

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

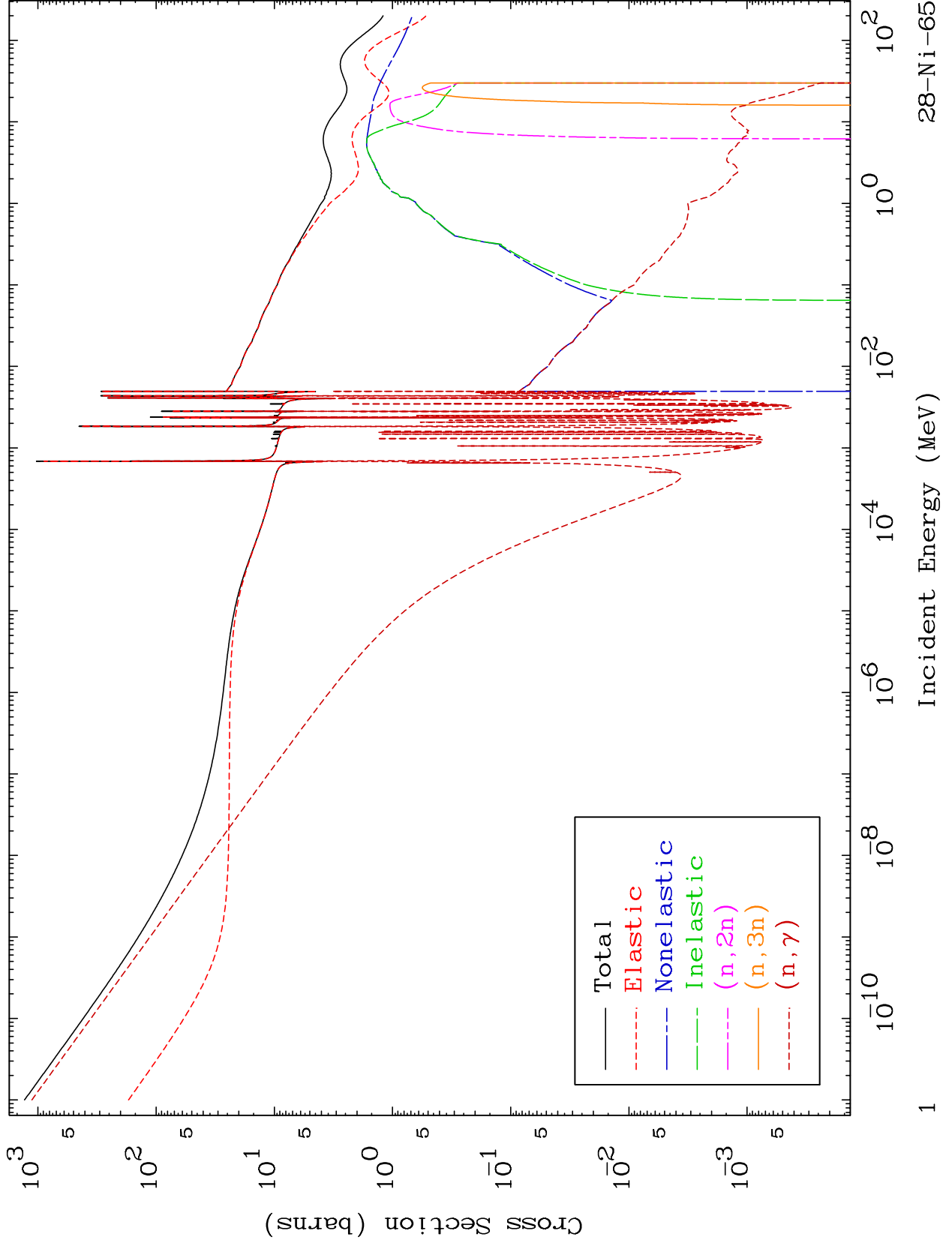
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Press Mouse Button to Start

MAT 2846

Neutron Major
293 Kelvin Cross Sections

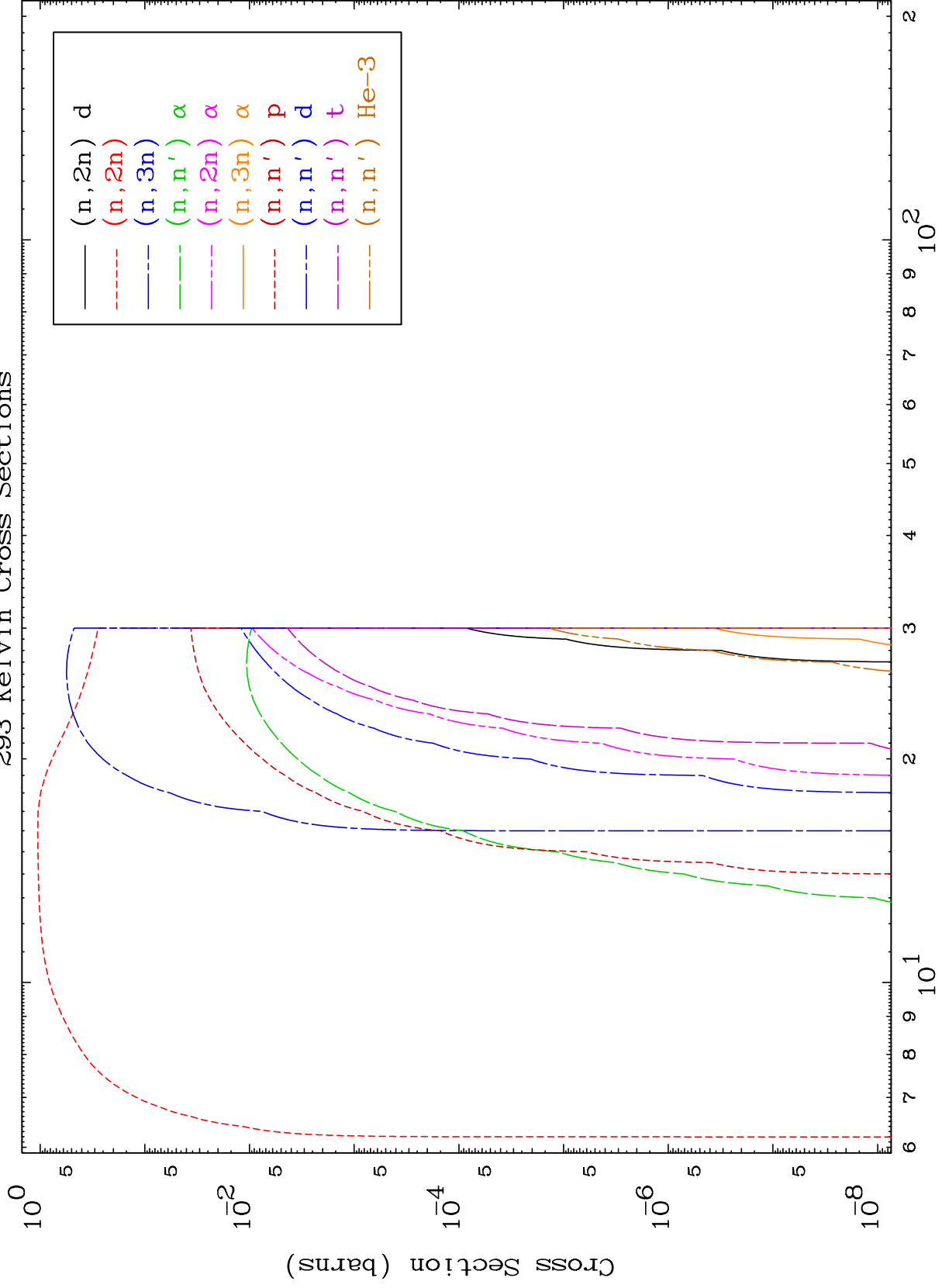
28-Ni-65



MAT 2846

Neutron Absorption
293 Kelvin Cross Sections

28-Ni-65



2

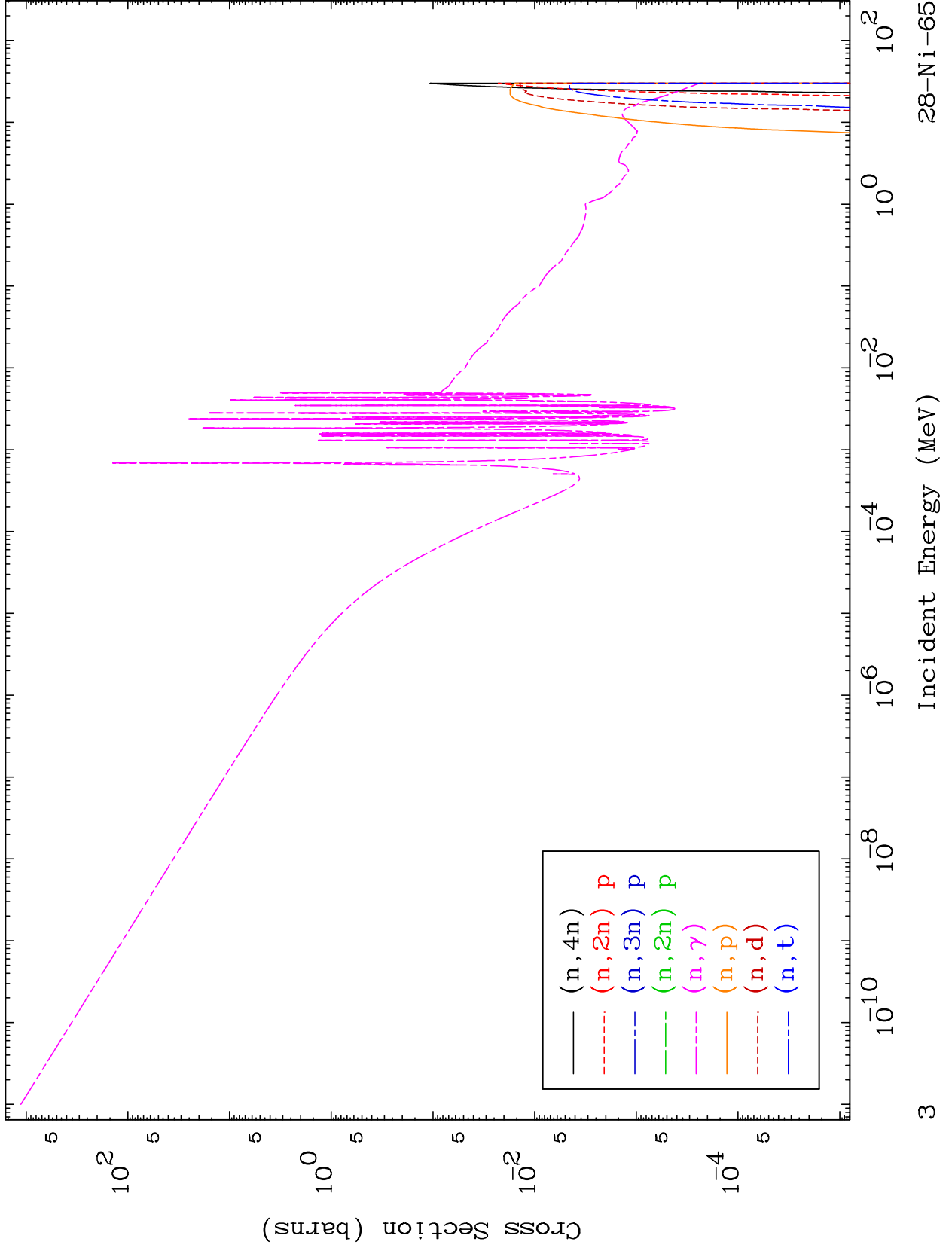
Incident Energy (MeV)

28-Ni-65

MAT 2846

Neutron Absorption
293 Kelvin Cross Sections

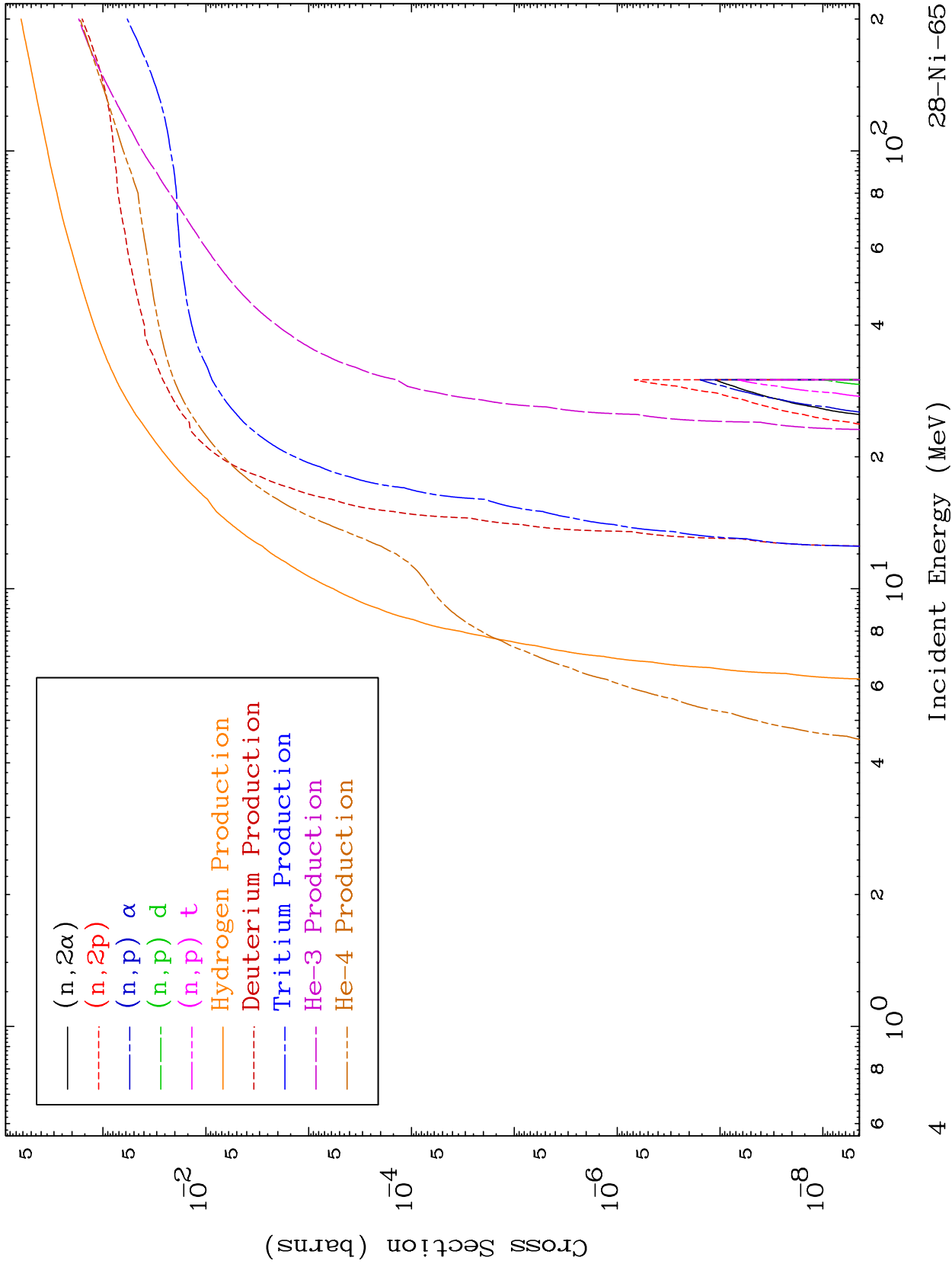
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MAT 2846

Neutron Absorption
293 Kelvin Cross Sections

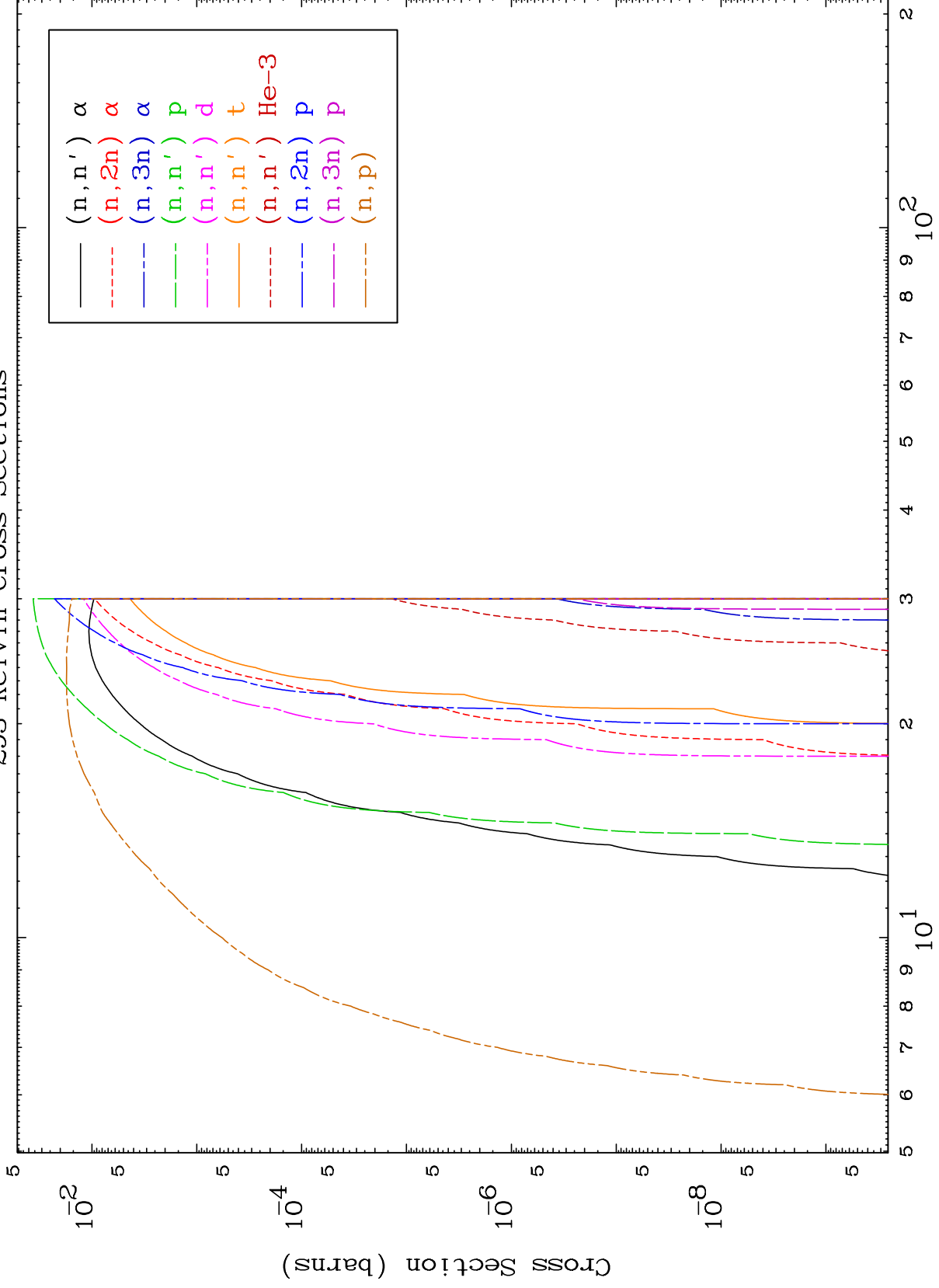
28-Ni-65



MAT 2846

Charged Particle
293 Kelvin Cross Sections

28-Ni-65



5

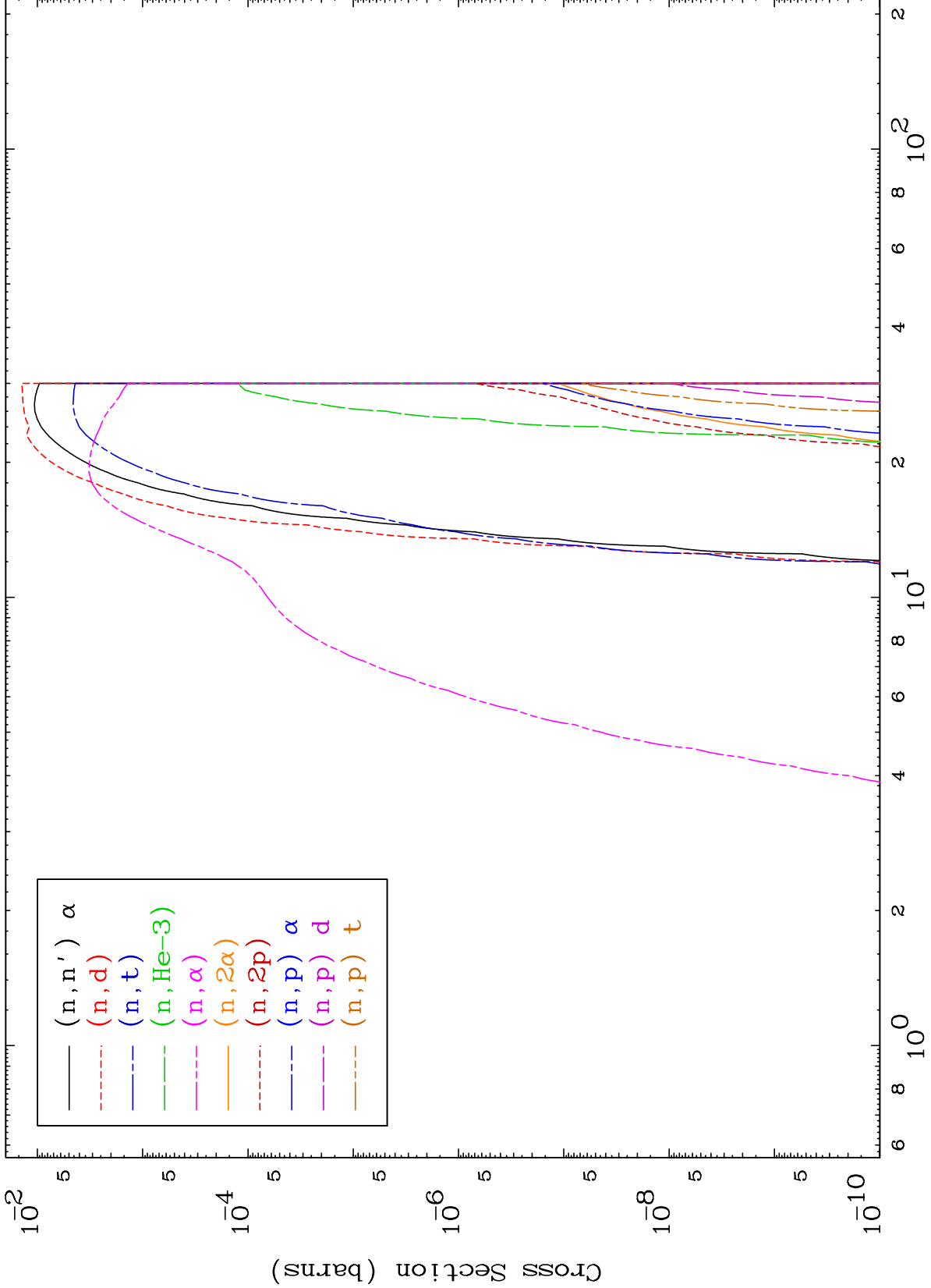
Incident Energy (MeV)

28-Ni-65

MAT 2846

Charged Particle
293 Kelvin Cross Sections

28-Ni-65



Incident Energy (MeV)

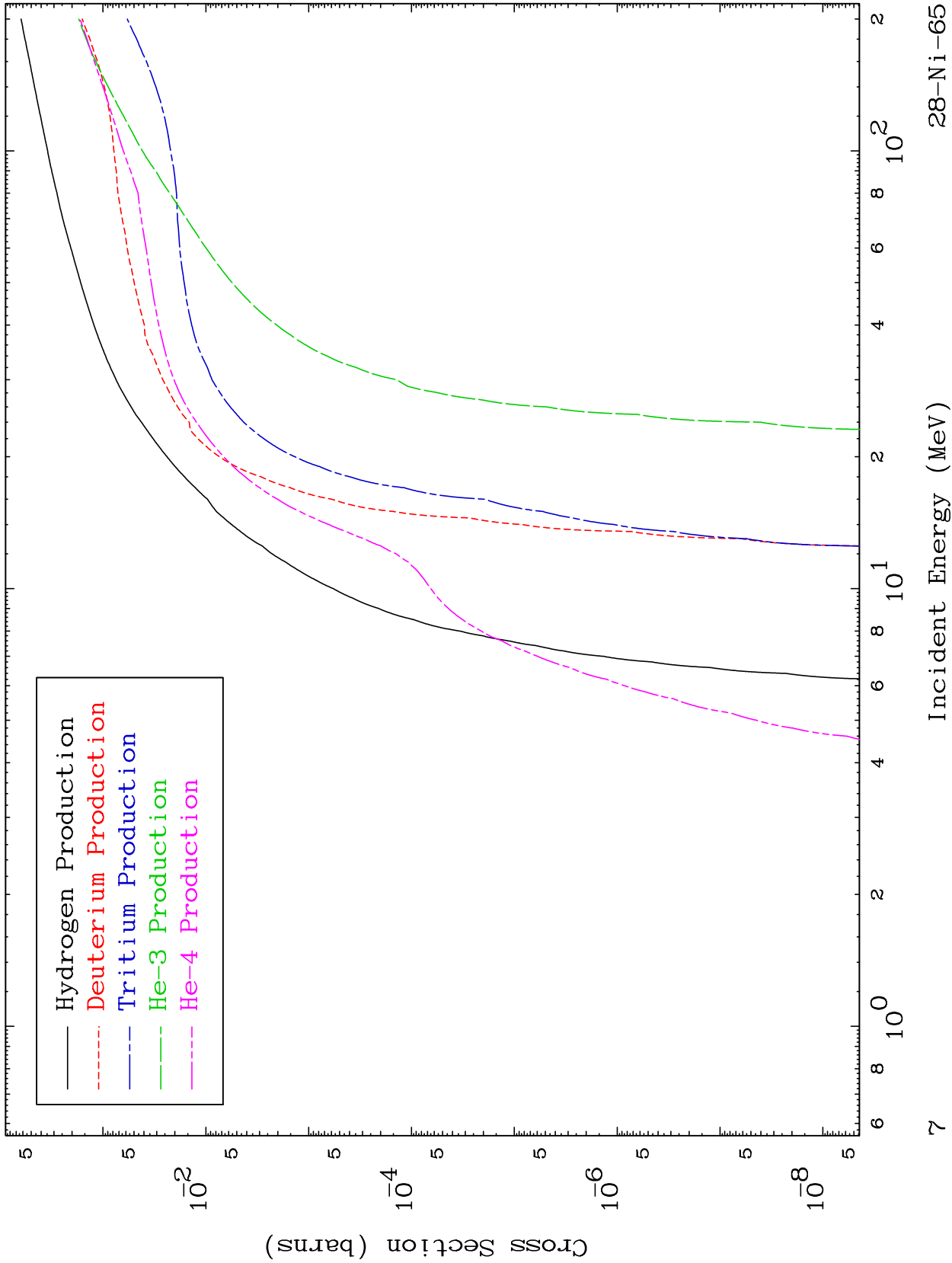
28-Ni-65

6

MAT 2846

Particle Production
293 Kelvin Cross Sections

28-Ni-65



7

Incident Energy (MeV)

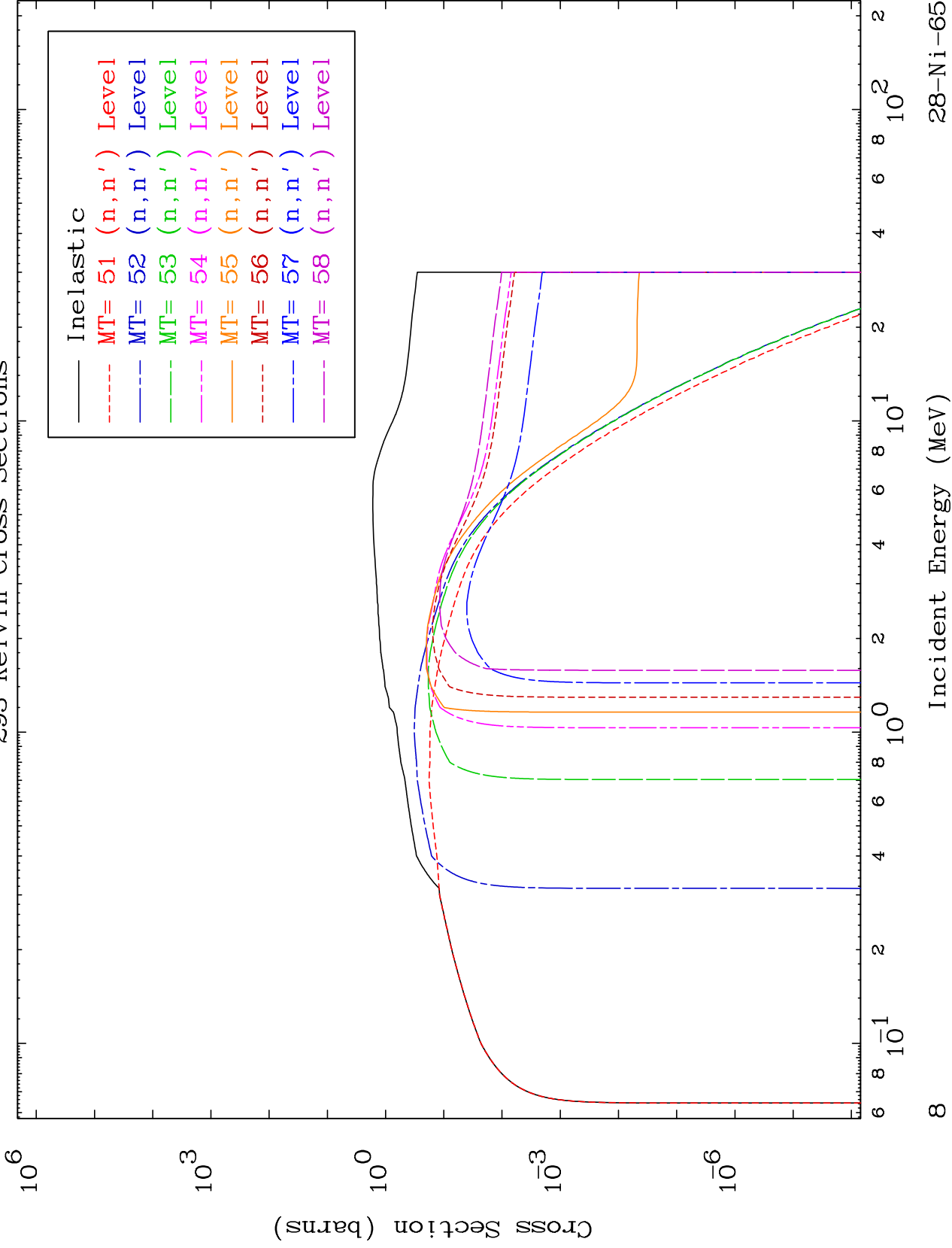
28-Ni-65

MAT 2846

(n,n') Levels

28-Ni-65

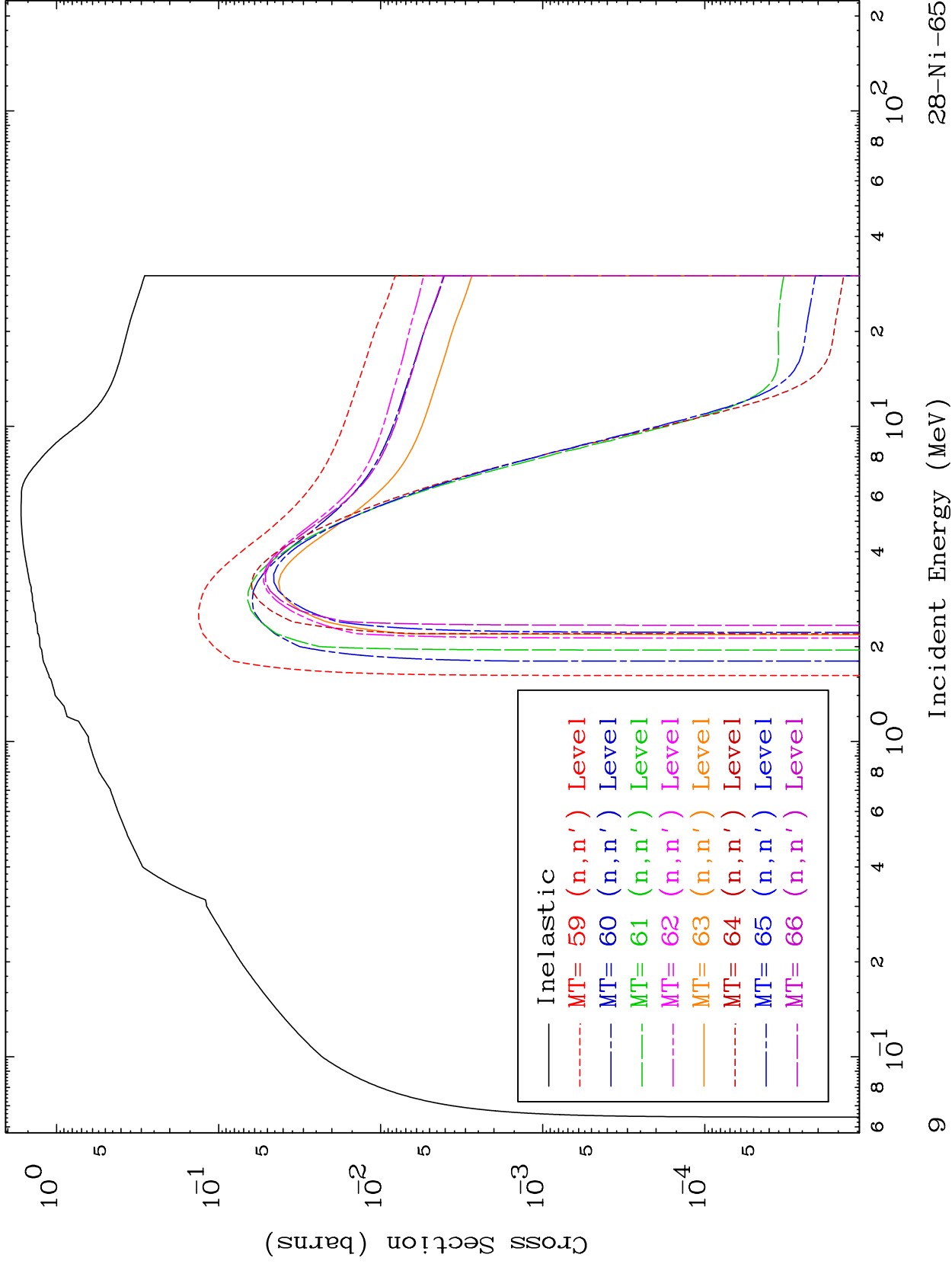
293 Kelvin Cross Sections



MAT 2846

(n,n') Levels
293 Kelvin Cross Sections

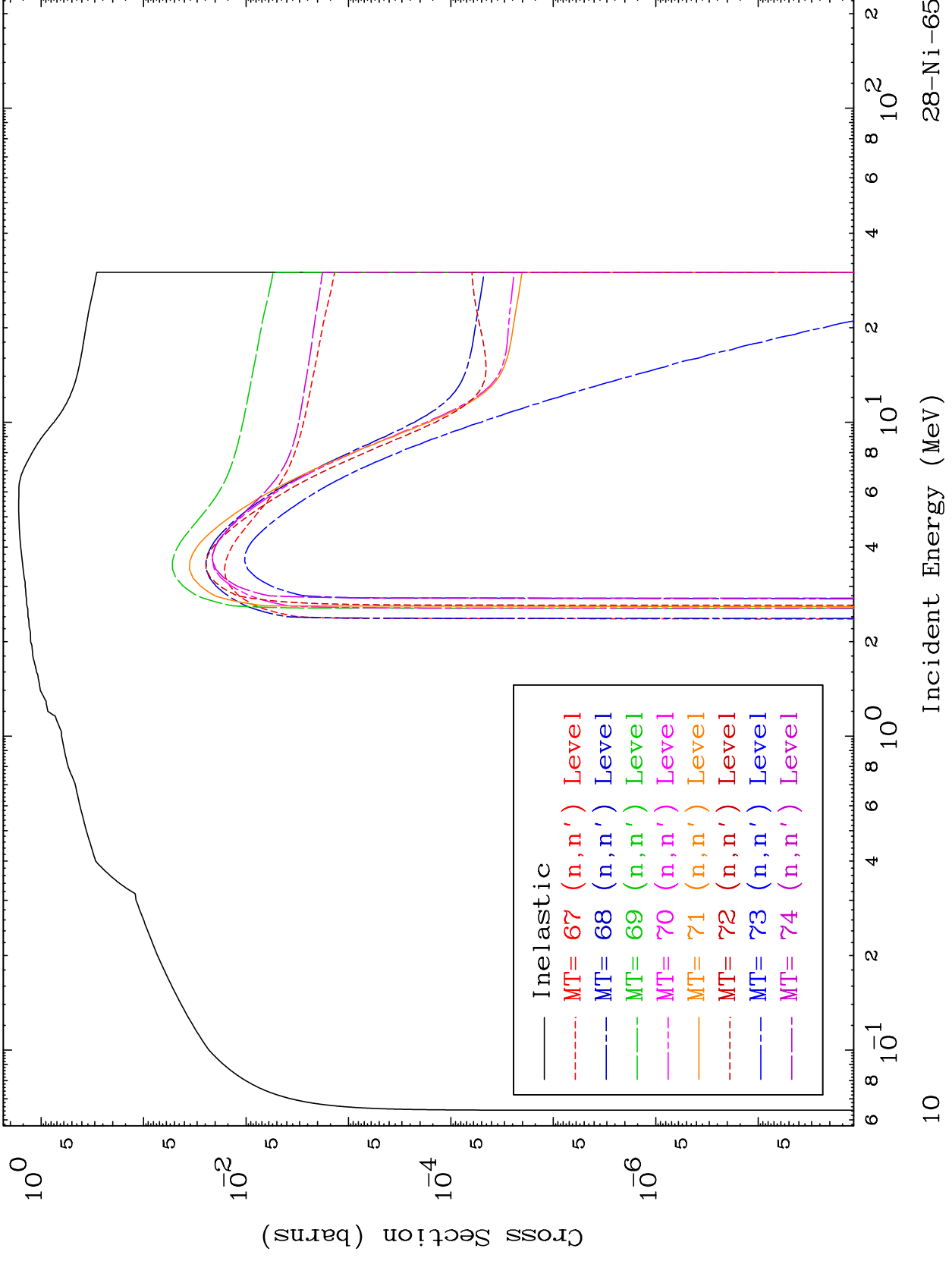
28-Ni-65



MAT 2846

(n,n') Levels
293 Kelvin Cross Sections

28-Ni-65

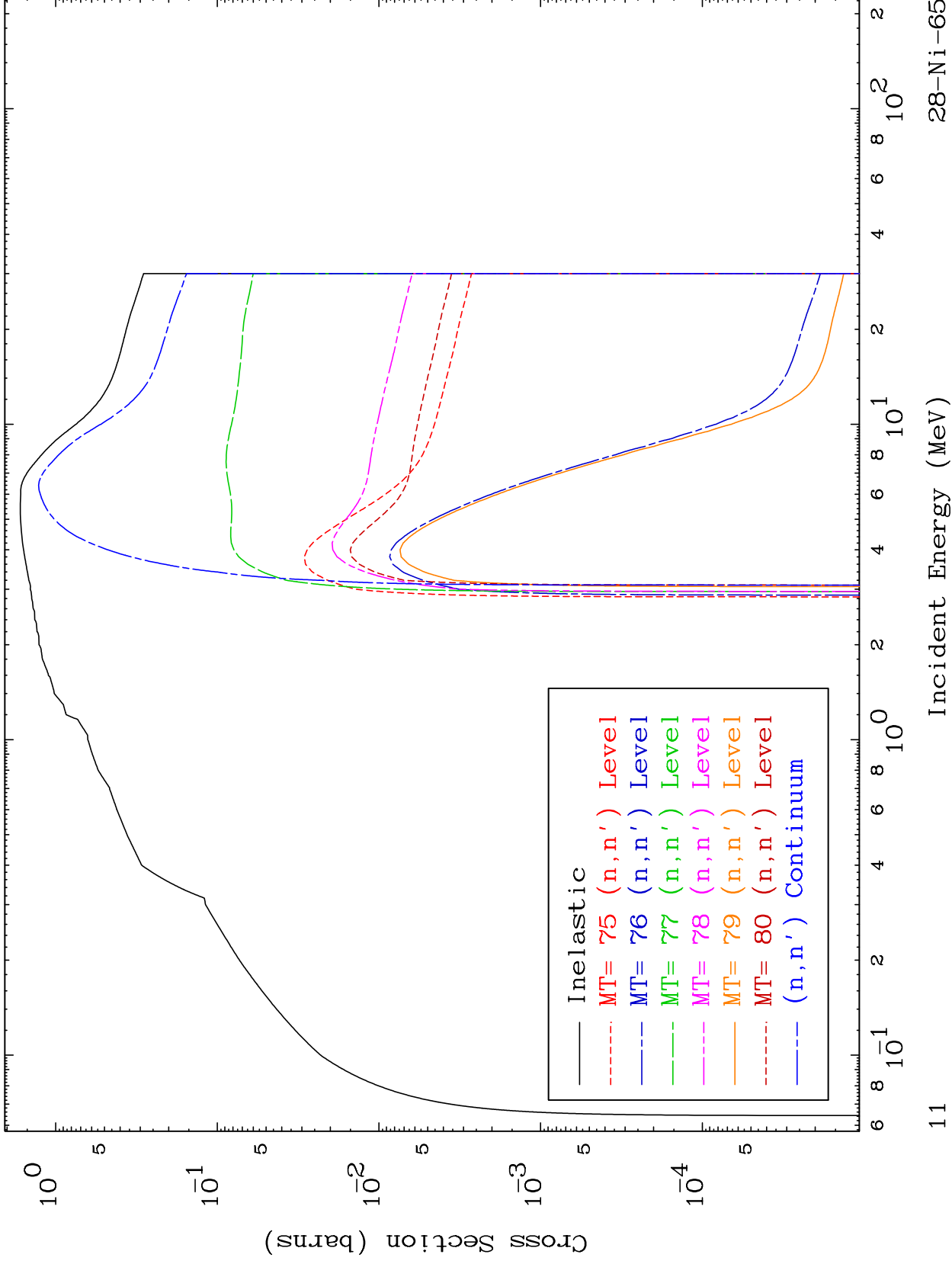


10

MAT 2846

(n,n') Levels
293 Kelvin Cross Sections

28-Ni-65

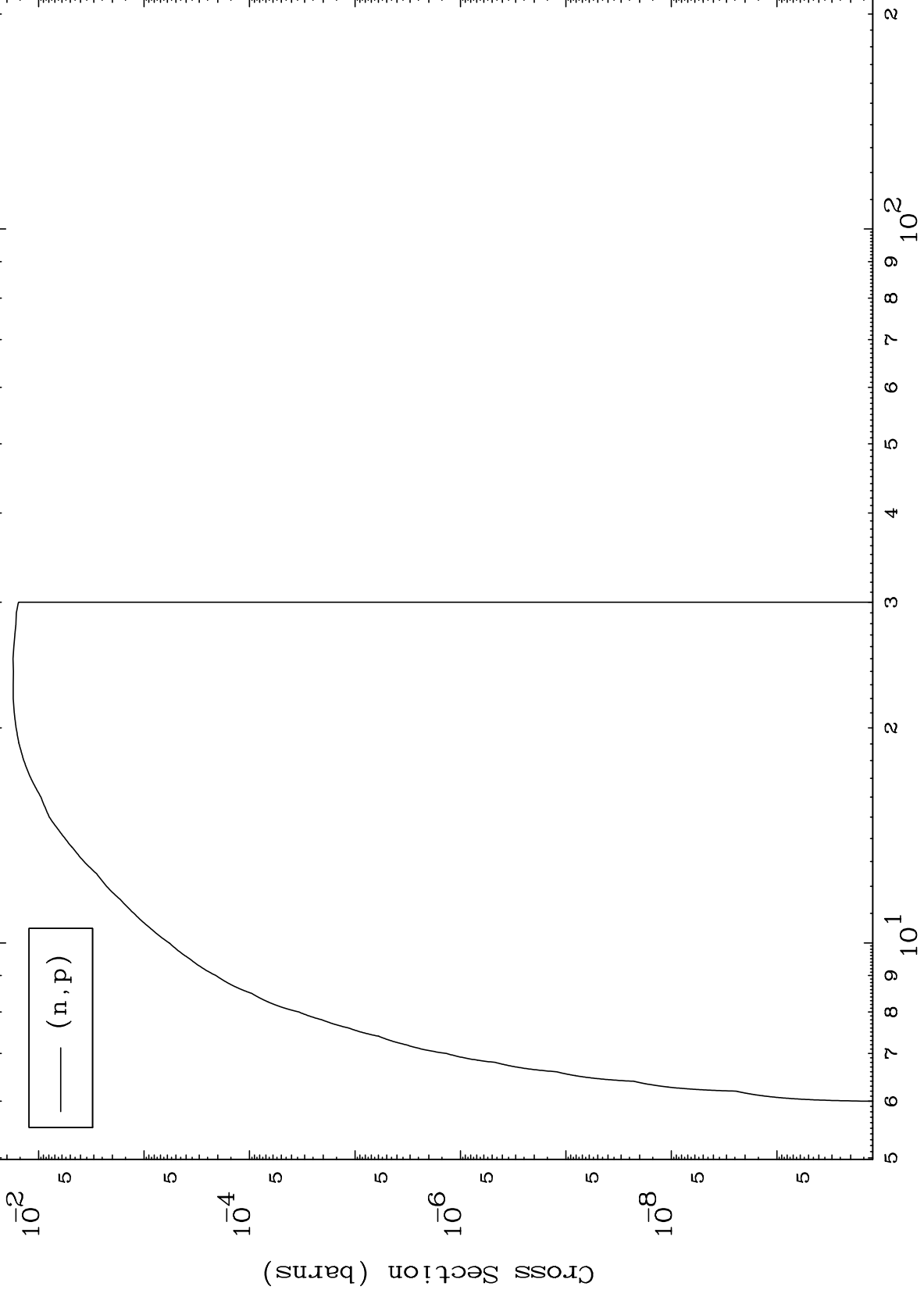


28-Ni-65

MAT 2846

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-65



12

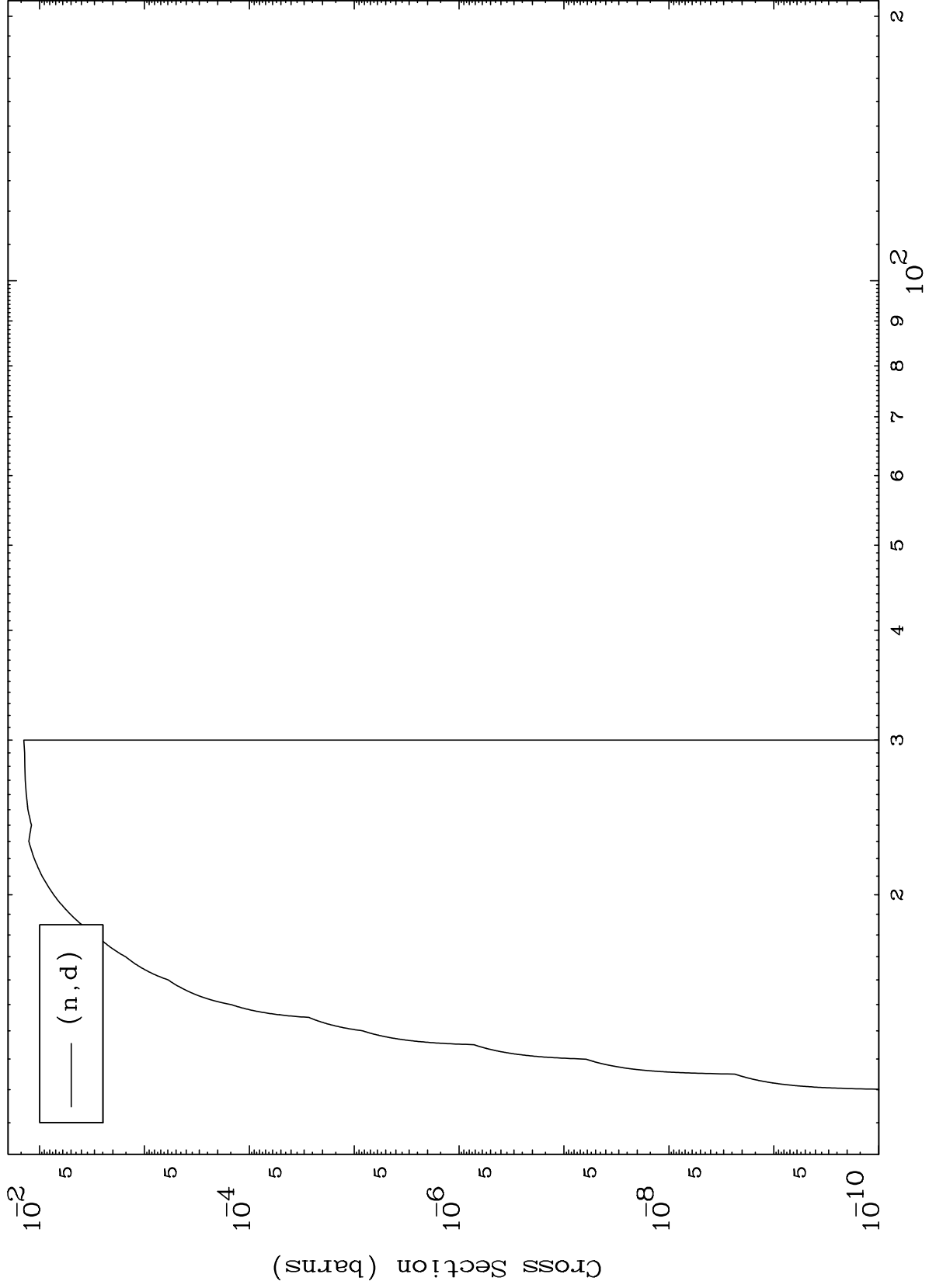
Incident Energy (MeV)

28-Ni-65

MAT 2846

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-65



13

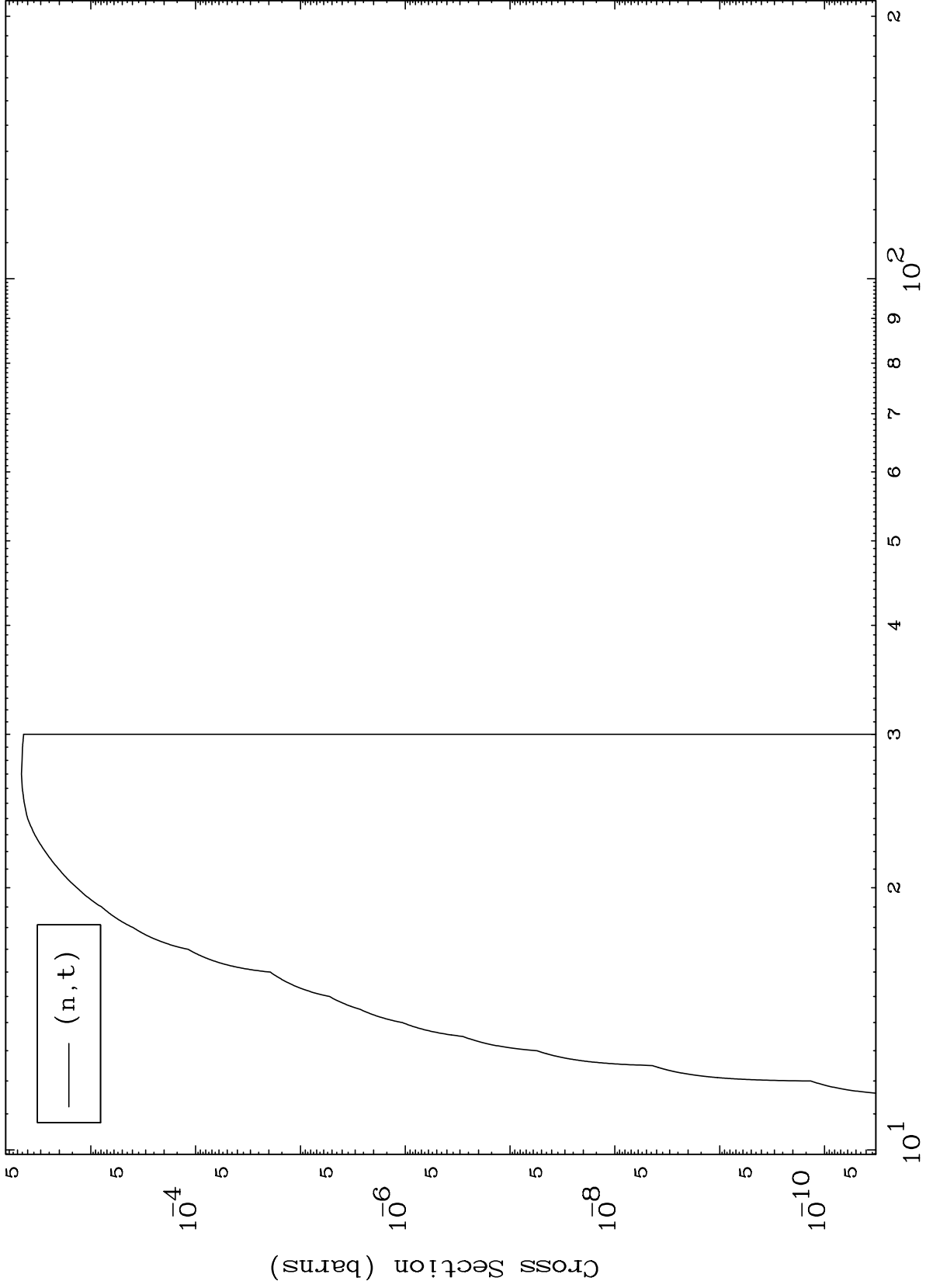
Incident Energy (MeV)

28-Ni-65

MAT 2846

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-65



14

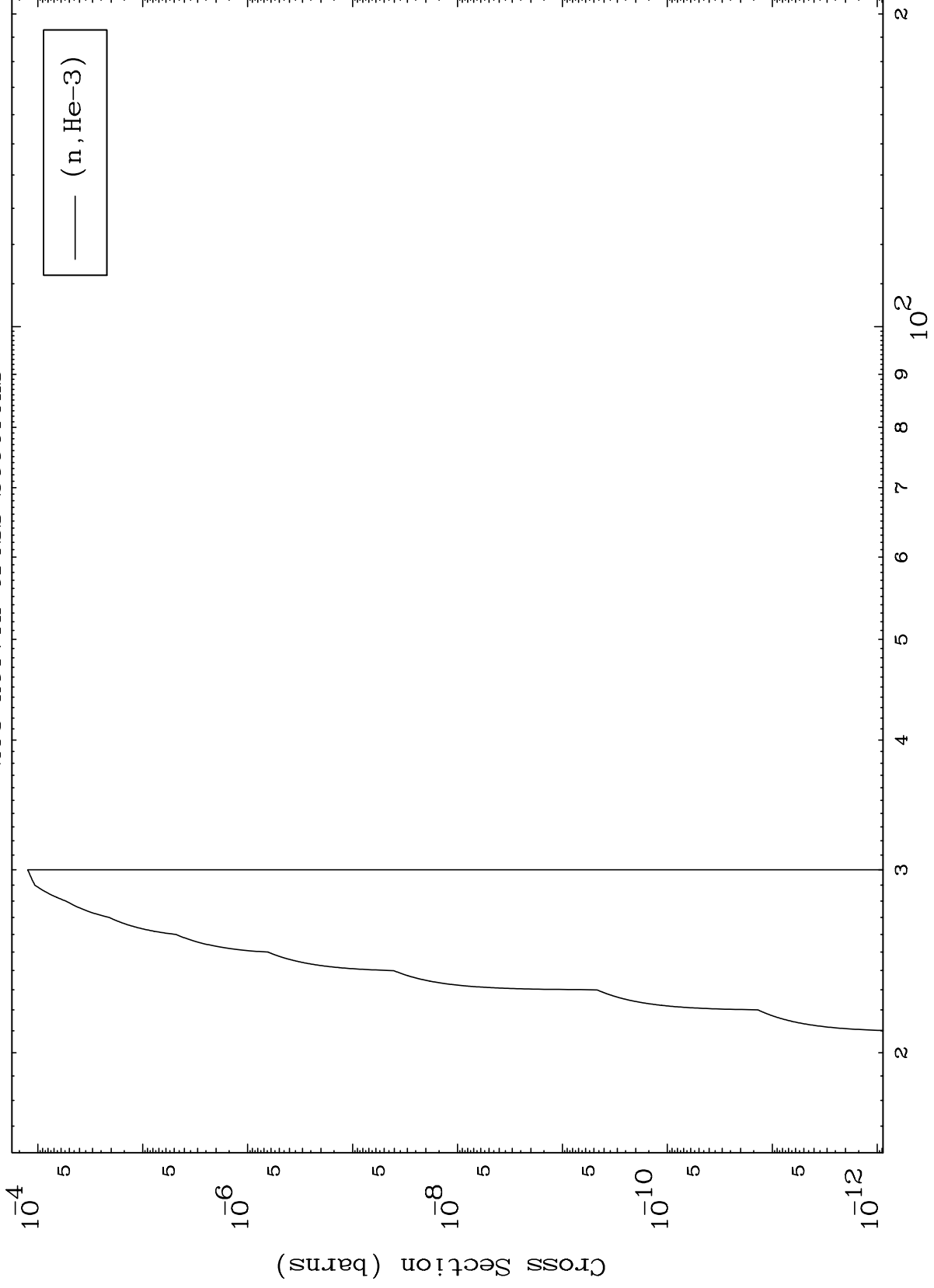
Incident Energy (MeV)

28-Ni-65

MAT 2846

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-65



15

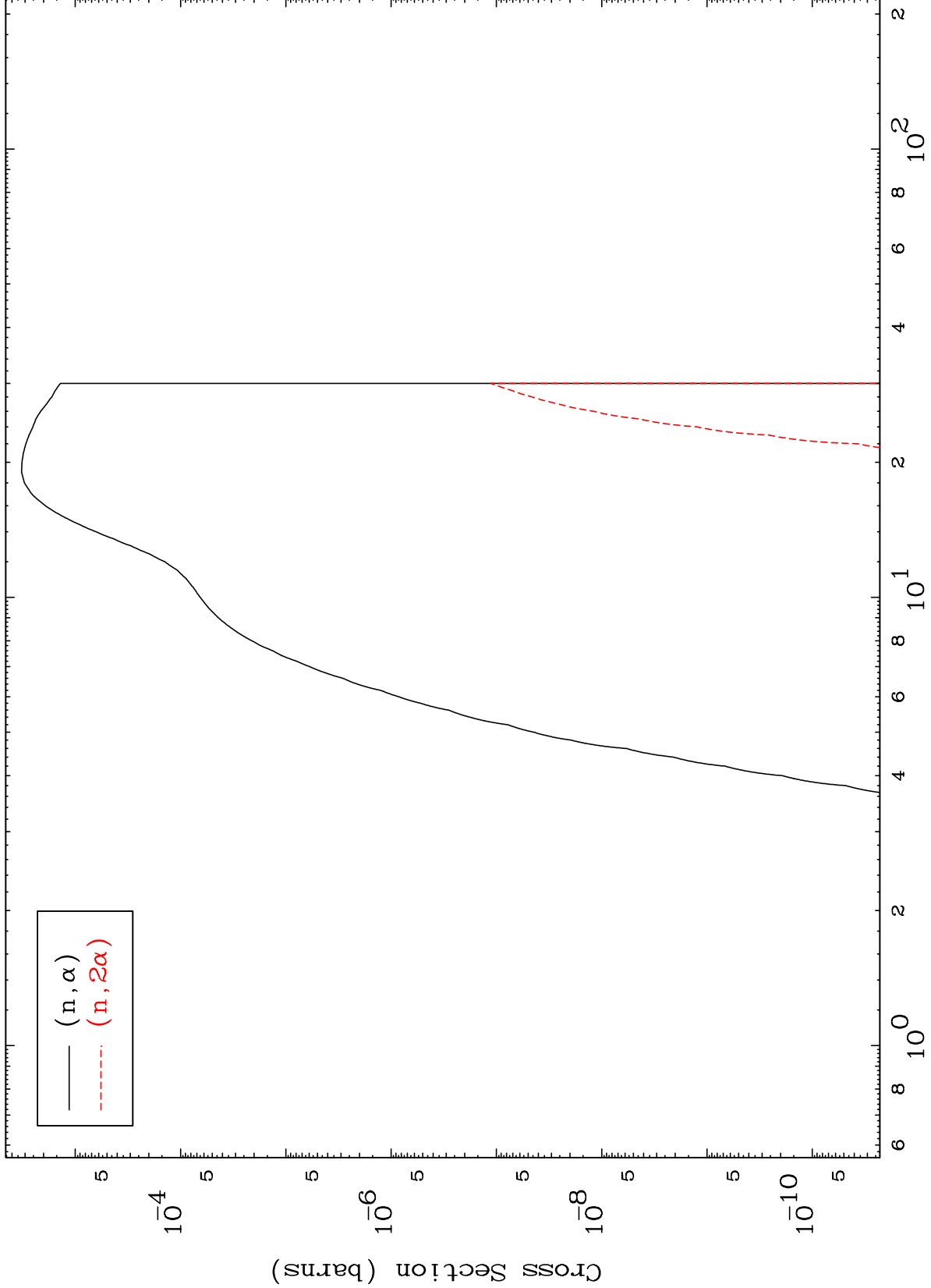
Incident Energy (MeV)

28-Ni-65

MAT 2846

(n, α) Levels
293 Kelvin Cross Sections

28-Ni-65



— (n, α)
- - - (n, 2α)

16

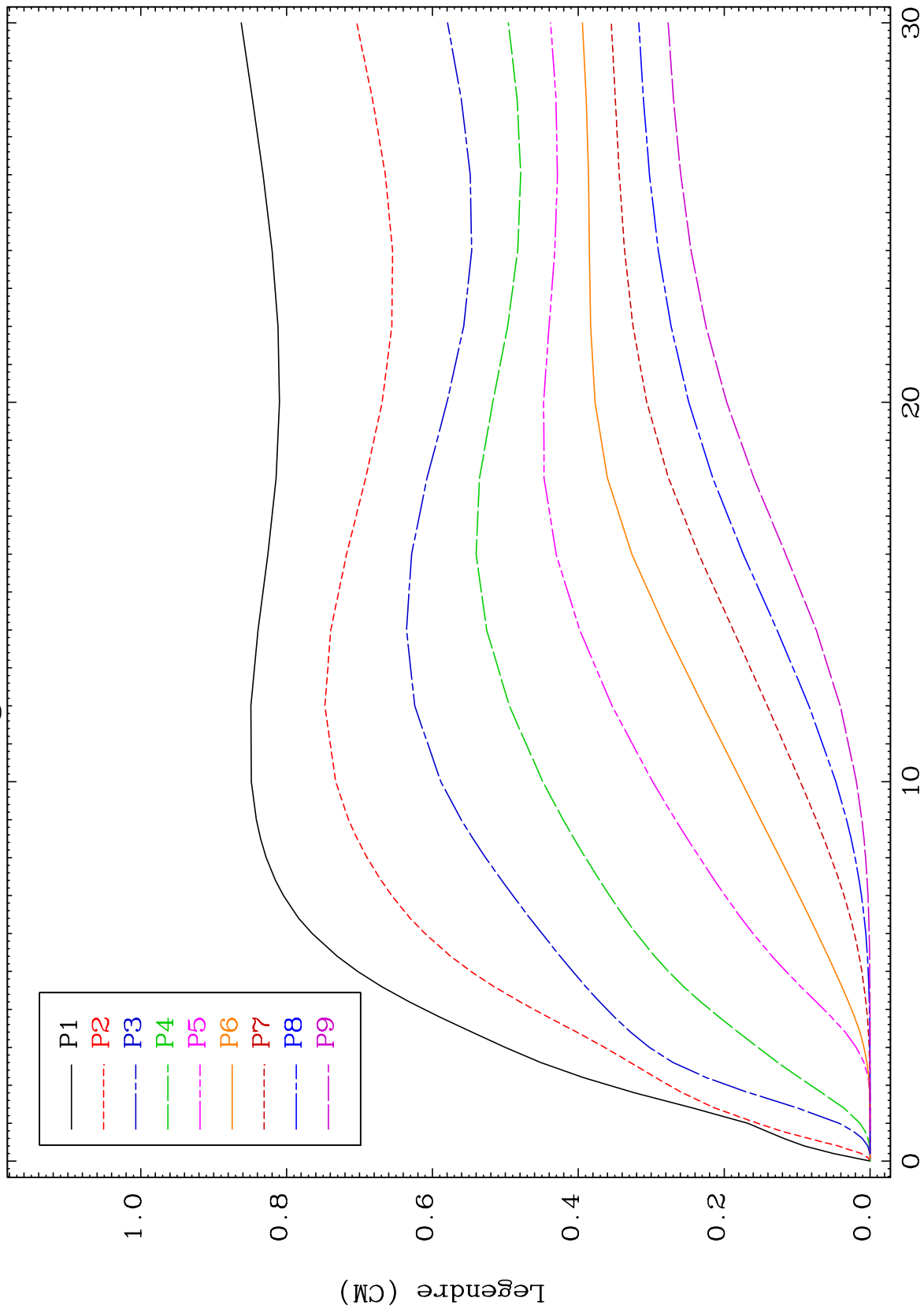
Incident Energy (MeV)

28-Ni-65

MAT 2846

Elastic Legendre Coefficients

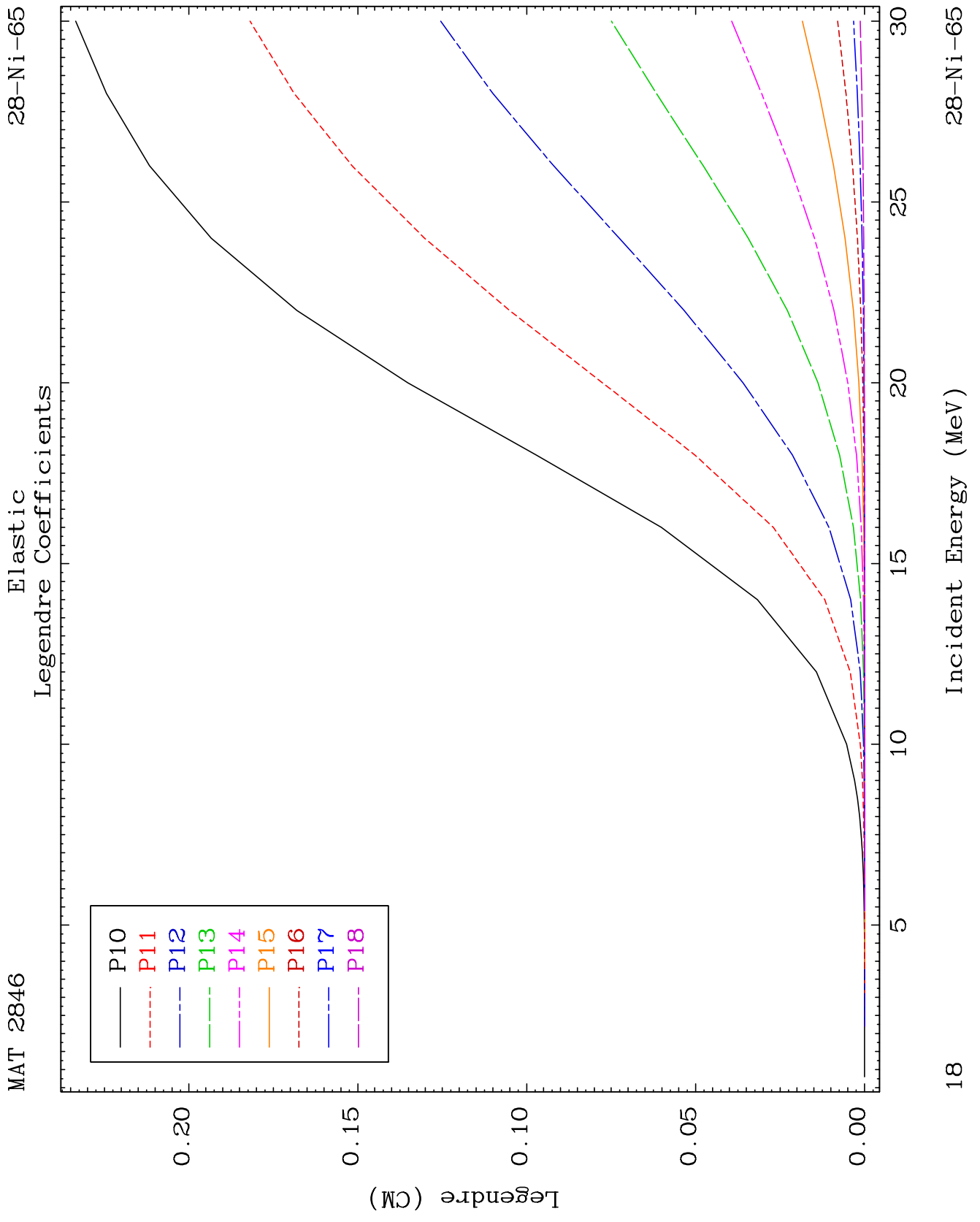
28-Ni-65



17

Incident Energy (MeV)

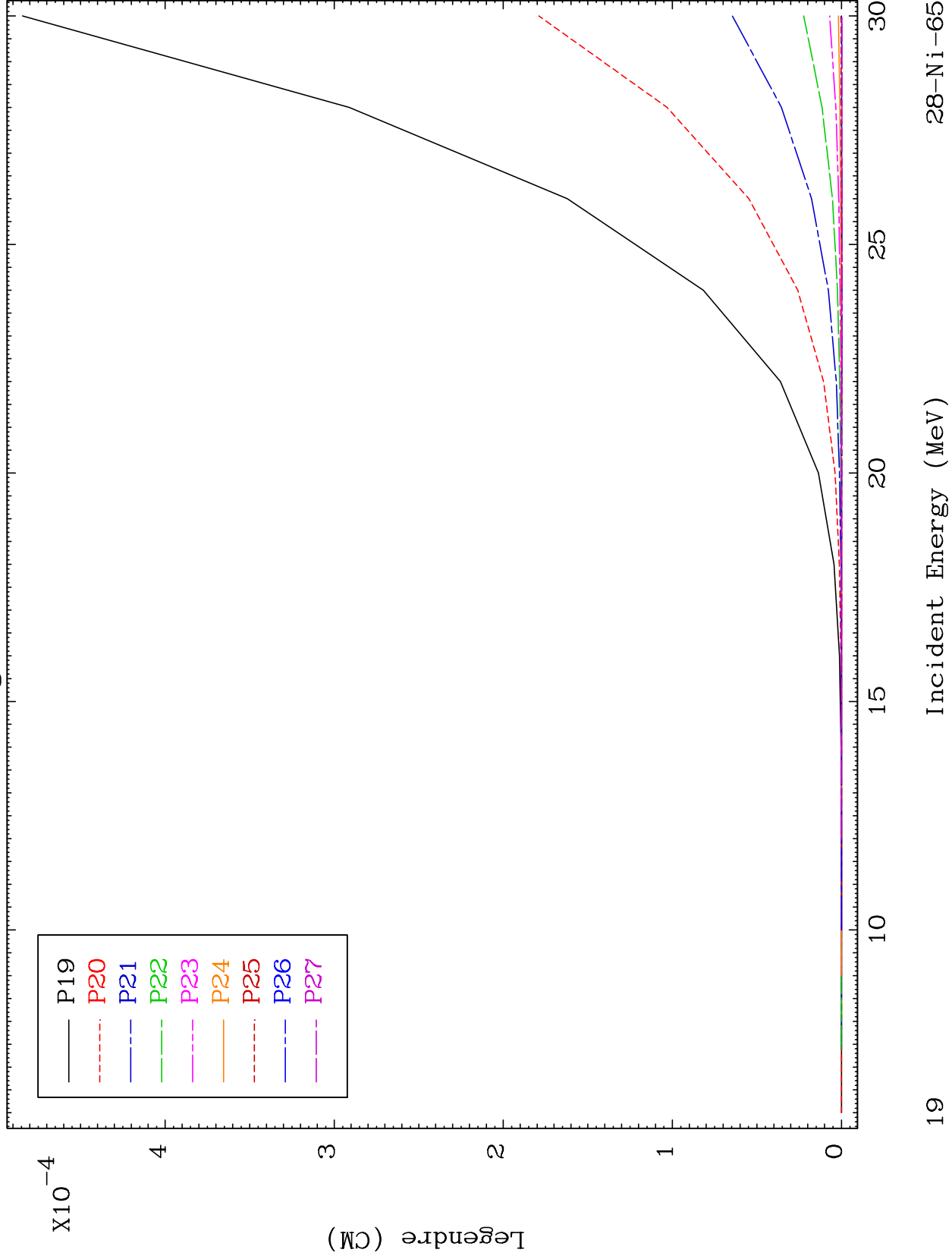
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MAT 2846

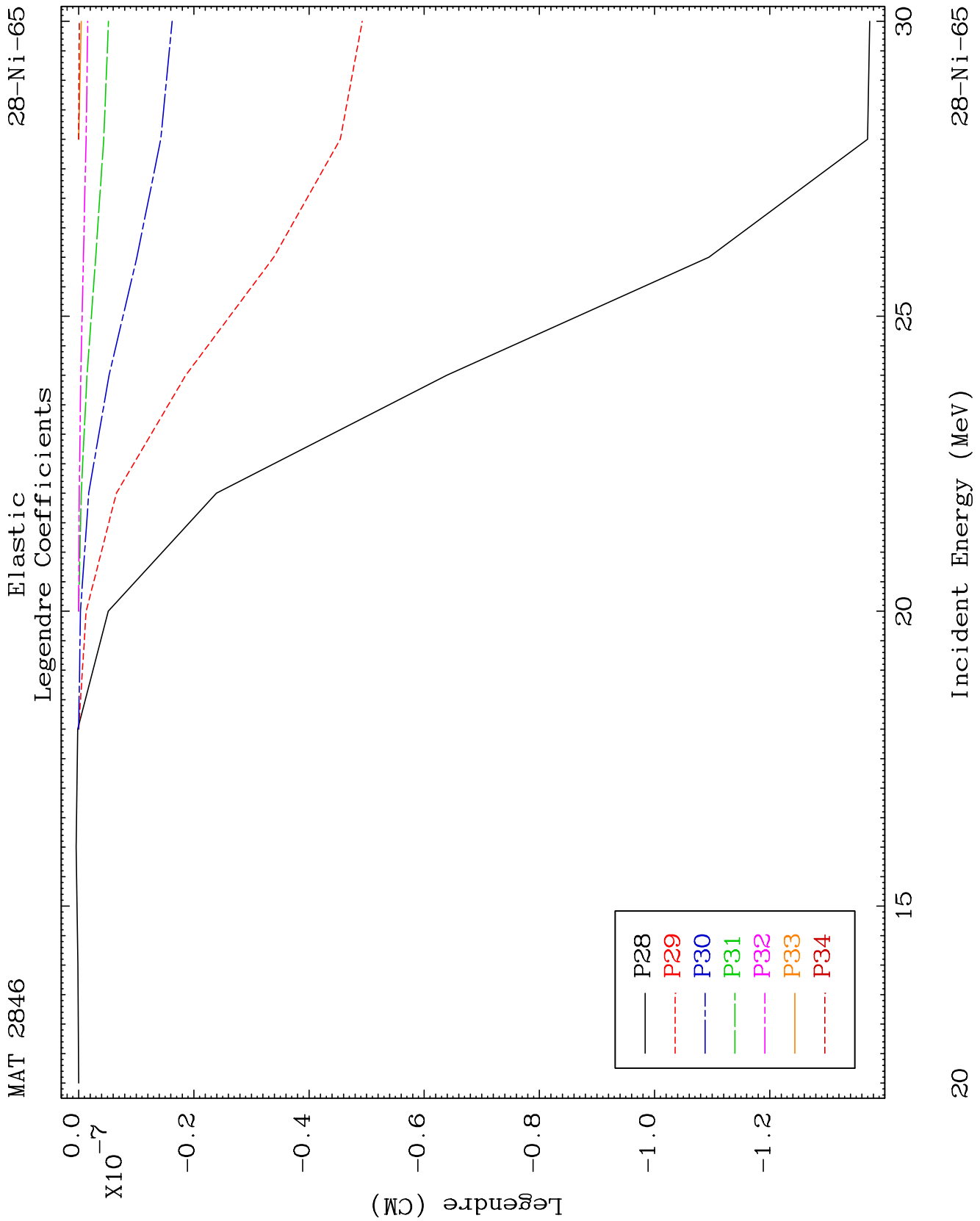
Elastic Legendre Coefficients

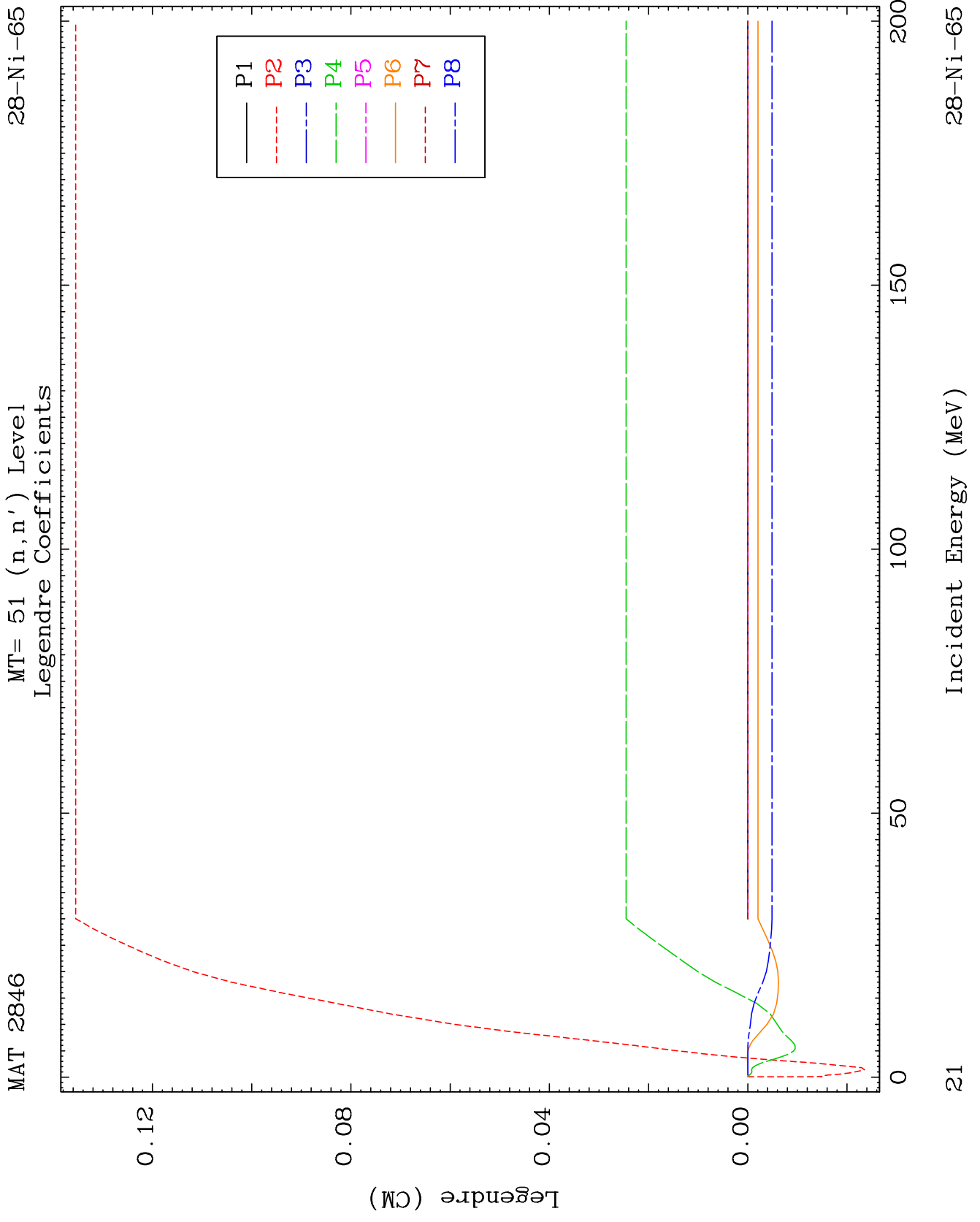
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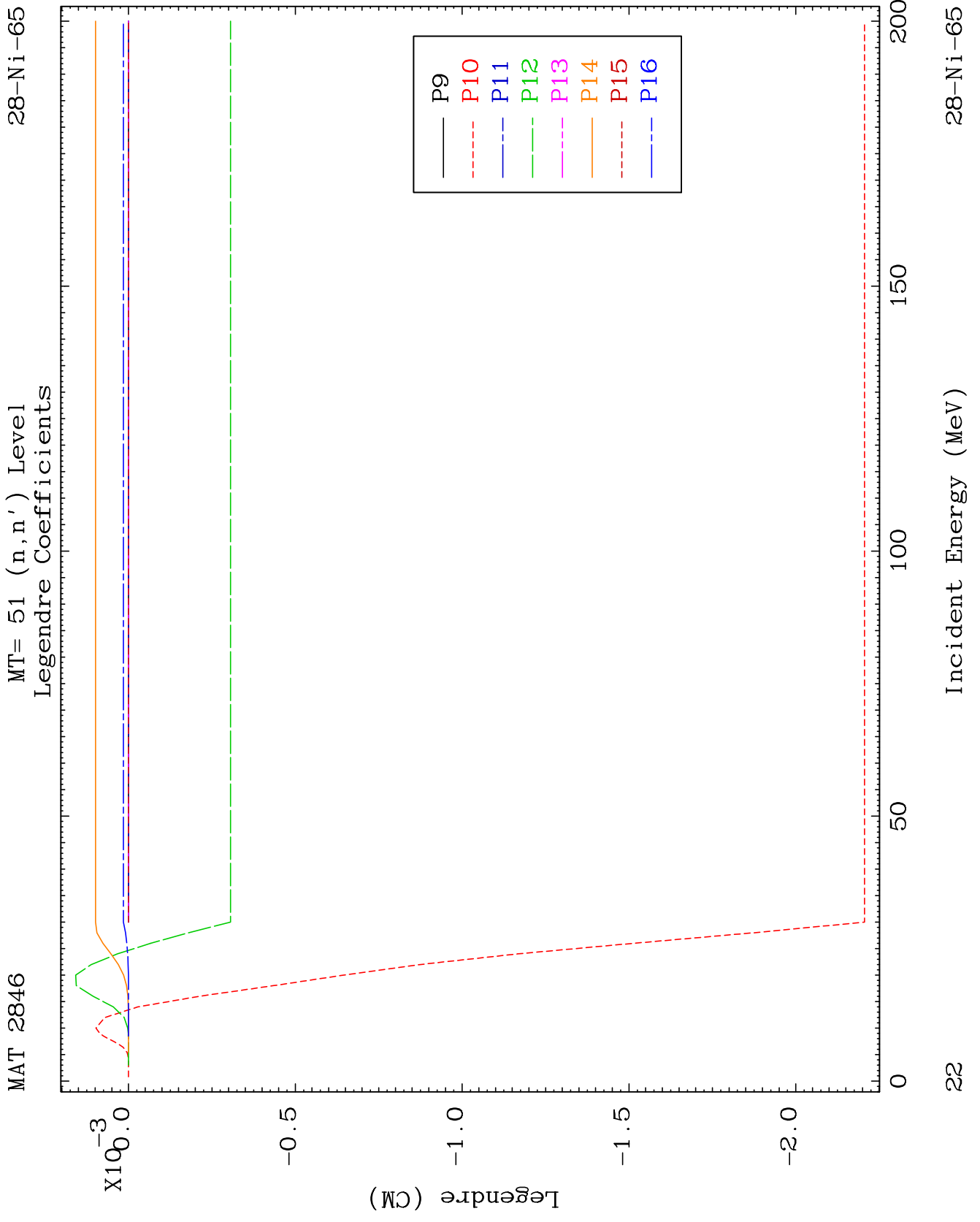


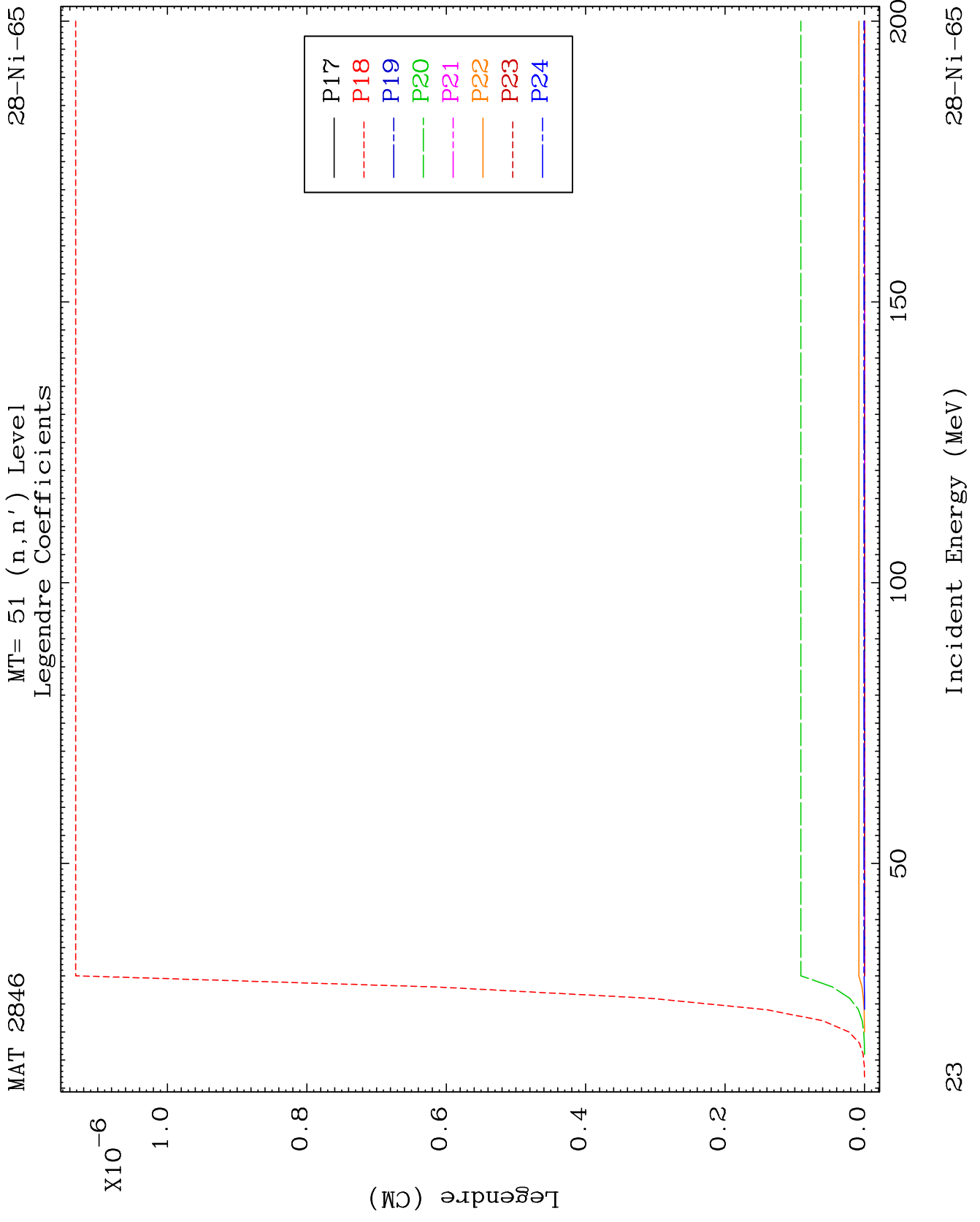
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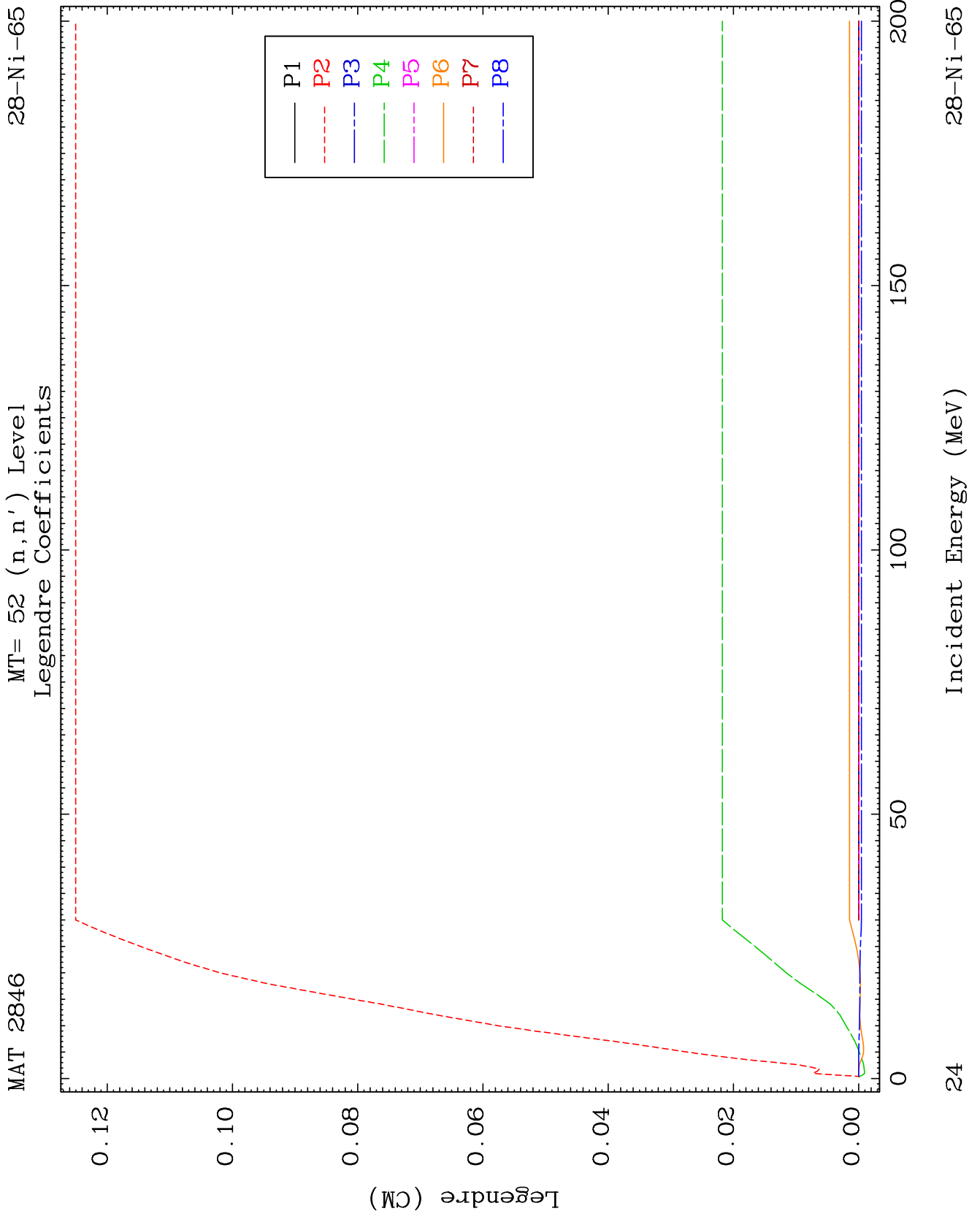
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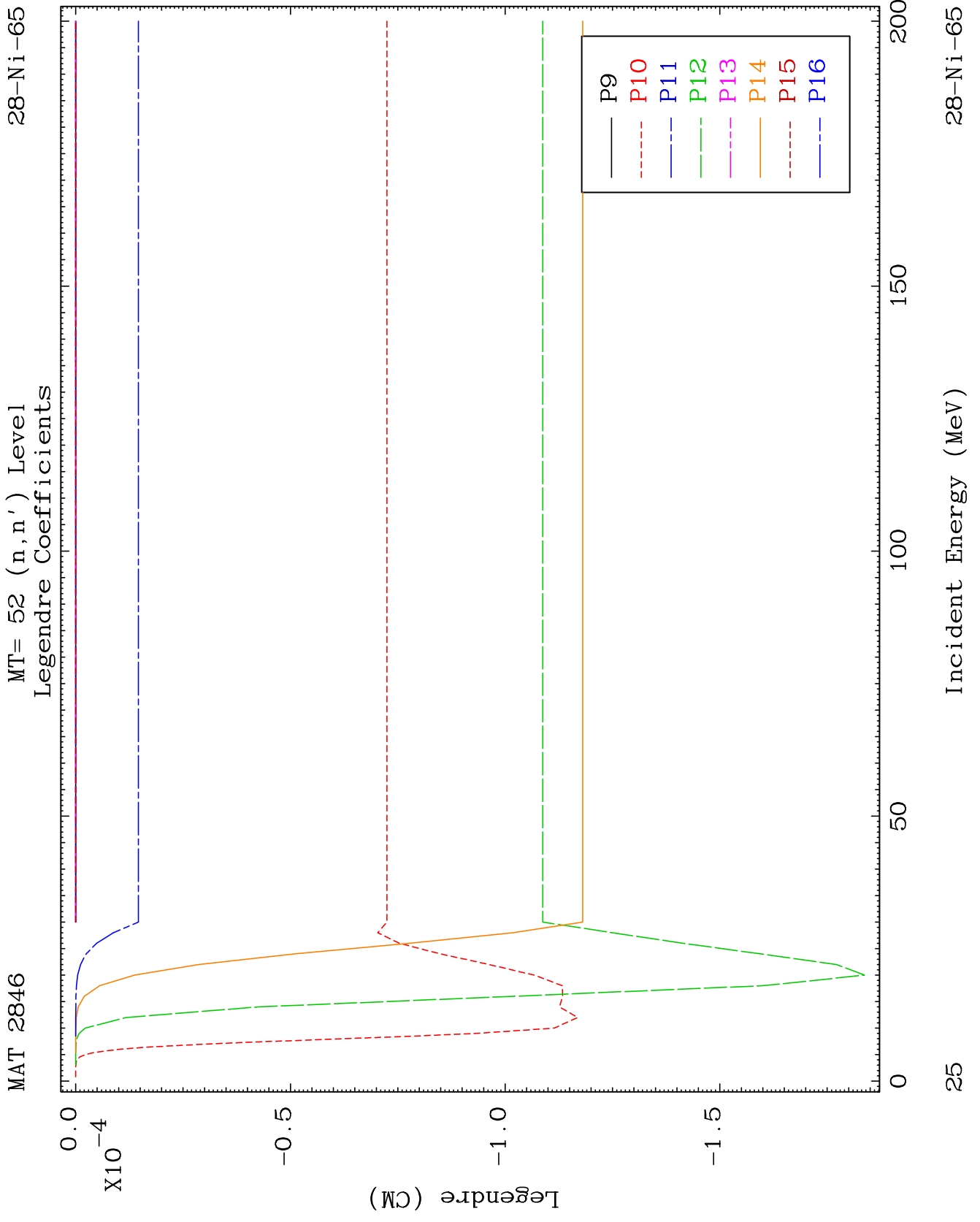


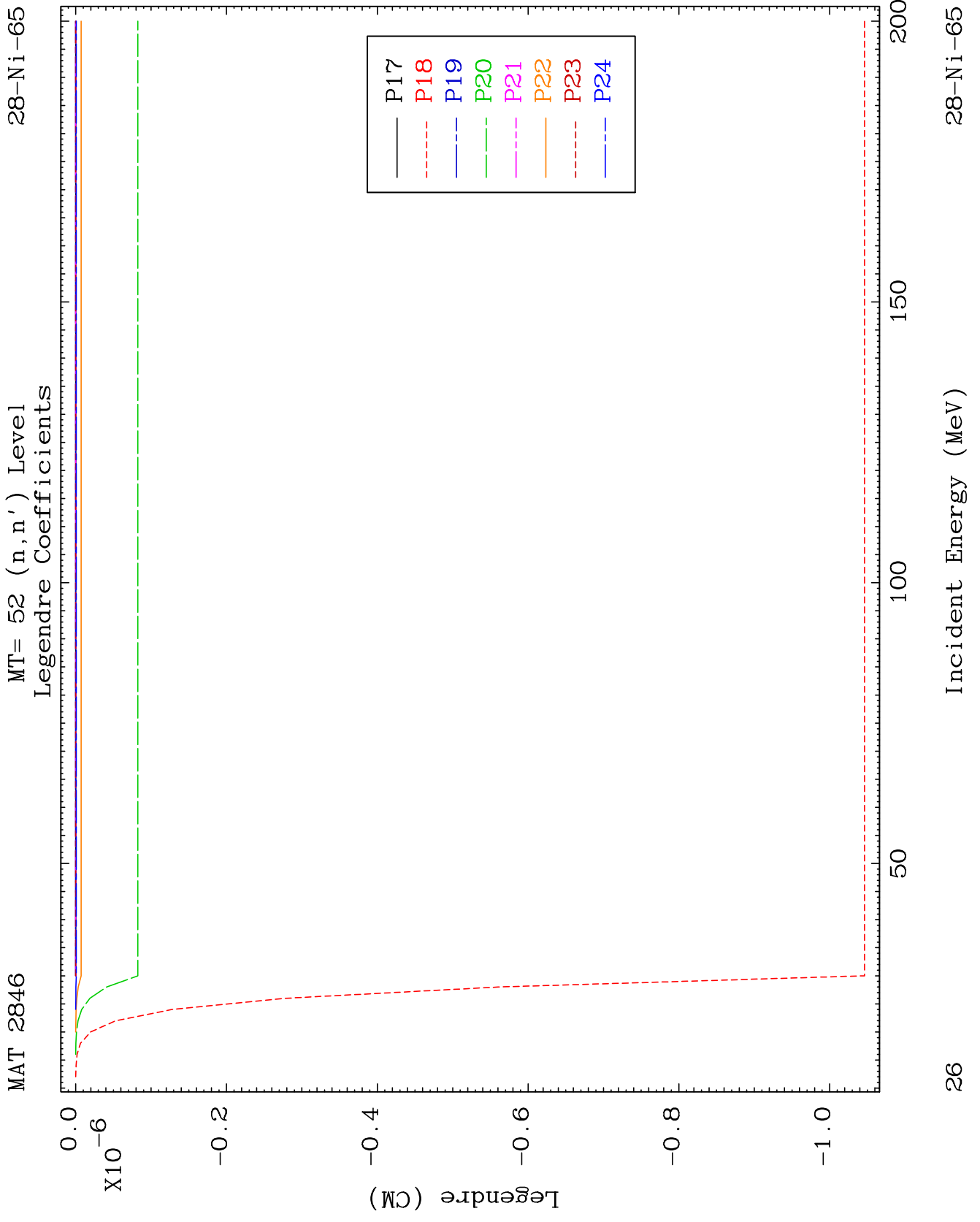


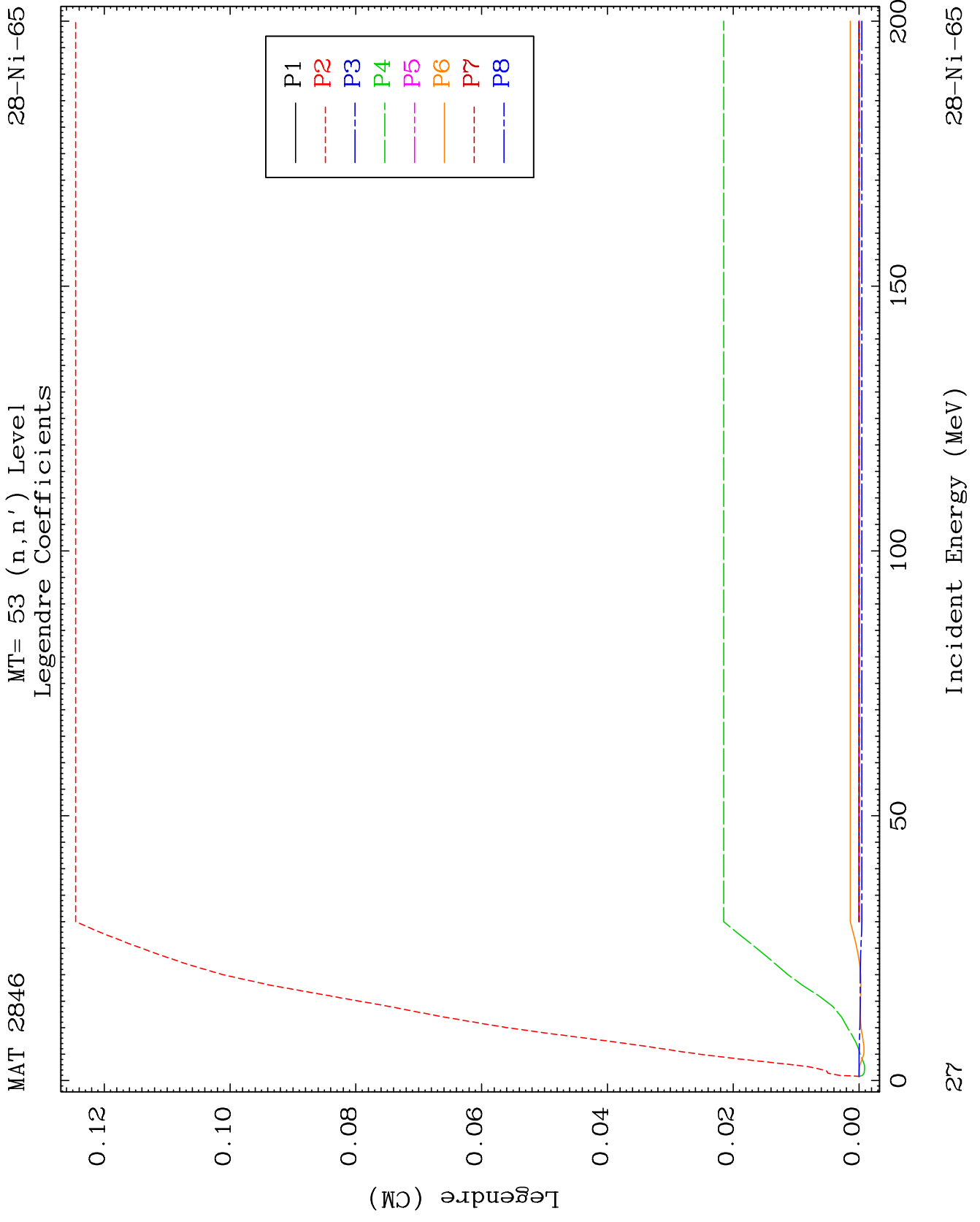


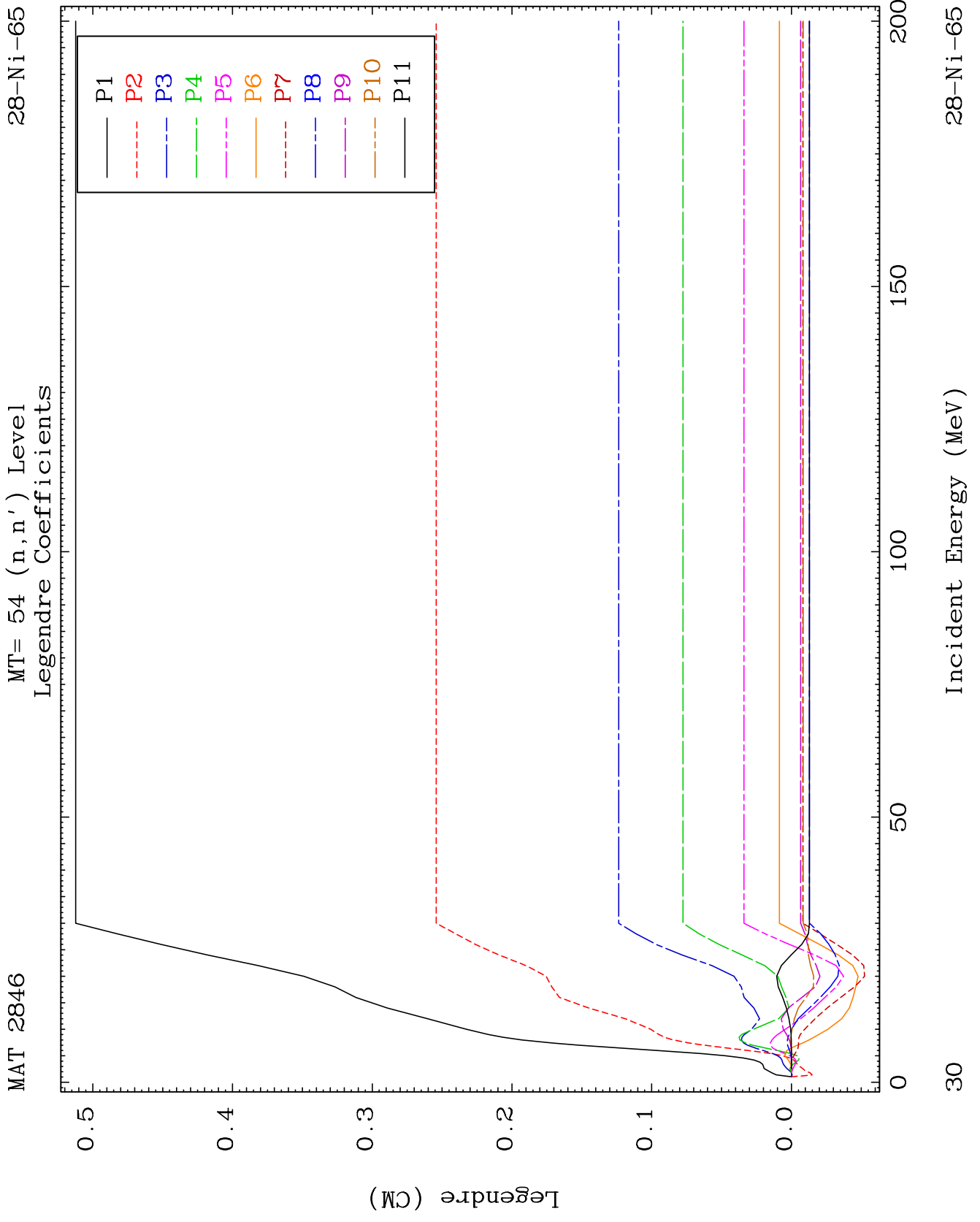








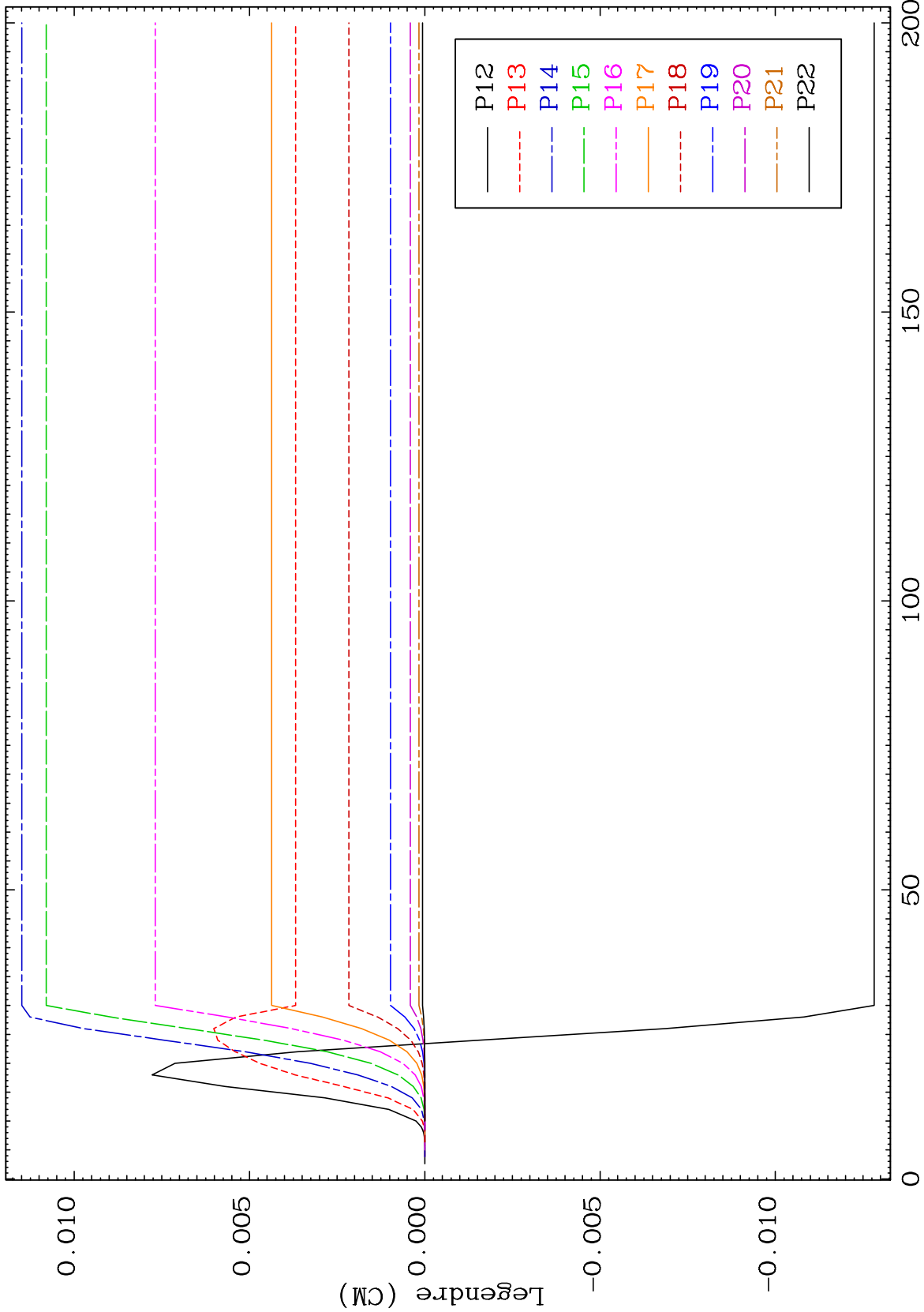




MAT 2846

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

28-Ni-65



31

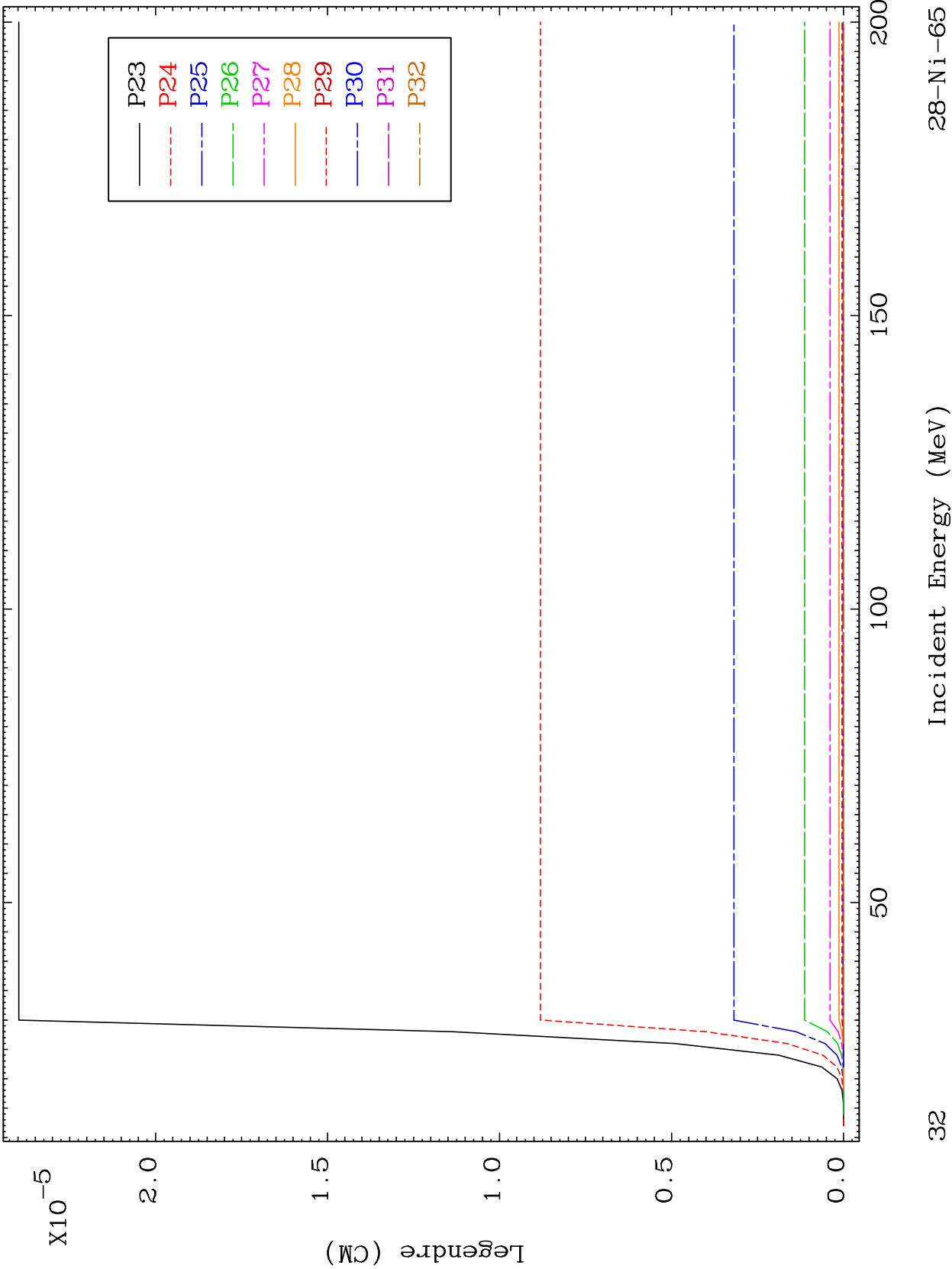
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



32

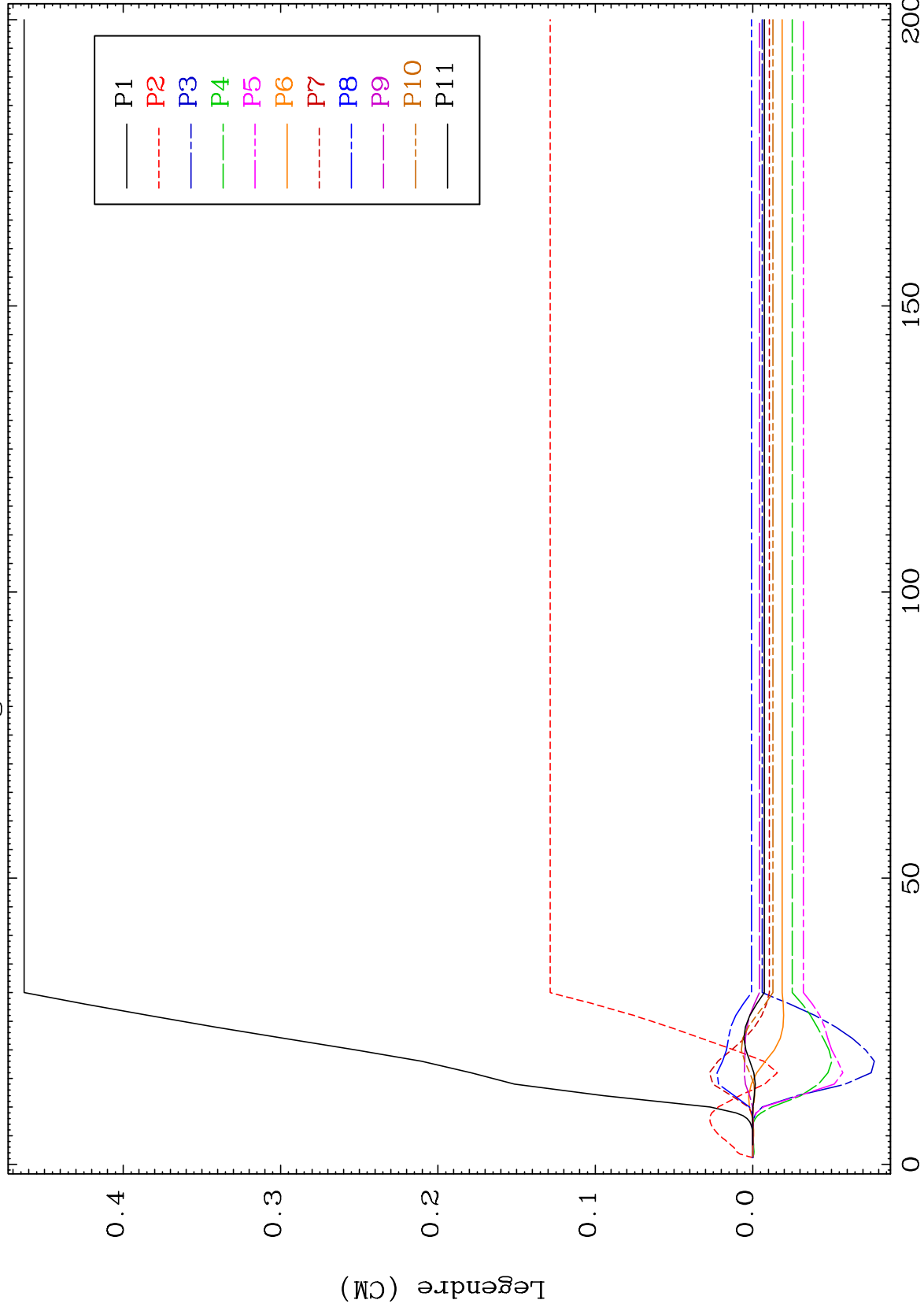
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



33

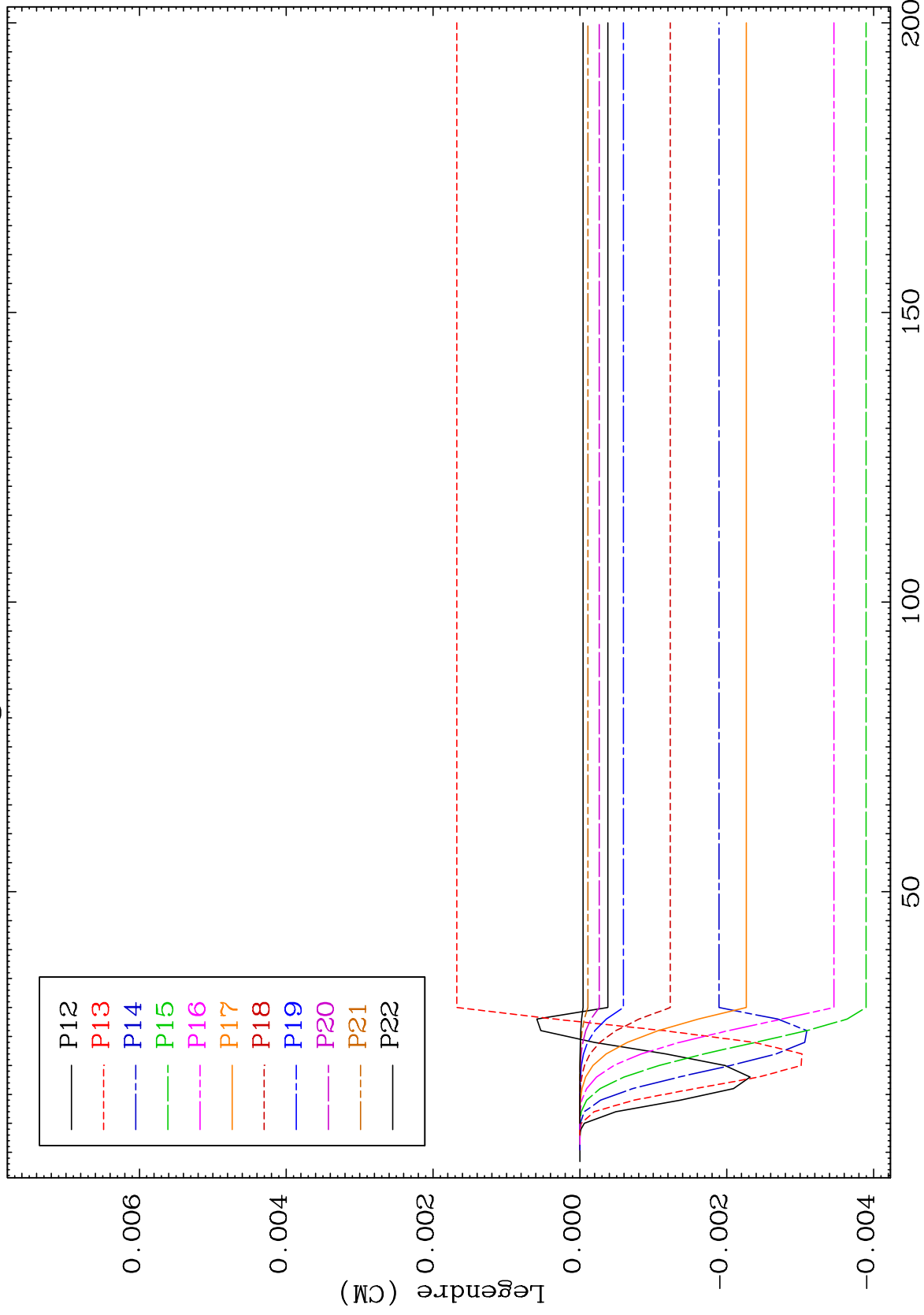
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

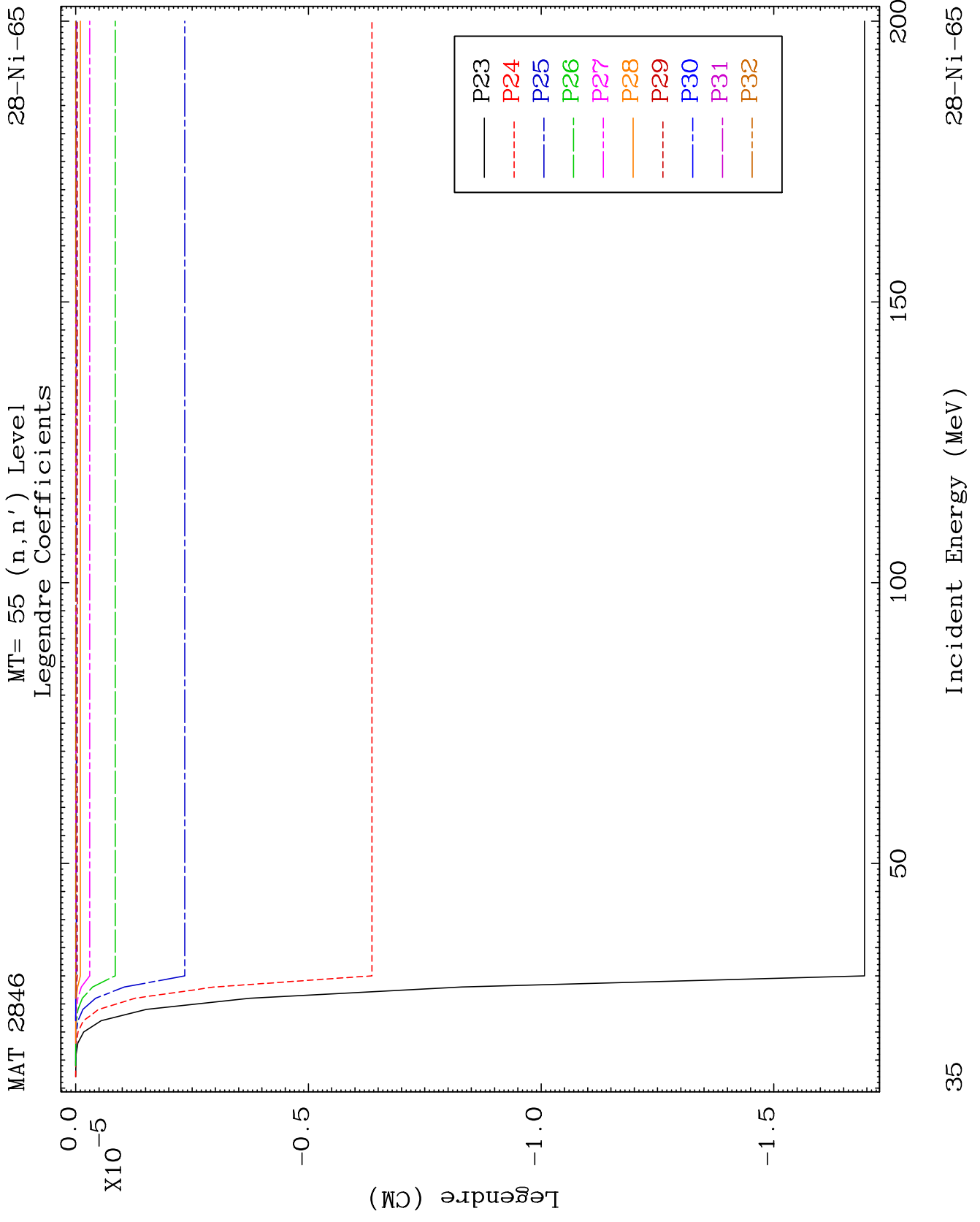
28-Ni-65



34

Incident Energy (MeV)

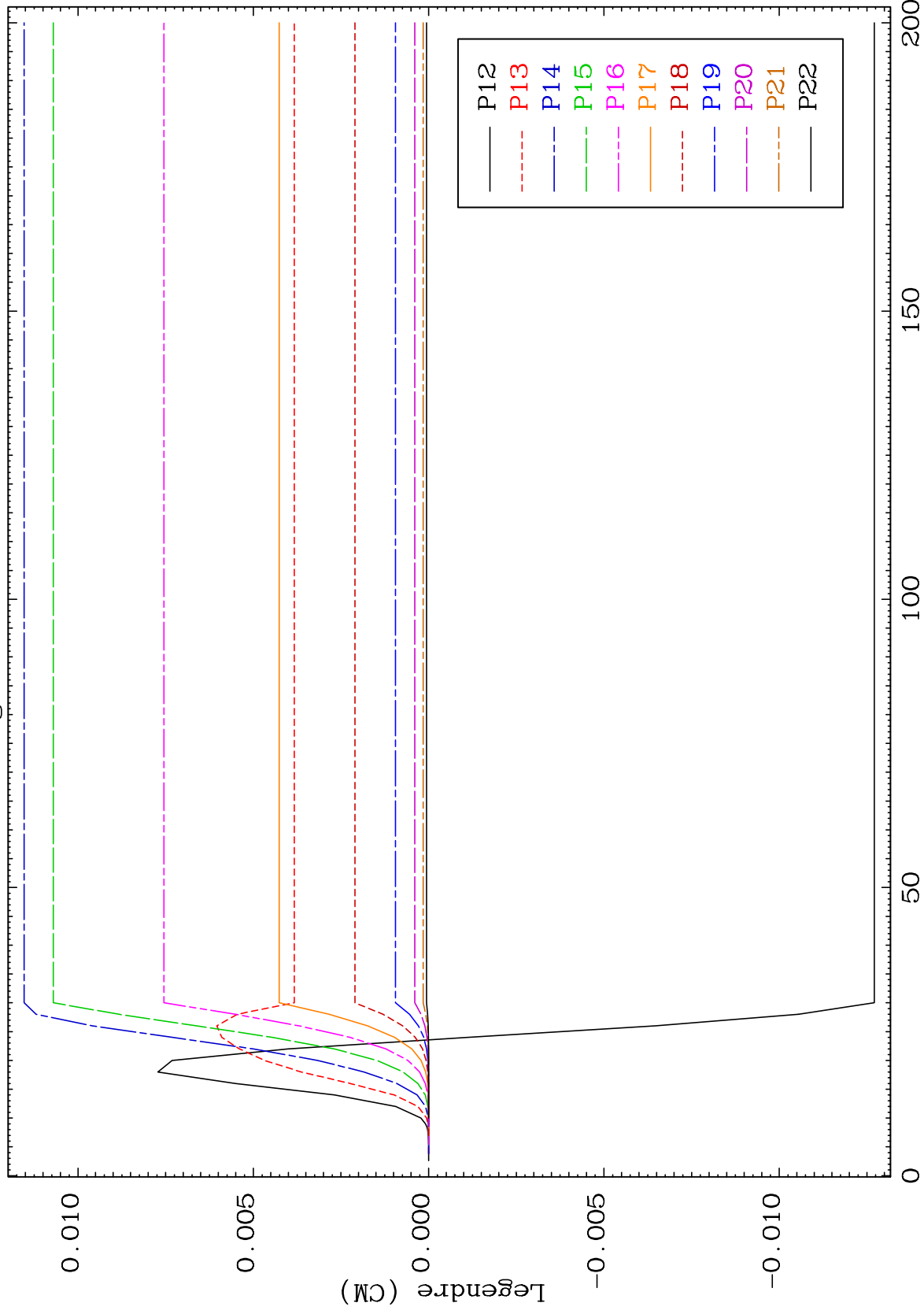
28-Ni-65



MAT 2846

MT= 56 (n,n') Level
Legendre Coefficients

28-Ni-65



37

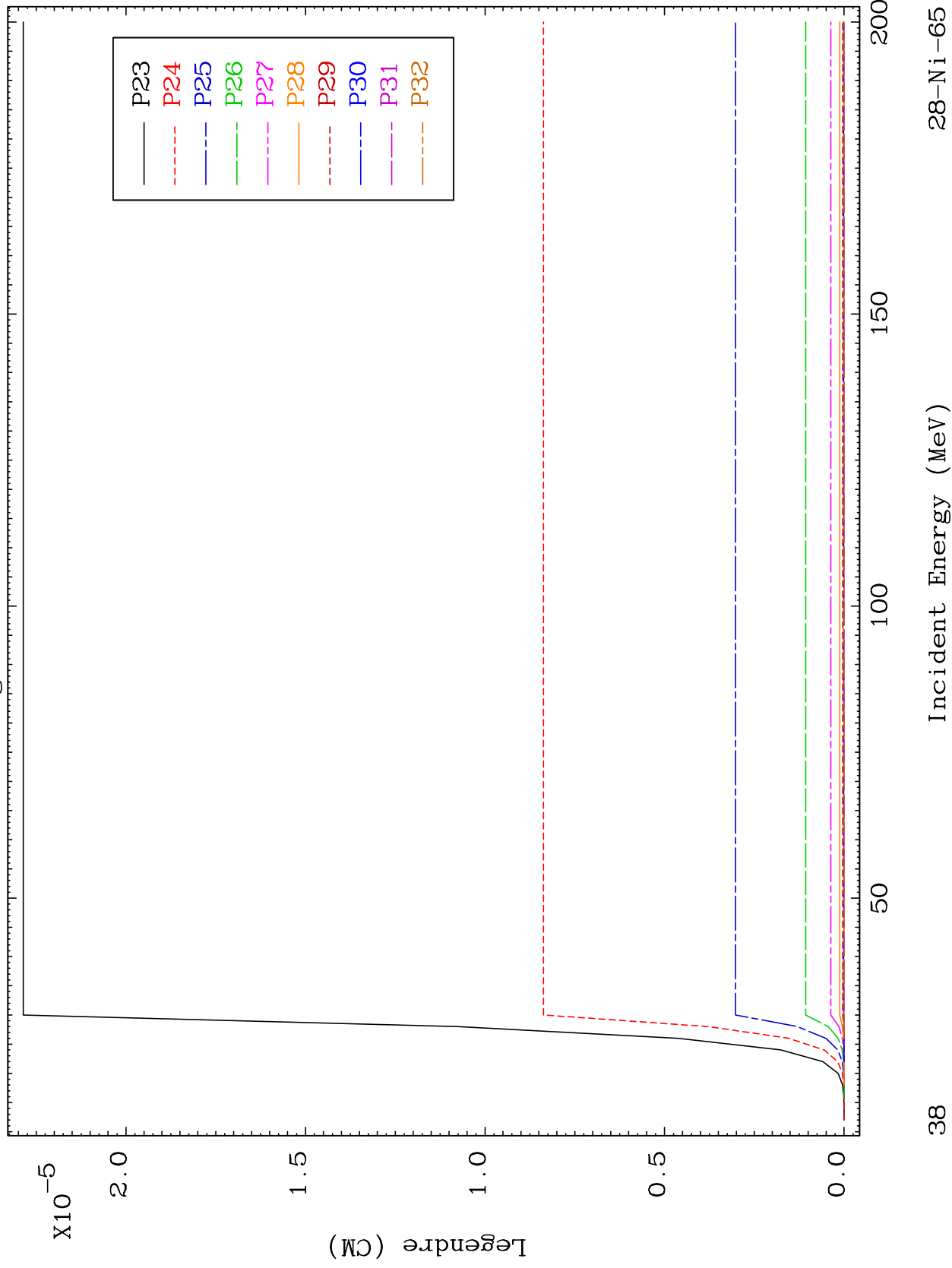
Incident Energy (MeV)

28-Ni-65

MAT 2846

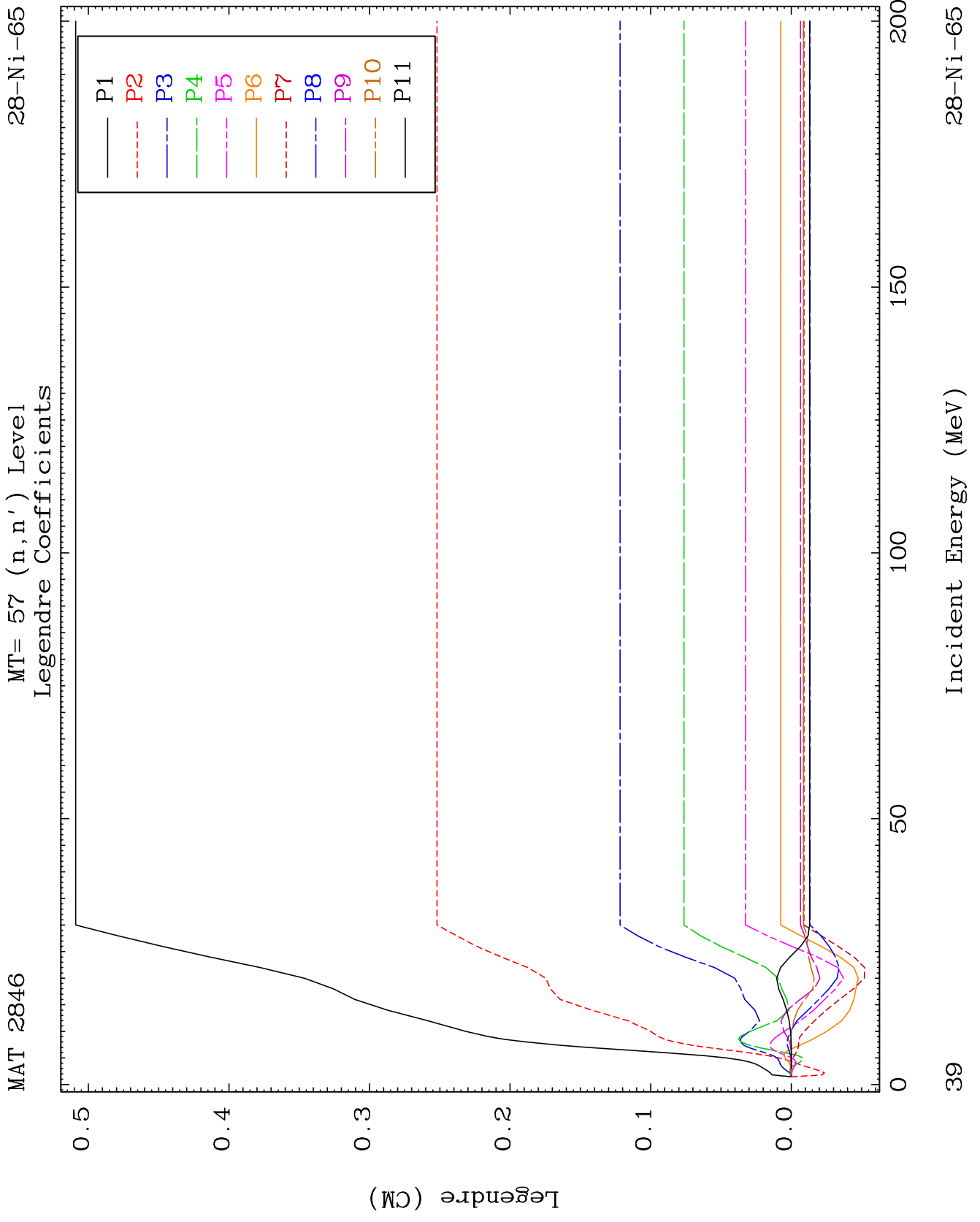
MT= 56 (n,n') Level
Legendre Coefficients

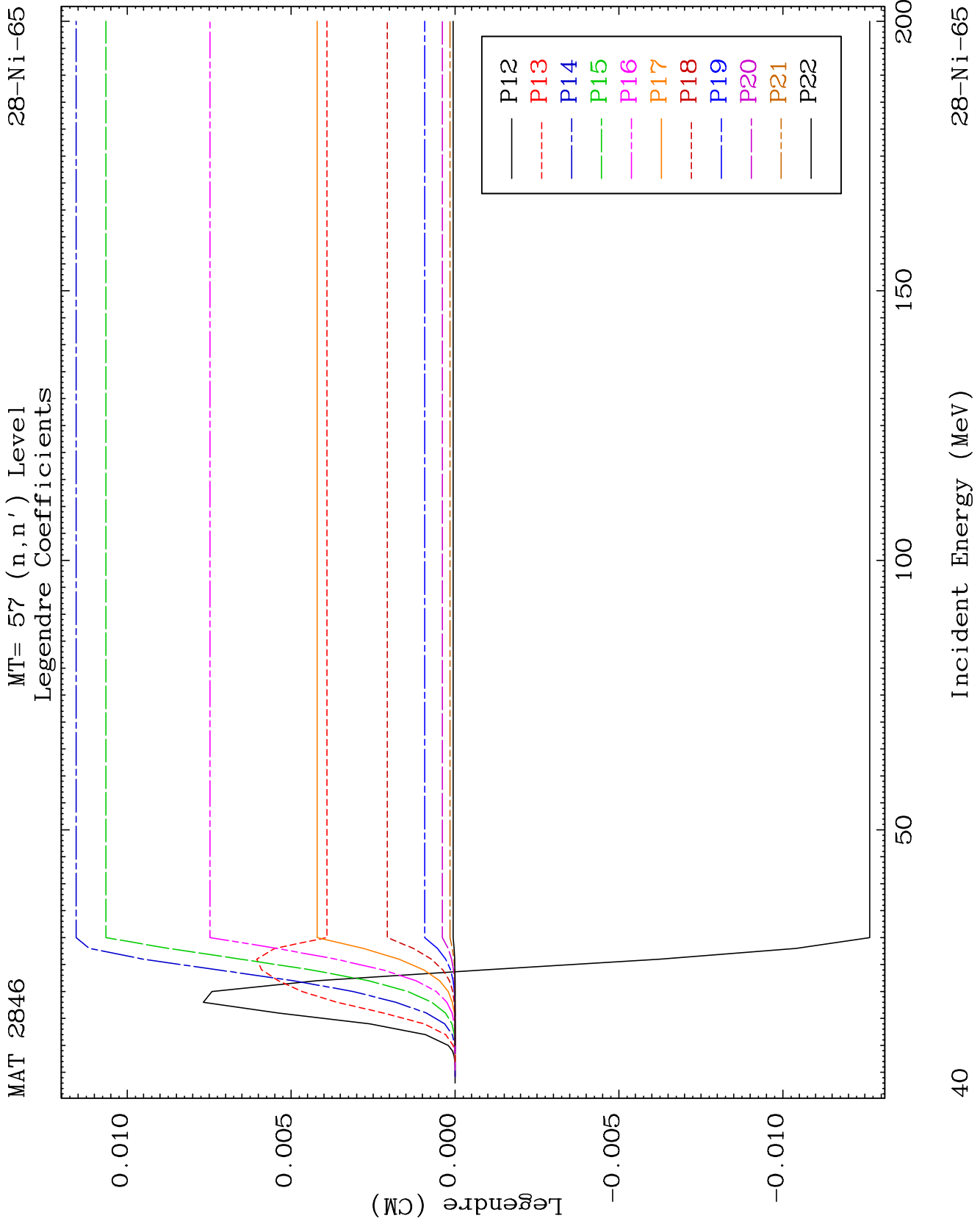
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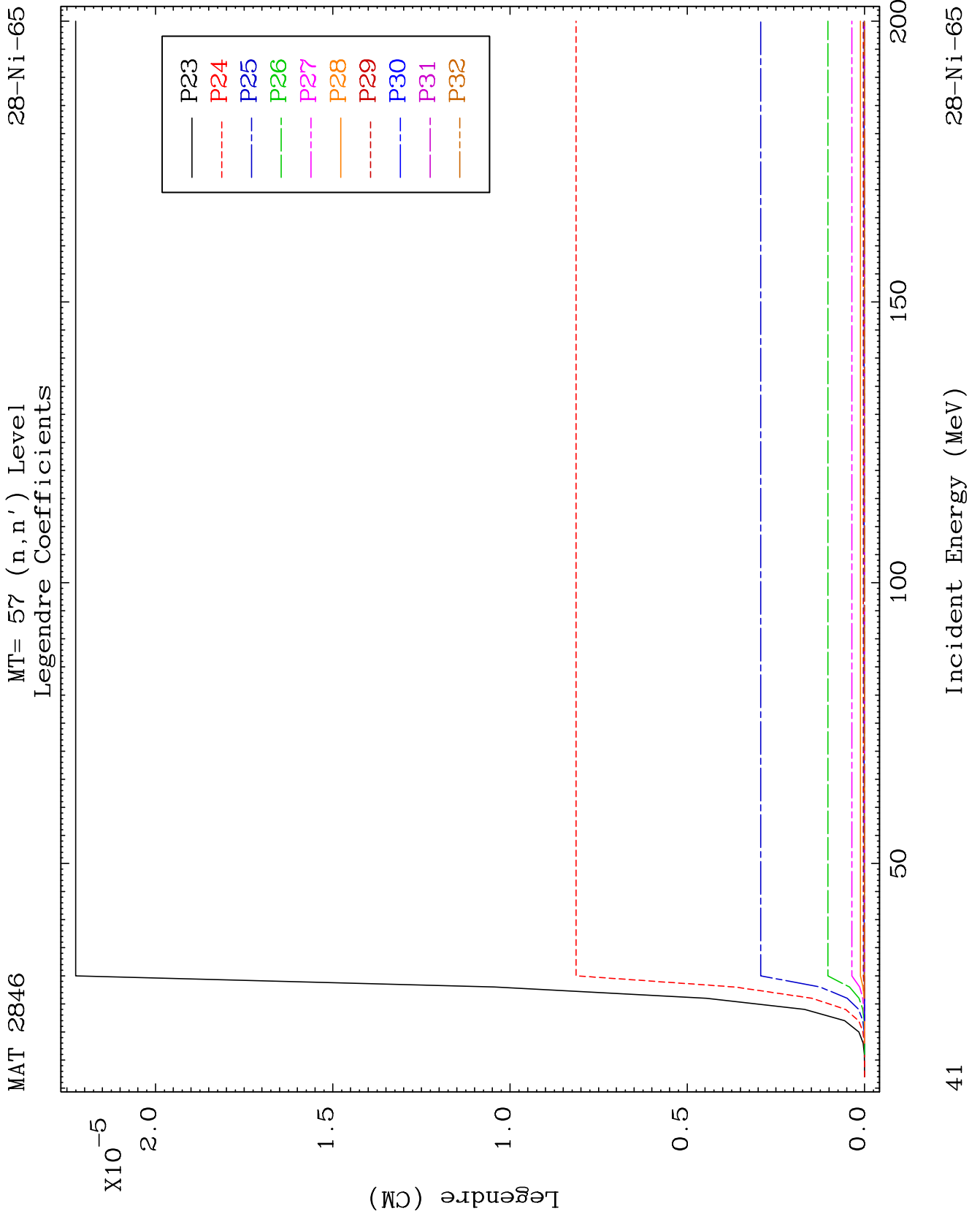


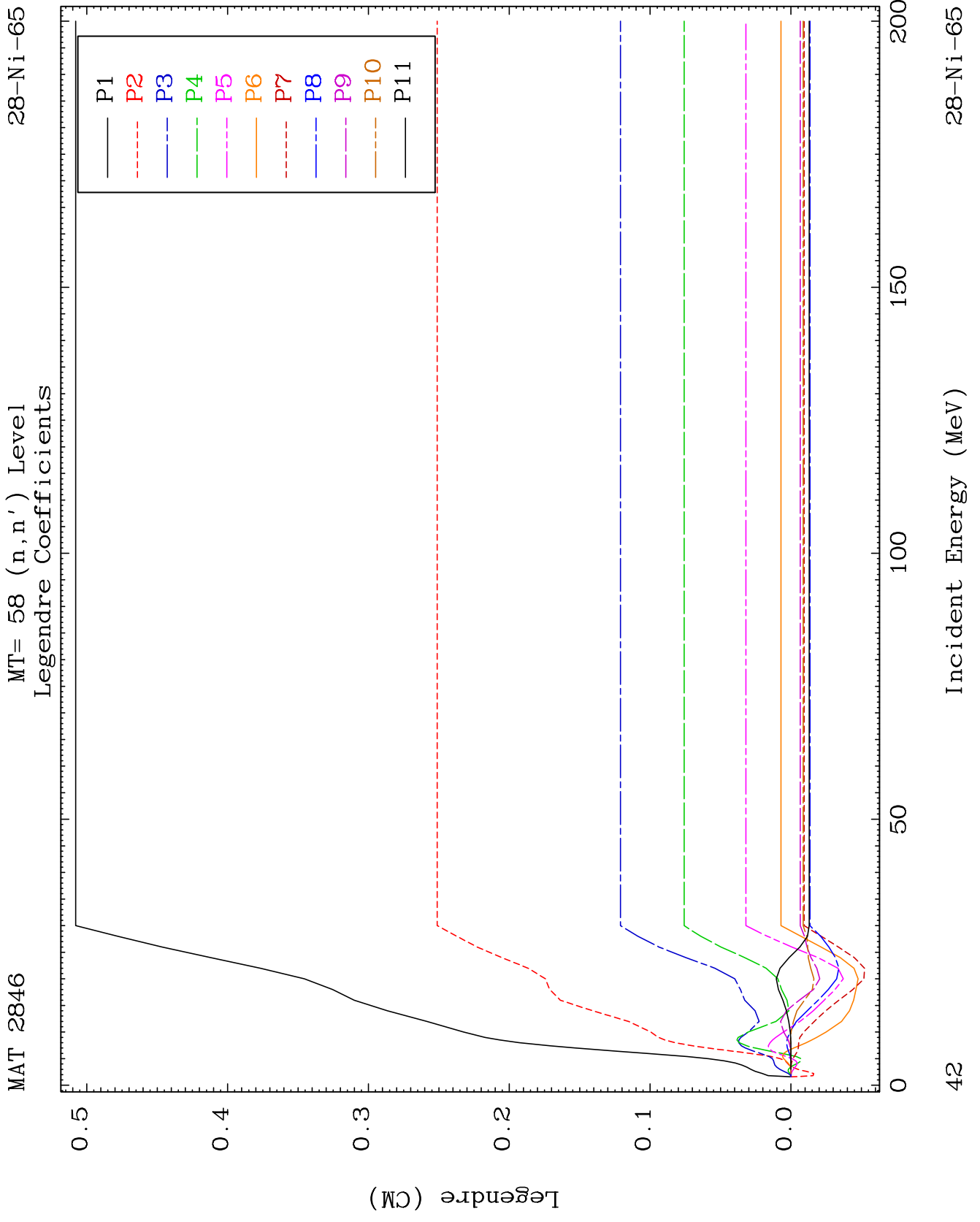
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28-Ni-65





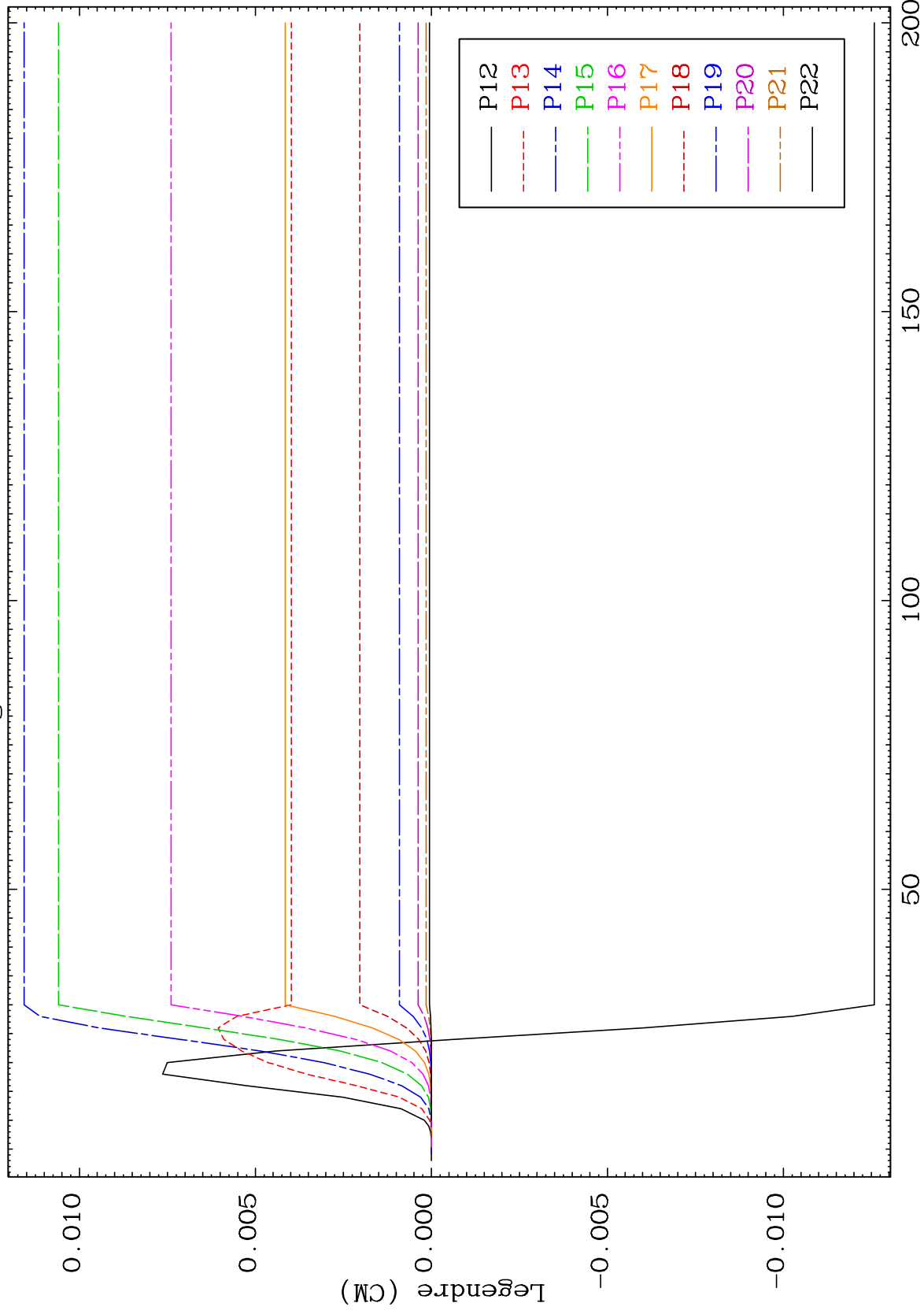




MAT 2846

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

28-Ni-65



43

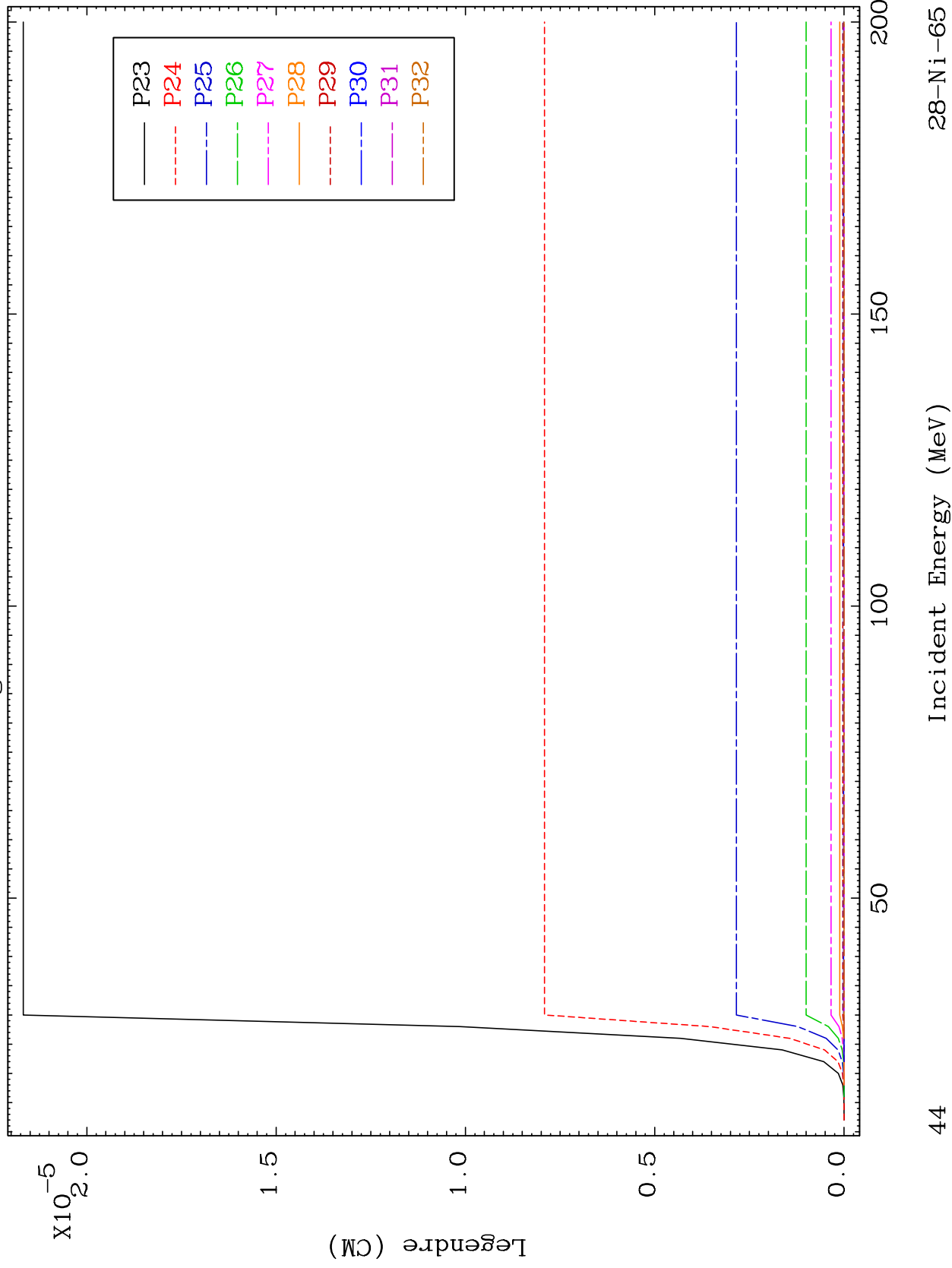
Incident Energy (MeV)

28-Ni-65

MAT 2846

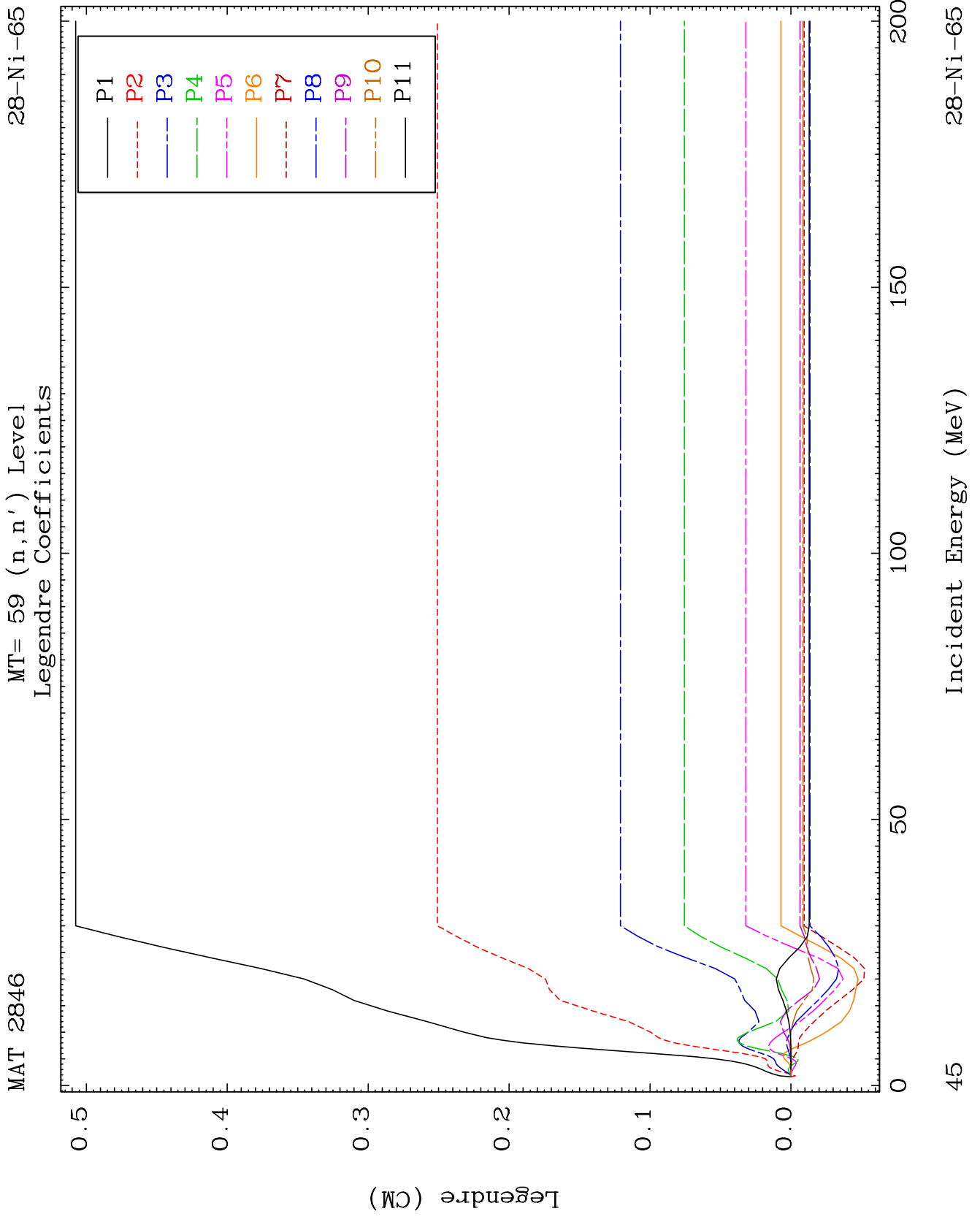
MT= 58 (n,n') Level
Legendre Coefficients

28-Ni-65



44

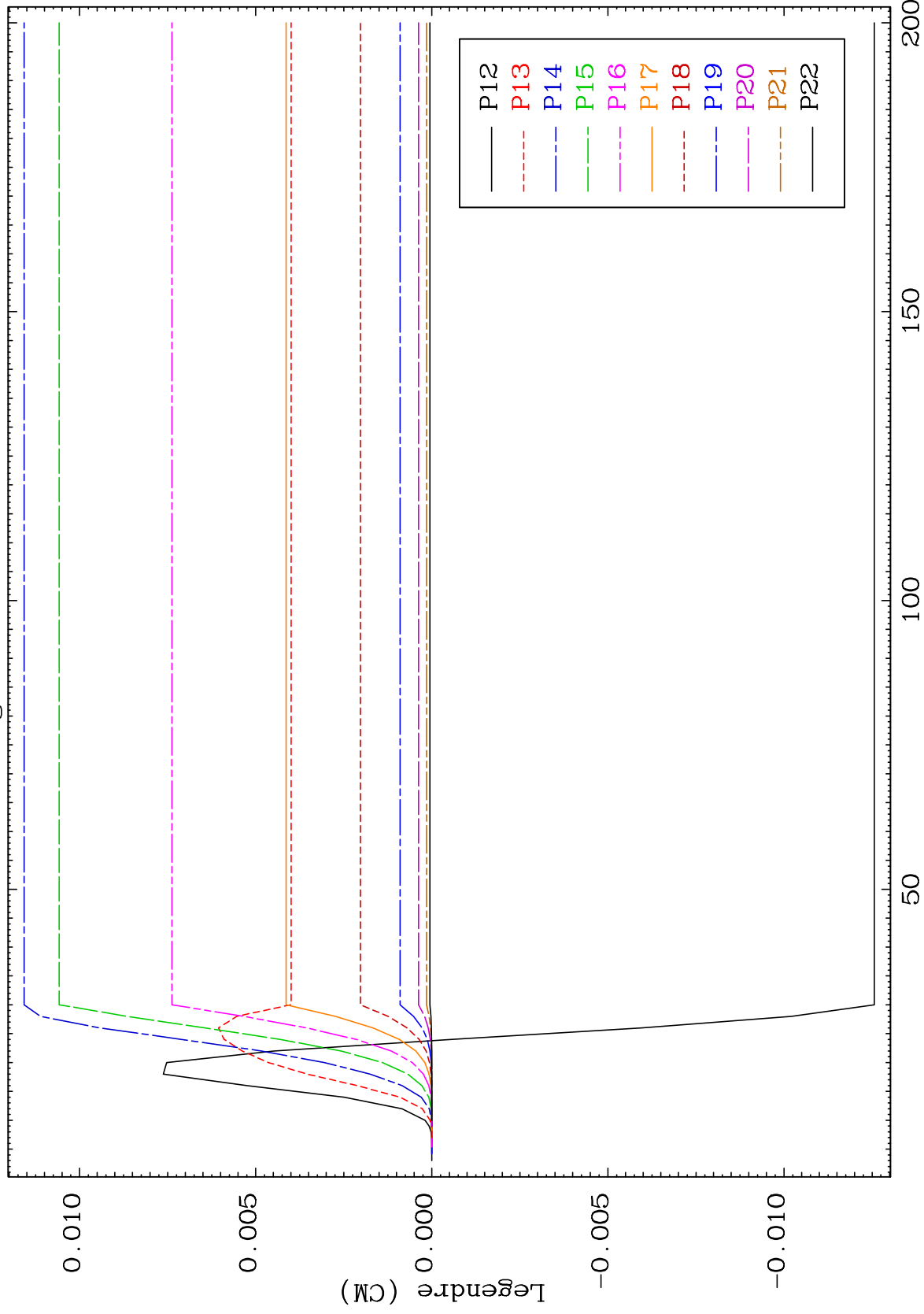
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MAT 2846

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

28-Ni-65



46

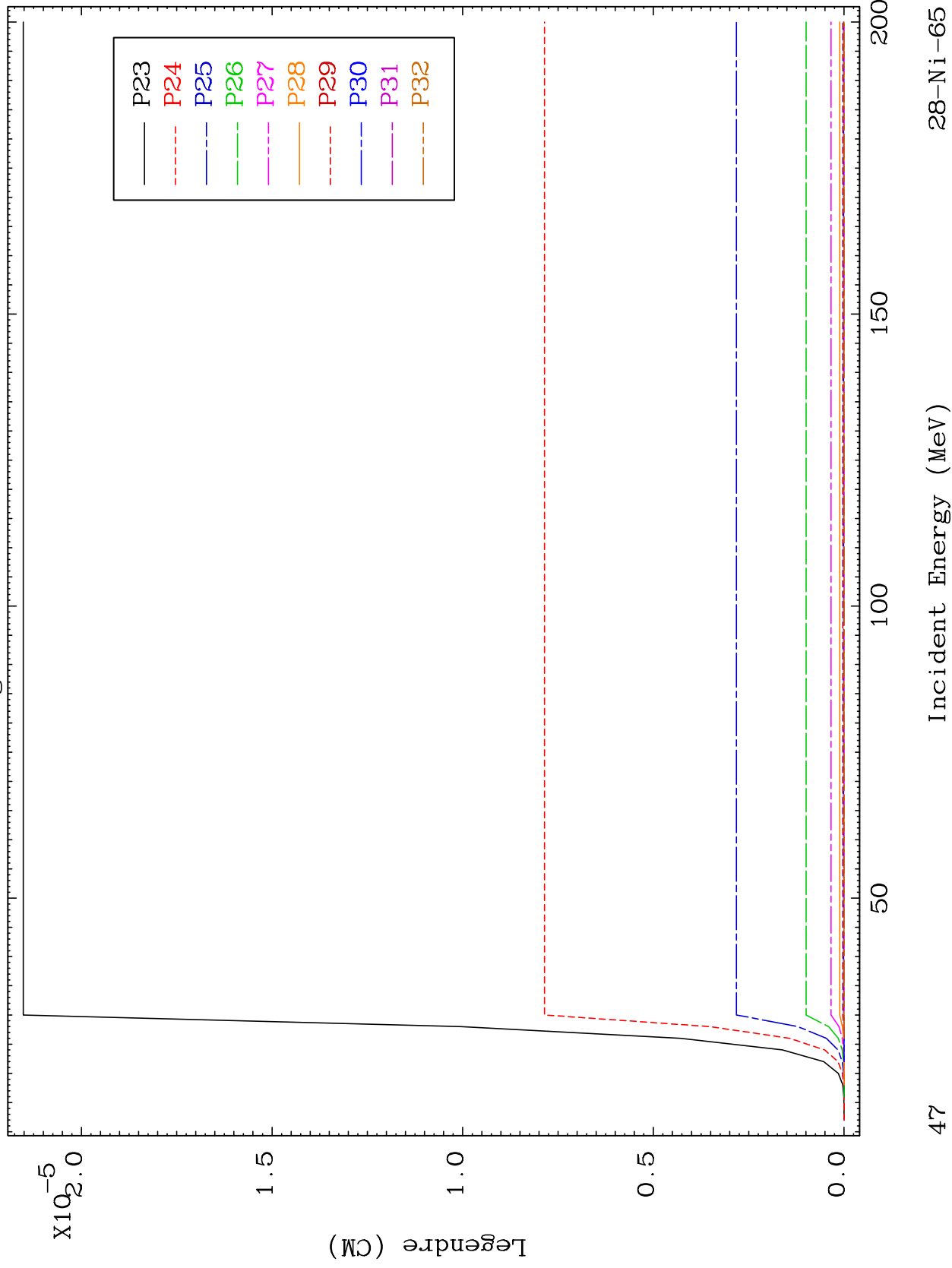
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



47

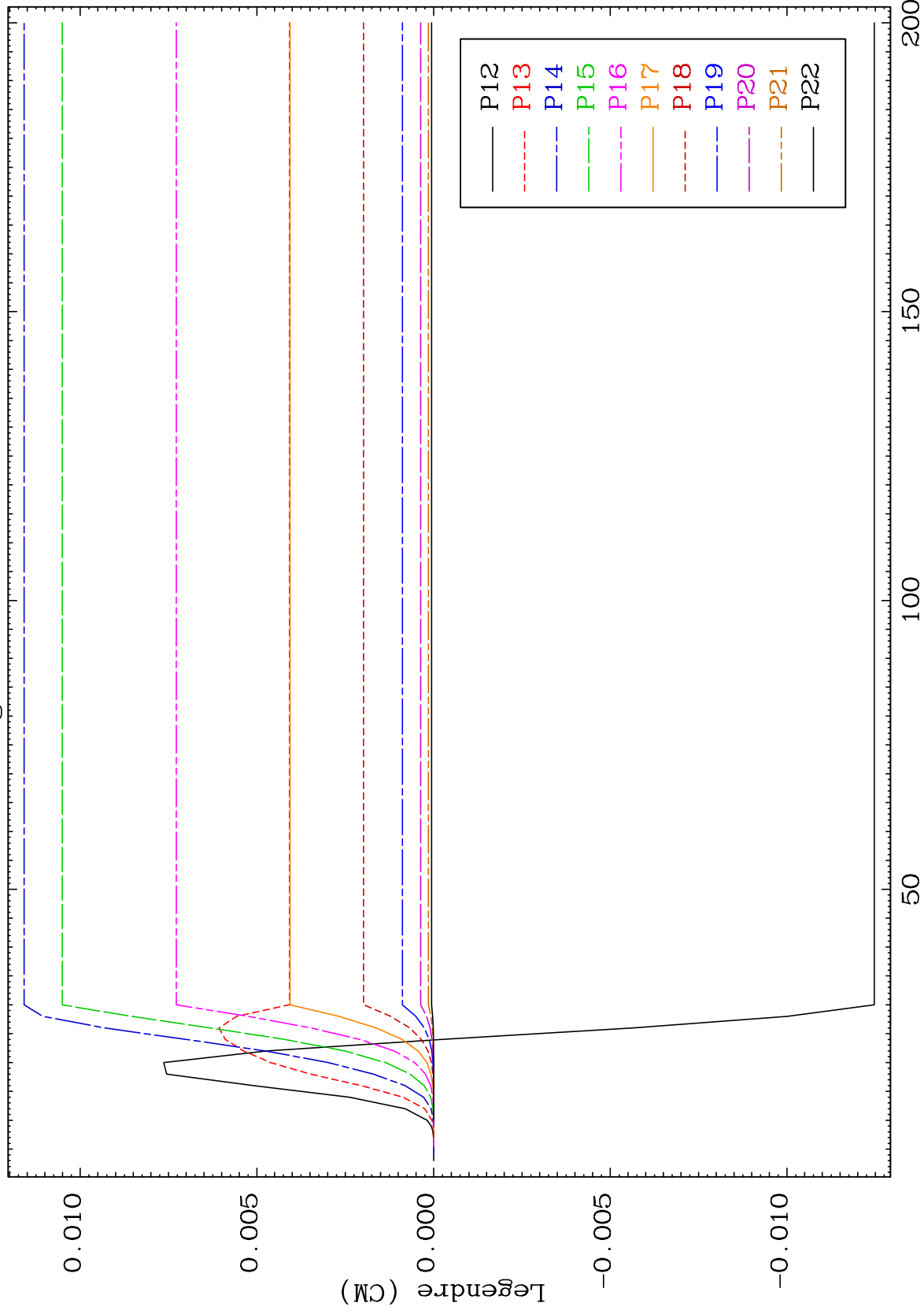
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

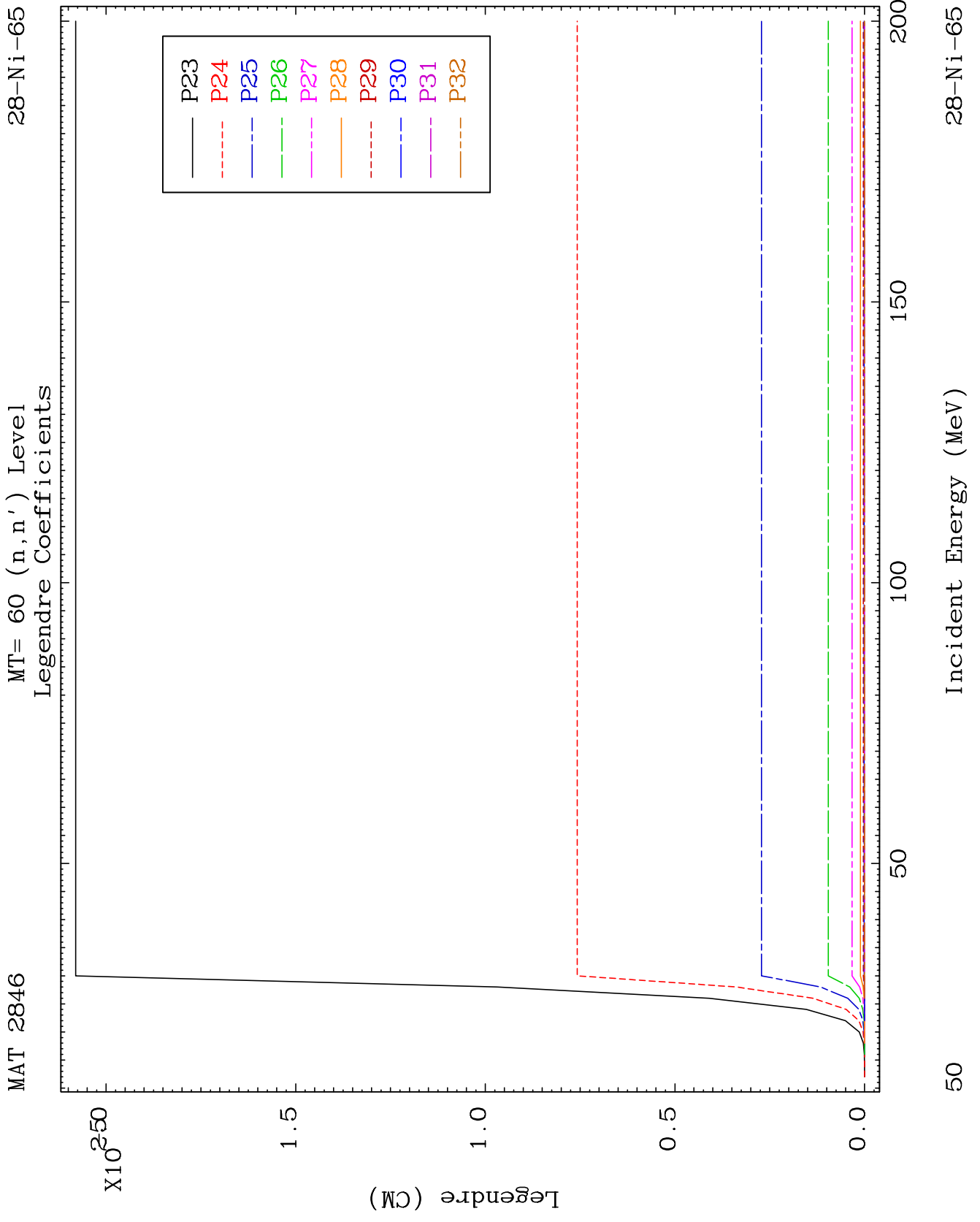
28-Ni-65



49

Incident Energy (MeV)

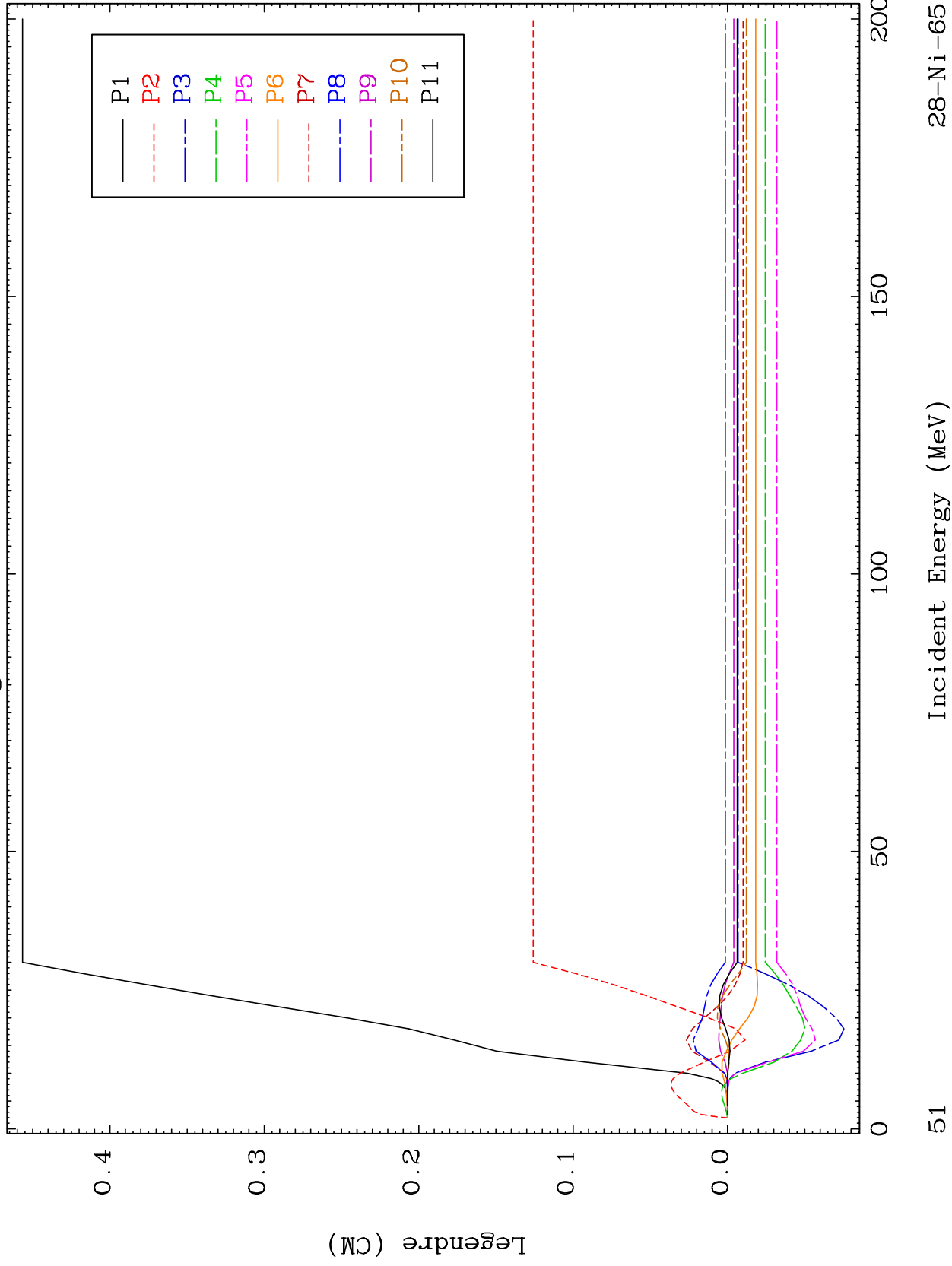
28-Ni-65



MAT 2846

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

28-Ni-65



28-Ni-65

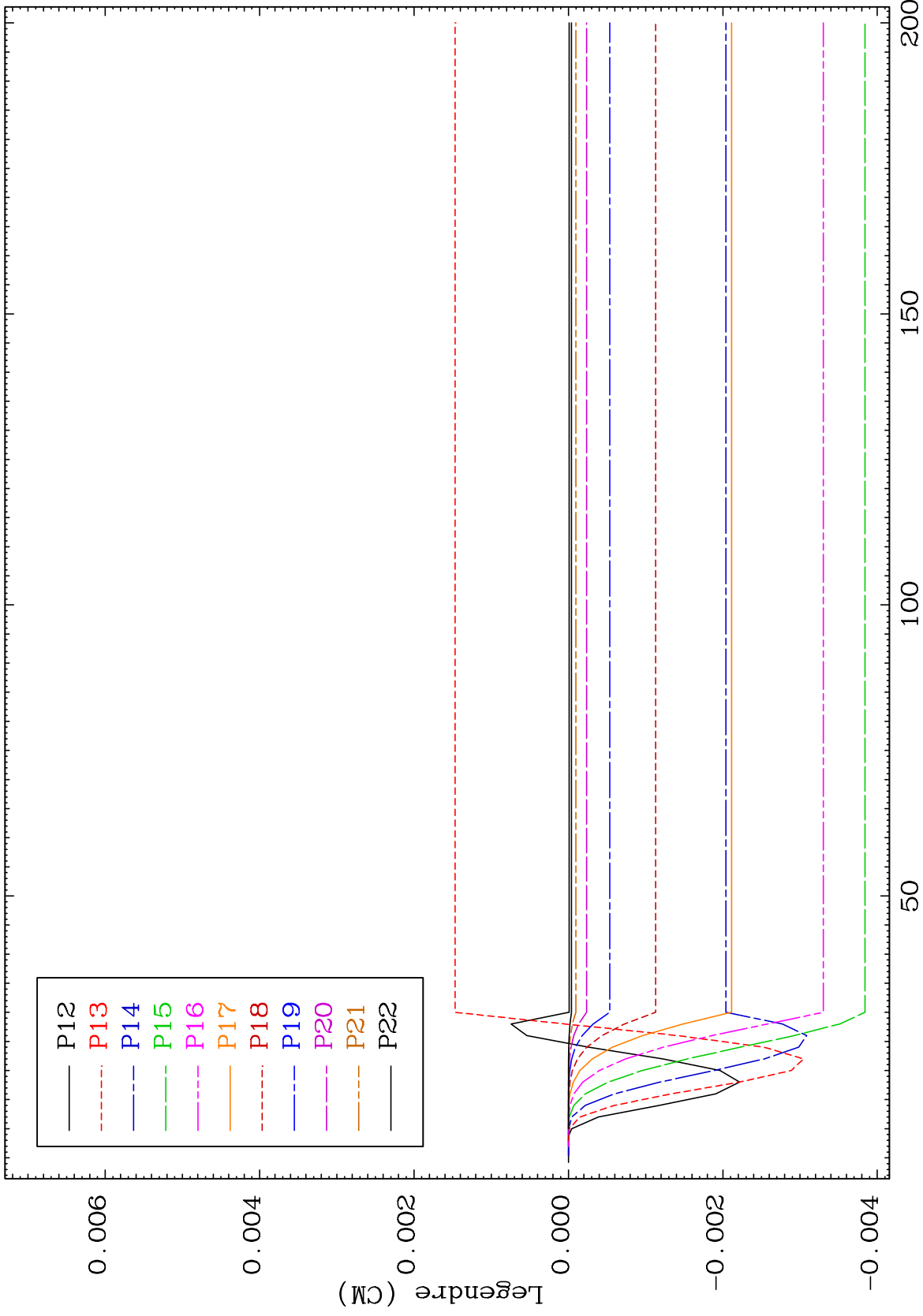
Incident Energy (MeV)

51

MAT 2846

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

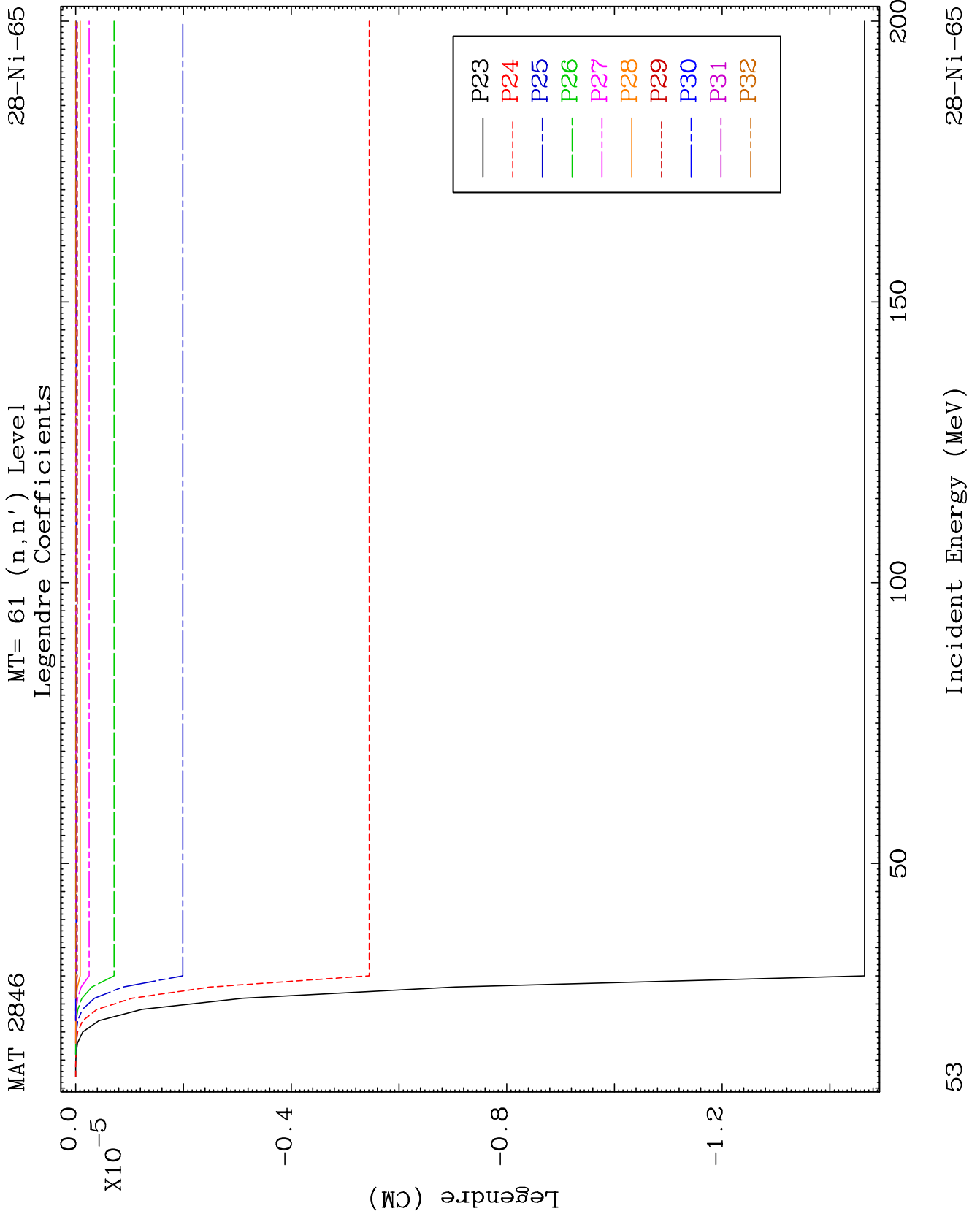
28-Ni-65



52

Incident Energy (MeV)

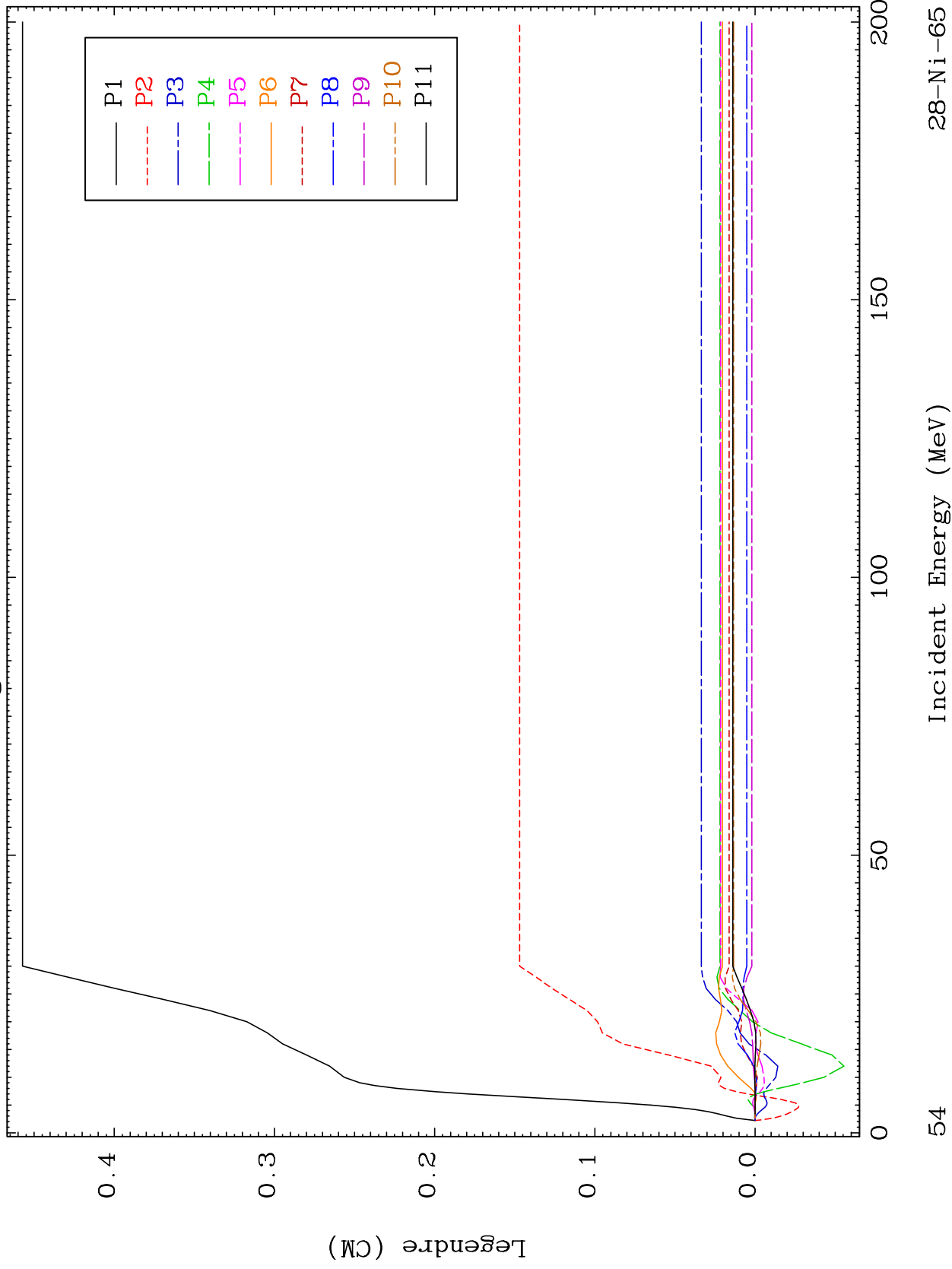
28-Ni-65



MAT 2846

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

28-Ni-65



54

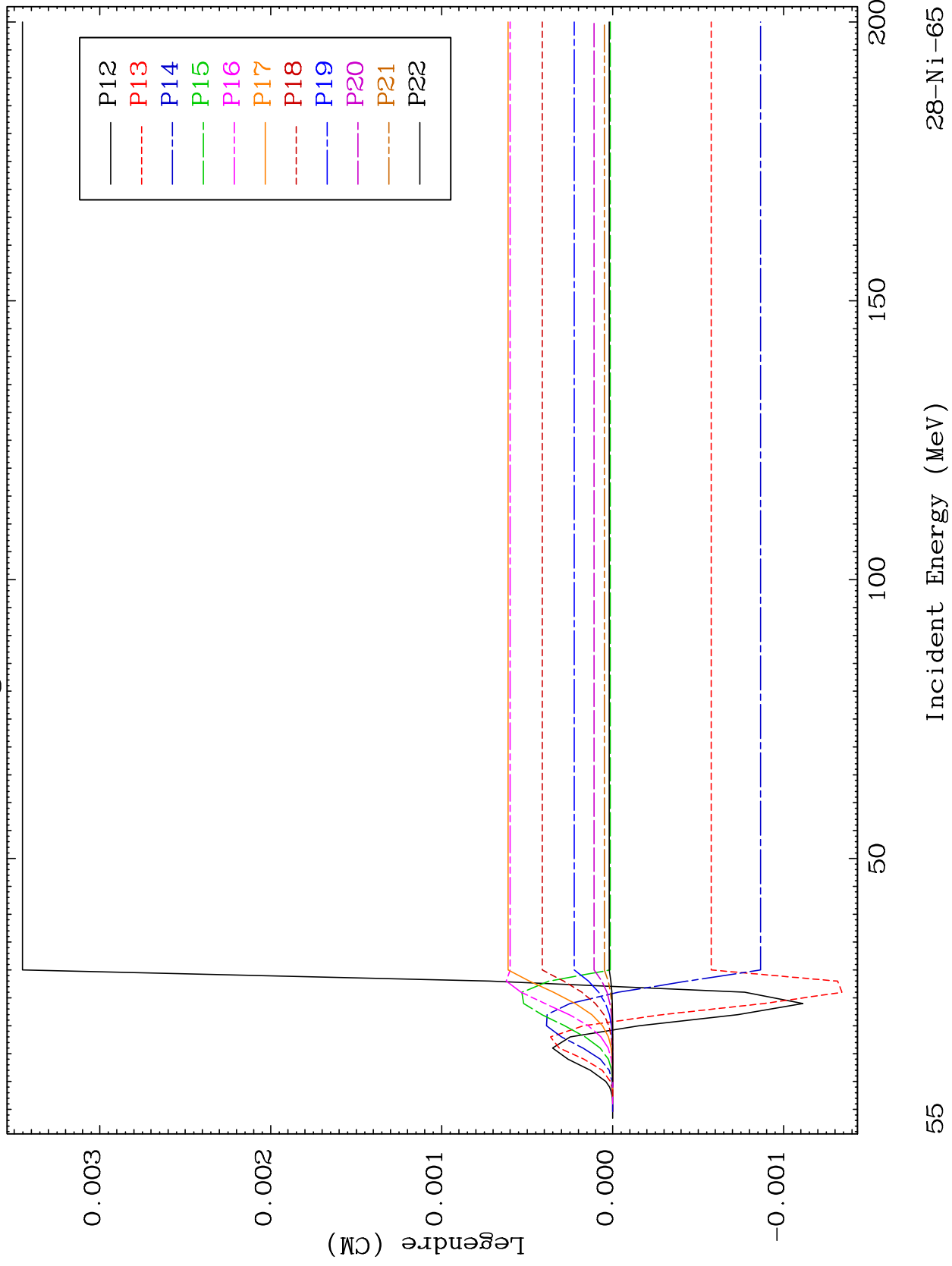
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



55

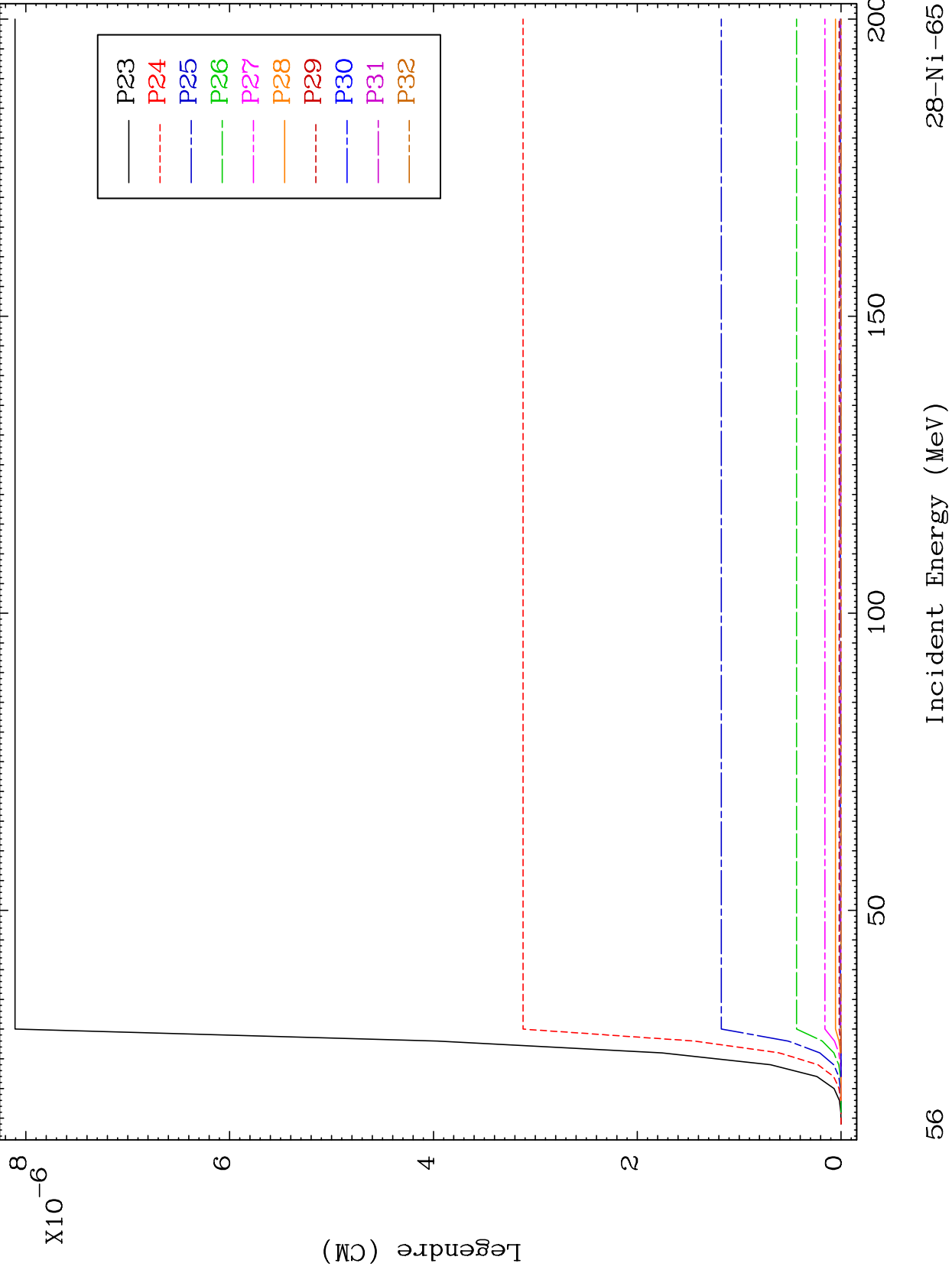
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



56

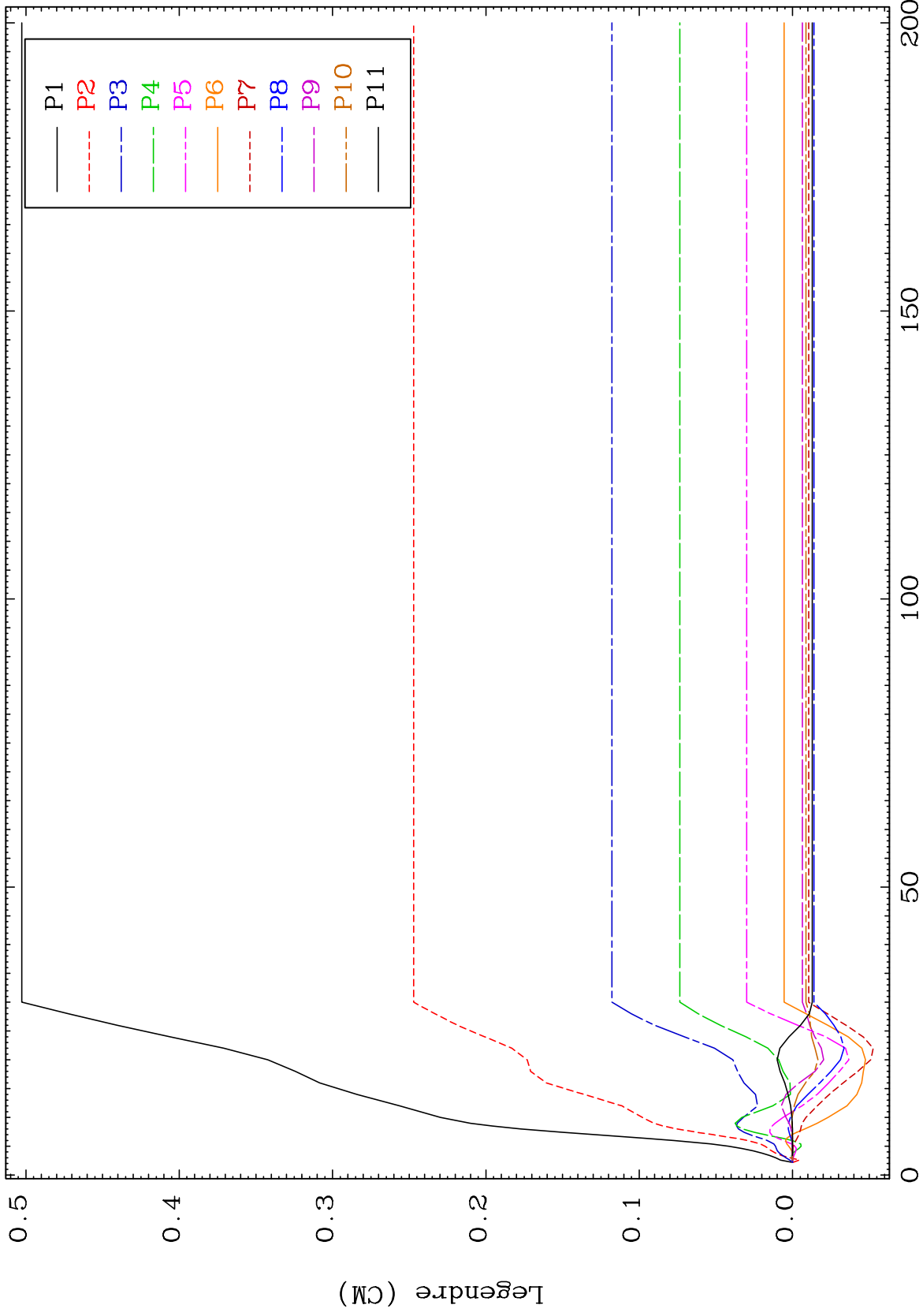
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



57

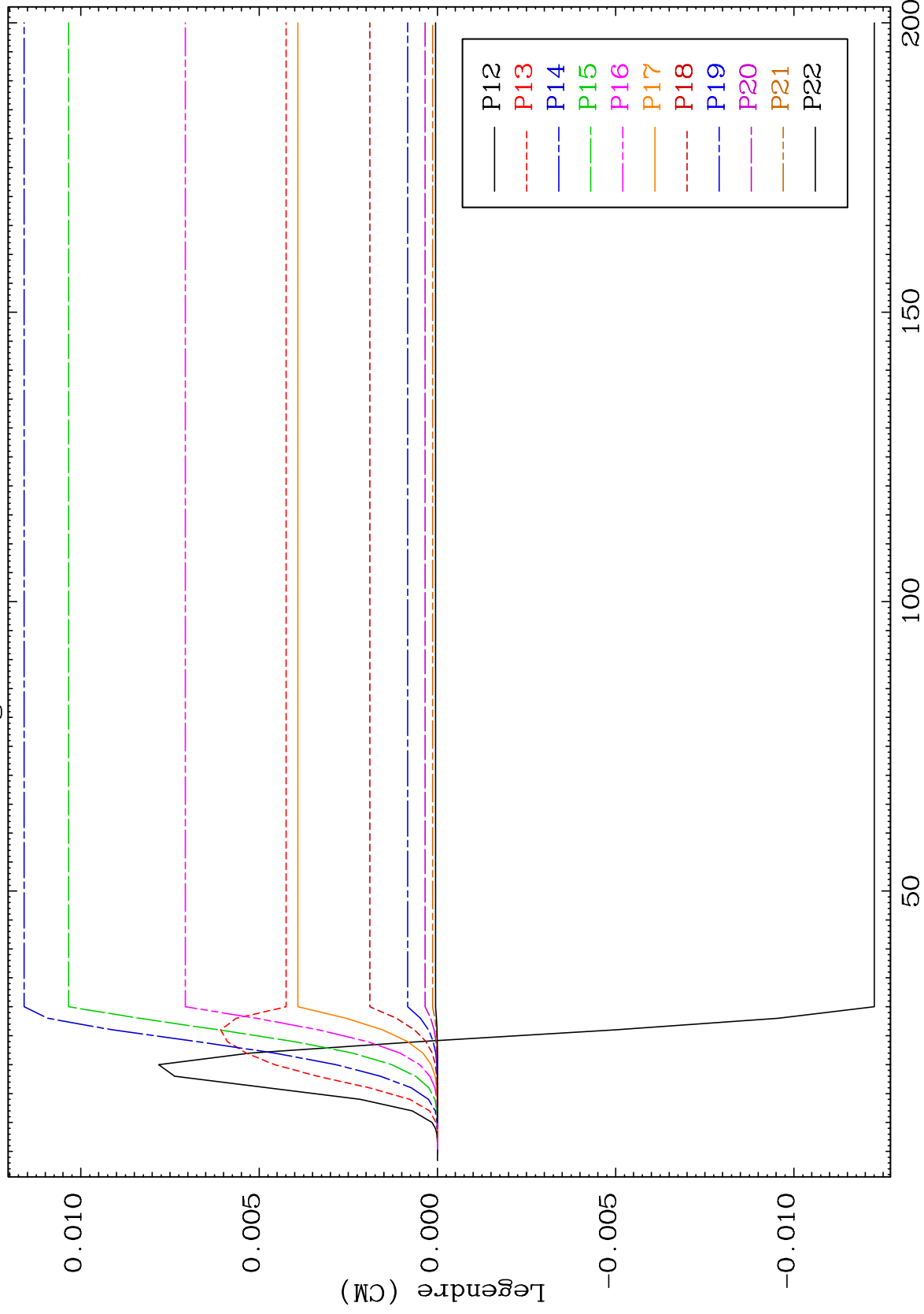
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



58

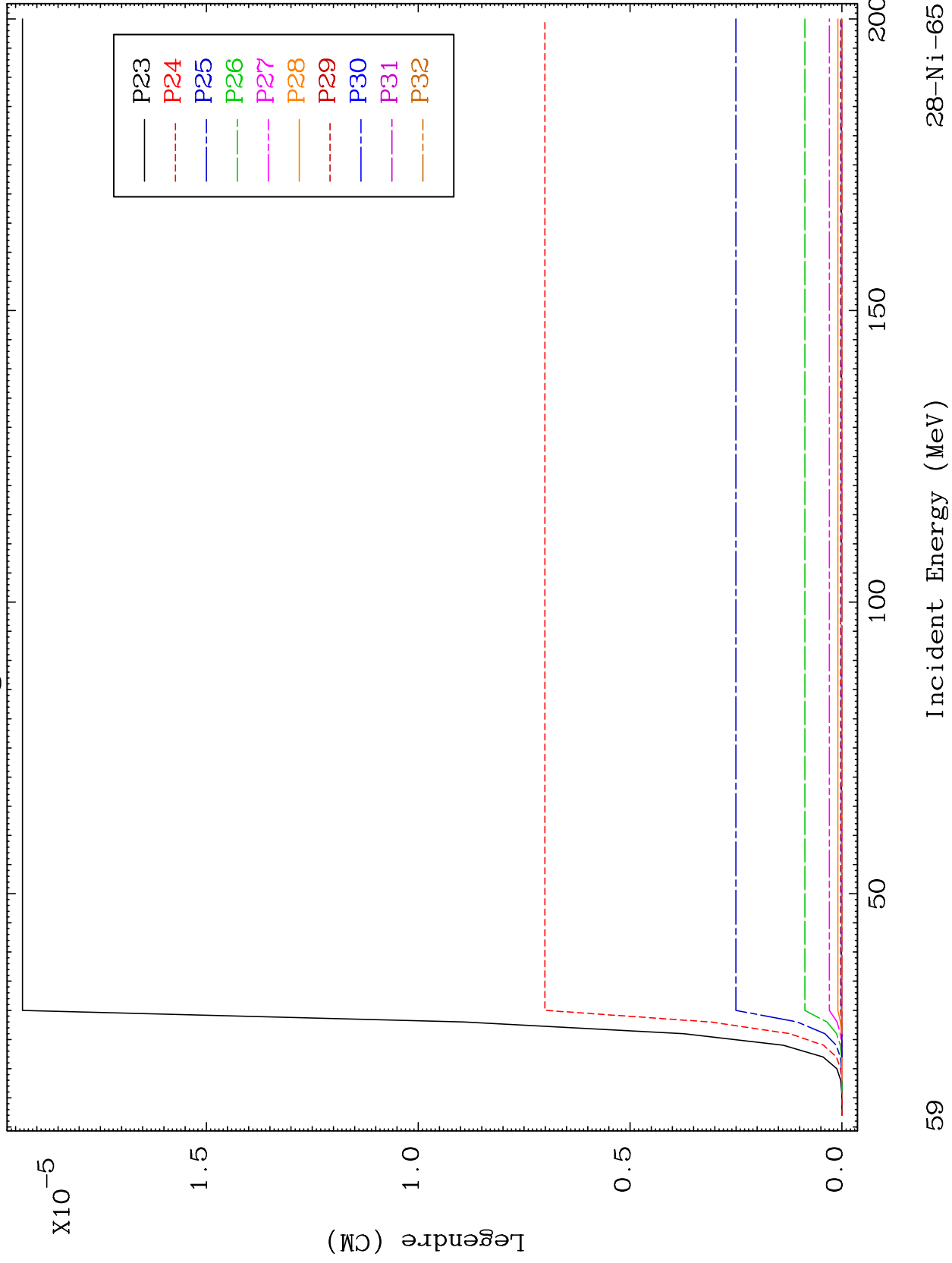
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



59

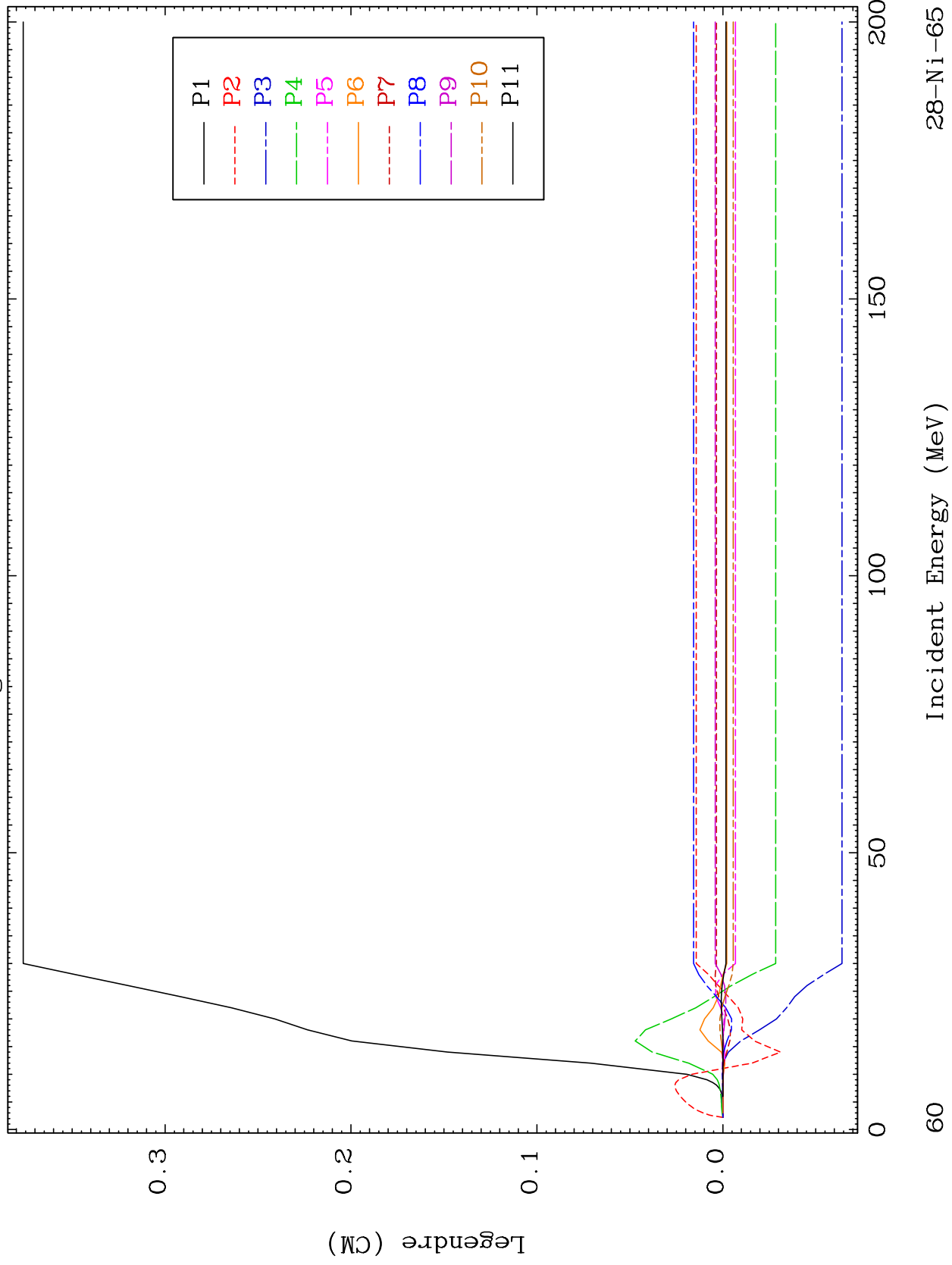
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

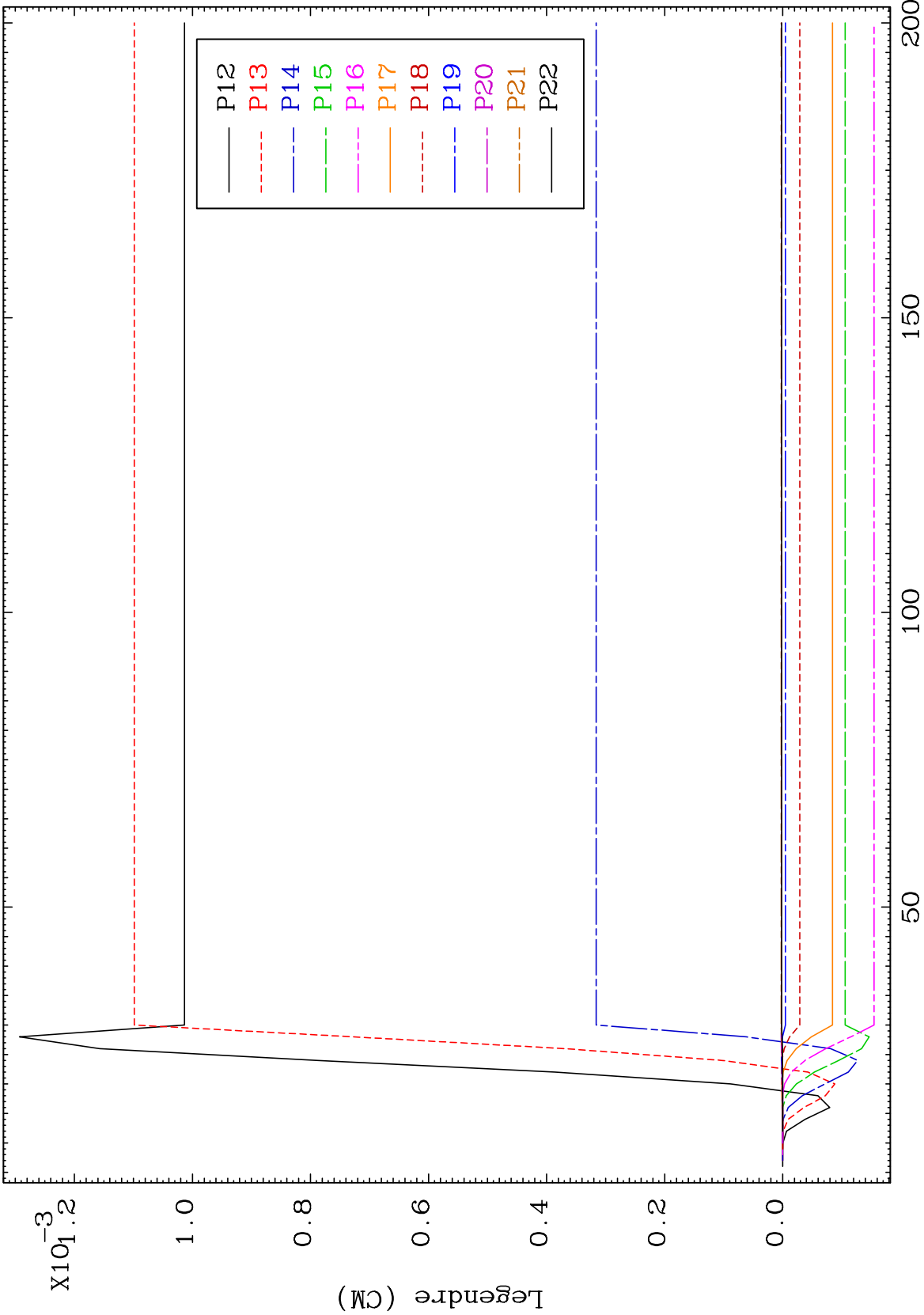
28-Ni-65



MAT 2846

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

28-Ni-65



61

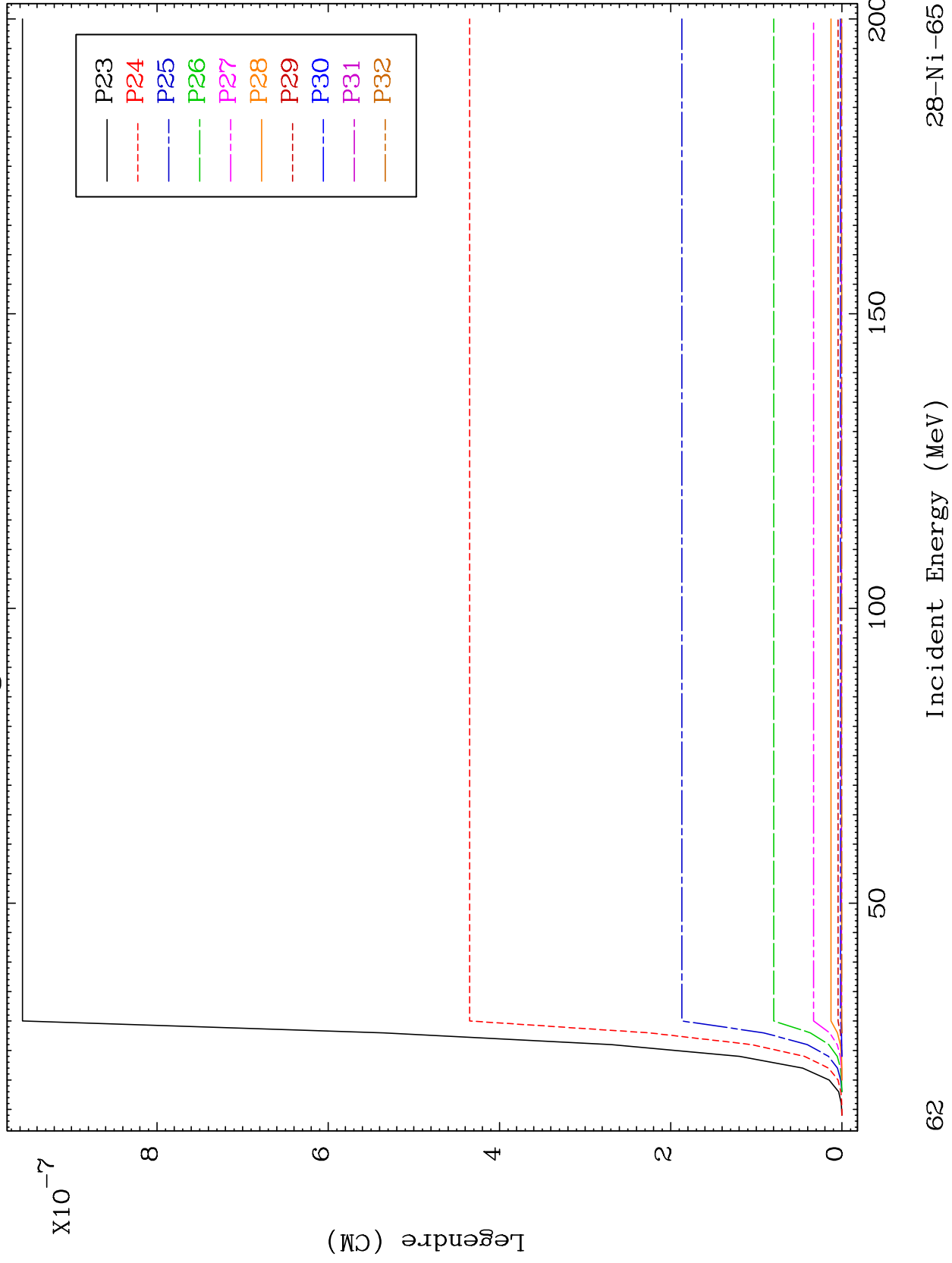
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

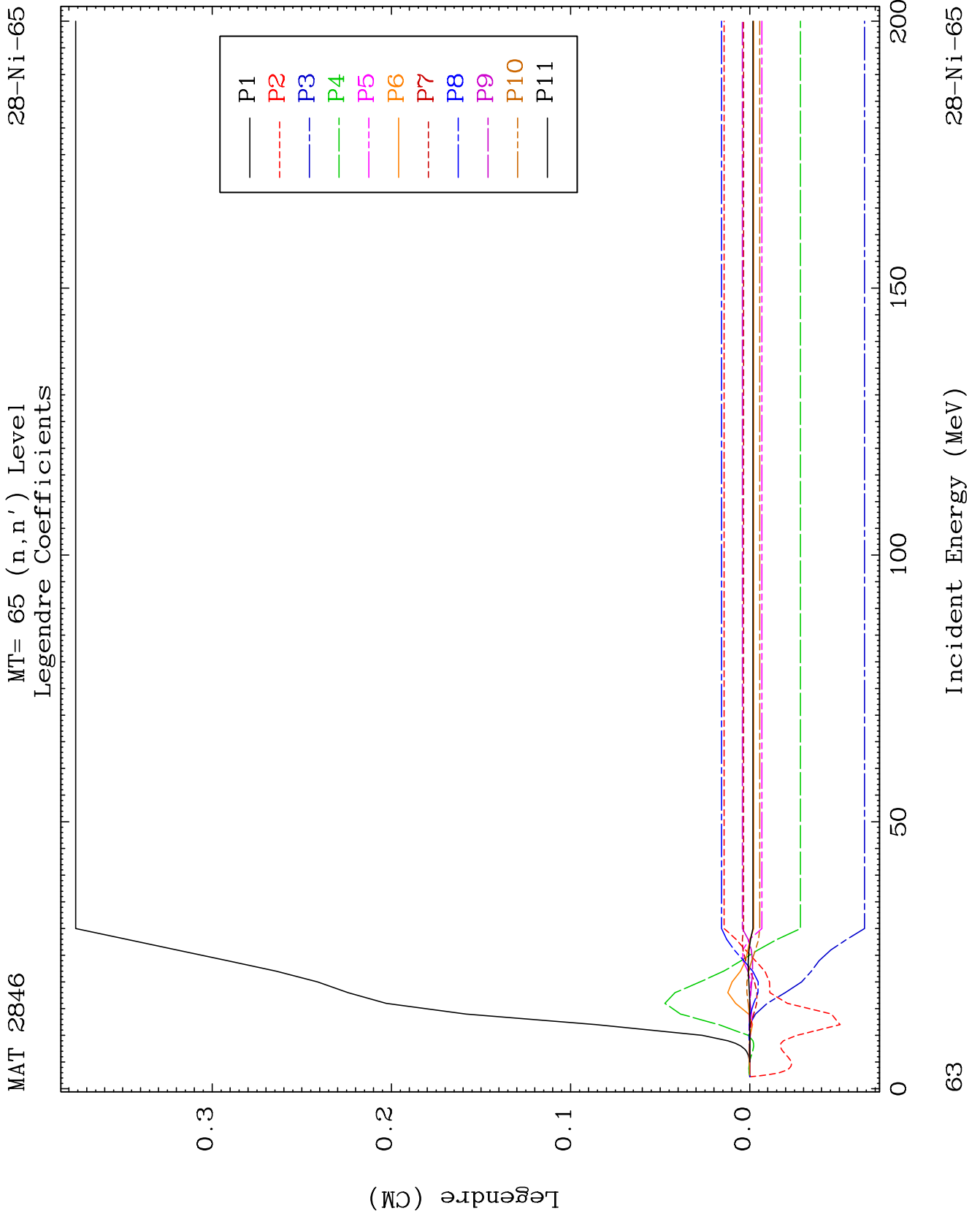
28-Ni-65



28-Ni-65

Incident Energy (MeV)

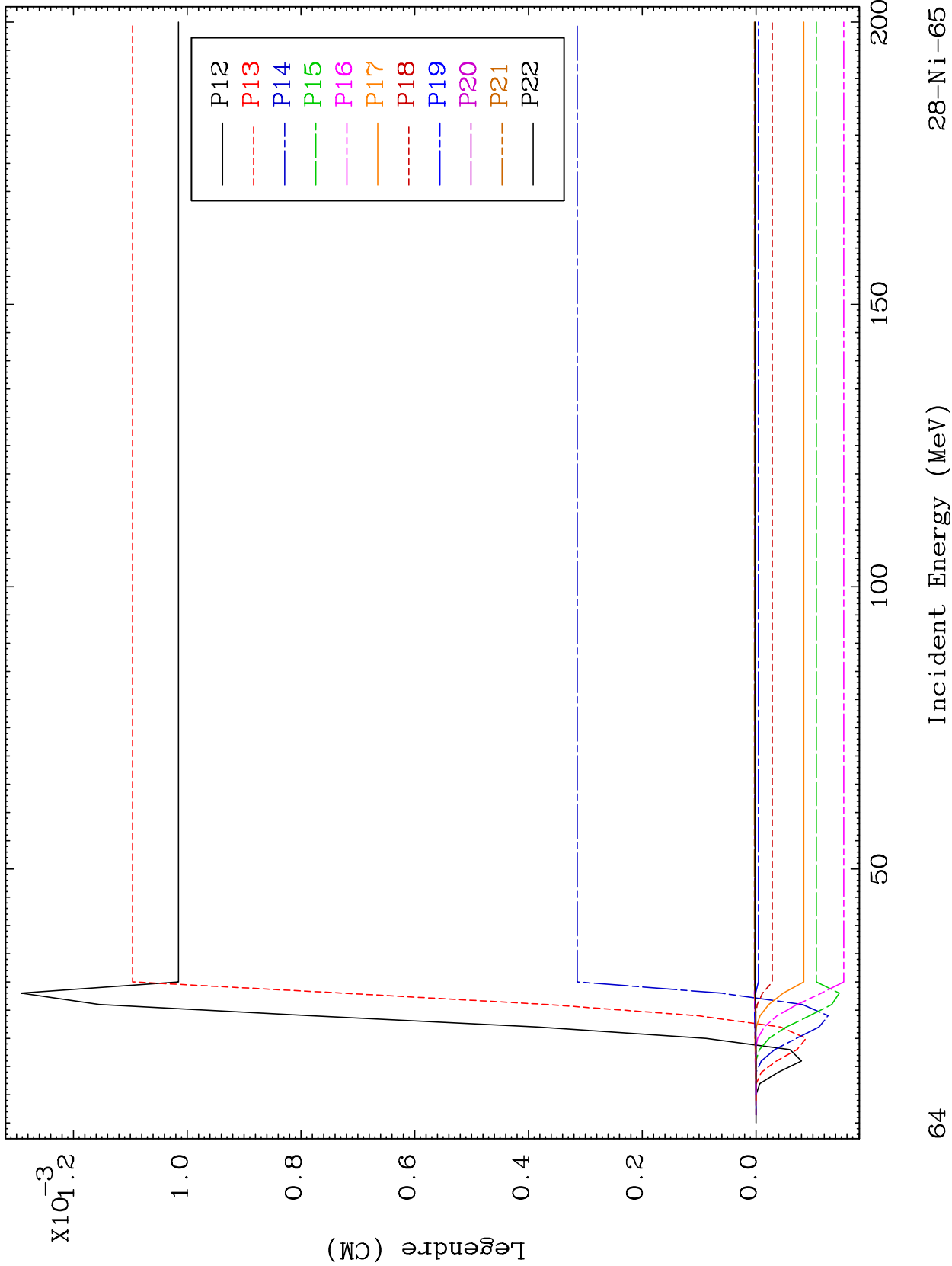
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MAT 2846

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

28-Ni-65



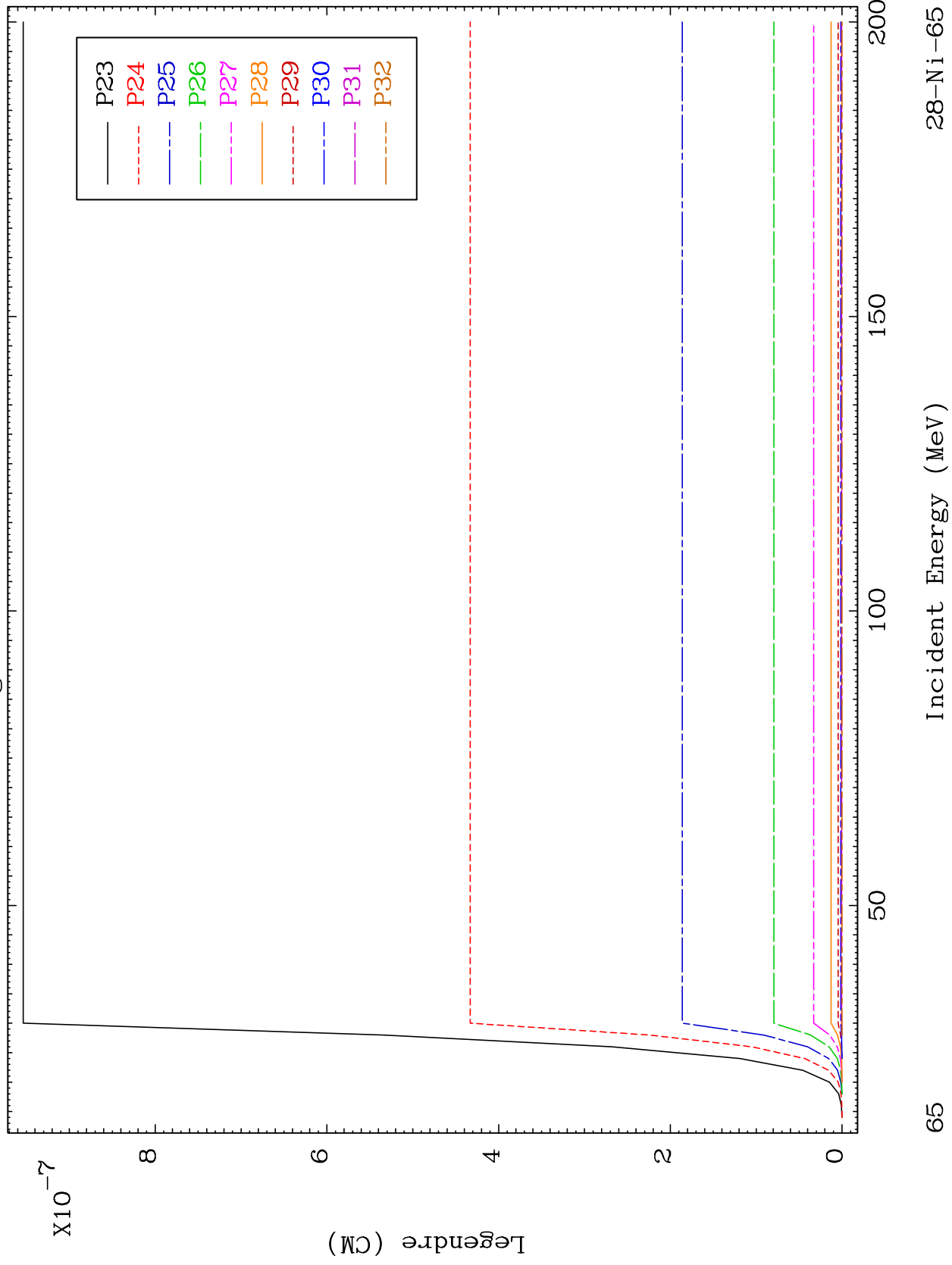
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28-Ni-65

MAT 2846

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

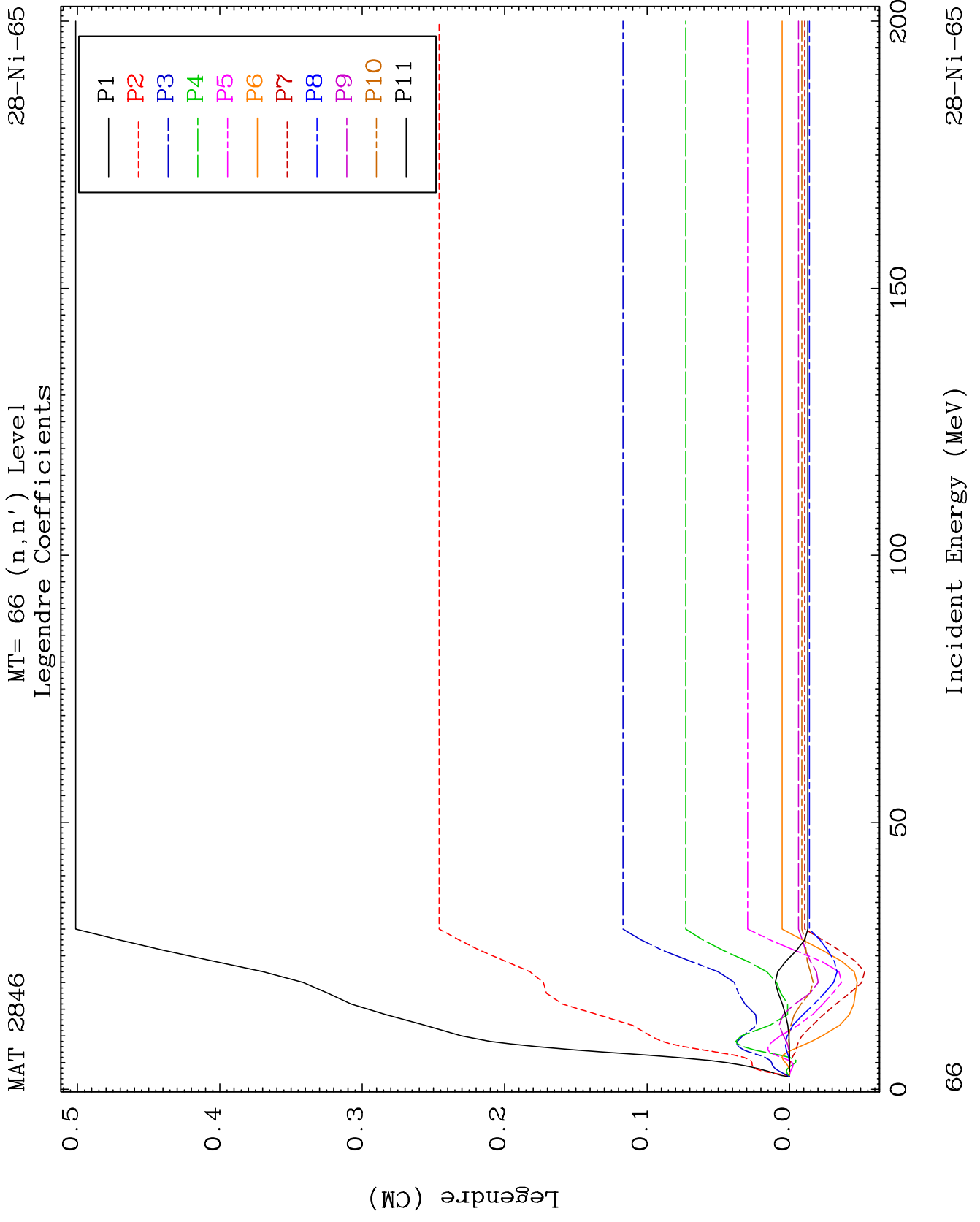
28-Ni-65



65

Incident Energy (MeV)

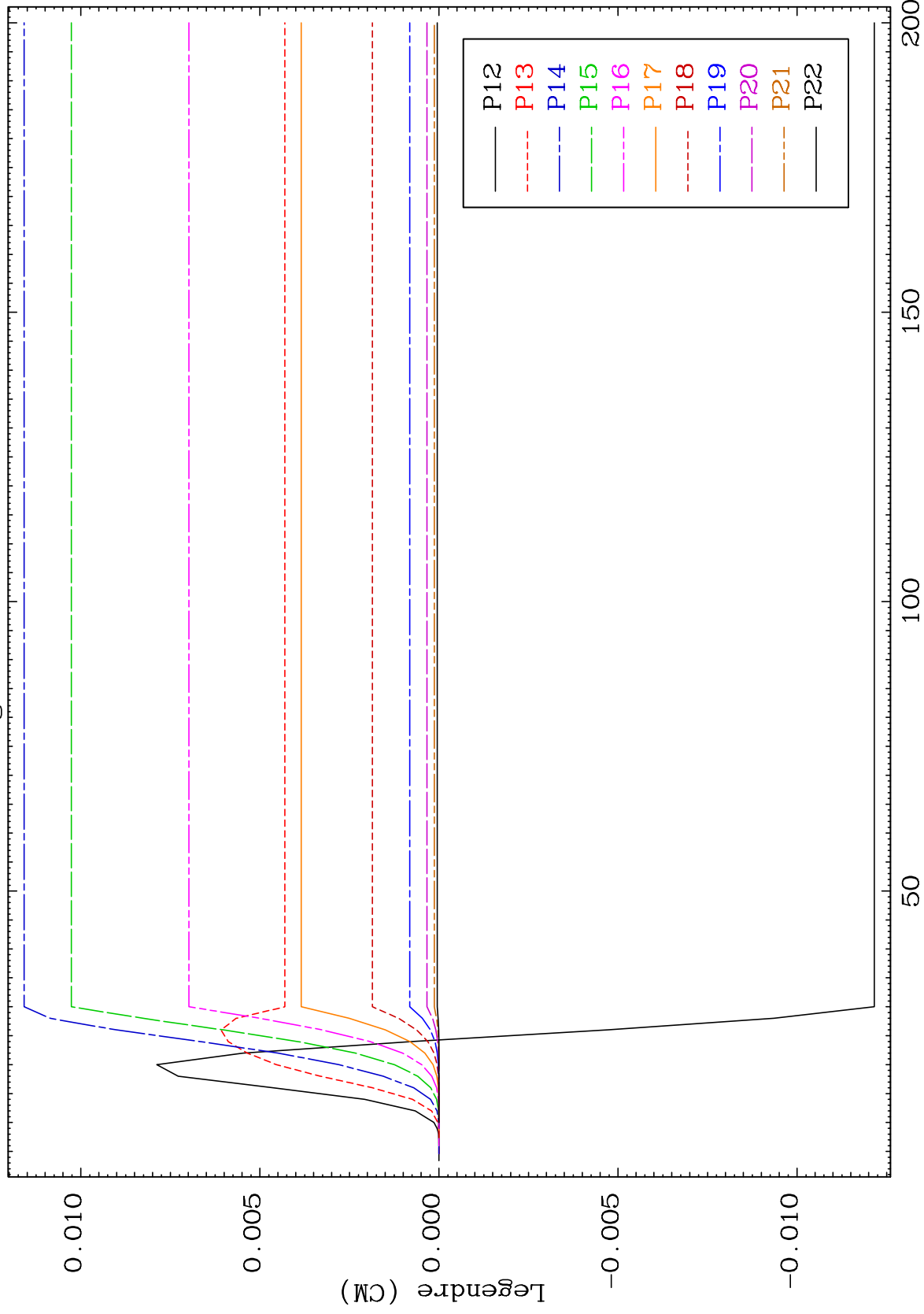
28-Ni-65



MAT 2846

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

28-Ni-65



67

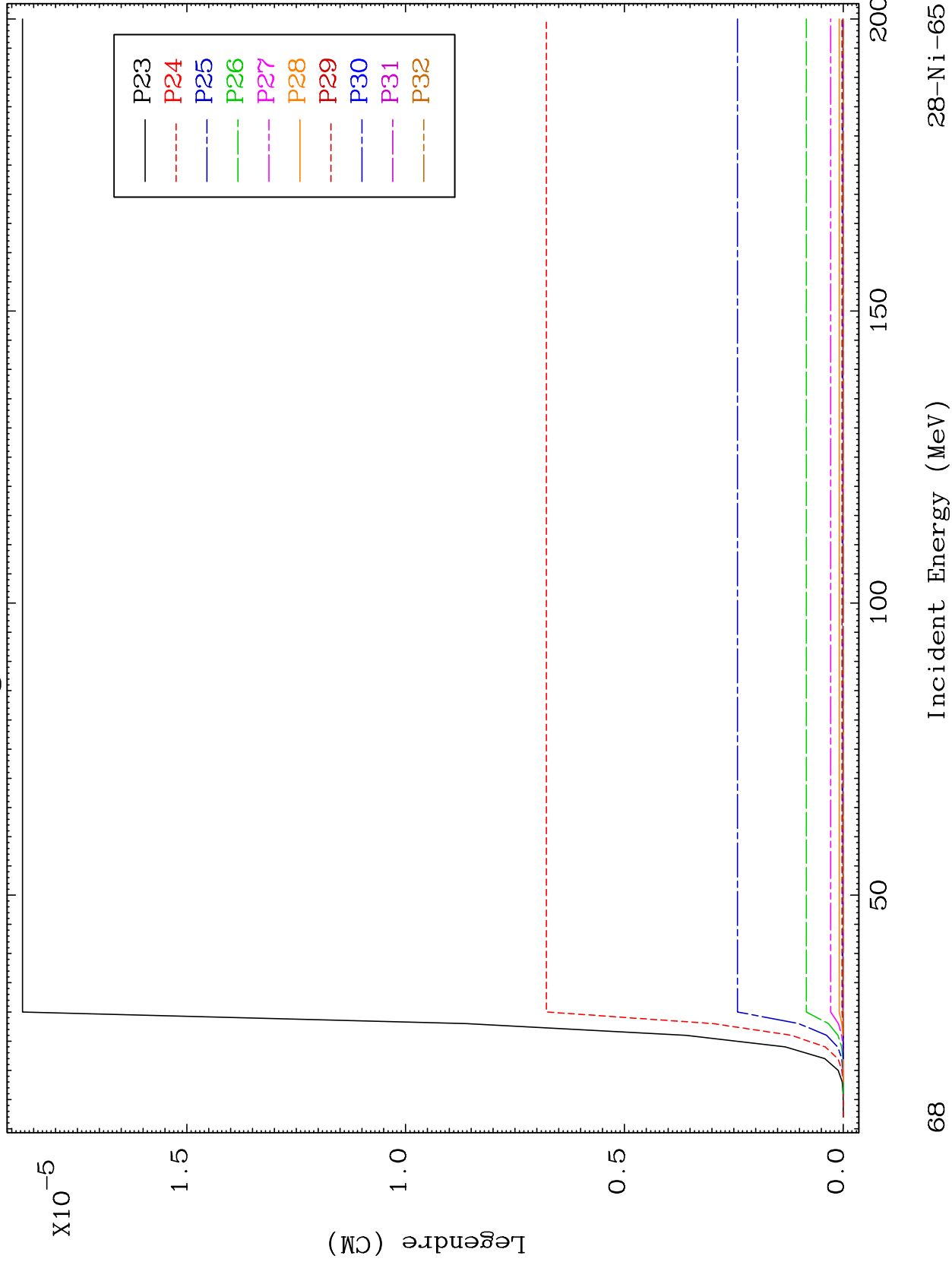
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

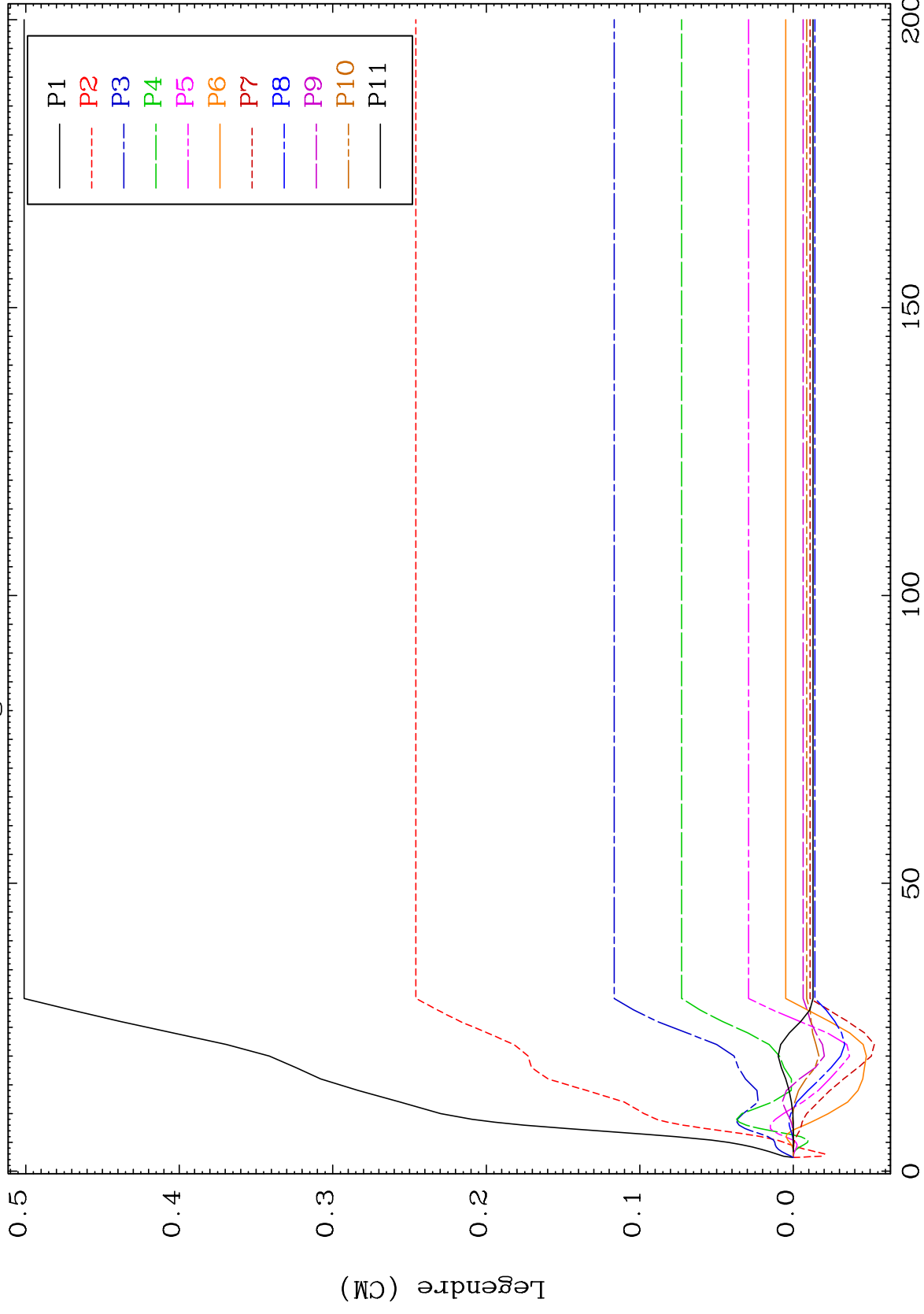
28-Ni-65



MAT 2846

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

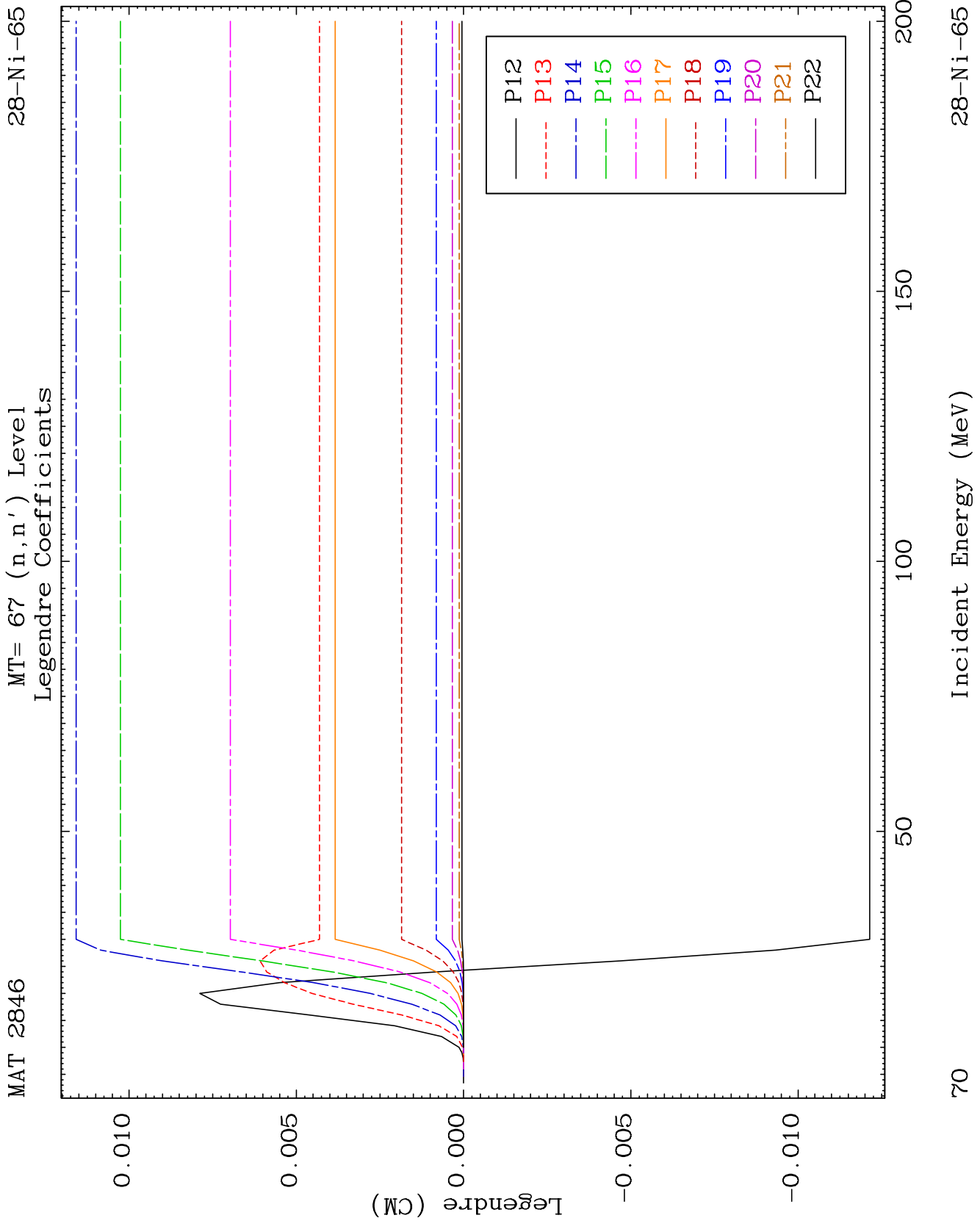
28-Ni-65



69

Incident Energy (MeV)

28-Ni-65



28-Ni-65

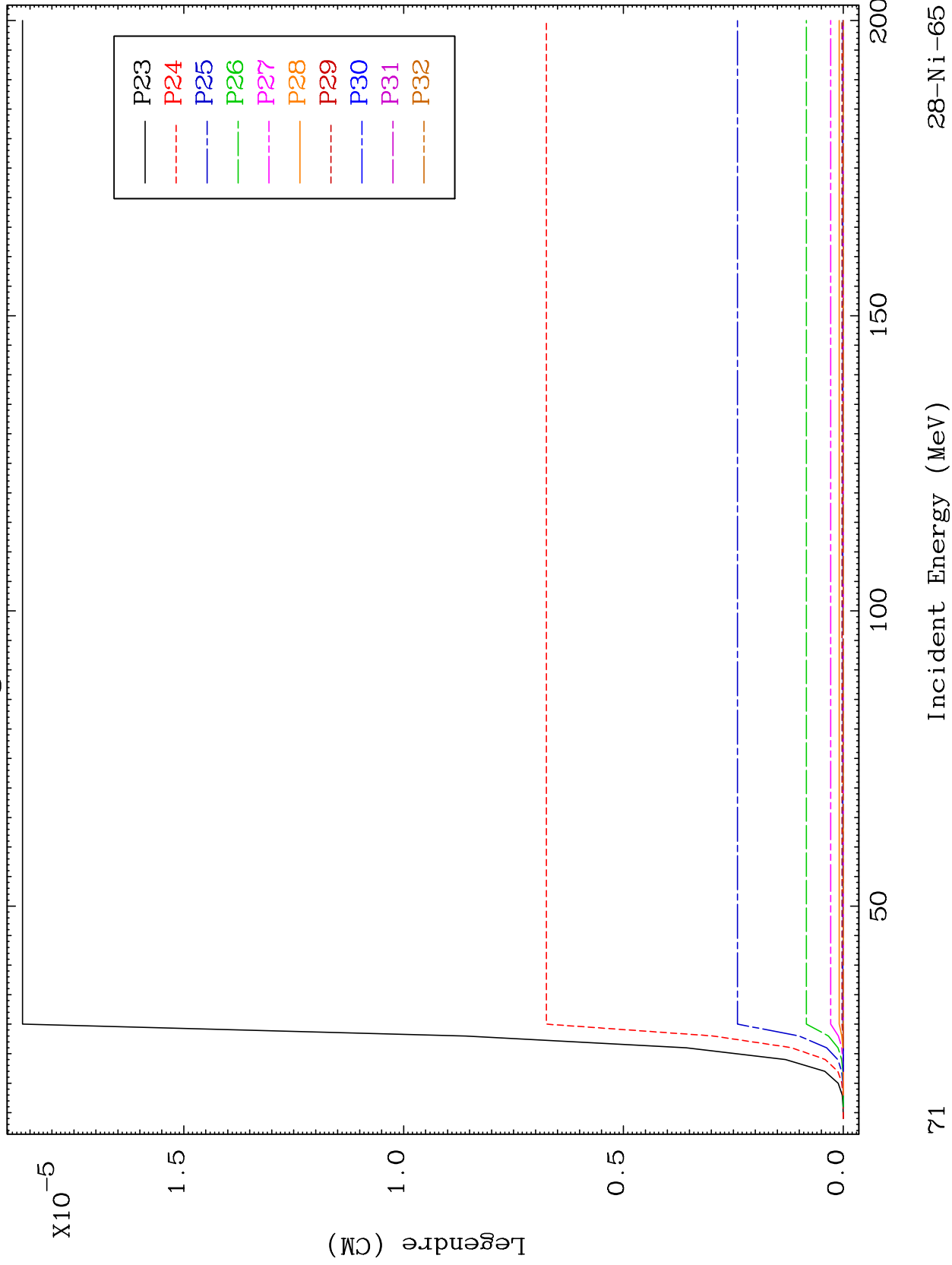
Incident Energy (MeV)

70

MAT 2846

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

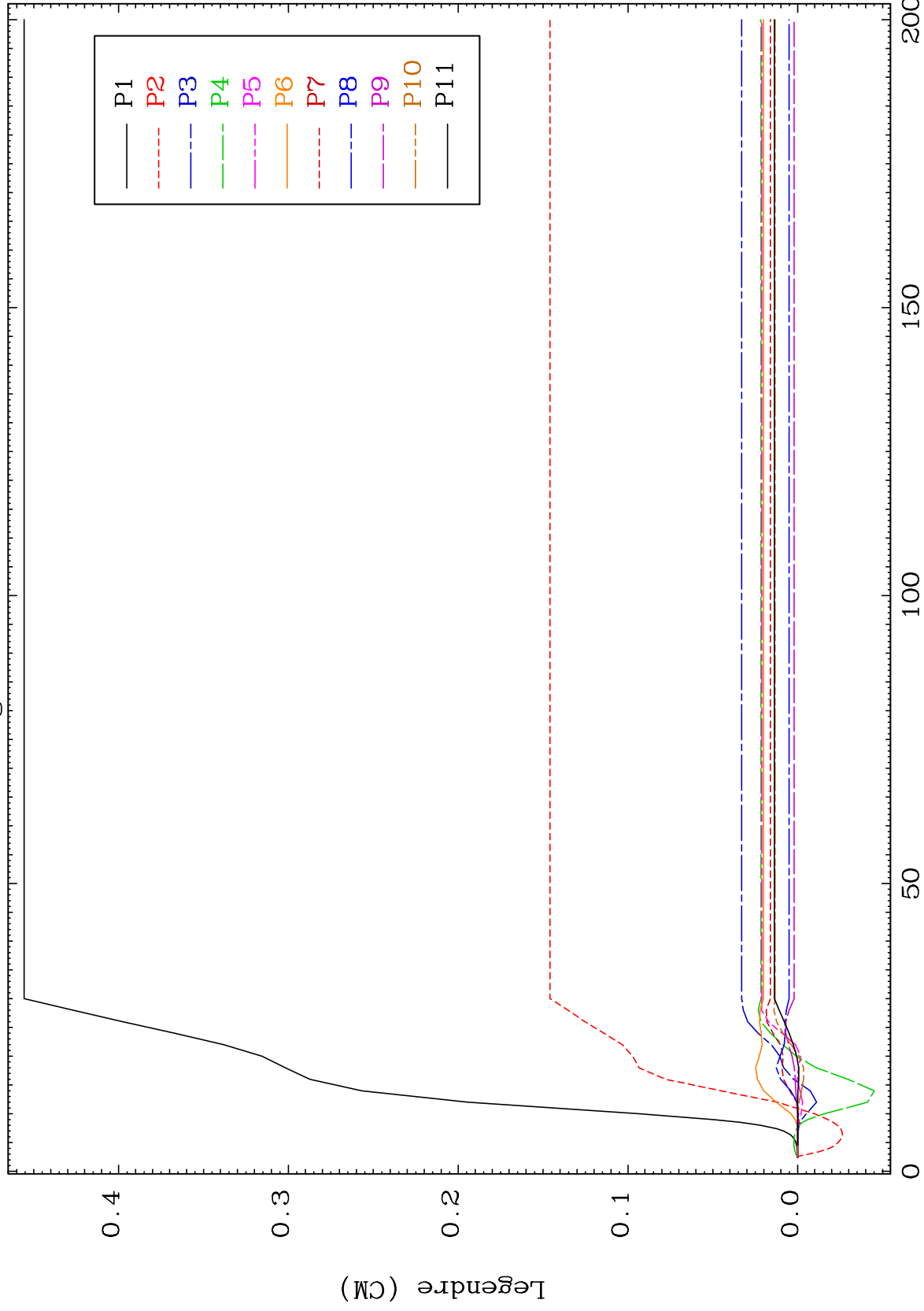
28-Ni-65



MAT 2846

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

28-Ni-65



72

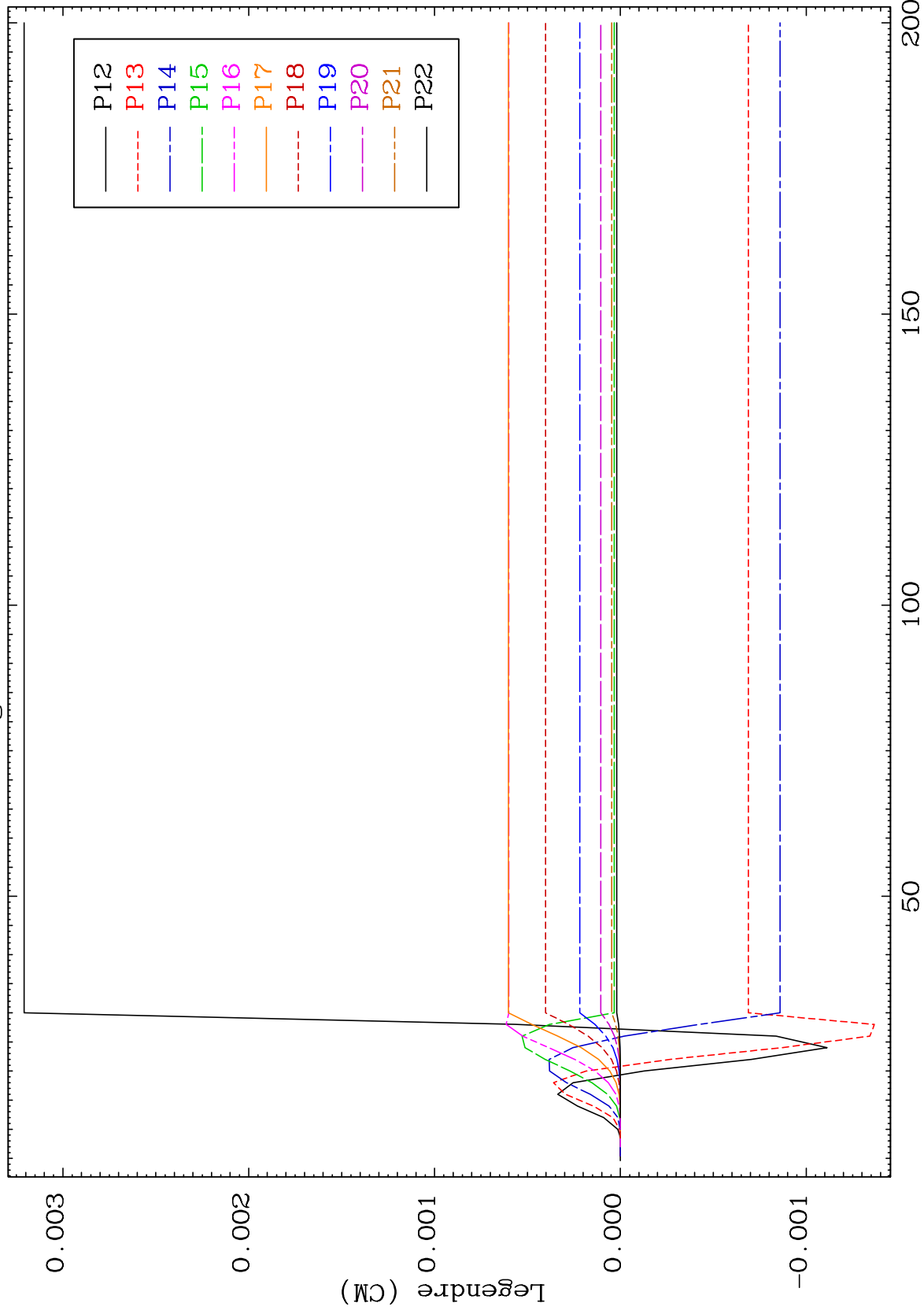
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



73

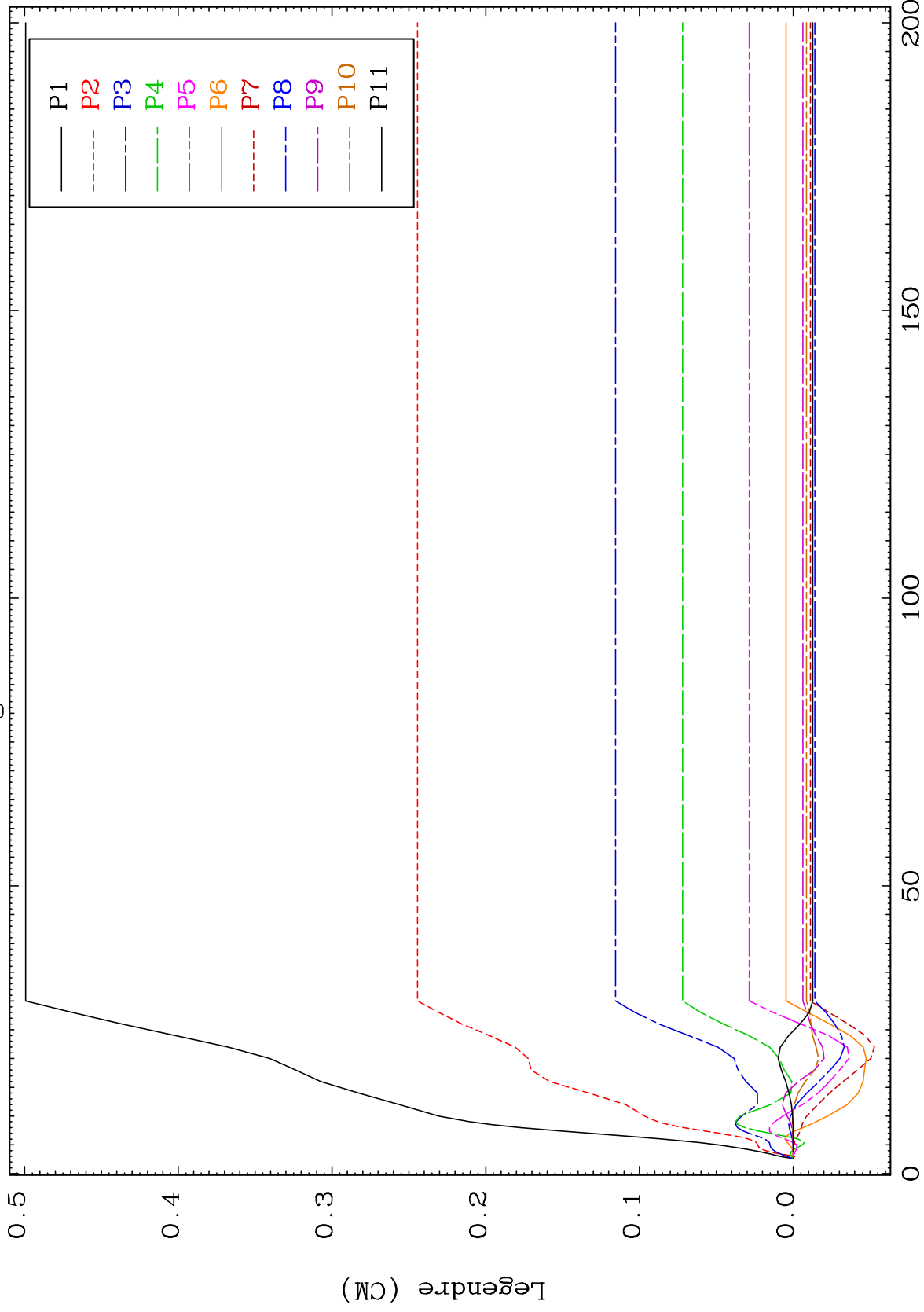
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



75

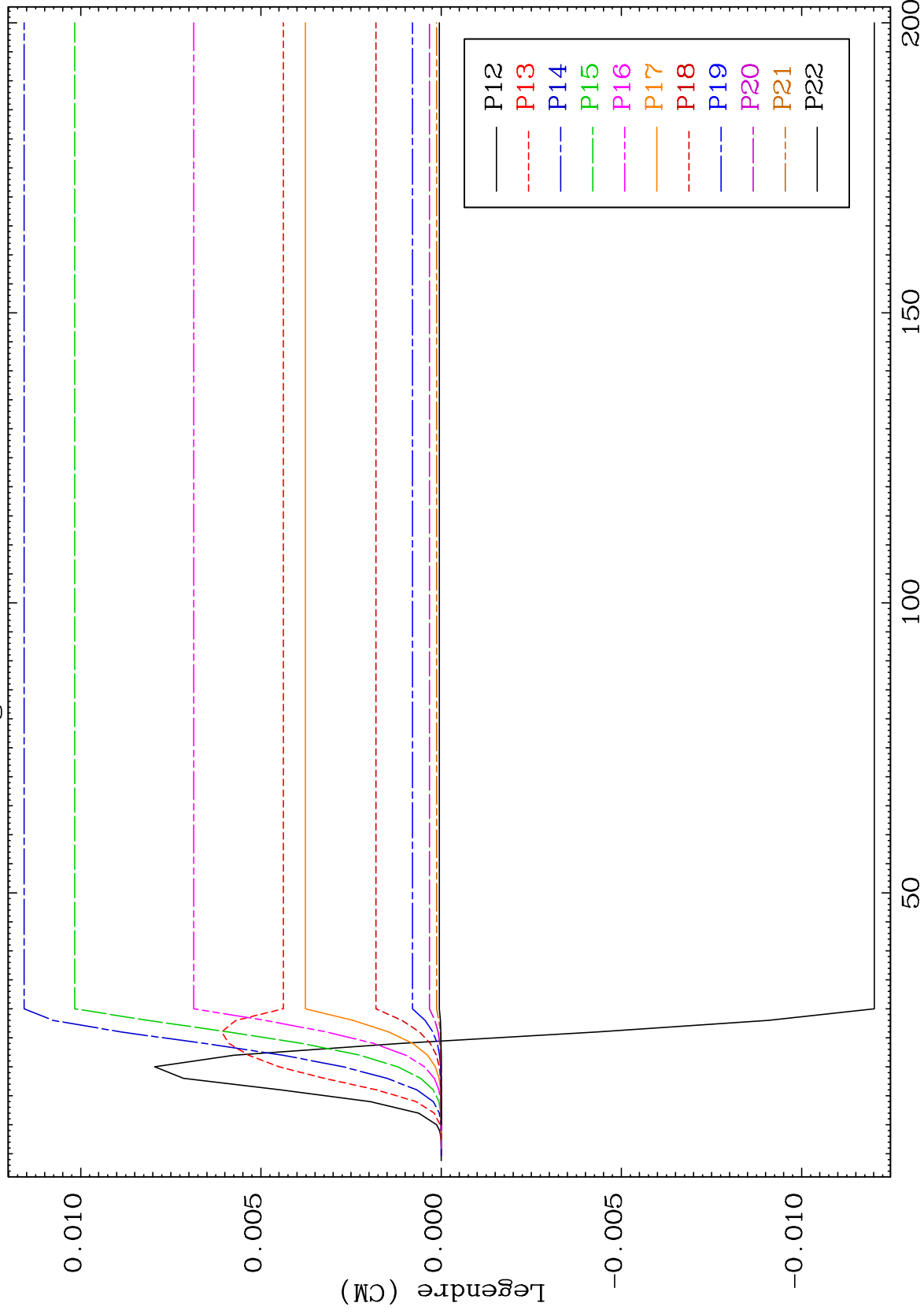
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



76

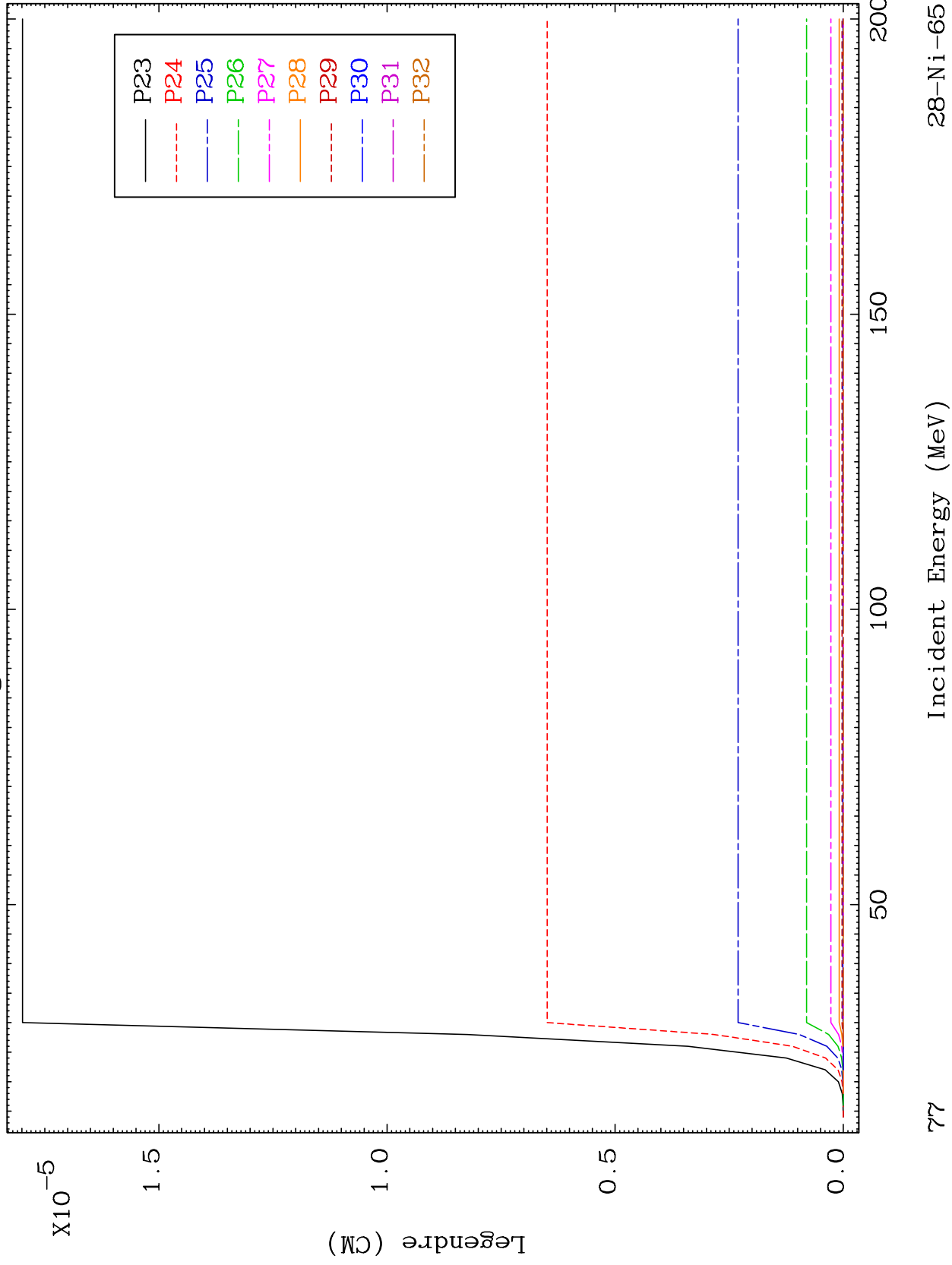
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

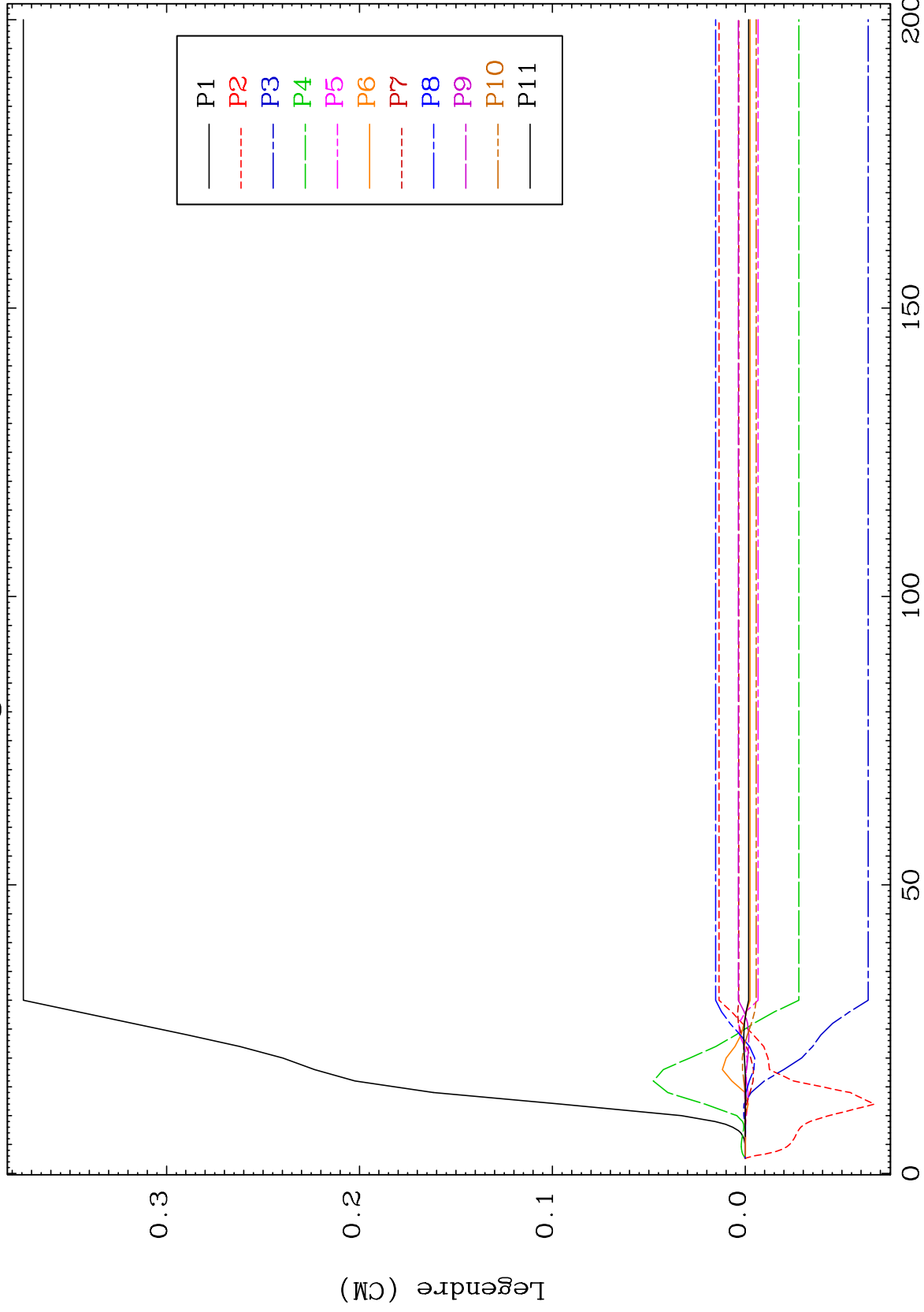
28-Ni-65



MAT 2846

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

28-Ni-65



78

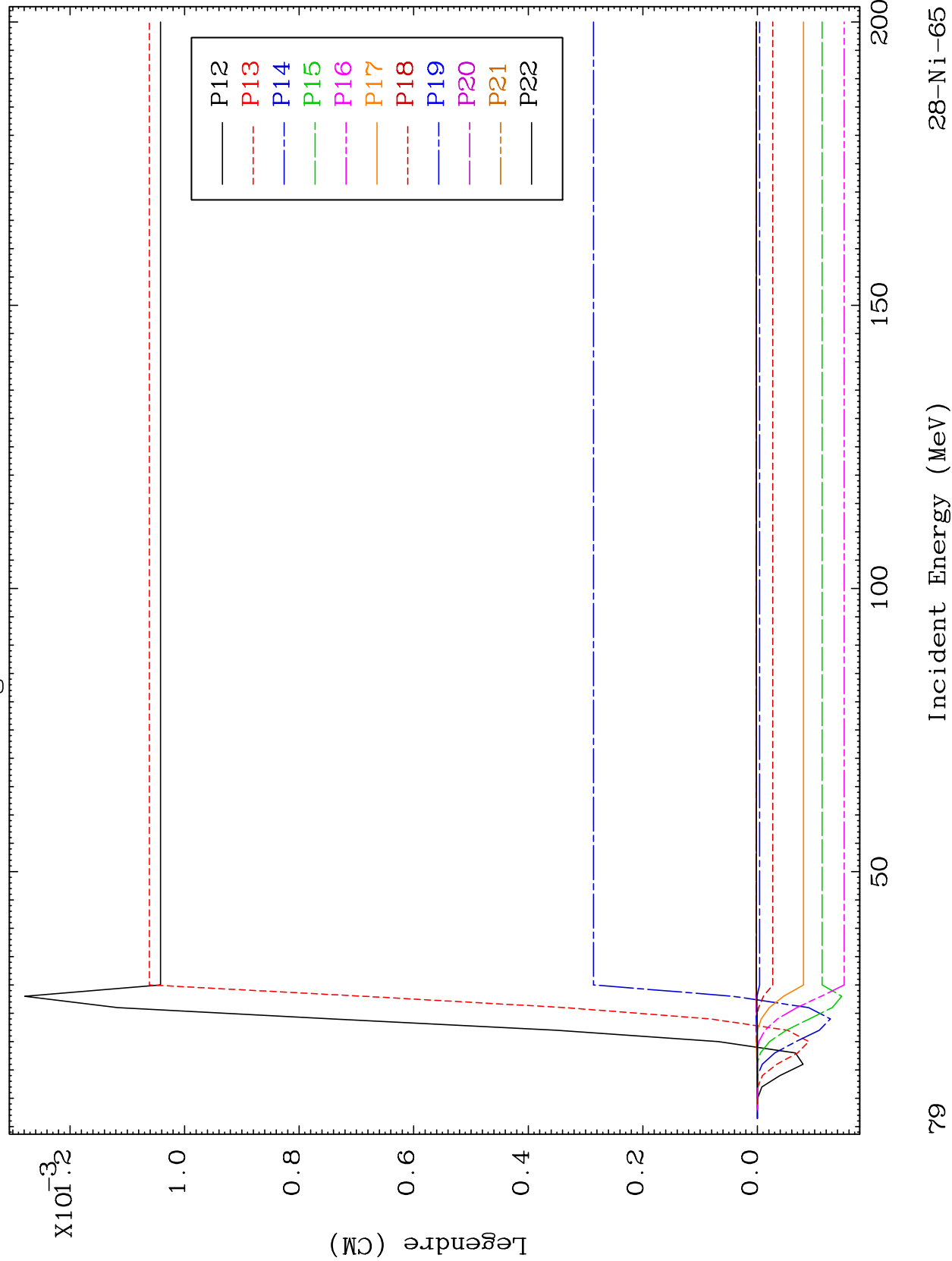
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

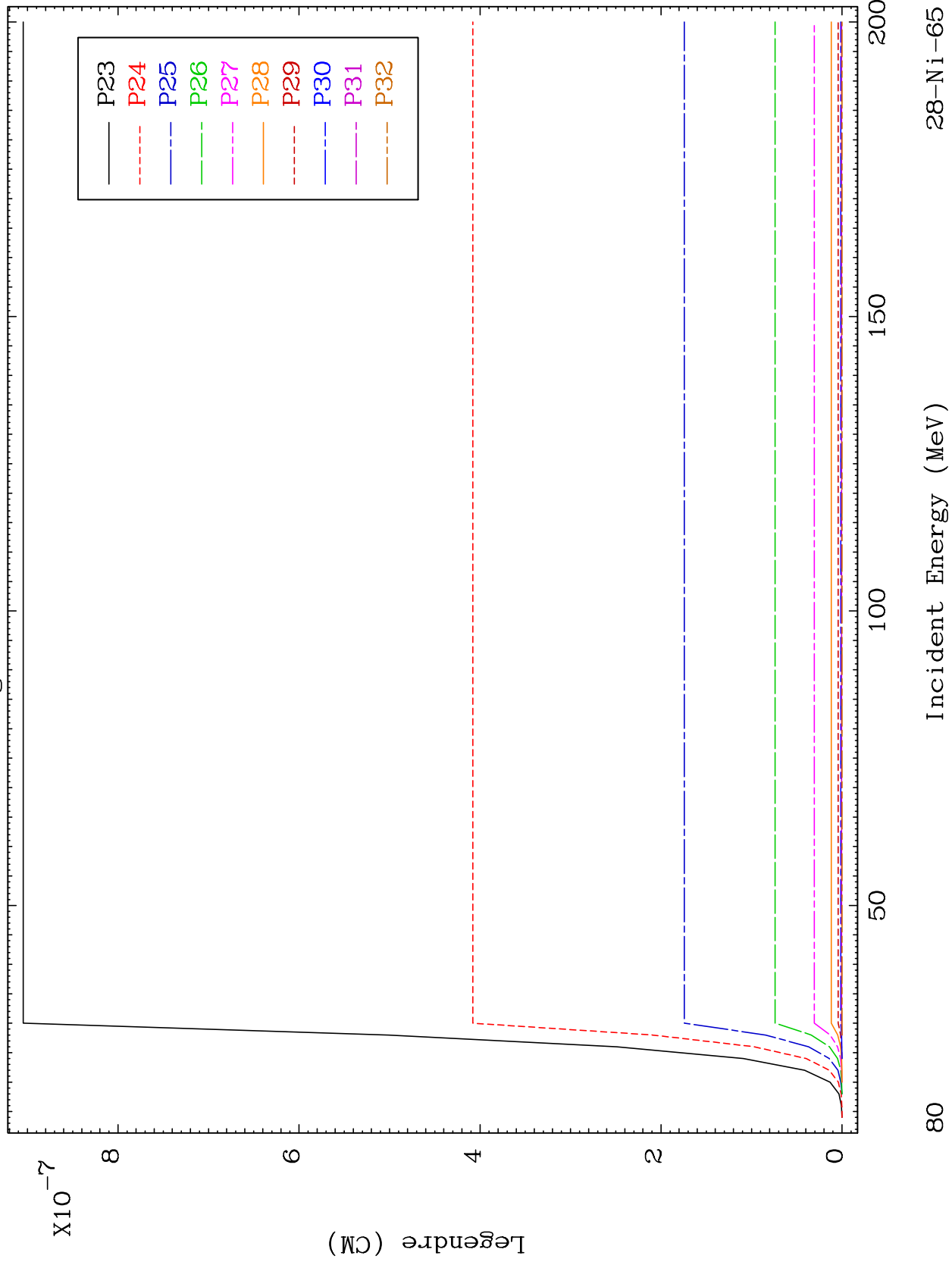
28-Ni-65

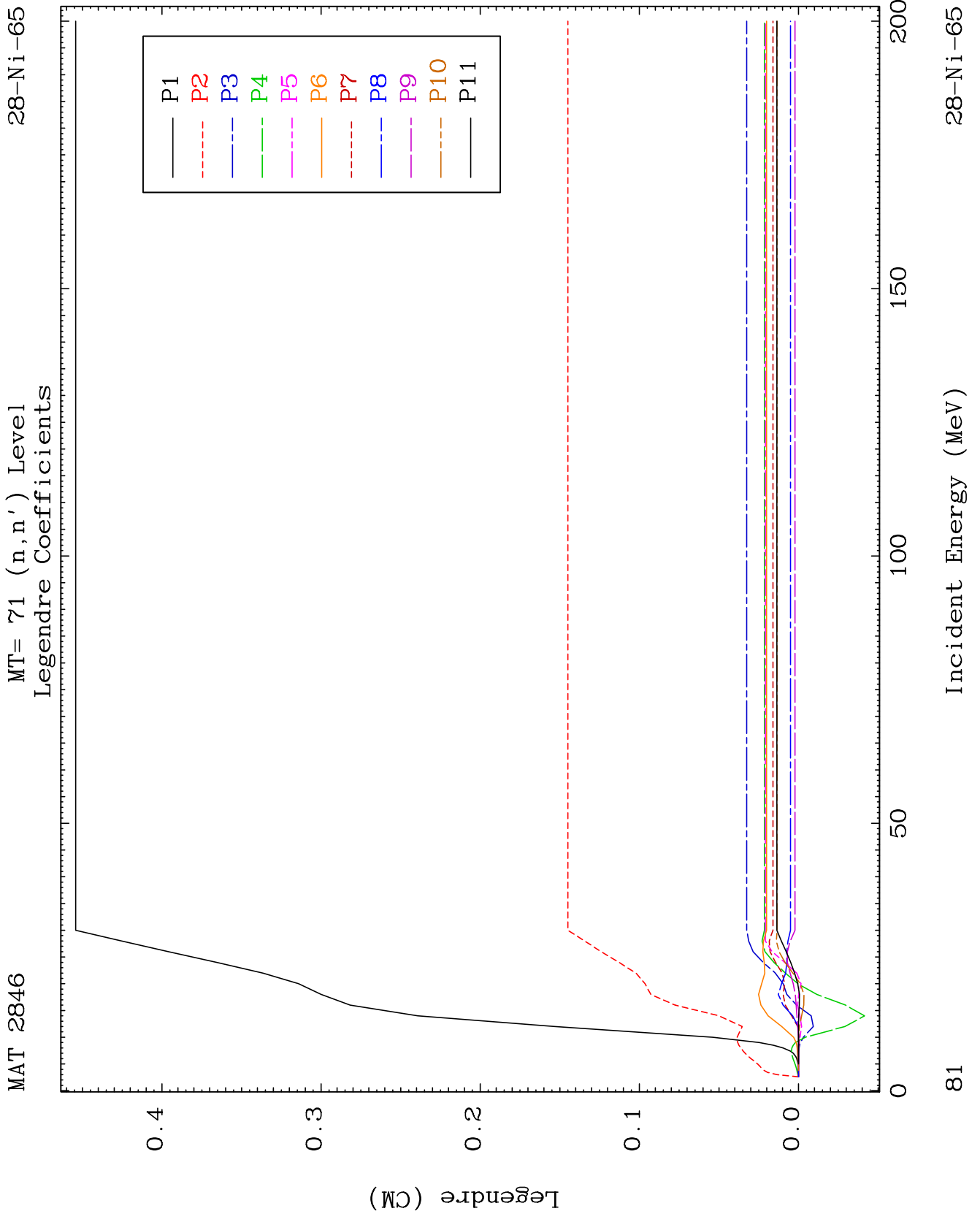


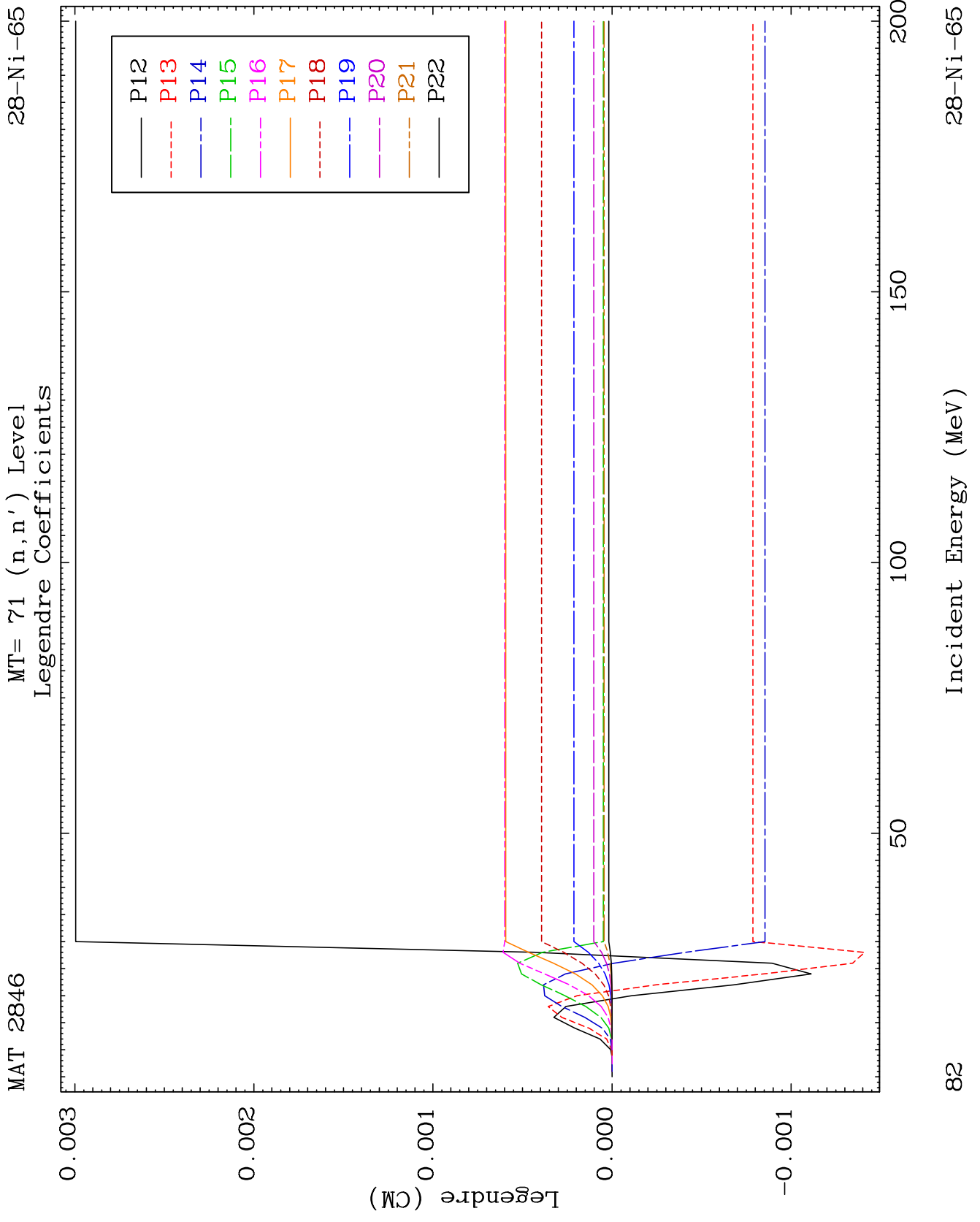
MAT 2846

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

28-Ni-65



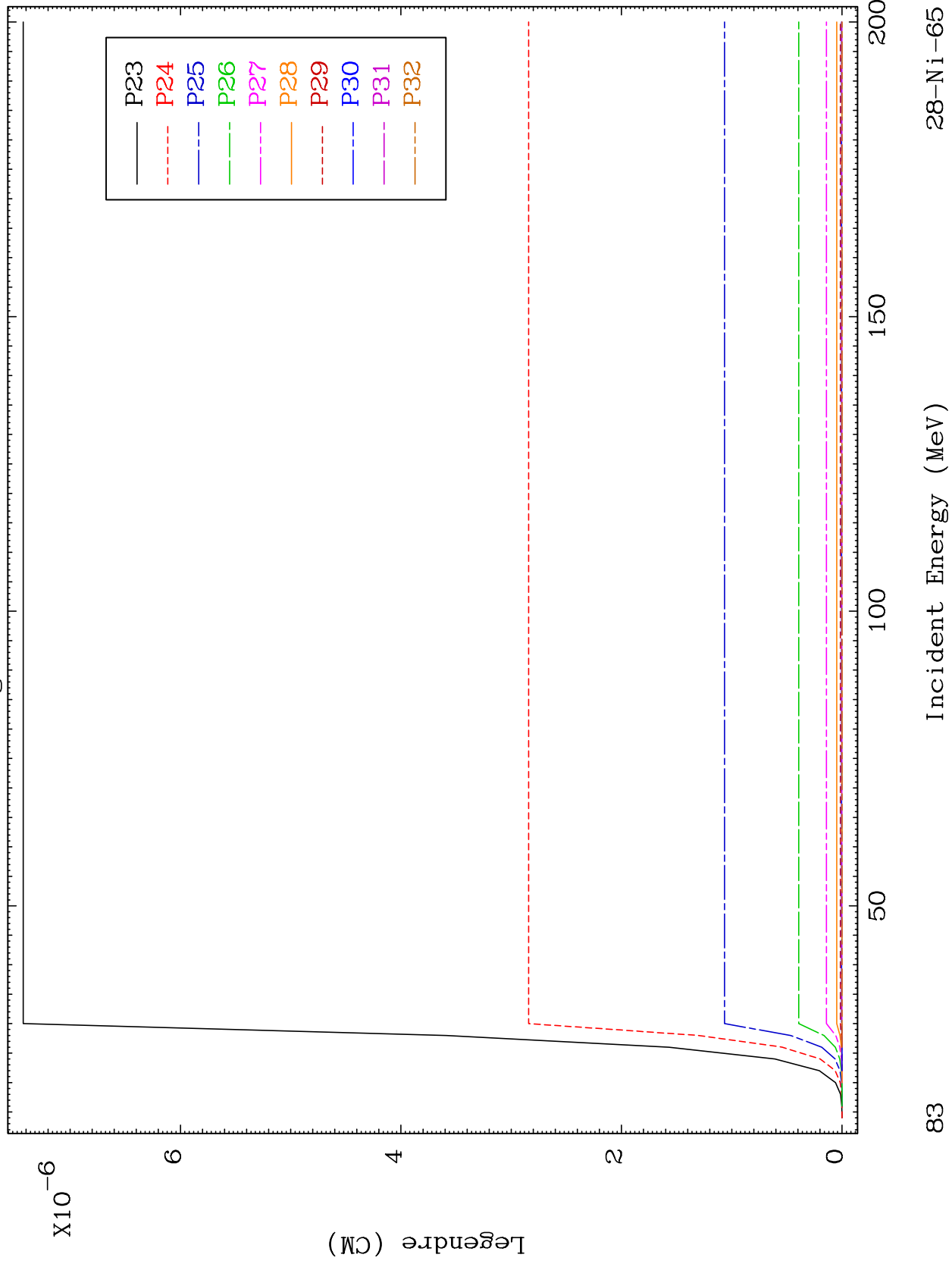




MAT 2846

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

28-Ni-65



83

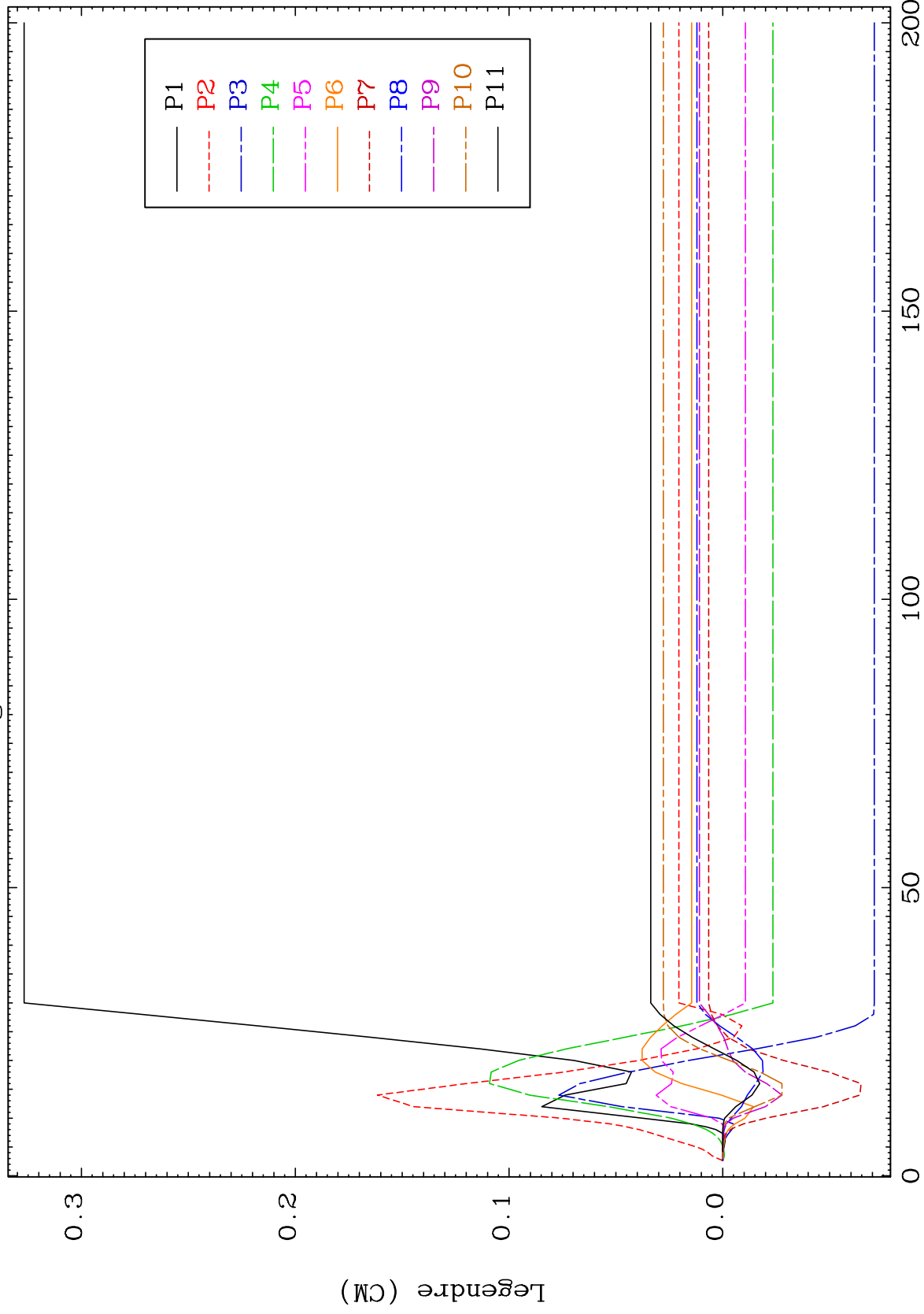
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



84

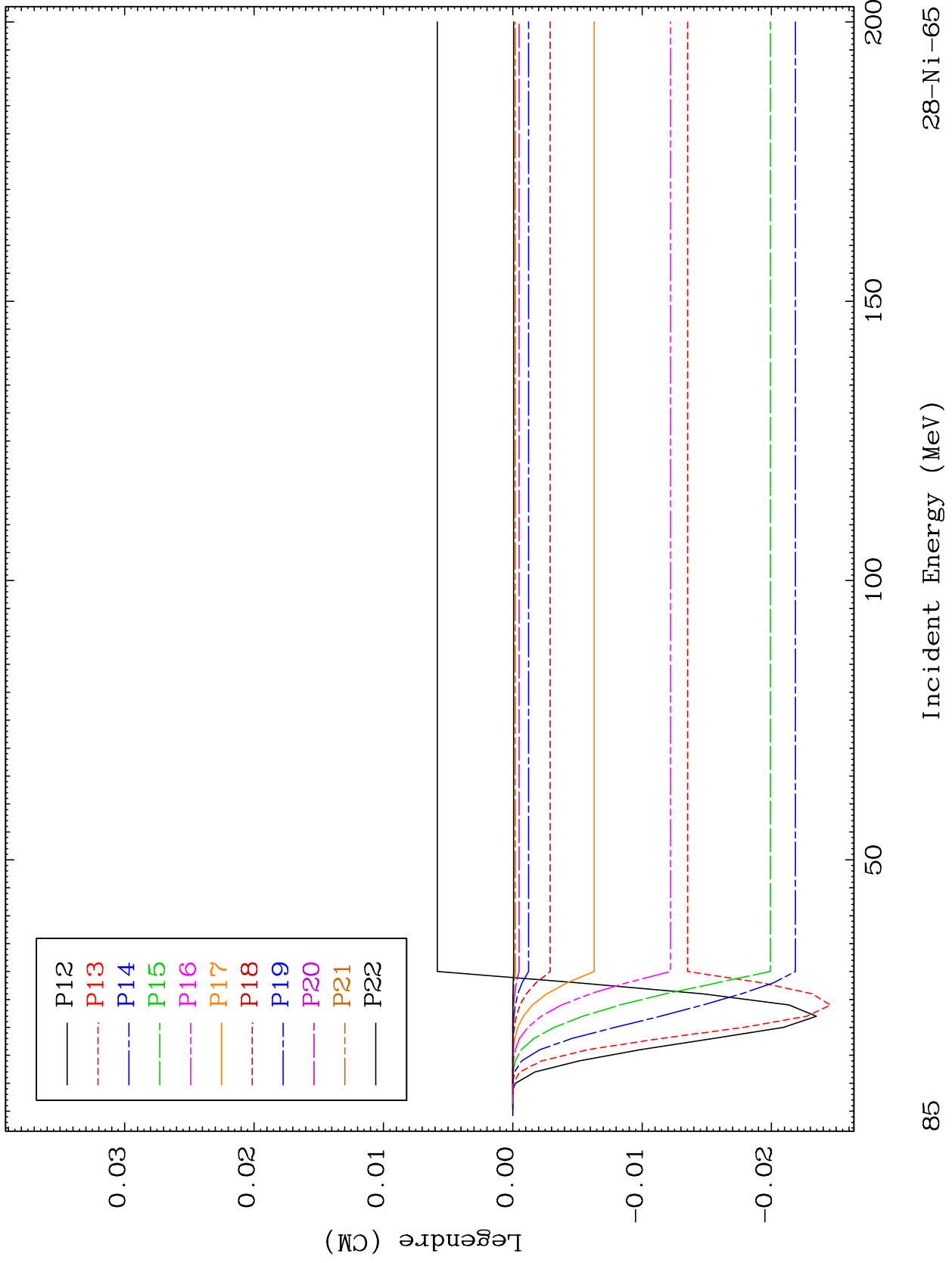
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

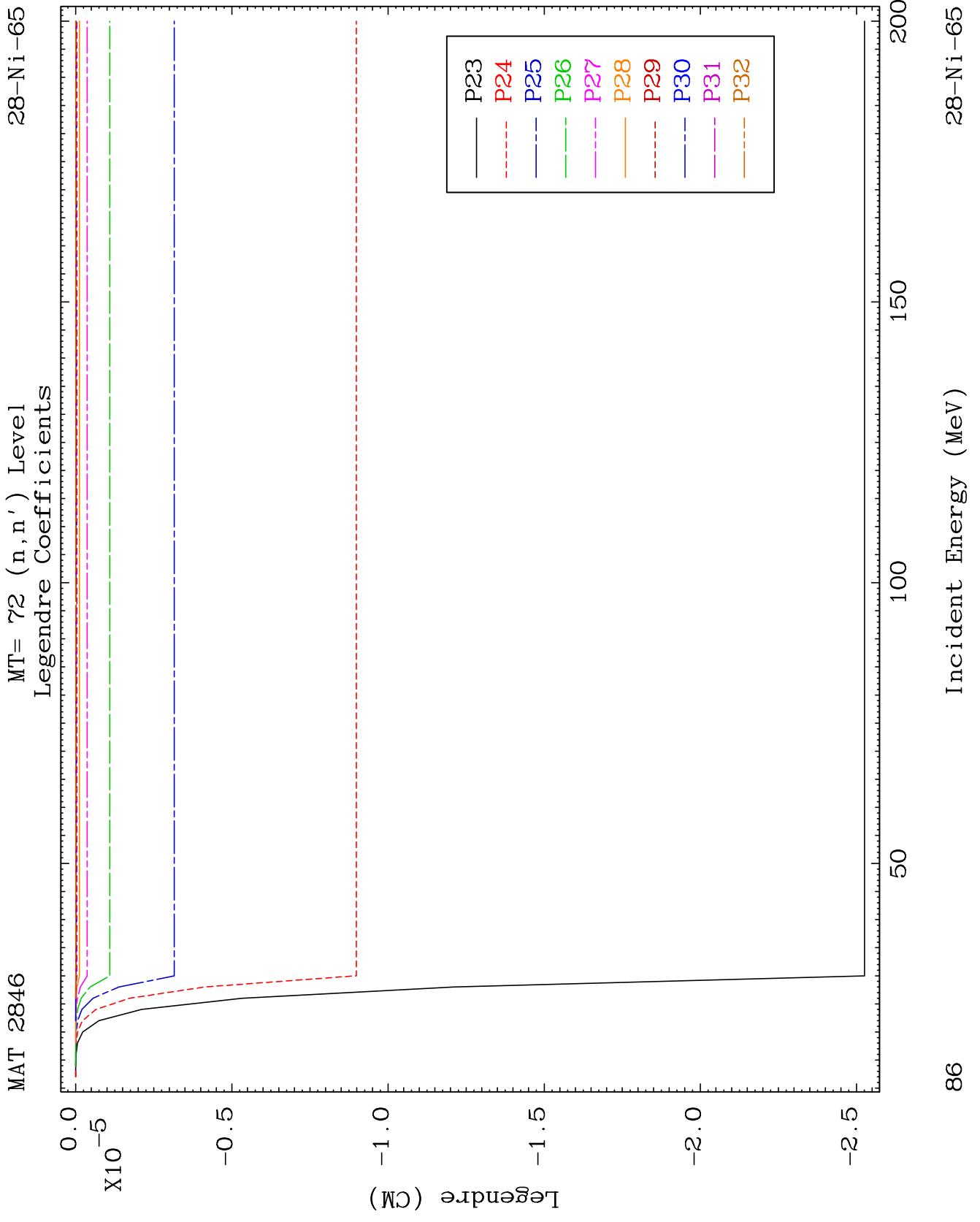
28-Ni-65



85

Incident Energy (MeV)

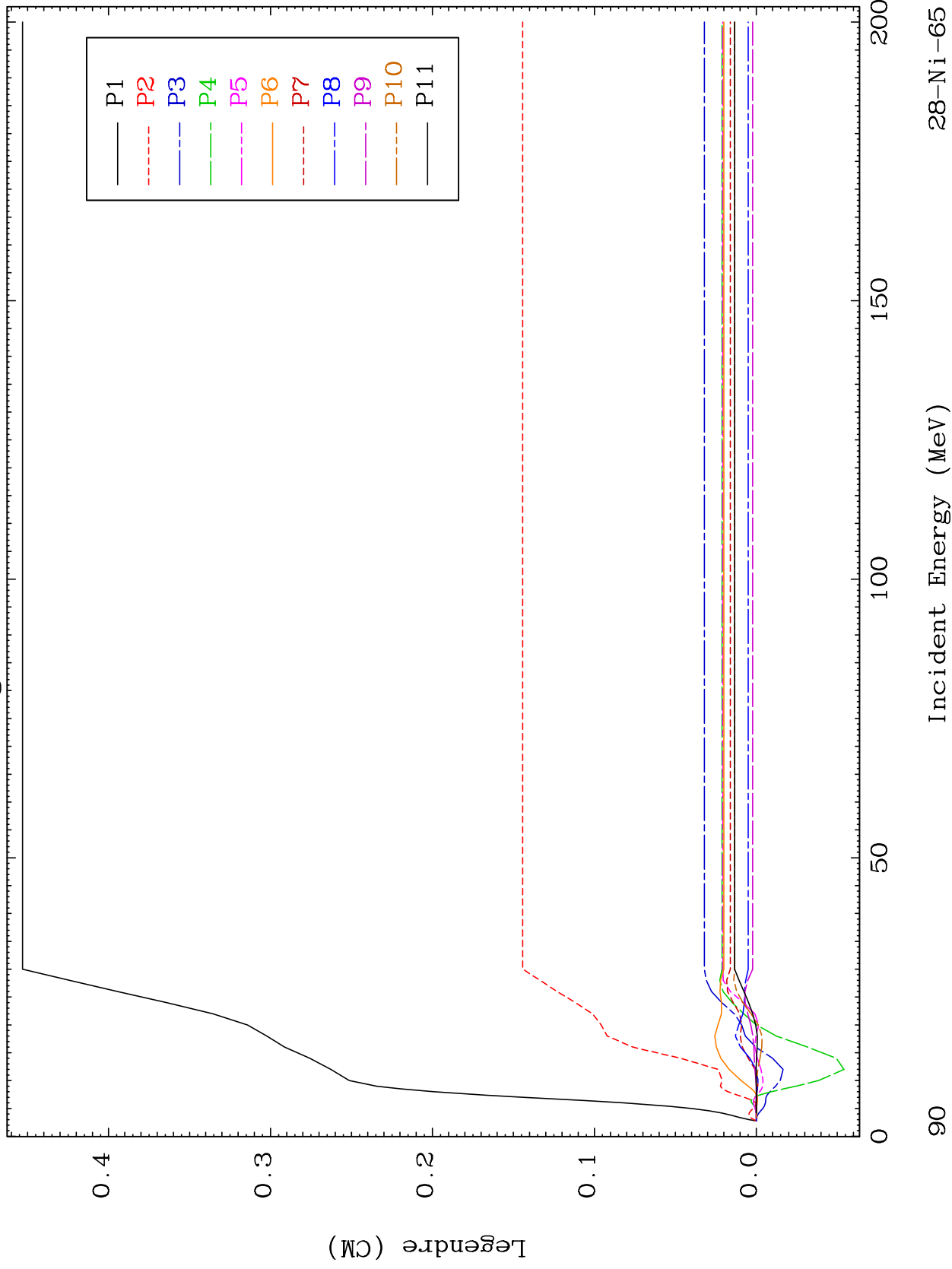
28-Ni-65



MAT 2846

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

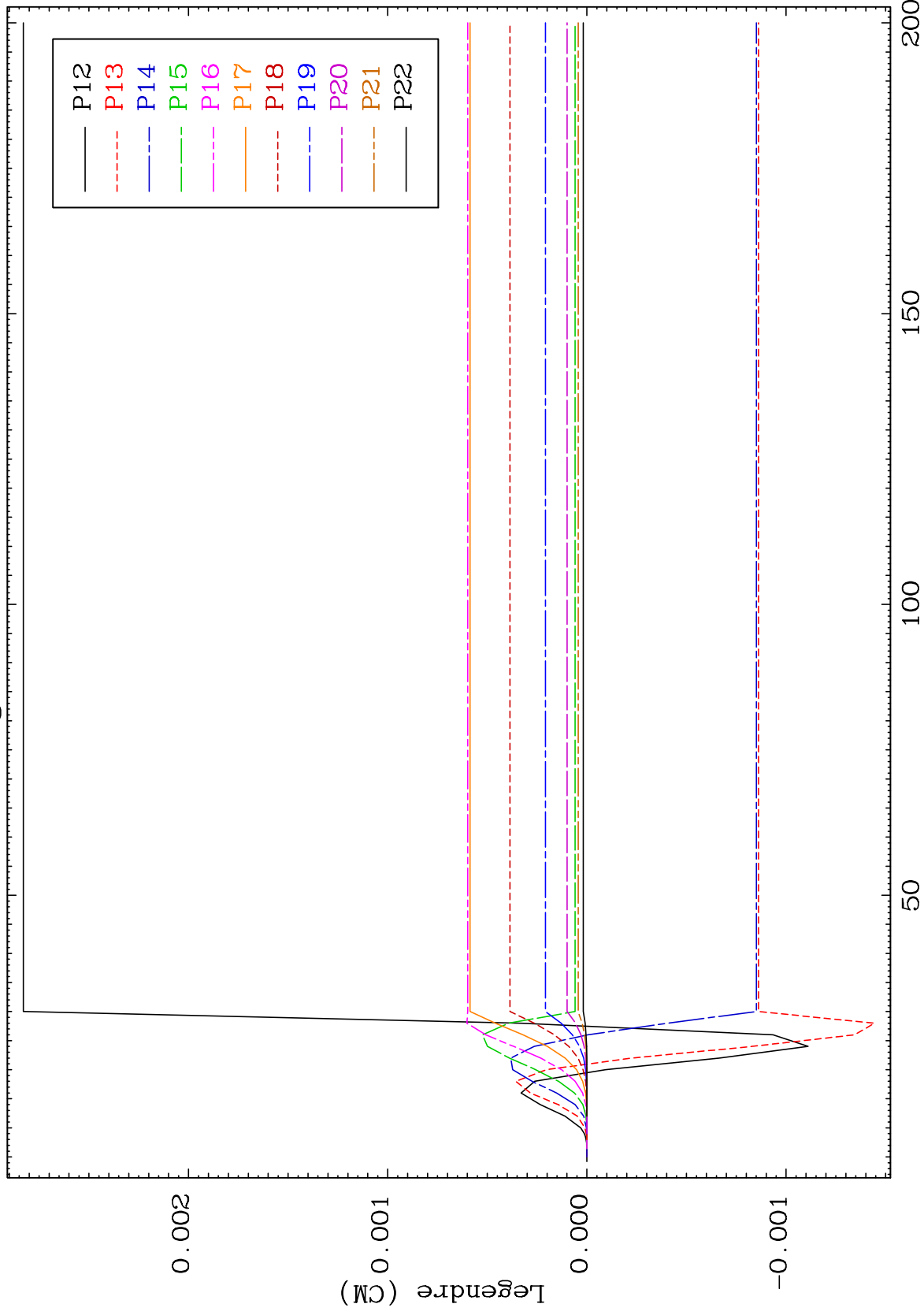
28-Ni-65



MAT 2846

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

28-Ni-65



91

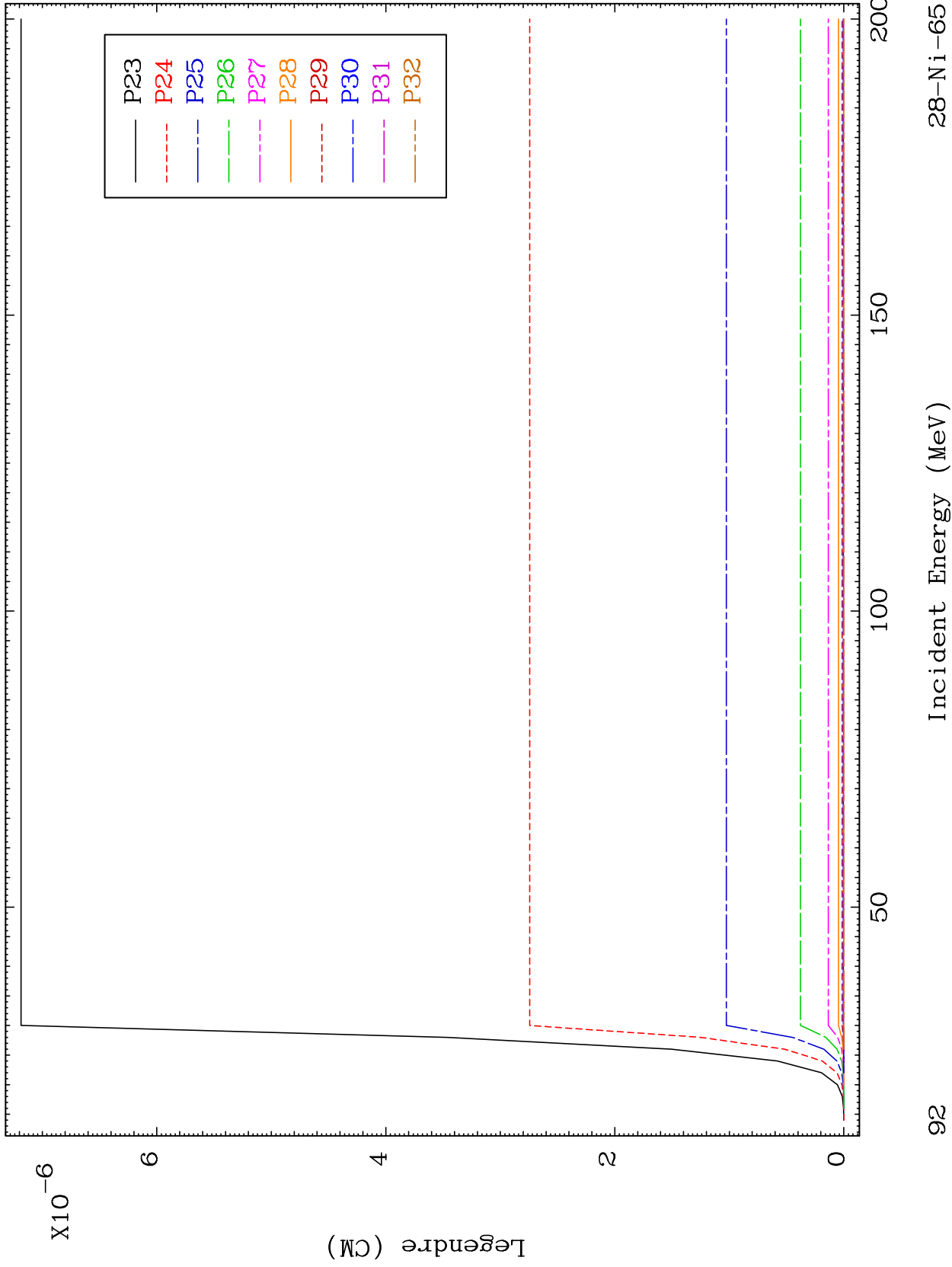
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

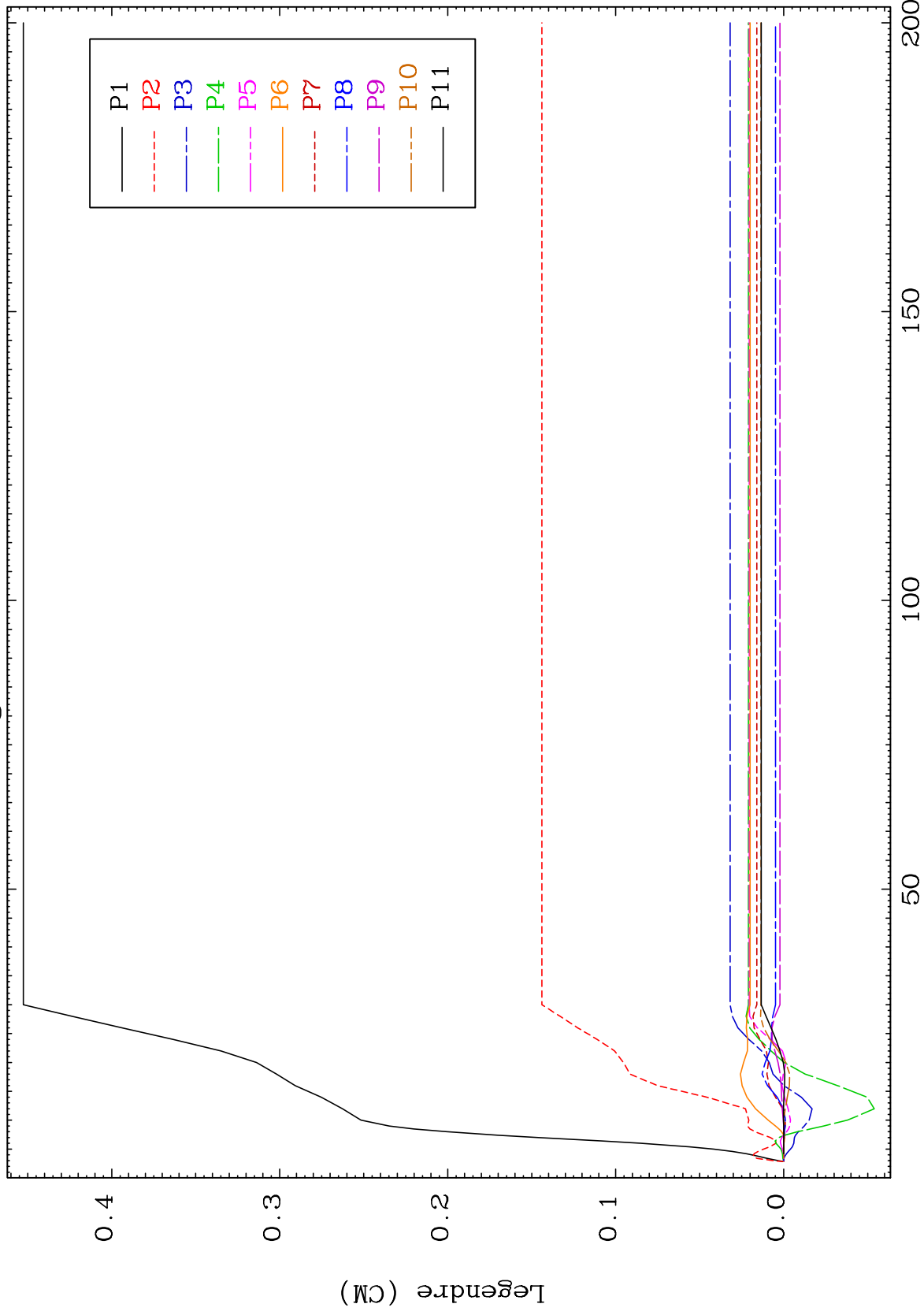
28-Ni-65



MAT 2846

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

28-Ni-65



93

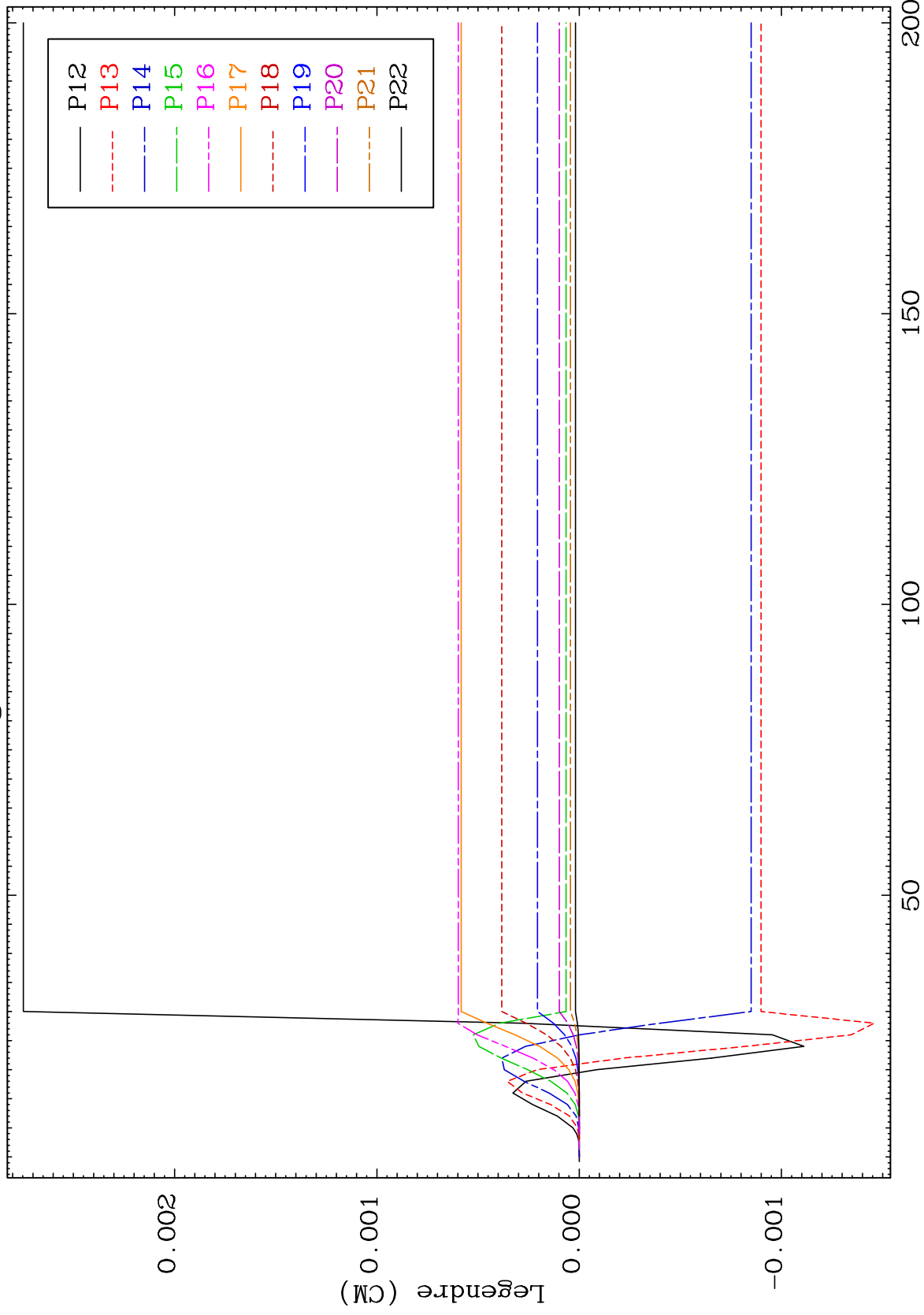
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



94

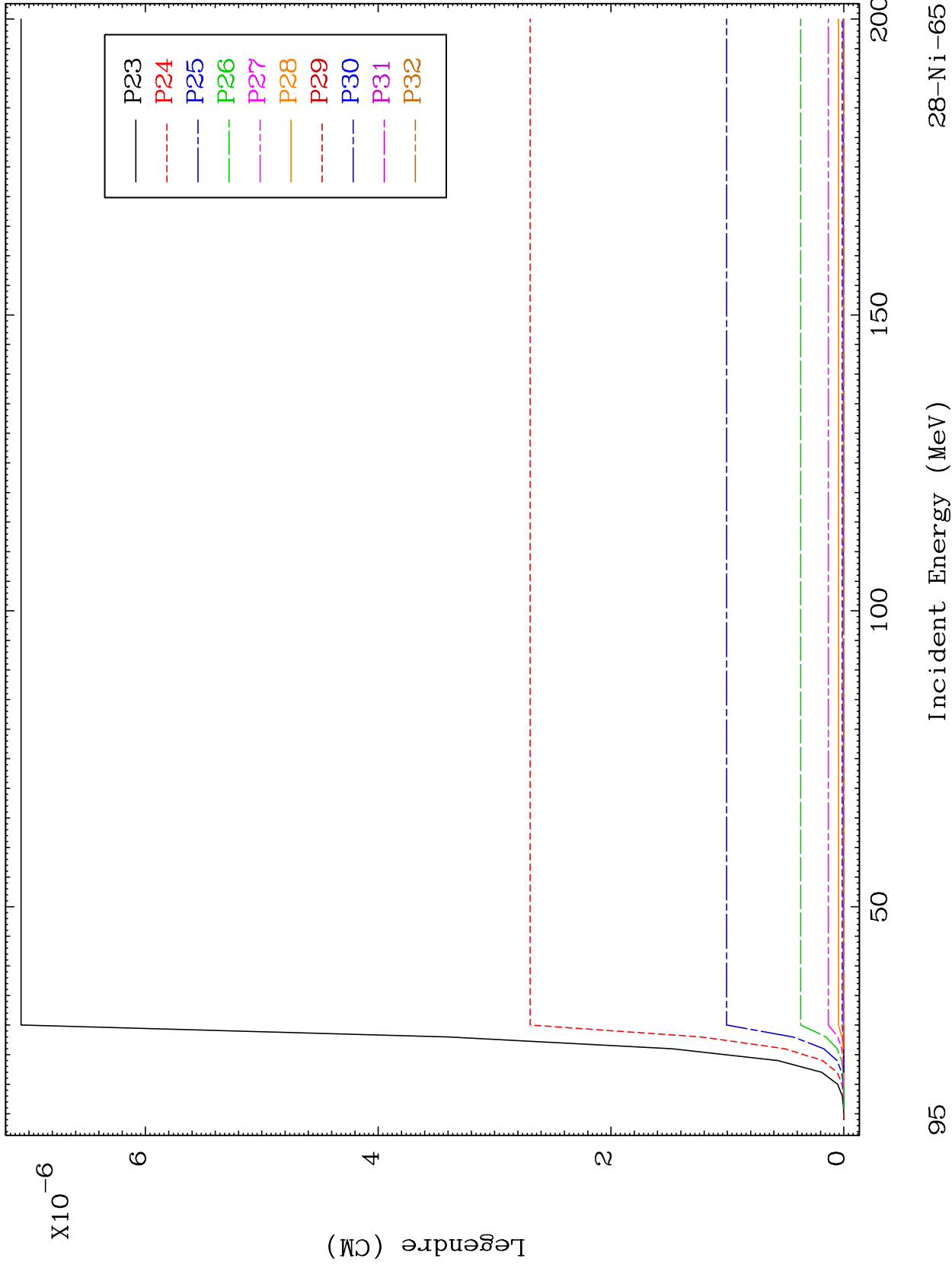
Incident Energy (MeV)

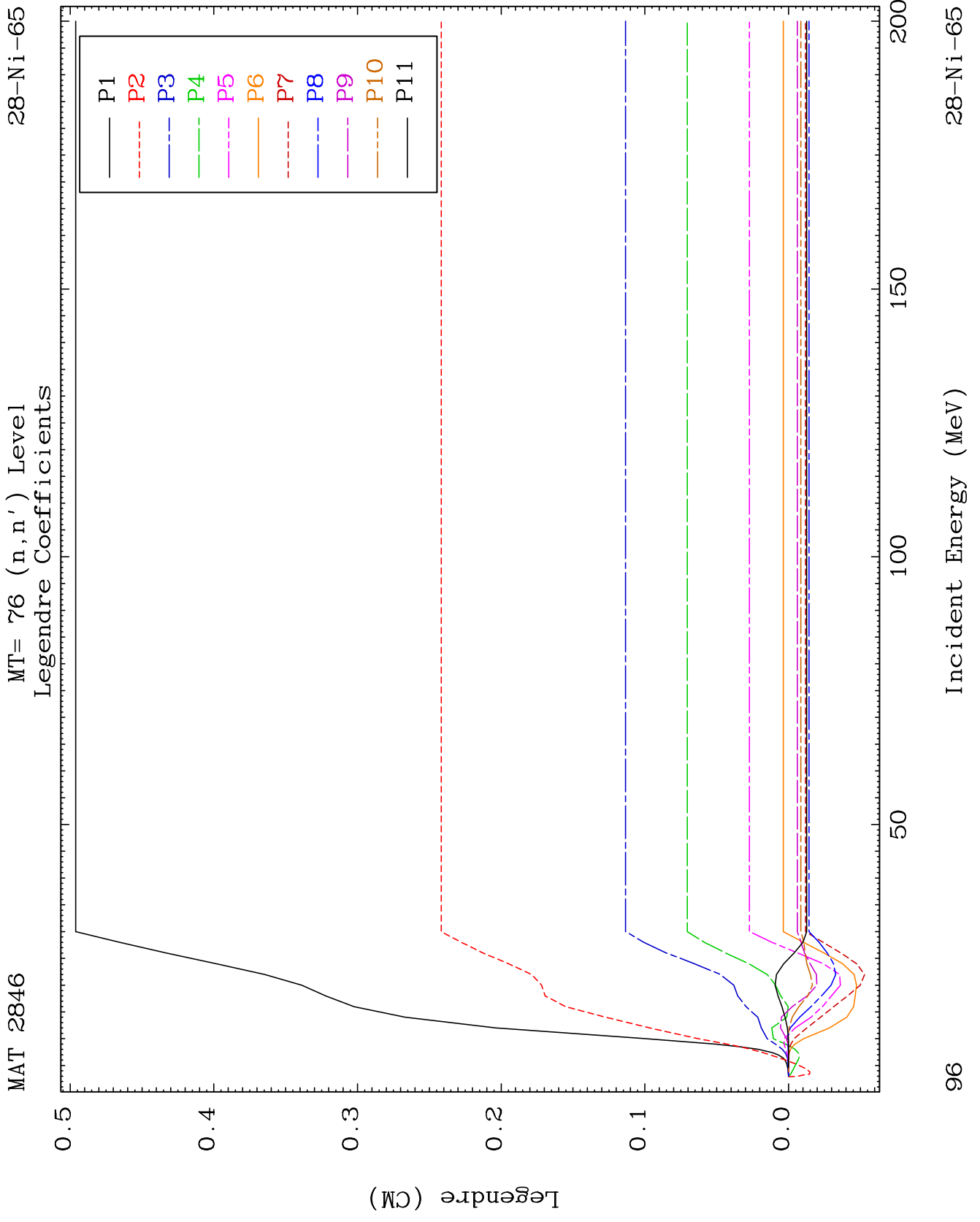
28-Ni-65

MAT 2846

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

28-Ni-65

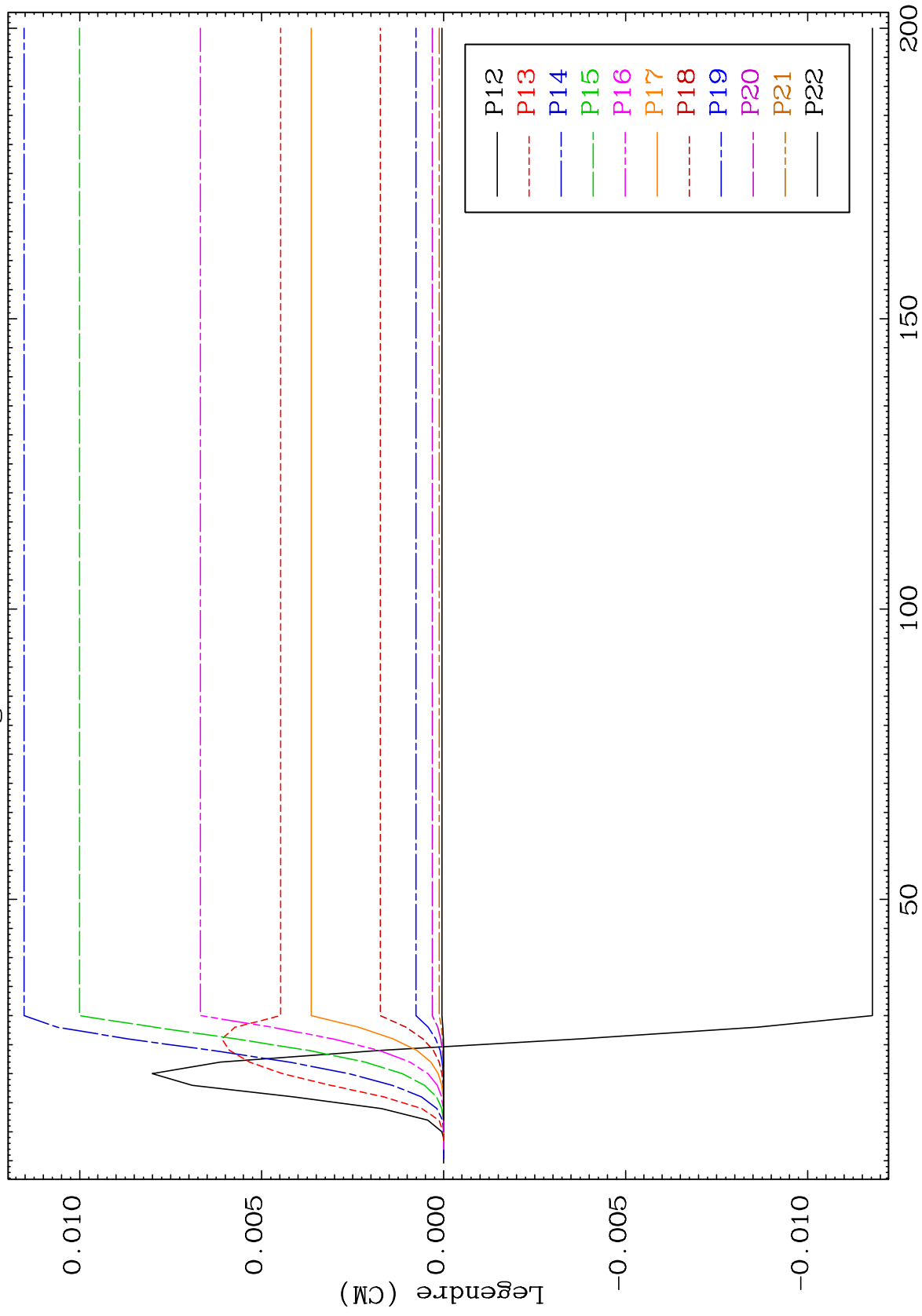




MAT 2846

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

28-Ni-65



97

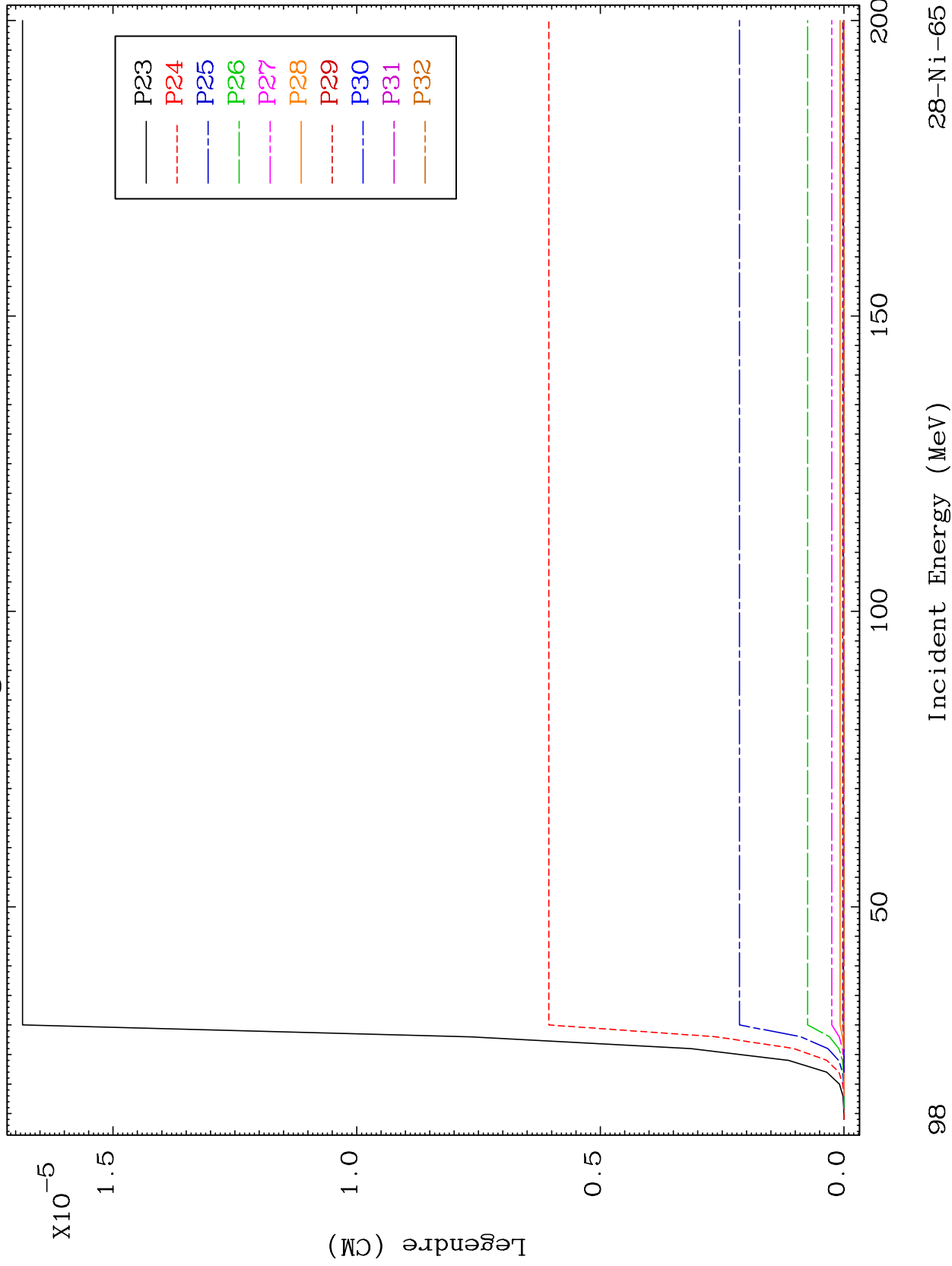
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65

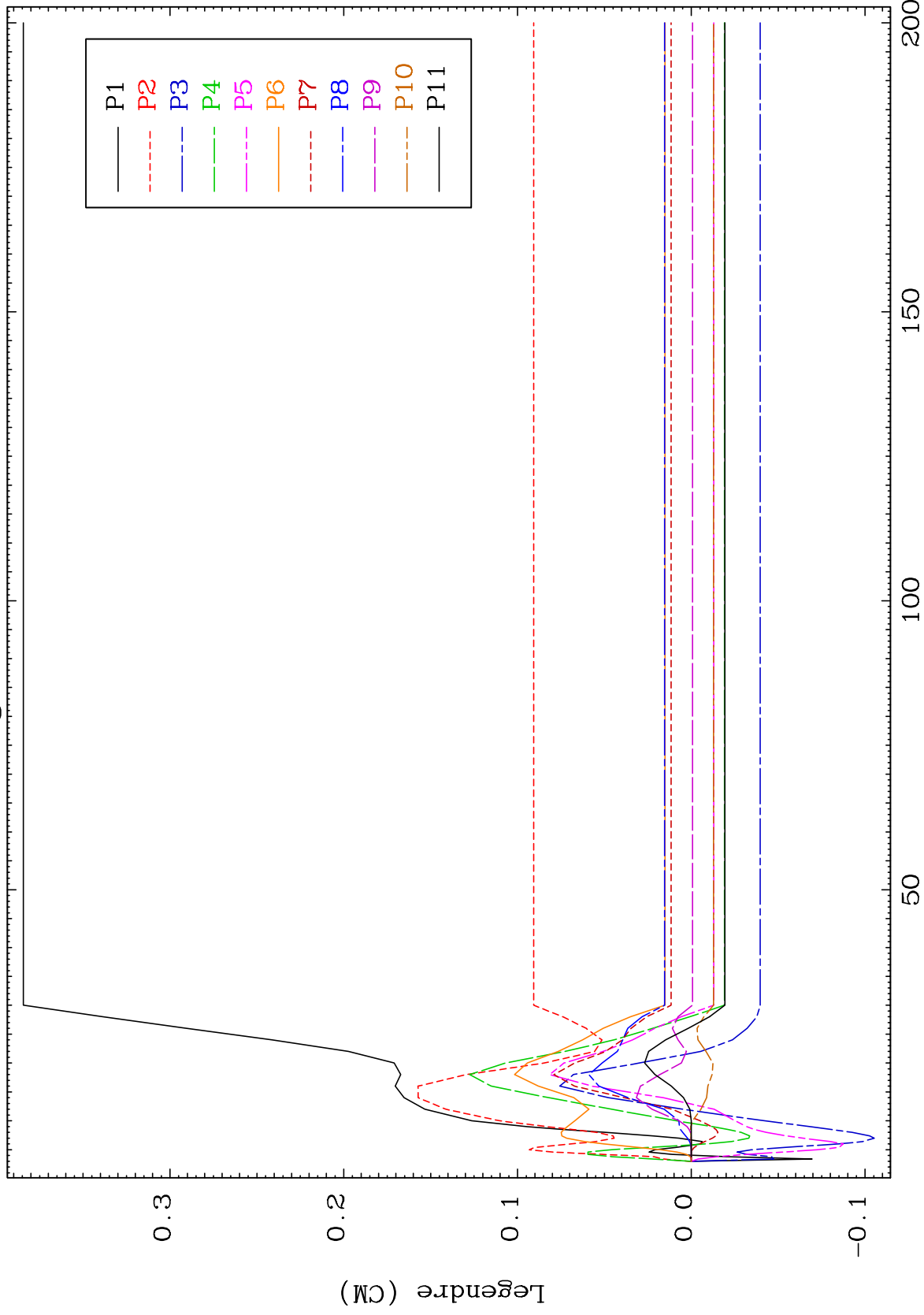


98

MAT 2846

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

28-Ni-65



99

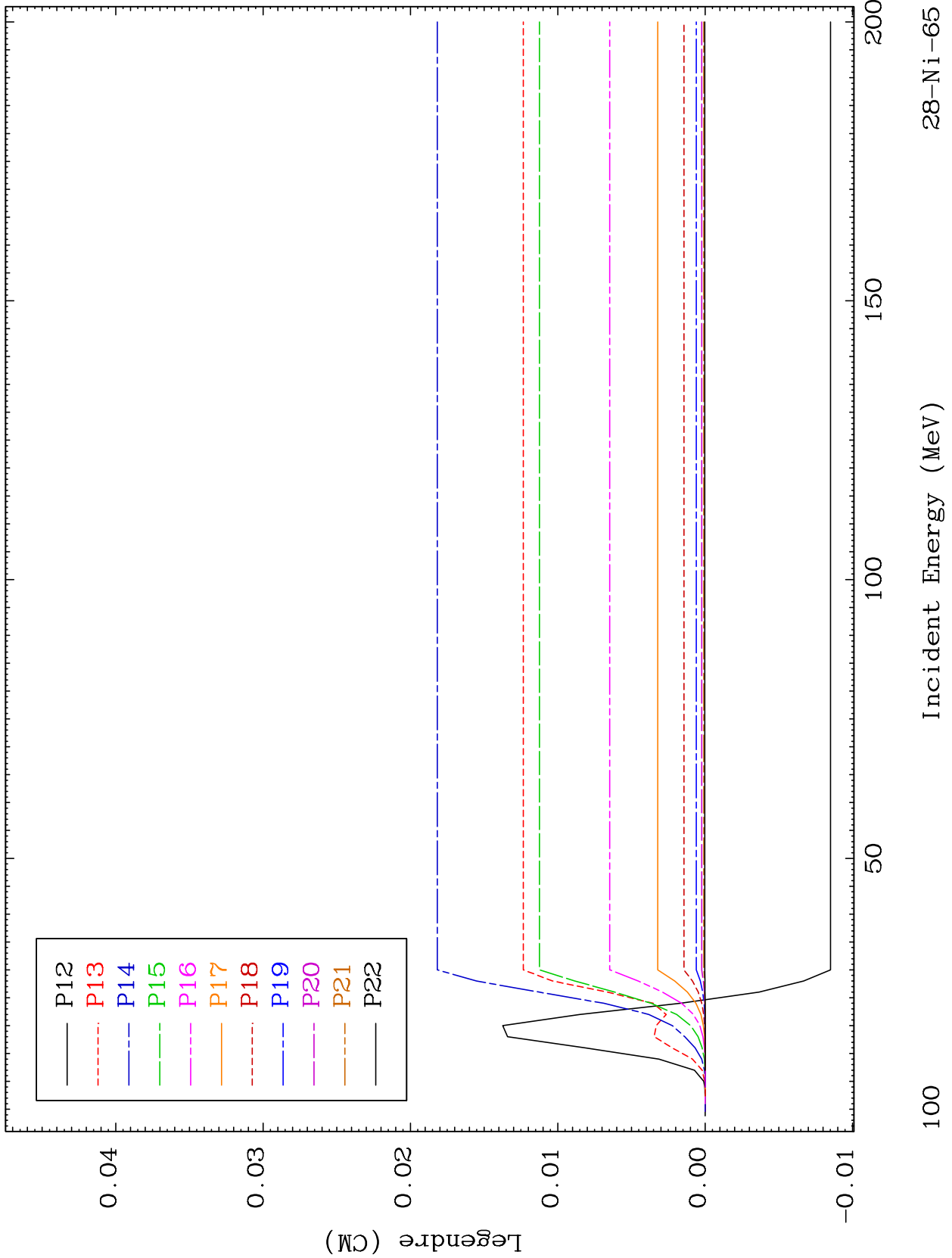
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65

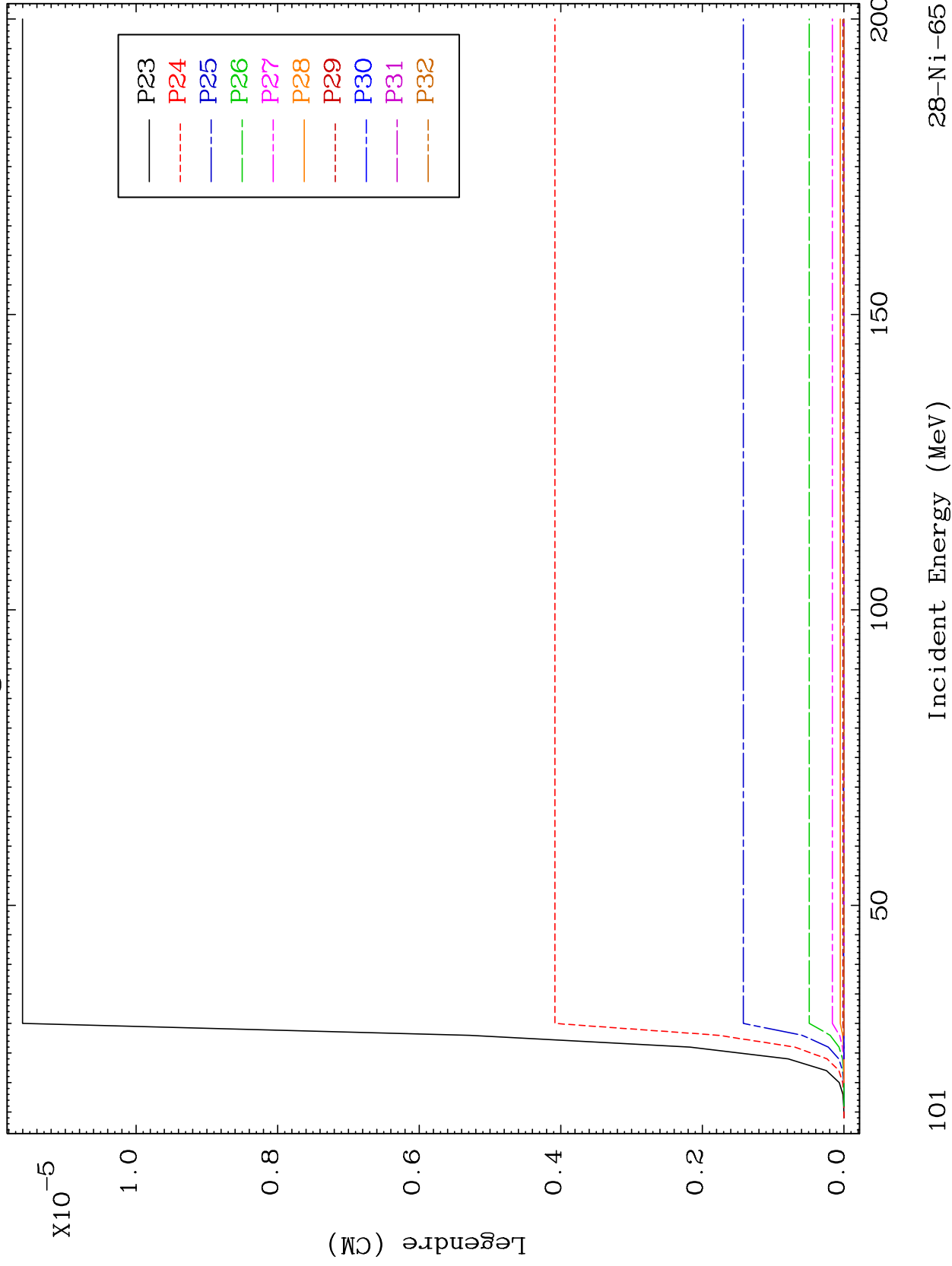


28-Ni-65

MAT 2846

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

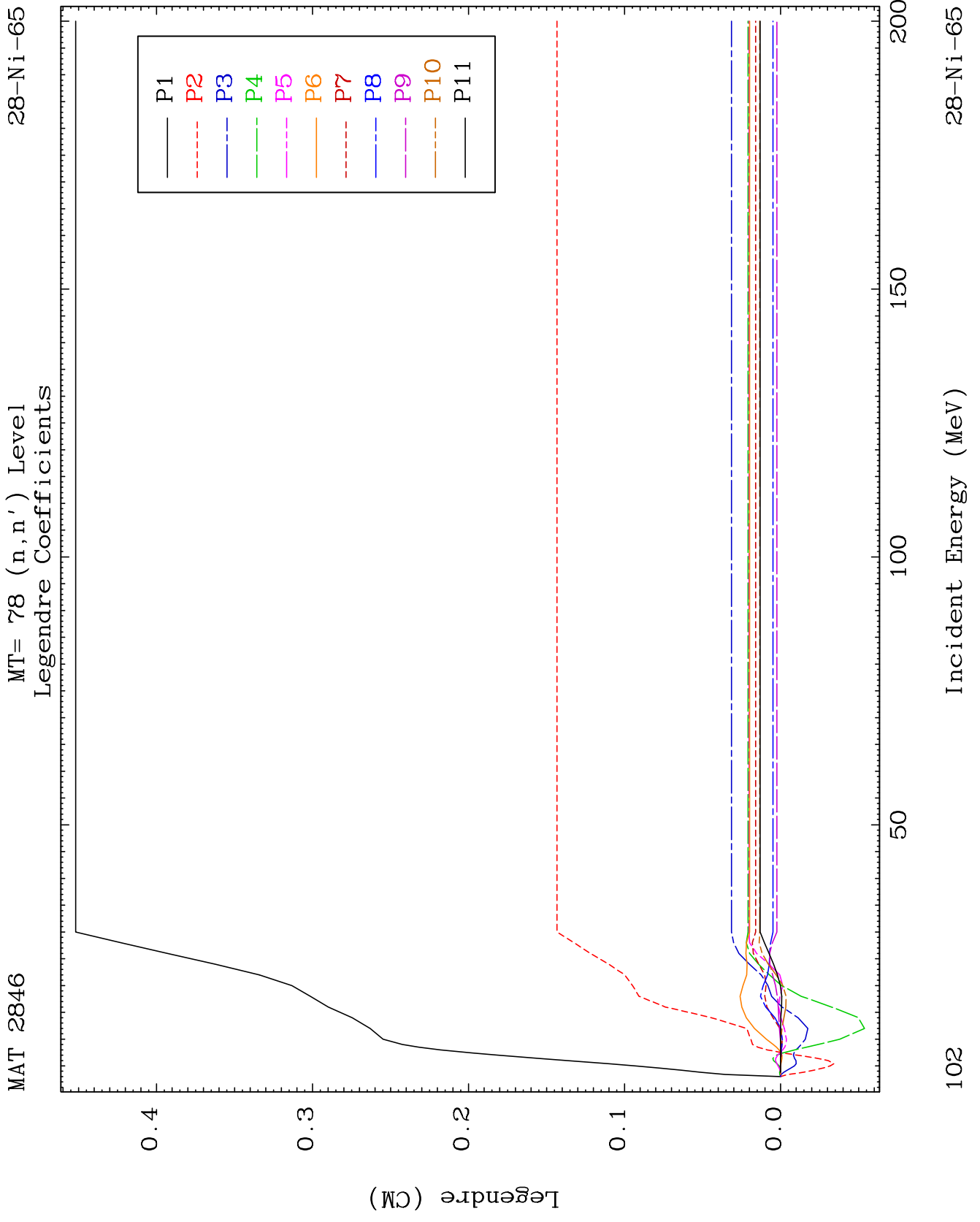
28-Ni-65



101

Incident Energy (MeV)

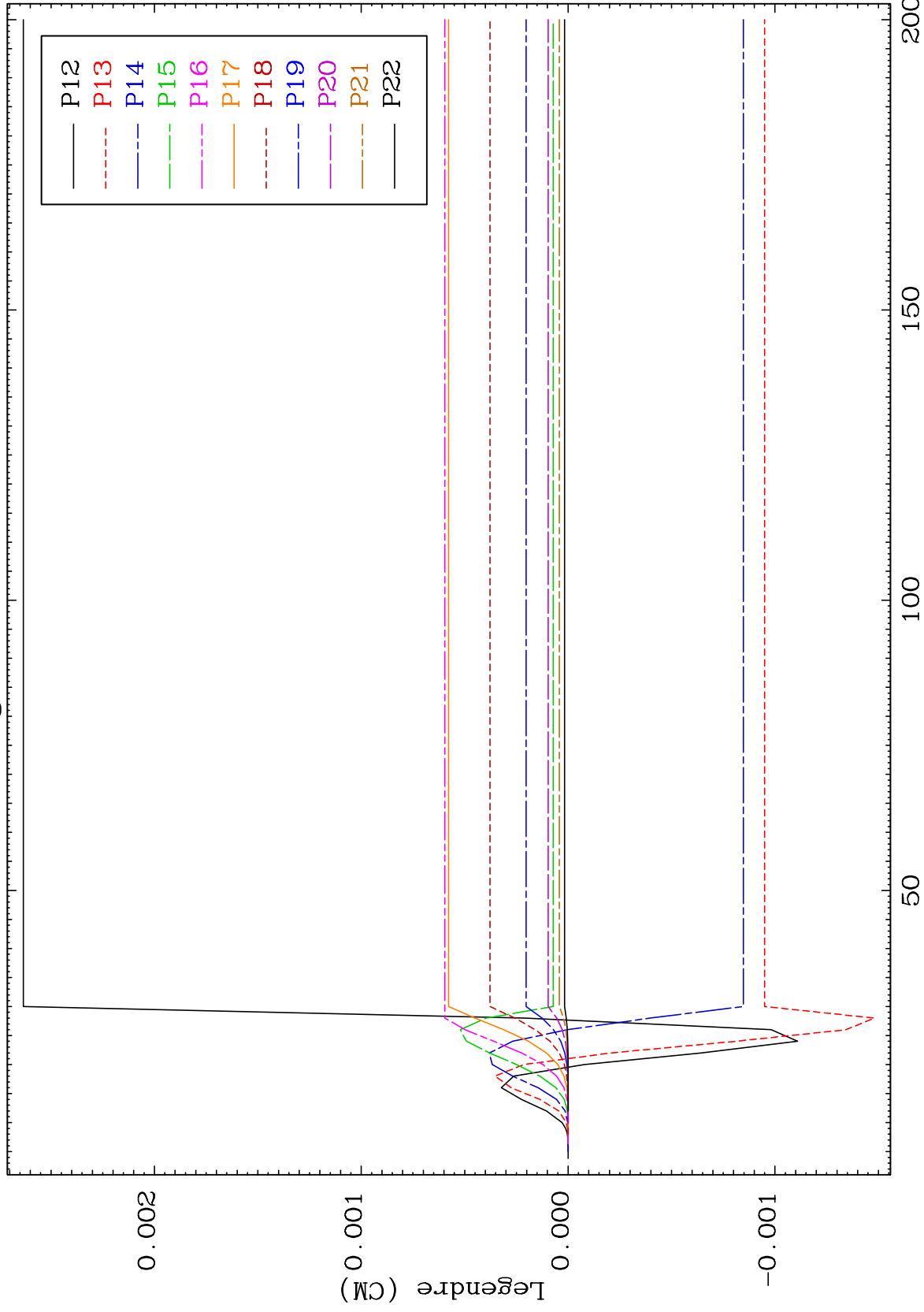
28-Ni-65



MAT 2846

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

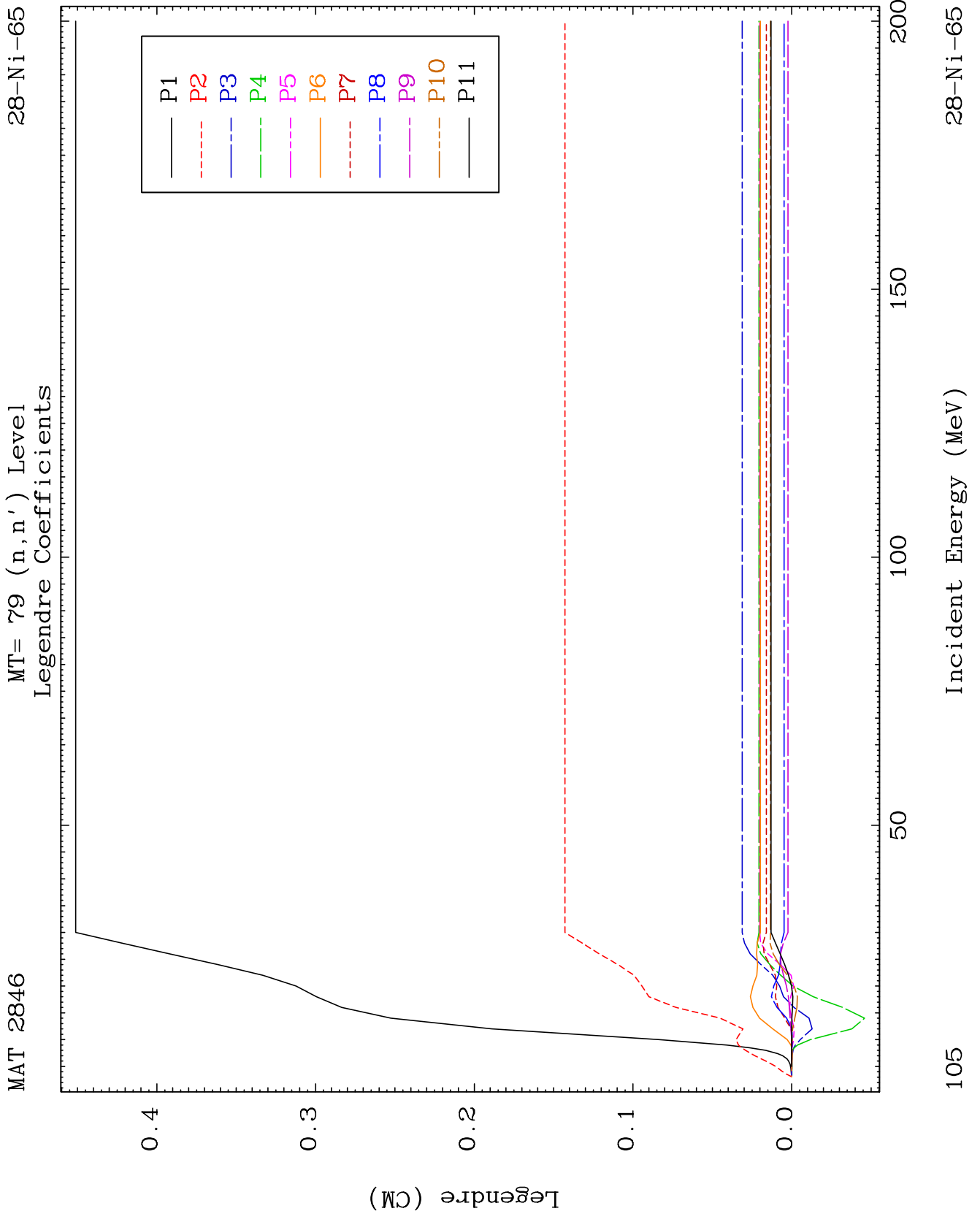
28-Ni-65



103

Incident Energy (MeV)

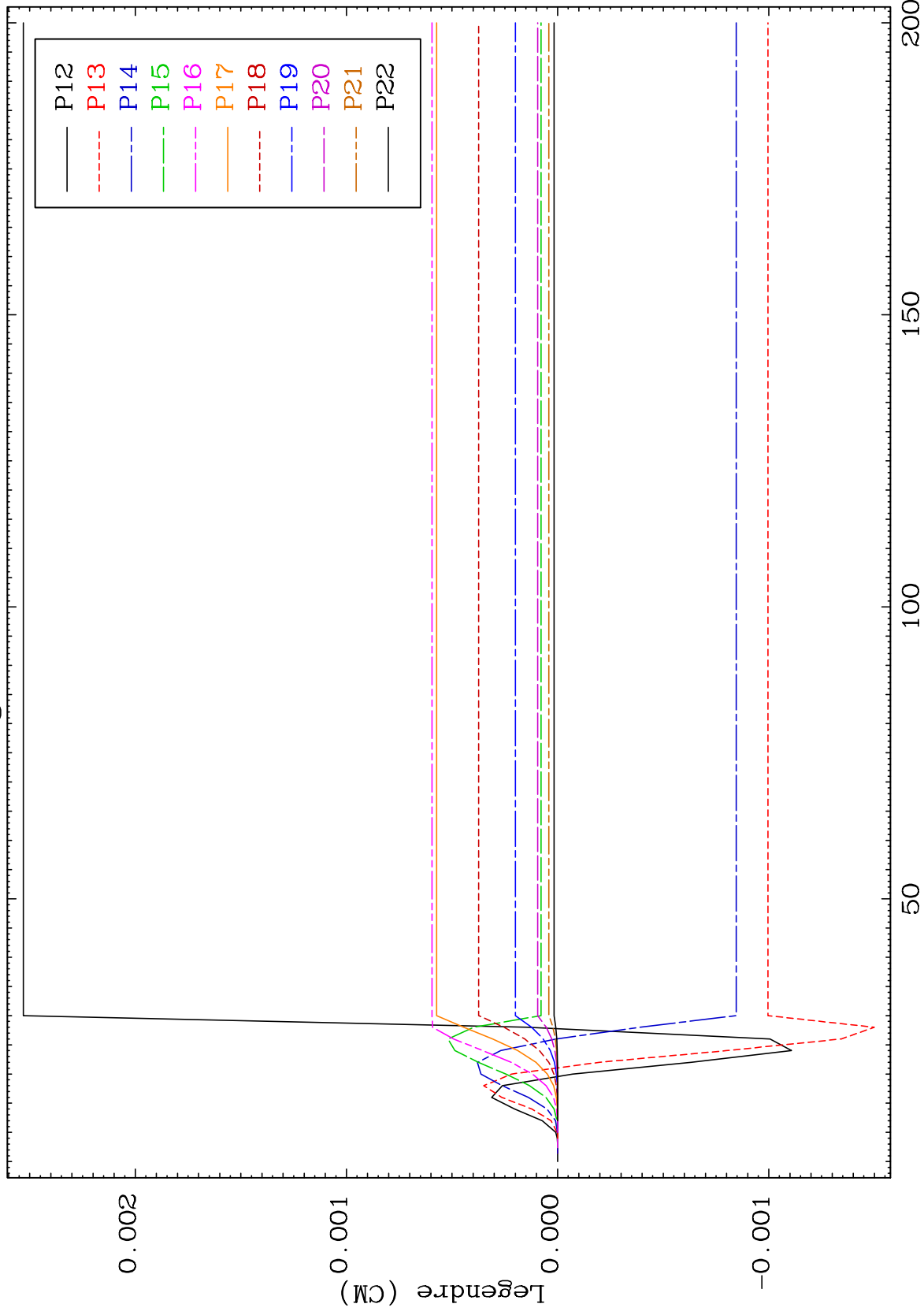
28-Ni-65



MAT 2846

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

28-Ni-65



106

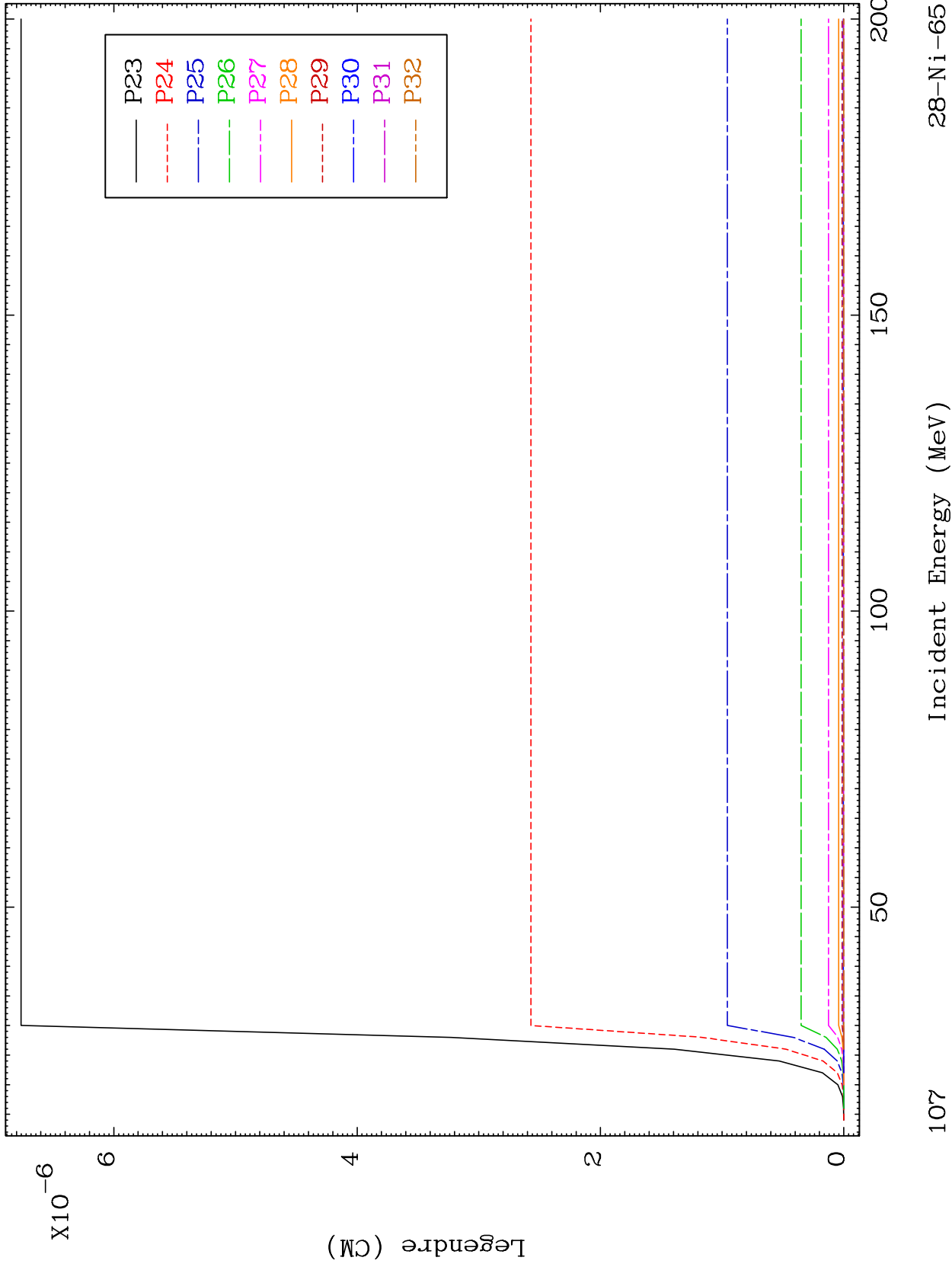
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

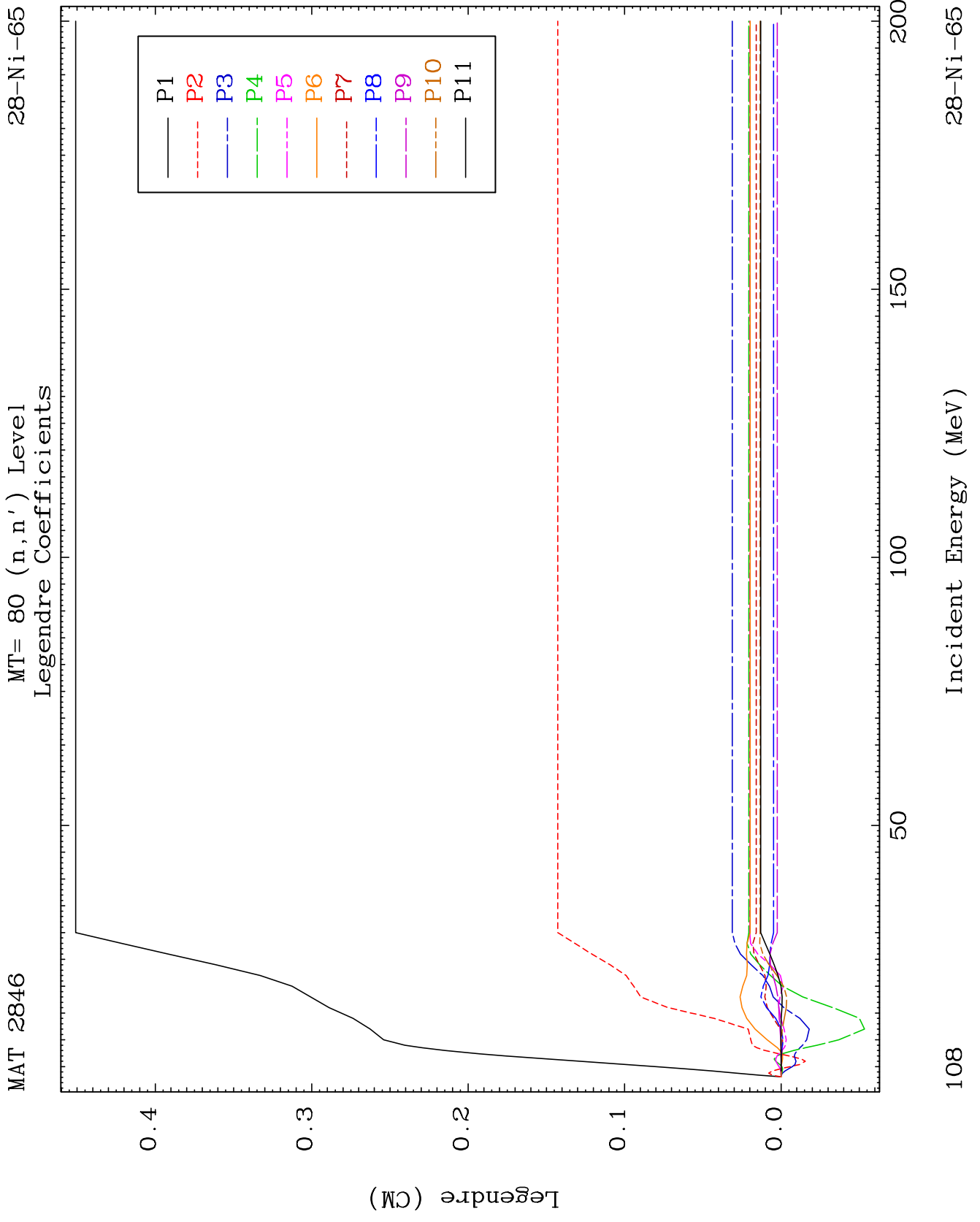
28-Ni-65

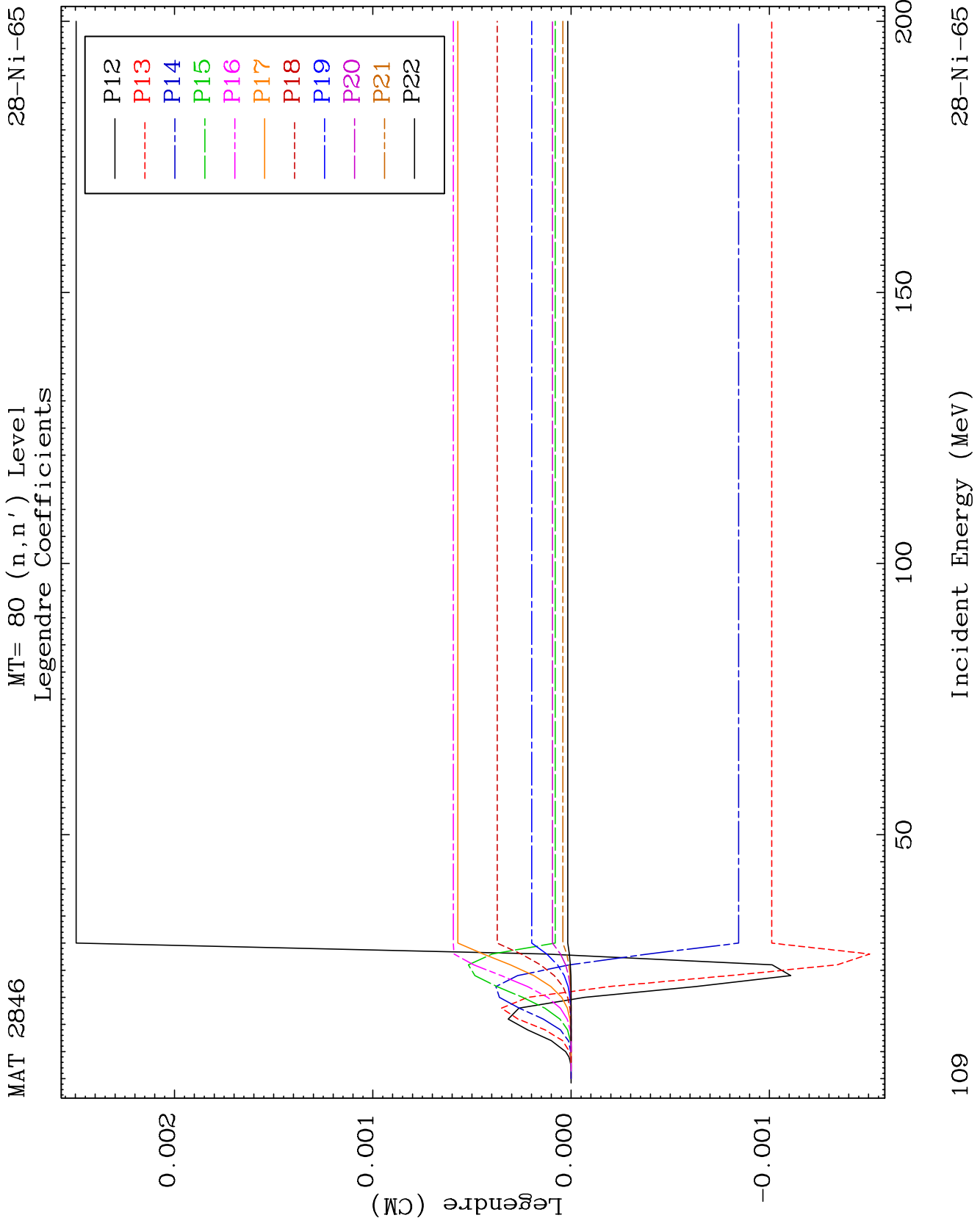


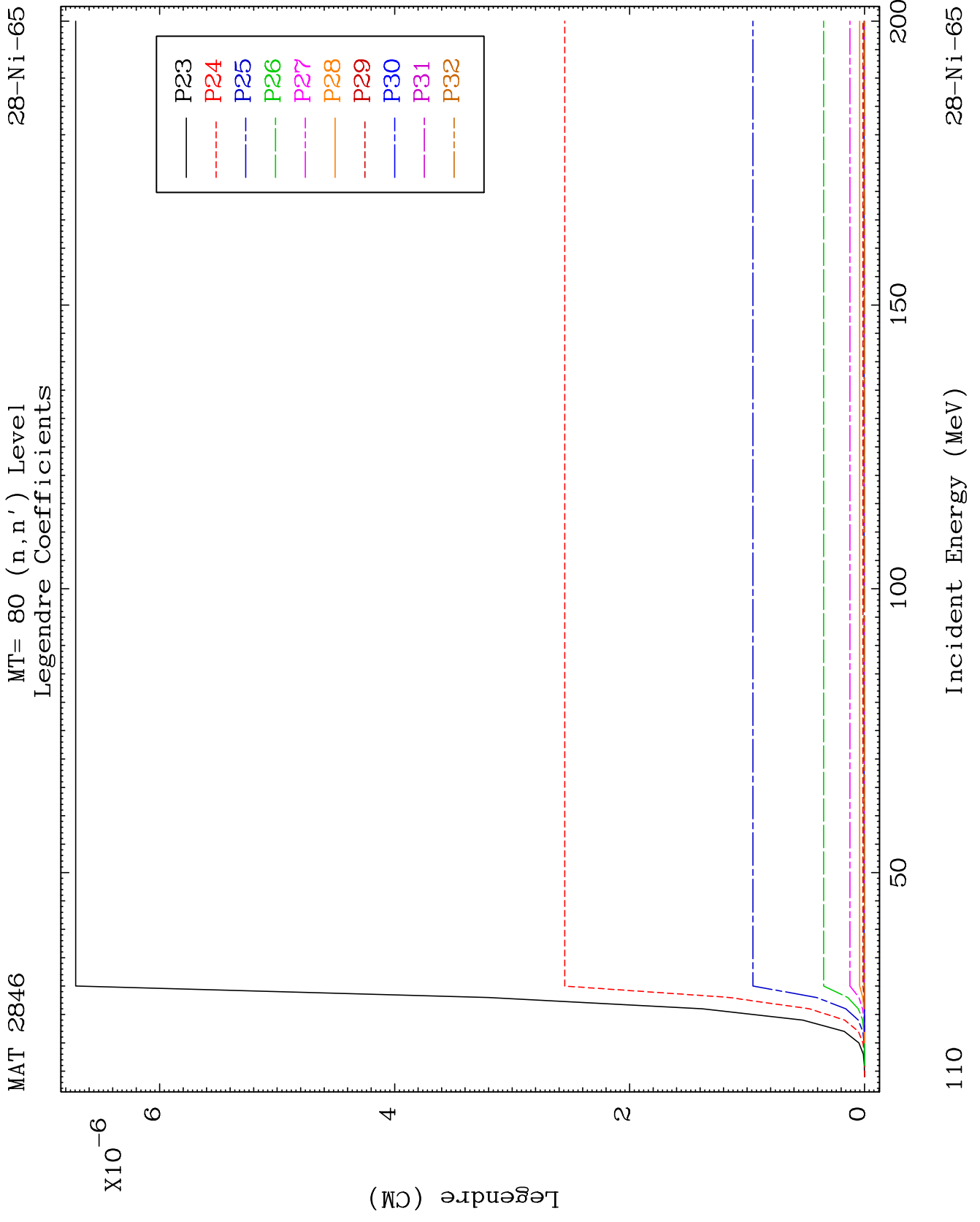
107

Incident Energy (MeV)

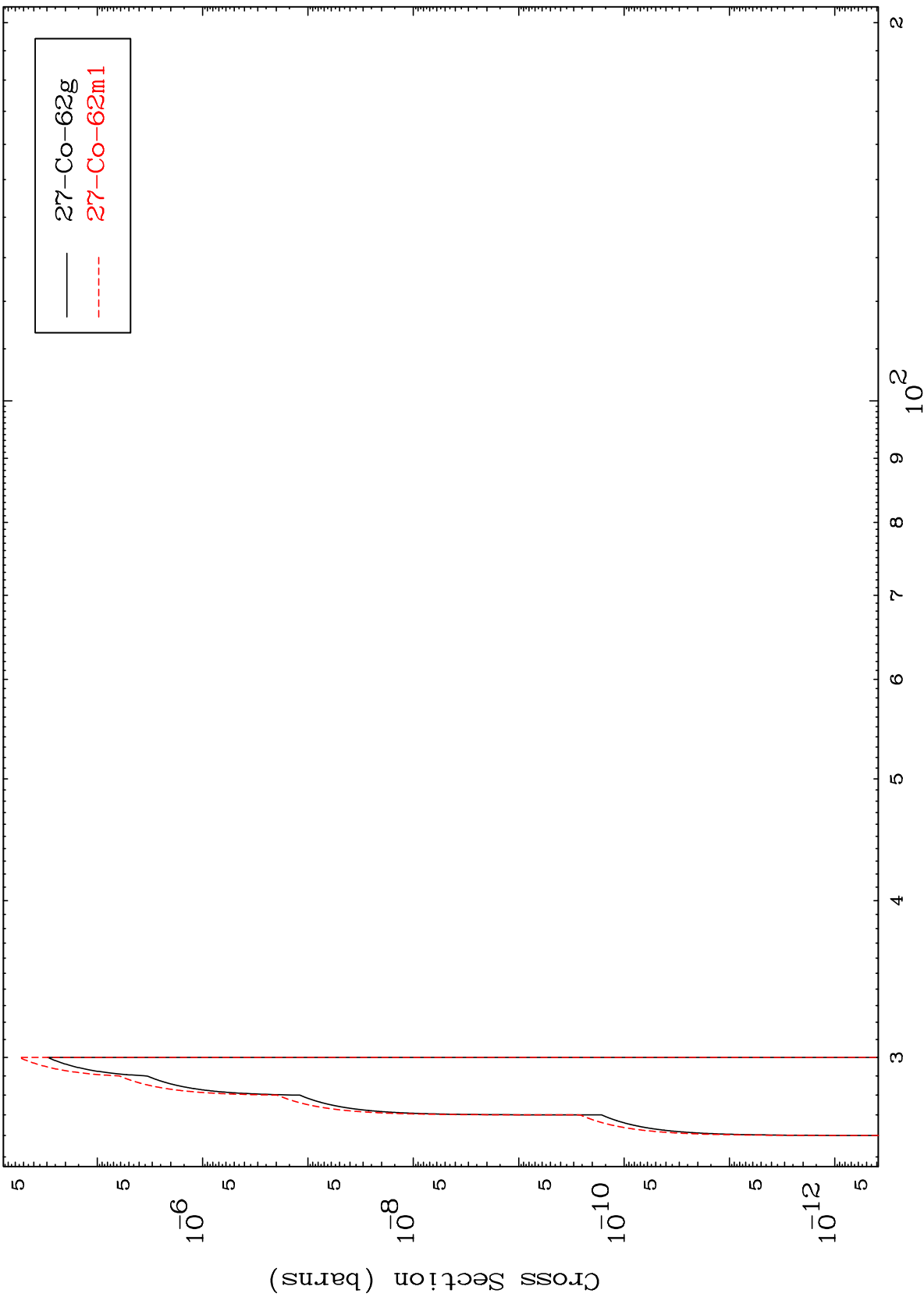
28-Ni-65



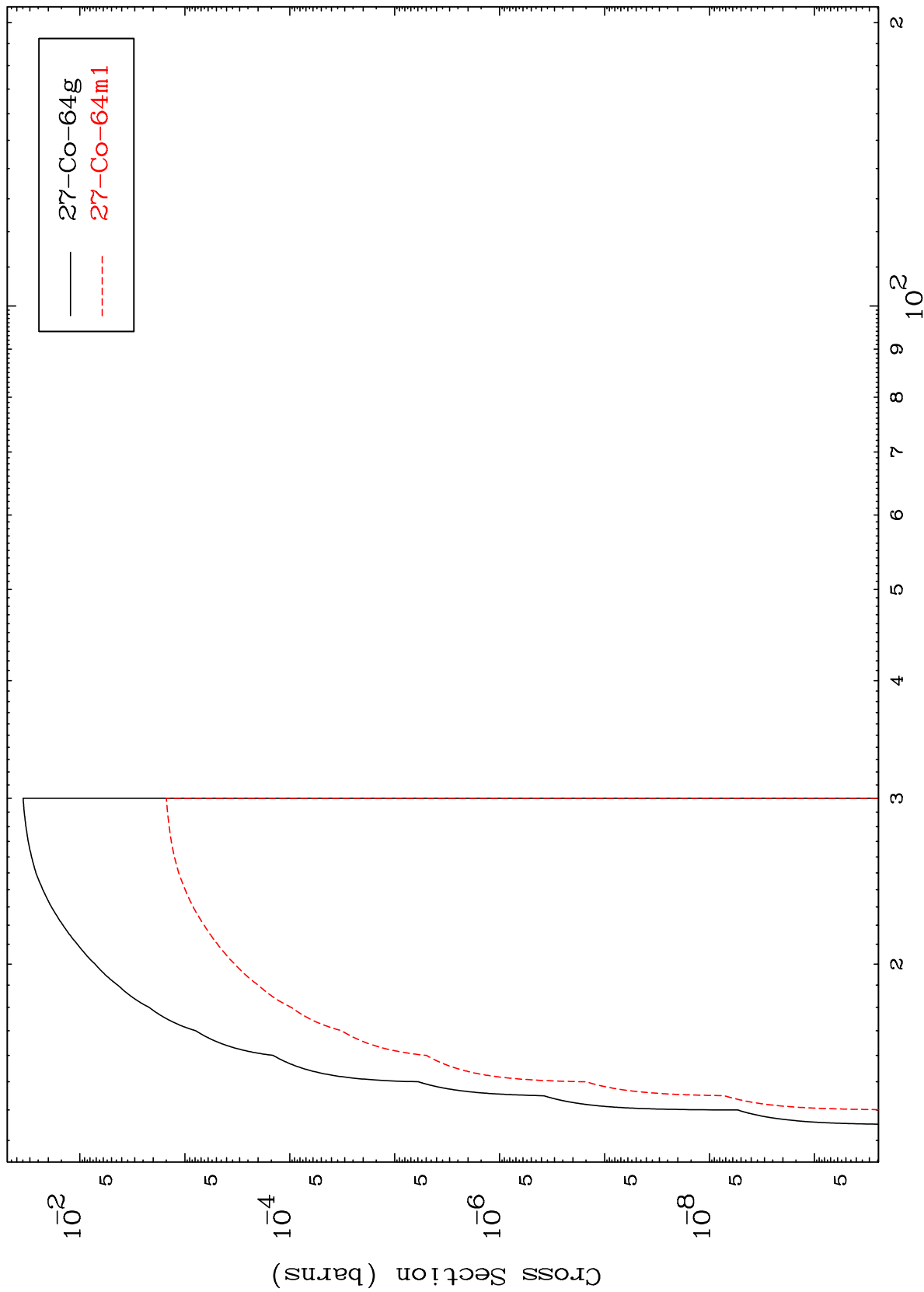




Radionuclide Production Cross Section



Radionuclide Production Cross Section

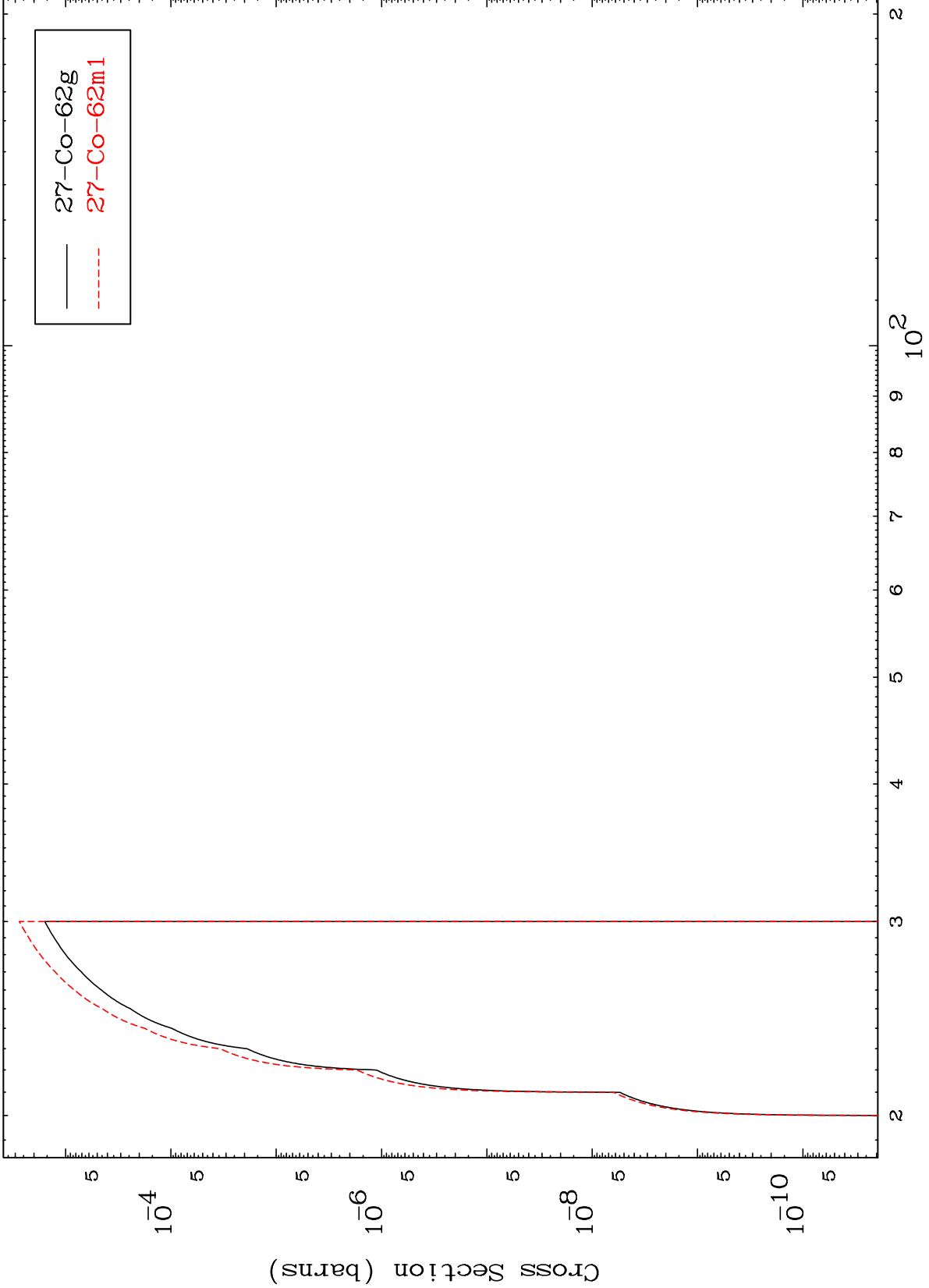


MAT 2846

(n,n') t

28-Ni-65

Radionuclide Production Cross Section



113

Incident Energy (MeV)

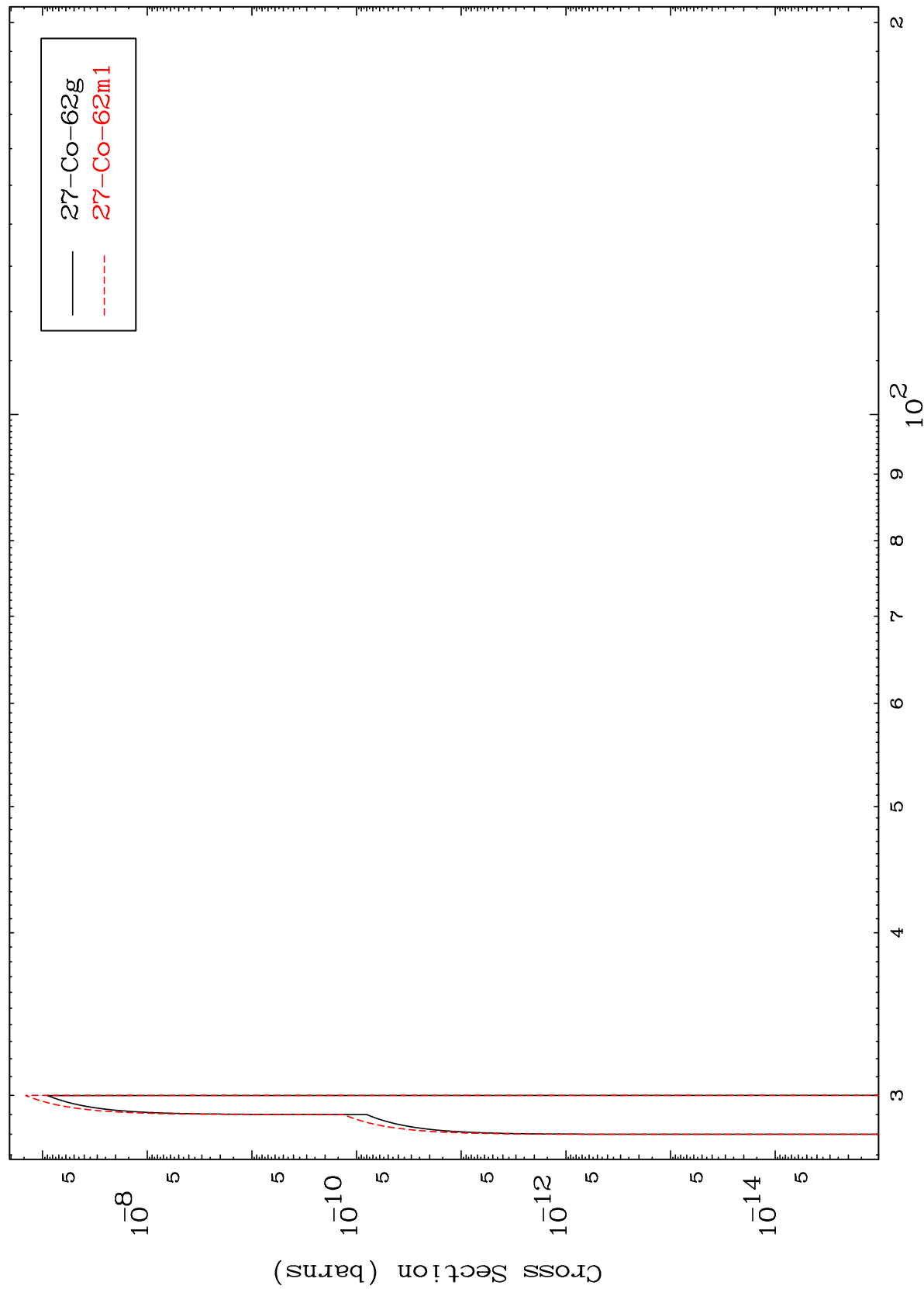
28-Ni-65

MAT 2846

(n,3n) p

28-Ni-65

Radionuclide Production Cross Section



— 27-Co-62g
- - - 27-Co-62m1

114

Incident Energy (MeV)

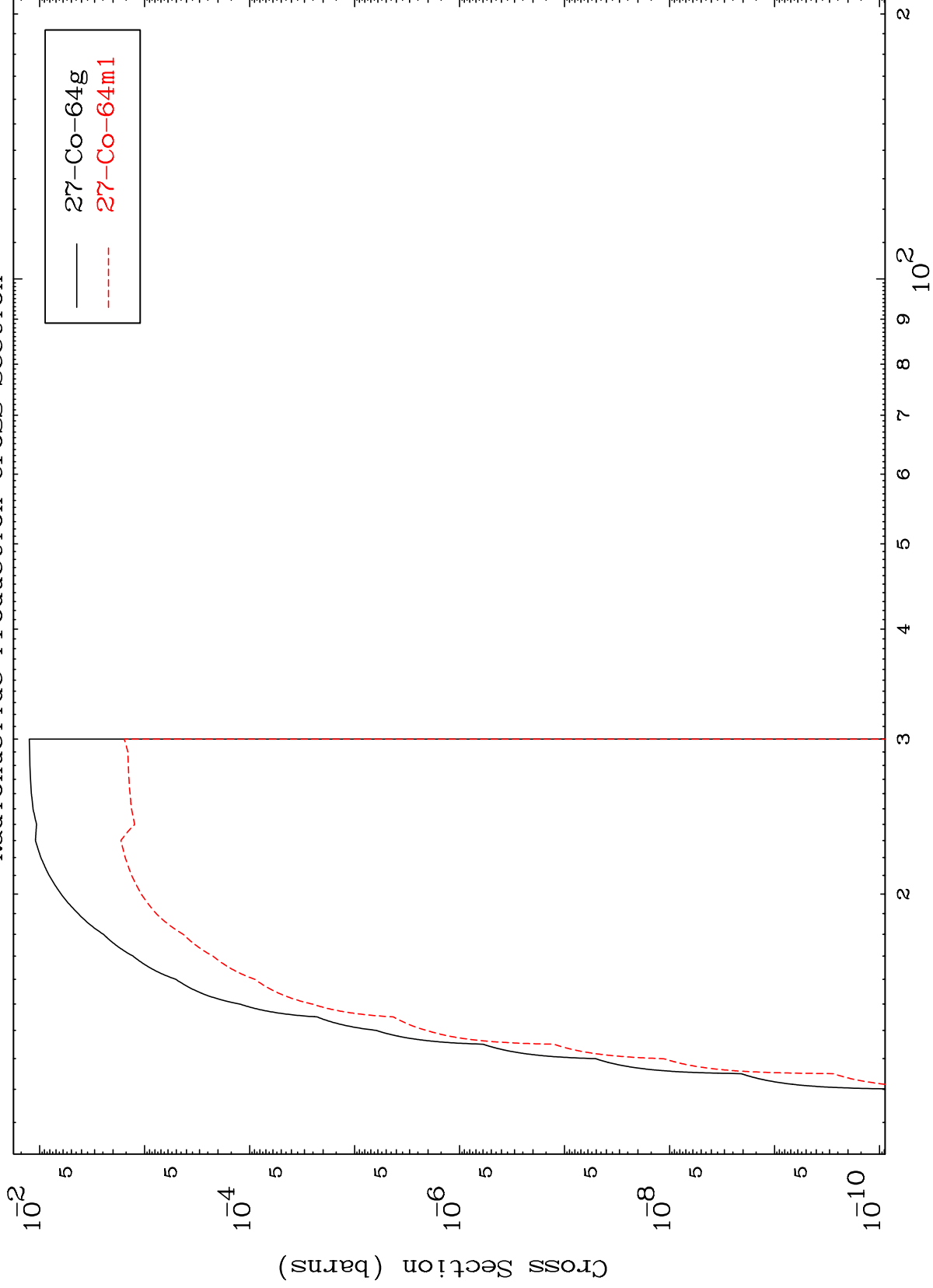
28-Ni-65

MAT 2846

(n,d)

28-Ni-65

Radionuclide Production Cross Section



115

Incident Energy (MeV)

28-Ni-65