

Program EVALPLOT  
(Version 2021-1)

by

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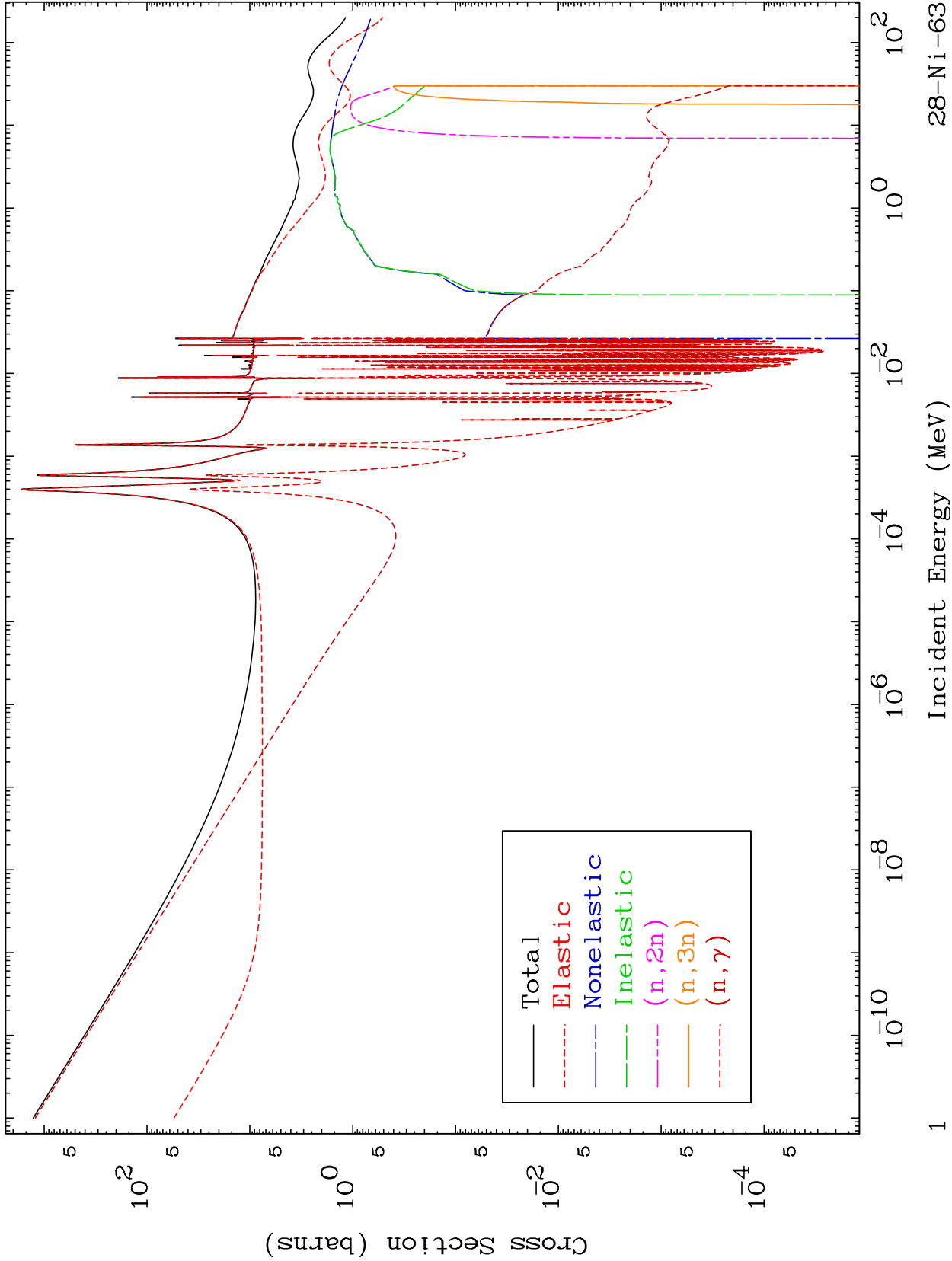
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Press Mouse Button to Start

MAT 2840

Neutron Major  
293 Kelvin Cross Sections

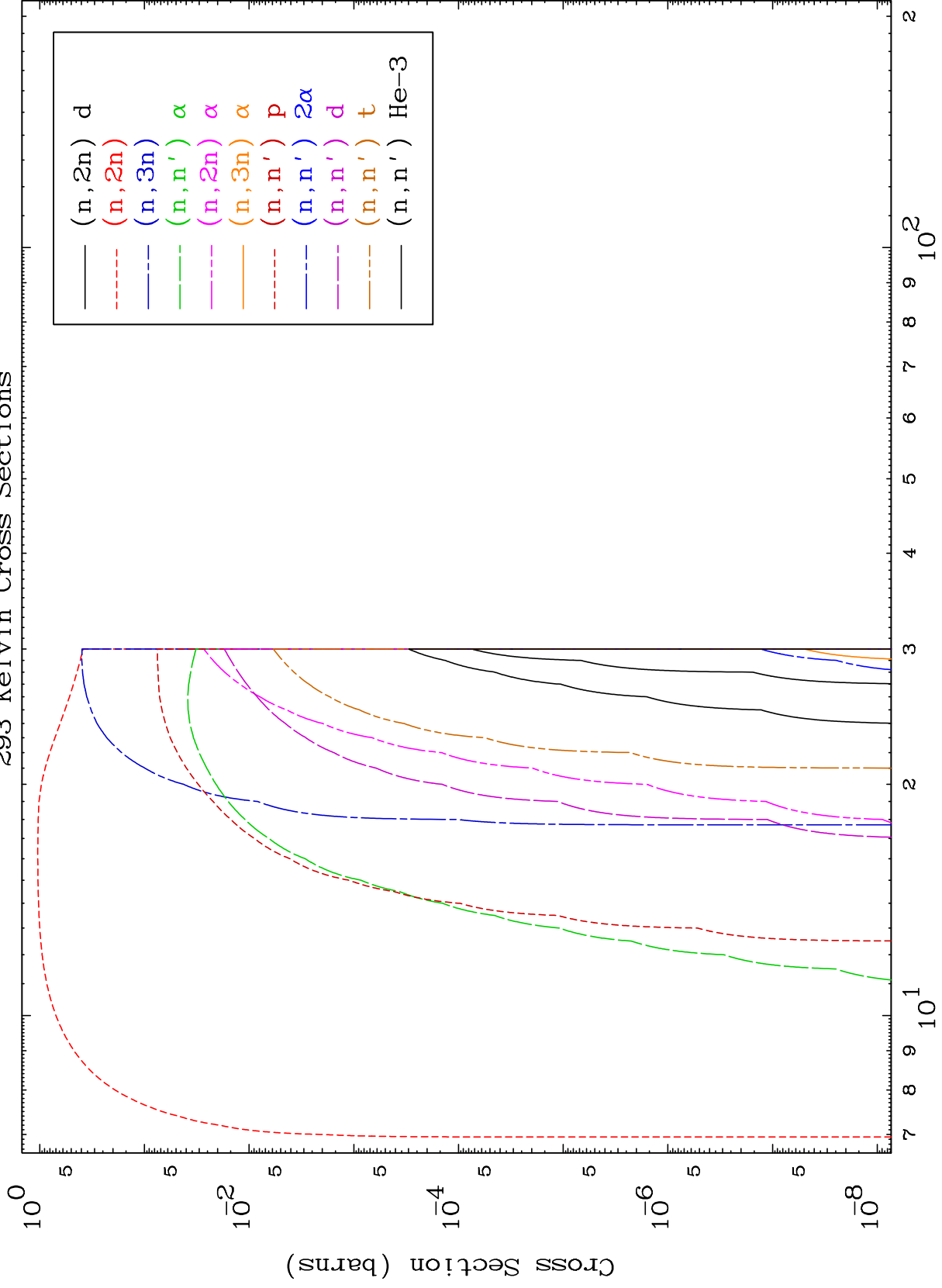
28-Ni-63



MAT 2840

Neutron Absorption  
293 Kelvin Cross Sections

28-Ni-63



2

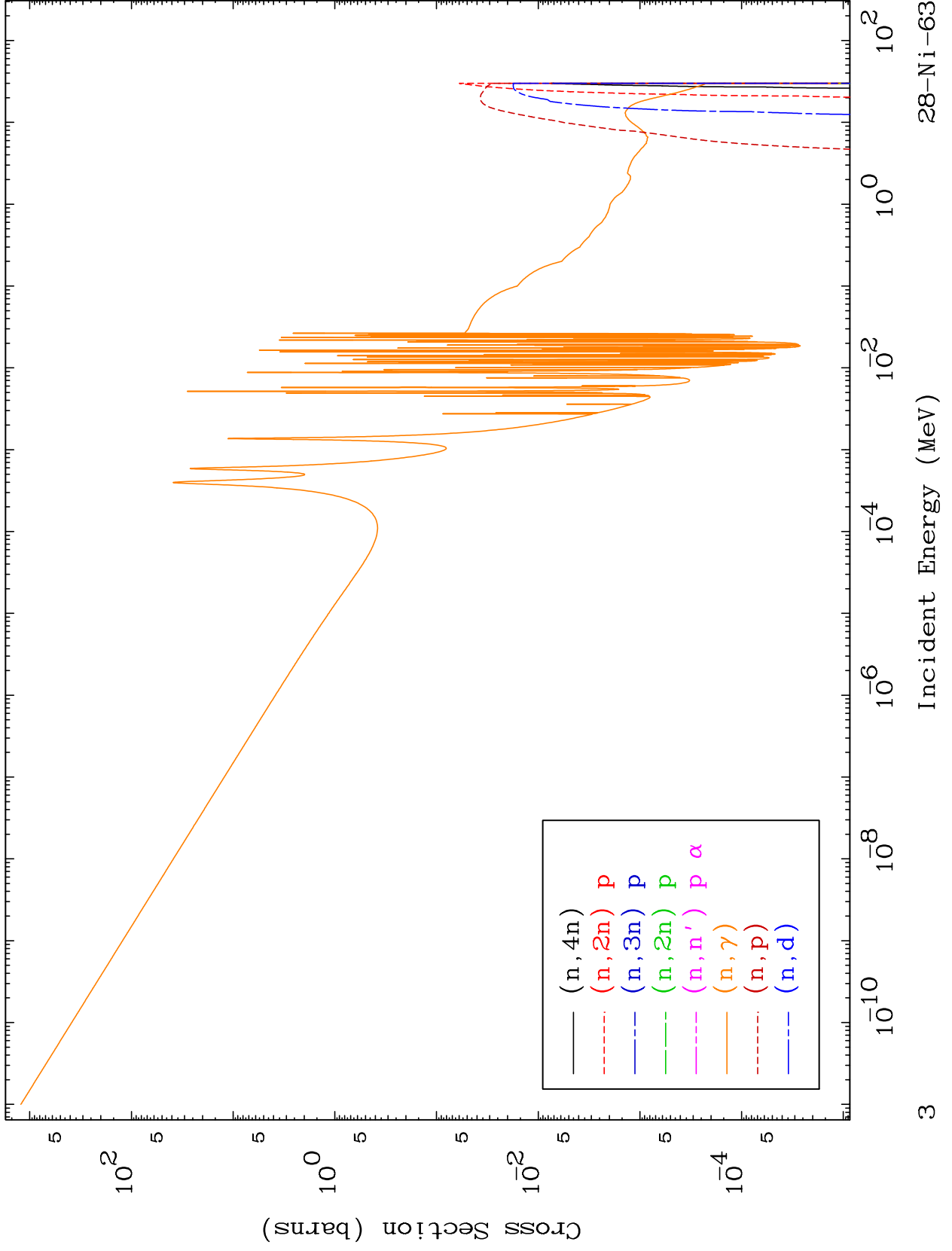
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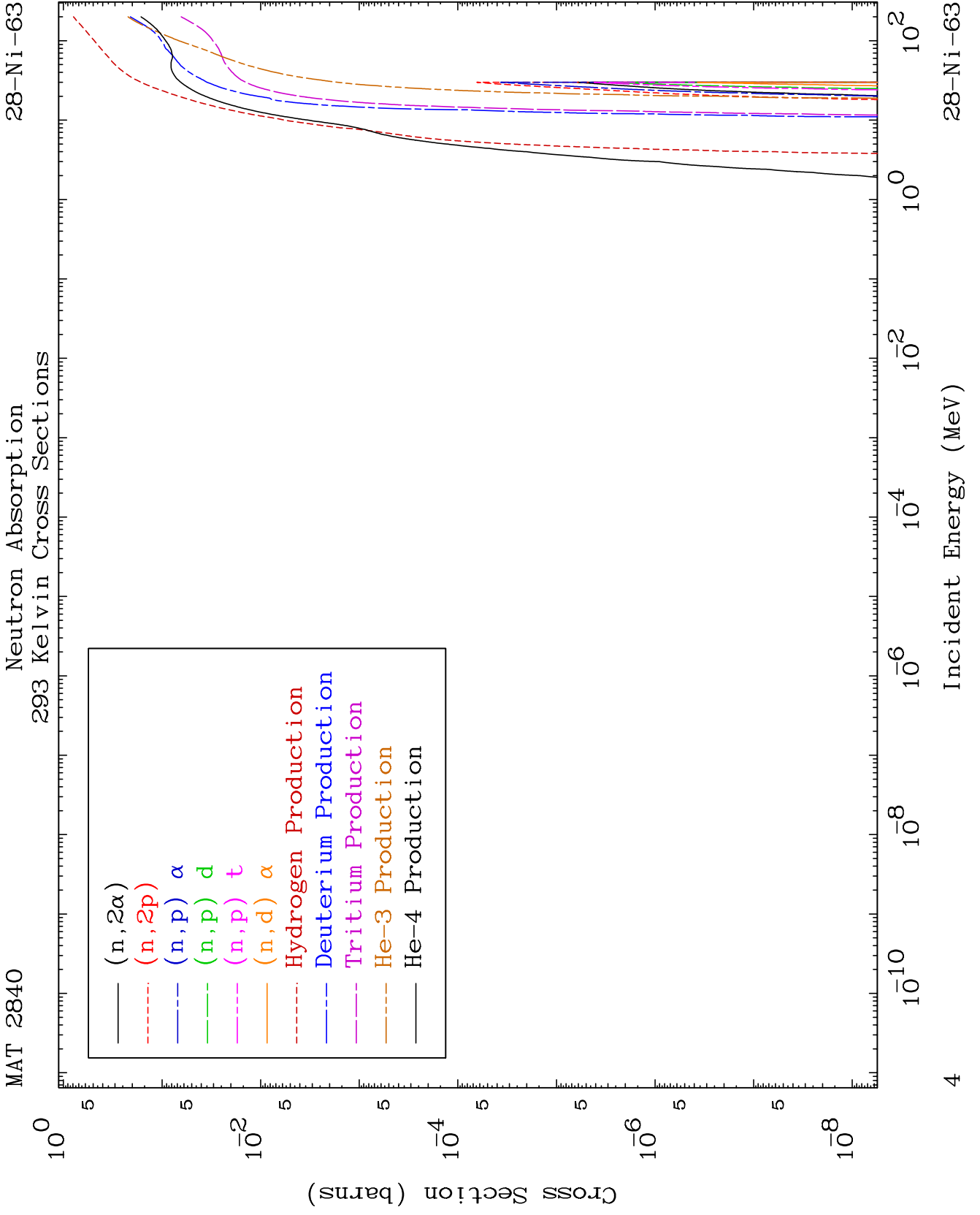
28-Ni-63

MAT 2840

Neutron Absorption  
293 Kelvin Cross Sections

28-Ni-63

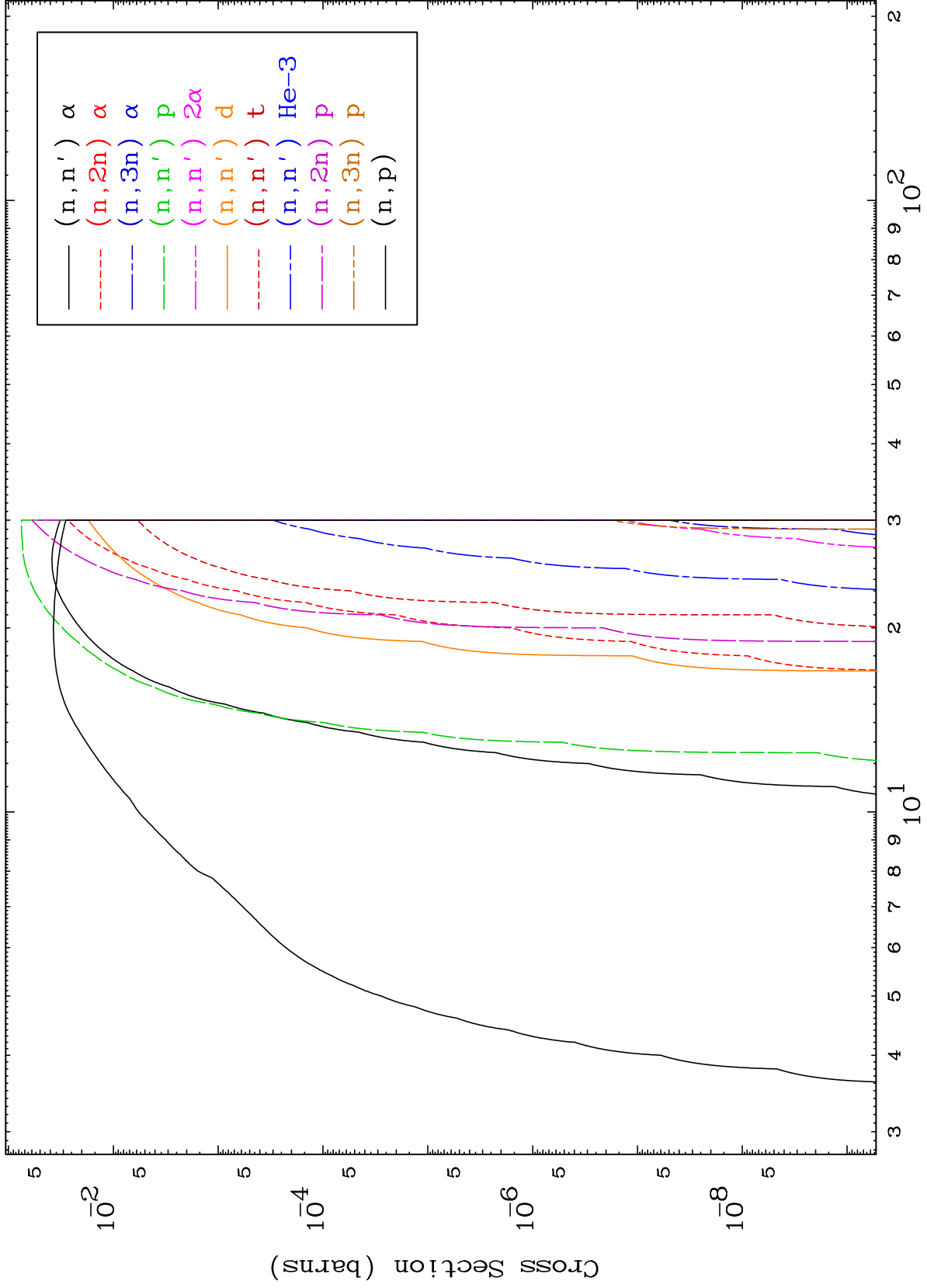




MAT 2840

Charged Particle  
293 Kelvin Cross Sections

28-Ni-63



5

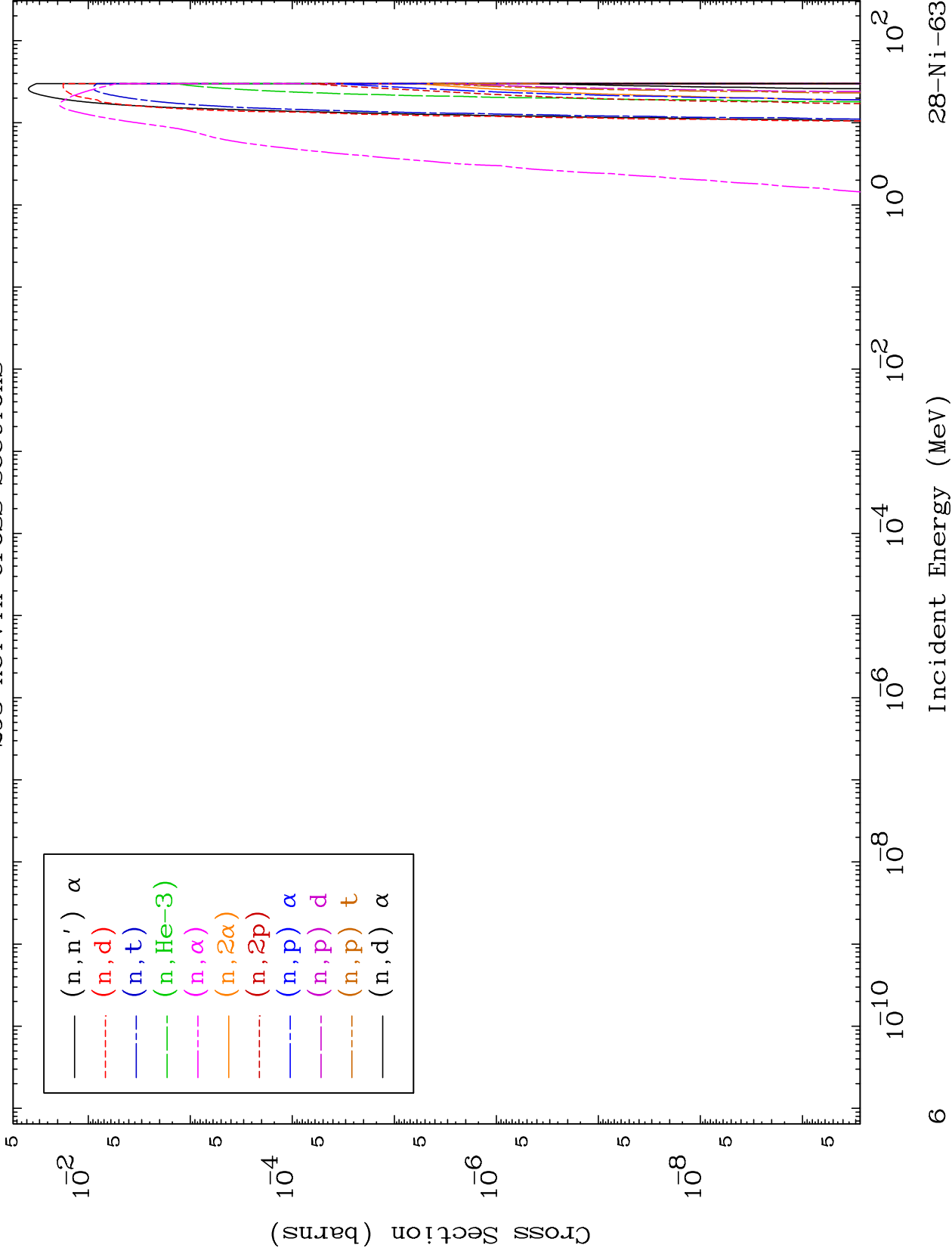
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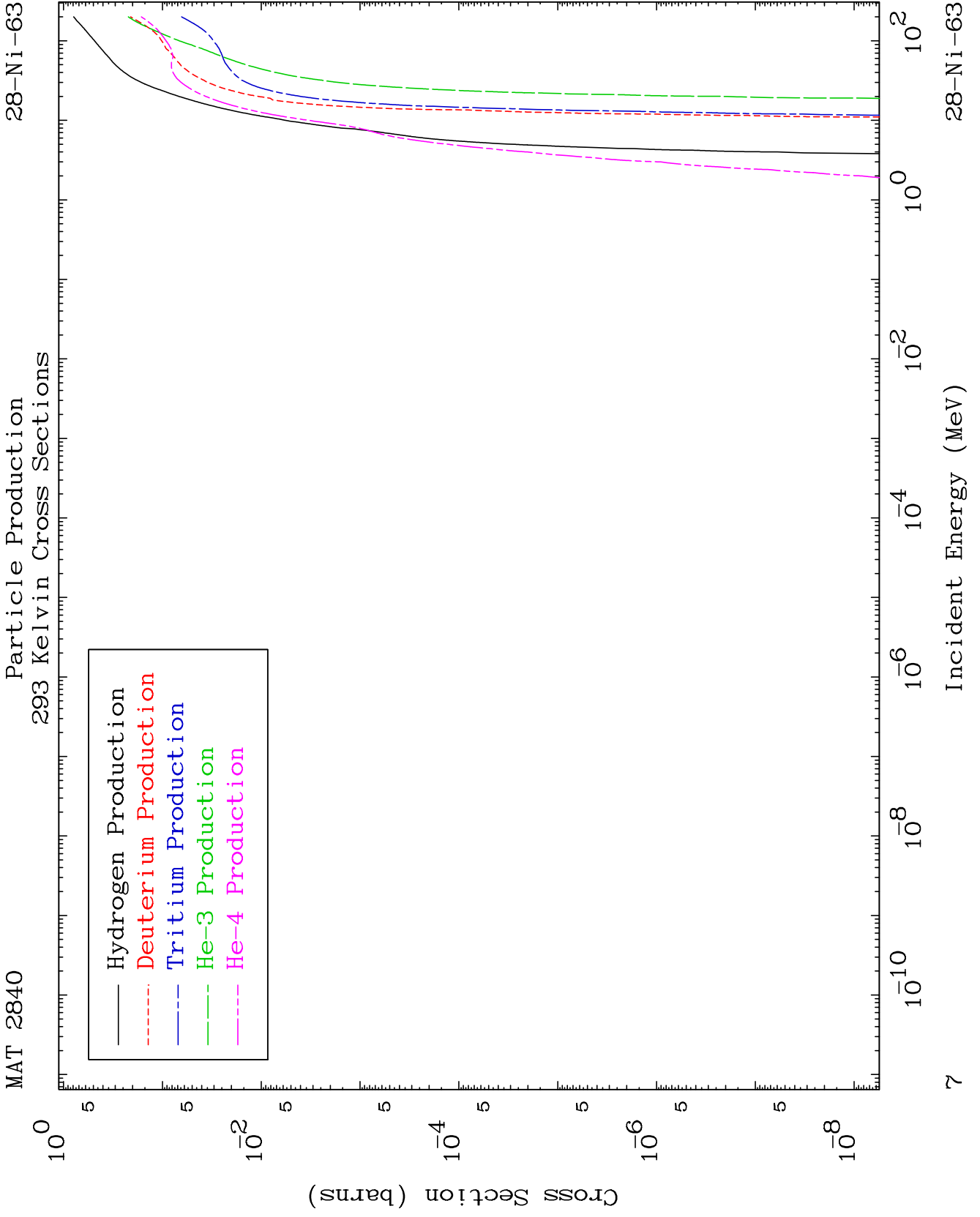
28-Ni-63

MAT 2840

Charged Particle  
293 Kelvin Cross Sections

28-Ni-63





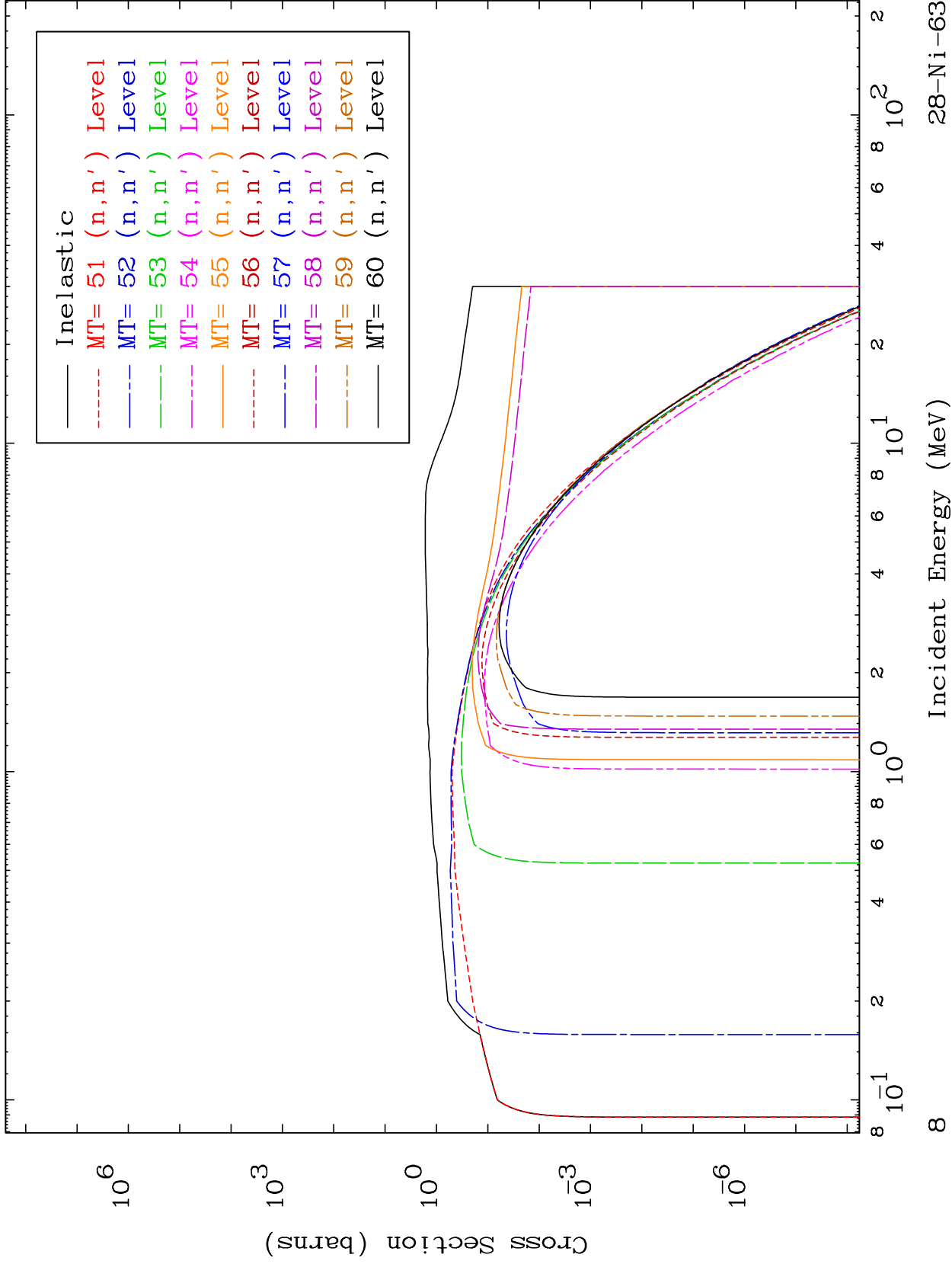


MAT 2840

(n,n') Levels

28-Ni-63

293 Kelvin Cross Sections



Incident Energy (MeV)

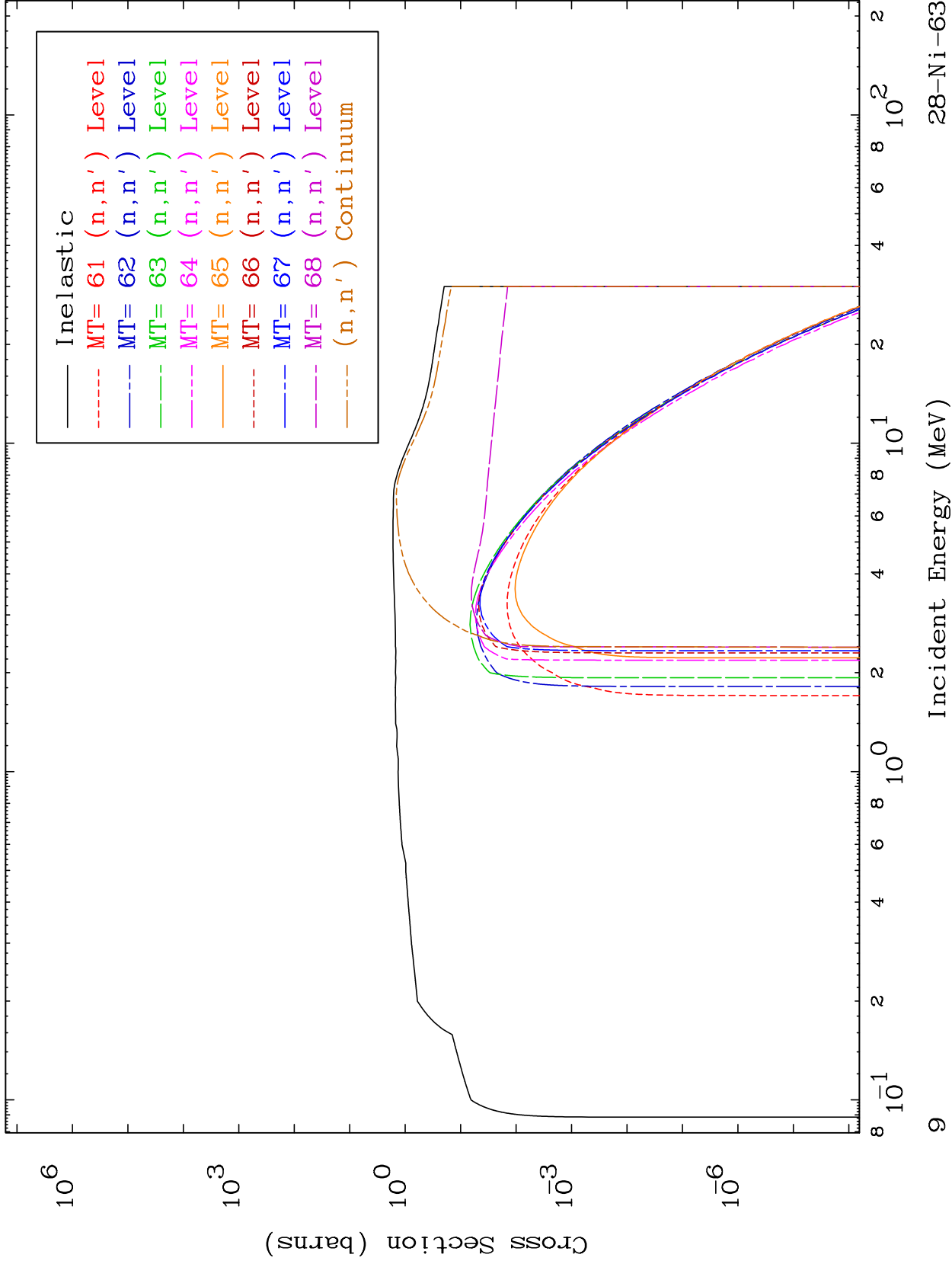
28-Ni-63

MAT 2840

(n,n') Levels

293 Kelvin Cross Sections

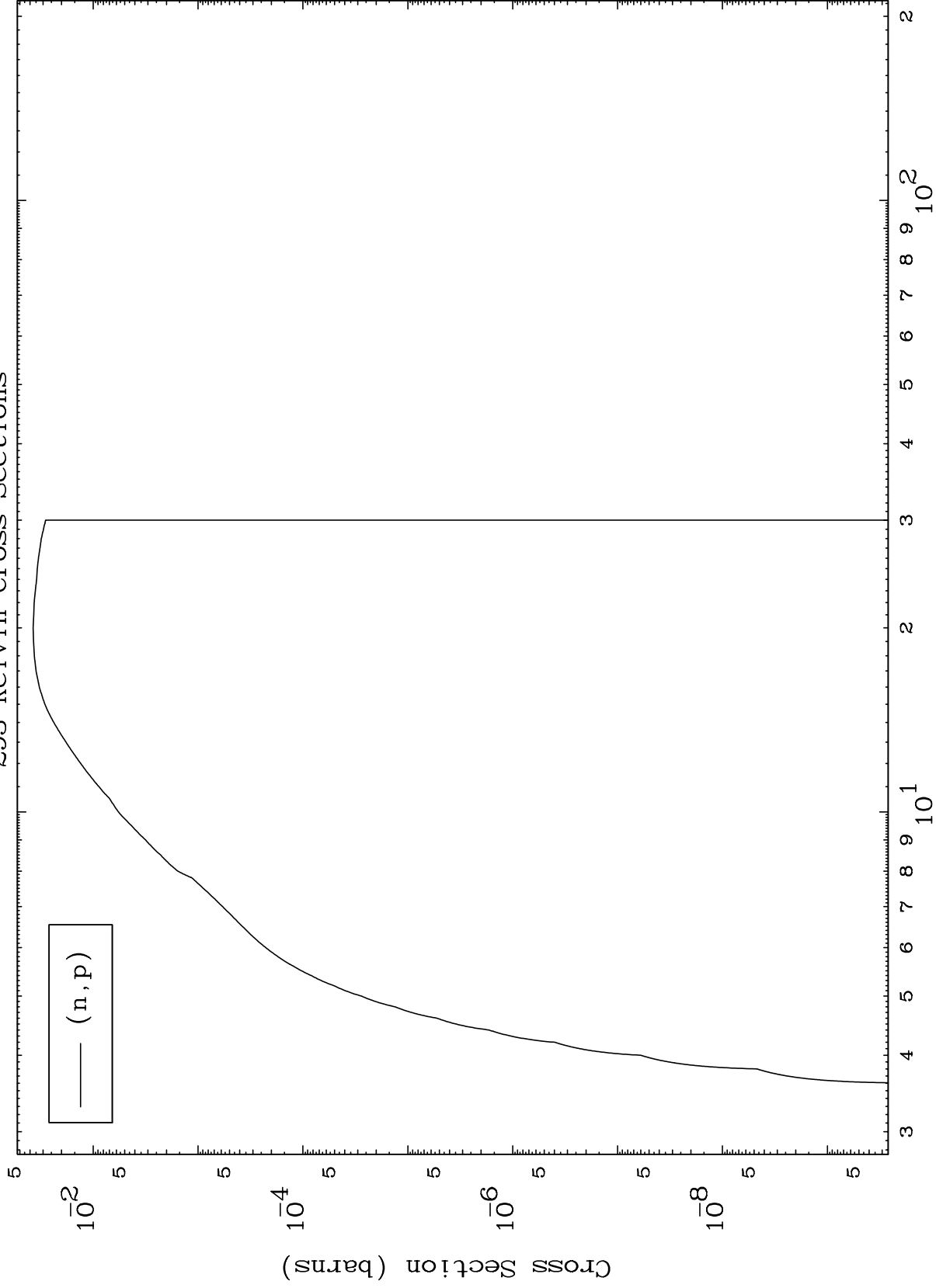
28-Ni-63



MAT 2840

(n,p) Levels  
293 Kelvin Cross Sections

28-Ni-63



Incident Energy (MeV)

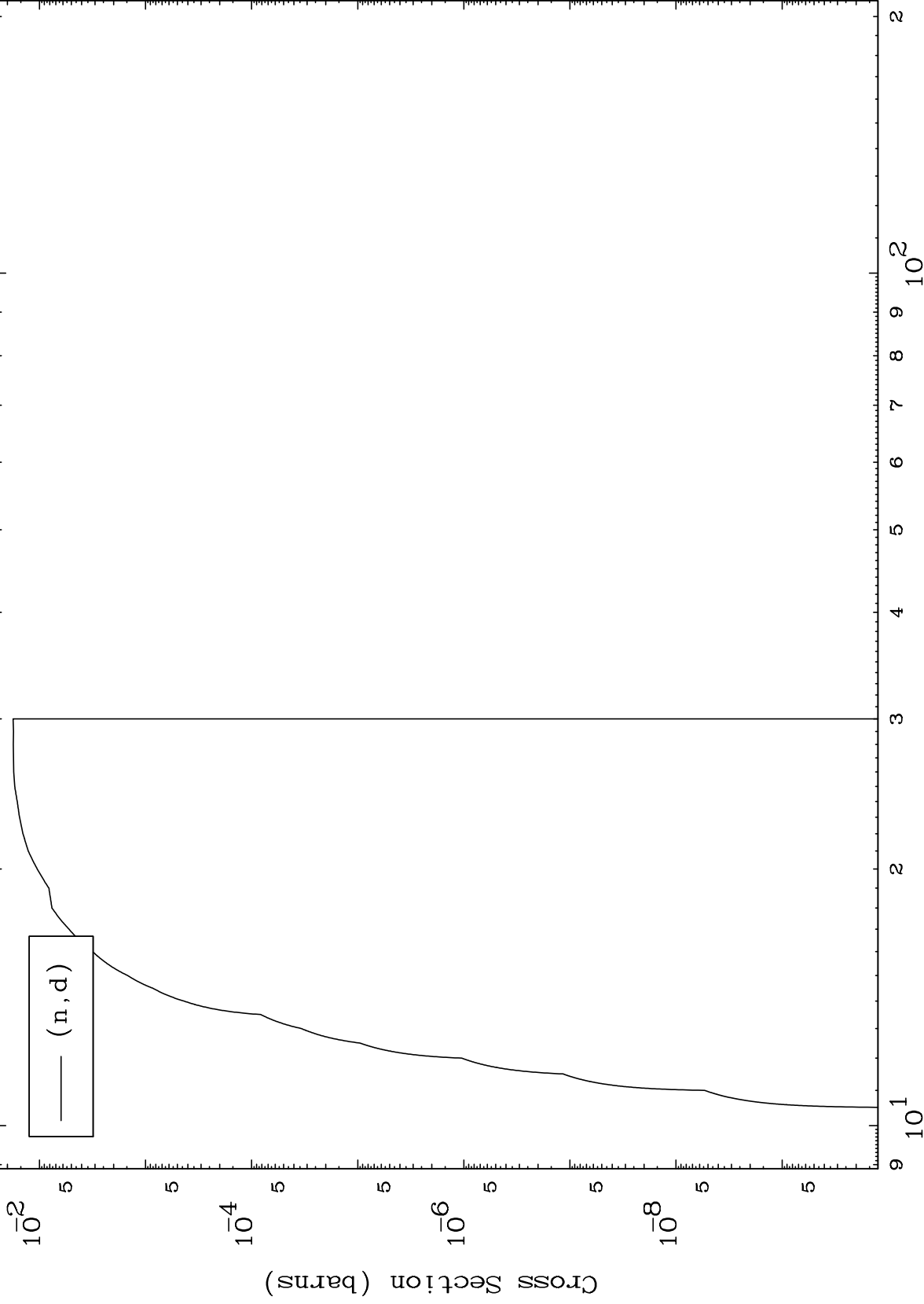
28-Ni-63

10

MAT 2840

(n,d) Levels  
293 Kelvin Cross Sections

28-Ni-63



11

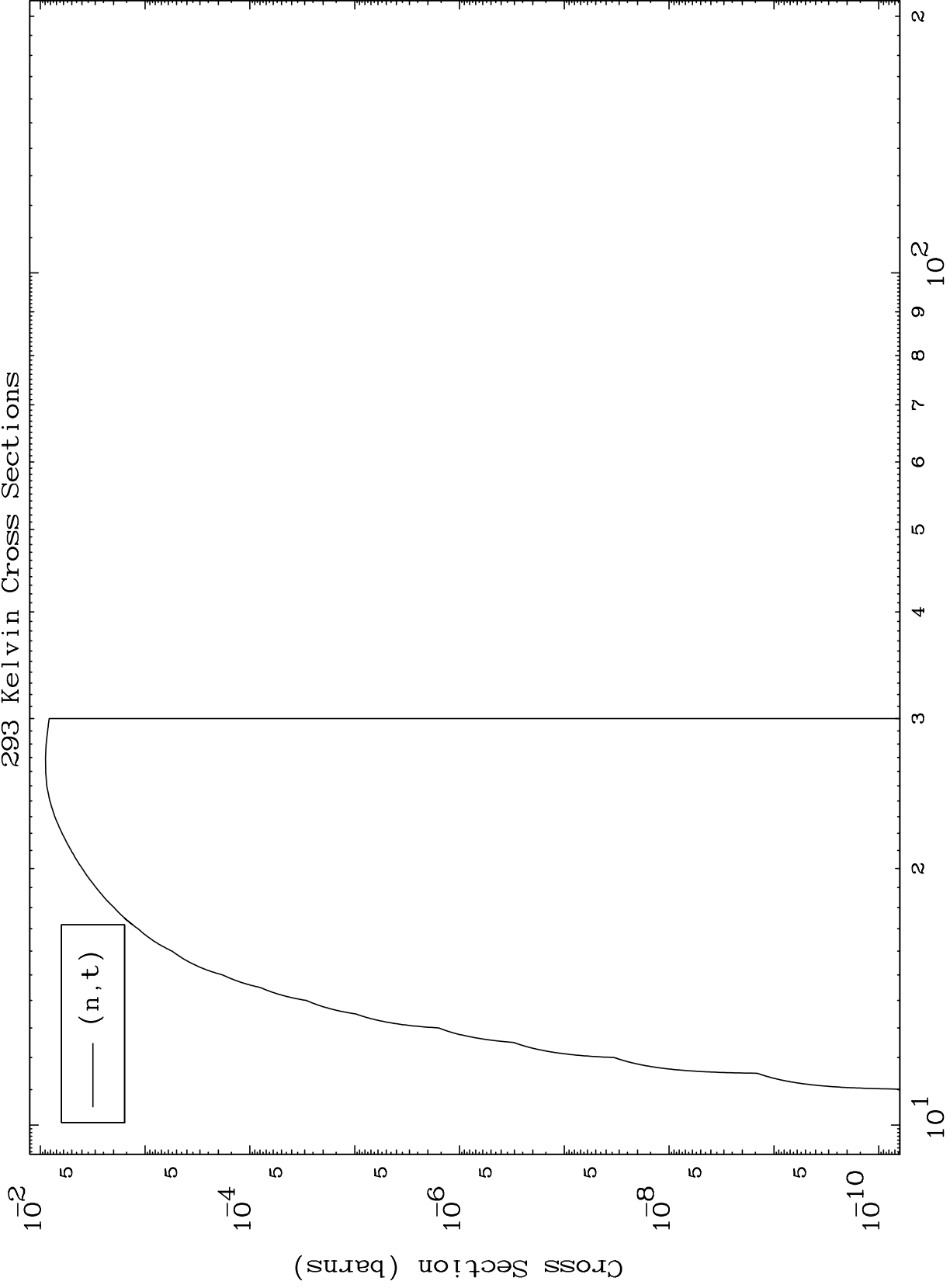
Incident Energy (MeV)

28-Ni-63

MAT 2840

(n,t) Levels  
293 Kelvin Cross Sections

28-Ni-63



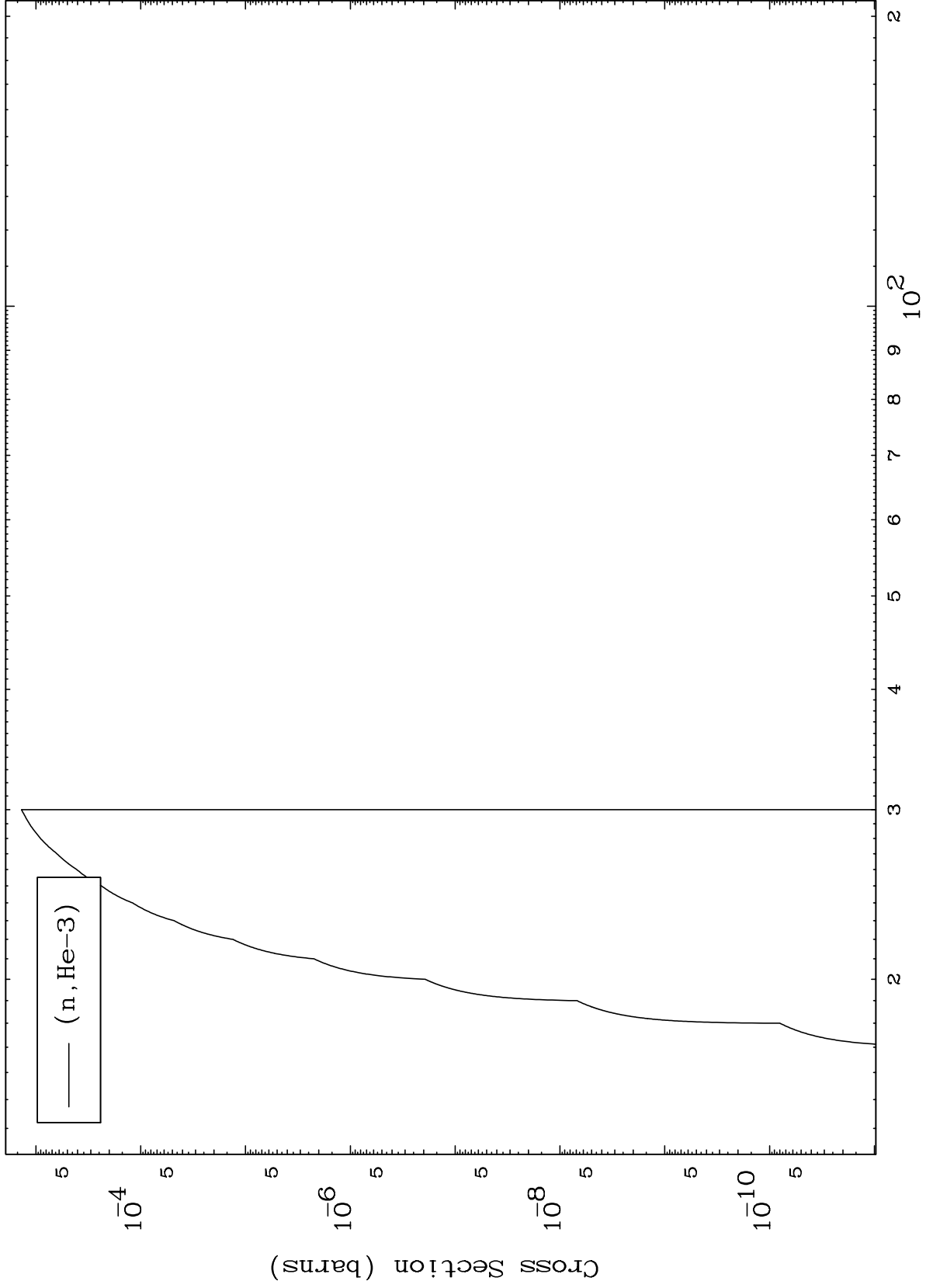
Incident Energy (MeV)

28-Ni-63

MAT 2840

(n,He3) Levels  
293 Kelvin Cross Sections

28-Ni-63



13

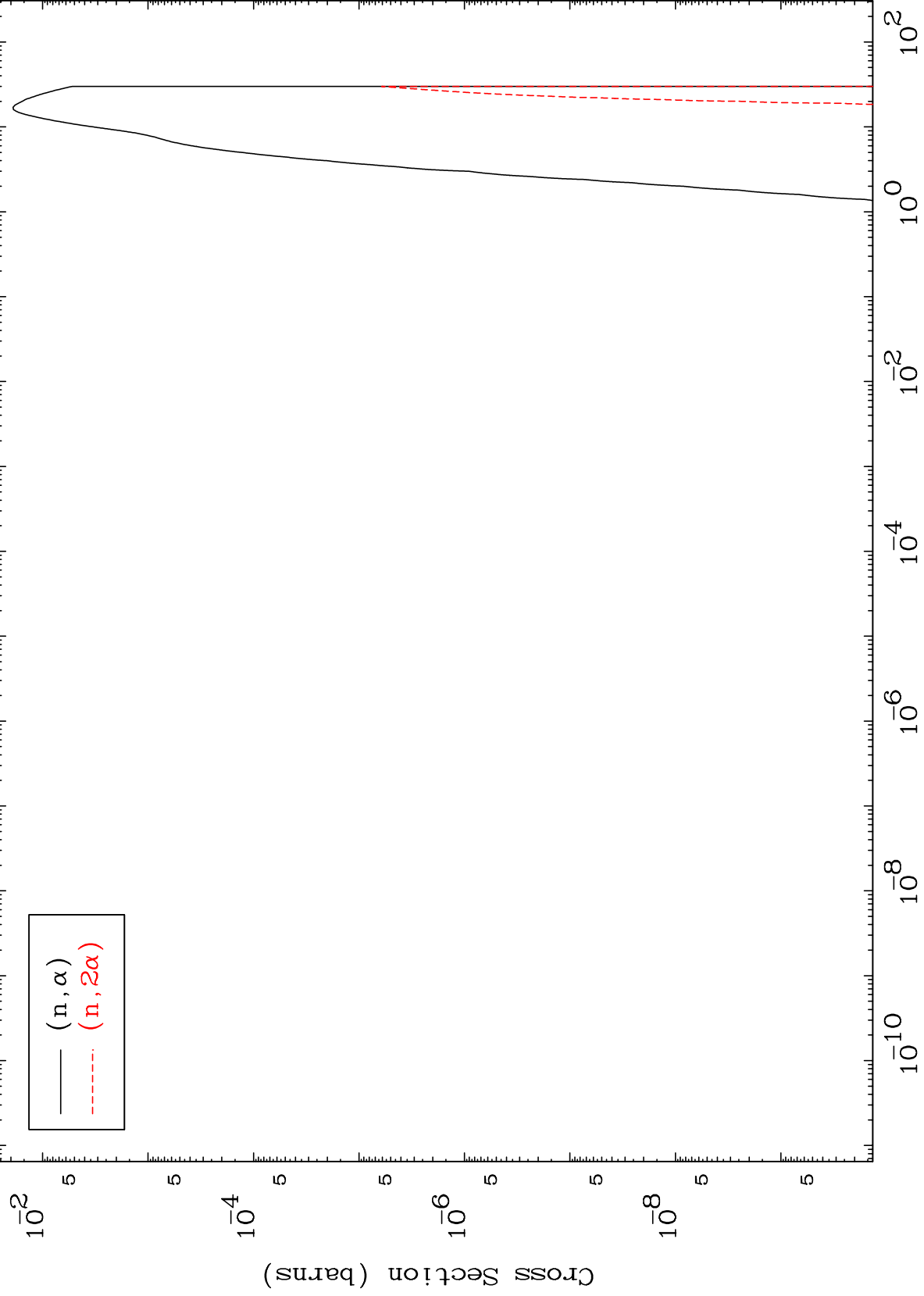
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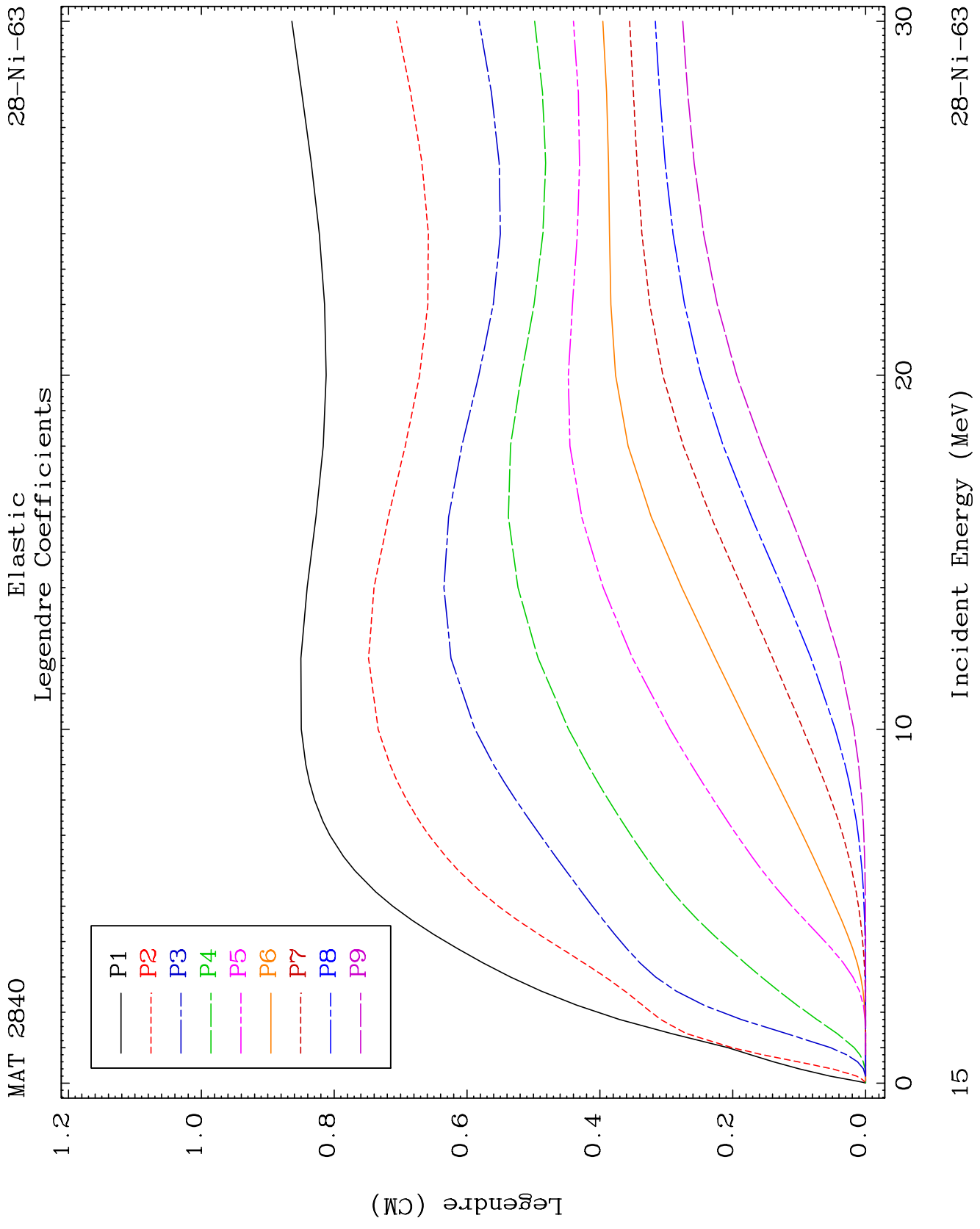
28-Ni-63

MAT 2840

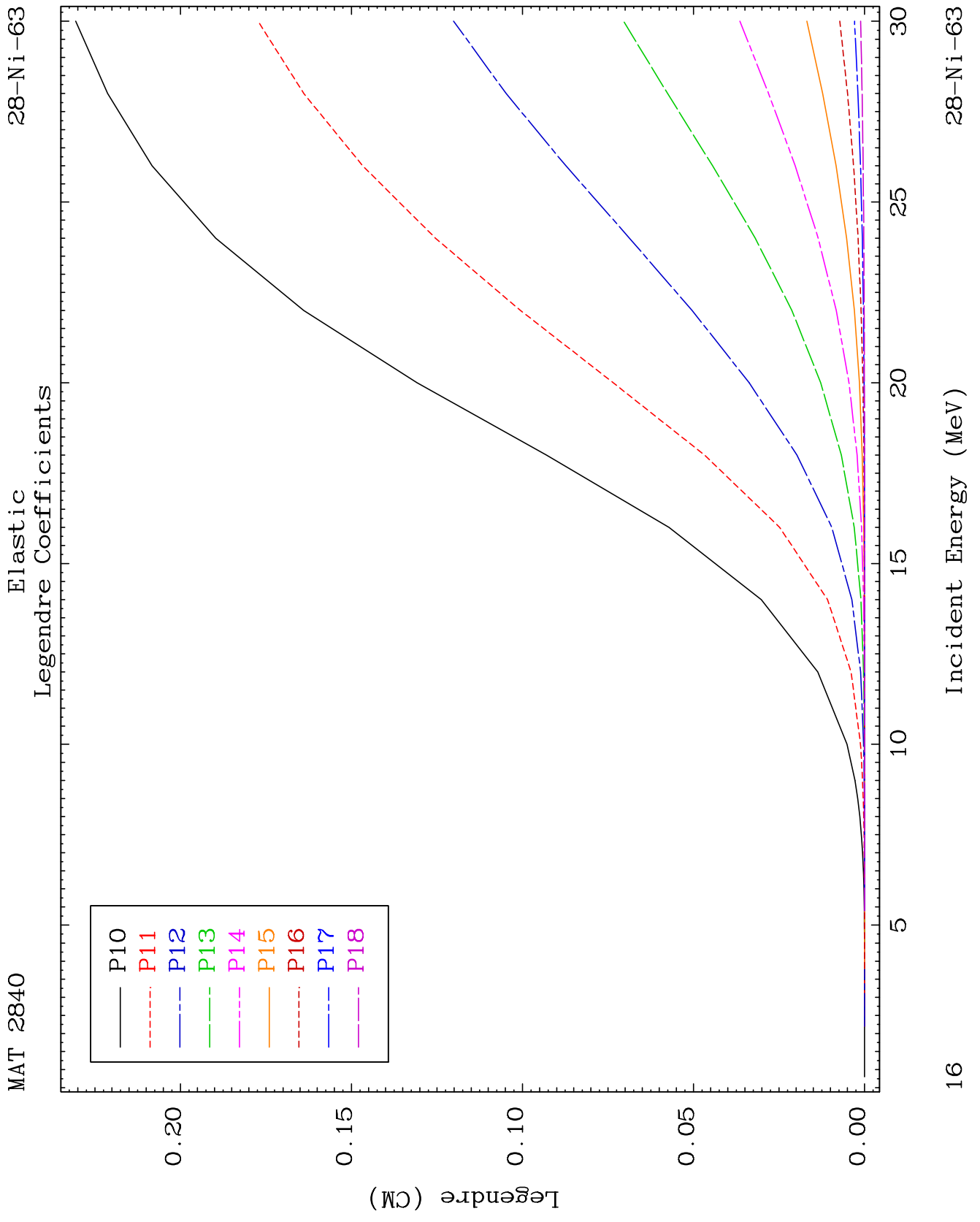
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

28-Ni-63

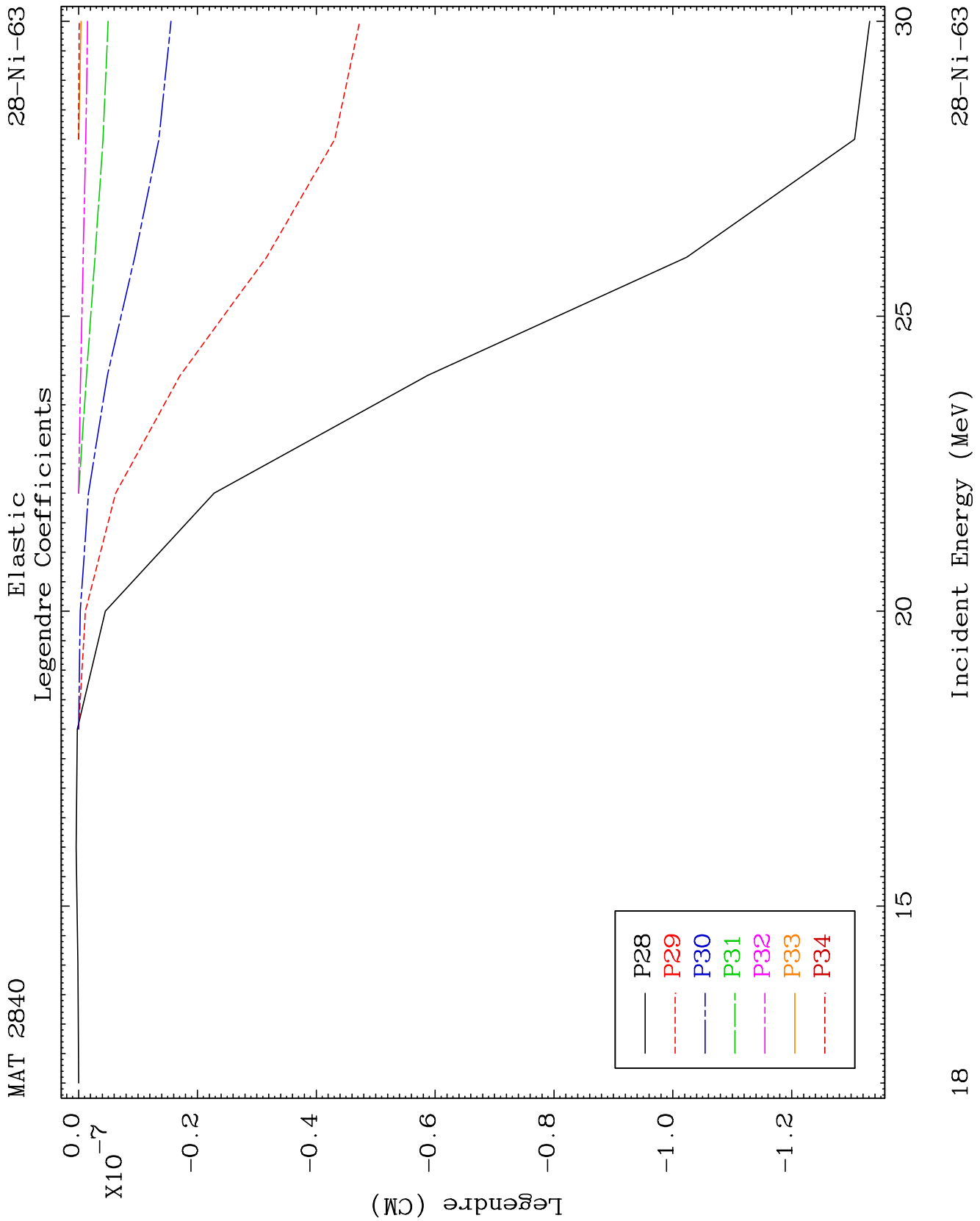


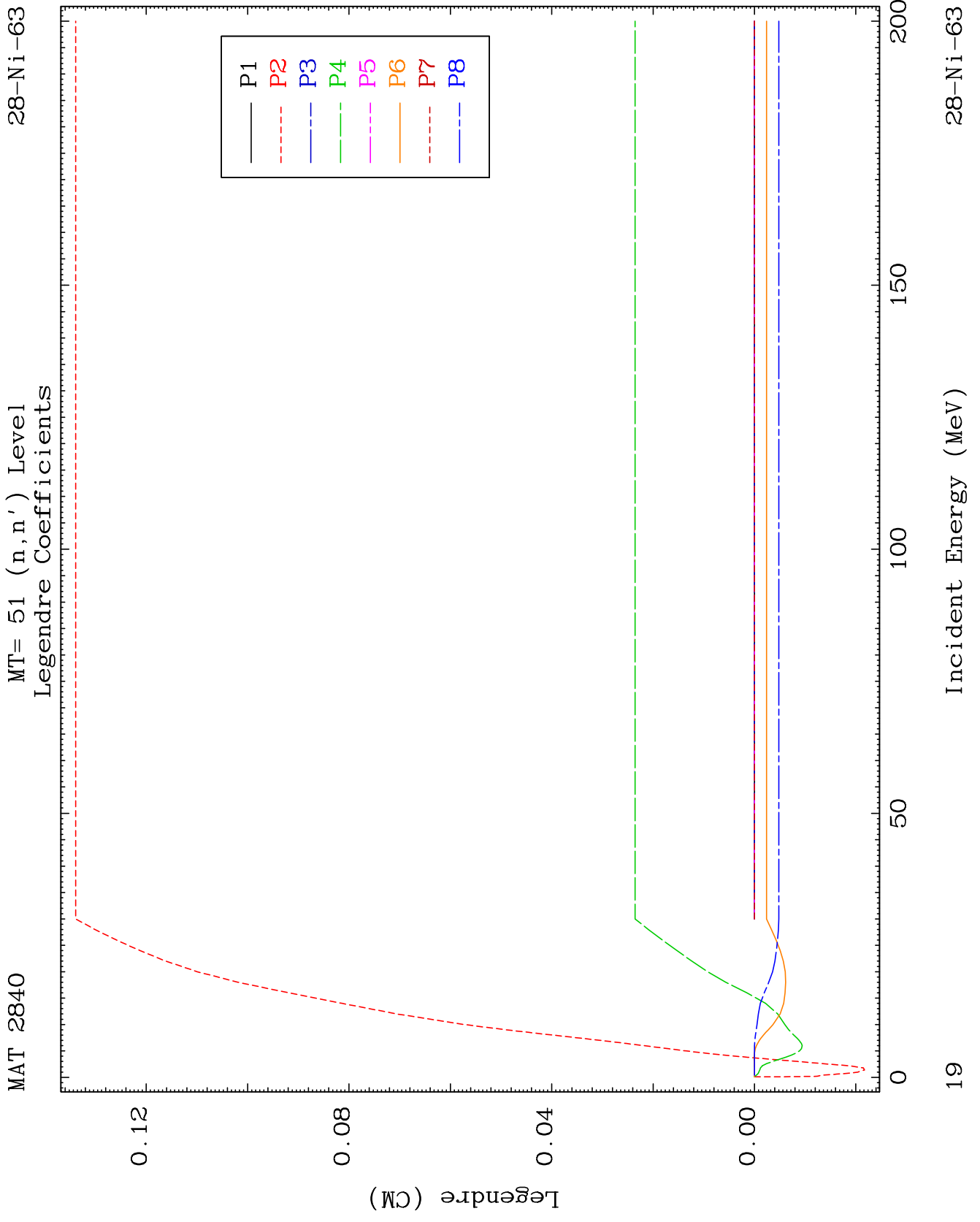




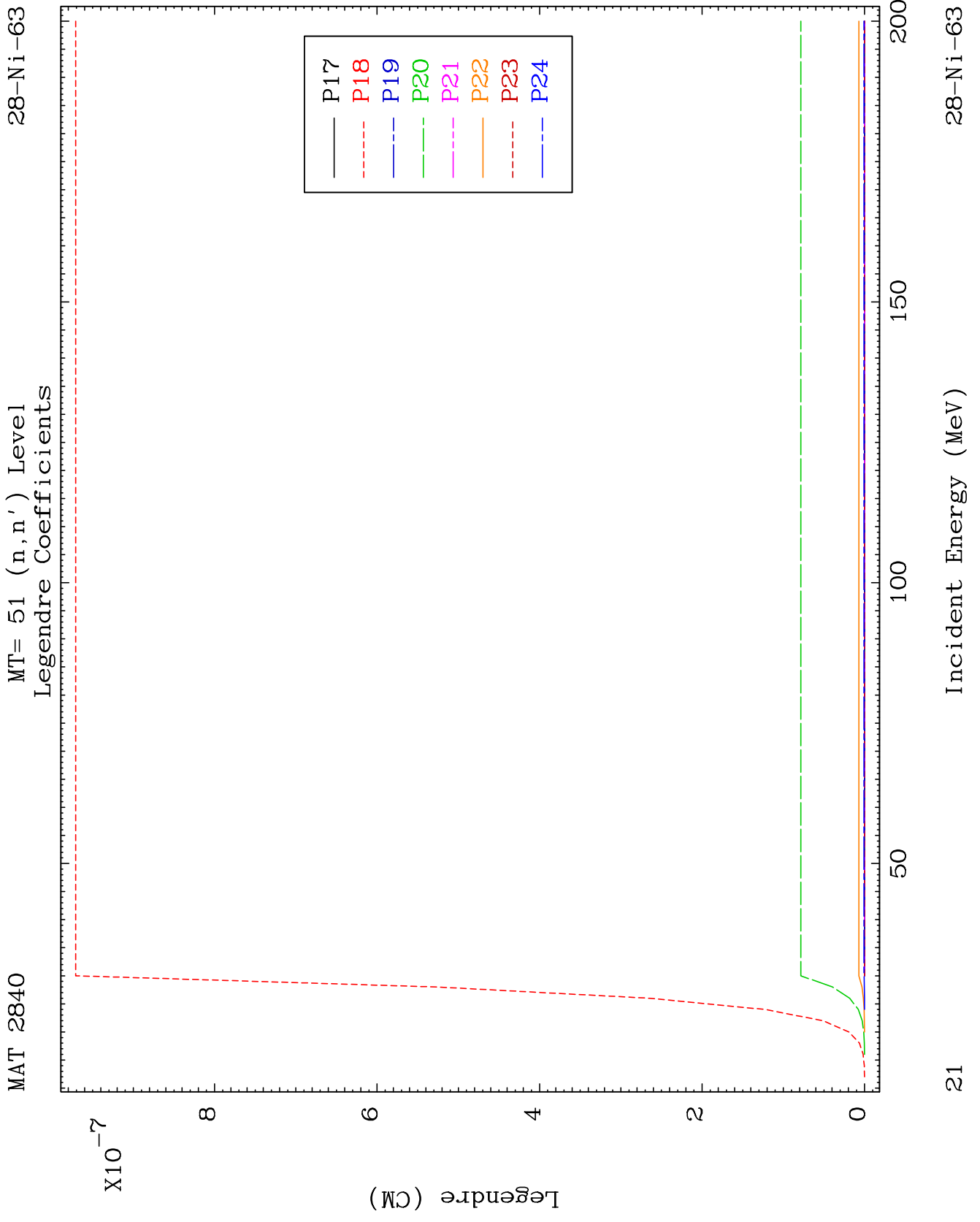


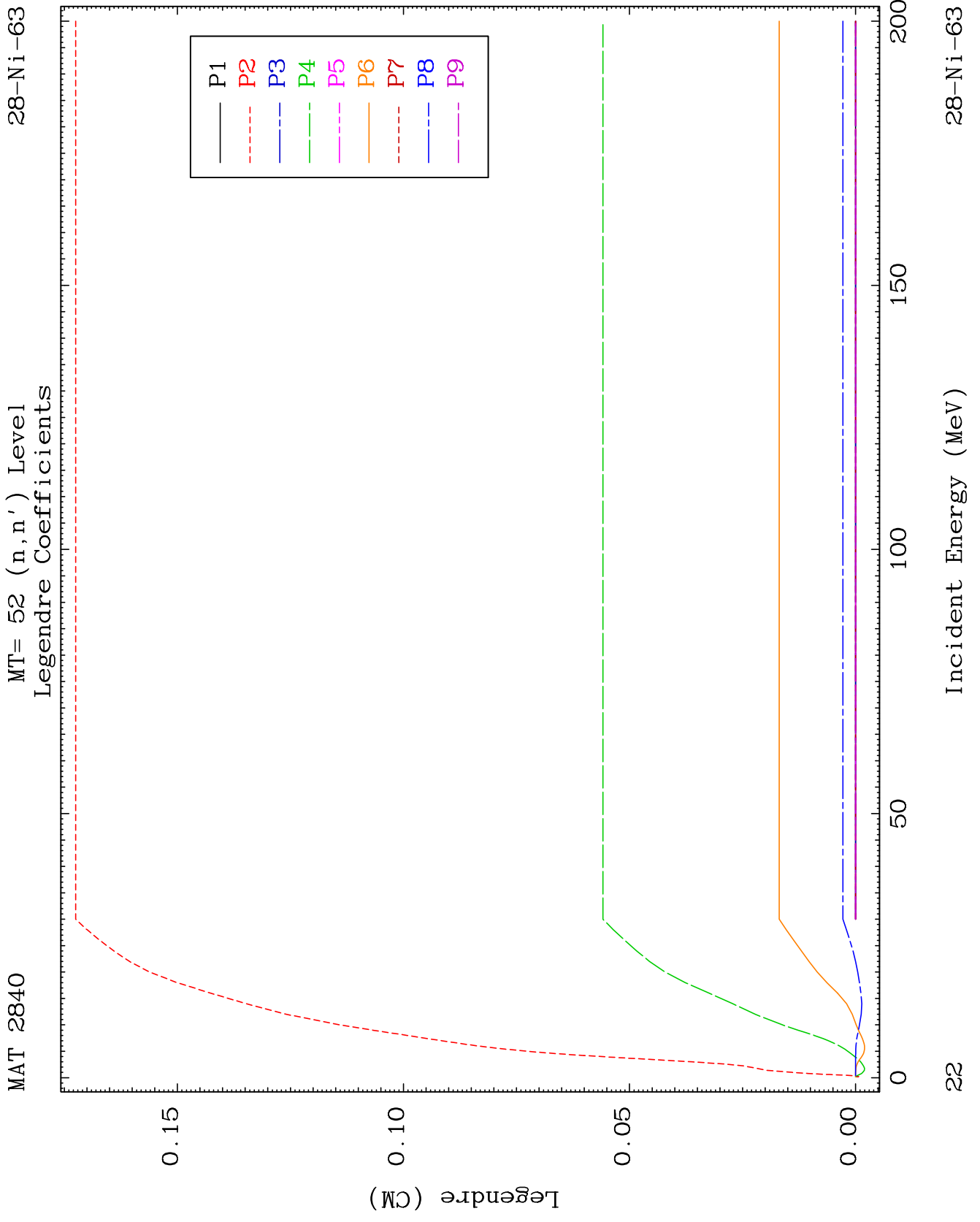






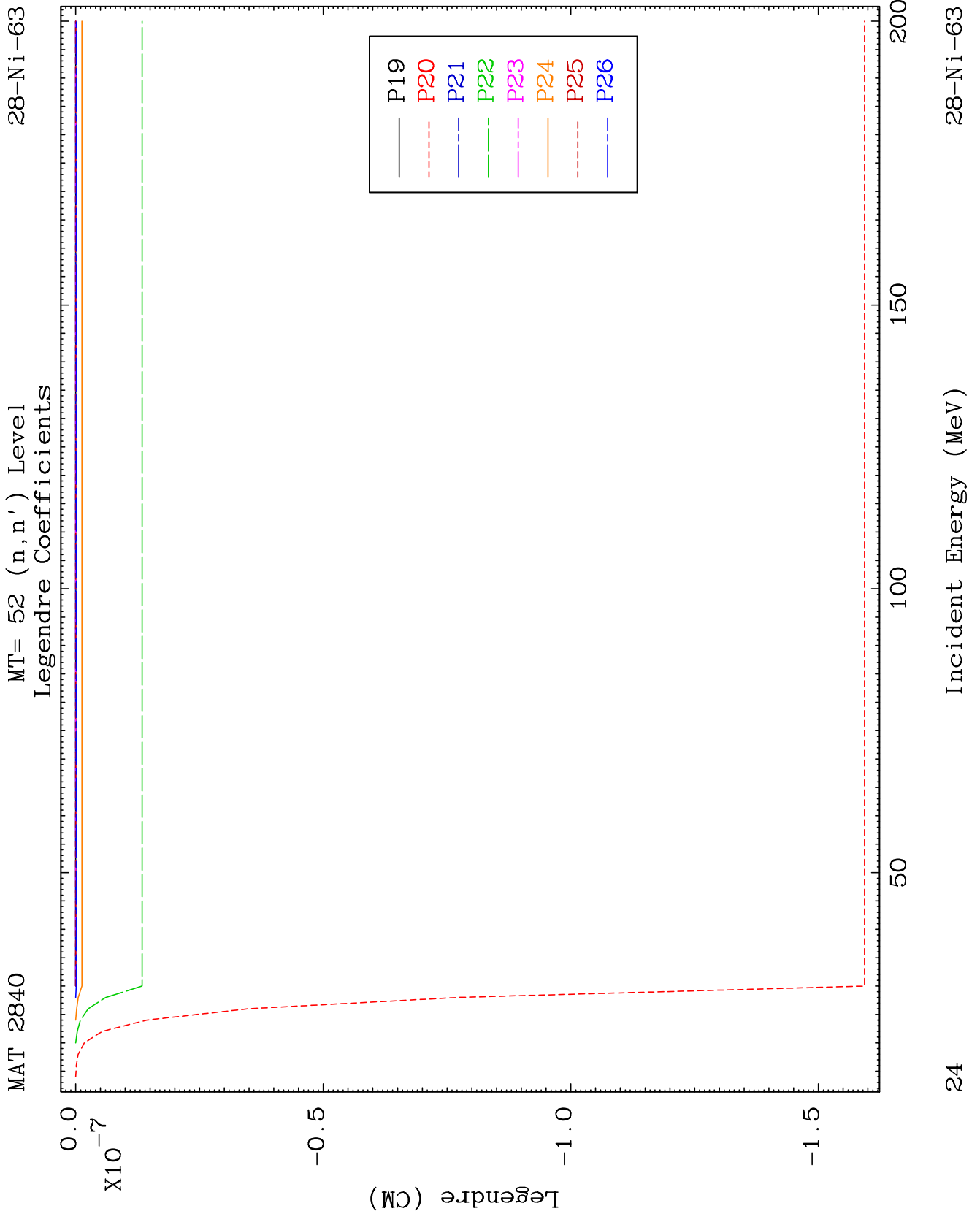






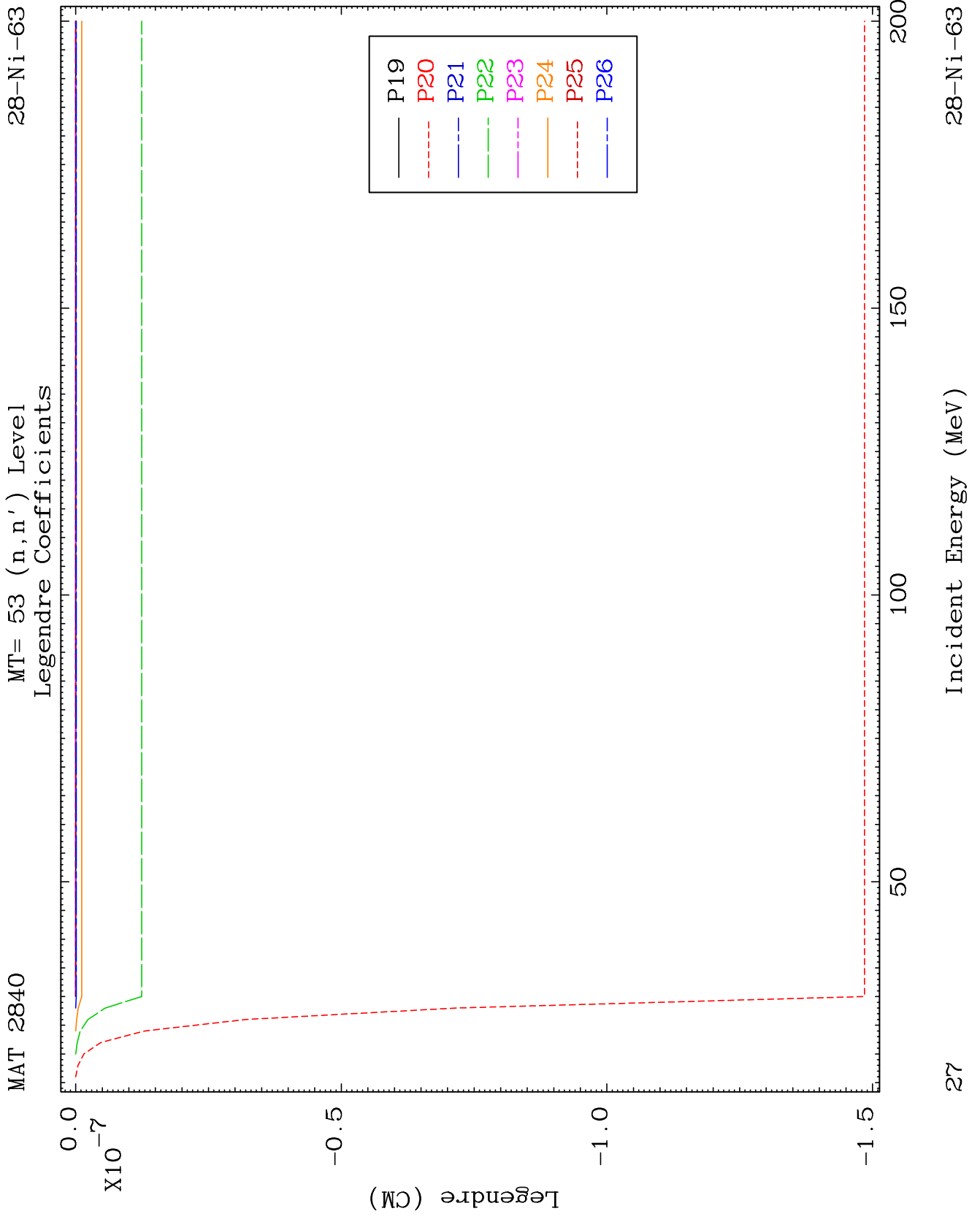


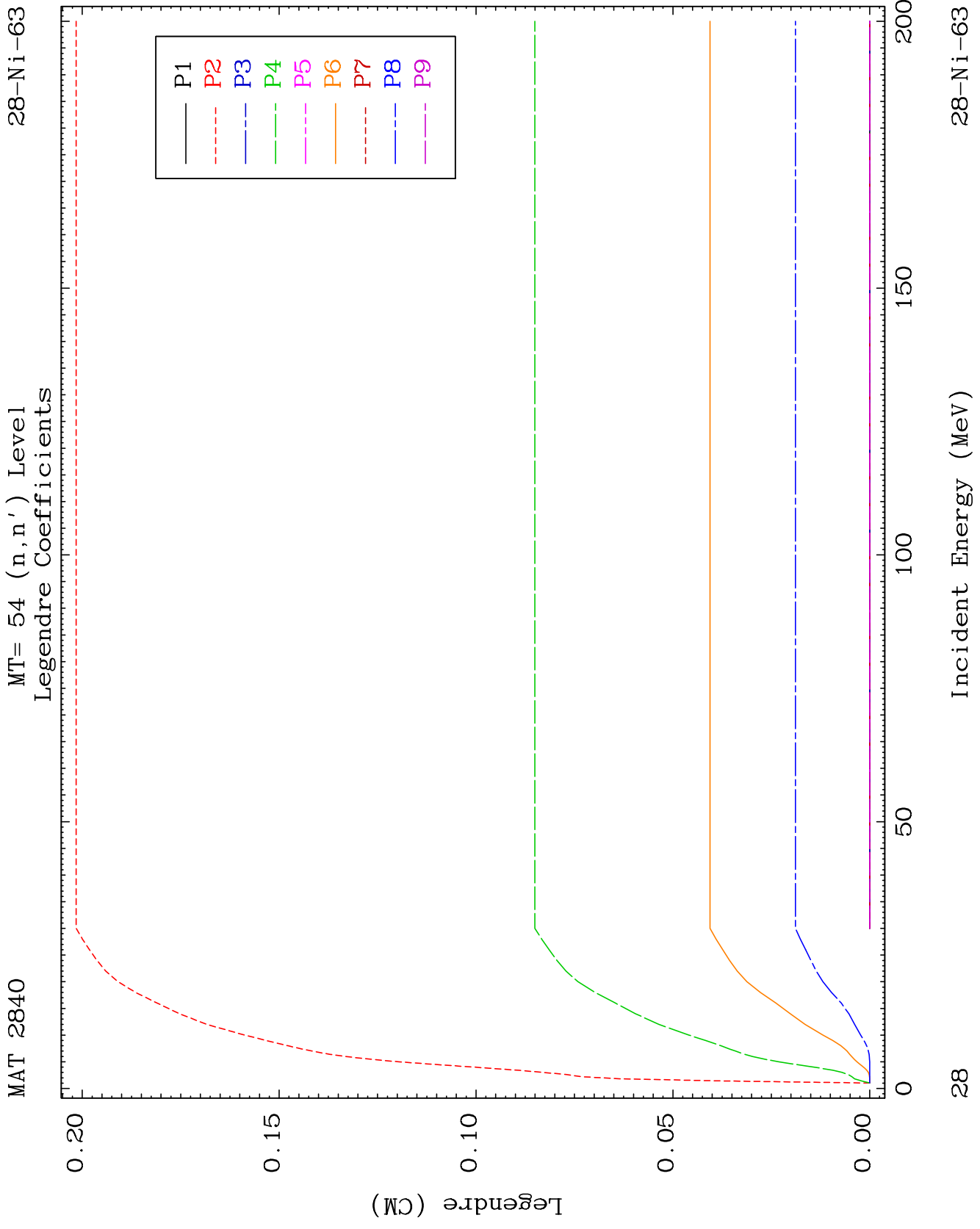








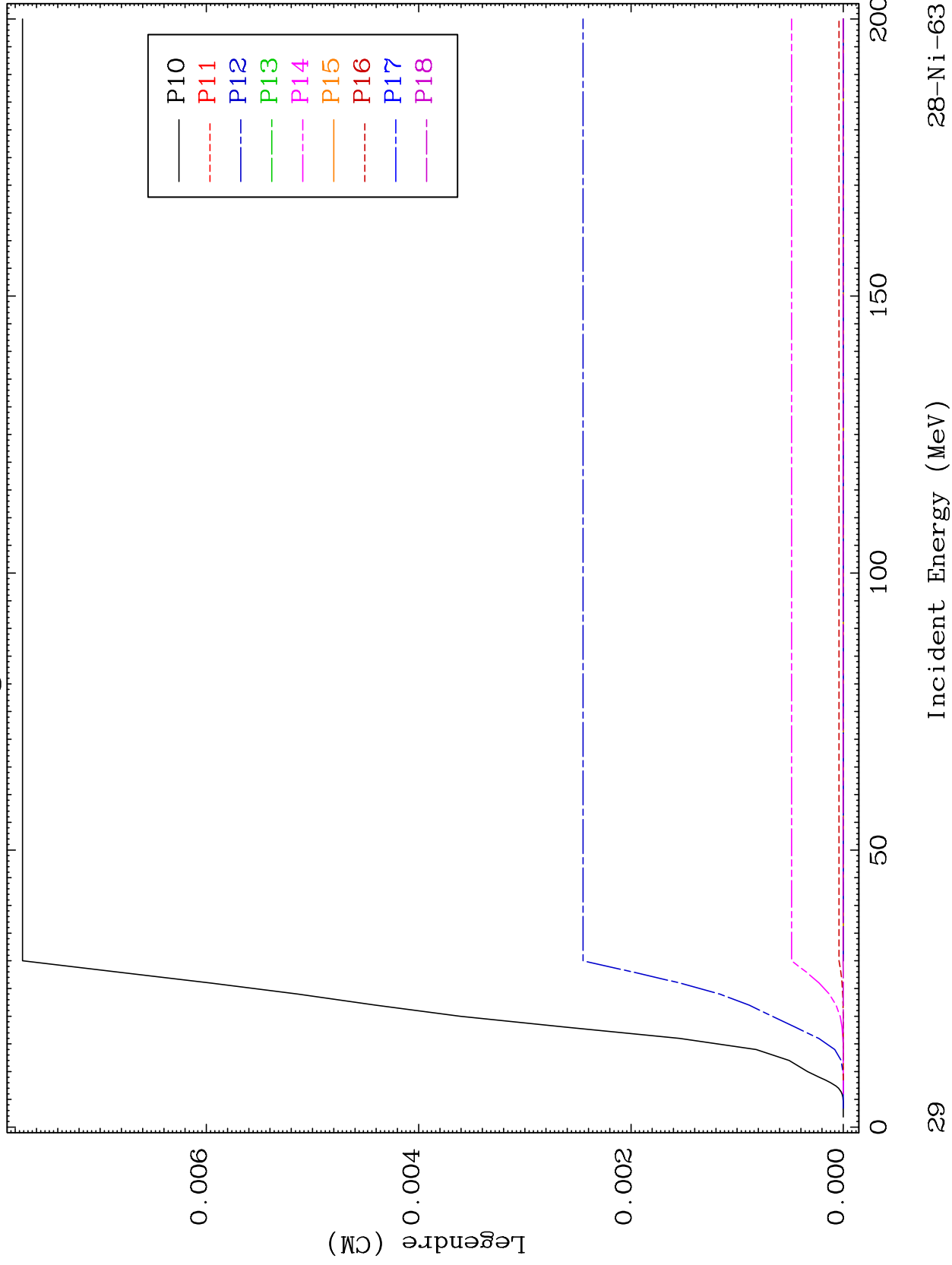




MAT 2840

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

28-Ni-63



28-Ni-63

Incident Energy (MeV)

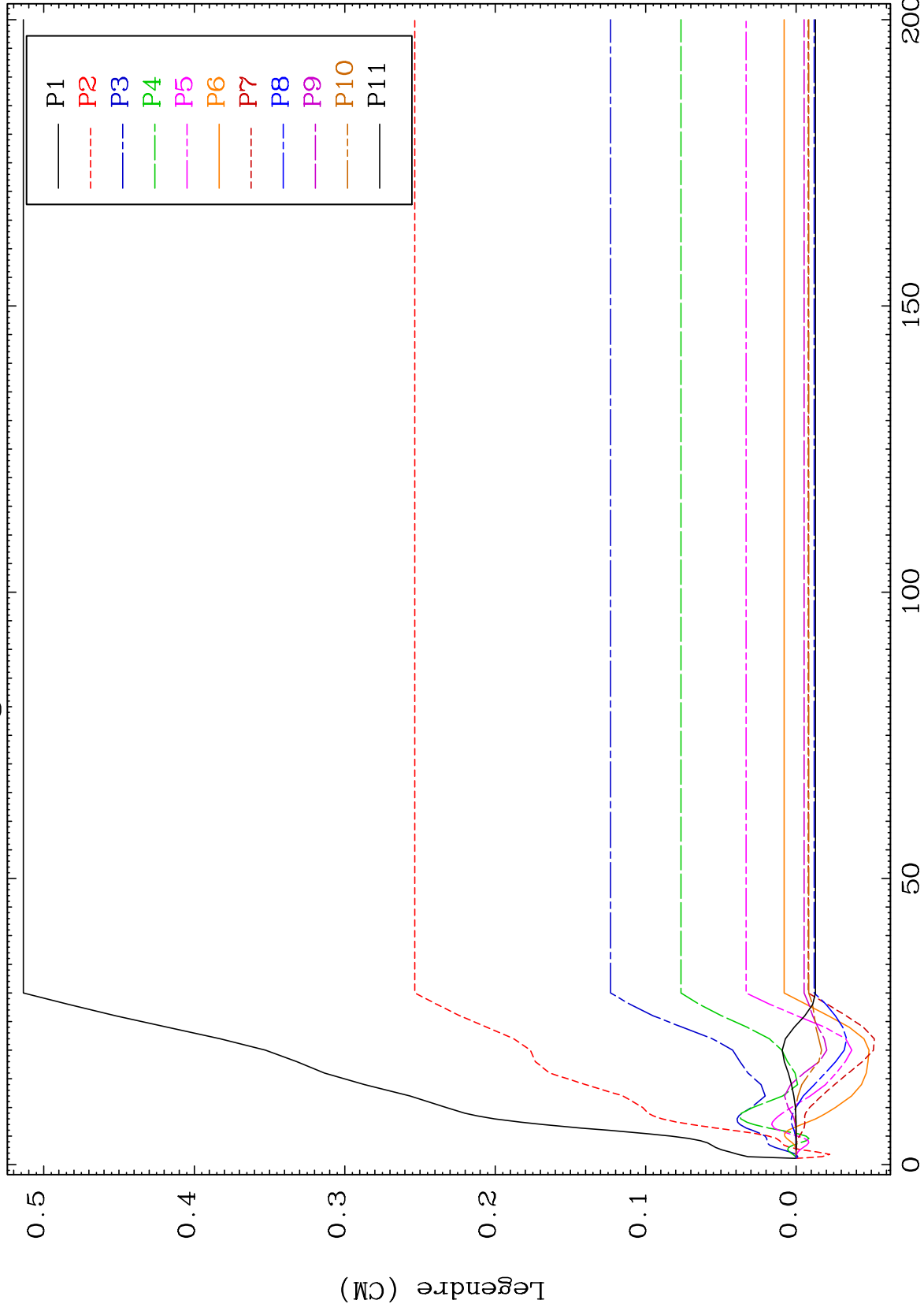
29



MAT 2840

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

28-Ni-63



31

Incident Energy (MeV)

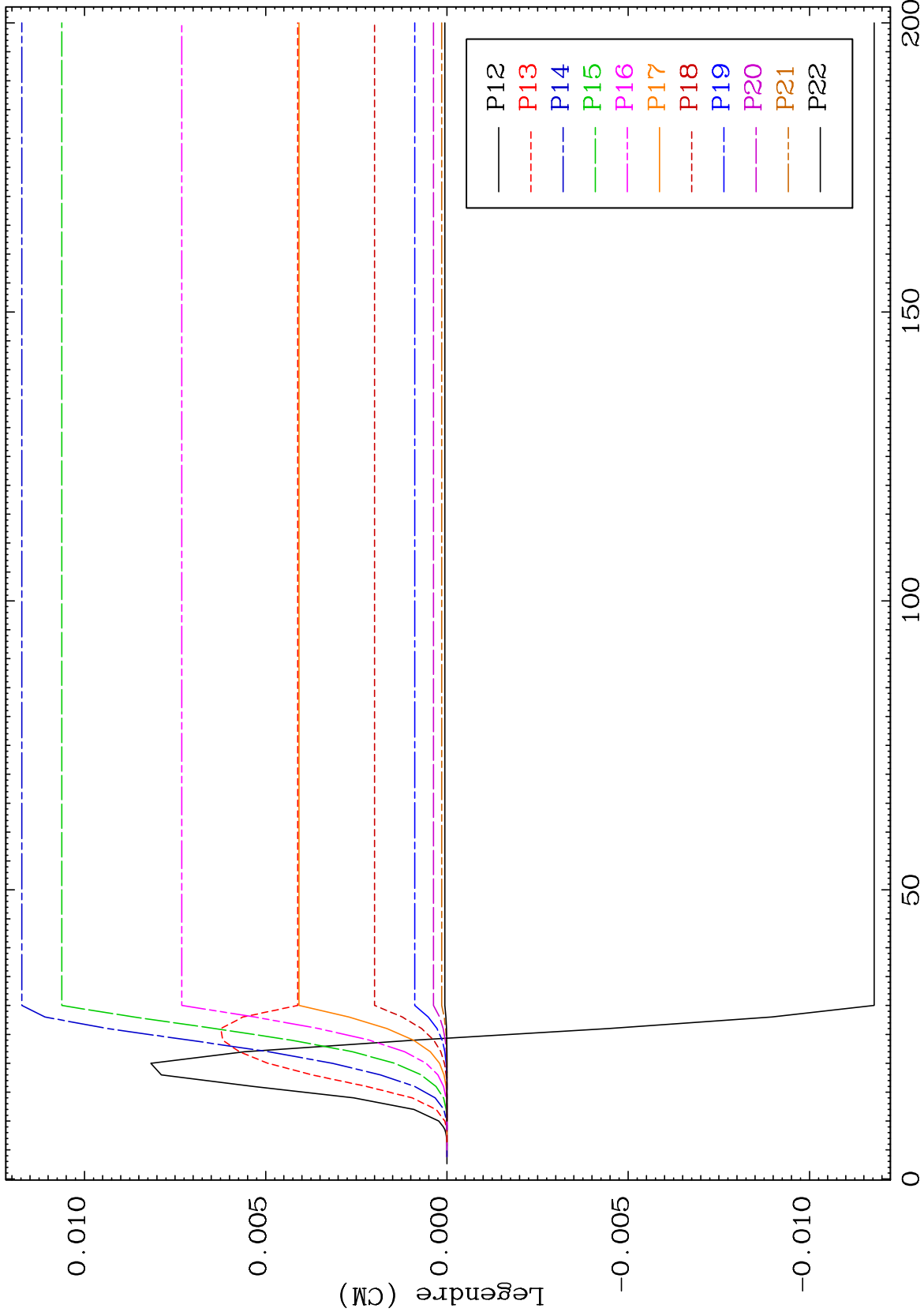
28-Ni-63



MAT 2840

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

28-Ni-63



32

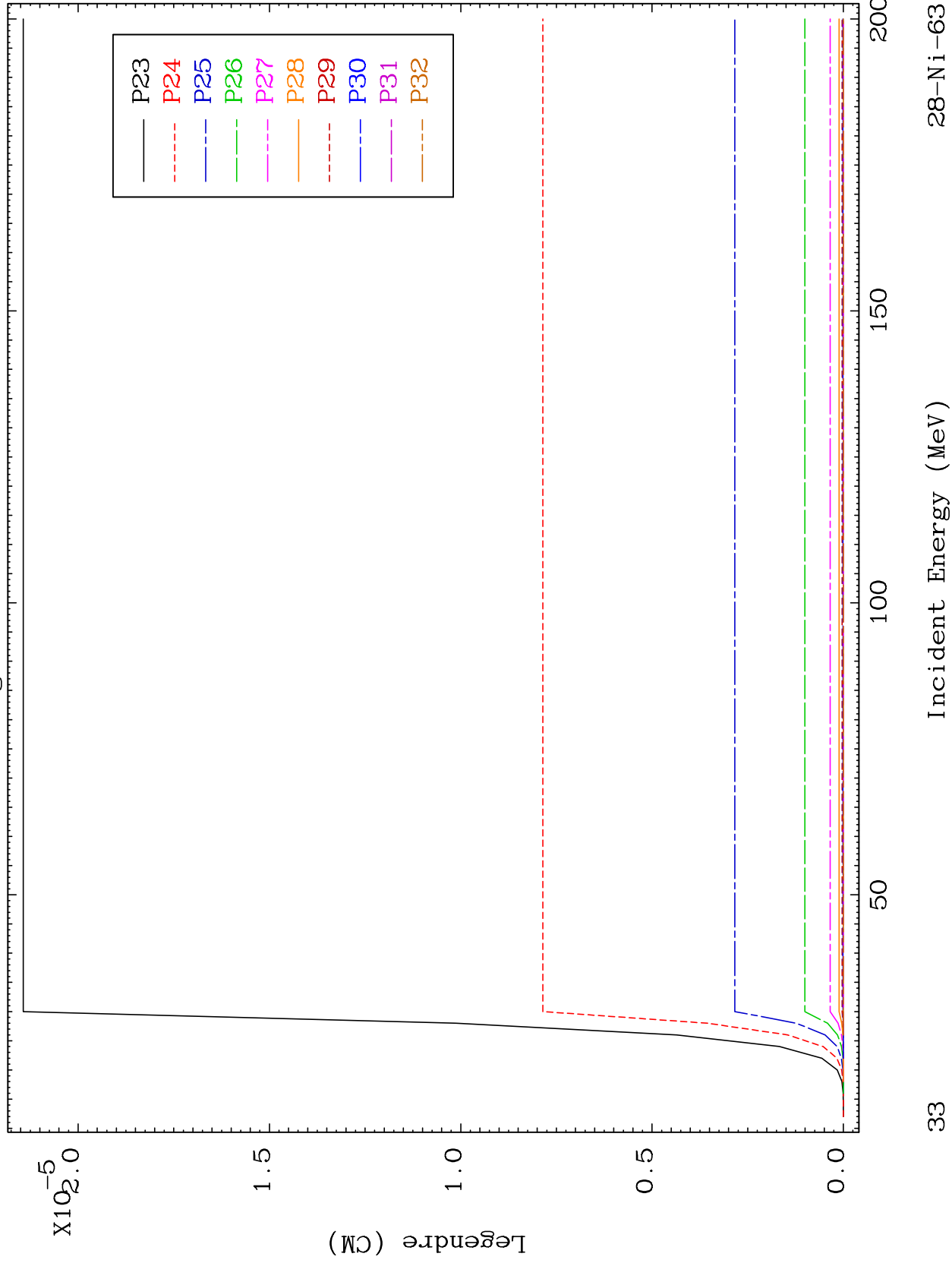
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

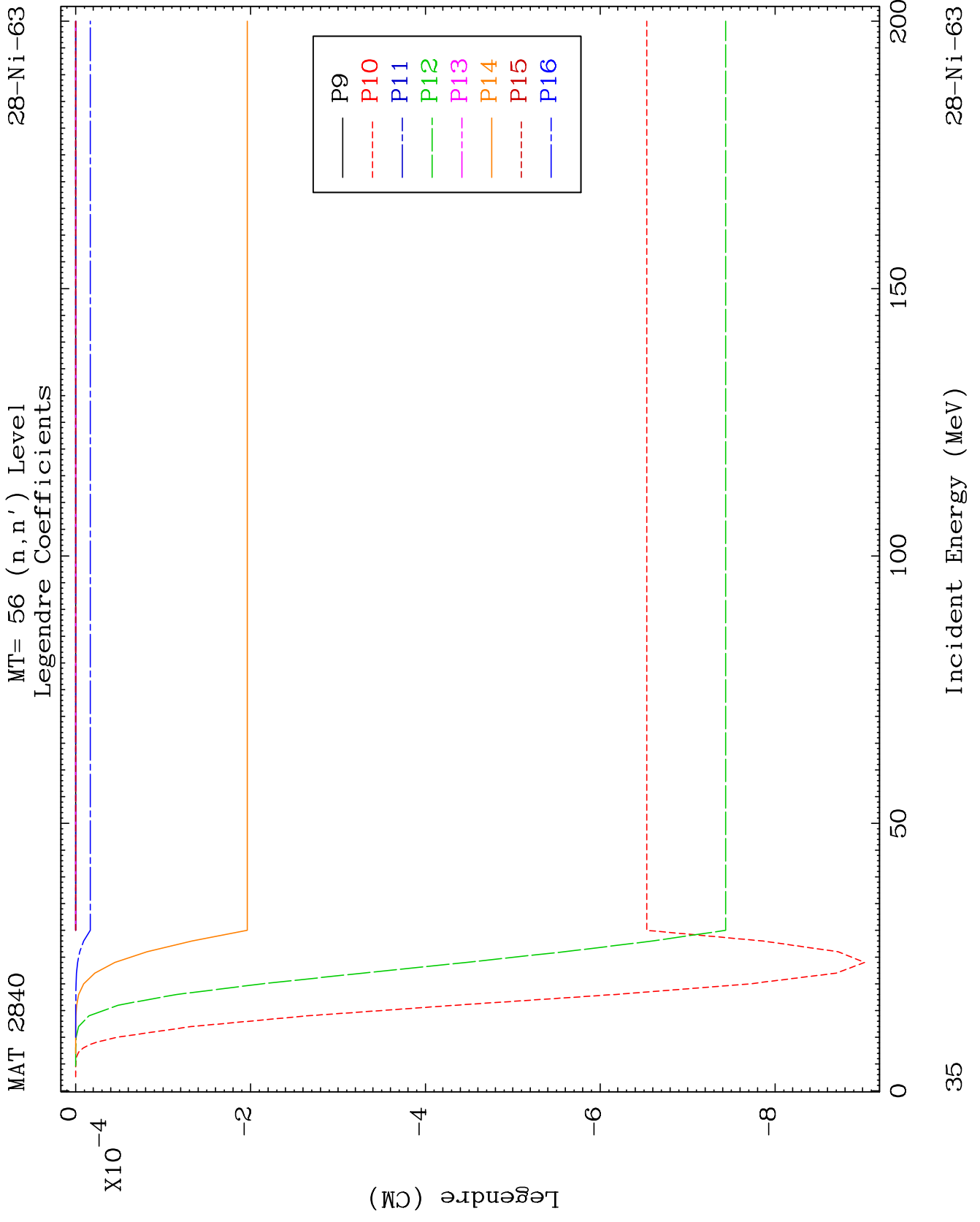
28-Ni-63

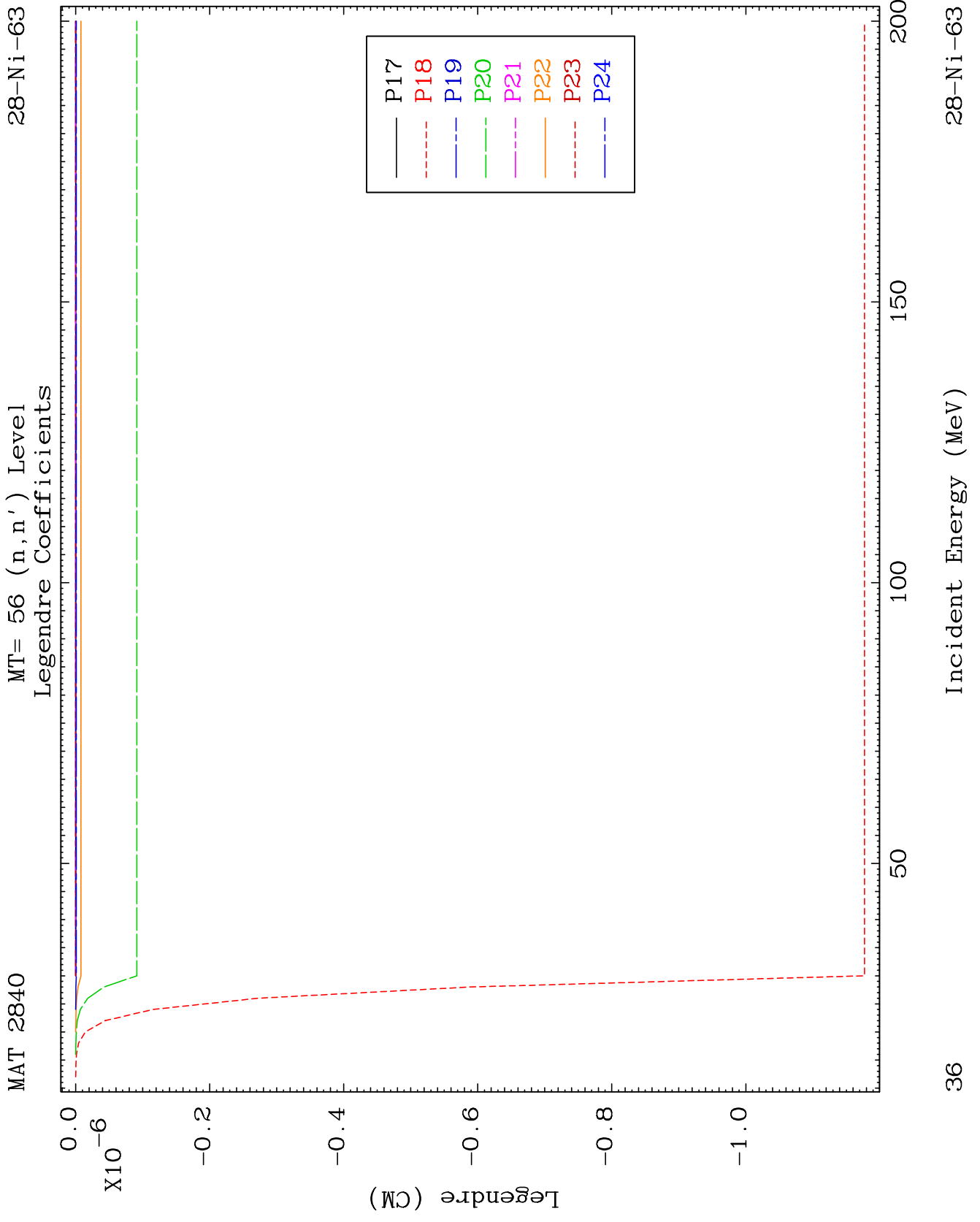


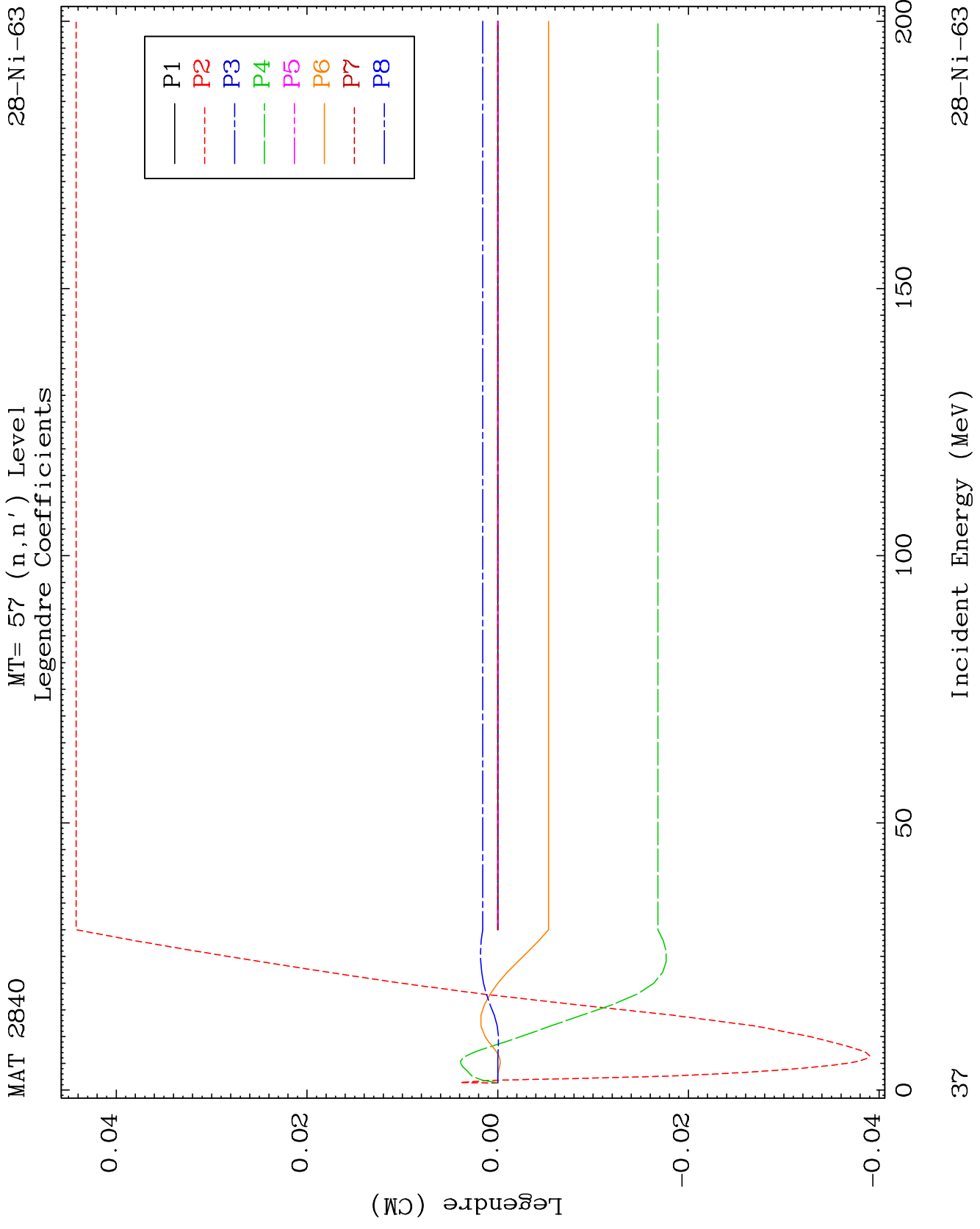
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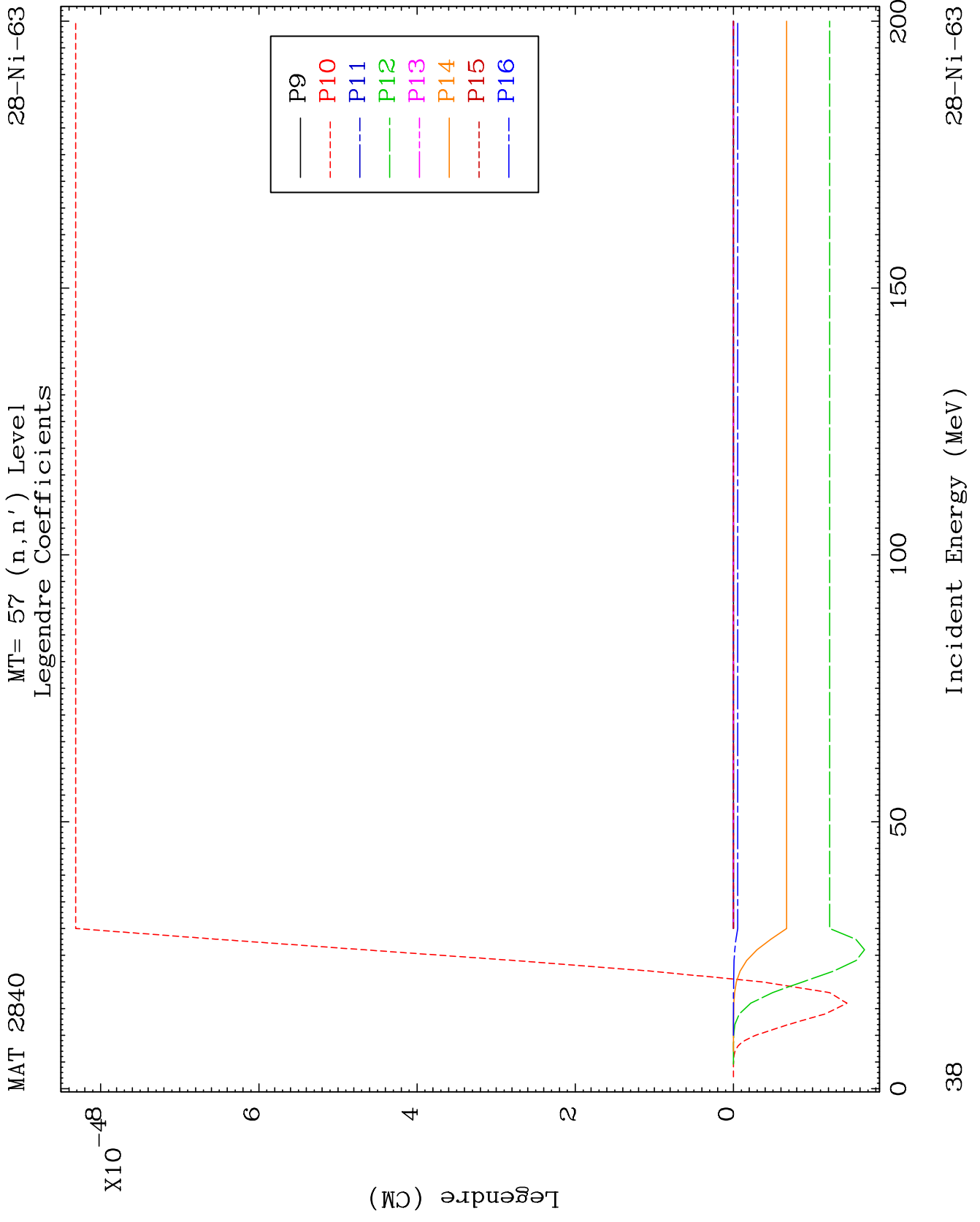
28-Ni-63

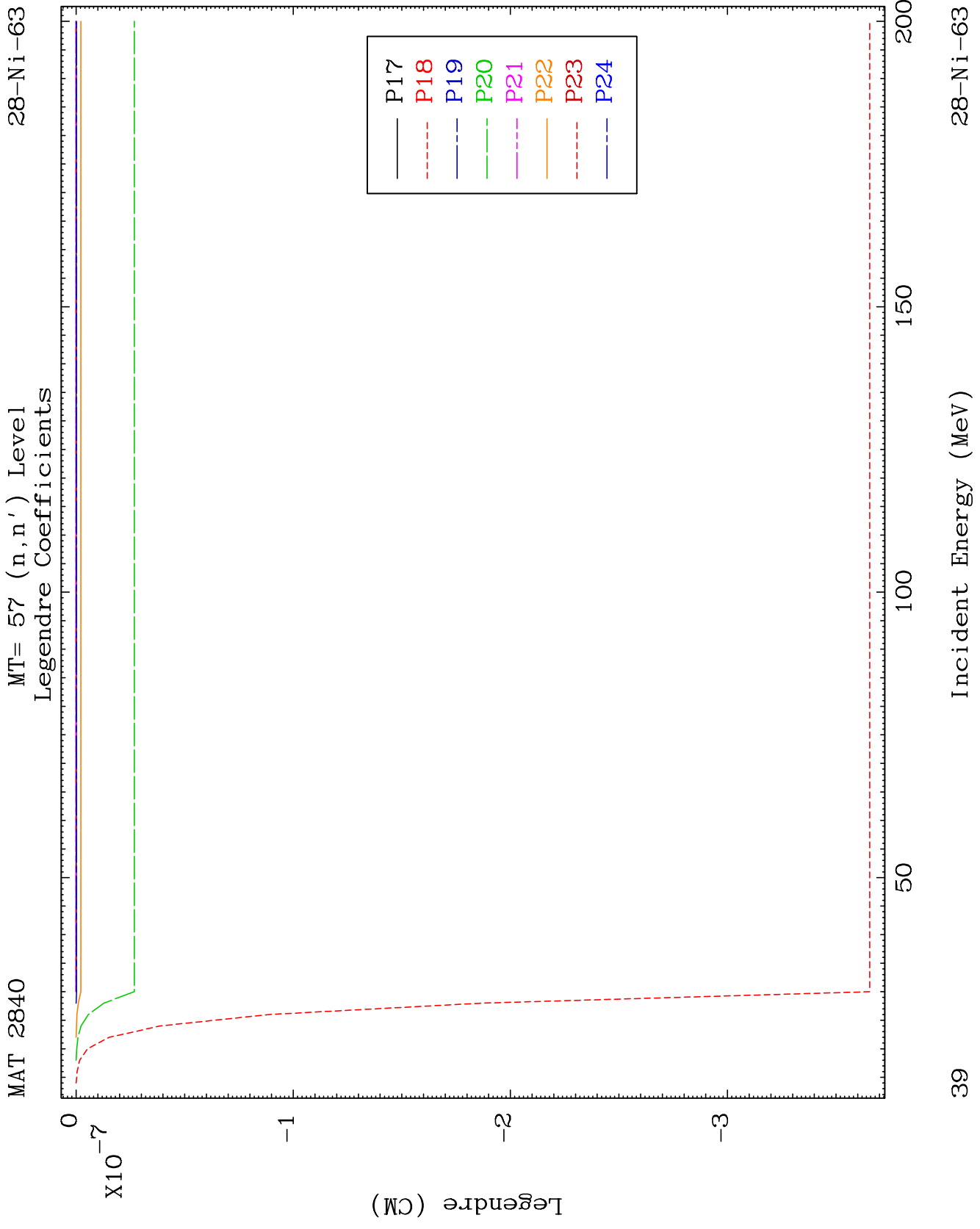










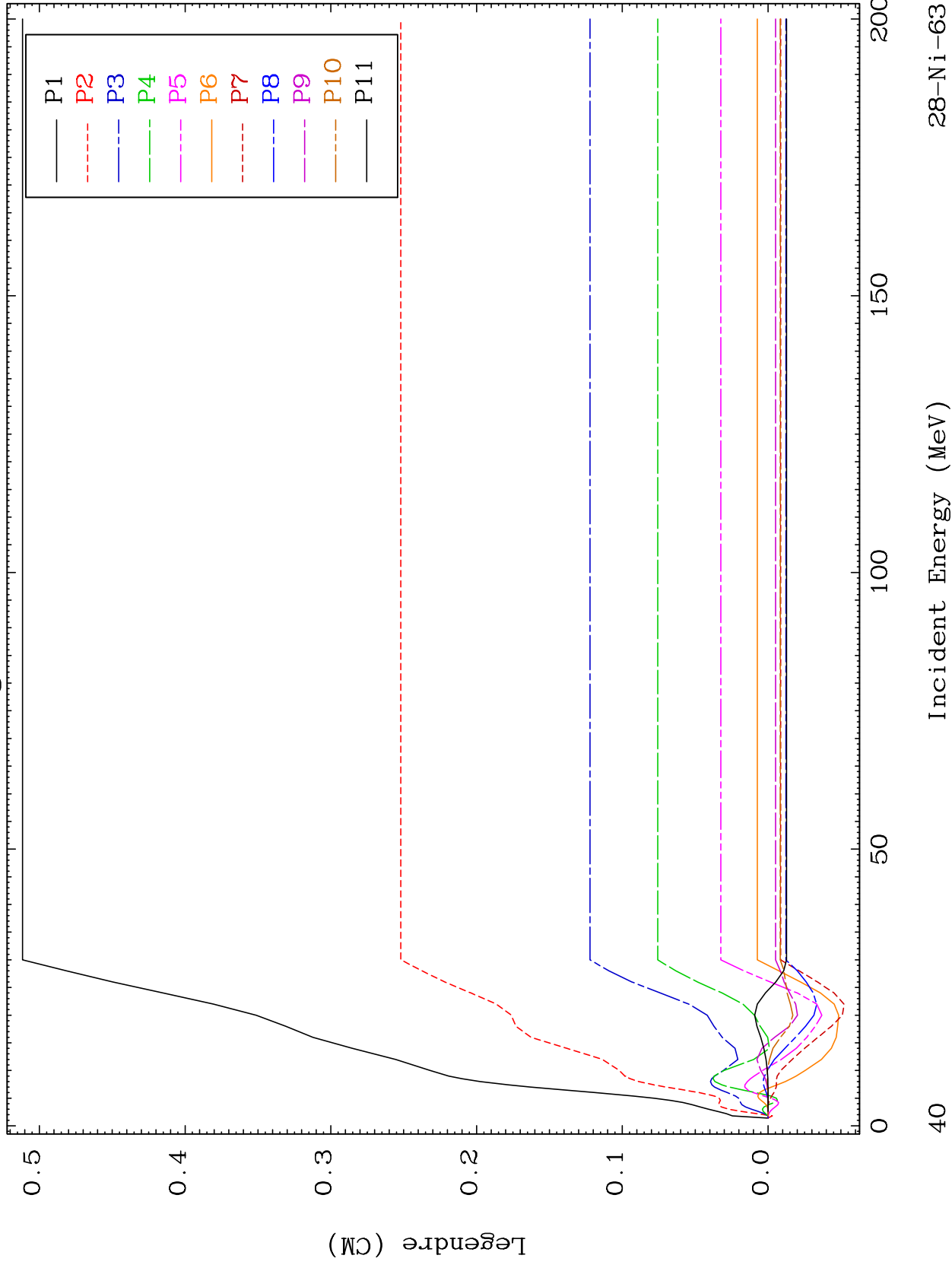




MAT 2840

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

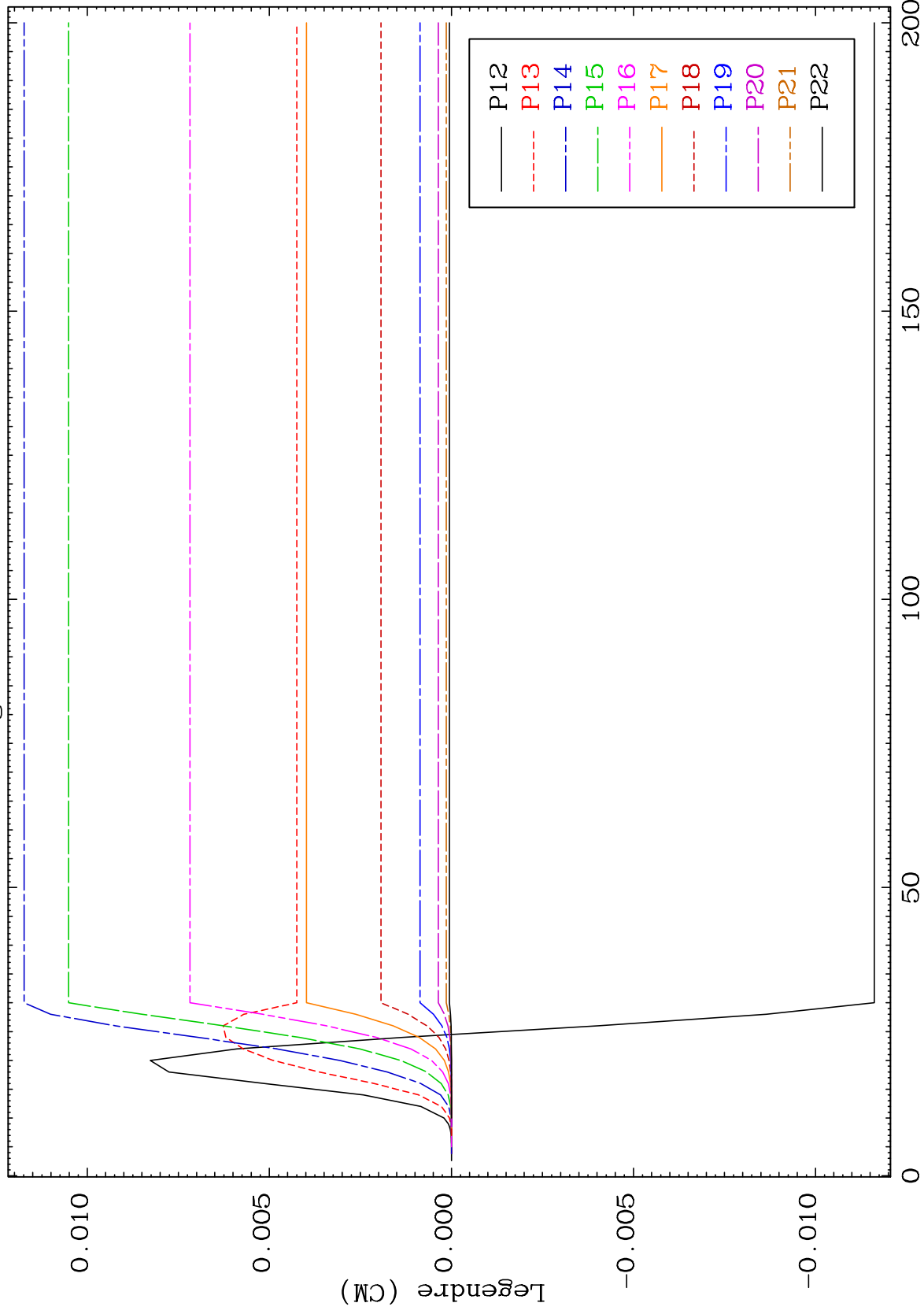
28-Ni-63



MAT 2840

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

28-Ni-63

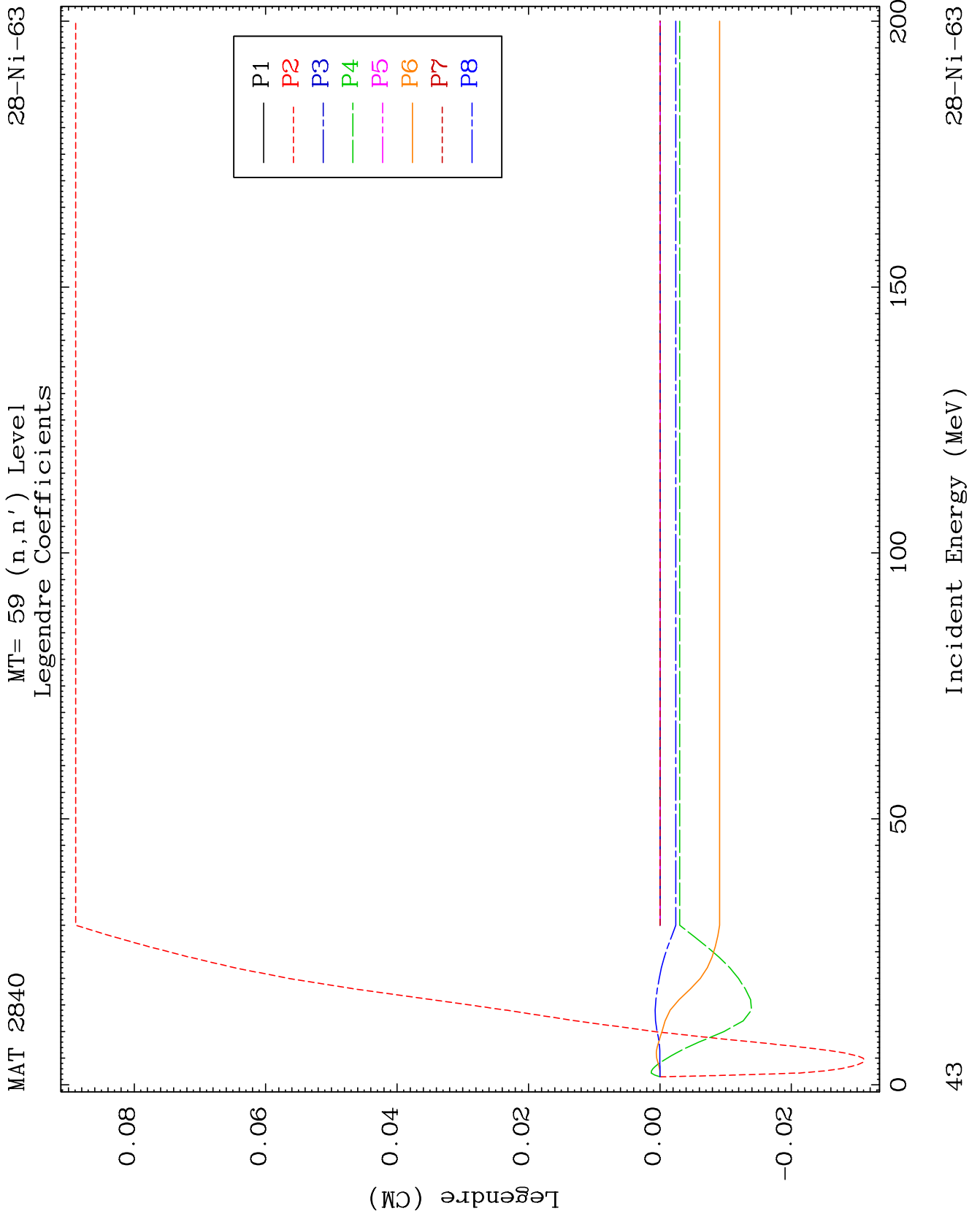


41

Incident Energy (MeV)

28-Ni-63

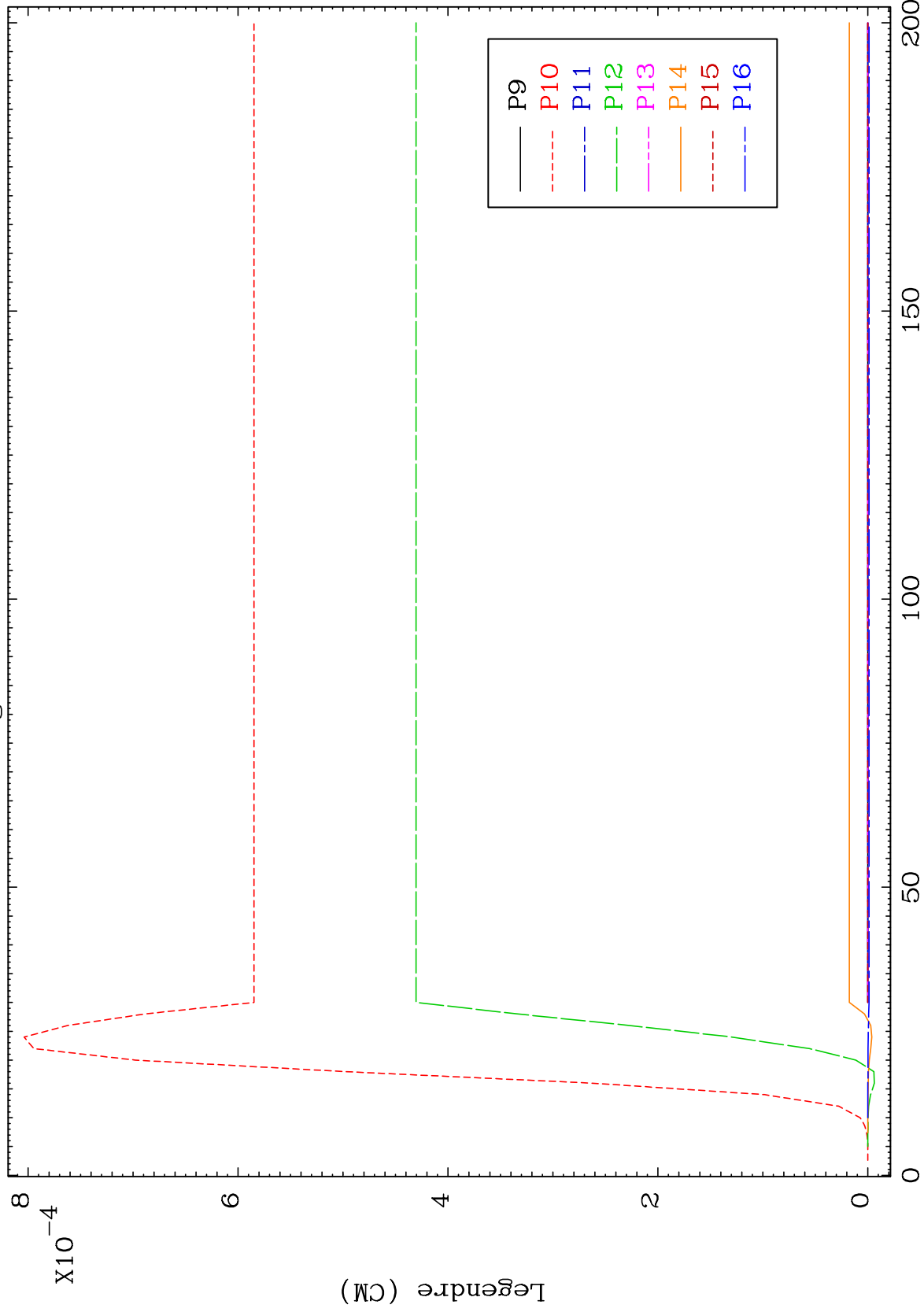




MAT 2840

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

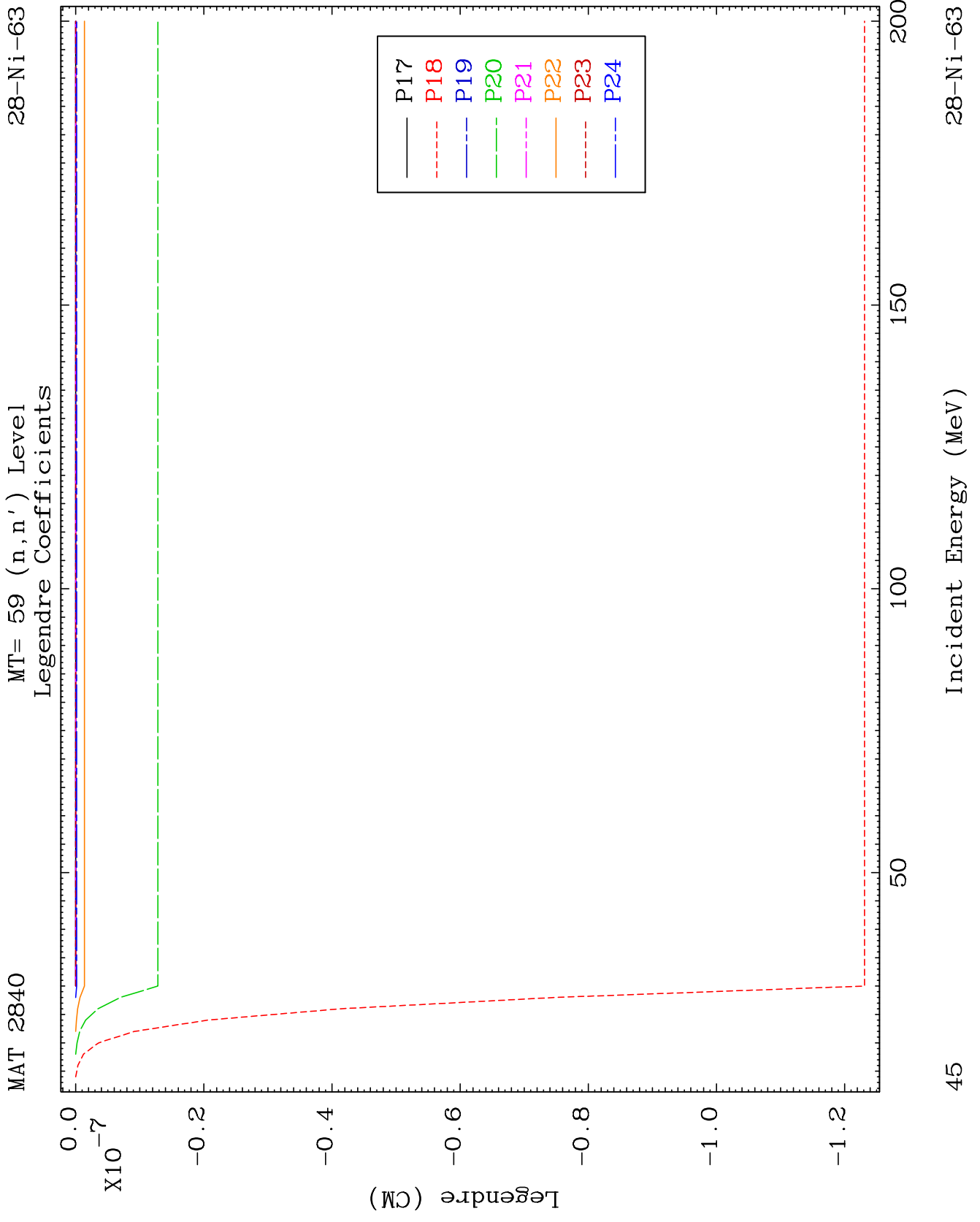
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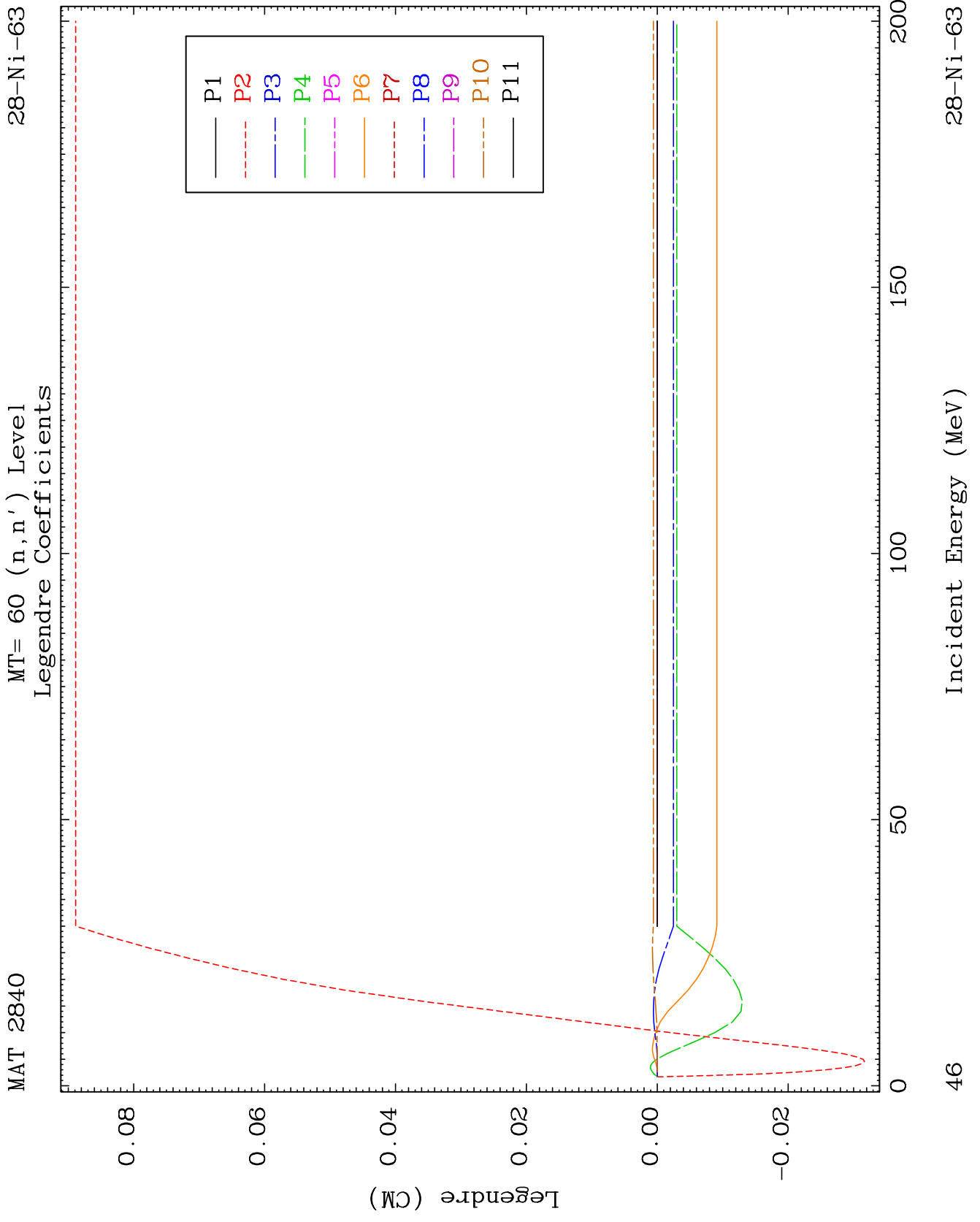


44

Incident Energy (MeV)

28-Ni-63

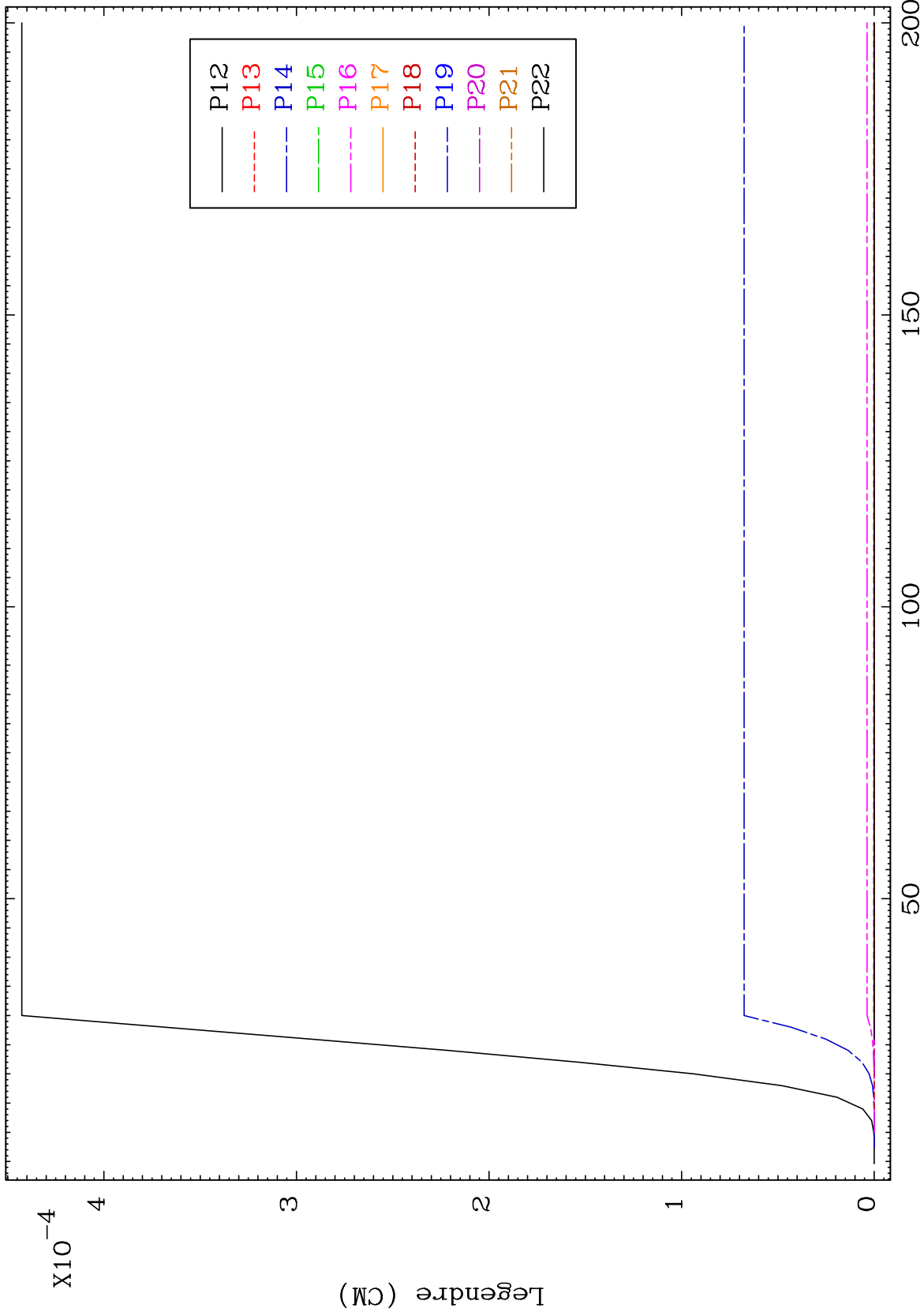




MAT 2840

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

28-Ni-63

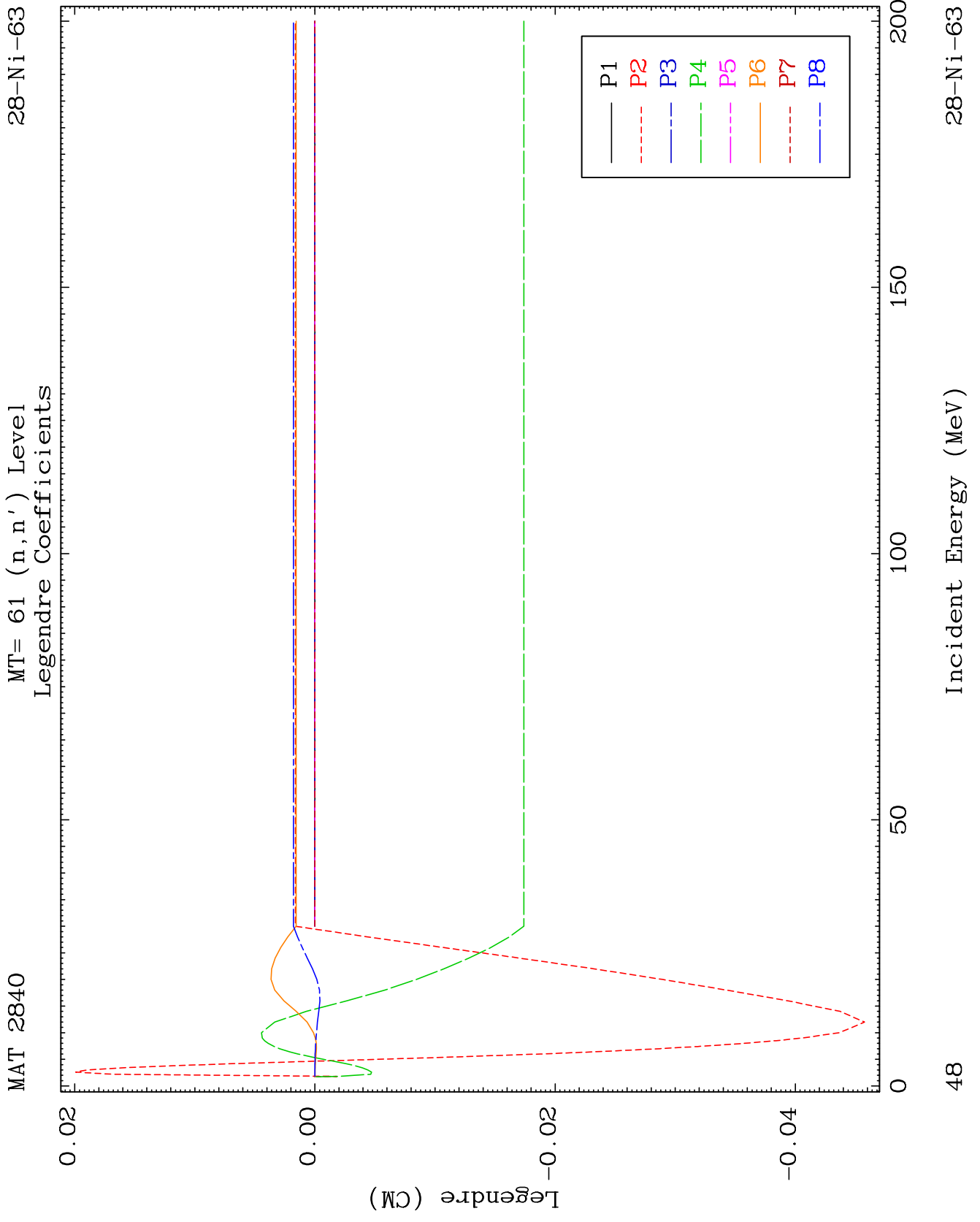


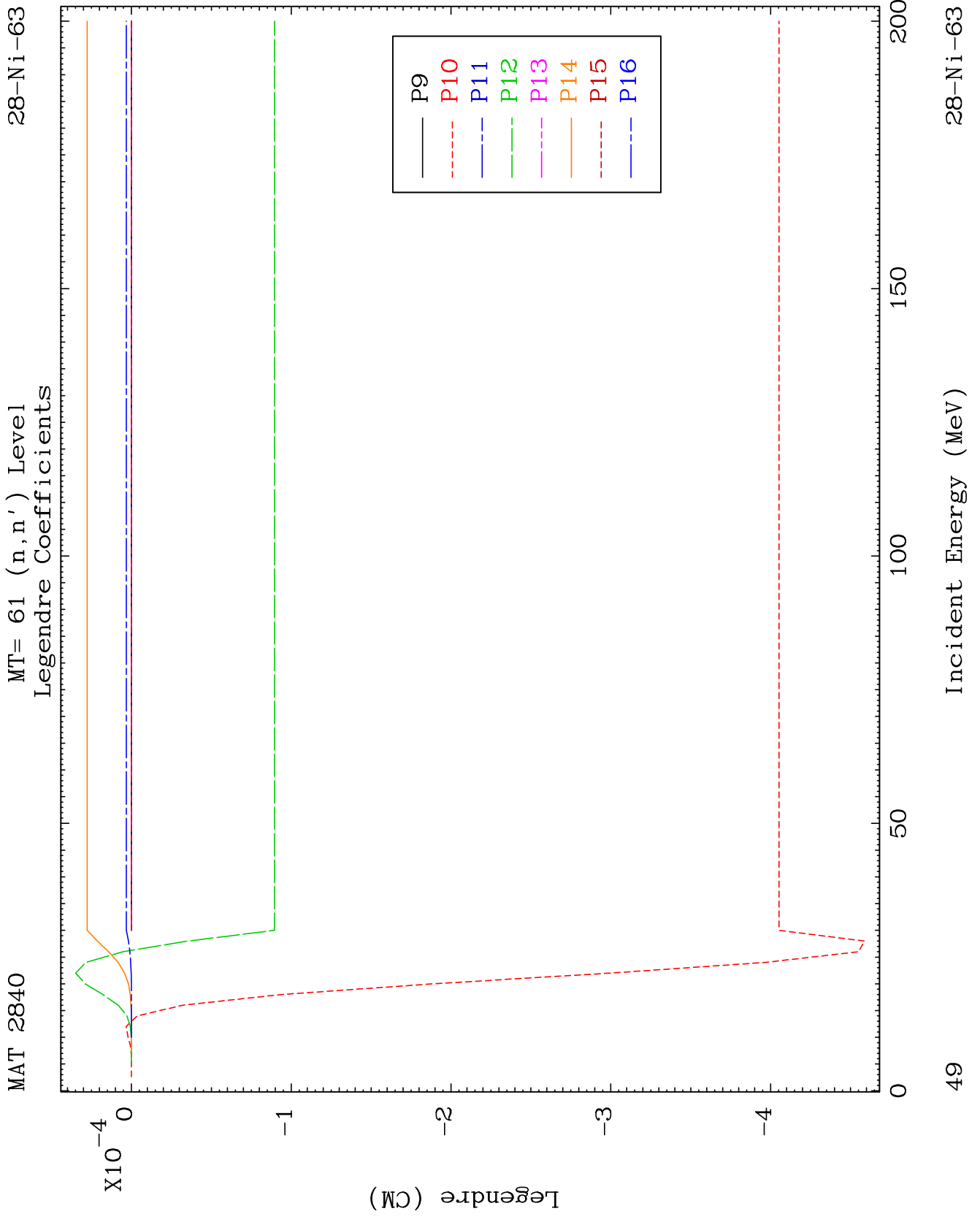
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Incident Energy (MeV)

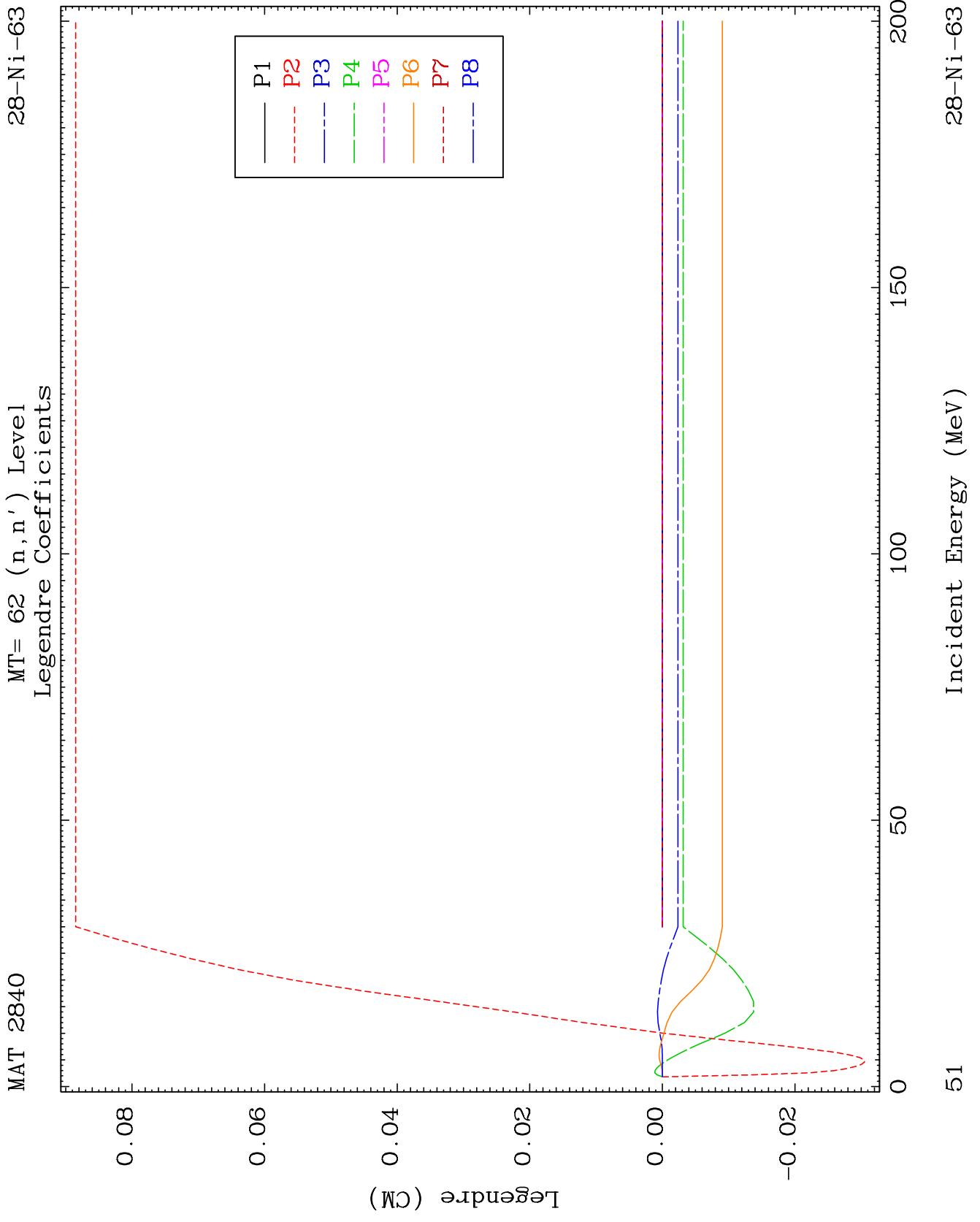
28-Ni-63







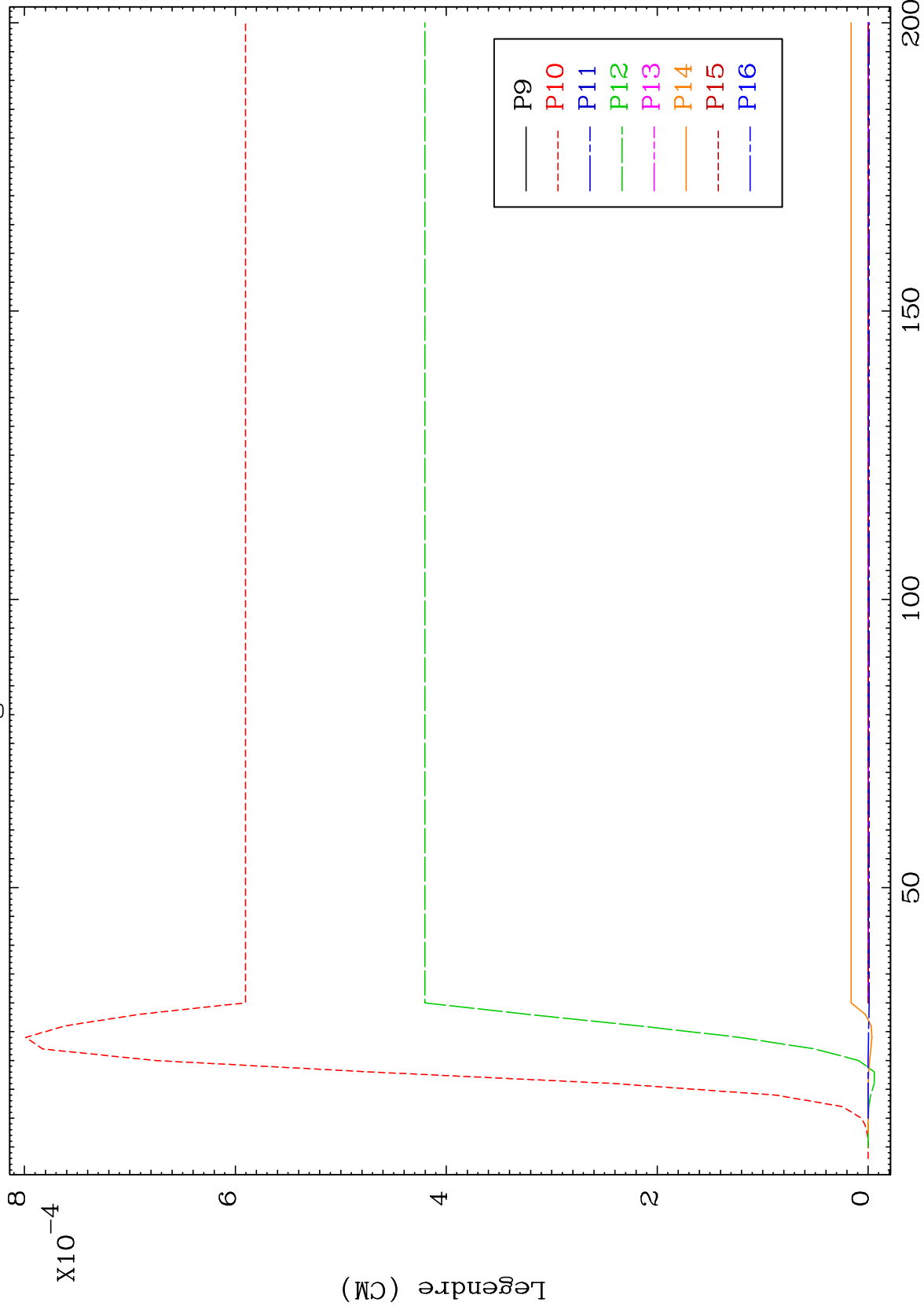




MAT 2840

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

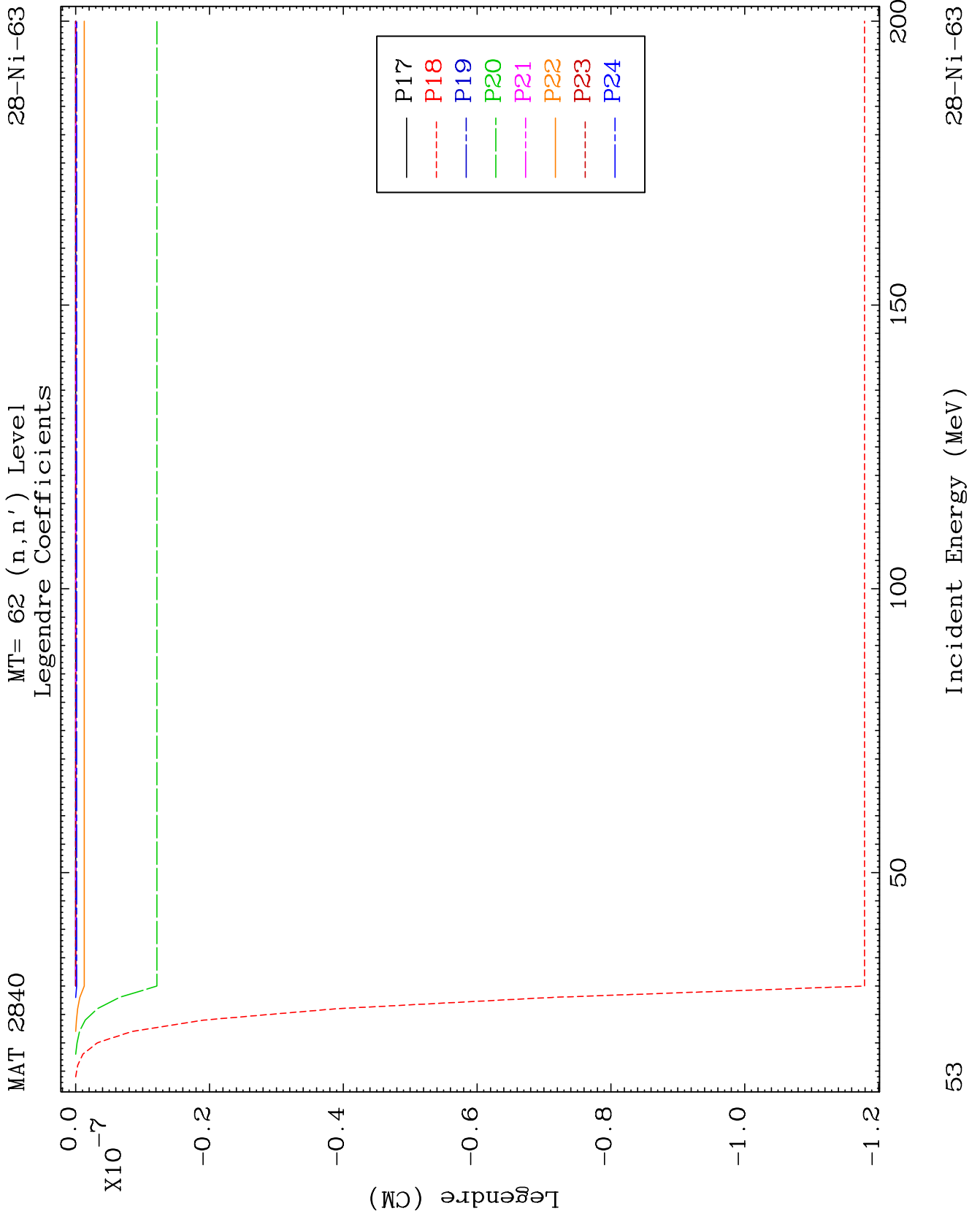
28-Ni-63

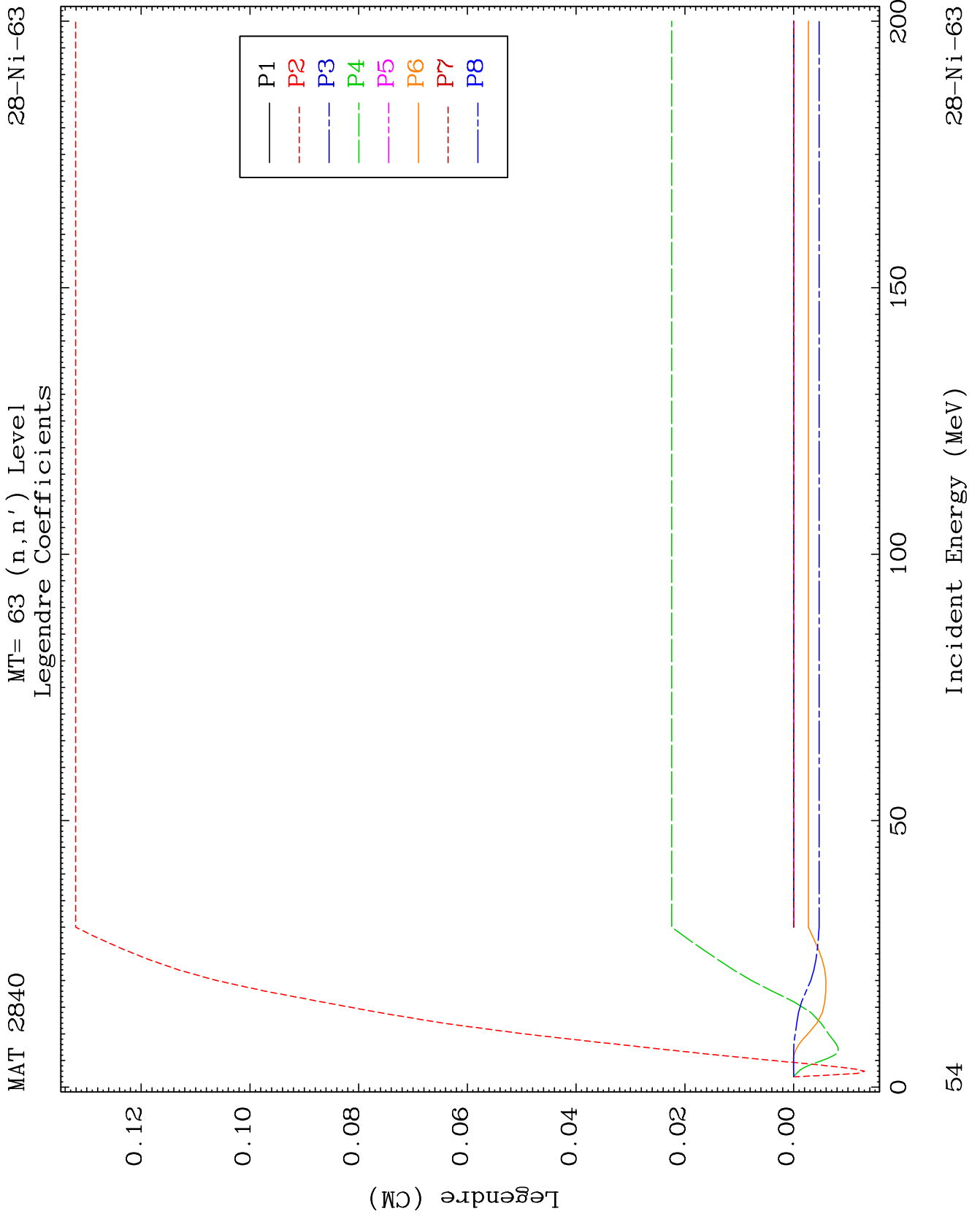


52

Incident Energy (MeV)

28-Ni-63

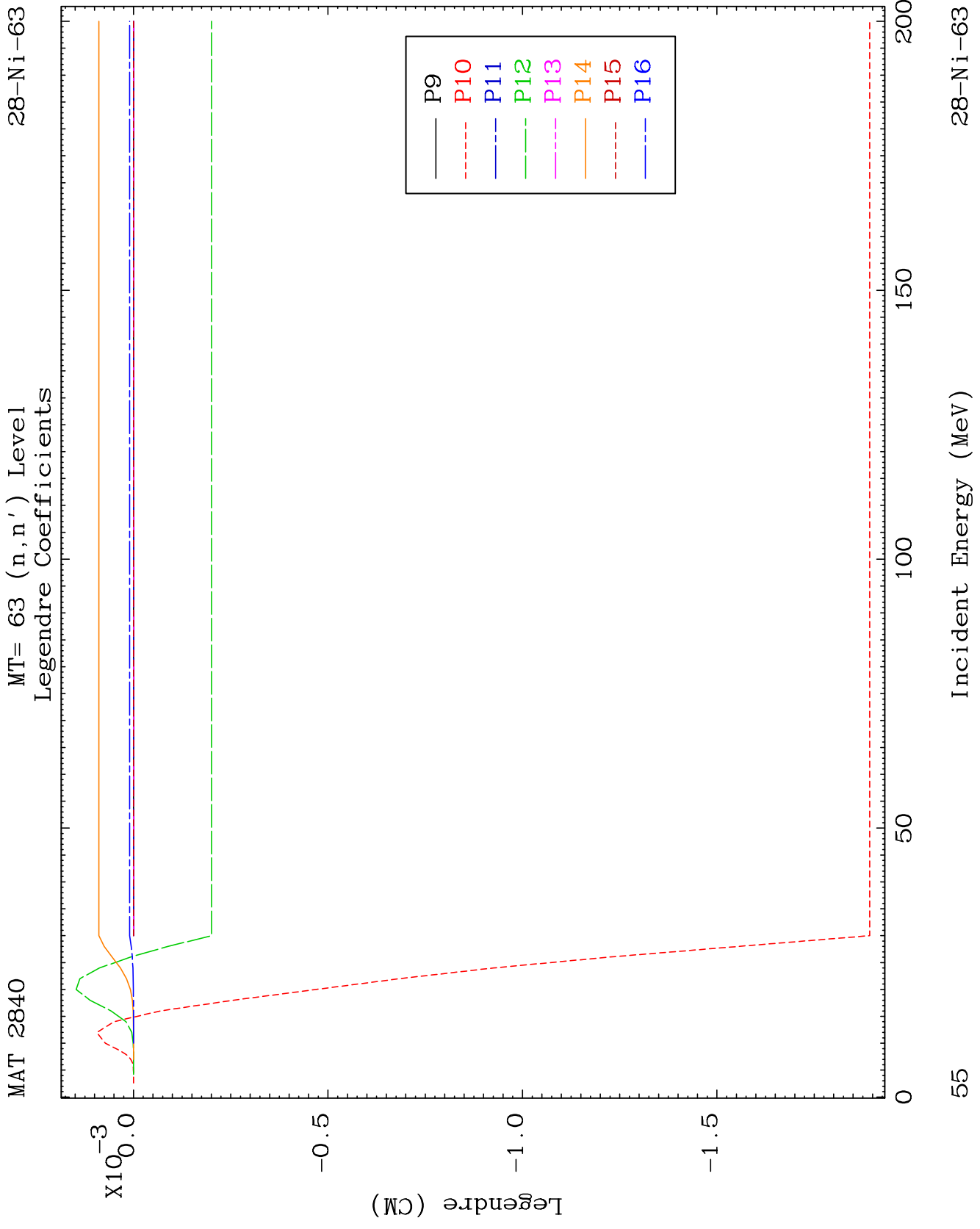




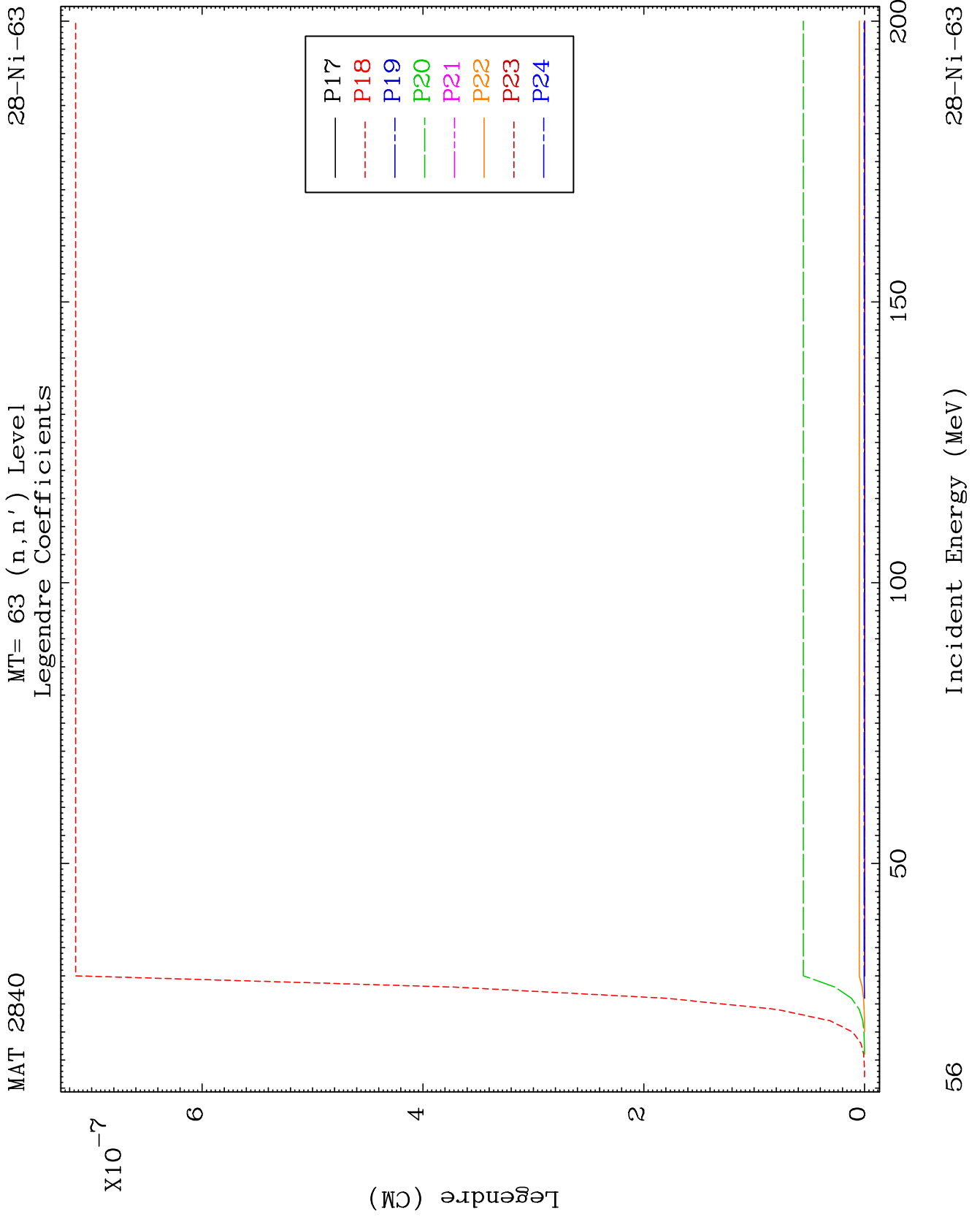
28-Ni-63

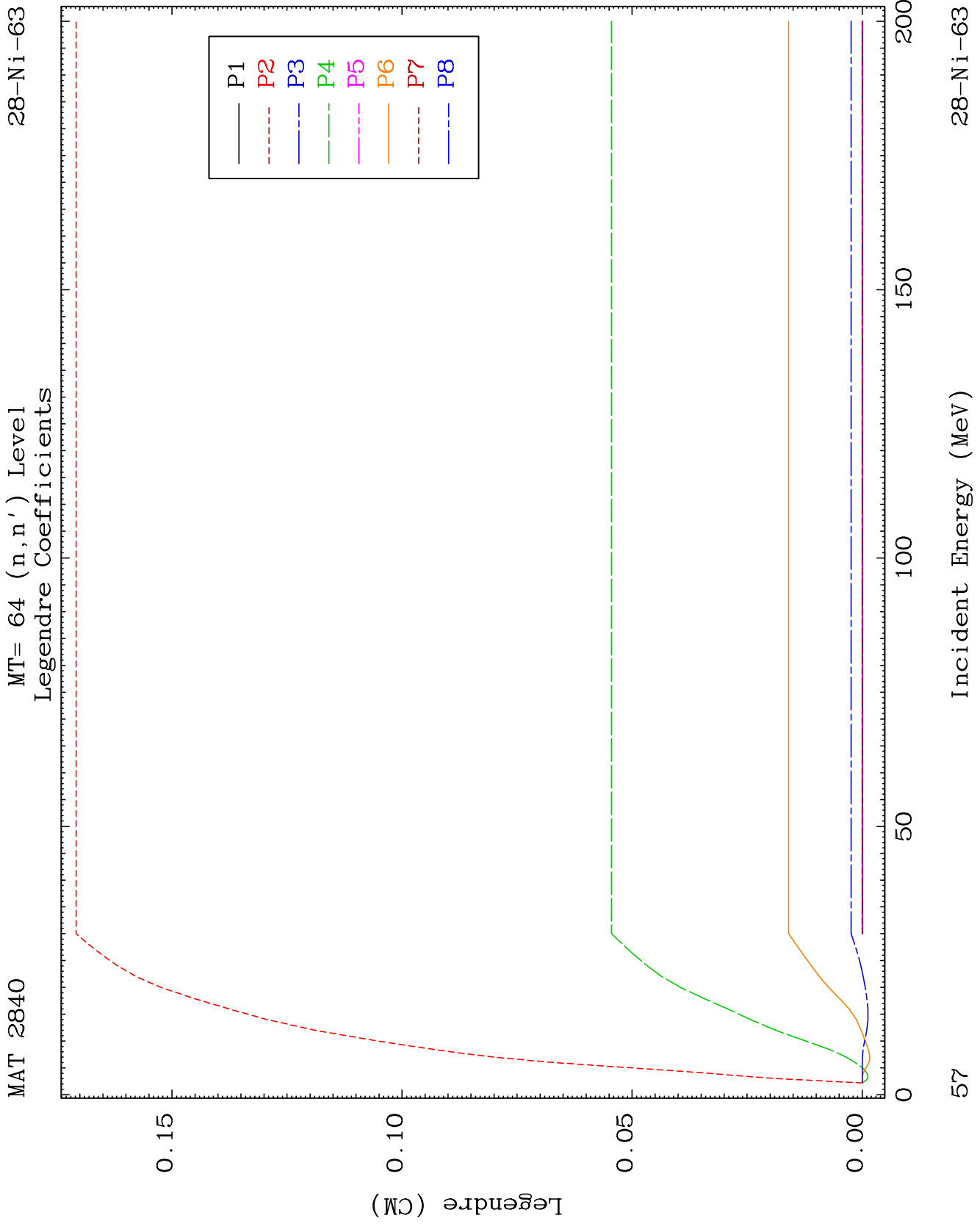
Incident Energy (MeV)

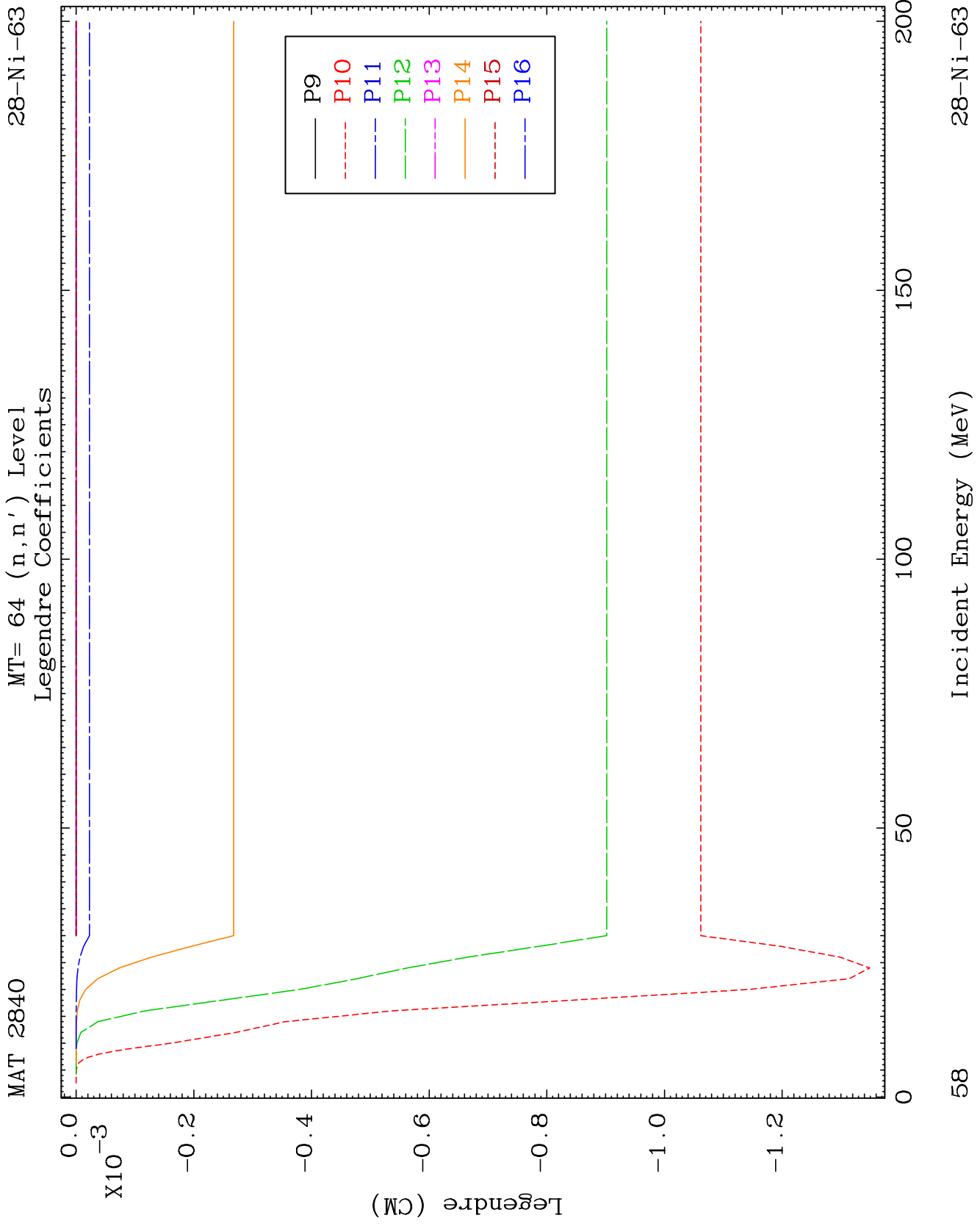
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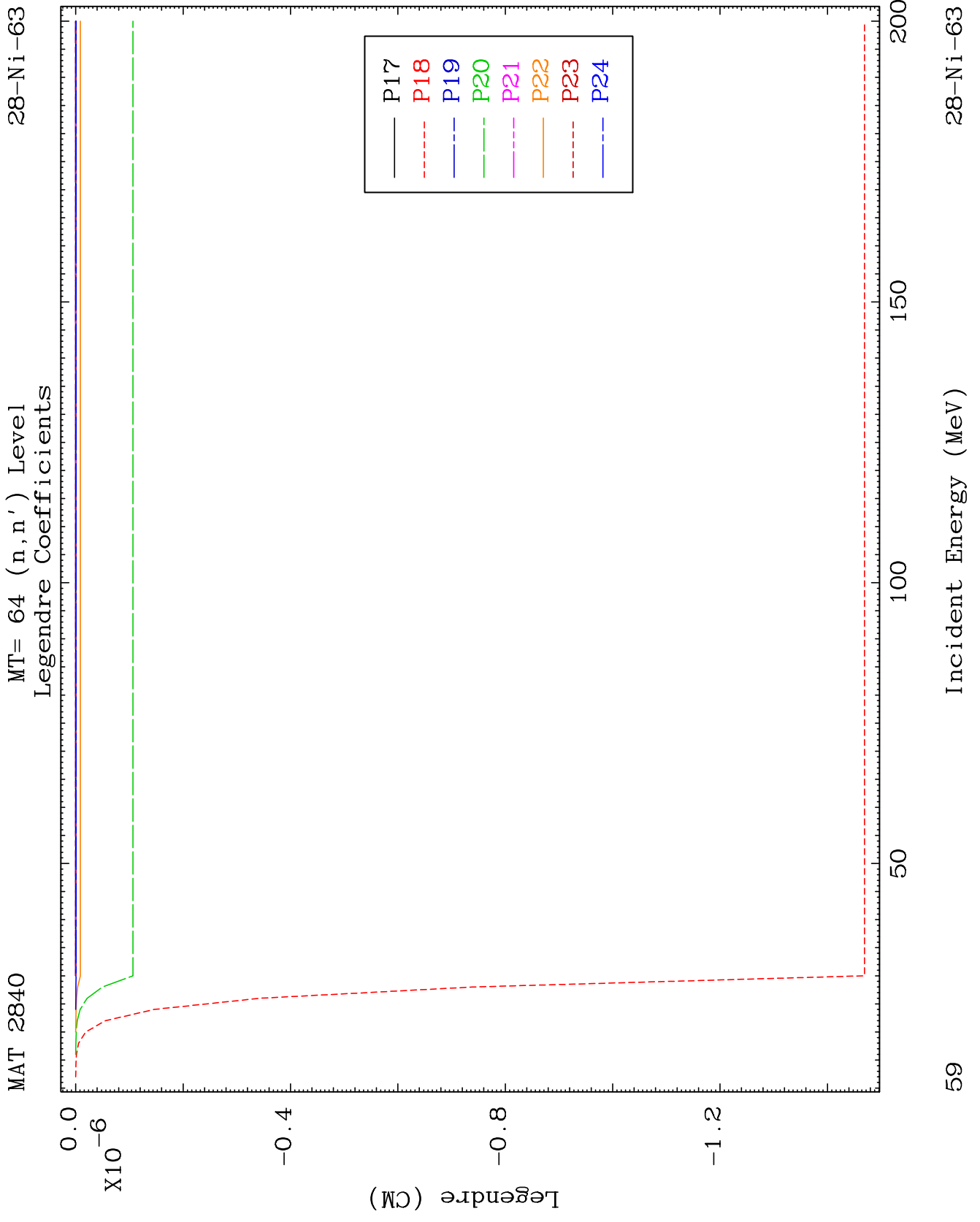




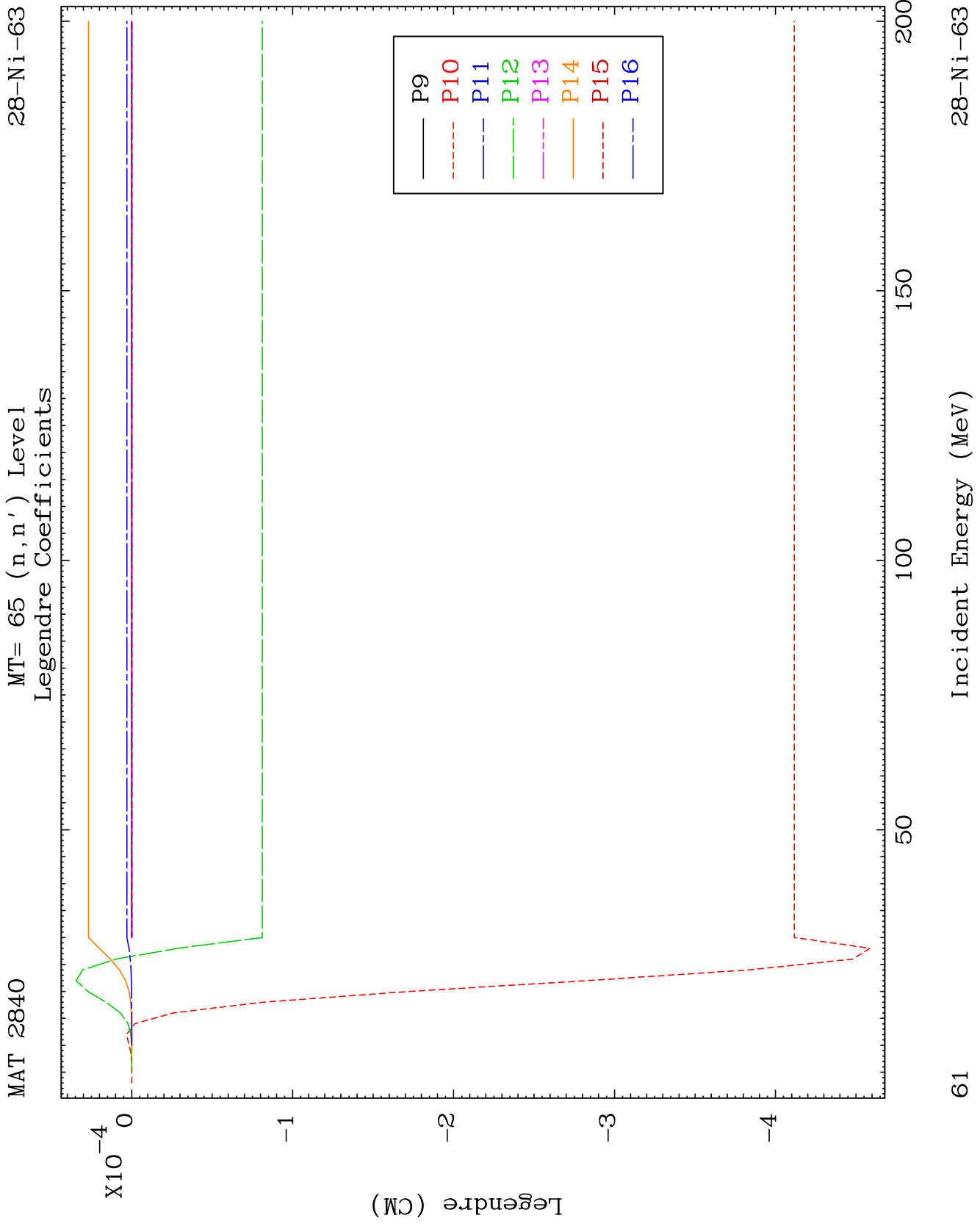


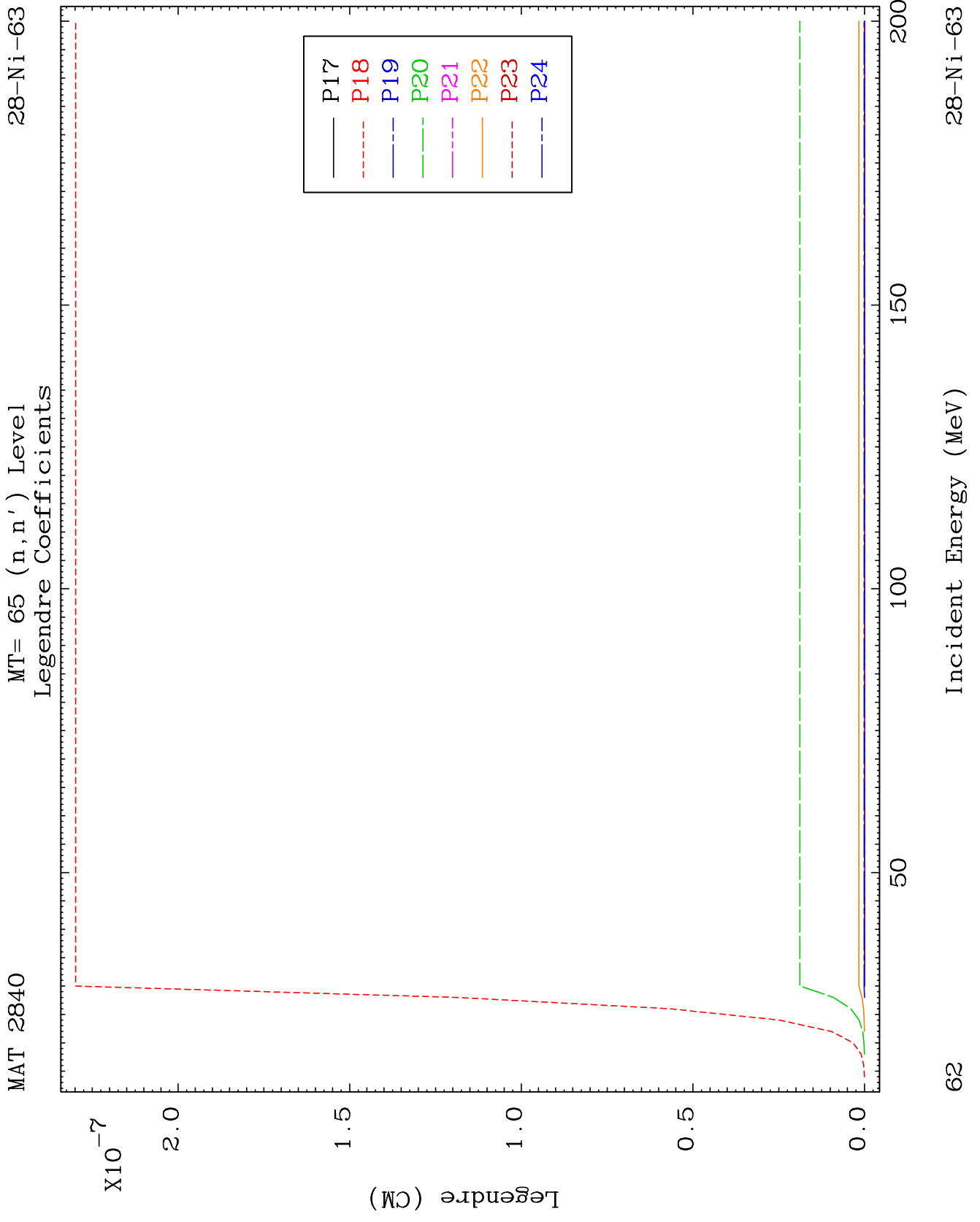


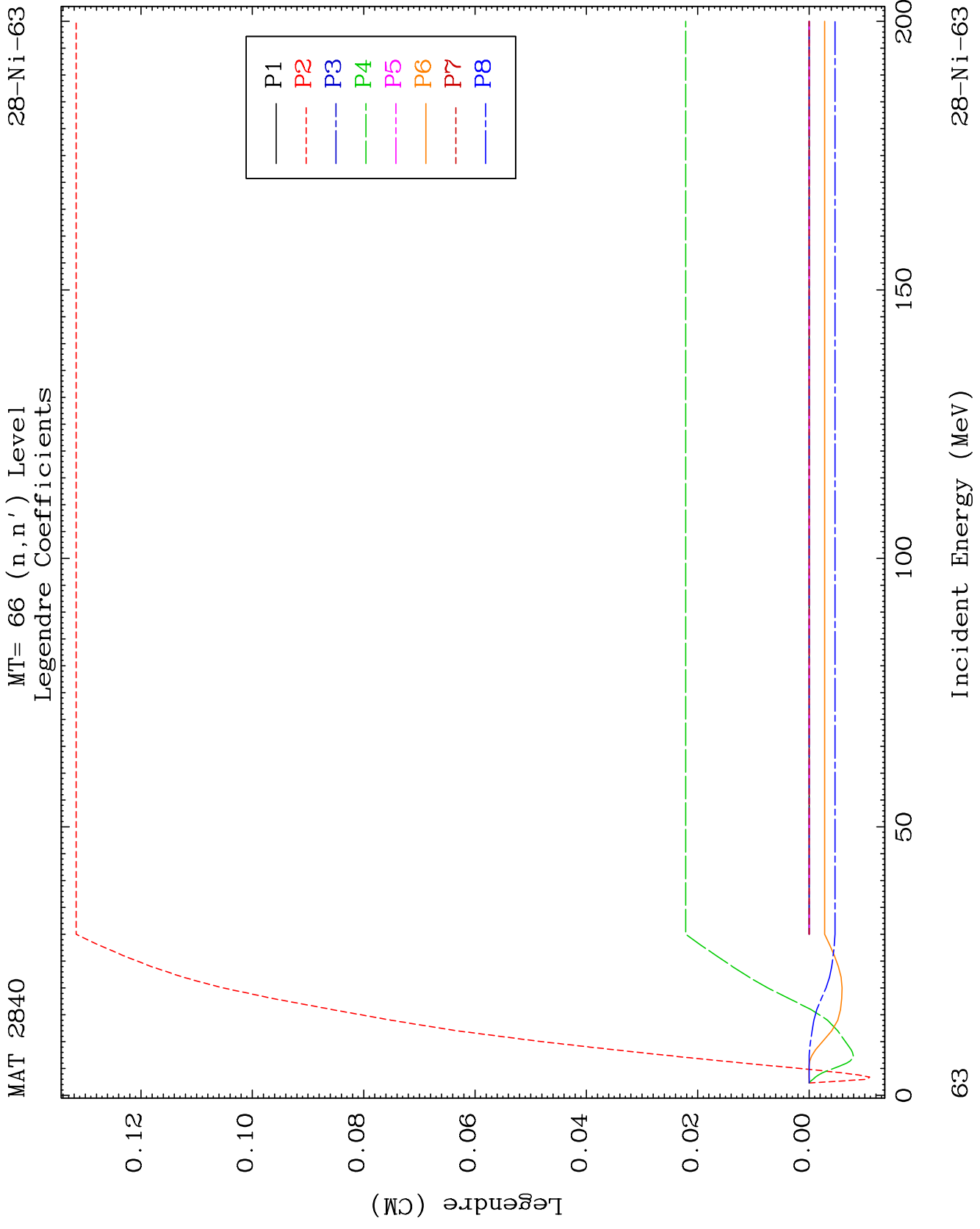




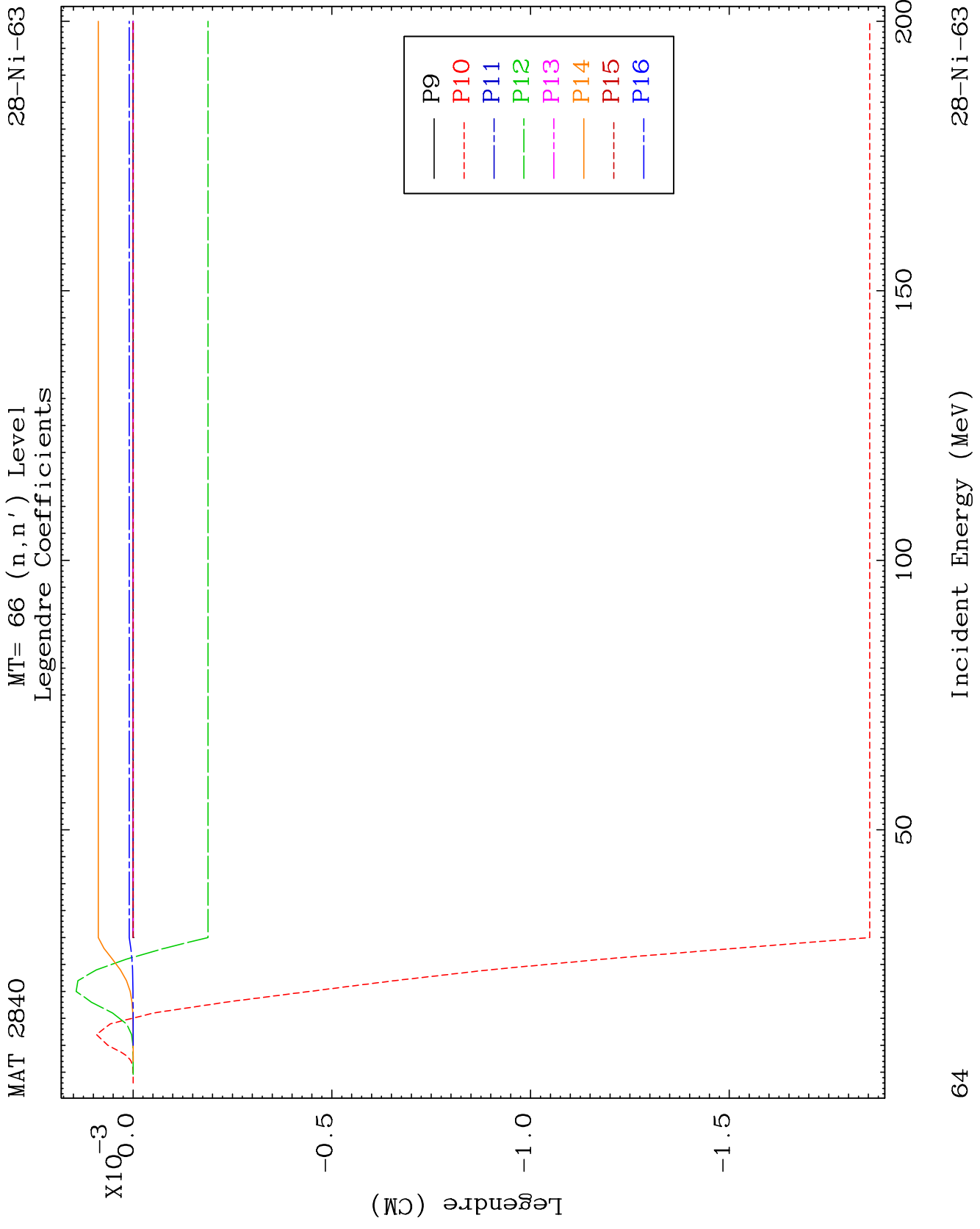












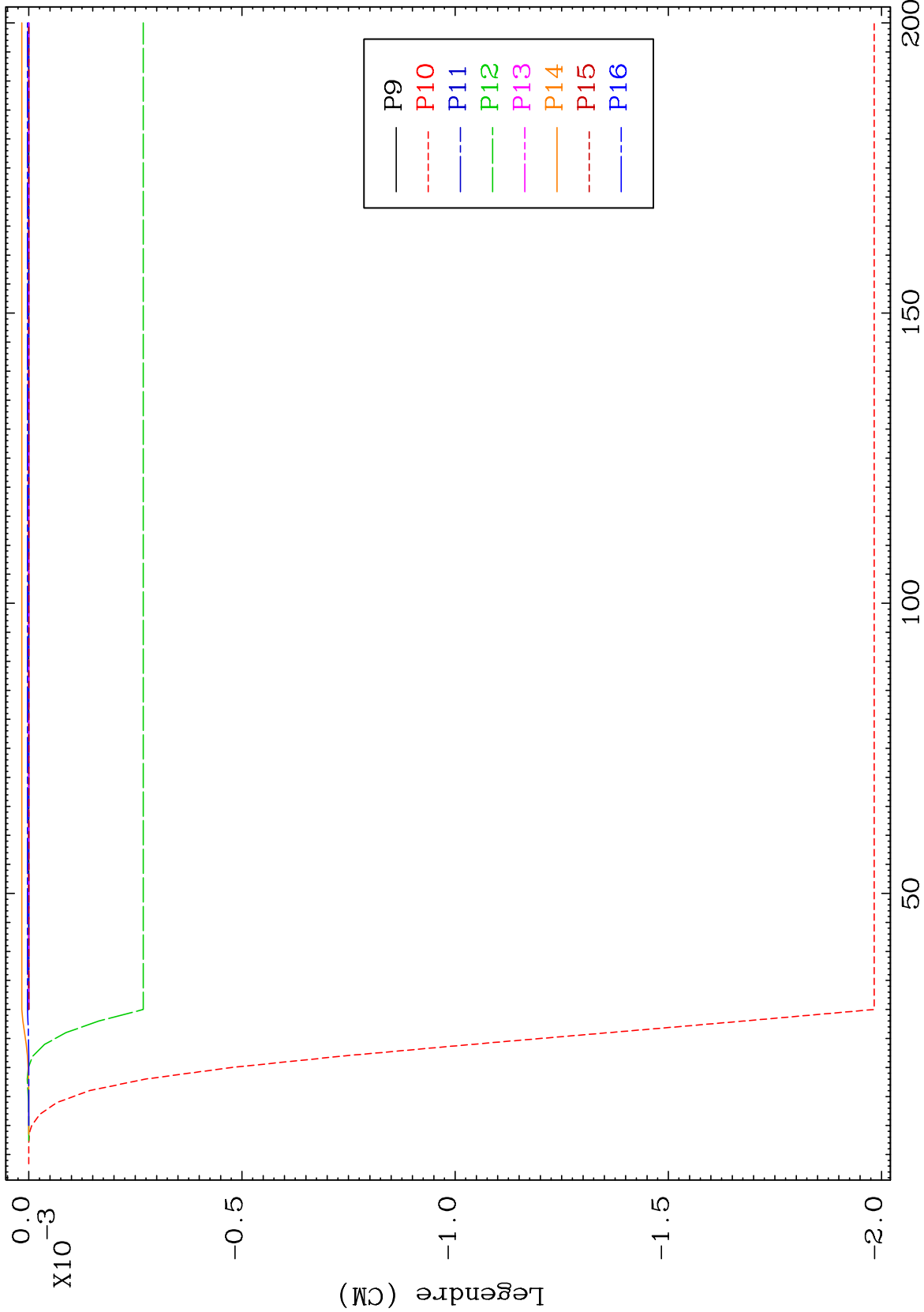




MAT 2840

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

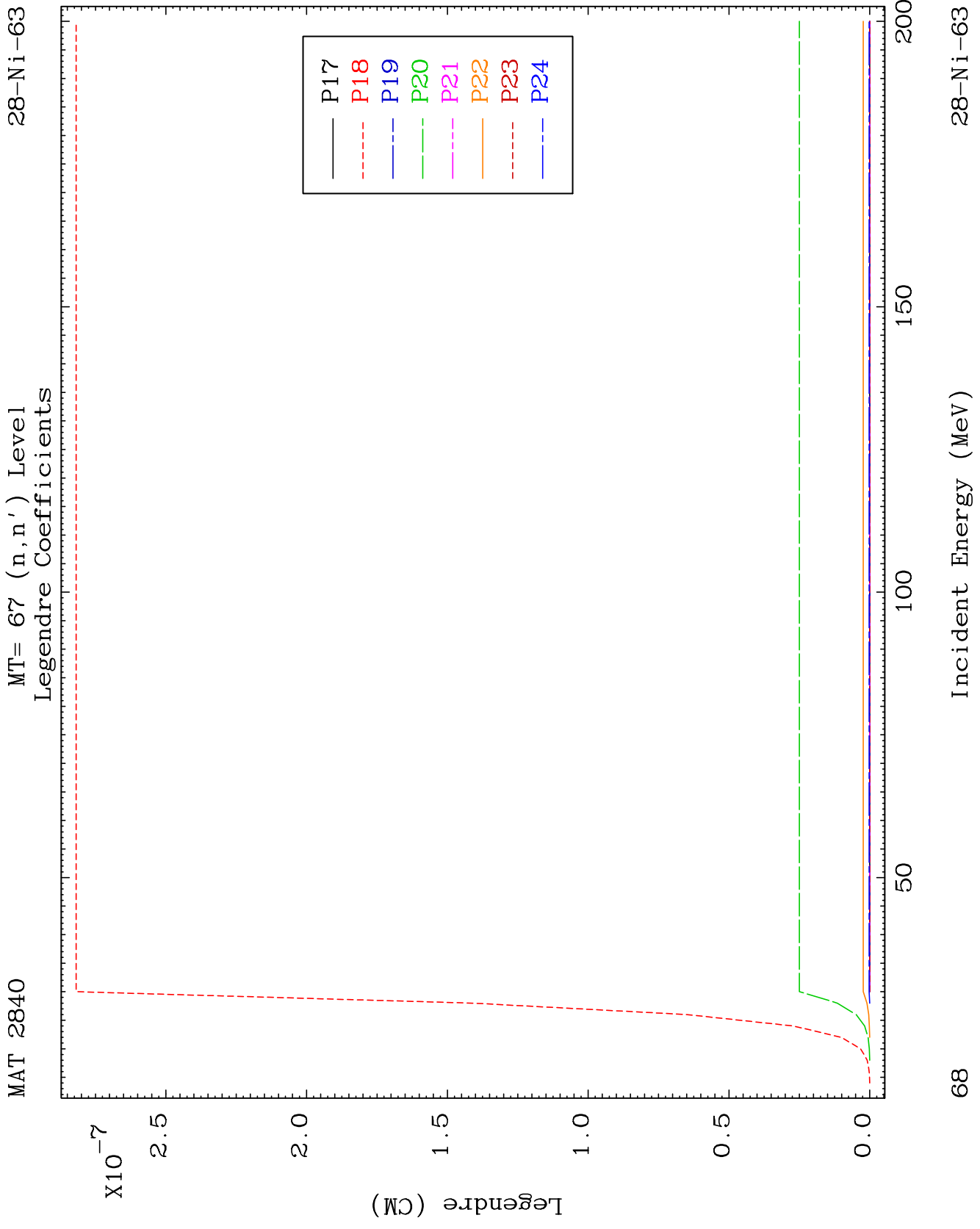
28-Ni-63



67

Incident Energy (MeV)

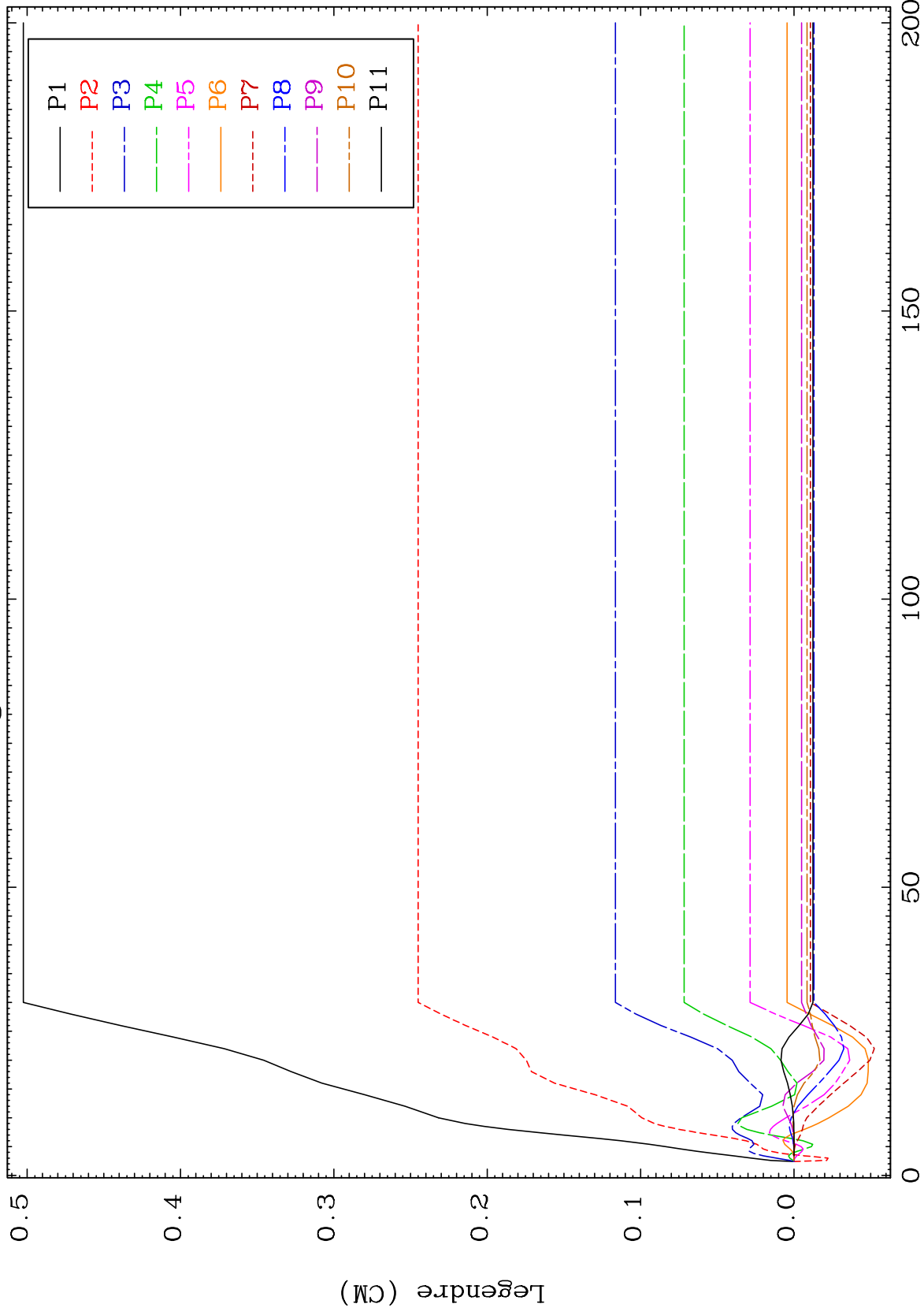
28-Ni-63



MAT 2840

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

28-Ni-63



69

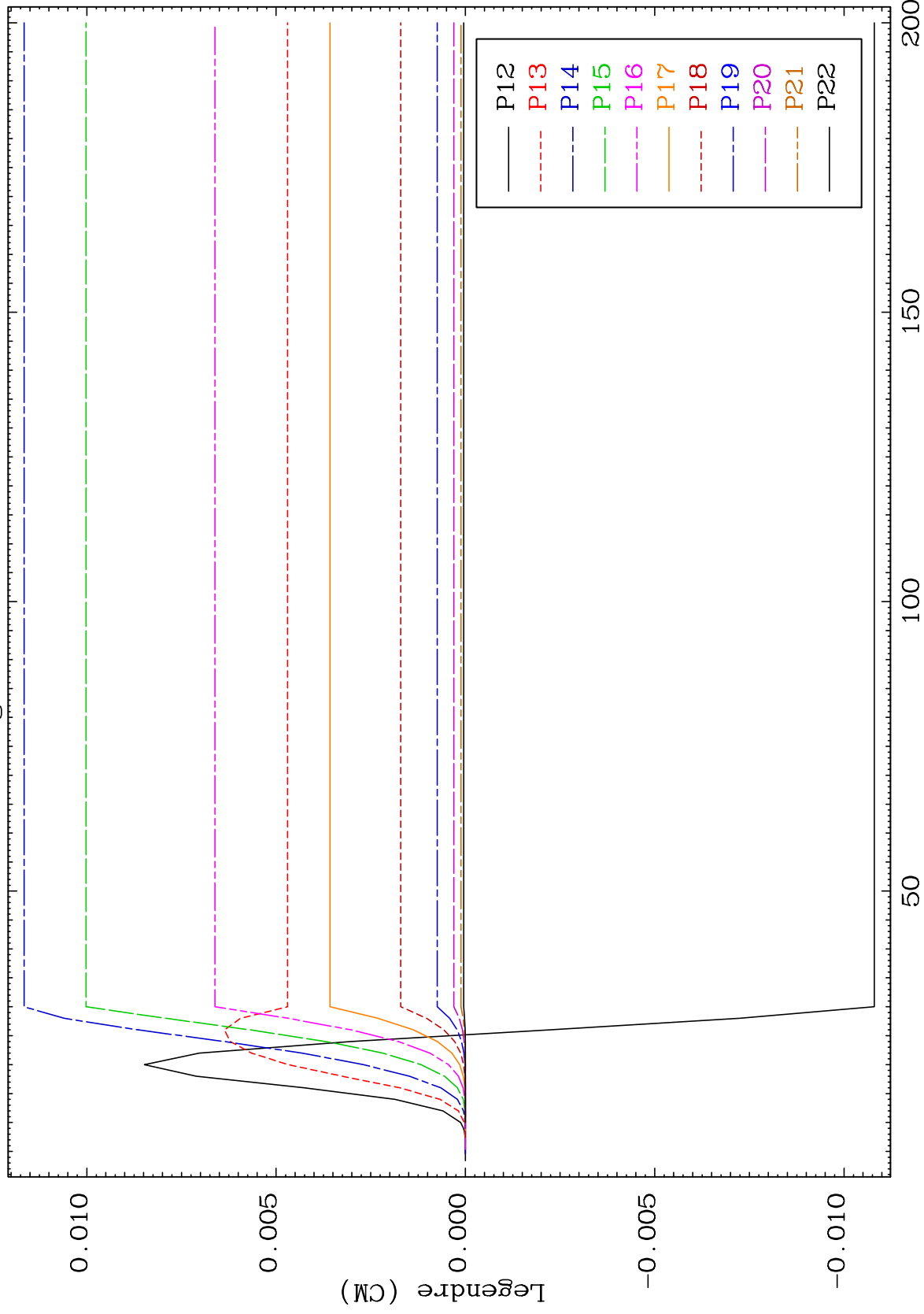
Incident Energy (MeV)

28-Ni-63

MAT 2840

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

28-Ni-63



70

Incident Energy (MeV)

28-Ni-63



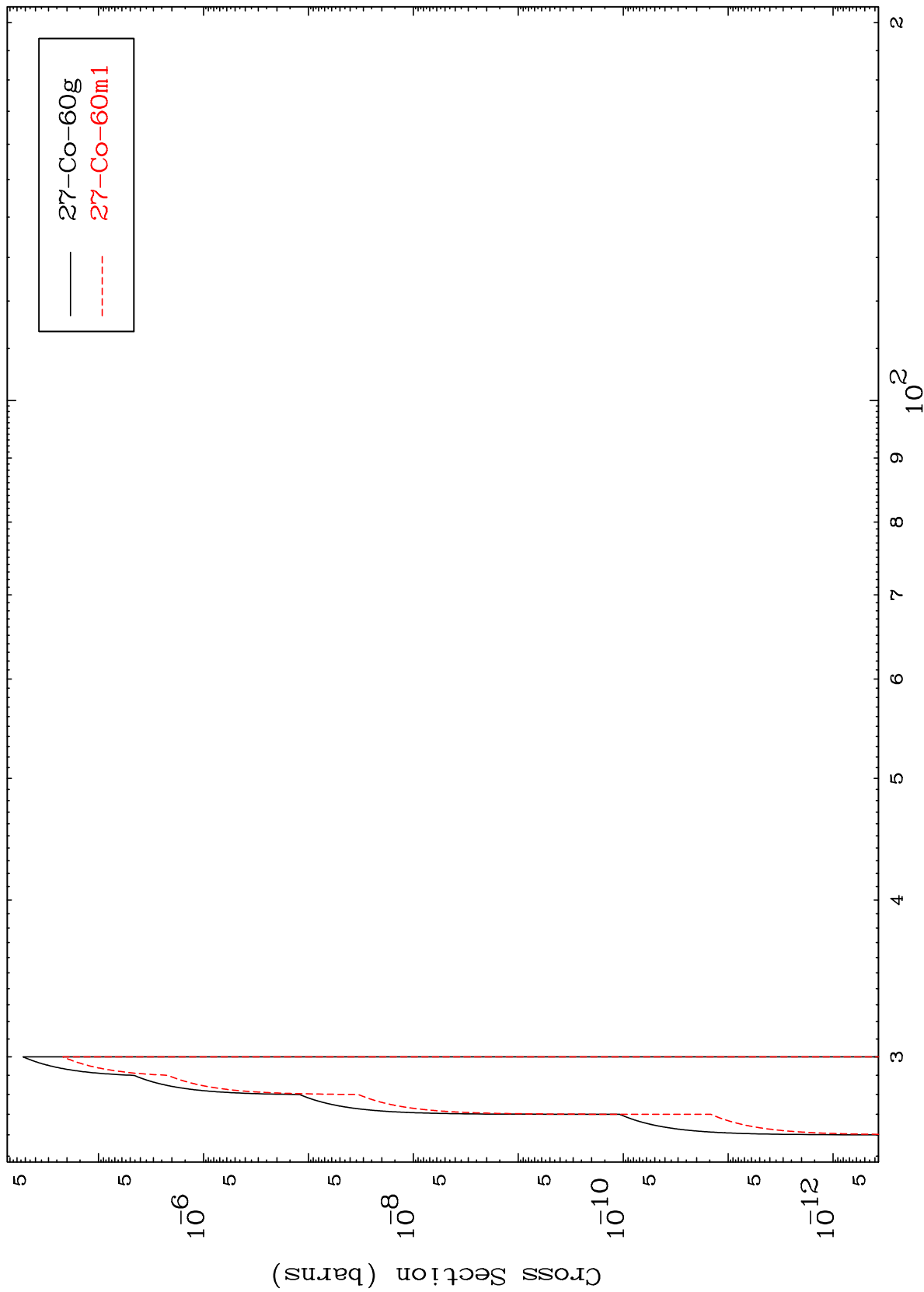


MAT 2840

(n,2n) d

28-Ni-63

Radionuclide Production Cross Section



72

Incident Energy (MeV)

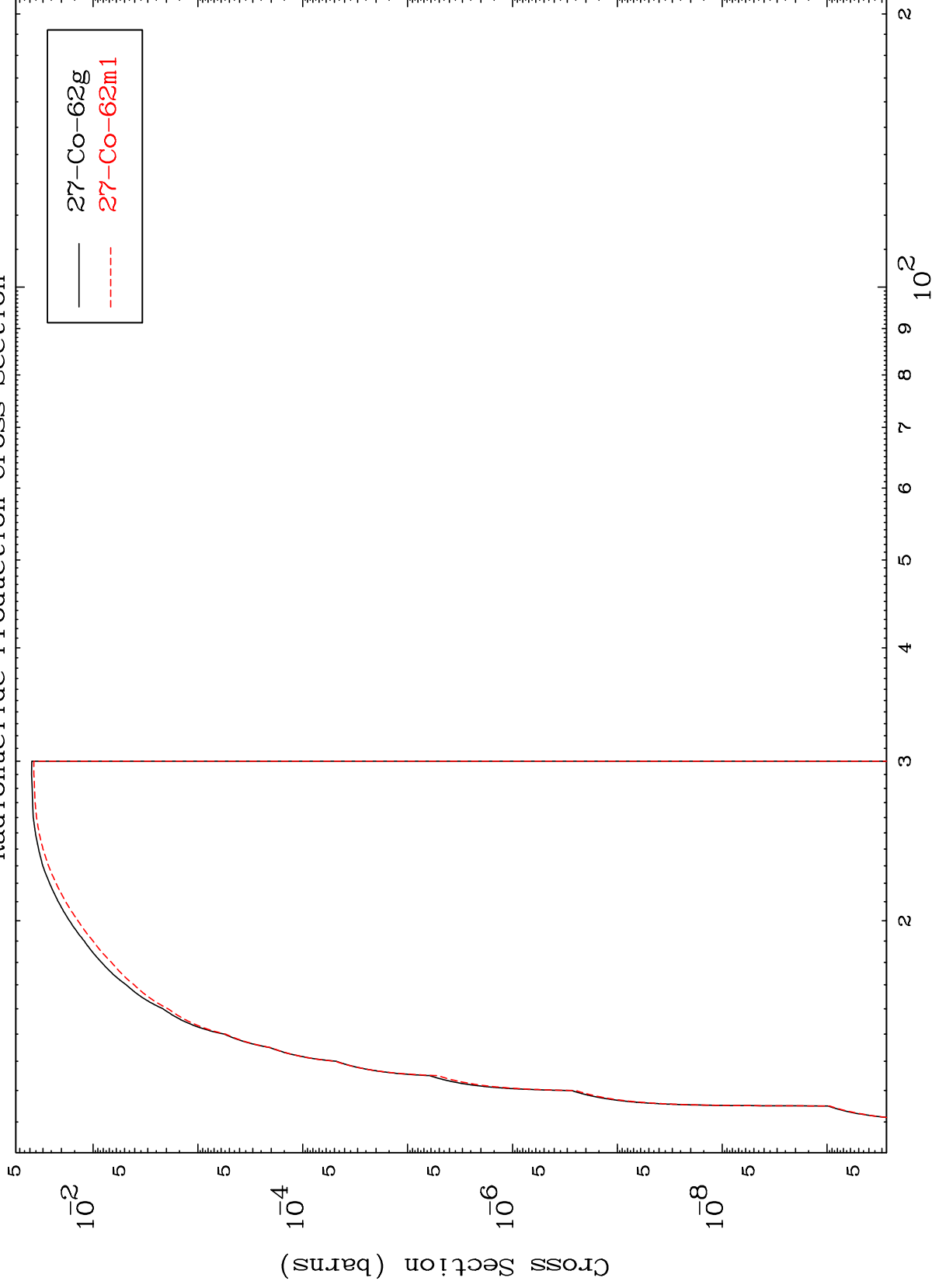
28-Ni-63

MAT 2840

$(n, n')$  p

$^{28}\text{Ni-63}$

Radionuclide Production Cross Section



73

Incident Energy (MeV)

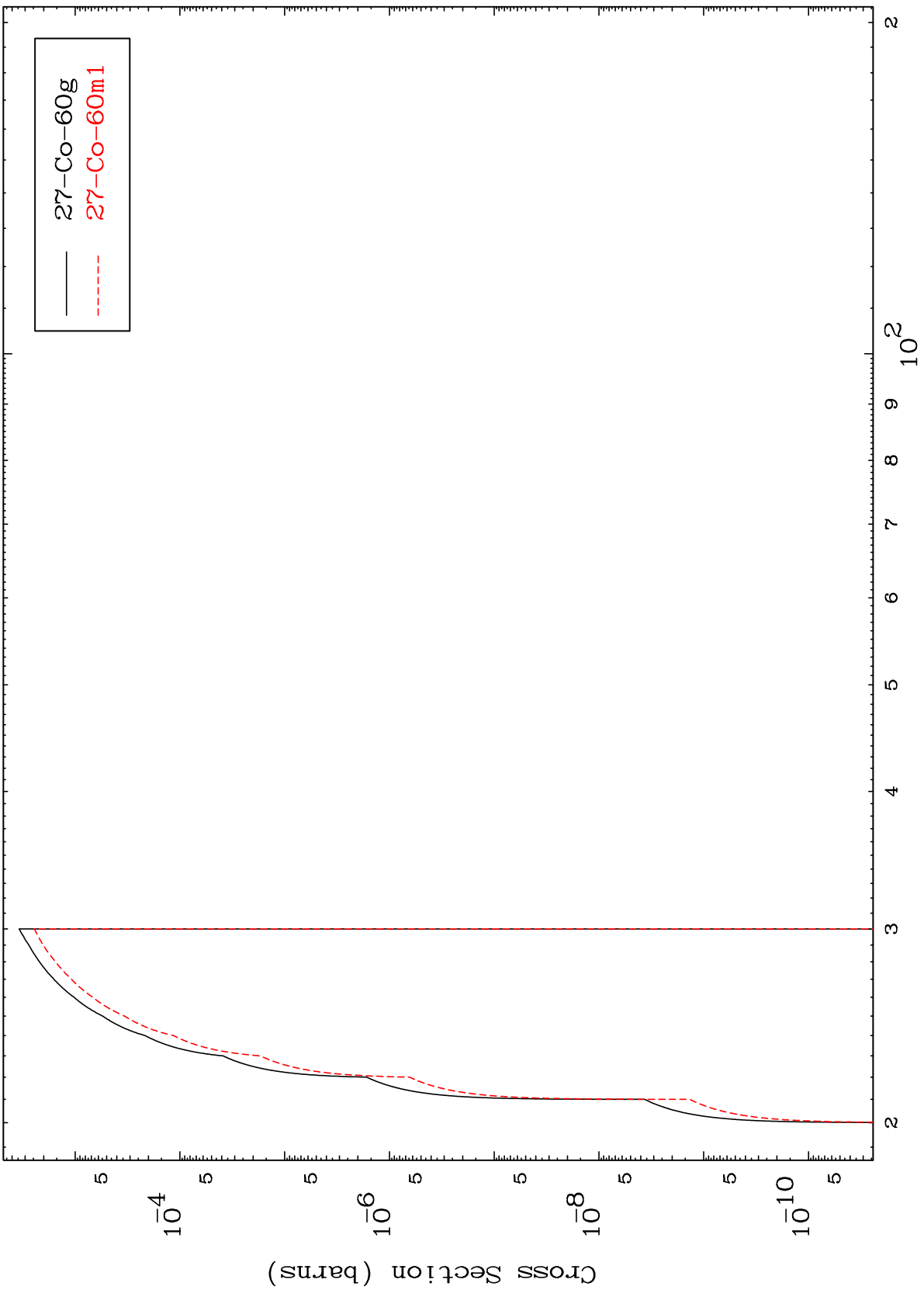
$^{28}\text{Ni-63}$

MAT 2840

(n,n') t

28-Ni-63

Radionuclide Production Cross Section



74

Incident Energy (MeV)

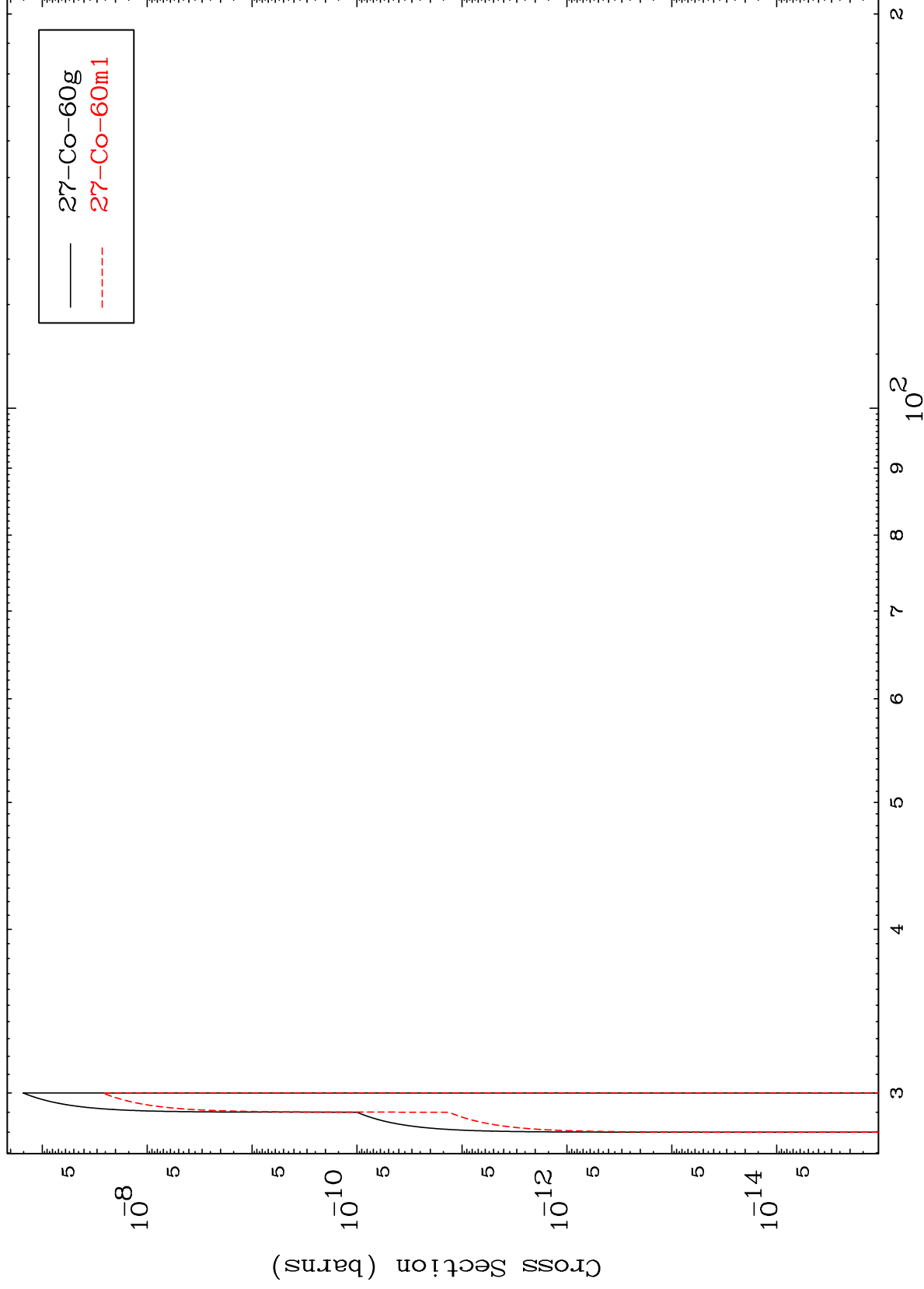
28-Ni-63

MAT 2840

(n,3n) p

28-Ni-63

Radionuclide Production Cross Section



75

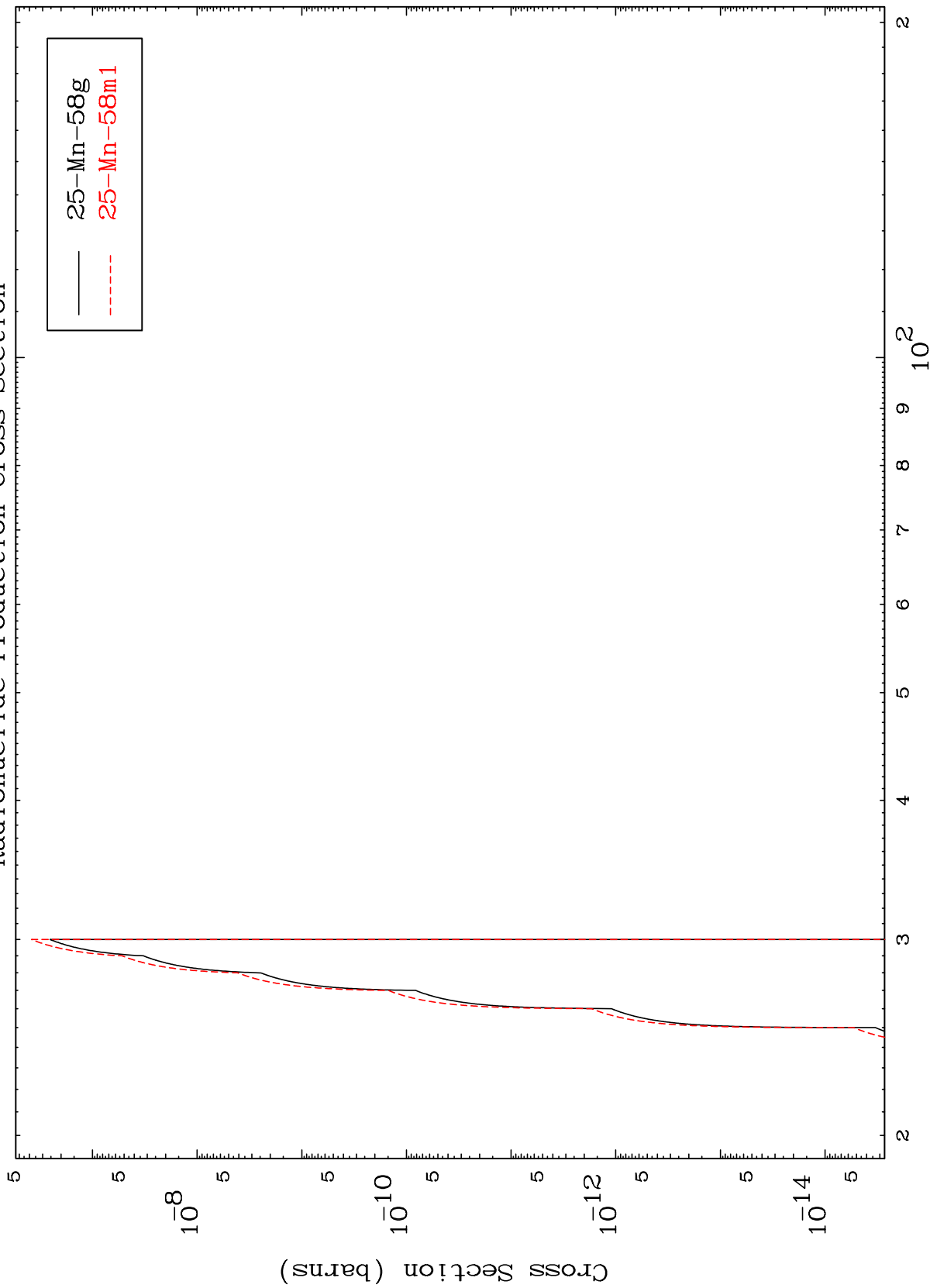
Incident Energy (MeV)

28-Ni-63

MAT 2840

28-Ni-63

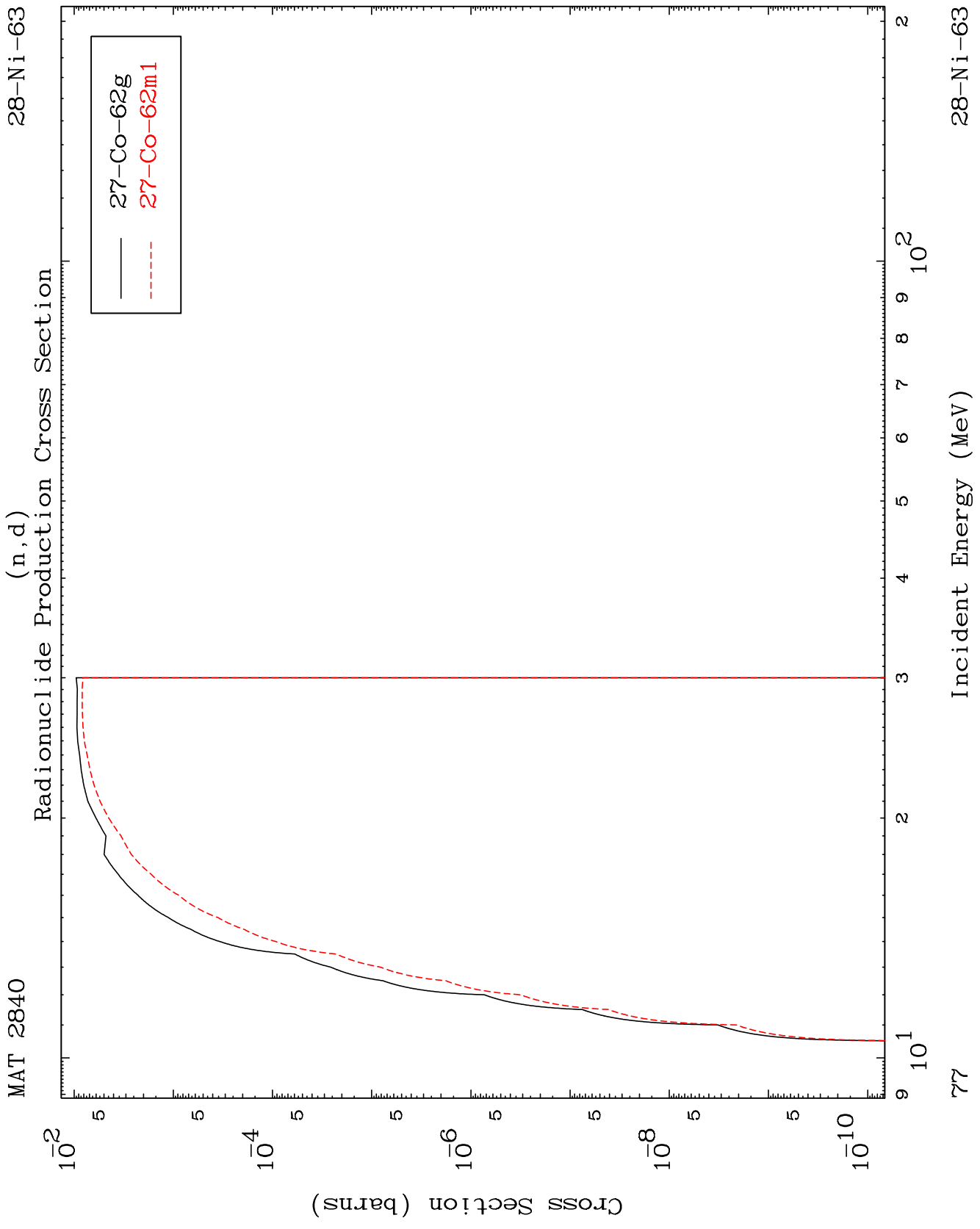
(n,n') p  $\alpha$   
Radionuclide Production Cross Section



76

Incident Energy (MeV)

28-Ni-63

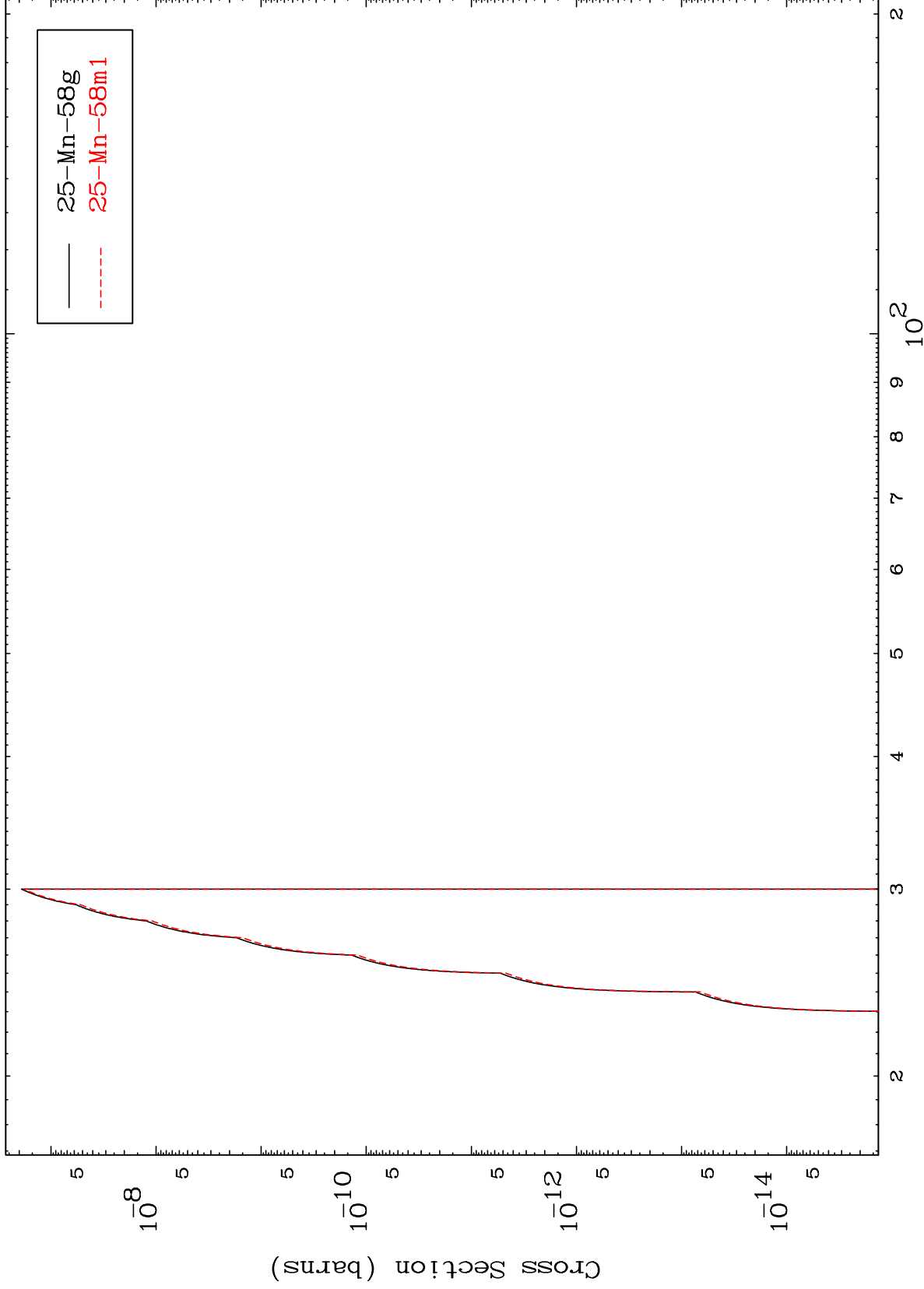


MAT 2840

(n,d)  $\alpha$

28-Ni-63

Radionuclide Production Cross Section



78

Incident Energy (MeV)

28-Ni-63