

Program EVALPLOT  
(Version 2015-2)

by

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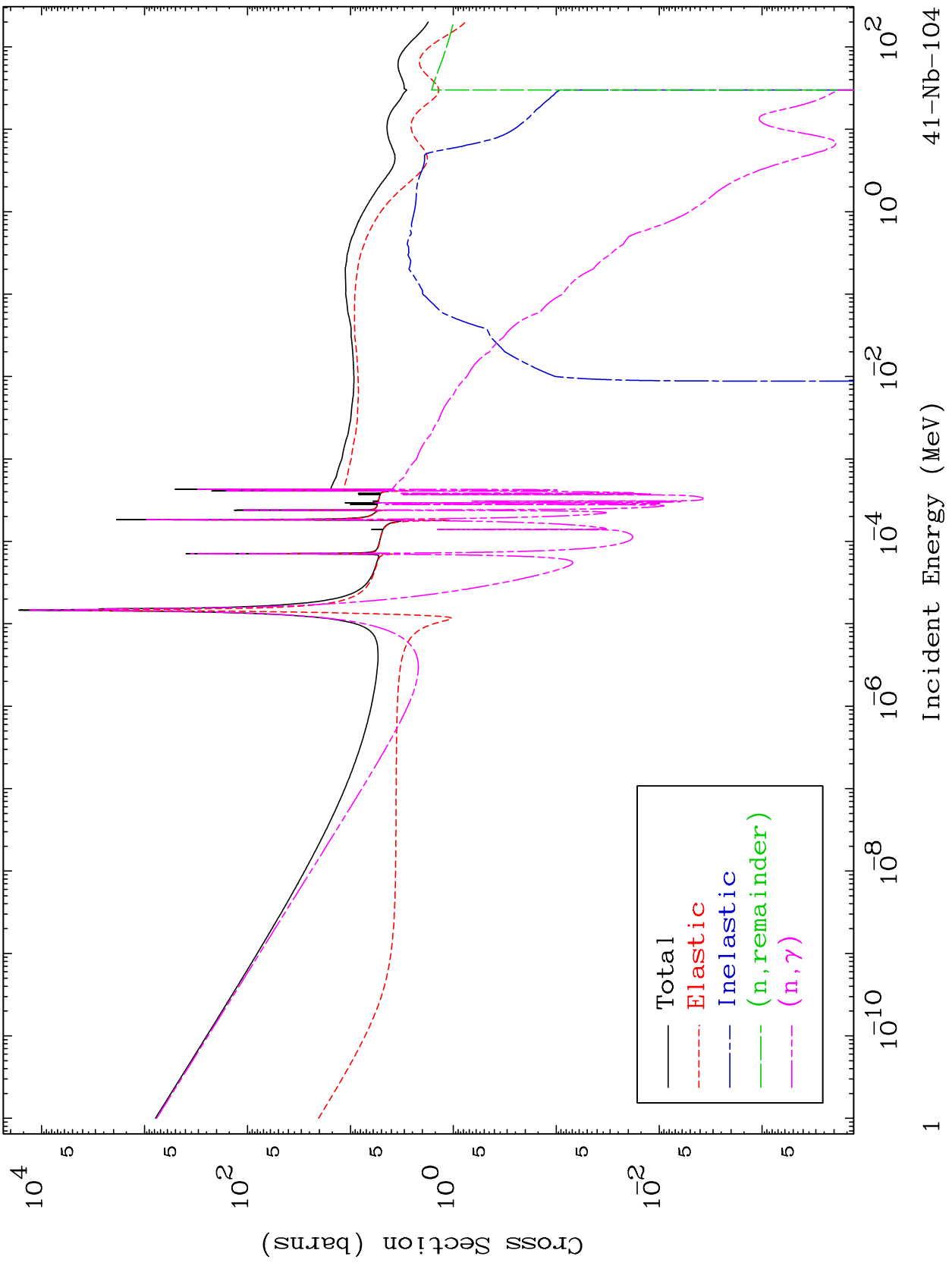
Press Mouse Button to Start

MAT 4158

Major

293 Kelvin Cross Sections

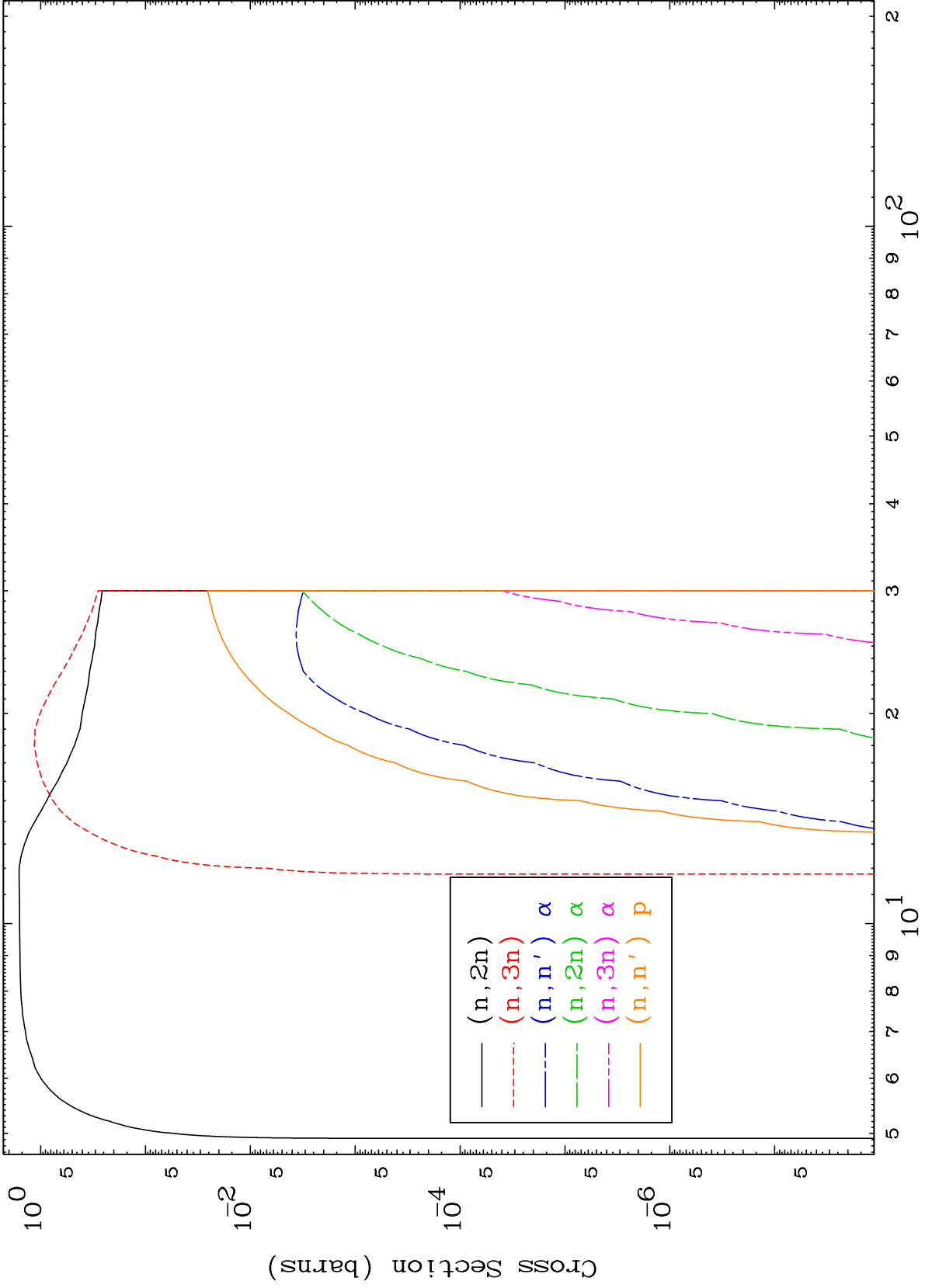
41-Nb-104



MAT 4158

Neutron Production  
293 Kelvin Cross Sections

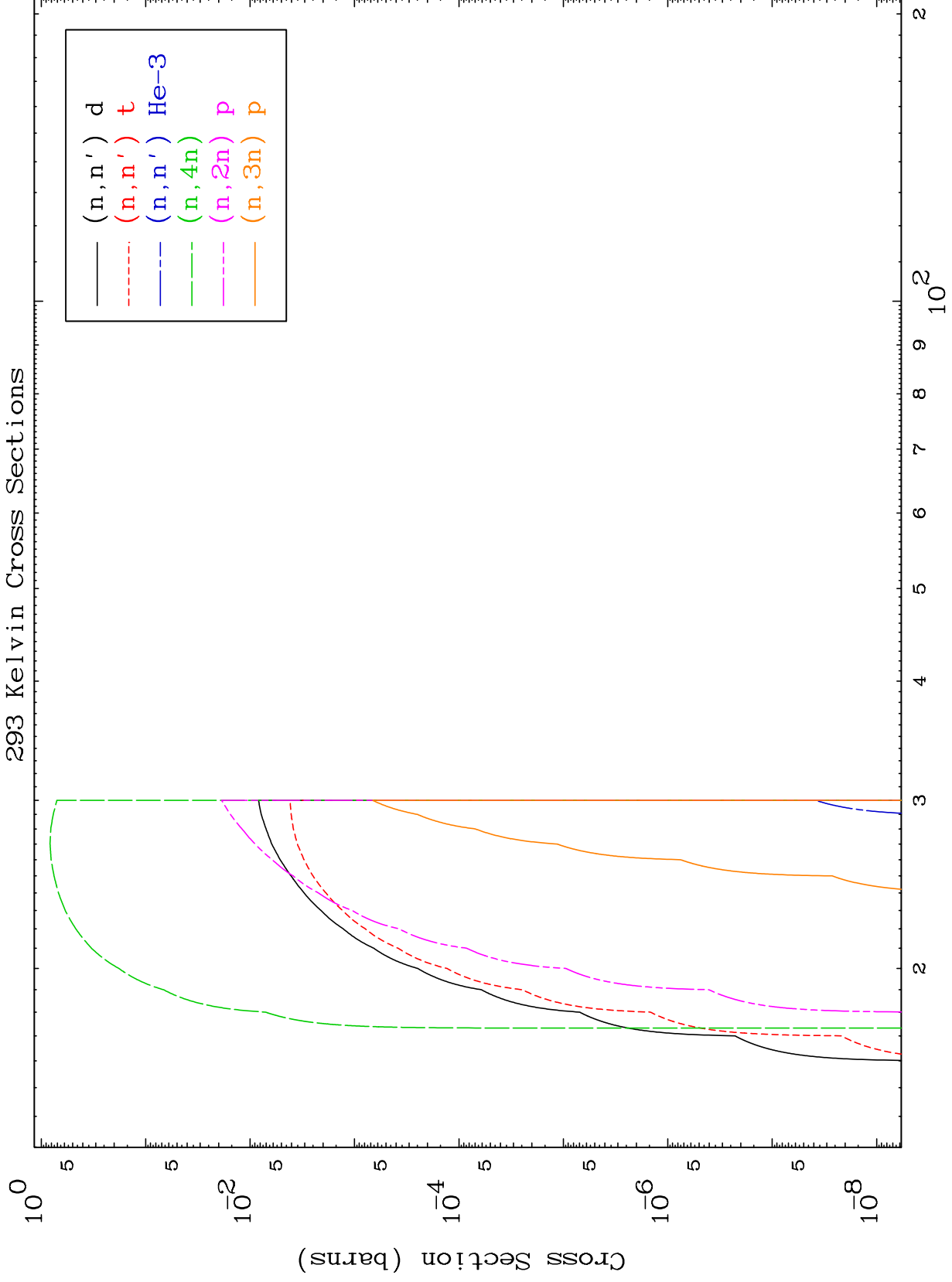
41-Nb-104

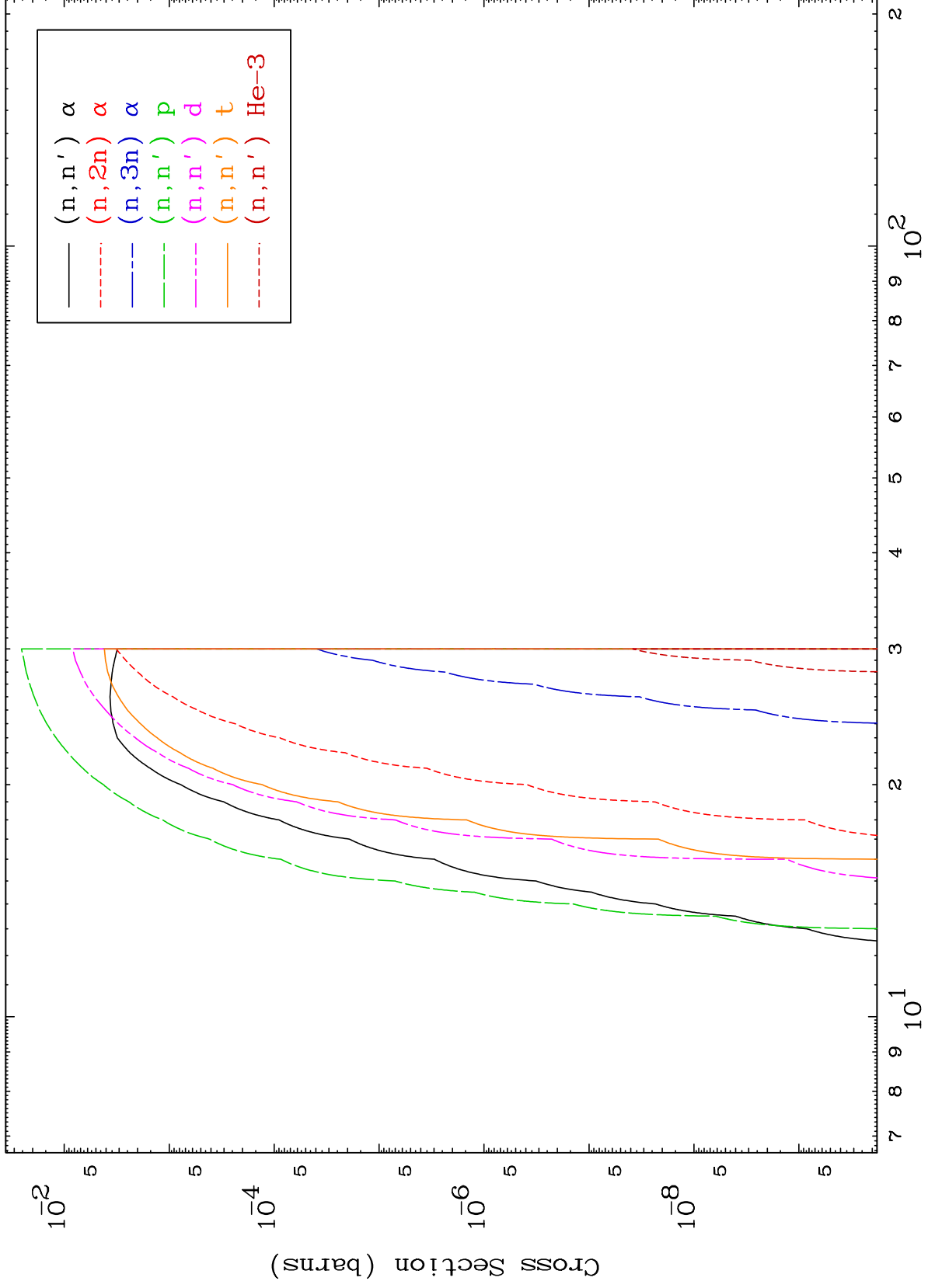


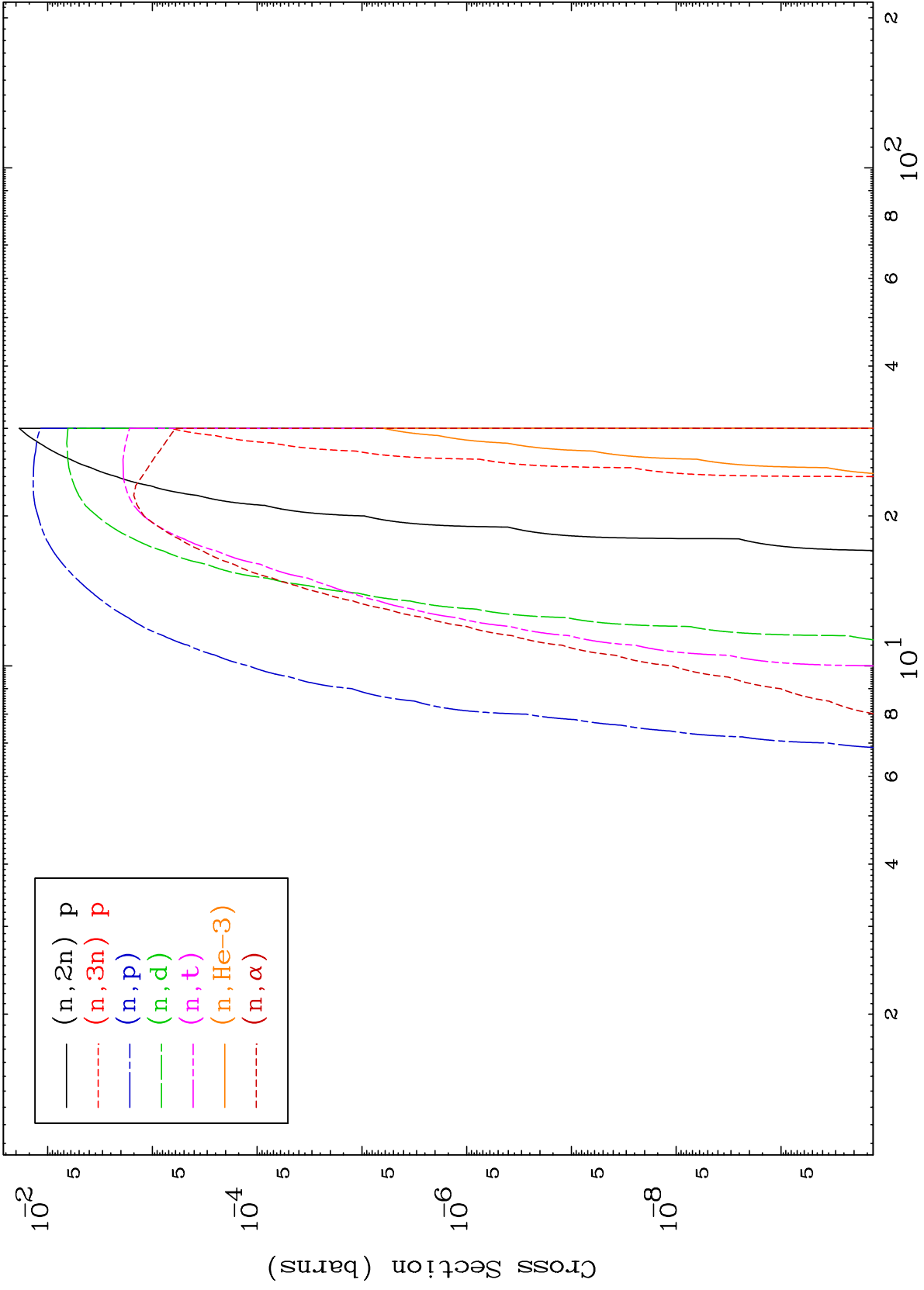
2

Incident Energy (MeV)

41-Nb-104



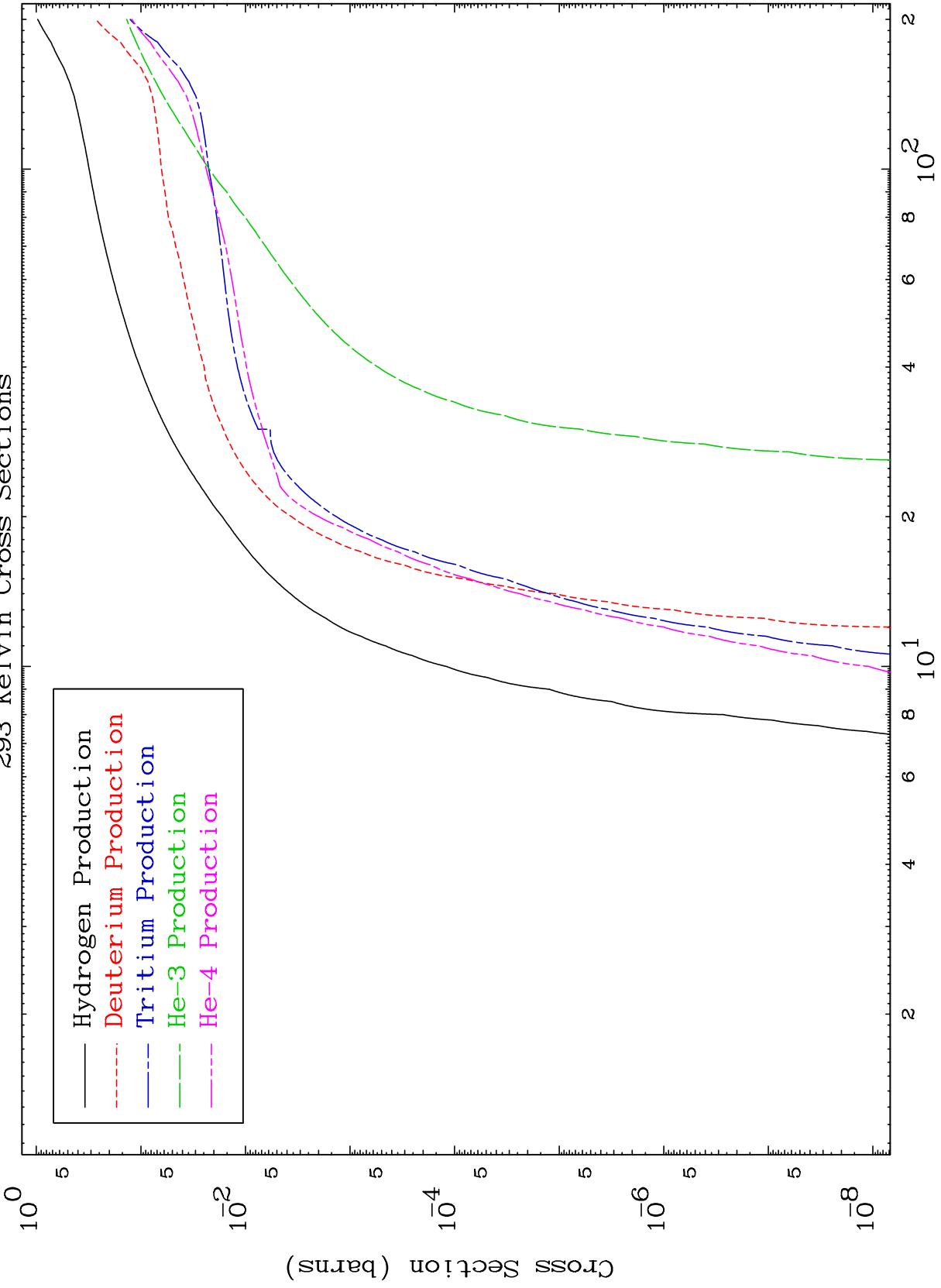




MAT 4158

Particle Production  
293 Kelvin Cross Sections

41-Nb-104



6

Incident Energy (MeV)

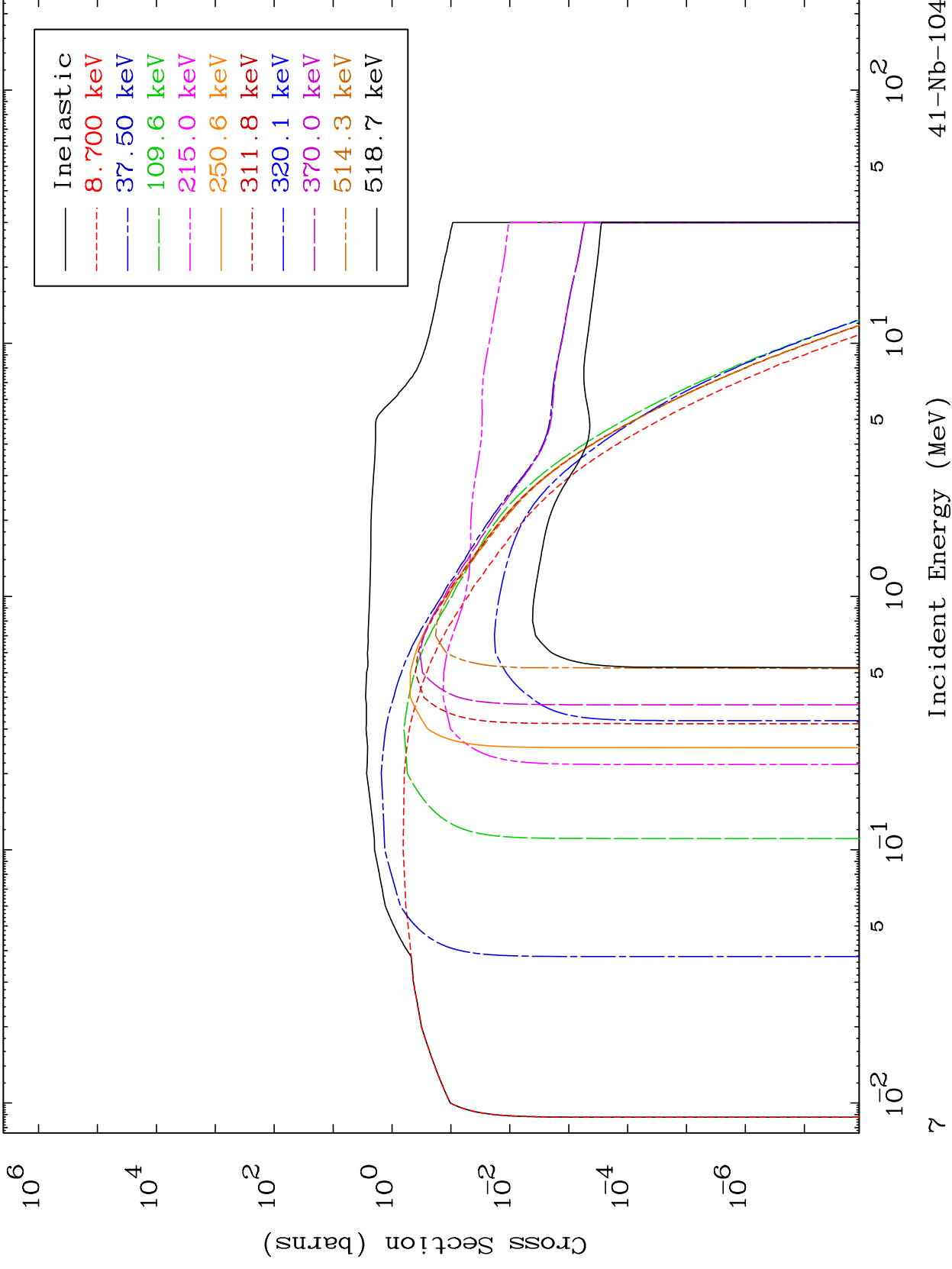
41-Nb-104

MAT 4158

(n,n') Level

41-Nb-104

293 Kelvin Cross Sections



41-Nb-104

Incident Energy (MeV)

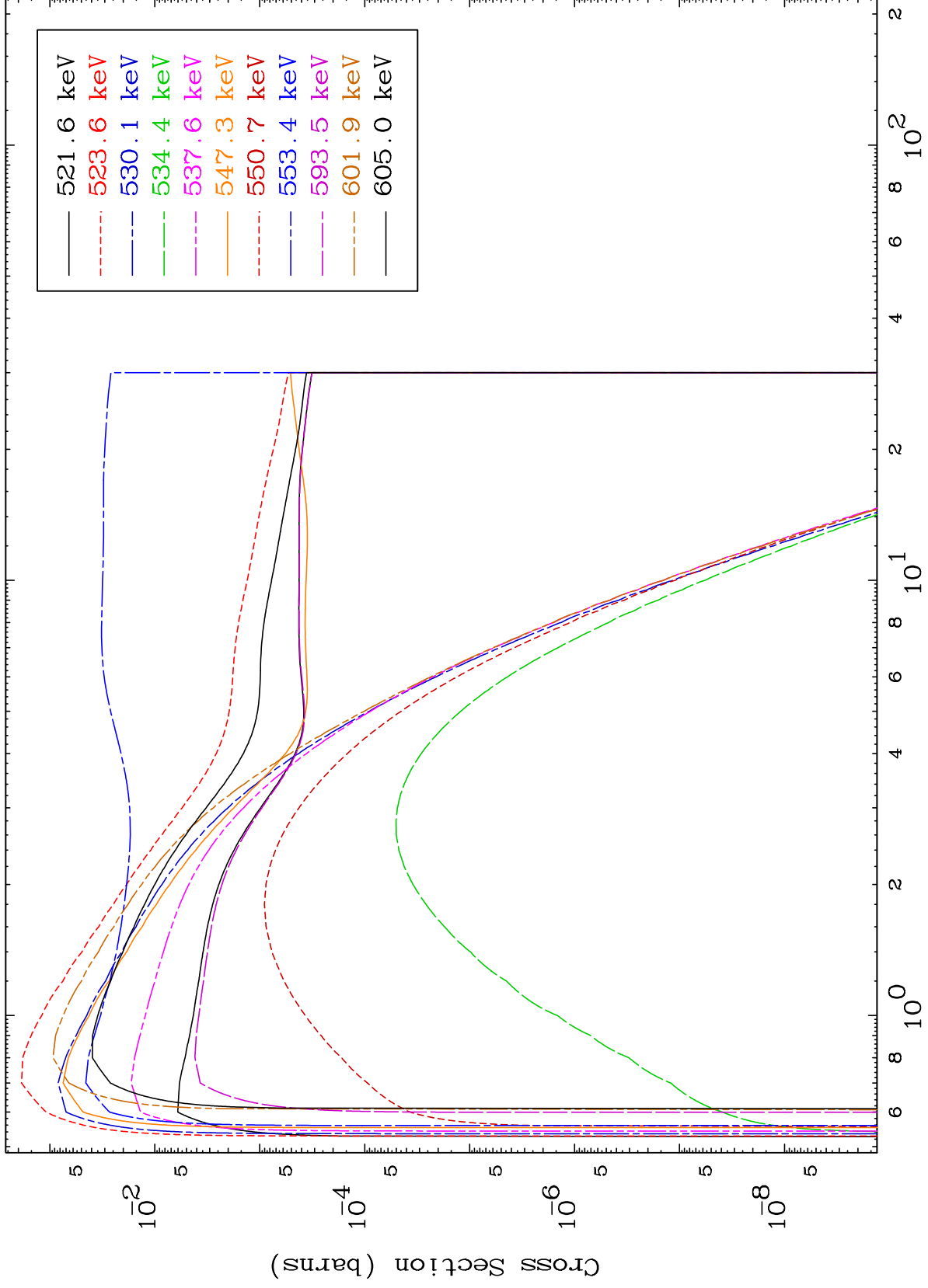
7



MAT 4158

(n,n') Level  
293 Kelvin Cross Sections

41-Nb-104



8

Incident Energy (MeV)

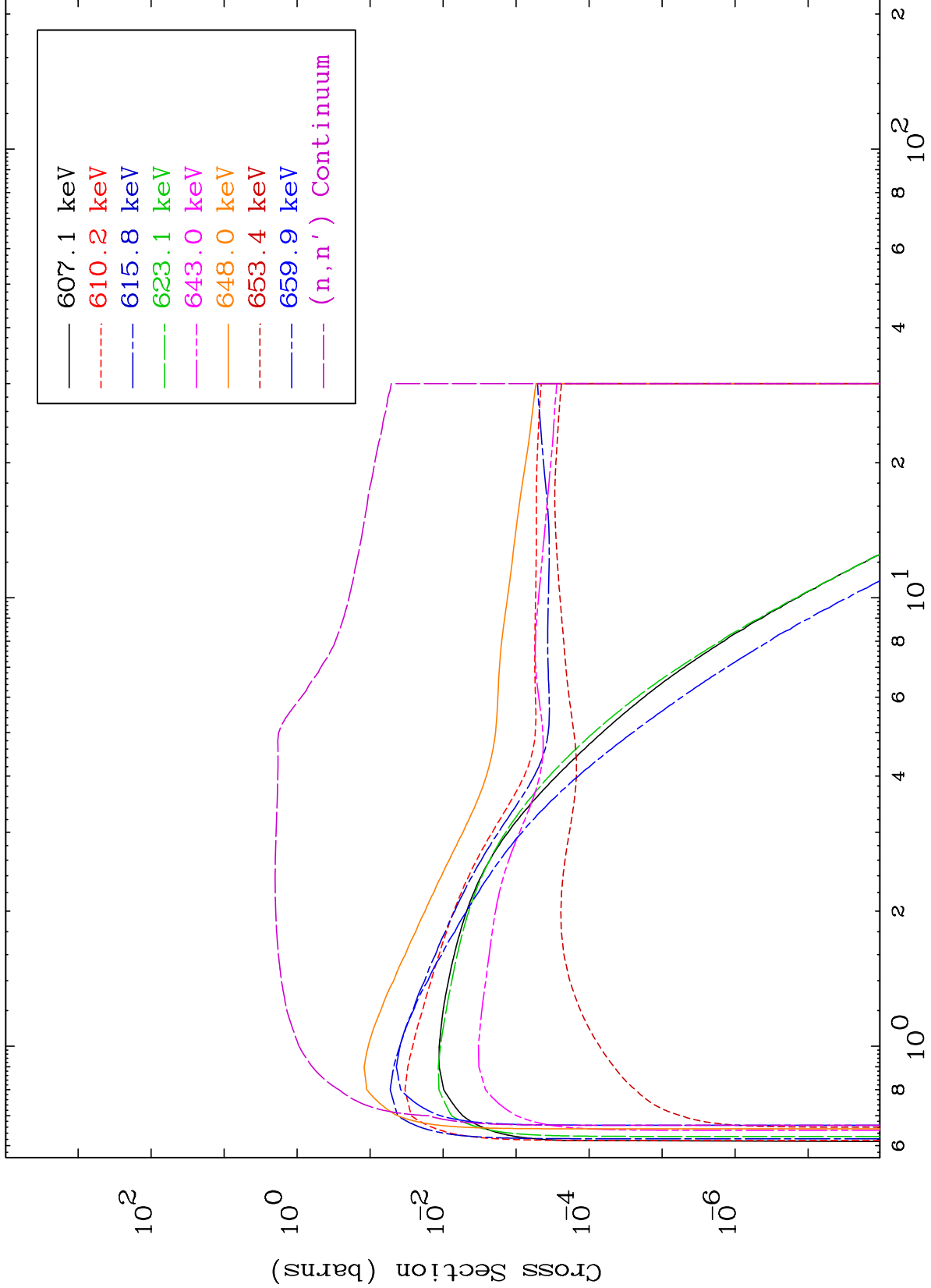
41-Nb-104

MAT 4158

(n,n') Level

41-Nb-104

293 Kelvin Cross Sections



9

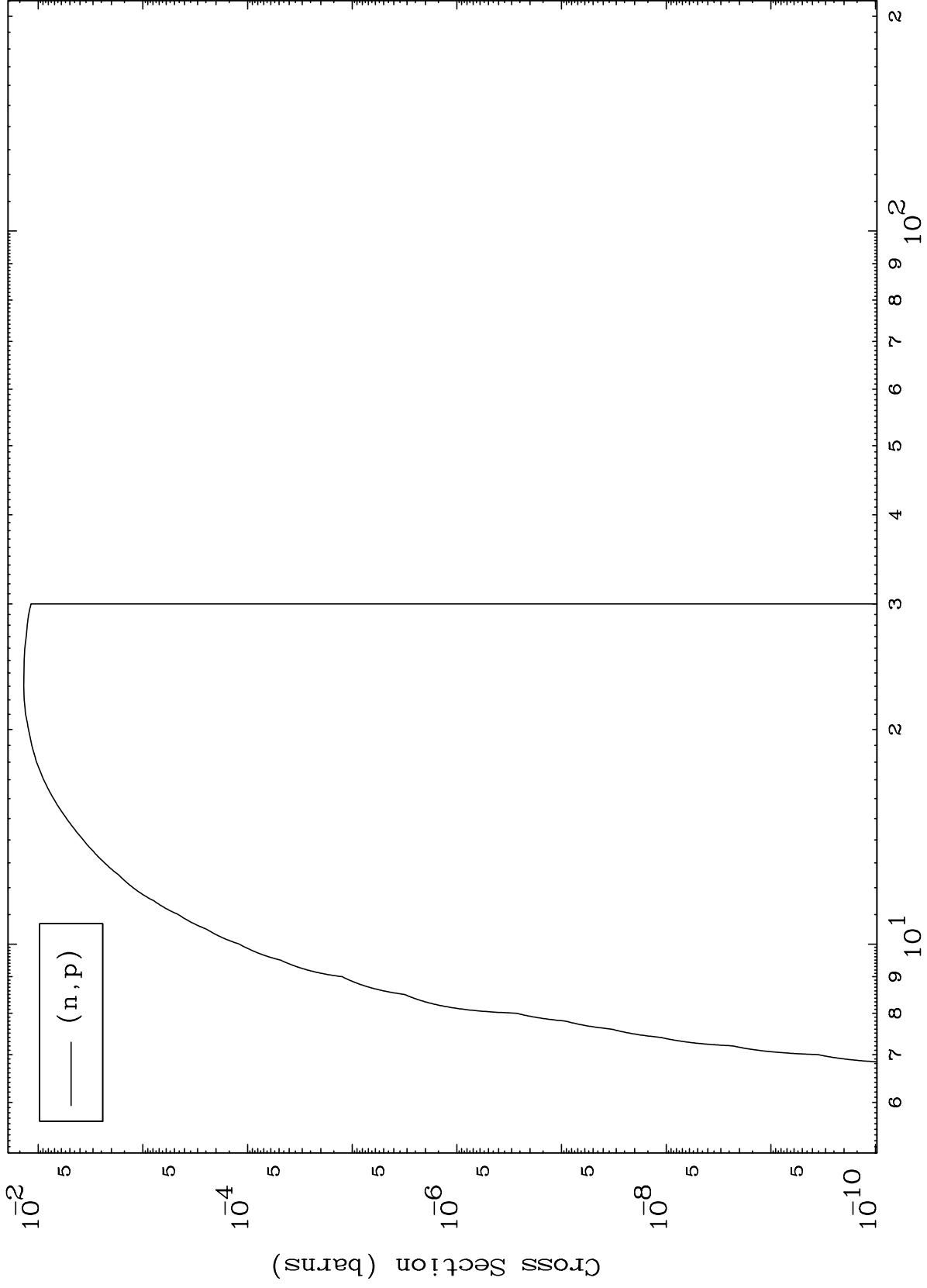
Incident Energy (MeV)

41-Nb-104

MAT 4158

(n,p) Levels  
293 Kelvin Cross Sections

41-Nb-104



10

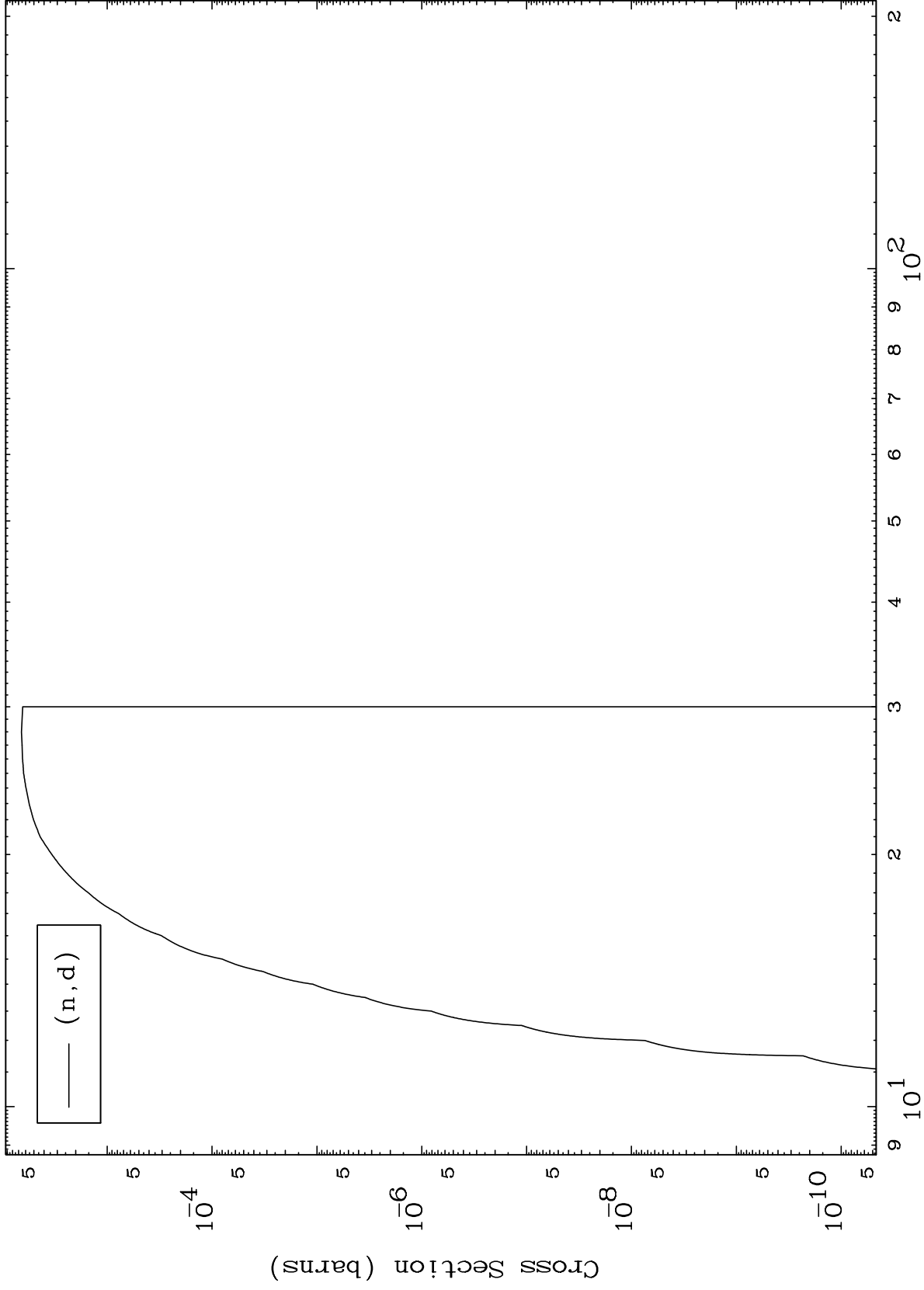
Incident Energy (MeV)

41-Nb-104

MAT 4158

(n,d) Levels  
293 Kelvin Cross Sections

41-Nb-104



11

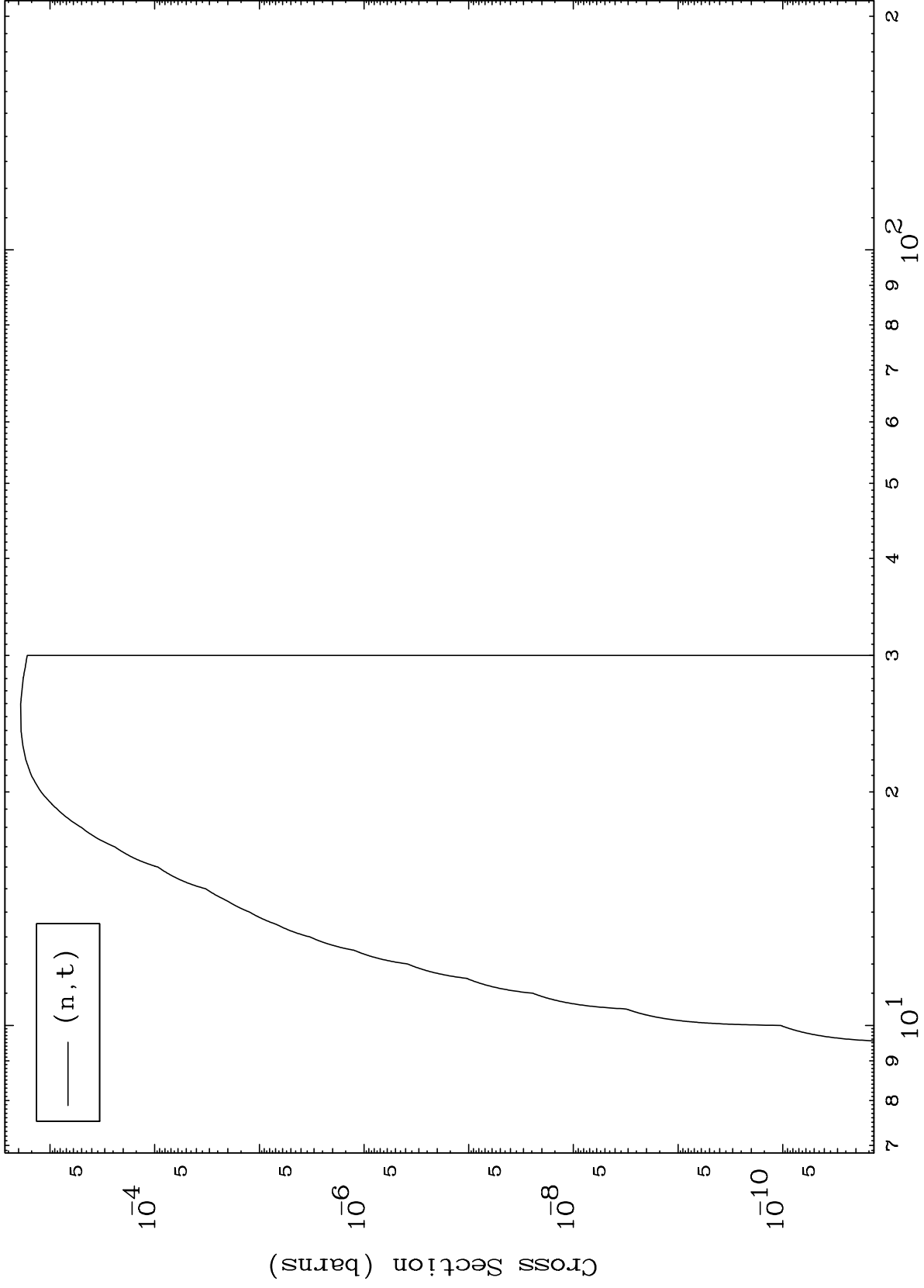
Incident Energy (MeV)

41-Nb-104

MAT 4158

(n,t) Levels  
293 Kelvin Cross Sections

41-Nb-104



12

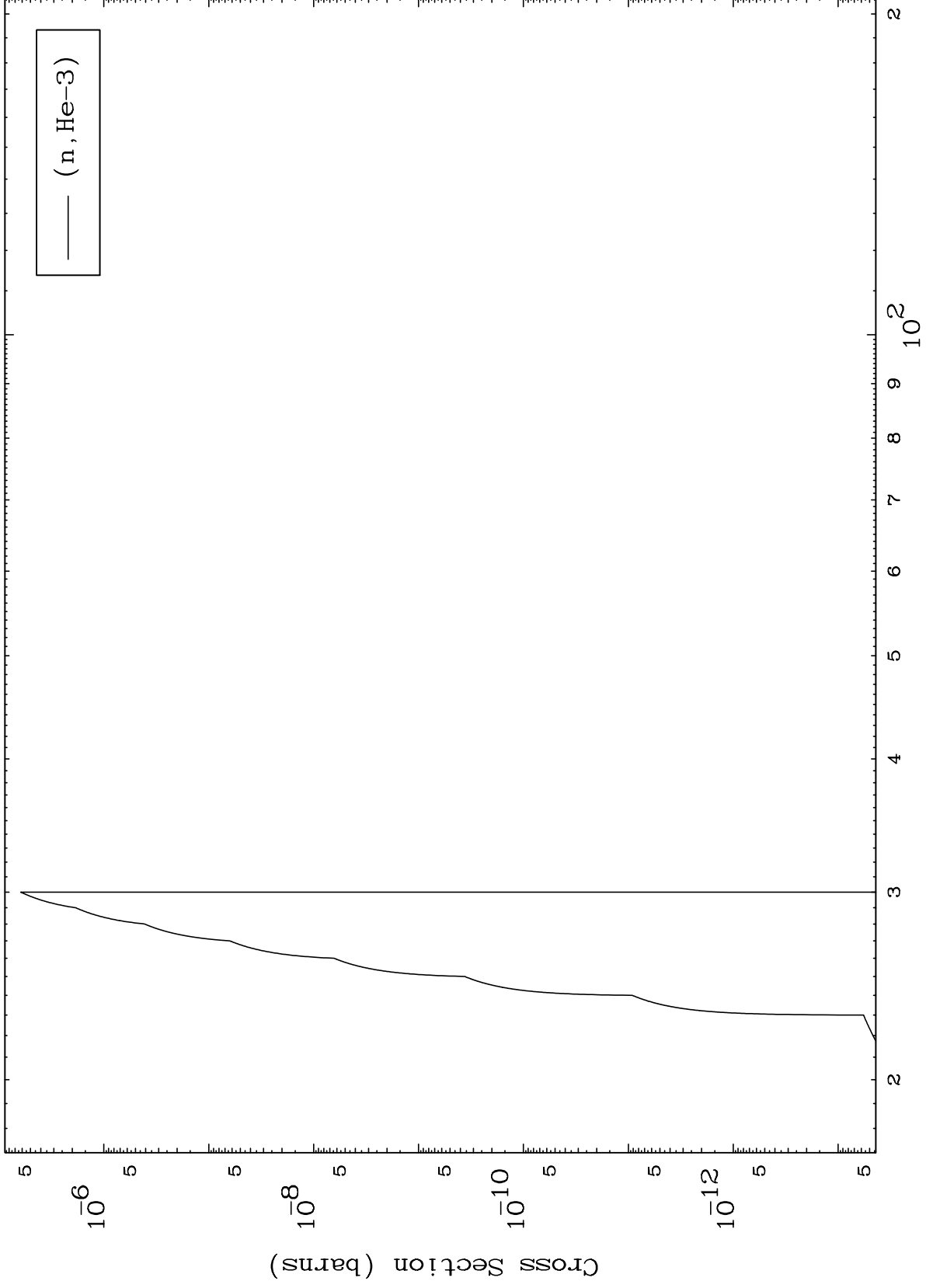
Incident Energy (MeV)

41-Nb-104

MAT 4158

(n,He3) Levels  
293 Kelvin Cross Sections

41-Nb-104



13

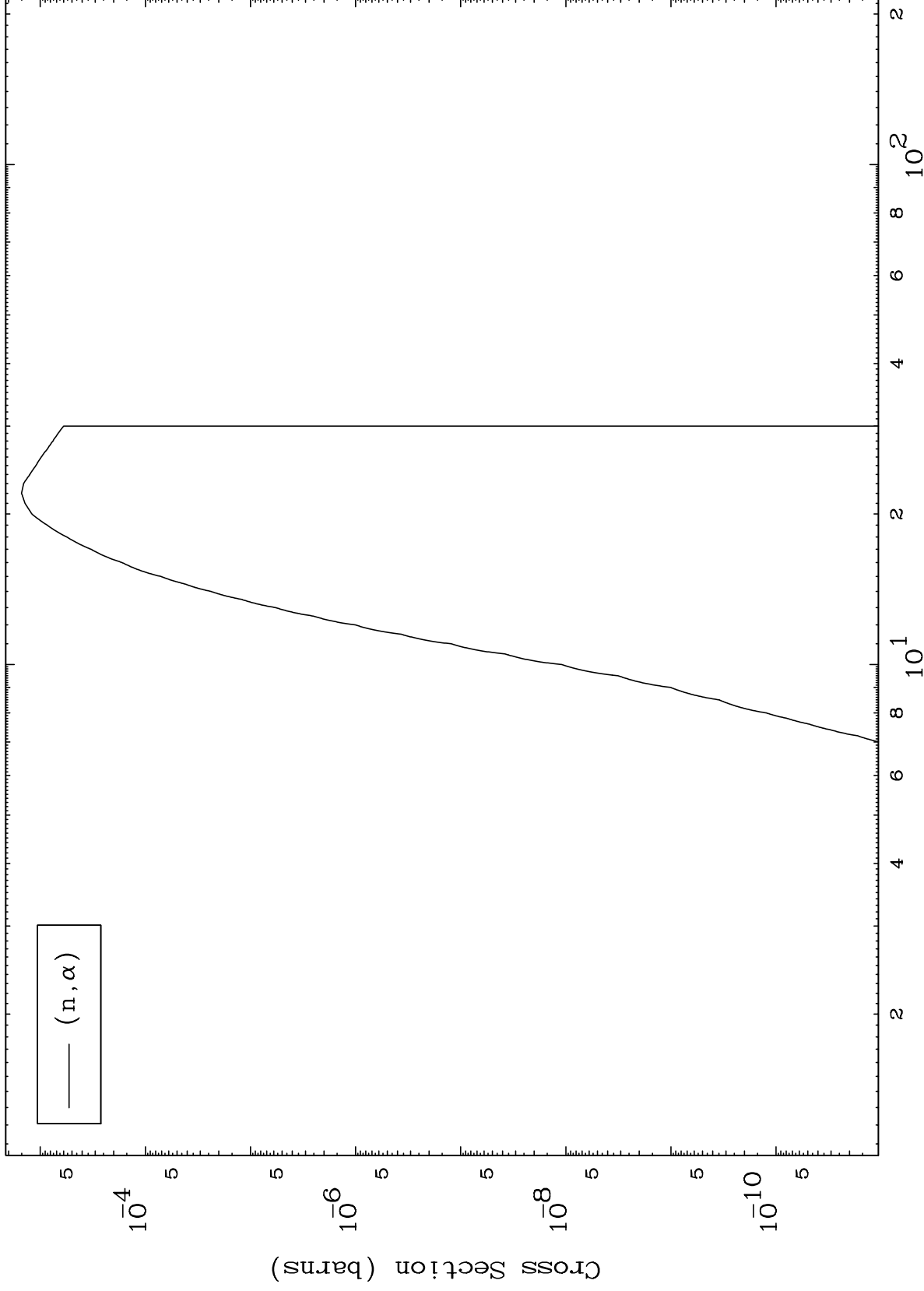
Incident Energy (MeV)

41-Nb-104

MAT 4158

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

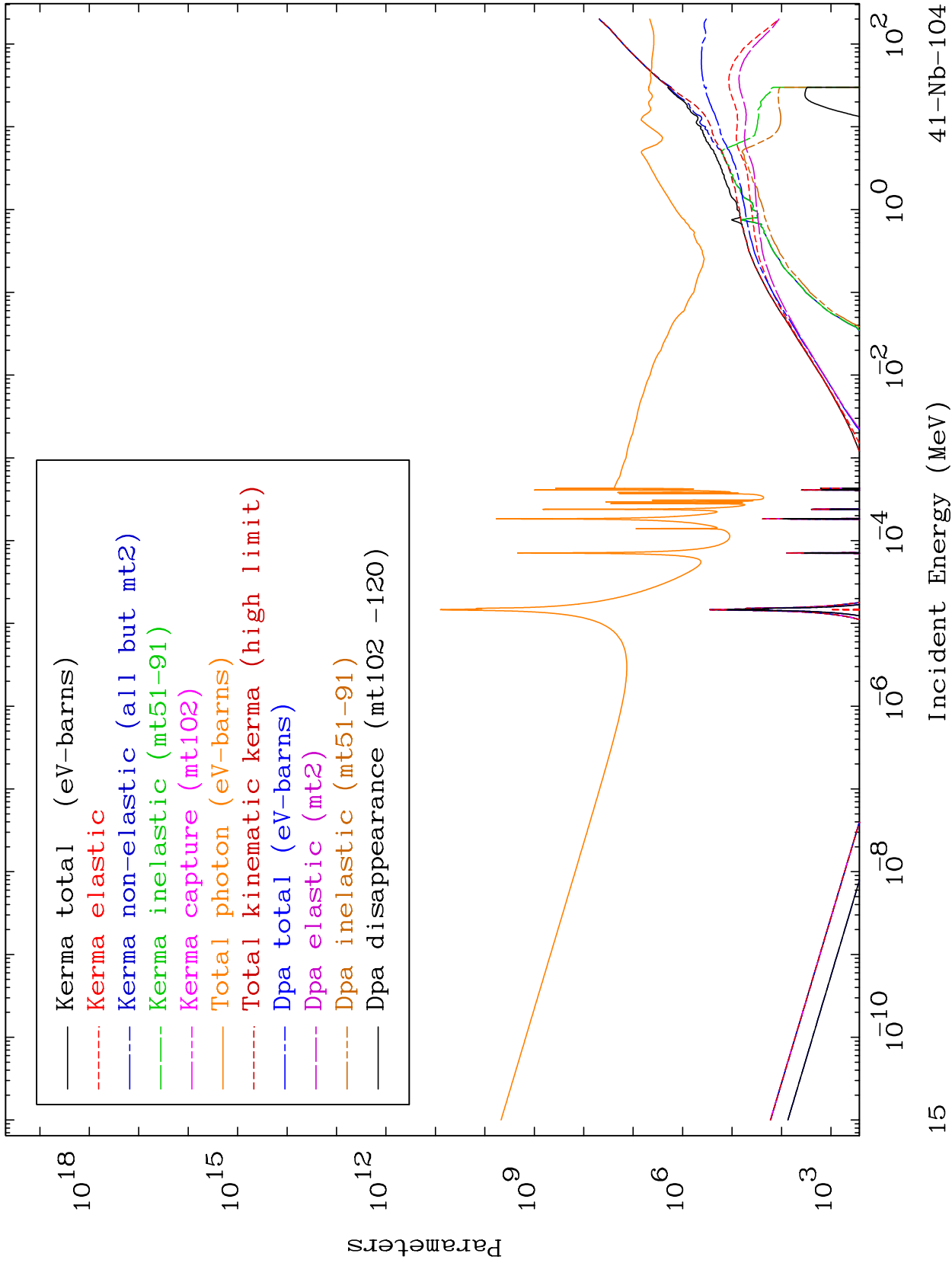
41-Nb-104



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Incident Energy (MeV)

41-Nb-104

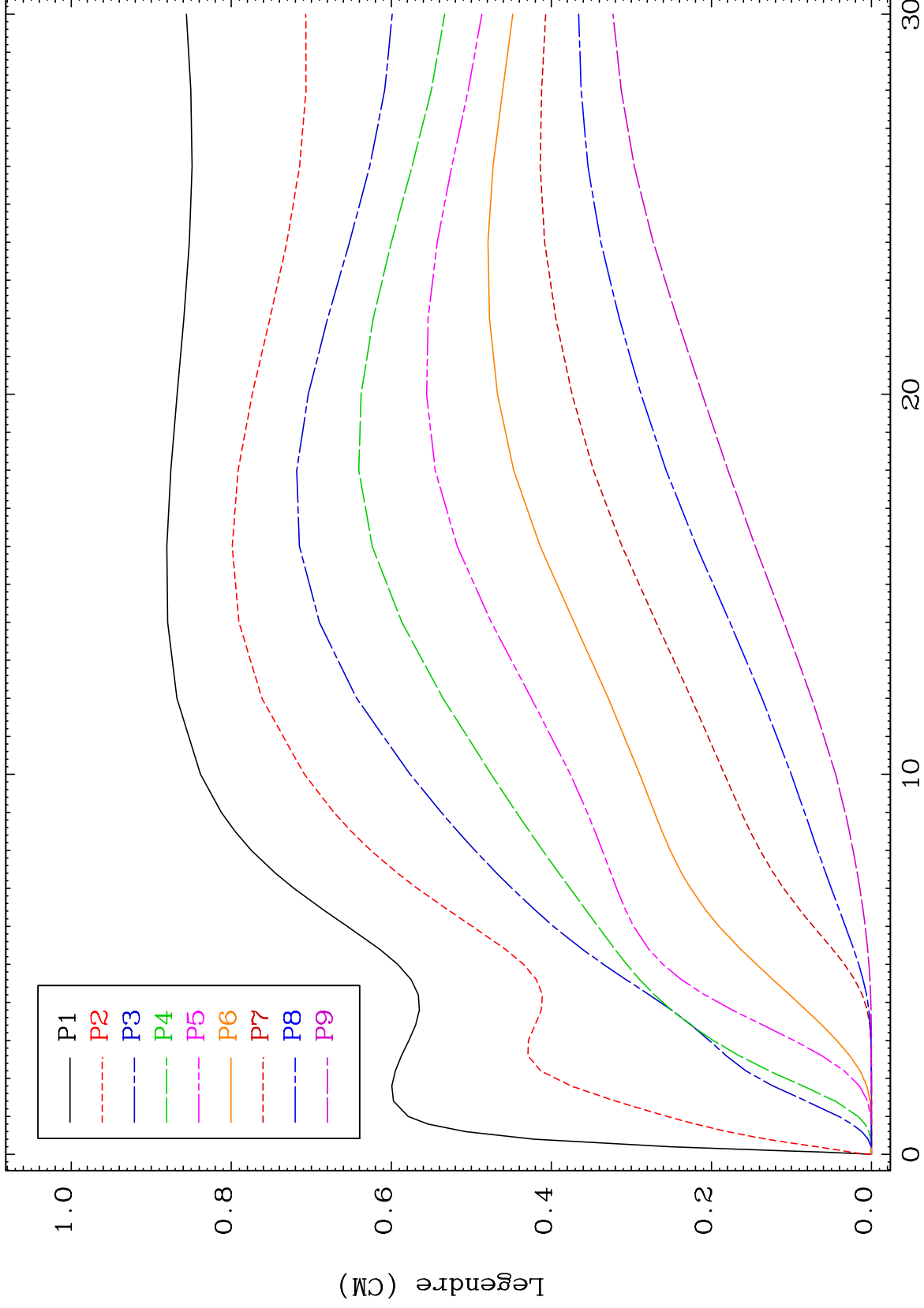




MAT 4158

Elastic Legendre Coefficients

41-Nb-104

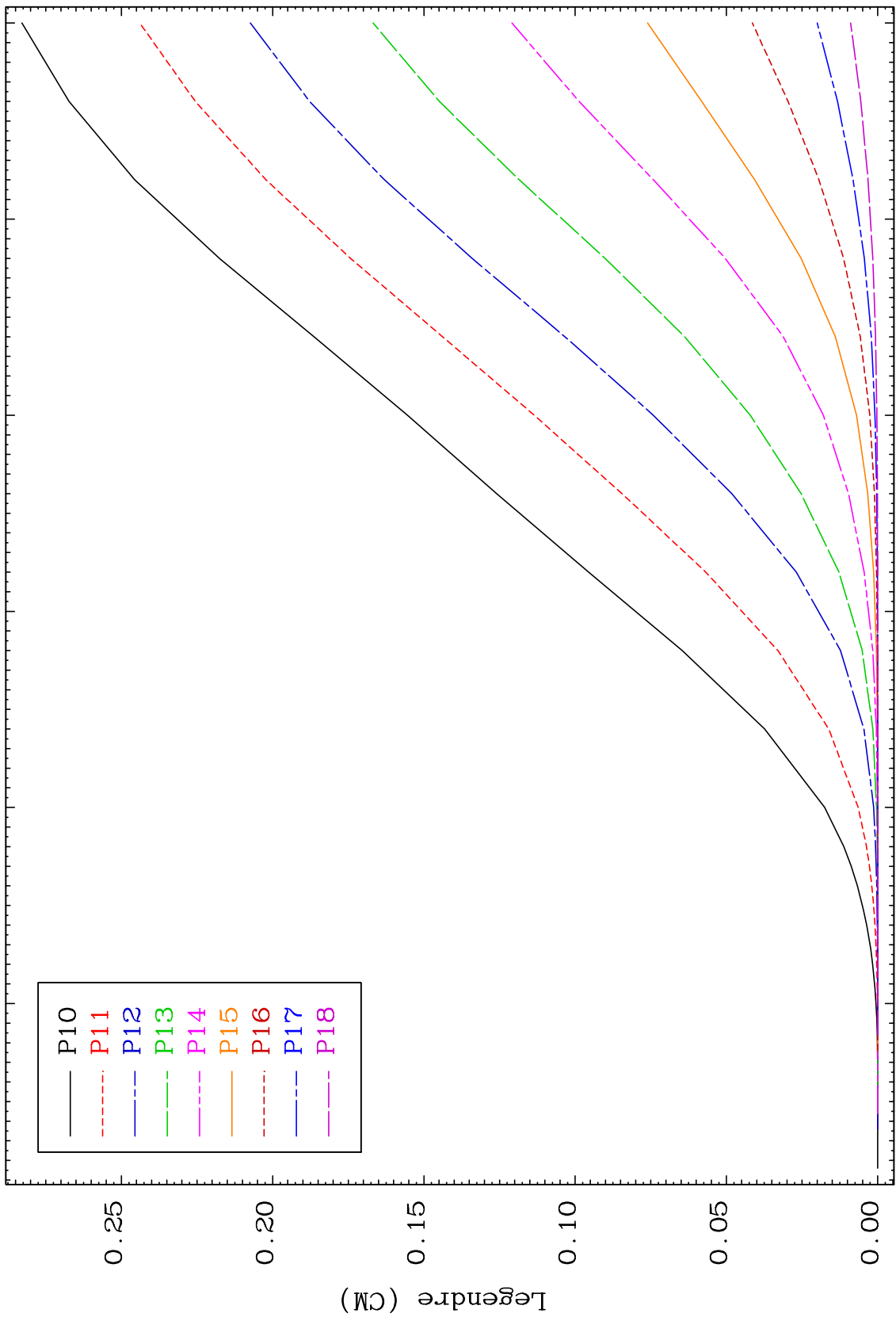


16

Incident Energy (MeV)

41-Nb-104

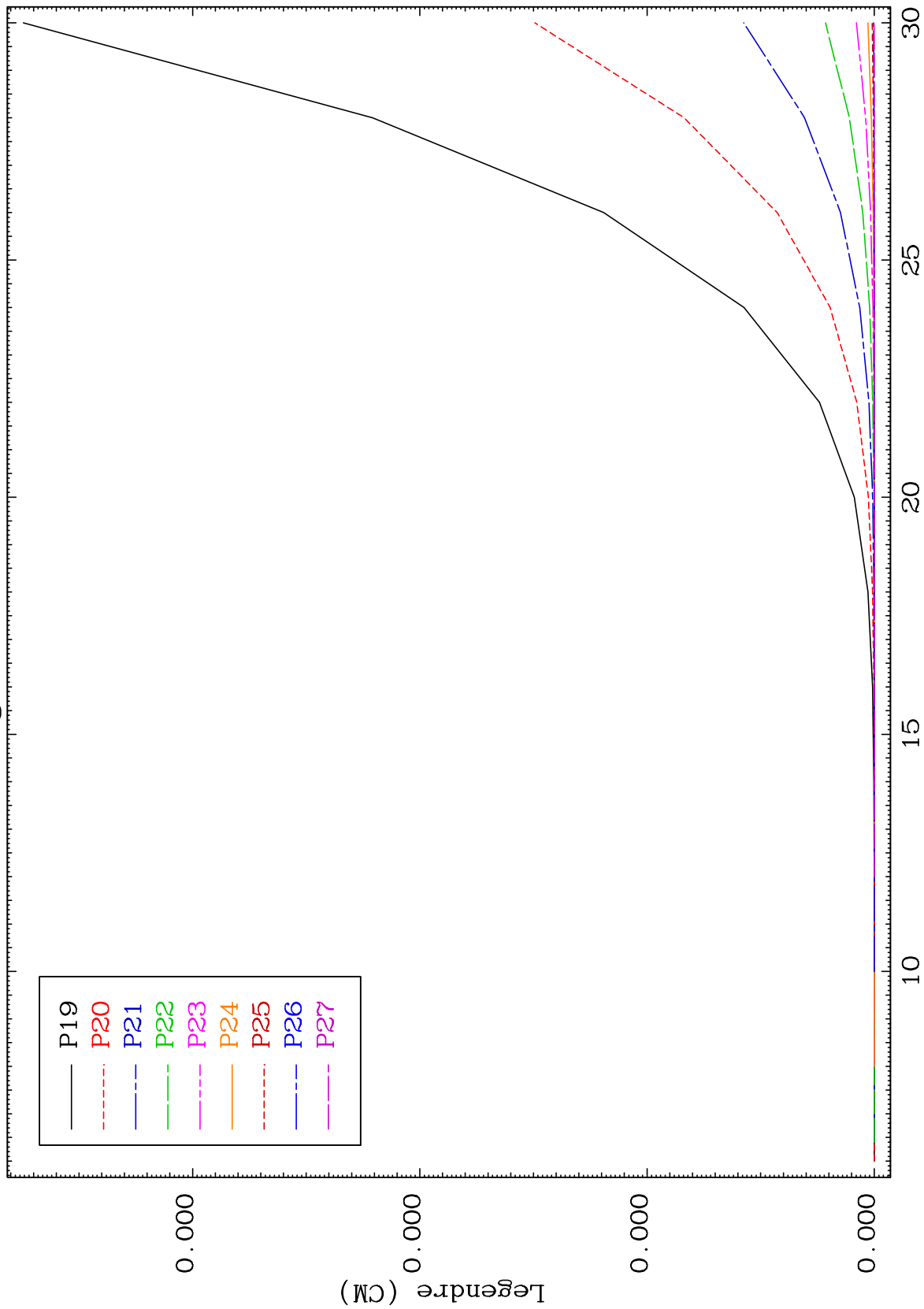
Elastic Legendre Coefficients



MAT 4158

### Elastic Legendre Coefficients

41-Nb-104



18

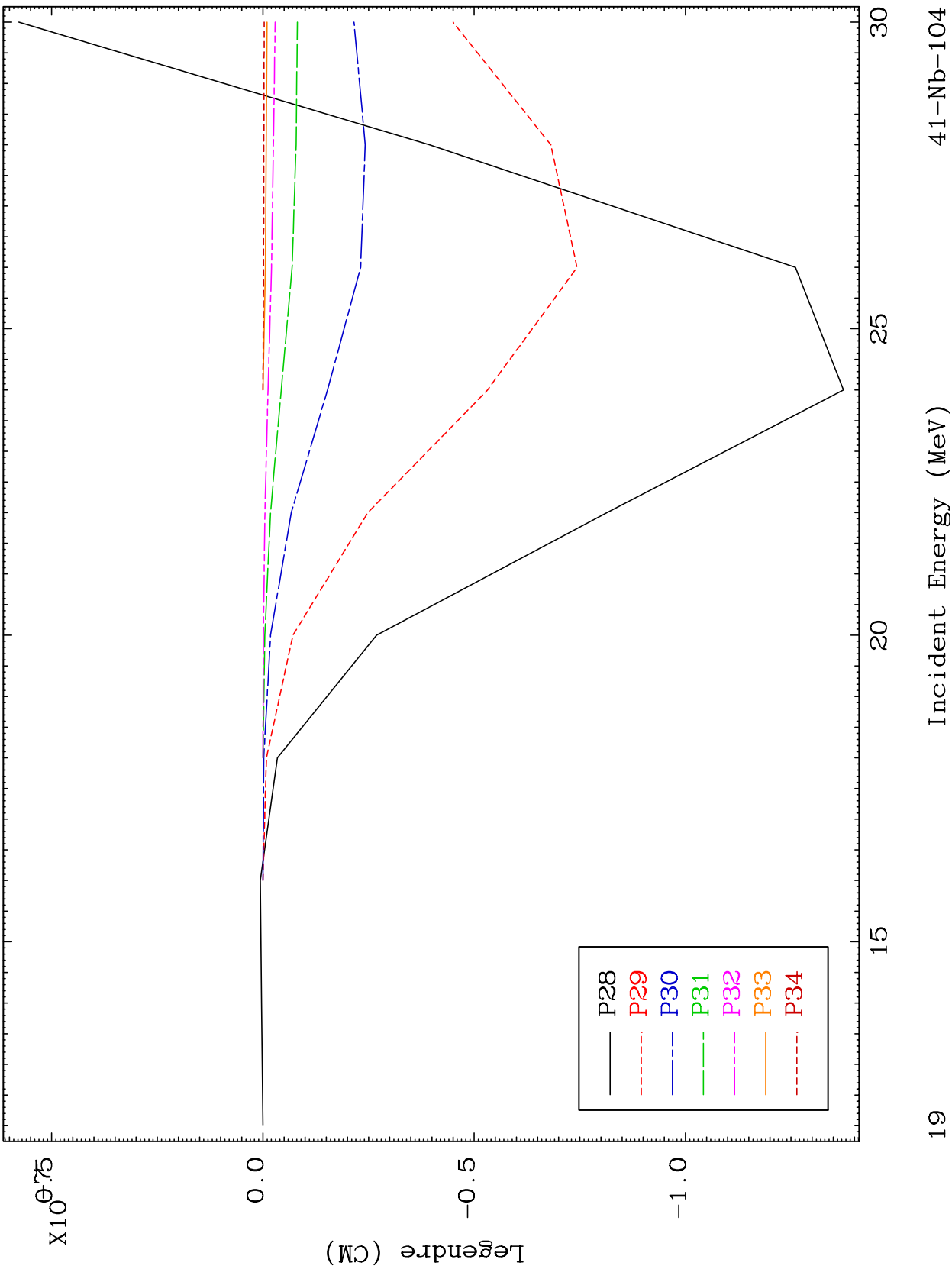
Incident Energy (MeV)

41-Nb-104

MAT 4158

Elastic Legendre Coefficients

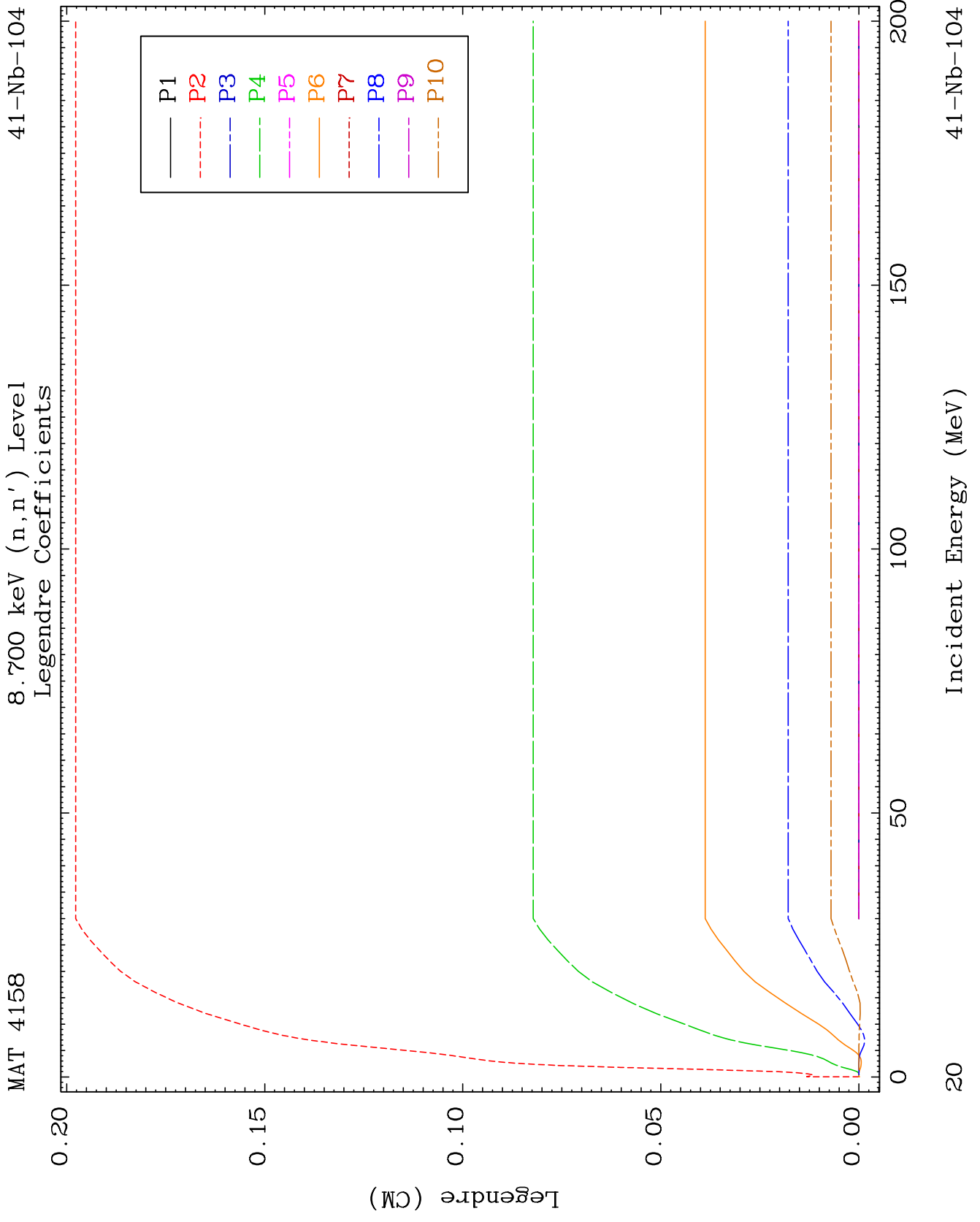
41-Nb-104



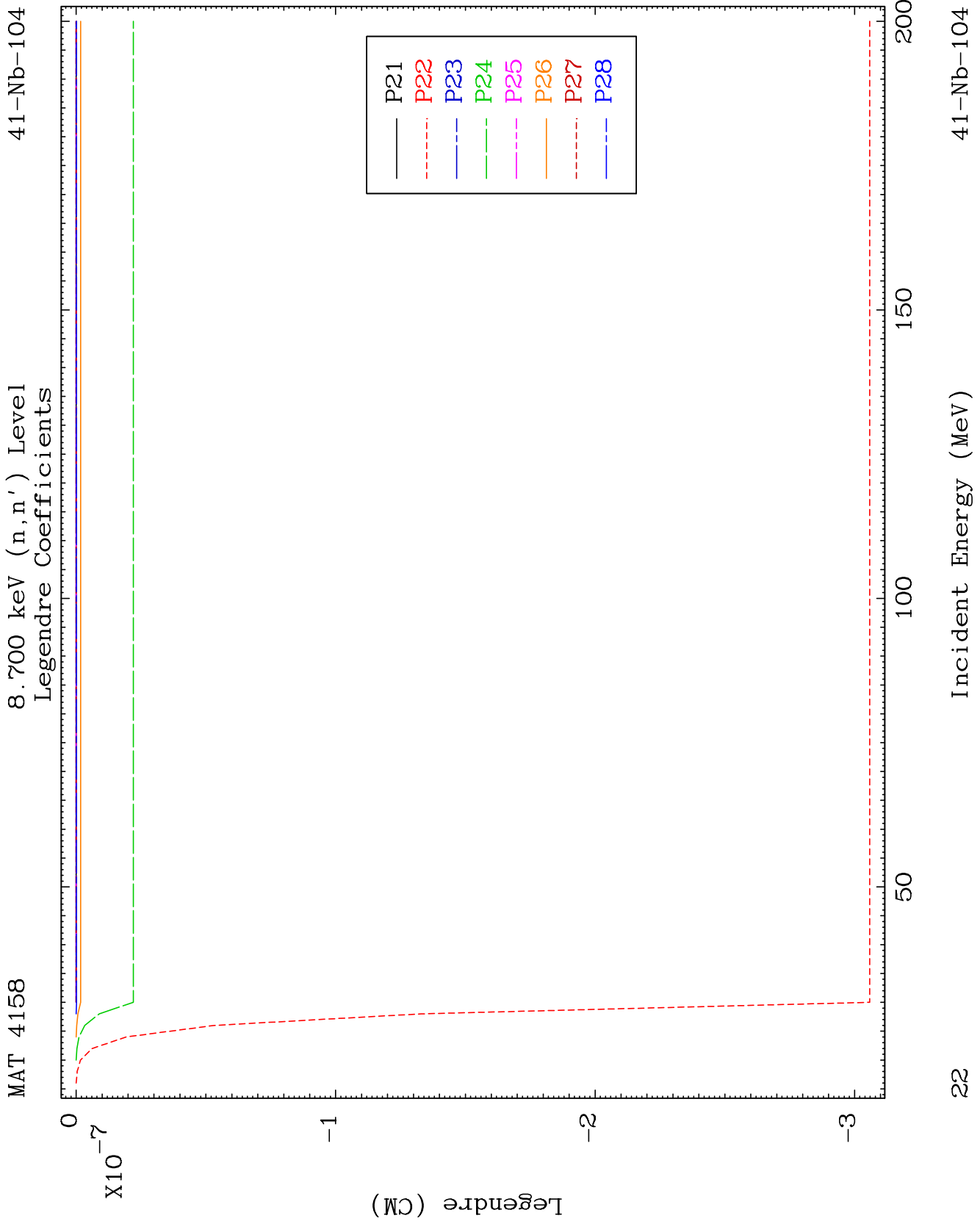
19

Incident Energy (MeV)

41-Nb-104

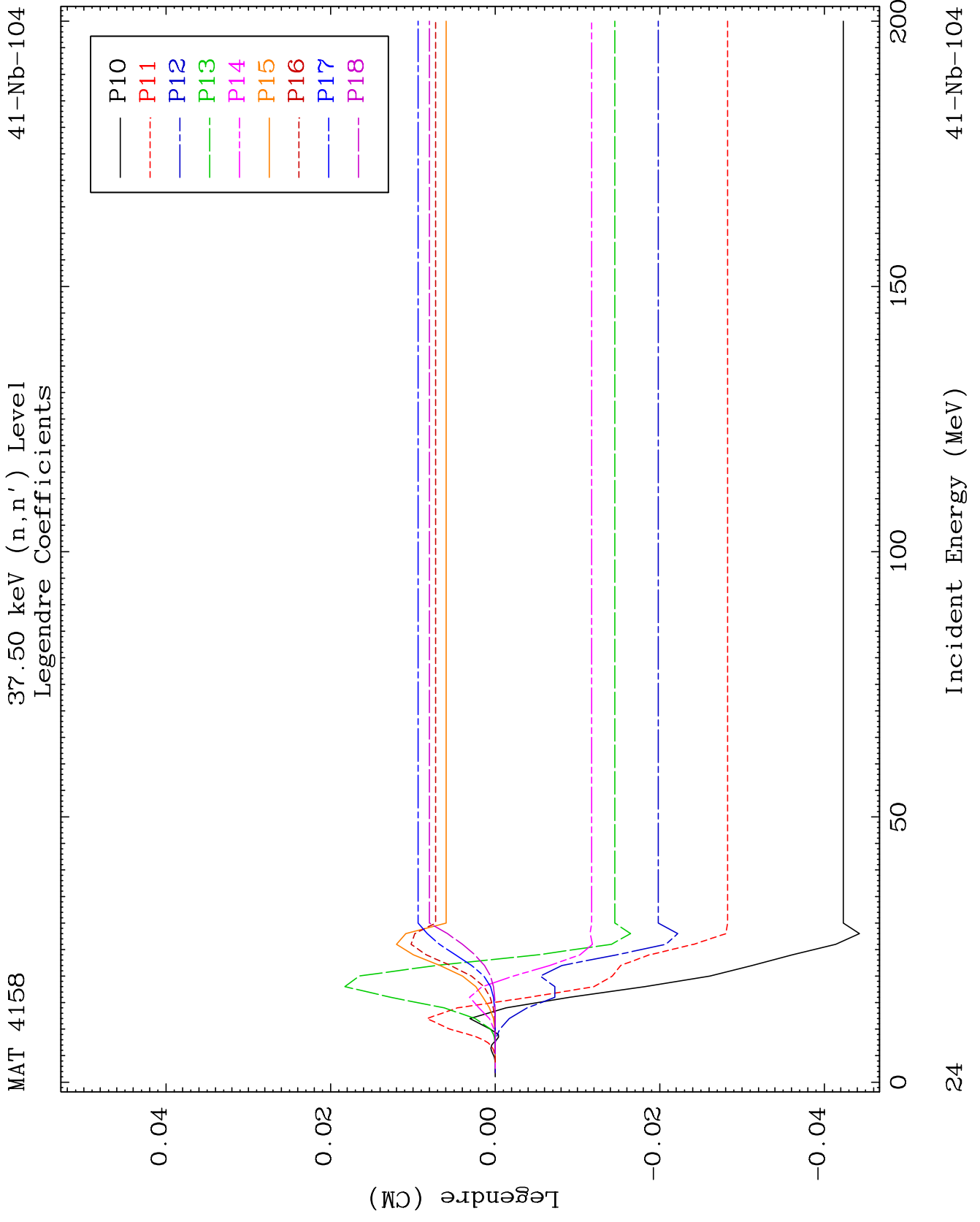


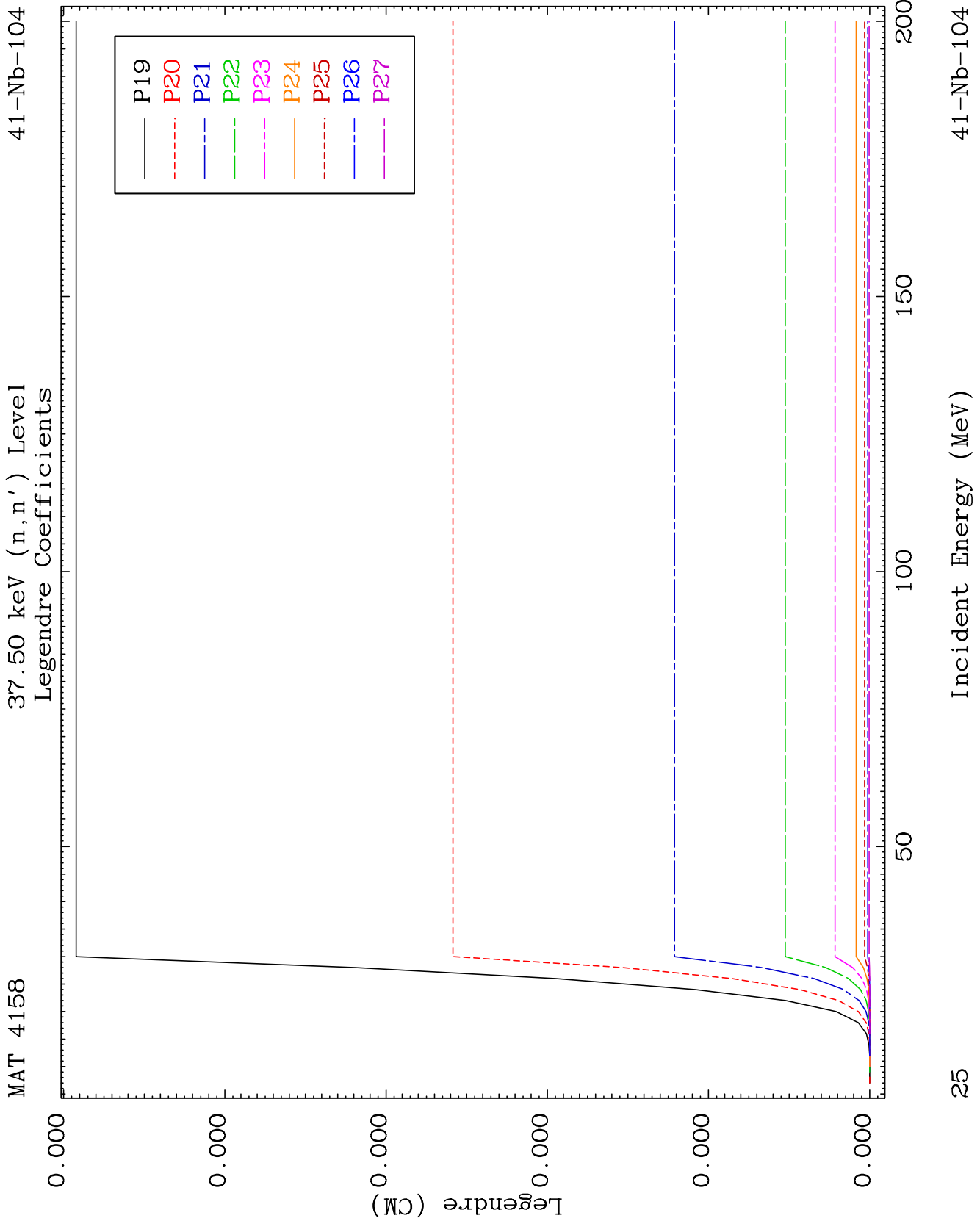








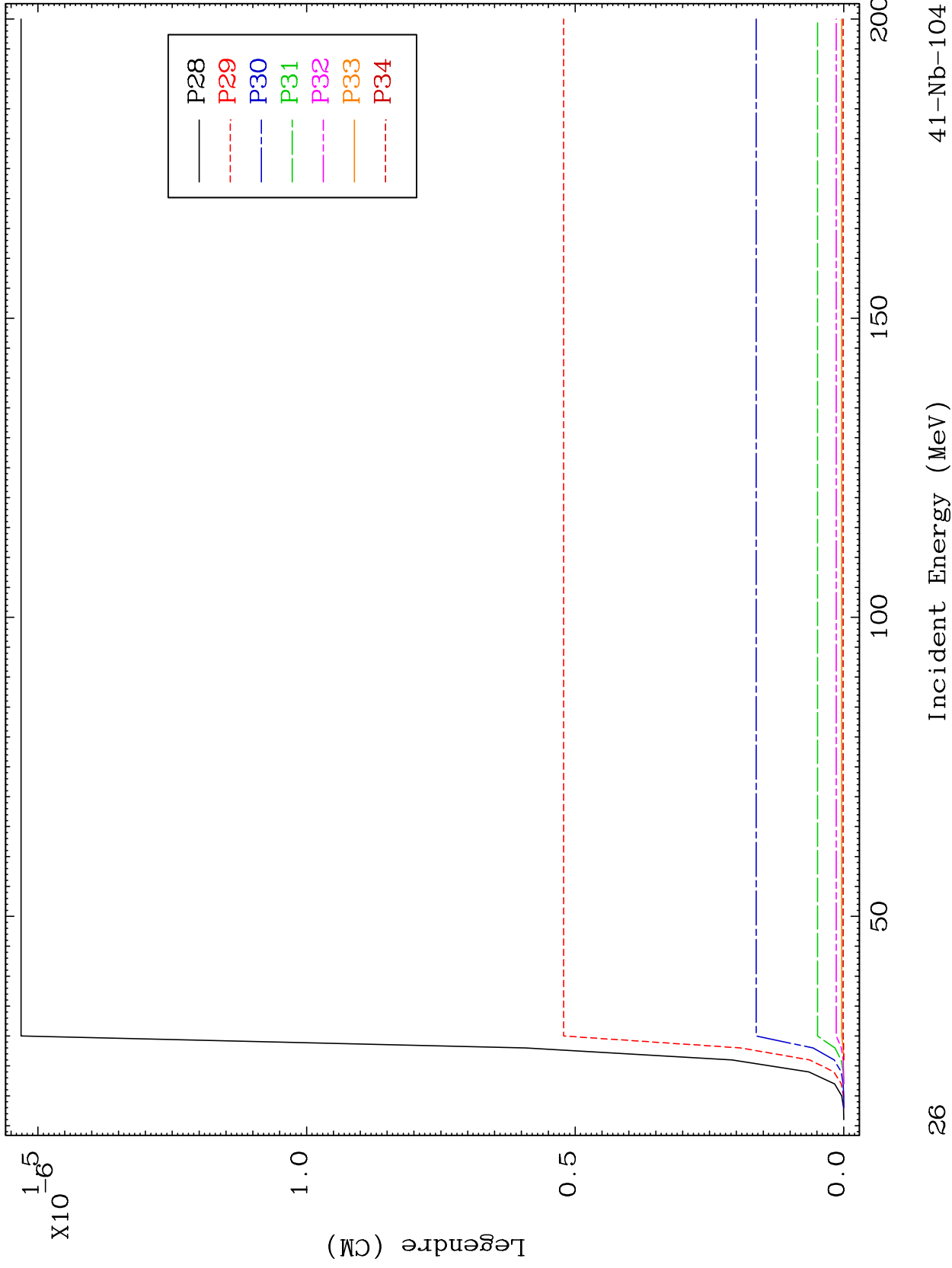




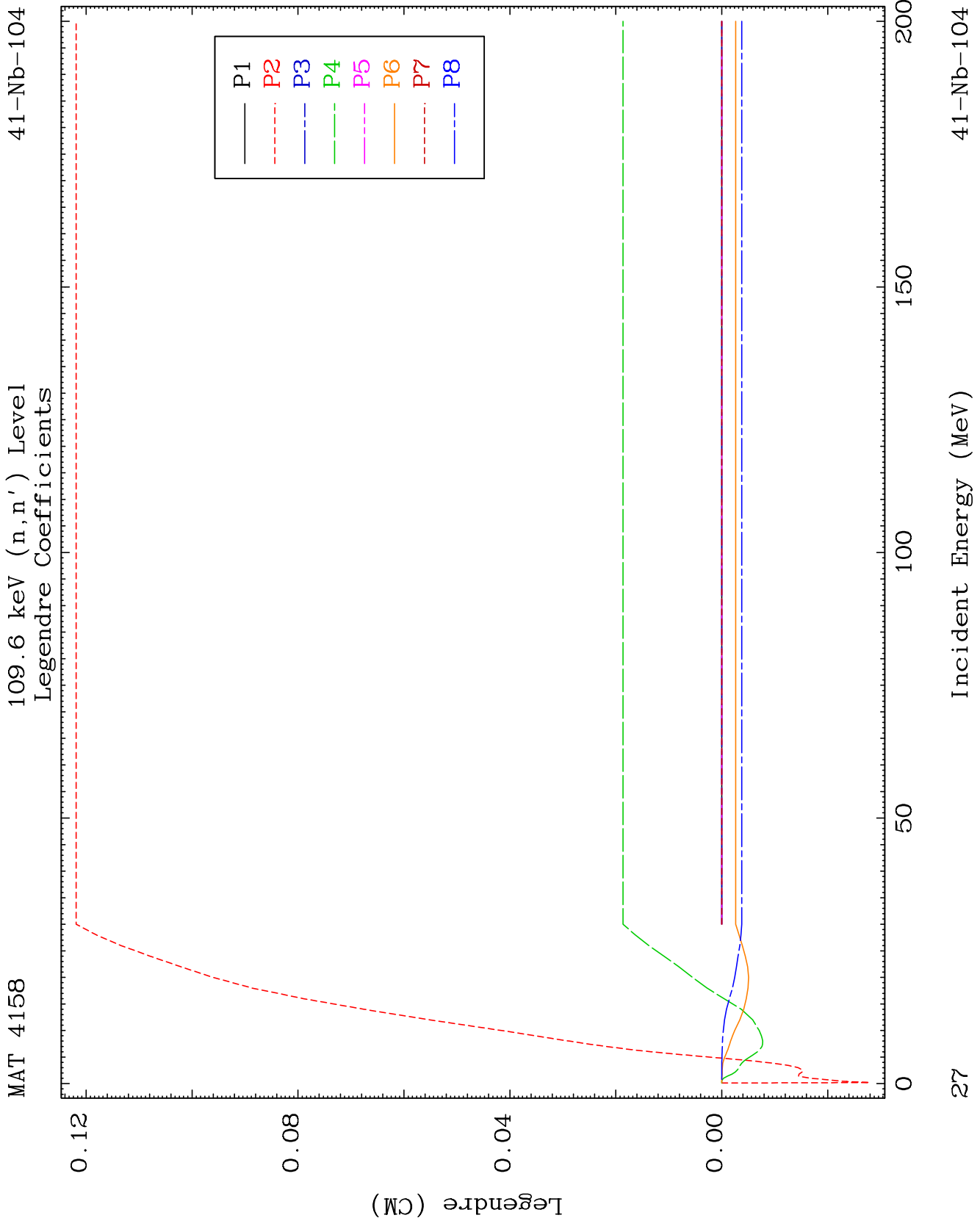
MAT 4158

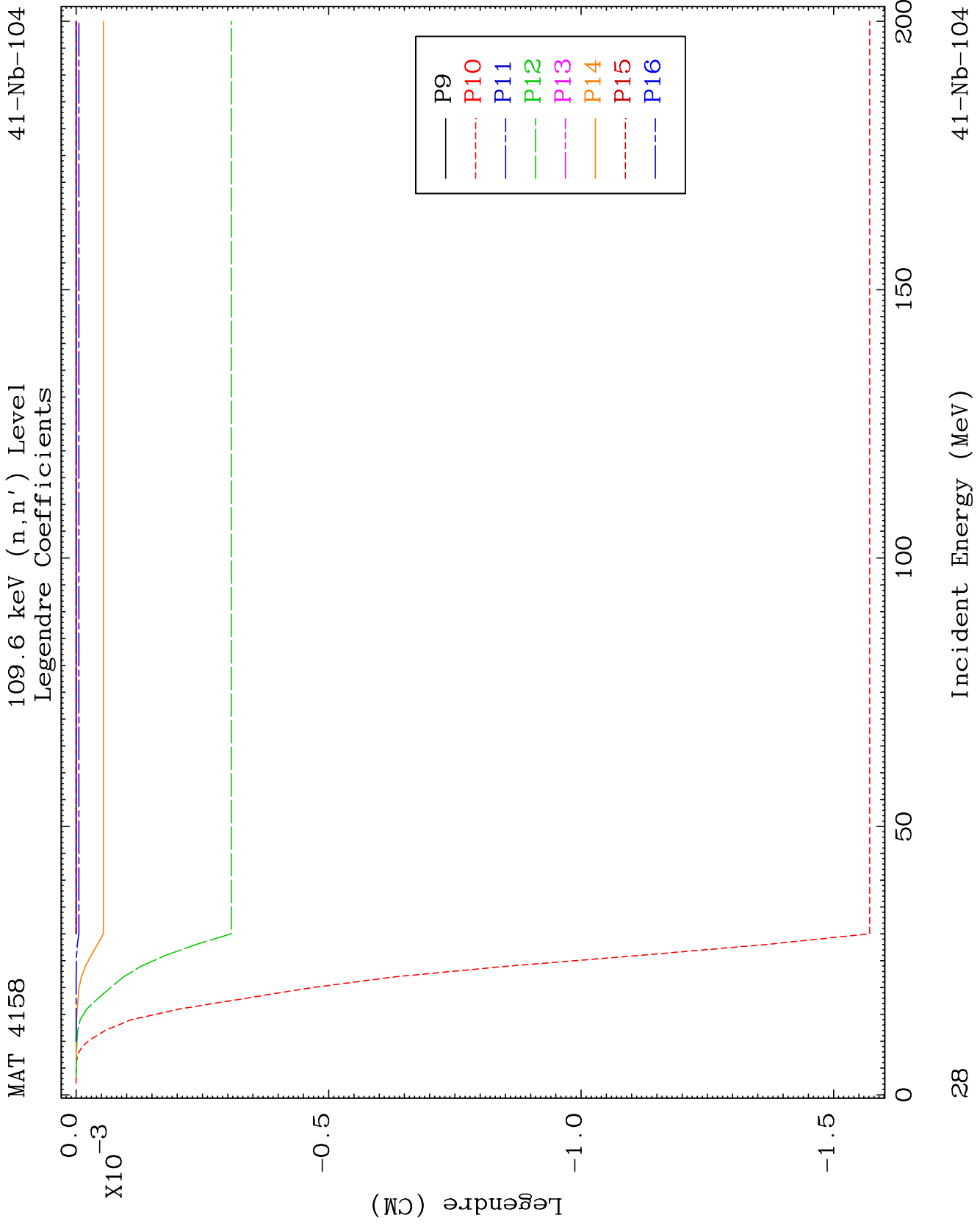
37.50 keV (n,n') Level  
Legendre Coefficients

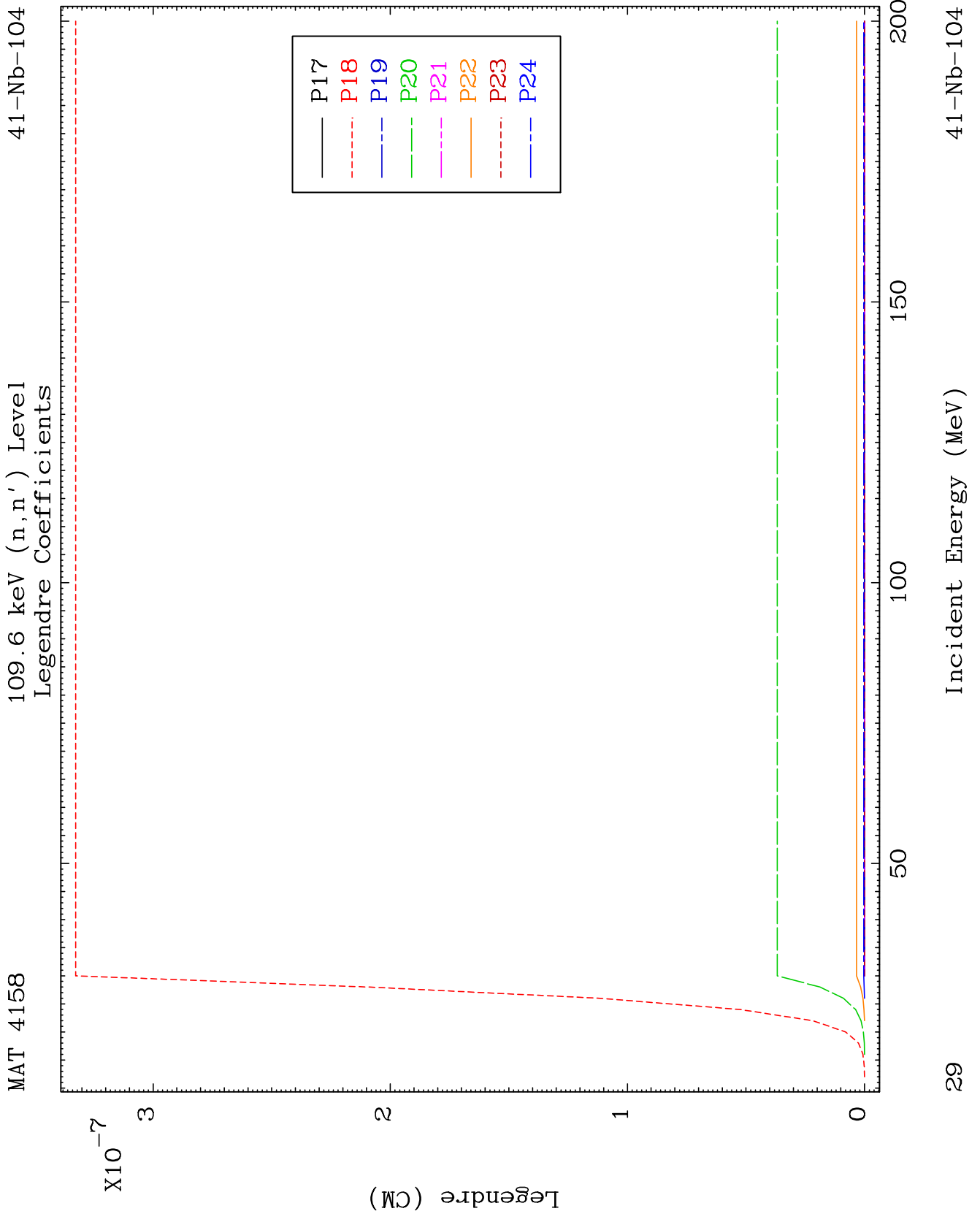
41-Nb-104



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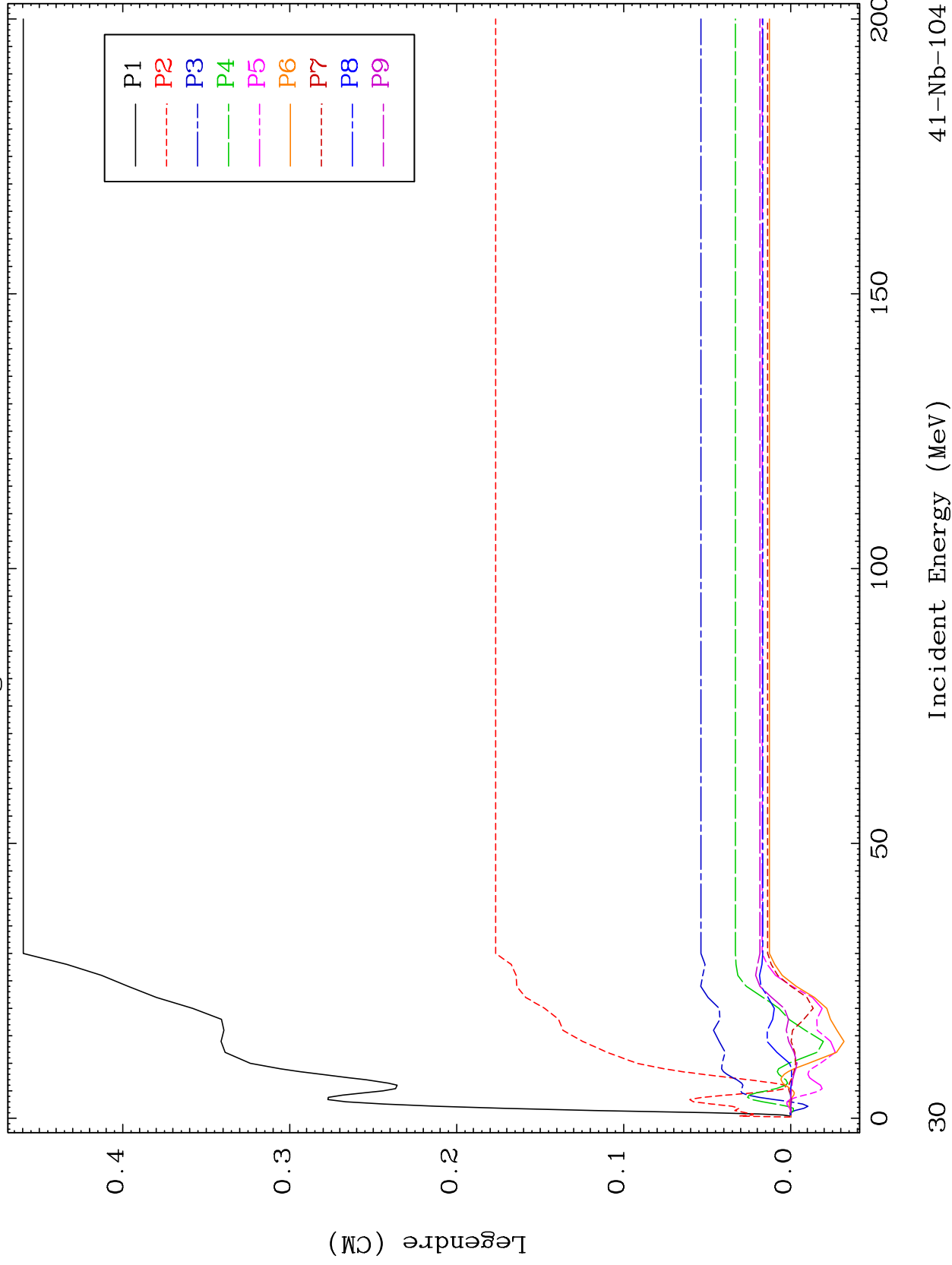




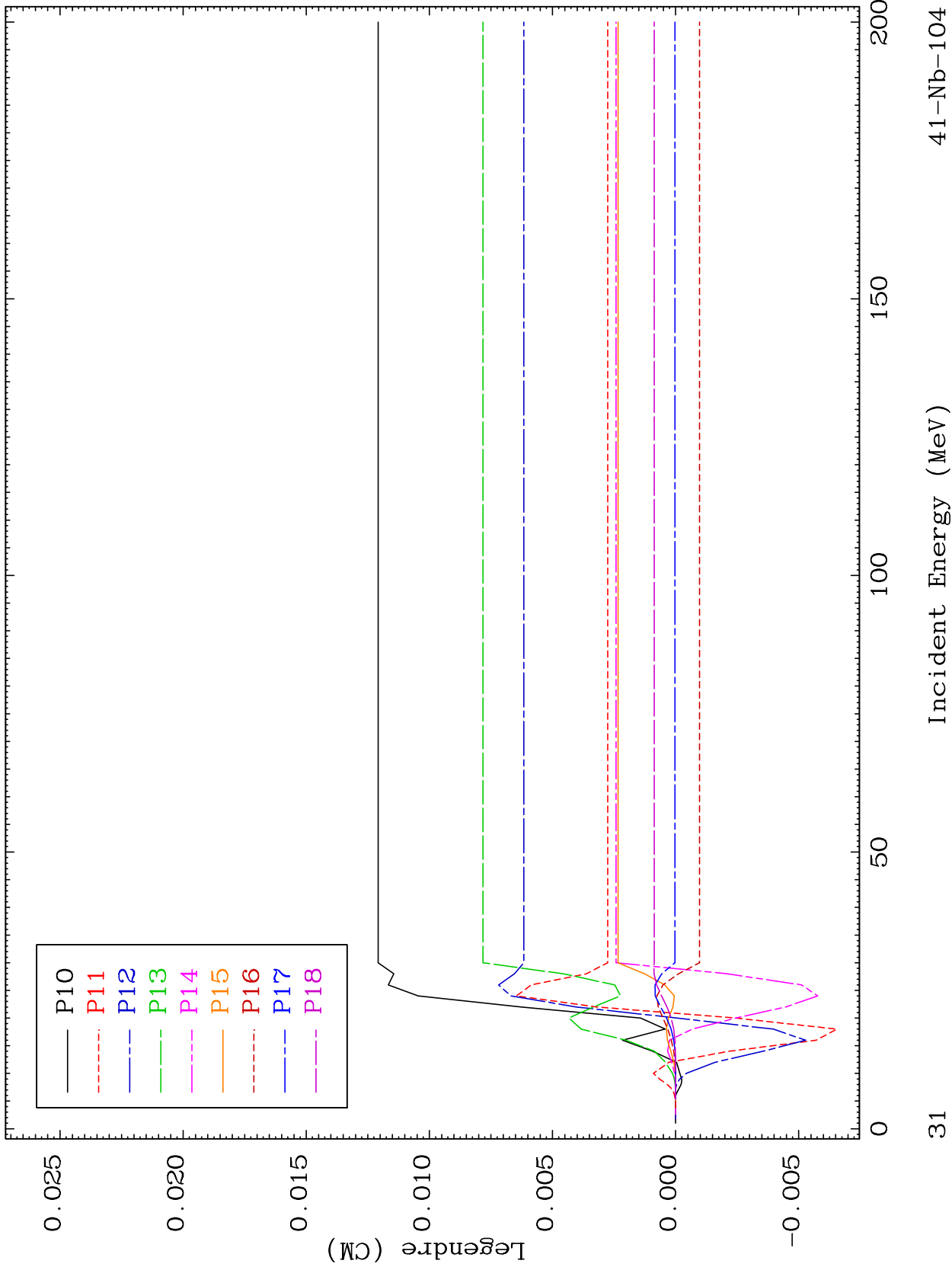
MAT 4158

215.0 keV (n,n') Level  
Legendre Coefficients

41-Nb-104



41-Nb-104

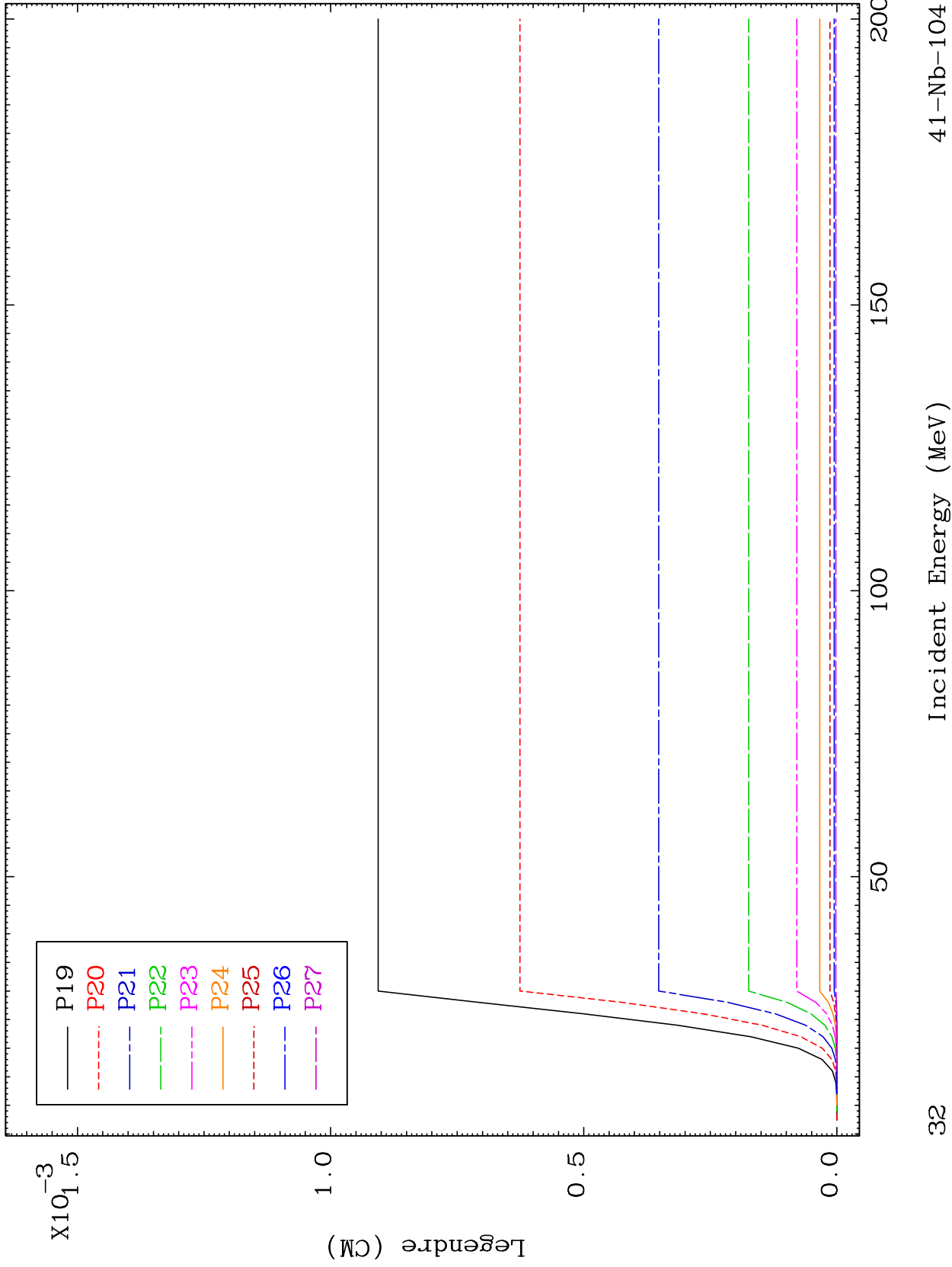




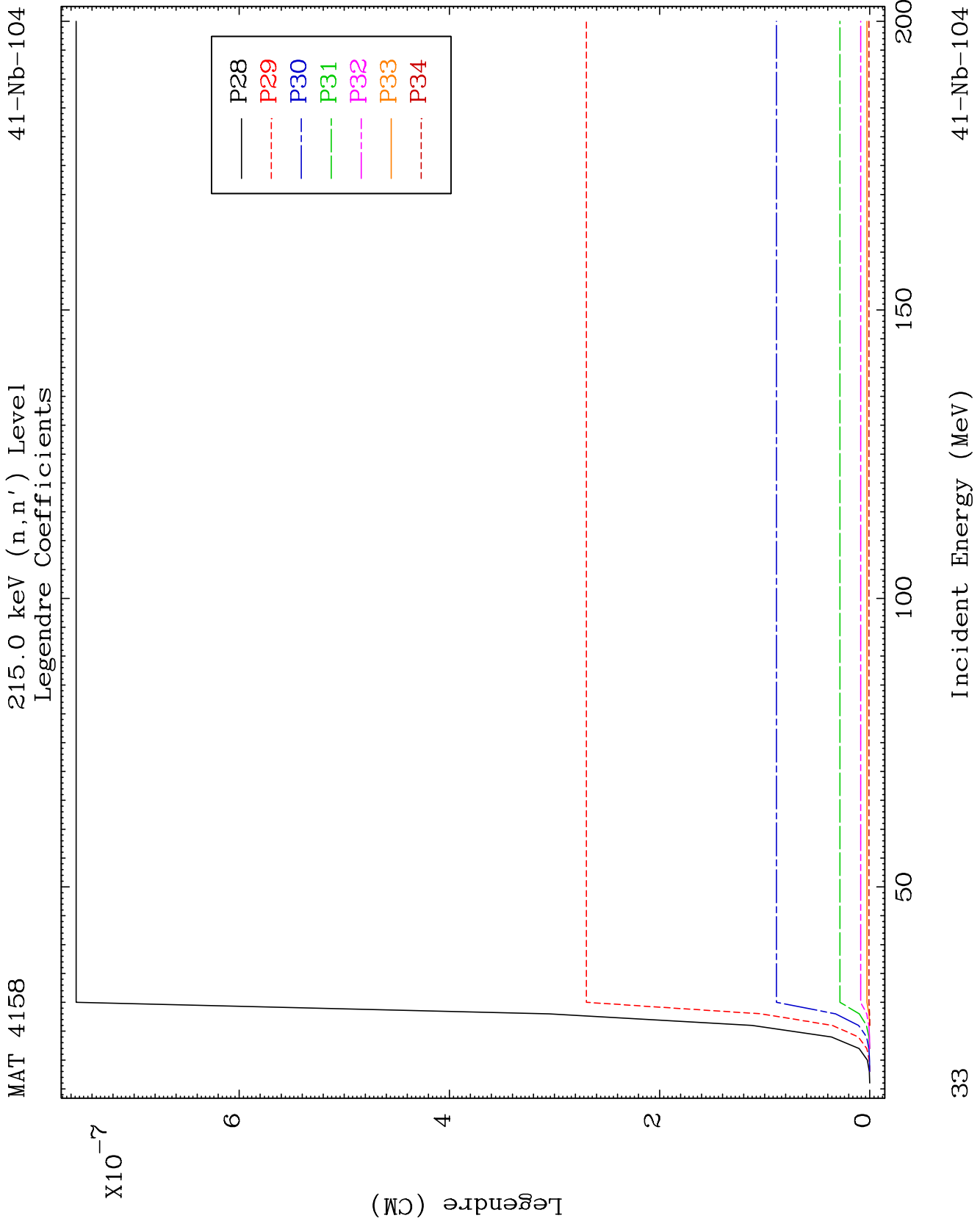
MAT 4158

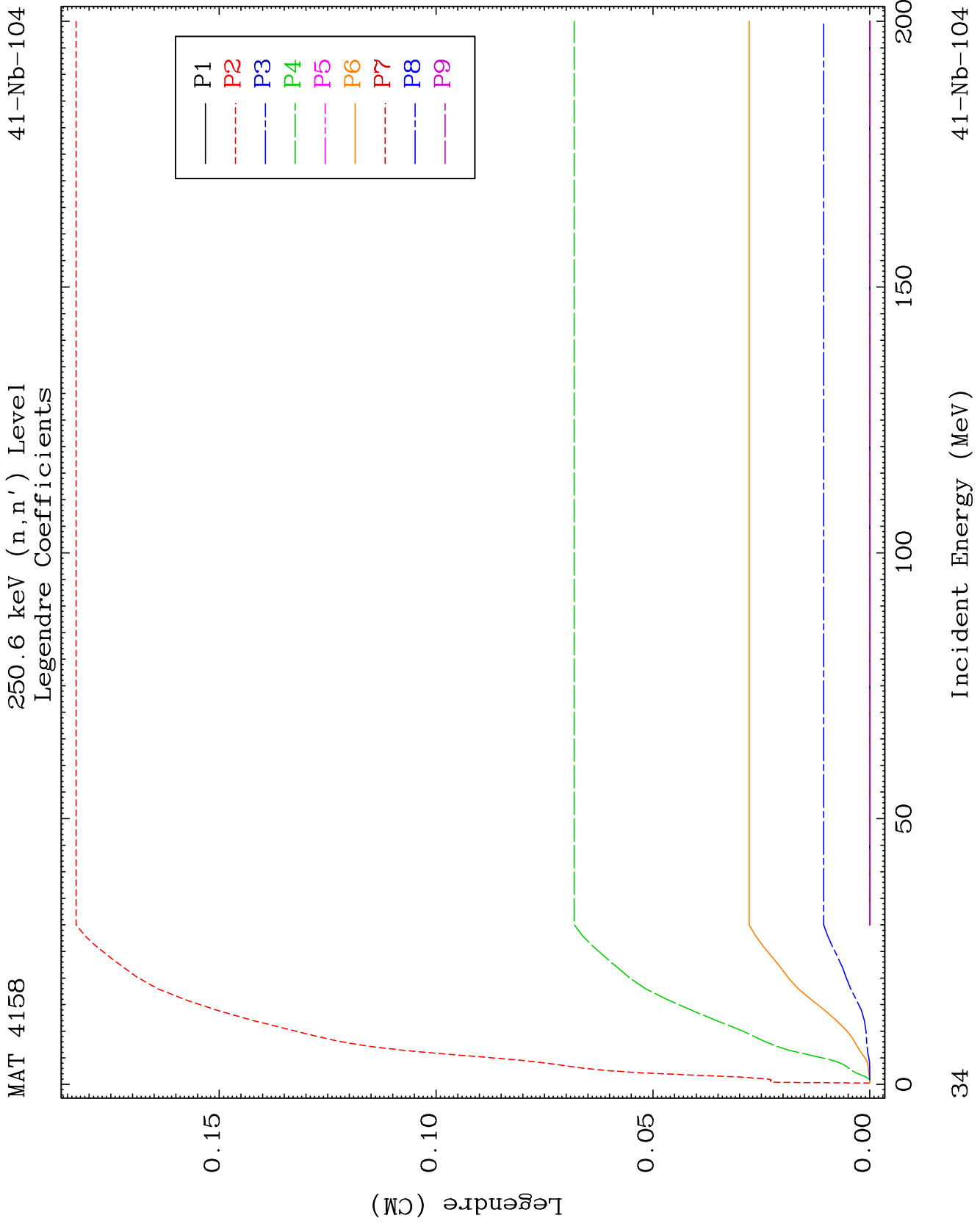
215.0 keV (n, n') Level  
Legendre Coefficients

41-Nb-104



32

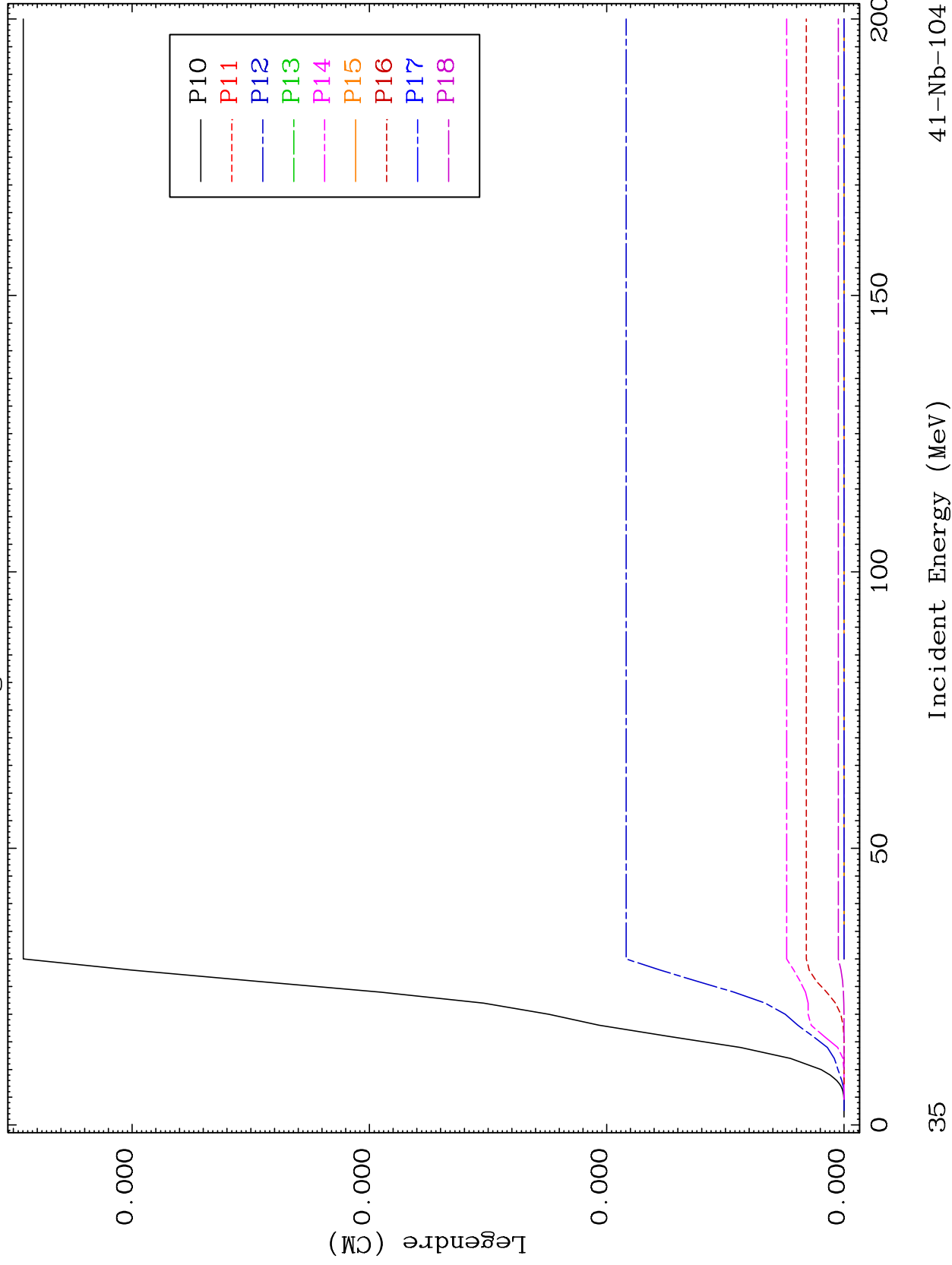




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250.6 keV (n,n') Level  
Legendre Coefficients

41-Nb-104



41-Nb-104

Incident Energy (MeV)

35

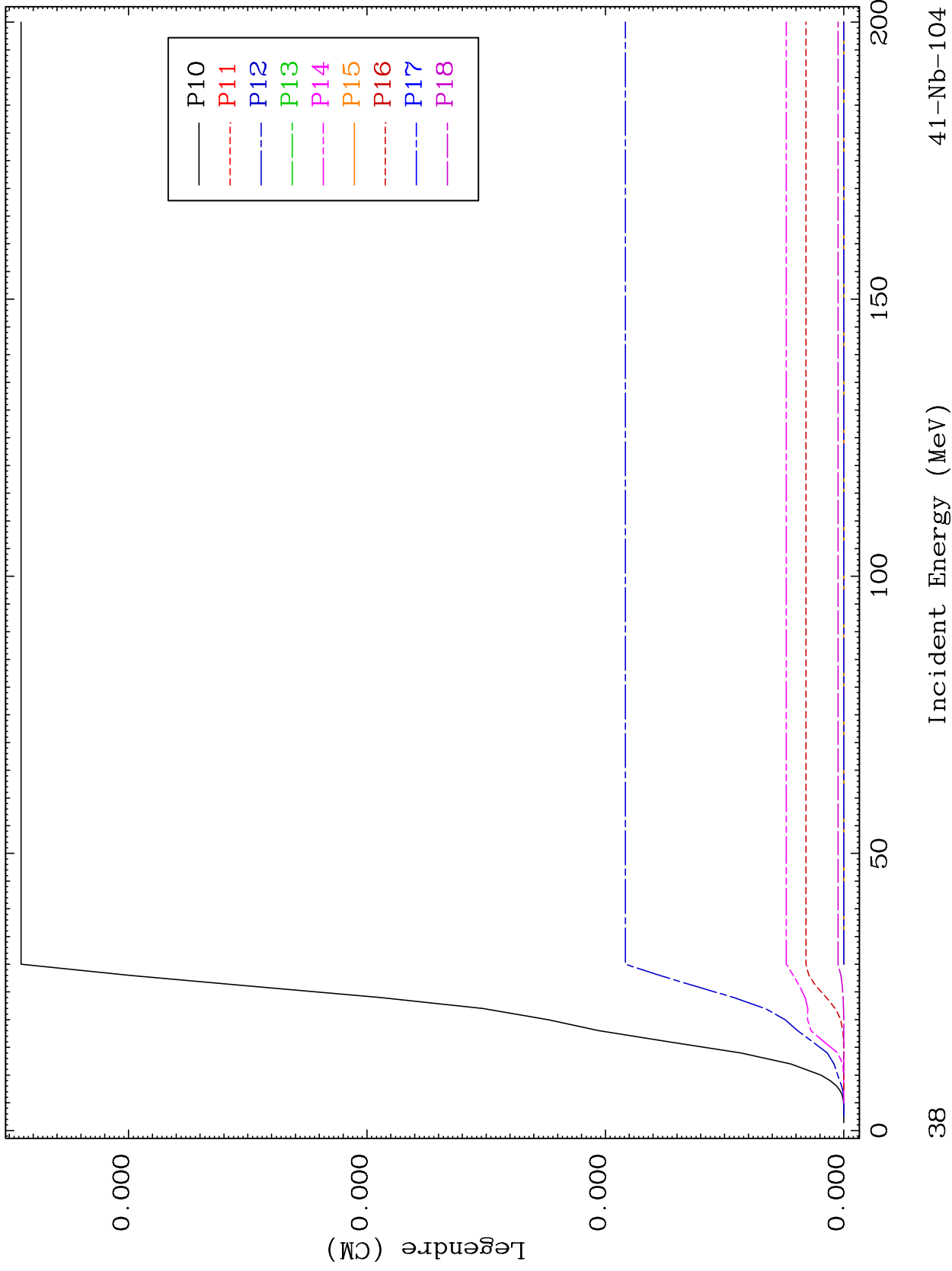




MAT 4158

311.8 keV (n,n') Level  
Legendre Coefficients

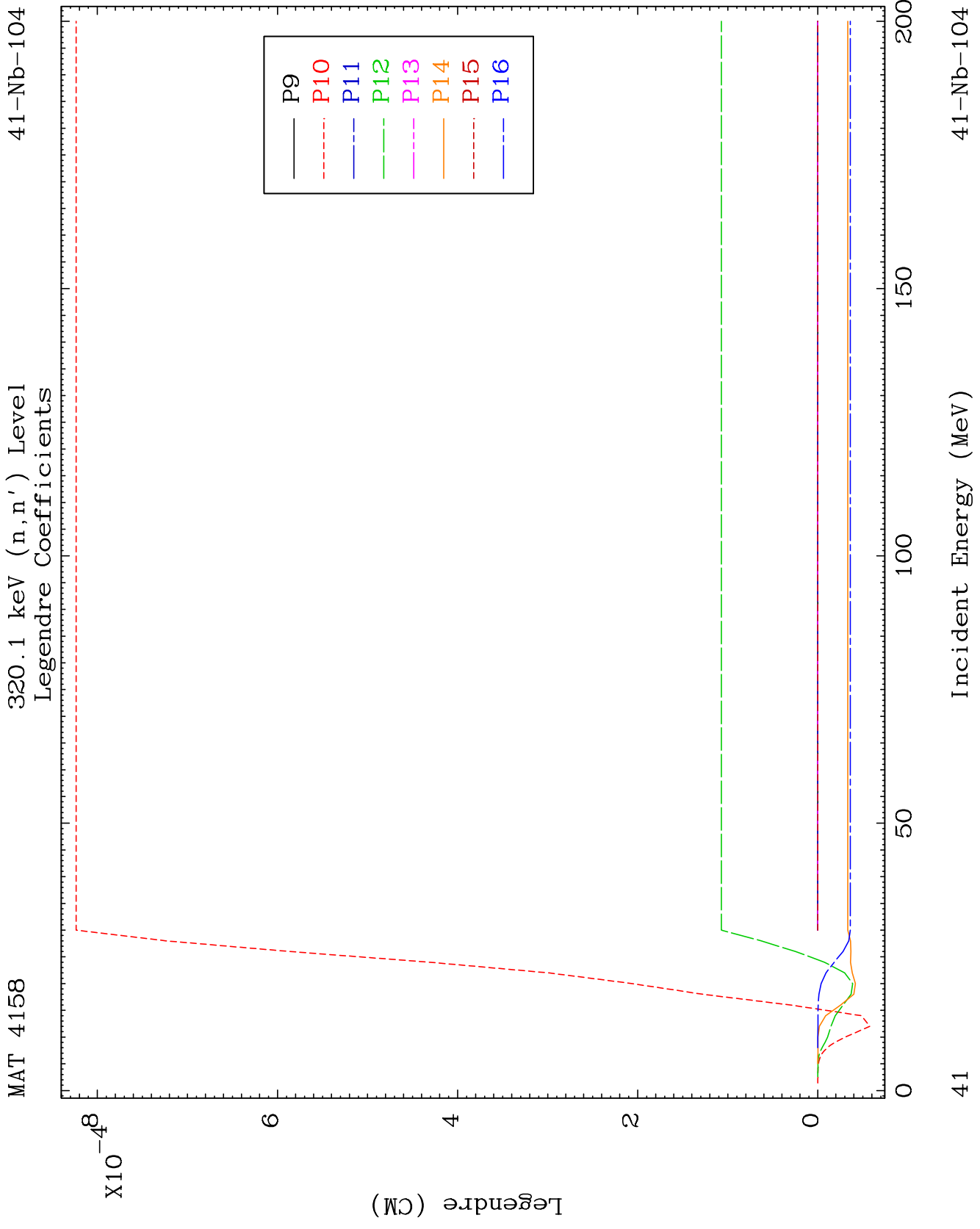
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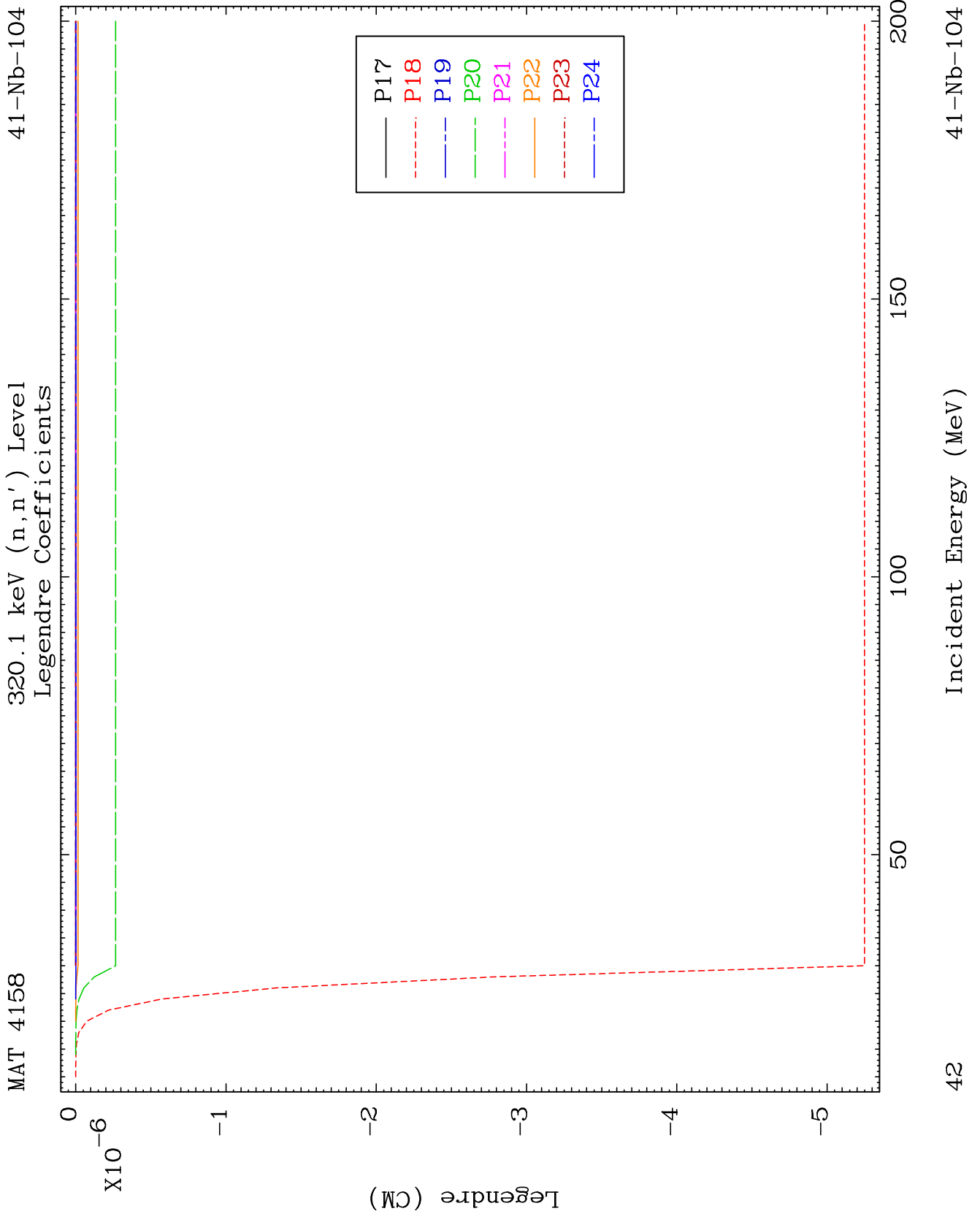










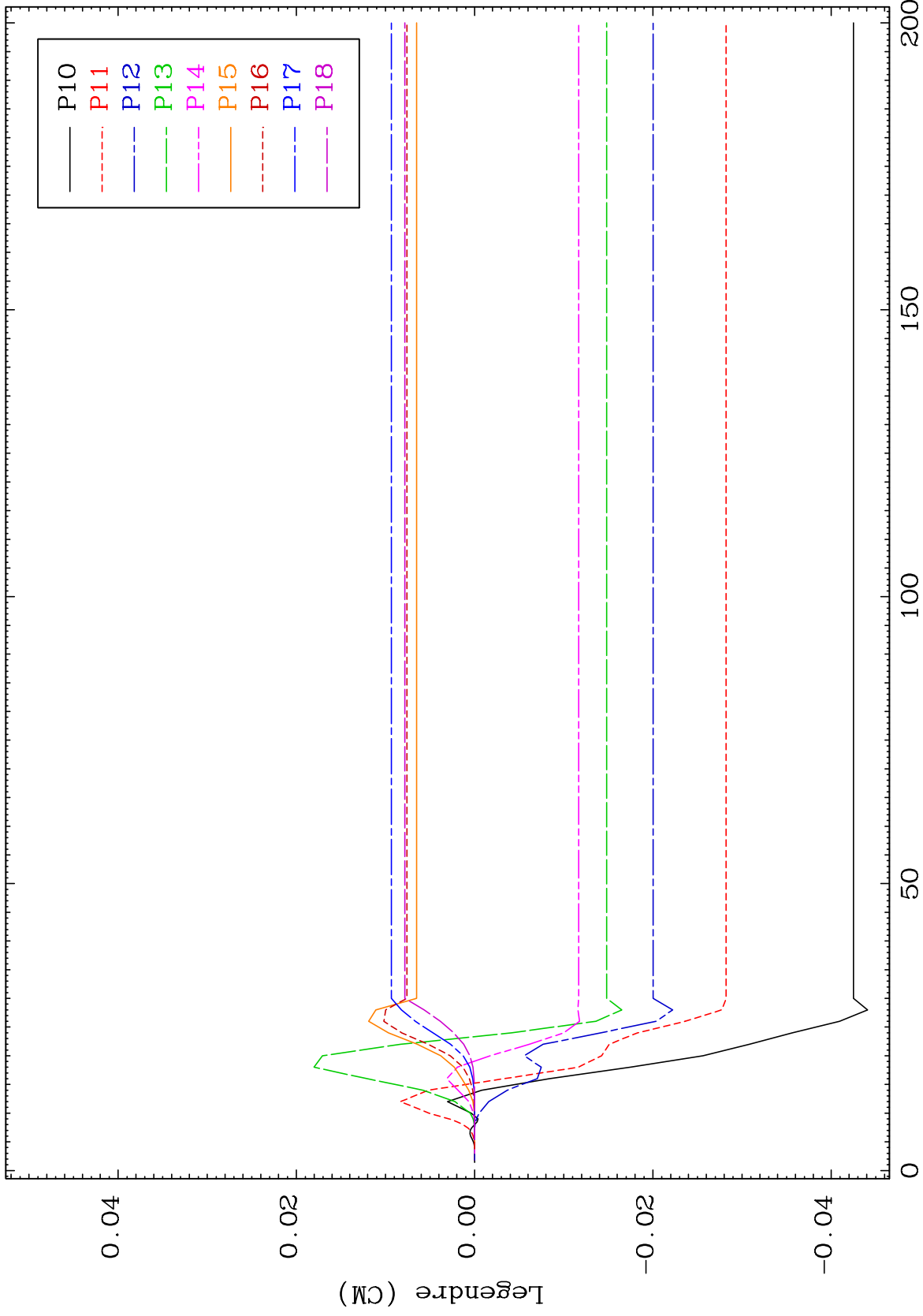




MAT 4158

370.0 keV (n,n') Level  
Legendre Coefficients

41-Nb-104



44

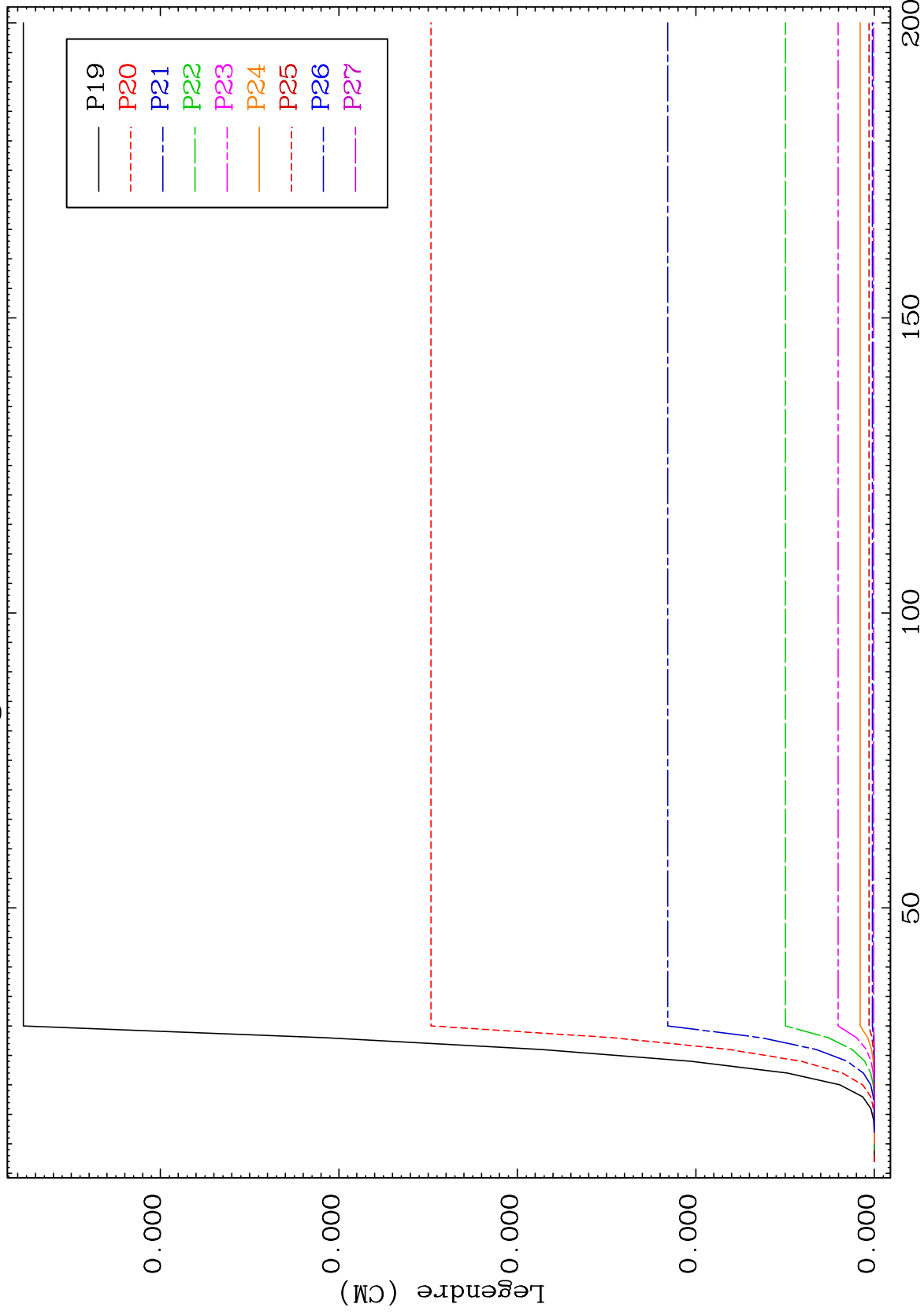
Incident Energy (MeV)

41-Nb-104

MAT 4158

370.0 keV (n, n') Level  
Legendre Coefficients

41-Nb-104

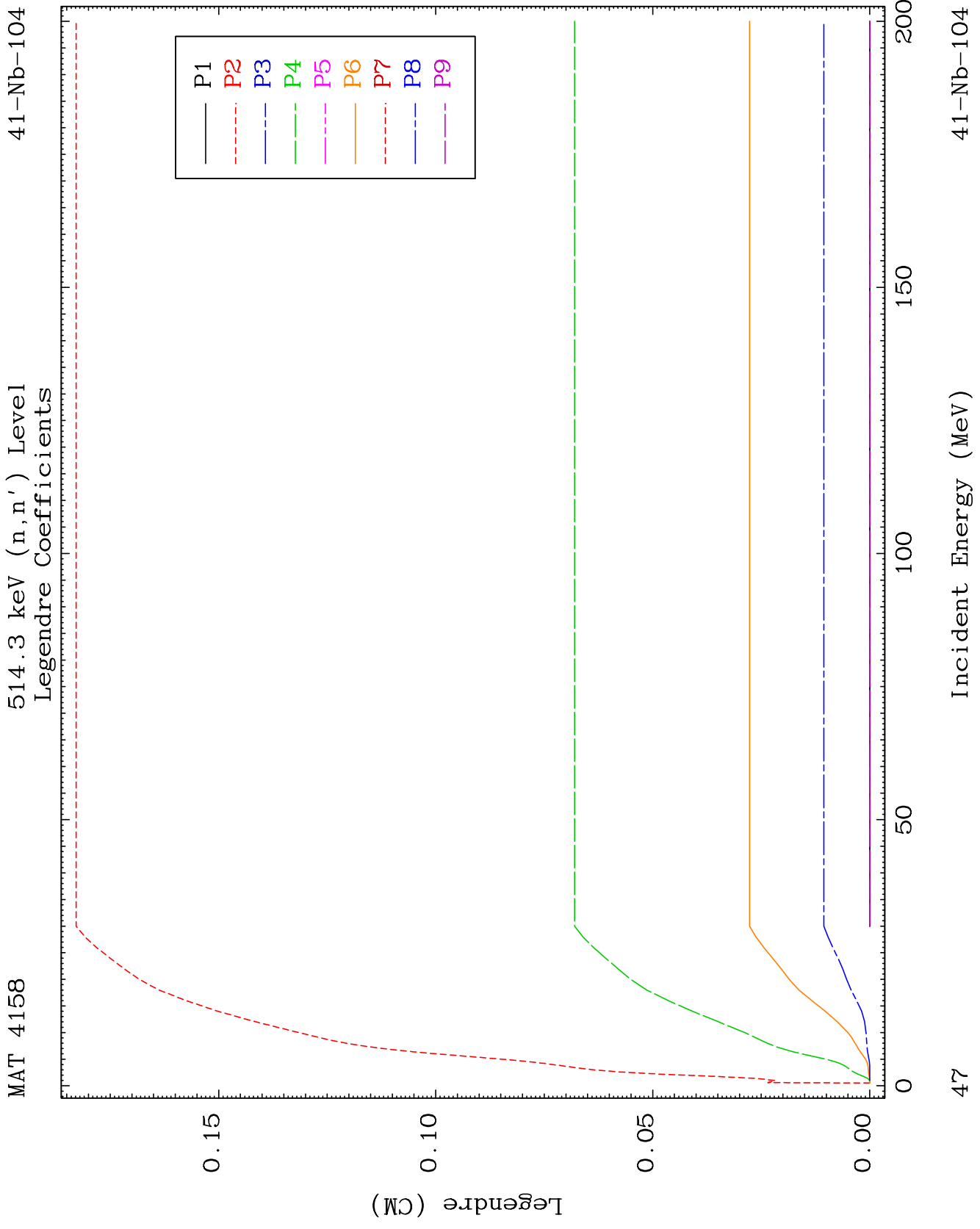


45

Incident Energy (MeV)

41-Nb-104



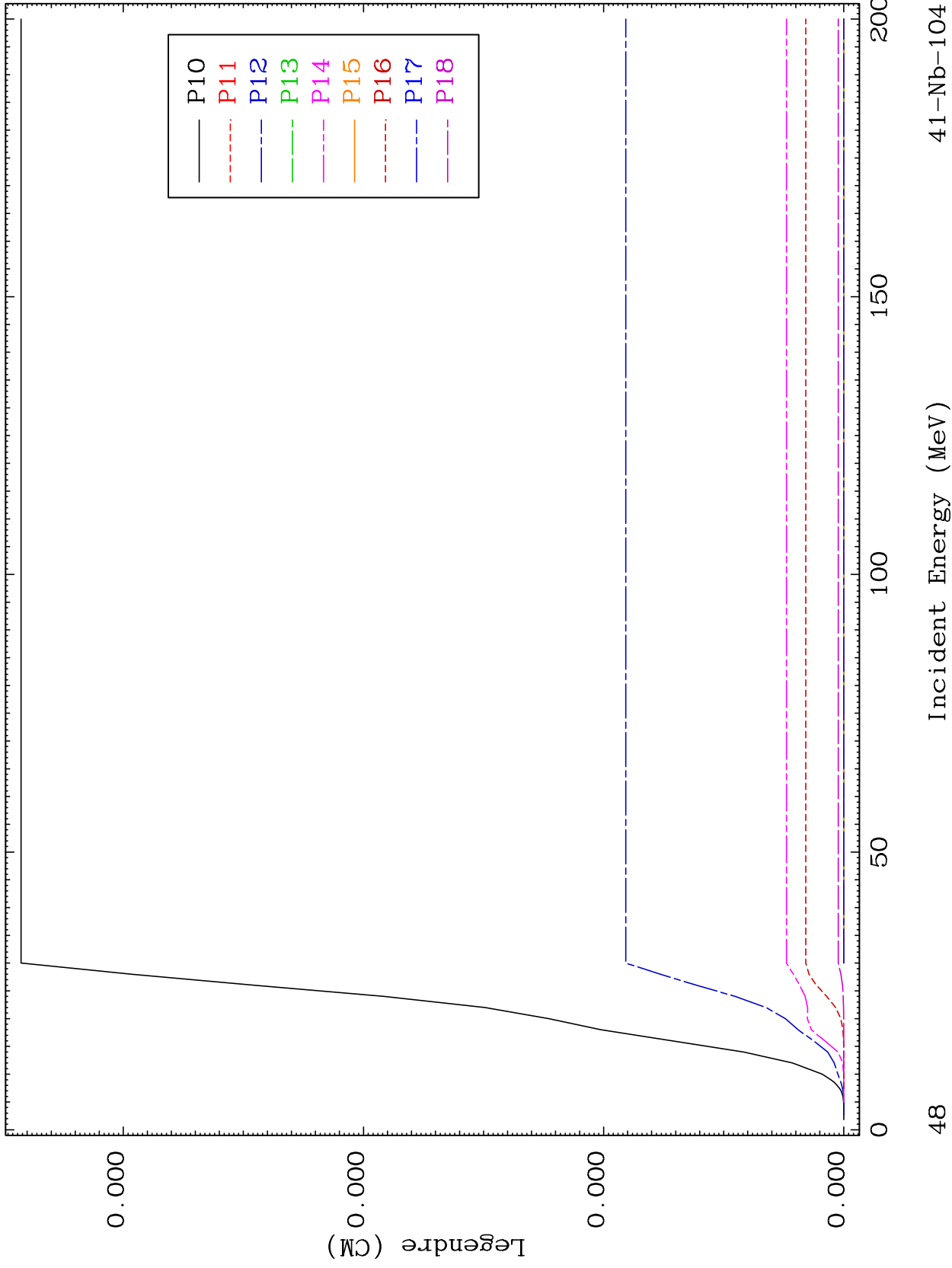




MAT 4158

514.3 keV (n,n') Level  
Legendre Coefficients

41-Nb-104



41-Nb-104

Incident Energy (MeV)

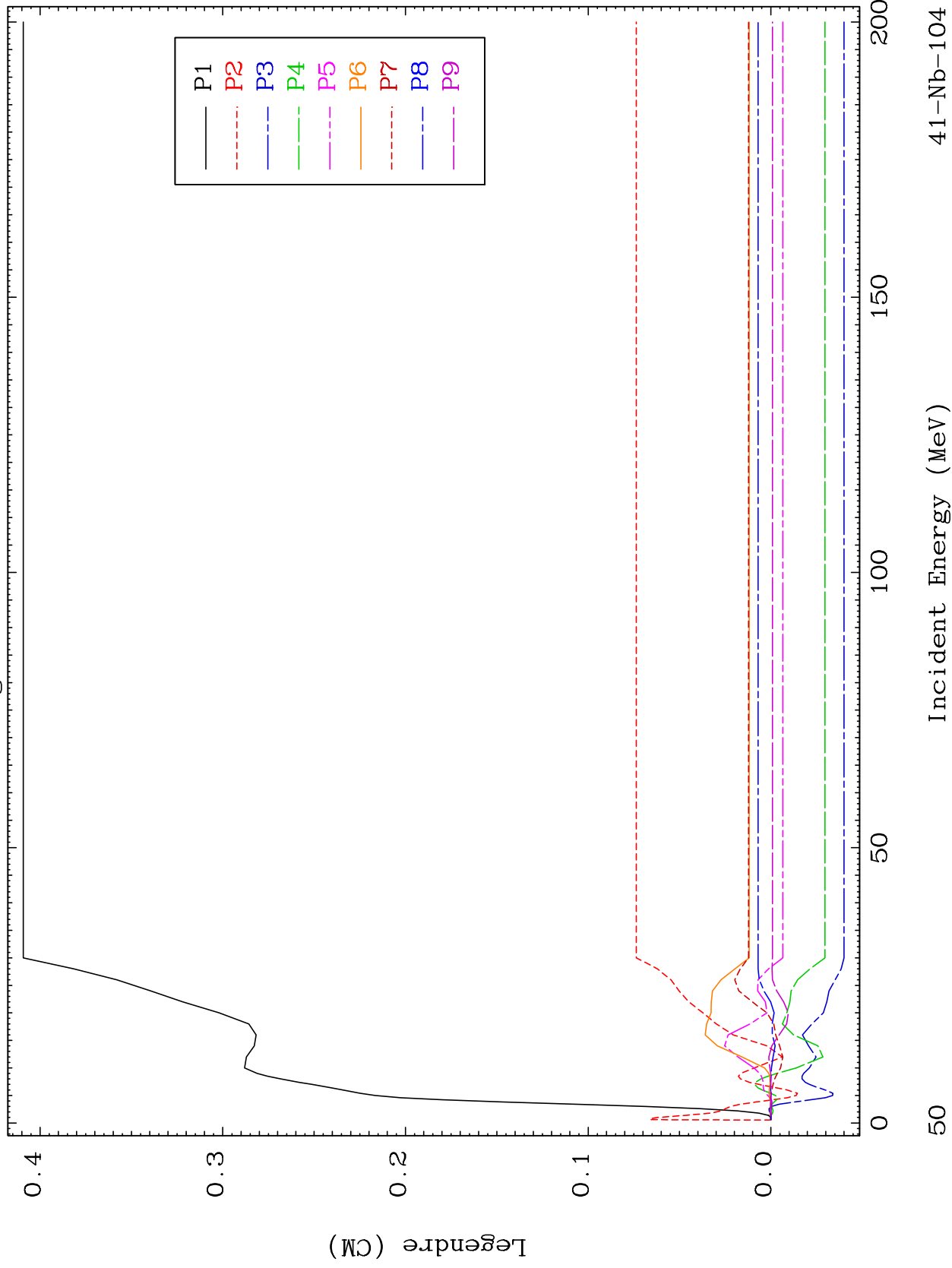
48



MAT 4158

518.7 keV (n, n') Level  
Legendre Coefficients

41-Nb-104

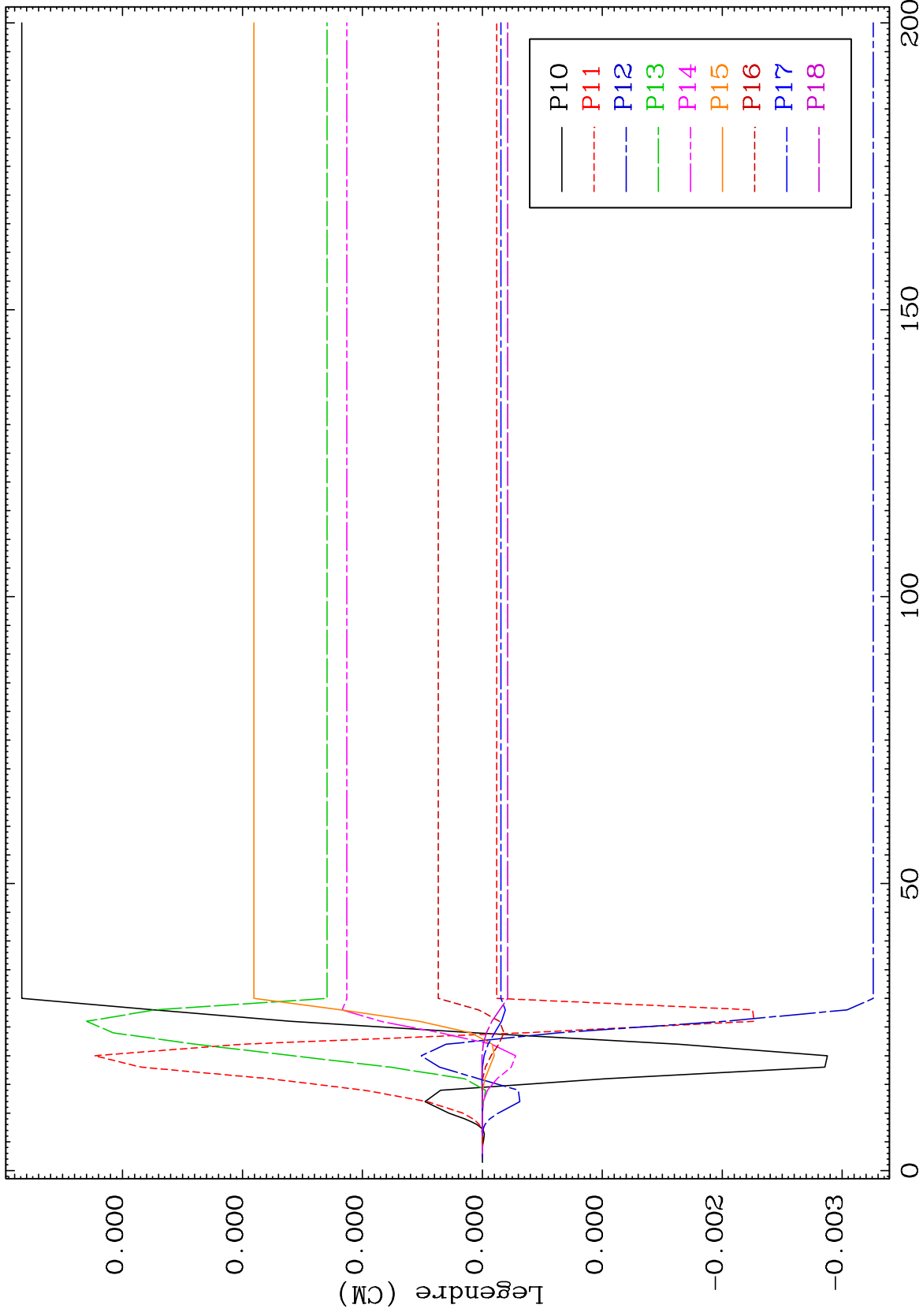


41-Nb-104

MAT 4158

518.7 keV (n,n') Level  
Legendre Coefficients

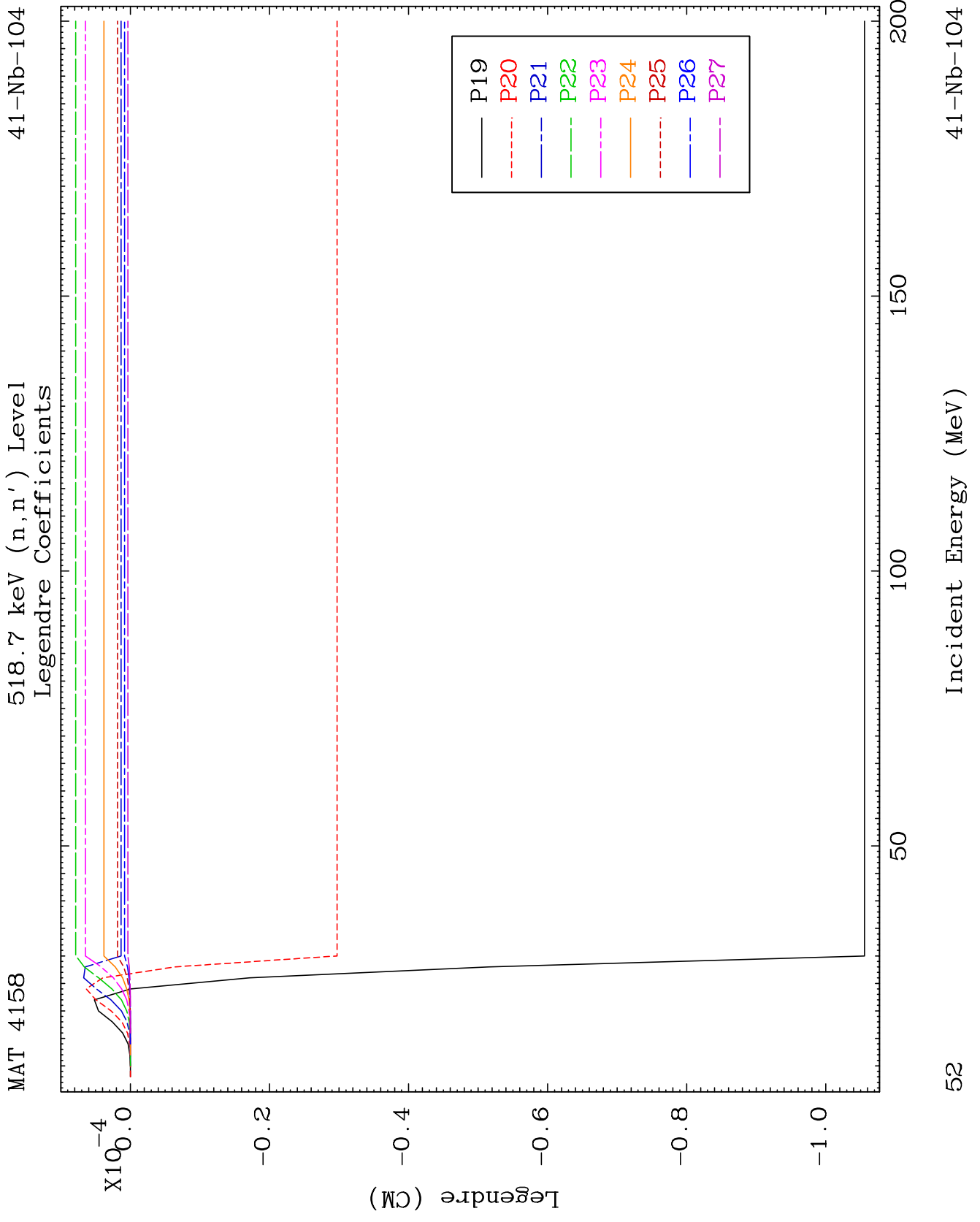
41-Nb-104



51

Incident Energy (MeV)

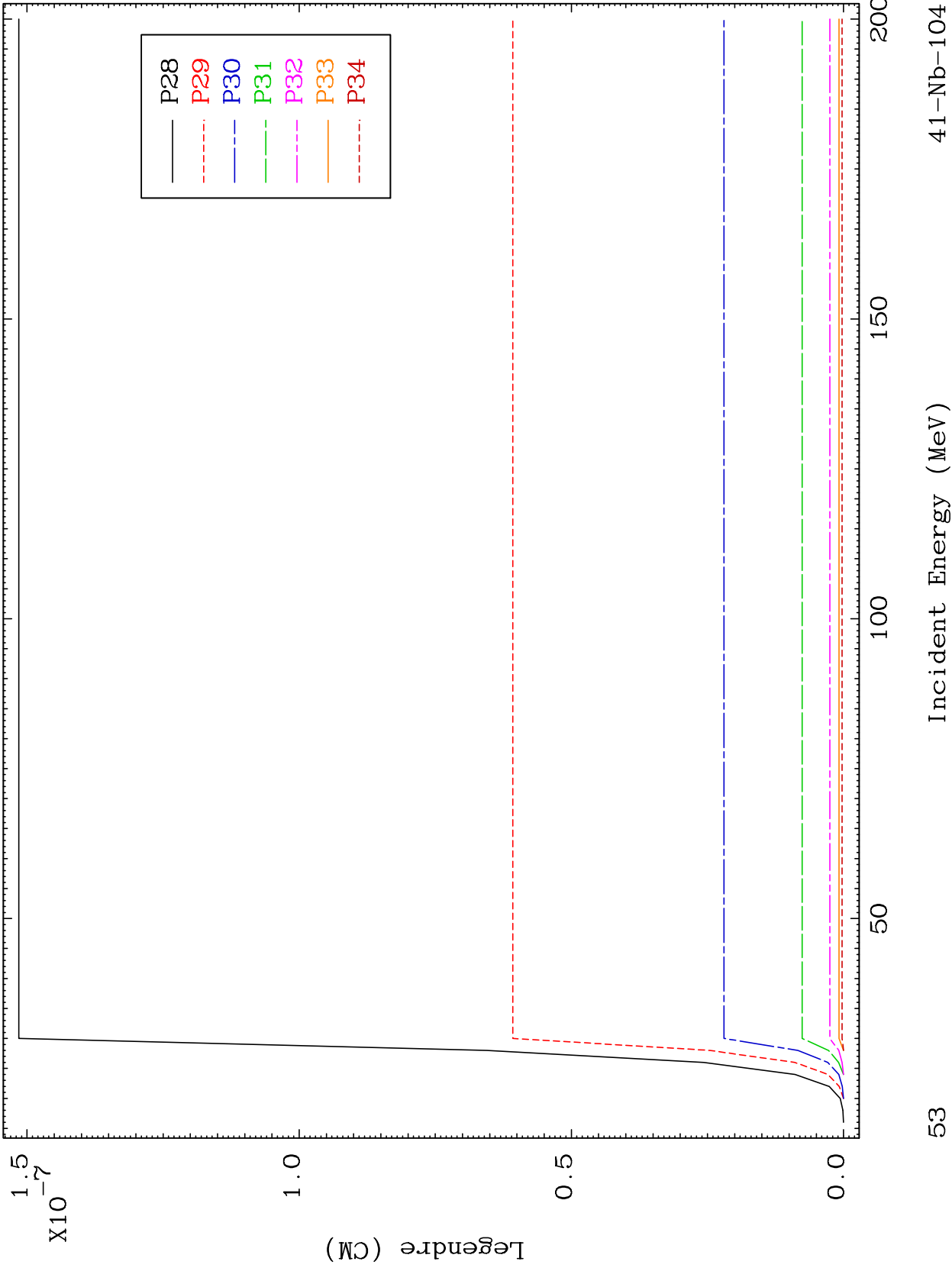
41-Nb-104



MAT 4158

518.7 keV (n, n') Level  
Legendre Coefficients

41-Nb-104



53

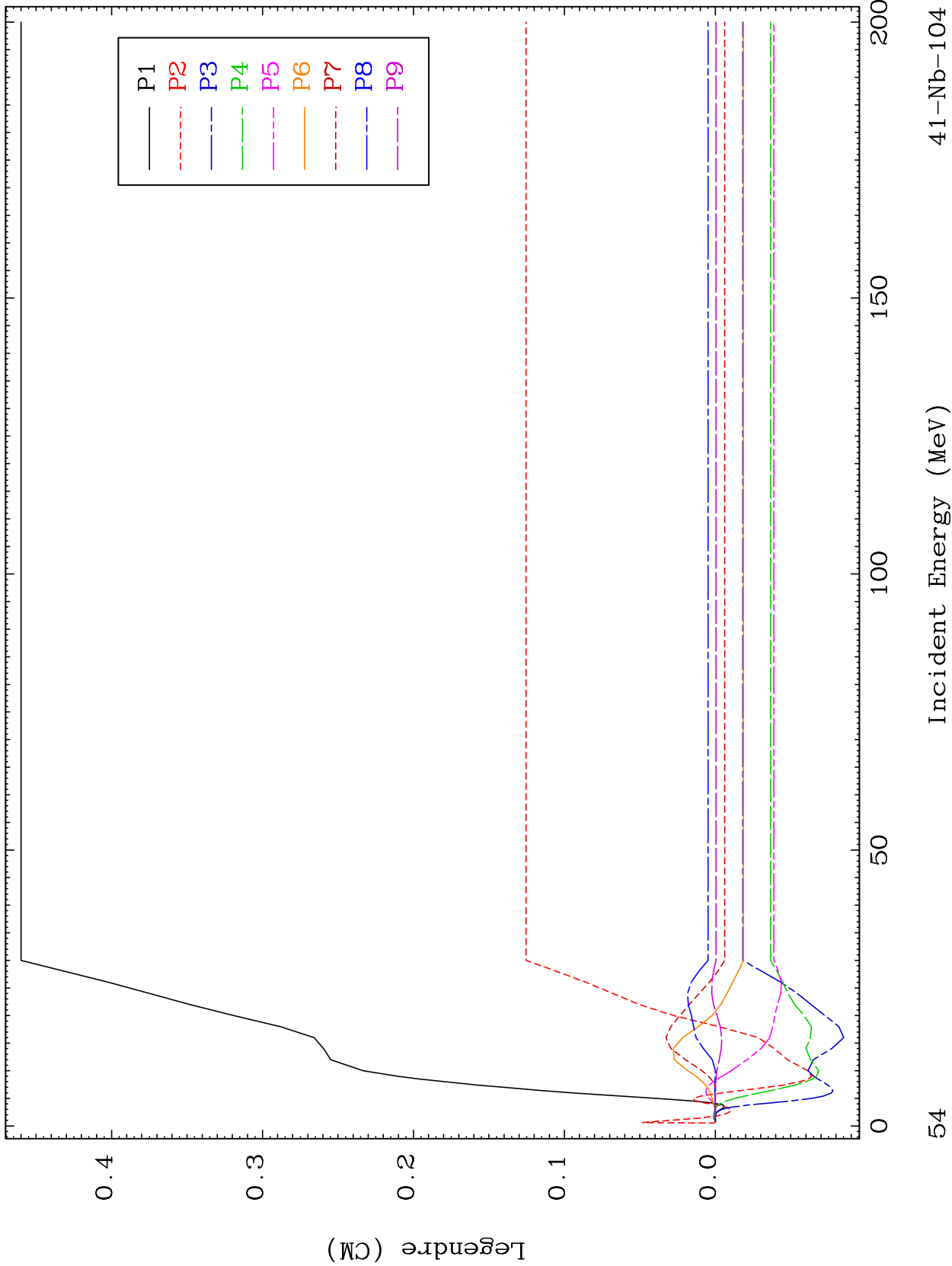
Incident Energy (MeV)

41-Nb-104

MAT 4158

521.6 keV (n,n') Level  
Legendre Coefficients

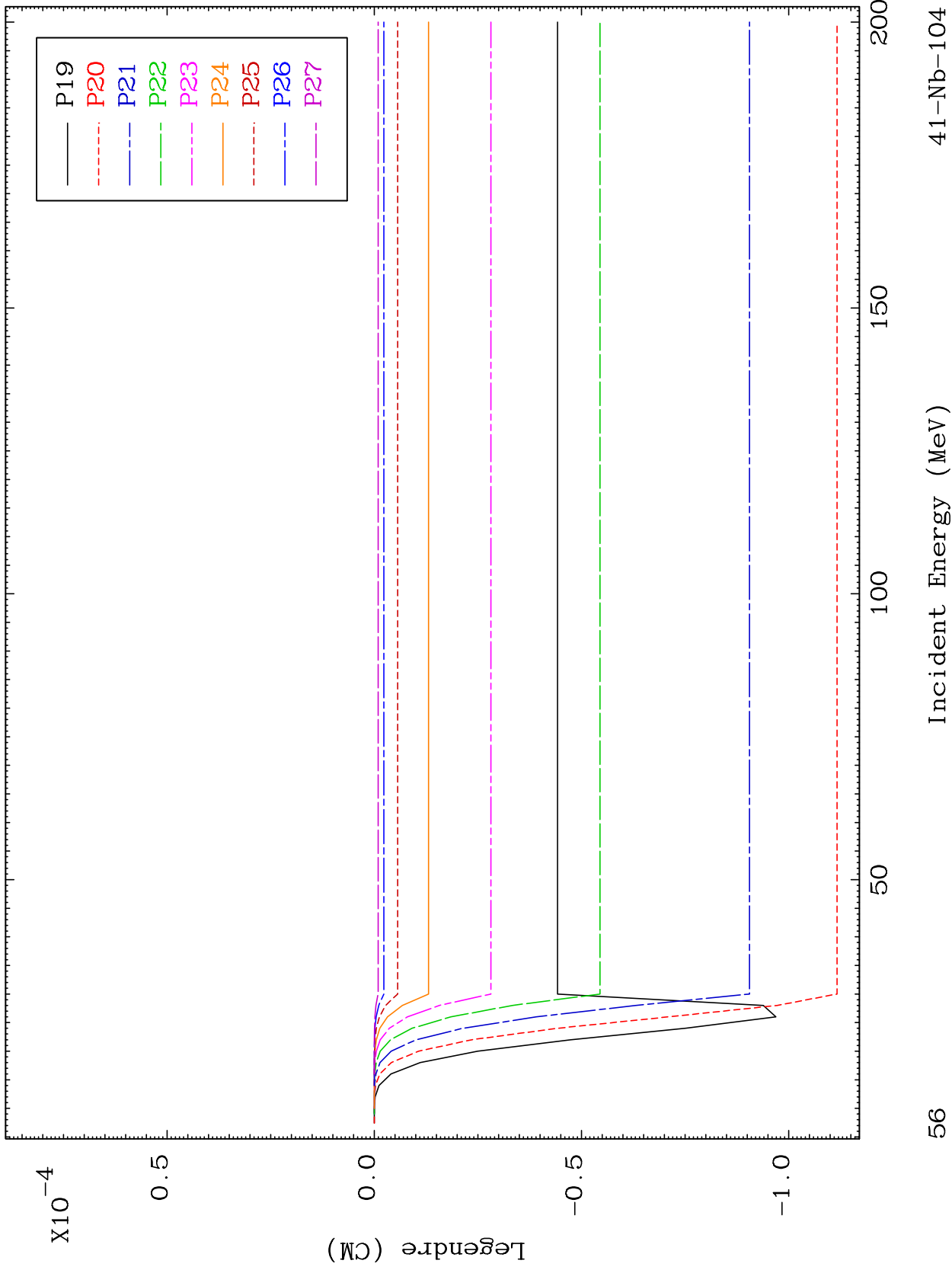
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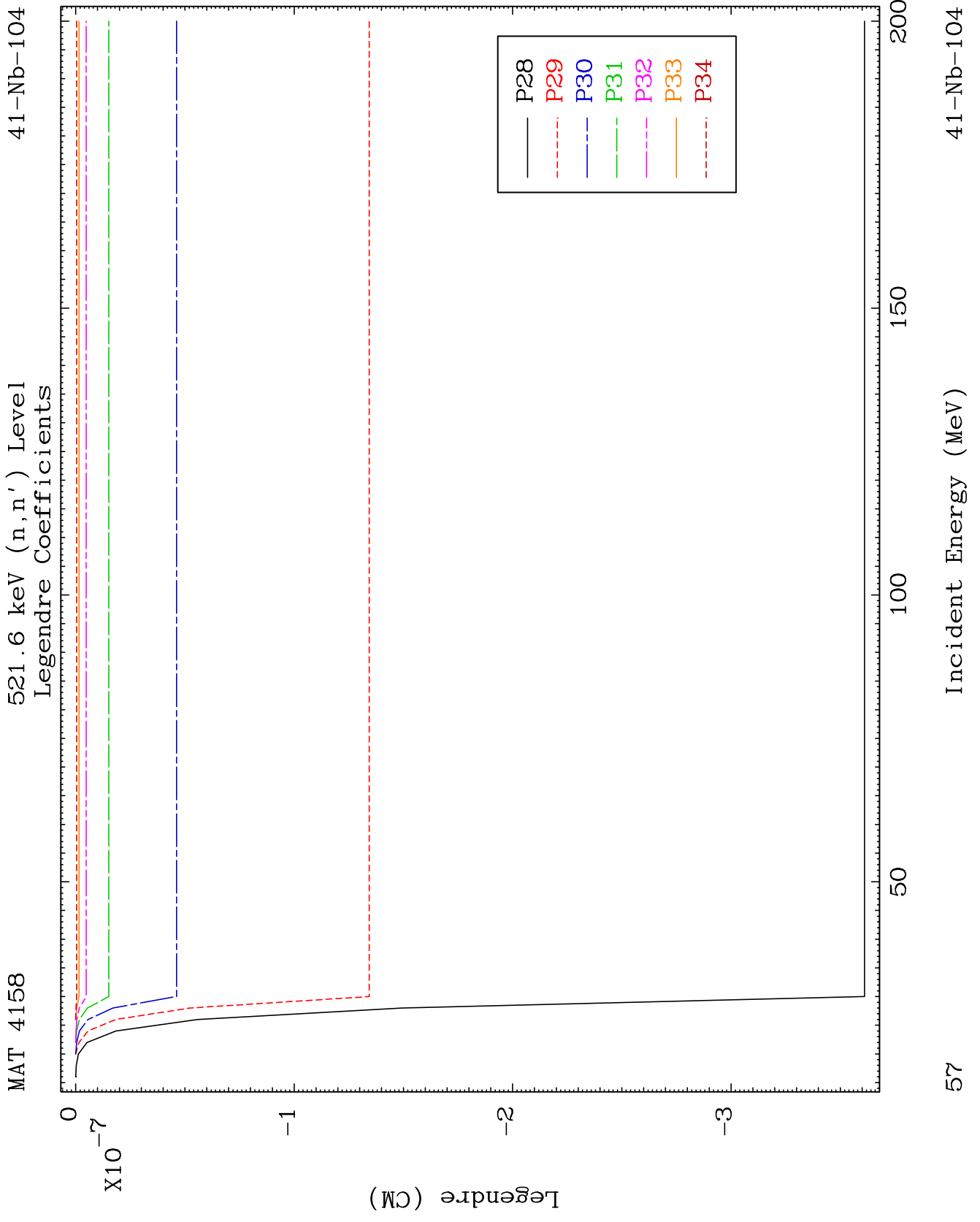


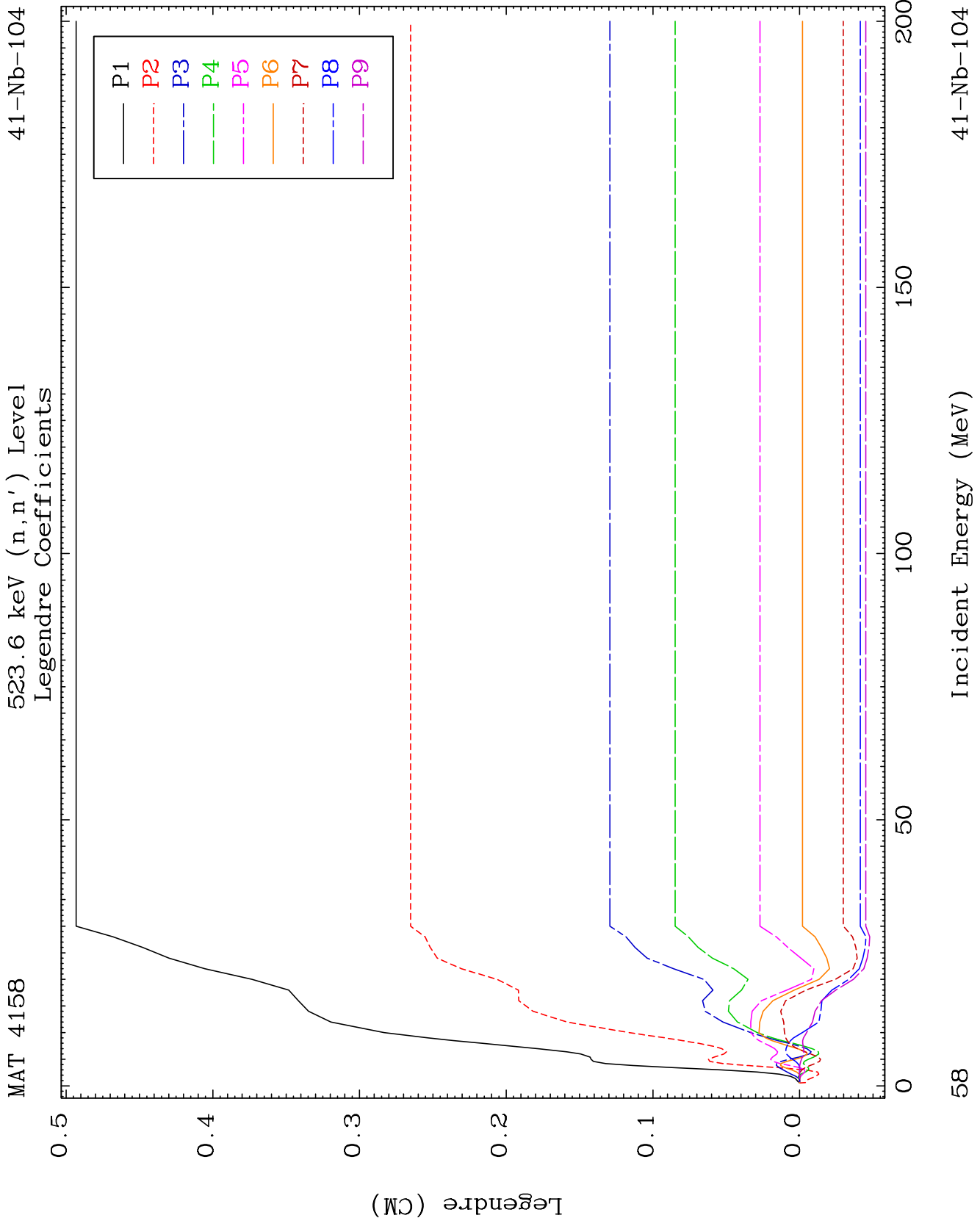
54







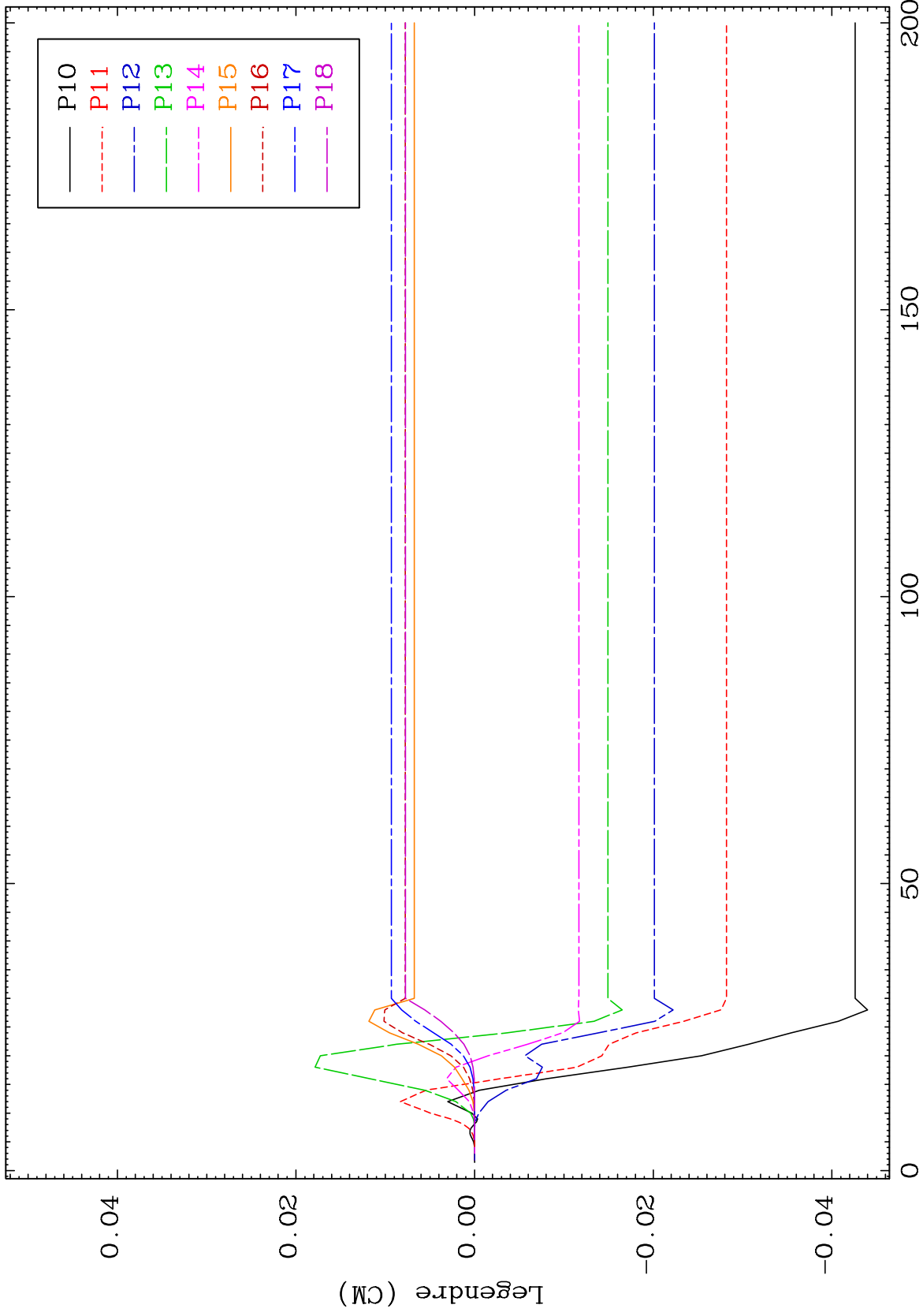




MAT 4158

523.6 keV (n,n') Level  
Legendre Coefficients

41-Nb-104



59

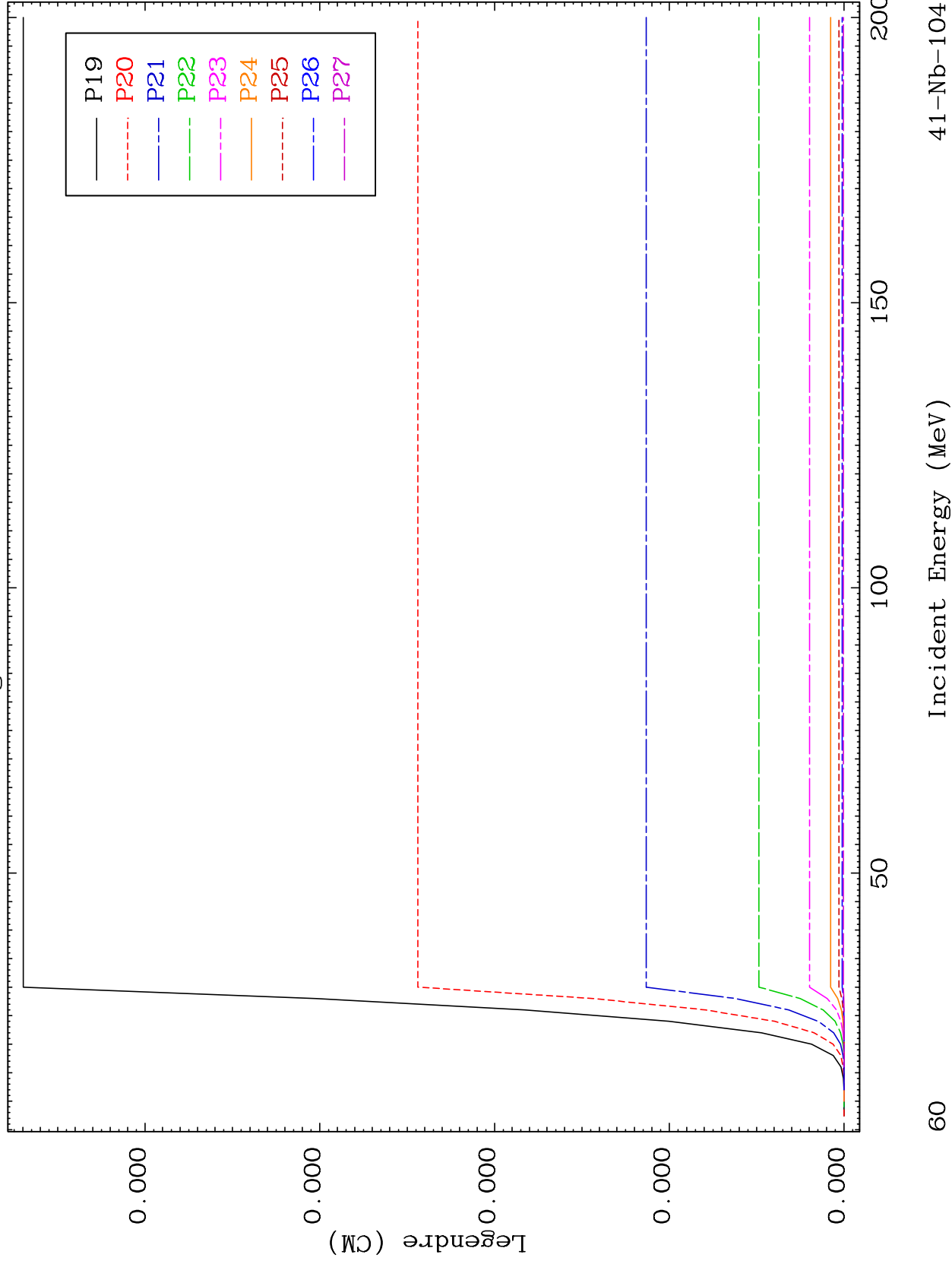
Incident Energy (MeV)

41-Nb-104

MAT 4158

523.6 keV (n,n') Level  
Legendre Coefficients

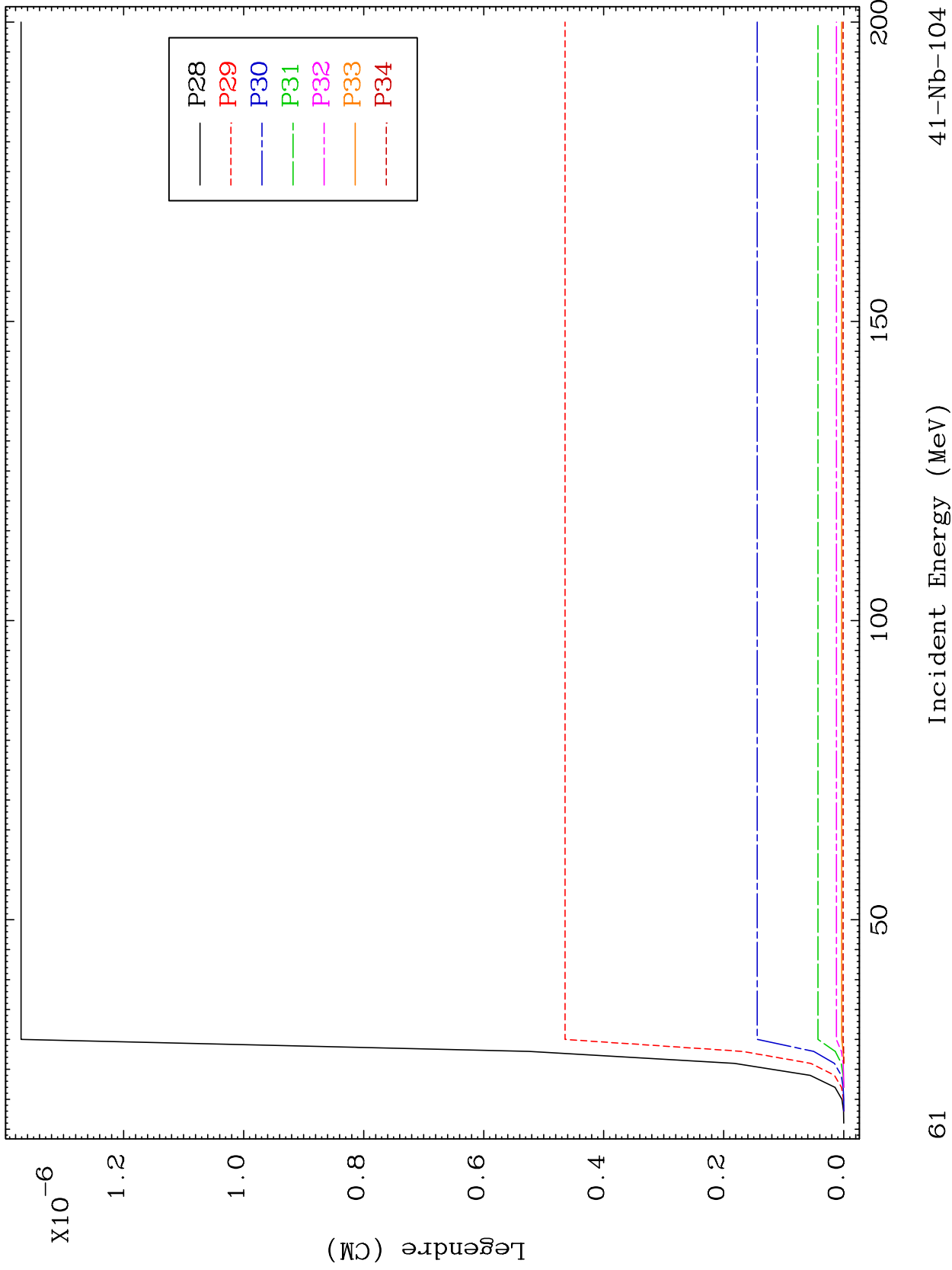
41-Nb-104



MAT 4158

523.6 keV (n,n') Level  
Legendre Coefficients

41-Nb-104



61

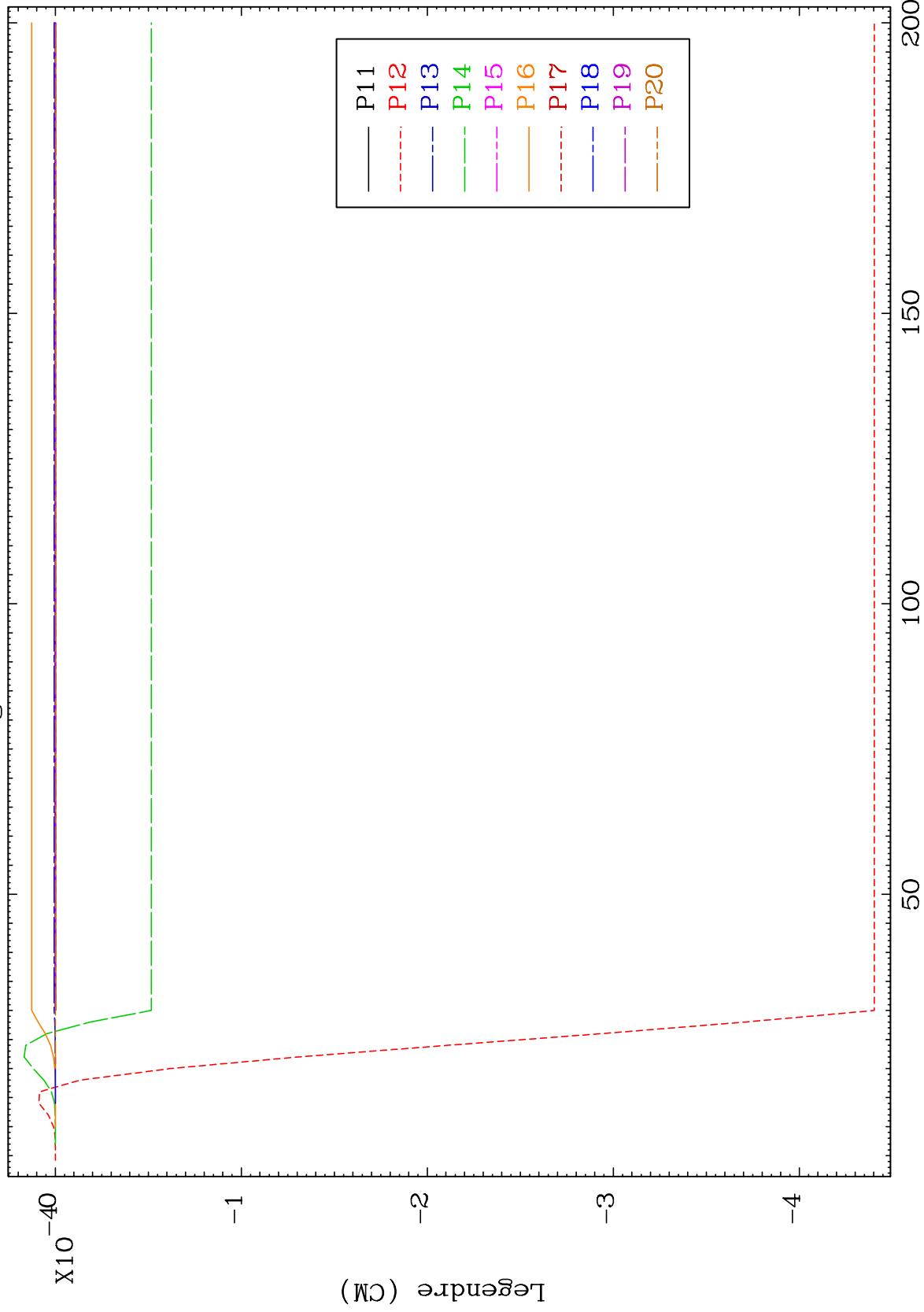
41-Nb-104



MAT 4158

530.1 keV (n,n') Level  
Legendre Coefficients

41-Nb-104



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Incident Energy (MeV)

41-Nb-104

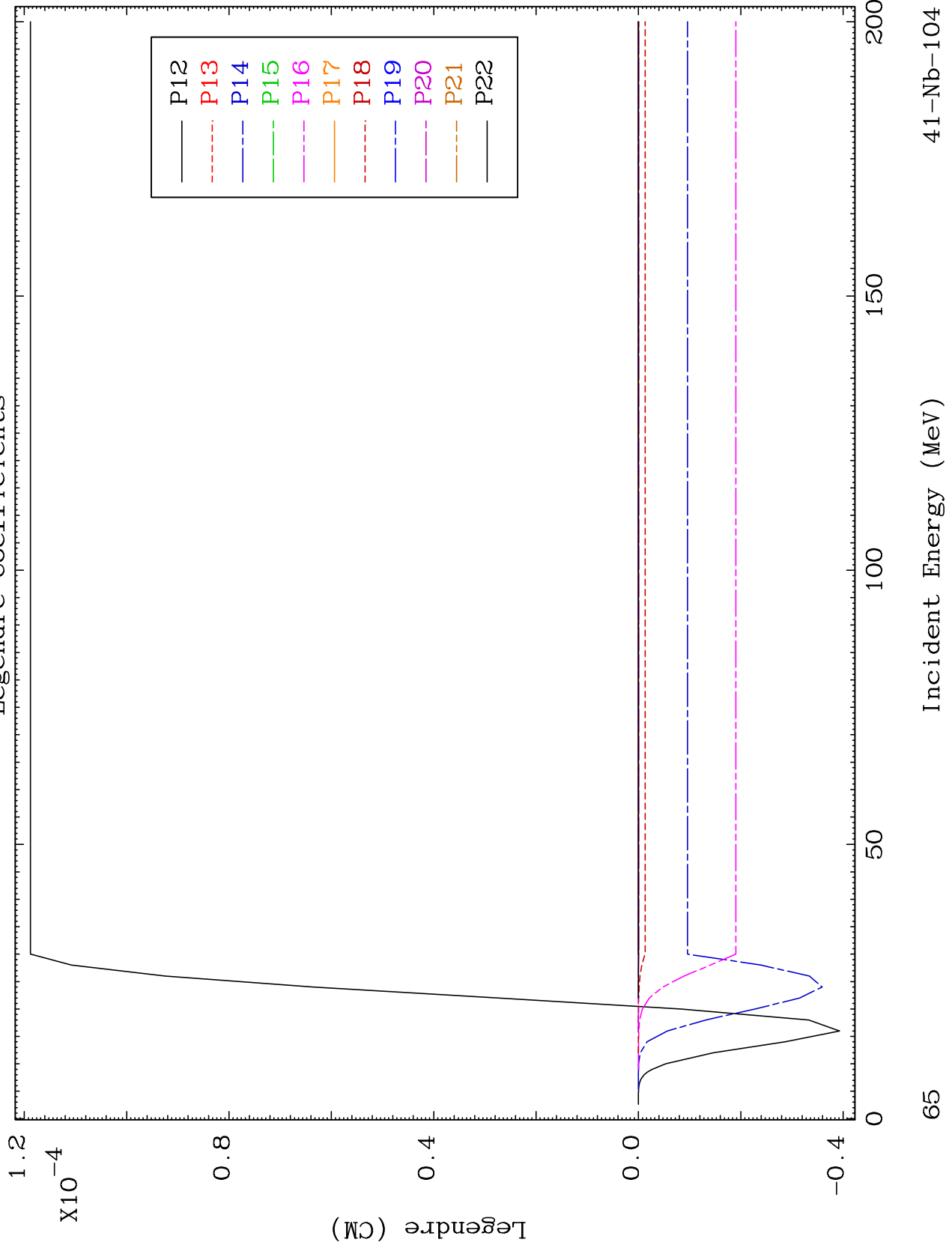




MAT 4158

534.4 keV (n,n') Level  
Legendre Coefficients

41-Nb-104



41-Nb-104

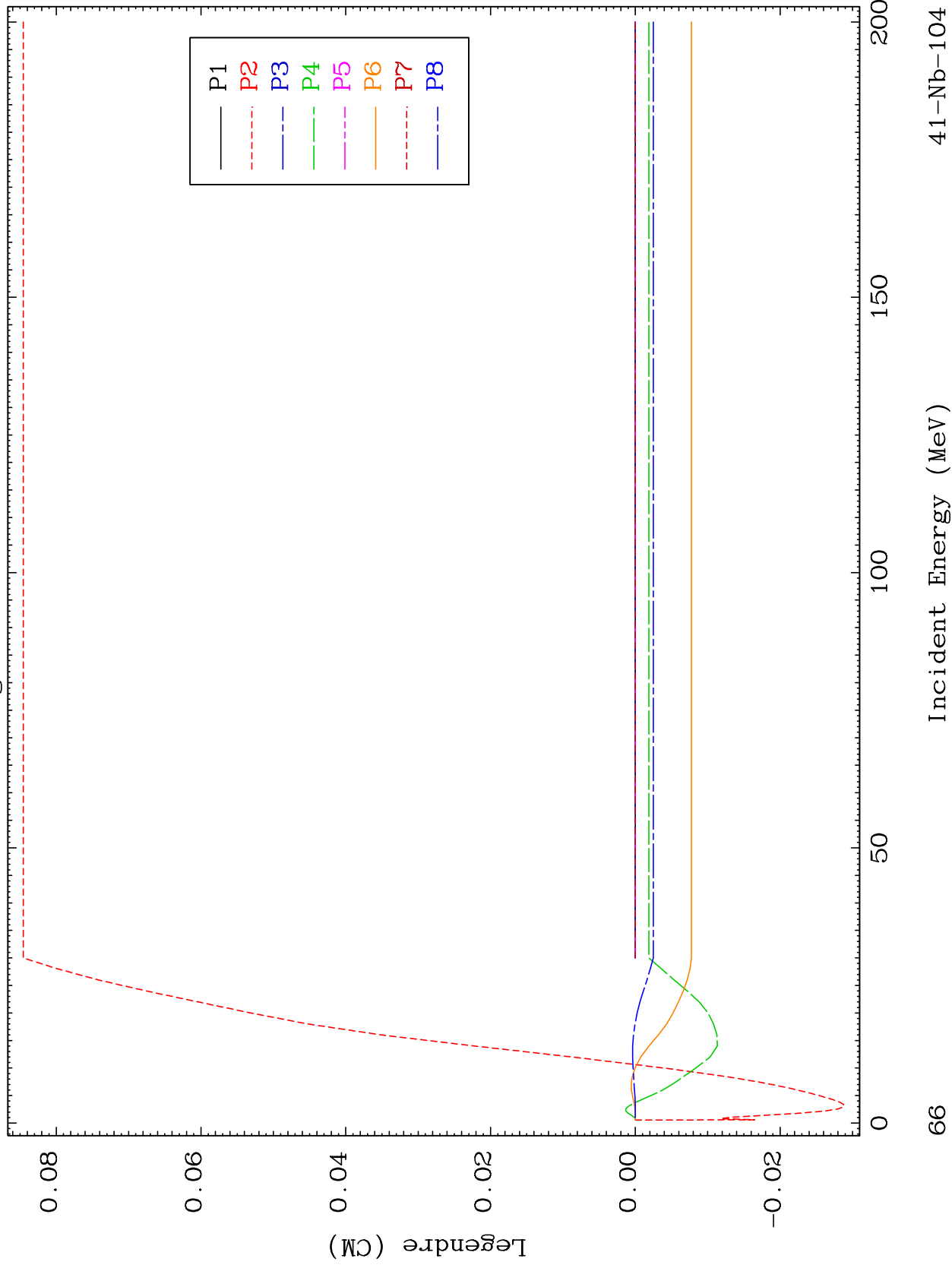
Incident Energy (MeV)

65

MAT 4158

537.6 keV (n,n') Level  
Legendre Coefficients

41-Nb-104



41-Nb-104

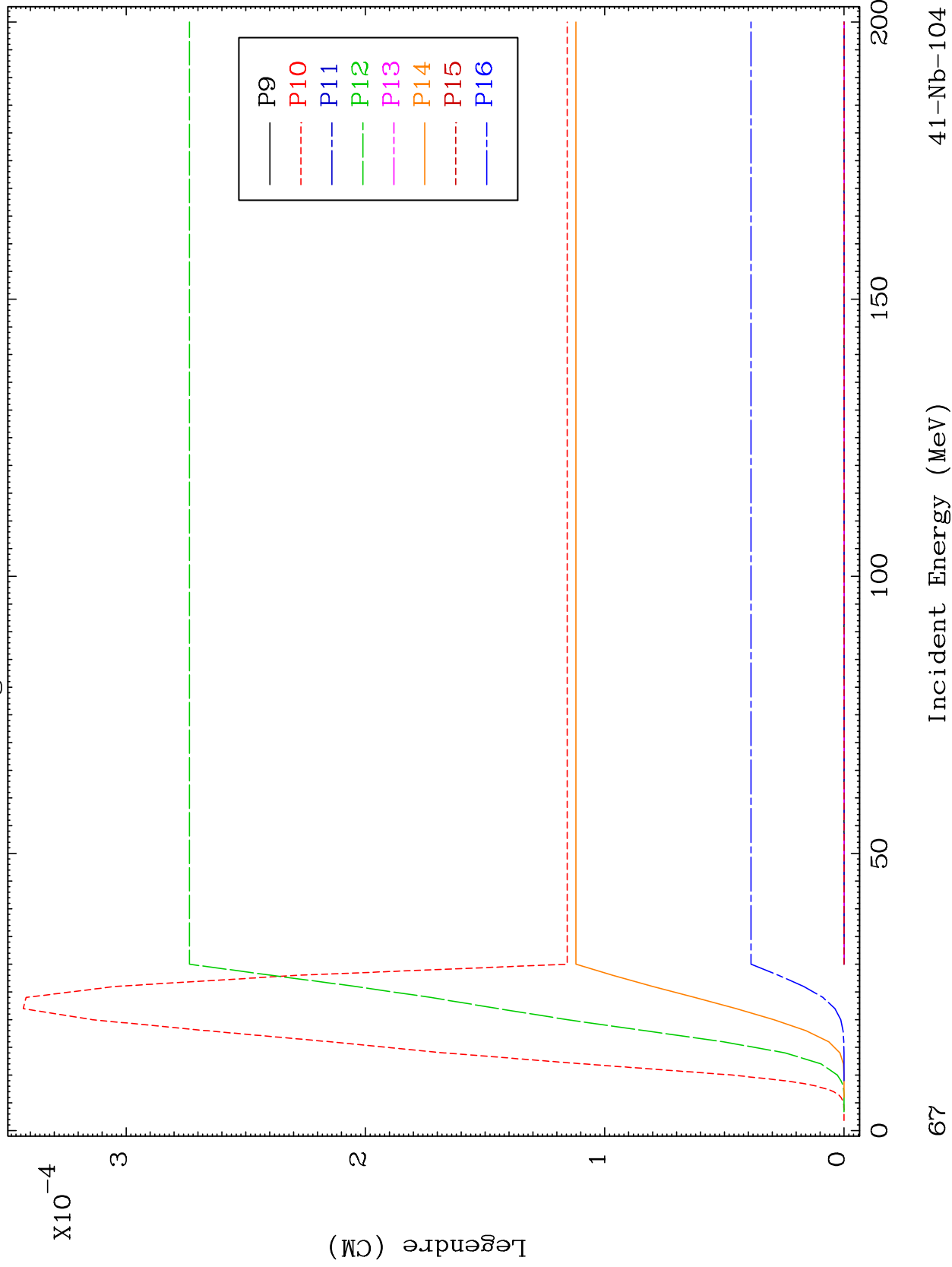
Incident Energy (MeV)

66

MAT 4158

537.6 keV (n,n') Level  
Legendre Coefficients

41-Nb-104



67

Incident Energy (MeV)

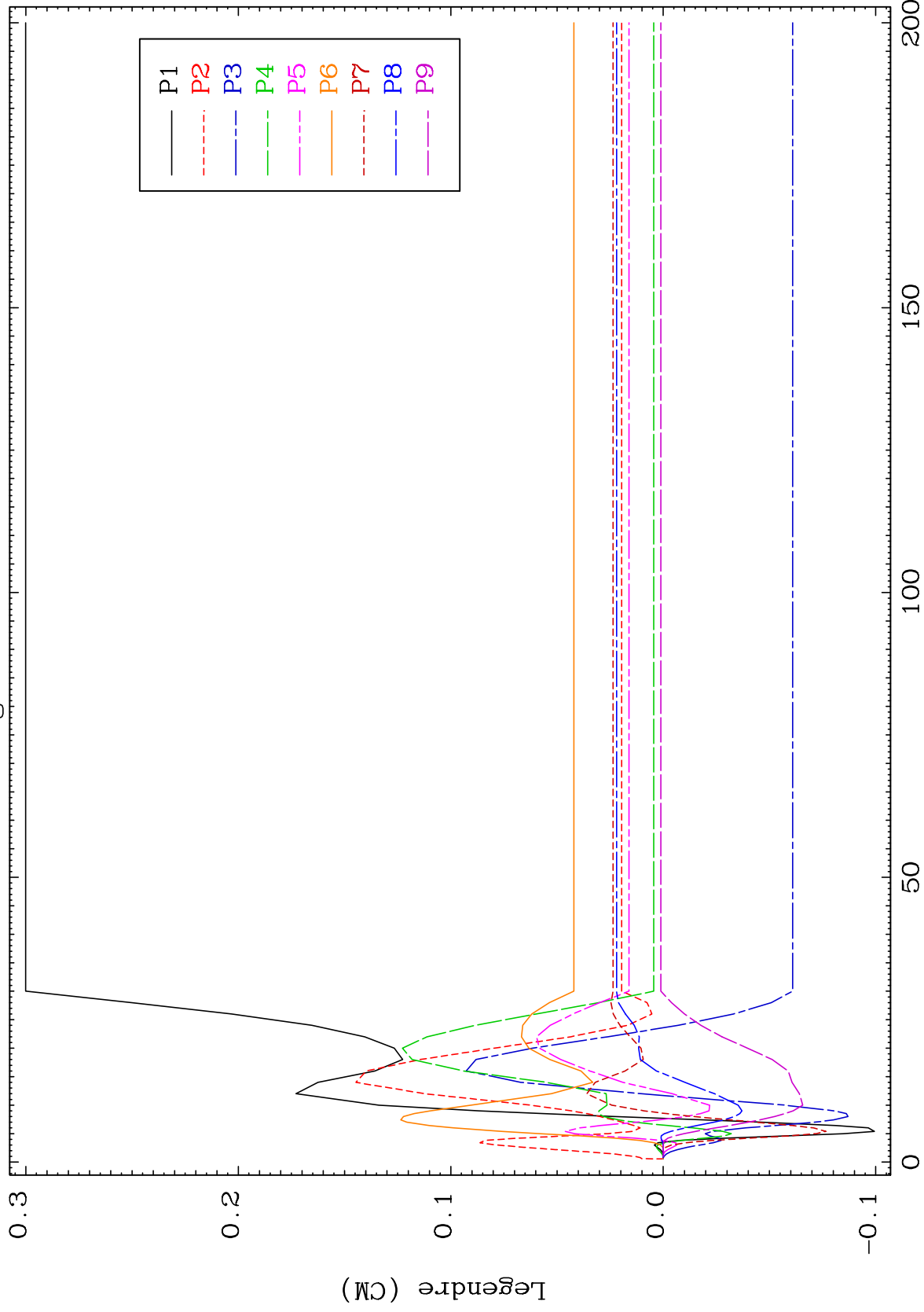
41-Nb-104



MAT 4158

547.3 keV (n,n') Level  
Legendre Coefficients

41-Nb-104



69

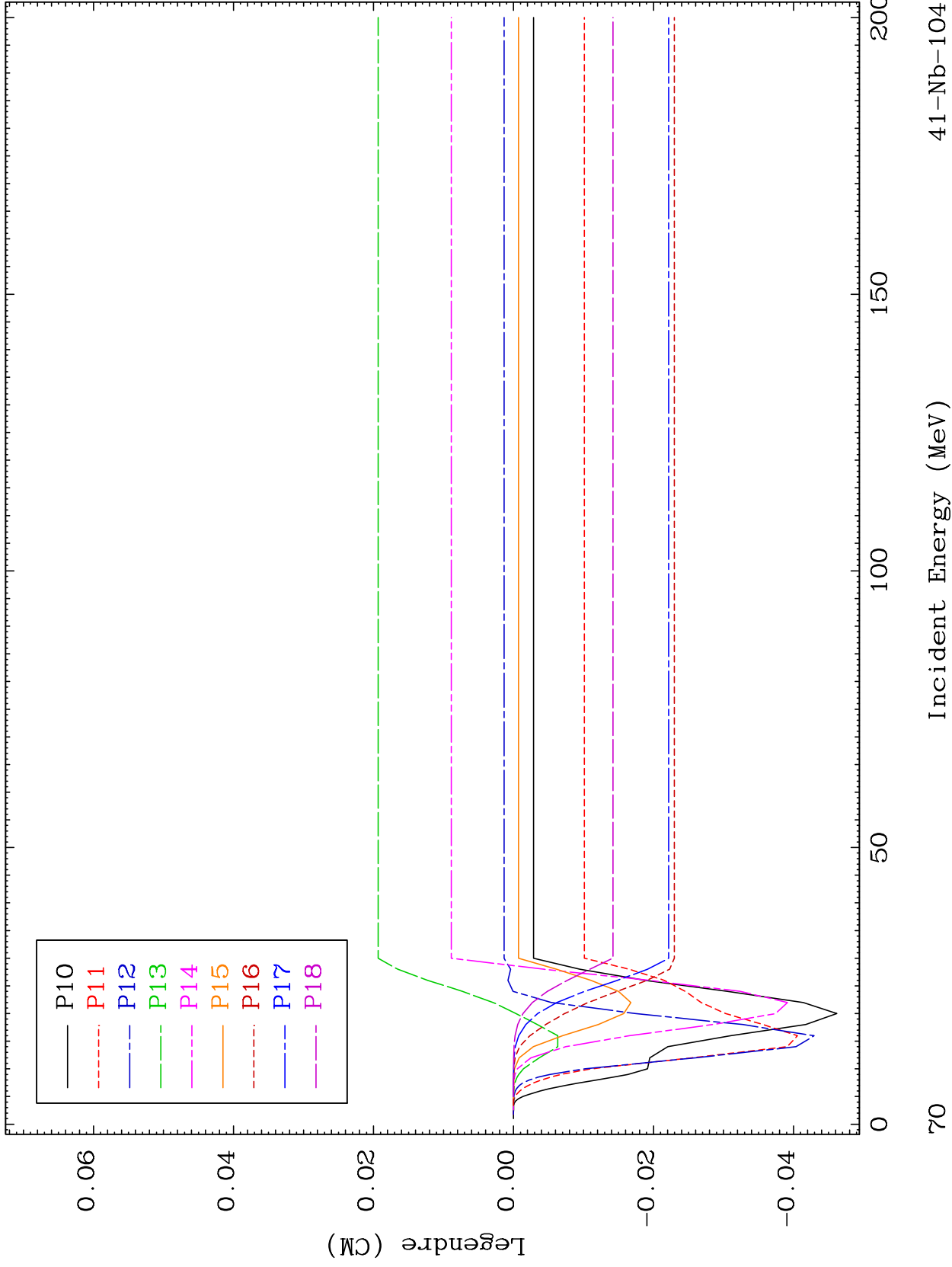
Incident Energy (MeV)

41-Nb-104

MAT 4158

547.3 keV (n,n') Level  
Legendre Coefficients

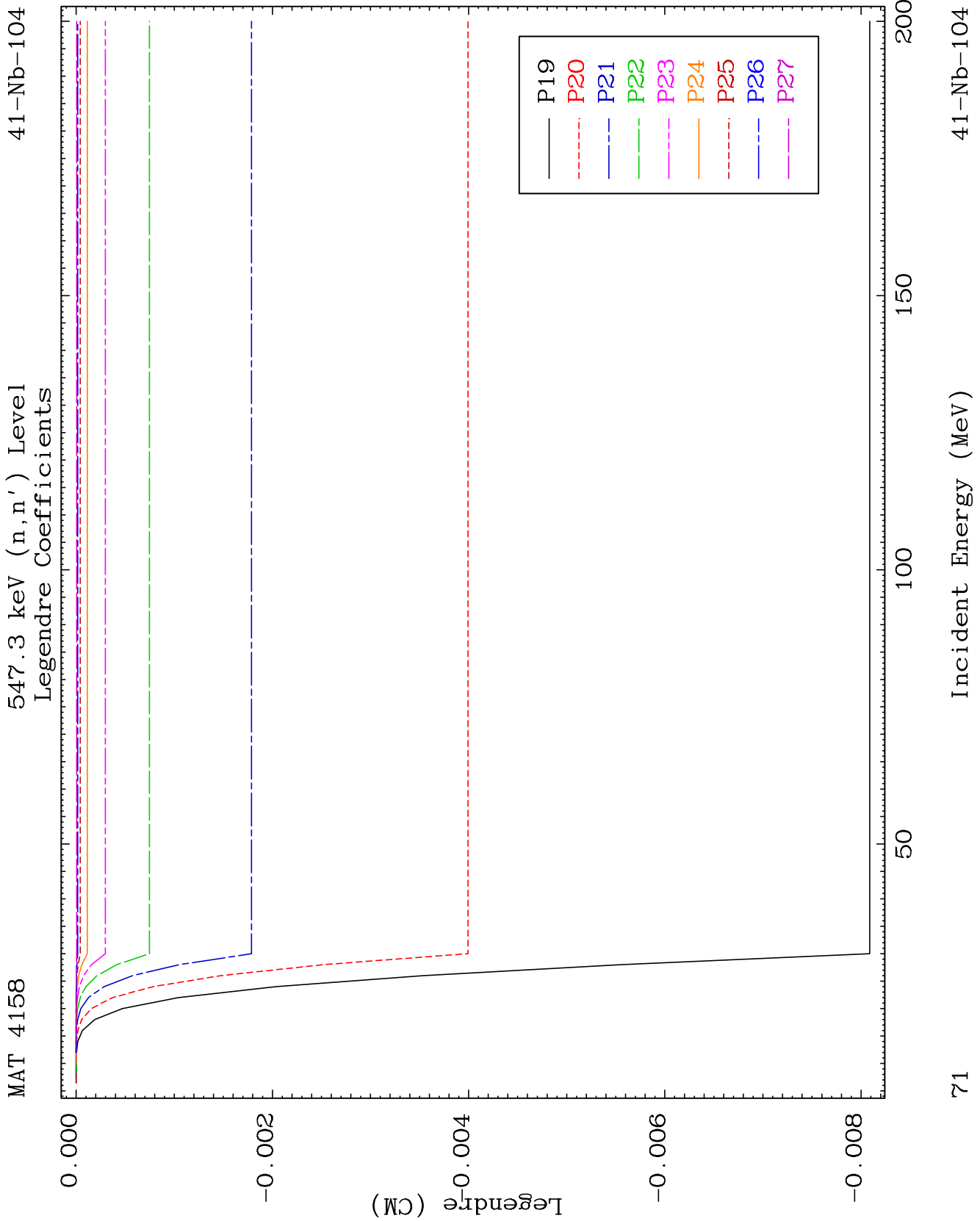
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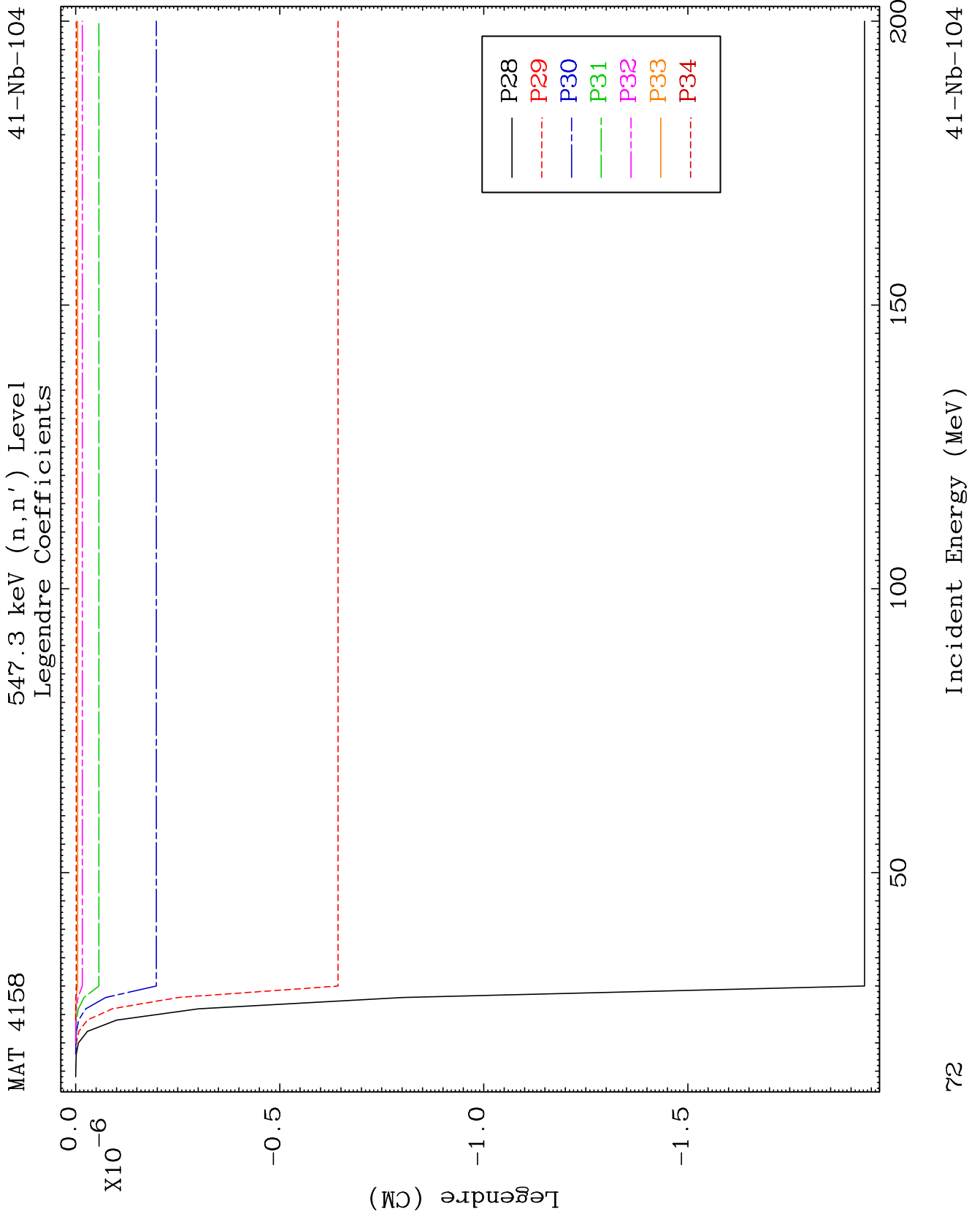
41-Nb-104

Incident Energy (MeV)

70



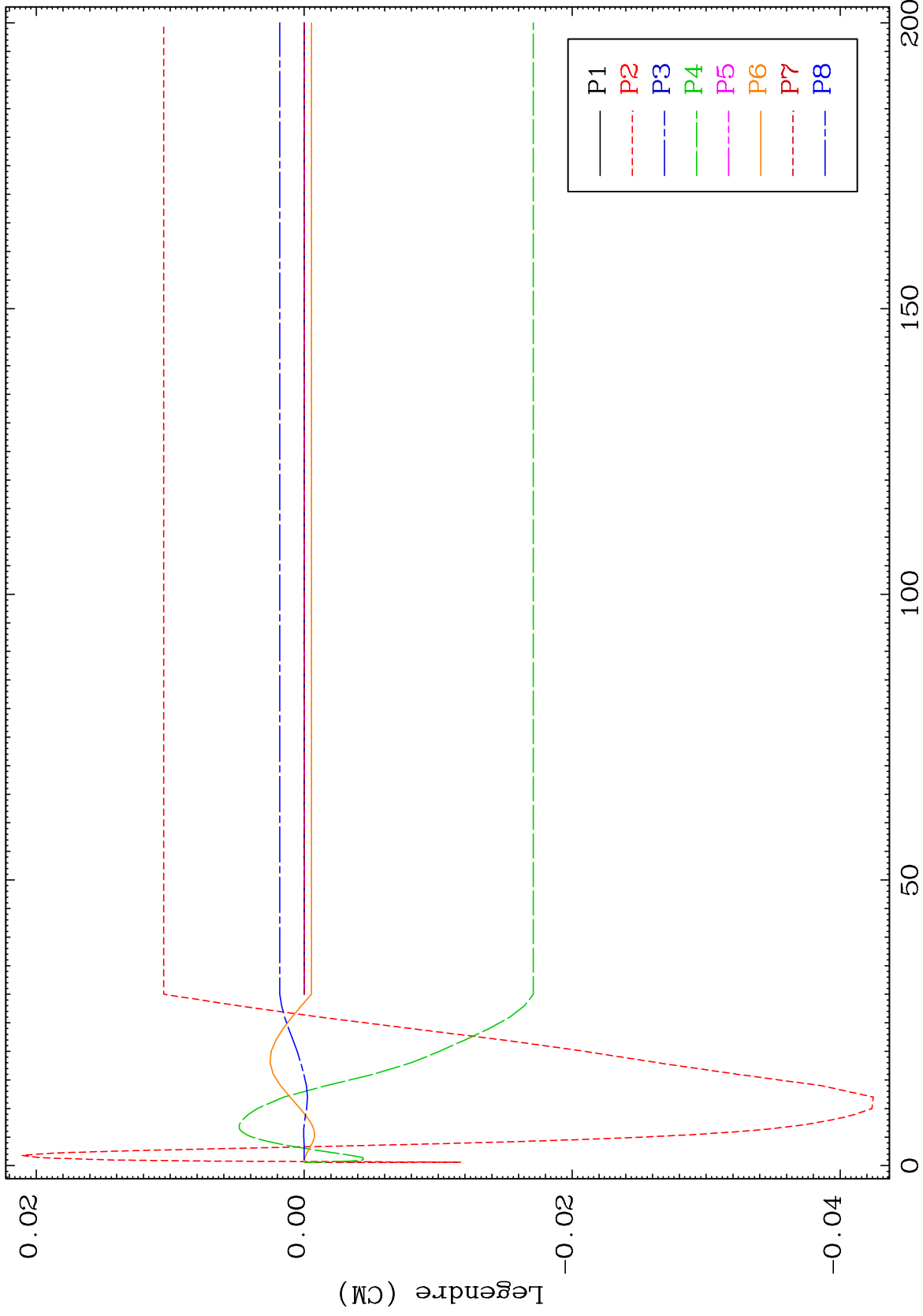




MAT 4158

550.7 keV (n,n') Level  
Legendre Coefficients

41-Nb-104



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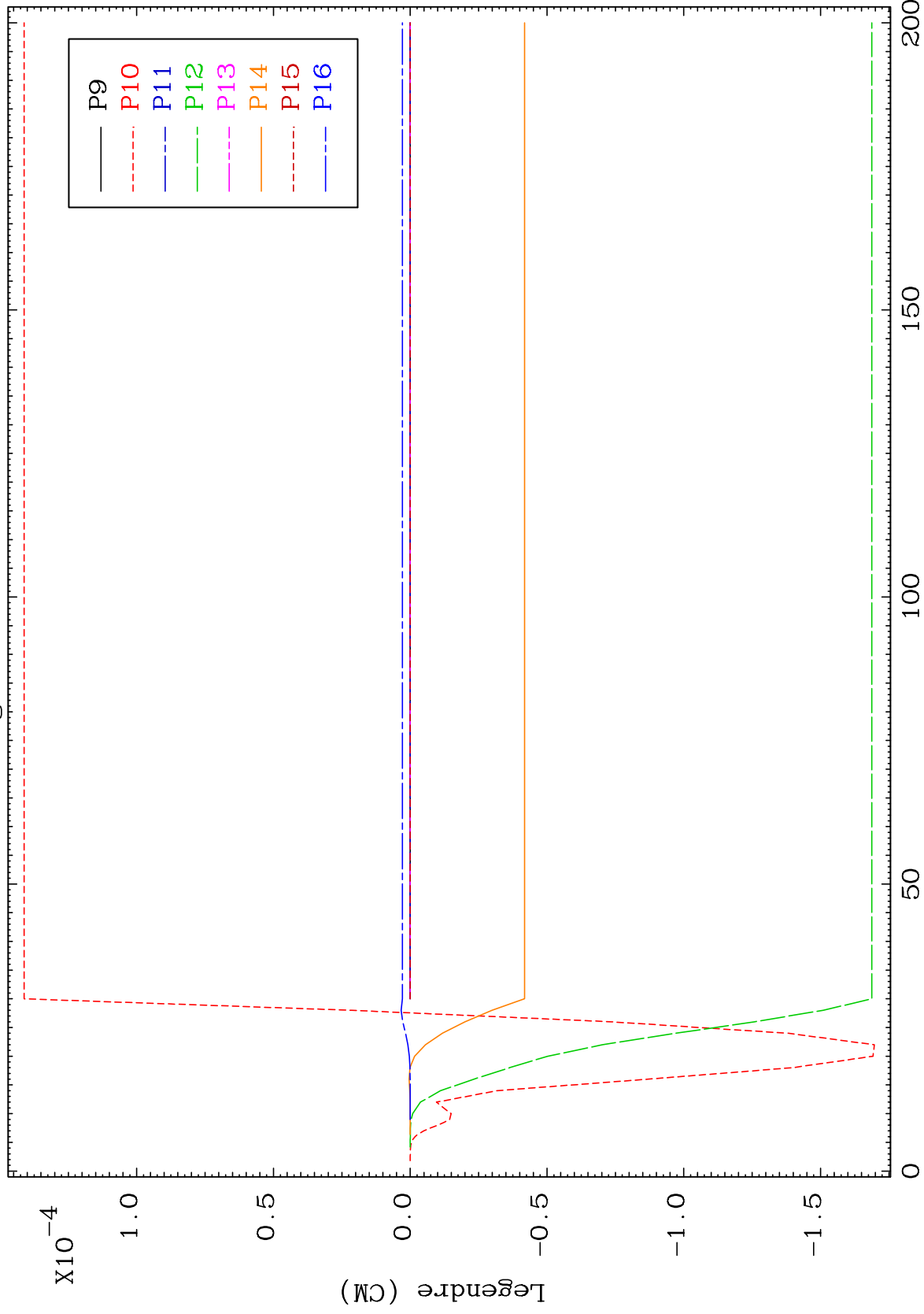
Incident Energy (MeV)

41-Nb-104

MAT 4158

550.7 keV (n,n') Level  
Legendre Coefficients

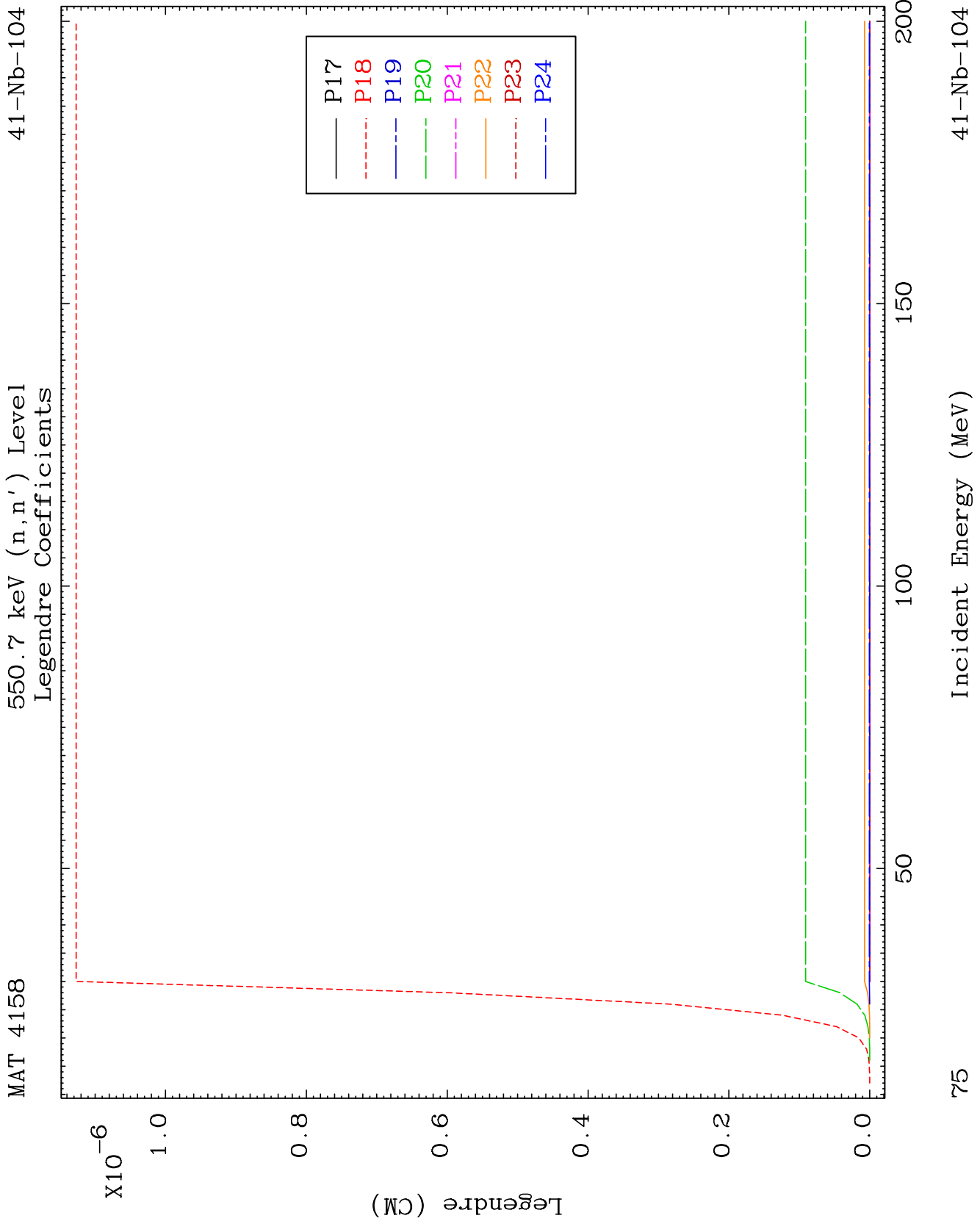
41-Nb-104



74

Incident Energy (MeV)

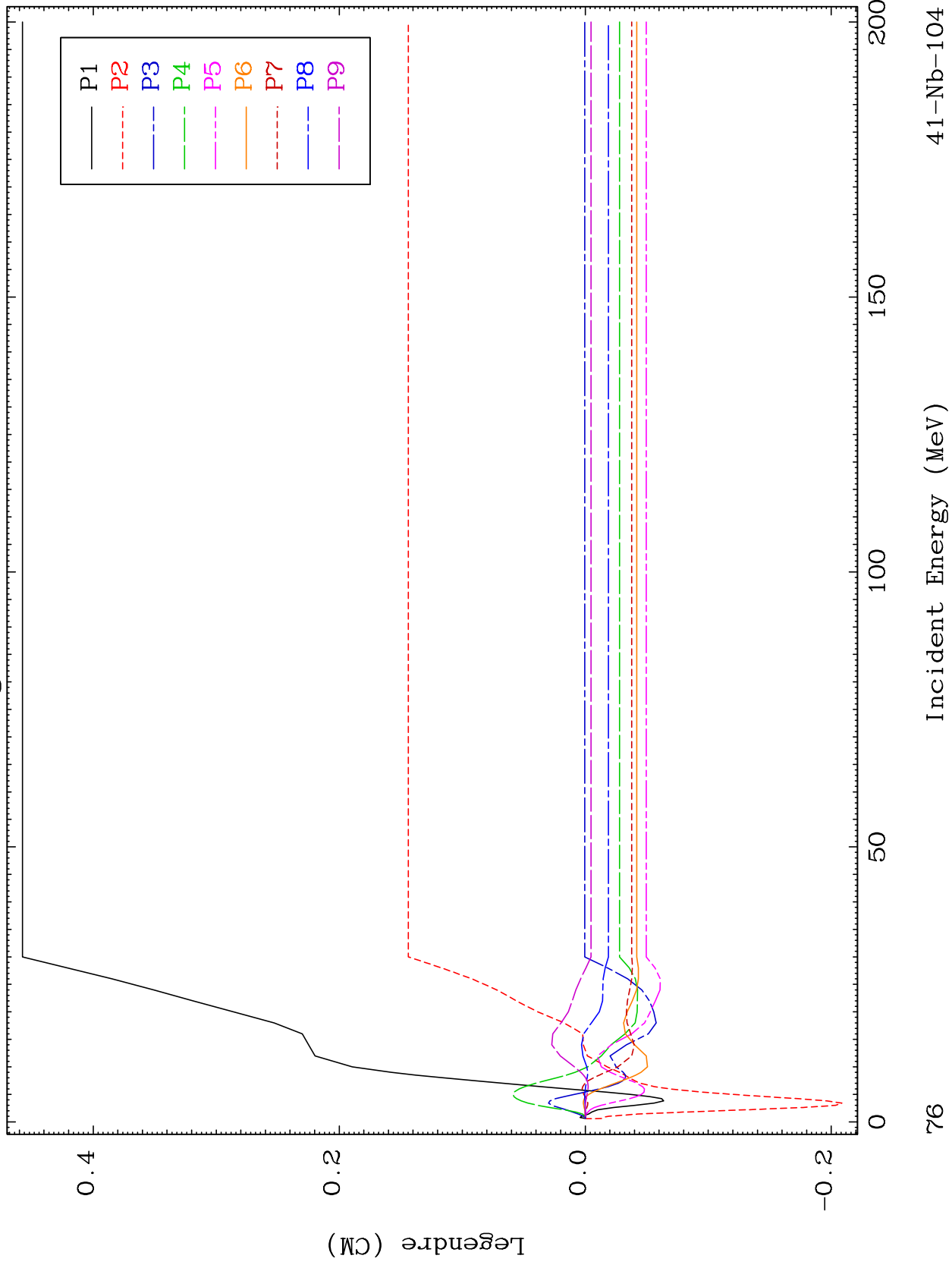
41-Nb-104



MAT 4158

553.4 keV (n, n') Level  
Legendre Coefficients

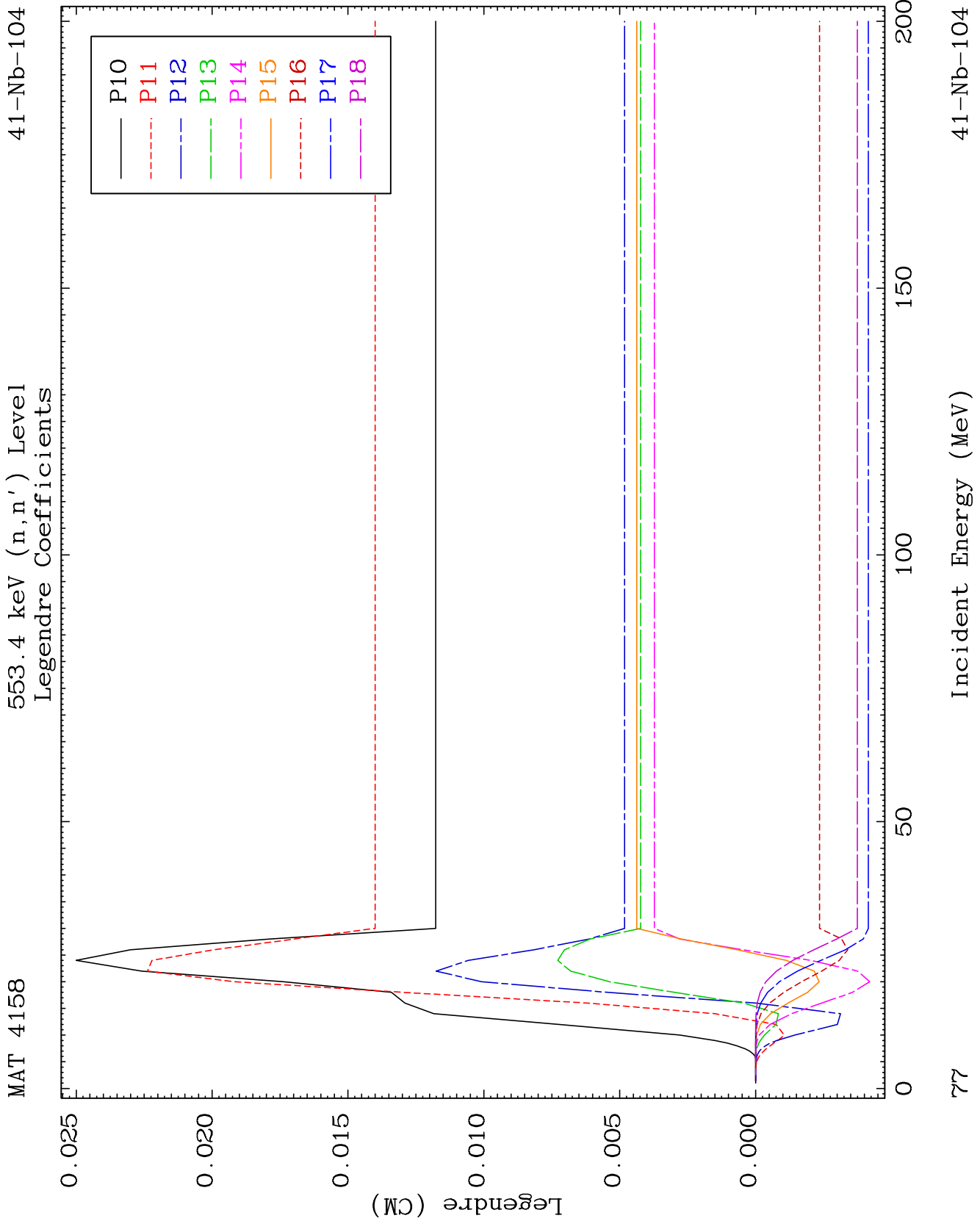
41-Nb-104

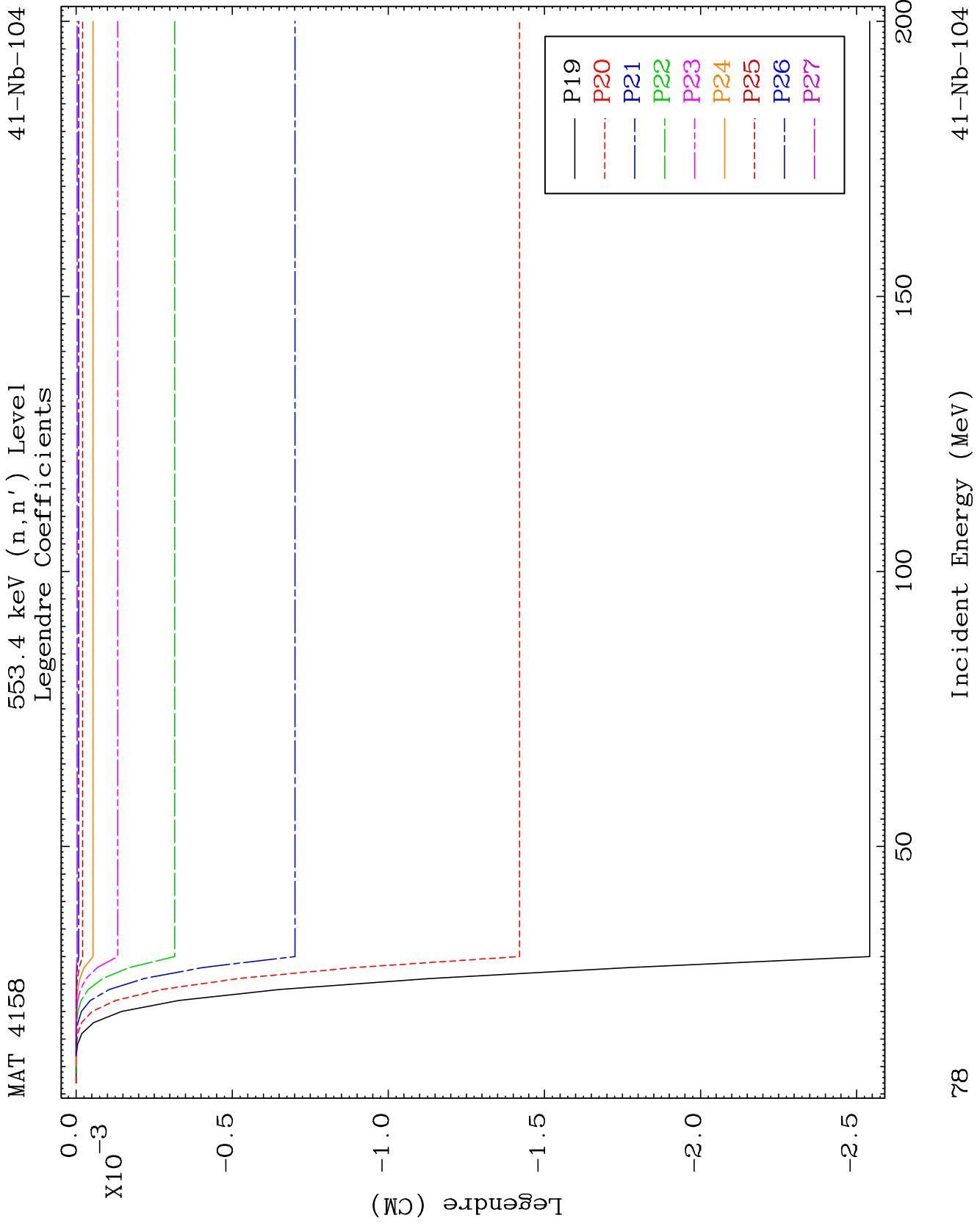


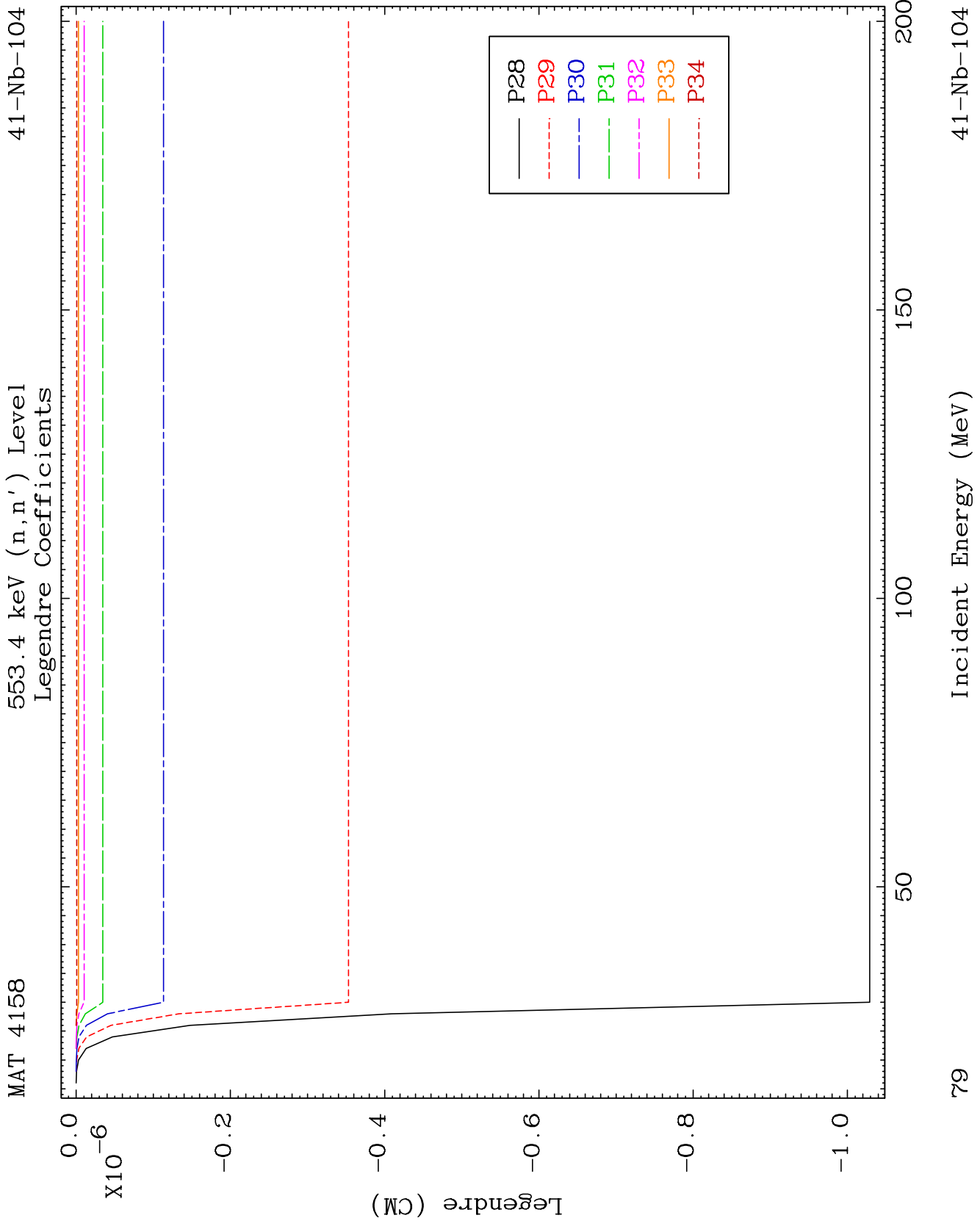
41-Nb-104

Incident Energy (MeV)

76







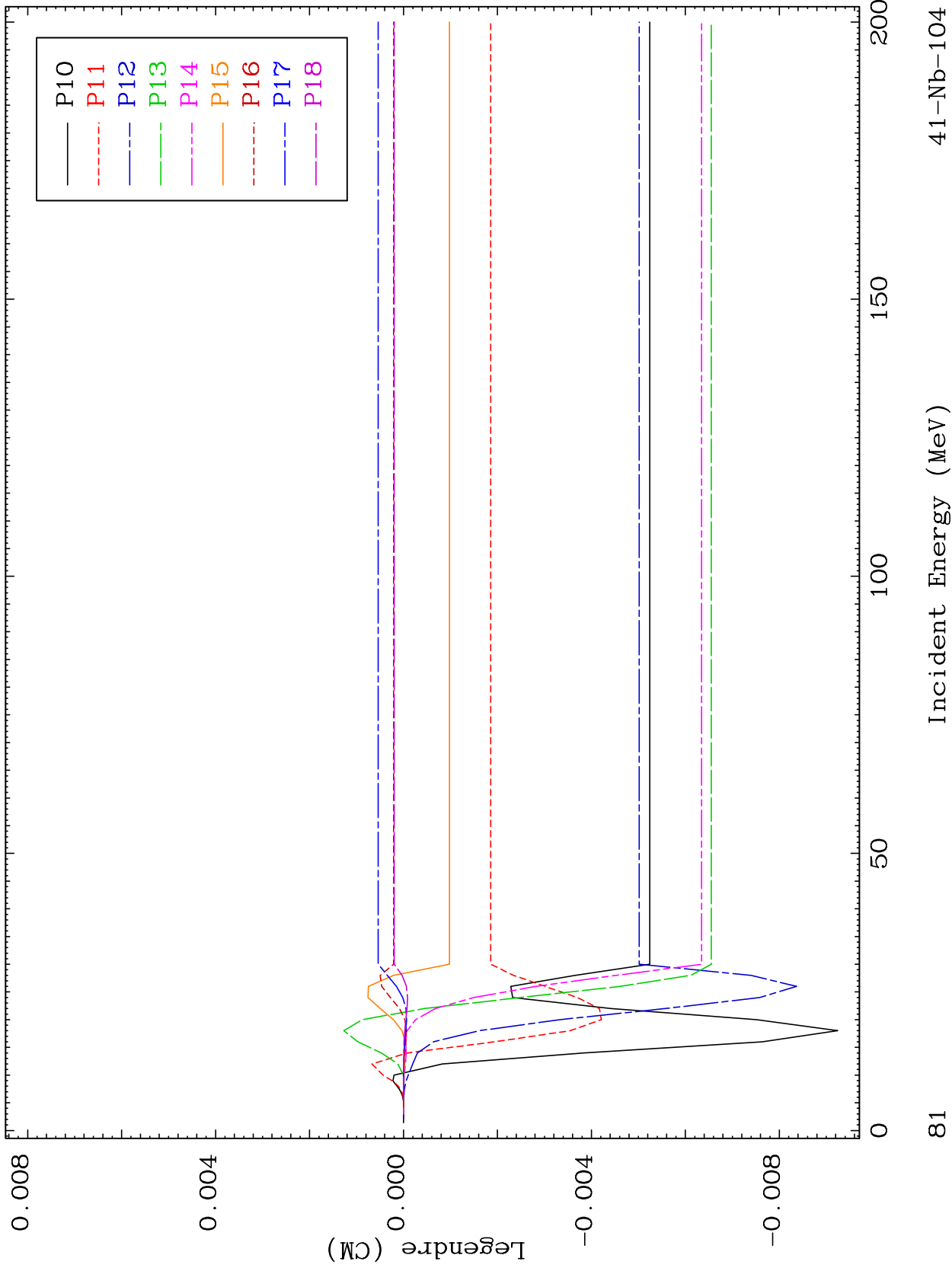




MAT 4158

593.5 keV (n,n') Level  
Legendre Coefficients

41-Nb-104



81

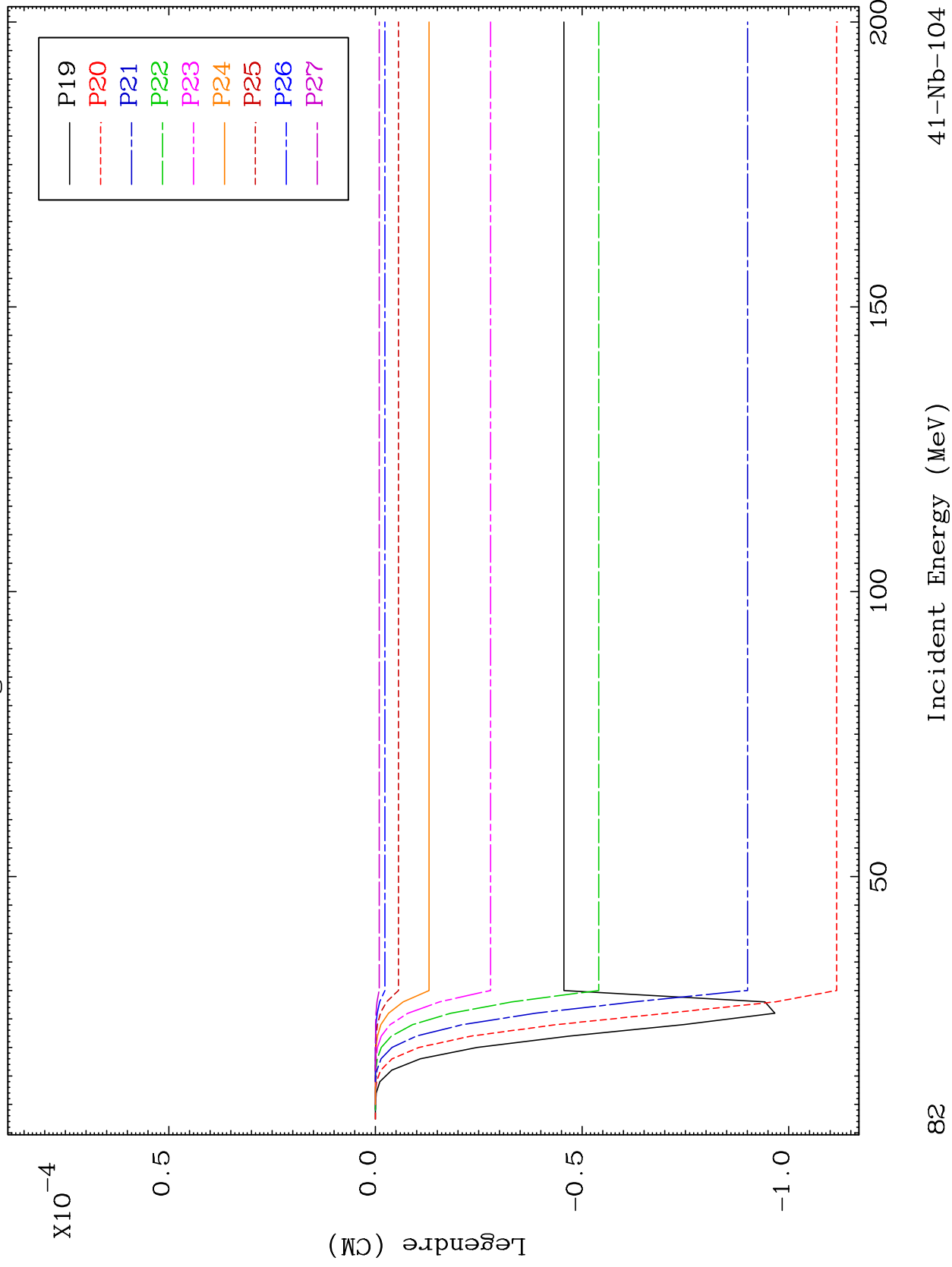
Incident Energy (MeV)

41-Nb-104

MAT 4158

593.5 keV (n,n') Level  
Legendre Coefficients

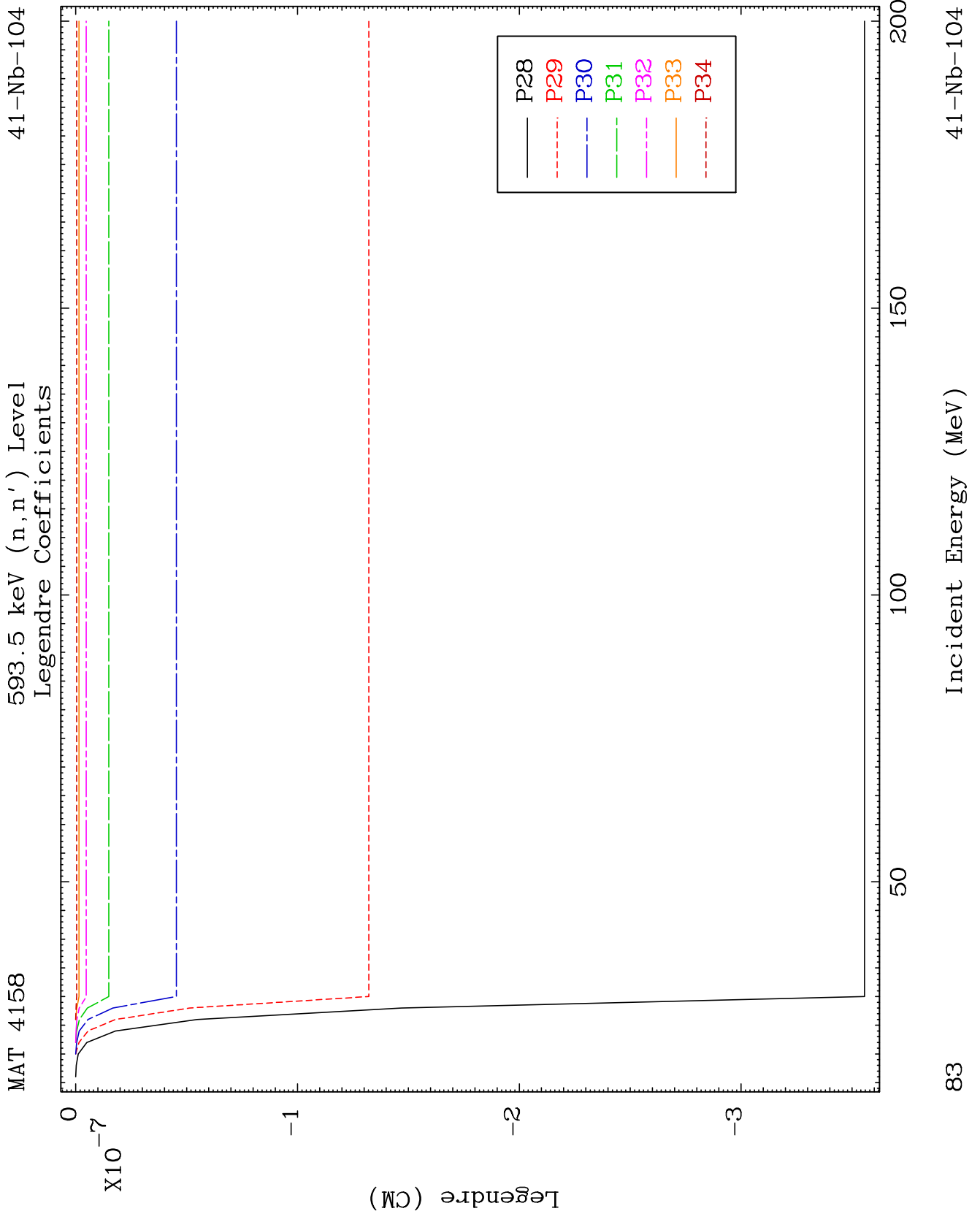
41-Nb-104



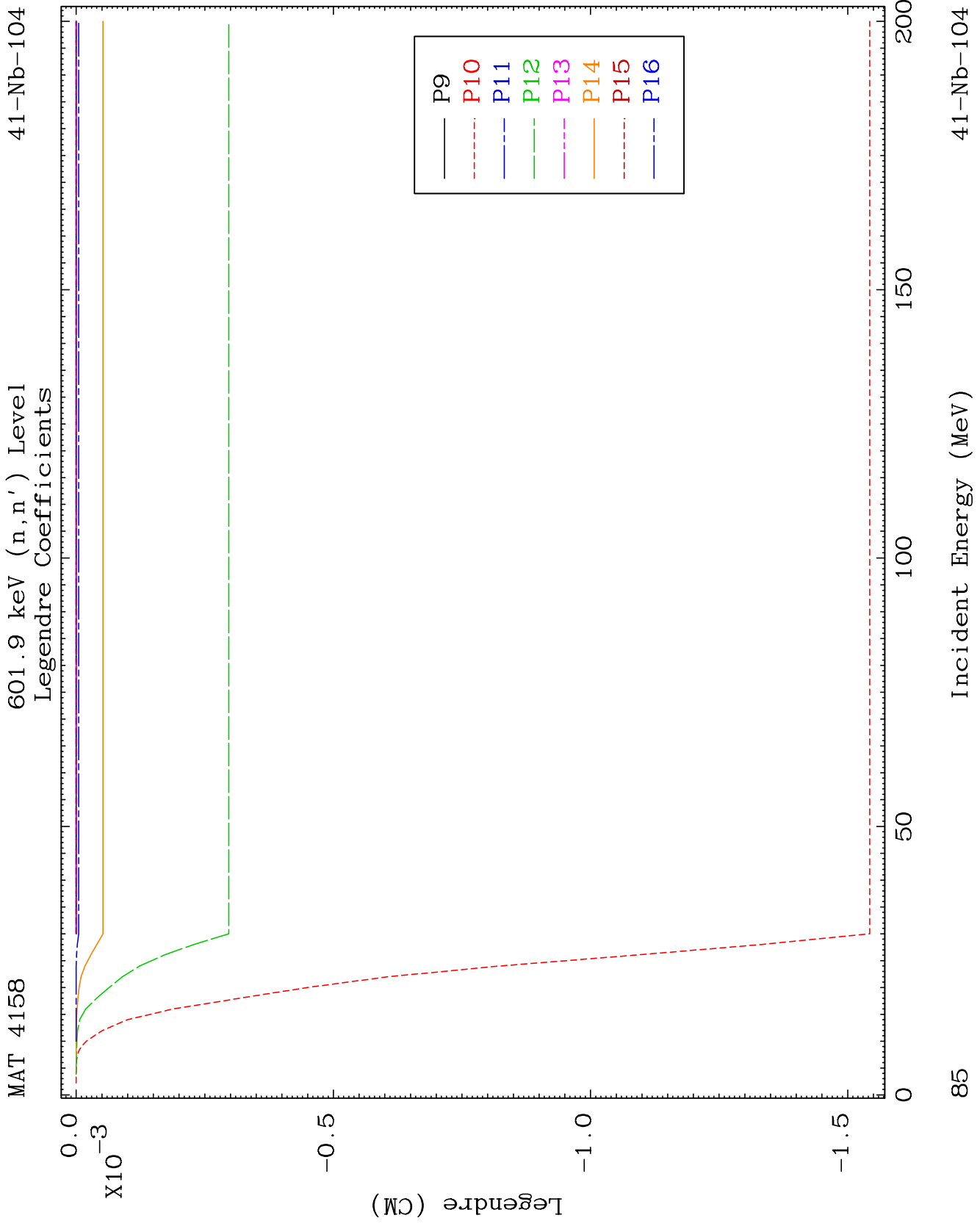
82

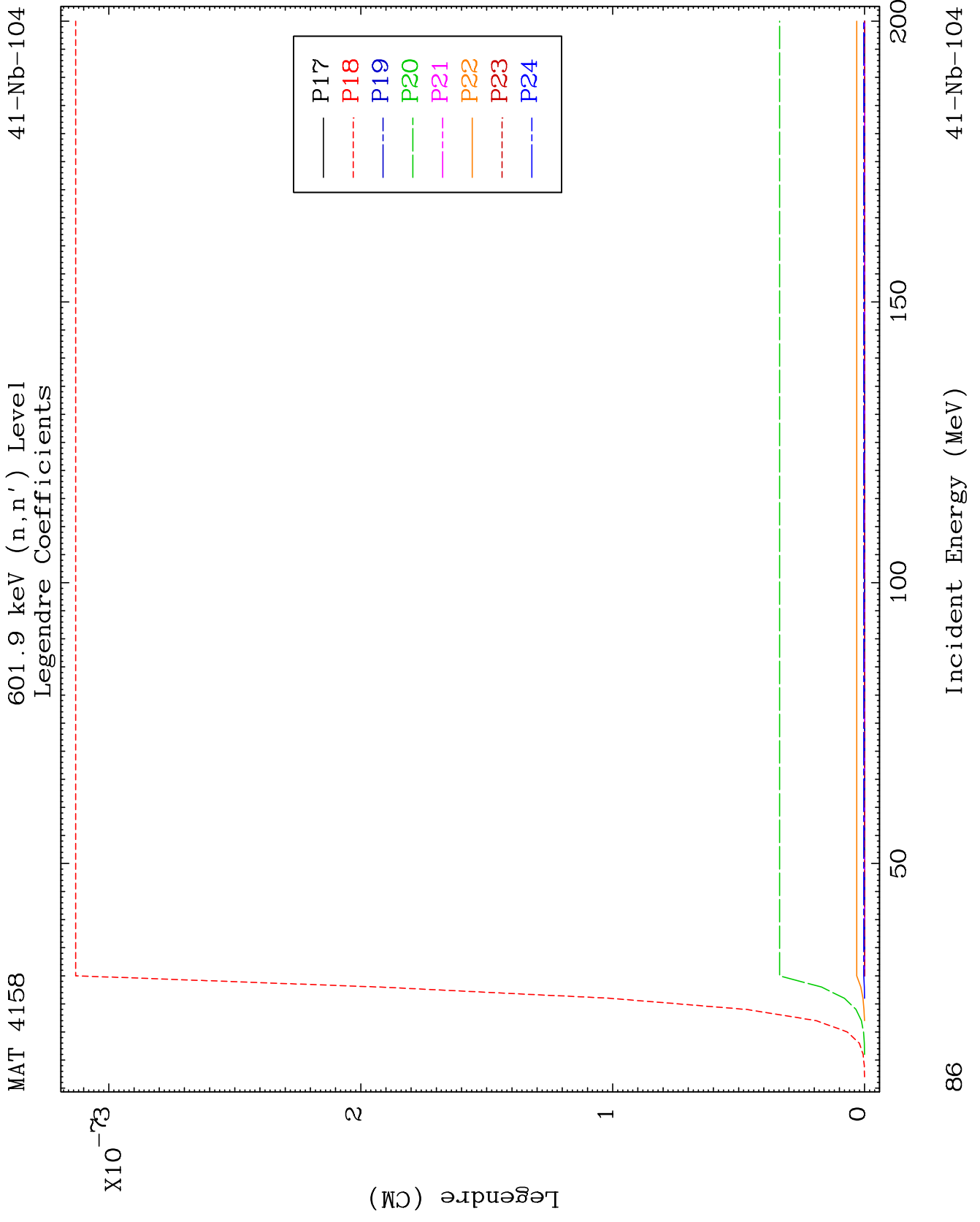
Incident Energy (MeV)

41-Nb-104





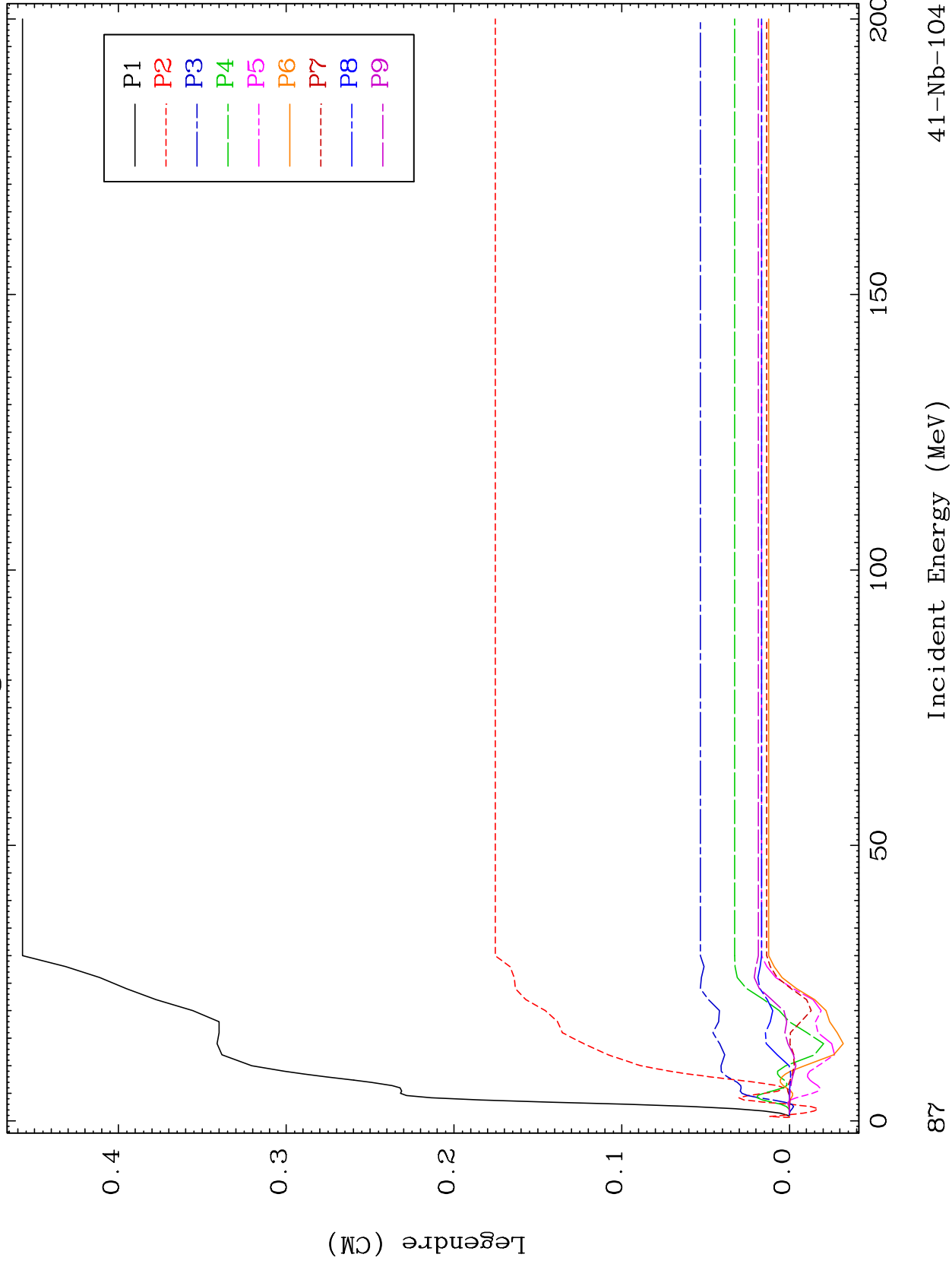




MAT 4158

605.0 keV (n,n') Level  
Legendre Coefficients

41-Nb-104

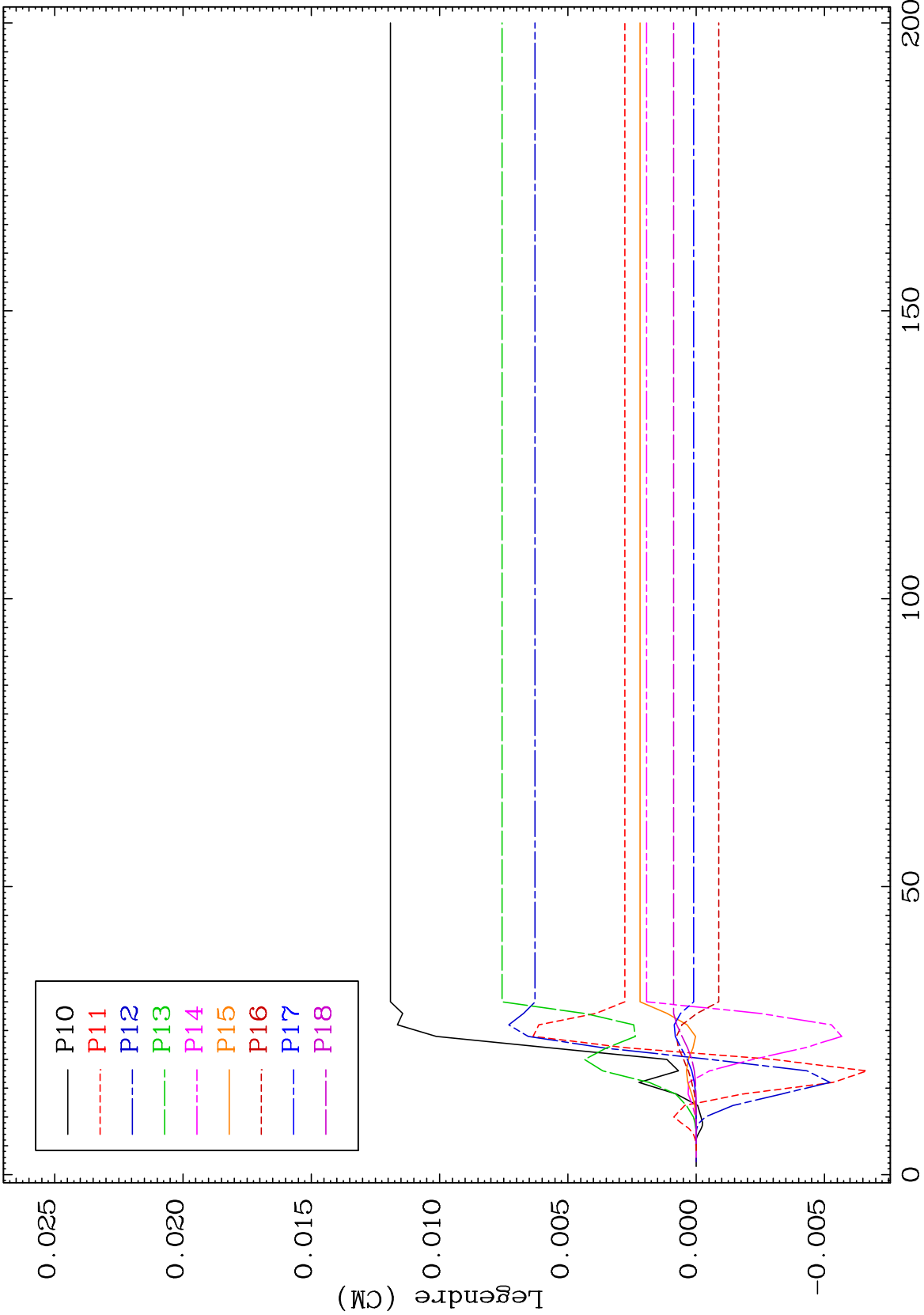




MAT 4158

605.0 keV (n,n') Level  
Legendre Coefficients

41-Nb-104



88

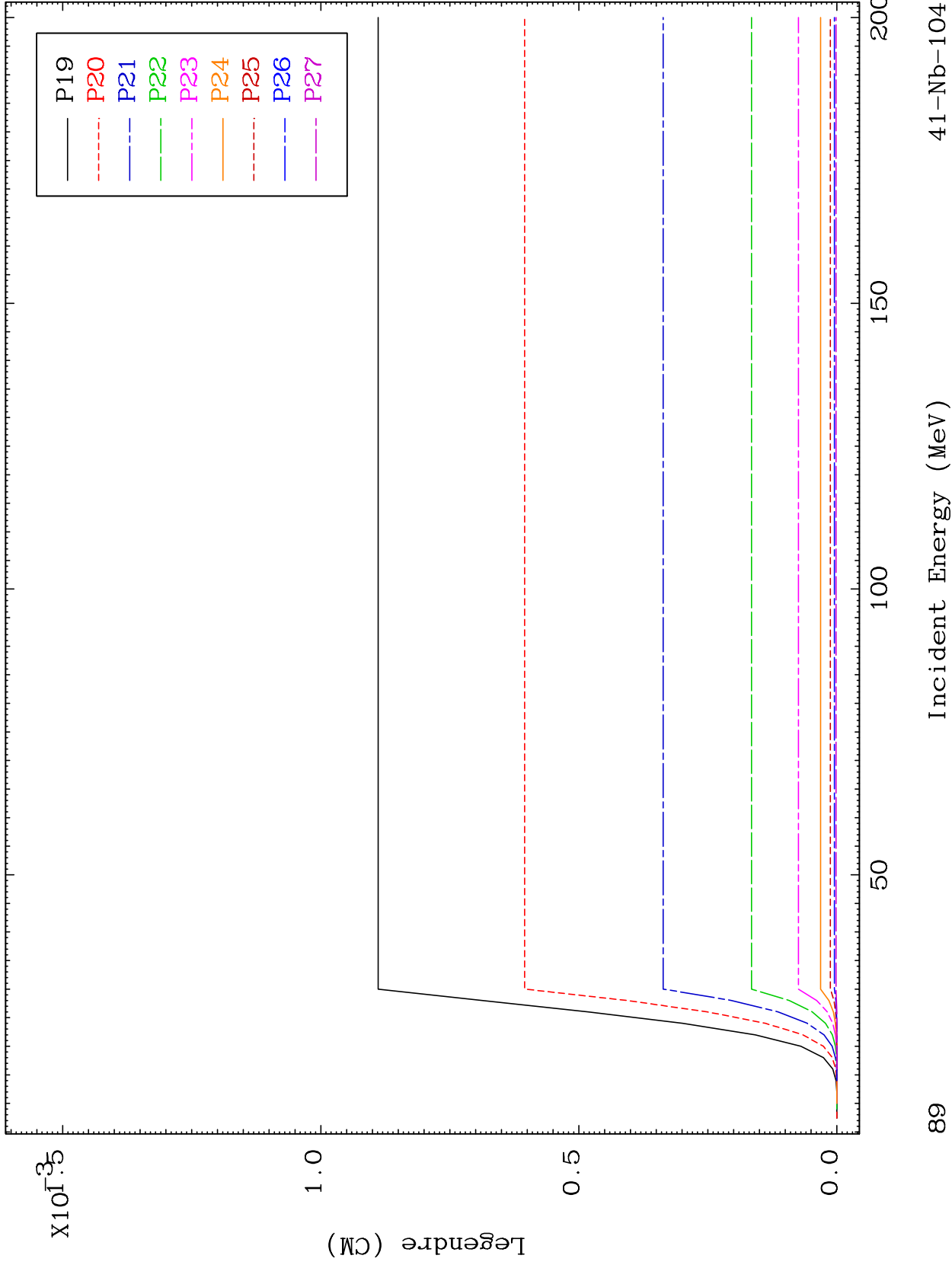
Incident Energy (MeV)

41-Nb-104

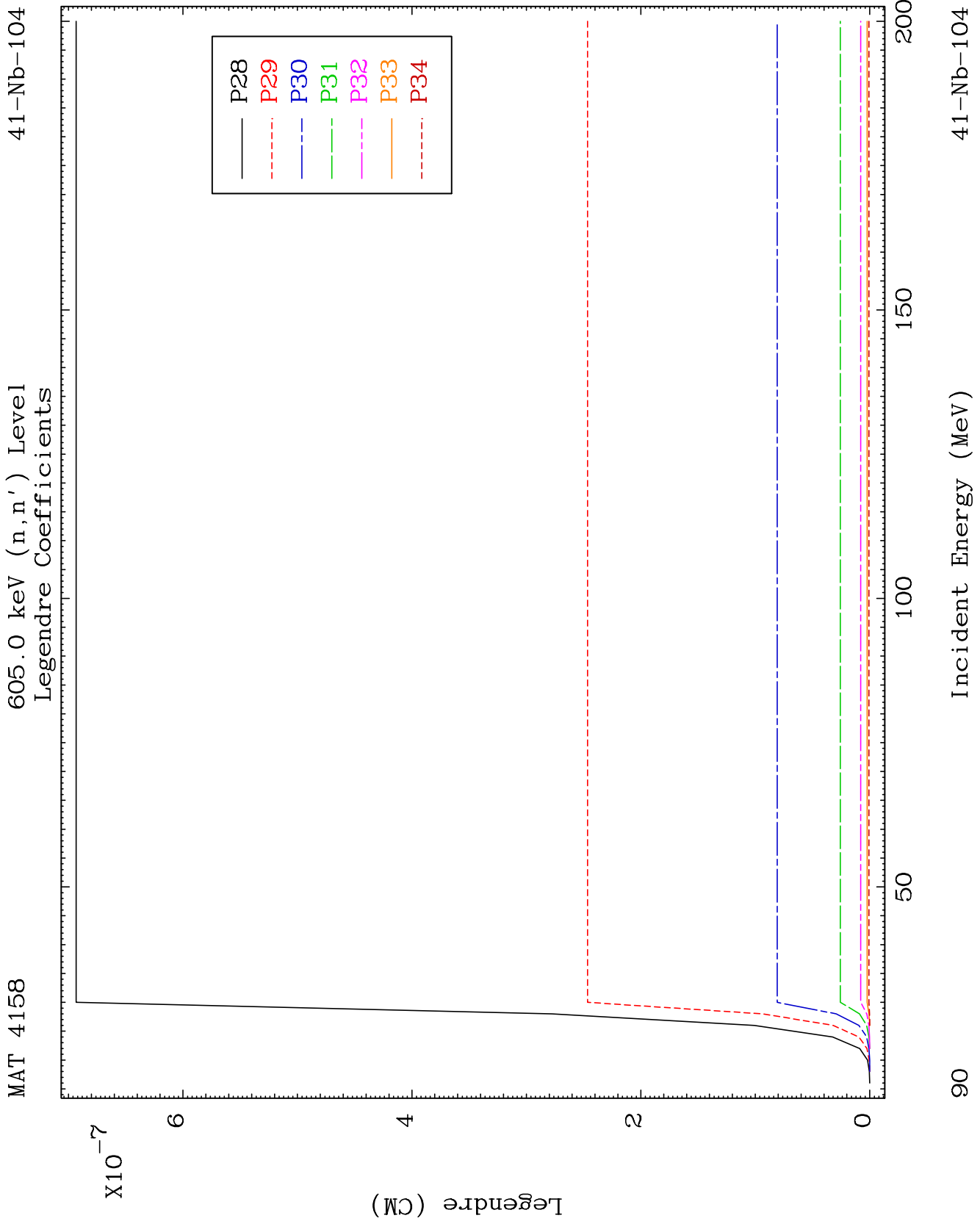
MAT 4158

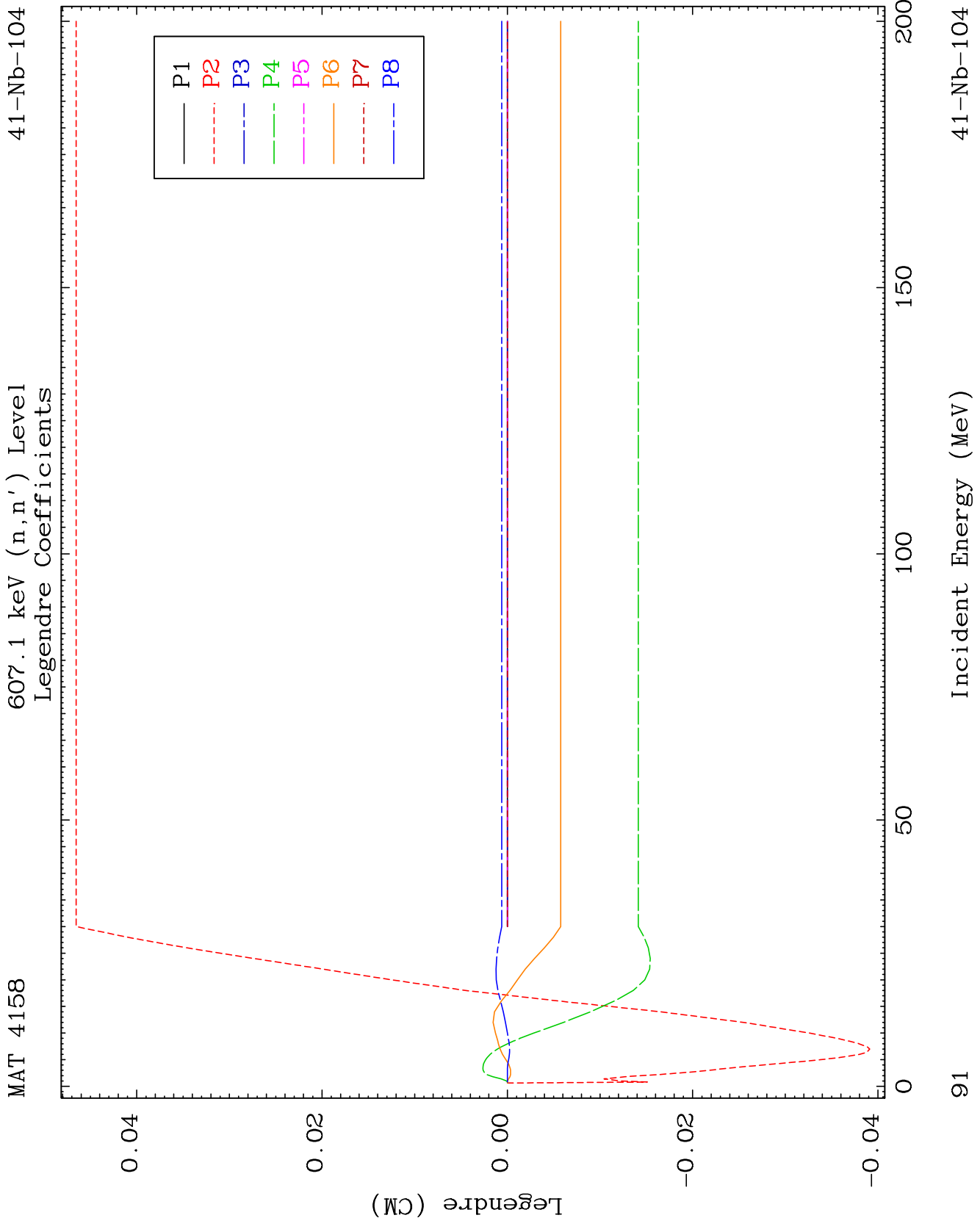
605.0 keV (n,n') Level  
Legendre Coefficients

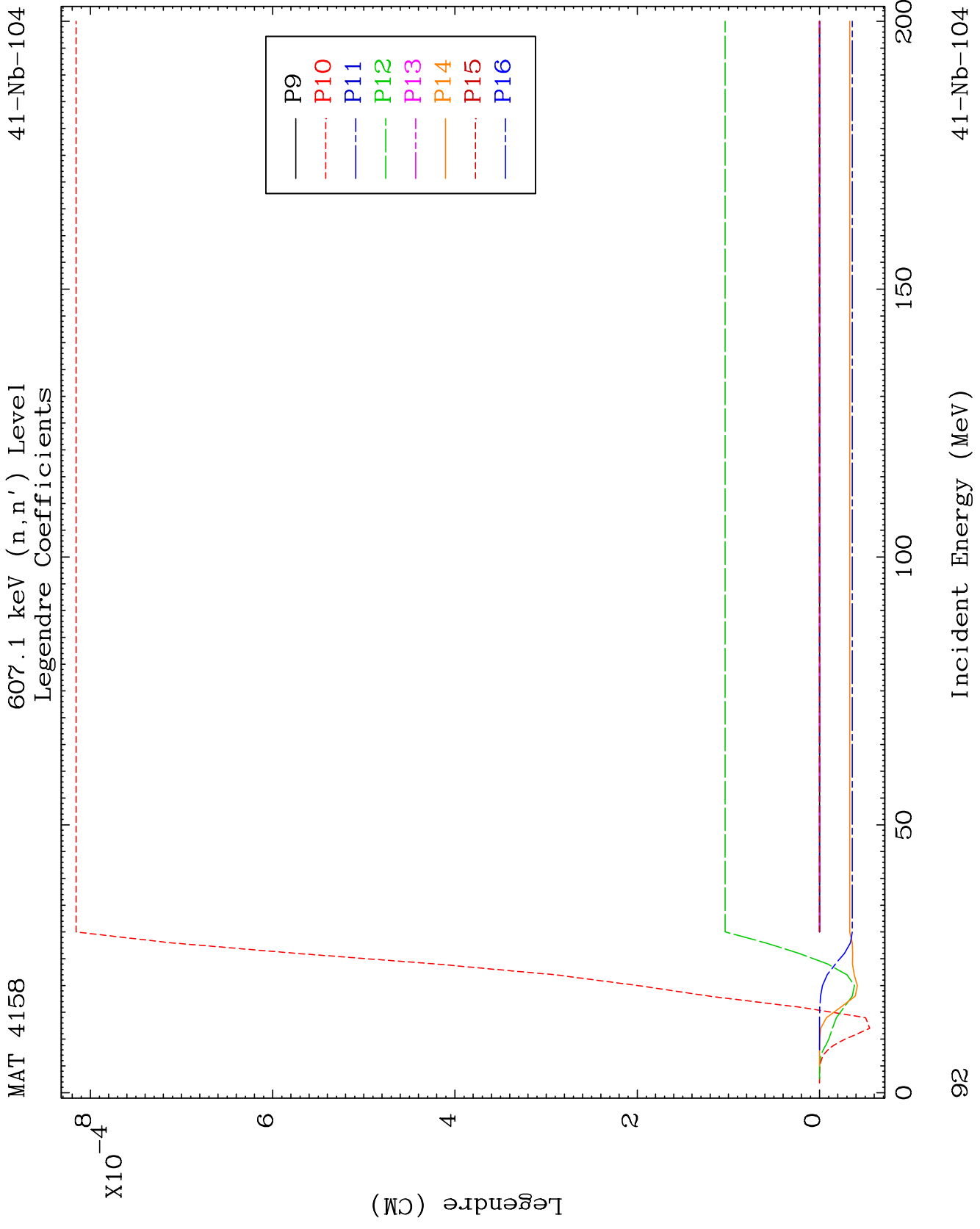
41-Nb-104

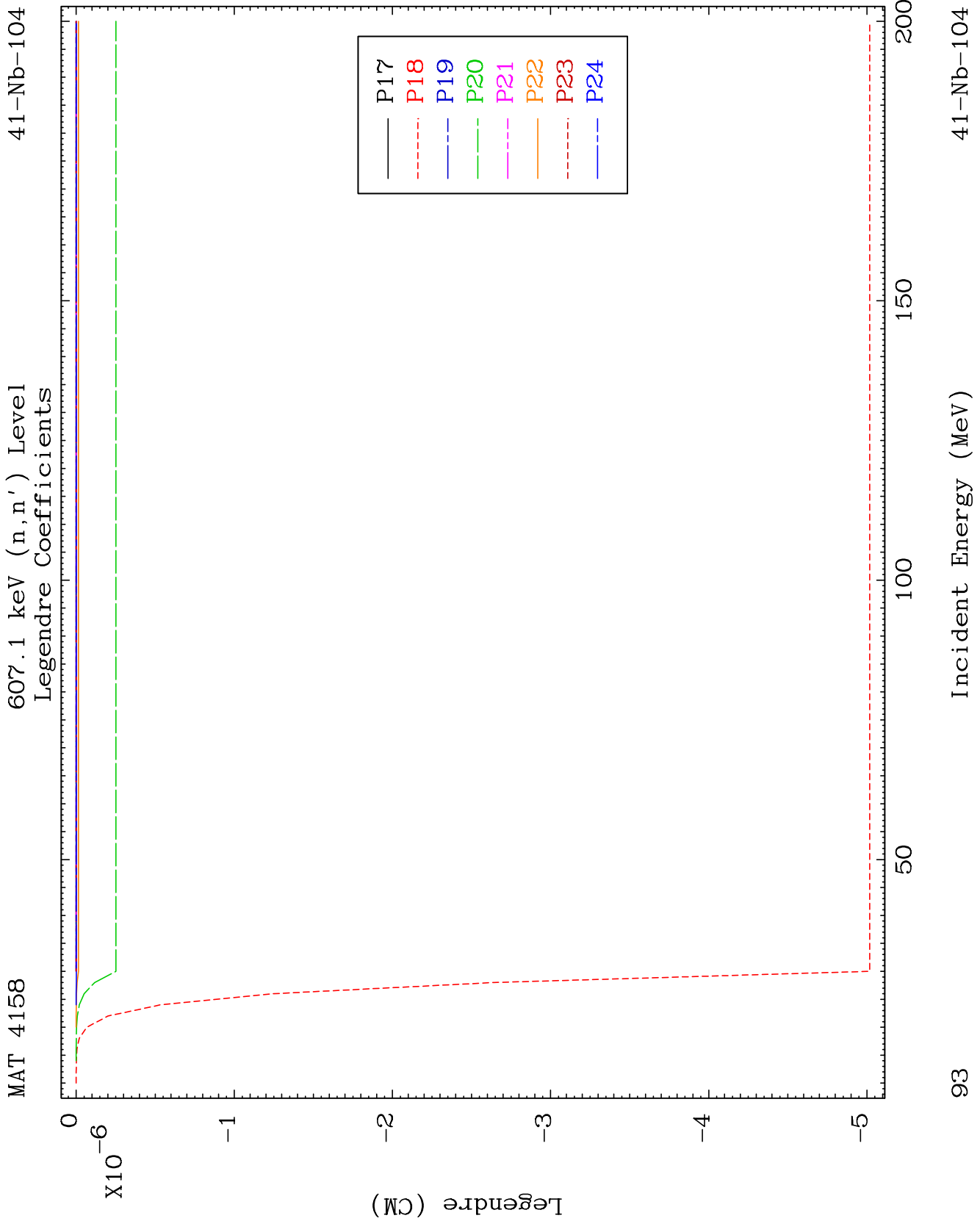


89





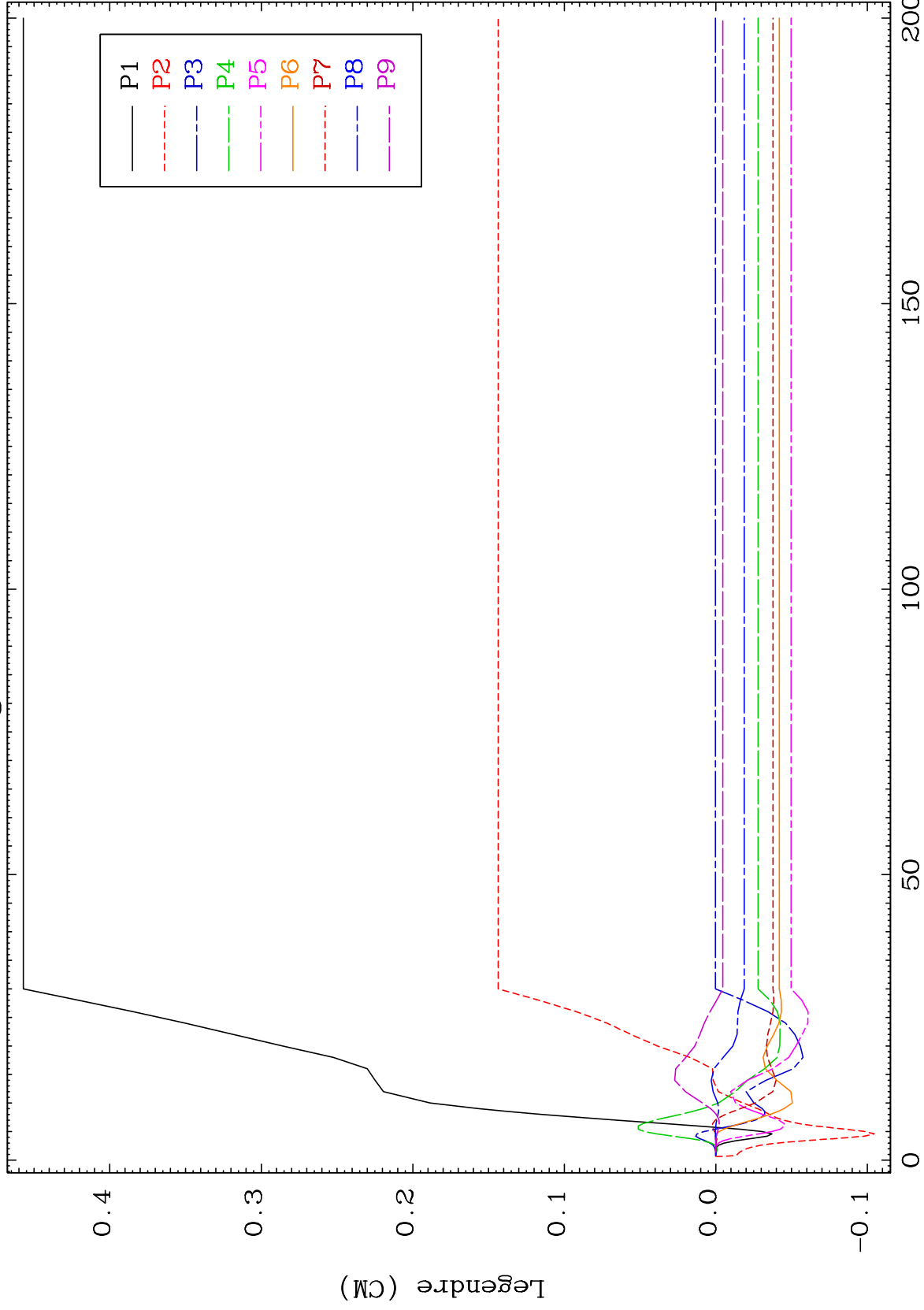




MAT 4158

610.2 keV (n,n') Level  
Legendre Coefficients

41-Nb-104



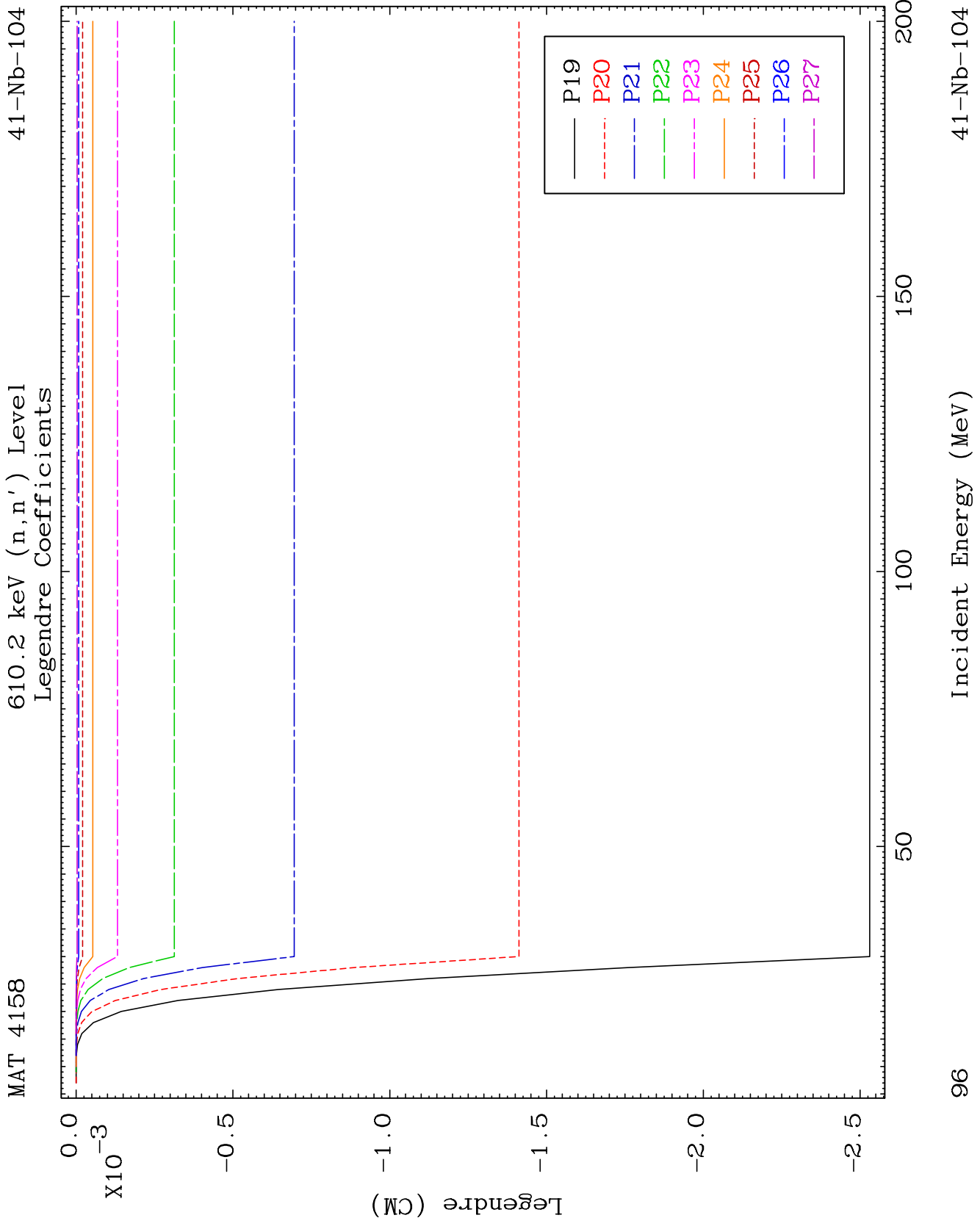
94

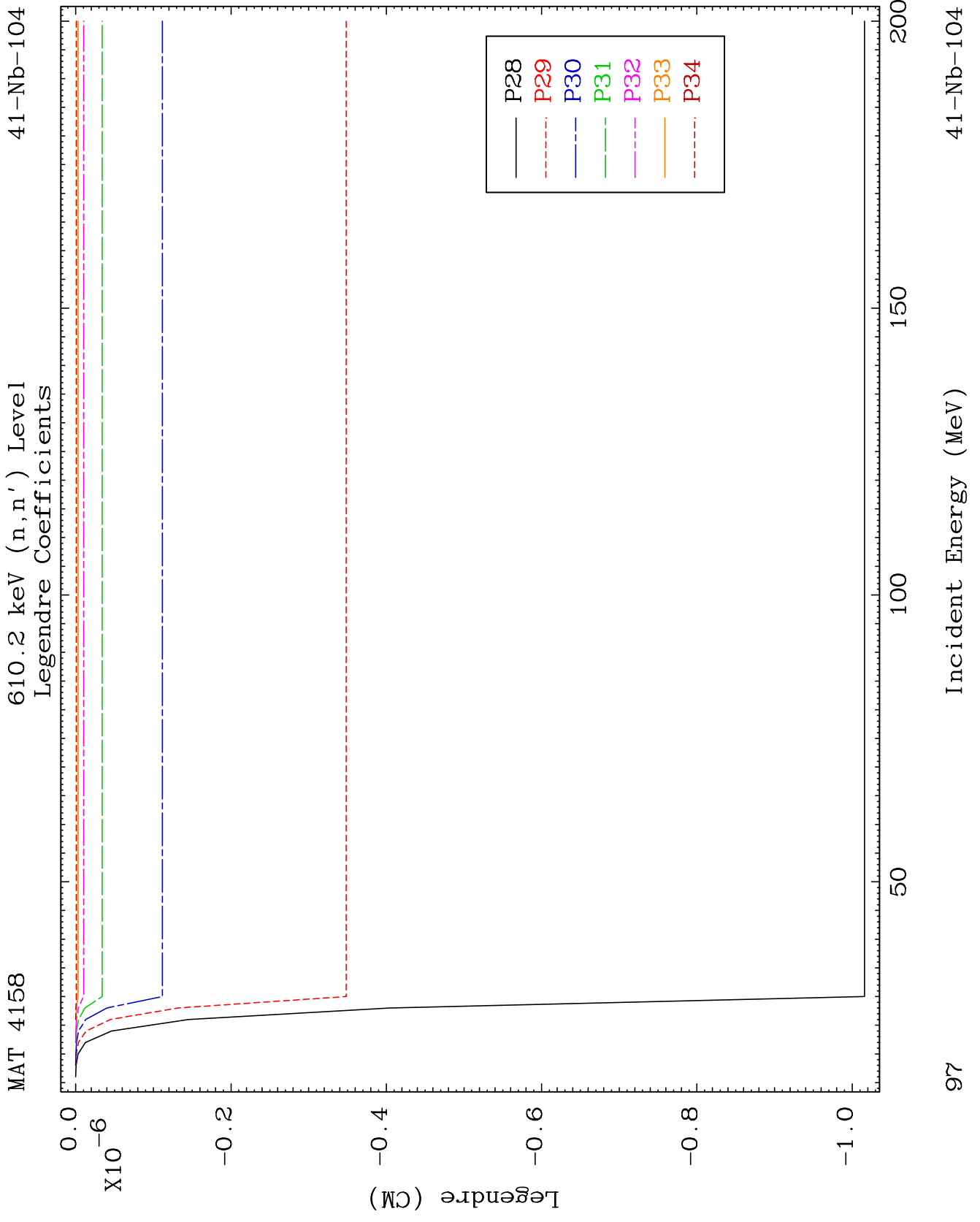
Incident Energy (MeV)

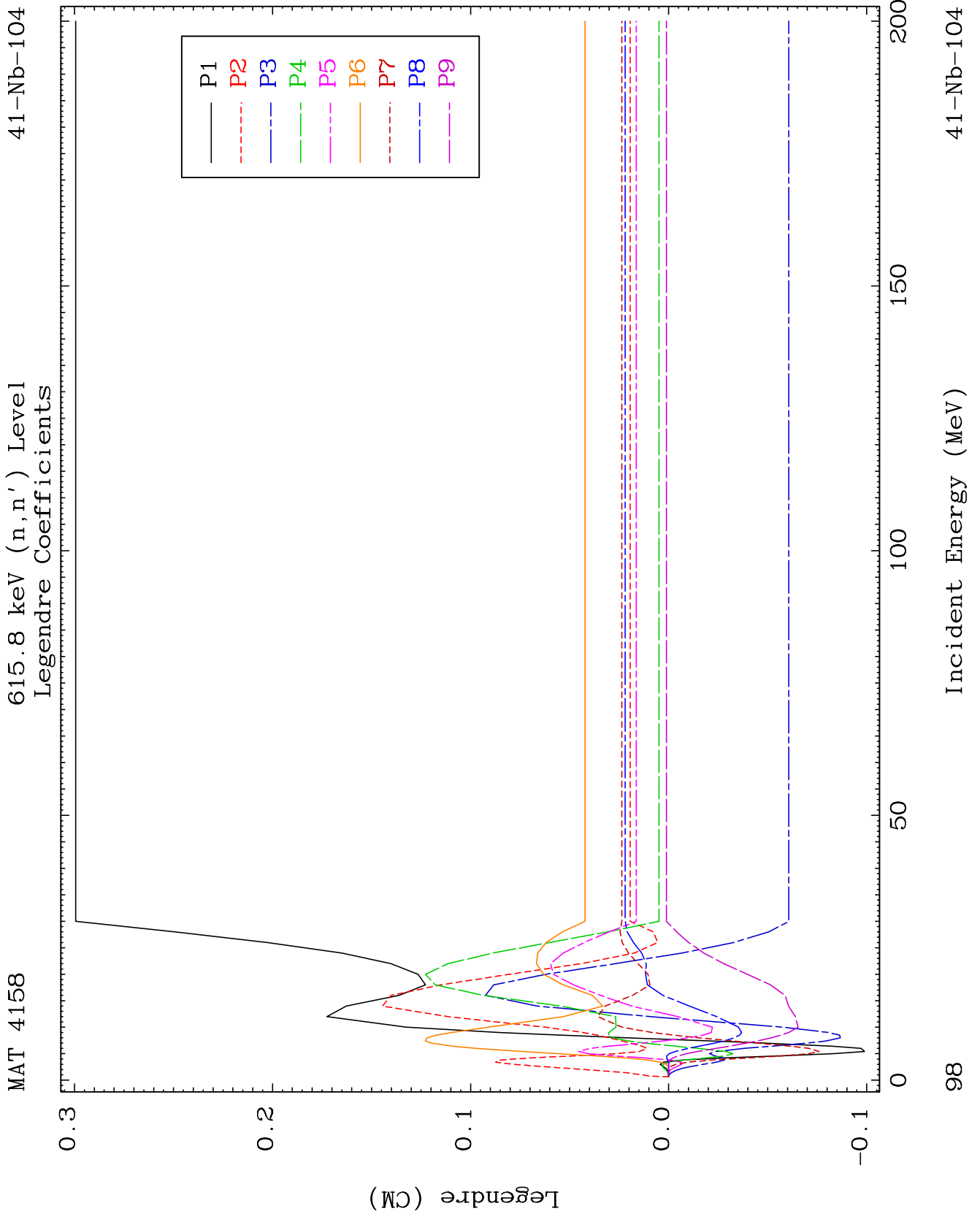
41-Nb-104







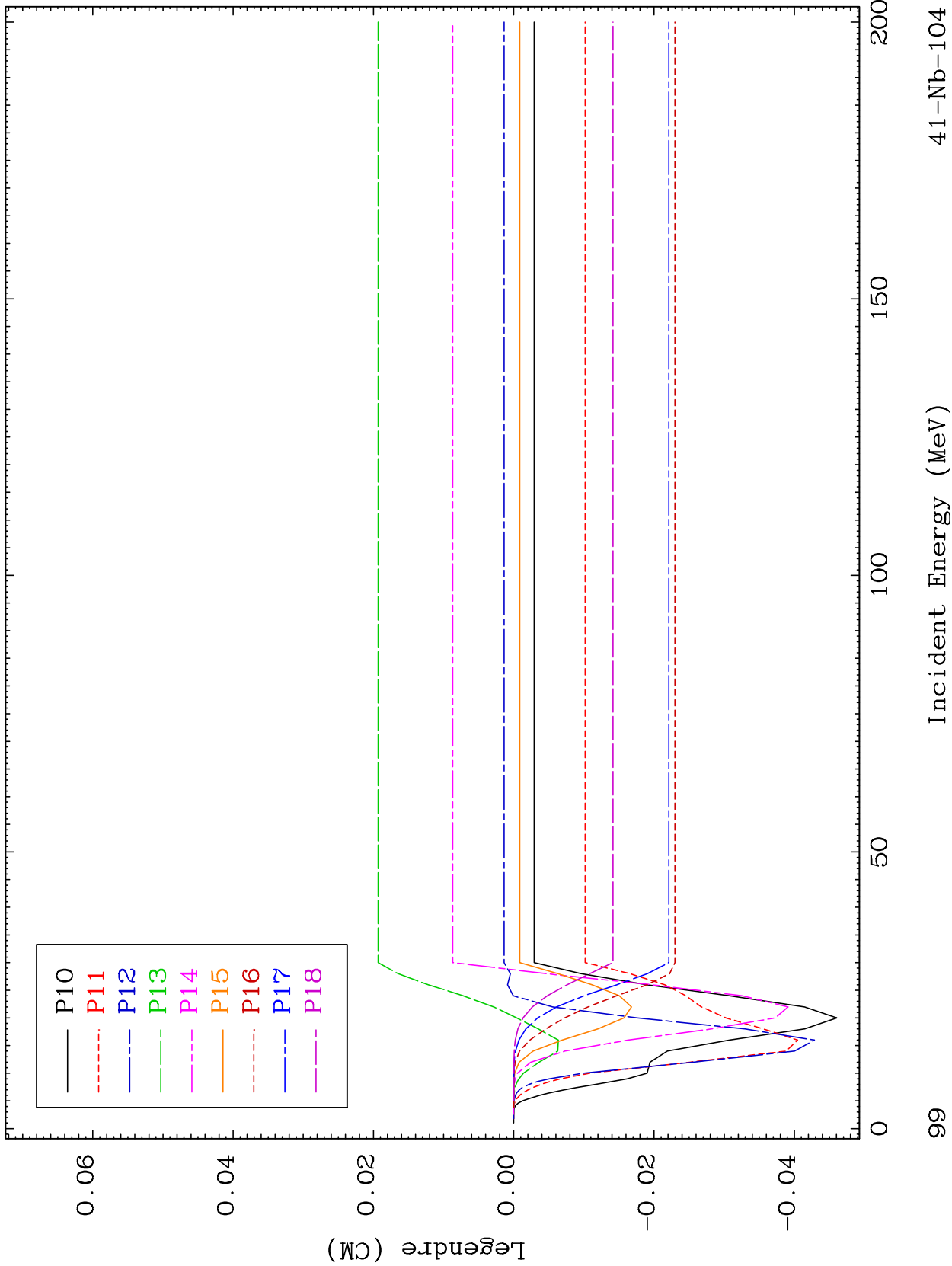




MAT 4158

615.8 keV (n, n') Level  
Legendre Coefficients

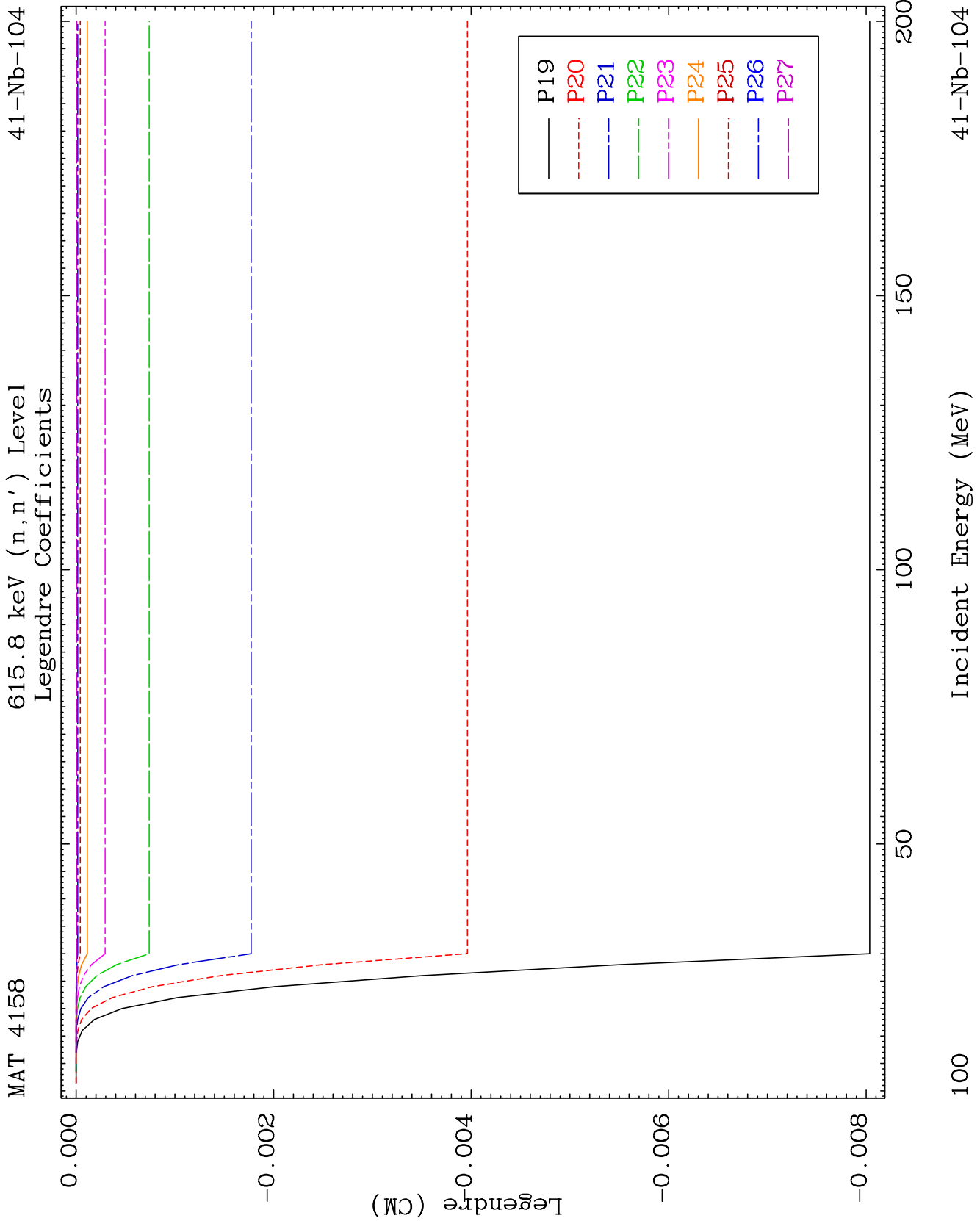
41-Nb-104

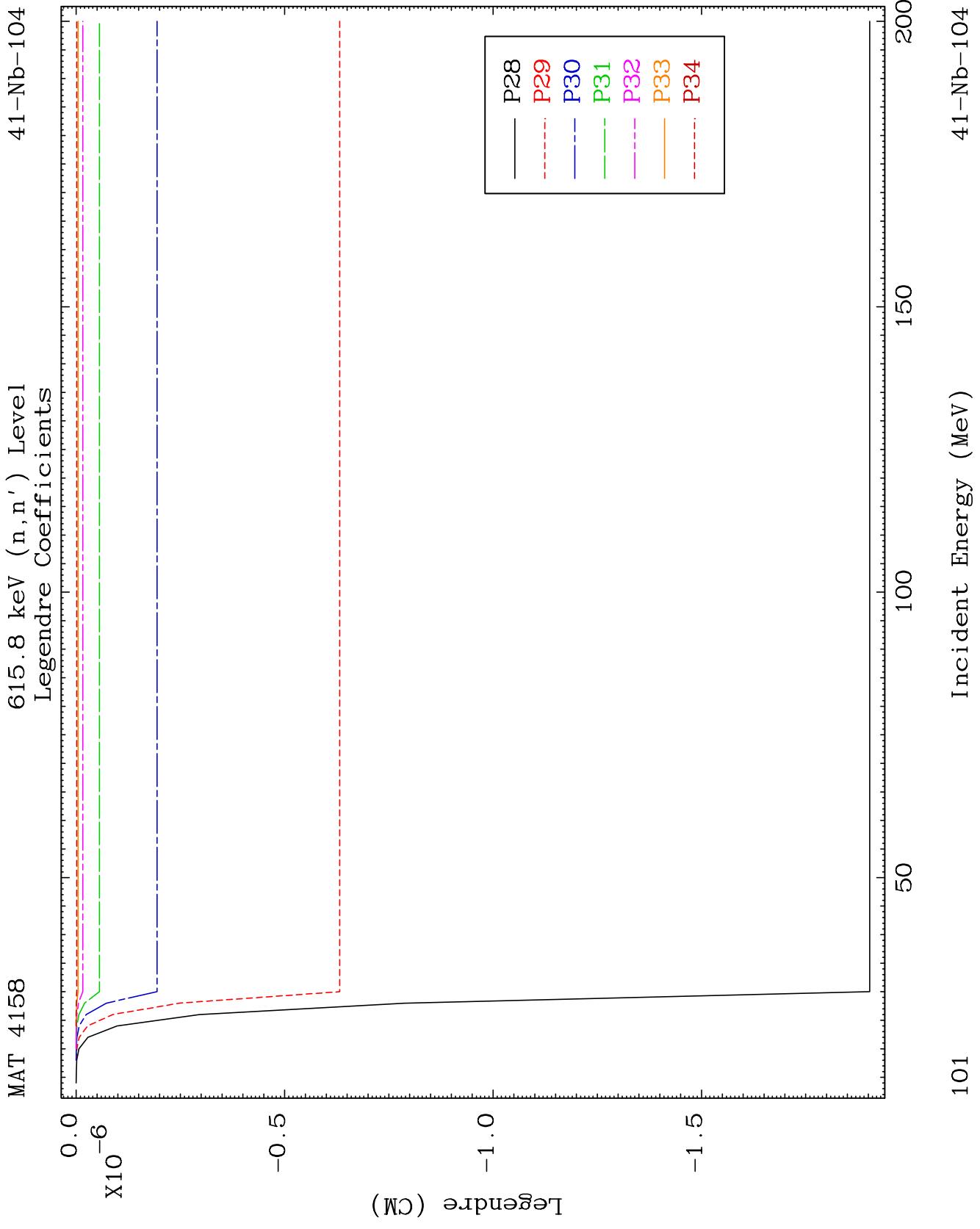


99

Incident Energy (MeV)

41-Nb-104



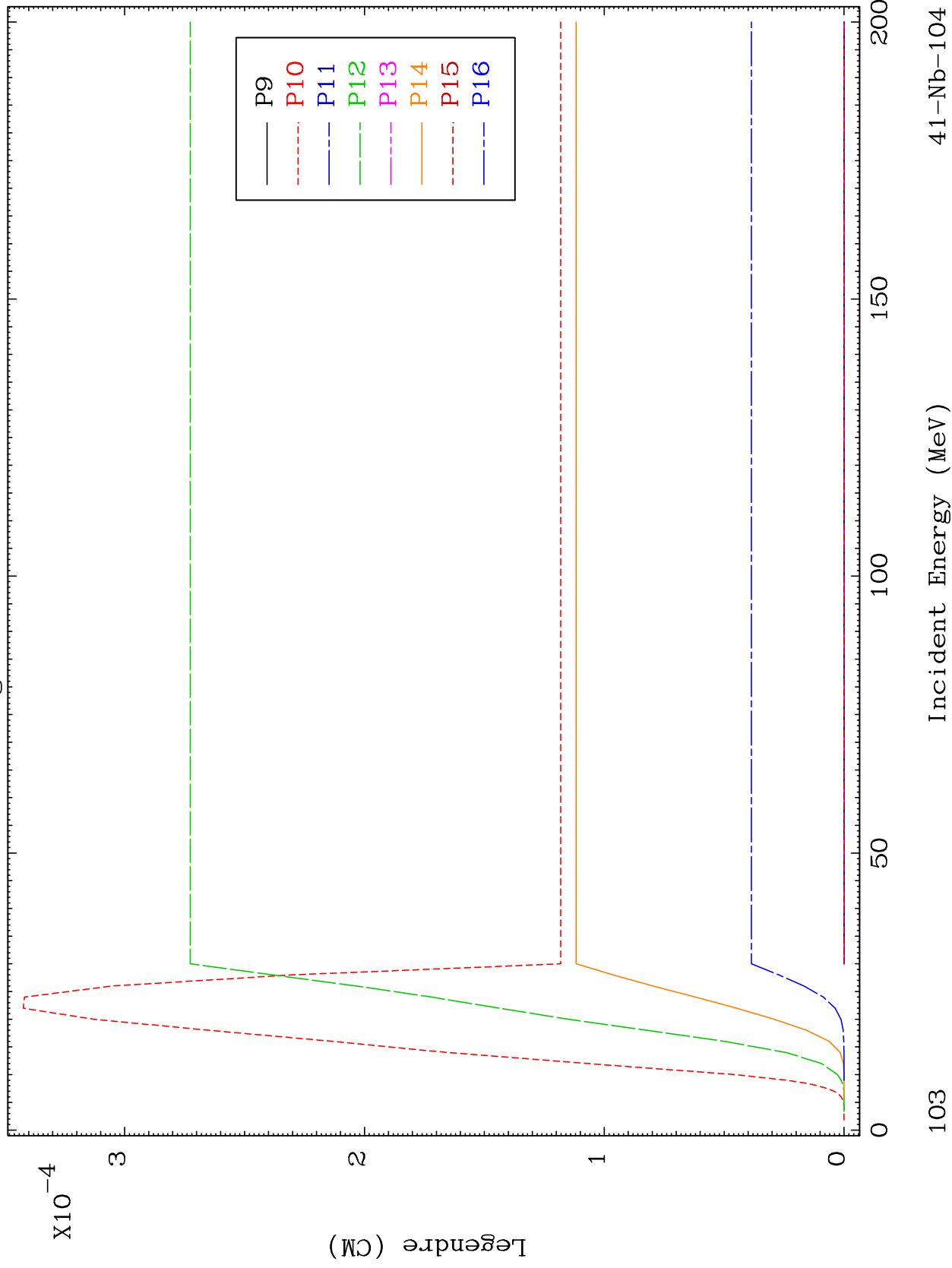




MAT 4158

623.1 keV (n,n') Level  
Legendre Coefficients

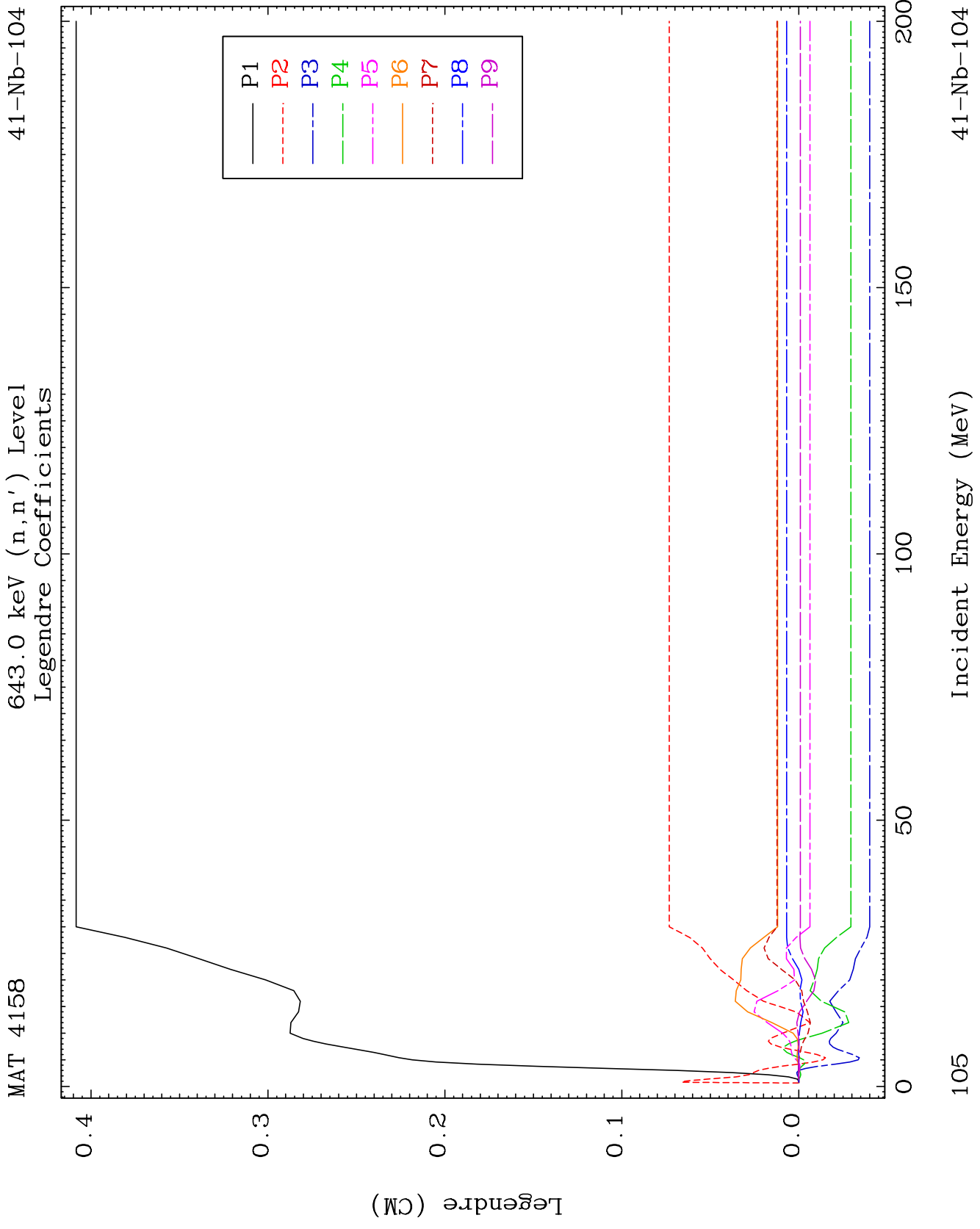
41-Nb-104



41-Nb-104



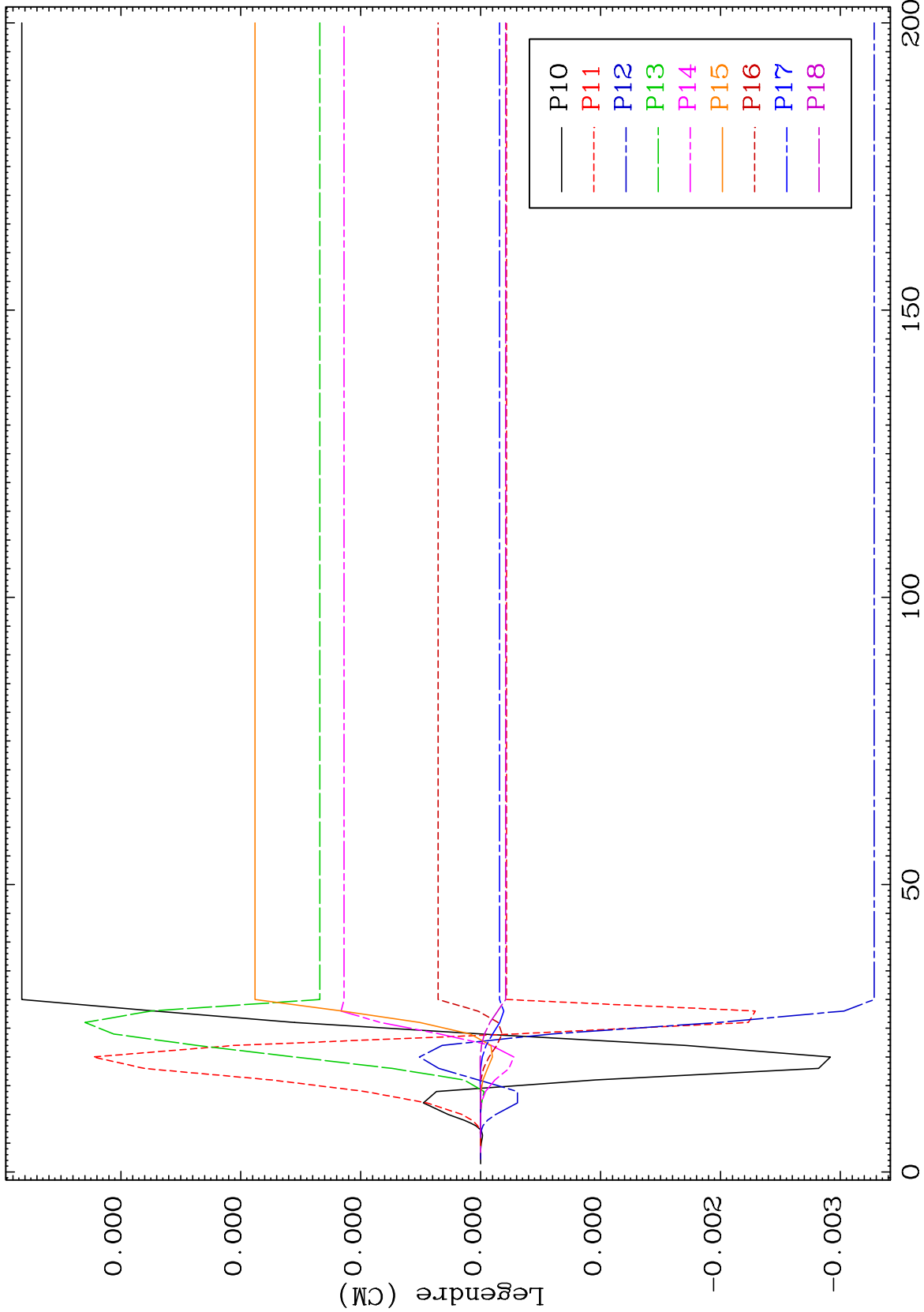




MAT 4158

643.0 keV (n,n') Level  
Legendre Coefficients

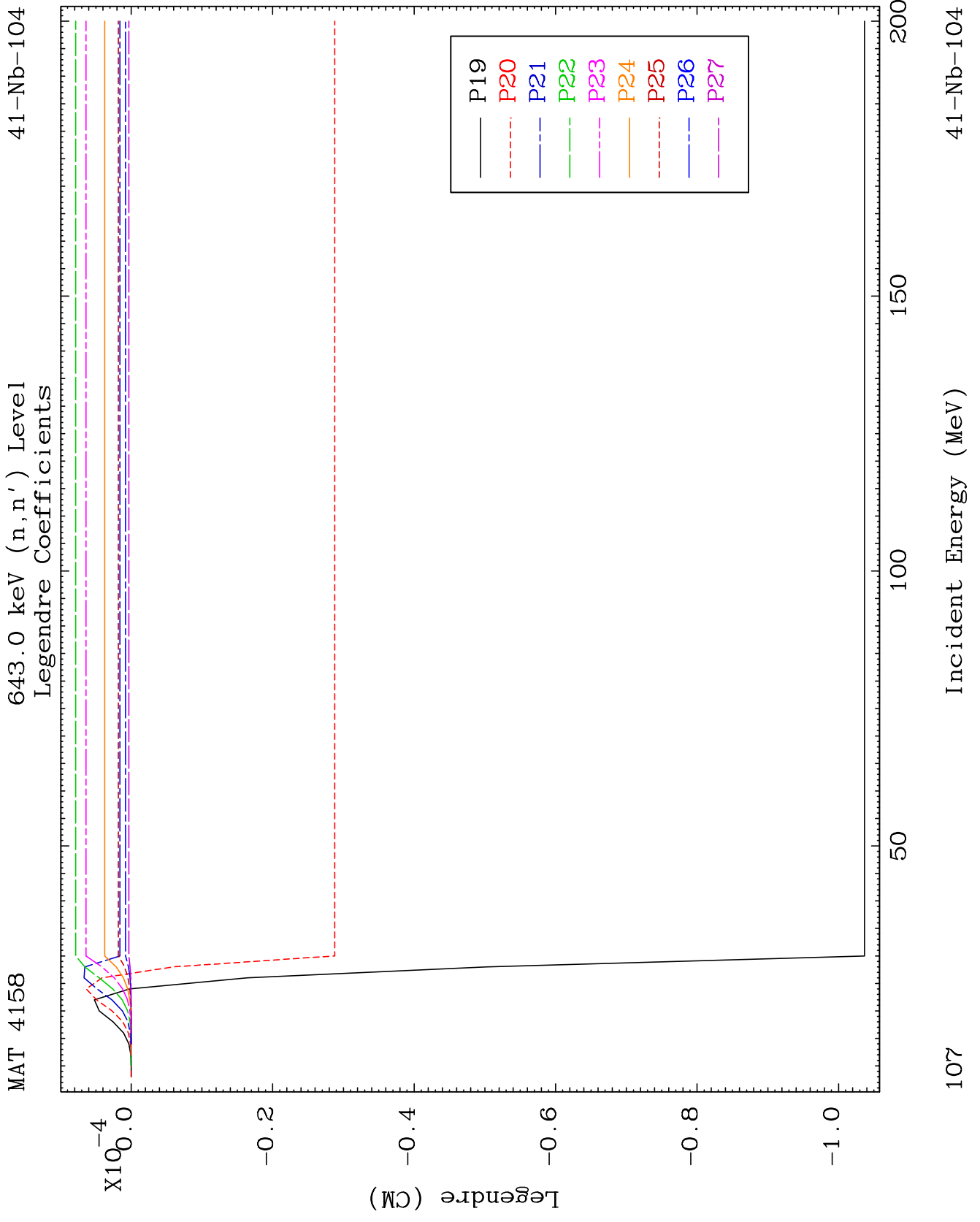
41-Nb-104

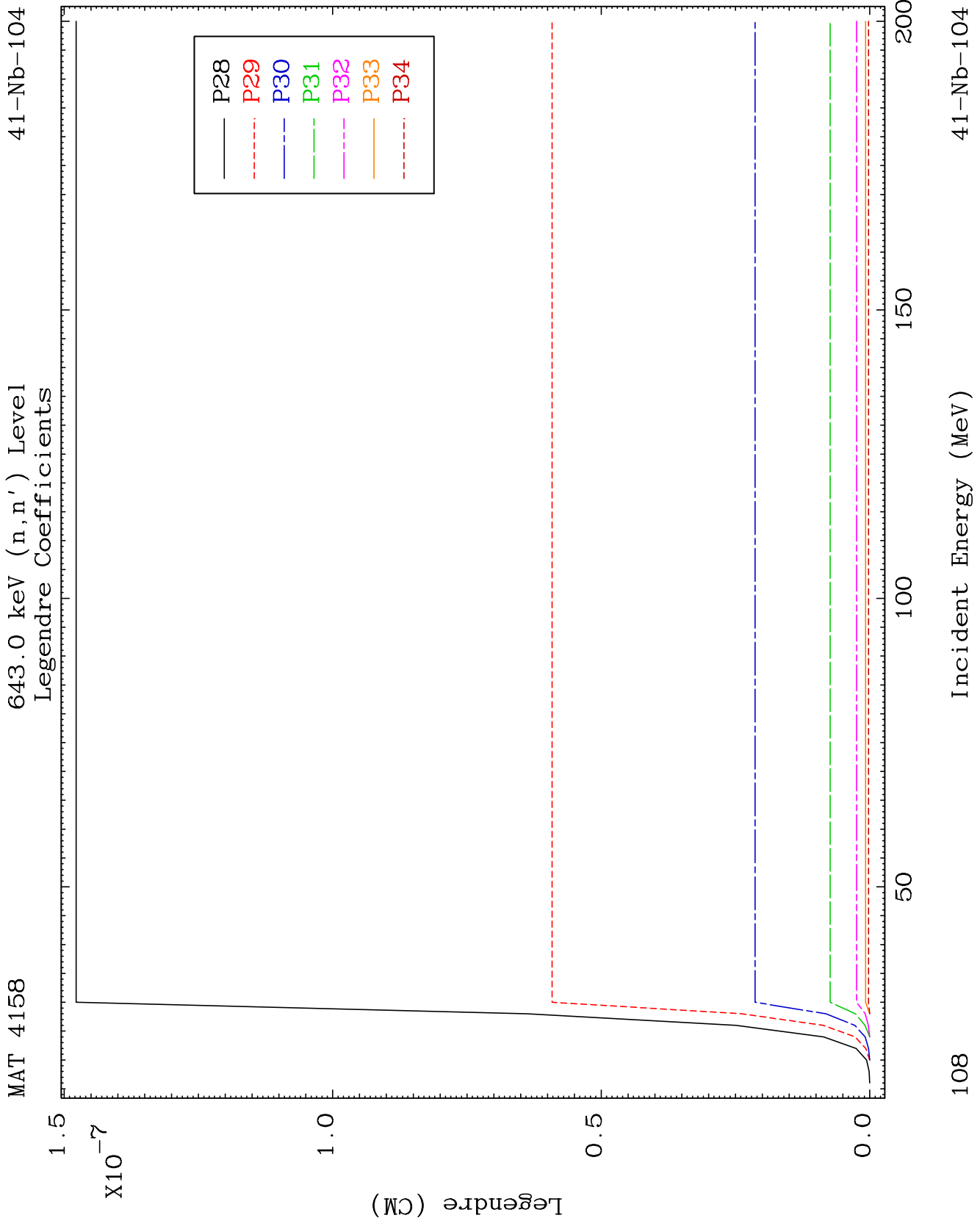


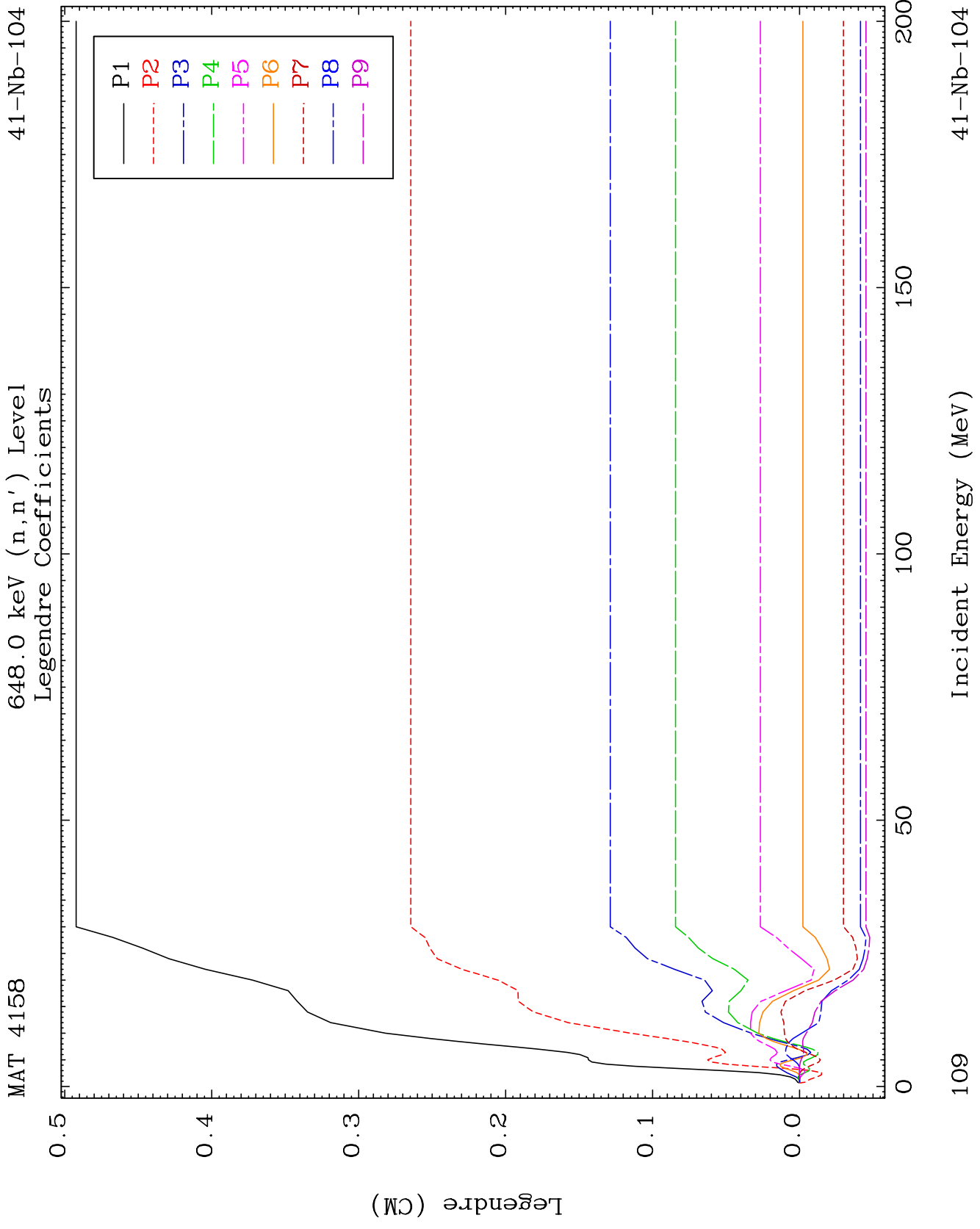
106

Incident Energy (MeV)

41-Nb-104



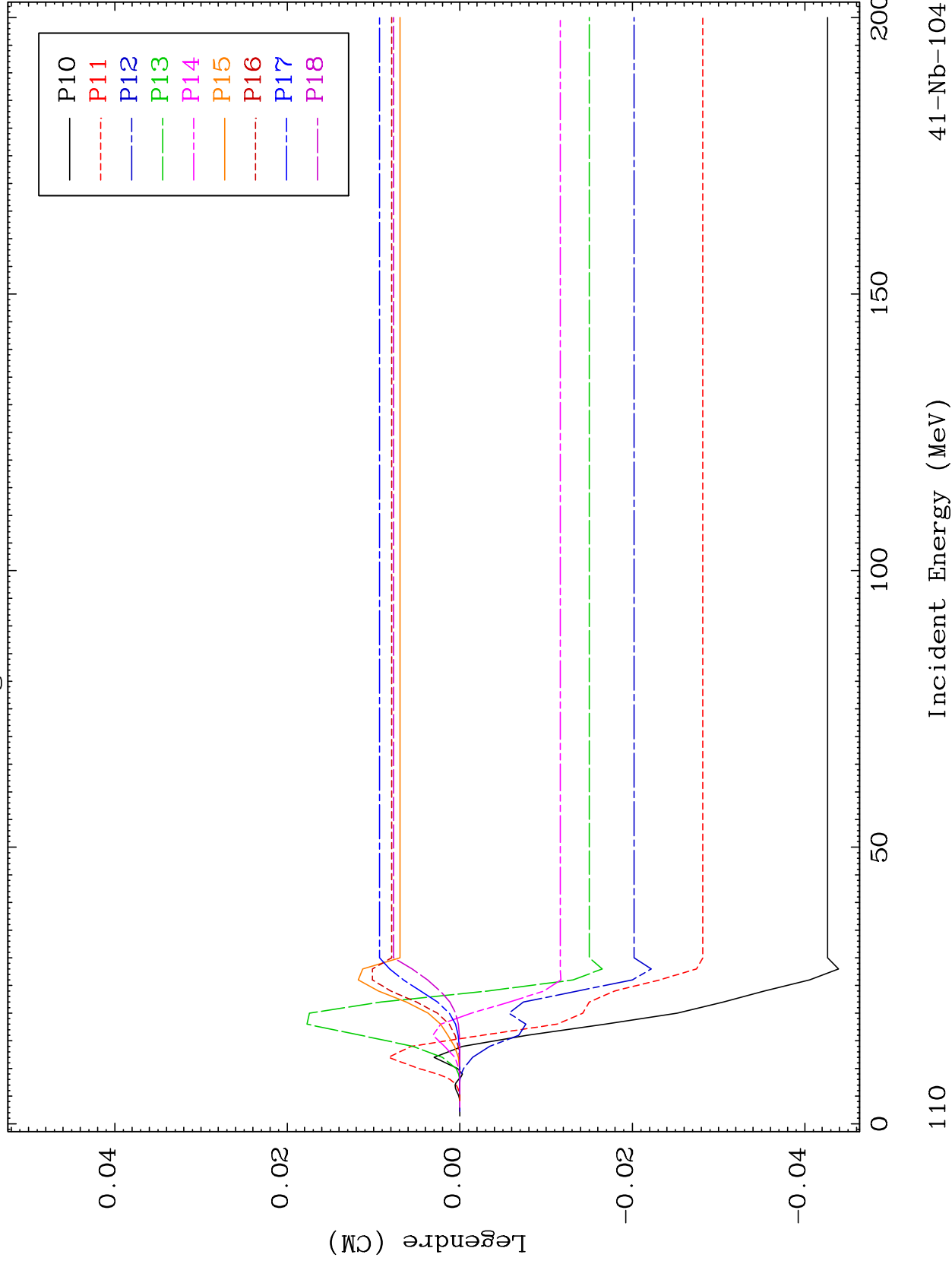




MAT 4158

648.0 keV (n,n') Level  
Legendre Coefficients

41-Nb-104



110

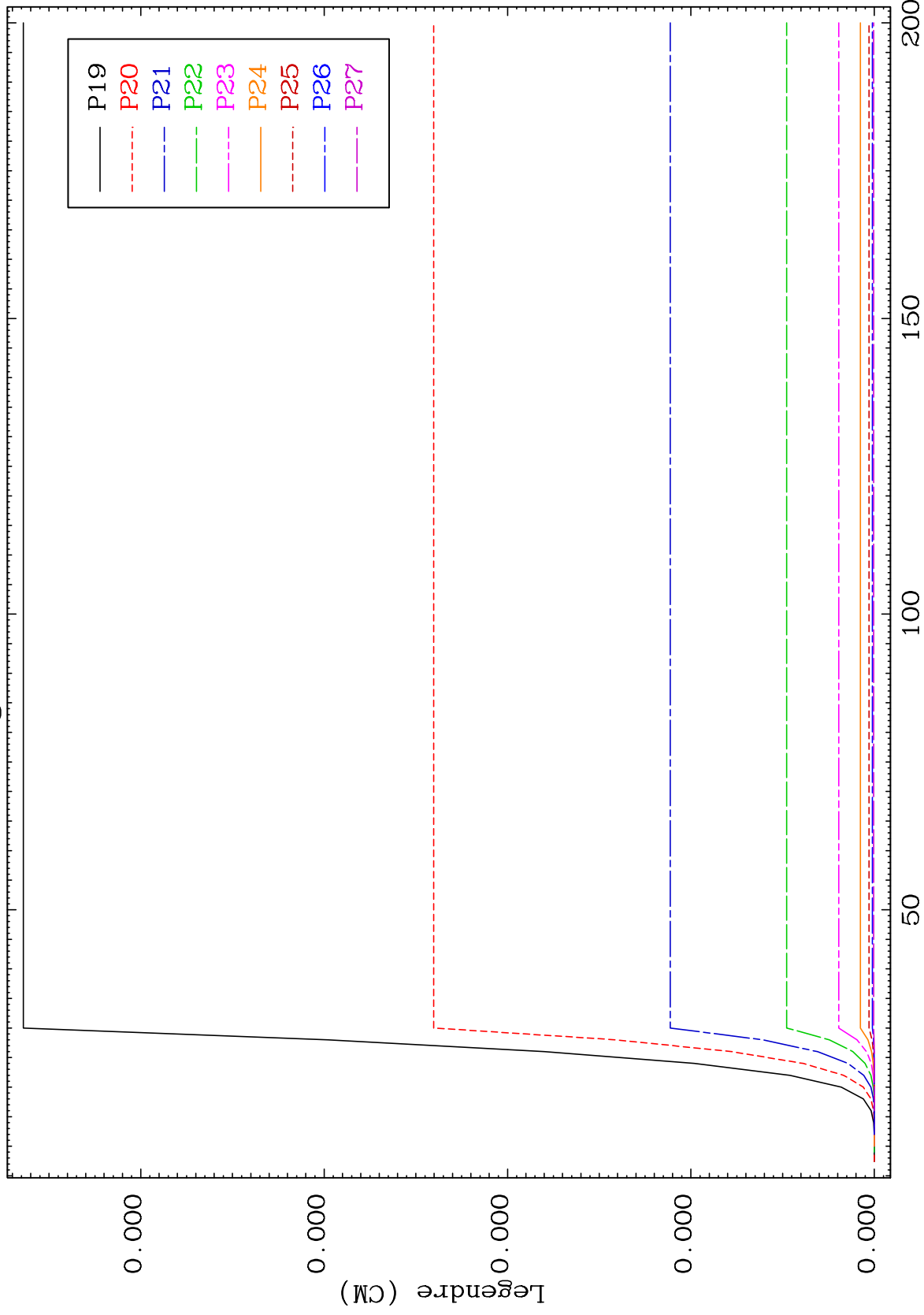
Incident Energy (MeV)

41-Nb-104

MAT 4158

648.0 keV (n, n') Level  
Legendre Coefficients

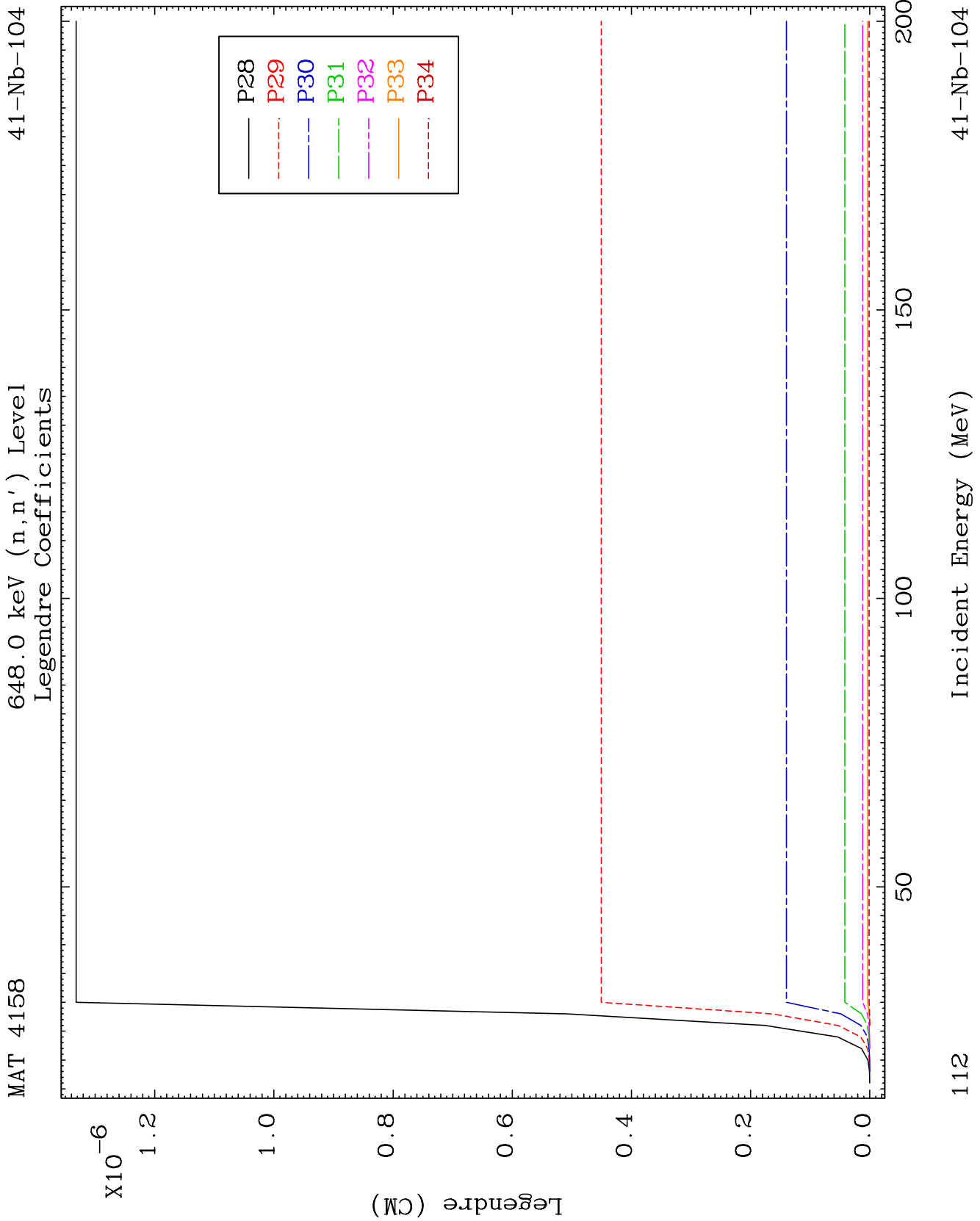
41-Nb-104



111

41-Nb-104

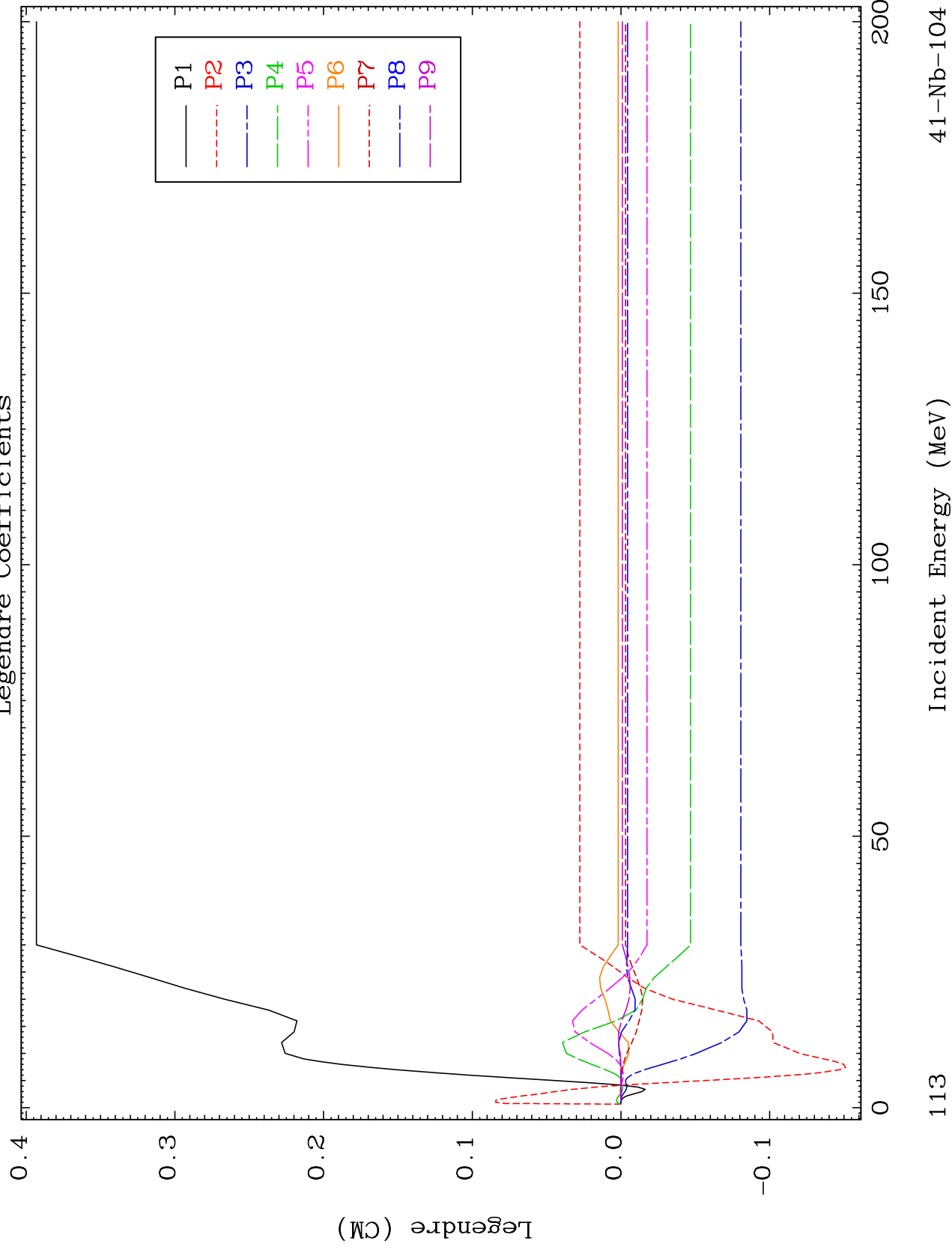




MAT 4158

653.4 keV (n,n') Level  
Legendre Coefficients

41-Nb-104



113

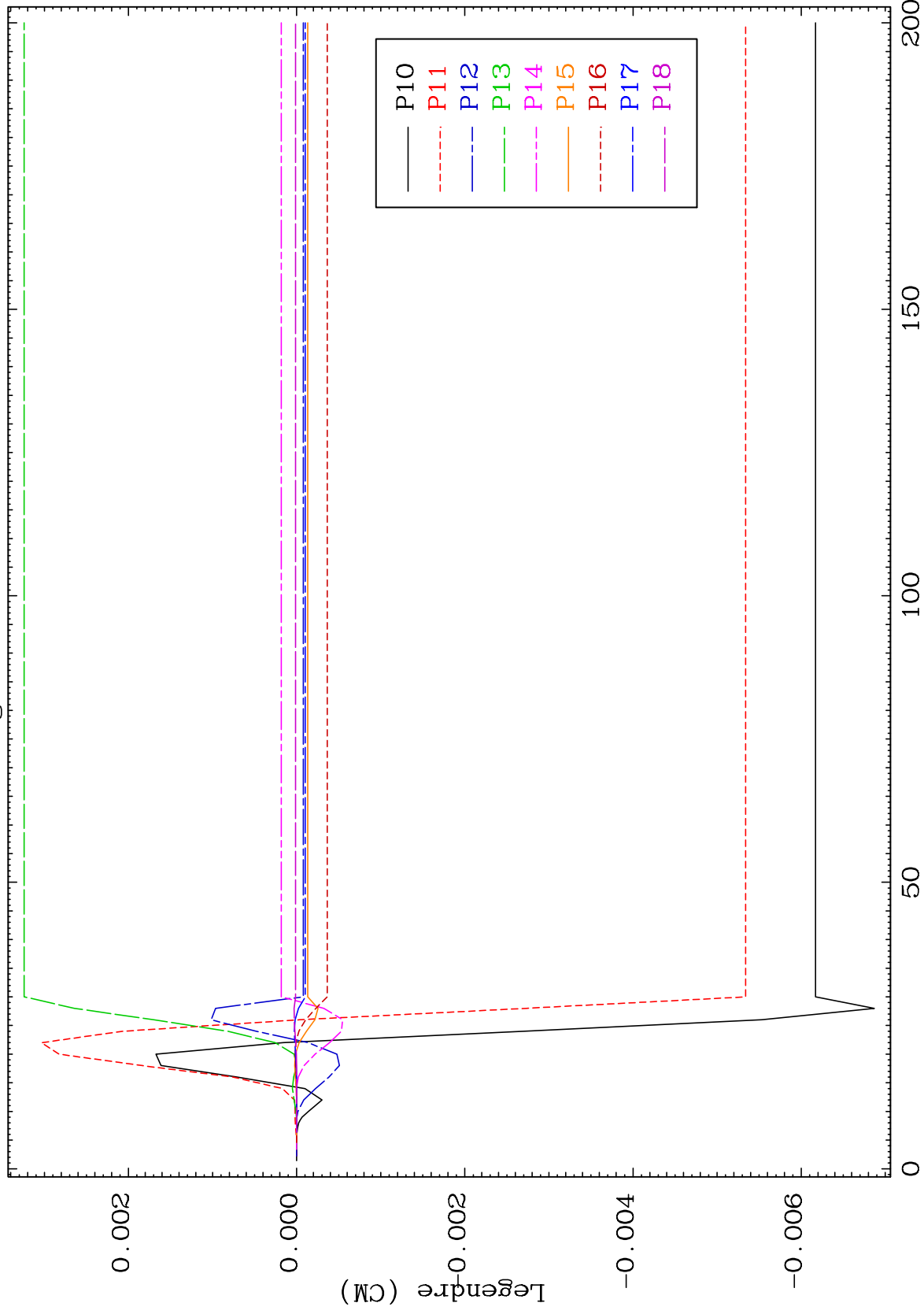
Incident Energy (MeV)

41-Nb-104

MAT 4158

653.4 keV (n,n') Level  
Legendre Coefficients

41-Nb-104



114

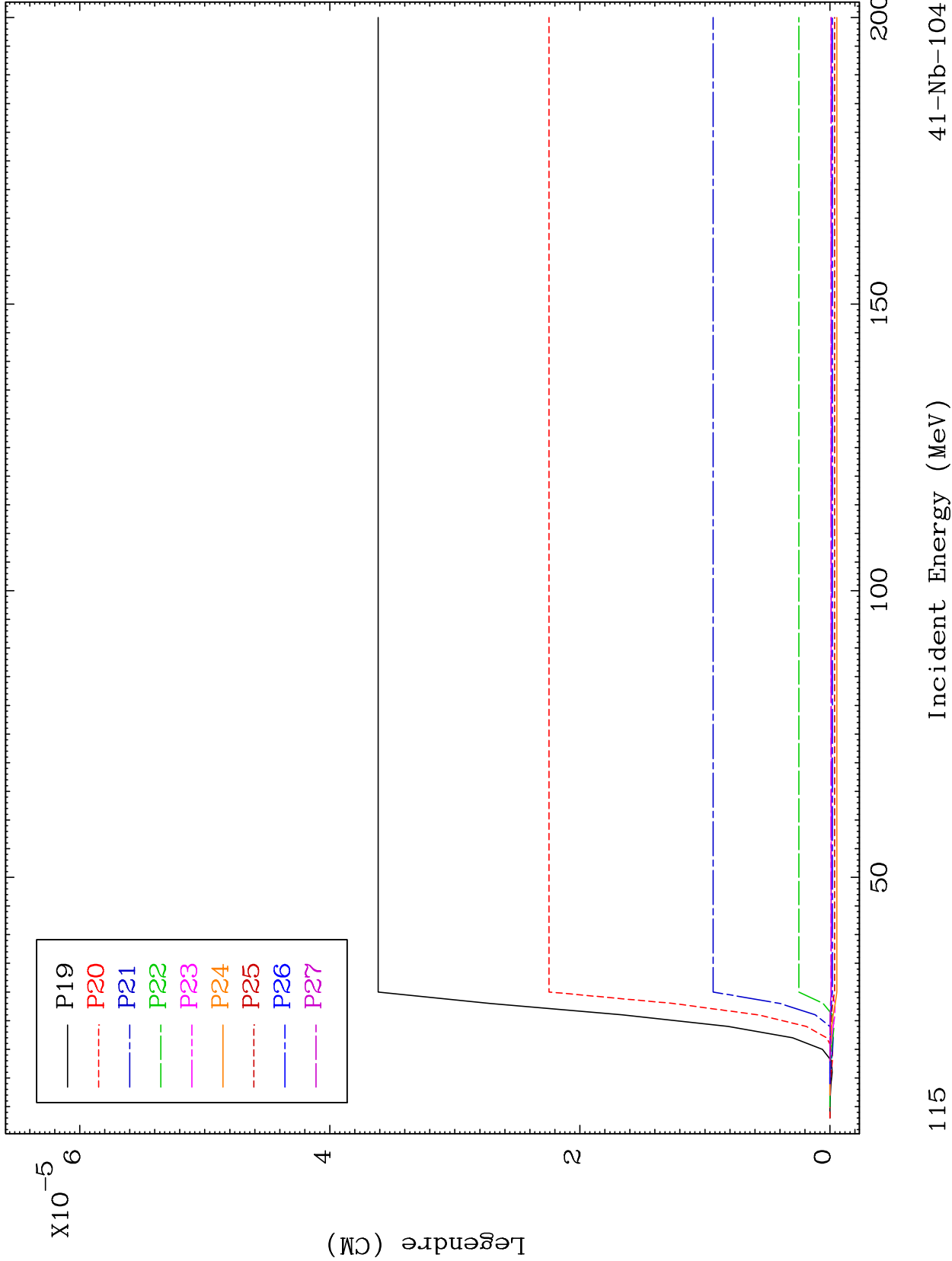
Incident Energy (MeV)

41-Nb-104

MAT 4158

653.4 keV (n,n') Level  
Legendre Coefficients

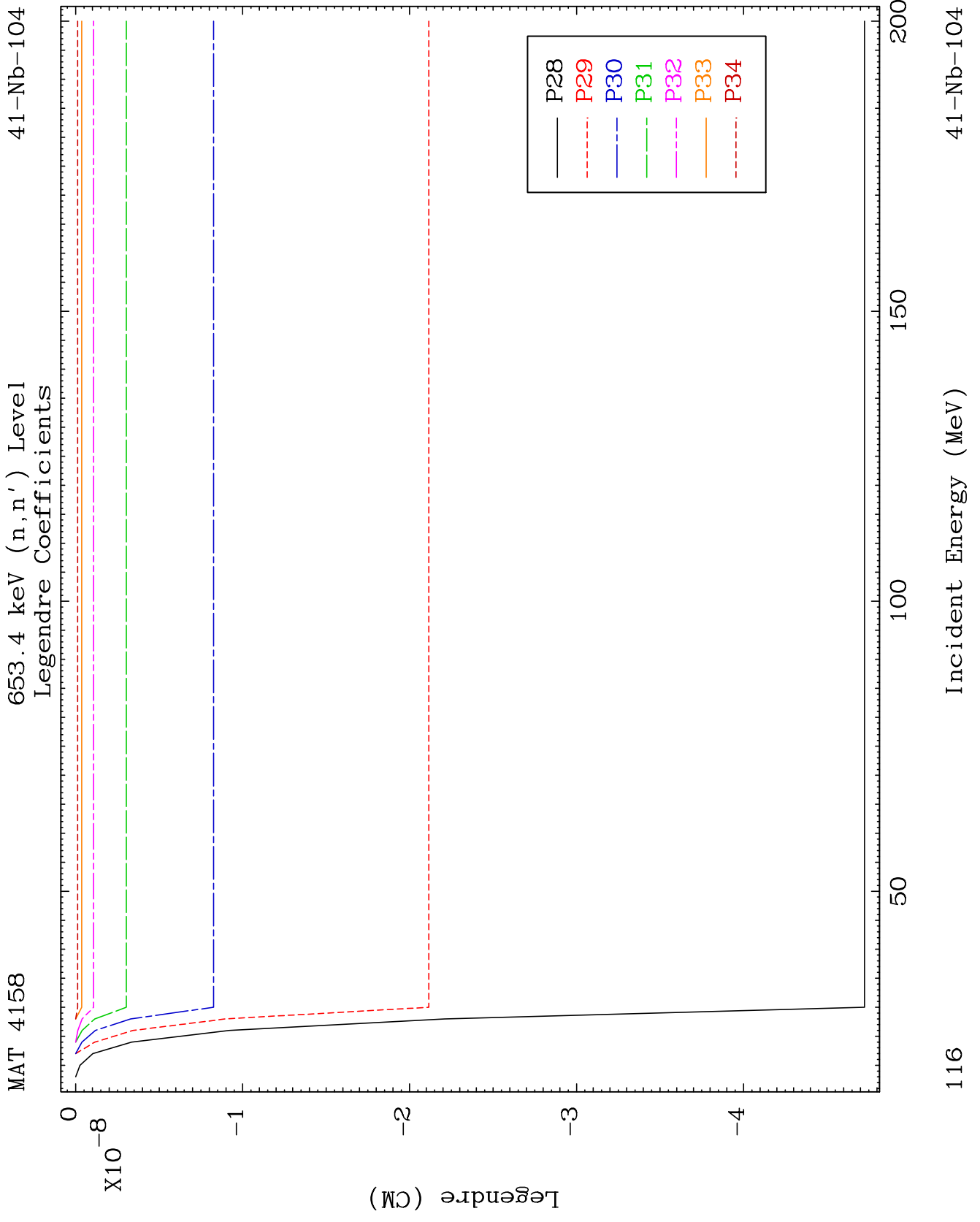
41-Nb-104

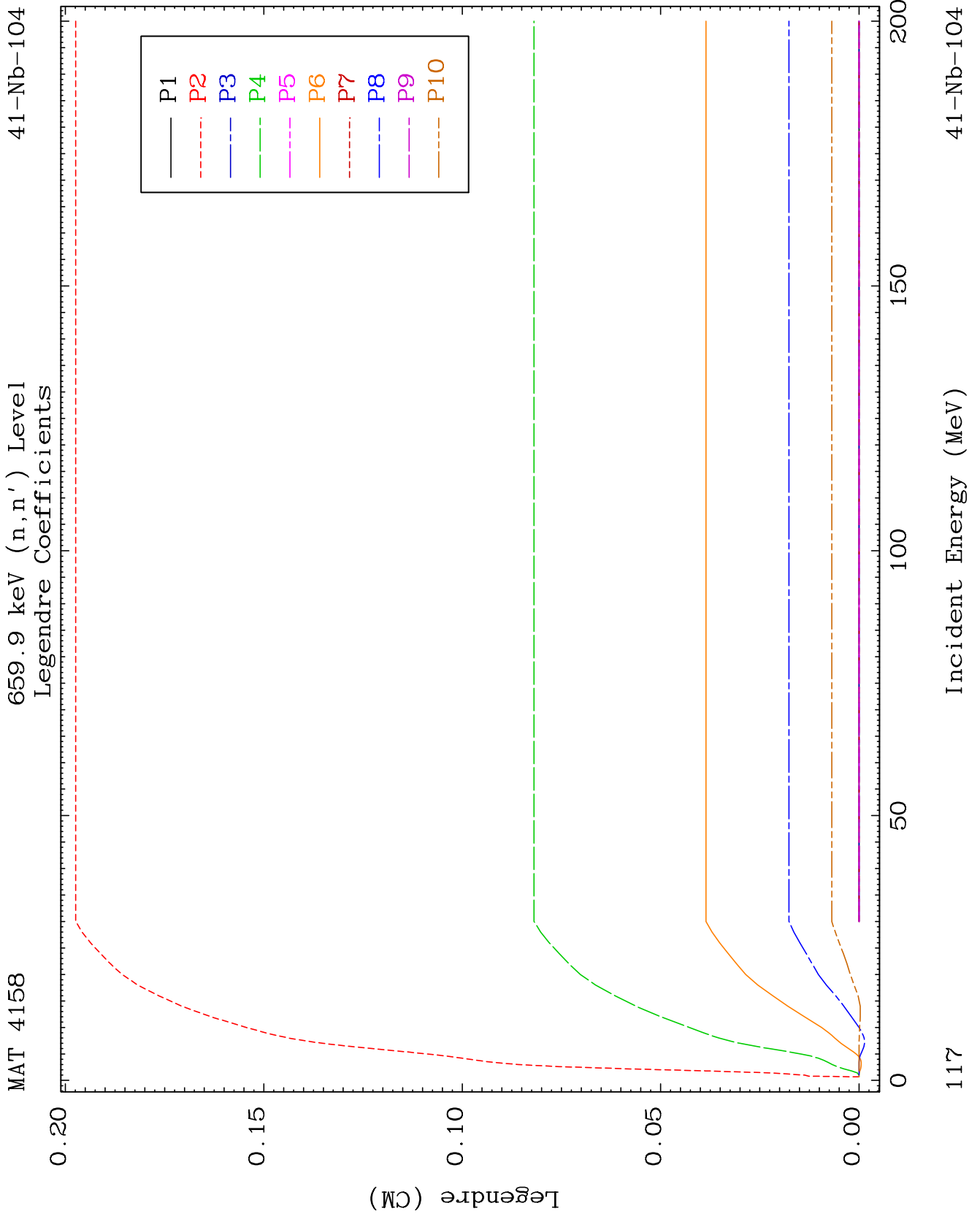


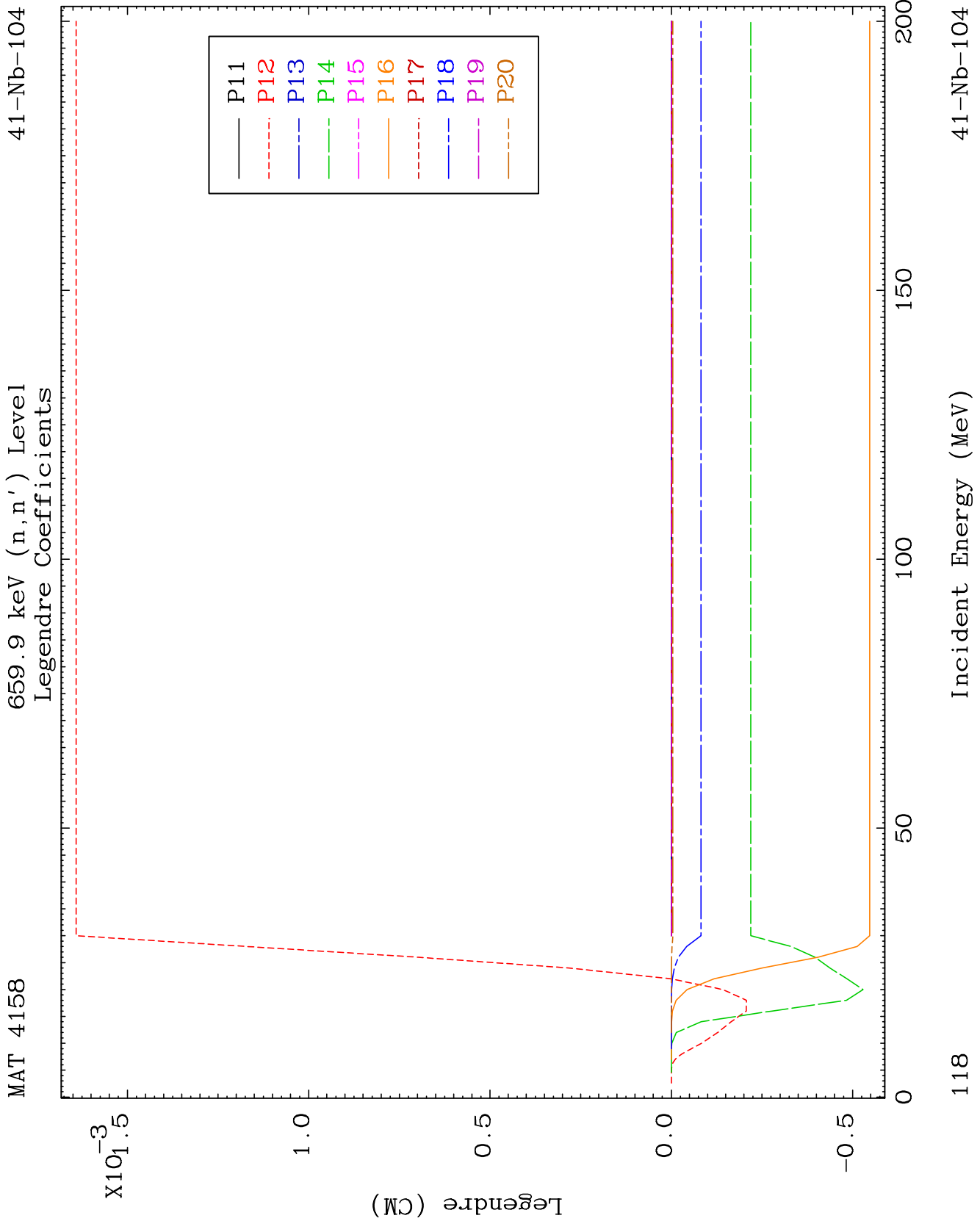
115

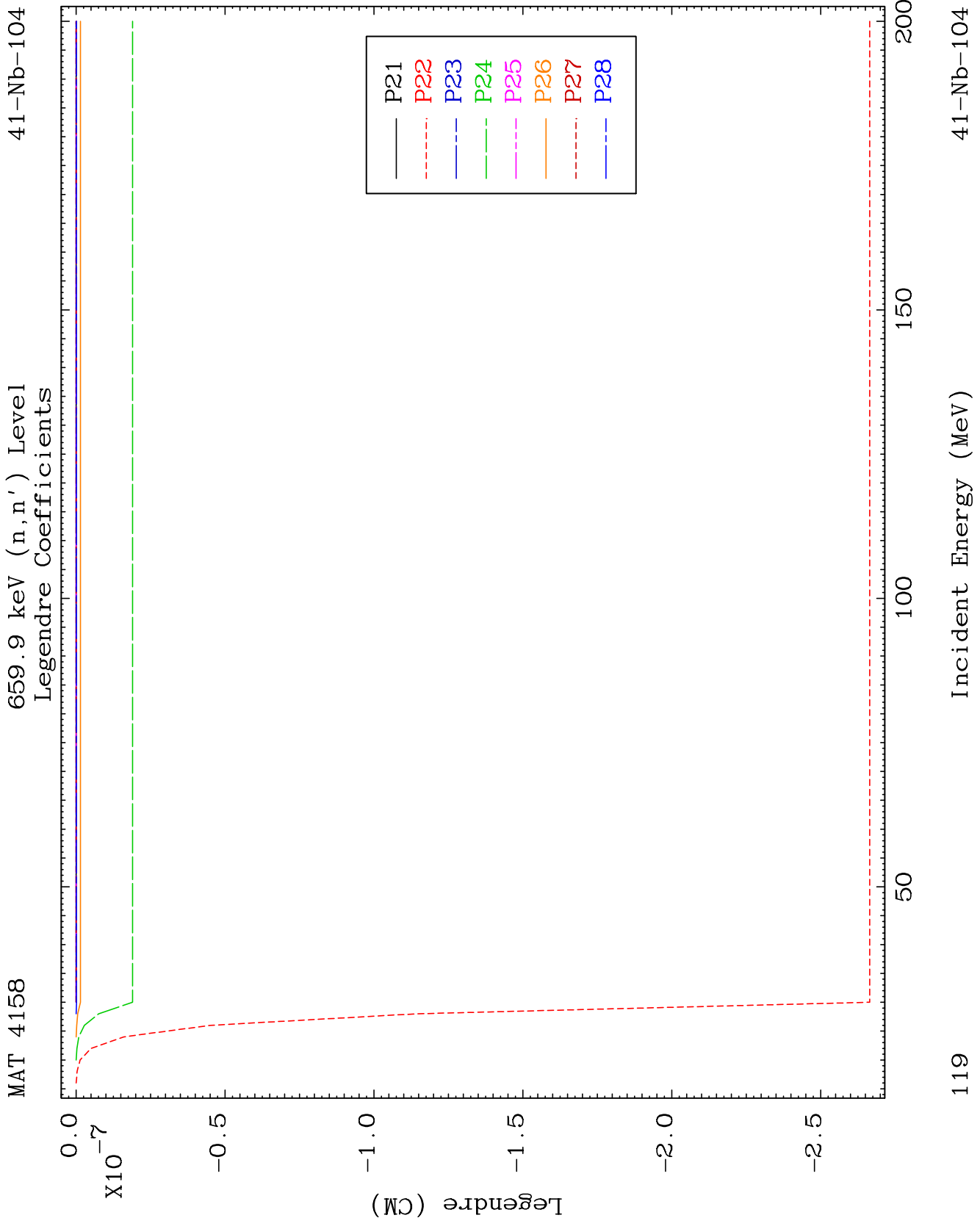
Incident Energy (MeV)

41-Nb-104







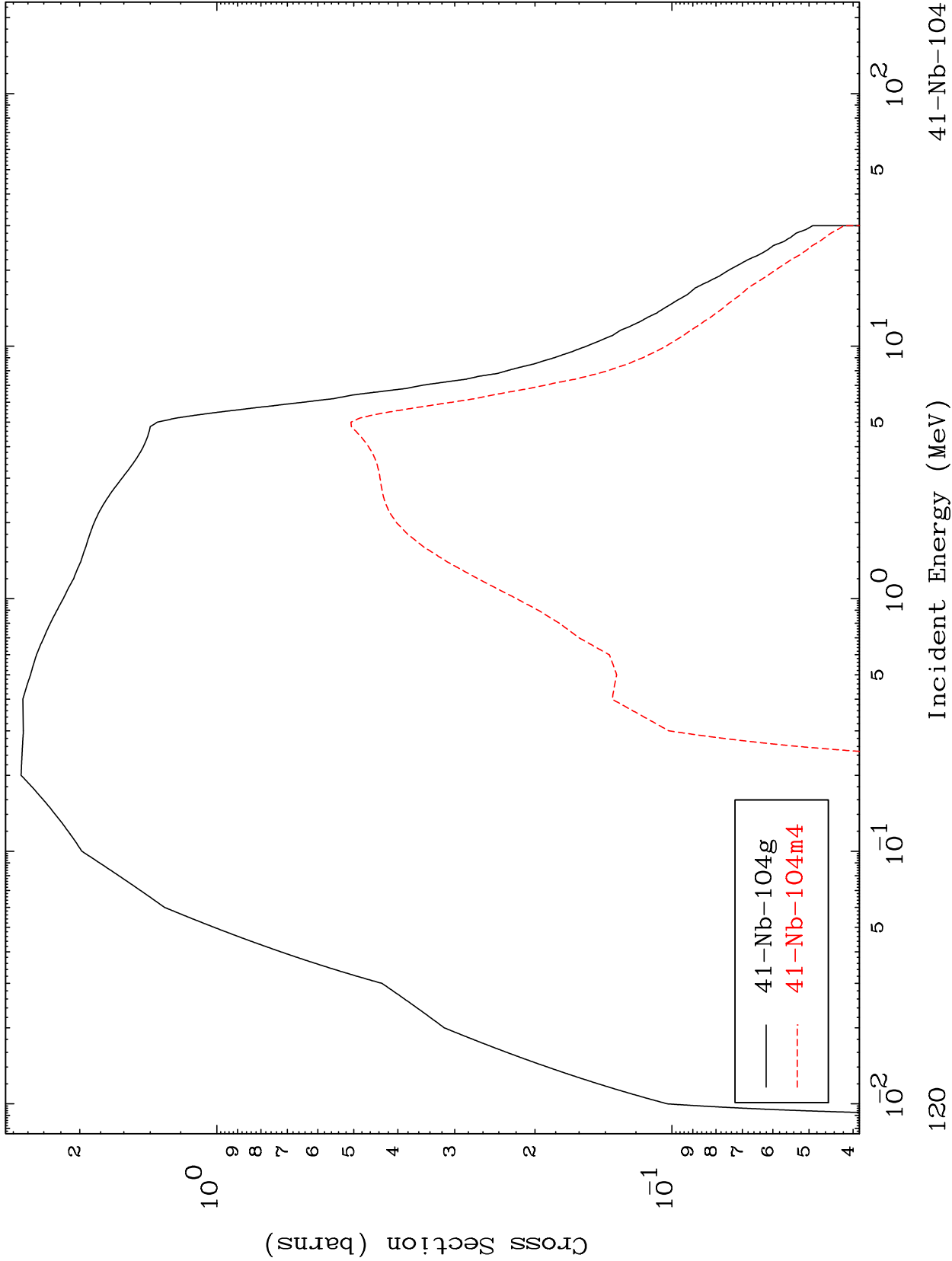




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Inelastic  
Radionuclide Production Cross Section

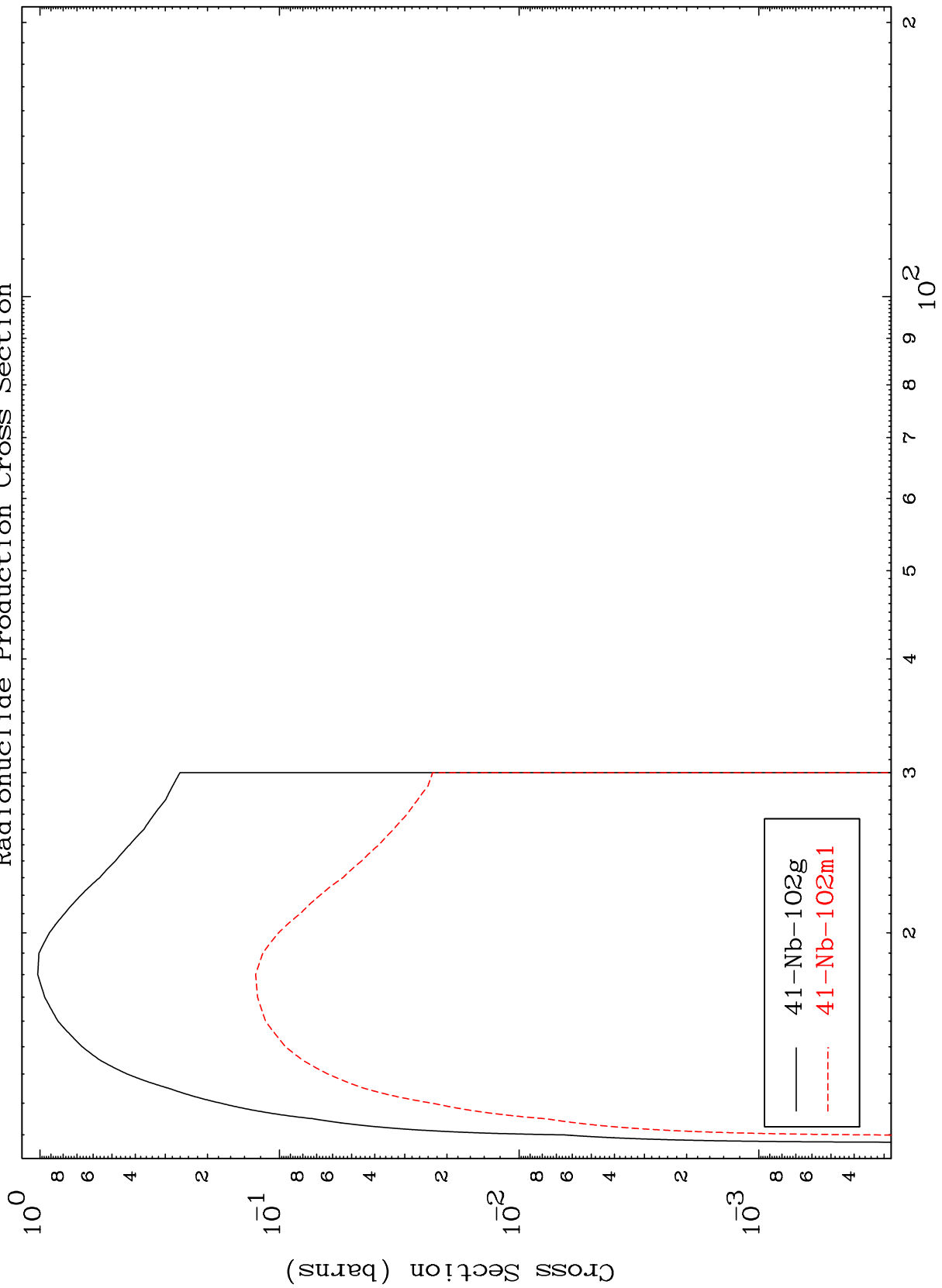
41-Nb-104



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41-Nb-104

Radionuclide Production Cross Section  
(n,3n)



121

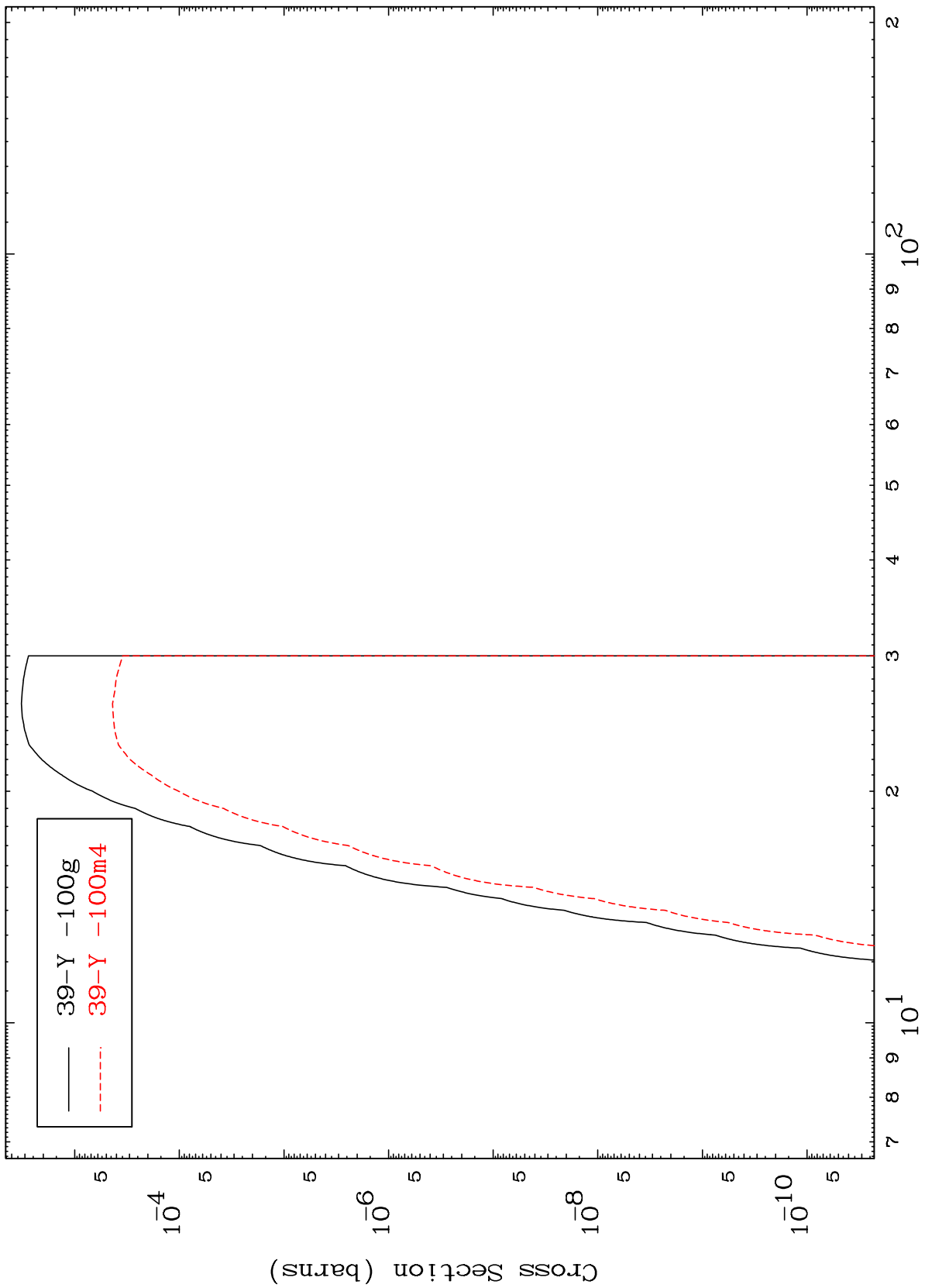
41-Nb-104

Incident Energy (MeV)

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41-Nb-104

(n,n')  $\alpha$   
Radionuclide Production Cross Section



122

Incident Energy (MeV)

41-Nb-104

Radionuclide Production Cross Section

