

Program EVALPLOT
(Version 2015-2)

by

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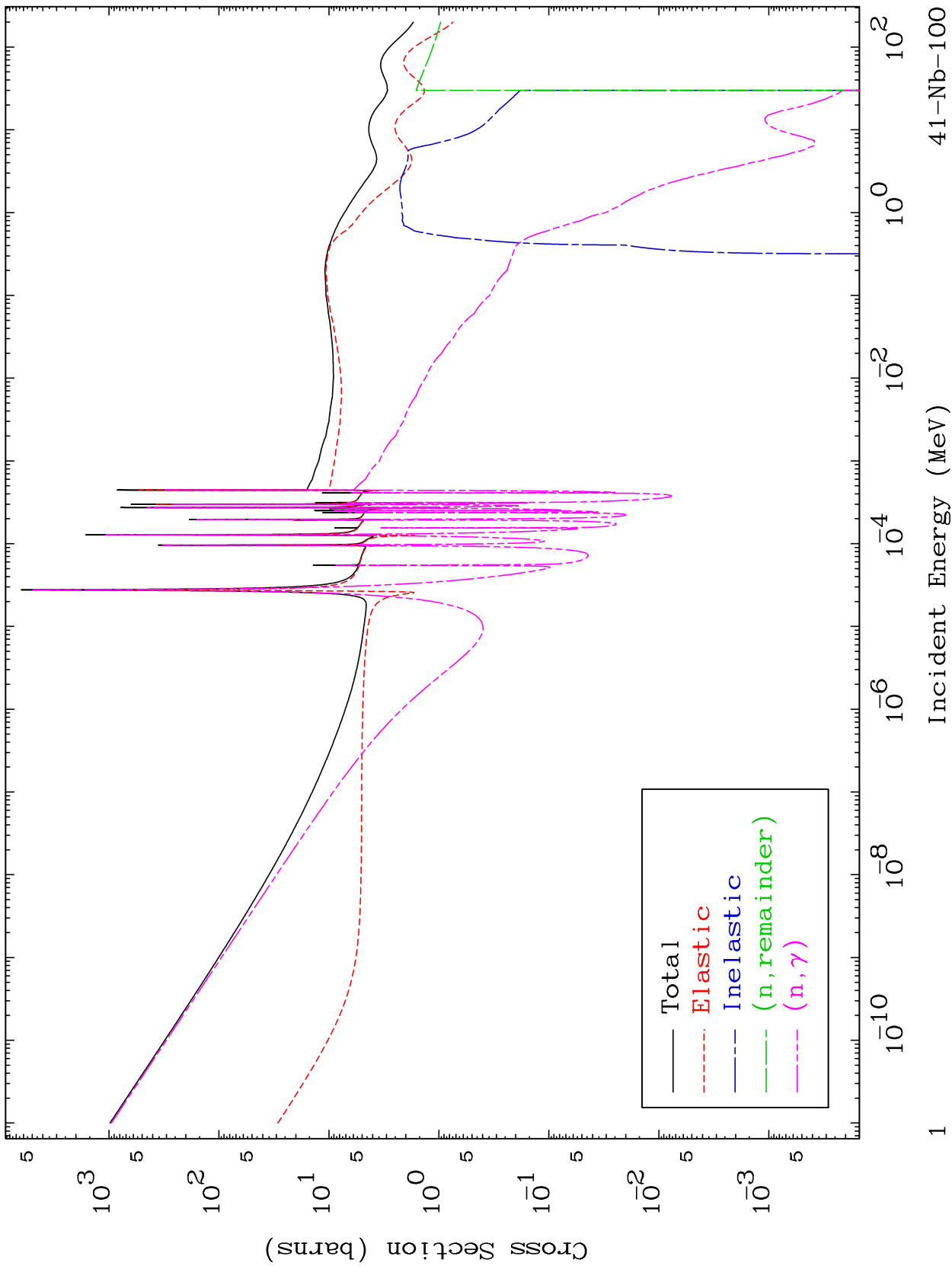
Press Mouse Button to Start

MAT 4146

Major

293 Kelvin Cross Sections

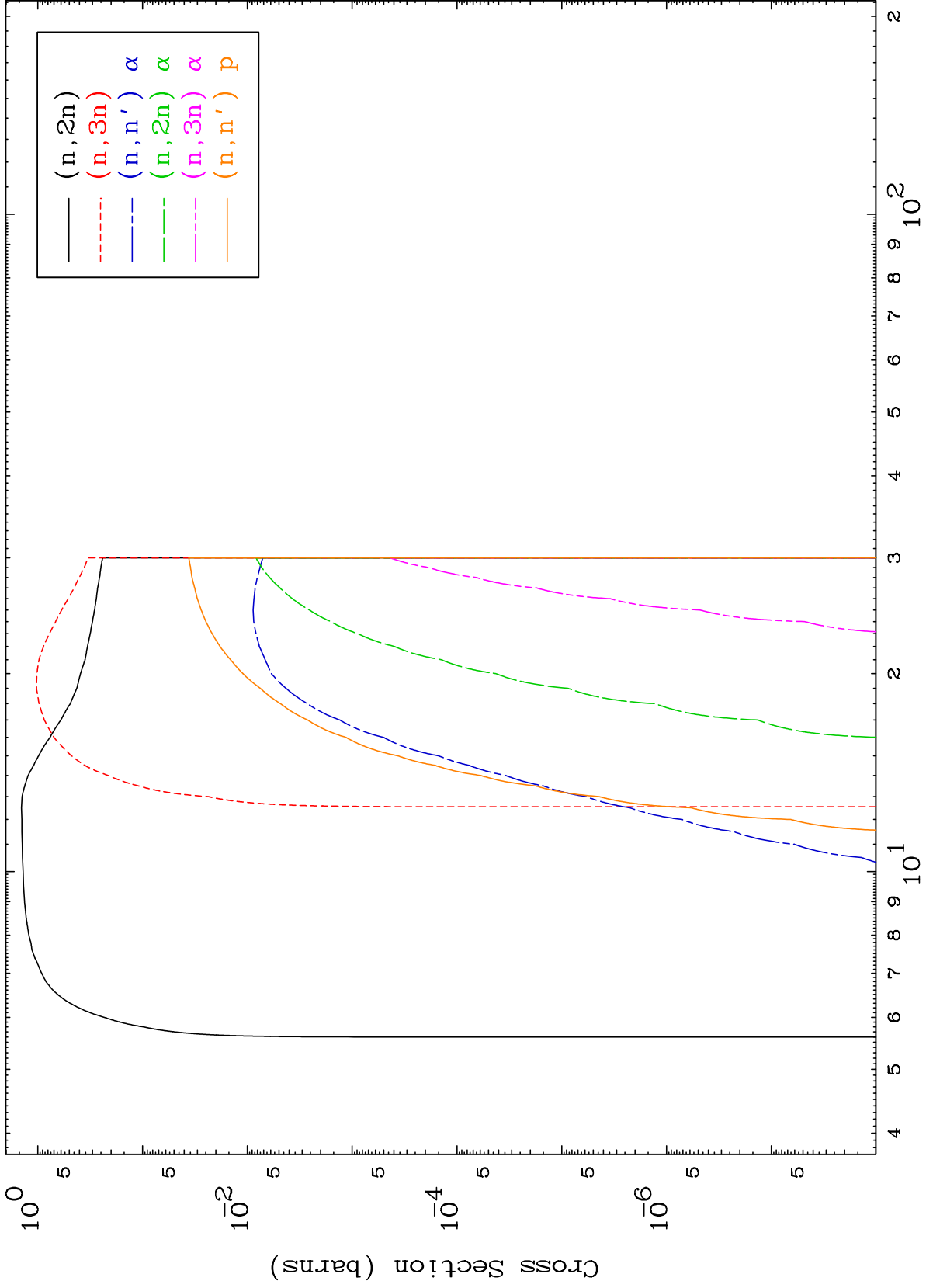
41-Nb-100



MAT 4146

Neutron Production
293 Kelvin Cross Sections

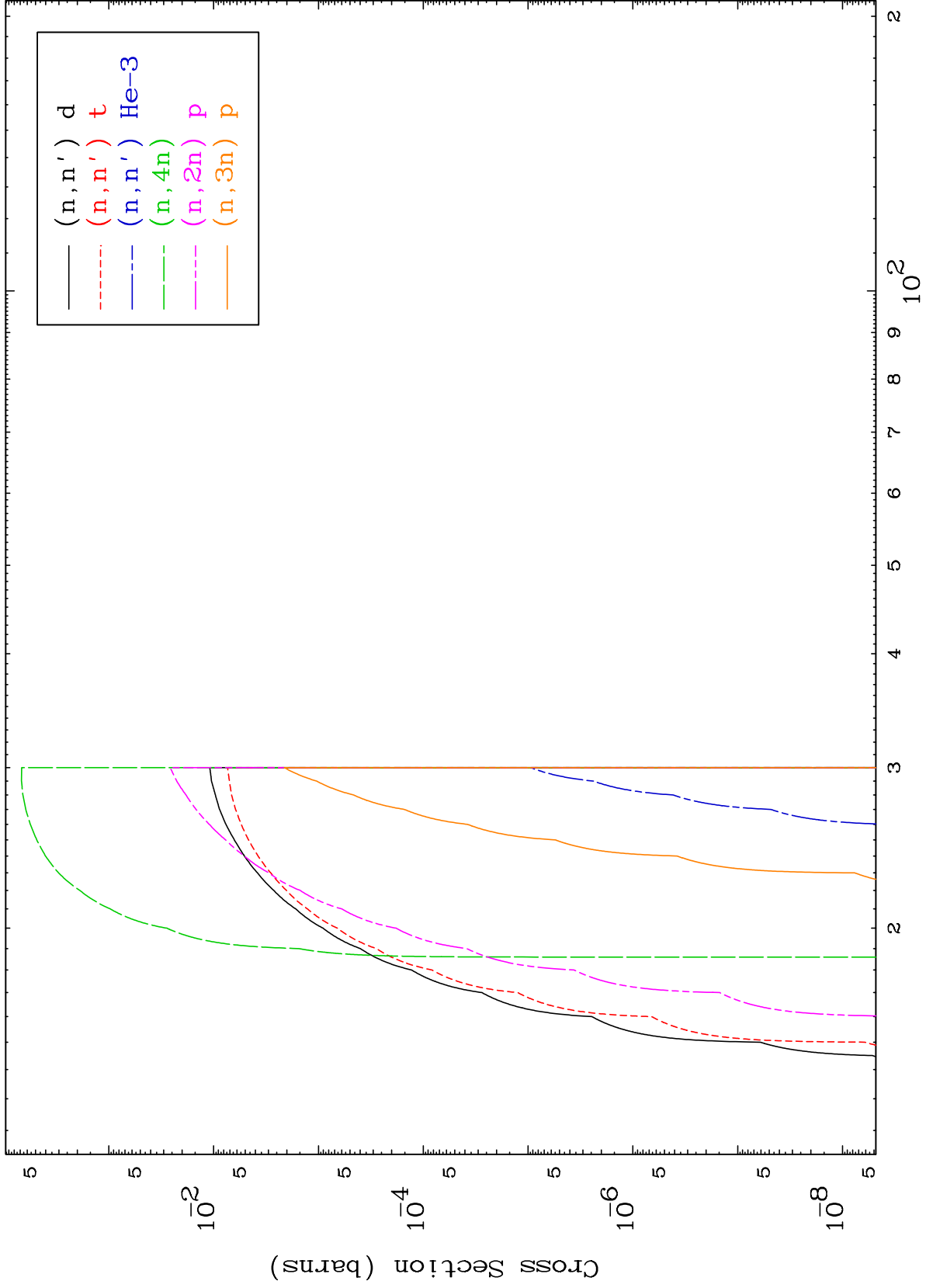
41-Nb-100



2

Incident Energy (MeV)

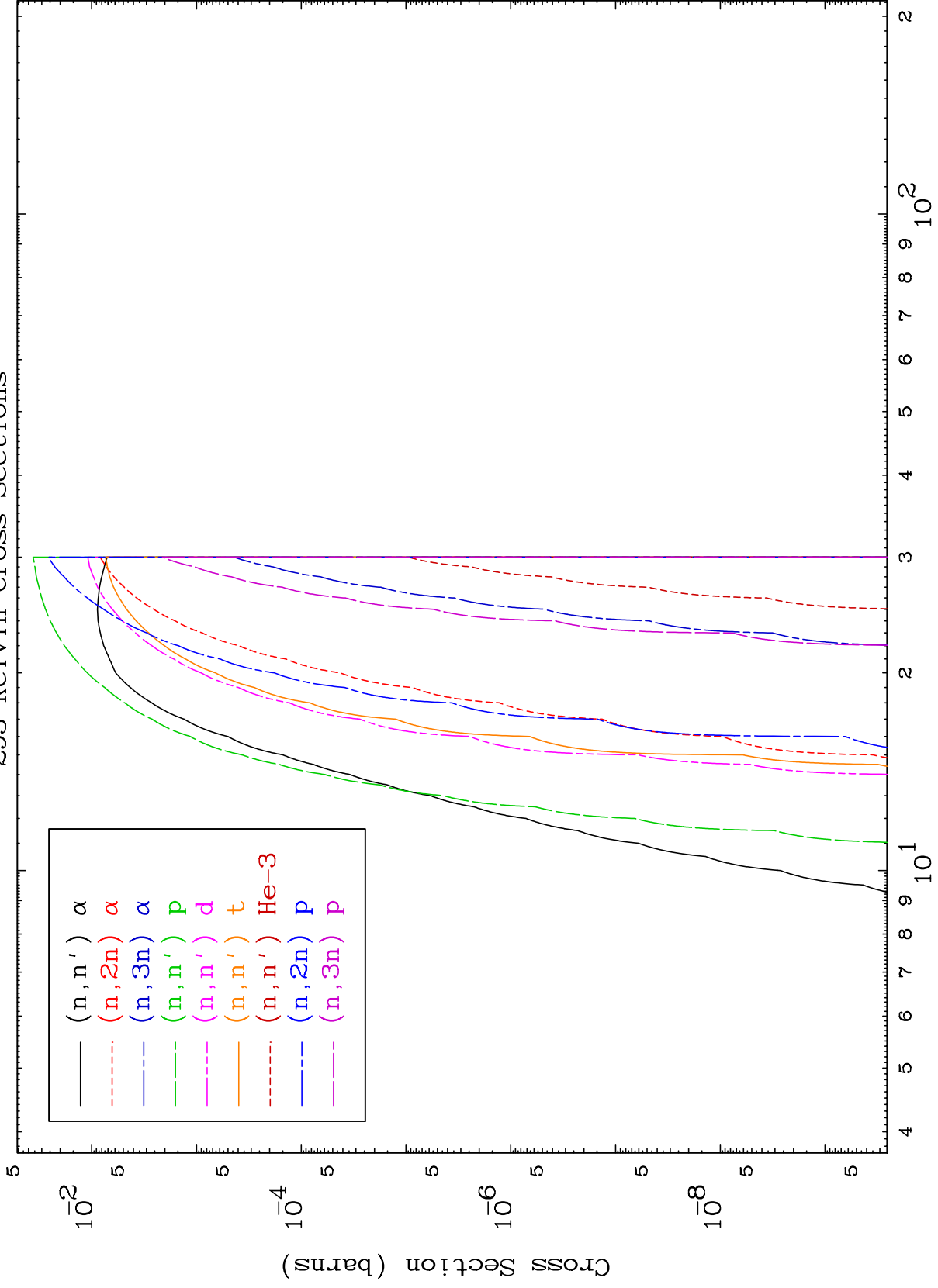
41-Nb-100



MAT 4146

Charged Particle
293 Kelvin Cross Sections

41-Nb-100



4

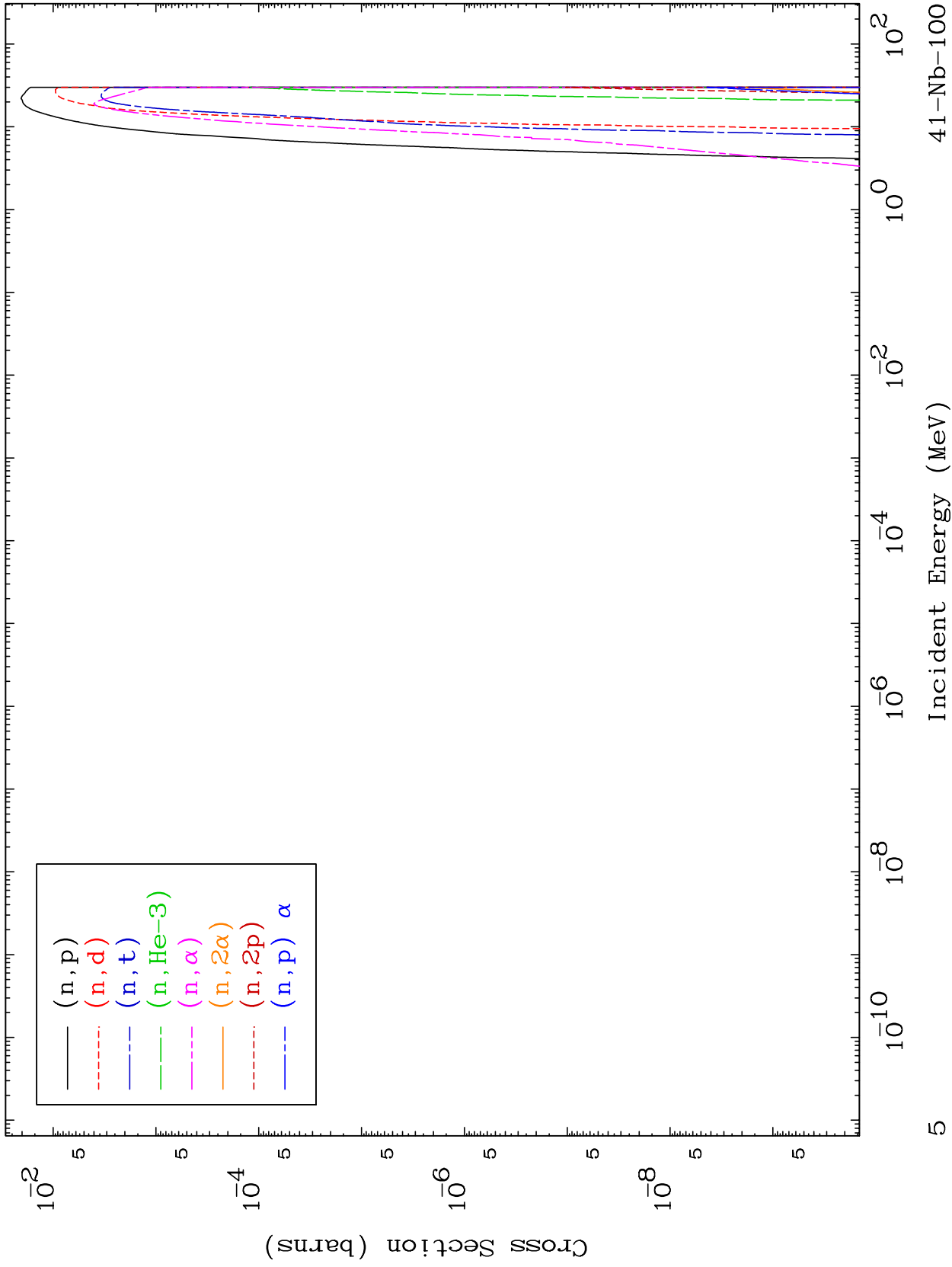
Incident Energy (MeV)

41-Nb-100

MAT 4146

Charged Particle
293 Kelvin Cross Sections

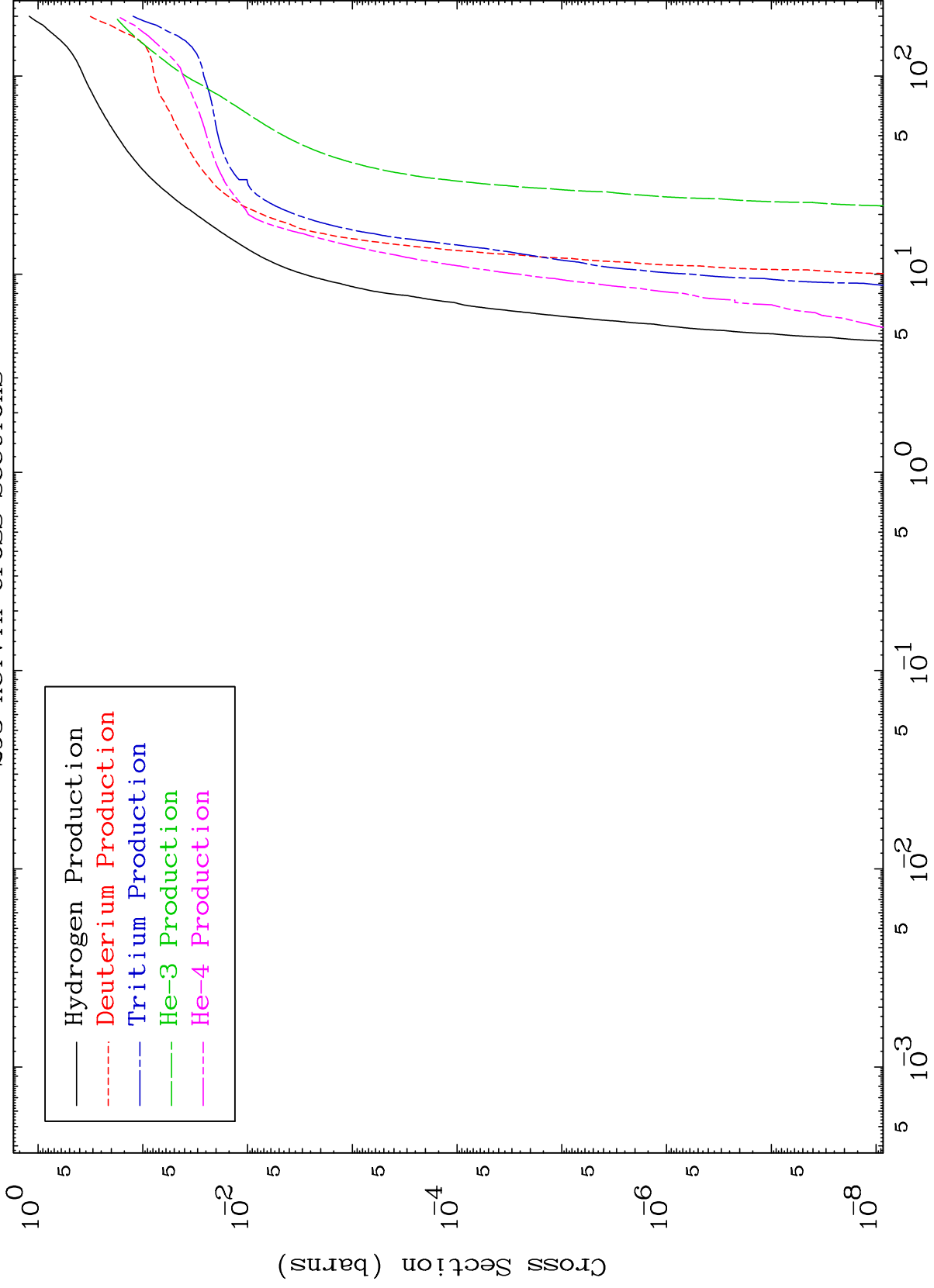
41-Nb-100



MAT 4146

Particle Production
293 Kelvin Cross Sections

41-Nb-100



6

Incident Energy (MeV)

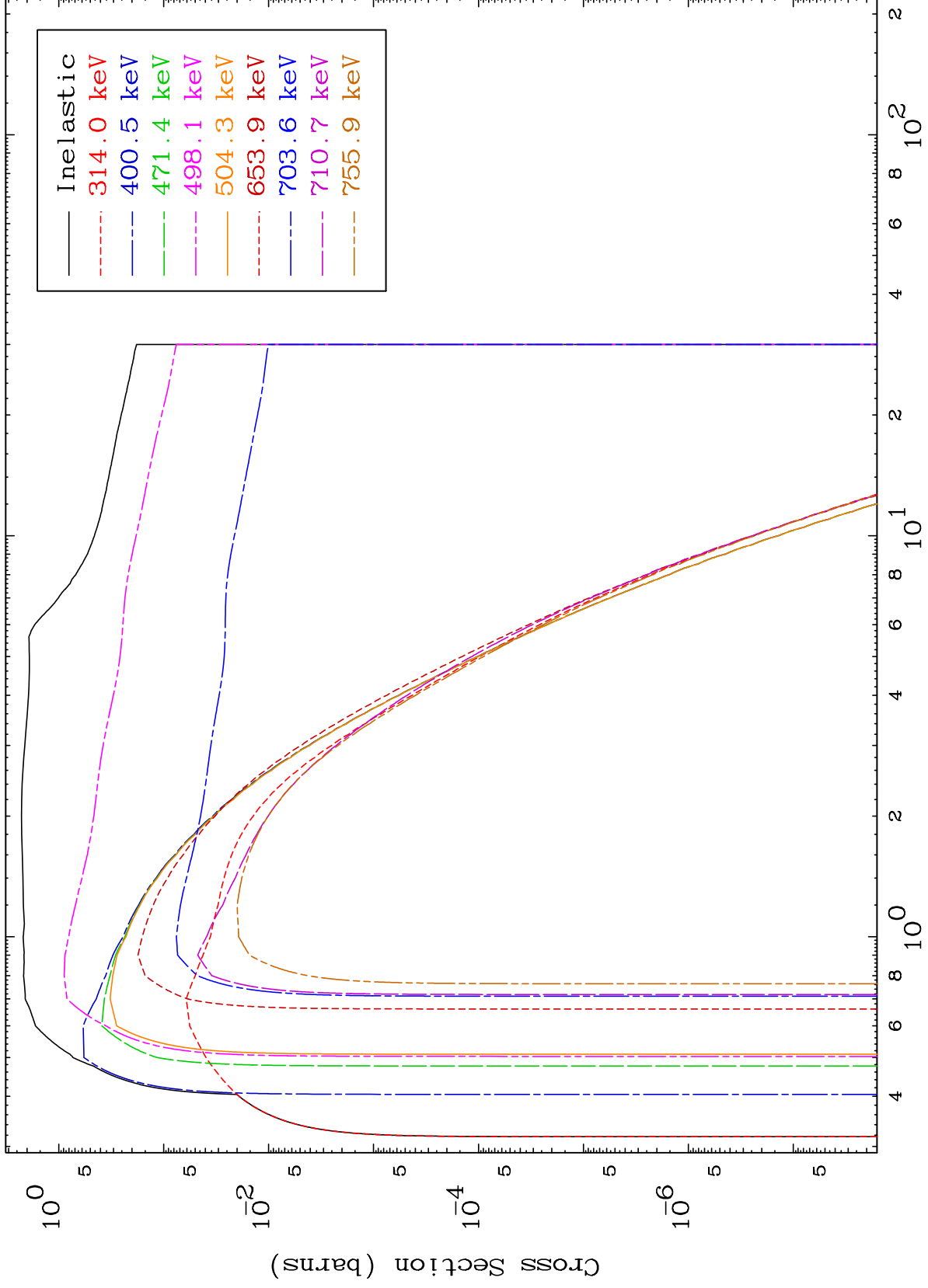
41-Nb-100

MAT 4146

(n,n') Level

41-Nb-100

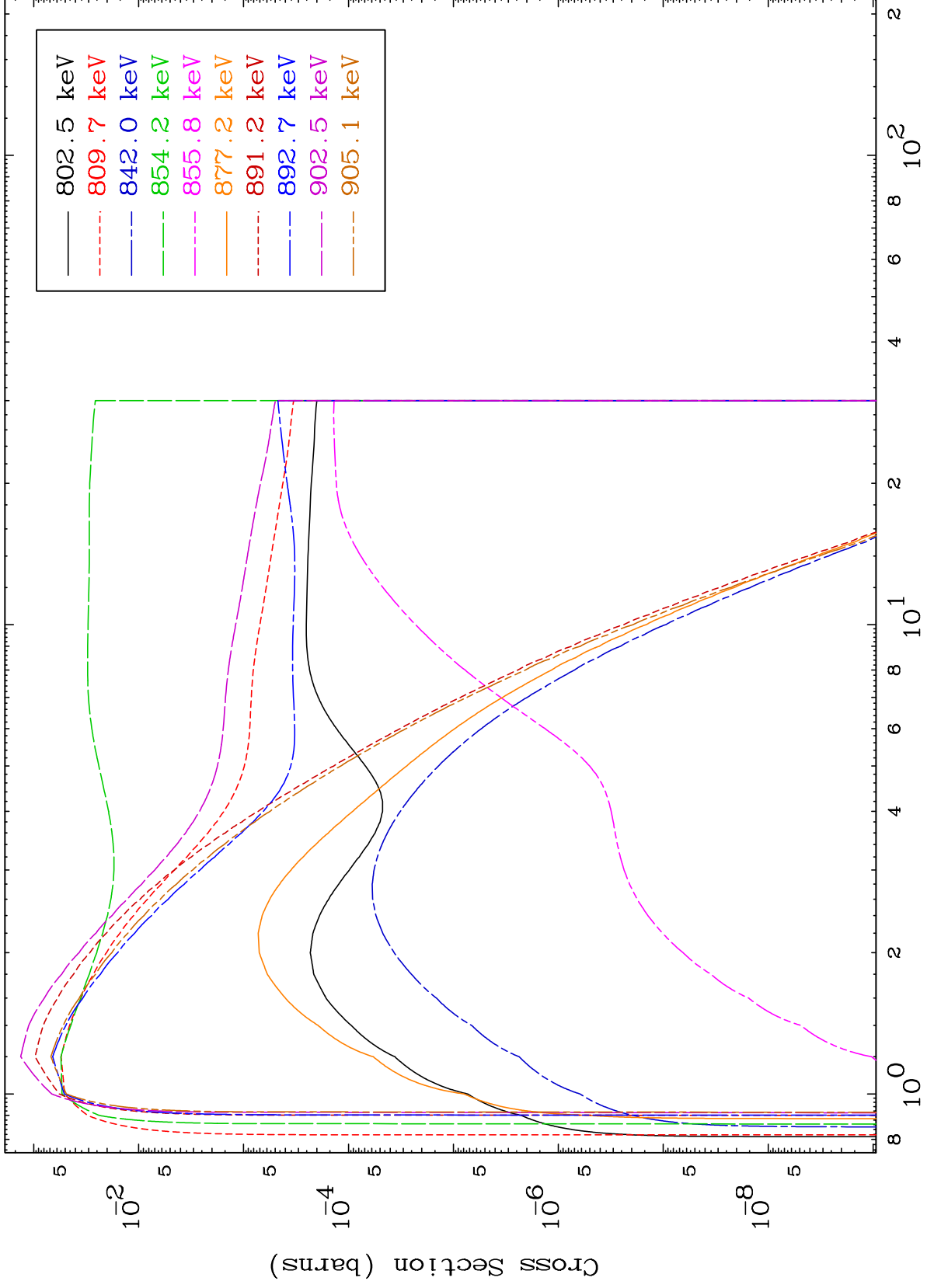
293 Kelvin Cross Sections



MAT 4146

(n,n') Level
293 Kelvin Cross Sections

41-Nb-100



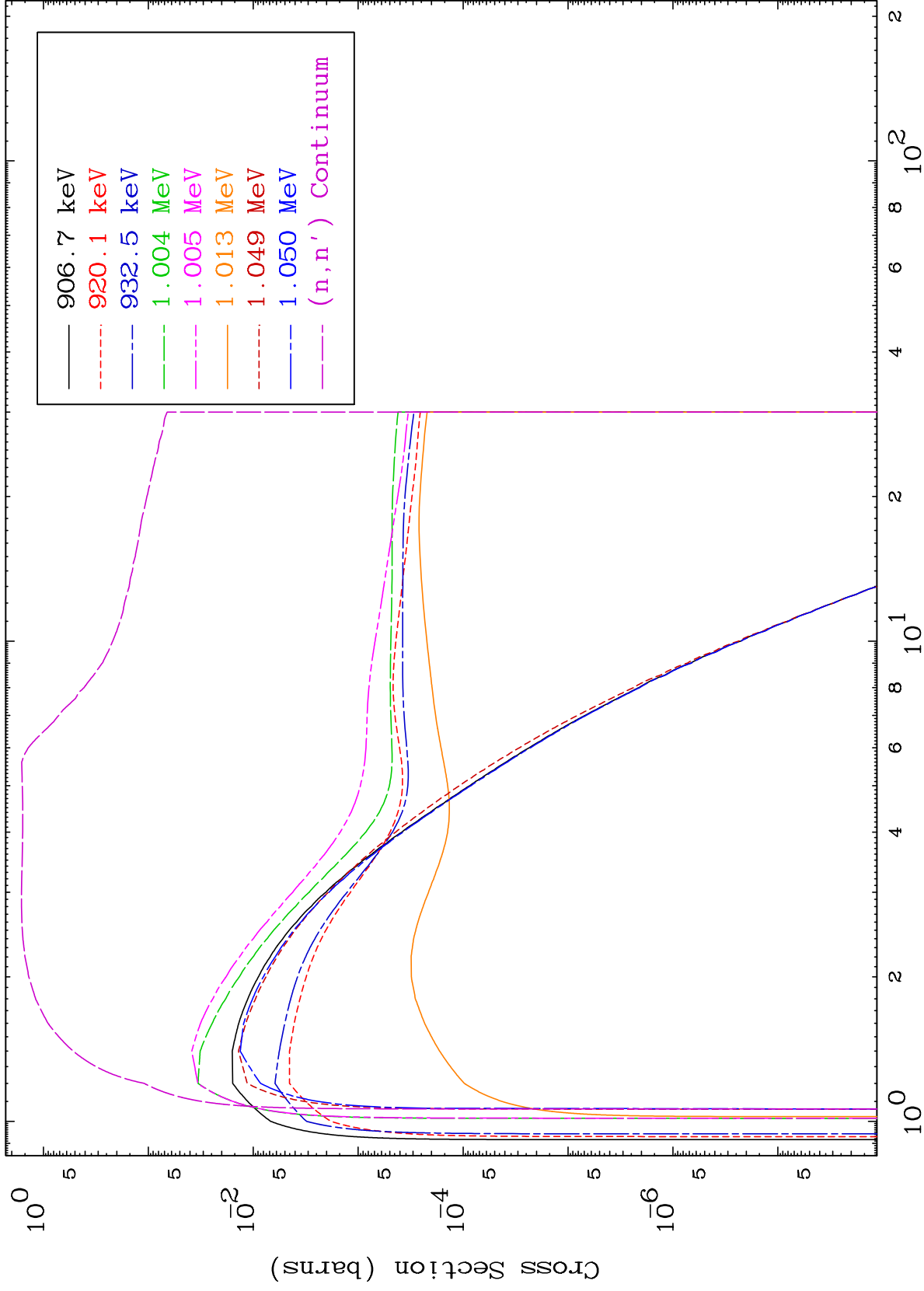
Incident Energy (MeV)

41-Nb-100

MAT 4146

(n,n') Level
293 Kelvin Cross Sections

41-Nb-100



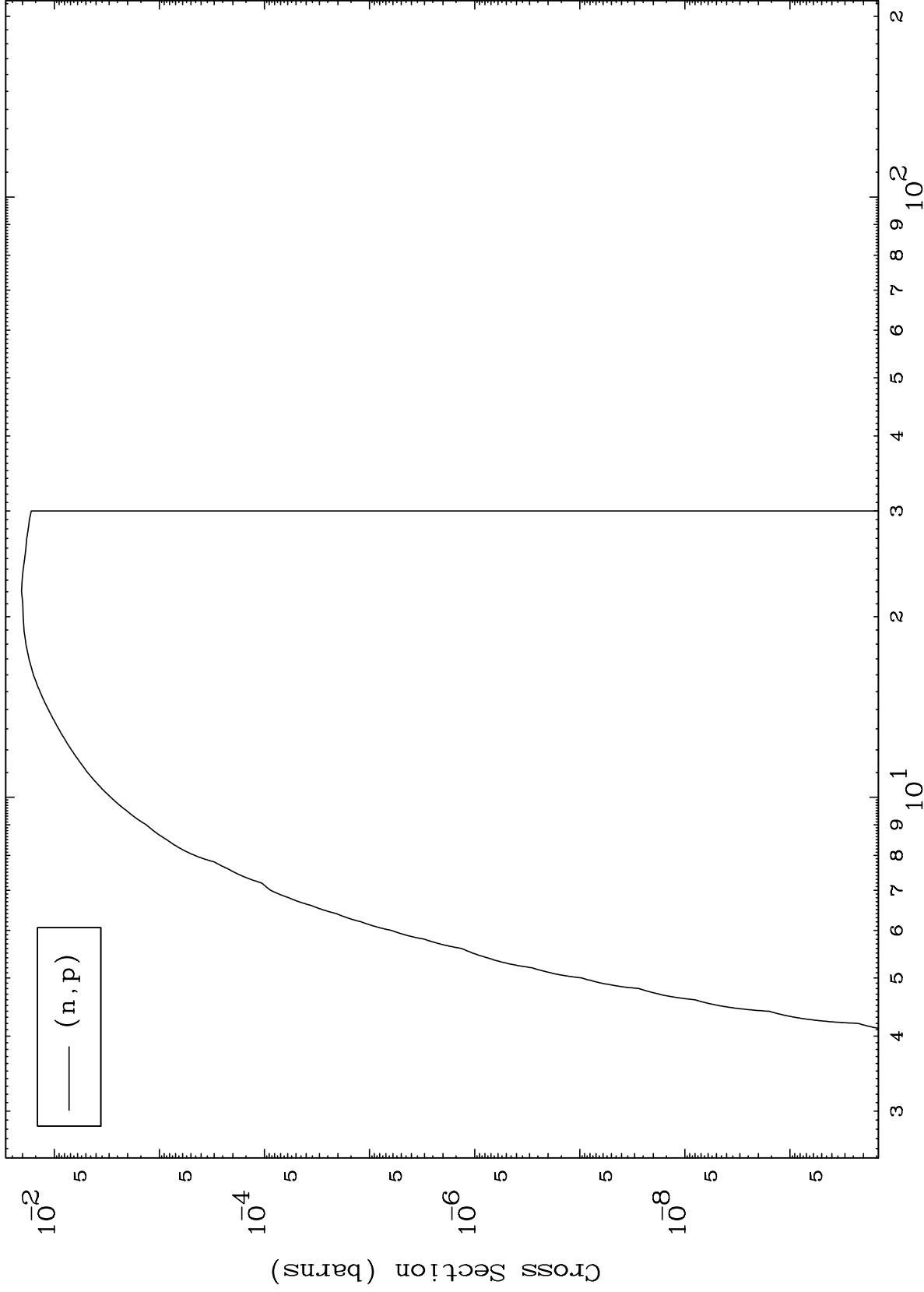
Incident Energy (MeV)

41-Nb-100

MAT 4146

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-100



10

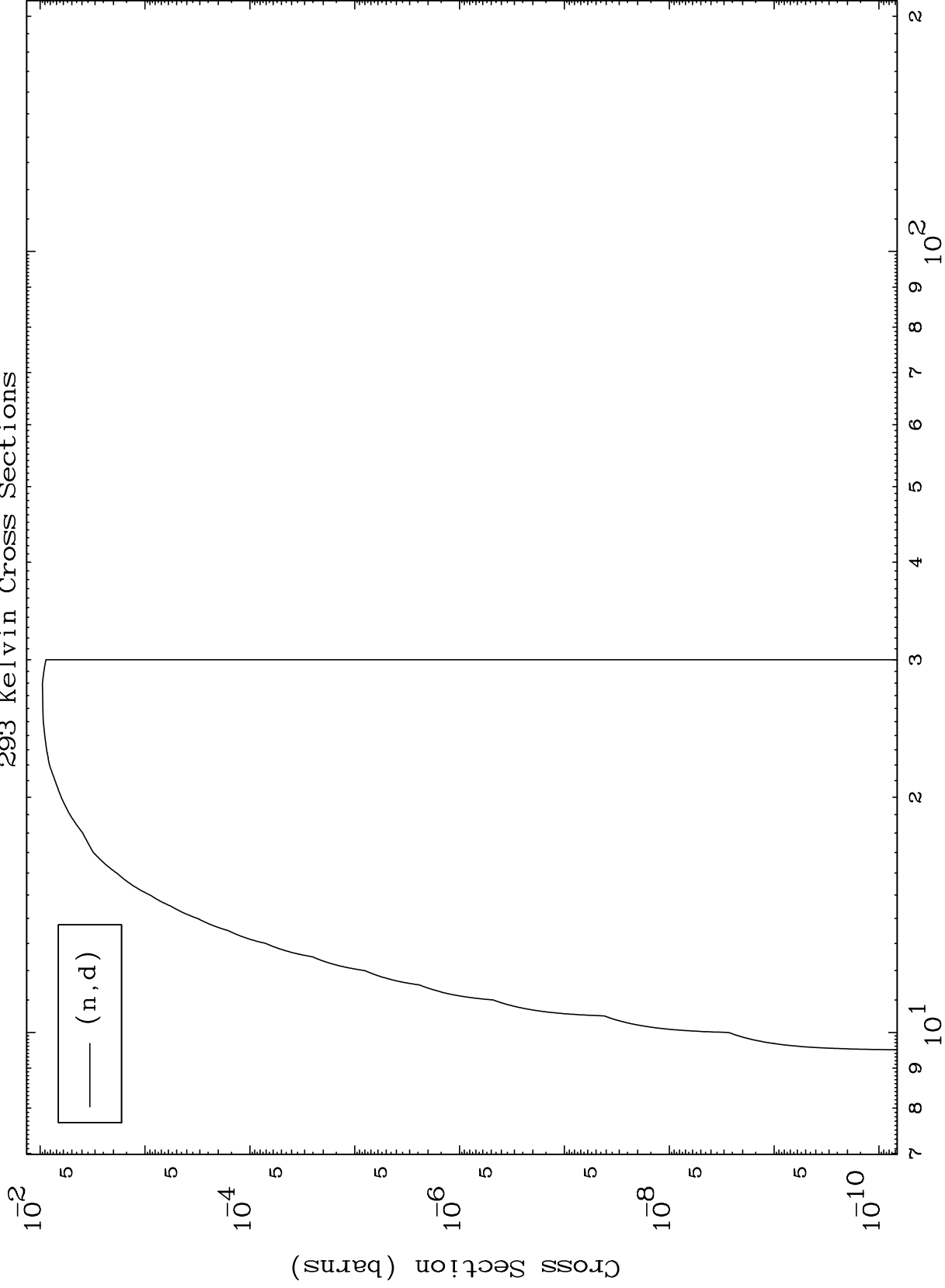
Incident Energy (MeV)

41-Nb-100

MAT 4146

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-100



11

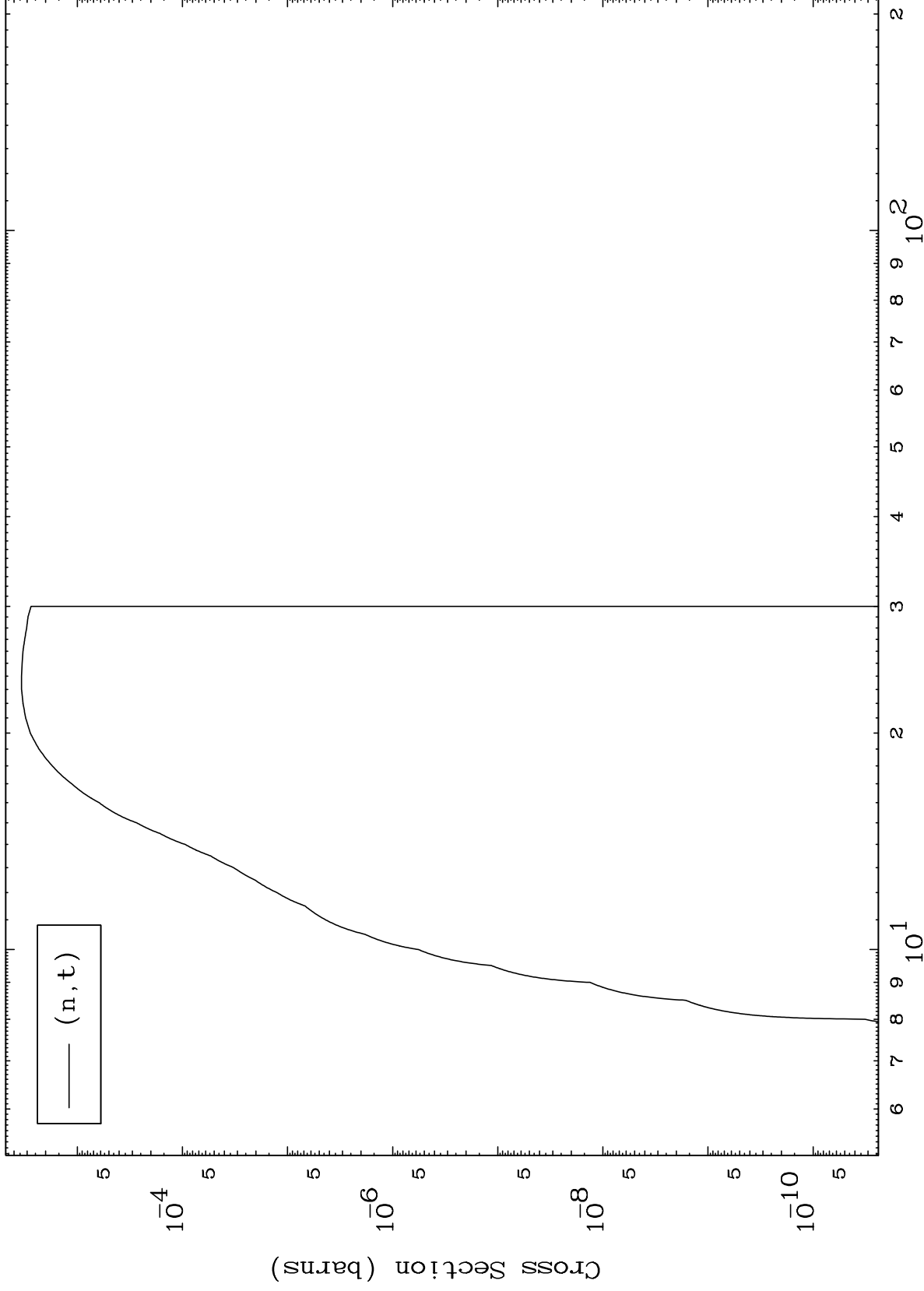
Incident Energy (MeV)

41-Nb-100

MAT 4146

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-100



12

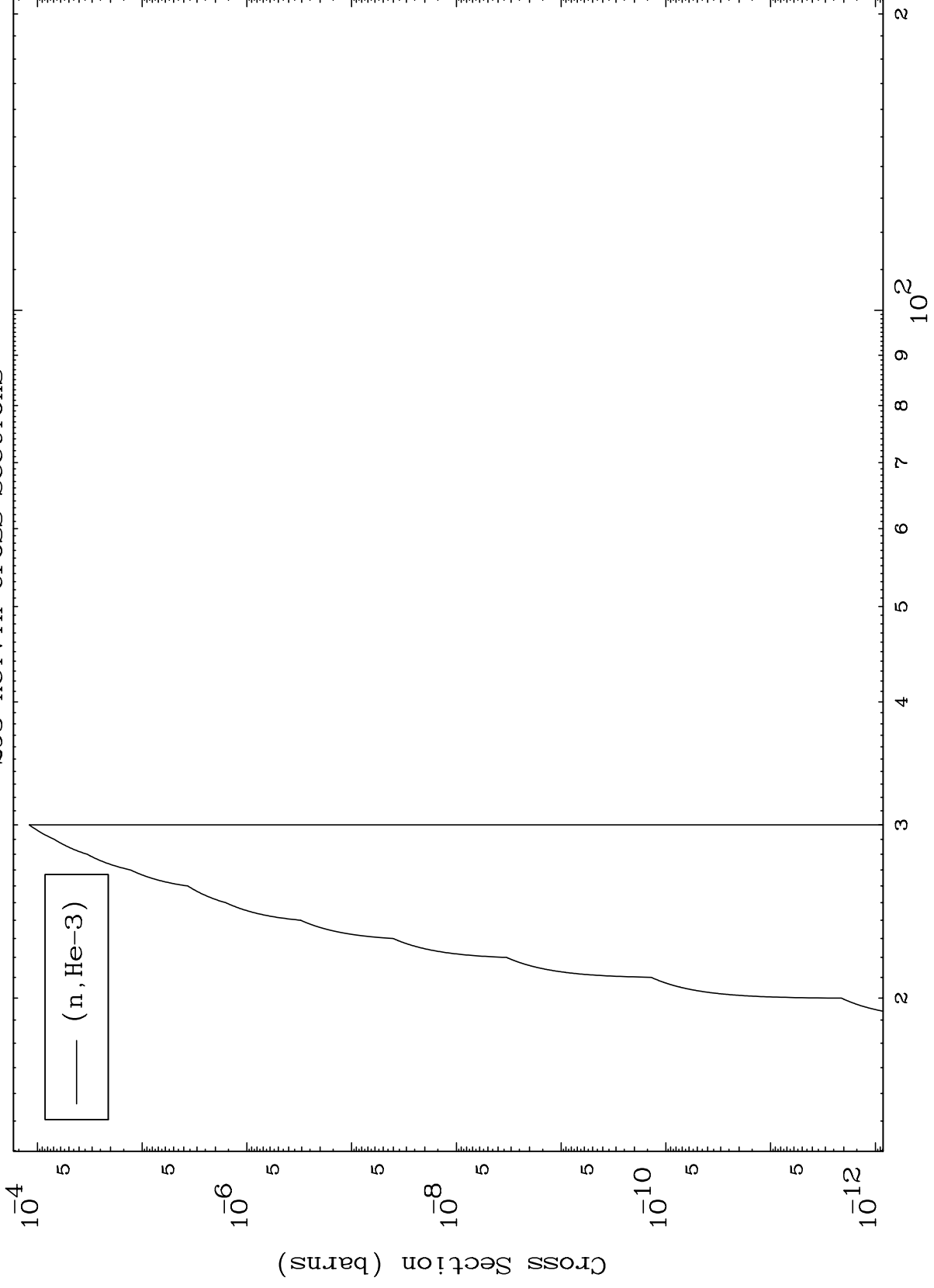
Incident Energy (MeV)

41-Nb-100

MAT 4146

(n,He3) Levels
293 Kelvin Cross Sections

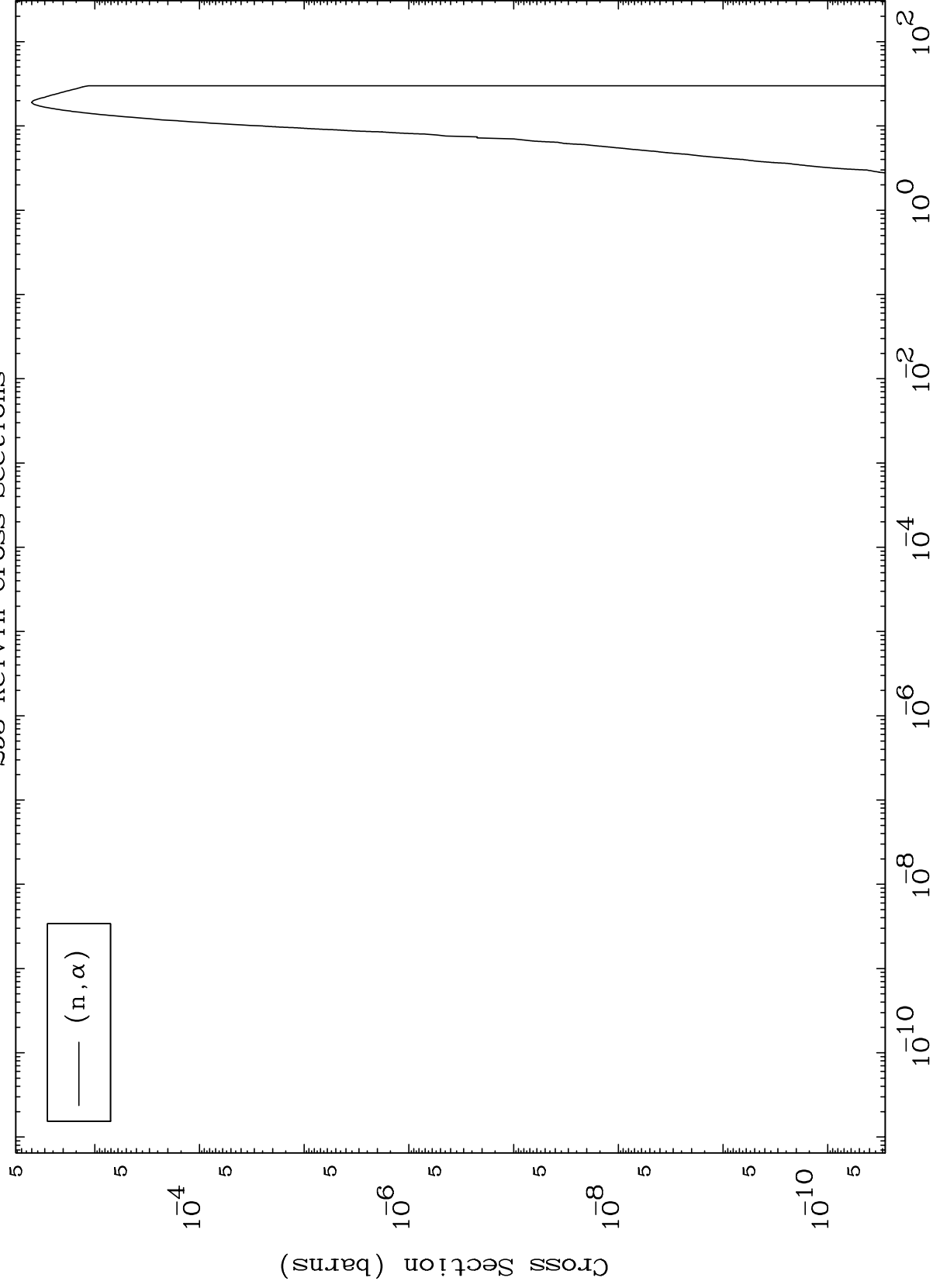
41-Nb-100



MAT 4146

(n, α) Levels
293 Kelvin Cross Sections

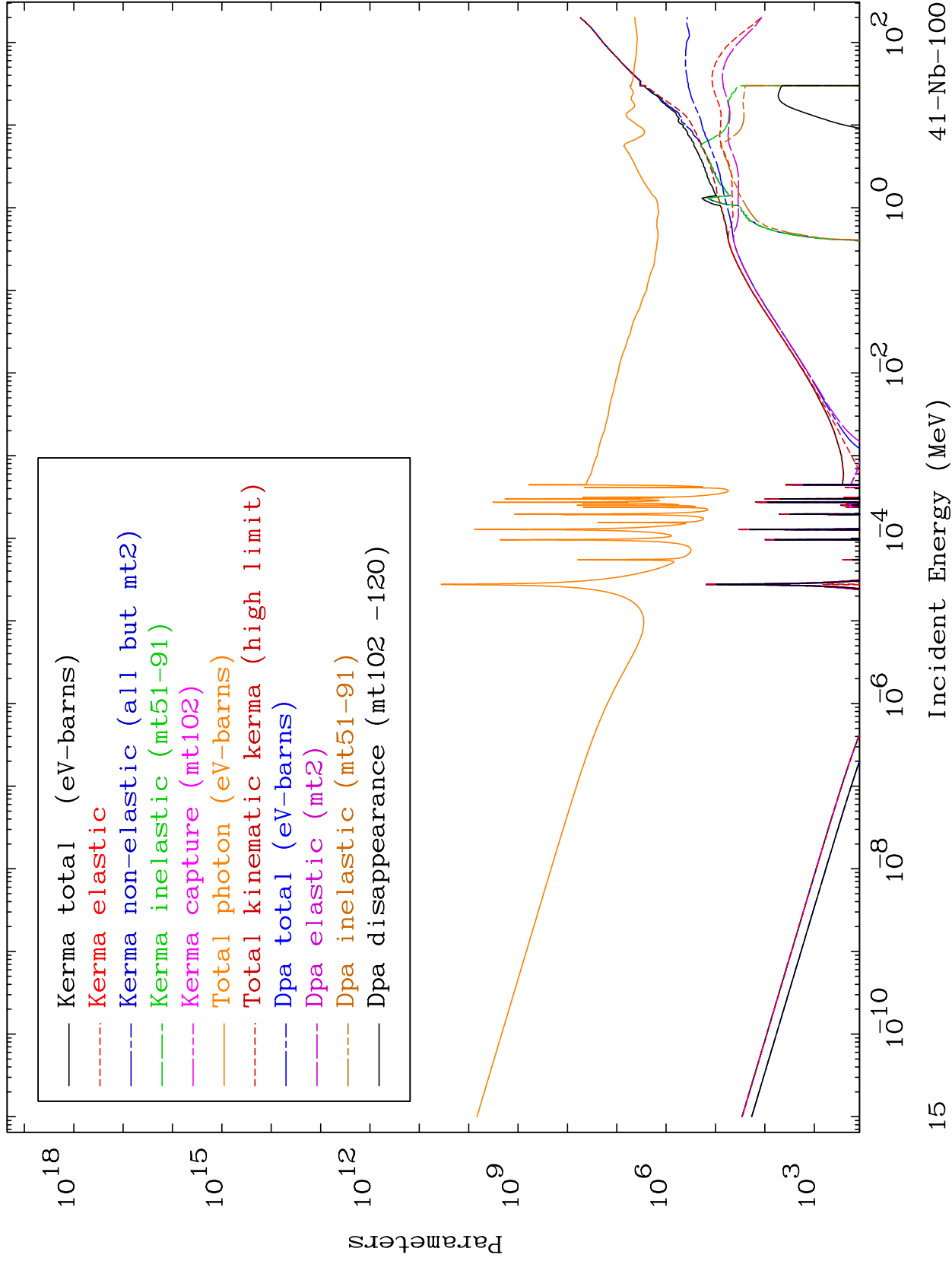
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14

Incident Energy (MeV)

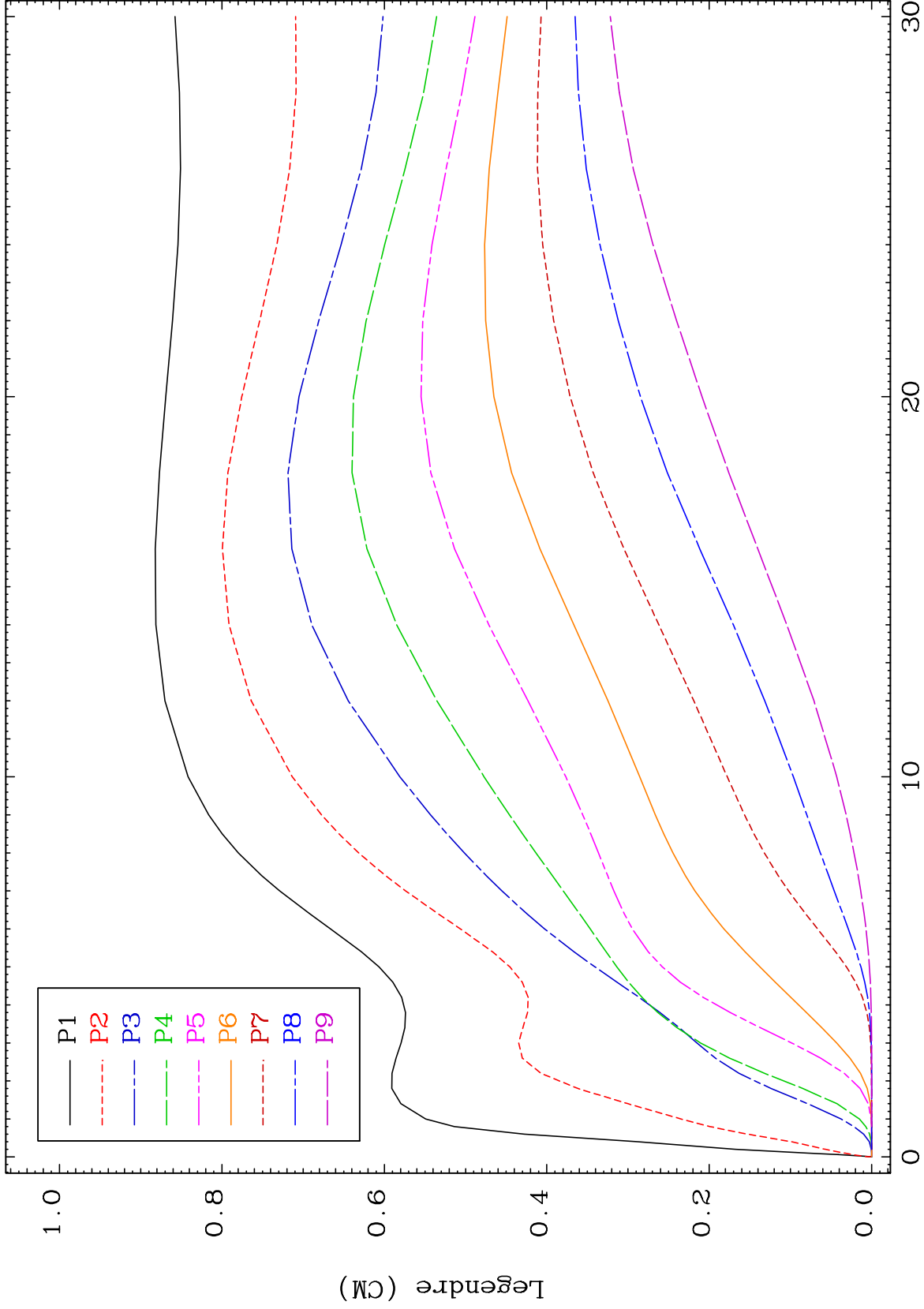
41-Nb-100



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Elastic Legendre Coefficients

41-Nb-100



16

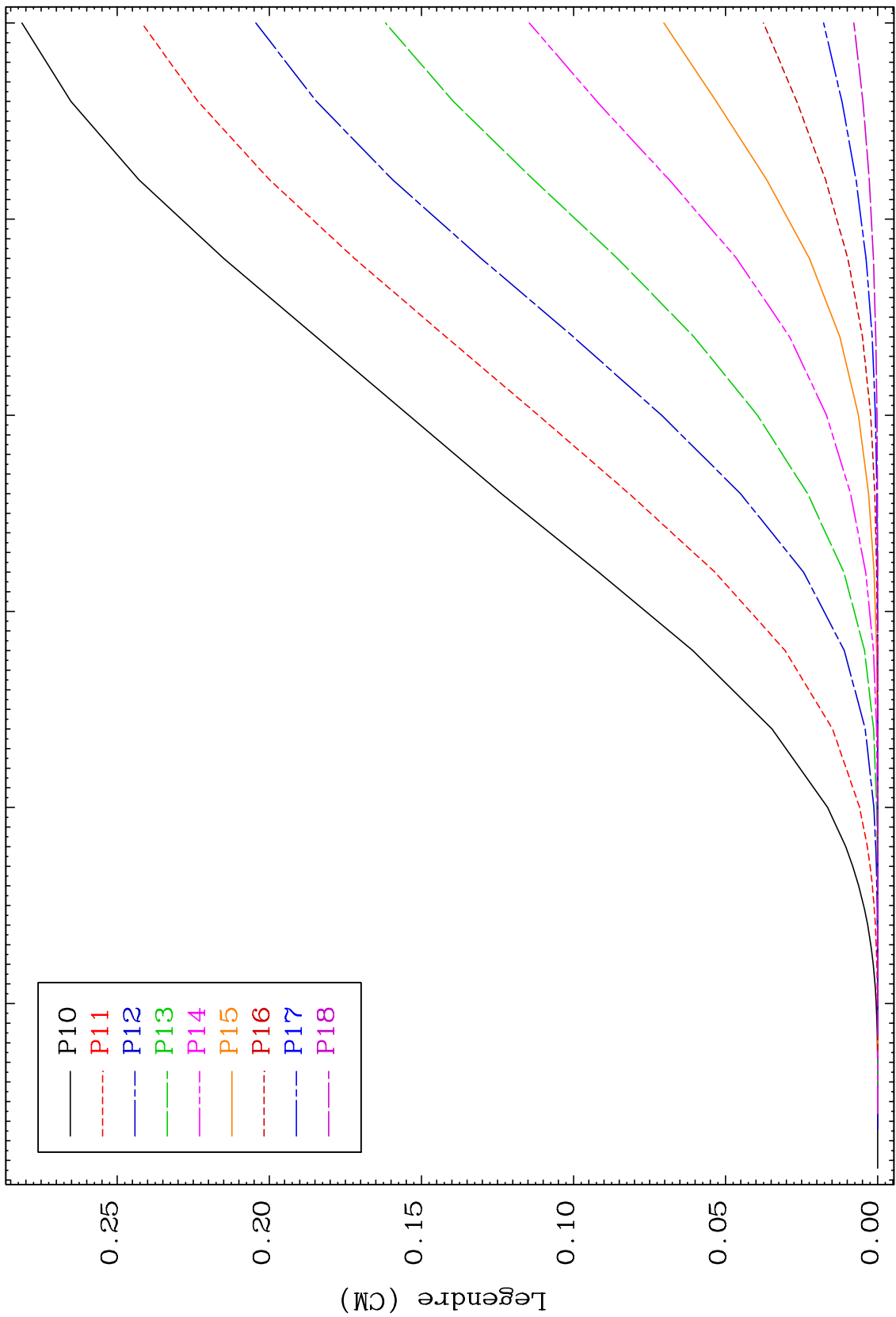
Incident Energy (MeV)

41-Nb-100

MAT 4146

Elastic Legendre Coefficients

41-Nb-100



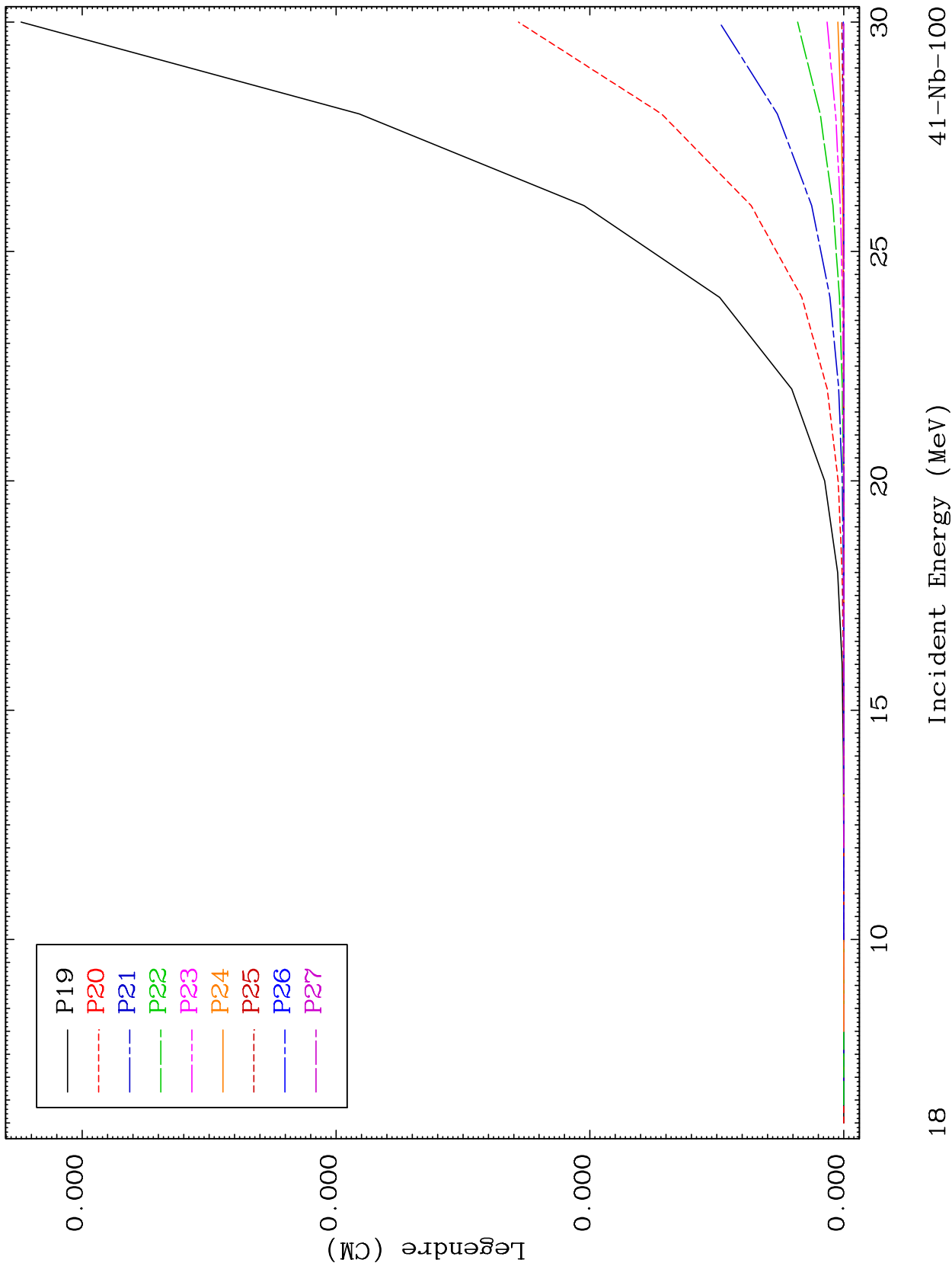
17

41-Nb-100

MAT 4146

Elastic Legendre Coefficients

41-Nb-100



18

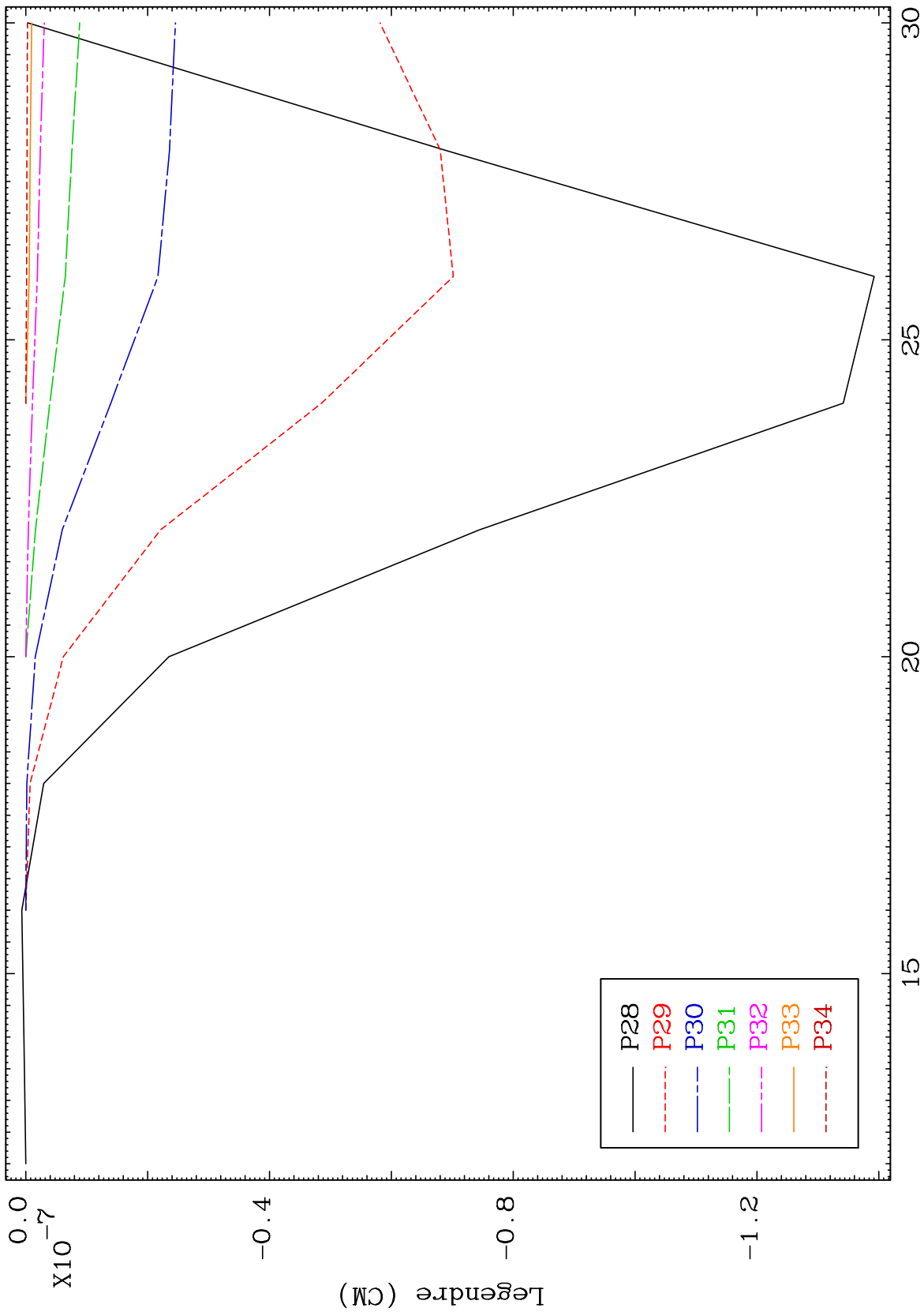
Incident Energy (MeV)

41-Nb-100

MAT 4146

41-Nb-100

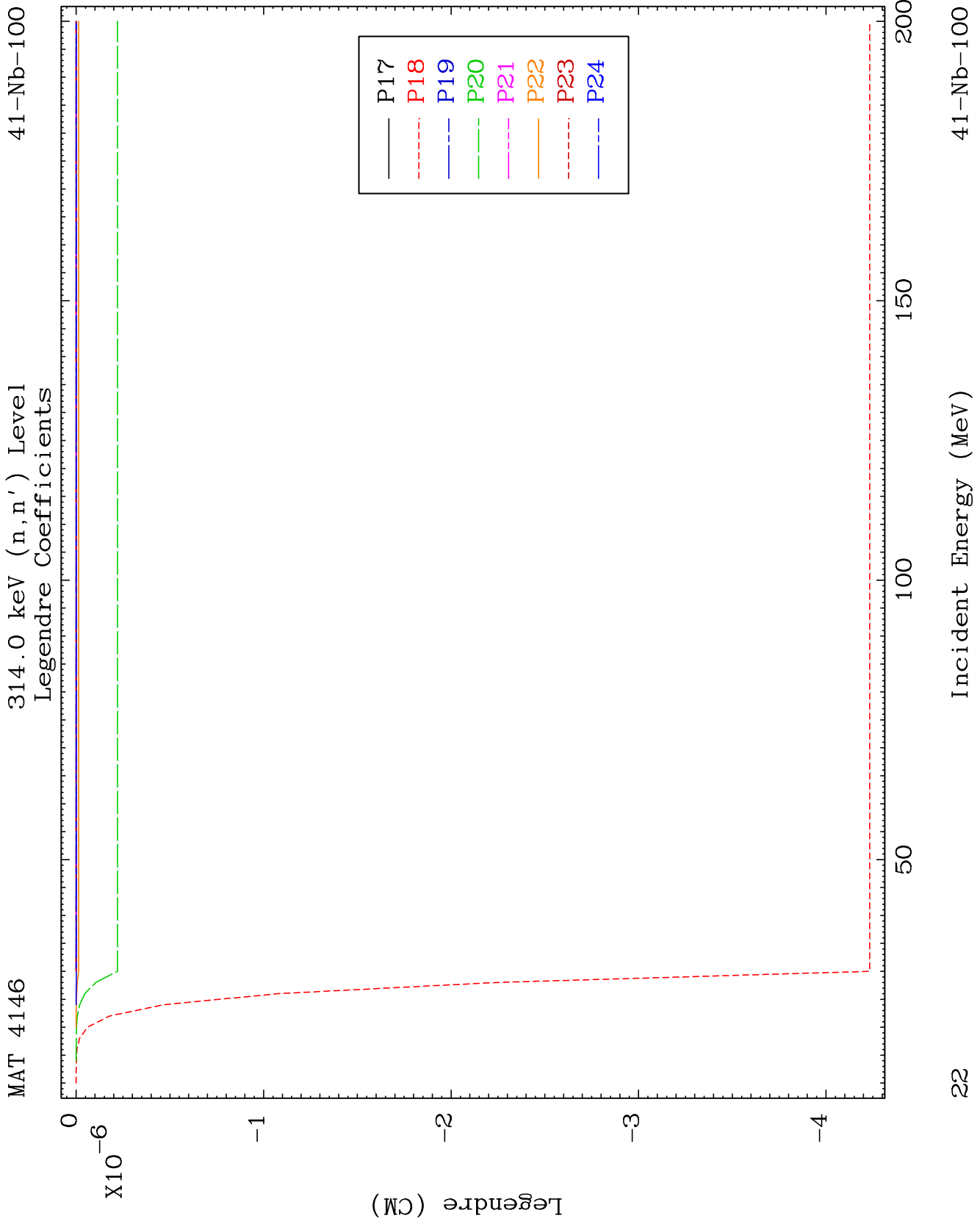
Elastic Legendre Coefficients

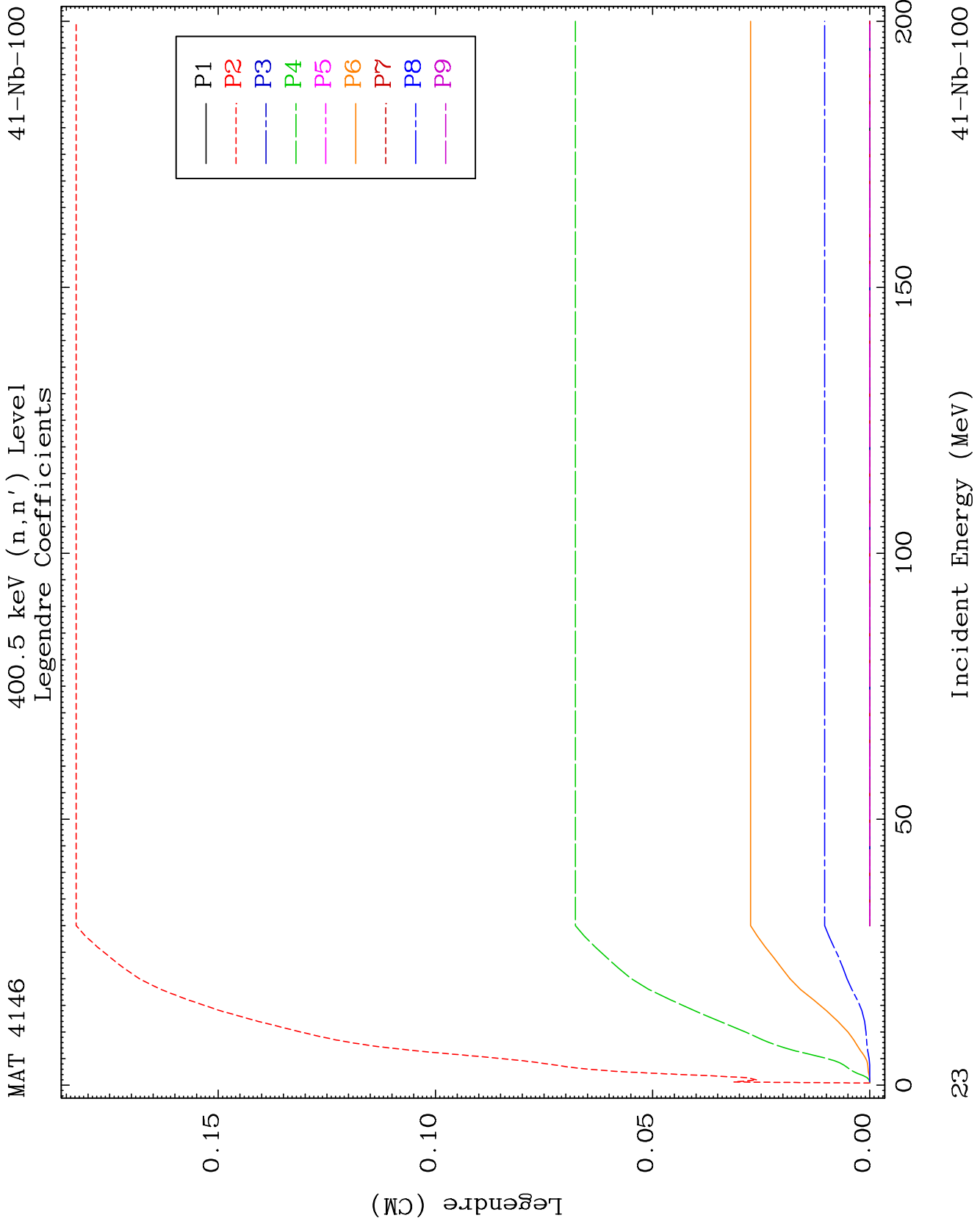


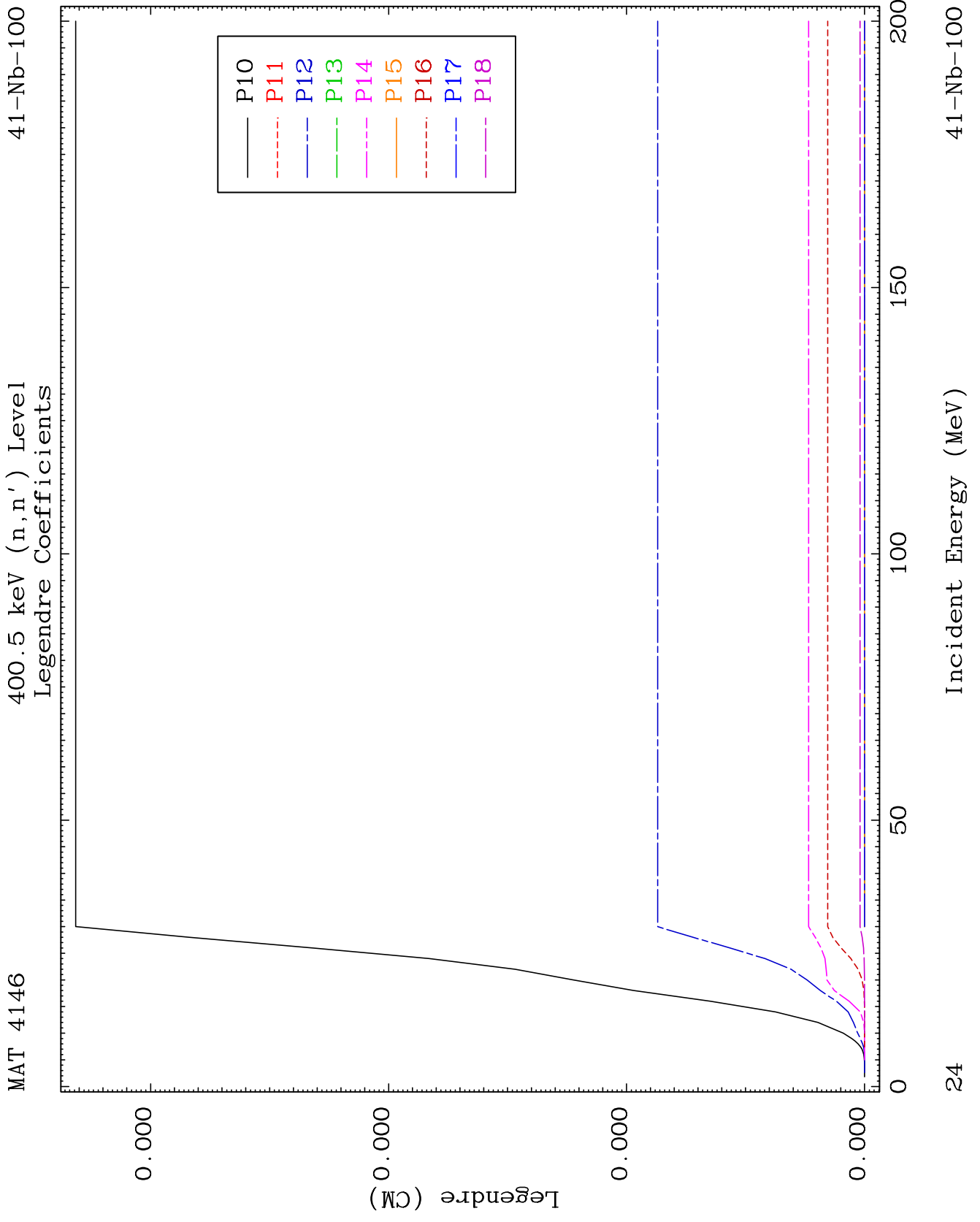
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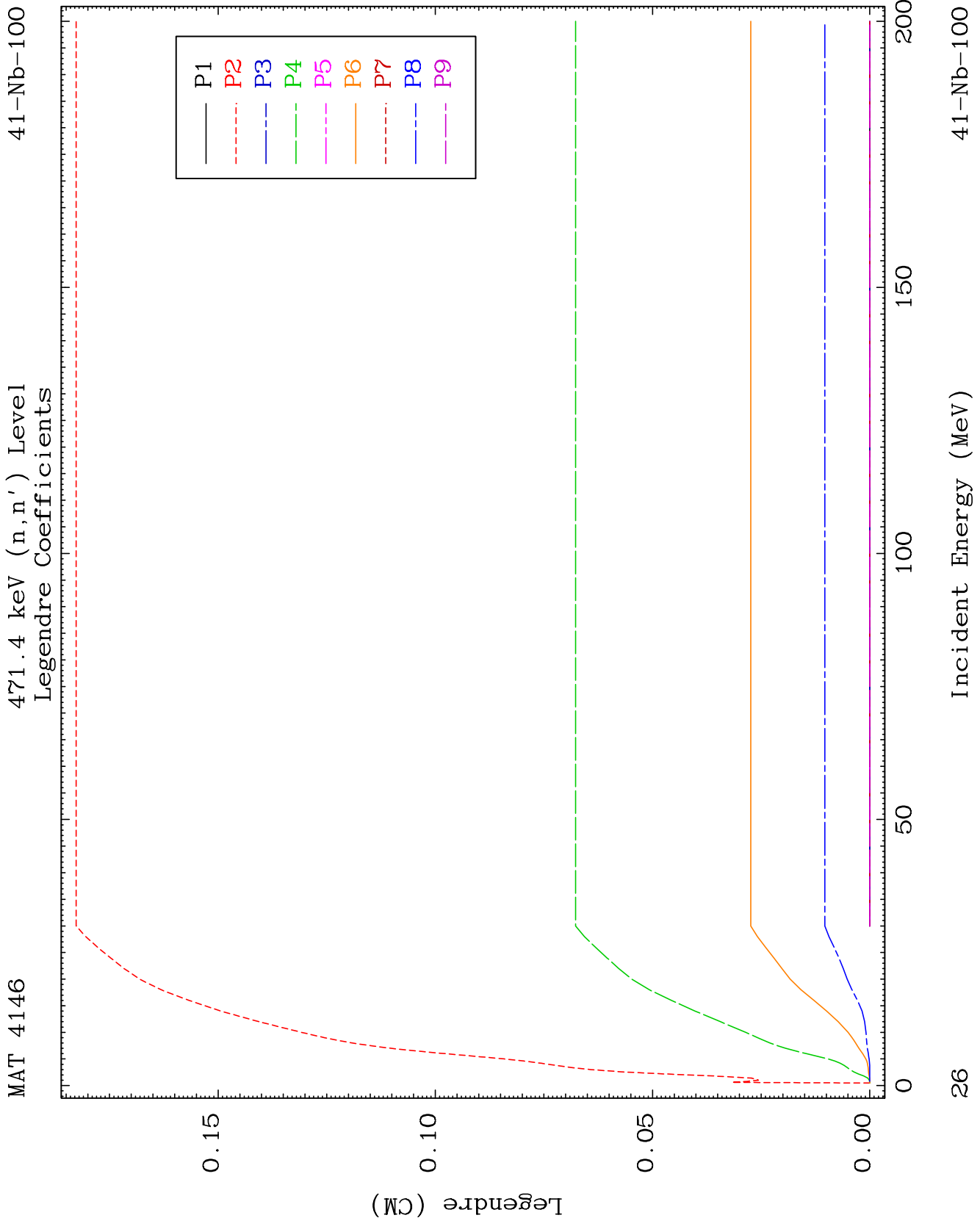
Incident Energy (MeV)

41-Nb-100





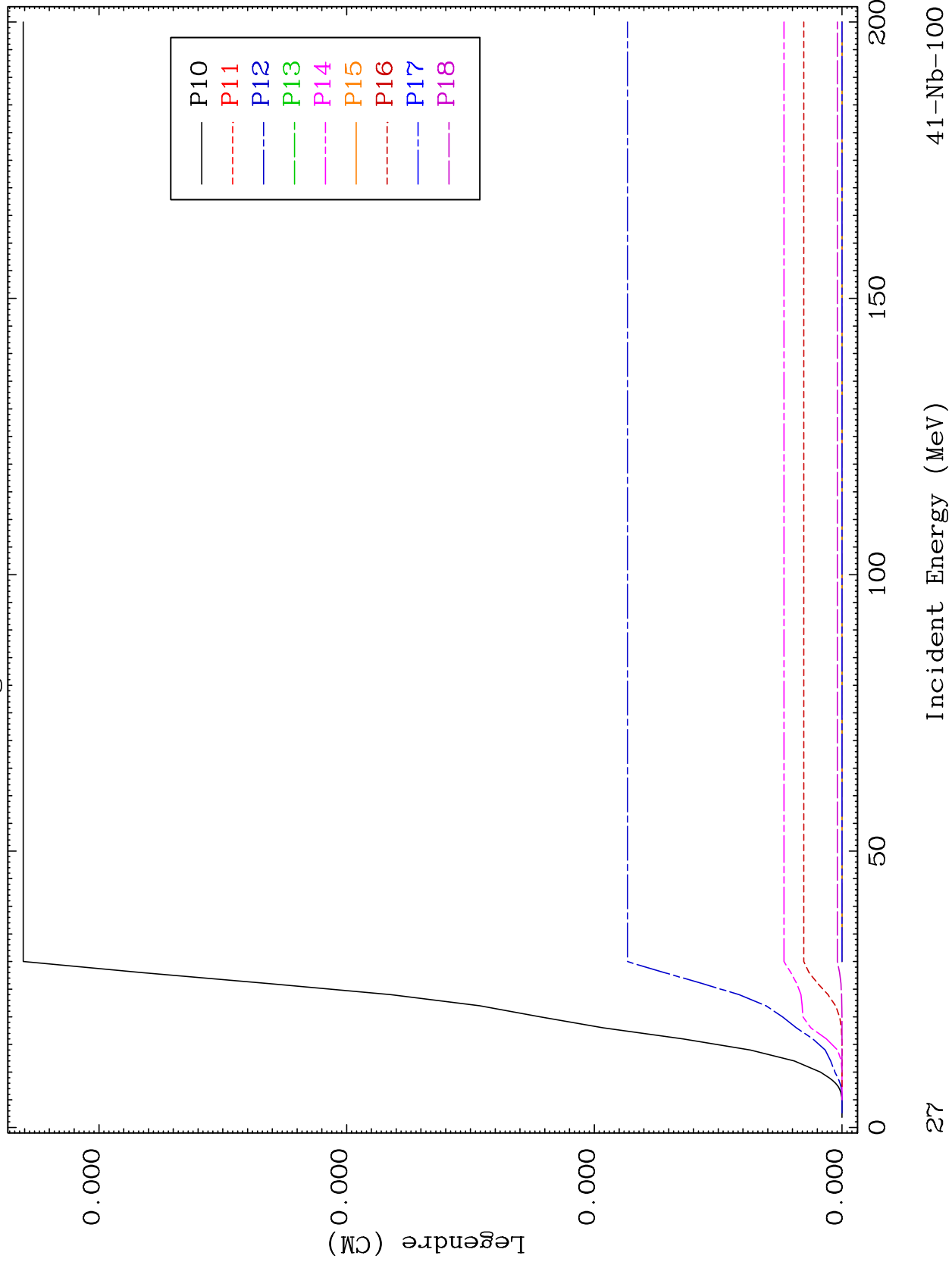




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471.4 keV (n,n') Level
Legendre Coefficients

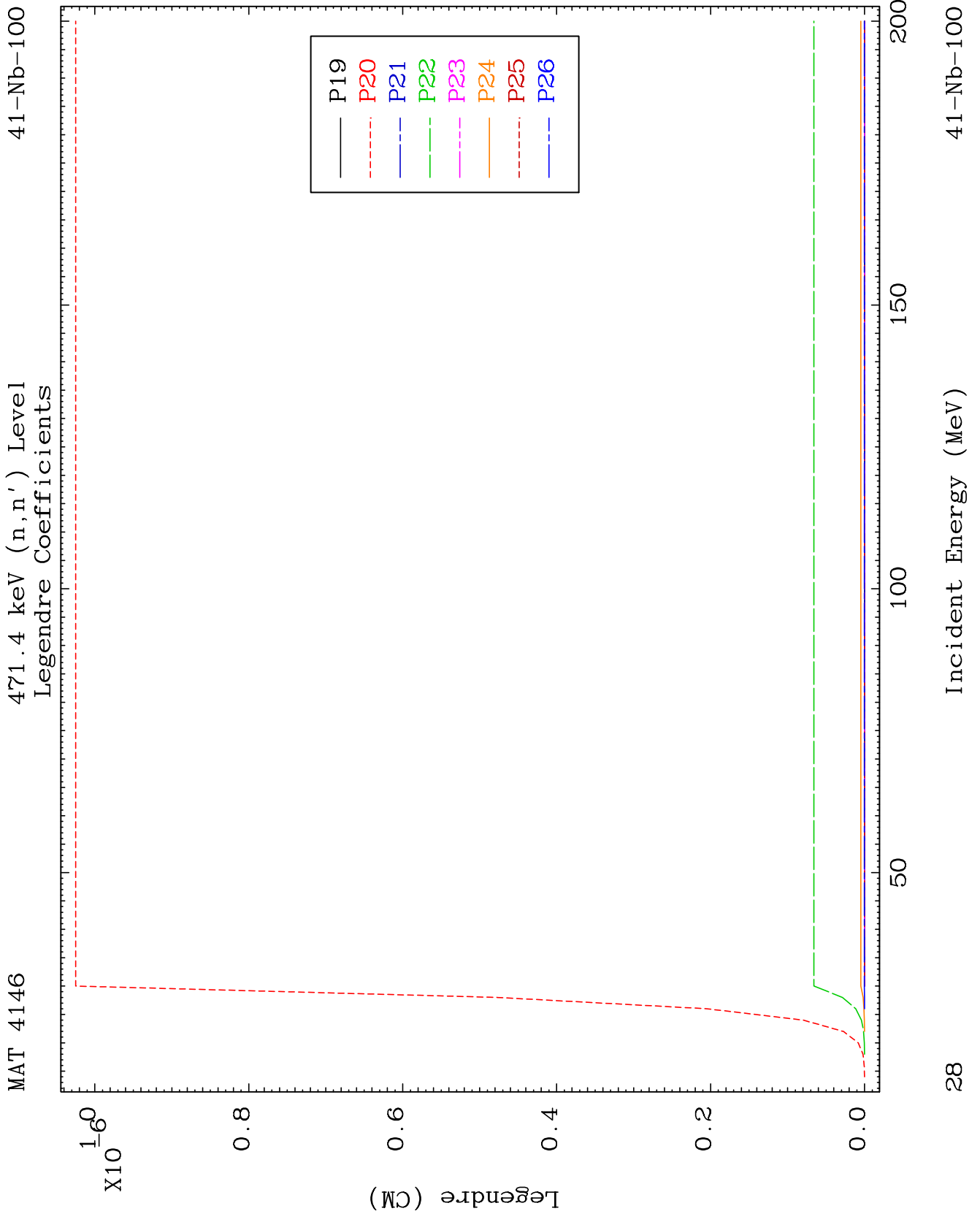
41-Nb-100



27

Incident Energy (MeV)

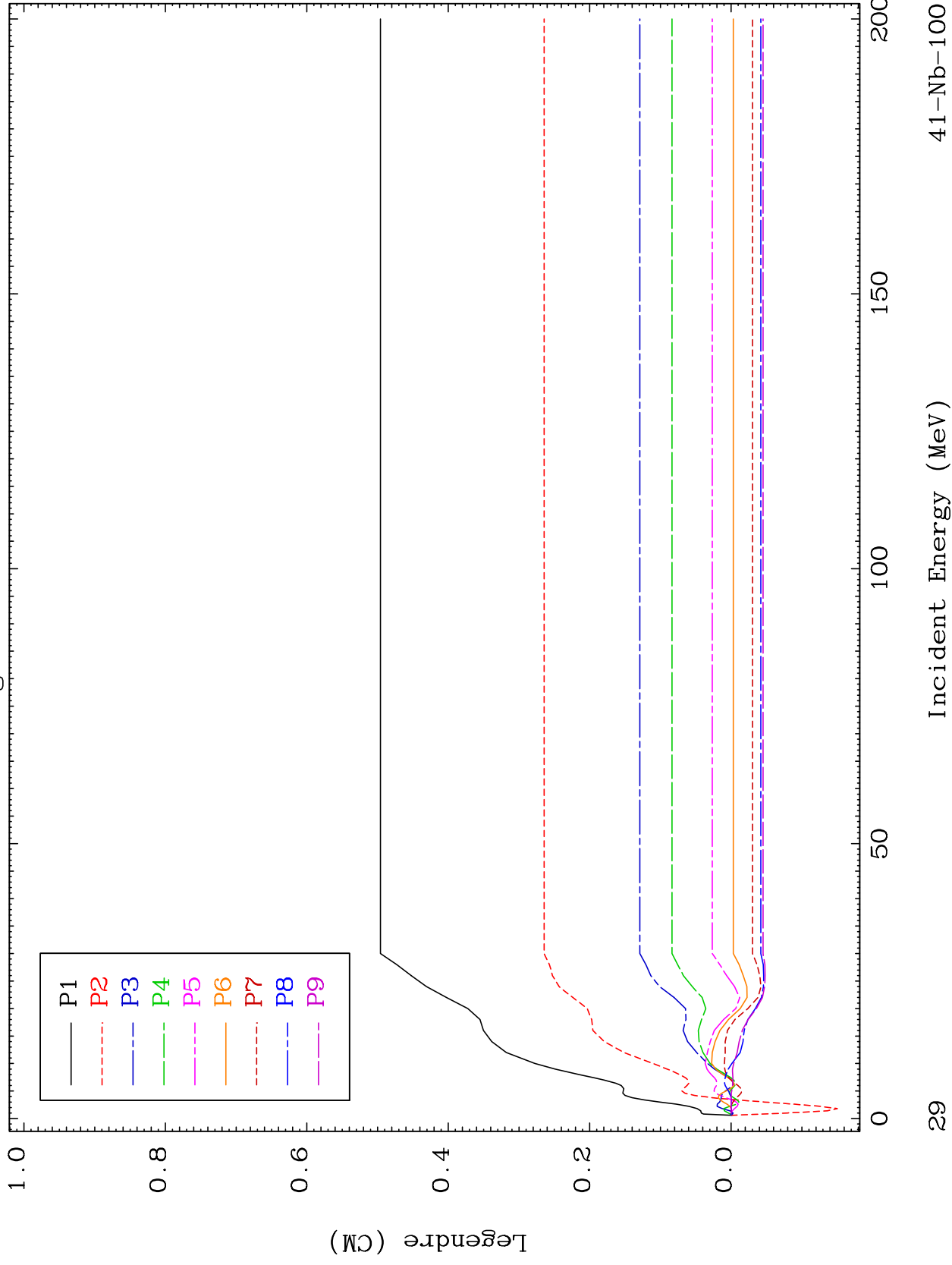
41-Nb-100



MAT 4146

498.1 keV (n,n') Level
Legendre Coefficients

41-Nb-100



29

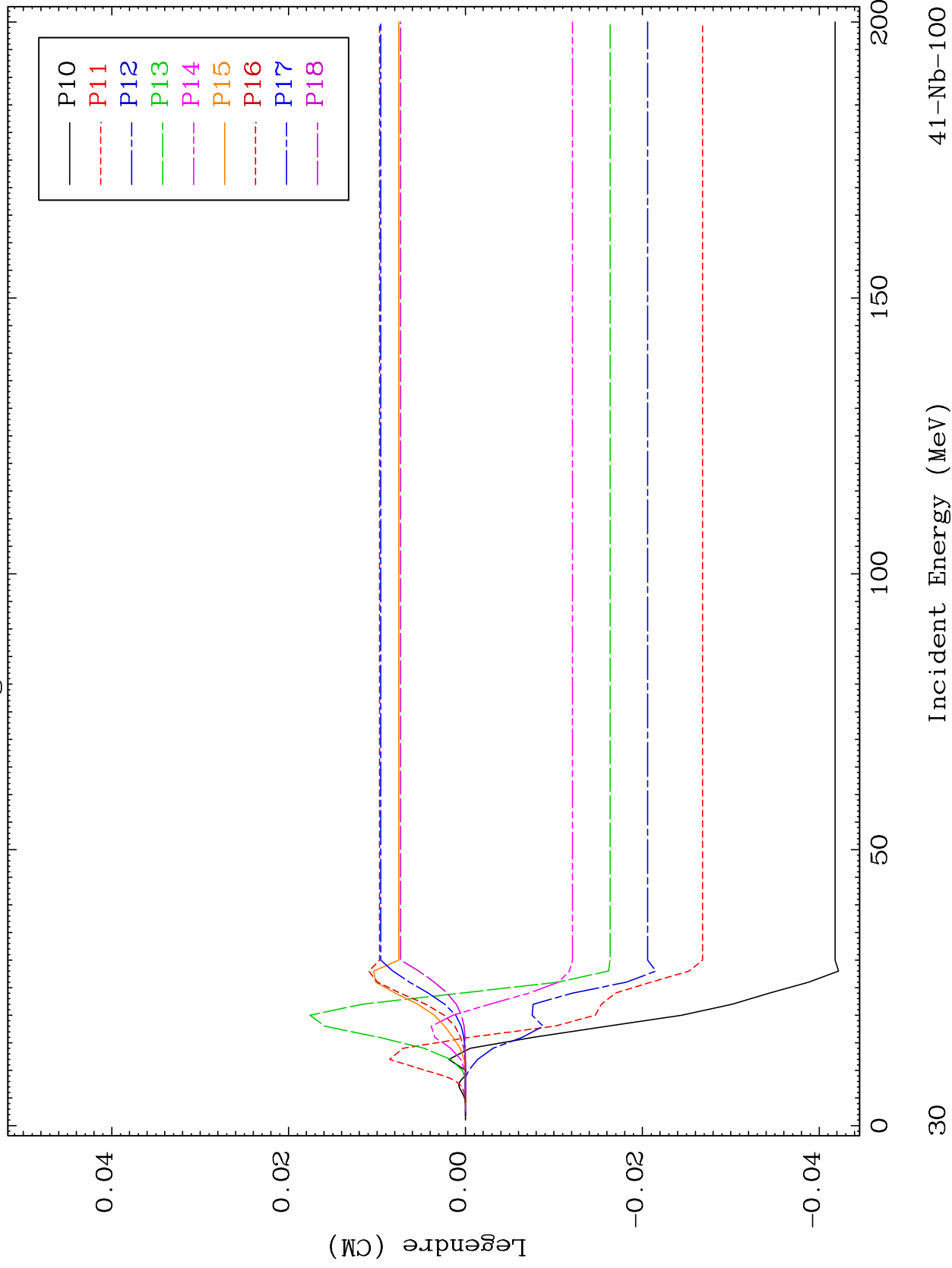
Incident Energy (MeV)

41-Nb-100

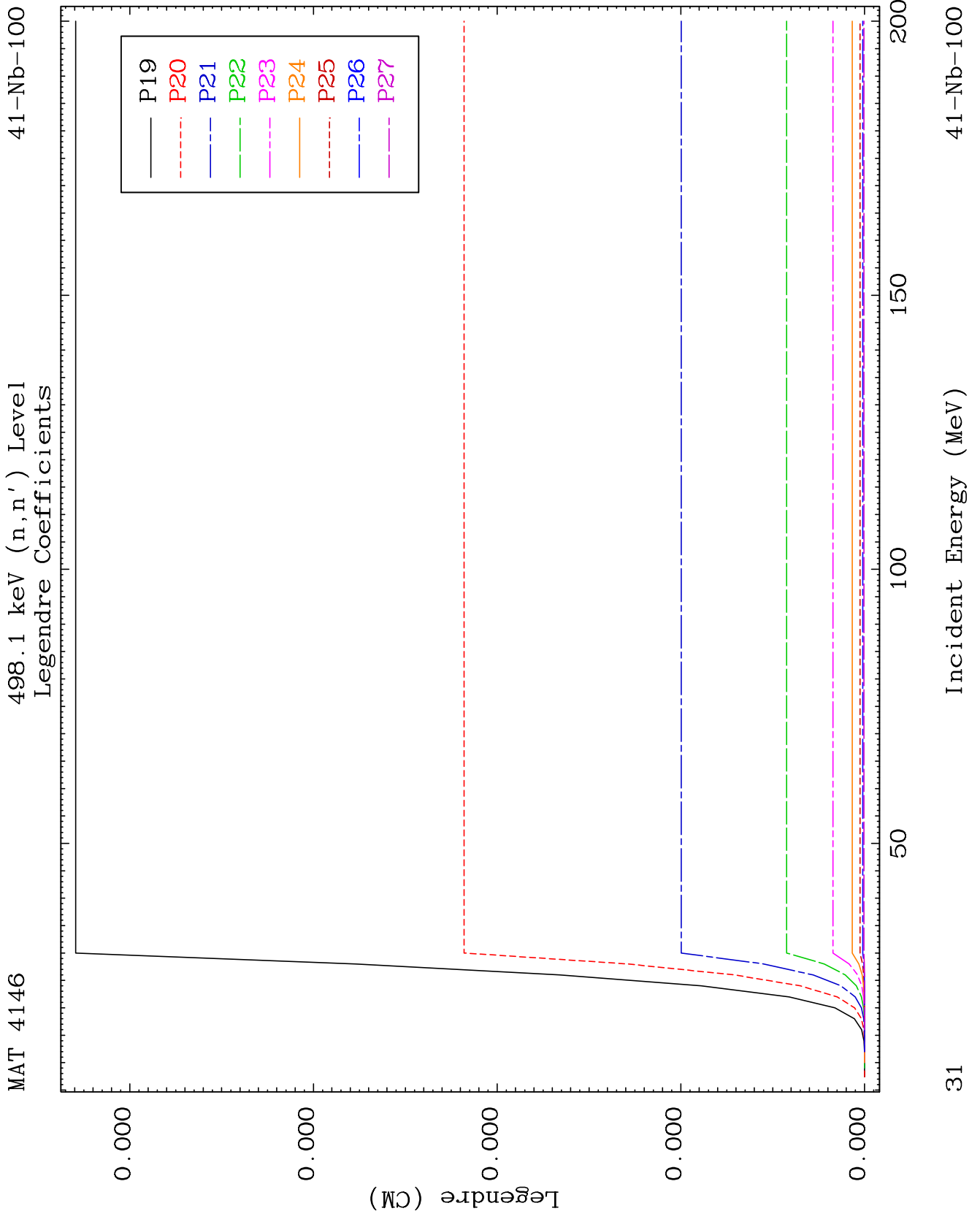
MAT 4146

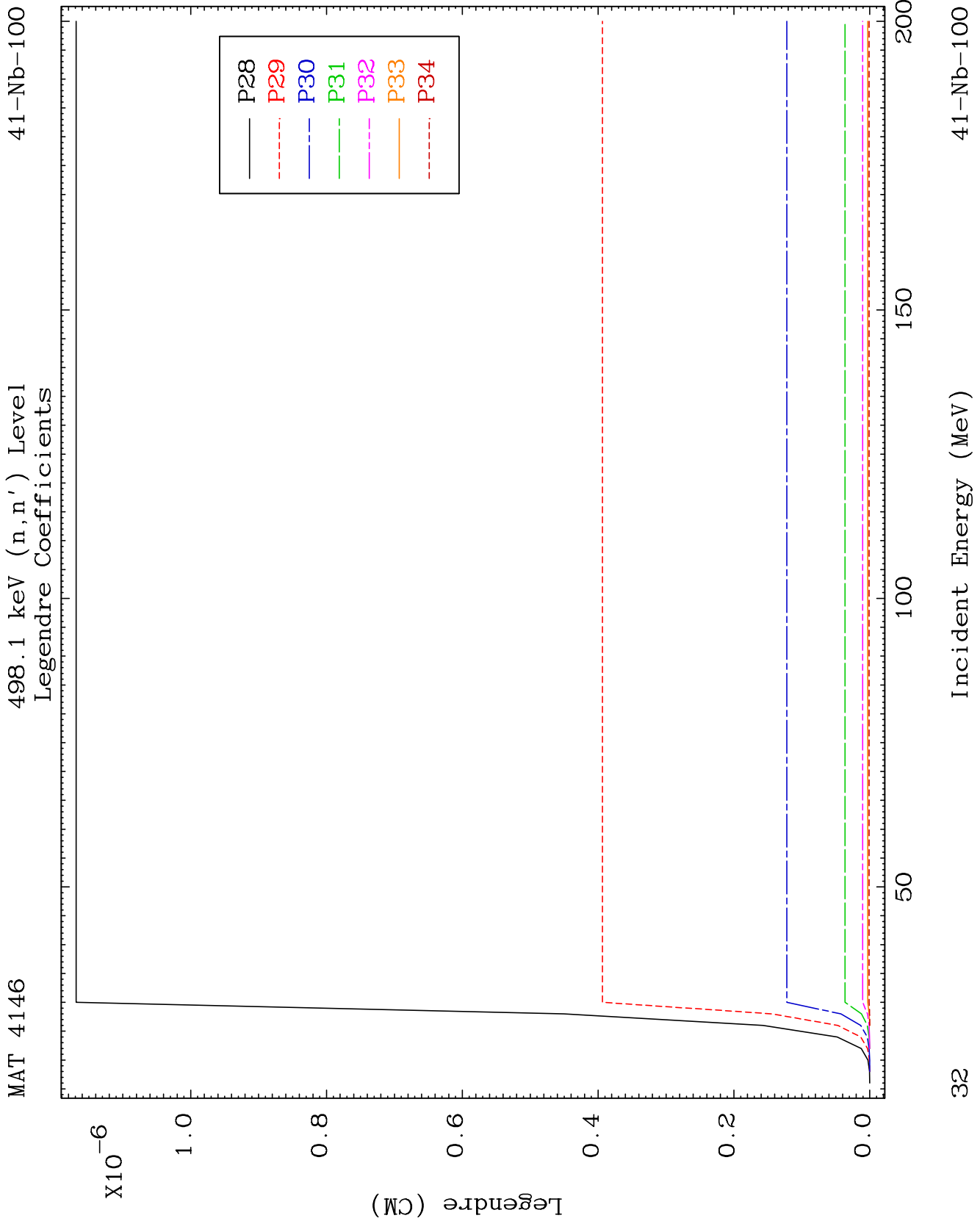
498.1 keV (n,n') Level
Legendre Coefficients

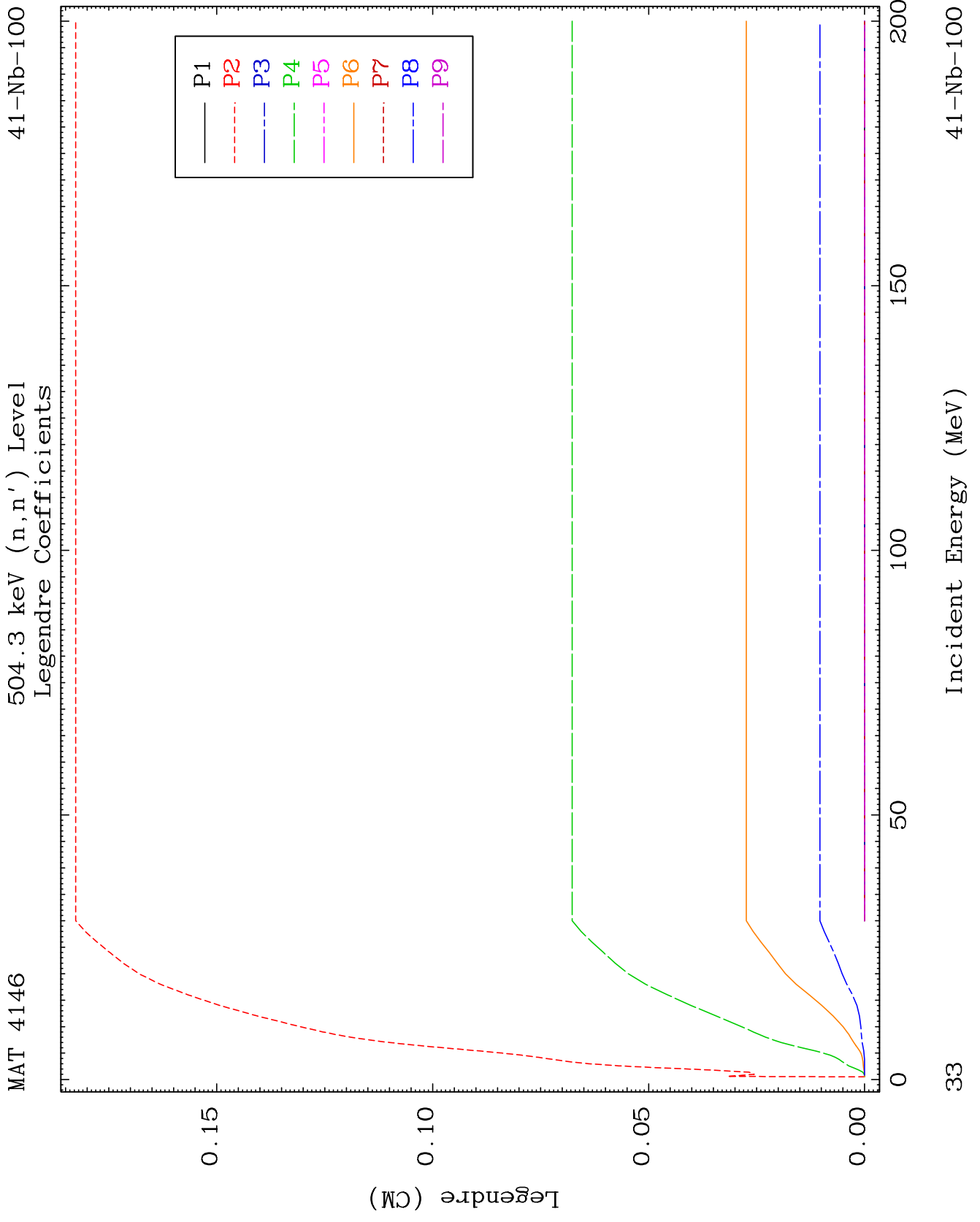
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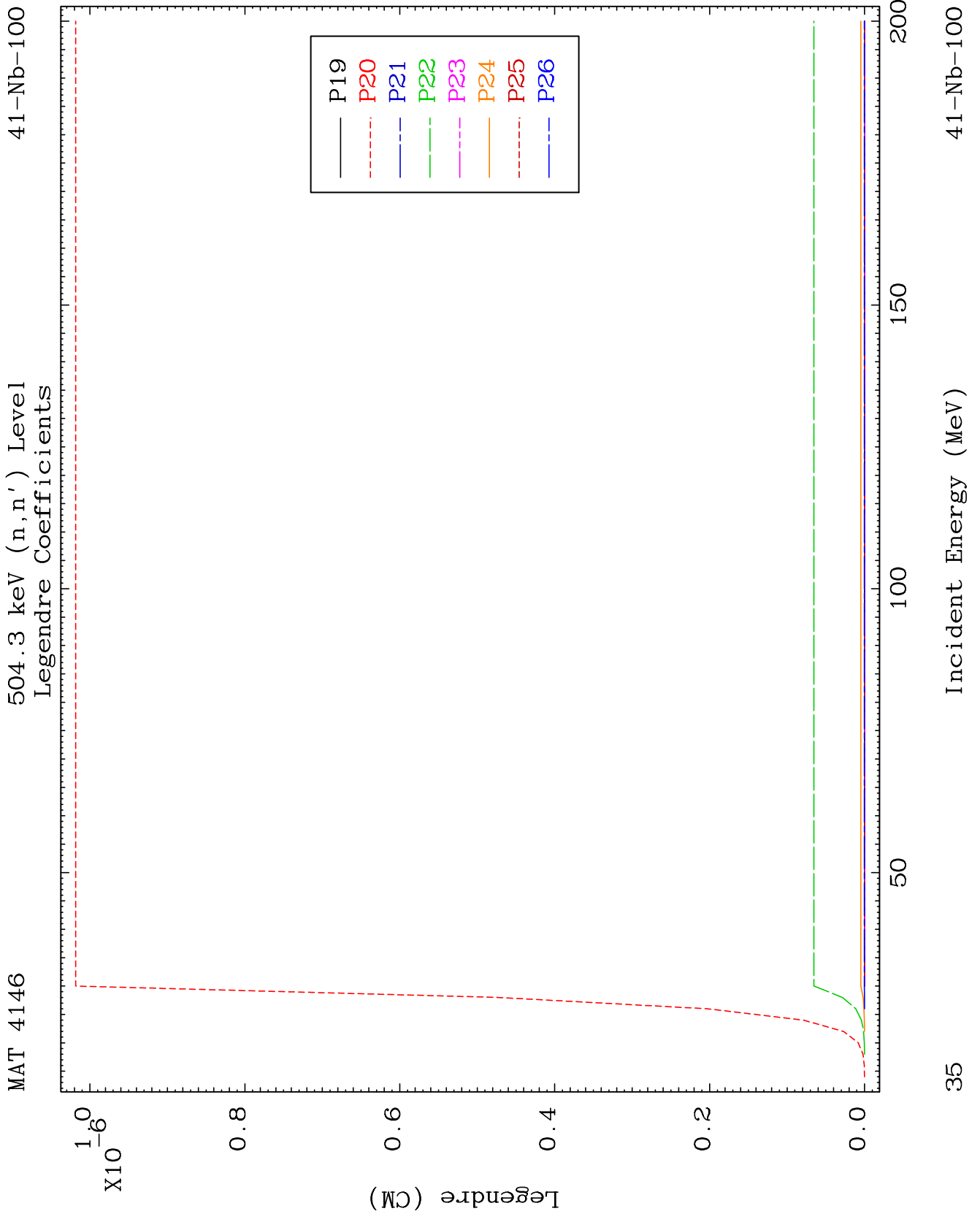


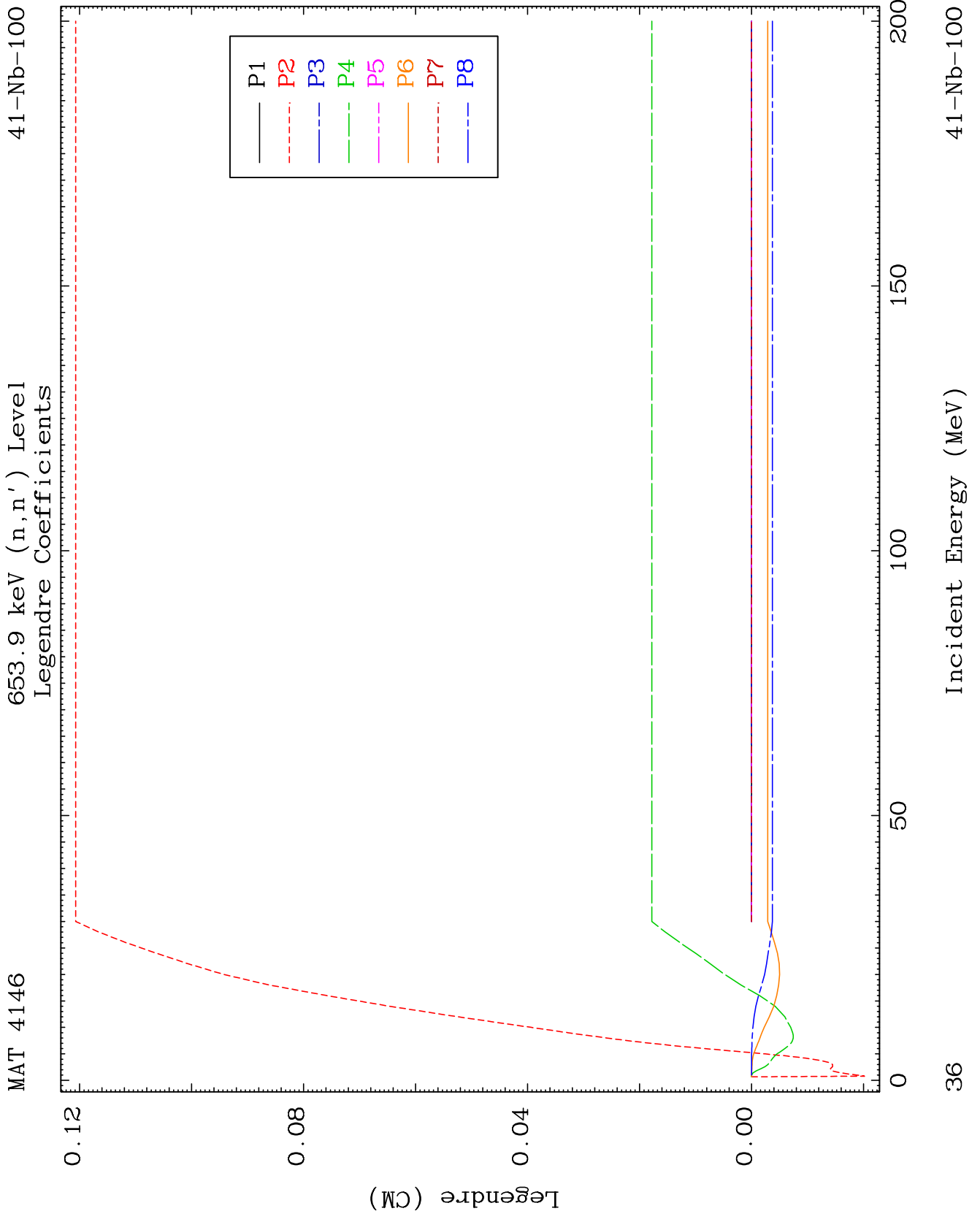
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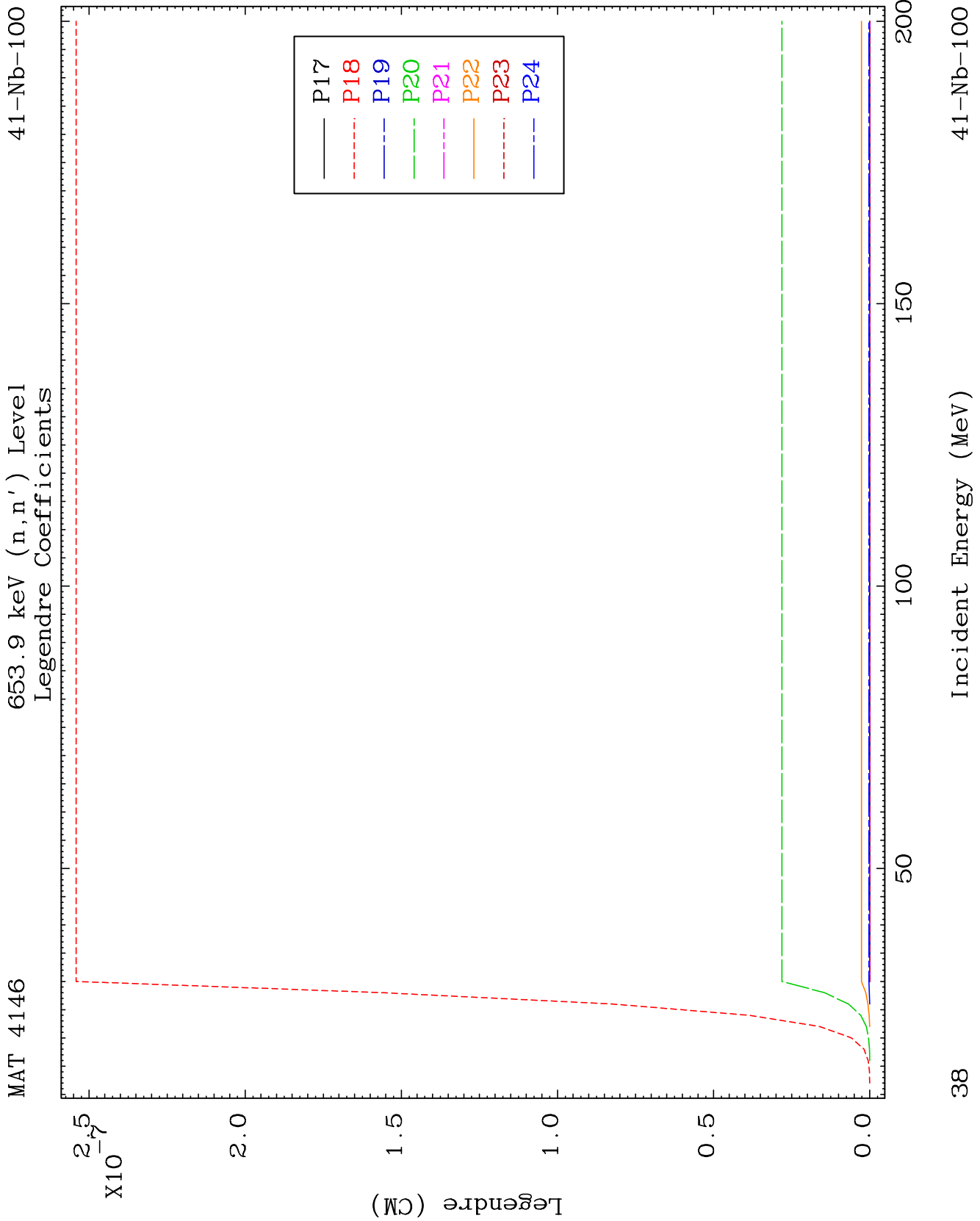








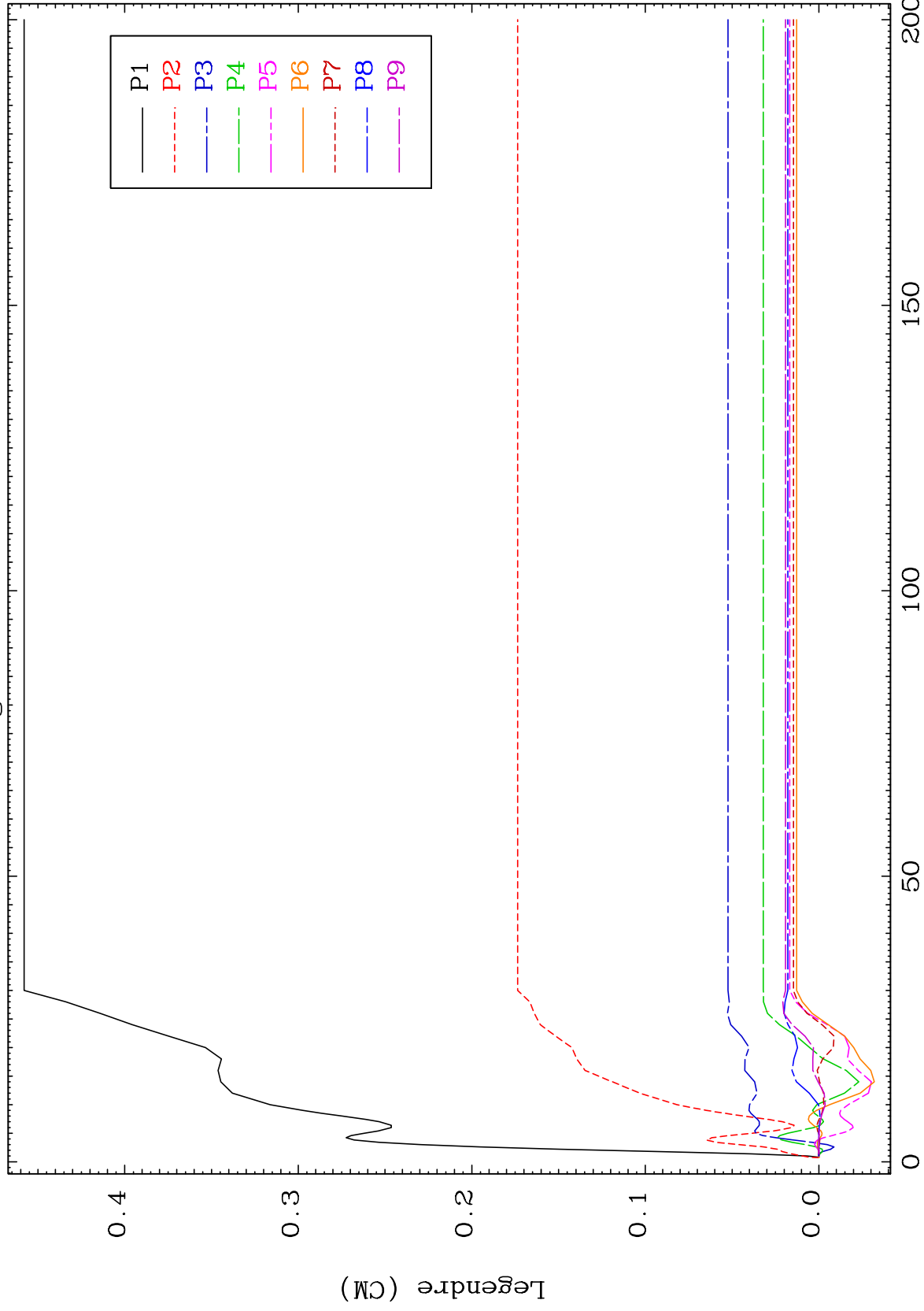




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703.6 keV (n,n') Level
Legendre Coefficients

41-Nb-100



39

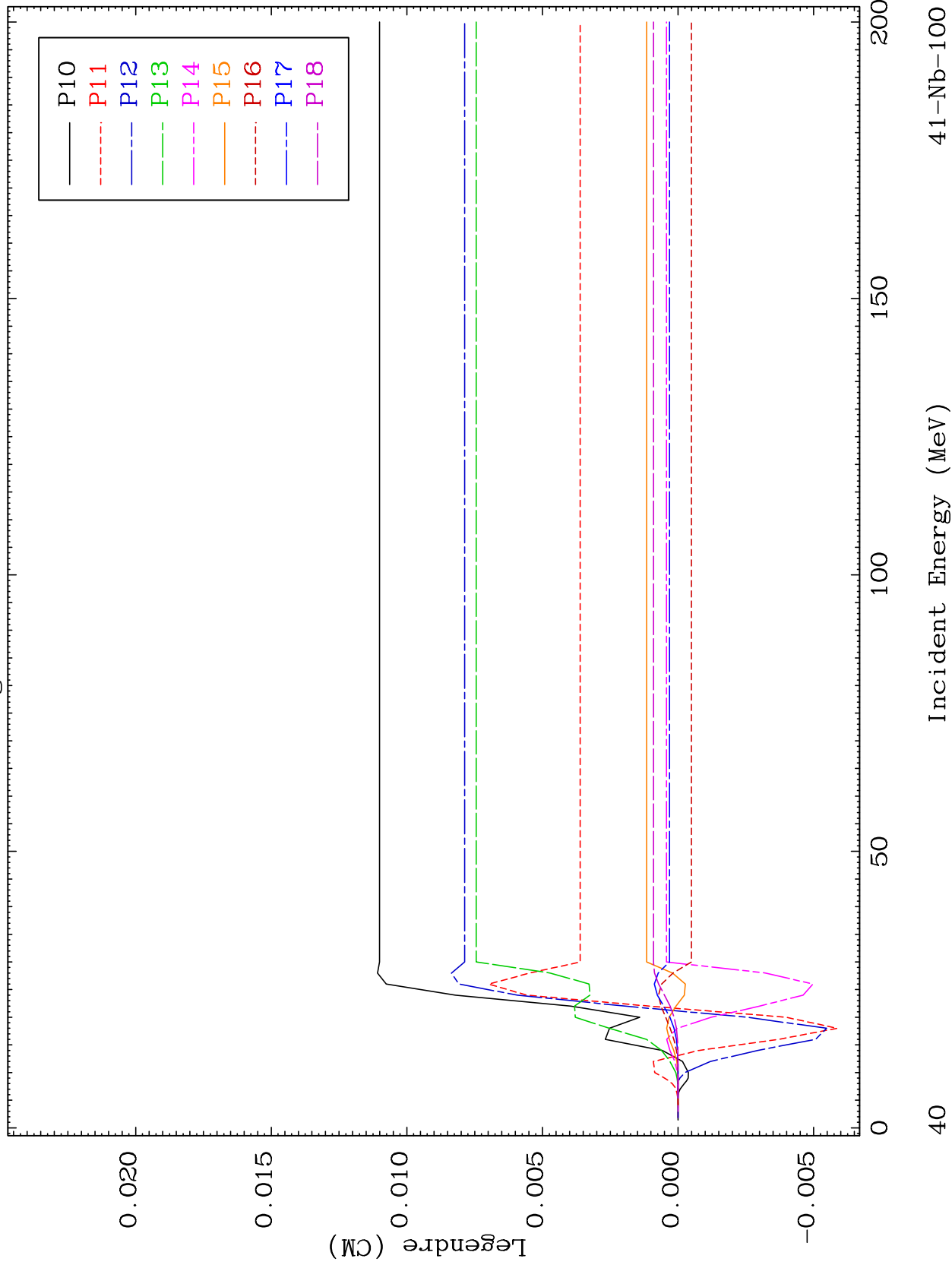
Incident Energy (MeV)

41-Nb-100

MAT 4146

703.6 keV (n,n') Level
Legendre Coefficients

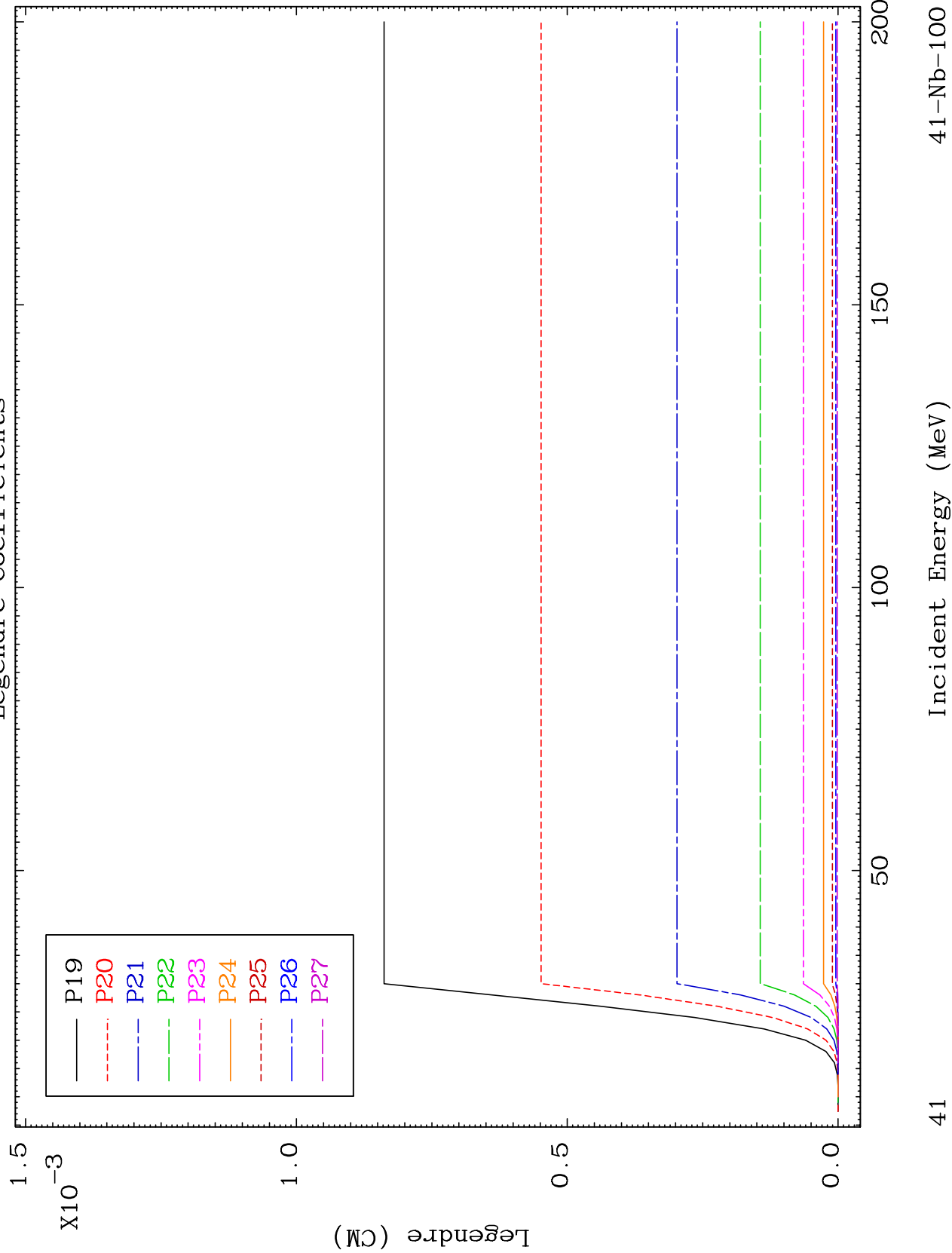
41-Nb-100



MAT 4146

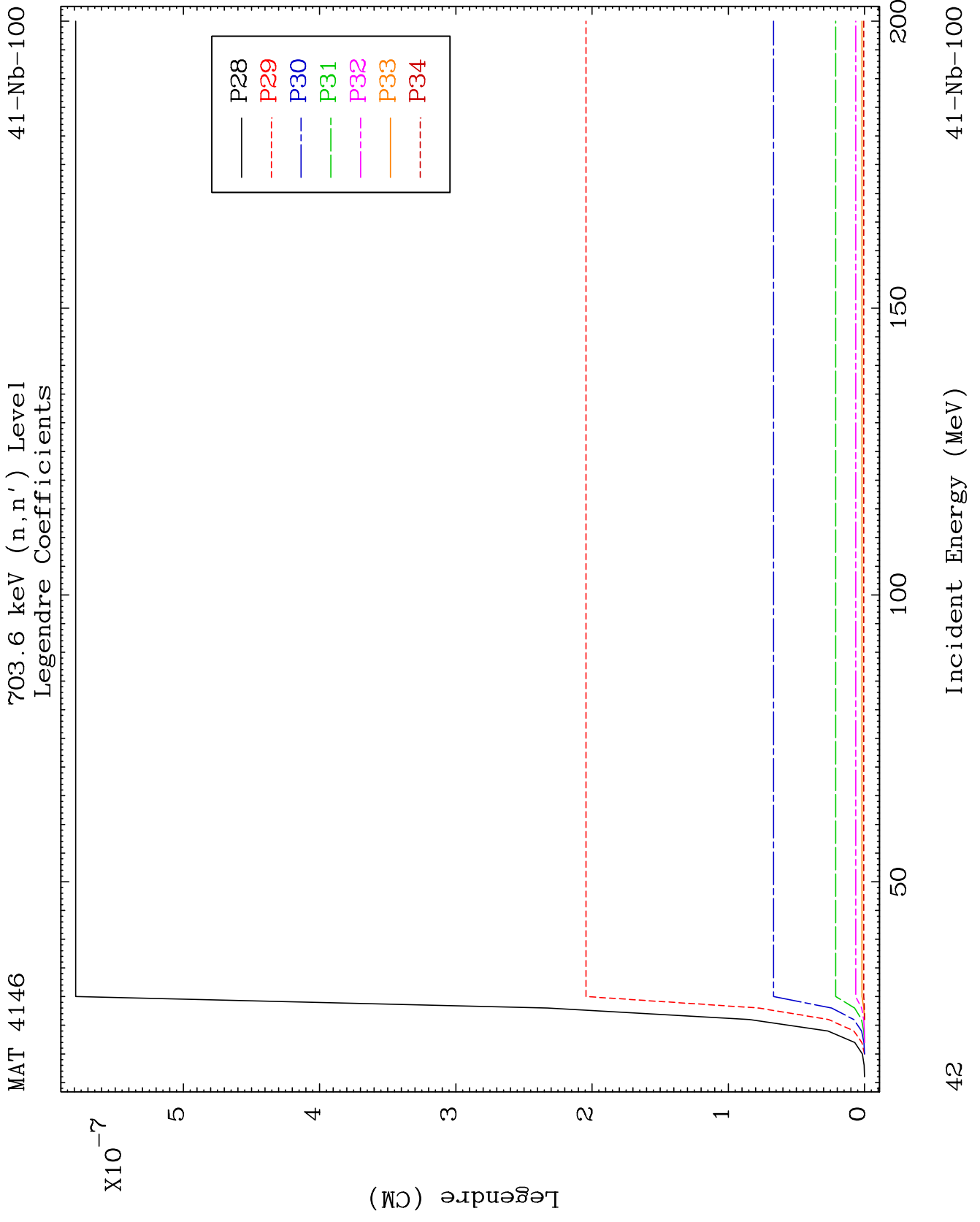
703.6 keV (n,n') Level
Legendre Coefficients

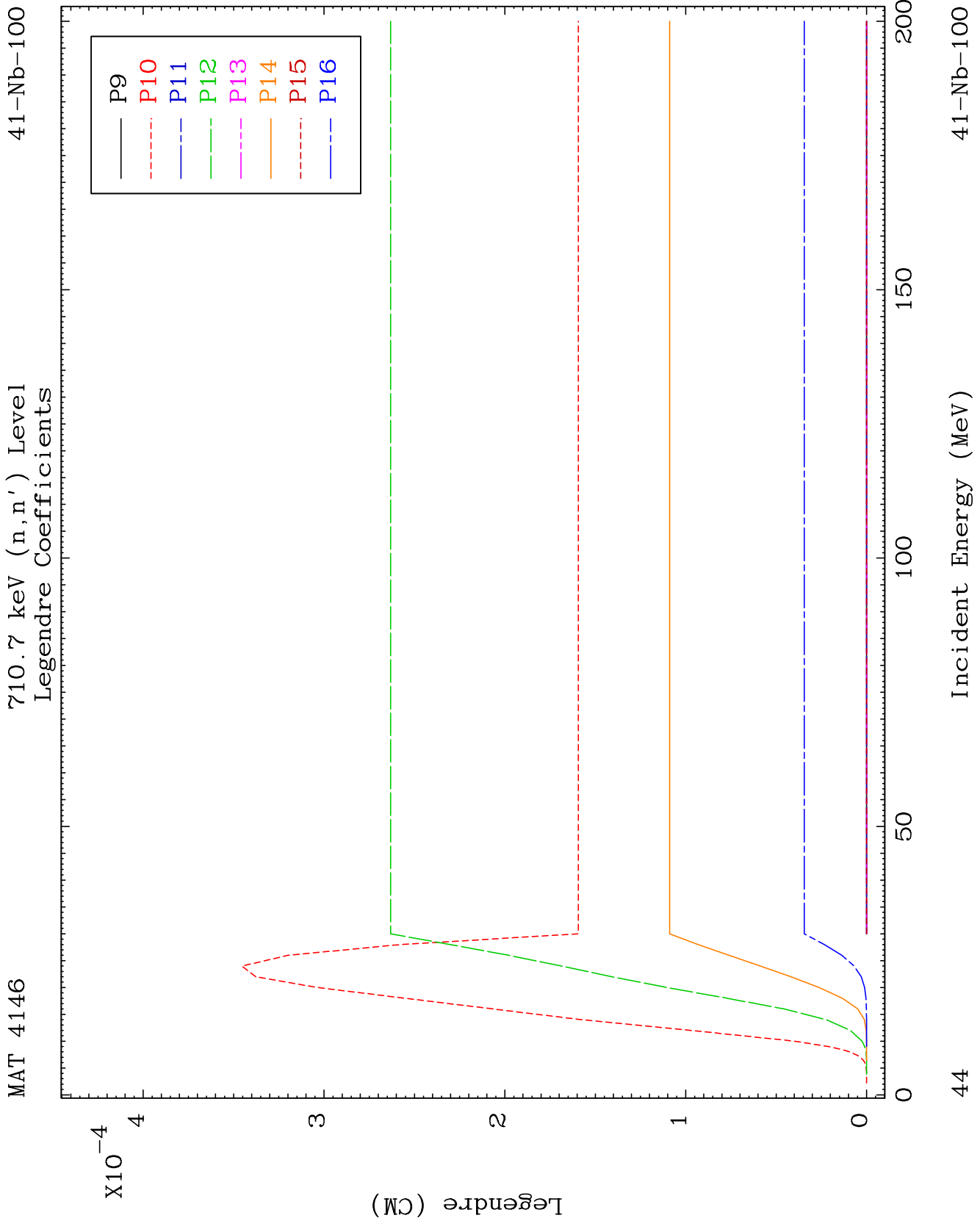
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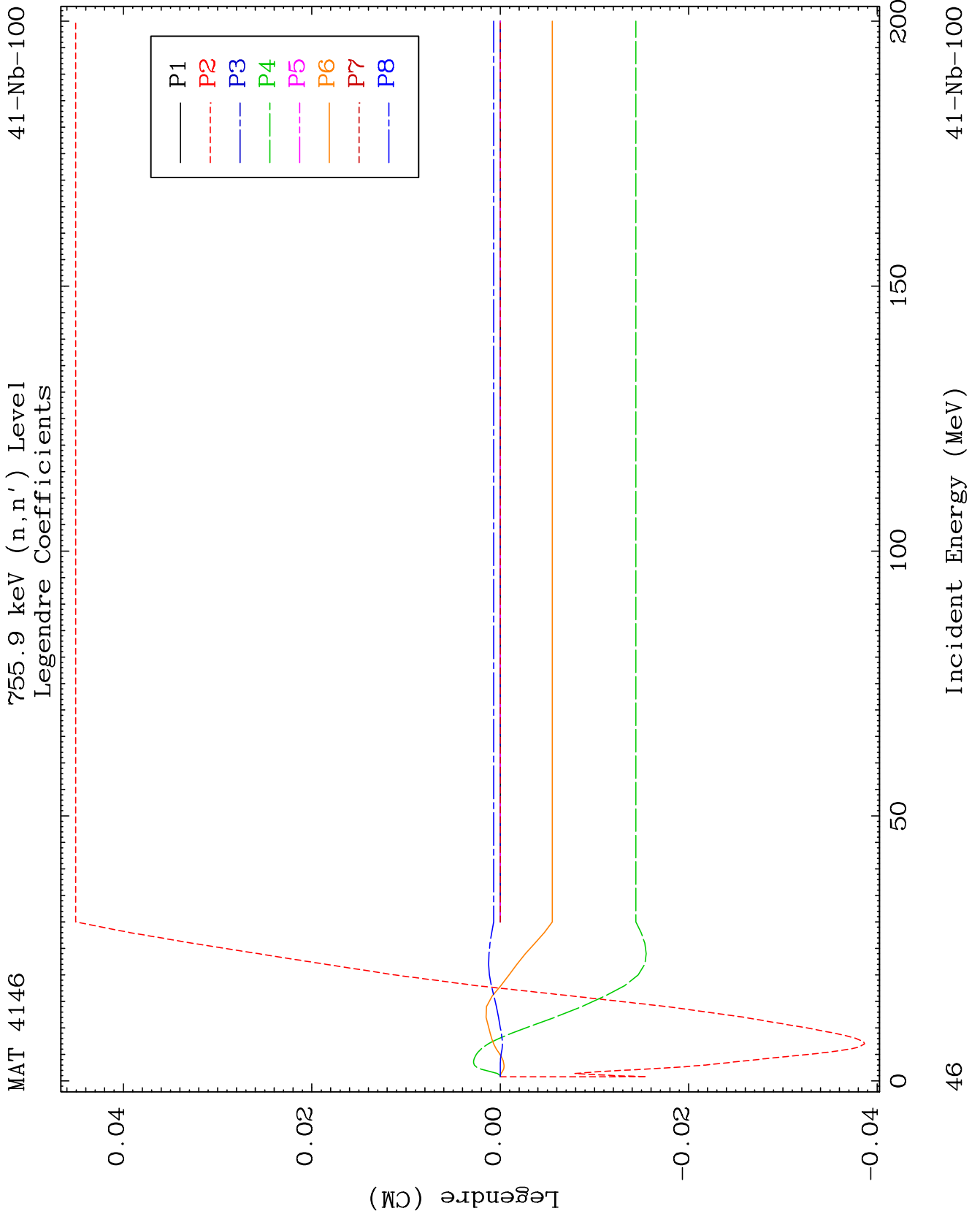


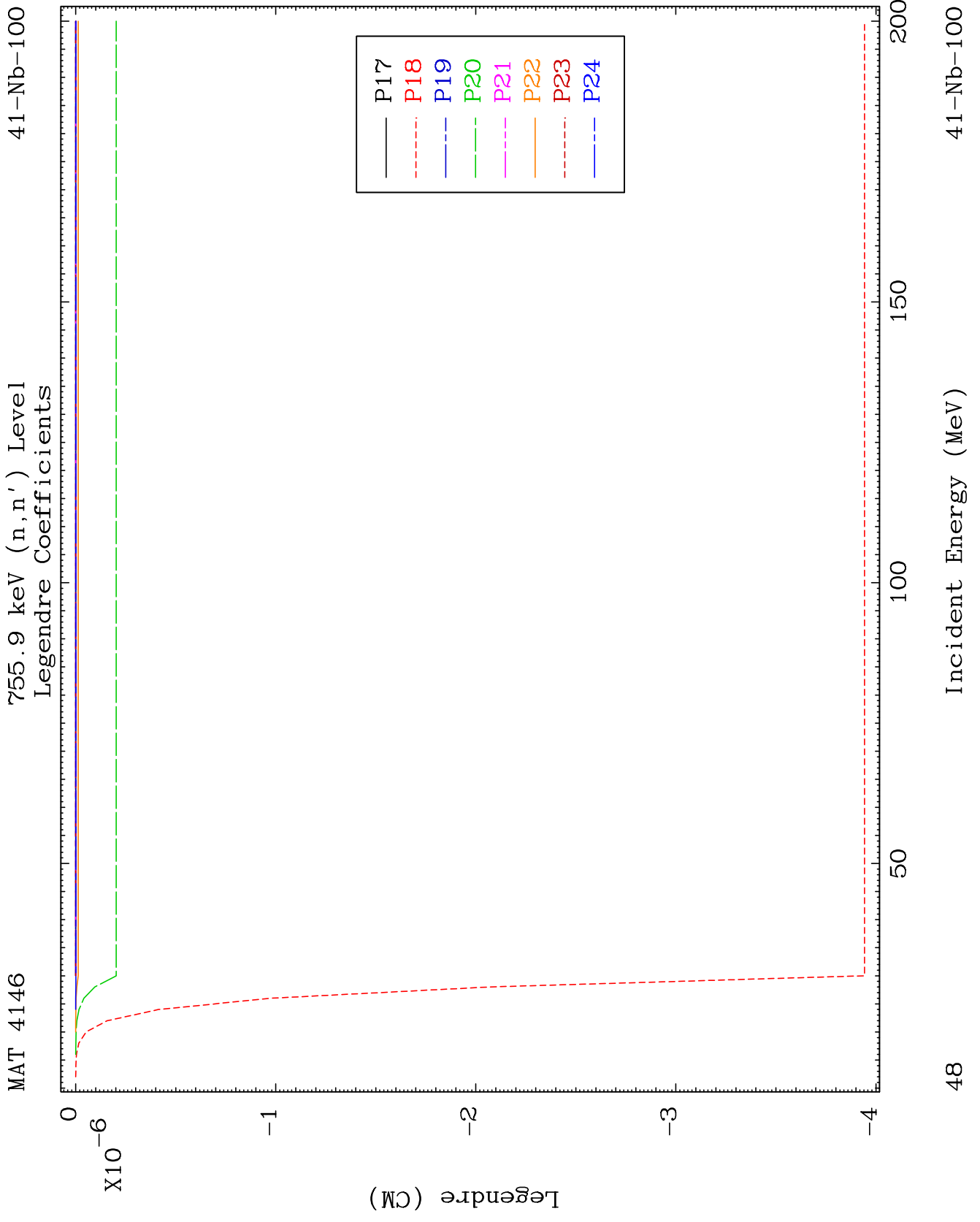
41

41-Nb-100





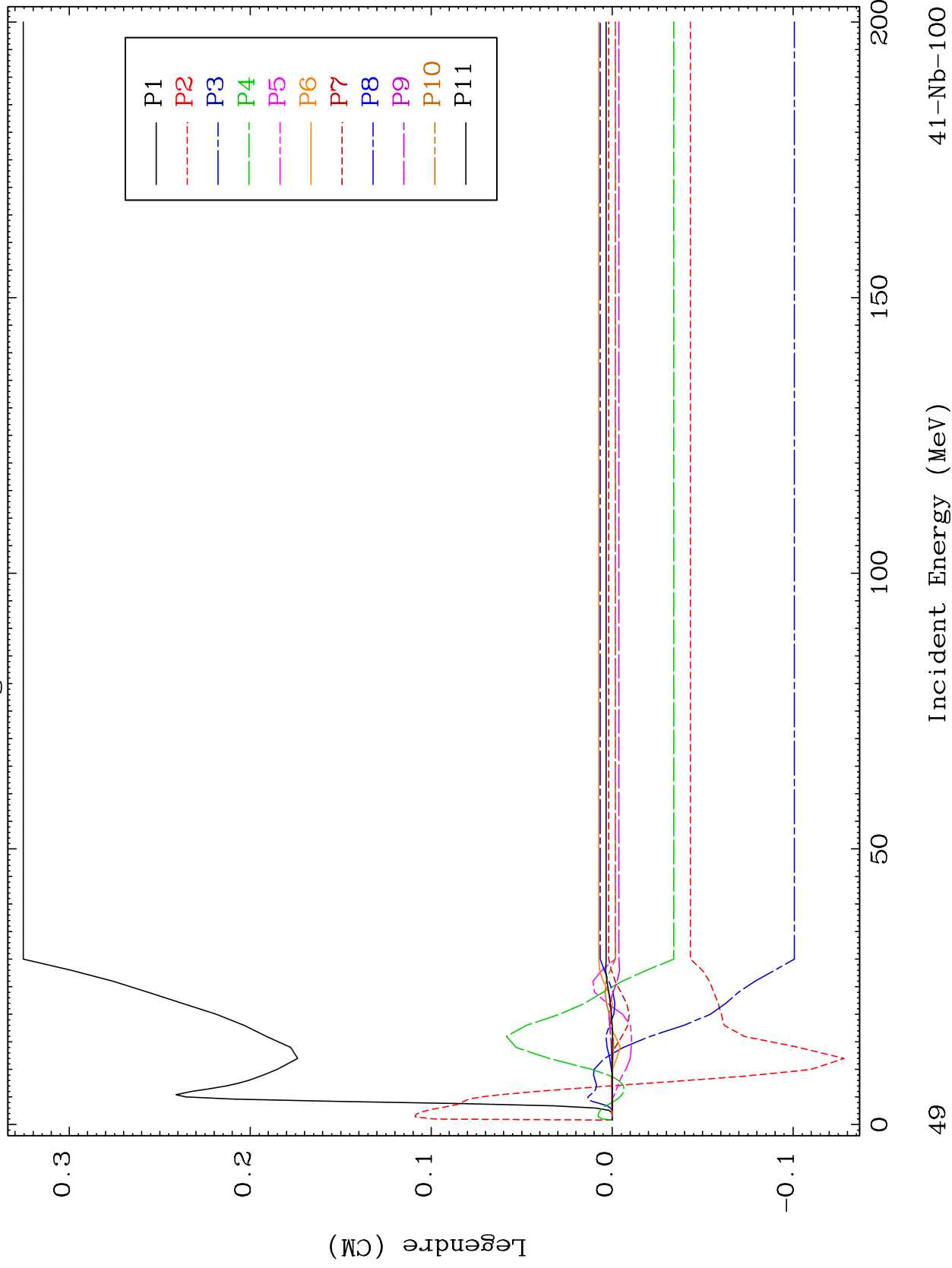




MAT 4146

802.5 keV (n,n') Level
Legendre Coefficients

41-Nb-100



41-Nb-100

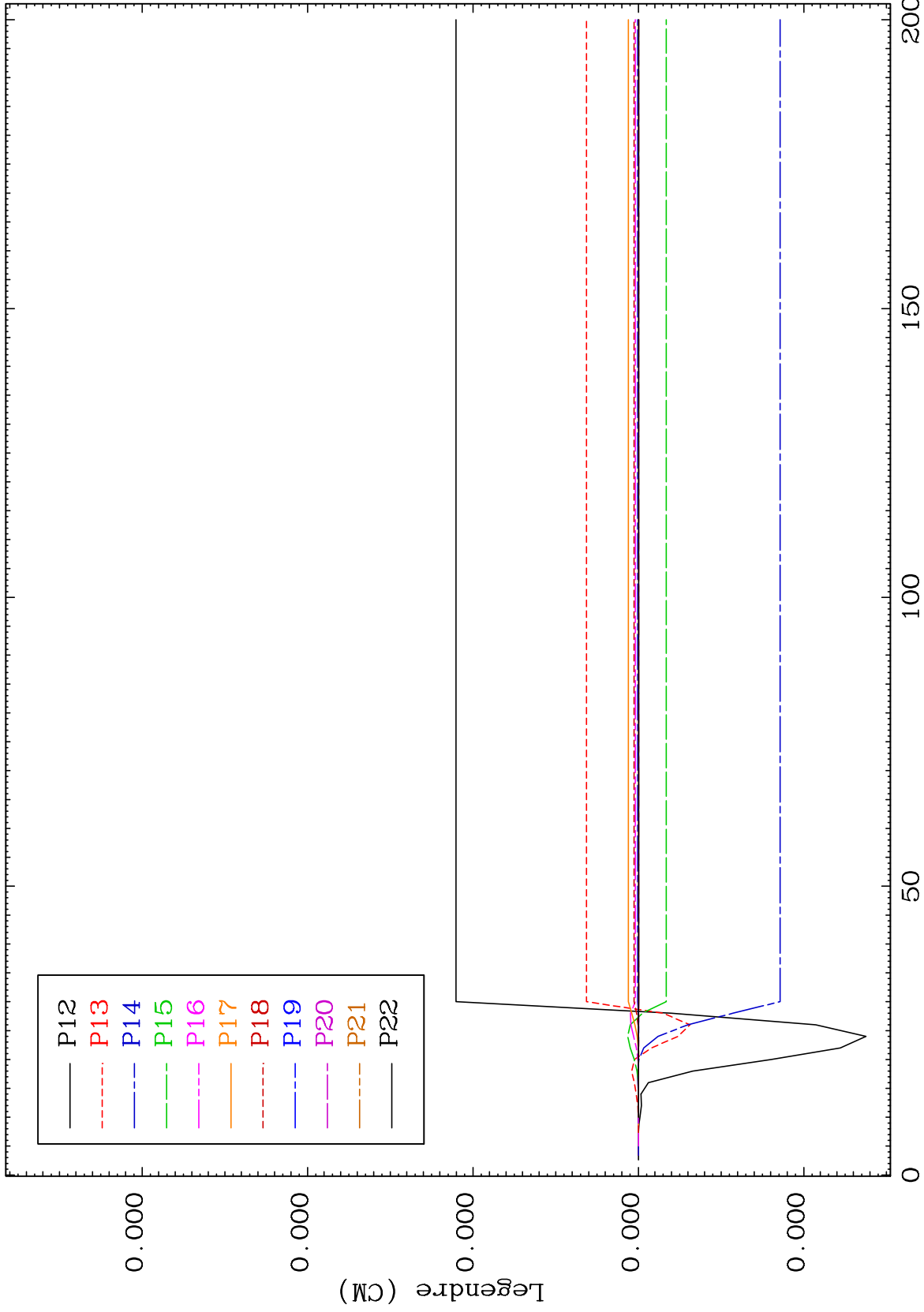
Incident Energy (MeV)

49

MAT 4146

802.5 keV (n,n') Level
Legendre Coefficients

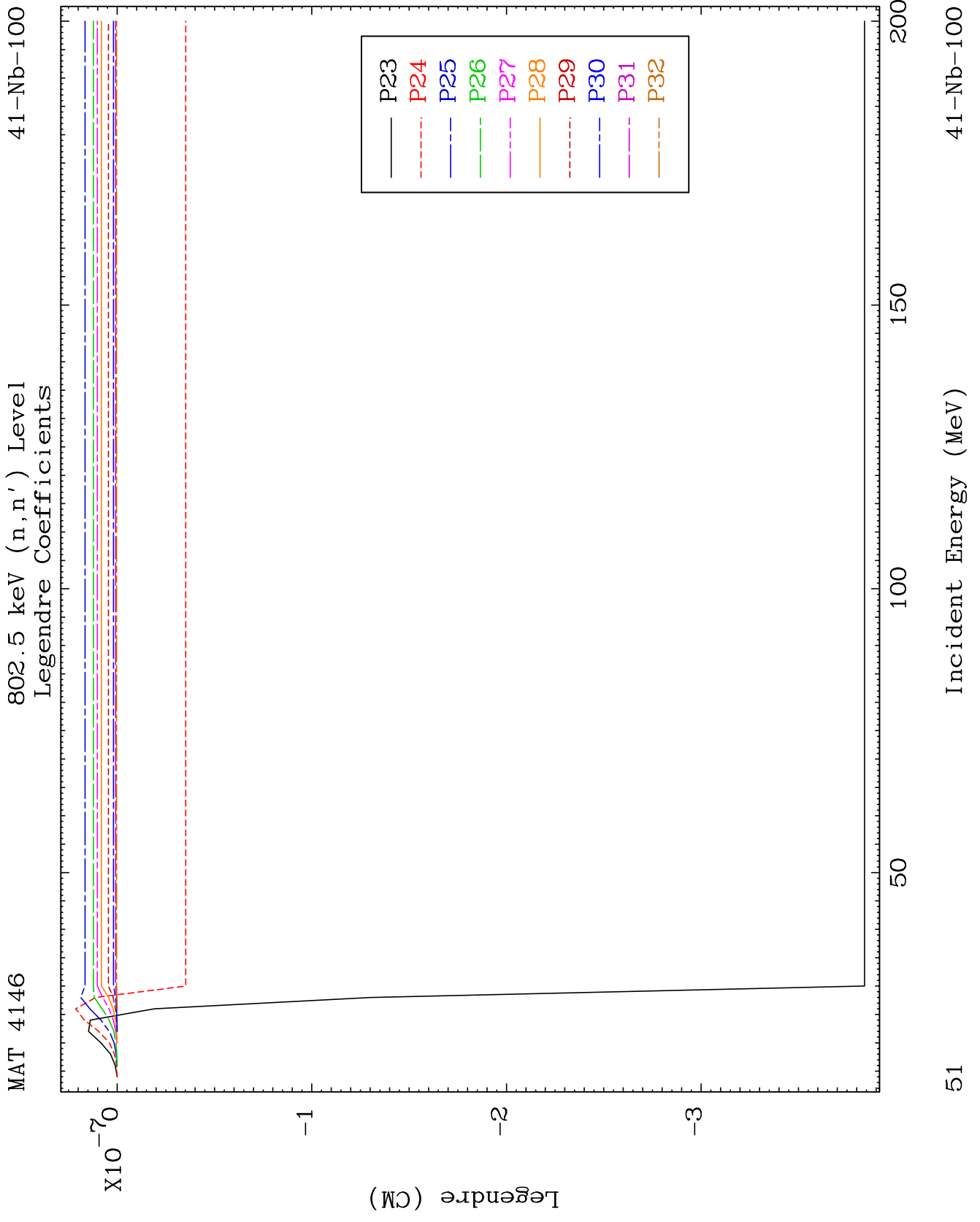
41-Nb-100



Incident Energy (MeV)

41-Nb-100

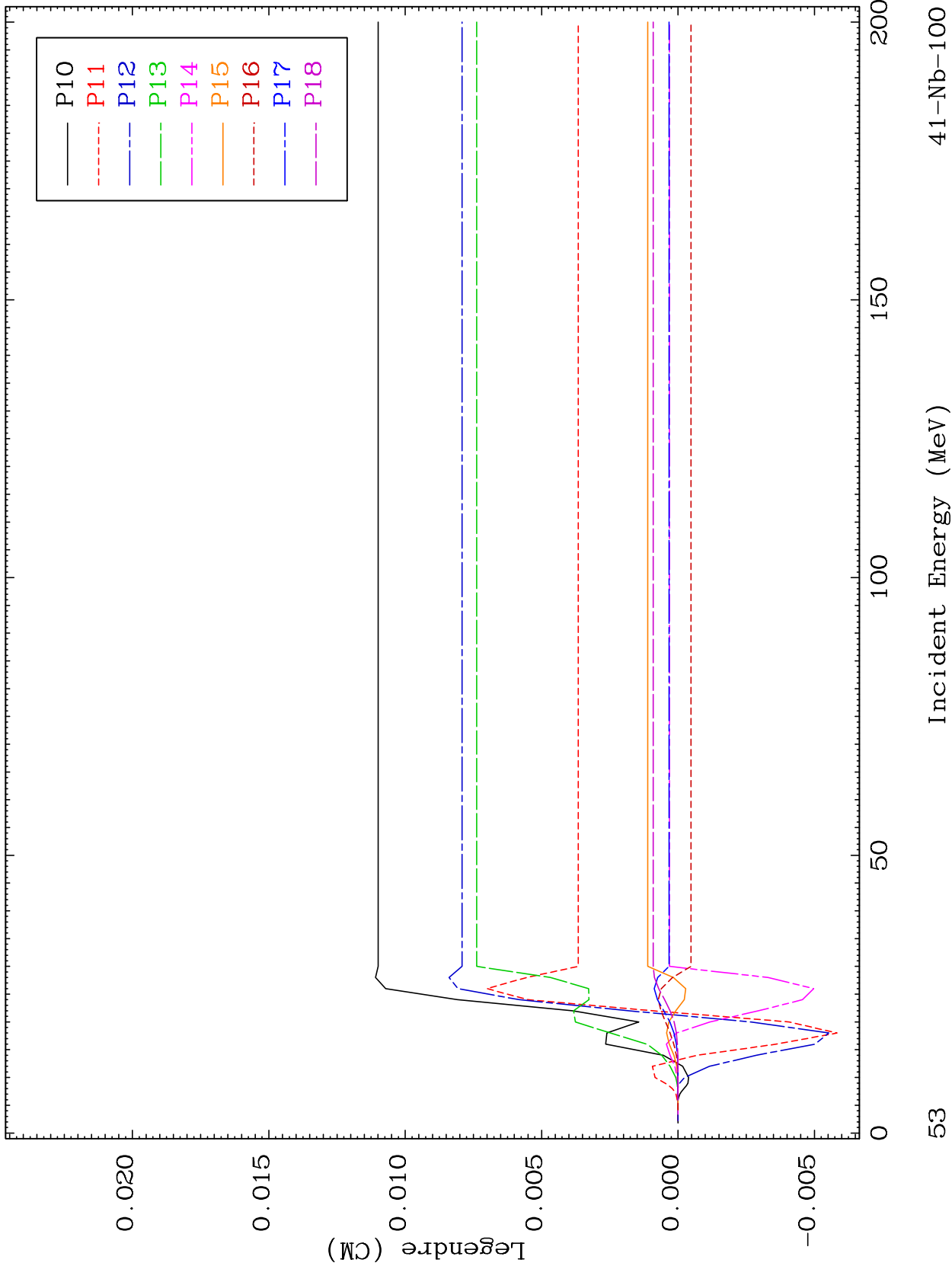
50



MAT 4146

809.7 keV (n,n') Level
Legendre Coefficients

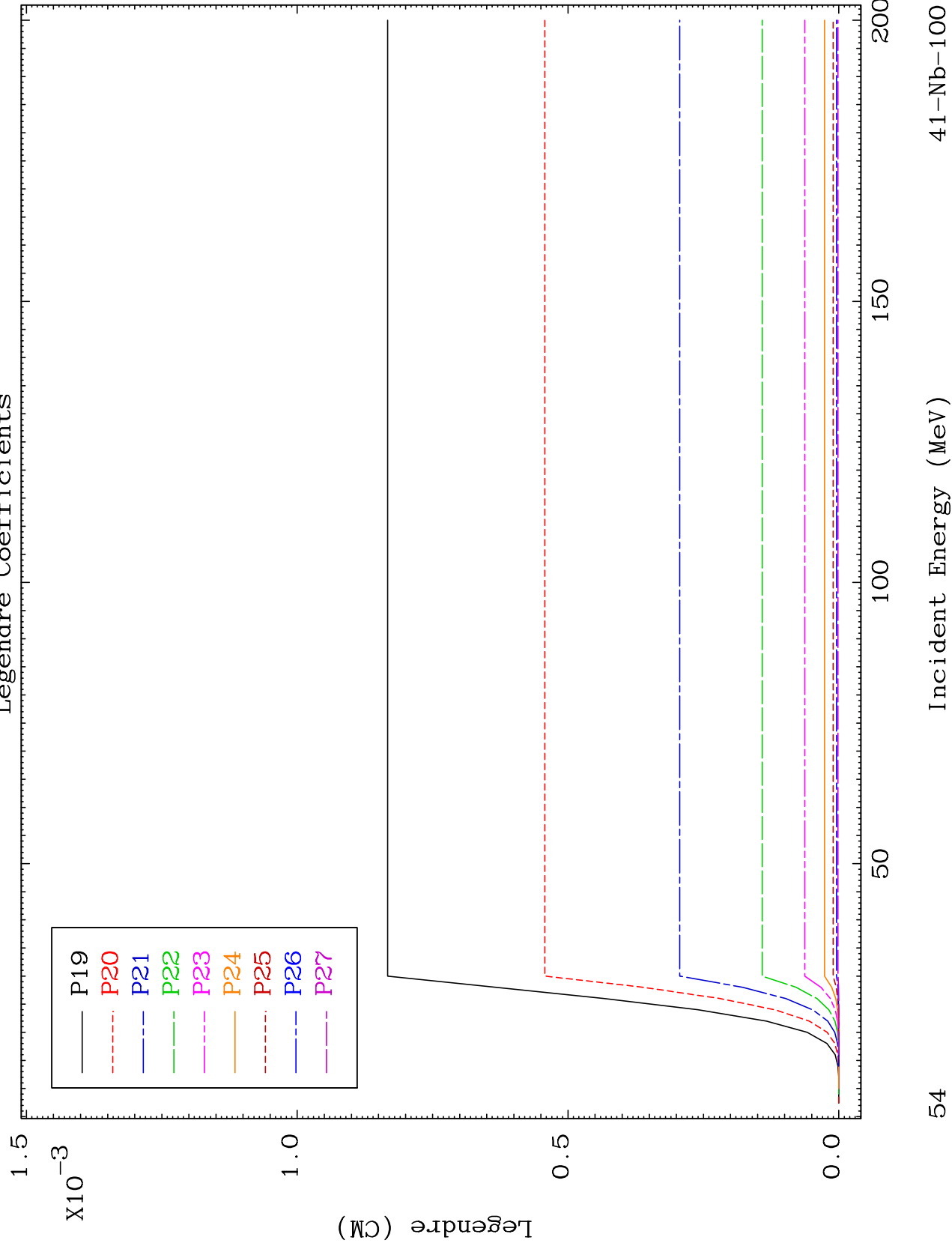
41-Nb-100



MAT 4146

809.7 keV (n,n') Level
Legendre Coefficients

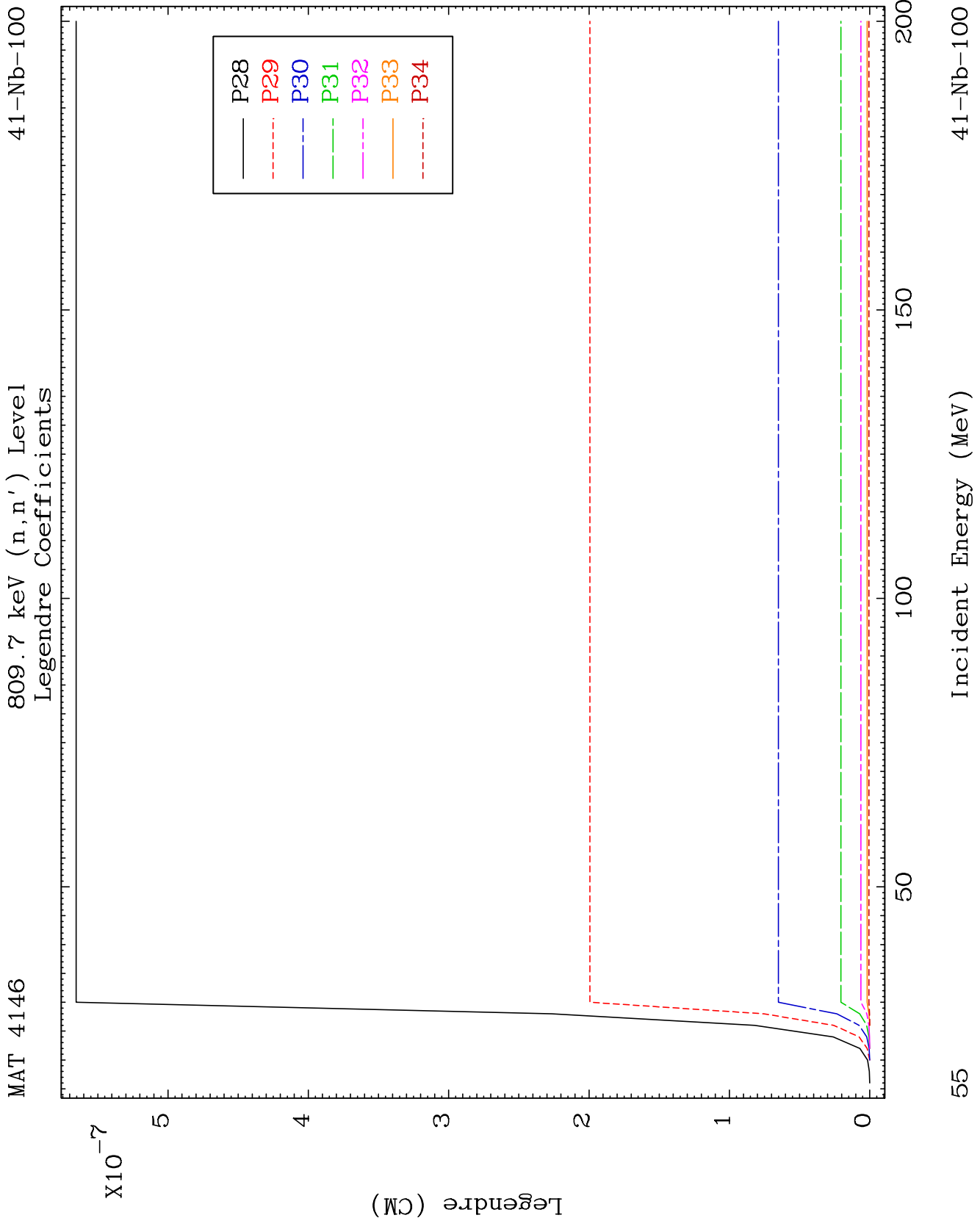
41-Nb-100



54

Incident Energy (MeV)

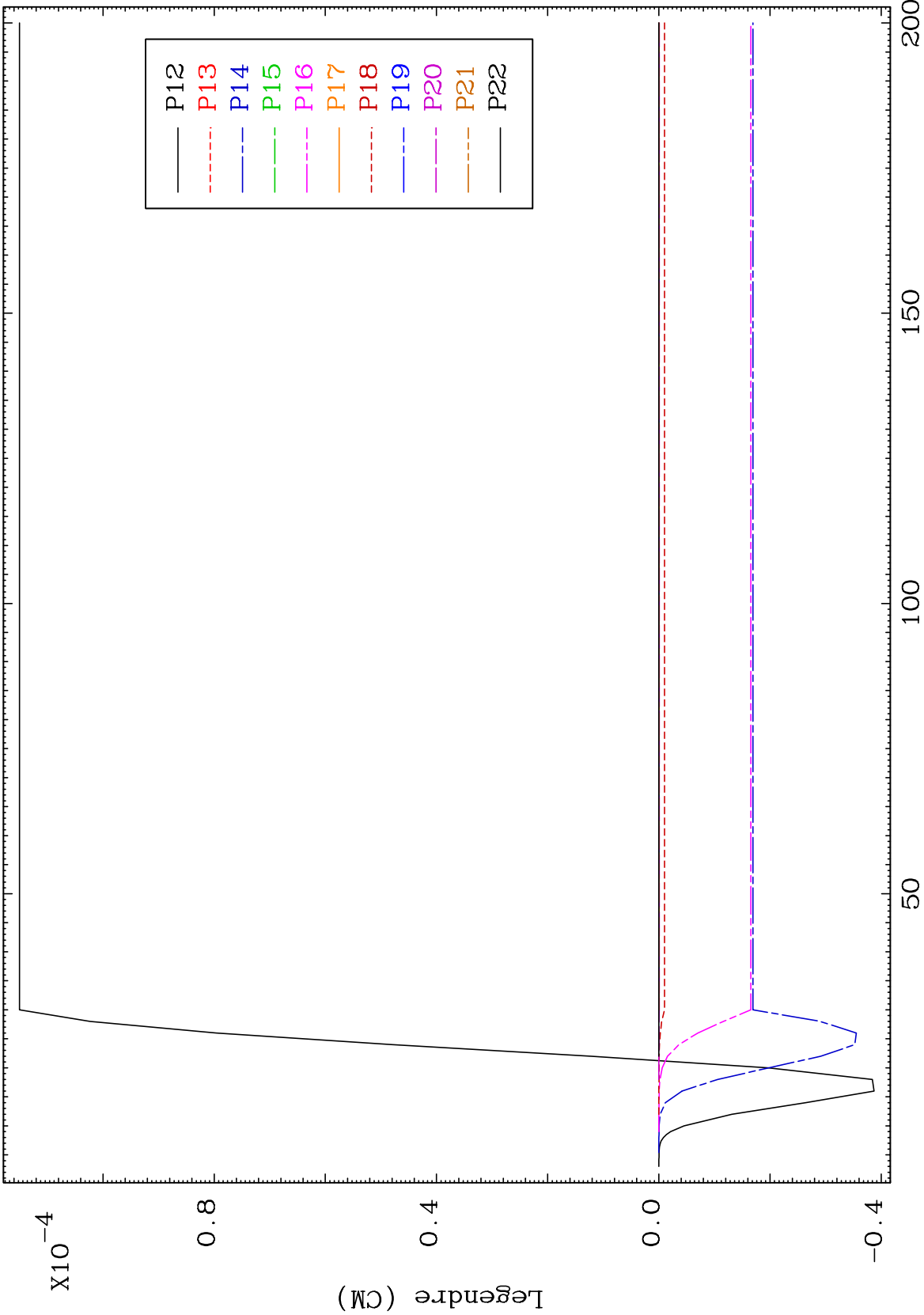
41-Nb-100



MAT 4146

842.0 keV (n,n') Level
Legendre Coefficients

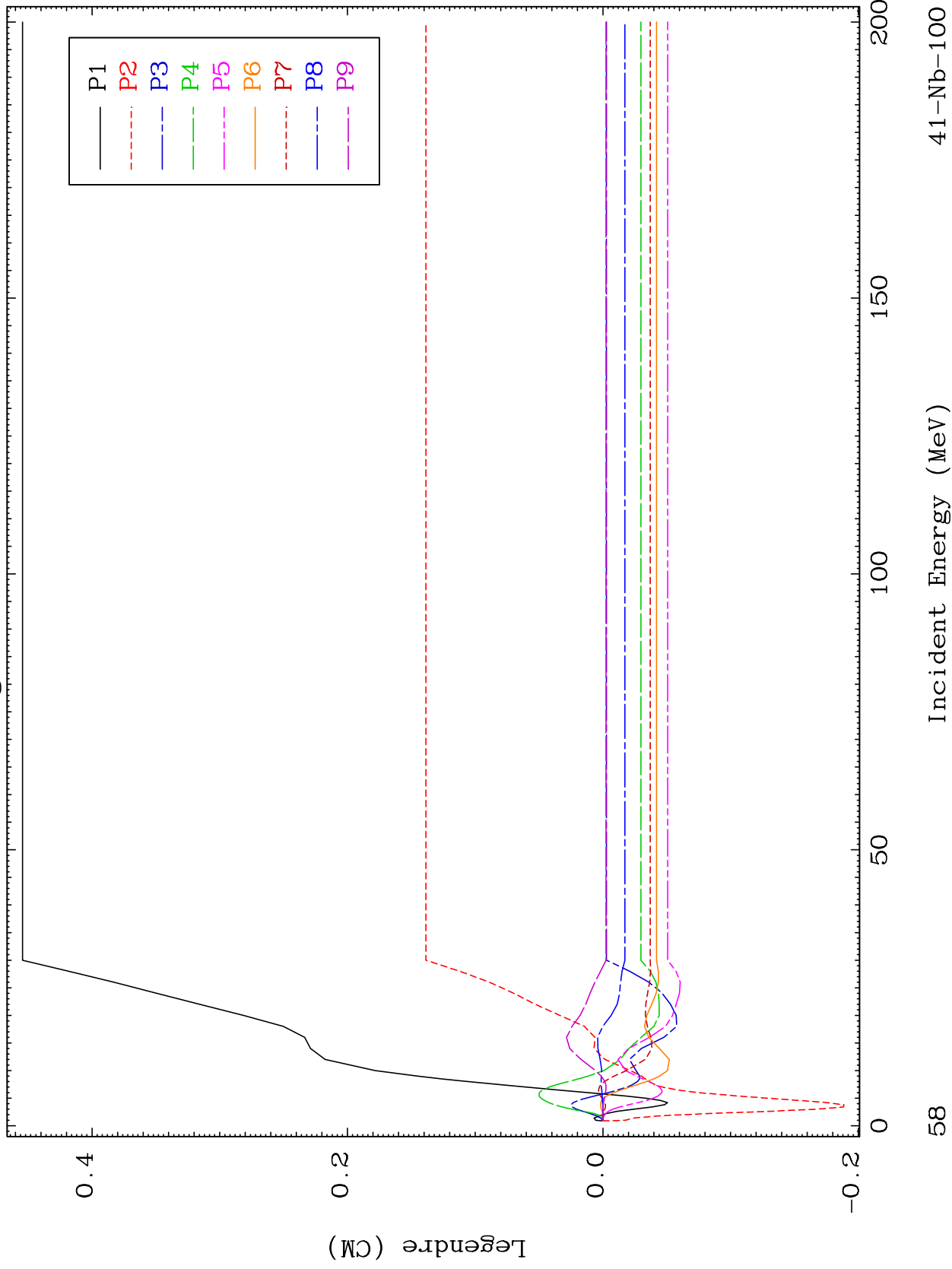
41-Nb-100



MAT 4146

854.2 keV (n,n') Level
Legendre Coefficients

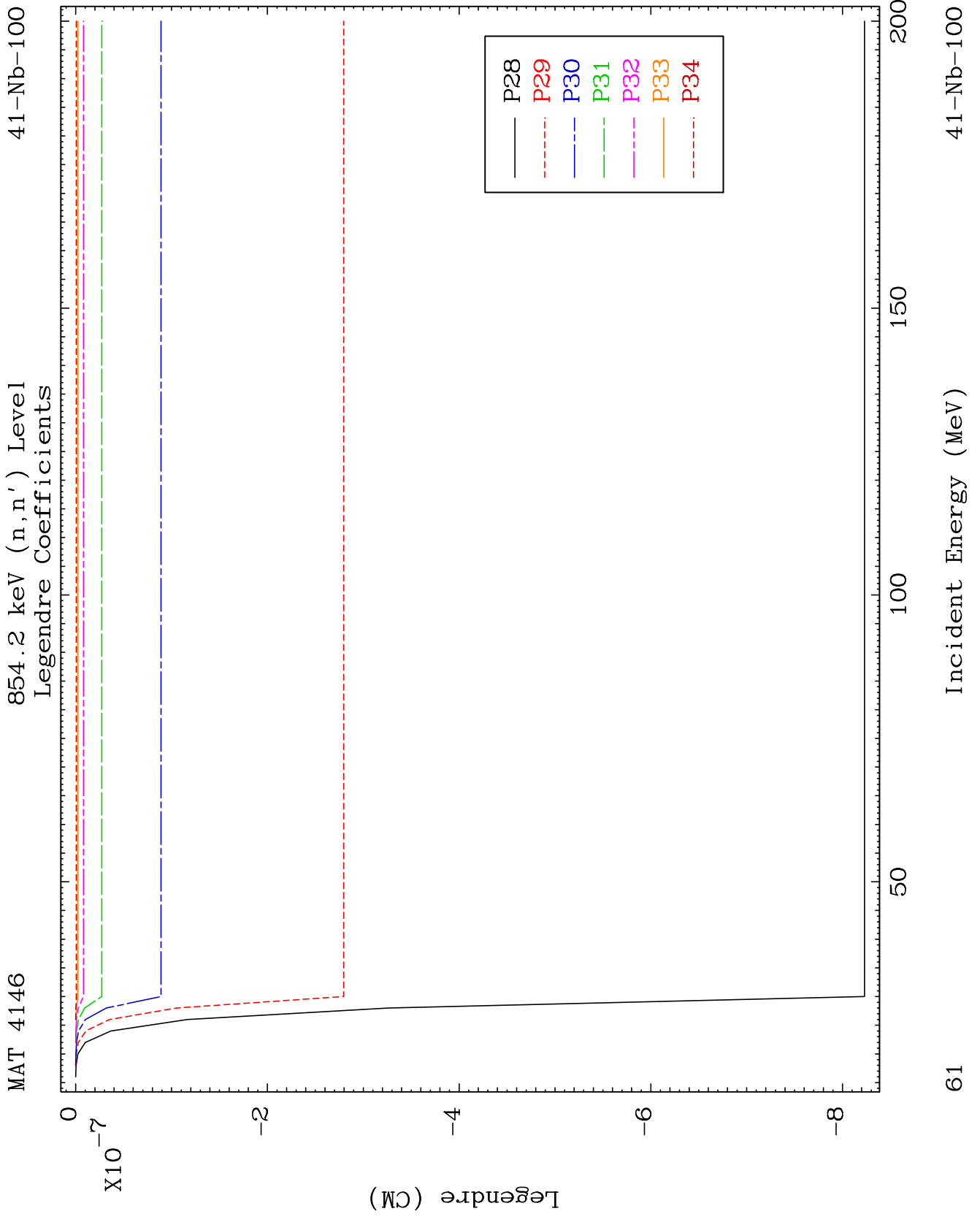
41-Nb-100



58

Incident Energy (MeV)

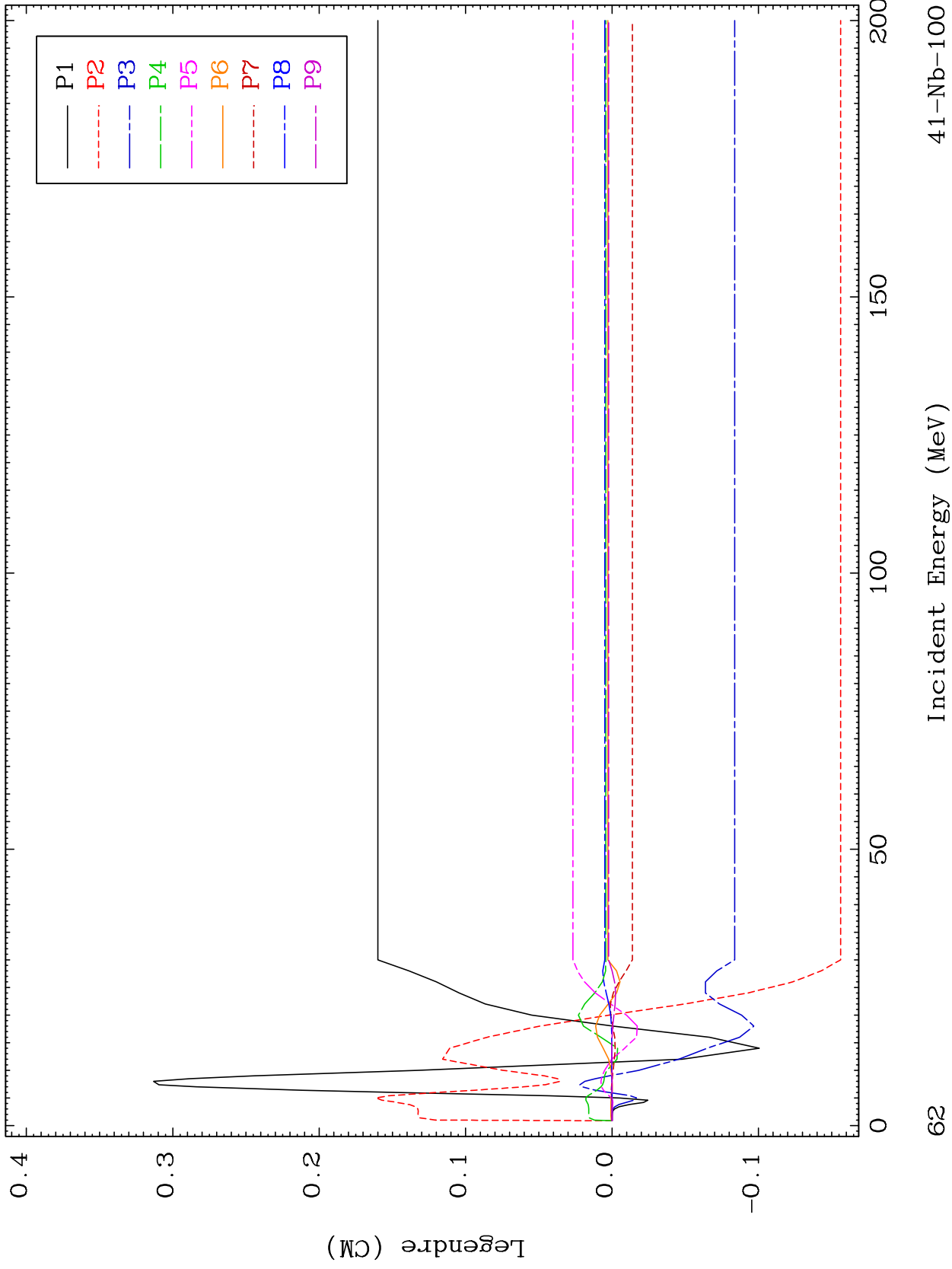
41-Nb-100



MAT 4146

855.8 keV (n,n') Level
Legendre Coefficients

41-Nb-100



41-Nb-100

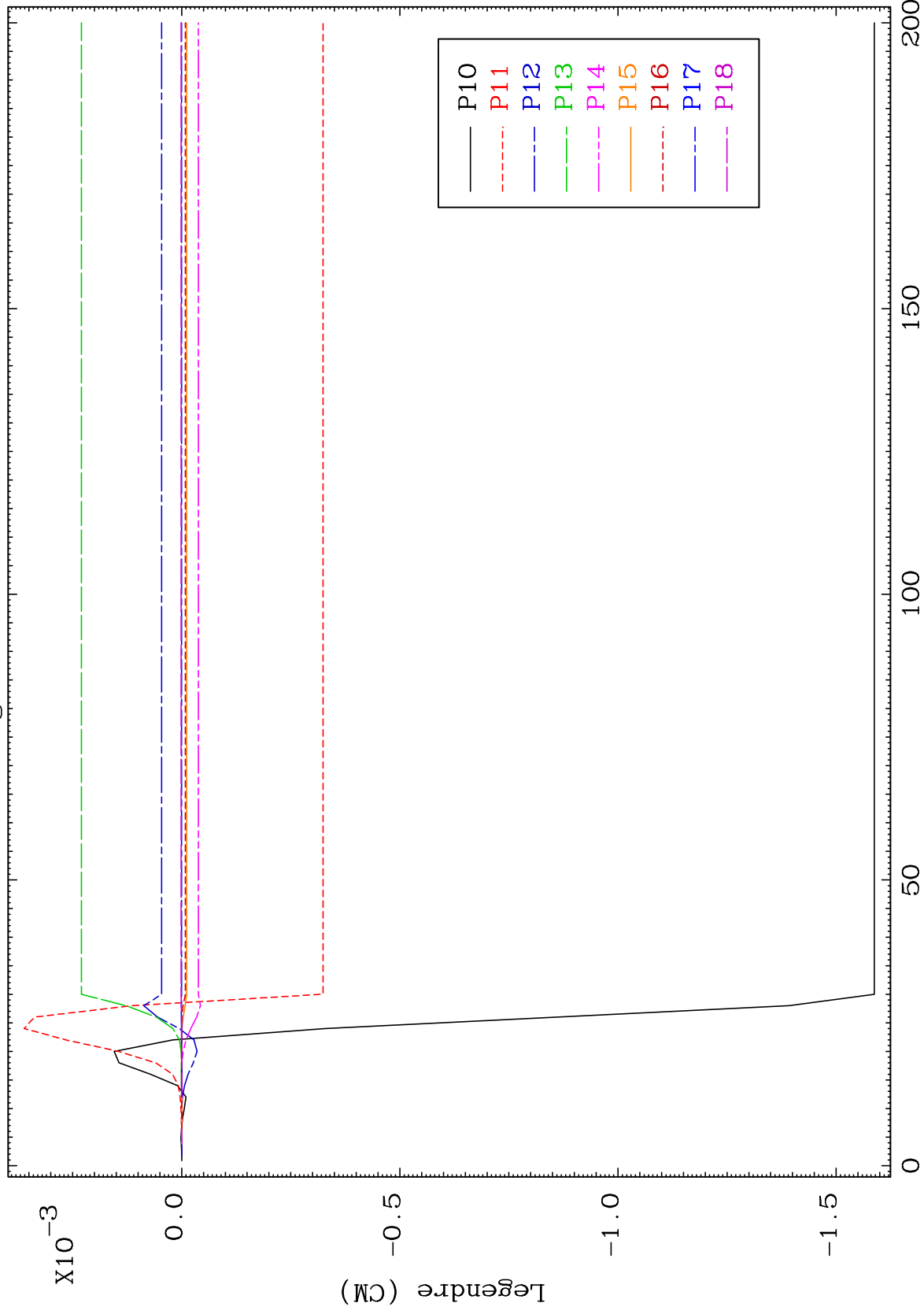
Incident Energy (MeV)

62

MAT 4146

855.8 keV (n,n') Level
Legendre Coefficients

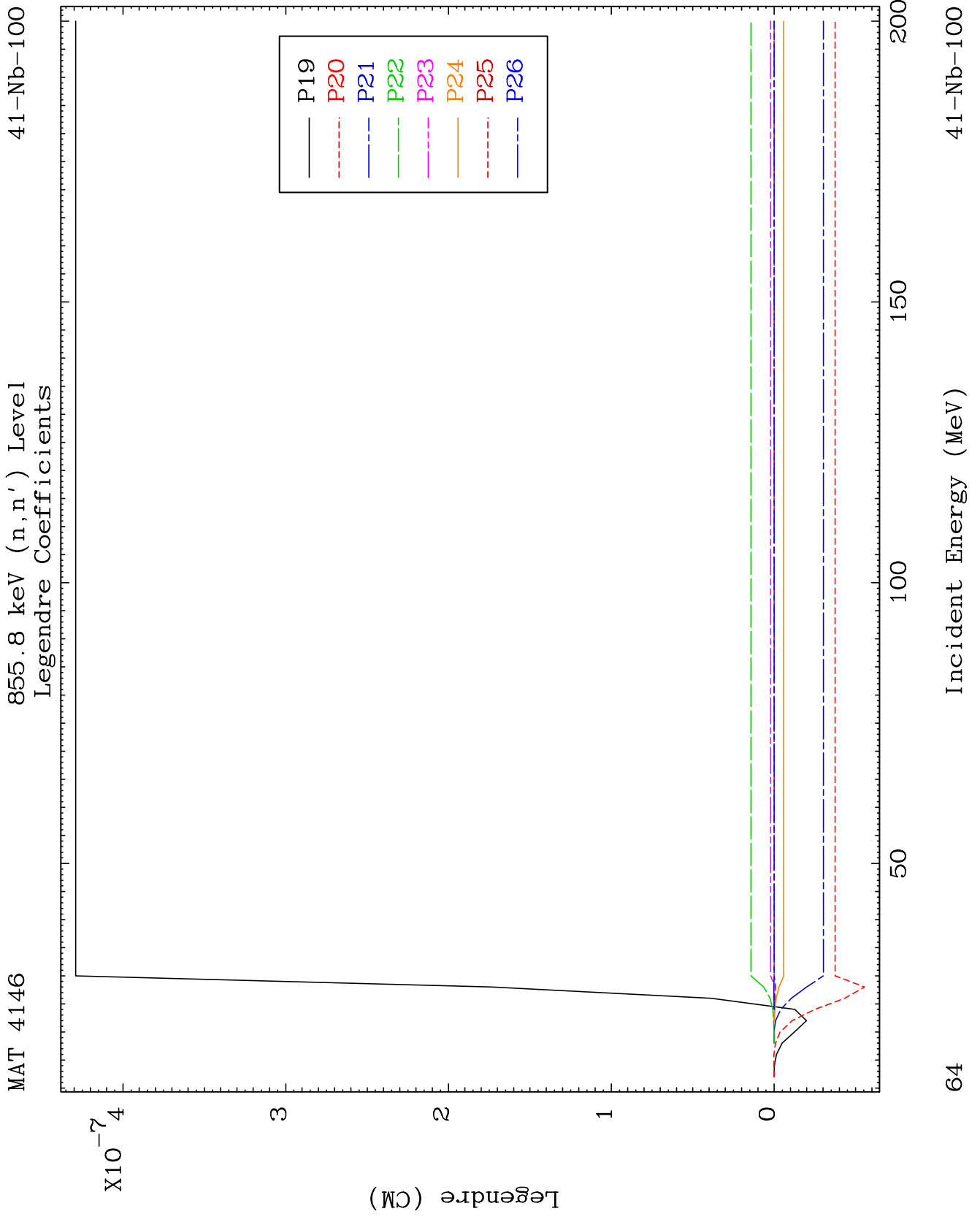
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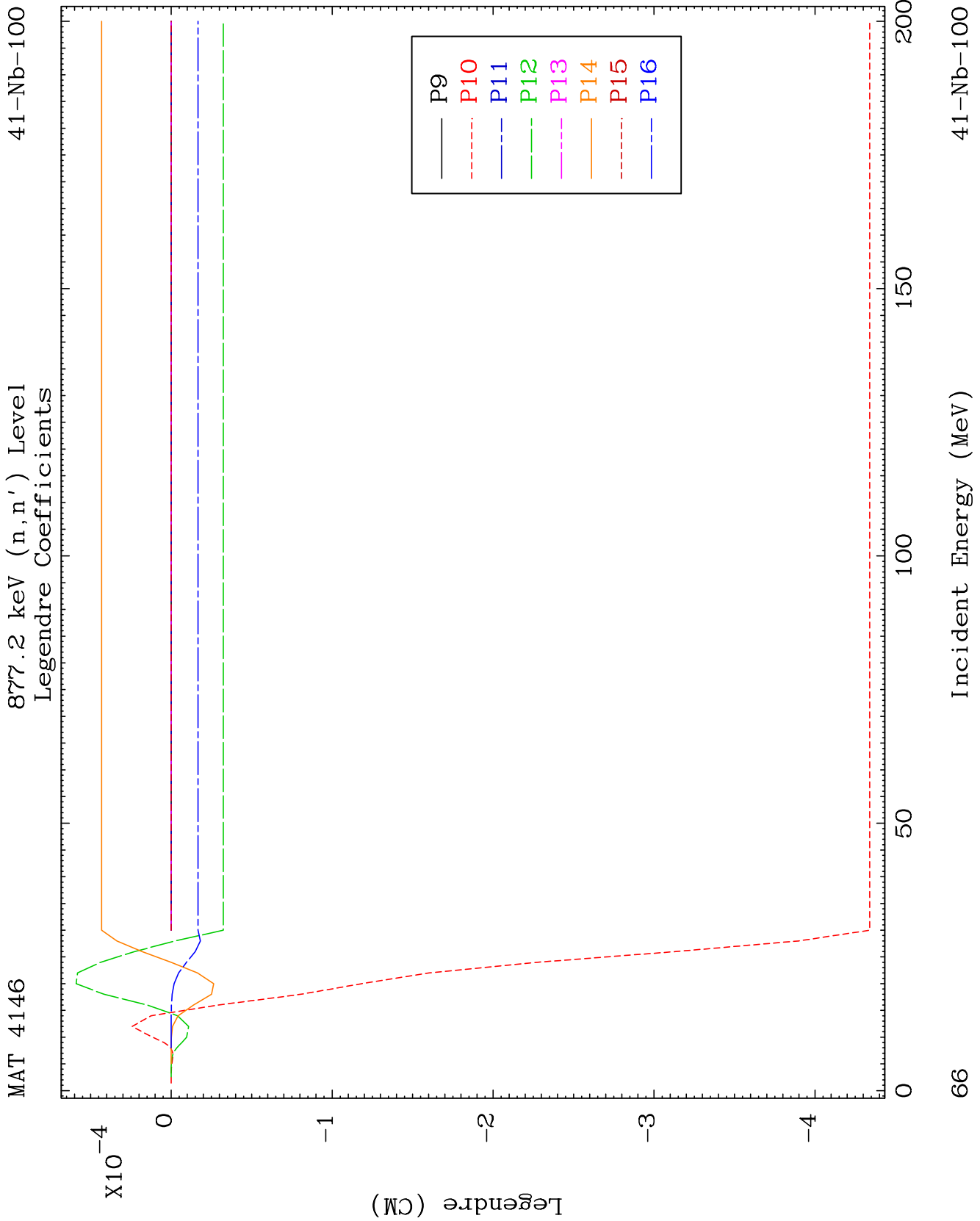


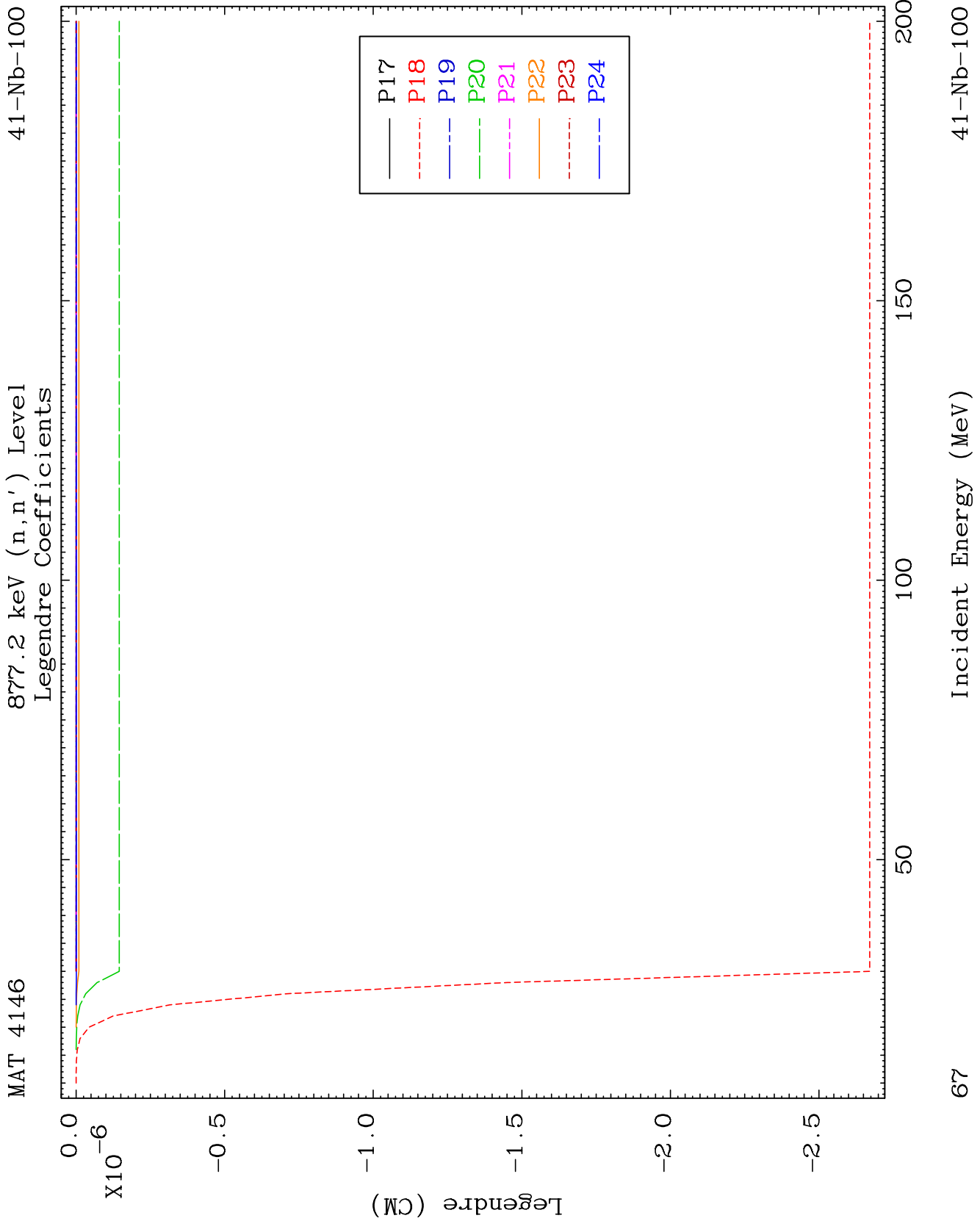
63

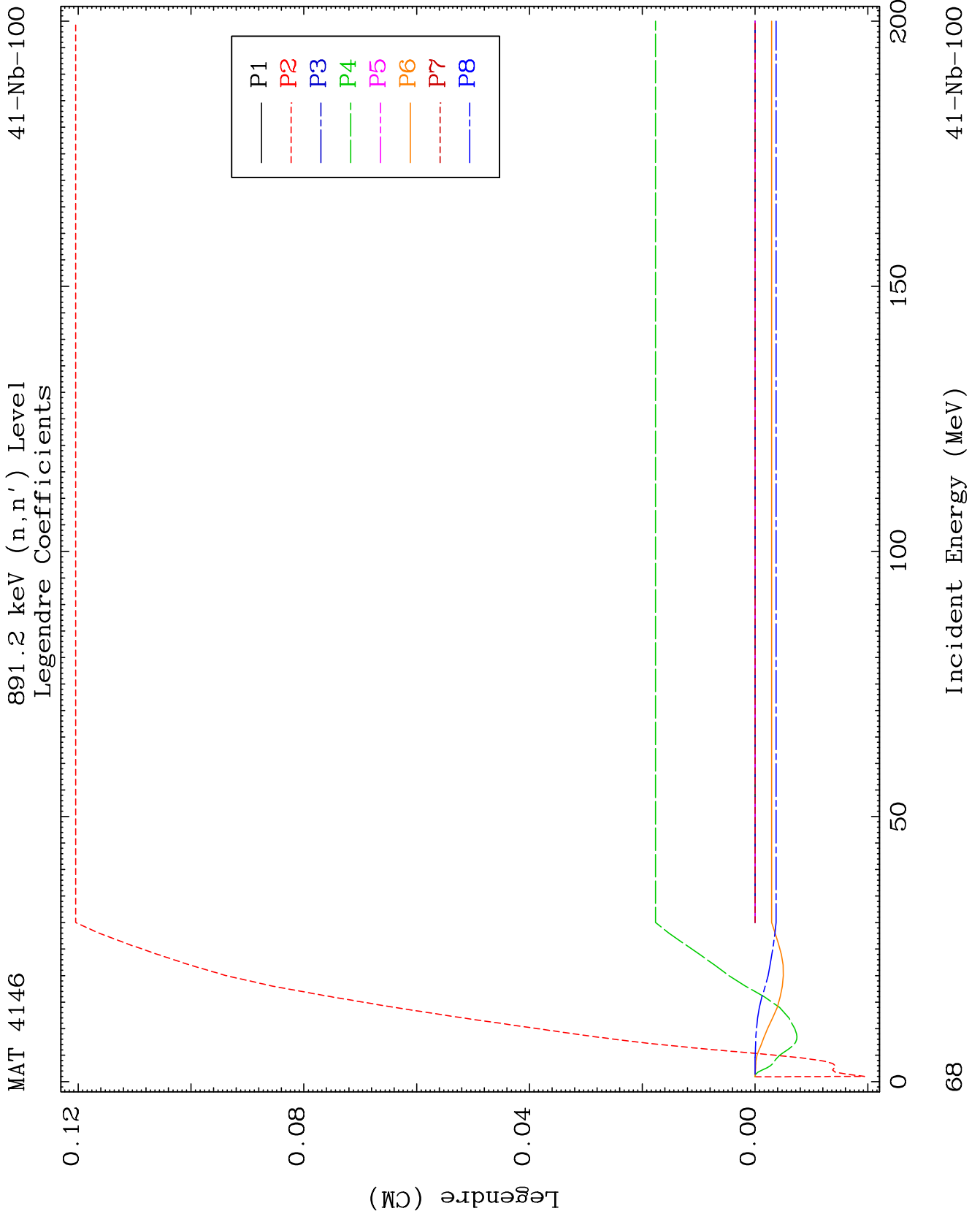
Incident Energy (MeV)

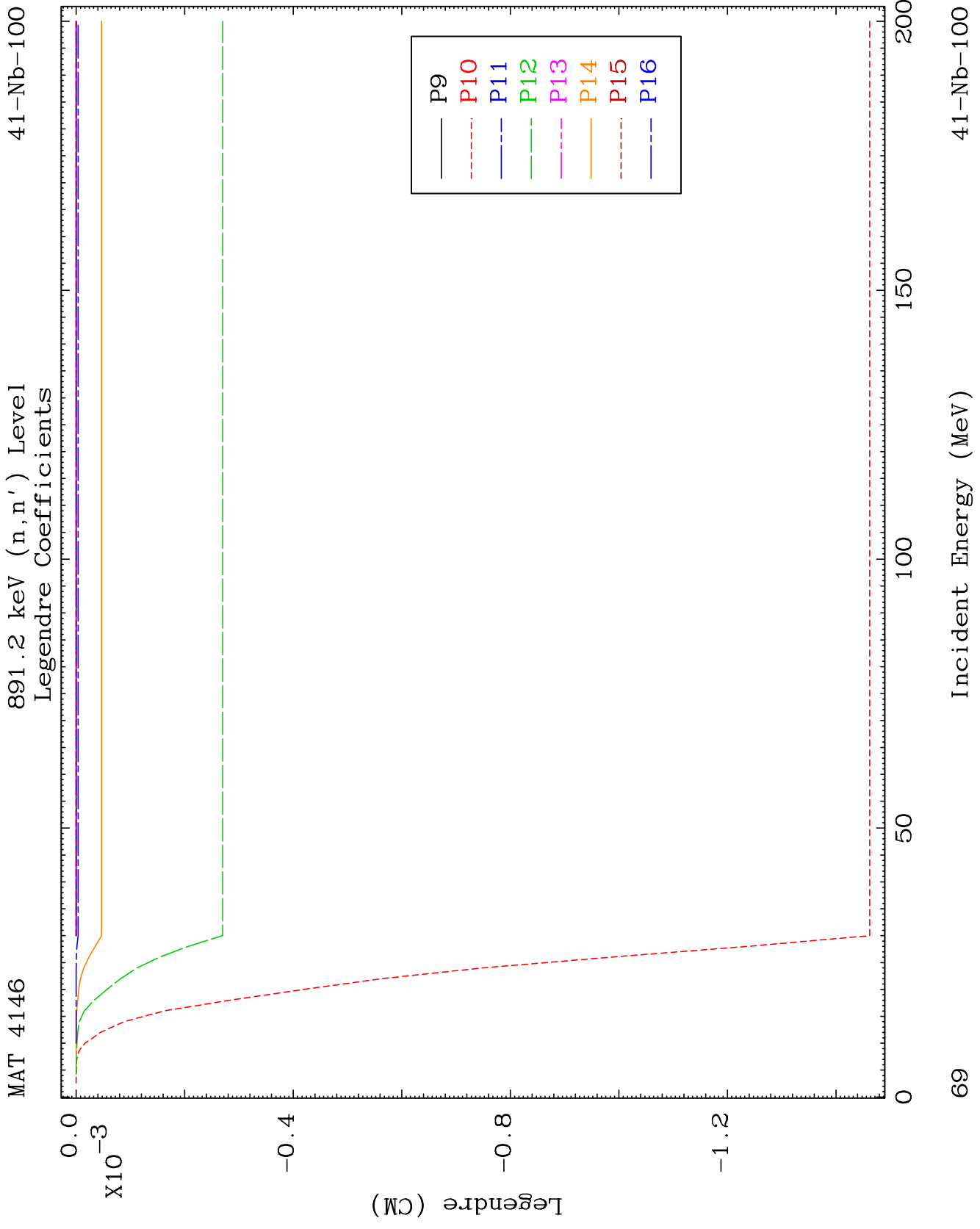
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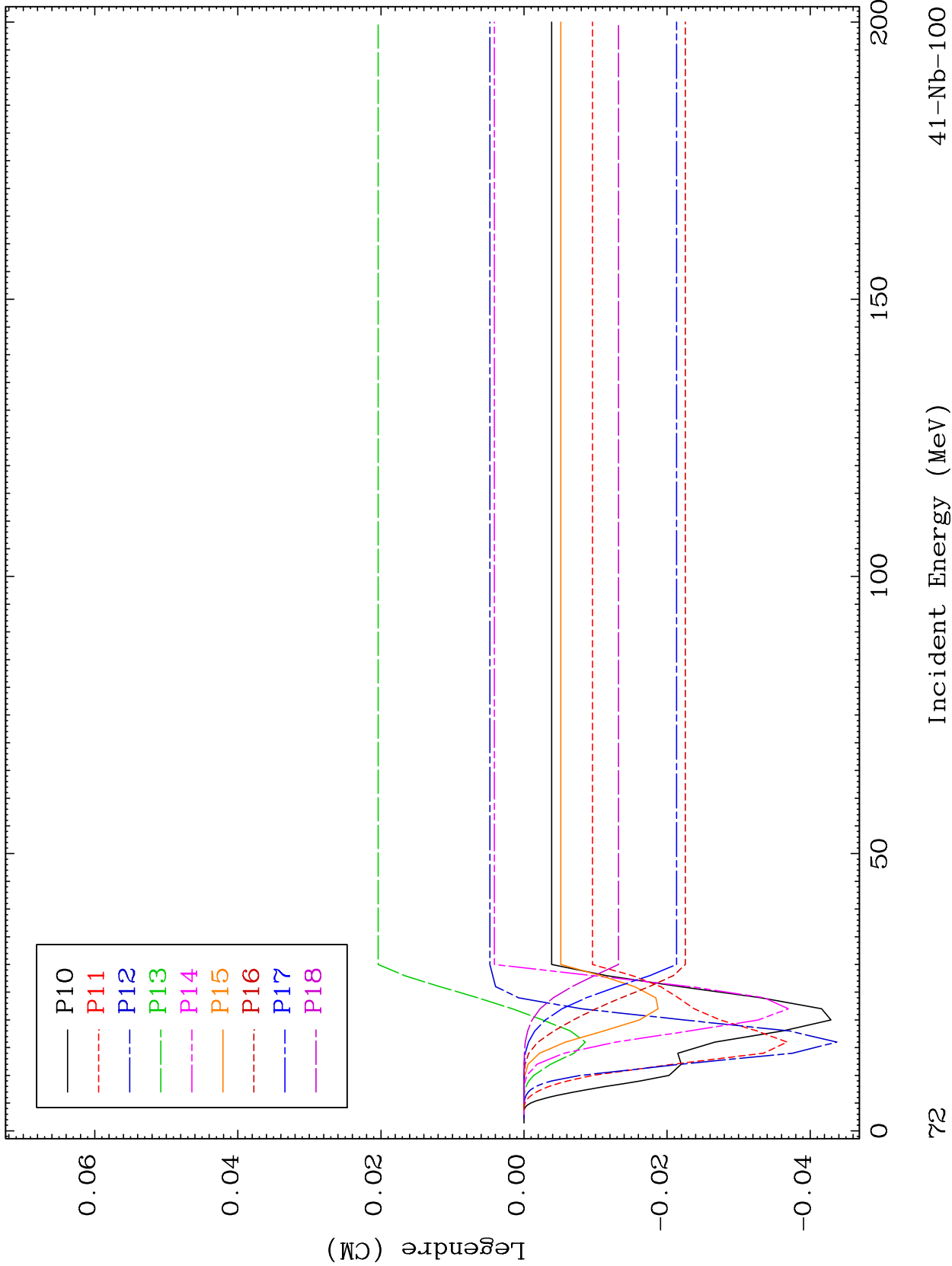




MAT 4146

892.7 keV (n,n') Level
Legendre Coefficients

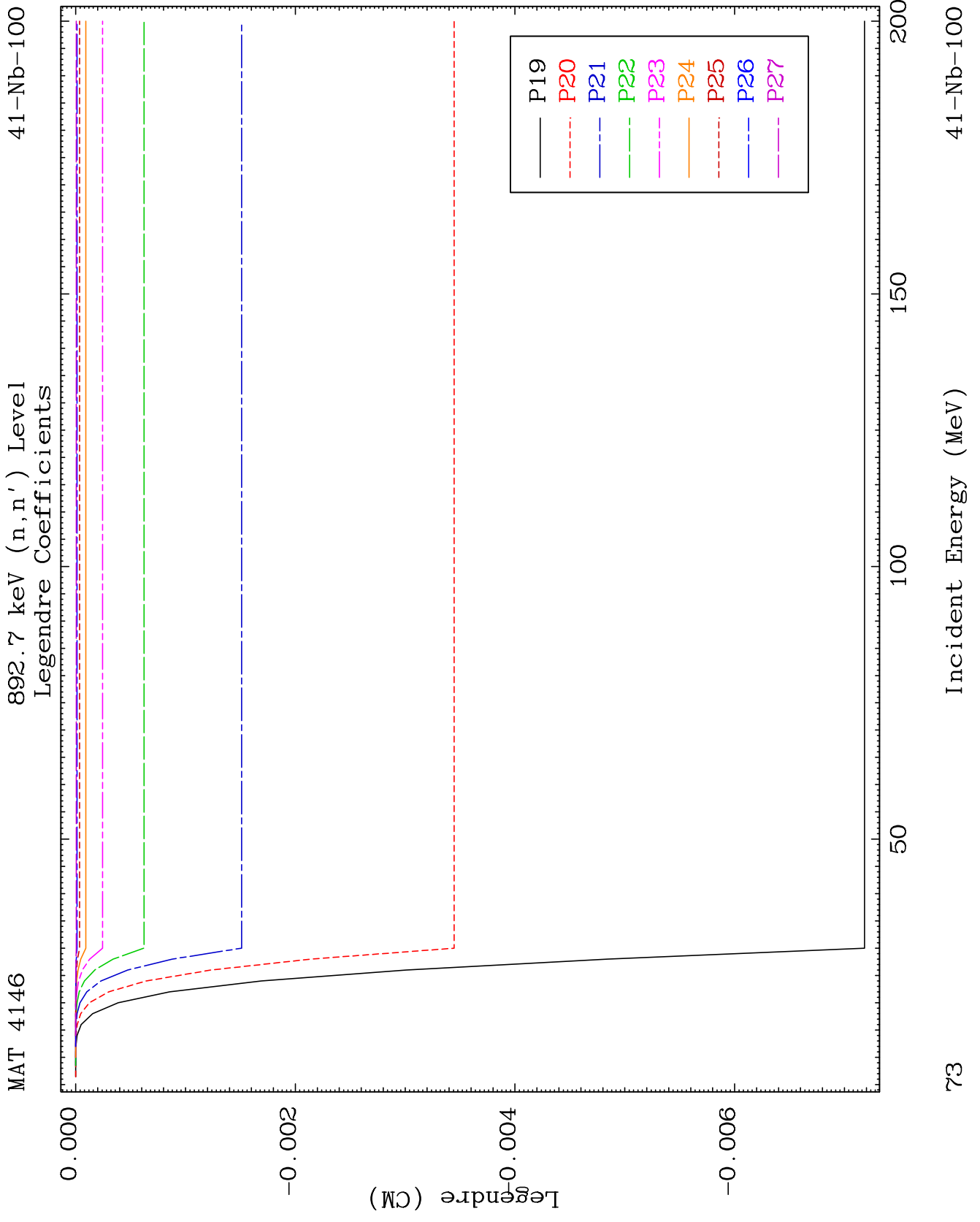
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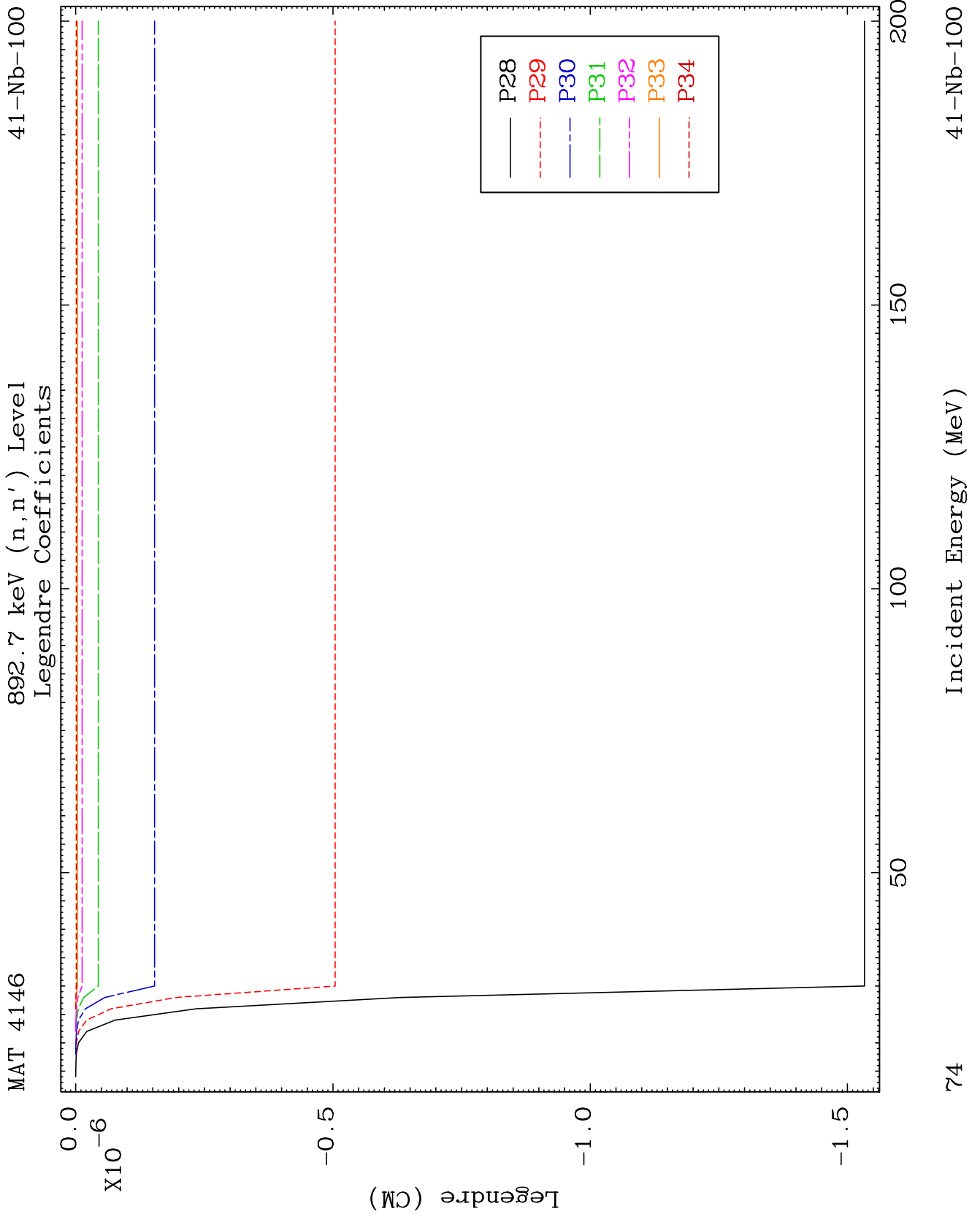


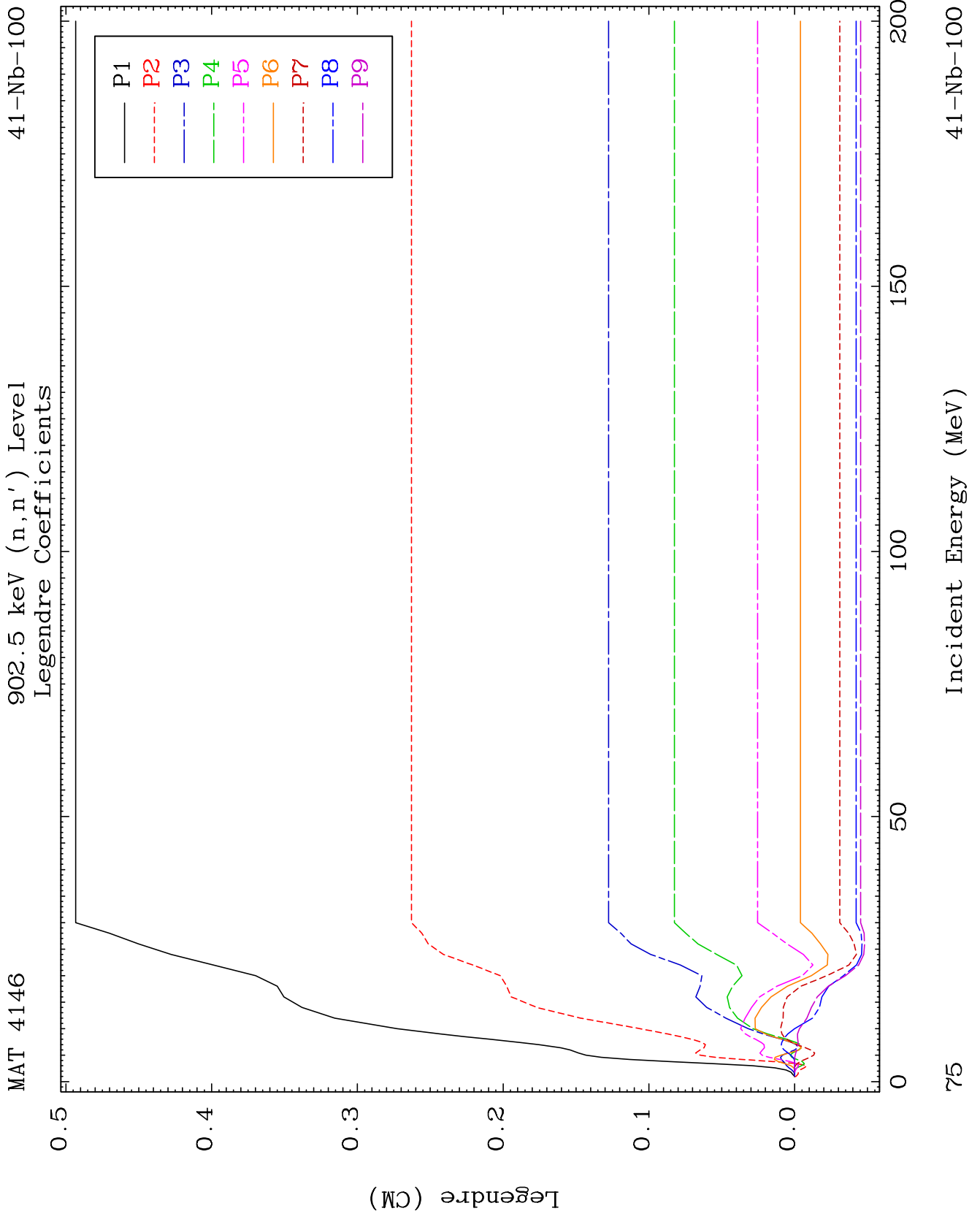
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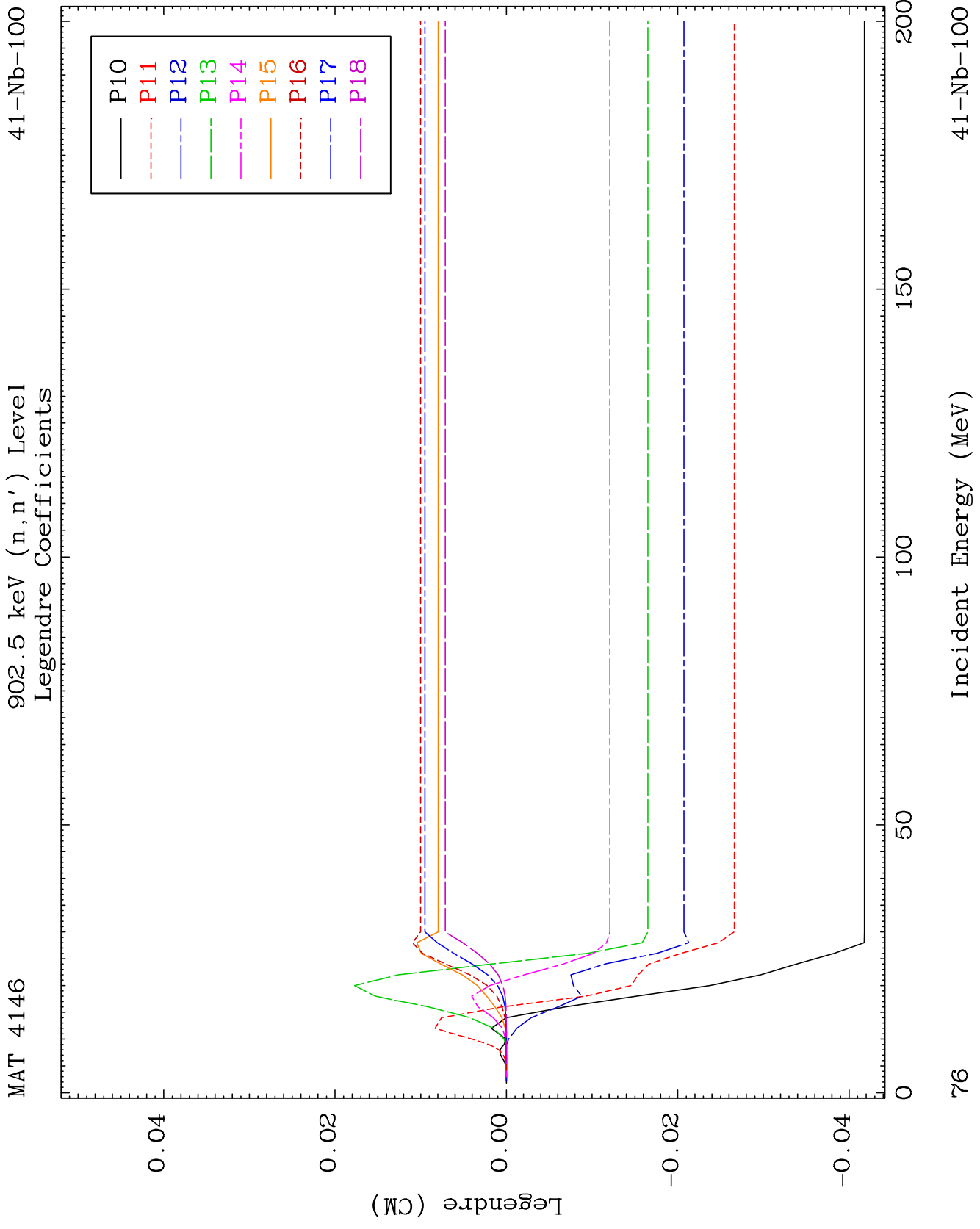
Incident Energy (MeV)

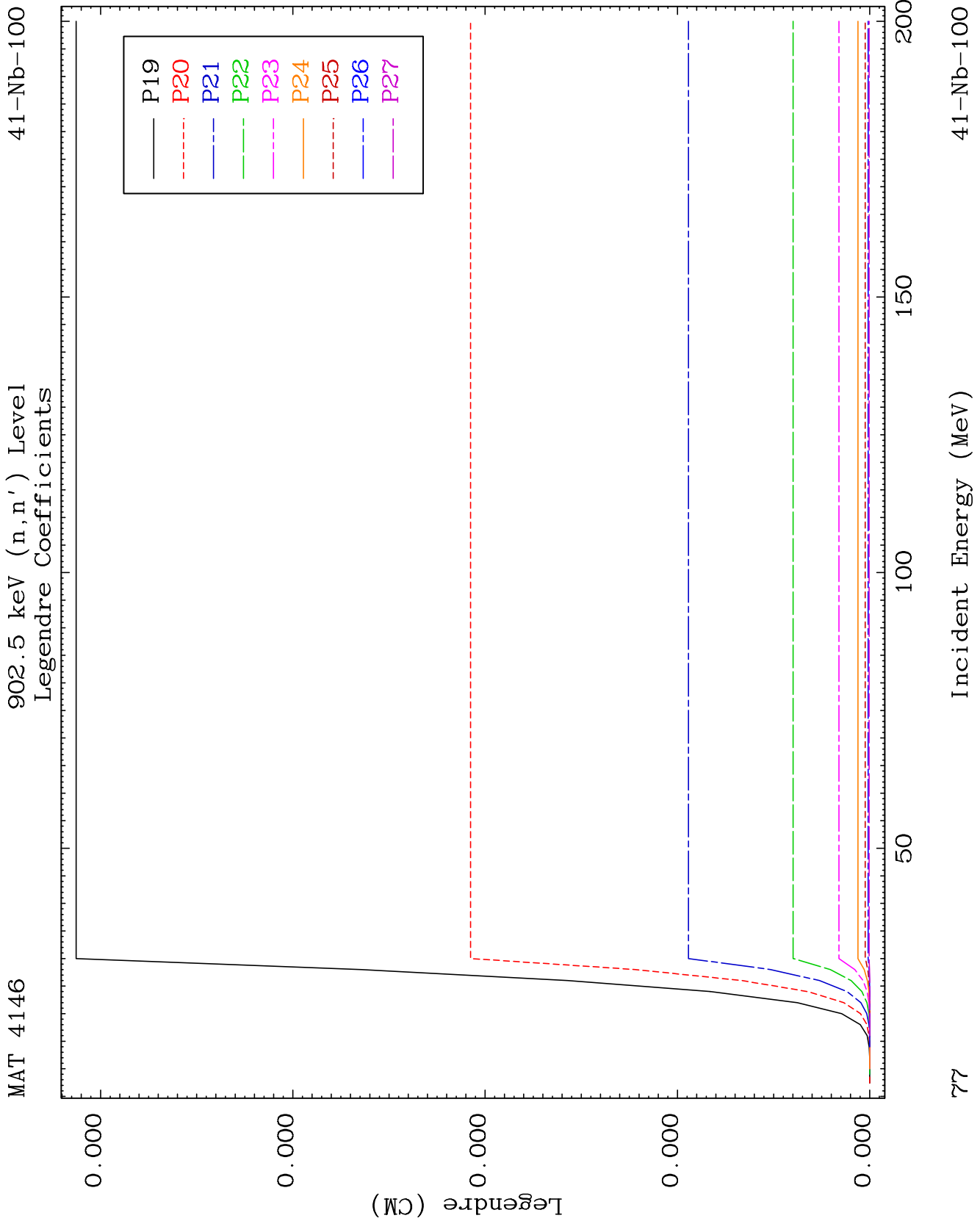
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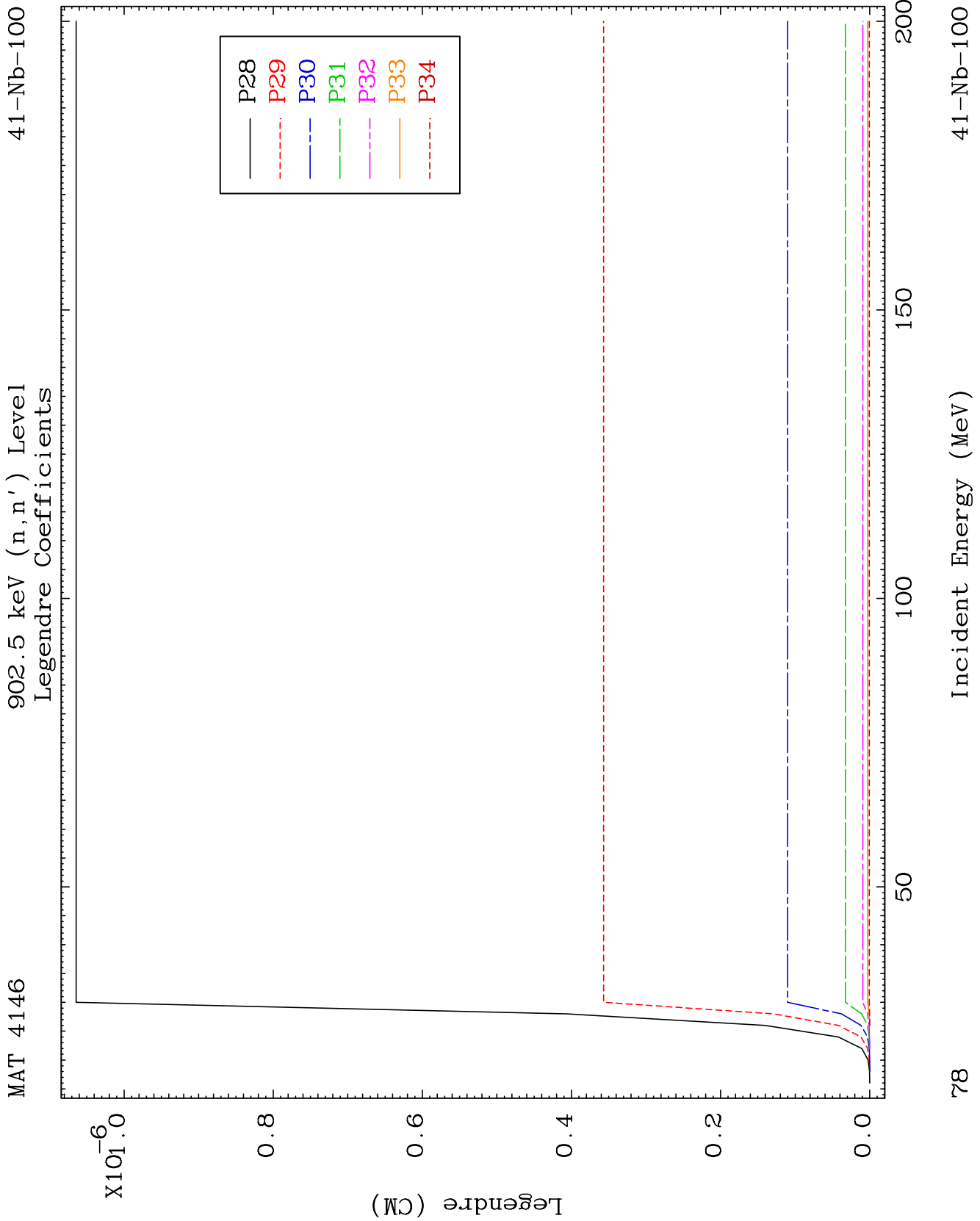


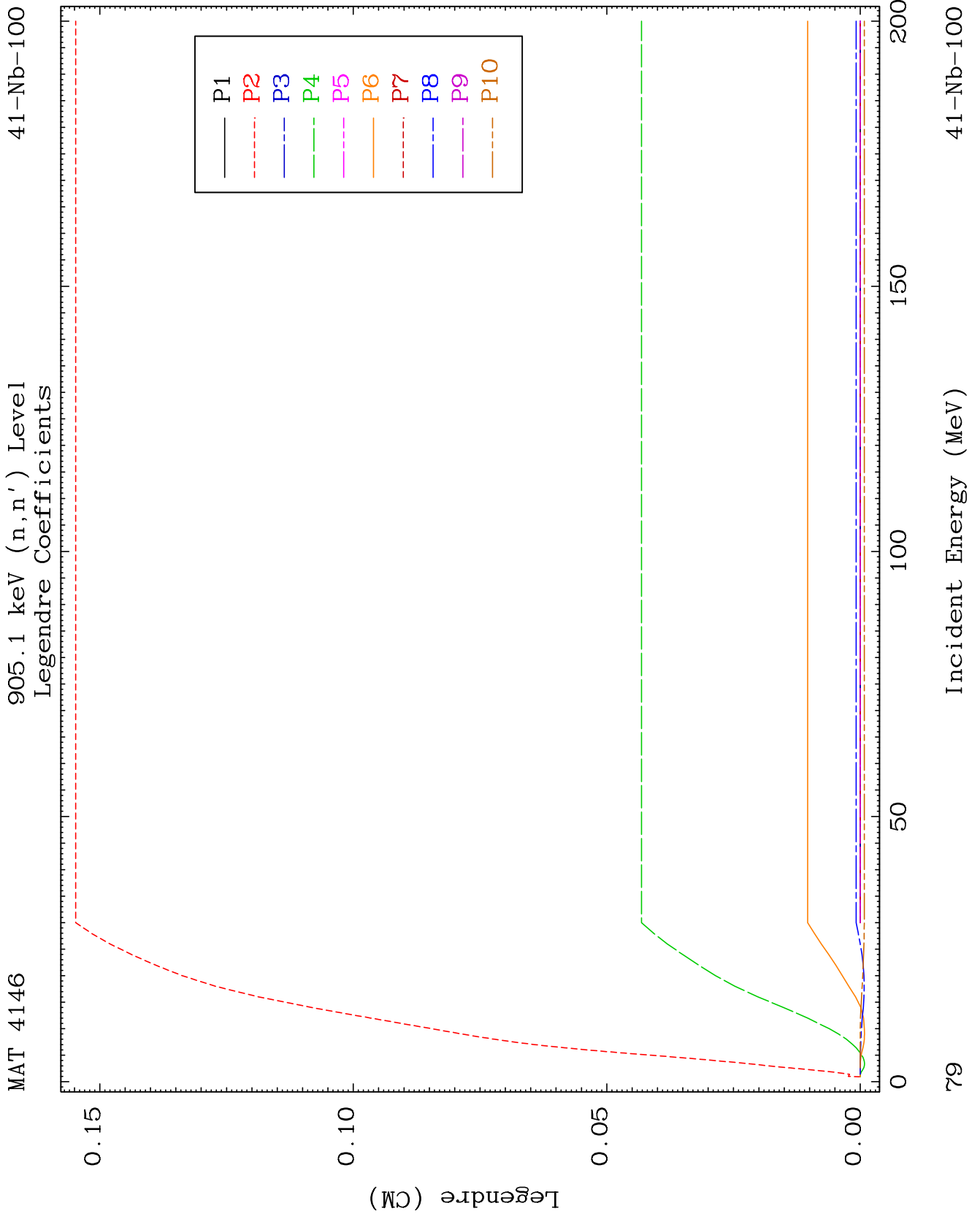


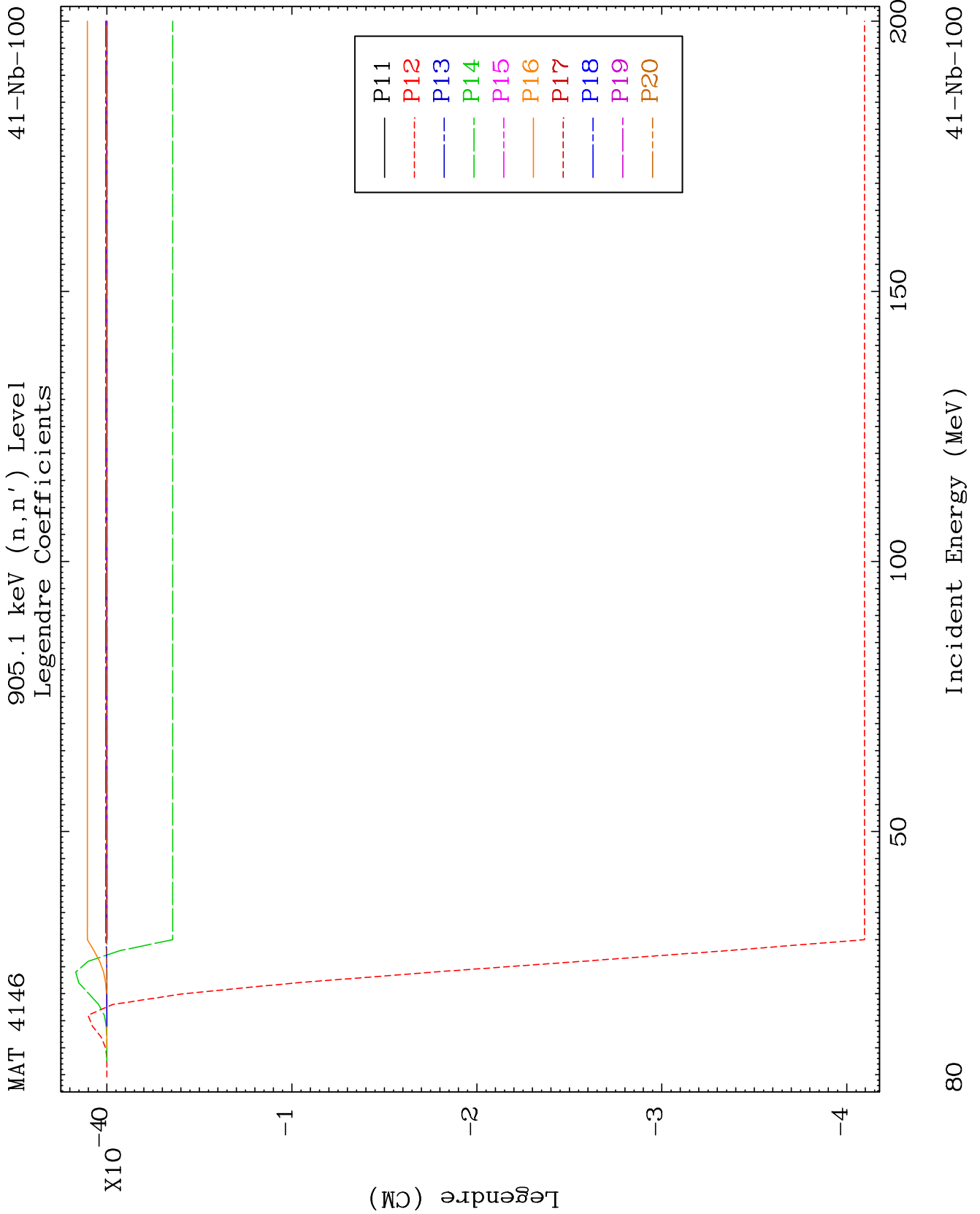


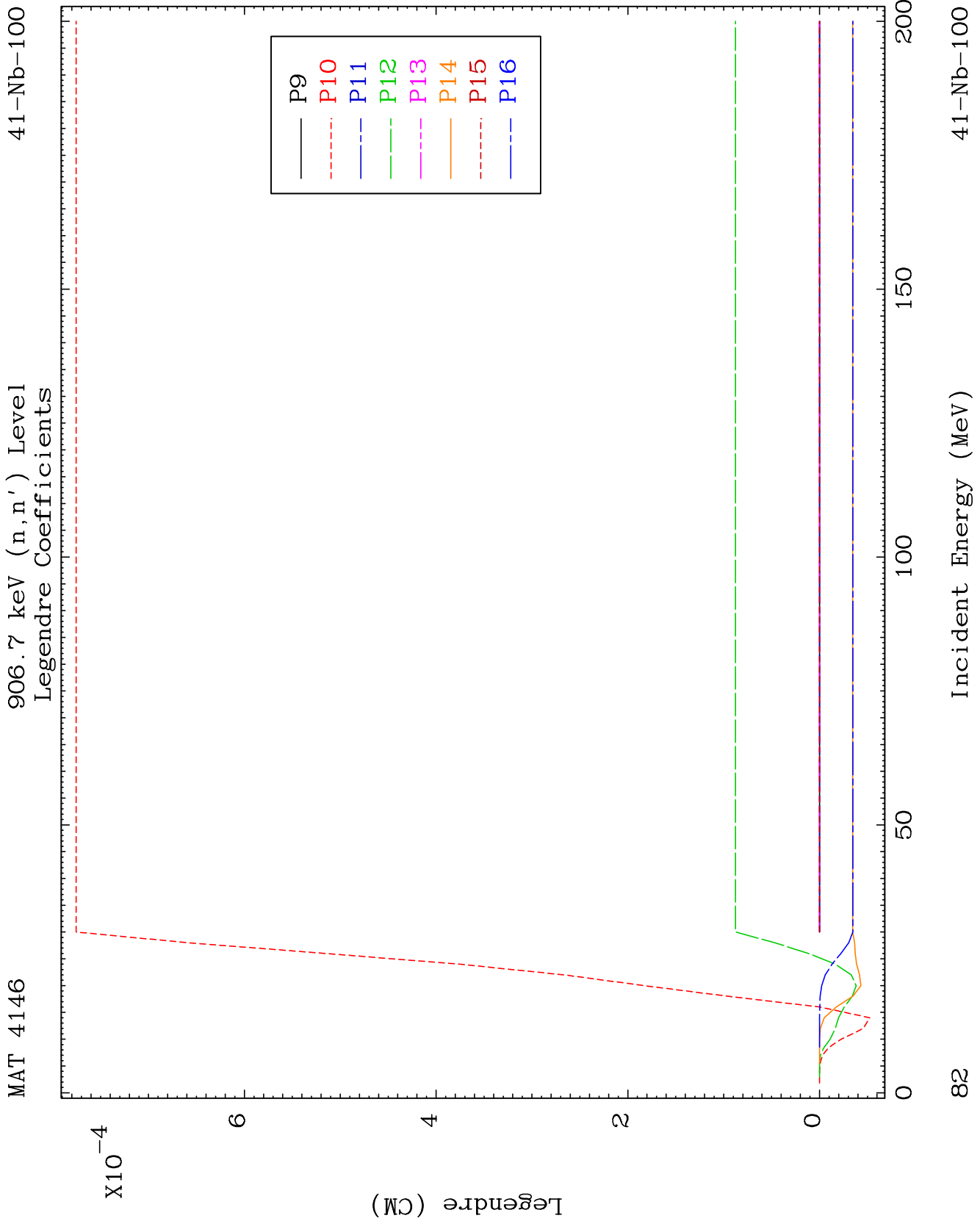


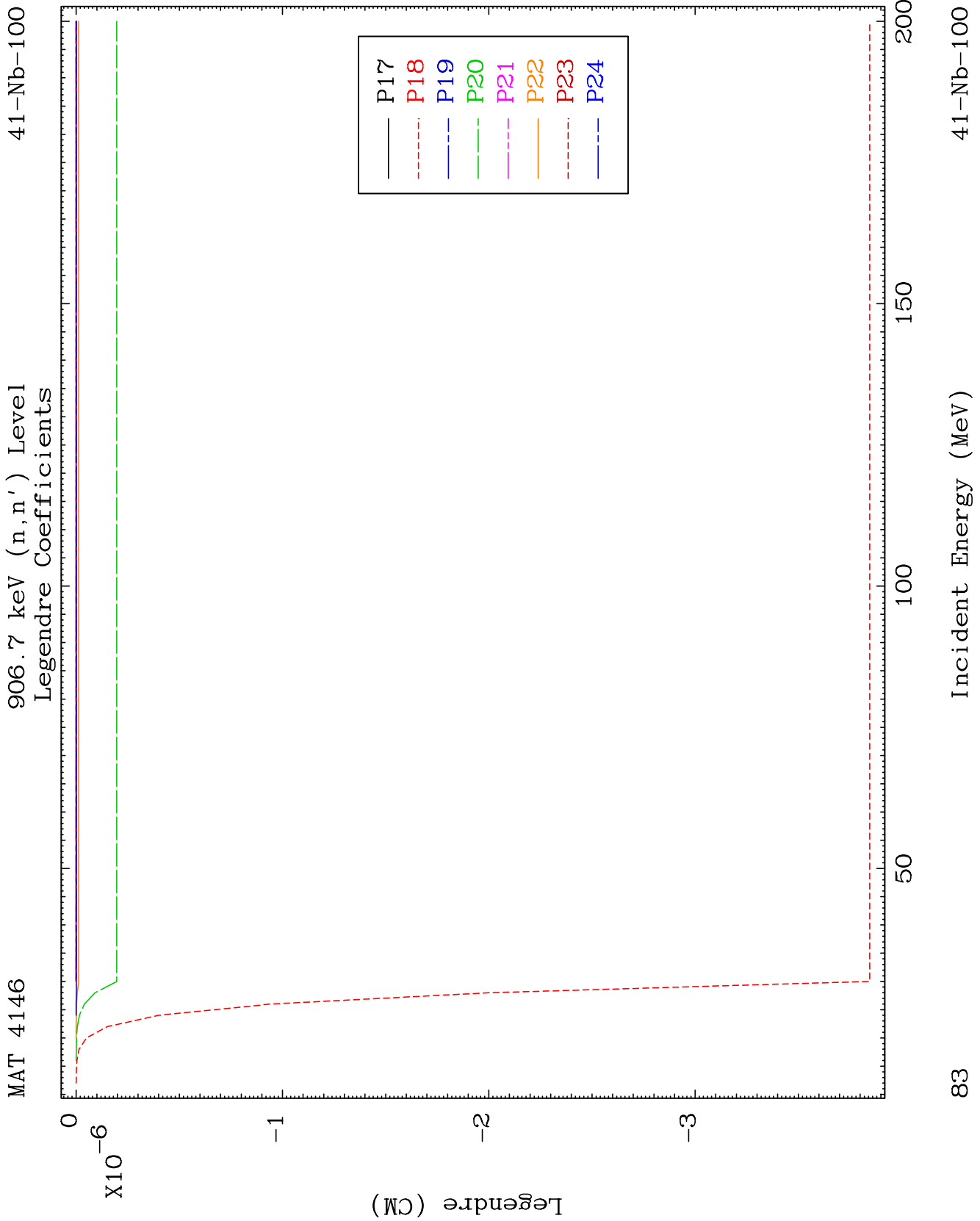


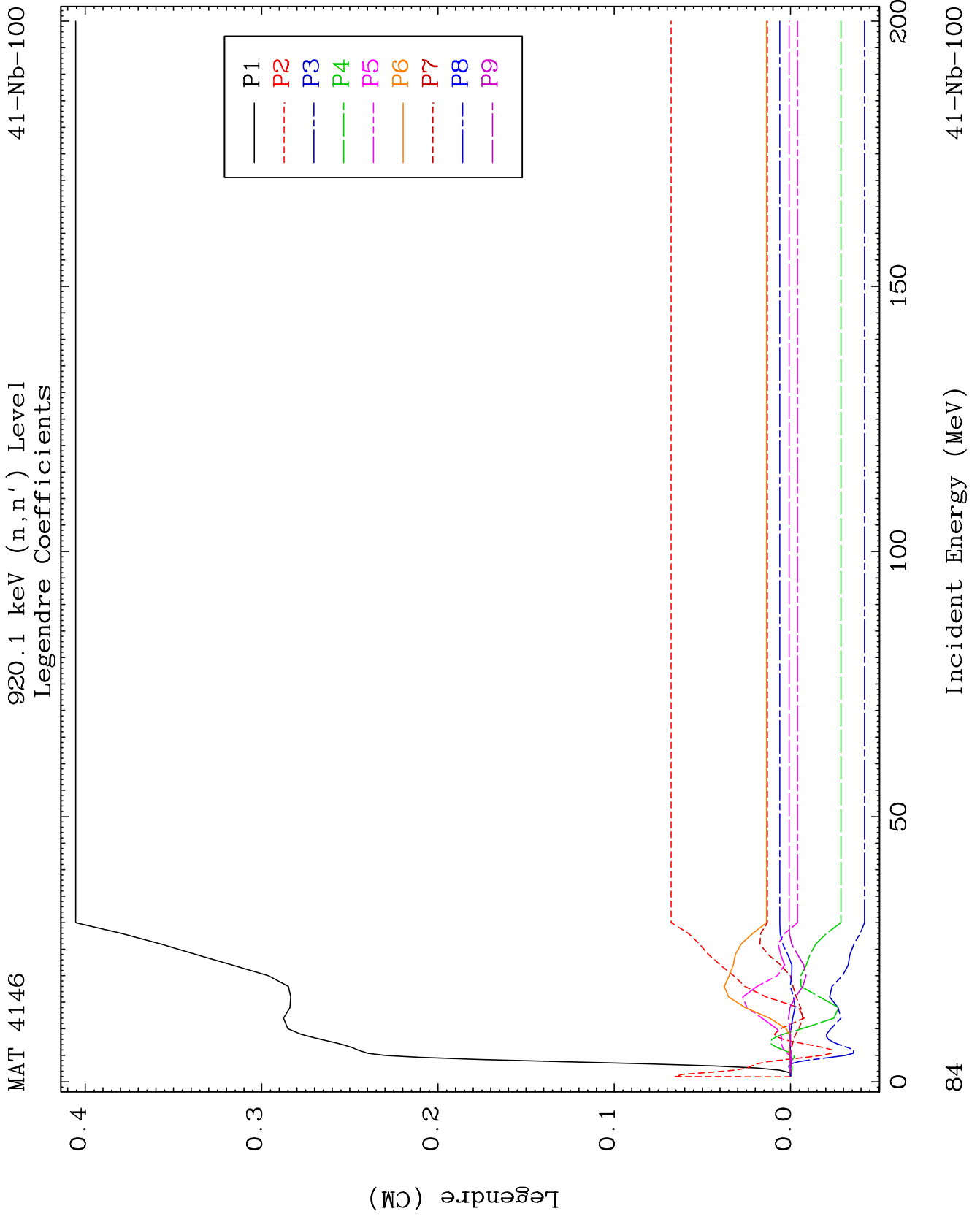








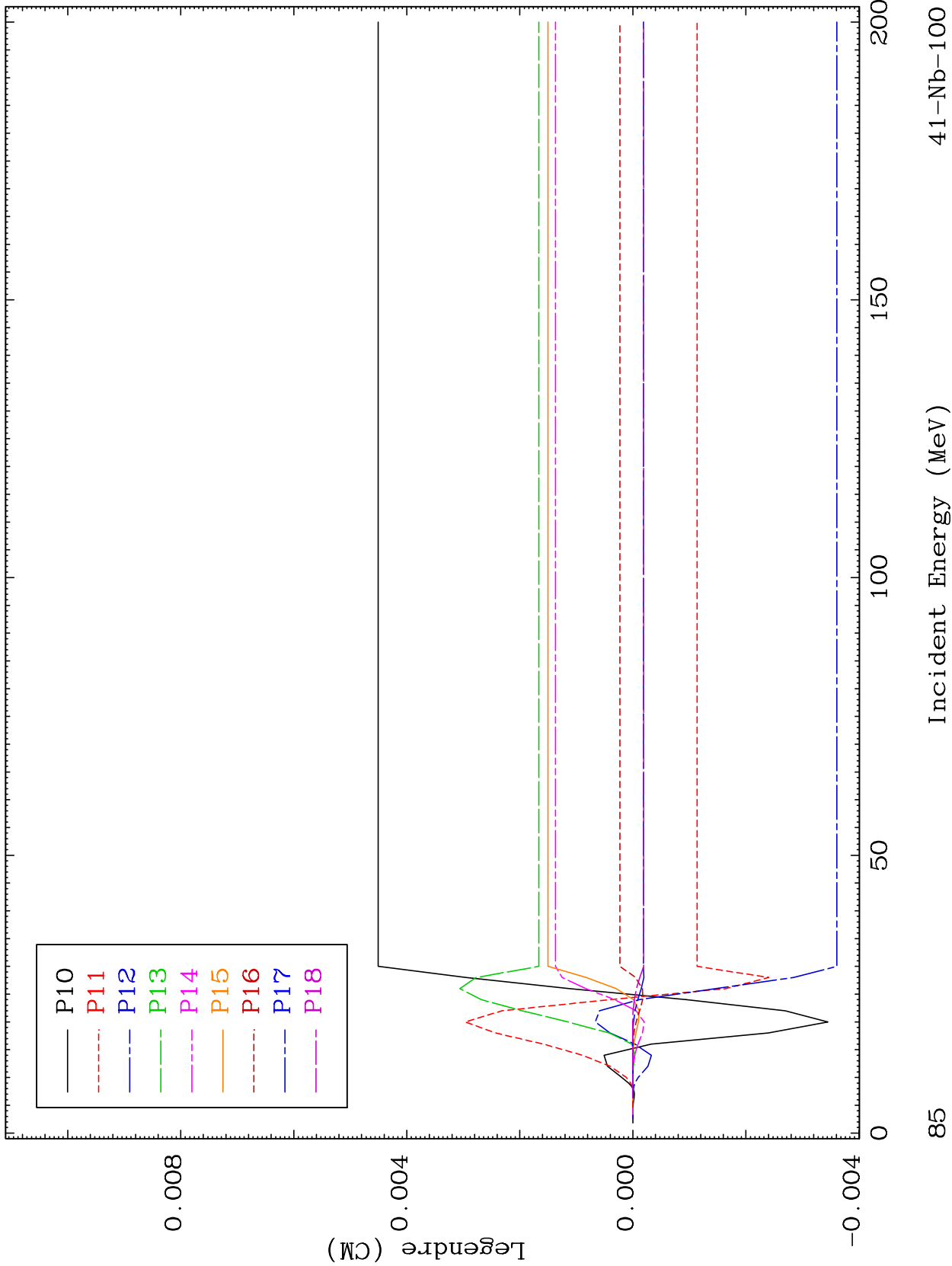




MAT 4146

920.1 keV (n,n') Level
Legendre Coefficients

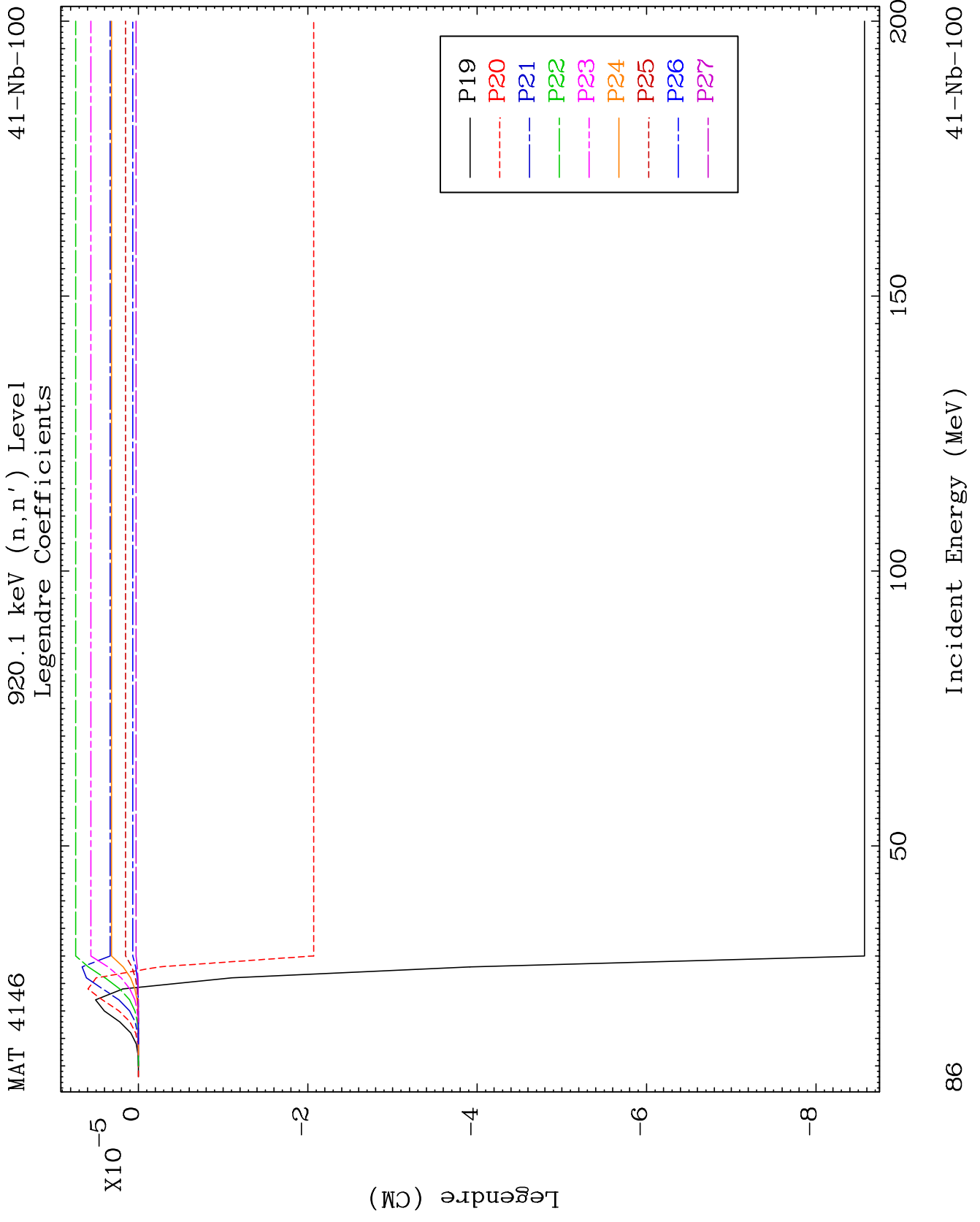
41-Nb-100



85

Incident Energy (MeV)

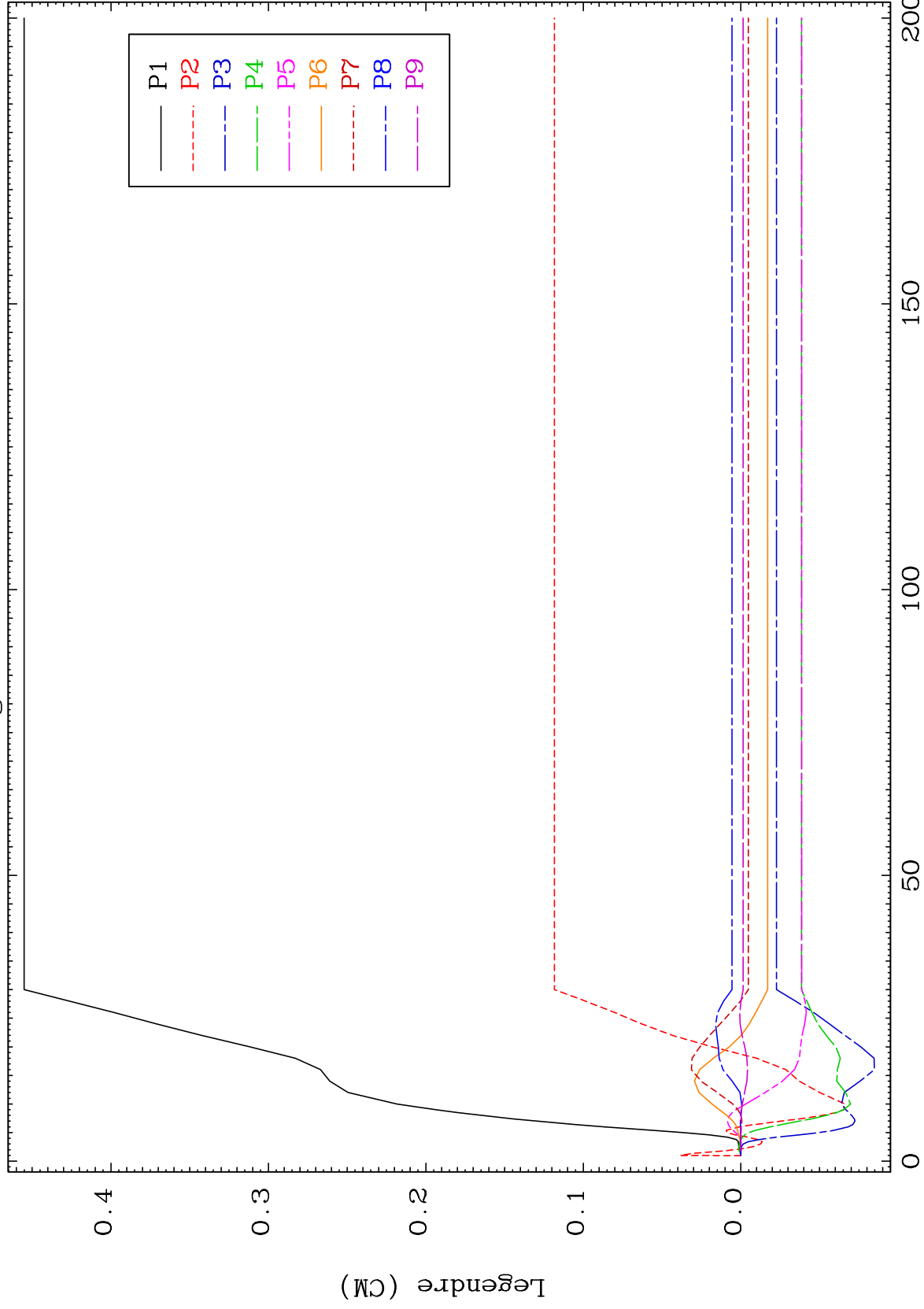
41-Nb-100



MAT 4146

932.5 keV (n,n') Level
Legendre Coefficients

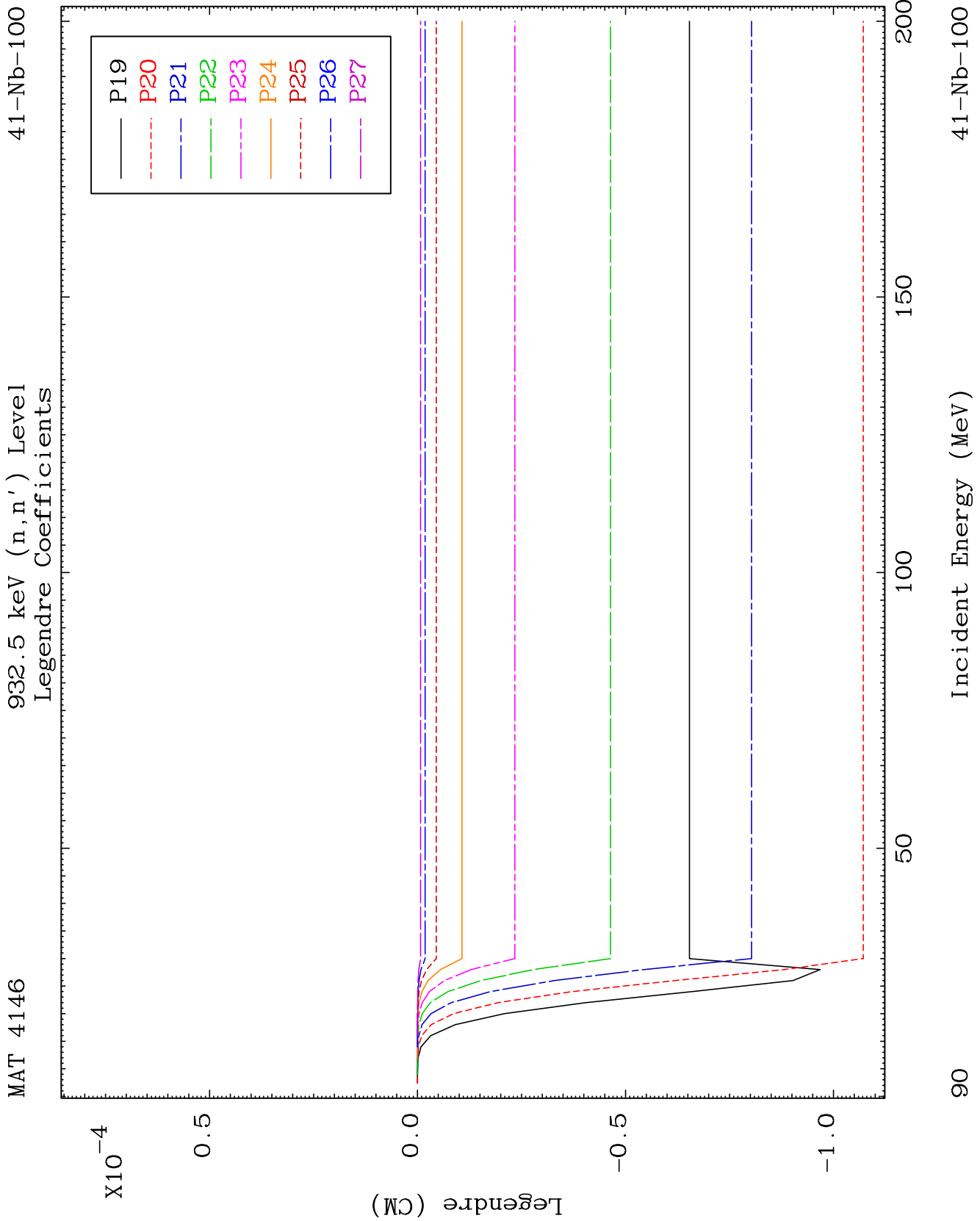
41-Nb-100

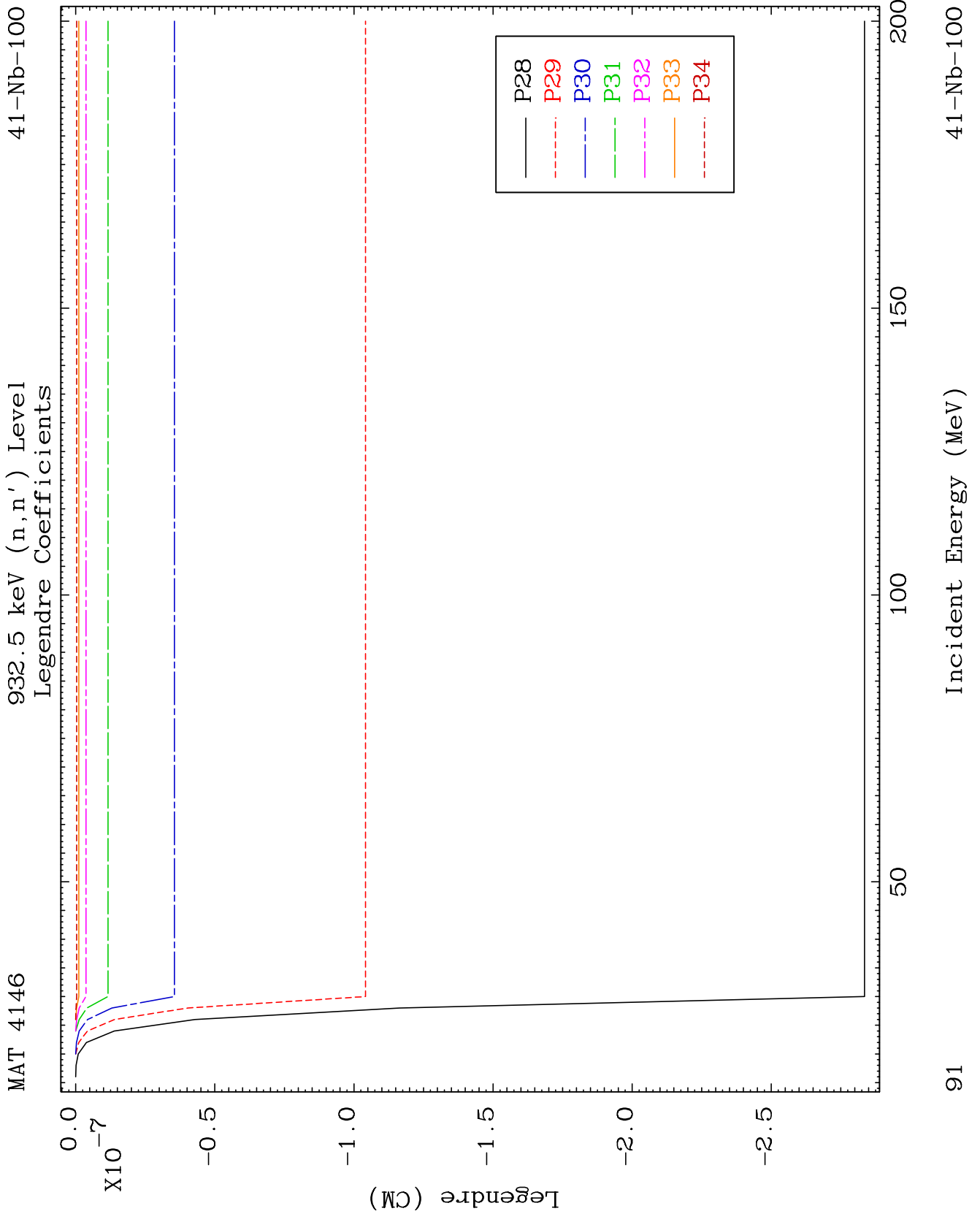


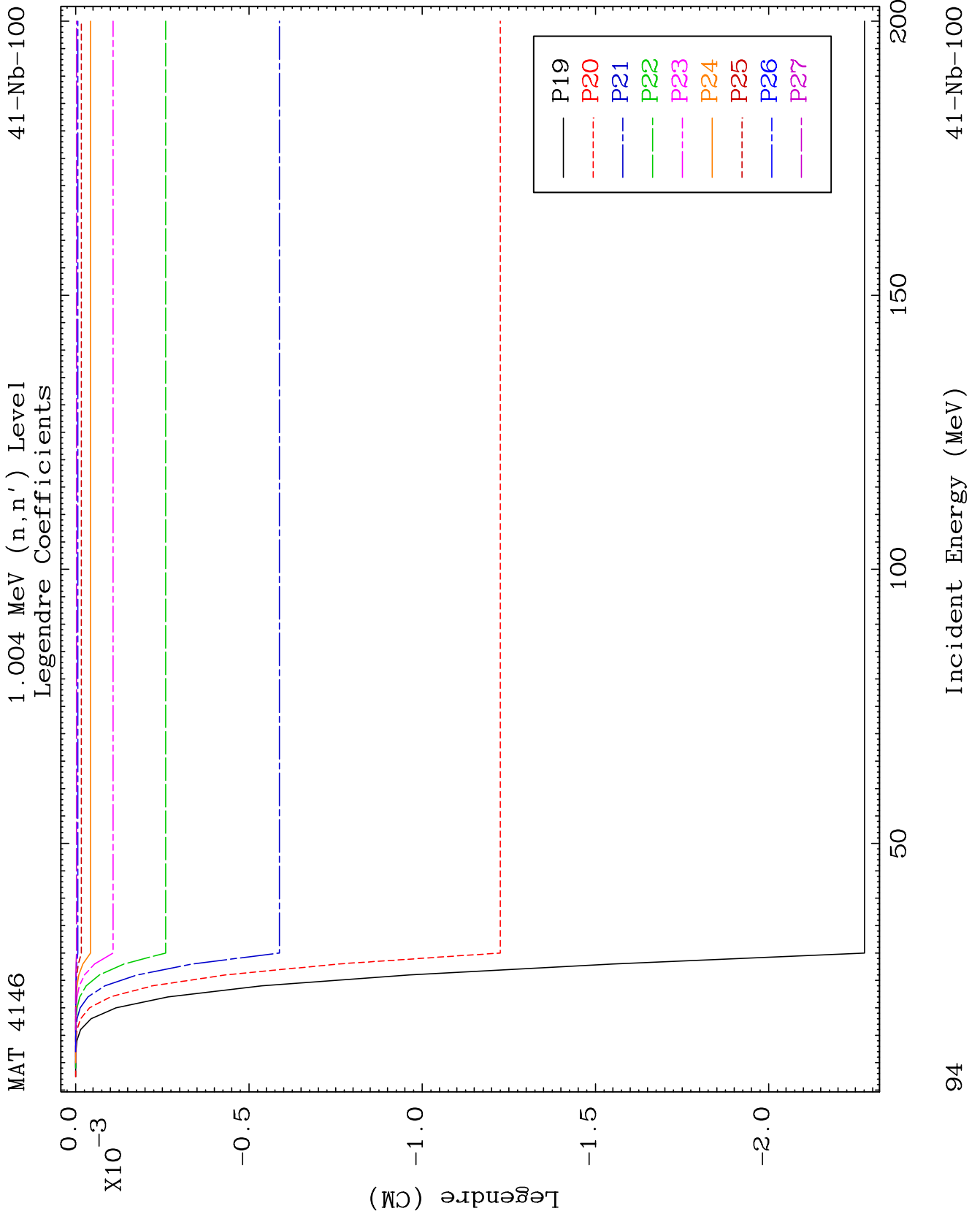
88

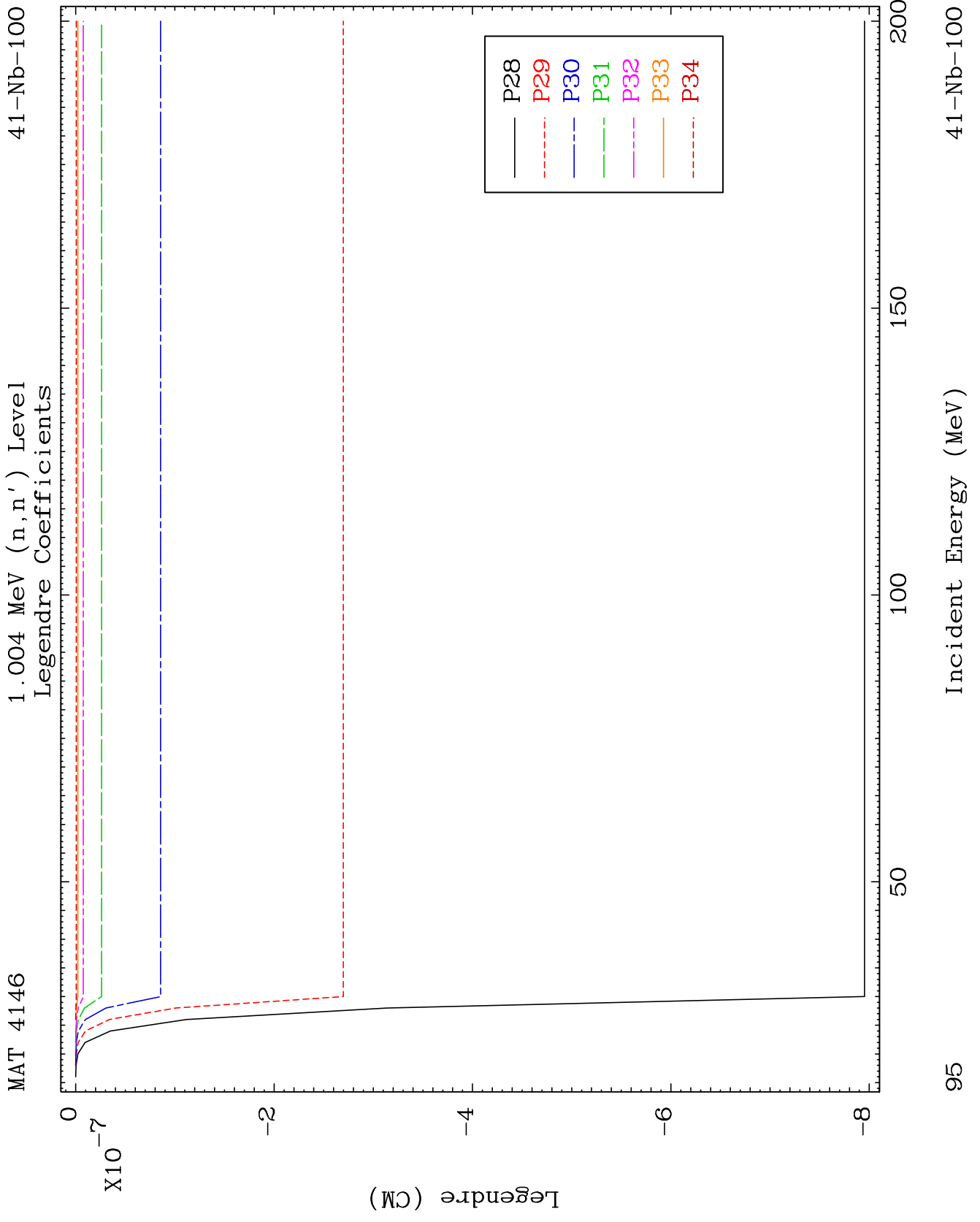
Incident Energy (MeV)

41-Nb-100





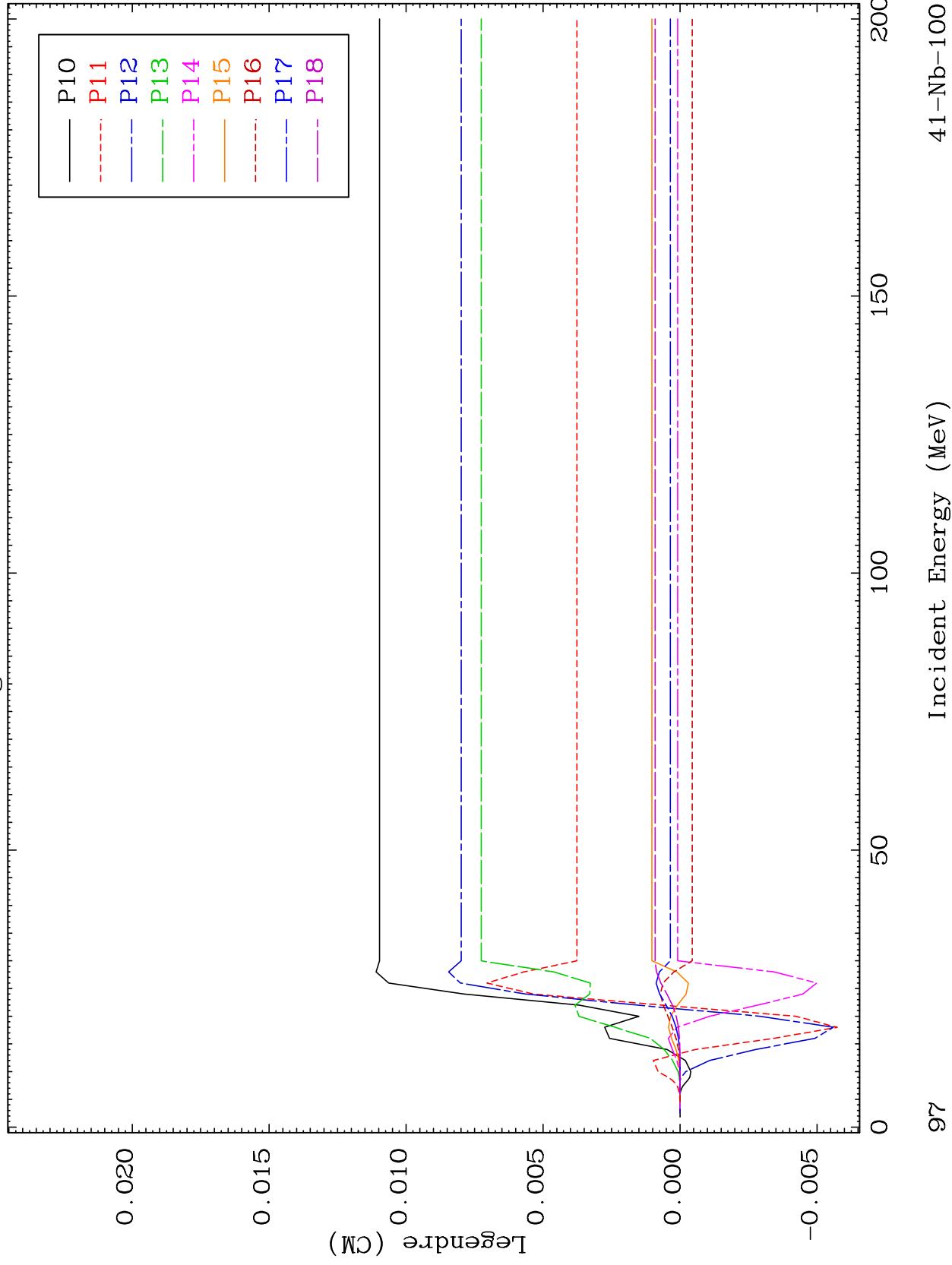


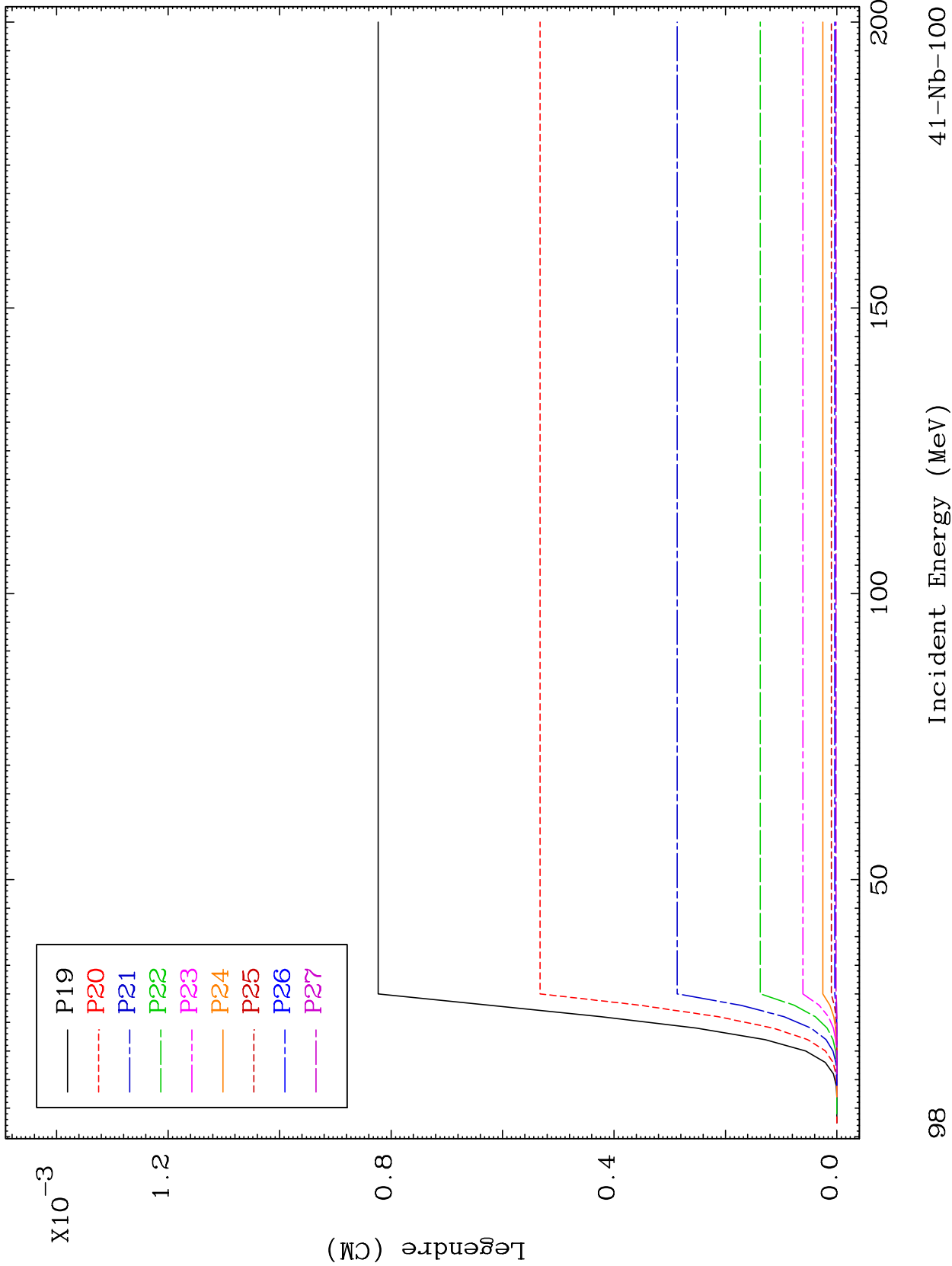


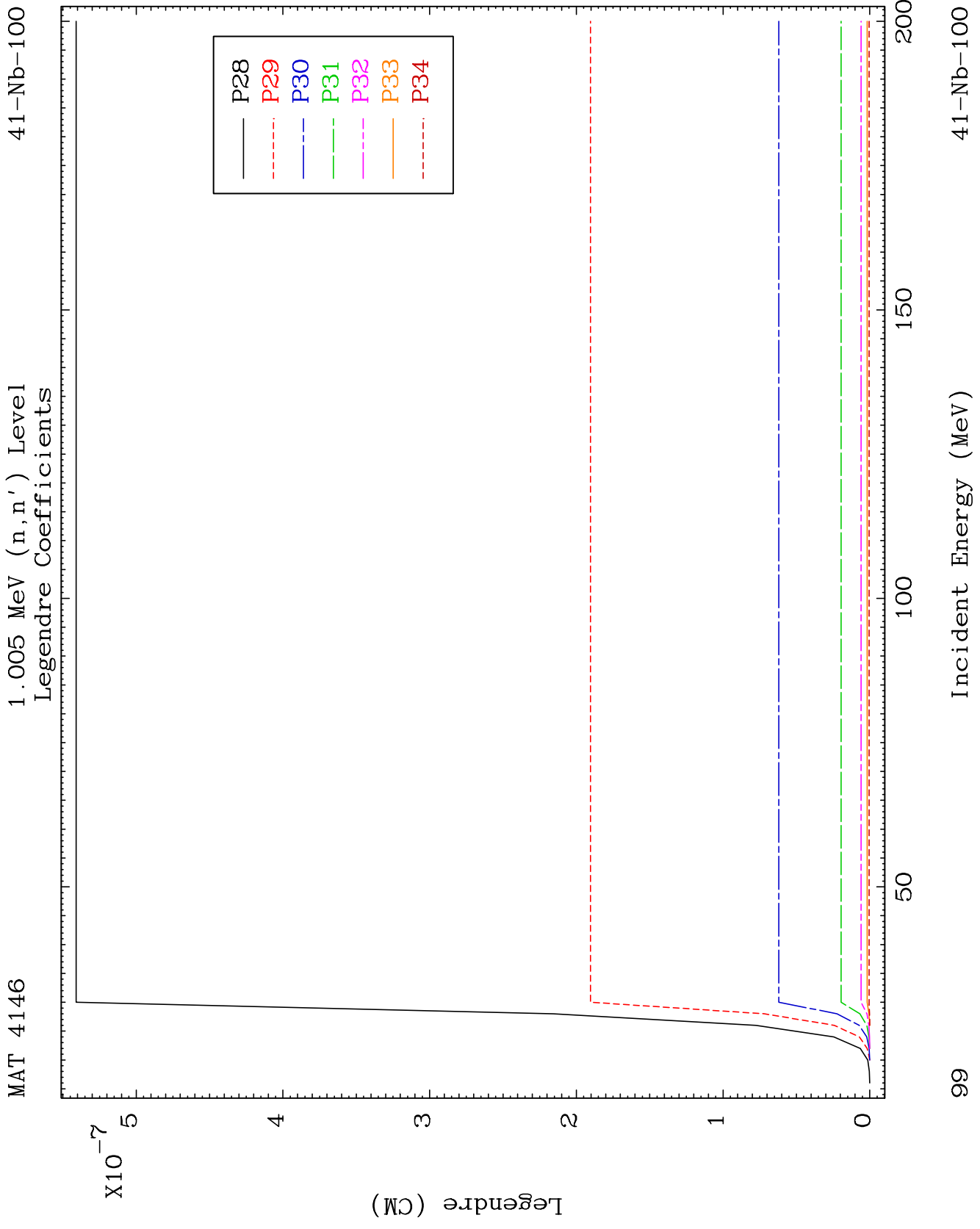
MAT 4146

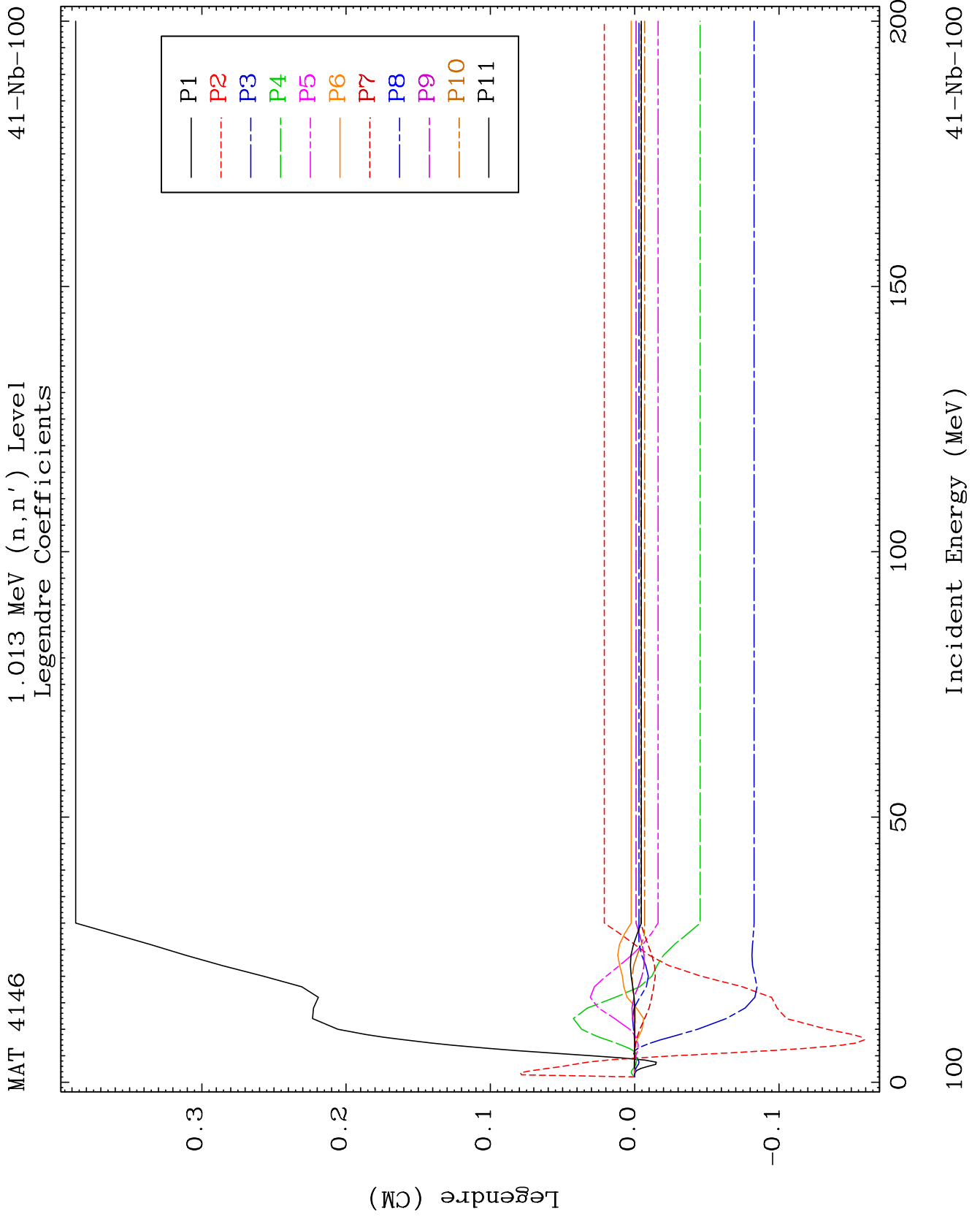
1.005 MeV (n,n') Level
Legendre Coefficients

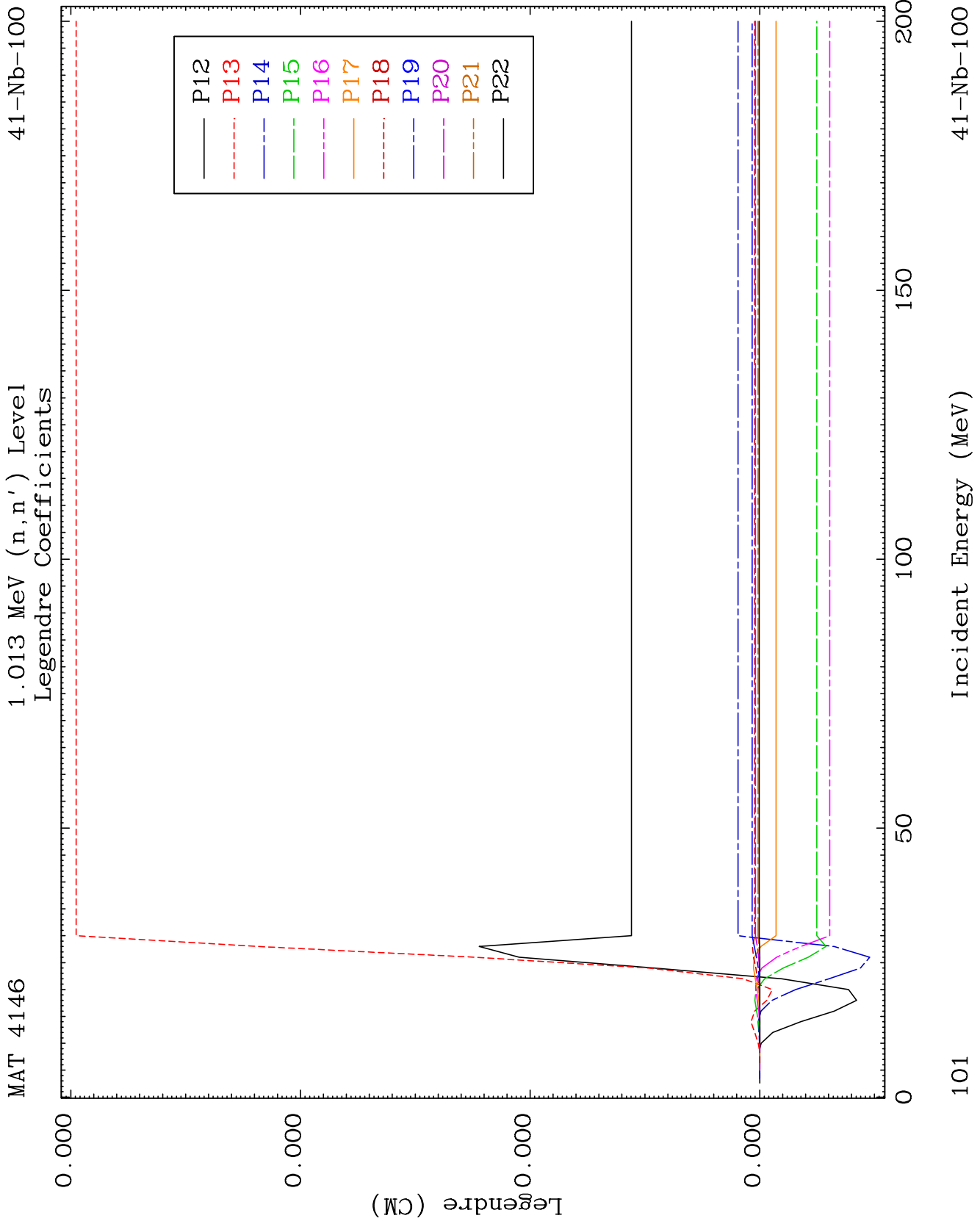
41-Nb-100

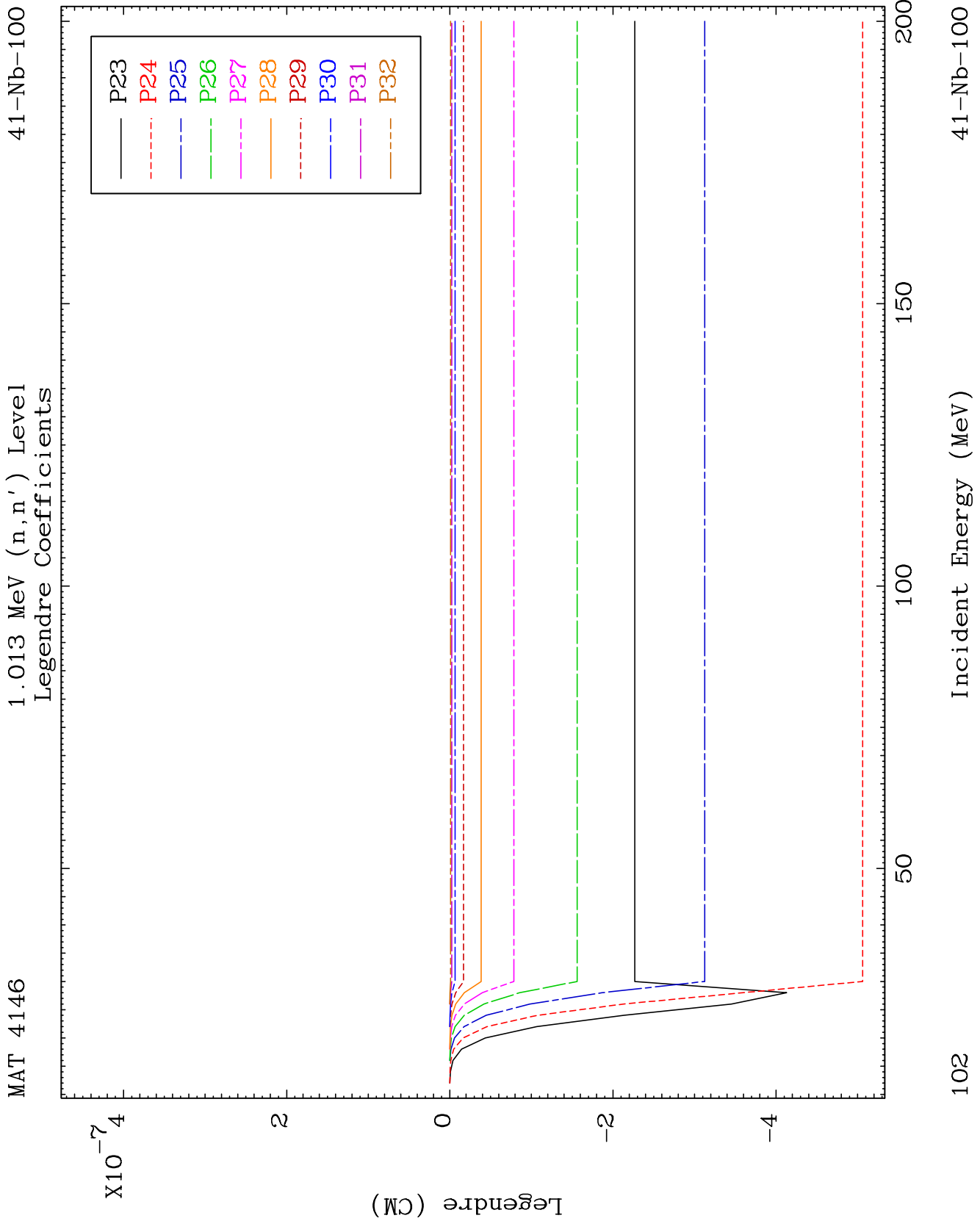


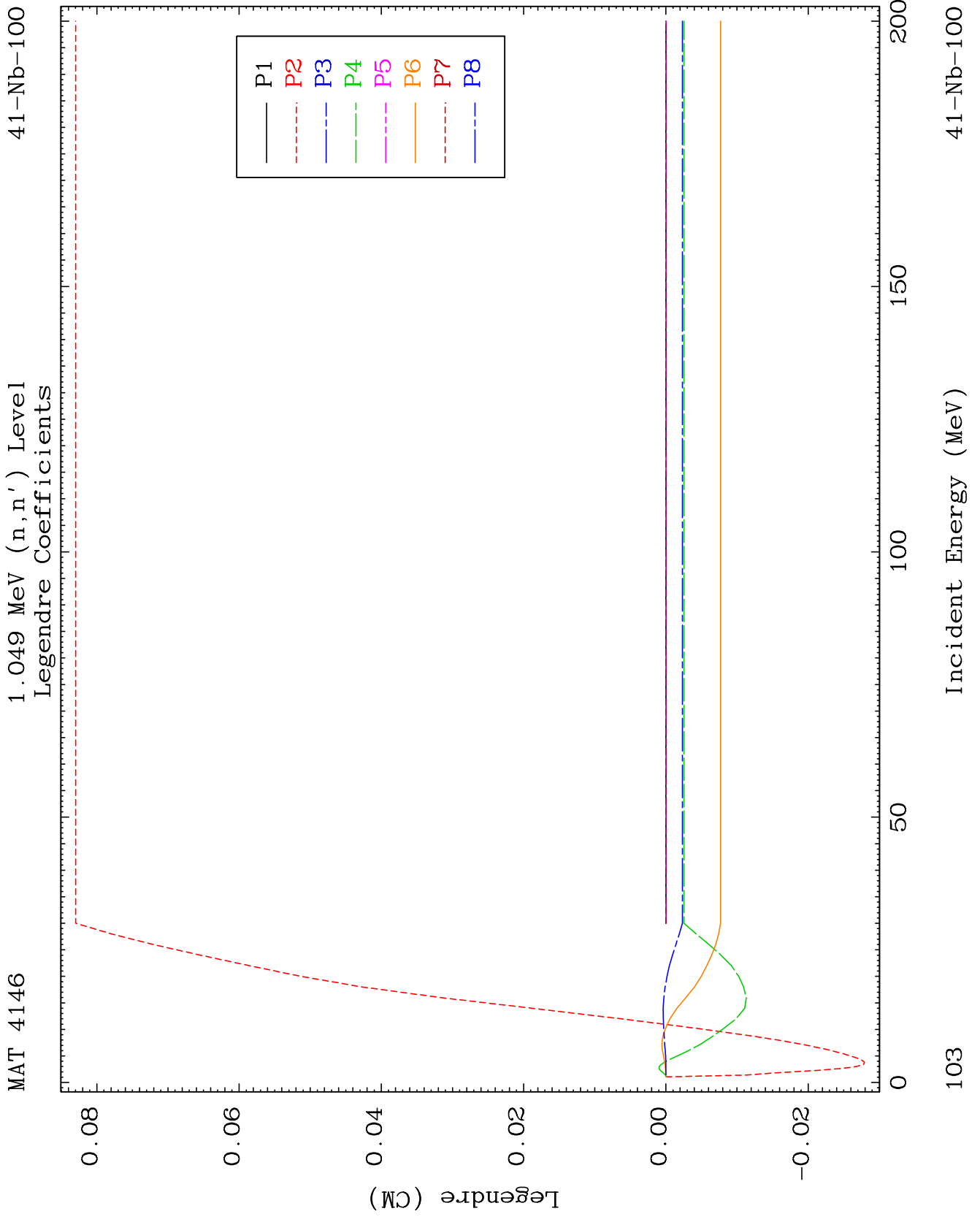


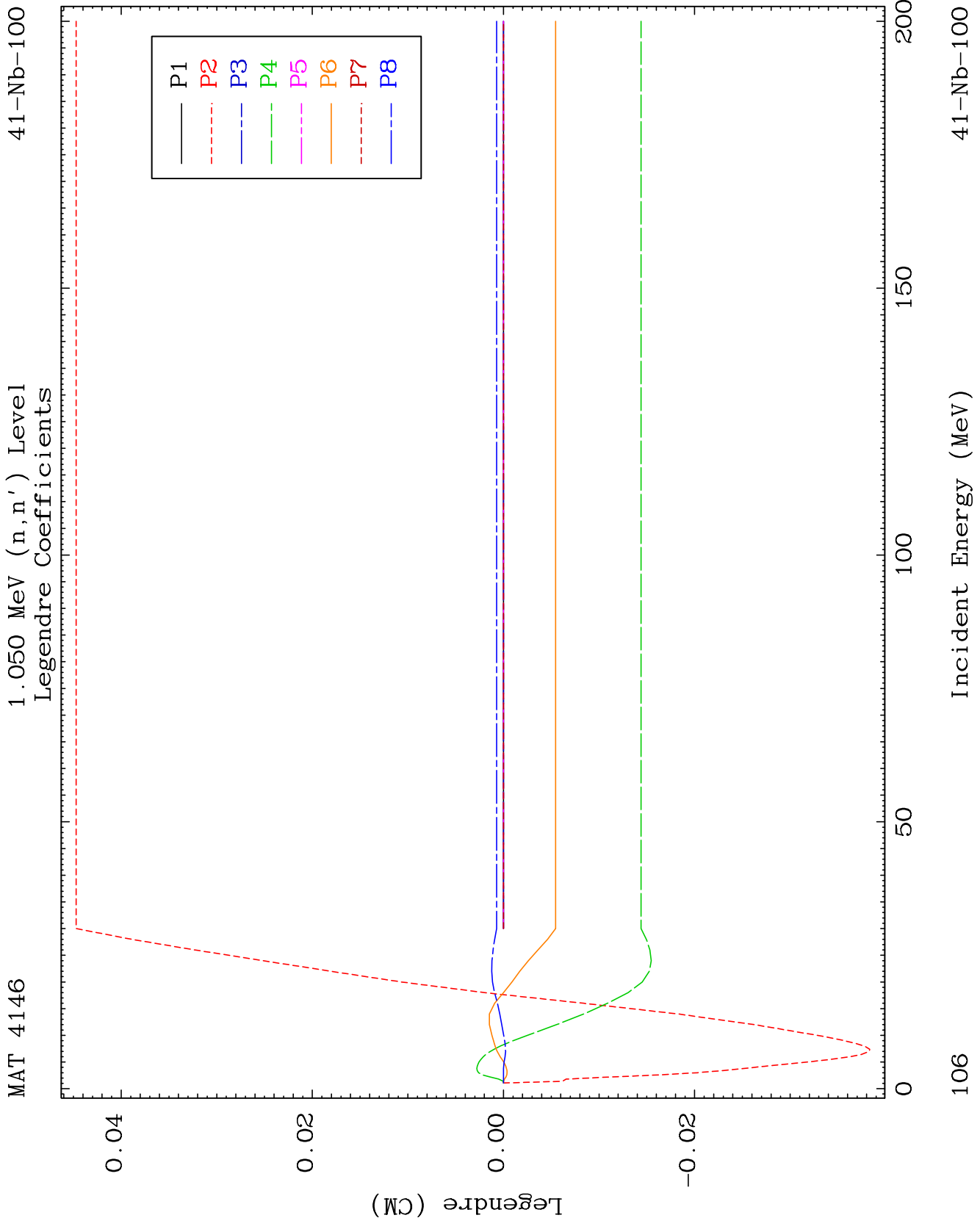


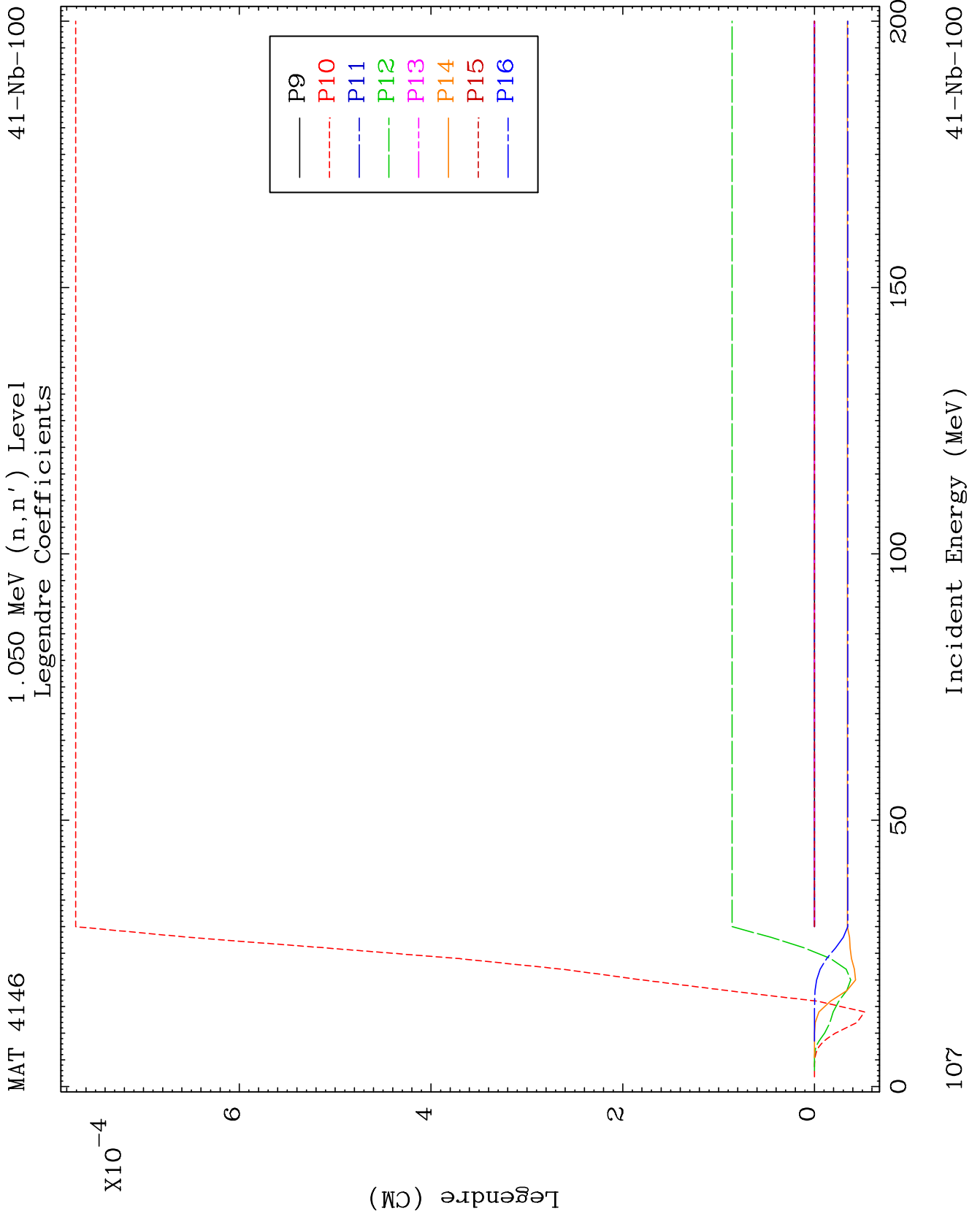


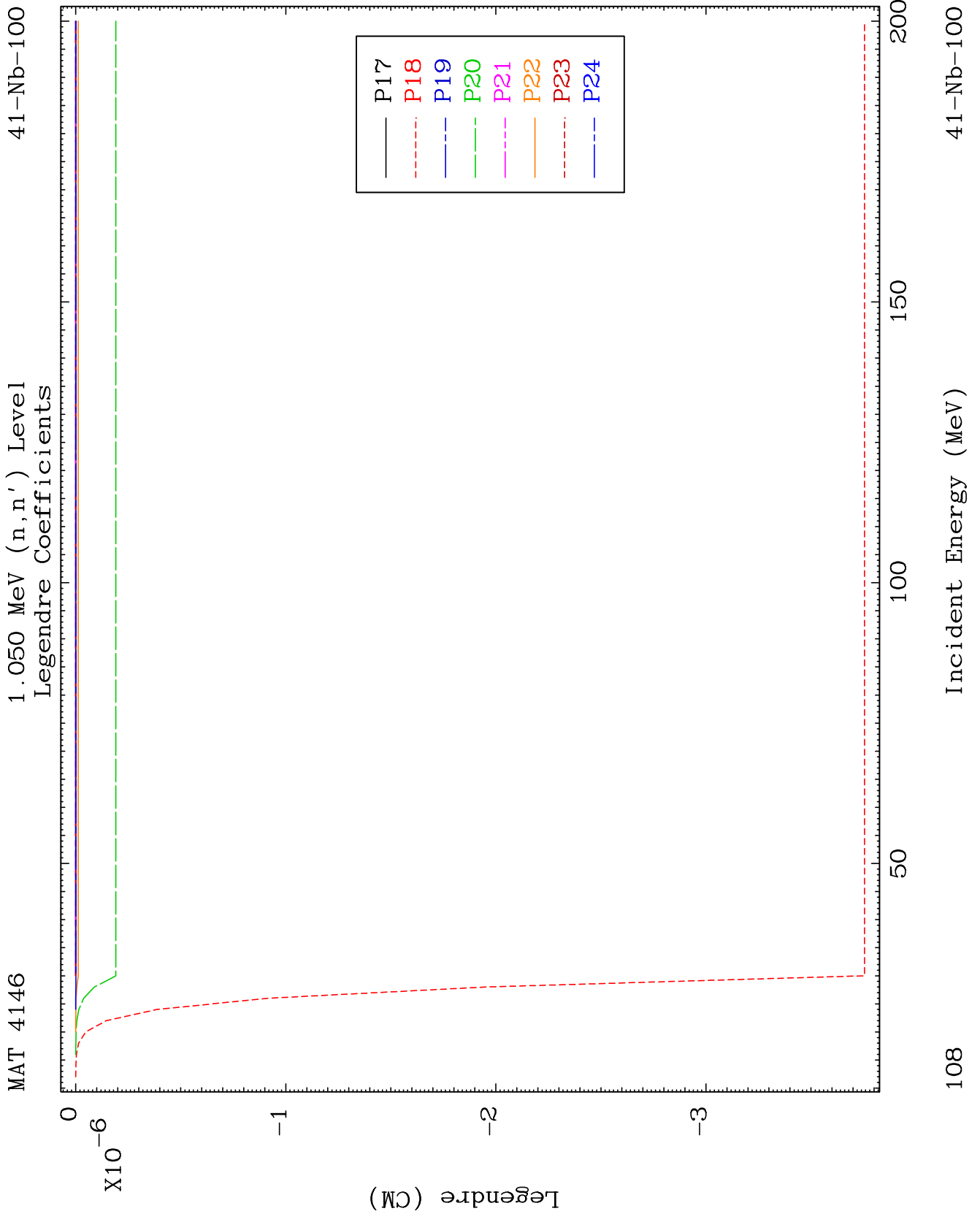








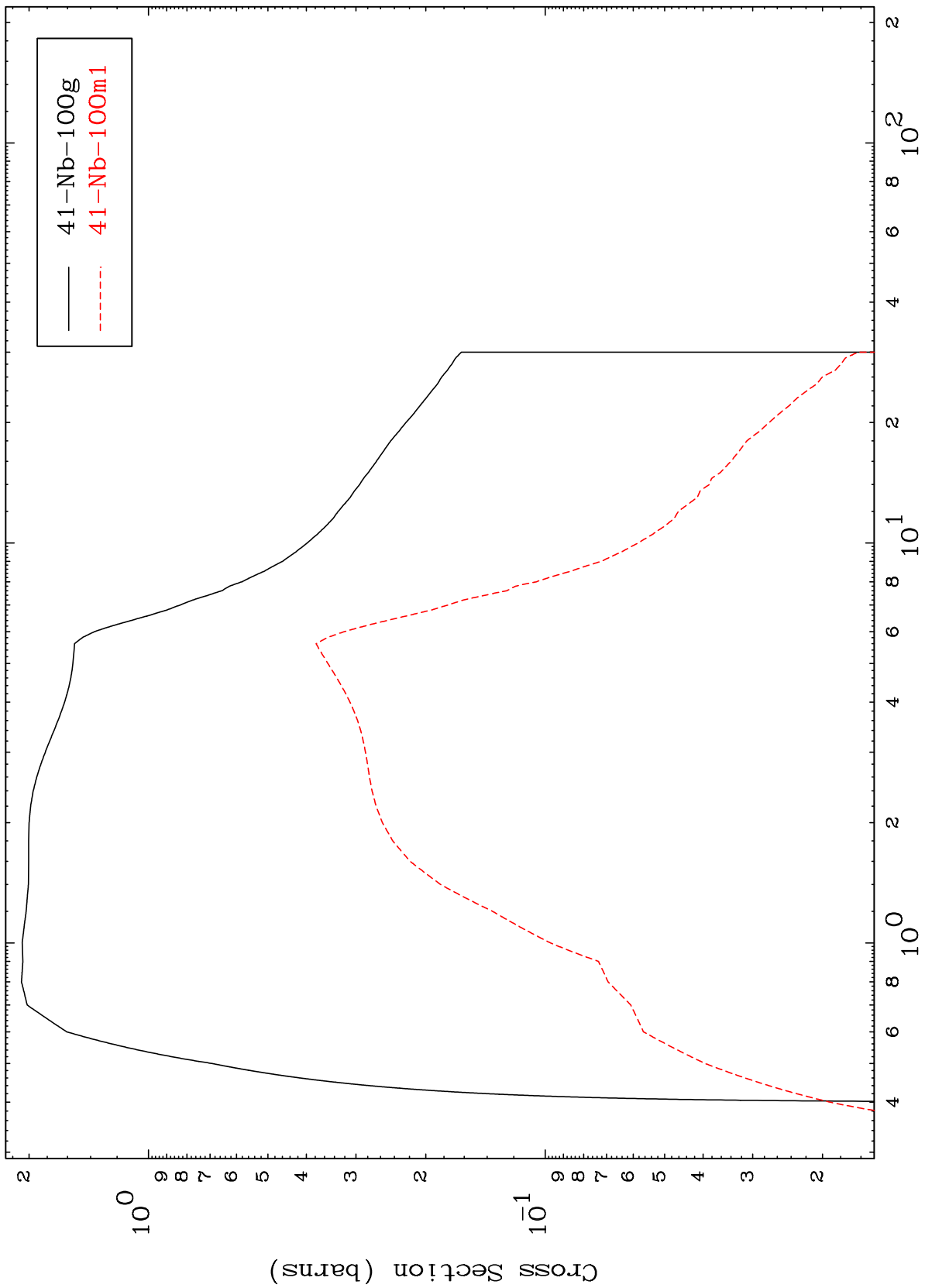




MAT 4146

41-Nb-100

Inelastic
Radionuclide Production Cross Section



41-Nb-100g
41-Nb-100m1

109

Incident Energy (MeV)

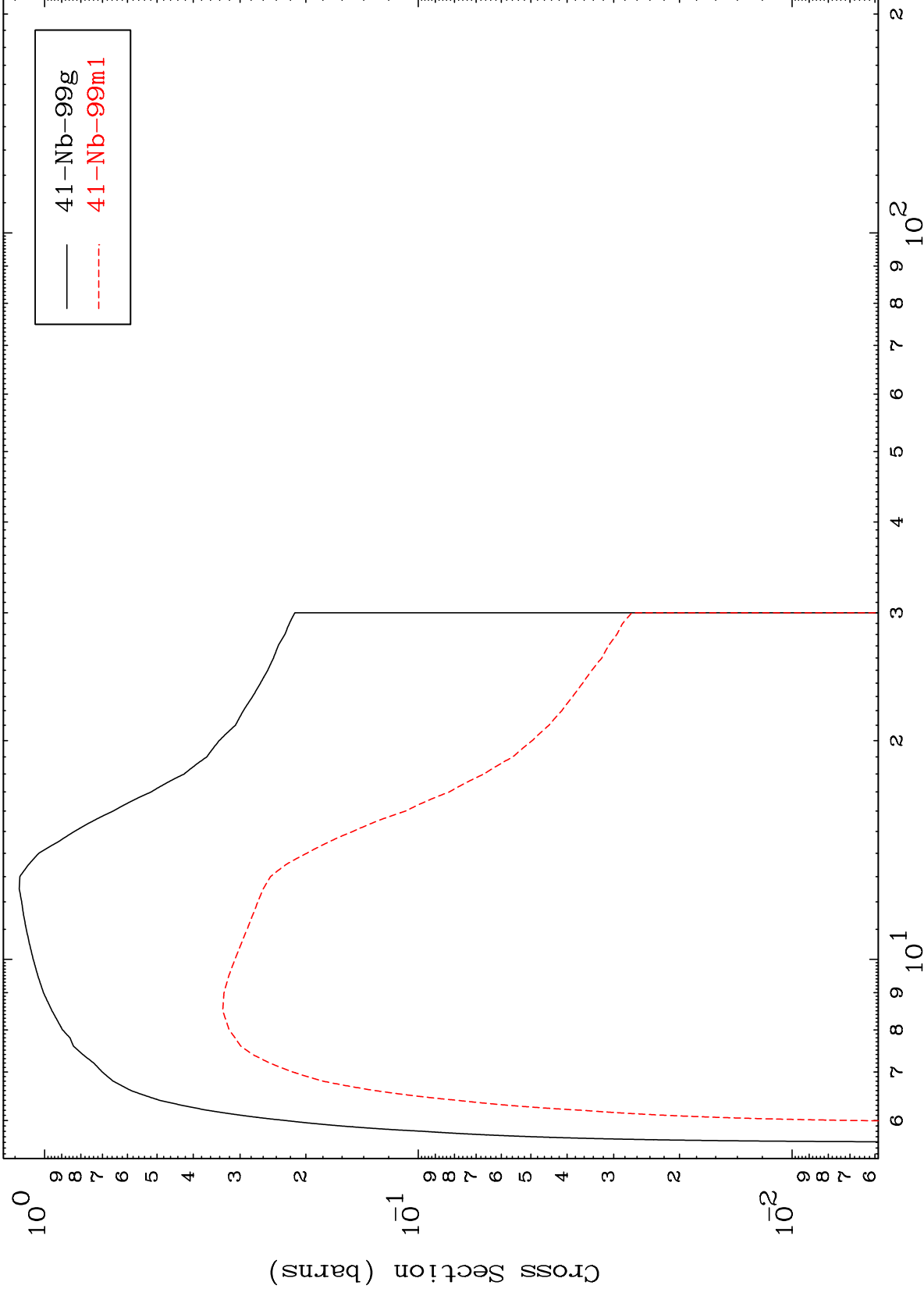
41-Nb-100

MAT 4146

(n,2n)

41-Nb-100

Radionuclide Production Cross Section



41-Nb-99g
41-Nb-99m1

110

Incident Energy (MeV)

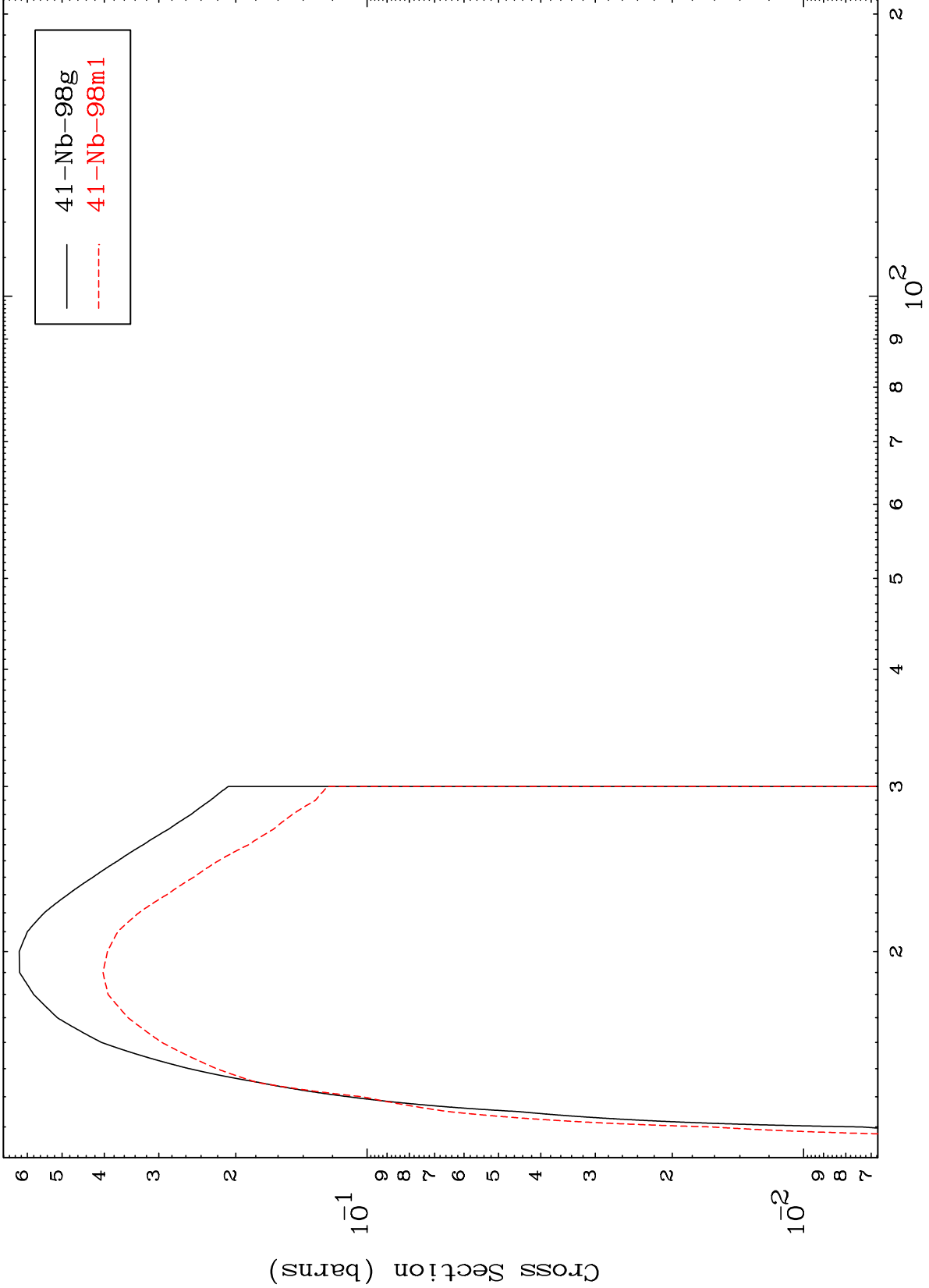
41-Nb-100

MAT 4146

(n,3n)

41-Nb-100

Radionuclide Production Cross Section



41-Nb-98g
41-Nb-98m1

111

Incident Energy (MeV)

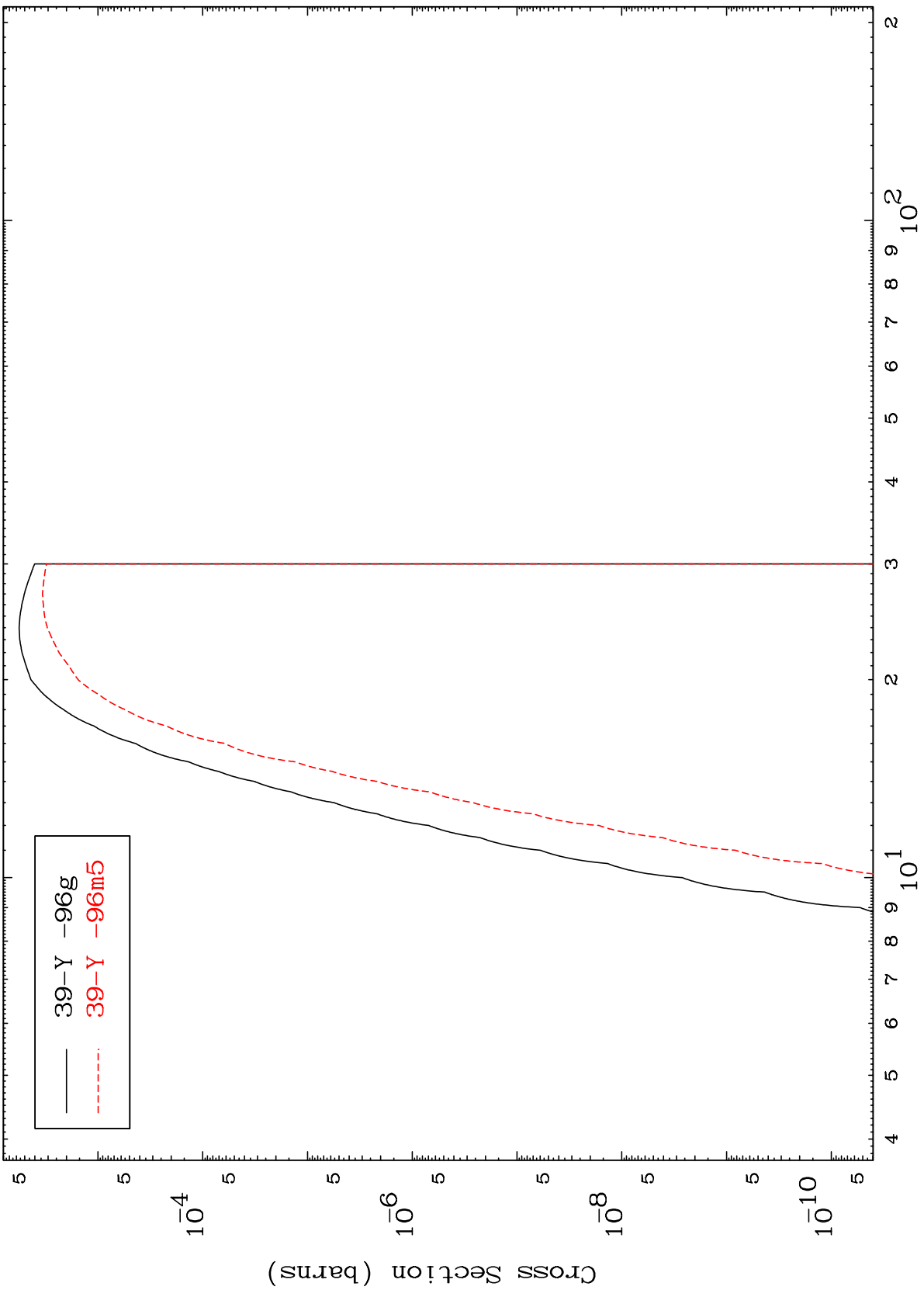
41-Nb-100

MAT 4146

$(n, n') \alpha$

41-Nb-100

Radionuclide Production Cross Section



112

Incident Energy (MeV)

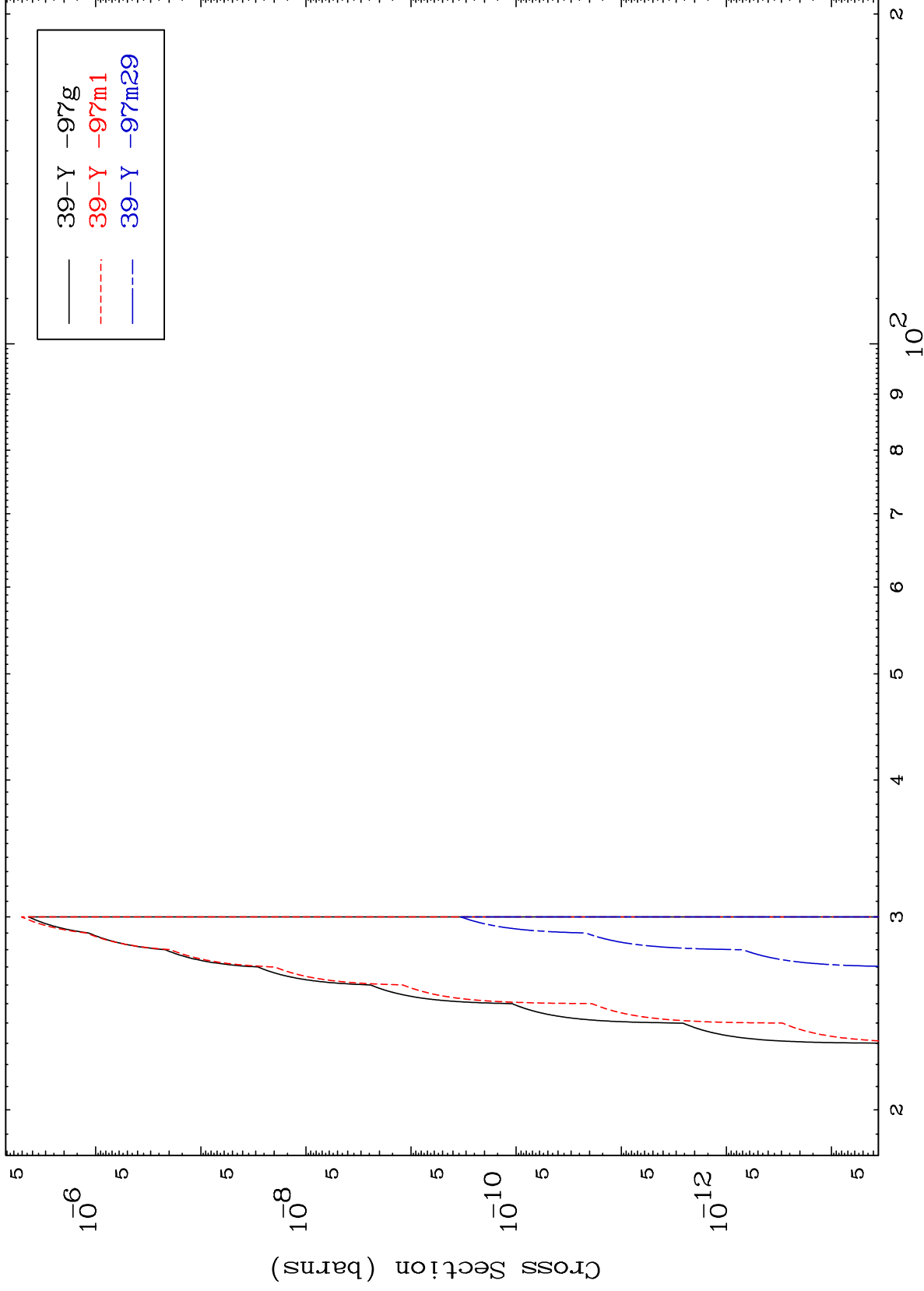
41-Nb-100

MAT 4146

(n,n') He-3

41-Nb-100

Radionuclide Production Cross Section



113

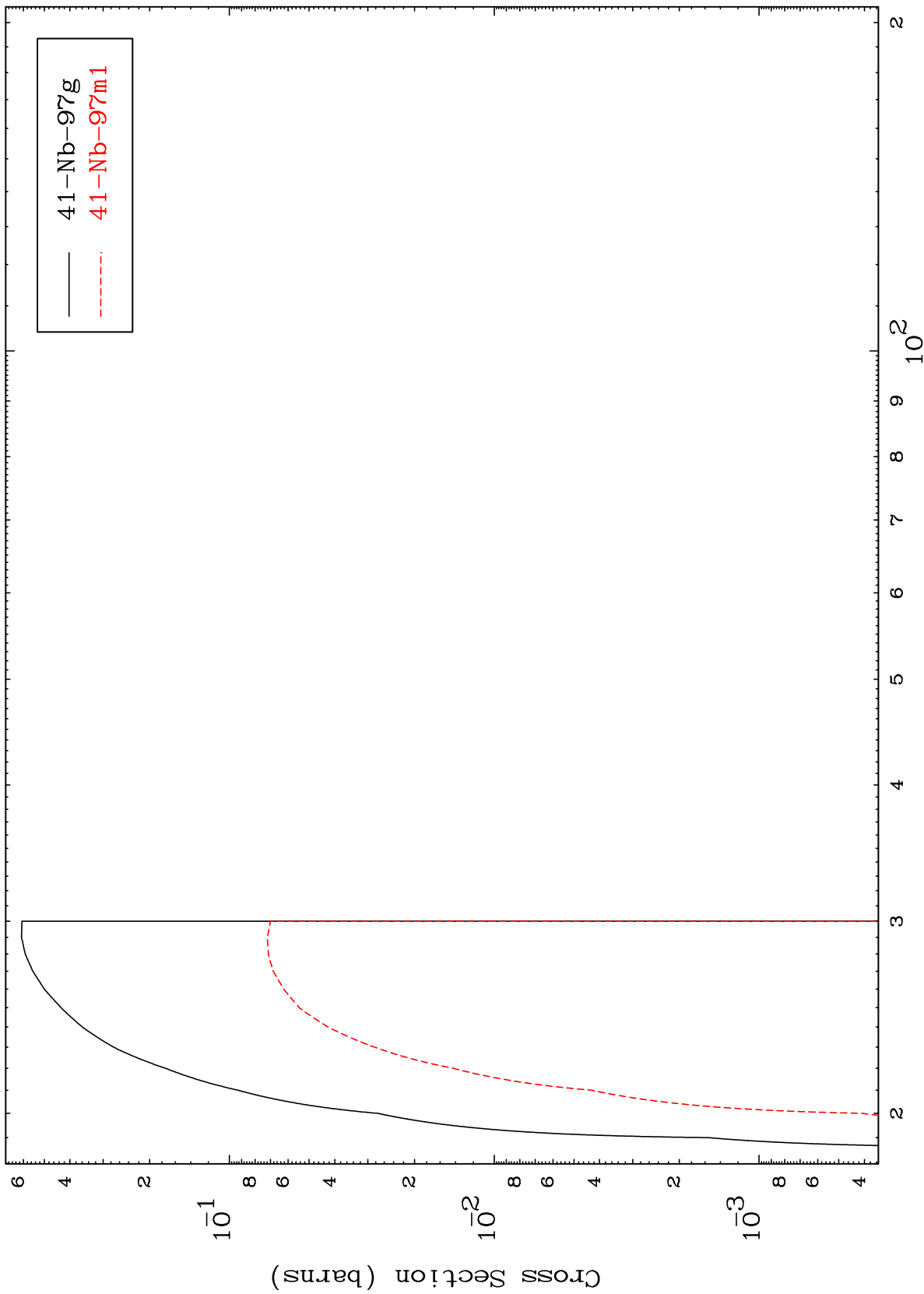
Incident Energy (MeV)

41-Nb-100

MAT 4146

41-Nb-100

(n,4n)
Radionuclide Production Cross Section



41-Nb-100

Incident Energy (MeV)

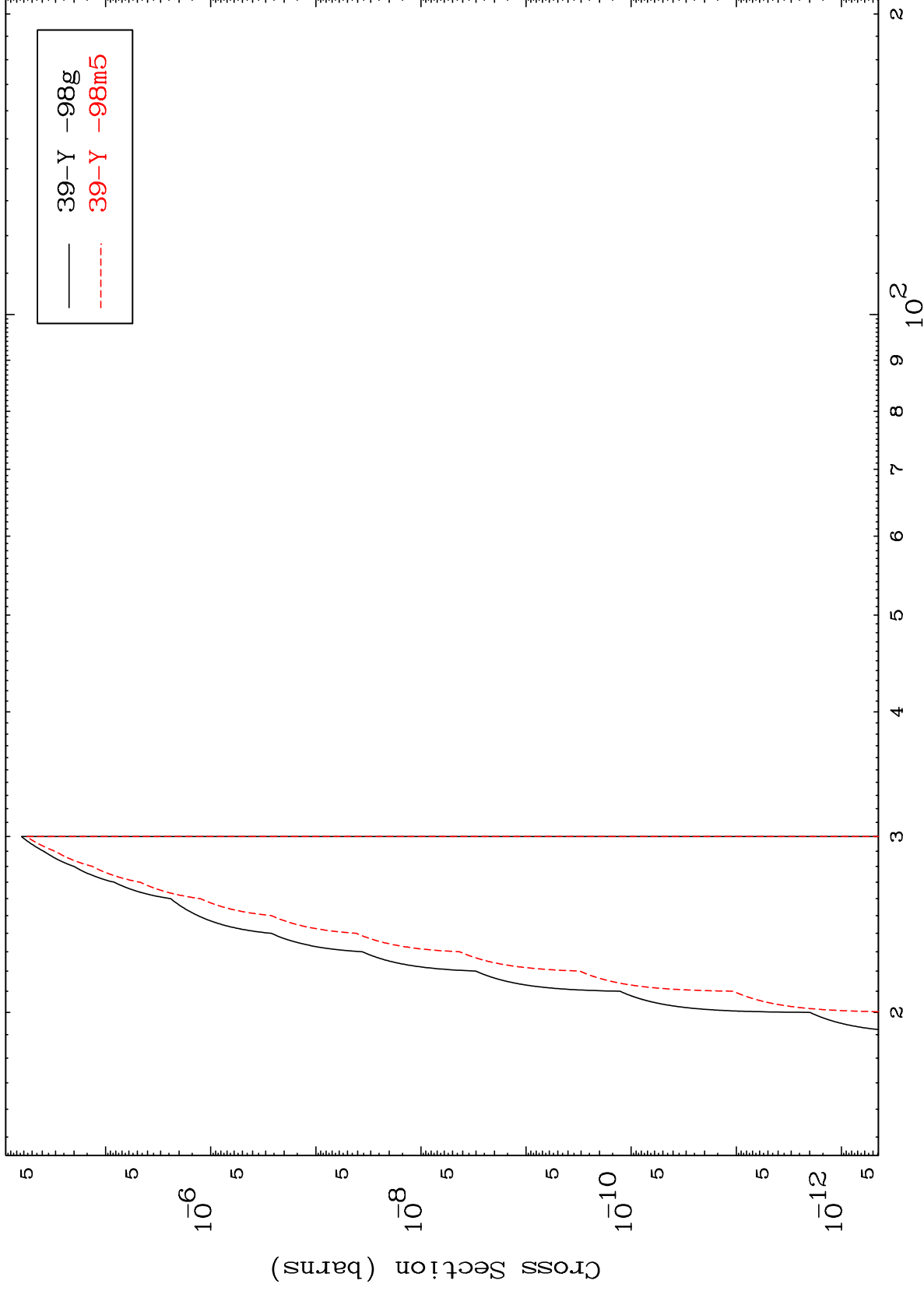
114

MAT 4146

(n,He-3)

41-Nb-100

Radionuclide Production Cross Section



115

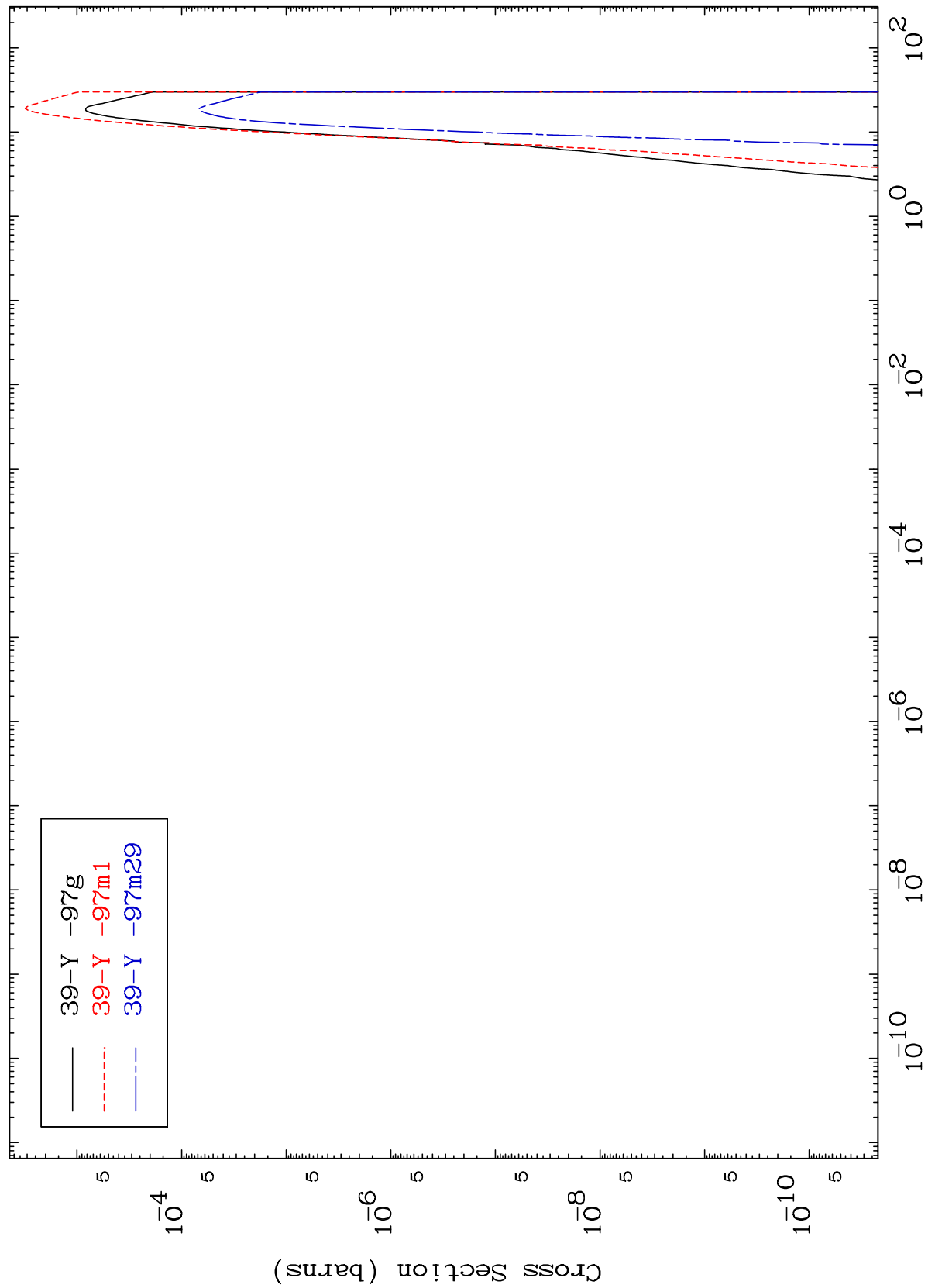
Incident Energy (MeV)

41-Nb-100

MAT 4146

41-Nb-100

Radionuclide Production Cross Section
(n, α)



116

41-Nb-100