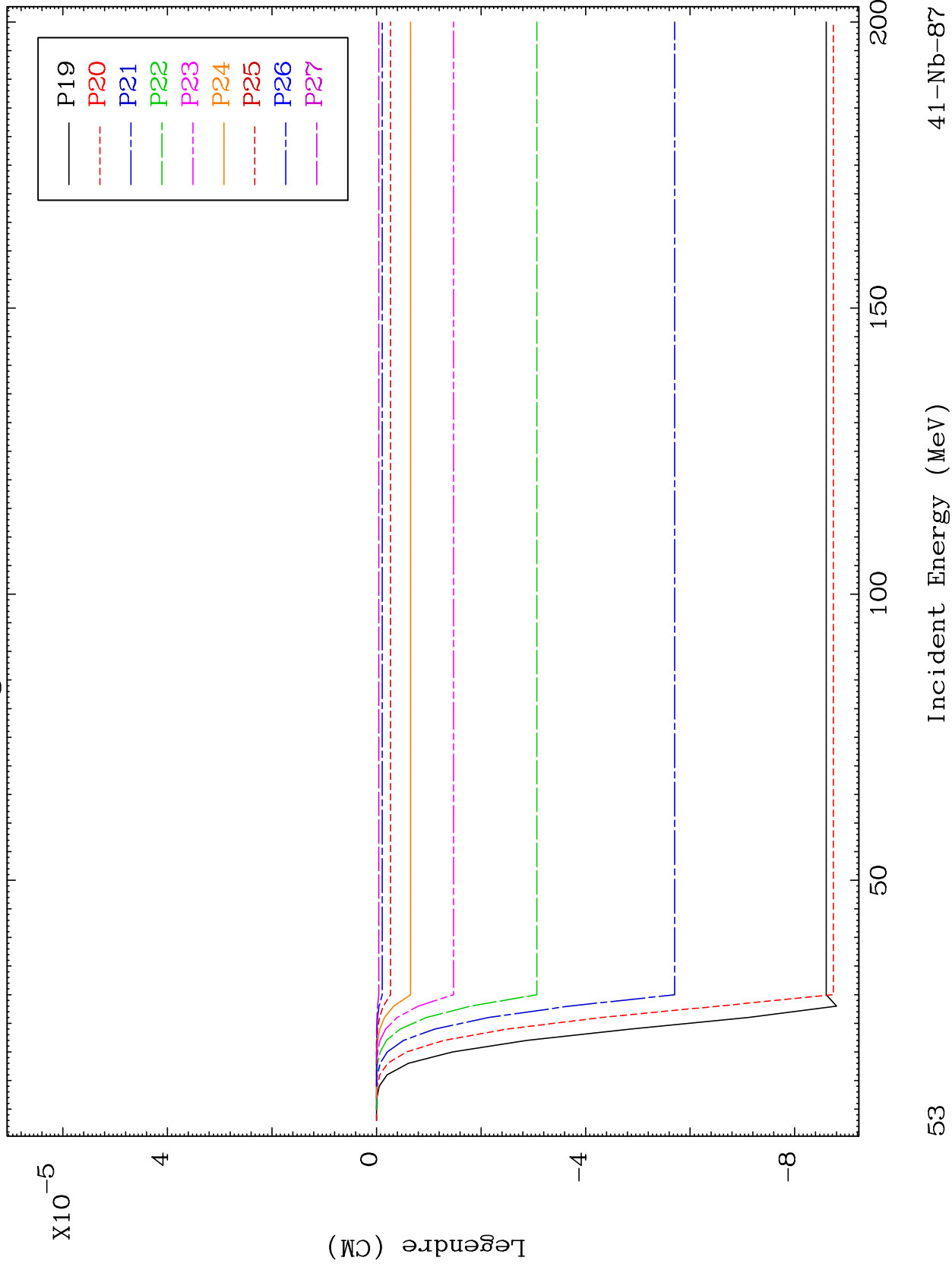
51



MAT 4107

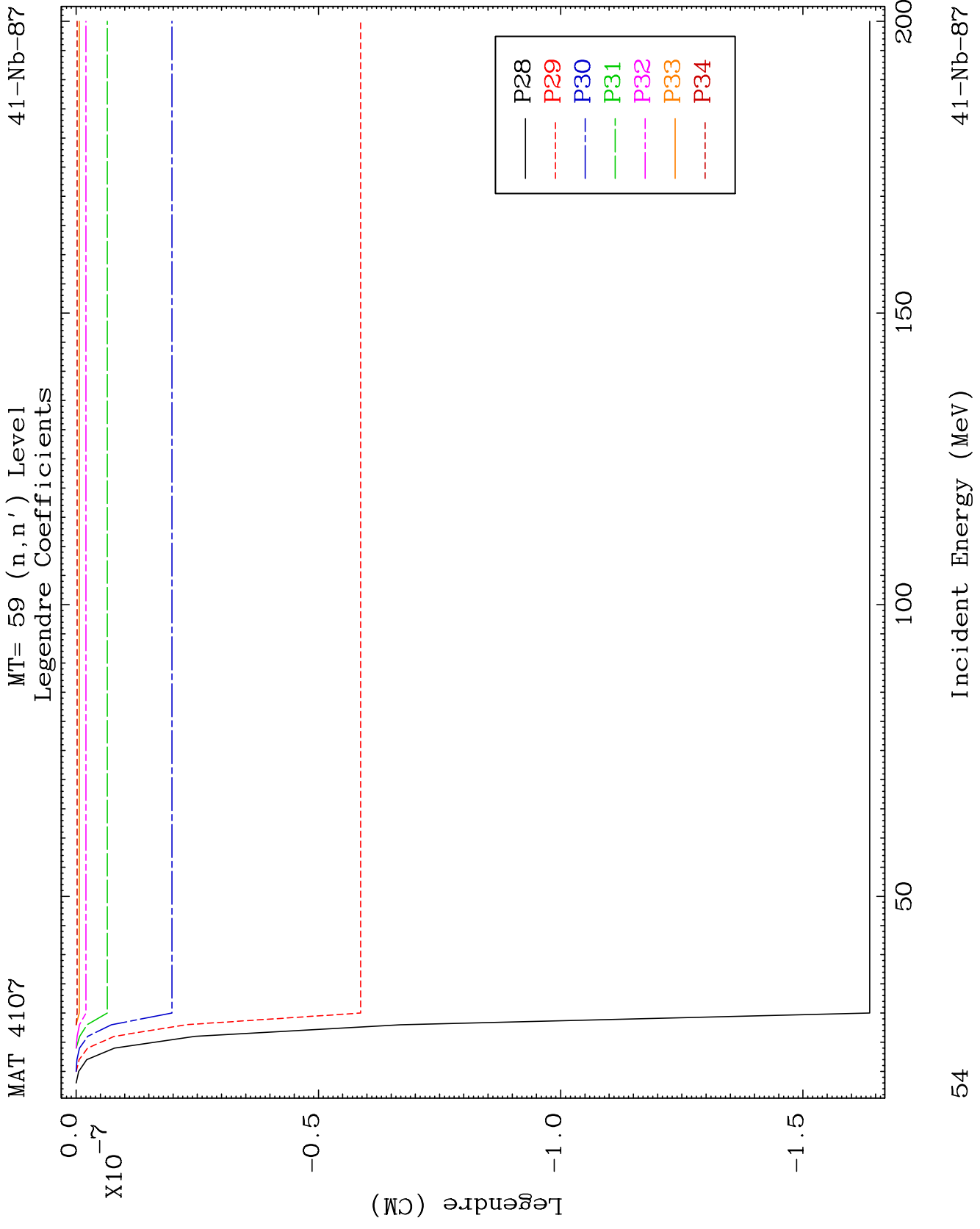
MT= 59 (n,n') Level
Legendre Coefficients

41-Nb-87



53

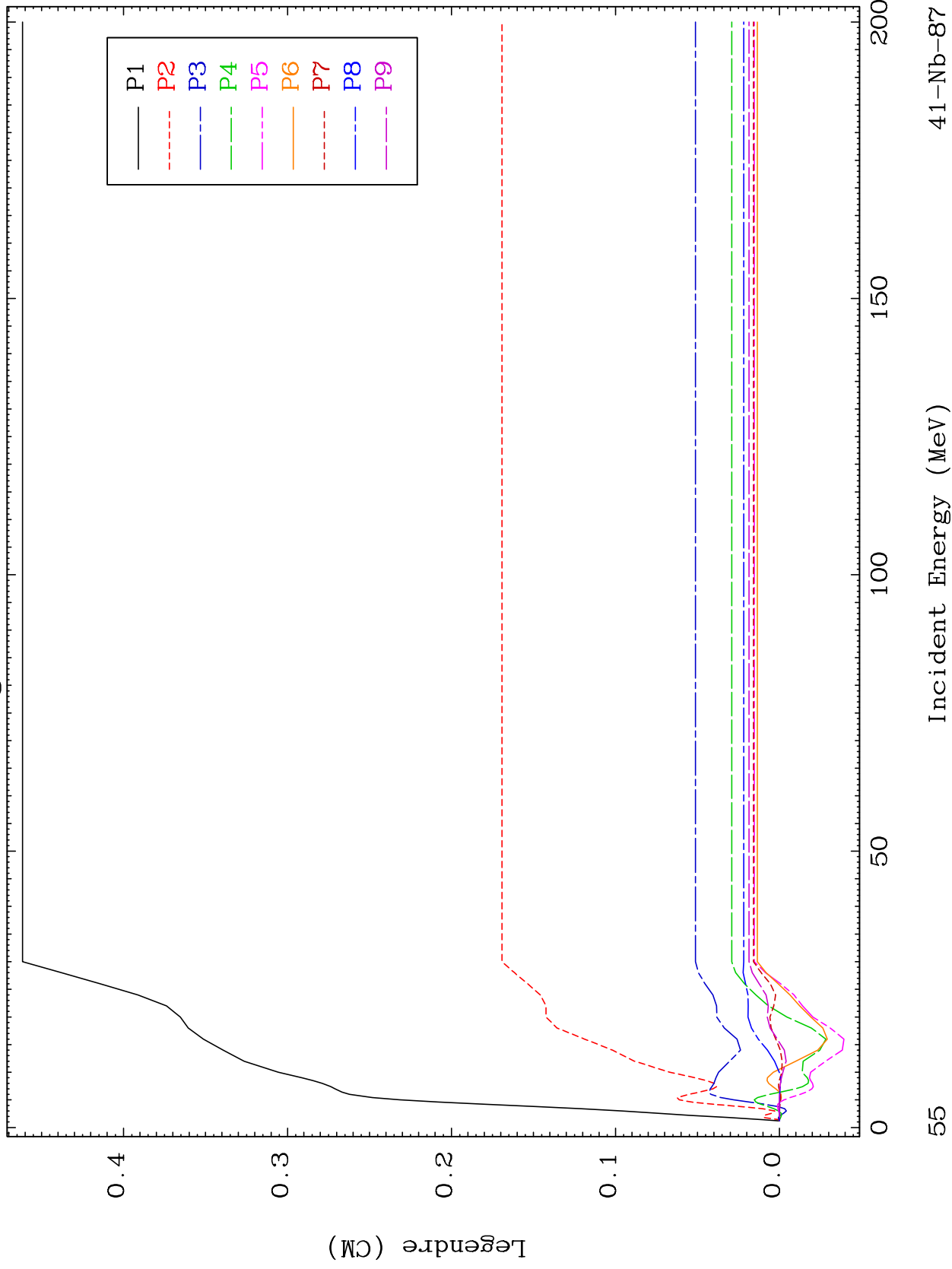
41-Nb-87



MAT 4107

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

41-Nb-87



41-Nb-87

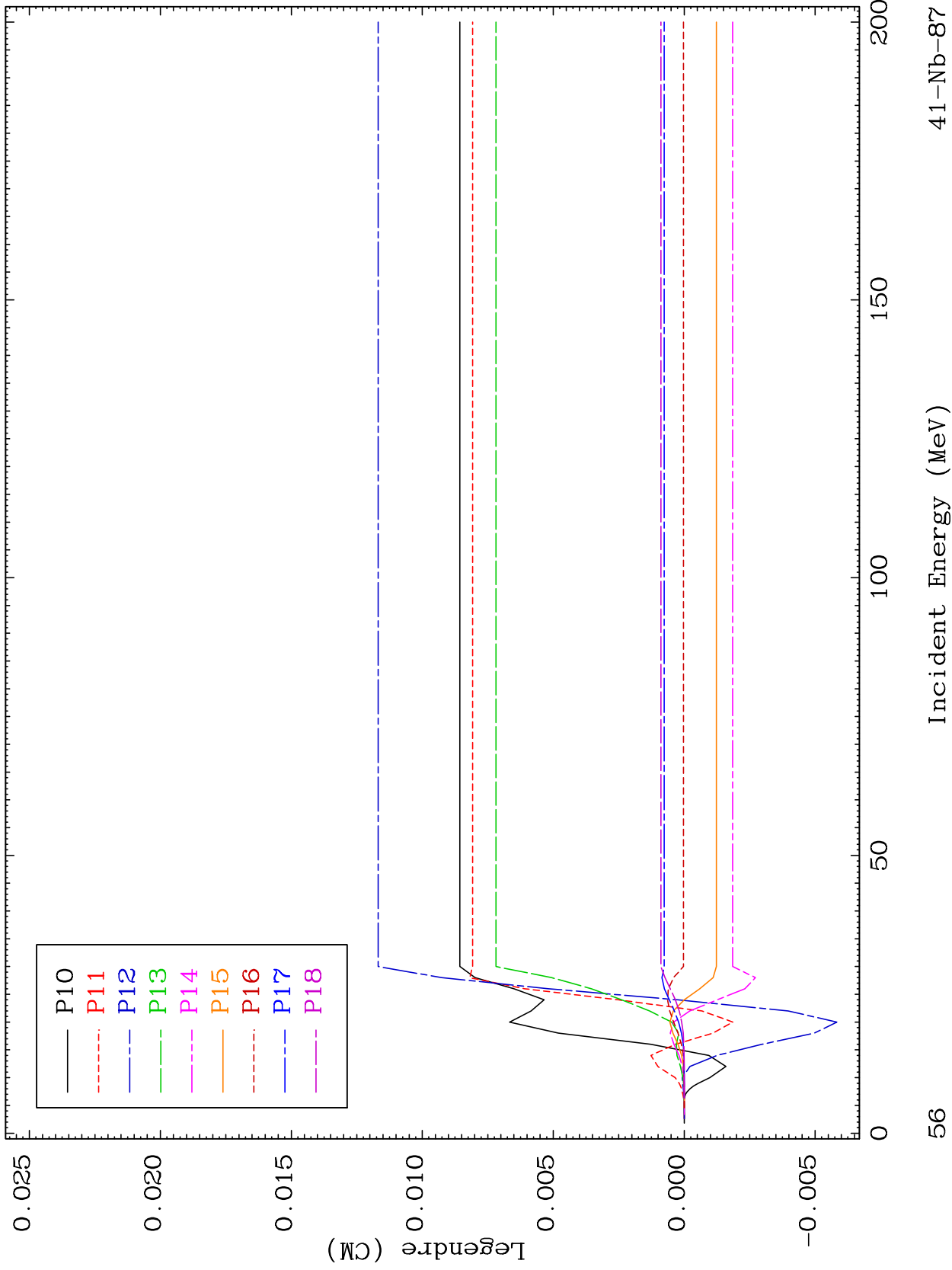
Incident Energy (MeV)

55

MAT 4107

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

41-Nb-87



56

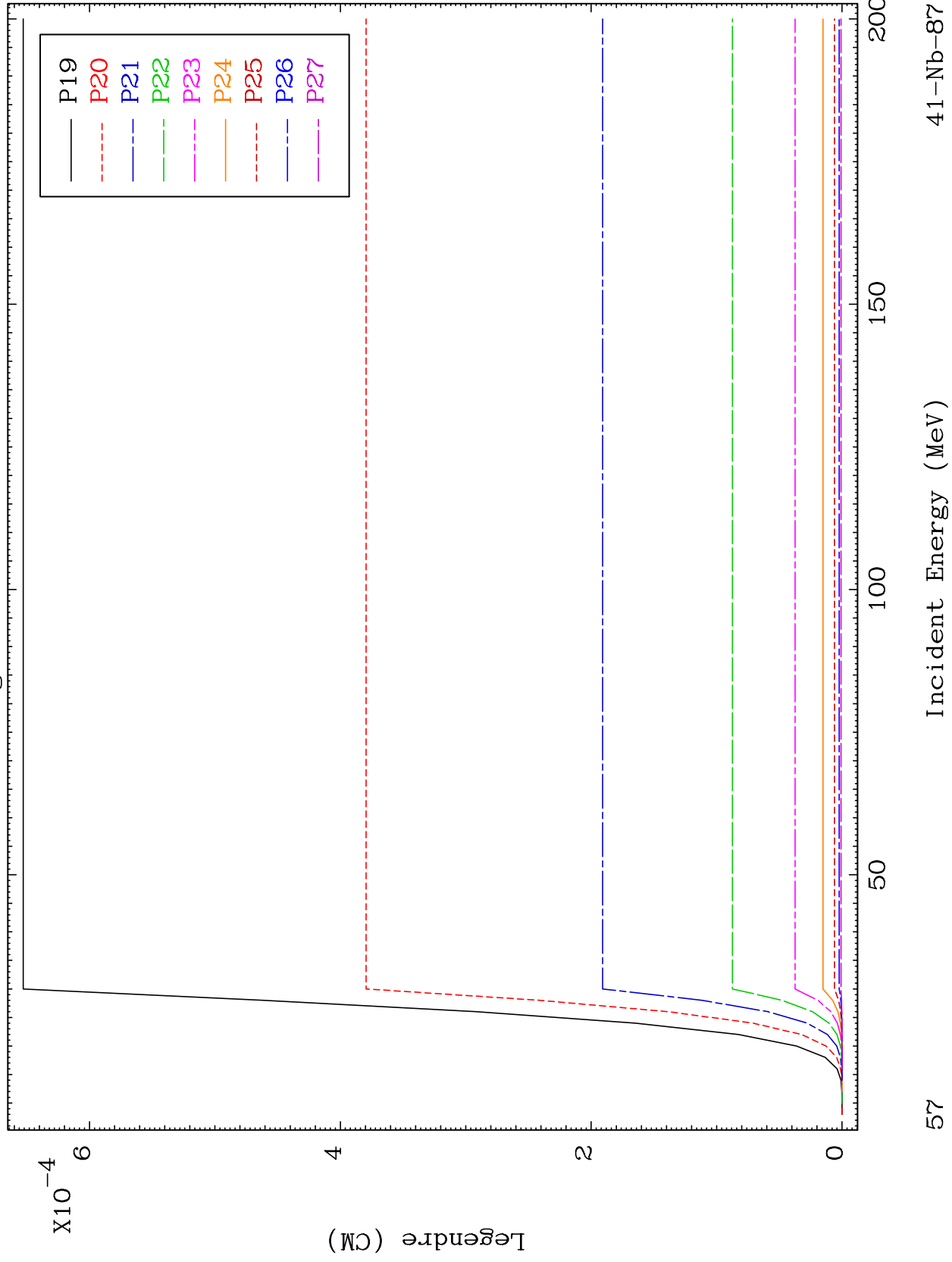
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



57

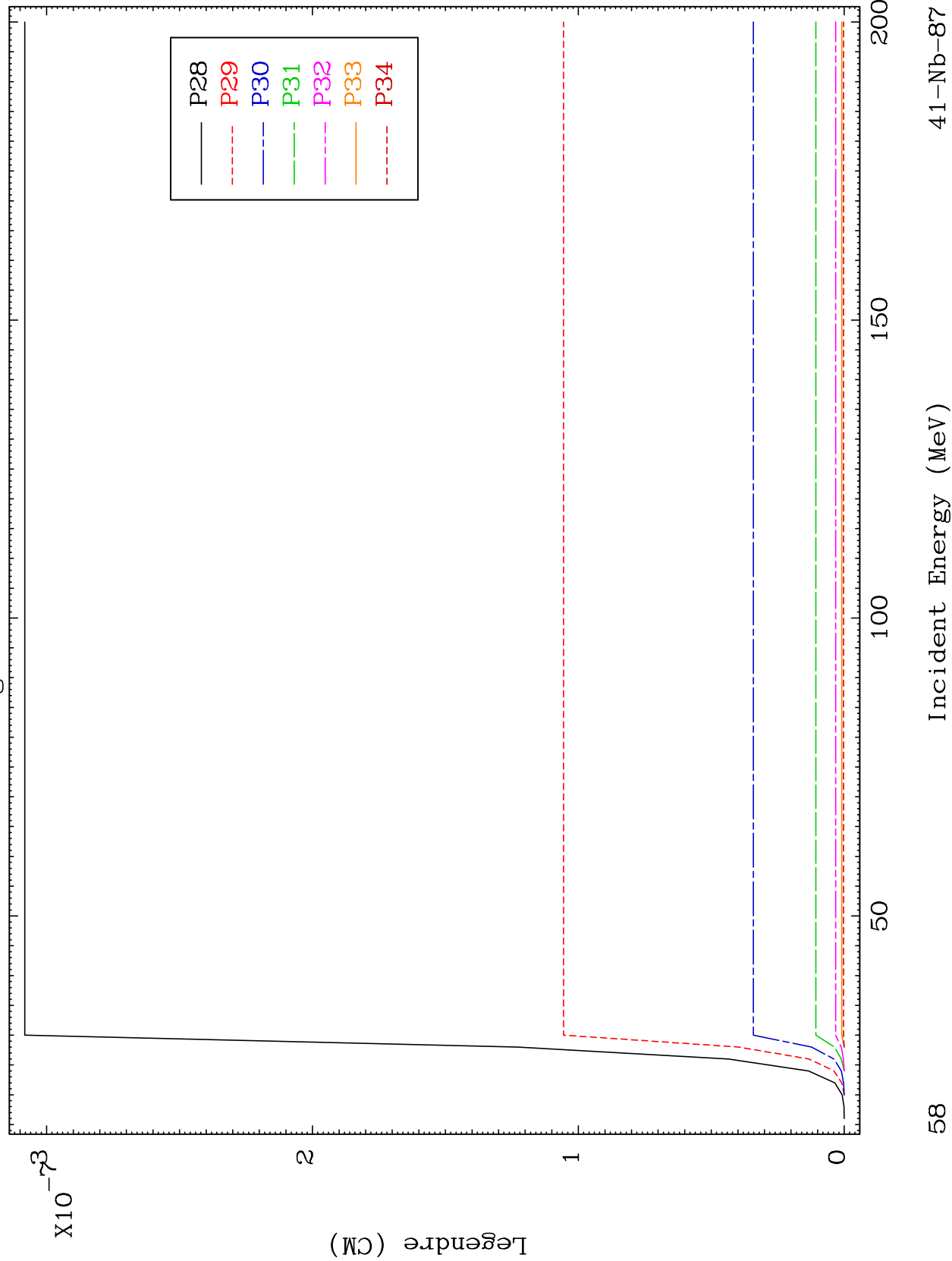
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

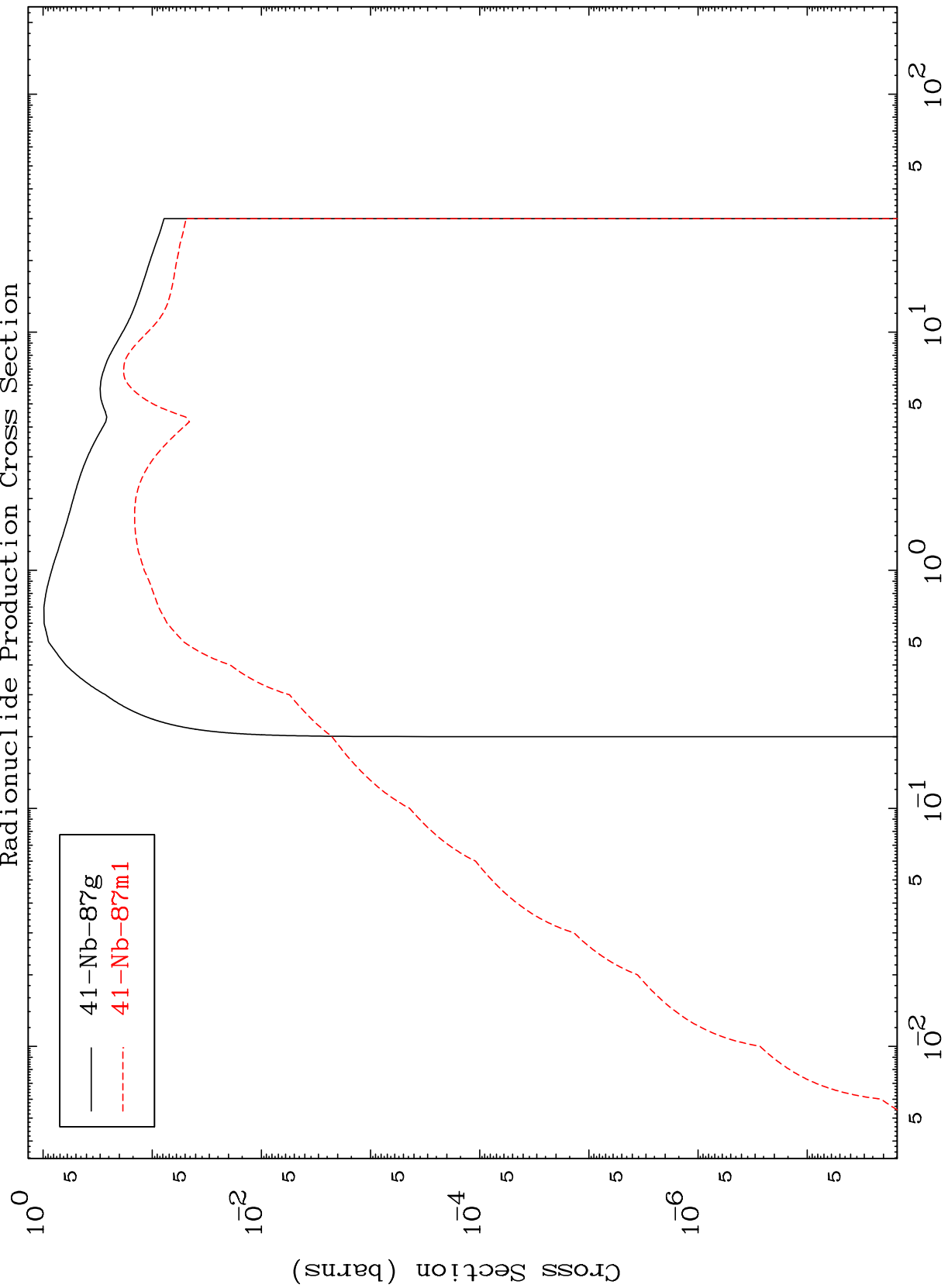
41-Nb-87



MAT 4107

41-Nb-87

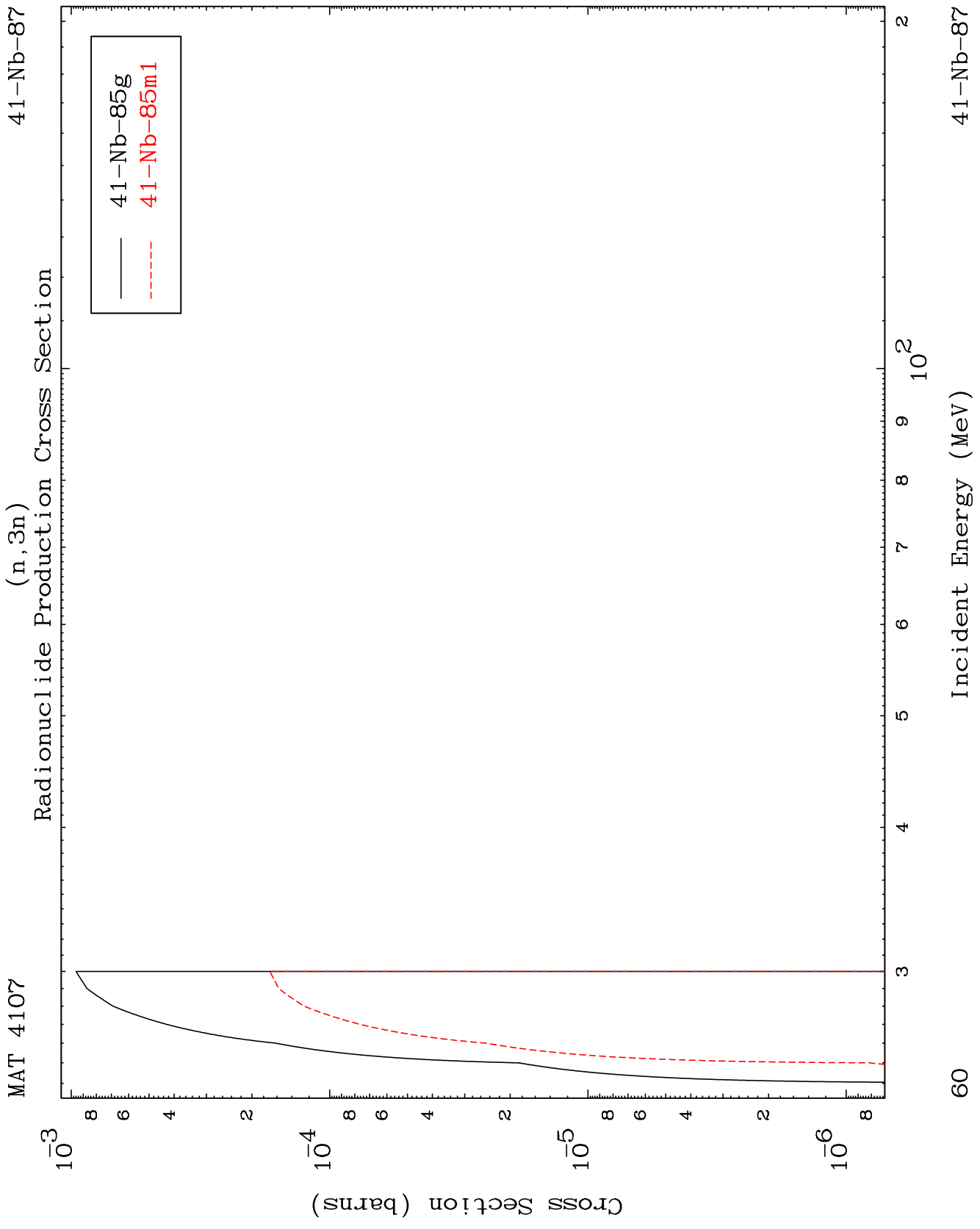
Inelastic
Radionuclide Production Cross Section



41-Nb-87

Incident Energy (MeV)

59

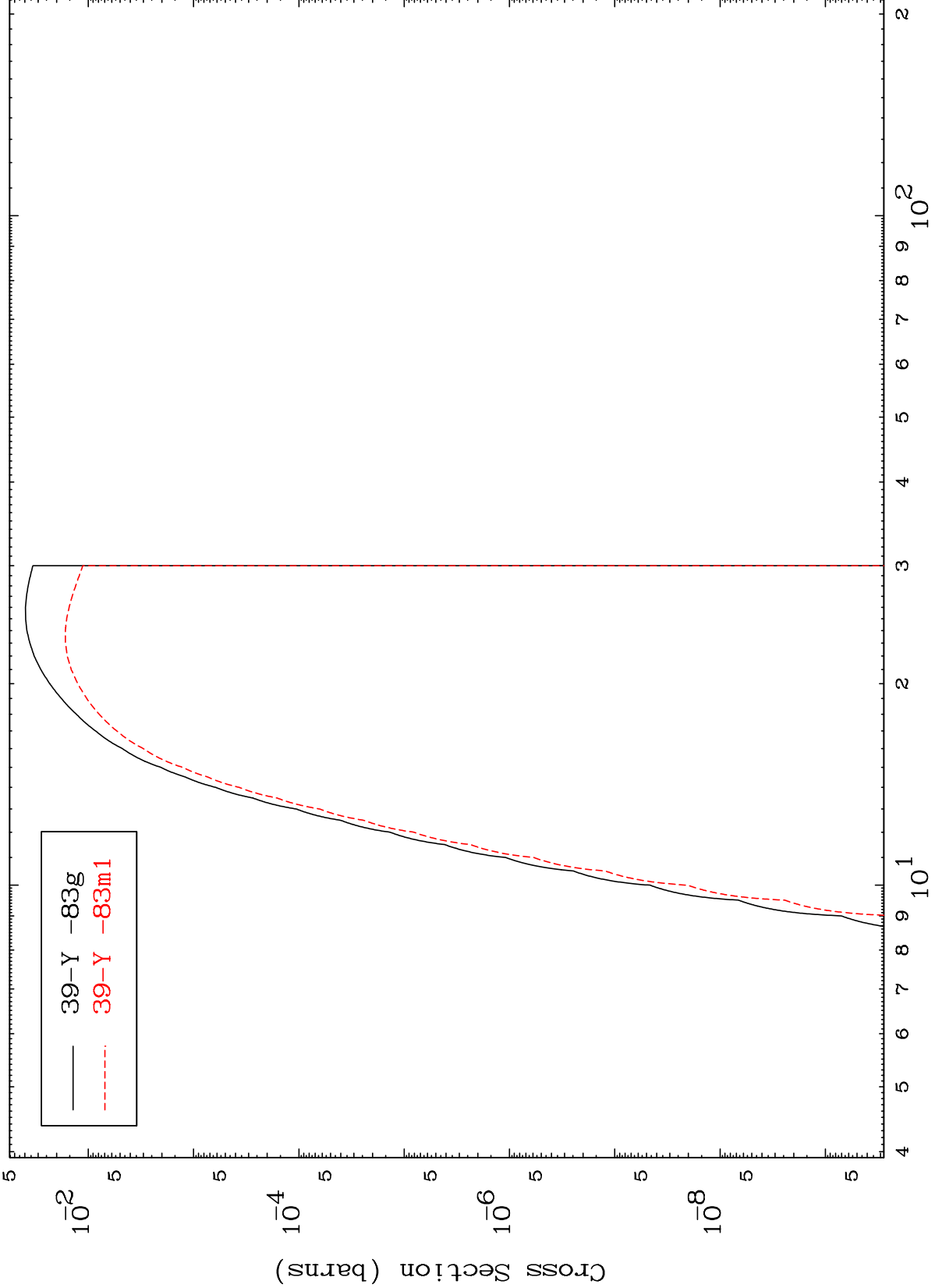


MAT 4107

$(n, n') \alpha$

41-Nb-87

Radionuclide Production Cross Section



61

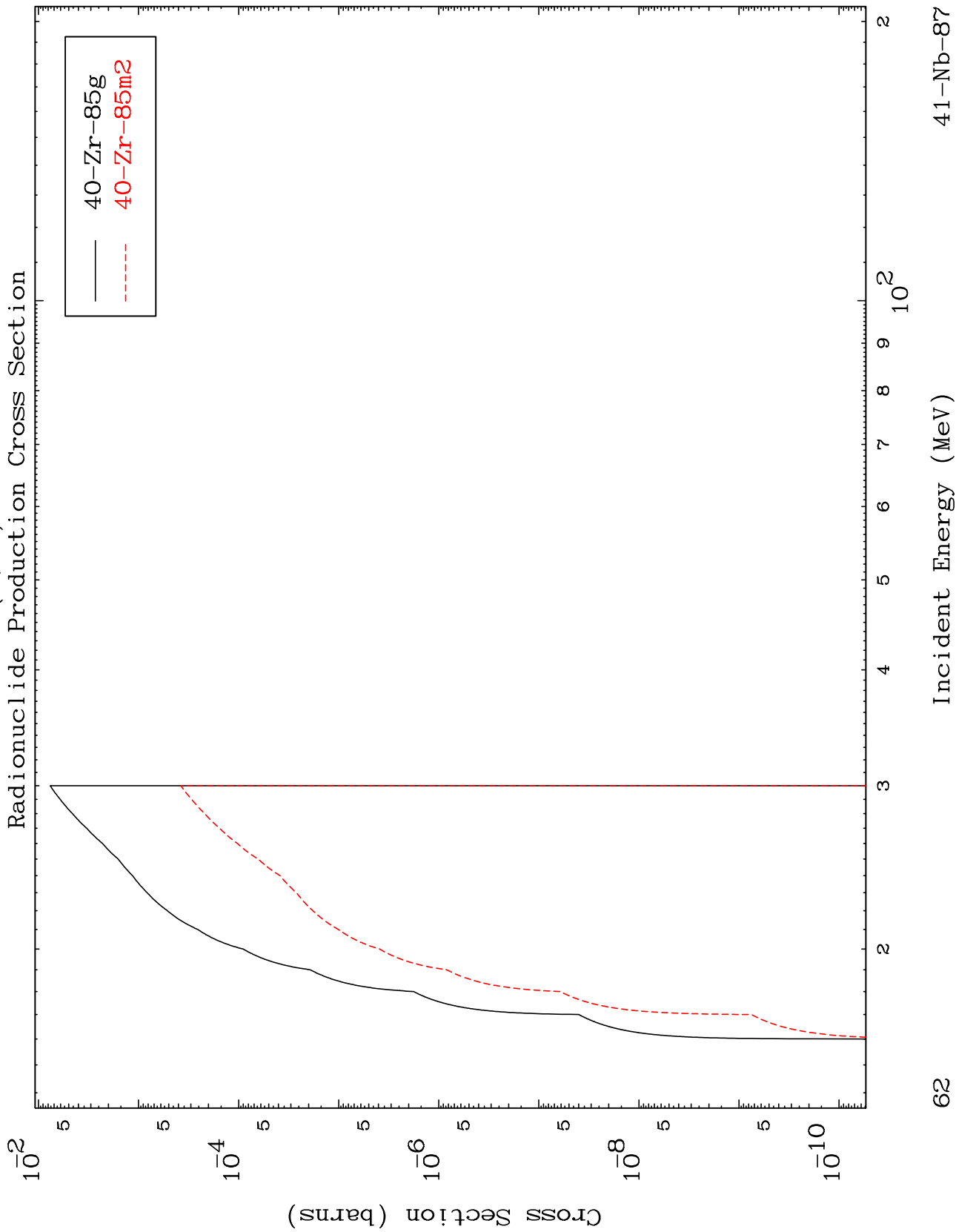
Incident Energy (MeV)

41-Nb-87

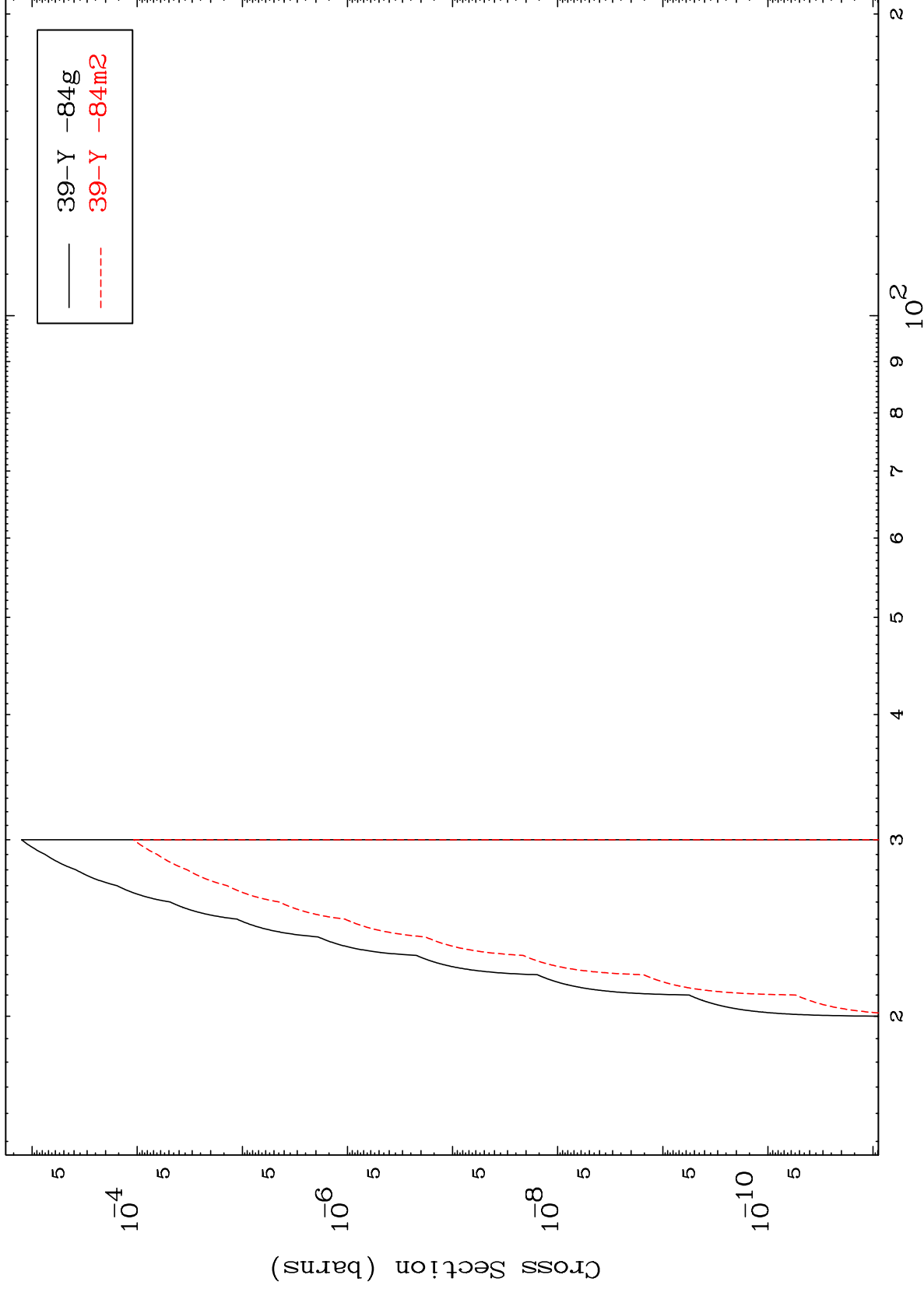
MAT 4107

(n,n') d

41-Nb-87



Radionuclide Production Cross Section



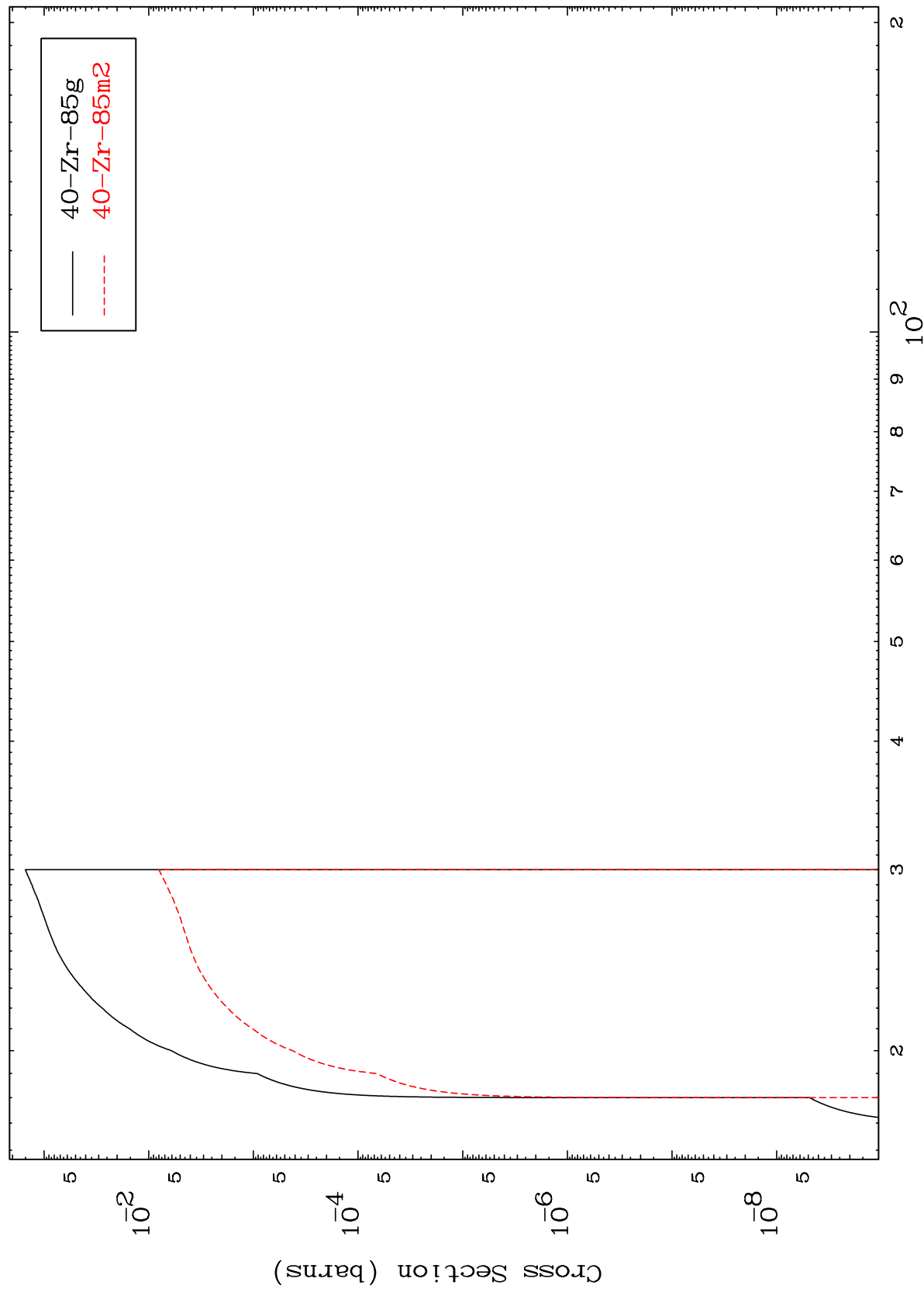
39-Y-84g
39-Y-84m2

MAT 4107

(n,2n) p

41-Nb-87

Radionuclide Production Cross Section



64

Incident Energy (MeV)

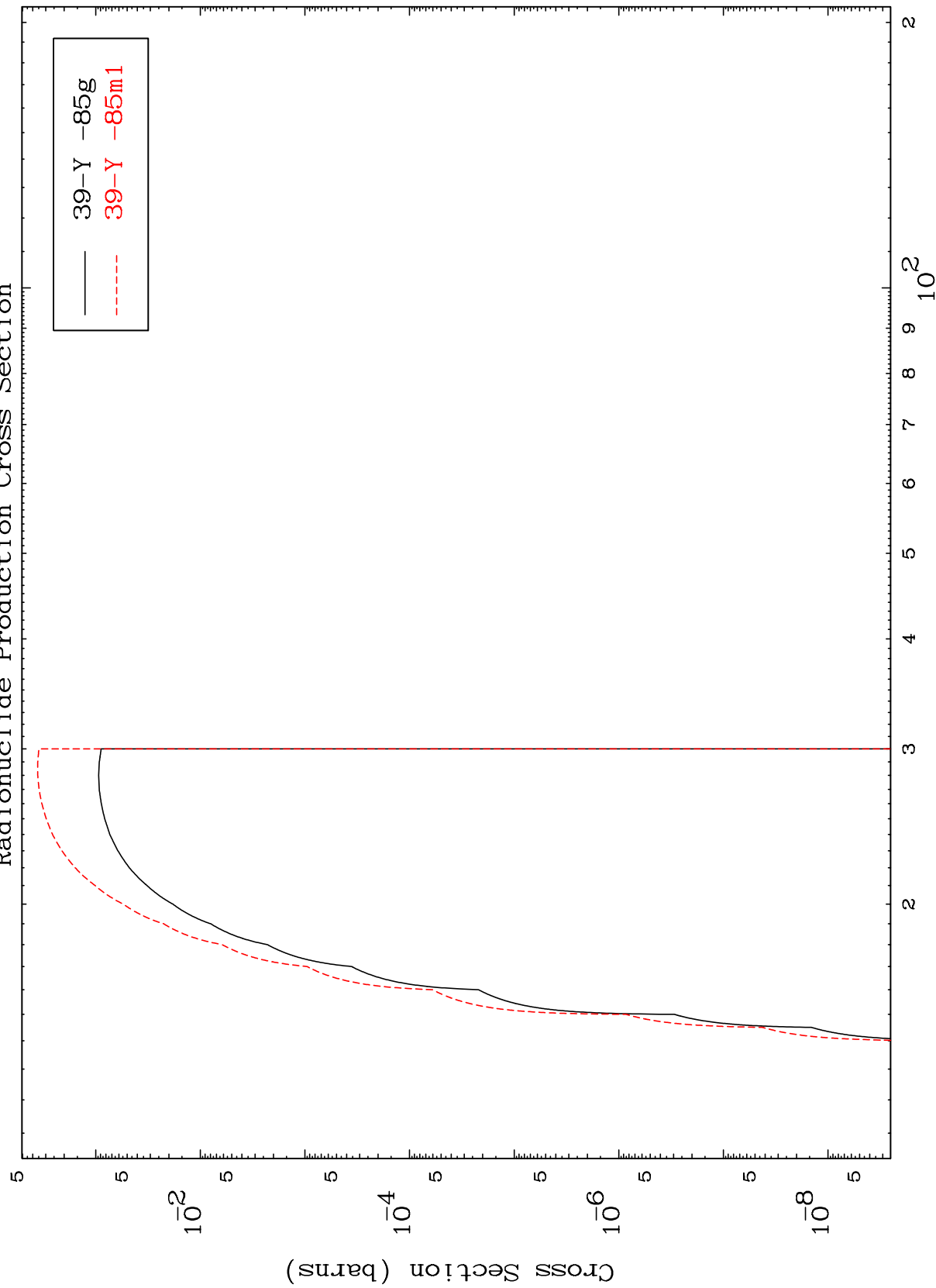
41-Nb-87

MAT 4107

(n,2n) p

41-Nb-87

Radionuclide Production Cross Section



65

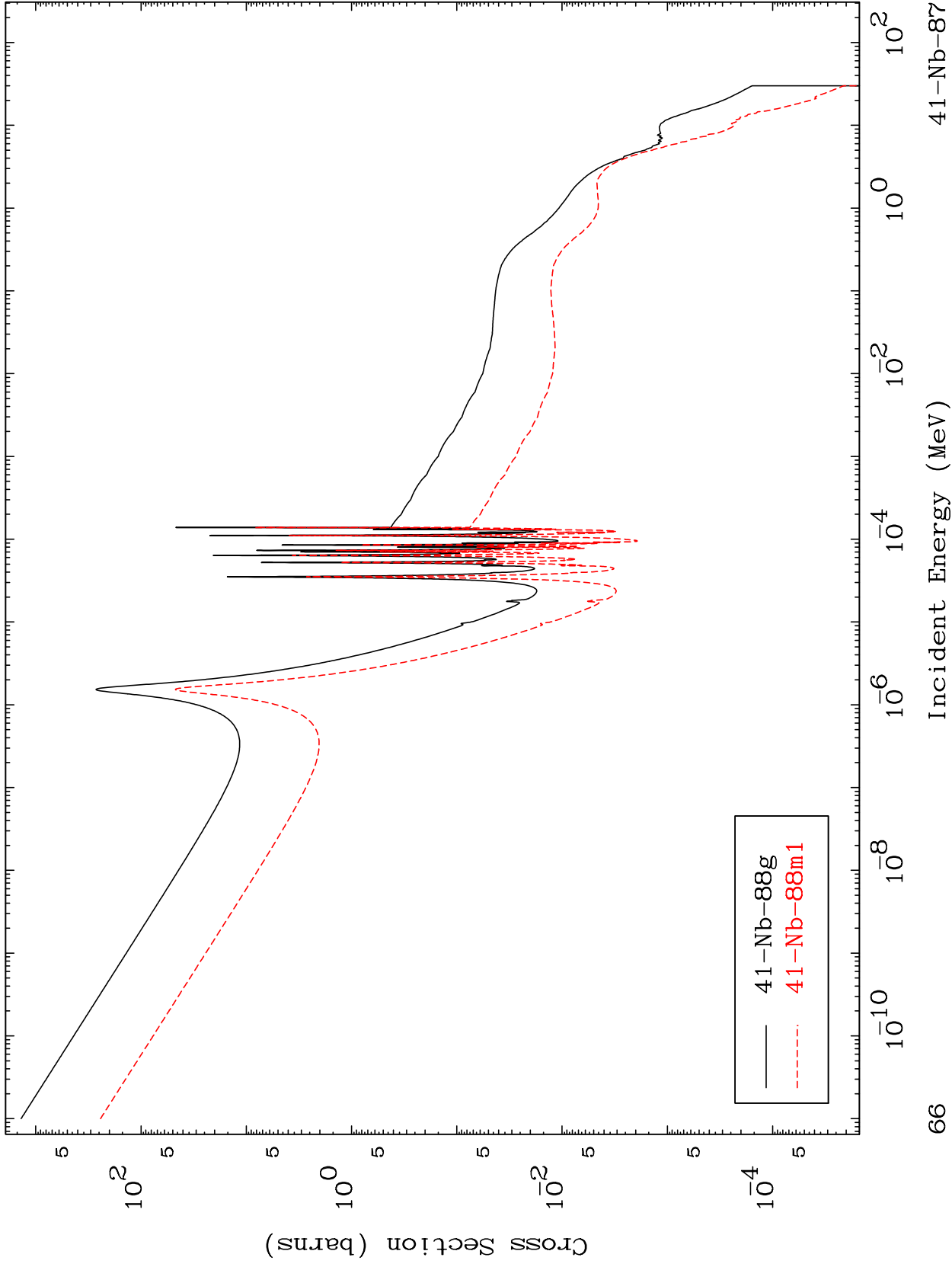
Incident Energy (MeV)

41-Nb-87

MAT 4107

41-Nb-87

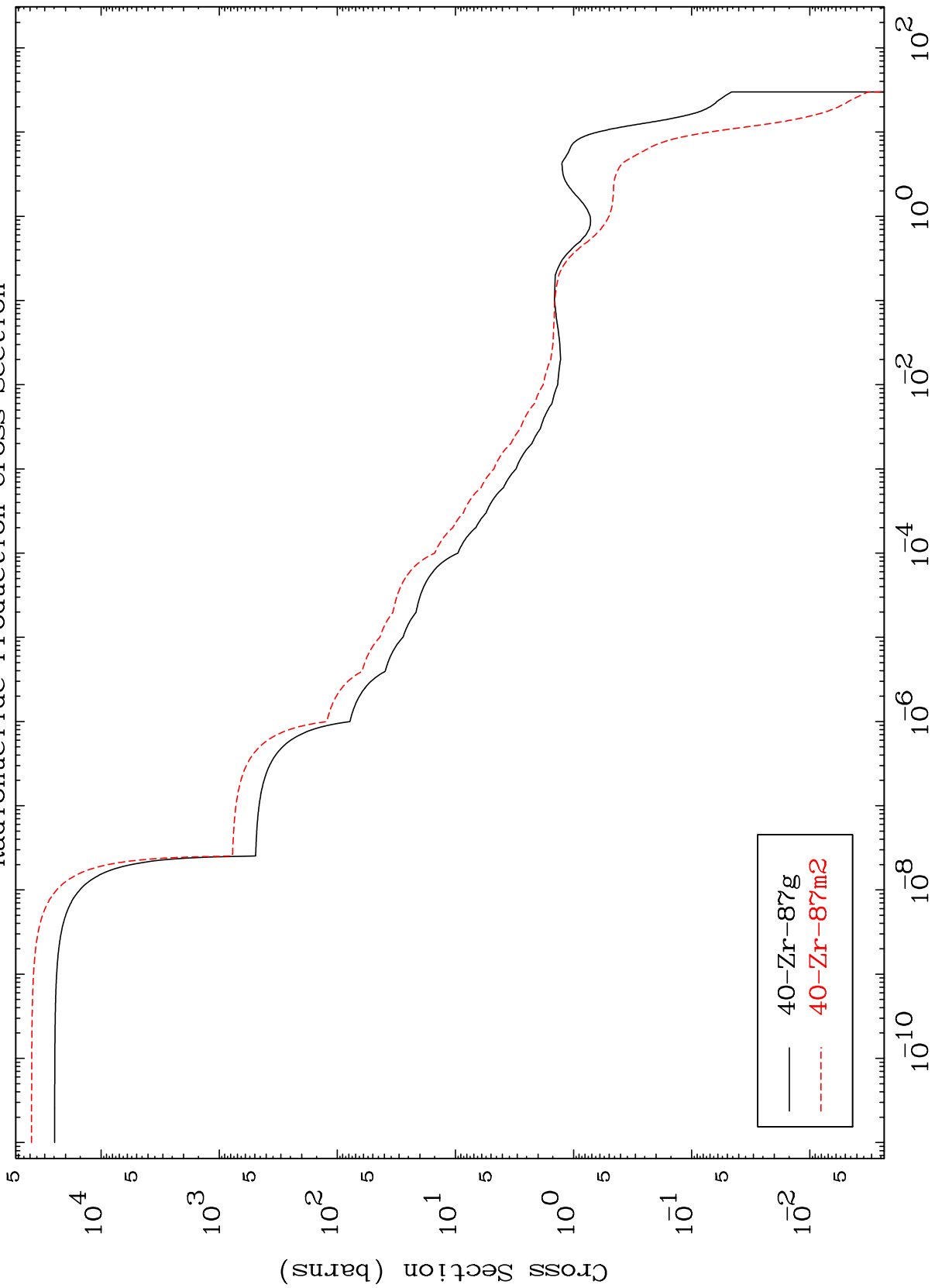
(n, γ)
Radionuclide Production Cross Section



MAT 4107

41-Nb-87

Radionuclide Production Cross Section (n,p)



— 40-Zr-87g
- - - 40-Zr-87m2

67

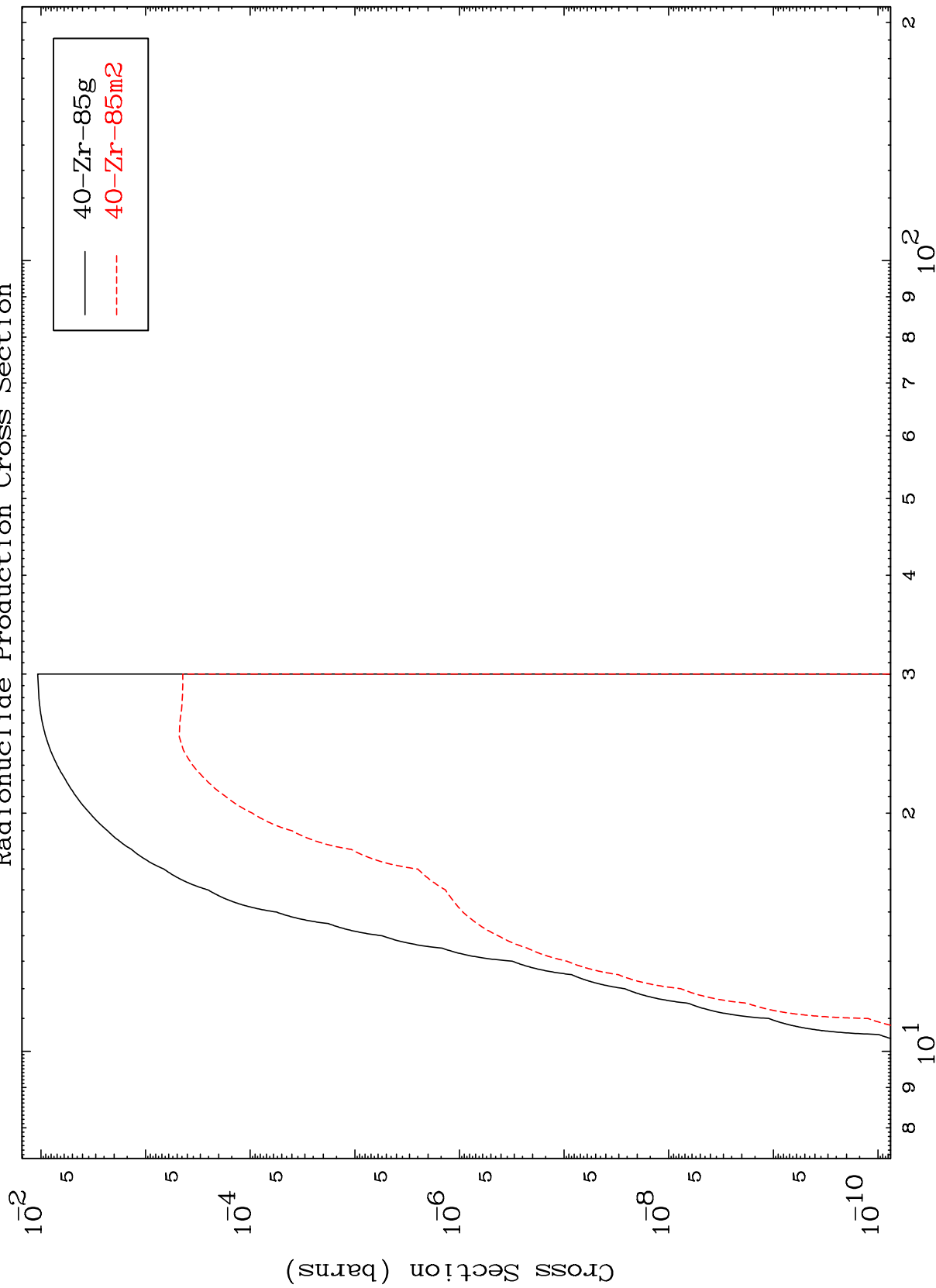
41-Nb-87

Incident Energy (MeV)

MAT 4107

41-Nb-87

(n, t)
Radionuclide Production Cross Section



68

Incident Energy (MeV)

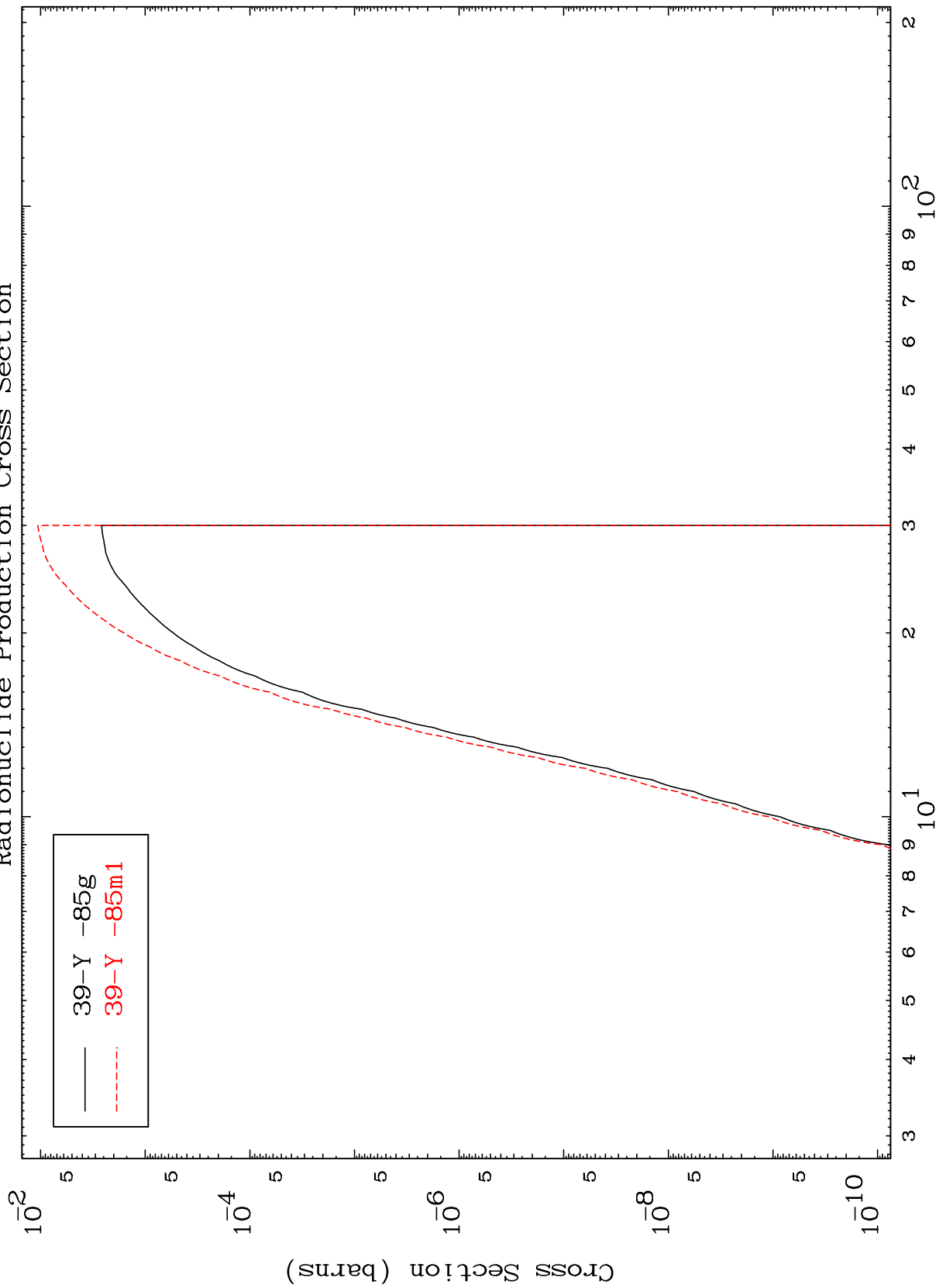
41-Nb-87

MAT 4107

(n,He-3)

41-Nb-87

Radionuclide Production Cross Section



— 39-Y -85g
- - - 39-Y -85m1

Incident Energy (MeV)

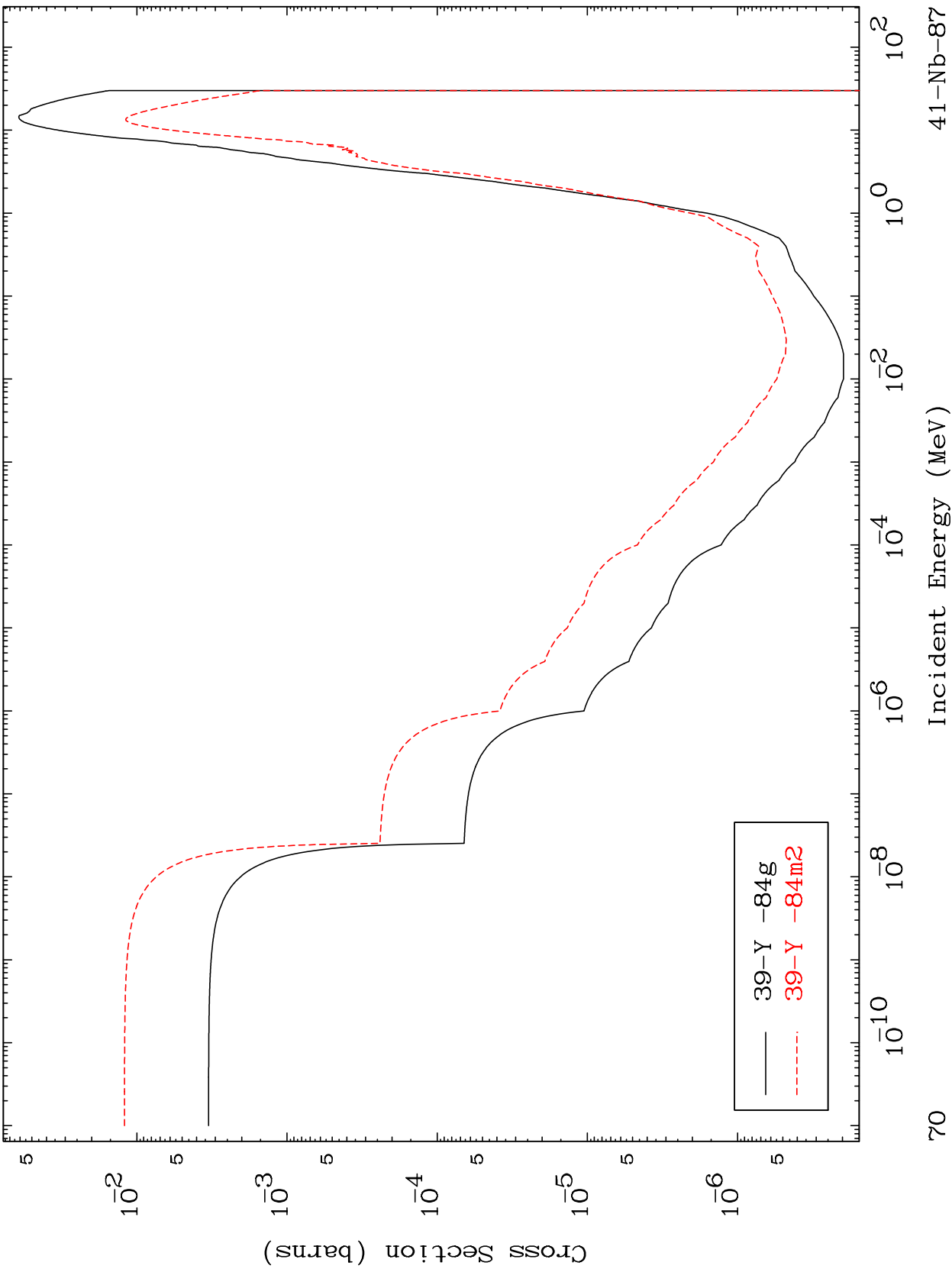
41-Nb-87

69

MAT 4107

41-Nb-87

Radionuclide Production Cross Section



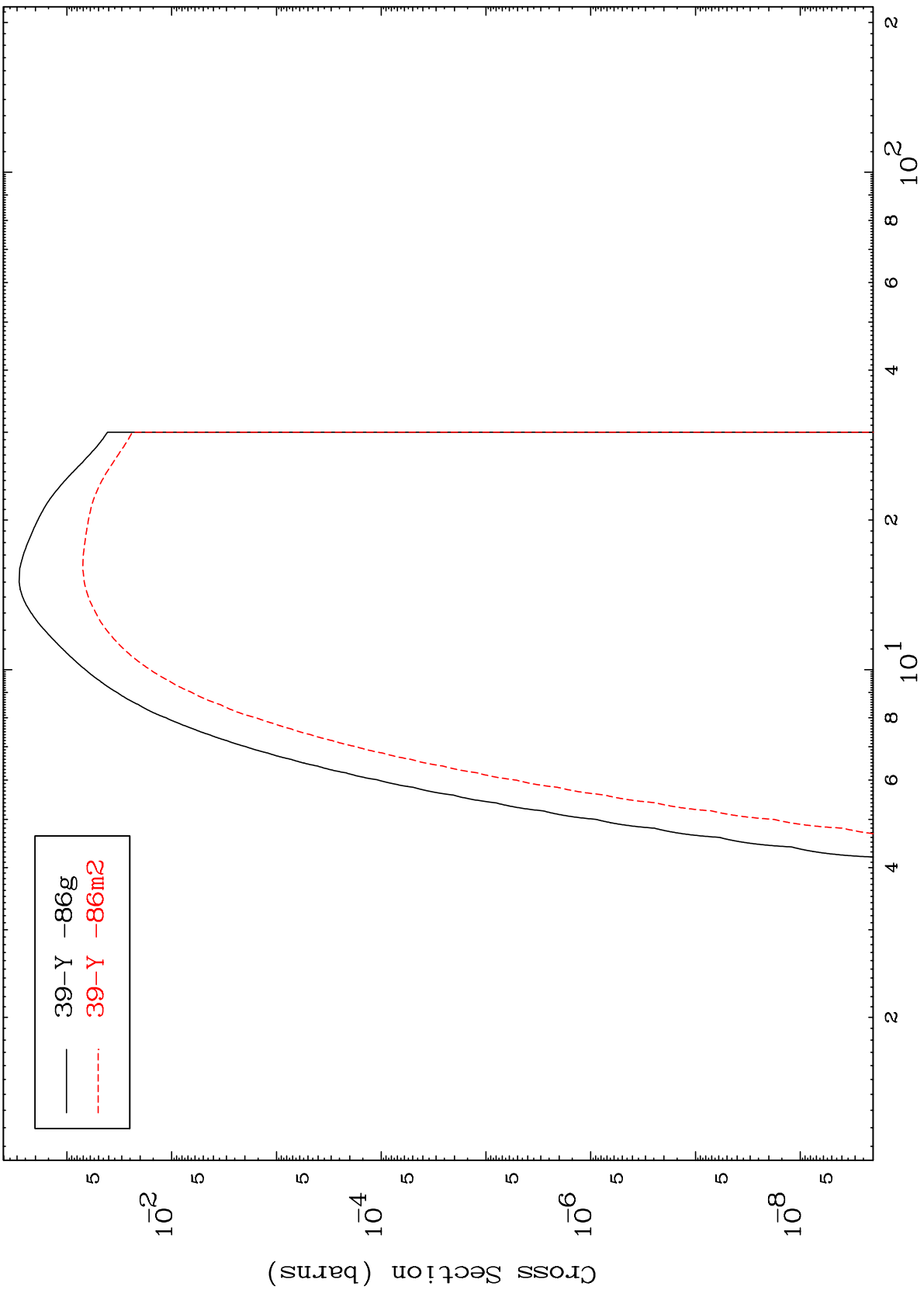
70

41-Nb-87

MAT 4107

41-Nb-87

(n,2p)
Radionuclide Production Cross Section



71

Incident Energy (MeV)

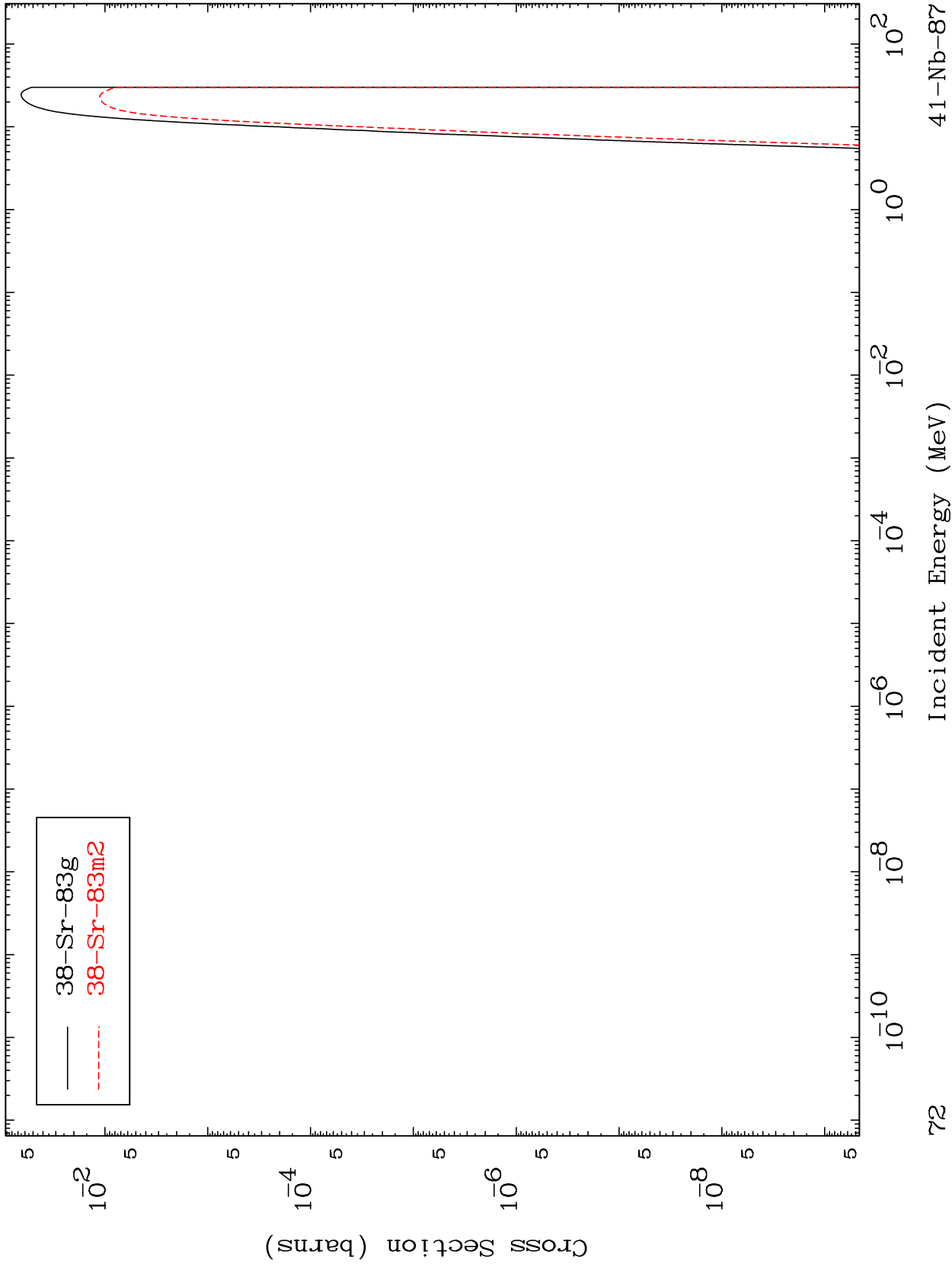
41-Nb-87

MAT 4107

(n,p) α

41-Nb-87

Radionuclide Production Cross Section

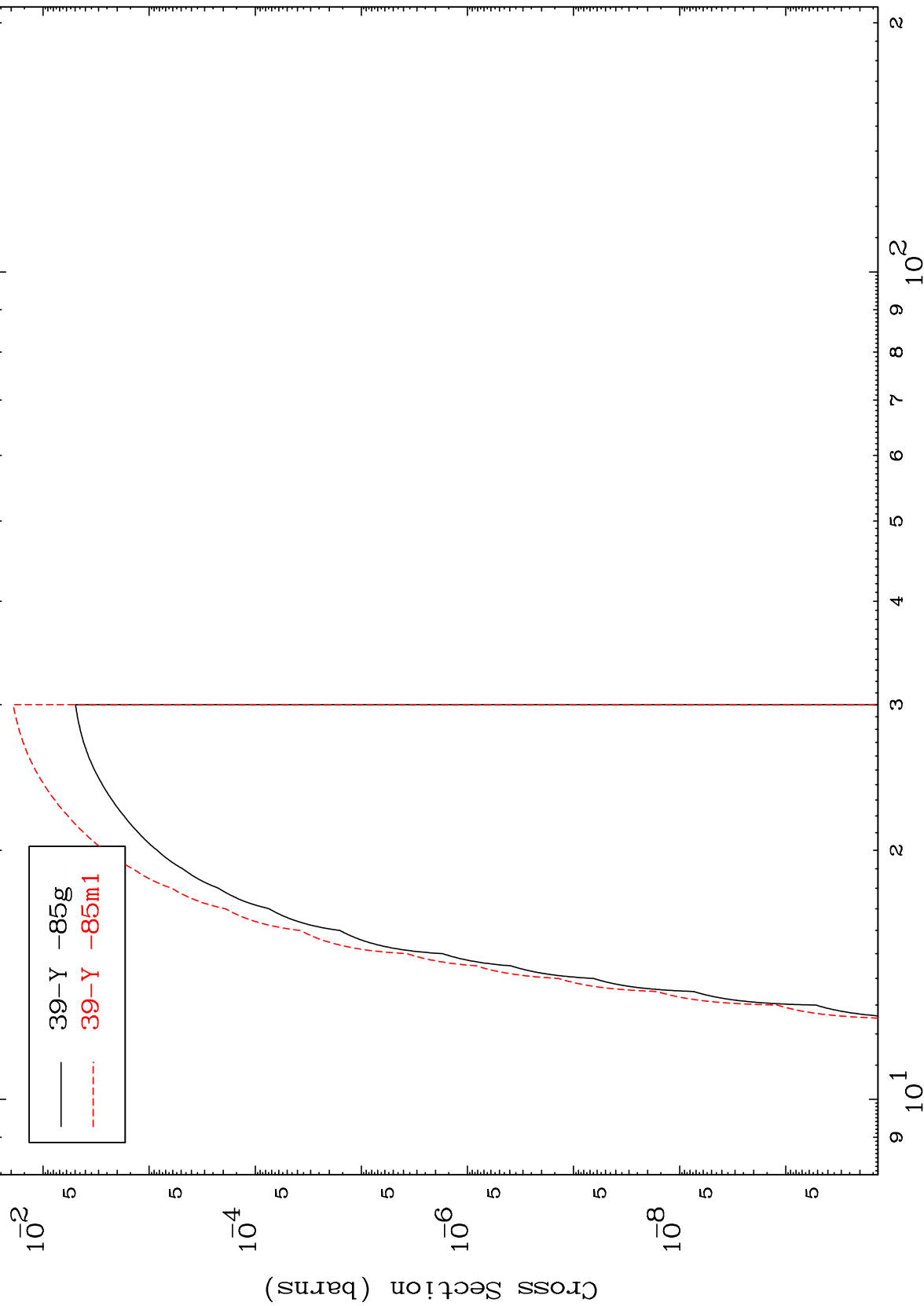


MAT 4107

(n,p) d

41-Nb-87

Radionuclide Production Cross Section



73

Incident Energy (MeV)

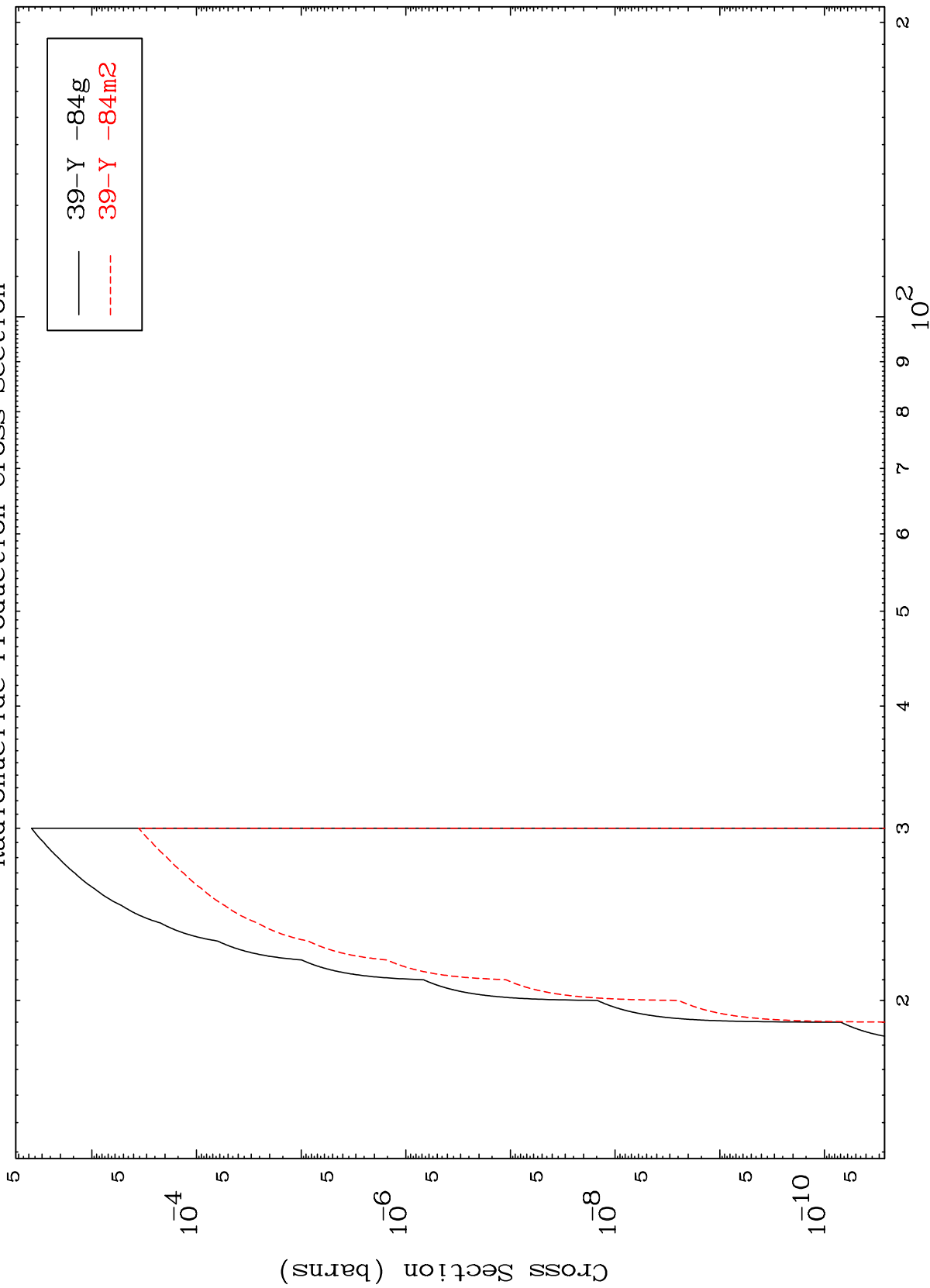
41-Nb-87

MAT 4107

(n,p) t

41-Nb-87

Radionuclide Production Cross Section



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

74

Incident Energy (MeV)

41-Nb-87