

Program EVALPLOT
(Version 2015-2)

by

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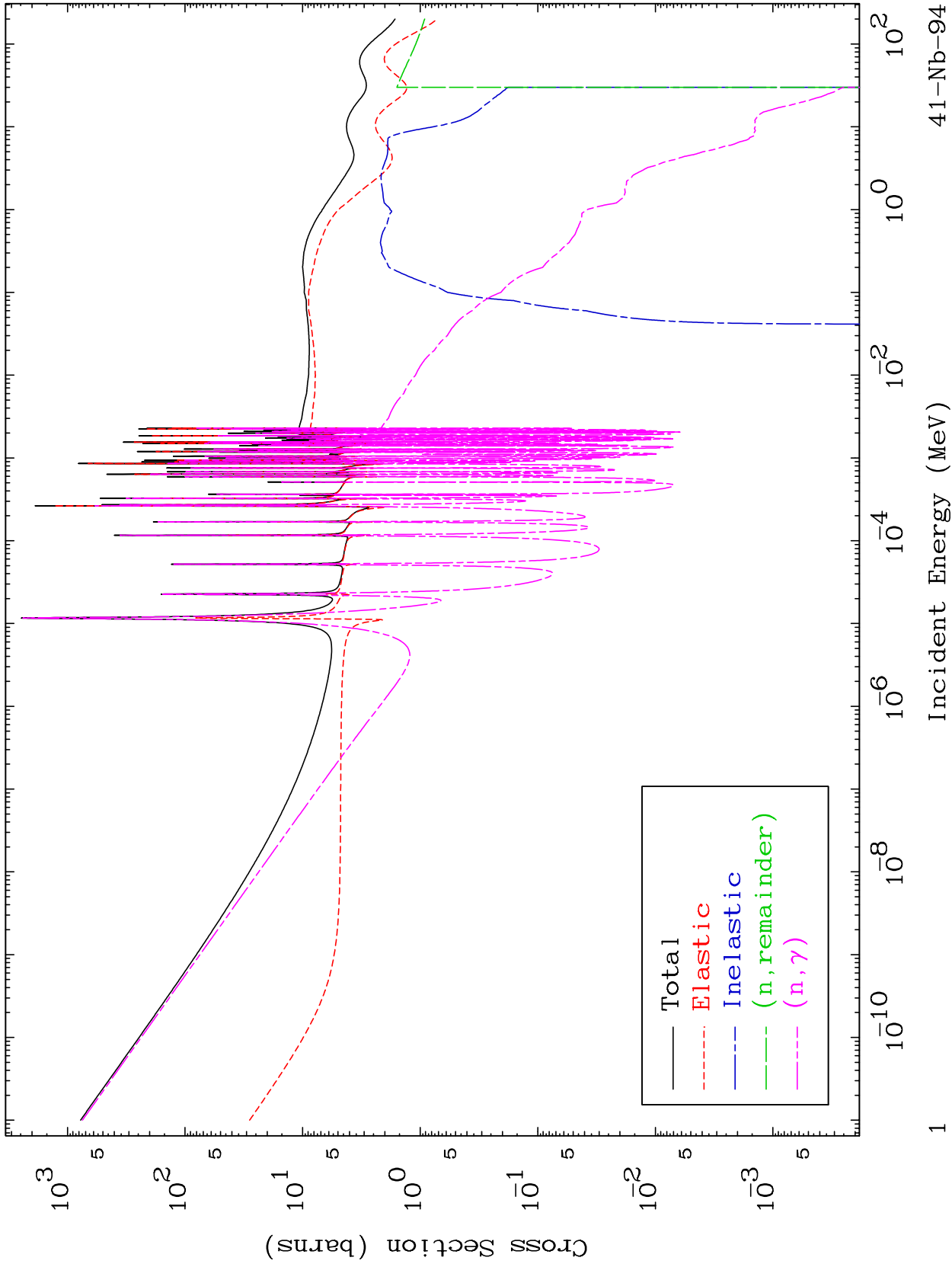
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

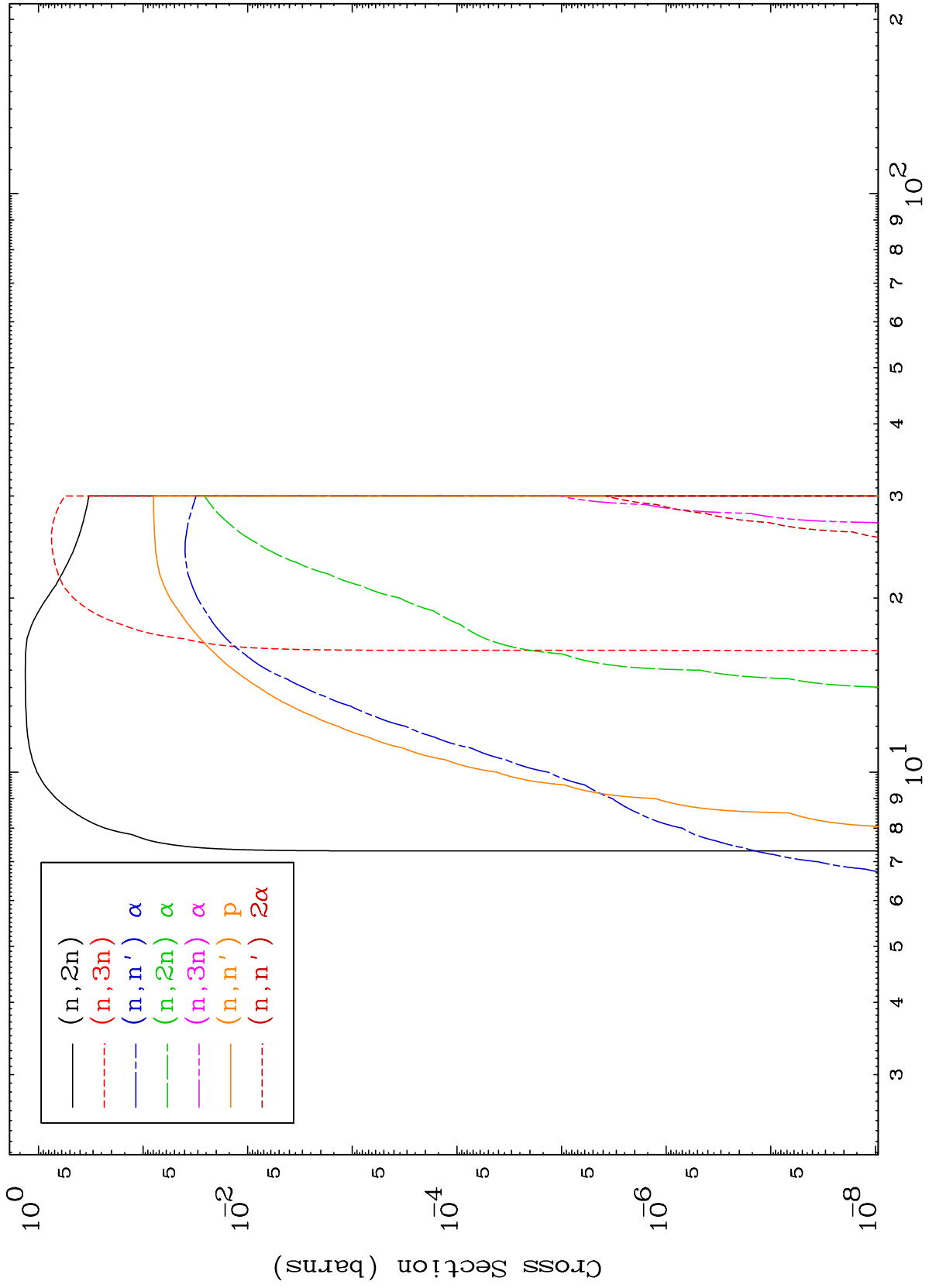
MAT 4128

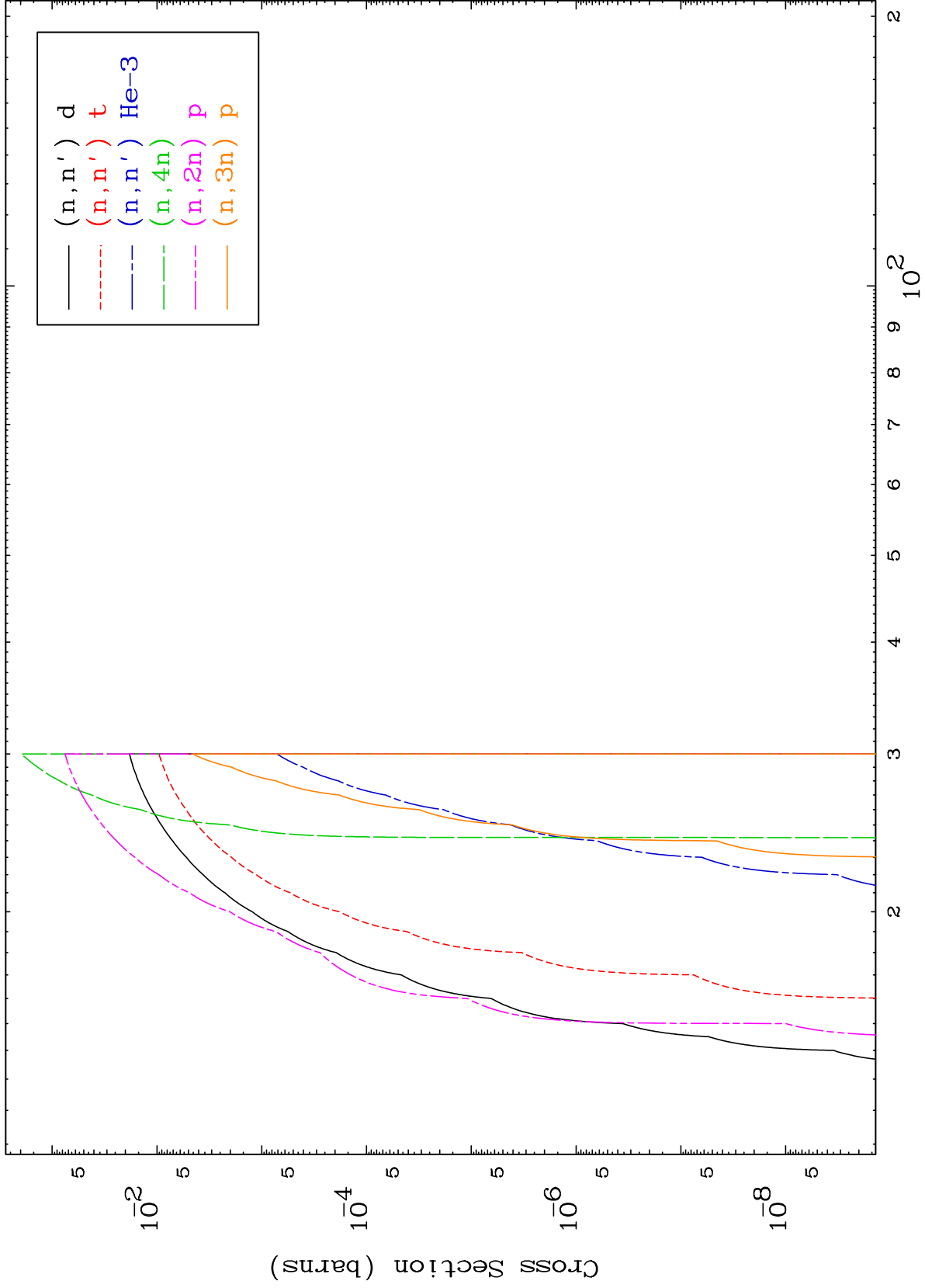
Major
293 Kelvin Cross Sections

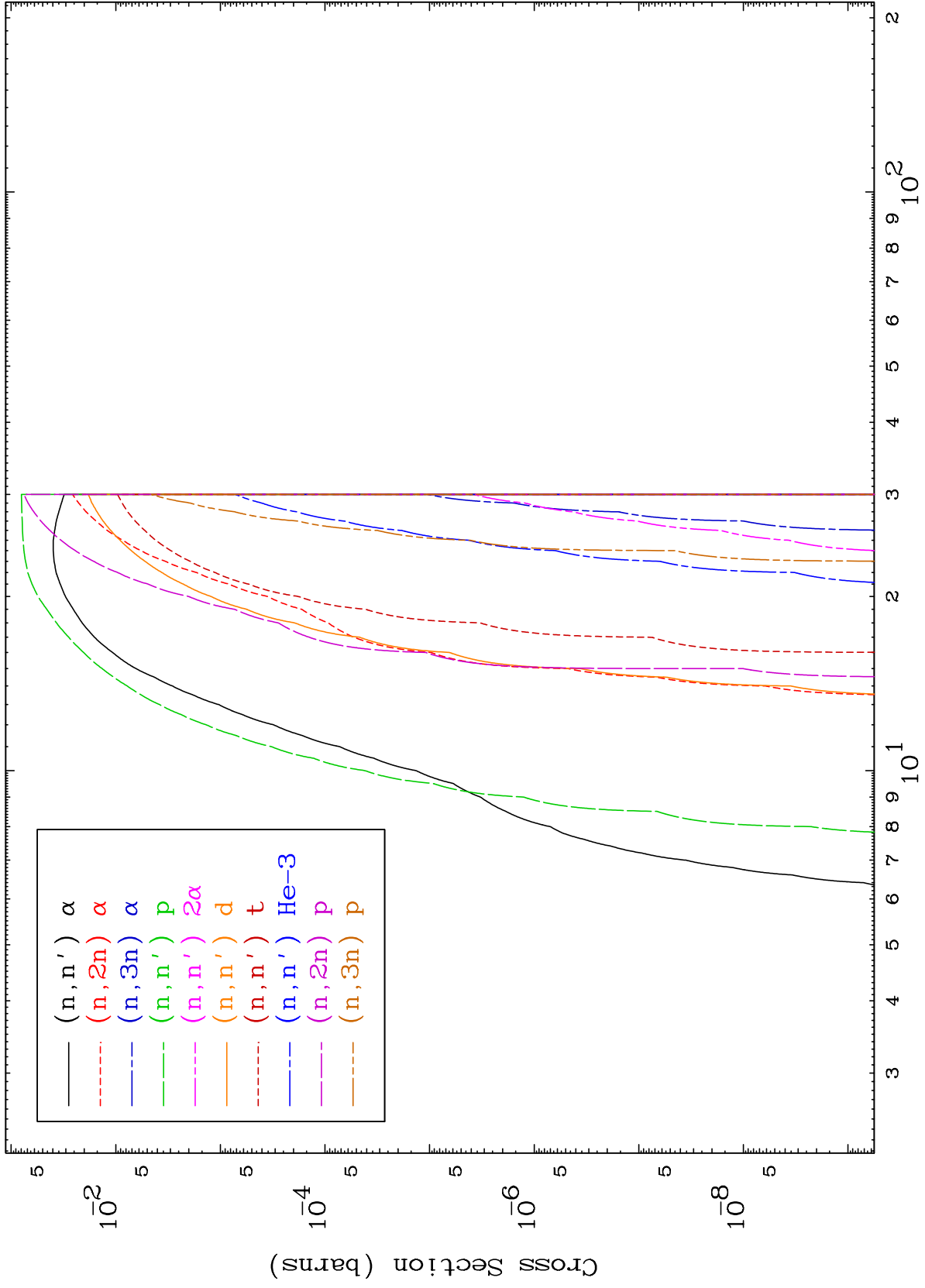
41-Nb-94



Neutron Production
293 Kelvin Cross Sections



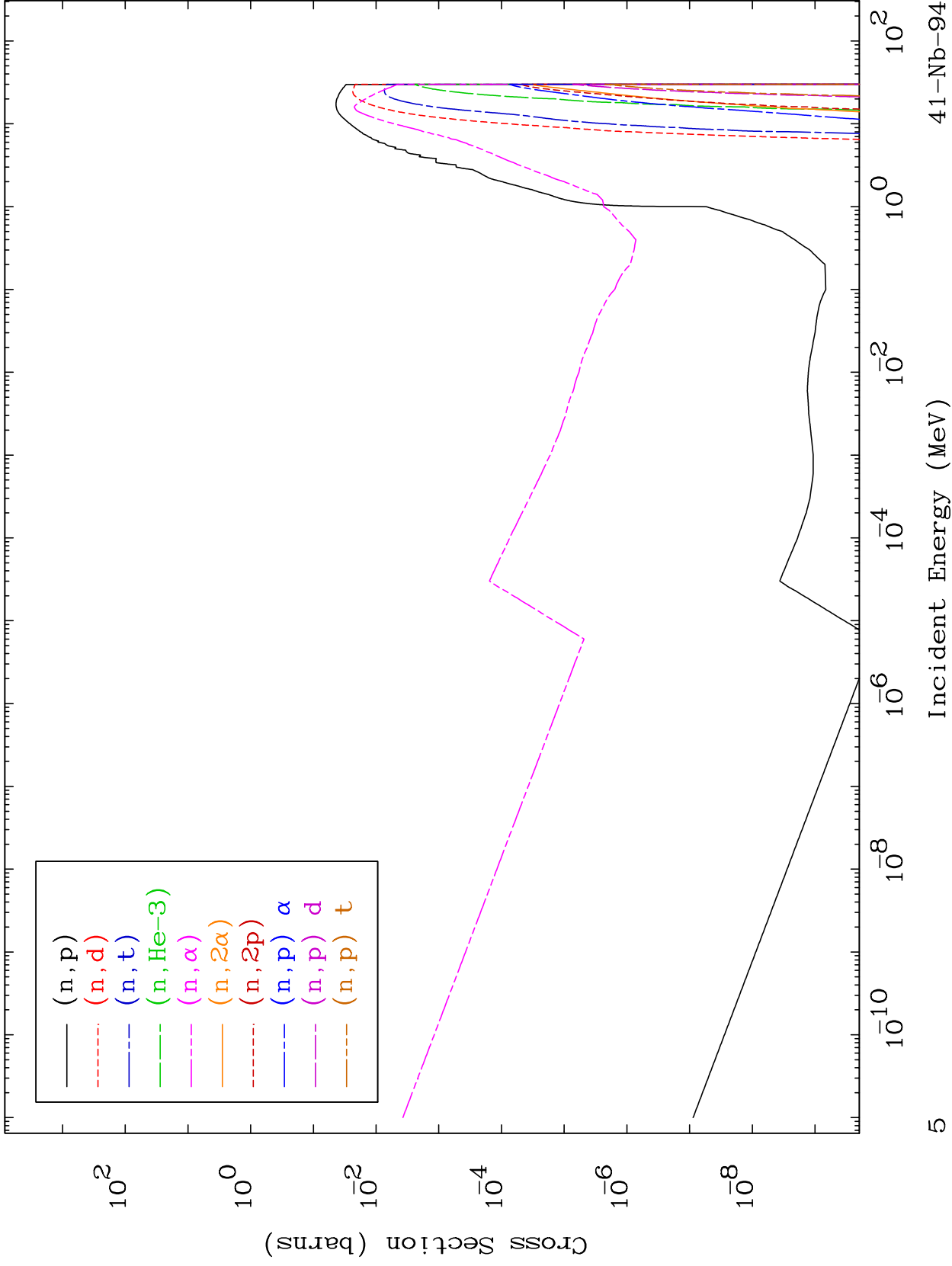




MAT 4128

Charged Particle
293 Kelvin Cross Sections

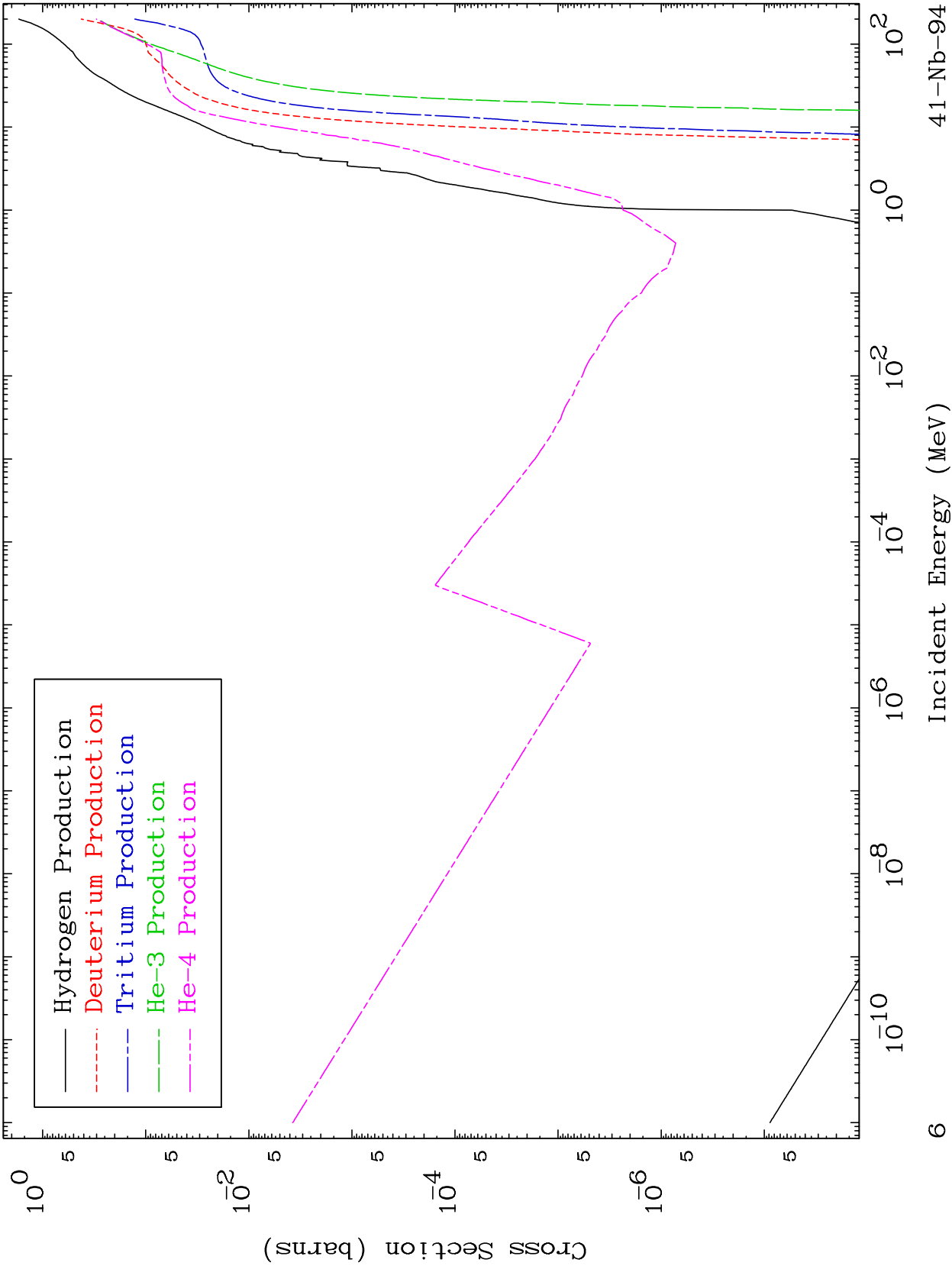
41-Nb-94

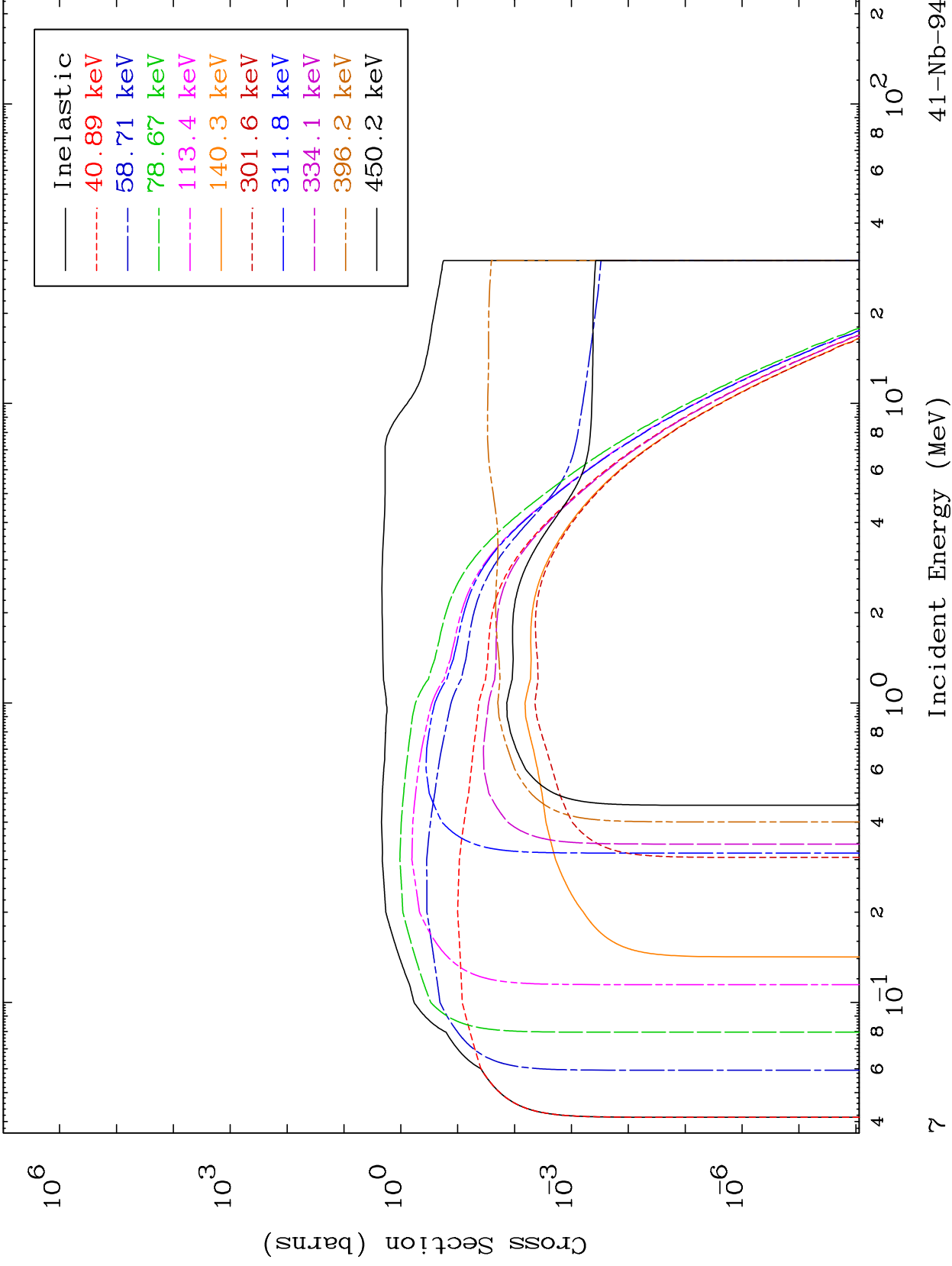


MAT 4128

Particle Production
293 Kelvin Cross Sections

41-Nb-94

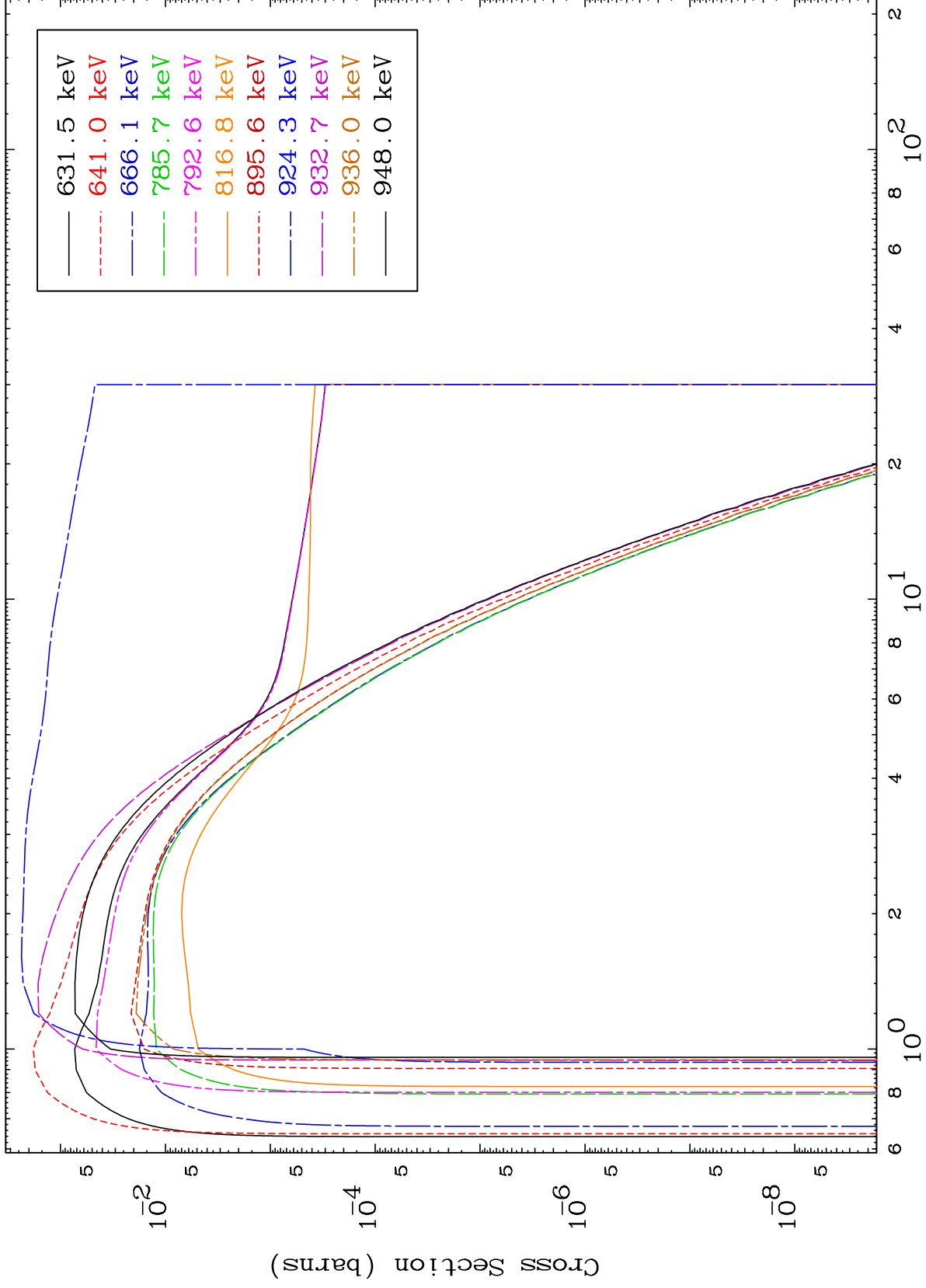




MAT 4128

(n,n') Level
293 Kelvin Cross Sections

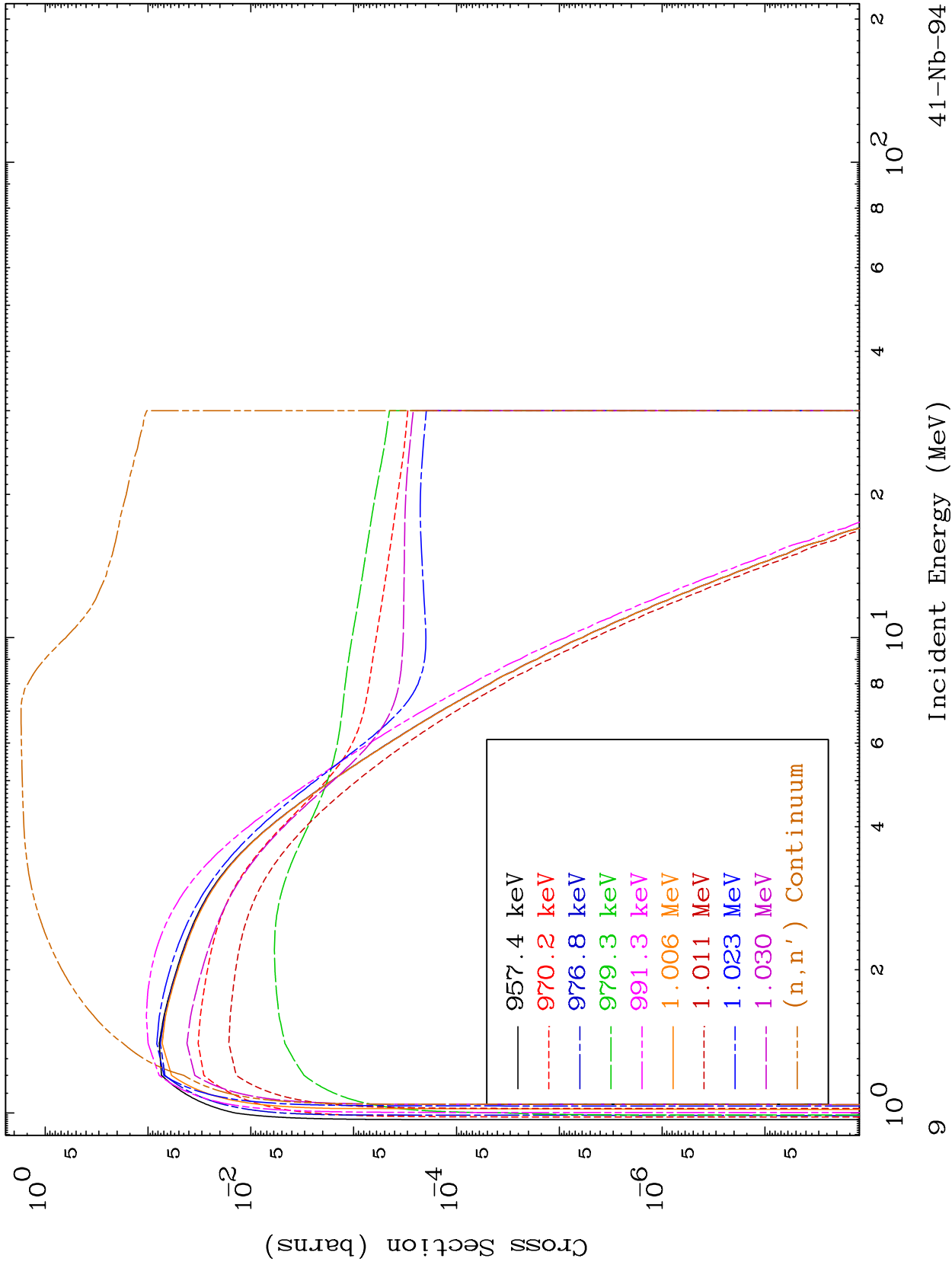
41-Nb-94



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Incident Energy (MeV)

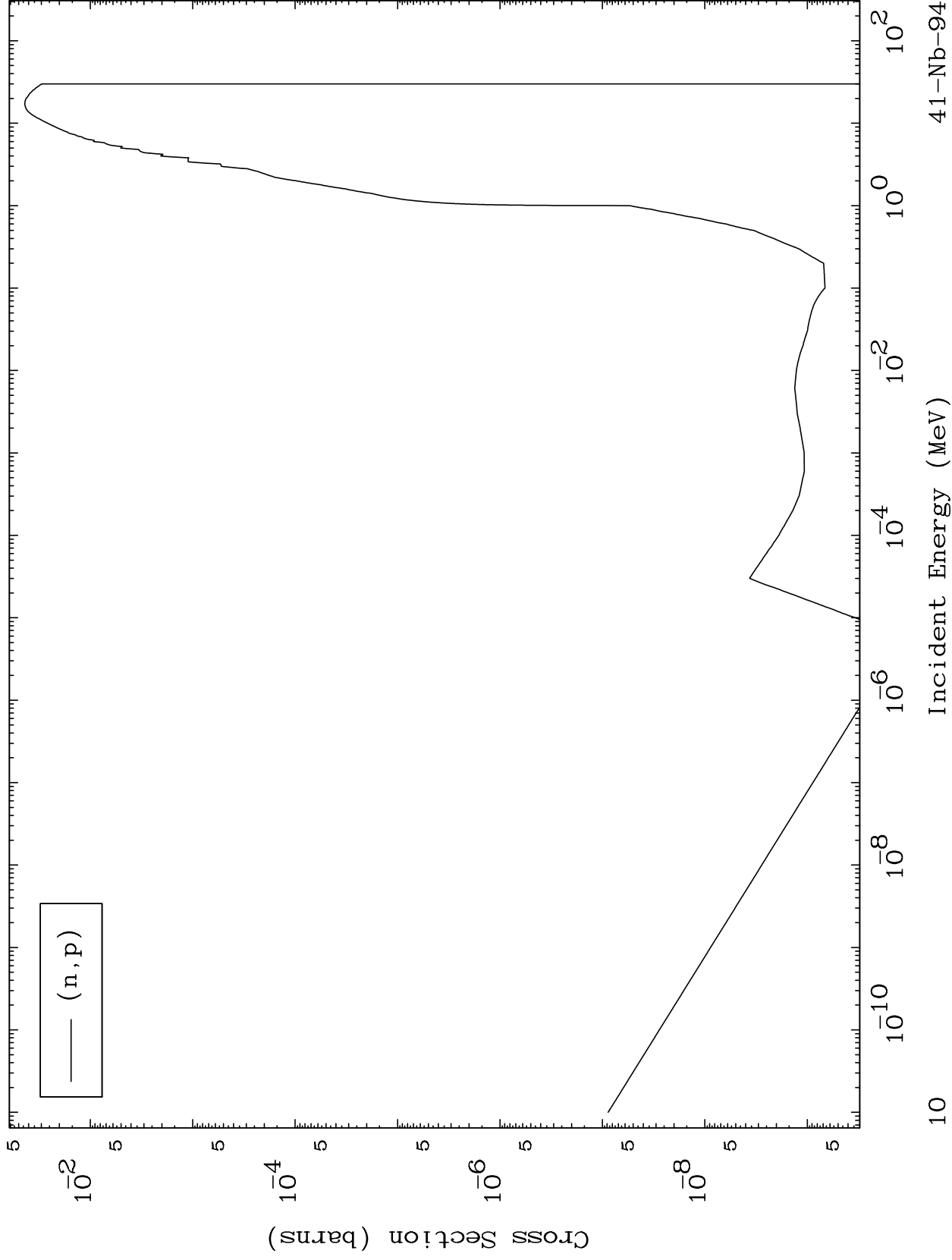
41-Nb-94



MAT 4128

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-94



10

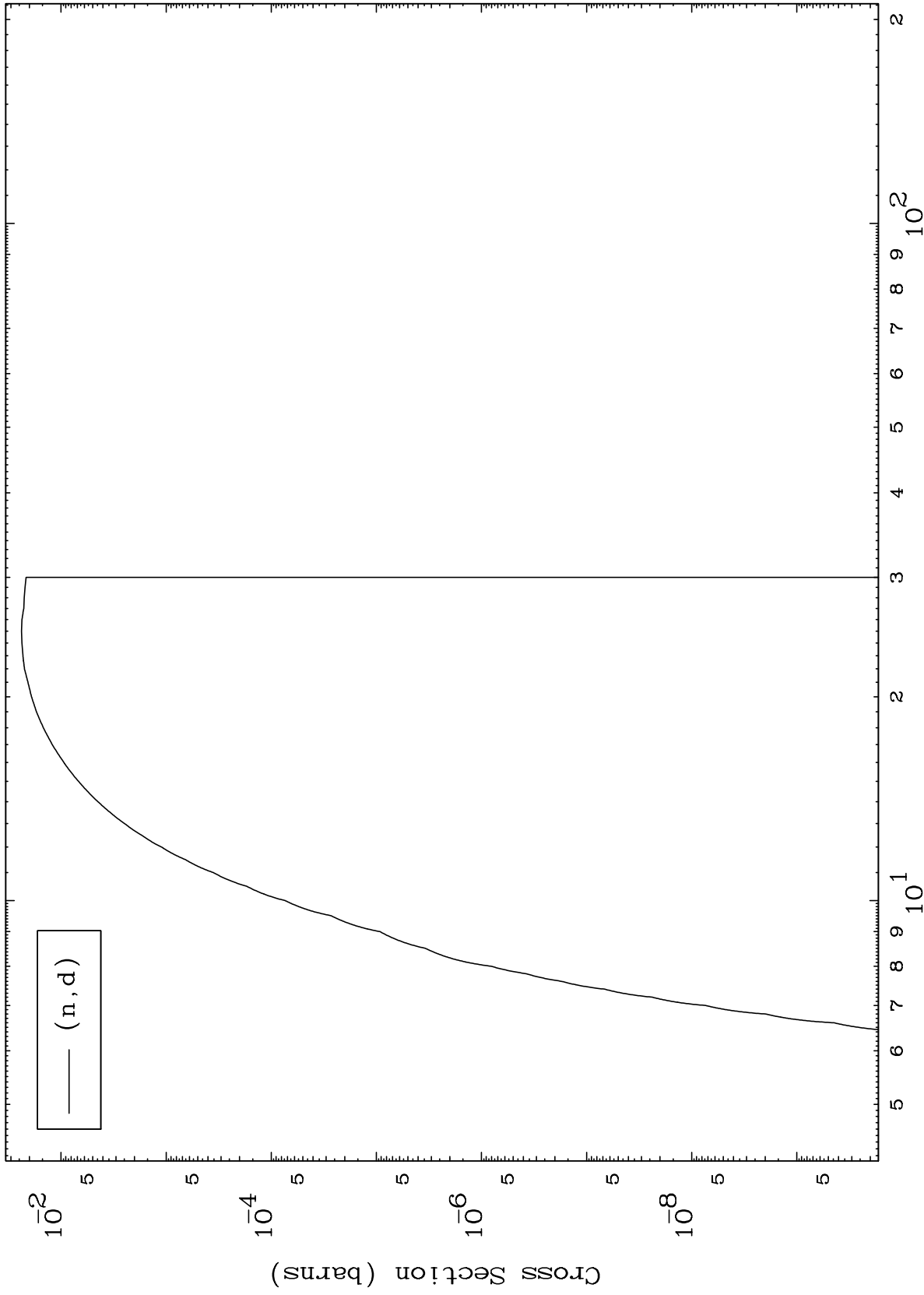
Incident Energy (MeV)

41-Nb-94

MAT 4128

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-94



11

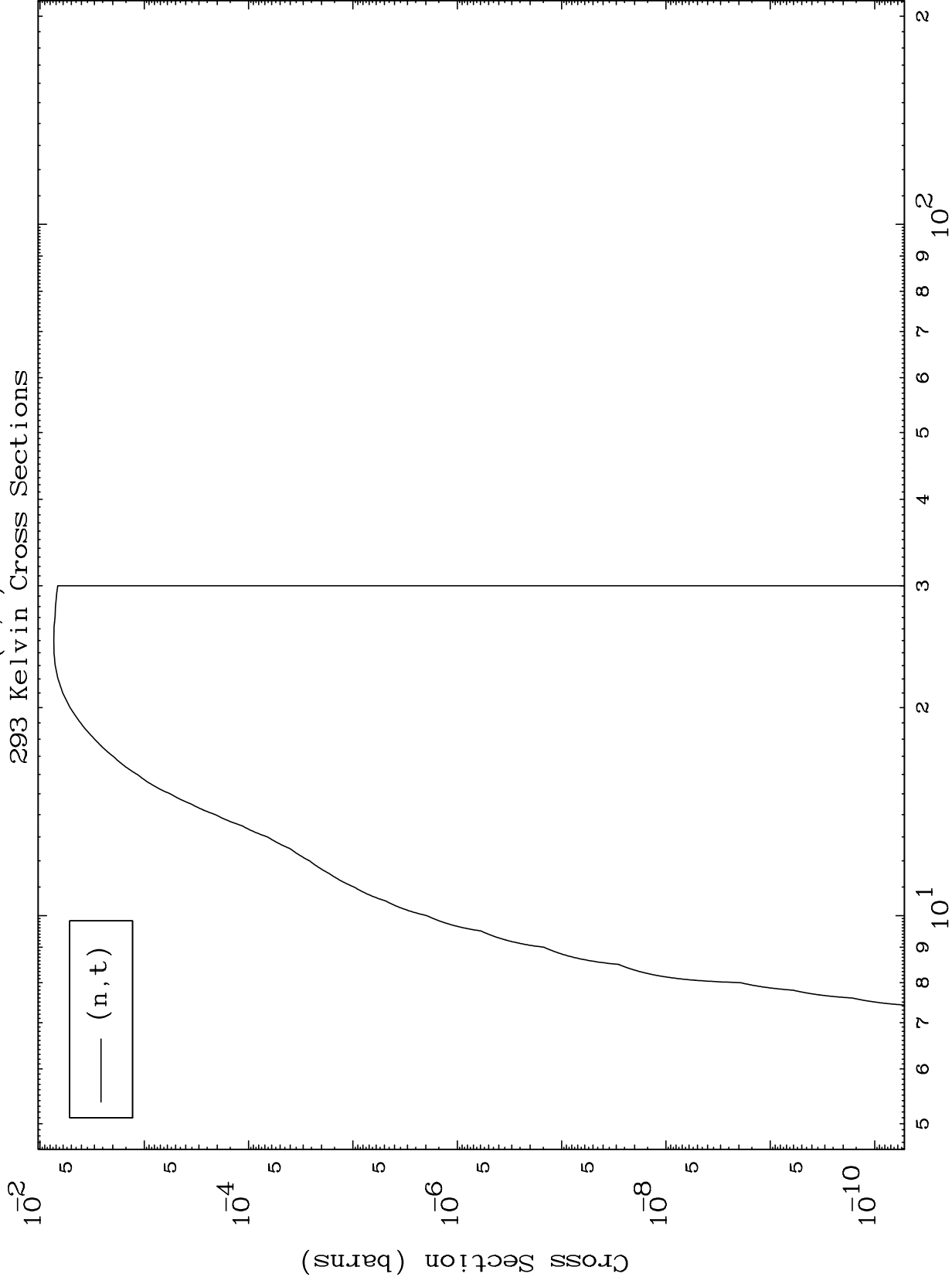
Incident Energy (MeV)

41-Nb-94

MAT 4128

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-94



12

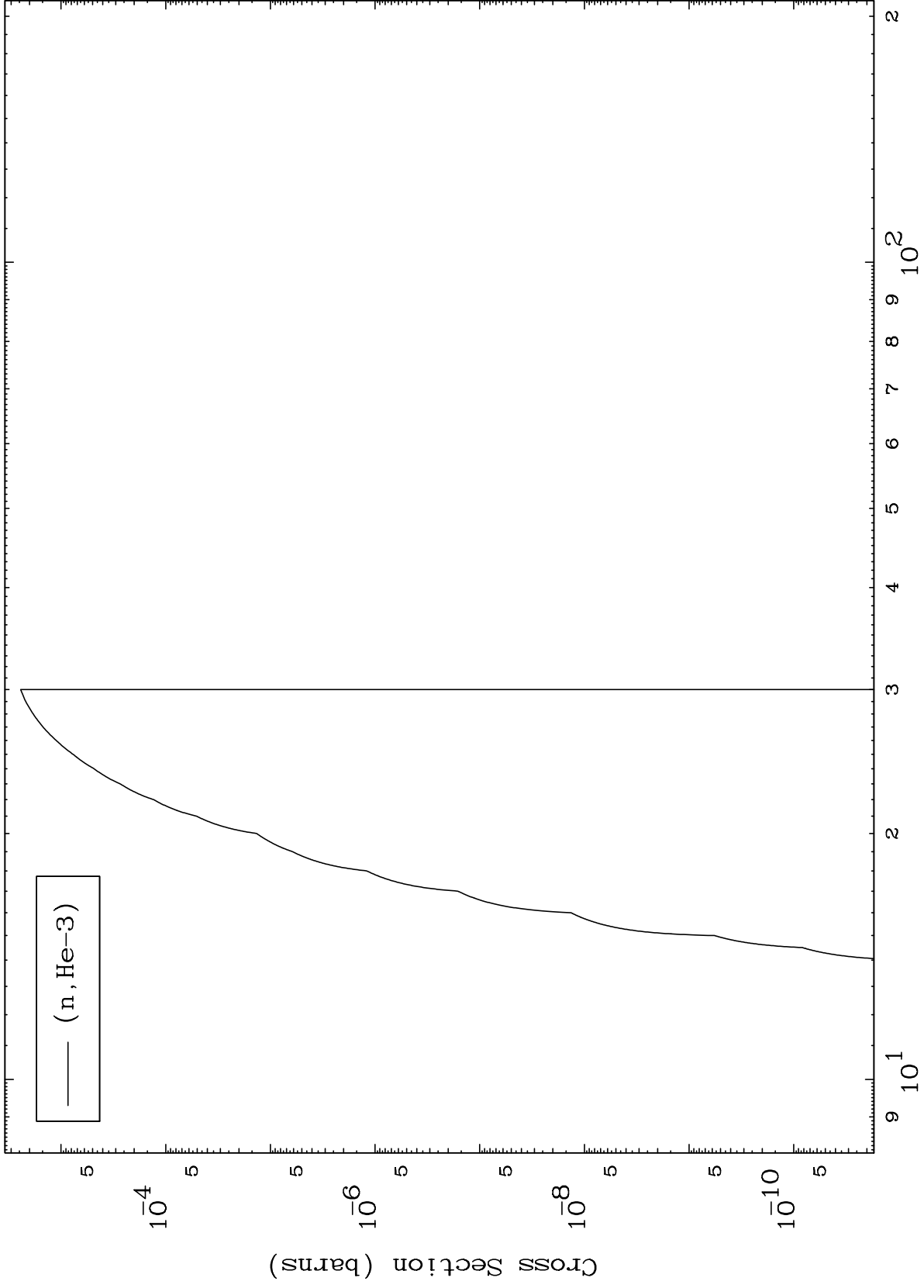
Incident Energy (MeV)

41-Nb-94

MAT 4128

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-94



13

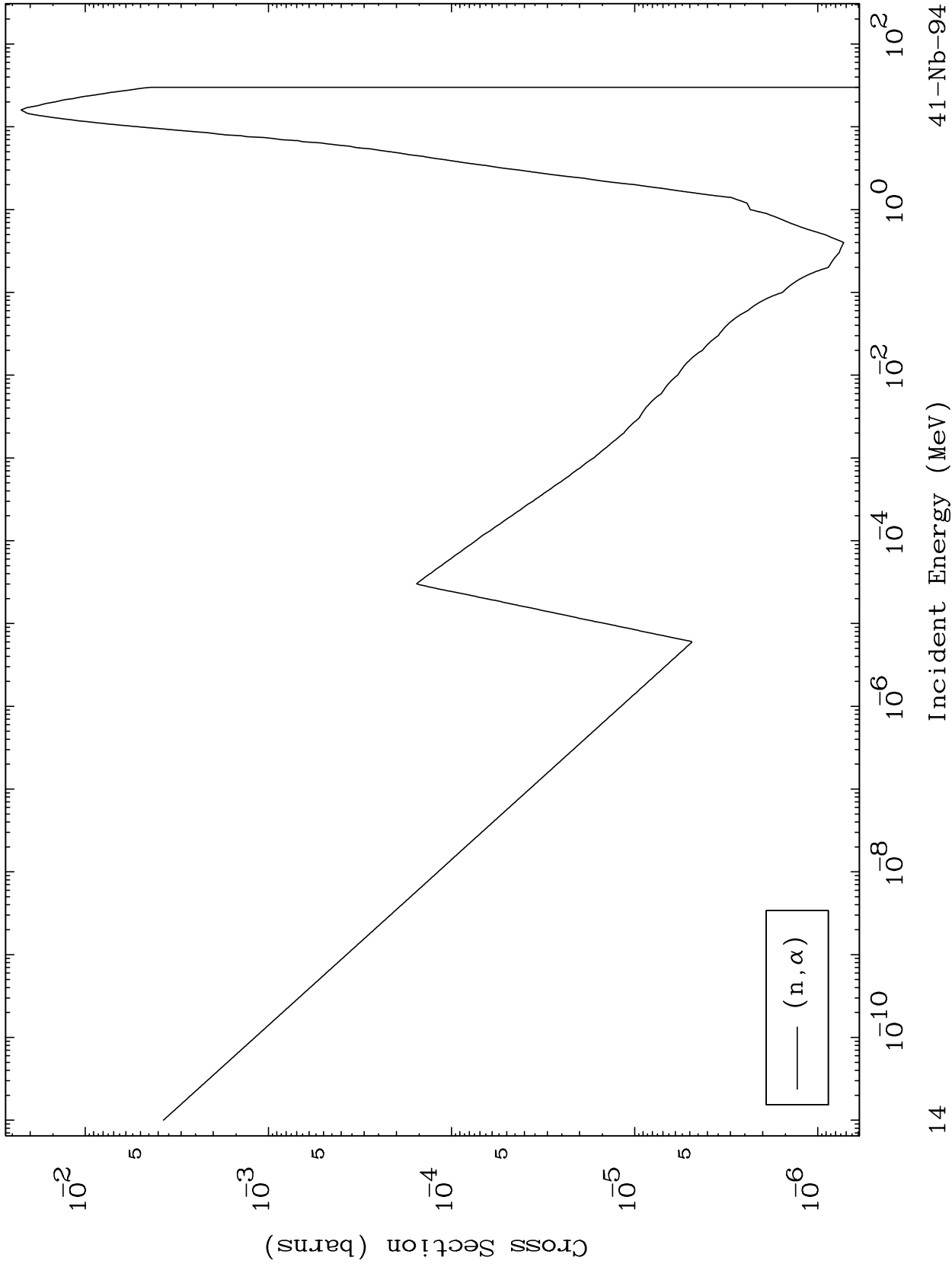
Incident Energy (MeV)

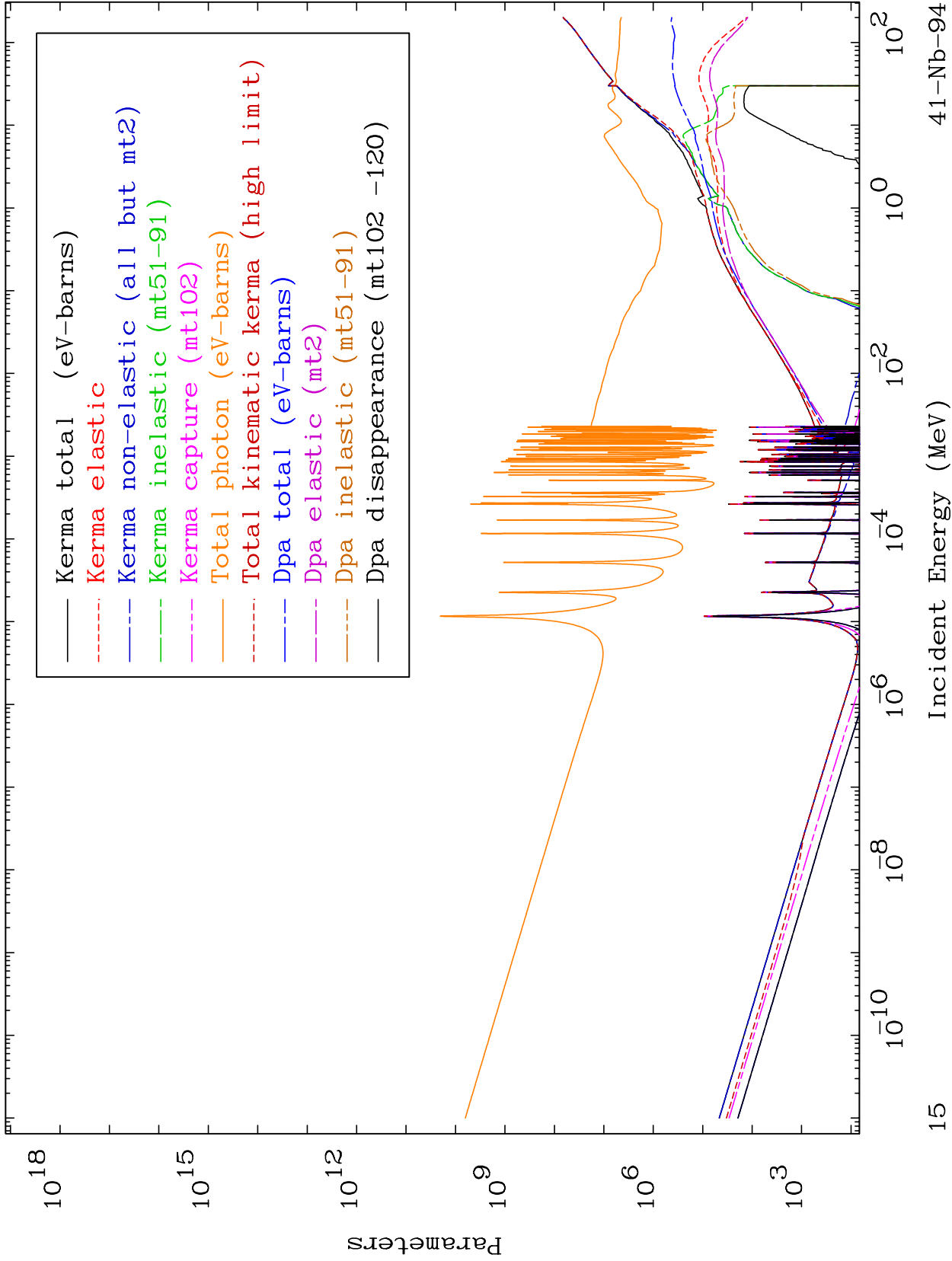
41-Nb-94

MAT 4128

(n, α) Levels
293 Kelvin Cross Sections

41-Nb-94

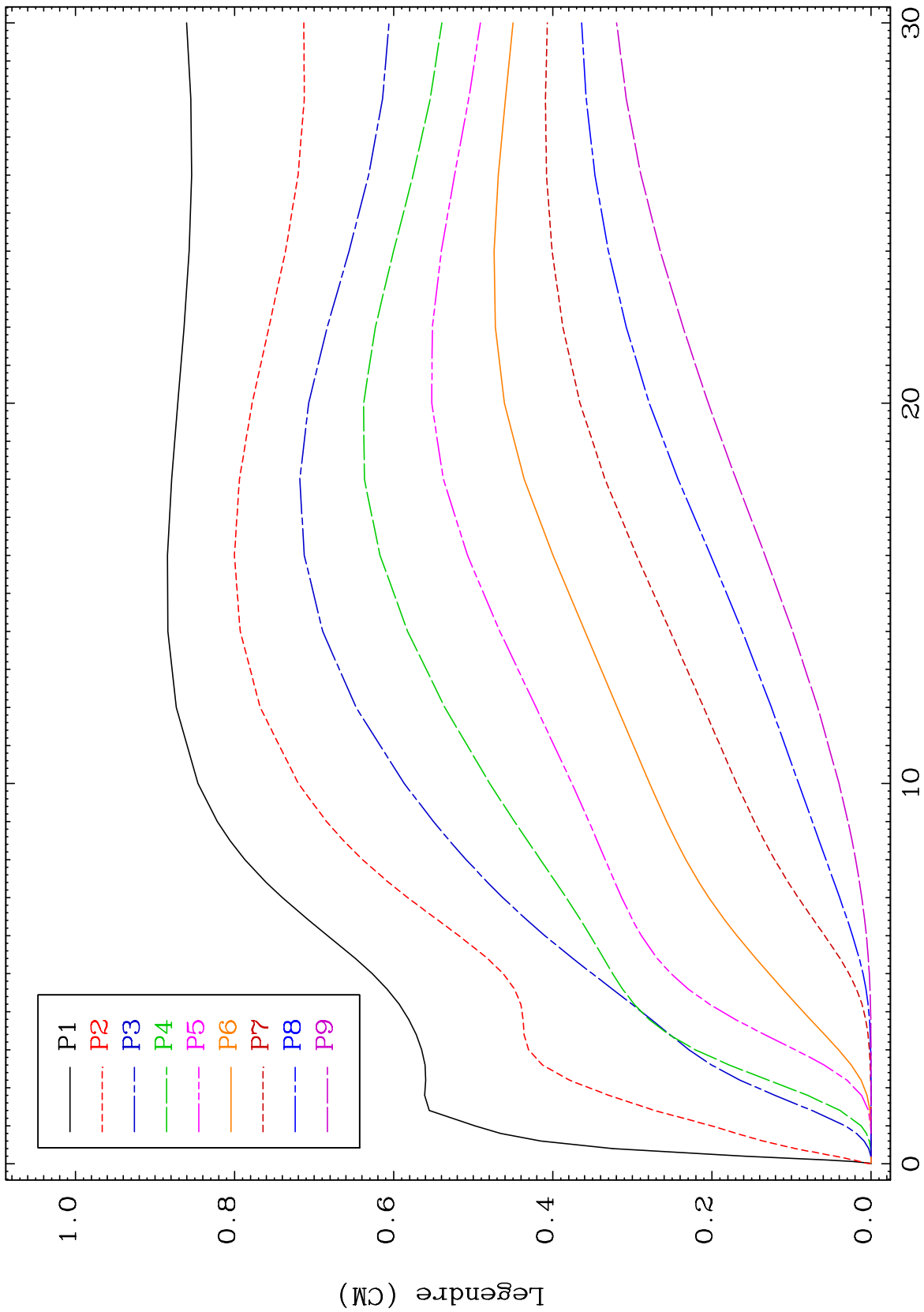




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Elastic Legendre Coefficients

41-Nb-94



16

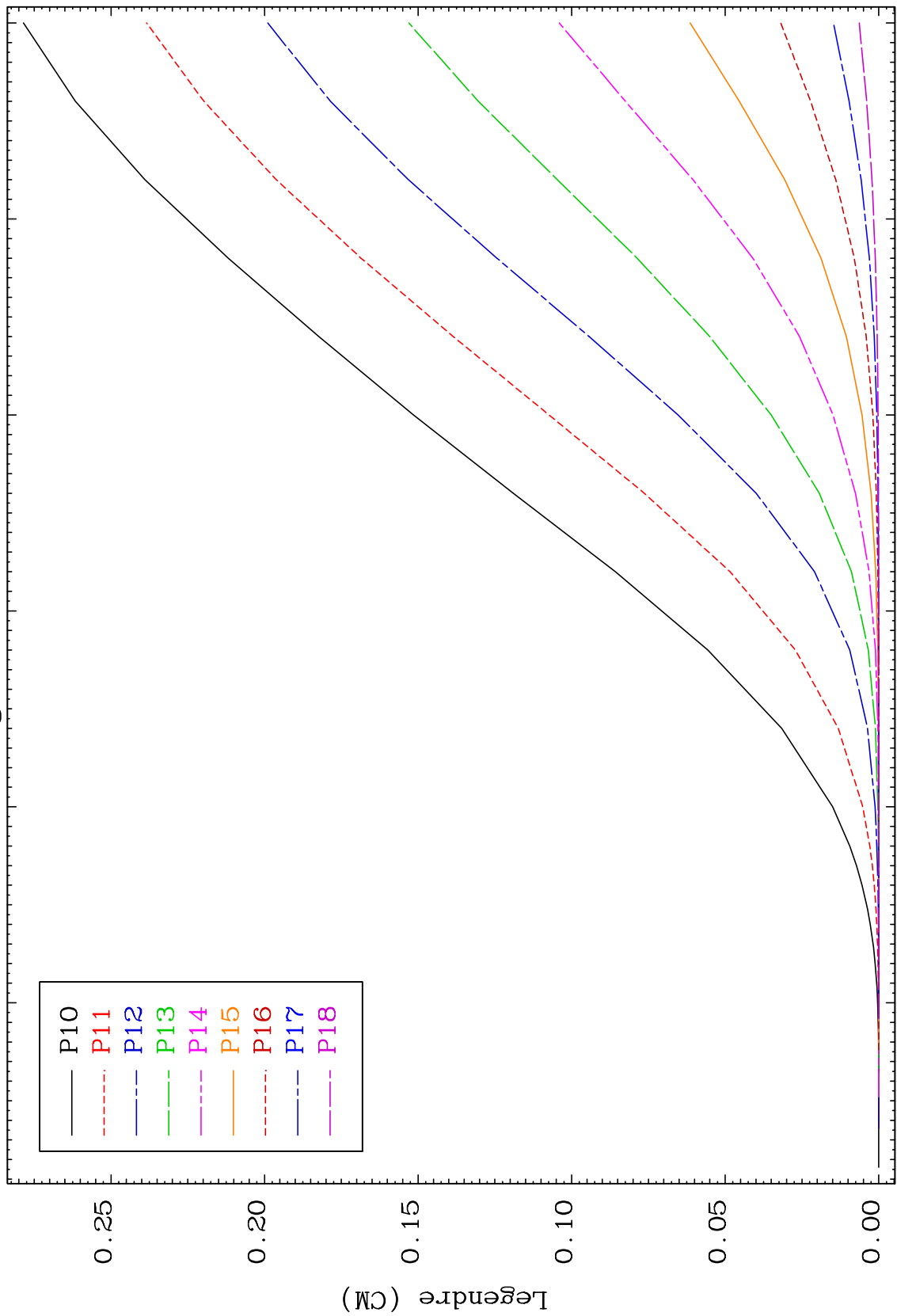
Incident Energy (MeV)

41-Nb-94

MAT 4128

Elastic Legendre Coefficients

41-Nb-94



17

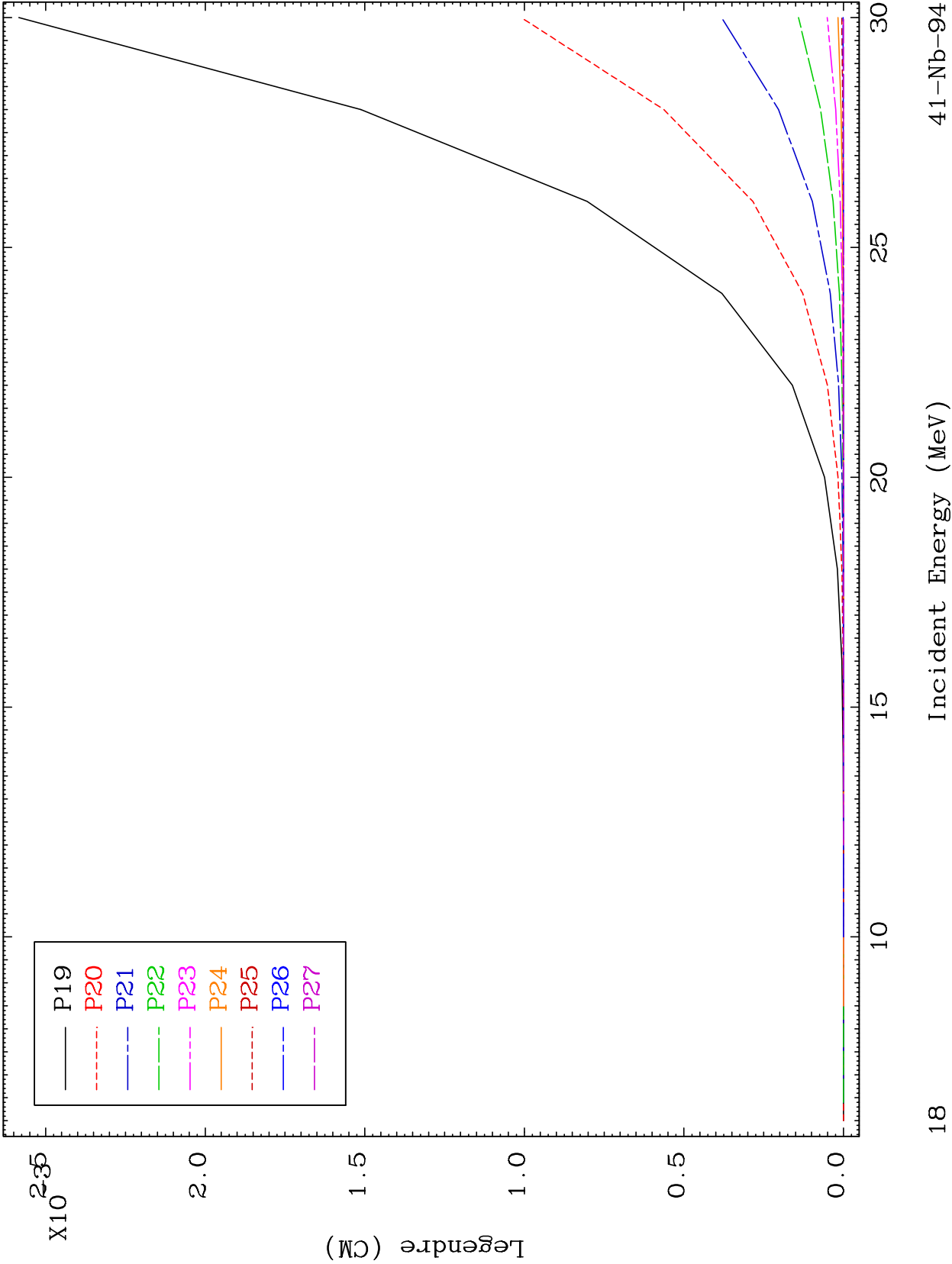
Incident Energy (MeV)

41-Nb-94

MAT 4128

Elastic Legendre Coefficients

41-Nb-94



18

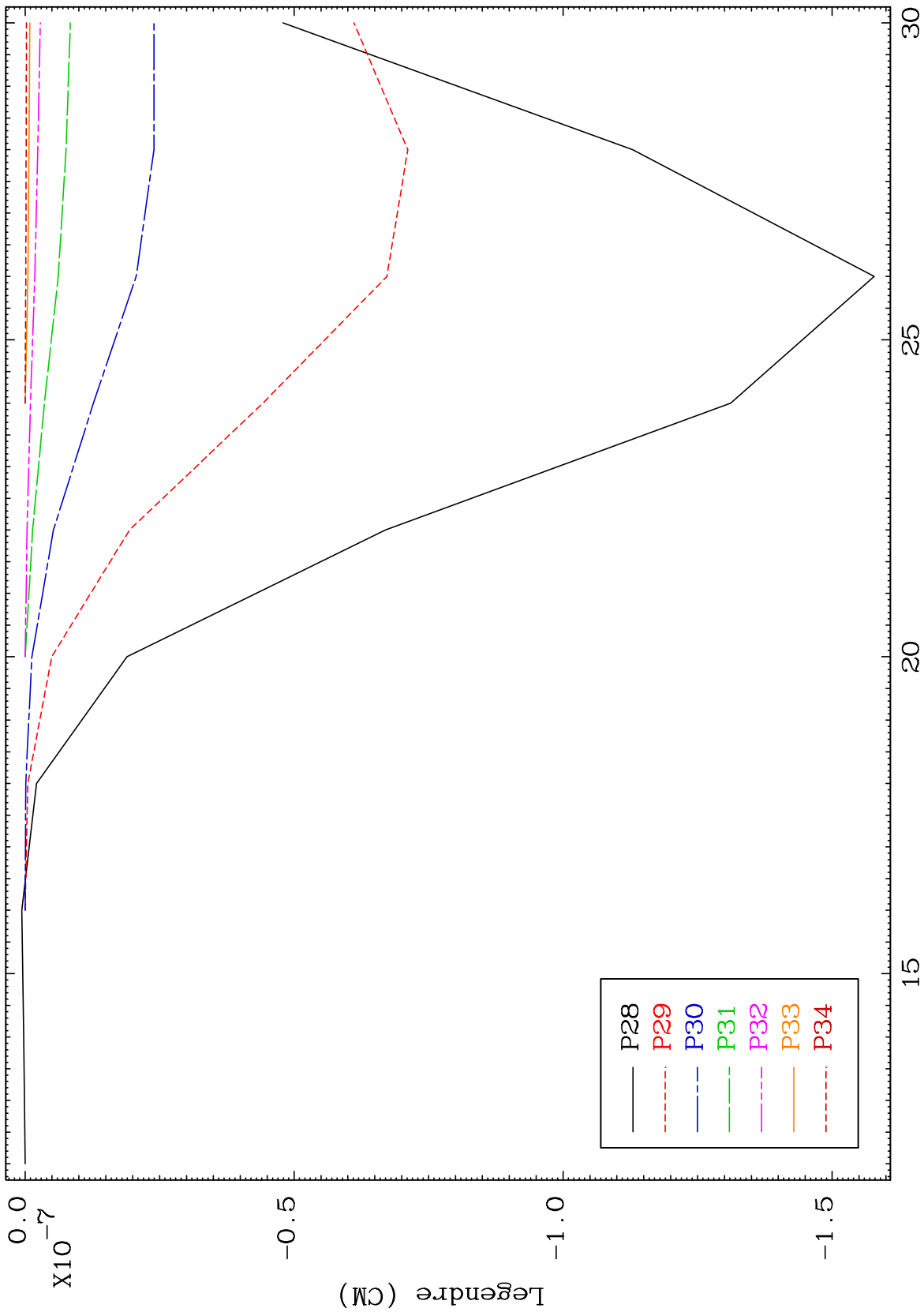
Incident Energy (MeV)

41-Nb-94

MAT 4128

41-Nb-94

Elastic Legendre Coefficients



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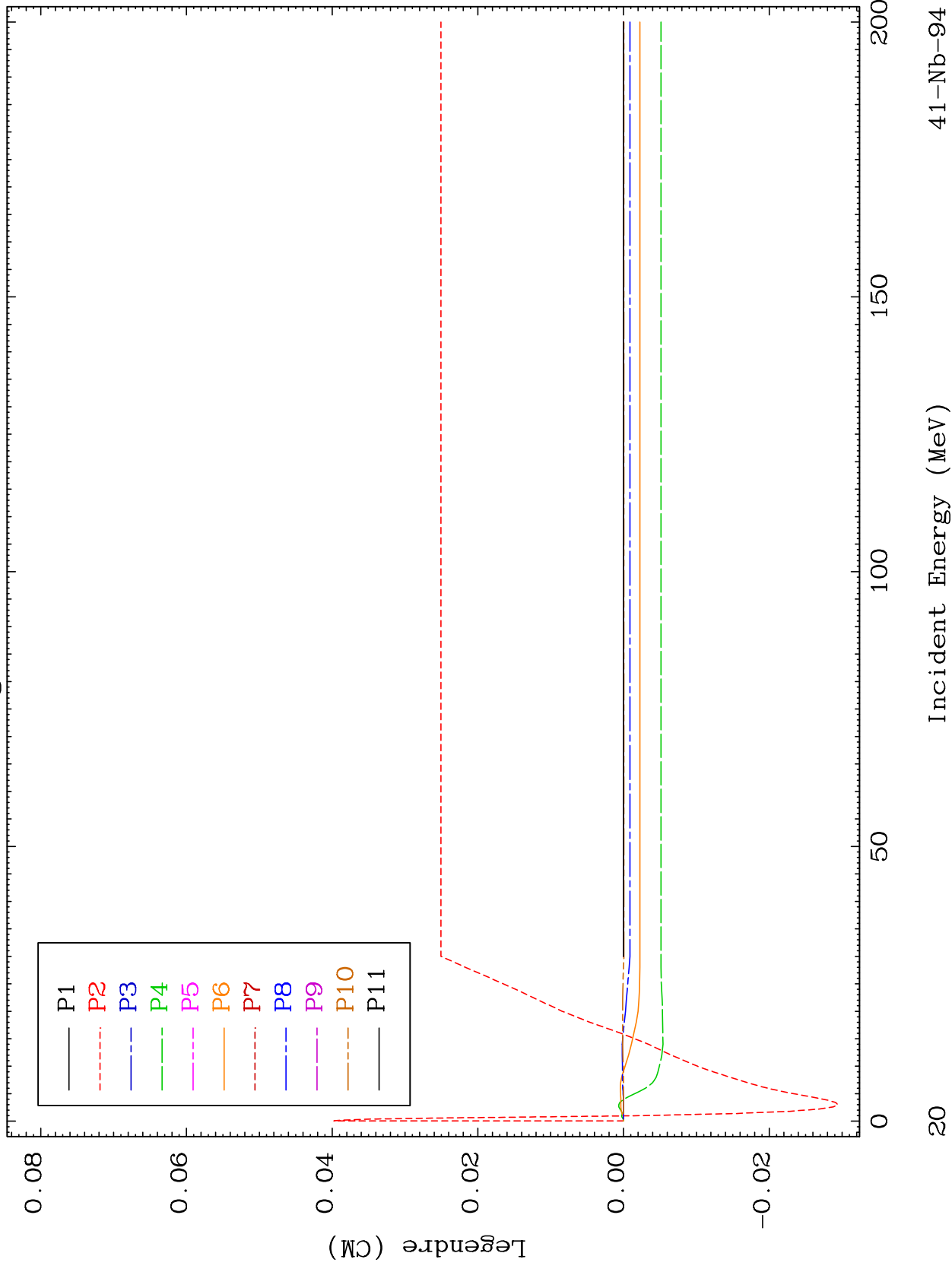
Incident Energy (MeV)

41-Nb-94

MAT 4128

40.89 keV (n,n') Level
Legendre Coefficients

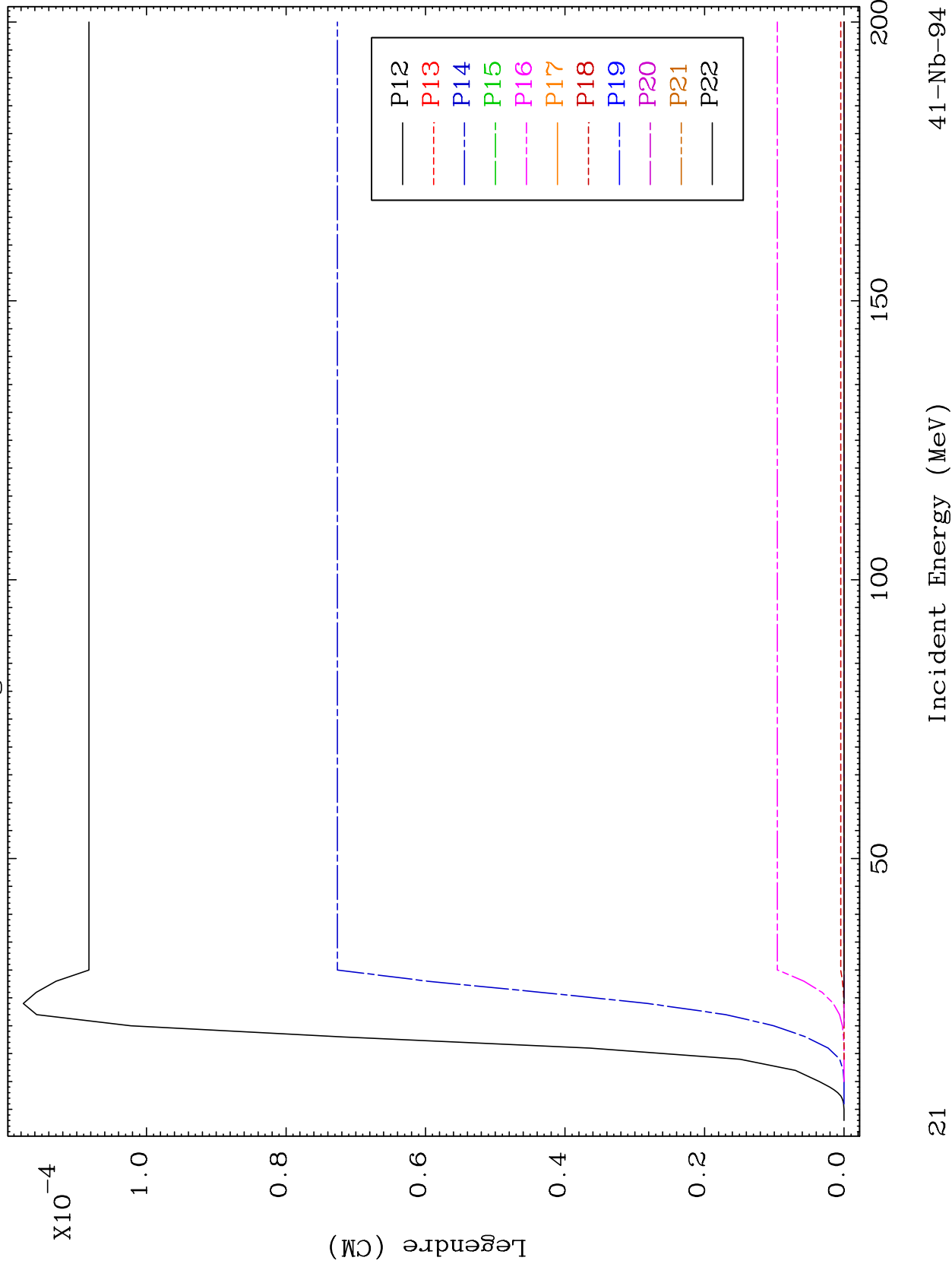
41-Nb-94



41-Nb-94

Incident Energy (MeV)

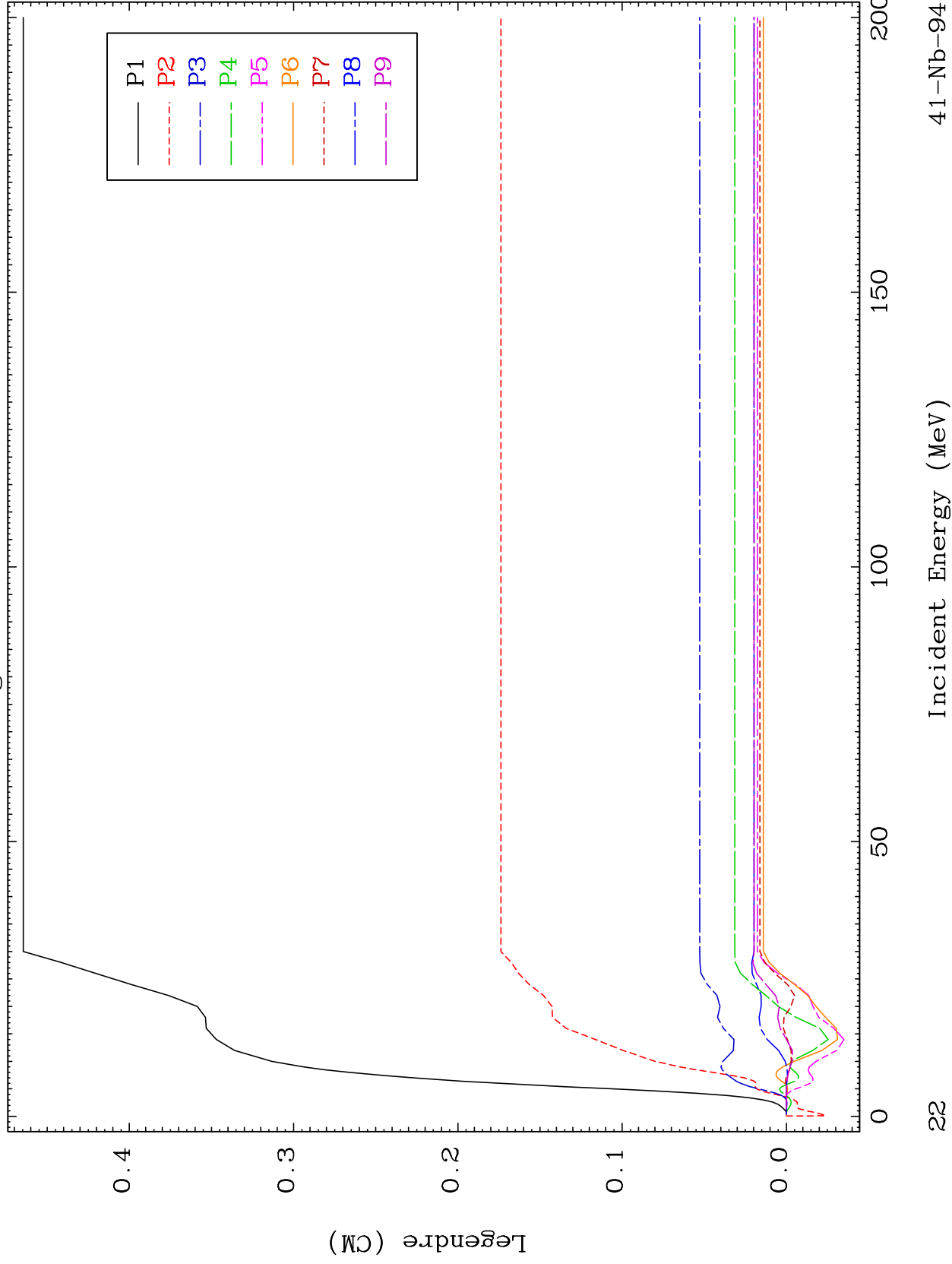
20



MAT 4128

58.71 keV (n,n') Level
Legendre Coefficients

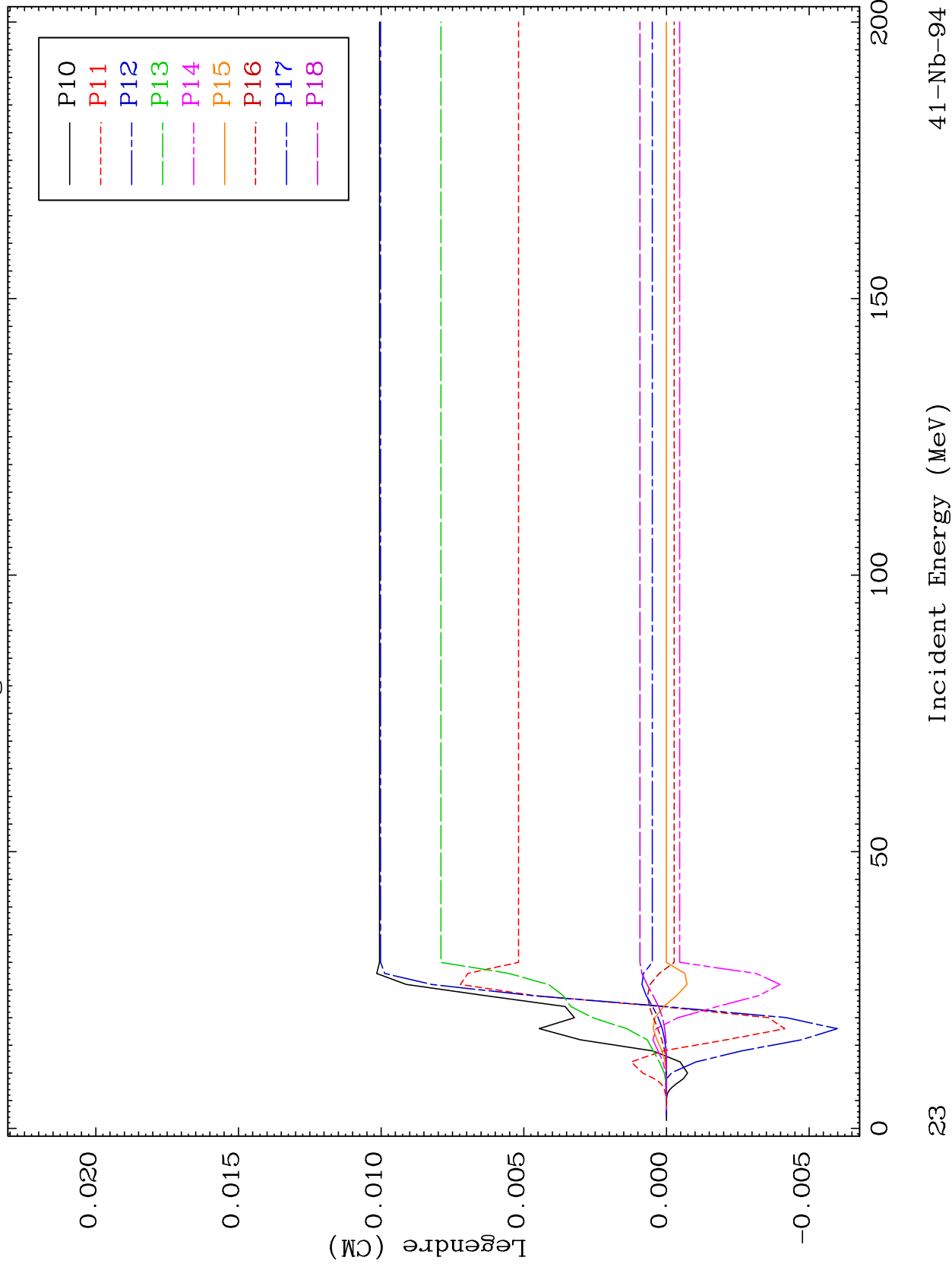
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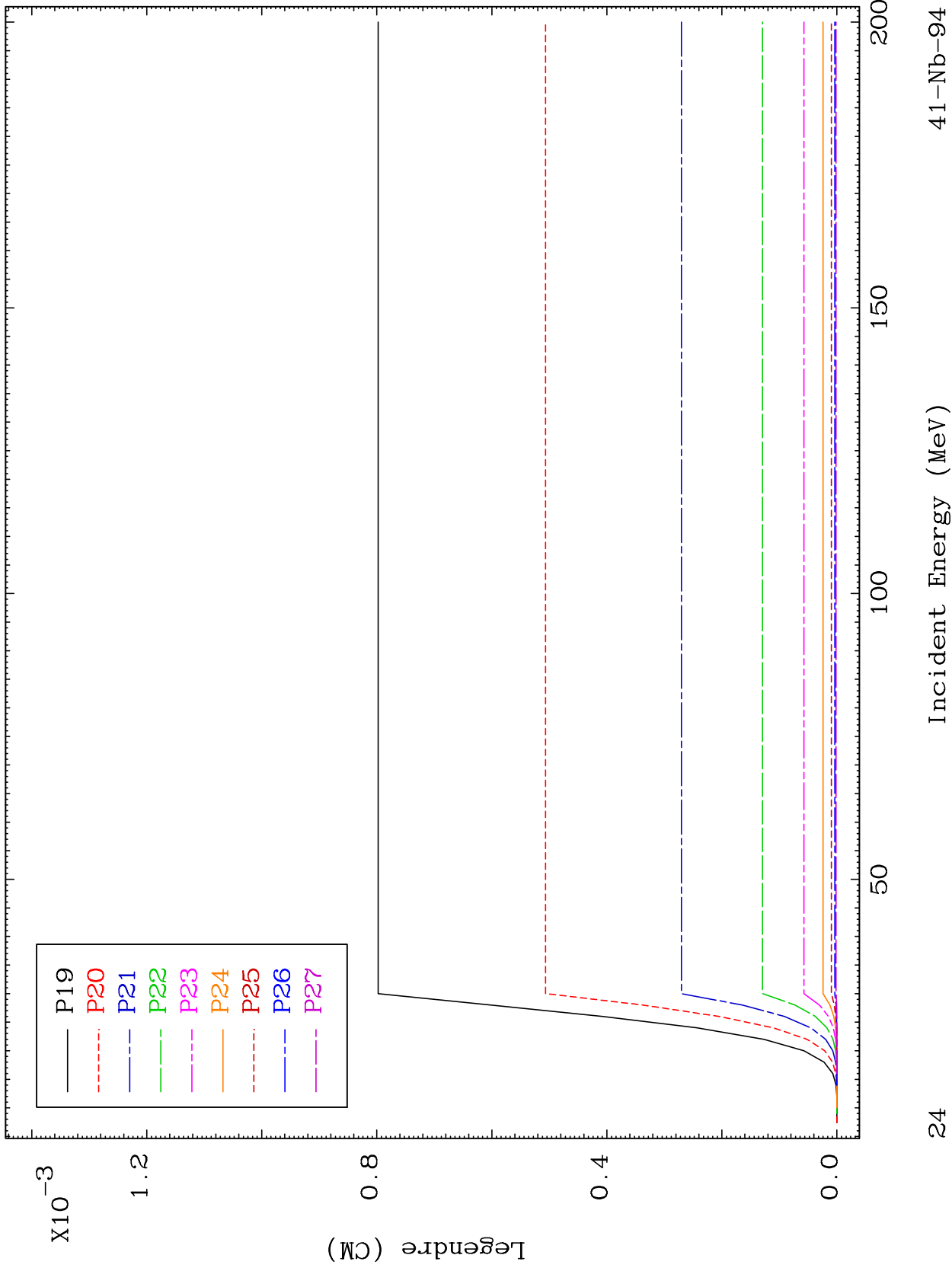


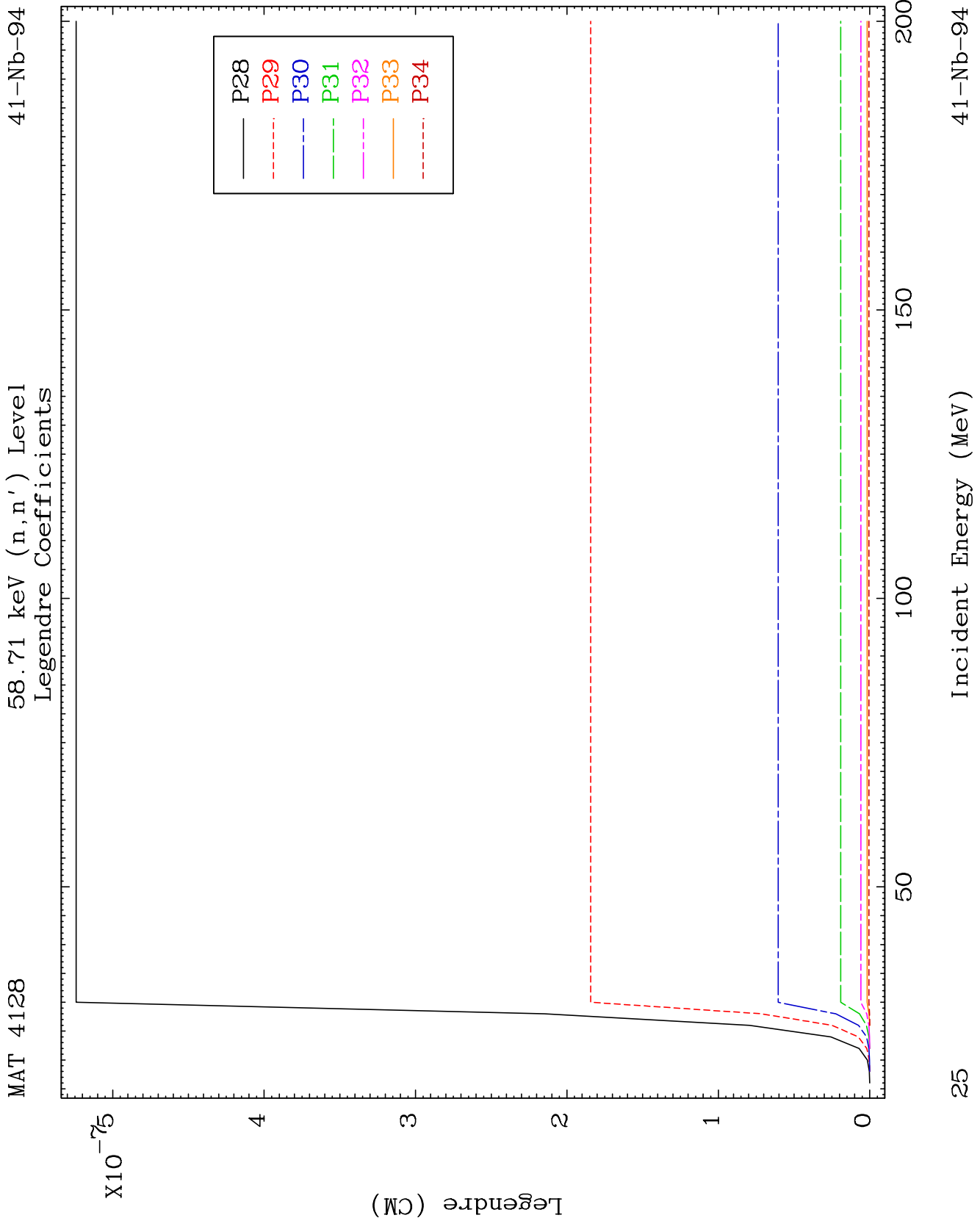
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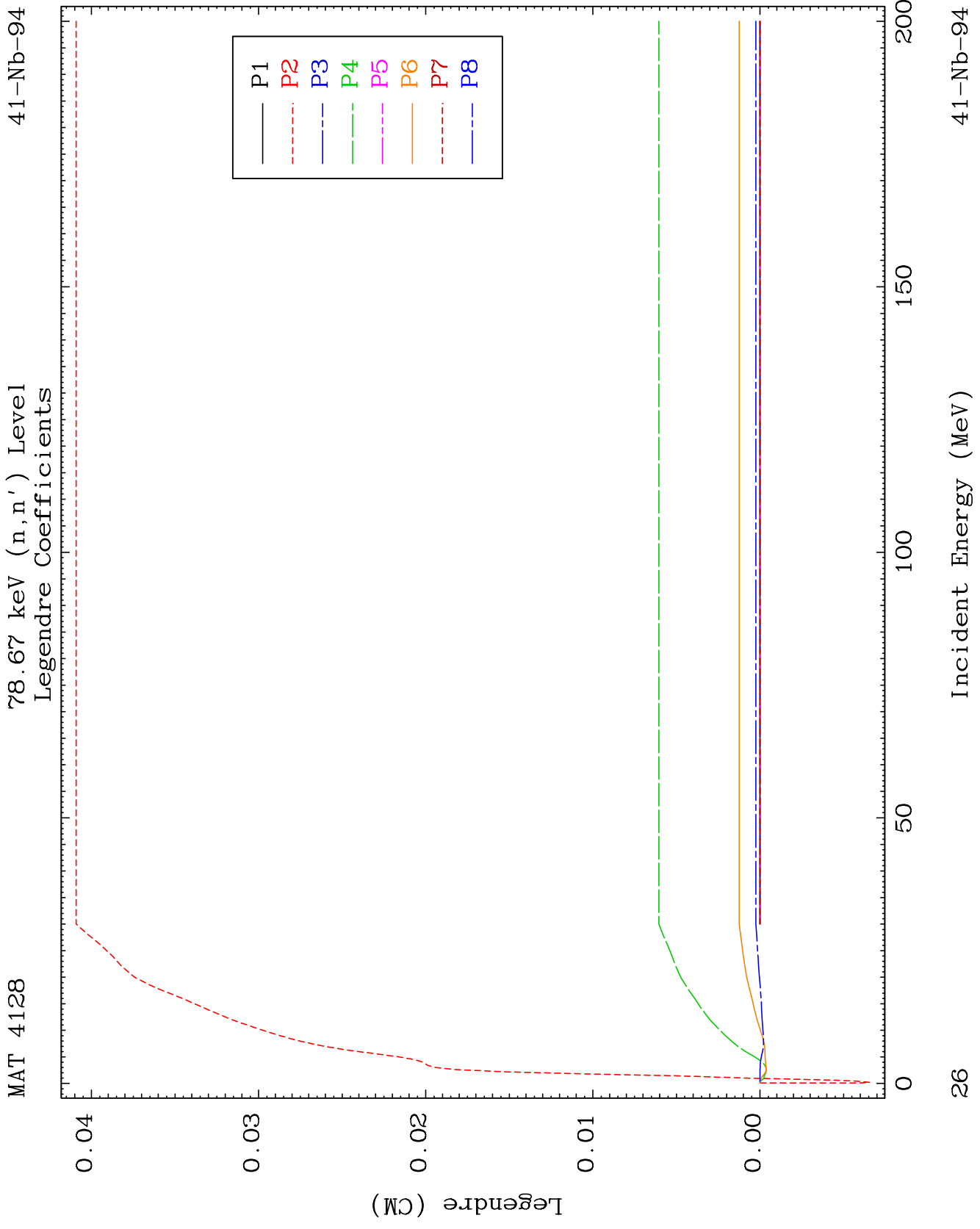
Incident Energy (MeV)

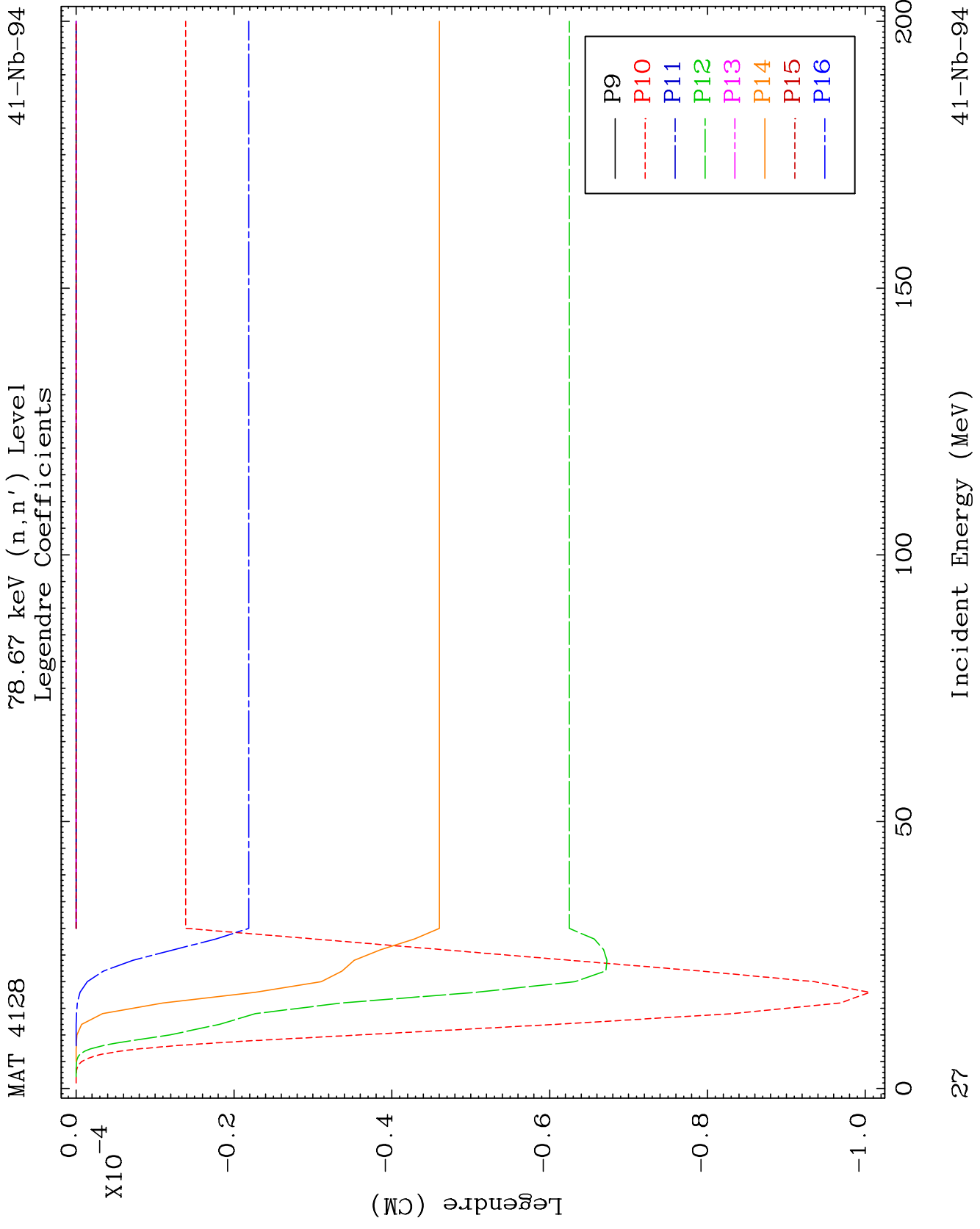
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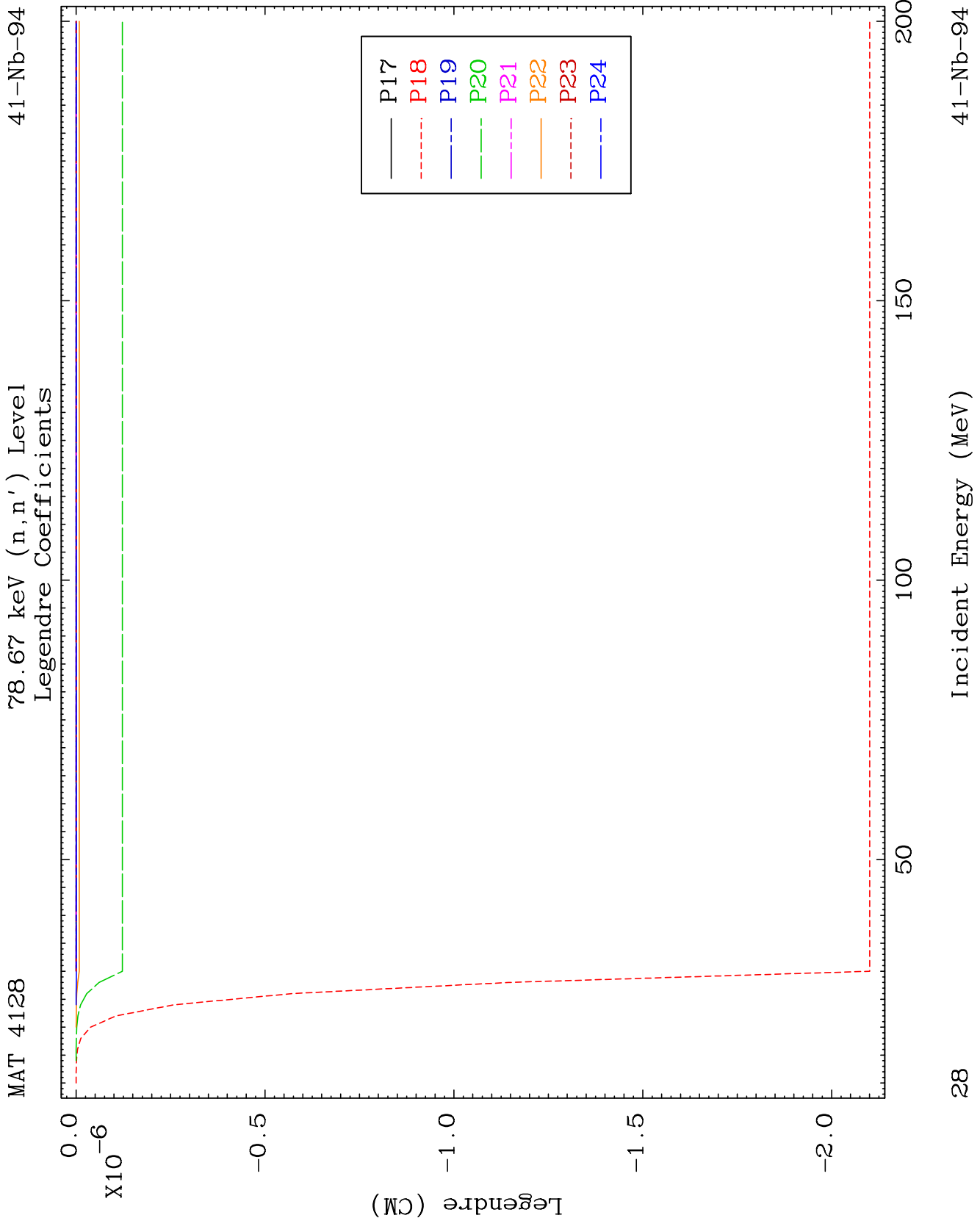


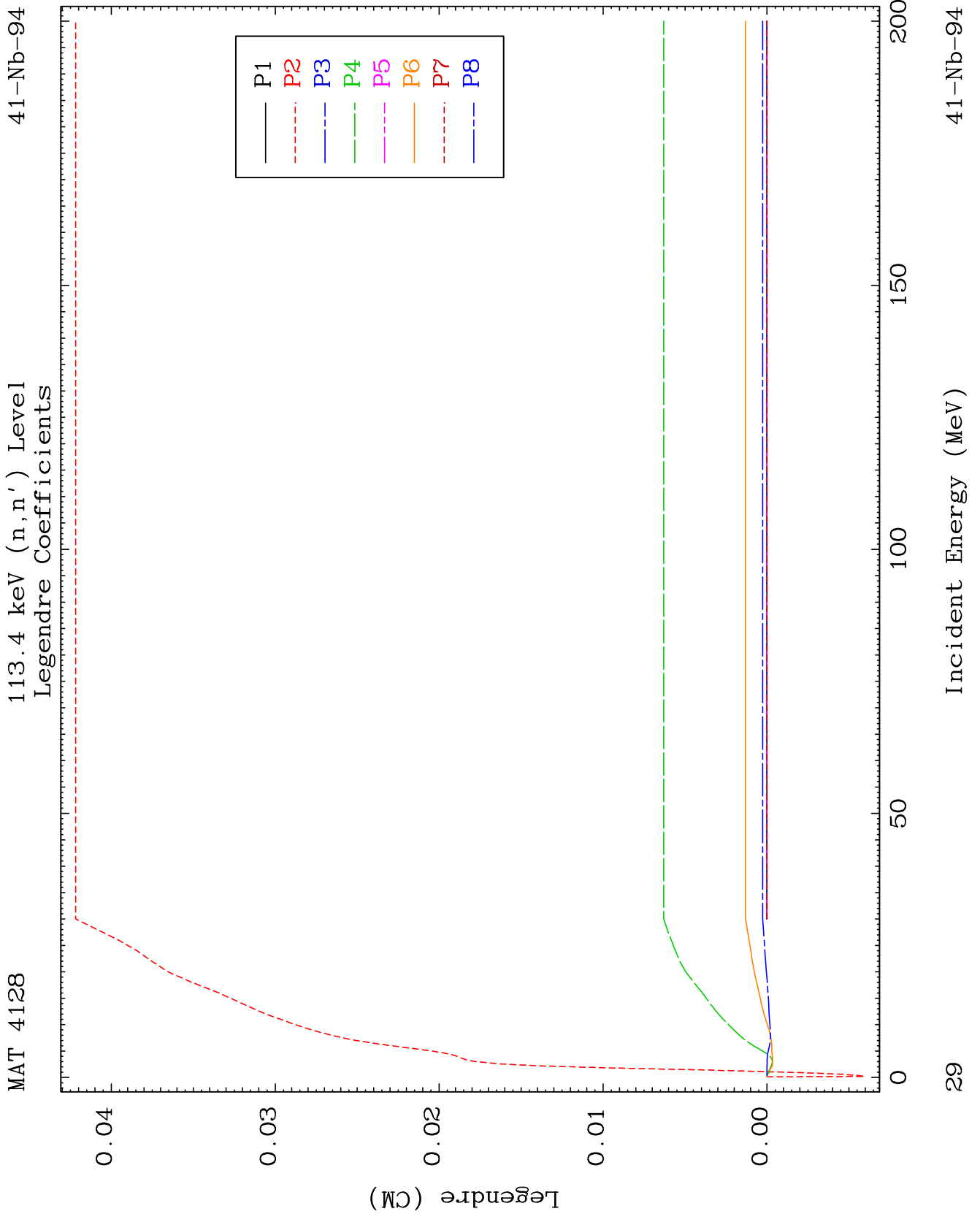


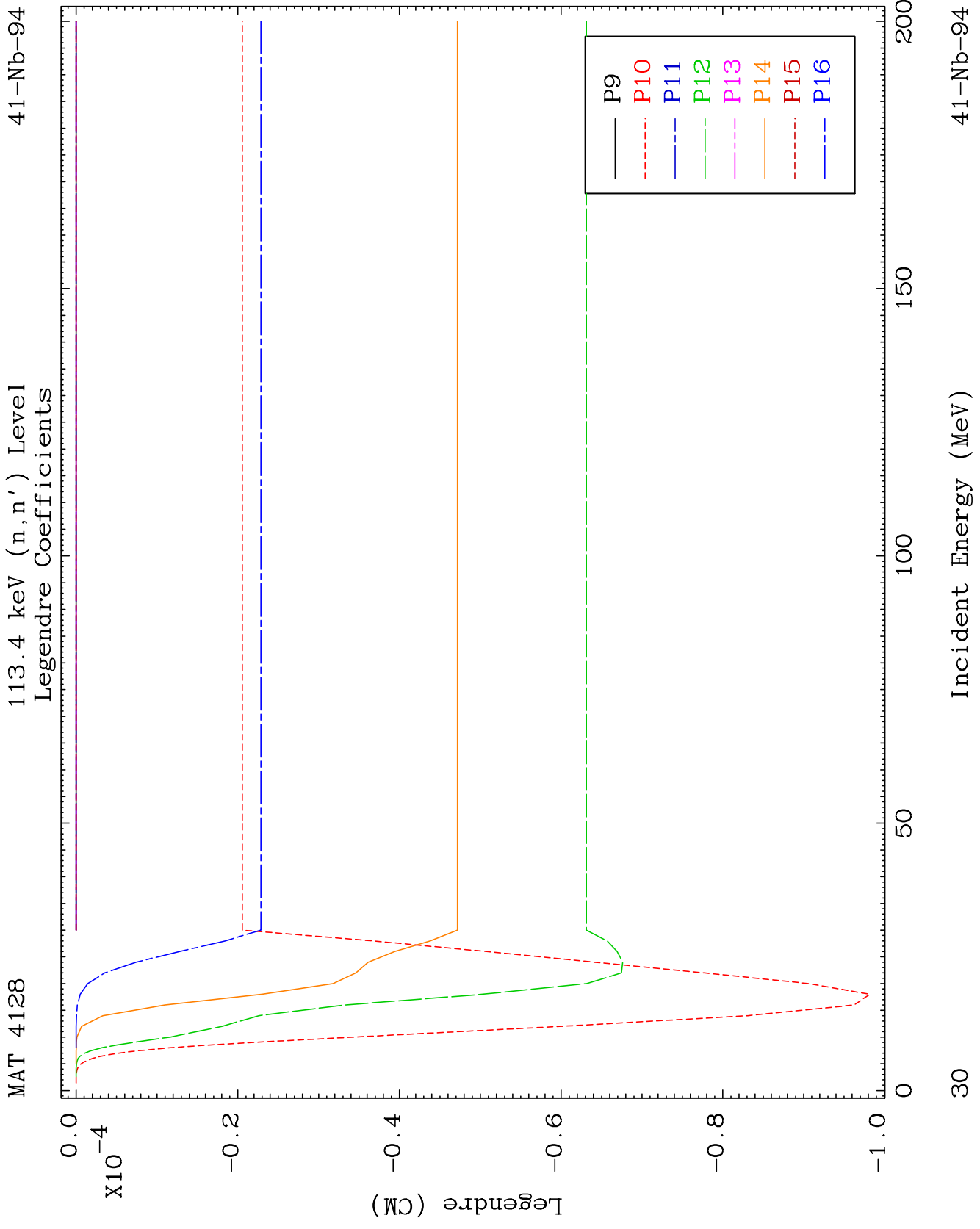


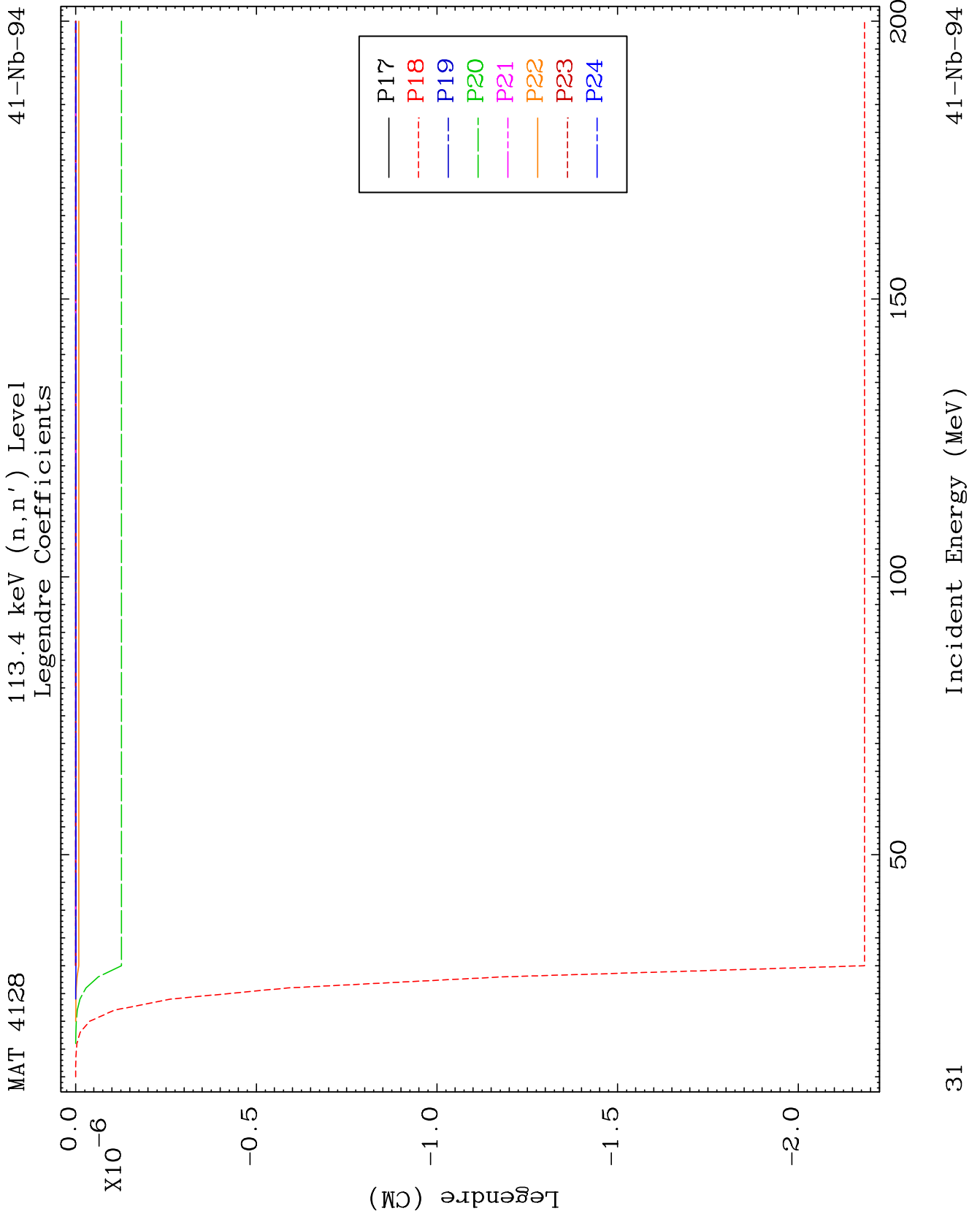








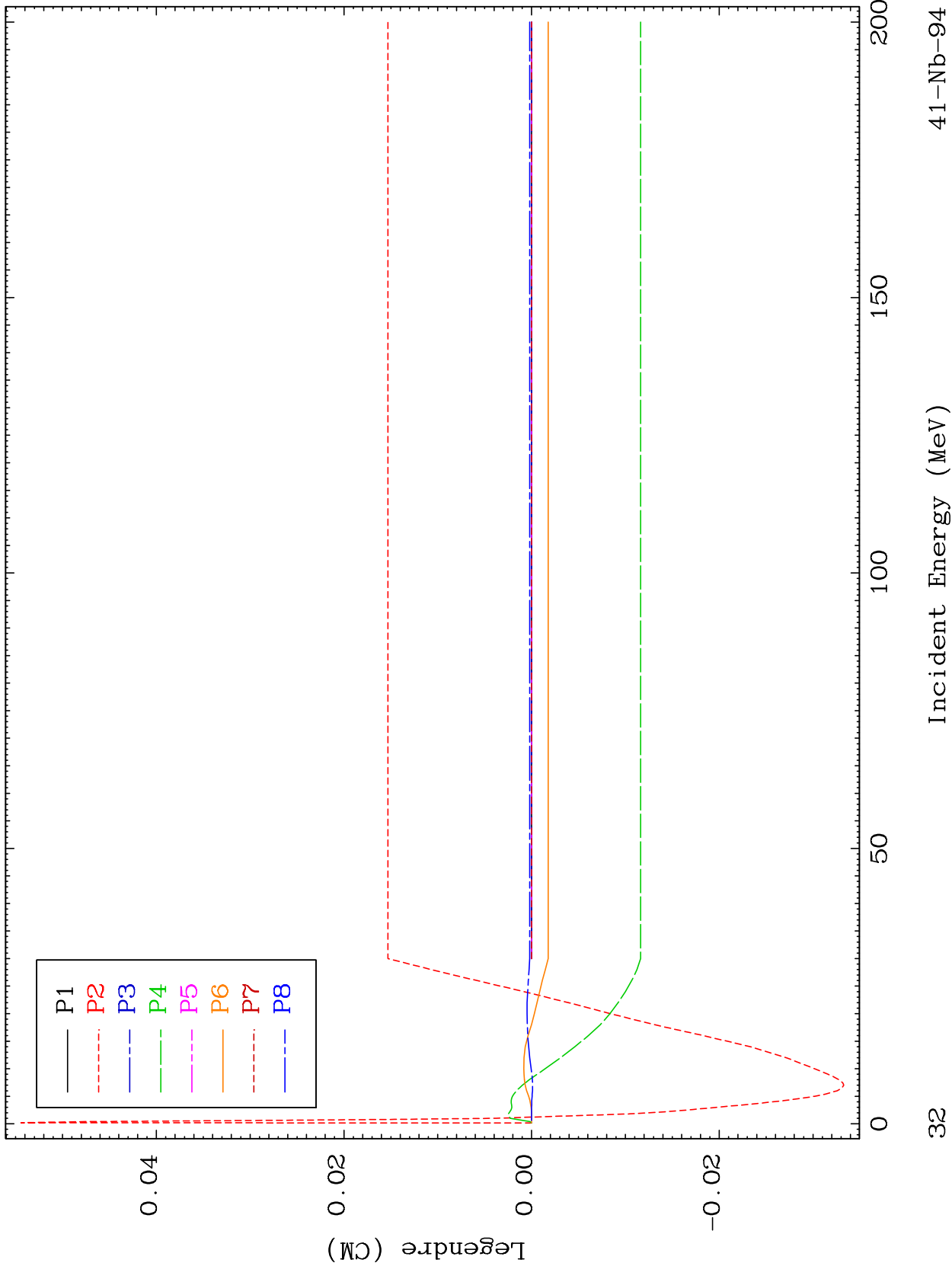




MAT 4128

140.3 keV (n,n') Level
Legendre Coefficients

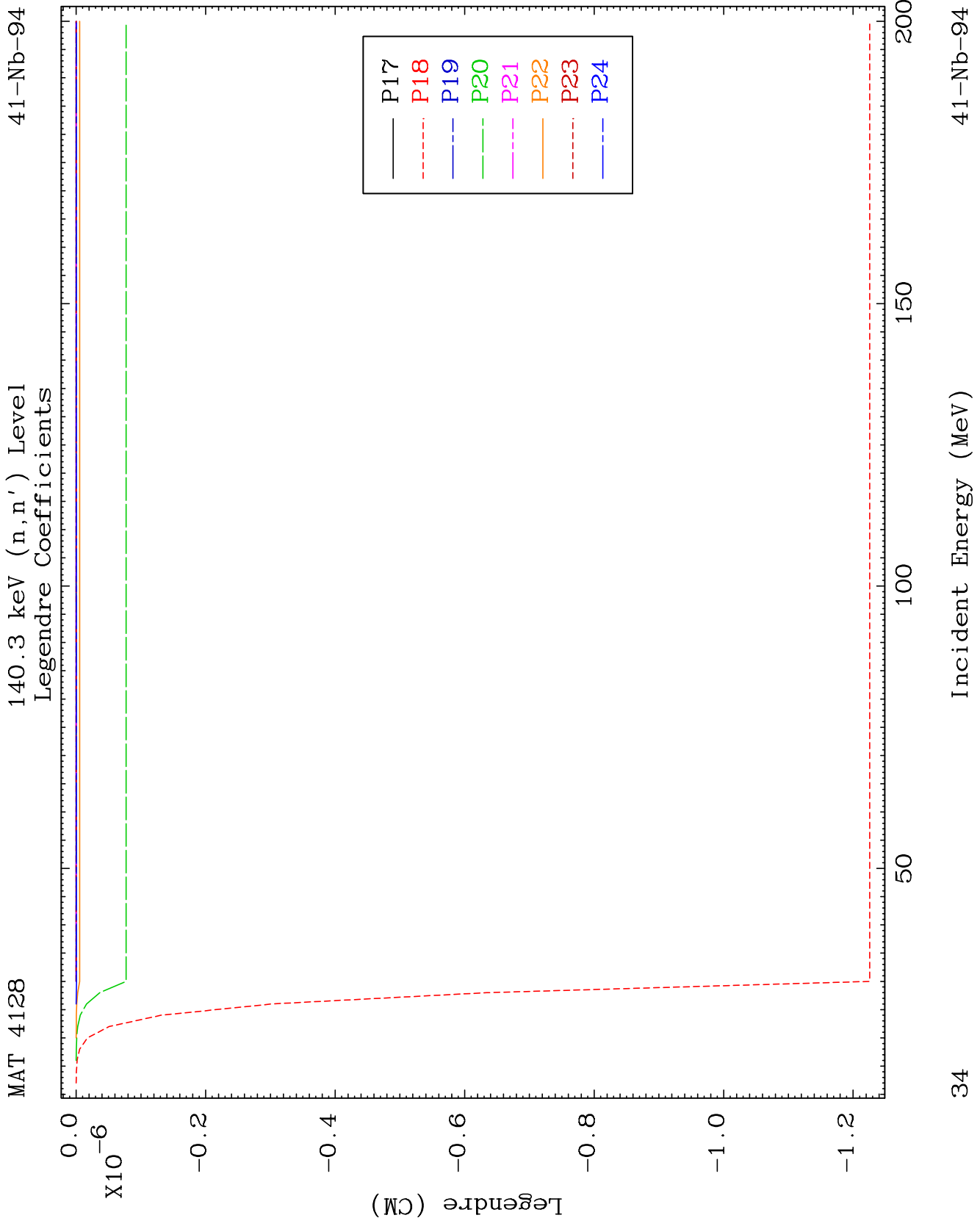
41-Nb-94

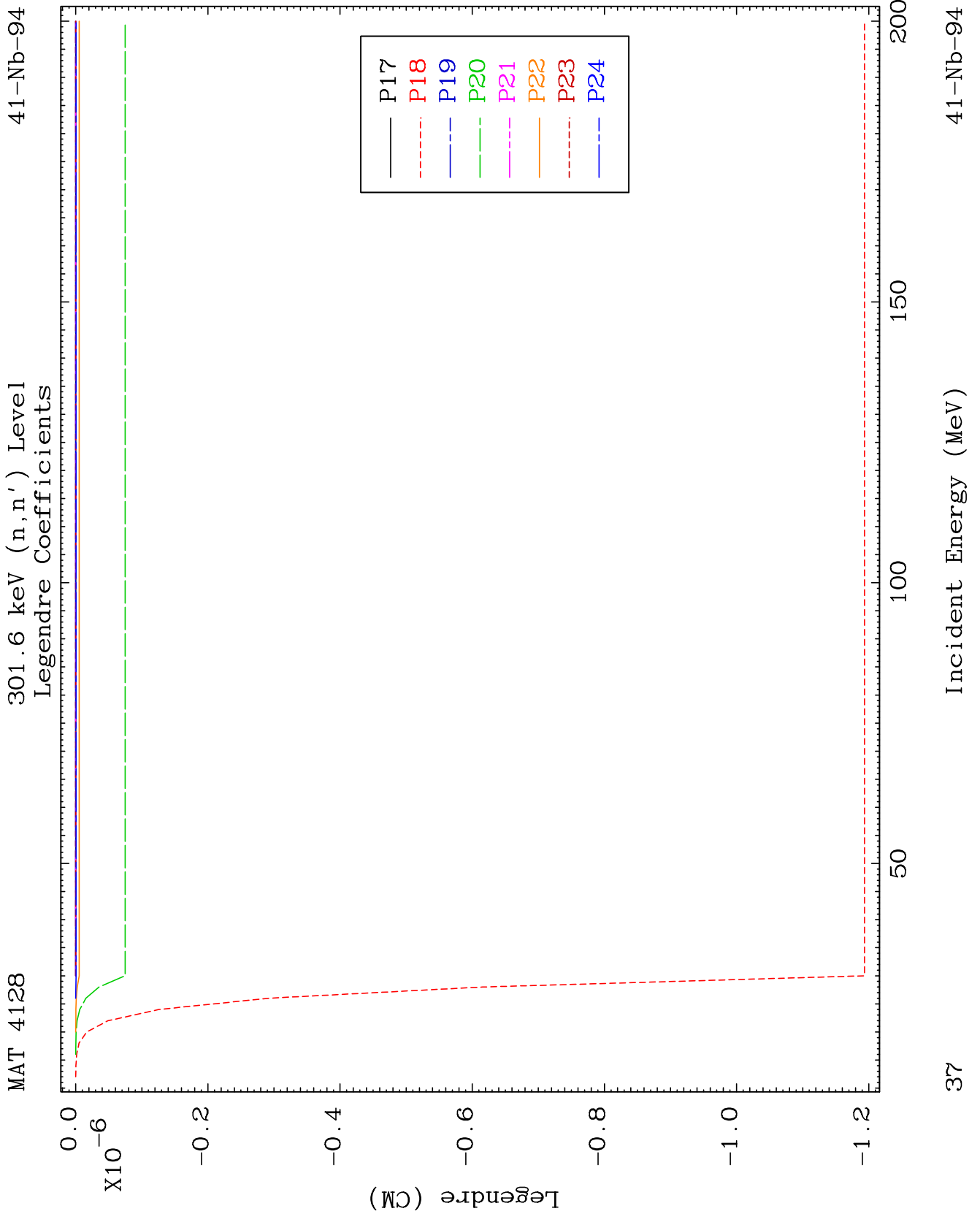


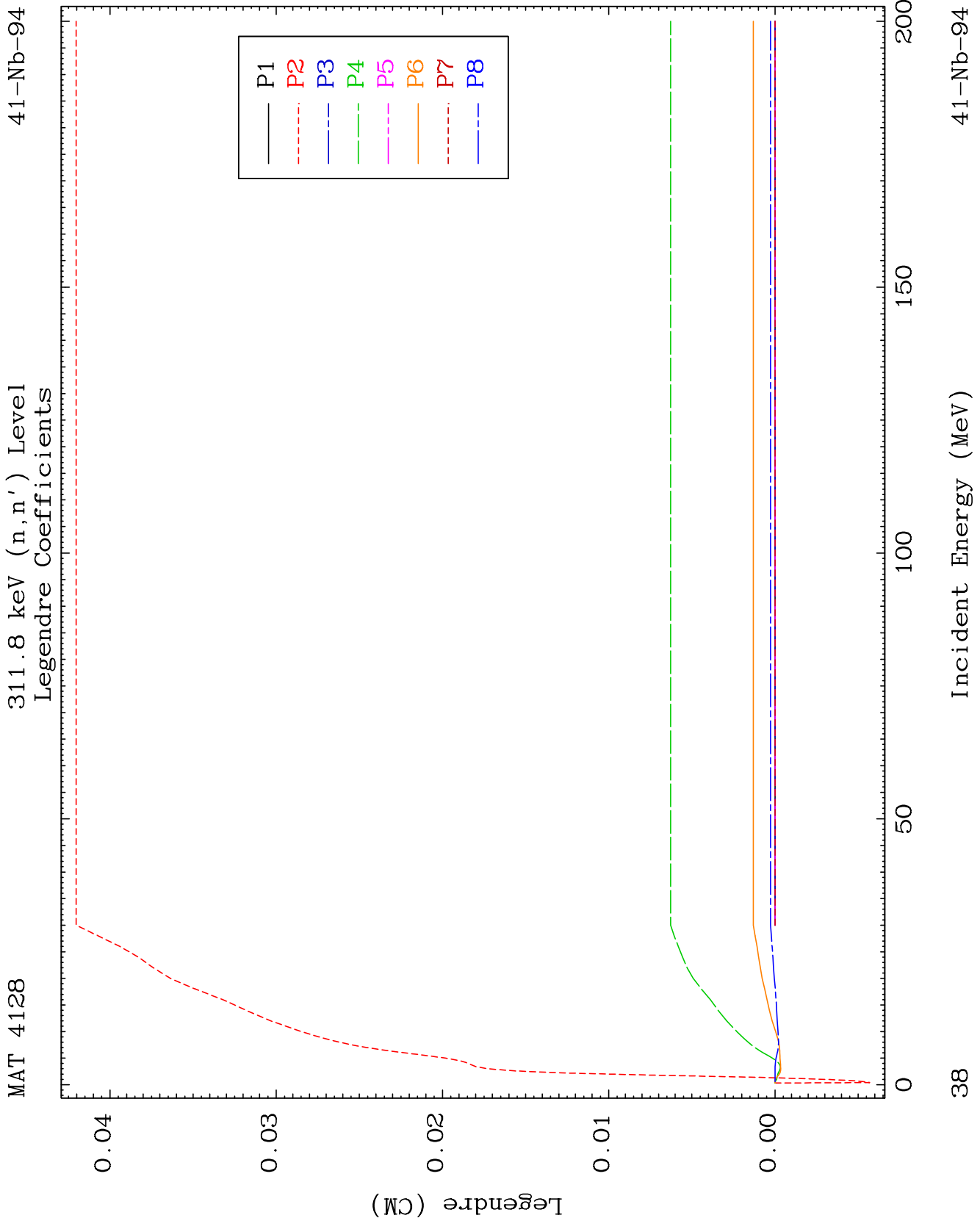
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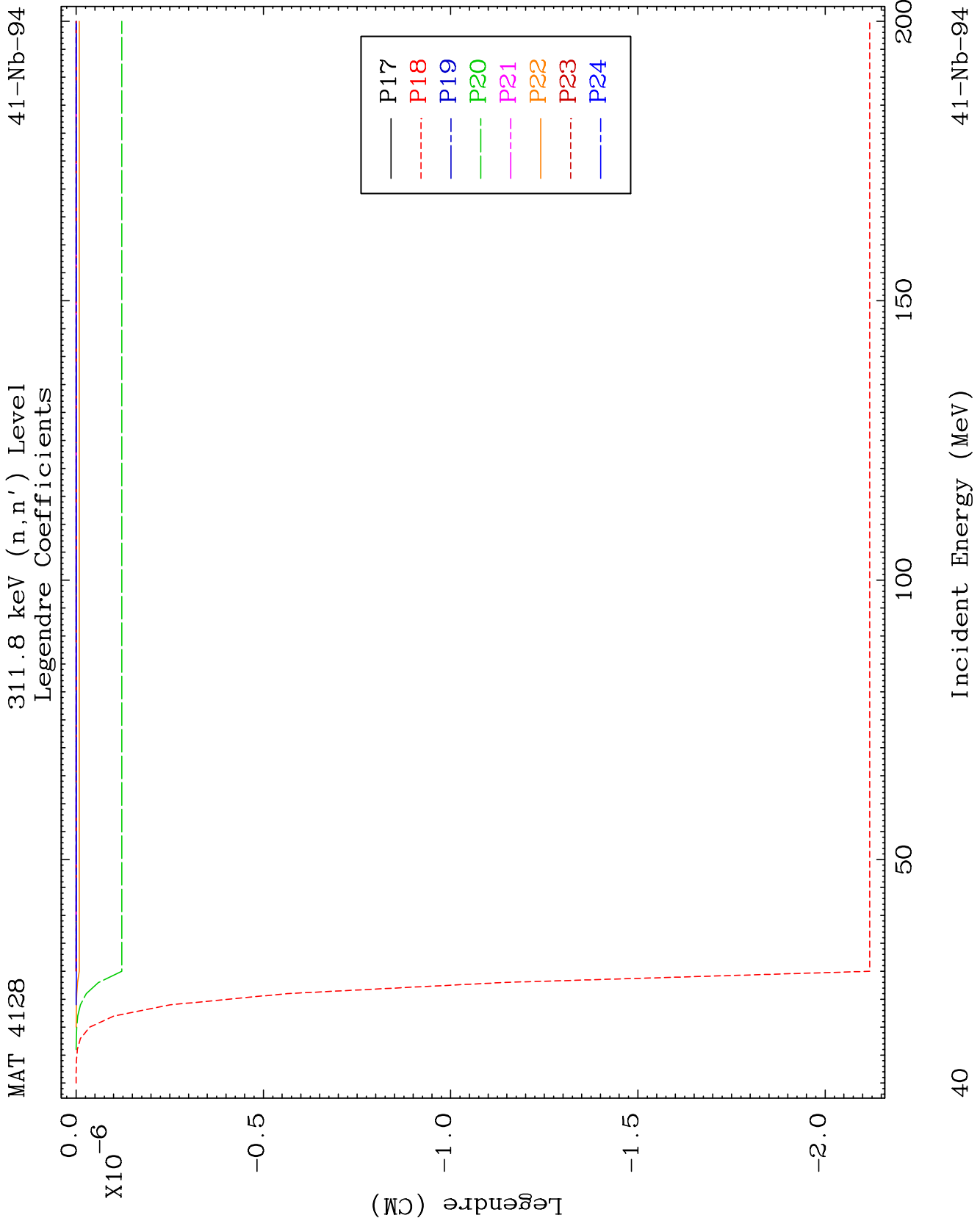
Incident Energy (MeV)

41-Nb-94





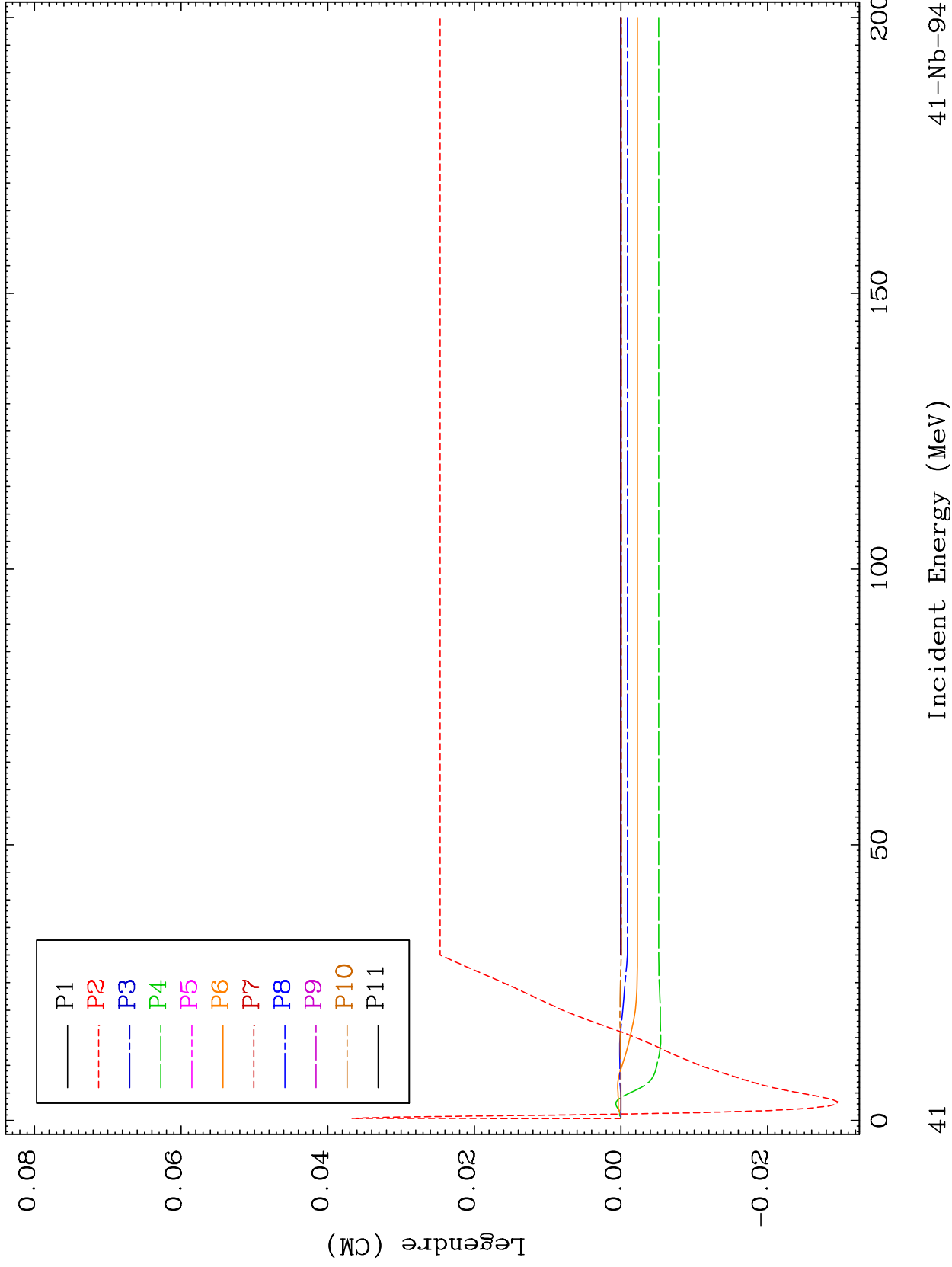




MAT 4128

334.1 keV (n,n') Level
Legendre Coefficients

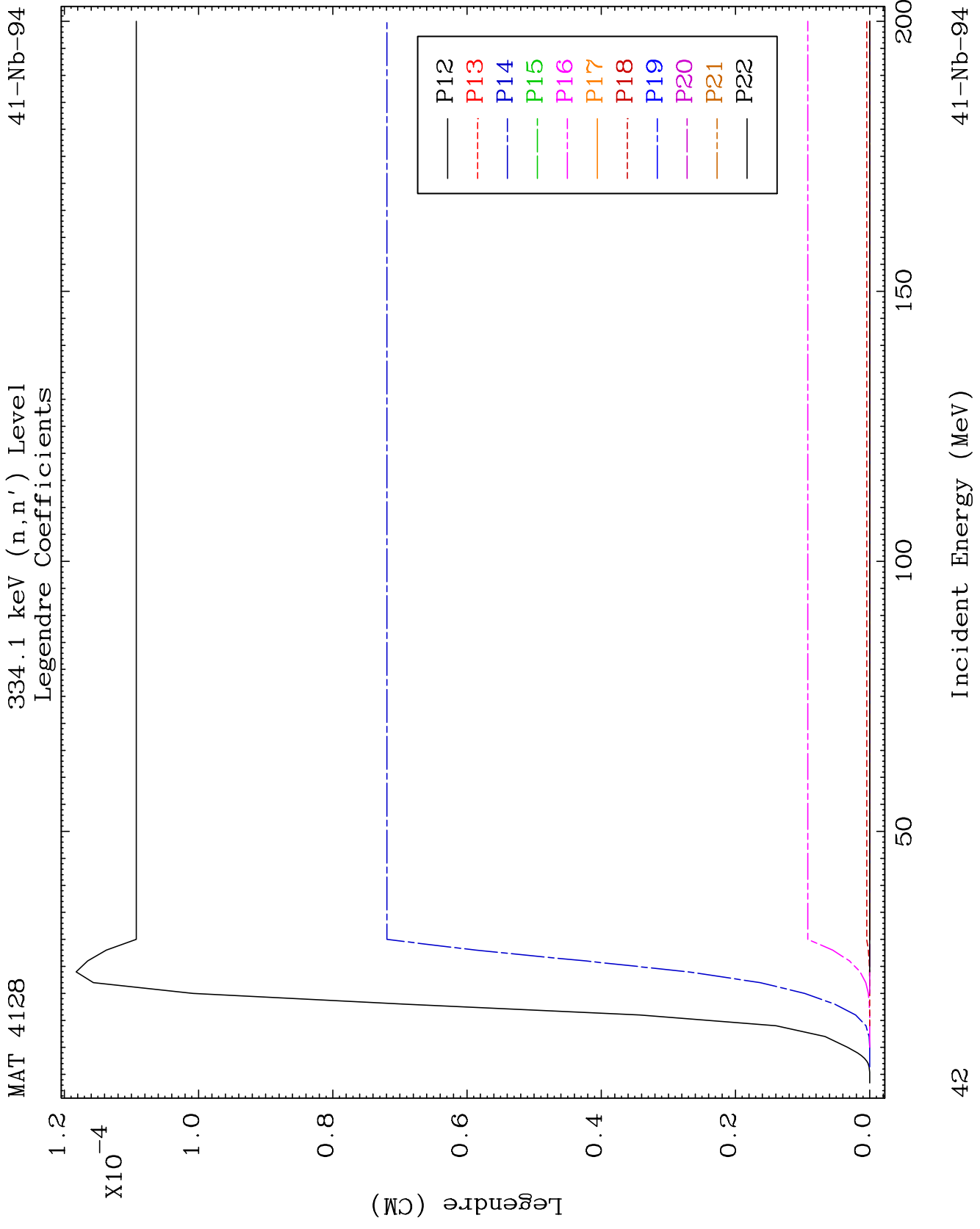
41-Nb-94



41

Incident Energy (MeV)

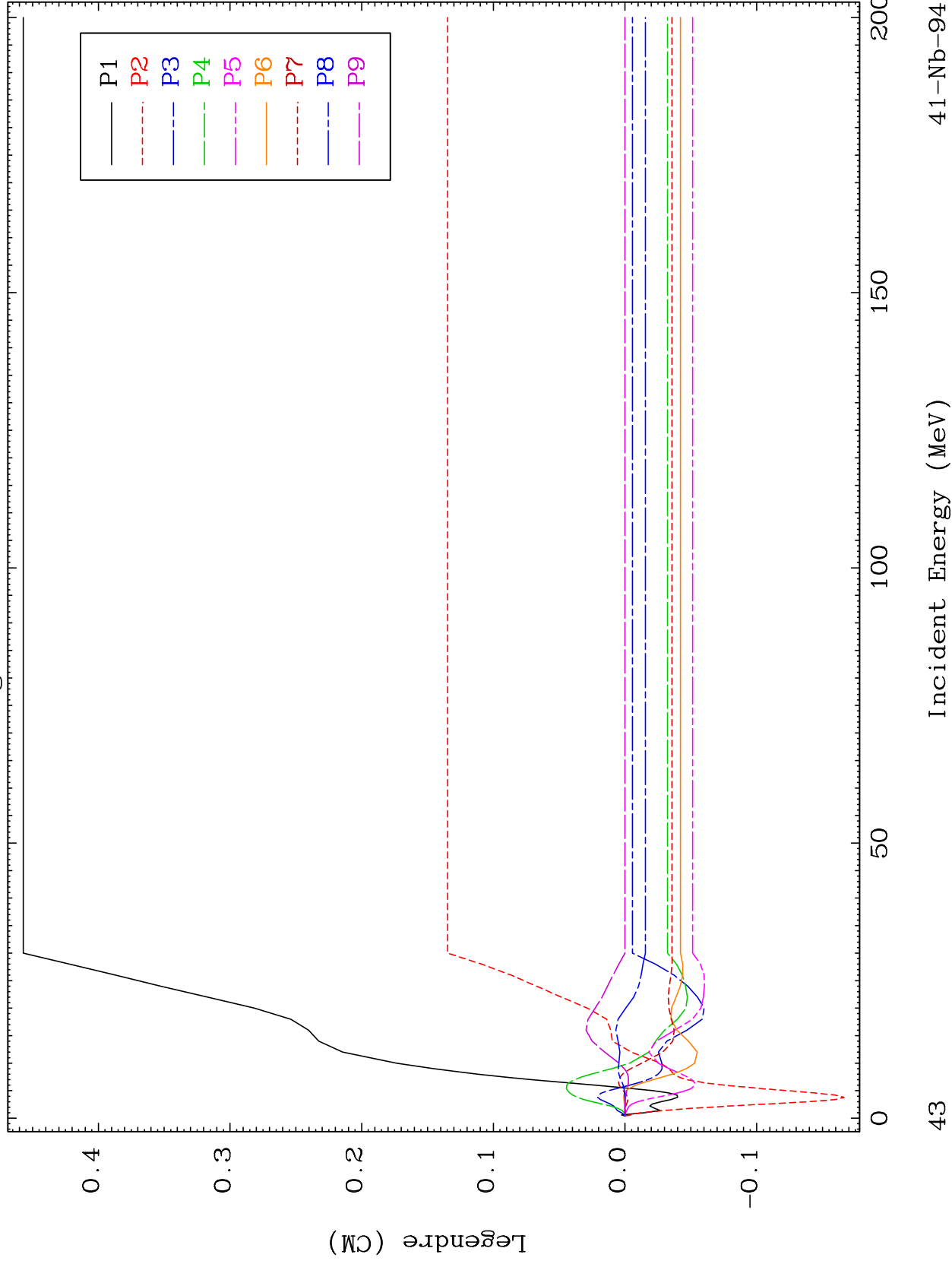
41-Nb-94



MAT 4128

396.2 keV (n,n') Level
Legendre Coefficients

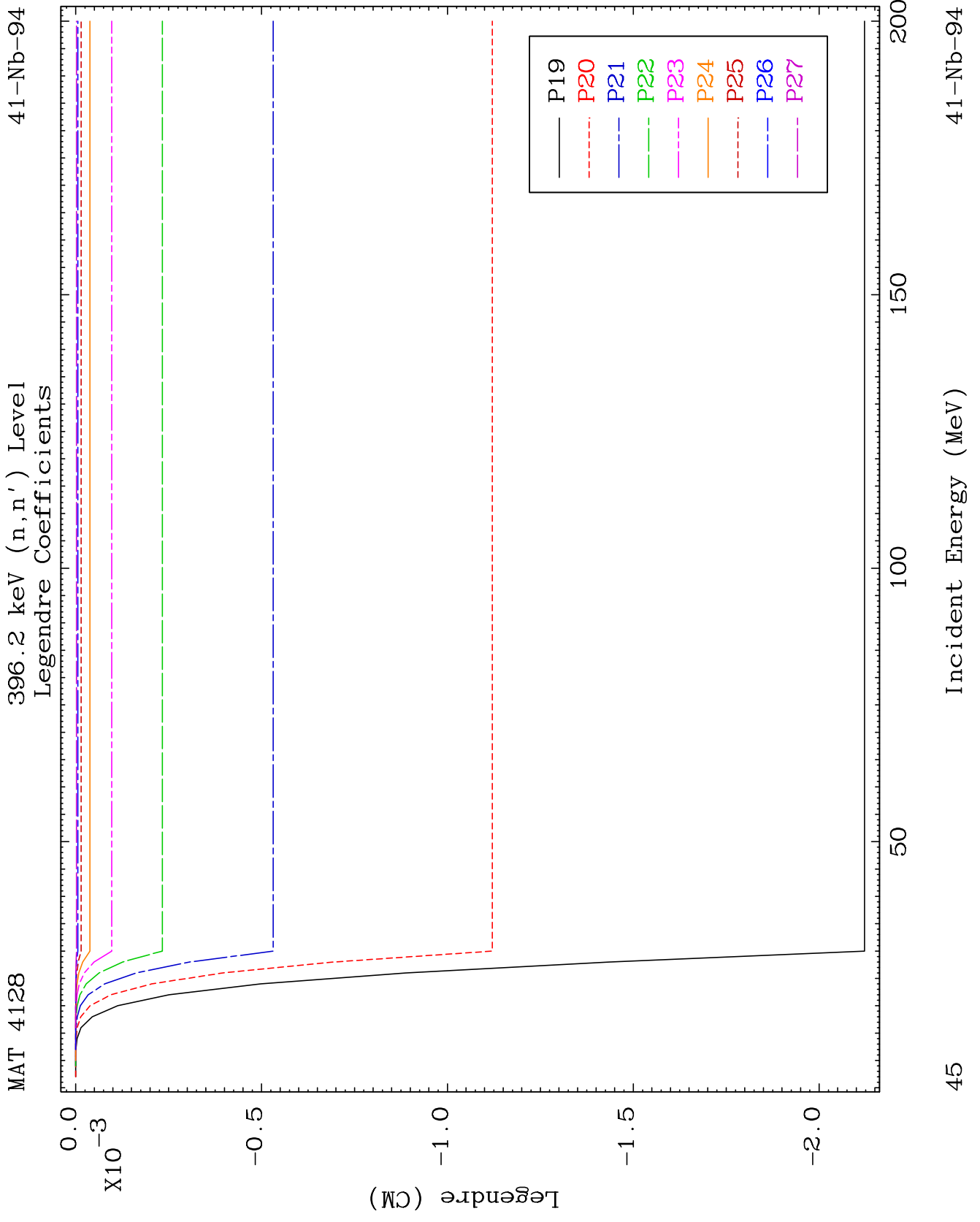
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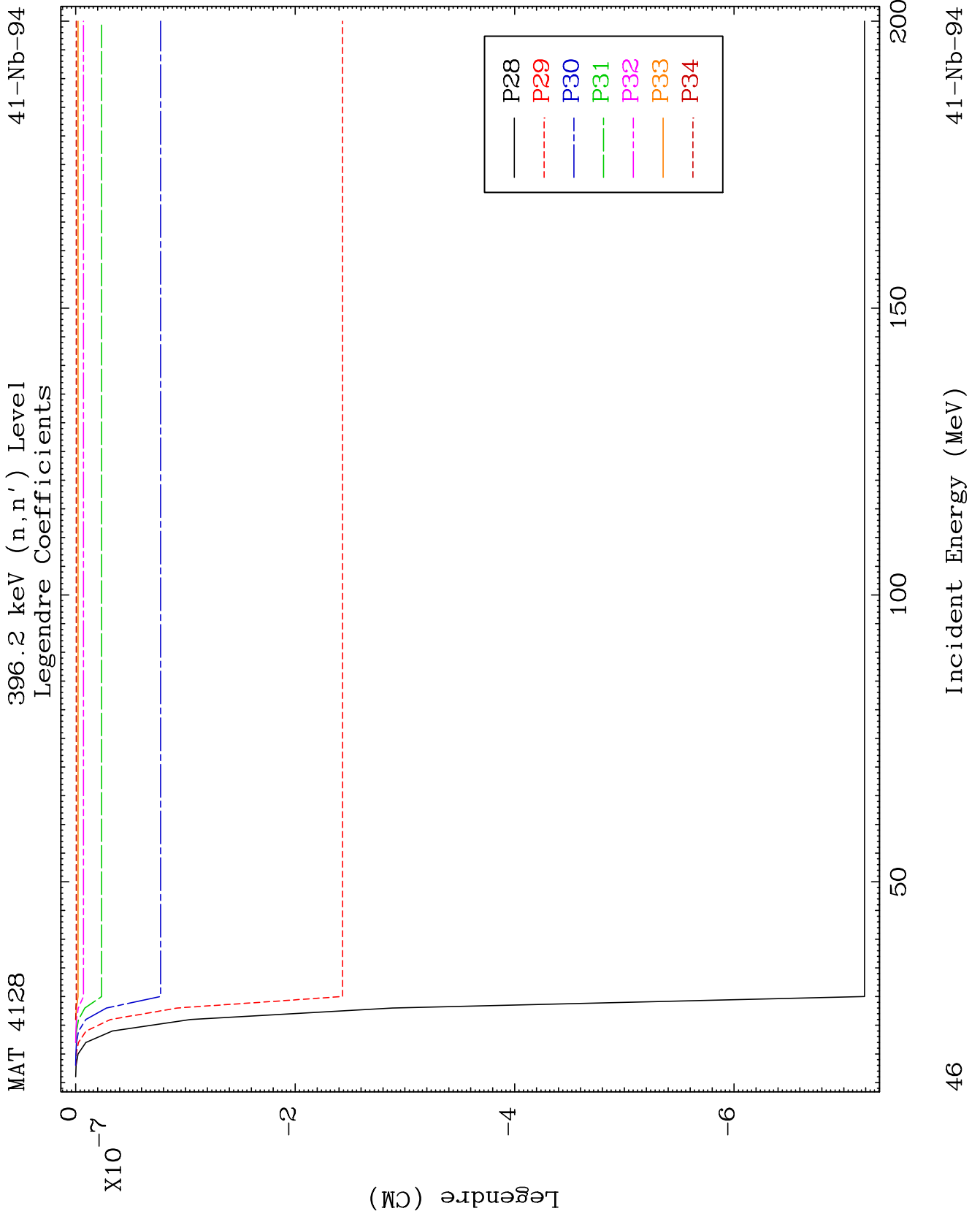


43

Incident Energy (MeV)

41-Nb-94

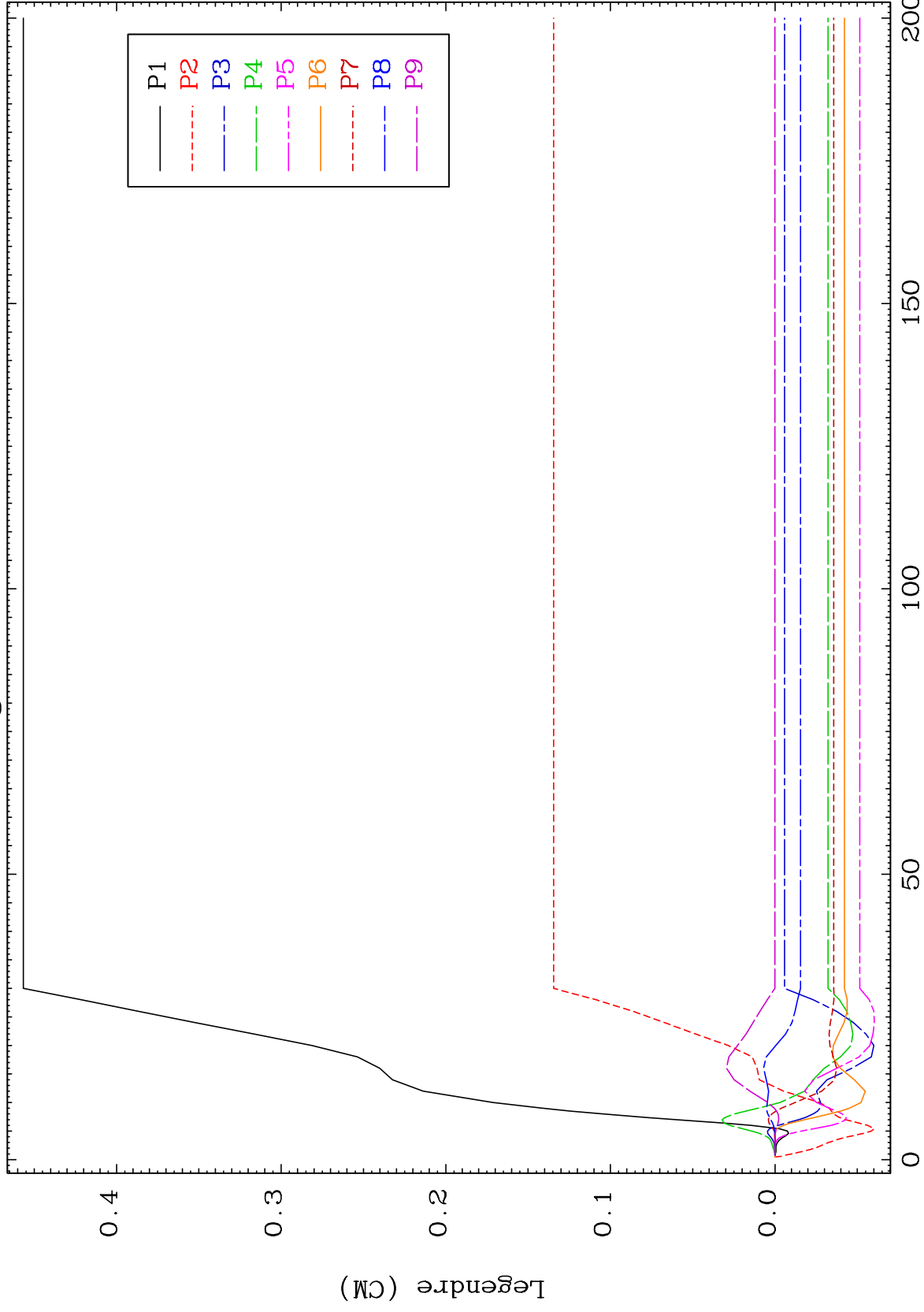




MAT 4128

450.2 keV (n,n') Level
Legendre Coefficients

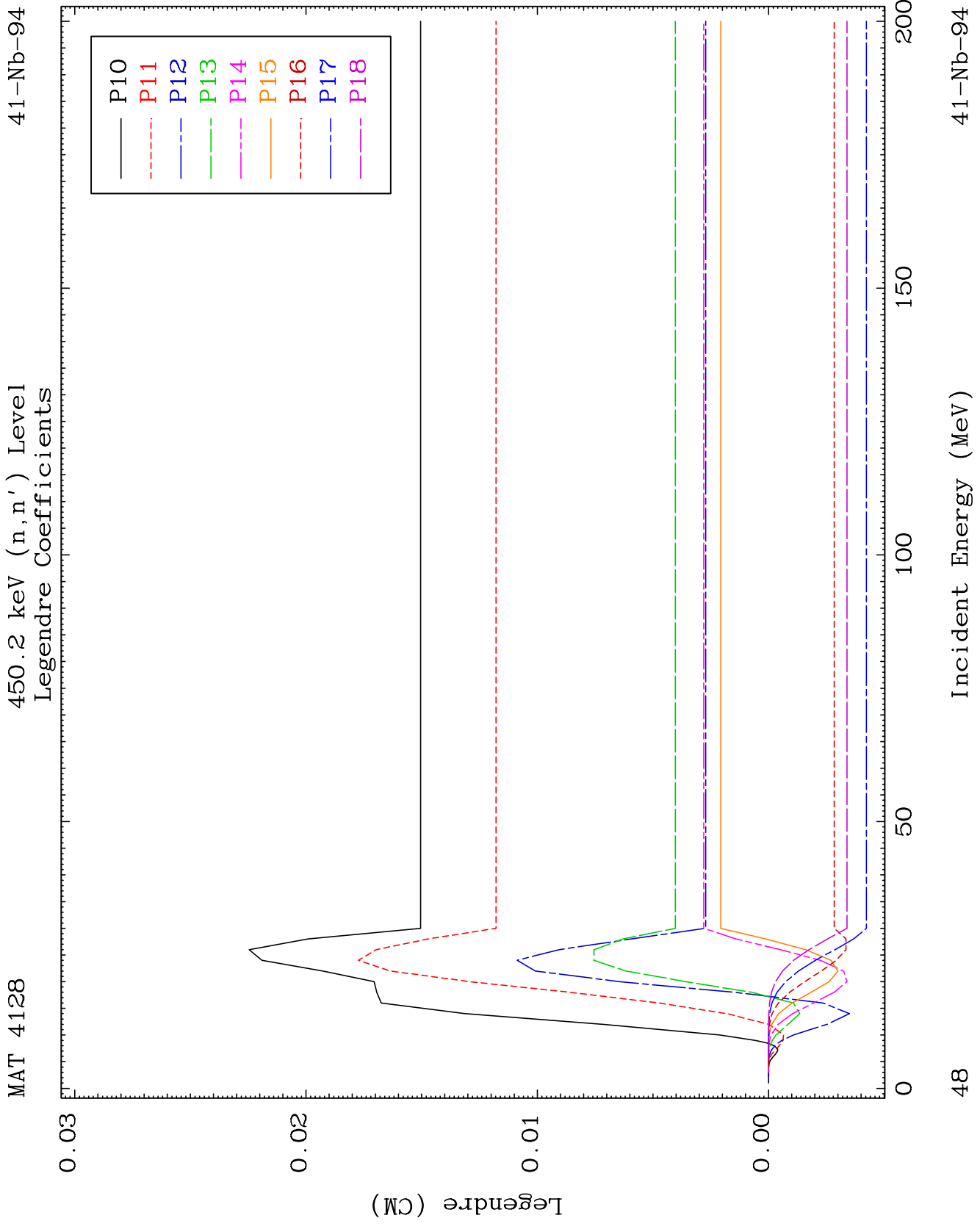
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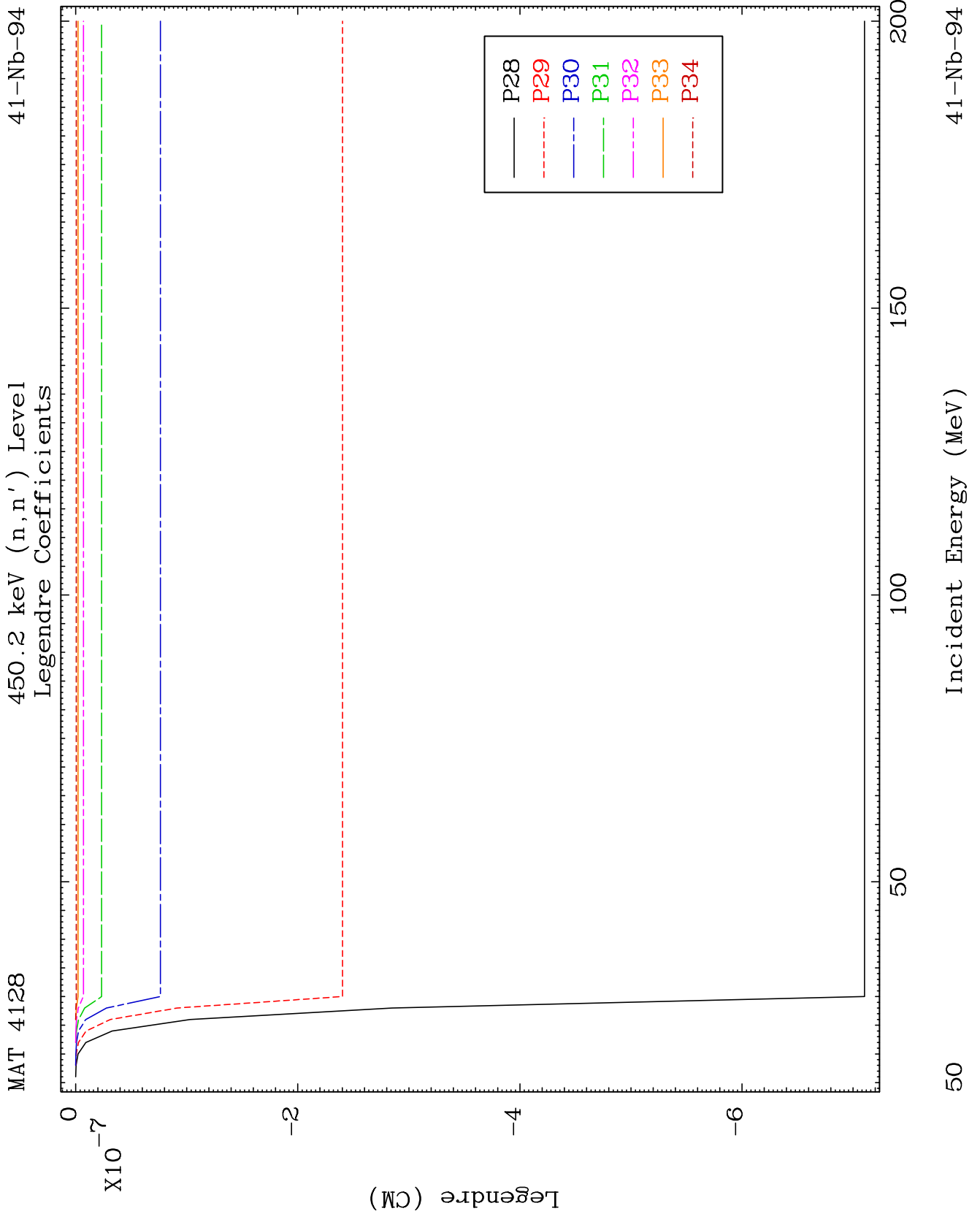


47

Incident Energy (MeV)

41-Nb-94

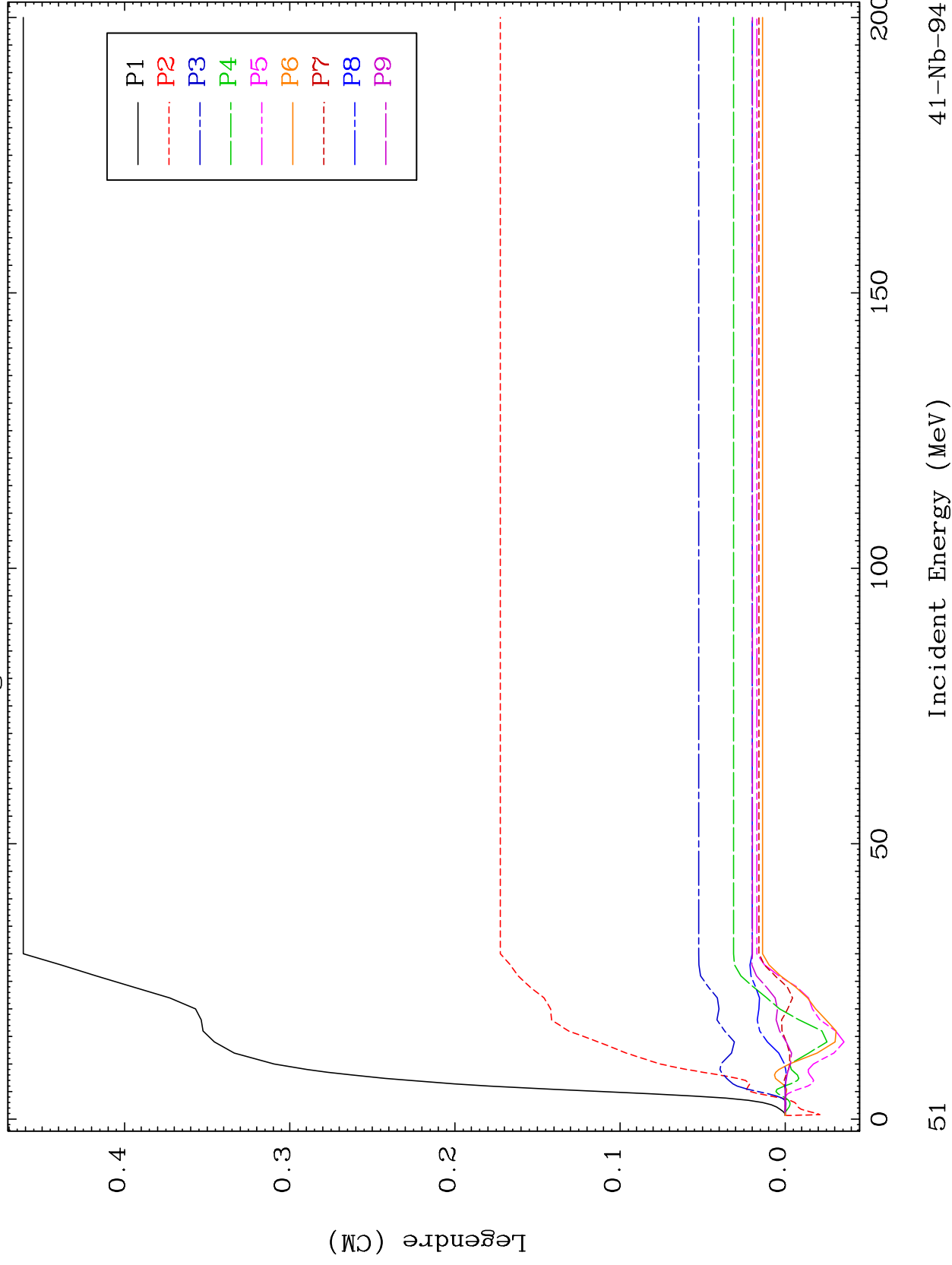




MAT 4128

631.5 keV (n,n') Level
Legendre Coefficients

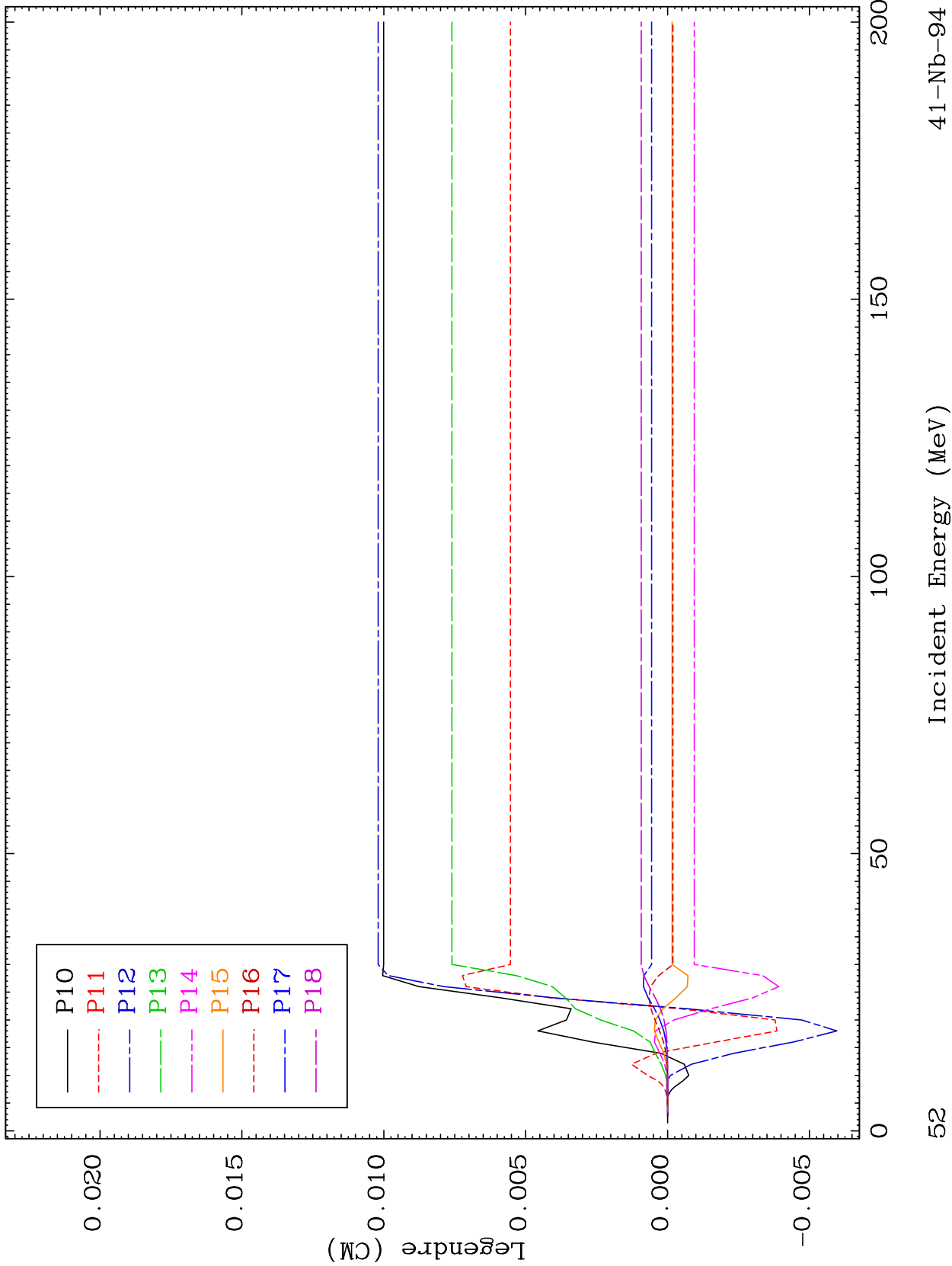
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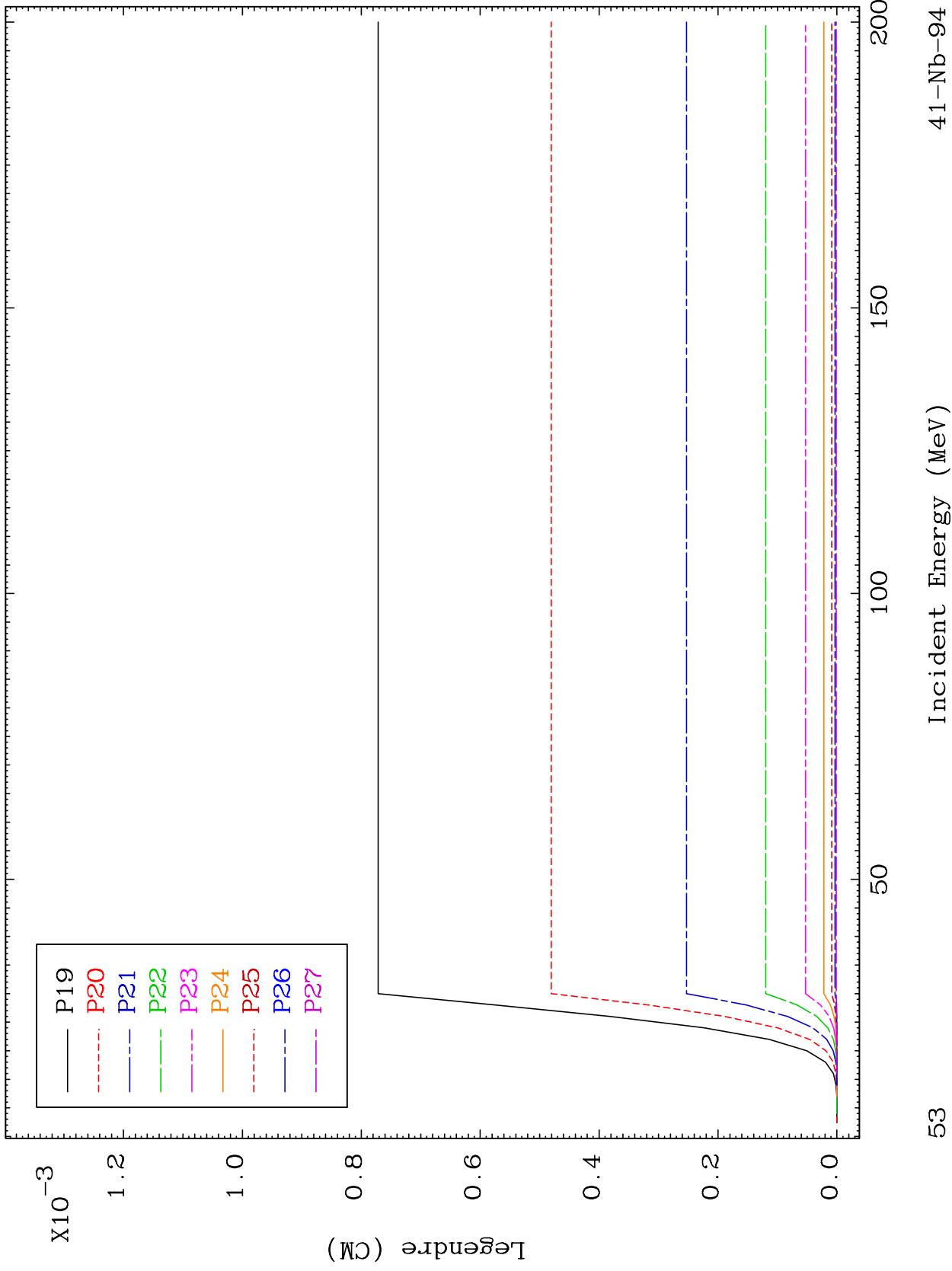


41-Nb-94

Incident Energy (MeV)

51

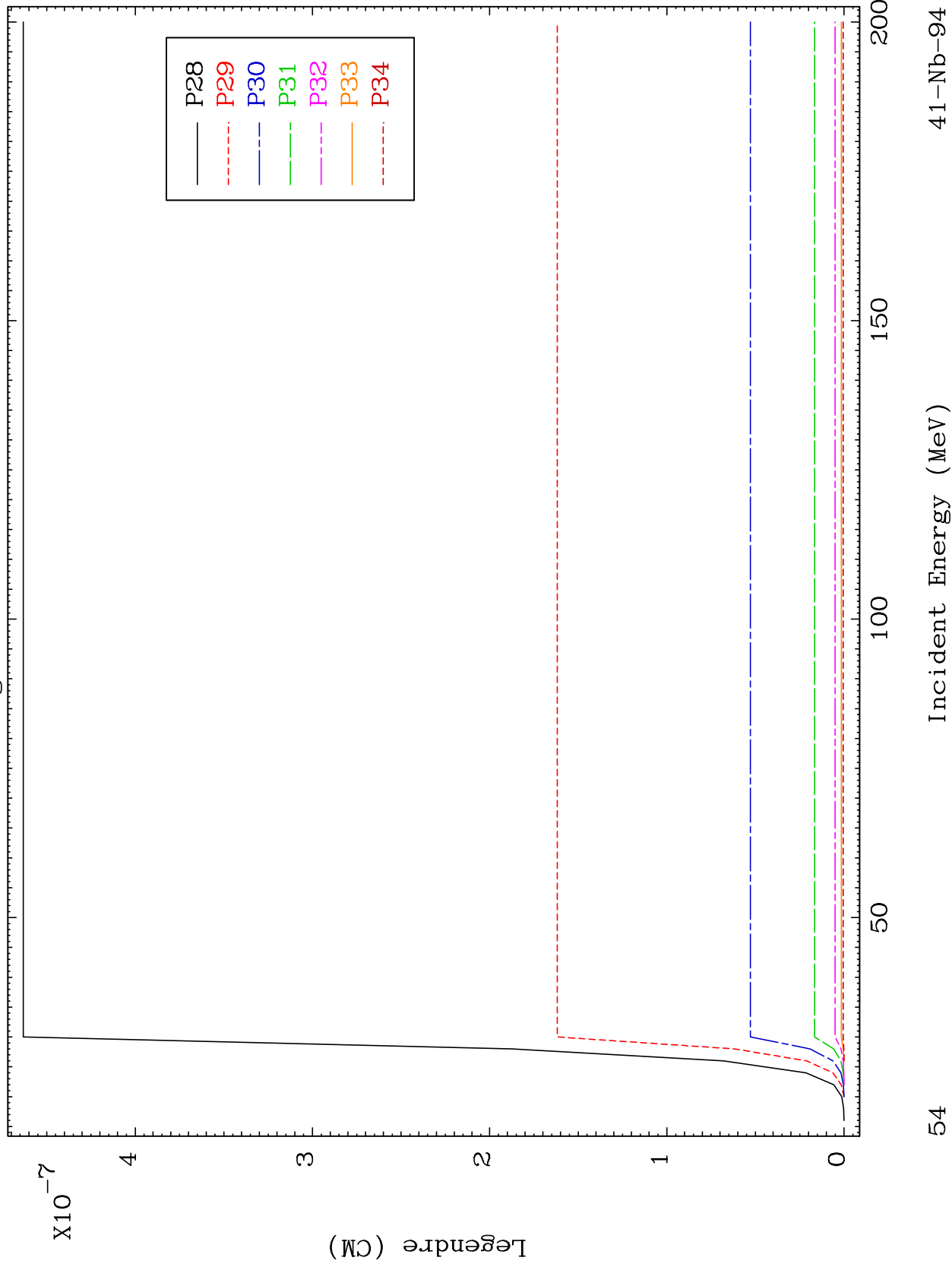




MAT 4128

631.5 keV (n,n') Level
Legendre Coefficients

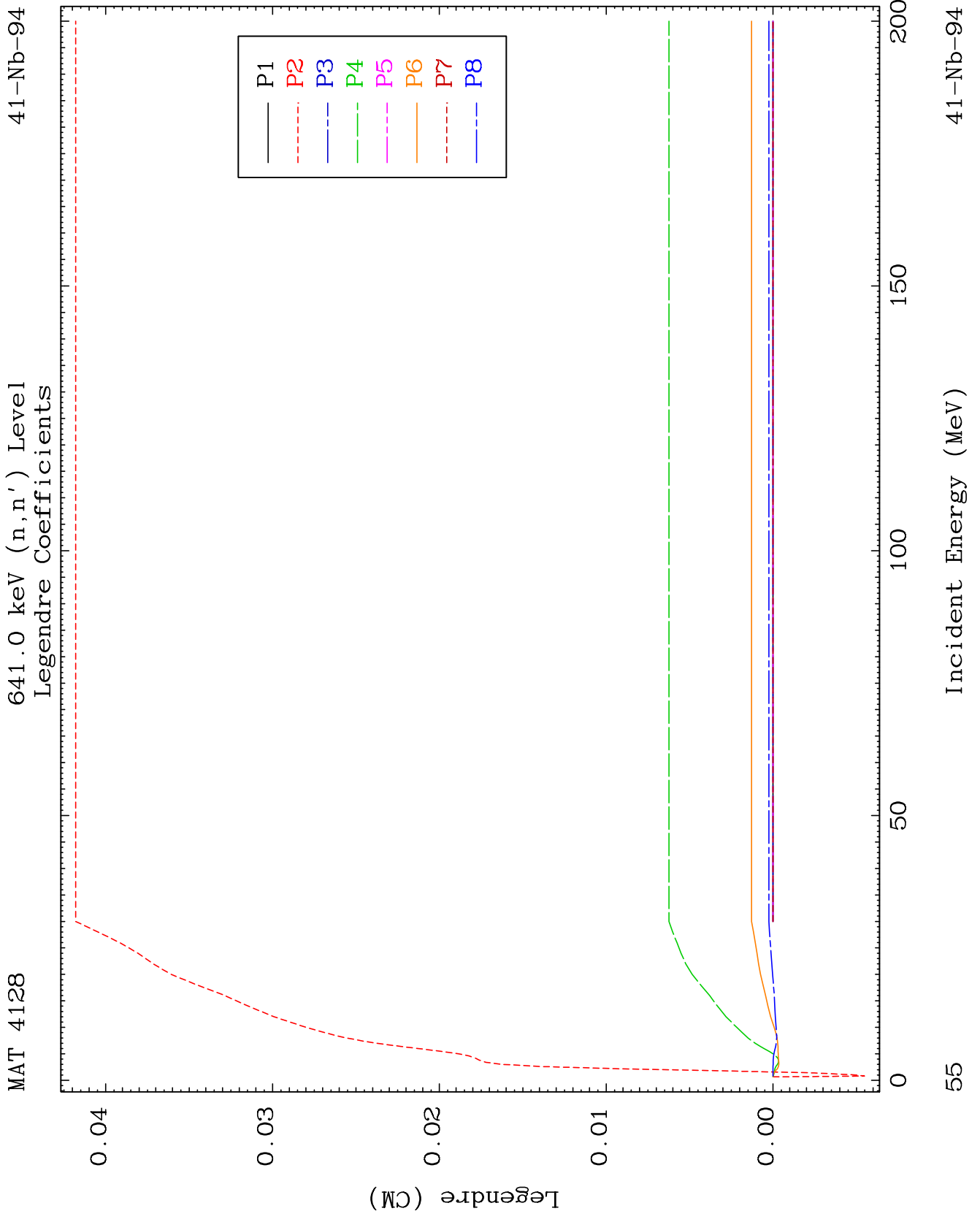
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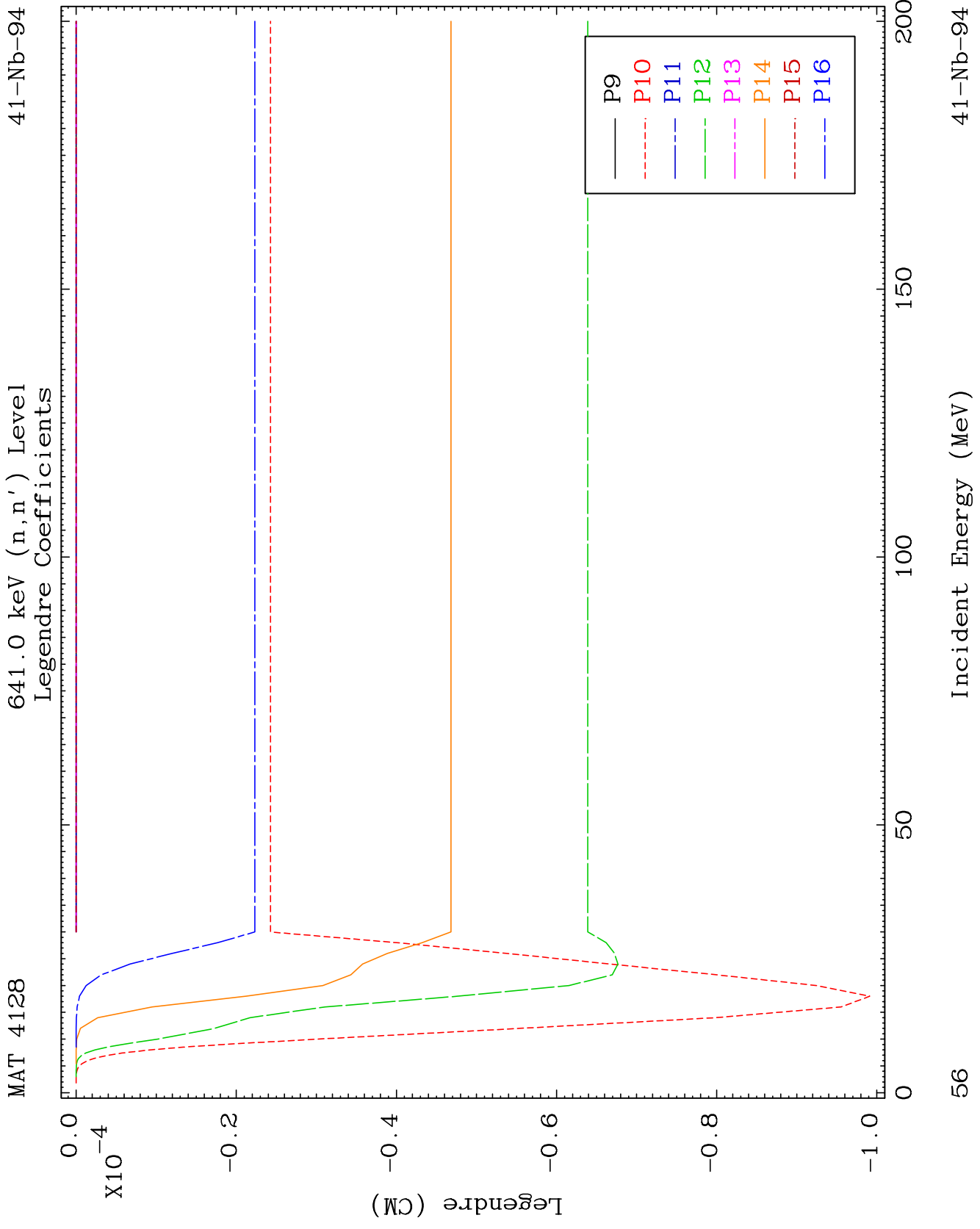


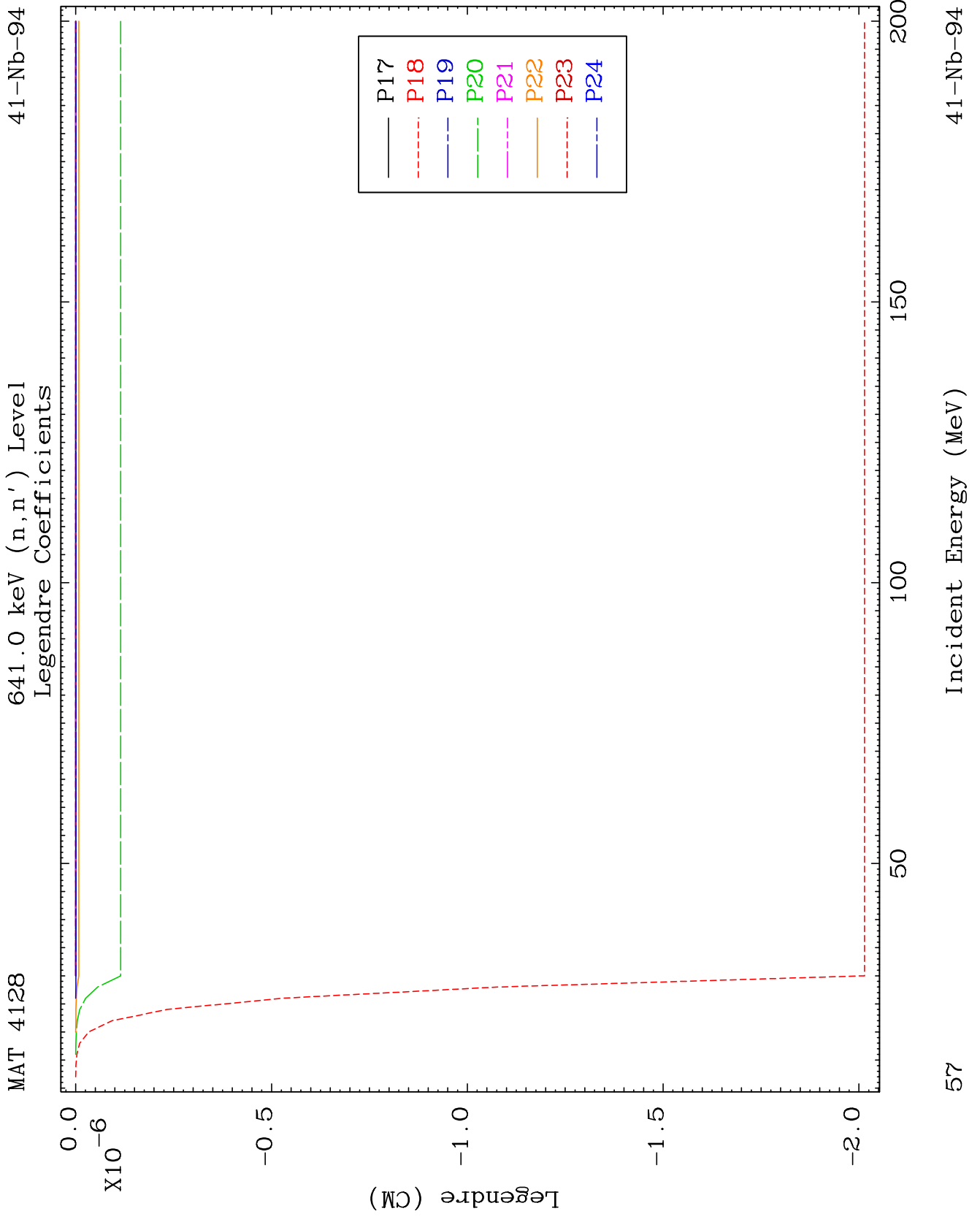
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Incident Energy (MeV)

41-Nb-94



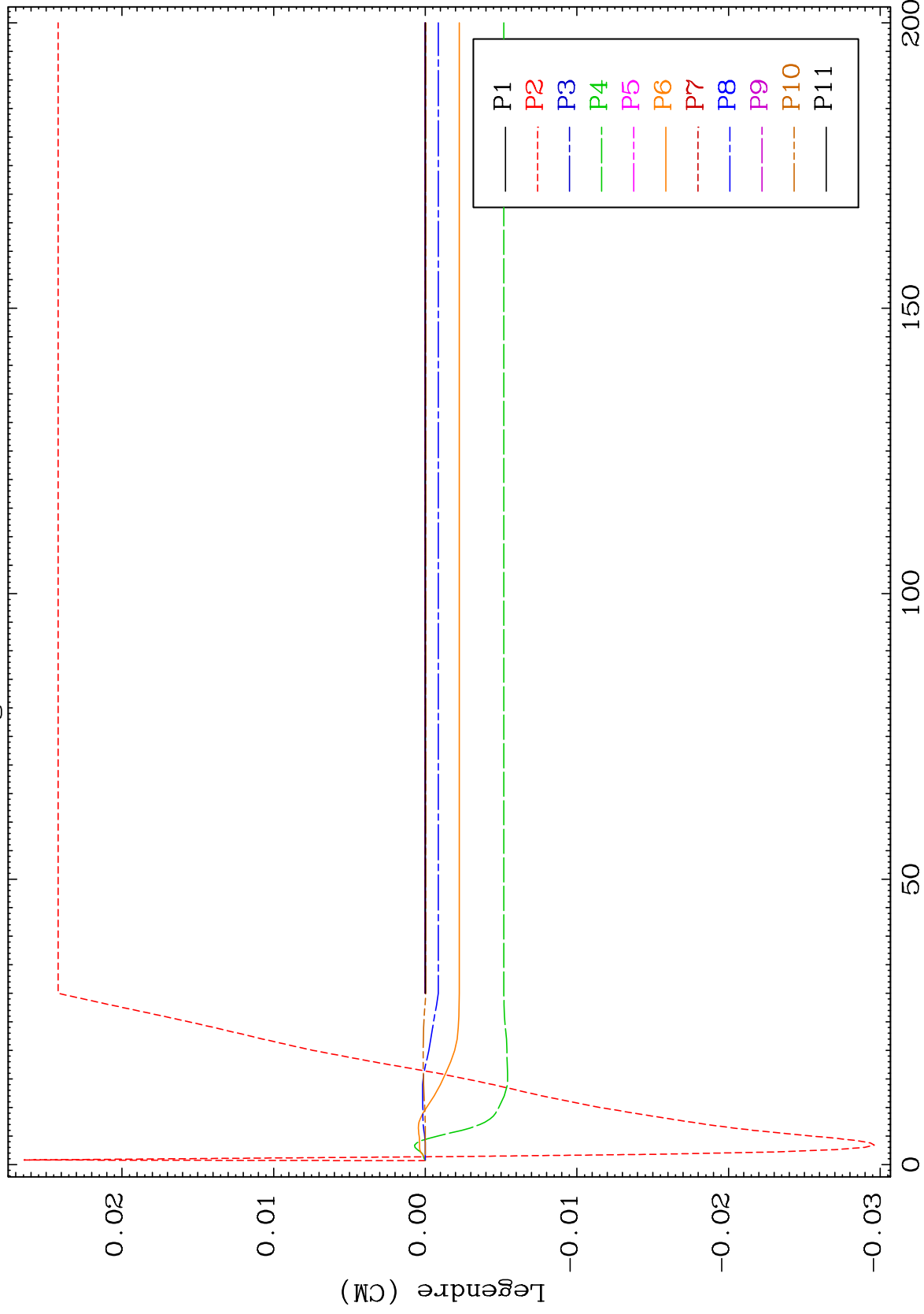




MAT 4128

666.1 keV (n,n') Level
Legendre Coefficients

41-Nb-94



58

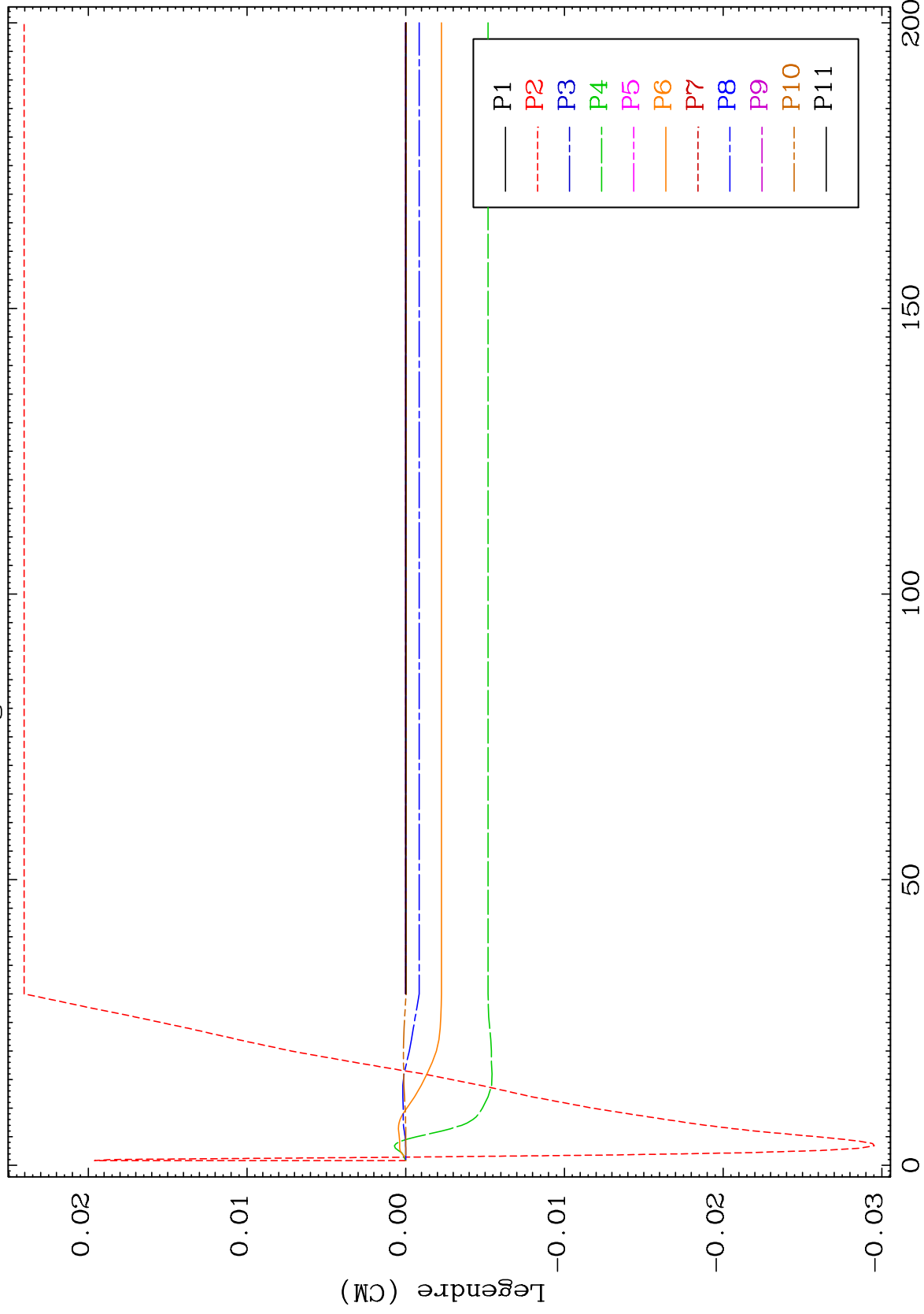
Incident Energy (MeV)

41-Nb-94

MAT 4128

785.7 keV (n,n') Level
Legendre Coefficients

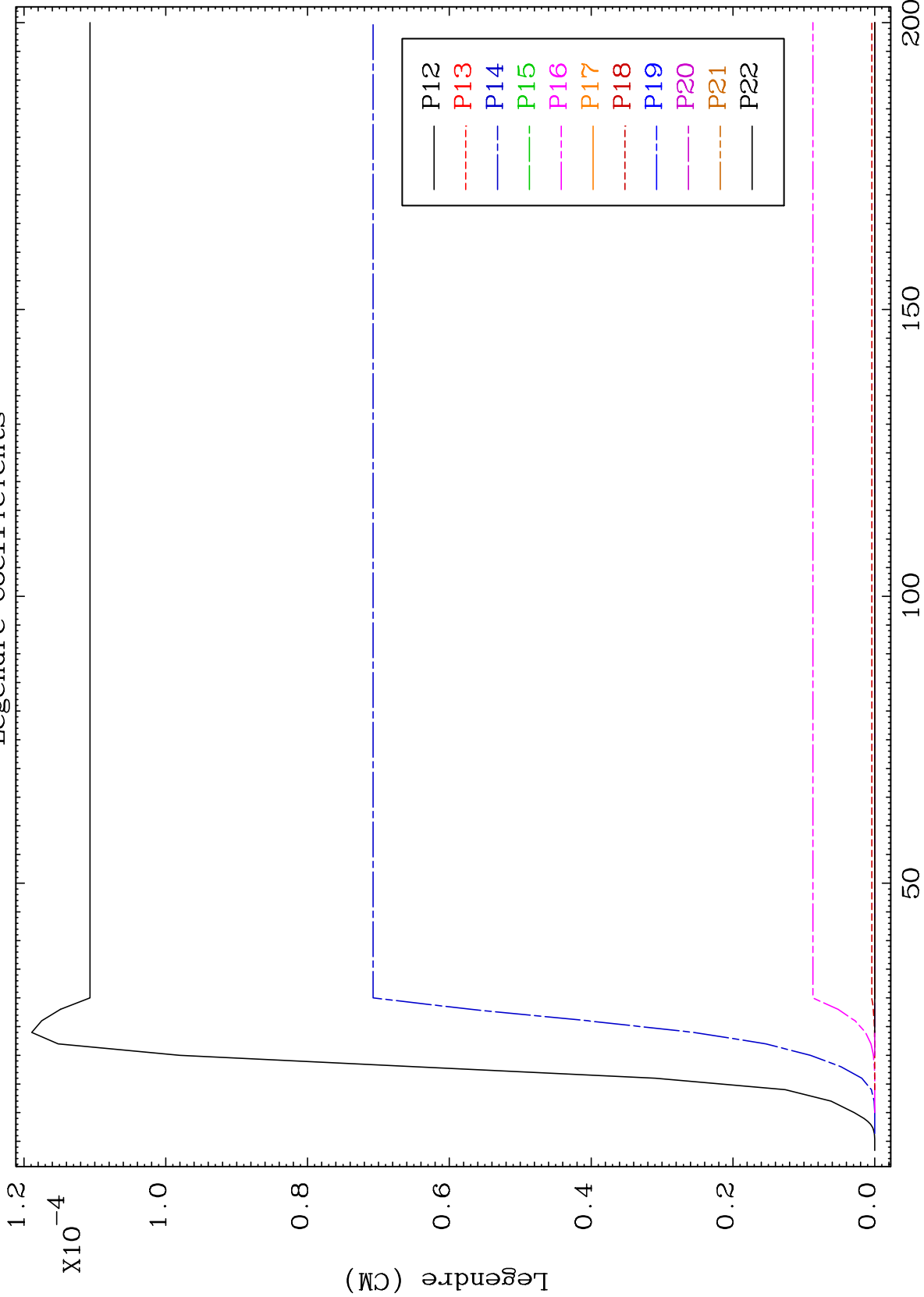
41-Nb-94



41-Nb-94

Incident Energy (MeV)

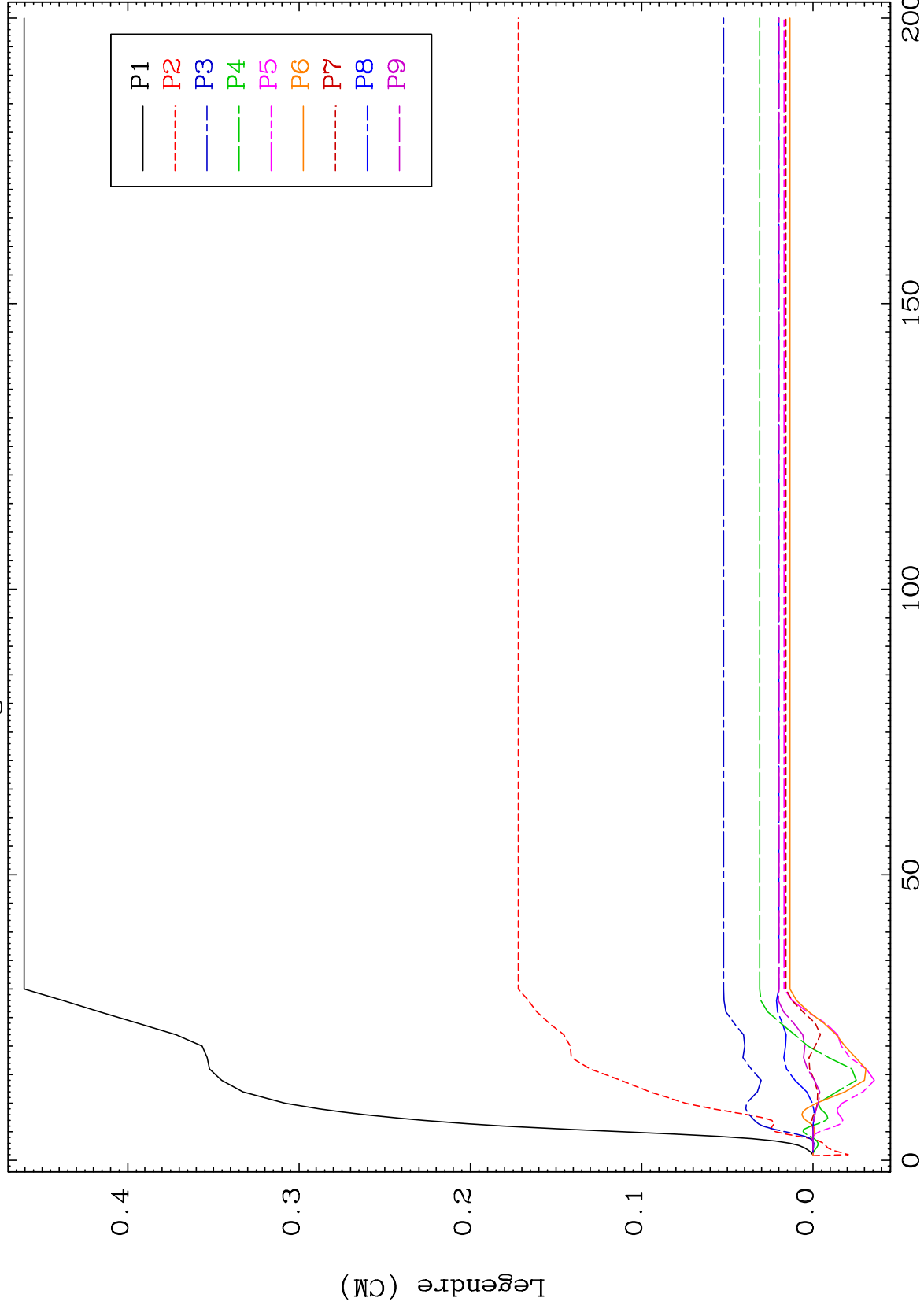
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MAT 4128

792.6 keV (n,n') Level
Legendre Coefficients

41-Nb-94



41-Nb-94

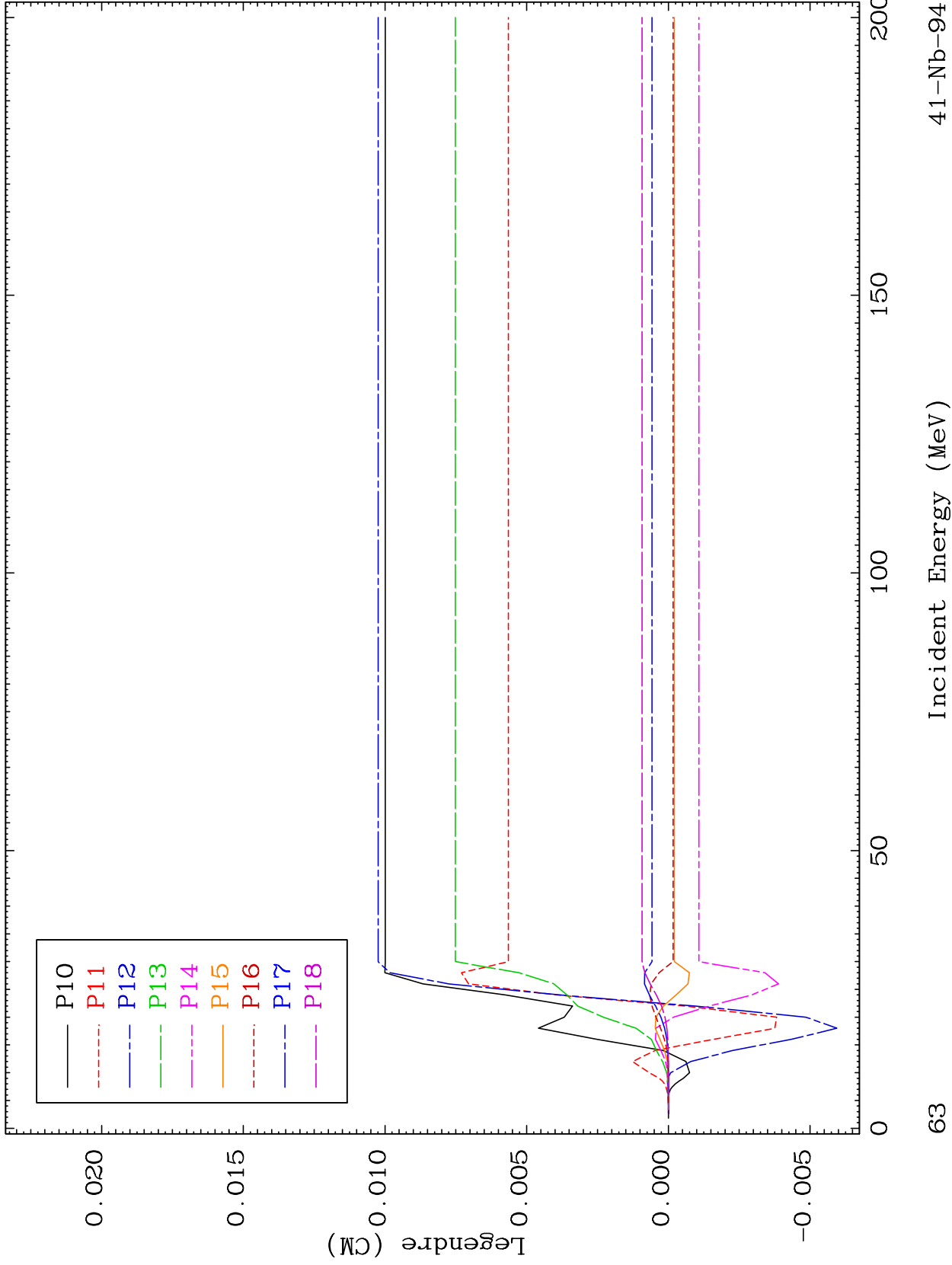
Incident Energy (MeV)

62

MAT 4128

792.6 keV (n,n') Level
Legendre Coefficients

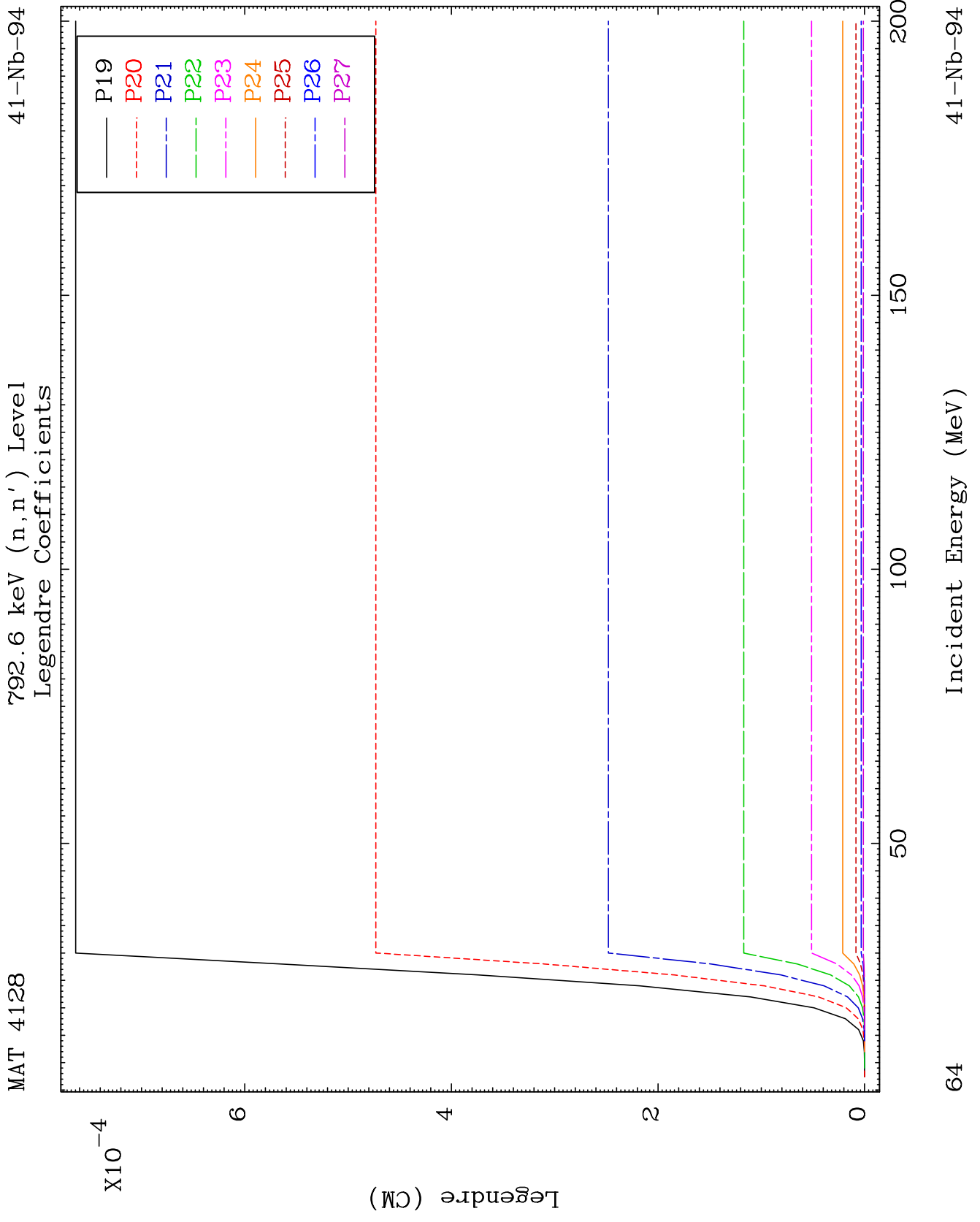
41-Nb-94



63

Incident Energy (MeV)

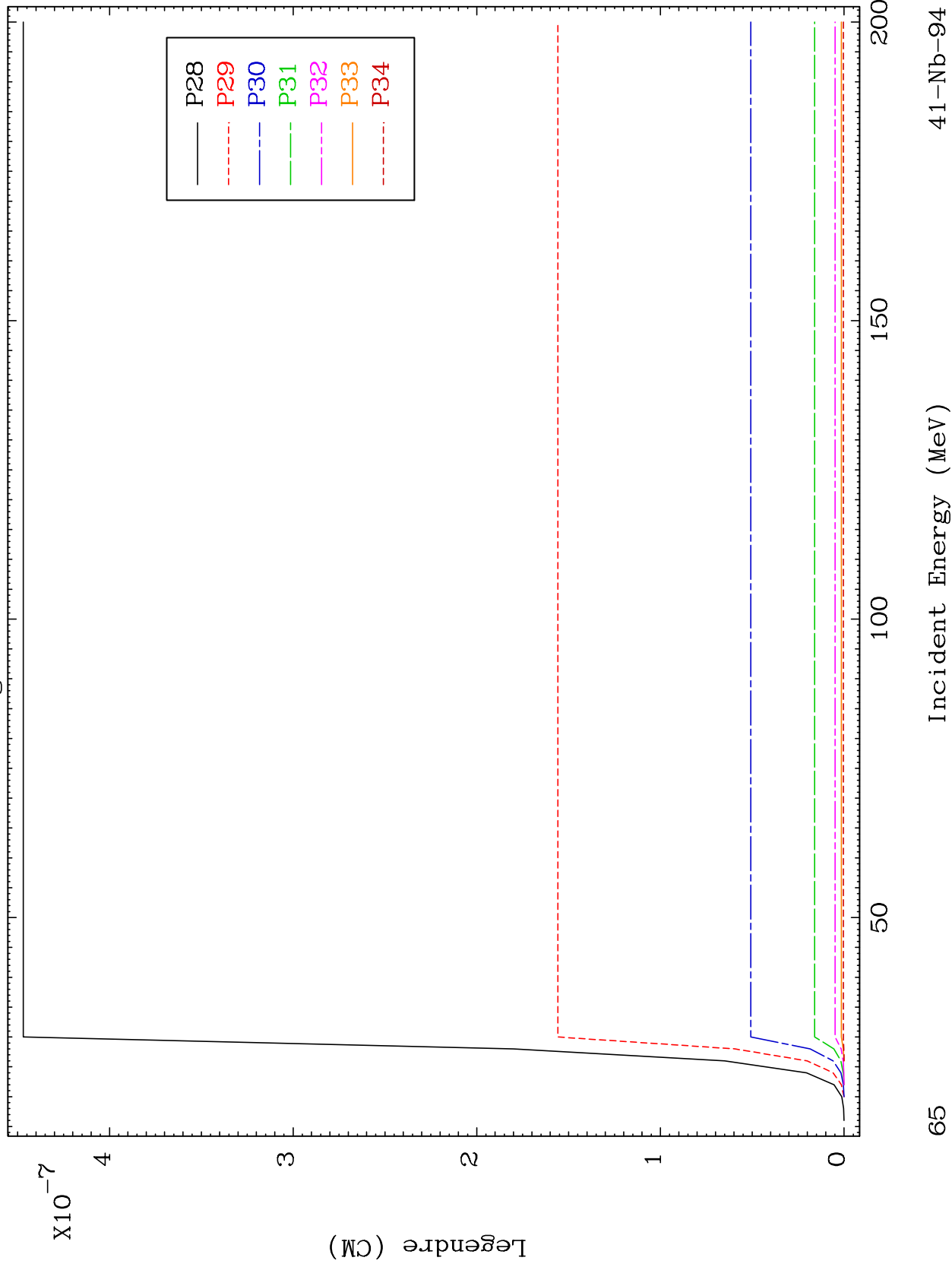
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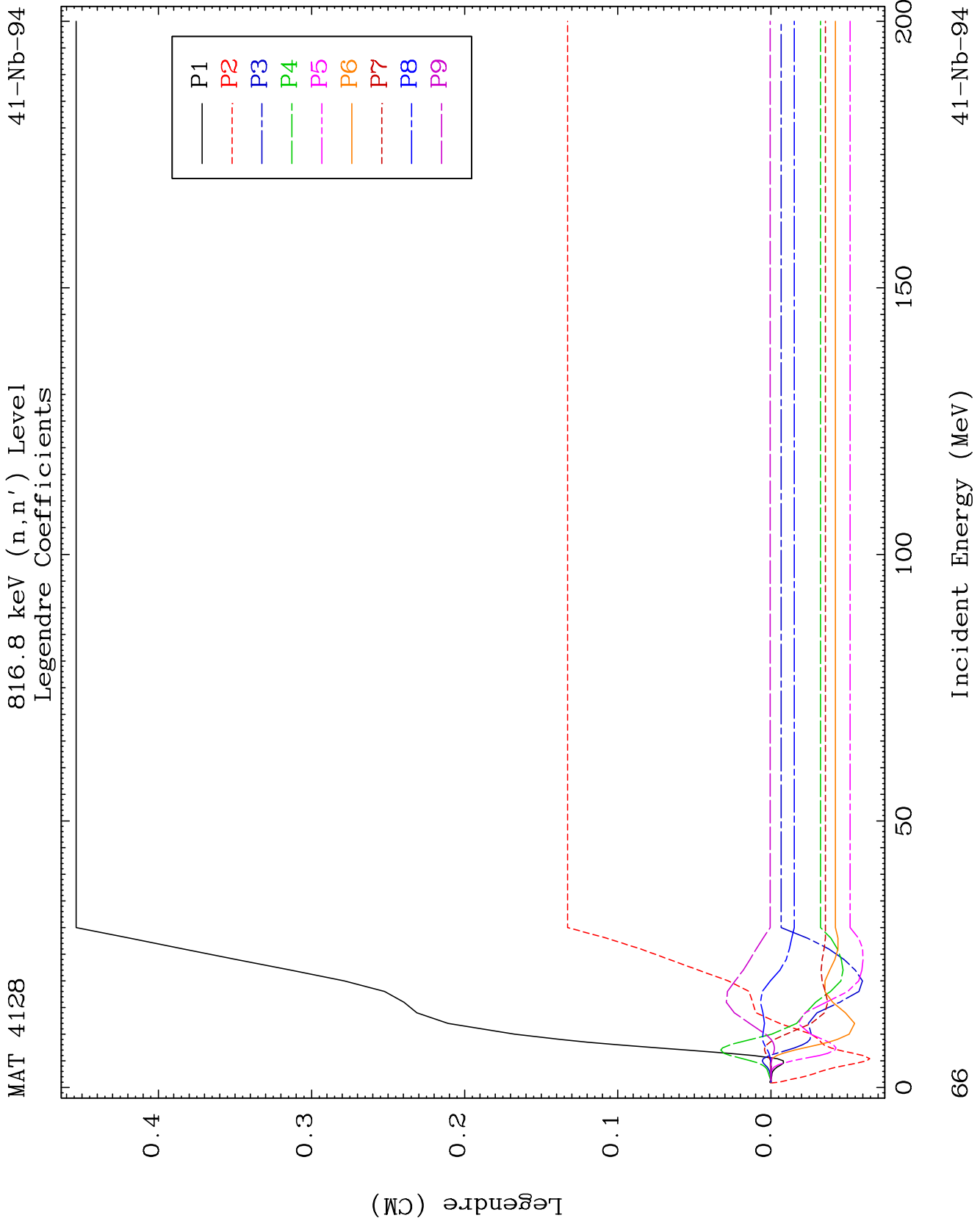


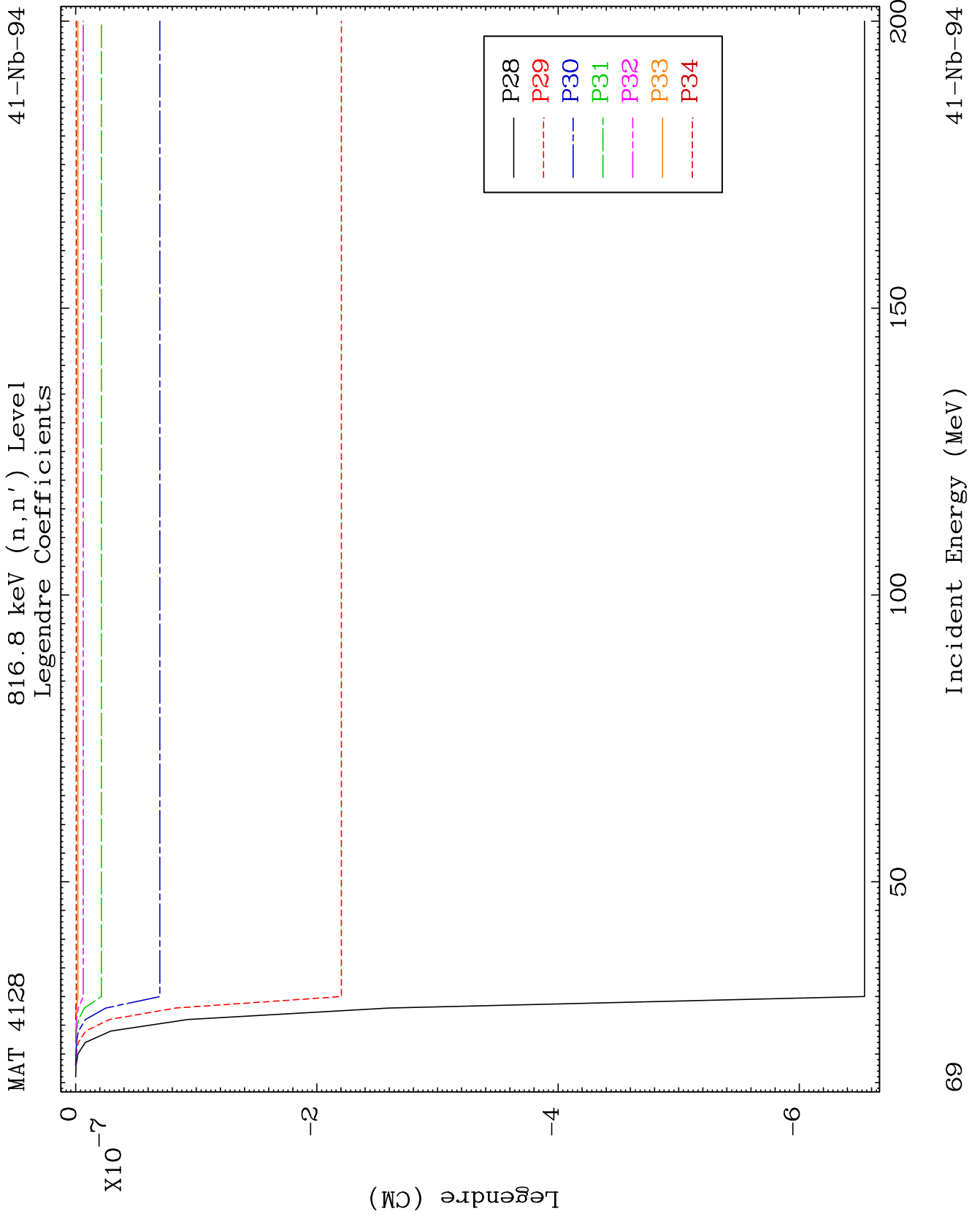
MAT 4128

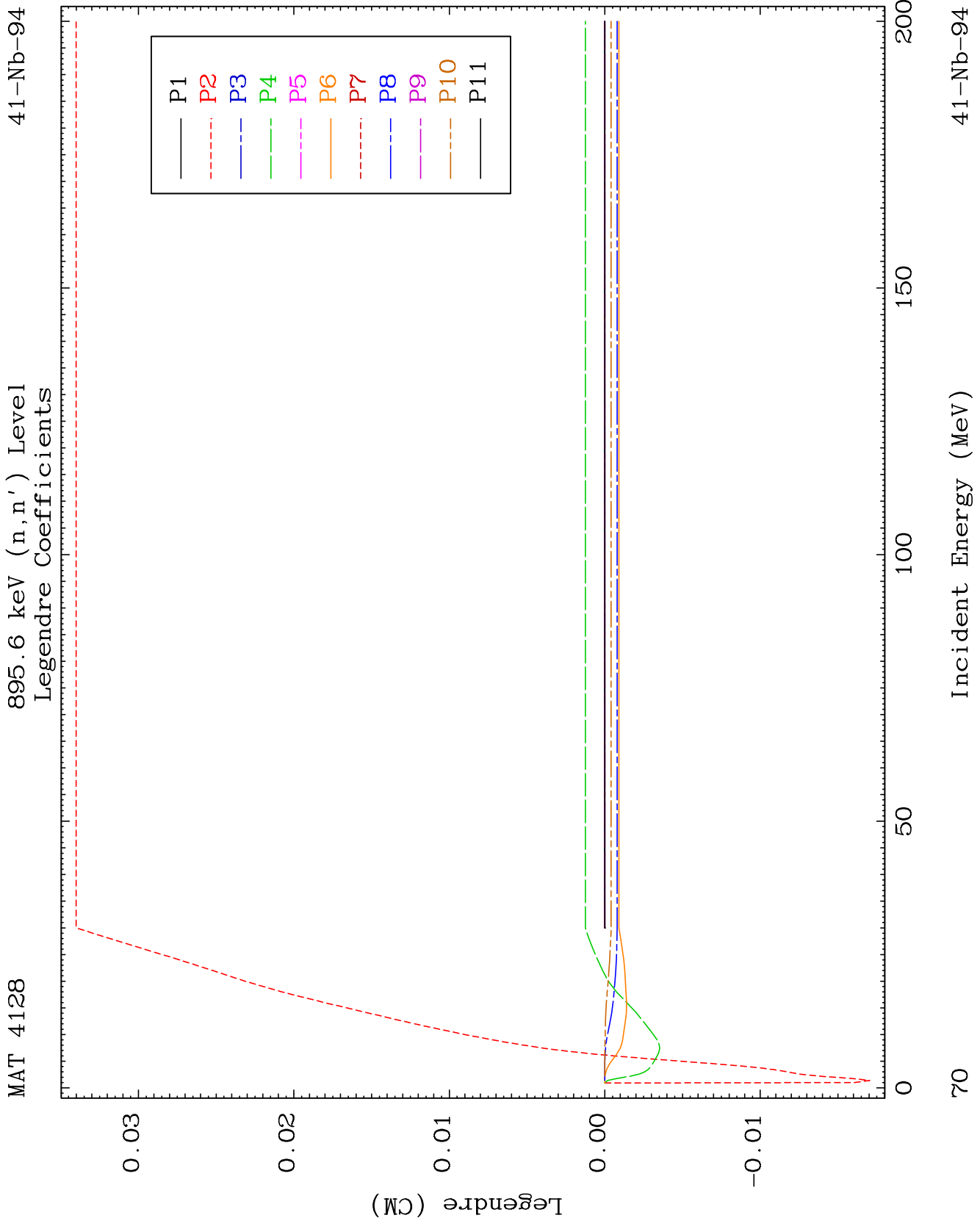
792.6 keV (n,n') Level
Legendre Coefficients

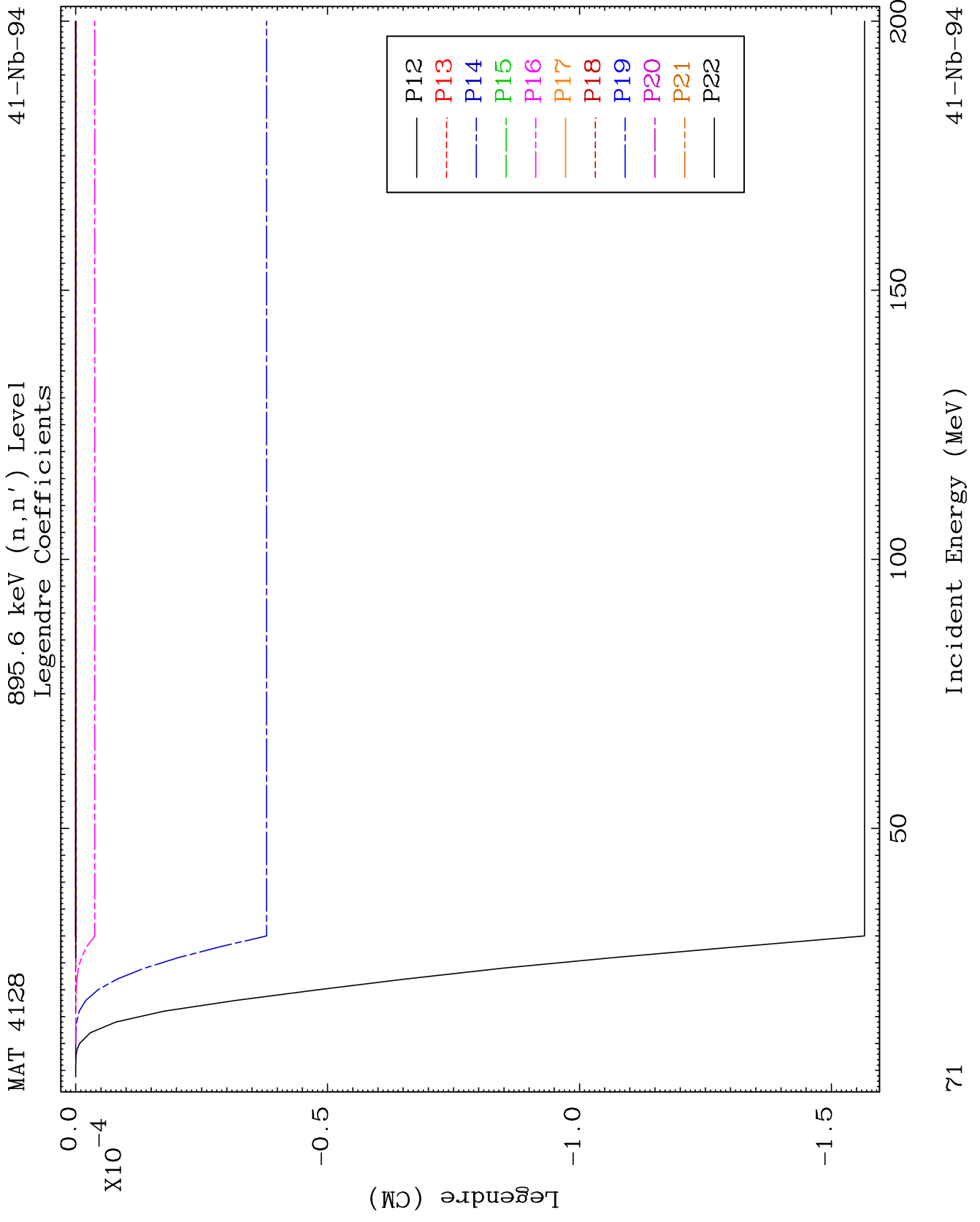
41-Nb-94







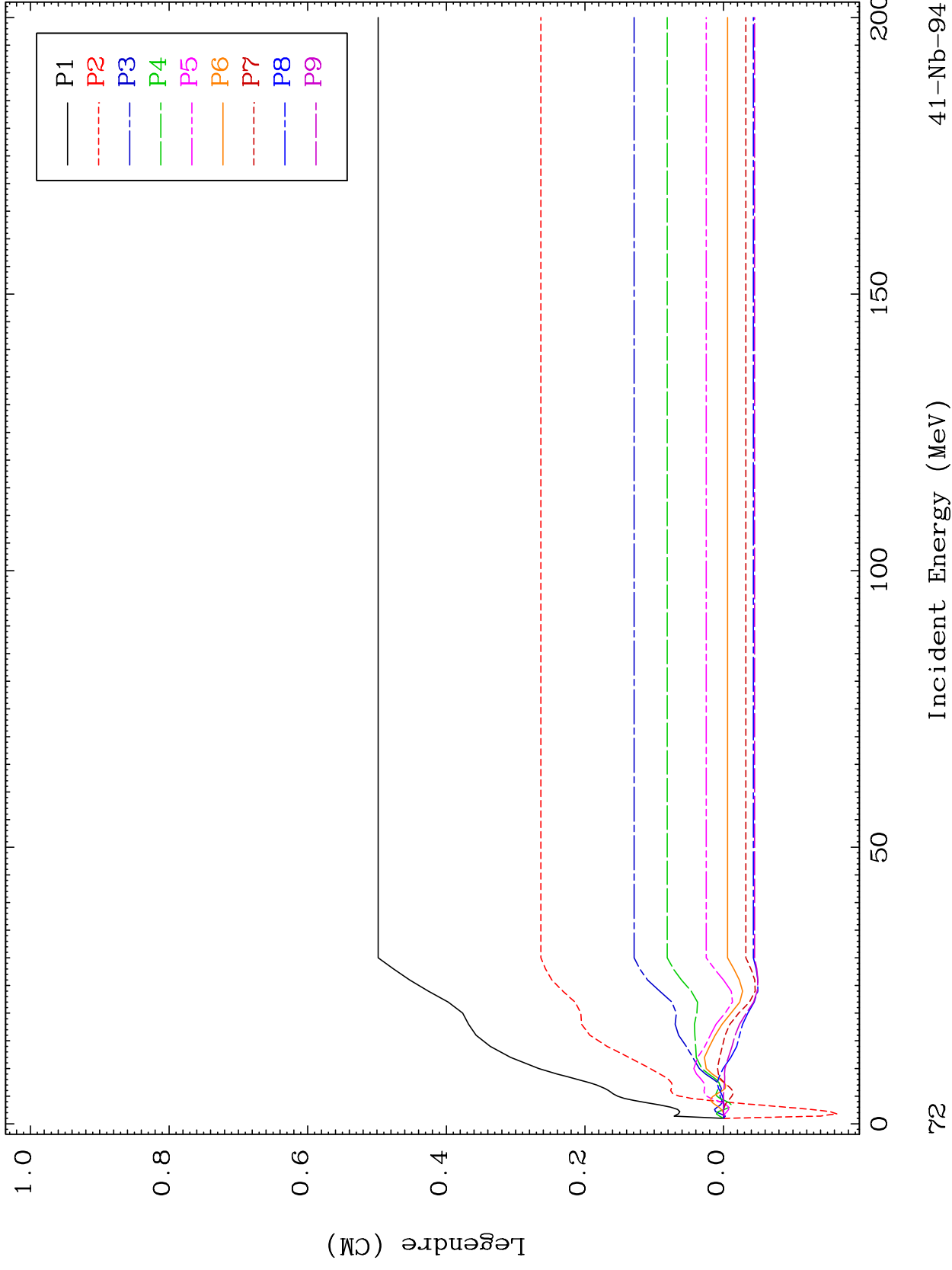




MAT 4128

924.3 keV (n,n') Level
Legendre Coefficients

41-Nb-94

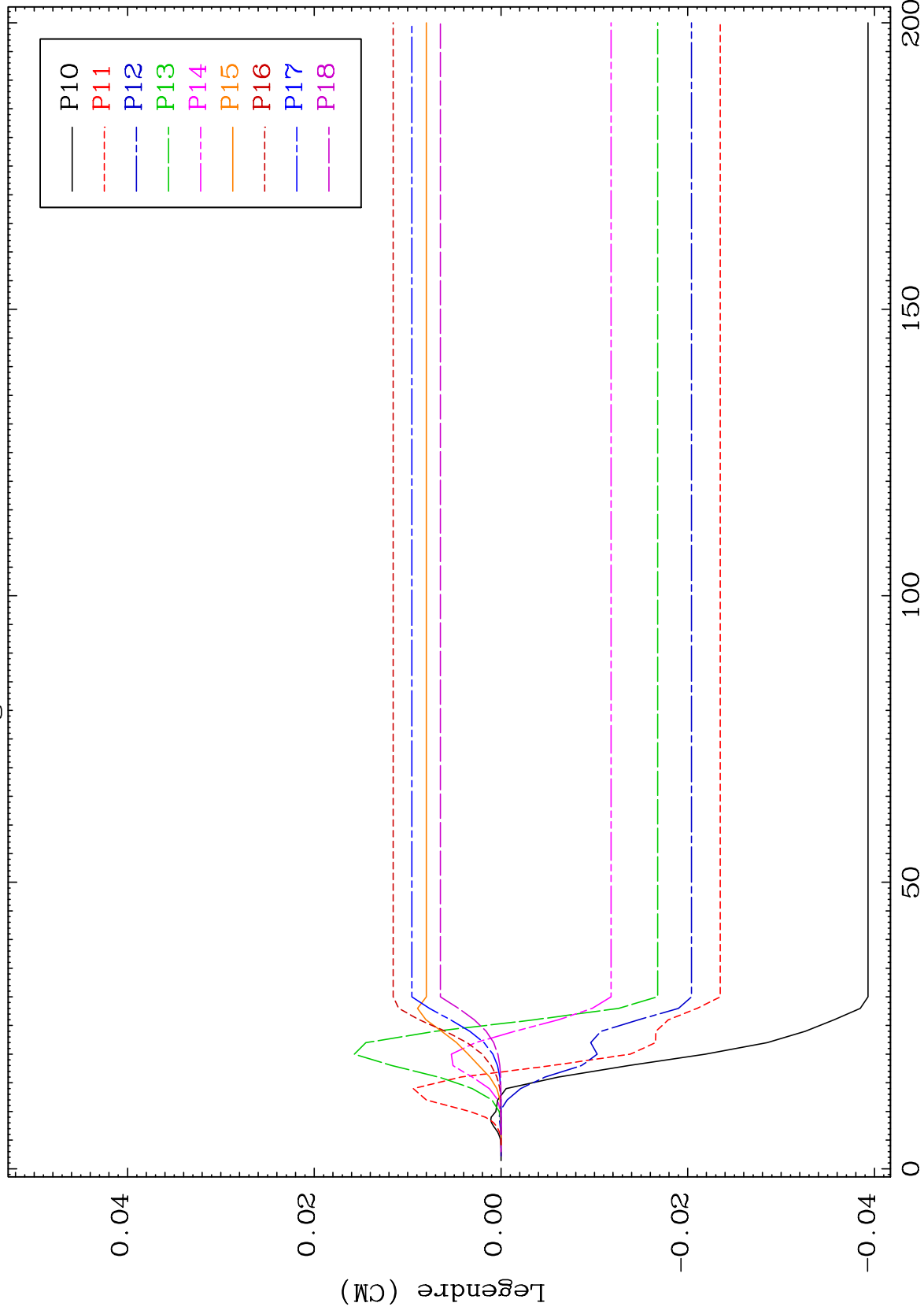


72

MAT 4128

924.3 keV (n,n') Level
Legendre Coefficients

41-Nb-94



73

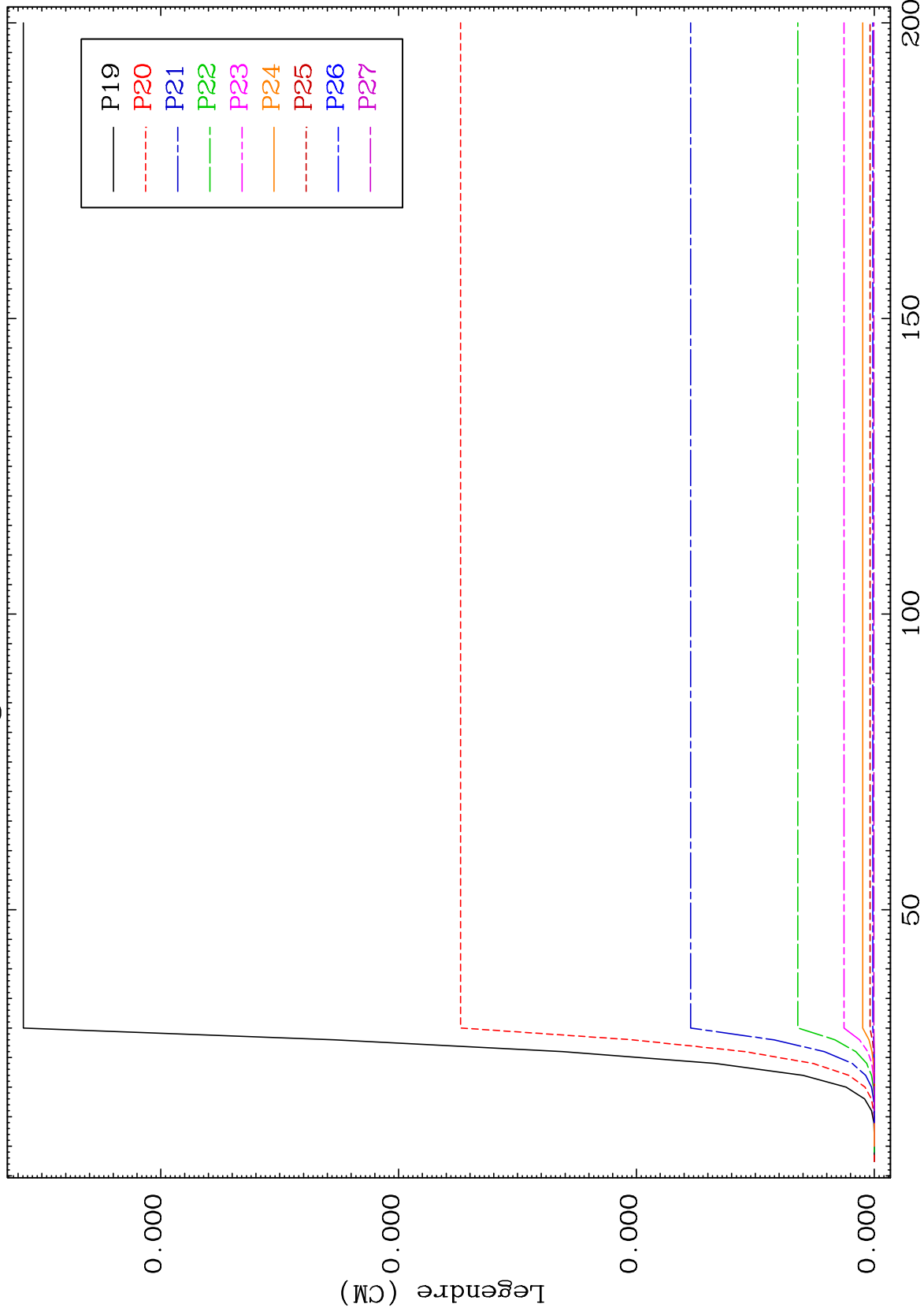
Incident Energy (MeV)

41-Nb-94

MAT 4128

924.3 keV (n,n') Level
Legendre Coefficients

41-Nb-94



74

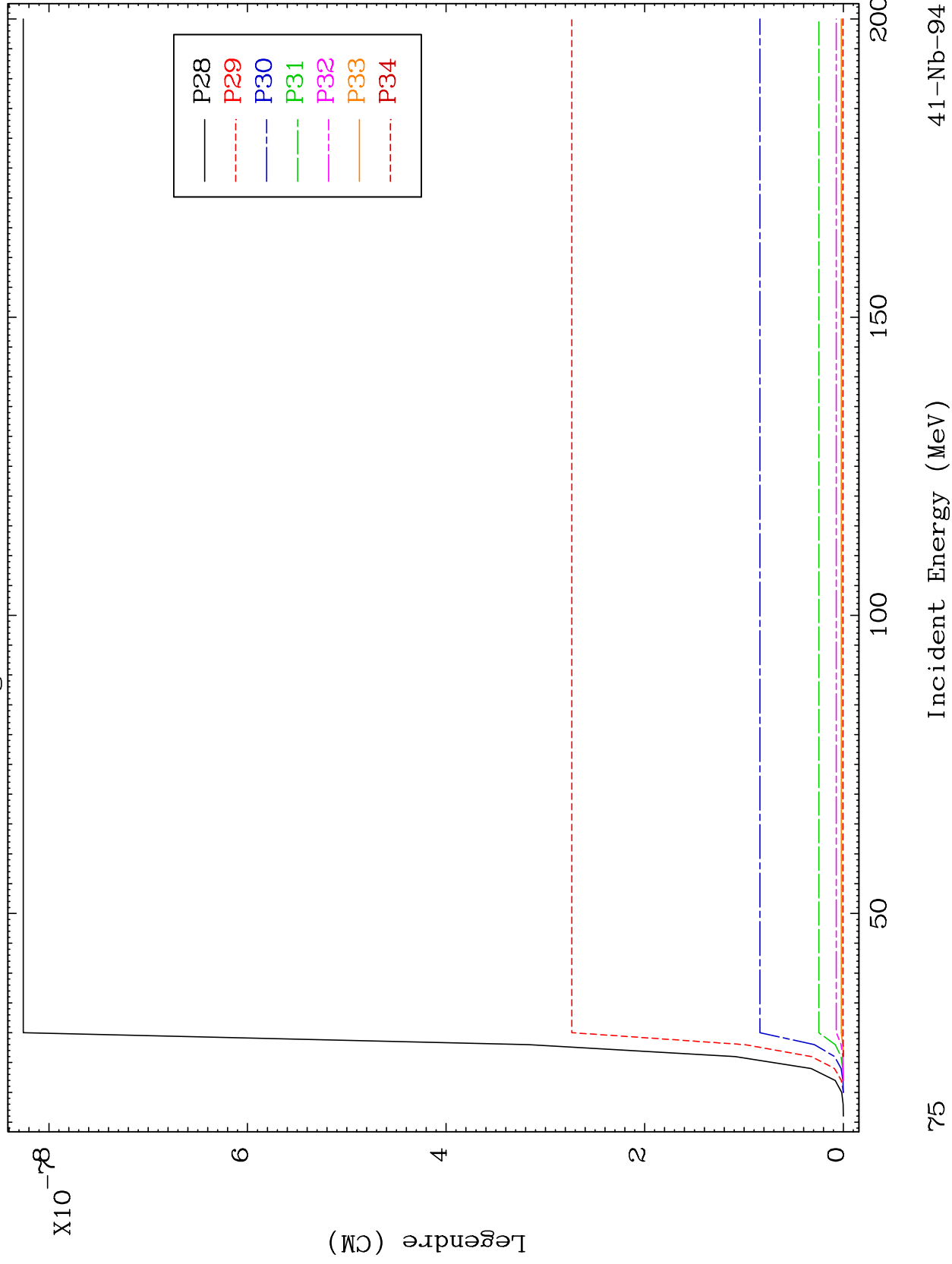
Incident Energy (MeV)

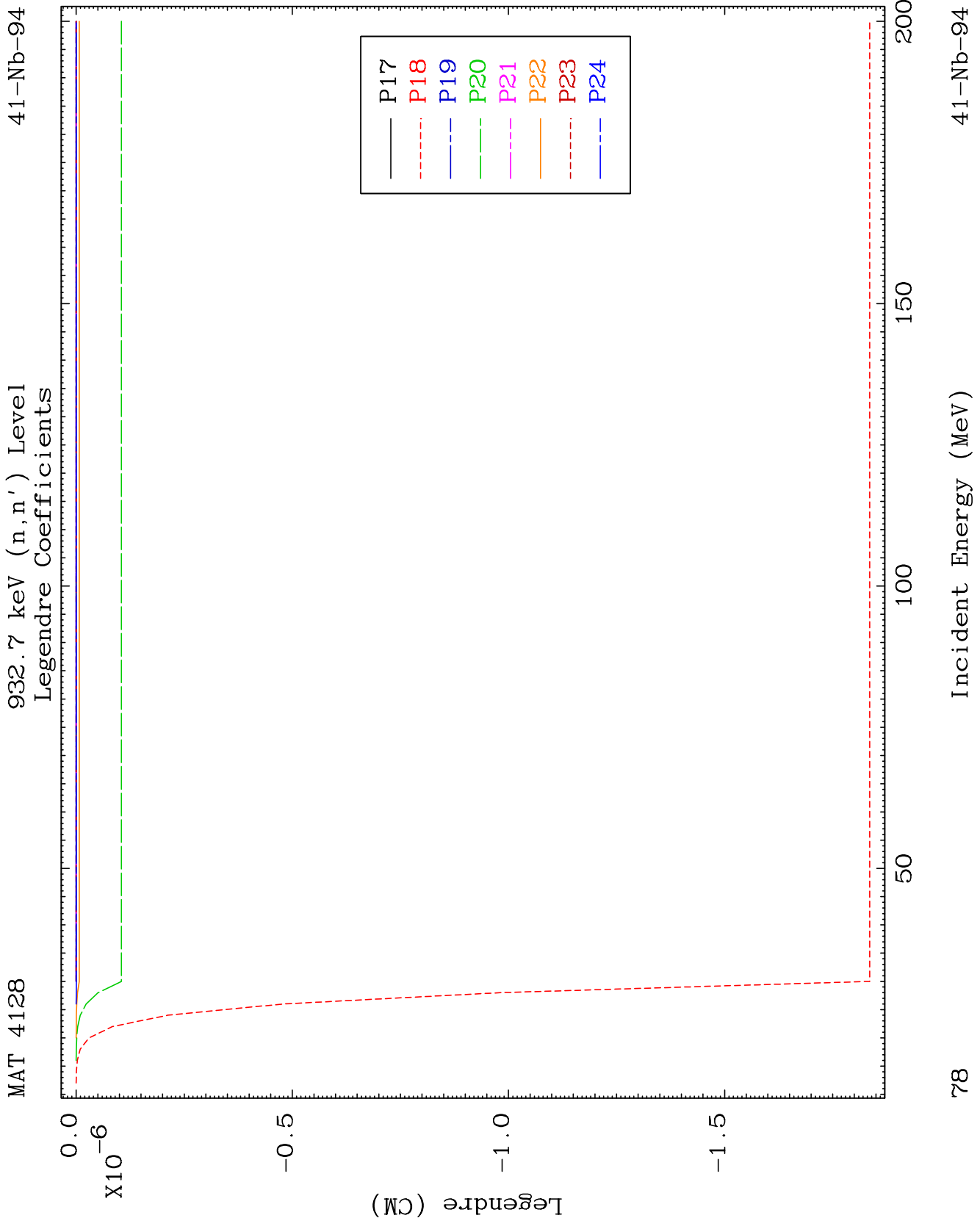
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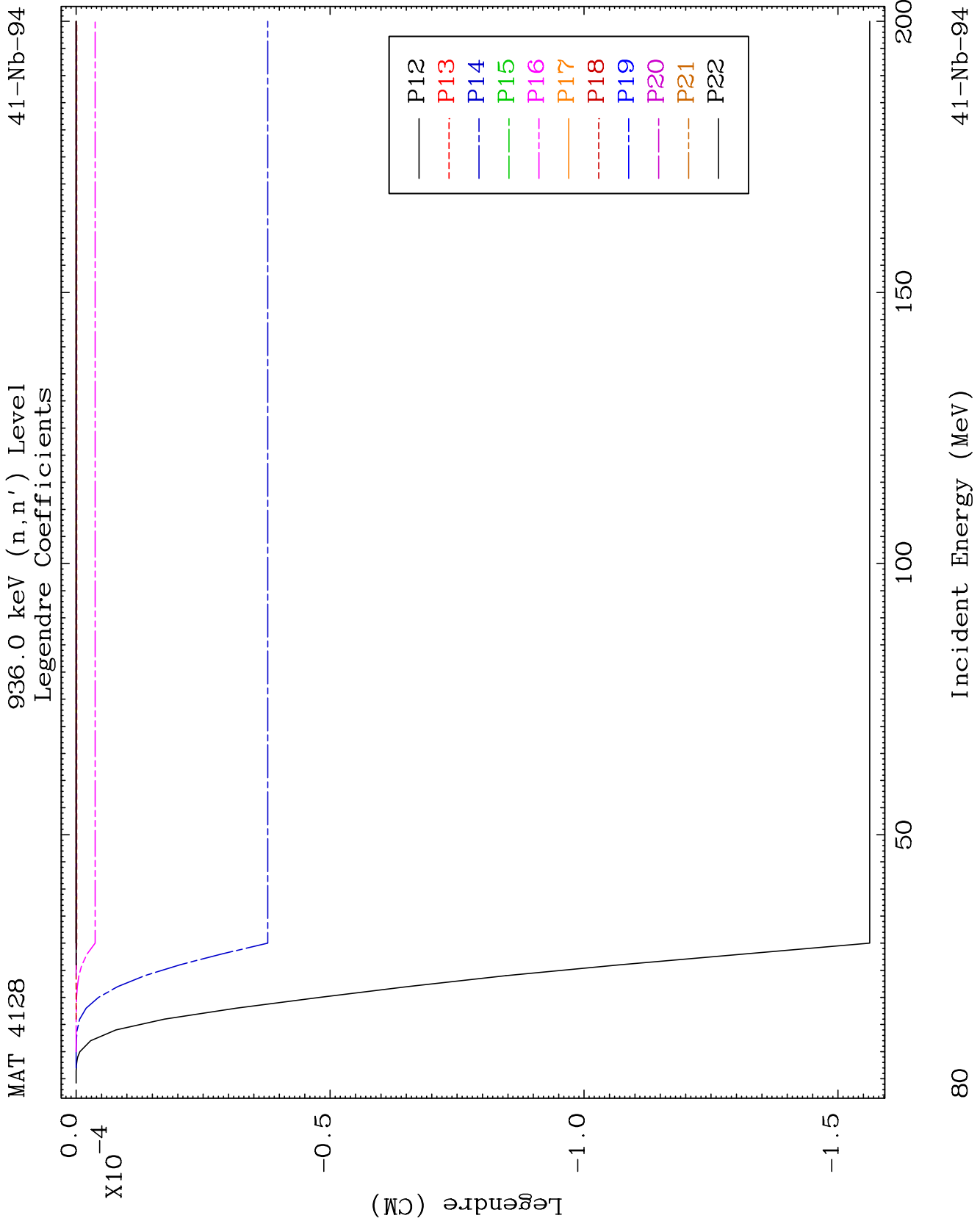
MAT 4128

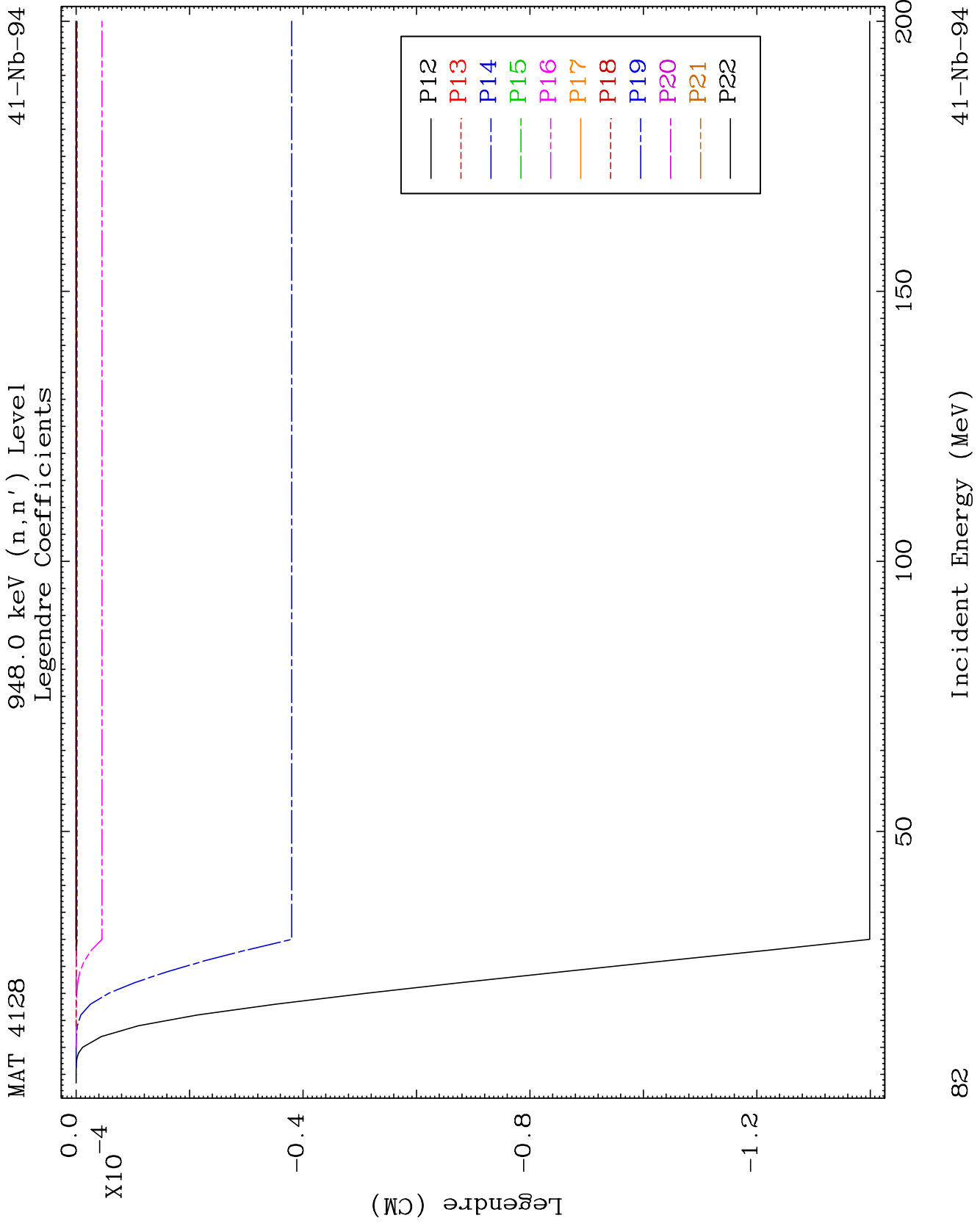
924.3 keV (n,n') Level
Legendre Coefficients

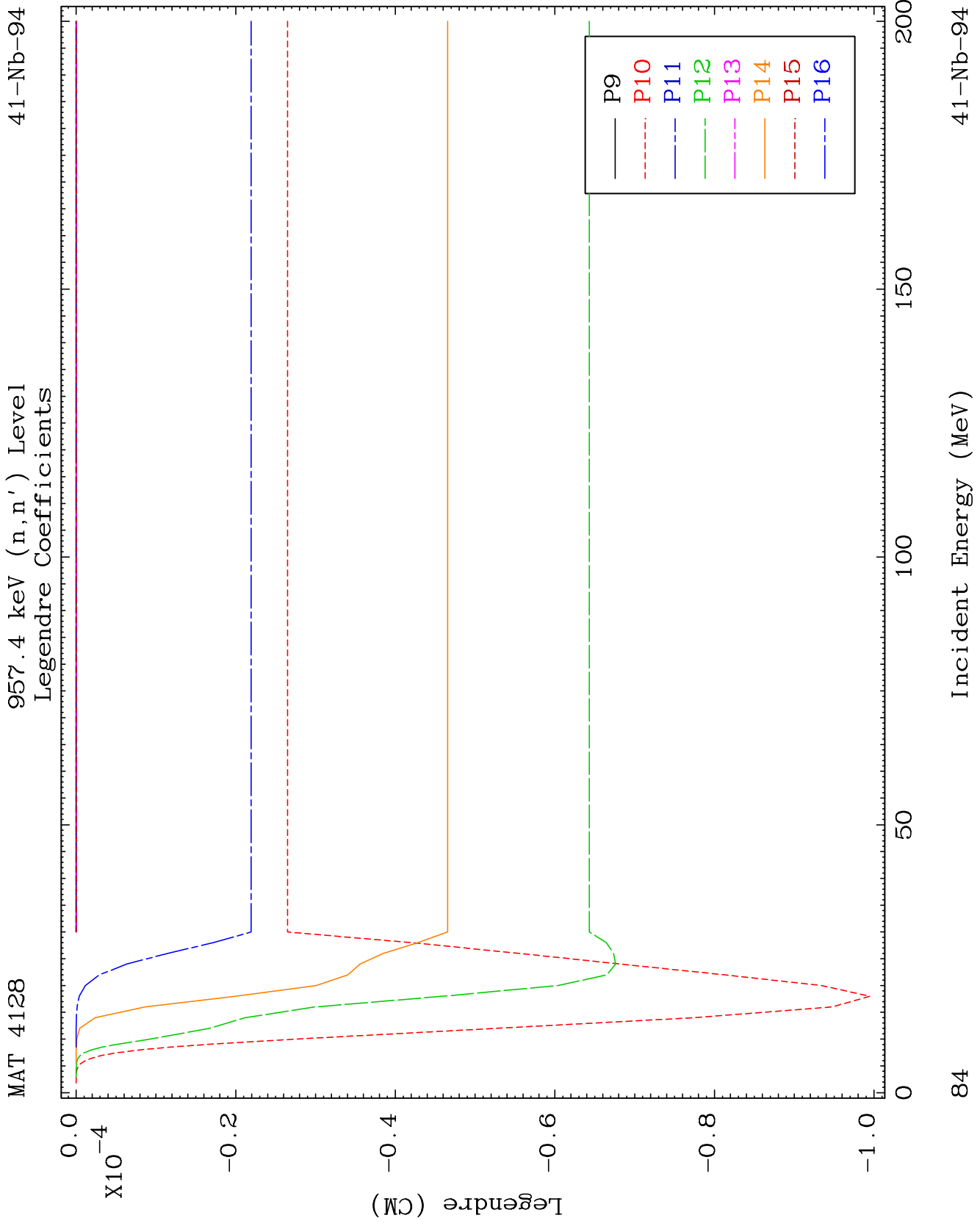
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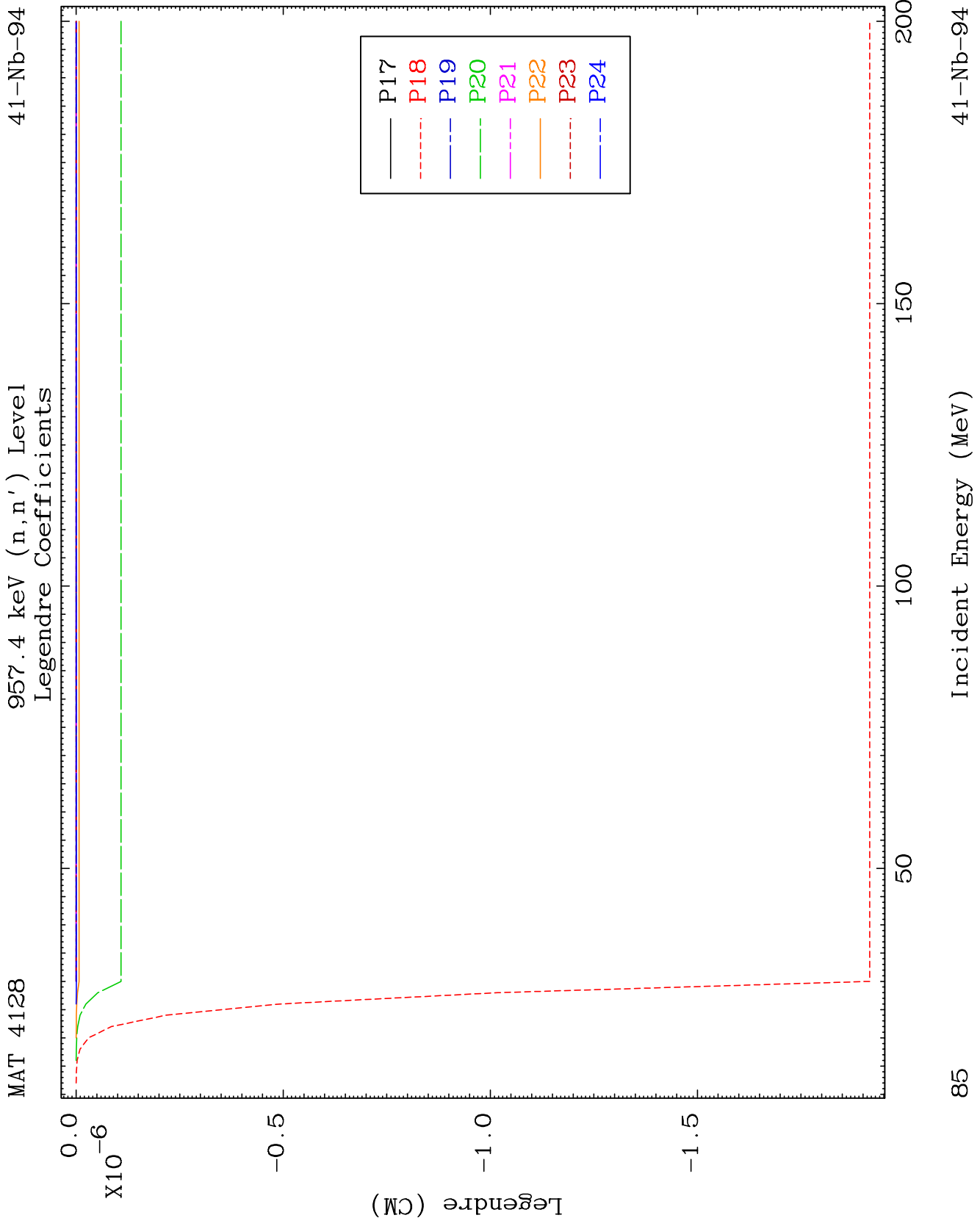








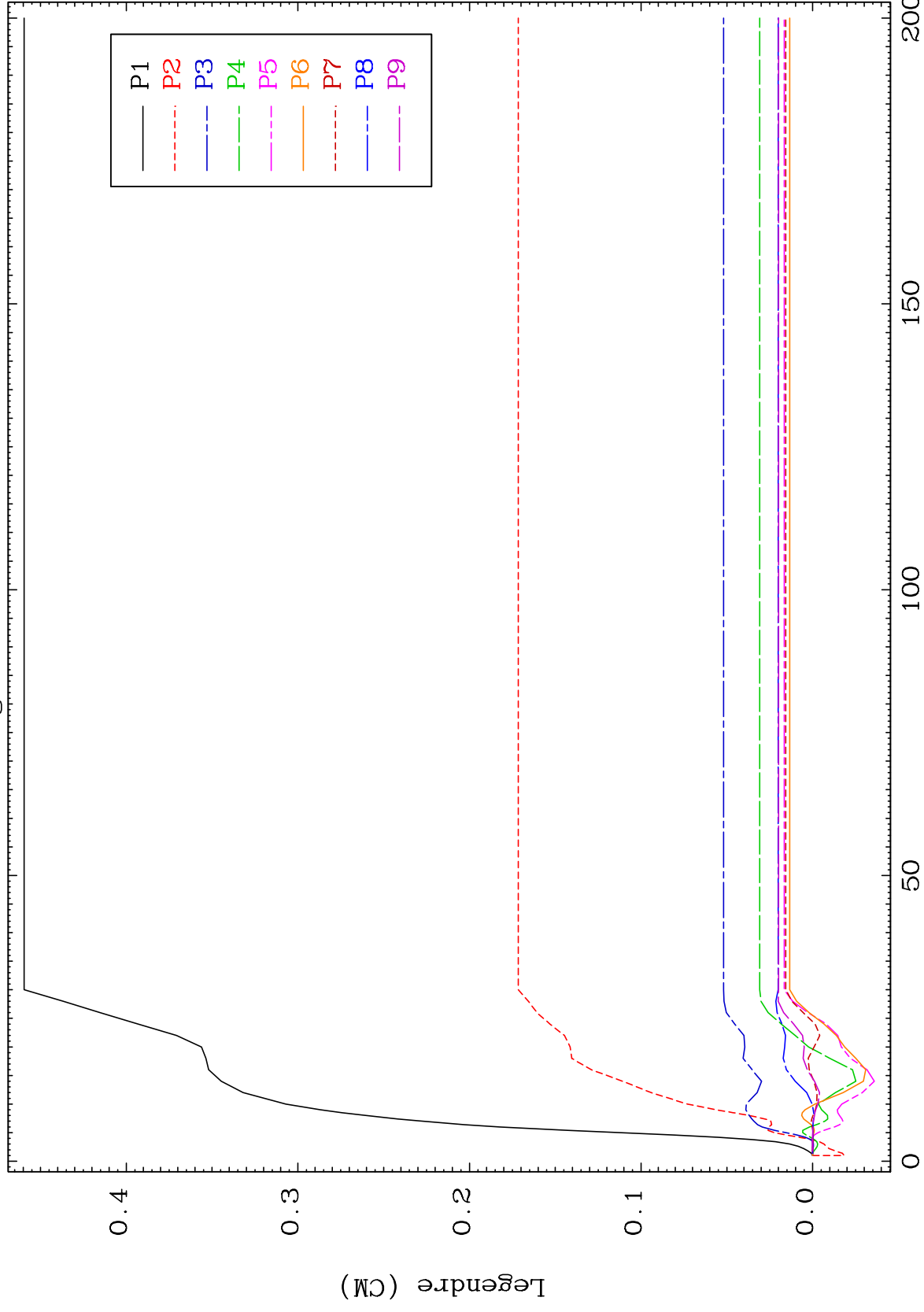




MAT 4128

970.2 keV (n,n') Level
Legendre Coefficients

41-Nb-94



86

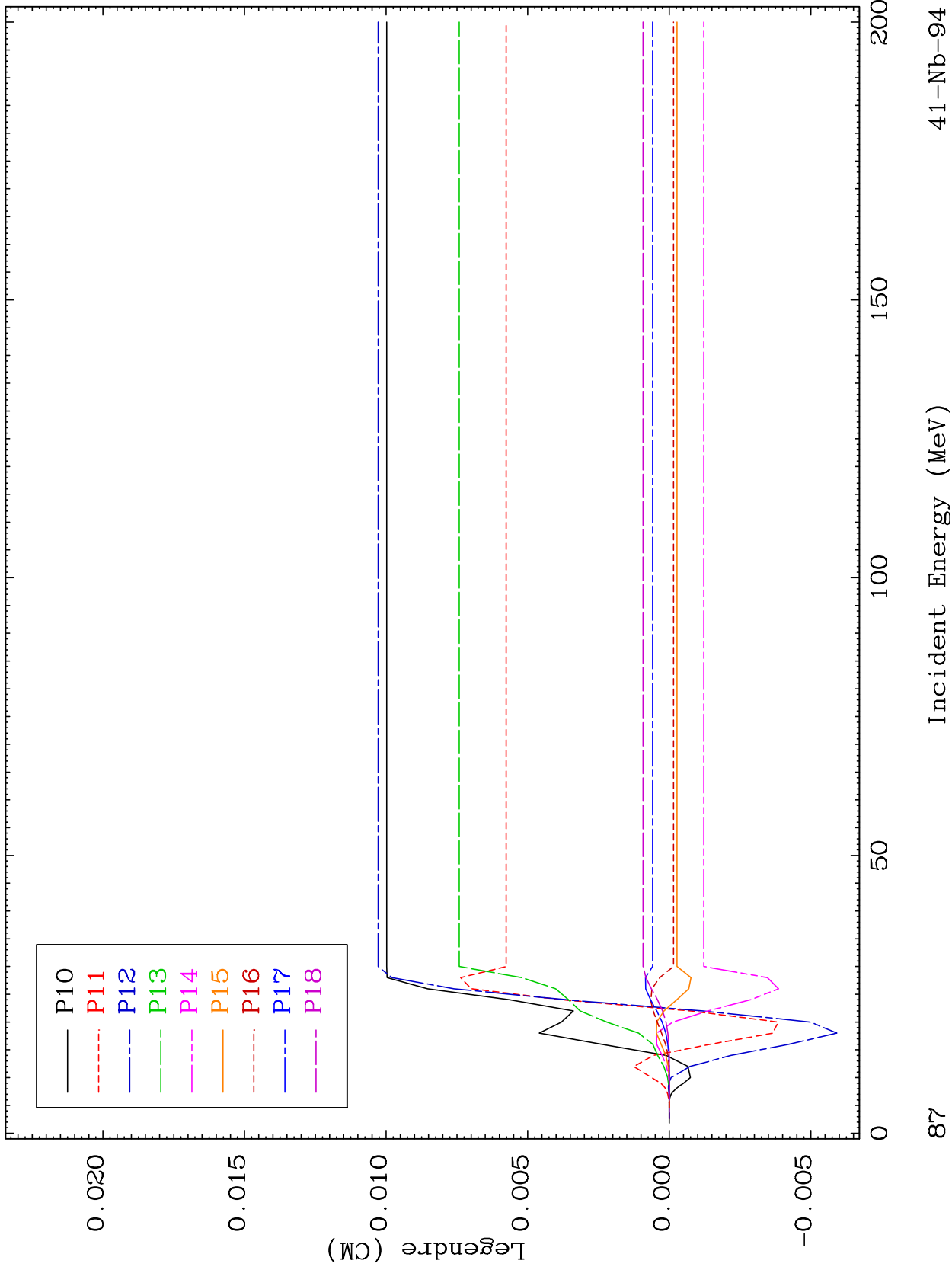
Incident Energy (MeV)

41-Nb-94

MAT 4128

970.2 keV (n,n') Level
Legendre Coefficients

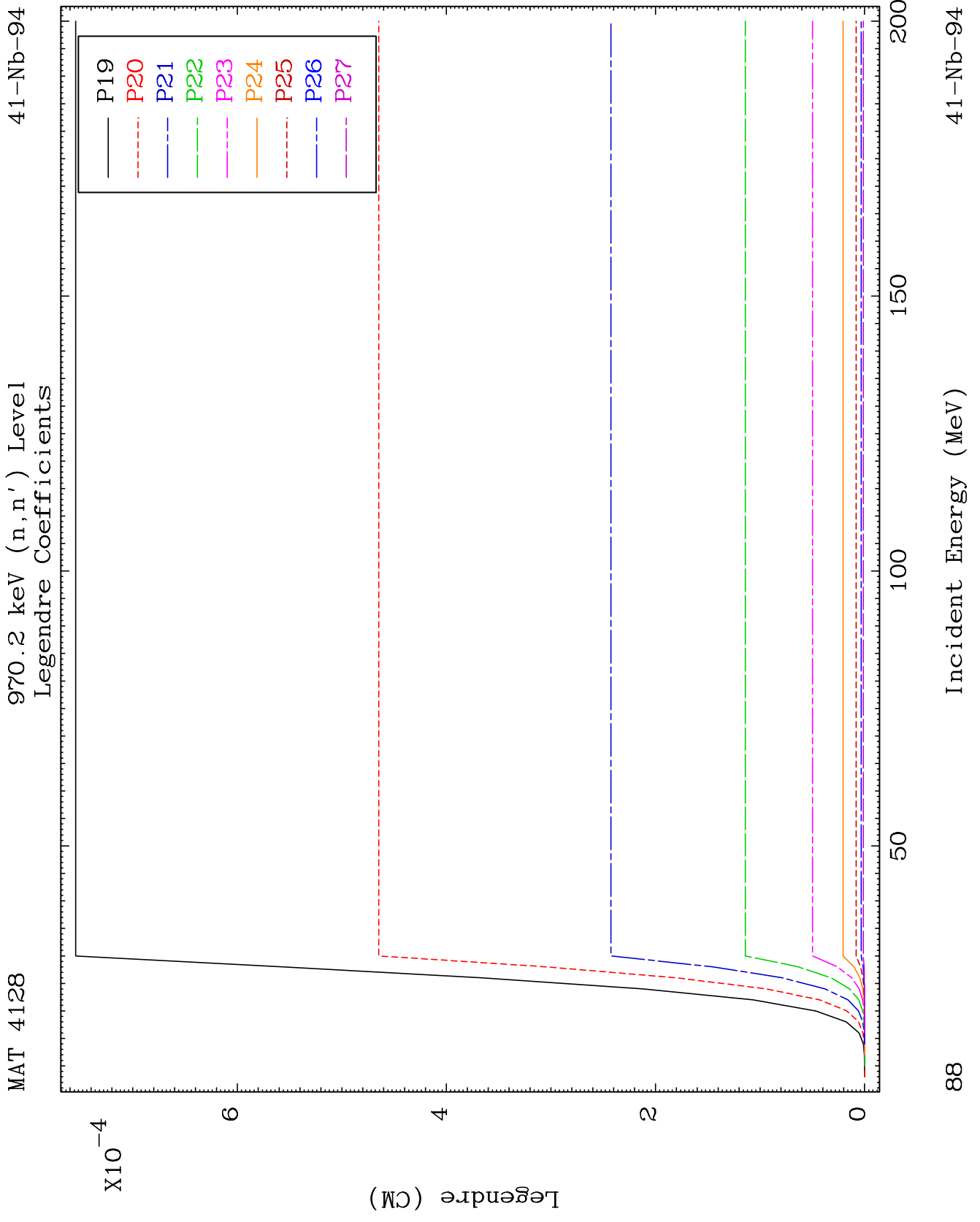
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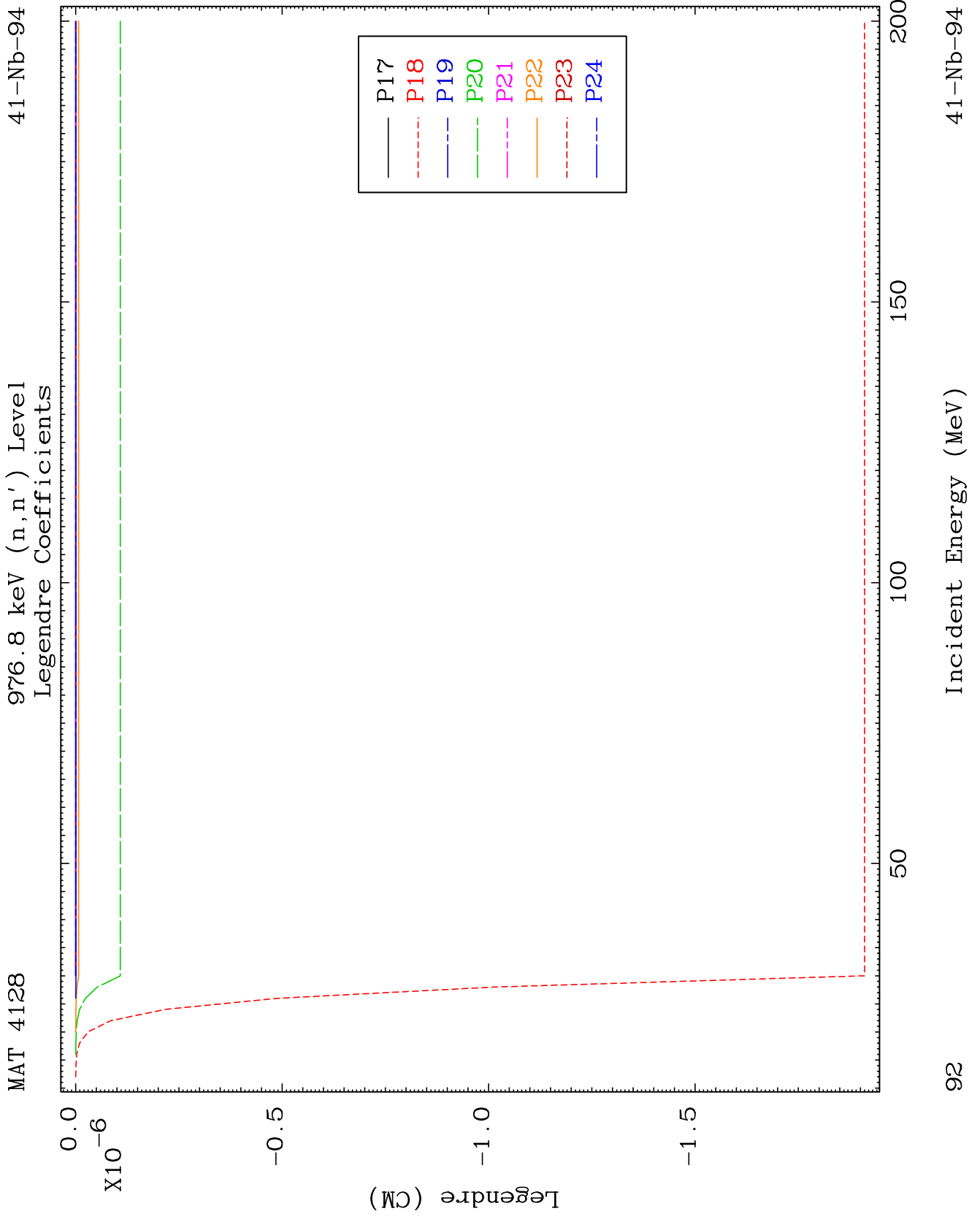


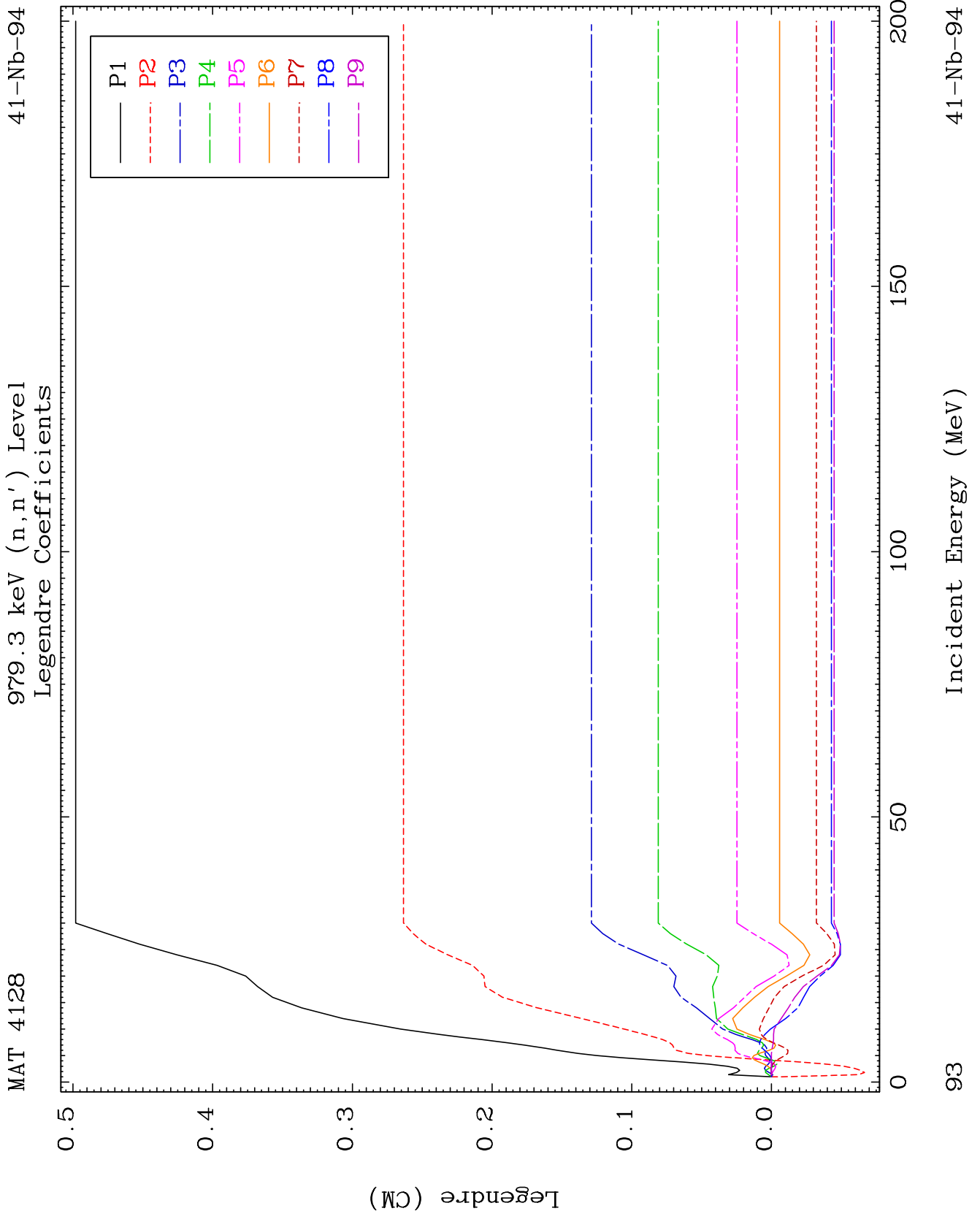
87

Incident Energy (MeV)

41-Nb-94



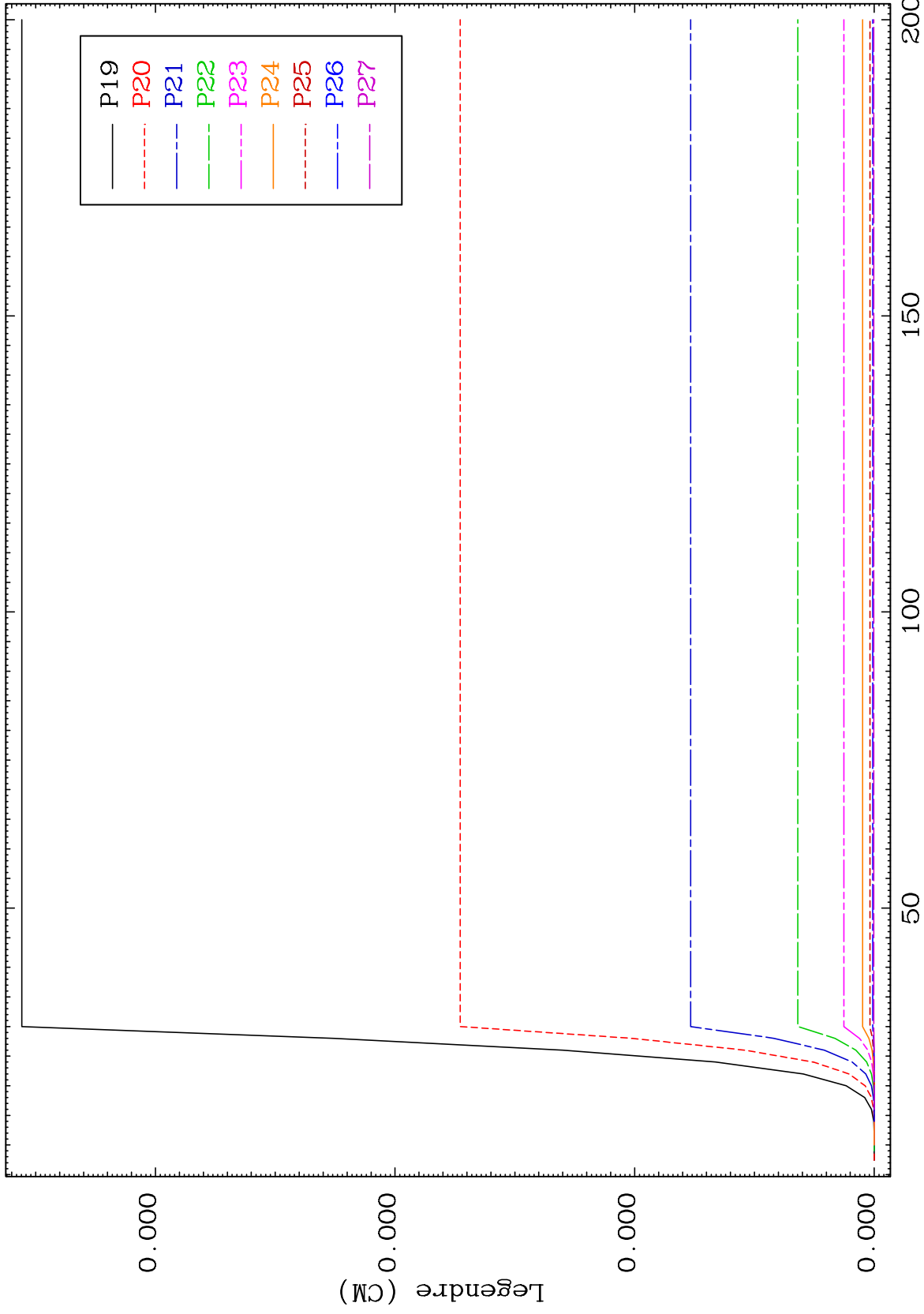




MAT 4128

979.3 keV (n,n') Level
Legendre Coefficients

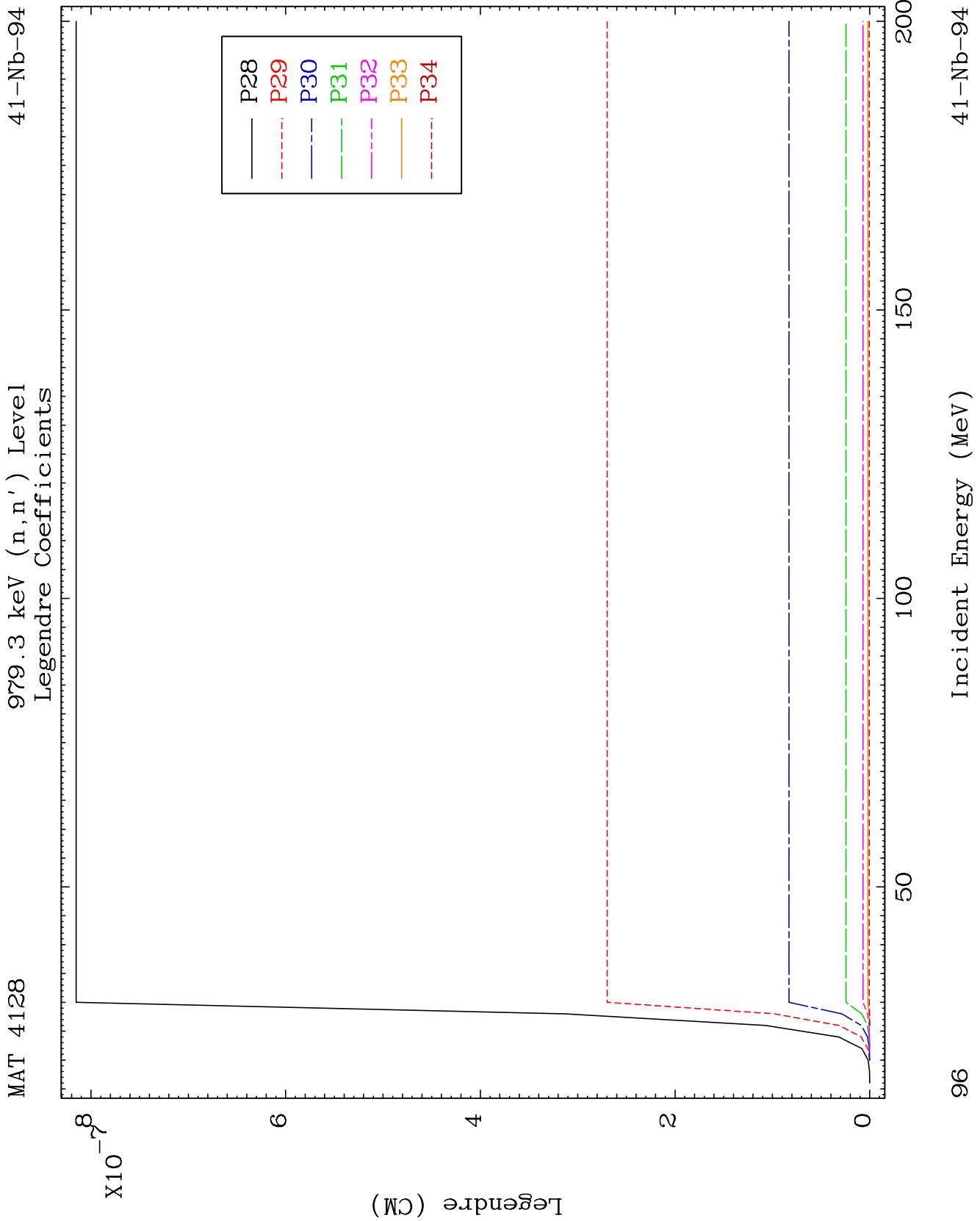
41-Nb-94



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Incident Energy (MeV)

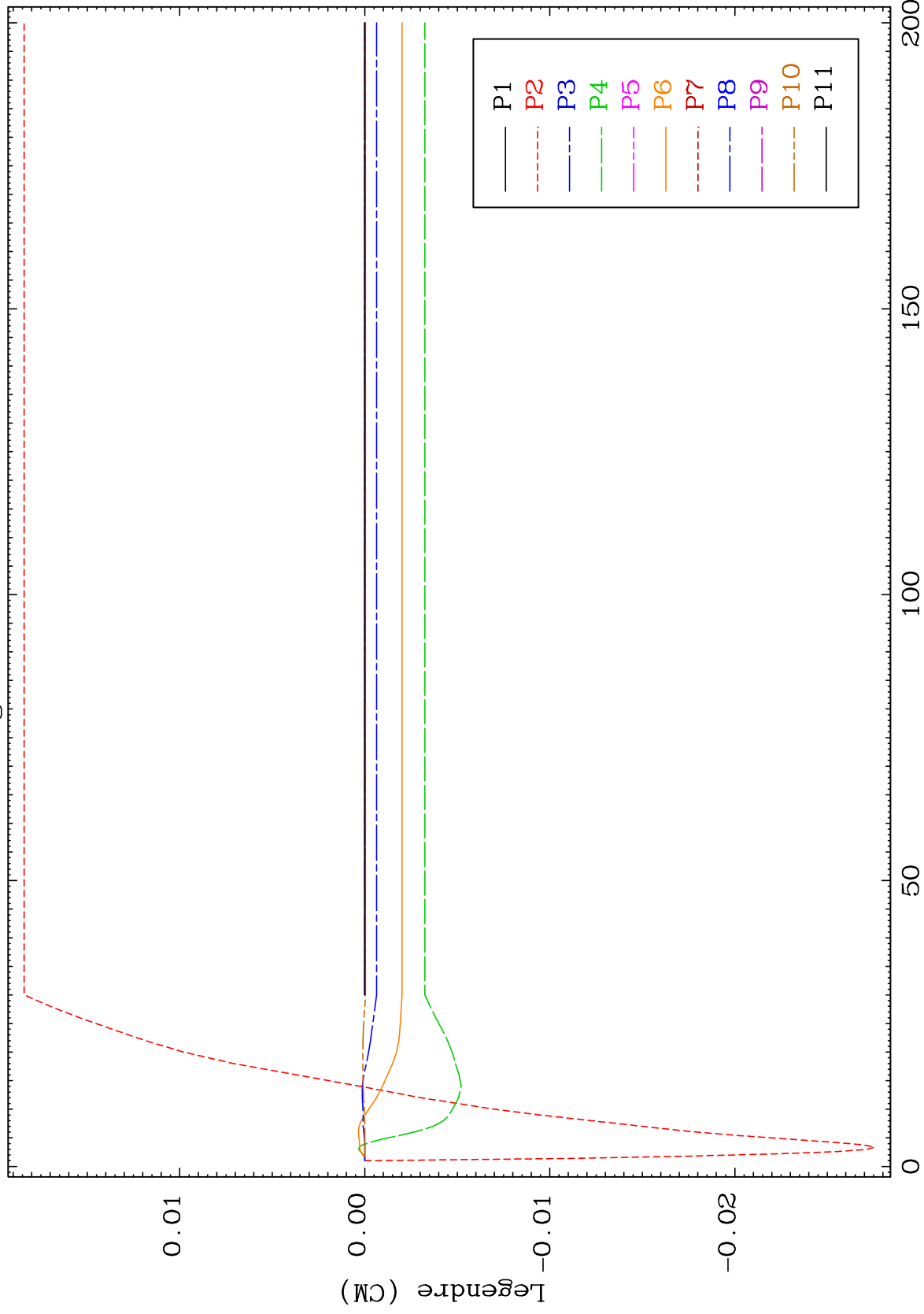
41-Nb-94



MAT 4128

991.3 keV (n,n') Level
Legendre Coefficients

41-Nb-94



97

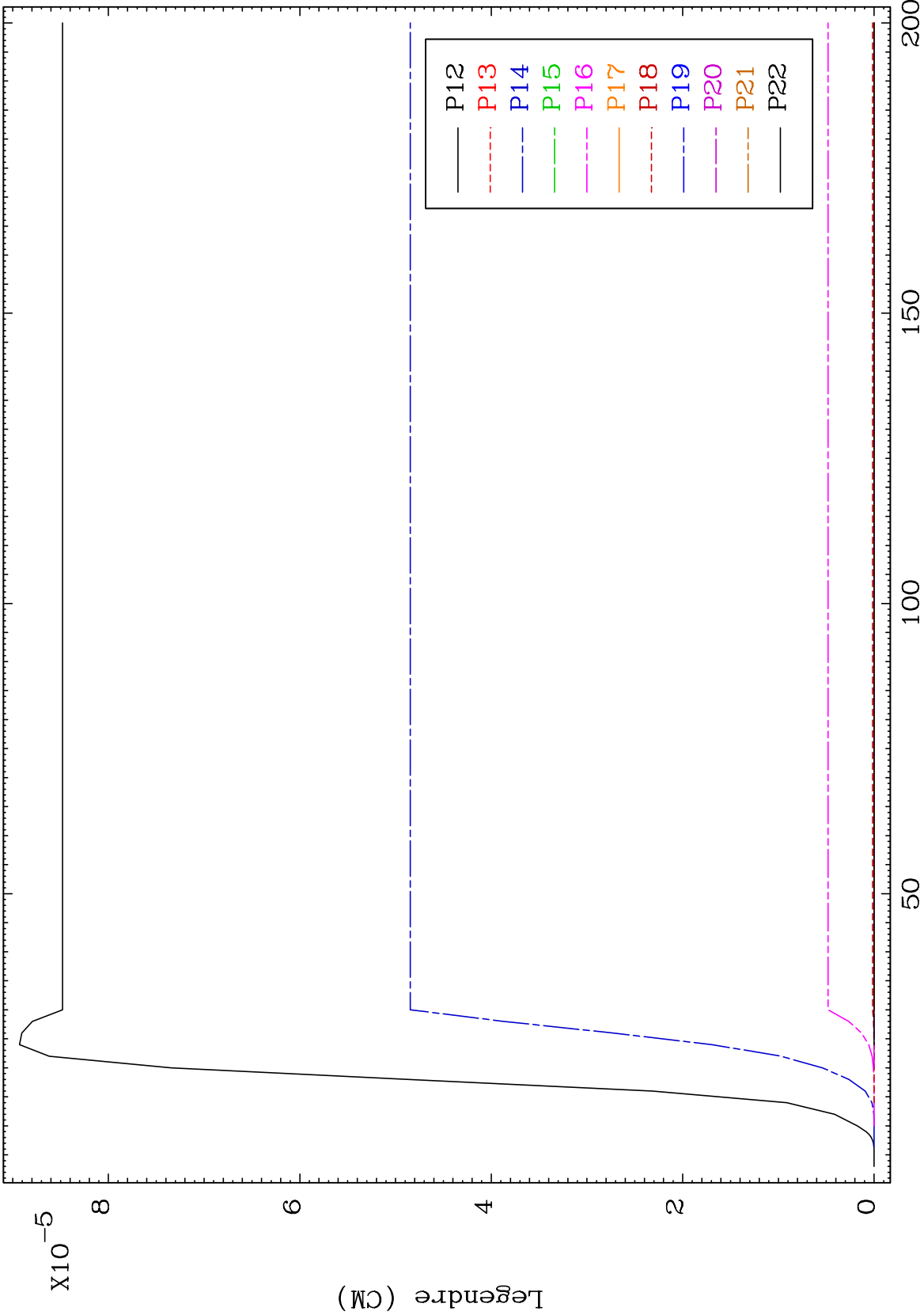
Incident Energy (MeV)

41-Nb-94

MAT 4128

991.3 keV (n,n') Level
Legendre Coefficients

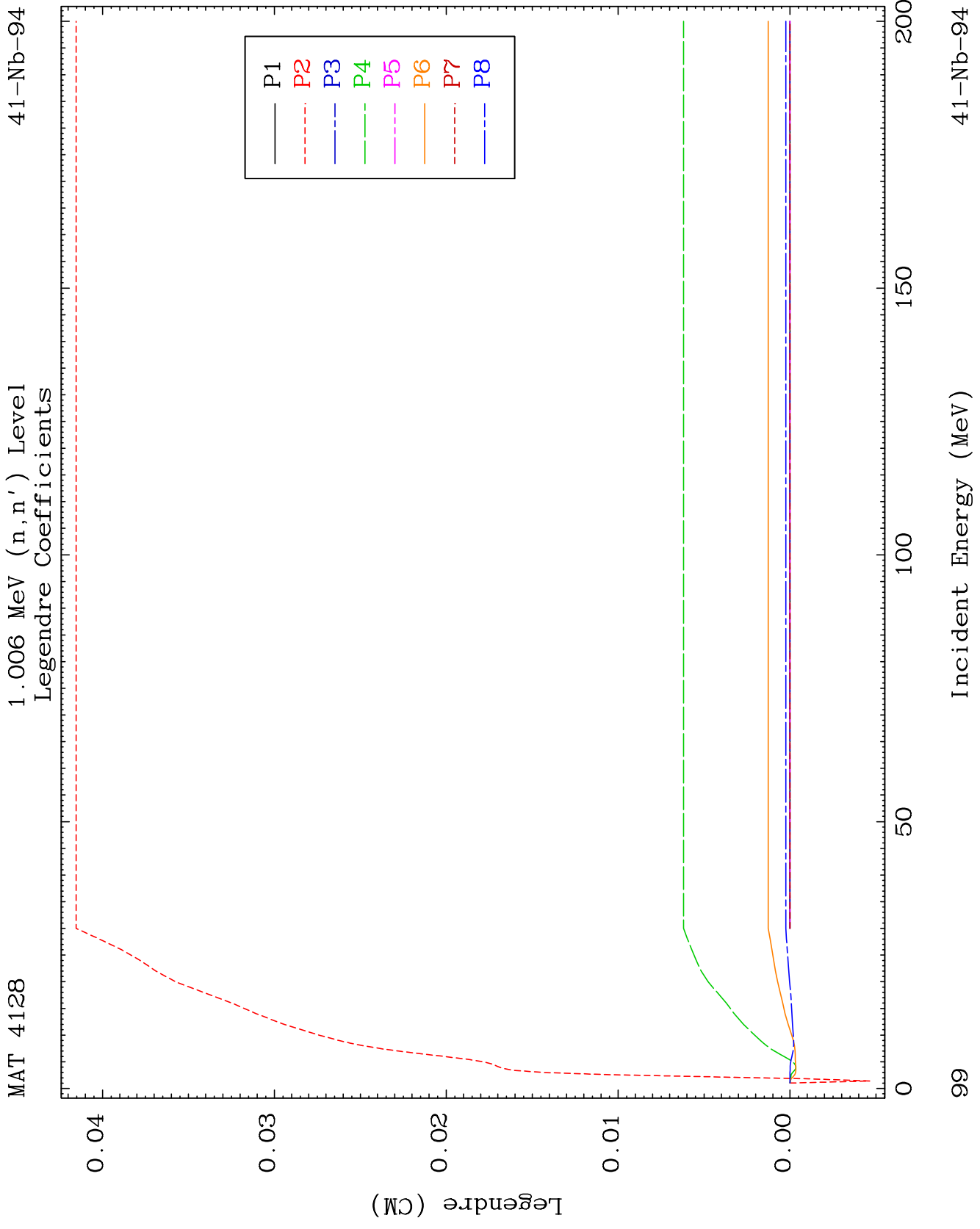
41-Nb-94

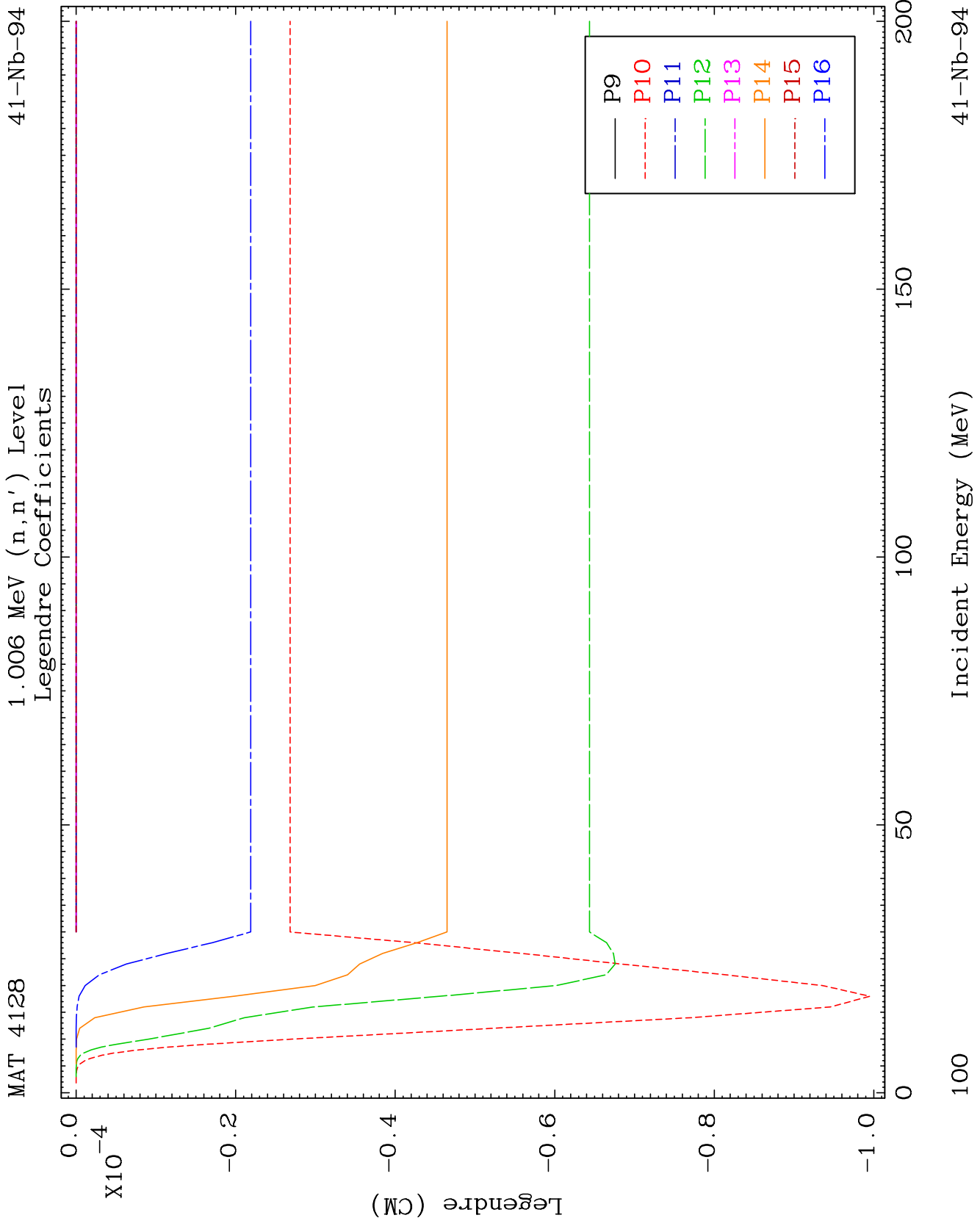


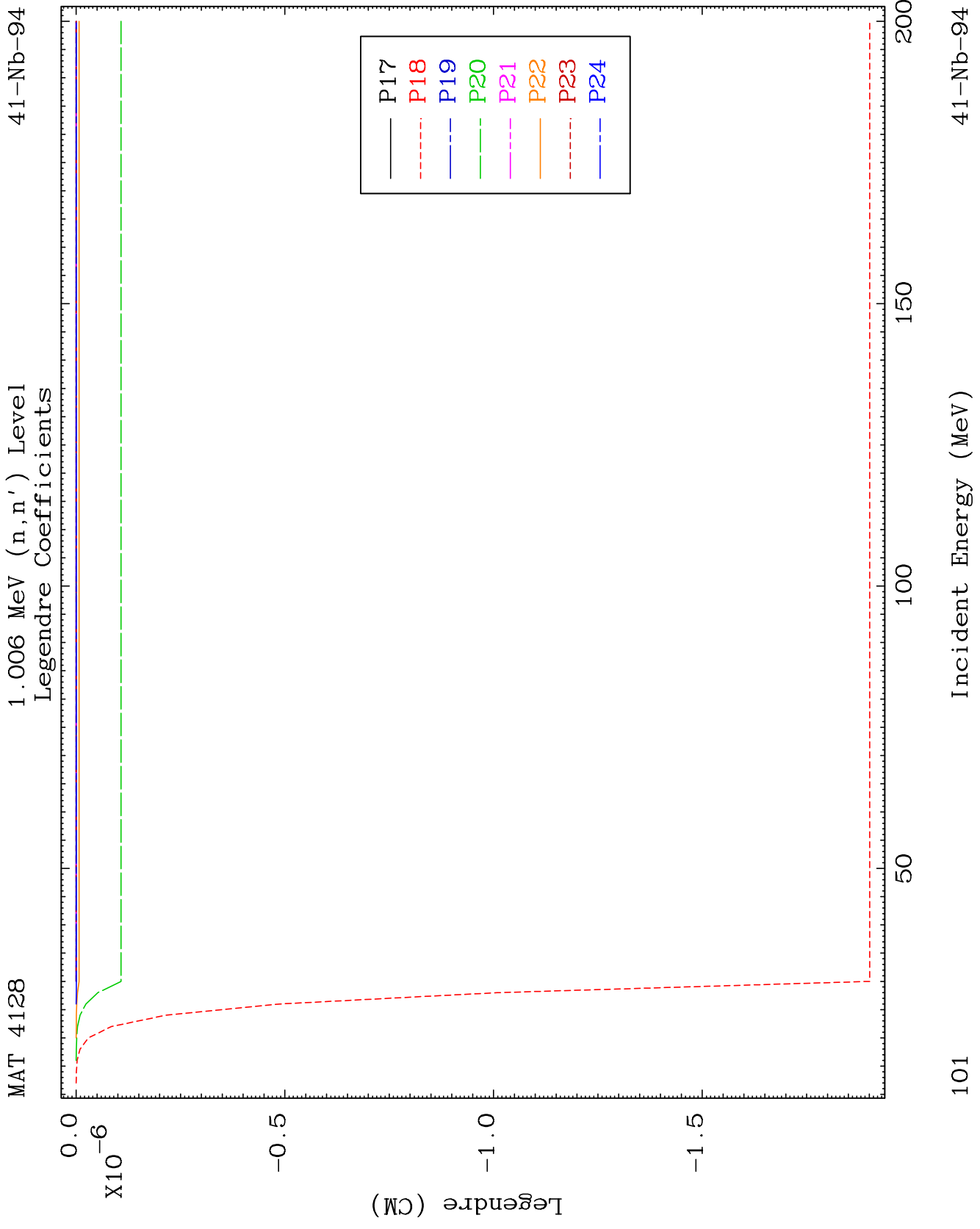
98

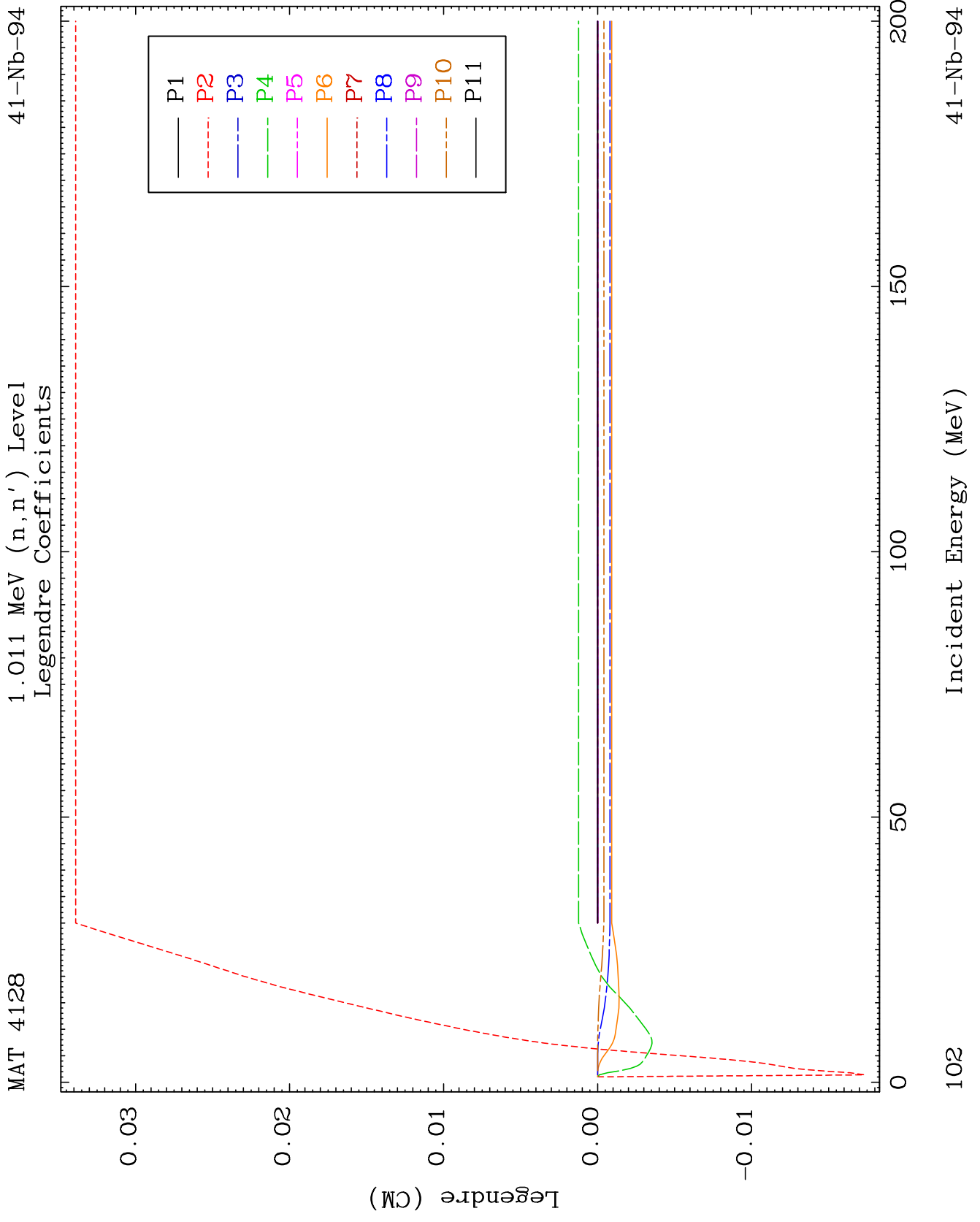
Incident Energy (MeV)

41-Nb-94





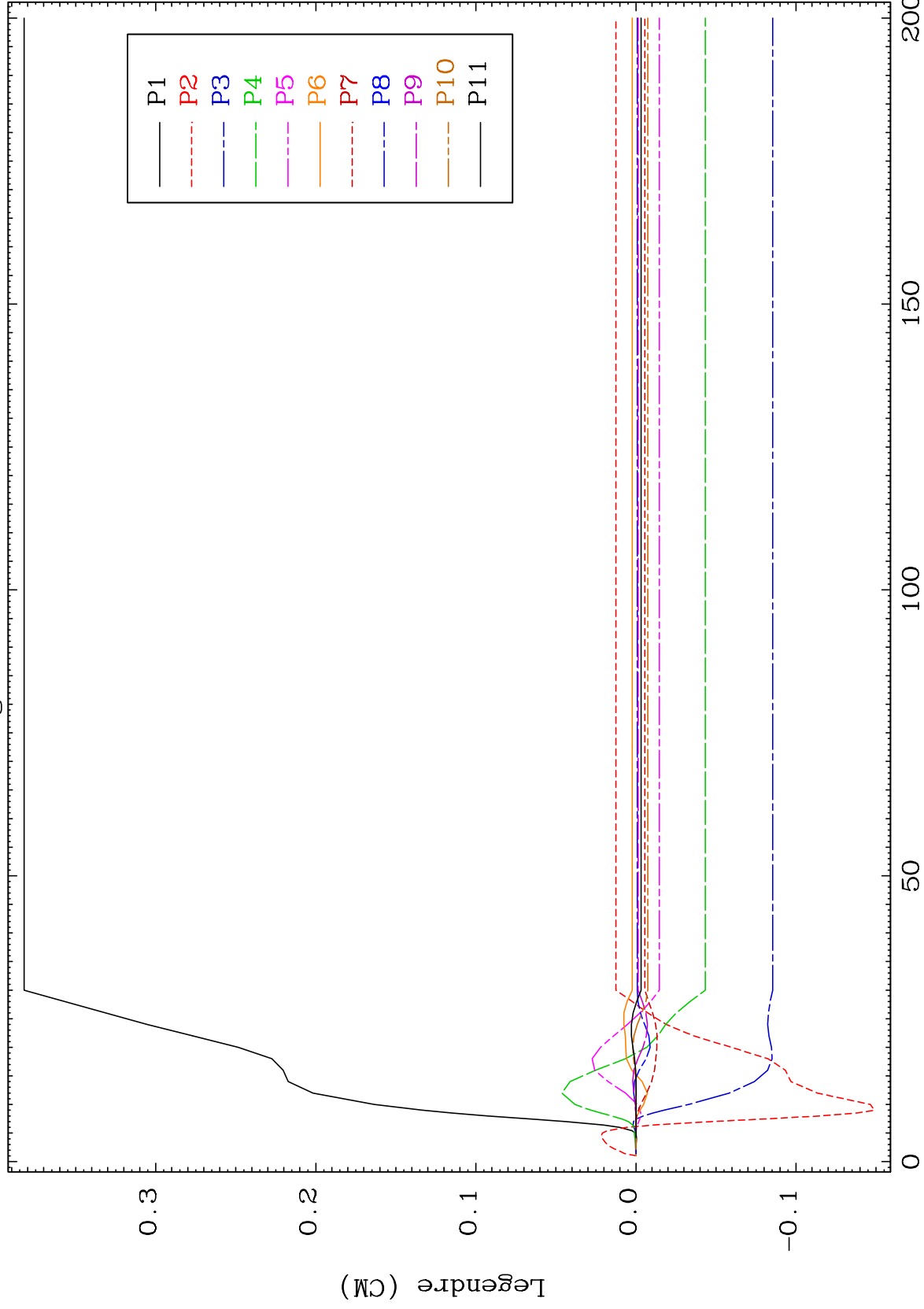




MAT 4128

1.023 MeV (n,n') Level
Legendre Coefficients

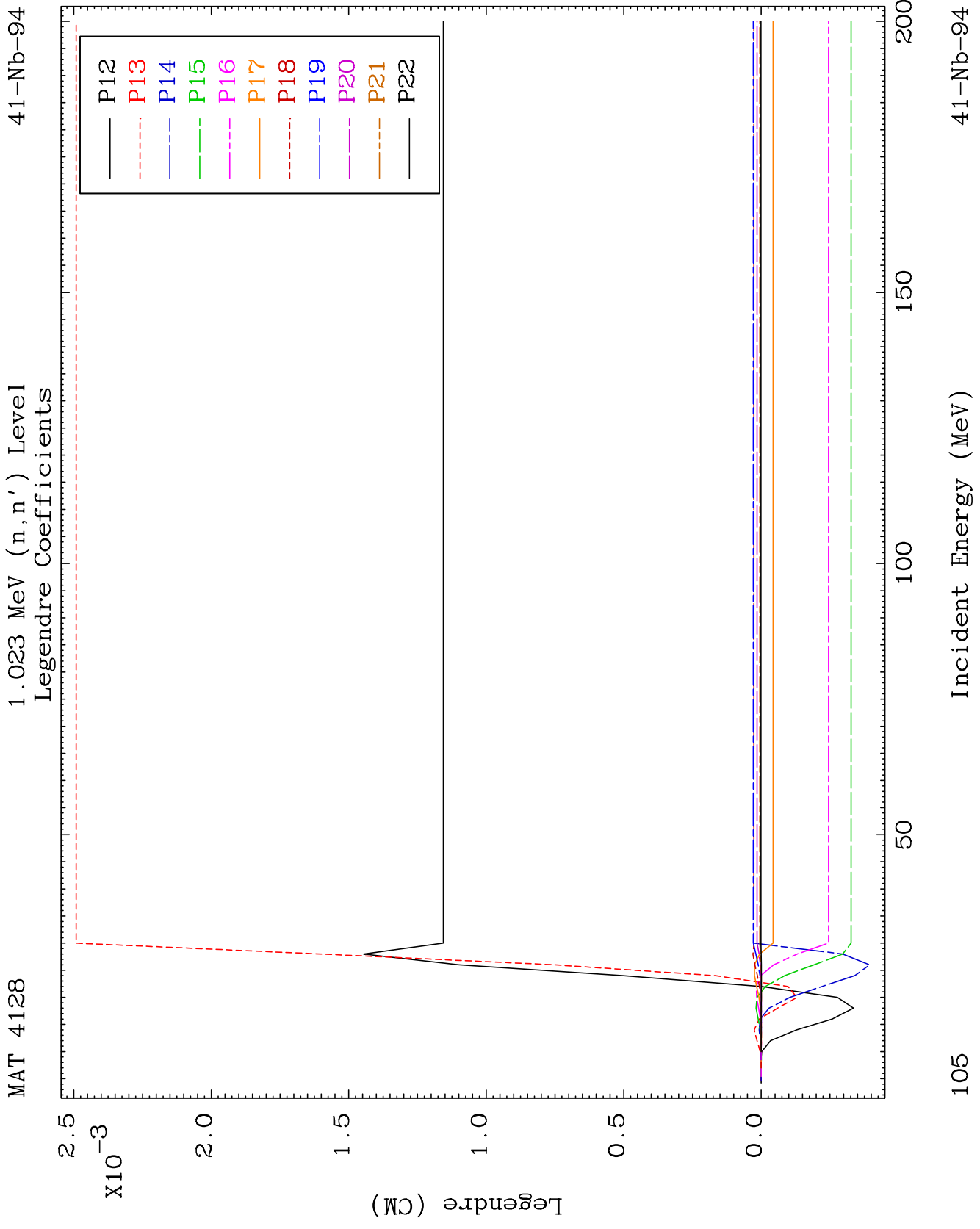
41-Nb-94

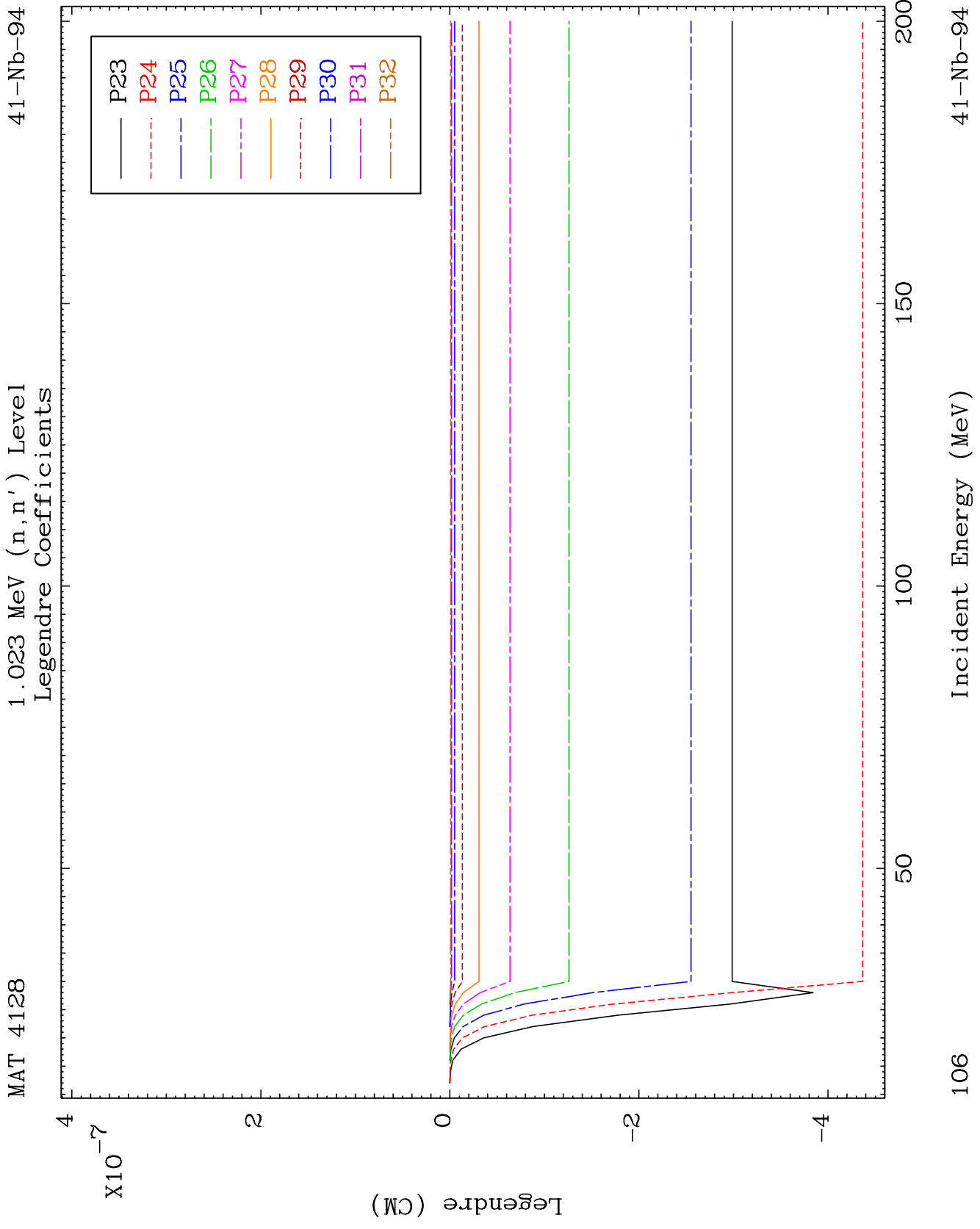


104

Incident Energy (MeV)

41-Nb-94

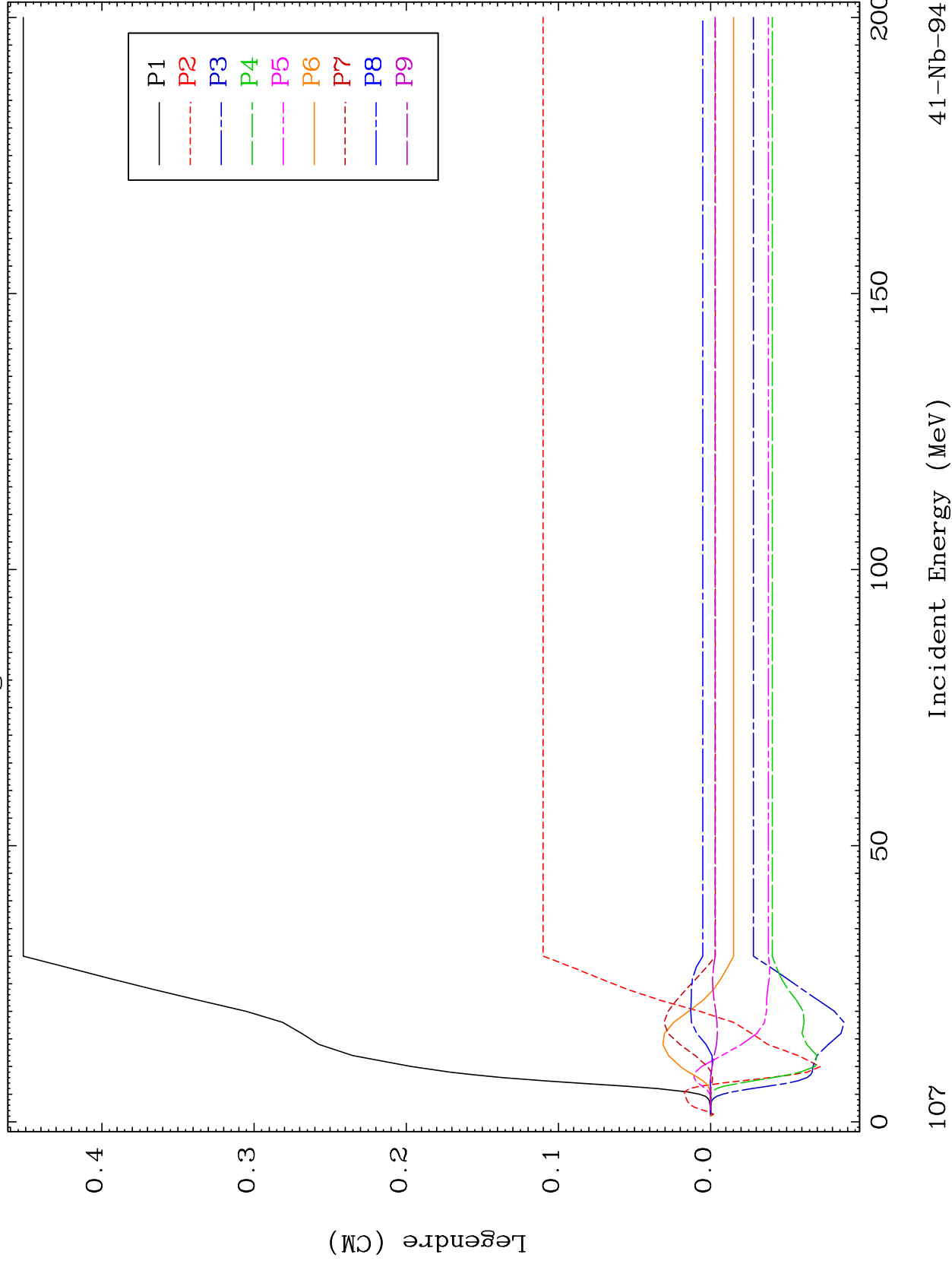


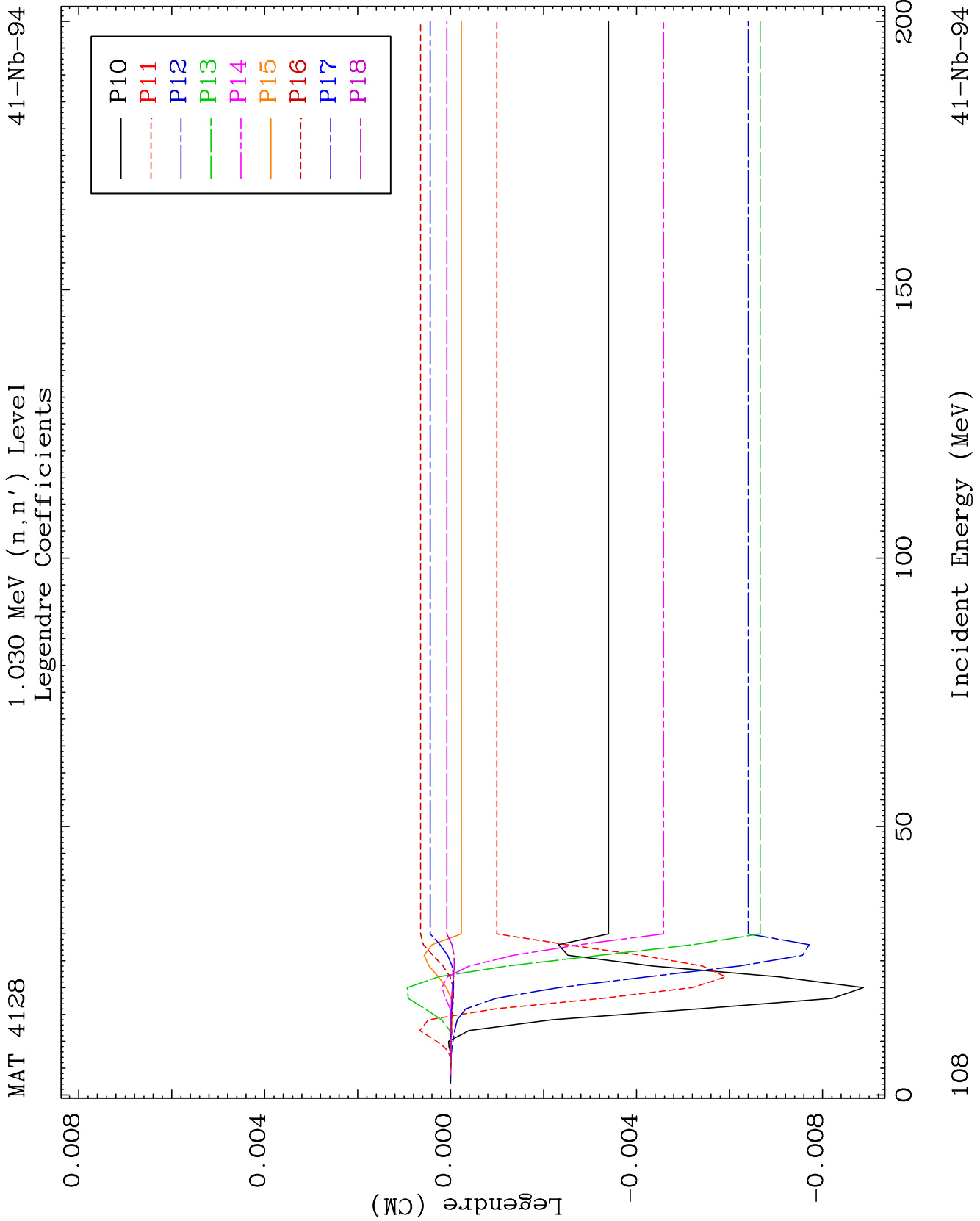


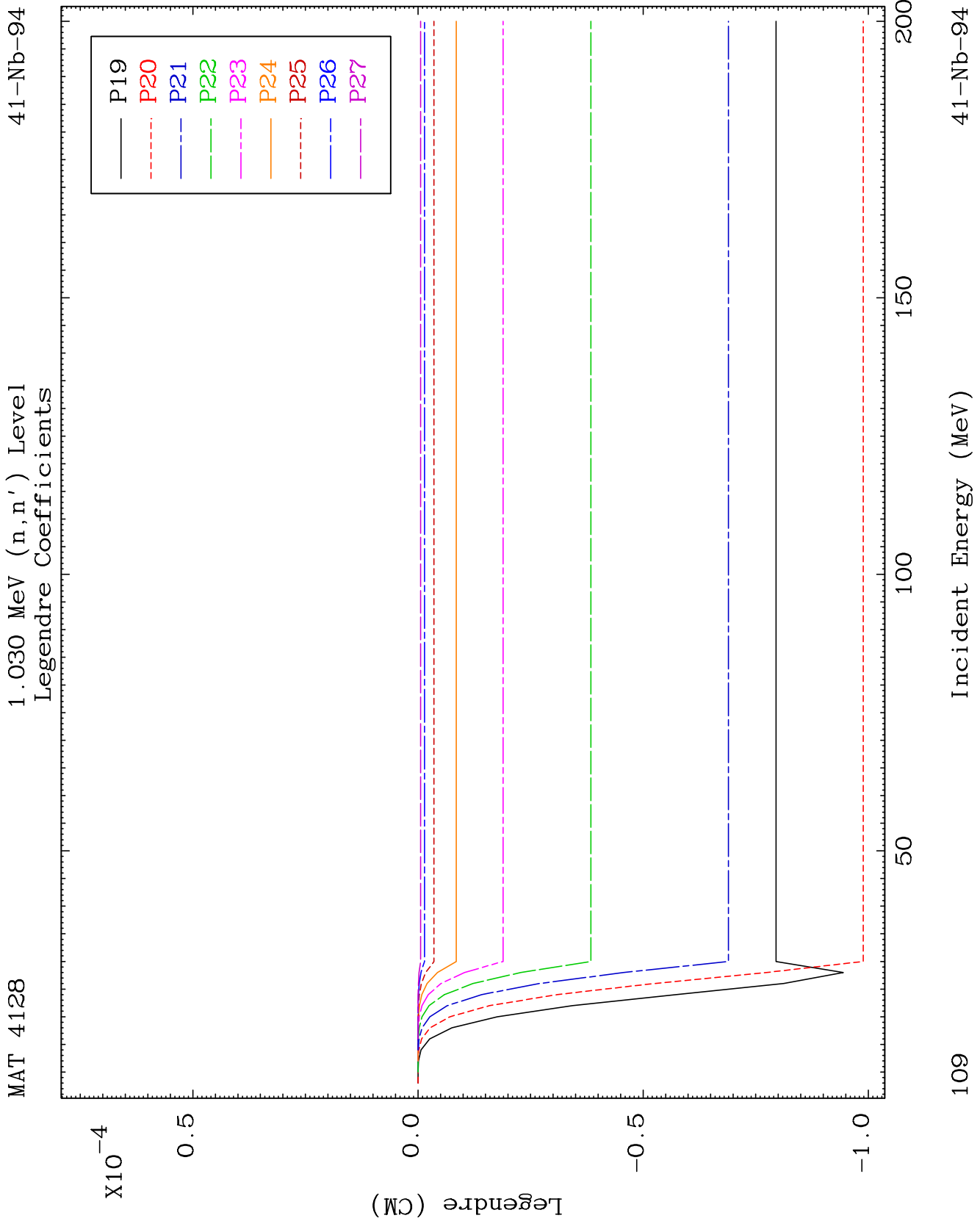
MAT 4128

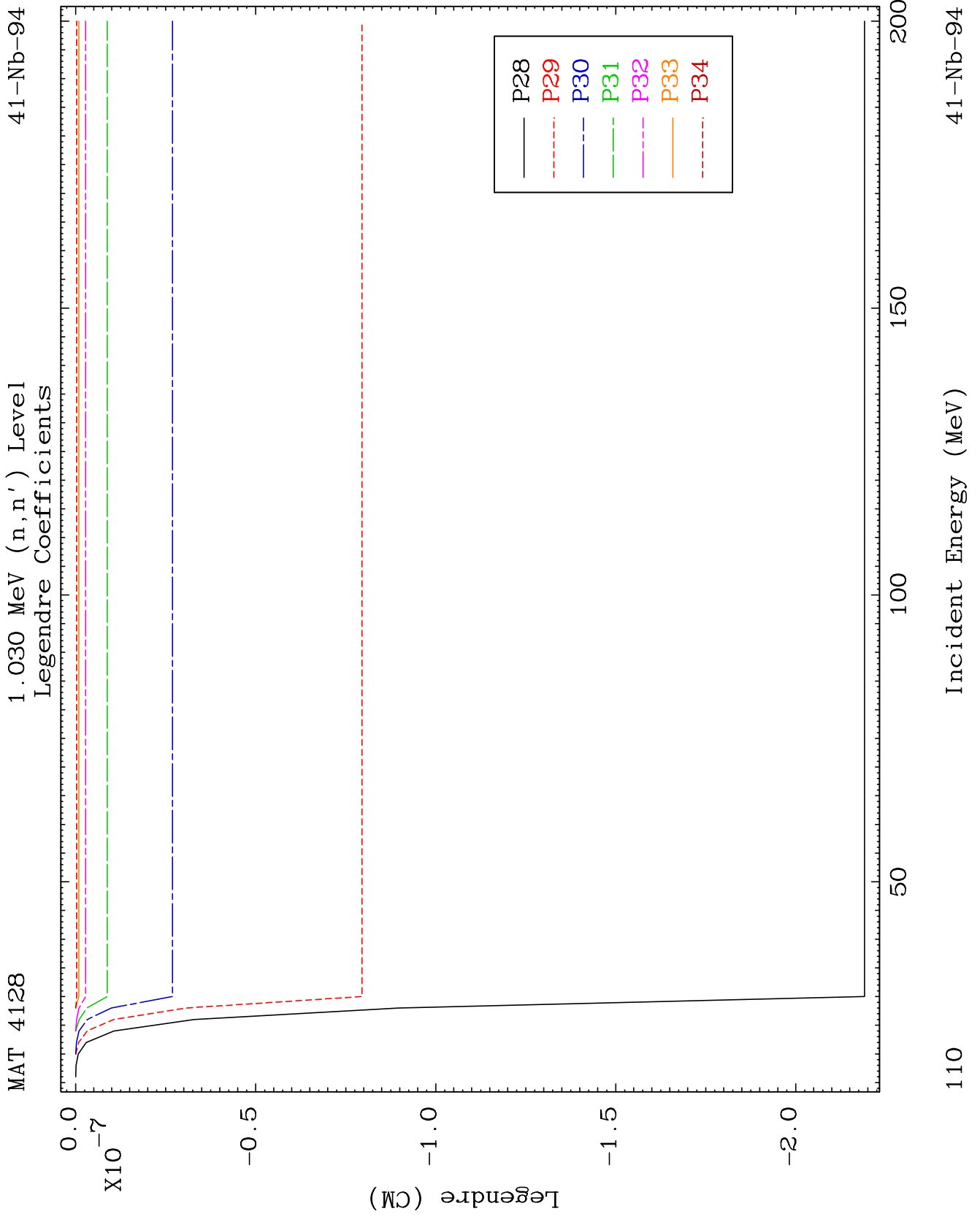
1.030 MeV (n,n') Level
Legendre Coefficients

41-Nb-94





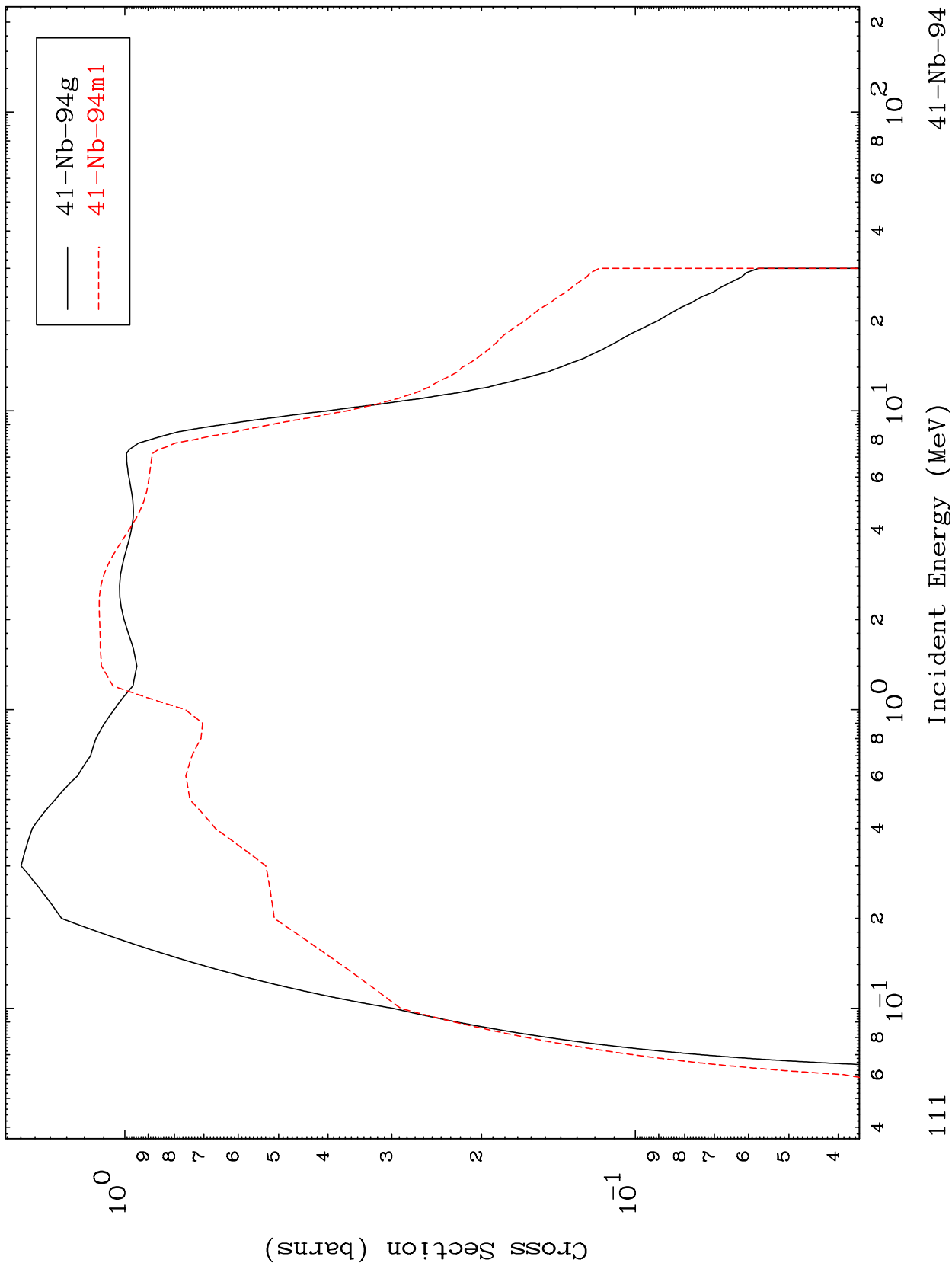




MAT 4128

41-Nb-94

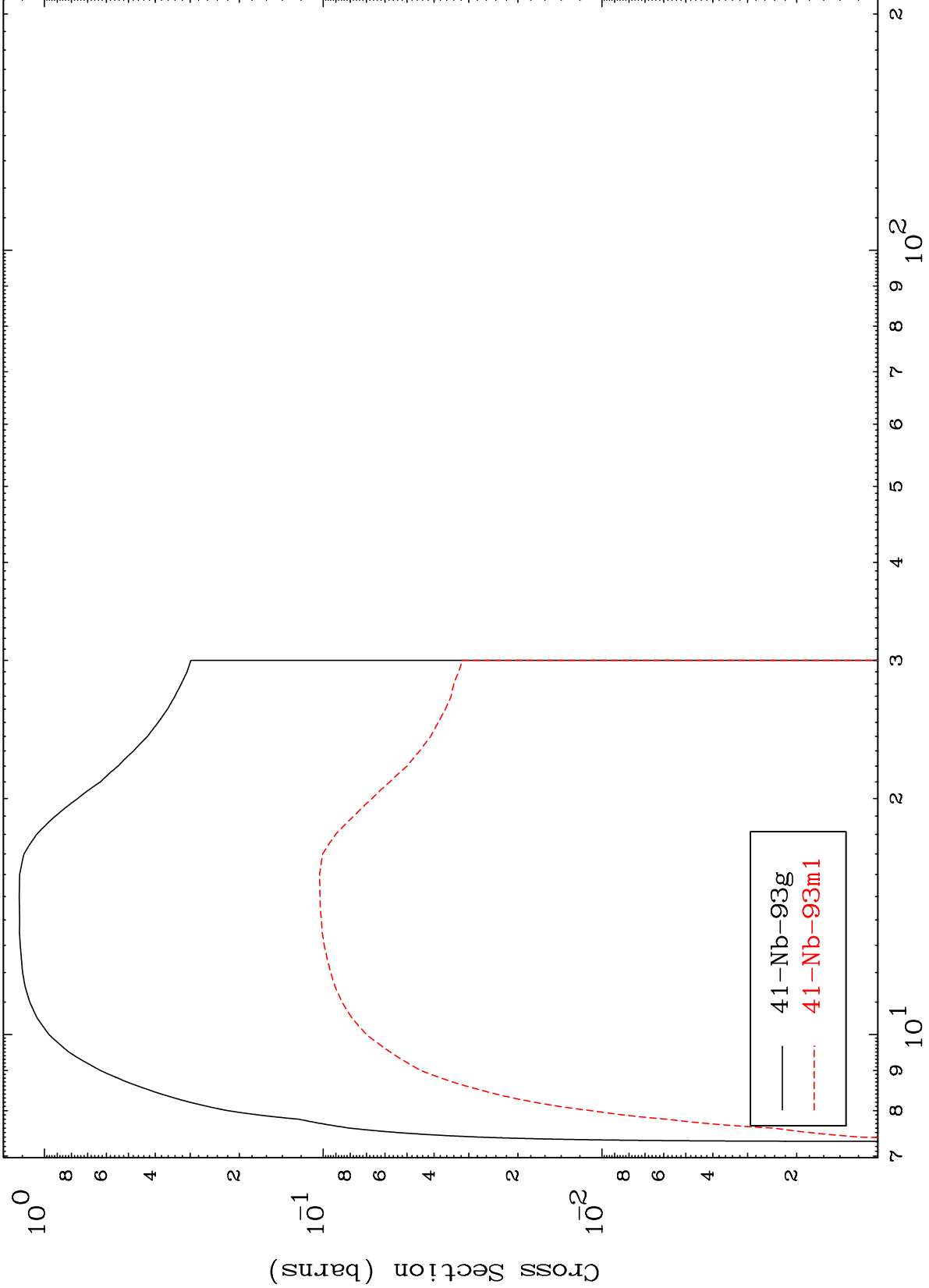
Inelastic
Radionuclide Production Cross Section



111

41-Nb-94

(n,2n)
Radionuclide Production Cross Section

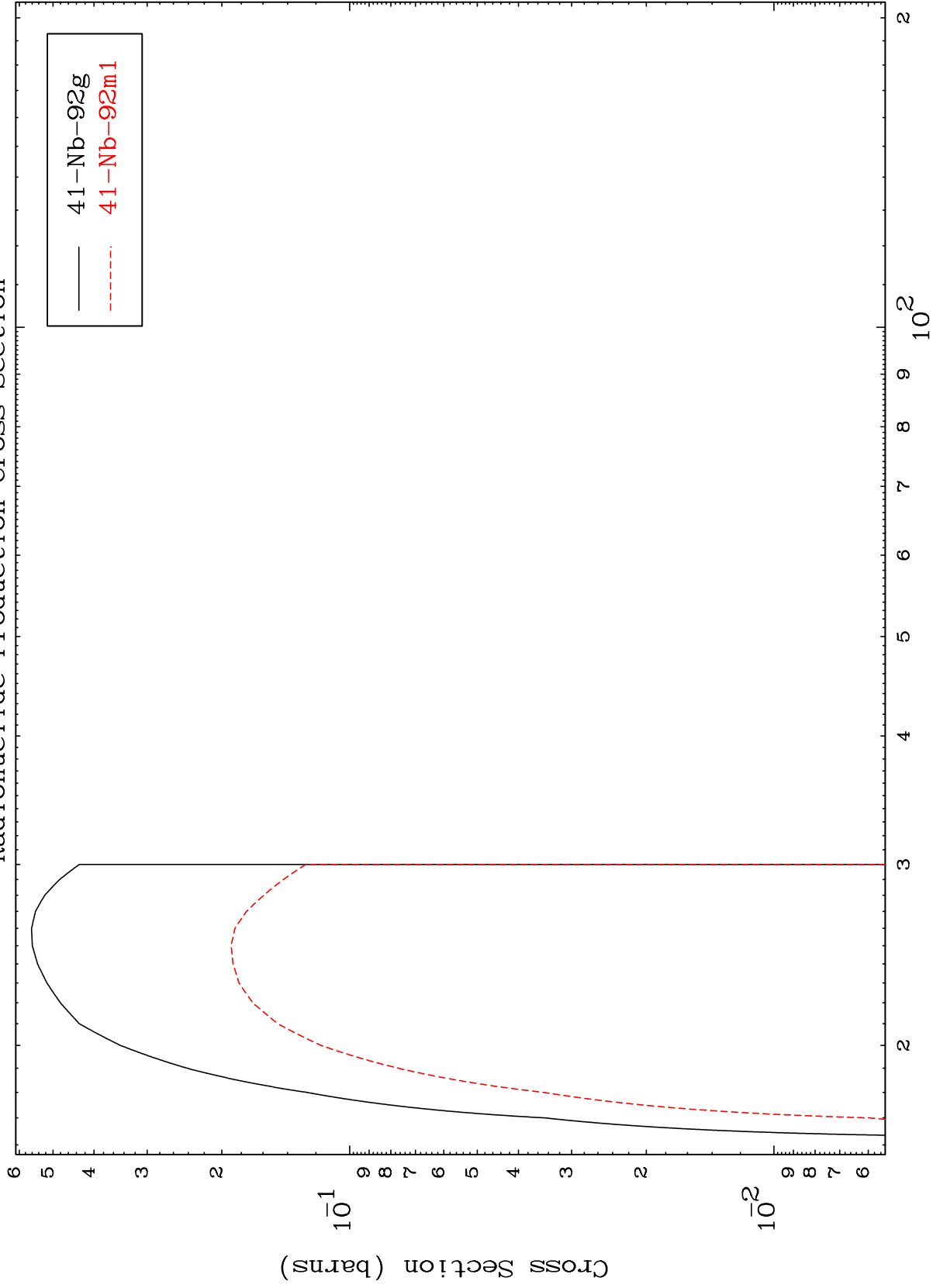


MAT 4128

(n,3n)

41-Nb-94

Radionuclide Production Cross Section



113

Incident Energy (MeV)

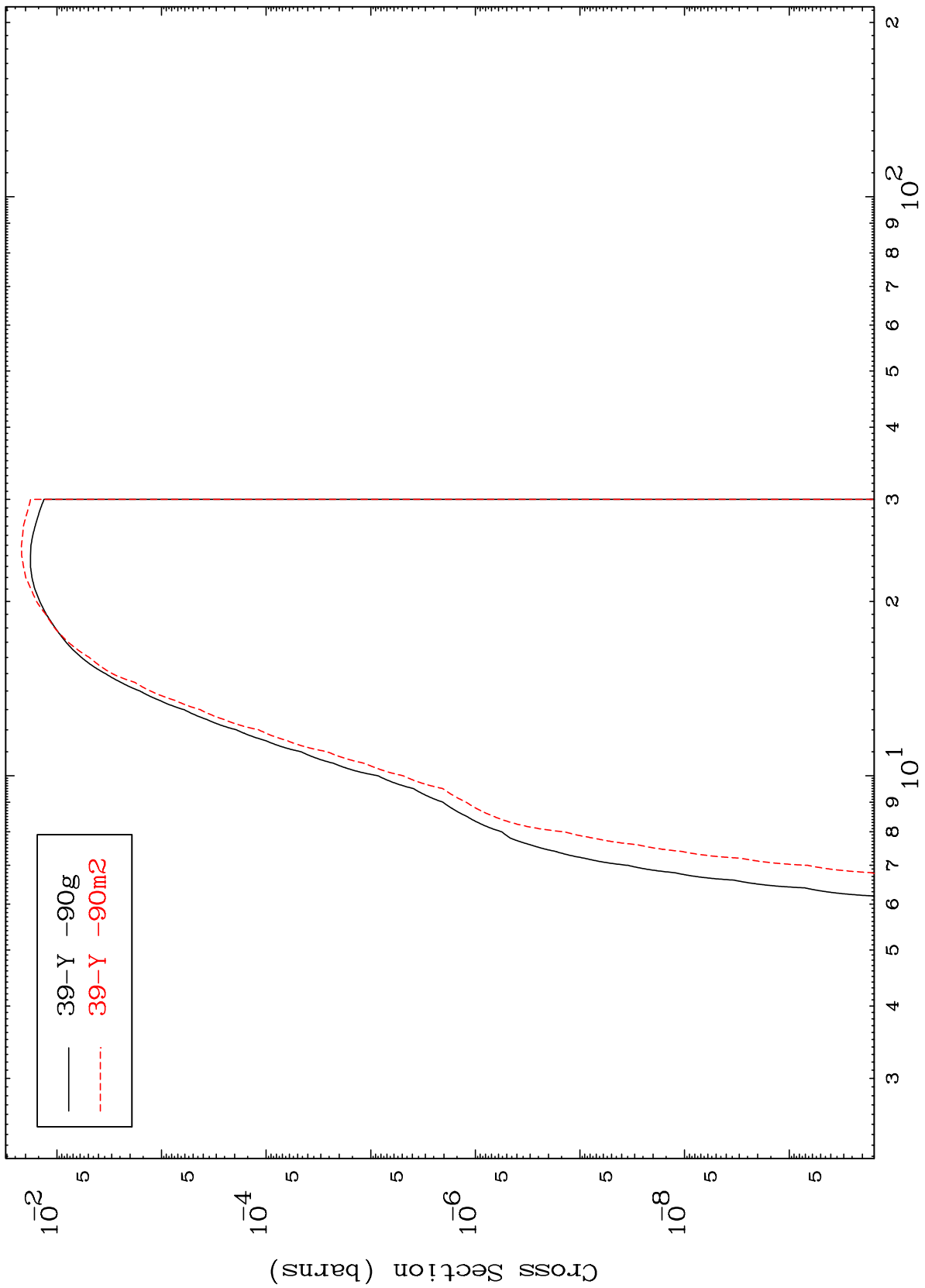
41-Nb-94

MAT 4128

$(n, n') \alpha$

41-Nb-94

Radionuclide Production Cross Section



114

Incident Energy (MeV)

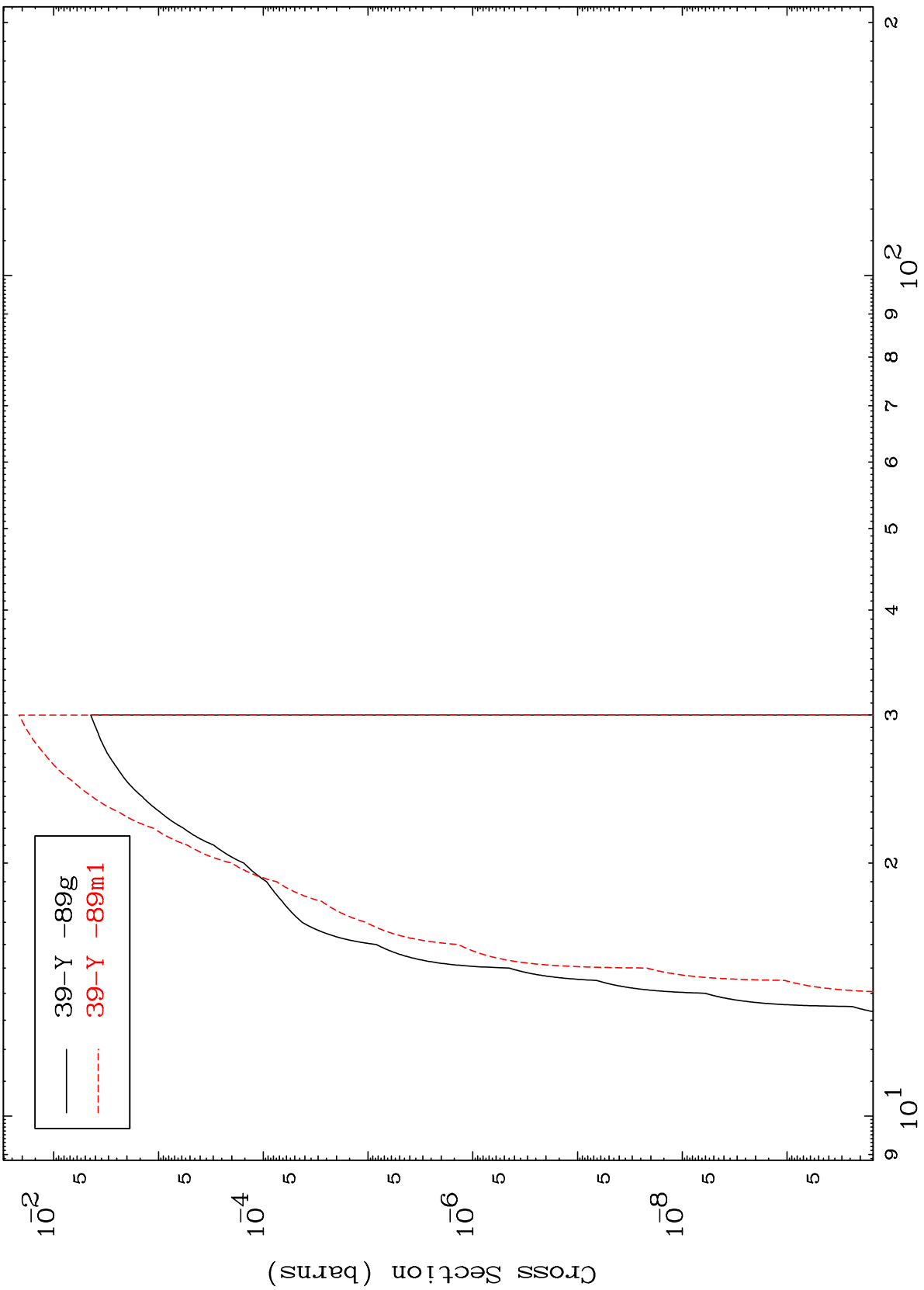
41-Nb-94

MAT 4128

(n,2n) α

41-Nb-94

Radionuclide Production Cross Section



115

Incident Energy (MeV)

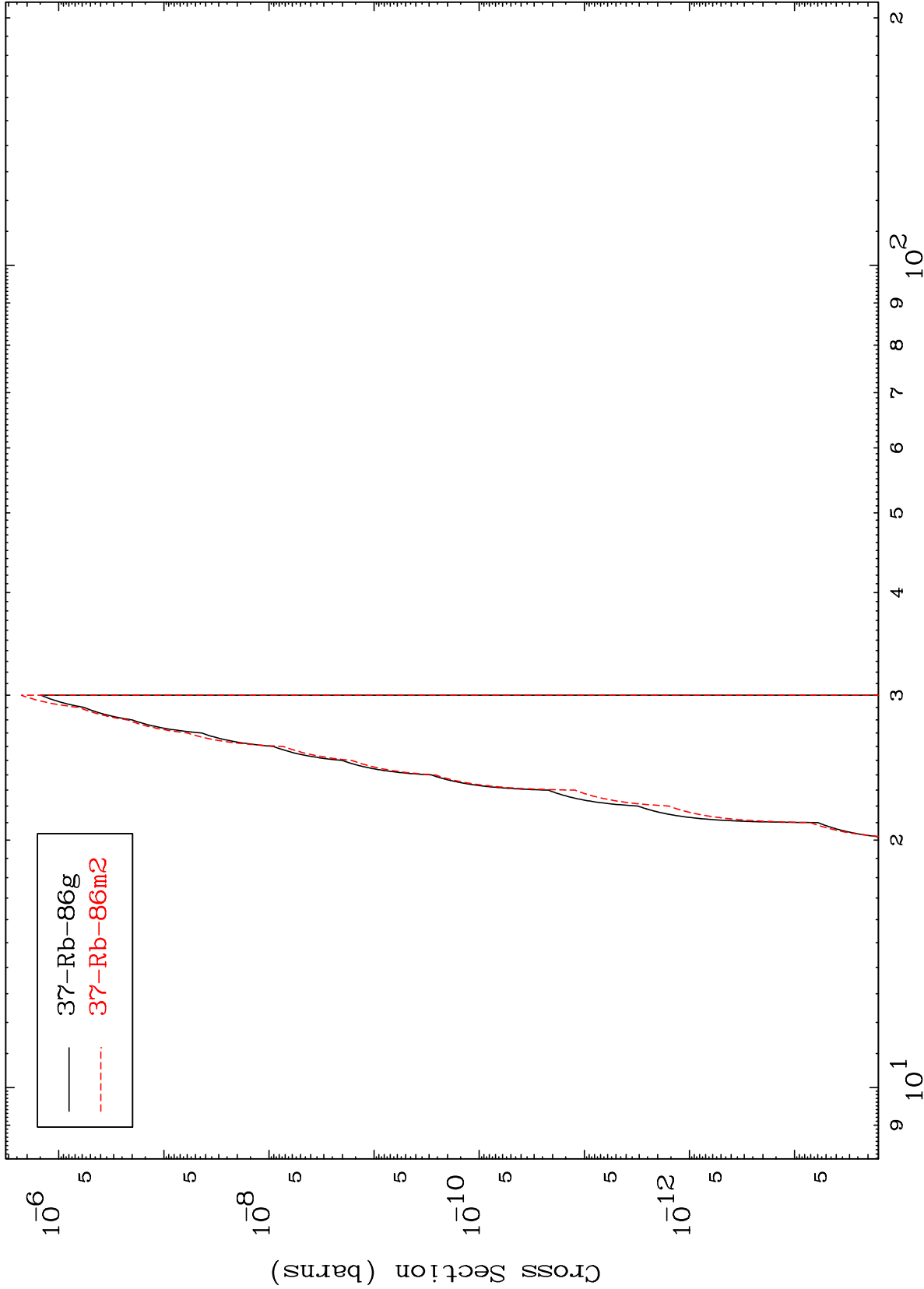
41-Nb-94

MAT 4128

(n,n') 2α

41-Nb-94

Radionuclide Production Cross Section



116

Incident Energy (MeV)

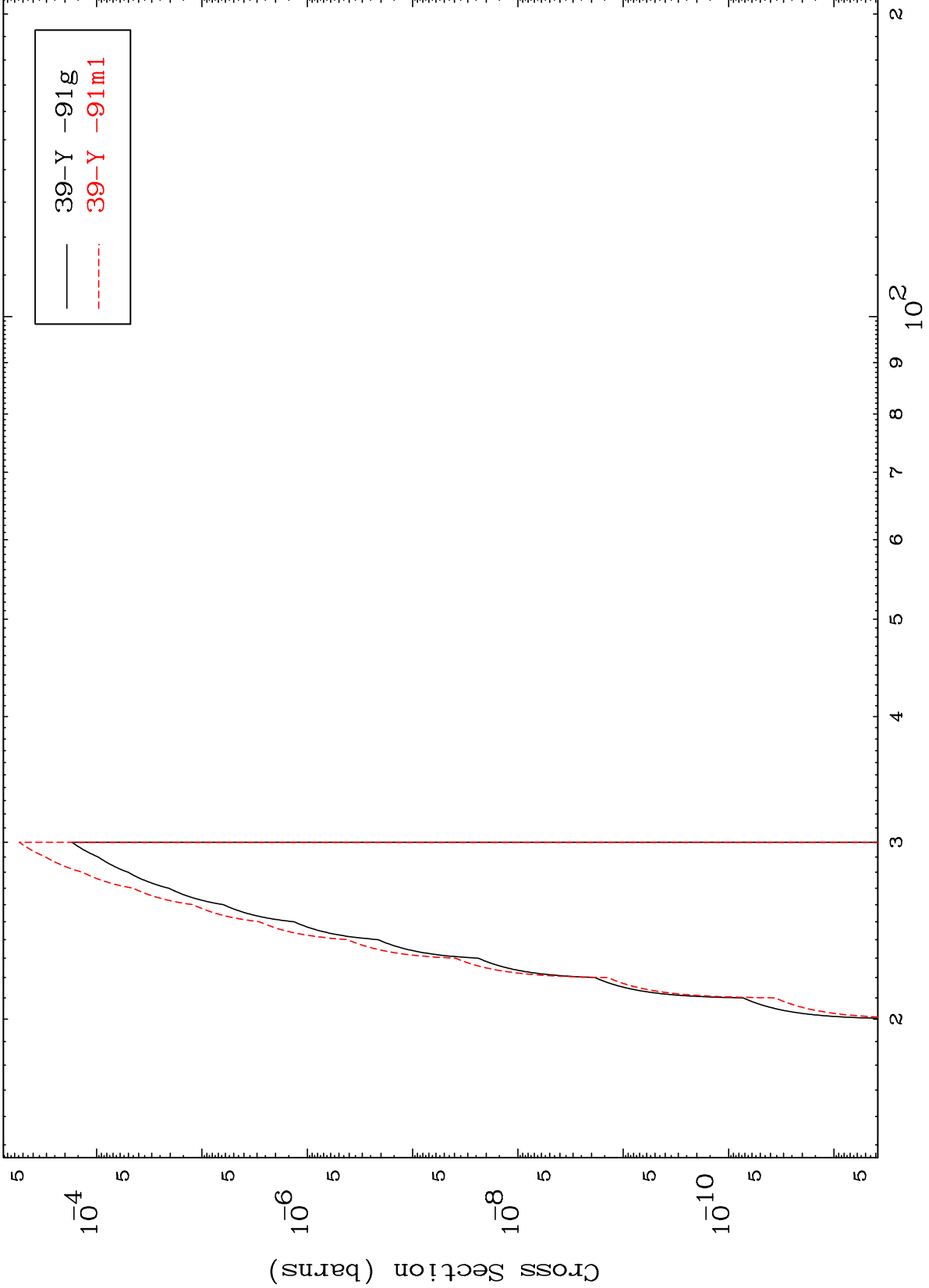
41-Nb-94

MAT 4128

(n,n') He-3

41-Nb-94

Radionuclide Production Cross Section



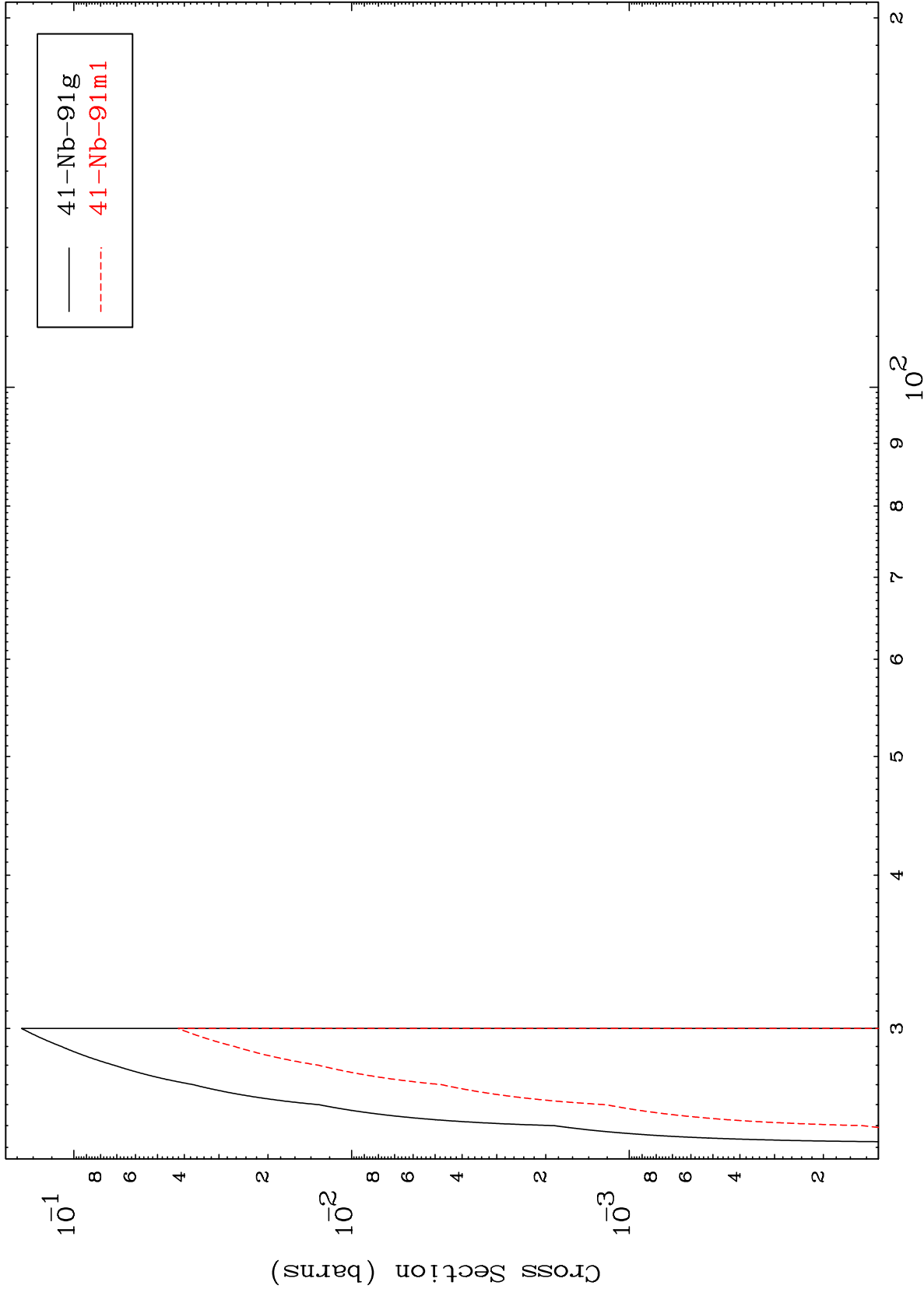
39-Y -91g
39-Y -91m1

117

Incident Energy (MeV)

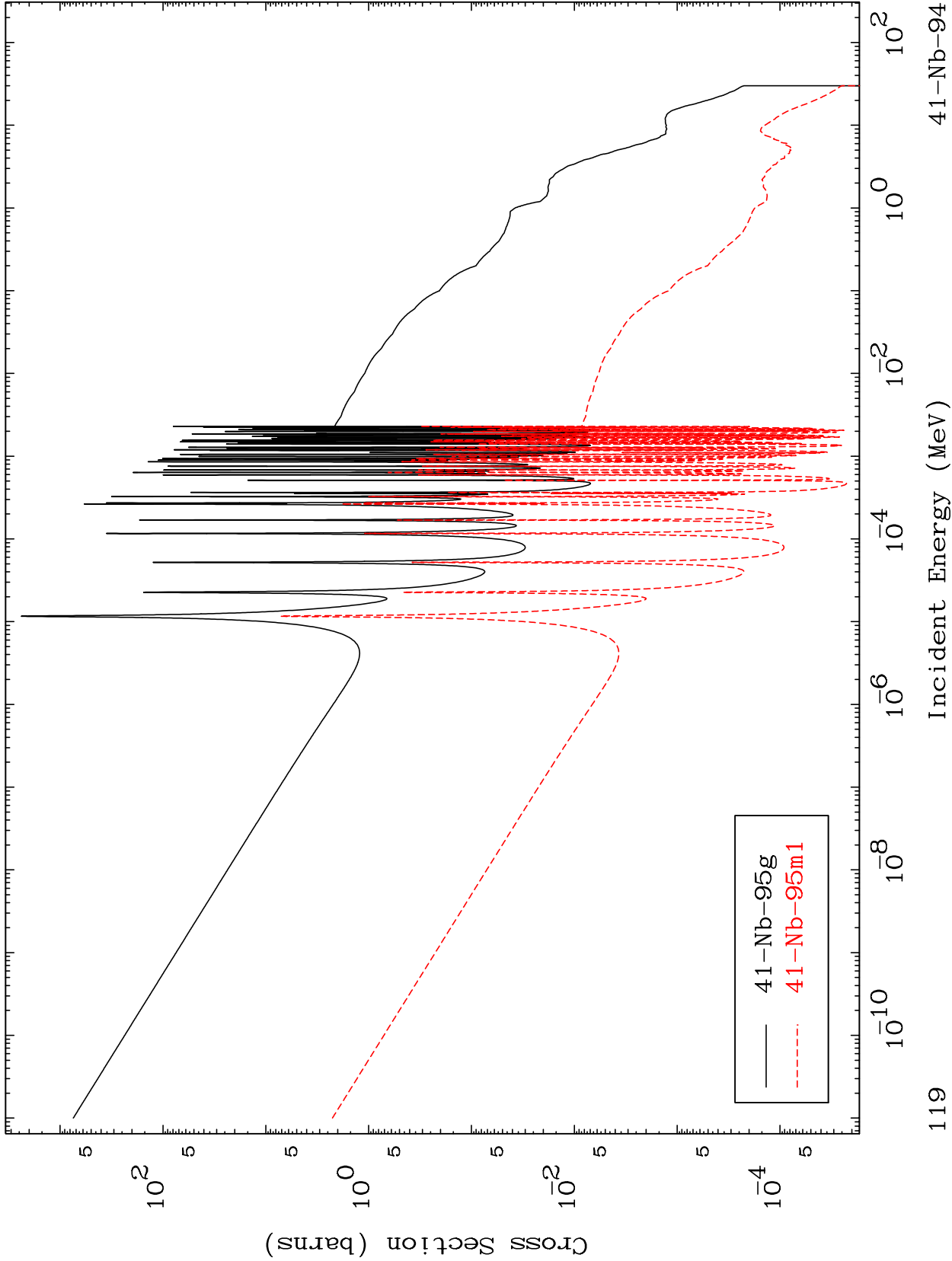
41-Nb-94

(n,4n)
Radionuclide Production Cross Section



41-Nb-91g
41-Nb-91m1

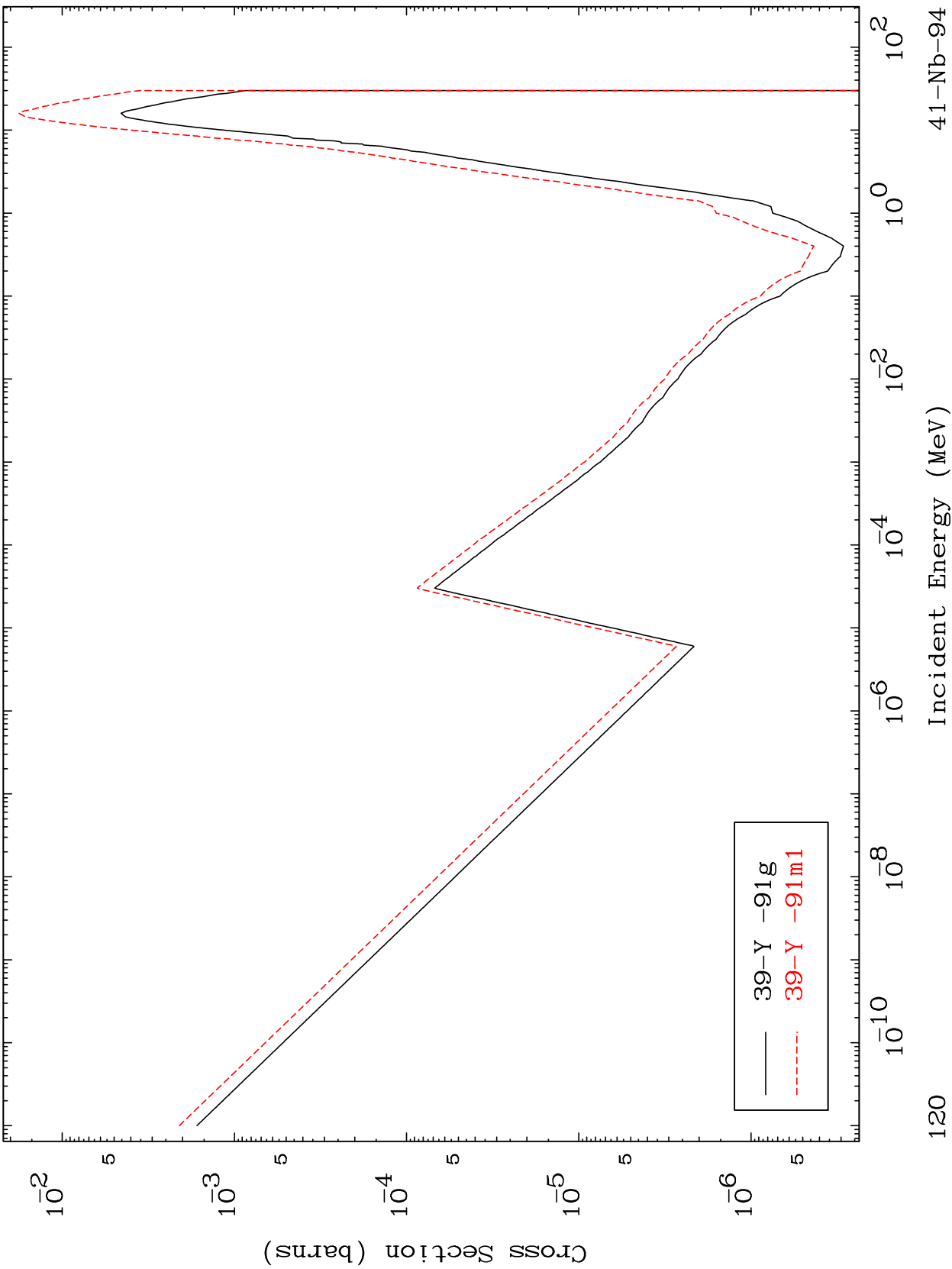
Radionuclide Production Cross Section
(n, γ)



MAT 4128

41-Nb-94

(n, α)
Radionuclide Production Cross Section

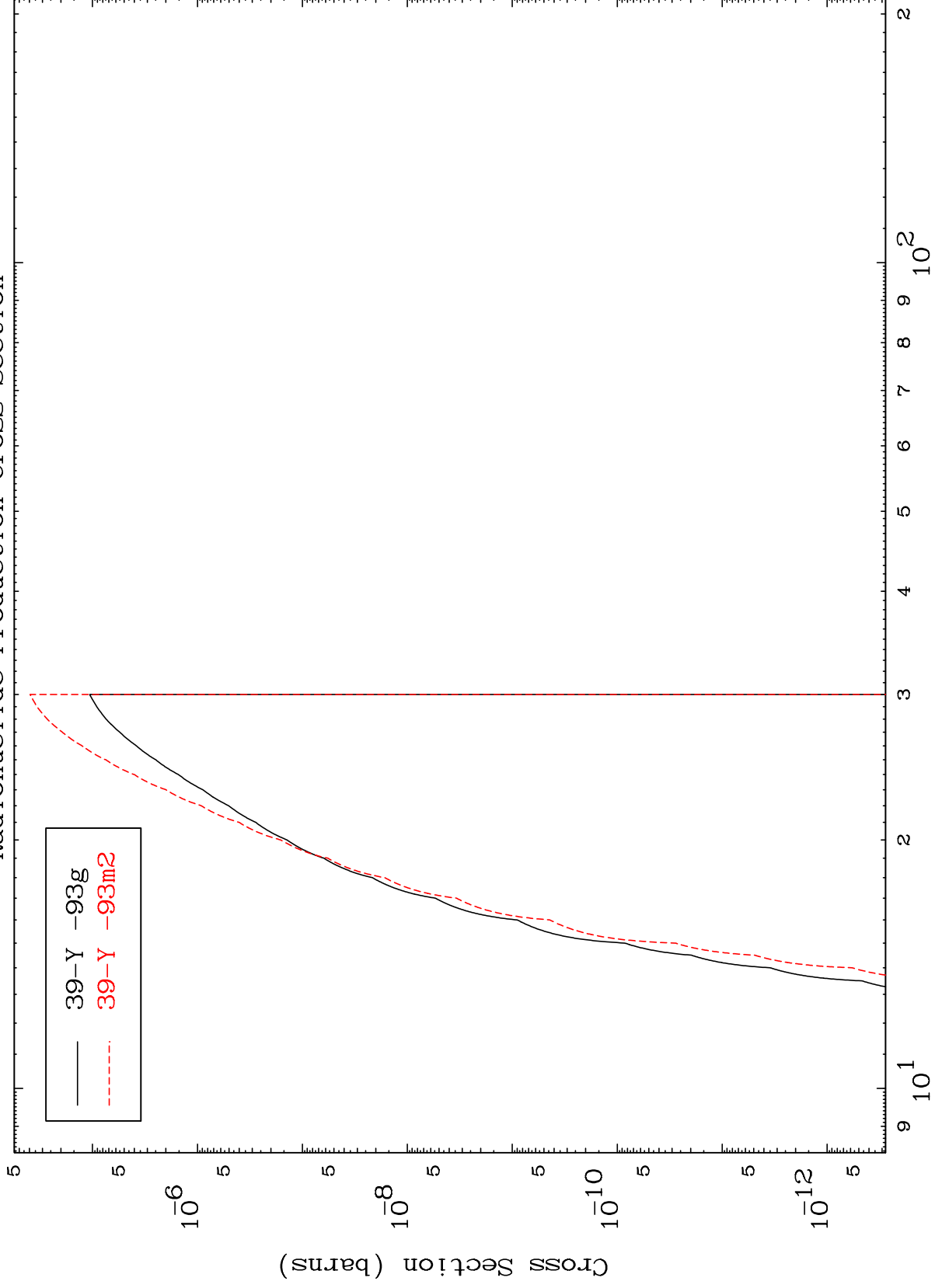


120

MAT 4128

41-Nb-94

(n,2p)
Radionuclide Production Cross Section



121

Incident Energy (MeV)

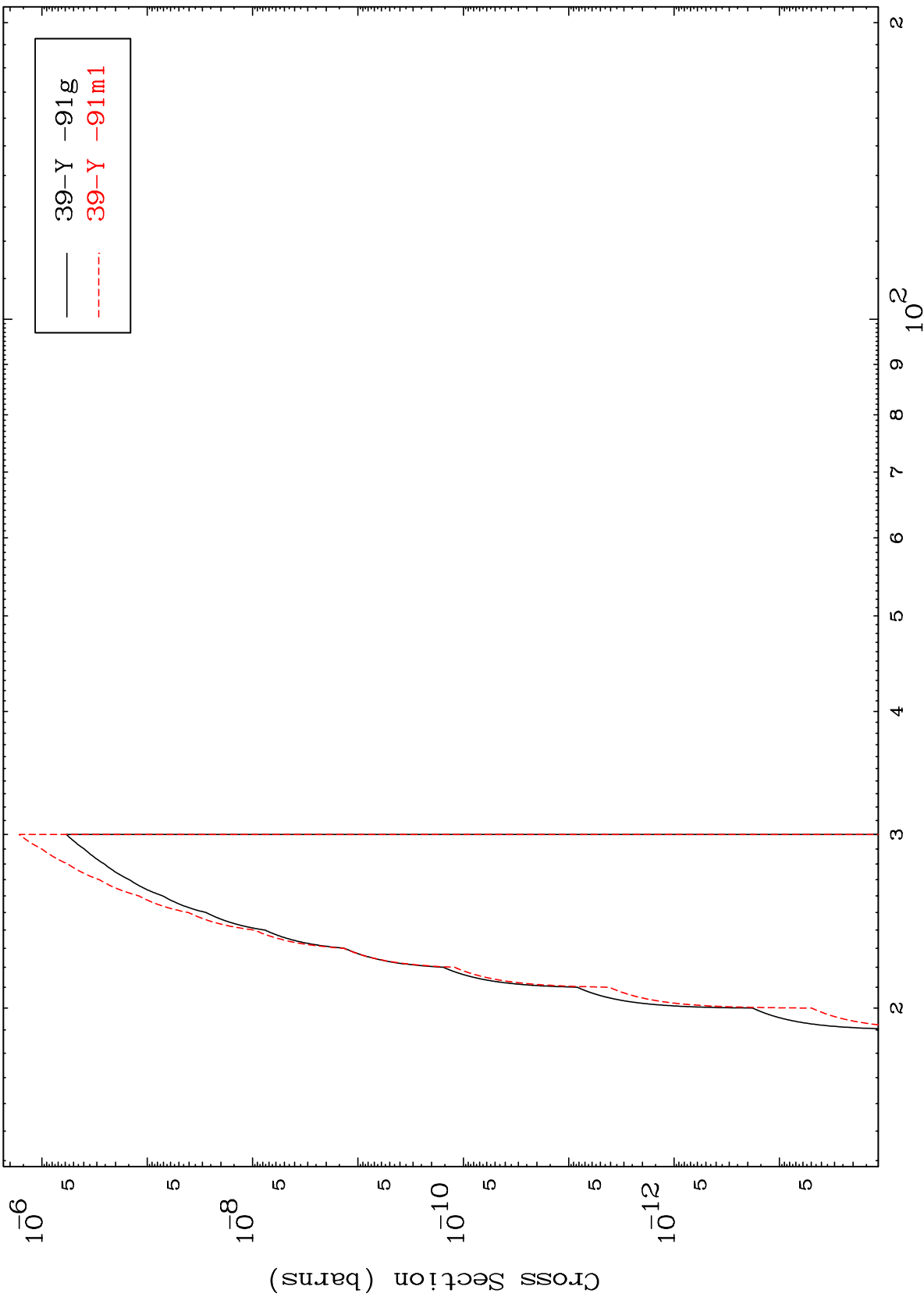
41-Nb-94

MAT 4128

(n,p) t

41-Nb-94

Radionuclide Production Cross Section



122

Incident Energy (MeV)

41-Nb-94