

Program EVALPLOT  
(Version 2021-1)

by

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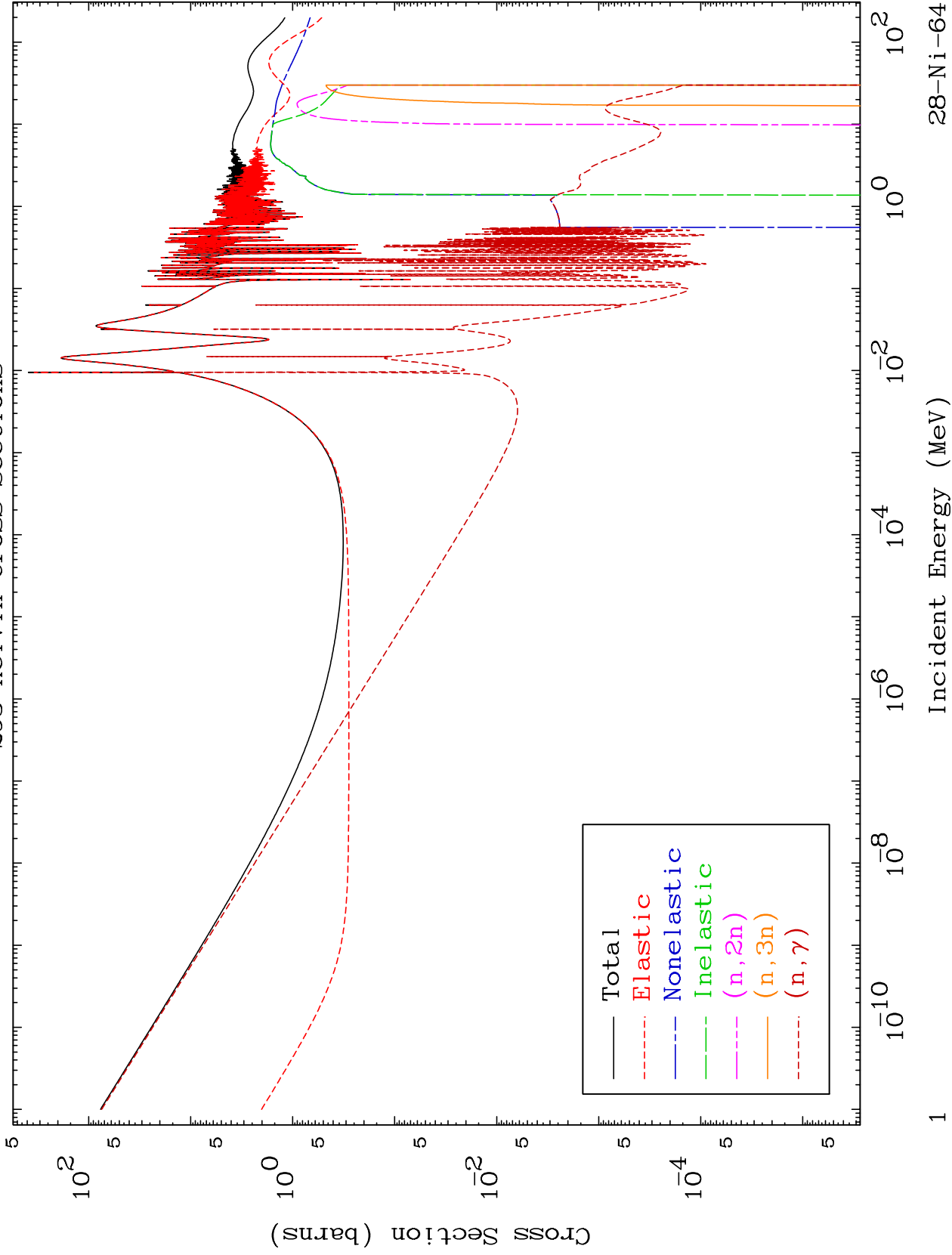
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Press Mouse Button to Start

MAT 2843

Neutron Major  
293 Kelvin Cross Sections

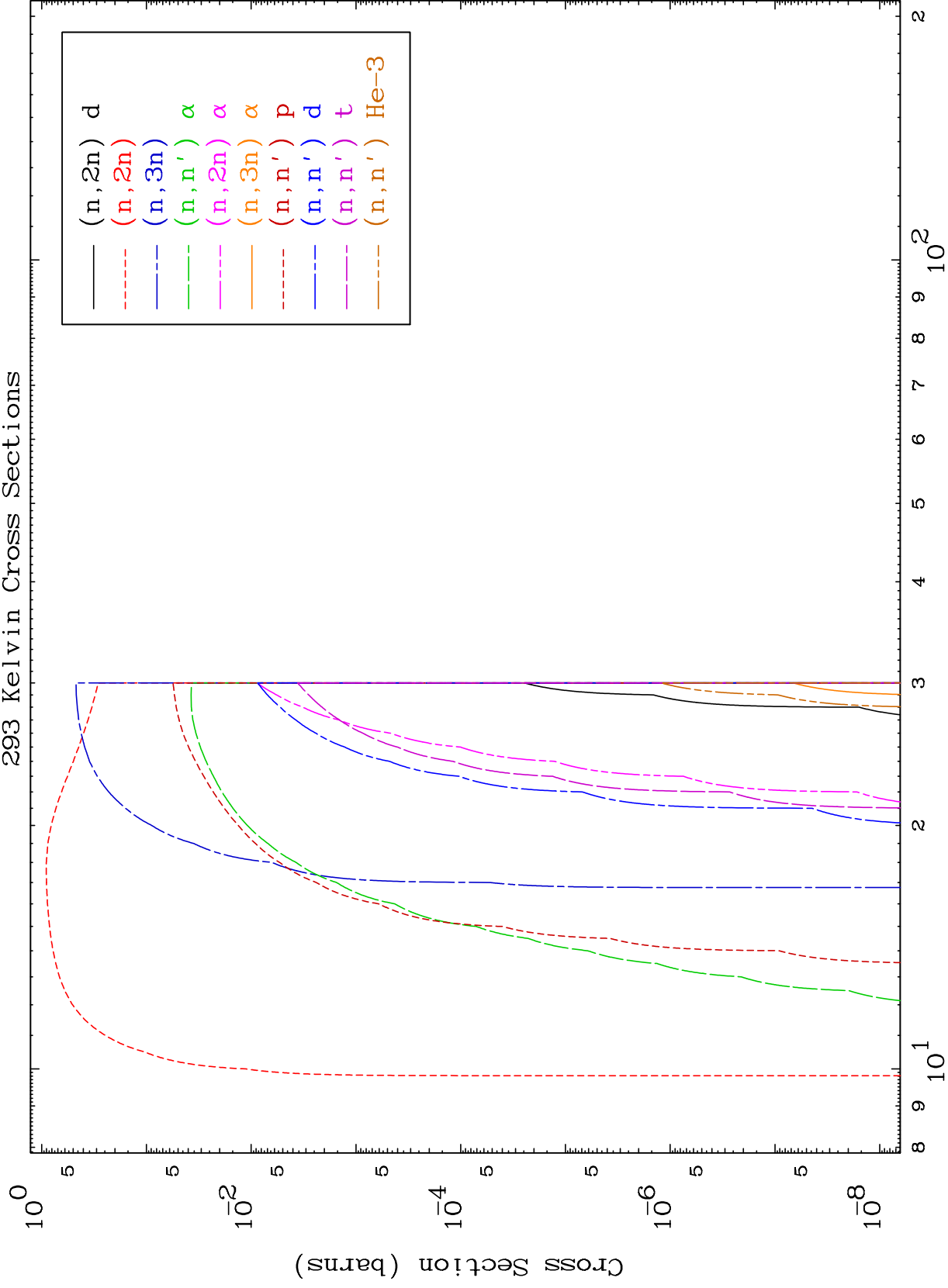
28-Ni-64



MAT 2843

Neutron Absorption  
293 Kelvin Cross Sections

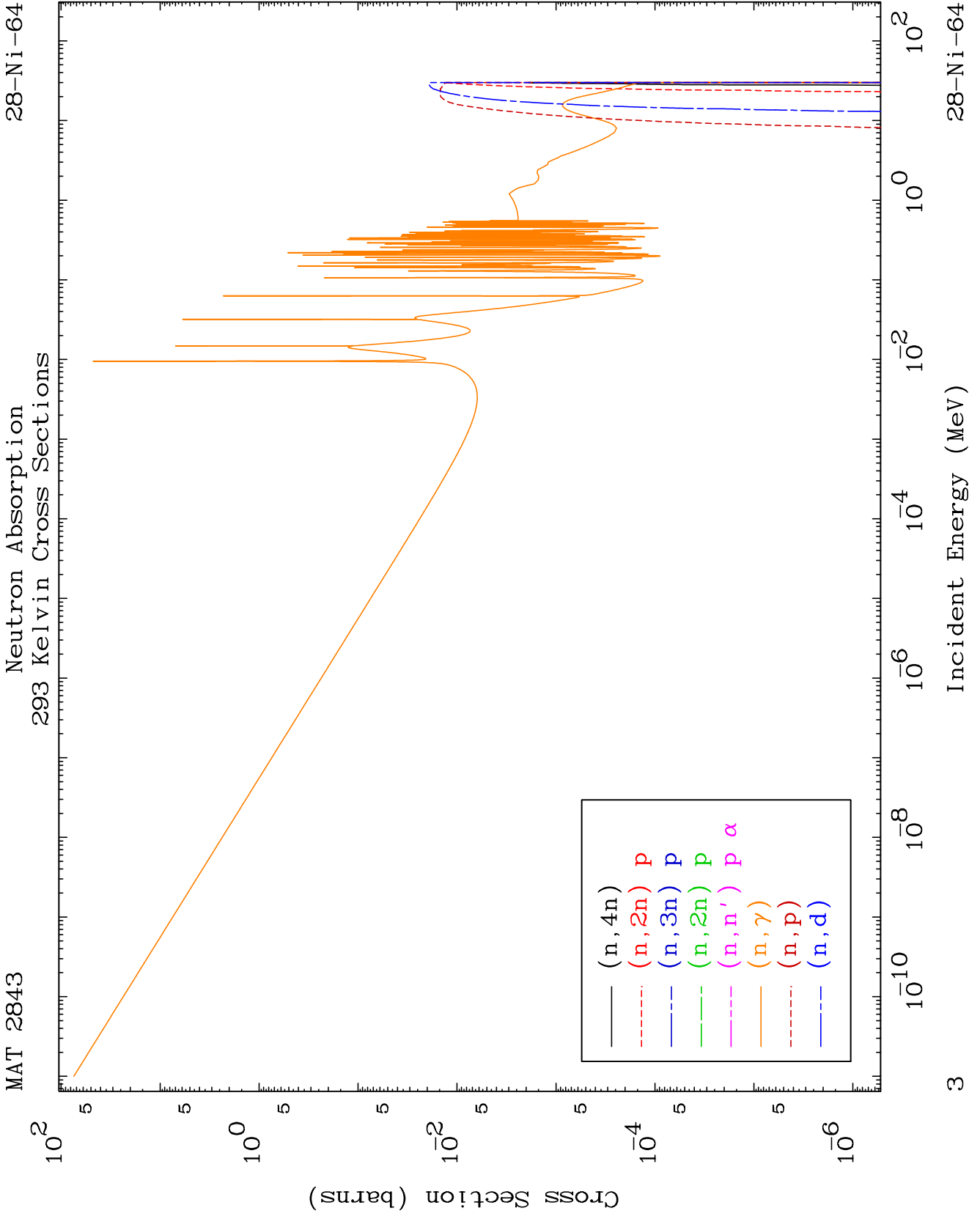
28-Ni-64

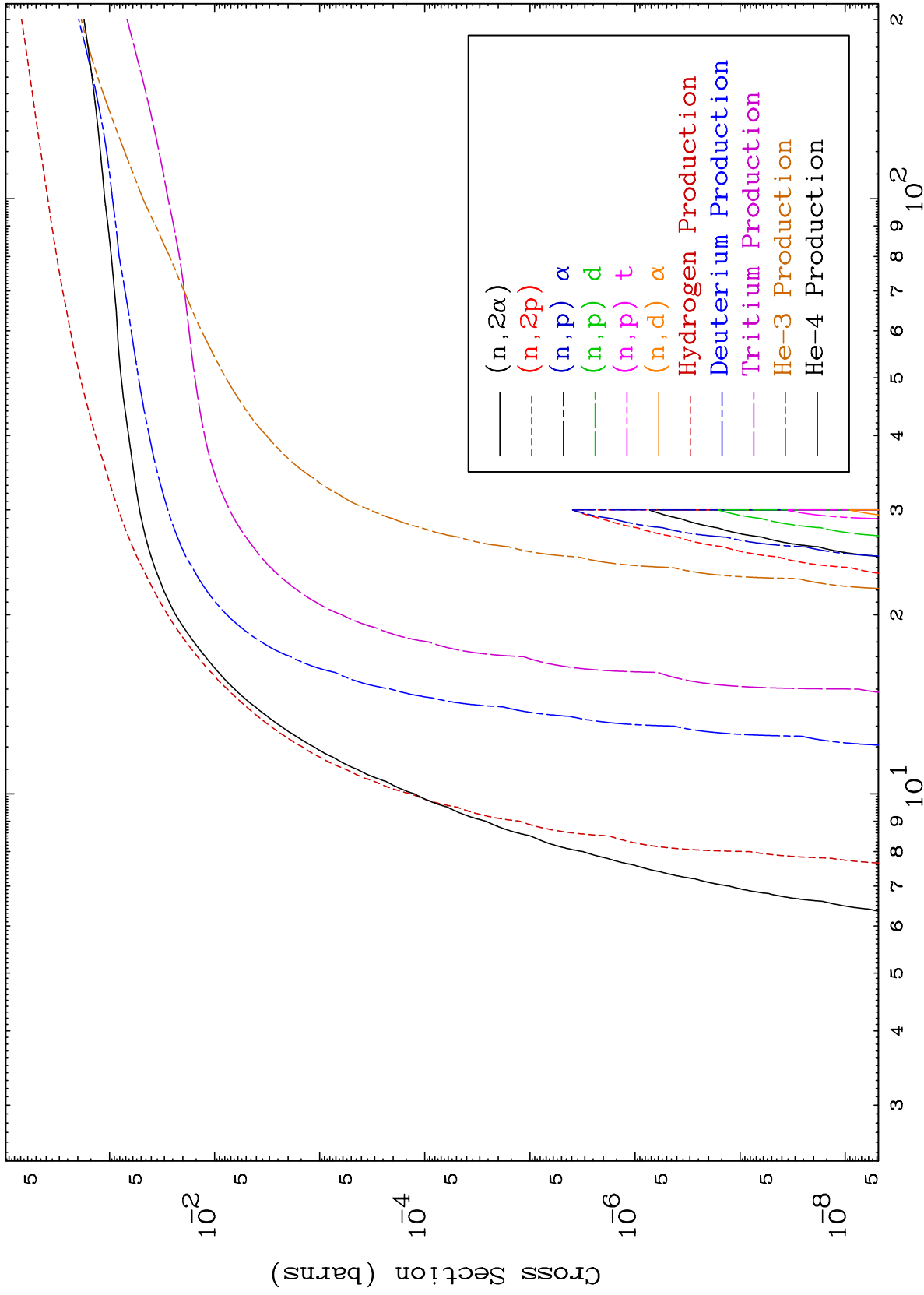


Incident Energy (MeV)

28-Ni-64

2

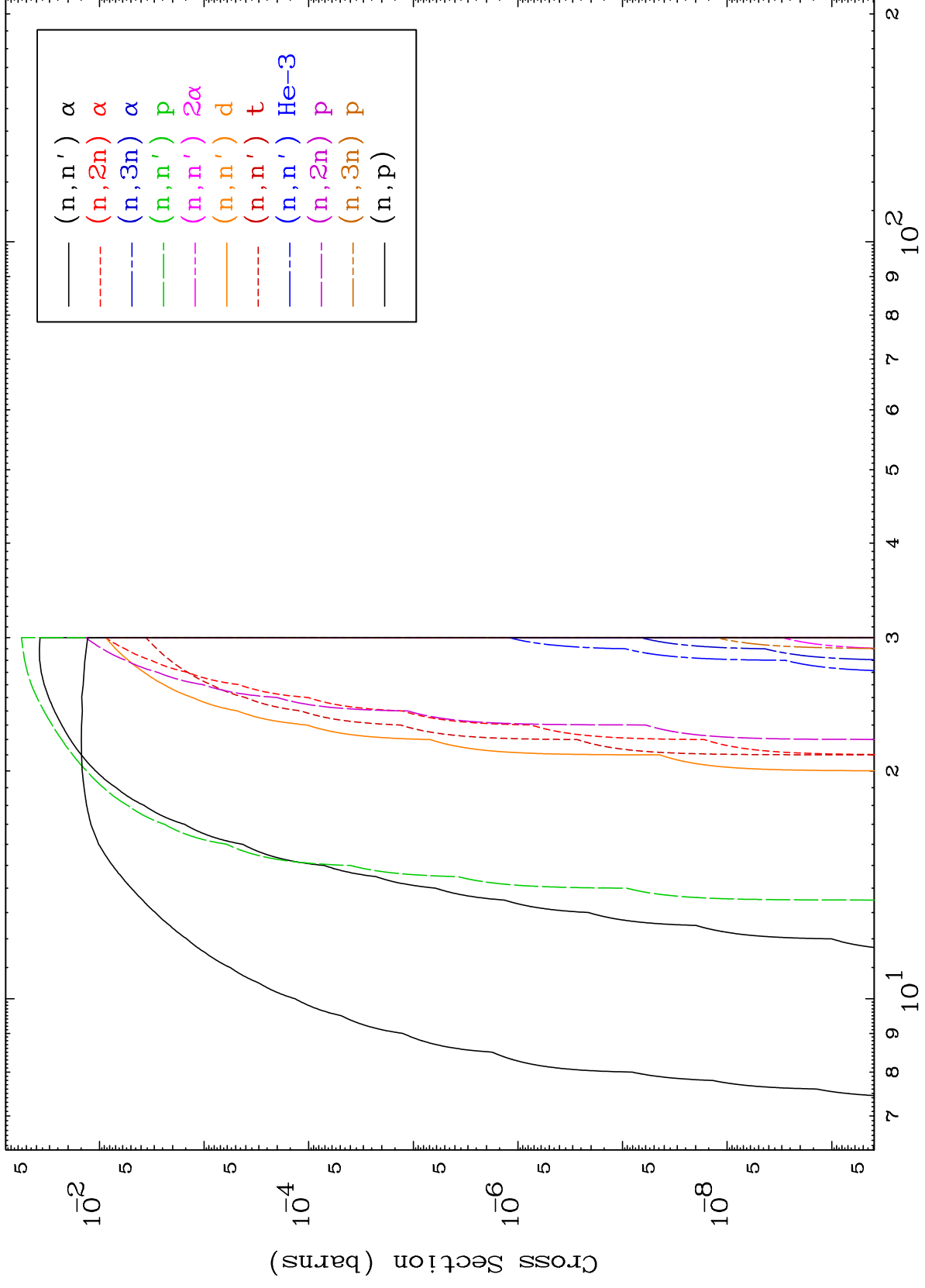




MAT 2843

Charged Particle  
293 Kelvin Cross Sections

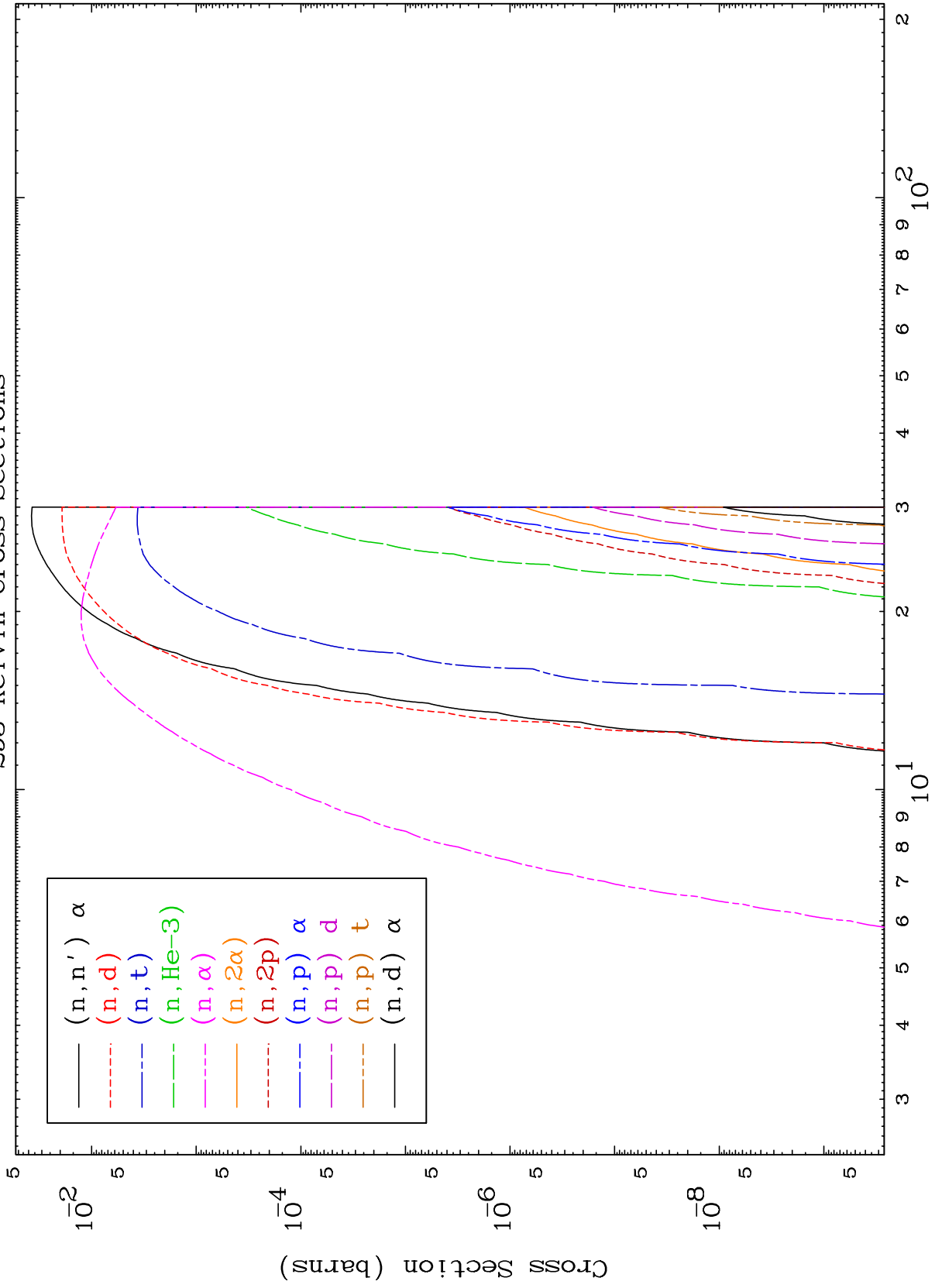
28-Ni-64

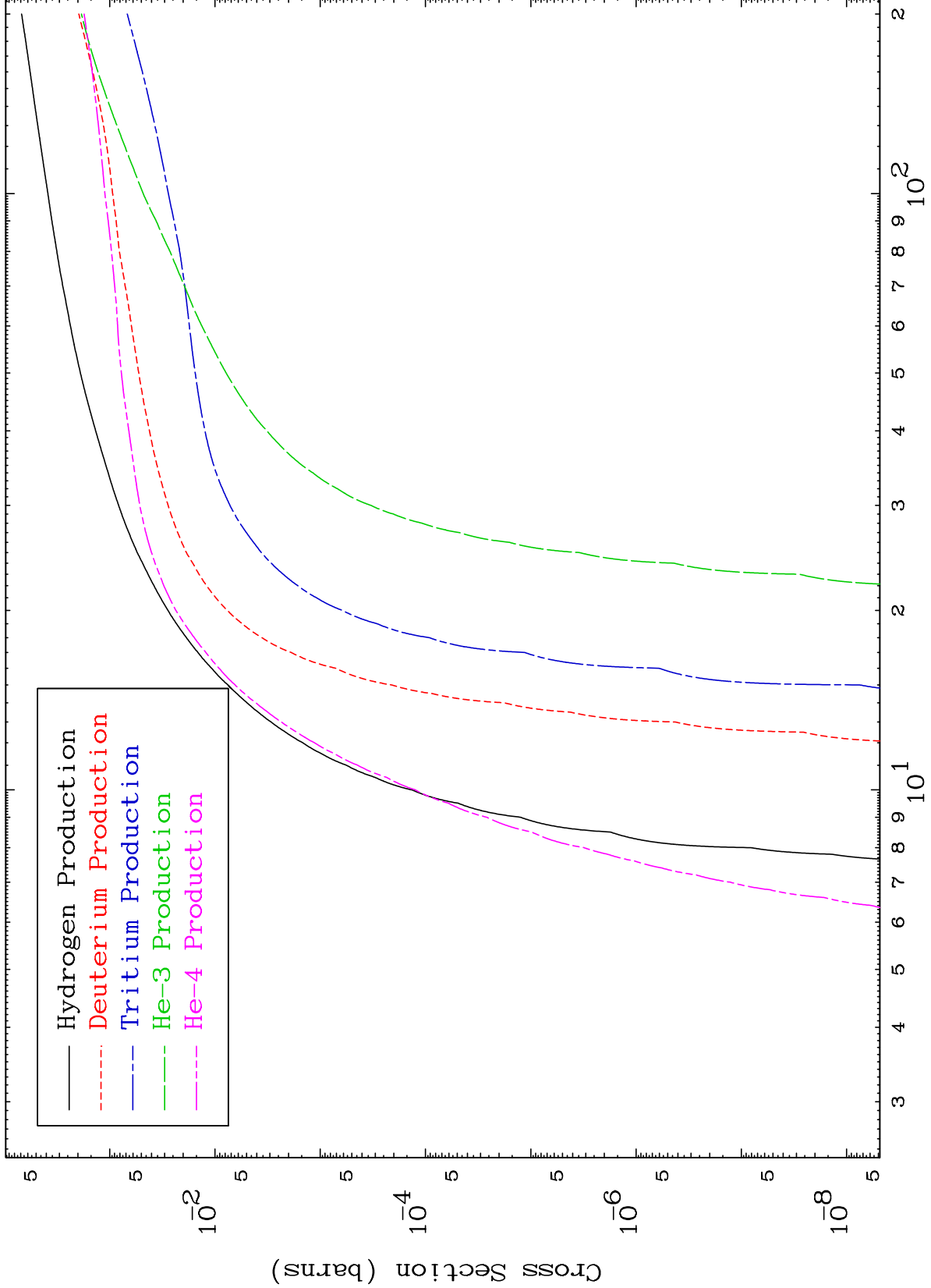


5

Incident Energy (MeV)

28-Ni-64





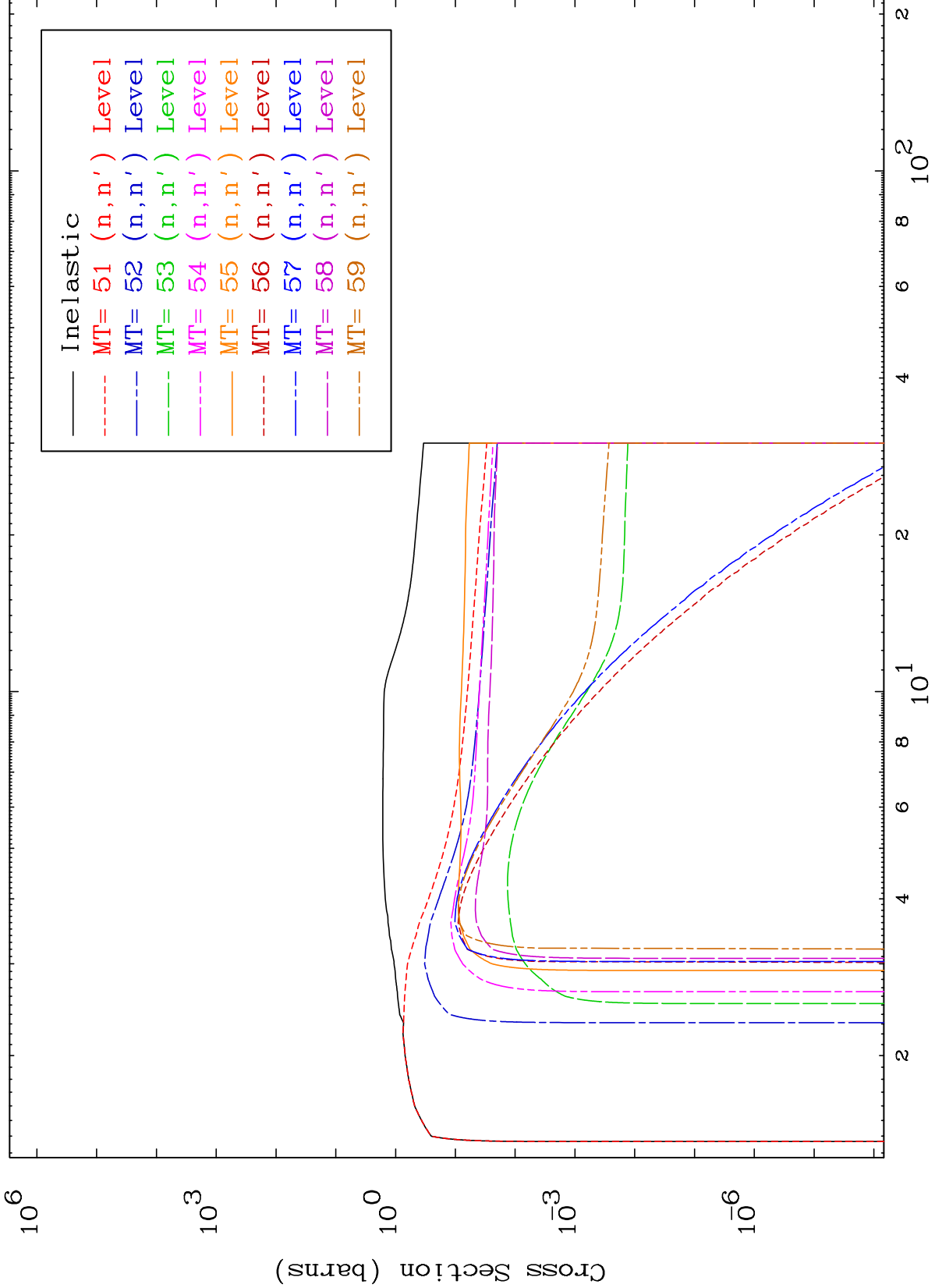


MAT 2843

(n,n') Levels

28-Ni-64

293 Kelvin Cross Sections

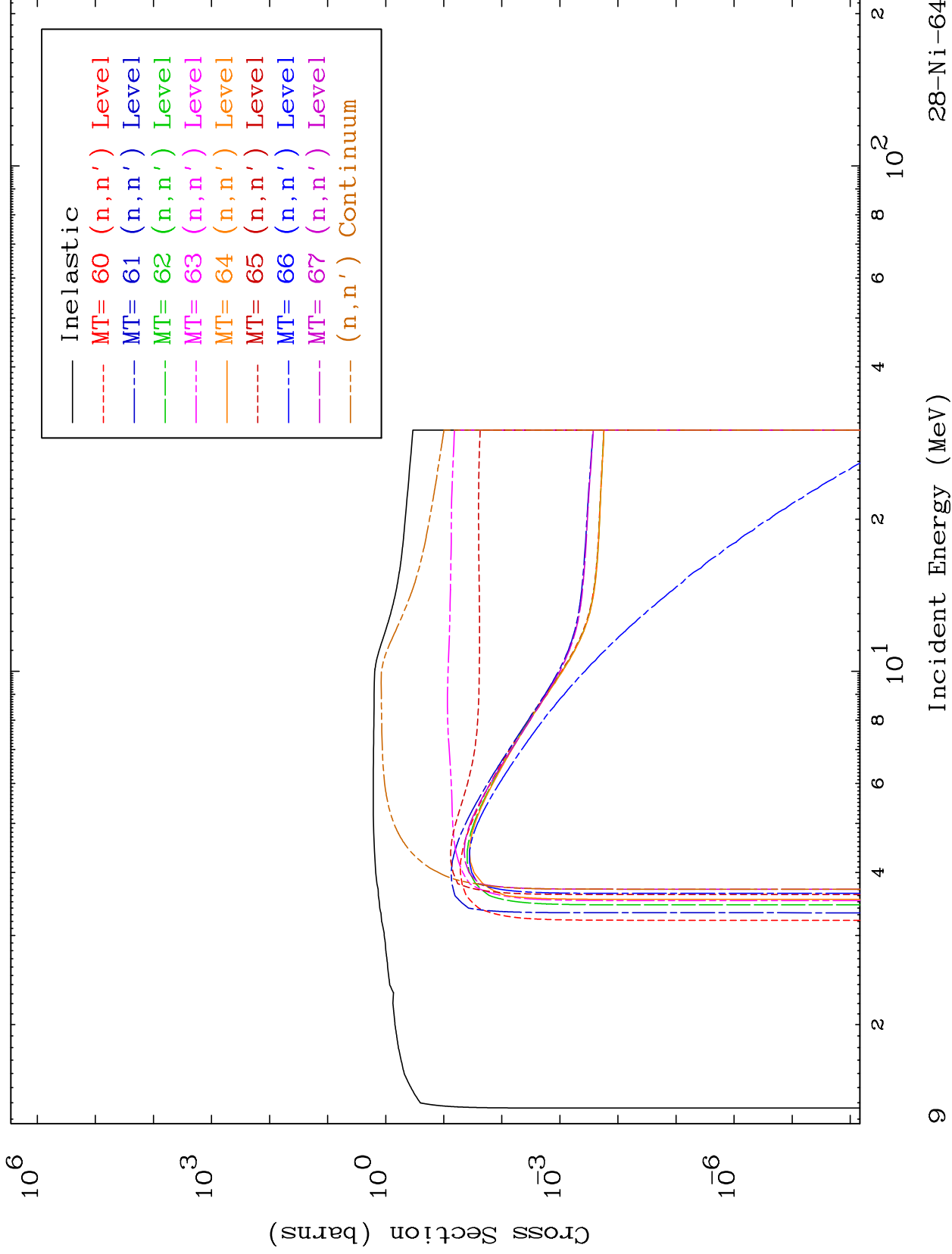


MAT 2843

(n,n') Levels

28-Ni-64

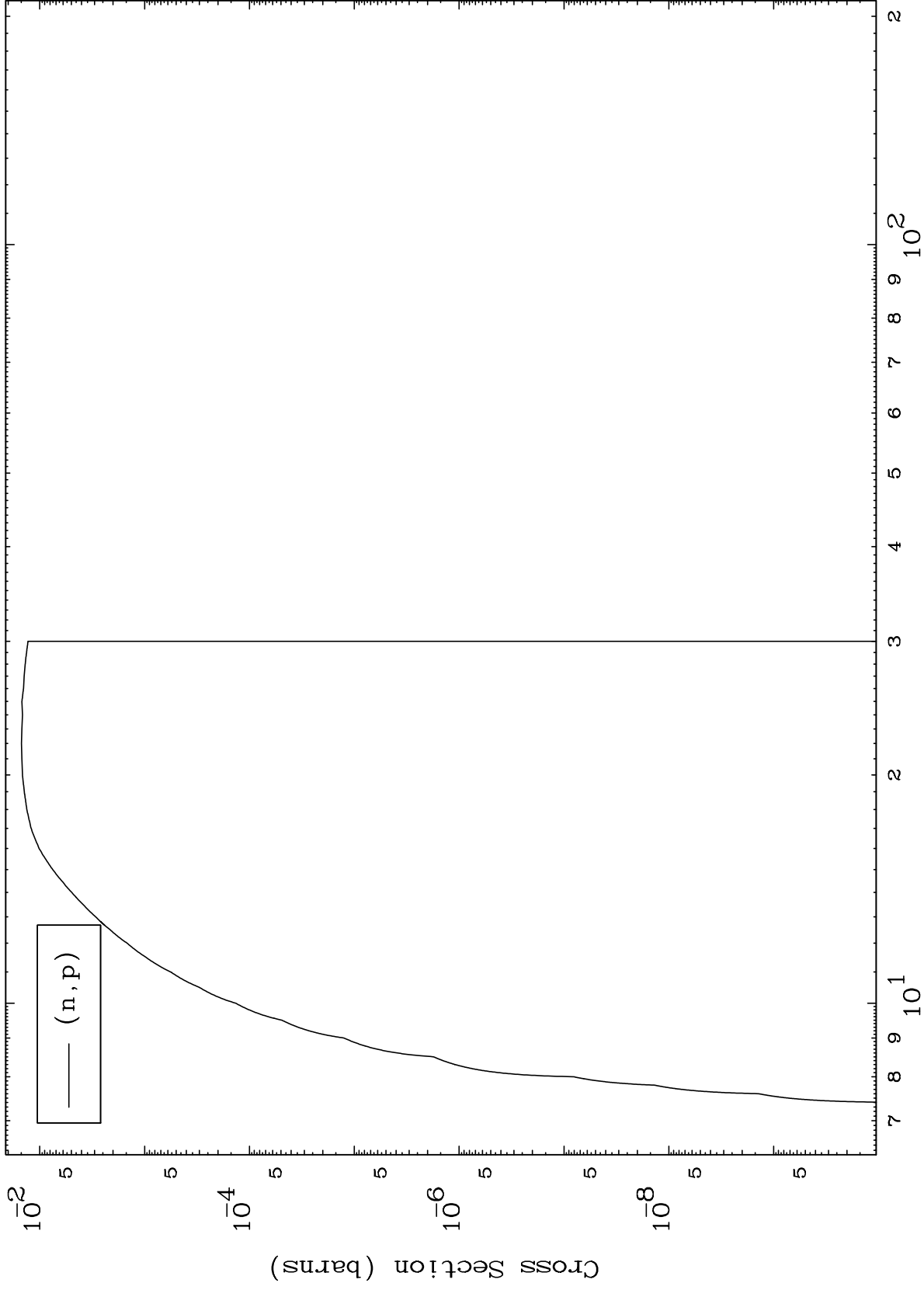
293 Kelvin Cross Sections



MAT 2843

(n,p) Levels  
293 Kelvin Cross Sections

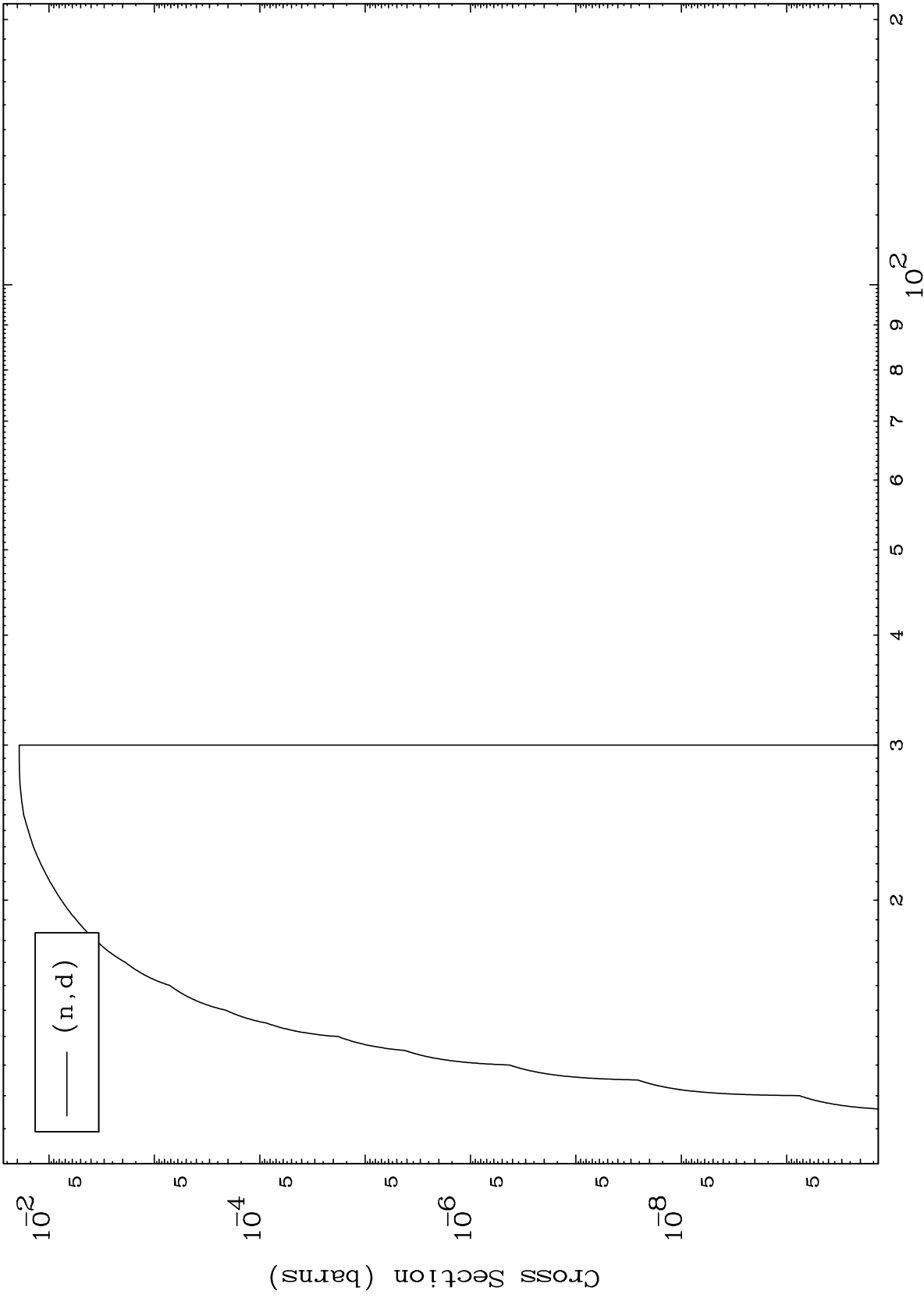
28-Ni-64



10

Incident Energy (MeV)

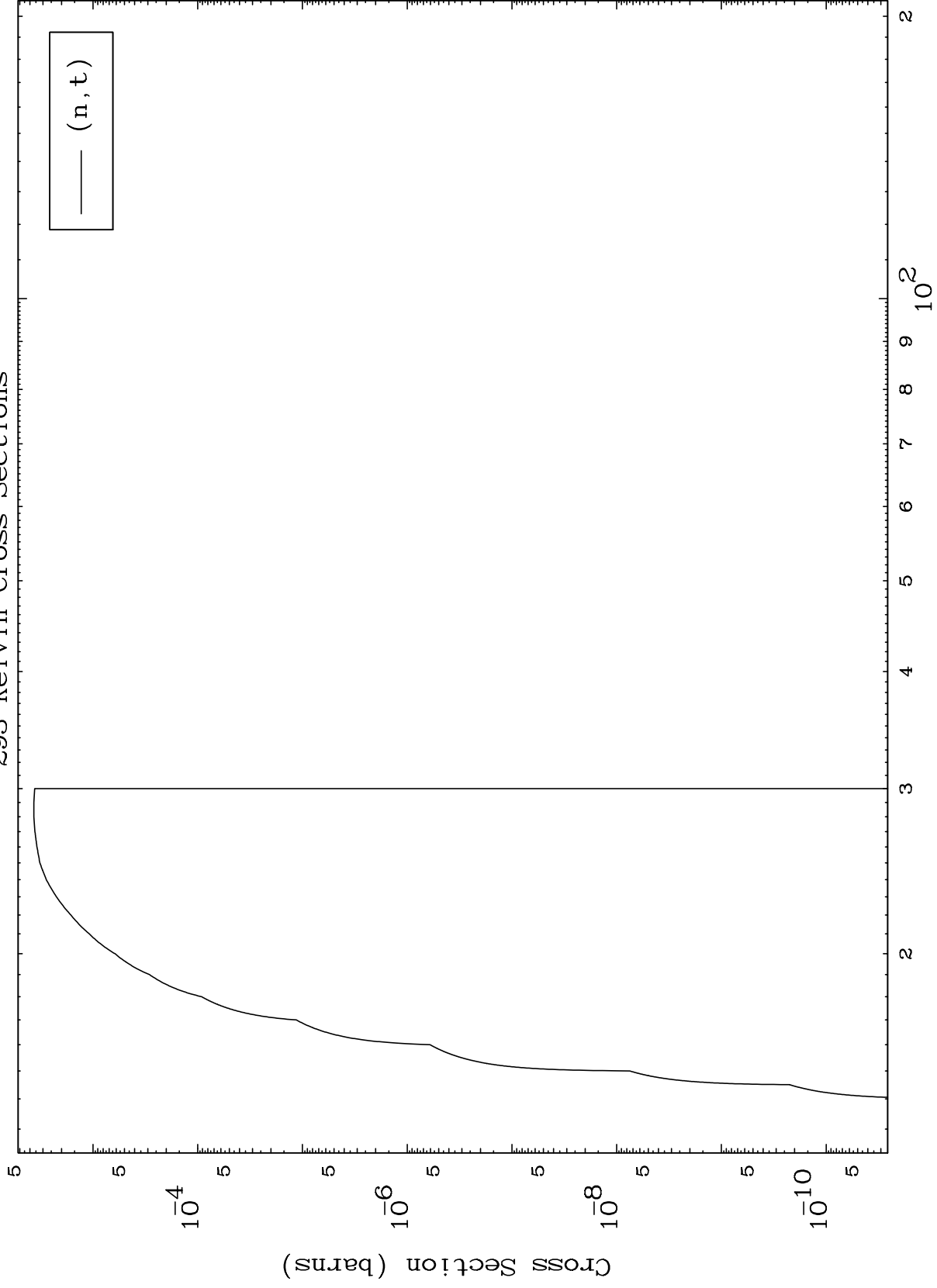
28-Ni-64



MAT 2843

(n,t) Levels  
293 Kelvin Cross Sections

28-Ni-64



12

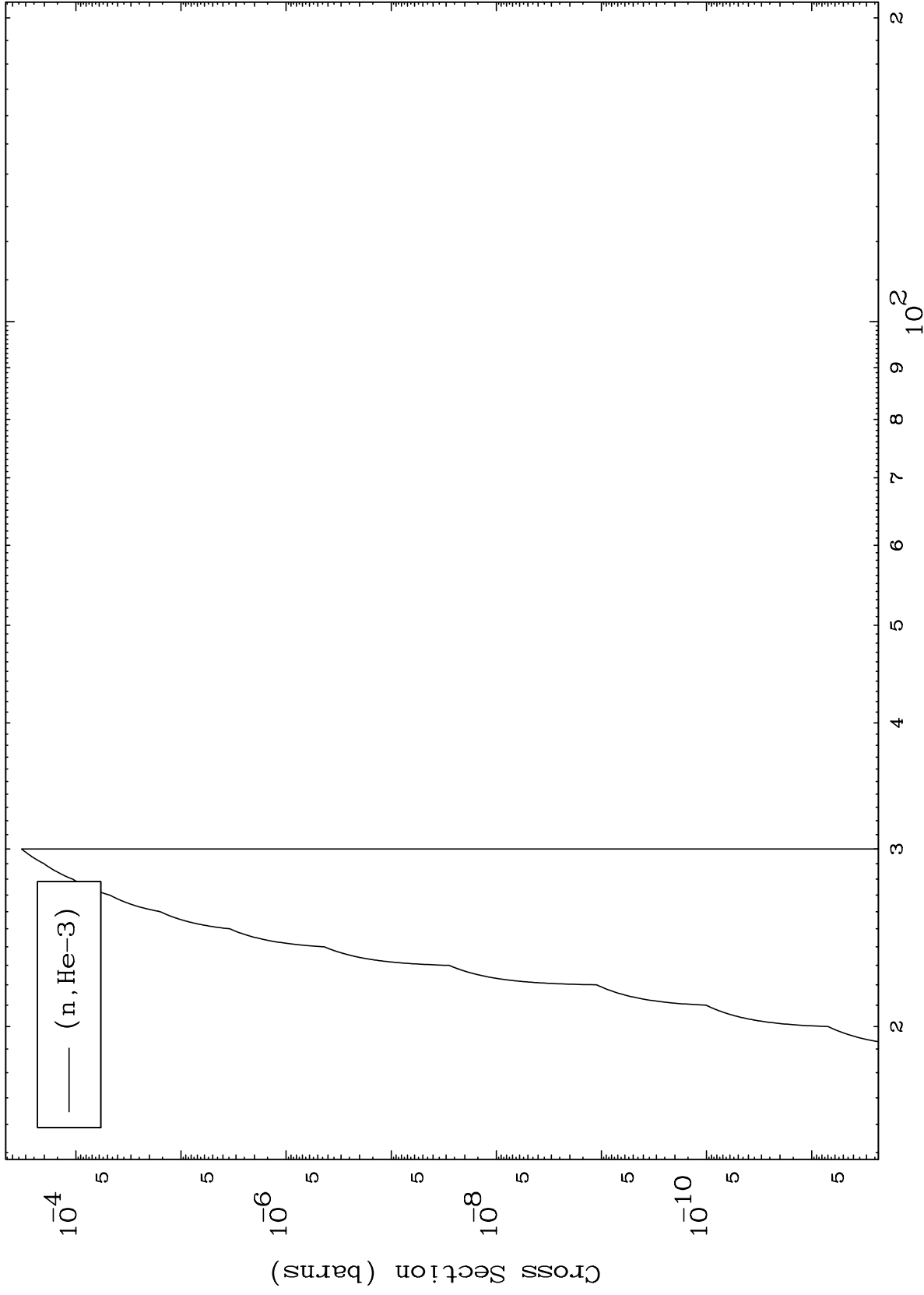
Incident Energy (MeV)

28-Ni-64

MAT 2843

(n,He3) Levels  
293 Kelvin Cross Sections

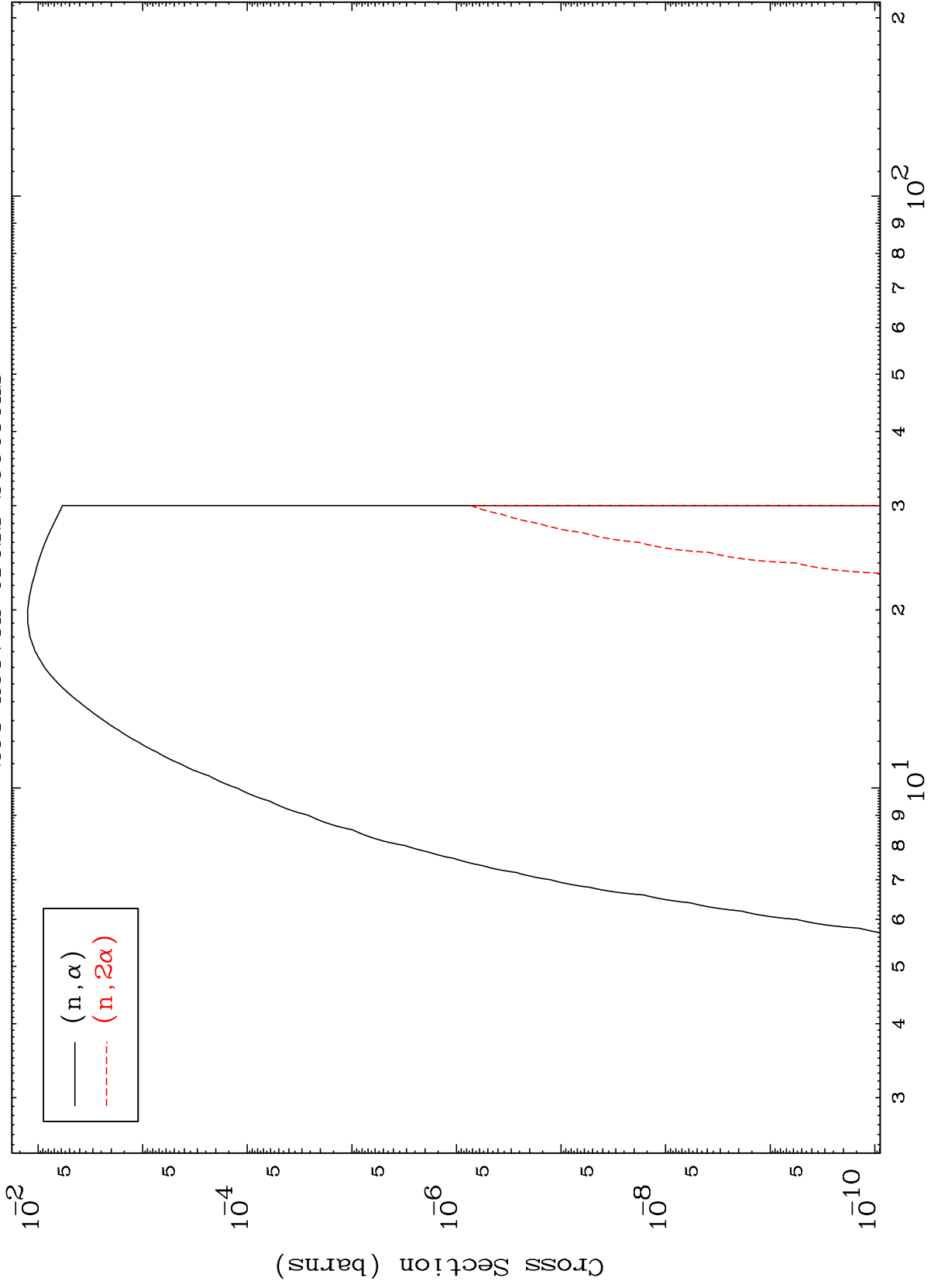
28-Ni-64



MAT 2843

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

28-Ni-64



14

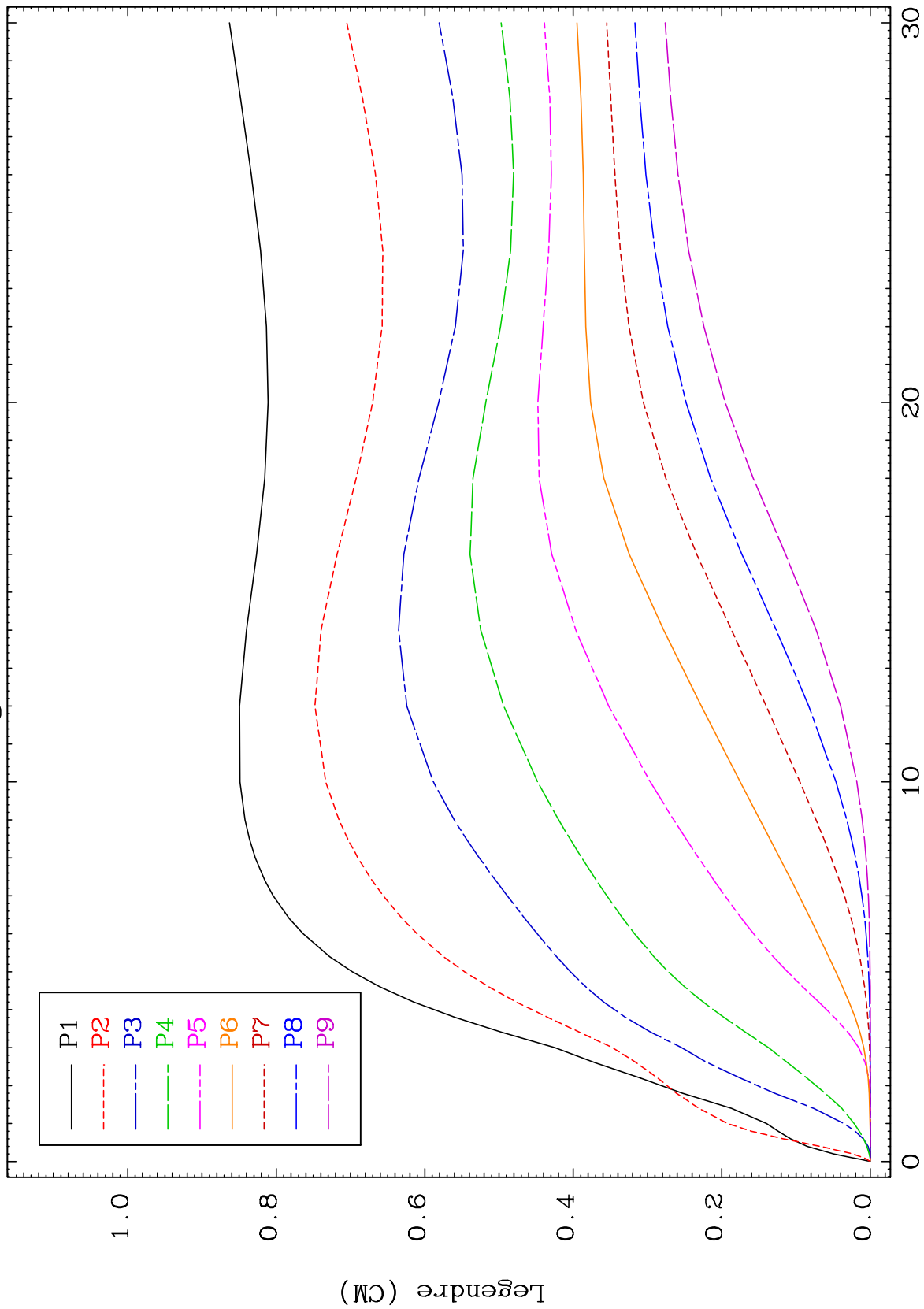
Incident Energy (MeV)

28-Ni-64

MAT 2843

Elastic Legendre Coefficients

<sup>28</sup>Ni-64

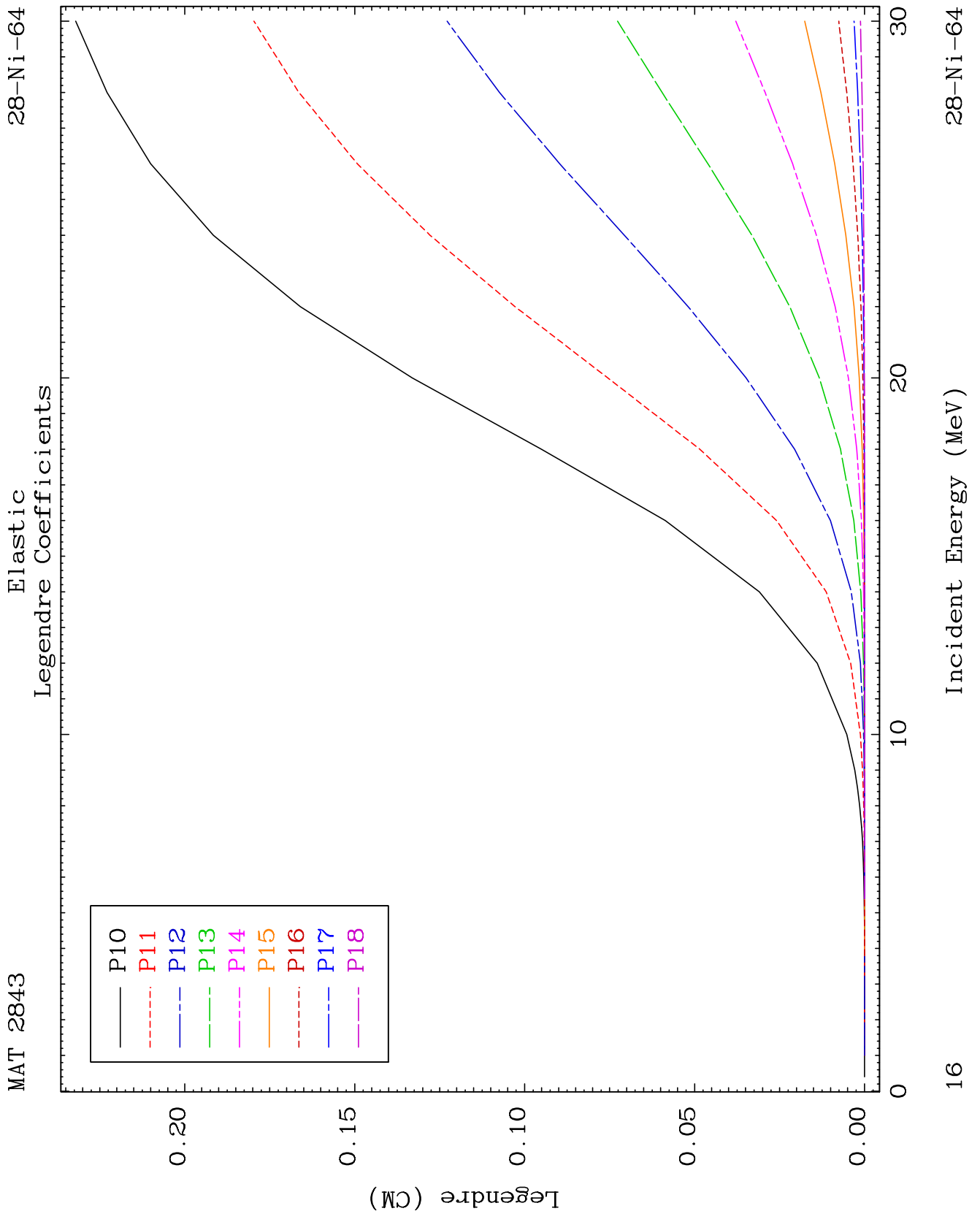


15

Incident Energy (MeV)

<sup>28</sup>Ni-64

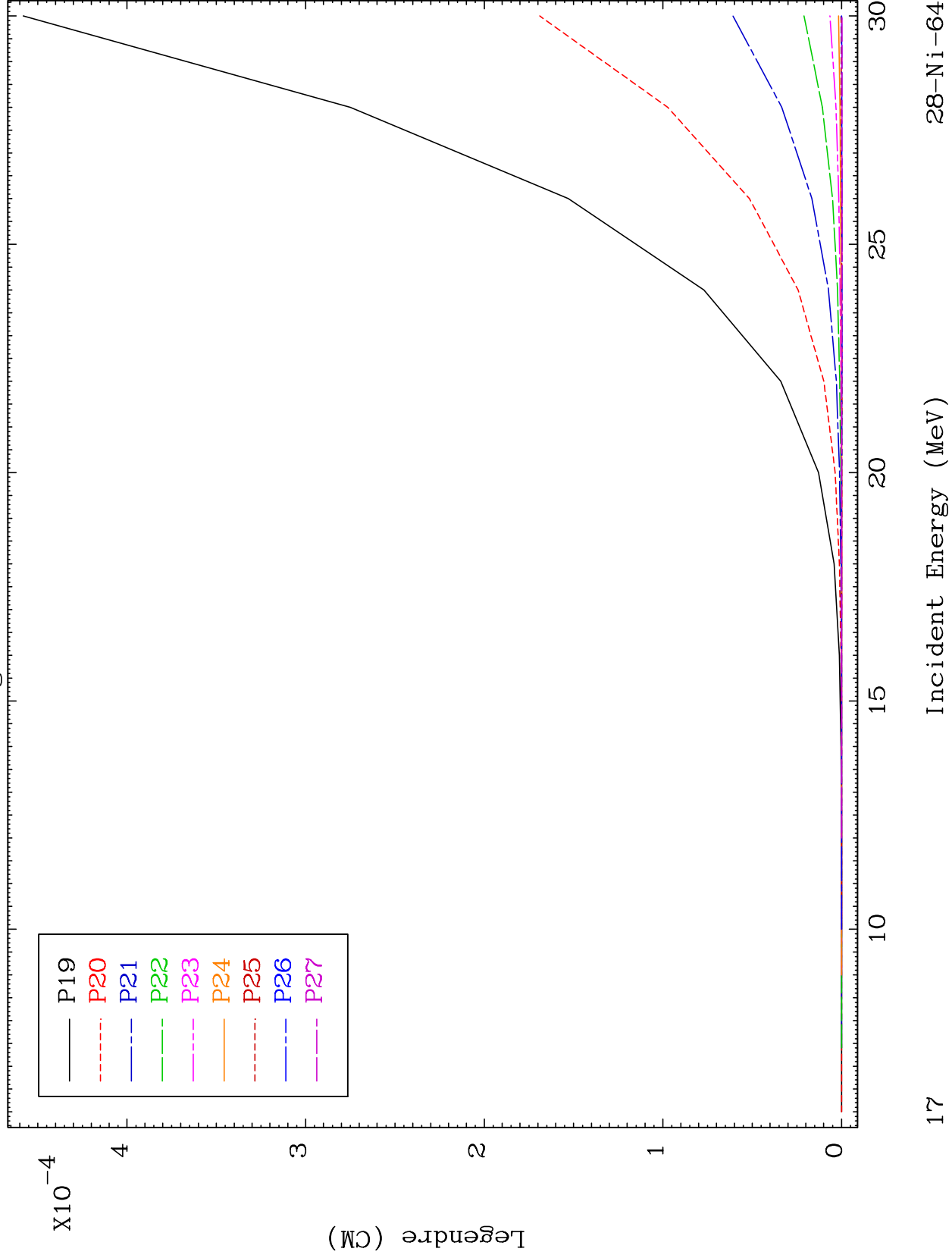




MAT 2843

Elastic Legendre Coefficients

28-Ni-64



17

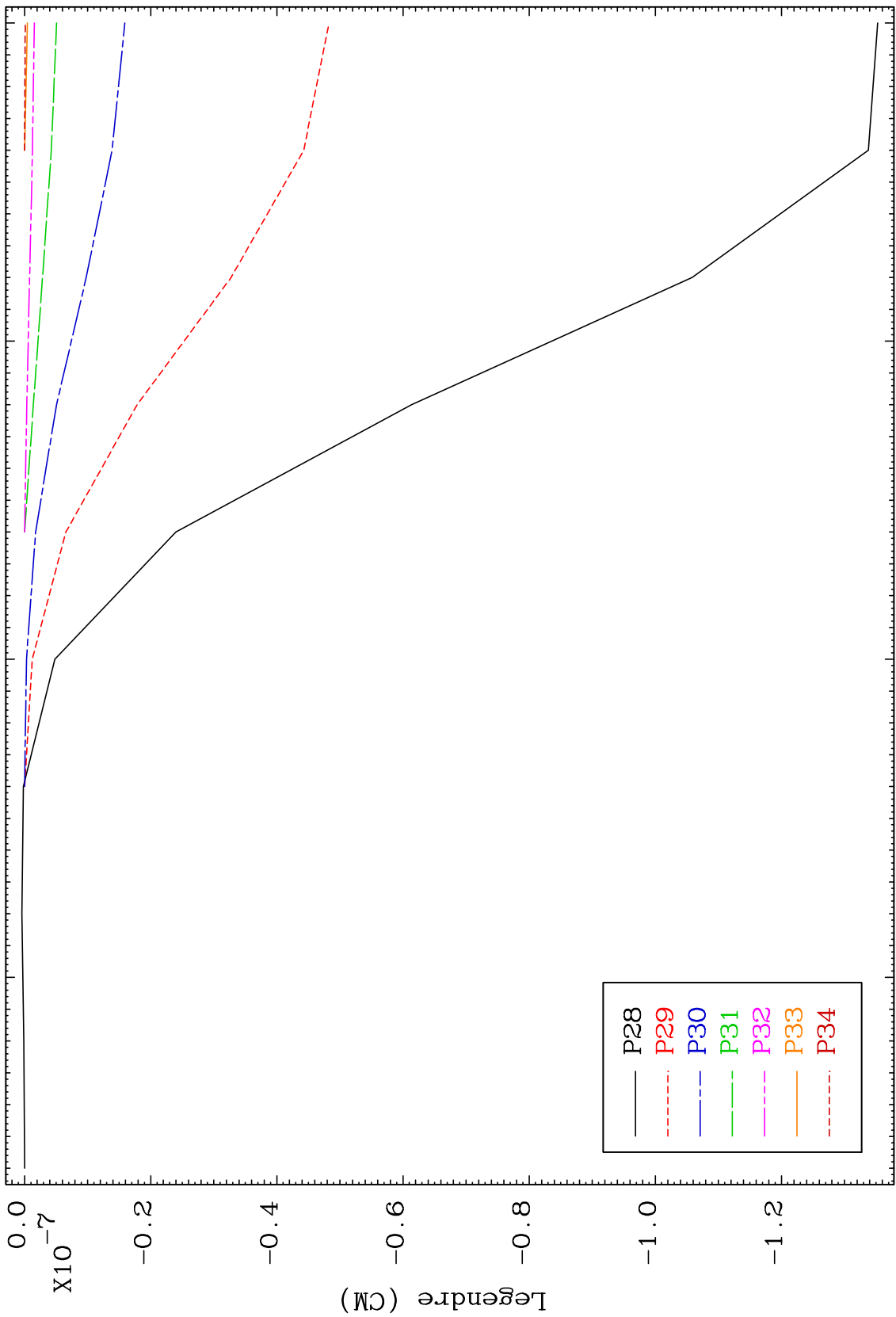
Incident Energy (MeV)

28-Ni-64

MAT 2843

28-Ni-64

Elastic Legendre Coefficients



18

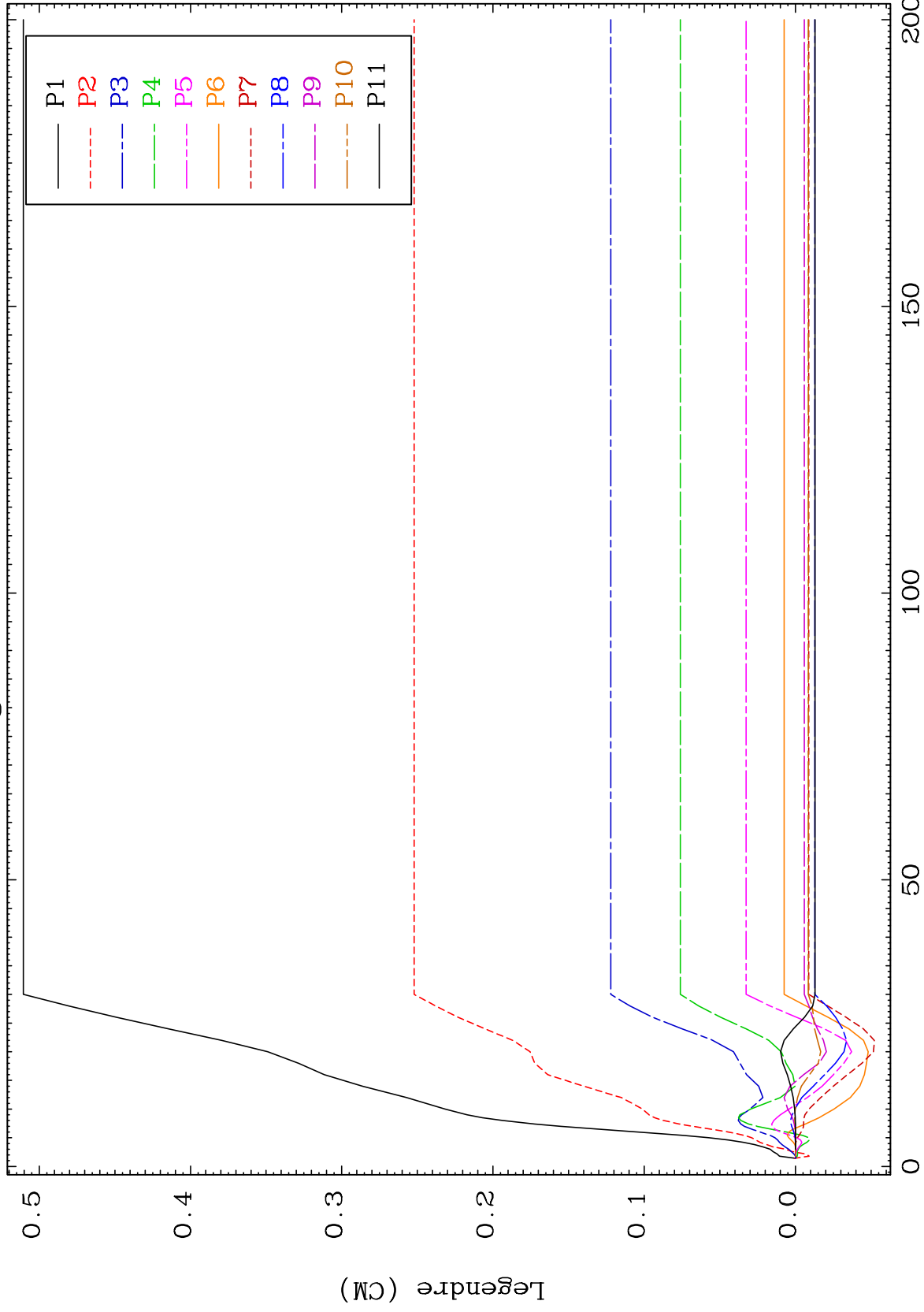
Incident Energy (MeV)

28-Ni-64

MAT 2843

MT= 51 (n,n') Level  
Legendre Coefficients

28-Ni-64



19

Incident Energy (MeV)

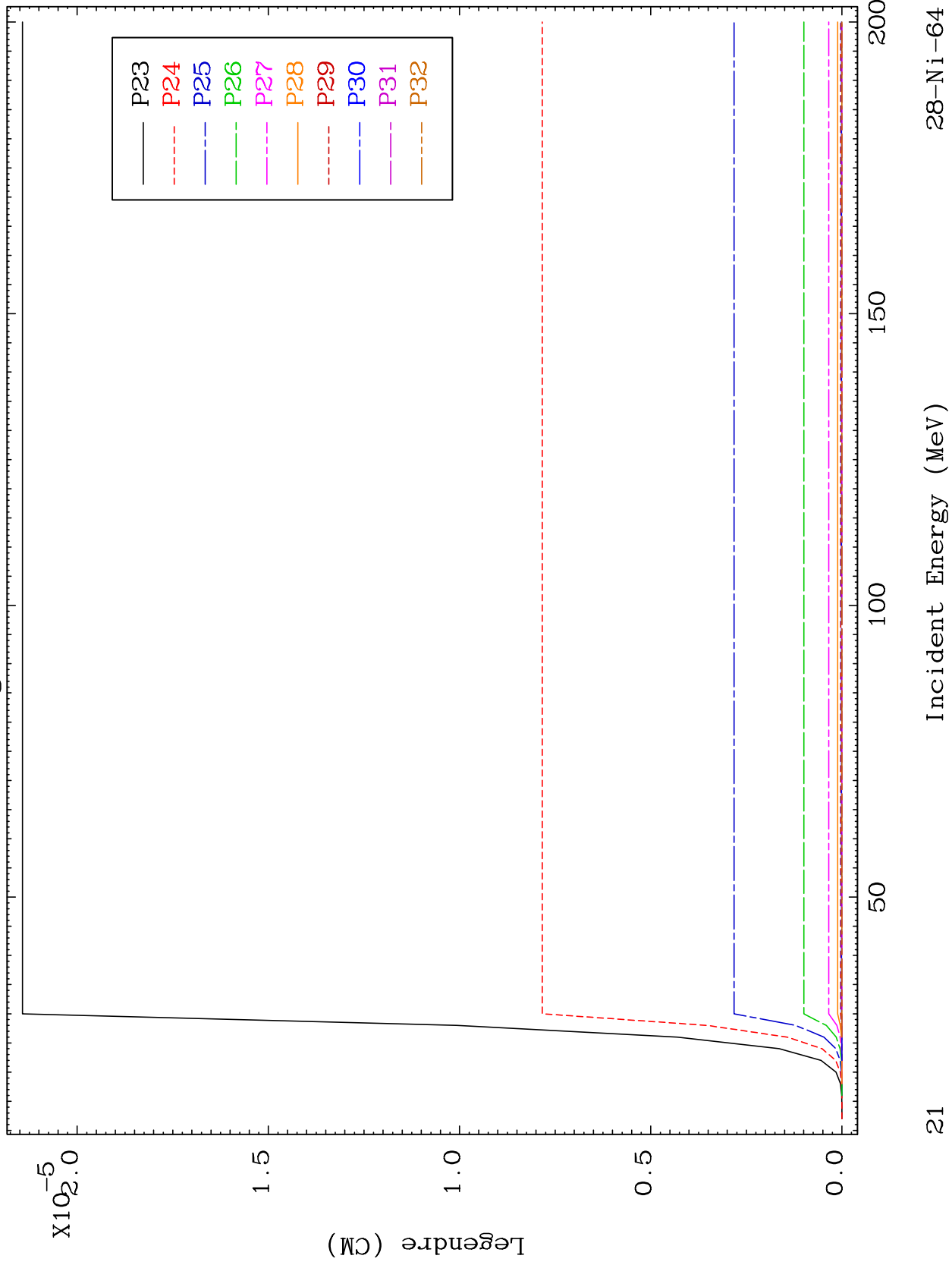
28-Ni-64



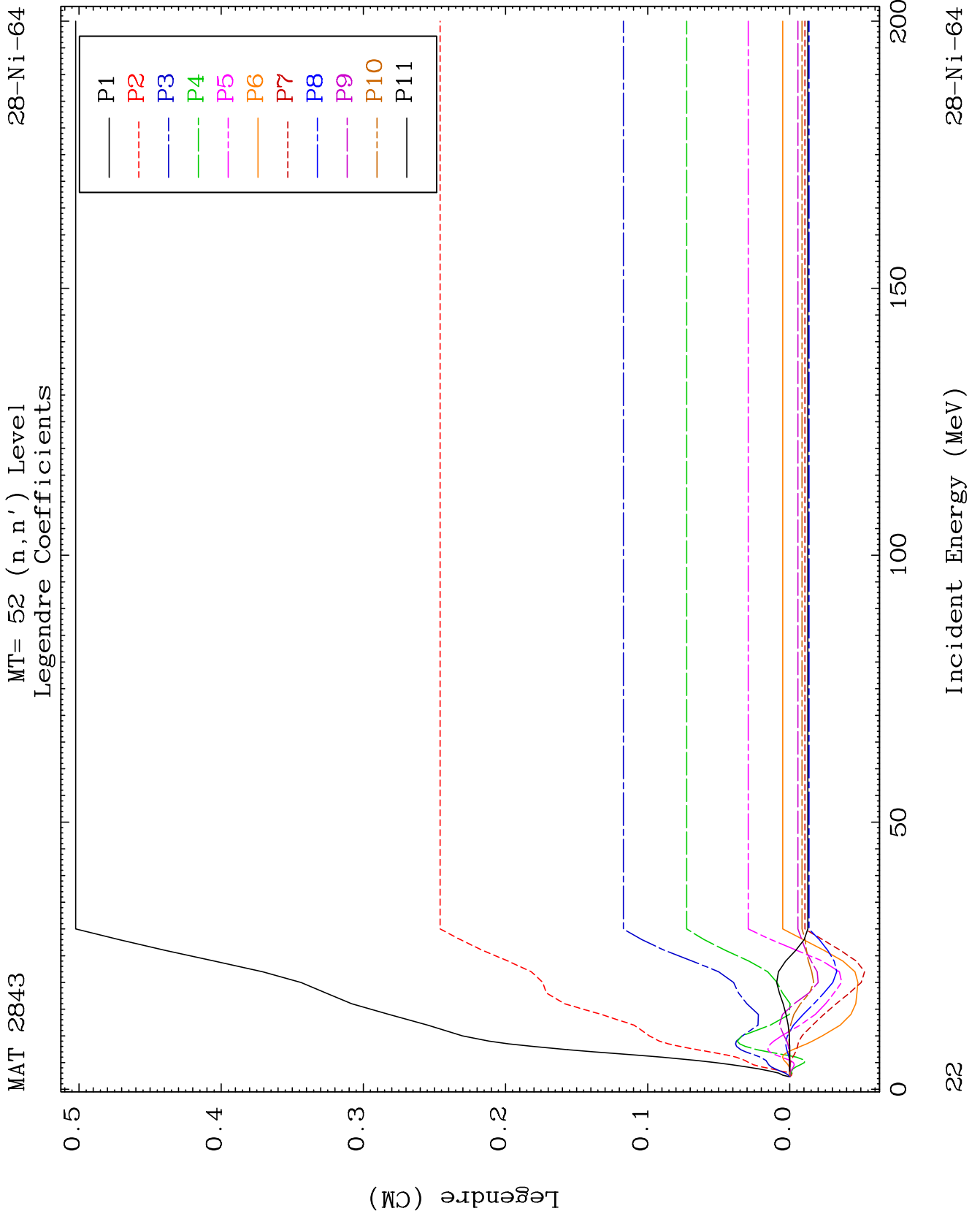
MAT 2843

MT= 51 (n,n') Level  
Legendre Coefficients

28-Ni-64



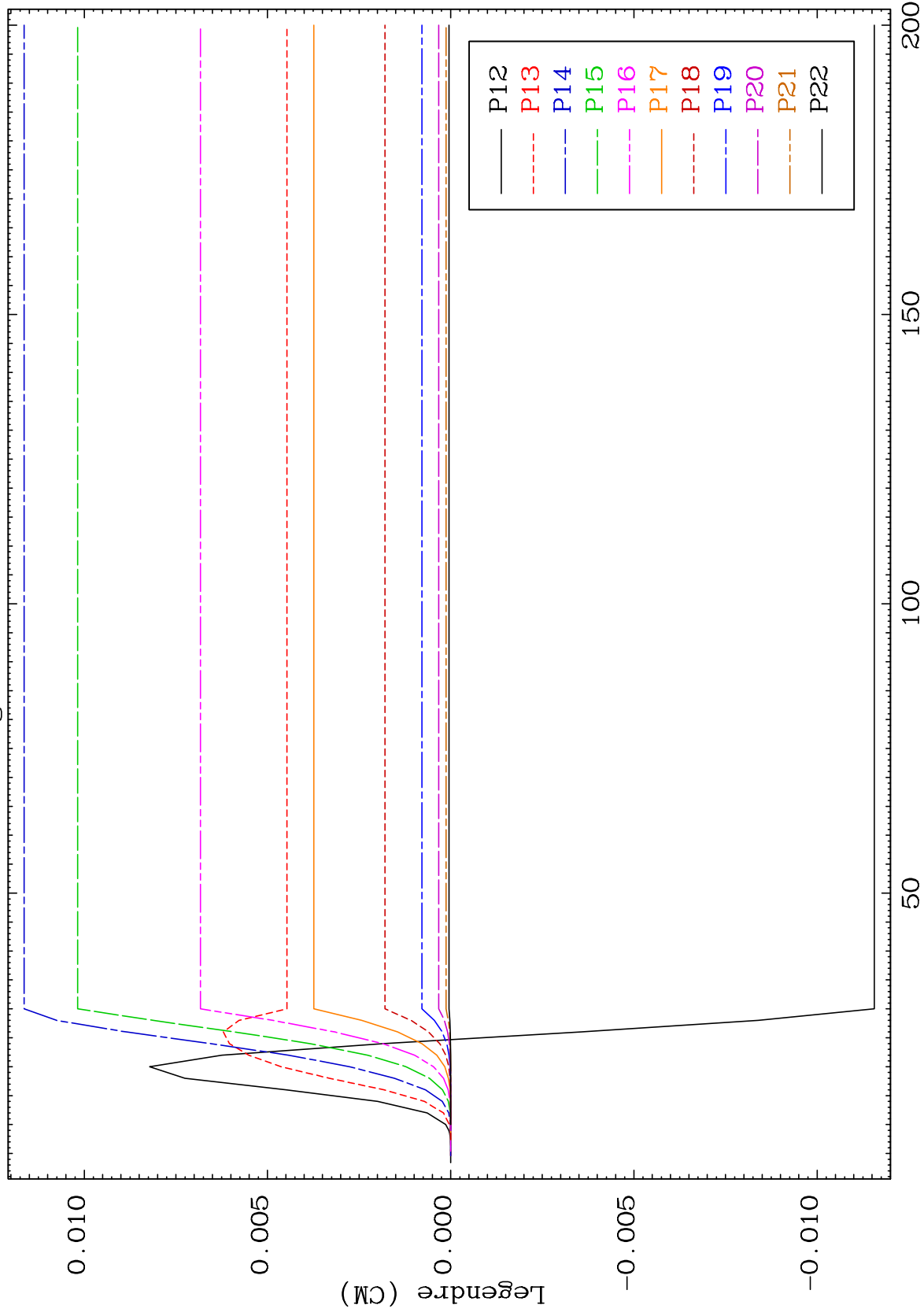
21



MAT 2843

MT= 52 (n,n') Level  
Legendre Coefficients

28-Ni-64



23

Incident Energy (MeV)

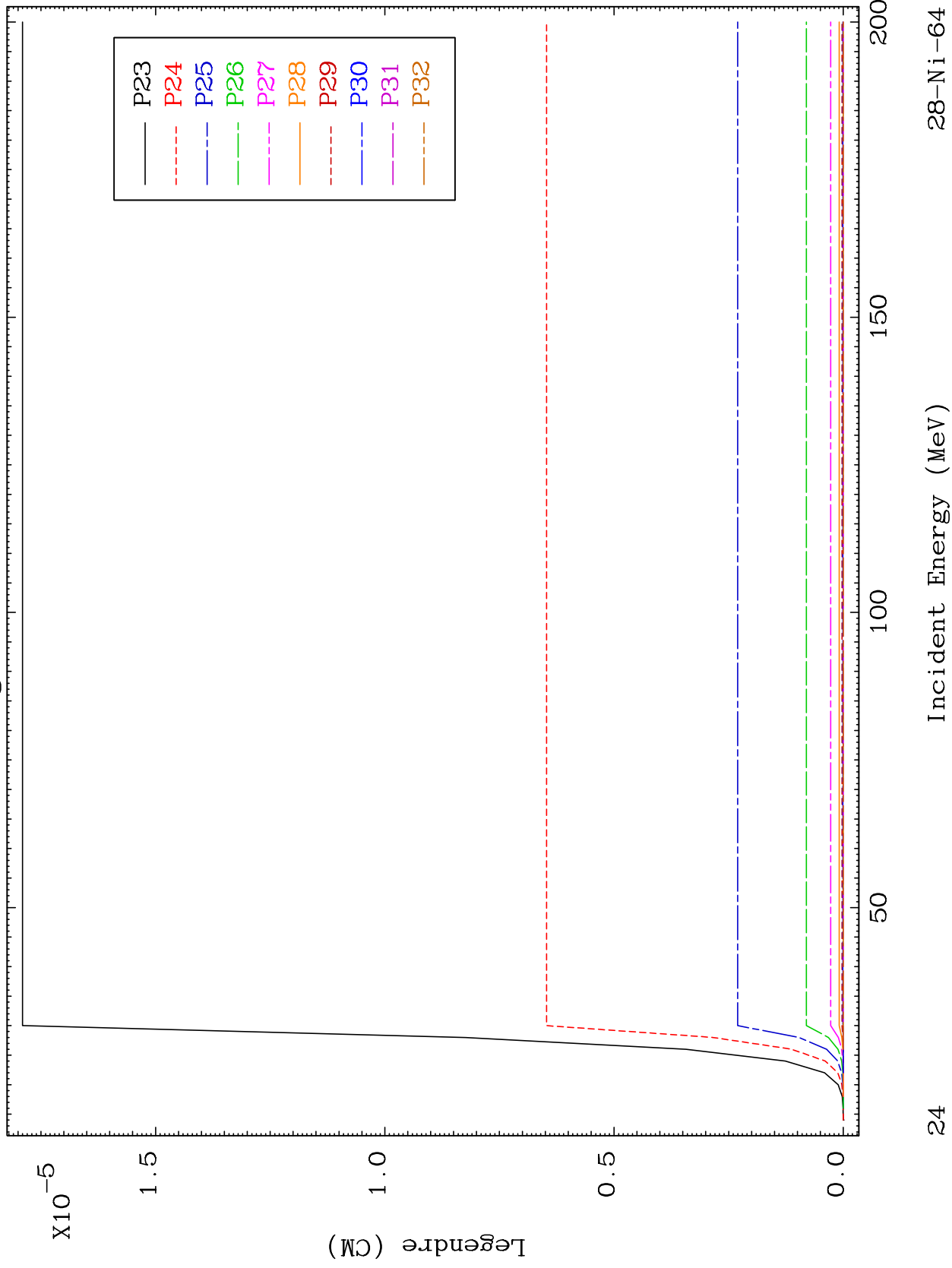
28-Ni-64



MAT 2843

MT= 52 (n,n') Level  
Legendre Coefficients

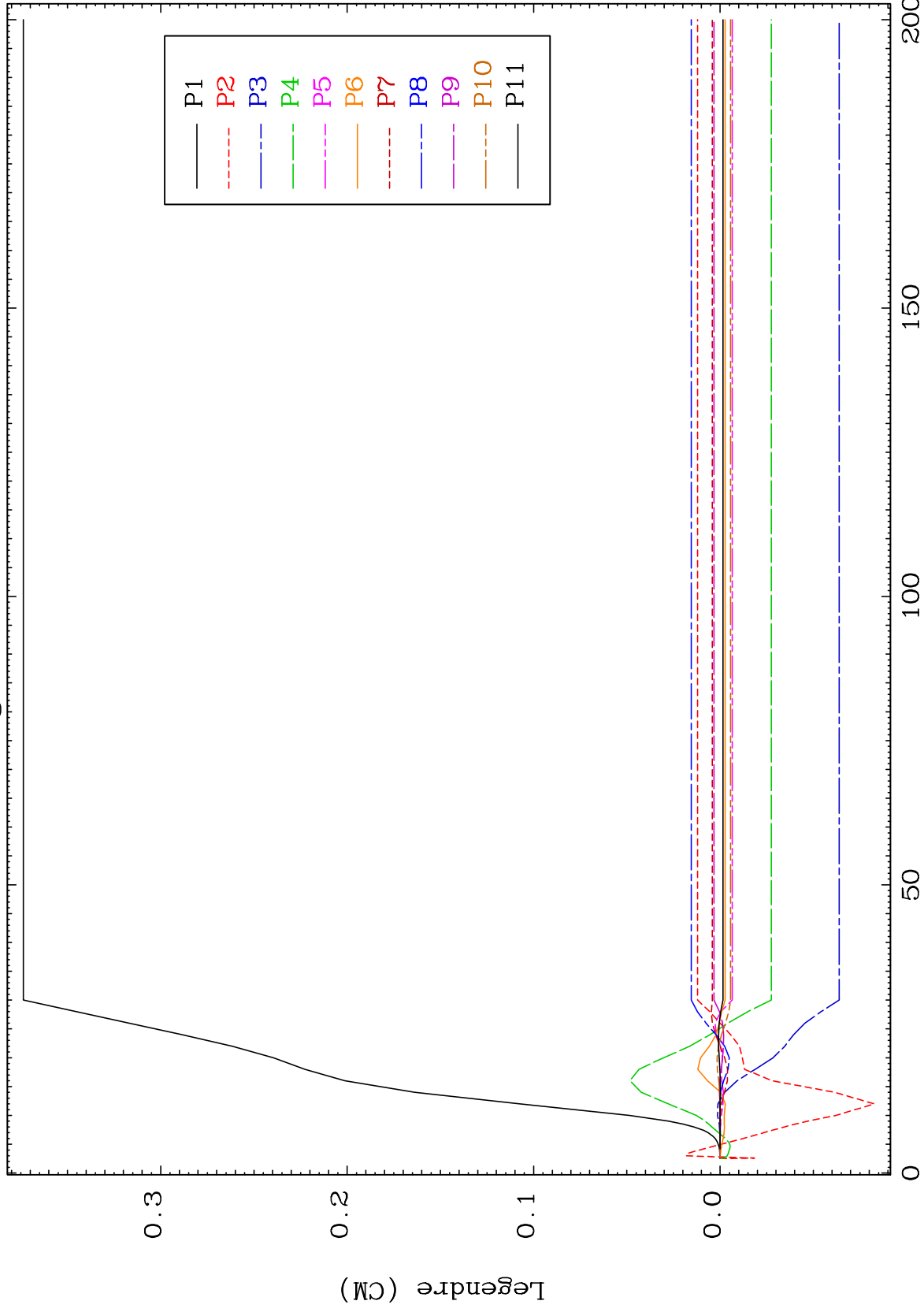
28-Ni-64



MAT 2843

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

28-Ni-64



28-Ni-64

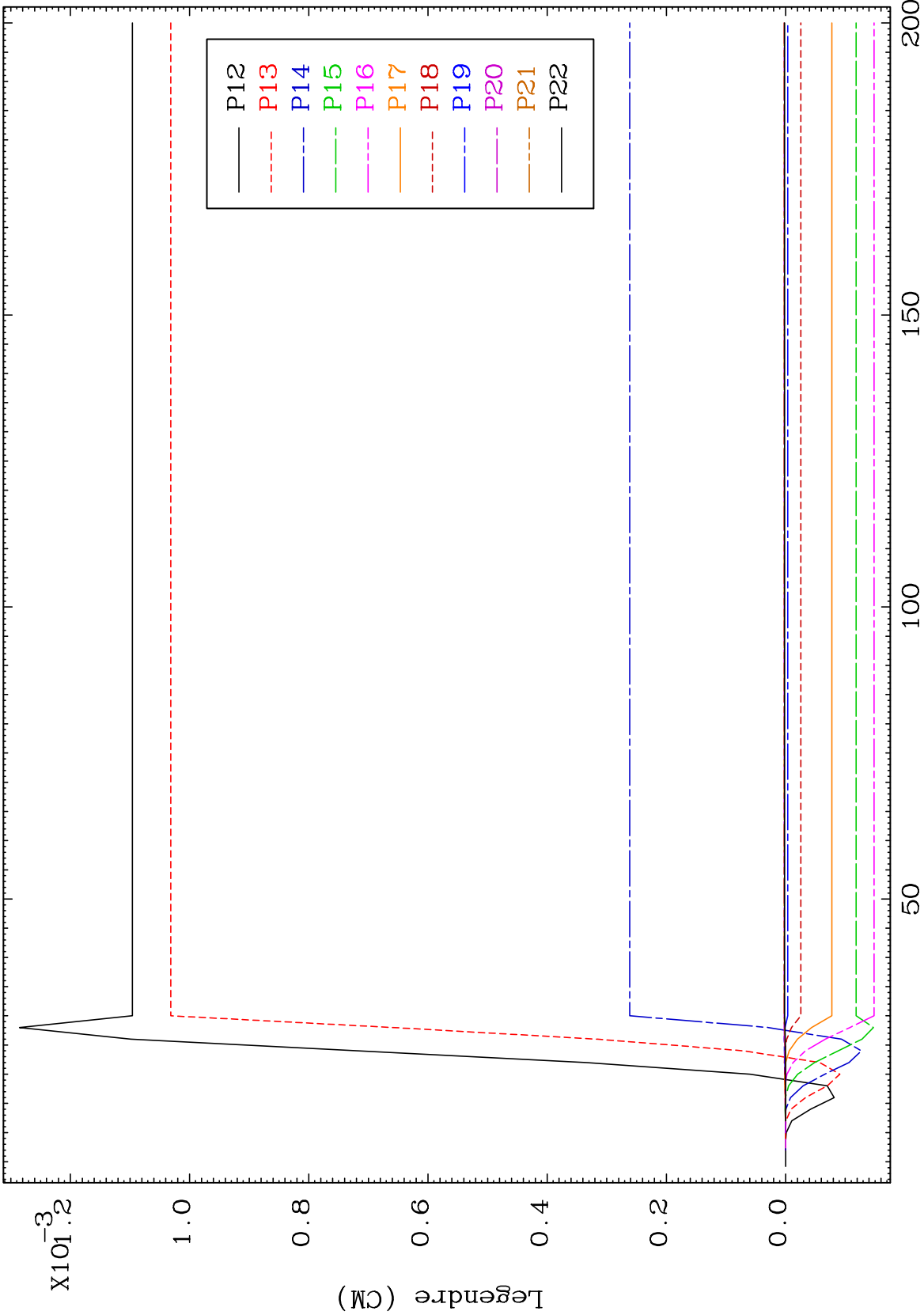
Incident Energy (MeV)

25

MAT 2843

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

28-Ni-64



26

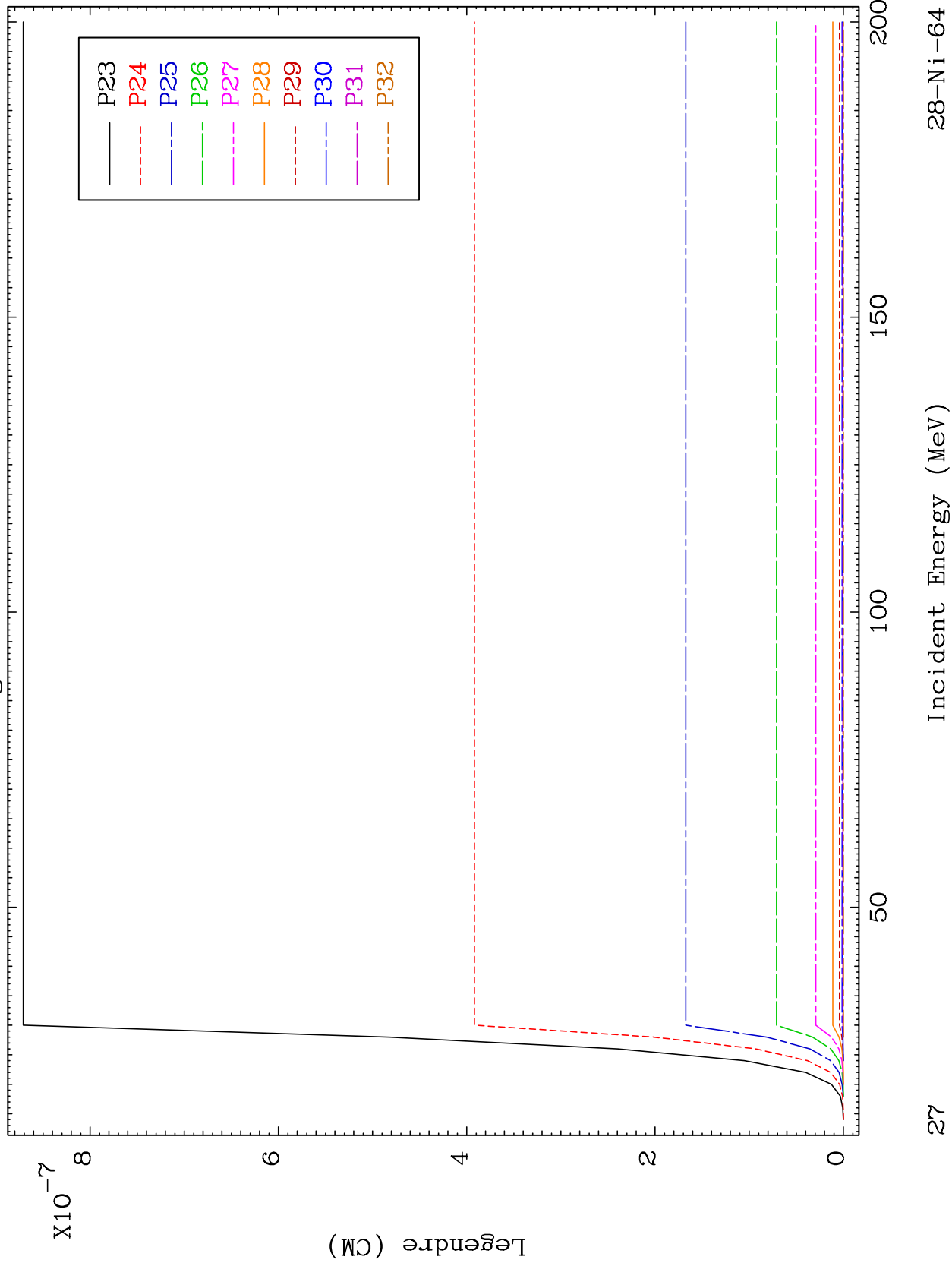
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64

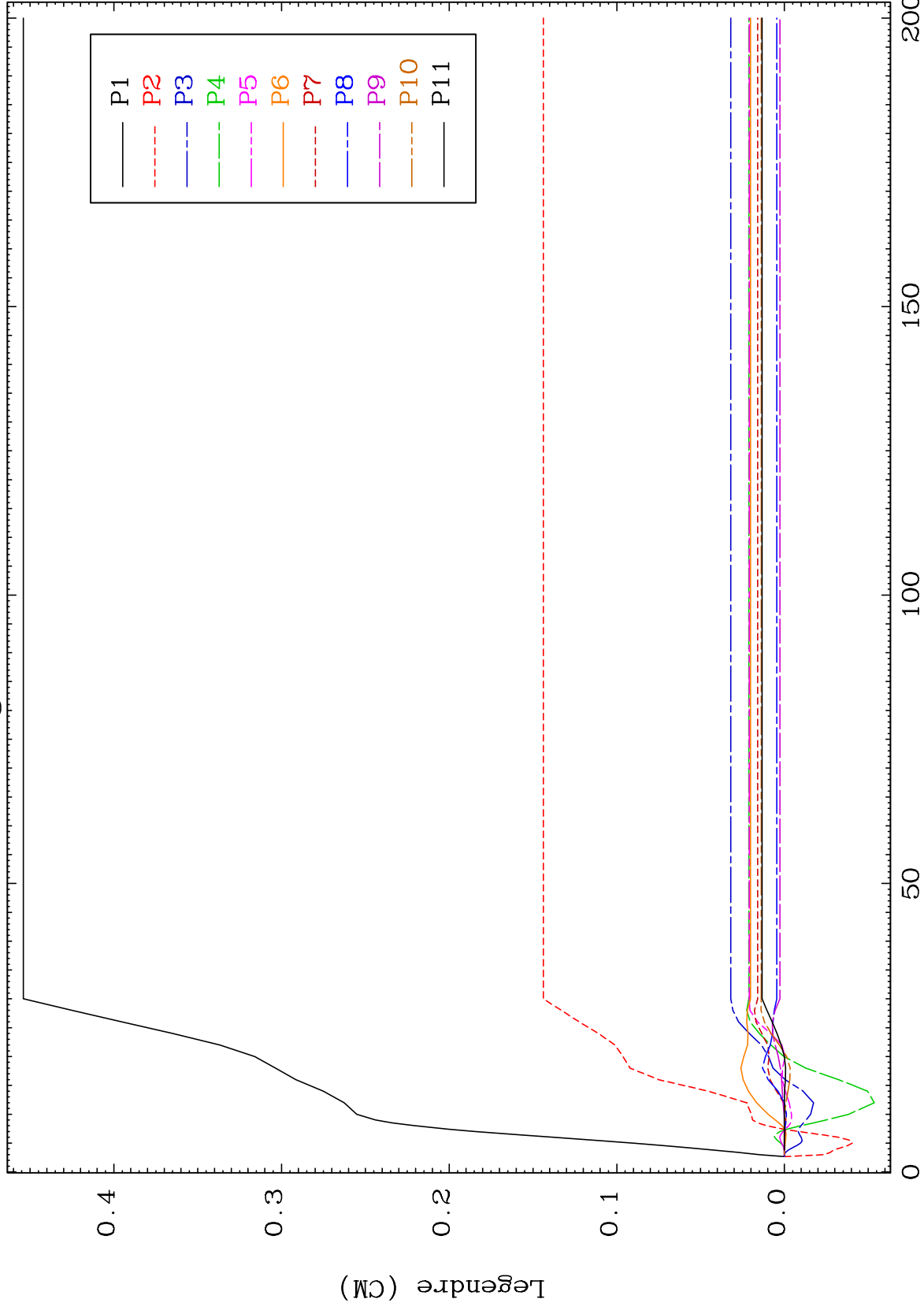


27

MAT 2843

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

28-Ni-64



28

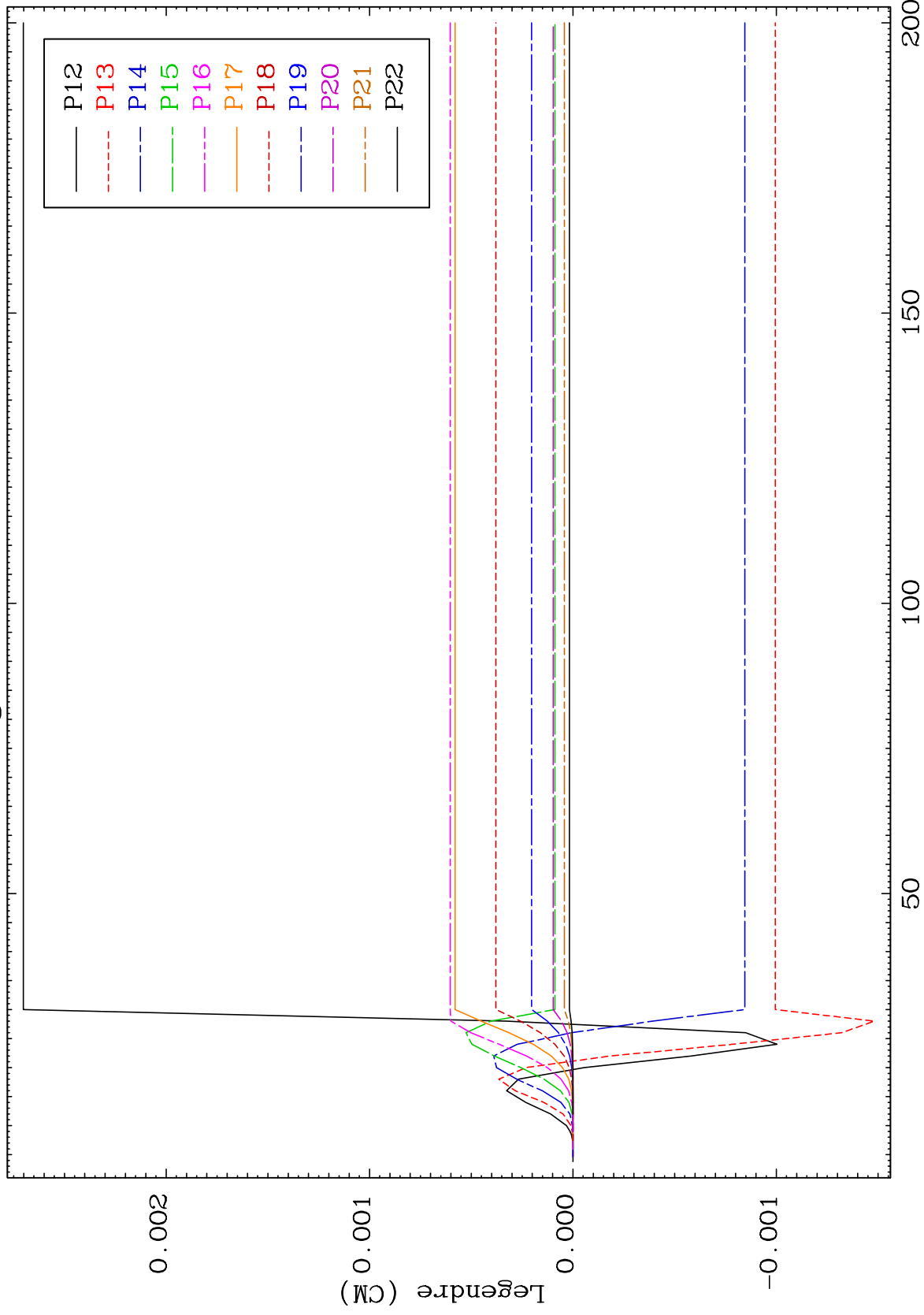
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



29

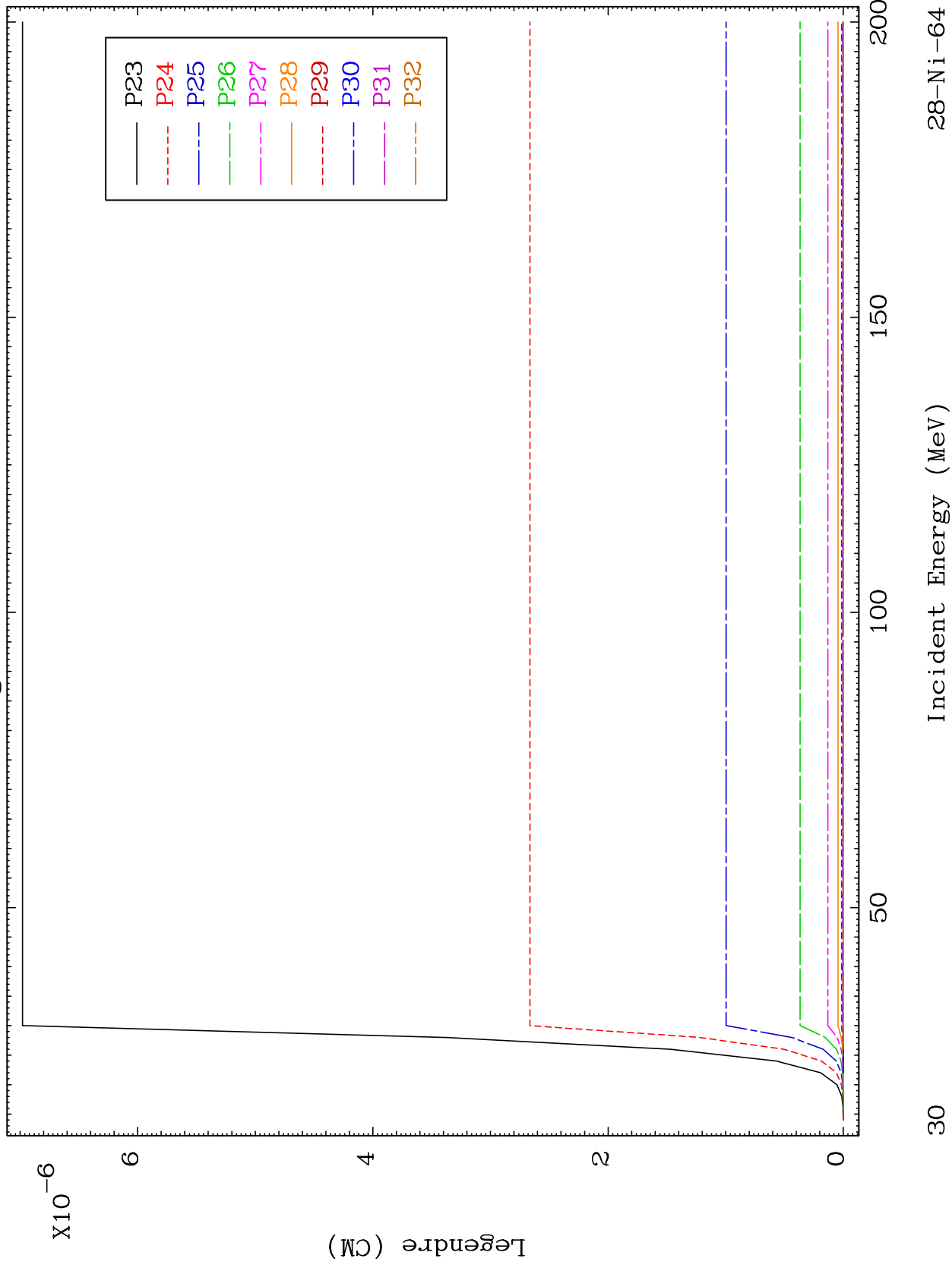
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

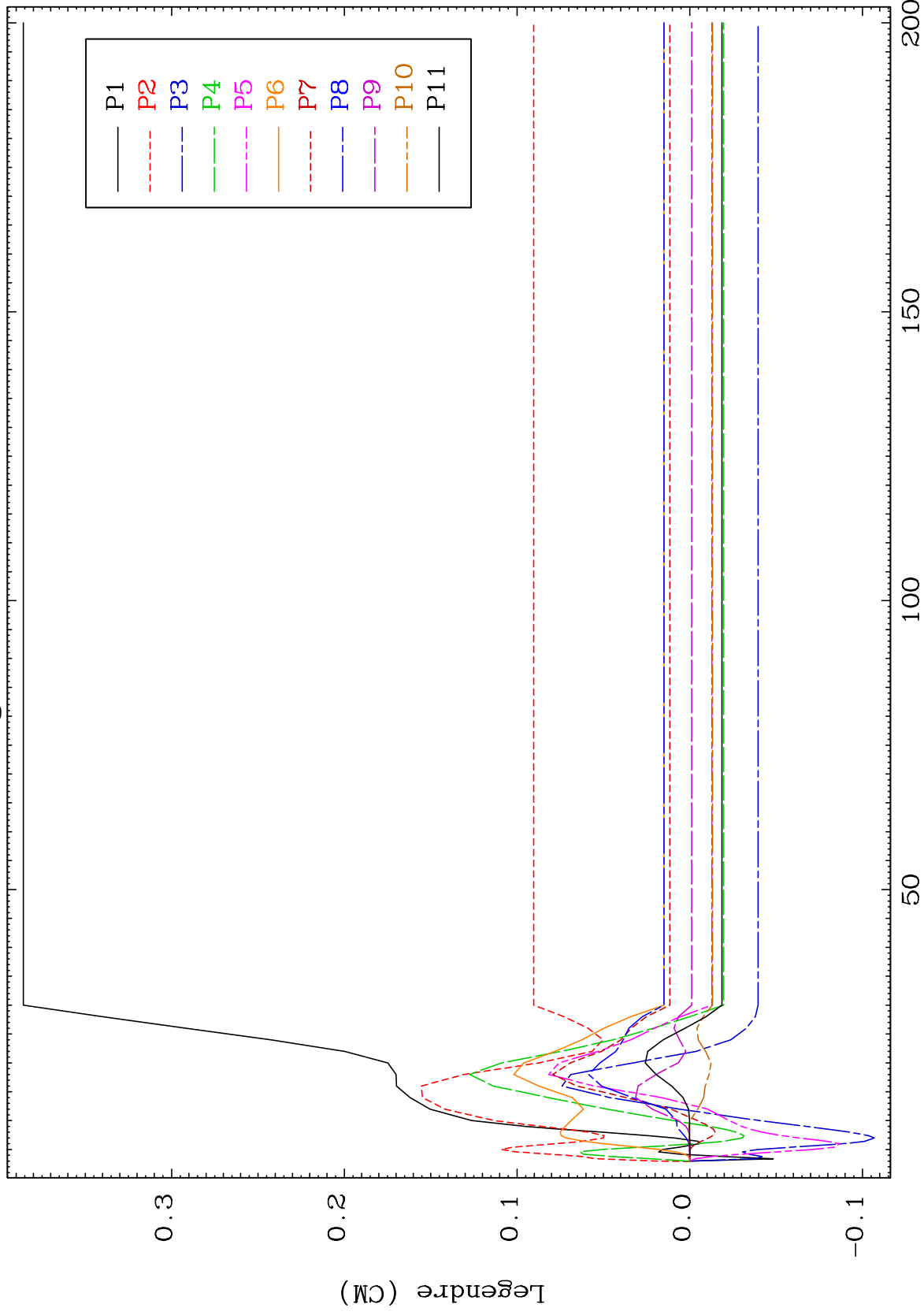
28-Ni-64



MAT 2843

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

28-Ni-64



31

Incident Energy (MeV)

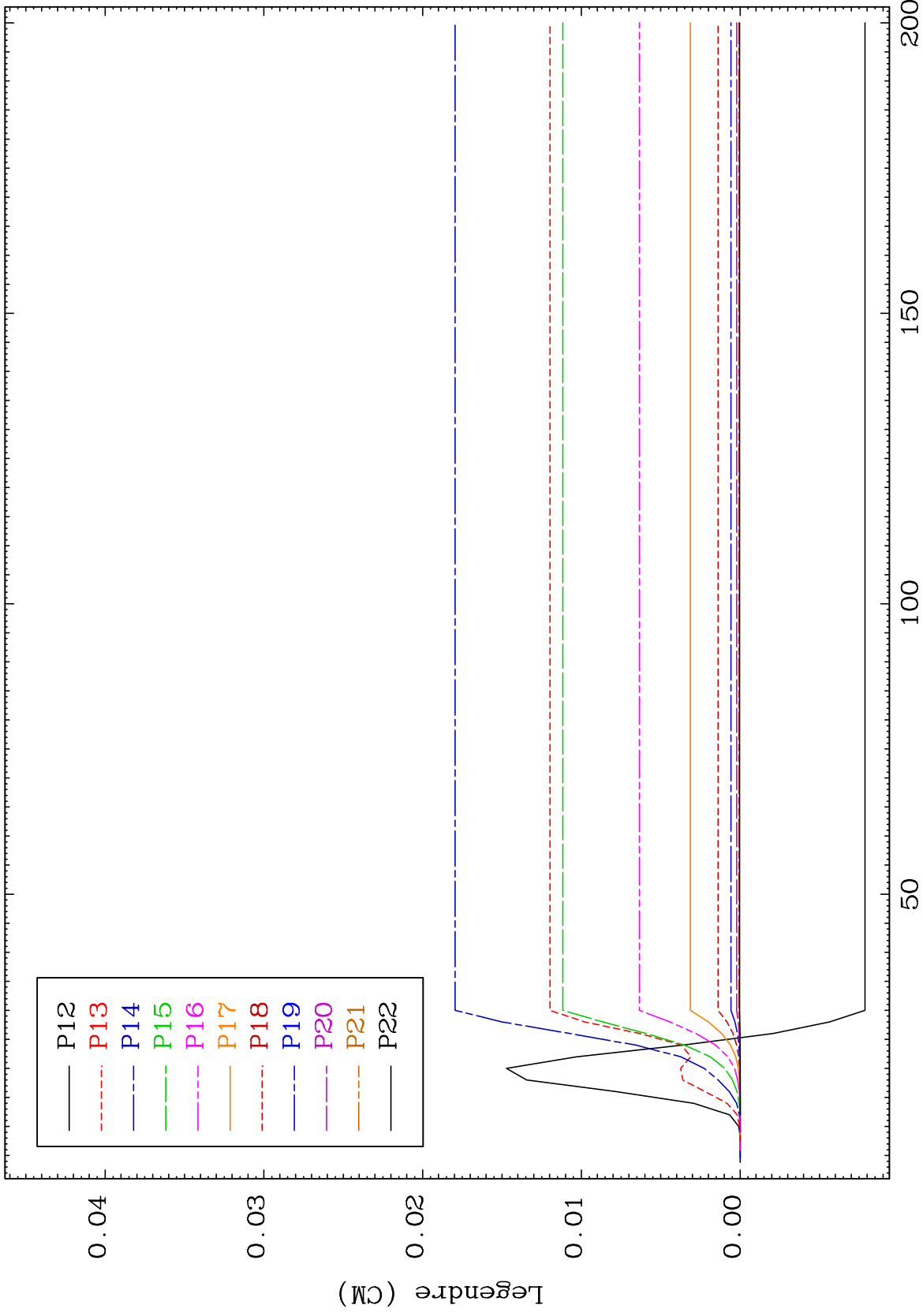
28-Ni-64



MAT 2843

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

28-Ni-64



32

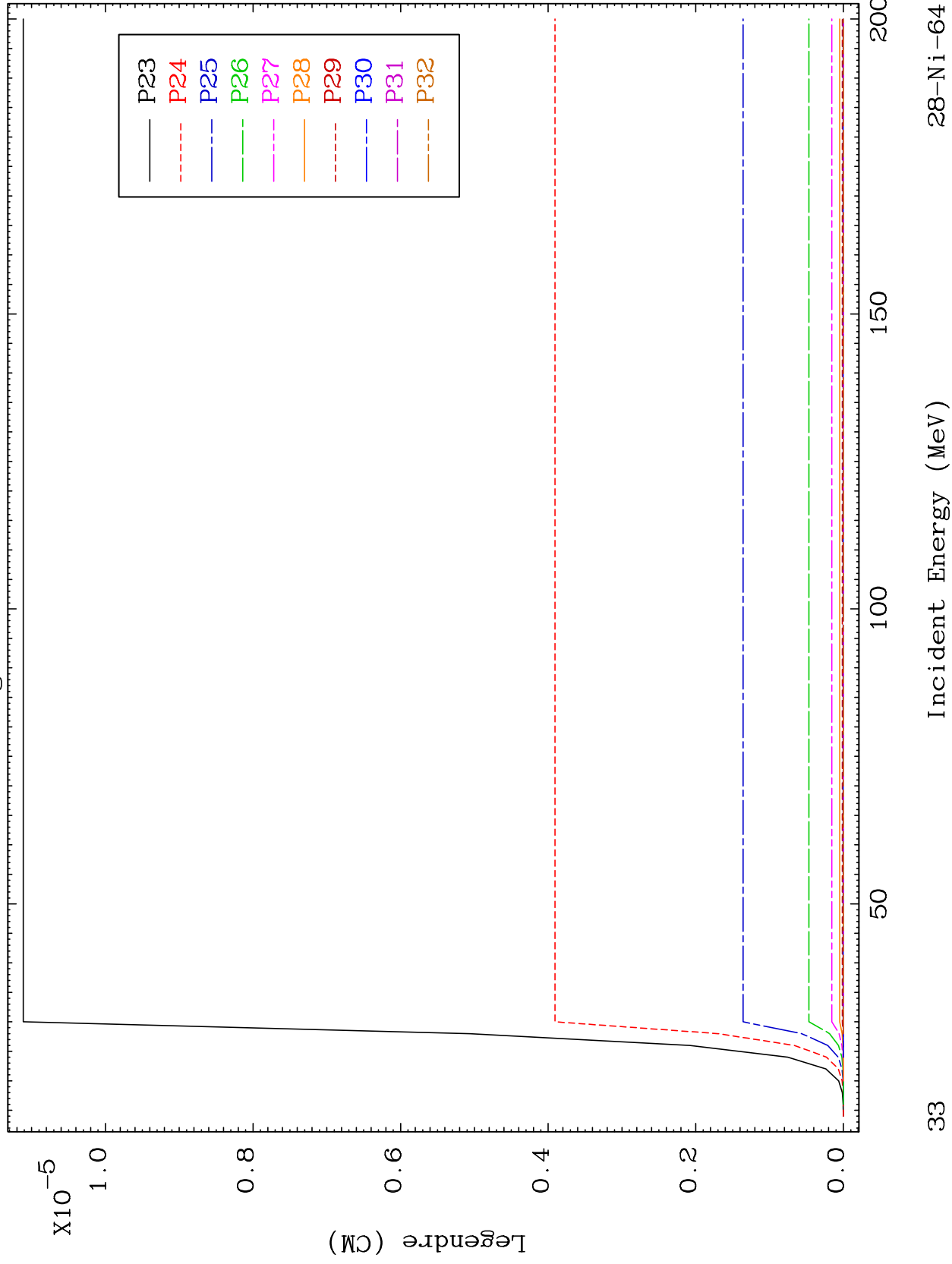
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64

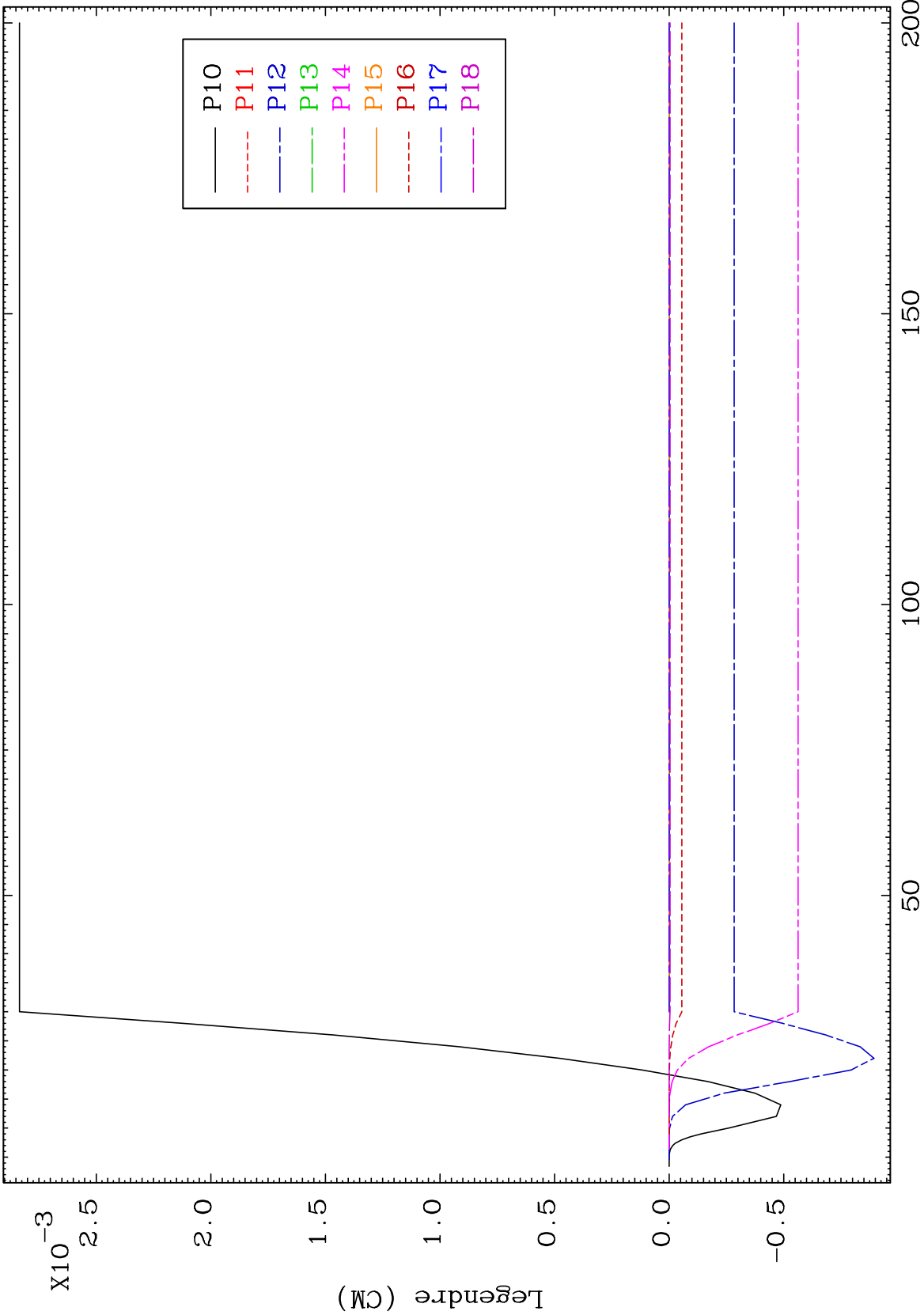




MAT 2843

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Legendre Coefficients

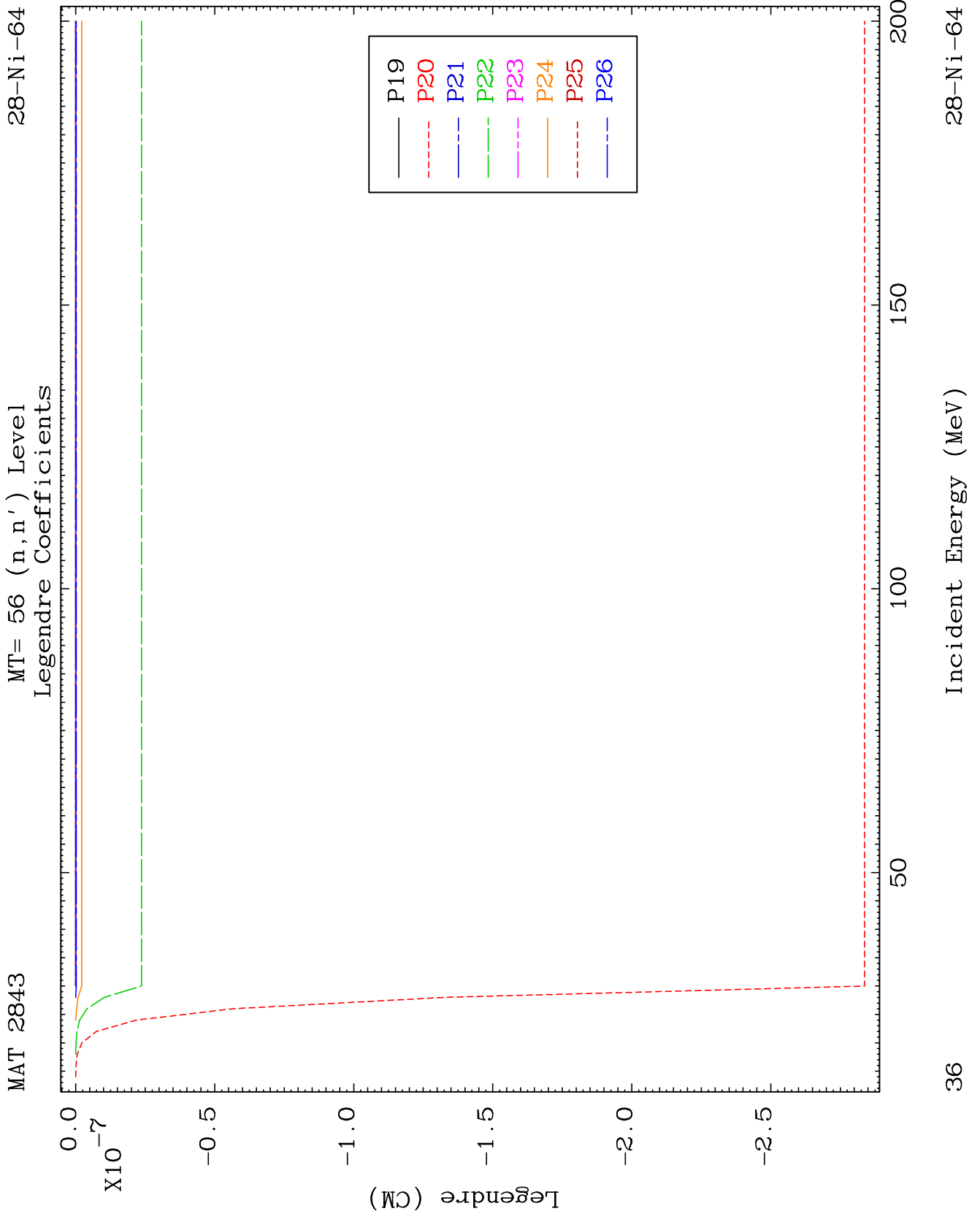
28-Ni-64



35

Incident Energy (MeV)

28-Ni-64

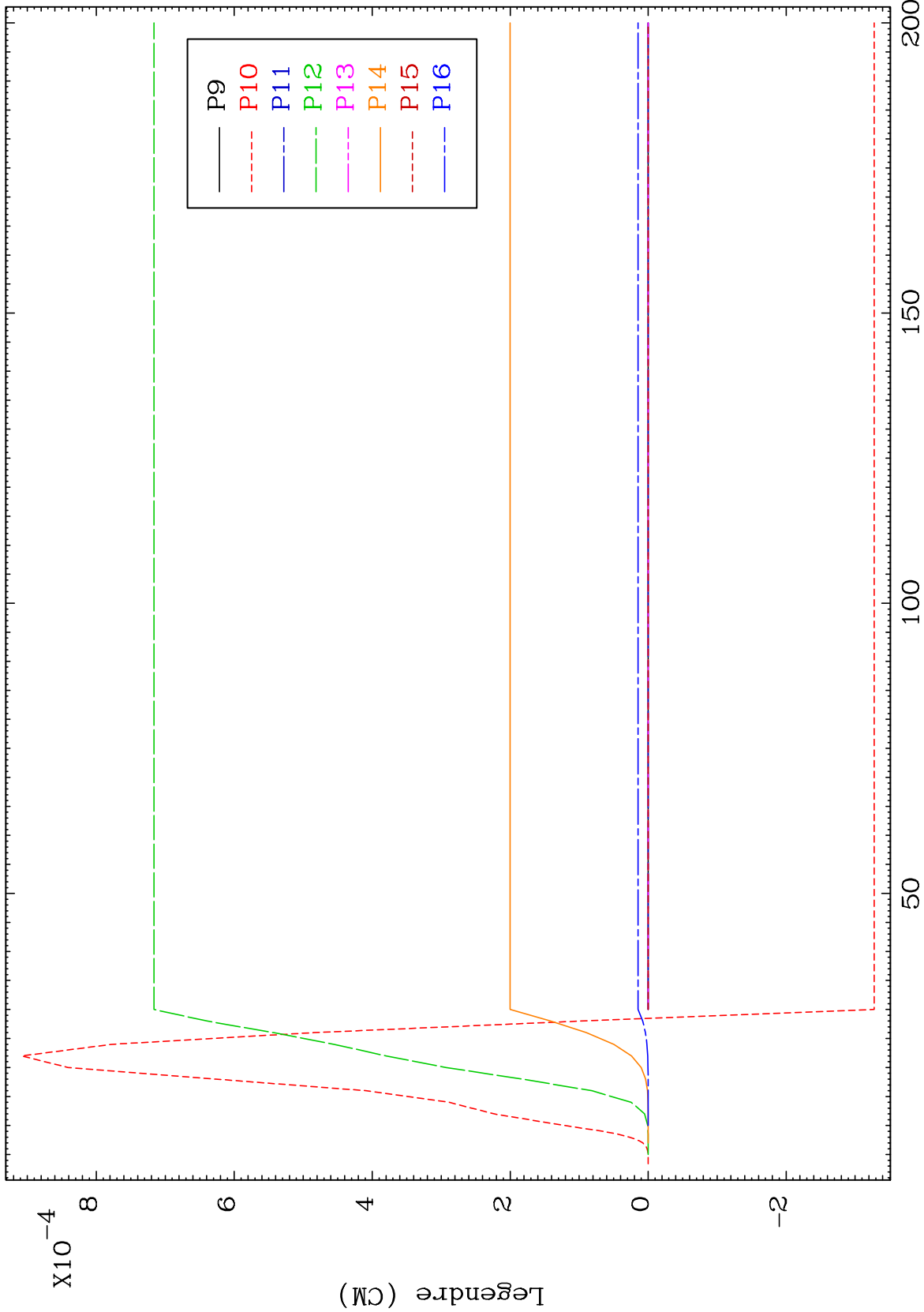




MAT 2843

MT= 57 (n,n') Level  
Legendre Coefficients

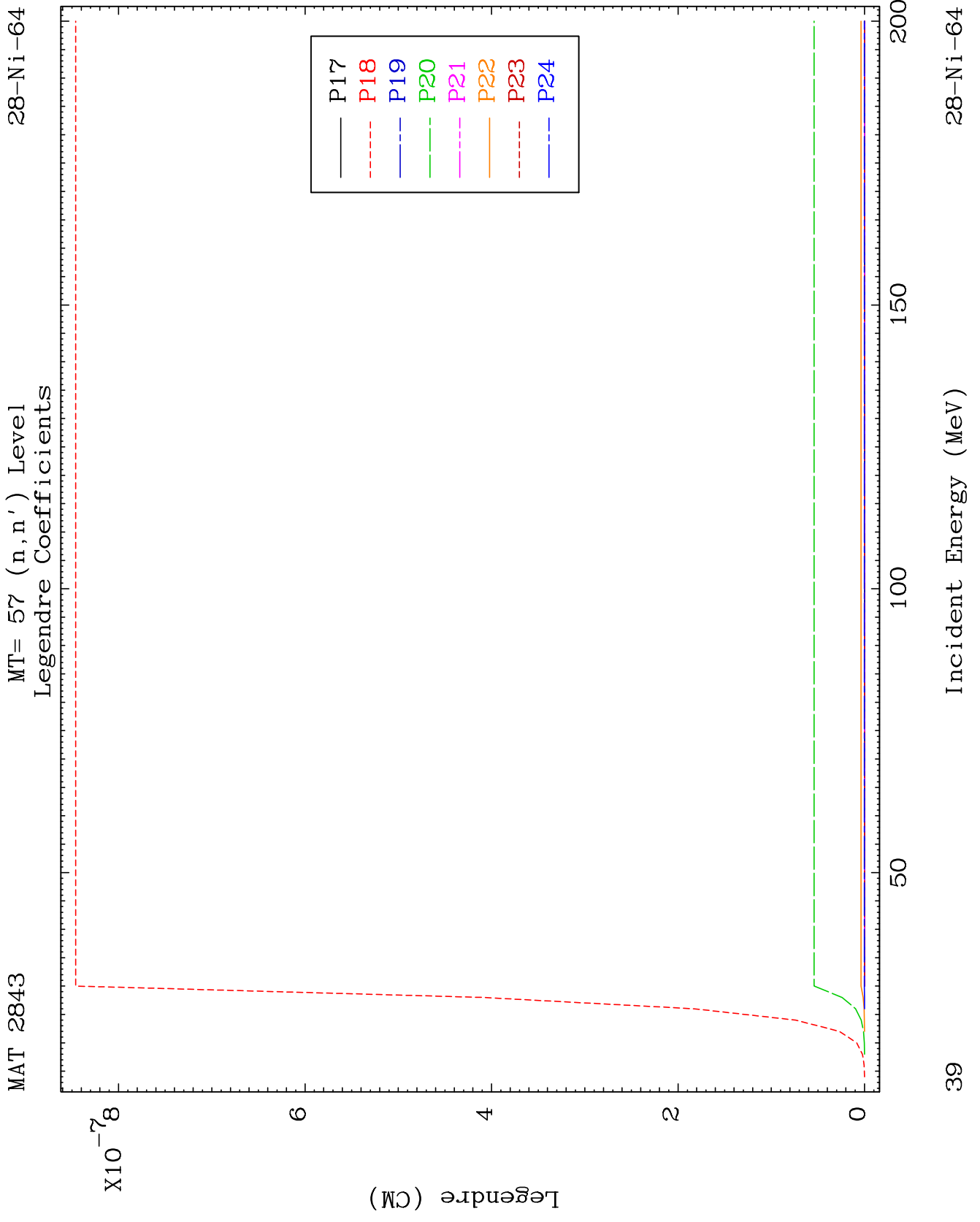
28-Ni-64



38

Incident Energy (MeV)

28-Ni-64

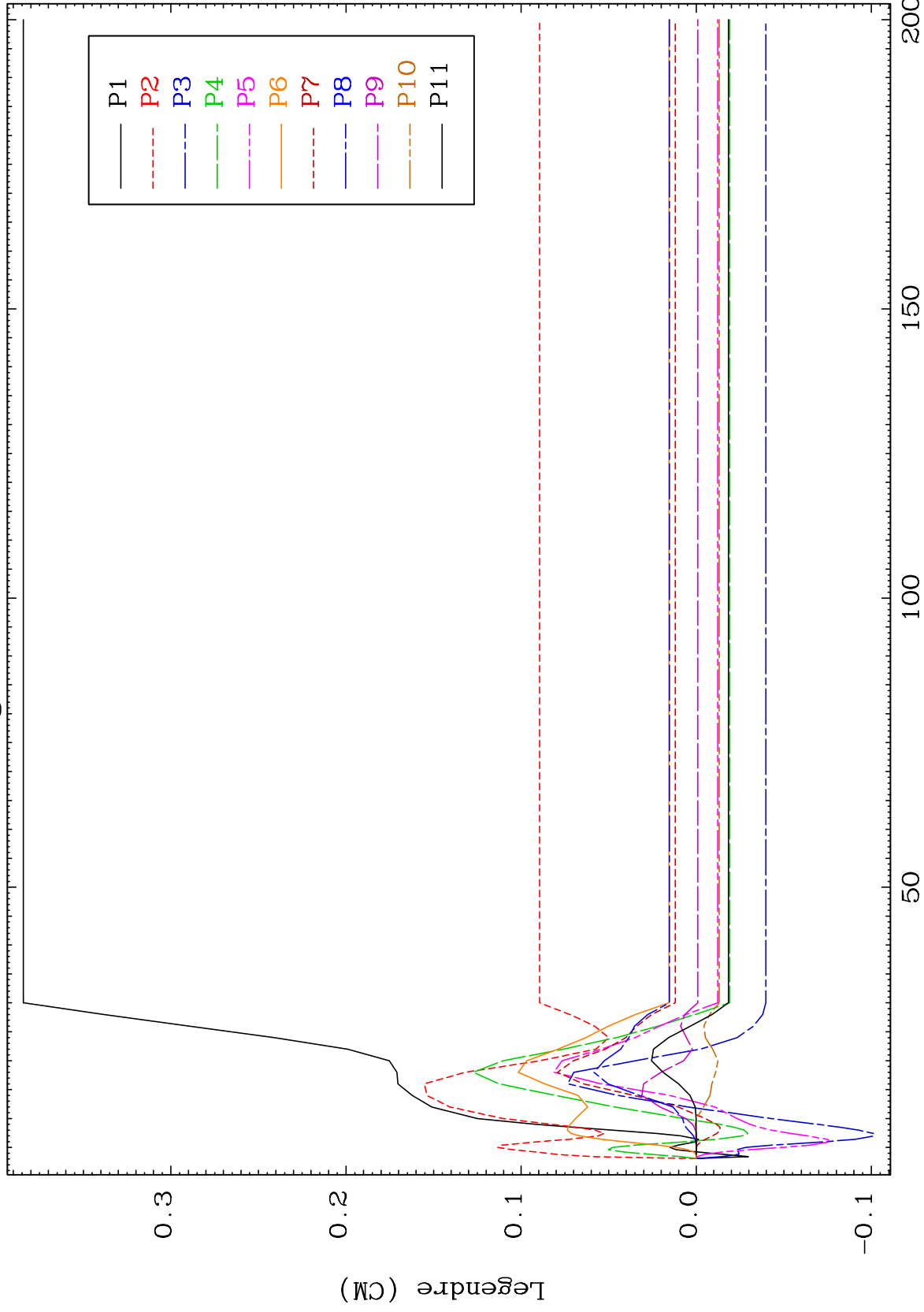




MAT 2843

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

28-Ni-64



40

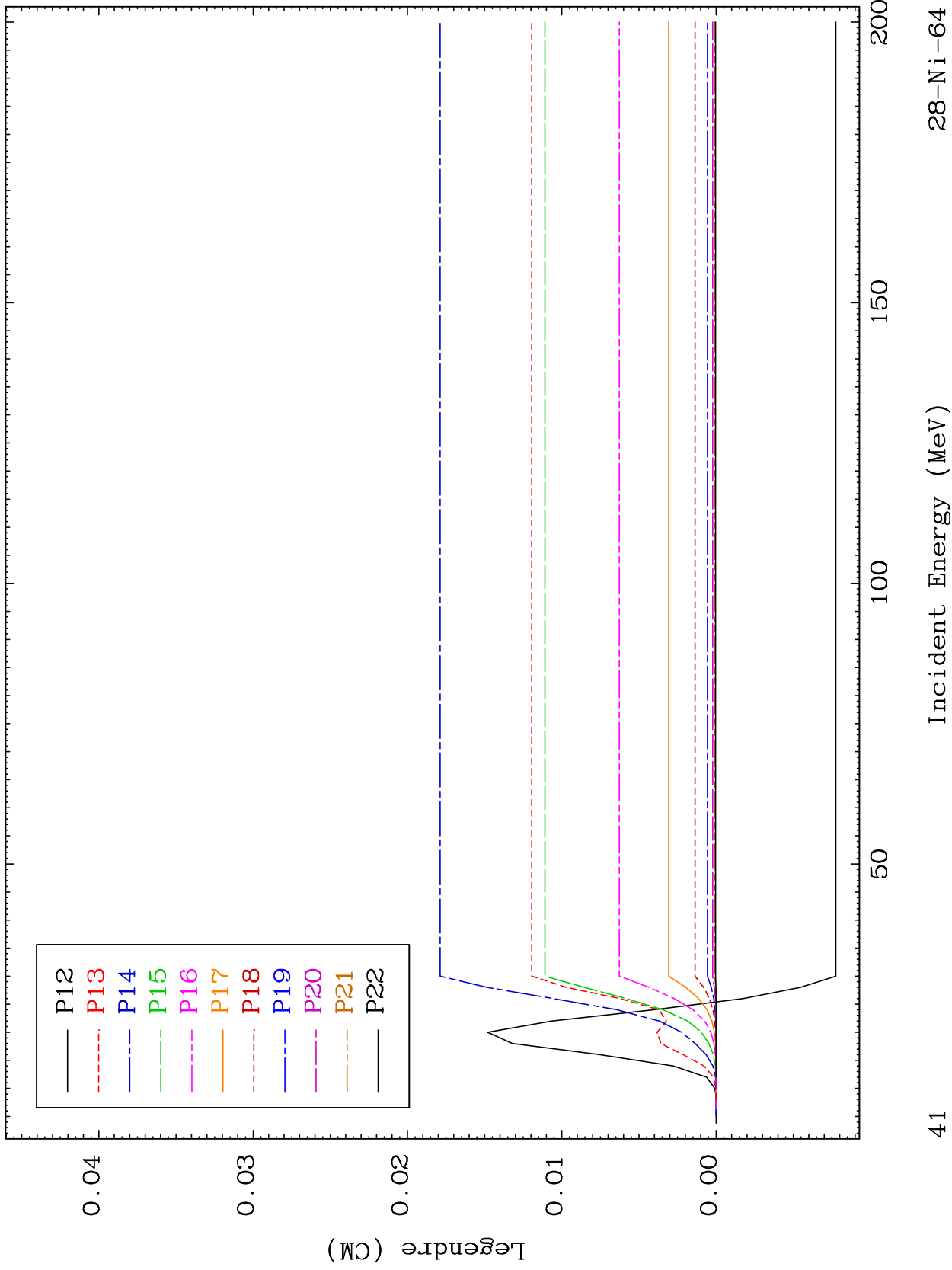
Incident Energy (MeV)

28-Ni-64

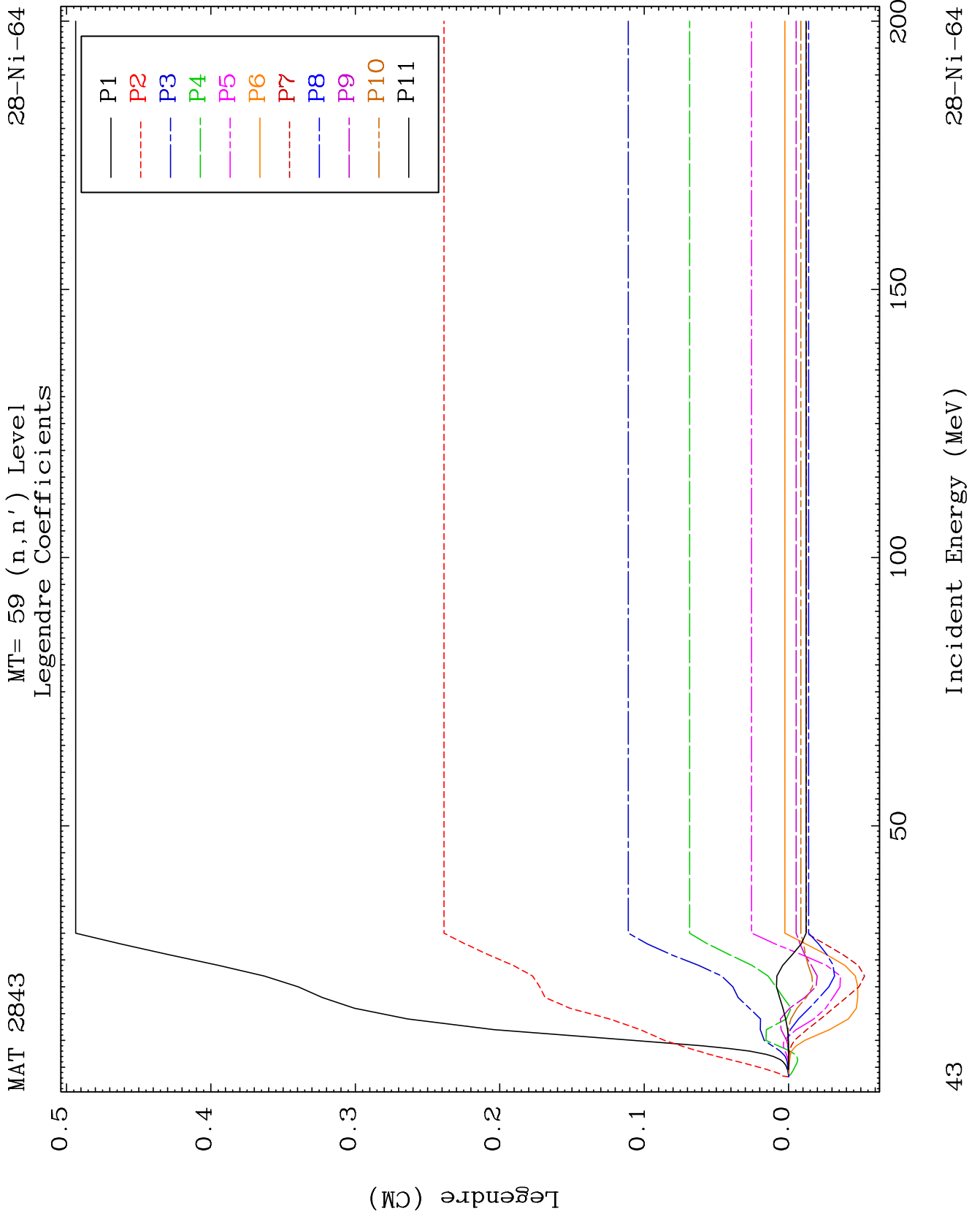
MAT 2843

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

28-Ni-64



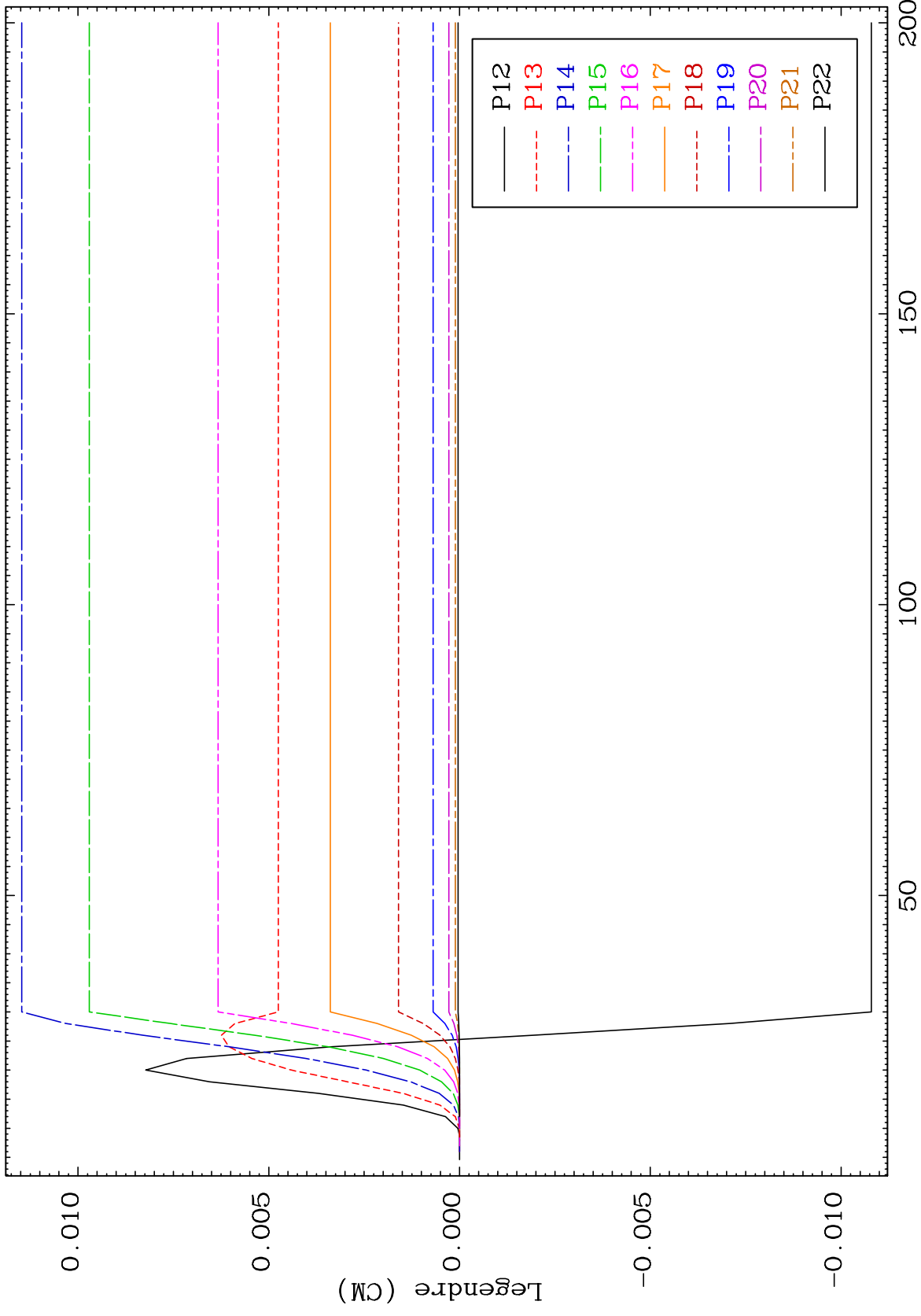




MAT 2843

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

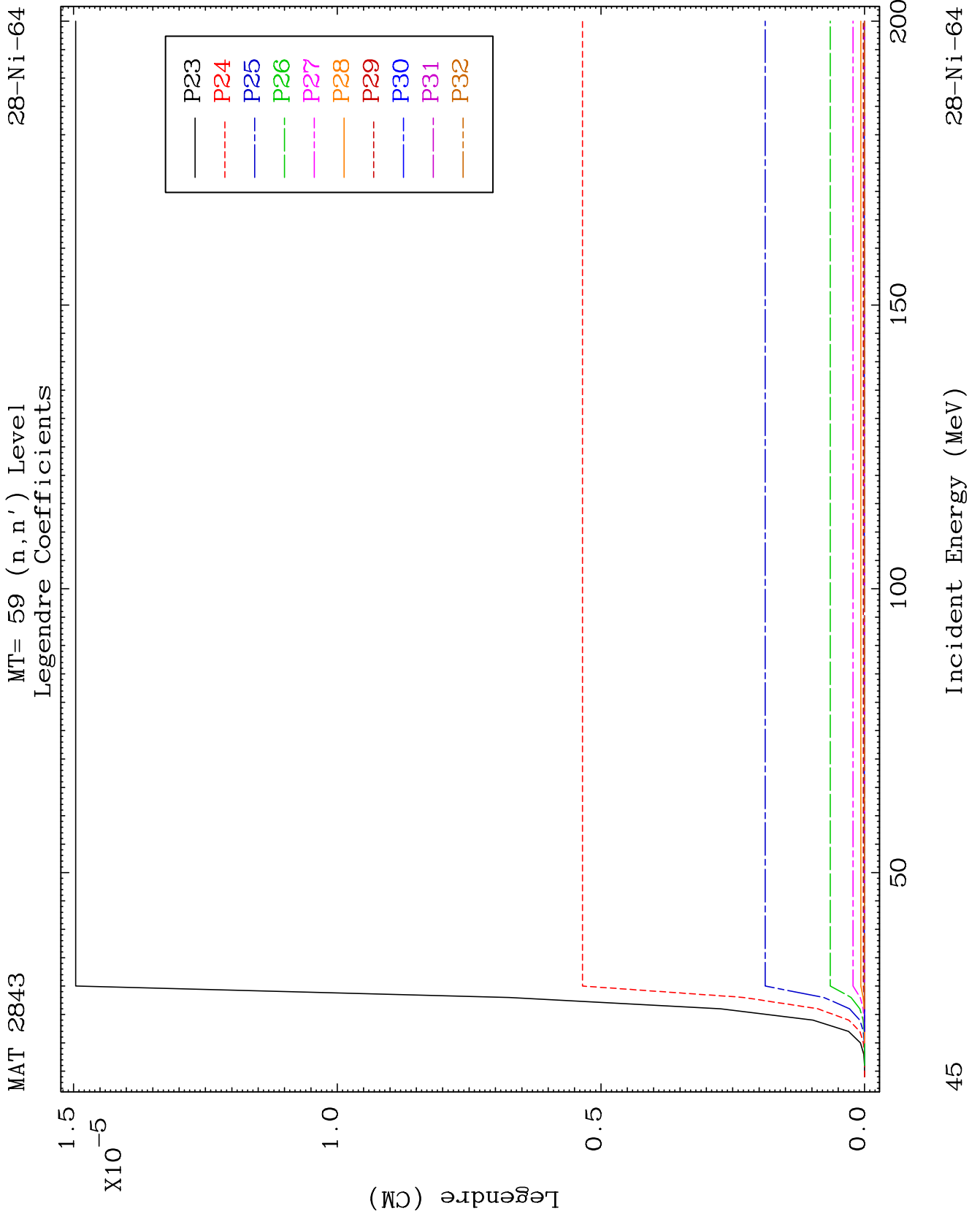
28-Ni-64



44

Incident Energy (MeV)

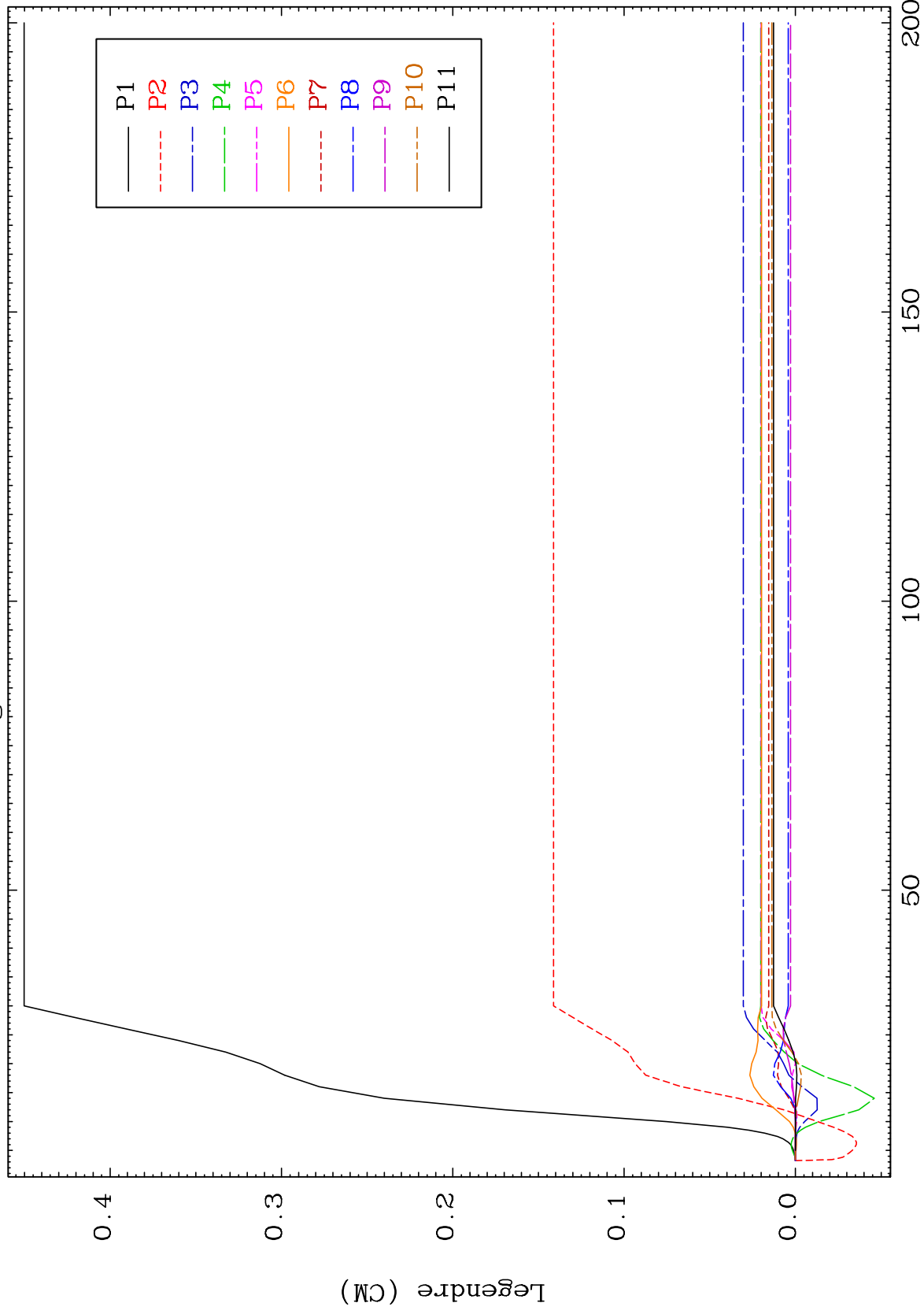
28-Ni-64



MAT 2843

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

28-Ni-64



46

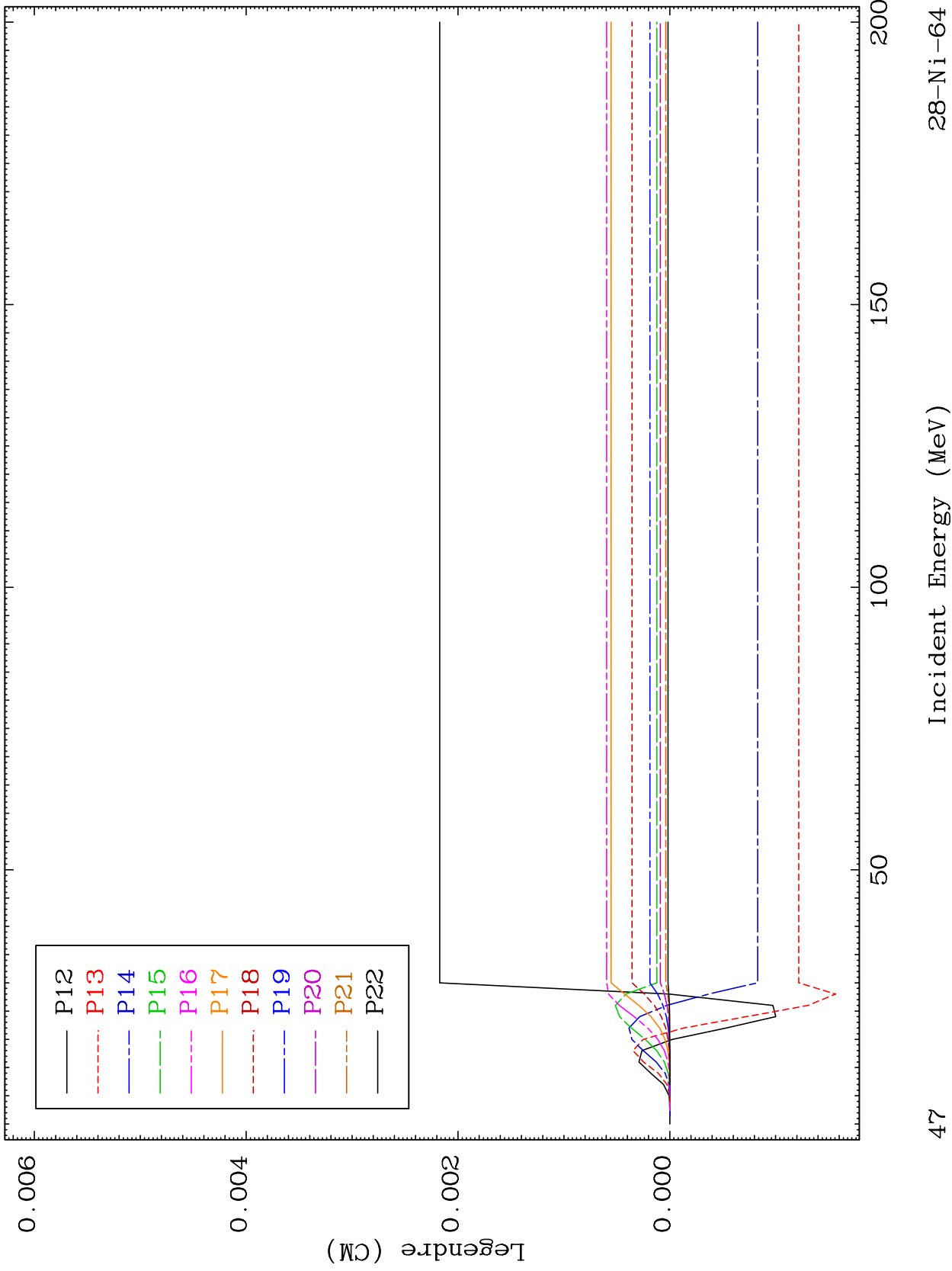
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64

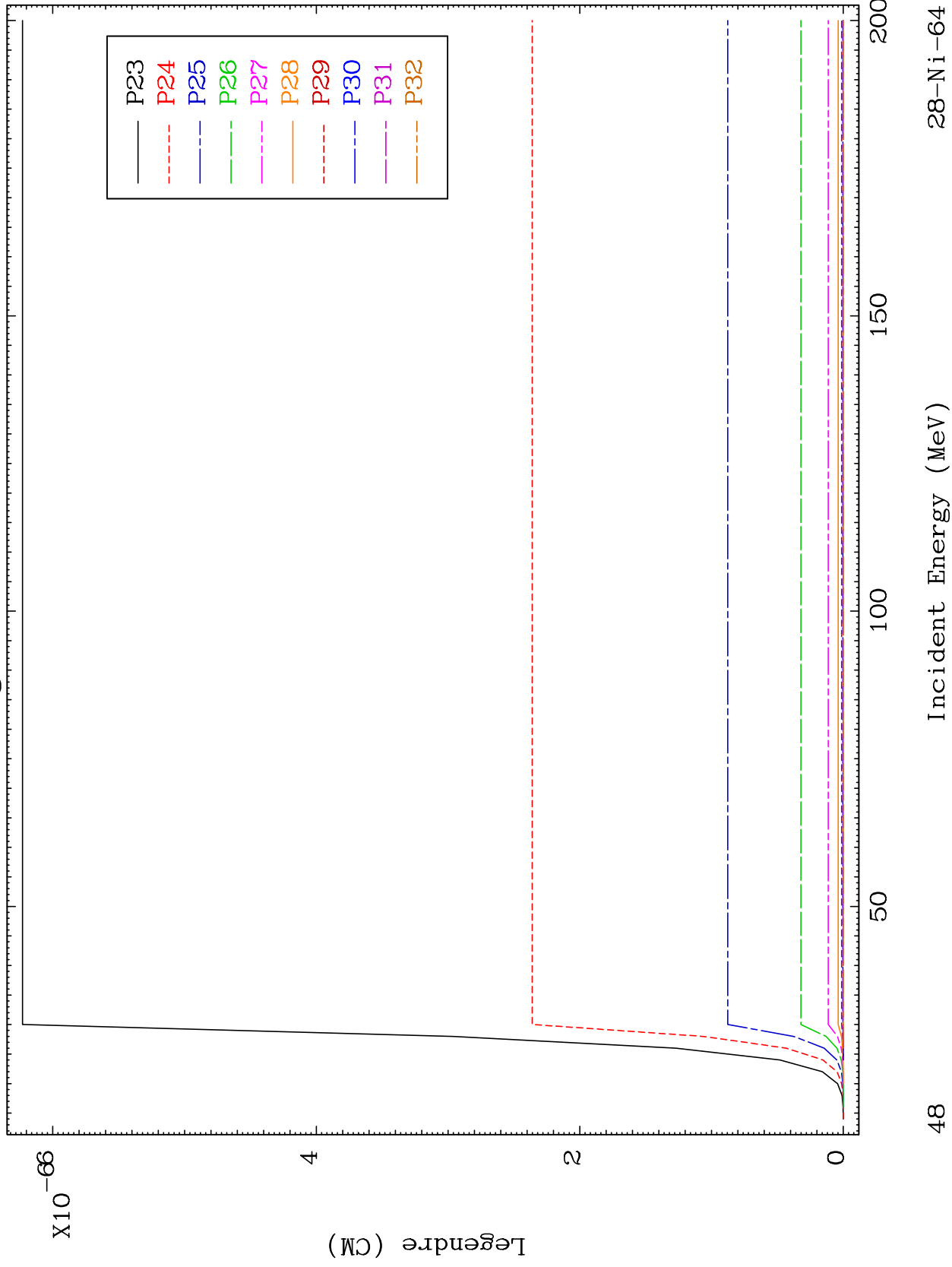


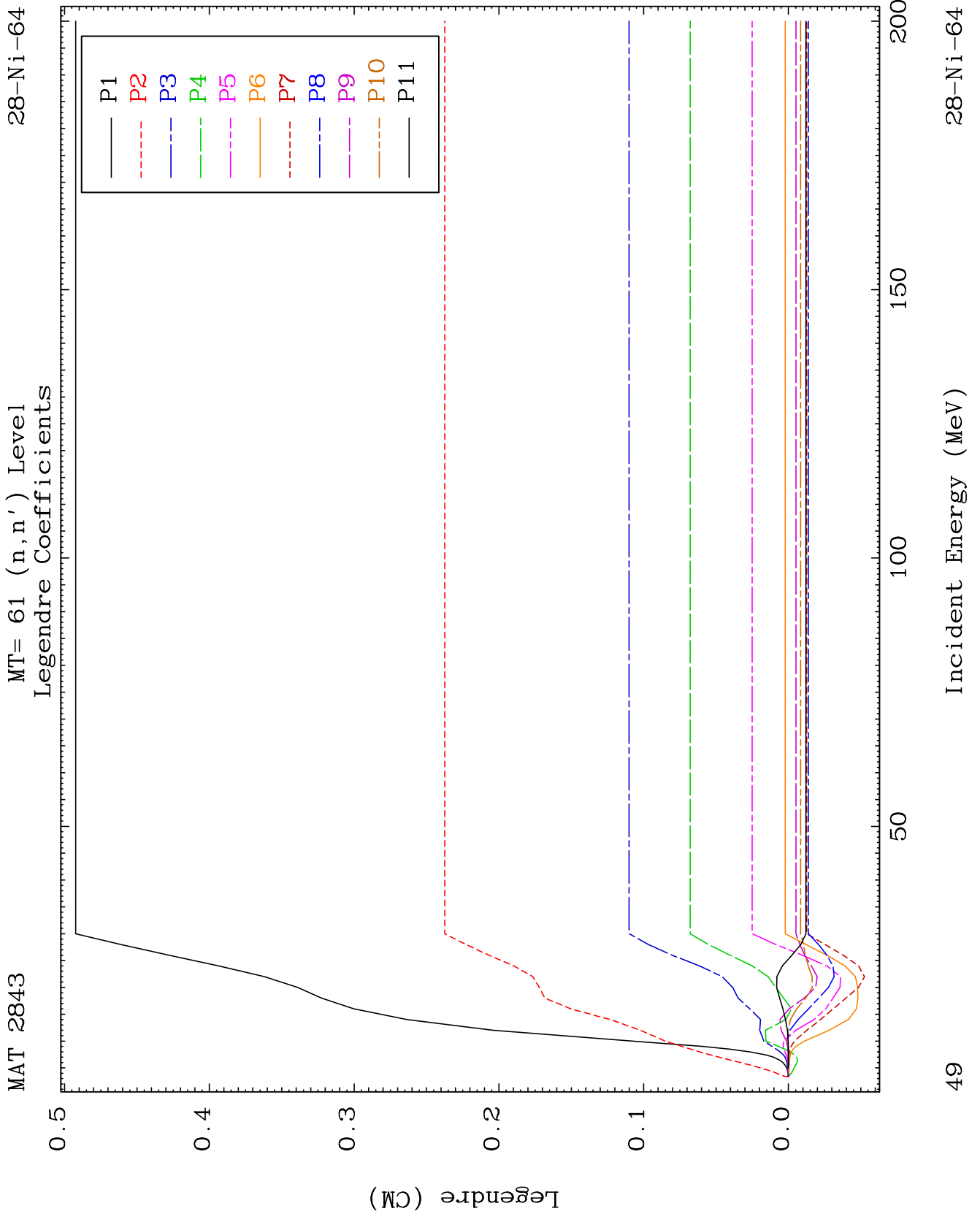


MAT 2843

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

28-Ni-64

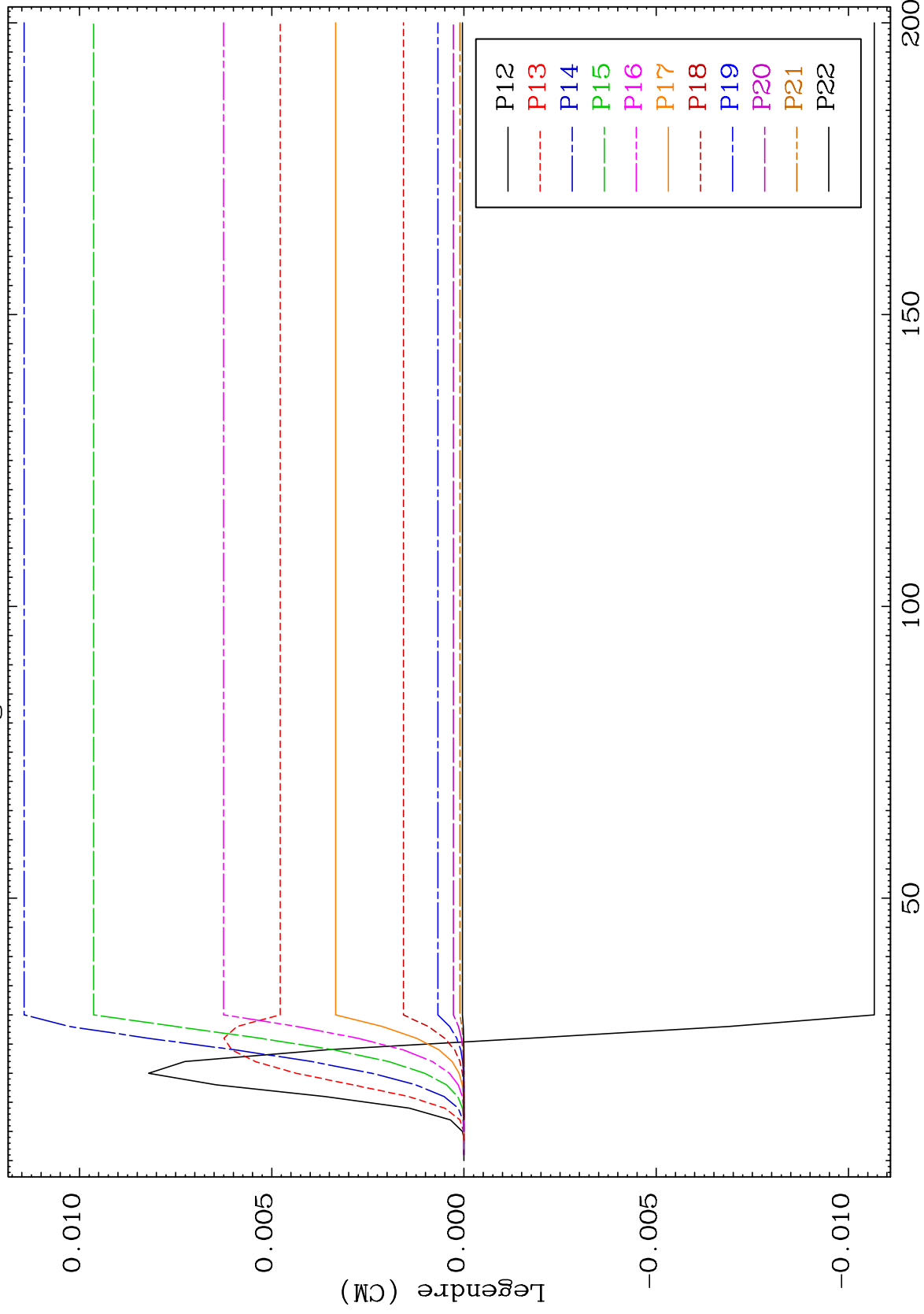




MAT 2843

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

28-Ni-64



50

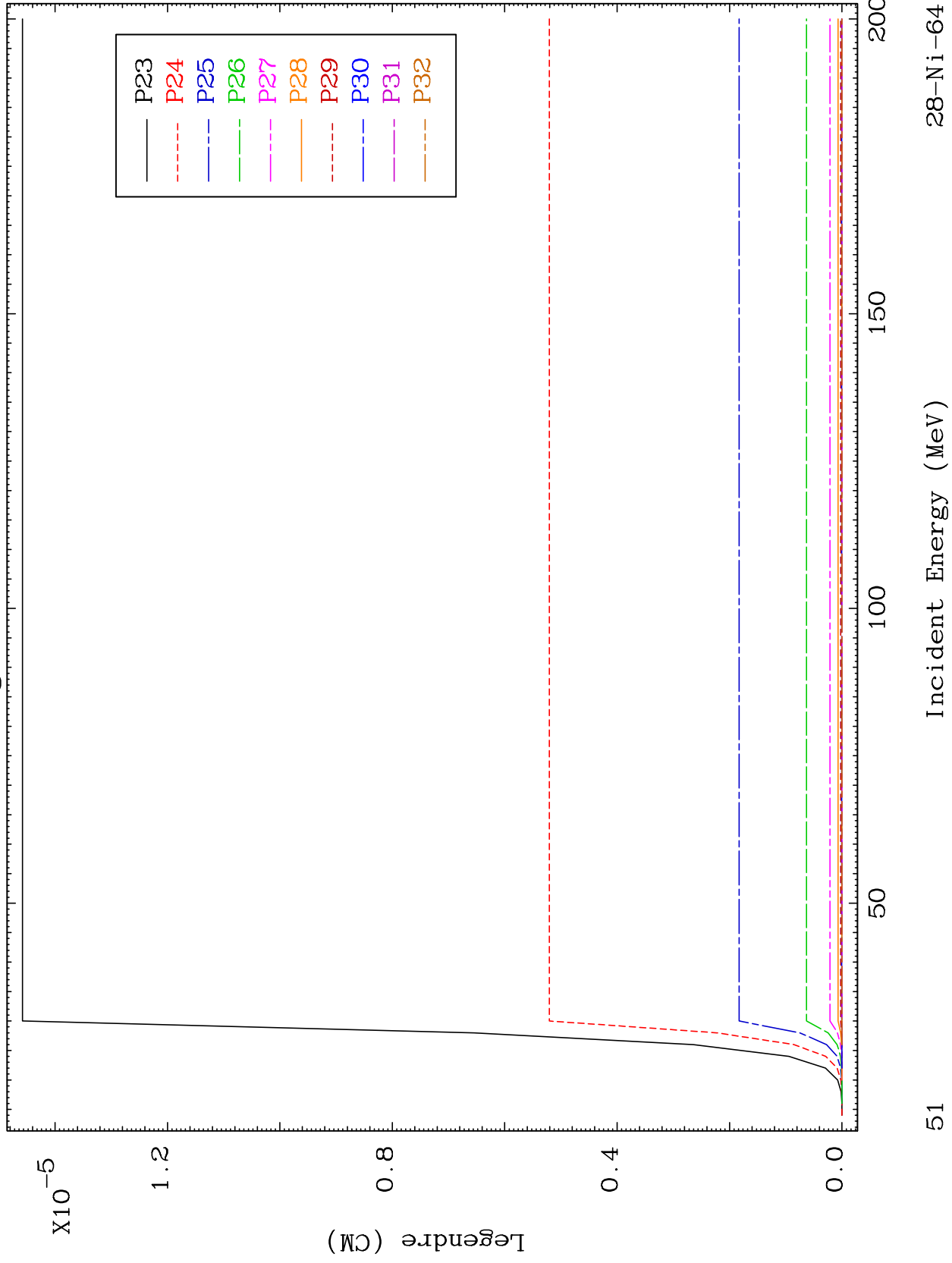
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



51

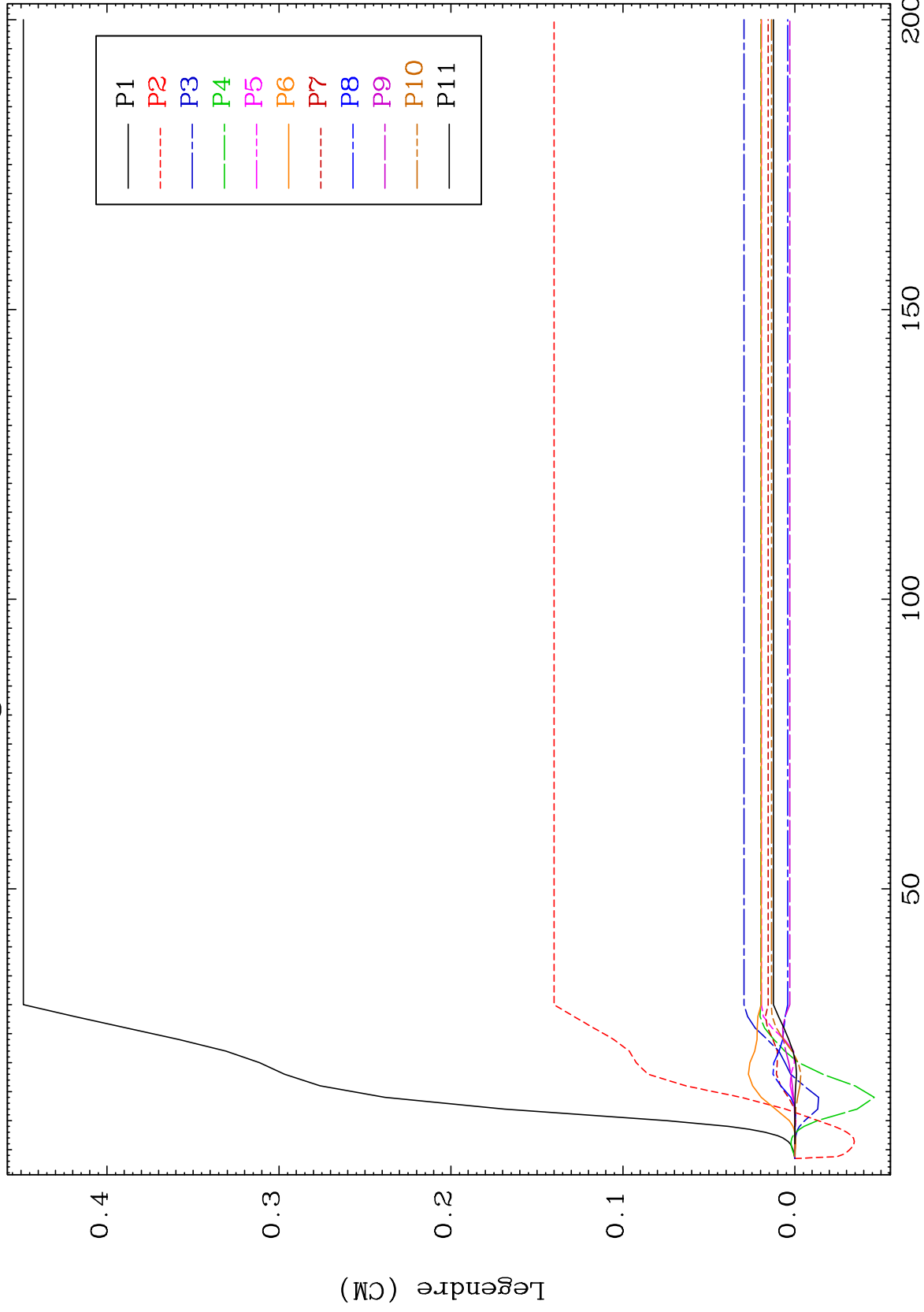
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



52

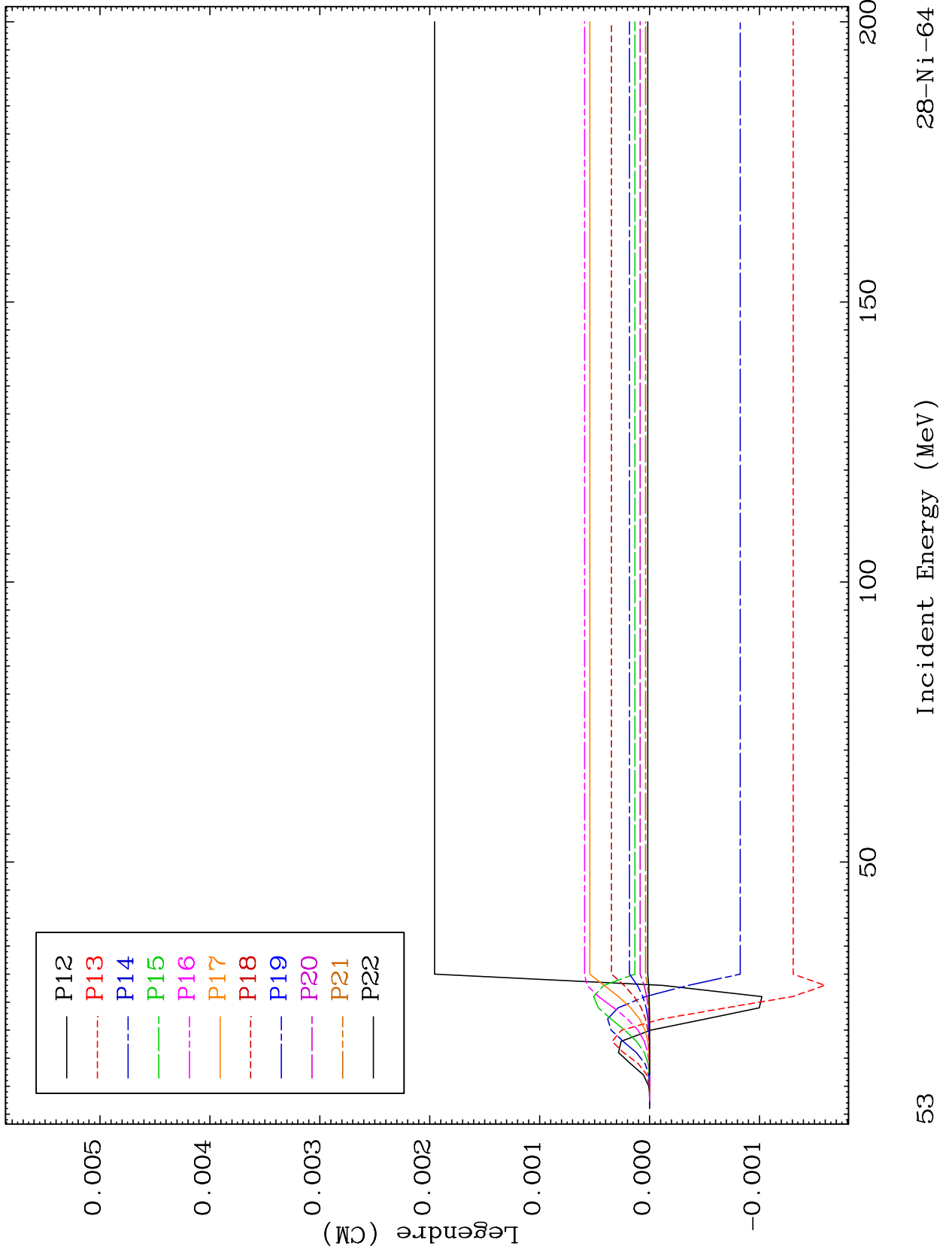
Incident Energy (MeV)

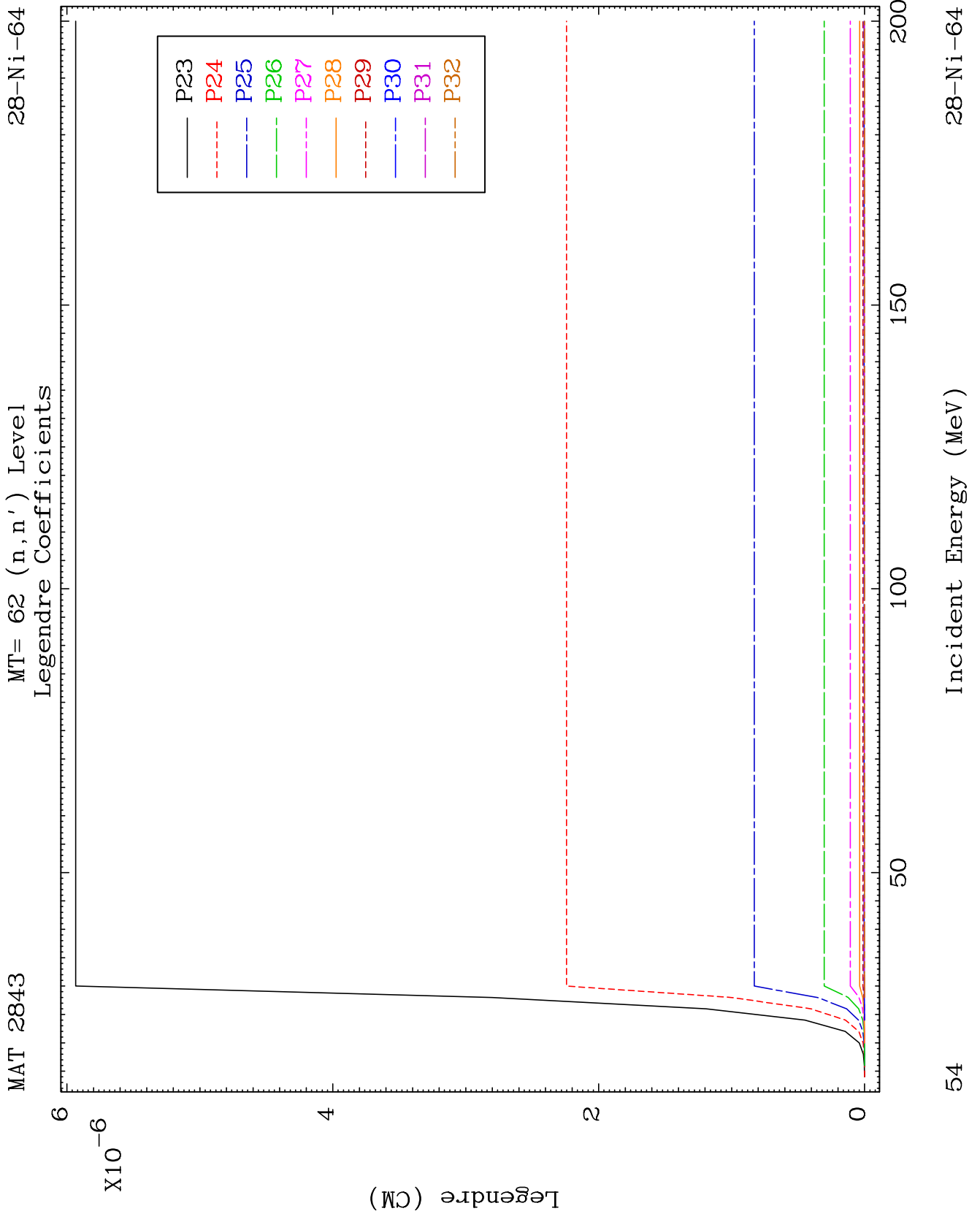
28-Ni-64

MAT 2843

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

28-Ni-64

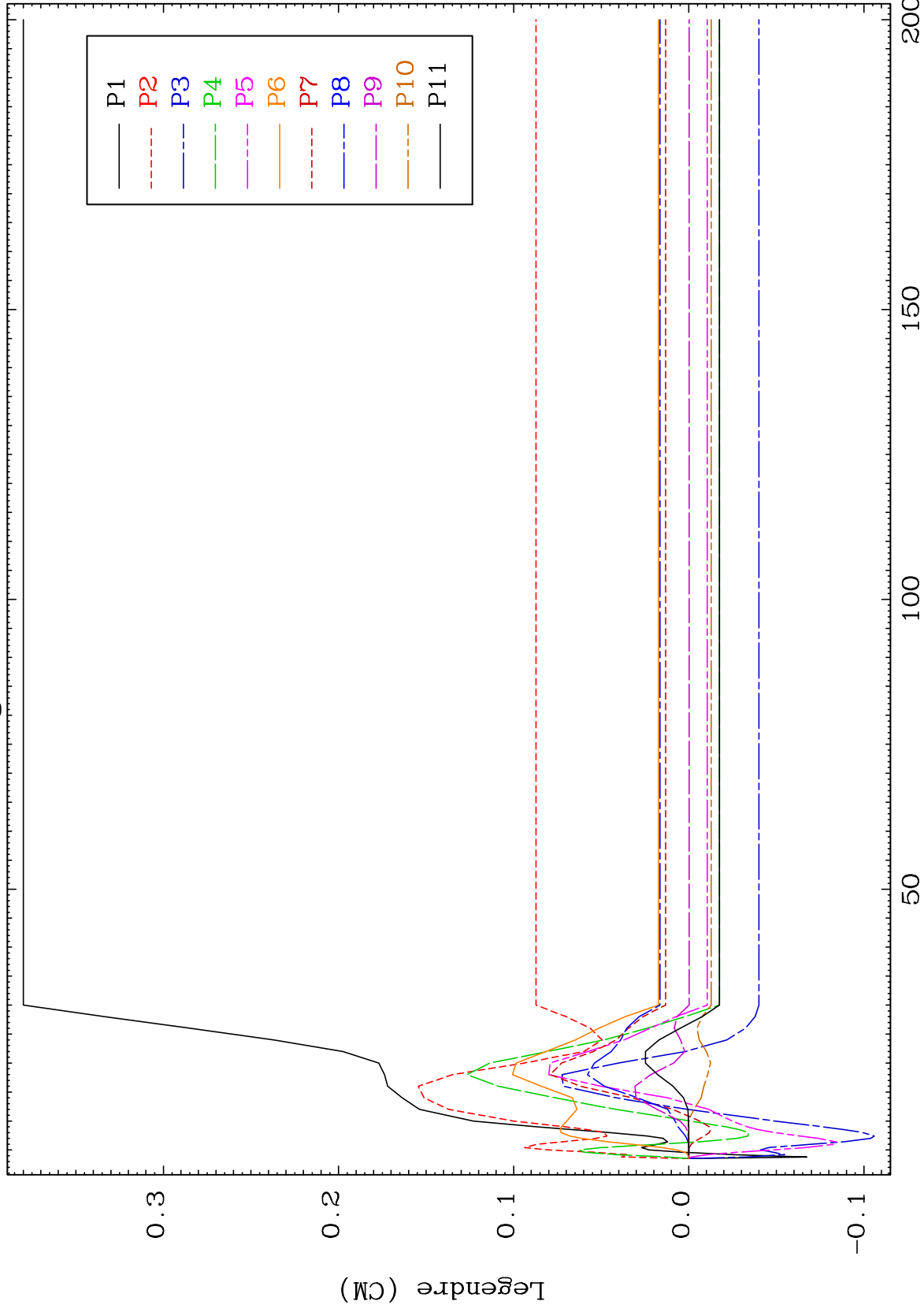




MAT 2843

MT= 63 (n,n') Level  
Legendre Coefficients

28-Ni-64



55

Incident Energy (MeV)

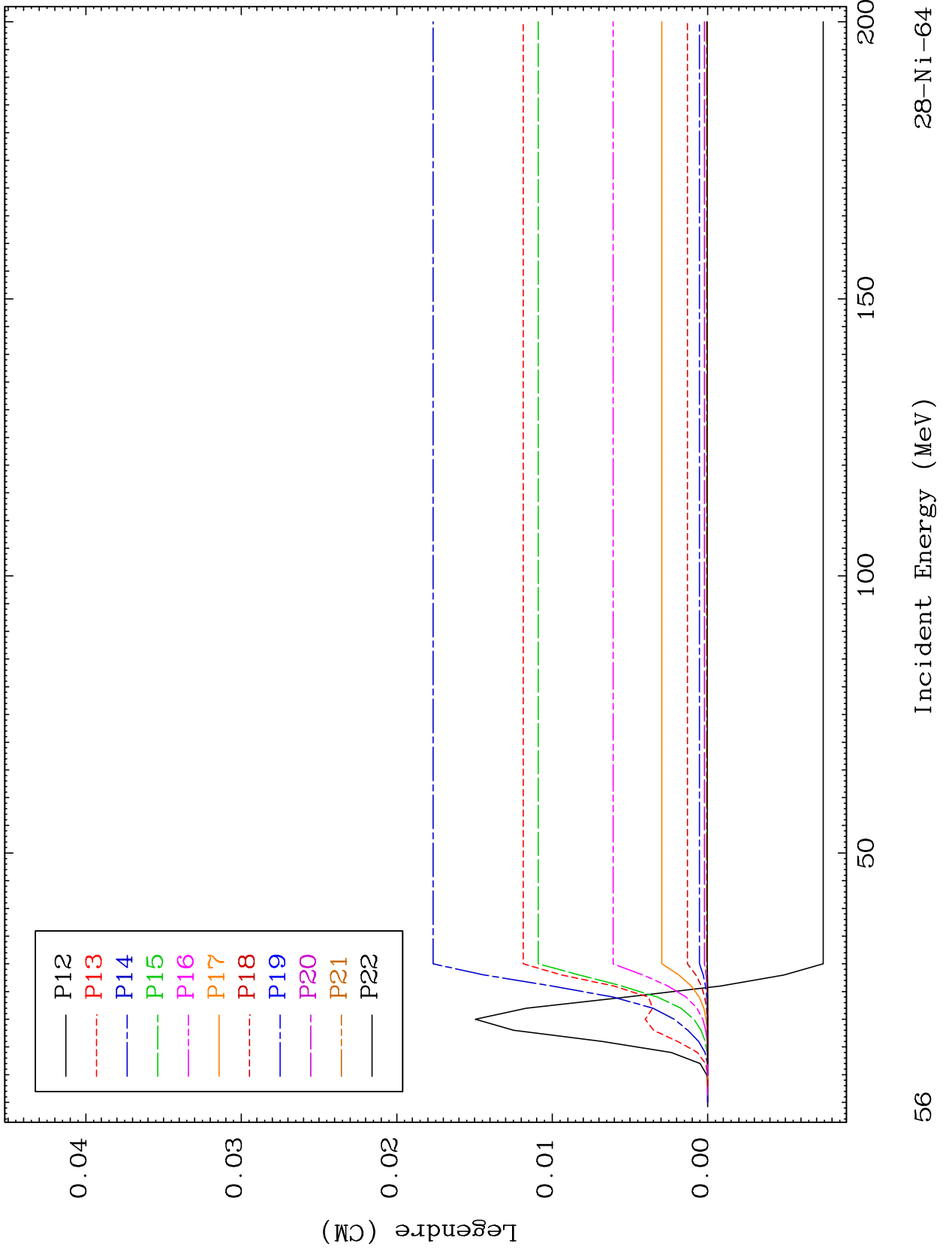
28-Ni-64



MAT 2843

MT= 63 (n,n') Level  
Legendre Coefficients

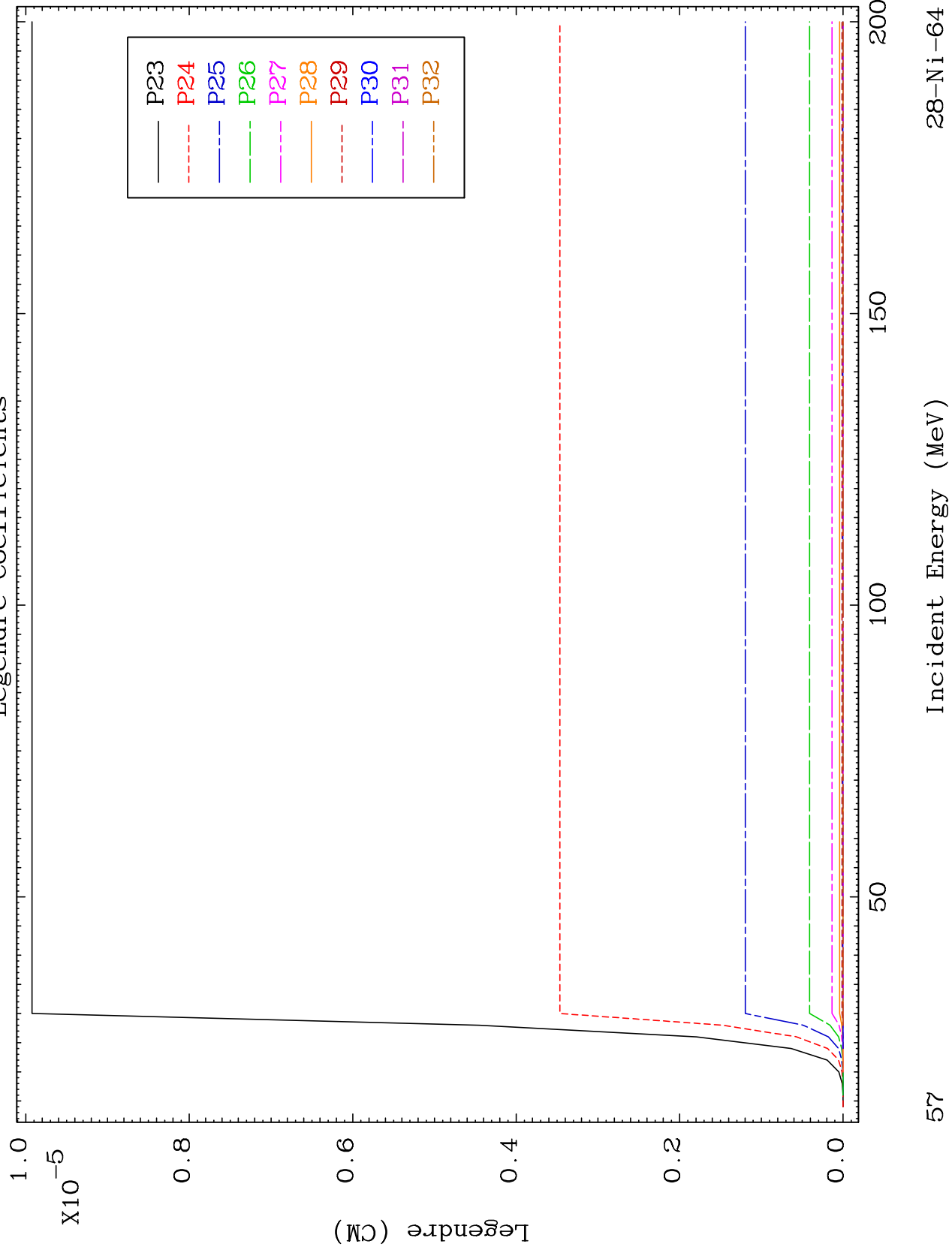
28-Ni-64



MAT 2843

MT= 63 (n,n') Level  
Legendre Coefficients

28-Ni-64



57

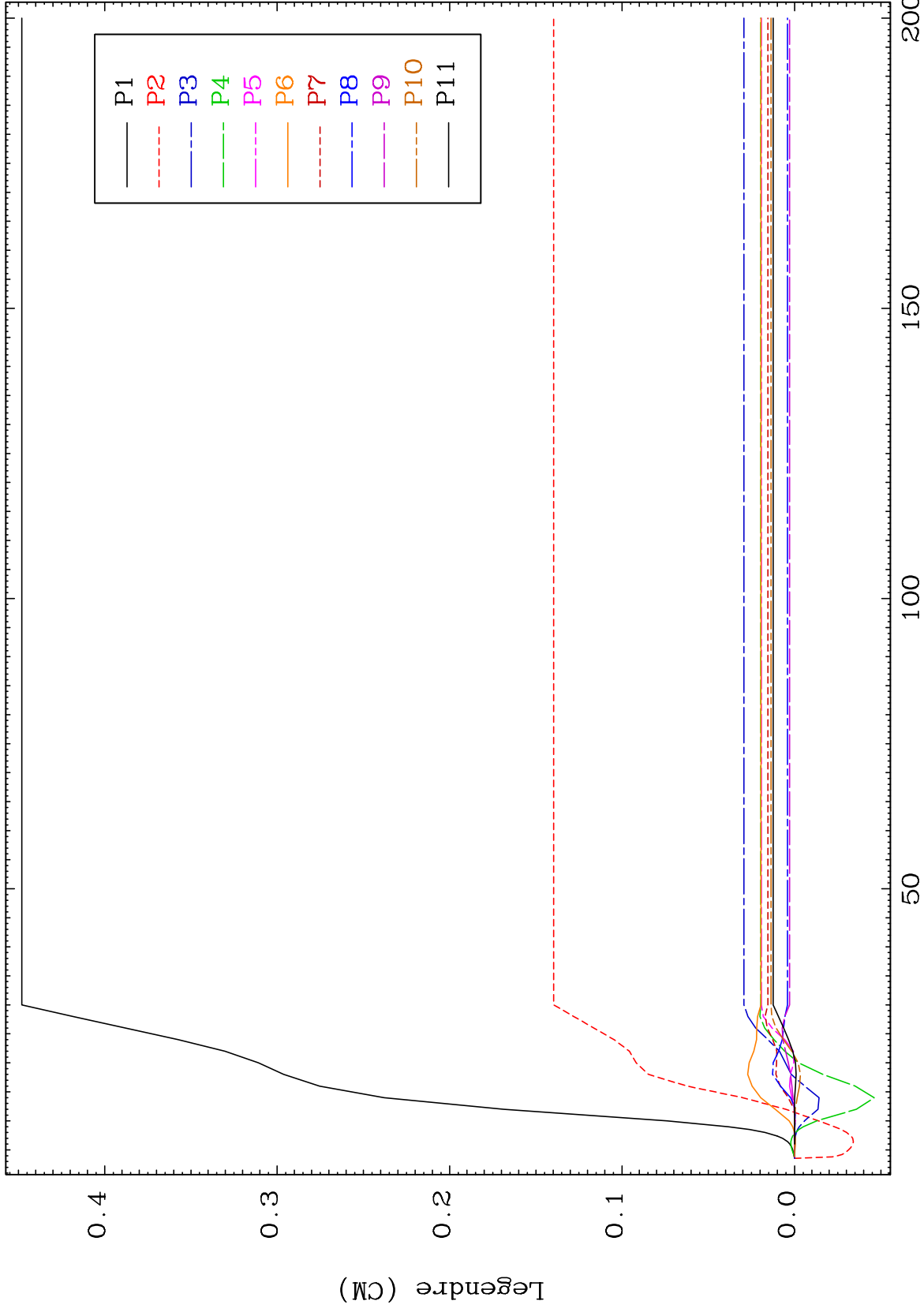
Incident Energy (MeV)

28-Ni-64

MAT 2843

MT= 64 (n,n') Level  
Legendre Coefficients

28-Ni-64



58

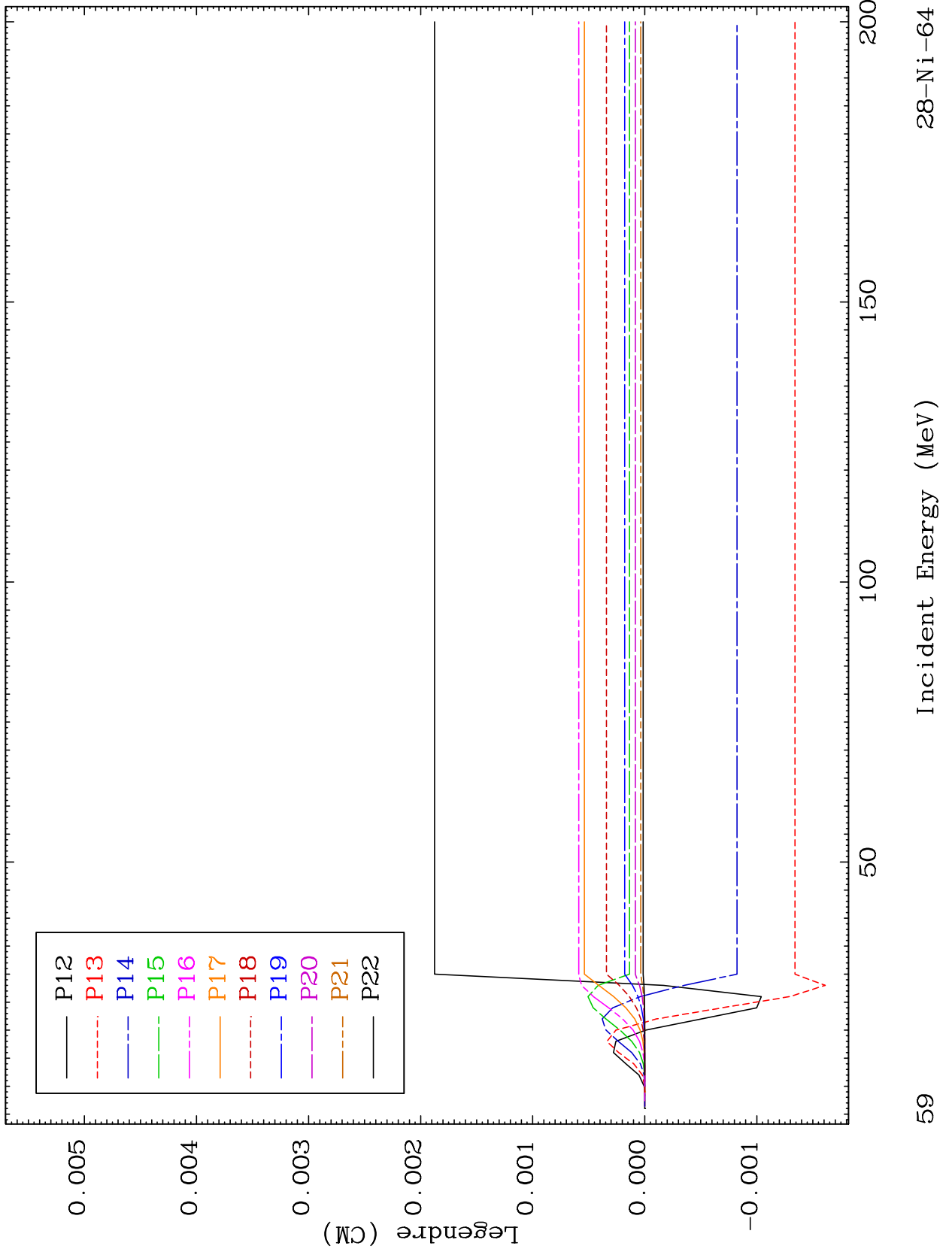
Incident Energy (MeV)

28-Ni-64

MAT 2843

MT= 64 (n,n') Level  
Legendre Coefficients

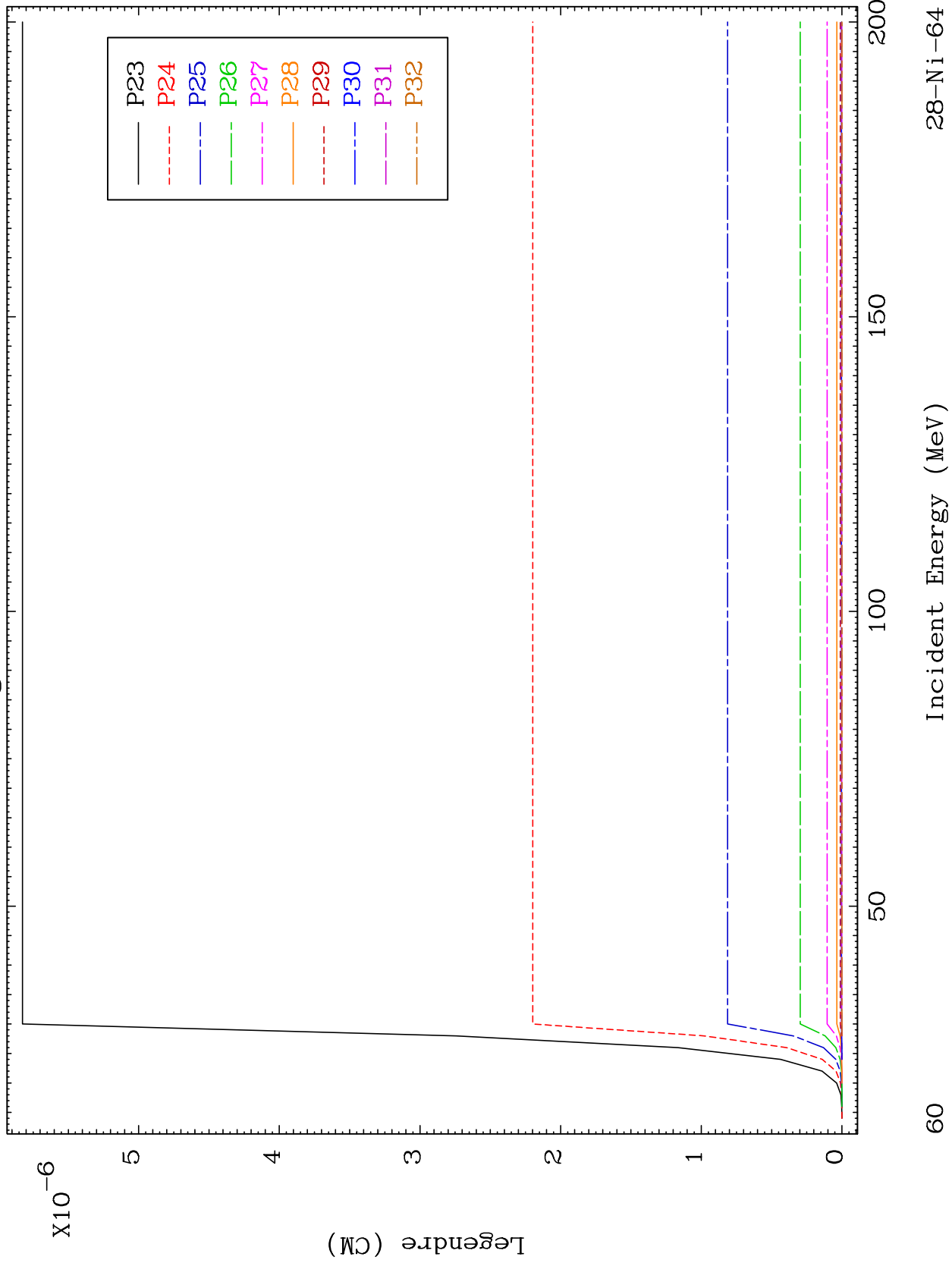
28-Ni-64



MAT 2843

MT= 64 (n,n') Level  
Legendre Coefficients

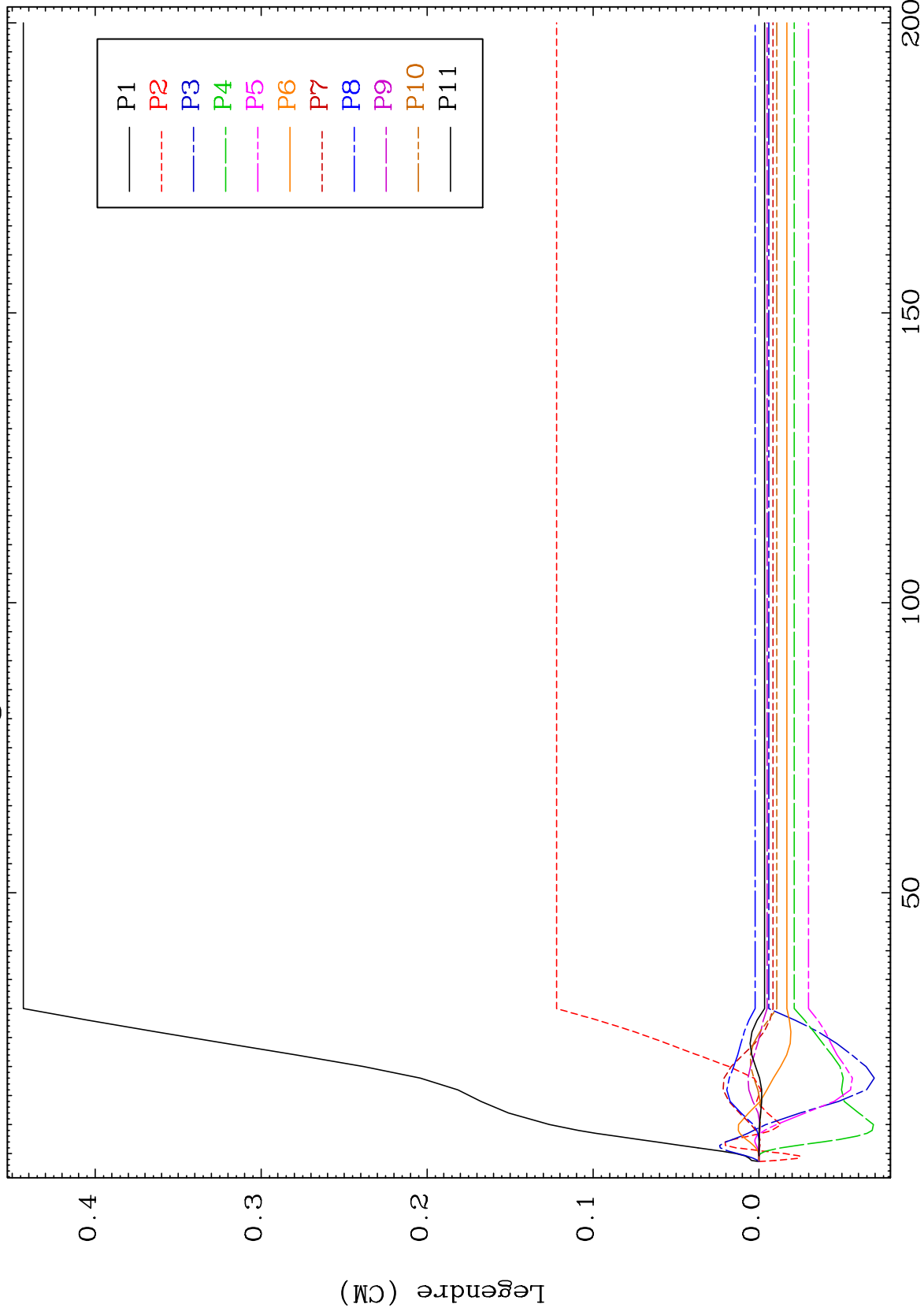
28-Ni-64



MAT 2843

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

28-Ni-64



61

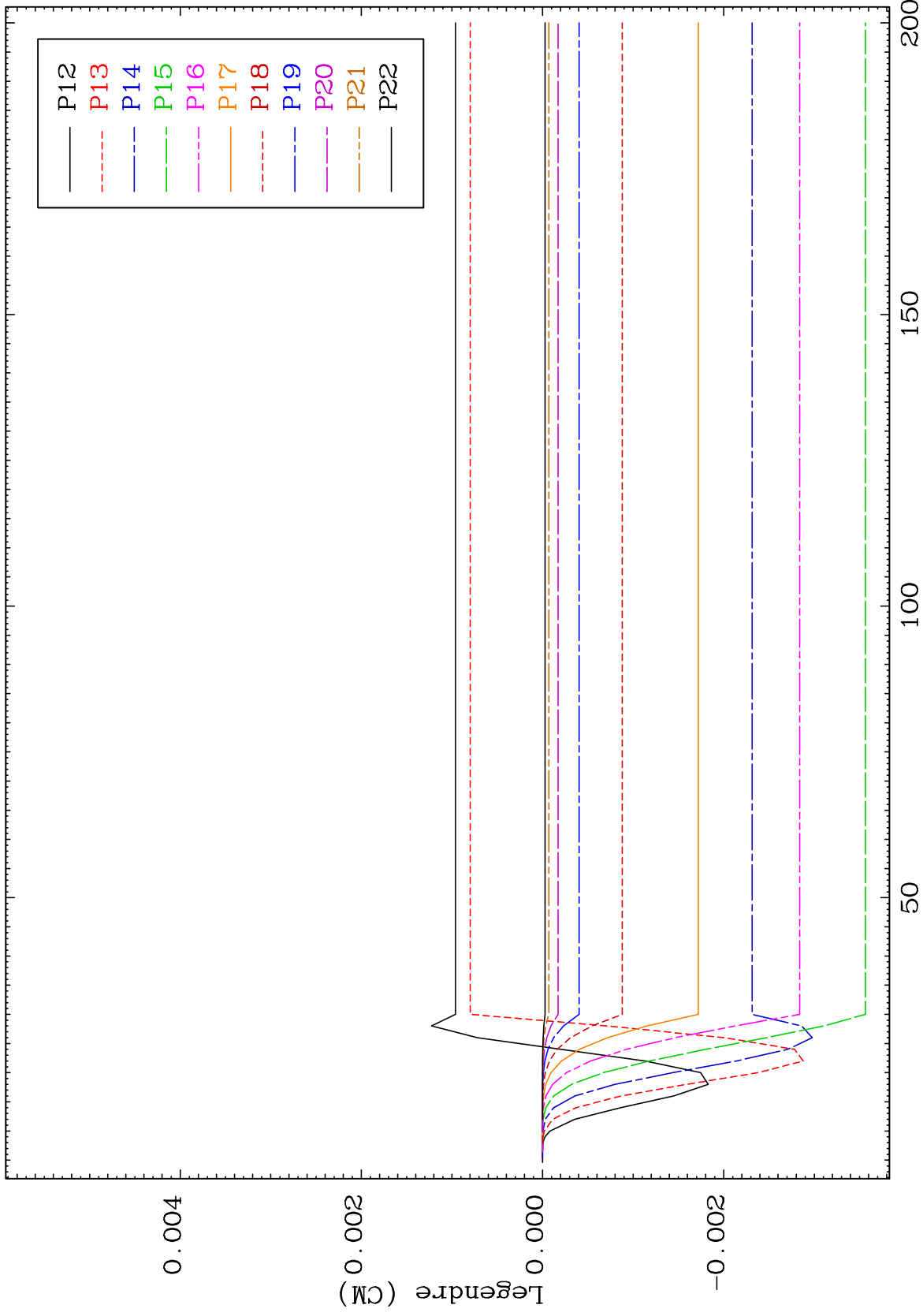
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

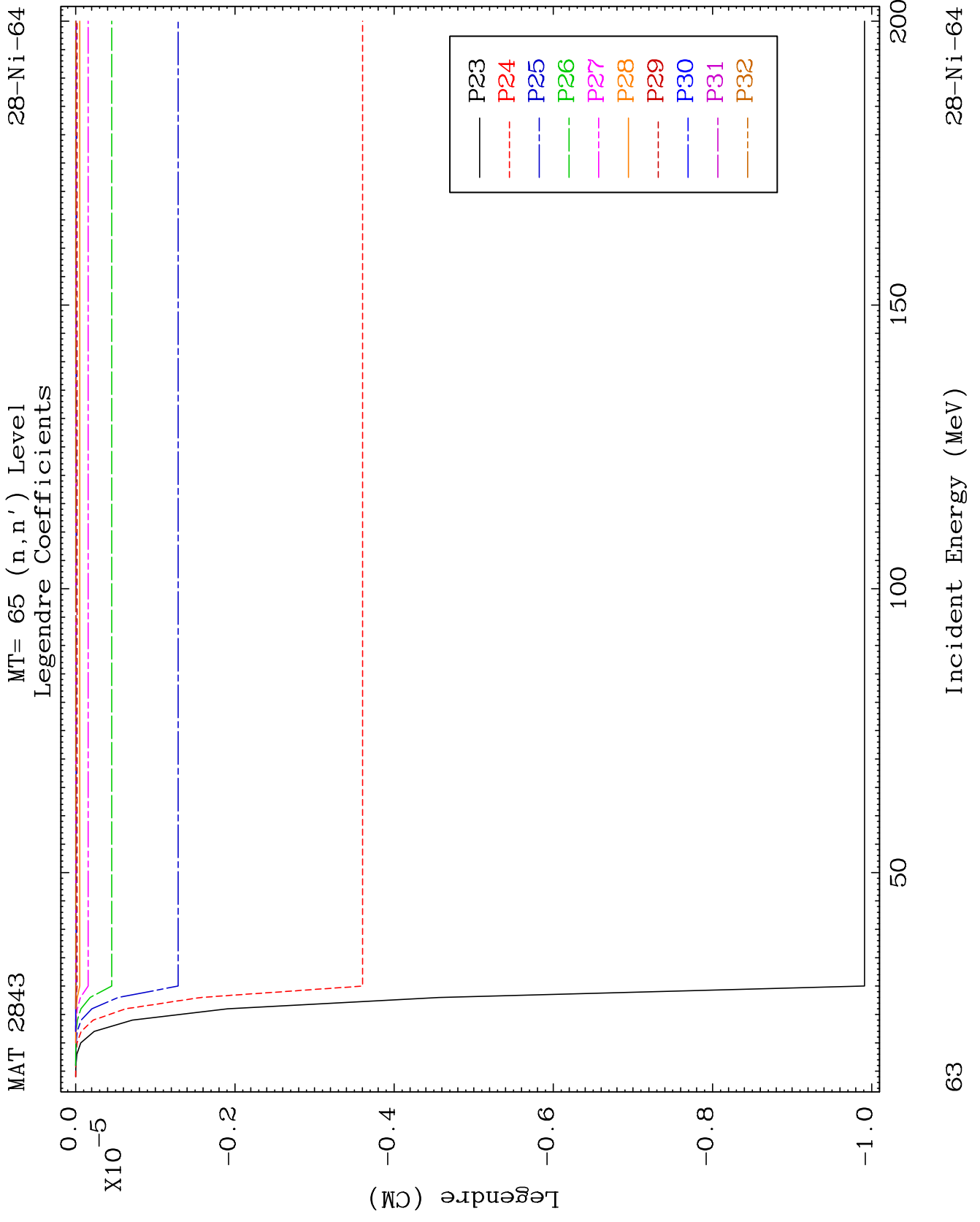
28-Ni-64



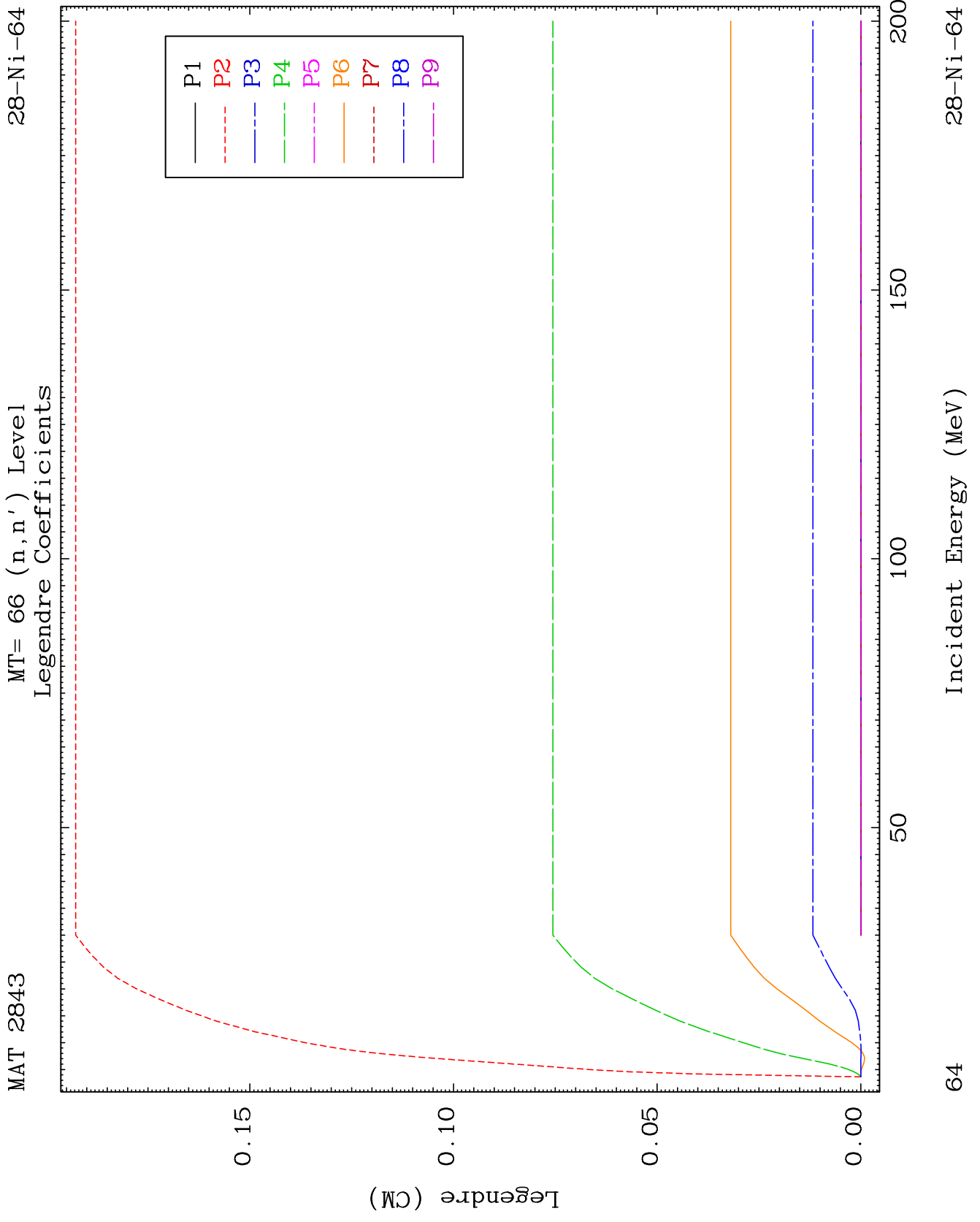
62

Incident Energy (MeV)

28-Ni-64



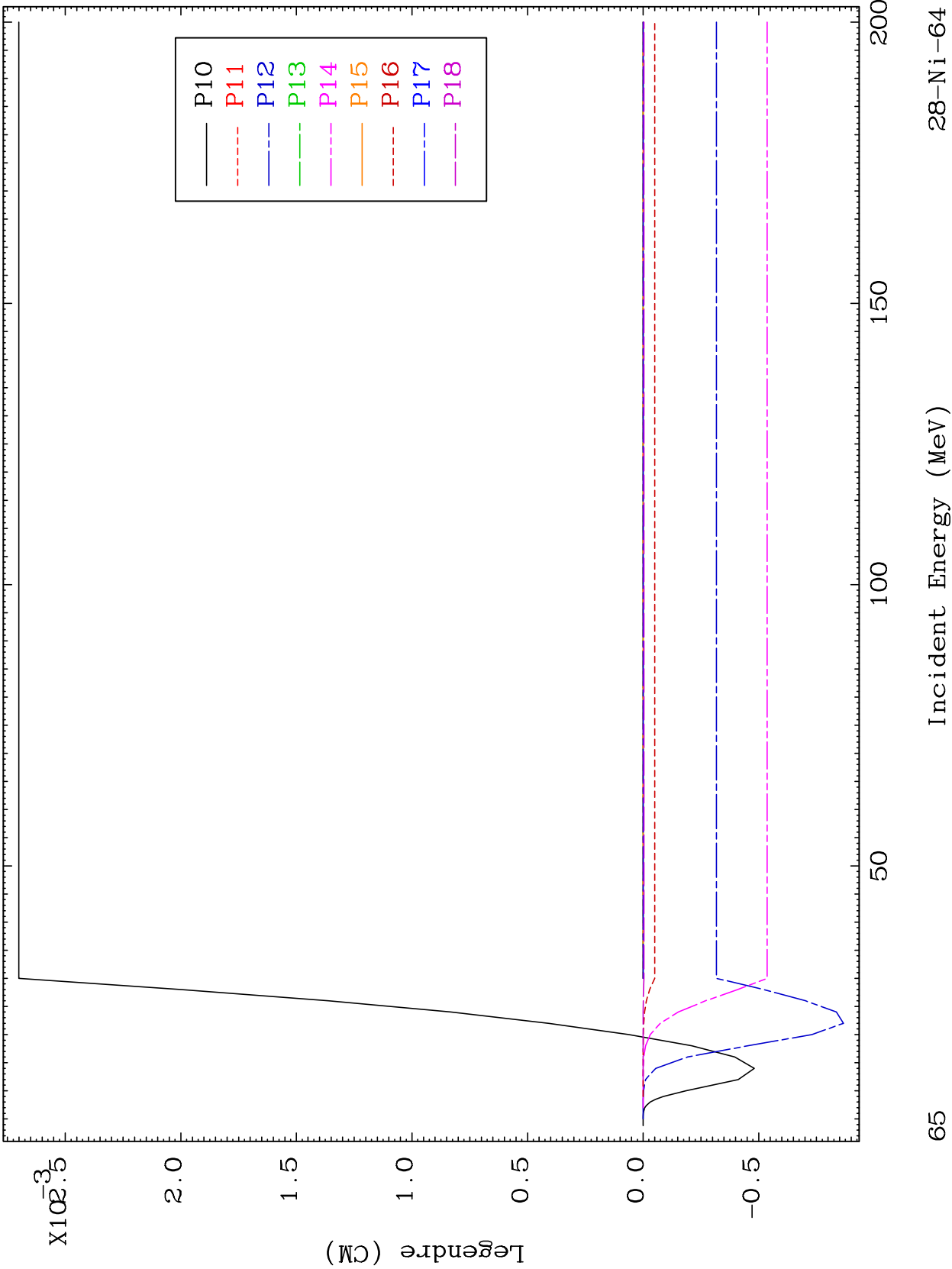




MAT 2843

MT= 66 (n,n') Level  
Legendre Coefficients

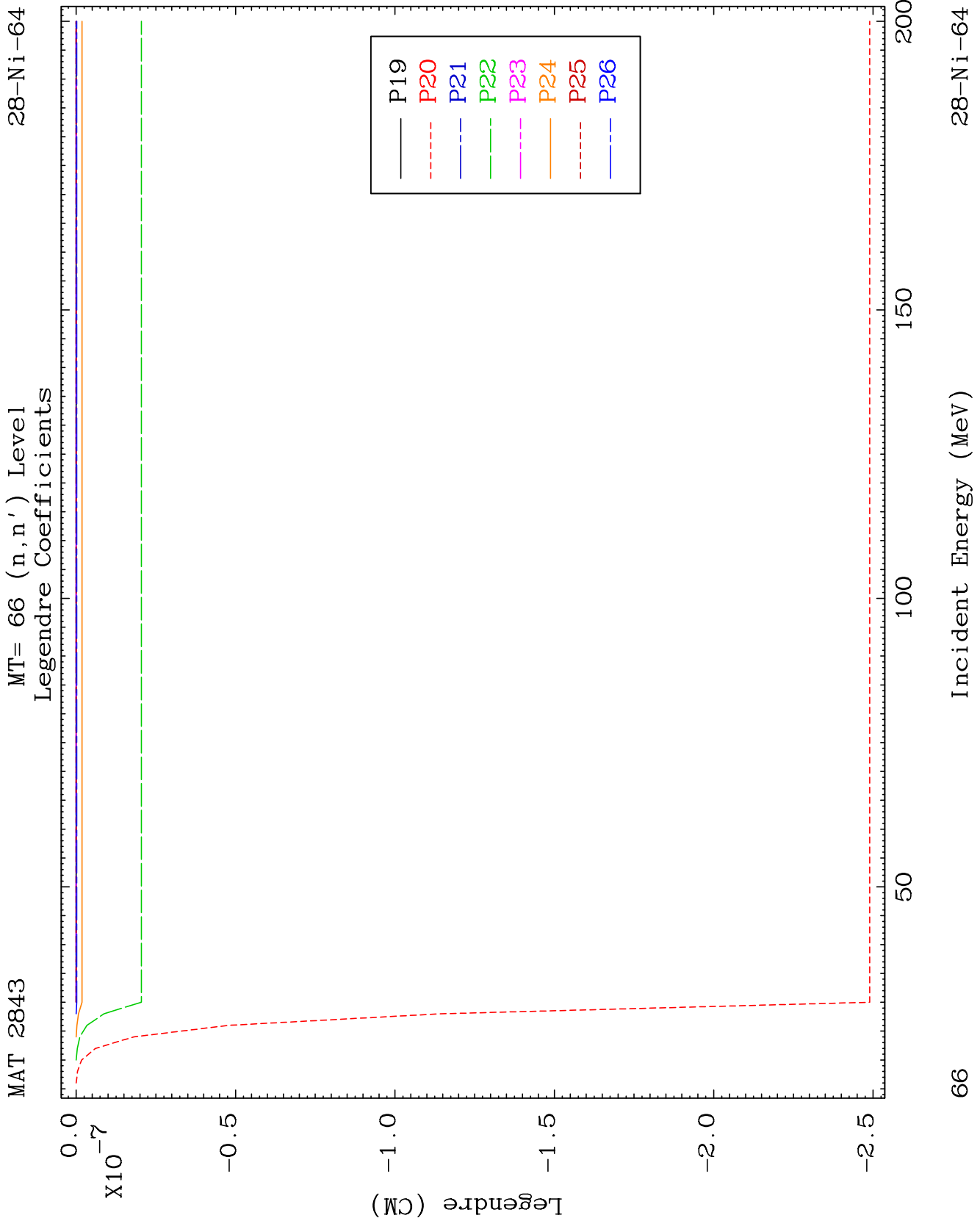
28-Ni-64



65

Incident Energy (MeV)

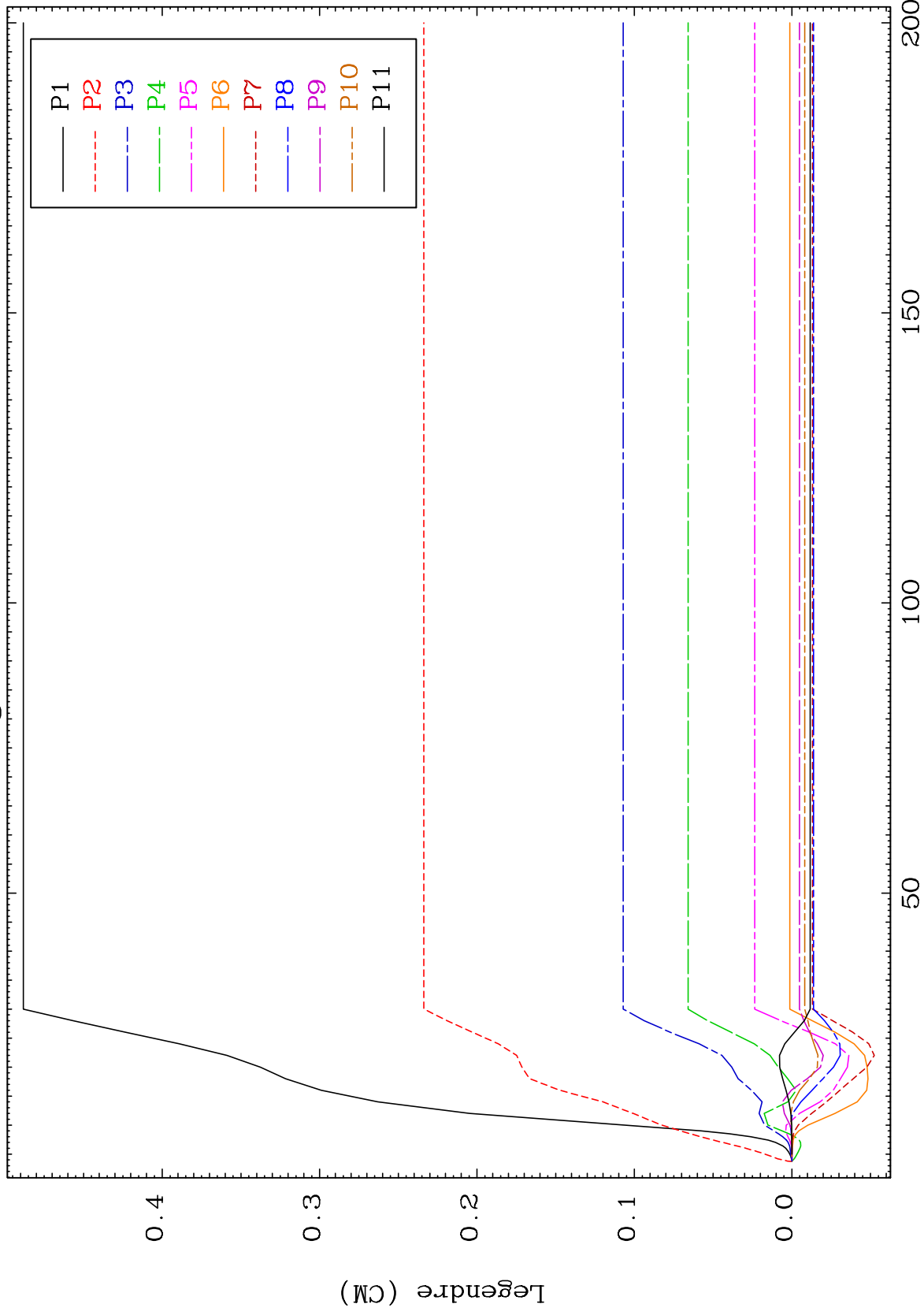
28-Ni-64



MAT 2843

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

28-Ni-64



67

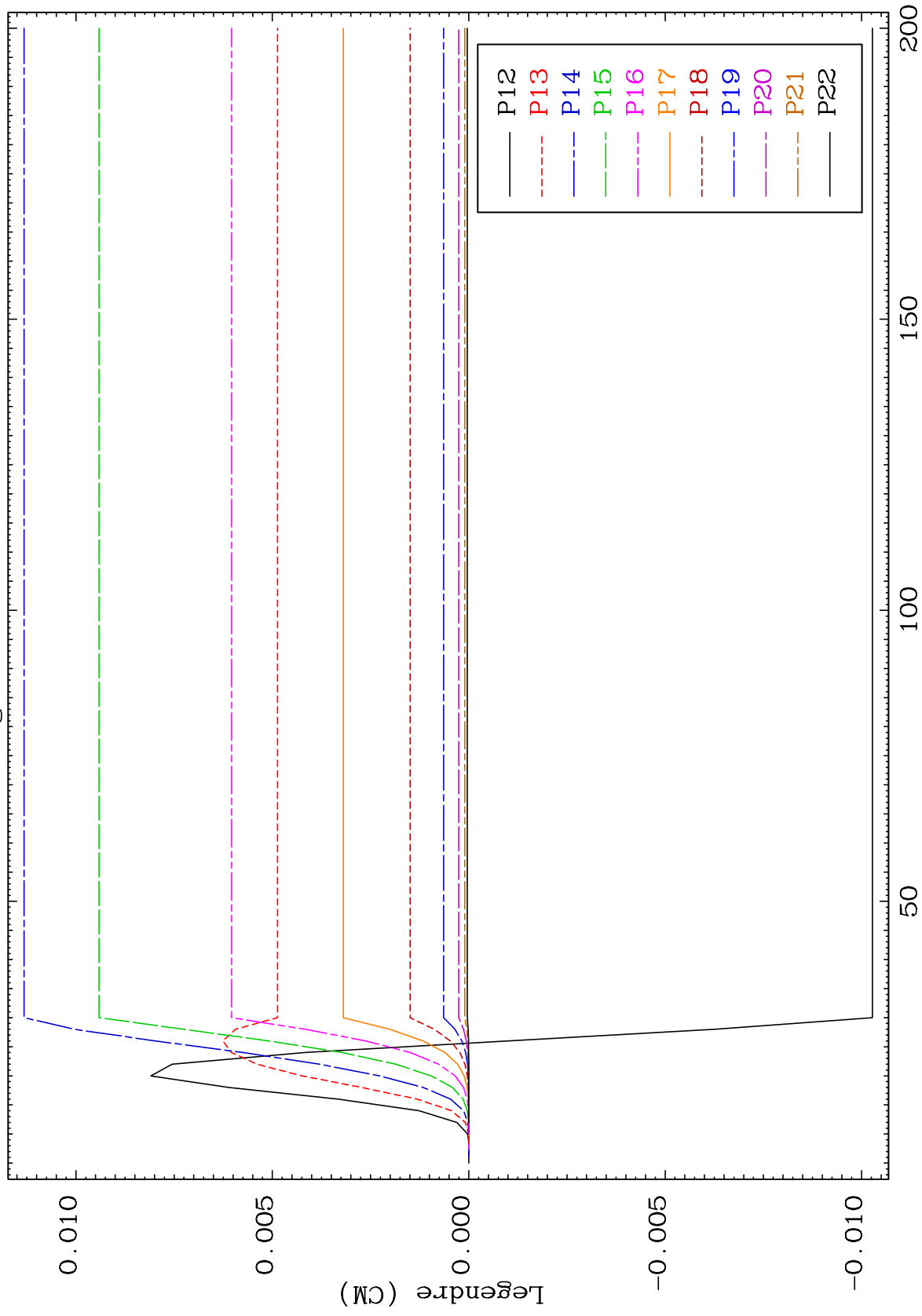
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



68

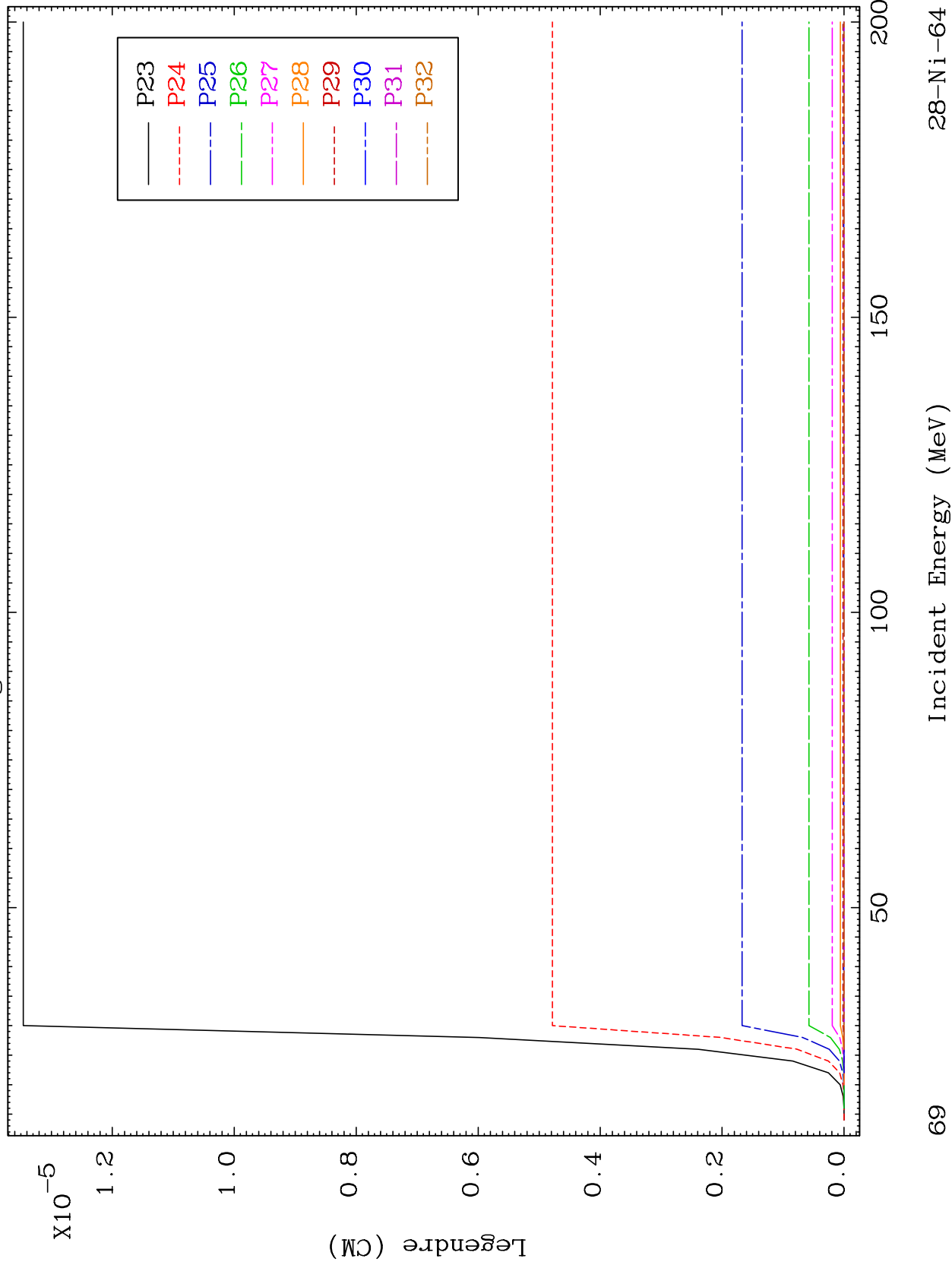
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

28-Ni-64



69

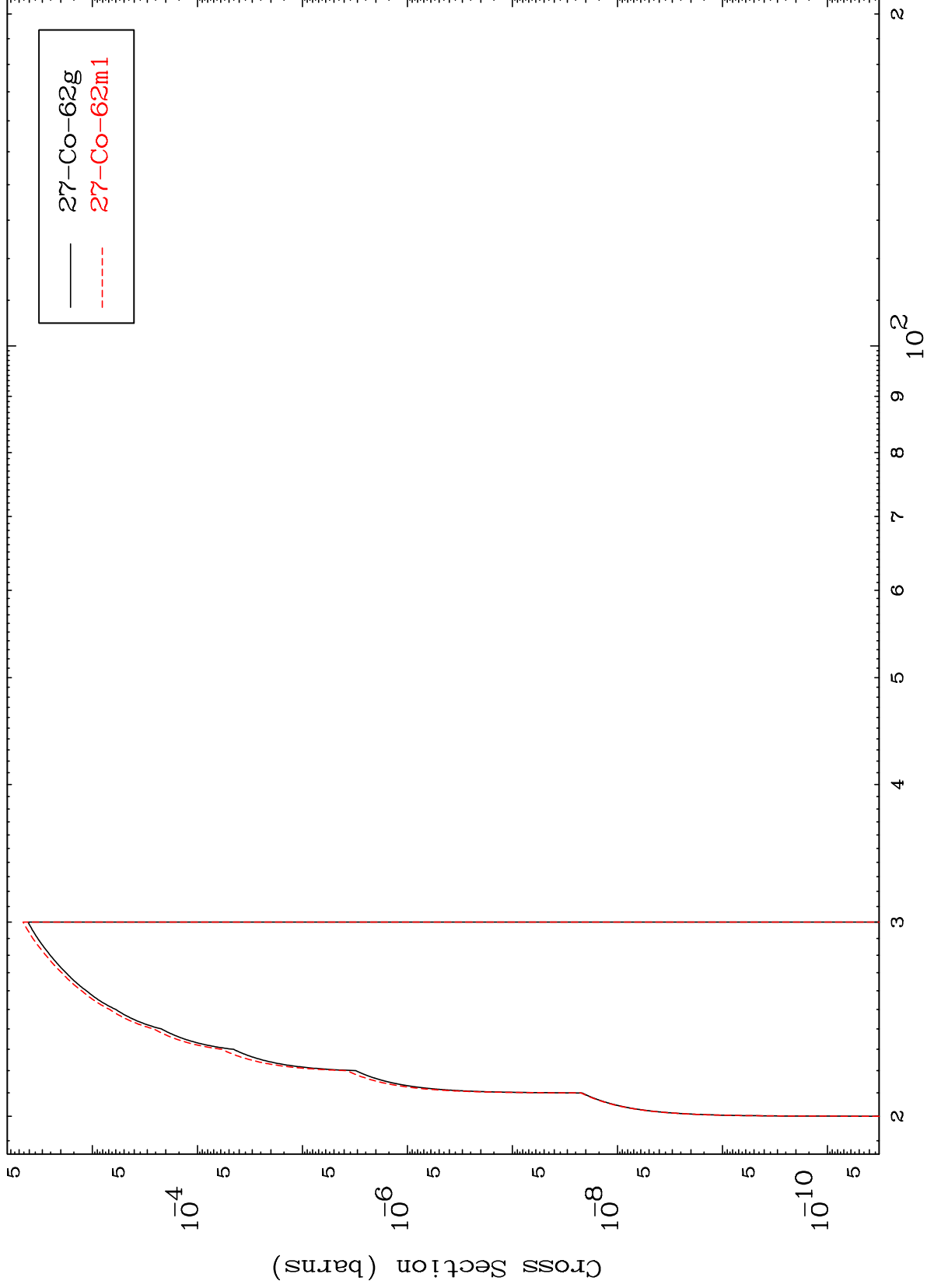
28-Ni-64

MAT 2843

(n,n') d

28-Ni-64

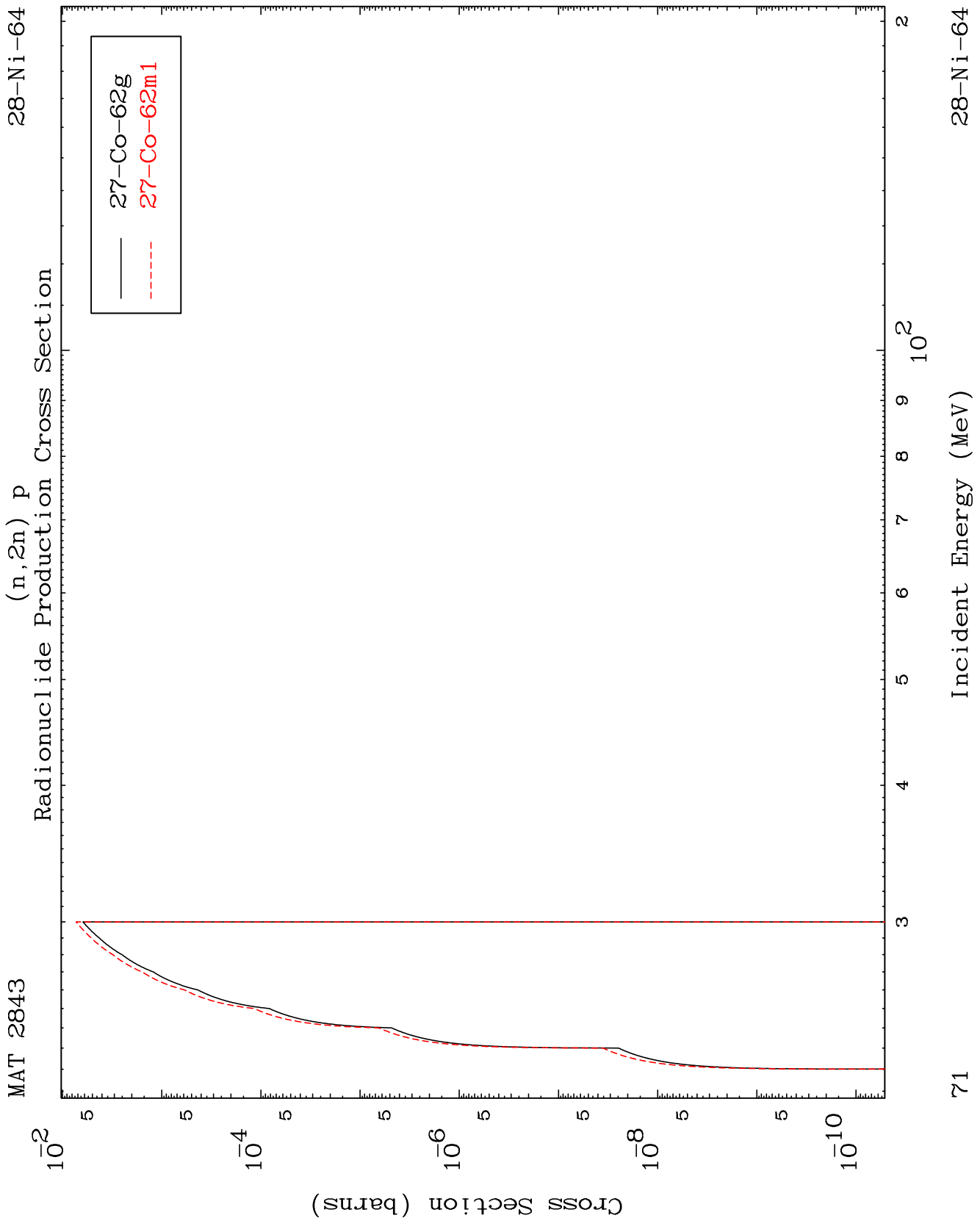
Radionuclide Production Cross Section



70

Incident Energy (MeV)

28-Ni-64

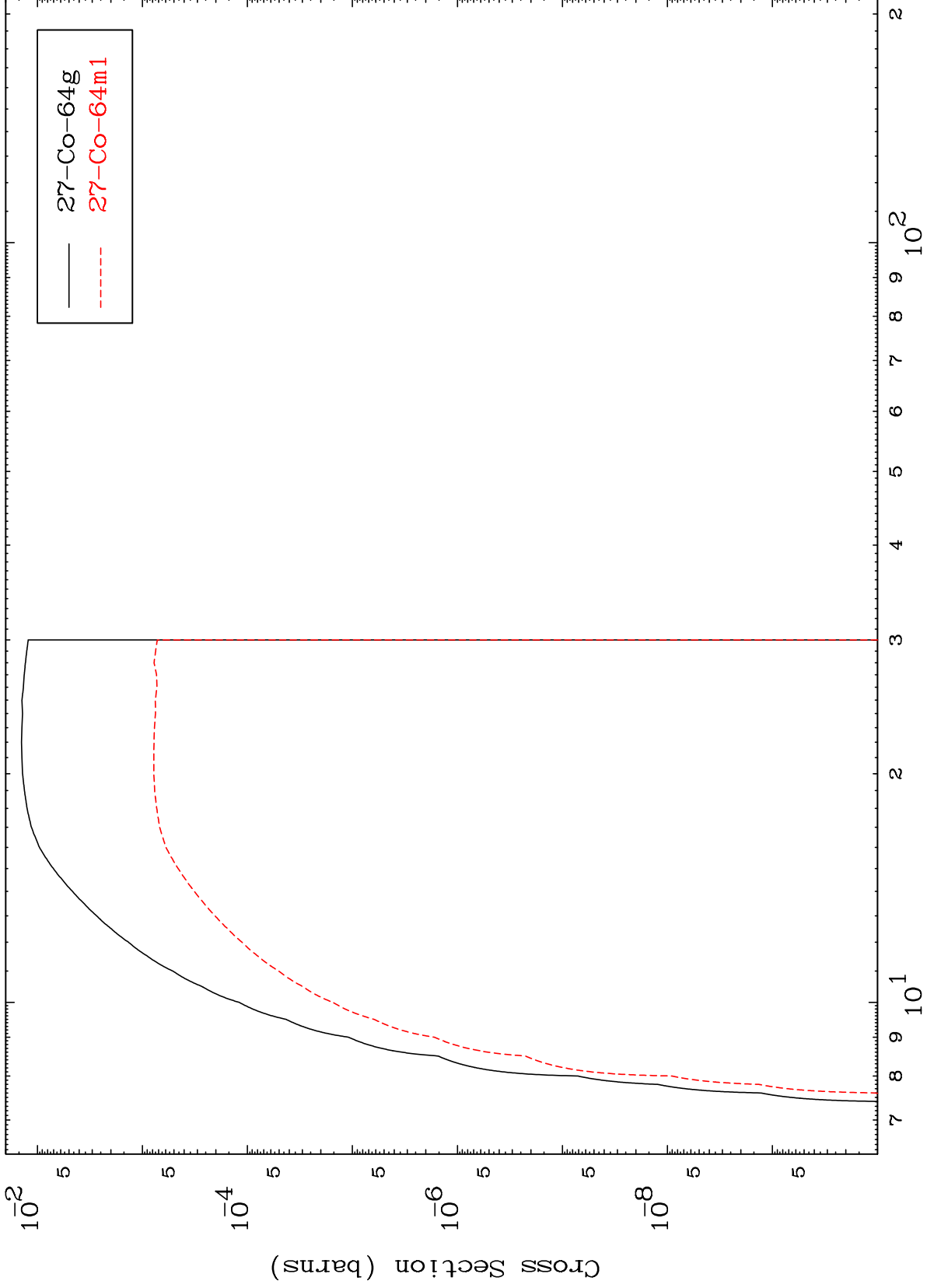




MAT 2843

28-Ni-64

(n,p)  
Radionuclide Production Cross Section



72

Incident Energy (MeV)

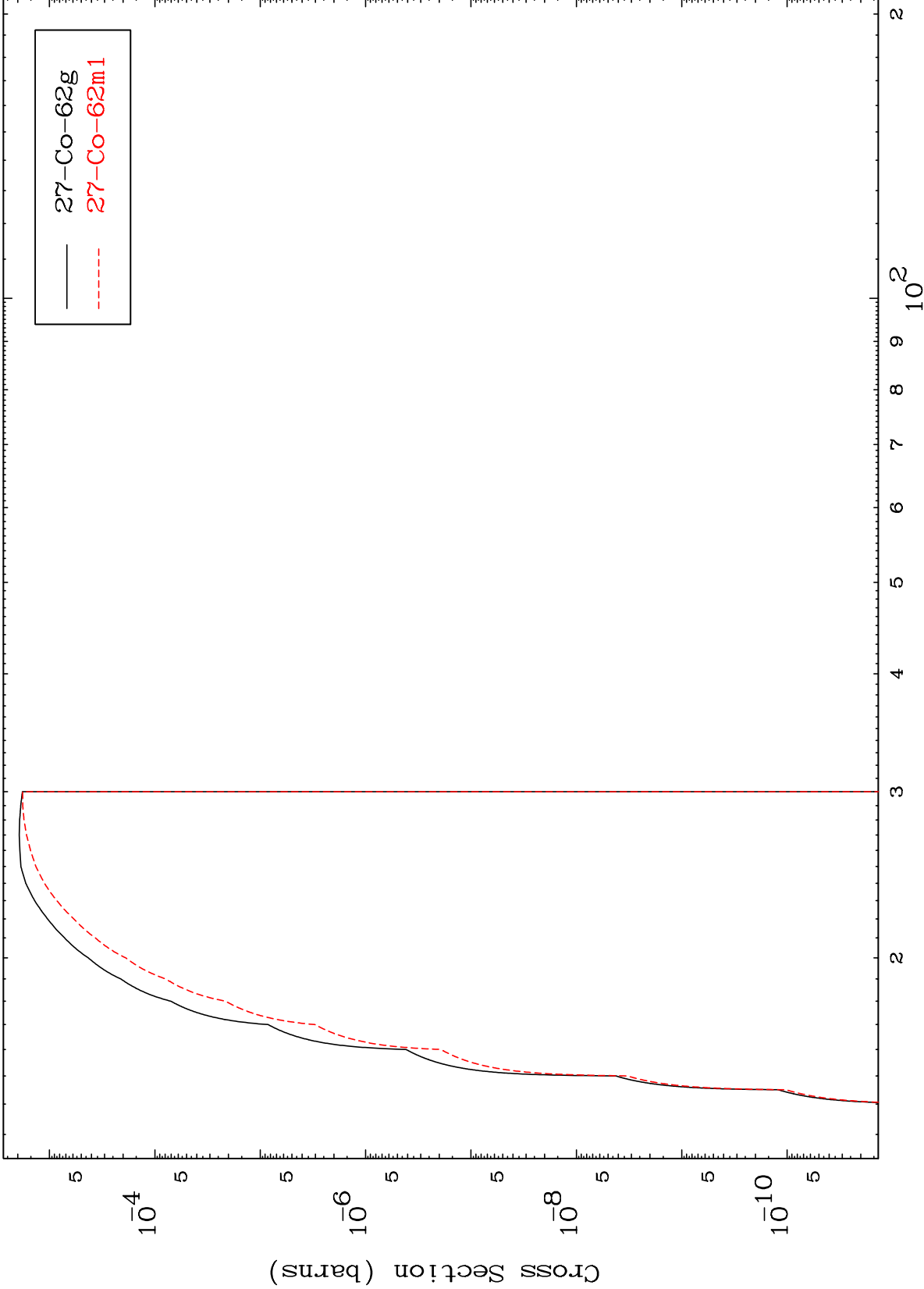
28-Ni-64

MAT 2843

(n,t)

<sup>28</sup>Ni-64

Radionuclide Production Cross Section



— 27-Co-62g  
- - - 27-Co-62m1

73

Incident Energy (MeV)

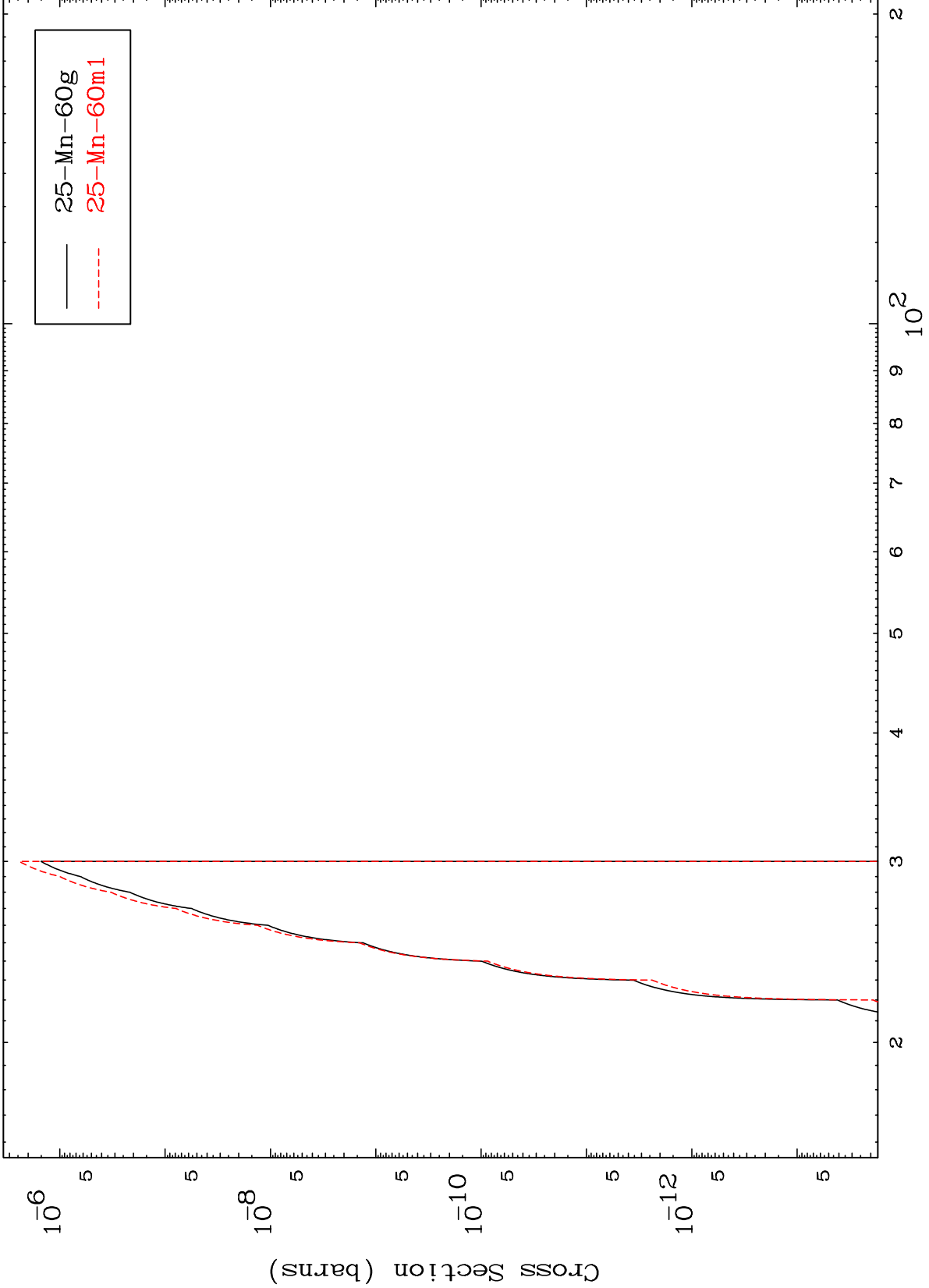
<sup>28</sup>Ni-64

MAT 2843

(n,p)  $\alpha$

28-Ni-64

Radionuclide Production Cross Section



74

Incident Energy (MeV)

28-Ni-64