

Program EVALPLOT
(Version 2021-1)

by

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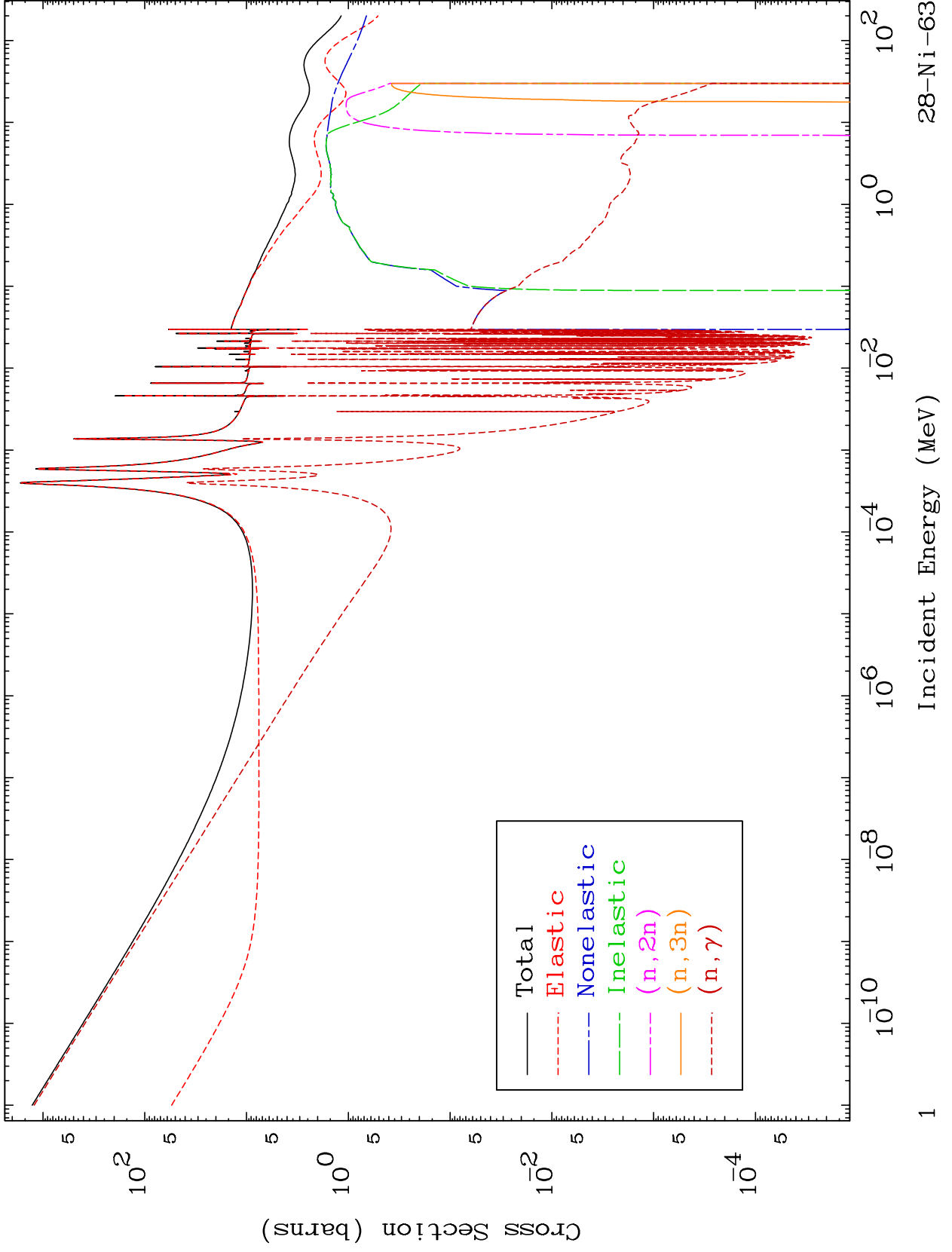
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Press Mouse Button to Start

MAT 2840

Neutron Major
293 Kelvin Cross Sections

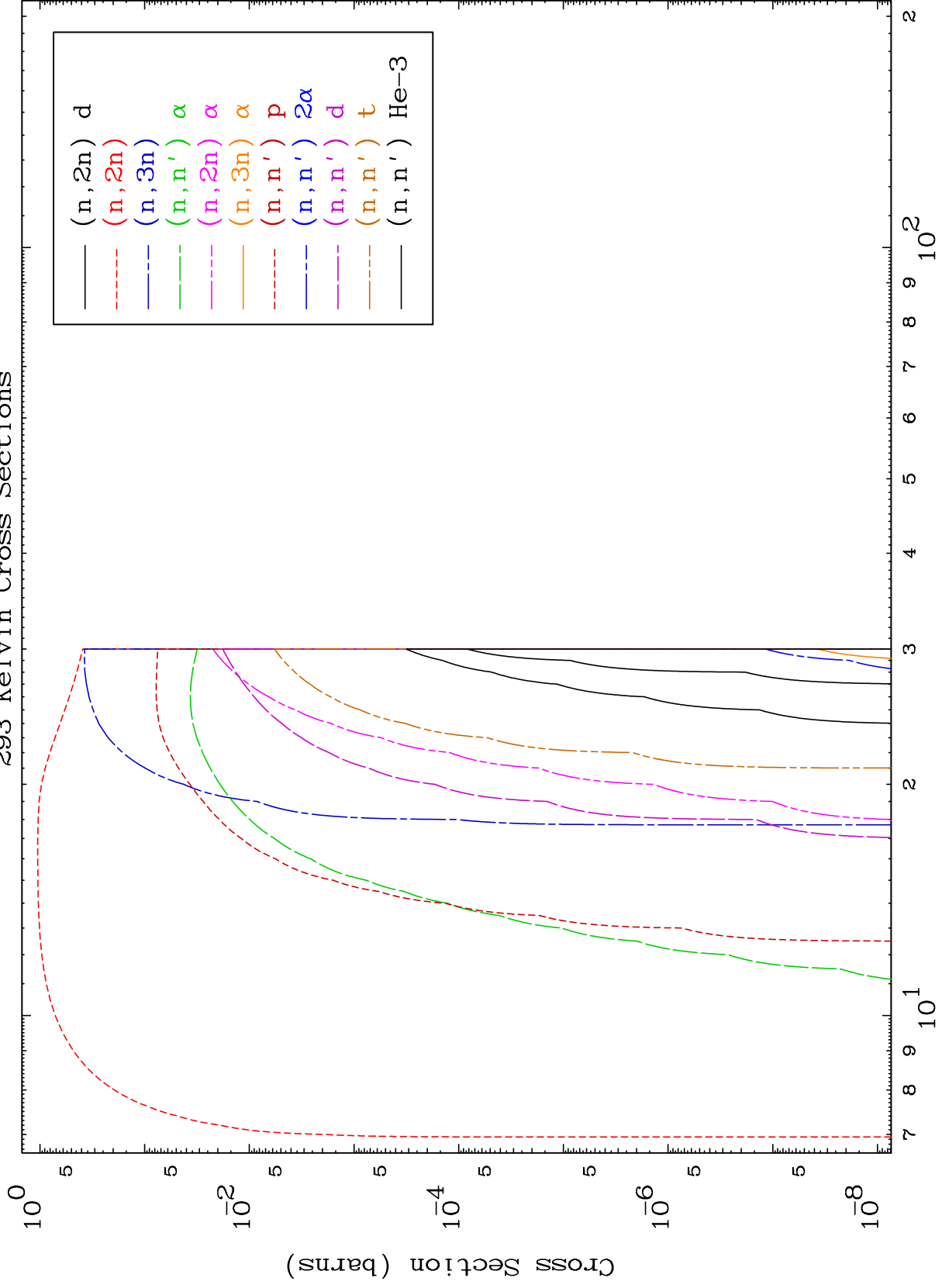
28-Ni-63



MAT 2840

Neutron Absorption
293 Kelvin Cross Sections

28-Ni-63



2

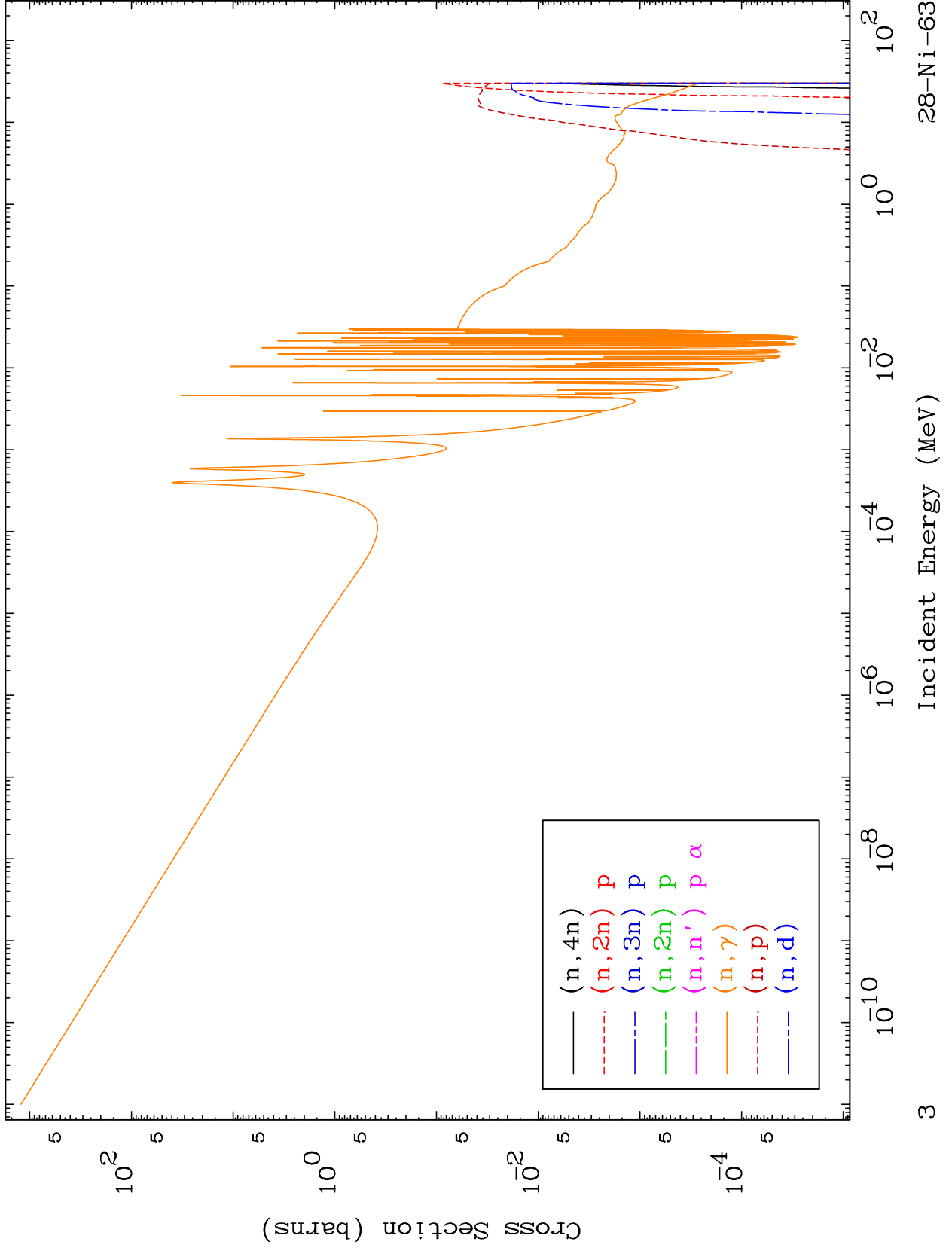
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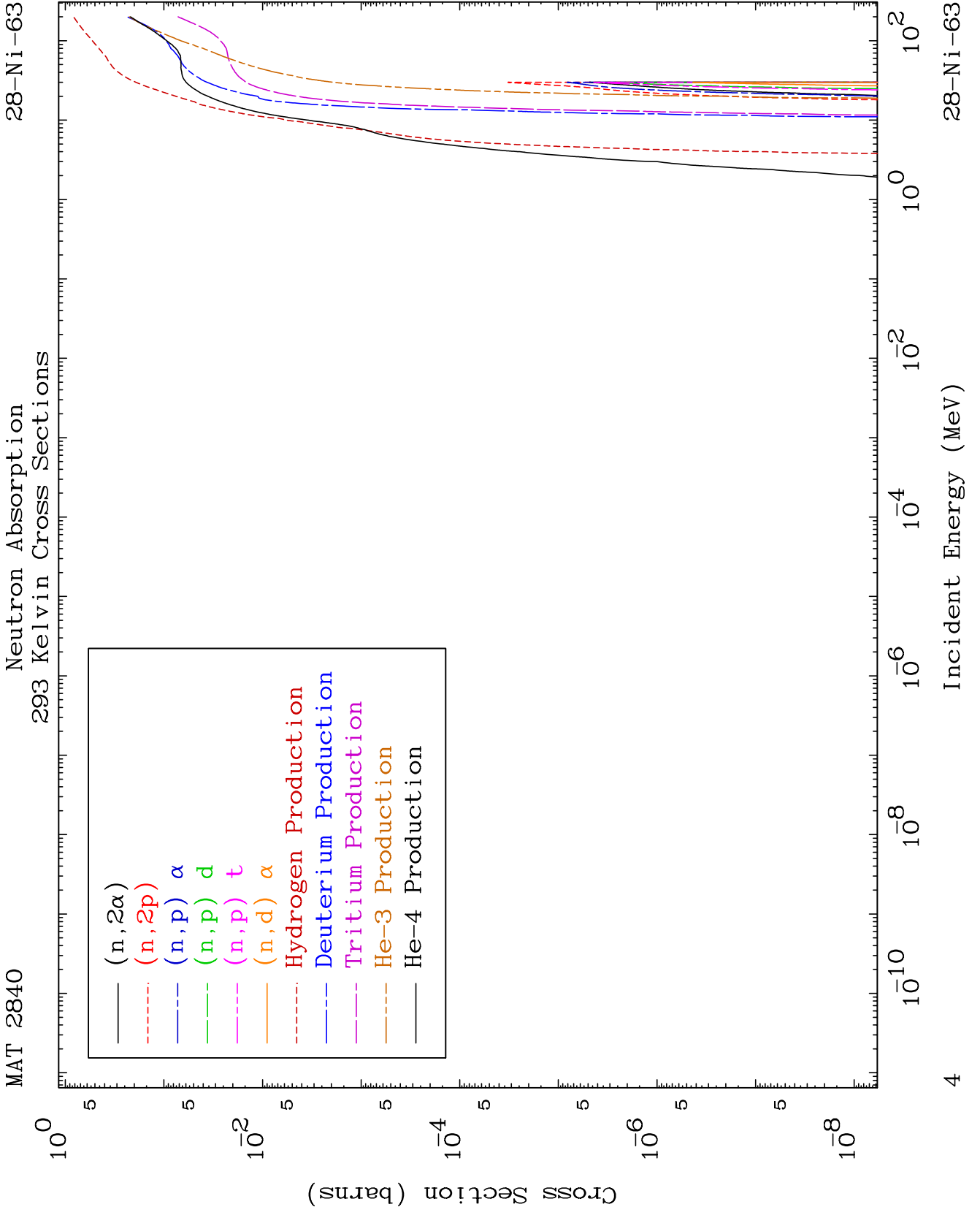
28-Ni-63

MAT 2840

Neutron Absorption
293 Kelvin Cross Sections

28-Ni-63

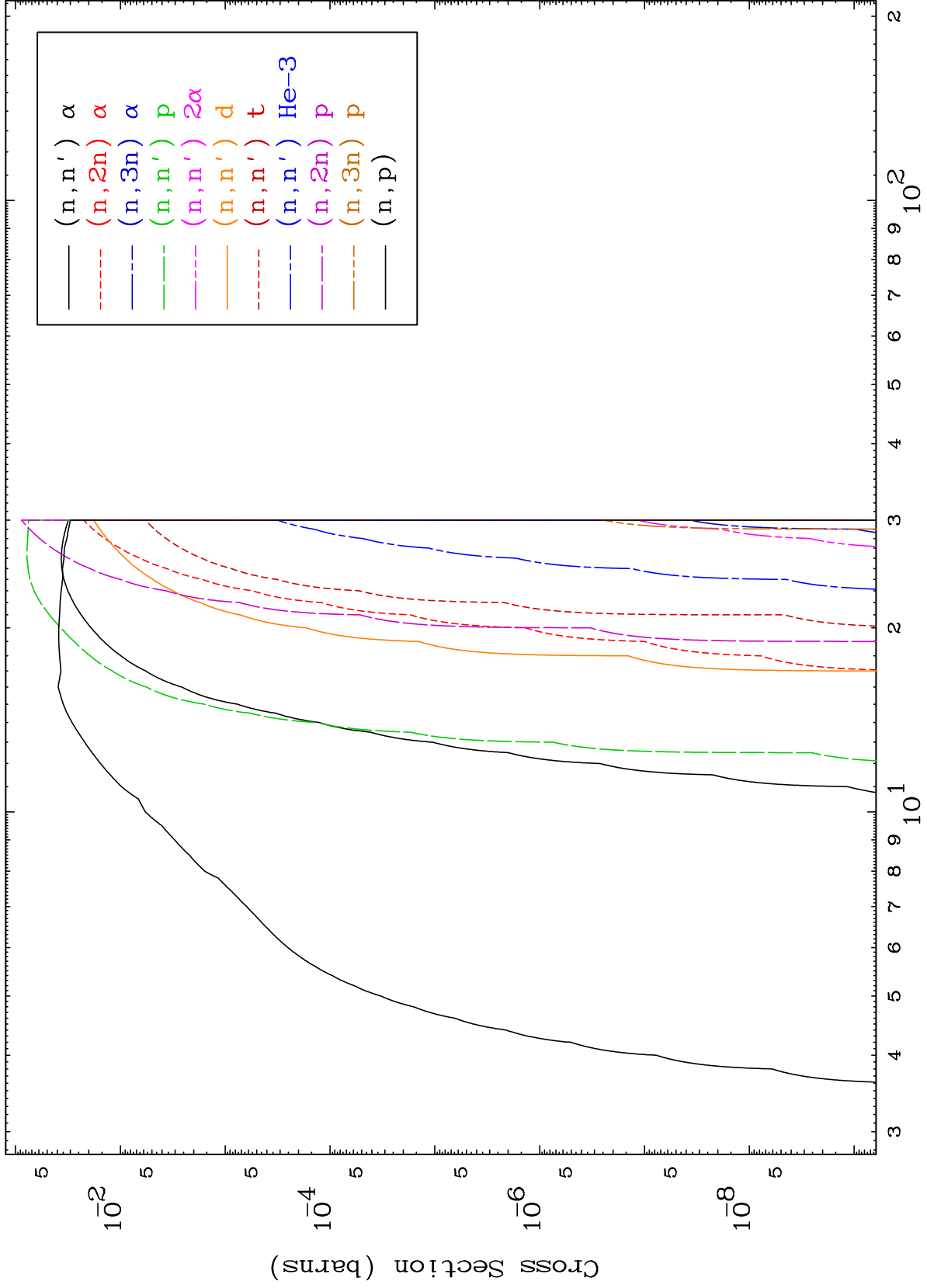




MAT 2840

Charged Particle
293 Kelvin Cross Sections

28-Ni-63



5

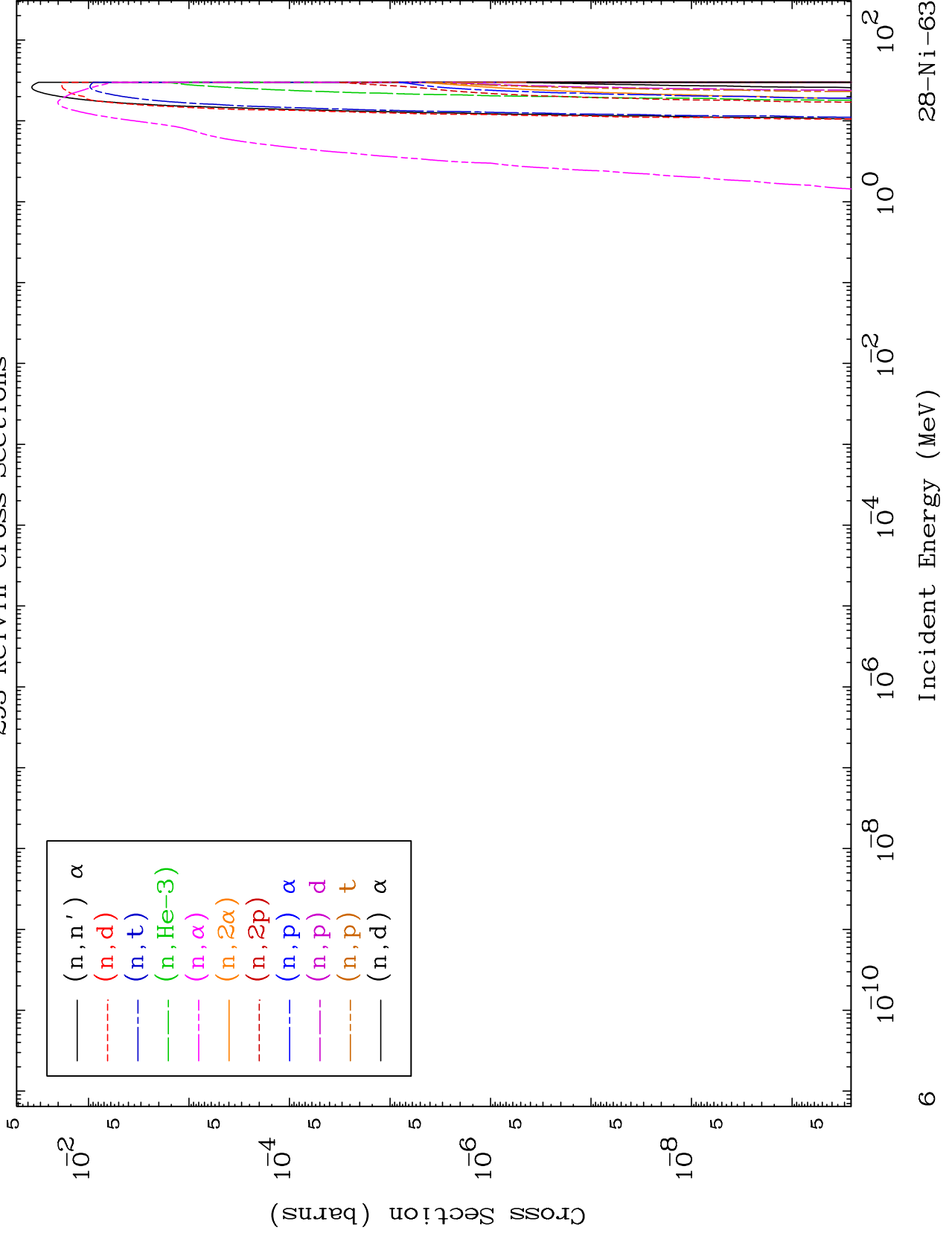
Incident Energy (MeV)

28-Ni-63

MAT 2840

Charged Particle
293 Kelvin Cross Sections

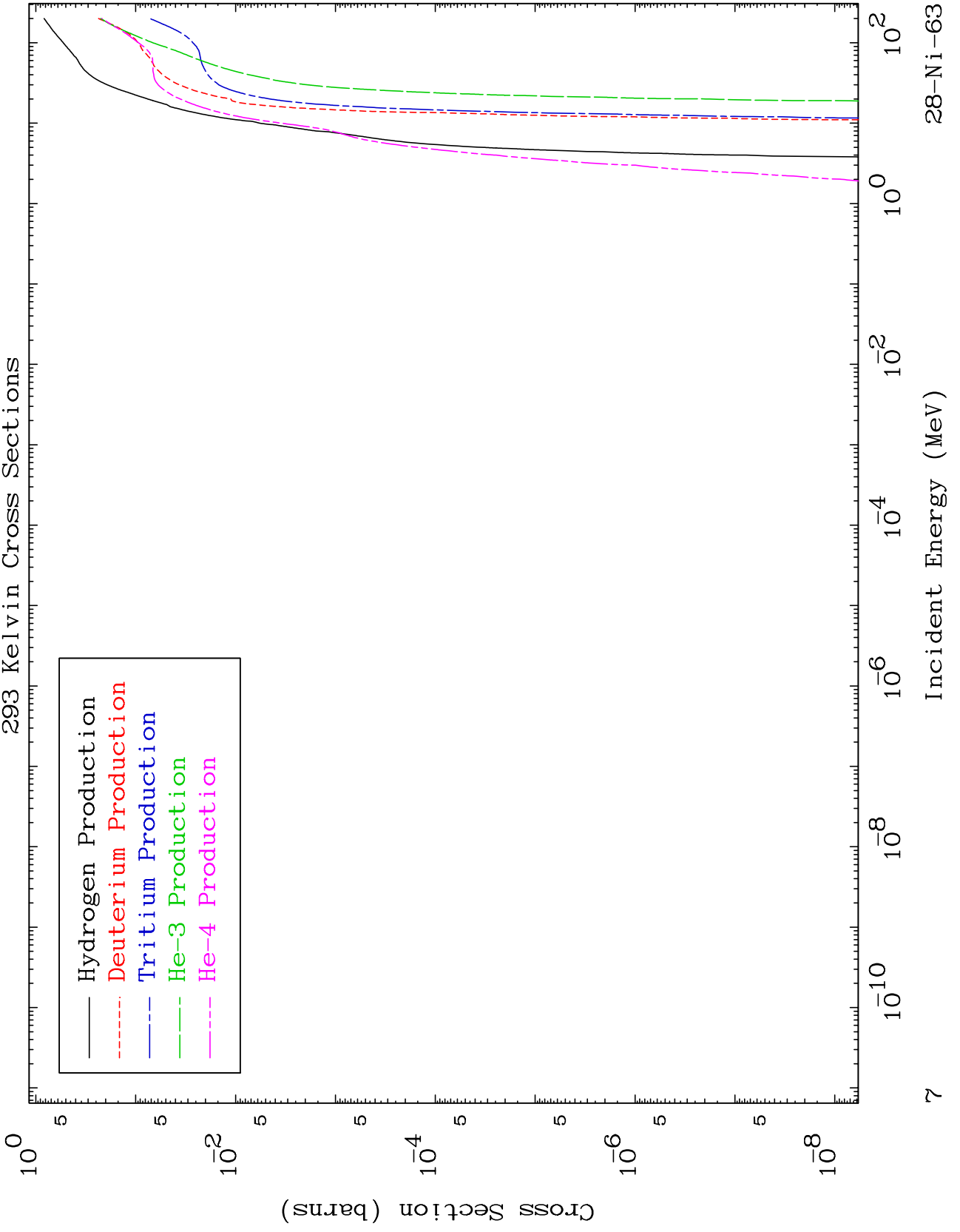
28-Ni-63



MAT 2840

Particle Production
293 Kelvin Cross Sections

28-Ni-63

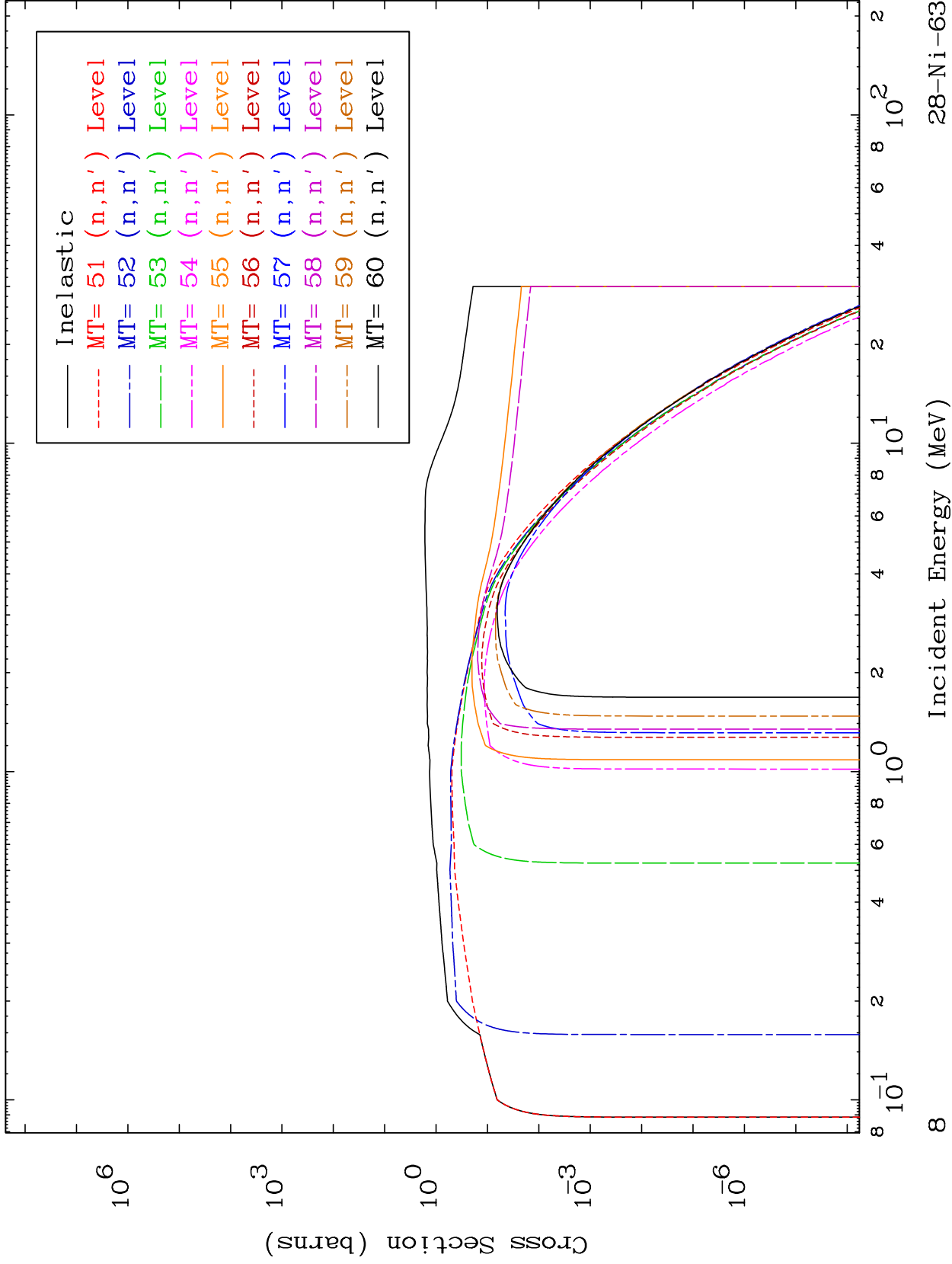


MAT 2840

(n,n') Levels

28-Ni-63

293 Kelvin Cross Sections

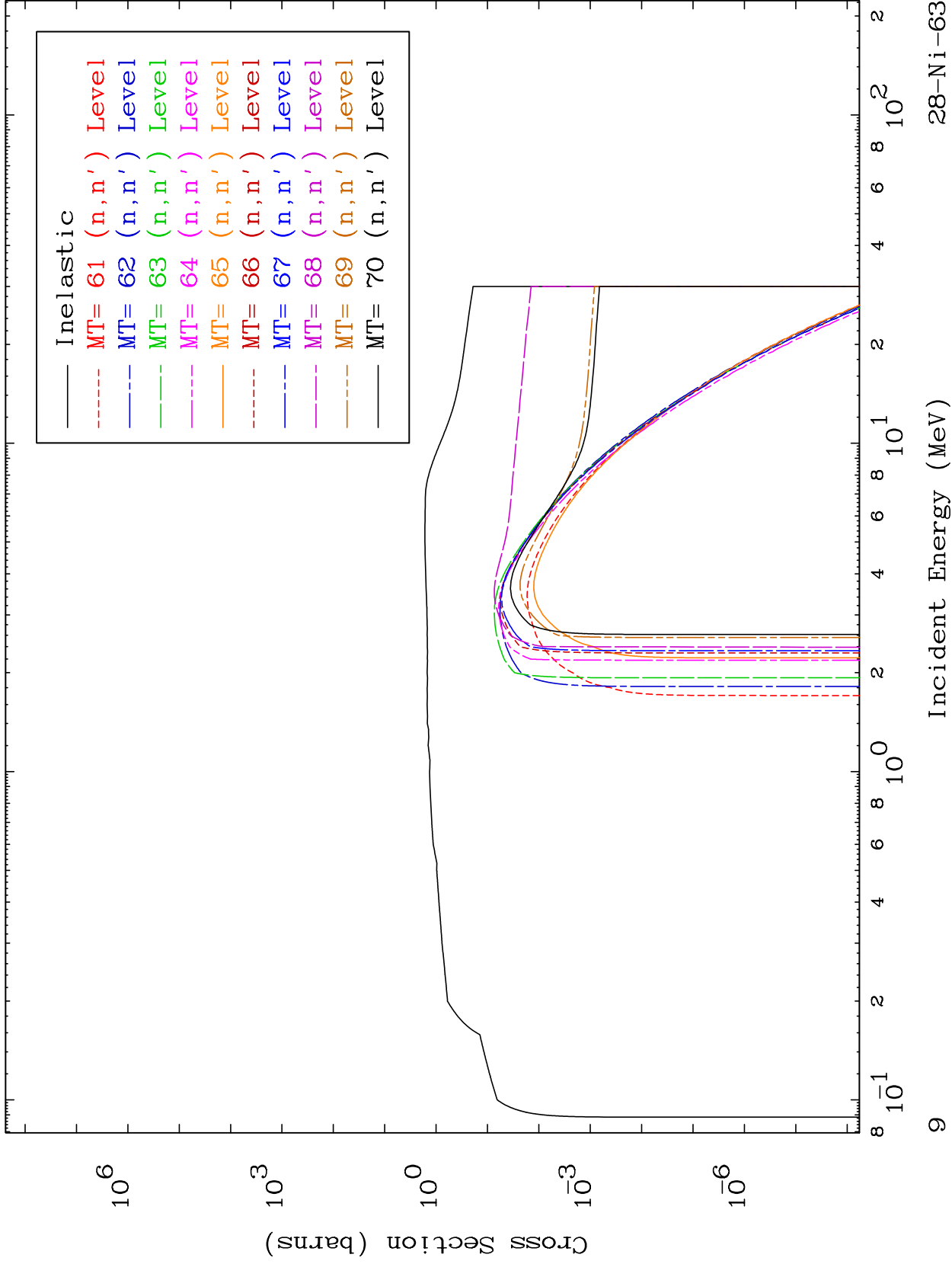


MAT 2840

(n,n') Levels

28-Ni-63

293 Kelvin Cross Sections



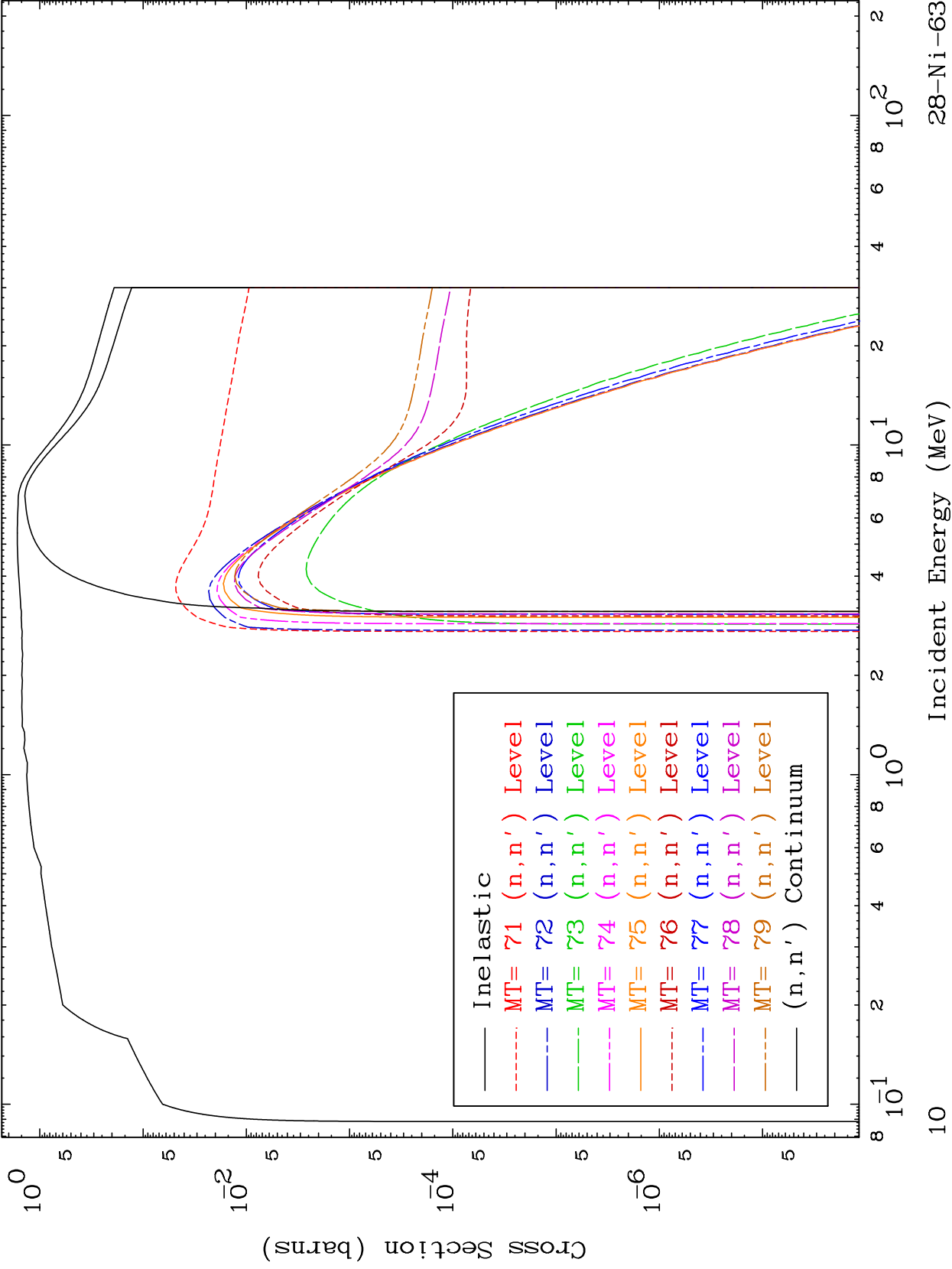
Incident Energy (MeV)

28-Ni-63

MAT 2840

293 Kelvin Cross Sections
(n,n') Levels

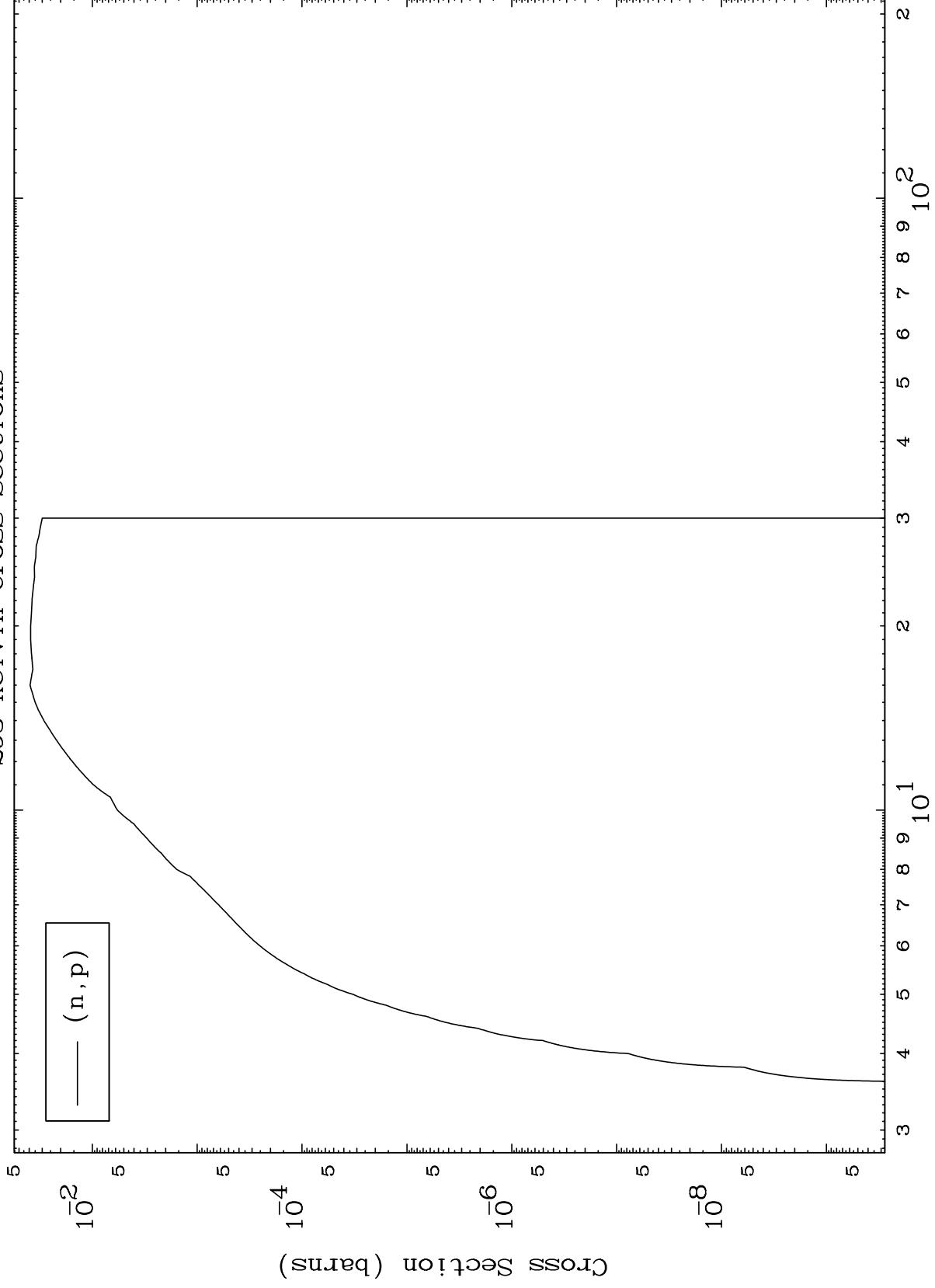
28-Ni-63



MAT 2840

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-63



11

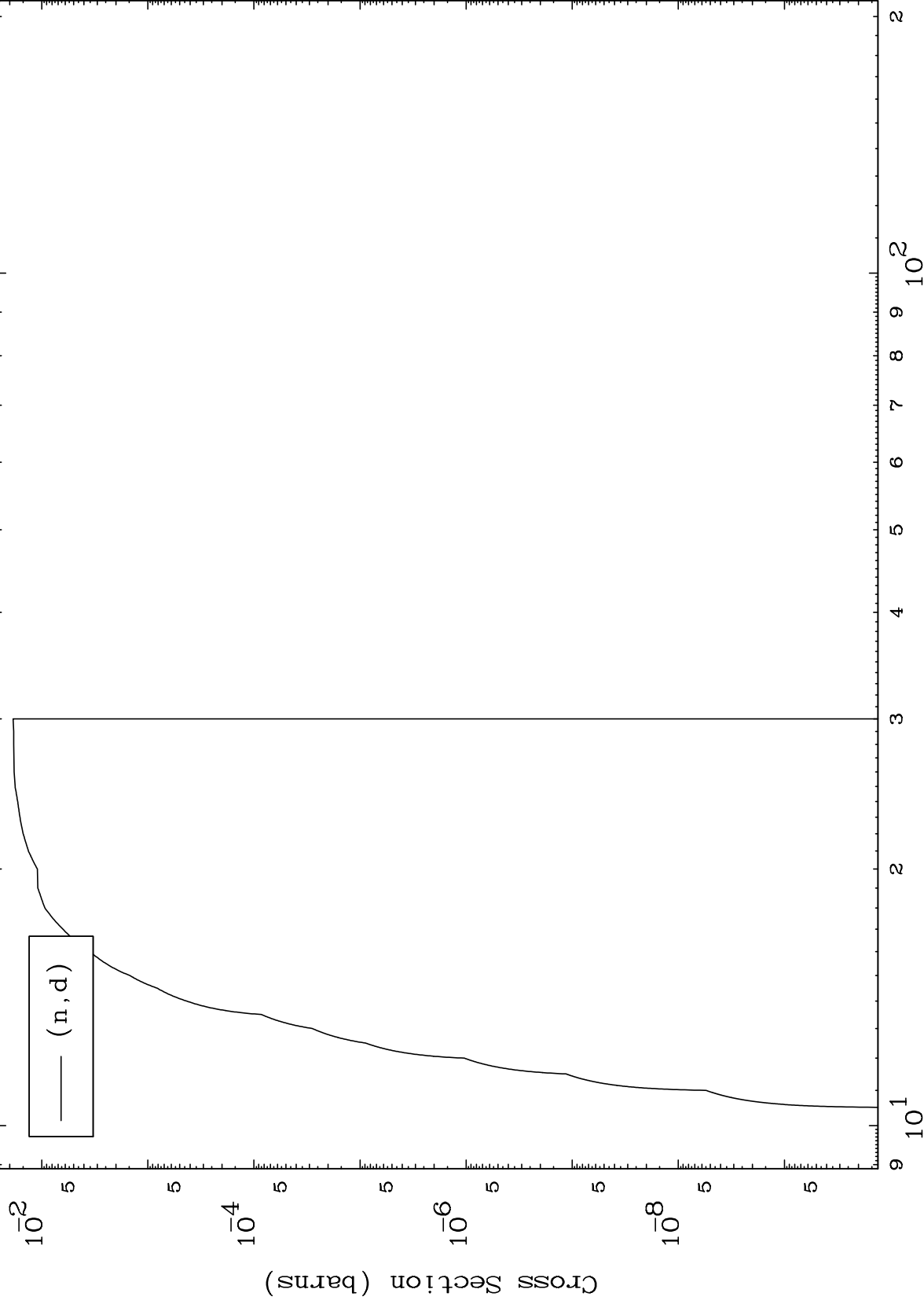
Incident Energy (MeV)

28-Ni-63

MAT 2840

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-63



12

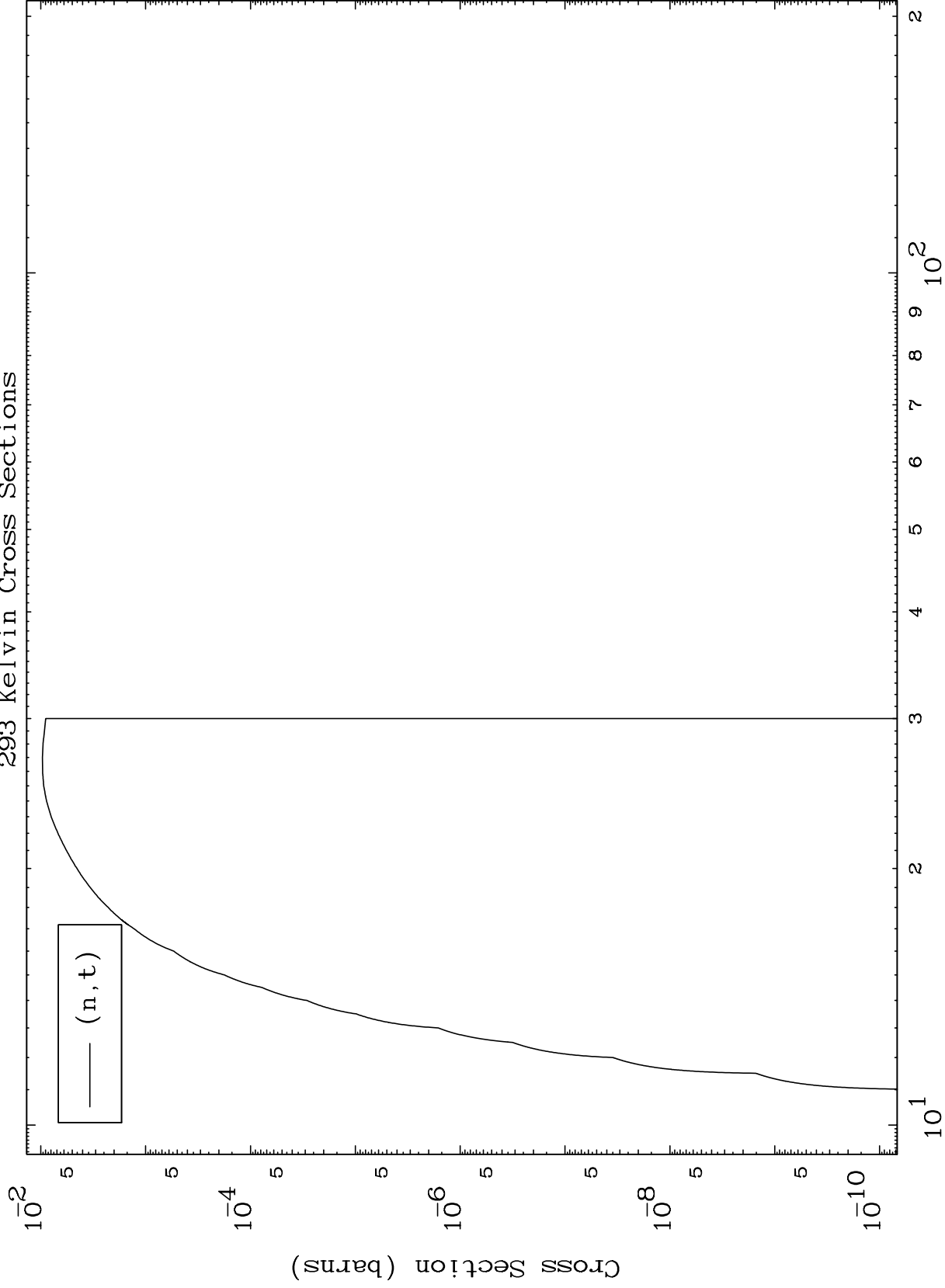
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28-Ni-63

MAT 2840

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-63



Incident Energy (MeV)

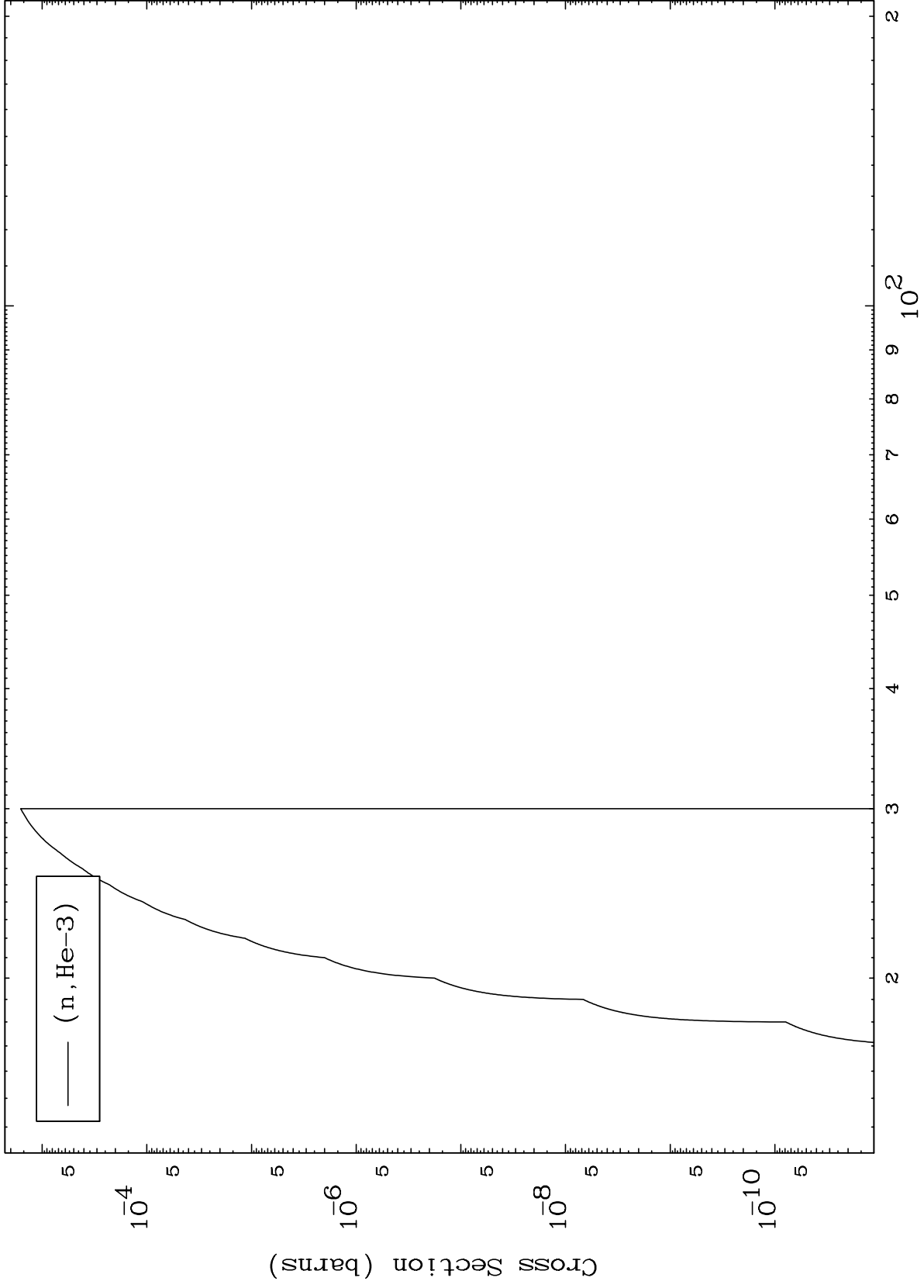
28-Ni-63

13

MAT 2840

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-63



14

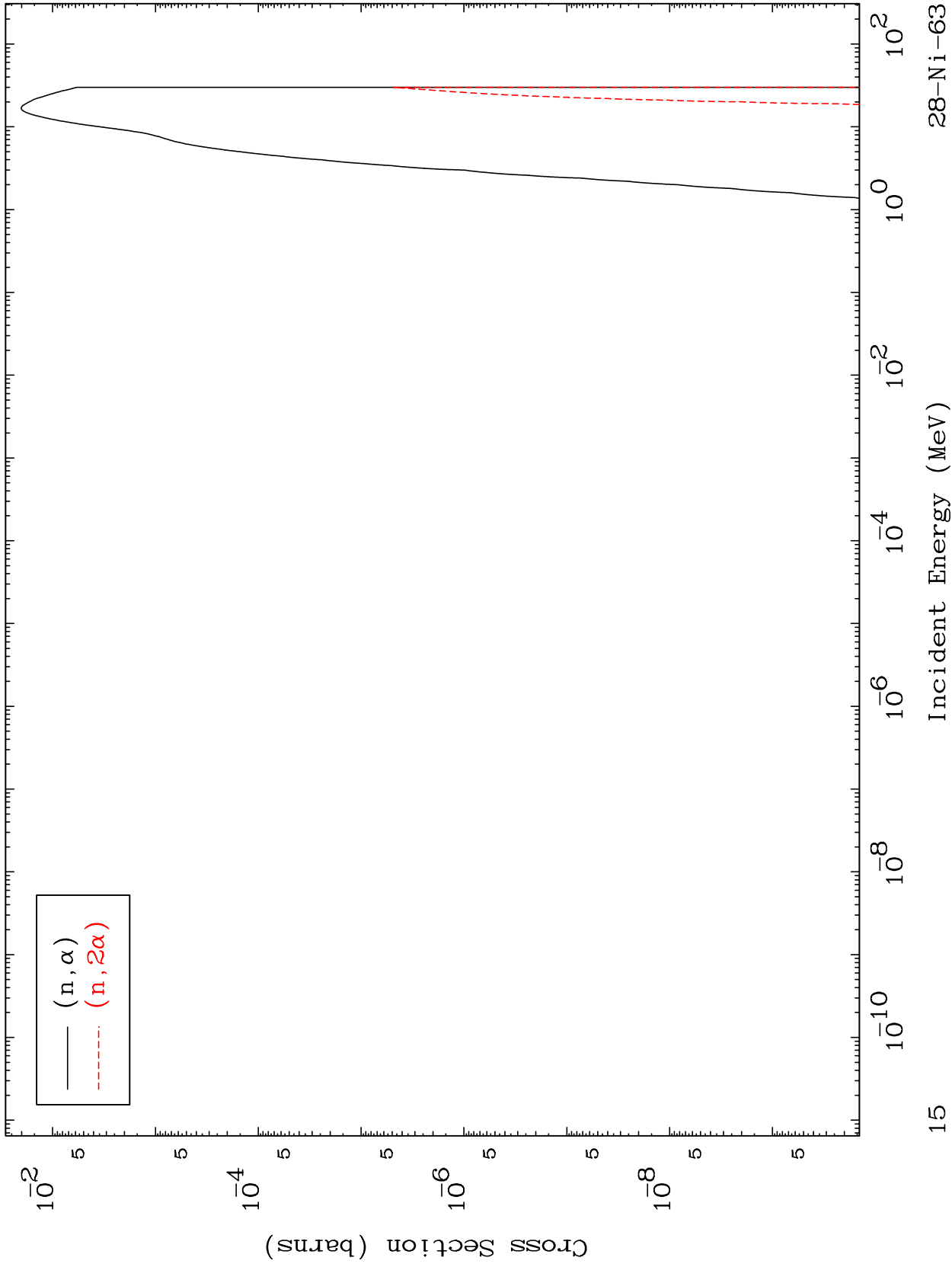
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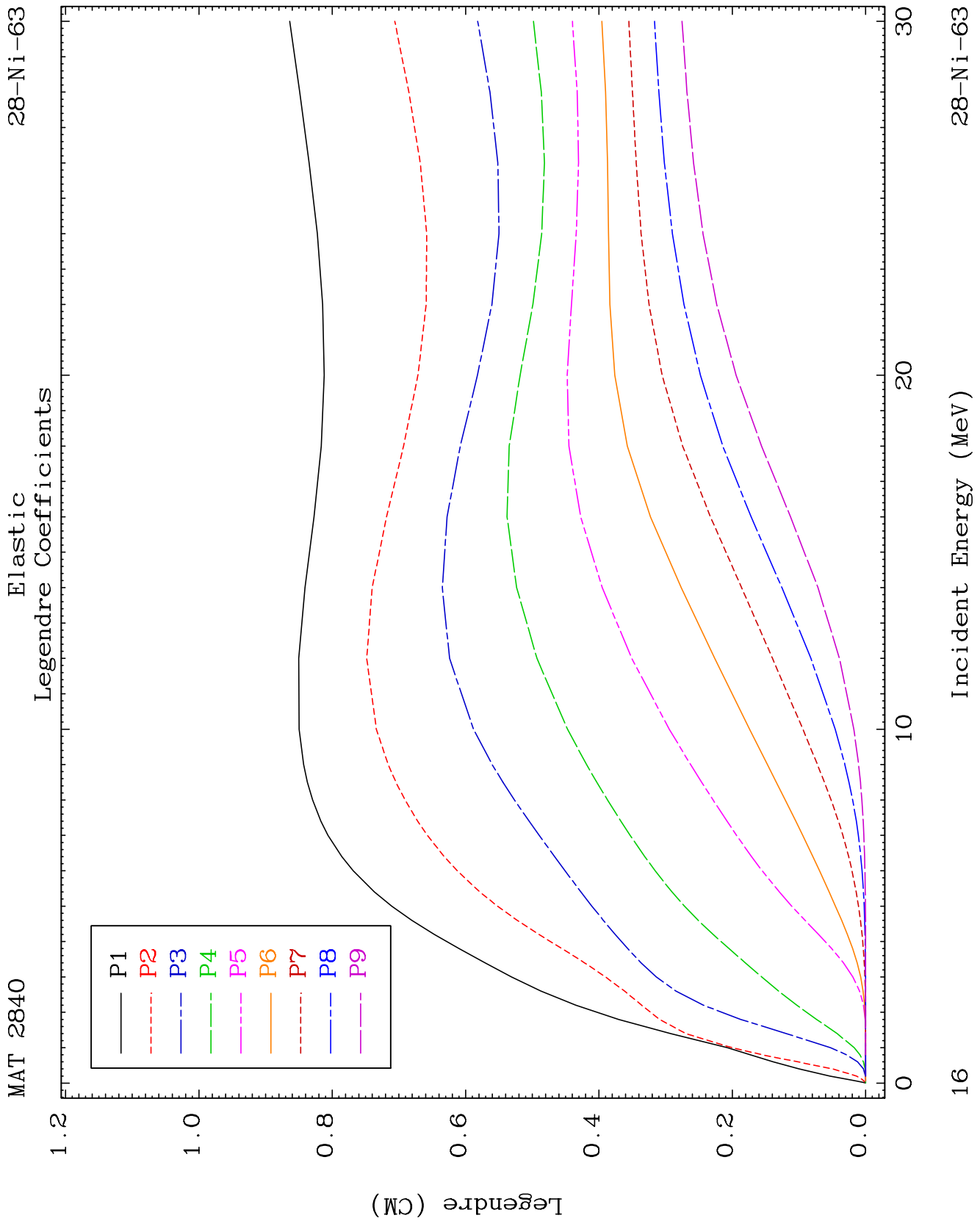
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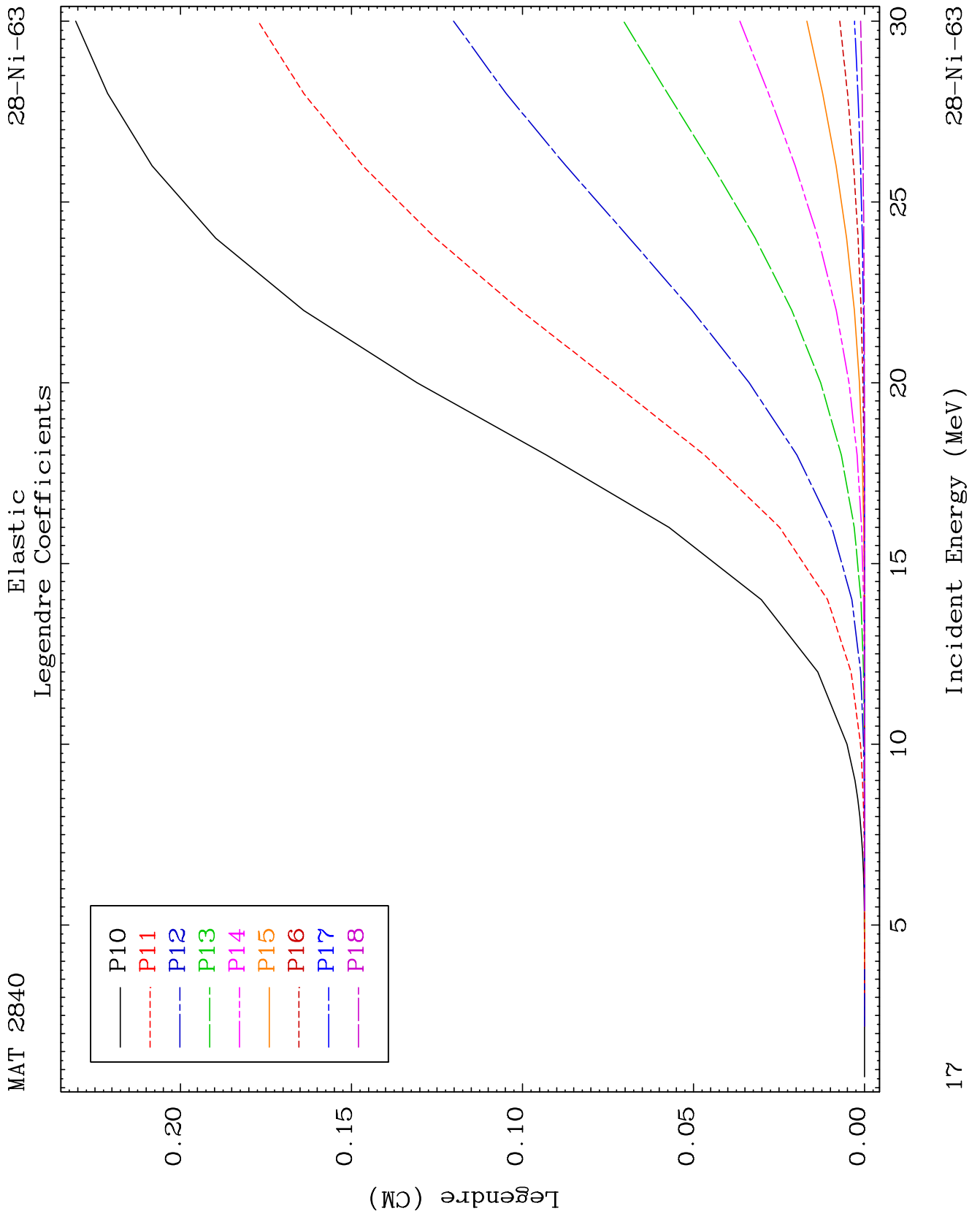
(n, α) Levels
293 Kelvin Cross Sections

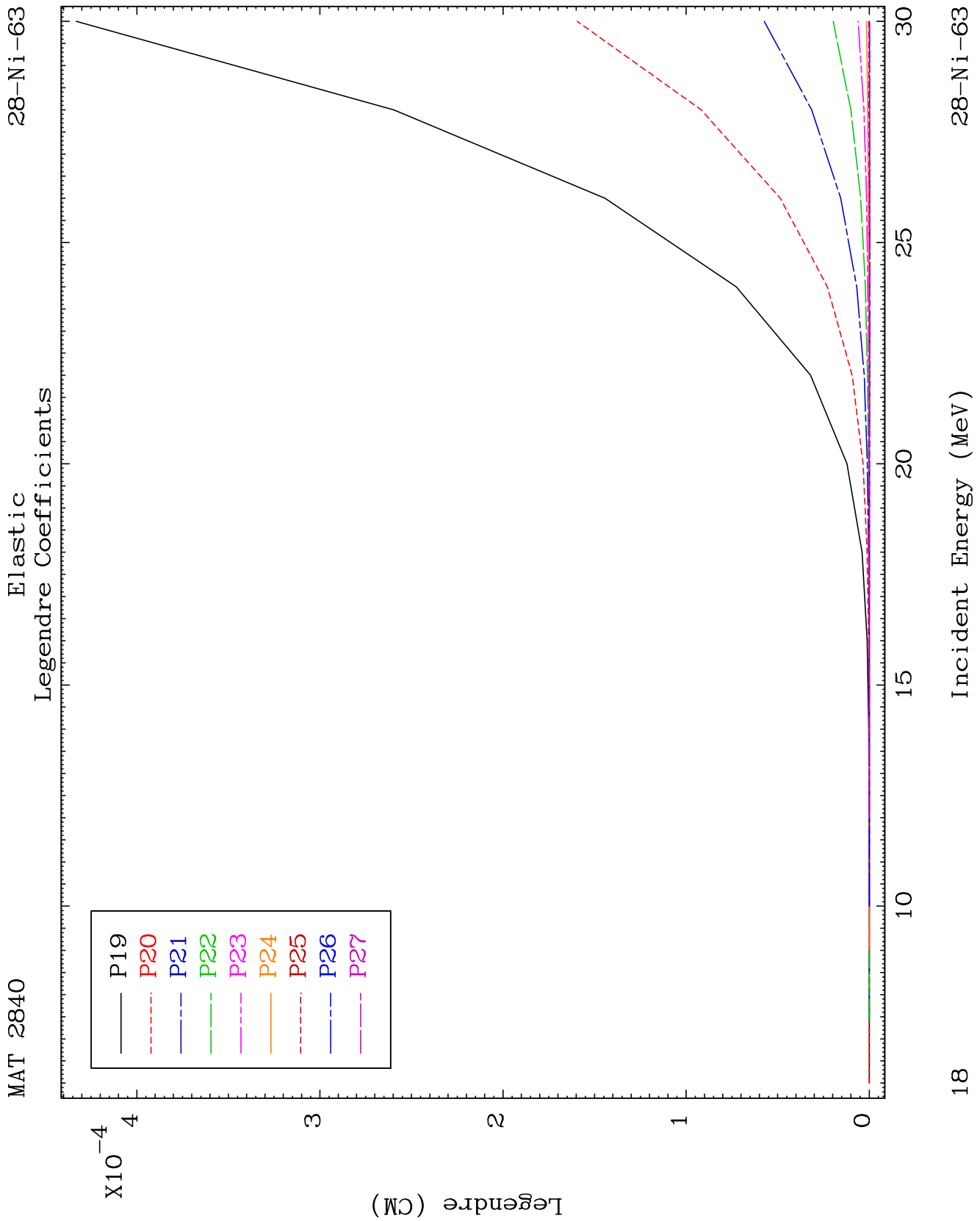
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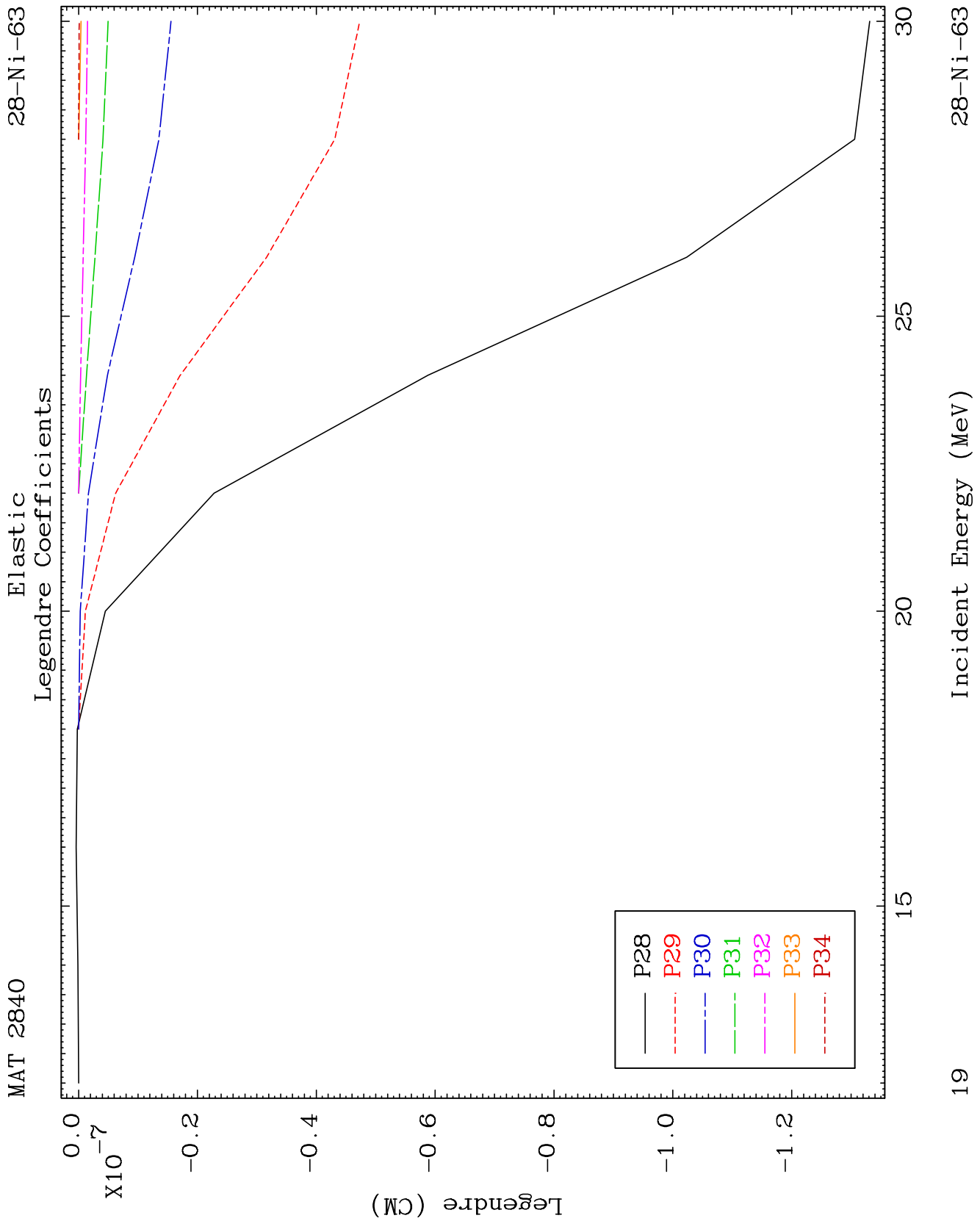


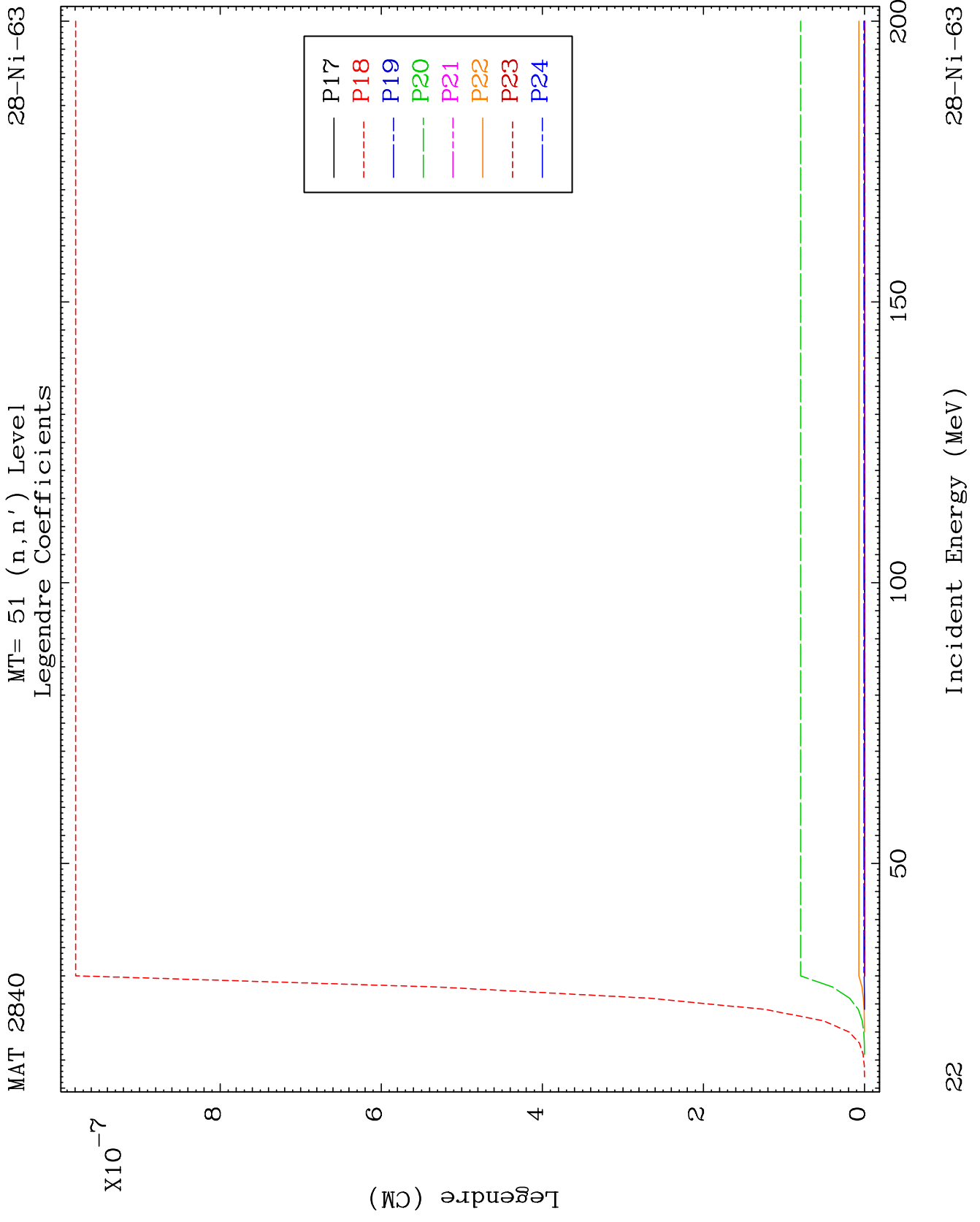
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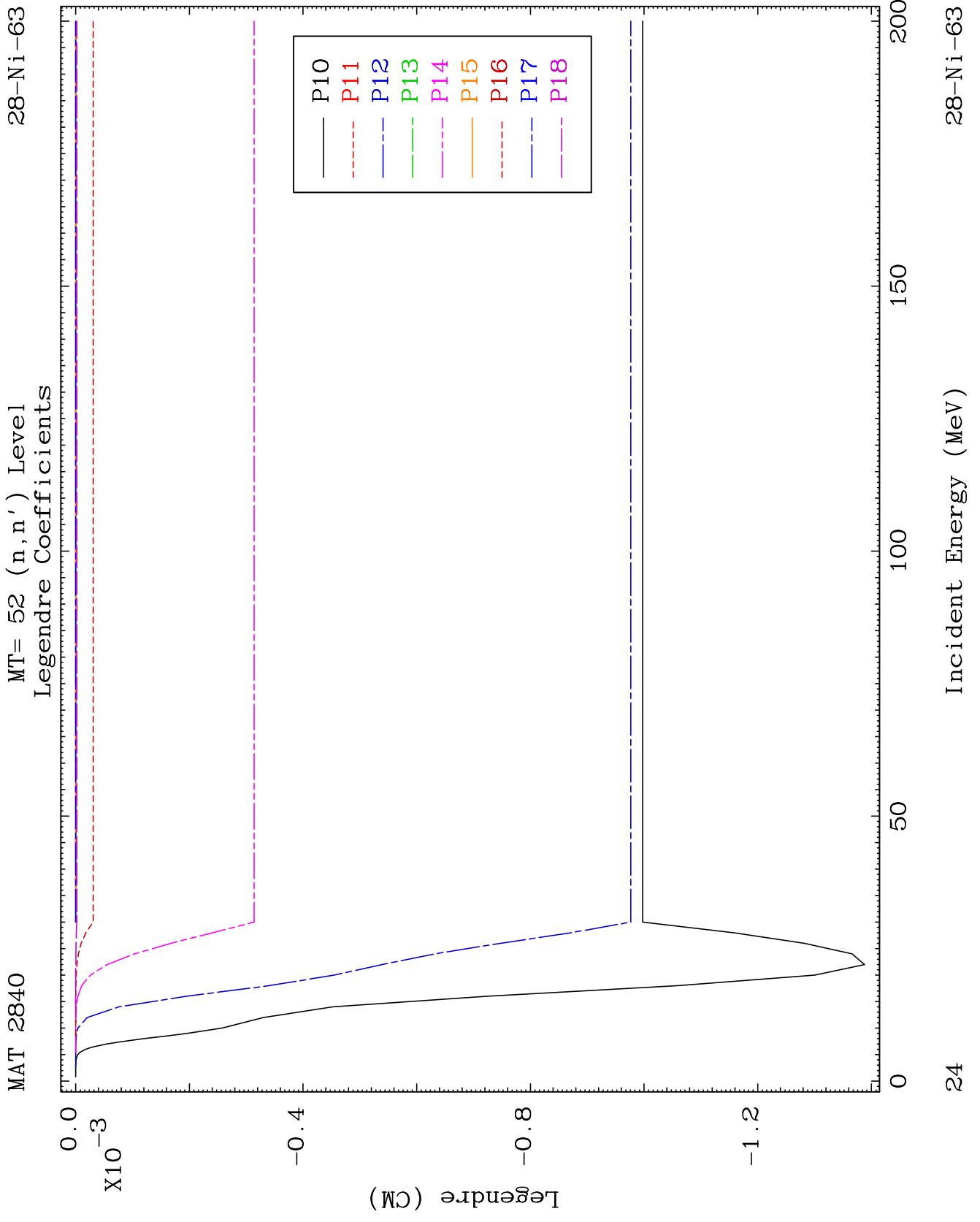


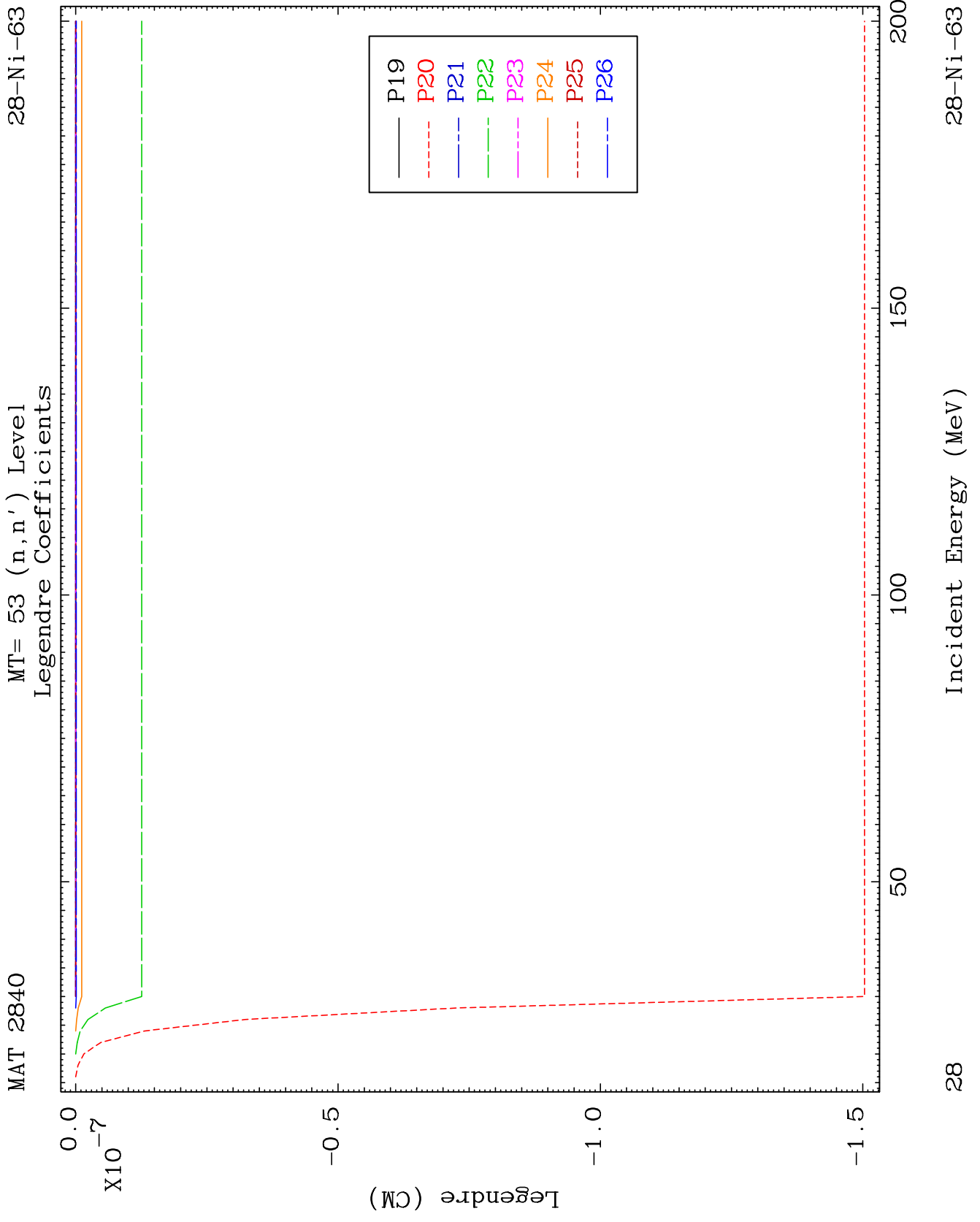








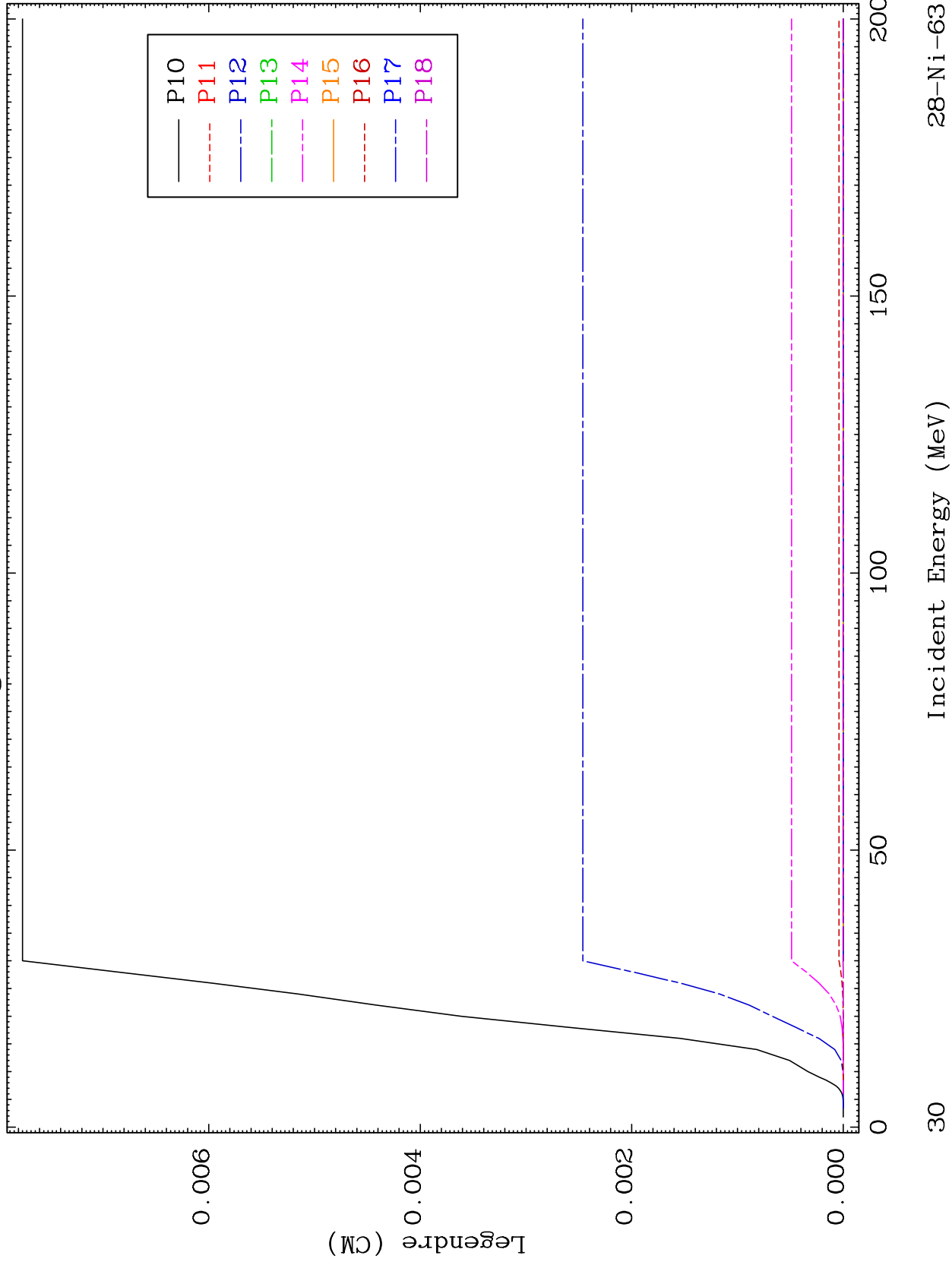




MAT 2840

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

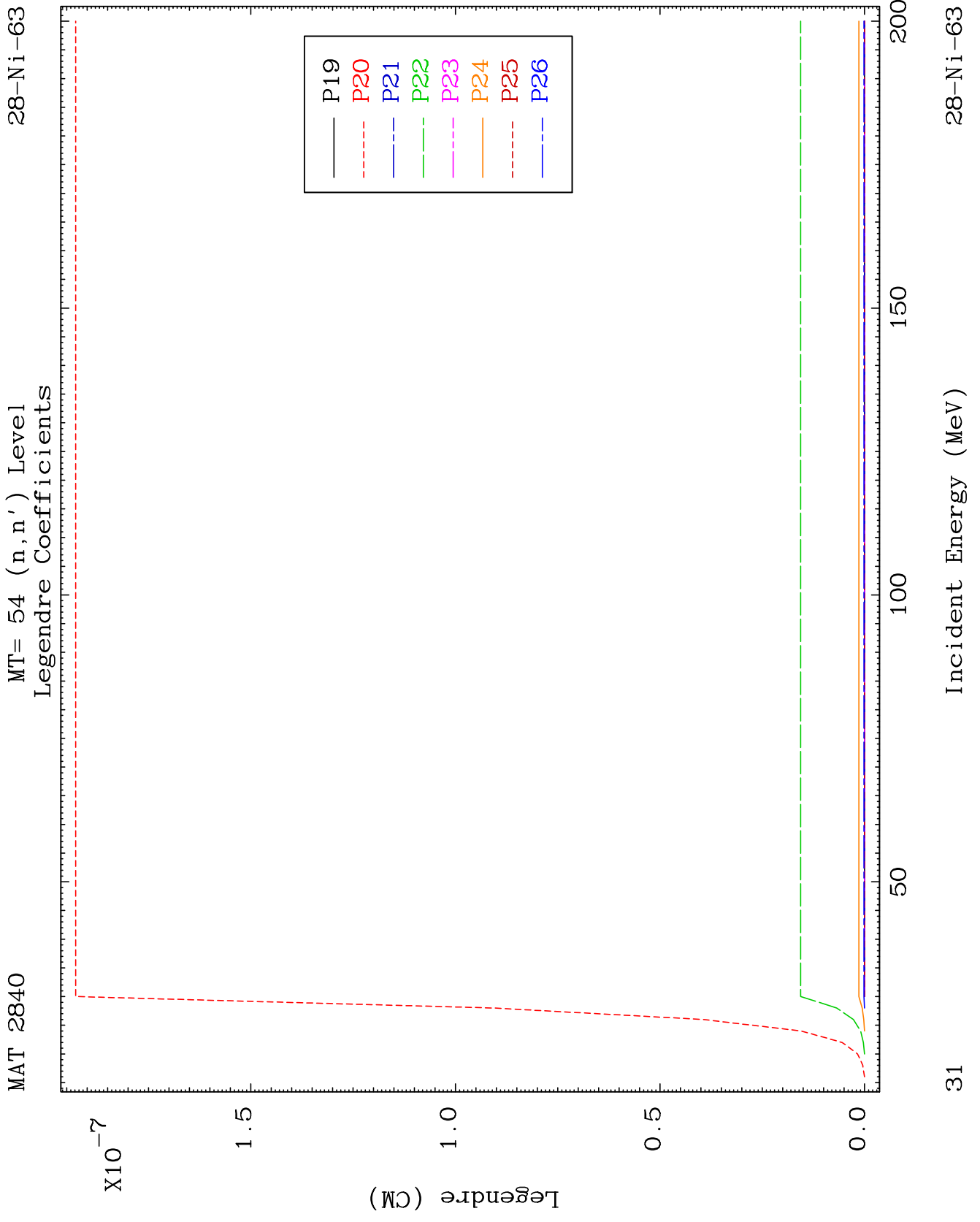
28-Ni-63



28-Ni-63

Incident Energy (MeV)

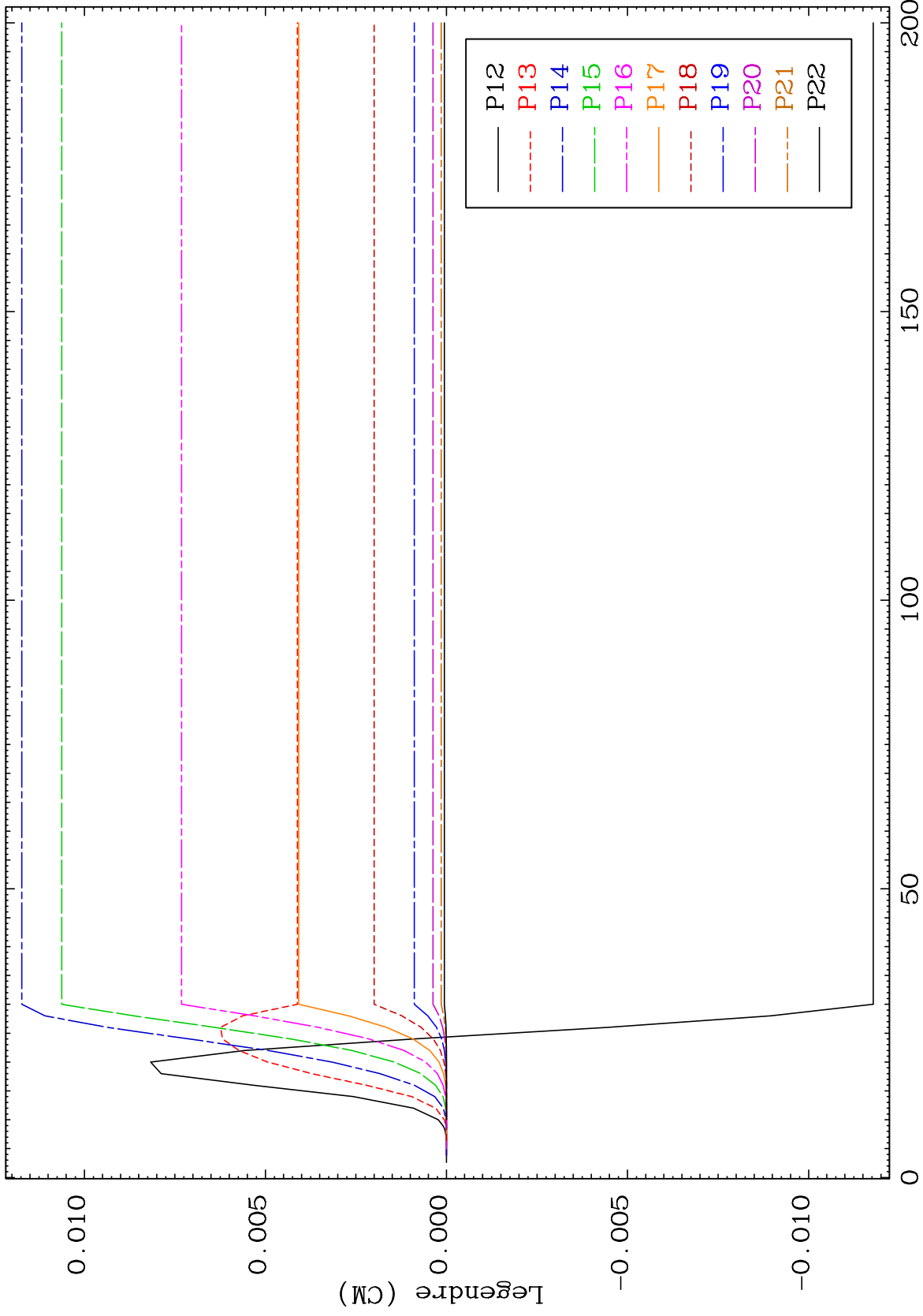
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MAT 2840

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

28-Ni-63



33

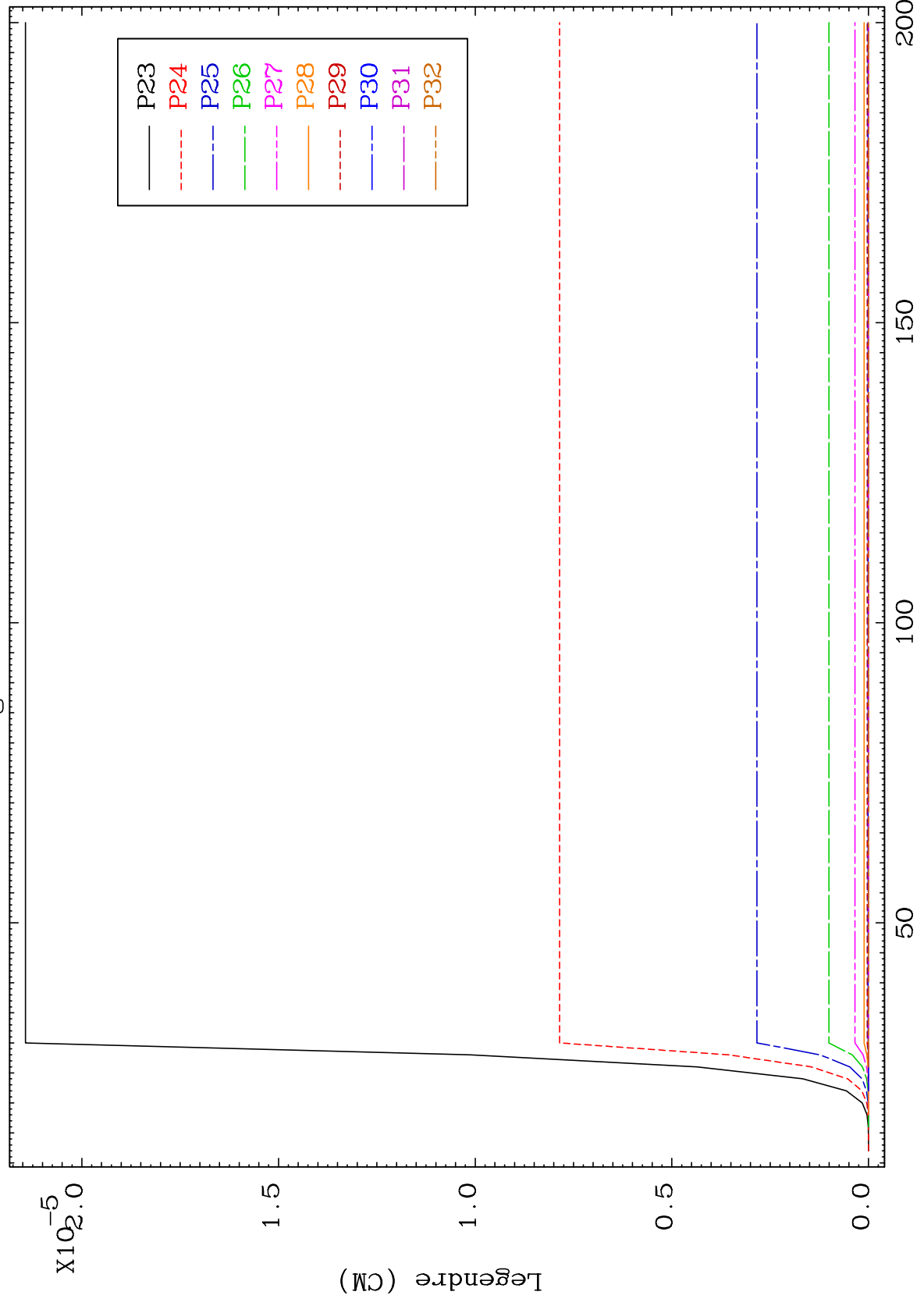
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

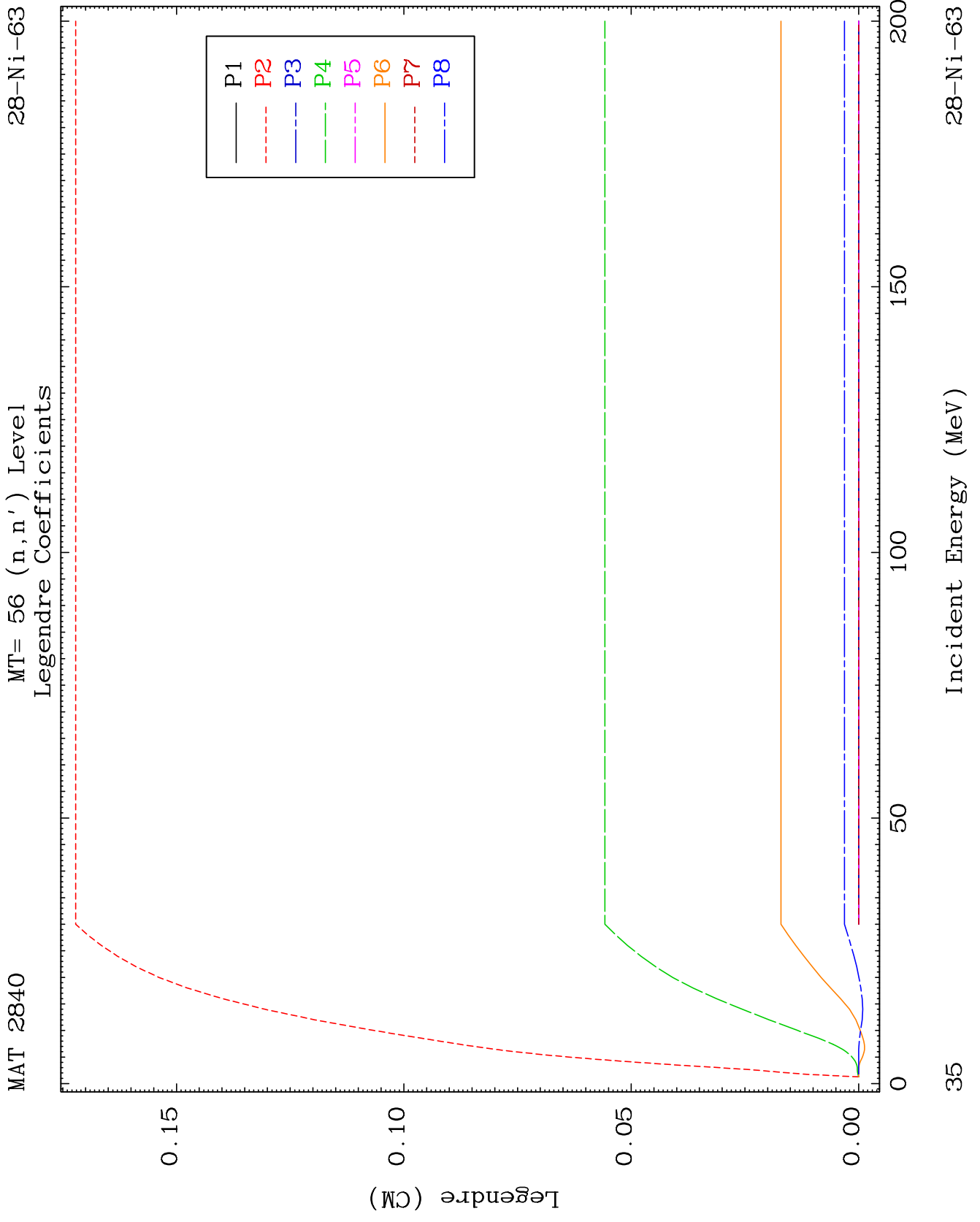
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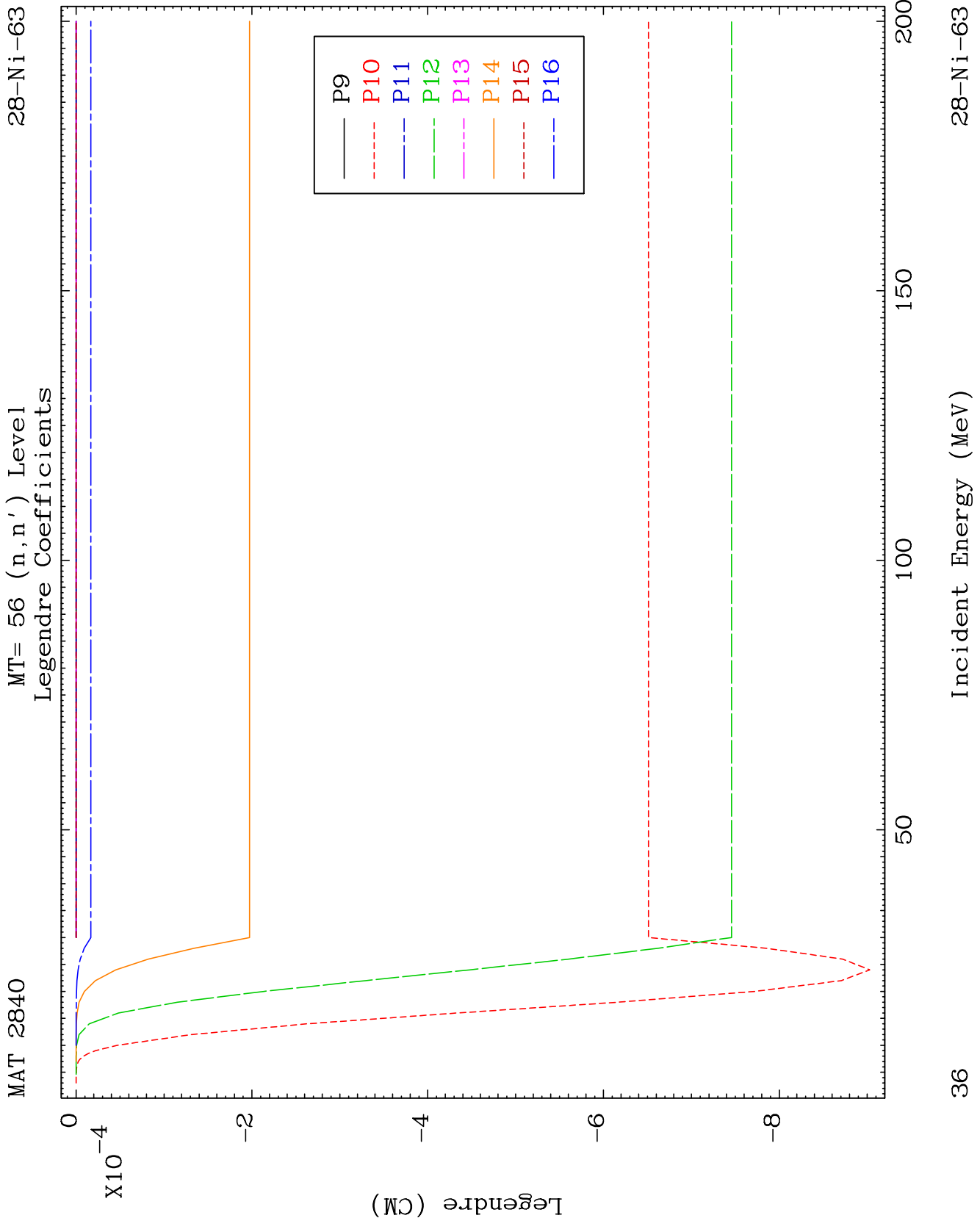


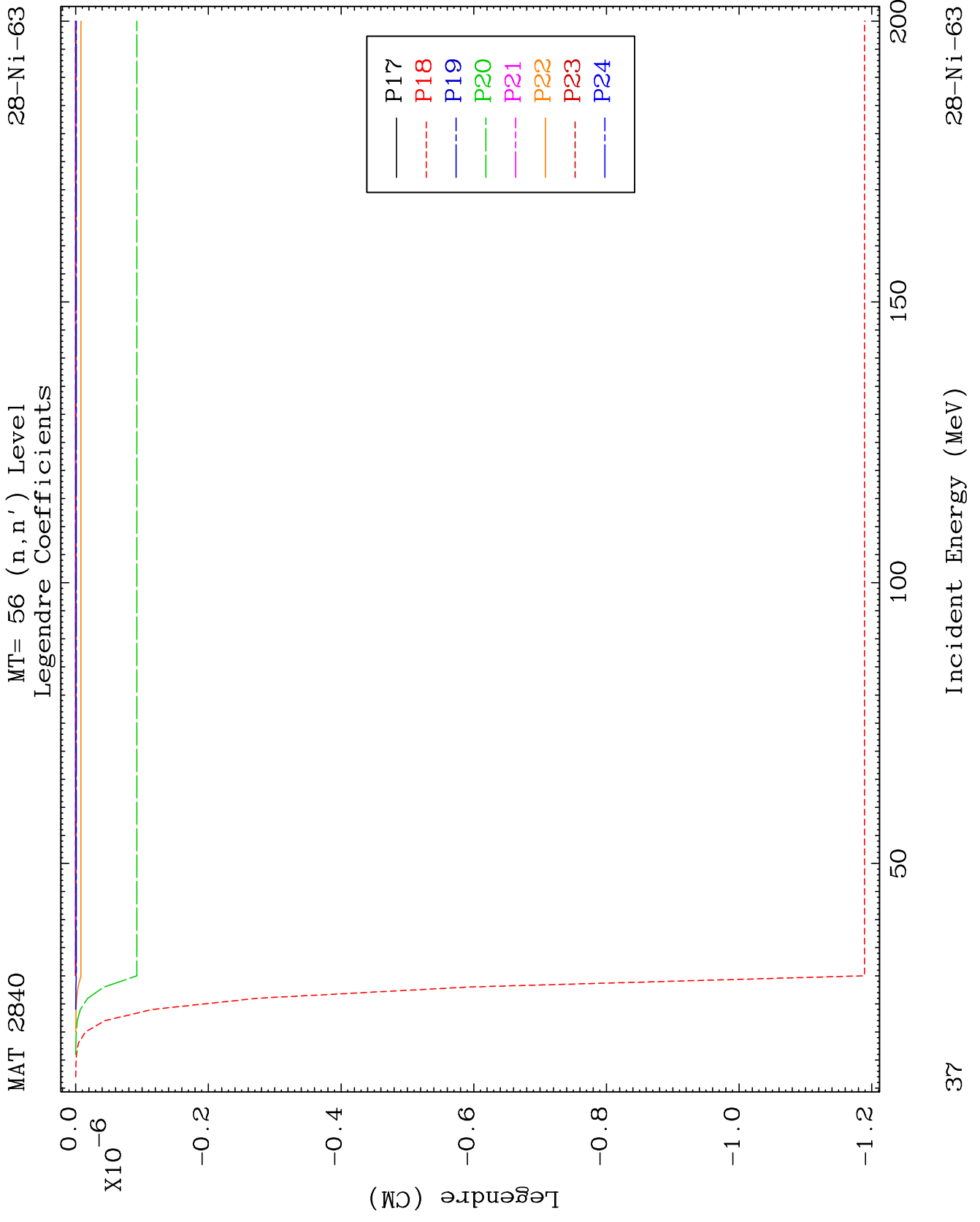
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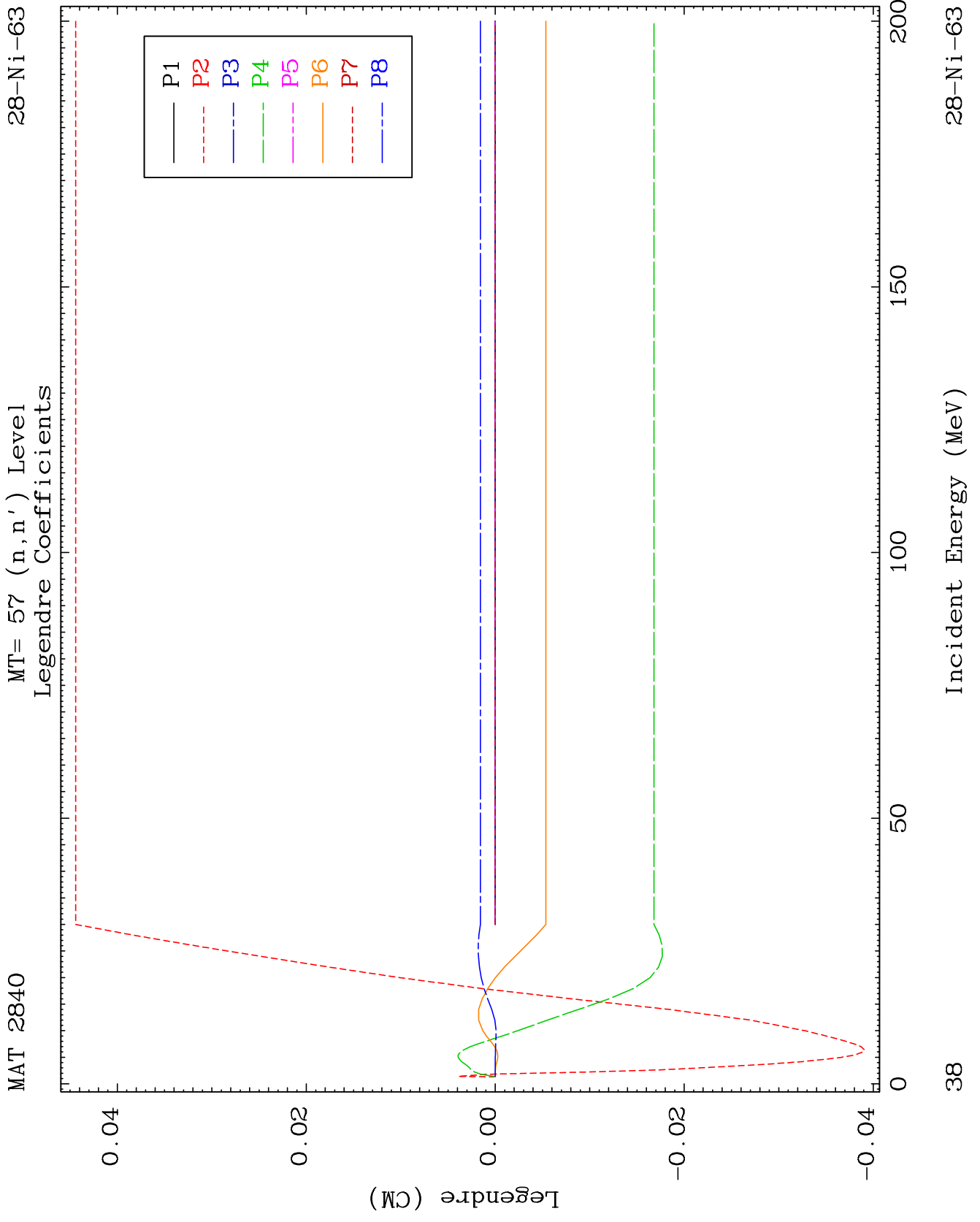
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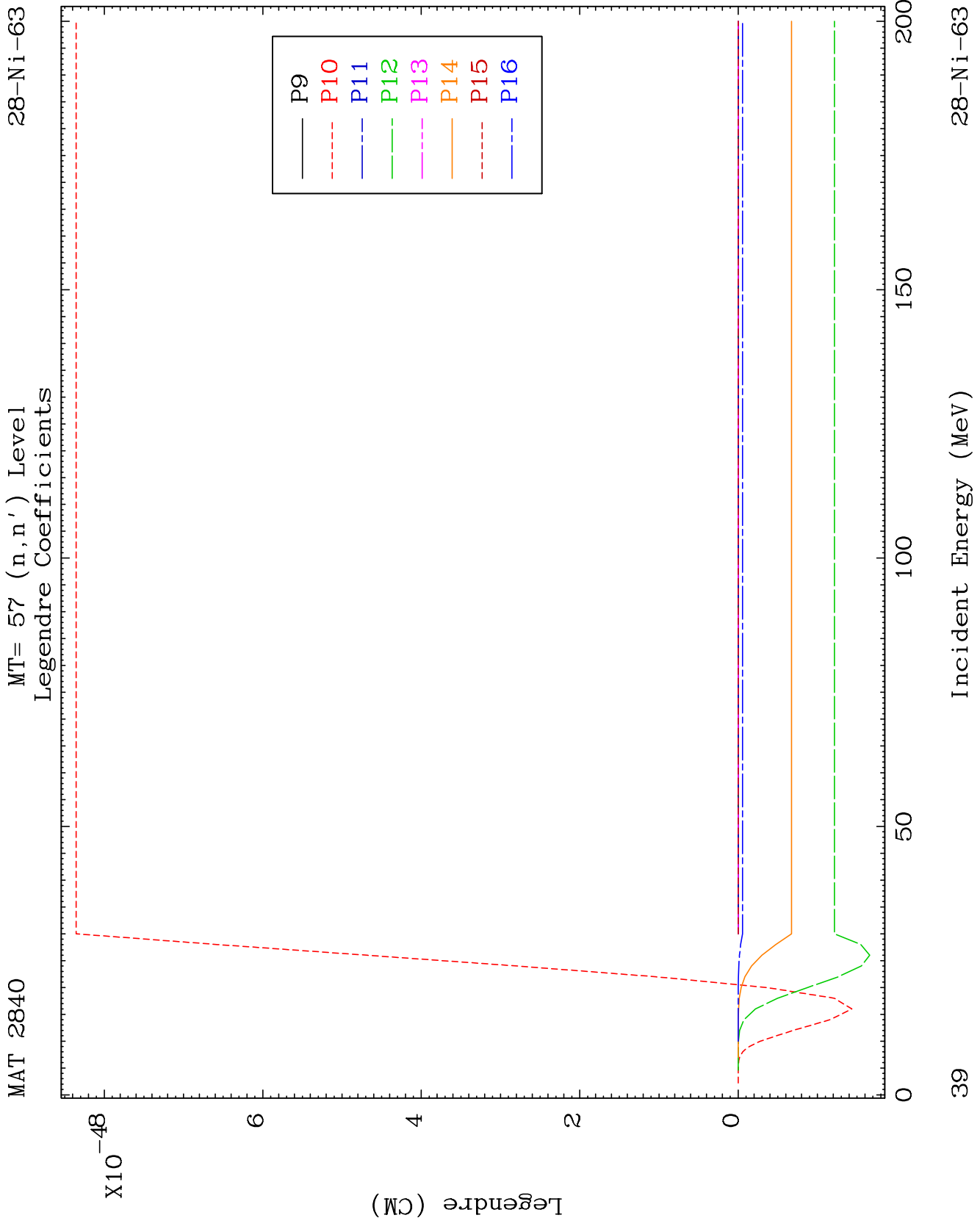
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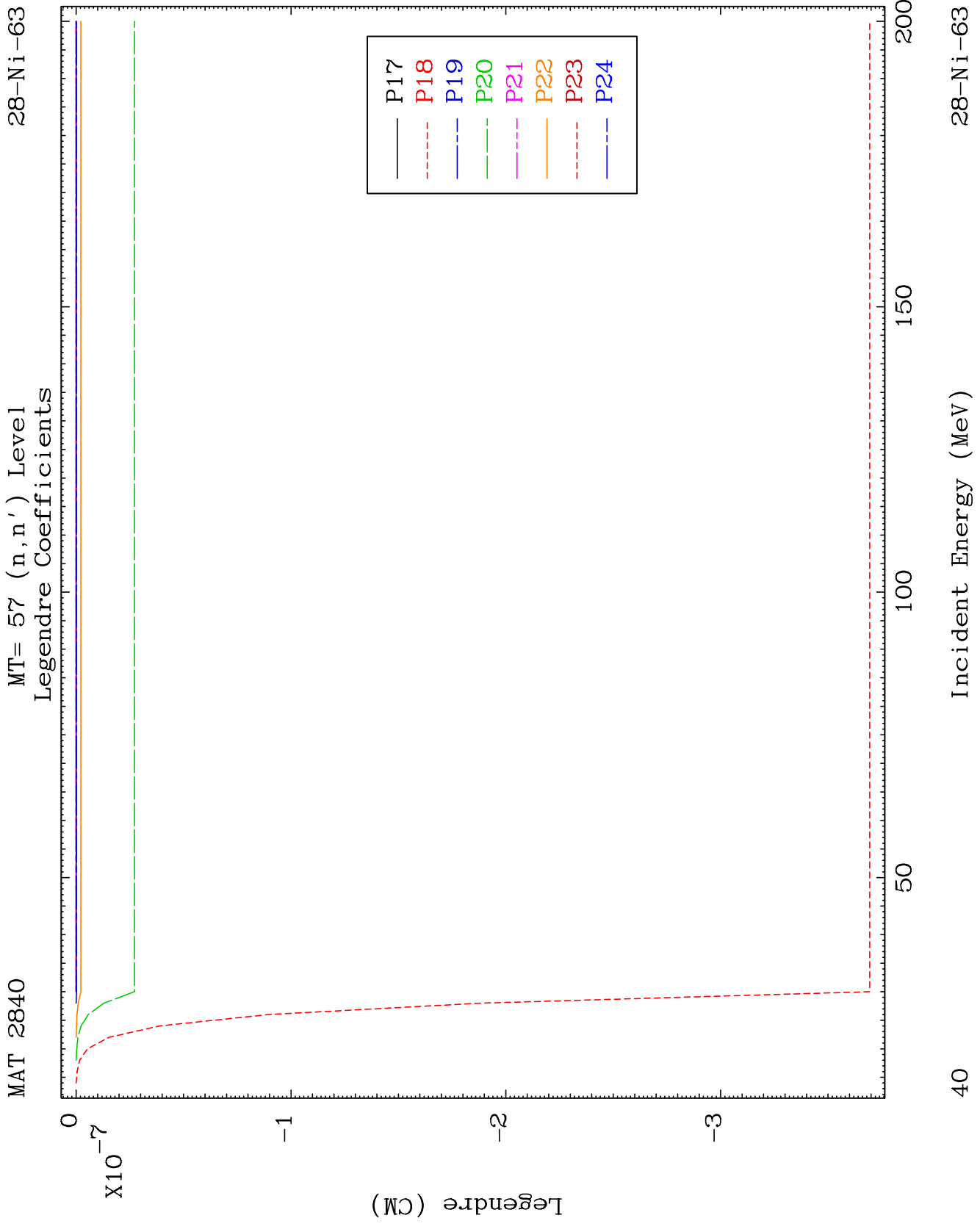








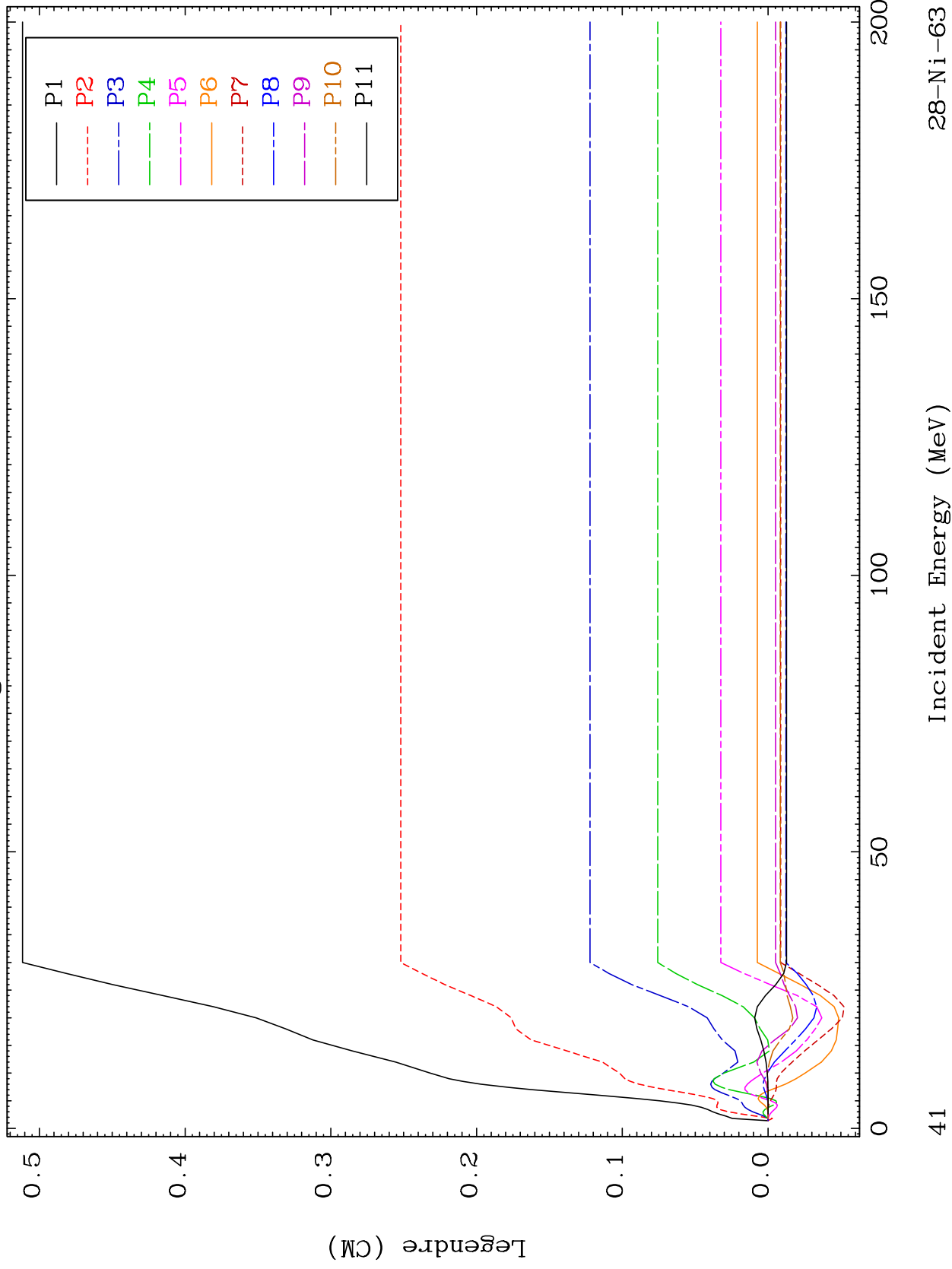




MAT 2840

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

28-Ni-63



41

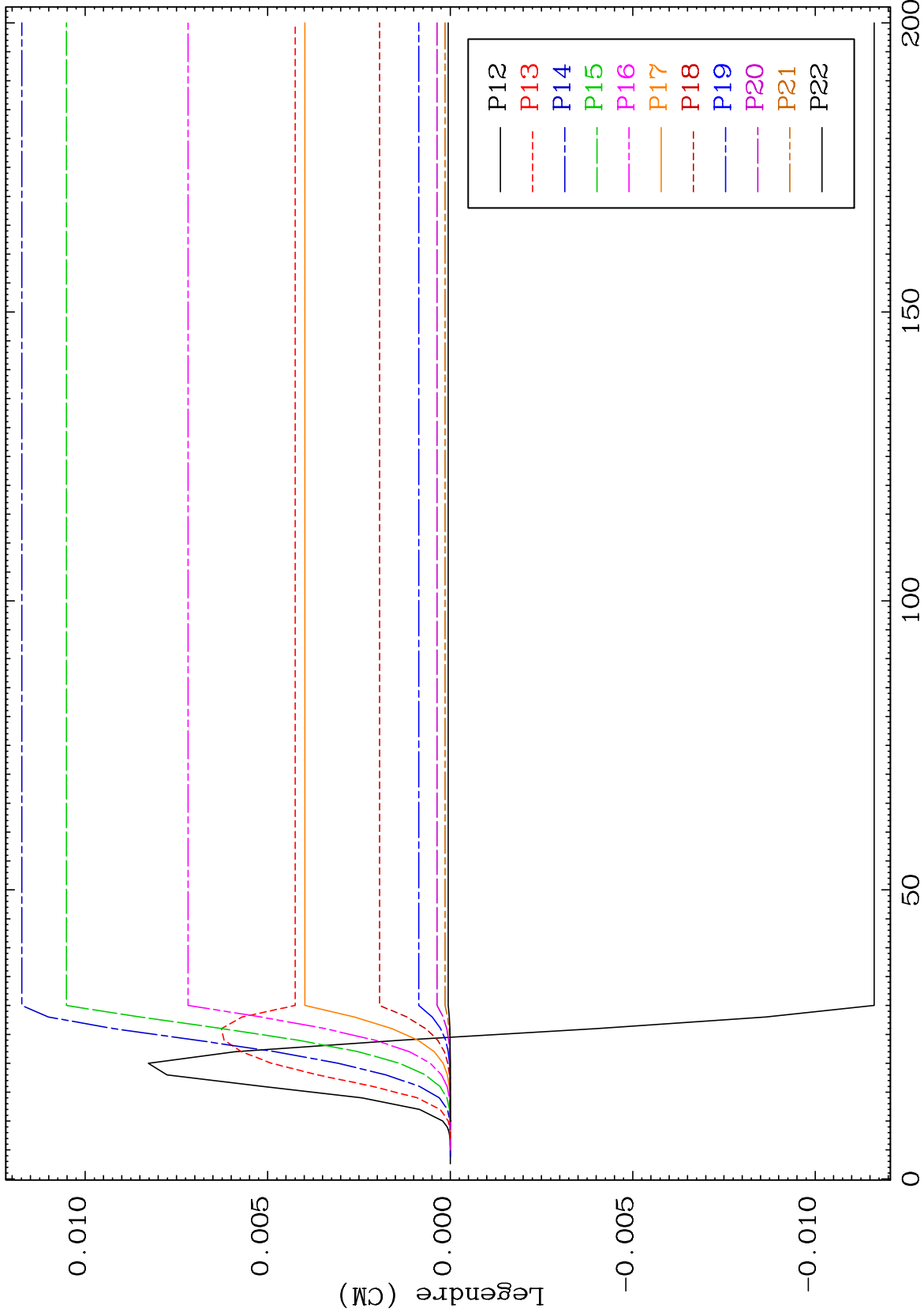
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63



42

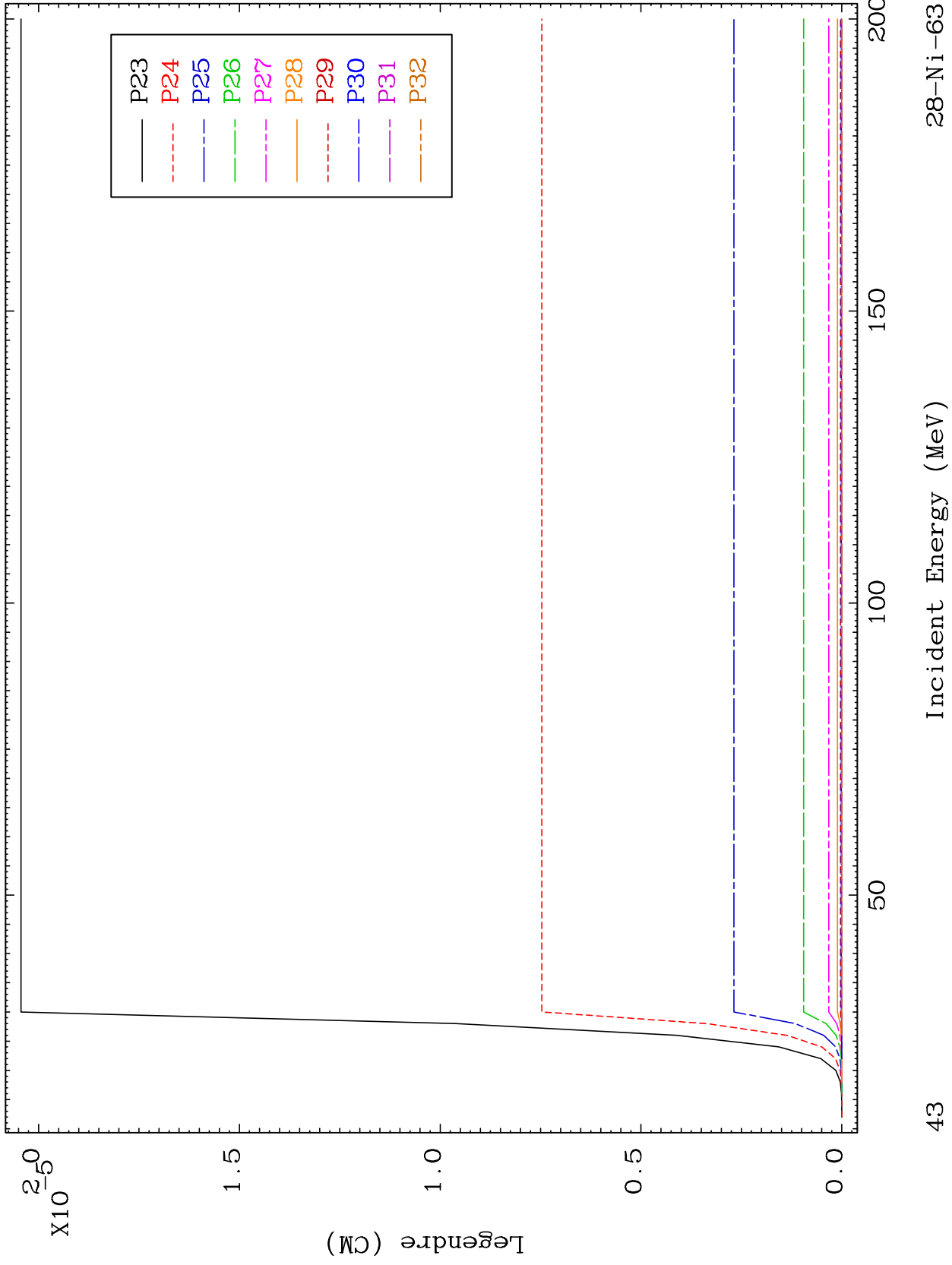
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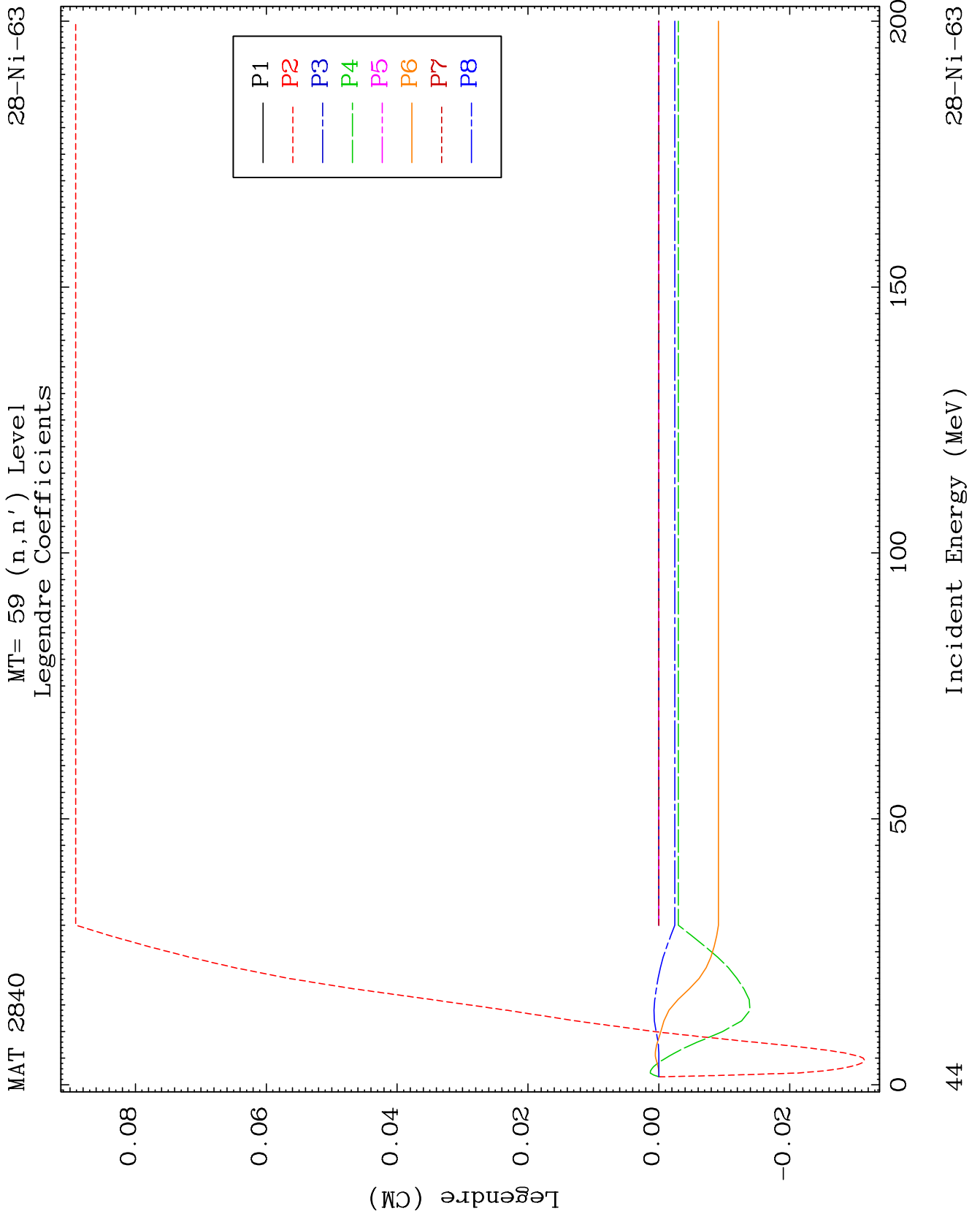
28-Ni-63

MAT 2840

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

28-Ni-63

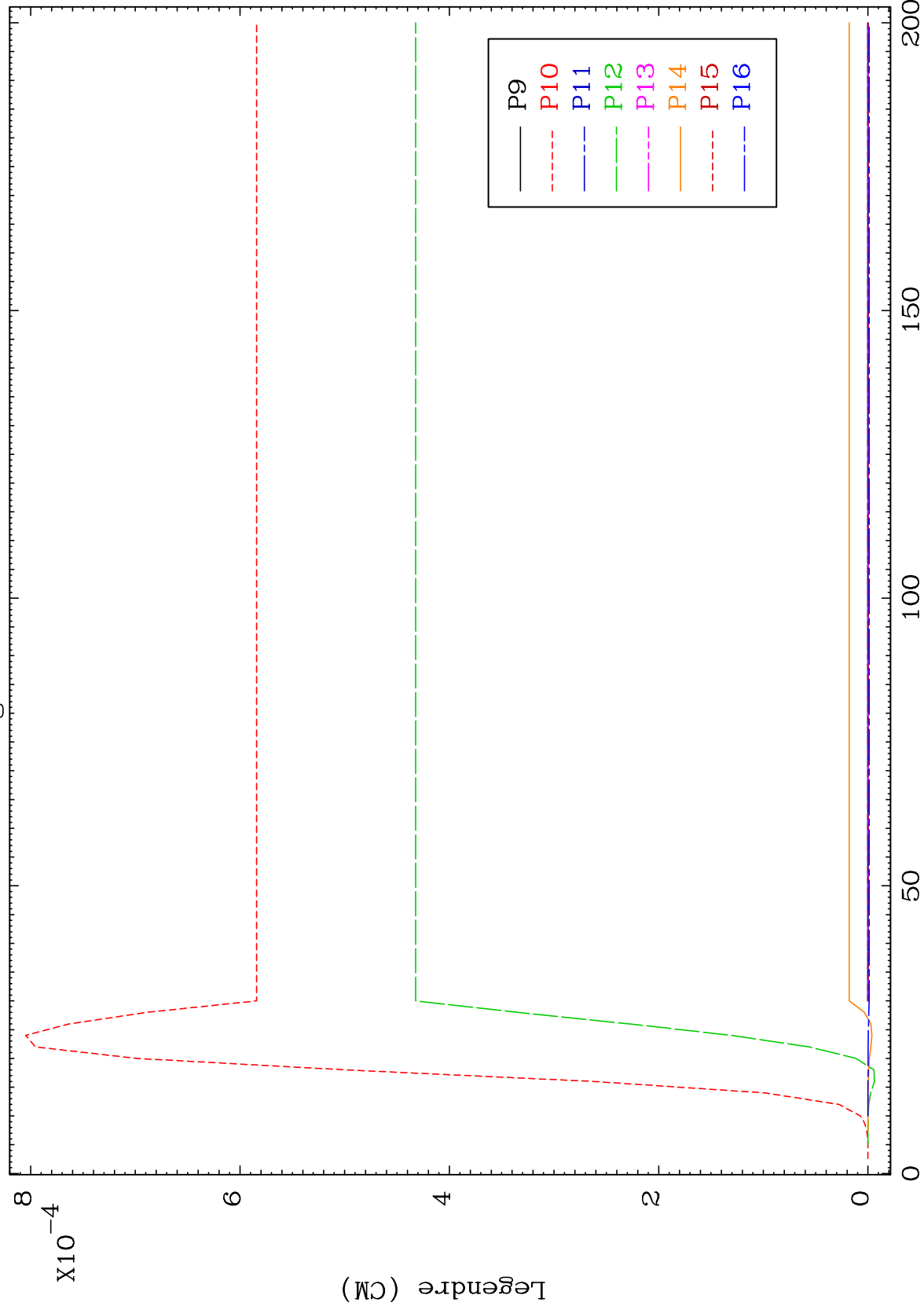




MAT 2840

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

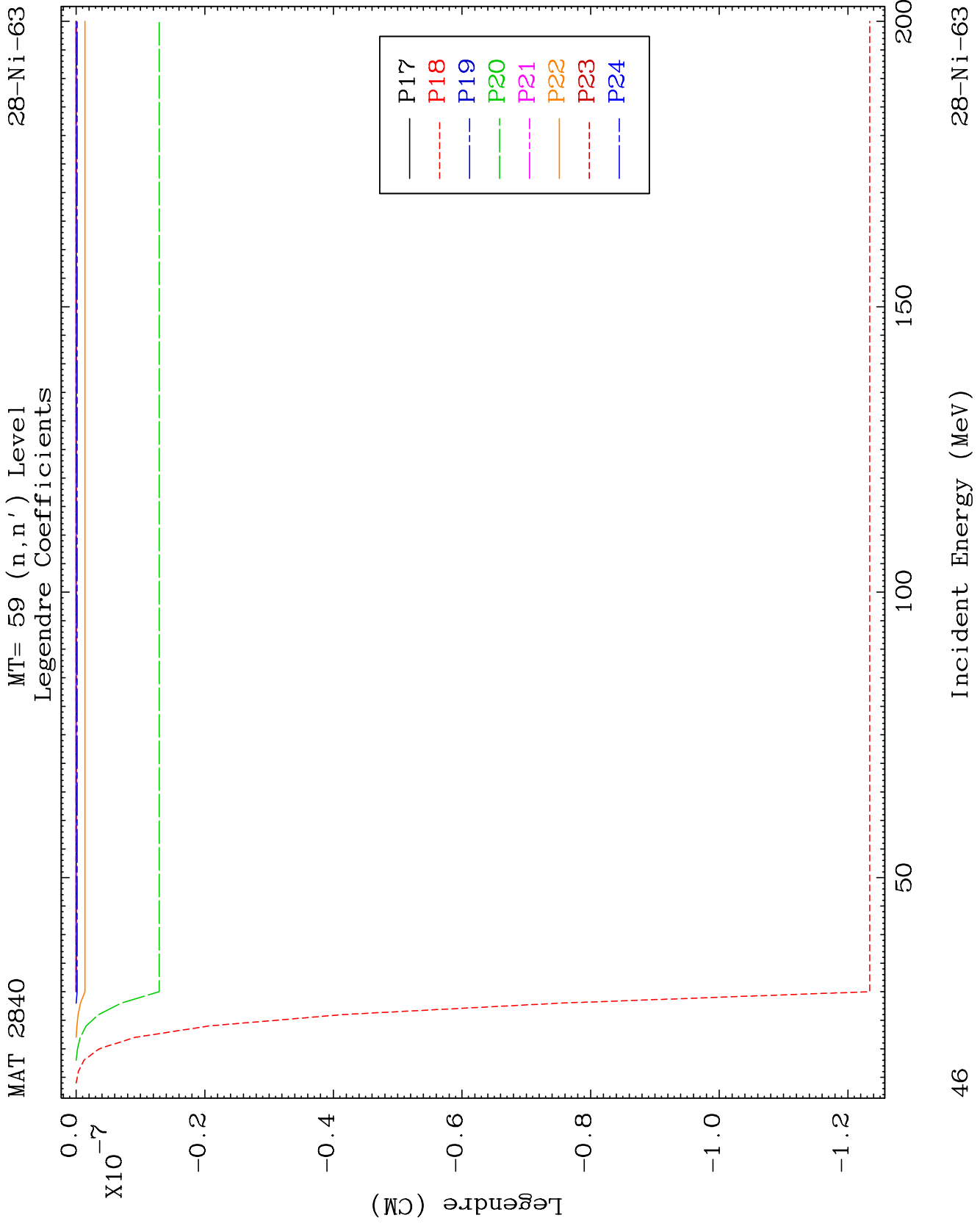
28-Ni-63



28-Ni-63

Incident Energy (MeV)

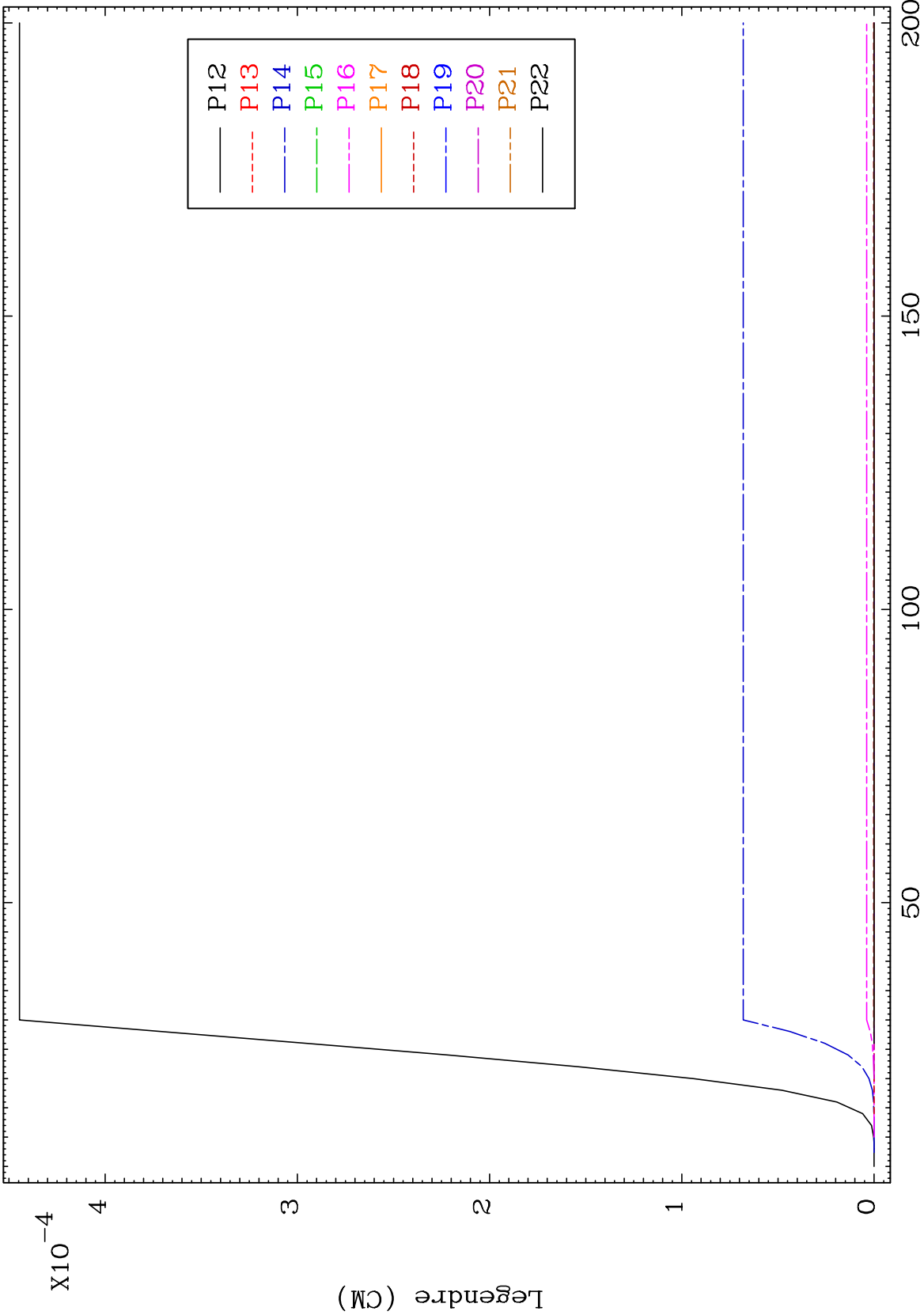
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MAT 2840

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

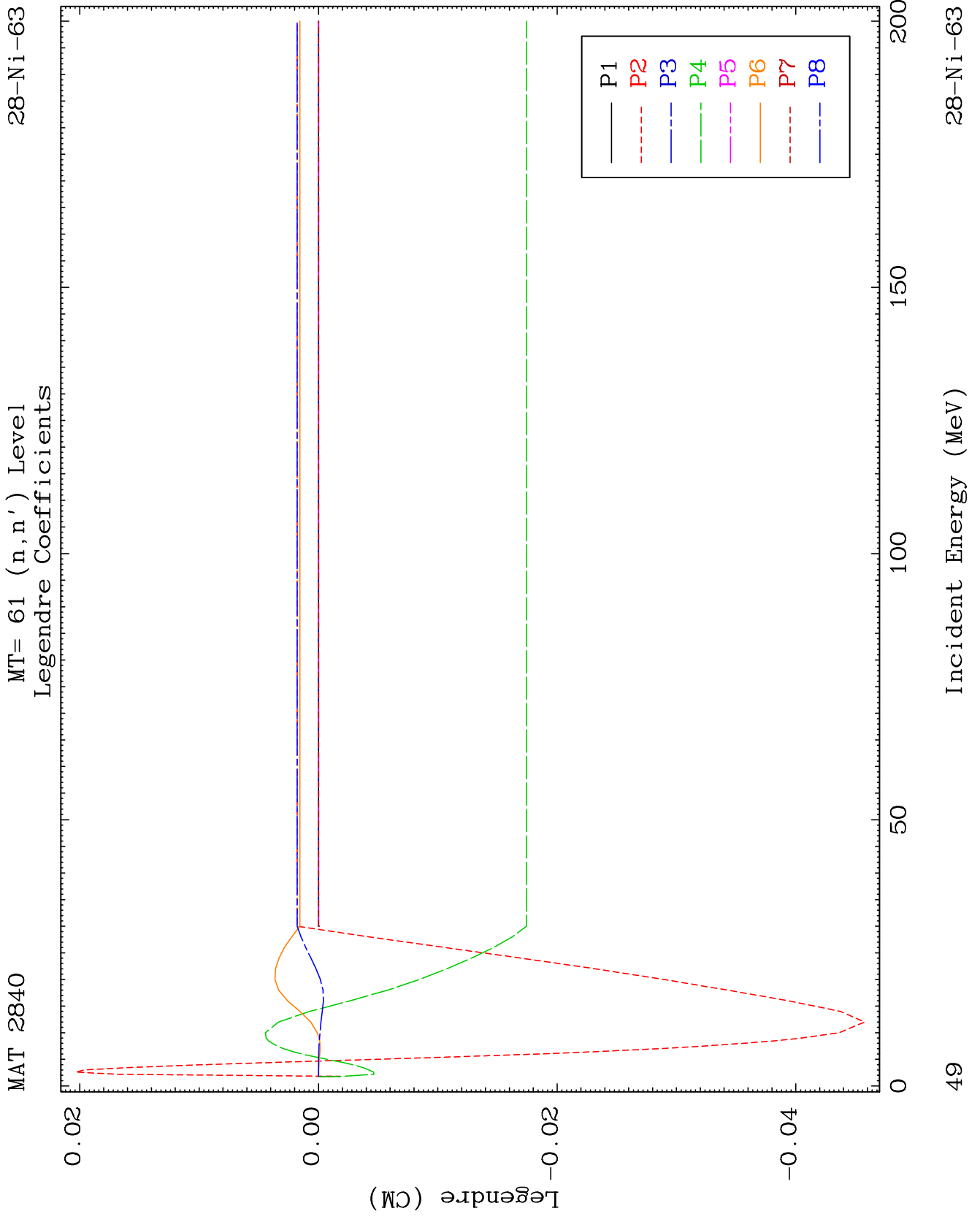
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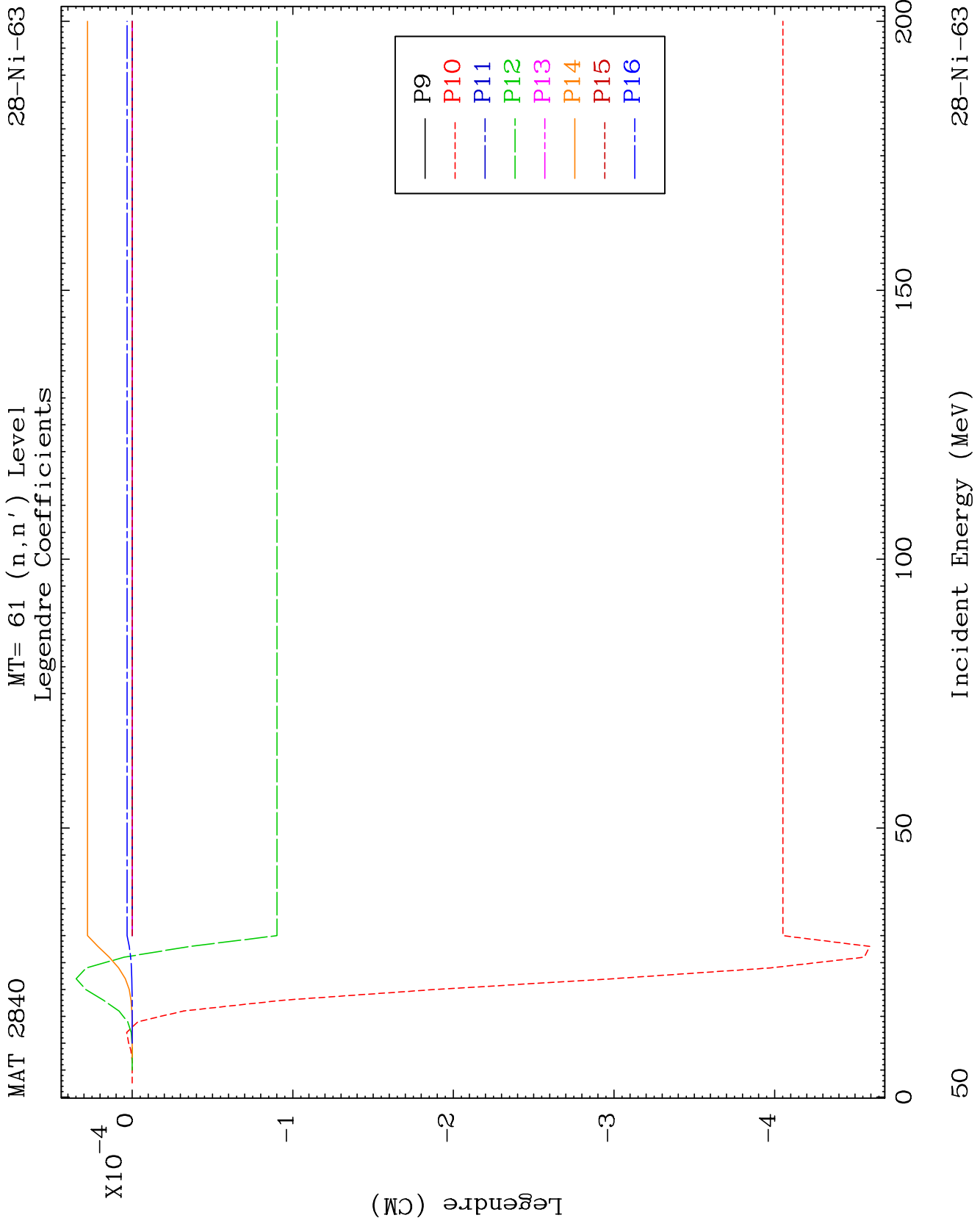


48

Incident Energy (MeV)

28-Ni-63

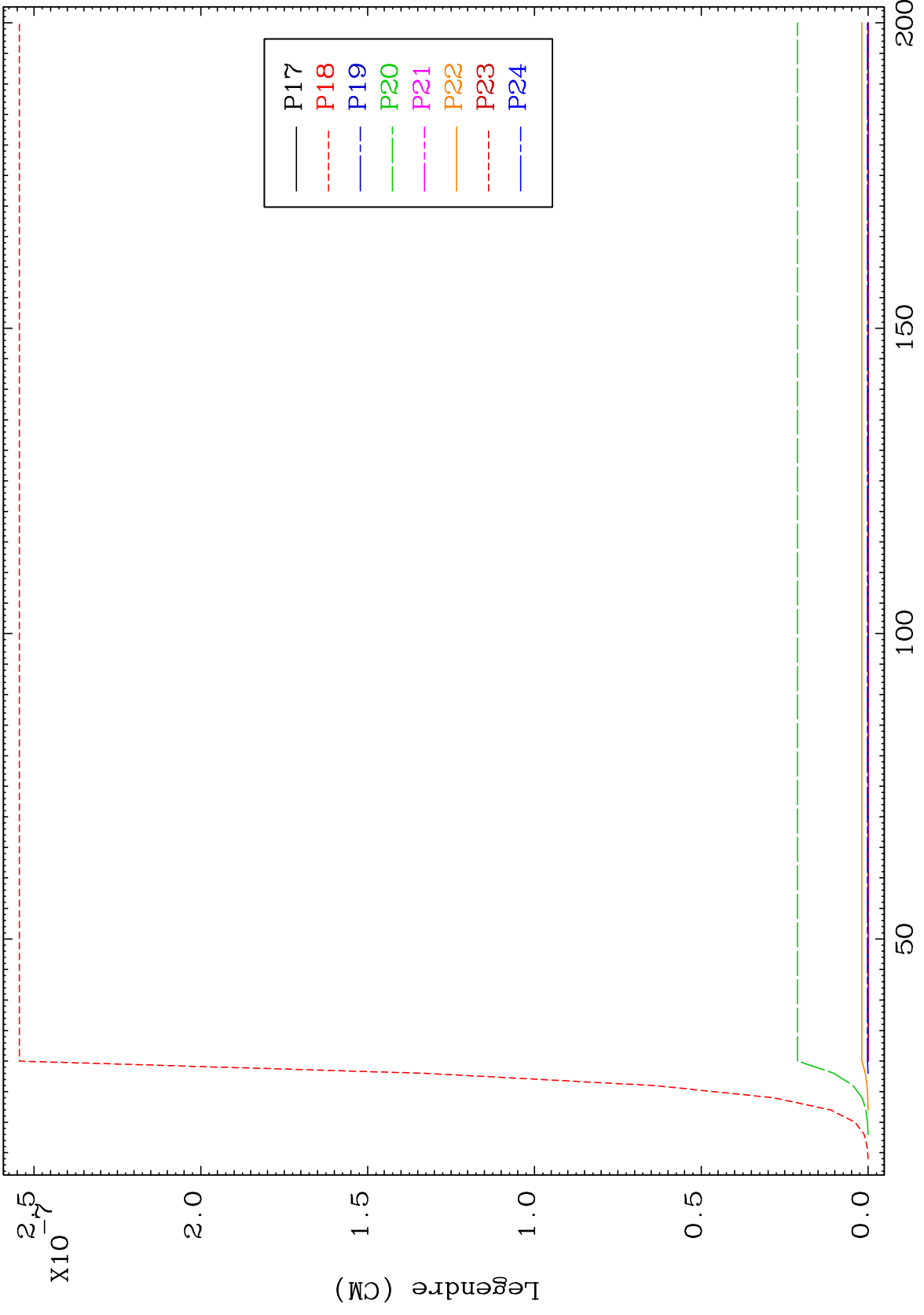




MAT 2840

MT= 61 (n,n') Level
Legendre Coefficients

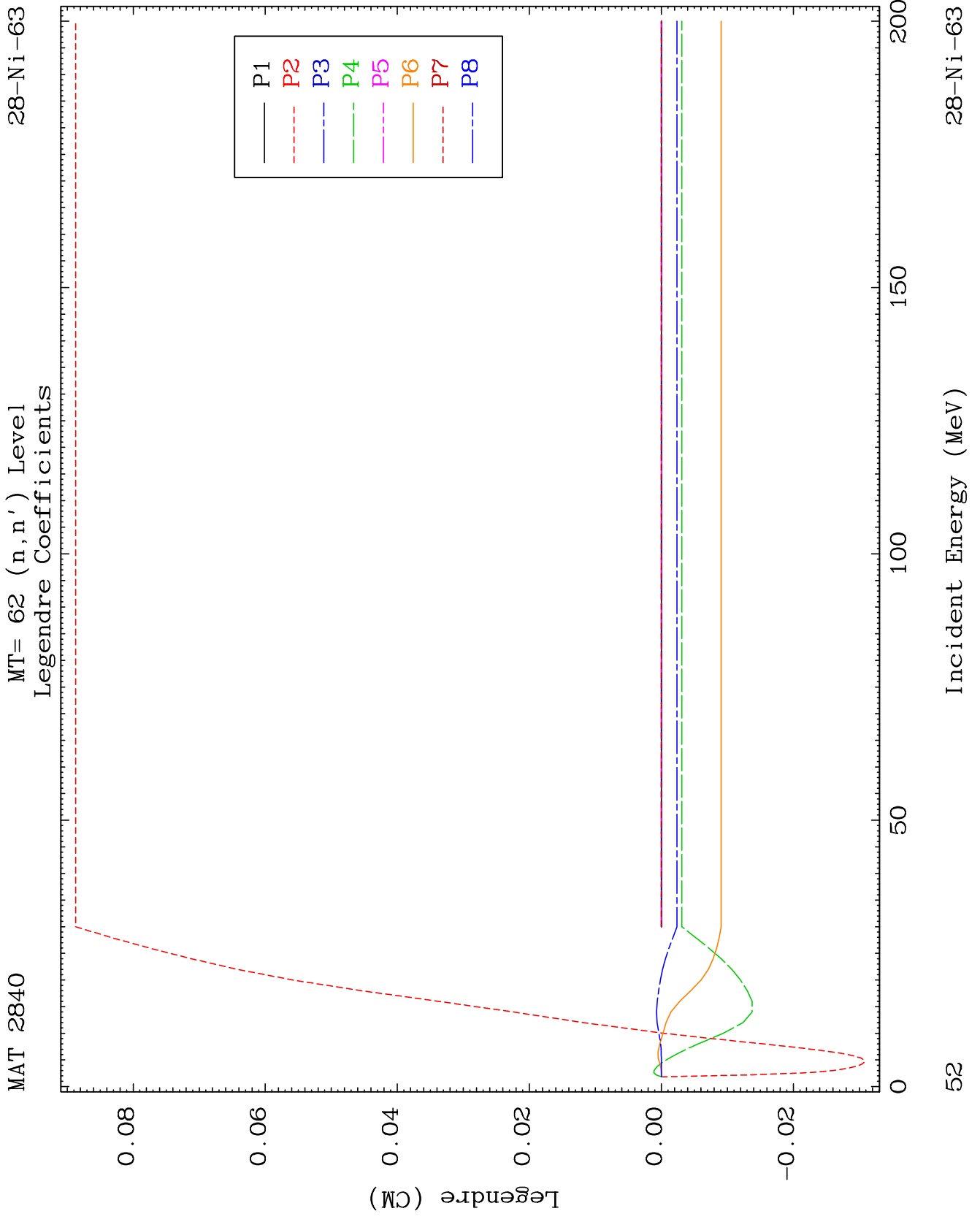
28-Ni-63



28-Ni-63

Incident Energy (MeV)

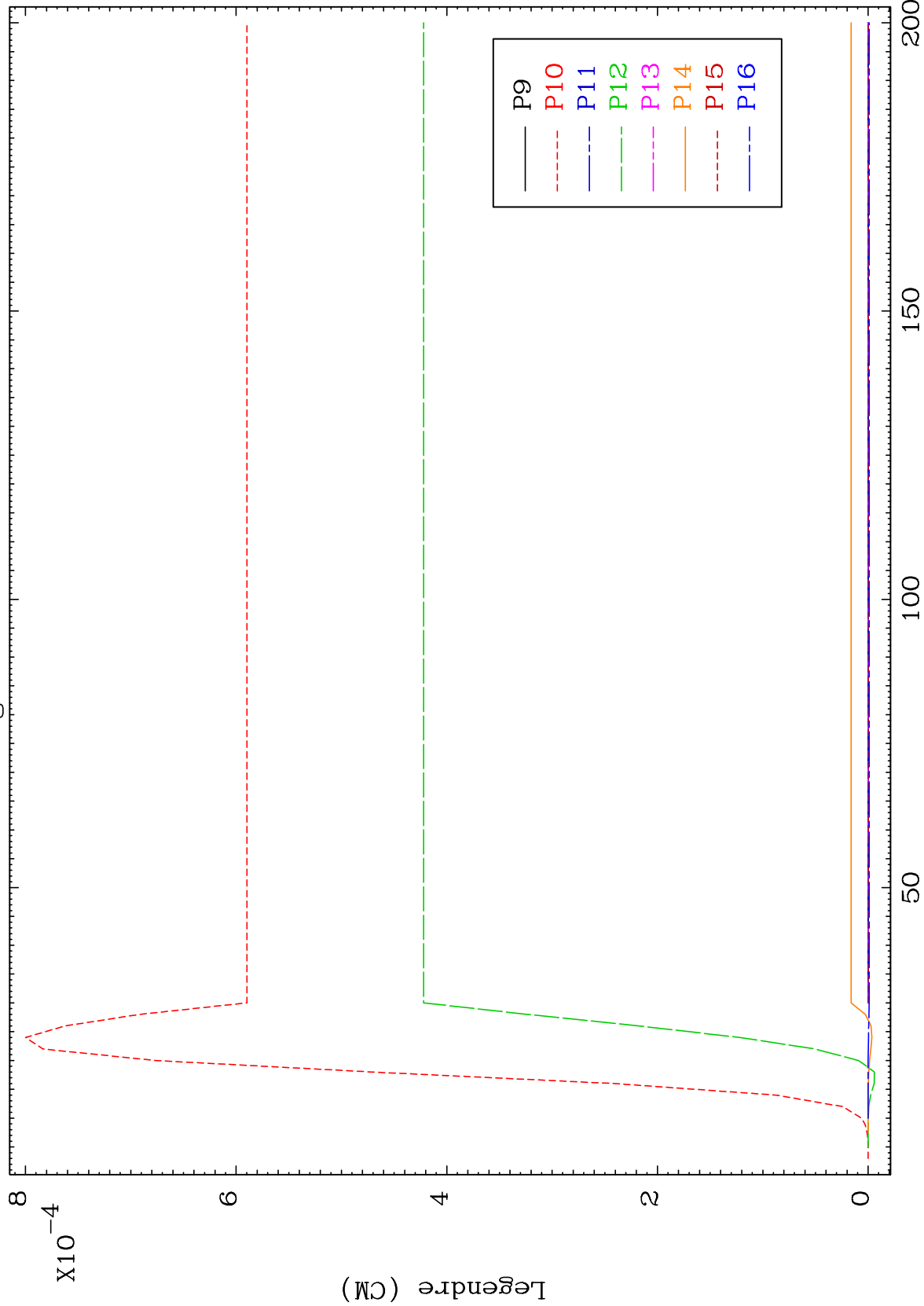
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MAT 2840

MT= 62 (n,n') Level
Legendre Coefficients

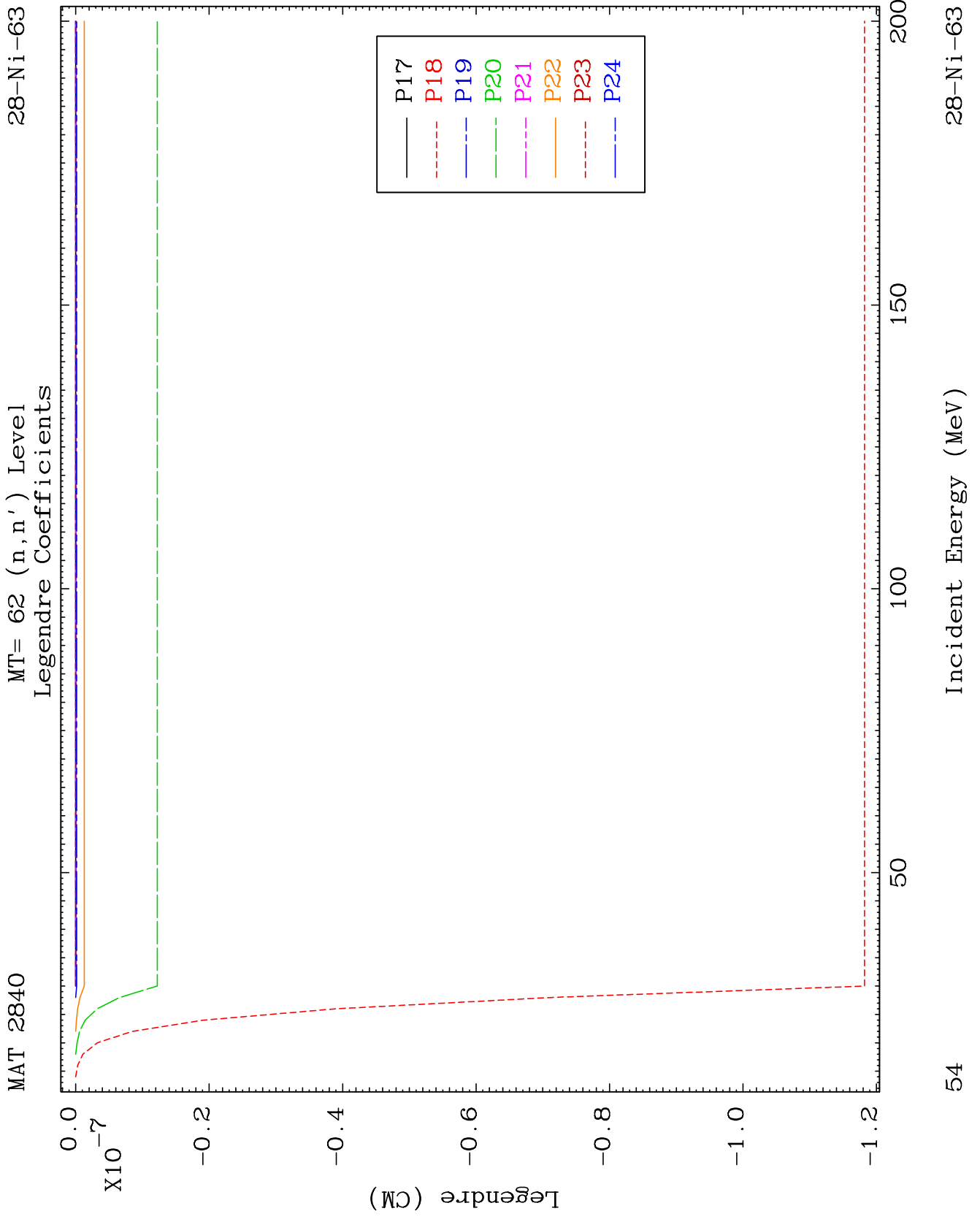
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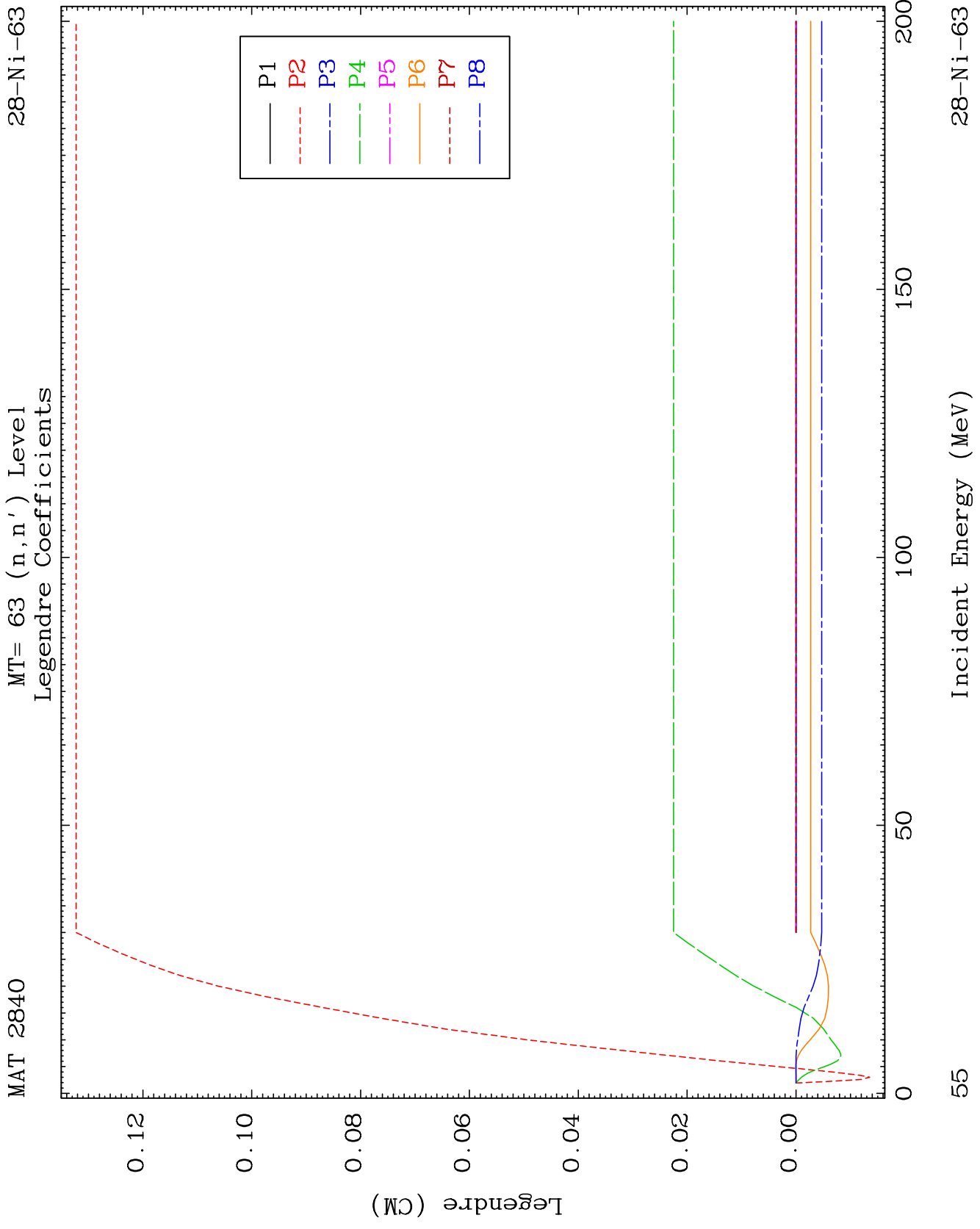


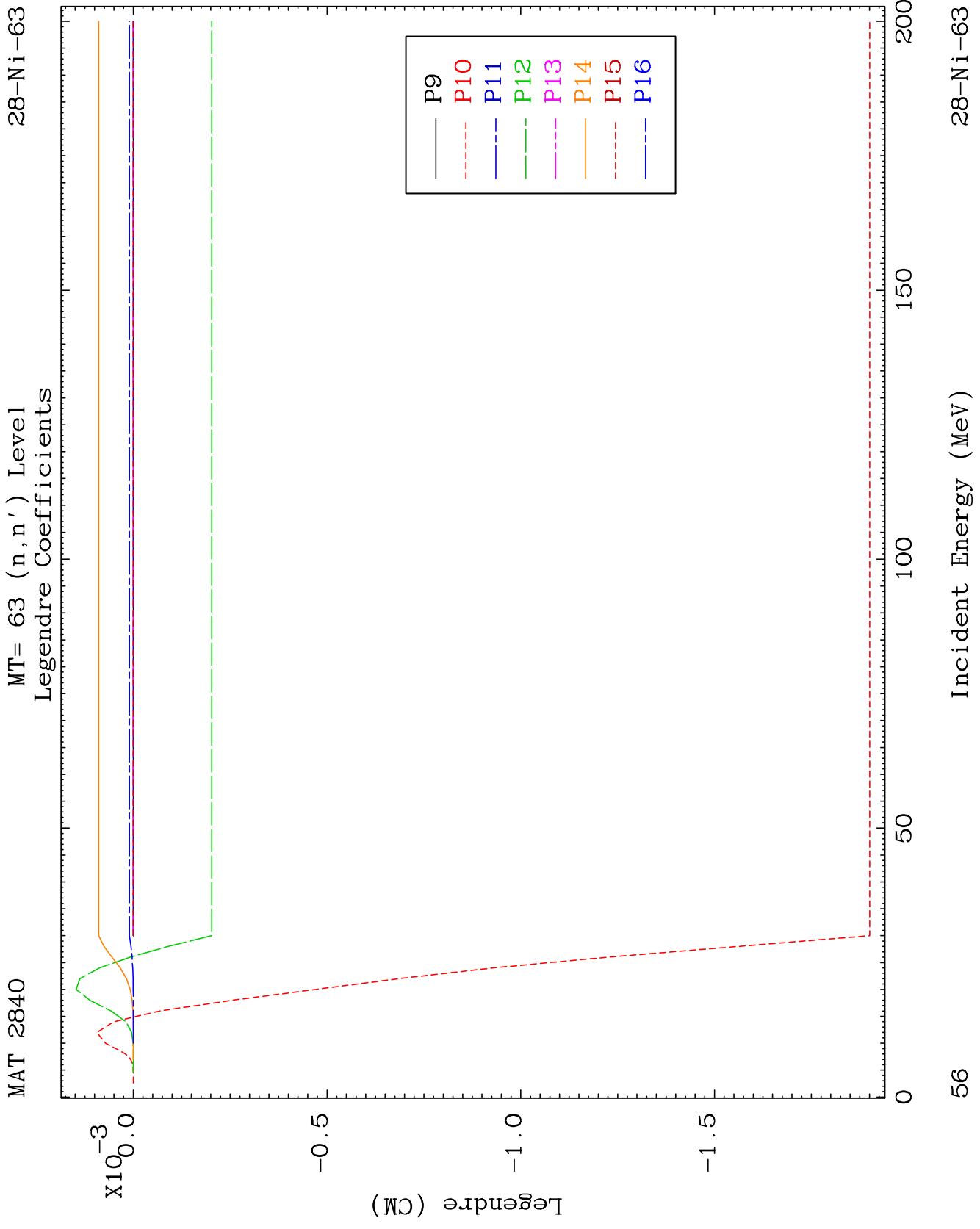
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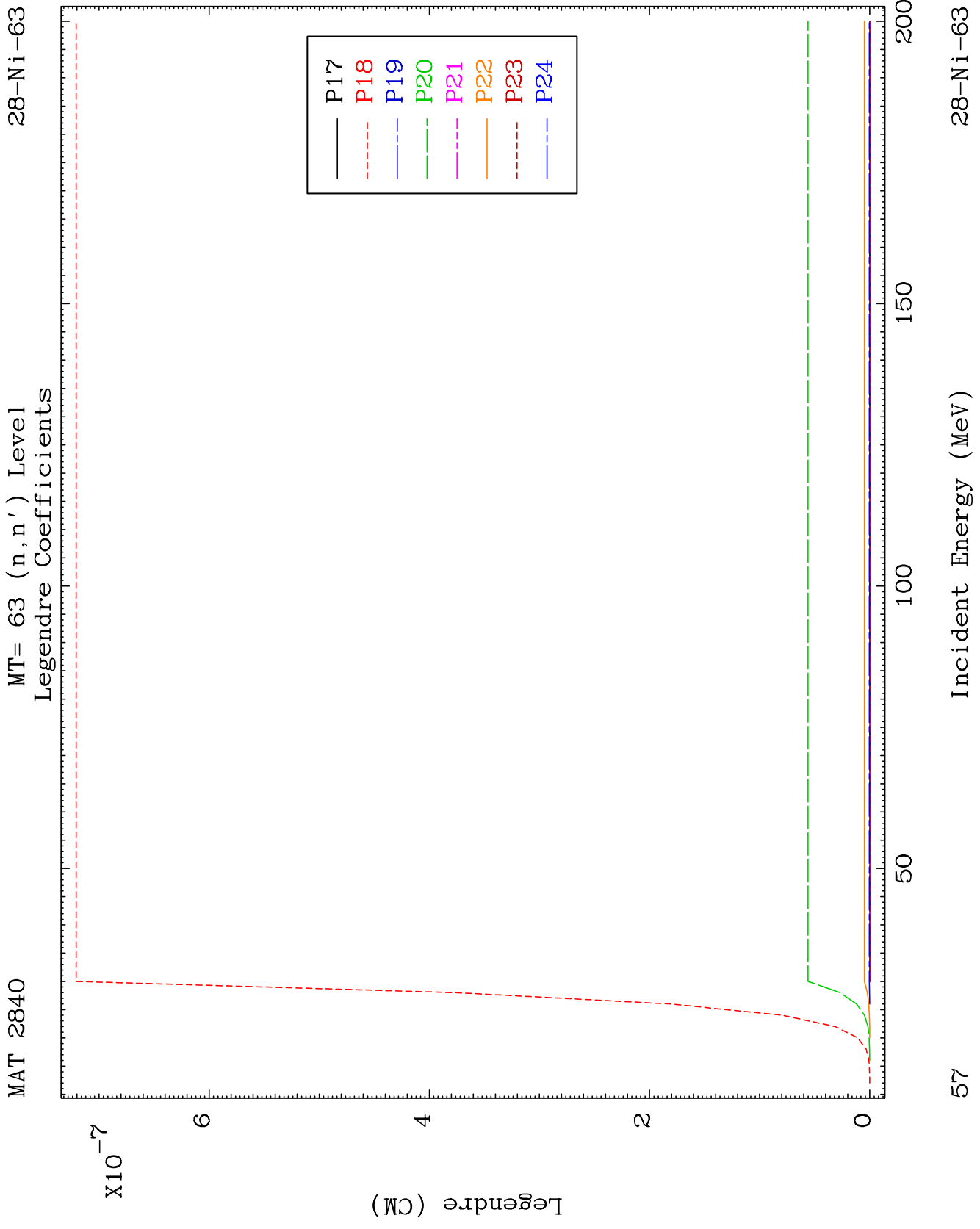
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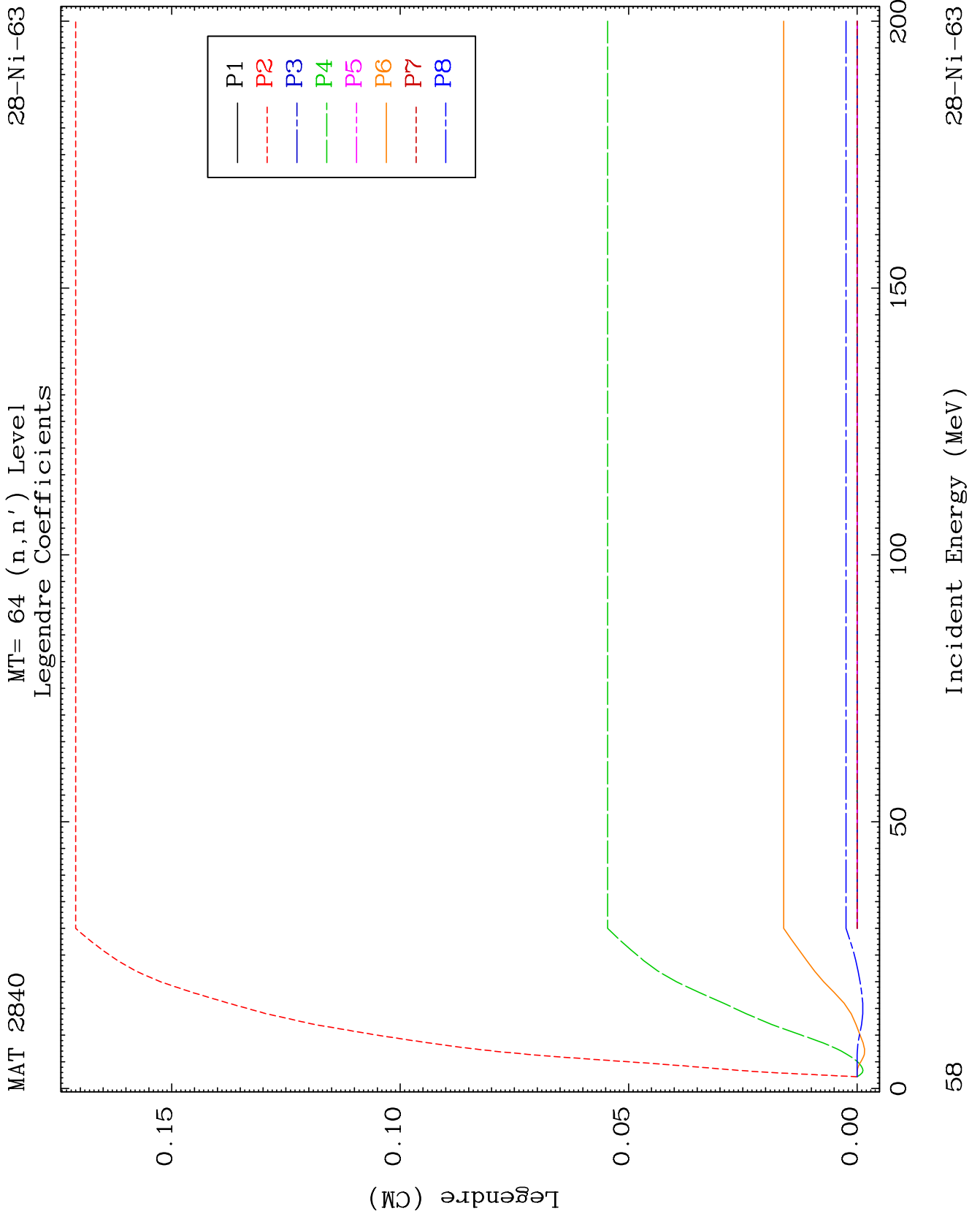
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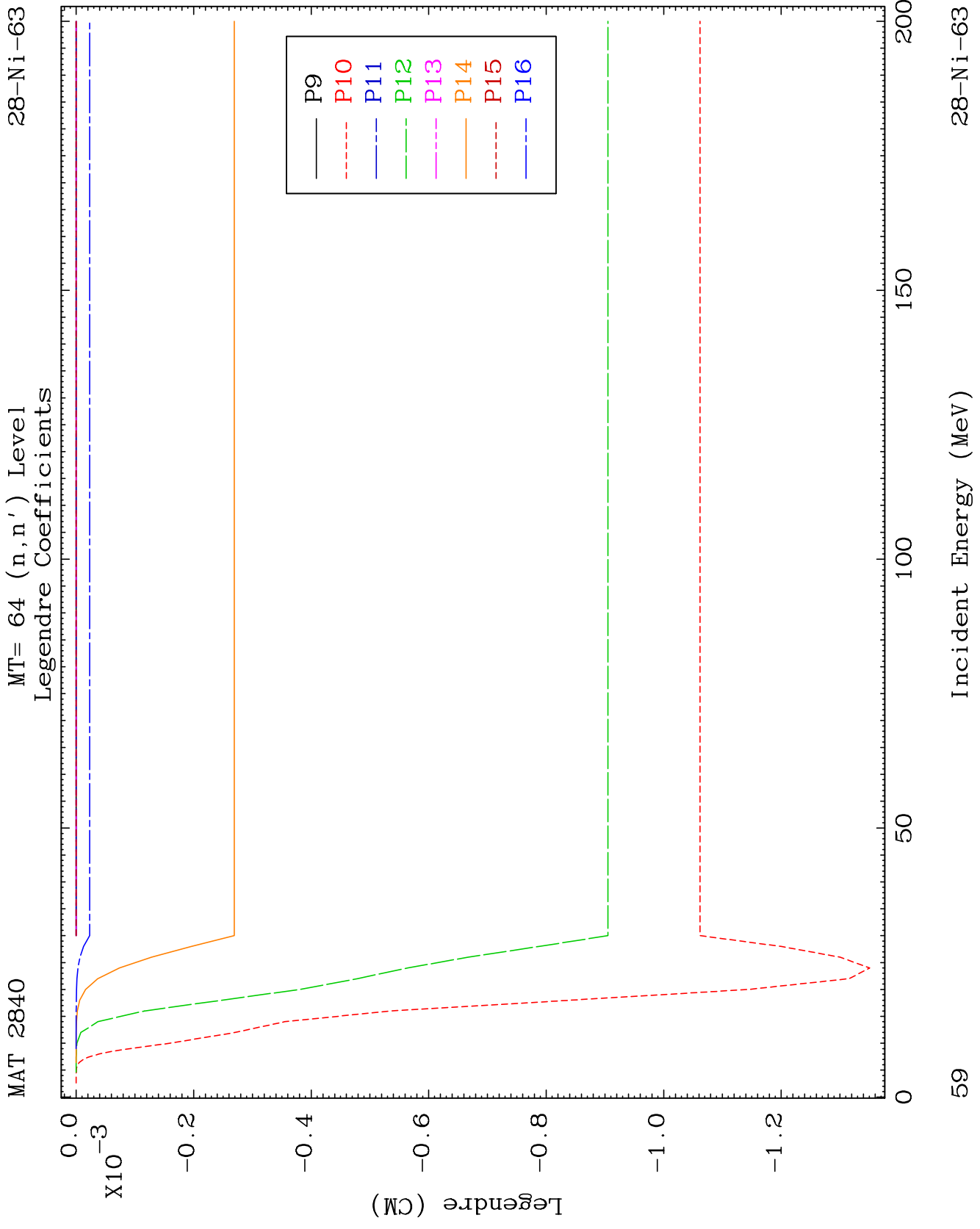


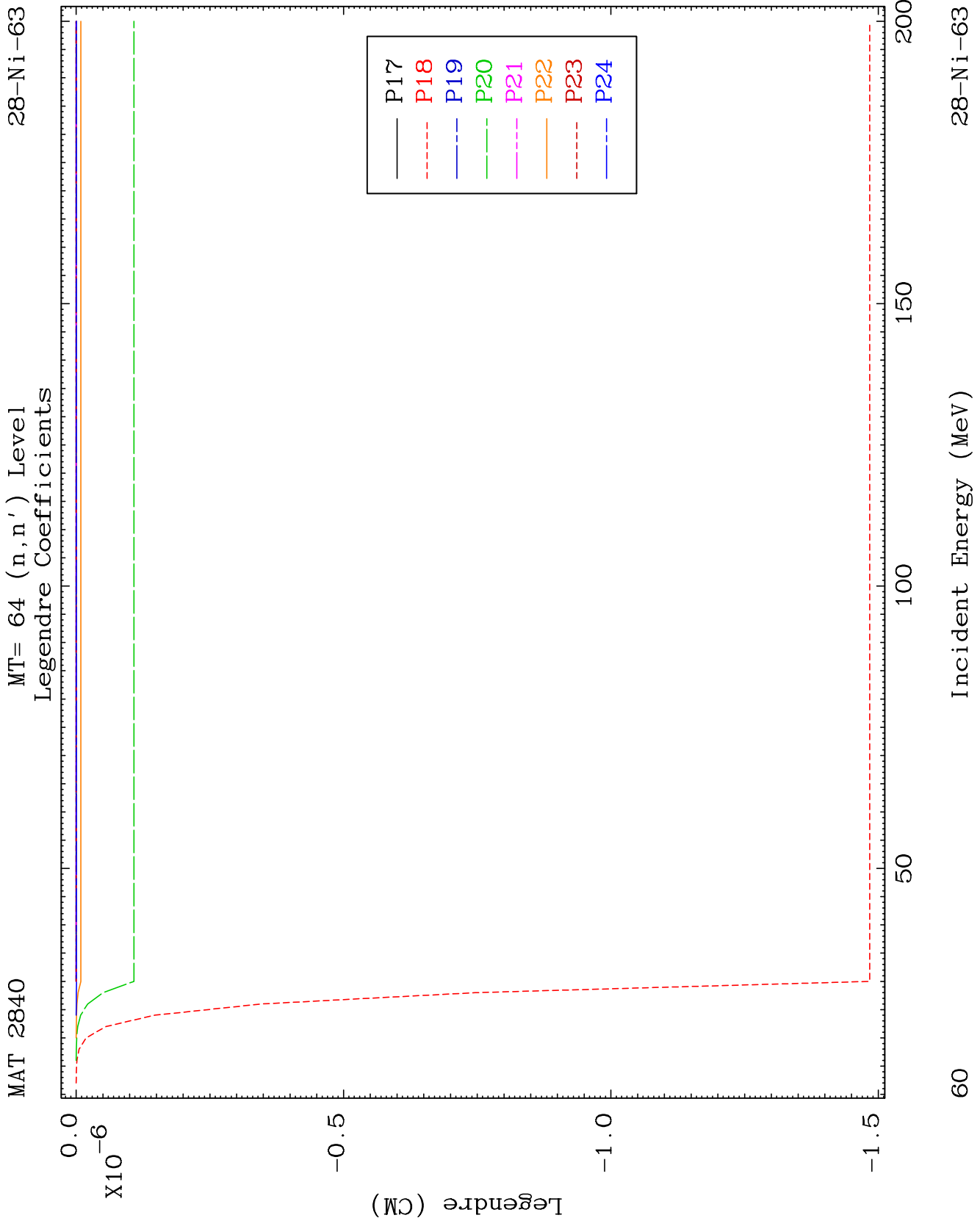


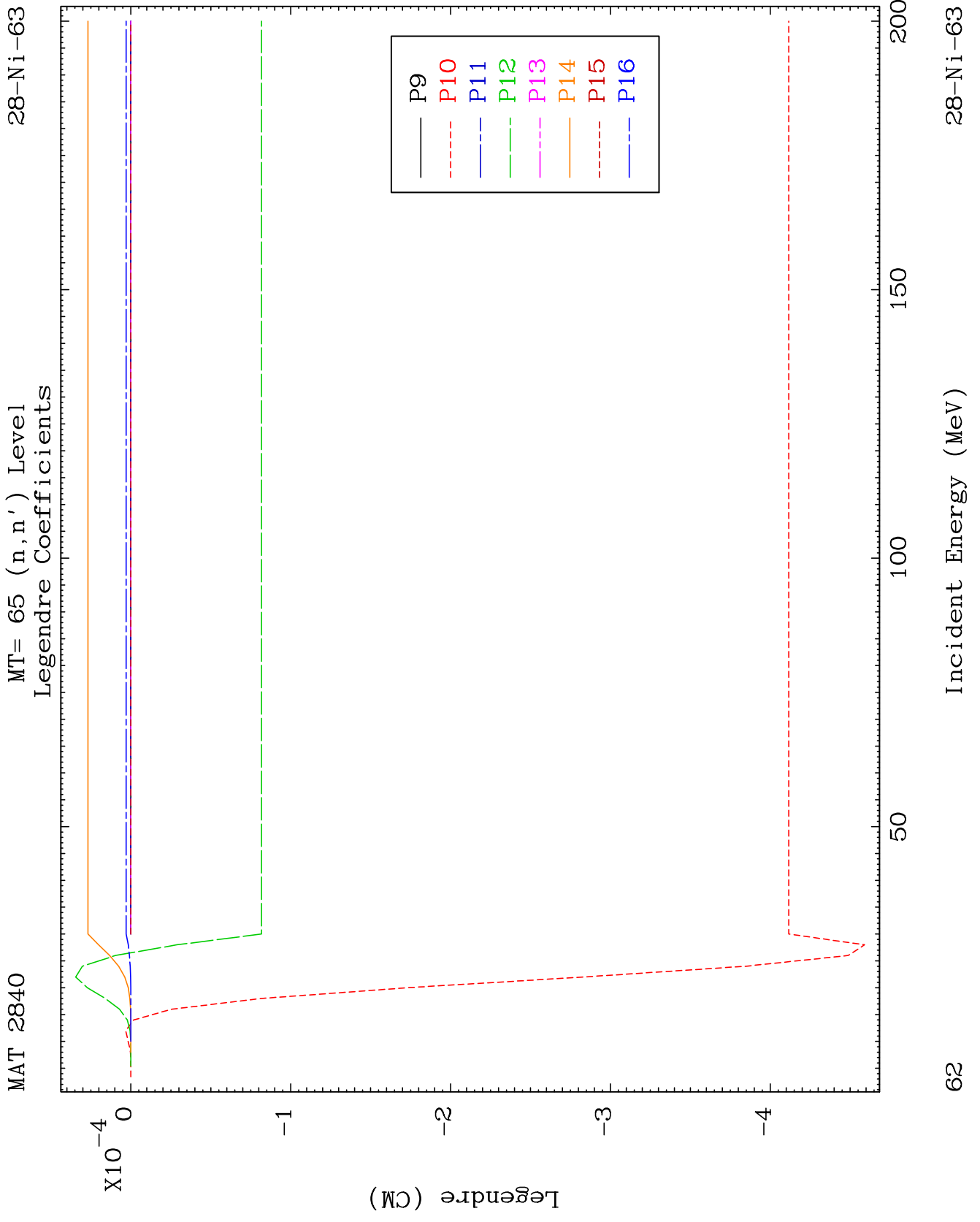


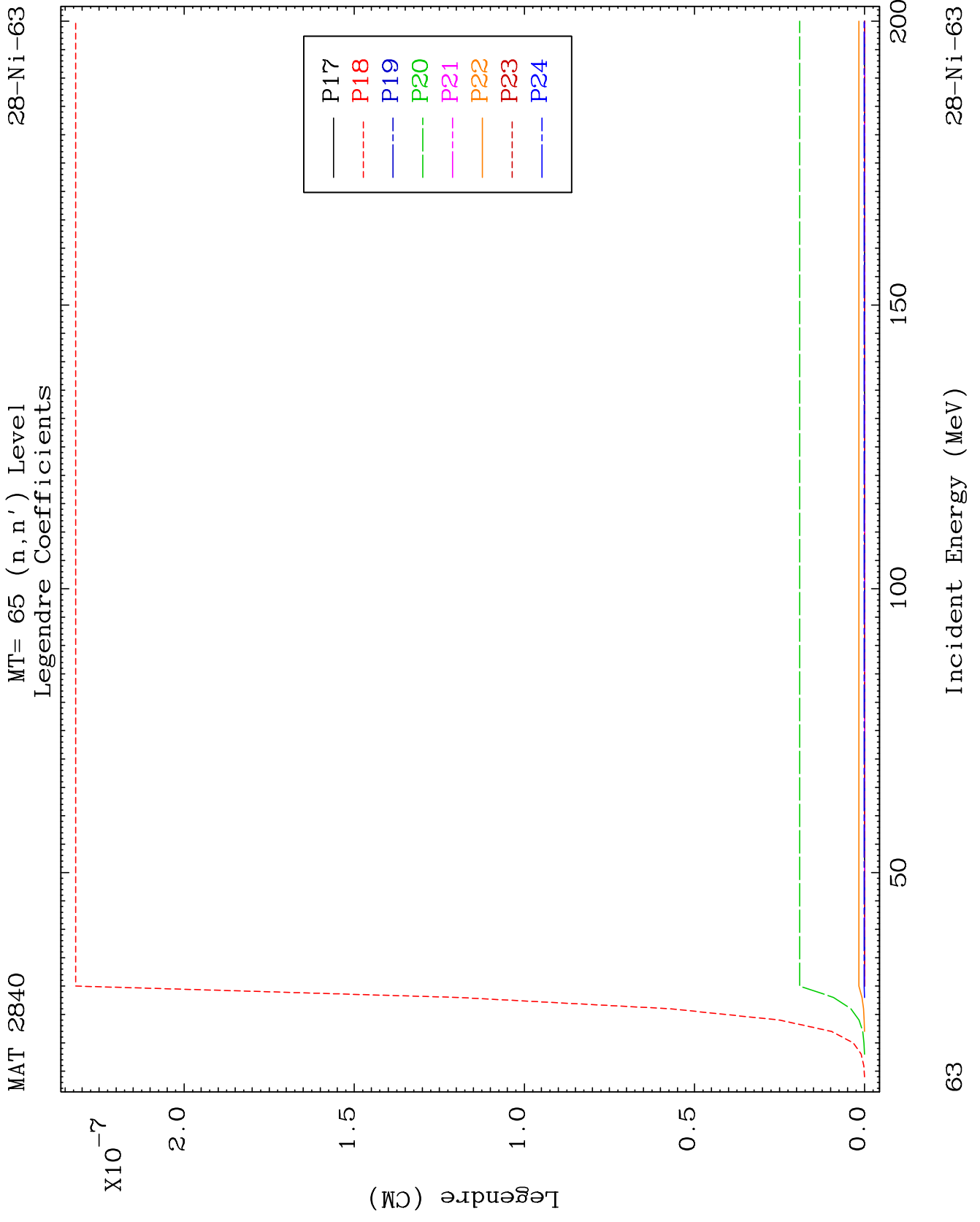


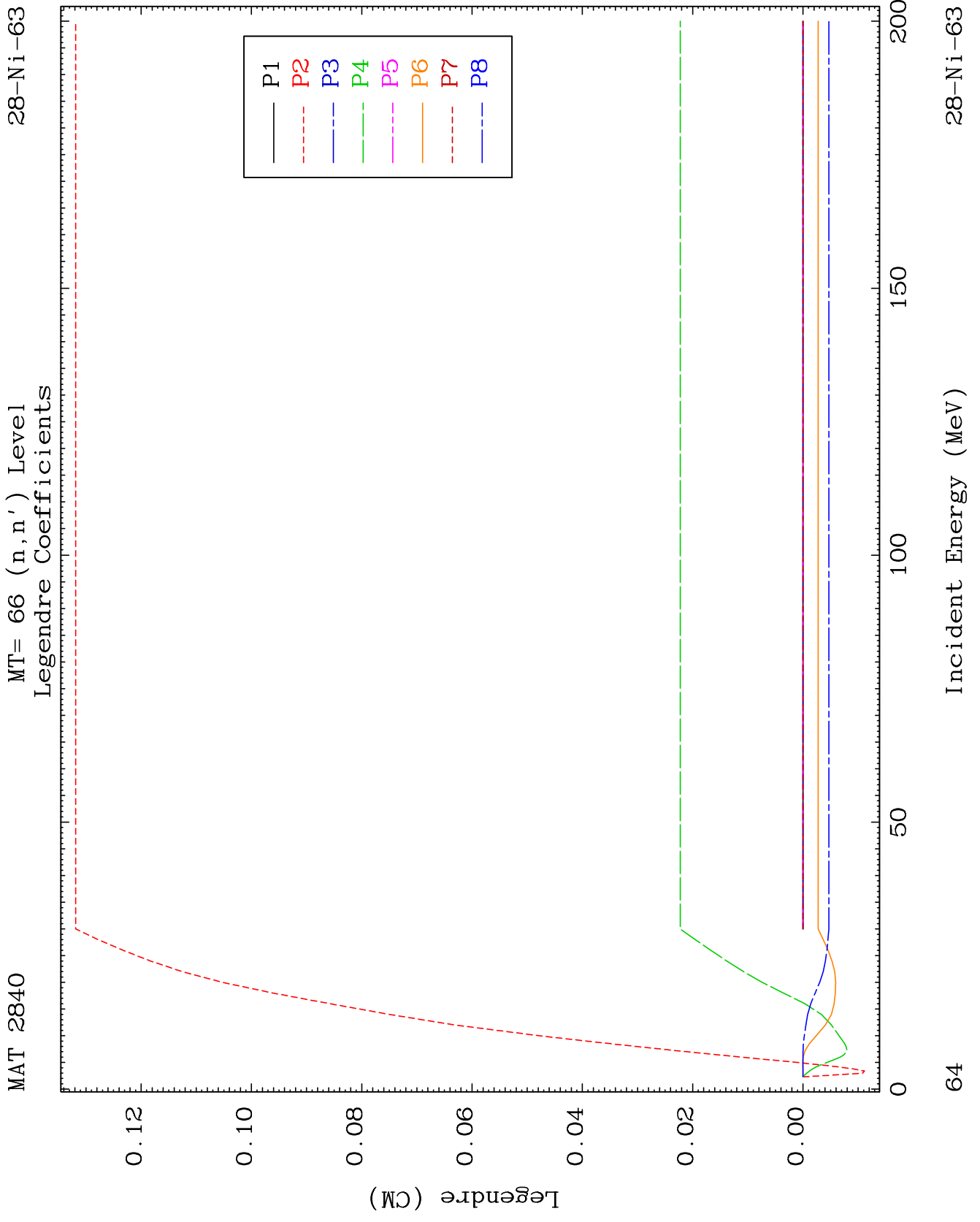


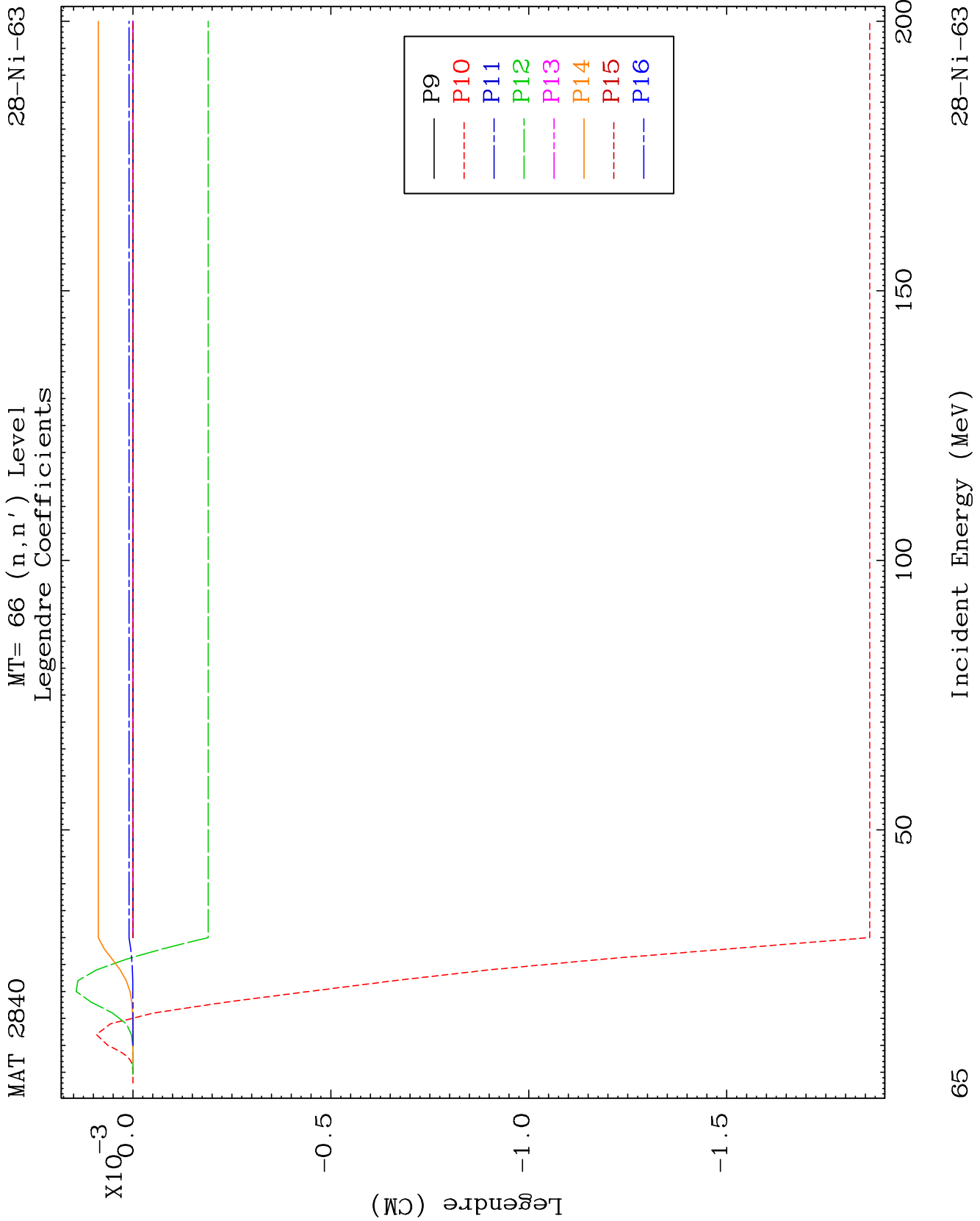


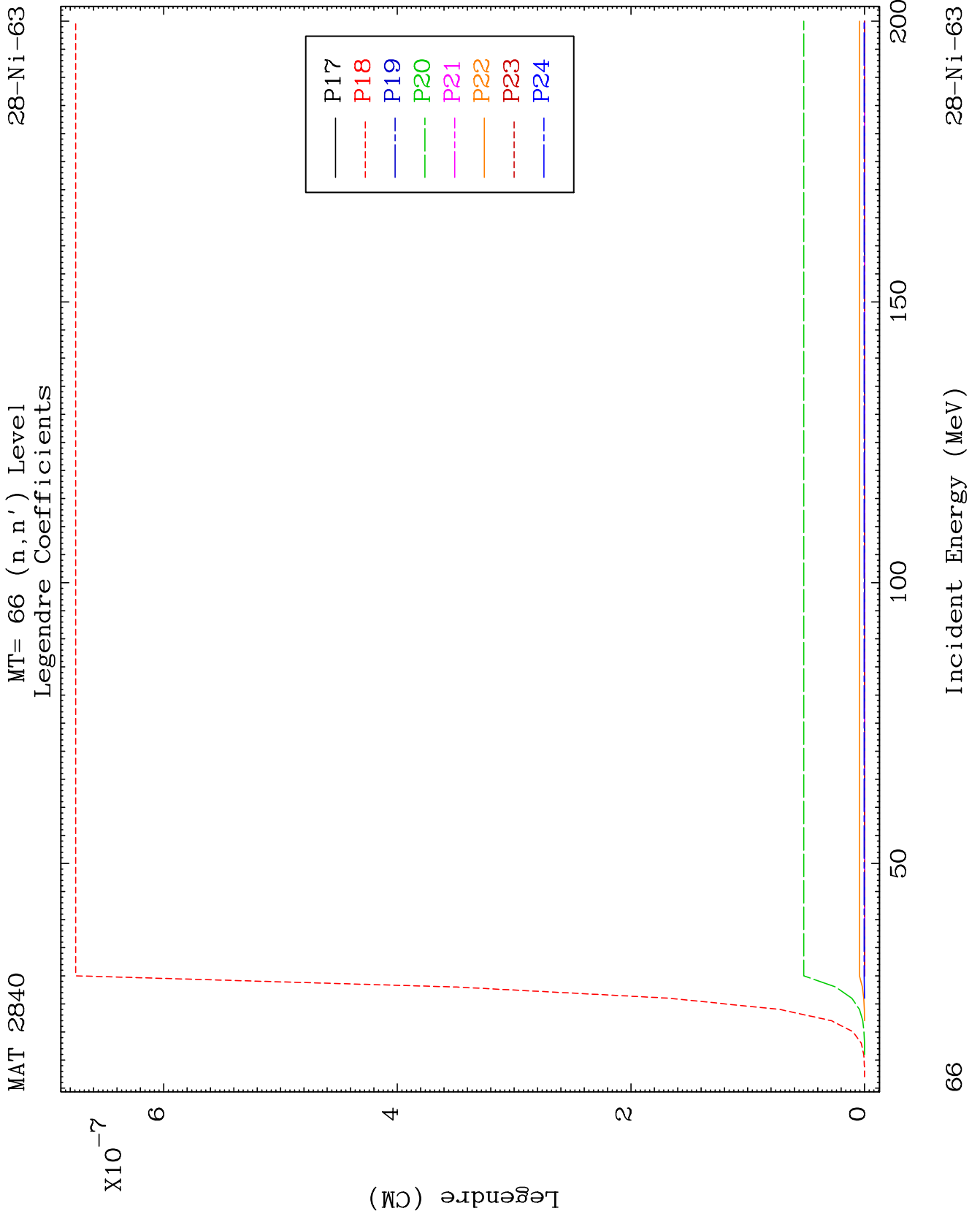








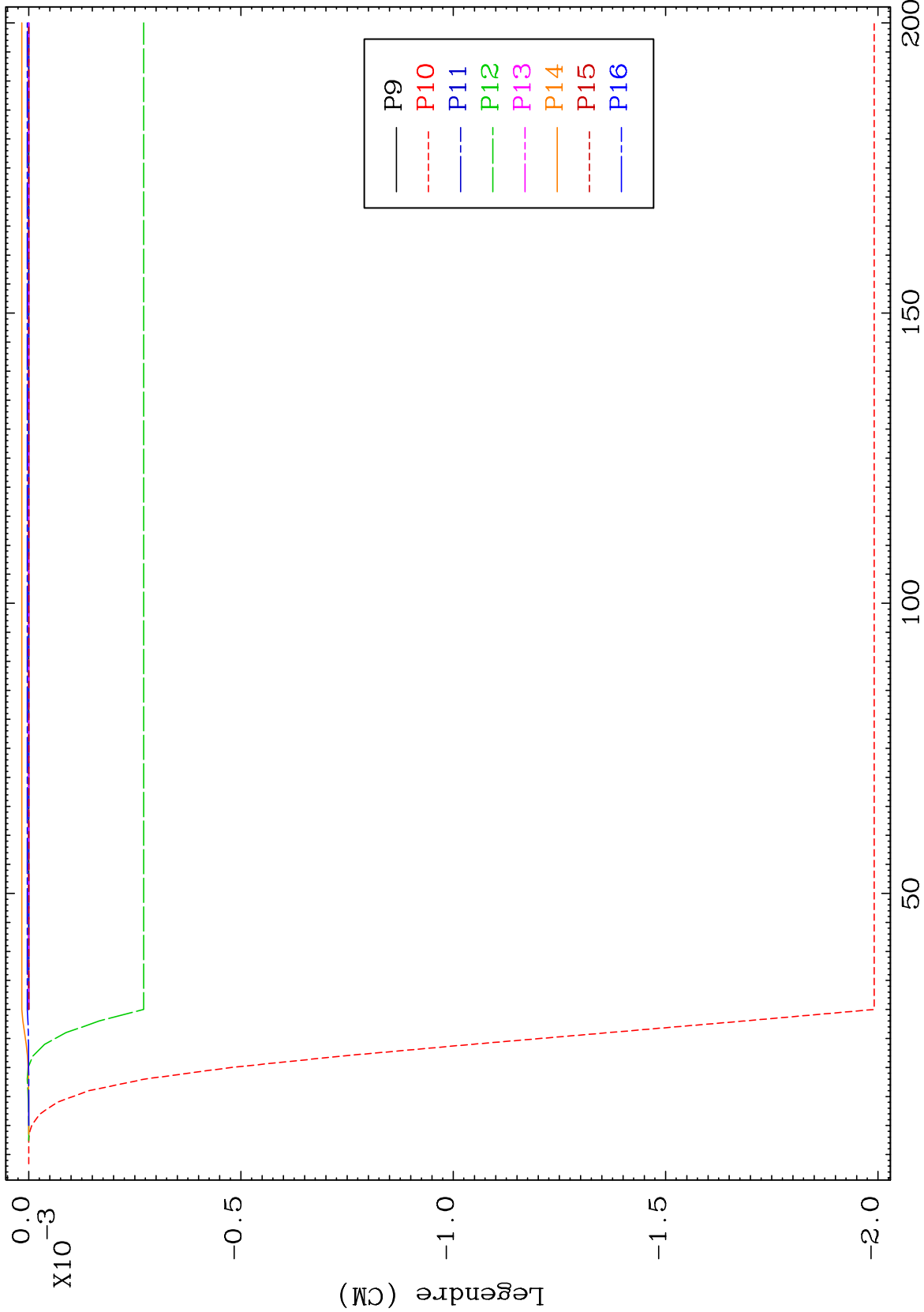




MAT 2840

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

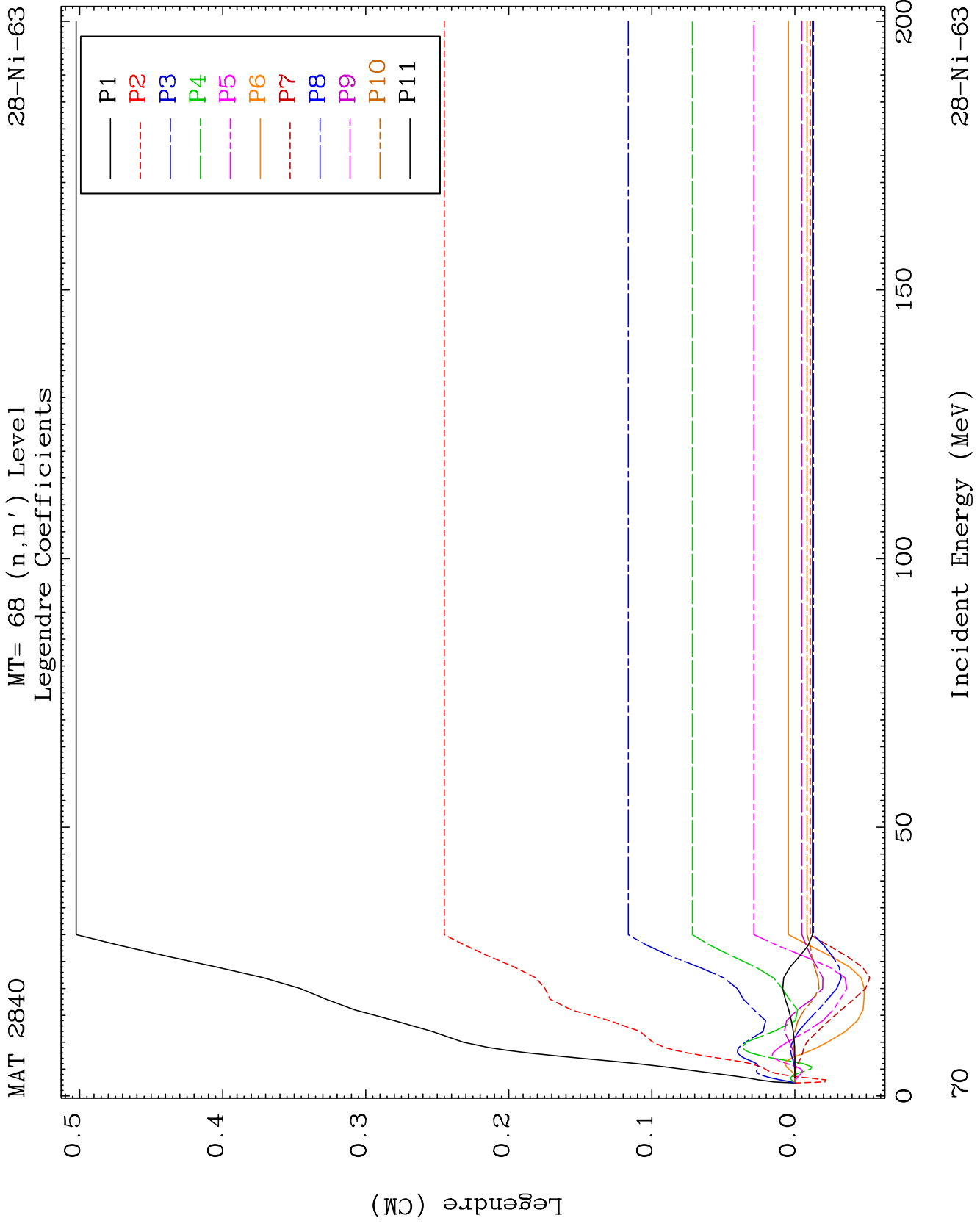
28-Ni-63



68

Incident Energy (MeV)

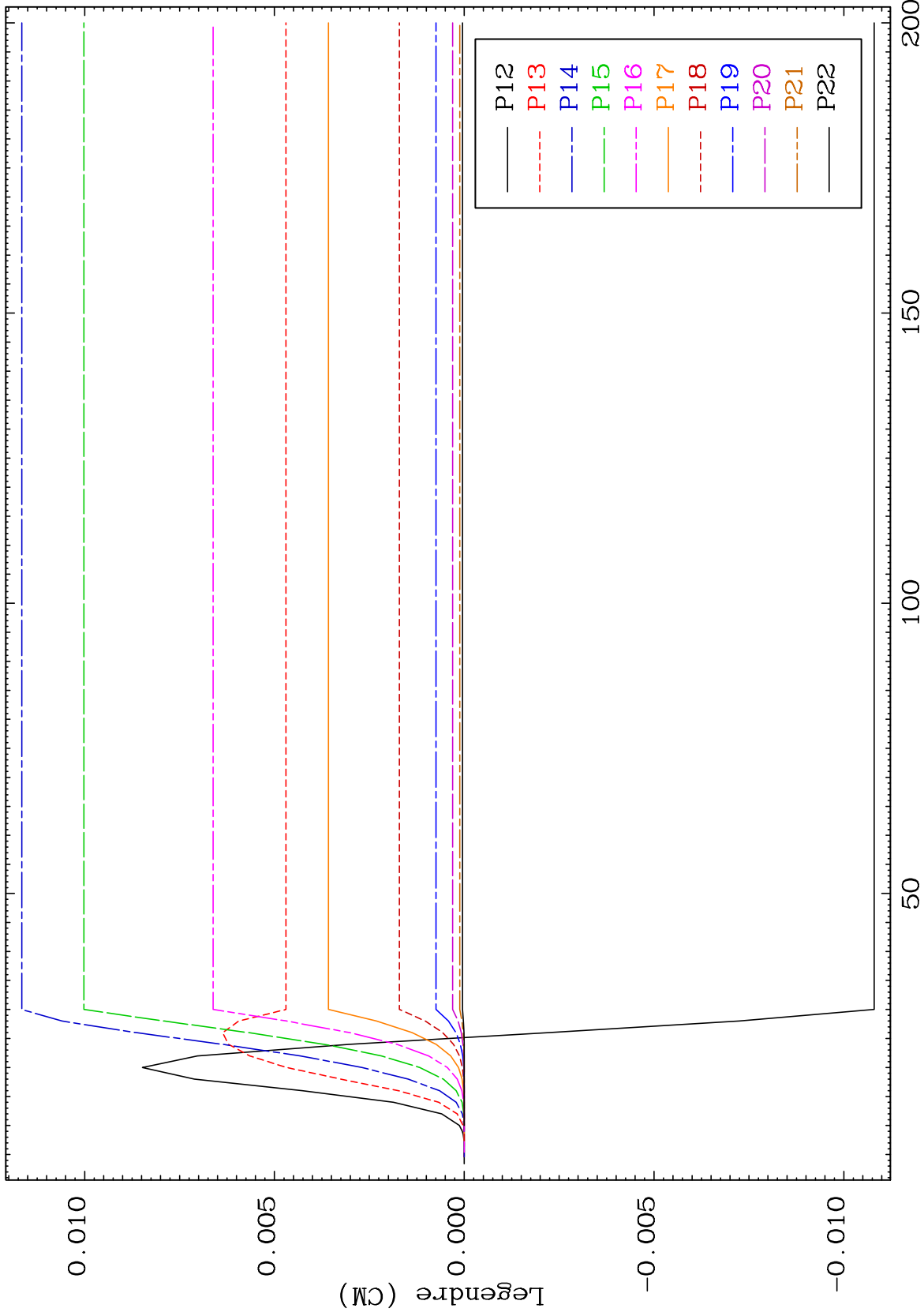
28-Ni-63



MAT 2840

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

28-Ni-63



71

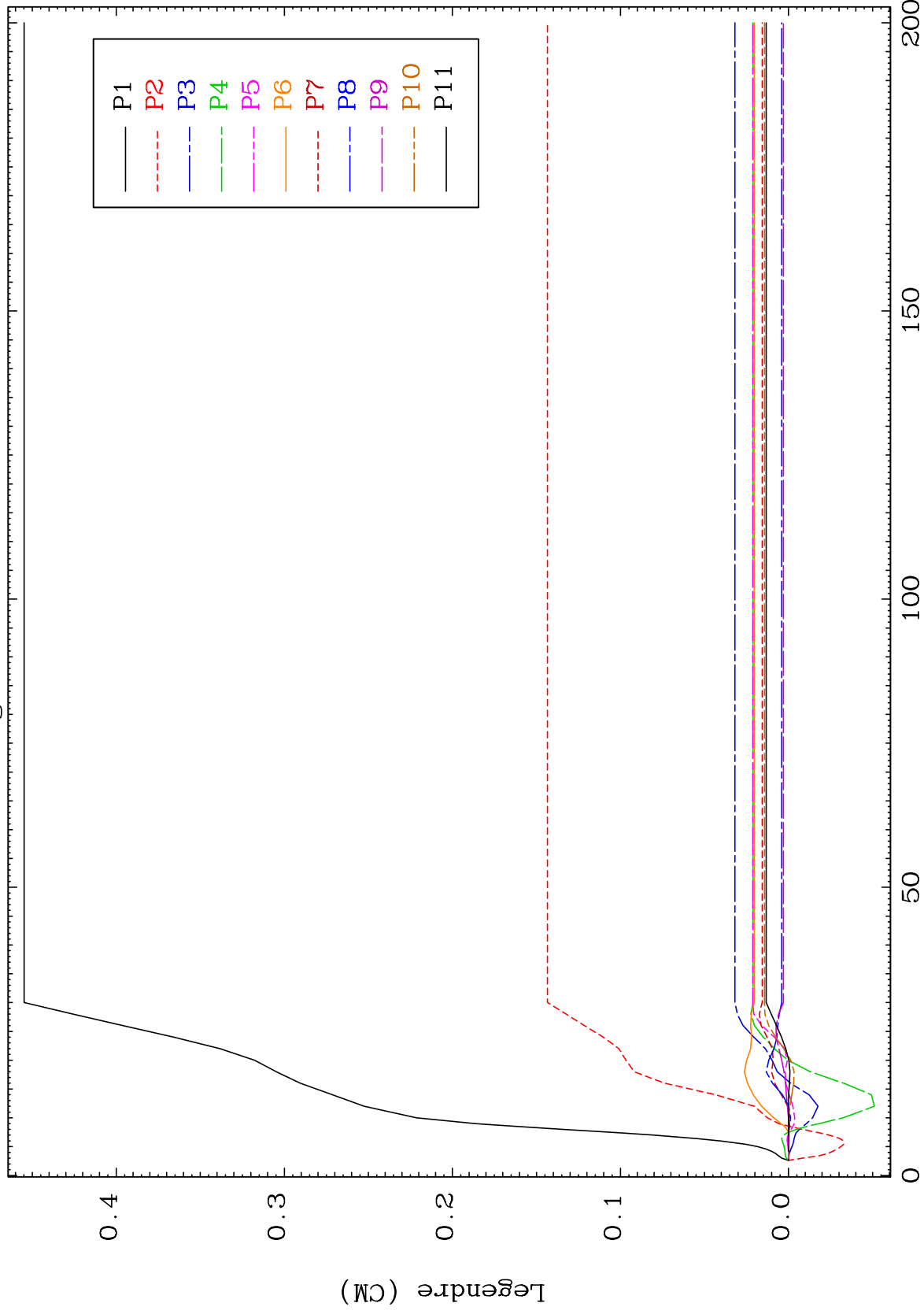
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63



73

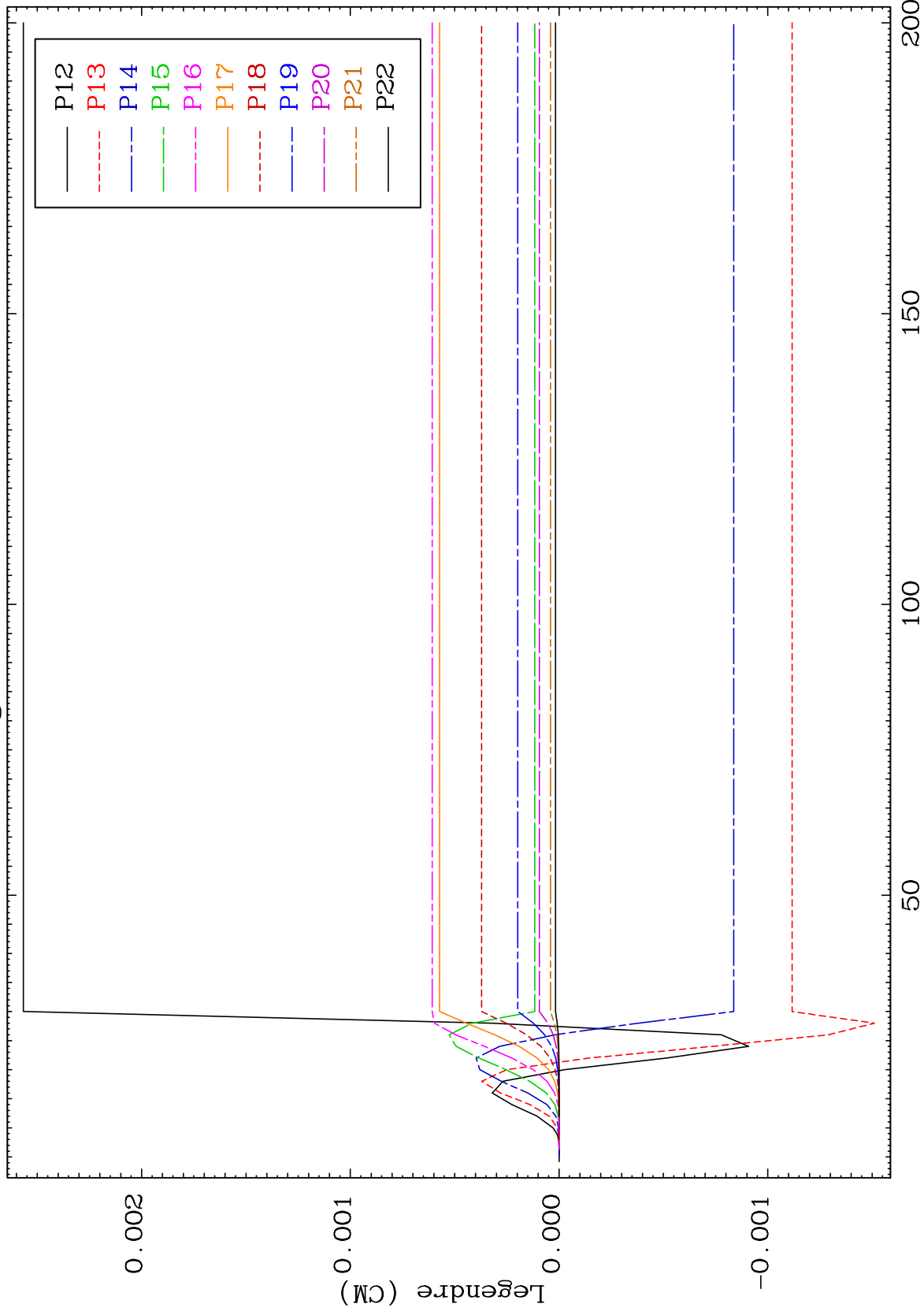
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63



74

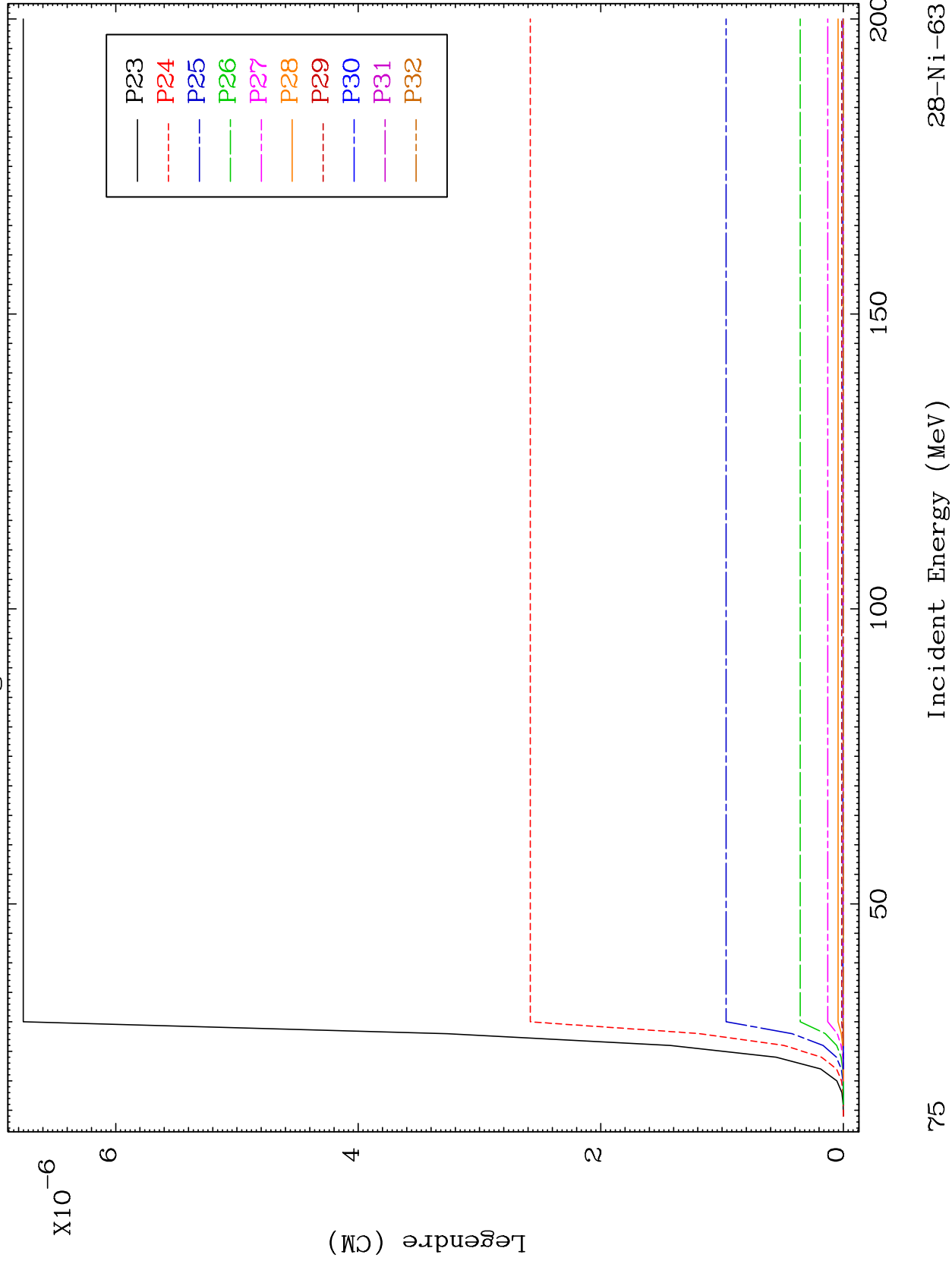
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63



75

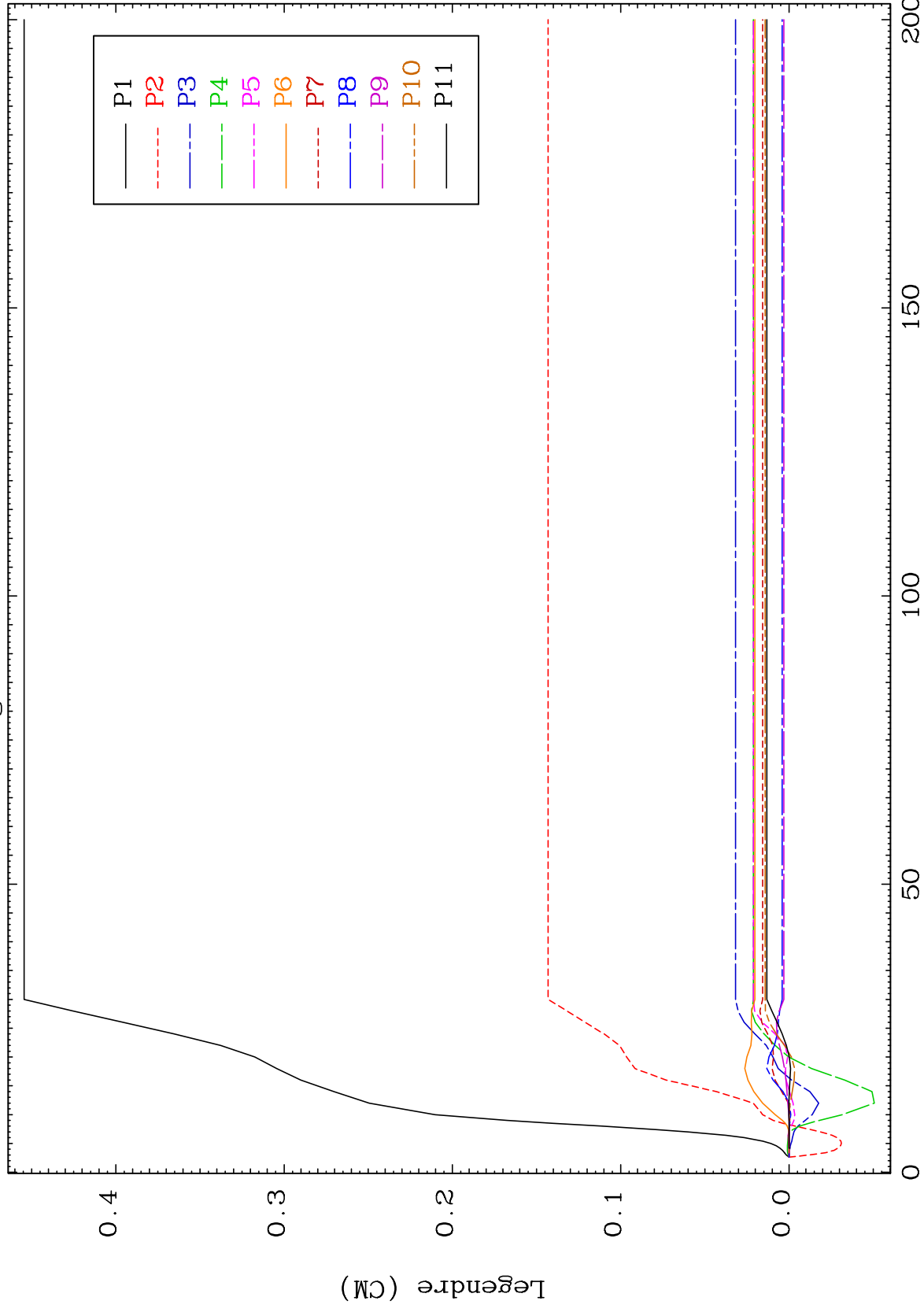
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63



76

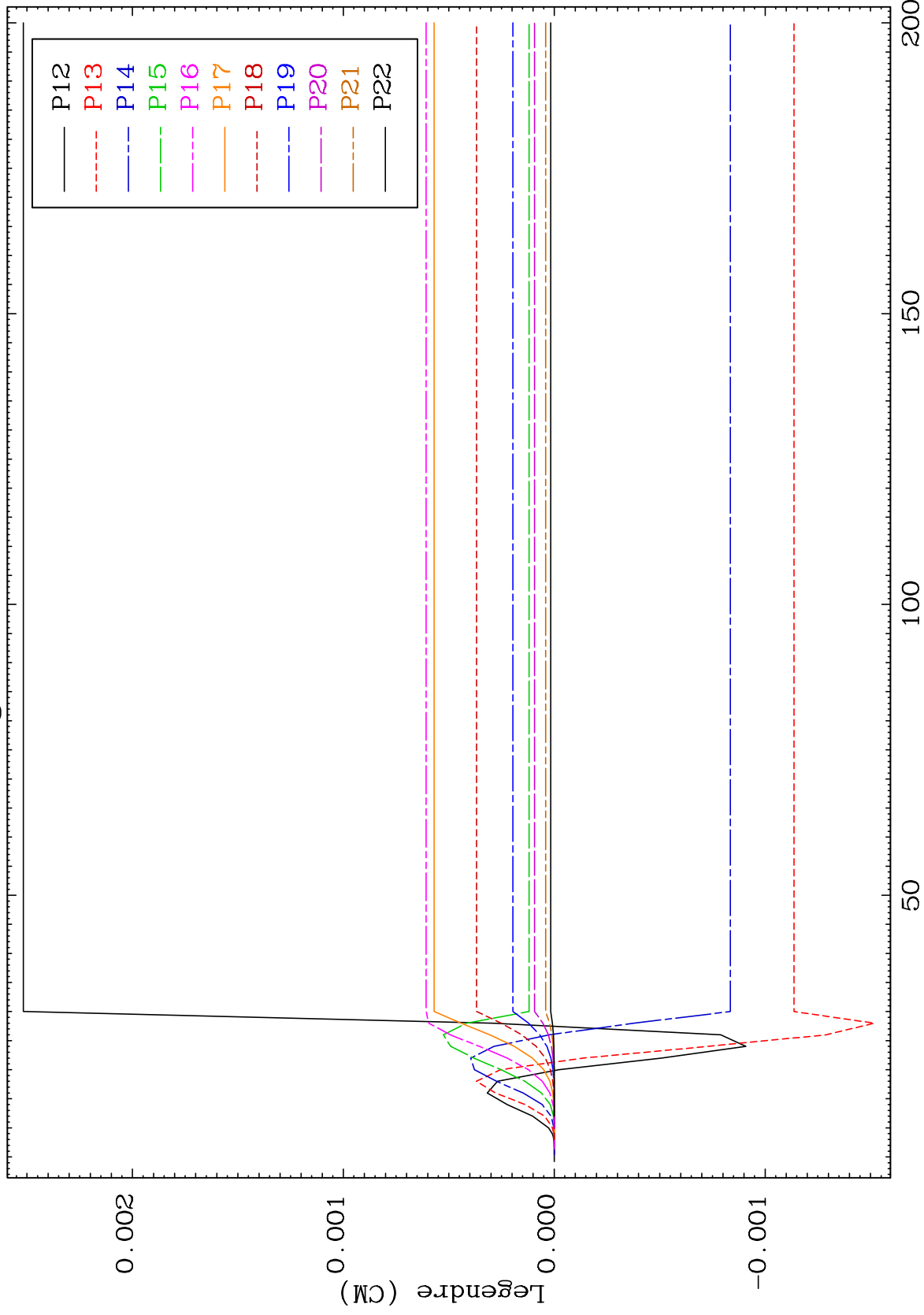
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63



77

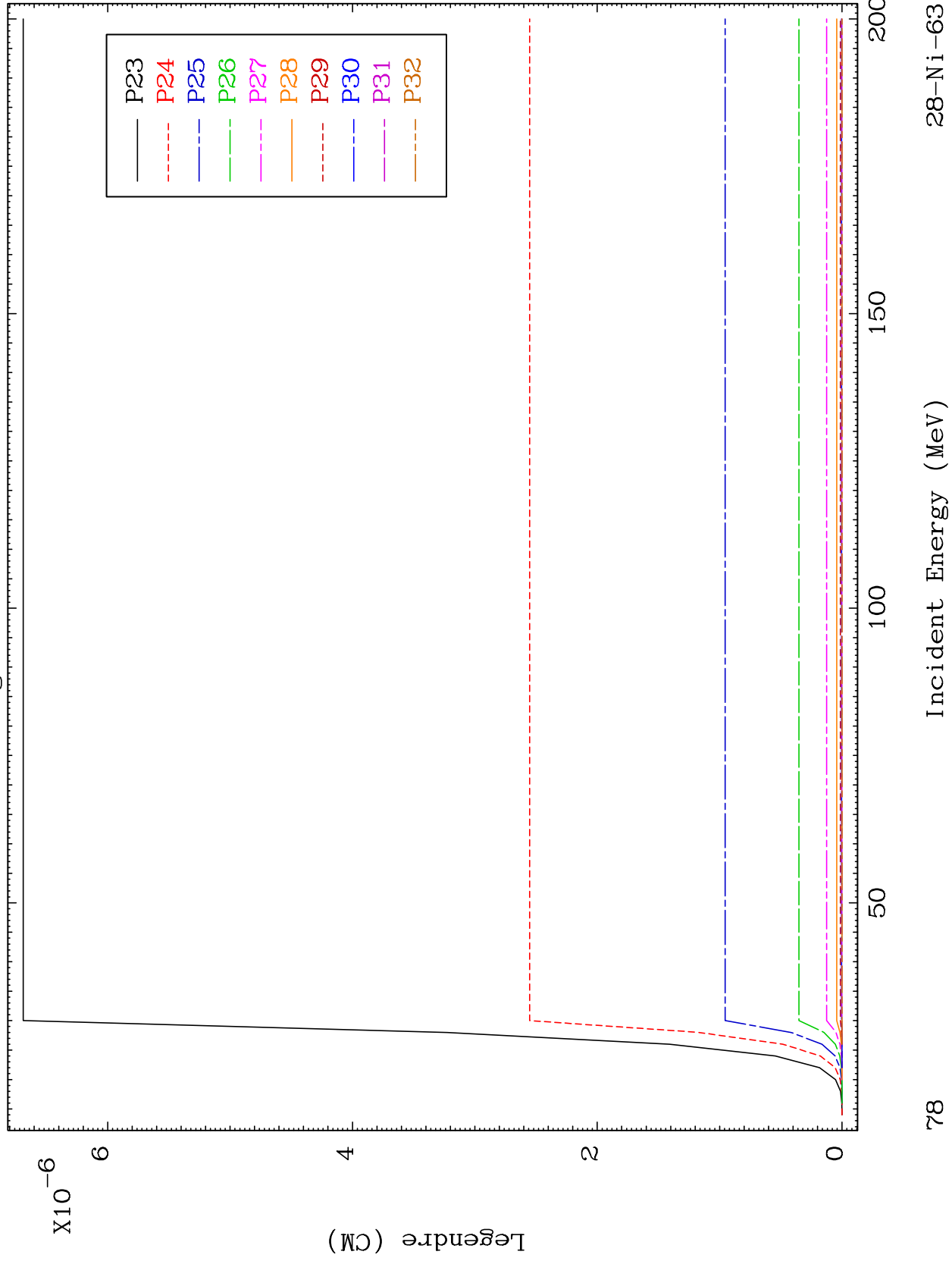
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

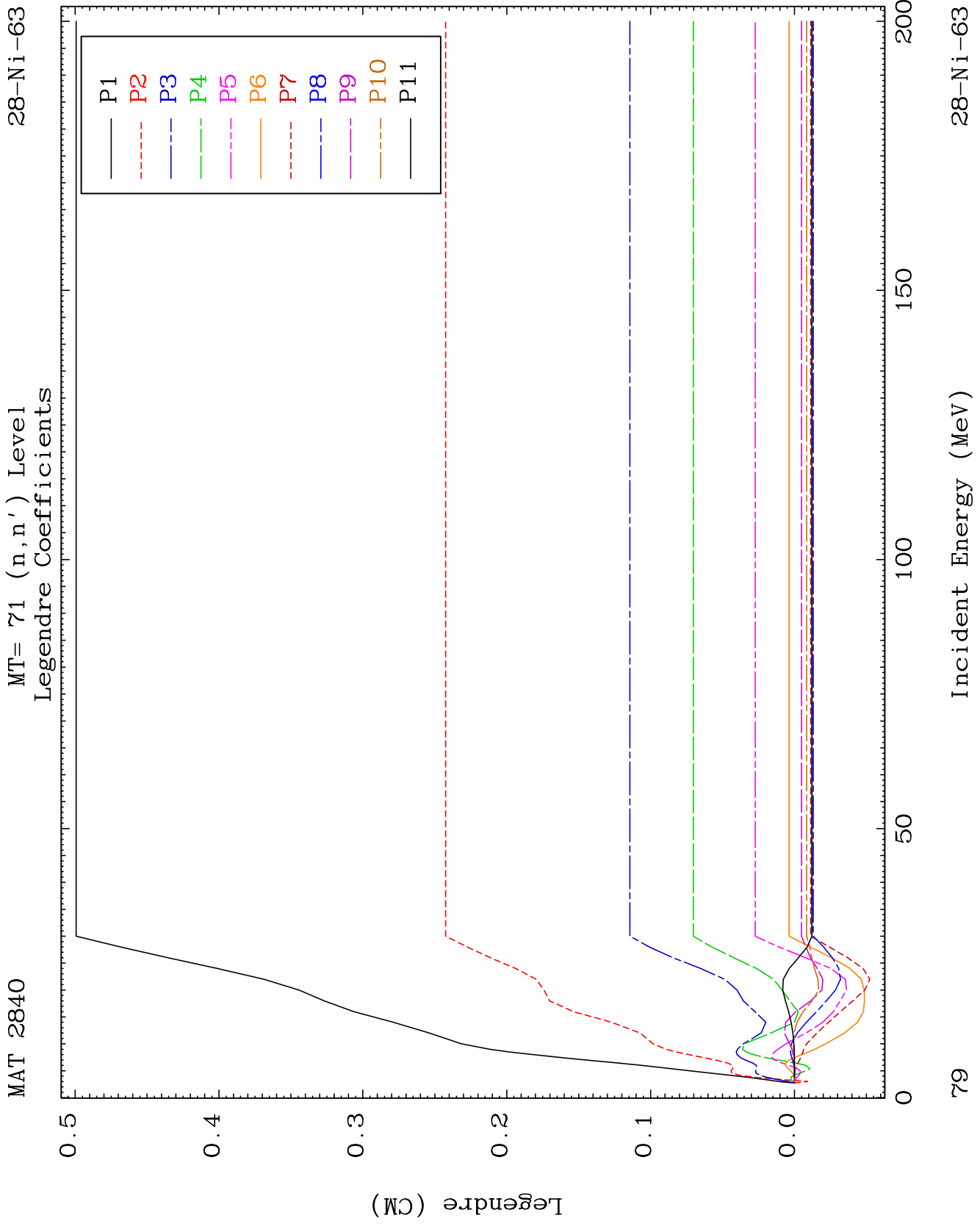
28-Ni-63



78

Incident Energy (MeV)

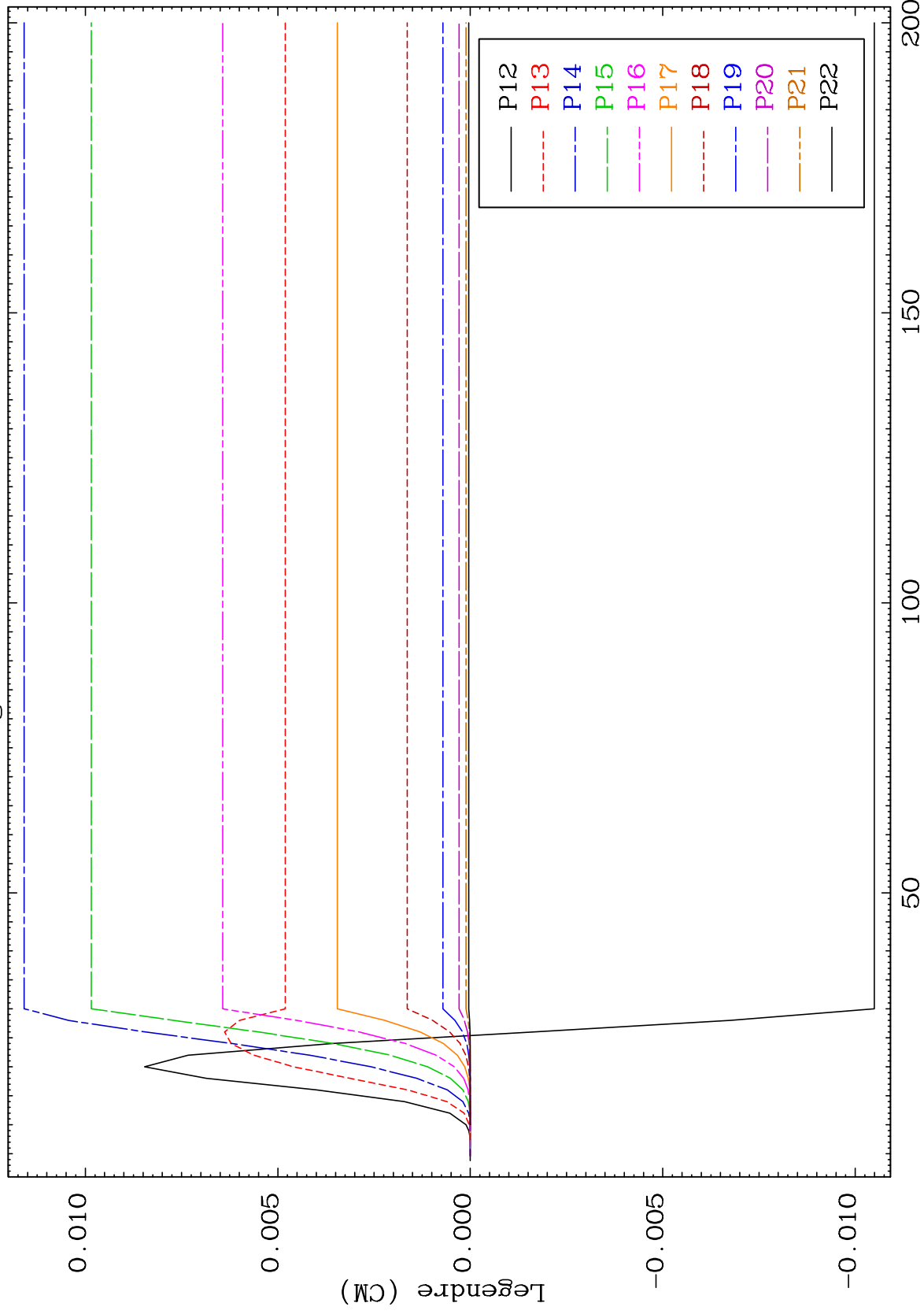
28-Ni-63



MAT 2840

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

28-Ni-63



80

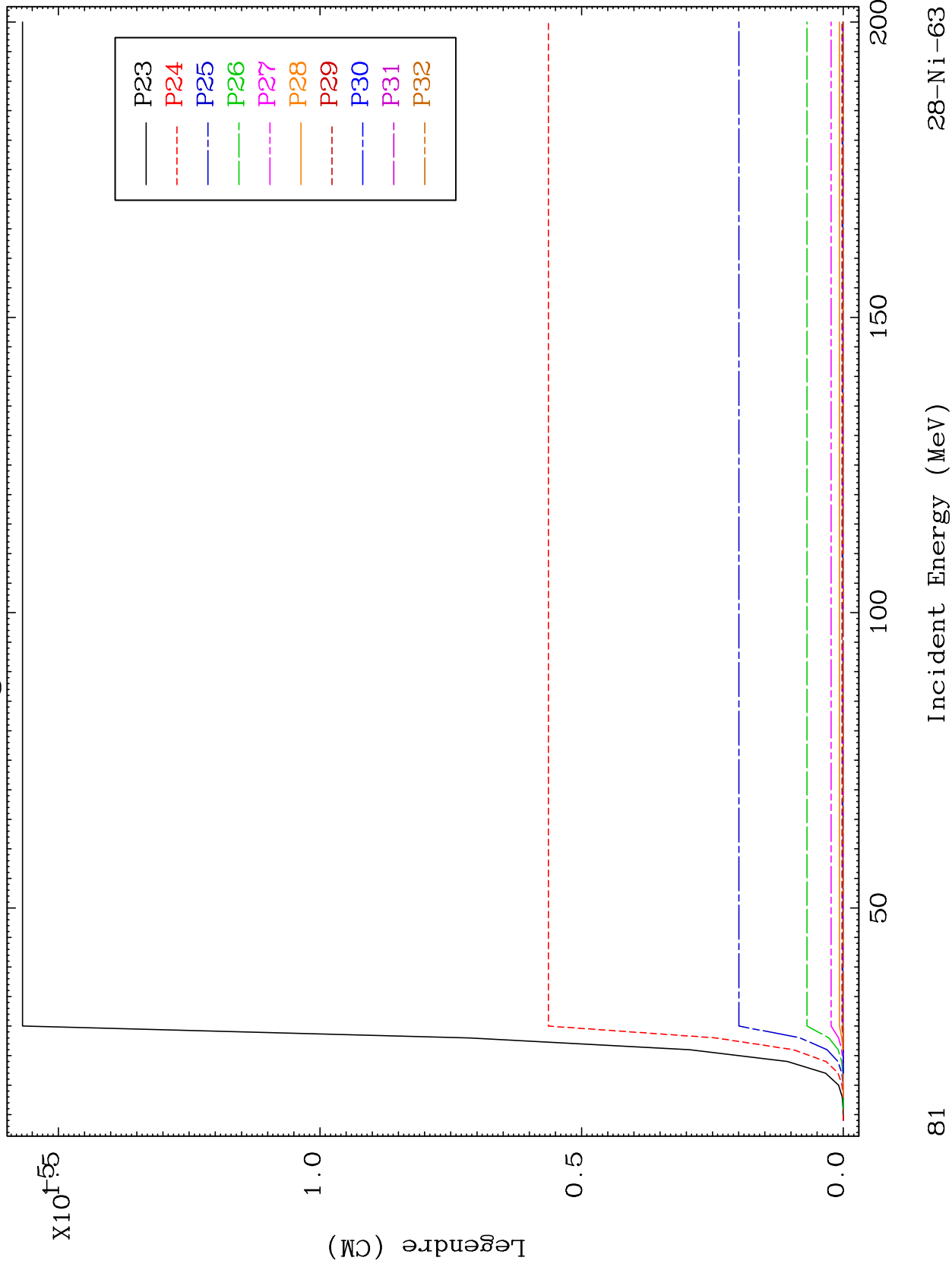
Incident Energy (MeV)

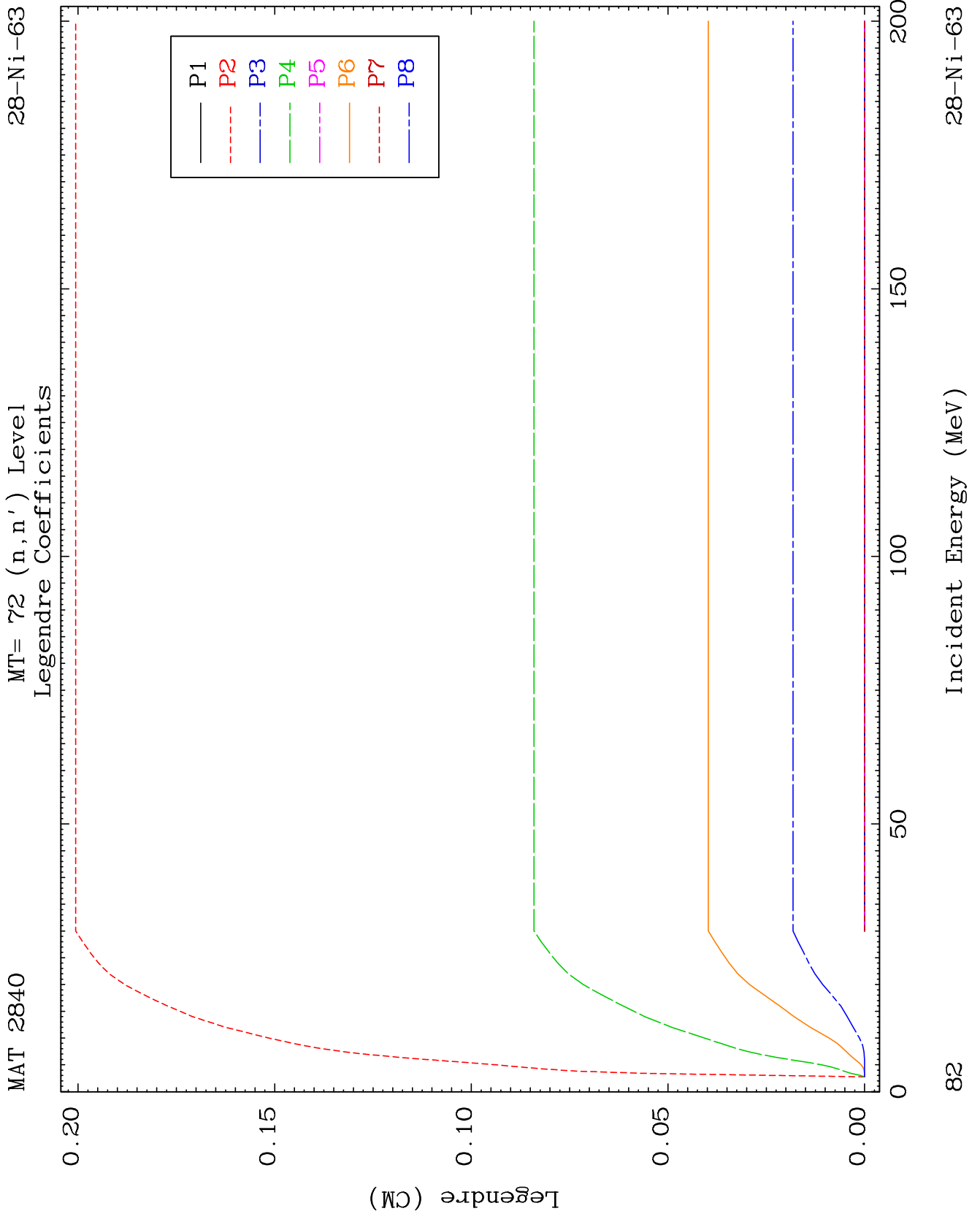
28-Ni-63

MAT 2840

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

28-Ni-63

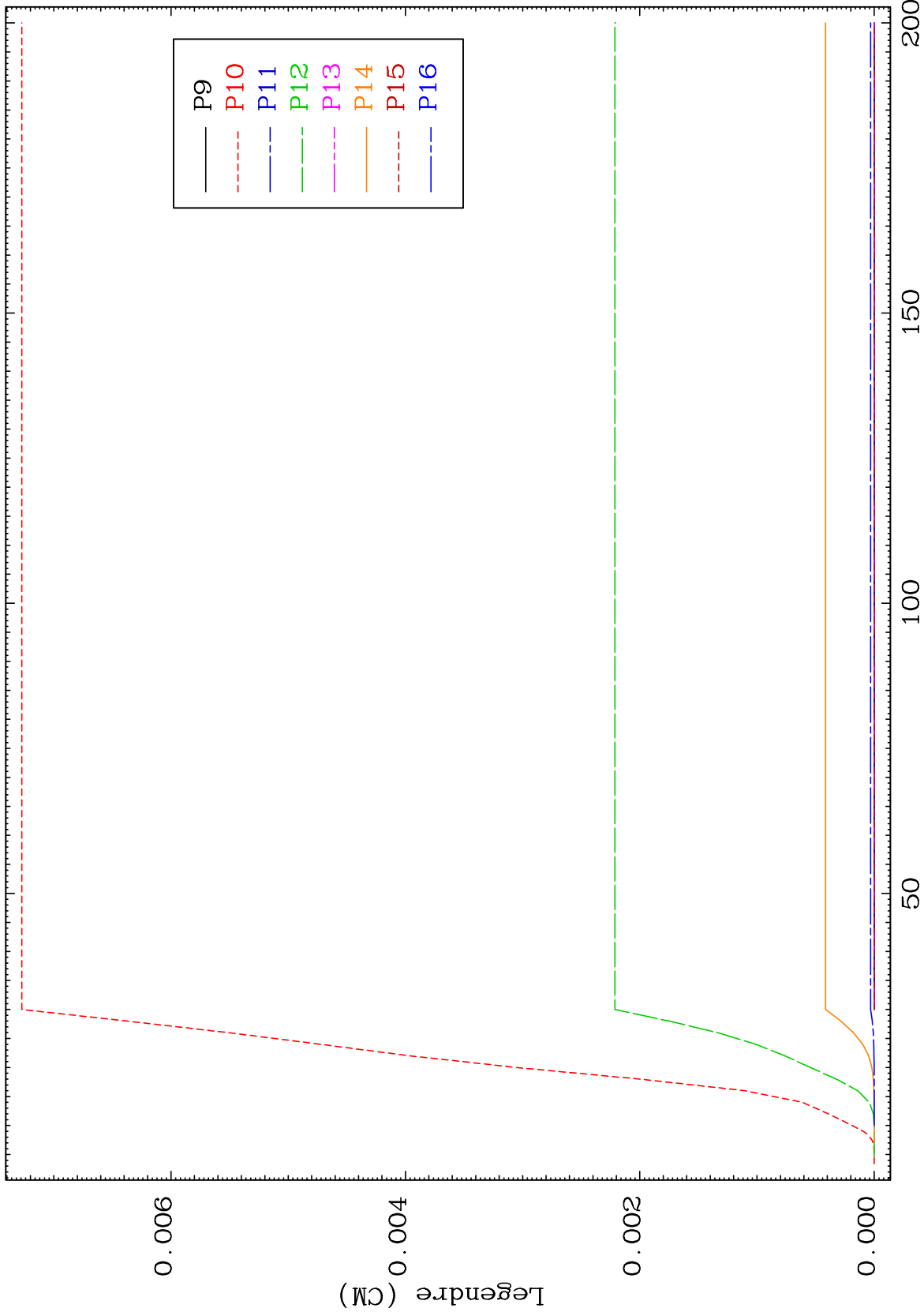




MAT 2840

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

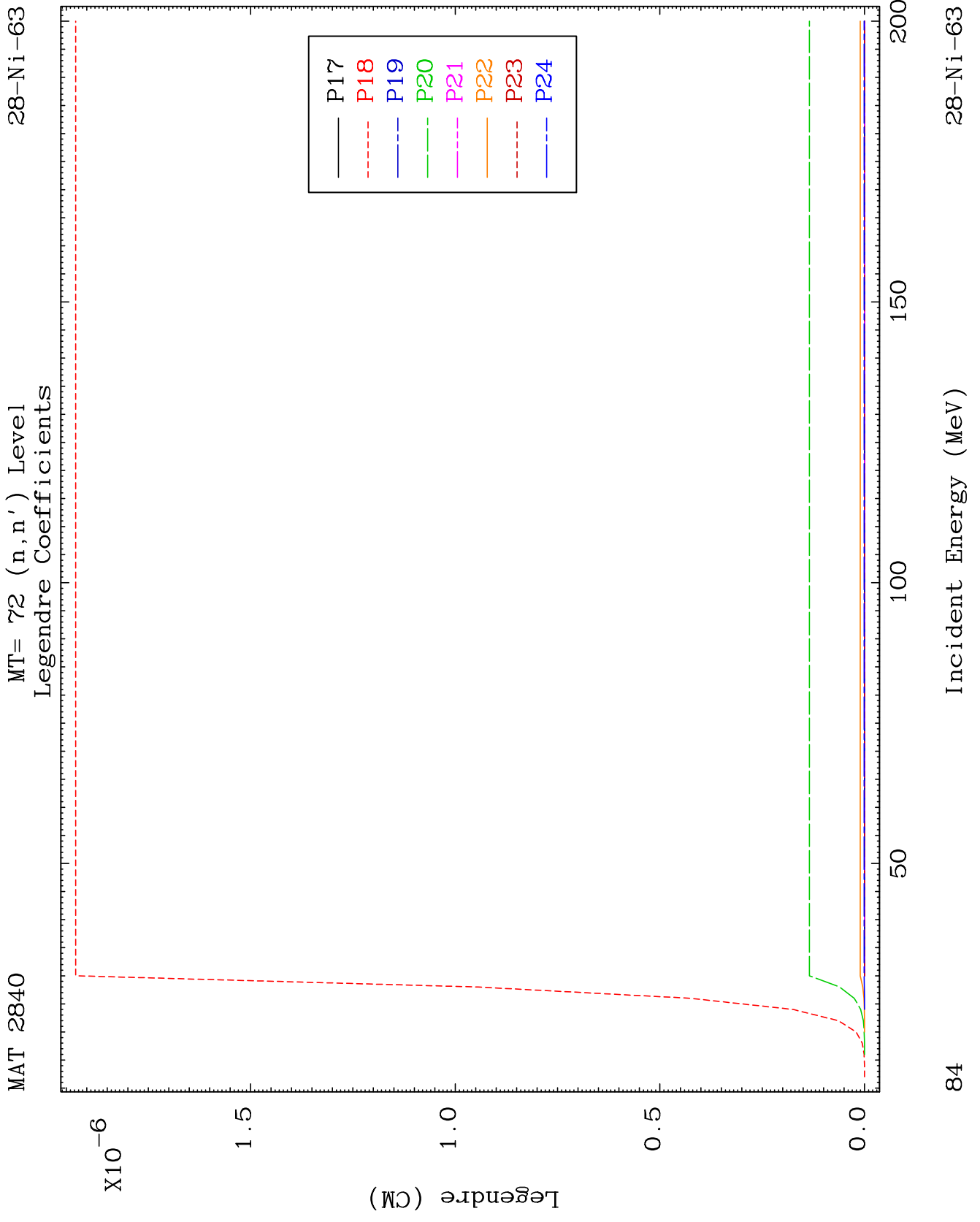
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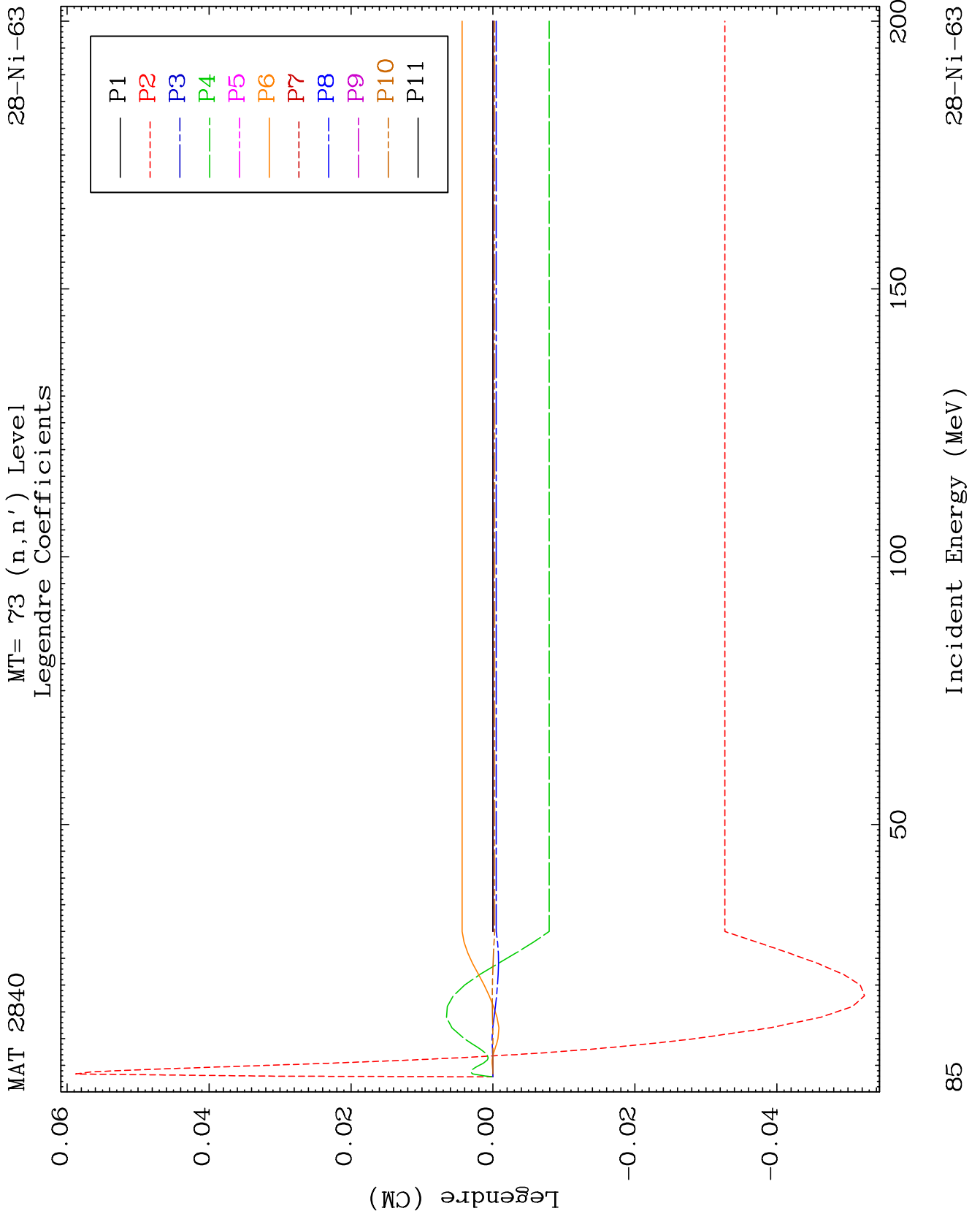


83

Incident Energy (MeV)

28-Ni-63

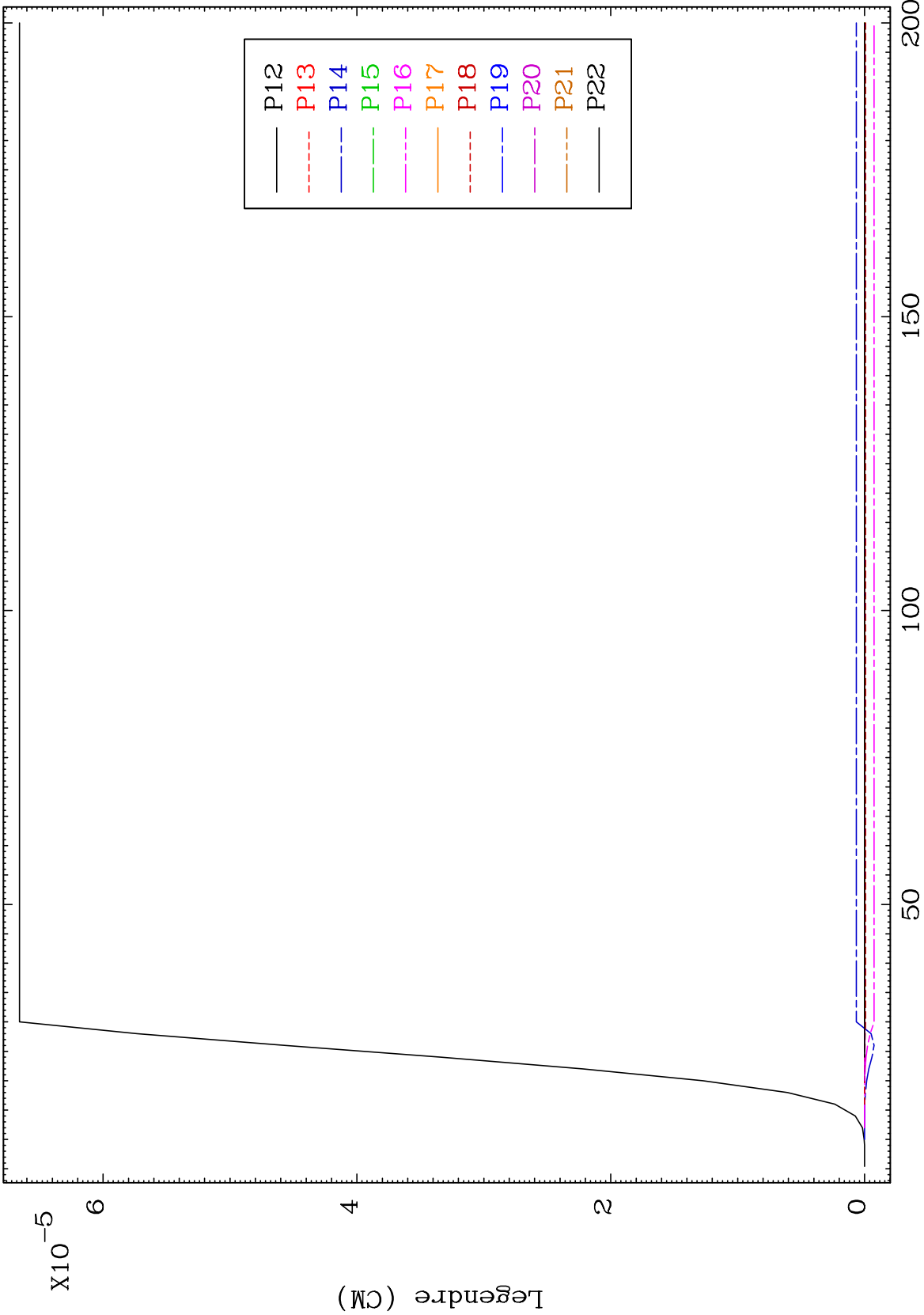




MAT 2840

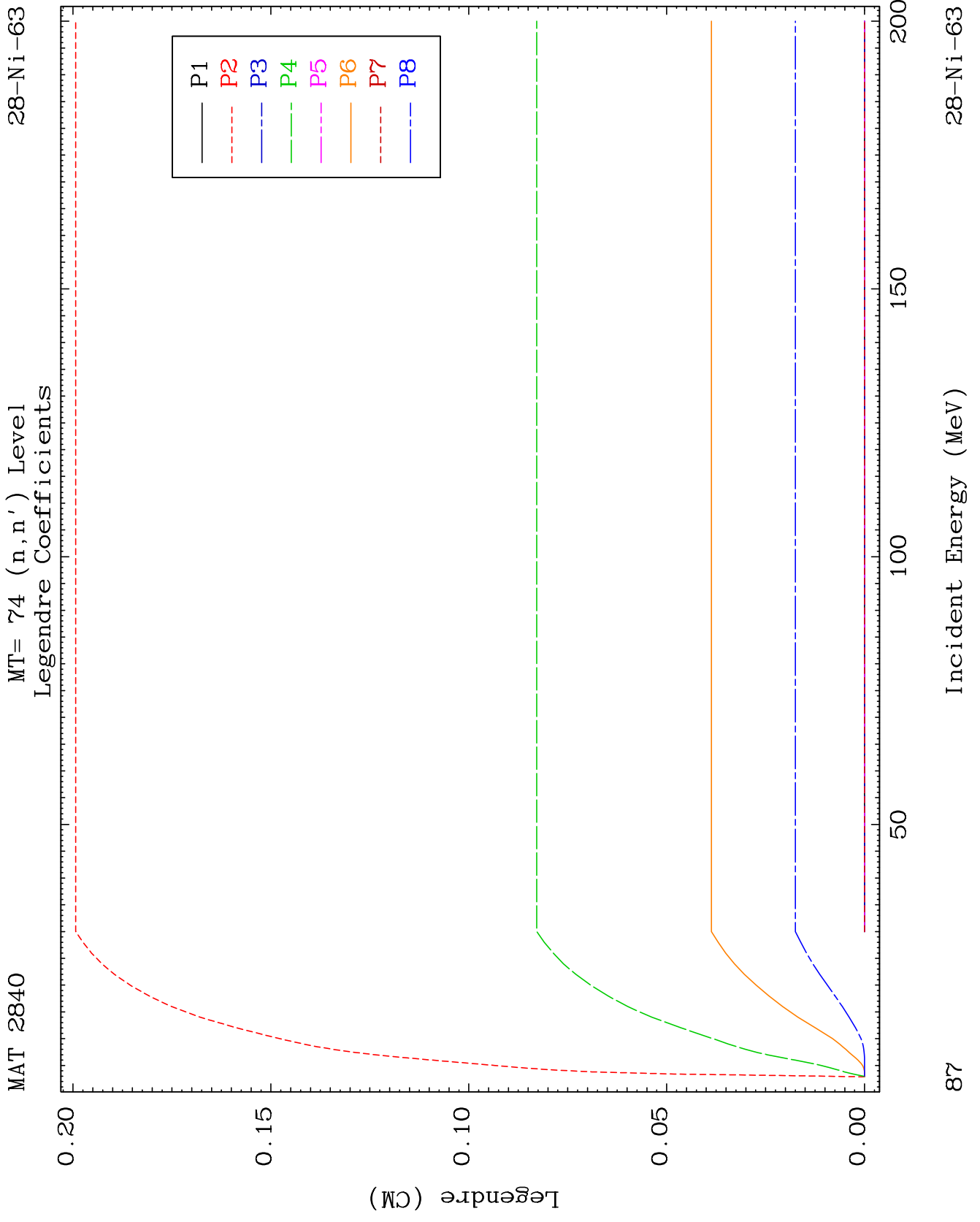
MT= 73 (n,n') Level
Legendre Coefficients

28-Ni-63



86

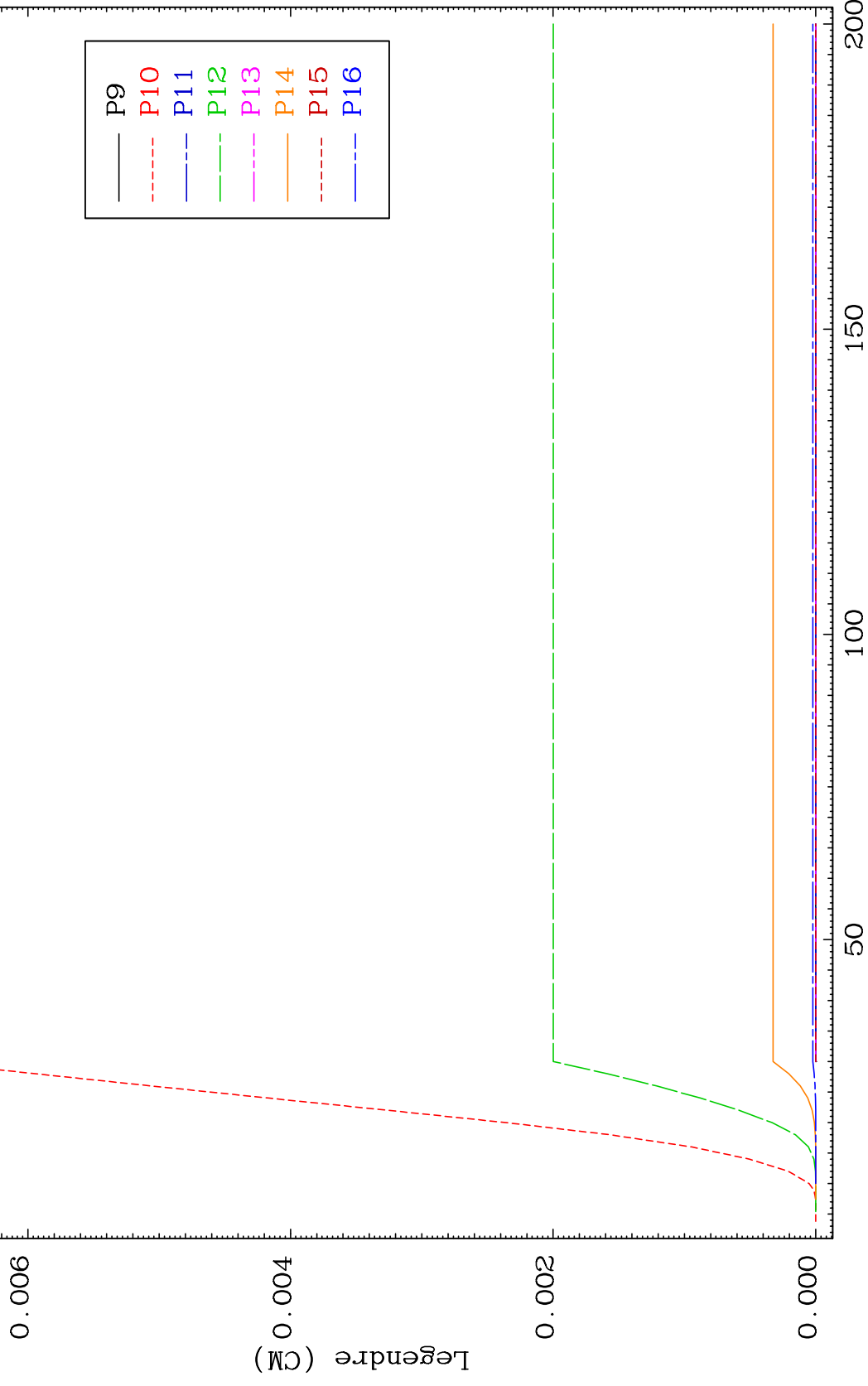
28-Ni-63



MAT 2840

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

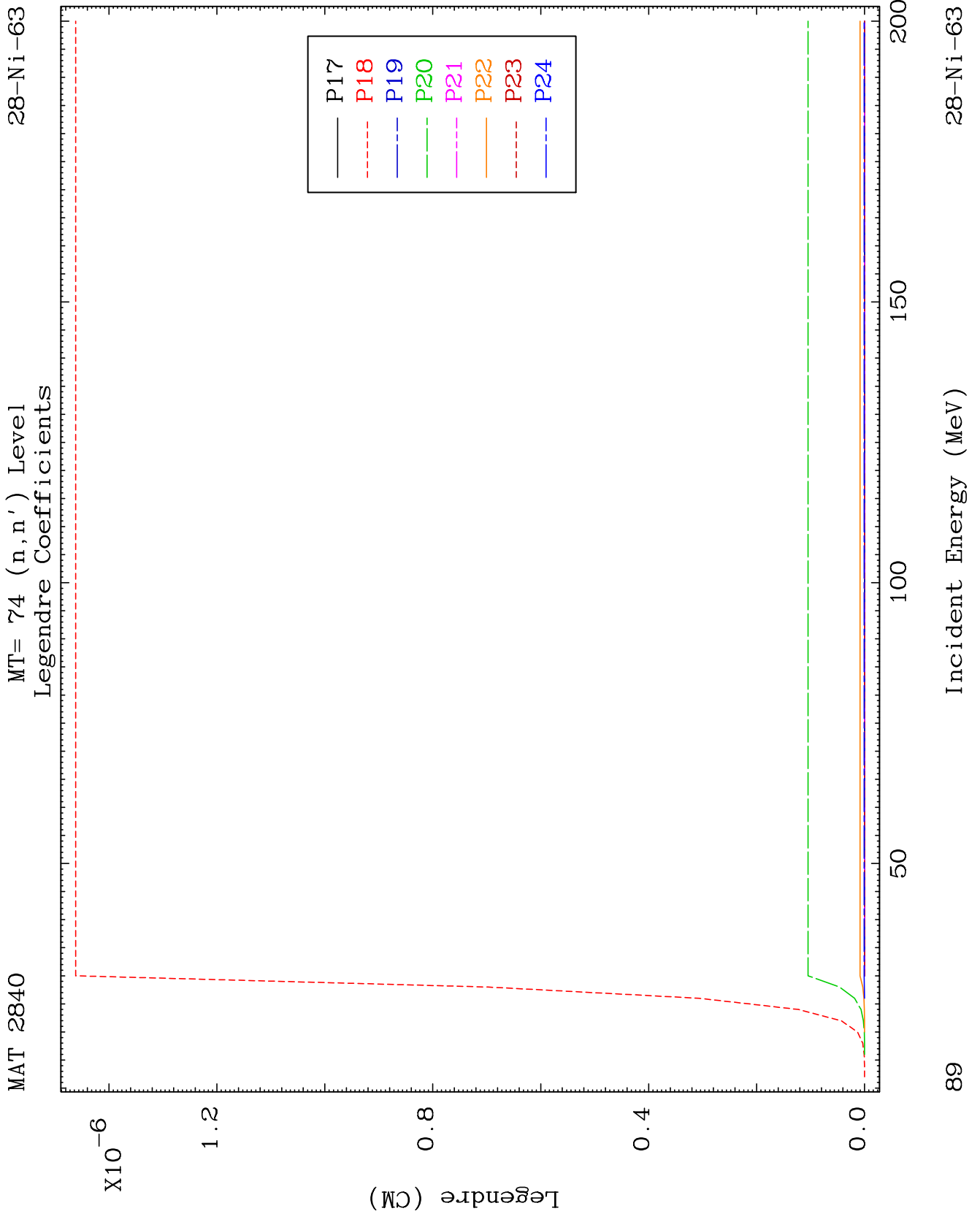
28-Ni-63

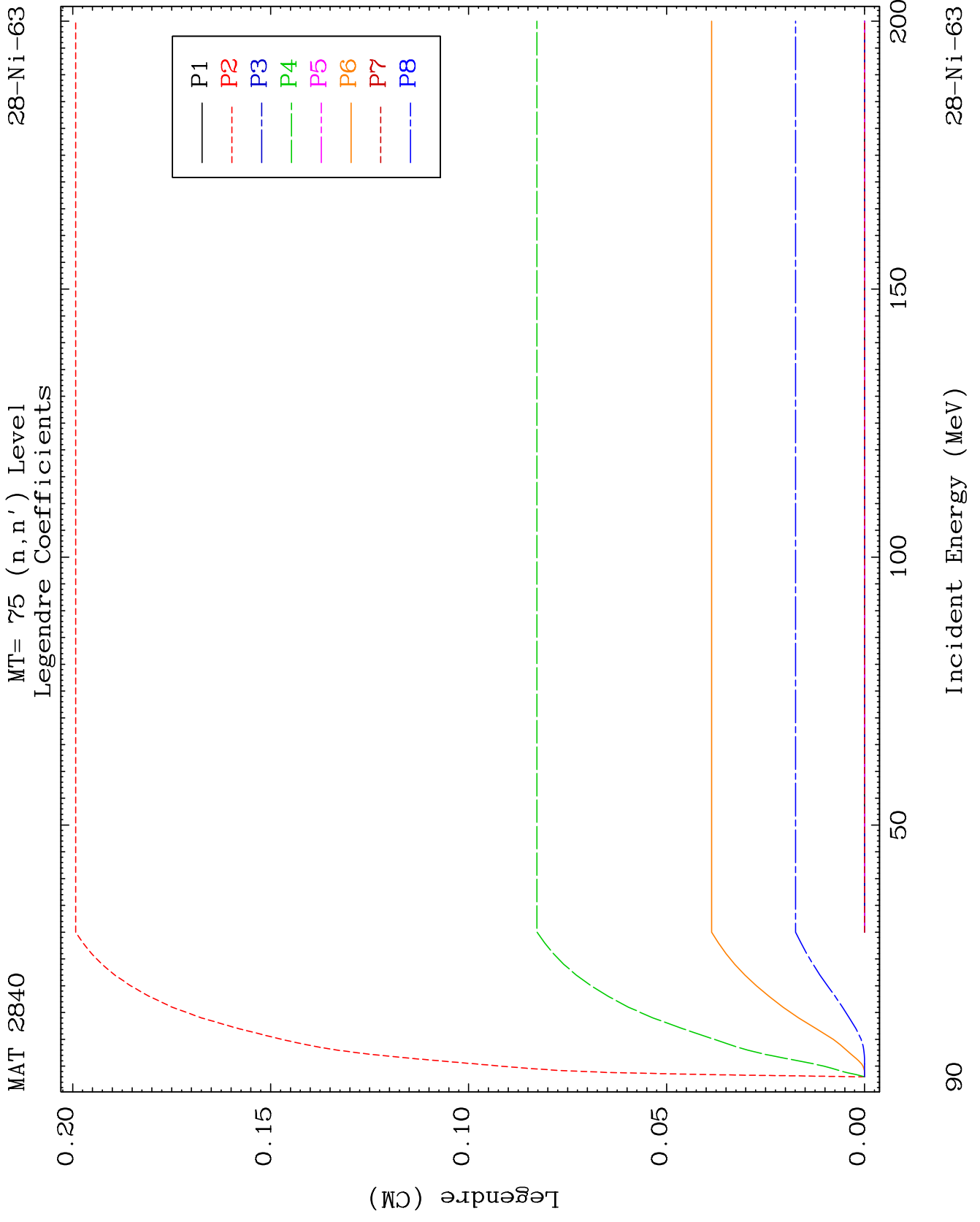


88

Incident Energy (MeV)

28-Ni-63

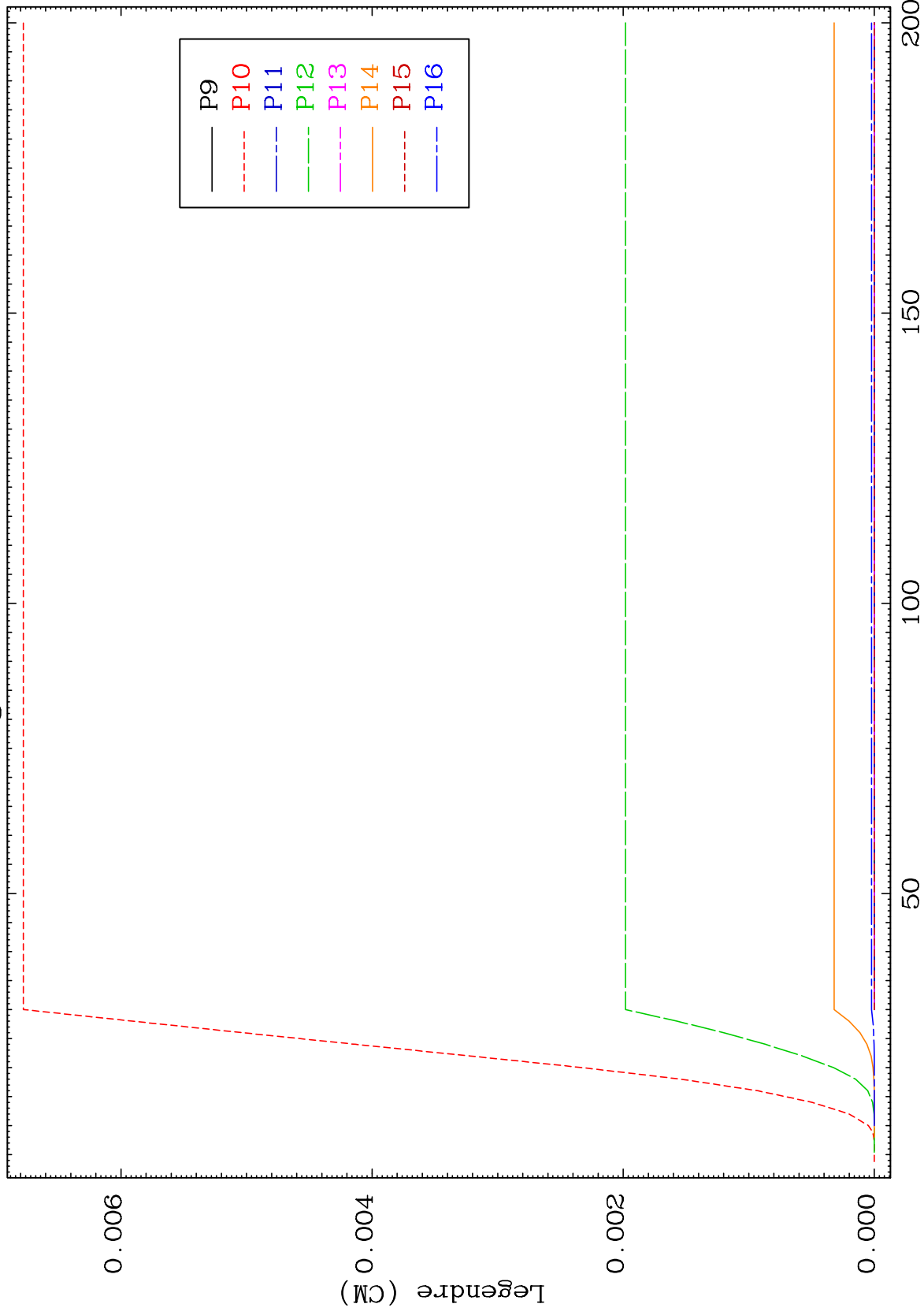




MAT 2840

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

28-Ni-63



91

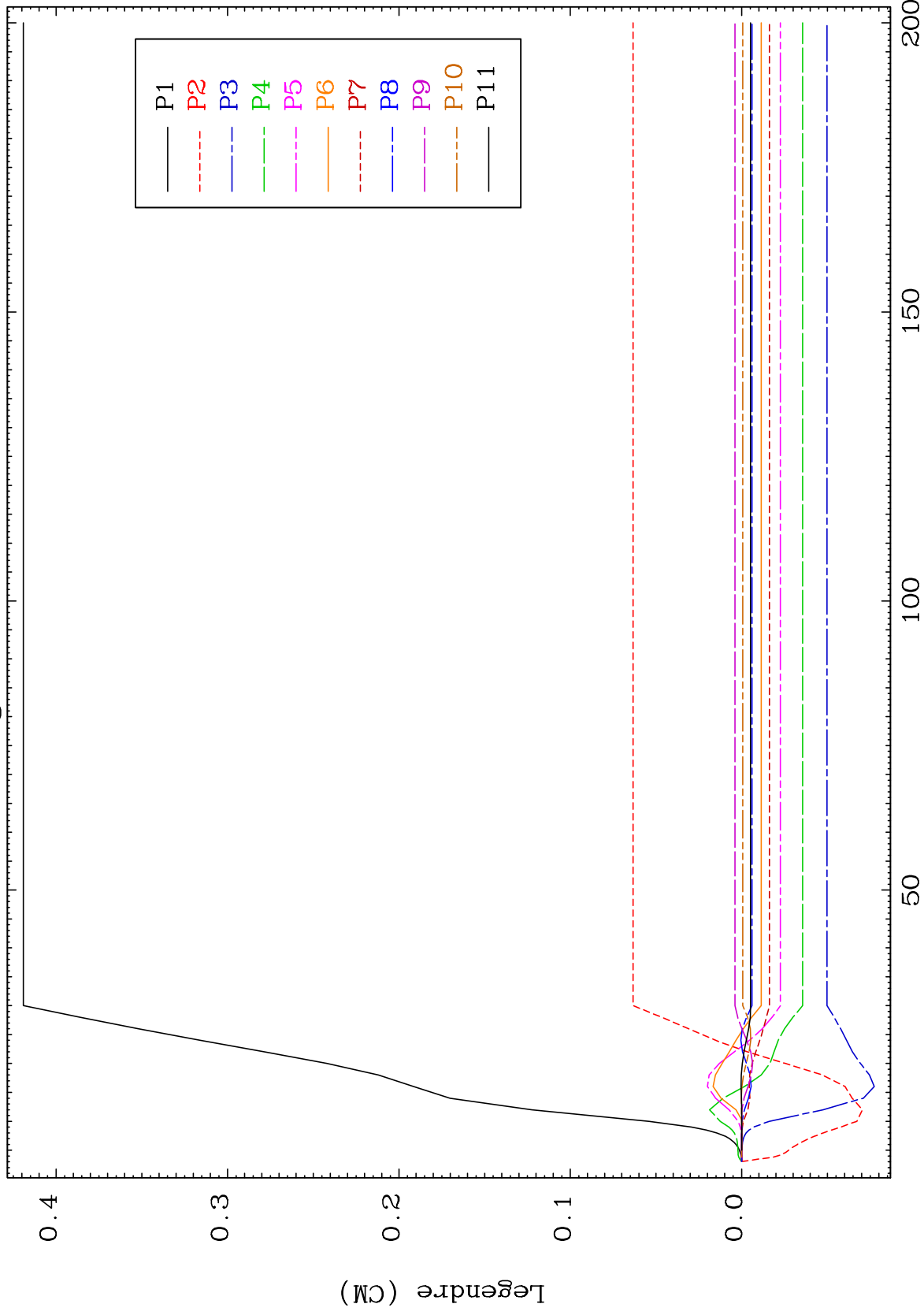
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63



93

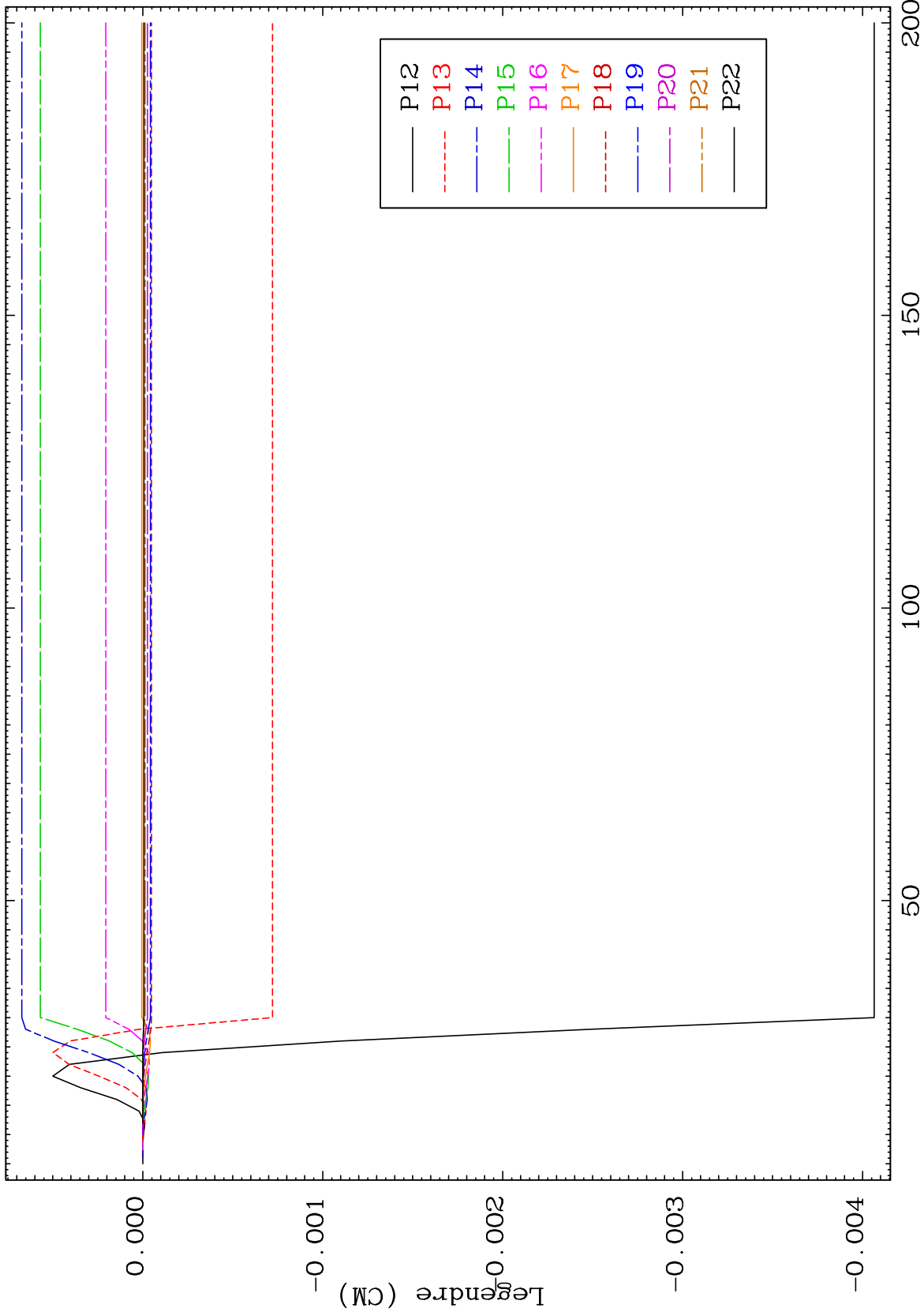
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

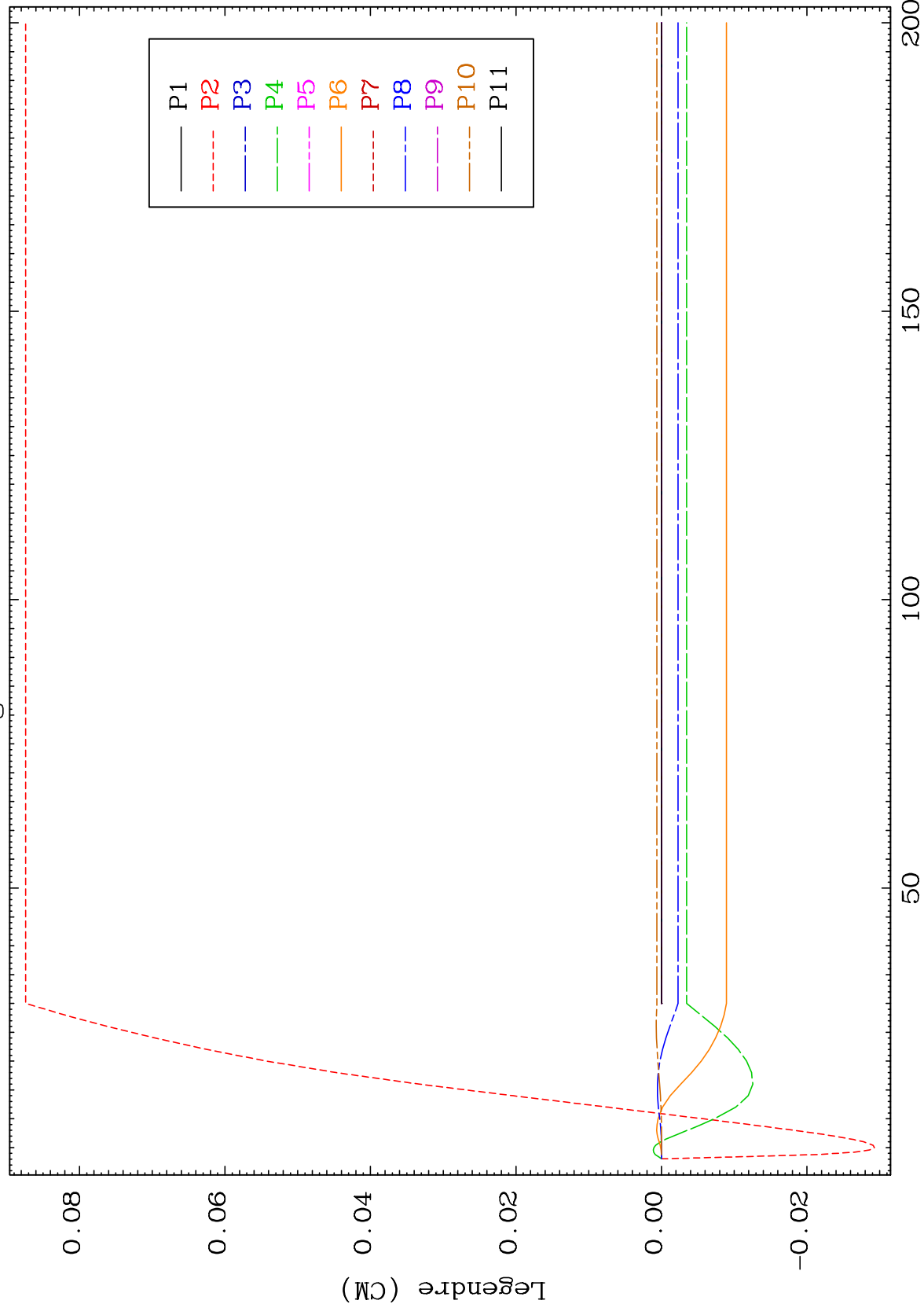
28-Ni-63



MAT 2840

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

28-Ni-63



96

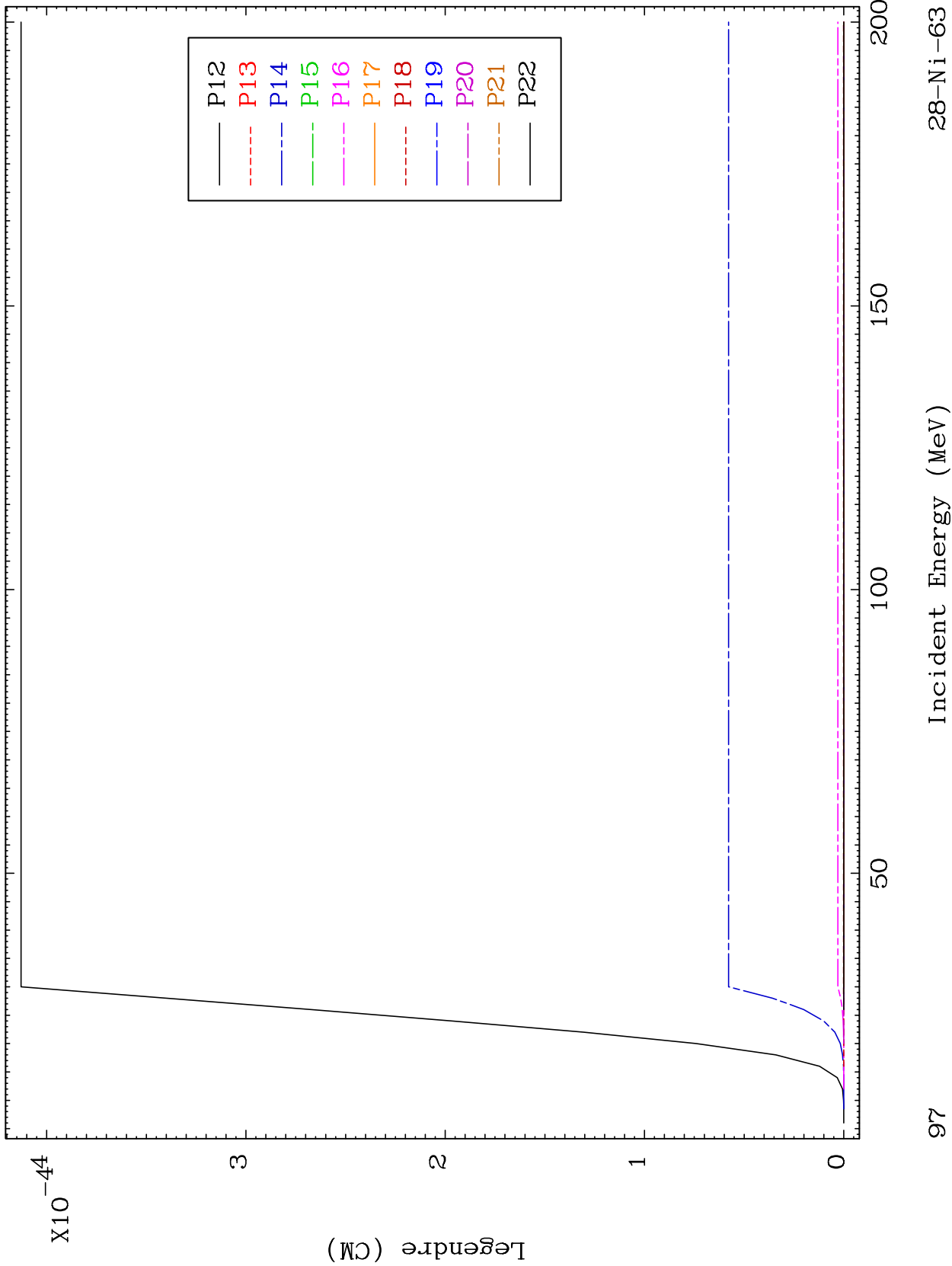
Incident Energy (MeV)

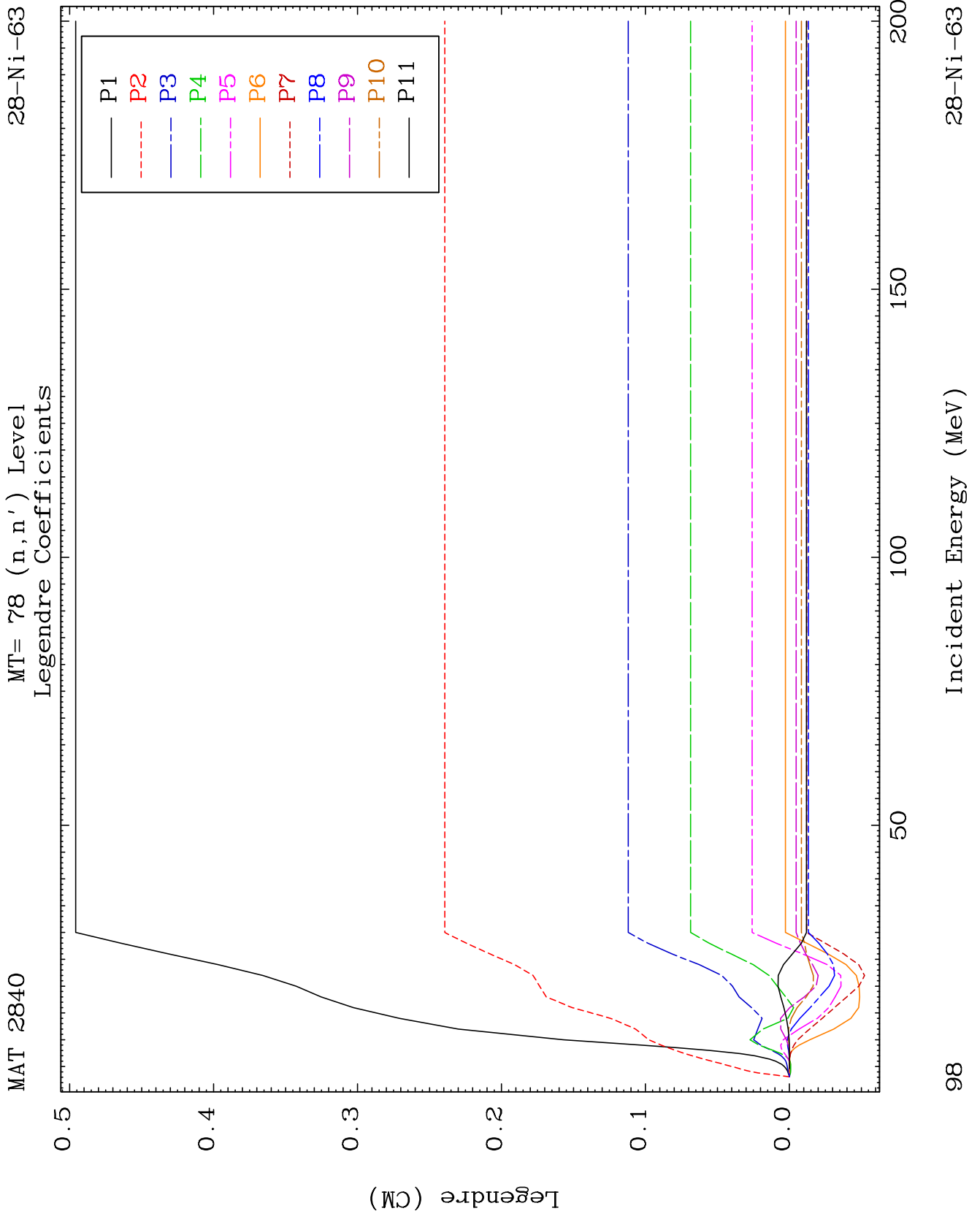
28-Ni-63

MAT 2840

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

28-Ni-63

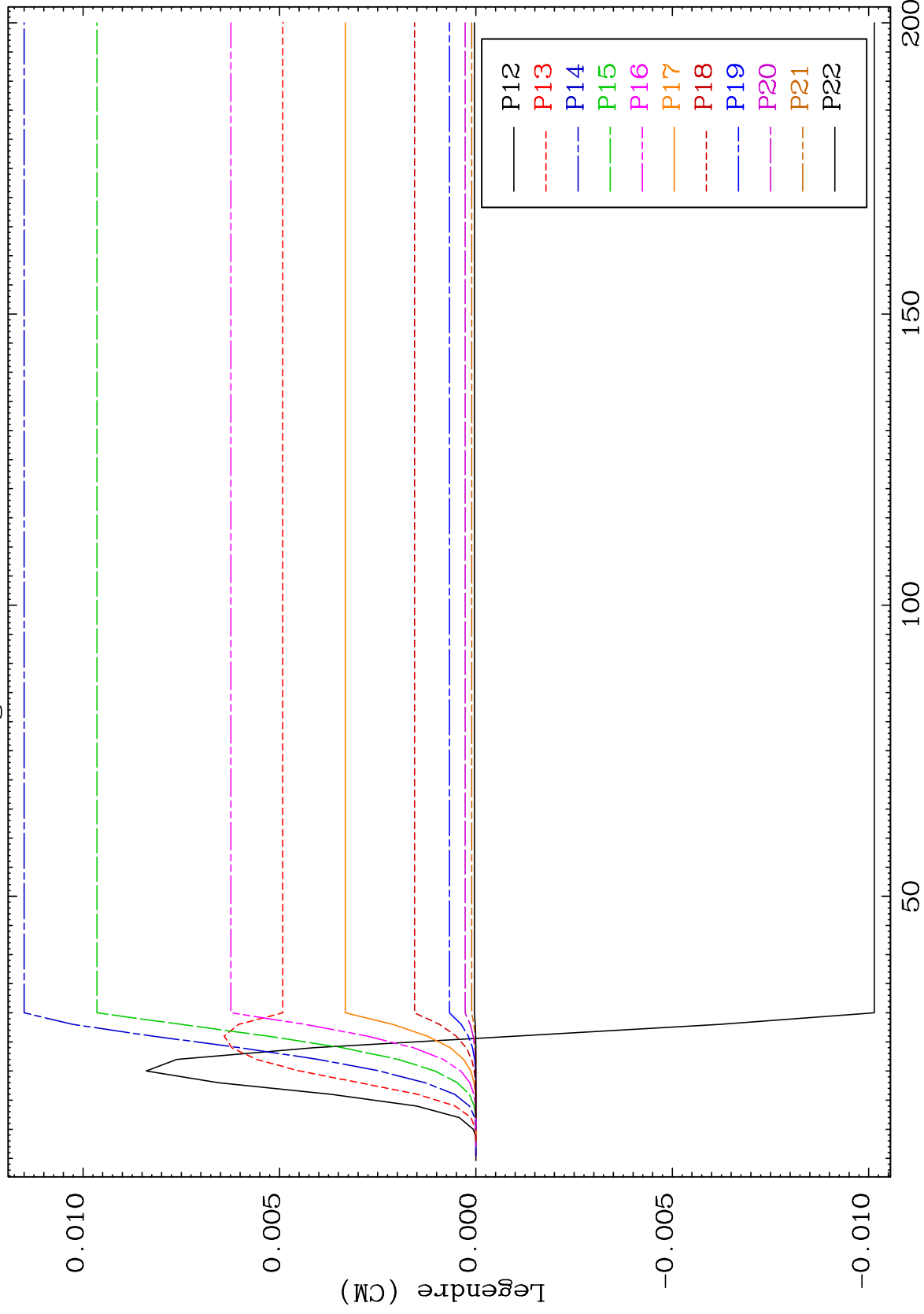




MAT 2840

MT= 78 (n,n') Level
Legendre Coefficients

28-Ni-63



99

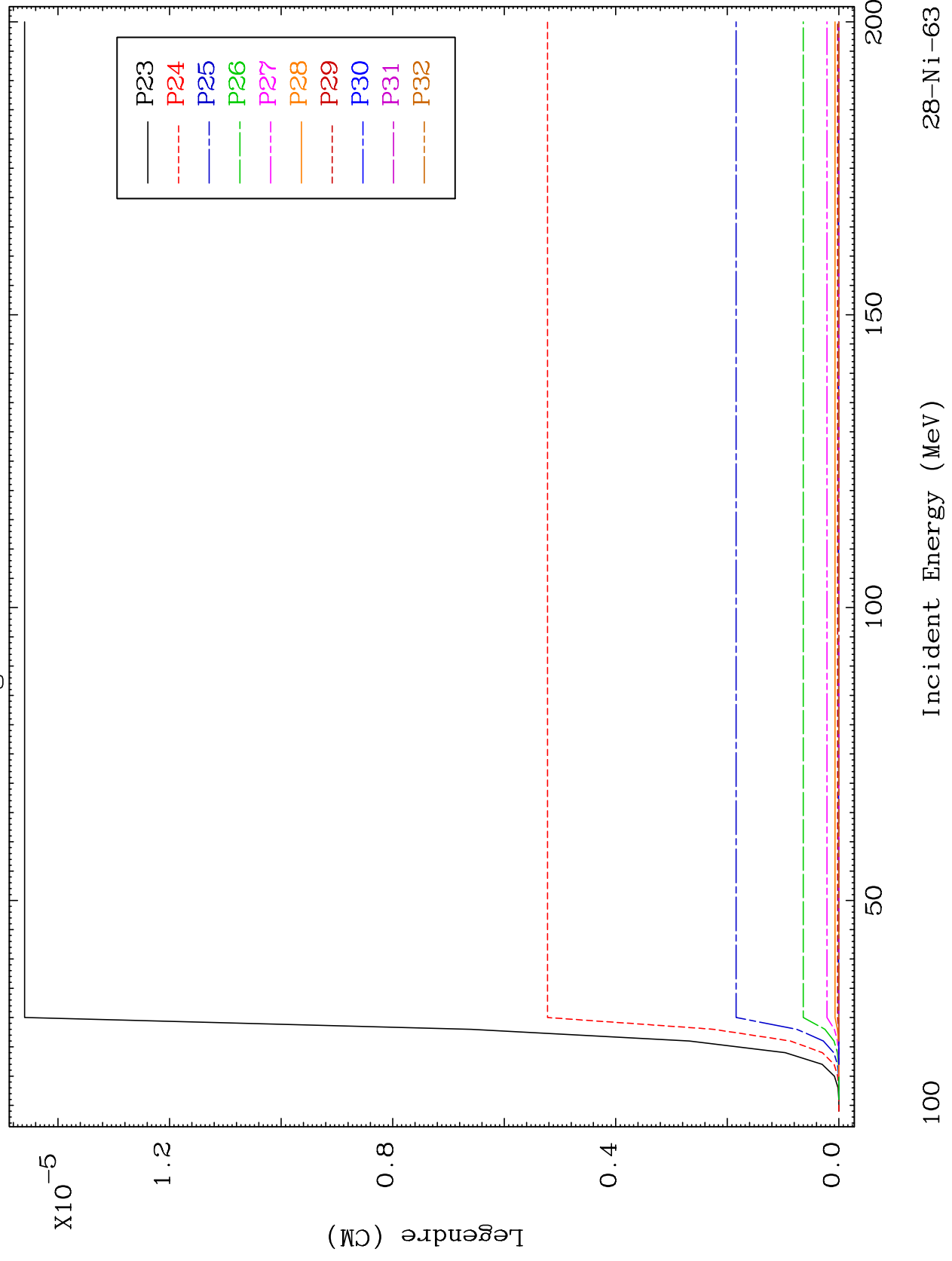
Incident Energy (MeV)

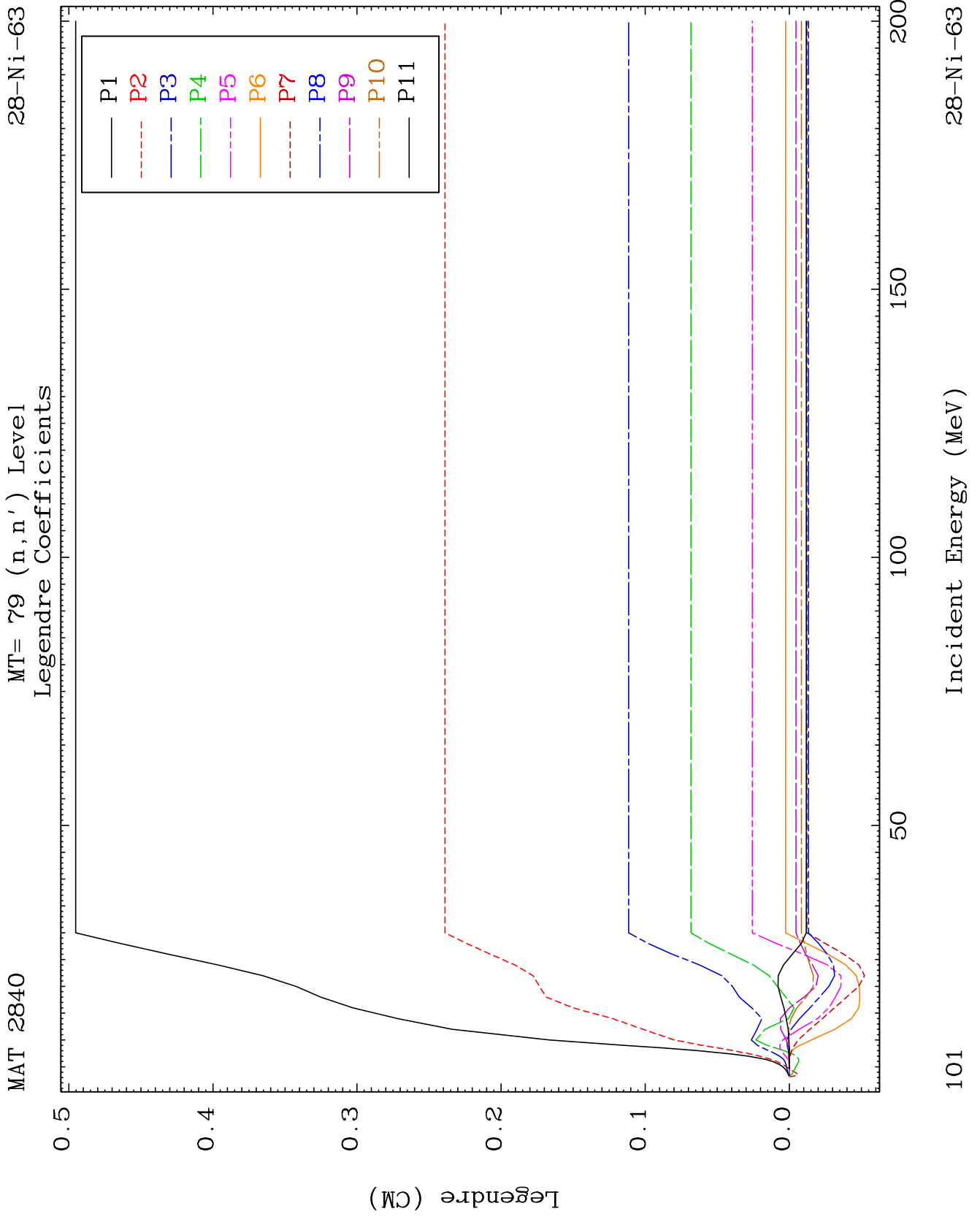
28-Ni-63

MAT 2840

MT= 78 (n,n') Level
Legendre Coefficients

28-Ni-63

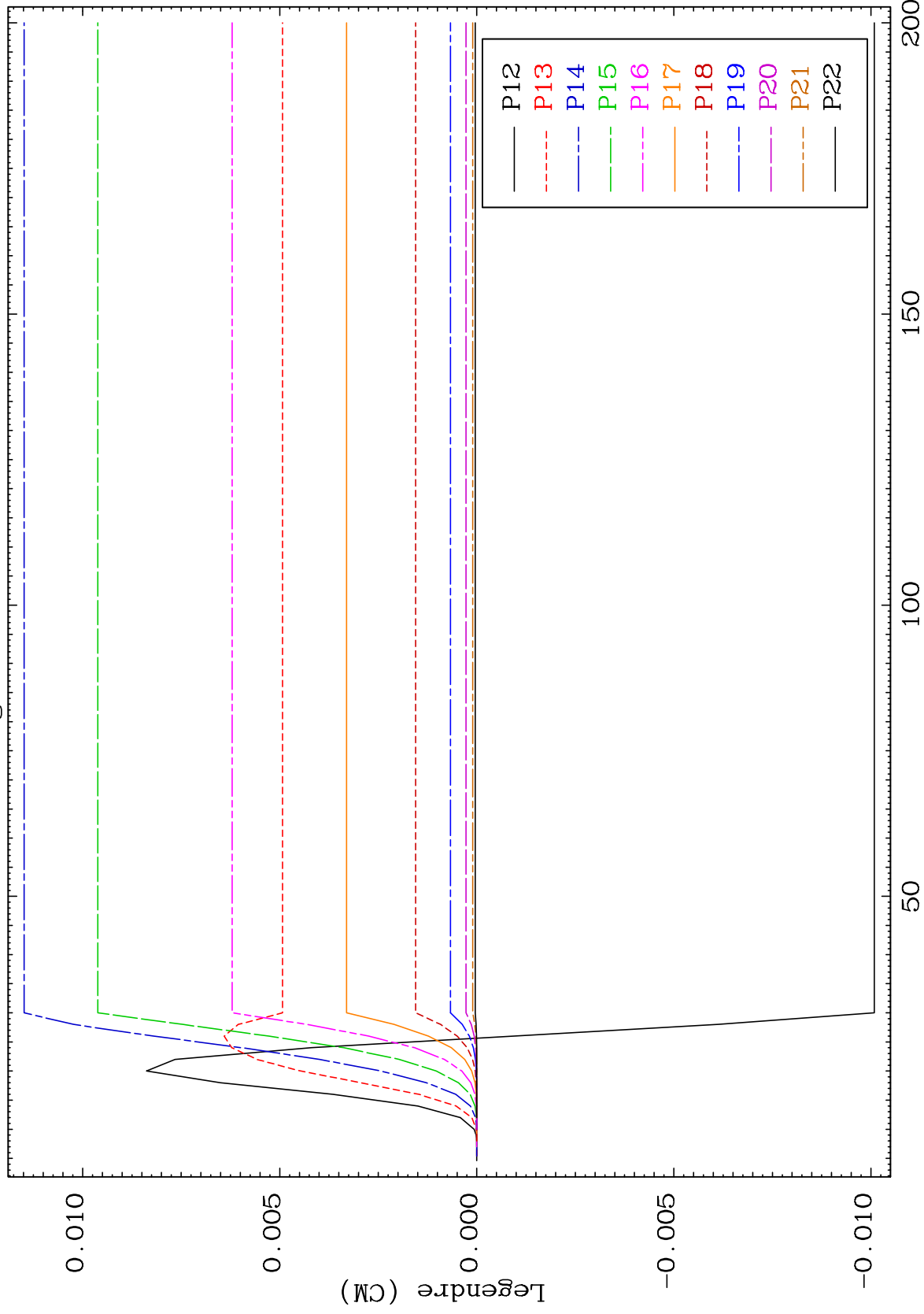




MAT 2840

MT= 79 (n,n') Level
Legendre Coefficients

28-Ni-63



102

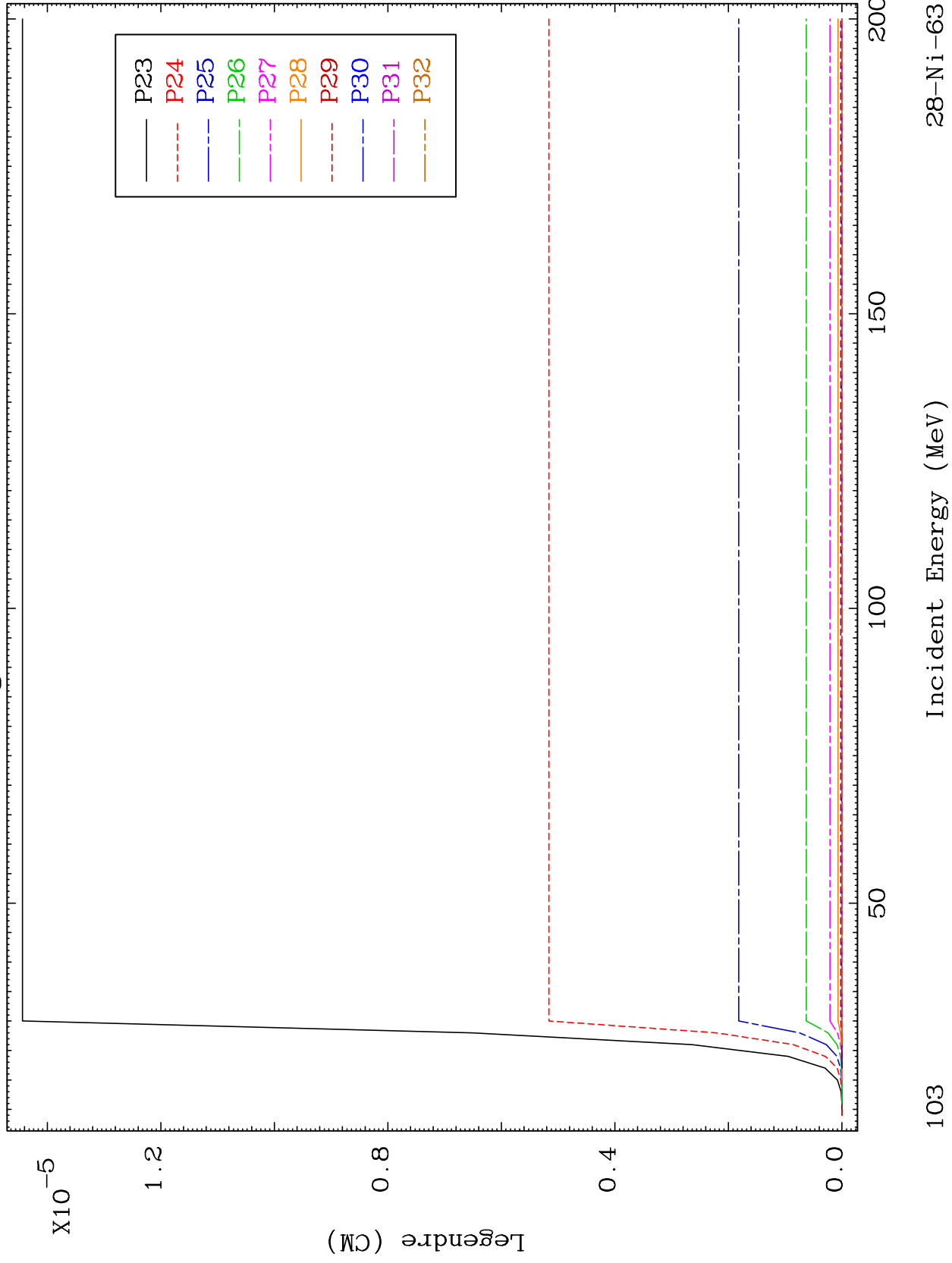
Incident Energy (MeV)

28-Ni-63

MAT 2840

MT= 79 (n,n') Level
Legendre Coefficients

28-Ni-63

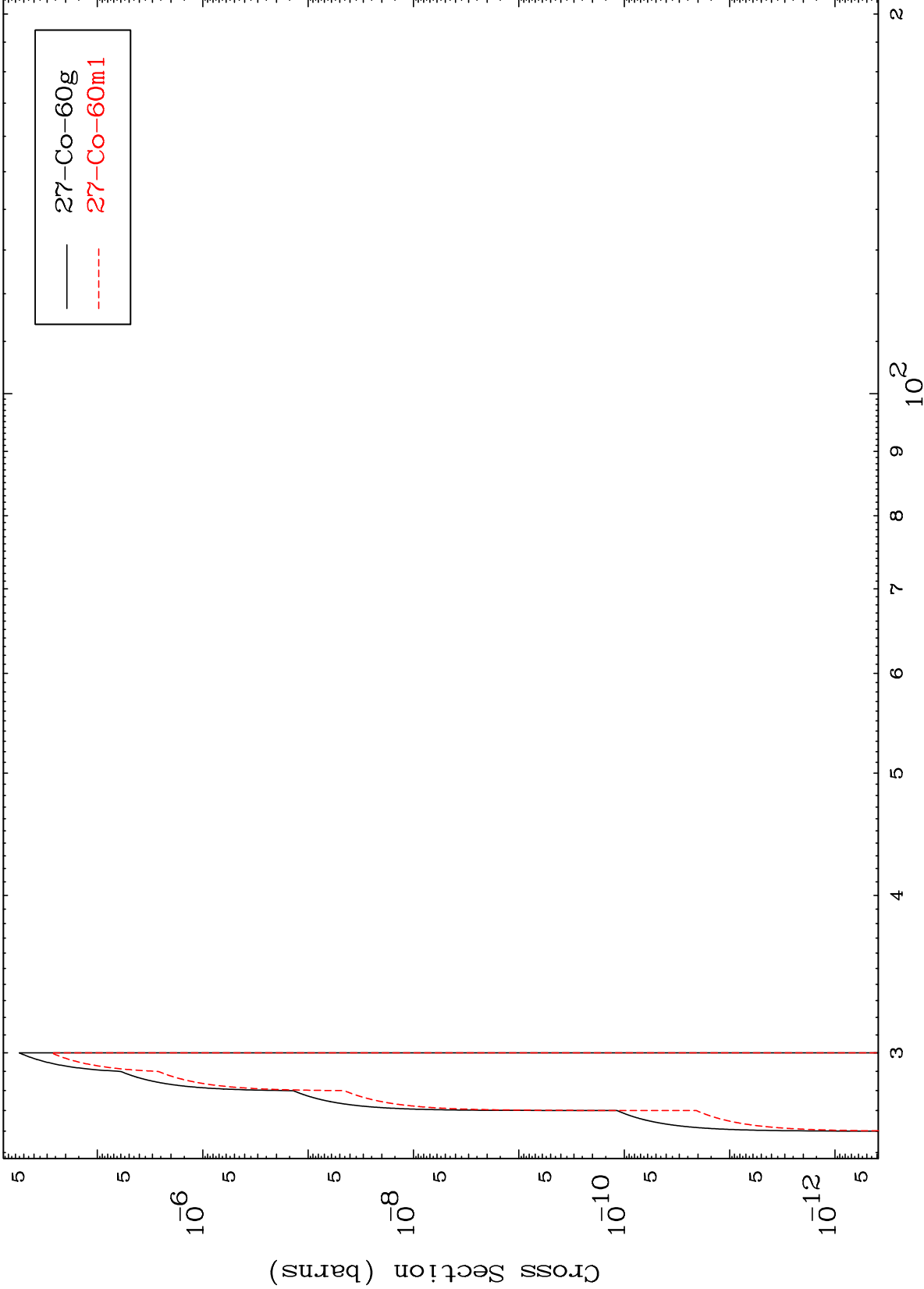


MAT 2840

(n,2n) d

28-Ni-63

Radionuclide Production Cross Section



104

Incident Energy (MeV)

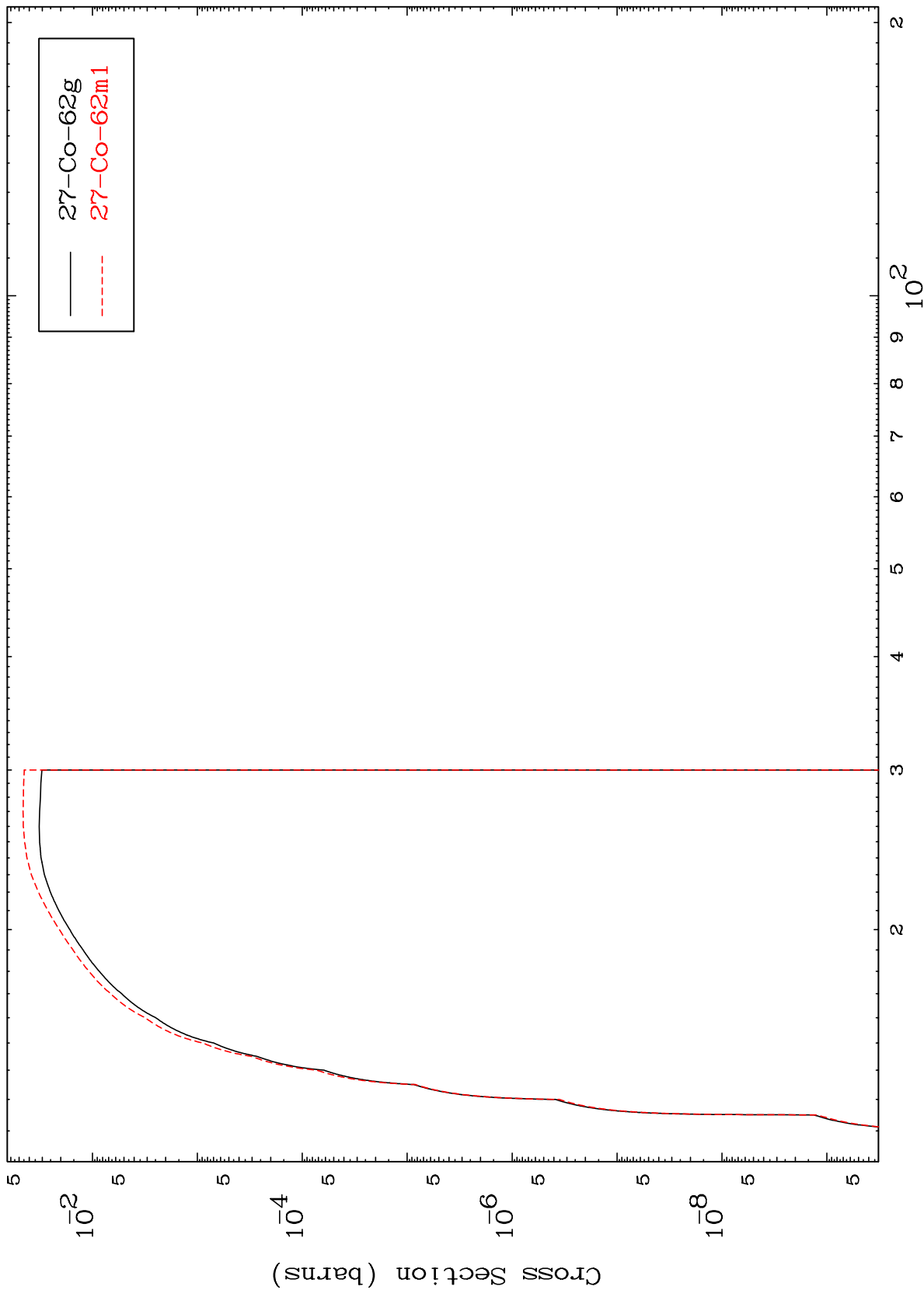
28-Ni-63

MAT 2840

(n,n') p

28-Ni-63

Radionuclide Production Cross Section



105

Incident Energy (MeV)

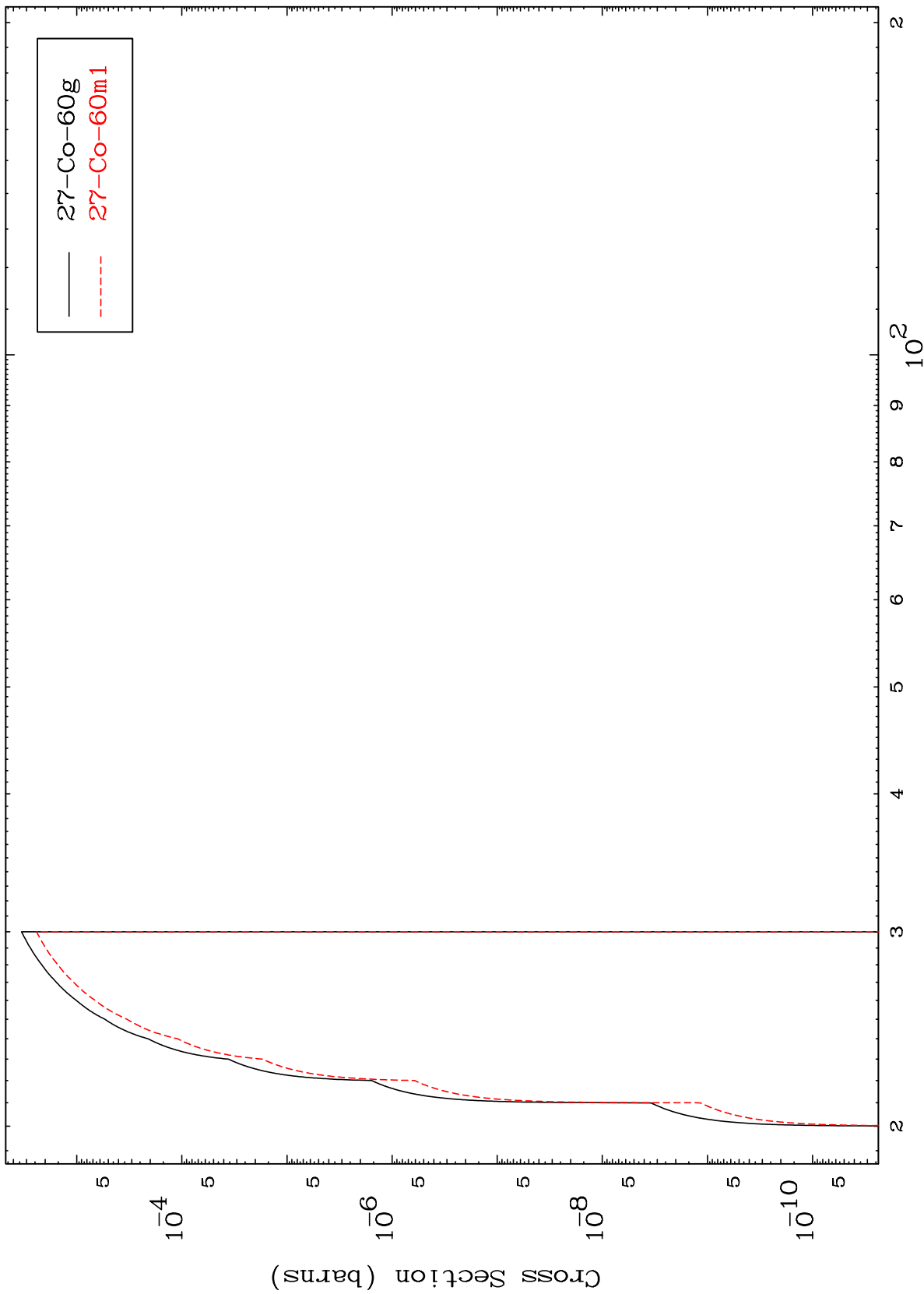
28-Ni-63

MAT 2840

(n,n') t

28-Ni-63

Radionuclide Production Cross Section



106

Incident Energy (MeV)

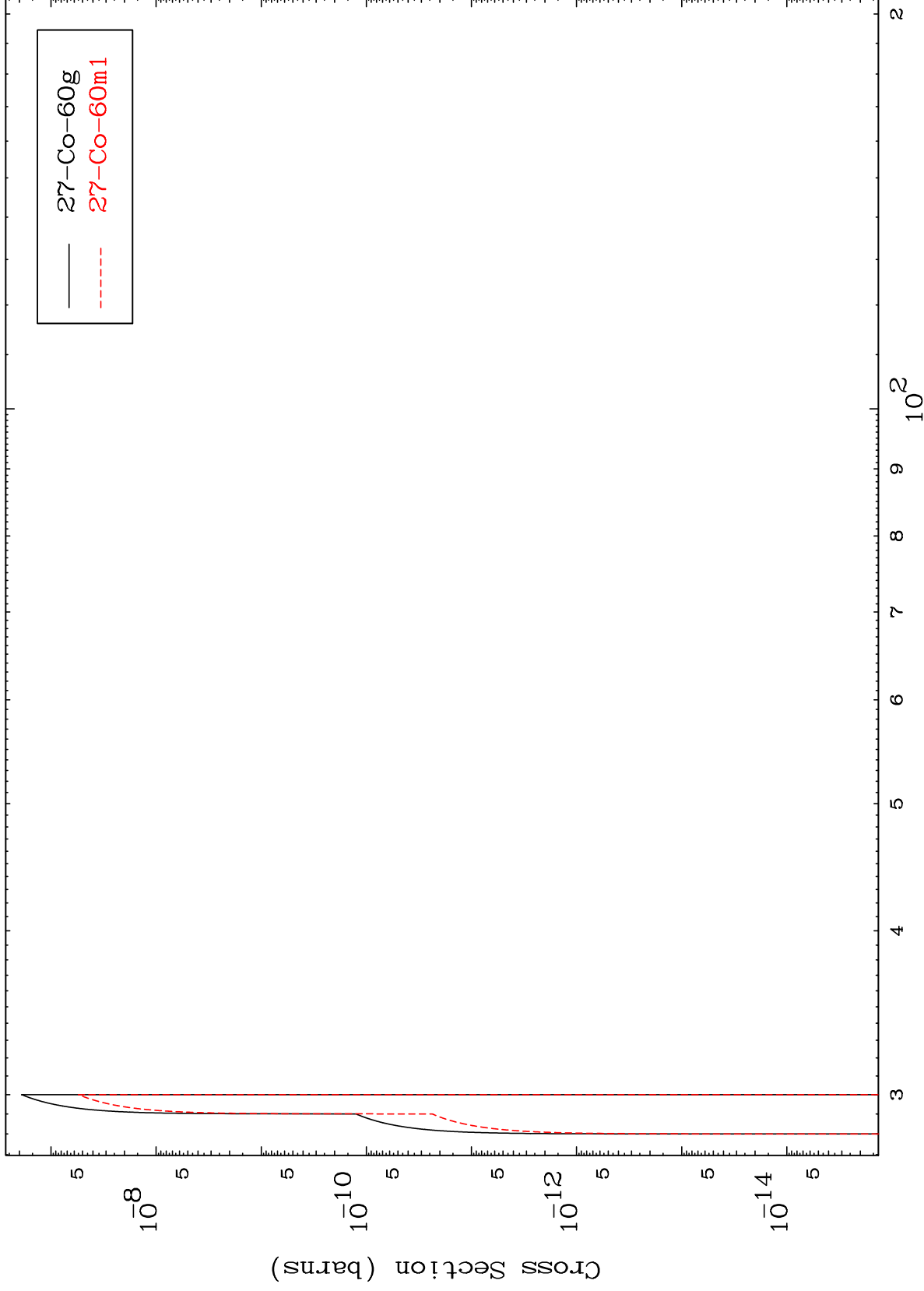
28-Ni-63

MAT 2840

(n,3n) p

28-Ni-63

Radionuclide Production Cross Section



107

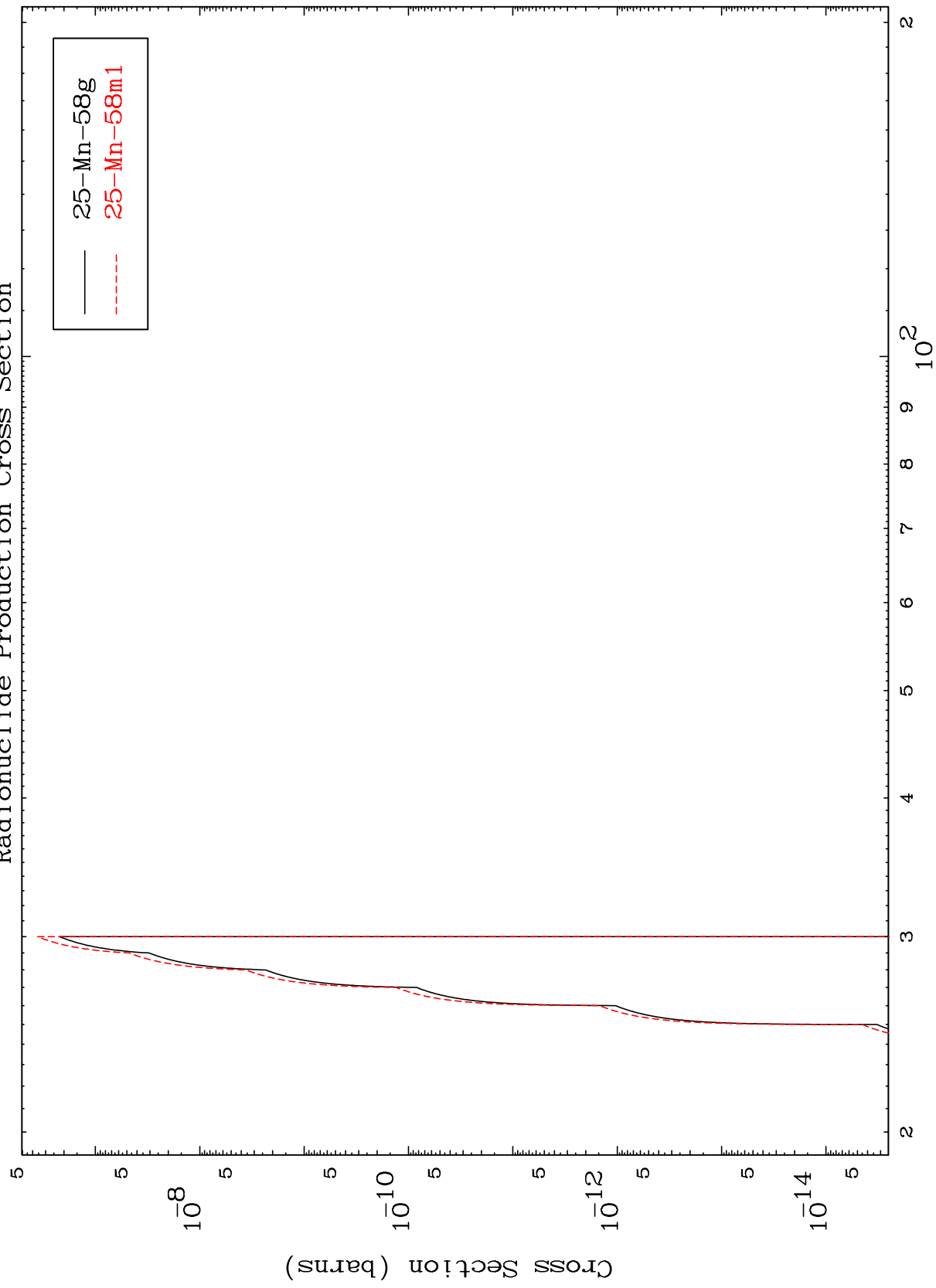
Incident Energy (MeV)

28-Ni-63

MAT 2840

28-Ni-63

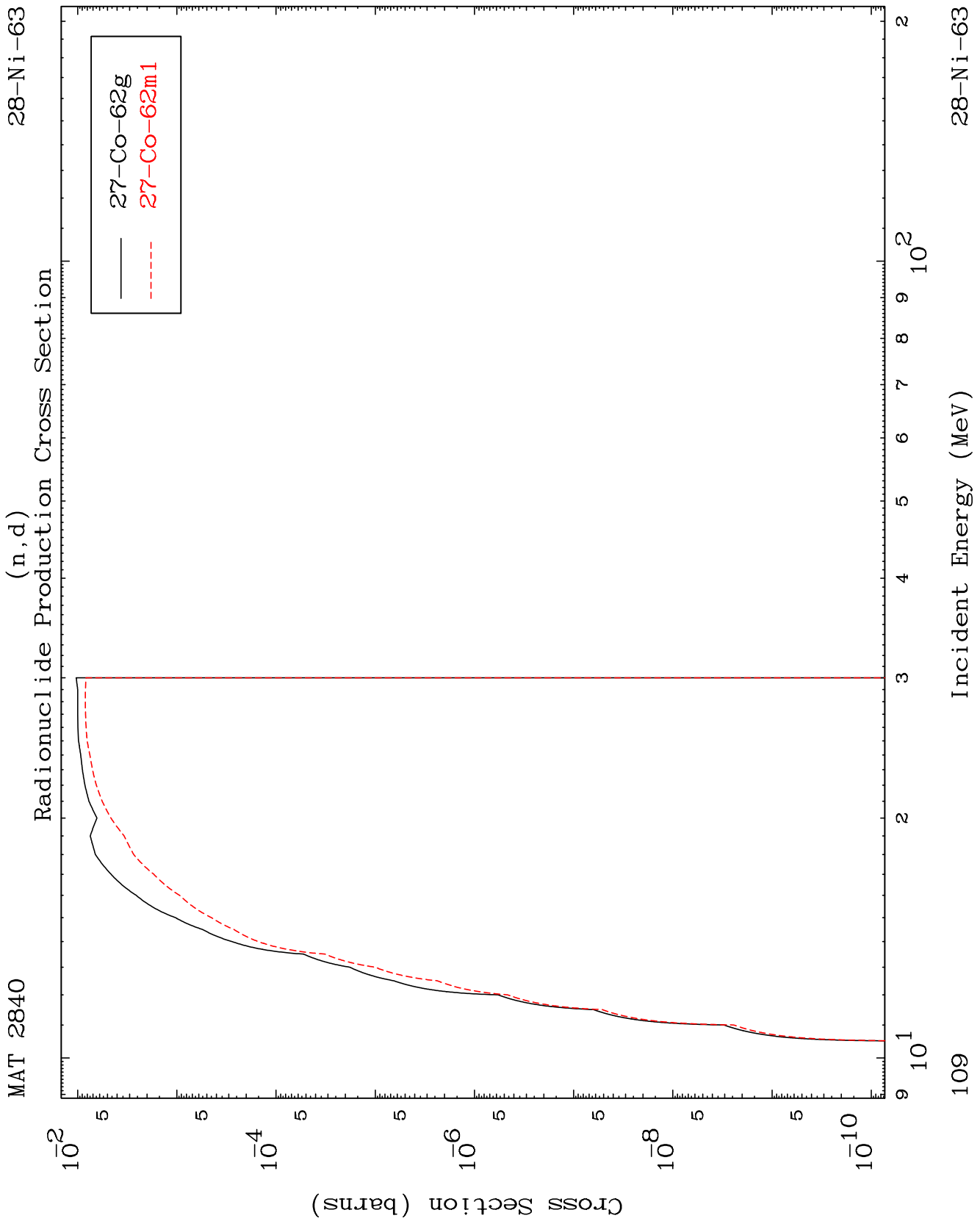
(n,n') p α
Radionuclide Production Cross Section



28-Ni-63

Incident Energy (MeV)

108

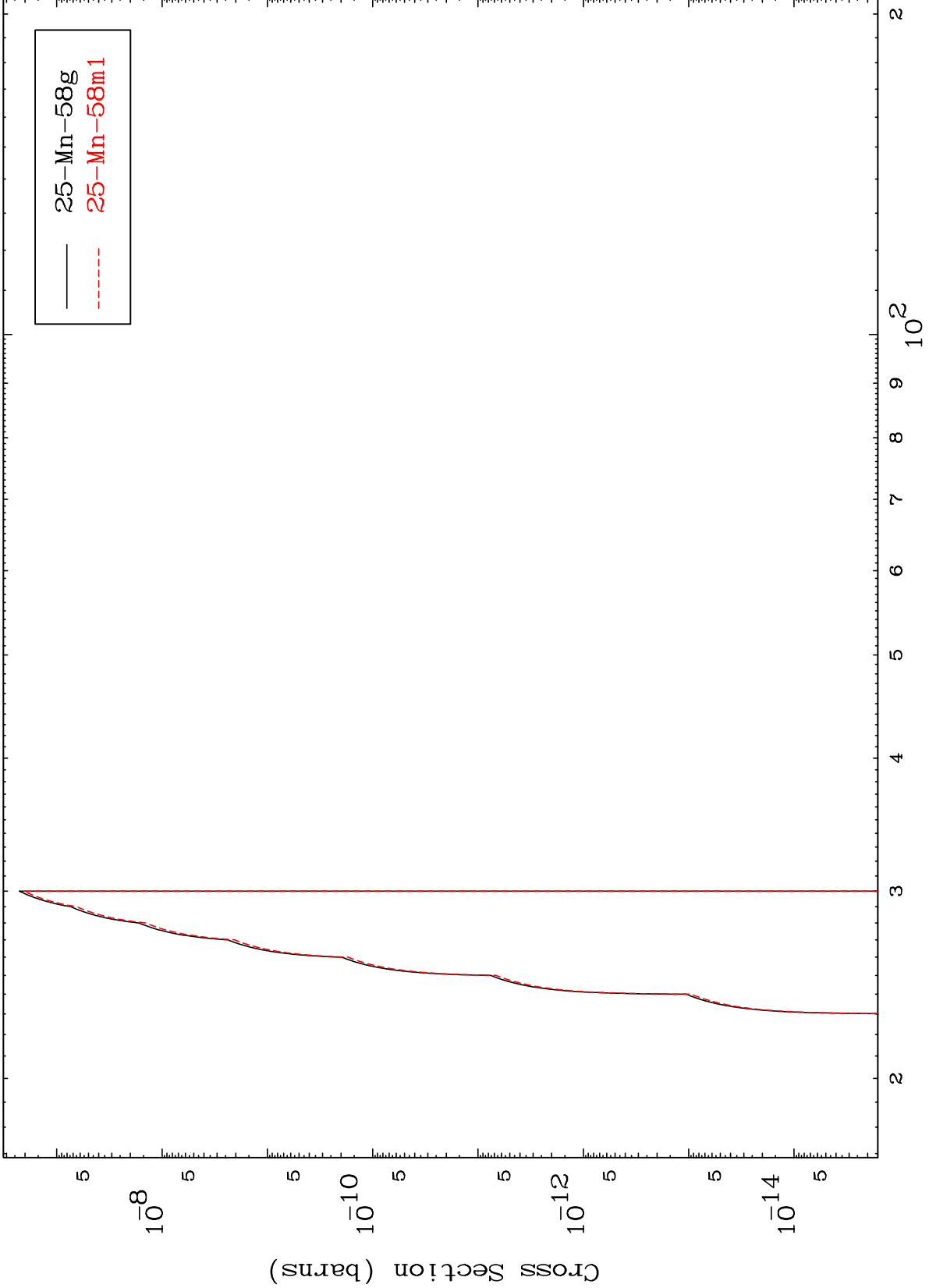


MAT 2840

(n,d) α

28-Ni-63

Radionuclide Production Cross Section



110

Incident Energy (MeV)

28-Ni-63