

Program EVALPLOT
(Version 2017-1)

by

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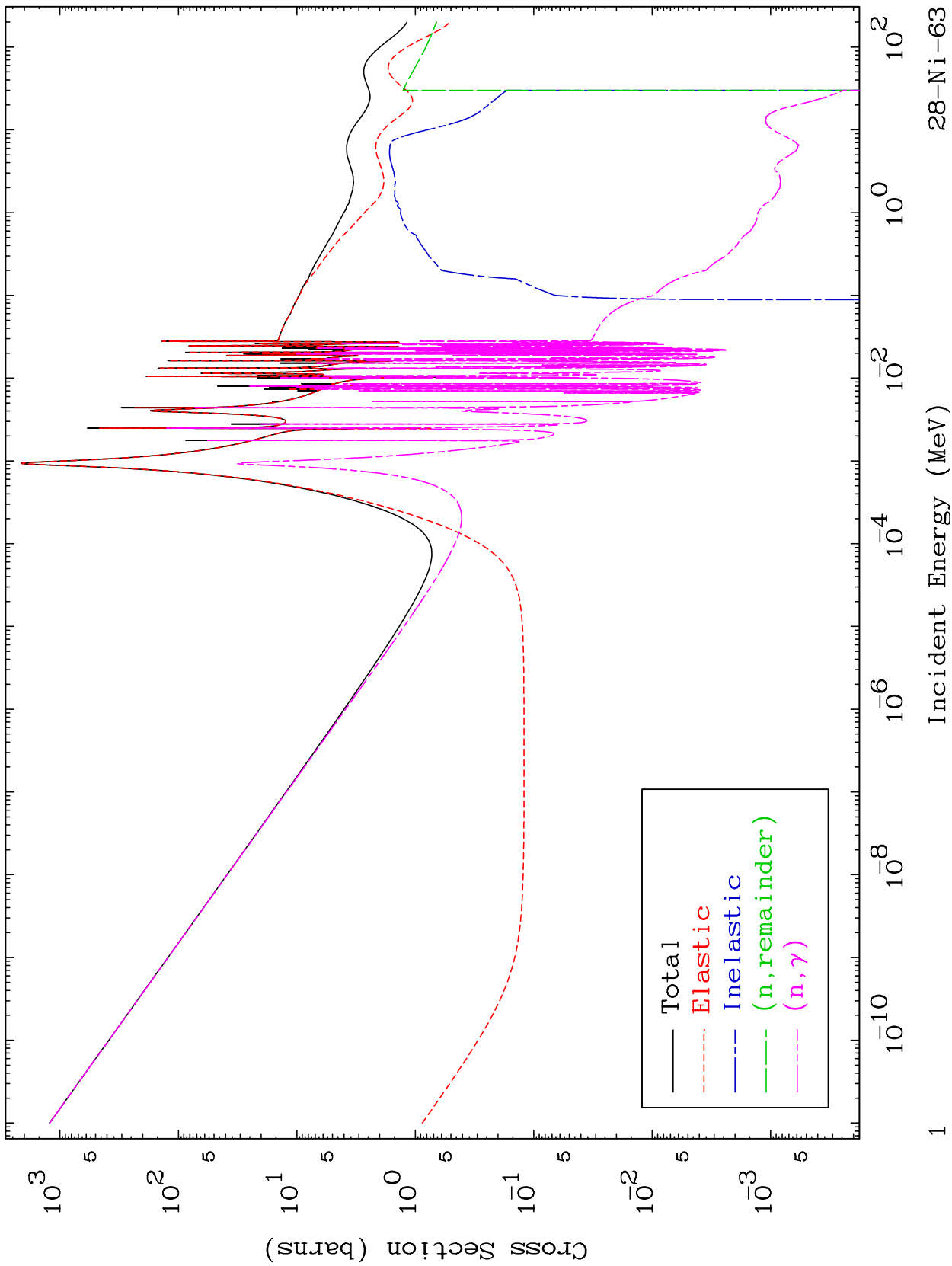
Press Mouse Button to Start

MAT 2840

Major

293 Kelvin Cross Sections

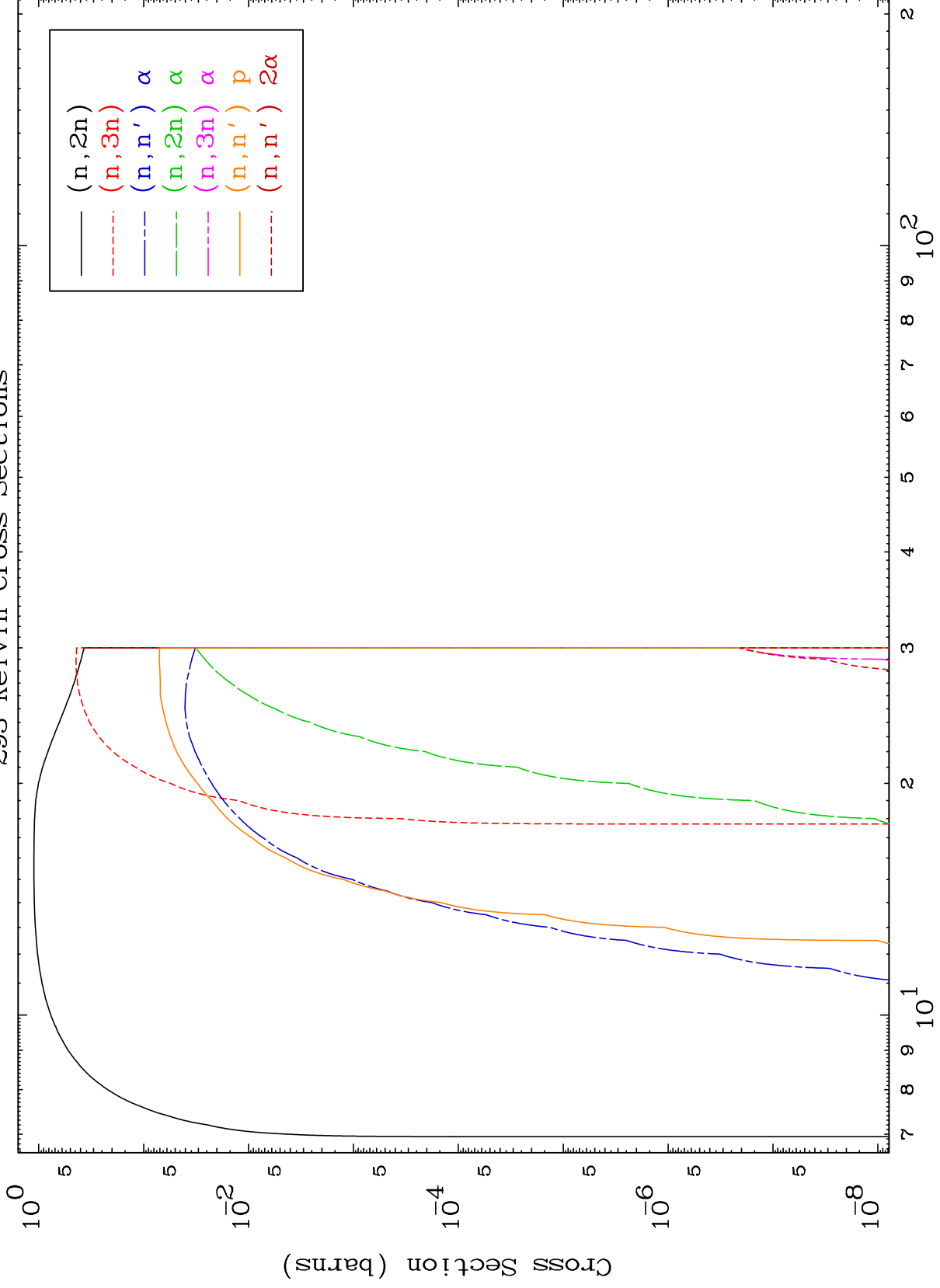
28-Ni-63



MAT 2840

Neutron Production
293 Kelvin Cross Sections

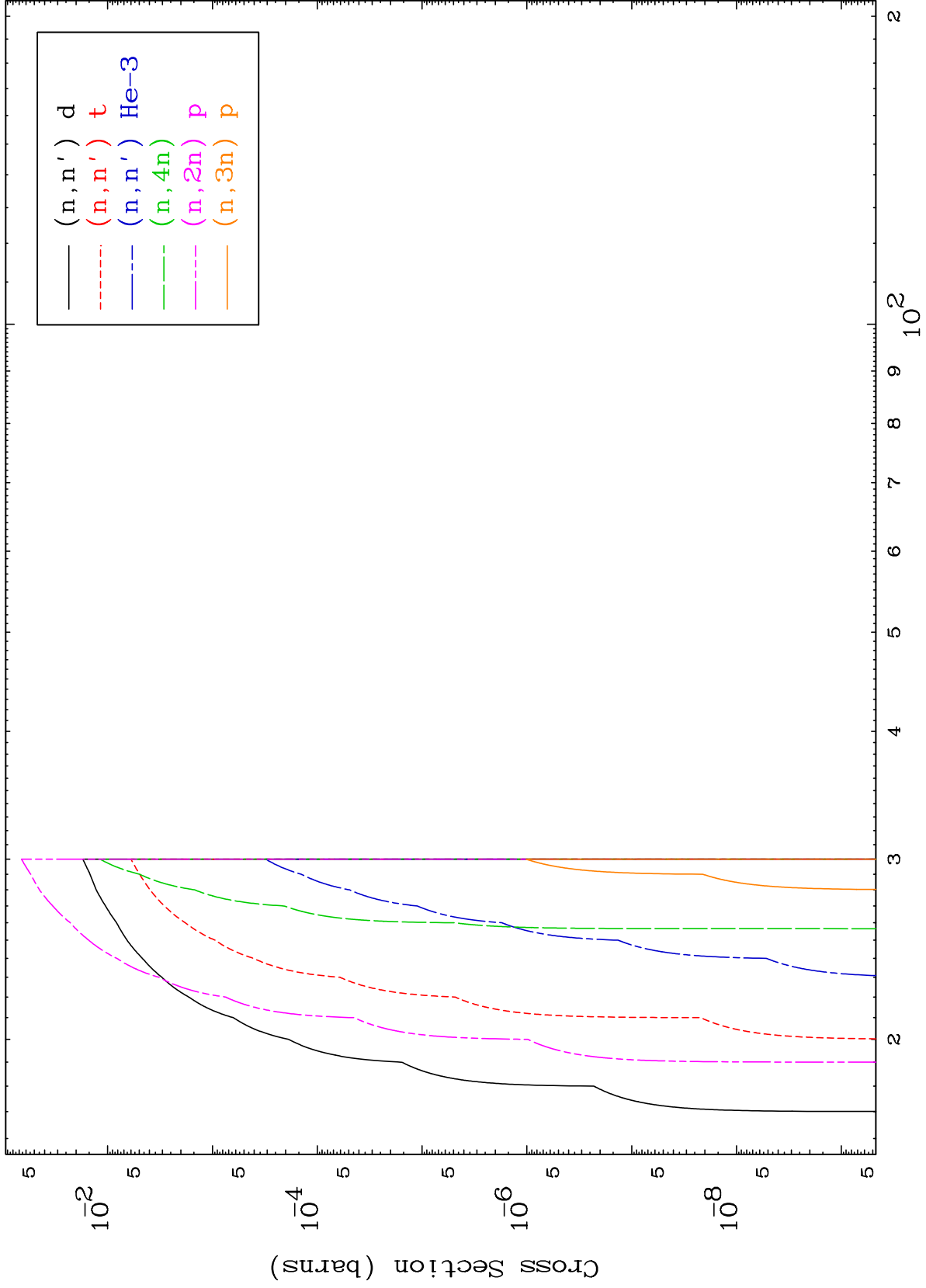
28-Ni-63

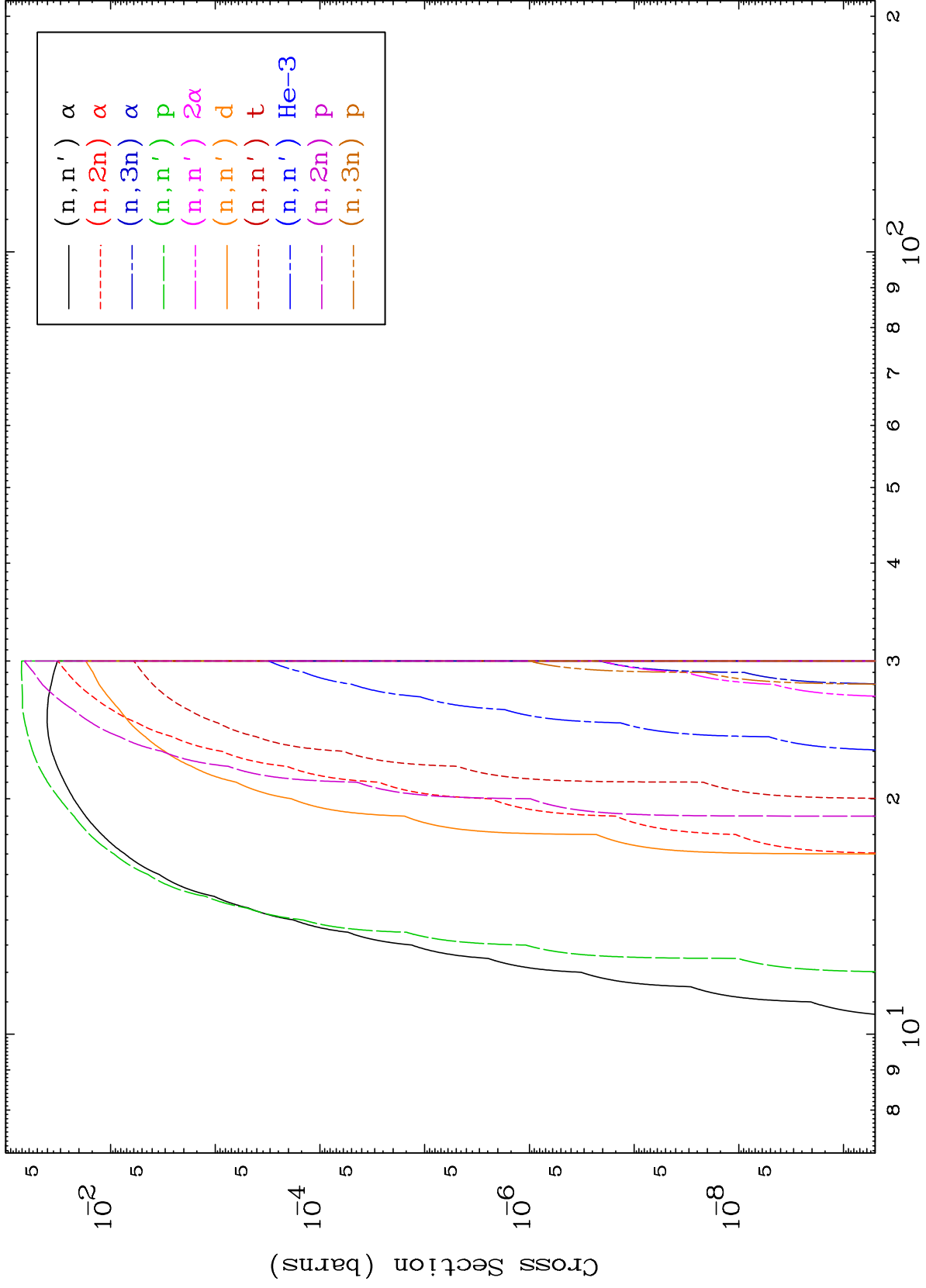


2

Incident Energy (MeV)

28-Ni-63

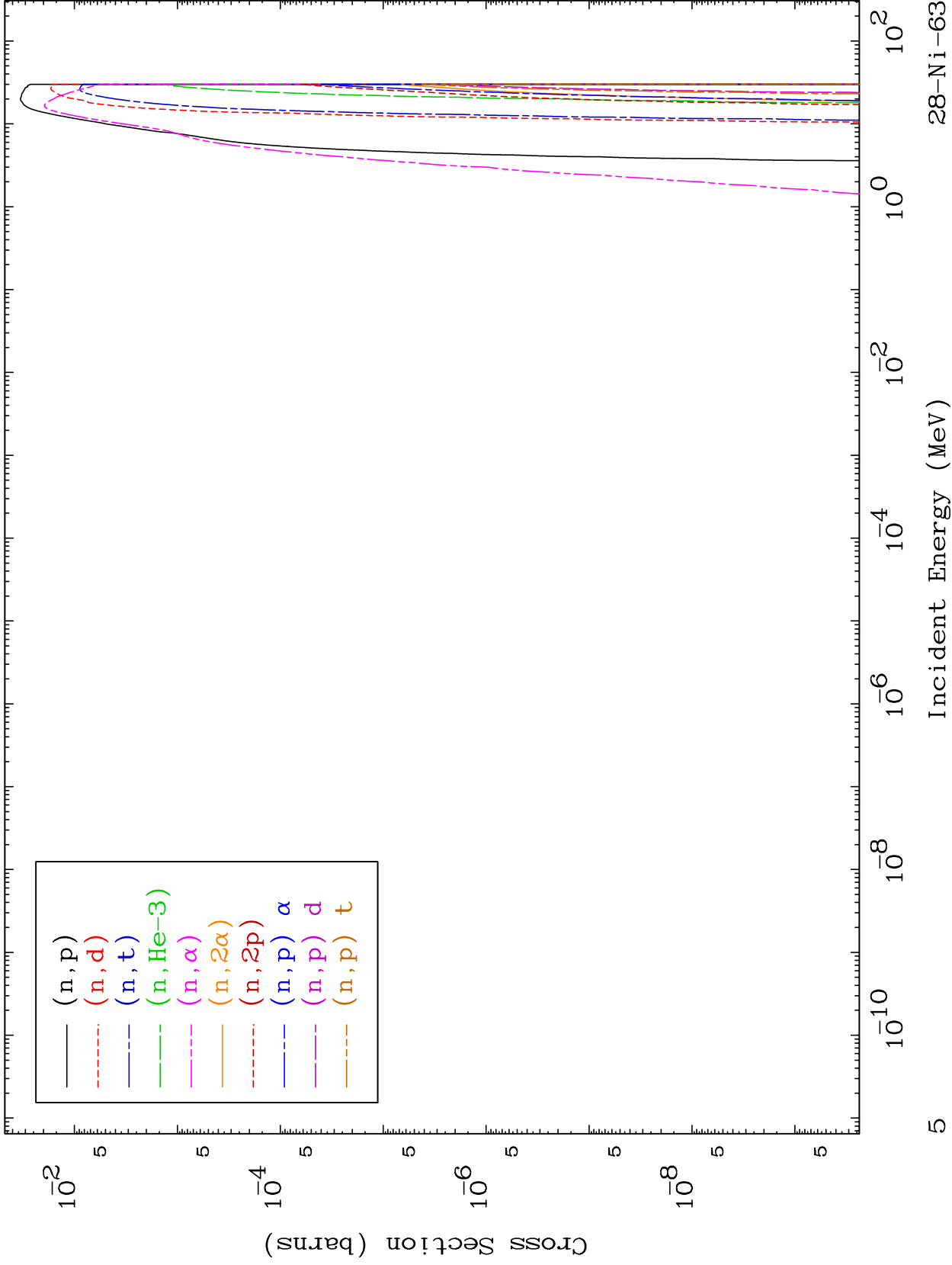




MAT 2840

Charged Particle
293 Kelvin Cross Sections

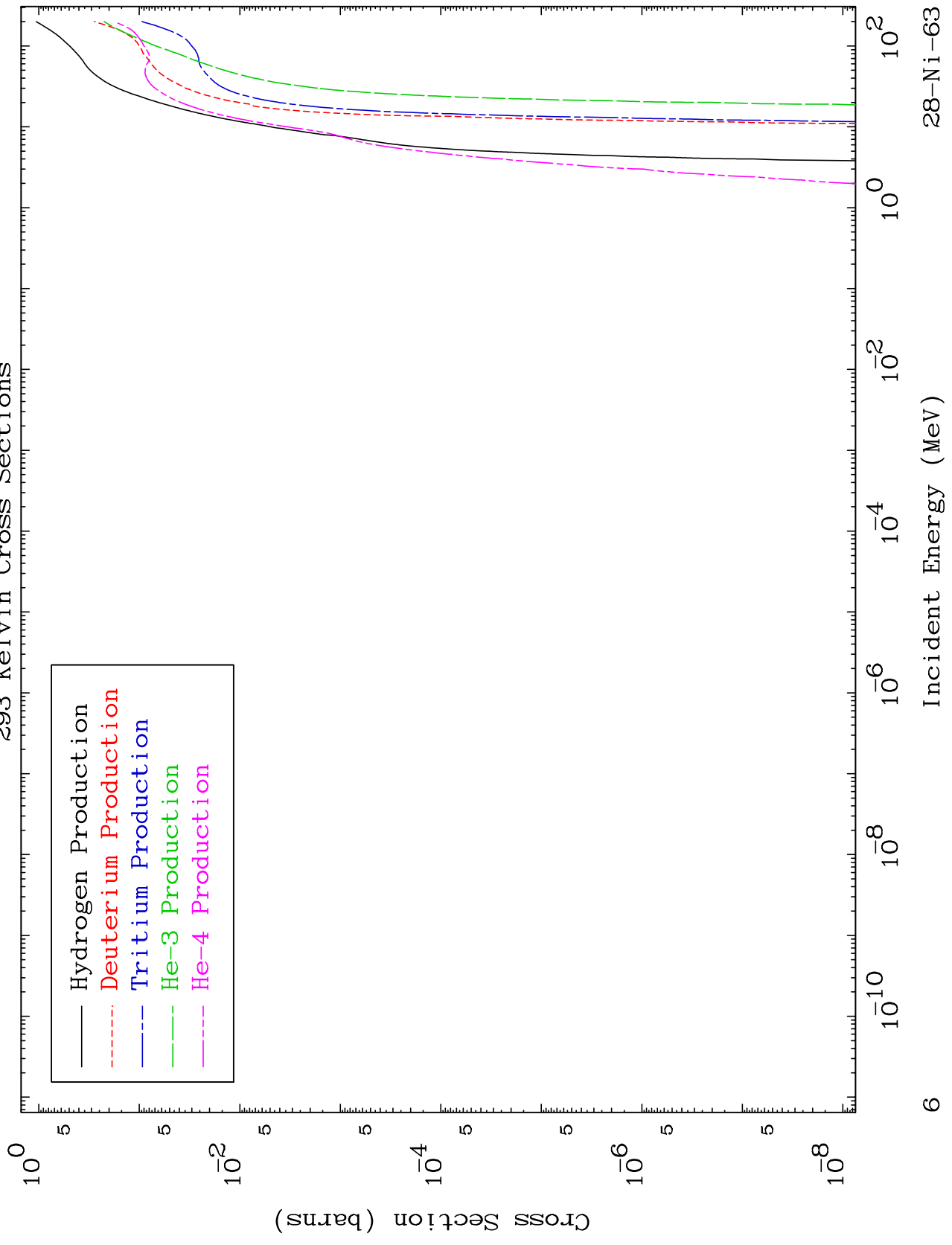
28-Ni-63



MAT 2840

Particle Production
293 Kelvin Cross Sections

28-Ni-63

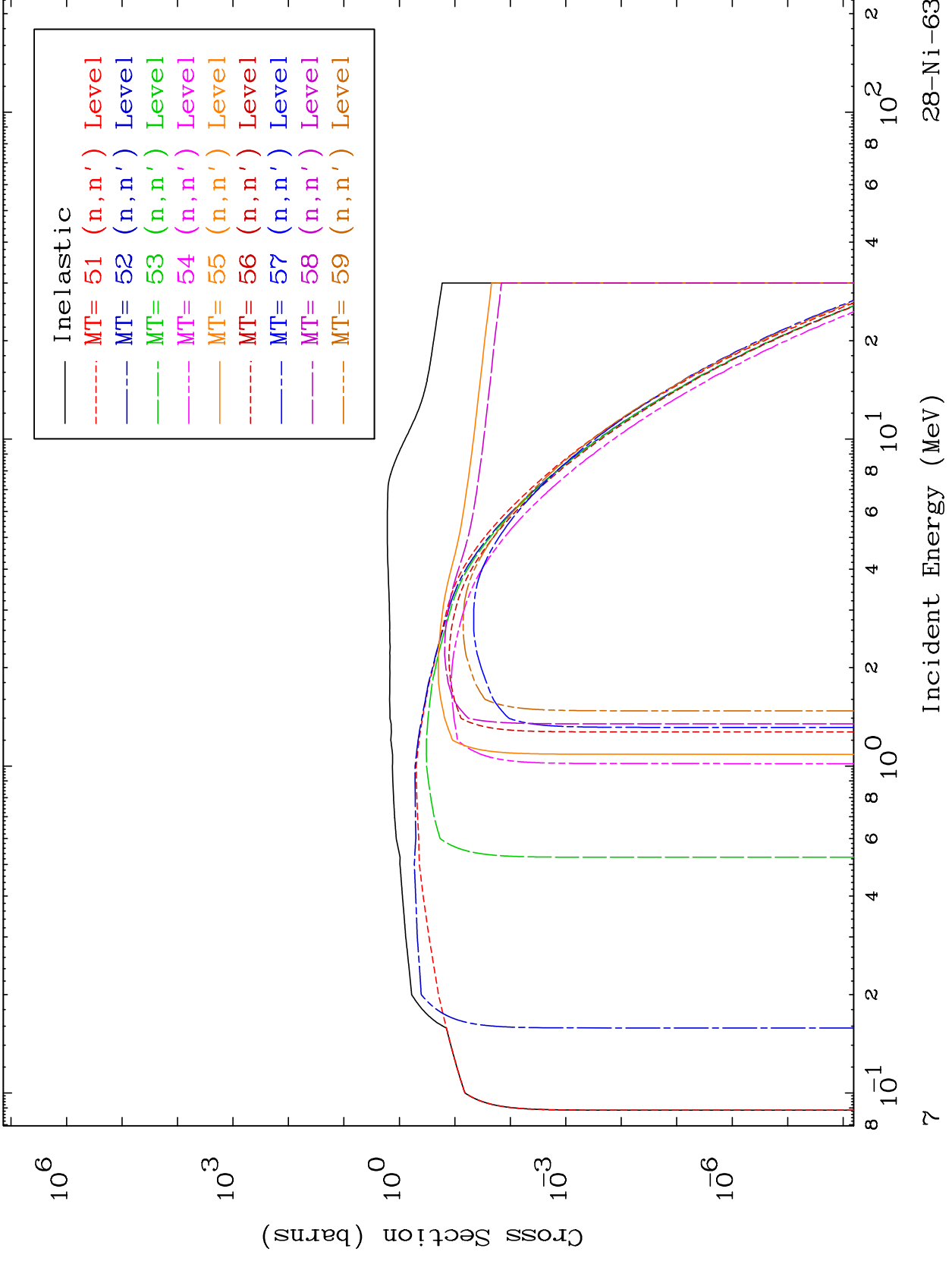


MAT 2840

(n,n') Level

28-Ni-63

293 Kelvin Cross Sections



28-Ni-63

Incident Energy (MeV)

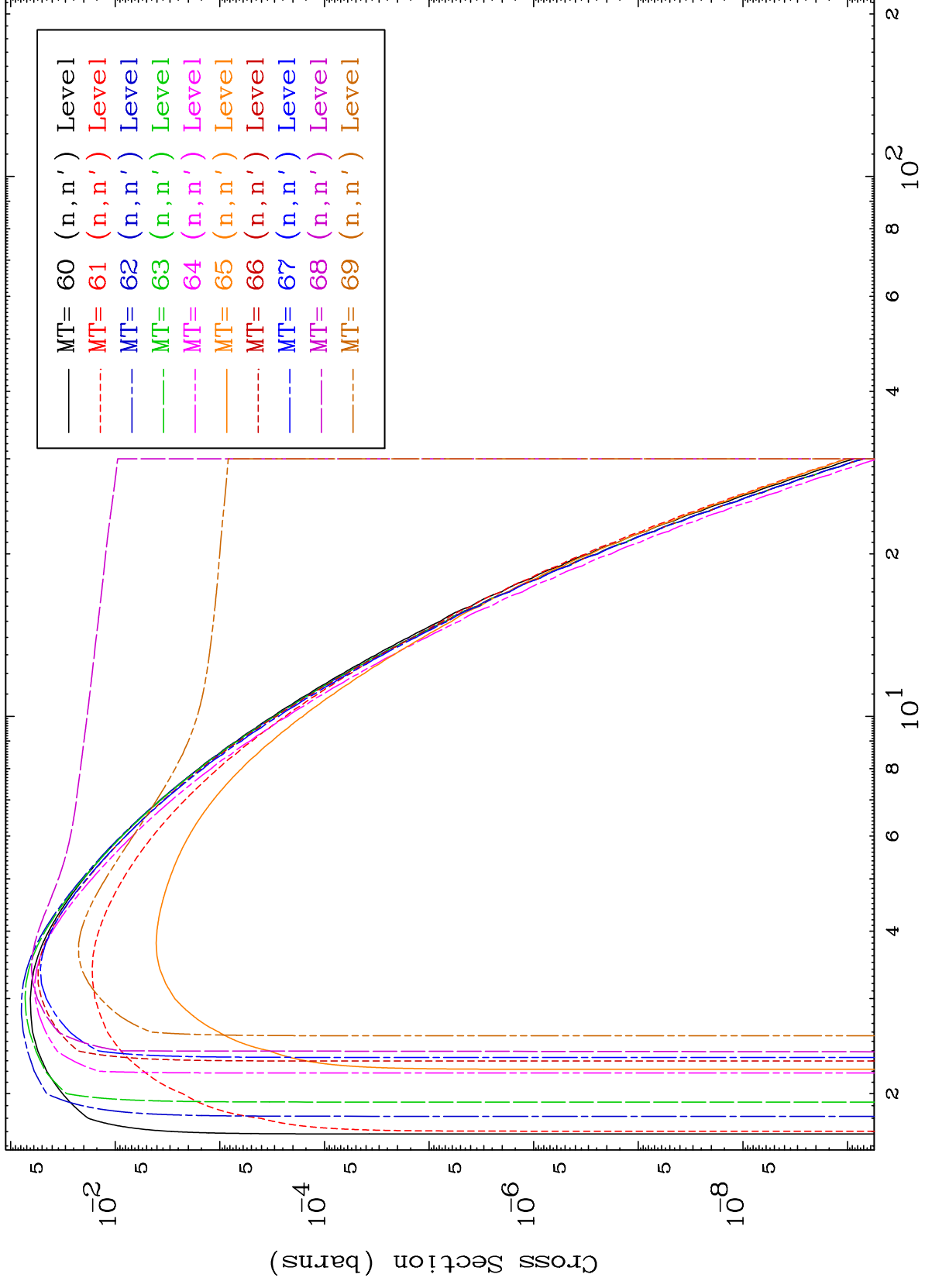
7

MAT 2840

(n,n') Level

28-Ni-63

293 Kelvin Cross Sections



8

Incident Energy (MeV)

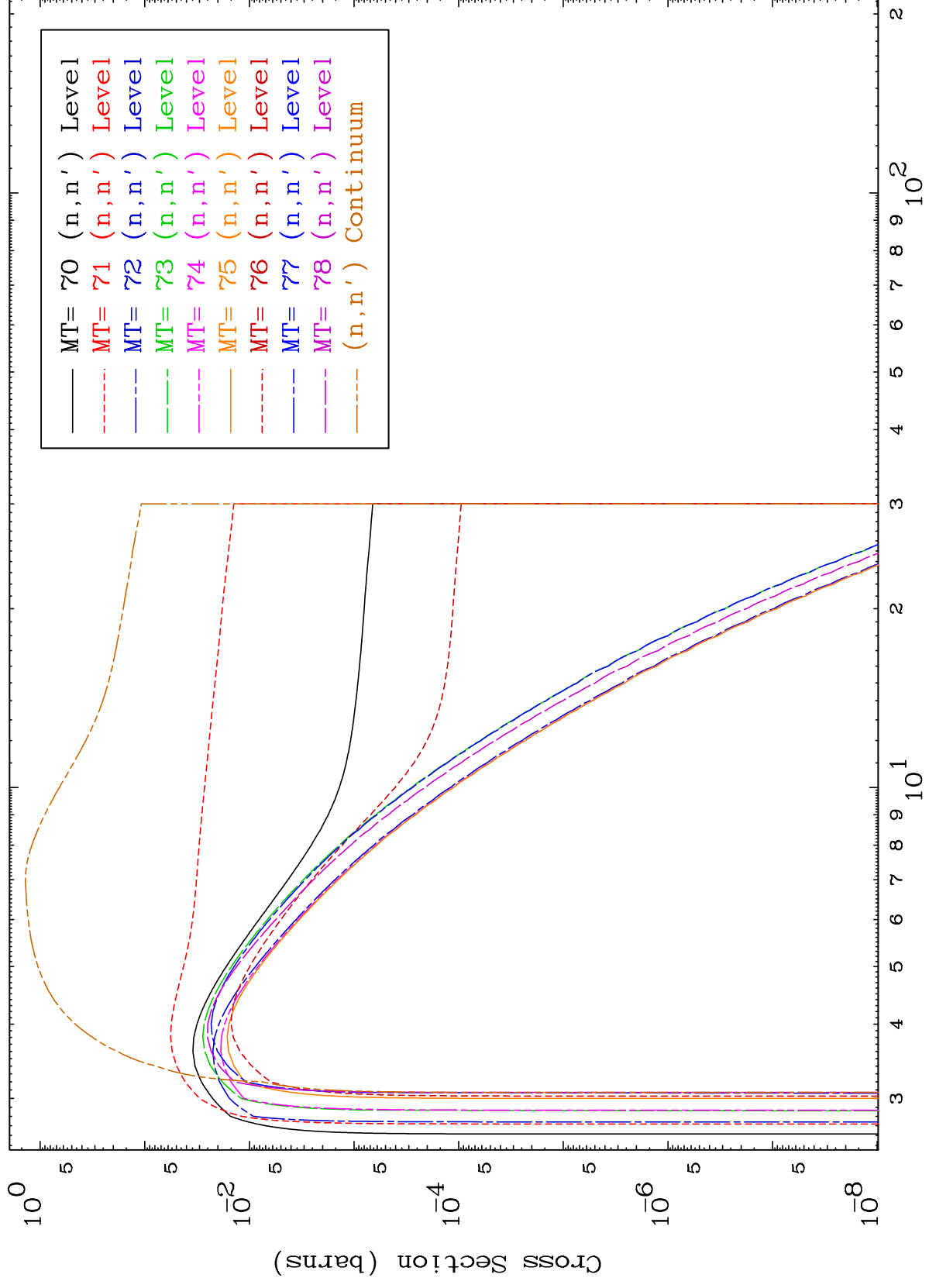
28-Ni-63

MAT 2840

(n,n') Level

28-Ni-63

293 Kelvin Cross Sections



9

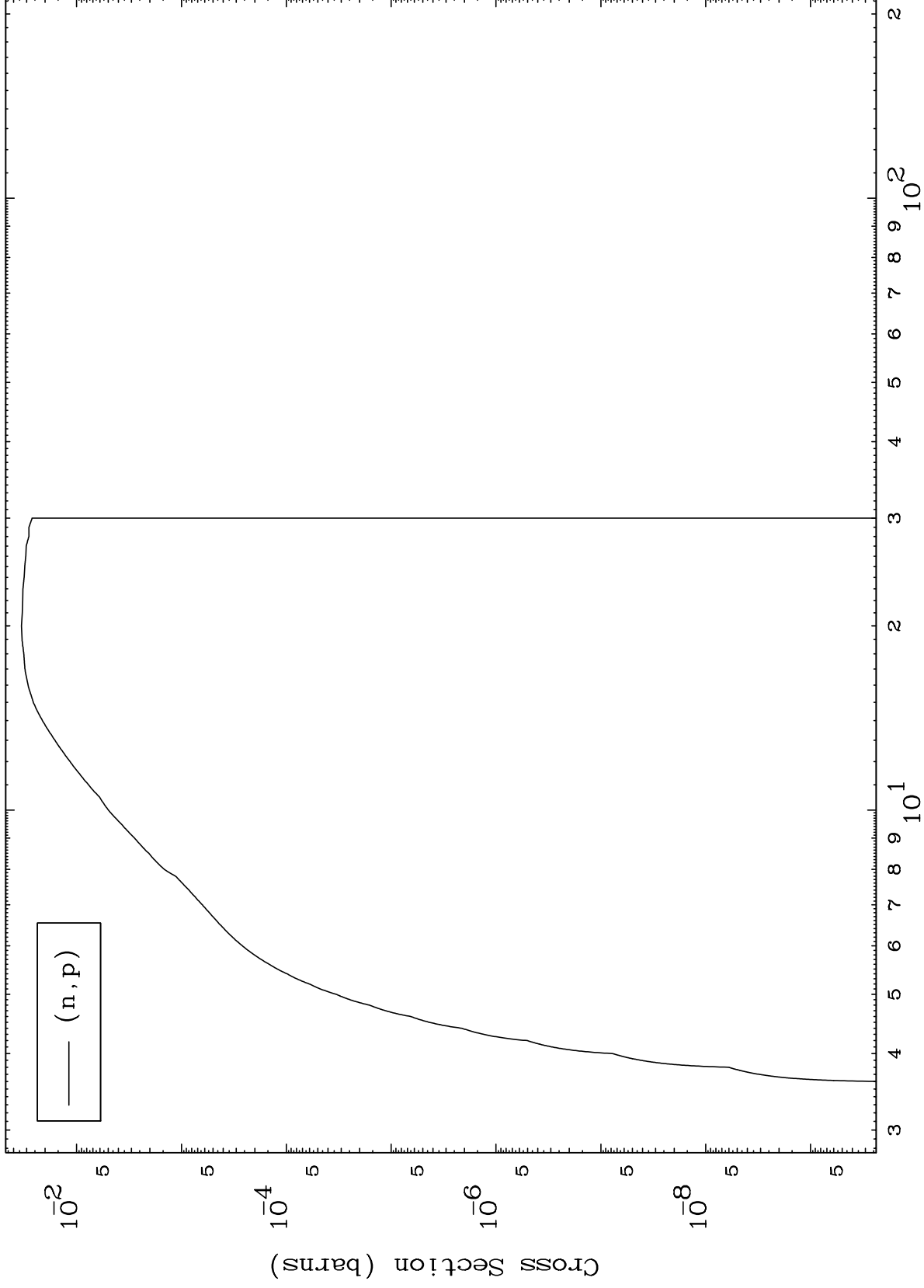
Incident Energy (MeV)

28-Ni-63

MAT 2840

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-63



Incident Energy (MeV)

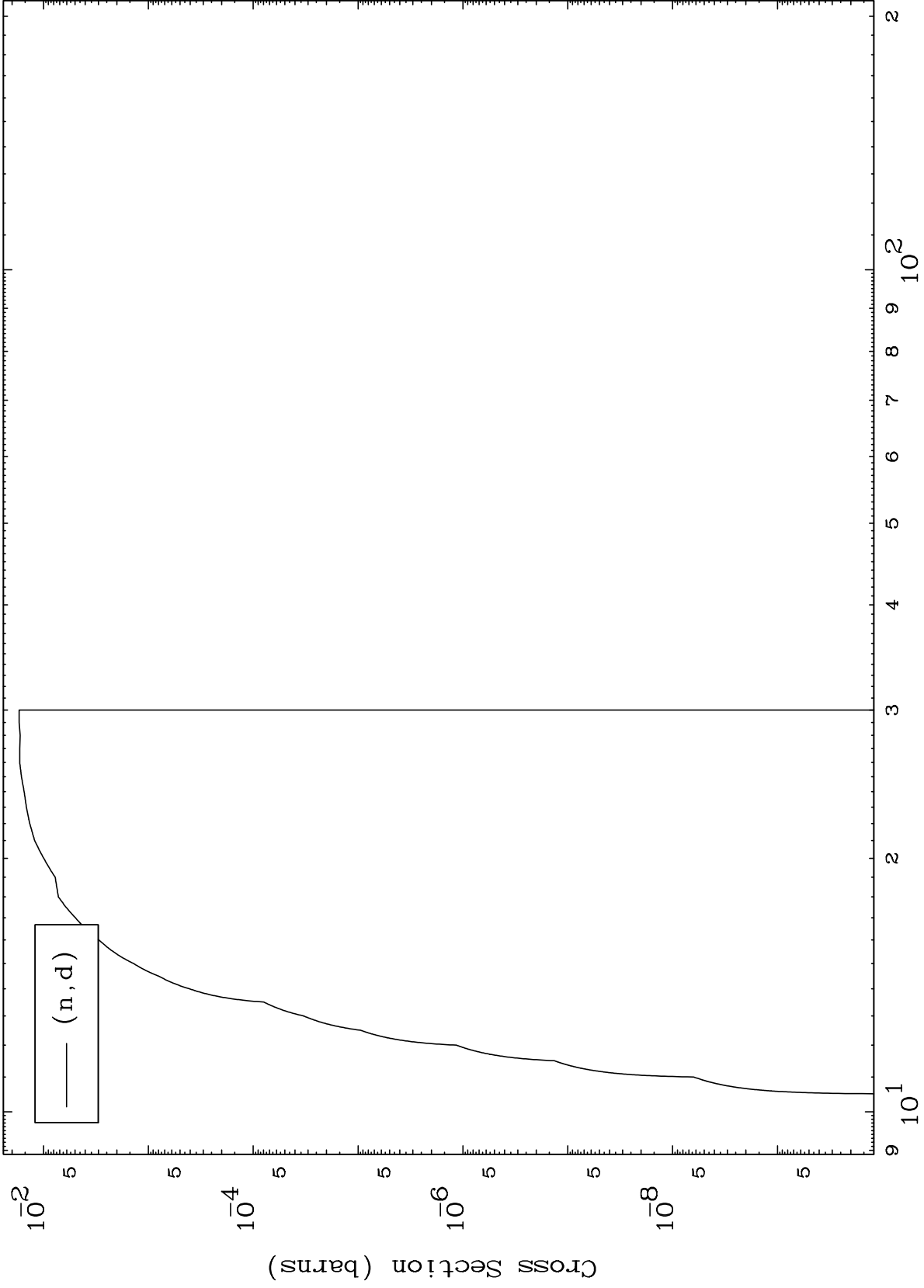
28-Ni-63

10

MAT 2840

(n,d) Levels
293 Kelvin Cross Sections

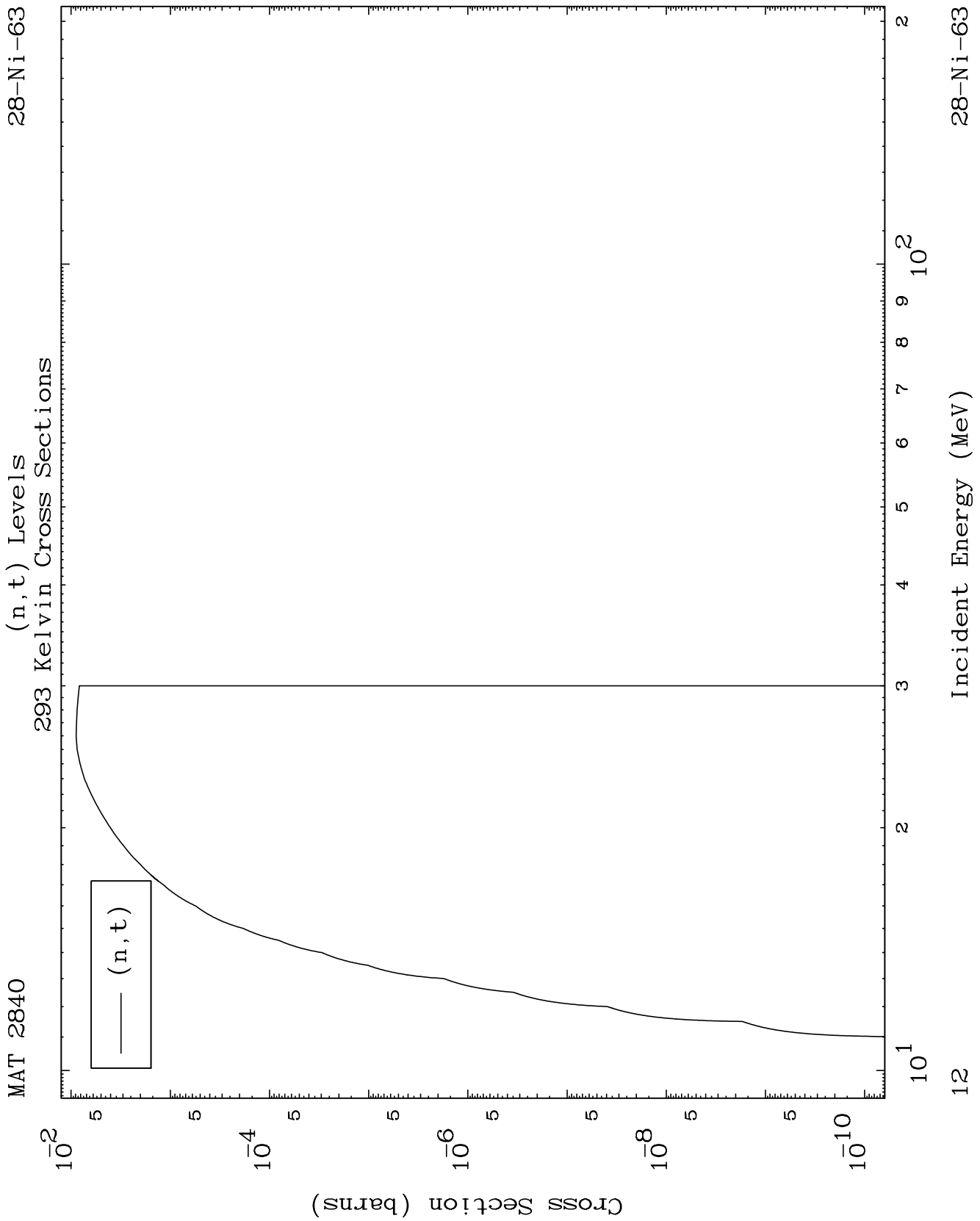
28-Ni-63



11

Incident Energy (MeV)

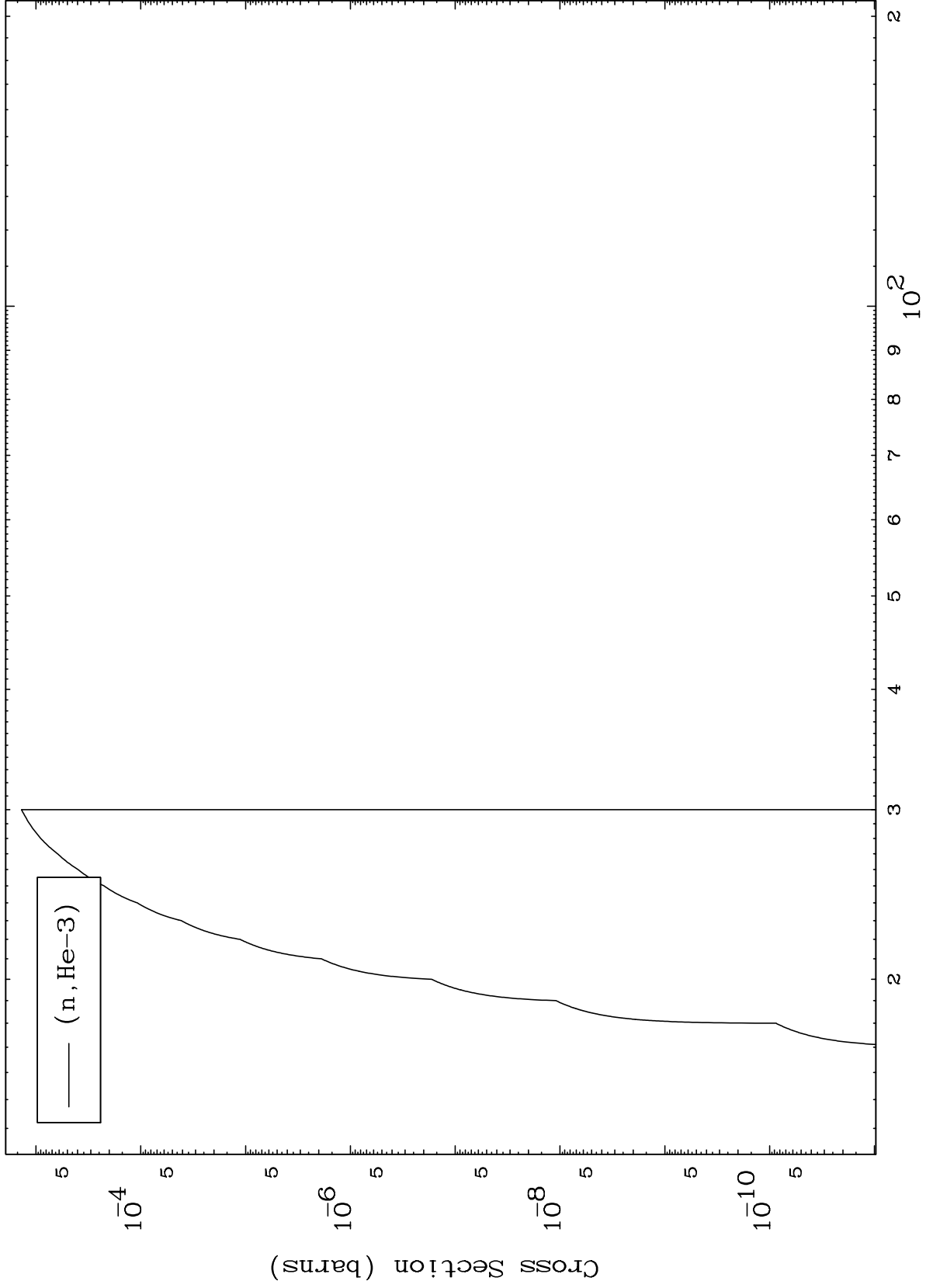
28-Ni-63



MAT 2840

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-63



13

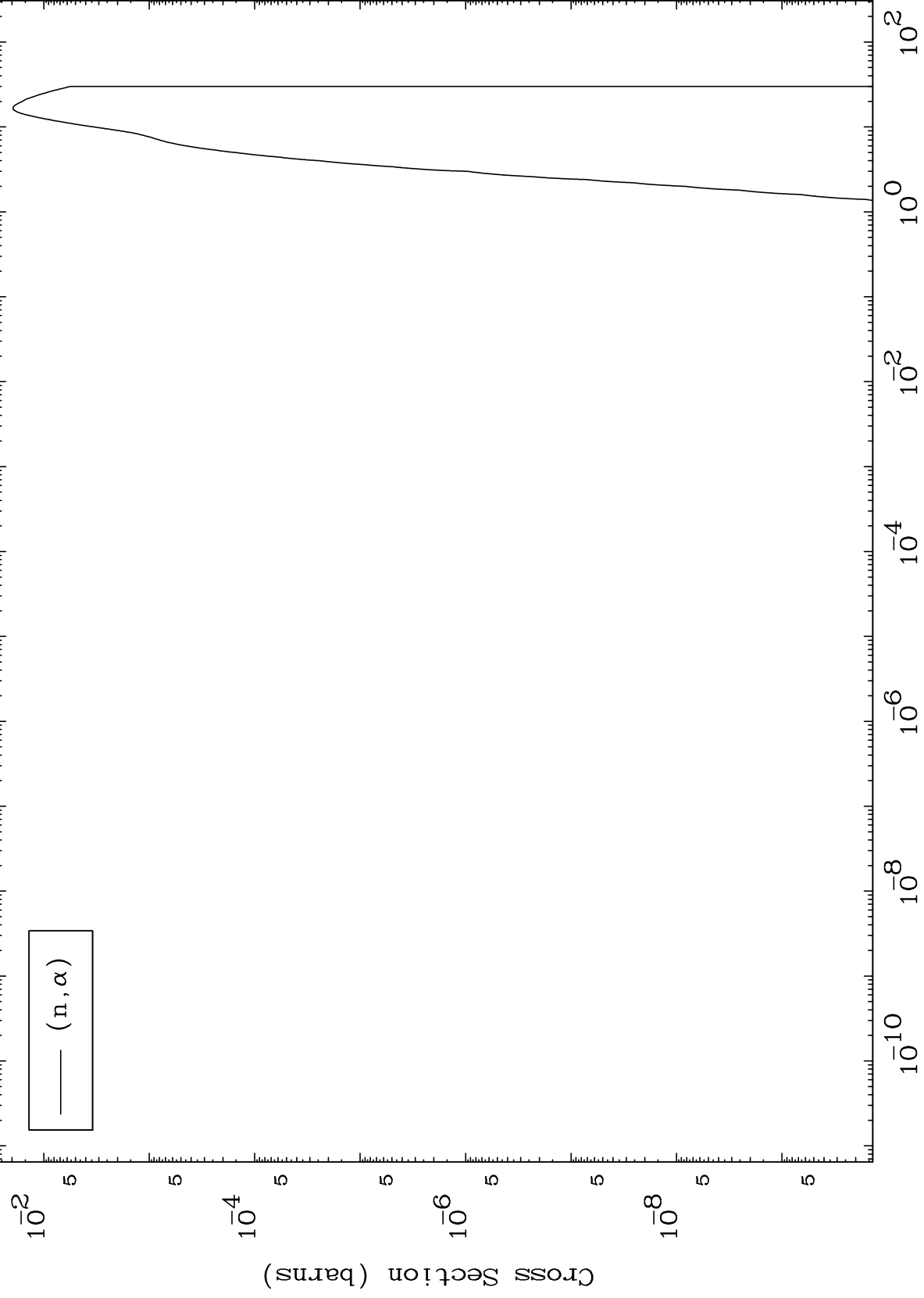
Incident Energy (MeV)

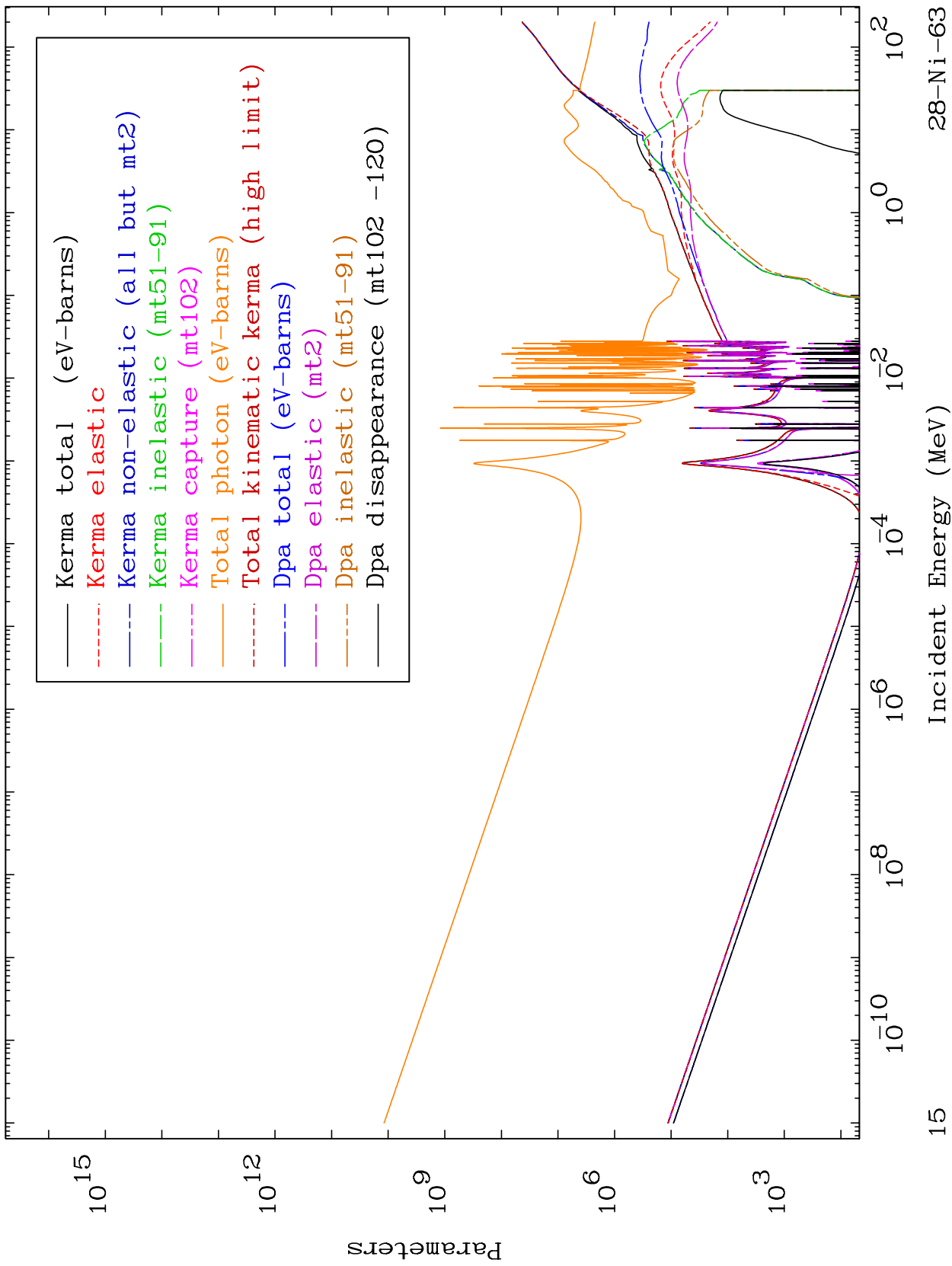
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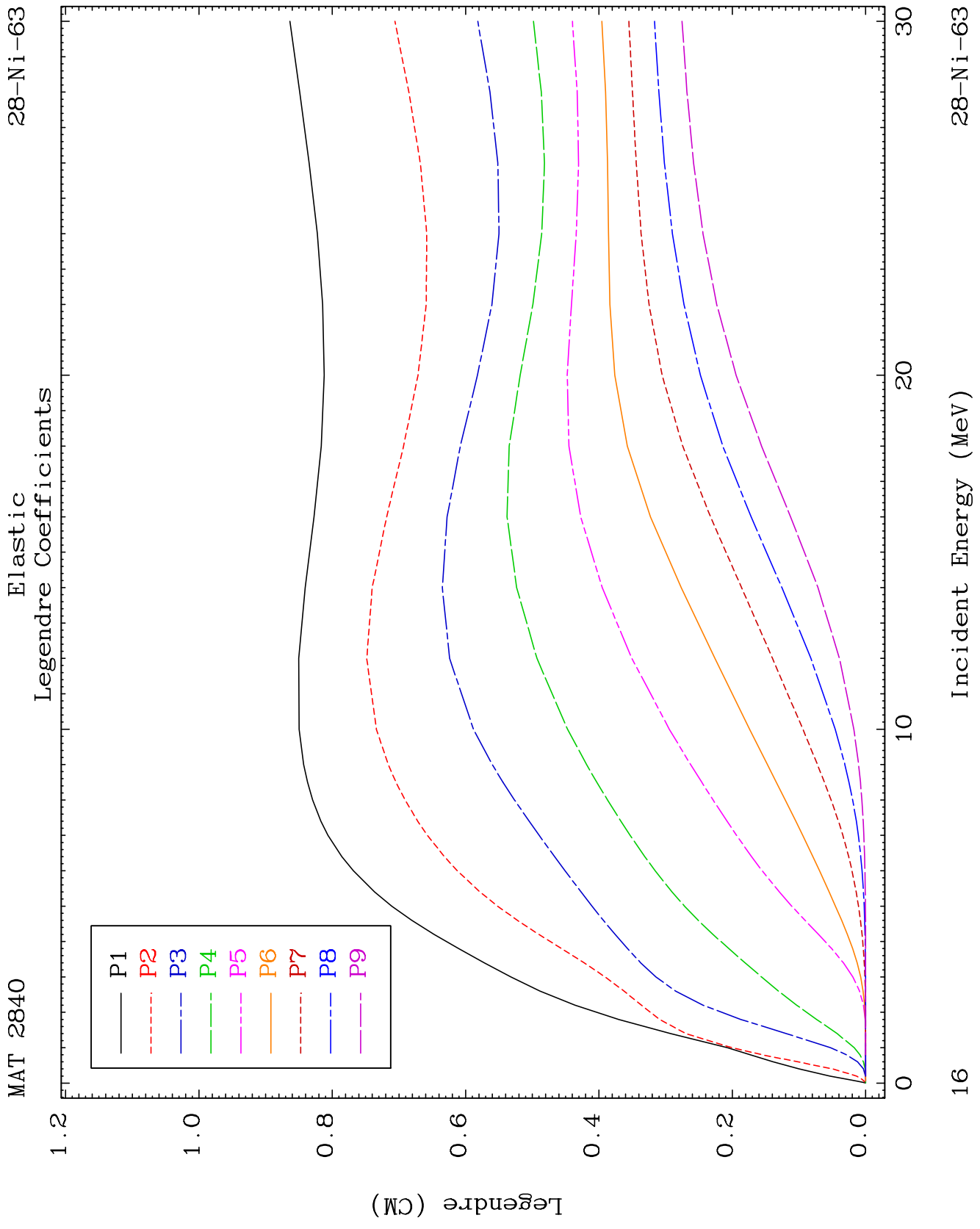
MAT 2840

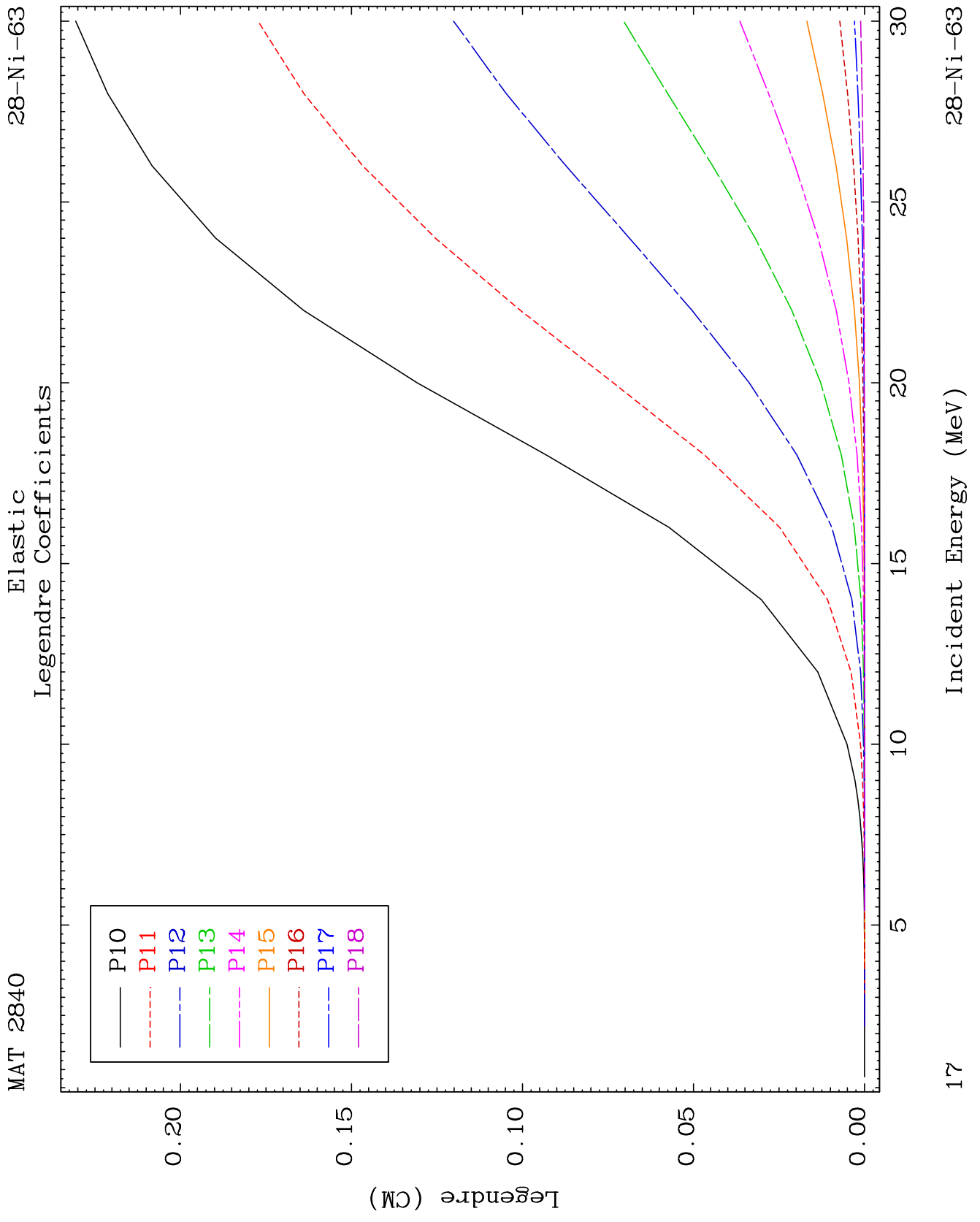
(n, α) Levels
293 Kelvin Cross Sections

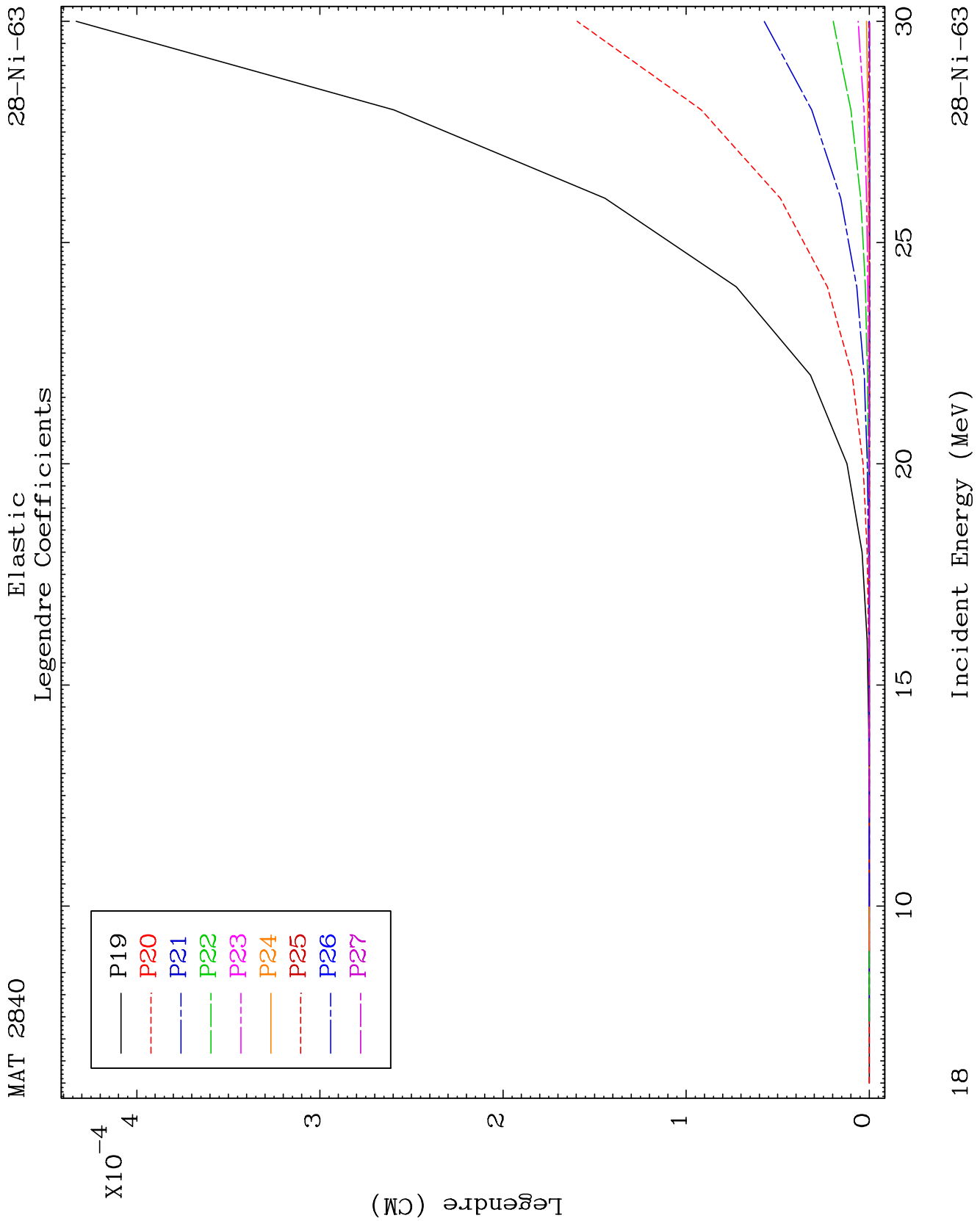
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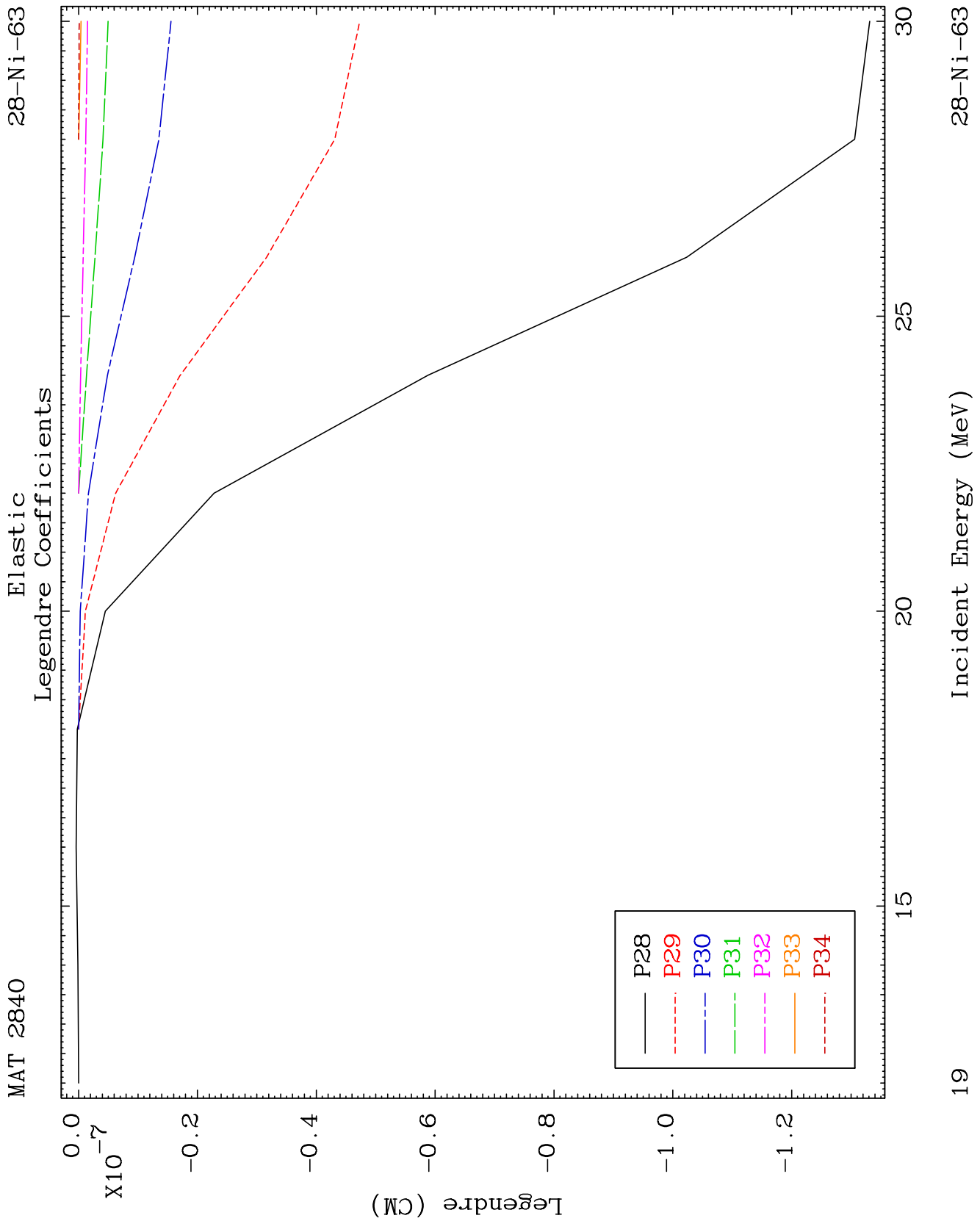


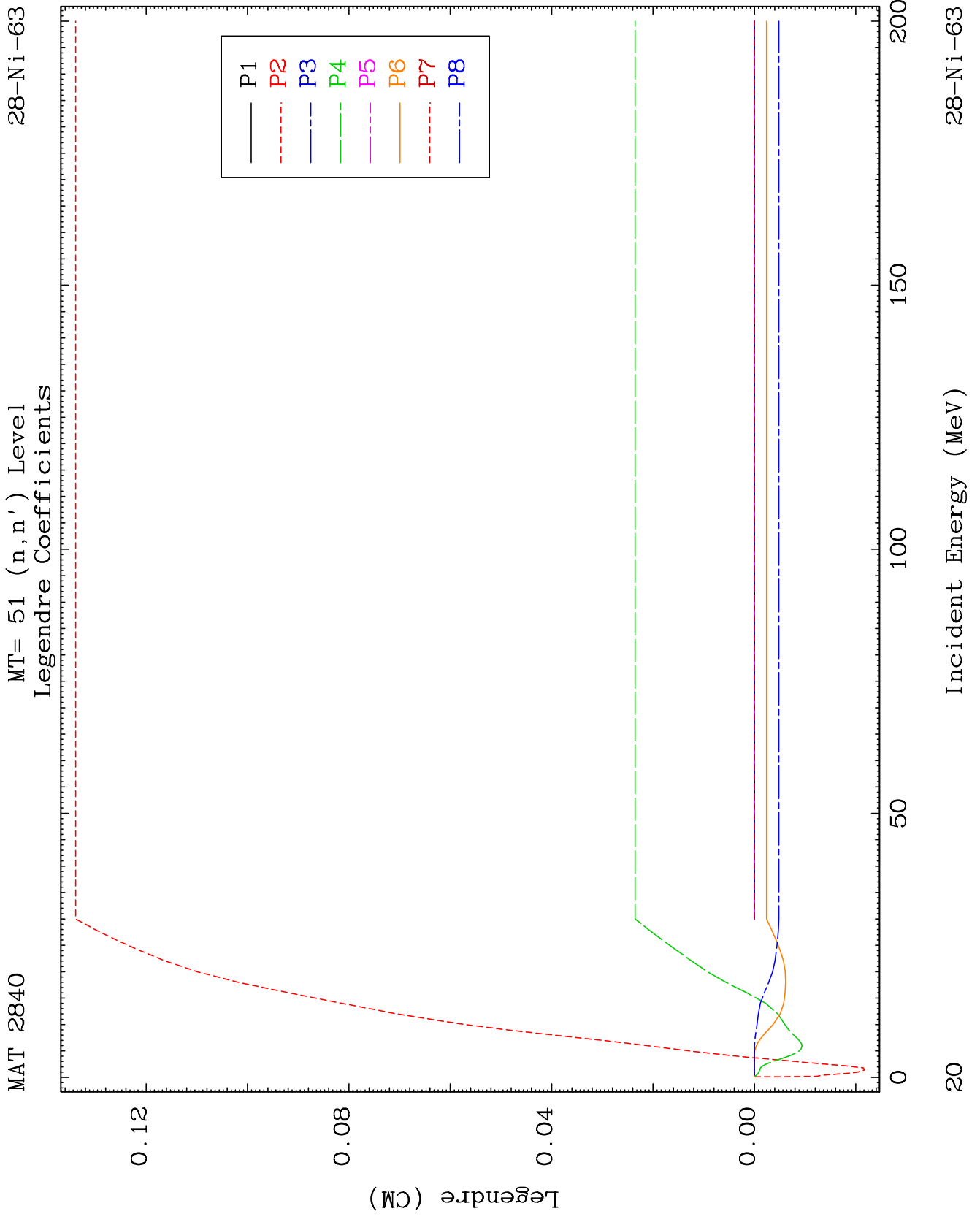


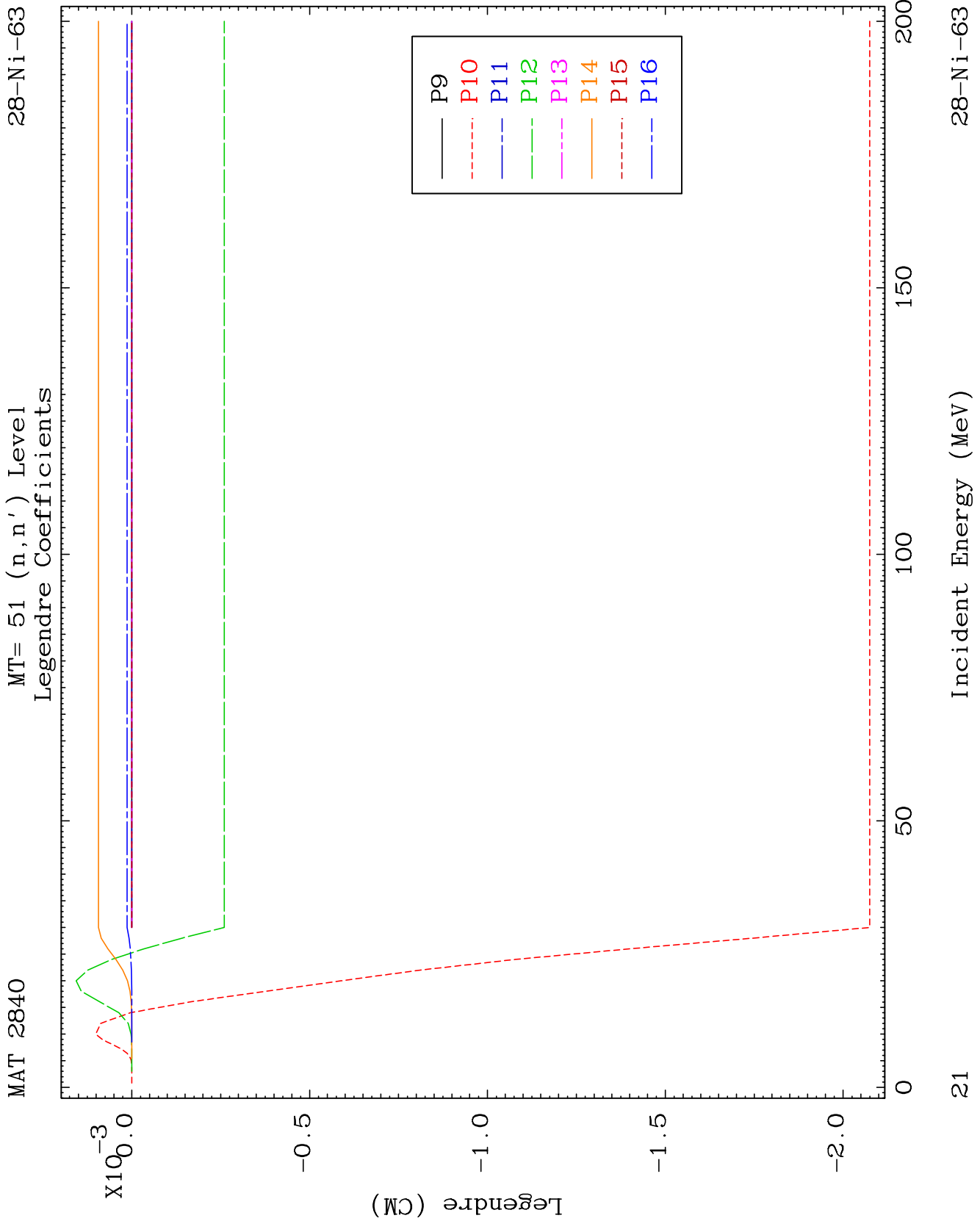


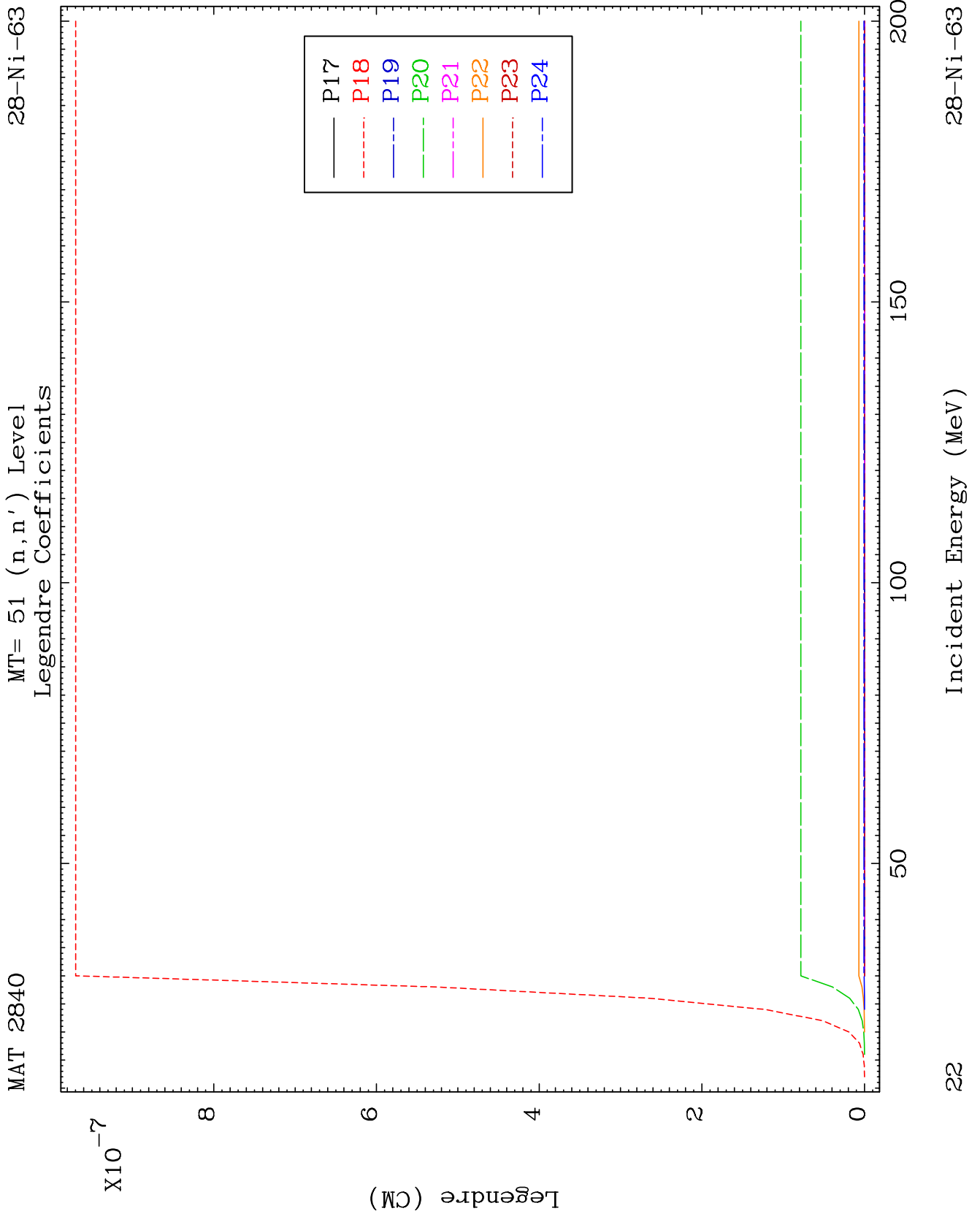


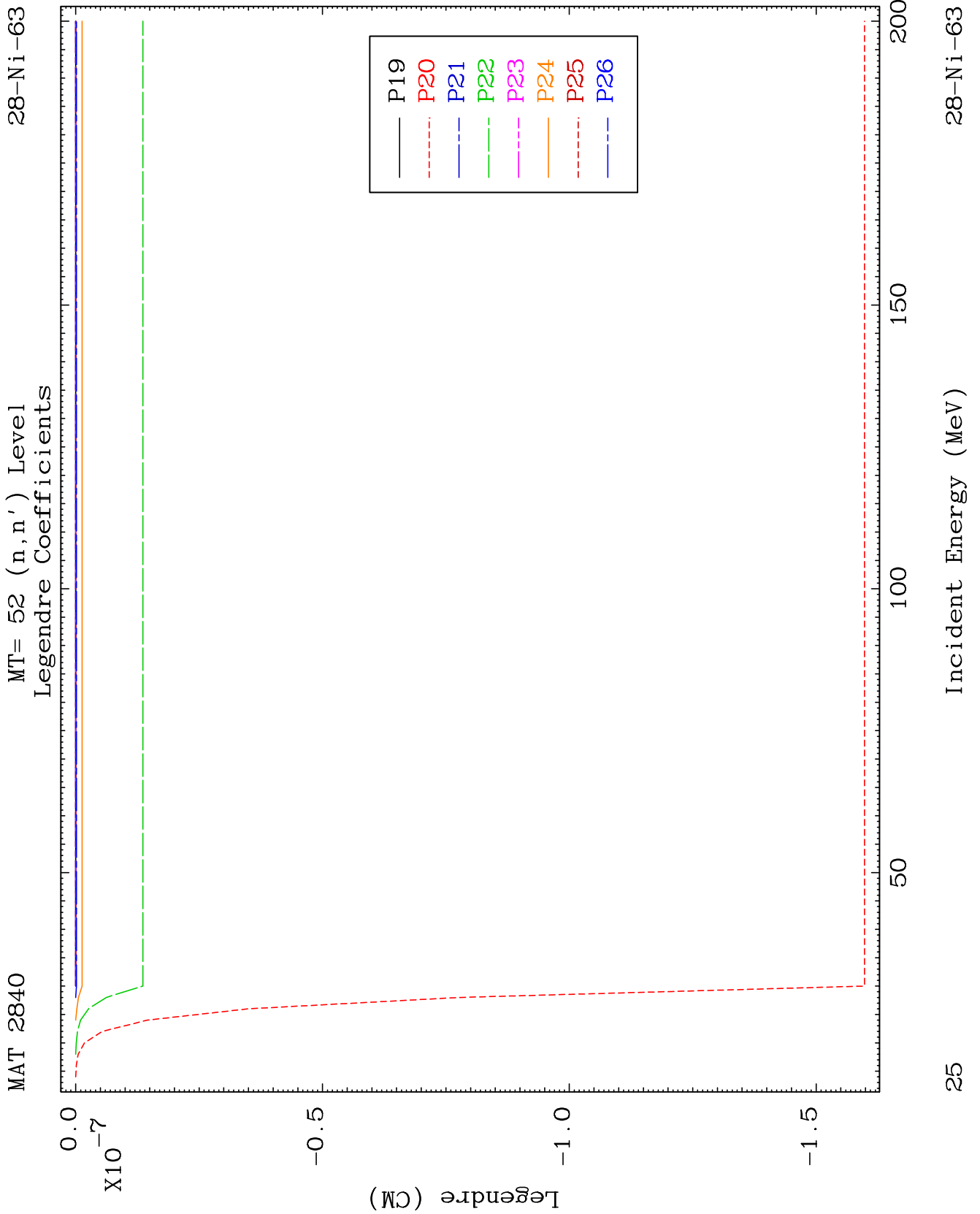








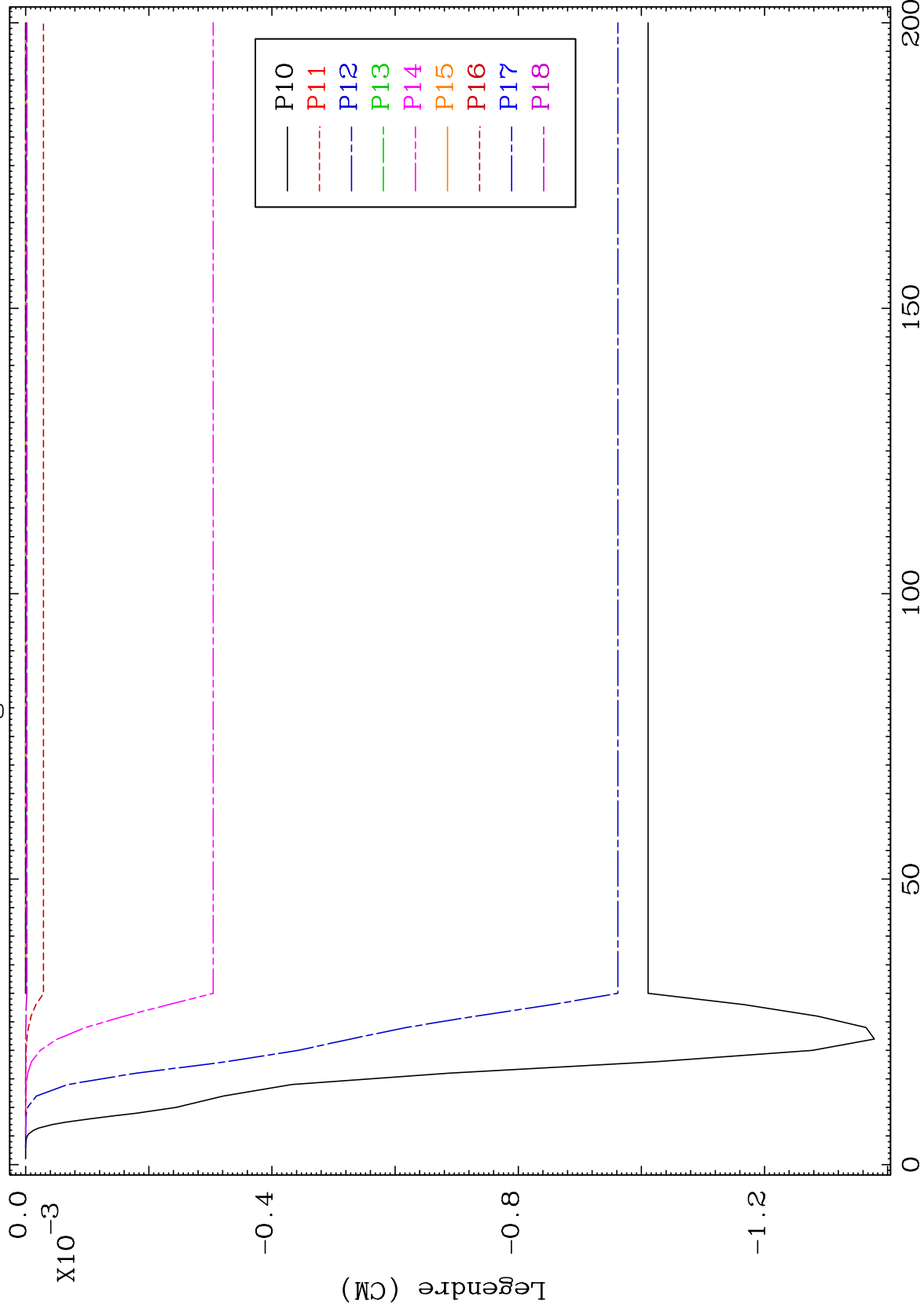




MAT 2840

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

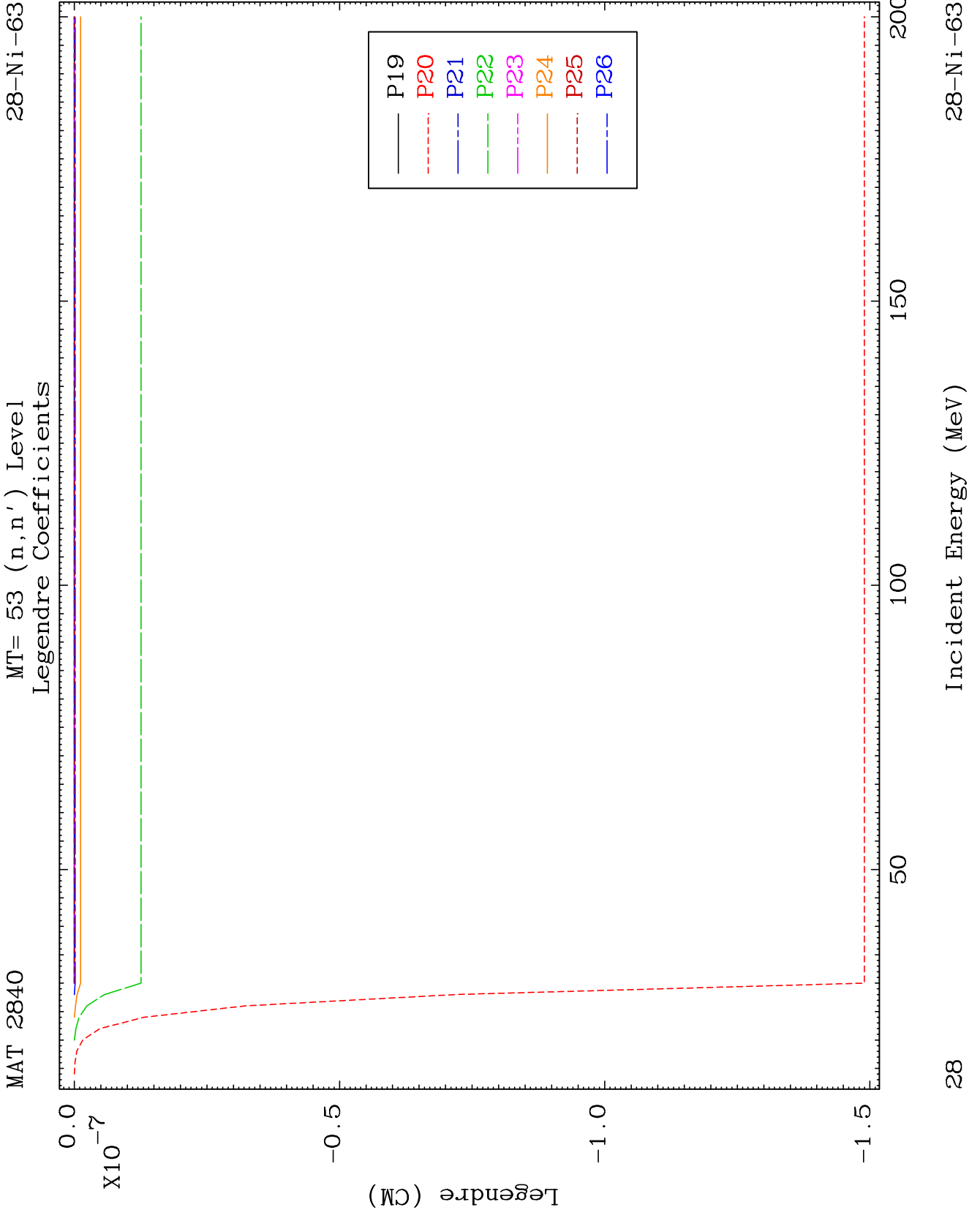
28-Ni-63

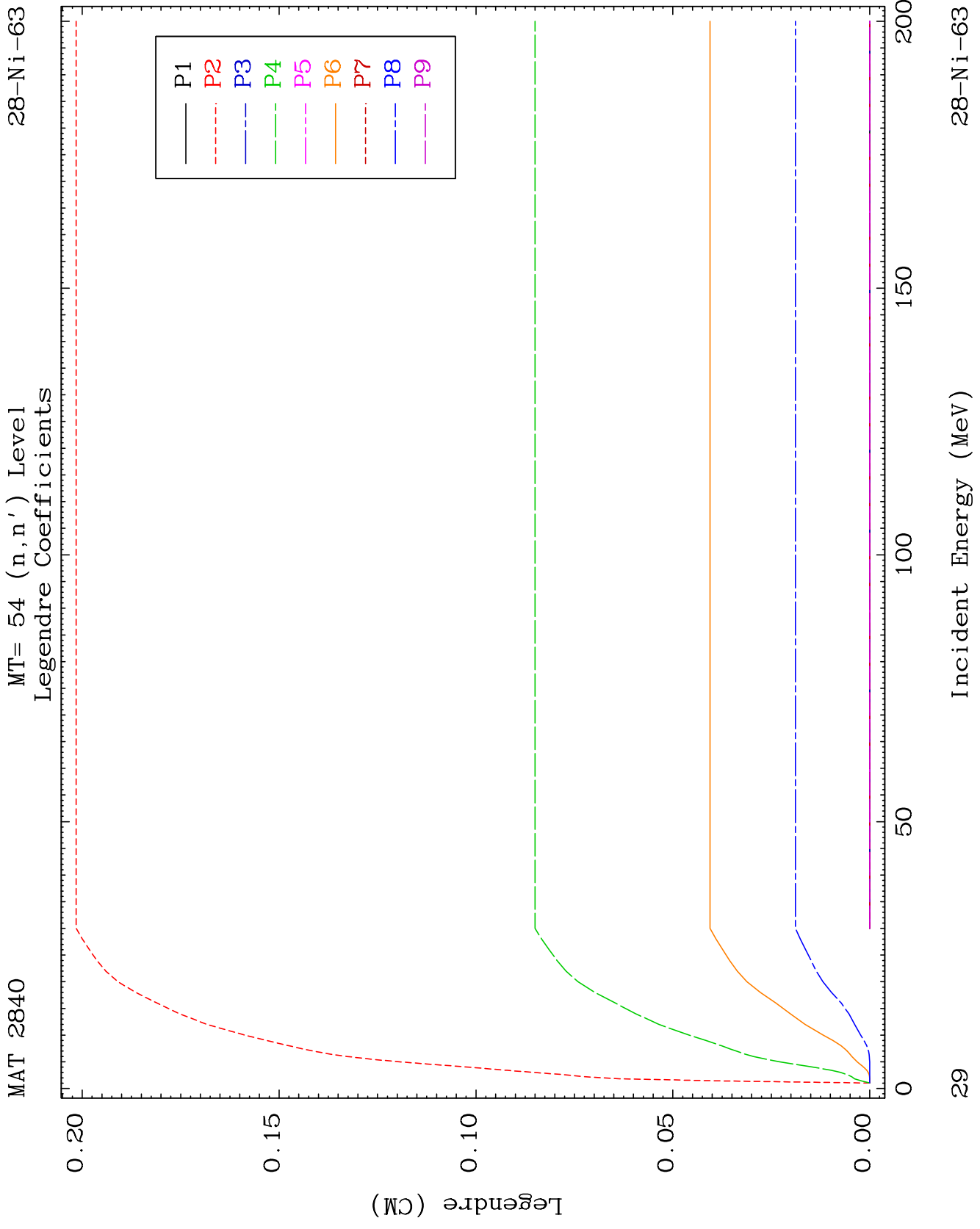


28-Ni-63

Incident Energy (MeV)

27

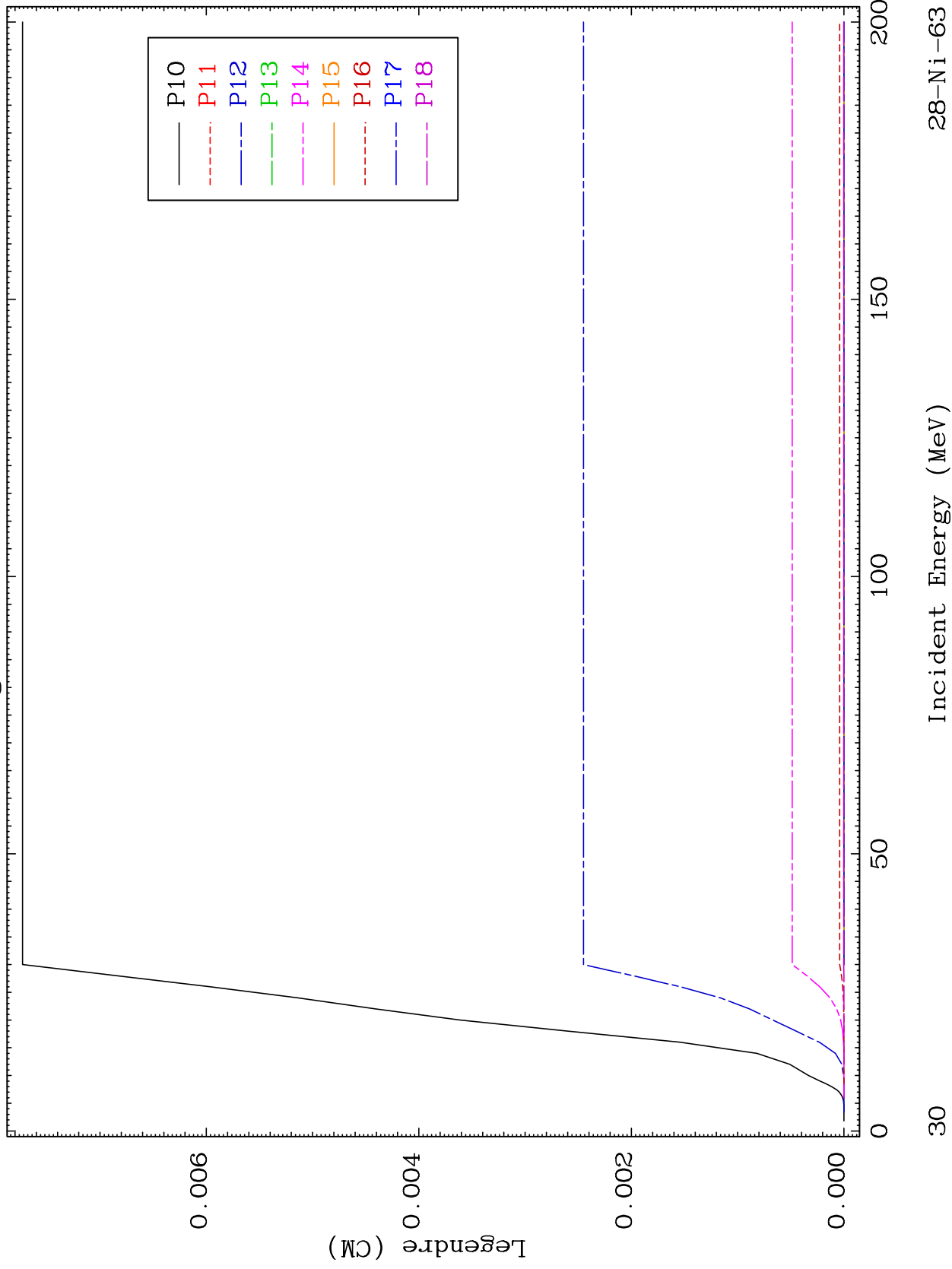




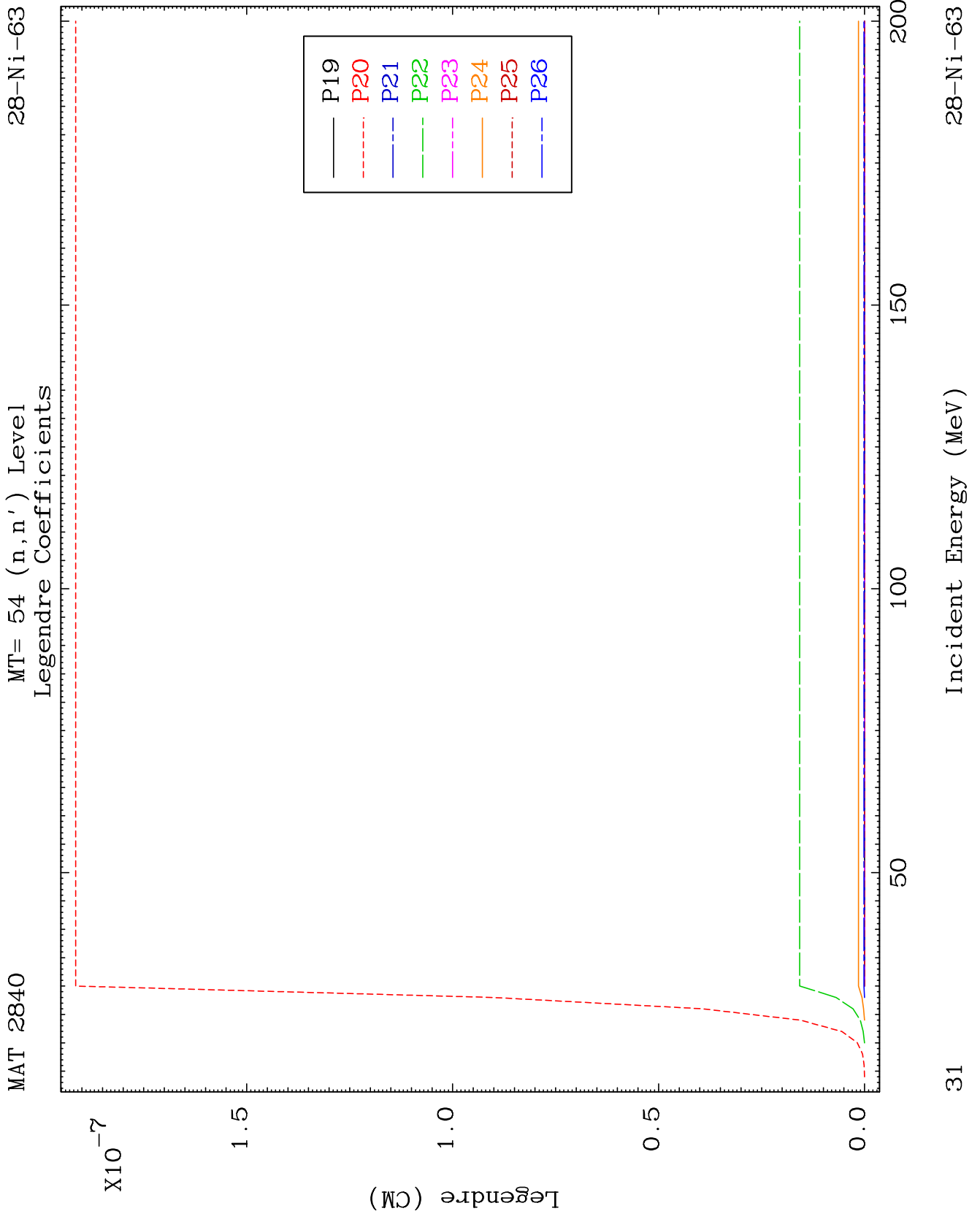
MAT 2840

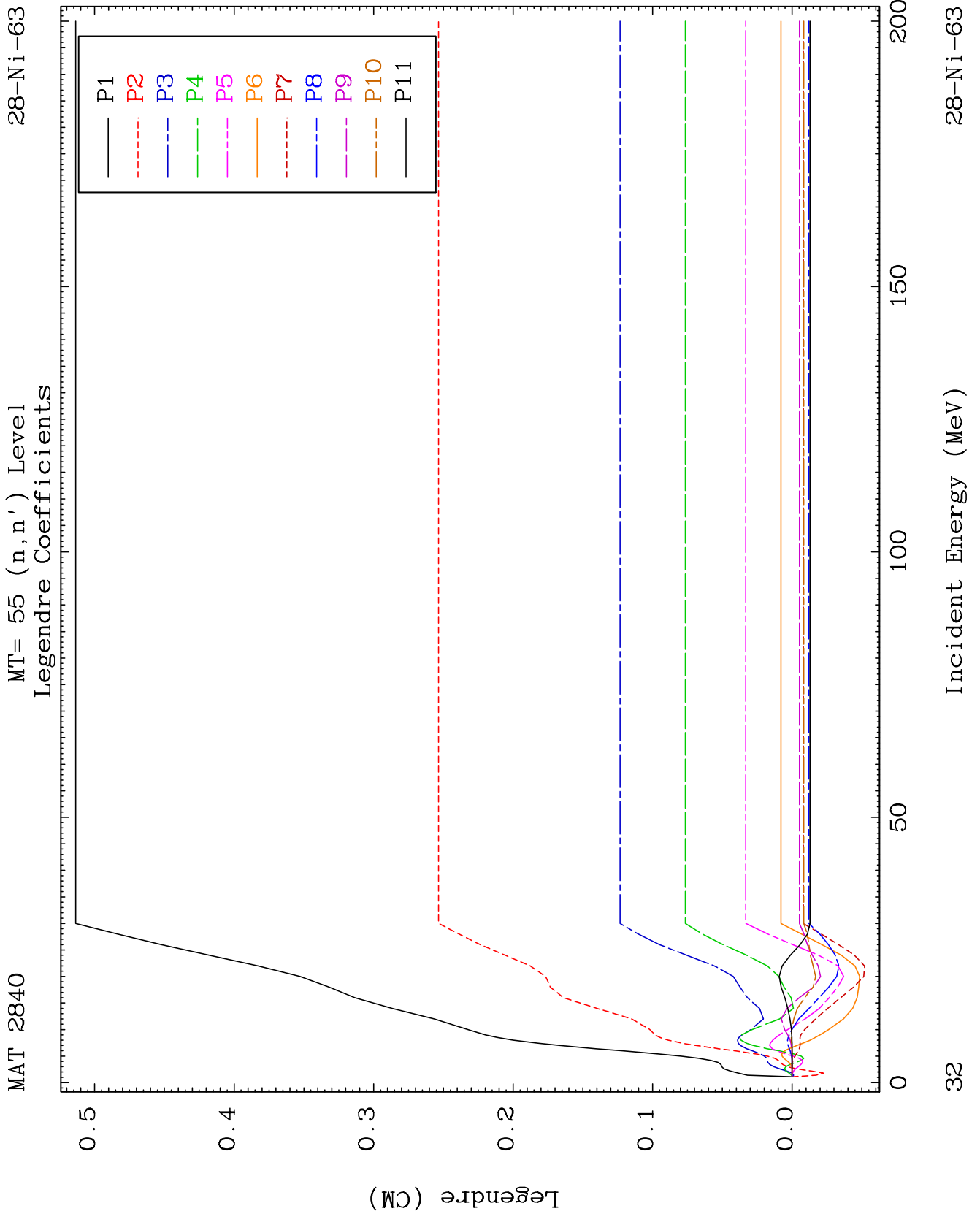
MT= 54 (n,n') Level
Legendre Coefficients

28-Ni-63



28-Ni-63

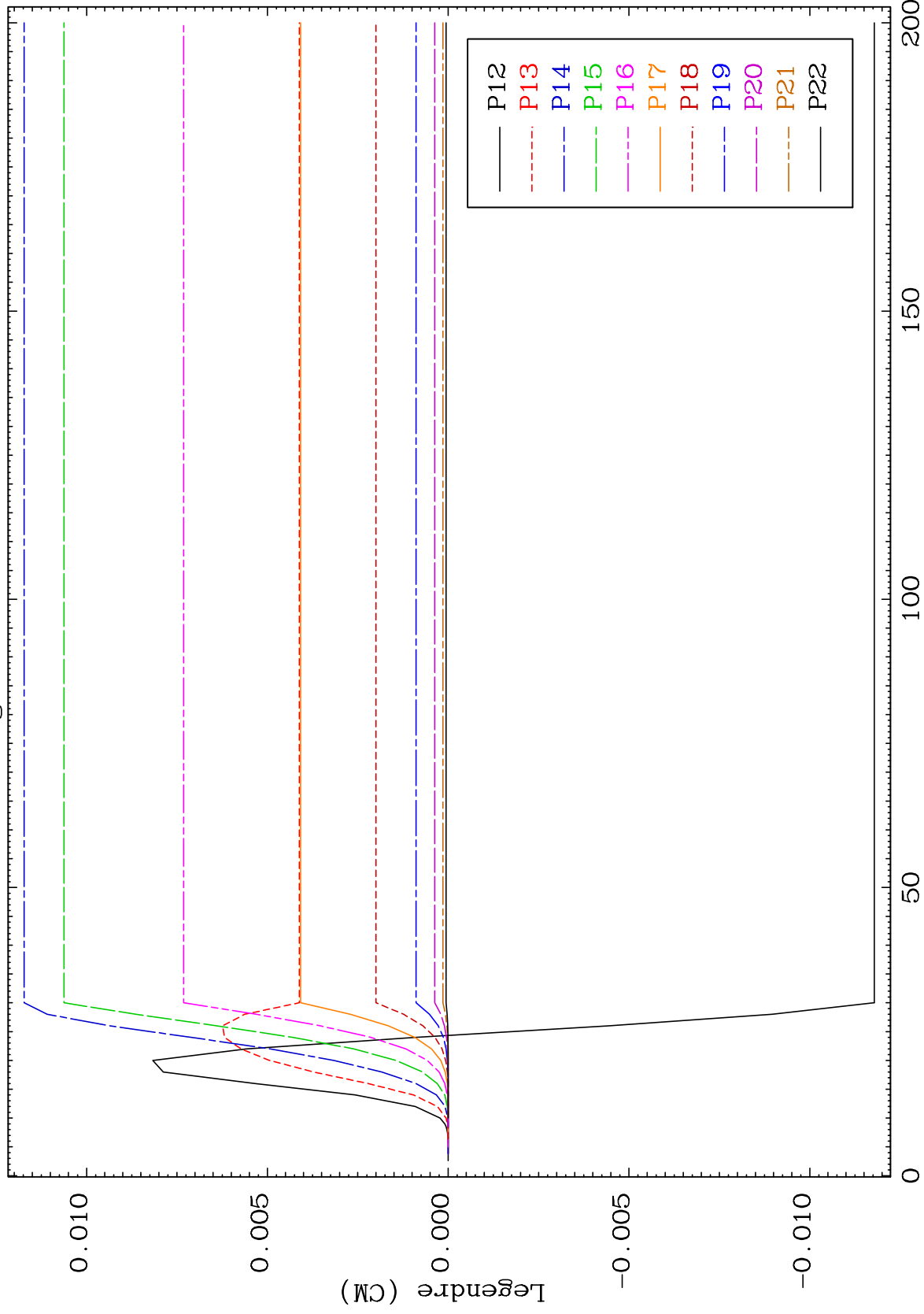




MAT 2840

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

28-Ni-63



33

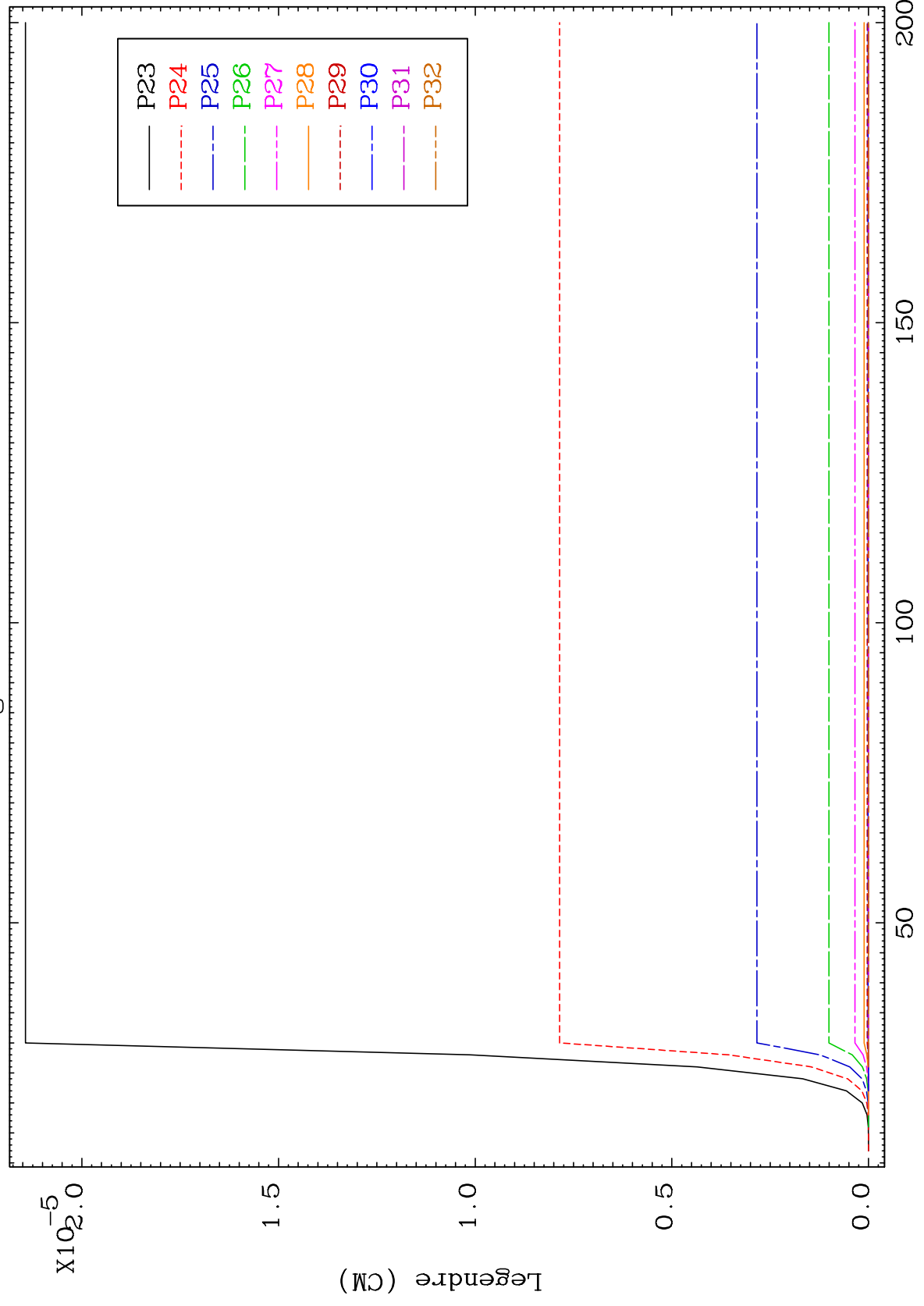
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

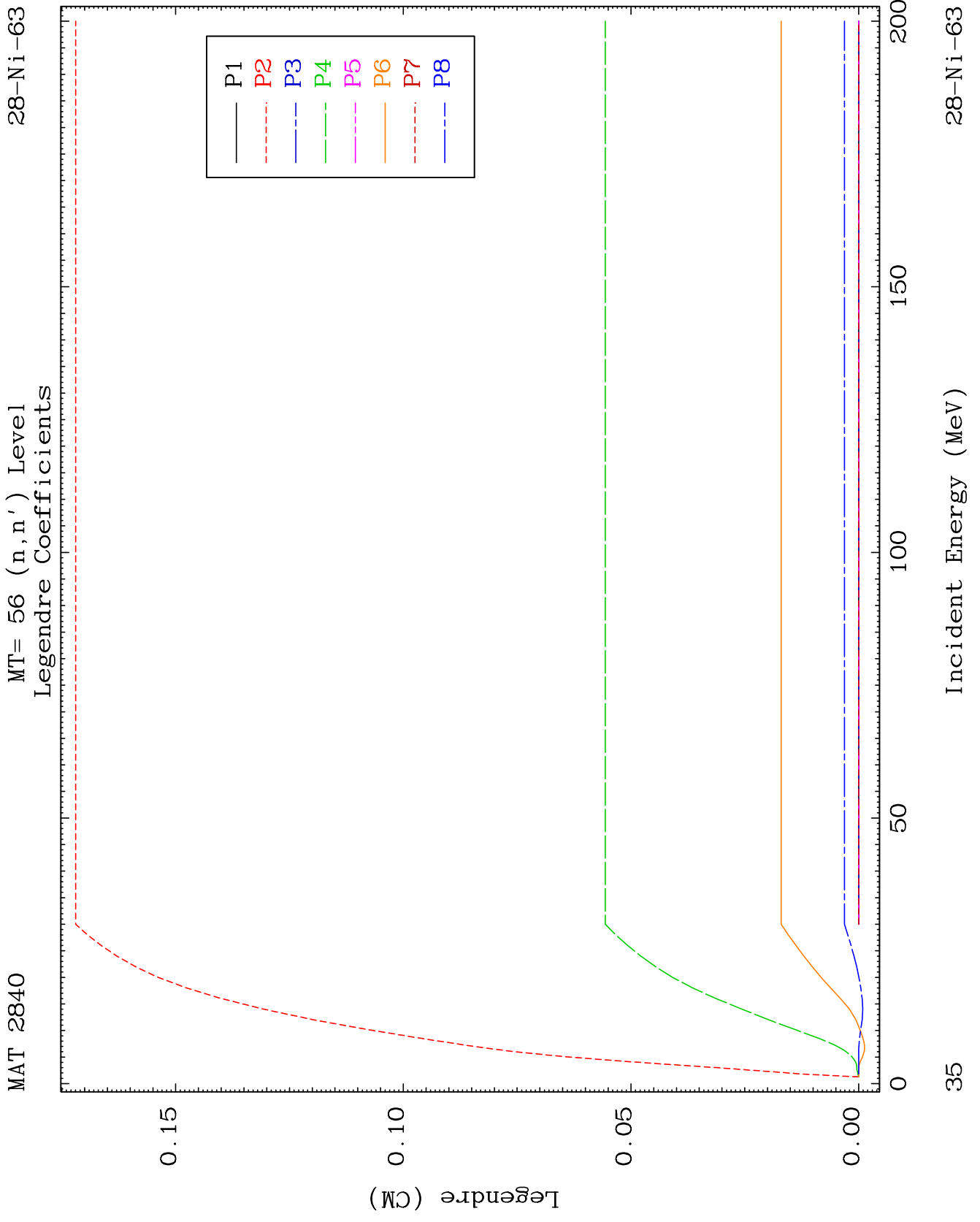
28-Ni-63

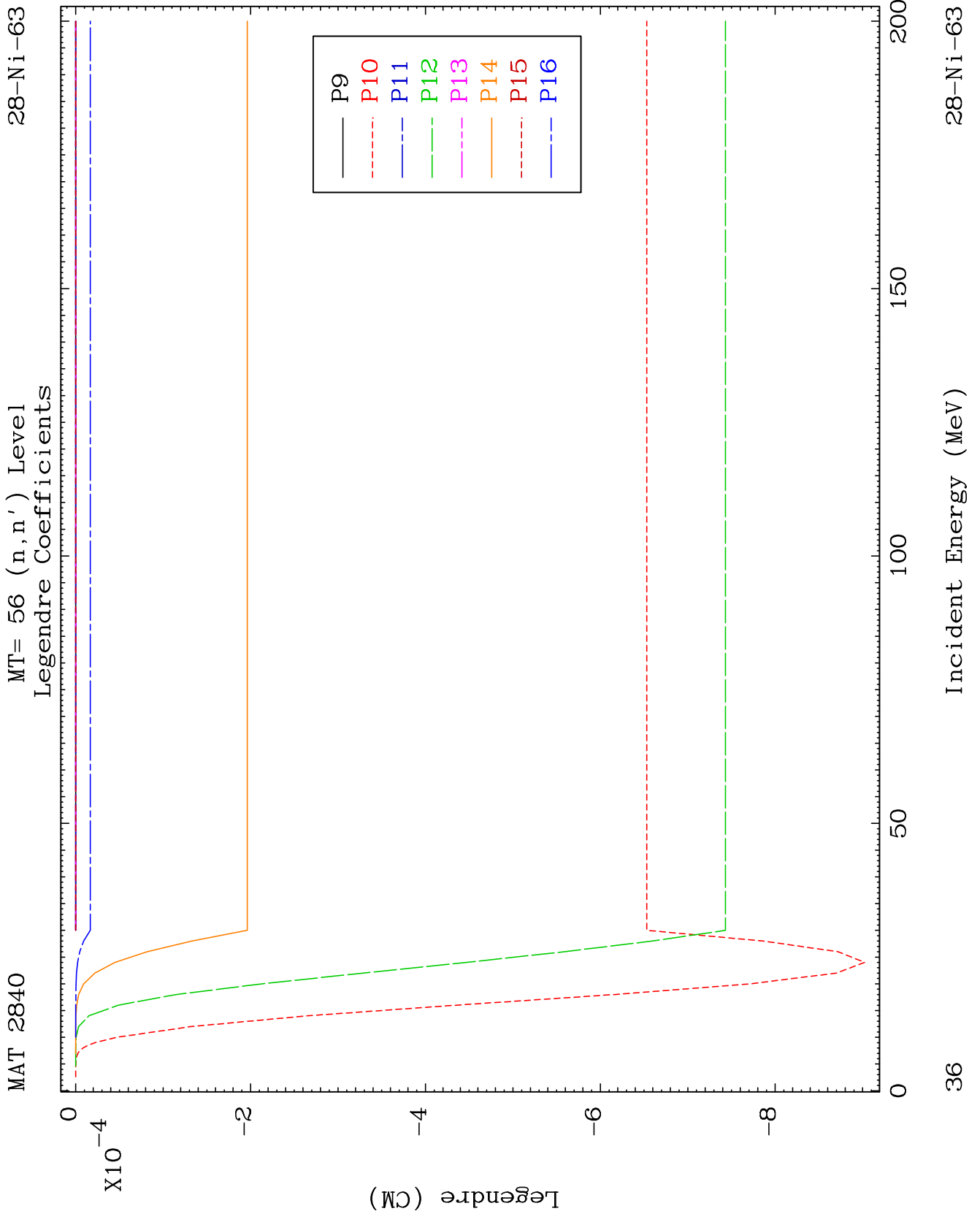


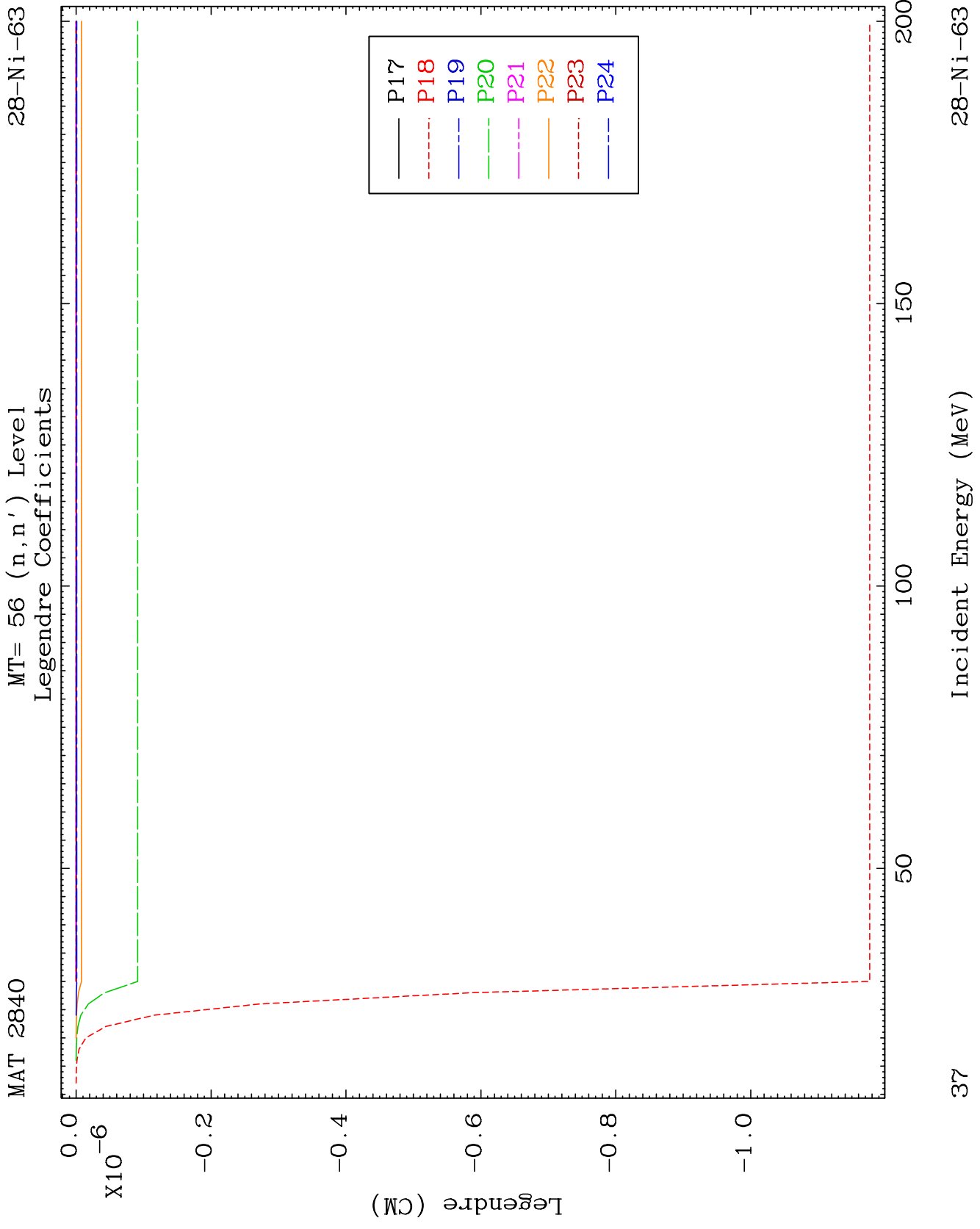
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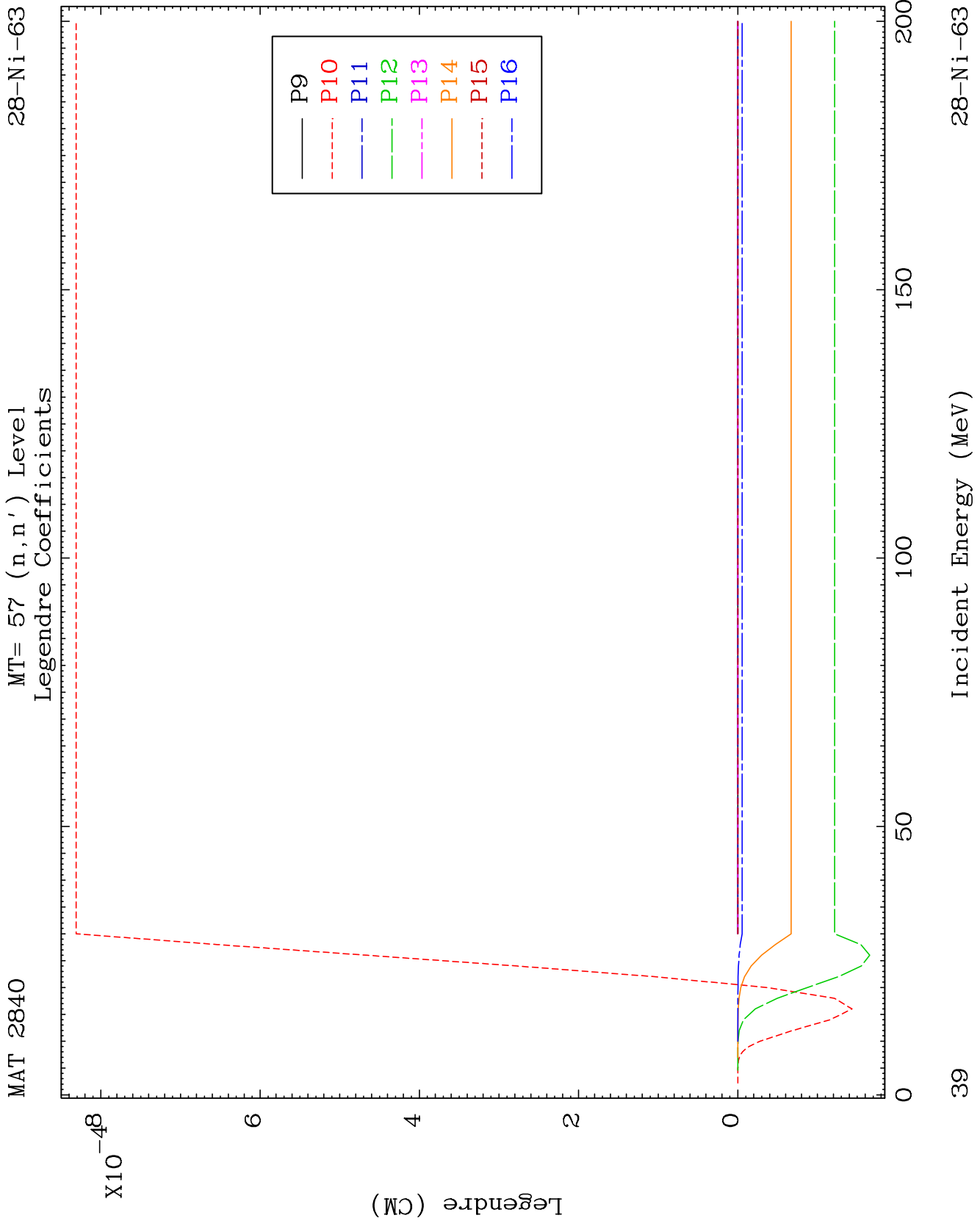
Incident Energy (MeV)

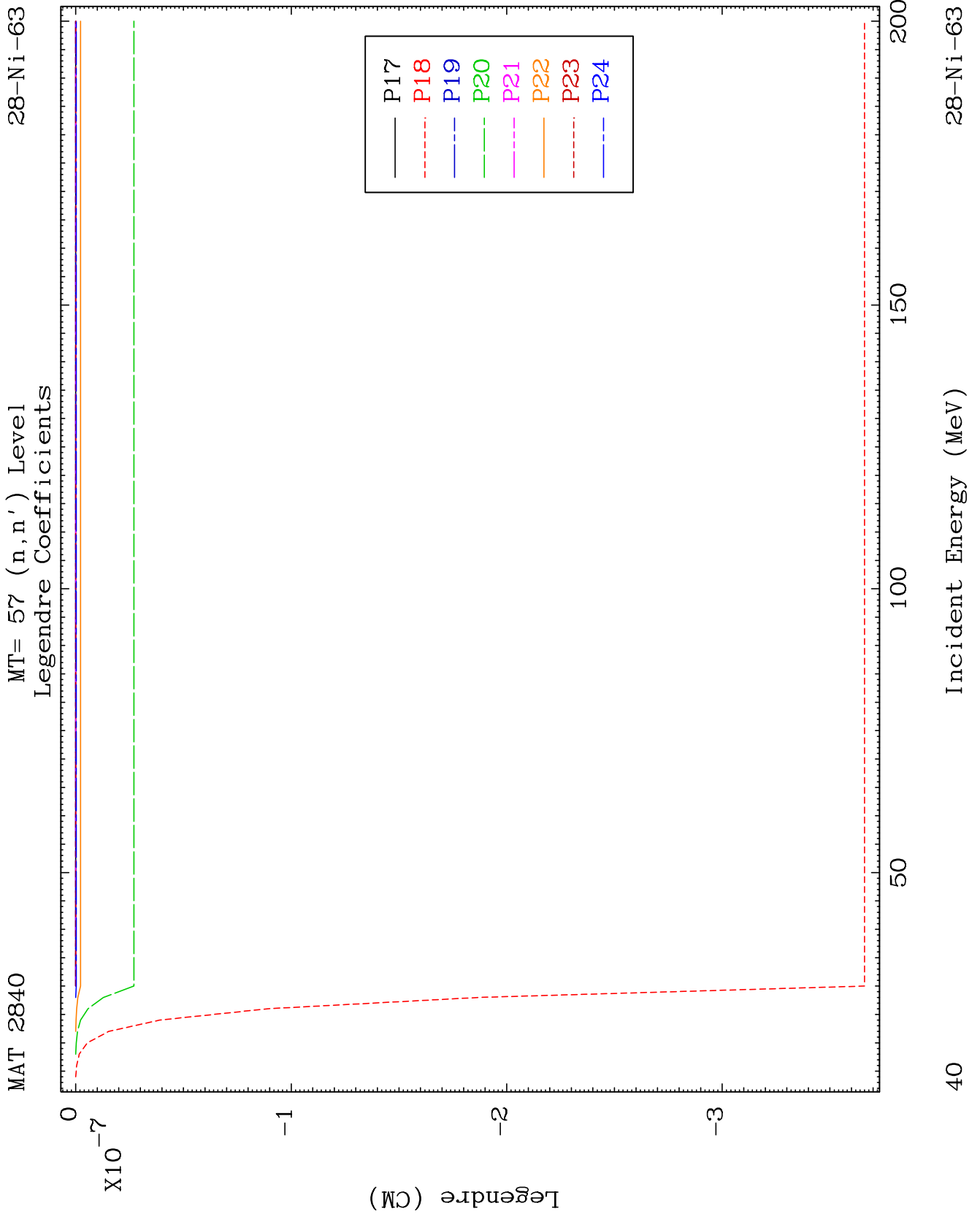
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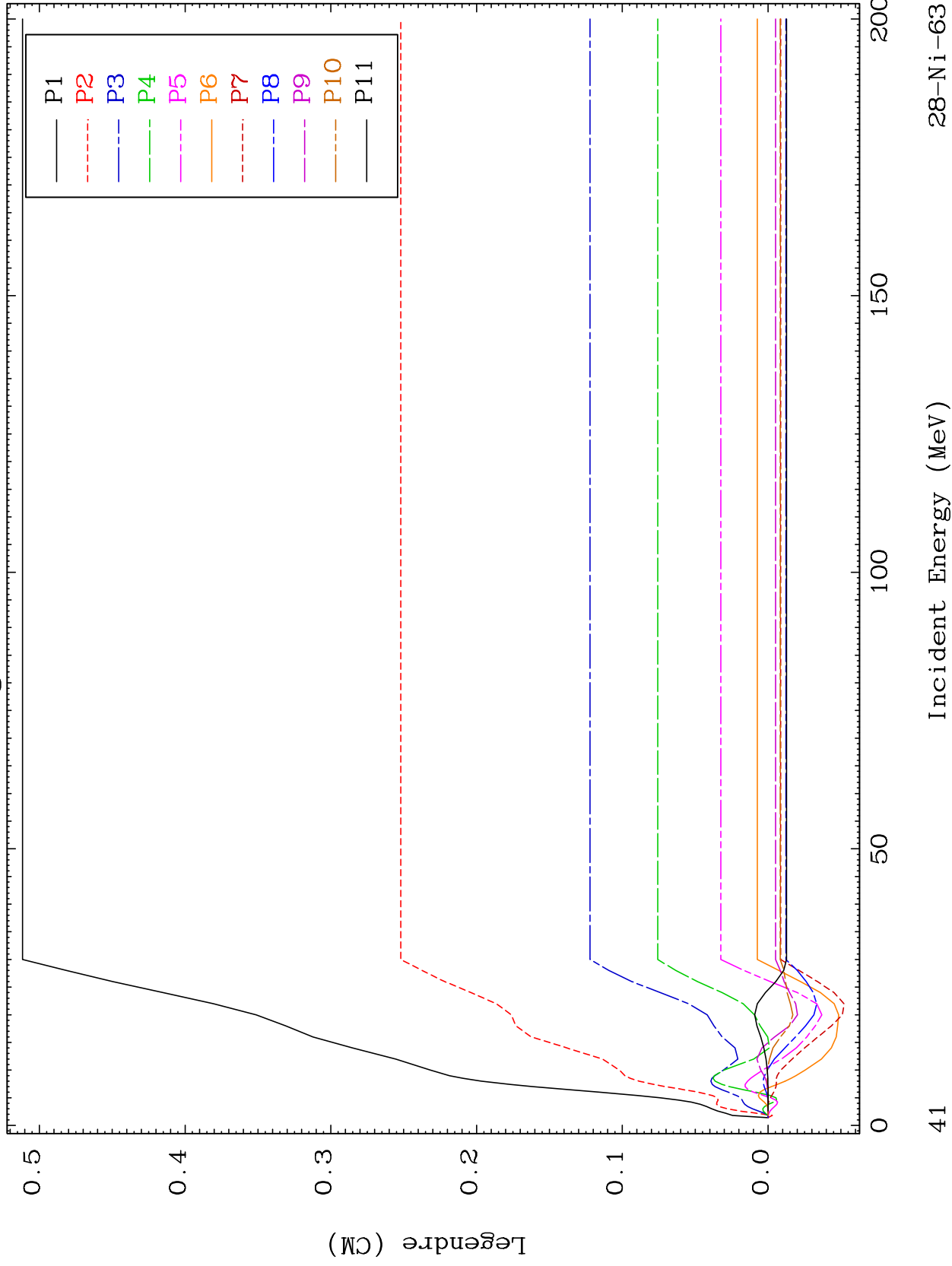




MAT 2840

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

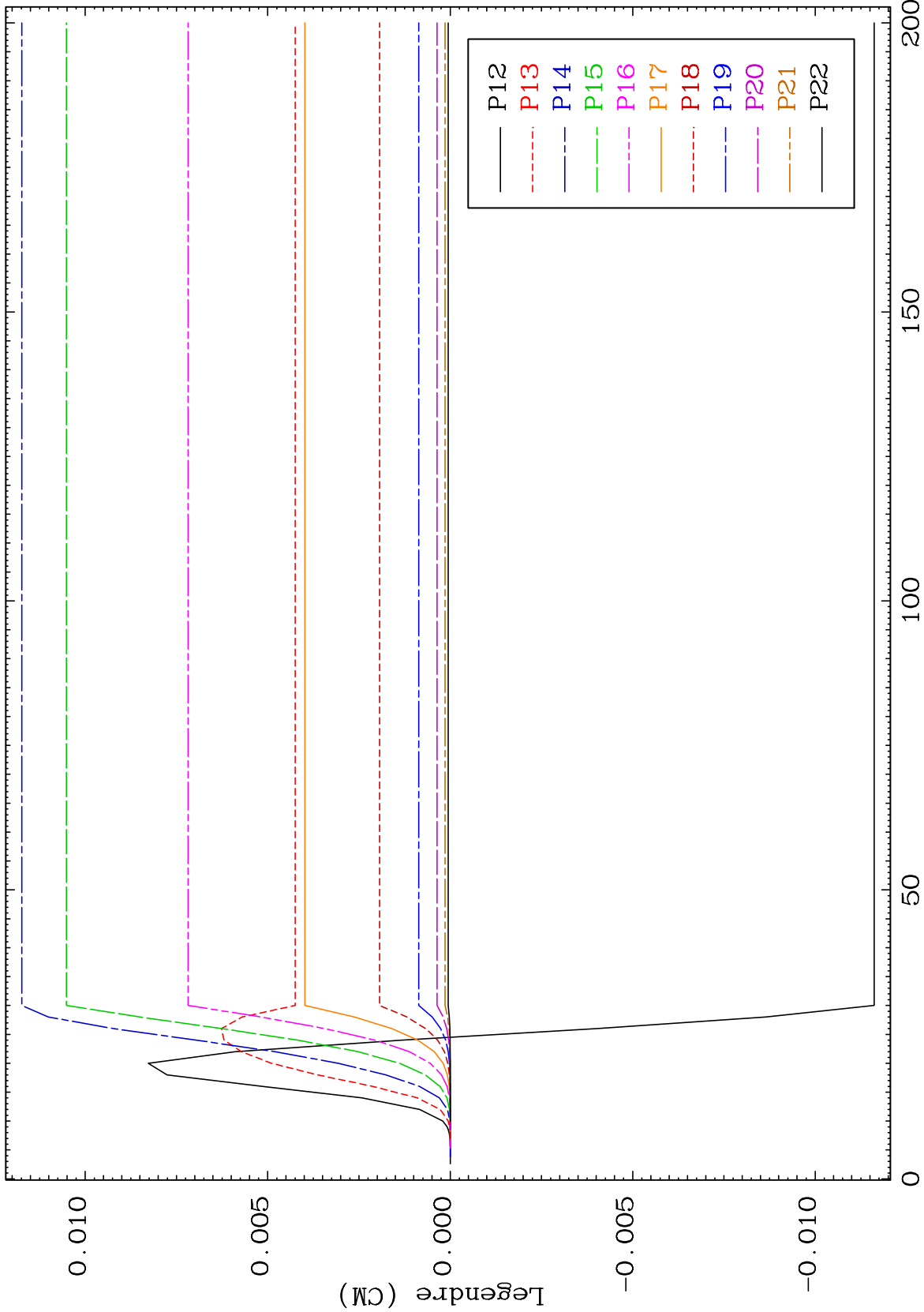
28-Ni-63



MAT 2840

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

28-Ni-63



42

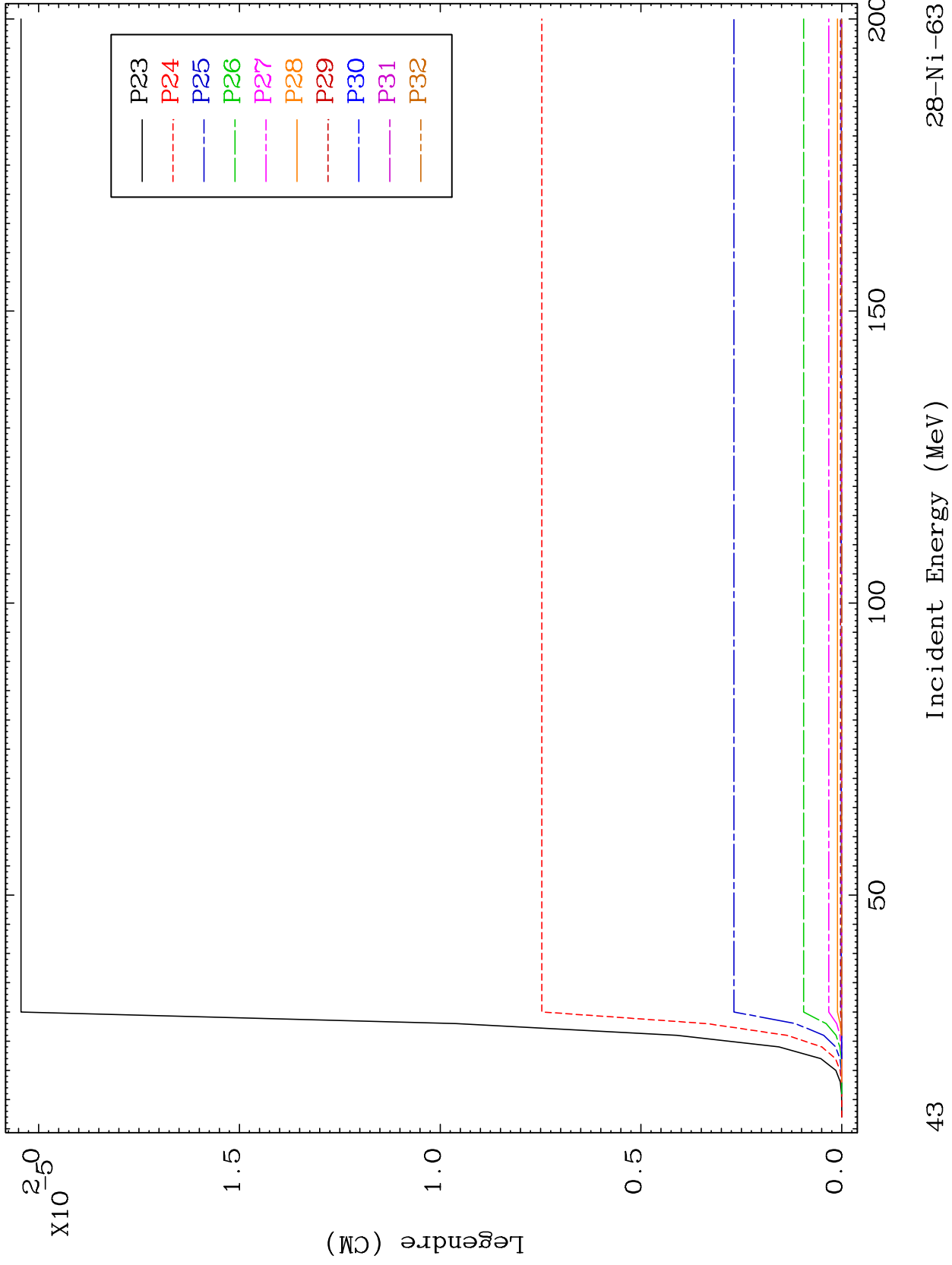
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

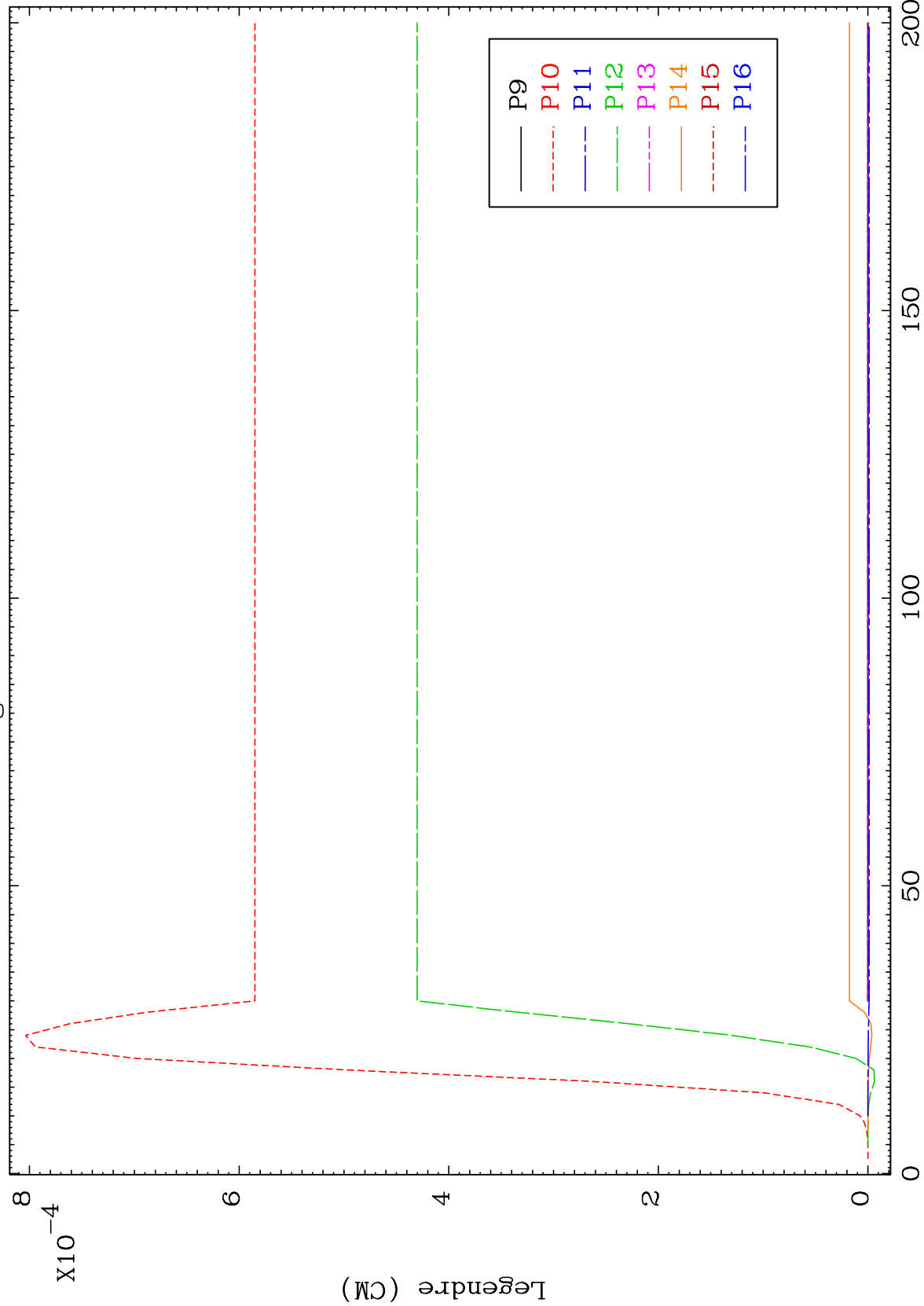
28-Ni-63



MAT 2840

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

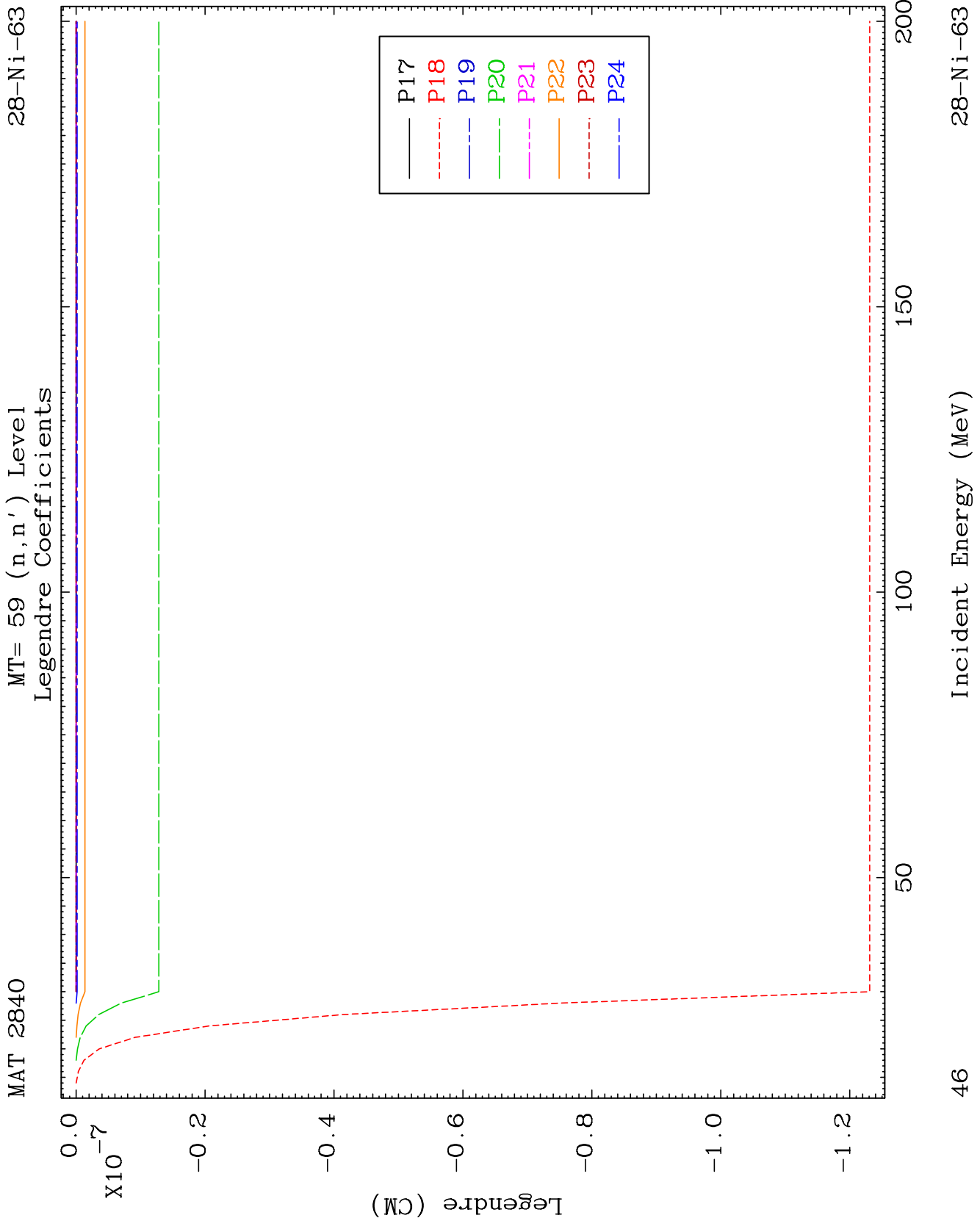
28-Ni-63



28-Ni-63

Incident Energy (MeV)

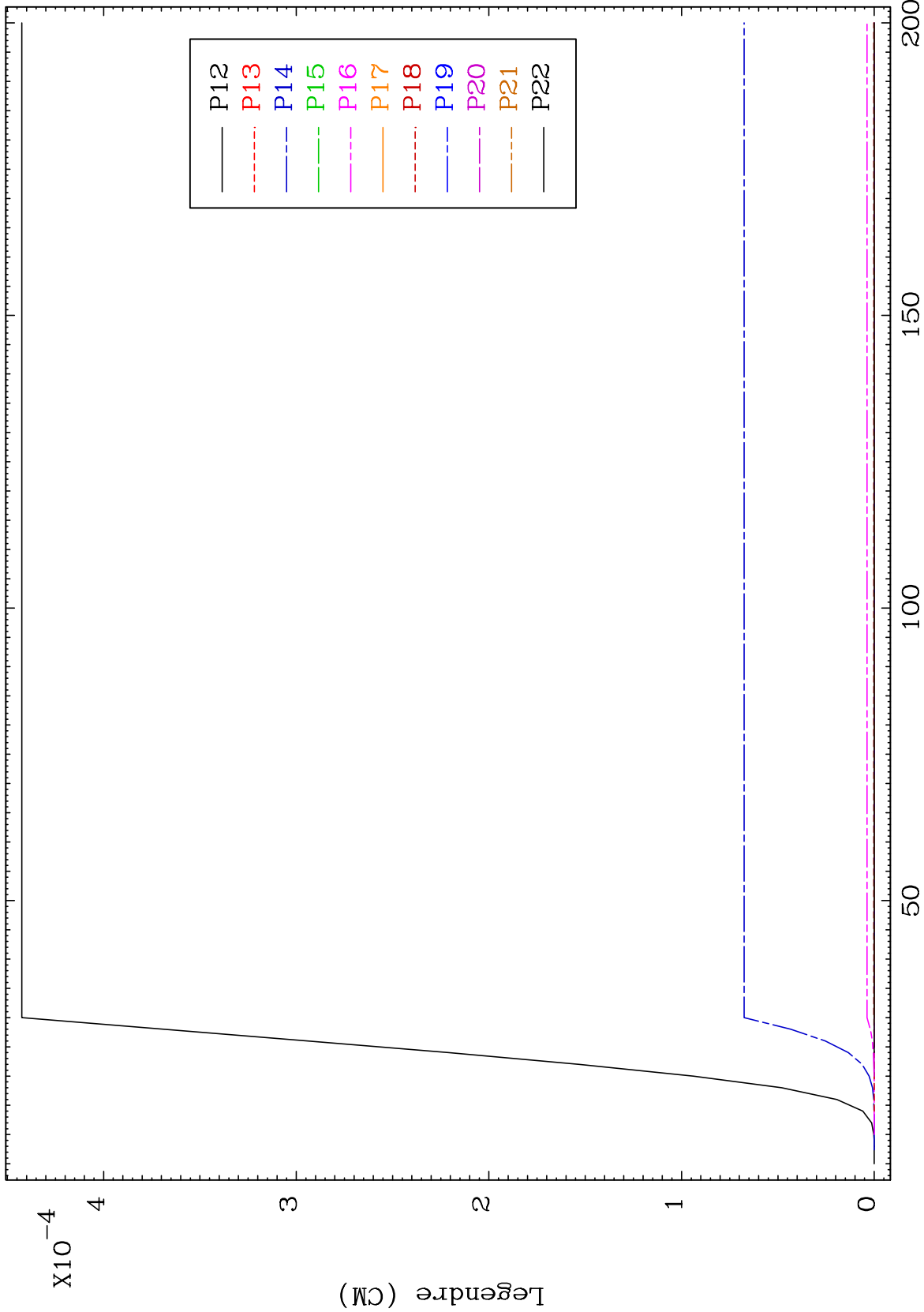
45



MAT 2840

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

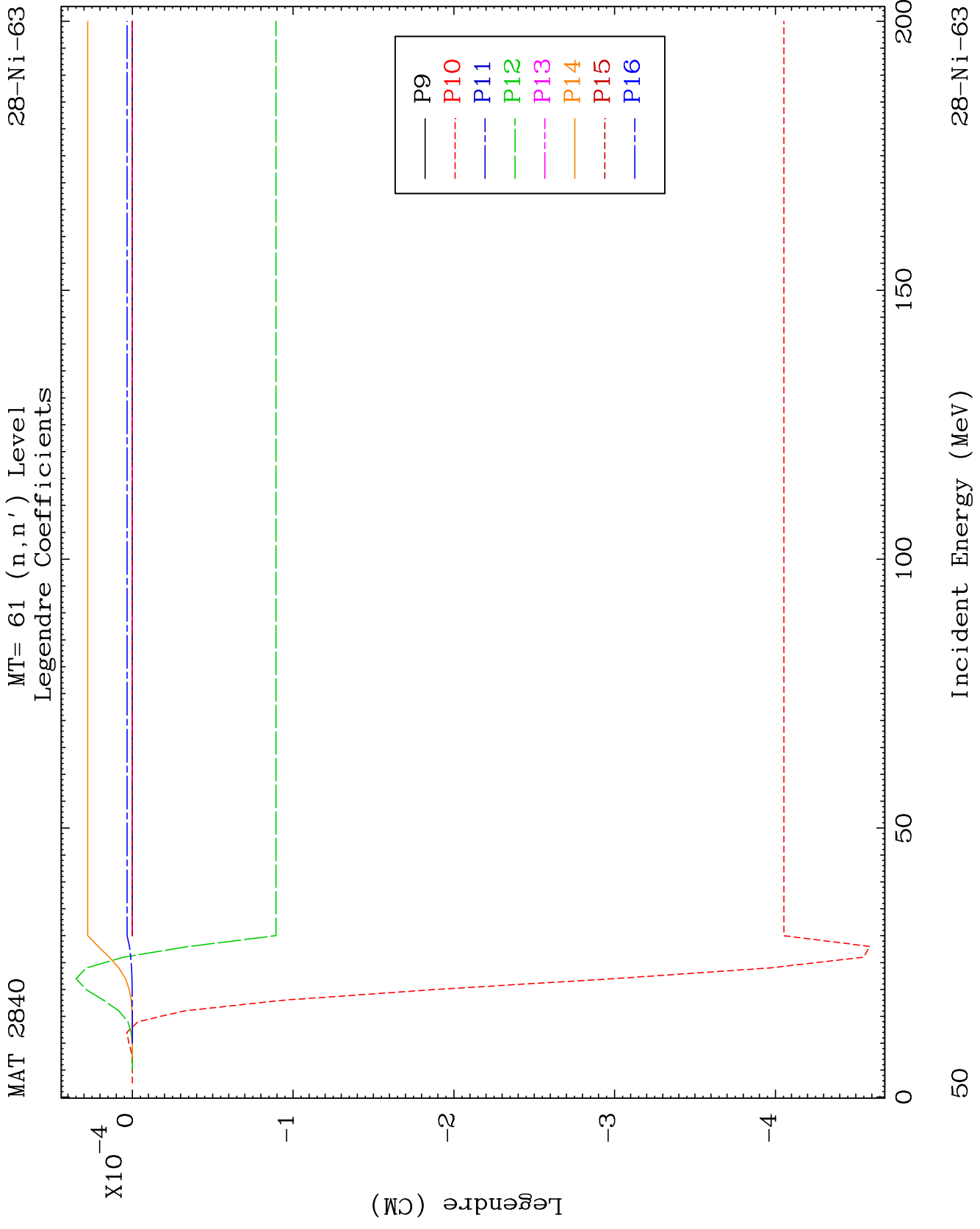
28-Ni-63

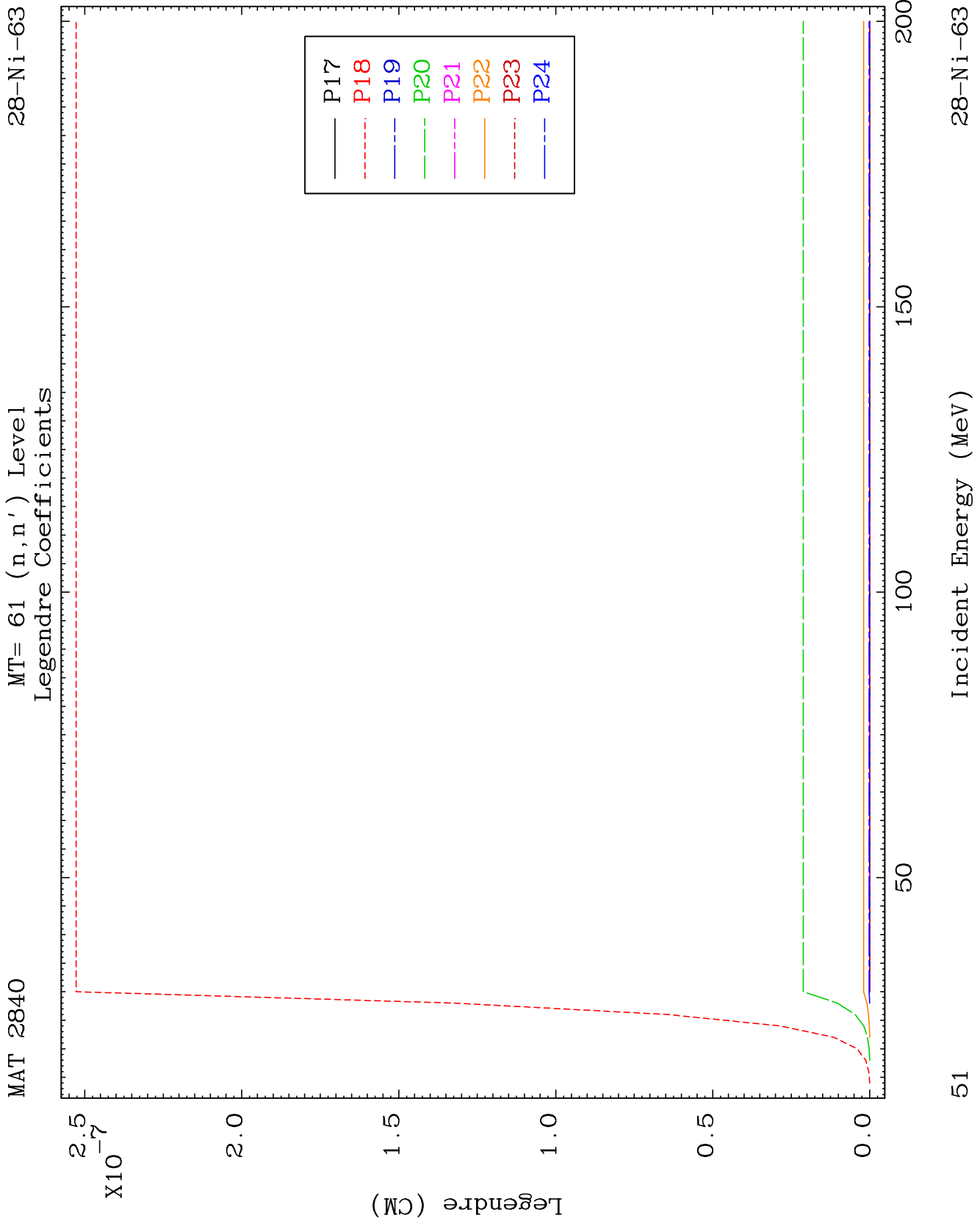


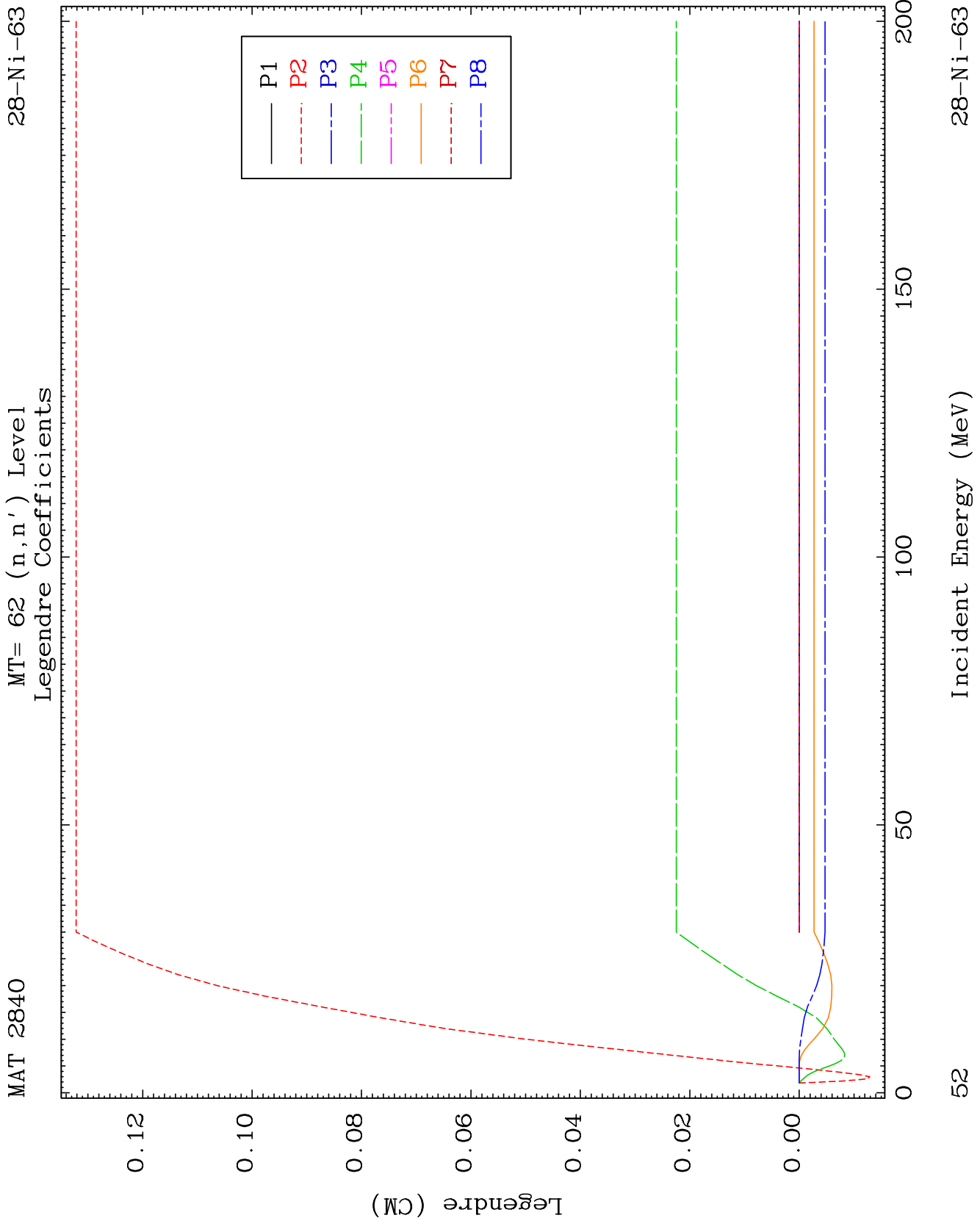
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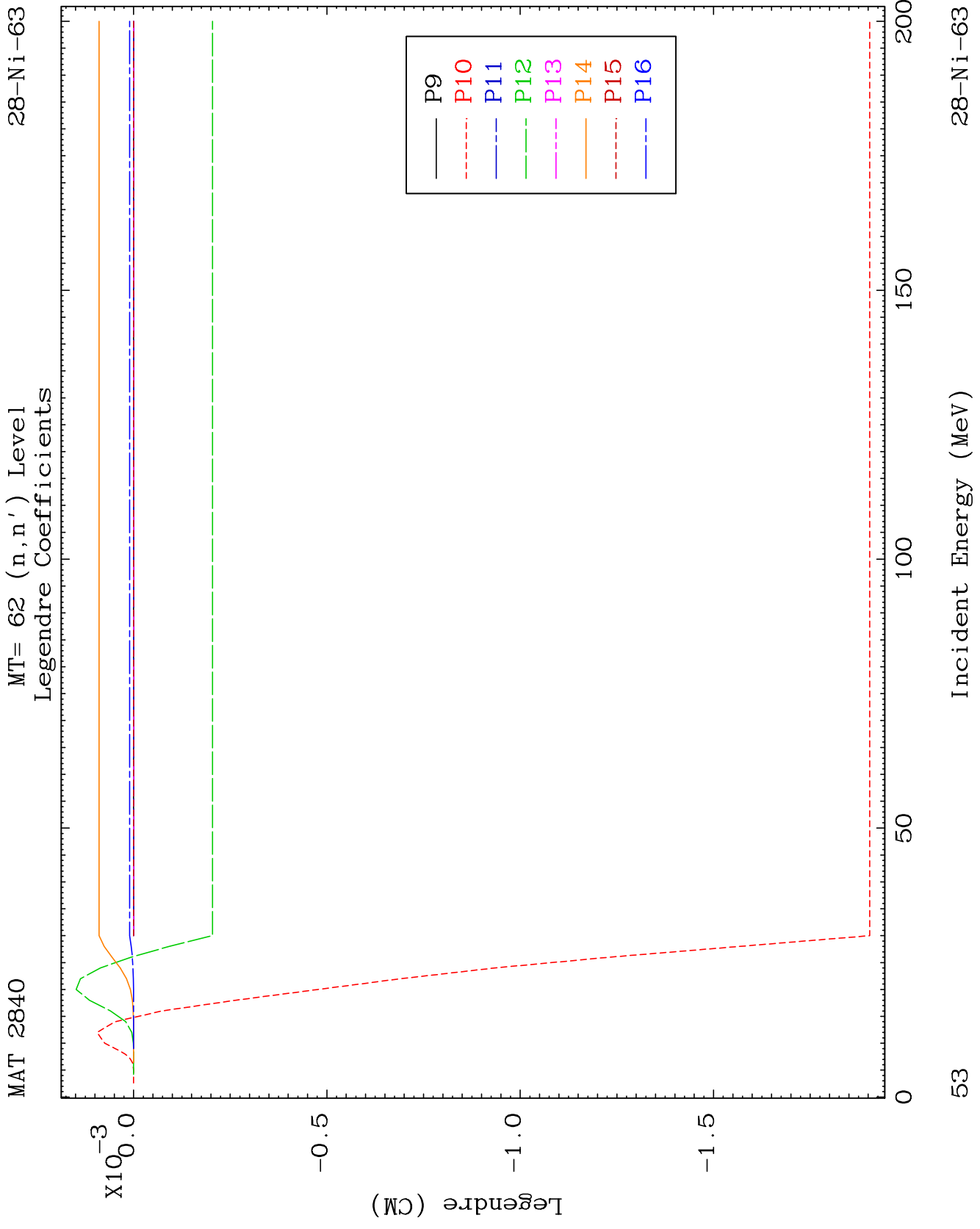
Incident Energy (MeV)

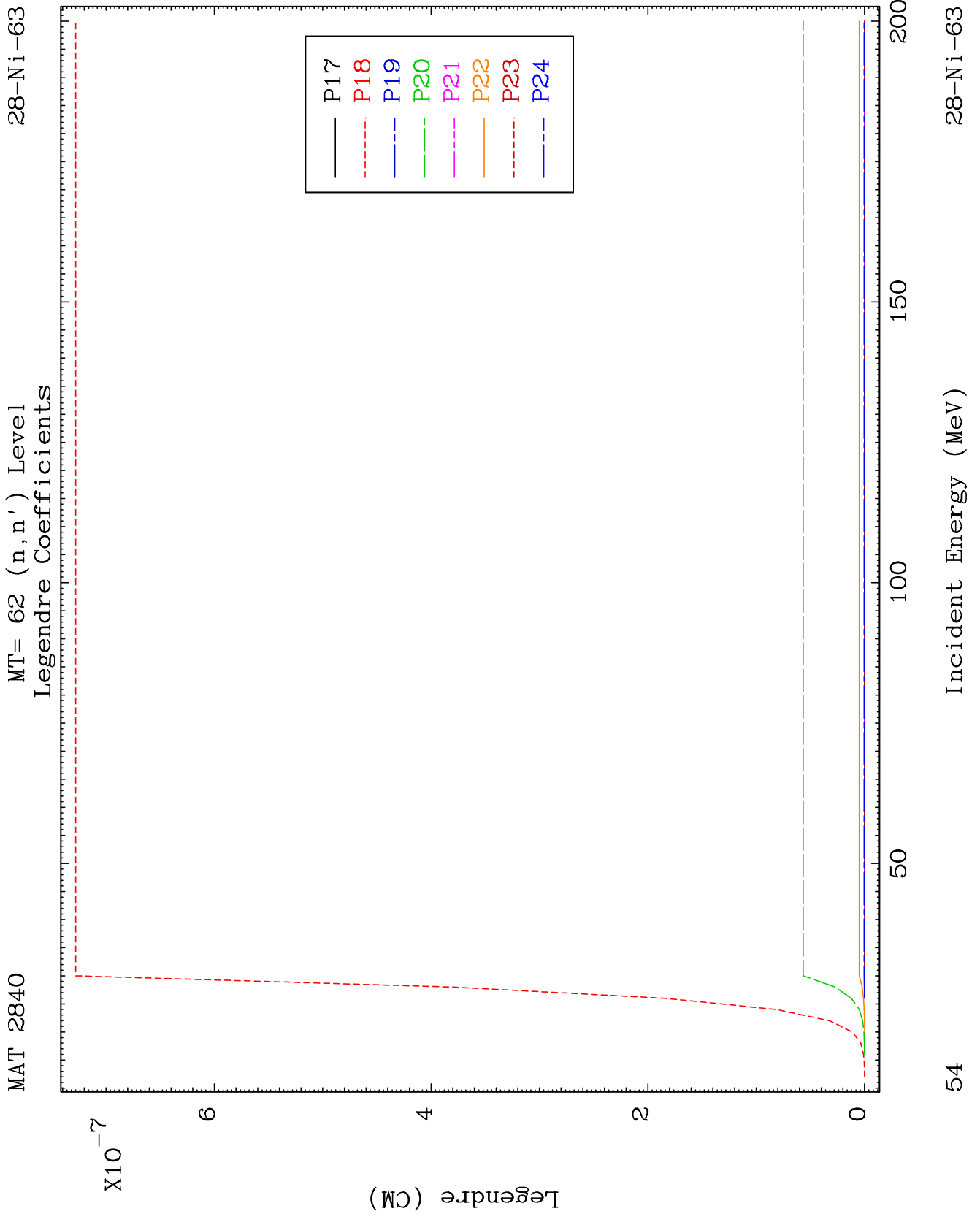
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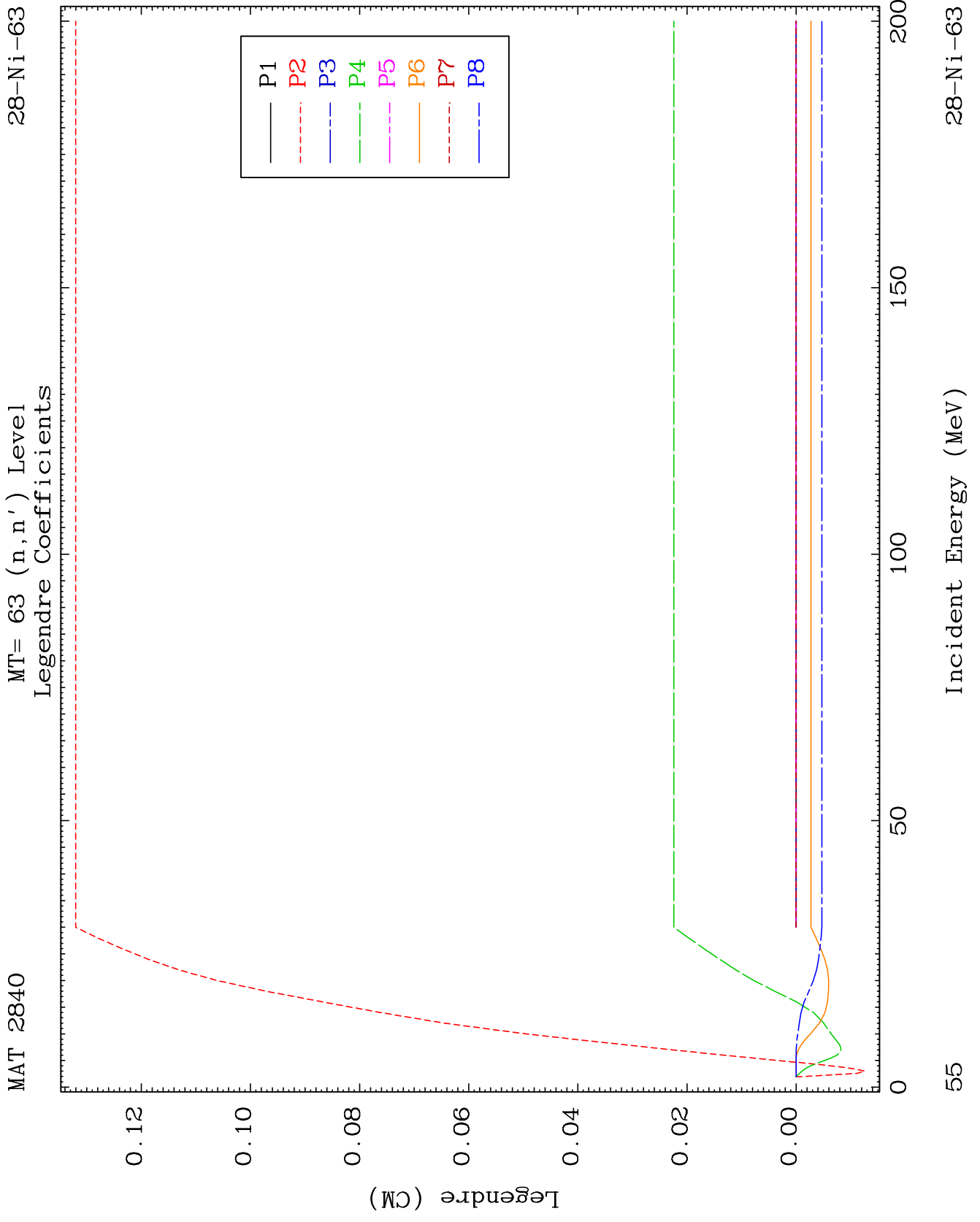


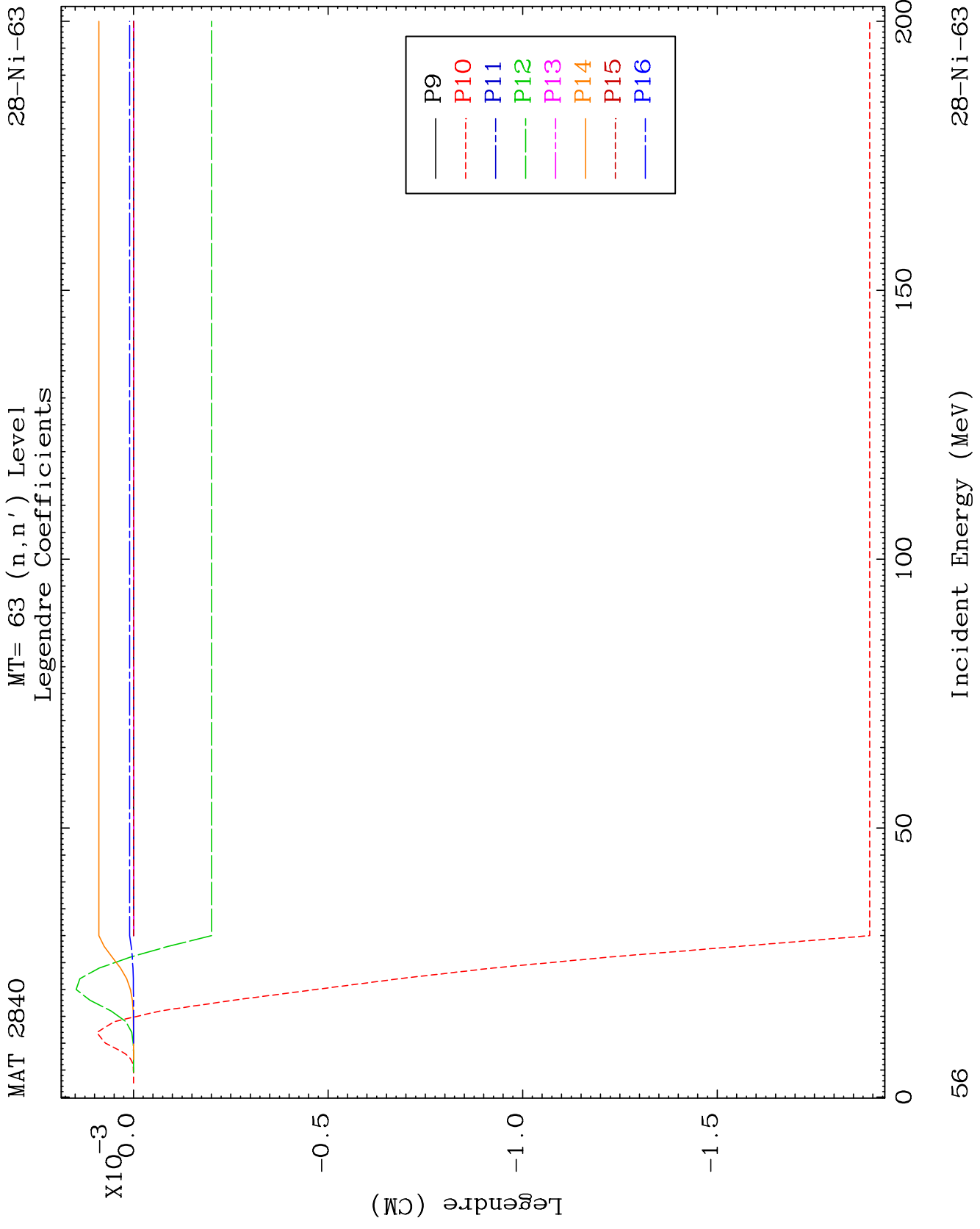


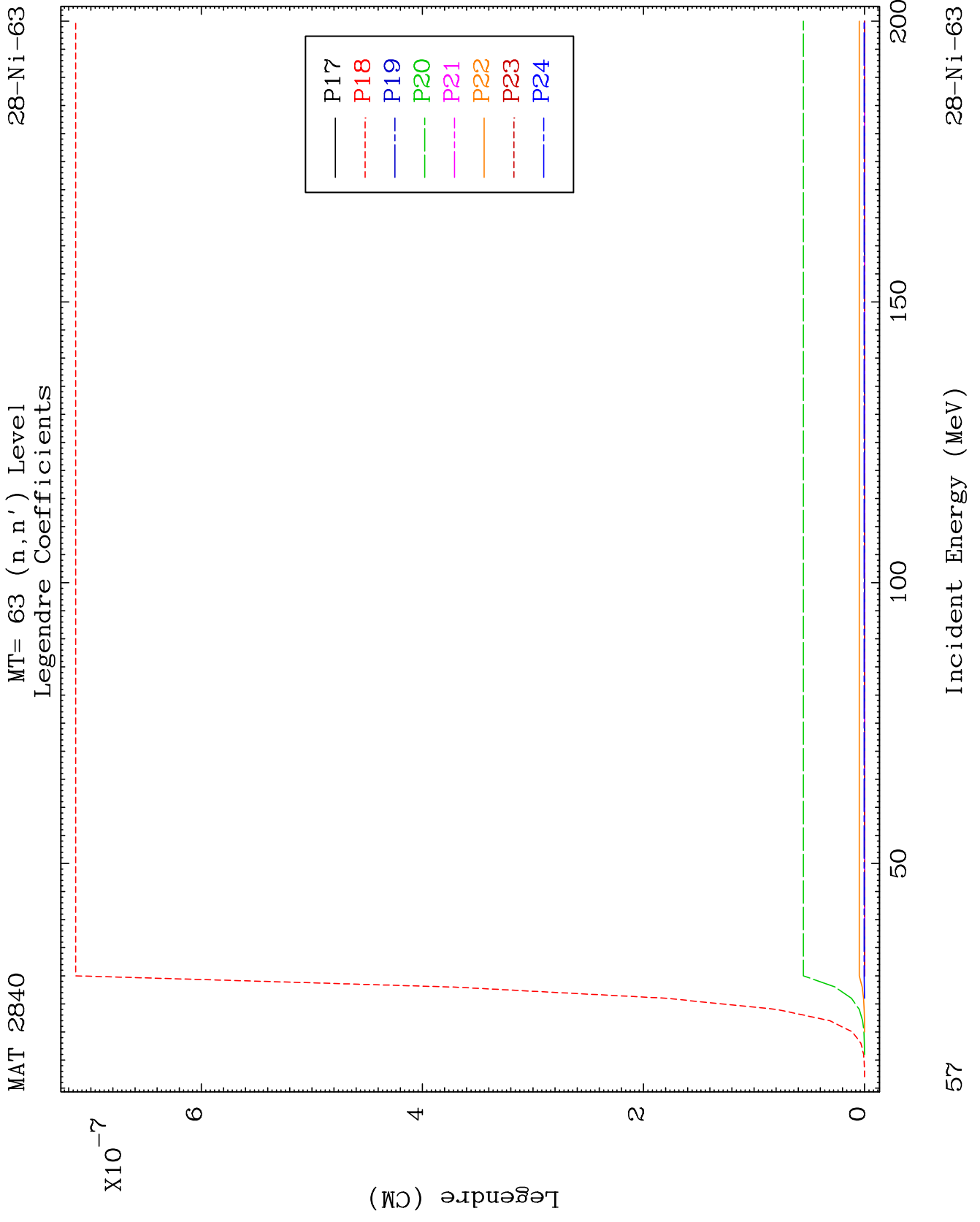


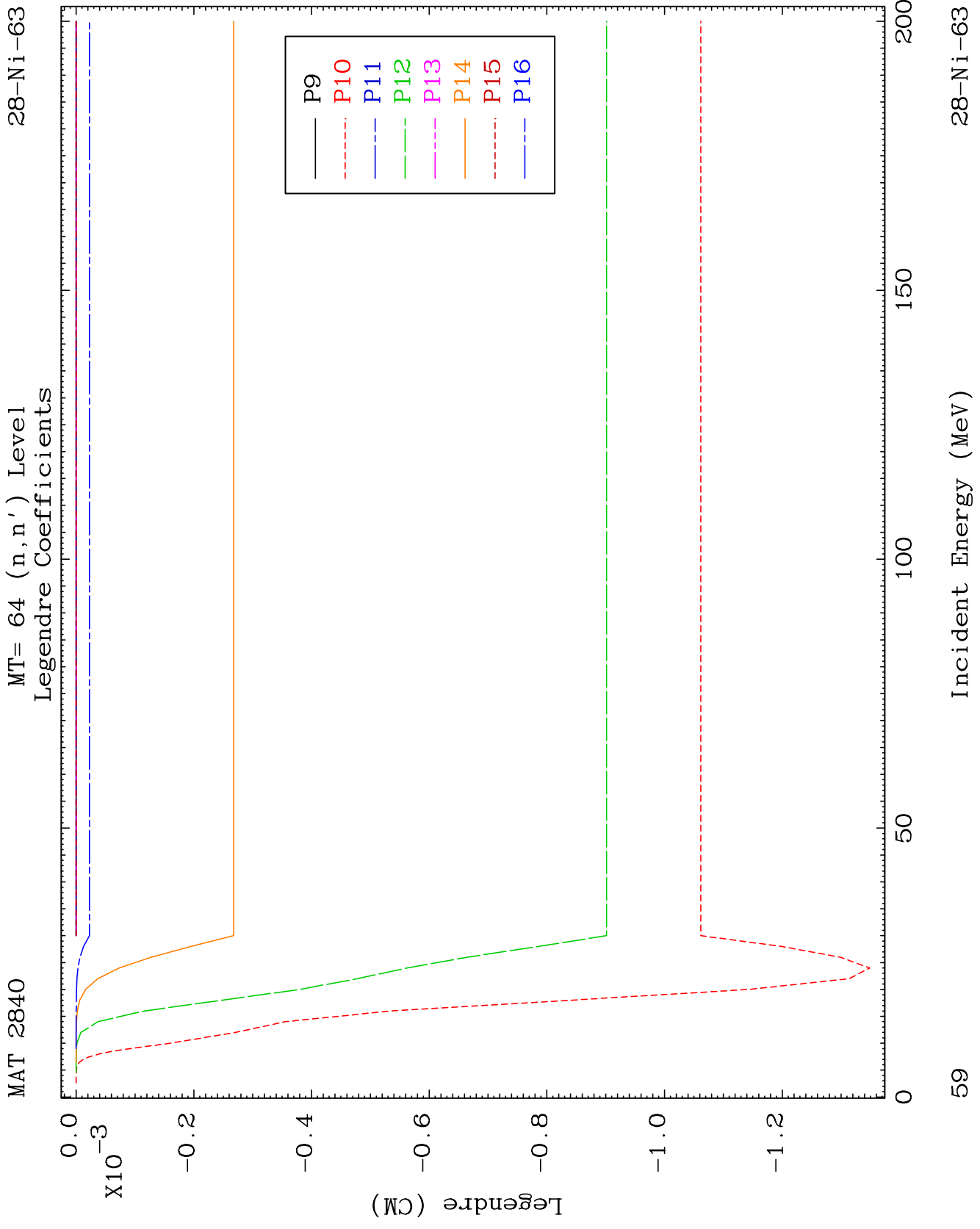


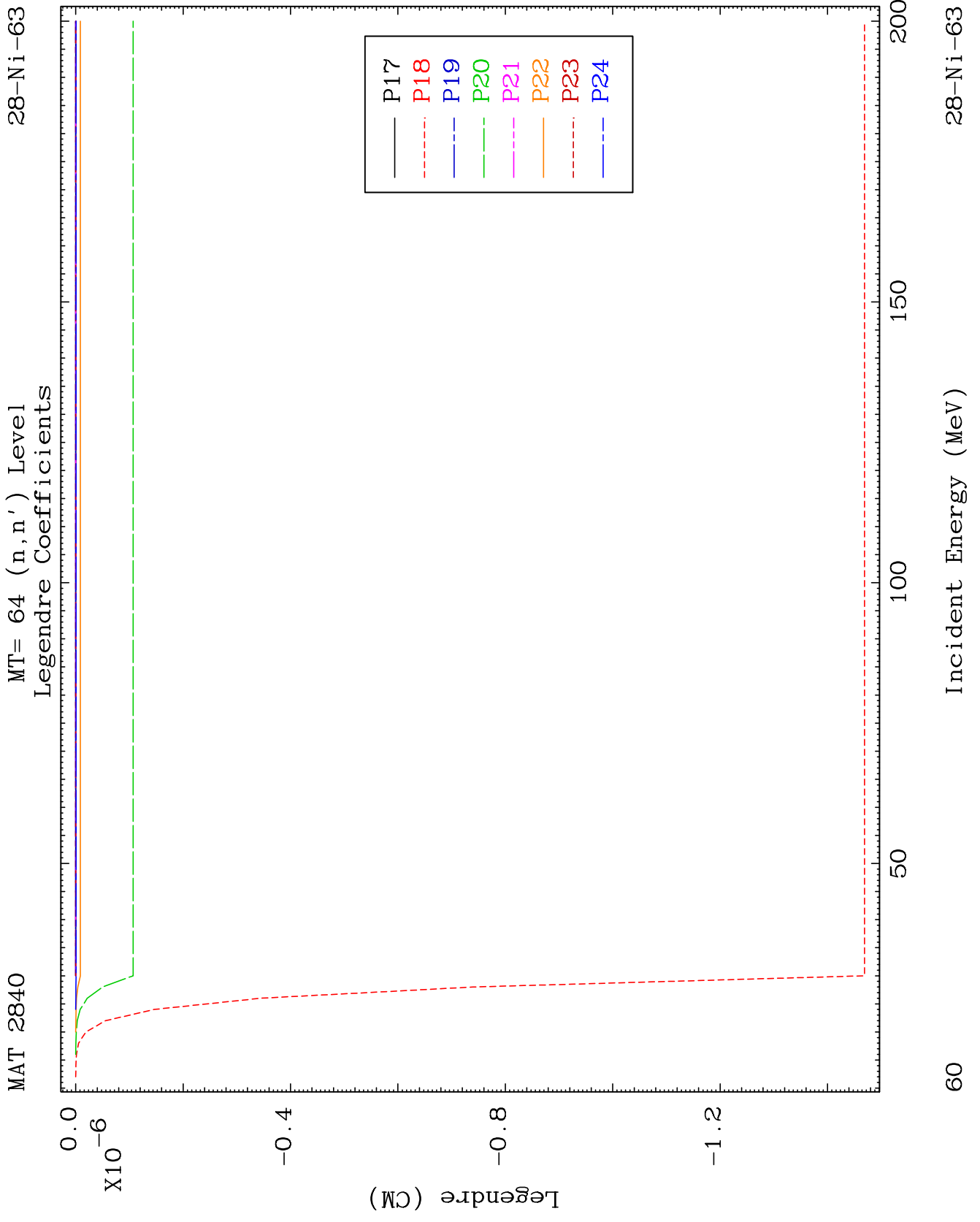








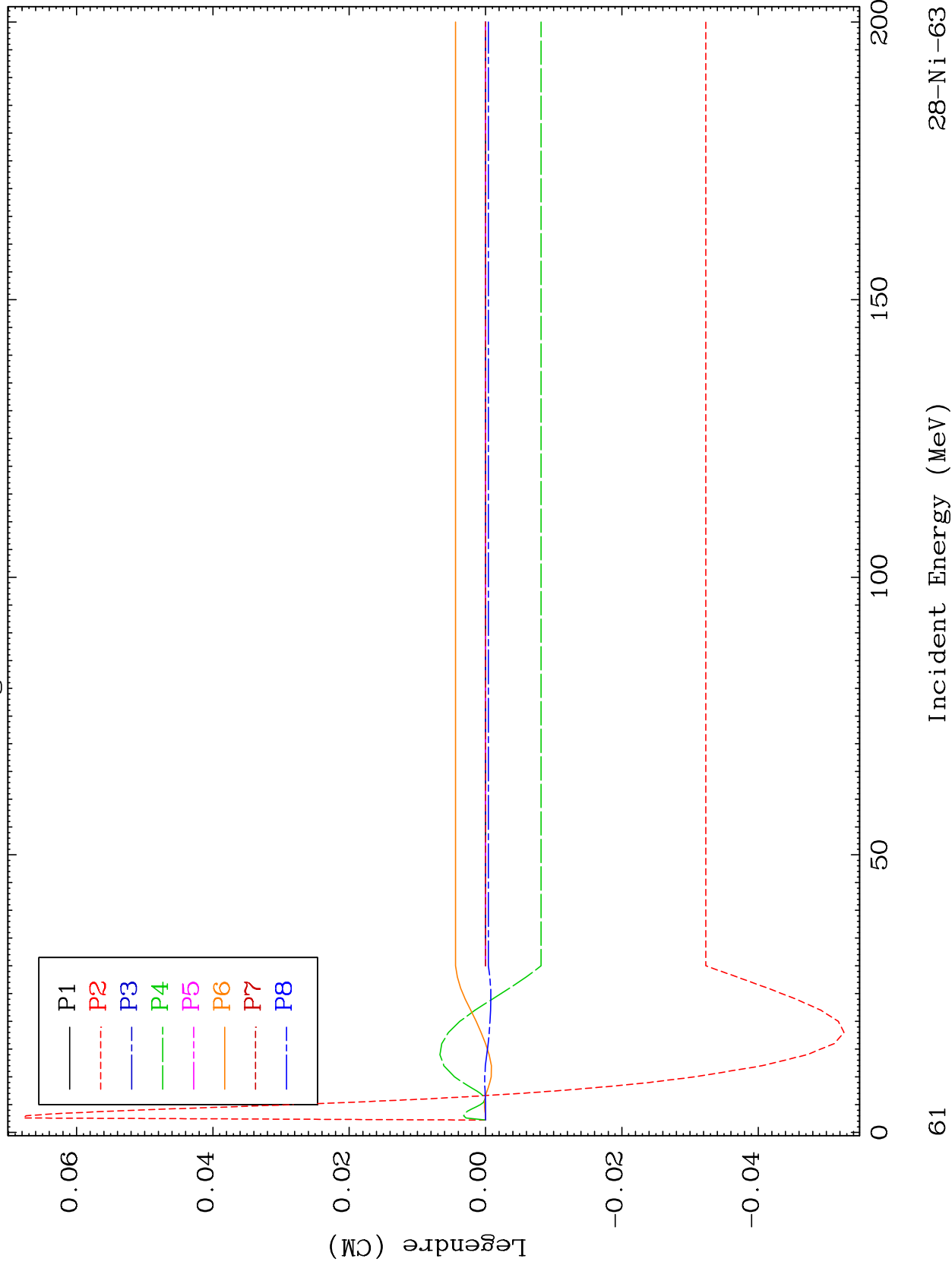




MAT 2840

MT= 65 (n,n') Level
Legendre Coefficients

28-Ni-63



61

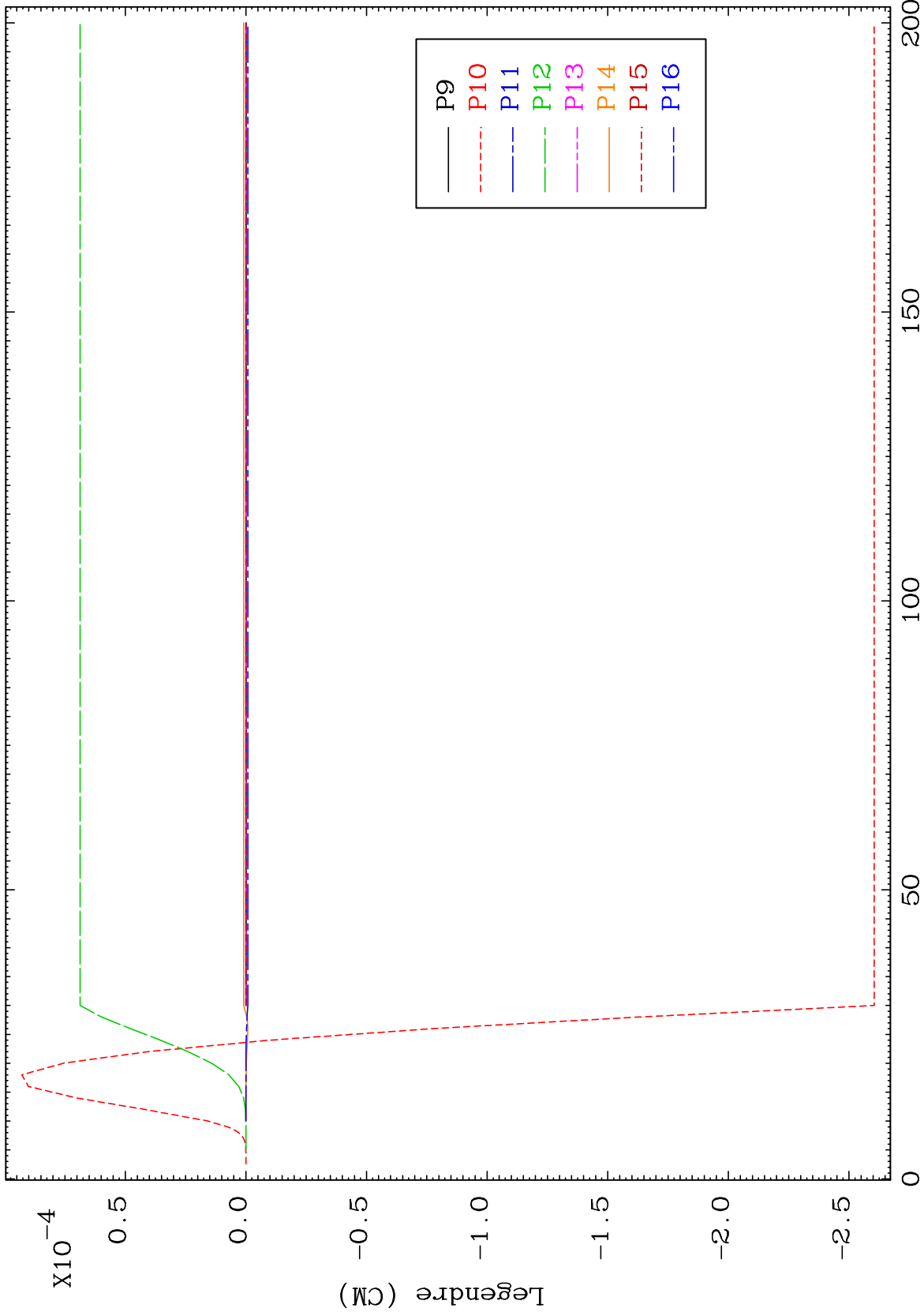
Incident Energy (MeV)

28-Ni-63

MAT 2840

MT= 65 (n,n') Level
Legendre Coefficients

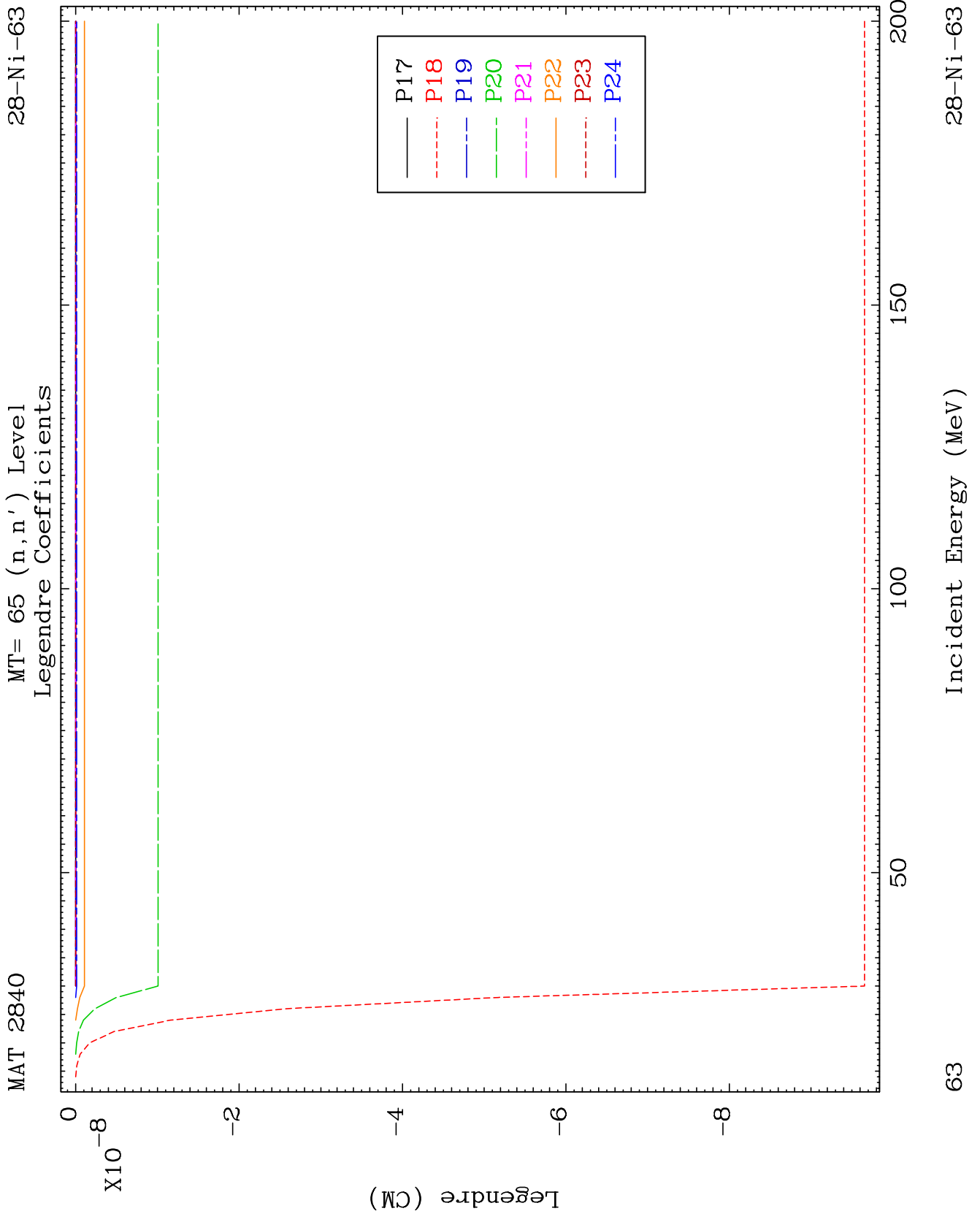
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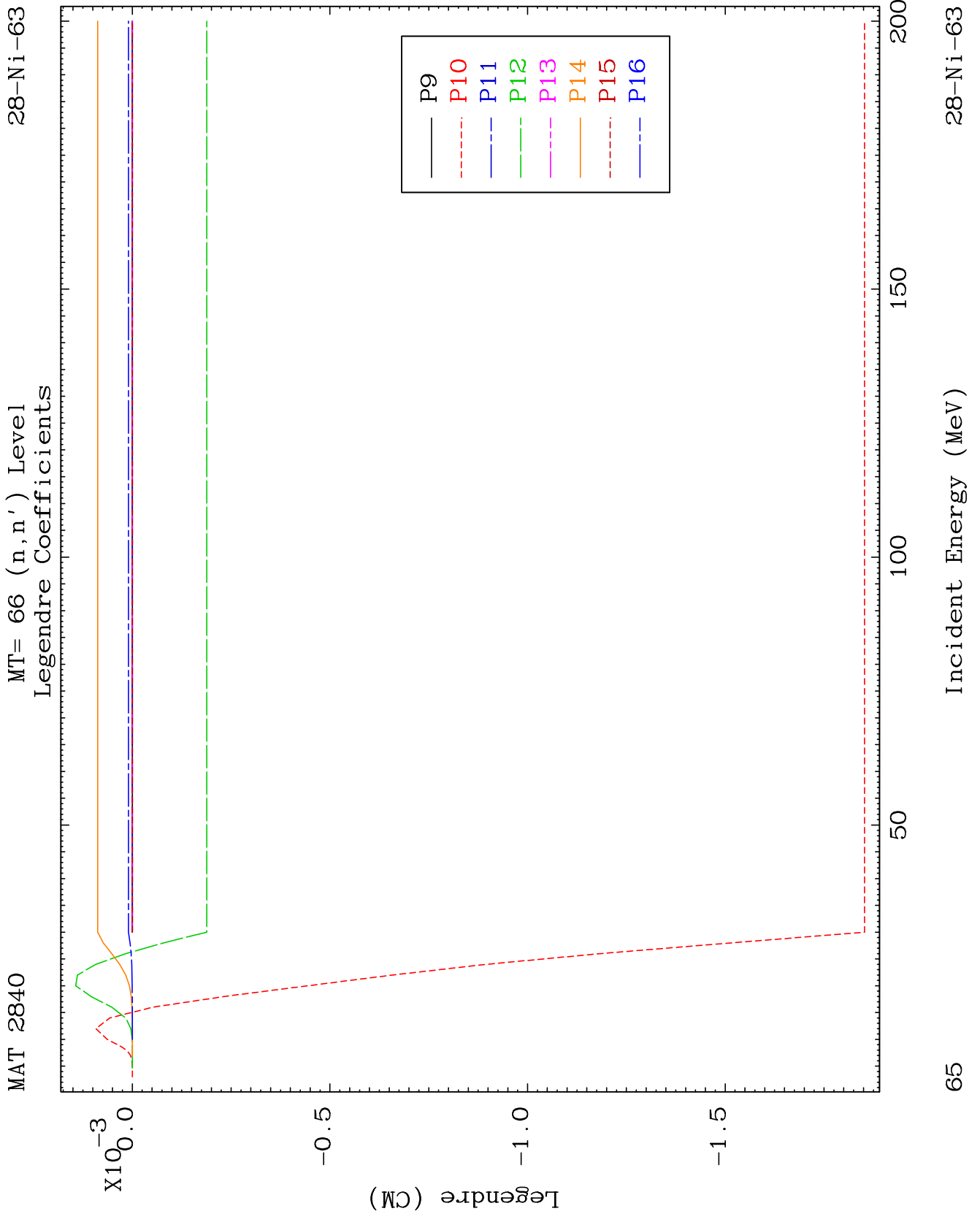


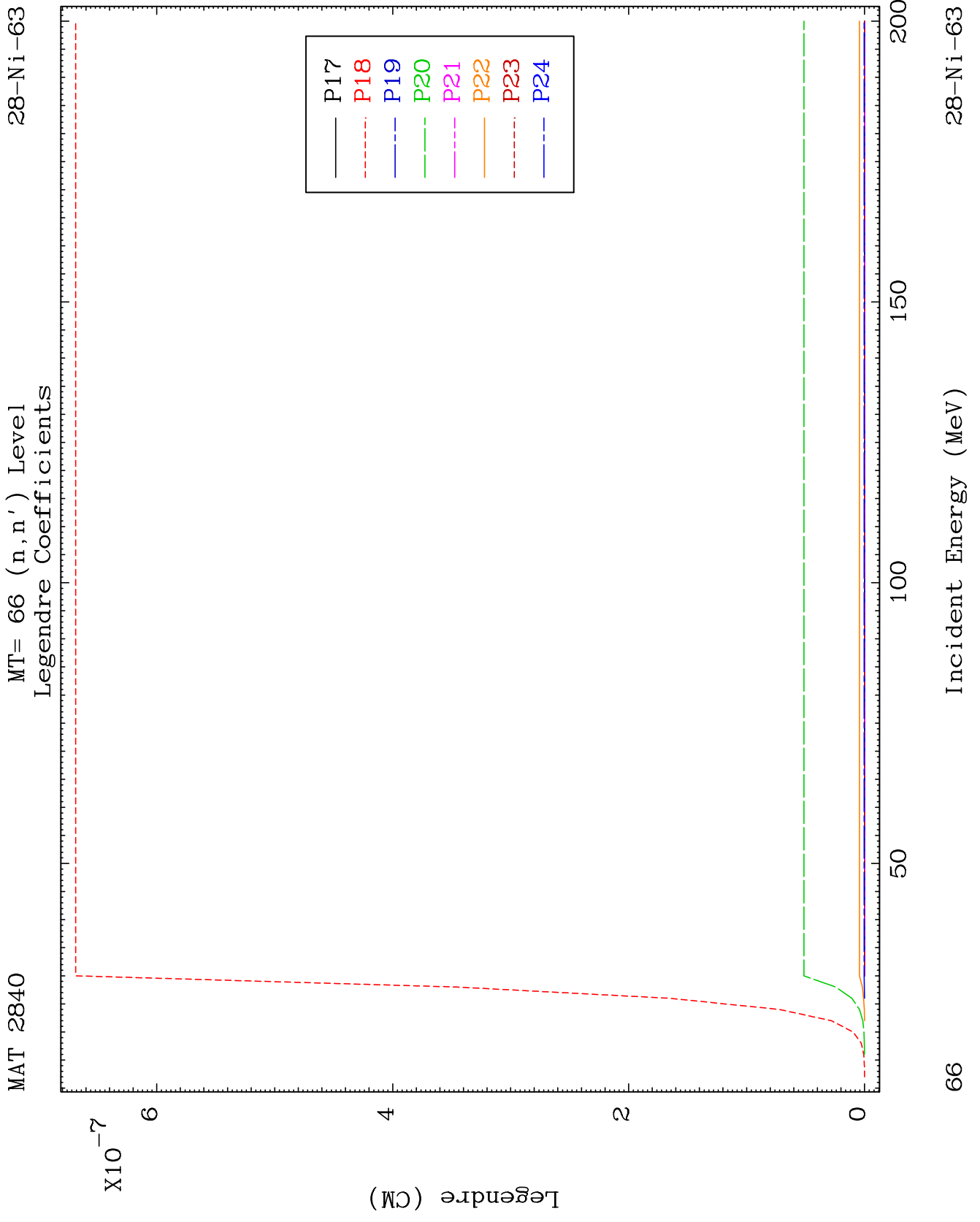
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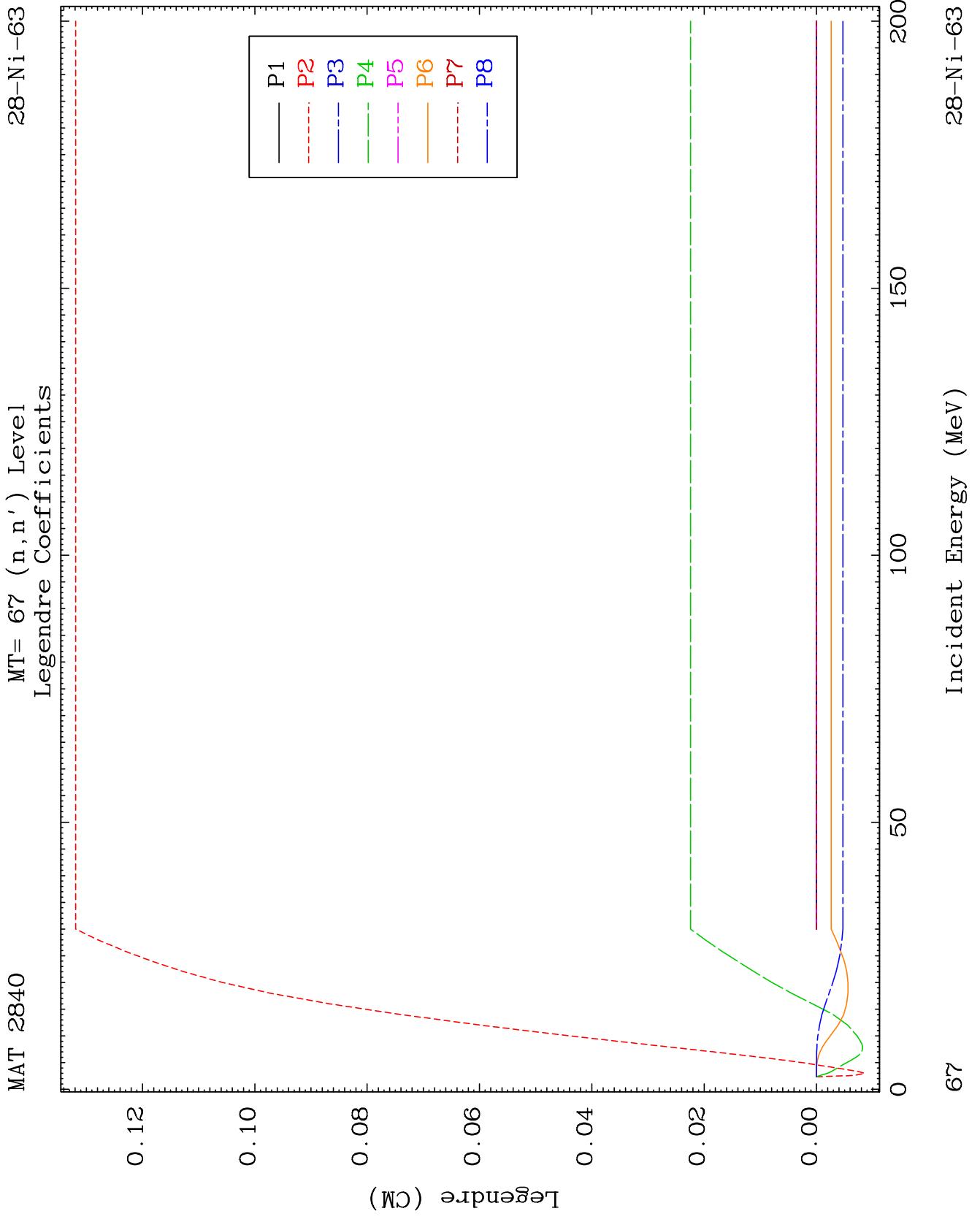
Incident Energy (MeV)

28-Ni-63





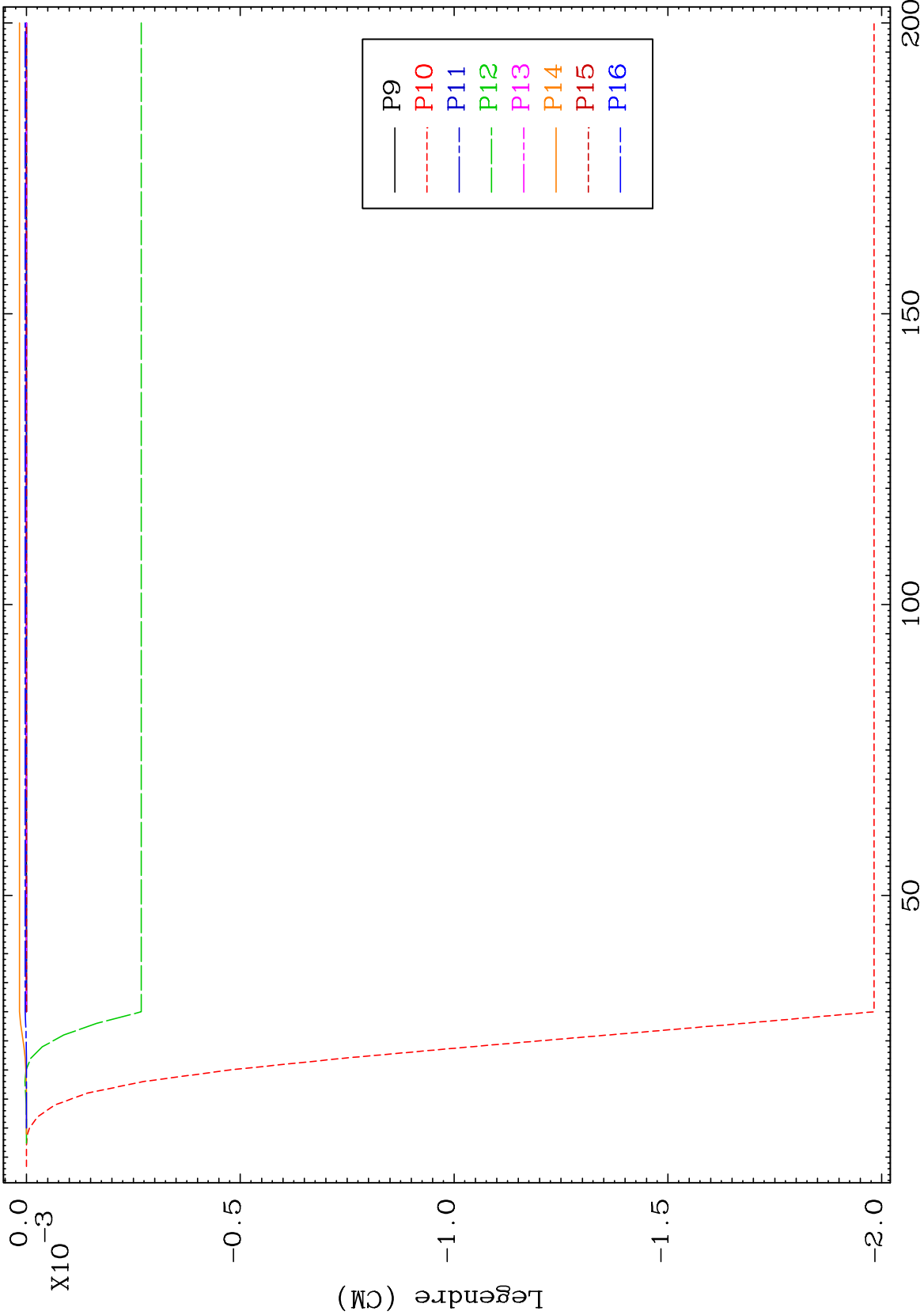




MAT 2840

MT= 67 (n,n') Level
Legendre Coefficients

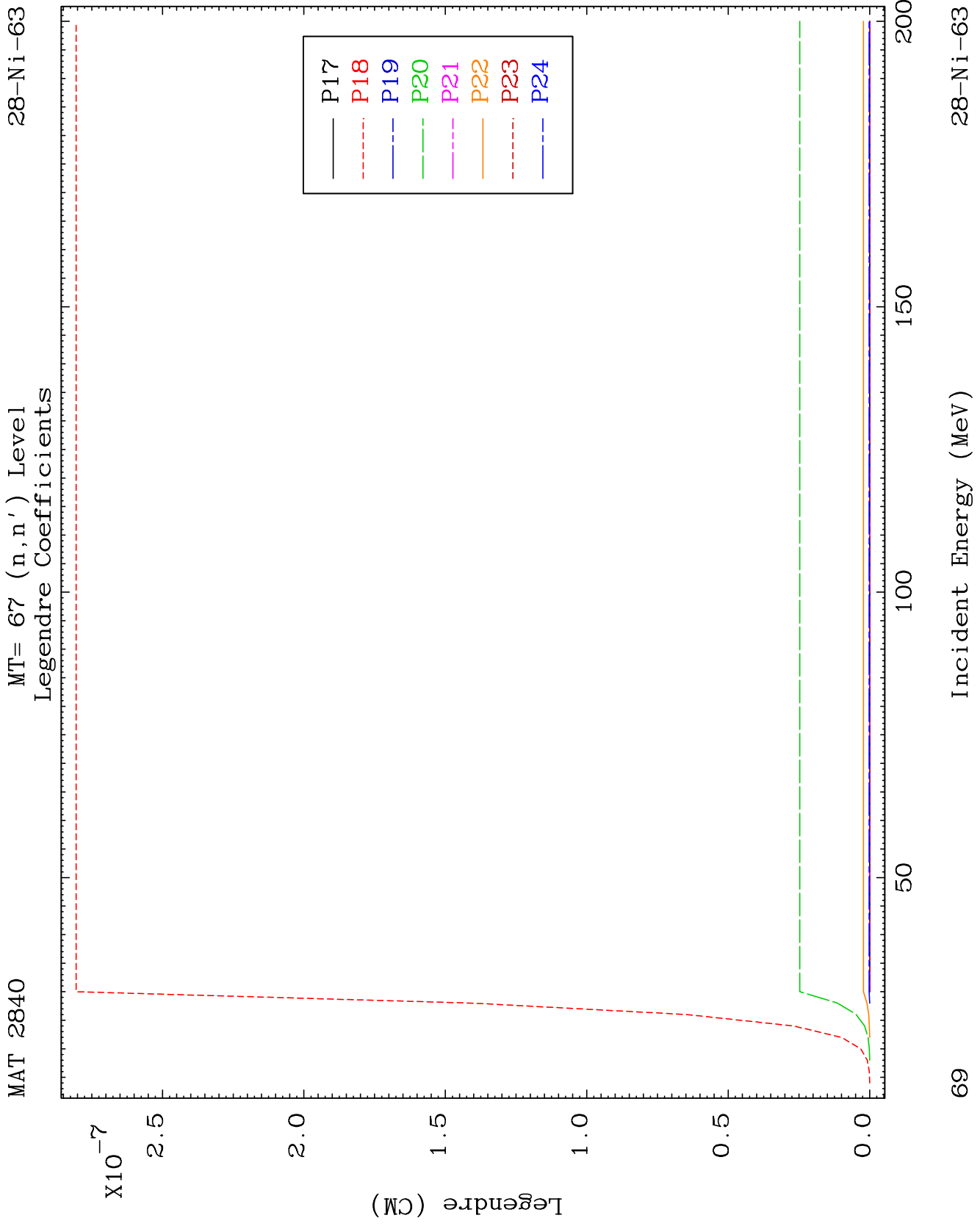
28-Ni-63

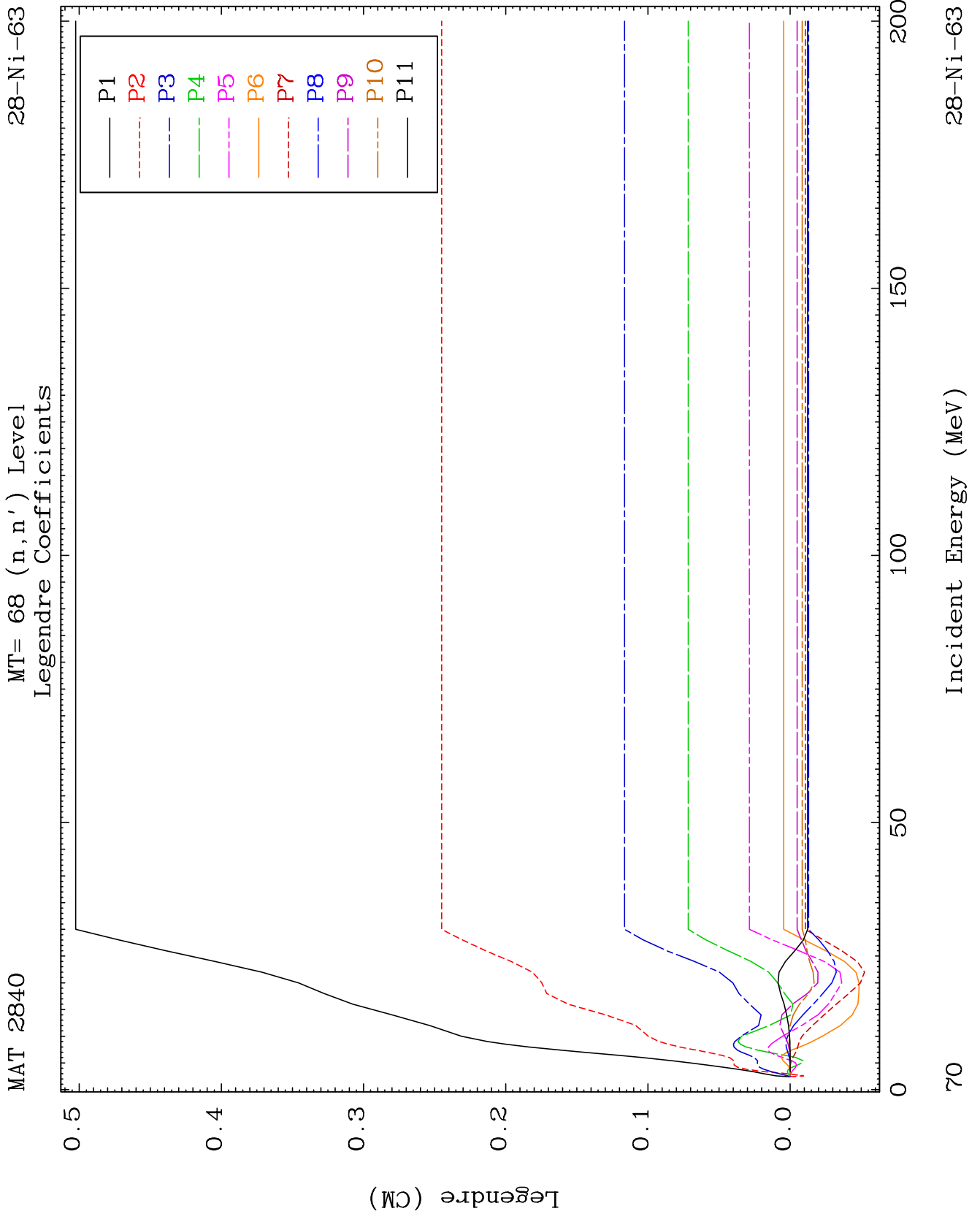


68

Incident Energy (MeV)

28-Ni-63

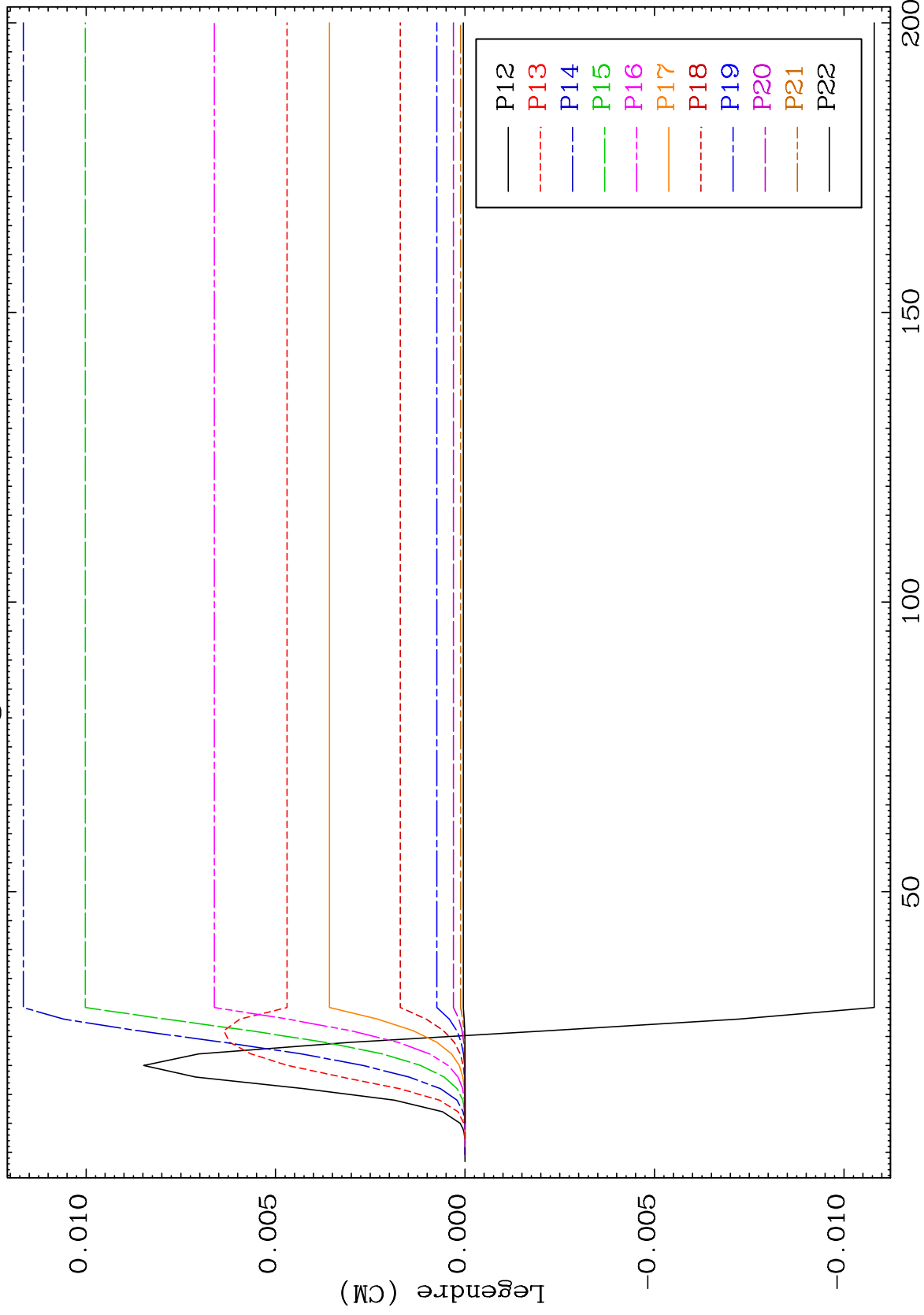




MAT 2840

MT= 68 (n,n') Level
Legendre Coefficients

28-Ni-63



71

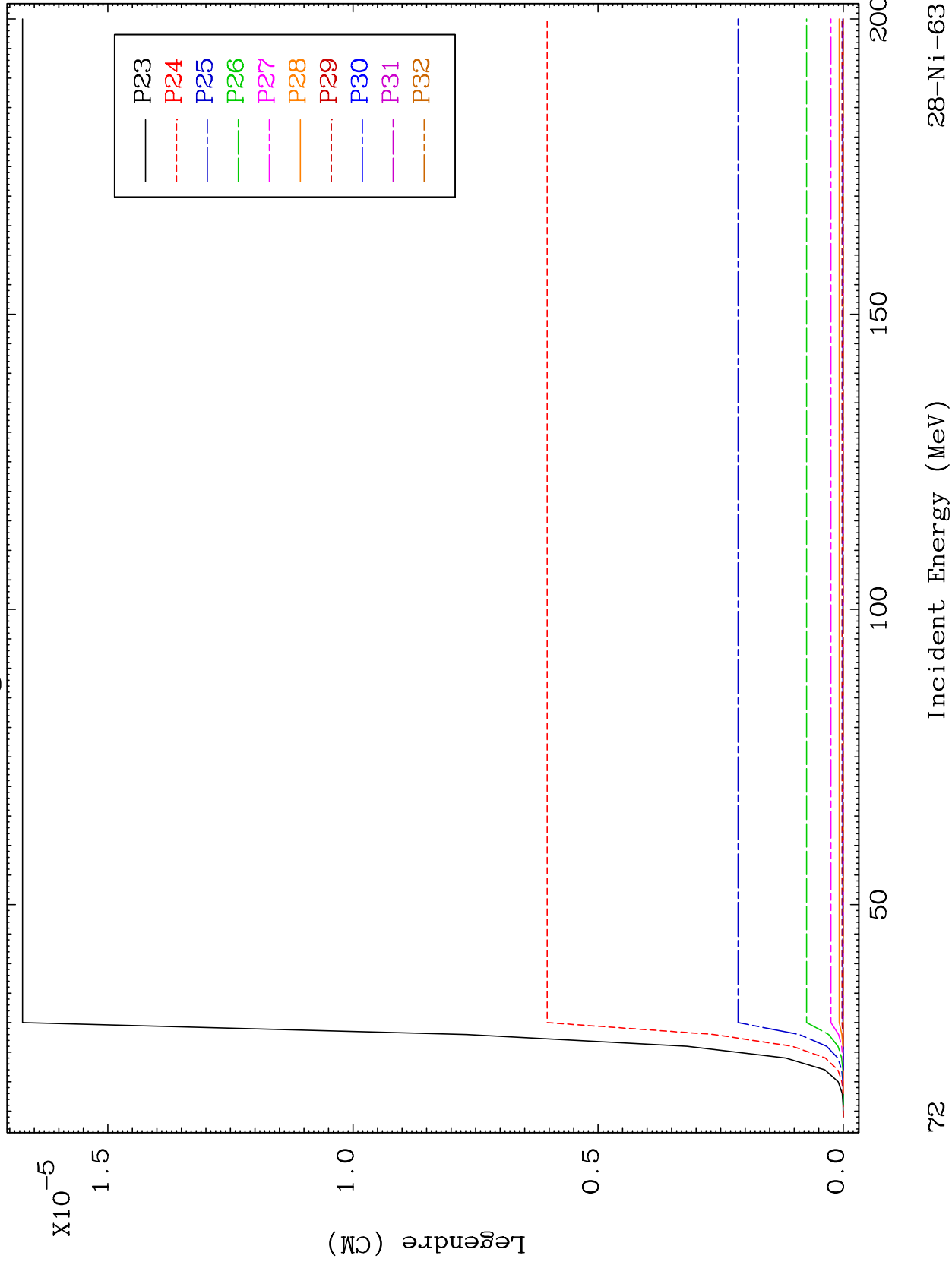
Incident Energy (MeV)

28-Ni-63

MAT 2840

MT= 68 (n,n') Level
Legendre Coefficients

28-Ni-63



72

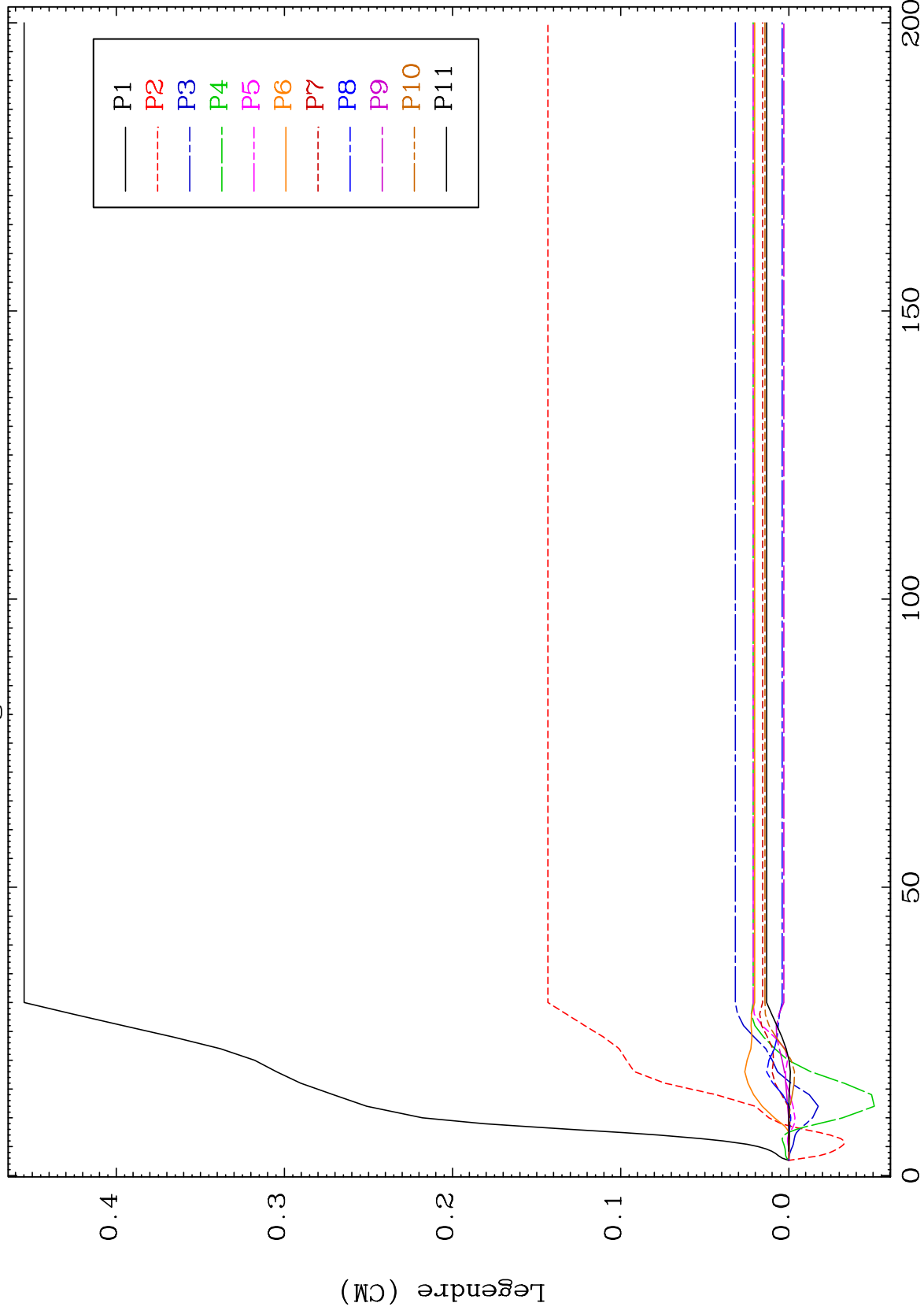
Incident Energy (MeV)

28-Ni-63

MAT 2840

MT= 69 (n,n') Level
Legendre Coefficients

28-Ni-63



73

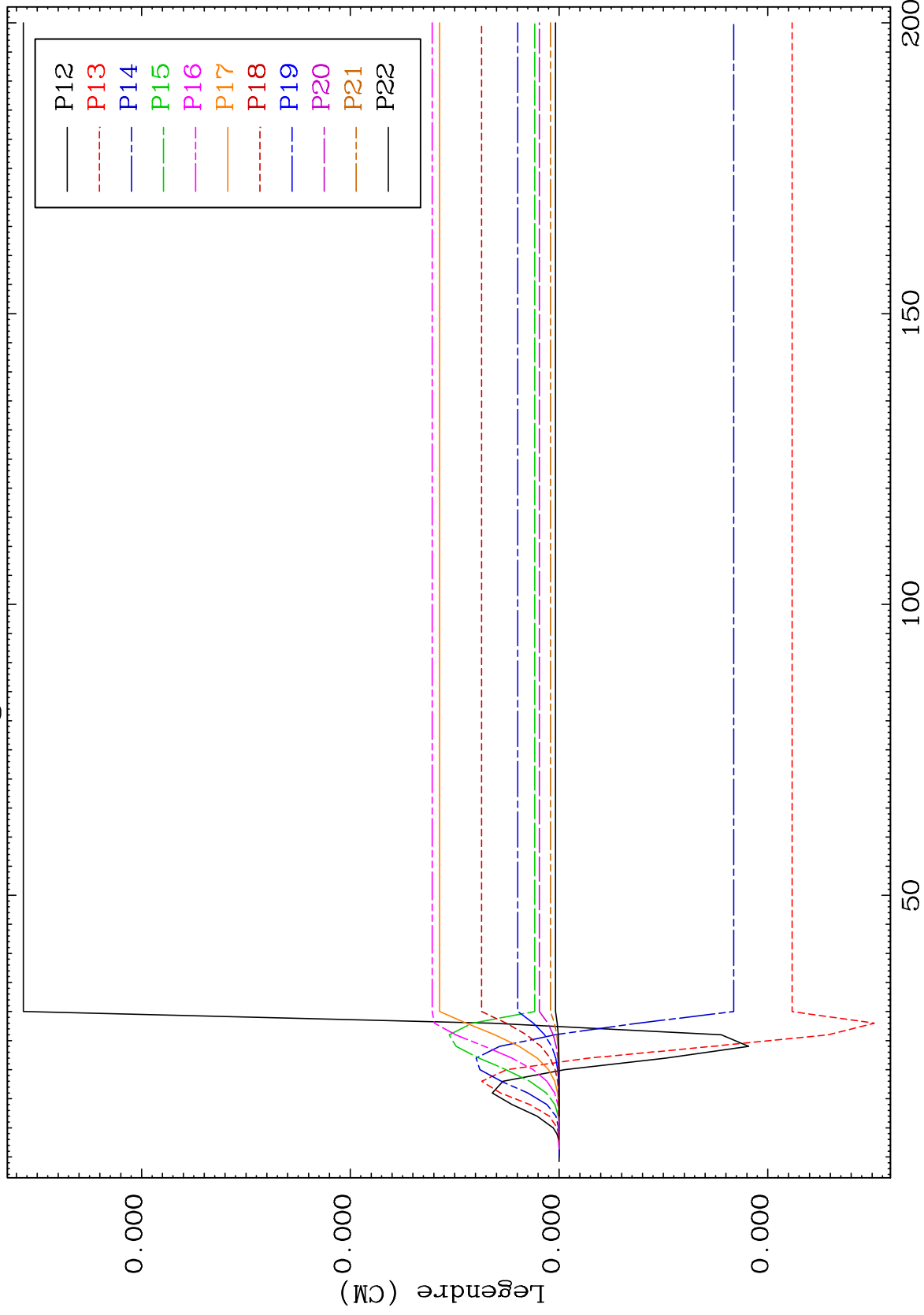
Incident Energy (MeV)

28-Ni-63

MAT 2840

MT= 69 (n,n') Level
Legendre Coefficients

28-Ni-63



74

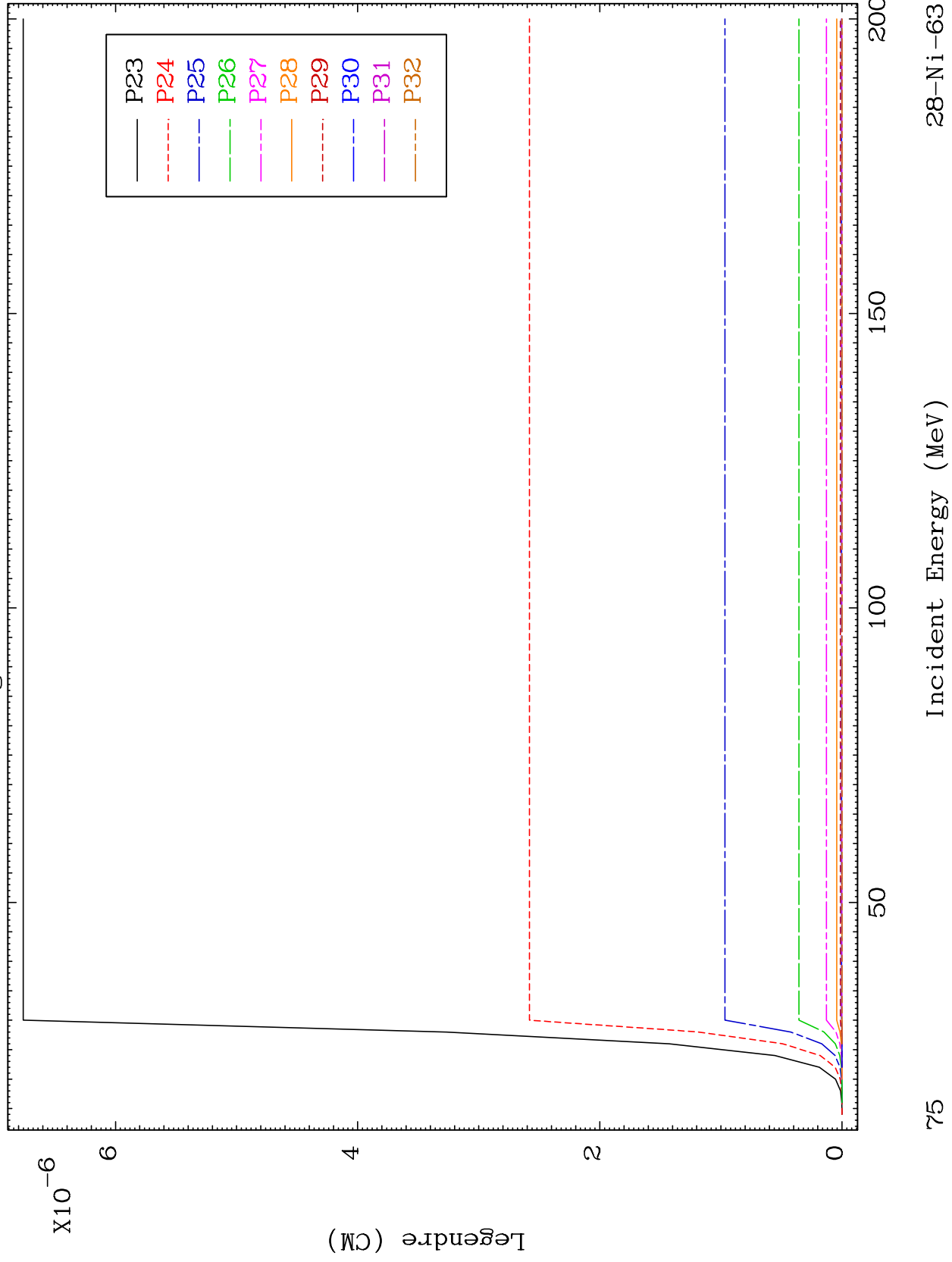
Incident Energy (MeV)

28-Ni-63

MAT 2840

MT= 69 (n,n') Level
Legendre Coefficients

28-Ni-63



75

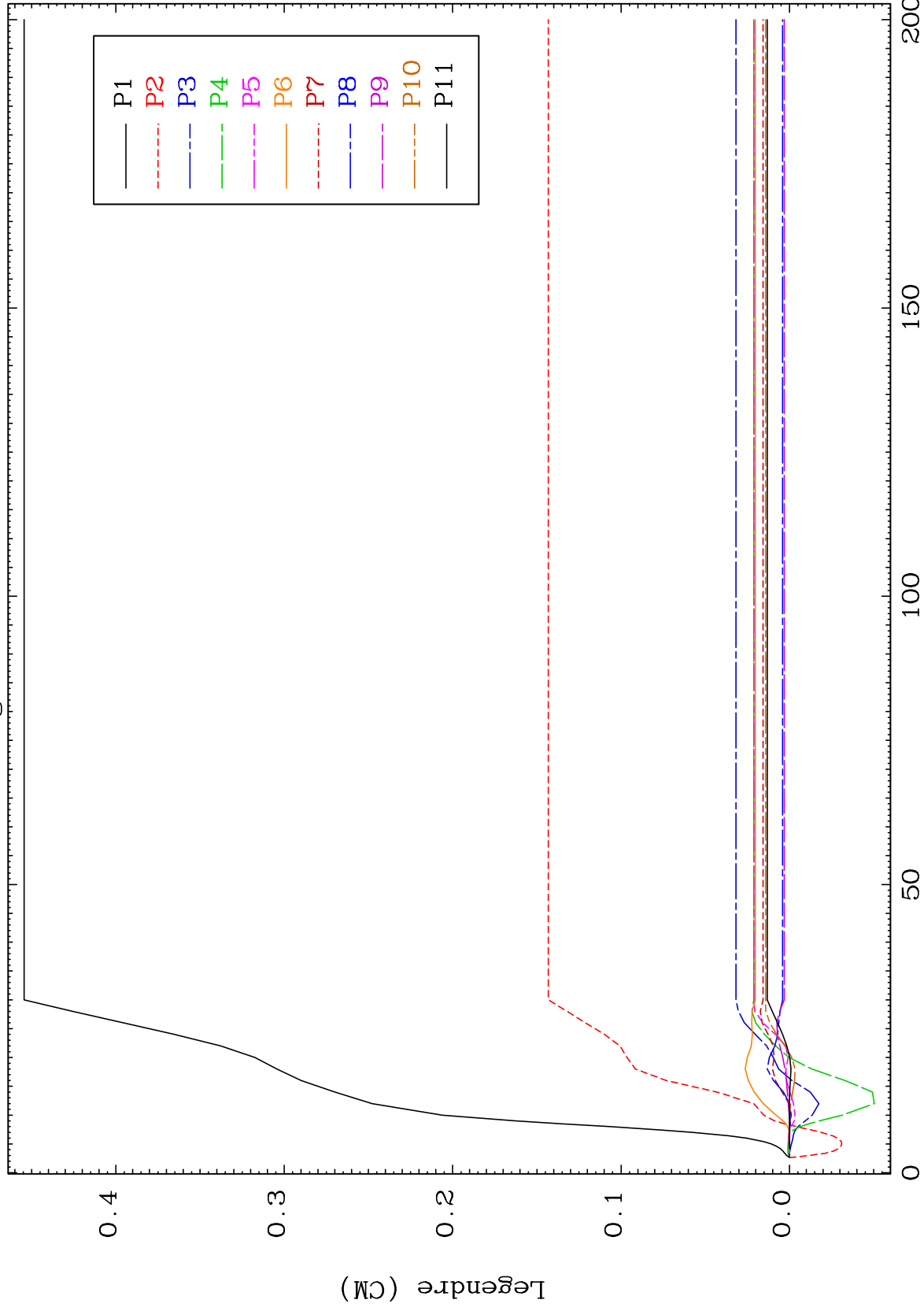
Incident Energy (MeV)

28-Ni-63

MAT 2840

MT= 70 (n,n') Level
Legendre Coefficients

28-Ni-63



76

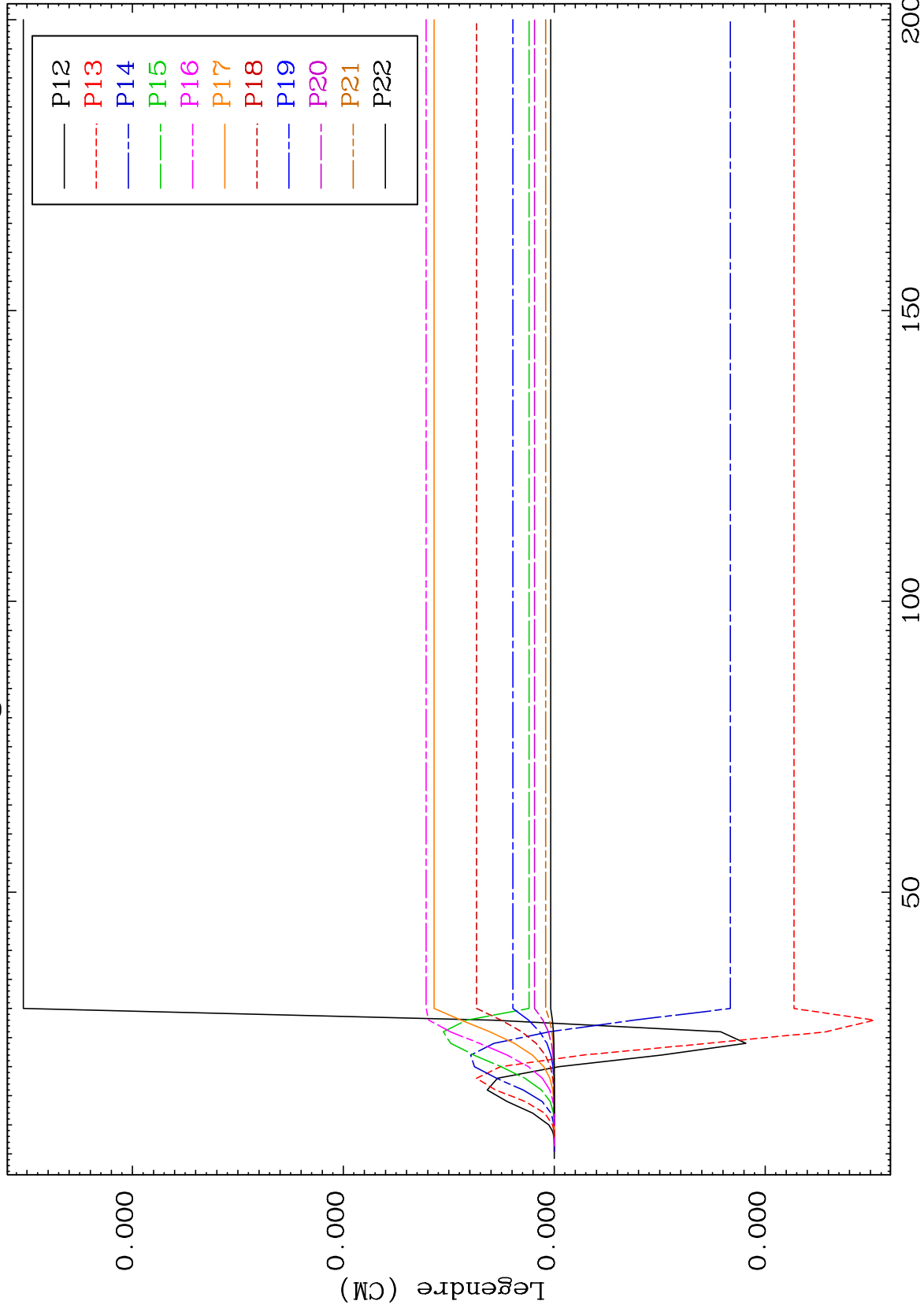
Incident Energy (MeV)

28-Ni-63

MAT 2840

MT= 70 (n,n') Level
Legendre Coefficients

28-Ni-63



77

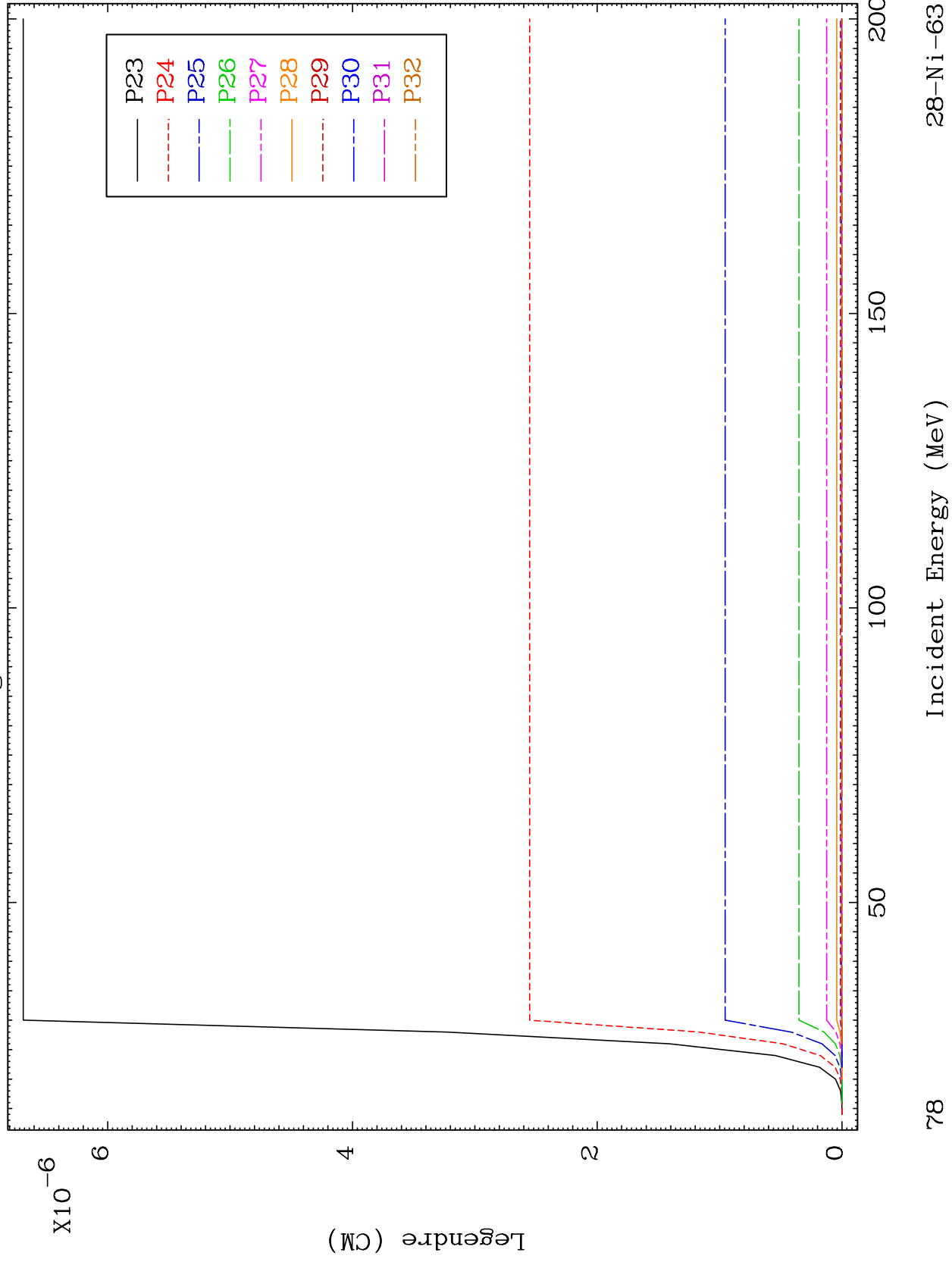
Incident Energy (MeV)

28-Ni-63

MAT 2840

MT= 70 (n,n') Level
Legendre Coefficients

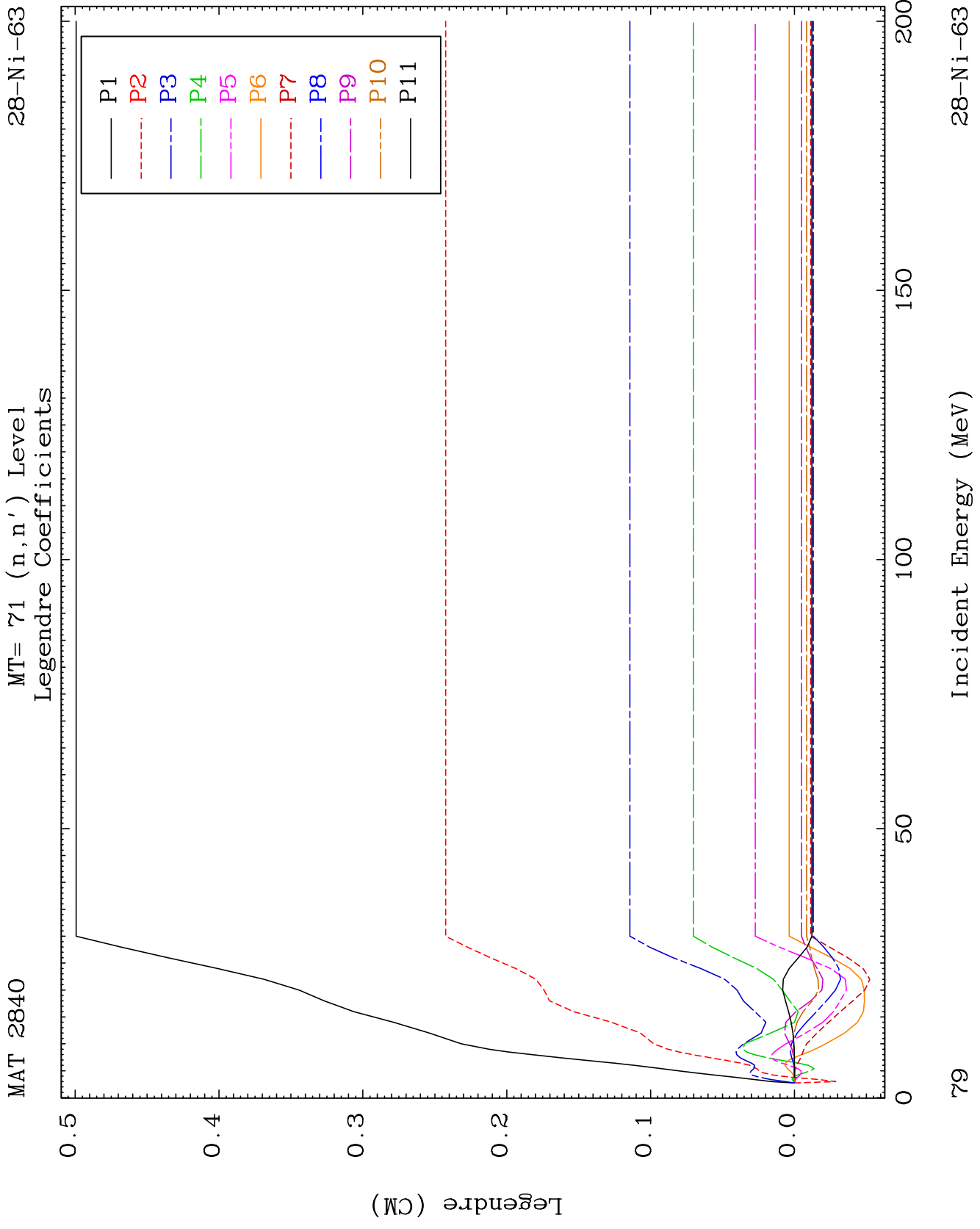
28-Ni-63



78

Incident Energy (MeV)

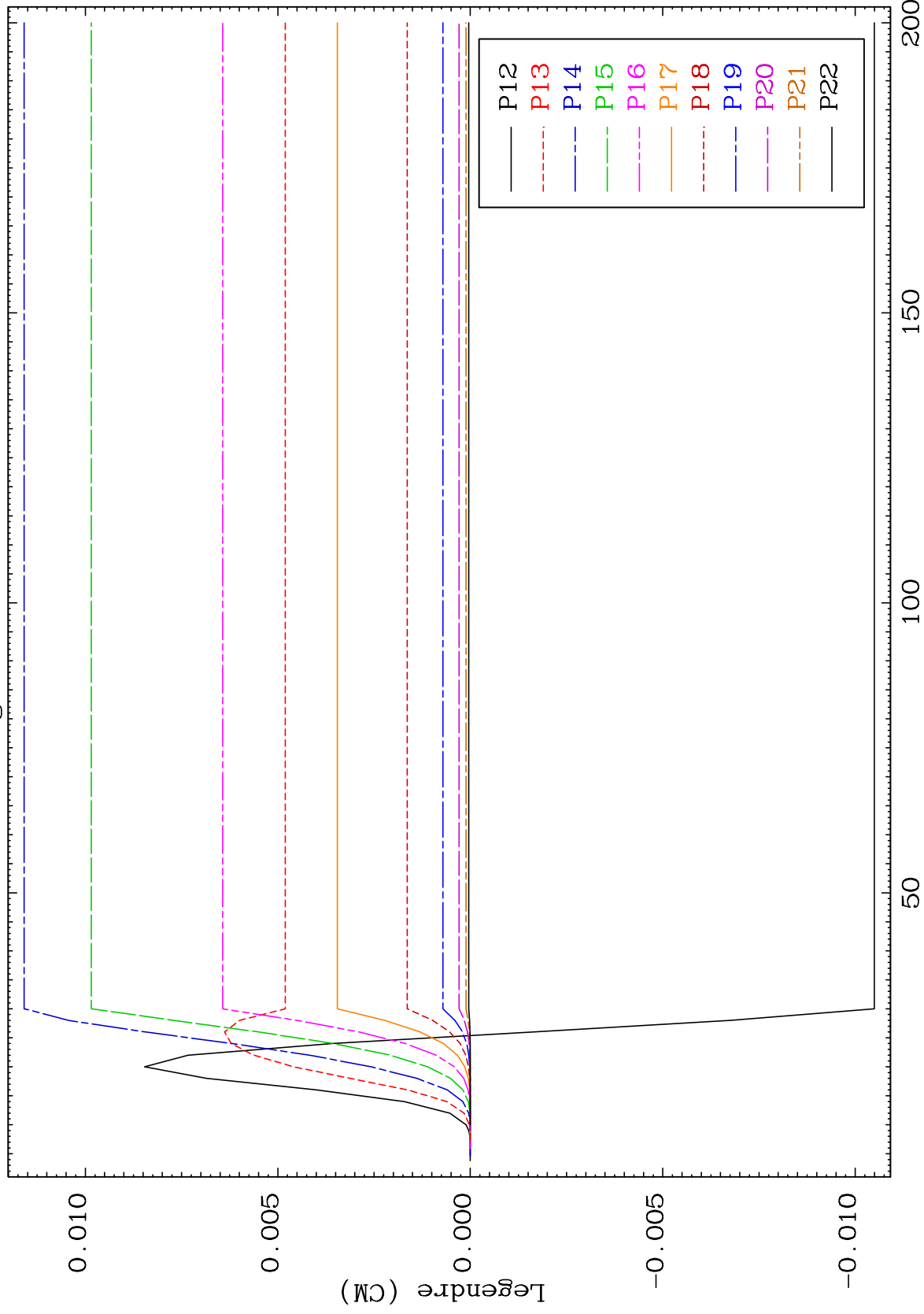
28-Ni-63



MAT 2840

MT= 71 (n,n') Level
Legendre Coefficients

28-Ni-63



80

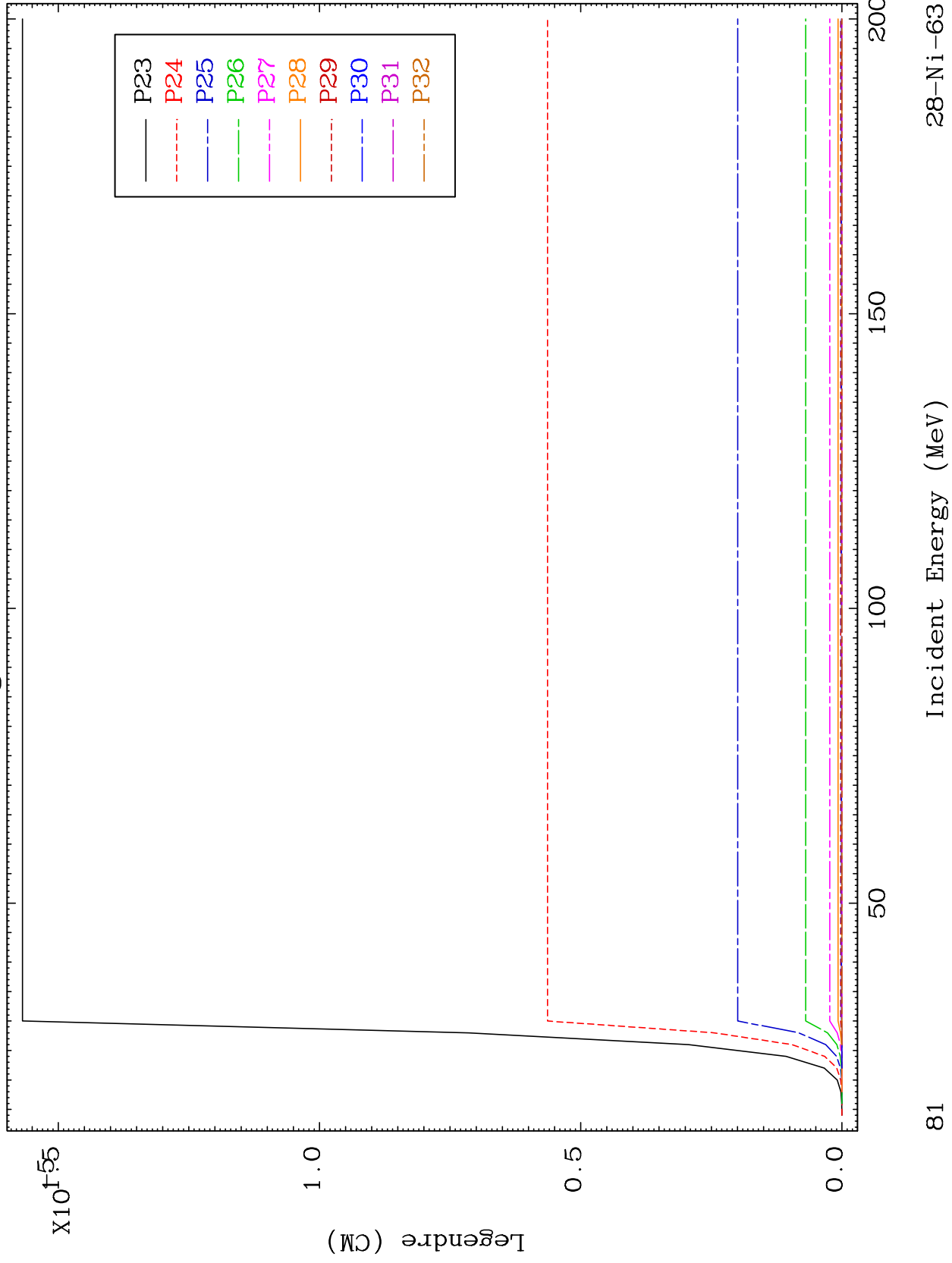
Incident Energy (MeV)

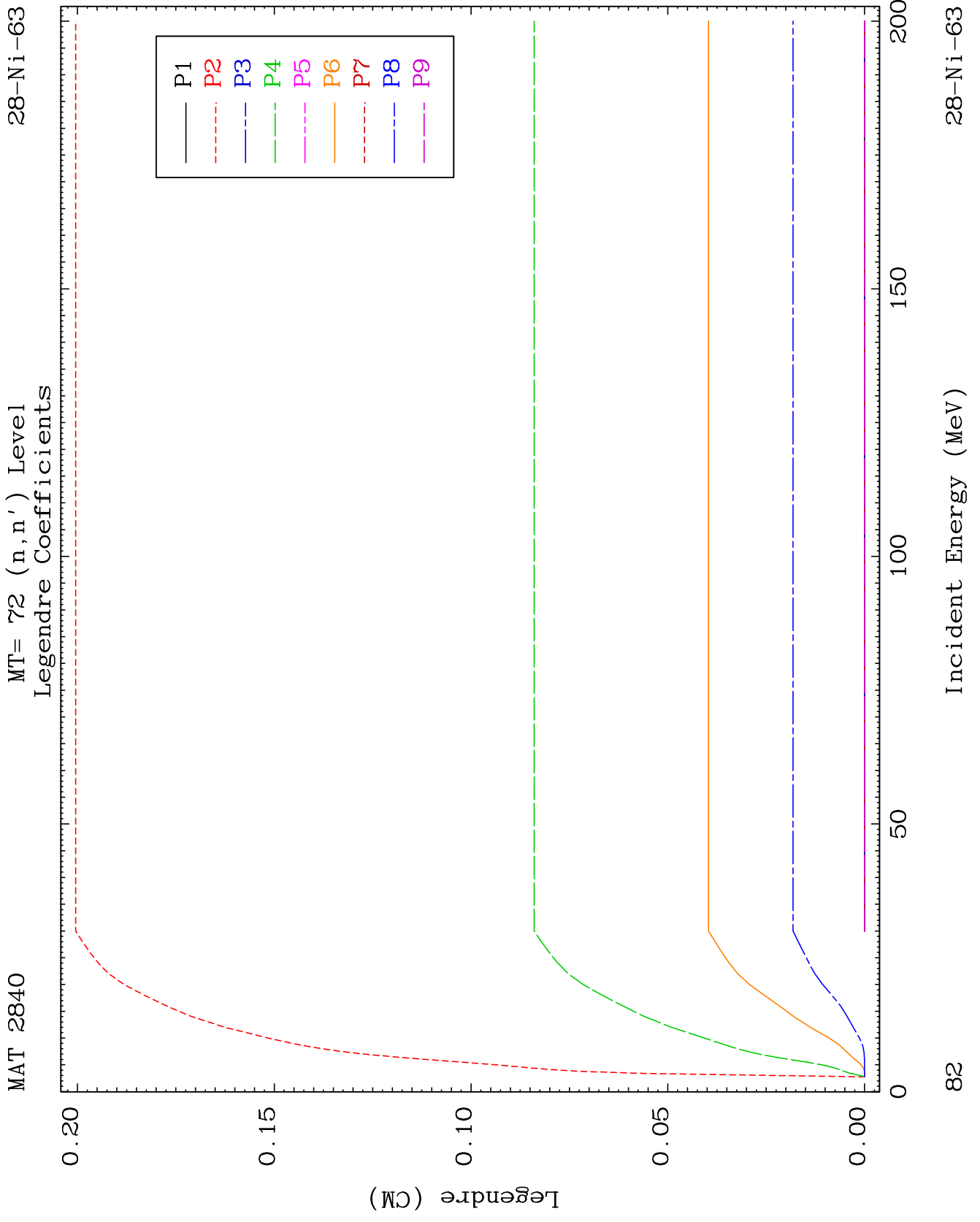
28-Ni-63

MAT 2840

MT= 71 (n,n') Level
Legendre Coefficients

28-Ni-63

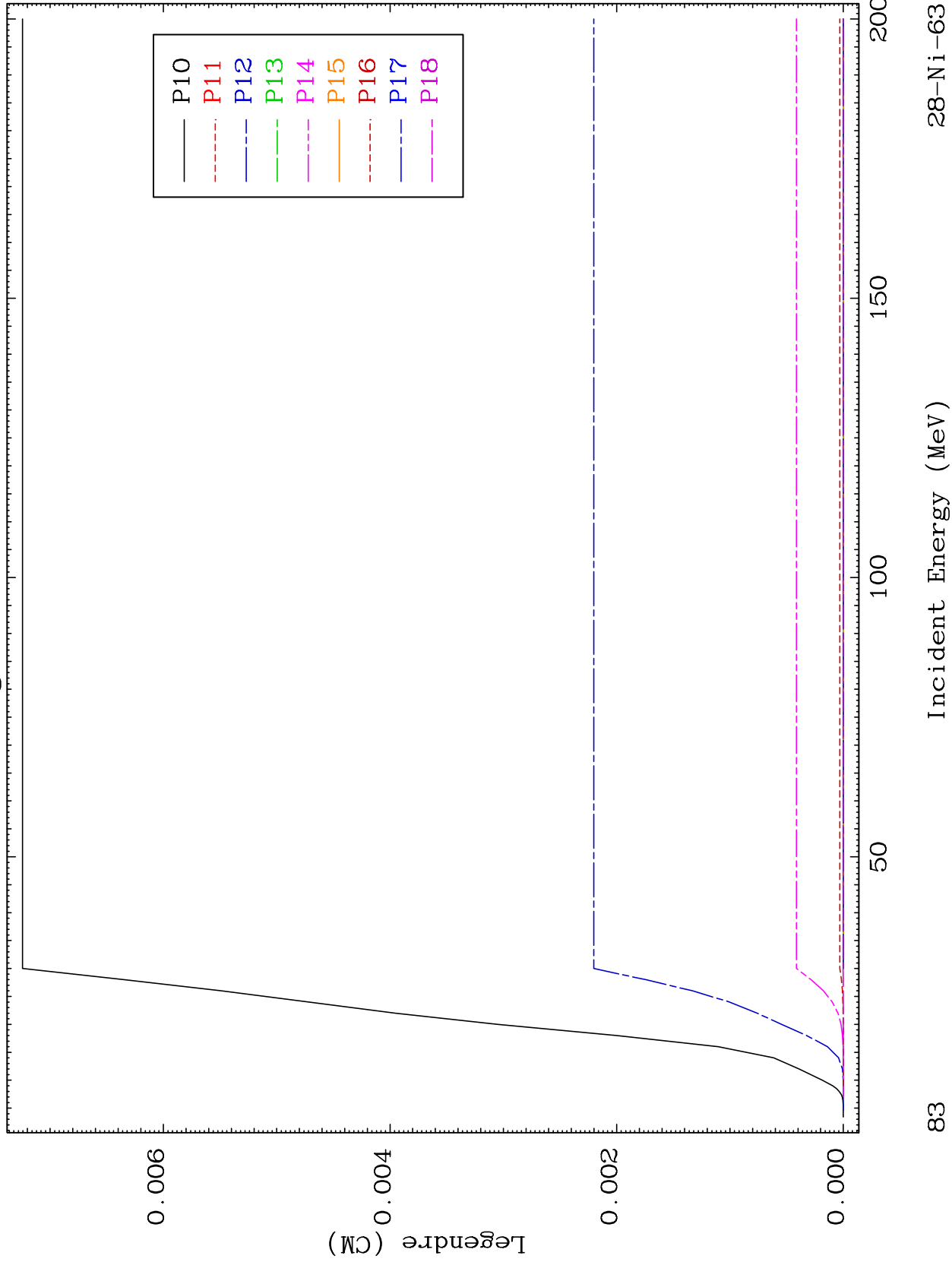


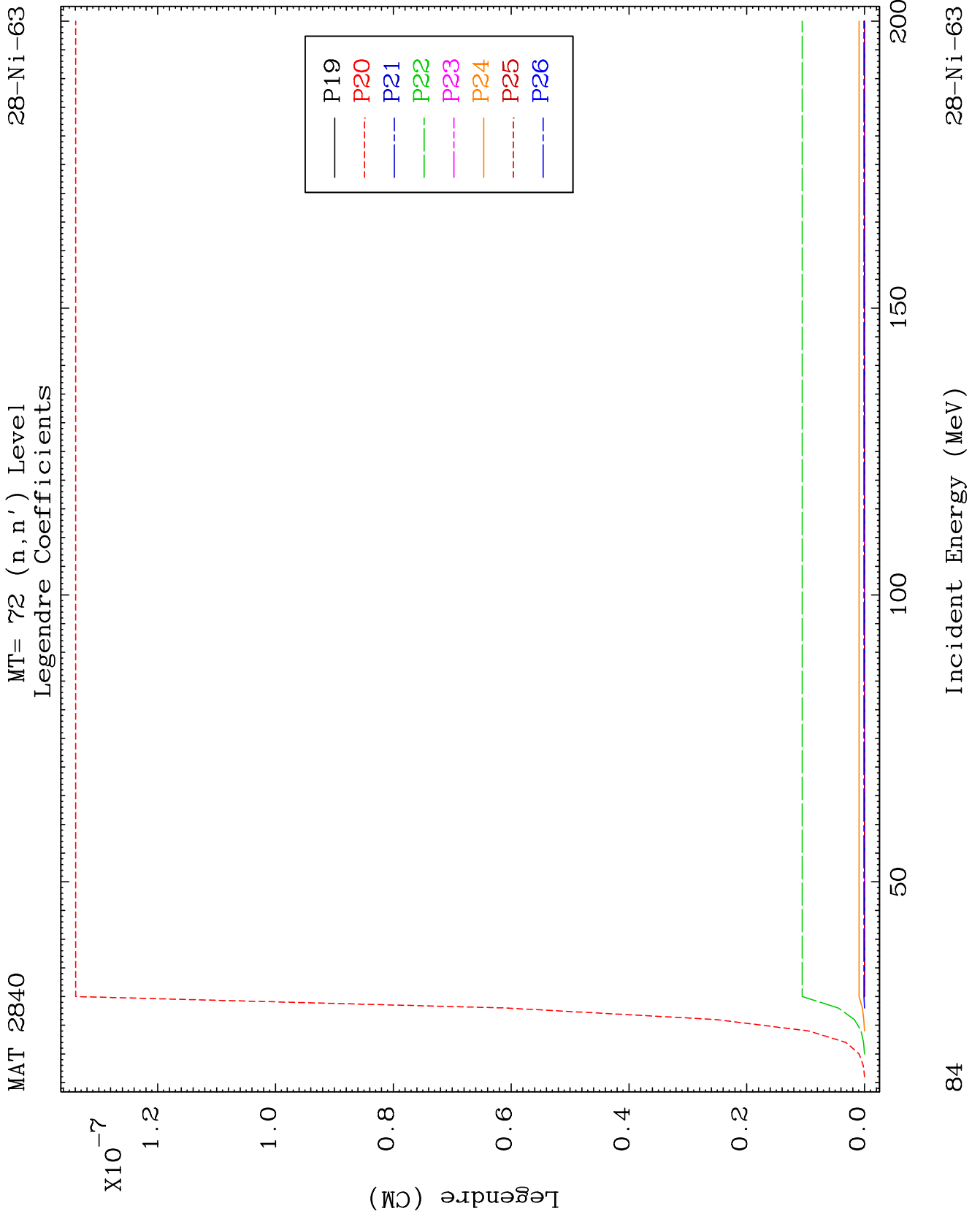


MAT 2840

MT= 72 (n,n') Level
Legendre Coefficients

28-Ni-63

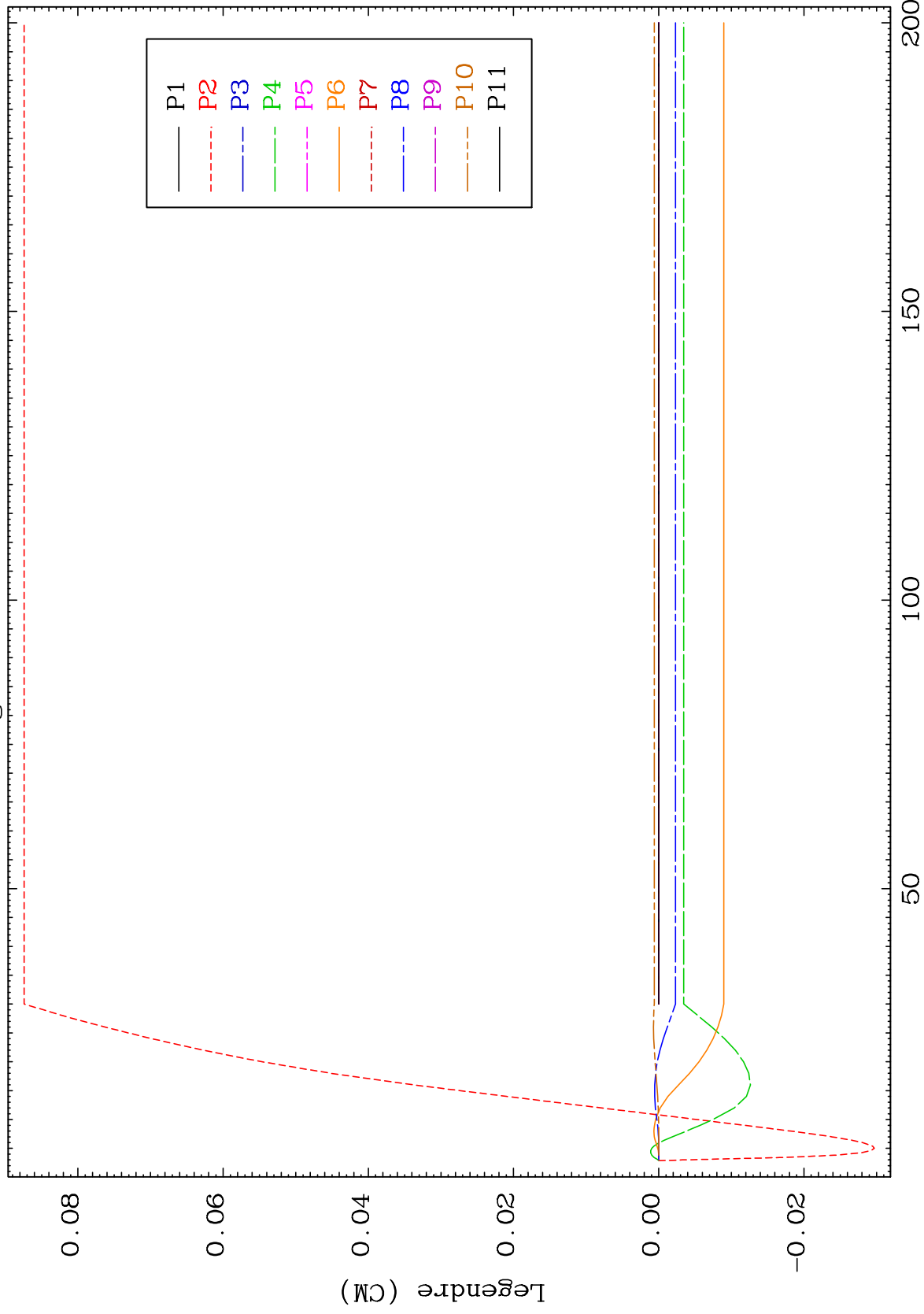




MAT 2840

MT= 73 (n,n') Level
Legendre Coefficients

28-Ni-63



85

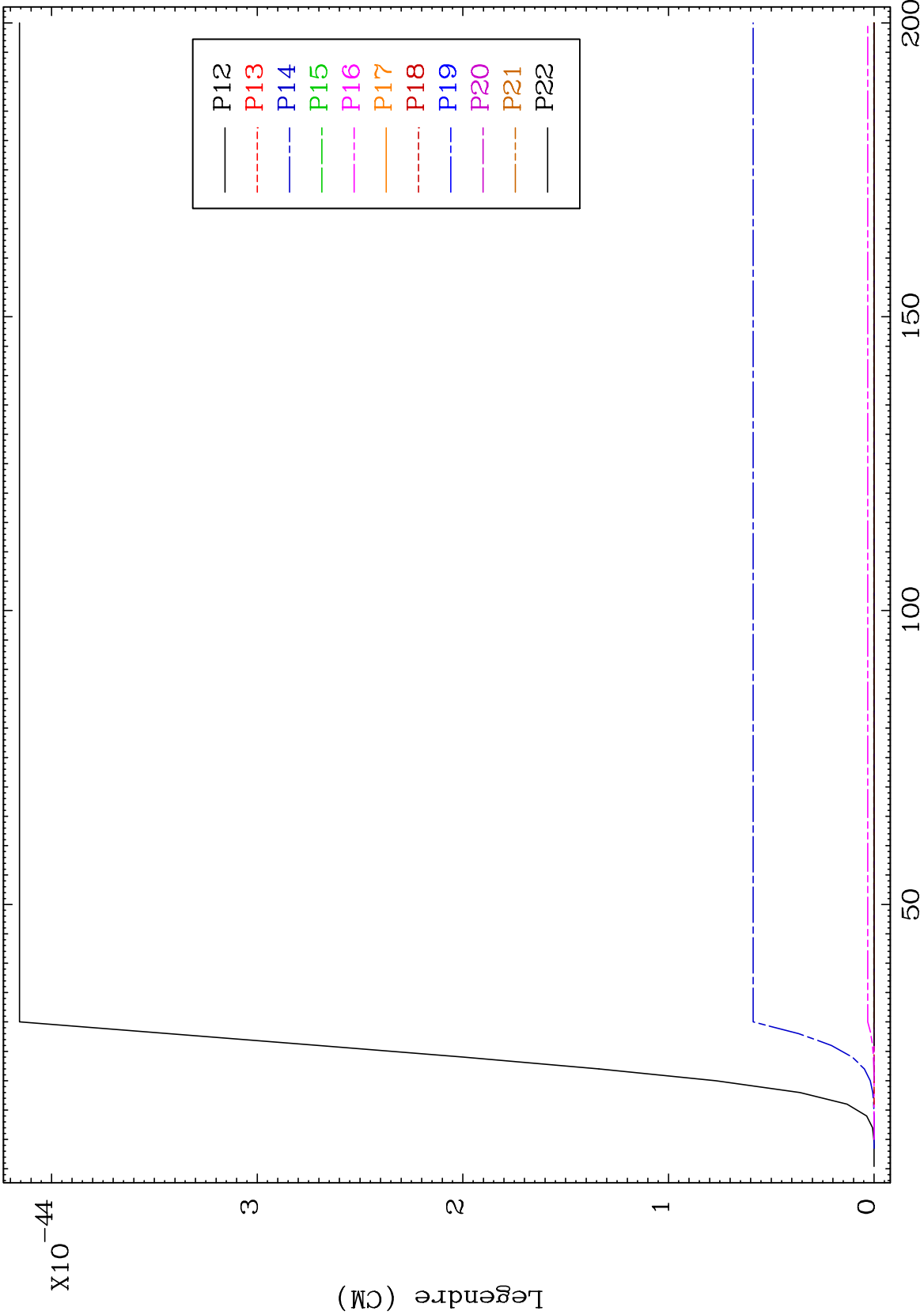
Incident Energy (MeV)

28-Ni-63

MAT 2840

MT= 73 (n,n') Level
Legendre Coefficients

28-Ni-63



86

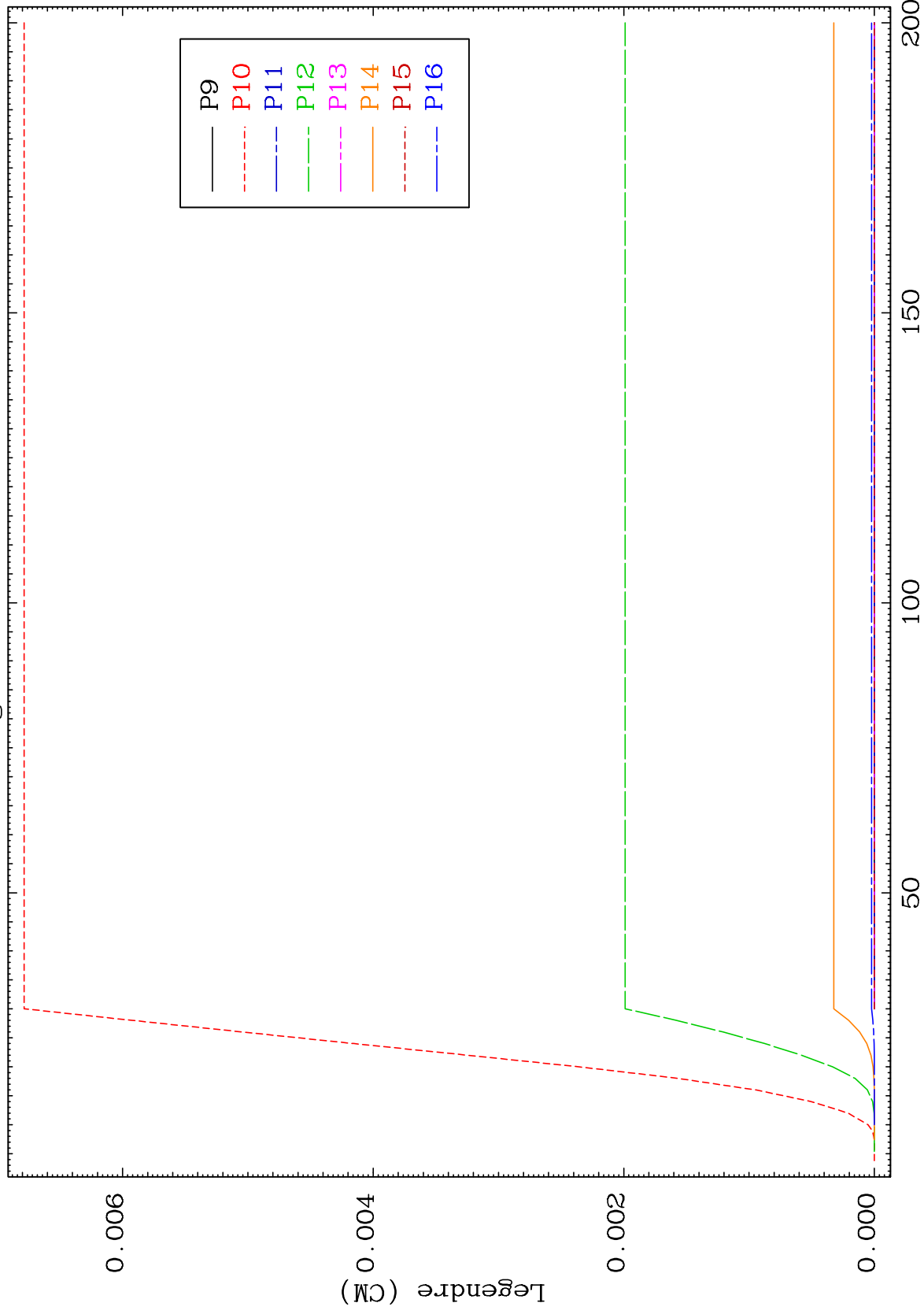
Incident Energy (MeV)

28-Ni-63

MAT 2840

MT= 74 (n,n') Level
Legendre Coefficients

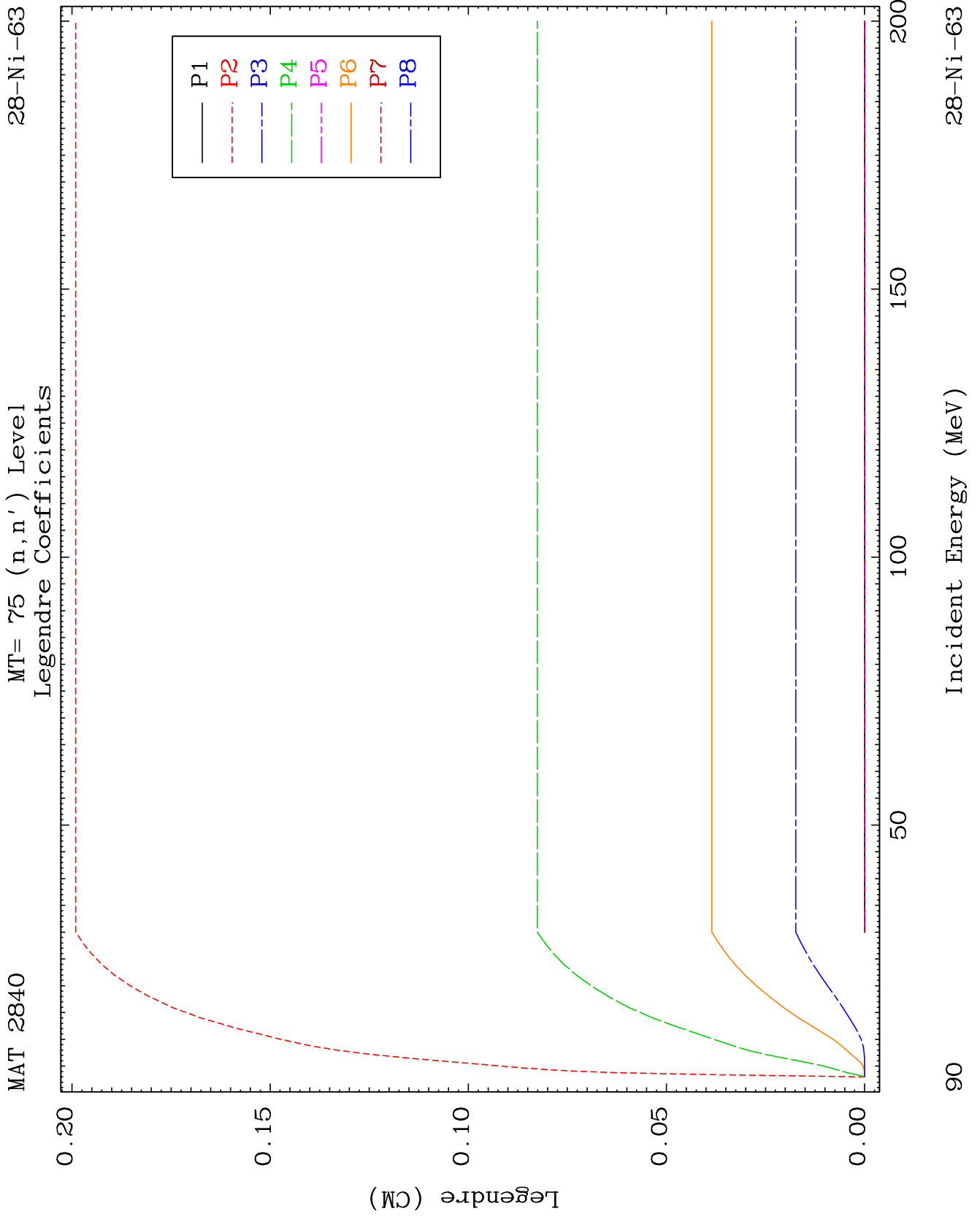
28-Ni-63



88

Incident Energy (MeV)

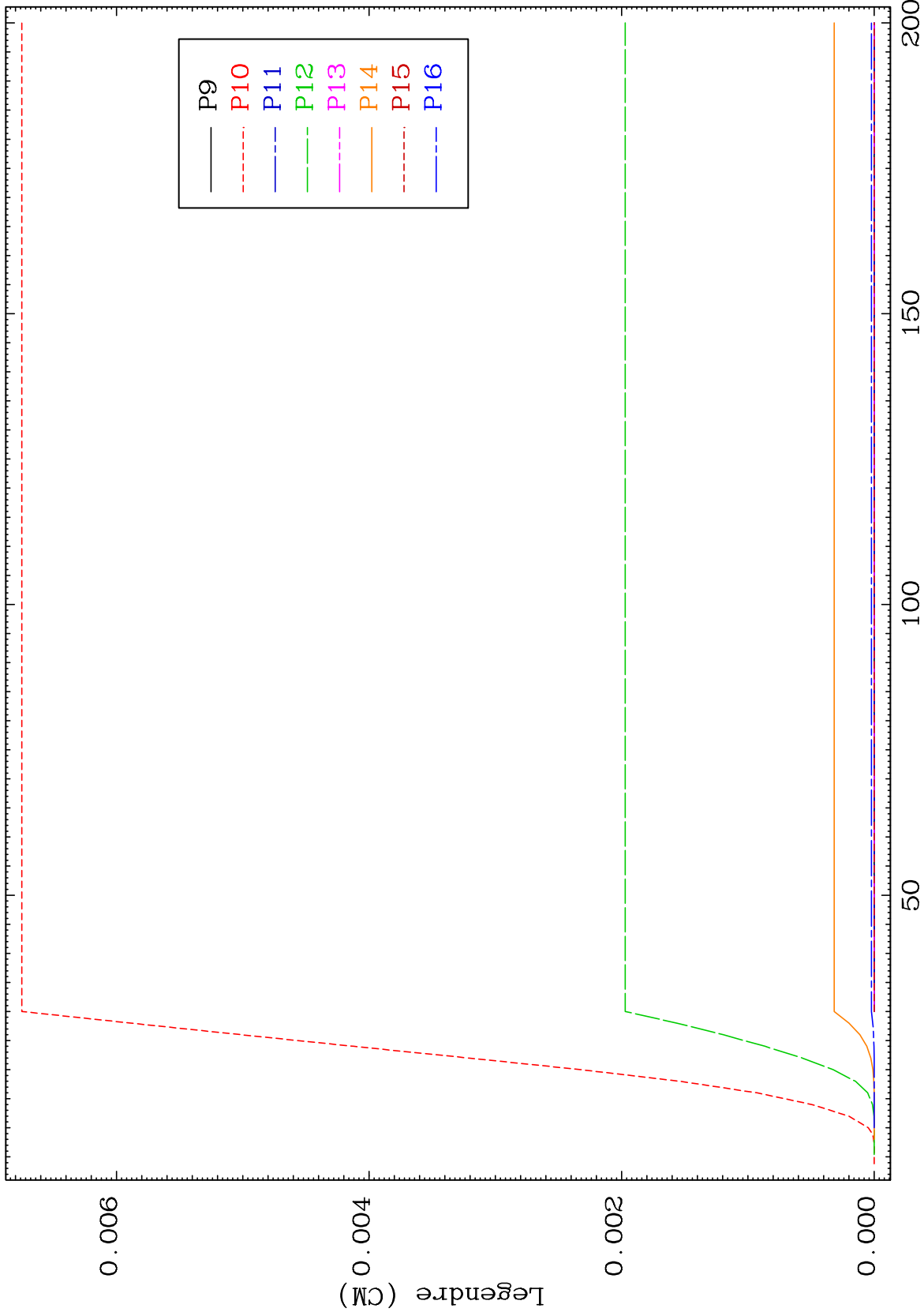
28-Ni-63



MAT 2840

MT= 75 (n,n') Level
Legendre Coefficients

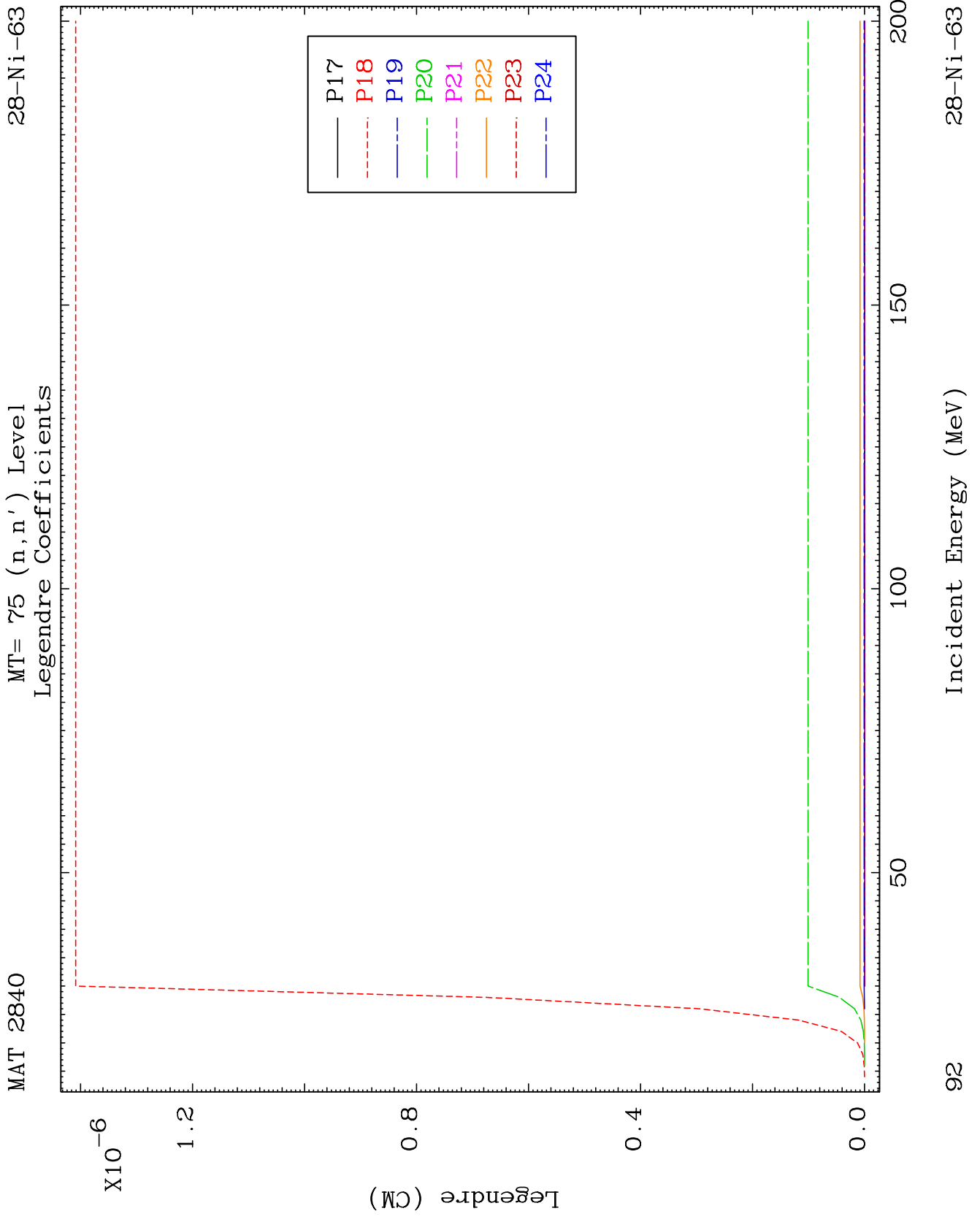
28-Ni-63



91

Incident Energy (MeV)

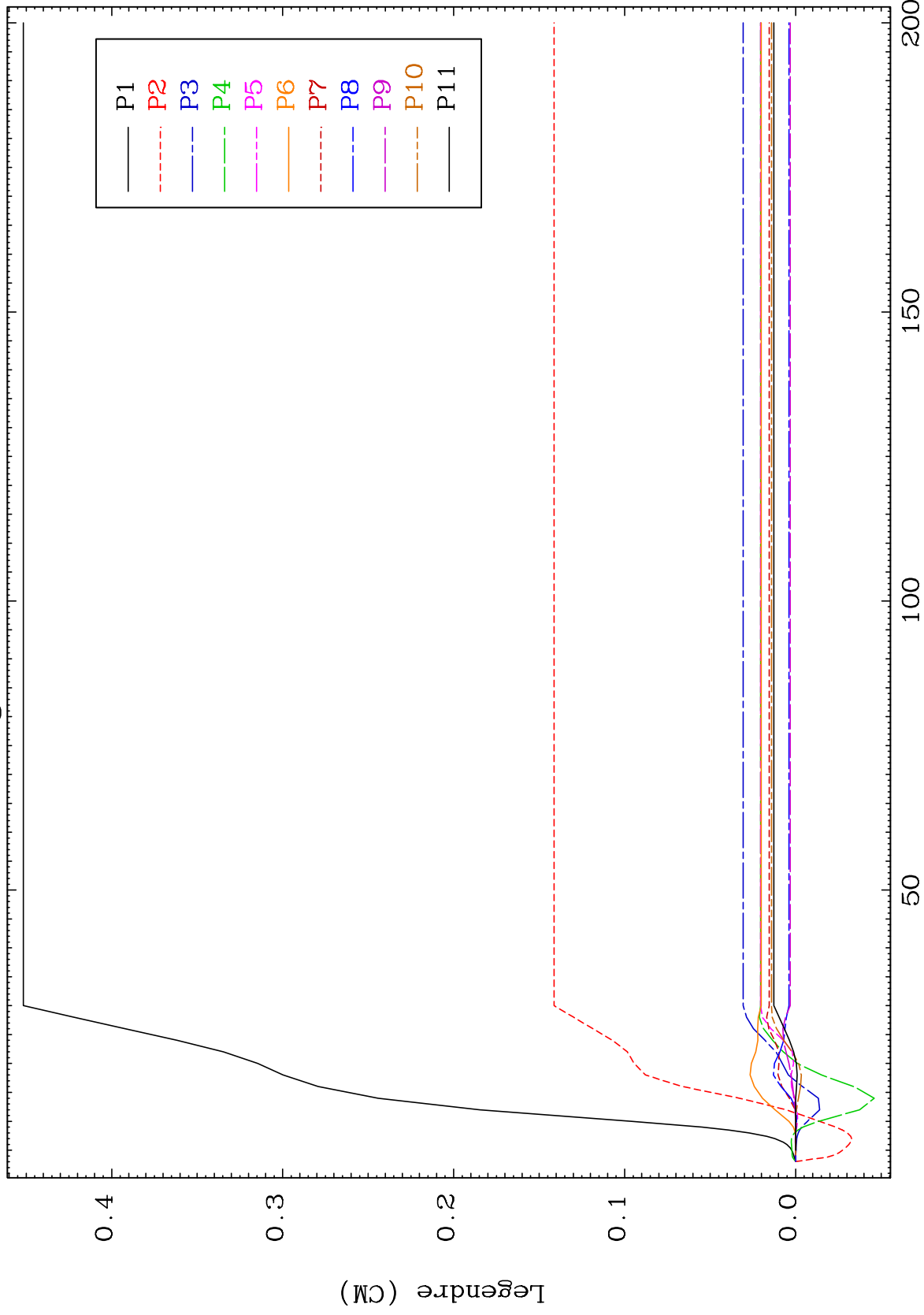
28-Ni-63



MAT 2840

MT= 76 (n,n') Level
Legendre Coefficients

28-Ni-63



93

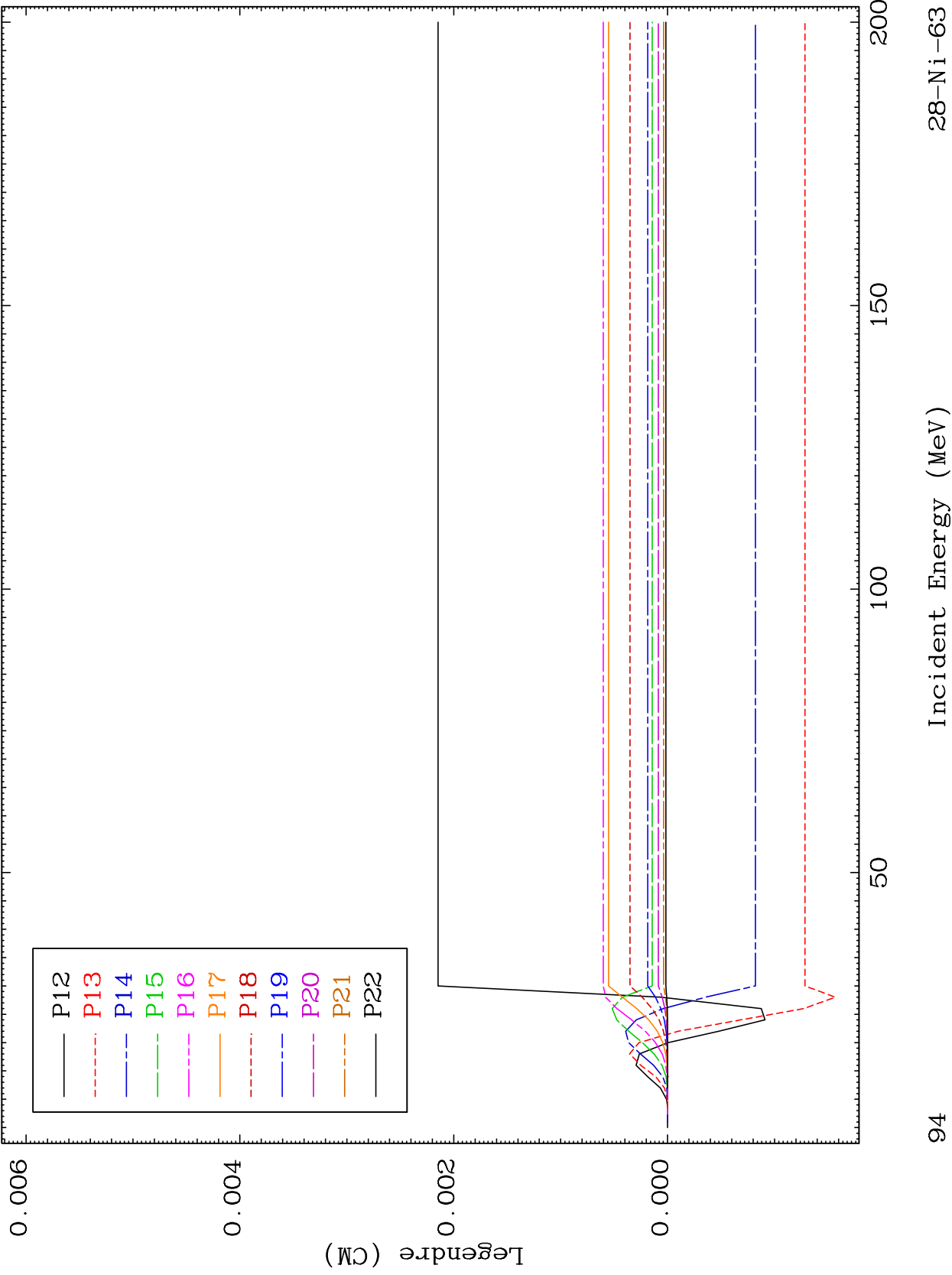
Incident Energy (MeV)

28-Ni-63

MAT 2840

MT= 76 (n,n') Level
Legendre Coefficients

28-Ni-63



94

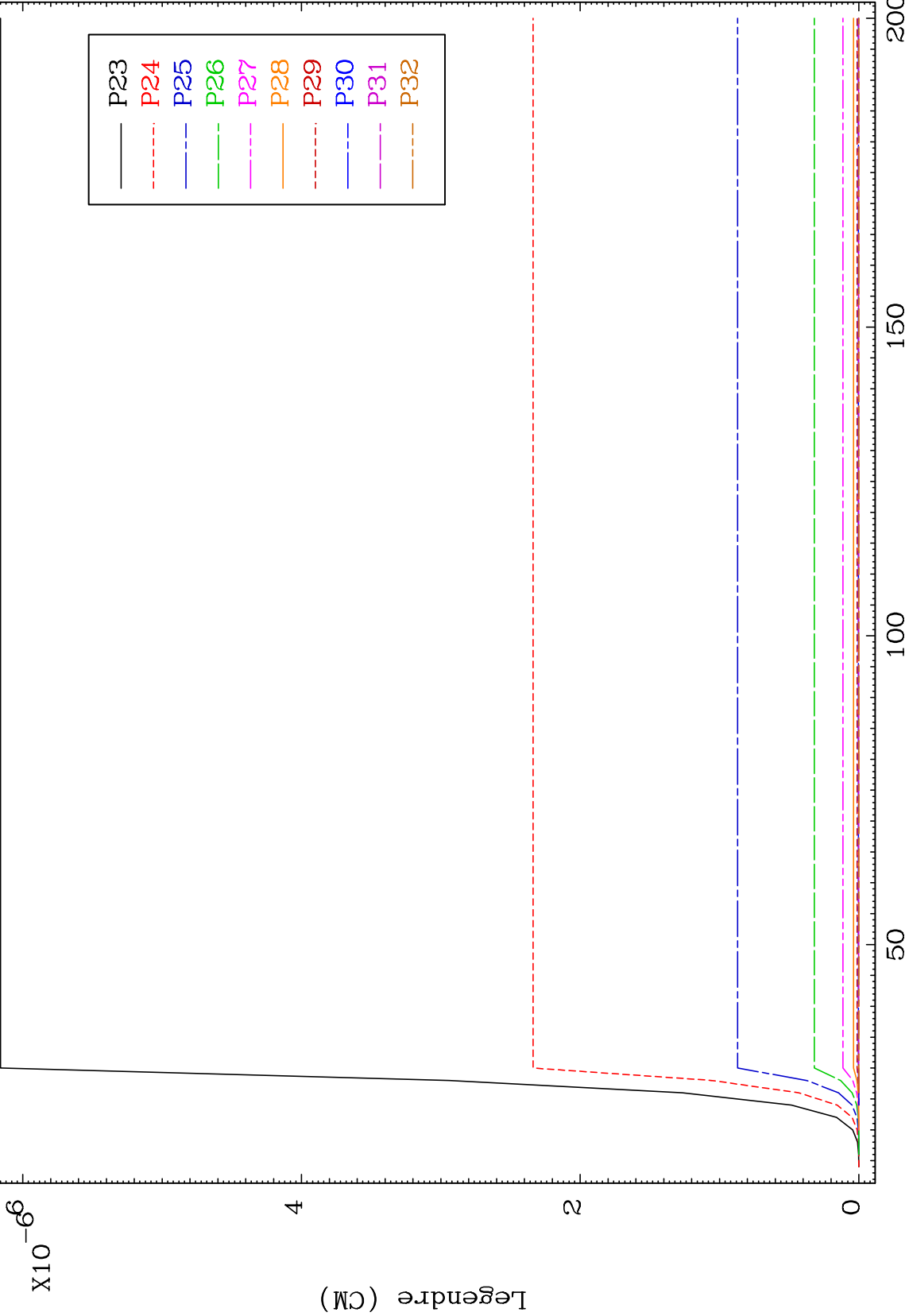
Incident Energy (MeV)

28-Ni-63

MAT 2840

MT= 76 (n,n') Level
Legendre Coefficients

28-Ni-63



95

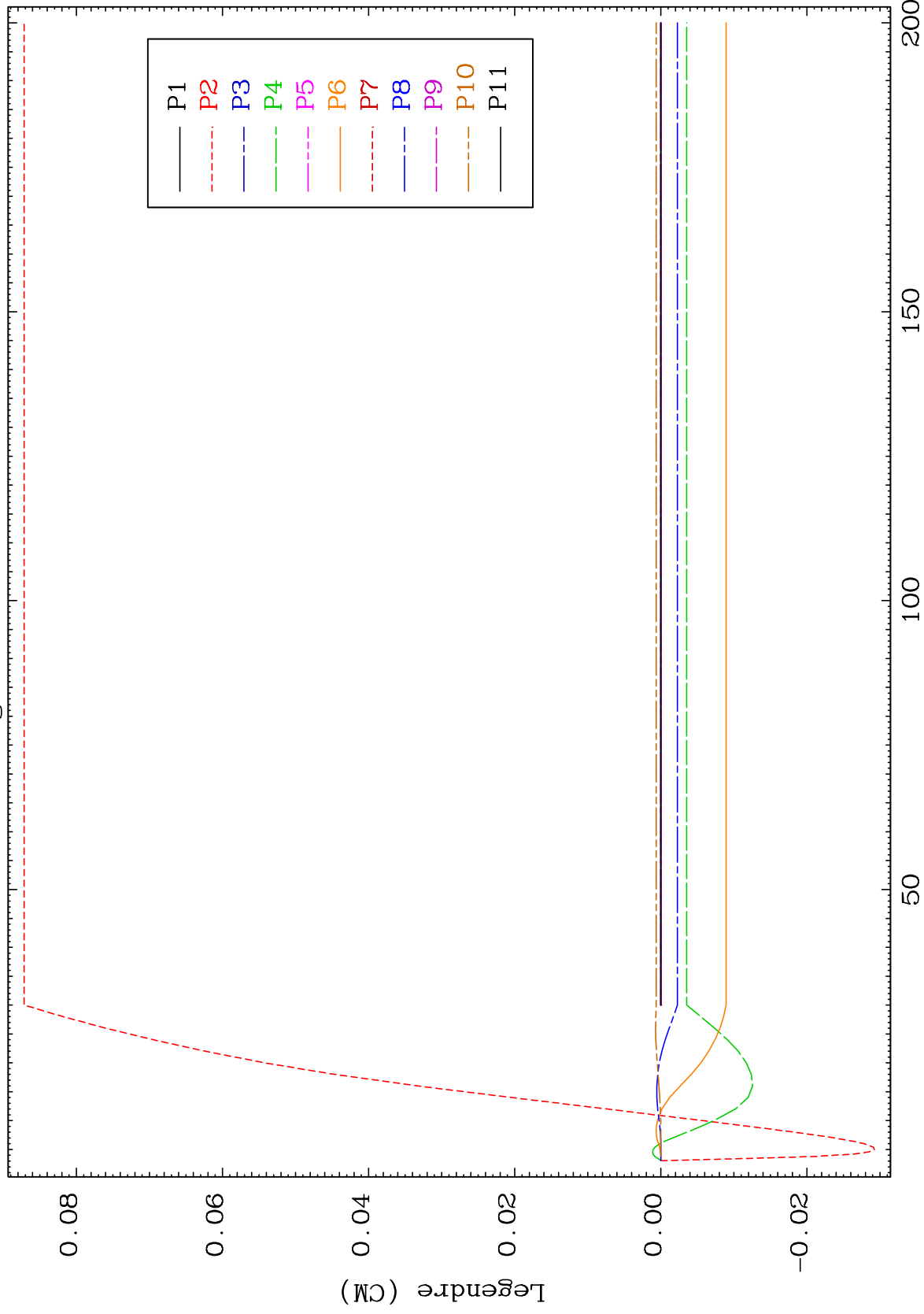
Incident Energy (MeV)

28-Ni-63

MAT 2840

MT= 77 (n,n') Level
Legendre Coefficients

28-Ni-63



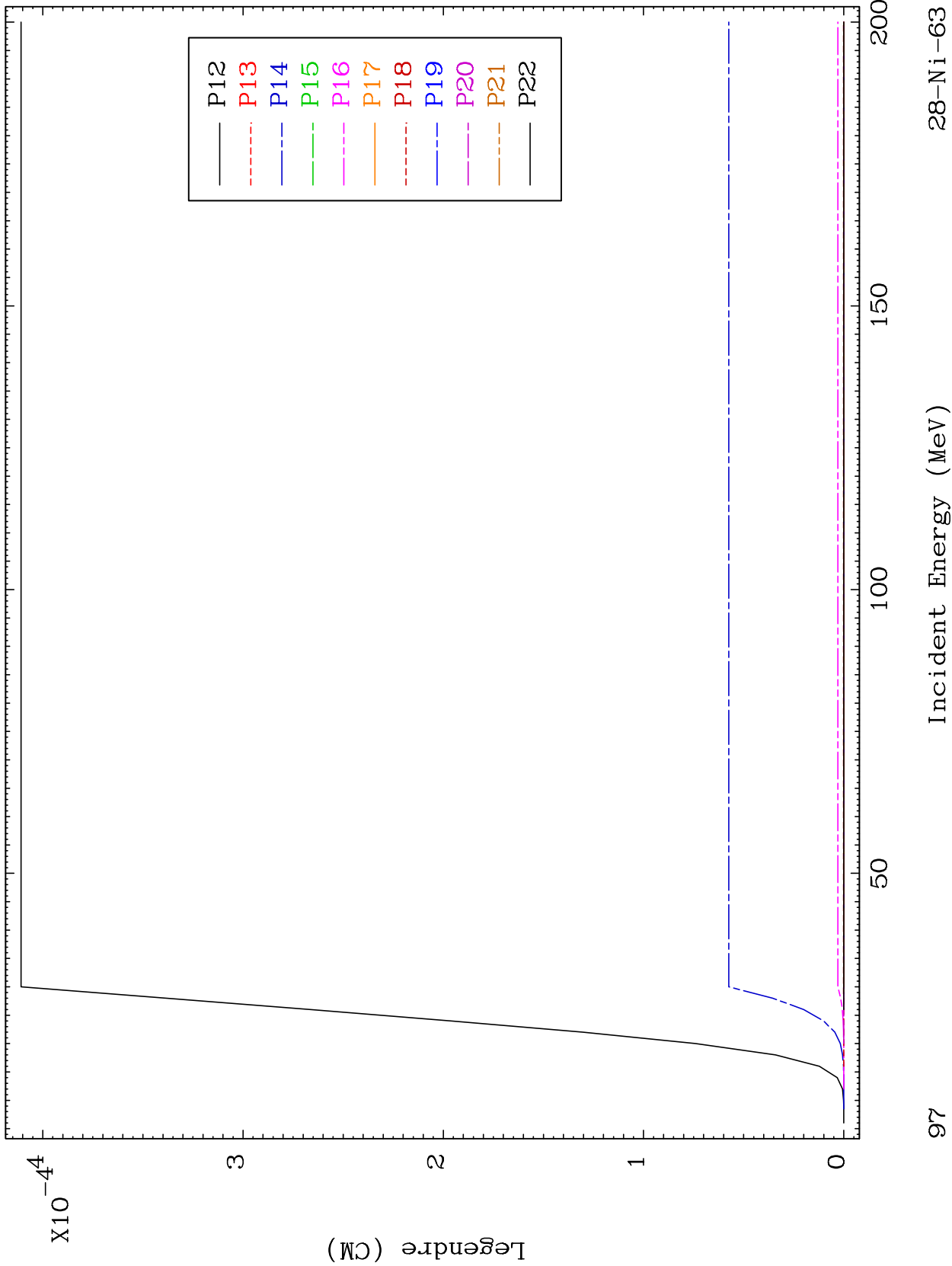
96

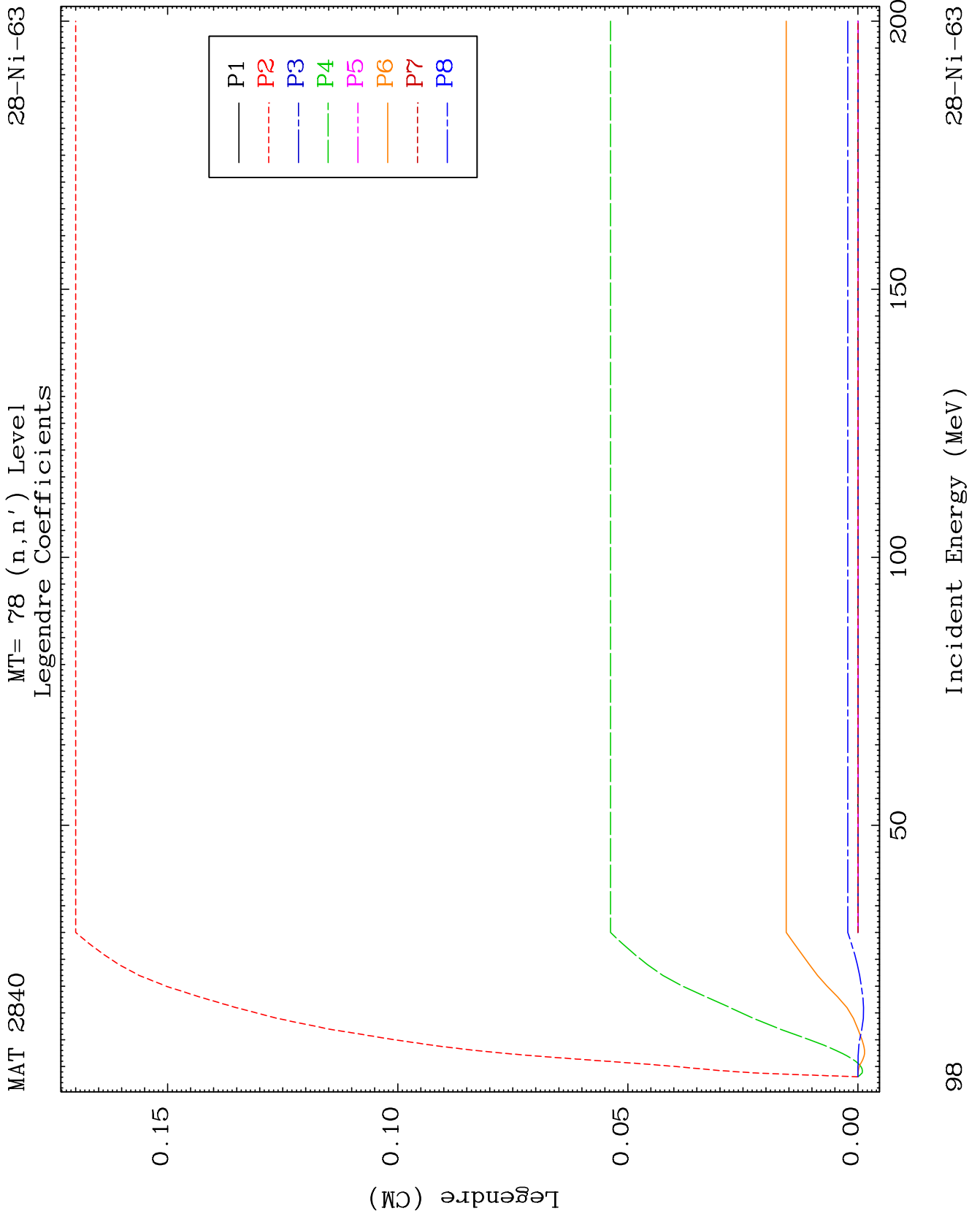
28-Ni-63

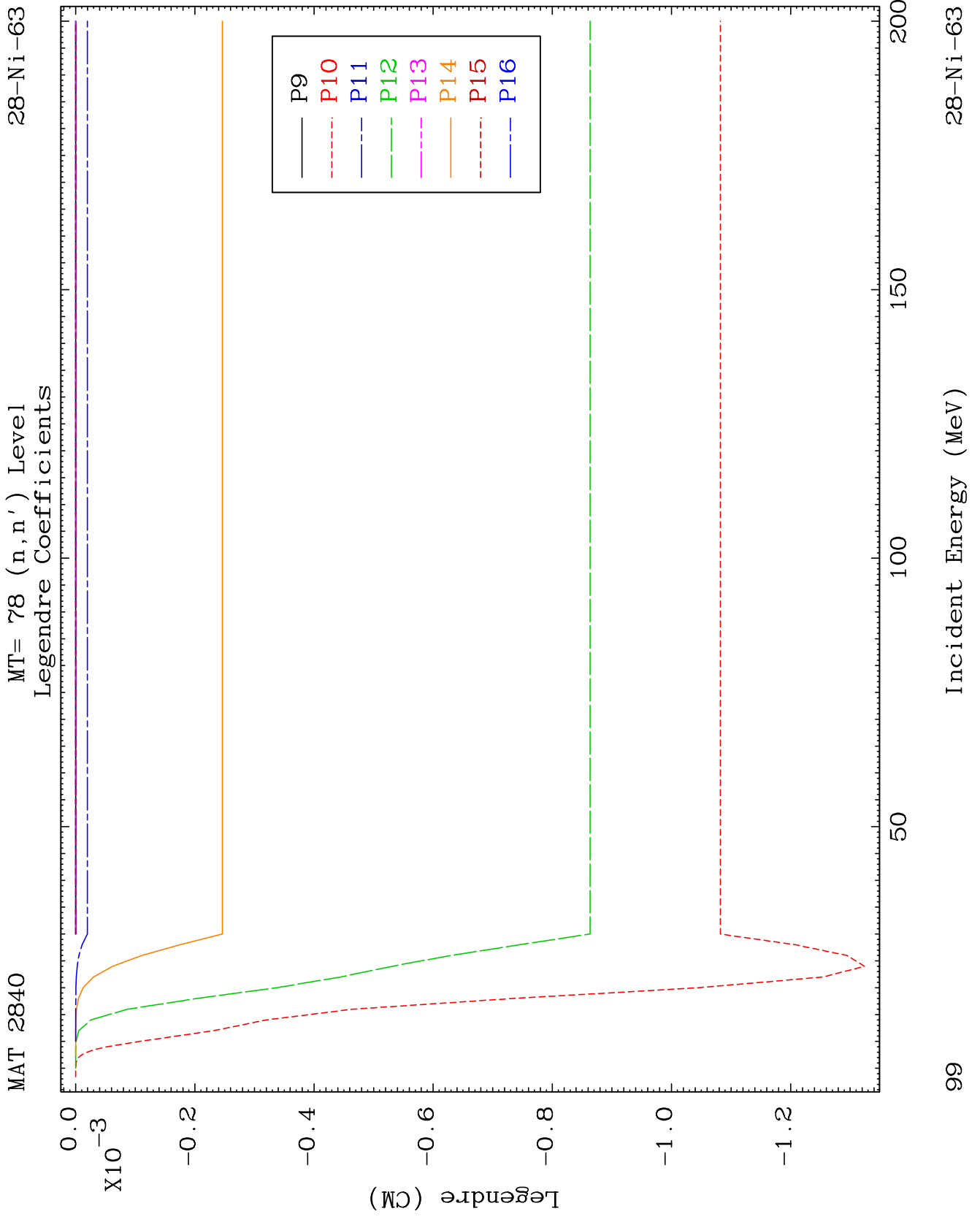
MAT 2840

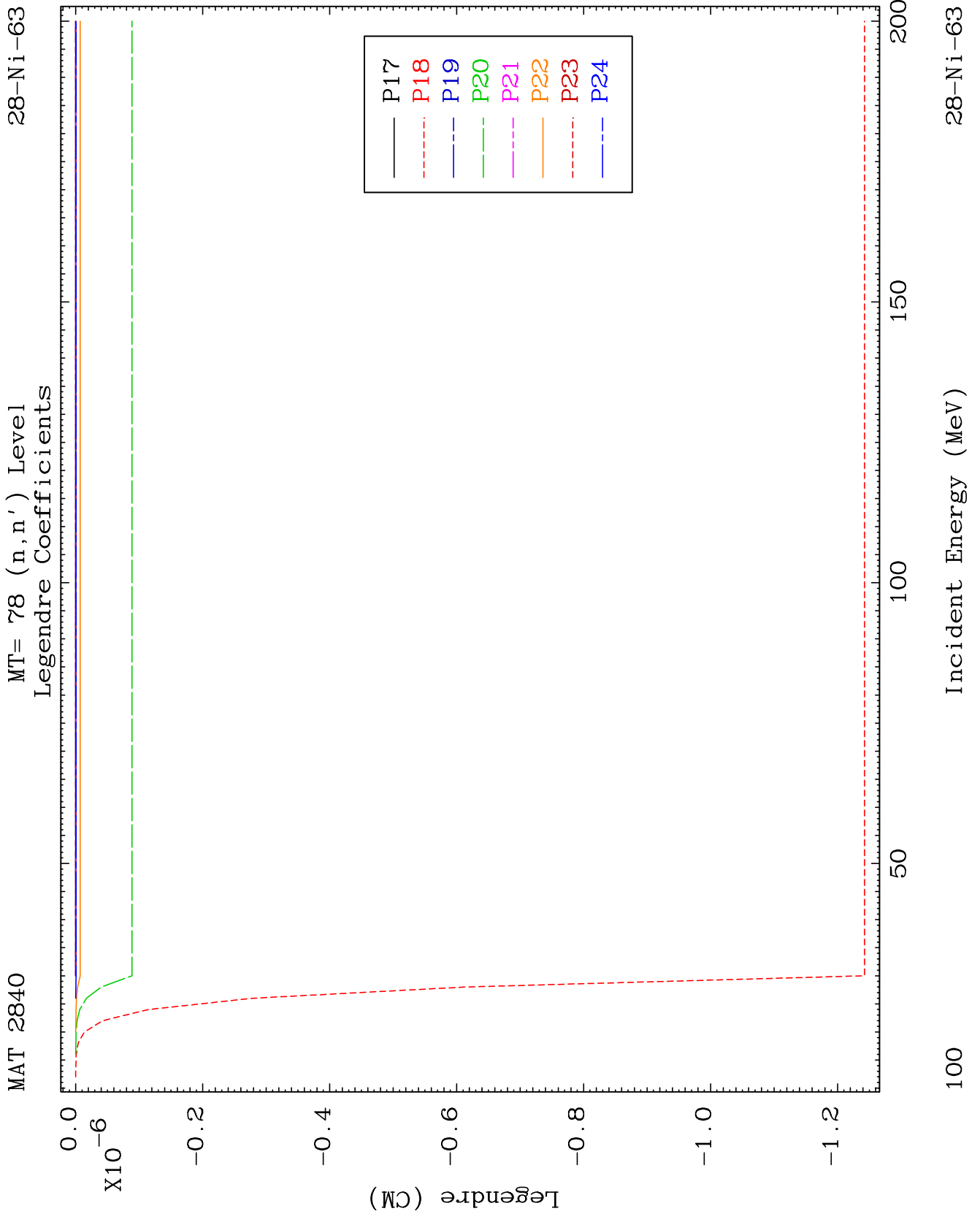
MT= 77 (n,n') Level
Legendre Coefficients

28-Ni-63







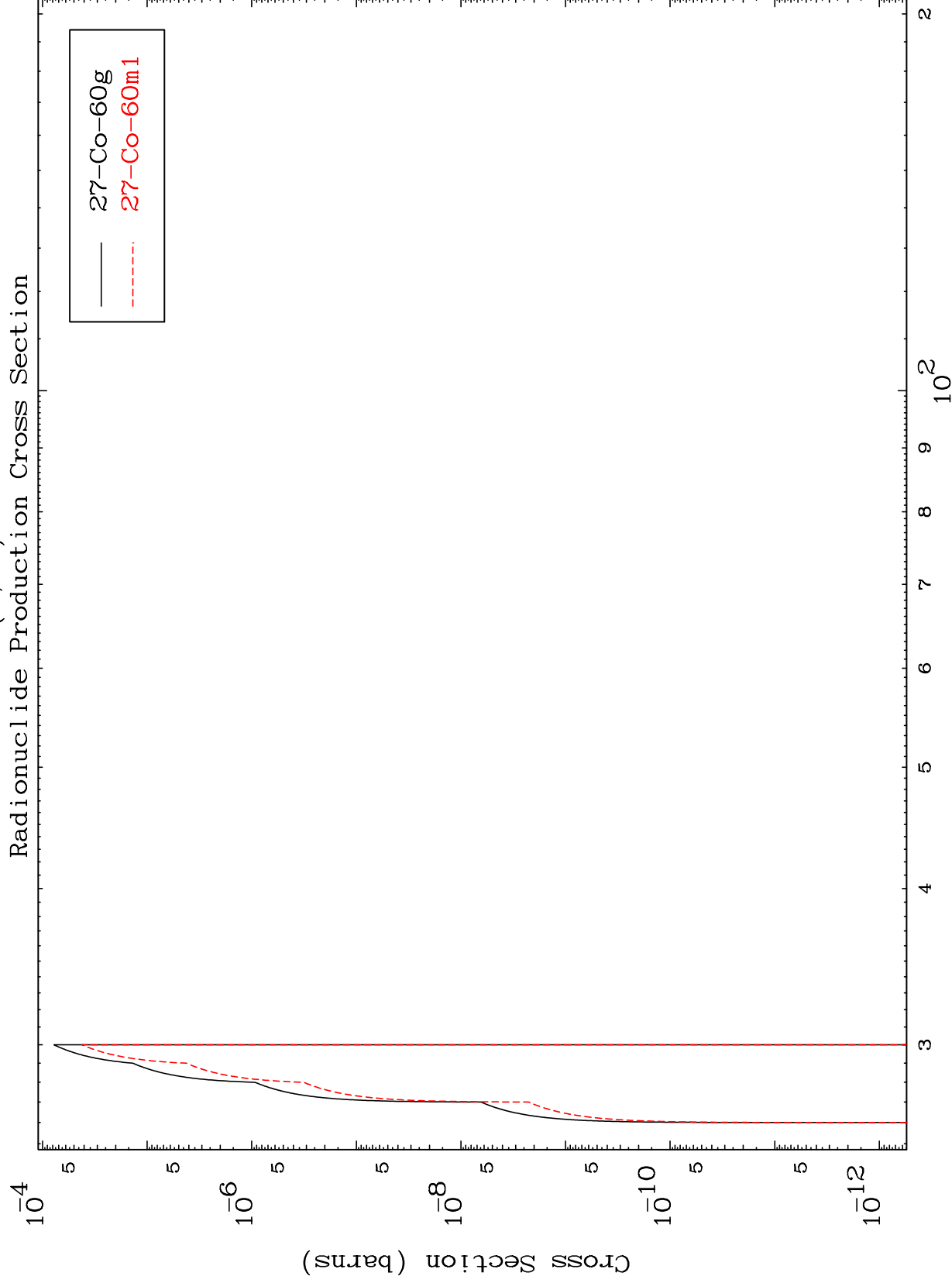


MAT 2840

(n,2n) d

28-Ni-63

Radionuclide Production Cross Section

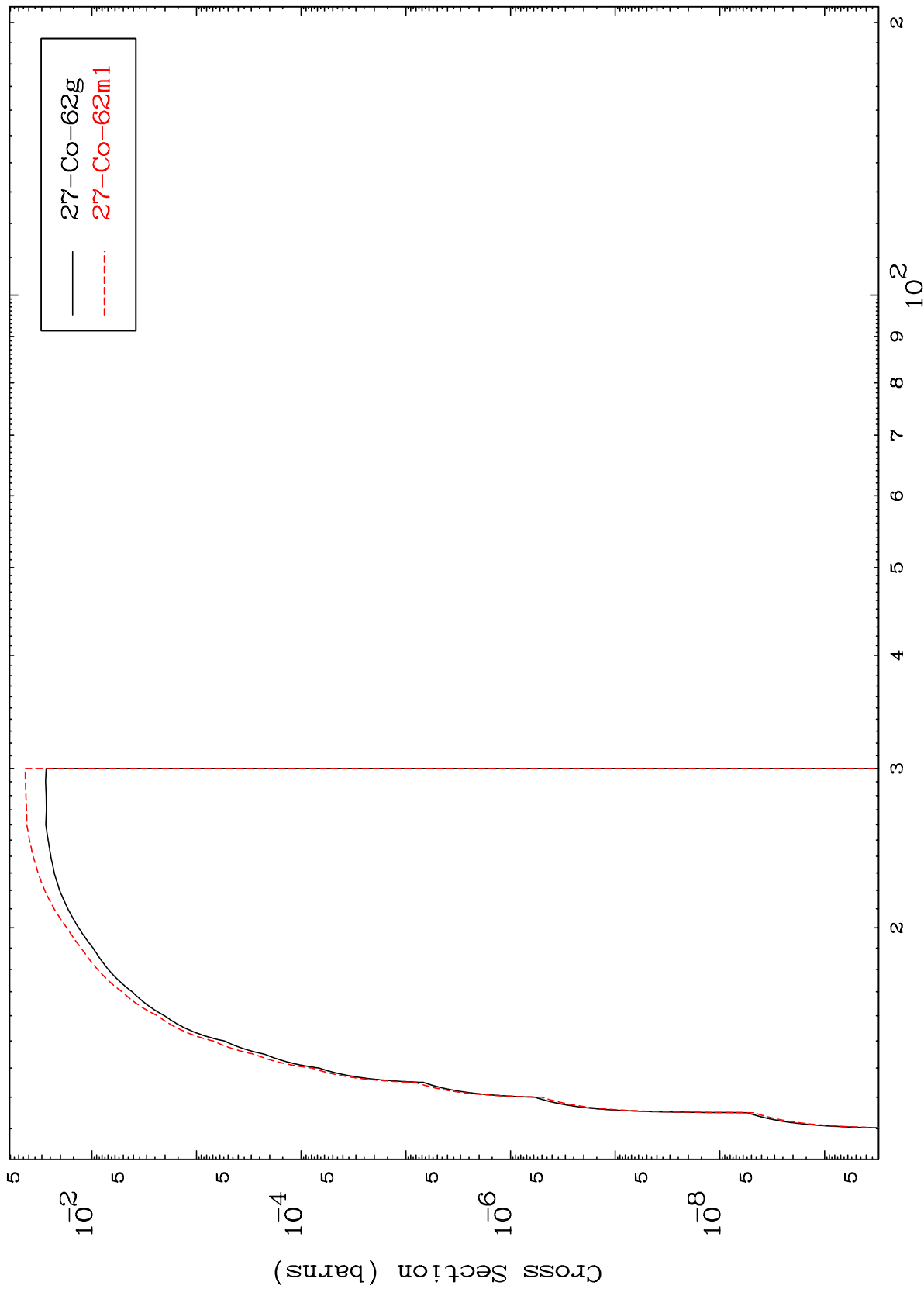


101

Incident Energy (MeV)

28-Ni-63

Radionuclide Production Cross Section

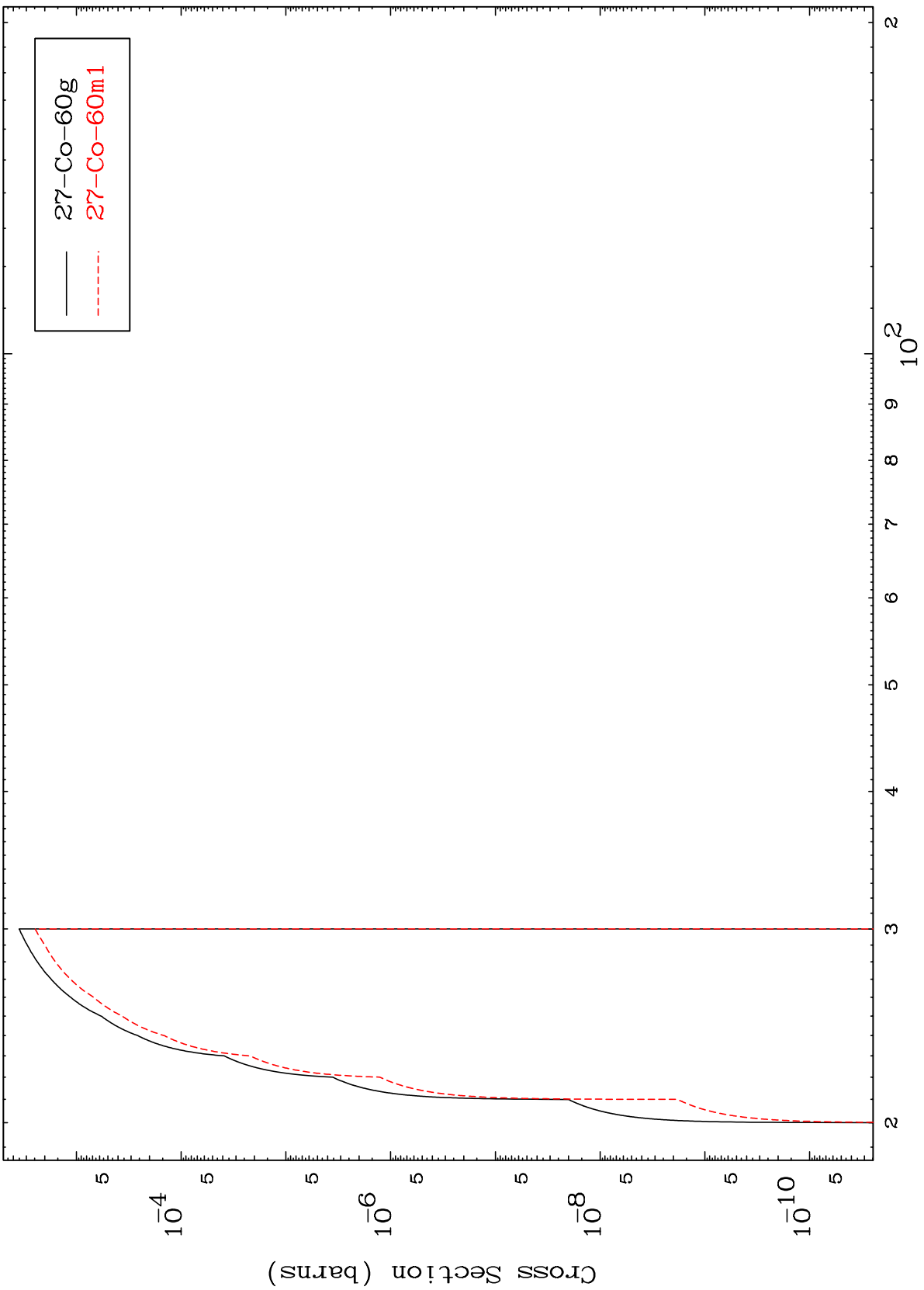


MAT 2840

(n,n') t

28-Ni-63

Radionuclide Production Cross Section



103

Incident Energy (MeV)

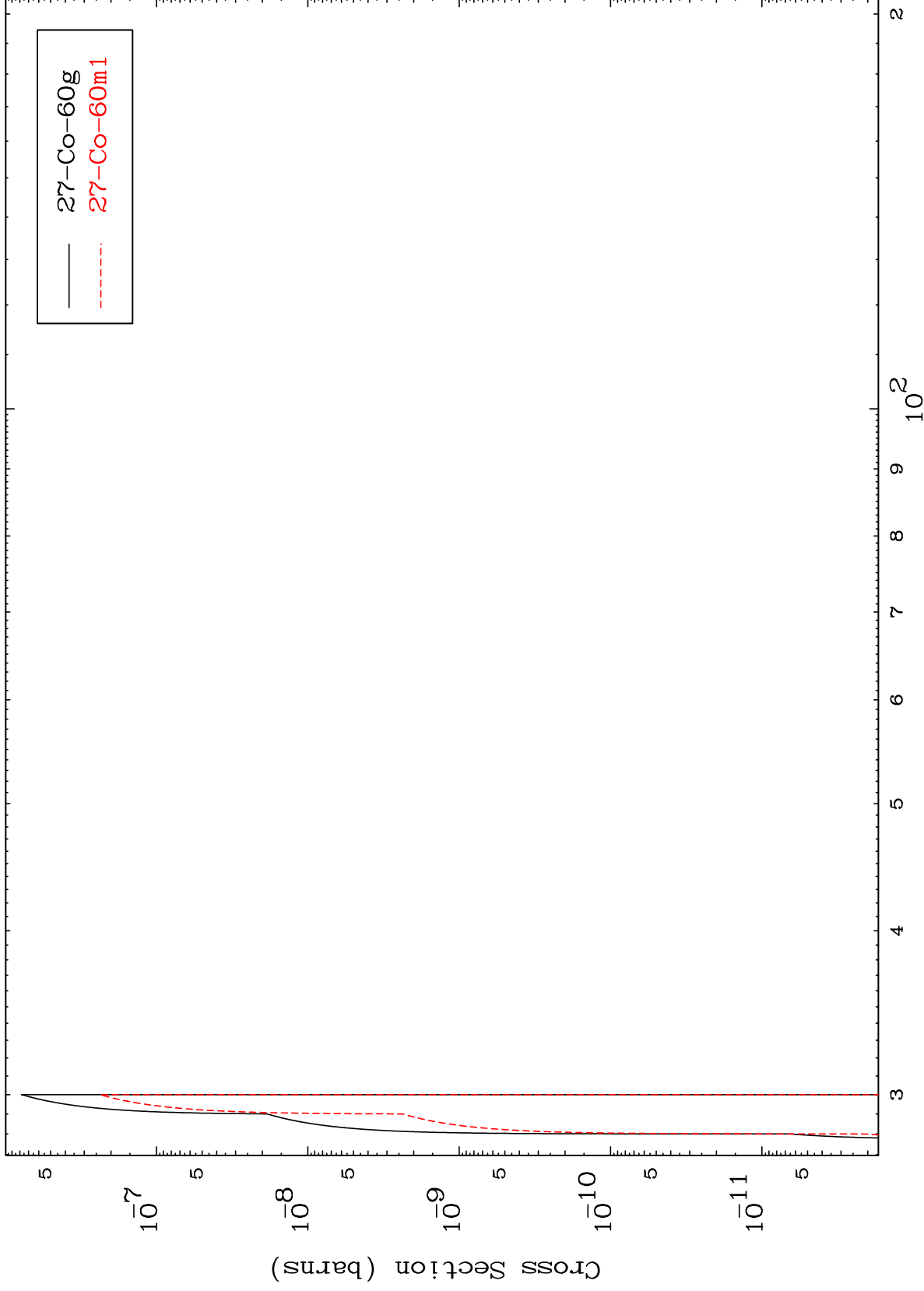
28-Ni-63

MAT 2840

(n,3n) p

28-Ni-63

Radionuclide Production Cross Section



104

Incident Energy (MeV)

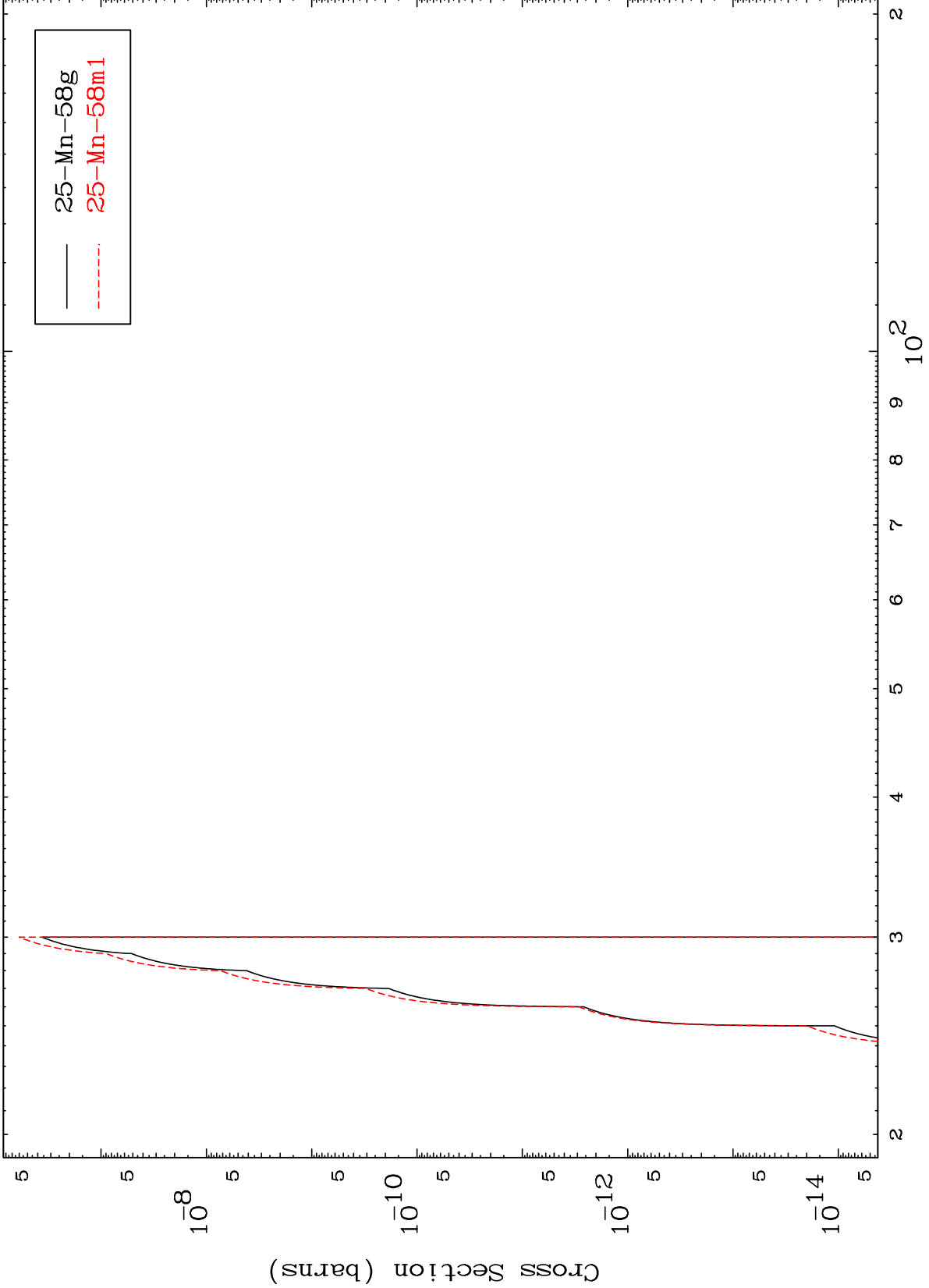
28-Ni-63

MAT 2840

(n,n') p α

28-Ni-63

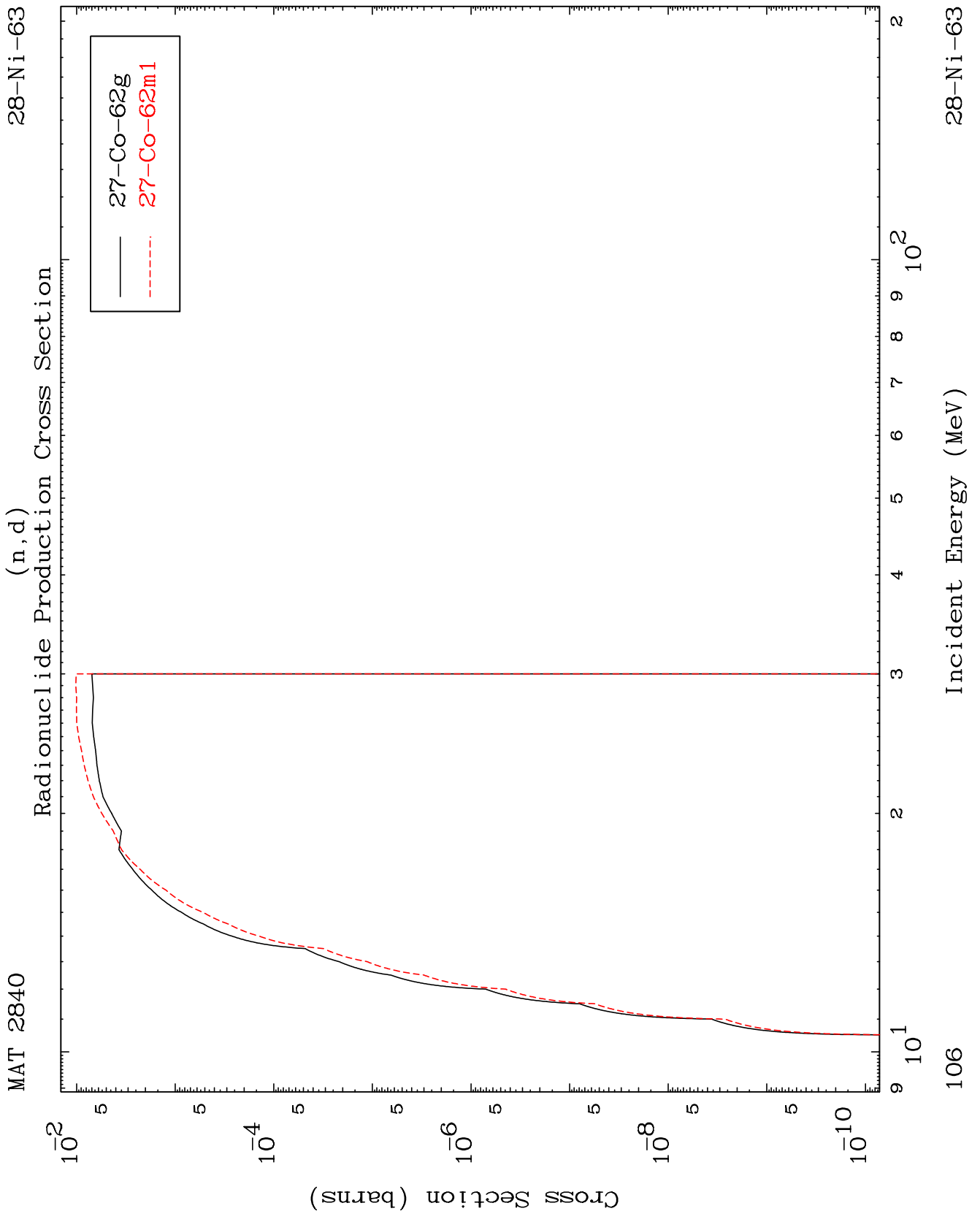
Radionuclide Production Cross Section



105

Incident Energy (MeV)

28-Ni-63

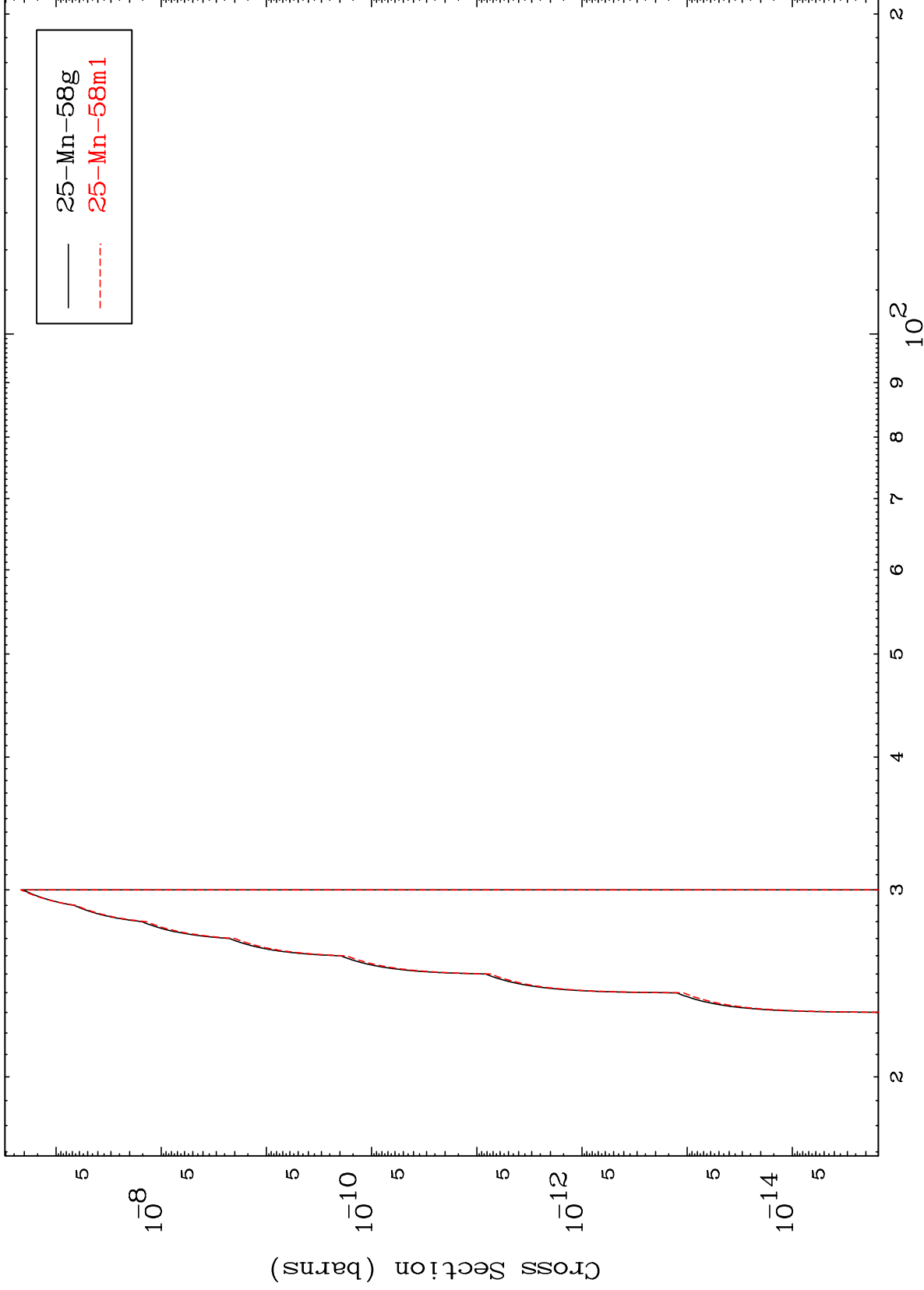


MAT 2840

(n,d) α

28-Ni-63

Radionuclide Production Cross Section



107

Incident Energy (MeV)

28-Ni-63