

Program EVALPLOT
(Version 2015-2)

by

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(Present Contact Information)

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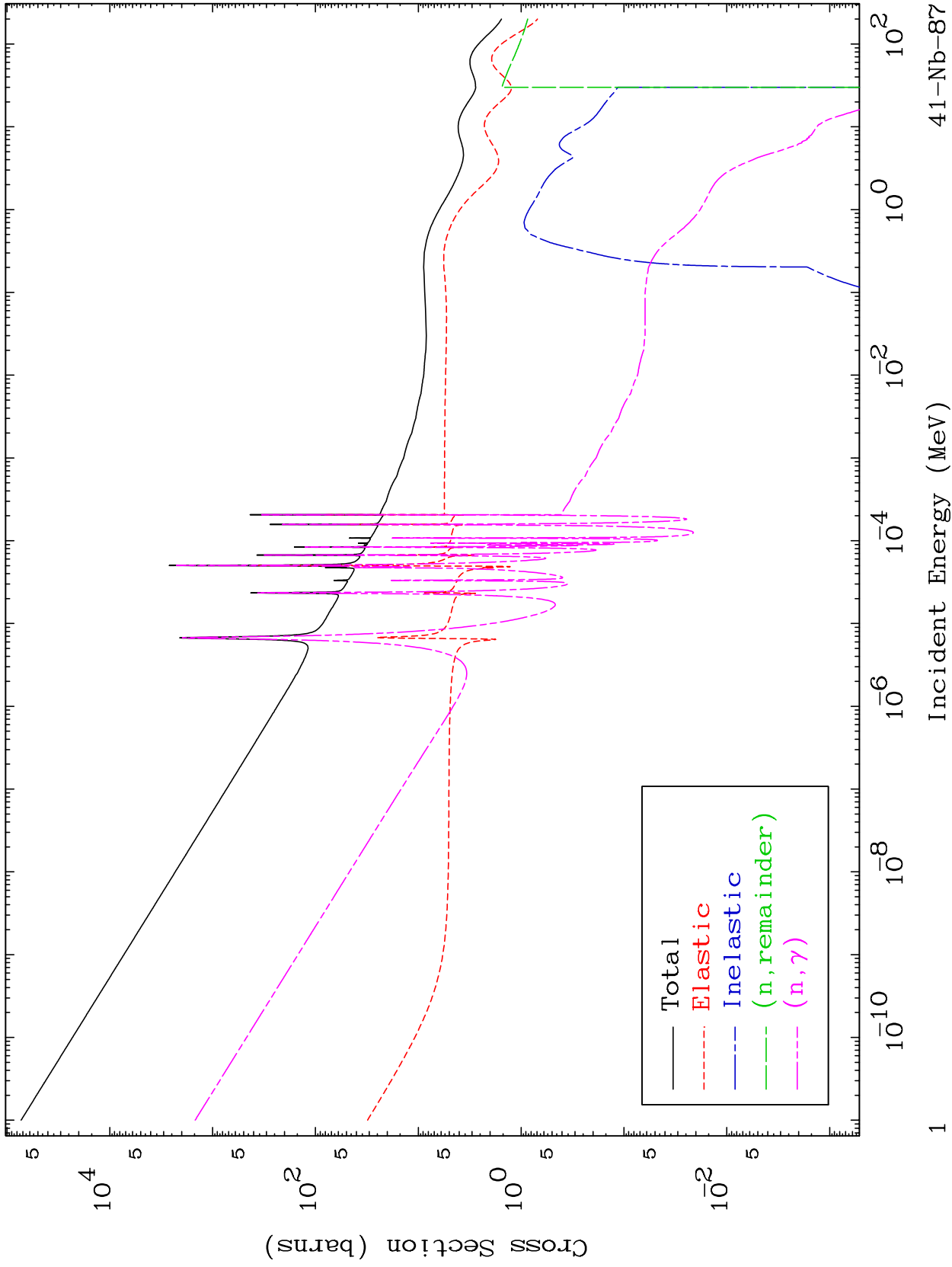
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

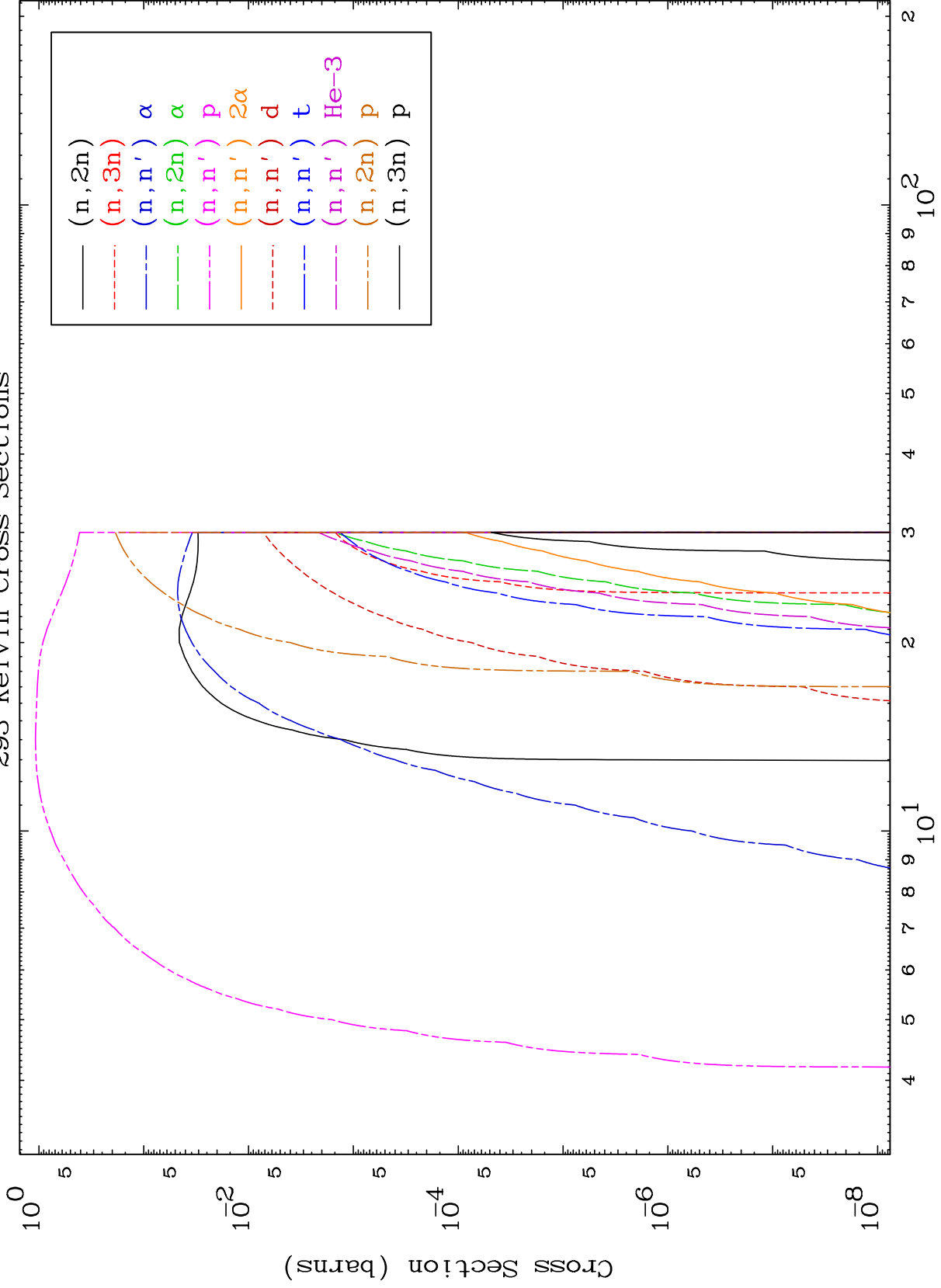
MAT 4107

Major
293 Kelvin Cross Sections

41-Nb-87



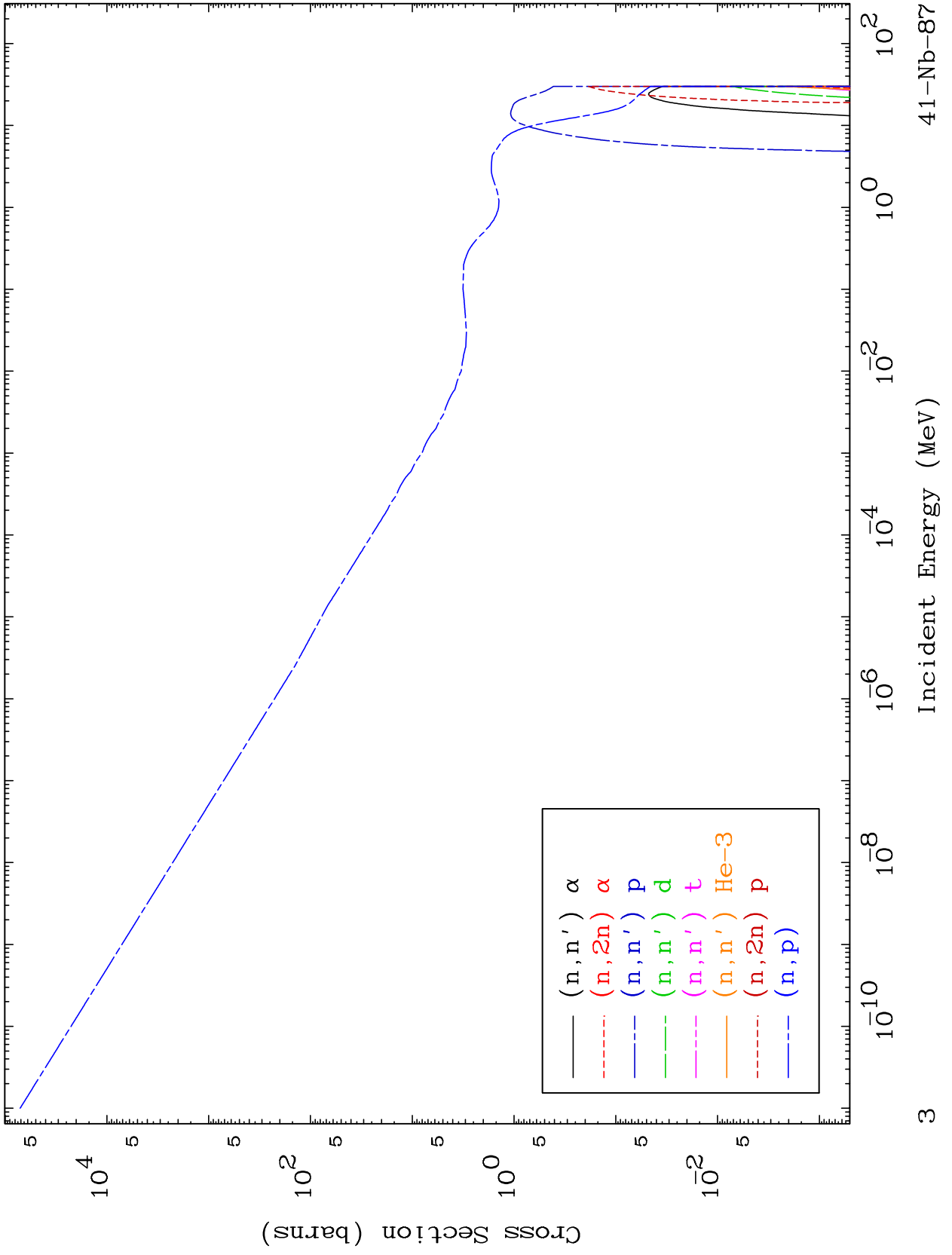
Neutron Production
293 Kelvin Cross Sections



MAT 4107

Charged Particle
293 Kelvin Cross Sections

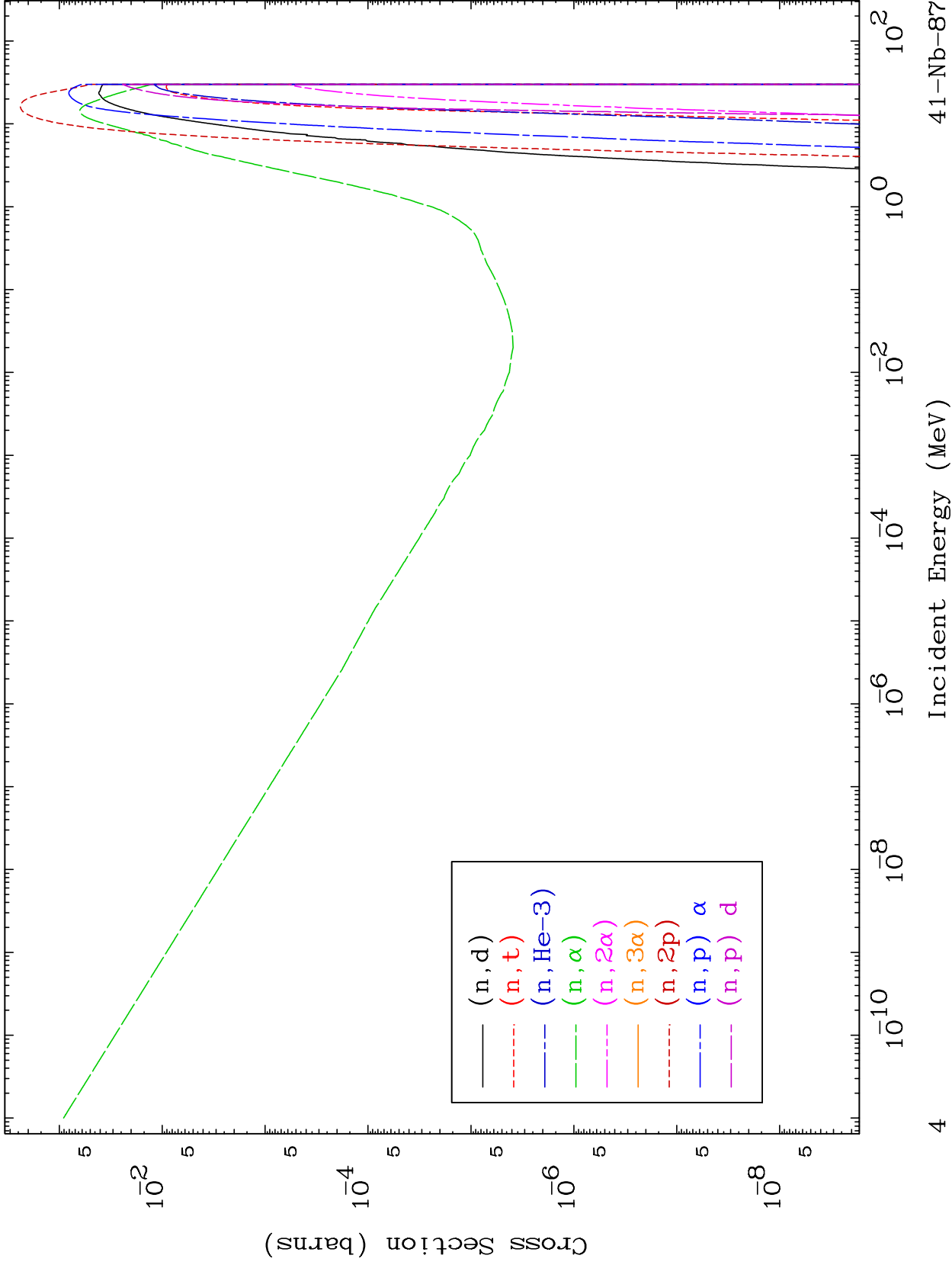
41-Nb-87

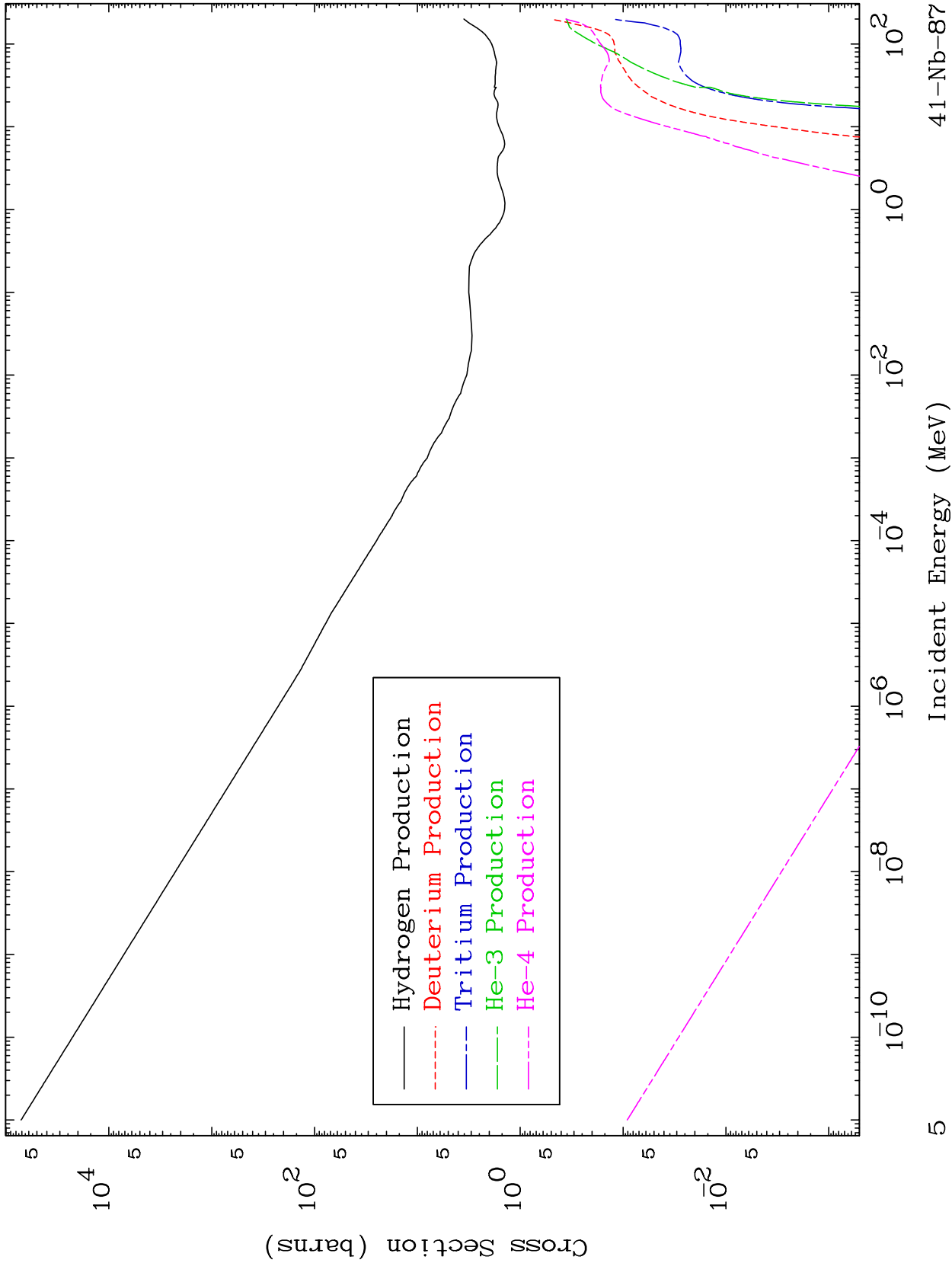


MAT 4107

Charged Particle
293 Kelvin Cross Sections

41-Nb-87

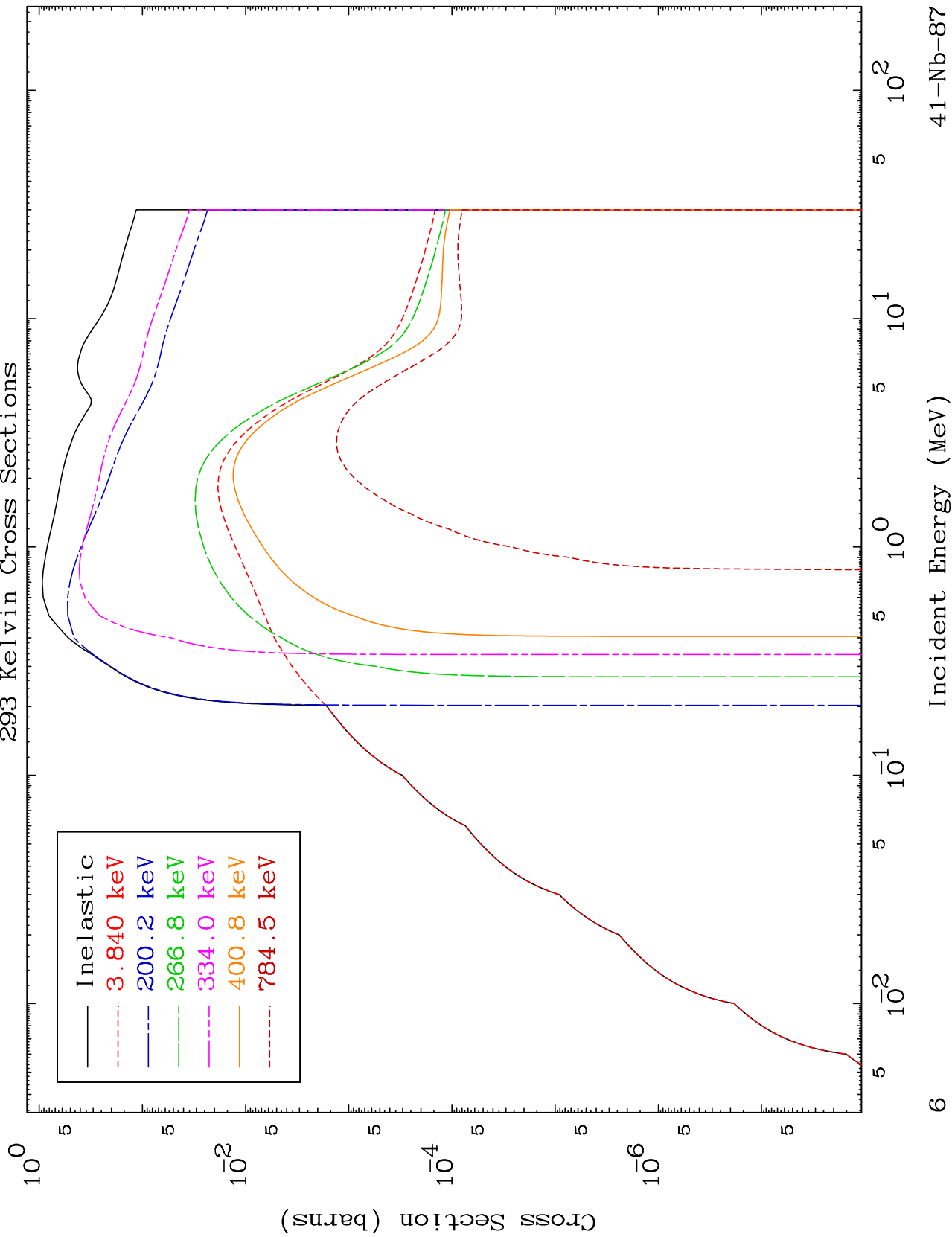




MAT 4107

41-Nb-87

(n,n') Level
293 Kelvin Cross Sections



41-Nb-87

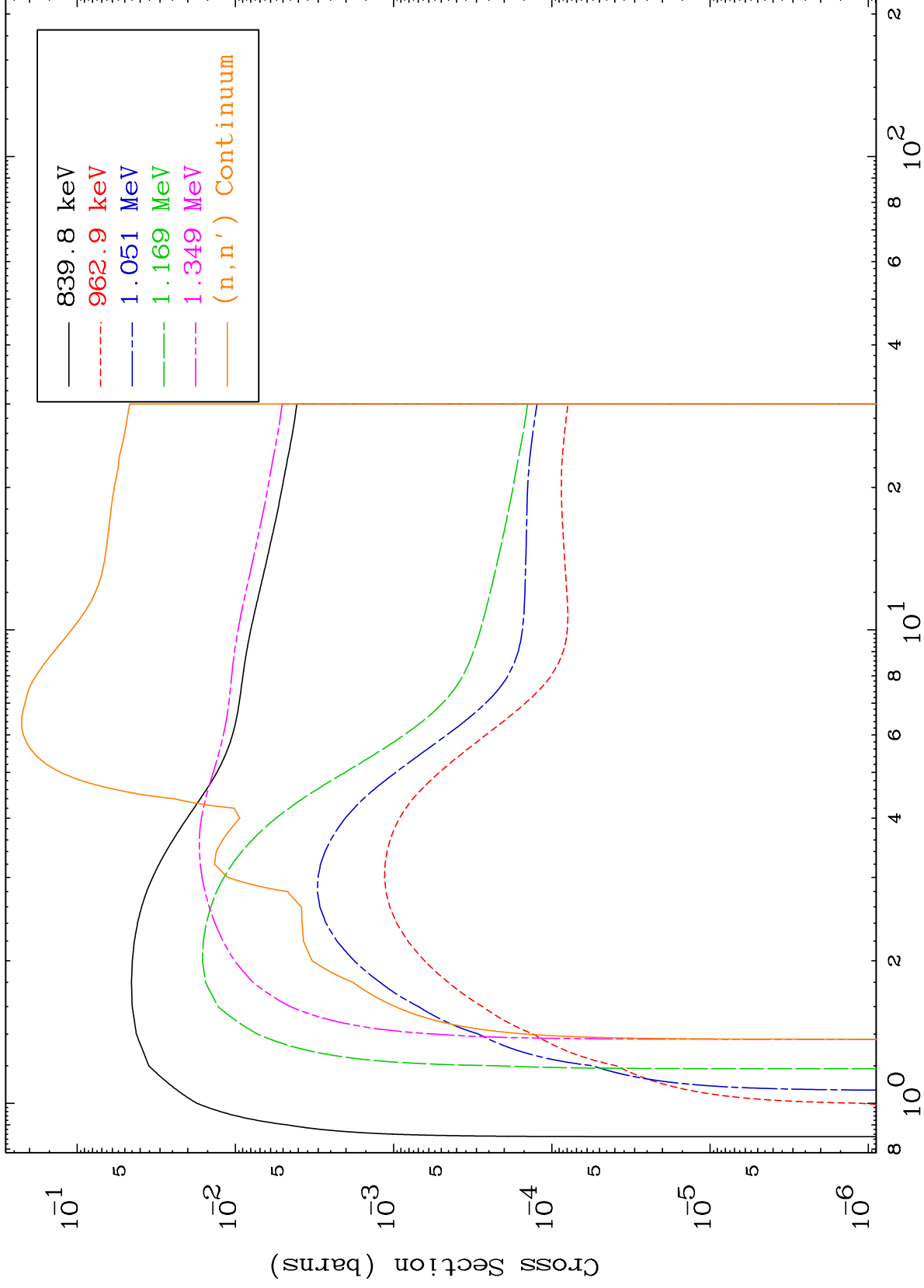
Incident Energy (MeV)

6

MAT 4107

(n,n') Level
293 Kelvin Cross Sections

41-Nb-87



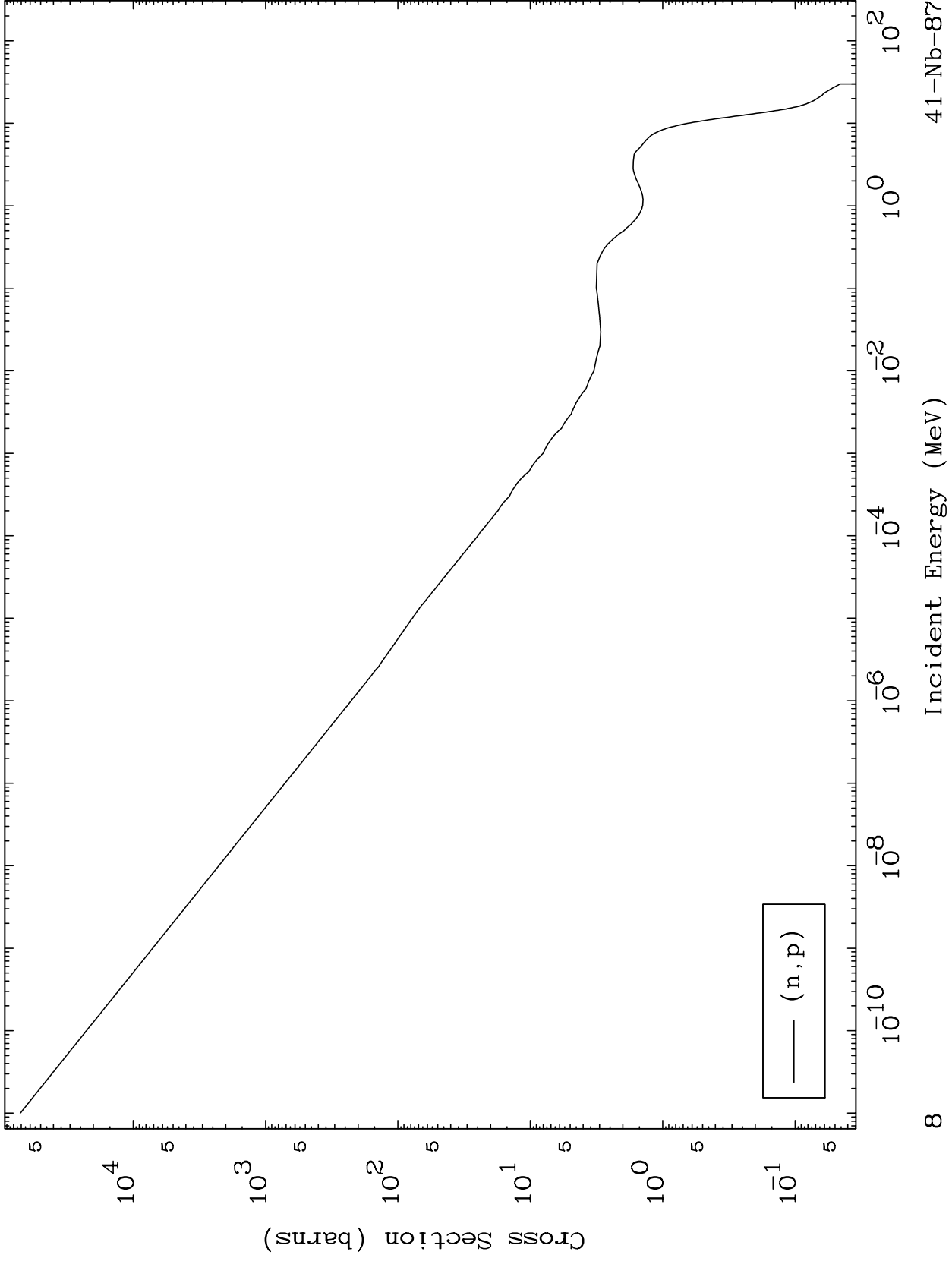
Incident Energy (MeV)

41-Nb-87

MAT 4107

(n,p) Levels
293 Kelvin Cross Sections

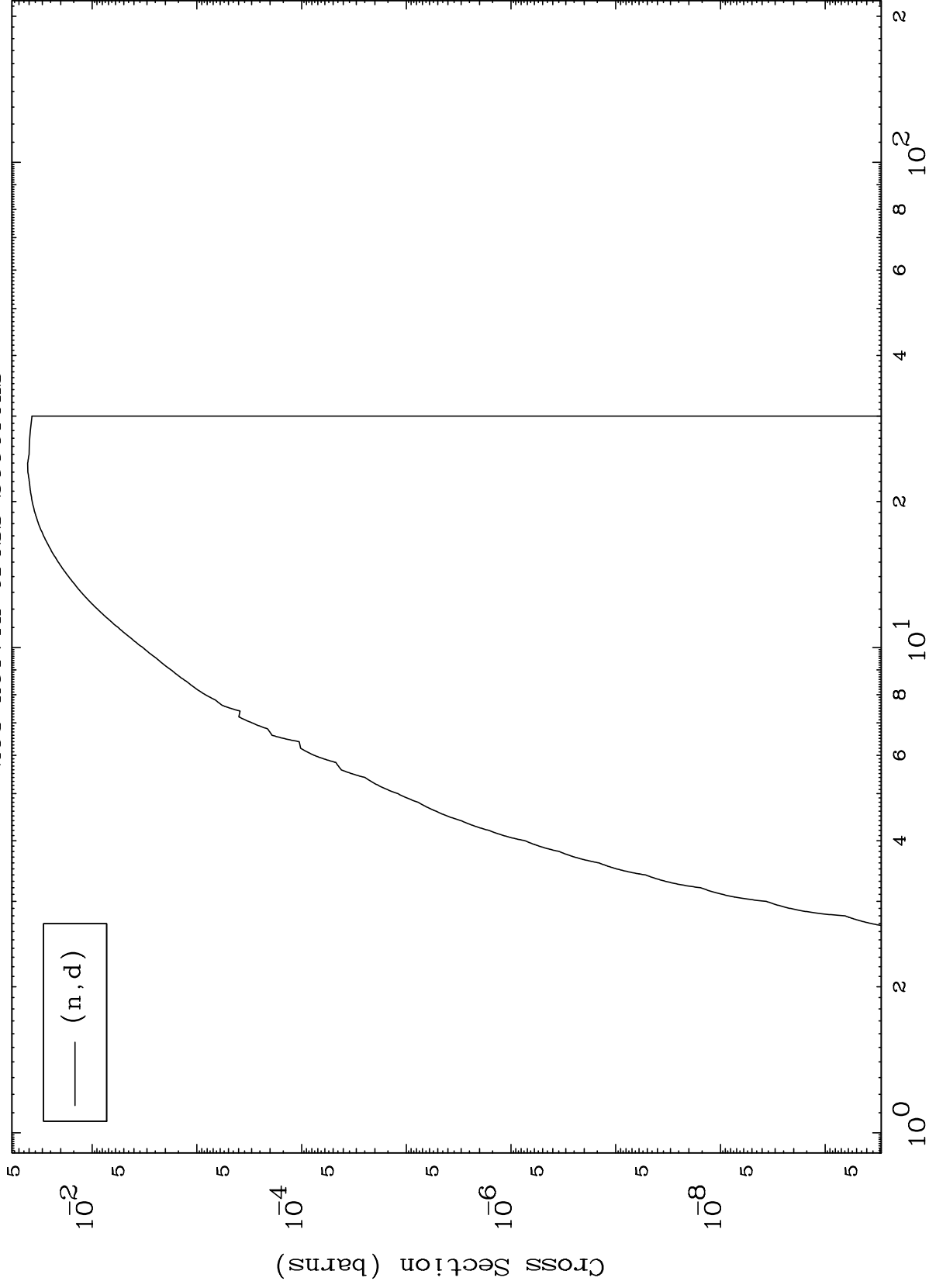
41-Nb-87



MAT 4107

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-87



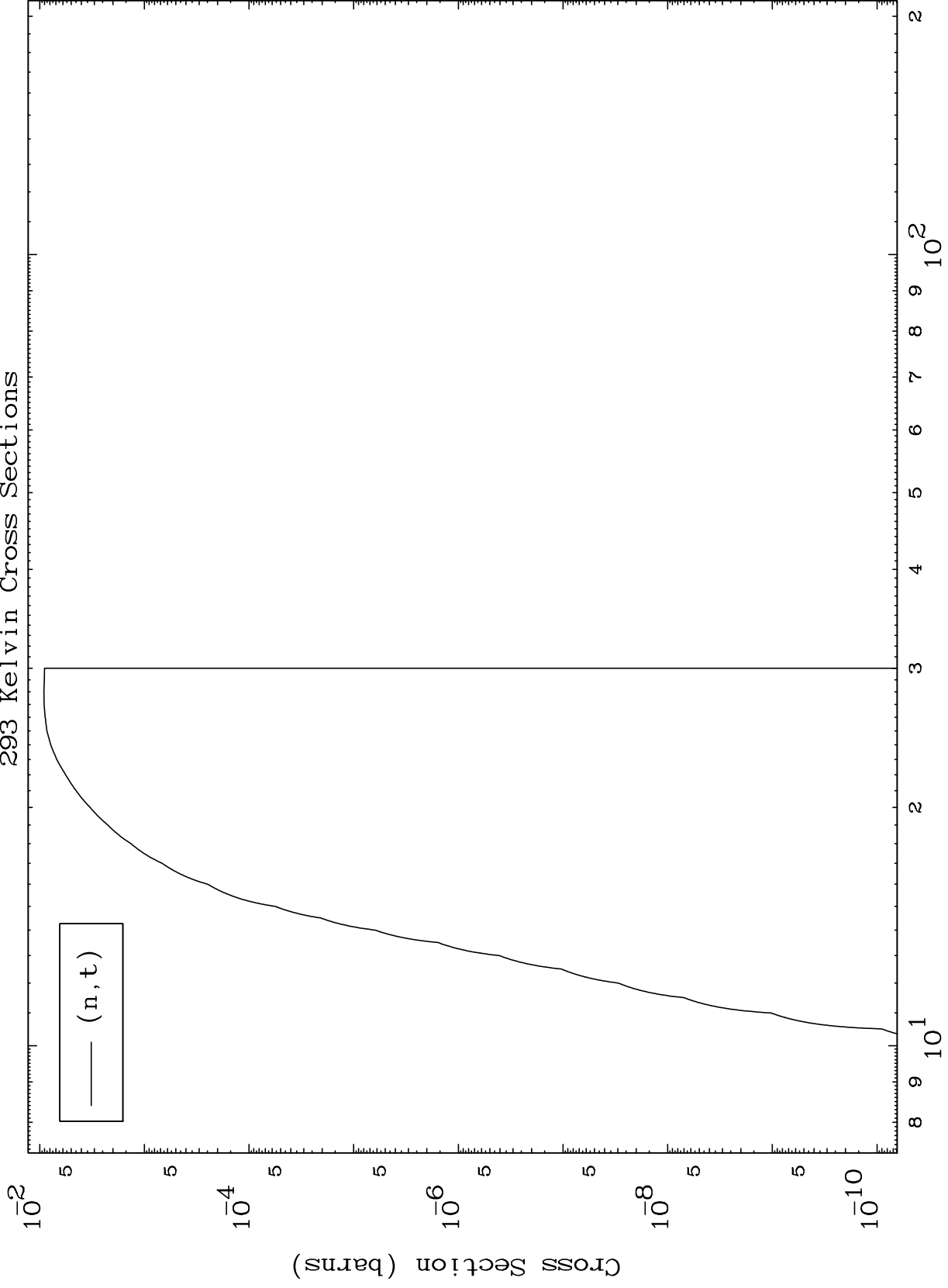
Incident Energy (MeV)

41-Nb-87

MAT 4107

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-87



10

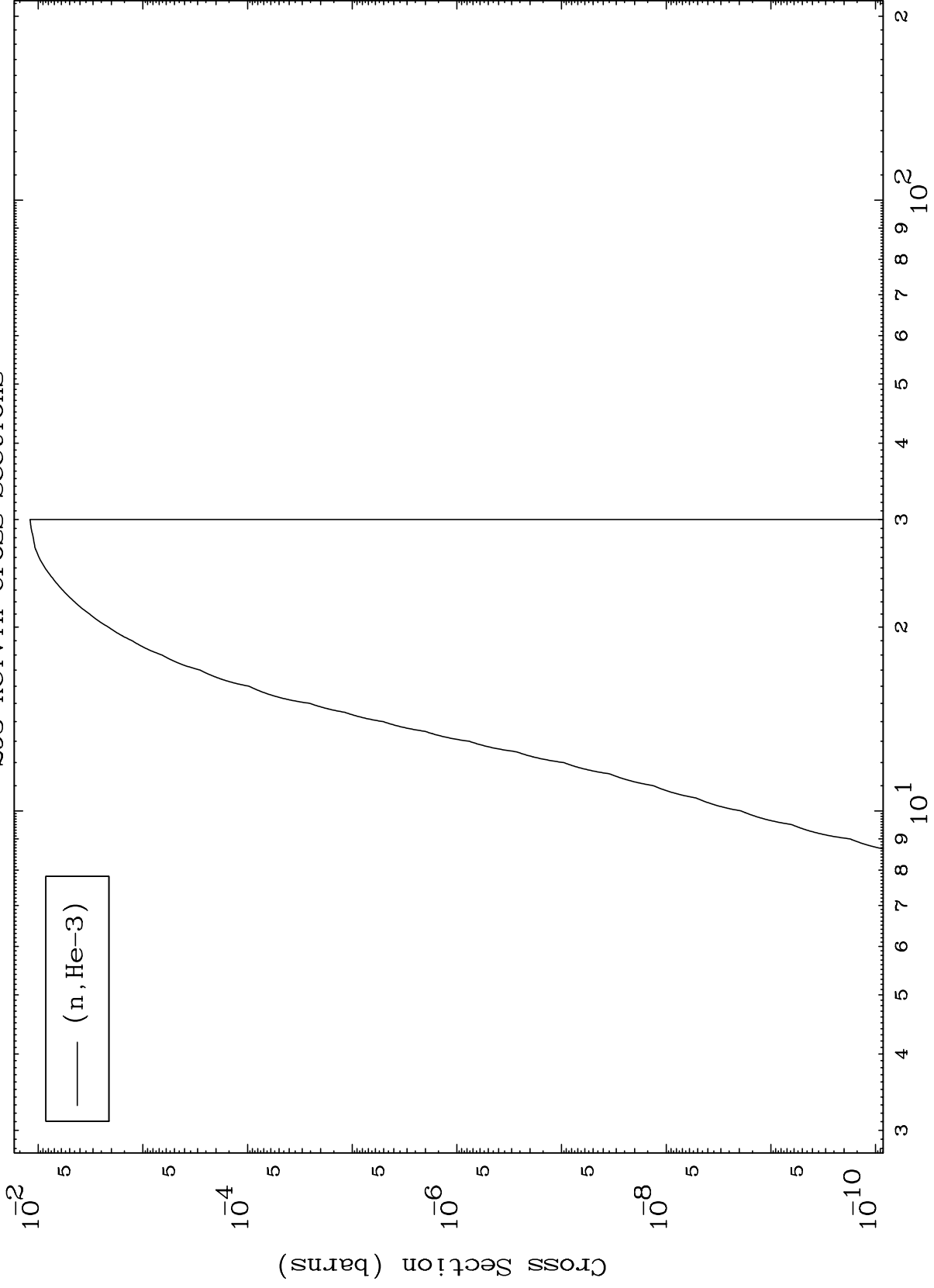
Incident Energy (MeV)

41-Nb-87

MAT 4107

(n,He3) Levels
293 Kelvin Cross Sections

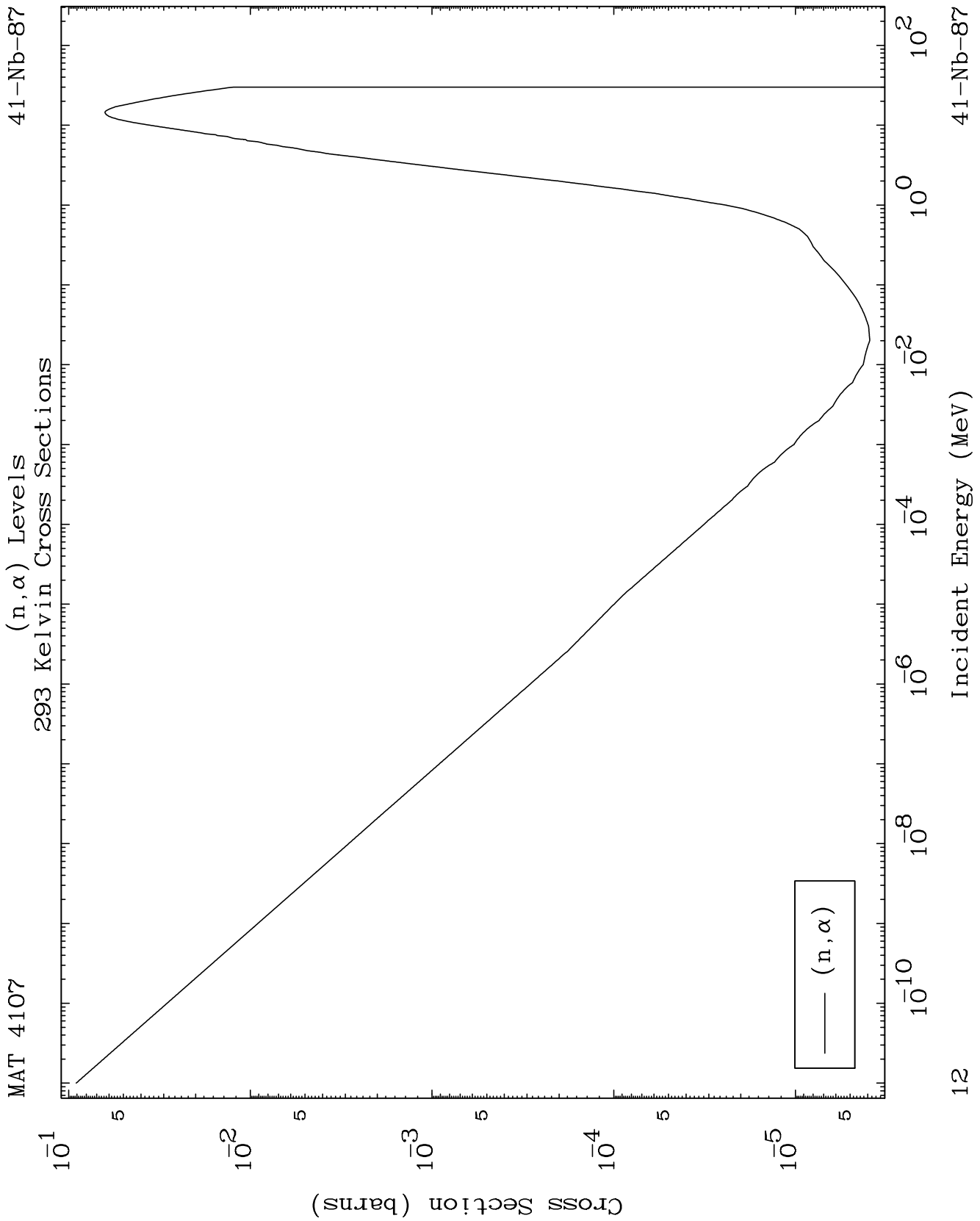
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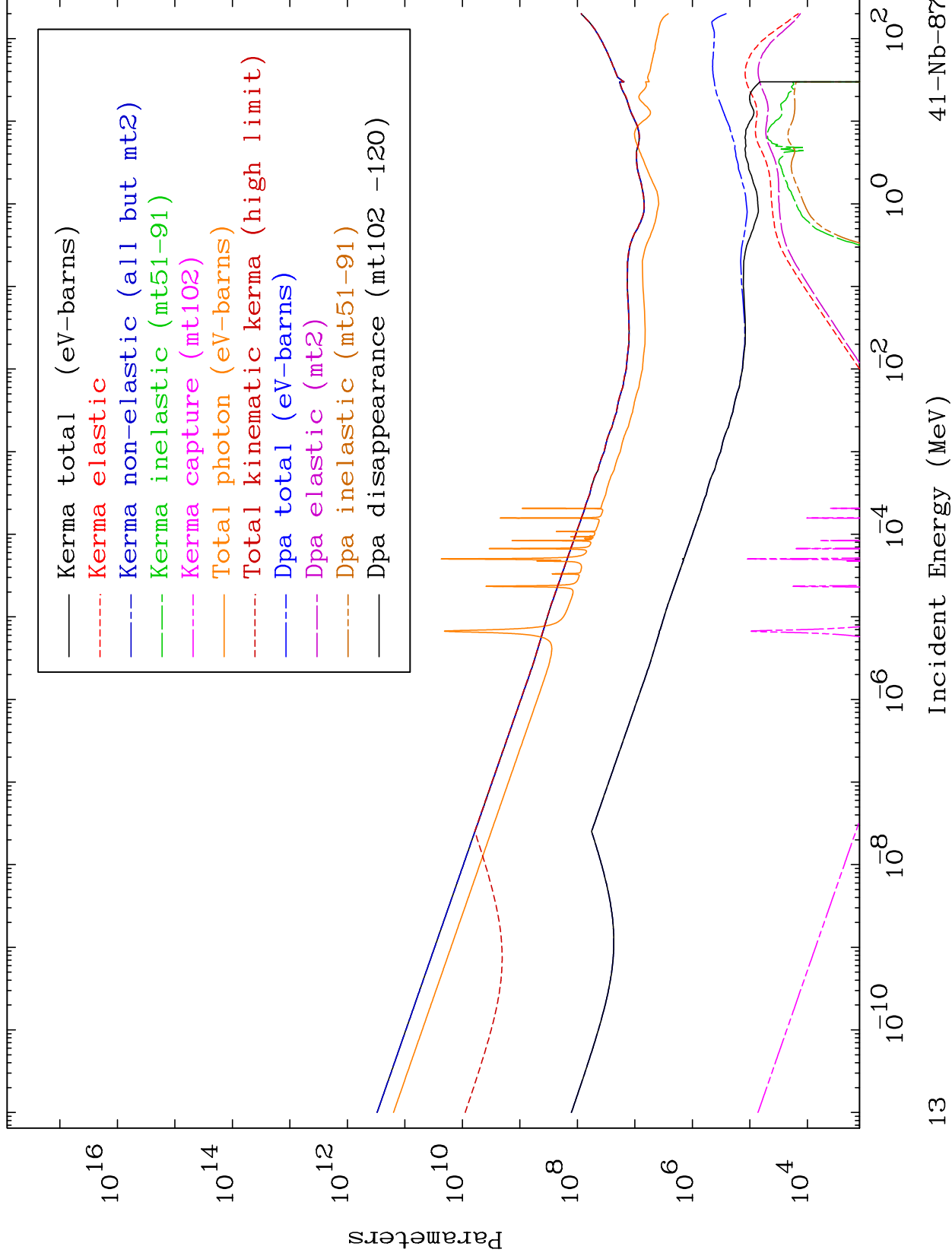


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Incident Energy (MeV)

41-Nb-87

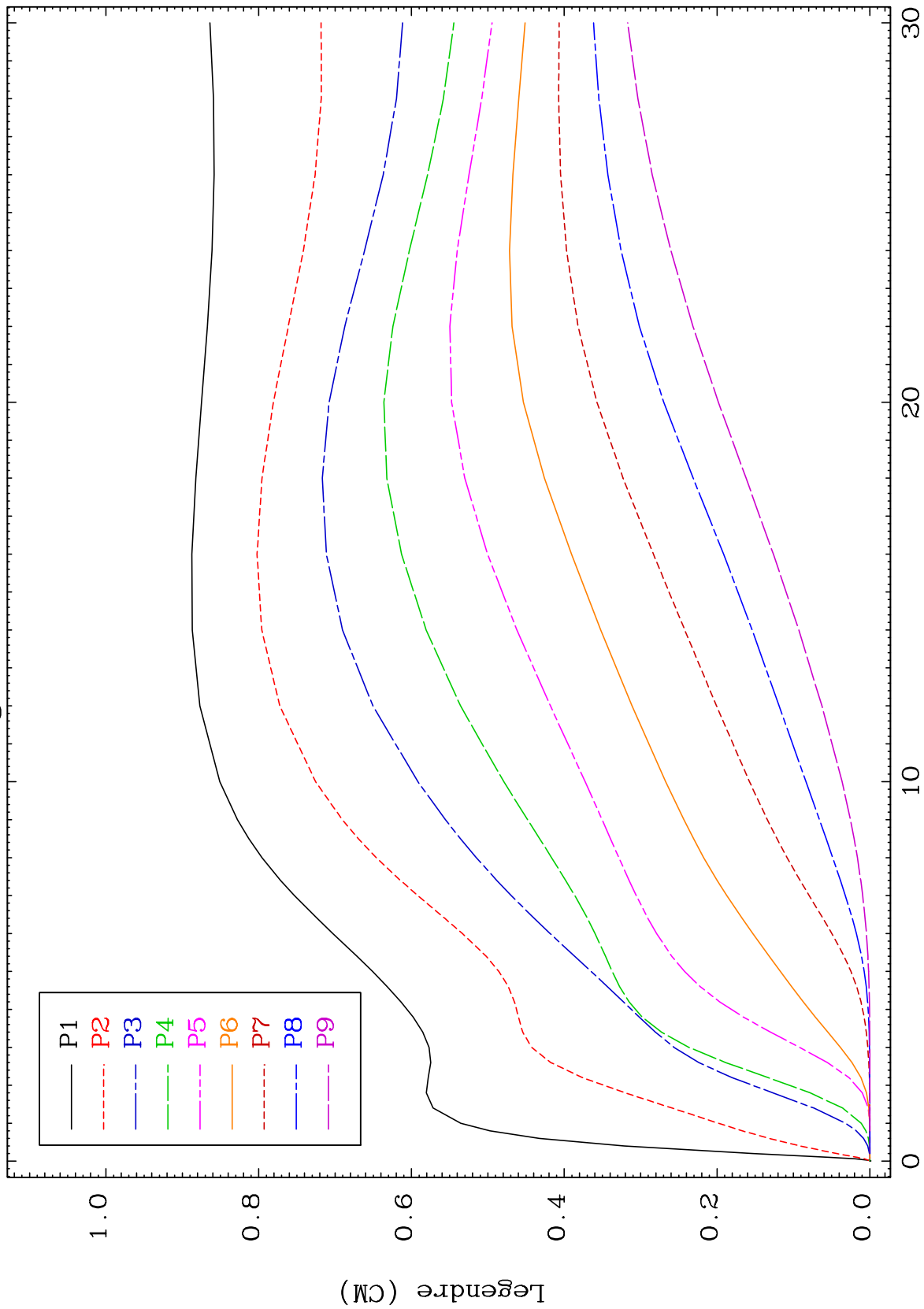




MAT 4107

Elastic Legendre Coefficients

41-Nb-87



14

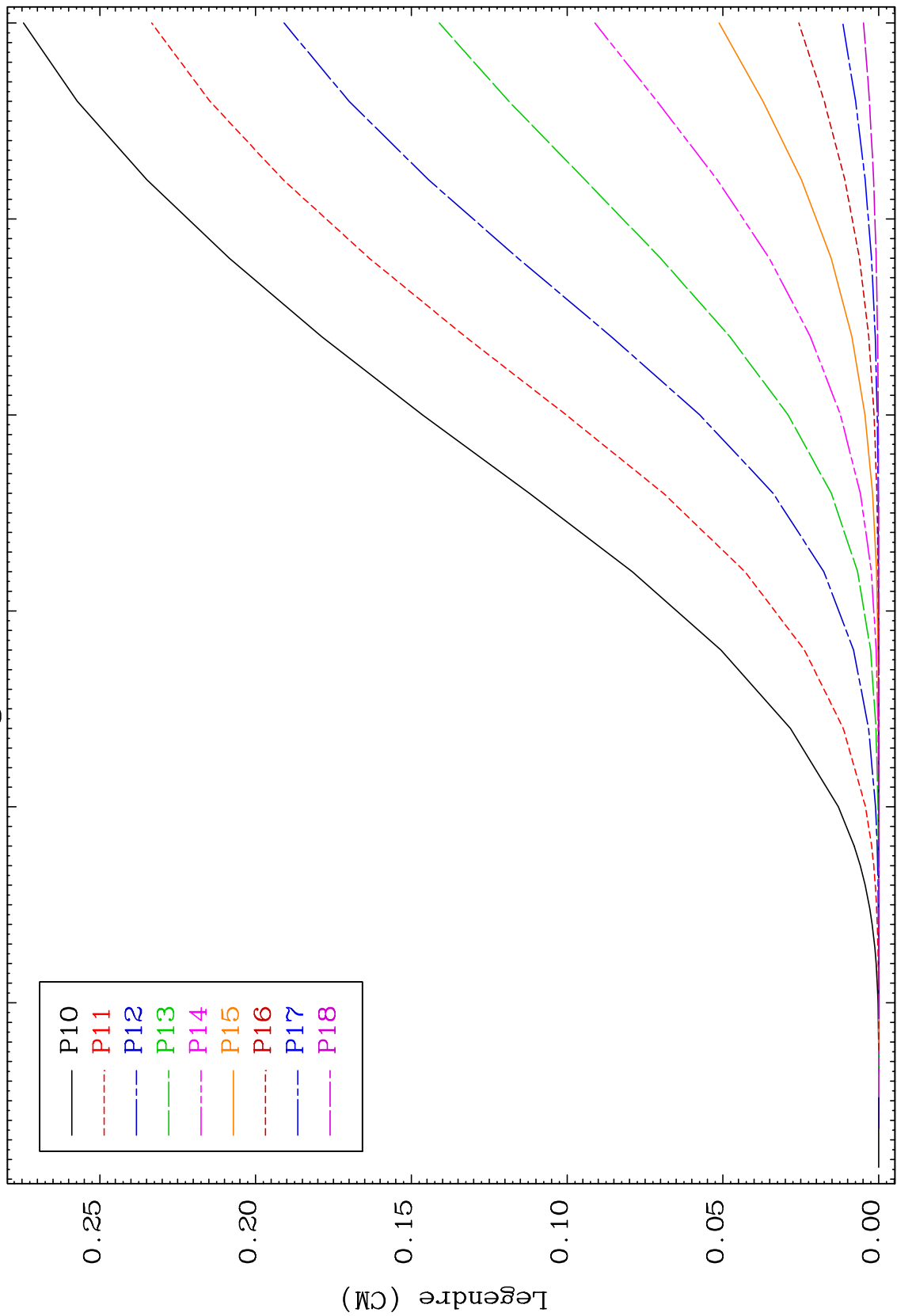
Incident Energy (MeV)

41-Nb-87

MAT 4107

Elastic
Legendre Coefficients

41-Nb-87



15

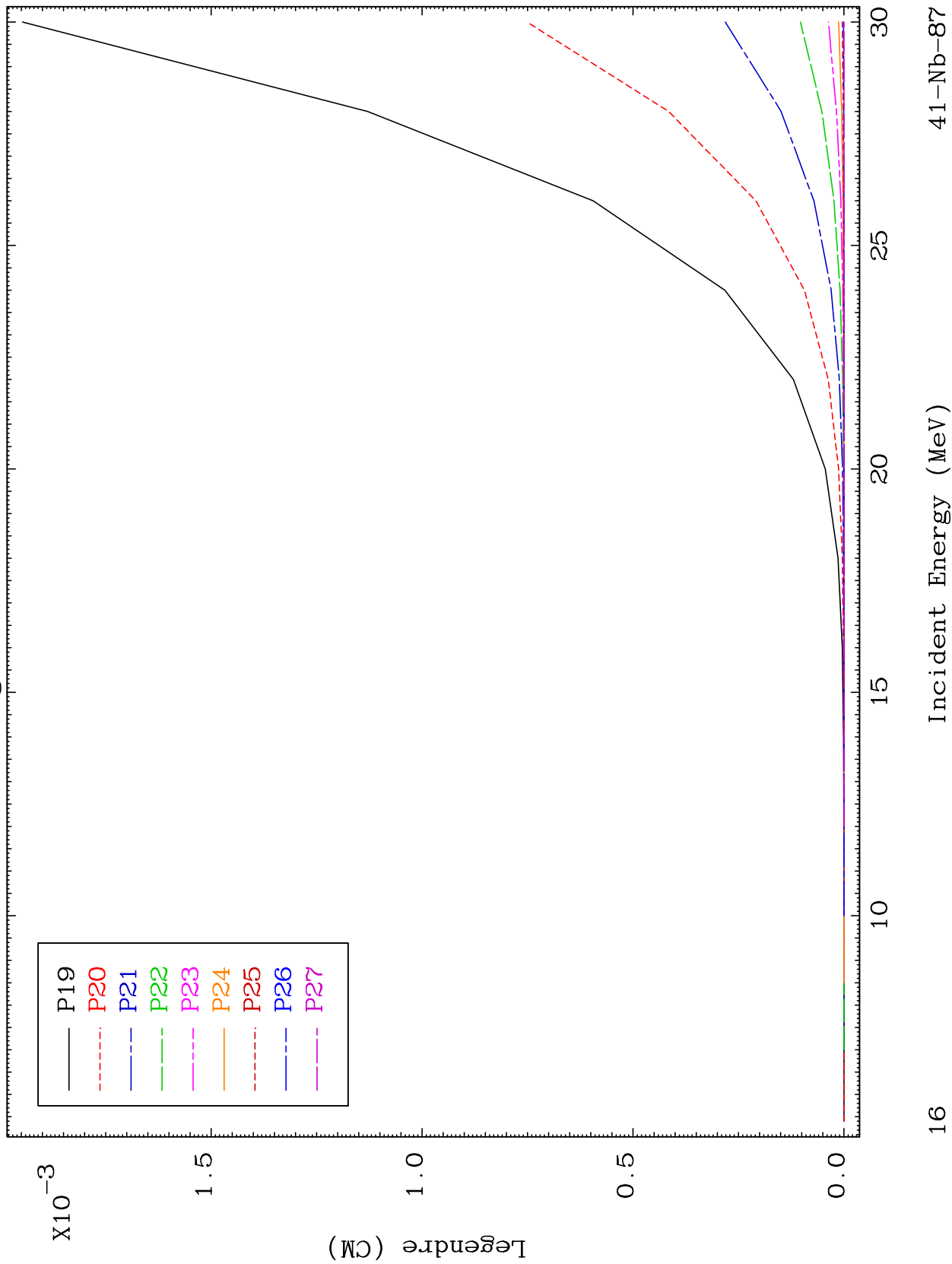
Incident Energy (MeV)

41-Nb-87

MAT 4107

Elastic
Legendre Coefficients

41-Nb-87



16

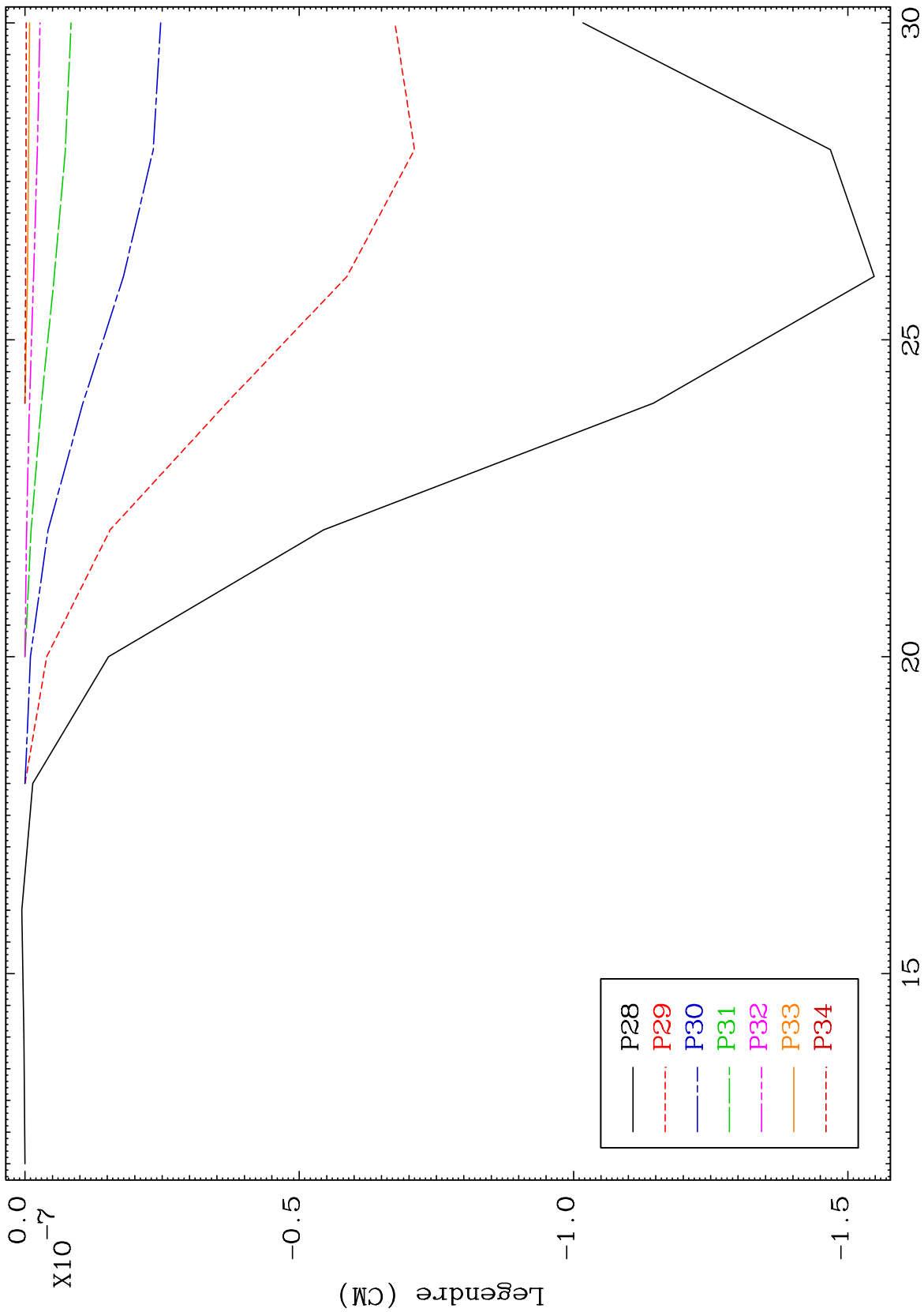
Incident Energy (MeV)

41-Nb-87

MAT 4107

41-Nb-87

Elastic Legendre Coefficients



17

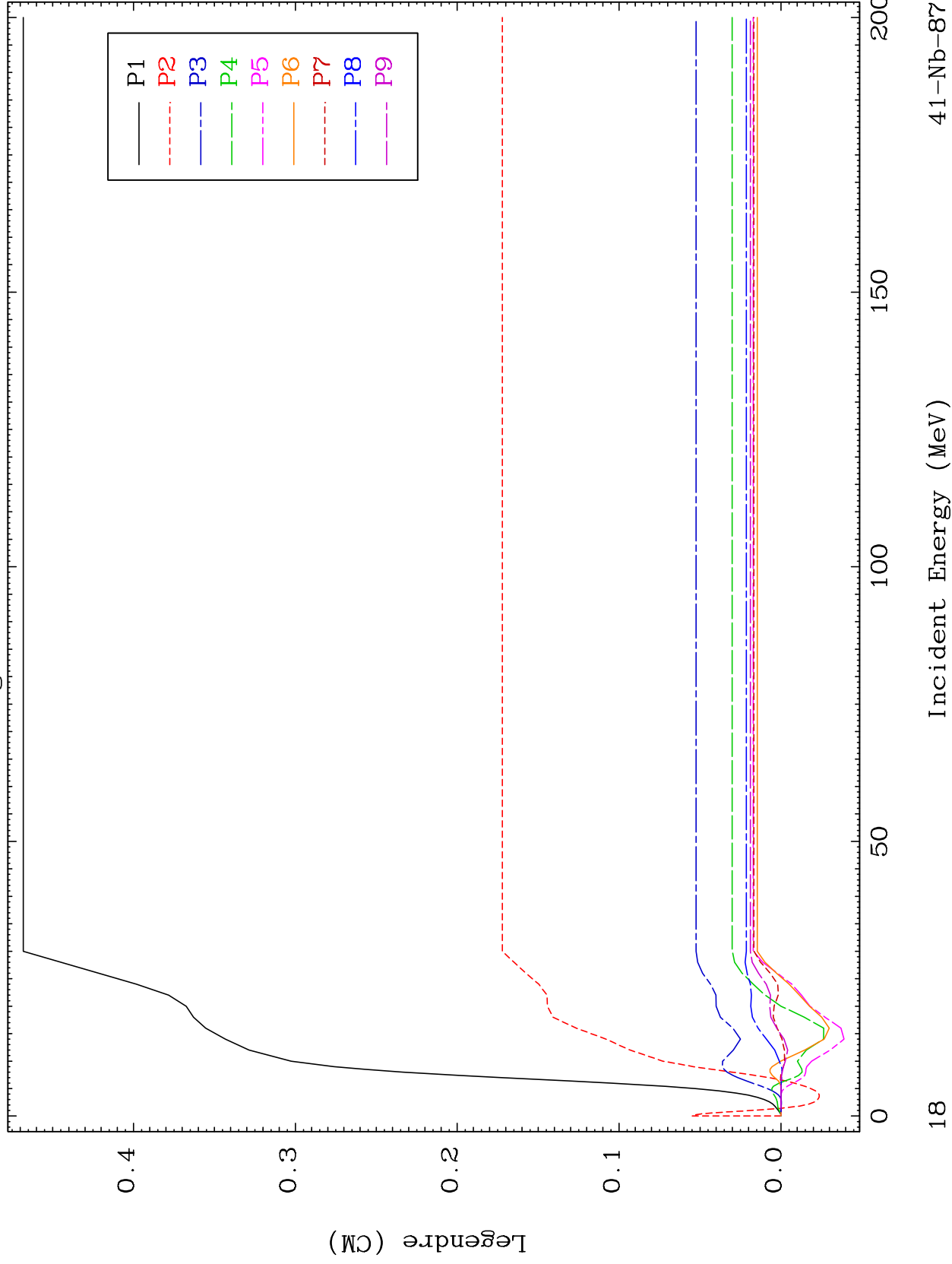
Incident Energy (MeV)

41-Nb-87

MAT 4107

3.840 keV (n,n') Level
Legendre Coefficients

41-Nb-87



41-Nb-87

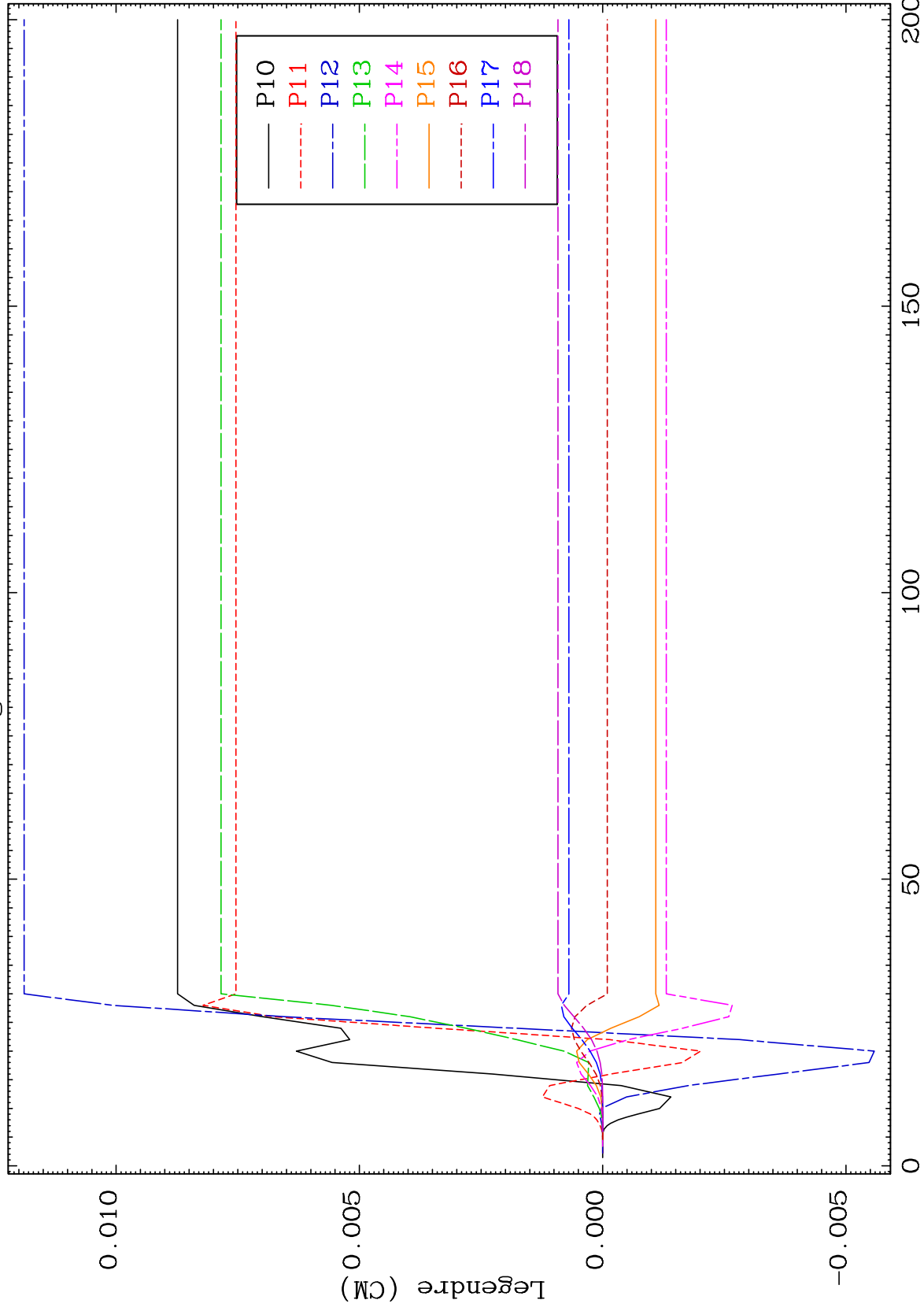
Incident Energy (MeV)

18

MAT 4107

3.840 keV (n,n') Level
Legendre Coefficients

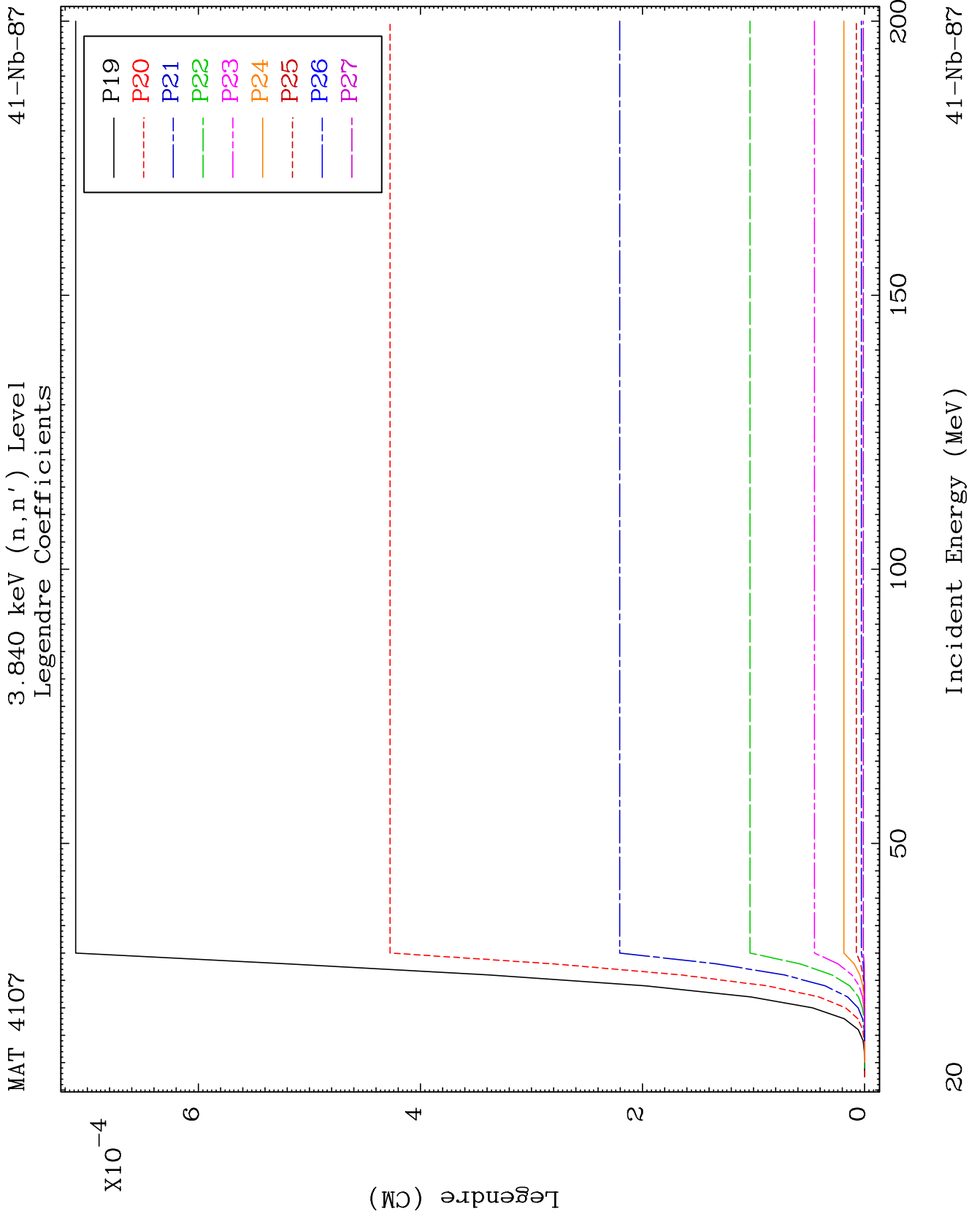
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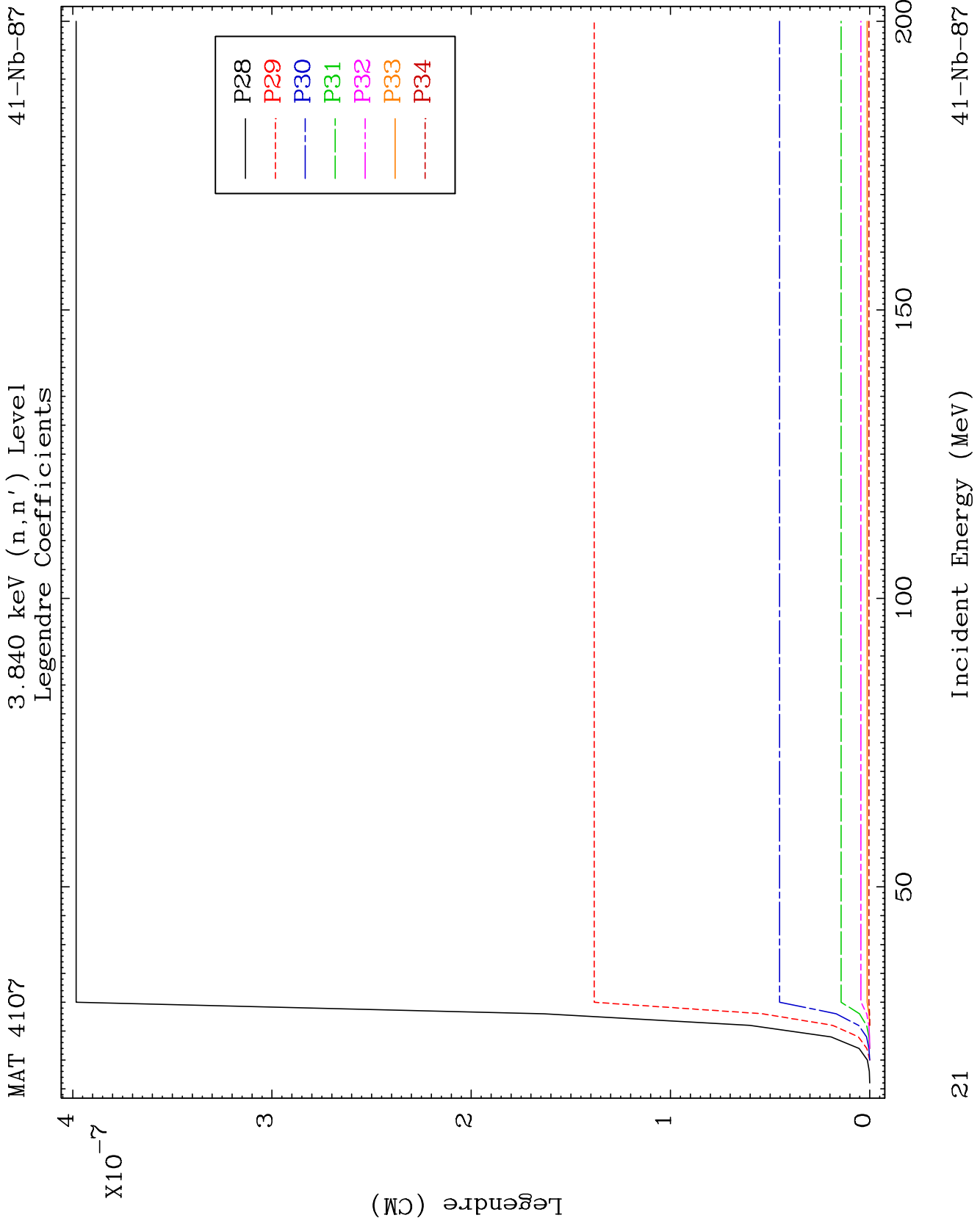


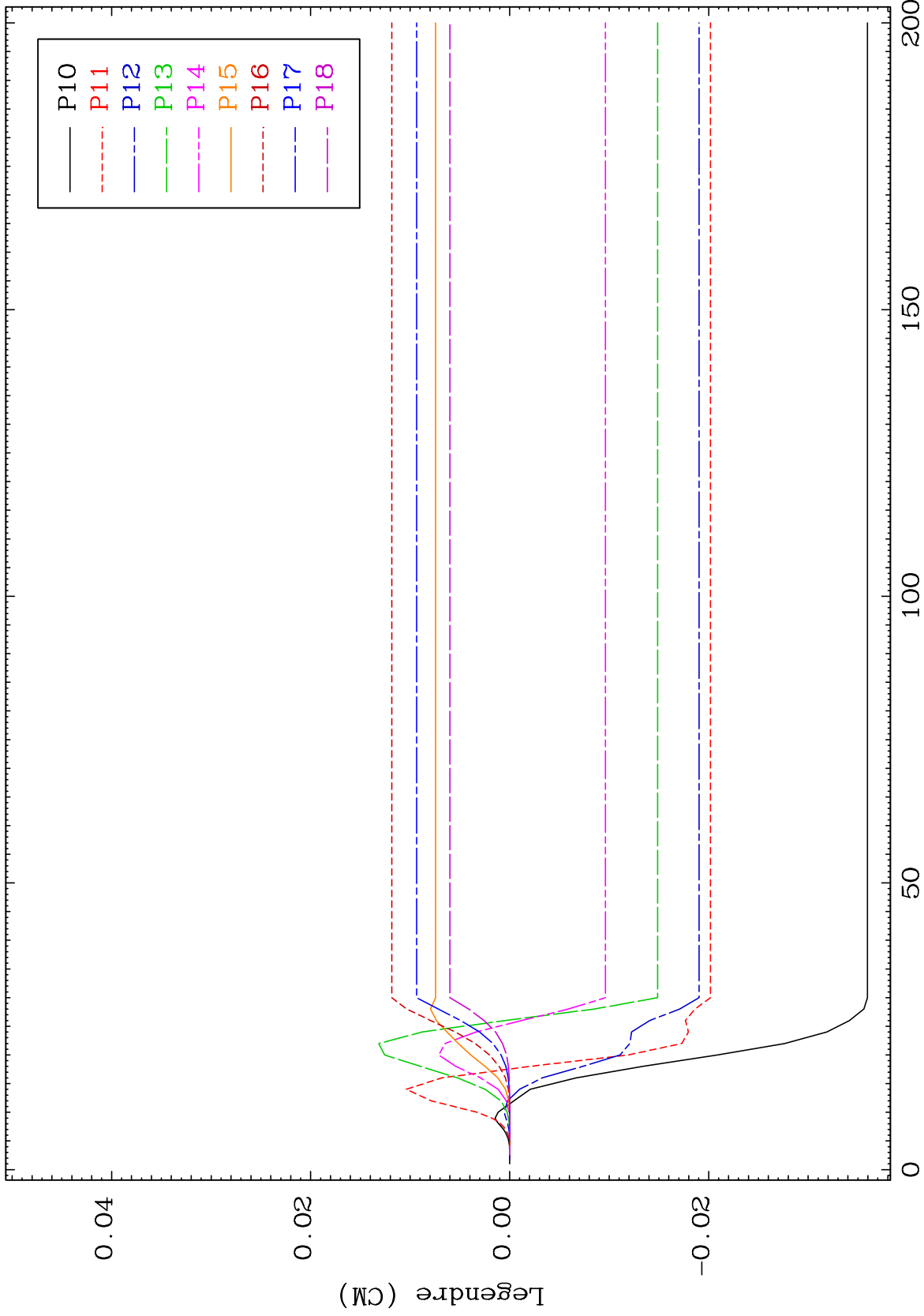
19

Incident Energy (MeV)

41-Nb-87



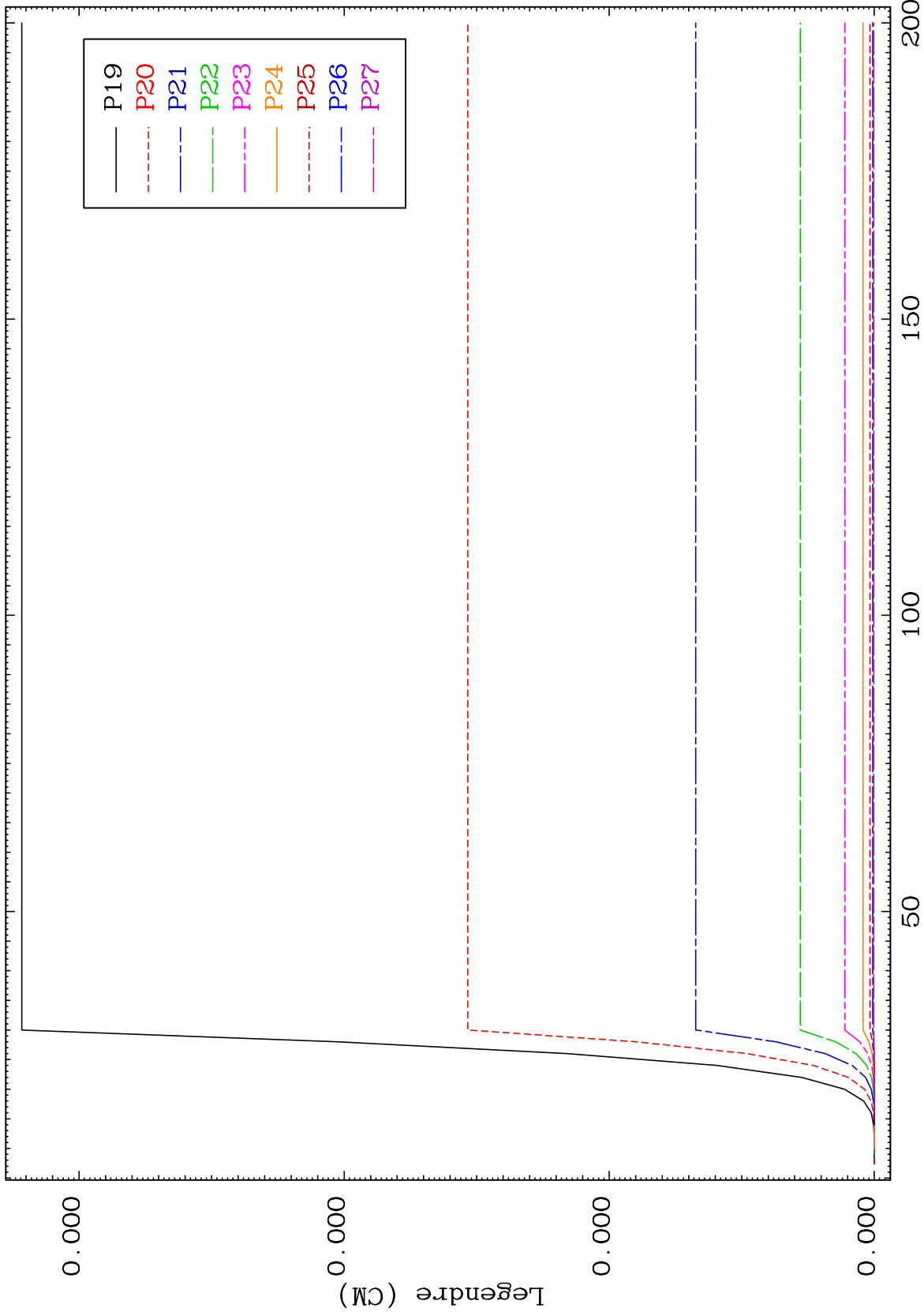




MAT 4107

200.2 keV (n,n') Level
Legendre Coefficients

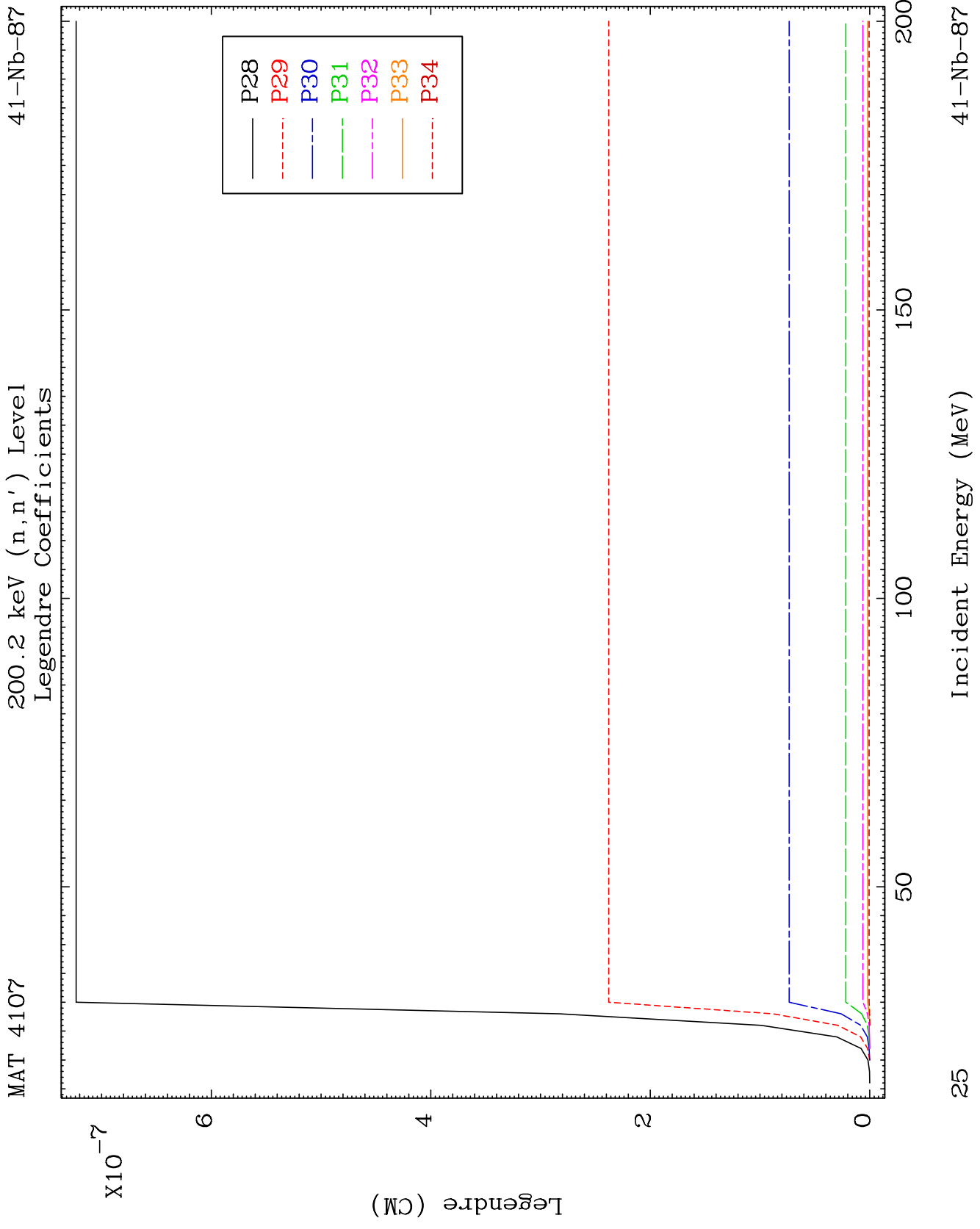
41-Nb-87



24

Incident Energy (MeV)

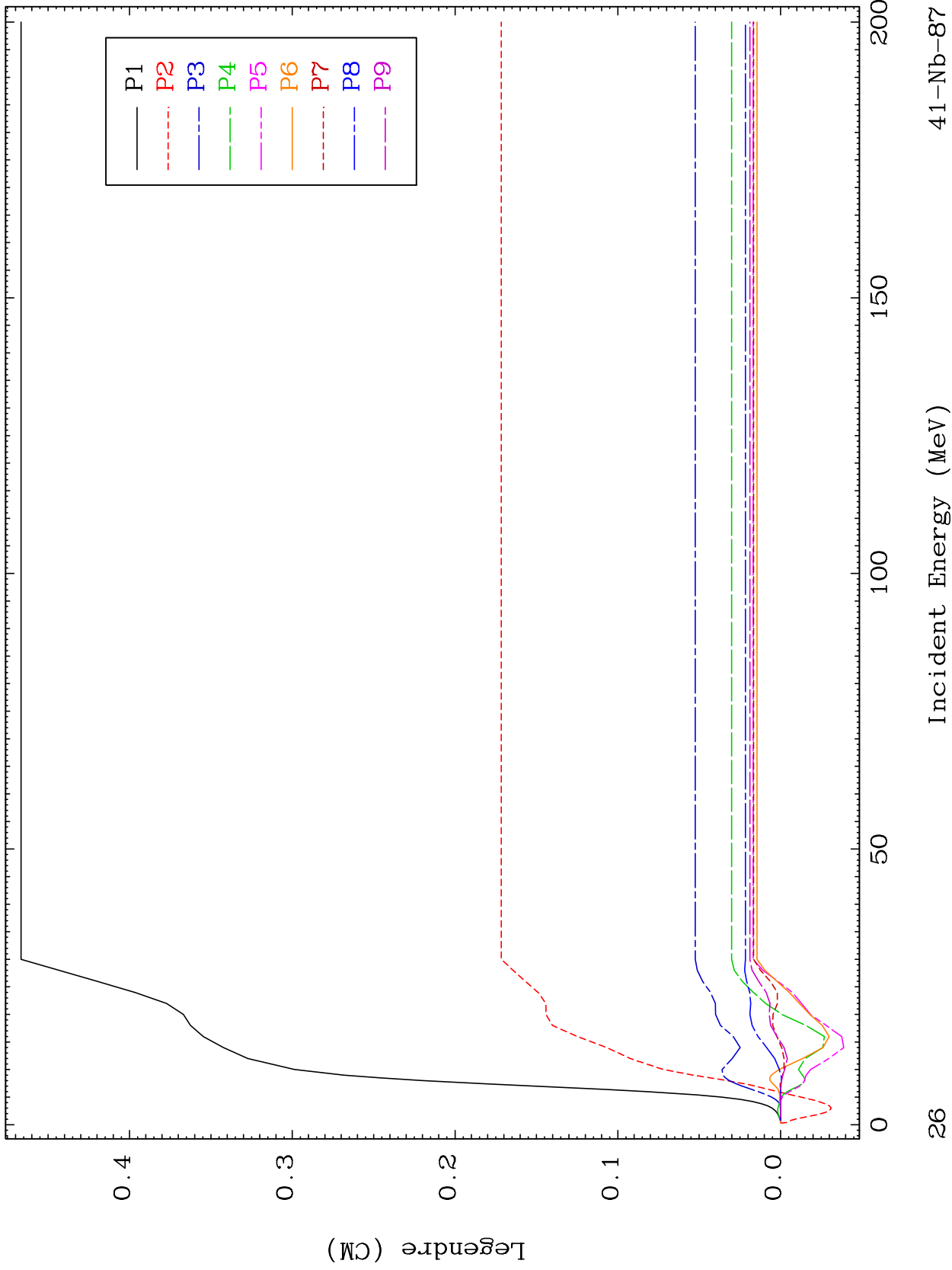
41-Nb-87



MAT 4107

266.8 keV (n,n') Level
Legendre Coefficients

41-Nb-87



26

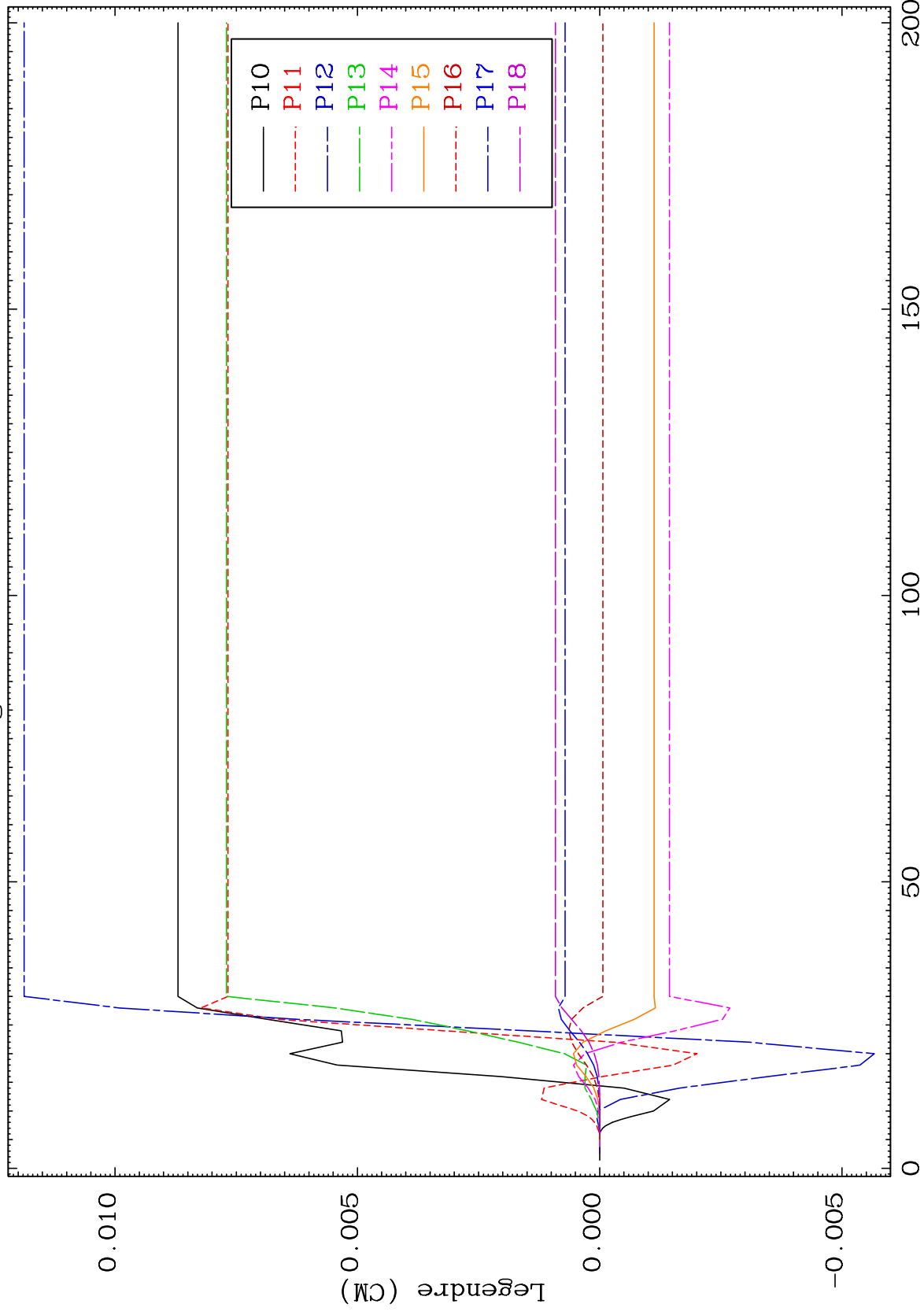
Incident Energy (MeV)

41-Nb-87

MAT 4107

266.8 keV (n,n') Level
Legendre Coefficients

41-Nb-87



27

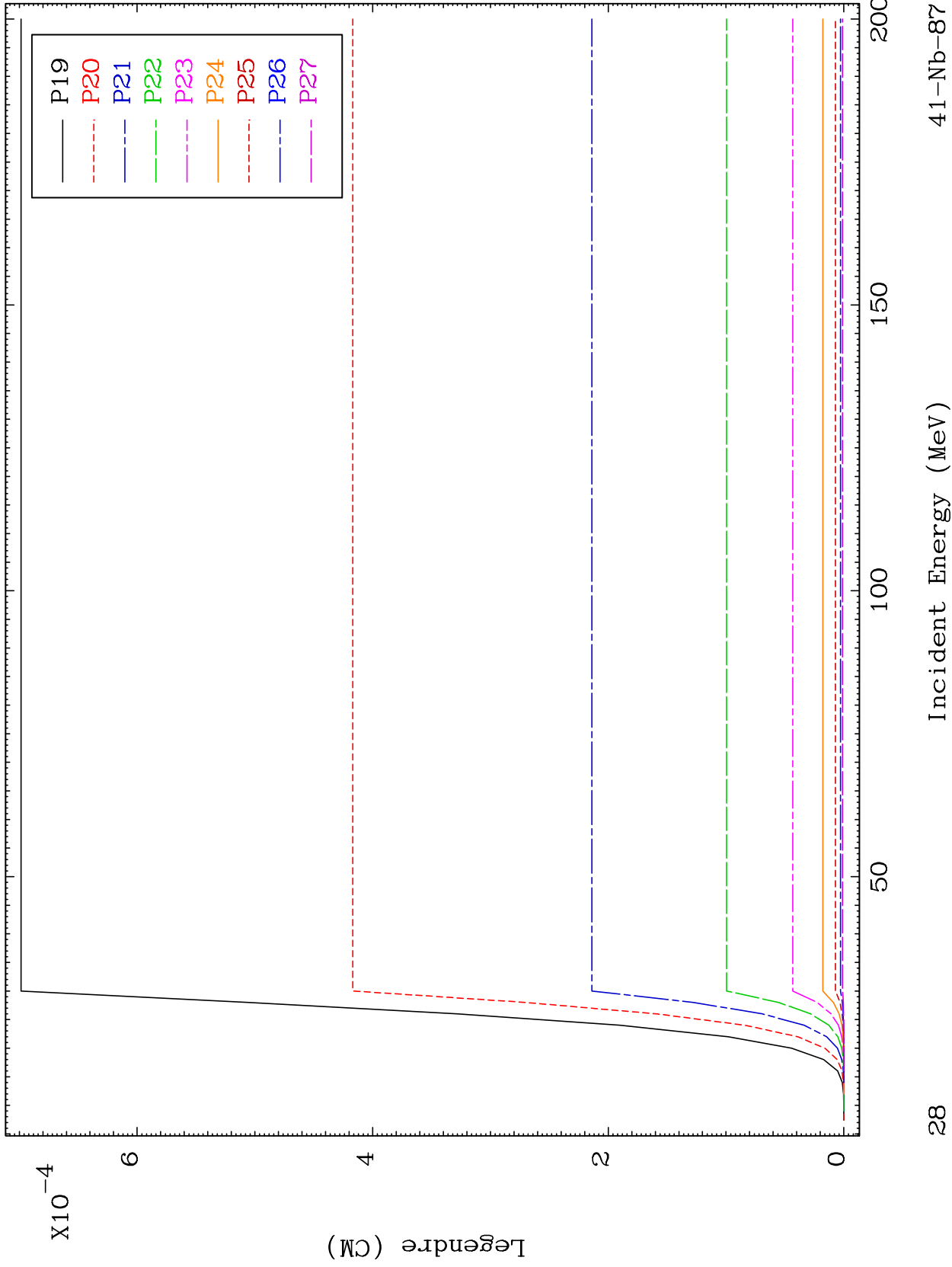
Incident Energy (MeV)

41-Nb-87

MAT 4107

266.8 keV (n,n') Level
Legendre Coefficients

41-Nb-87

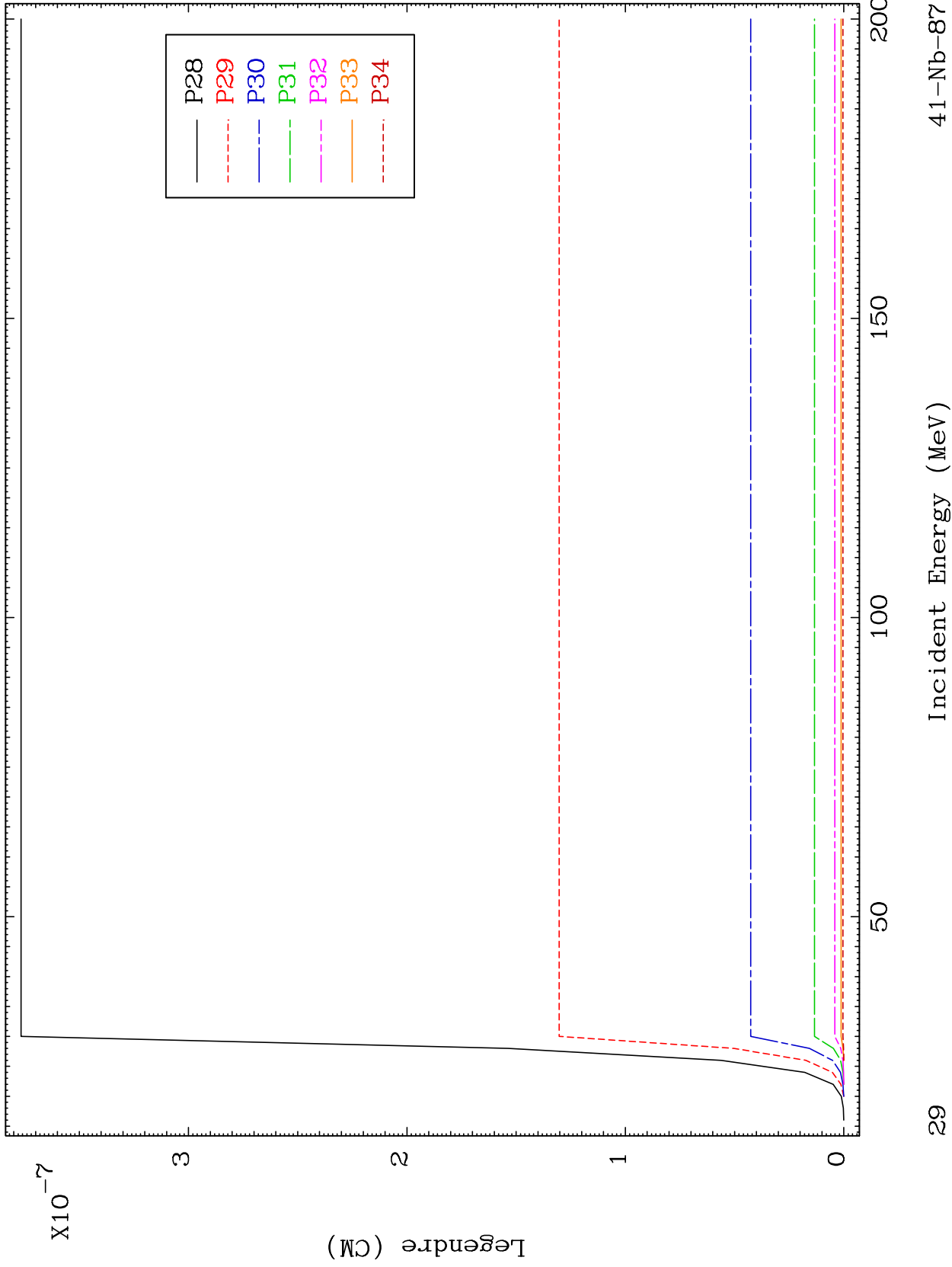


28

MAT 4107

266.8 keV (n,n') Level
Legendre Coefficients

41-Nb-87

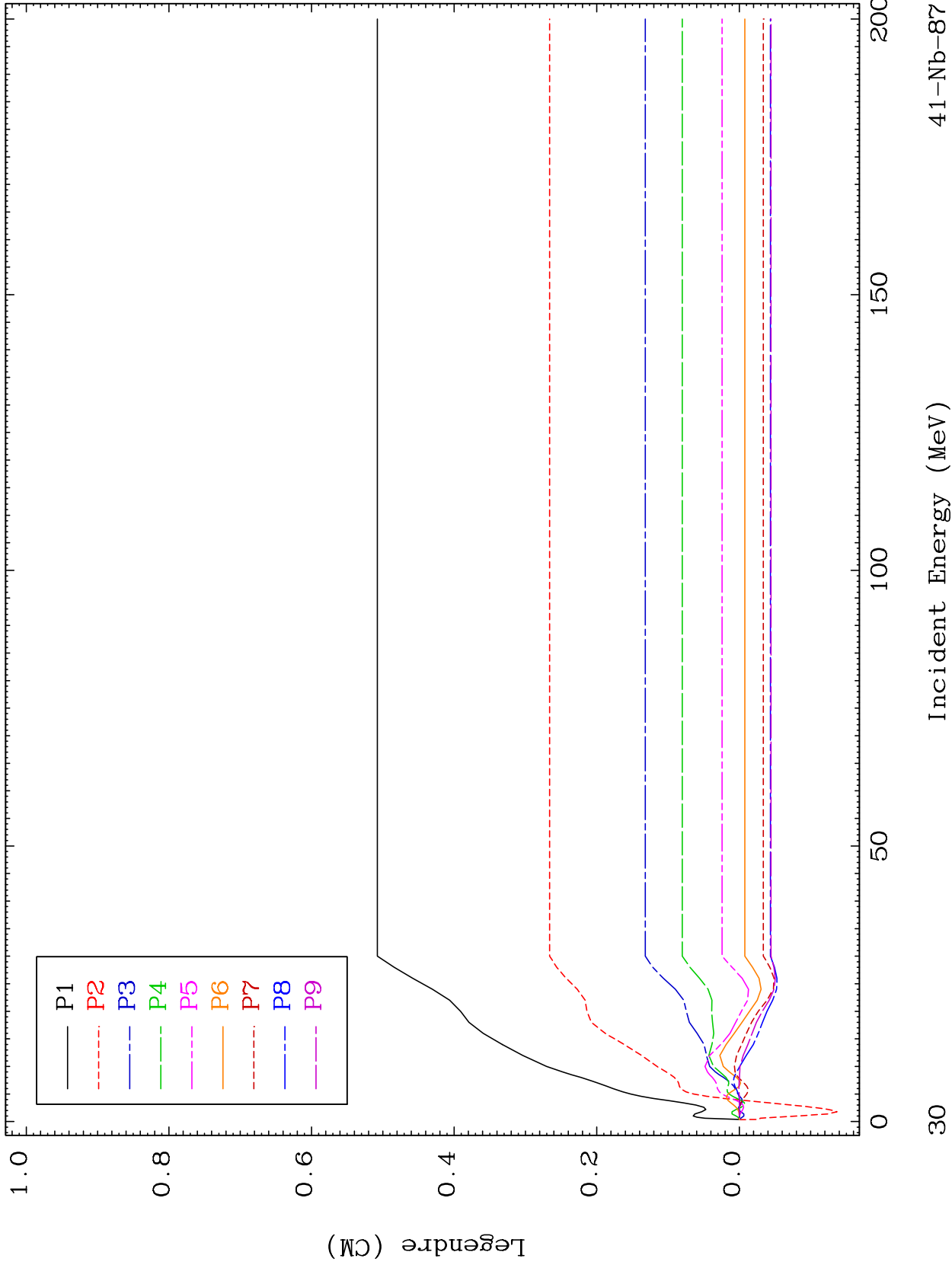


29

MAT 4107

334.0 keV (n,n') Level
Legendre Coefficients

41-Nb-87



41-Nb-87

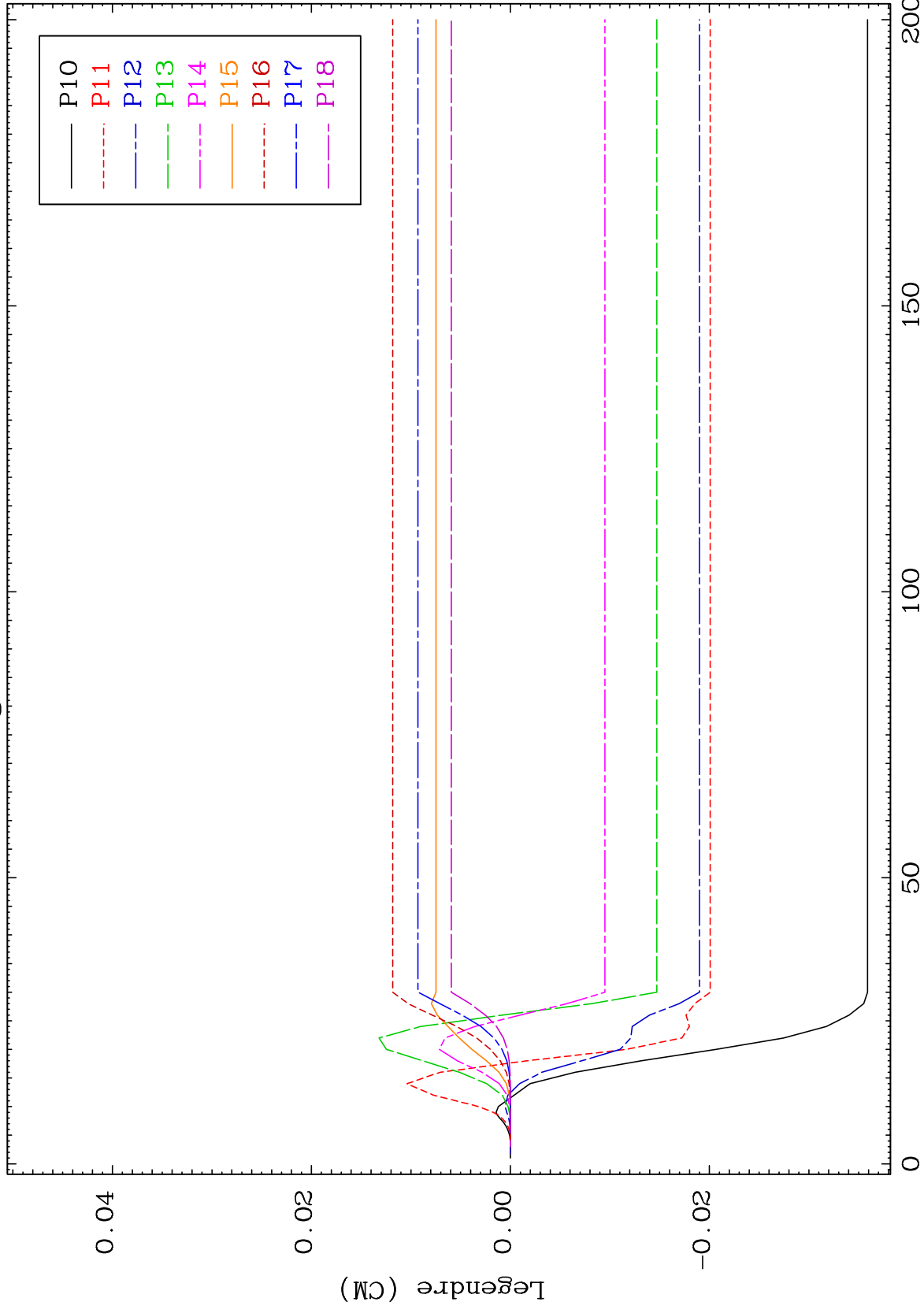
Incident Energy (MeV)

30

MAT 4107

334.0 keV (n,n') Level
Legendre Coefficients

41-Nb-87



31

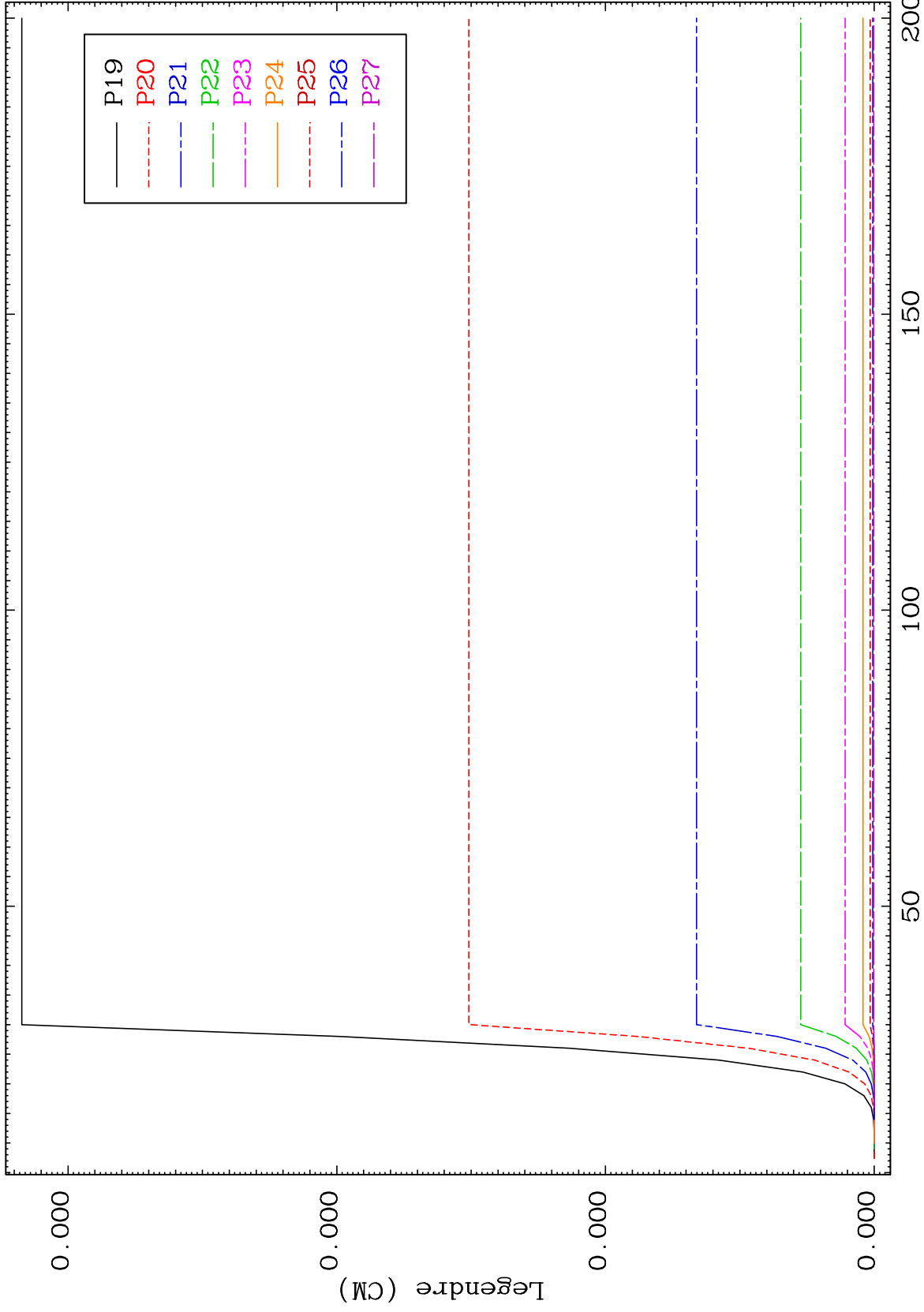
Incident Energy (MeV)

41-Nb-87

MAT 4107

334.0 keV (n,n') Level
Legendre Coefficients

41-Nb-87



32

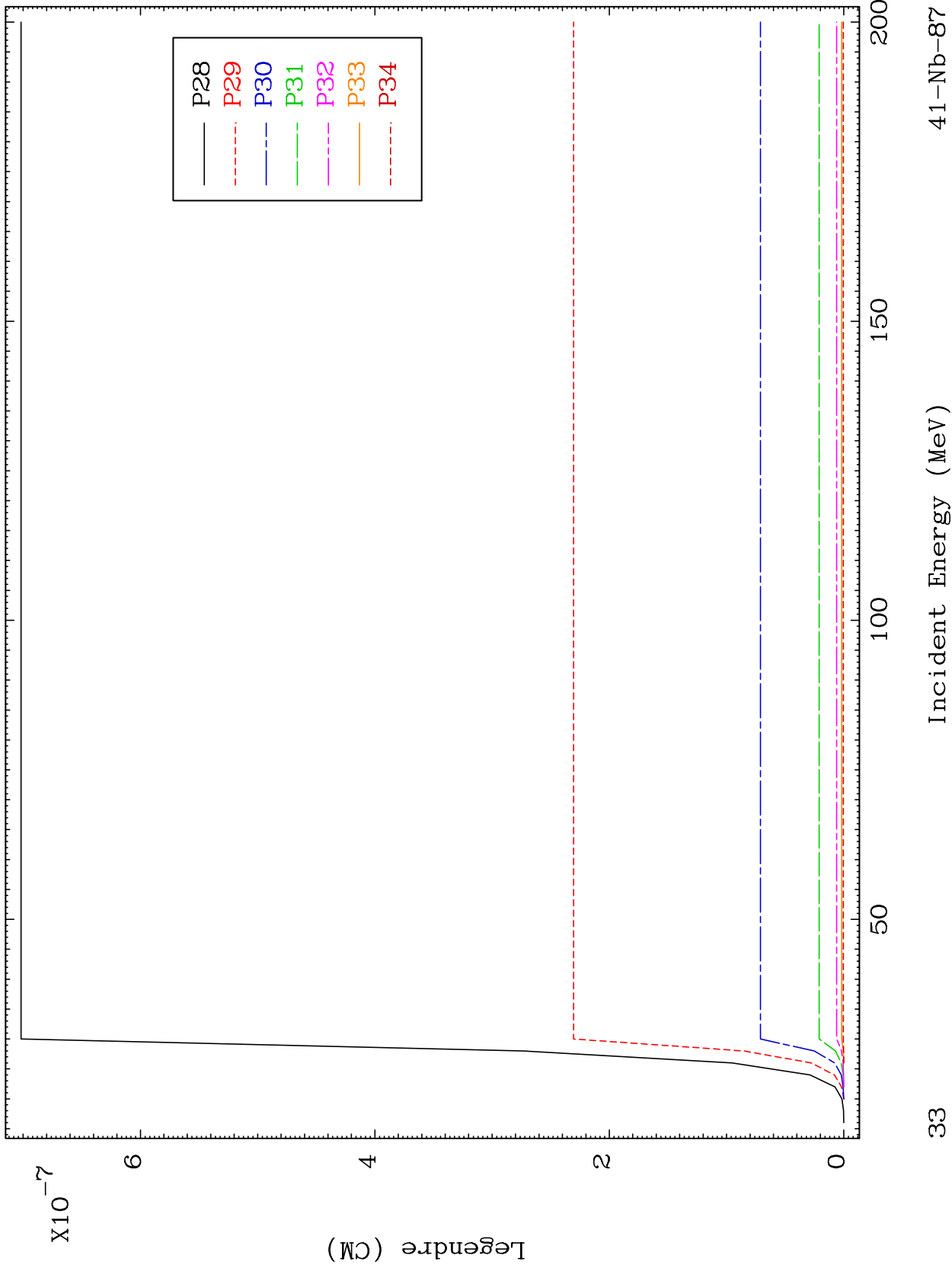
Incident Energy (MeV)

41-Nb-87

MAT 4107

334.0 keV (n,n') Level
Legendre Coefficients

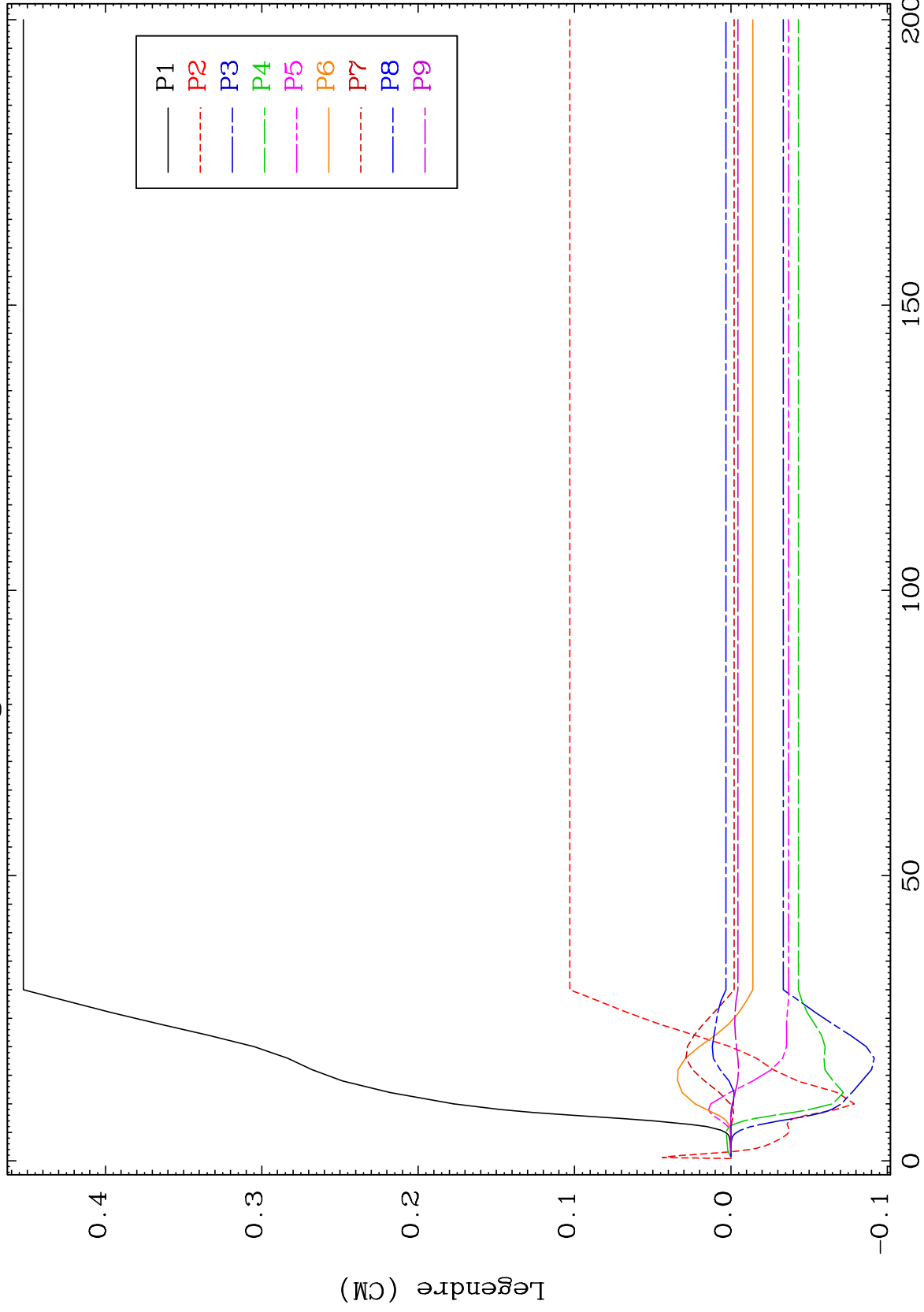
41-Nb-87



MAT 4107

400.8 keV (n,n') Level
Legendre Coefficients

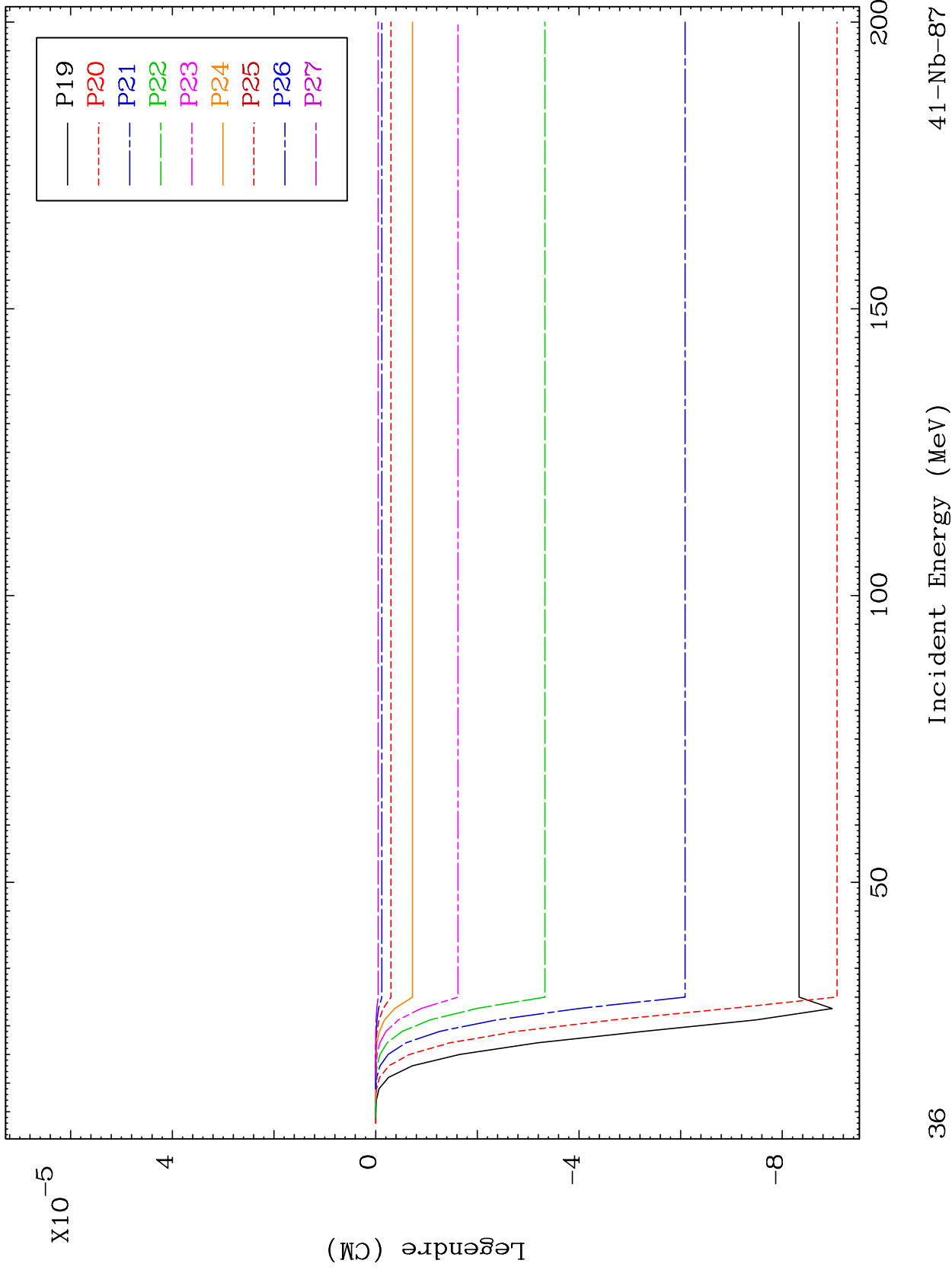
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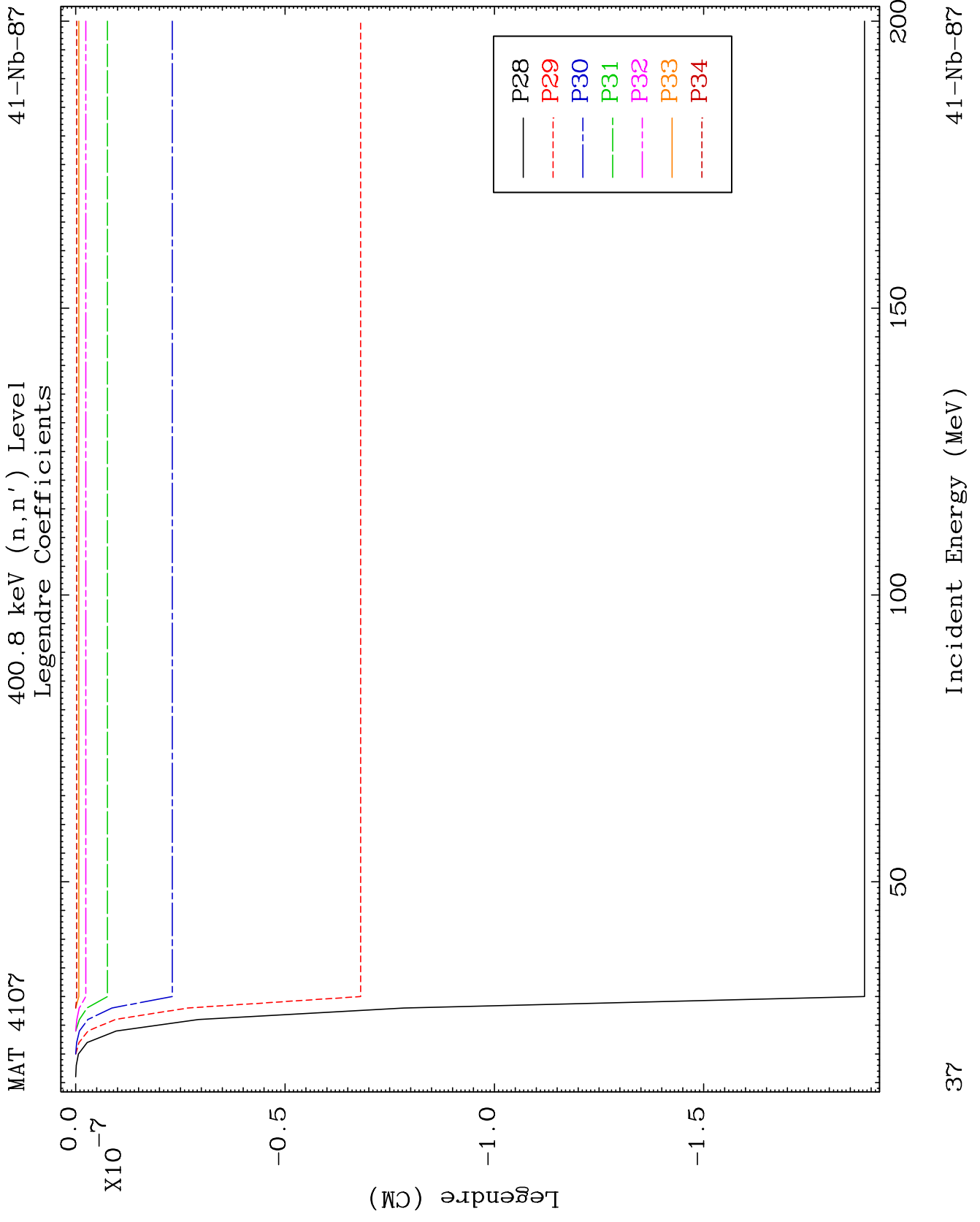


41-Nb-87

Incident Energy (MeV)

34

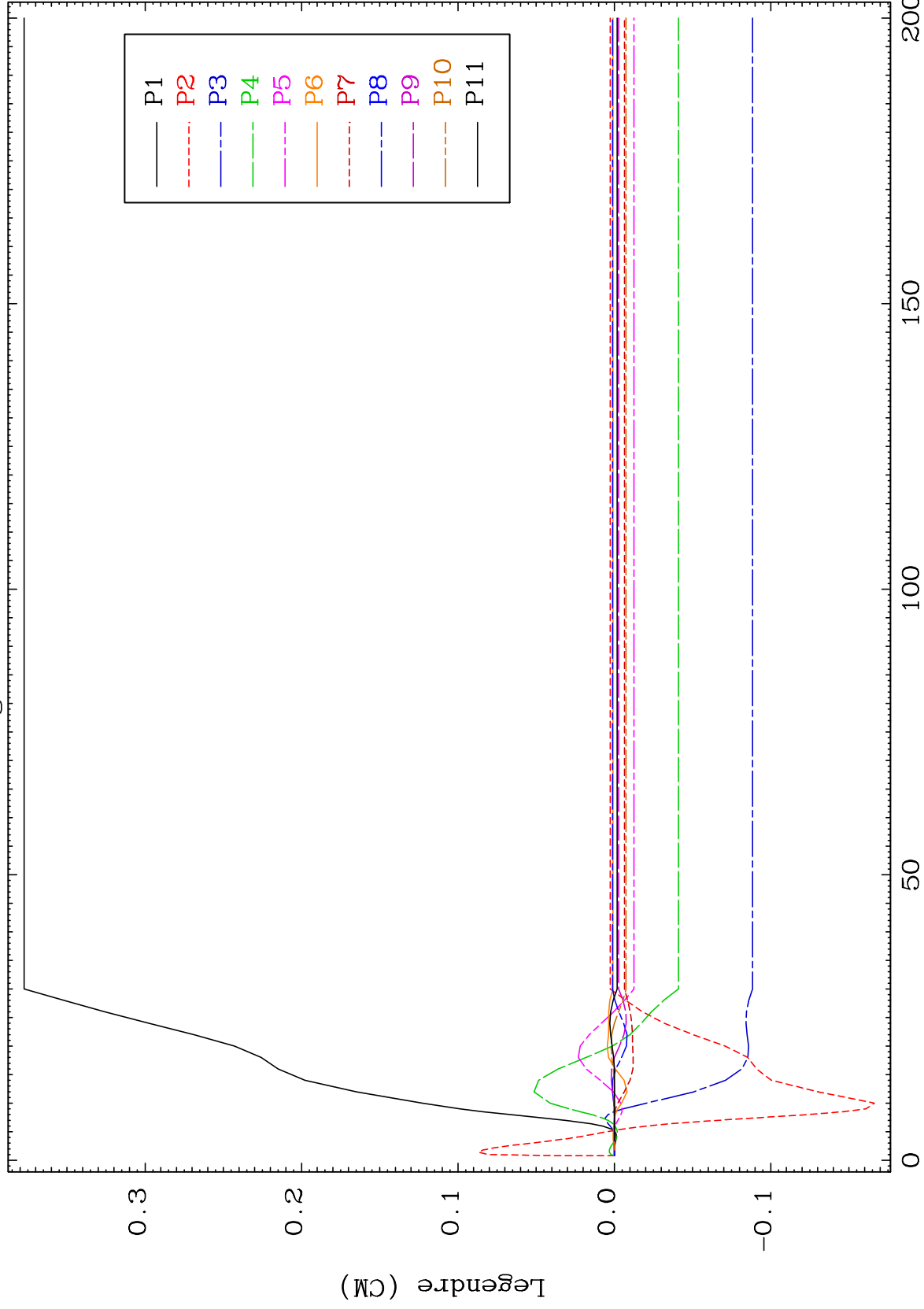




MAT 4107

784.5 keV (n,n') Level
Legendre Coefficients

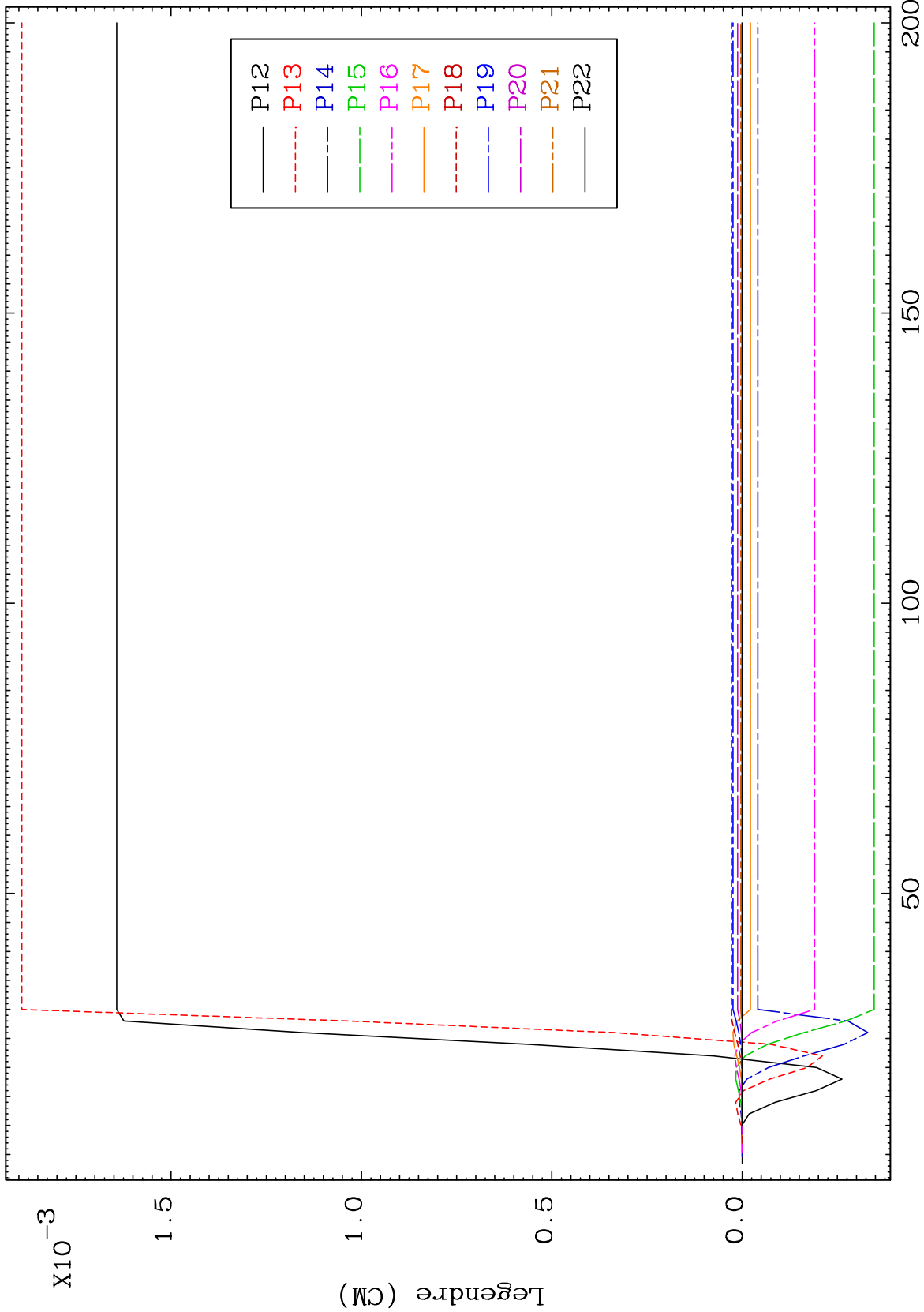
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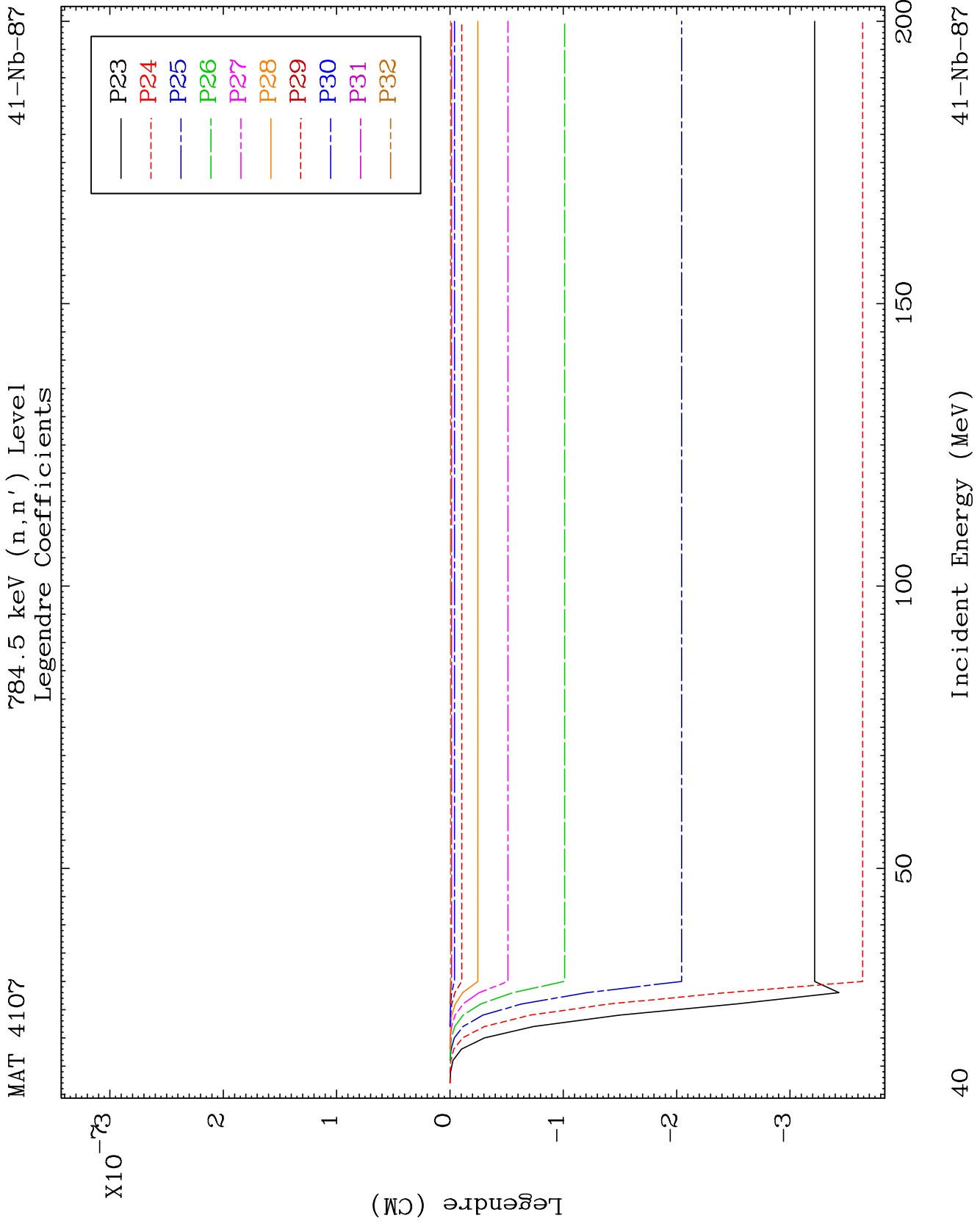


38

Incident Energy (MeV)

41-Nb-87

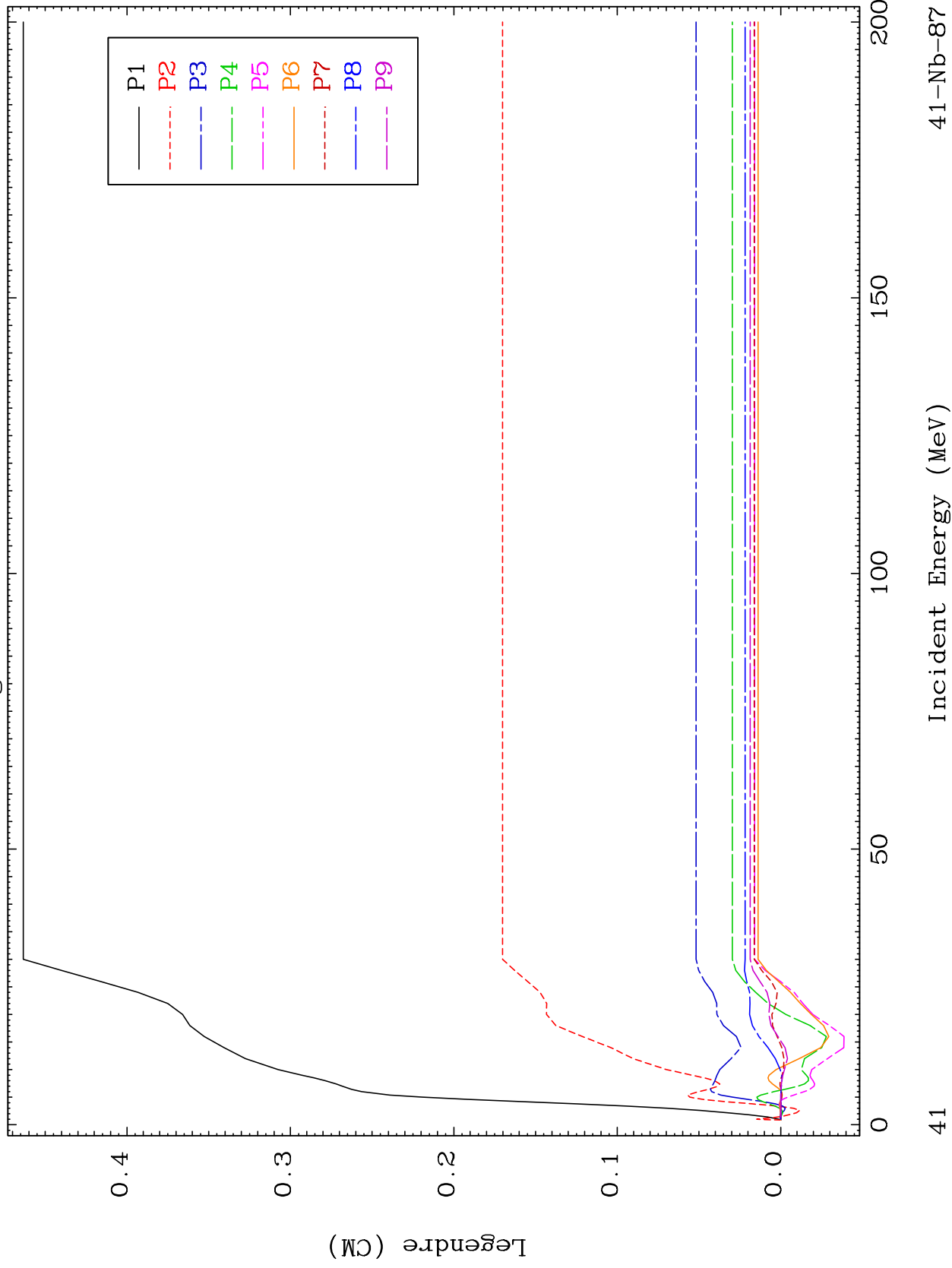




MAT 4107

839.8 keV (n,n') Level
Legendre Coefficients

41-Nb-87



41-Nb-87

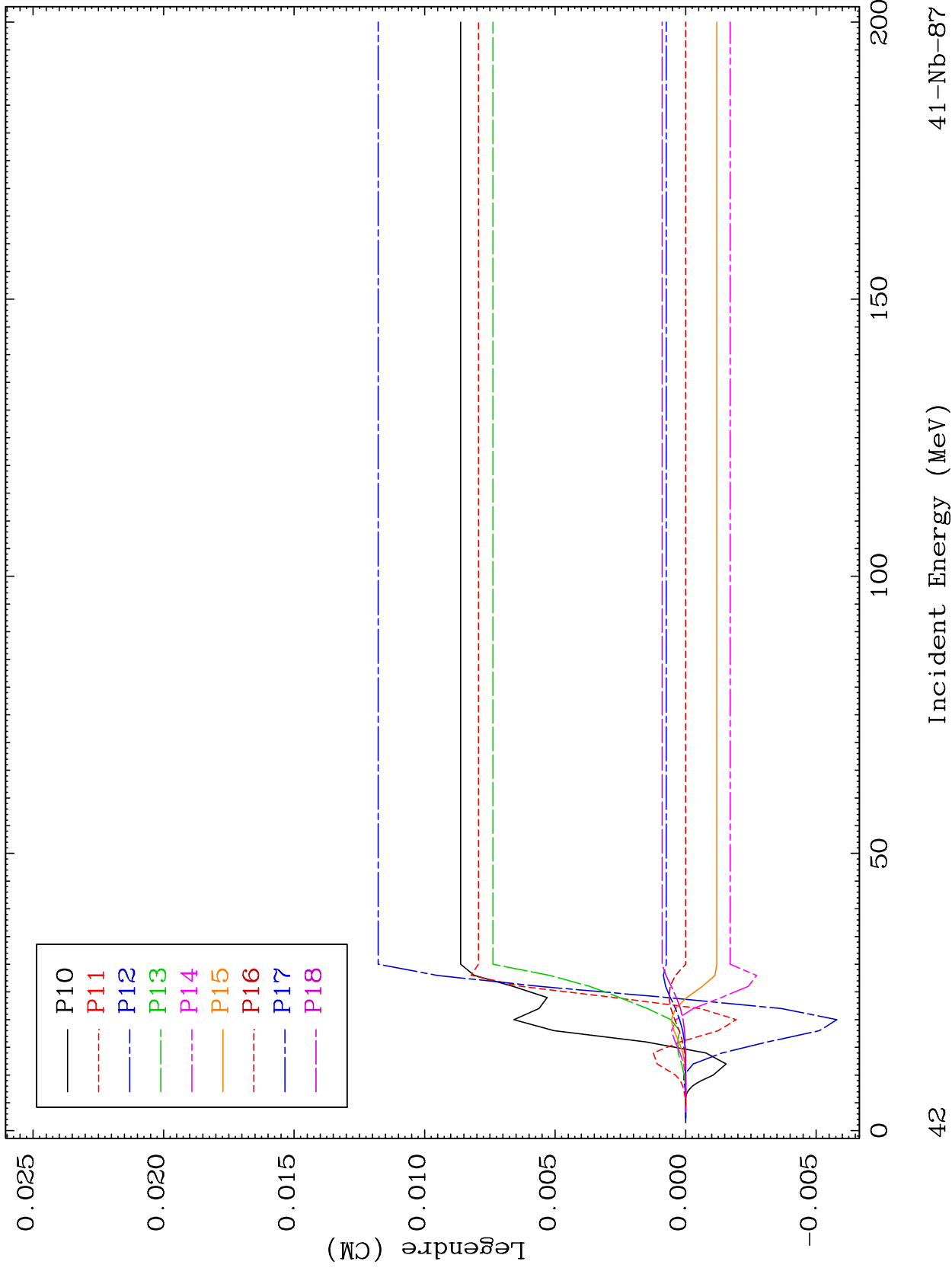
Incident Energy (MeV)

41

MAT 4107

839.8 keV (n,n') Level
Legendre Coefficients

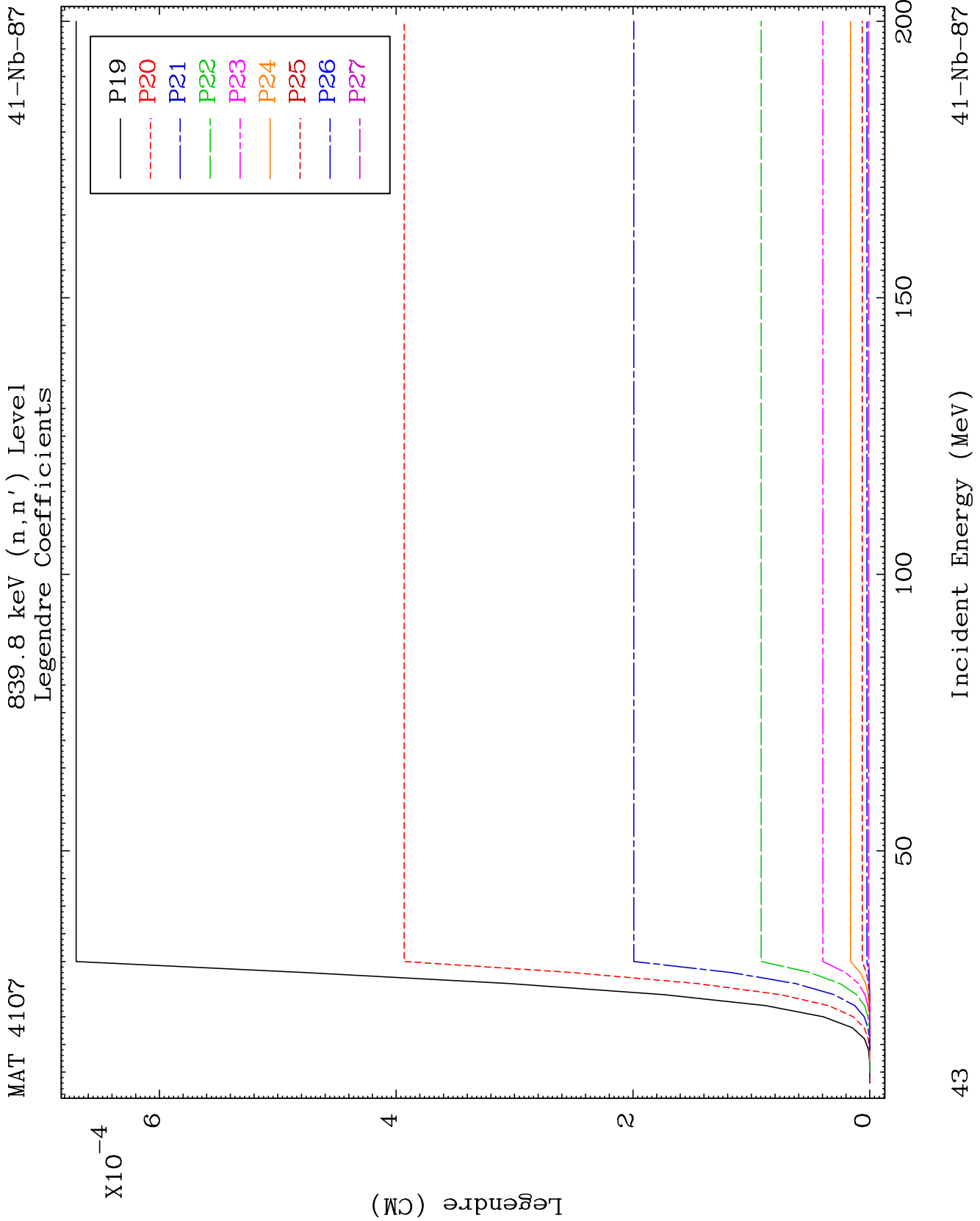
41-Nb-87



41-Nb-87

Incident Energy (MeV)

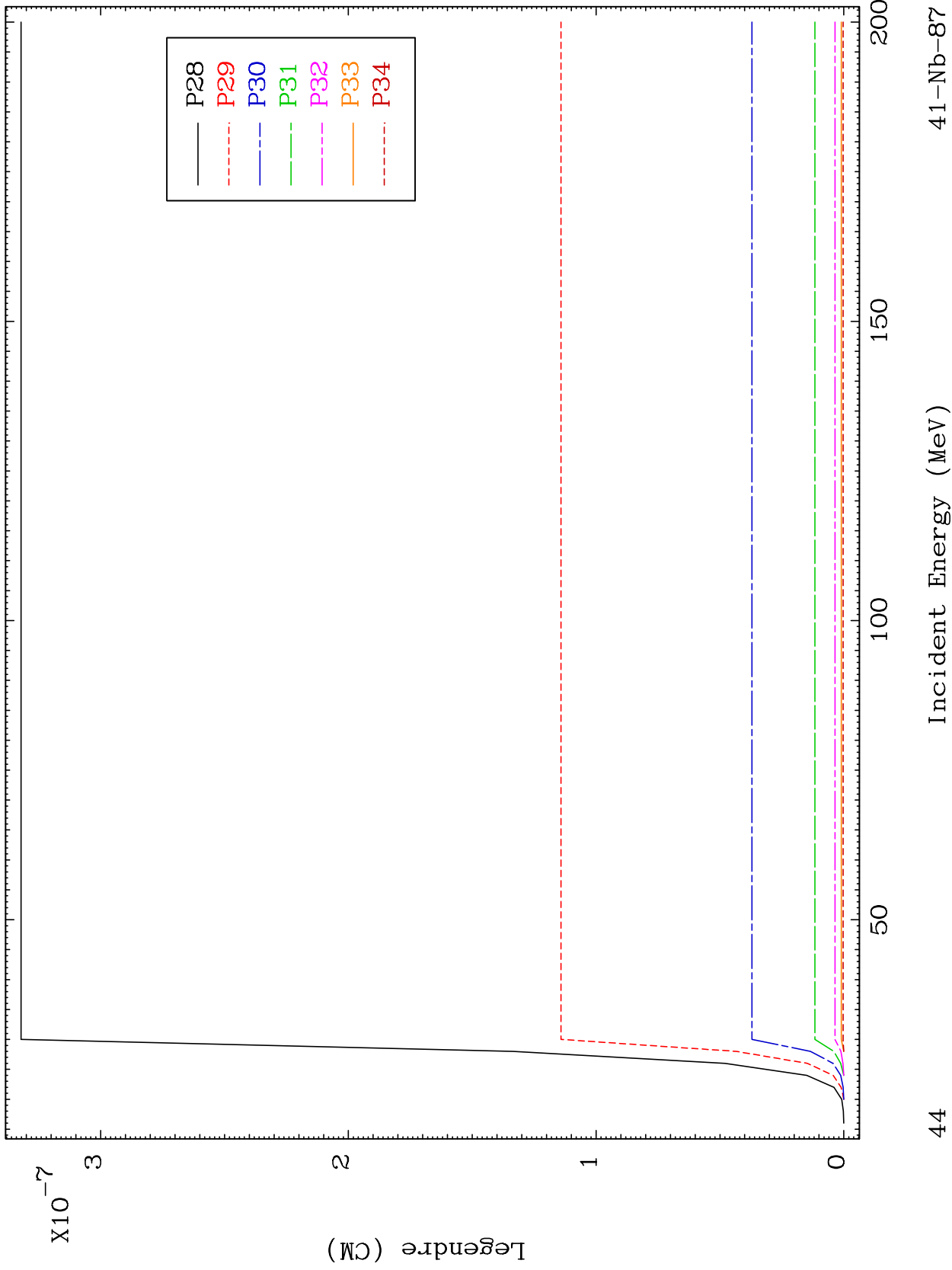
42



MAT 4107

839.8 keV (n,n') Level
Legendre Coefficients

41-Nb-87

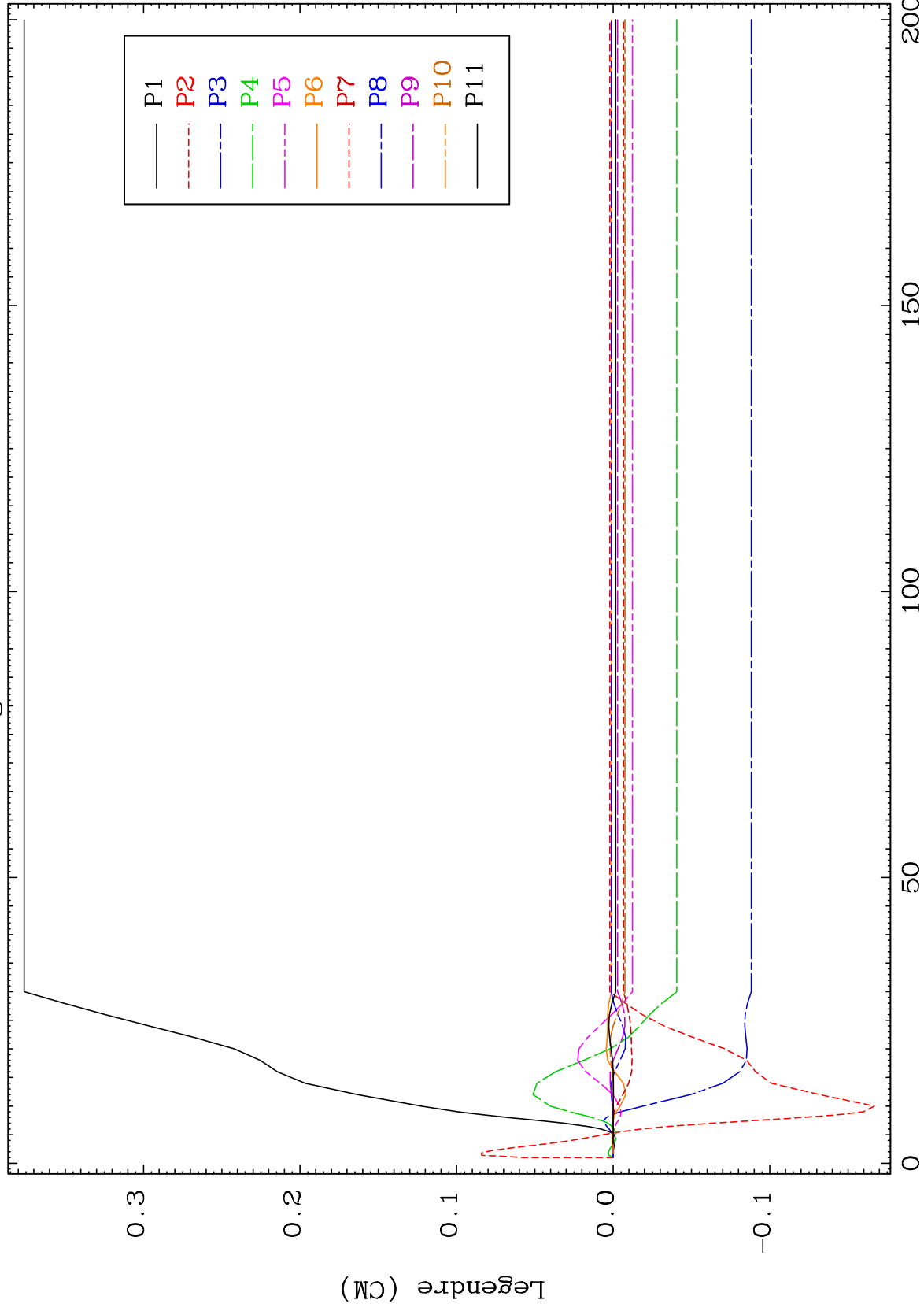


44

MAT 4107

962.9 keV (n,n') Level
Legendre Coefficients

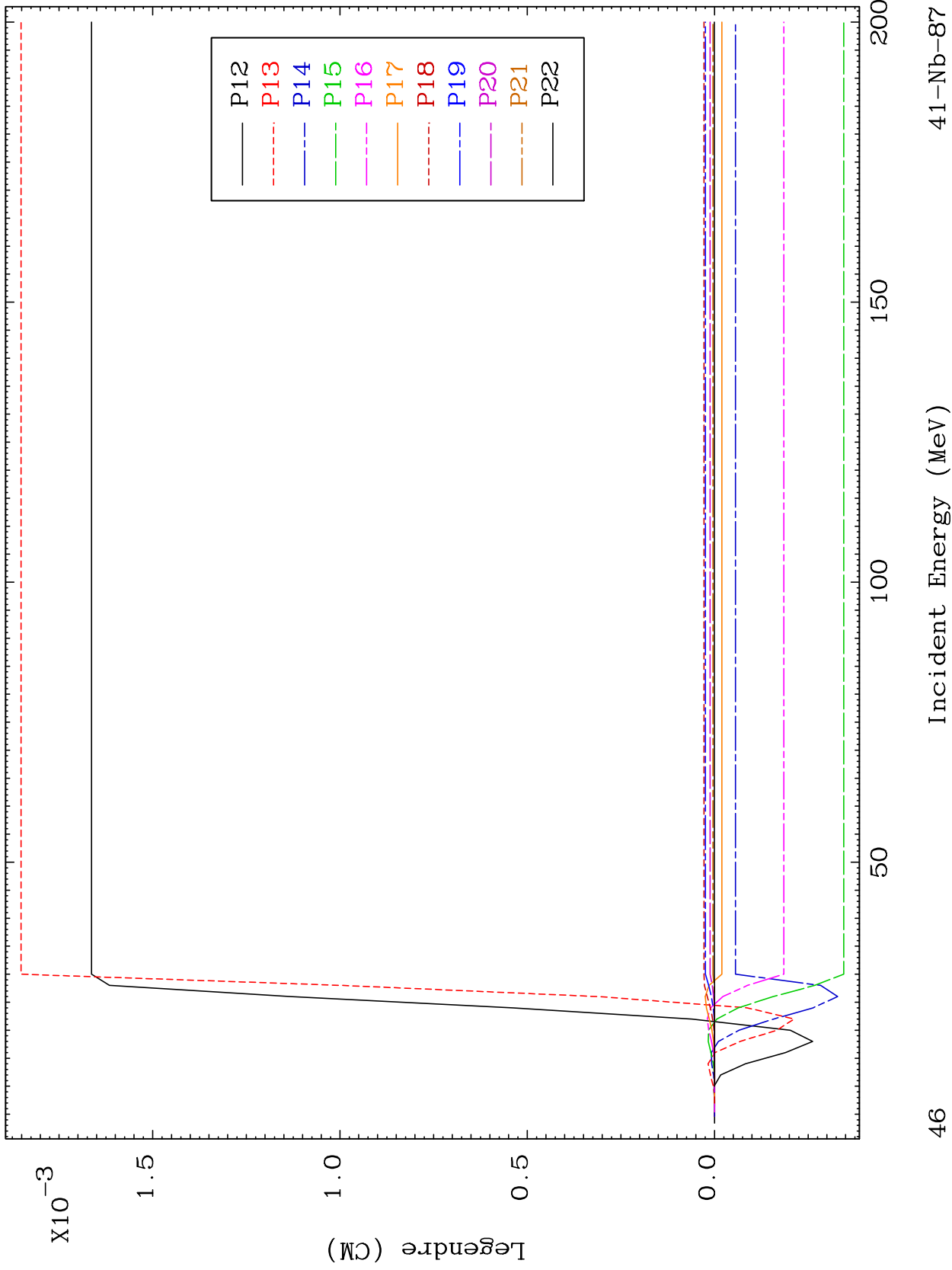
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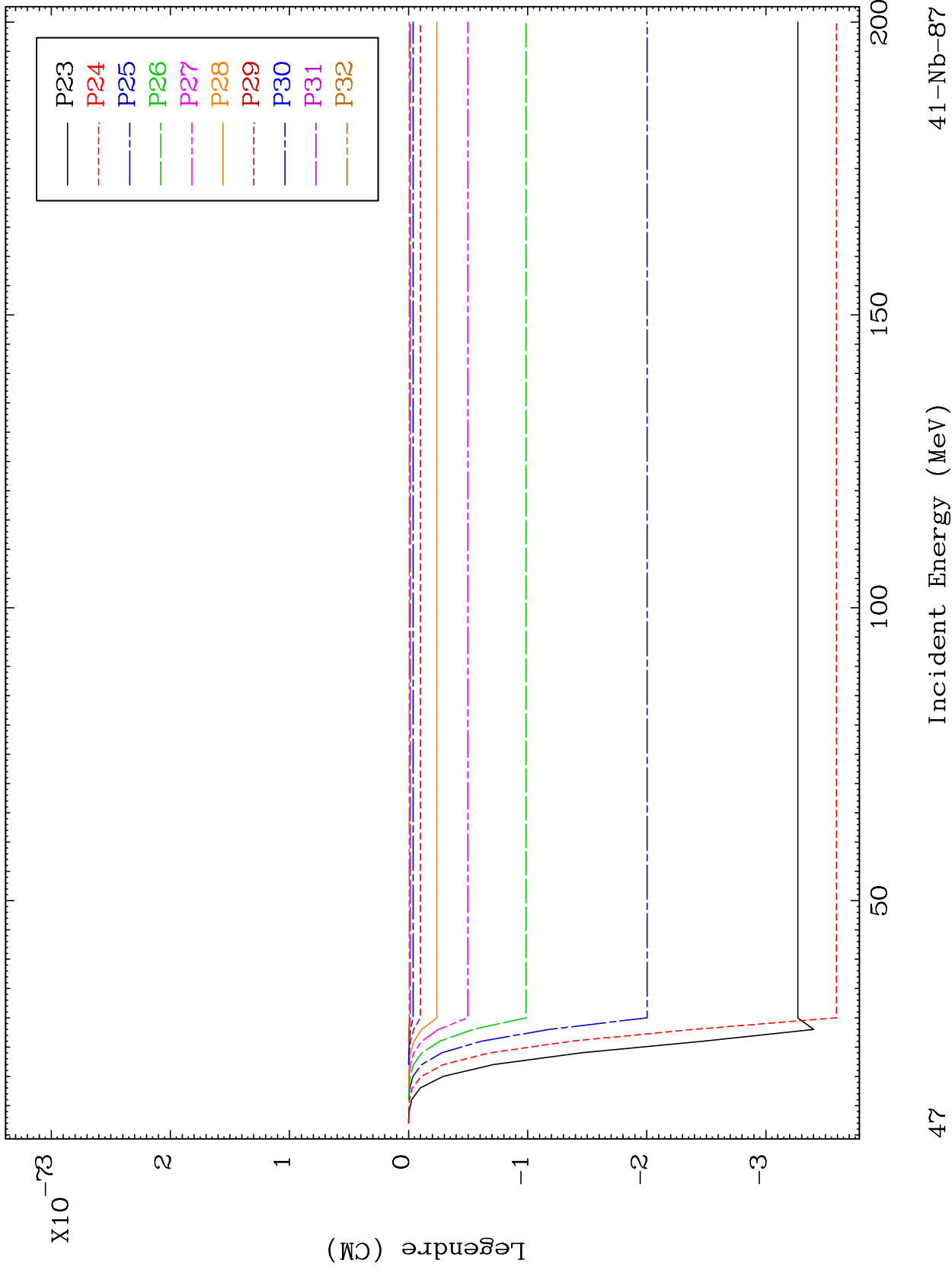


45

Incident Energy (MeV)

41-Nb-87

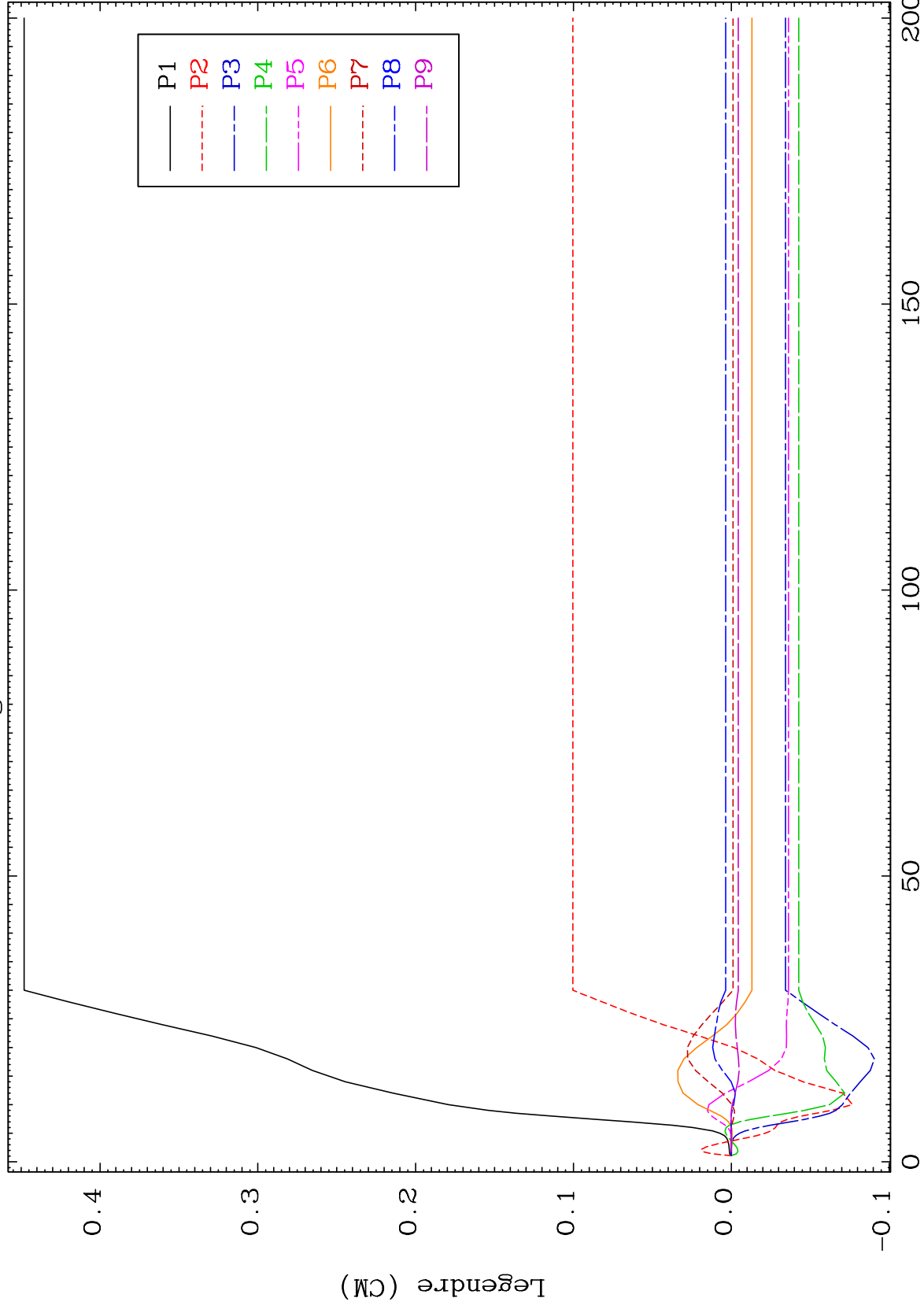




MAT 4107

1.051 MeV (n,n') Level
Legendre Coefficients

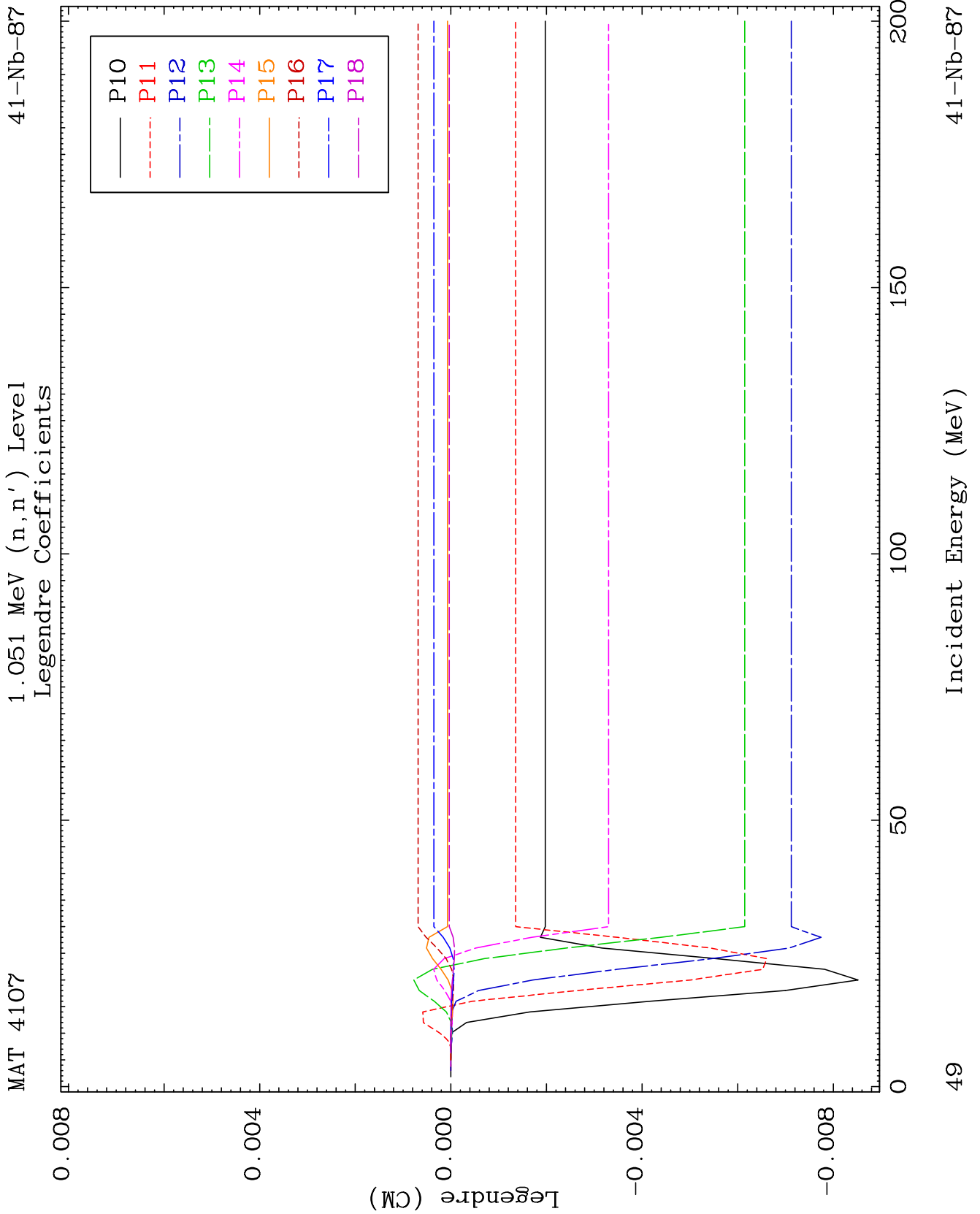
41-Nb-87



48

Incident Energy (MeV)

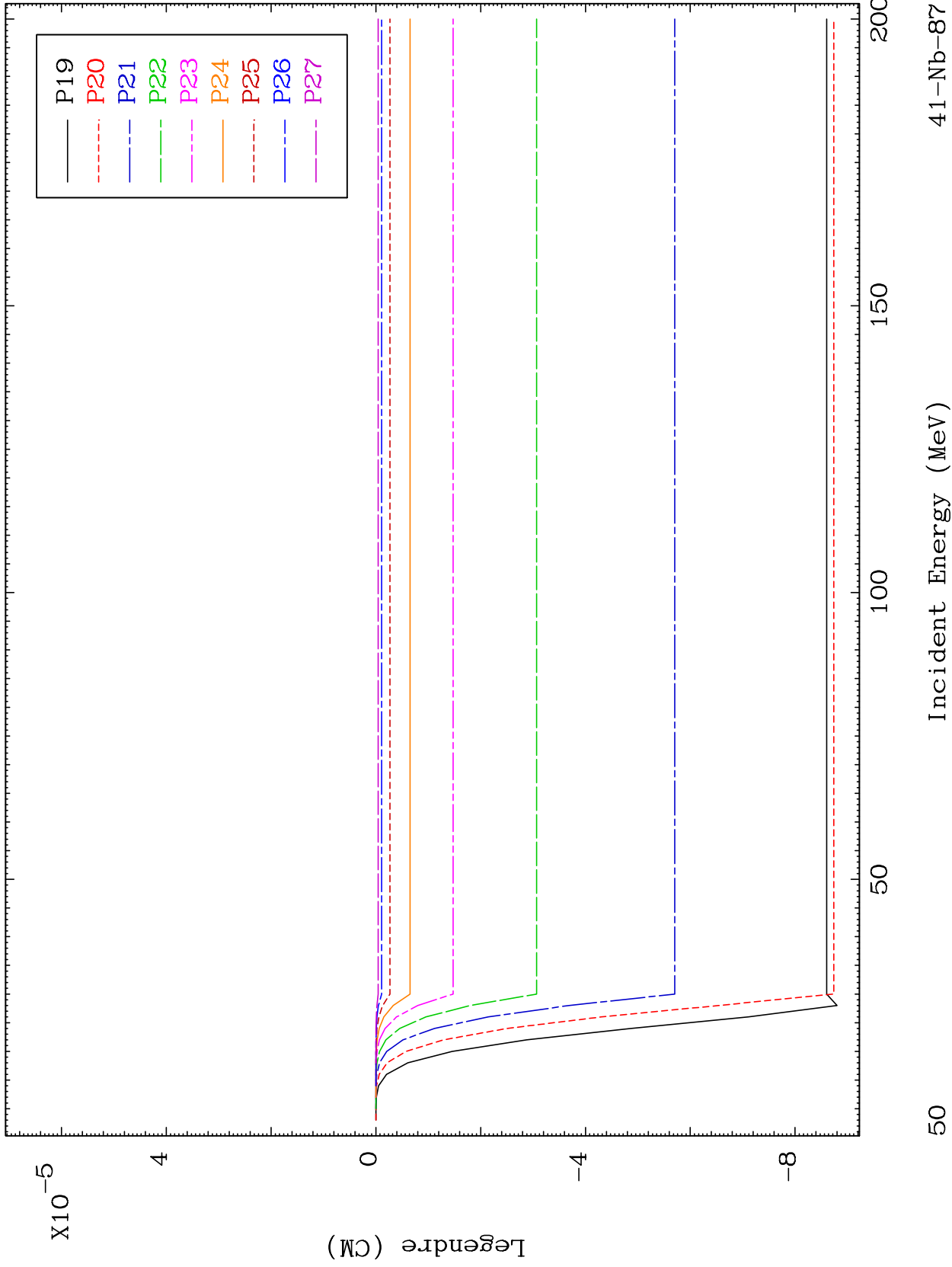
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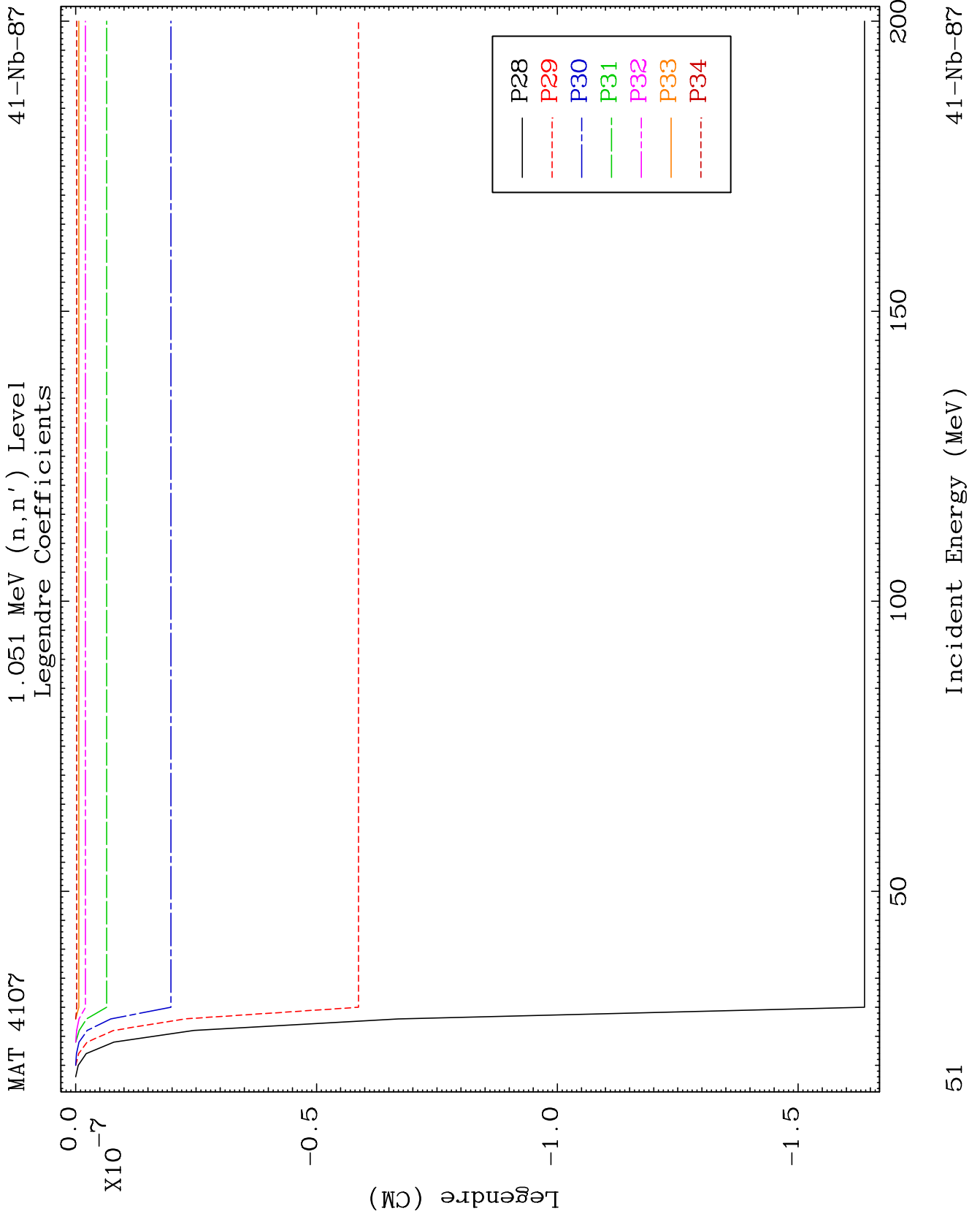


MAT 4107

1.051 MeV (n,n') Level
Legendre Coefficients

41-Nb-87

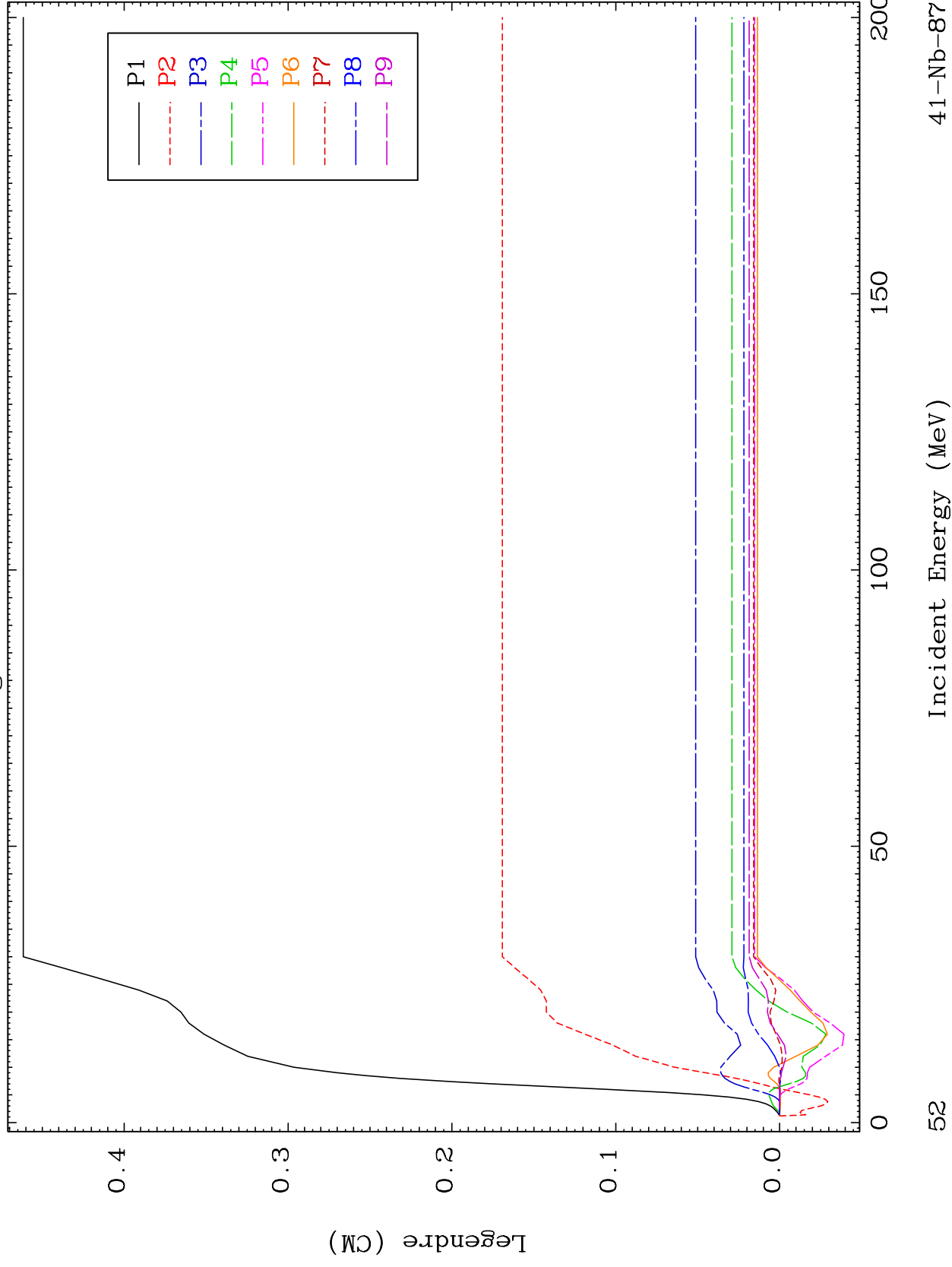




MAT 4107

1.169 MeV (n,n') Level
Legendre Coefficients

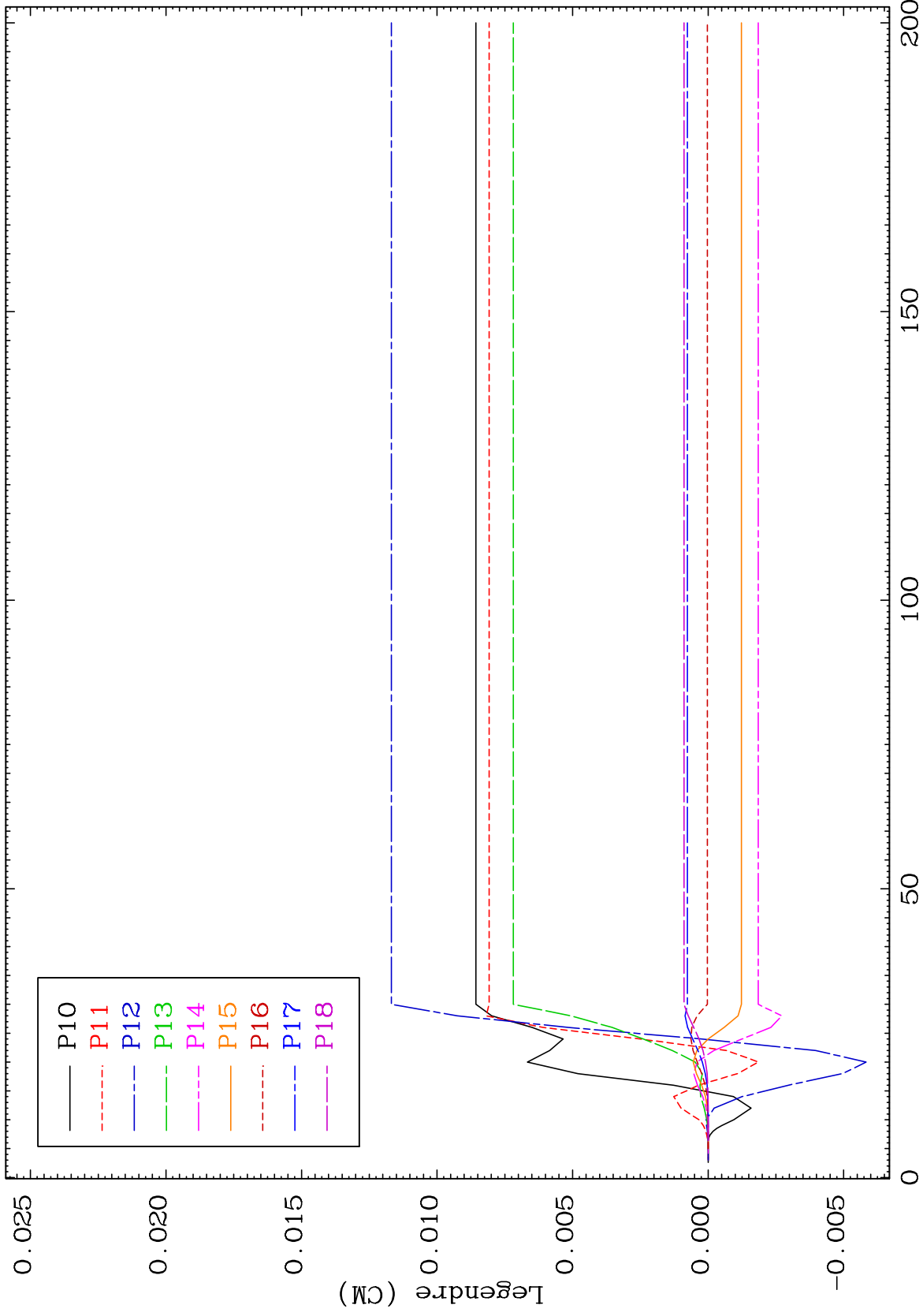
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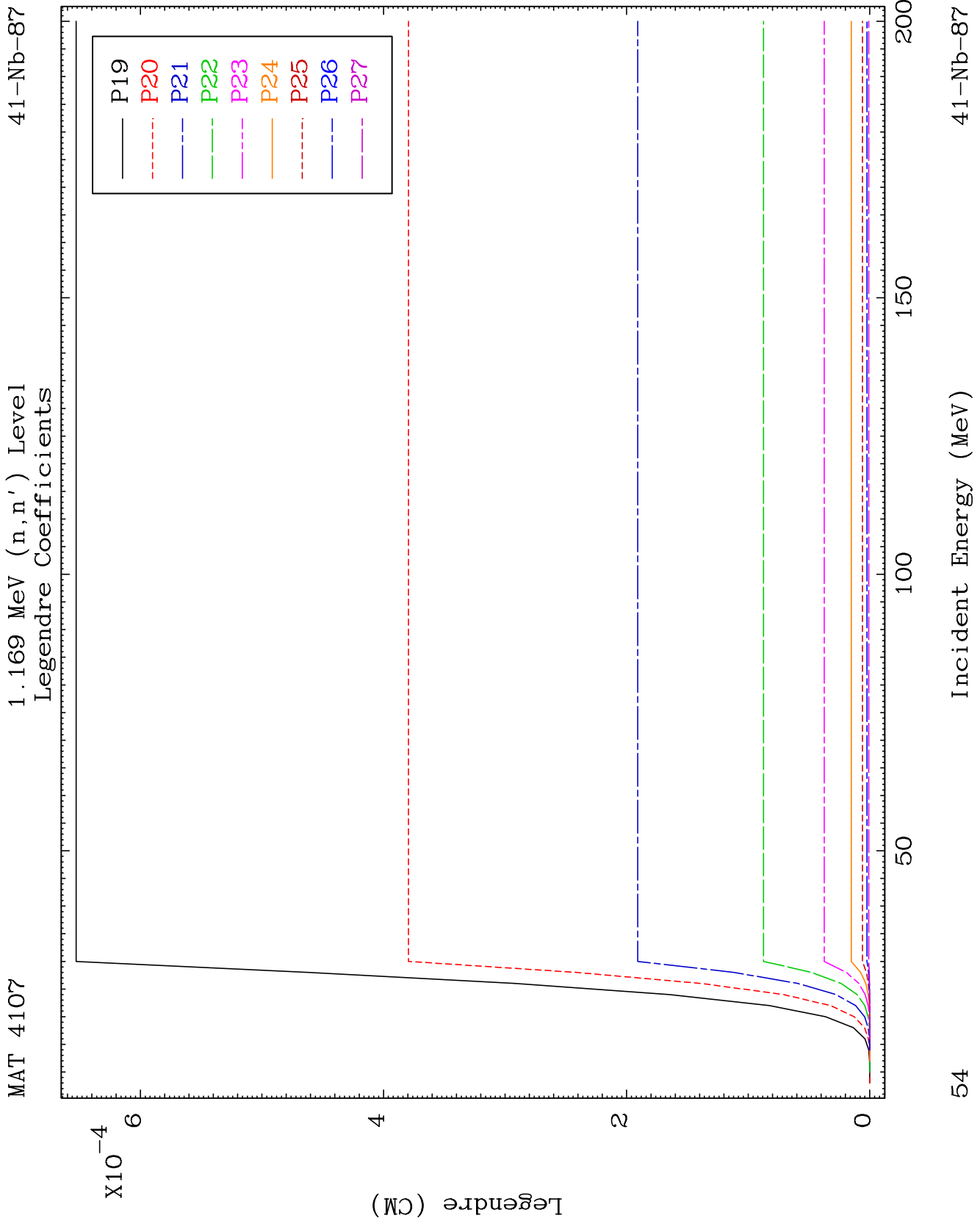


41-Nb-87

Incident Energy (MeV)

52

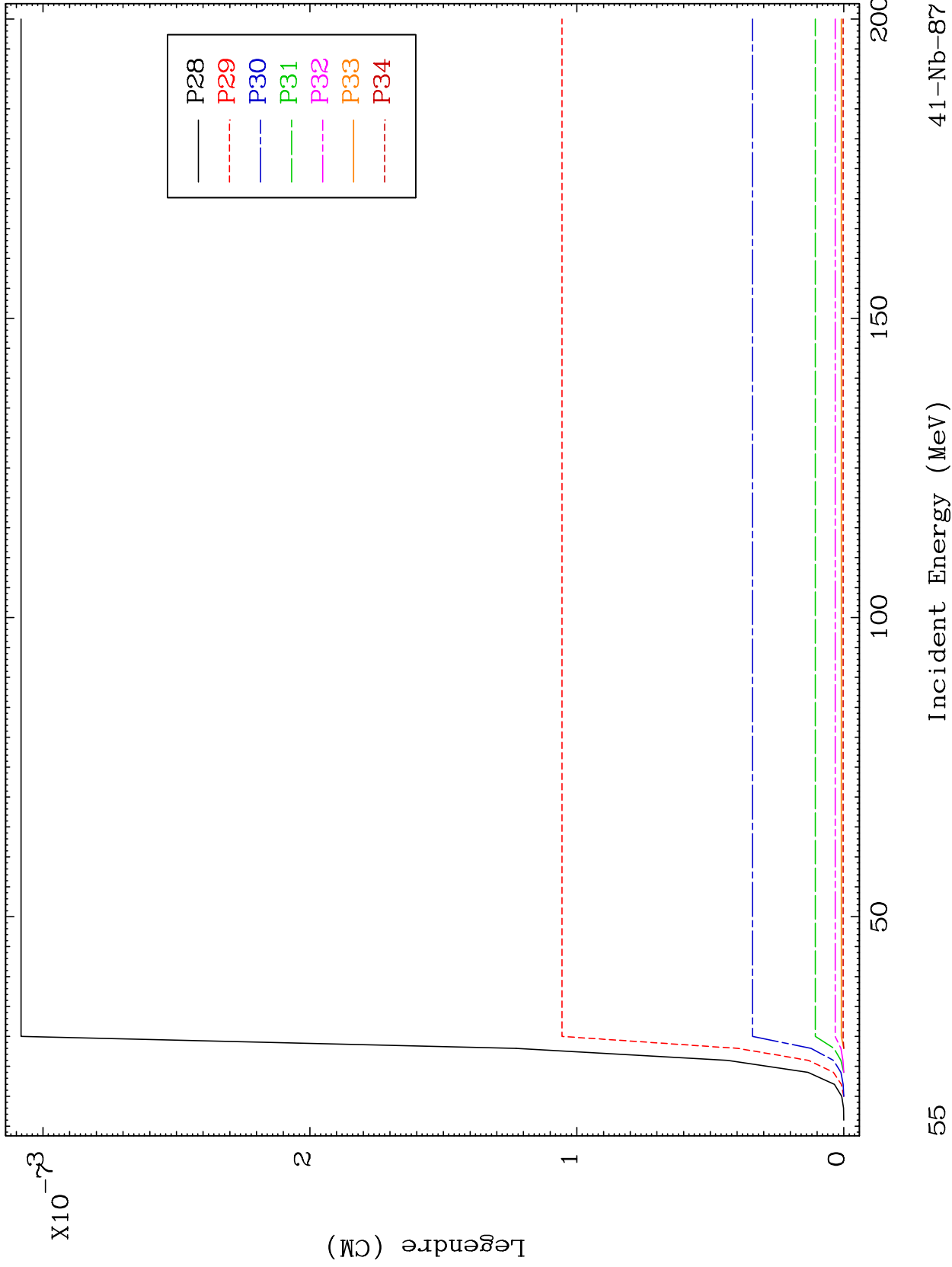




MAT 4107

1.169 MeV (n,n') Level
Legendre Coefficients

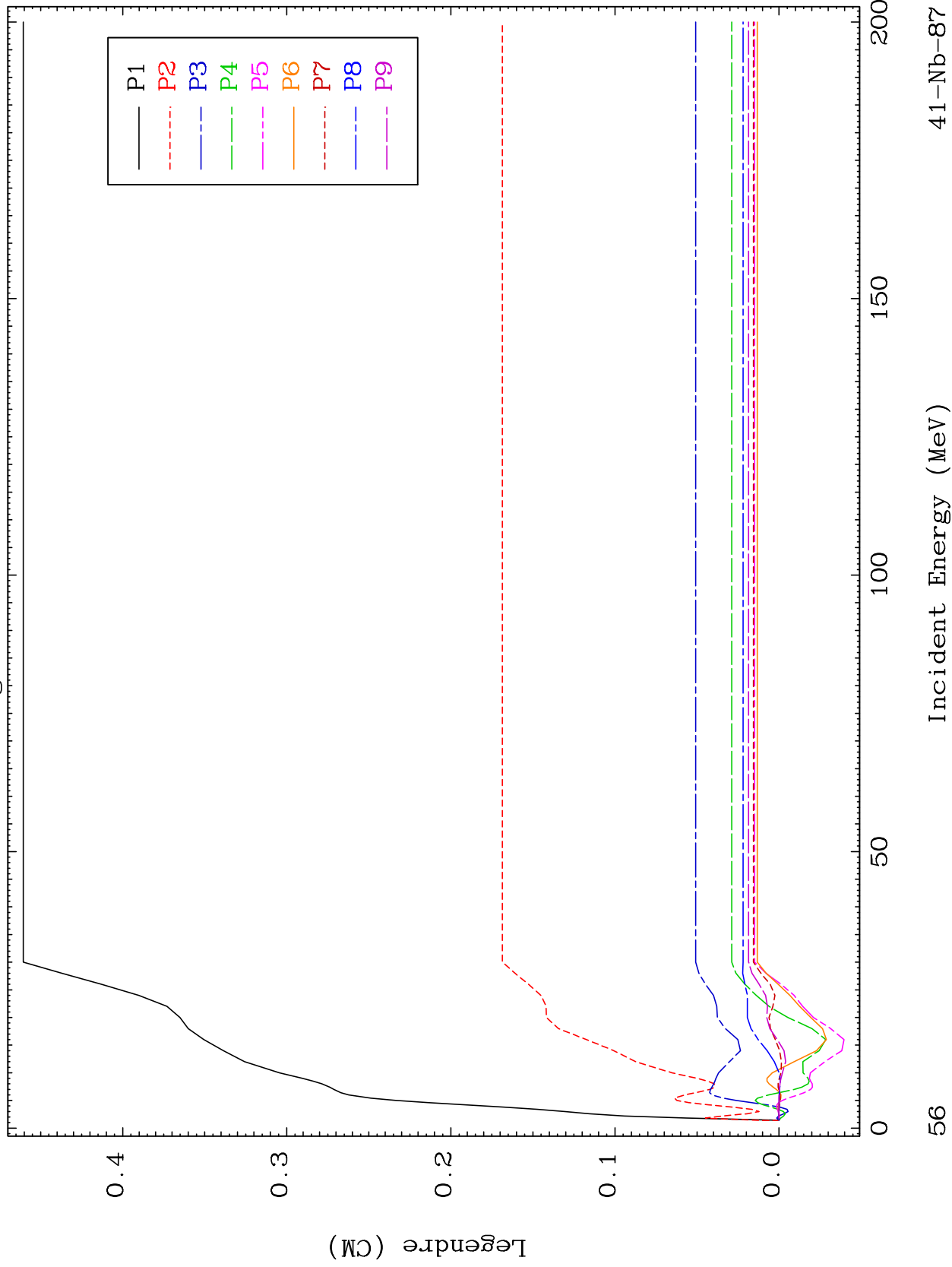
41-Nb-87



MAT 4107

1.349 MeV (n,n') Level
Legendre Coefficients

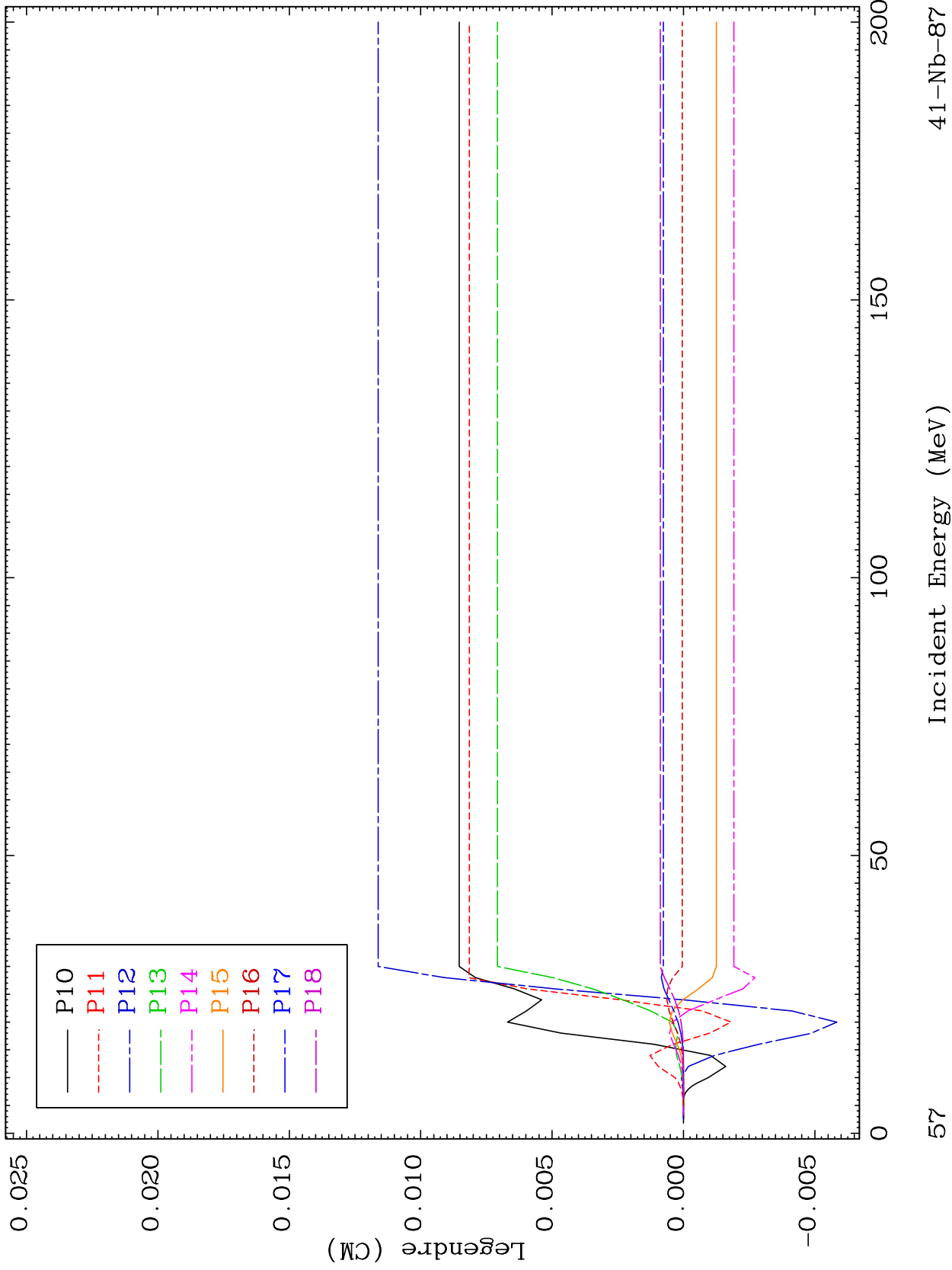
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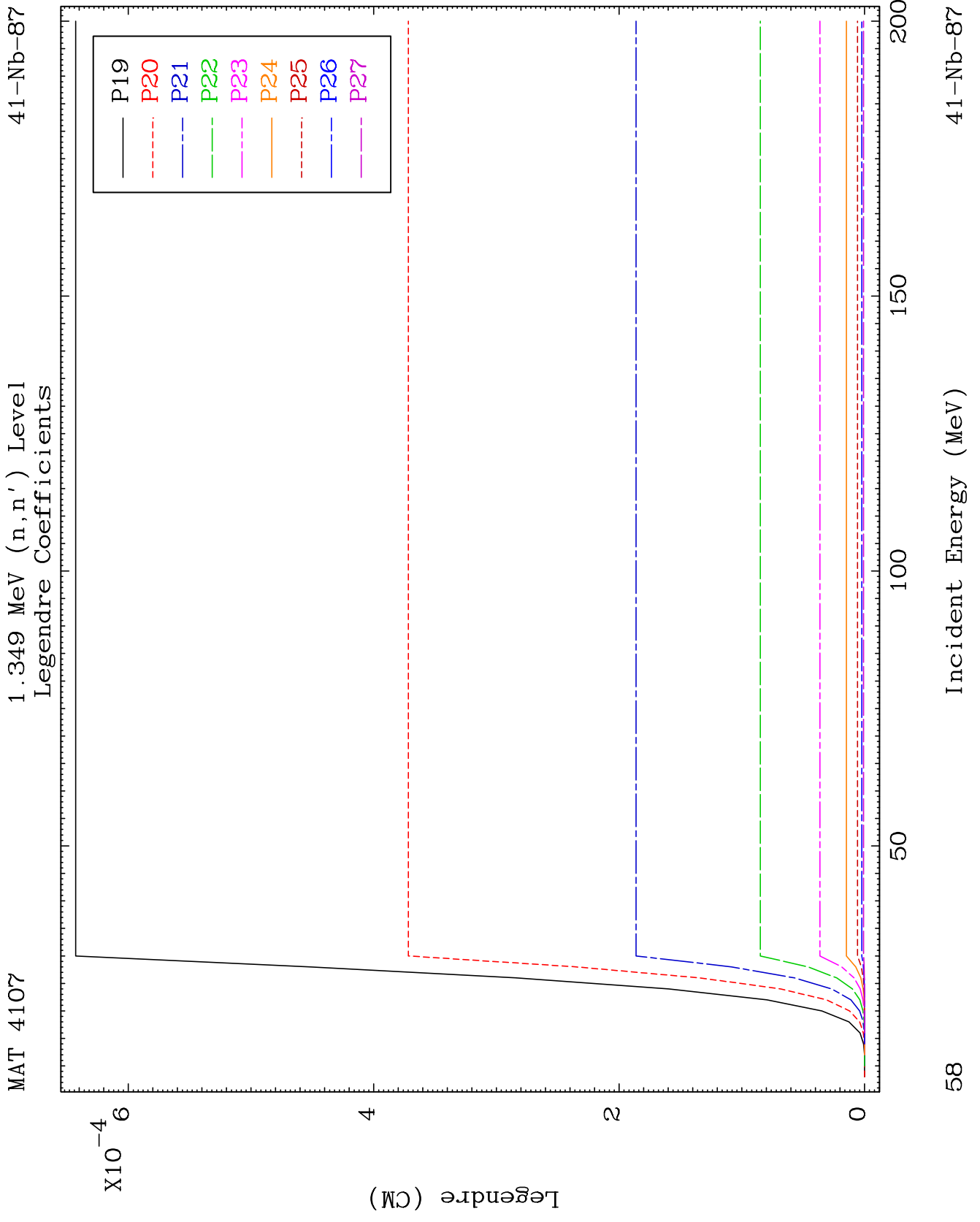


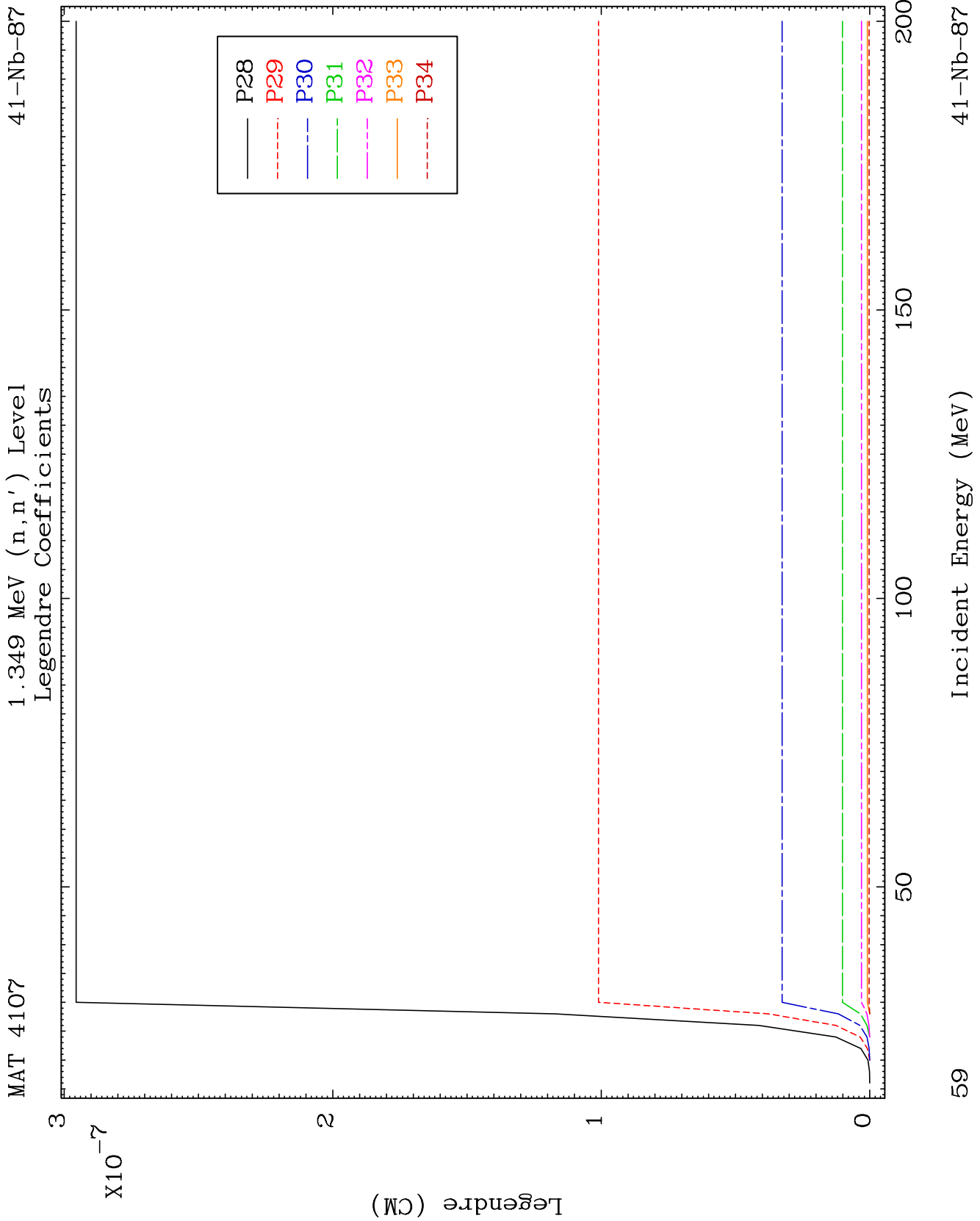
41-Nb-87

Incident Energy (MeV)

56



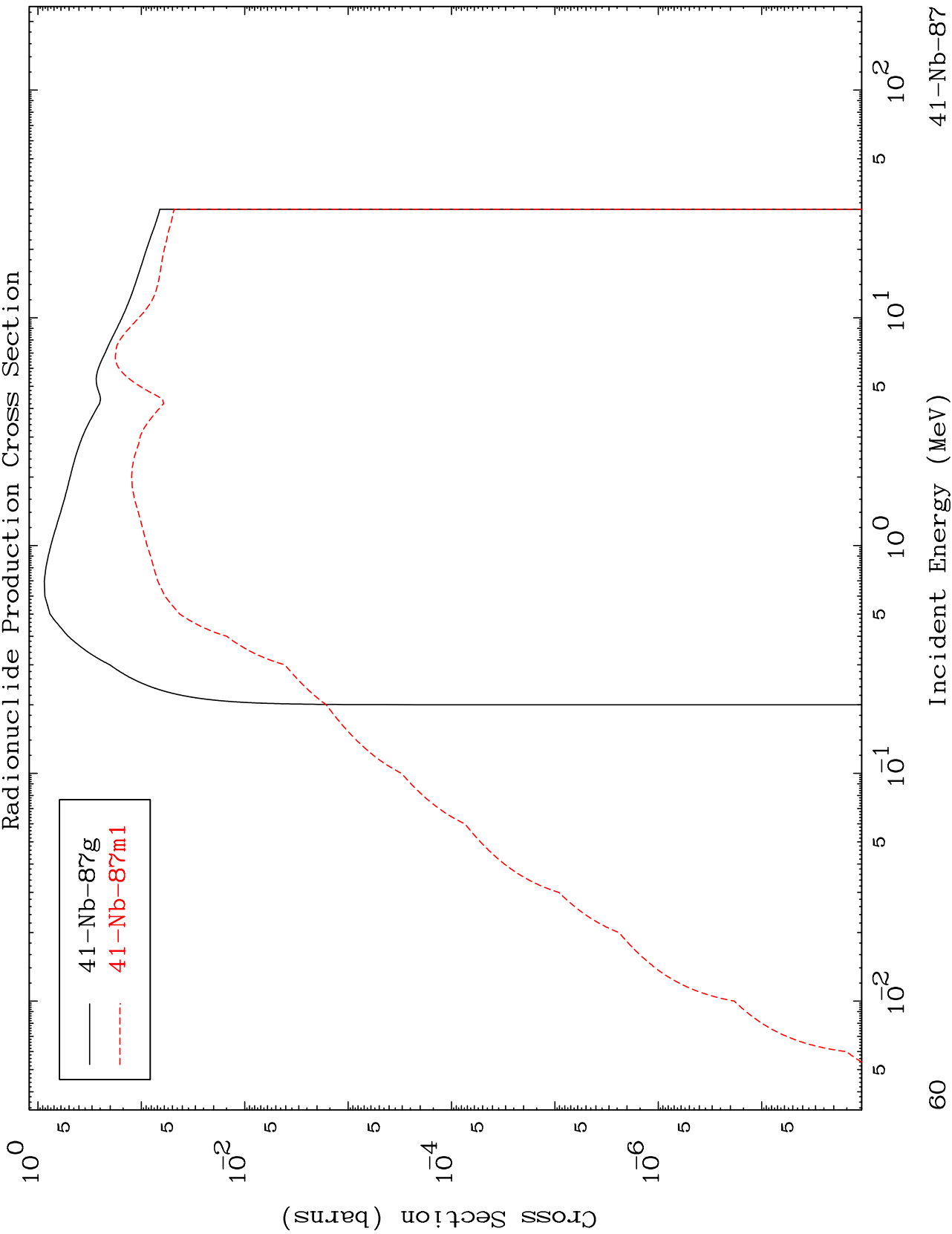




MAT 4107

41-Nb-87

Inelastic
Radionuclide Production Cross Section



41-Nb-87

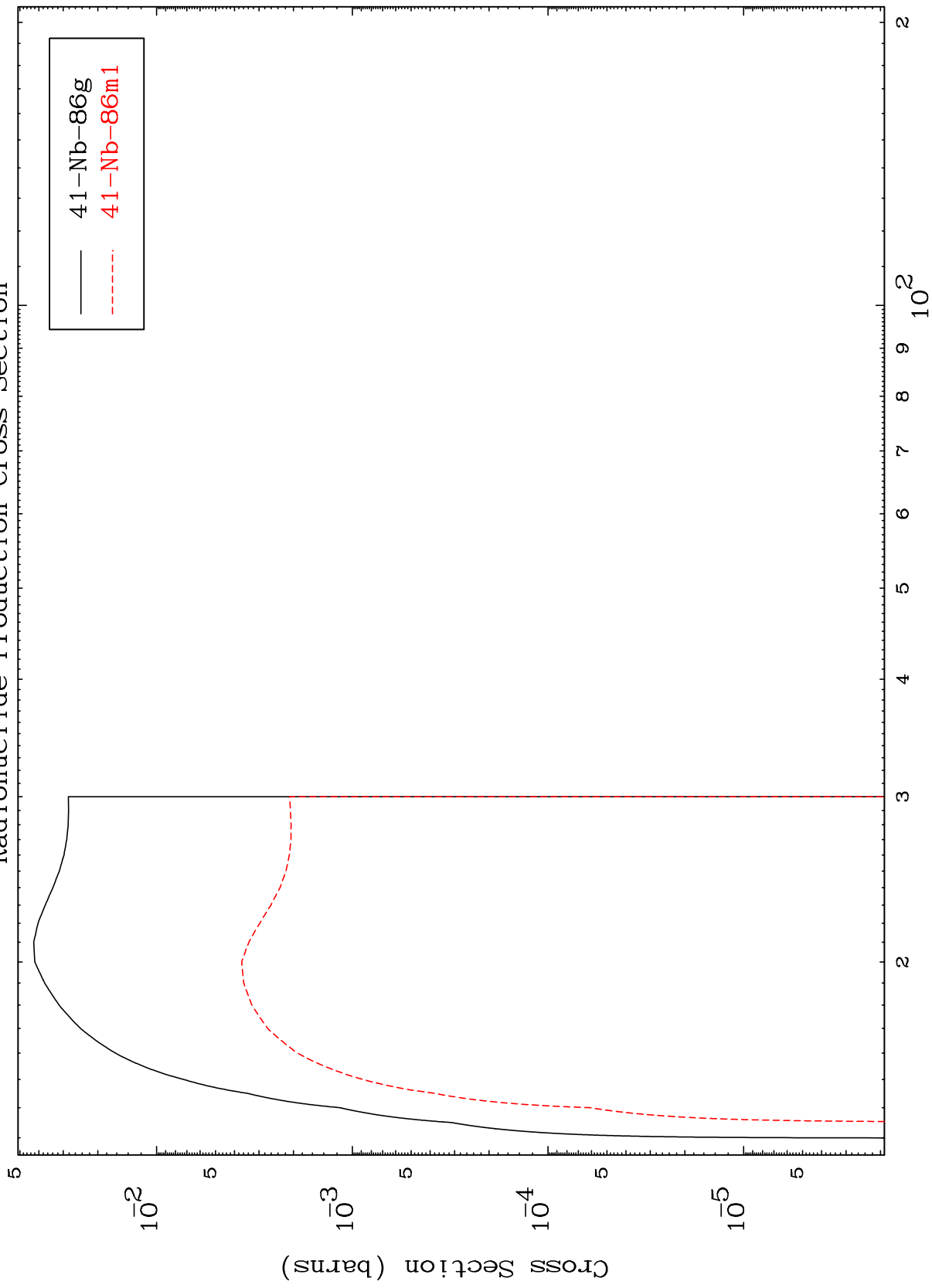
Incident Energy (MeV)

60

MAT 4107

41-Nb-87

(n,2n)
Radionuclide Production Cross Section



61

Incident Energy (MeV)

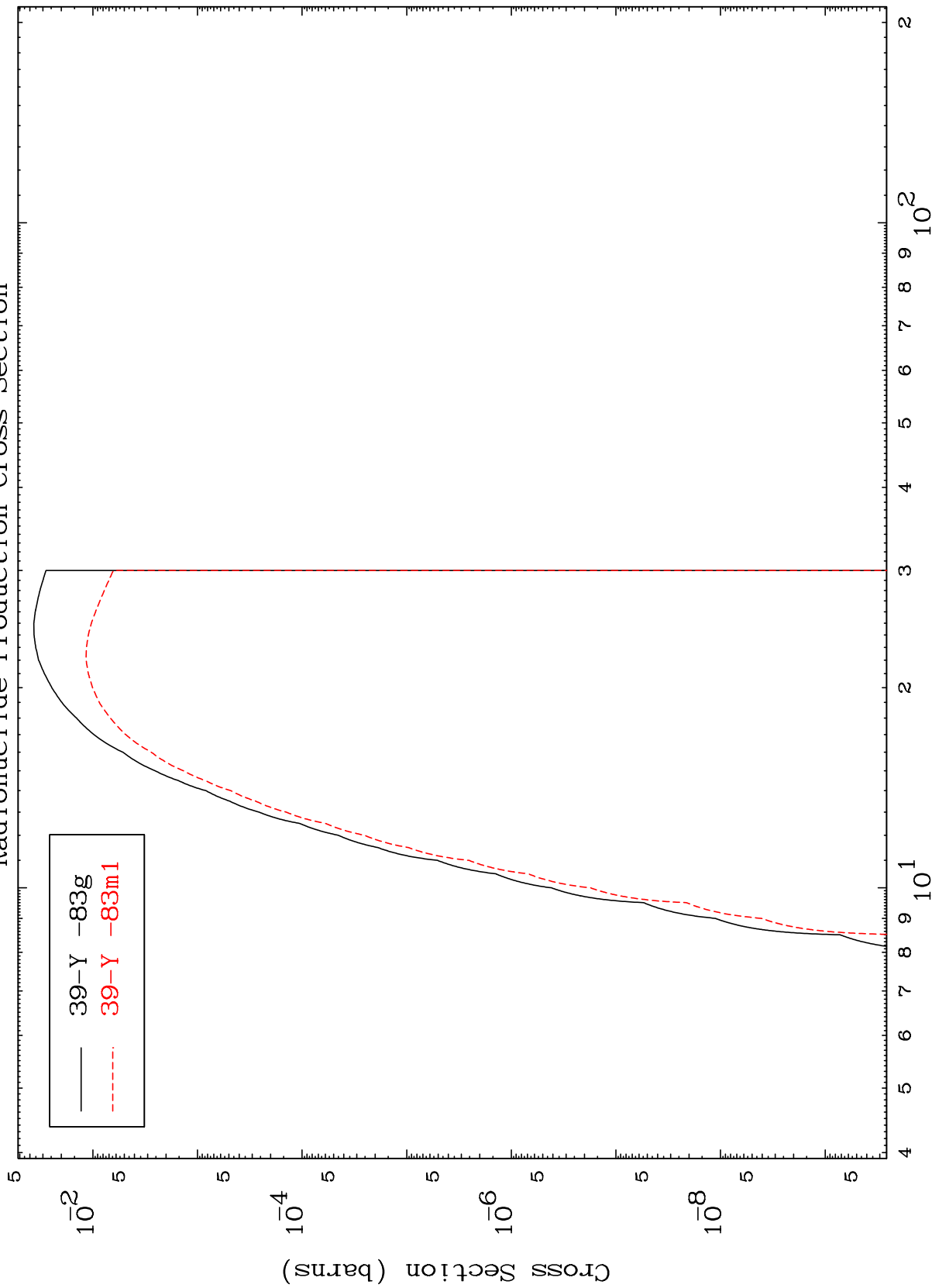
41-Nb-87

MAT 4107

$(n, n') \alpha$

41-Nb-87

Radionuclide Production Cross Section

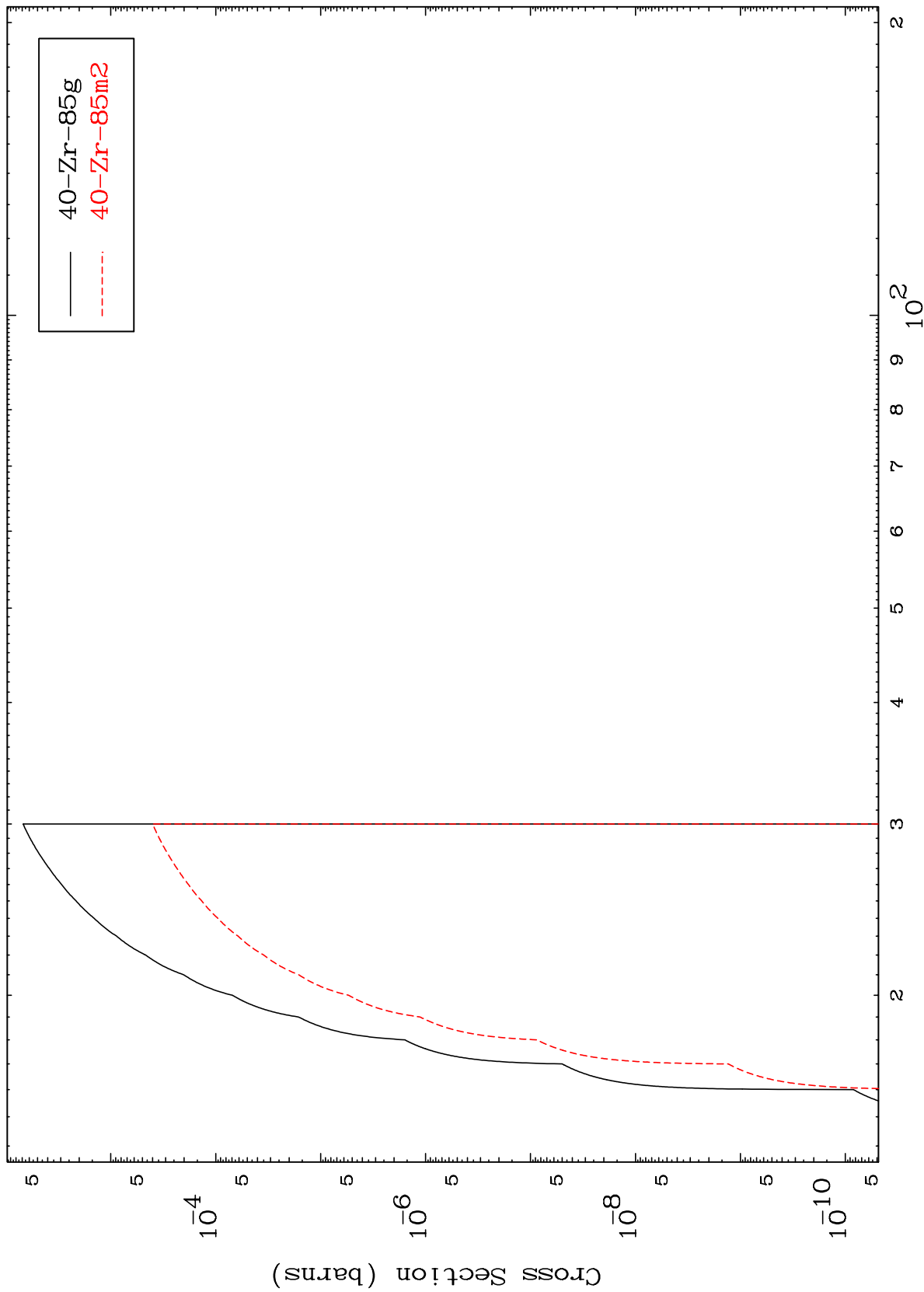


62

Incident Energy (MeV)

41-Nb-87

Radionuclide Production Cross Section

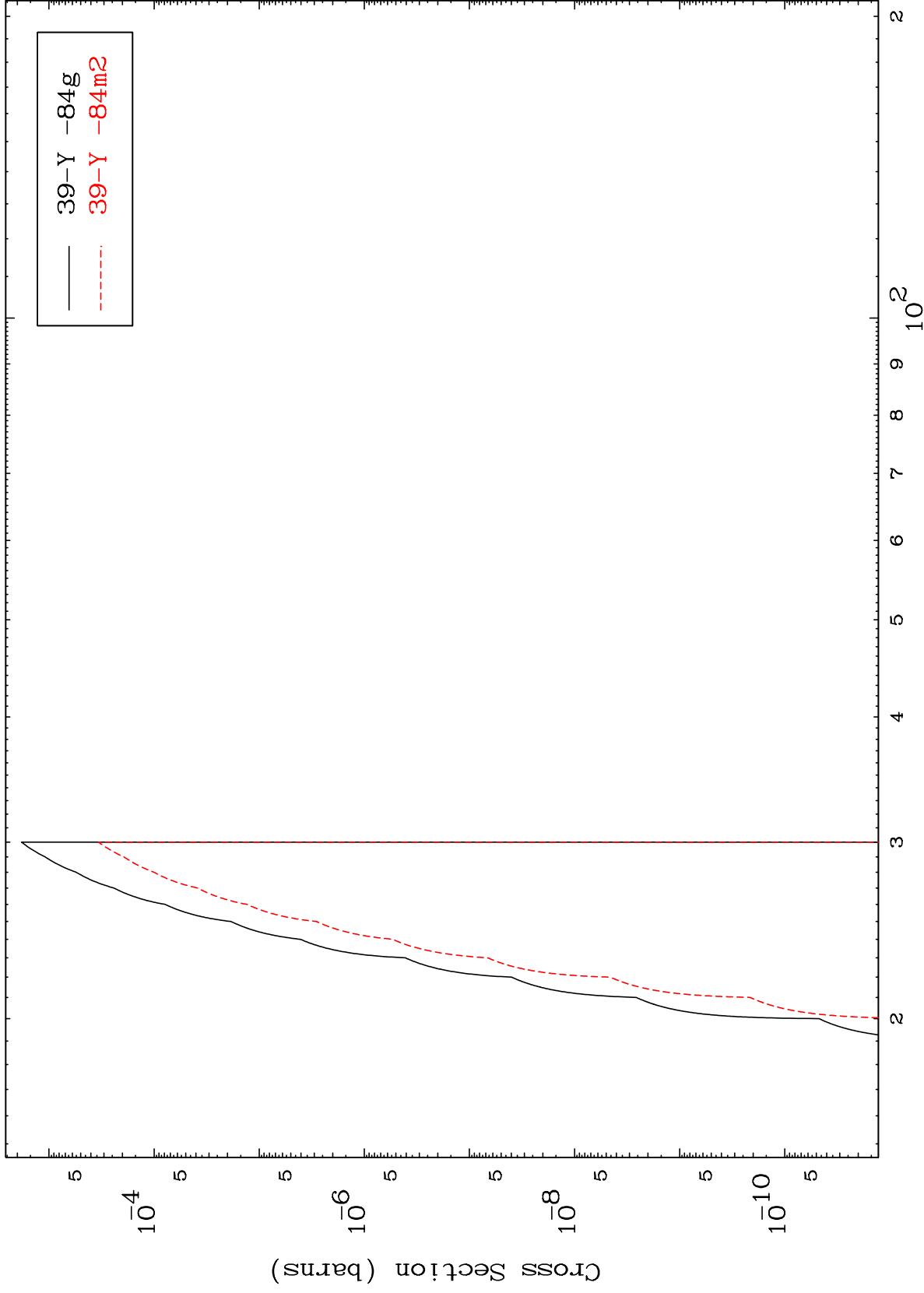


MAT 4107

(n,n') He-3

41-Nb-87

Radionuclide Production Cross Section

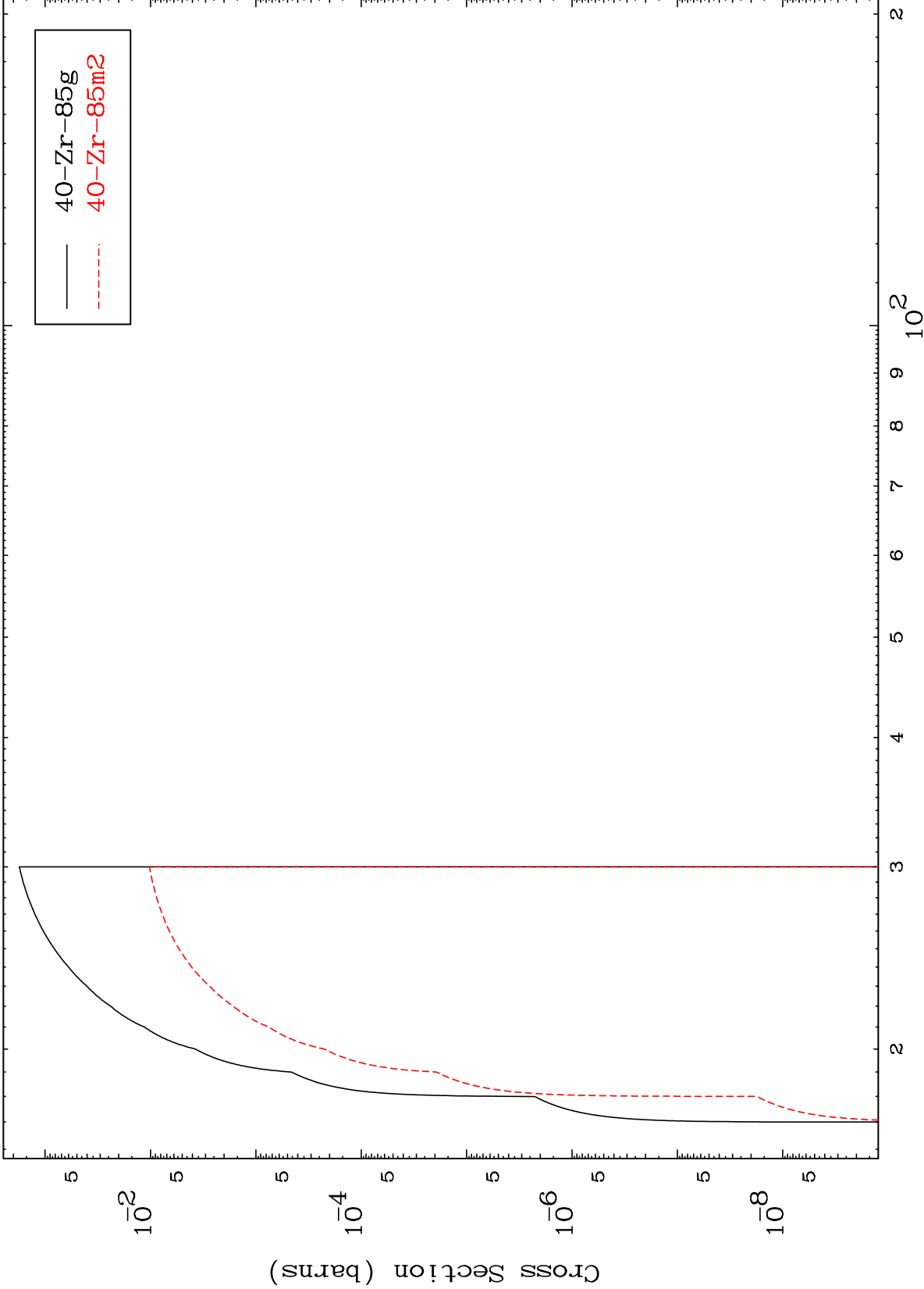


64

Incident Energy (MeV)

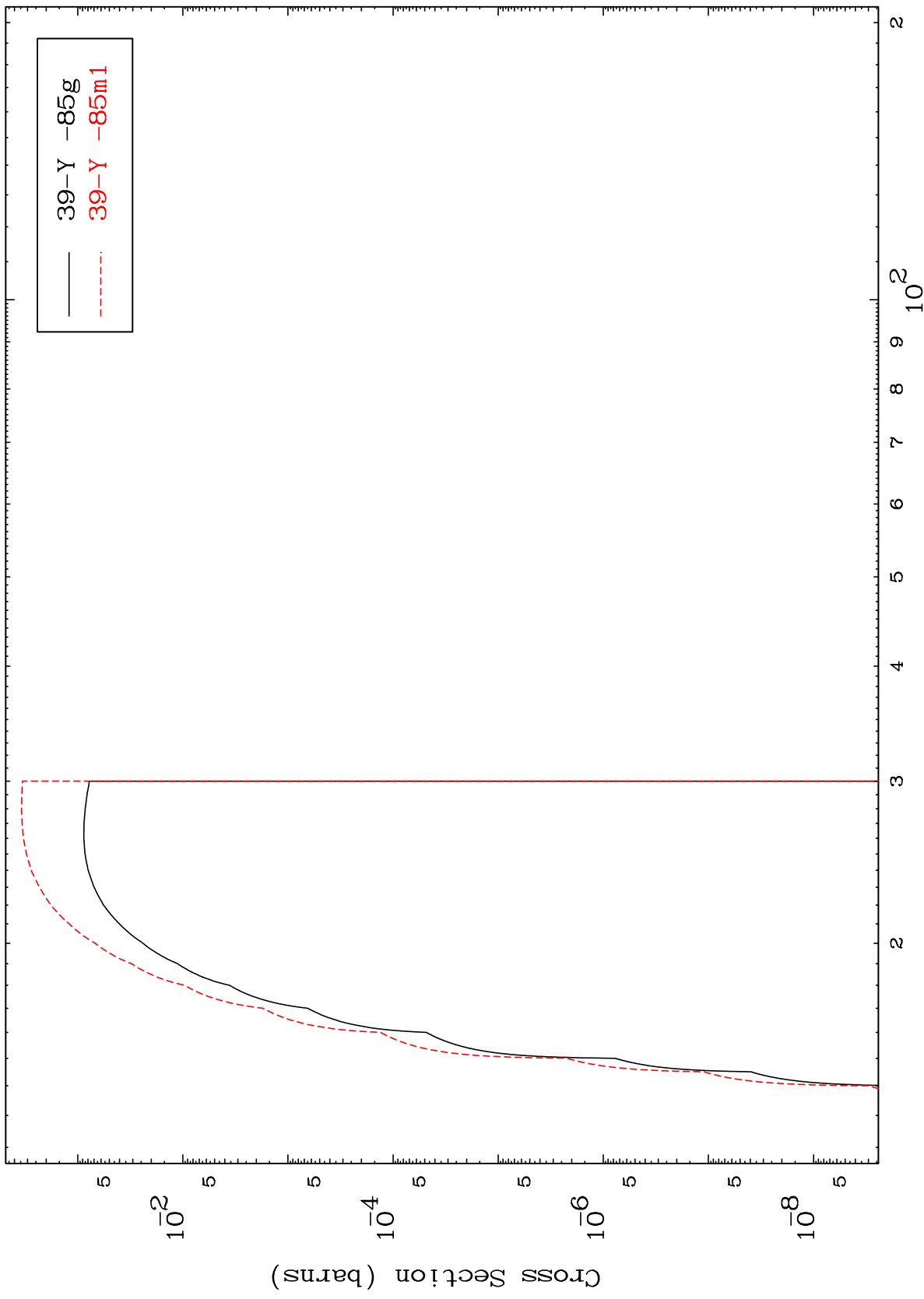
41-Nb-87

Radionuclide Production Cross Section



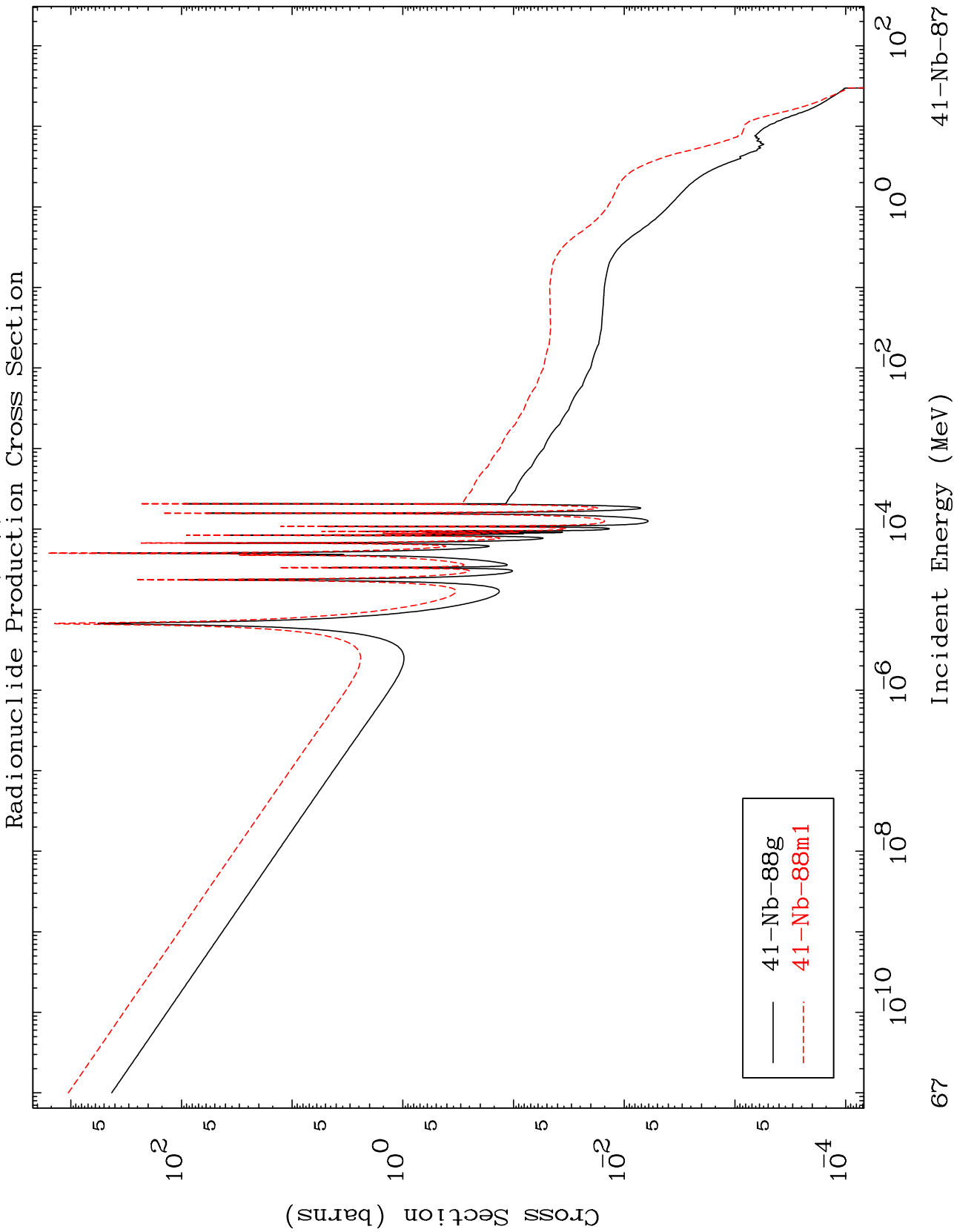
40-Zr-85g
40-Zr-85m2

Radionuclide Production Cross Section



MAT 4107

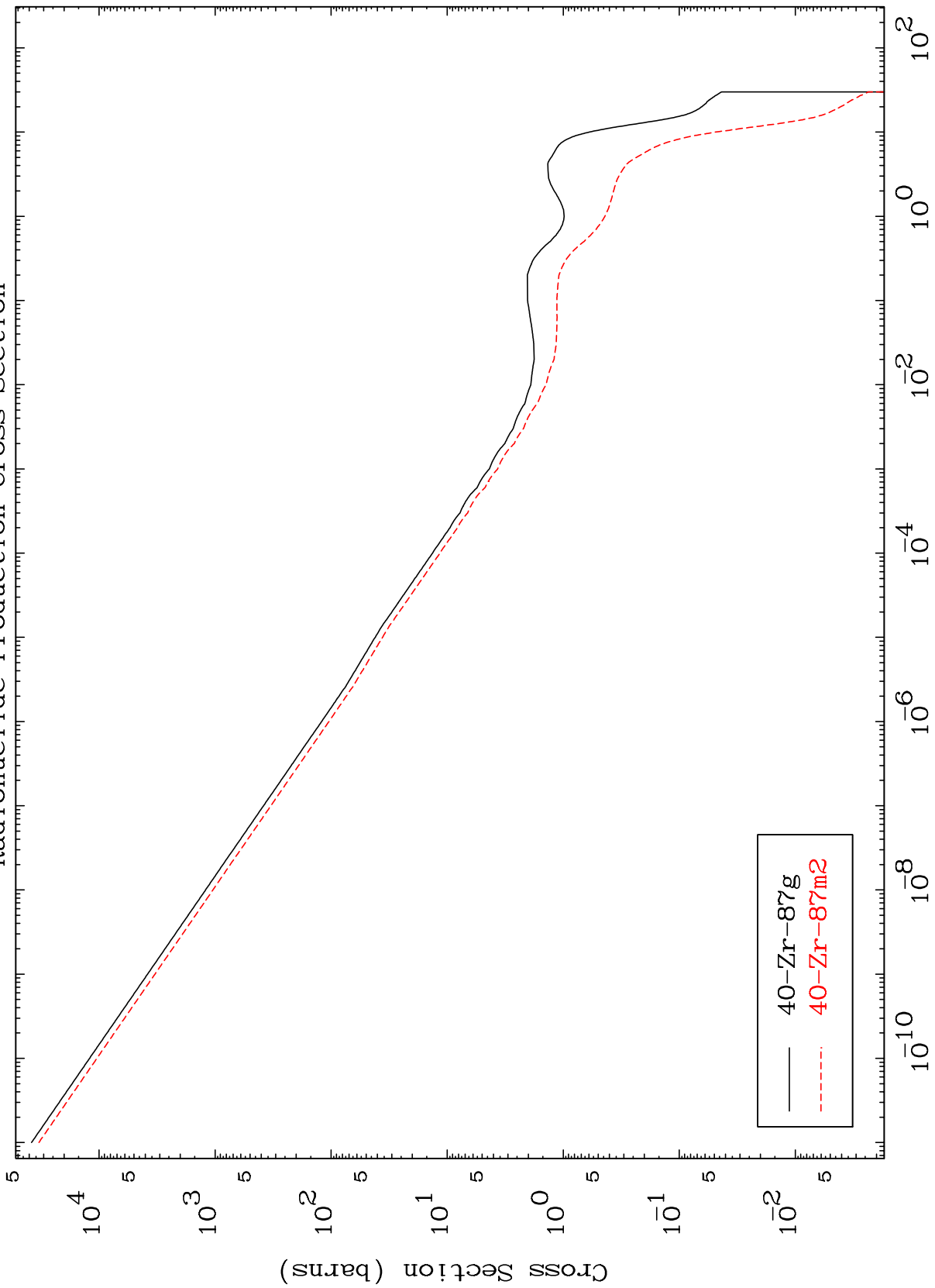
41-Nb-87



MAT 4107

41-Nb-87

Radionuclide Production Cross Section



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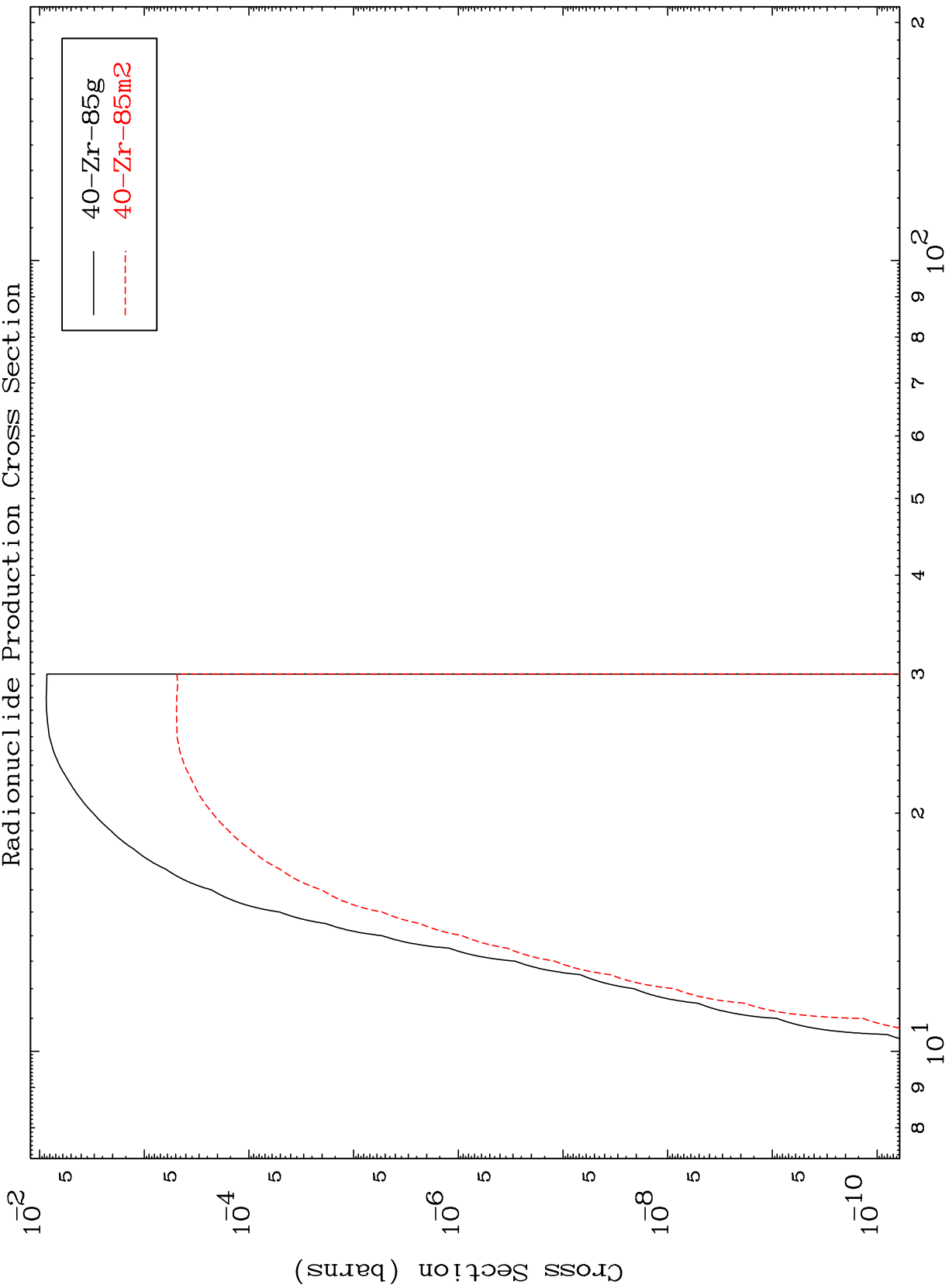
41-Nb-87

Incident Energy (MeV)

MAT 4107

41-Nb-87

(n,t)
Radionuclide Production Cross Section



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Incident Energy (MeV)

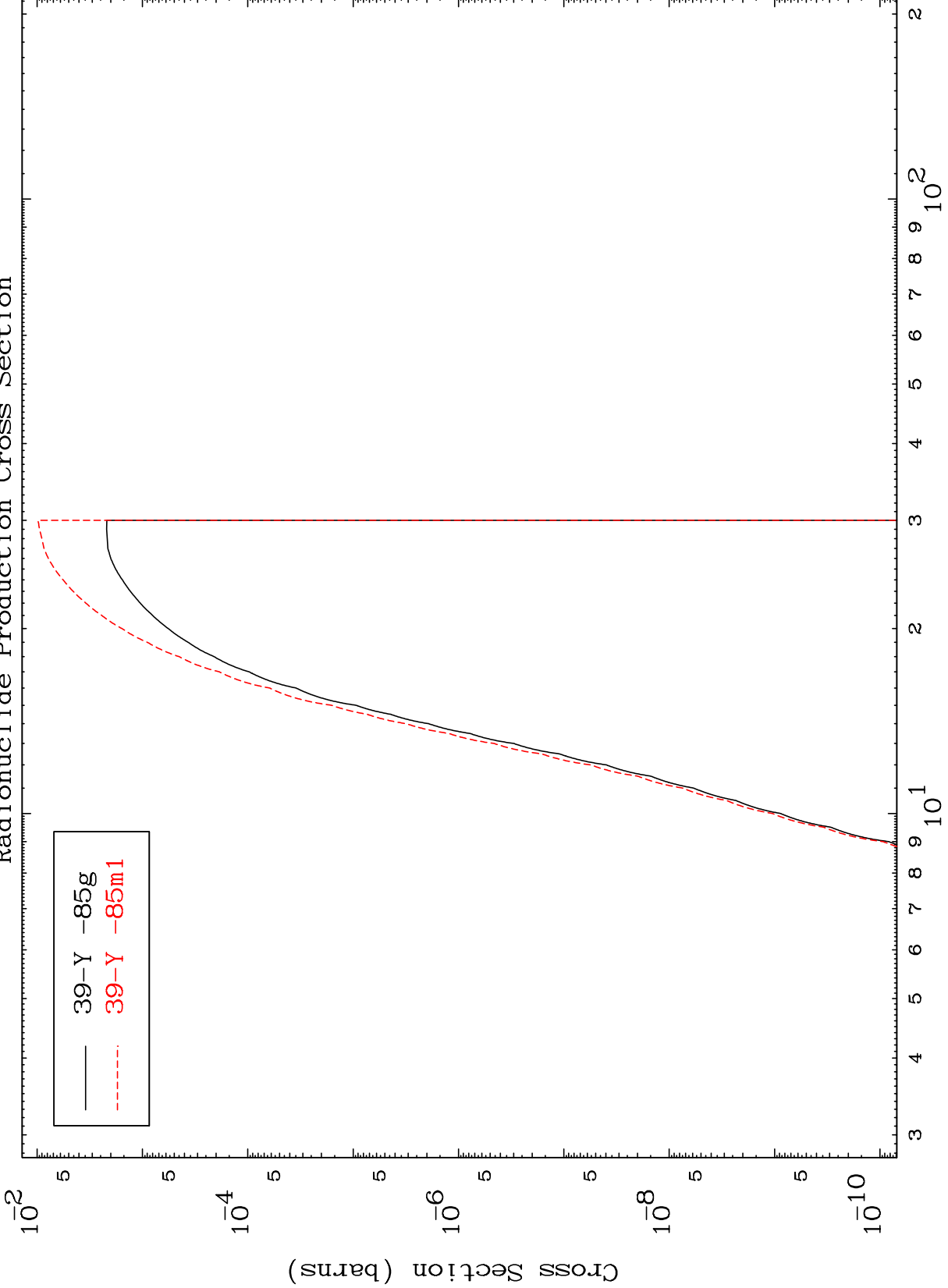
41-Nb-87

MAT 4107

(n,He-3)

41-Nb-87

Radionuclide Production Cross Section



39-Y -85g
39-Y -85m1

70

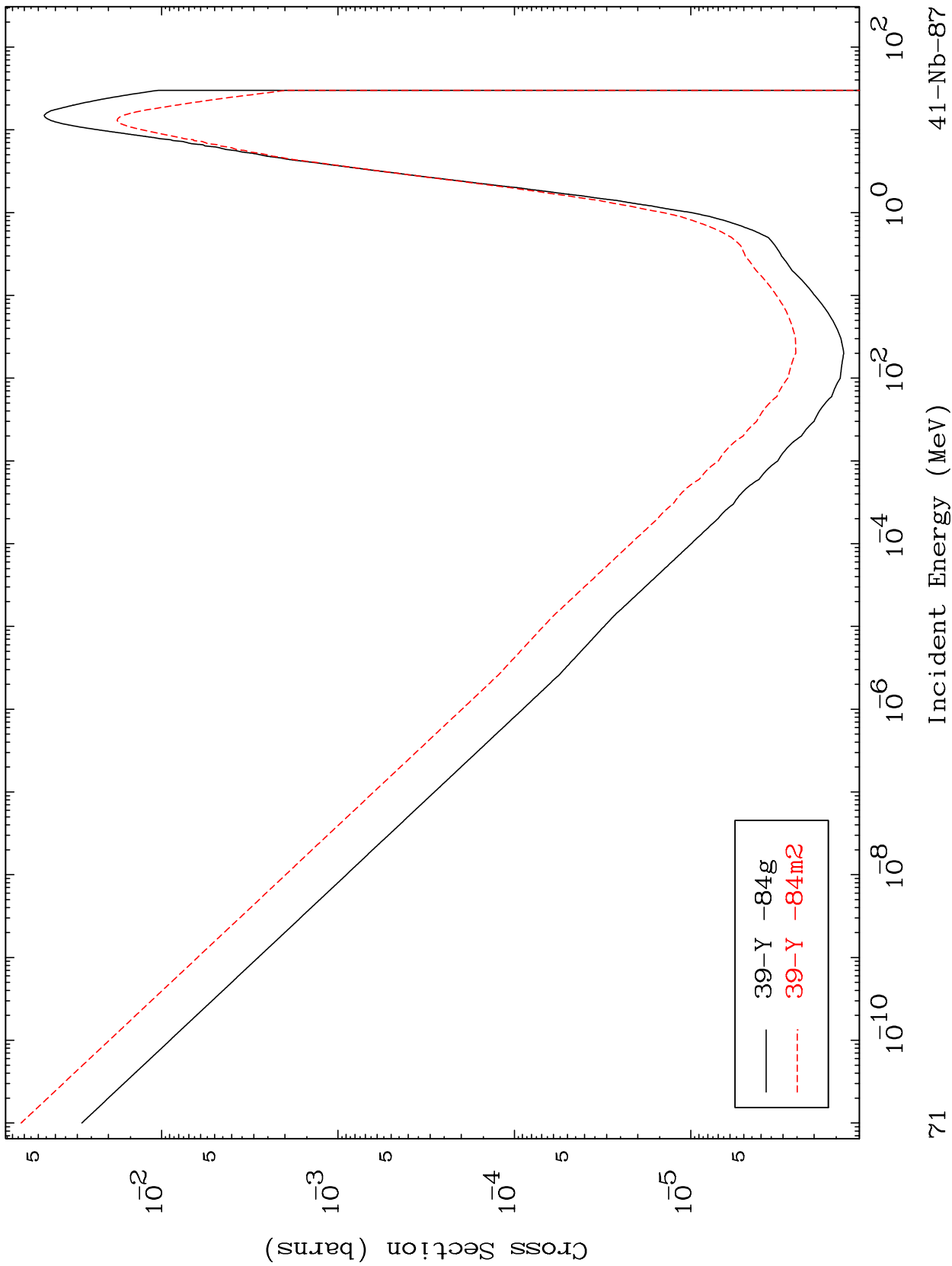
Incident Energy (MeV)

41-Nb-87

MAT 4107

41-Nb-87

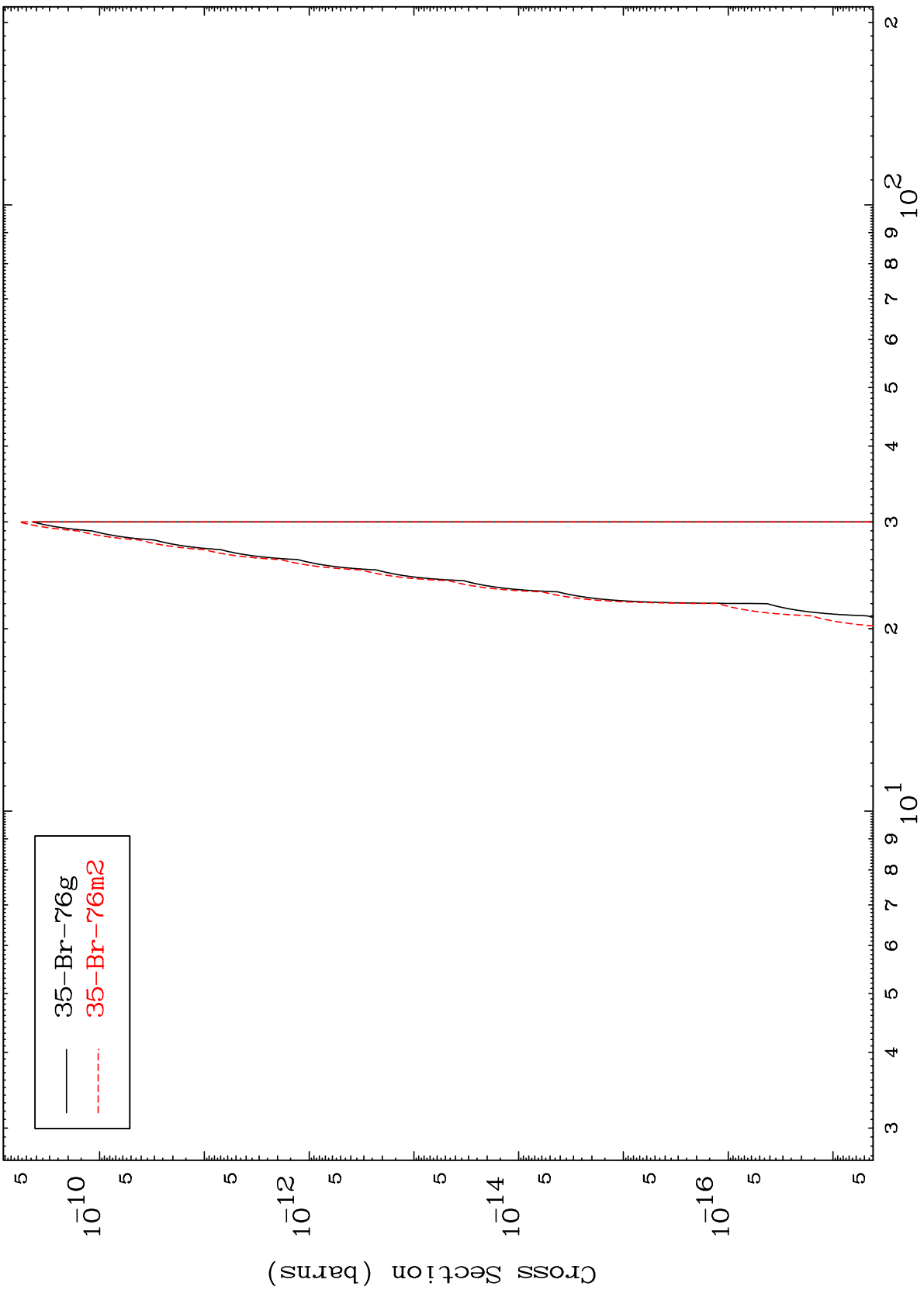
Radionuclide Production Cross Section
(n, α)



MAT 4107

41-Nb-87

Radionuclide Production Cross Section
(n, 3α)



72

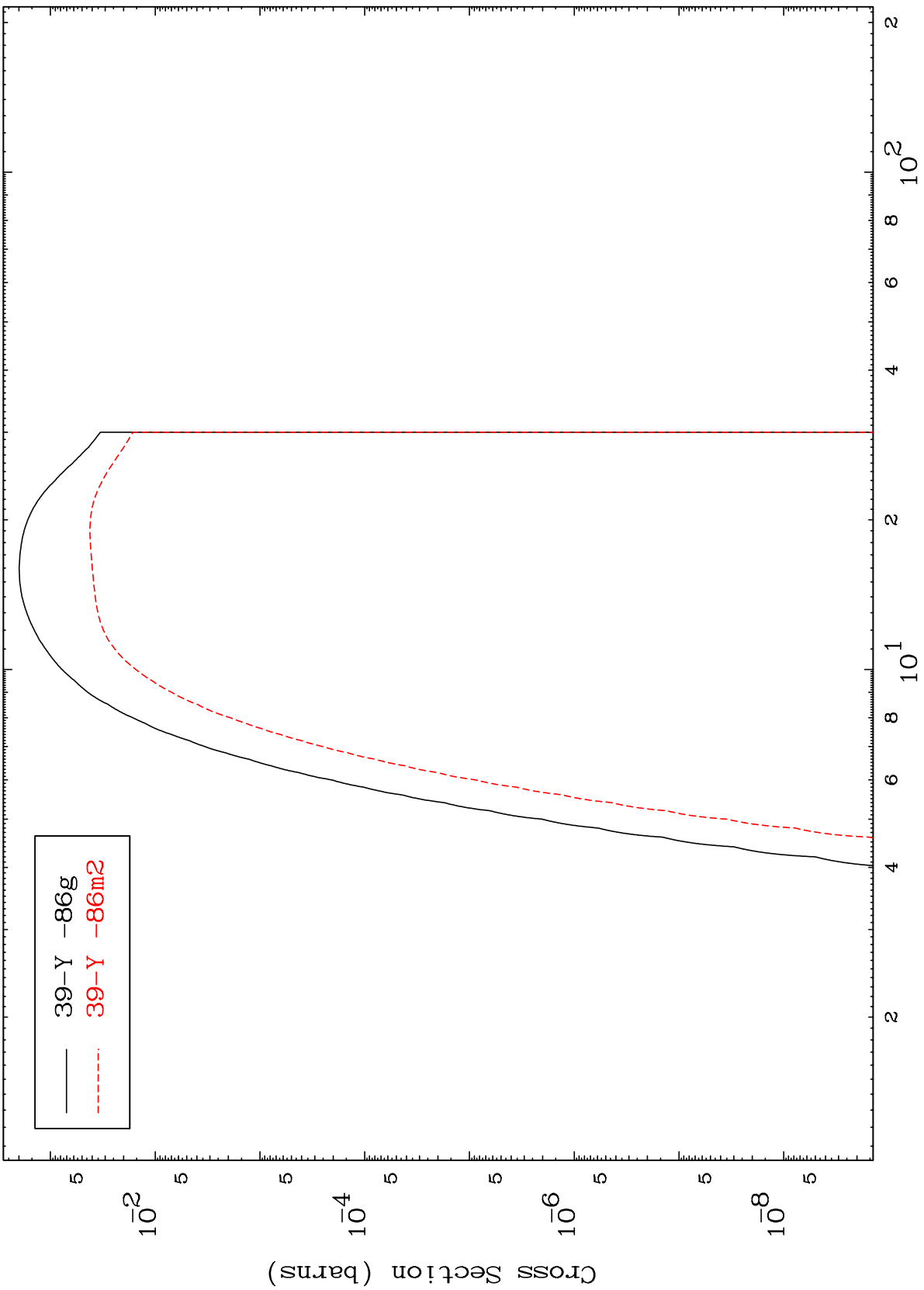
Incident Energy (MeV)

41-Nb-87

MAT 4107

41-Nb-87

(n,2p)
Radionuclide Production Cross Section



— 39-Y -86g
- - - 39-Y -86m2

73

Incident Energy (MeV)

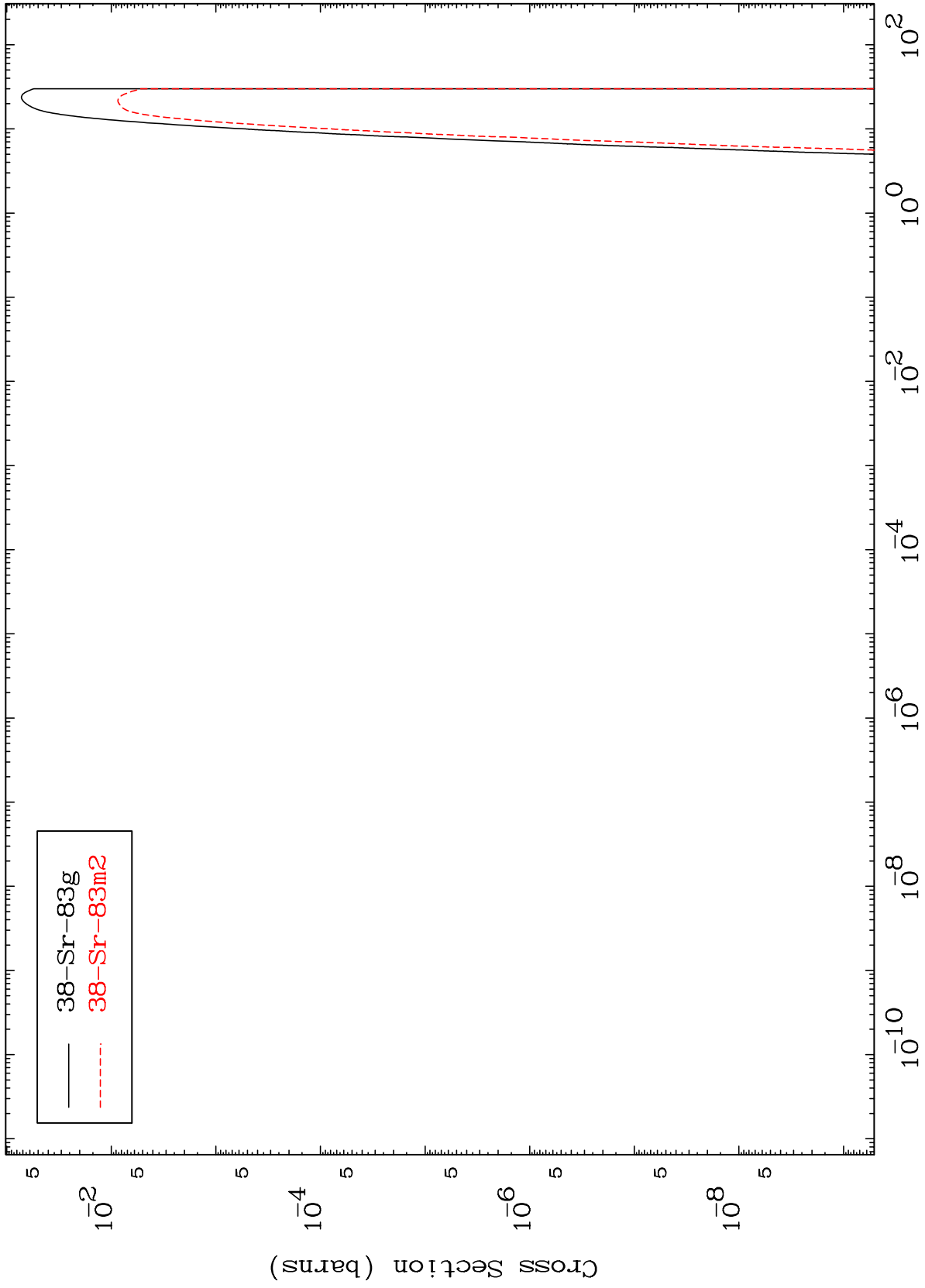
41-Nb-87

MAT 4107

(n,p) α

41-Nb-87

Radionuclide Production Cross Section



74

Incident Energy (MeV)

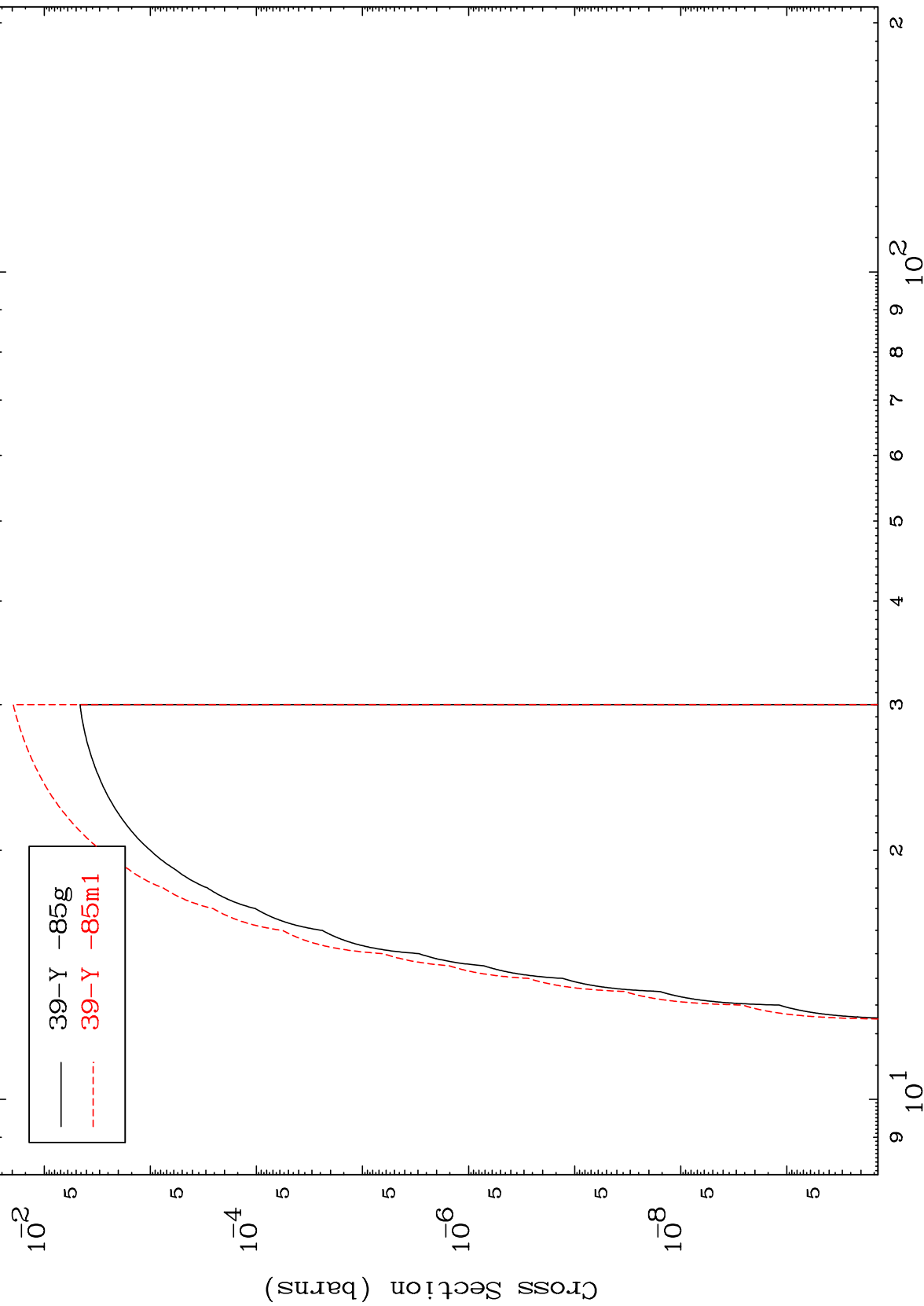
41-Nb-87

MAT 4107

(n,p) d

41-Nb-87

Radionuclide Production Cross Section



75

Incident Energy (MeV)

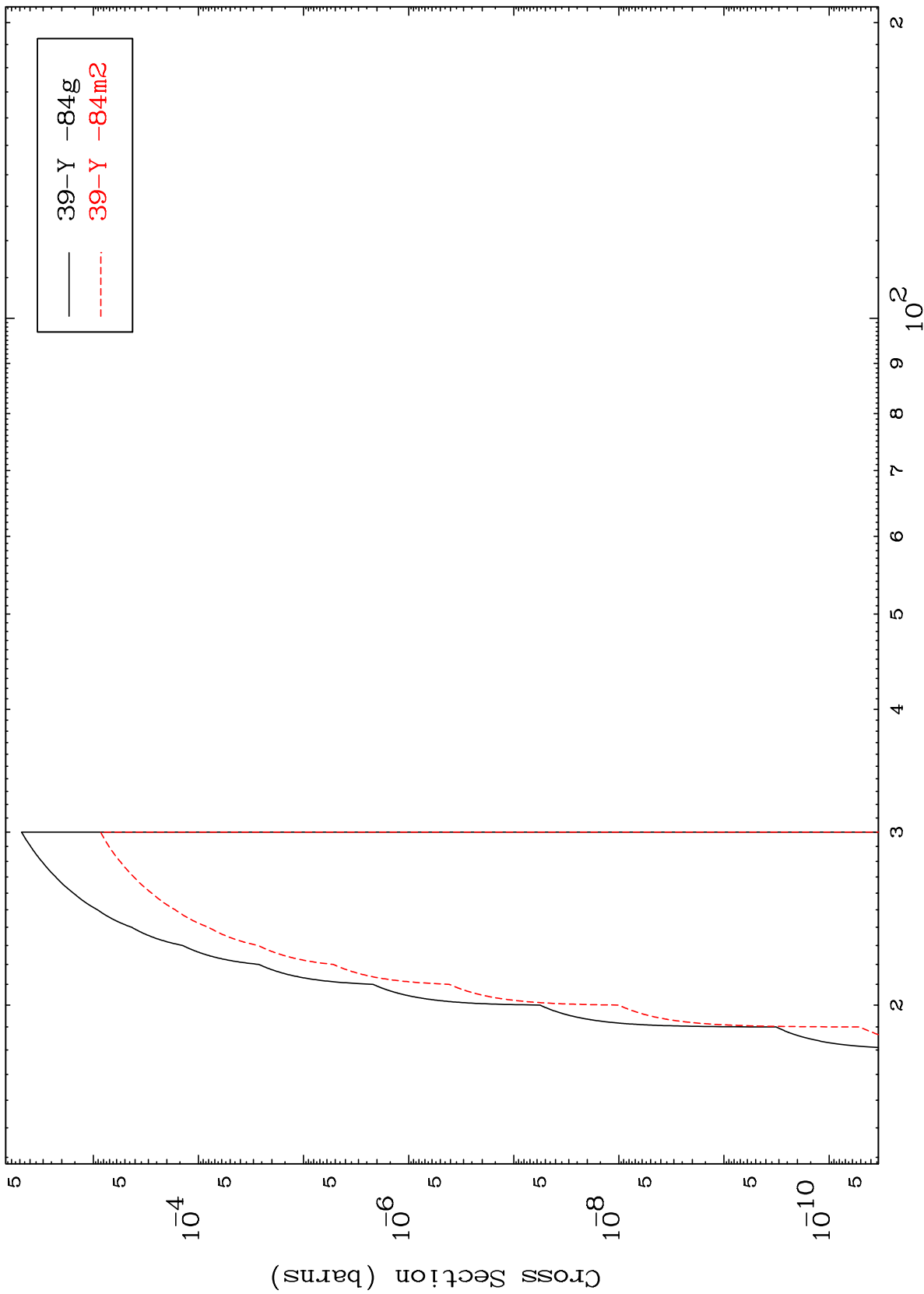
41-Nb-87

MAT 4107

(n,p) t

41-Nb-87

Radionuclide Production Cross Section



76

Incident Energy (MeV)

41-Nb-87