

Program EVALPLOT
(Version 2021-1)

by

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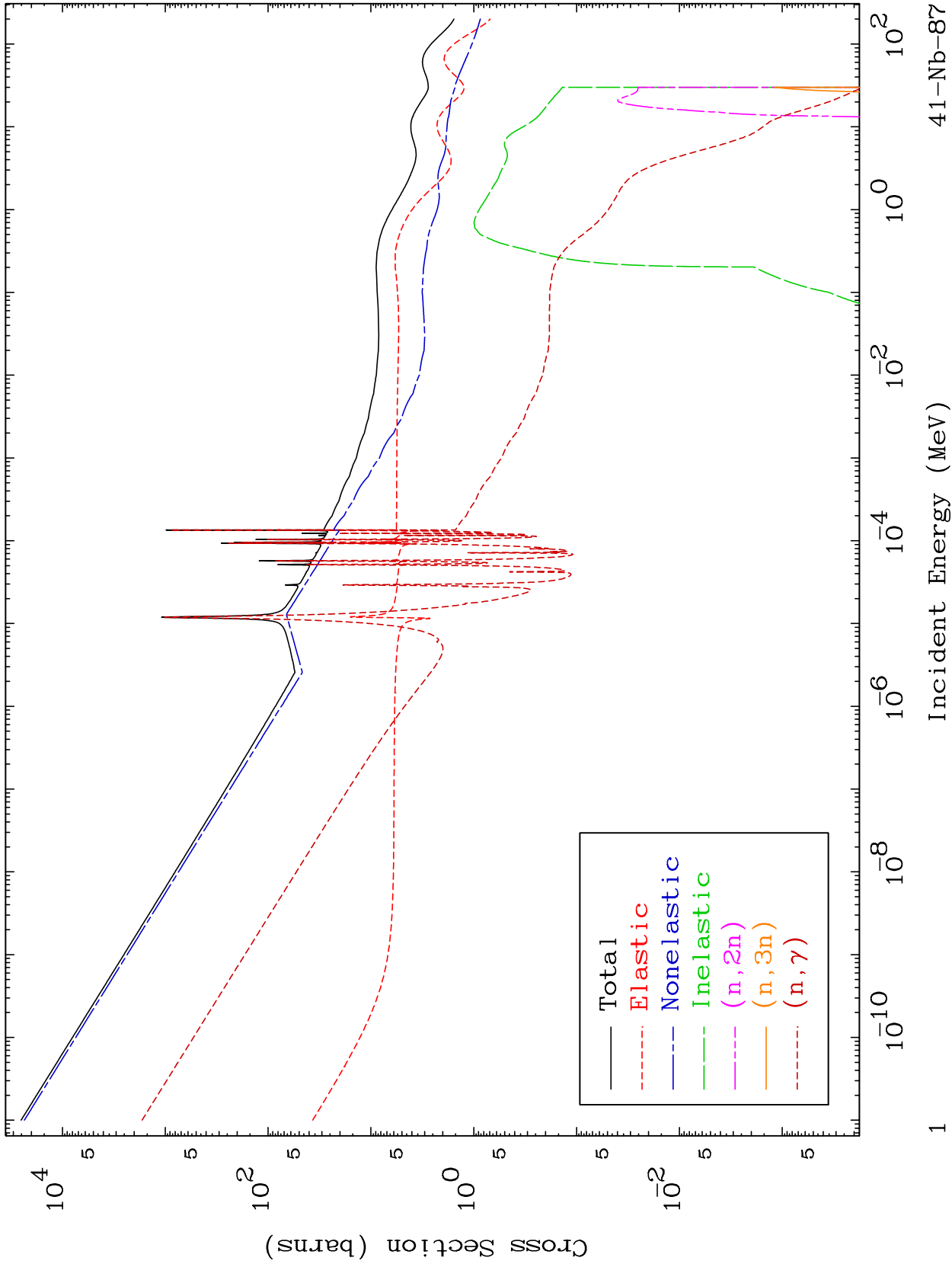
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Press Mouse Button to Start

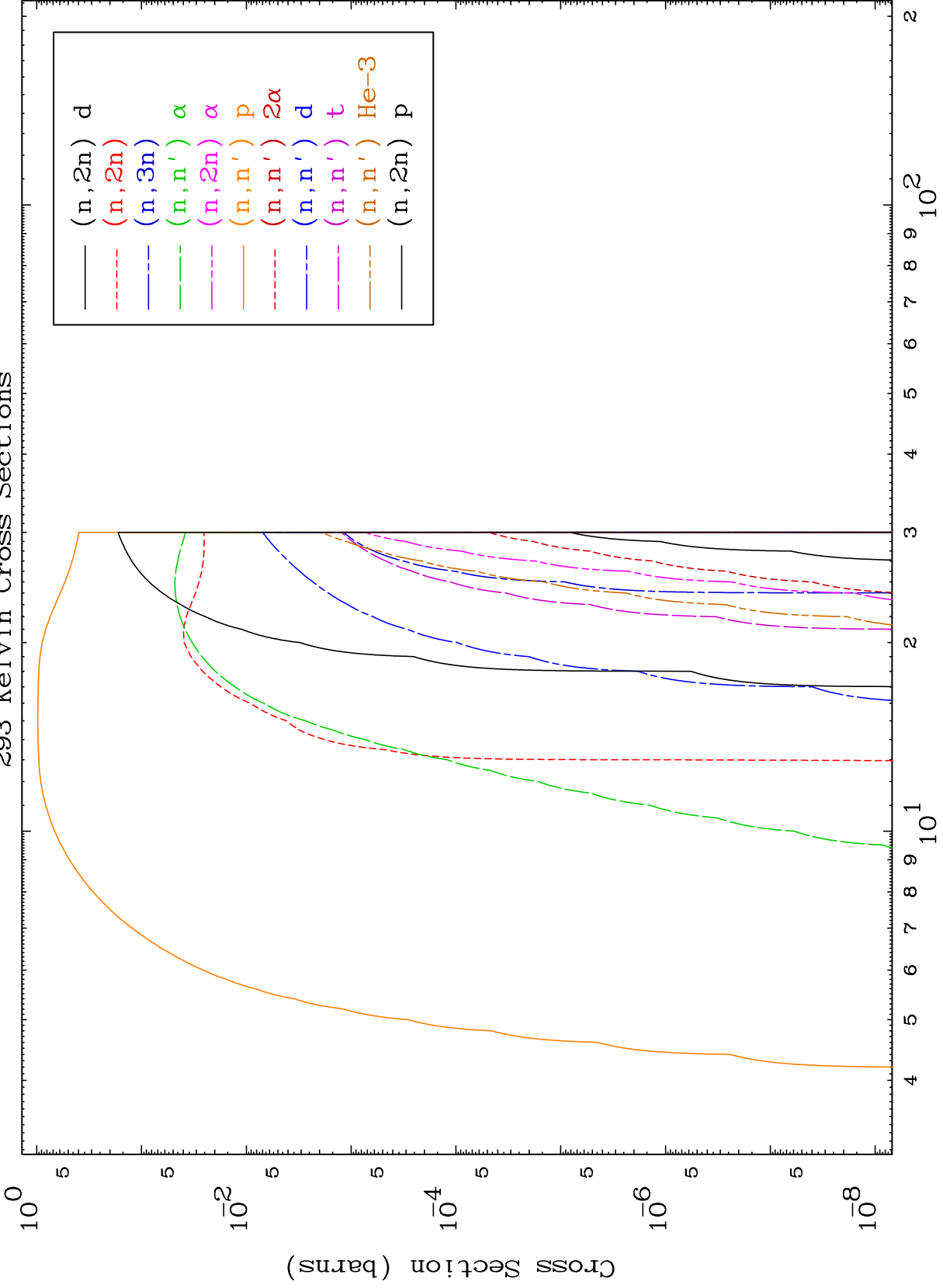
MAT 4107

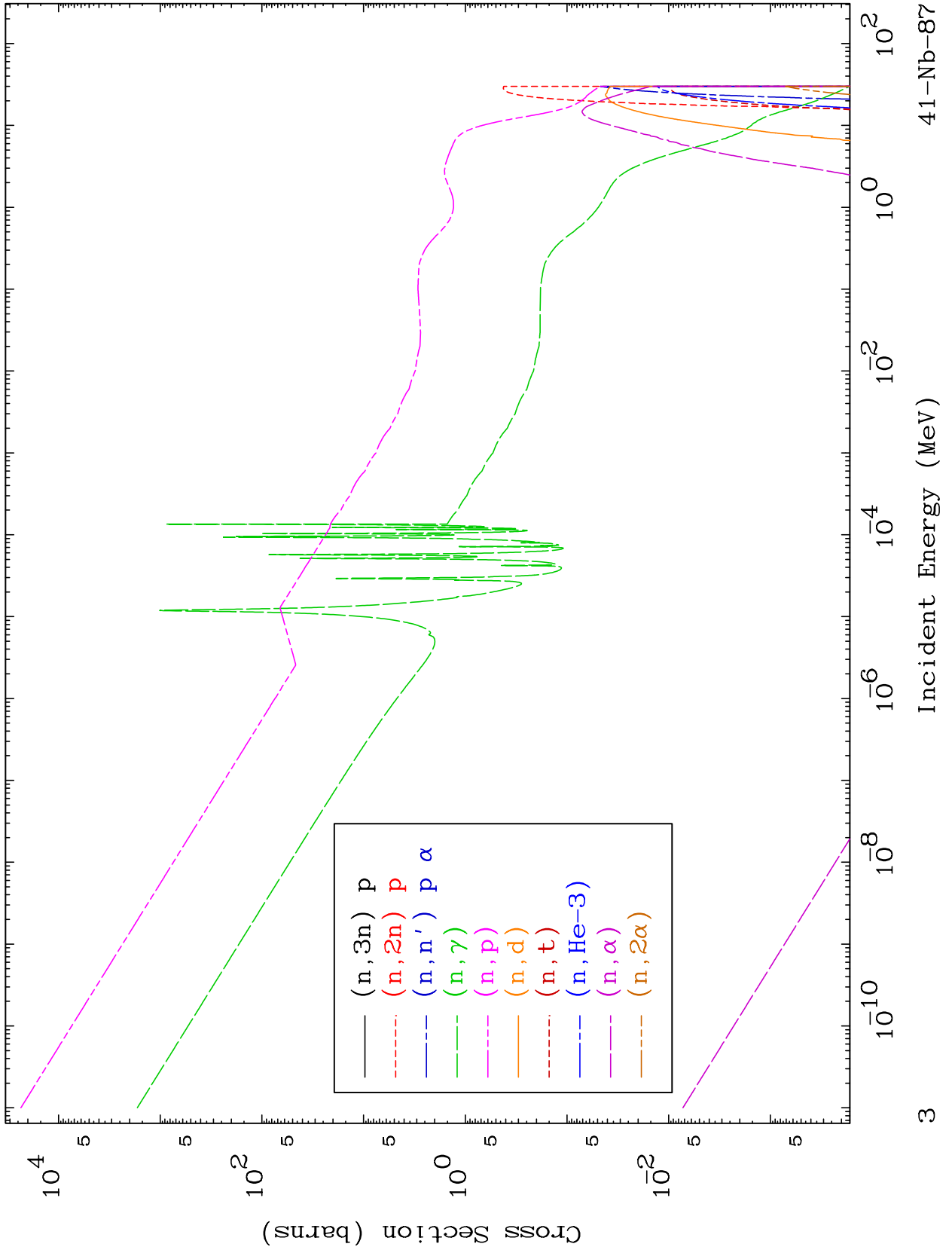
Neutron Major
293 Kelvin Cross Sections

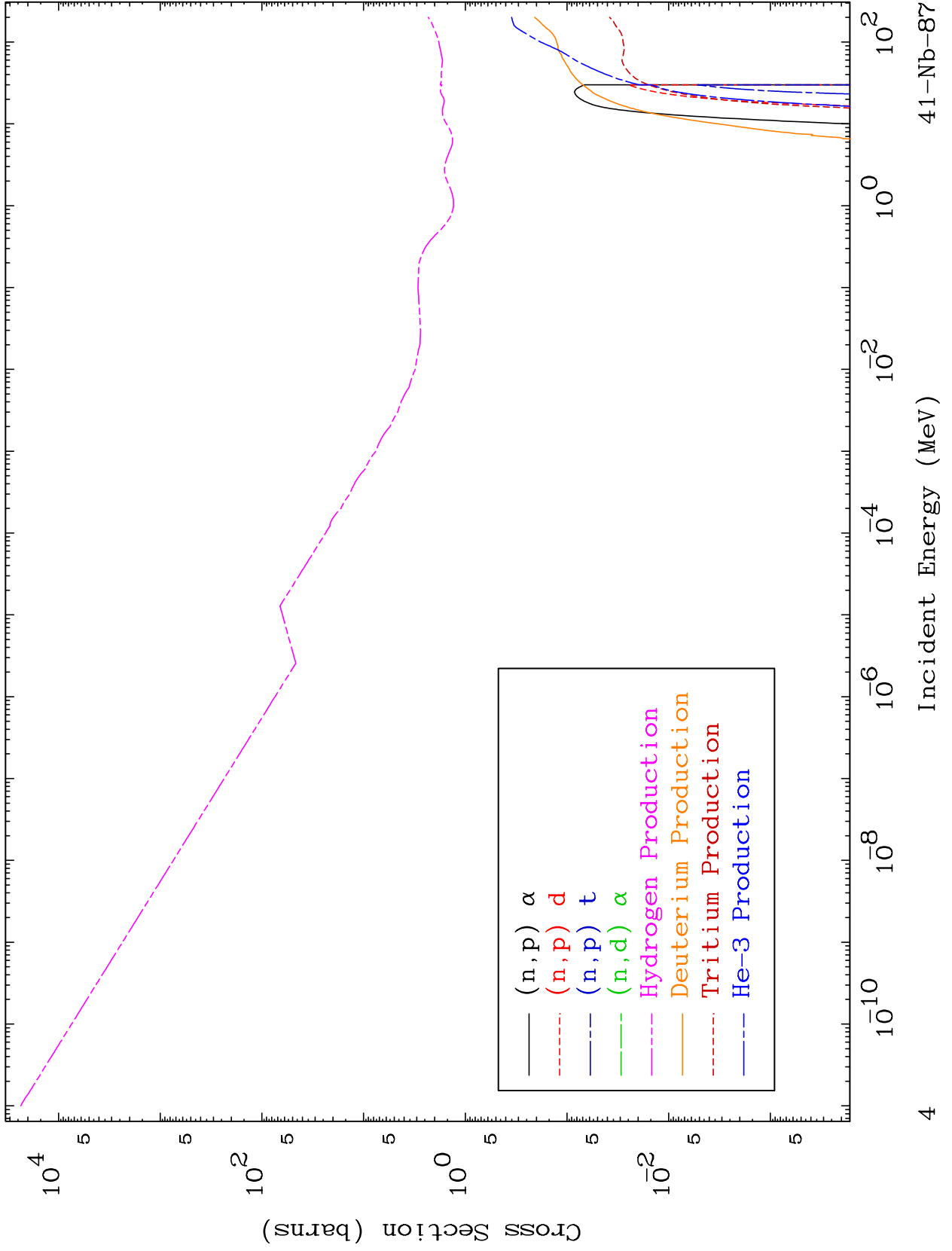
41-Nb-87



41-Nb-87



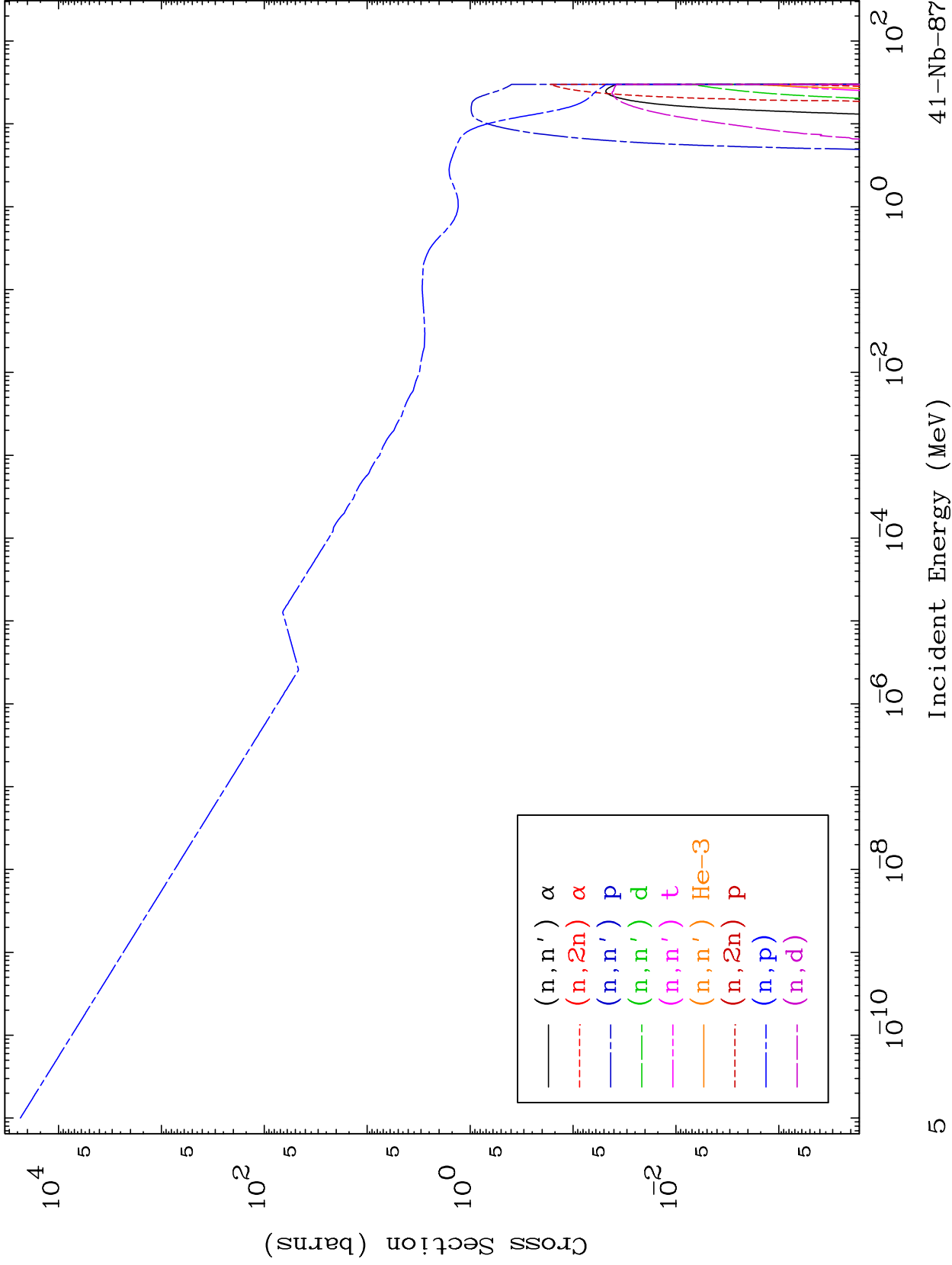




MAT 4107

Charged Particle
293 Kelvin Cross Sections

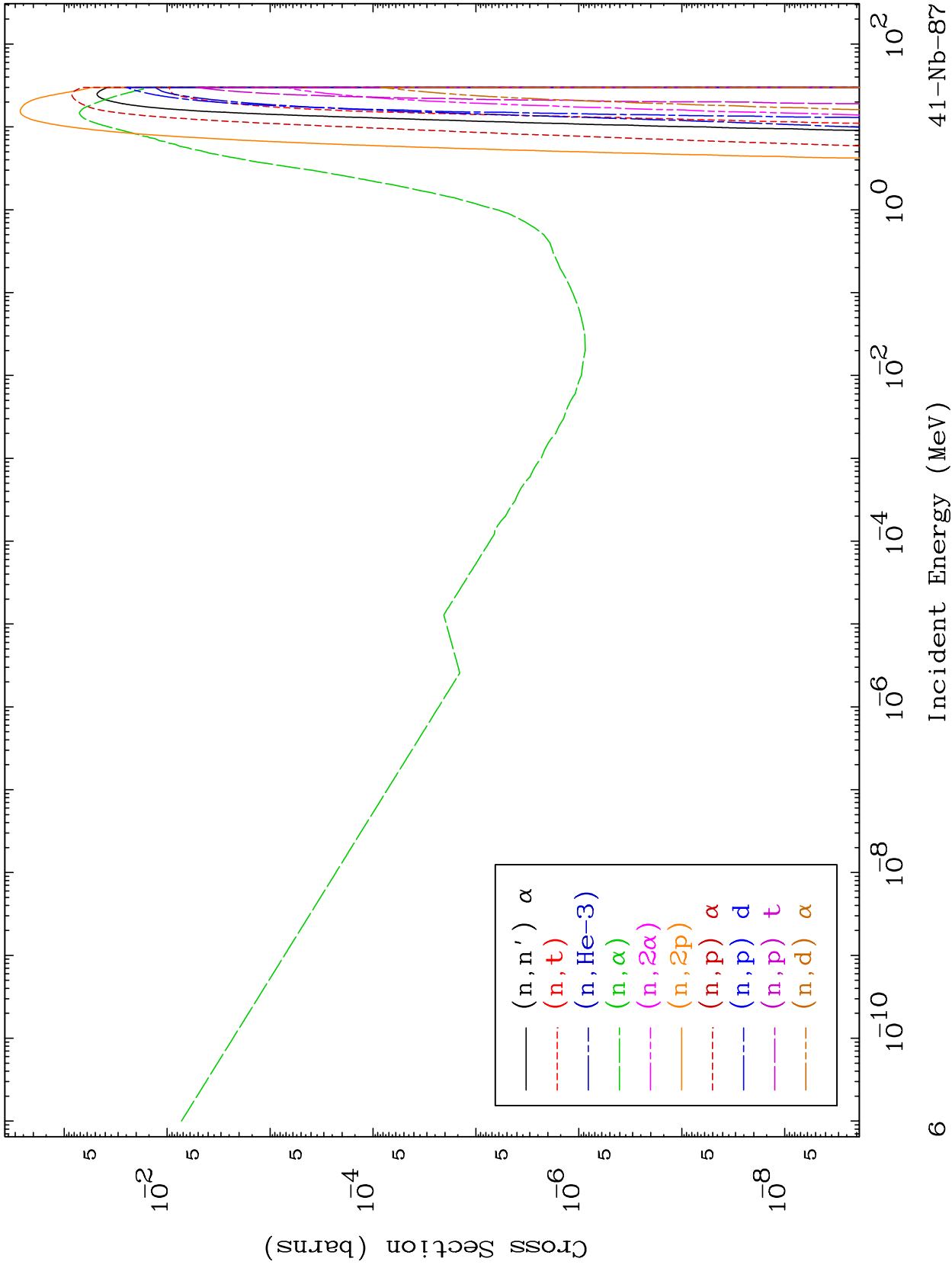
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MAT 4107

Charged Particle
293 Kelvin Cross Sections

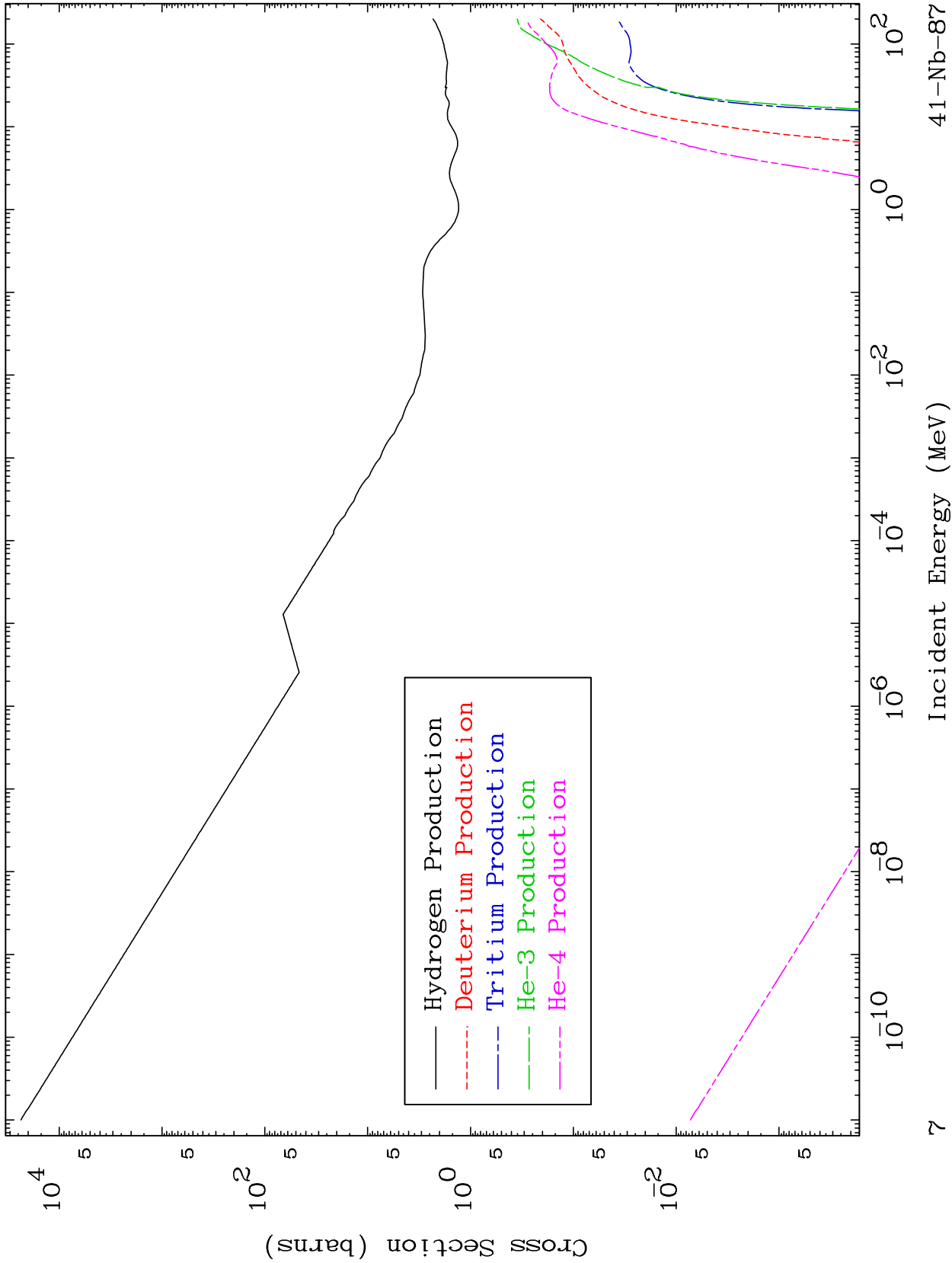
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MAT 4107

Particle Production
293 Kelvin Cross Sections

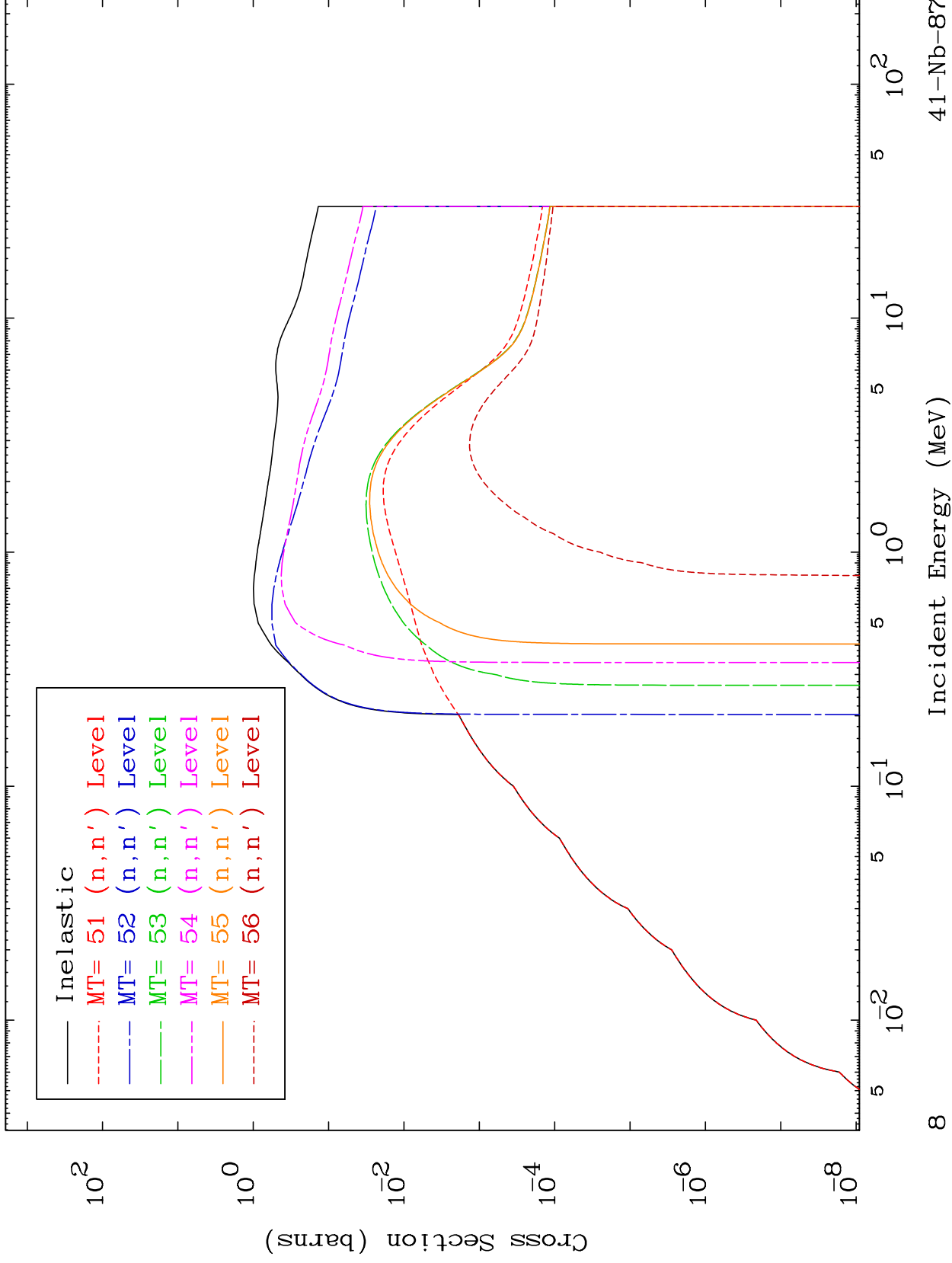
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MAT 4107

(n,n') Levels
293 Kelvin Cross Sections

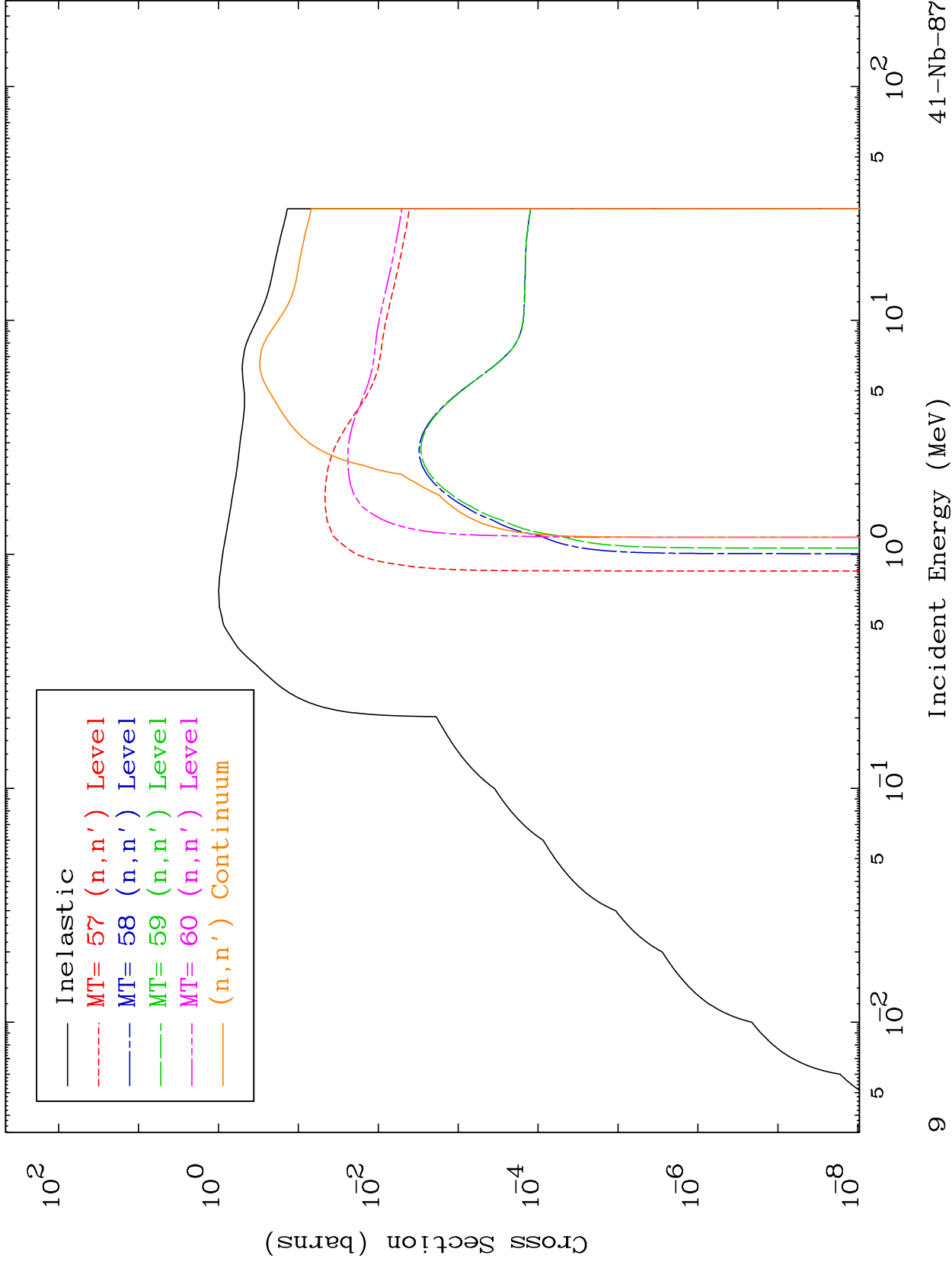
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MAT 4107

(n,n') Levels
293 Kelvin Cross Sections

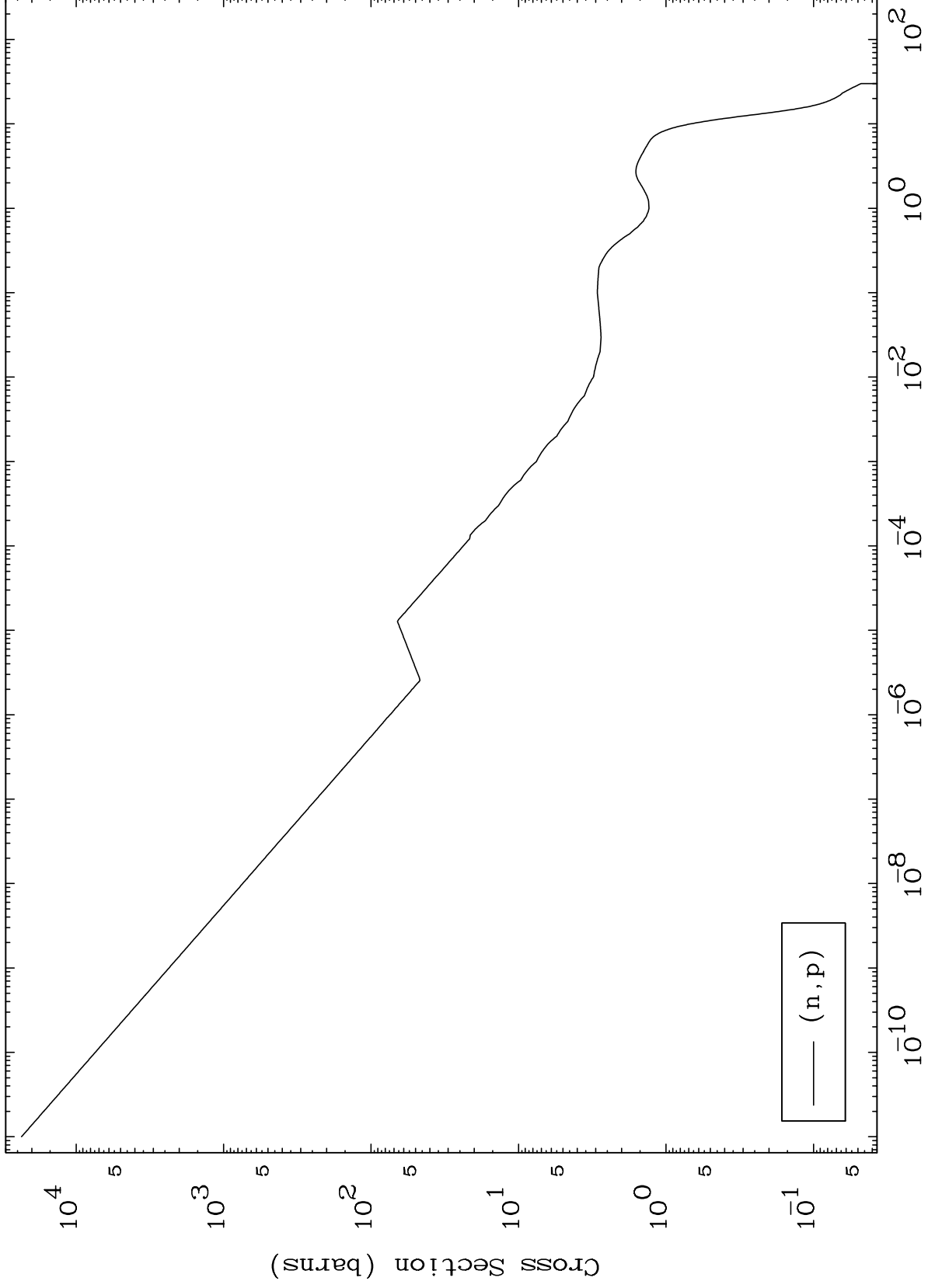
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MAT 4107

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-87



10

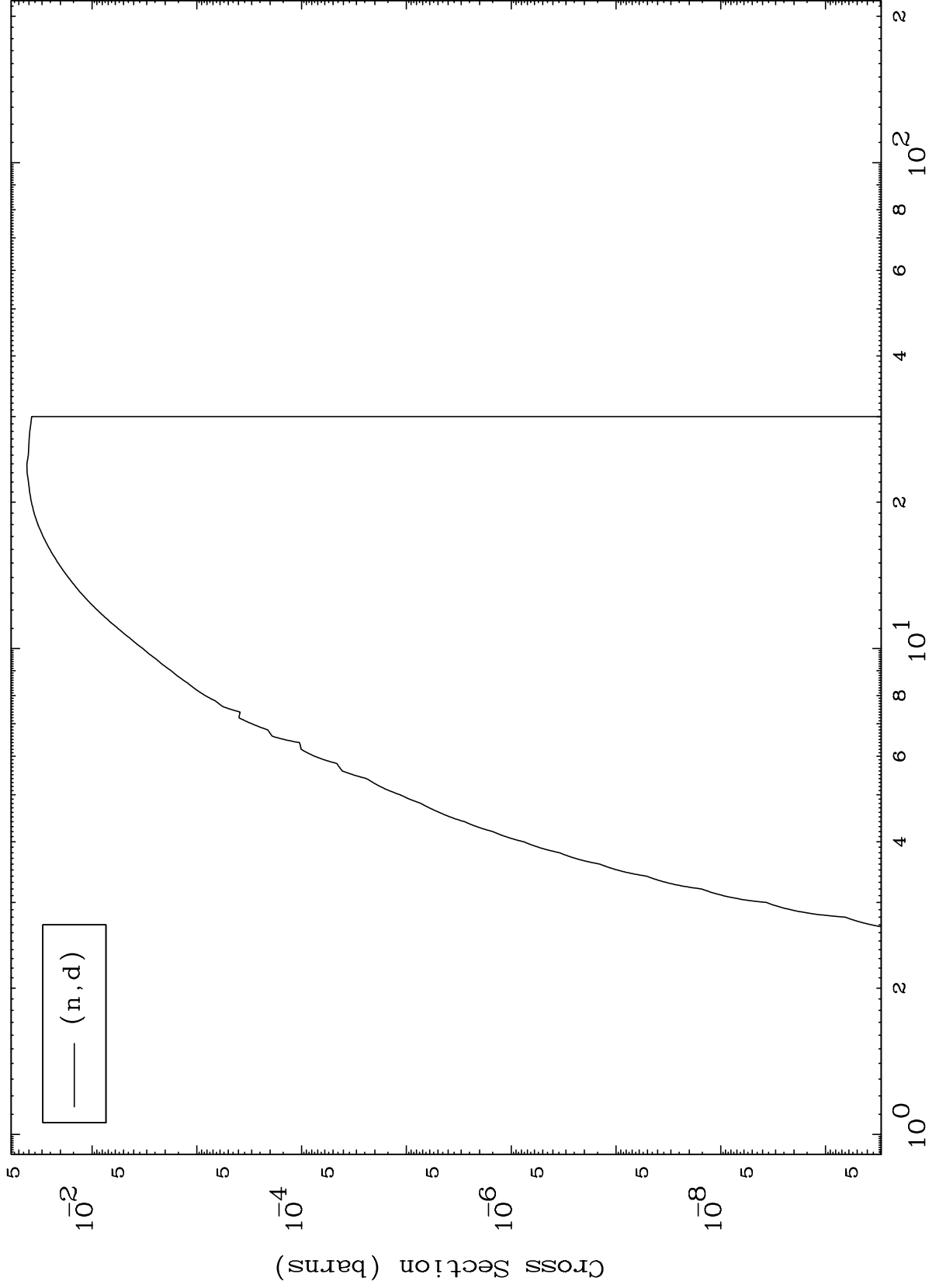
Incident Energy (MeV)

41-Nb-87

MAT 4107

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-87



11

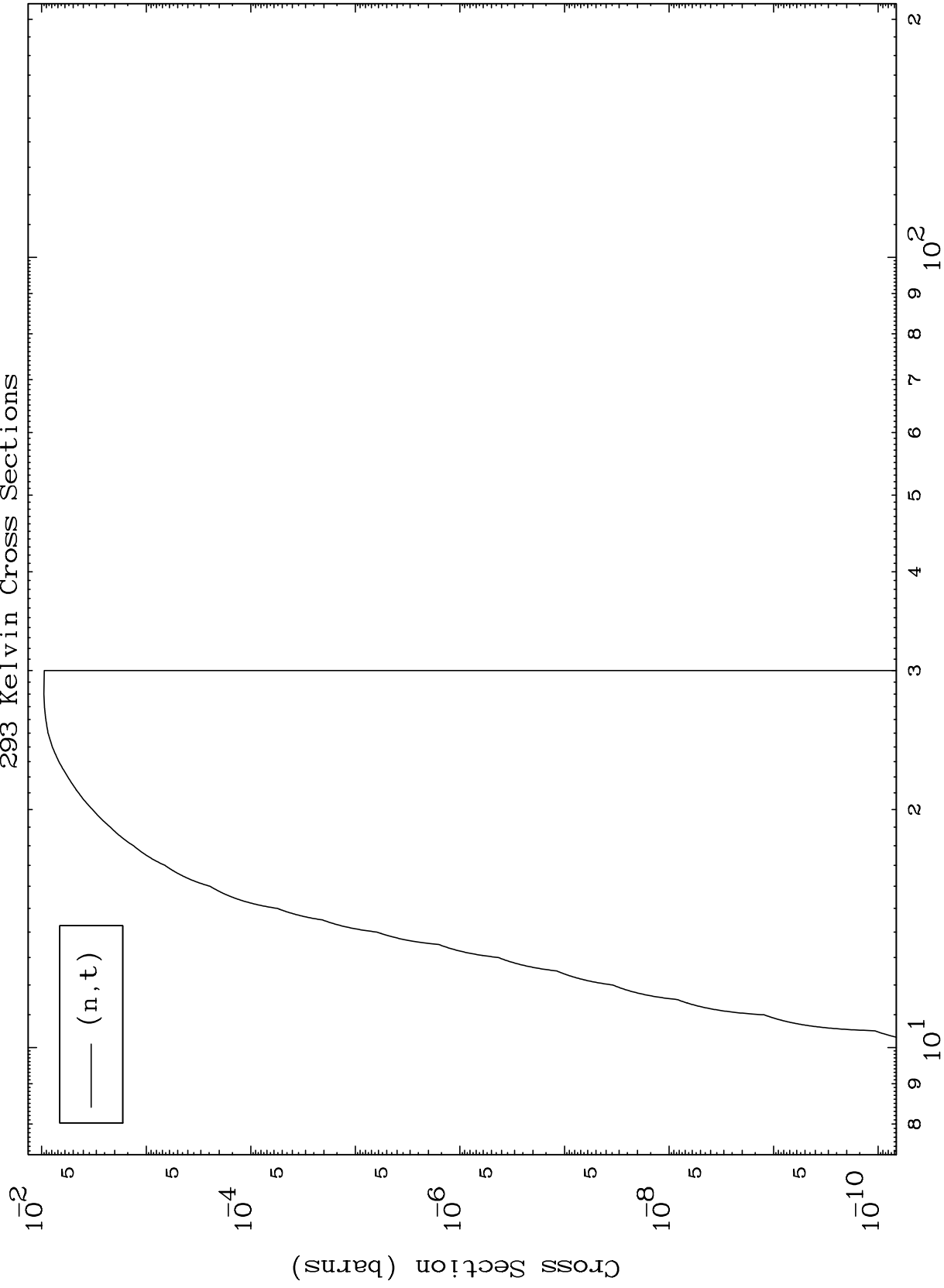
Incident Energy (MeV)

41-Nb-87

MAT 4107

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-87



12

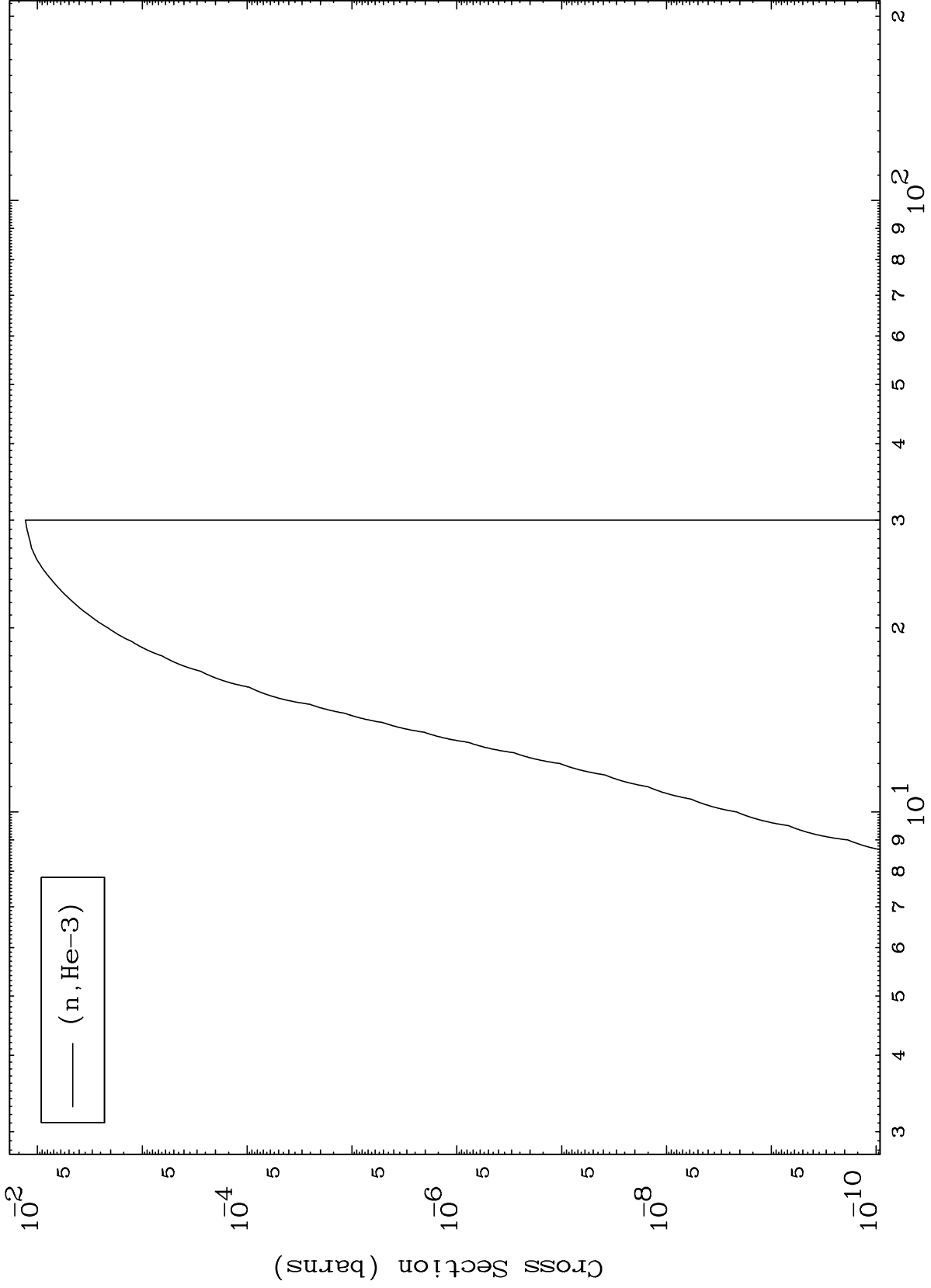
Incident Energy (MeV)

41-Nb-87

MAT 4107

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-87



13

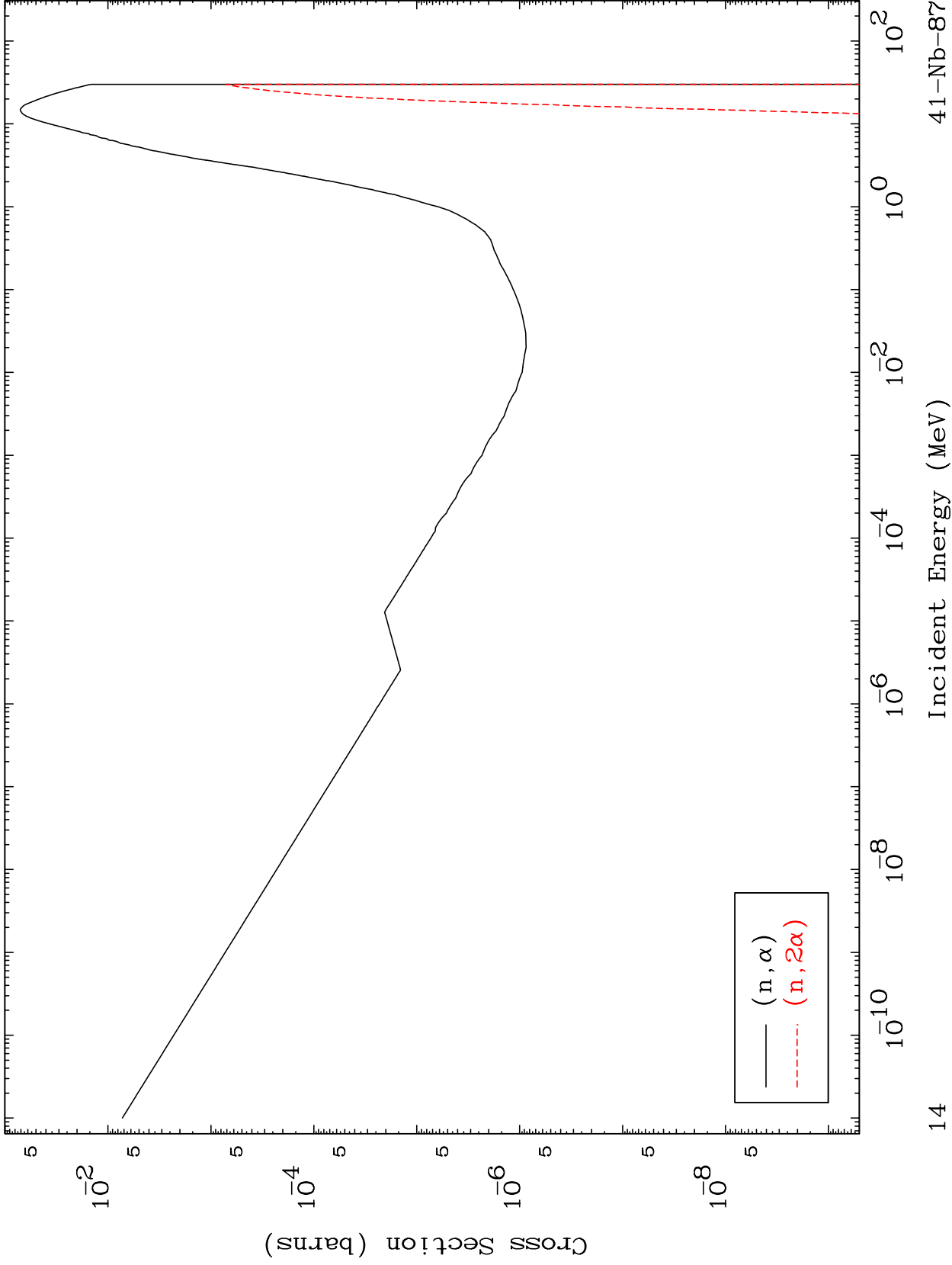
Incident Energy (MeV)

41-Nb-87

MAT 4107

(n,α) Levels
293 Kelvin Cross Sections

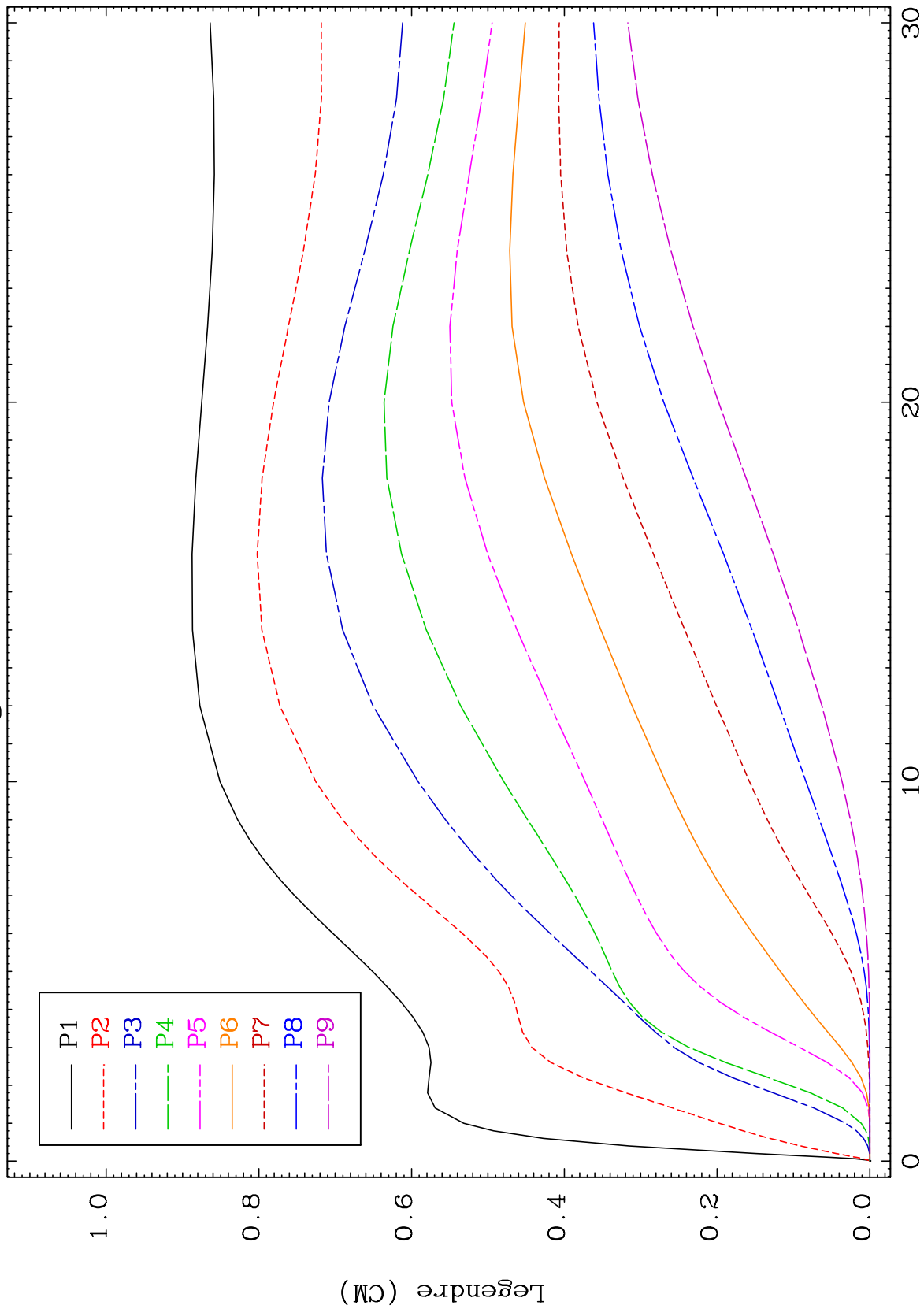
41-Nb-87



MAT 4107

Elastic Legendre Coefficients

41-Nb-87



15

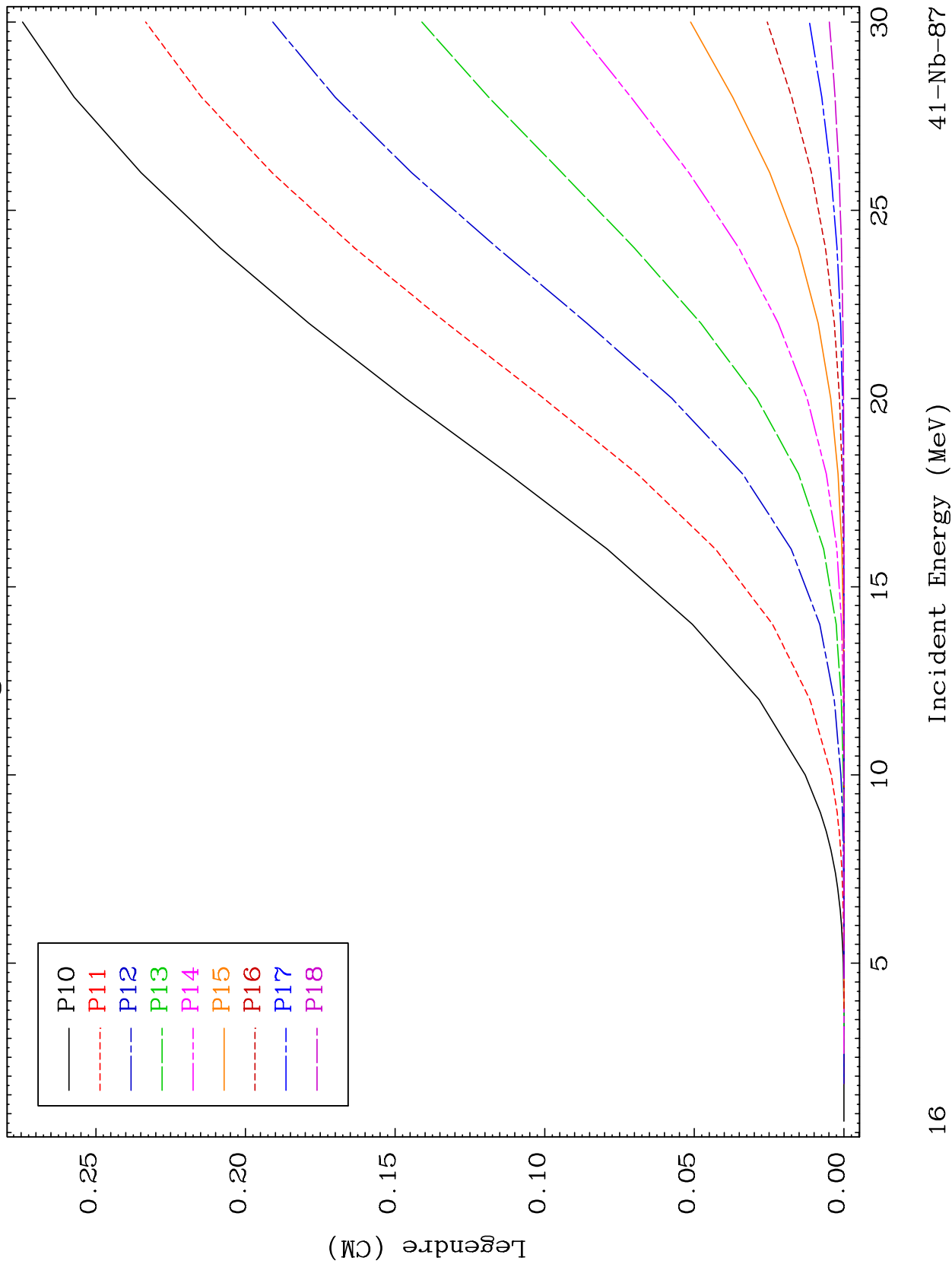
Incident Energy (MeV)

41-Nb-87

MAT 4107

Elastic Legendre Coefficients

41-Nb-87



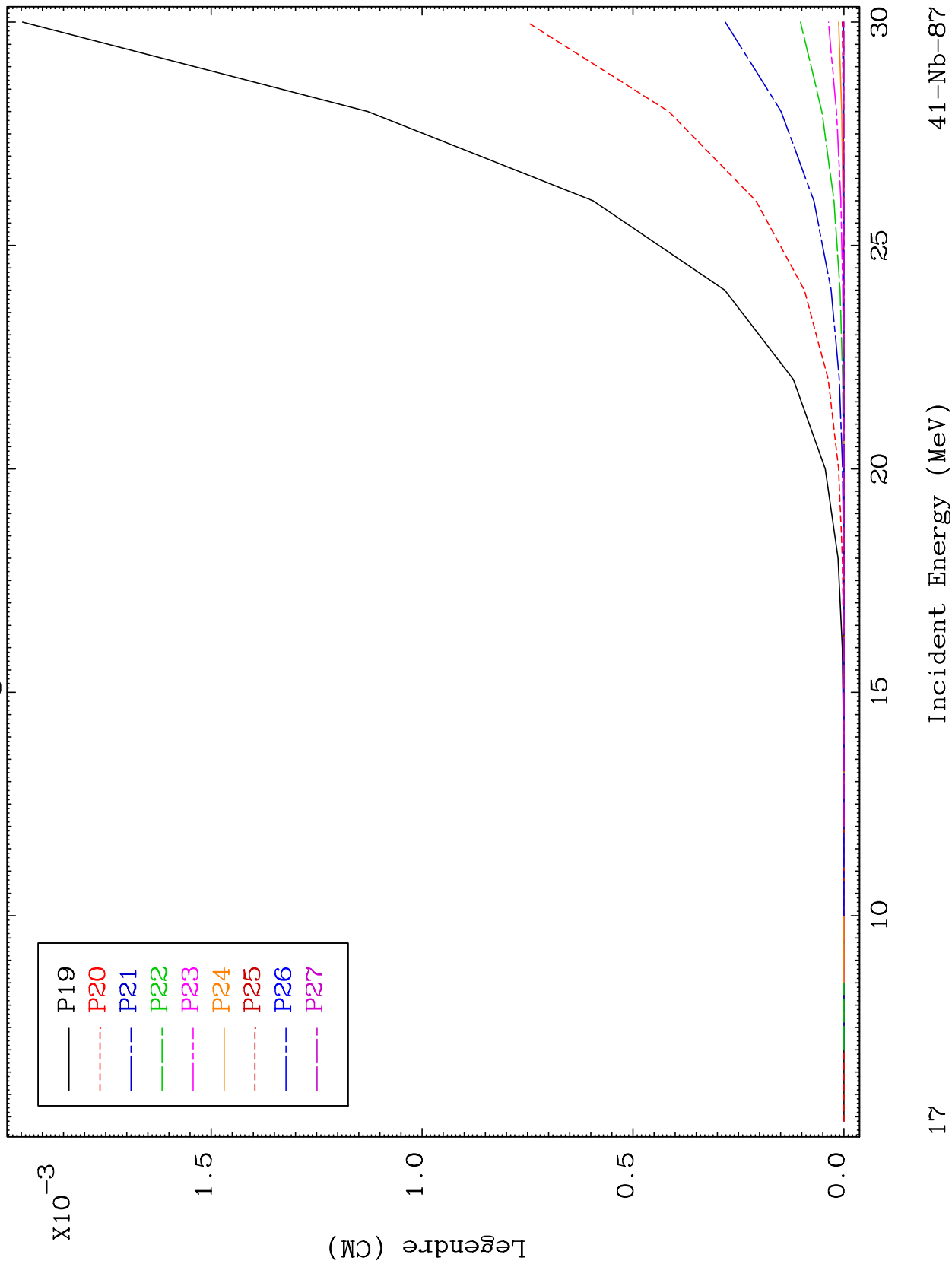
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41-Nb-87

MAT 4107

Elastic
Legendre Coefficients

41-Nb-87



17

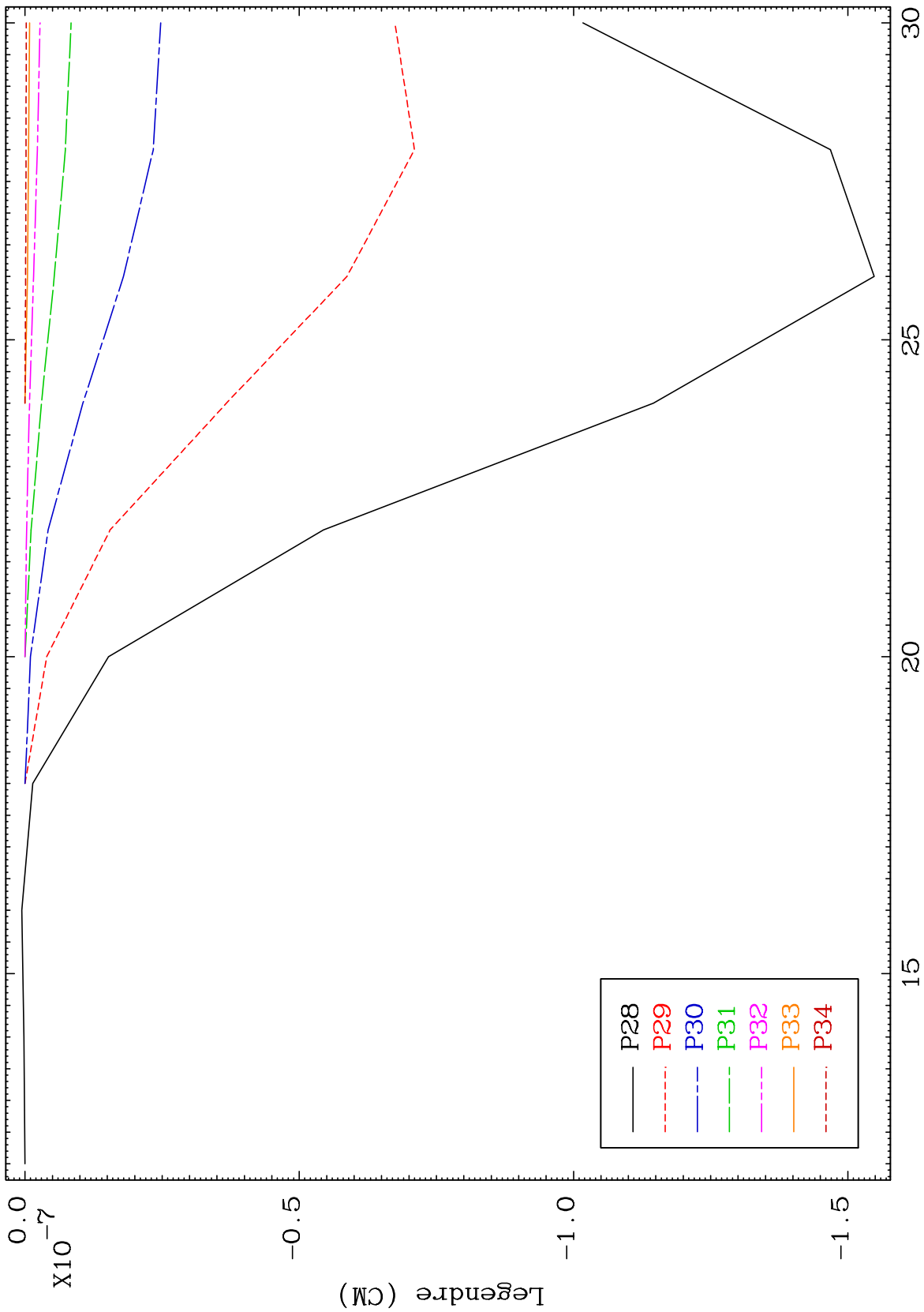
Incident Energy (MeV)

41-Nb-87

MAT 4107

41-Nb-87

Elastic Legendre Coefficients



18

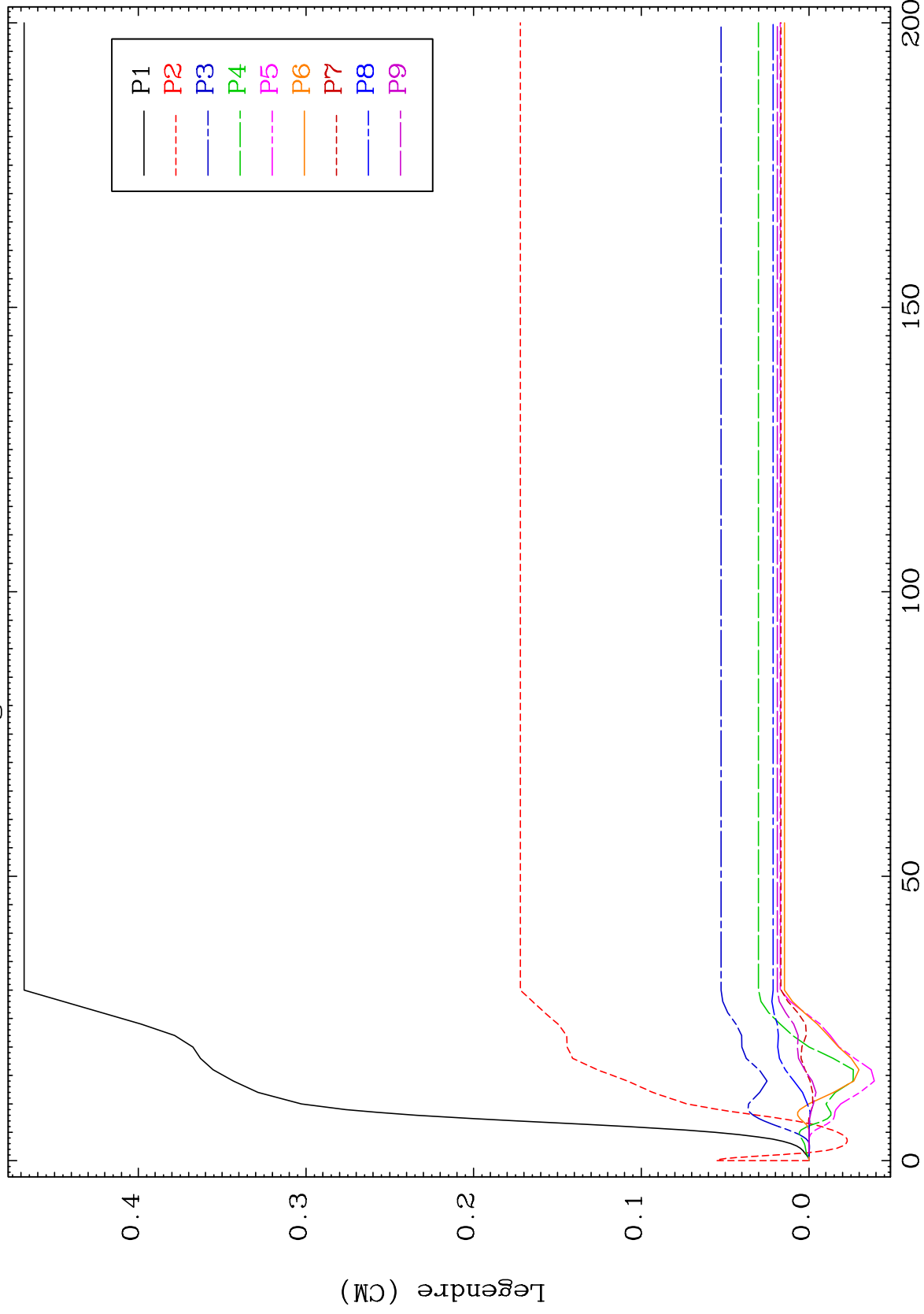
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



19

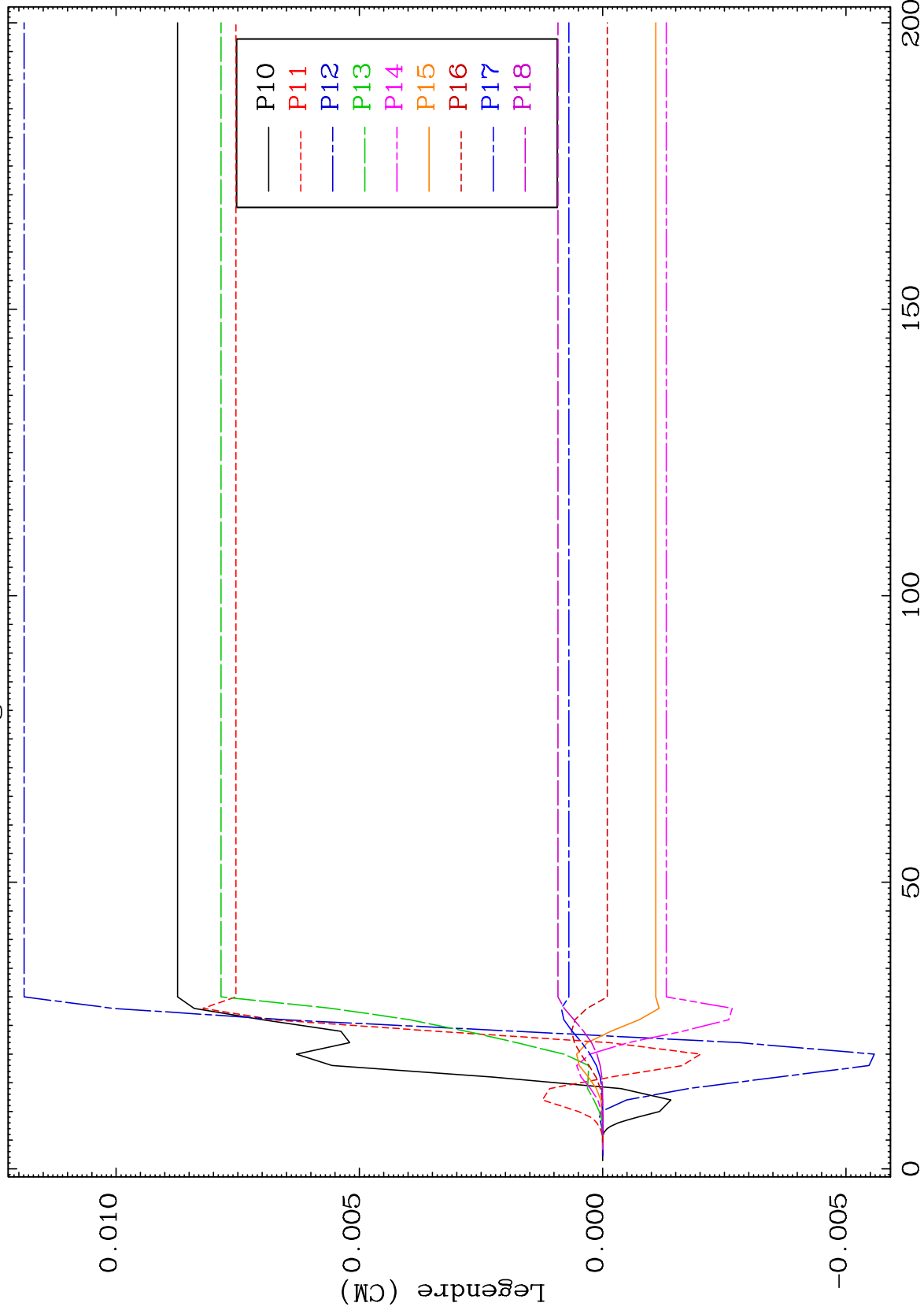
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



20

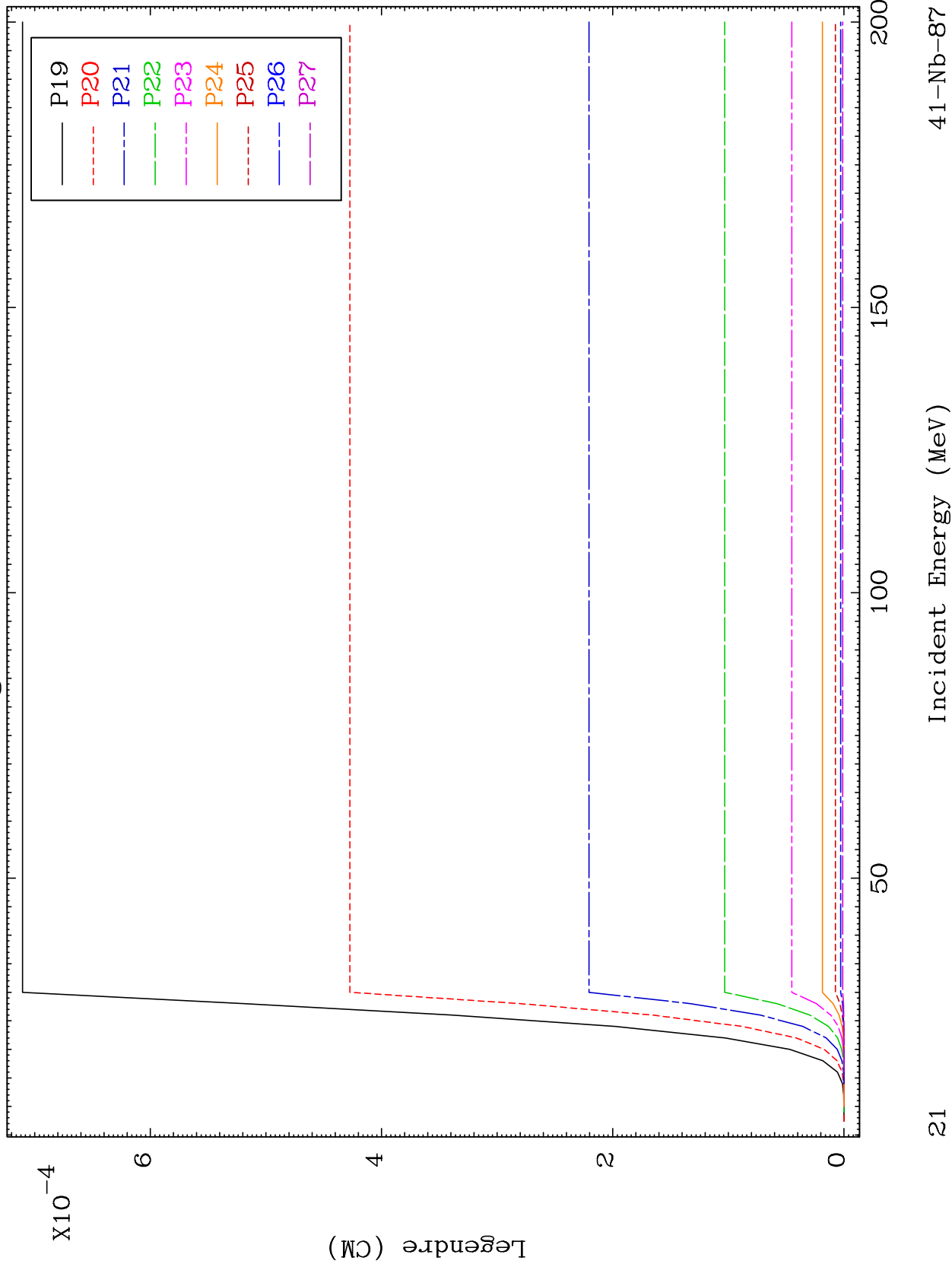
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87

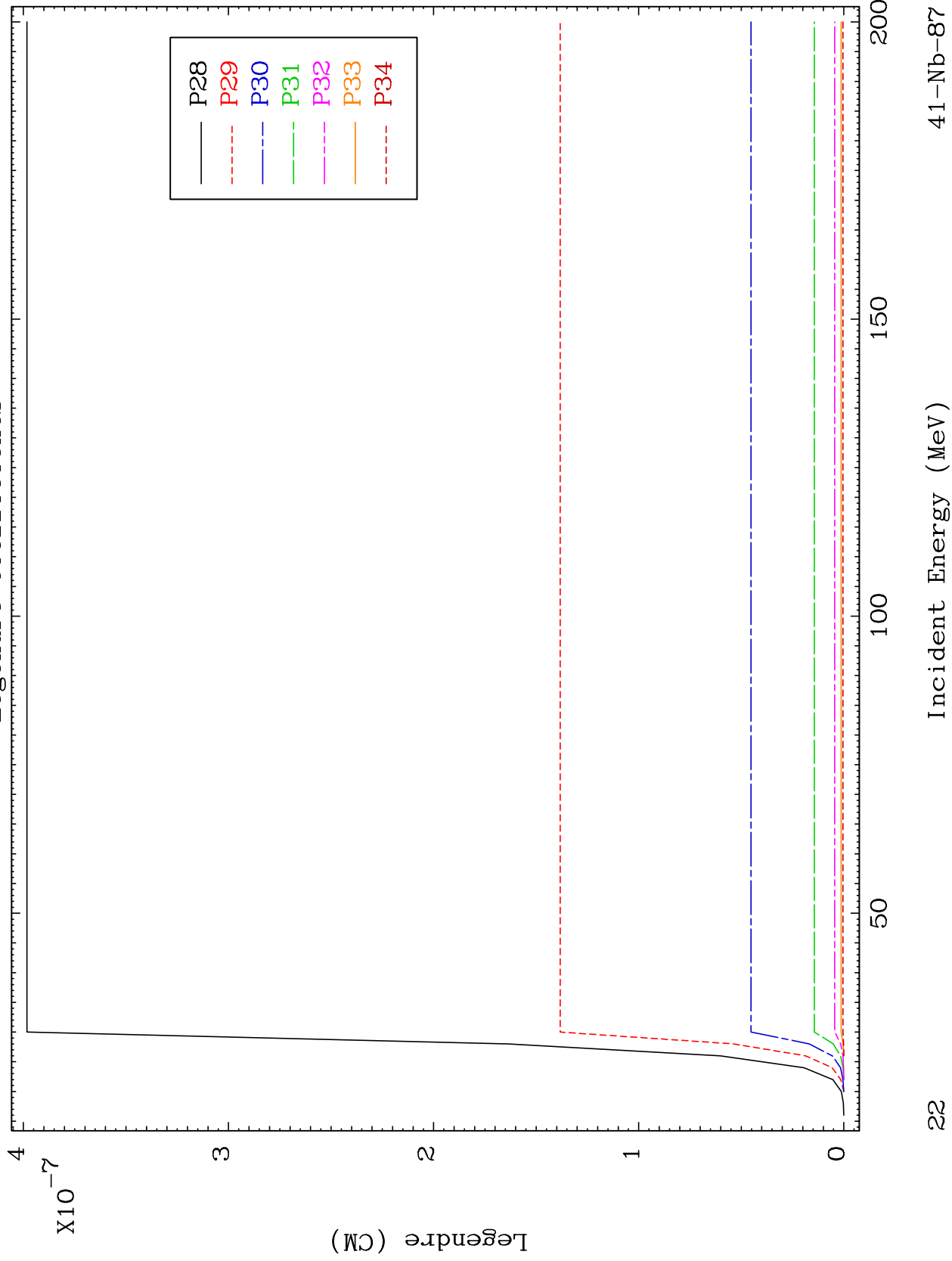


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MAT 4107

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

41-Nb-87



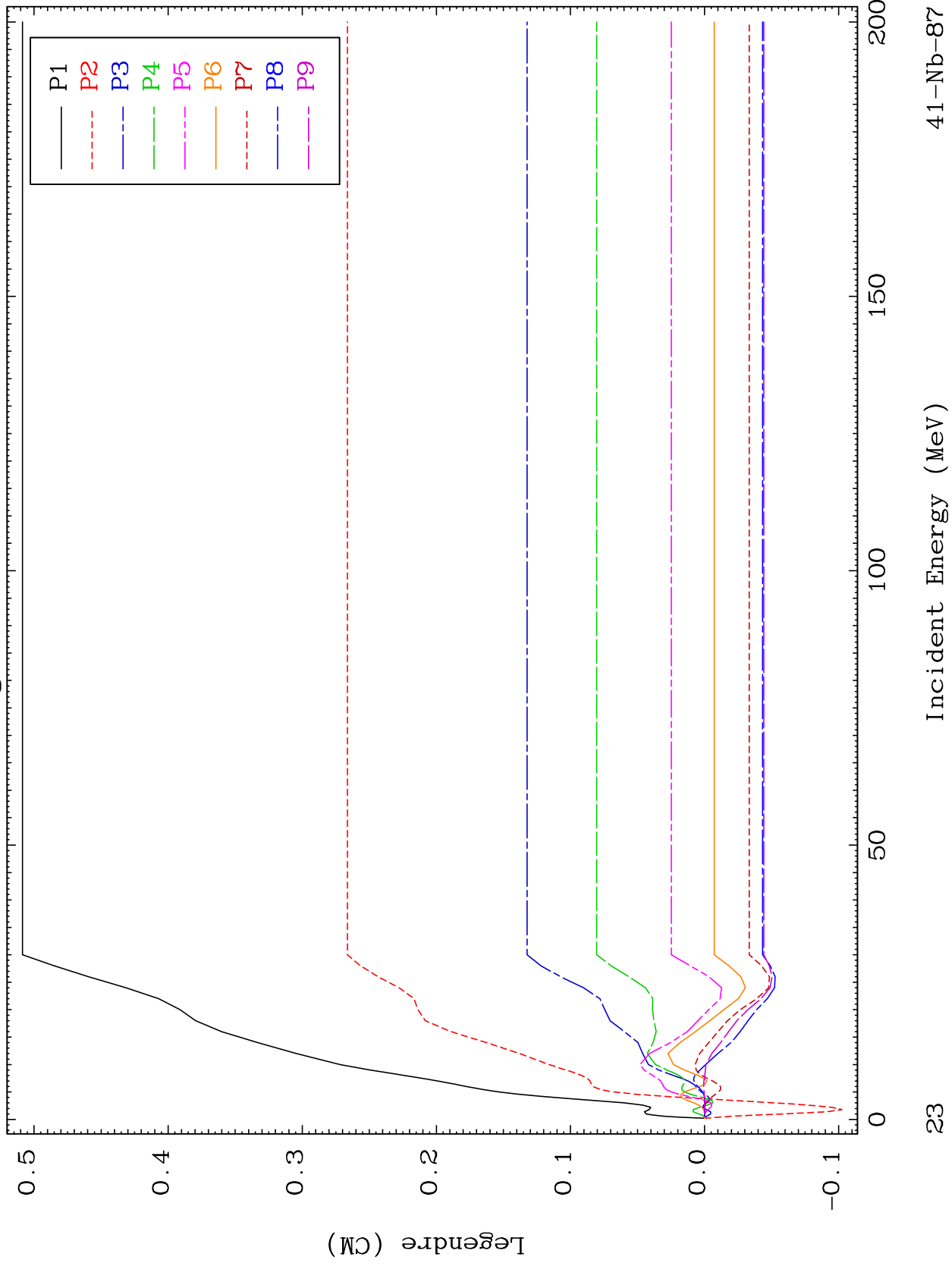
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41-Nb-87

MAT 4107

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

41-Nb-87



41-Nb-87

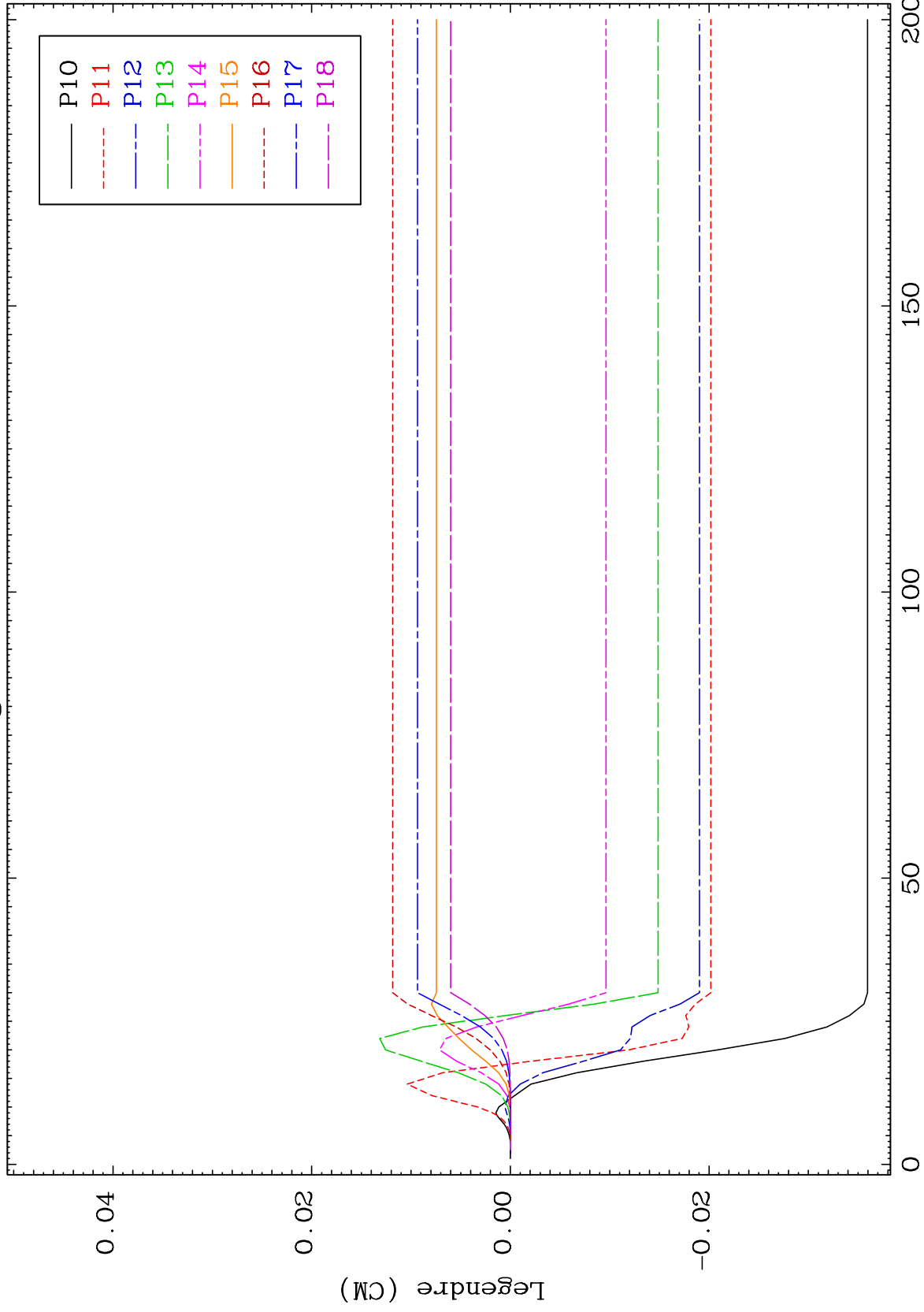
Incident Energy (MeV)

23

MAT 4107

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

41-Nb-87



24

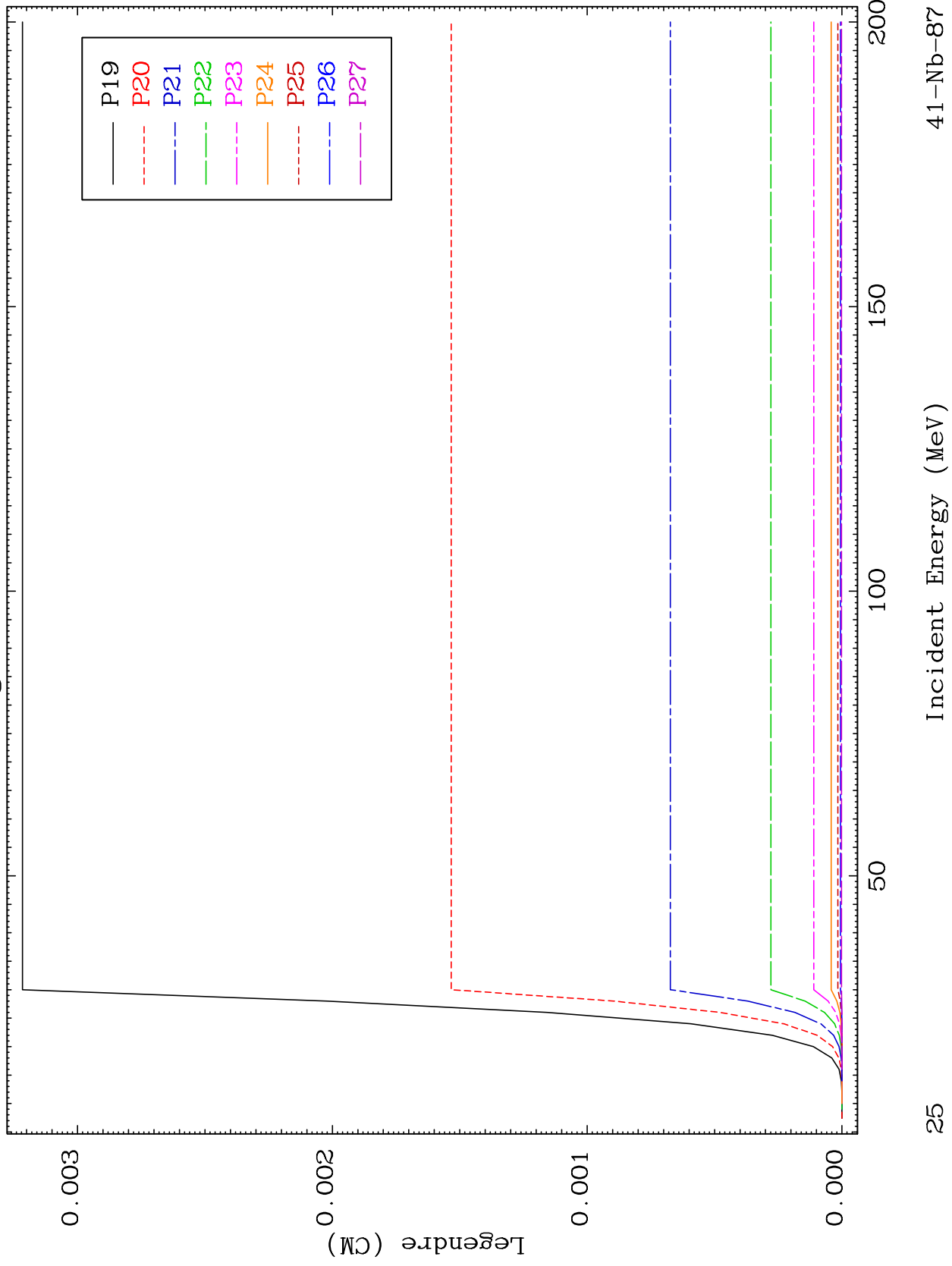
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



25

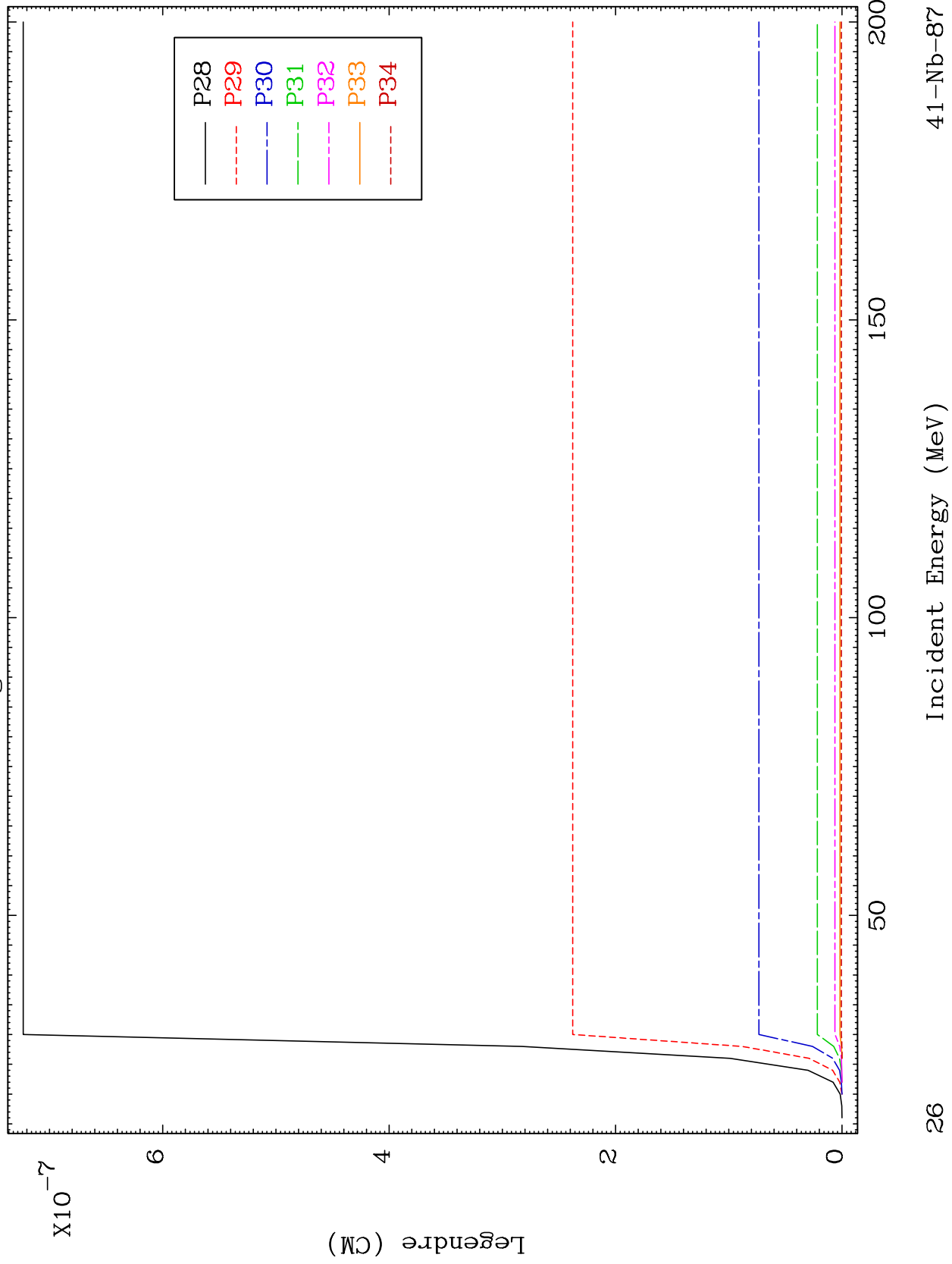
Incident Energy (MeV)

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MAT 4107

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

41-Nb-87



26

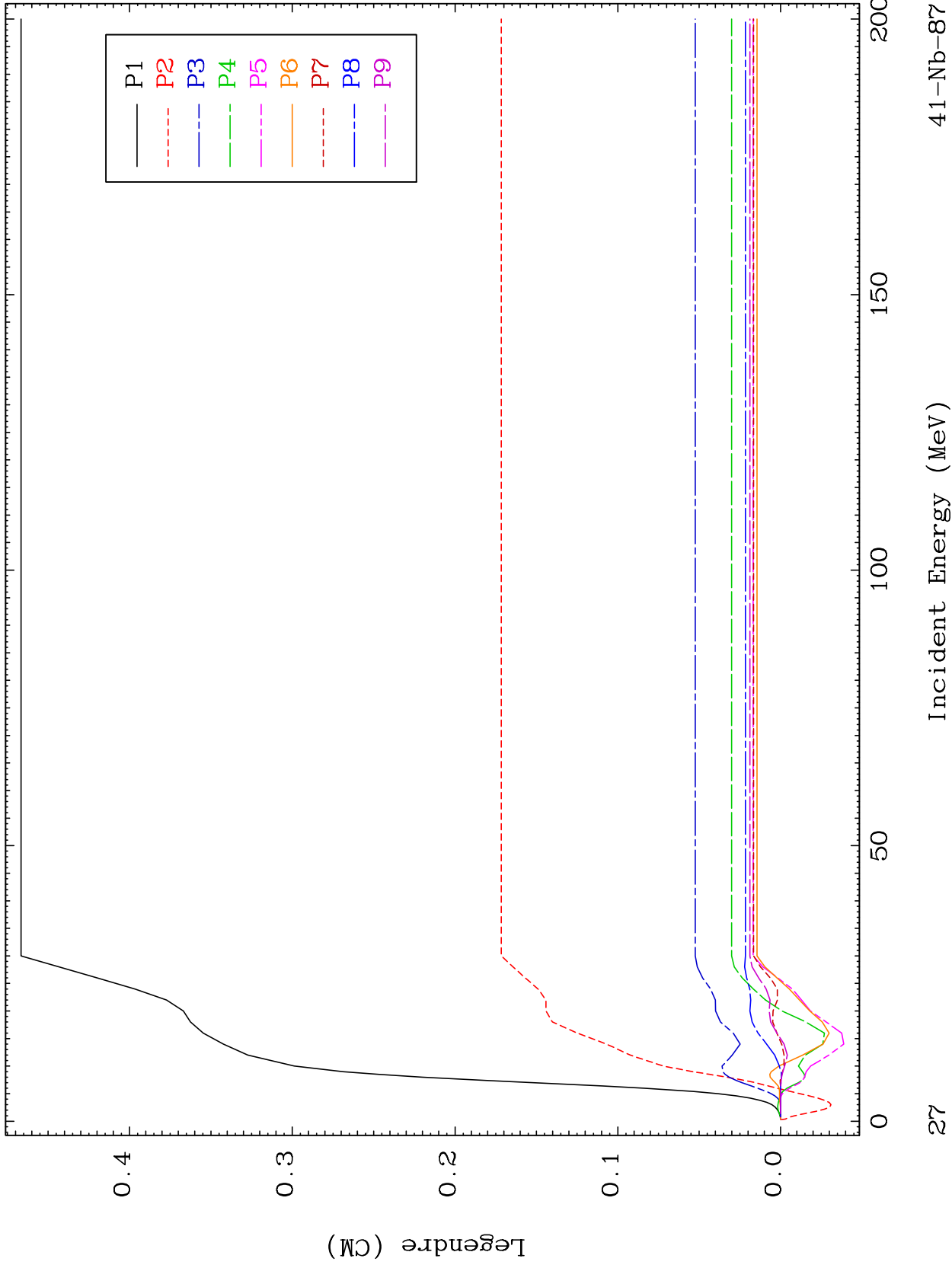
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



41-Nb-87

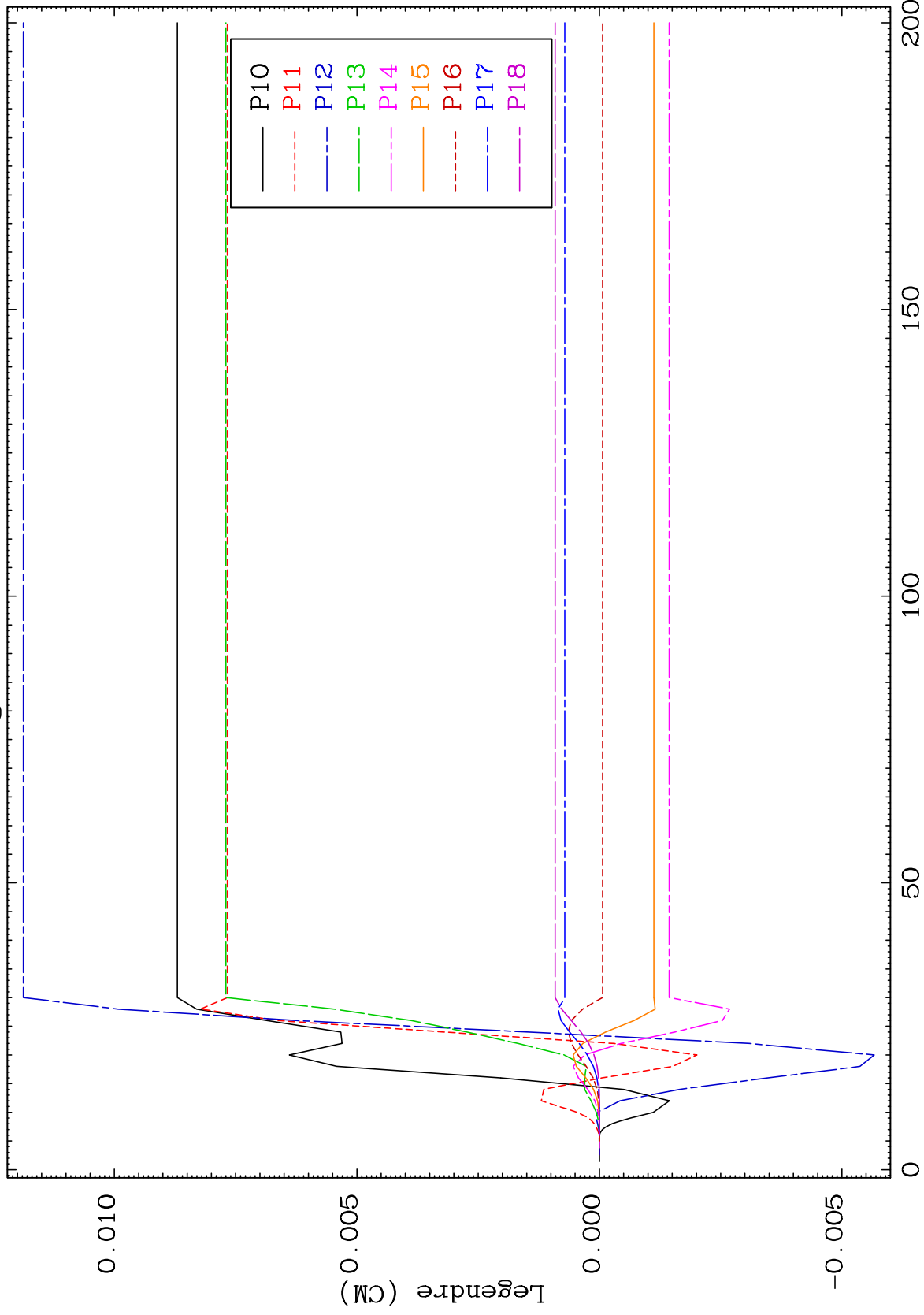
Incident Energy (MeV)

27

MAT 4107

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

41-Nb-87



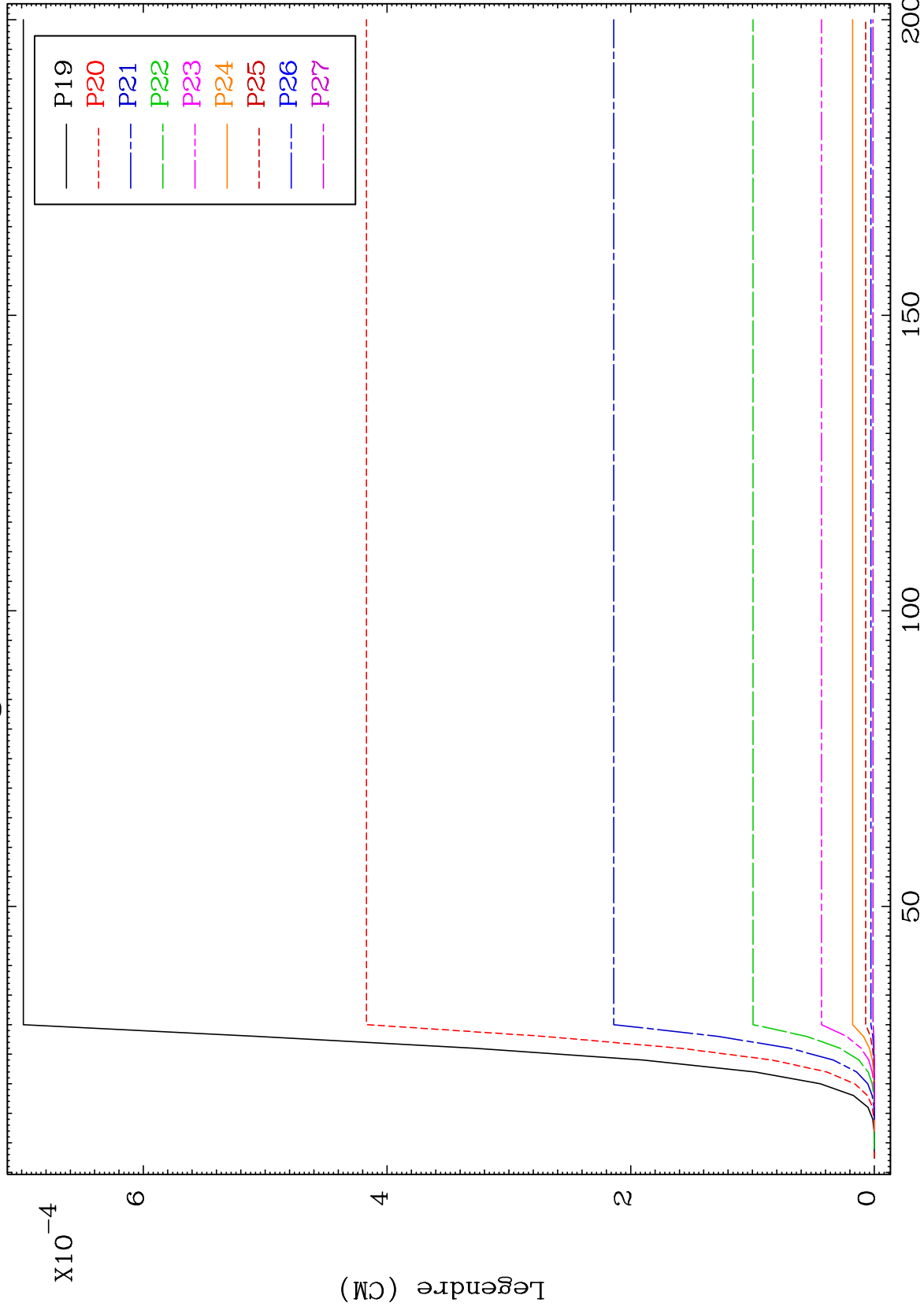
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41-Nb-87

MAT 4107

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

41-Nb-87



29

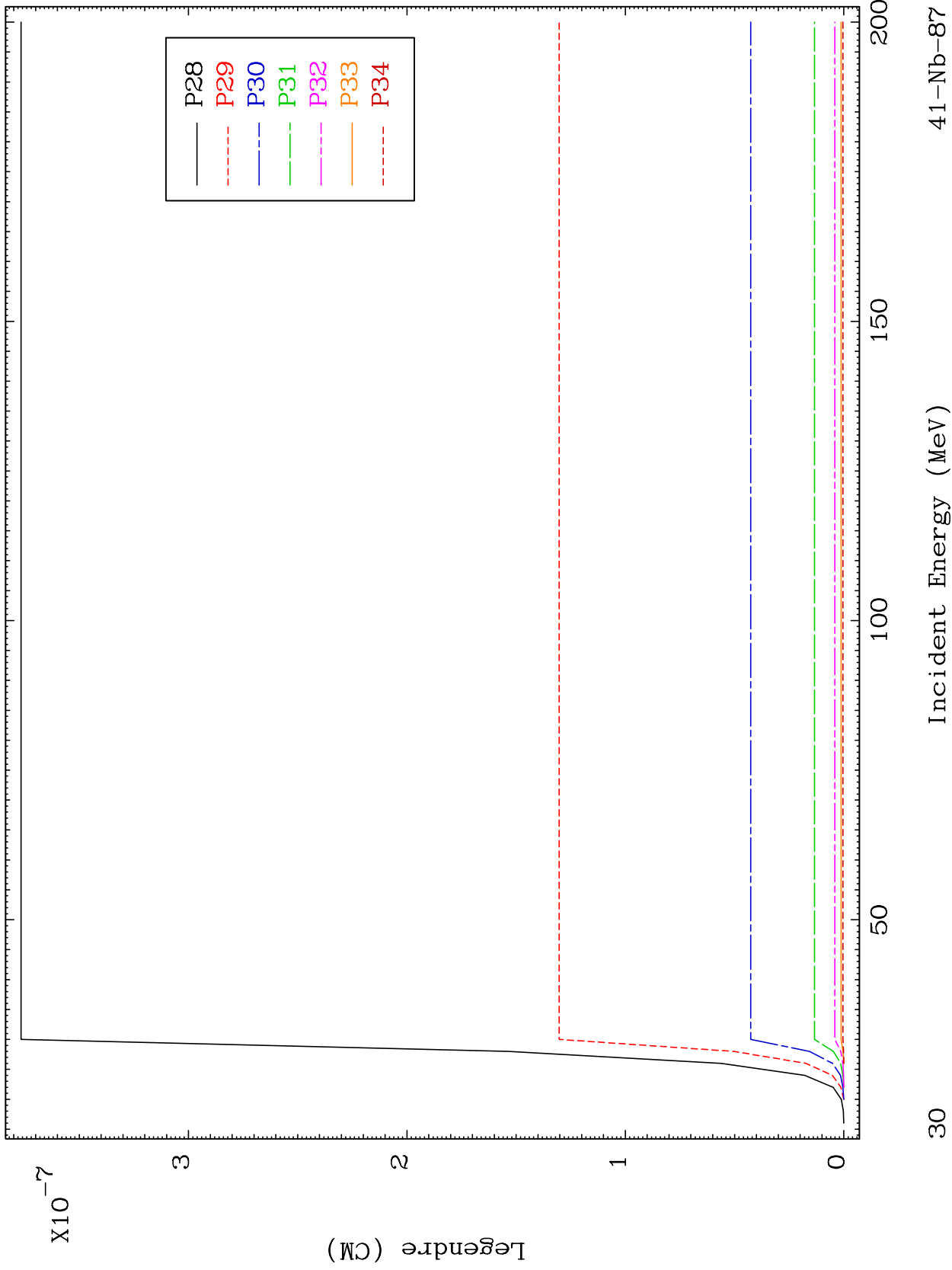
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

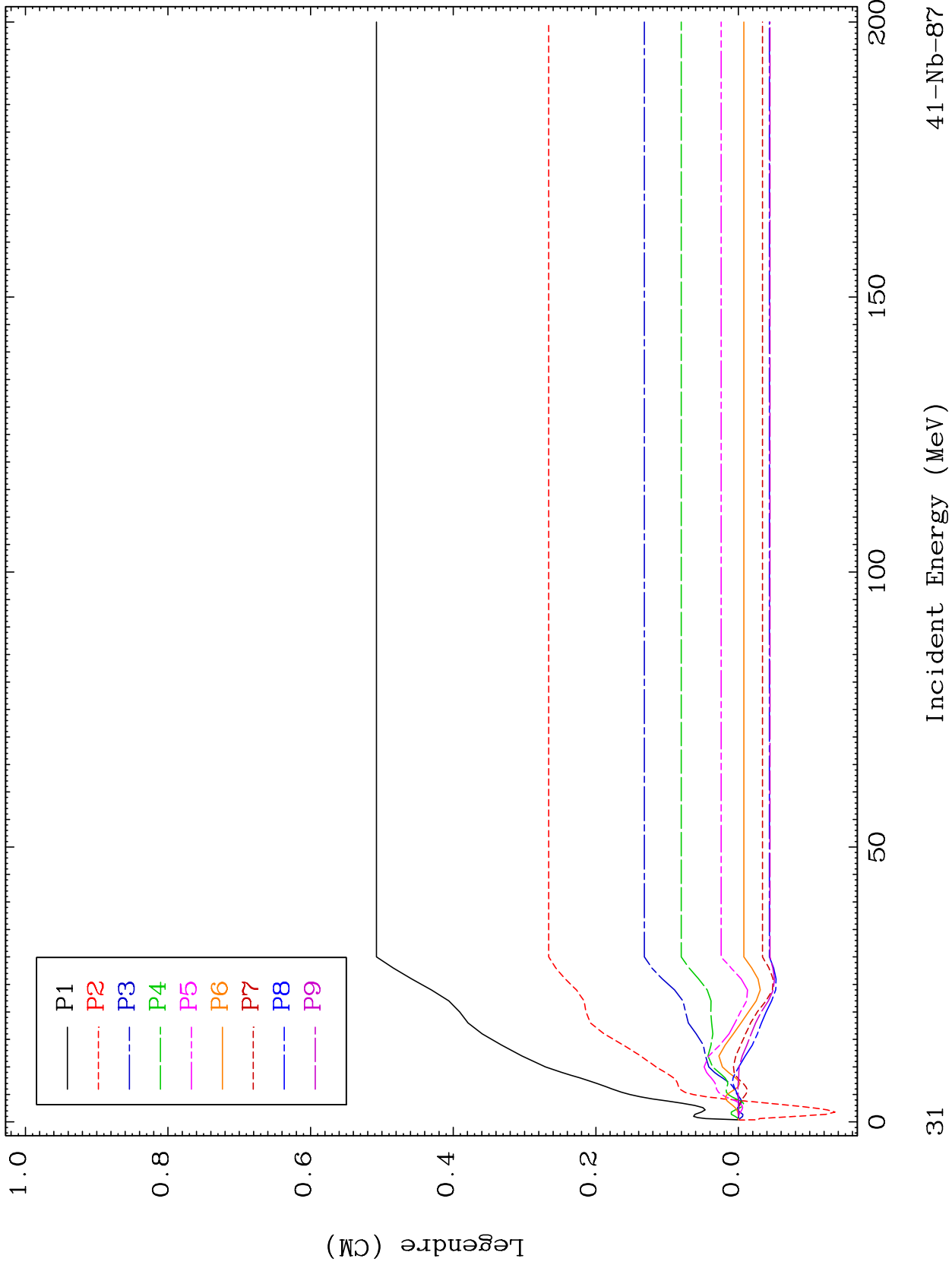
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MAT 4107

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

41-Nb-87



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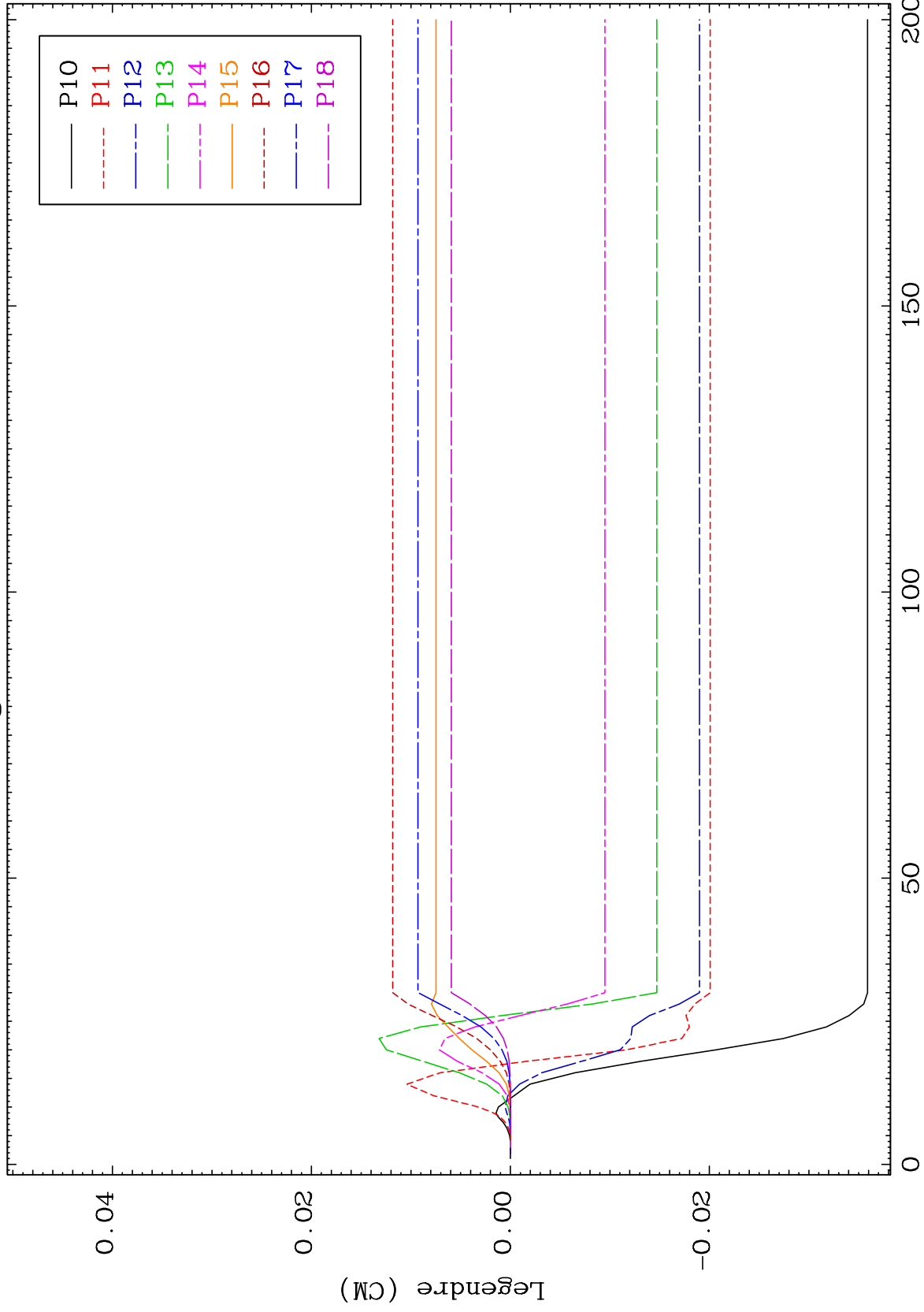
Incident Energy (MeV)

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MAT 4107

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

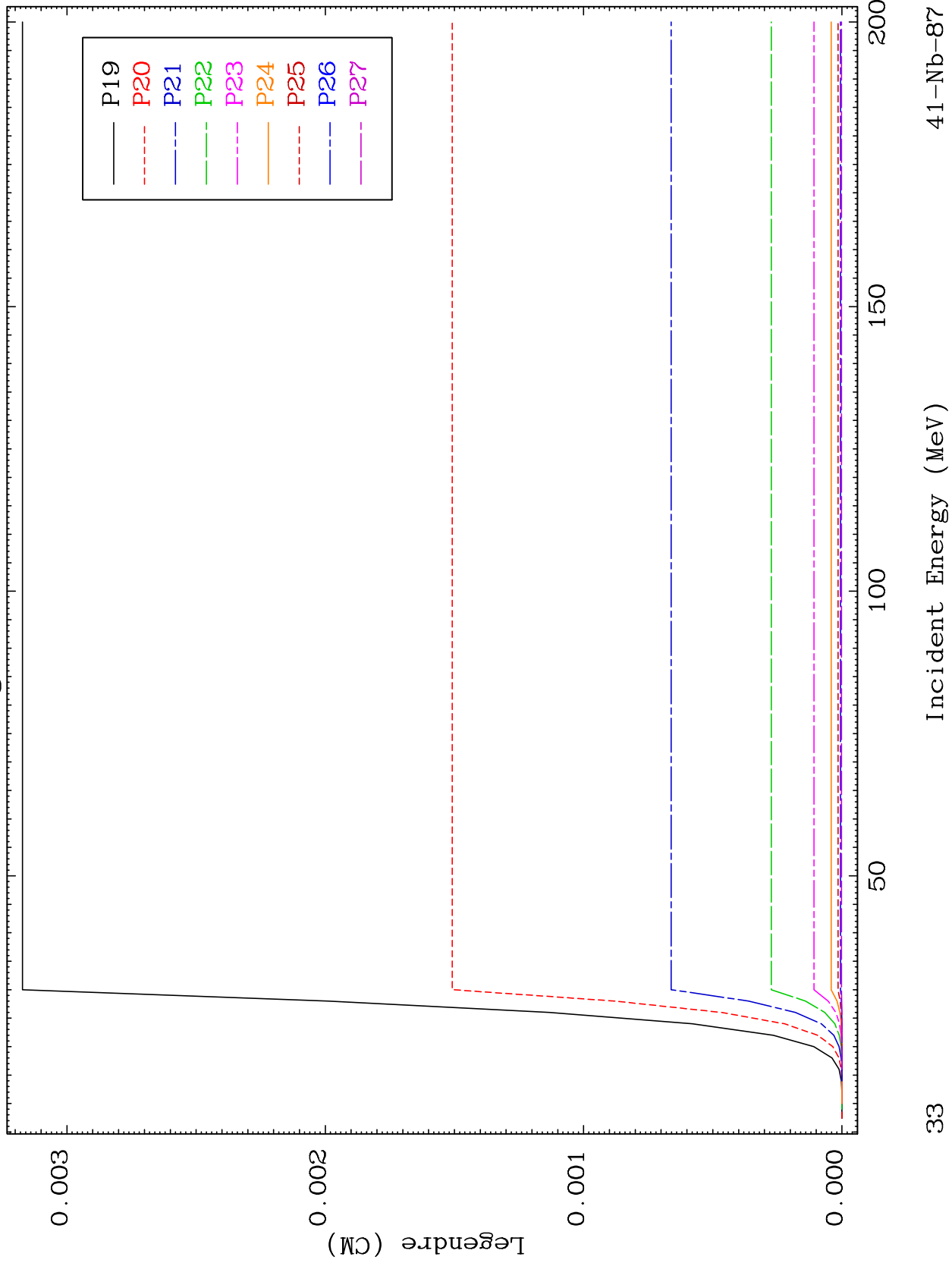
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32

Incident Energy (MeV)

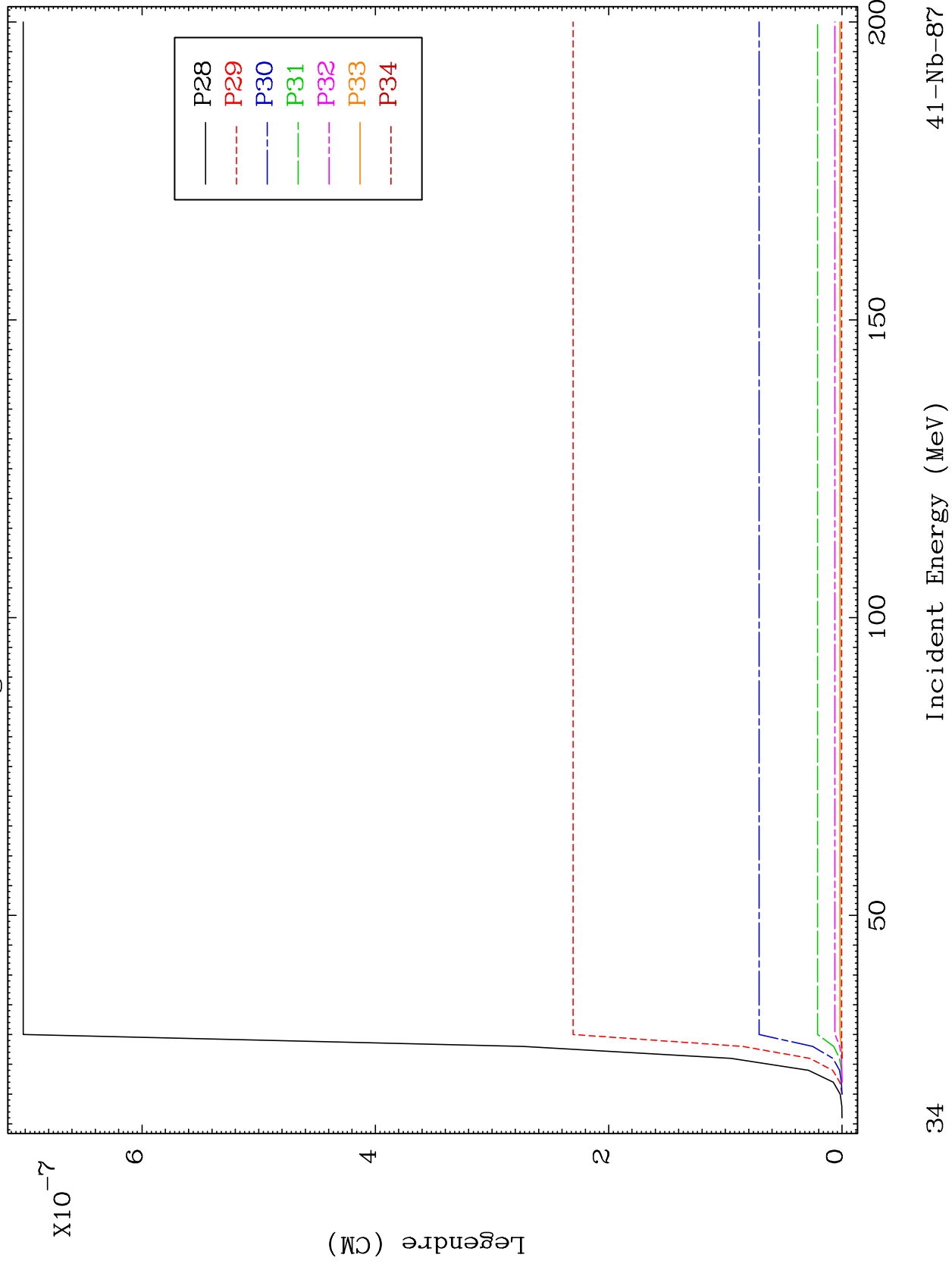
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MAT 4107

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

41-Nb-87

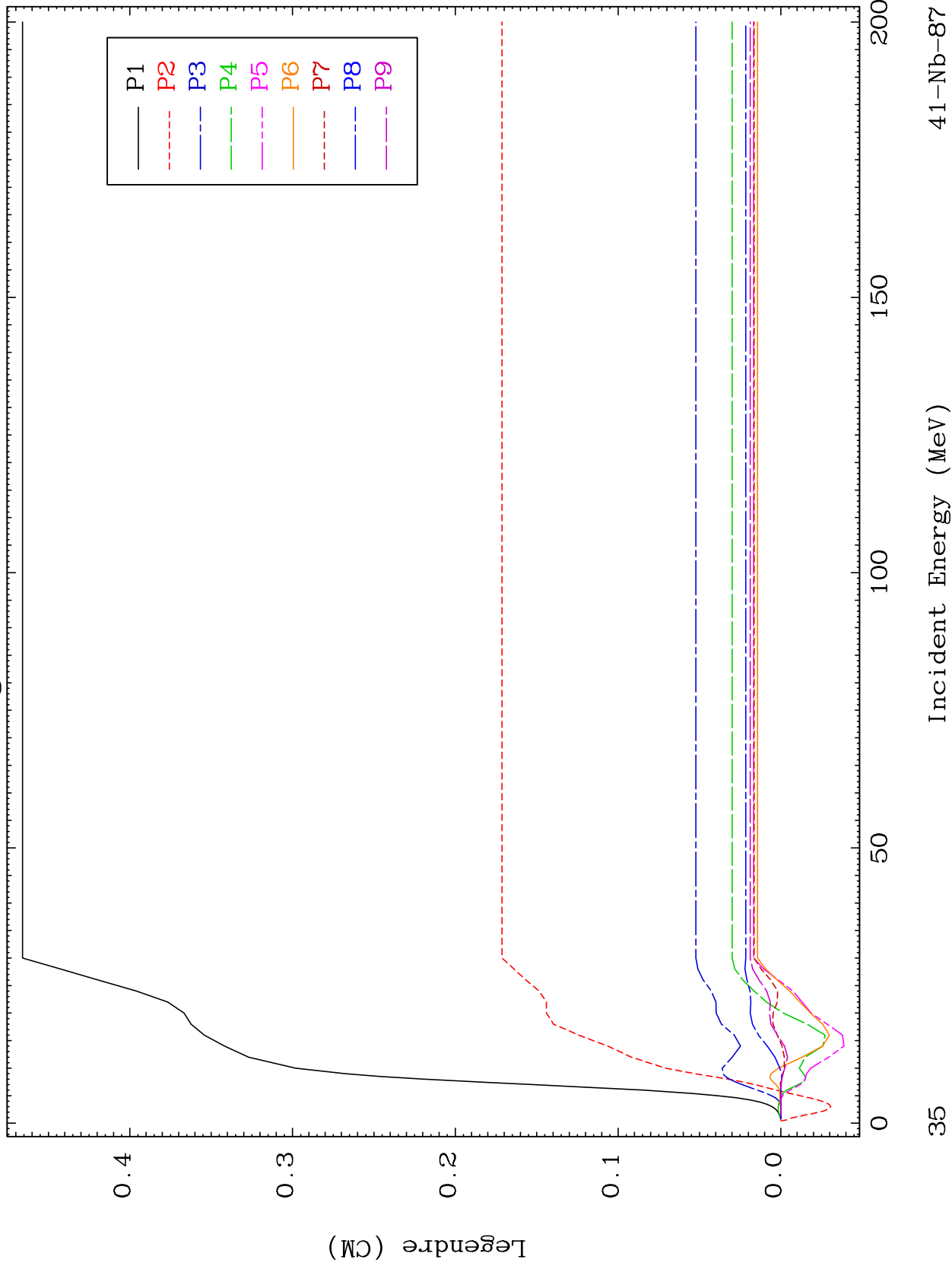


34

MAT 4107

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

41-Nb-87



41-Nb-87

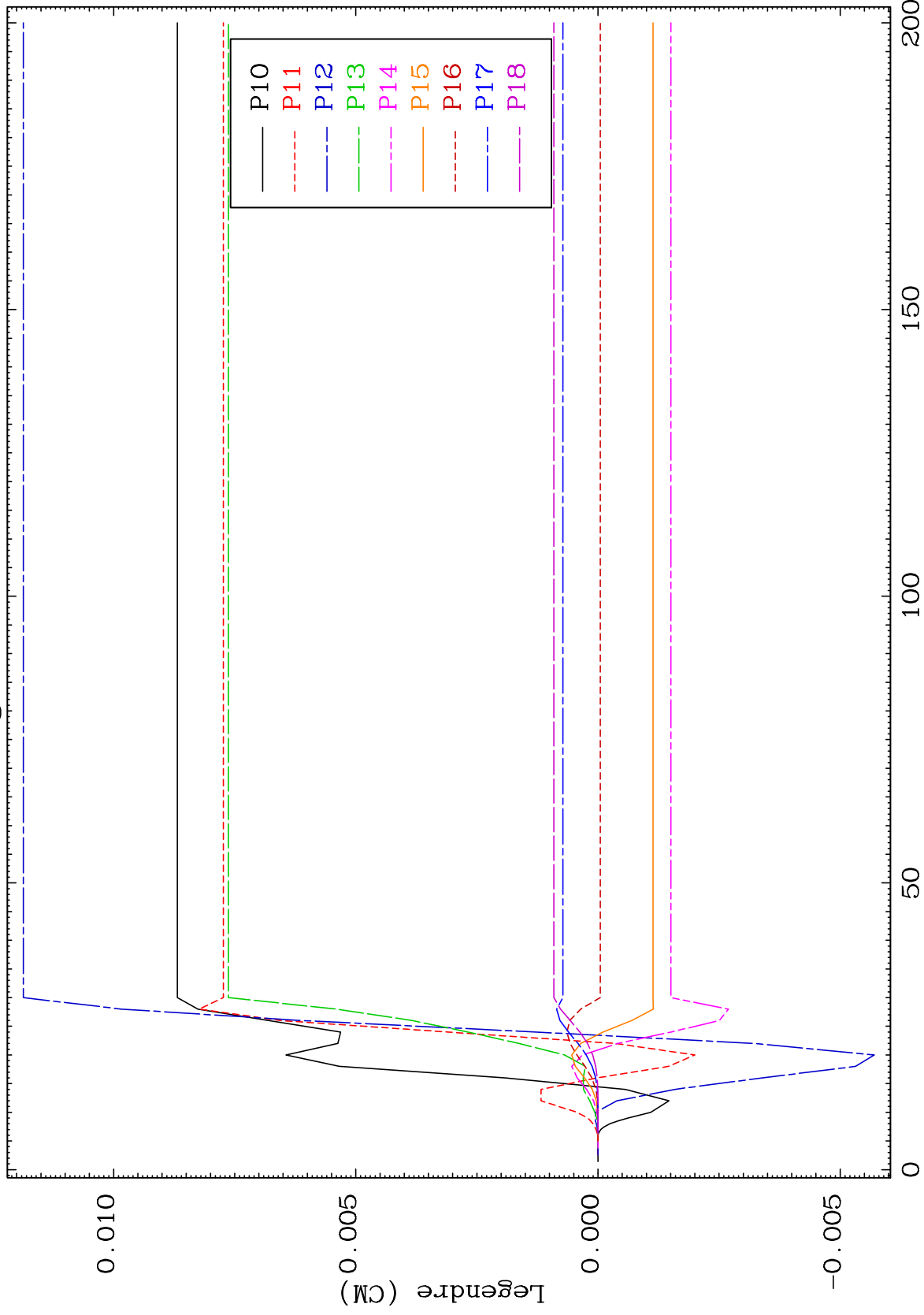
Incident Energy (MeV)

35

MAT 4107

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

41-Nb-87



36

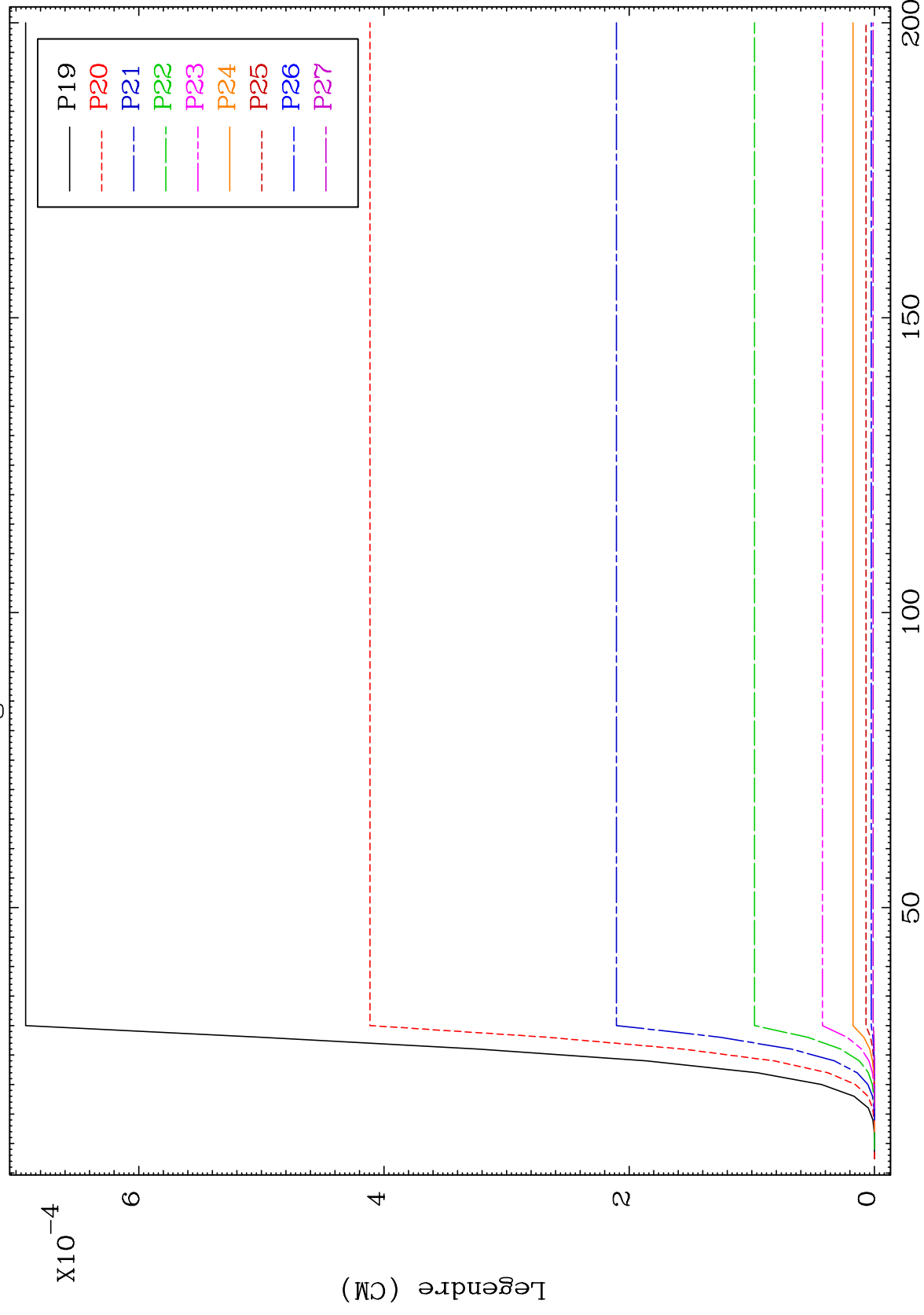
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



37

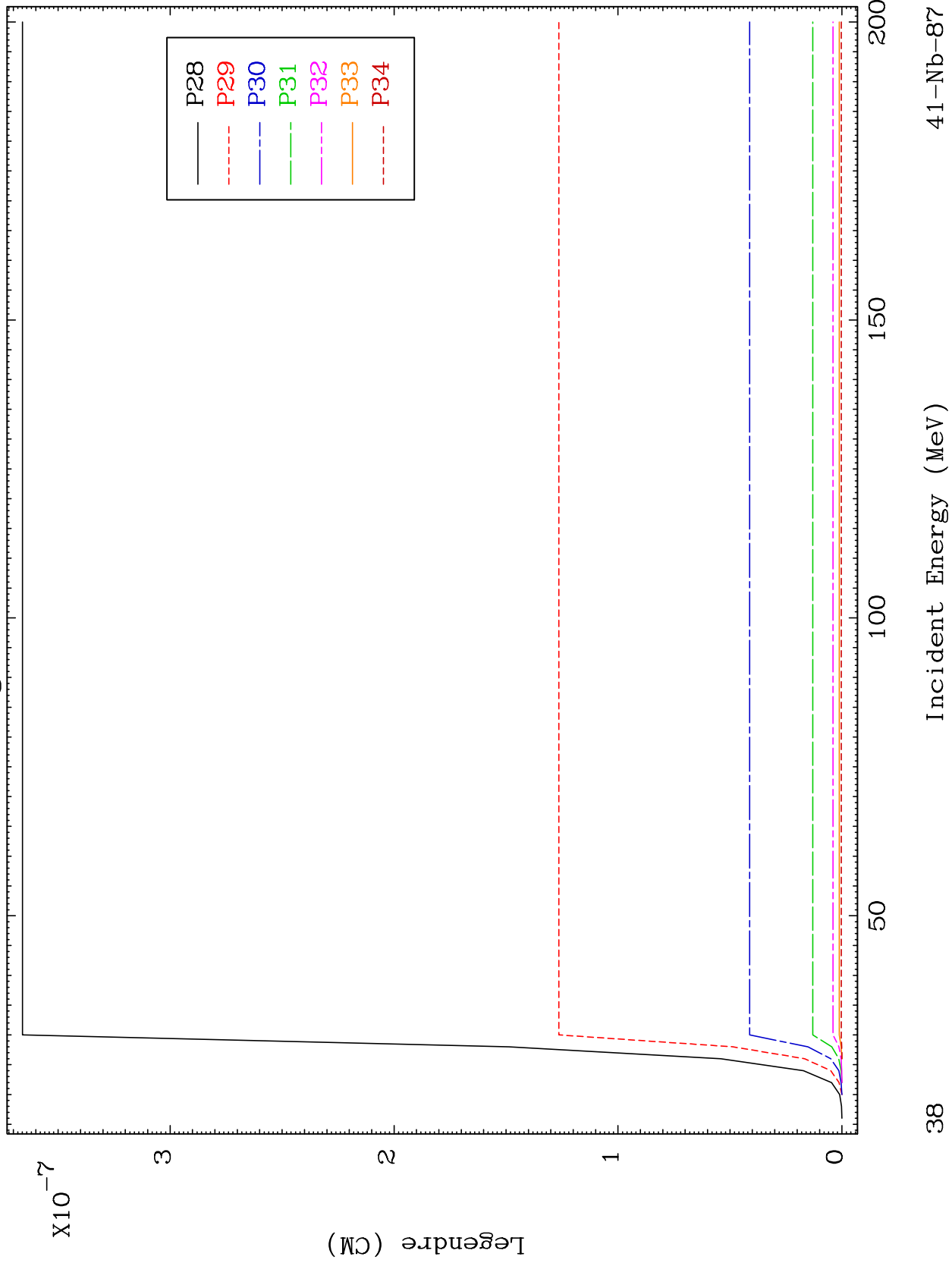
Incident Energy (MeV)

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MAT 4107

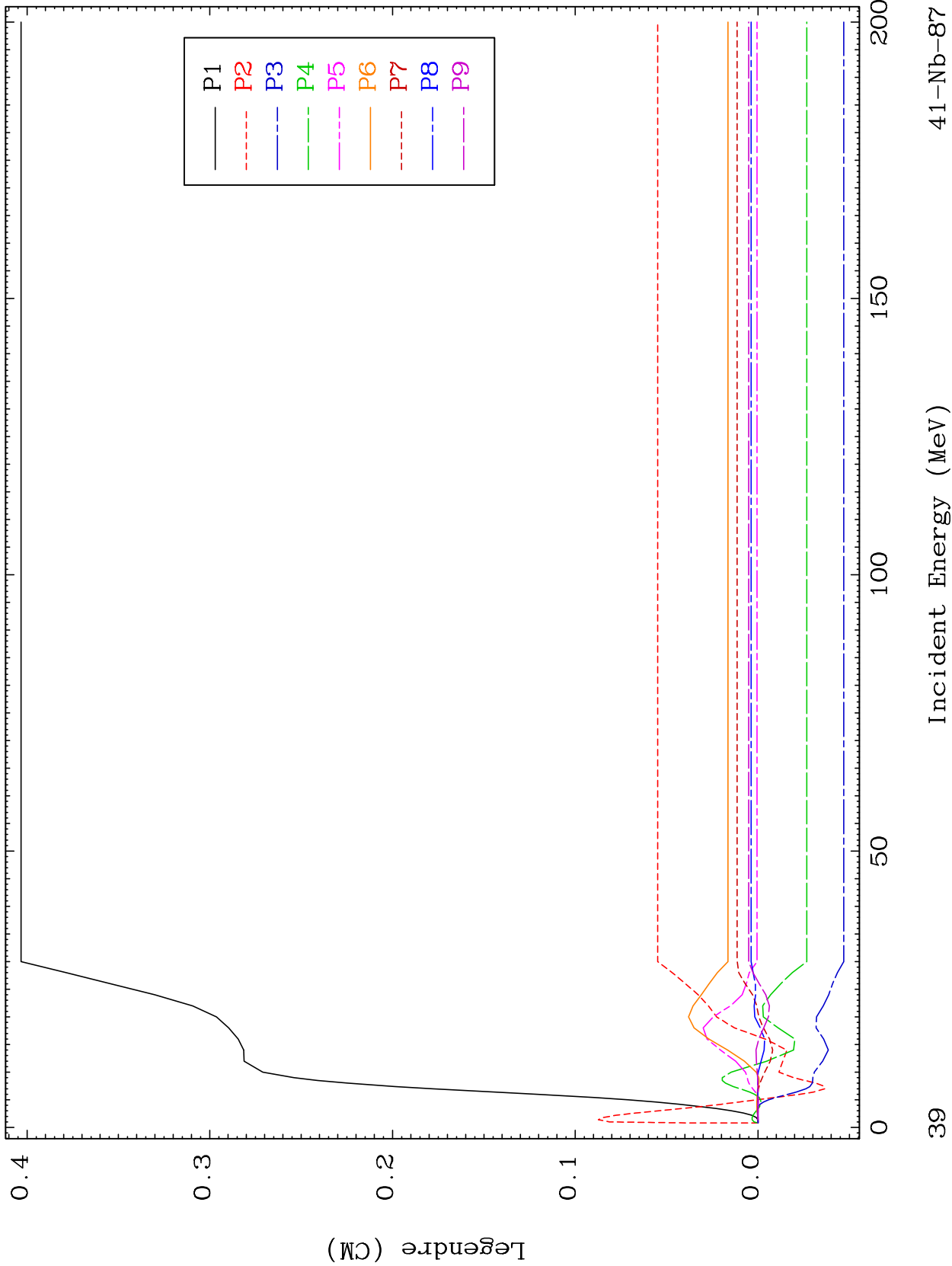
MT= 55 (n,n') Level
Legendre Coefficients

41-Nb-87



38

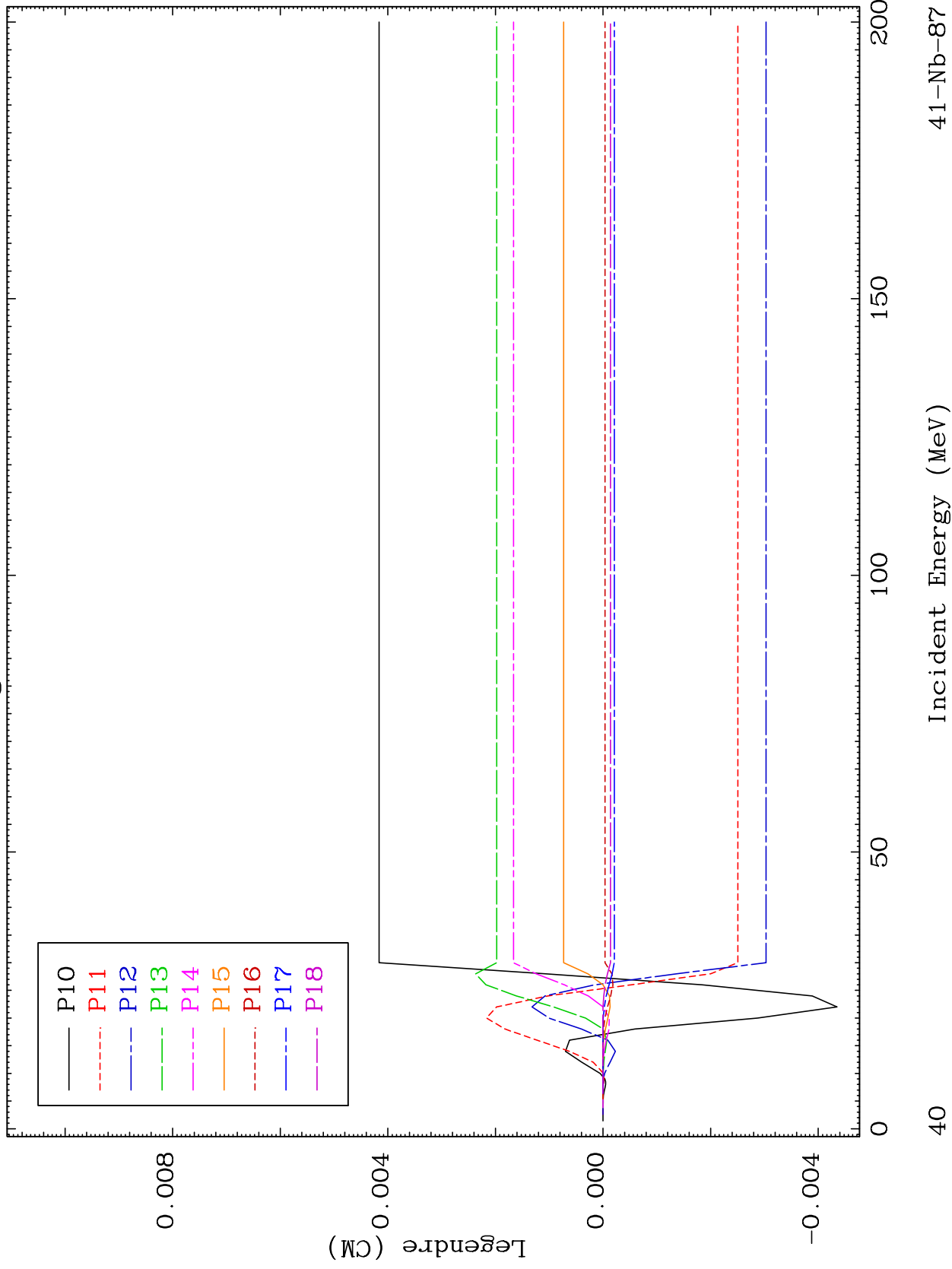
41-Nb-87



MAT 4107

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

41-Nb-87



41-Nb-87

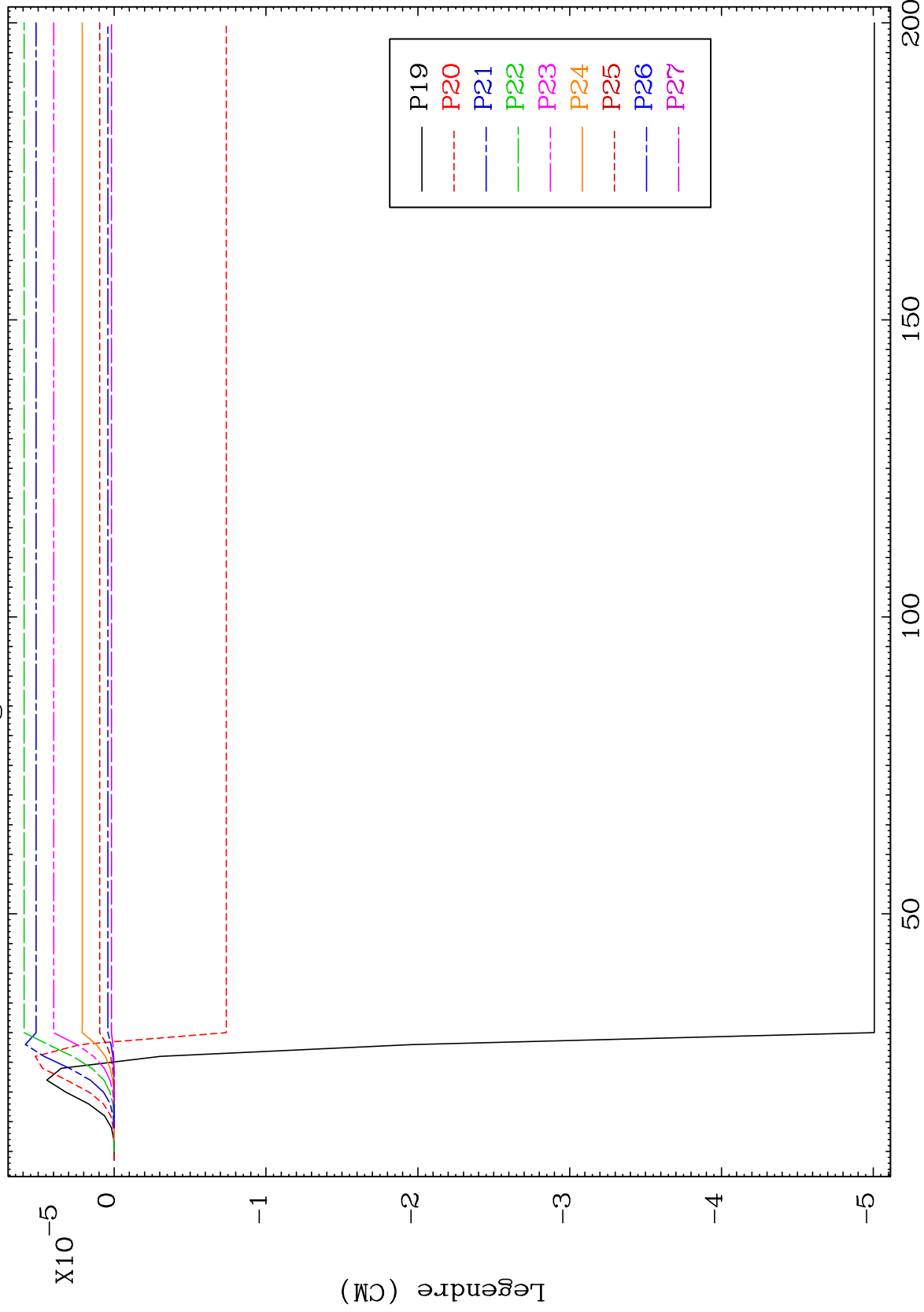
Incident Energy (MeV)

40

MAT 4107

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

41-Nb-87



41

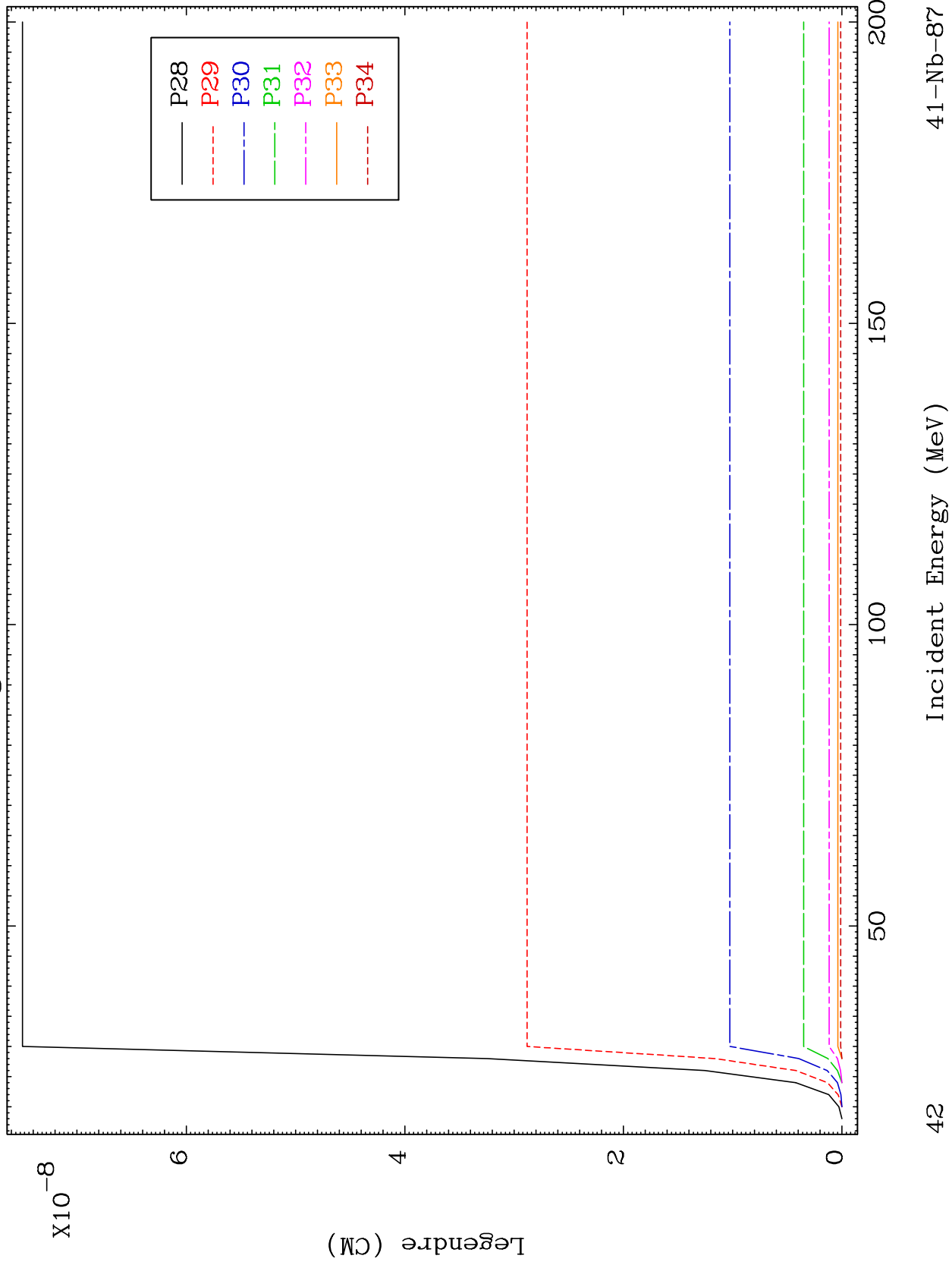
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

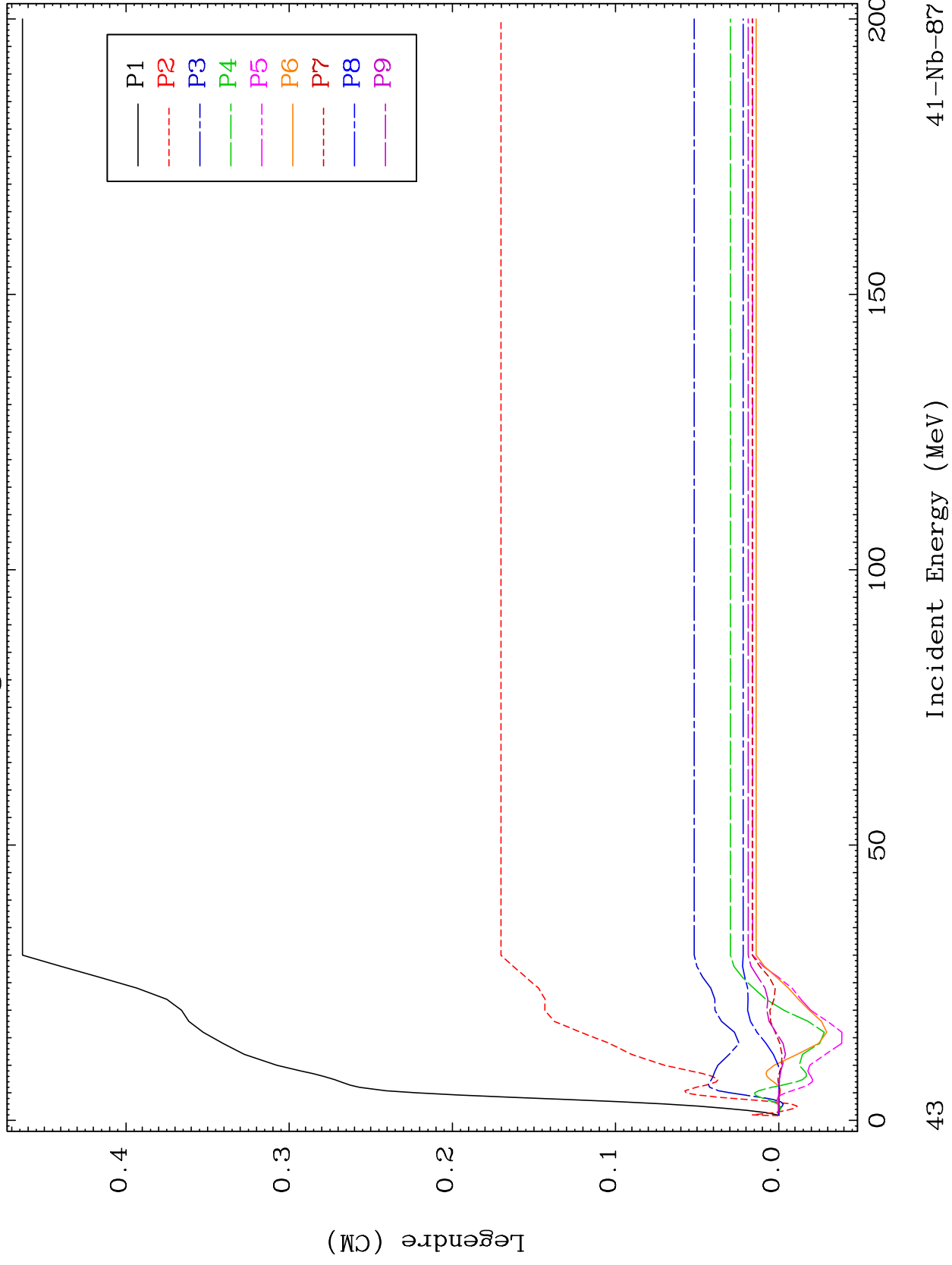
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MAT 4107

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

41-Nb-87



41-Nb-87

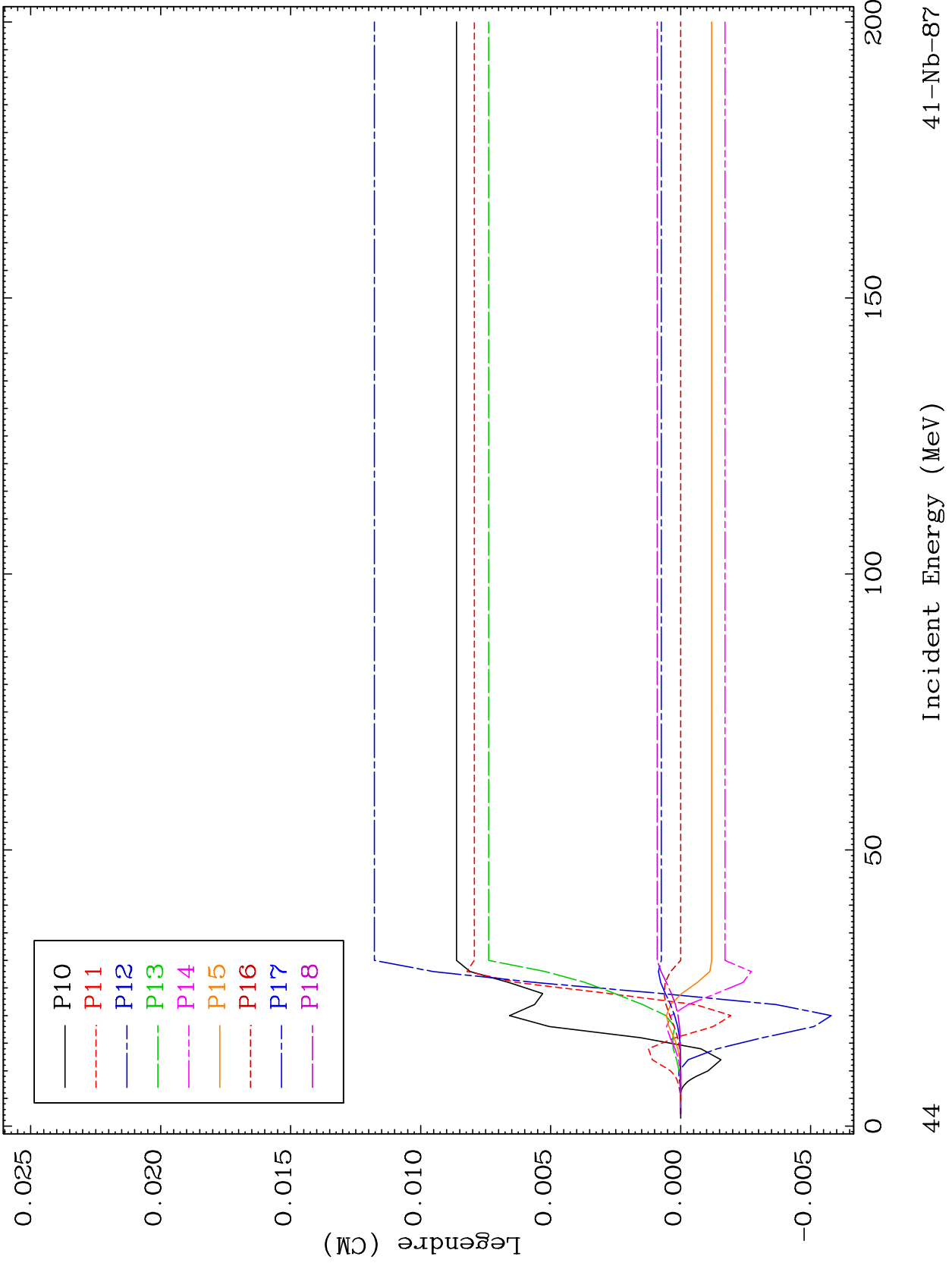
Incident Energy (MeV)

43

MAT 4107

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

41-Nb-87



44

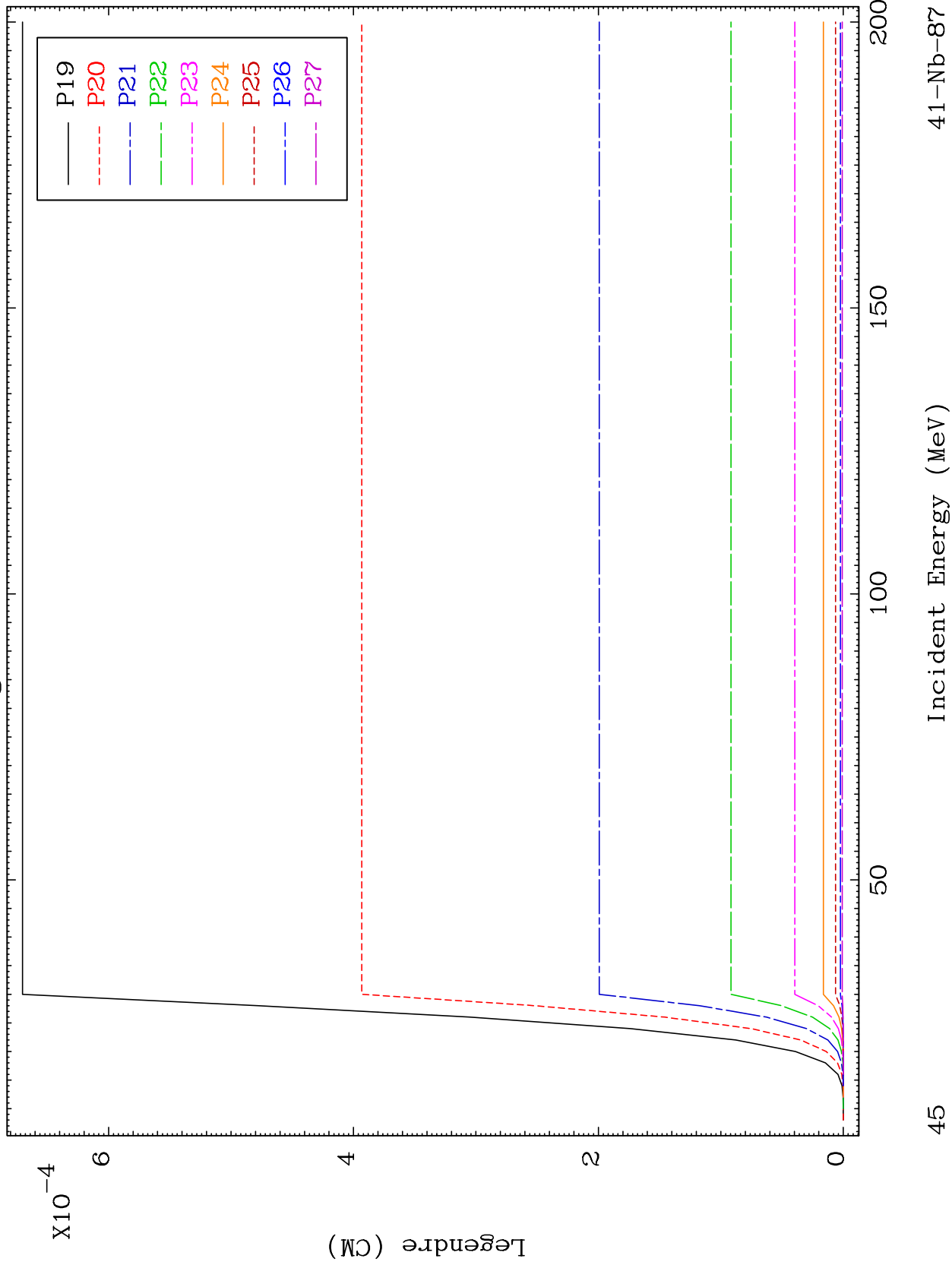
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

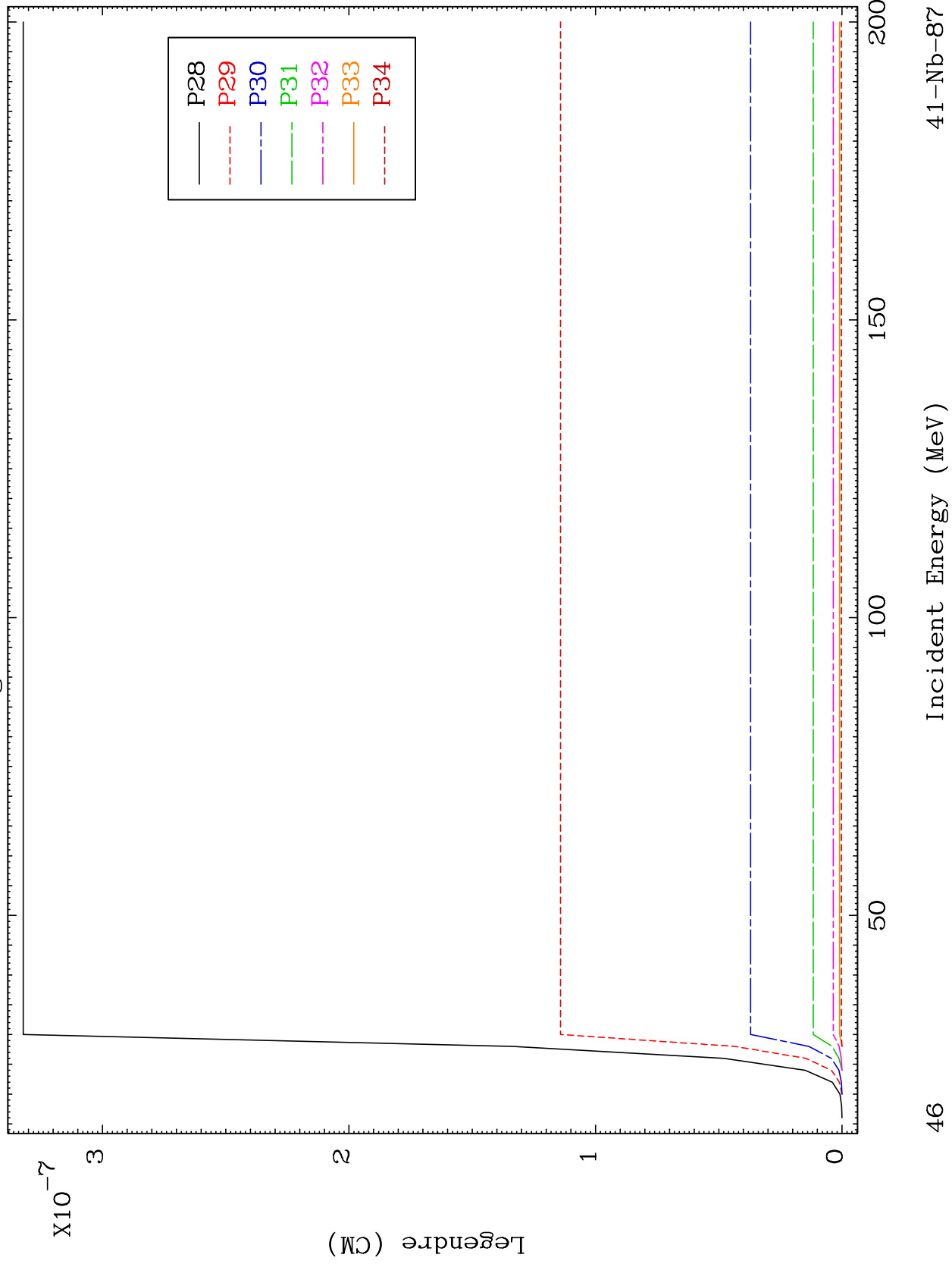
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MAT 4107

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

41-Nb-87



46

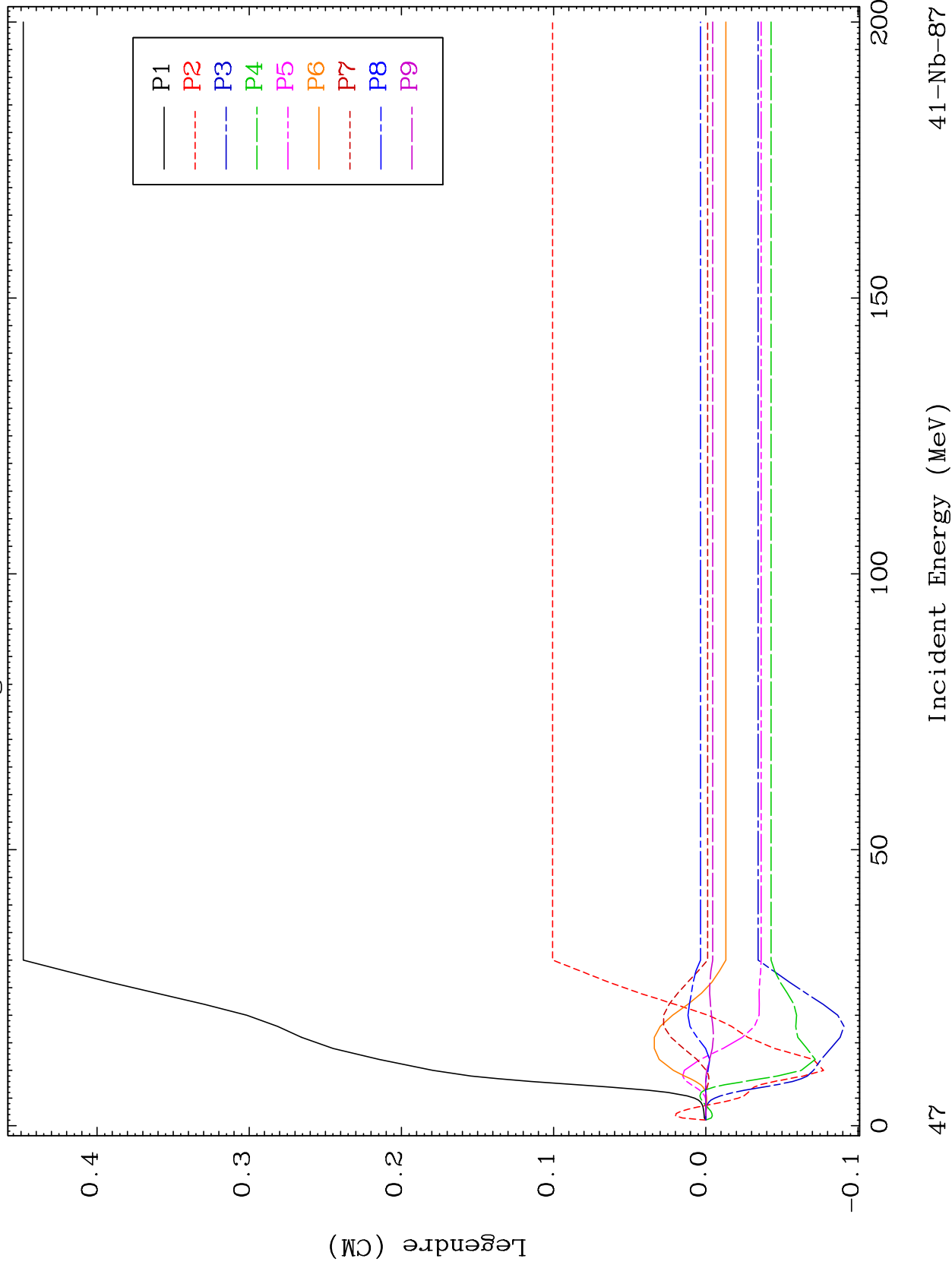
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

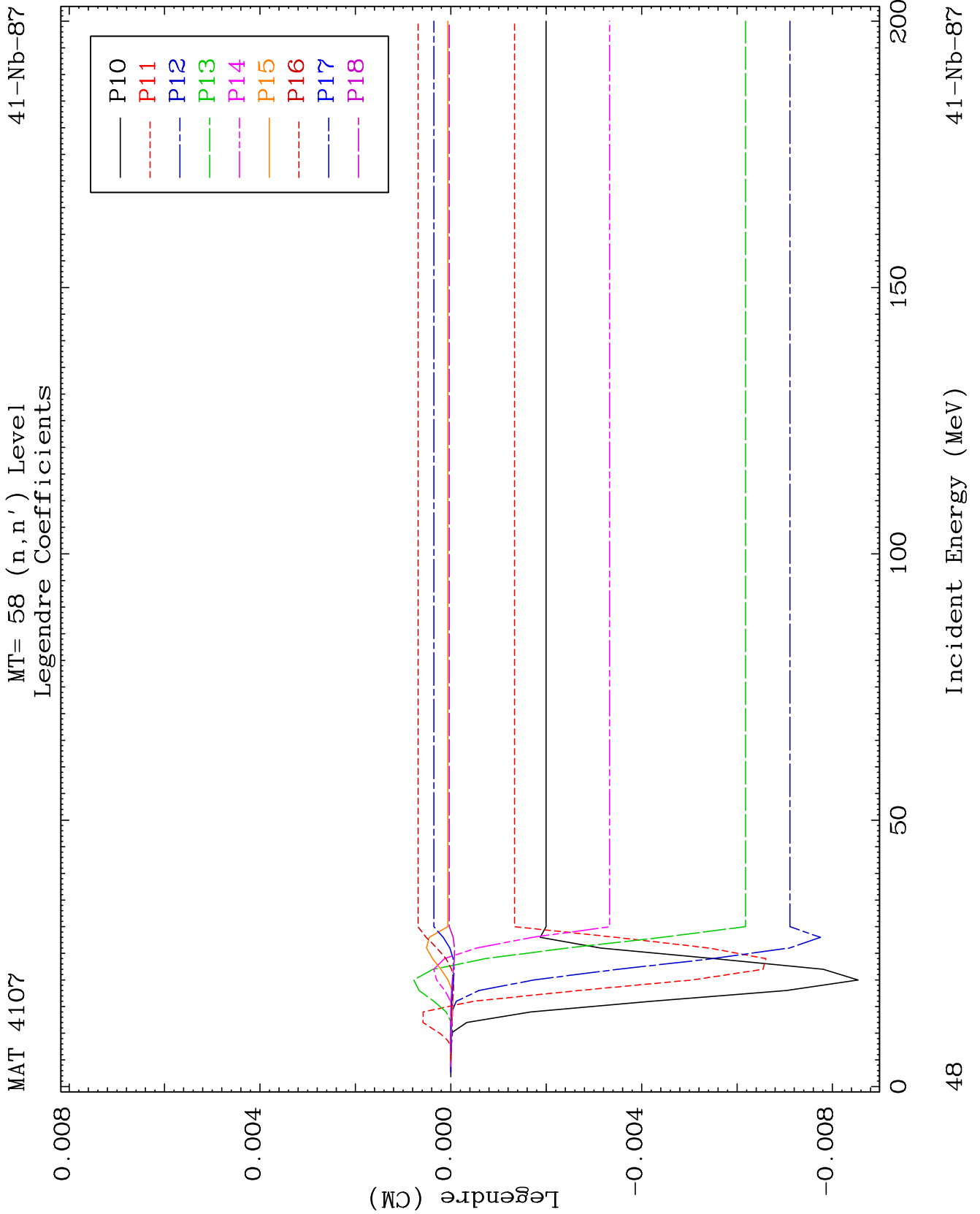
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41-Nb-87

Incident Energy (MeV)

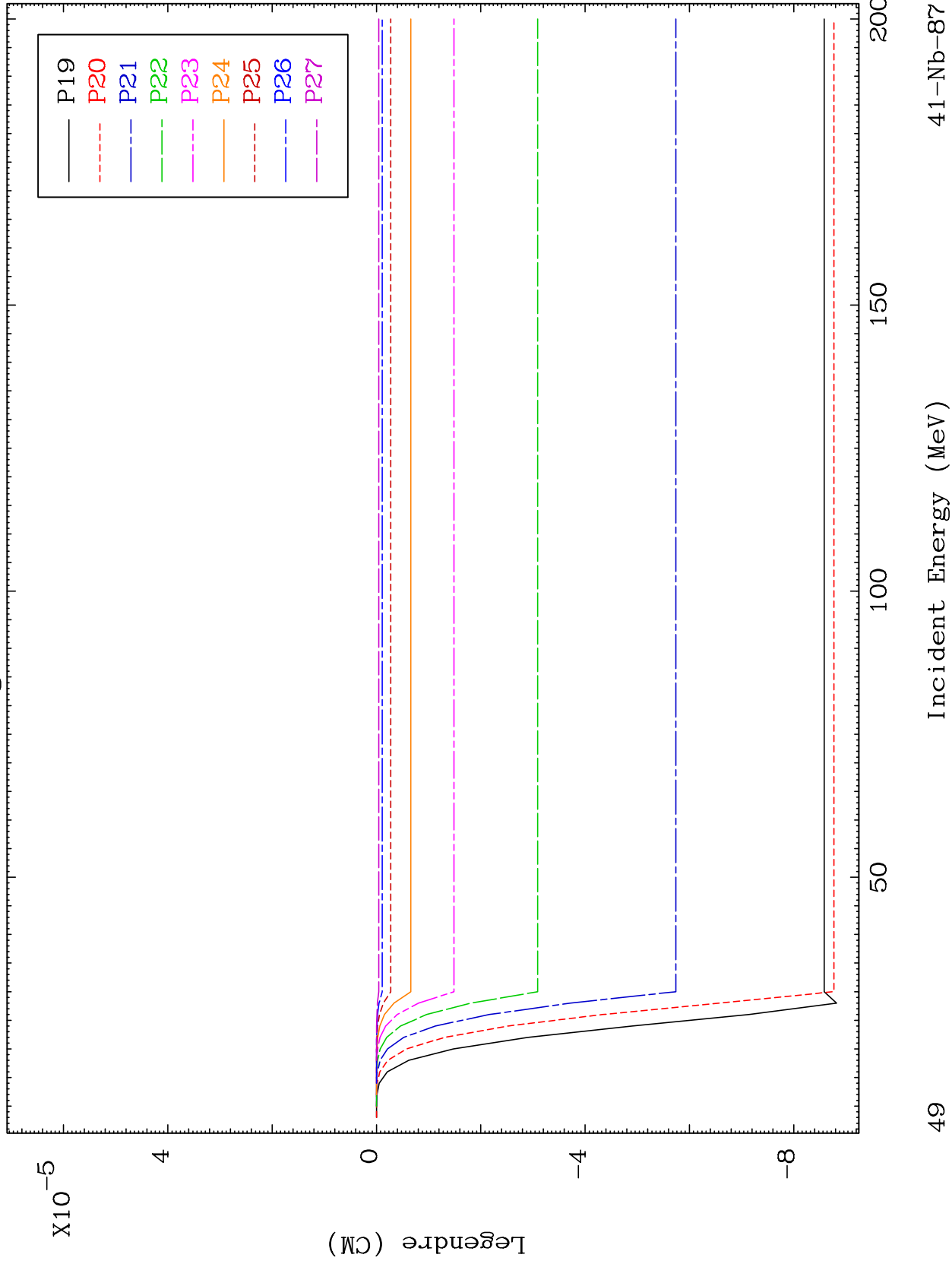
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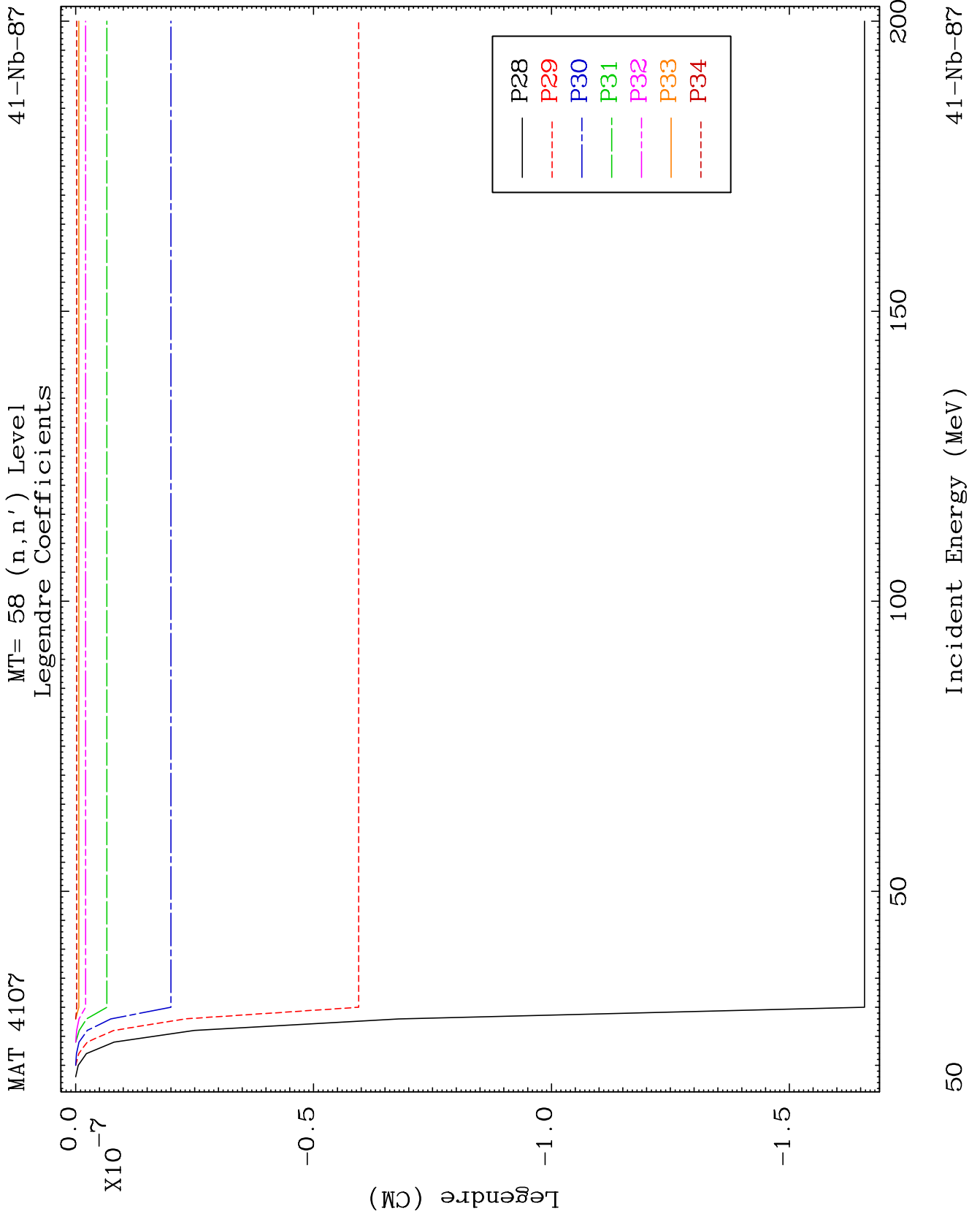


MAT 4107

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

41-Nb-87

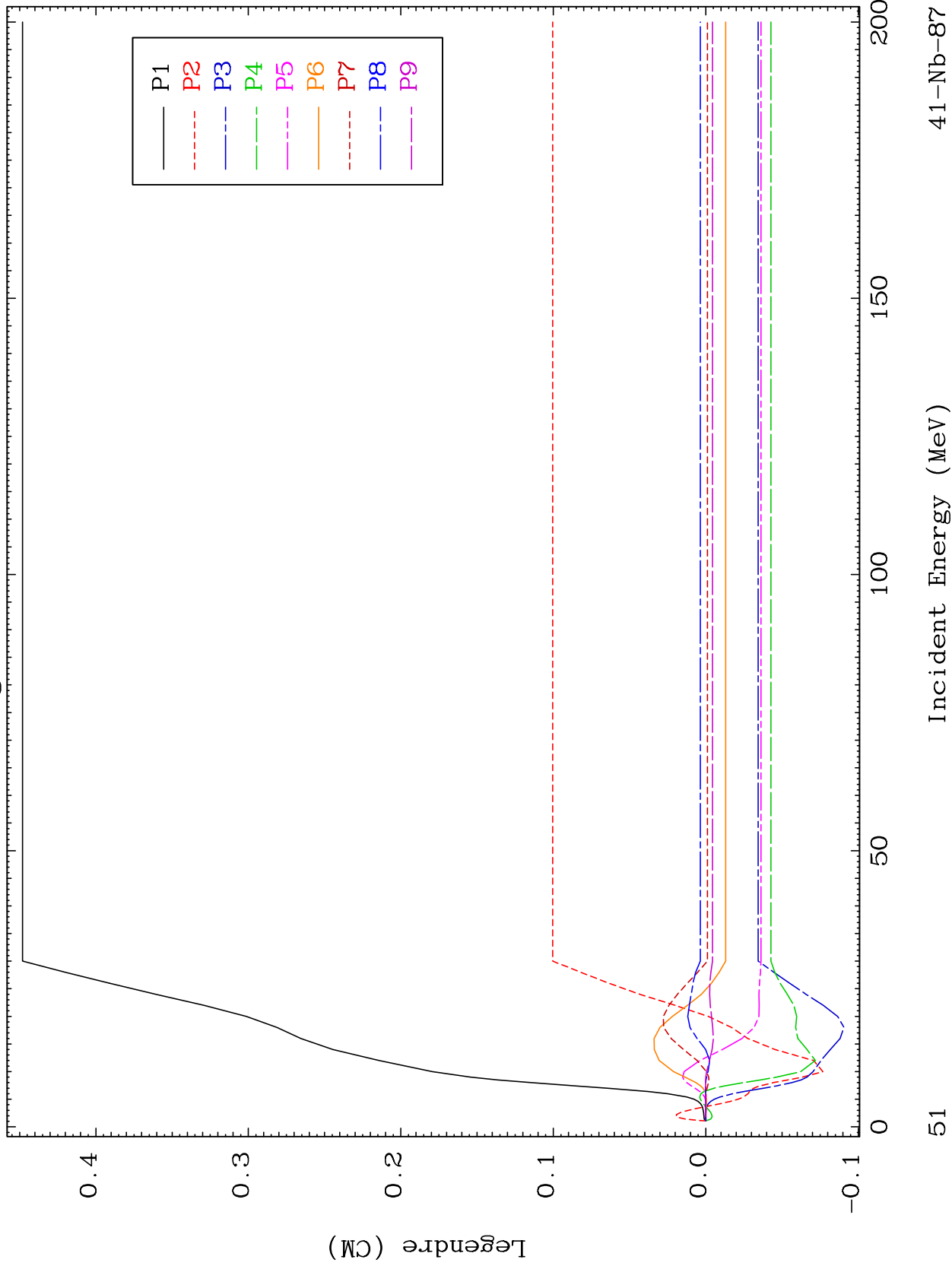




MAT 4107

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

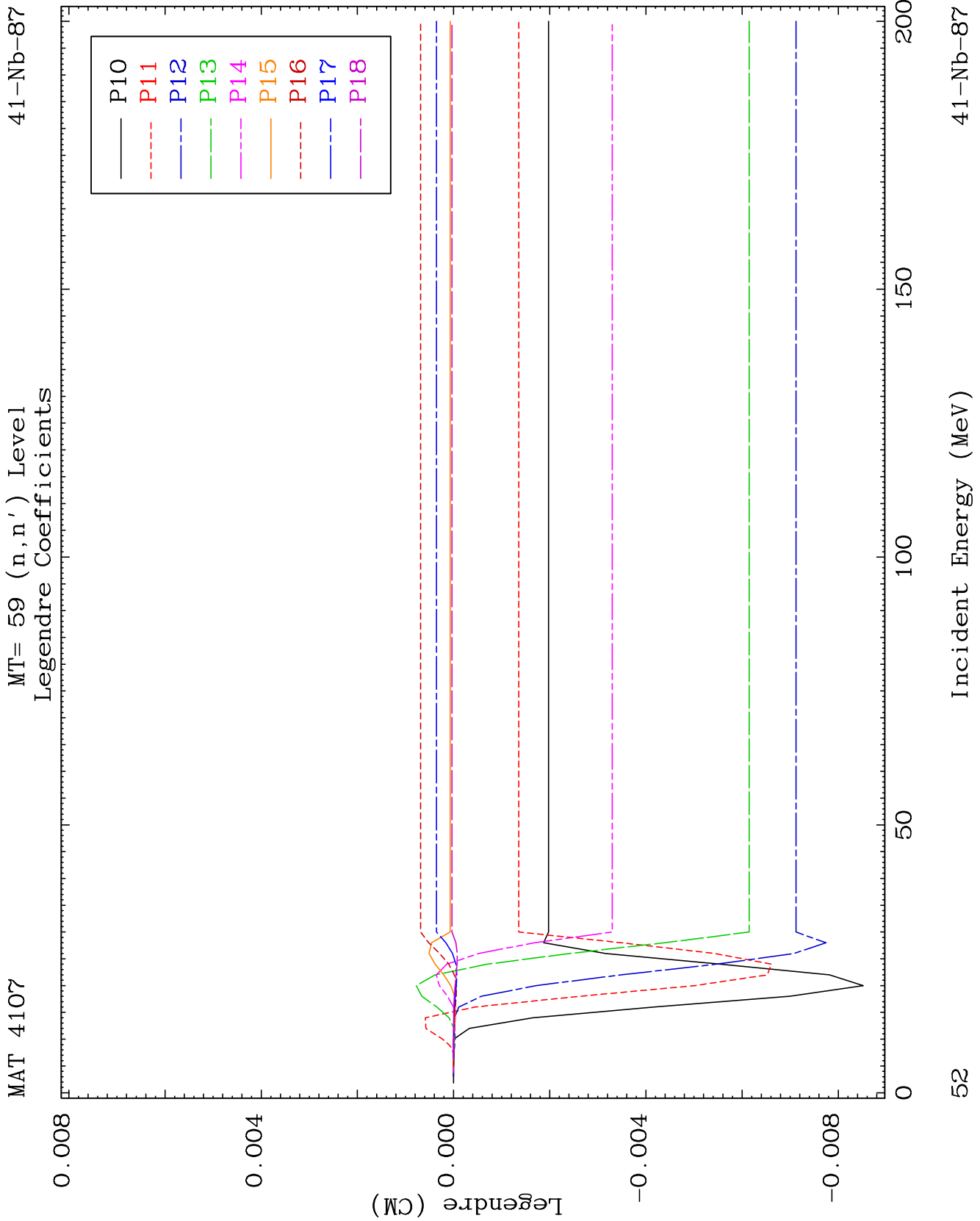
41-Nb-87



41-Nb-87

Incident Energy (MeV)

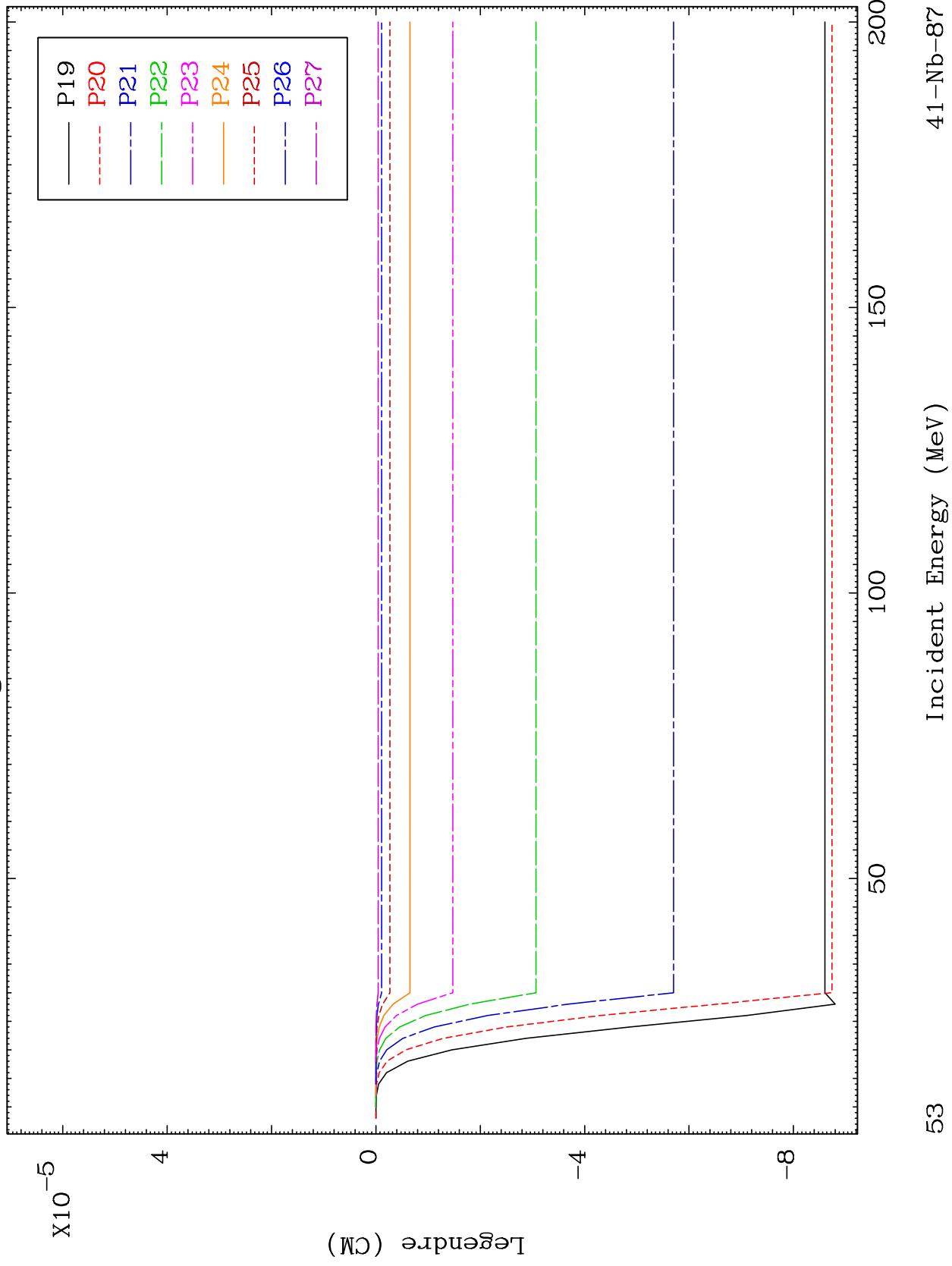
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MAT 4107

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

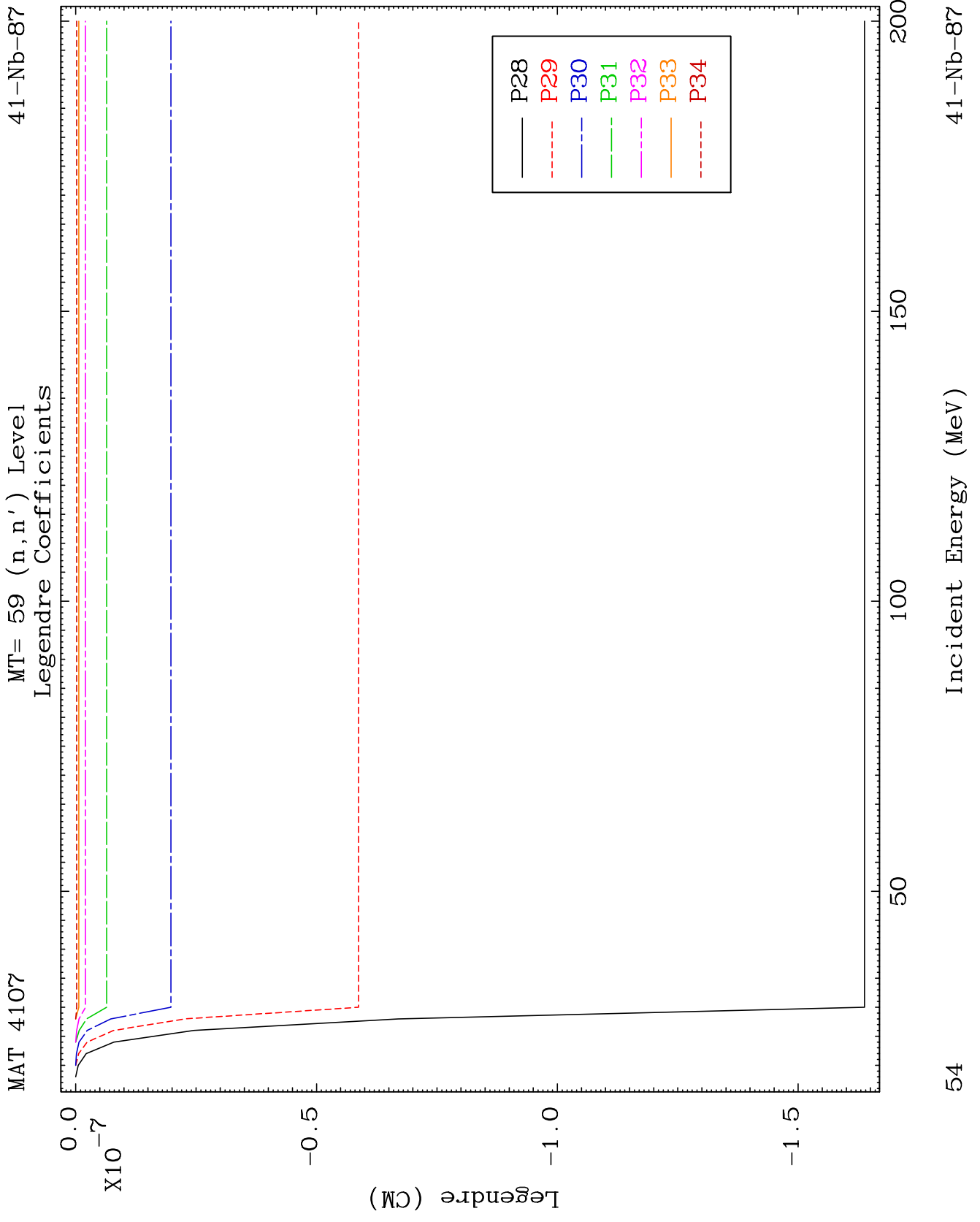
41-Nb-87



53

Incident Energy (MeV)

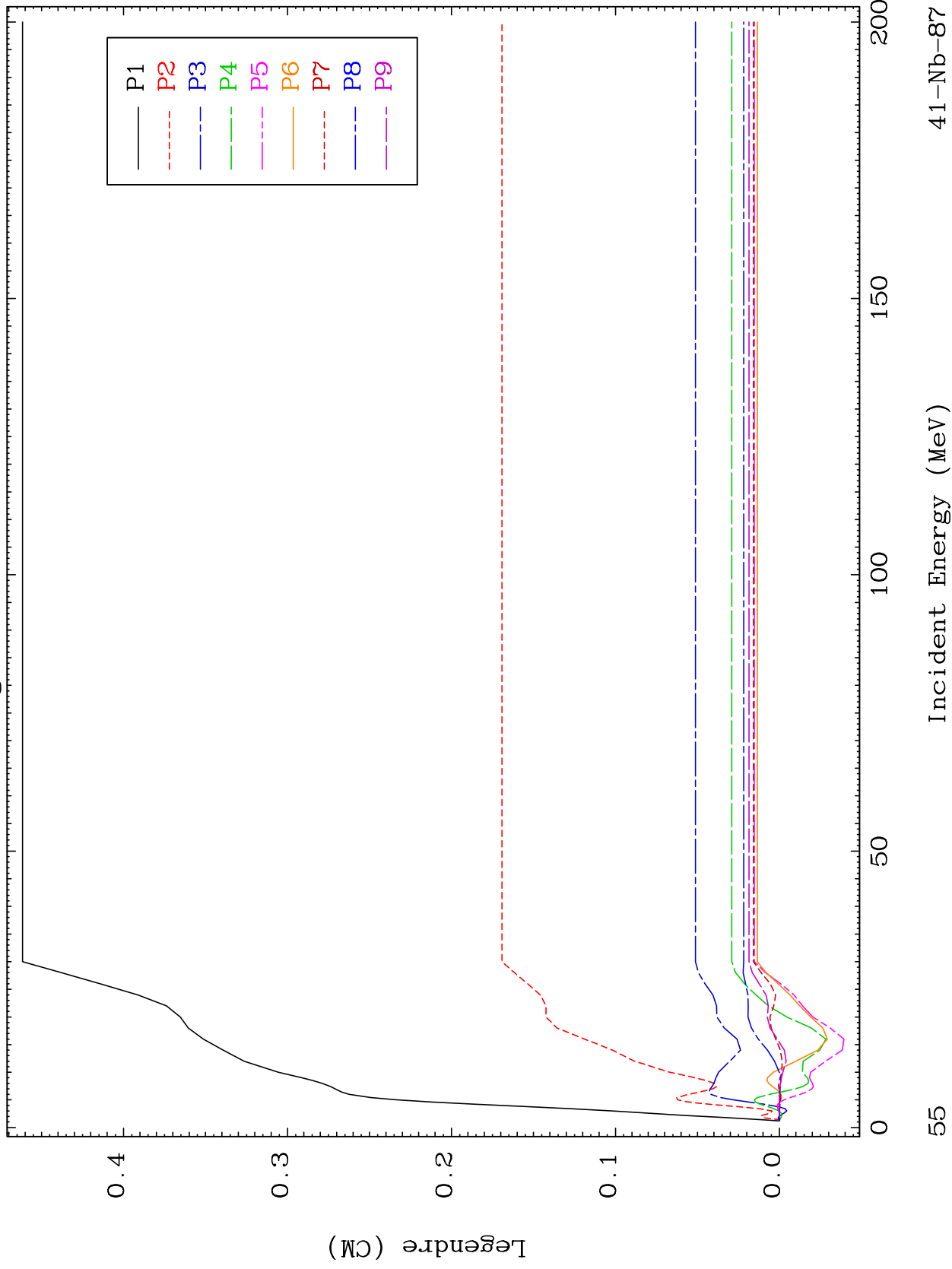
41-Nb-87



MAT 4107

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

41-Nb-87



41-Nb-87

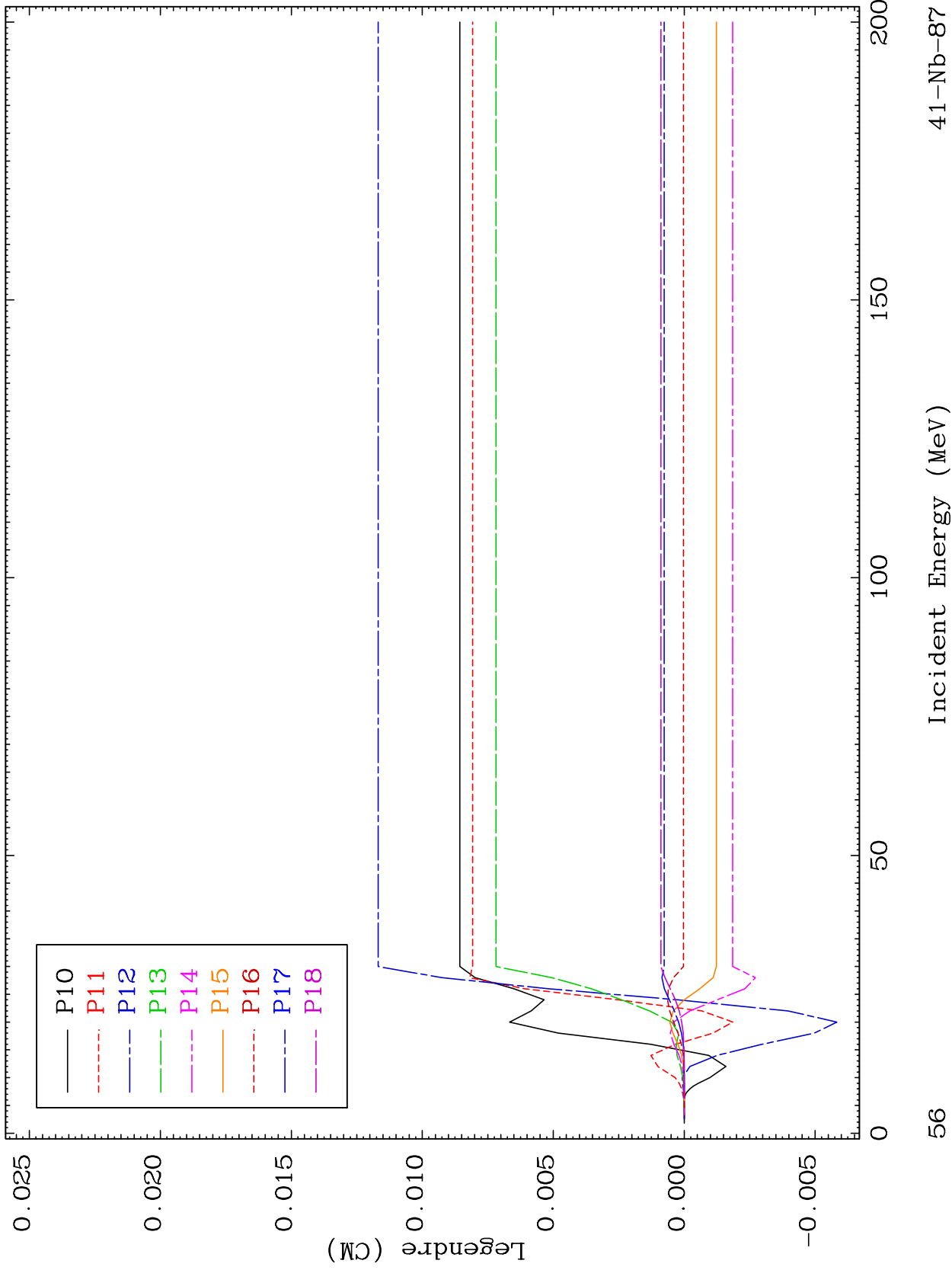
Incident Energy (MeV)

55

MAT 4107

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

41-Nb-87



56

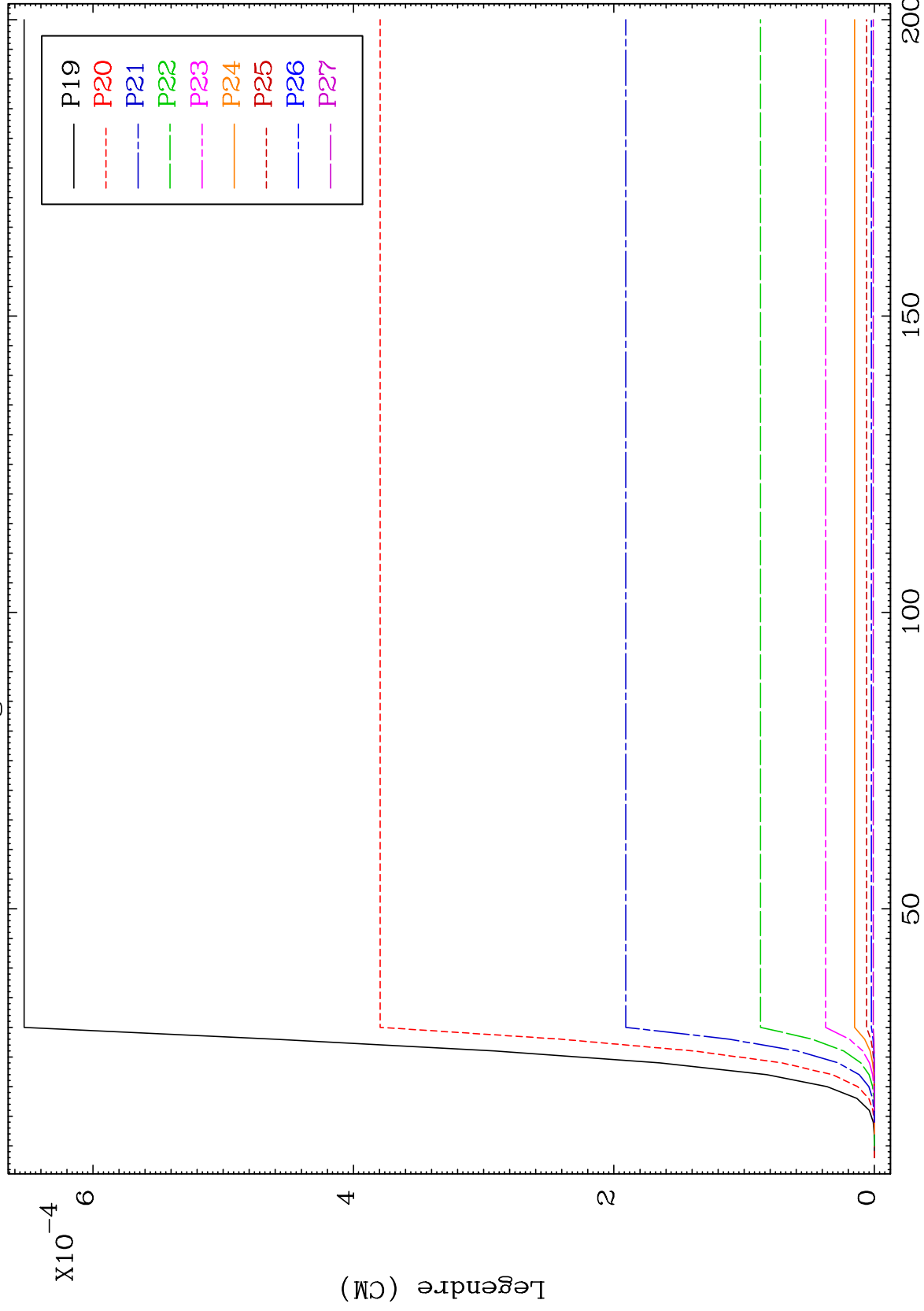
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

41-Nb-87



57

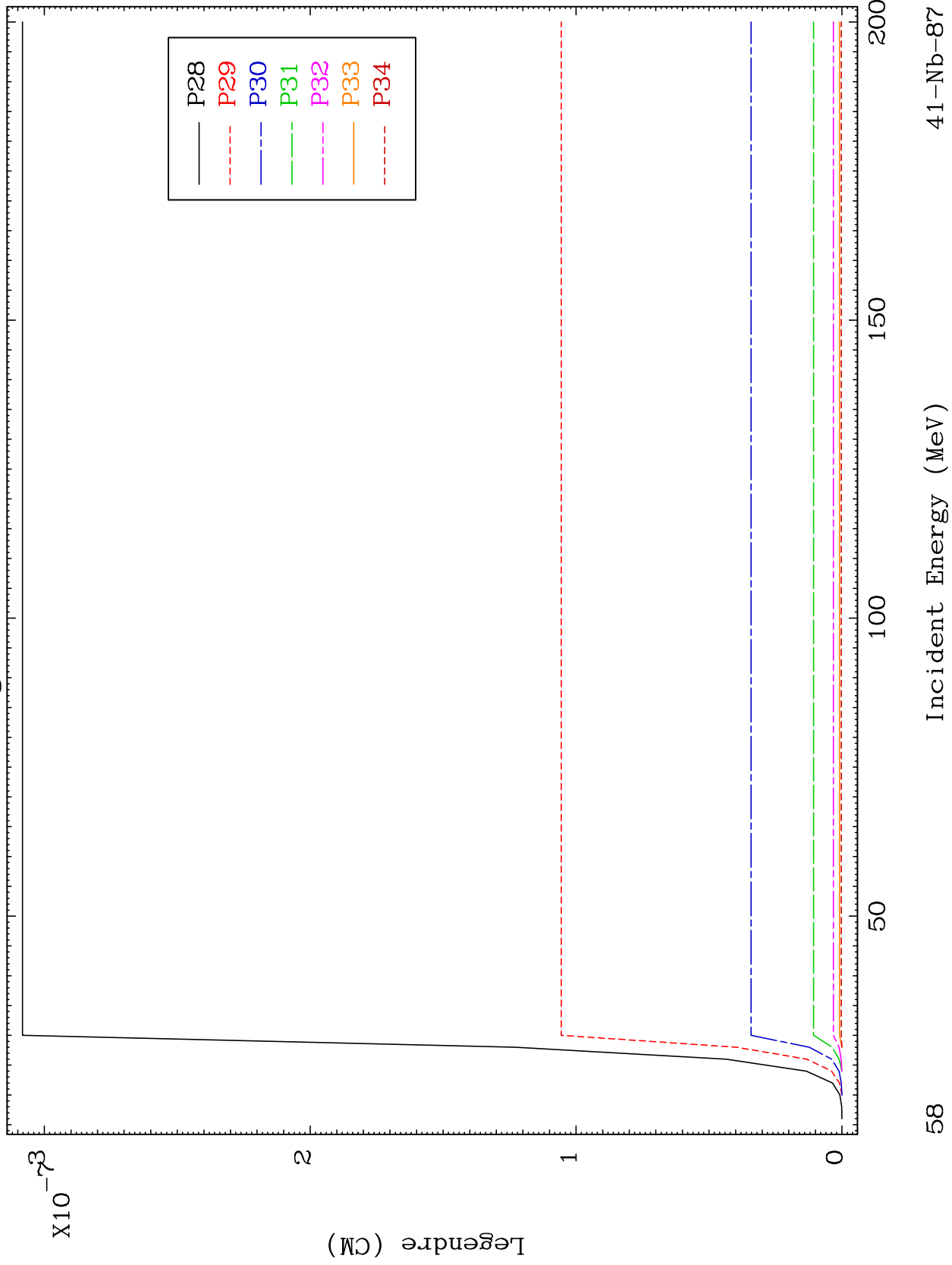
Incident Energy (MeV)

41-Nb-87

MAT 4107

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

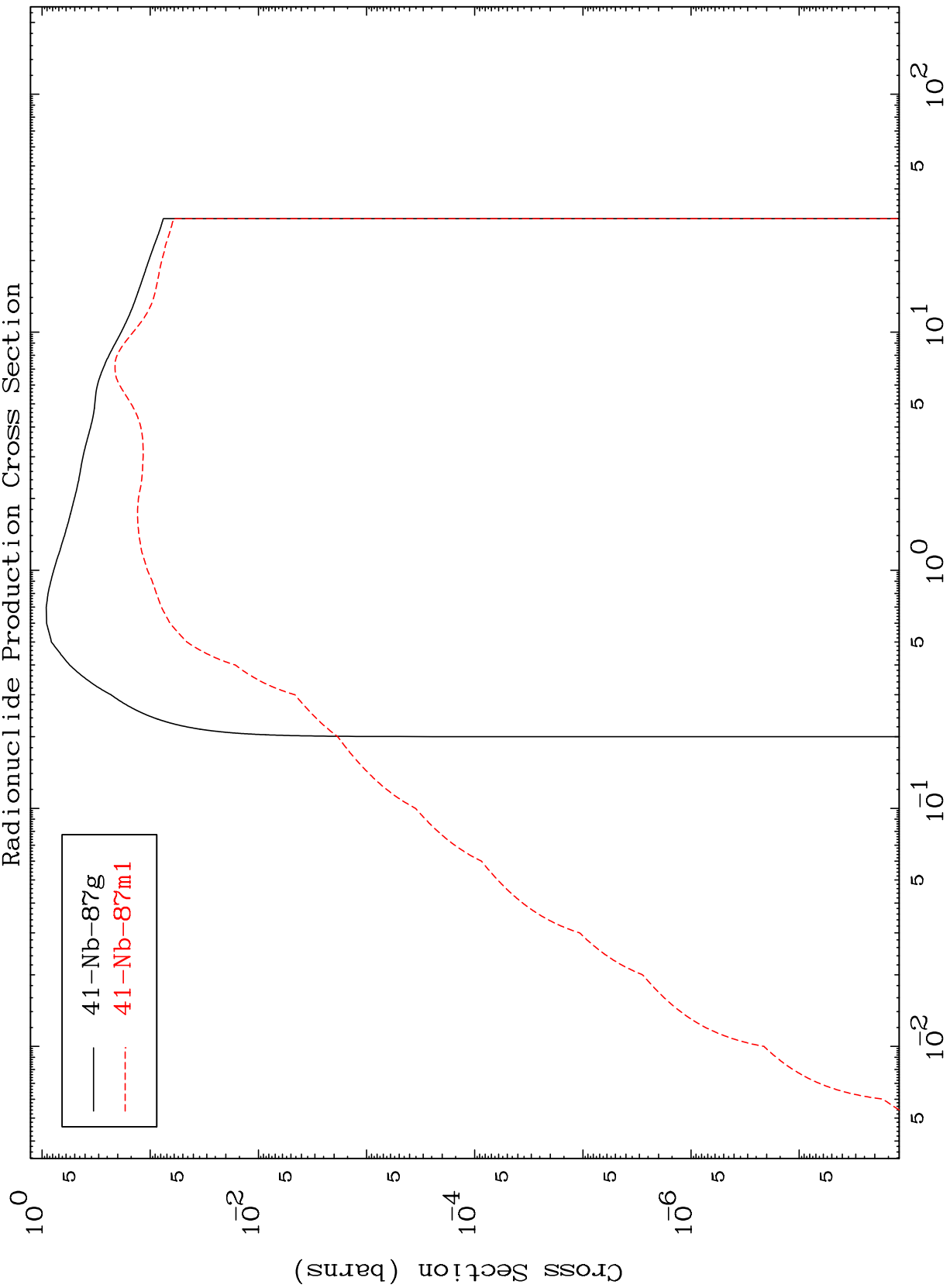
41-Nb-87



MAT 4107

41-Nb-87

Inelastic
Radionuclide Production Cross Section

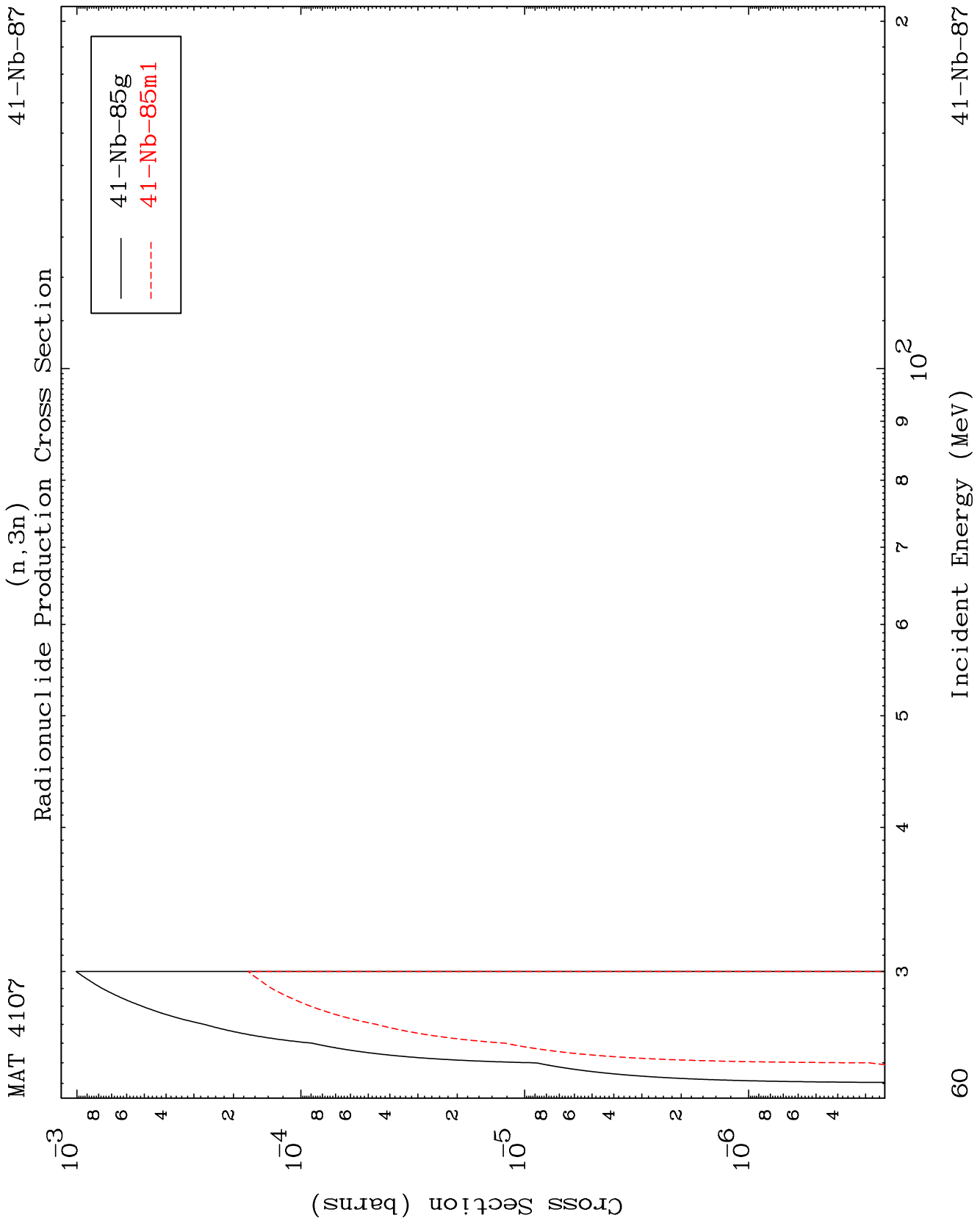


— 41-Nb-87g
- - - 41-Nb-87m1

41-Nb-87

Incident Energy (MeV)

59

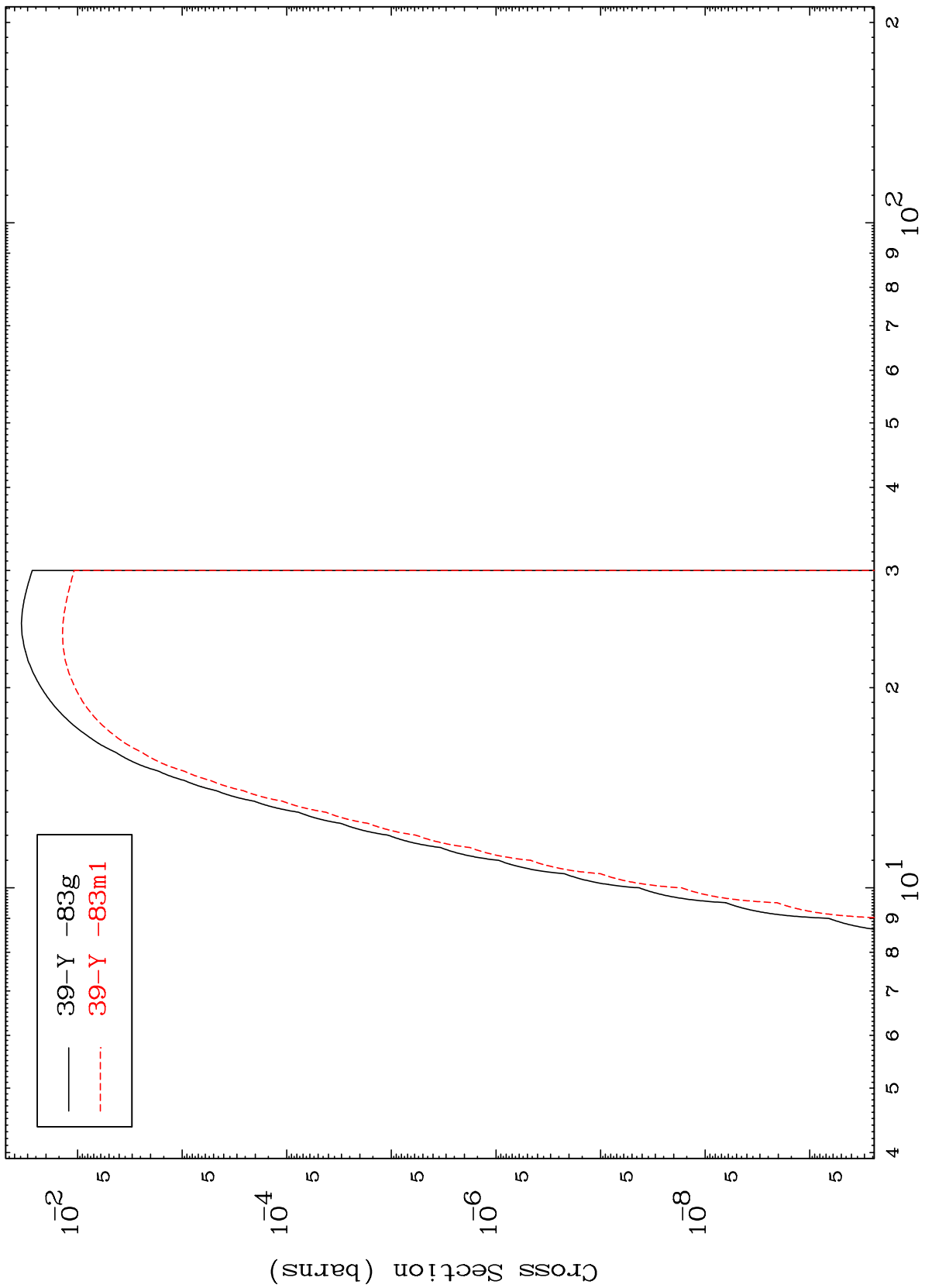


MAT 4107

$(n, n') \alpha$

41-Nb-87

Radionuclide Production Cross Section



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Incident Energy (MeV)

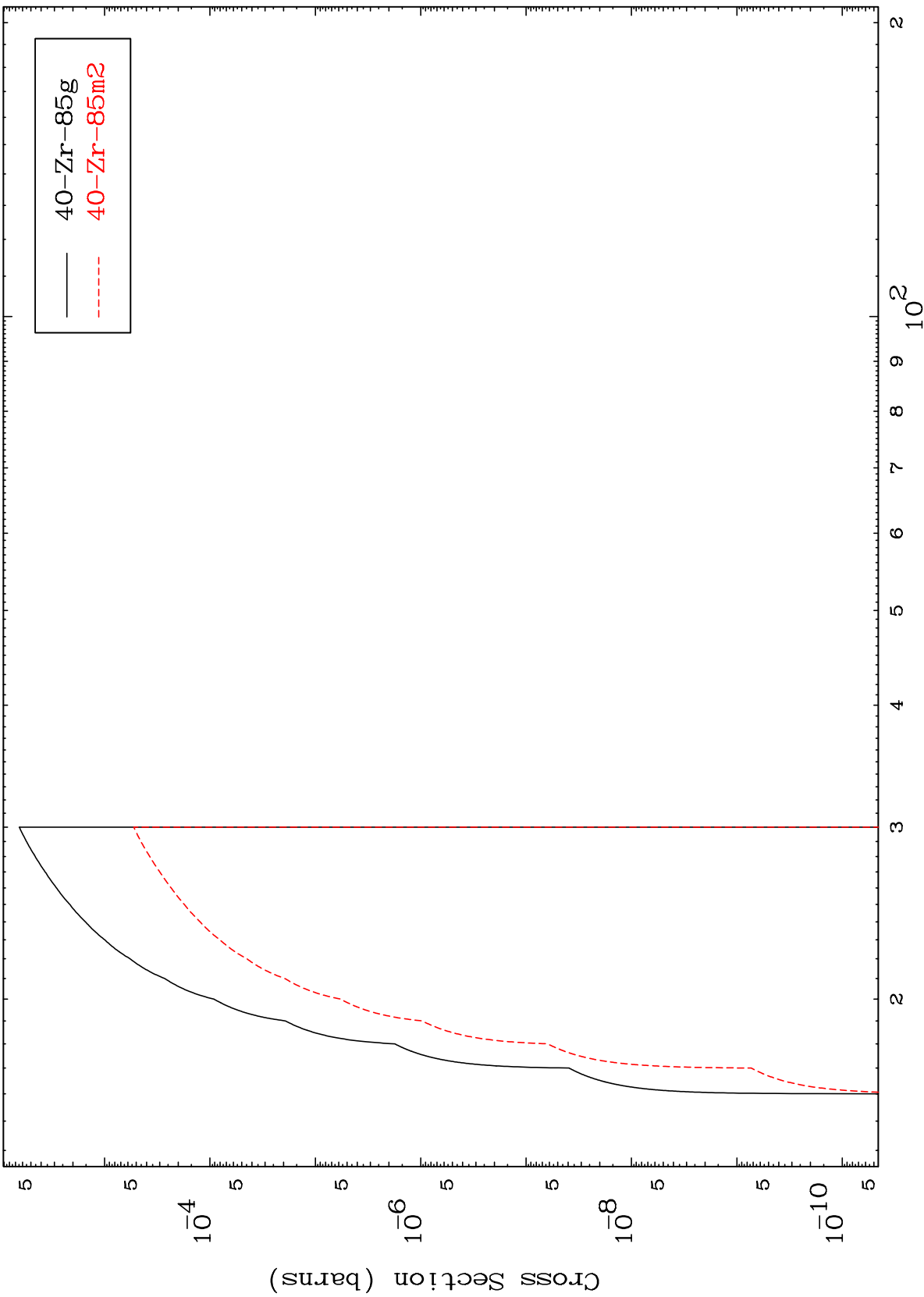
41-Nb-87

MAT 4107

(n,n') d

41-Nb-87

Radionuclide Production Cross Section

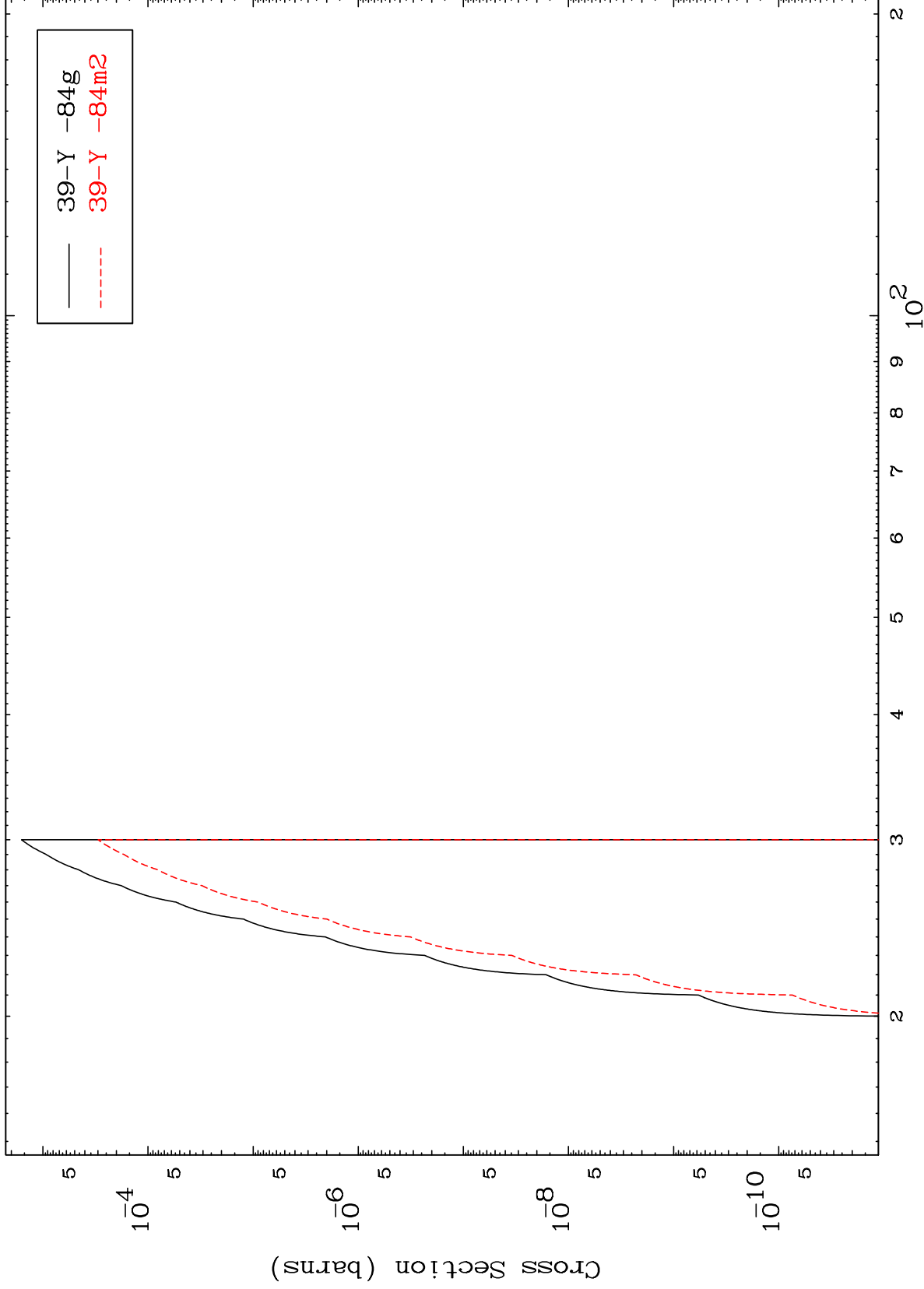


62

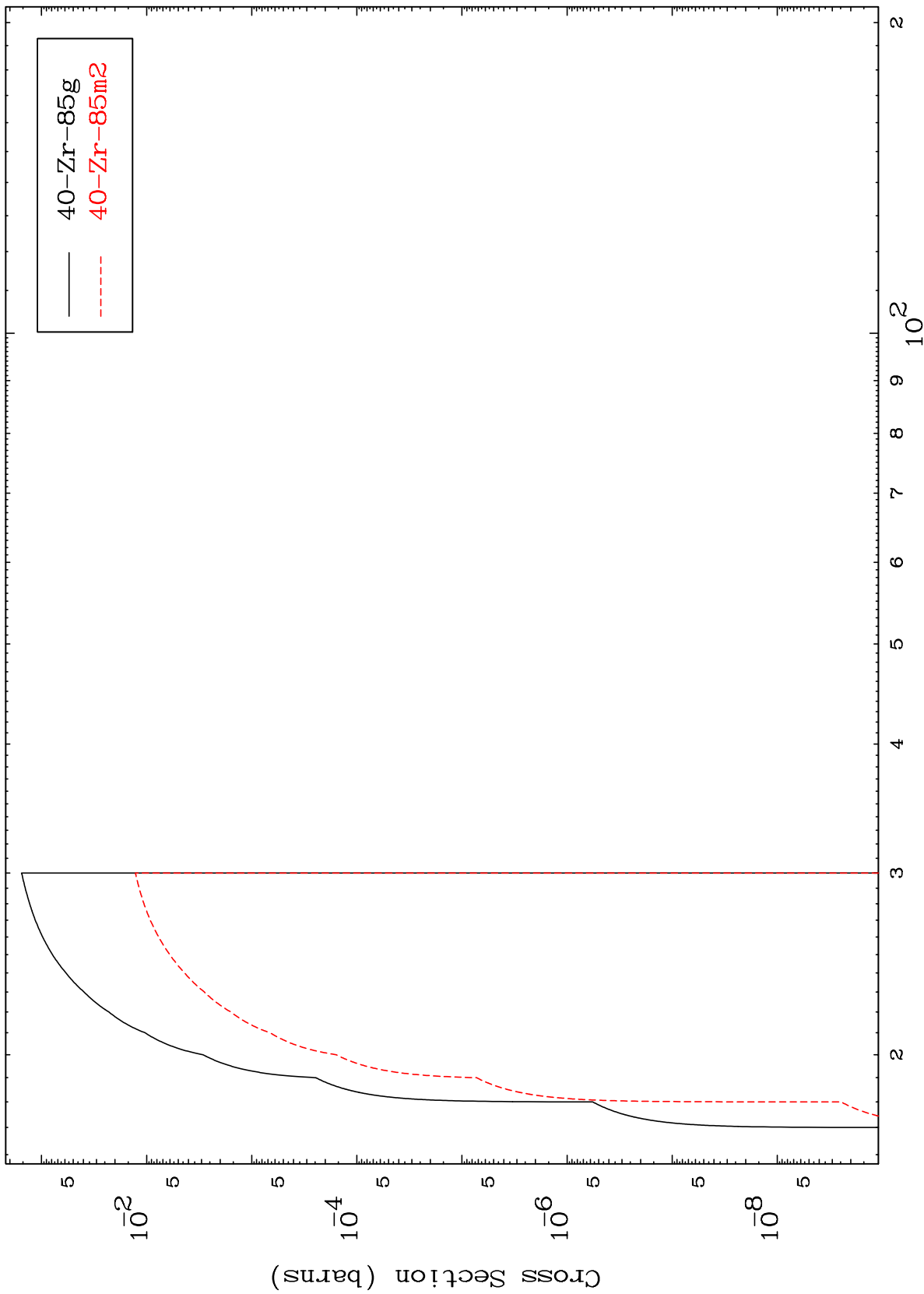
Incident Energy (MeV)

41-Nb-87

Radionuclide Production Cross Section



Radionuclide Production Cross Section

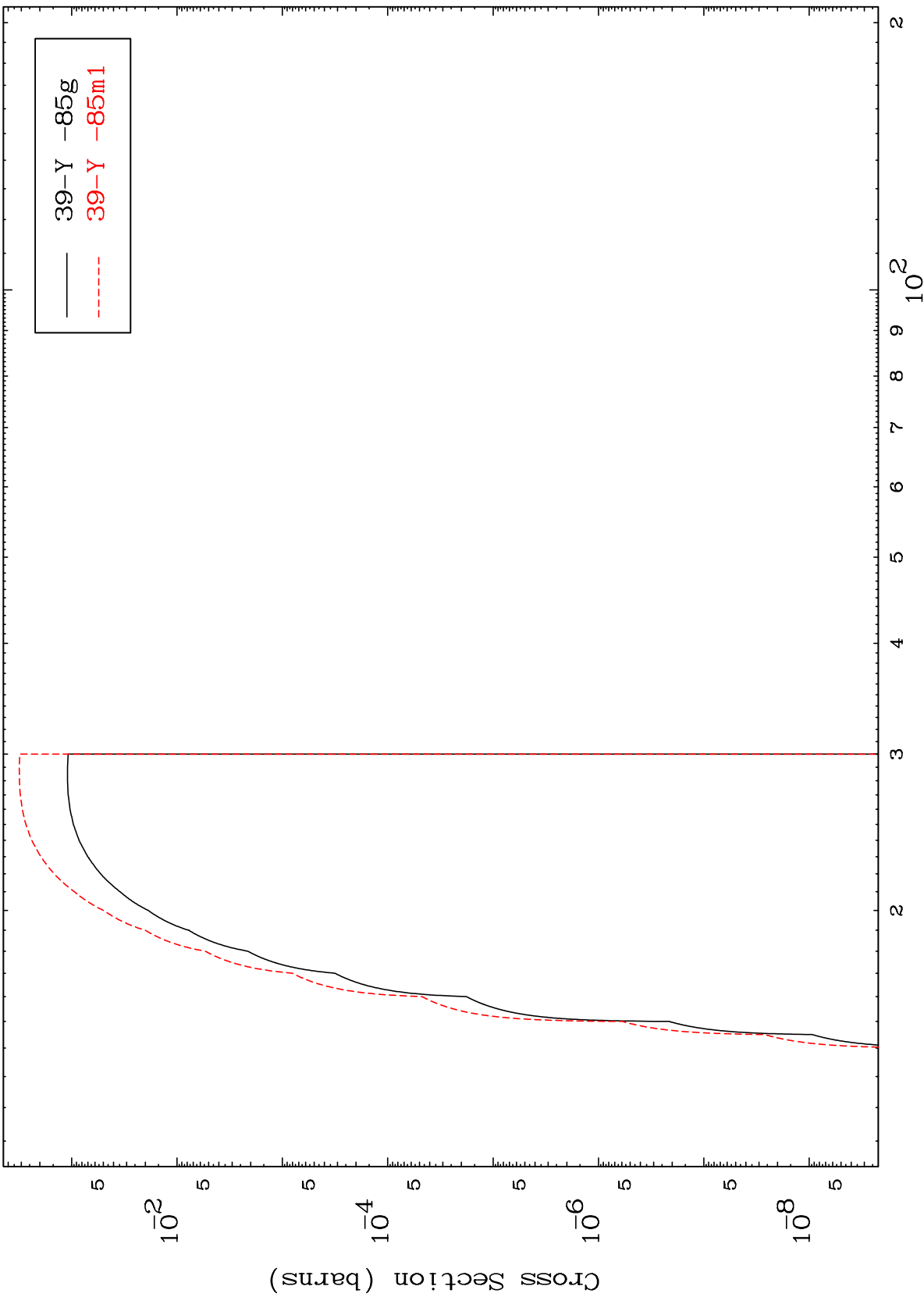


MAT 4107

(n,2n) p

41-Nb-87

Radionuclide Production Cross Section



65

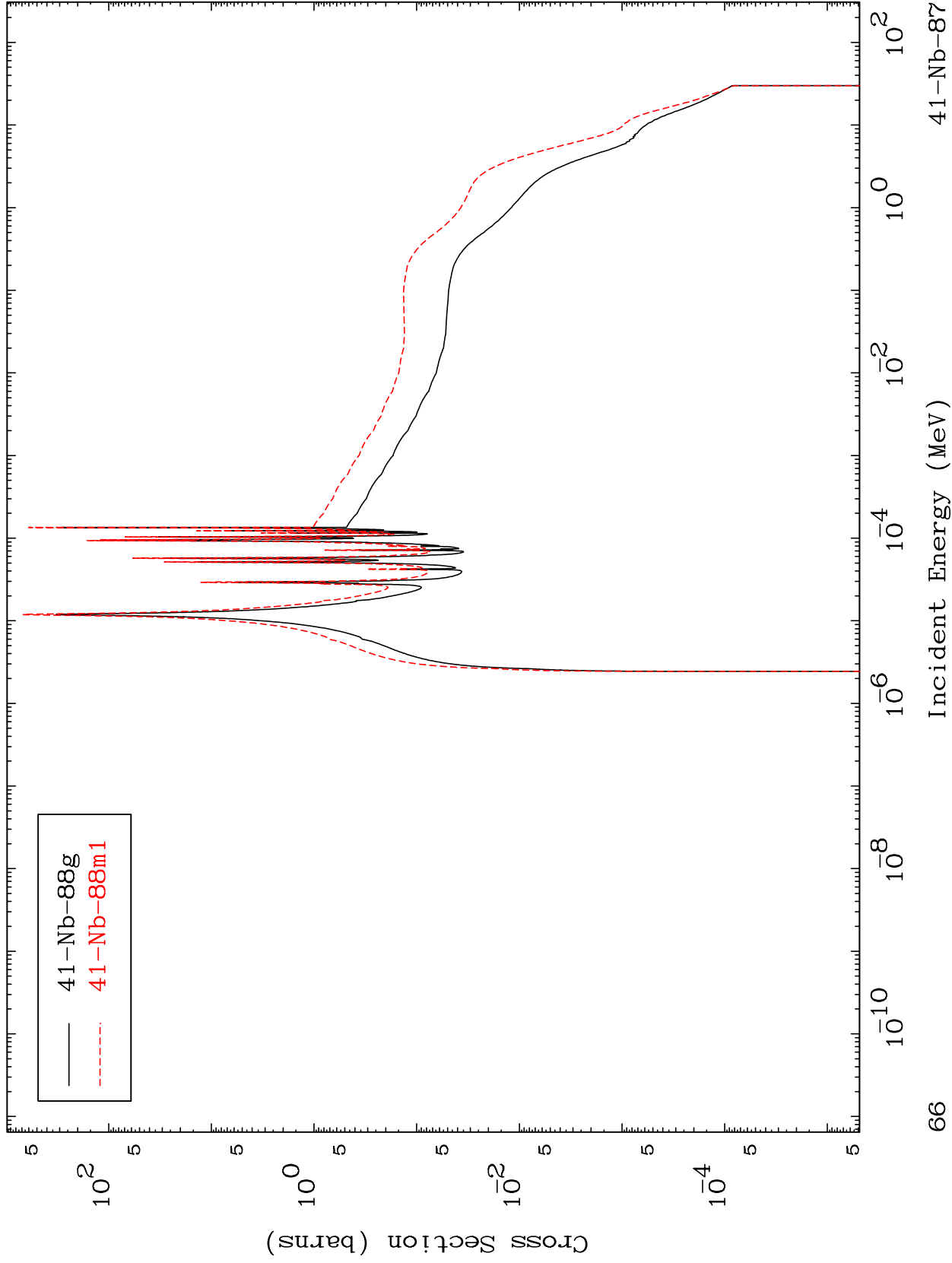
Incident Energy (MeV)

41-Nb-87

MAT 4107

41-Nb-87

Radionuclide Production Cross Section

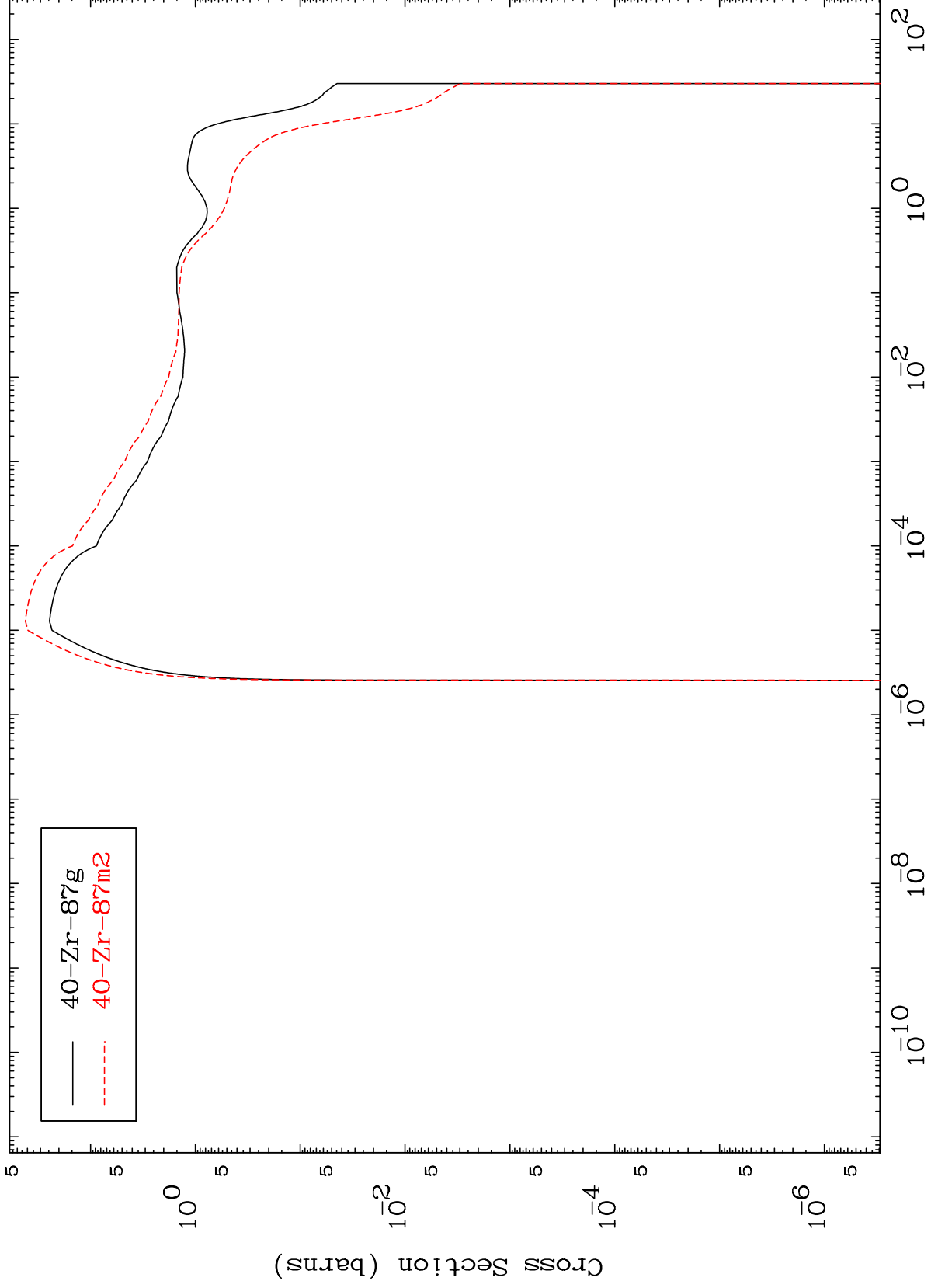


66

MAT 4107

41-Nb-87

(n,p)
Radionuclide Production Cross Section



— 40-Zr-87g
- - - 40-Zr-87m2

Incident Energy (MeV)

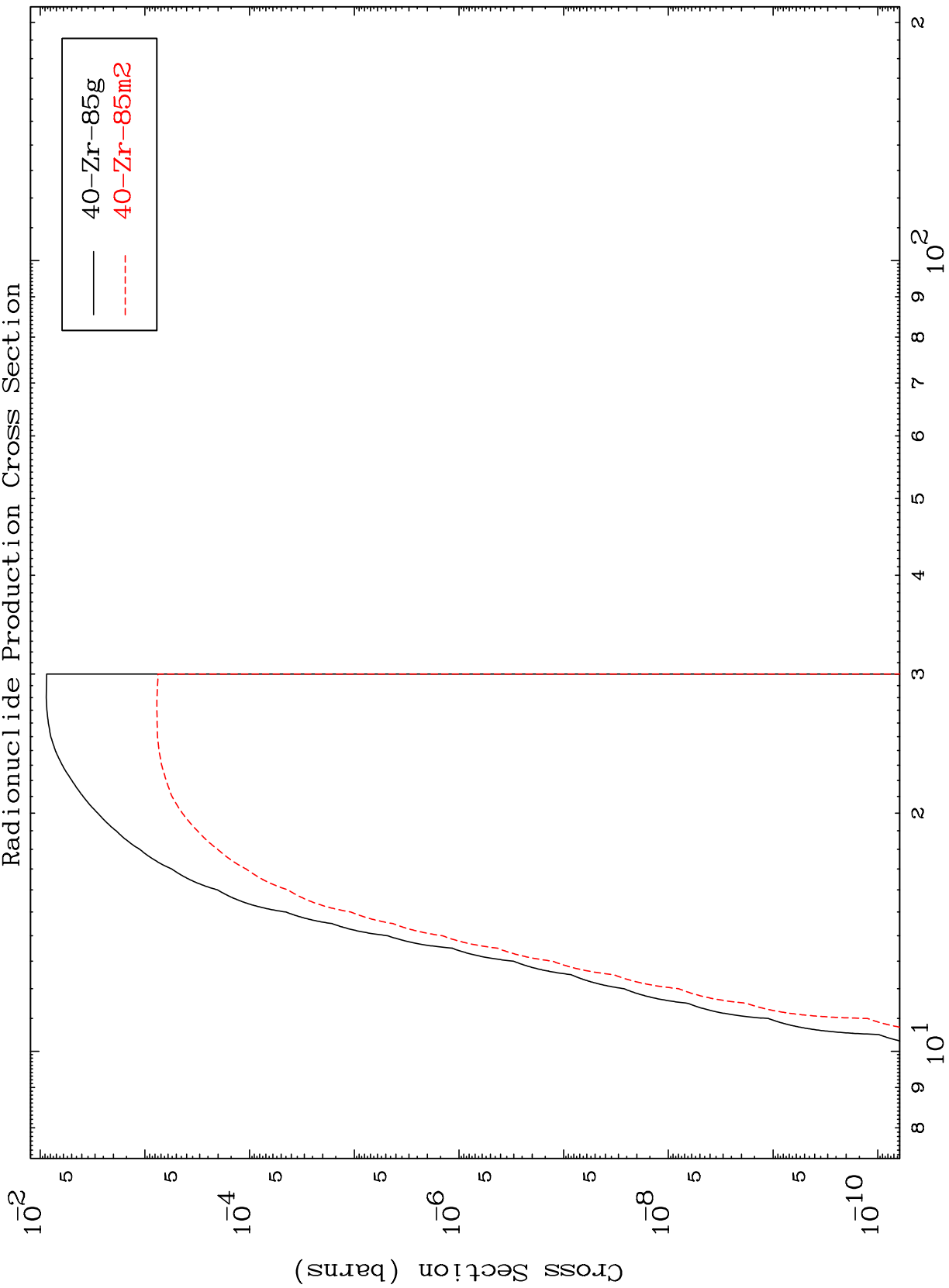
41-Nb-87

67

MAT 4107

41-Nb-87

(n,t)
Radionuclide Production Cross Section



68

Incident Energy (MeV)

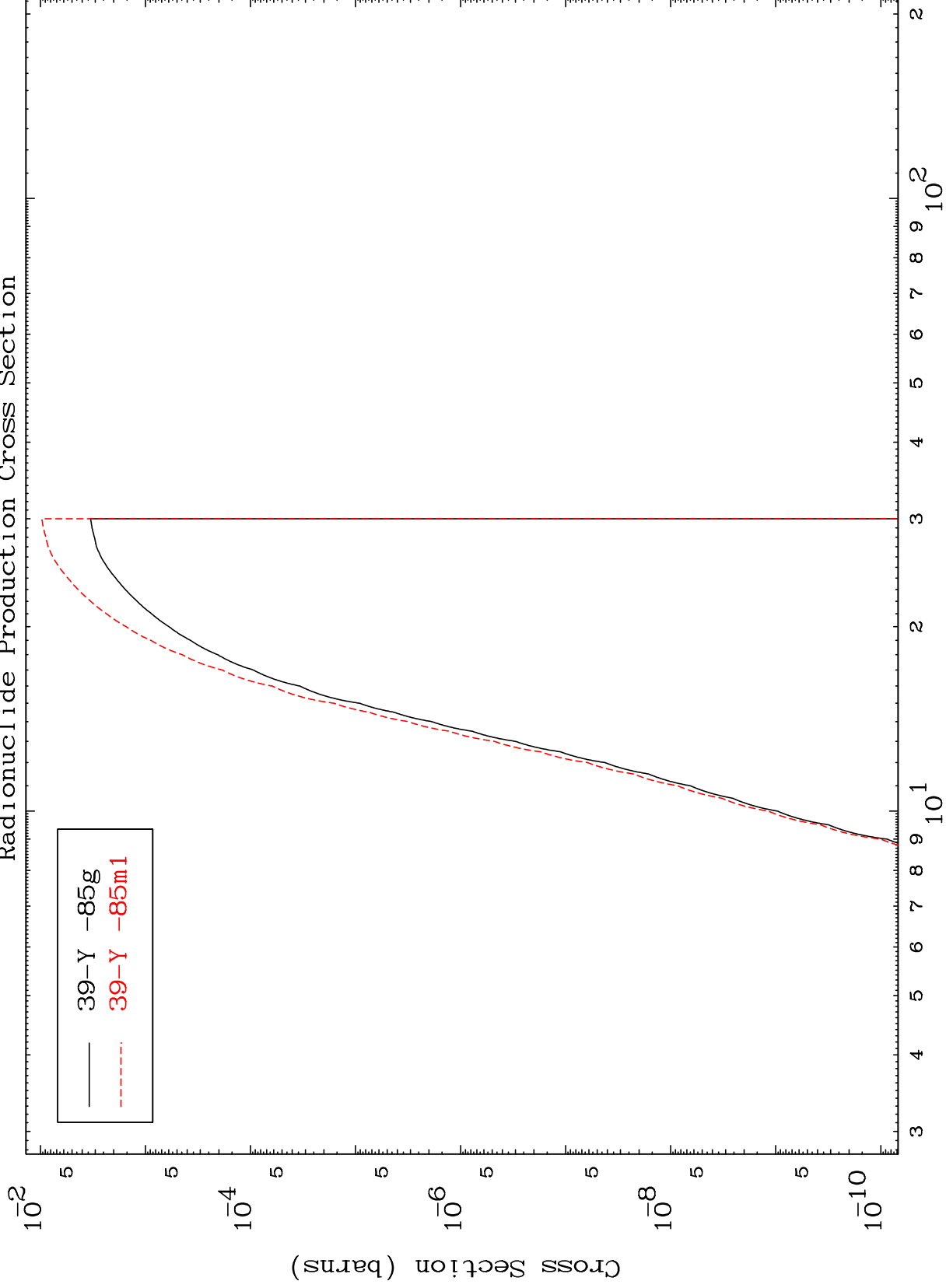
41-Nb-87

MAT 4107

(n,He-3)

41-Nb-87

Radionuclide Production Cross Section



— 39-Y -85g
- - - 39-Y -85m1

Incident Energy (MeV)

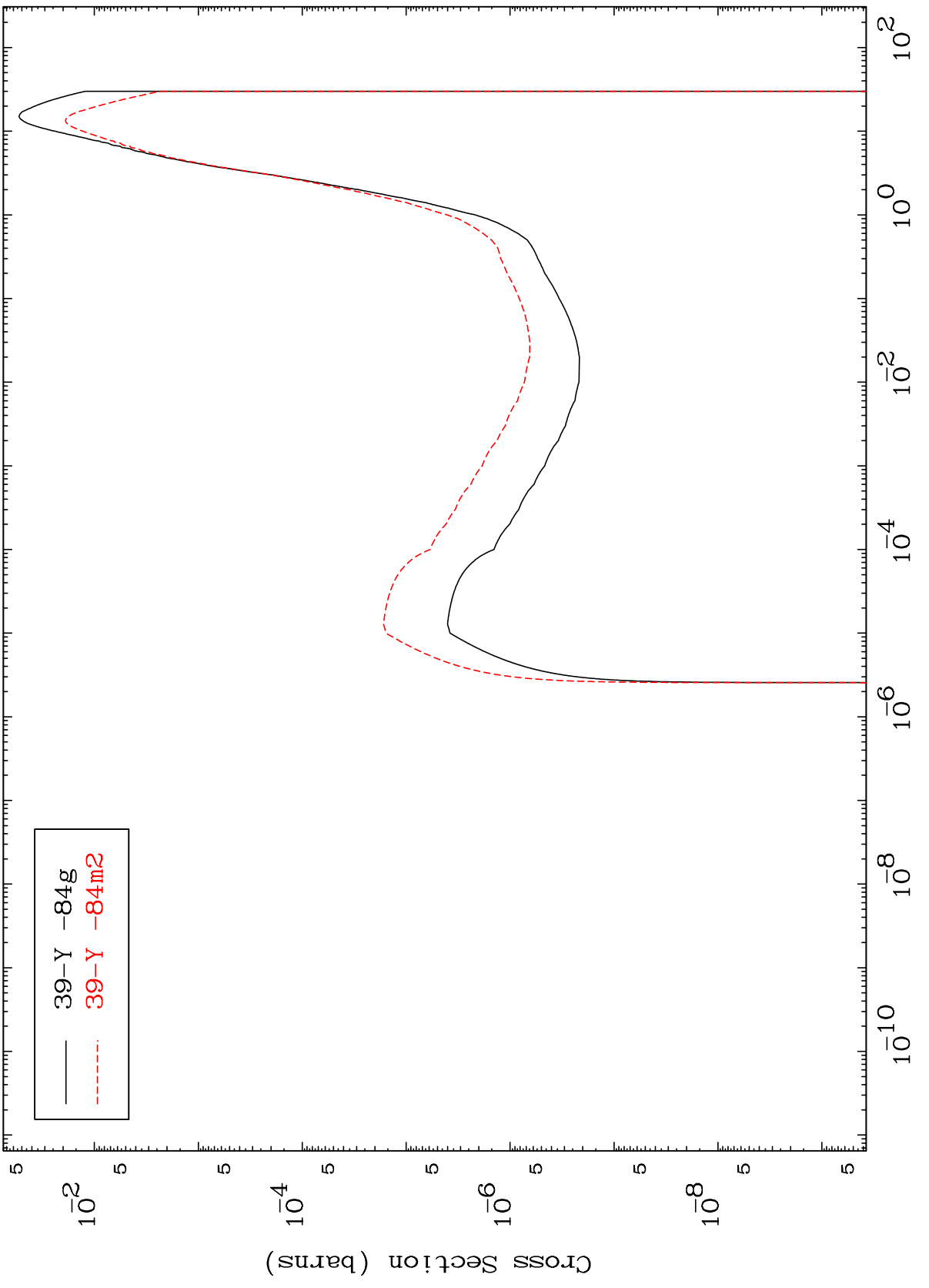
41-Nb-87

69

MAT 4107

41-Nb-87

Radionuclide Production Cross Section



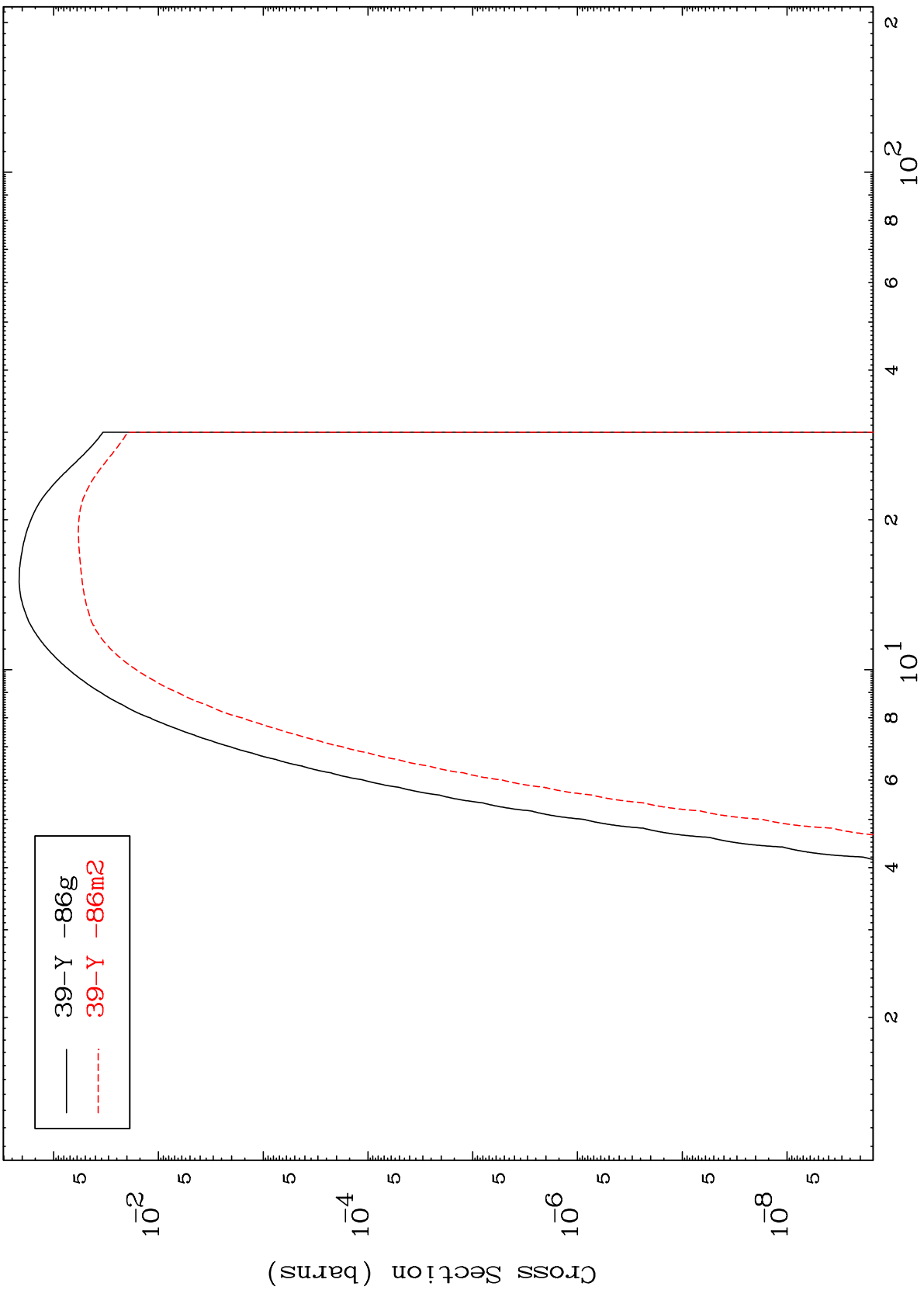
70

41-Nb-87

MAT 4107

41-Nb-87

(n,2p)
Radionuclide Production Cross Section



— 39-Y -86g
- - - 39-Y -86m2

71

Incident Energy (MeV)

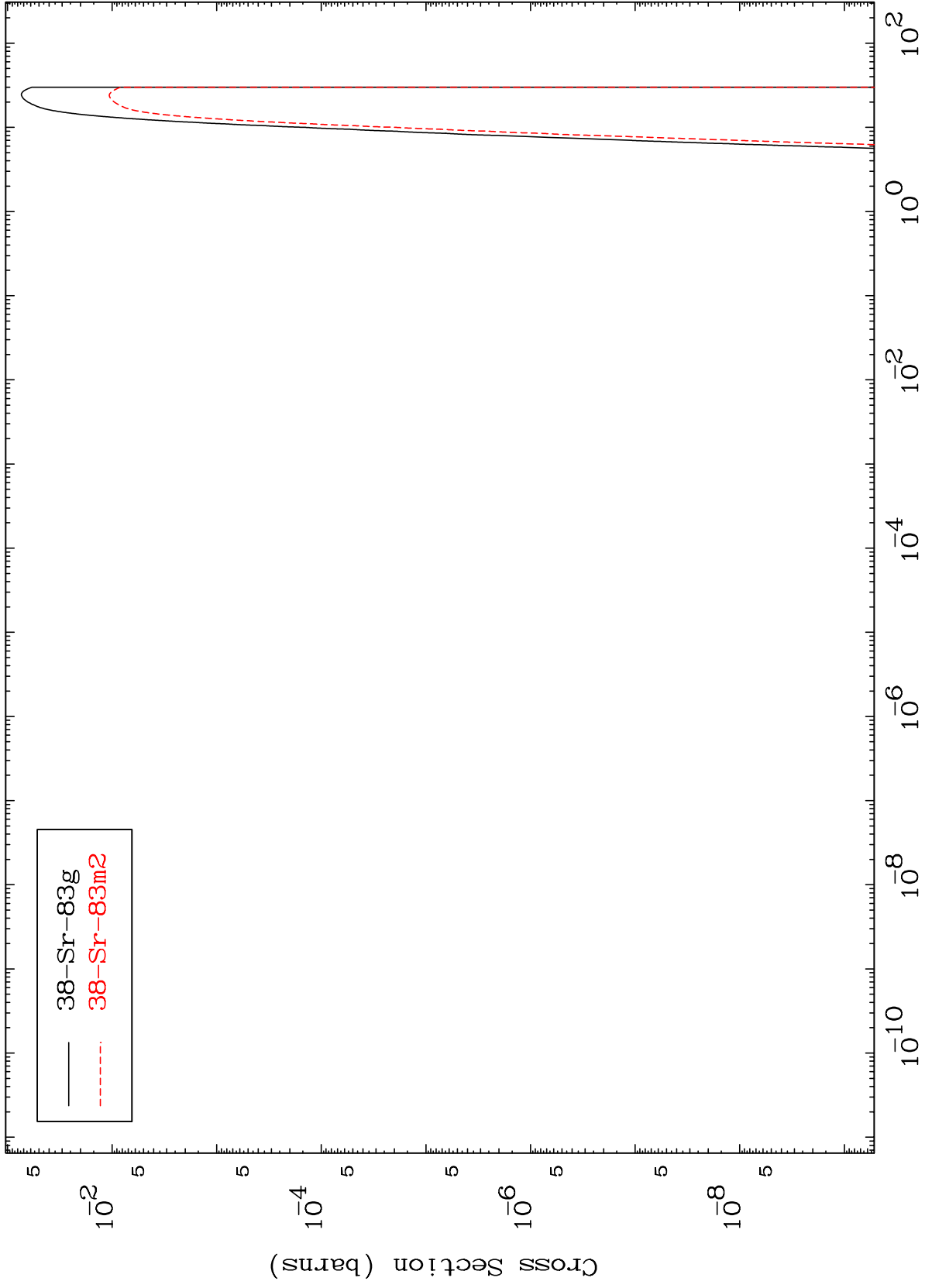
41-Nb-87

MAT 4107

(n,p) α

41-Nb-87

Radionuclide Production Cross Section



72

Incident Energy (MeV)

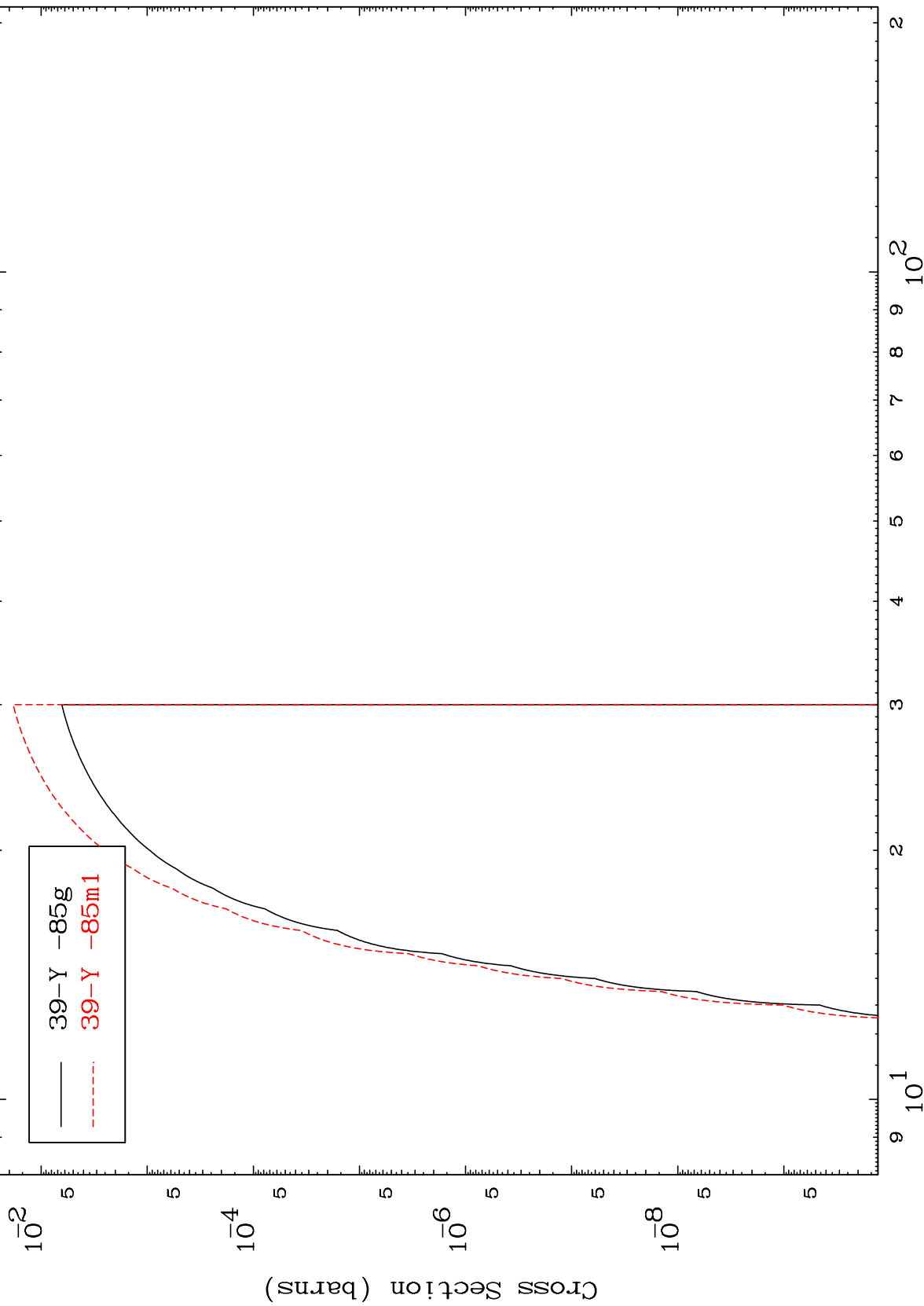
41-Nb-87

MAT 4107

(n,p) d

41-Nb-87

Radionuclide Production Cross Section



73

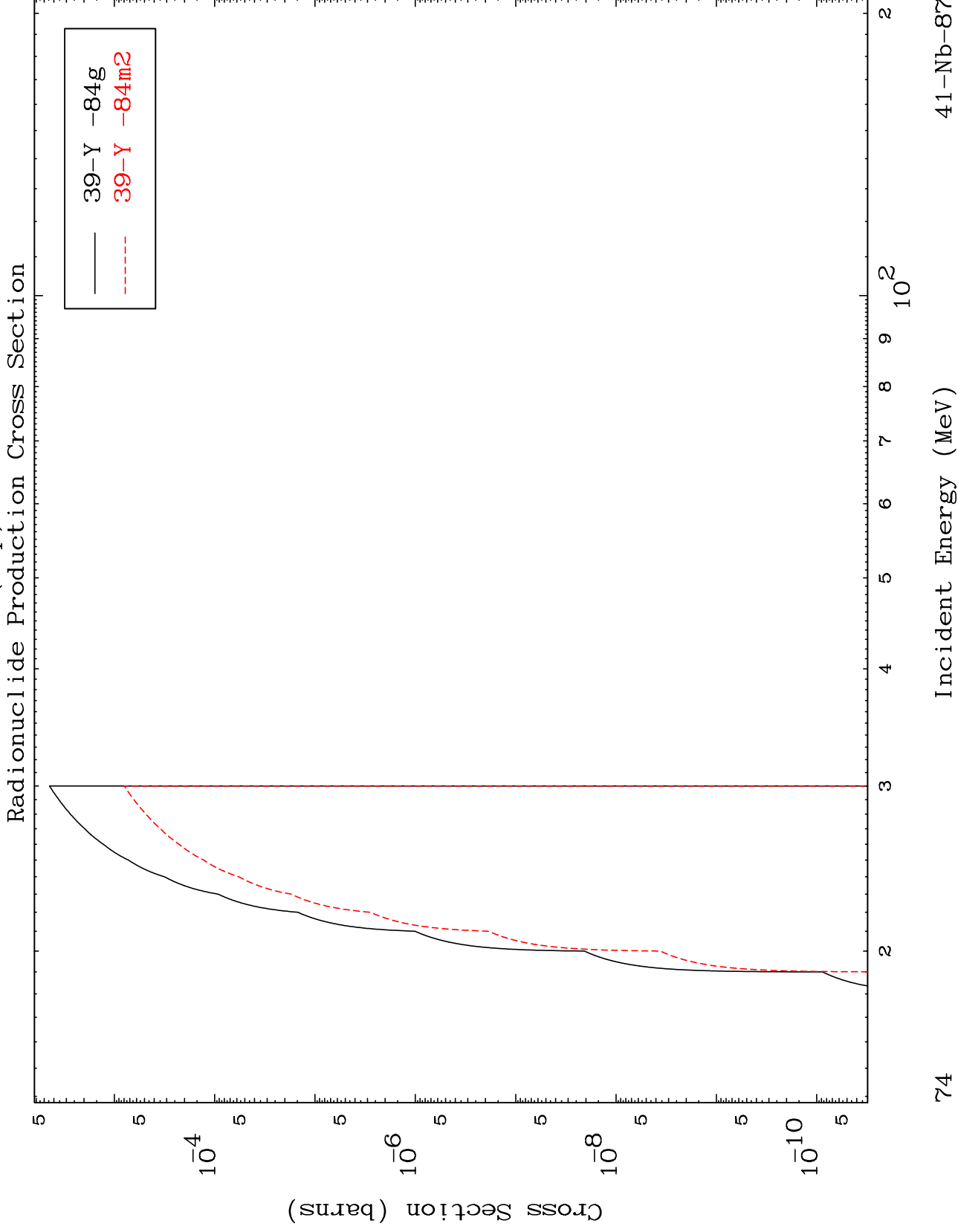
Incident Energy (MeV)

41-Nb-87

MAT 4107

(n,p) t

41-Nb-87



74

Incident Energy (MeV)

41-Nb-87