

Program EVALPLOT
(Version 2021-1)

by

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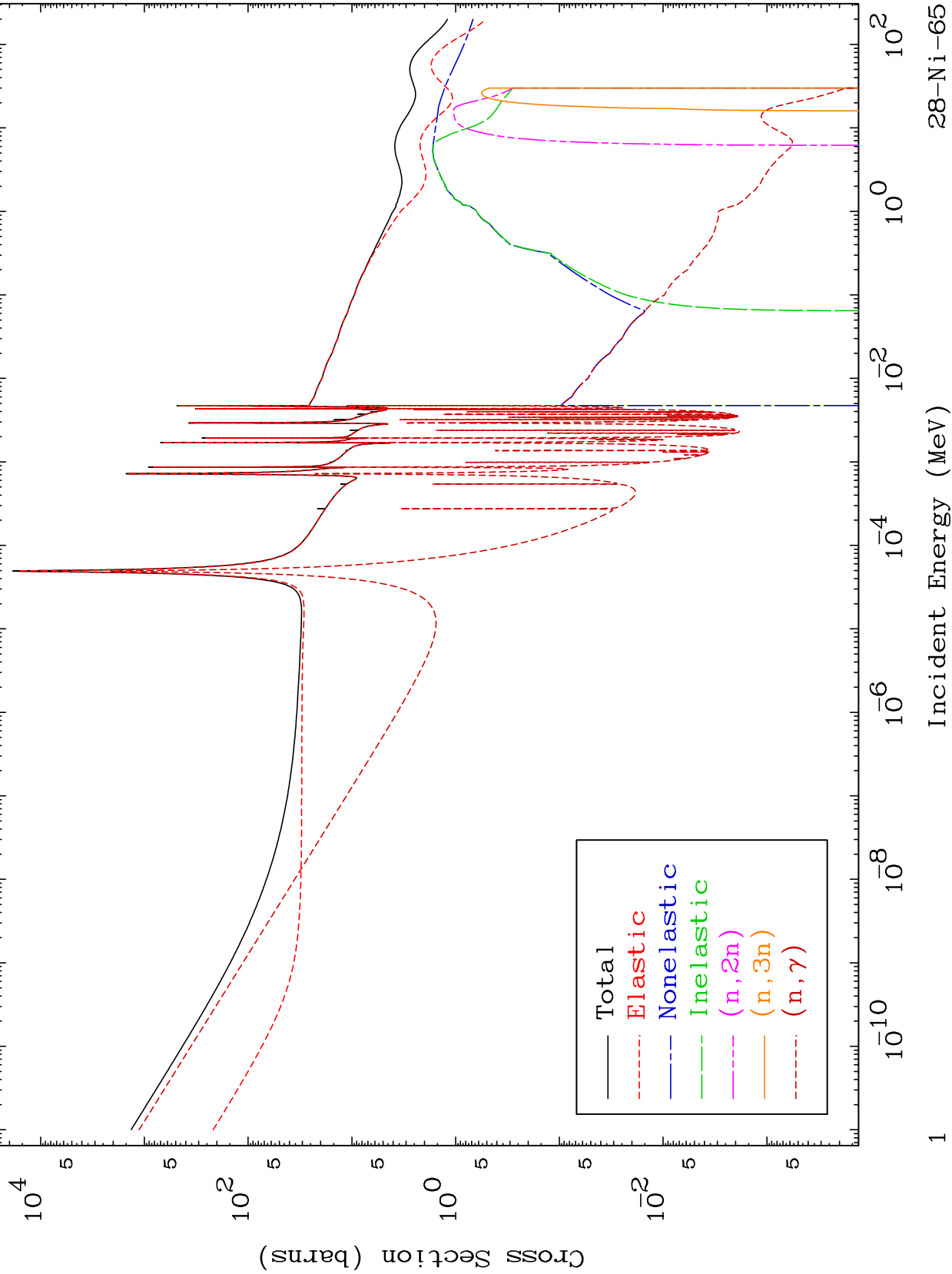
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Press Mouse Button to Start

MAT 2846

Neutron Major
293 Kelvin Cross Sections

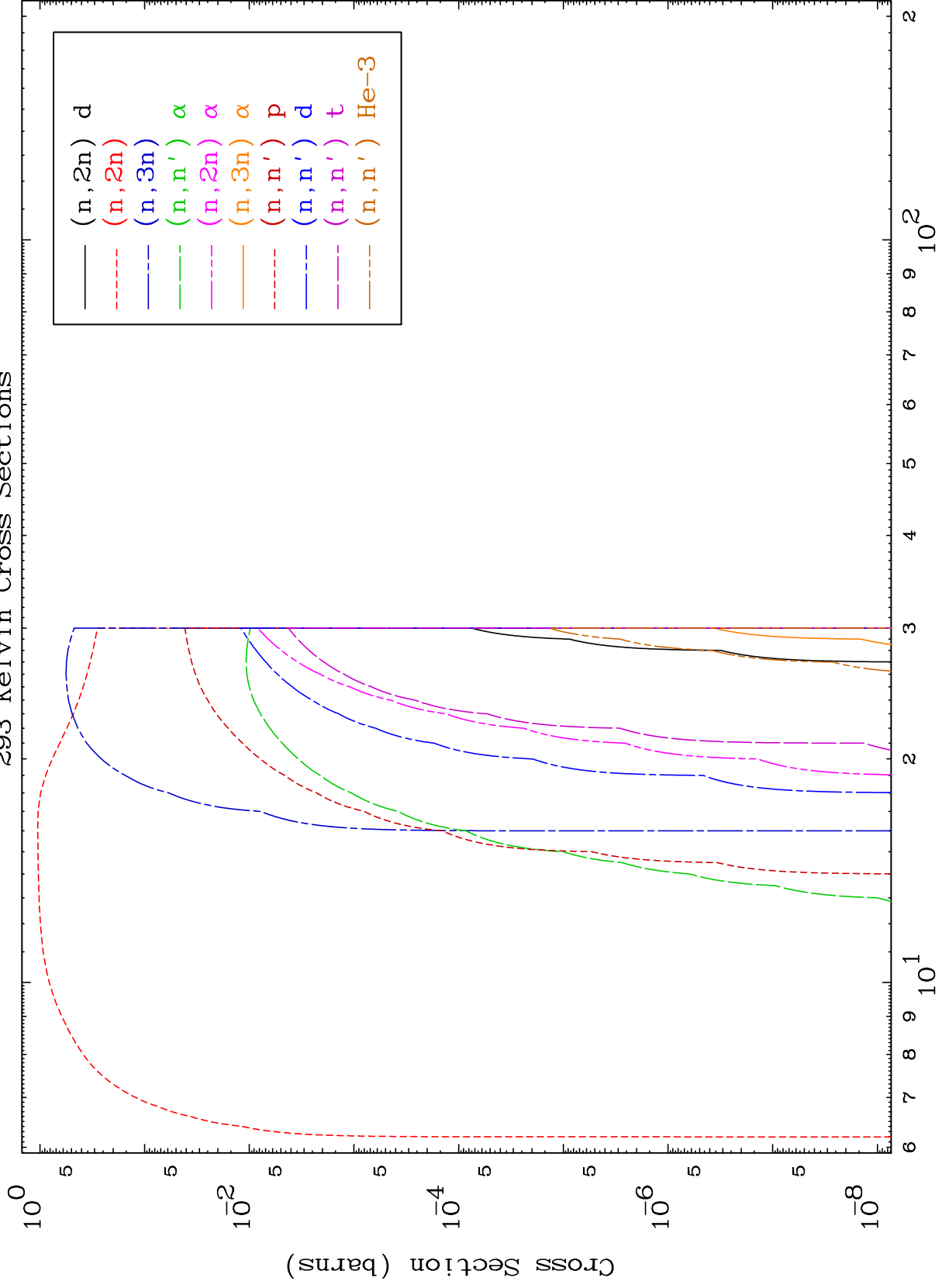
28-Ni-65



MAT 2846

Neutron Absorption
293 Kelvin Cross Sections

28-Ni-65



2

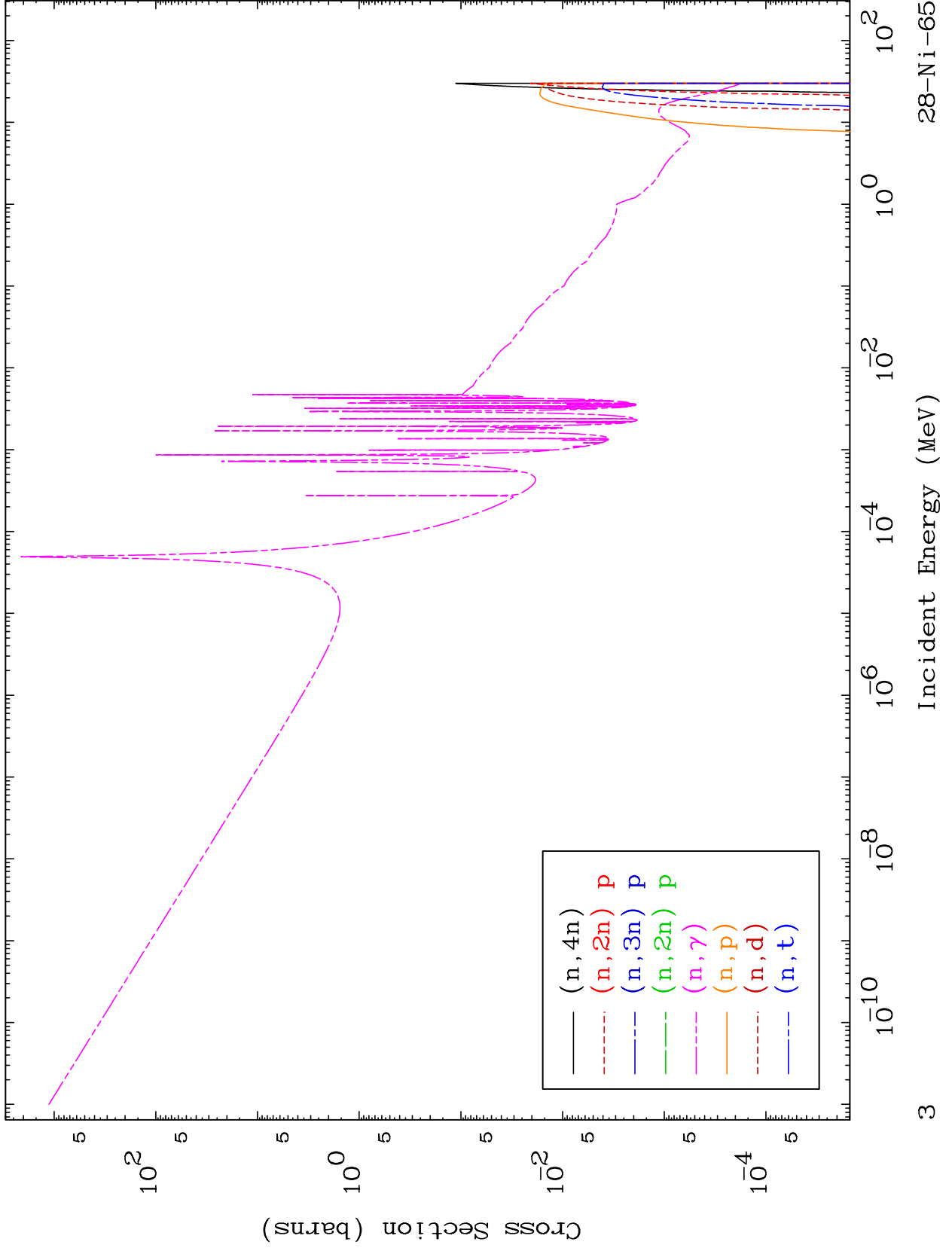
Incident Energy (MeV)

28-Ni-65

MAT 2846

Neutron Absorption
293 Kelvin Cross Sections

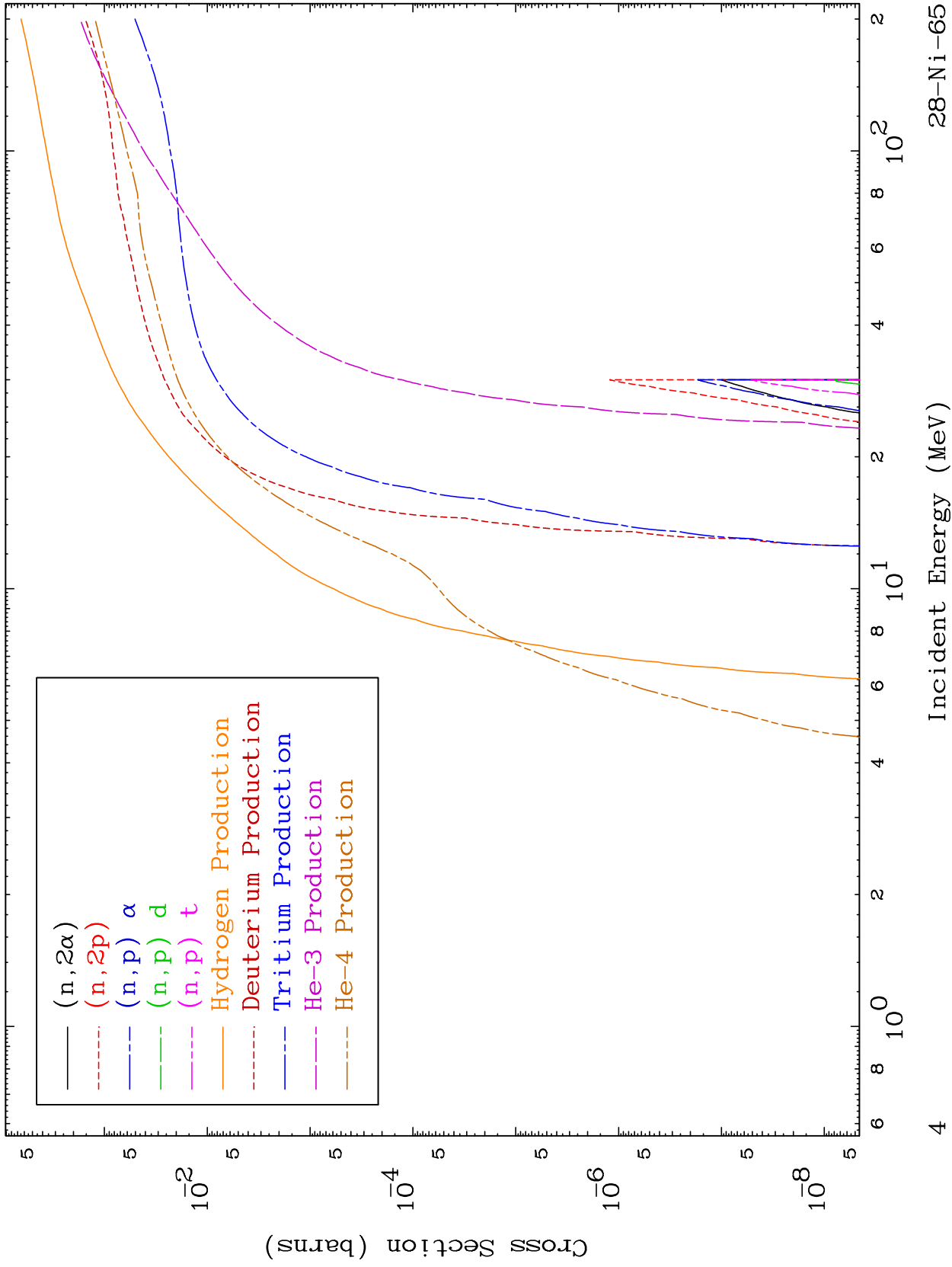
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MAT 2846

Neutron Absorption
293 Kelvin Cross Sections

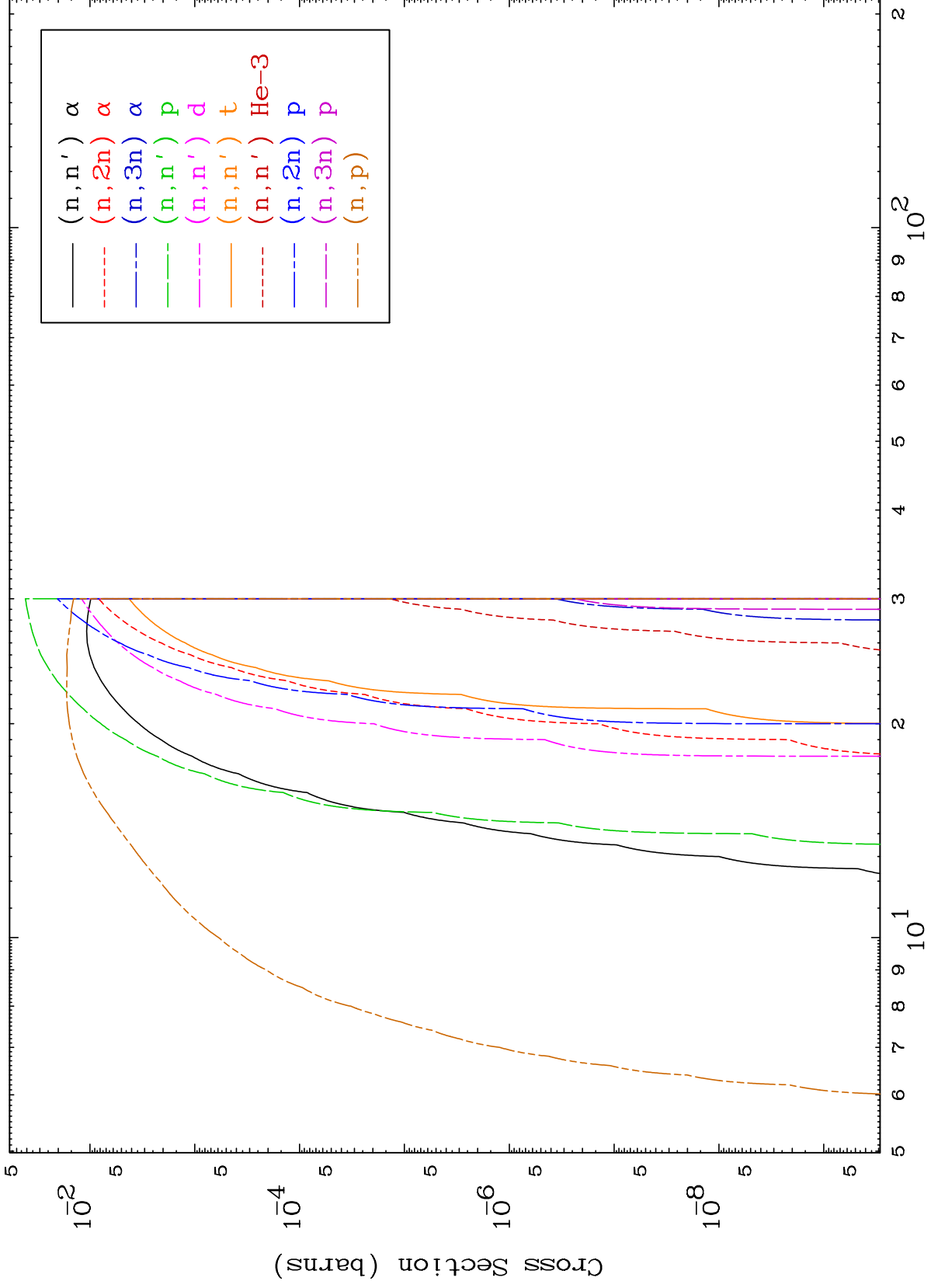
28-Ni-65



MAT 2846

Charged Particle
293 Kelvin Cross Sections

28-Ni-65



5

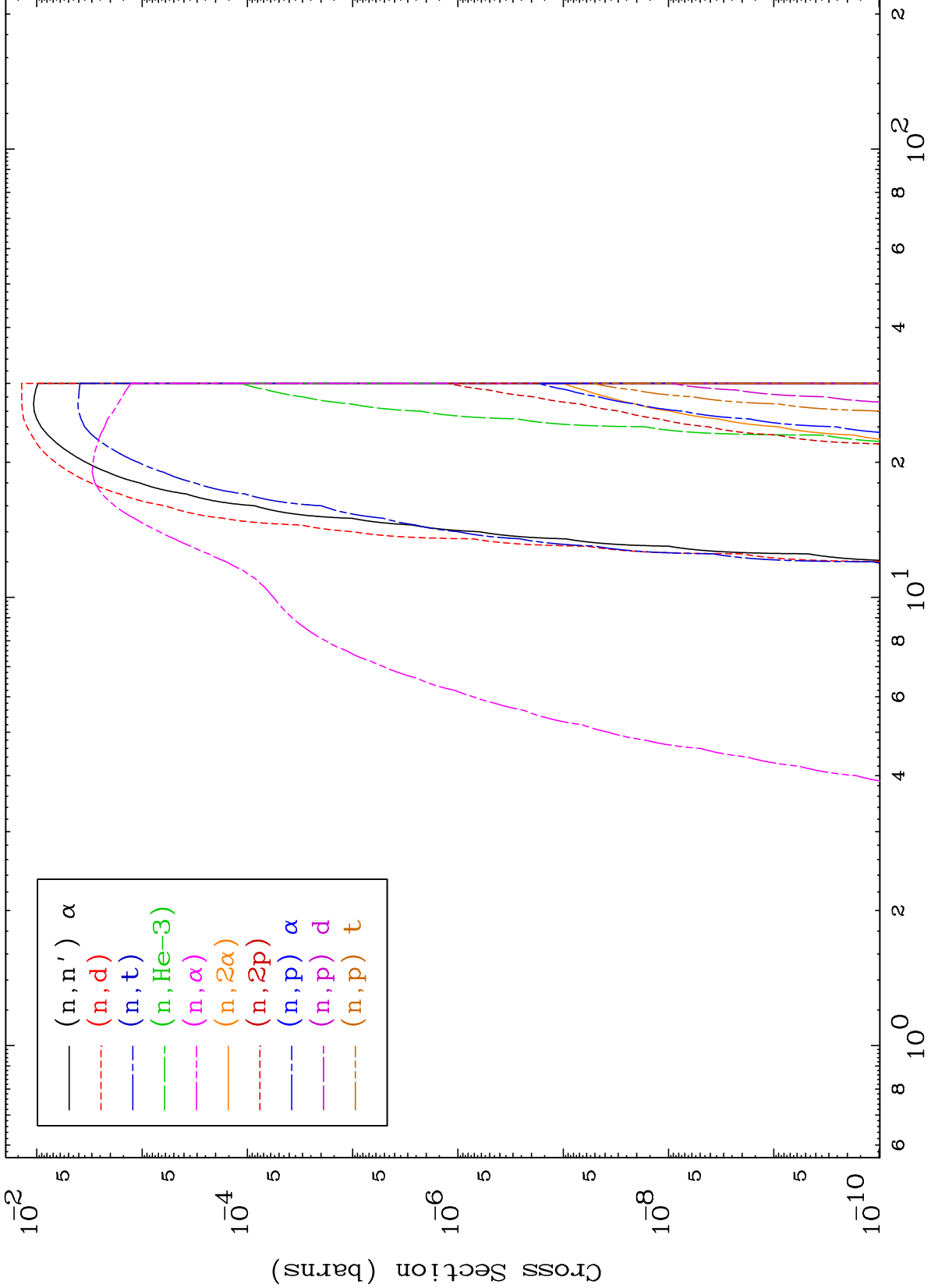
Incident Energy (MeV)

28-Ni-65

MAT 2846

Charged Particle
293 Kelvin Cross Sections

28-Ni-65



Incident Energy (MeV)

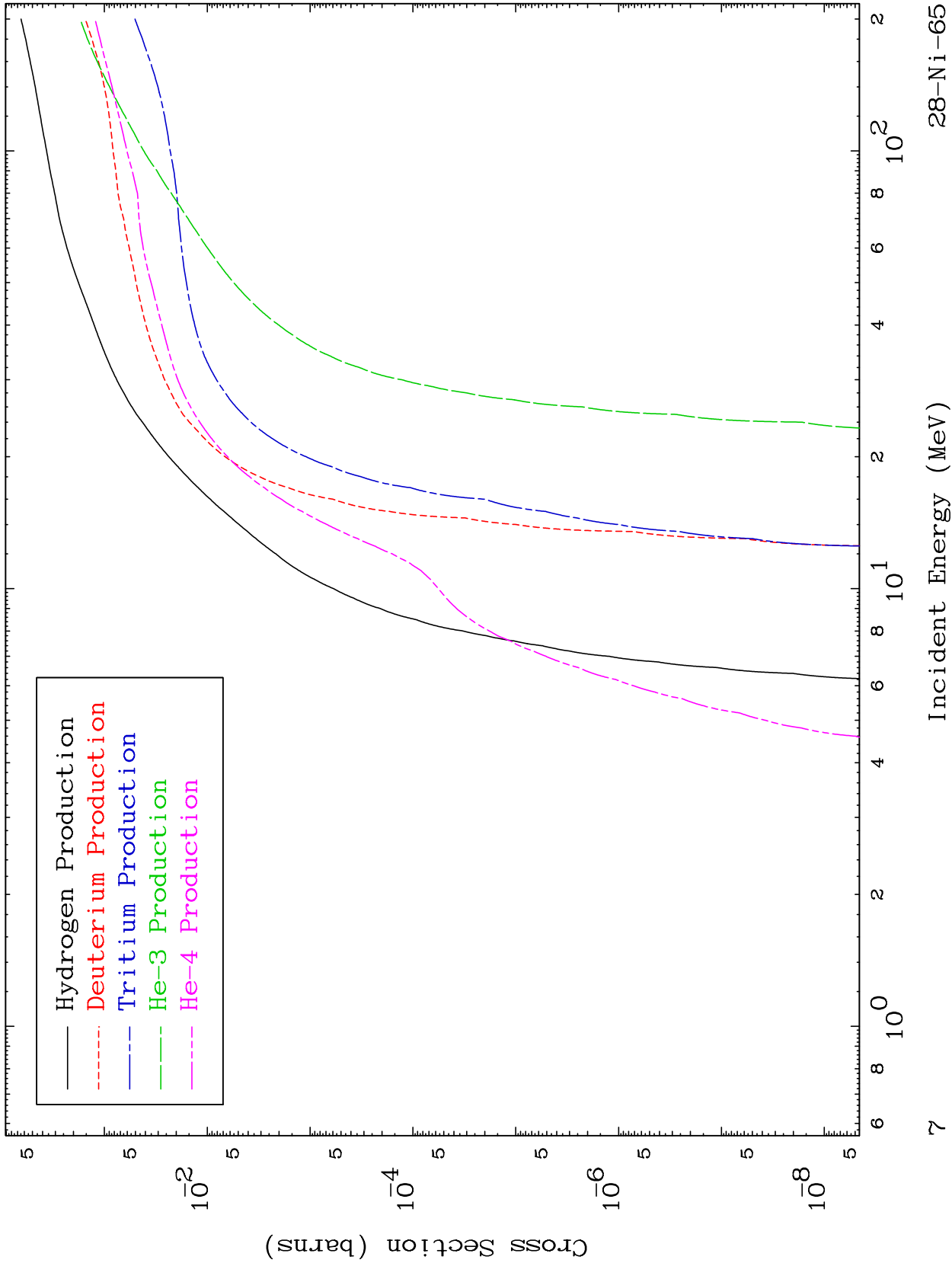
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6

MAT 2846

Particle Production
293 Kelvin Cross Sections

28-Ni-65

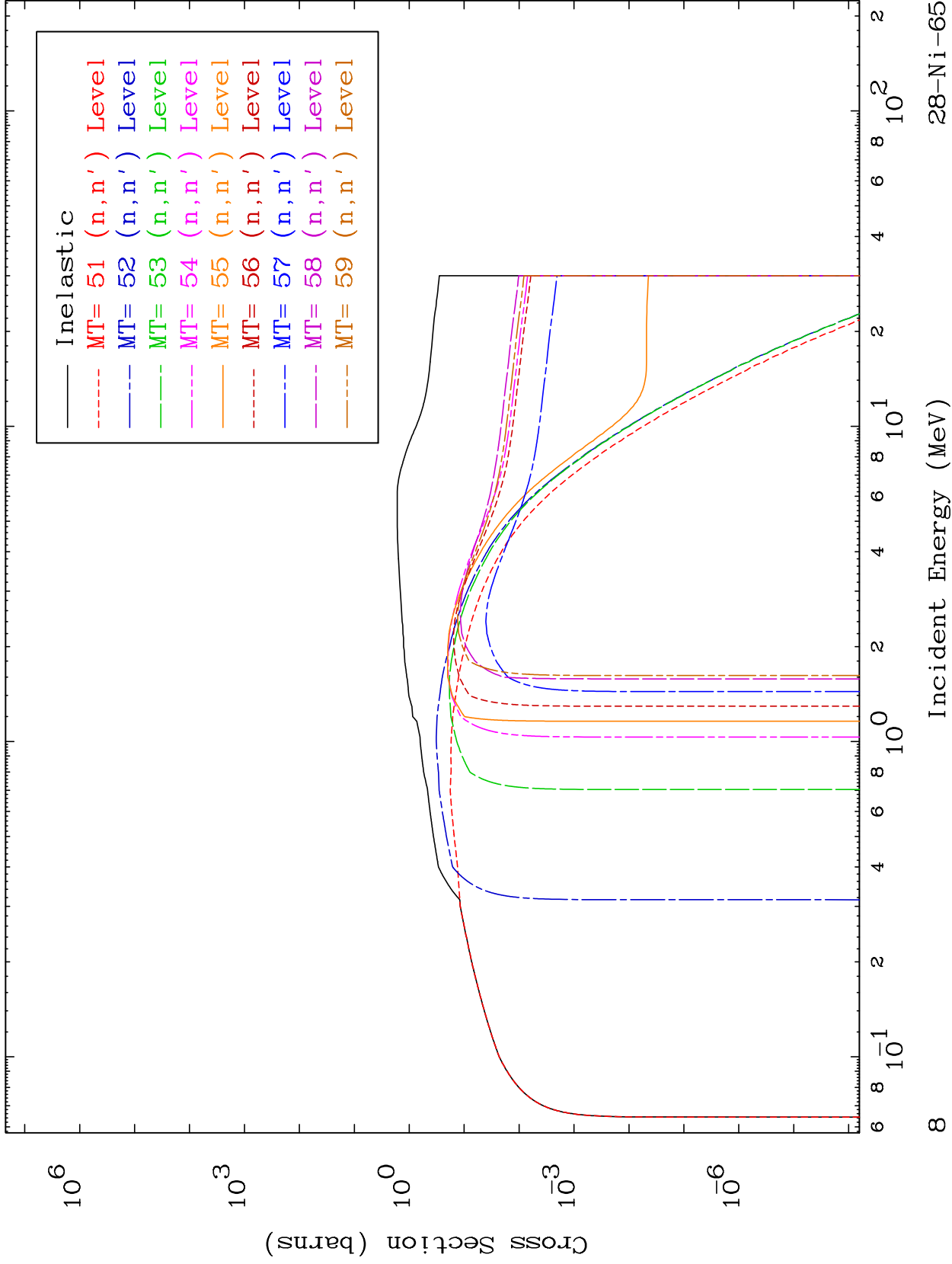


MAT 2846

(n,n') Levels

28-Ni-65

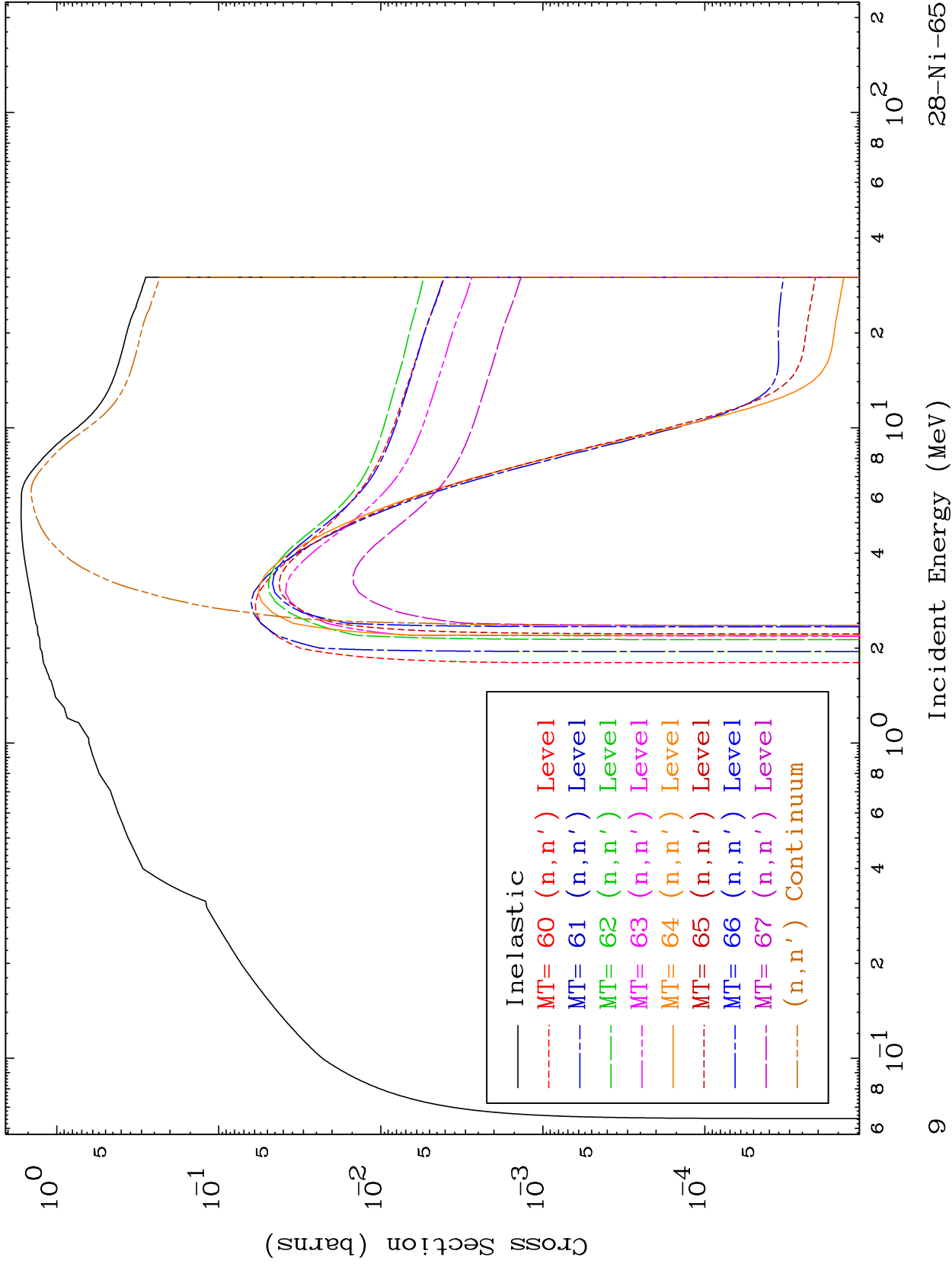
293 Kelvin Cross Sections



MAT 2846

(n,n') Levels
293 Kelvin Cross Sections

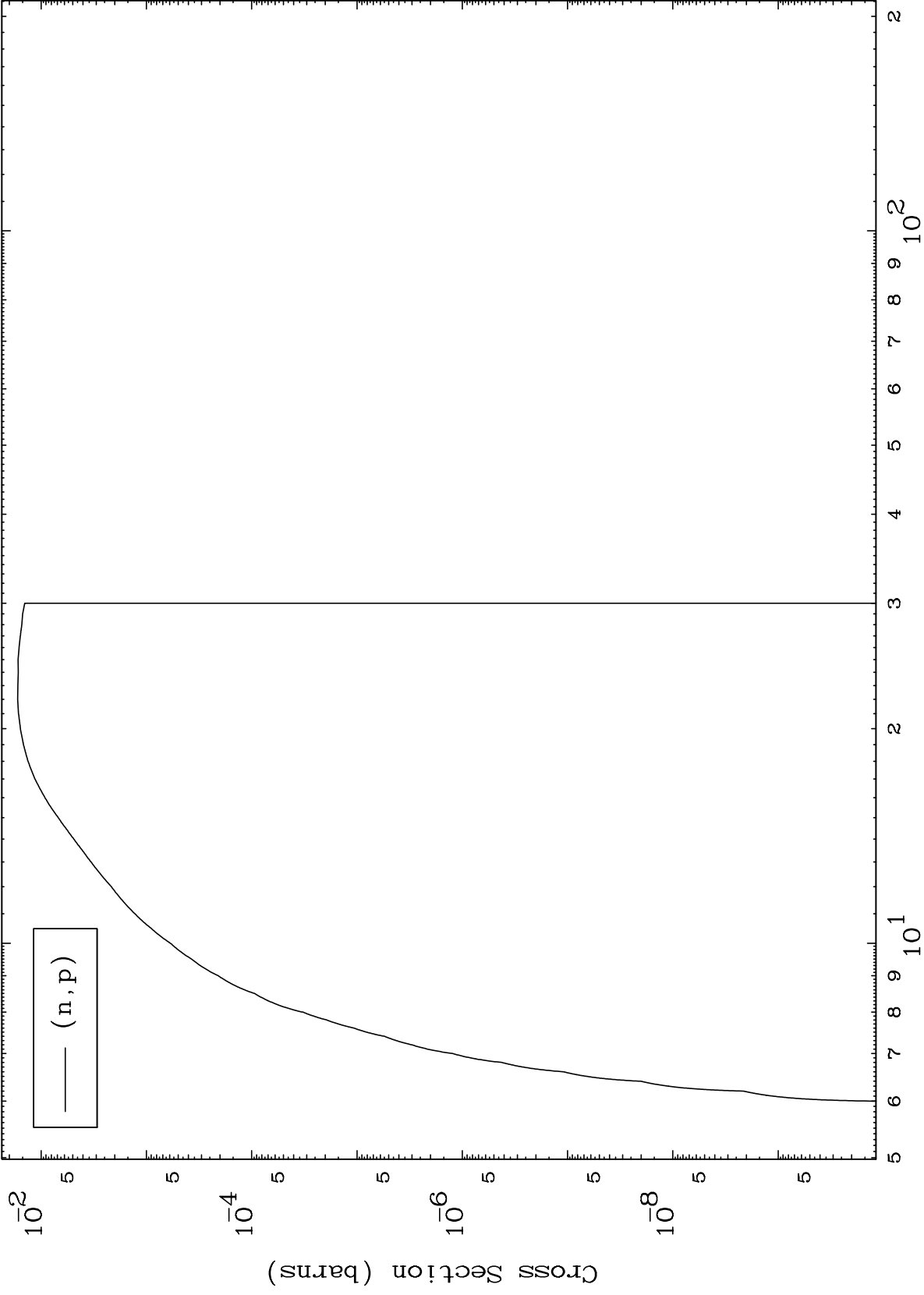
28-Ni-65



MAT 2846

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-65



Incident Energy (MeV)

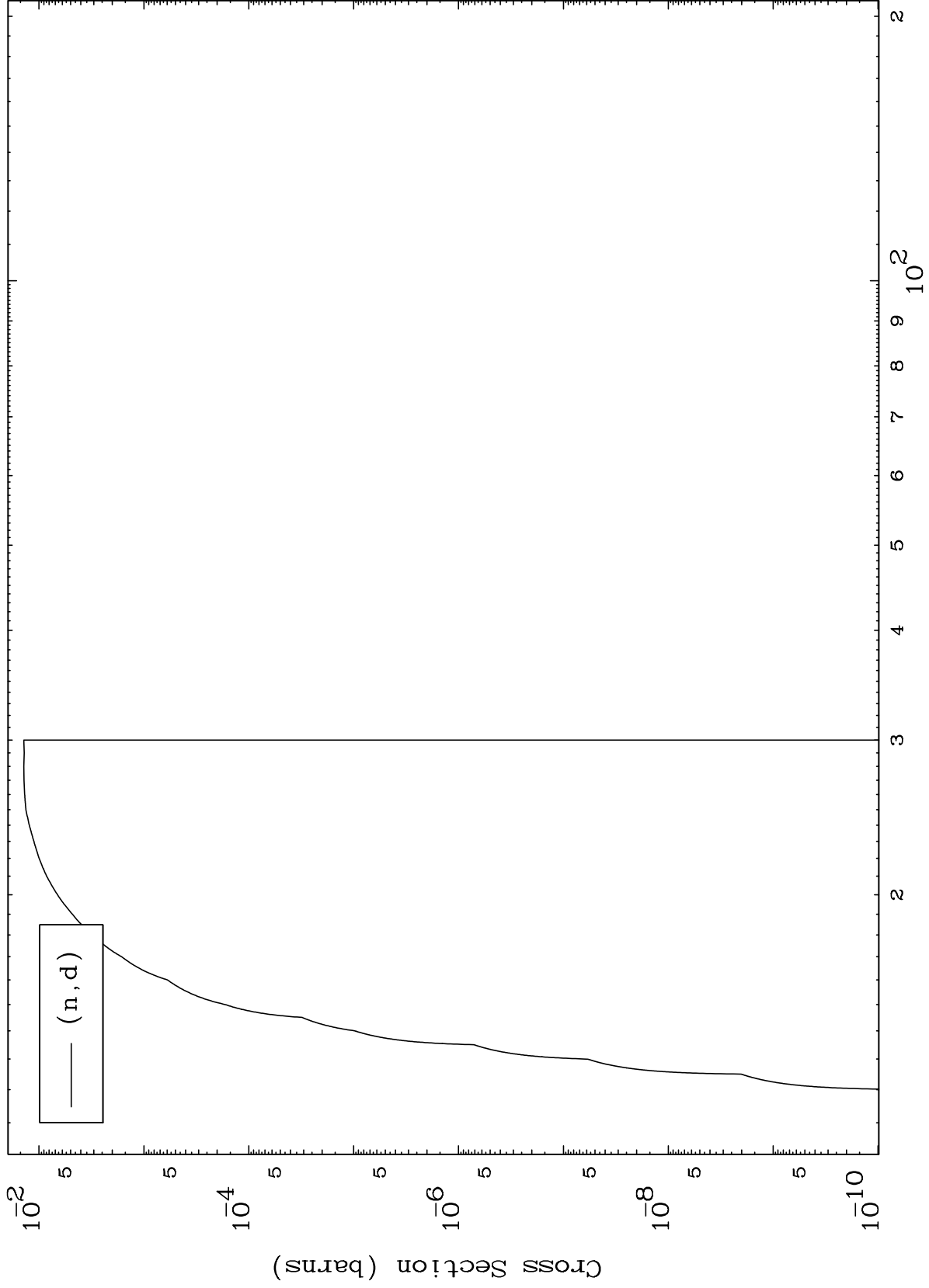
28-Ni-65

10

MAT 2846

(n,d) Levels
293 Kelvin Cross Sections

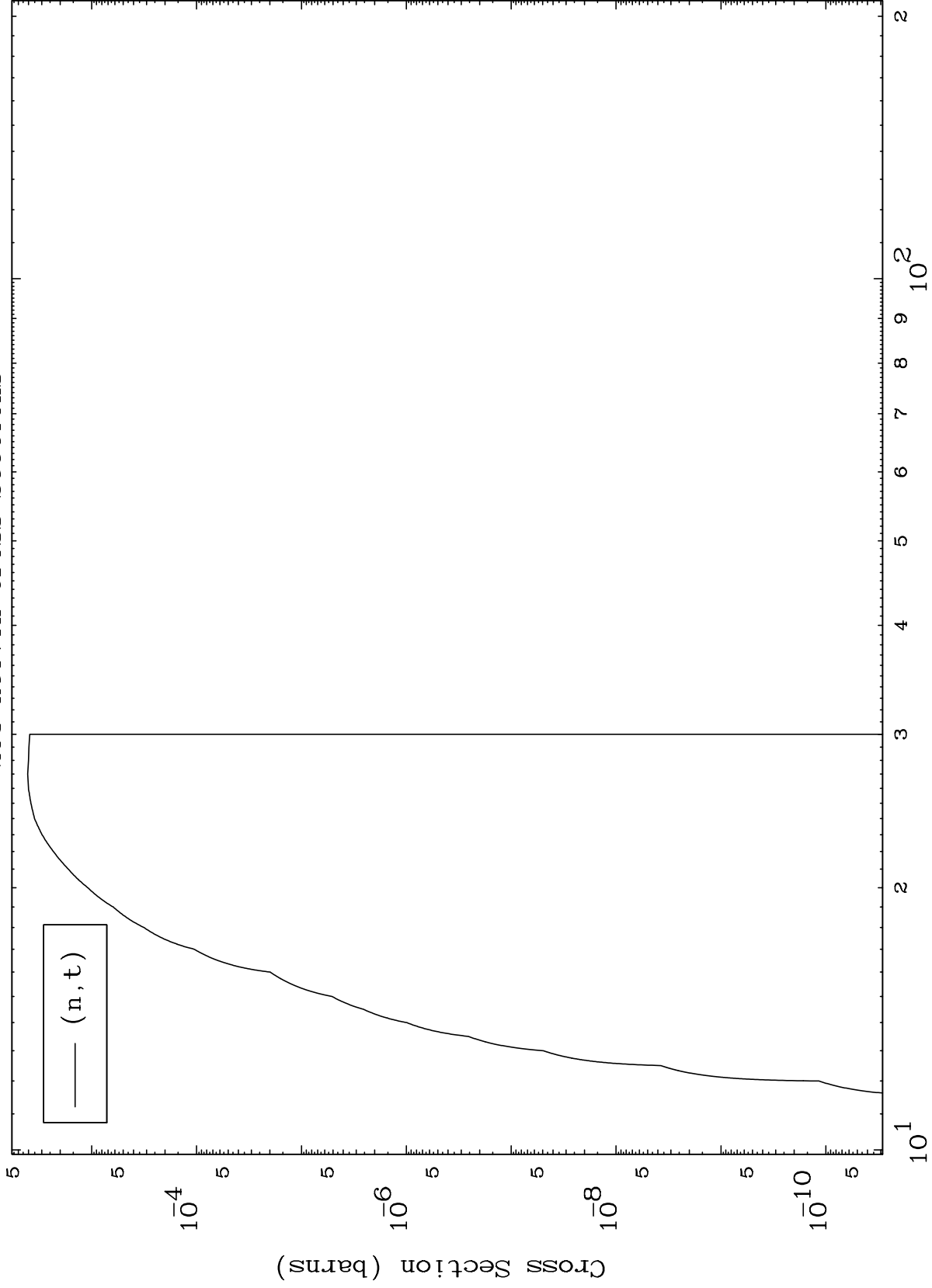
28-Ni-65



MAT 2846

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-65



Incident Energy (MeV)

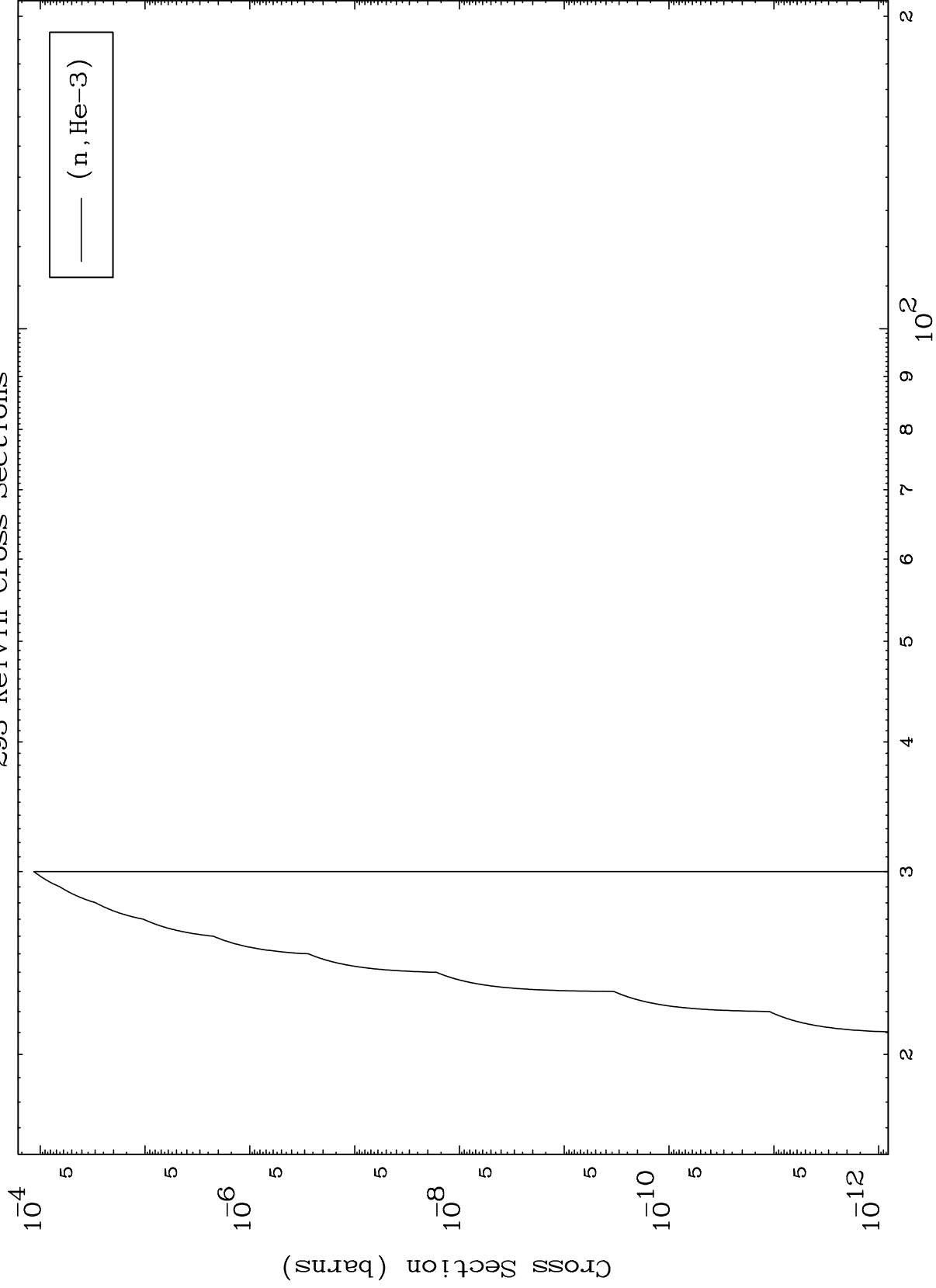
28-Ni-65

12

MAT 2846

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-65



13

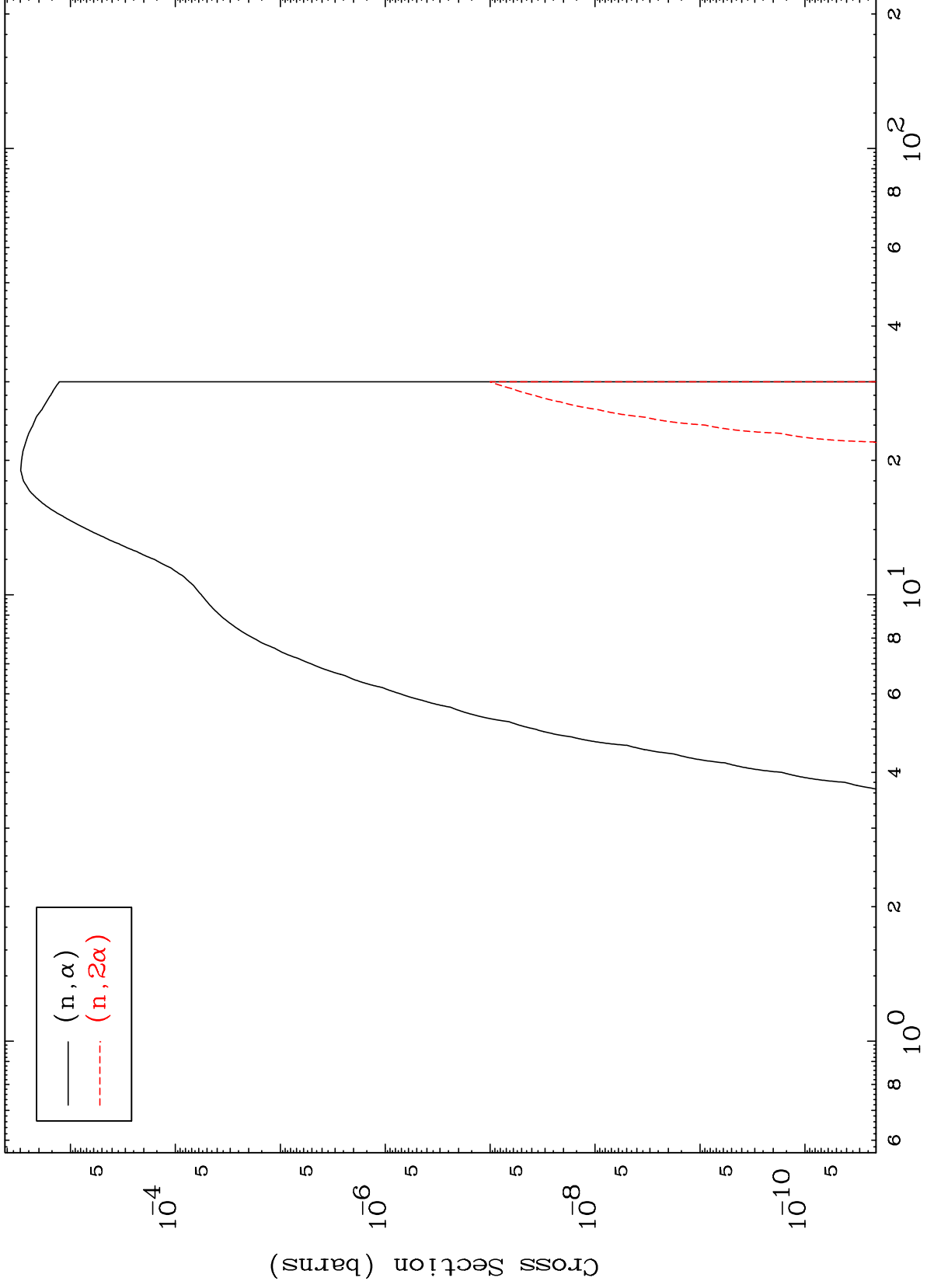
Incident Energy (MeV)

28-Ni-65

MAT 2846

(n, α) Levels
293 Kelvin Cross Sections

28-Ni-65



14

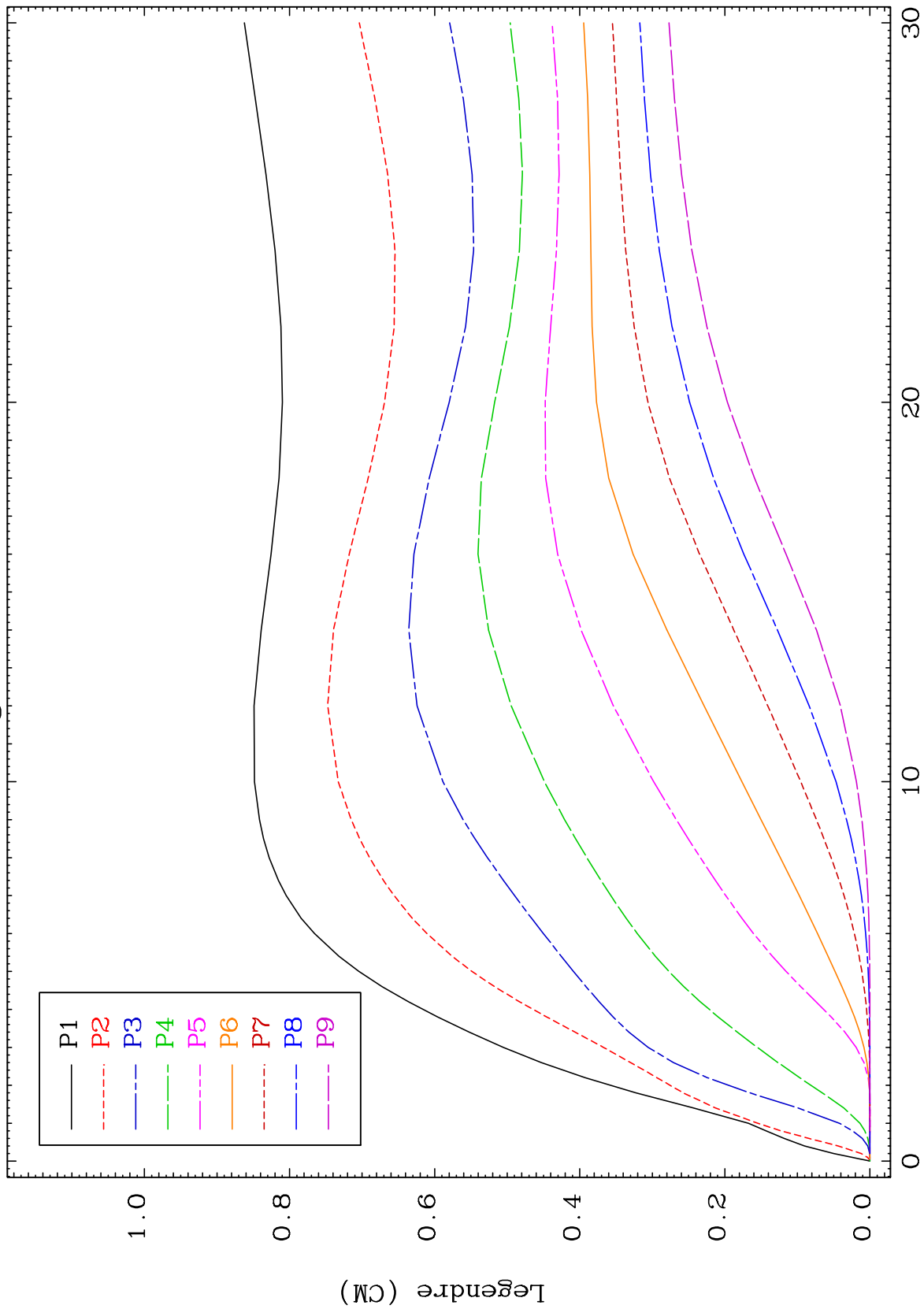
Incident Energy (MeV)

28-Ni-65

MAT 2846

Elastic Legendre Coefficients

²⁸Ni-65

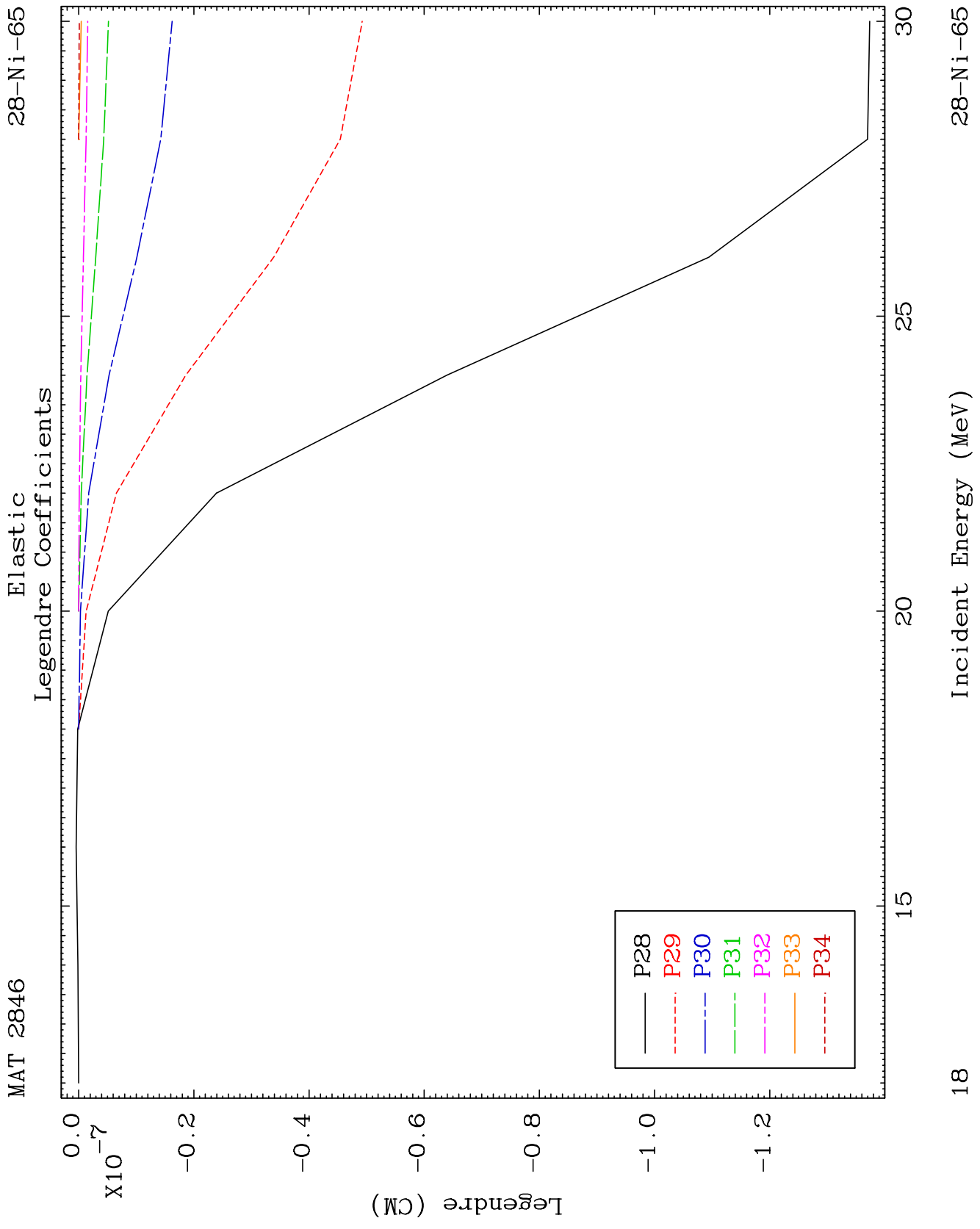


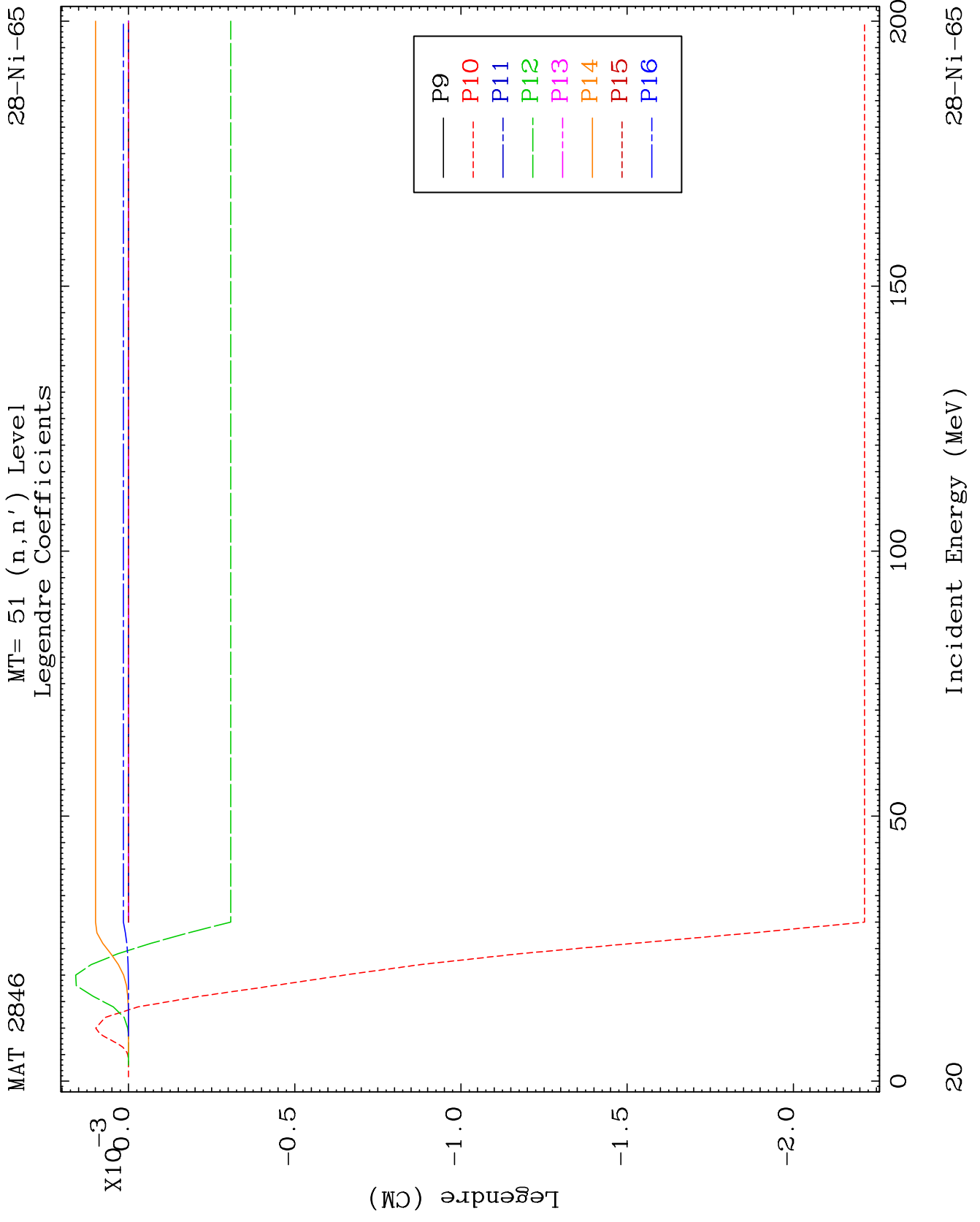
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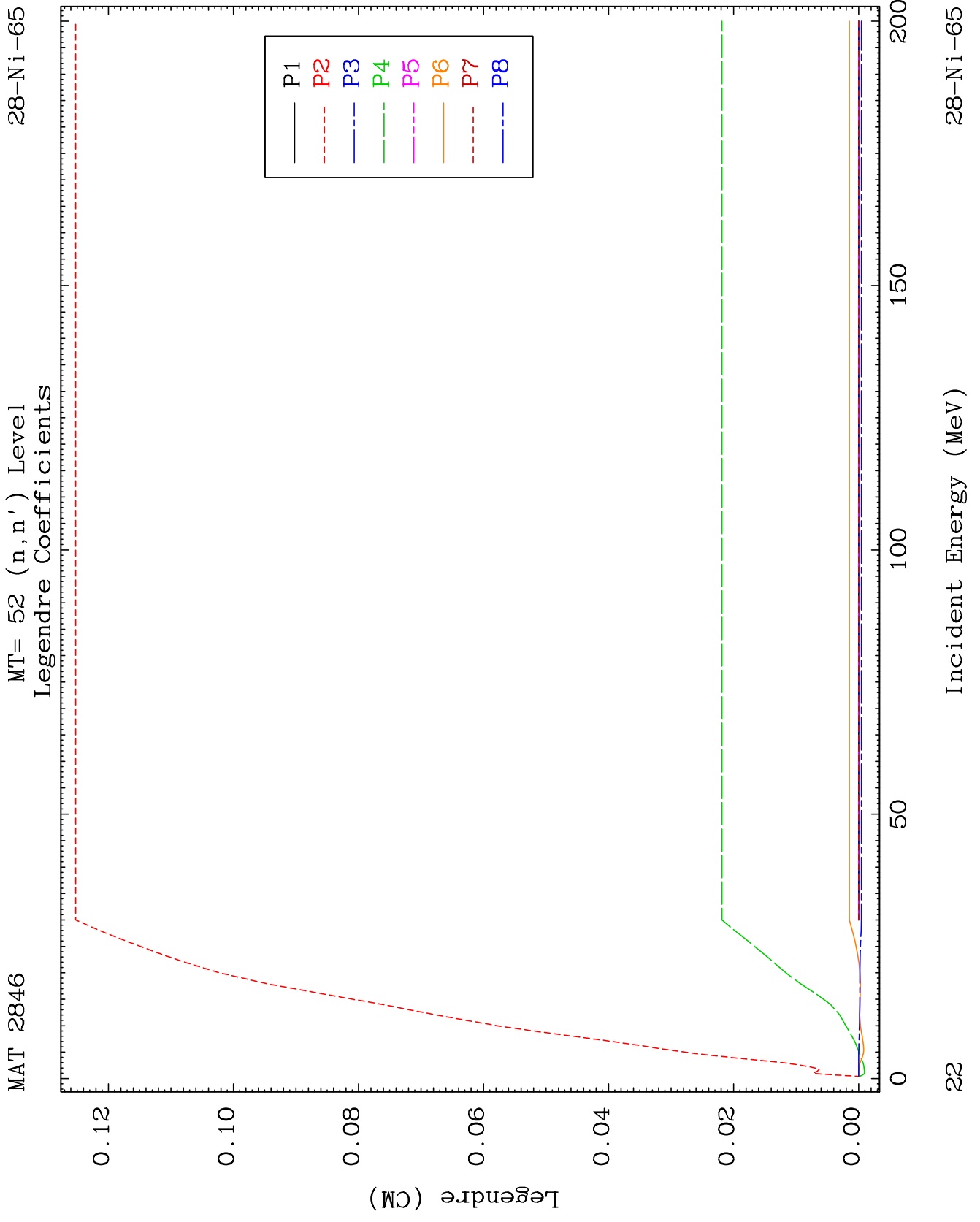
Incident Energy (MeV)

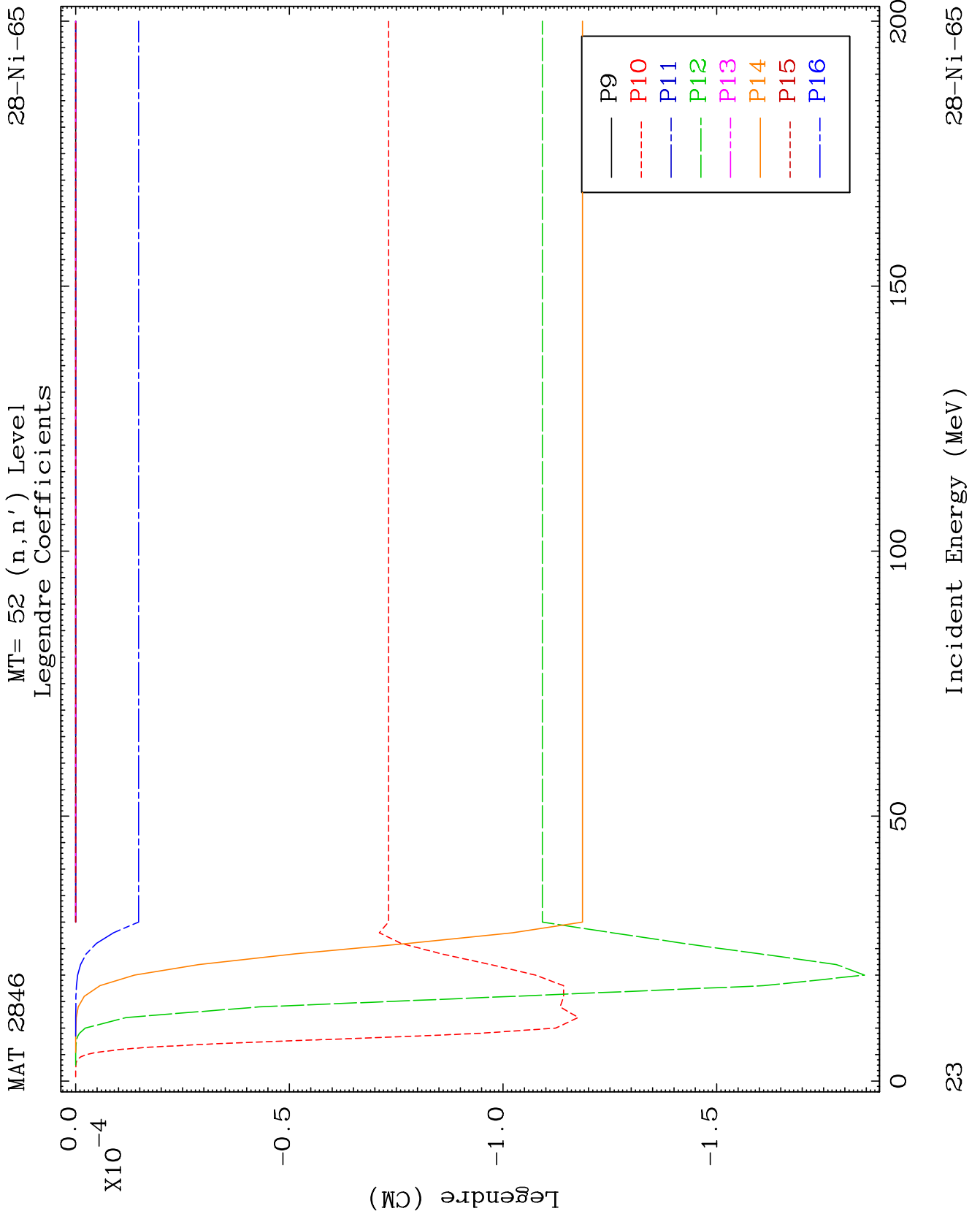
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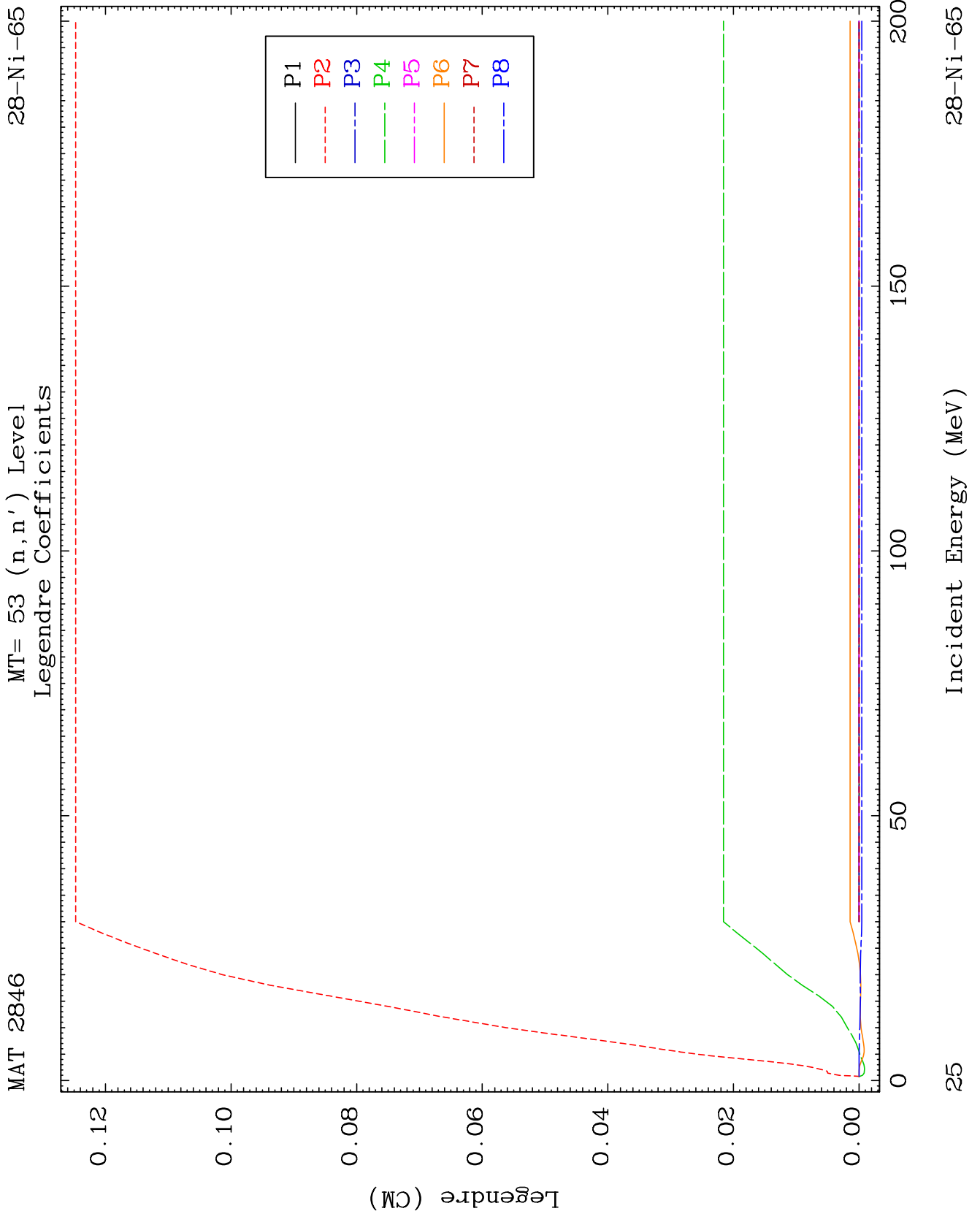
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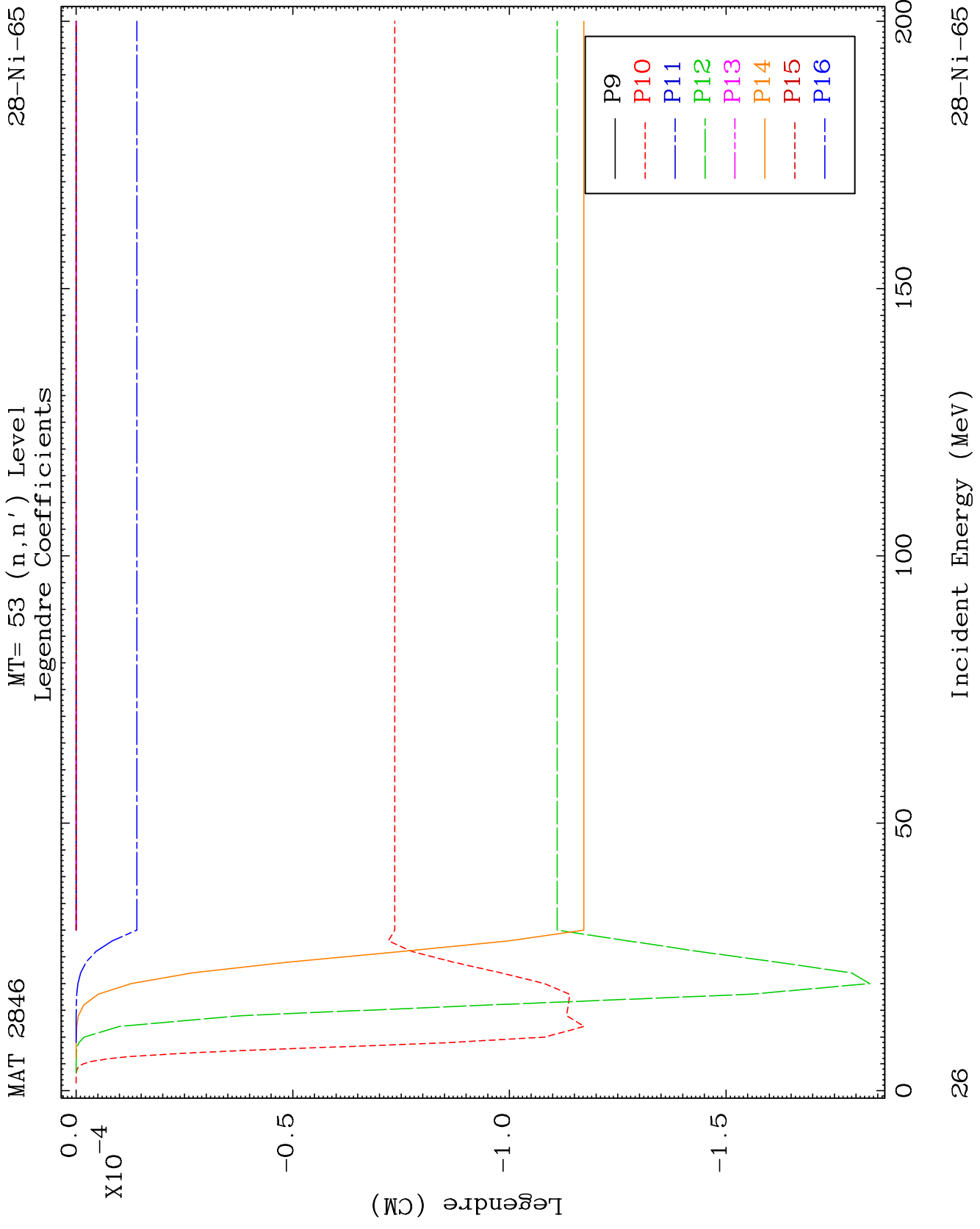


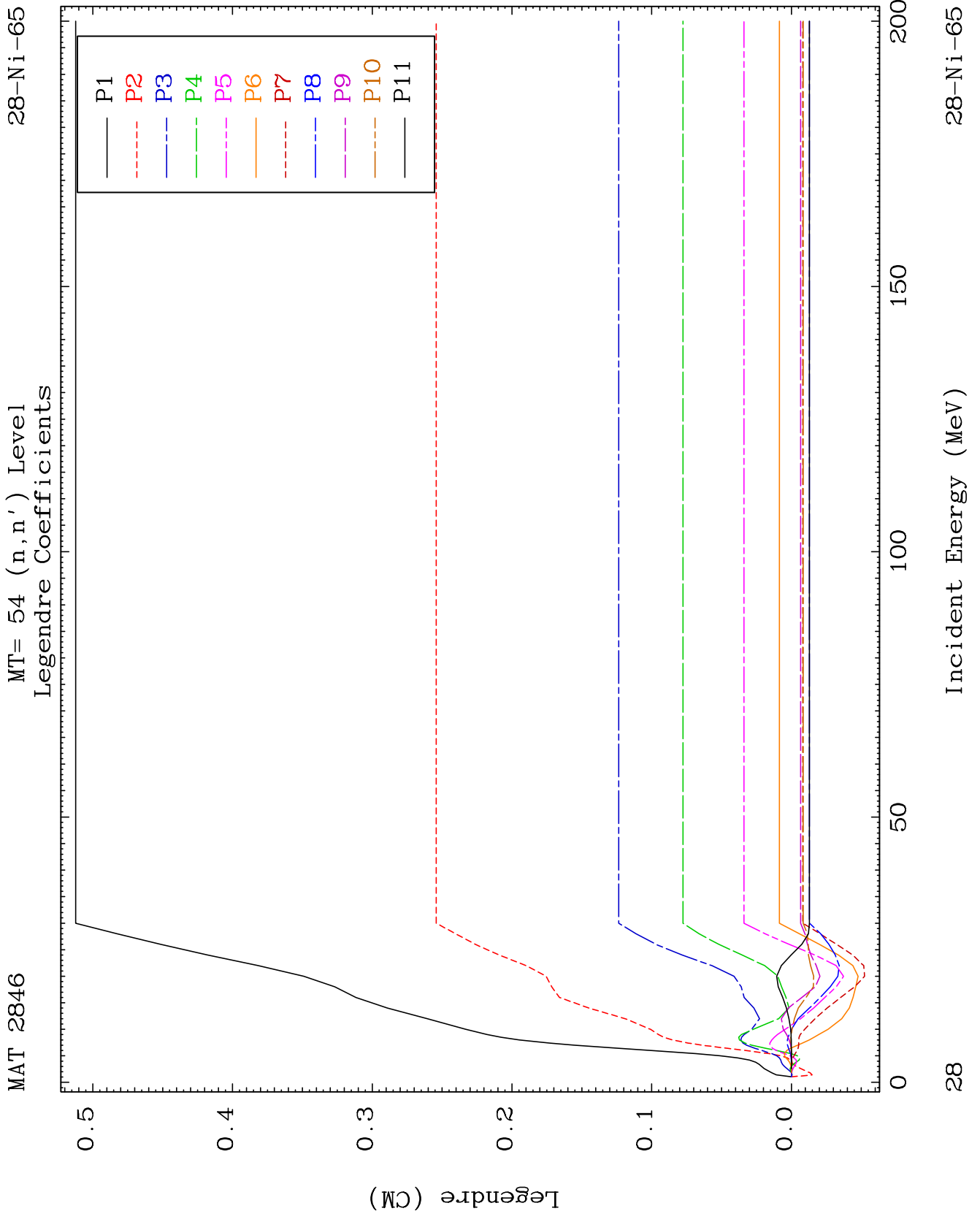








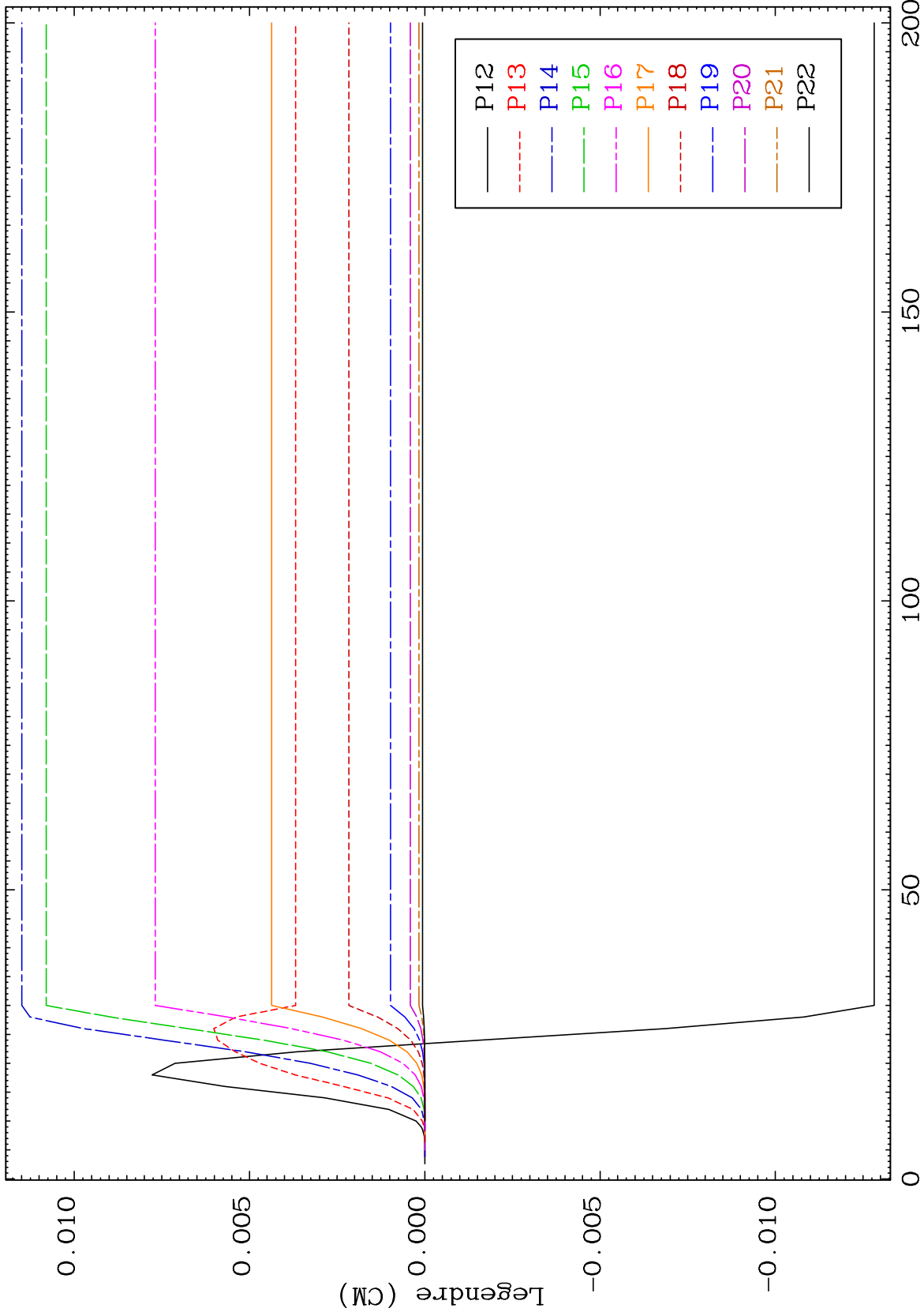




MAT 2846

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

28-Ni-65



29

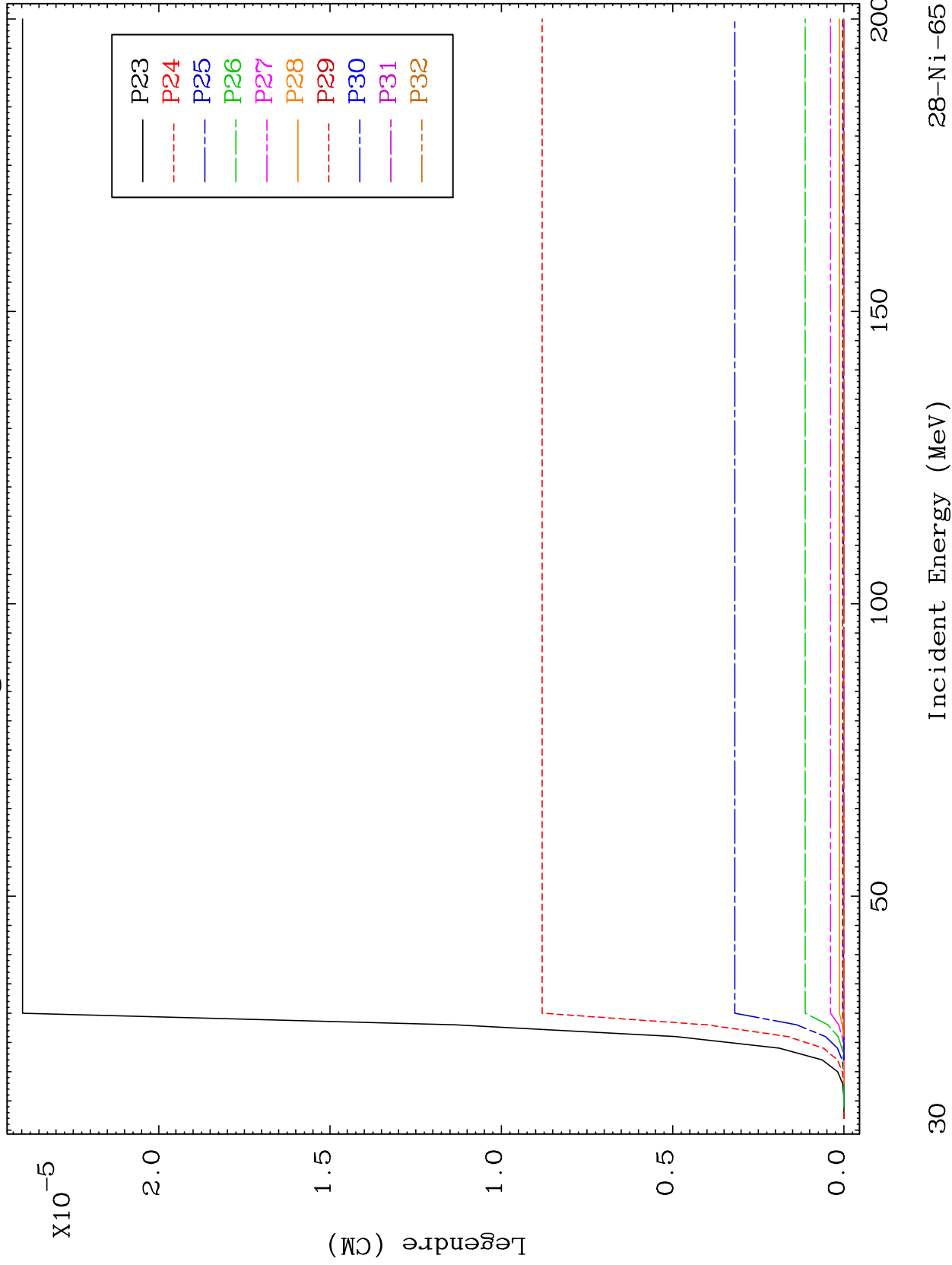
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



30

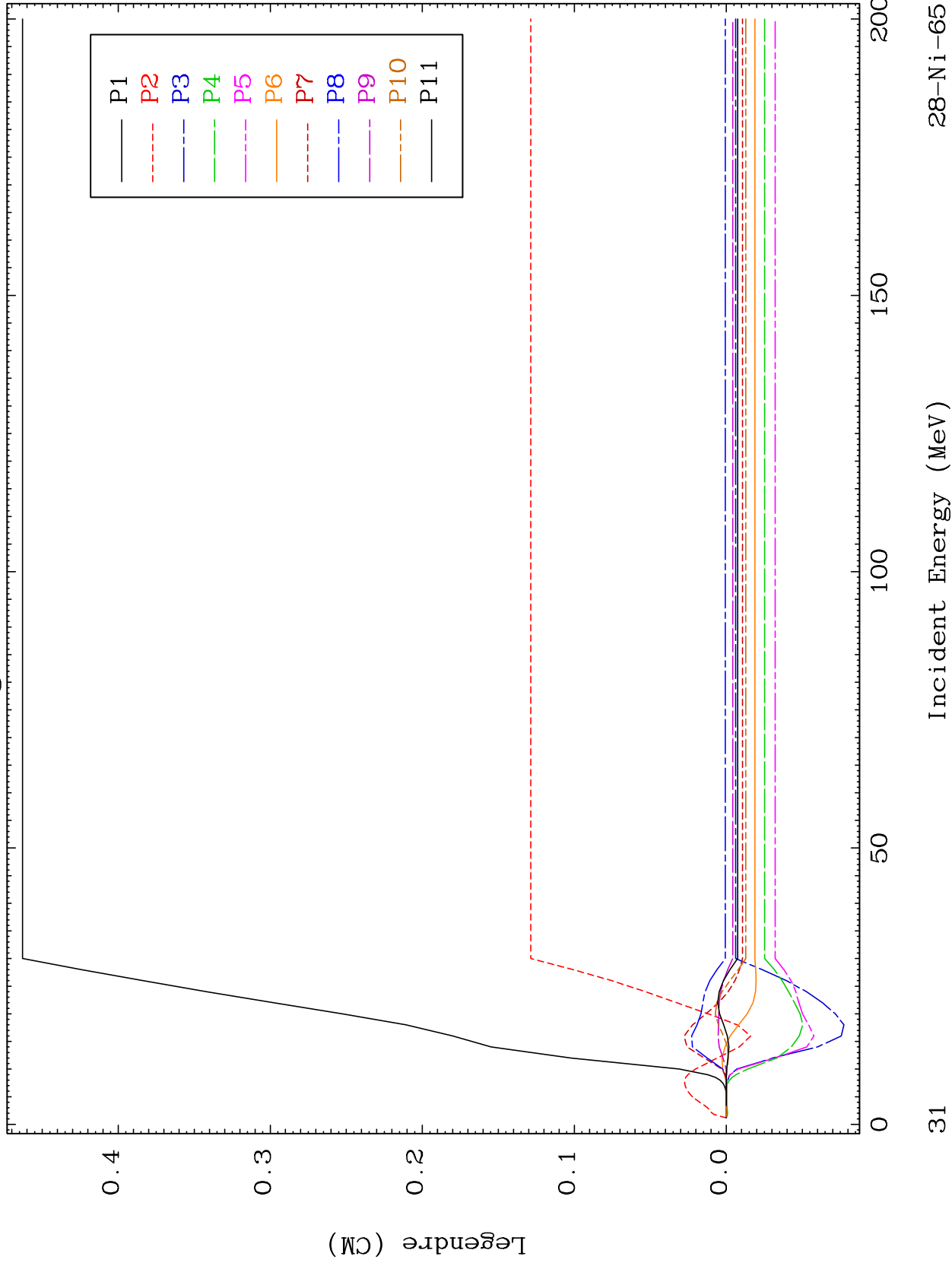
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



31

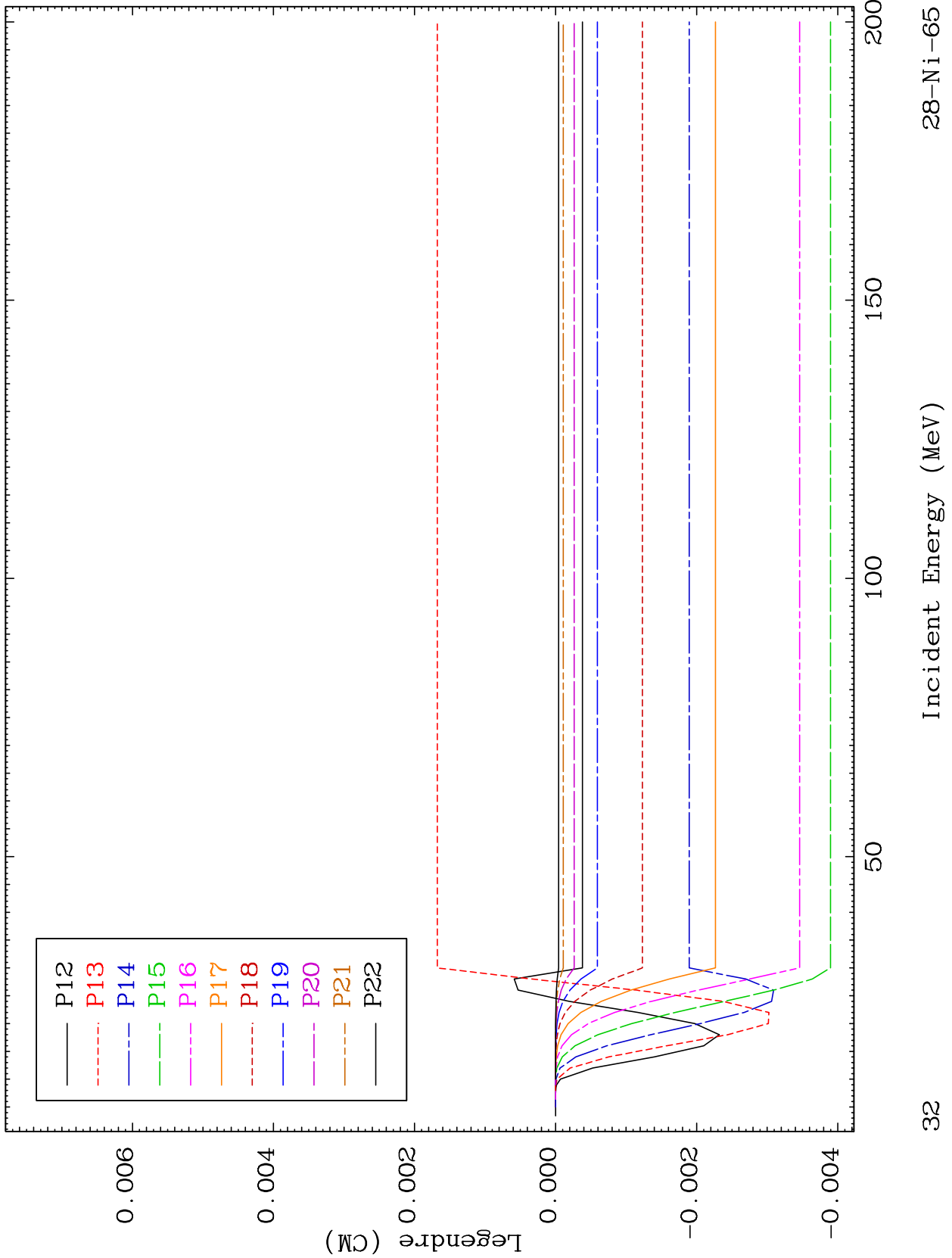
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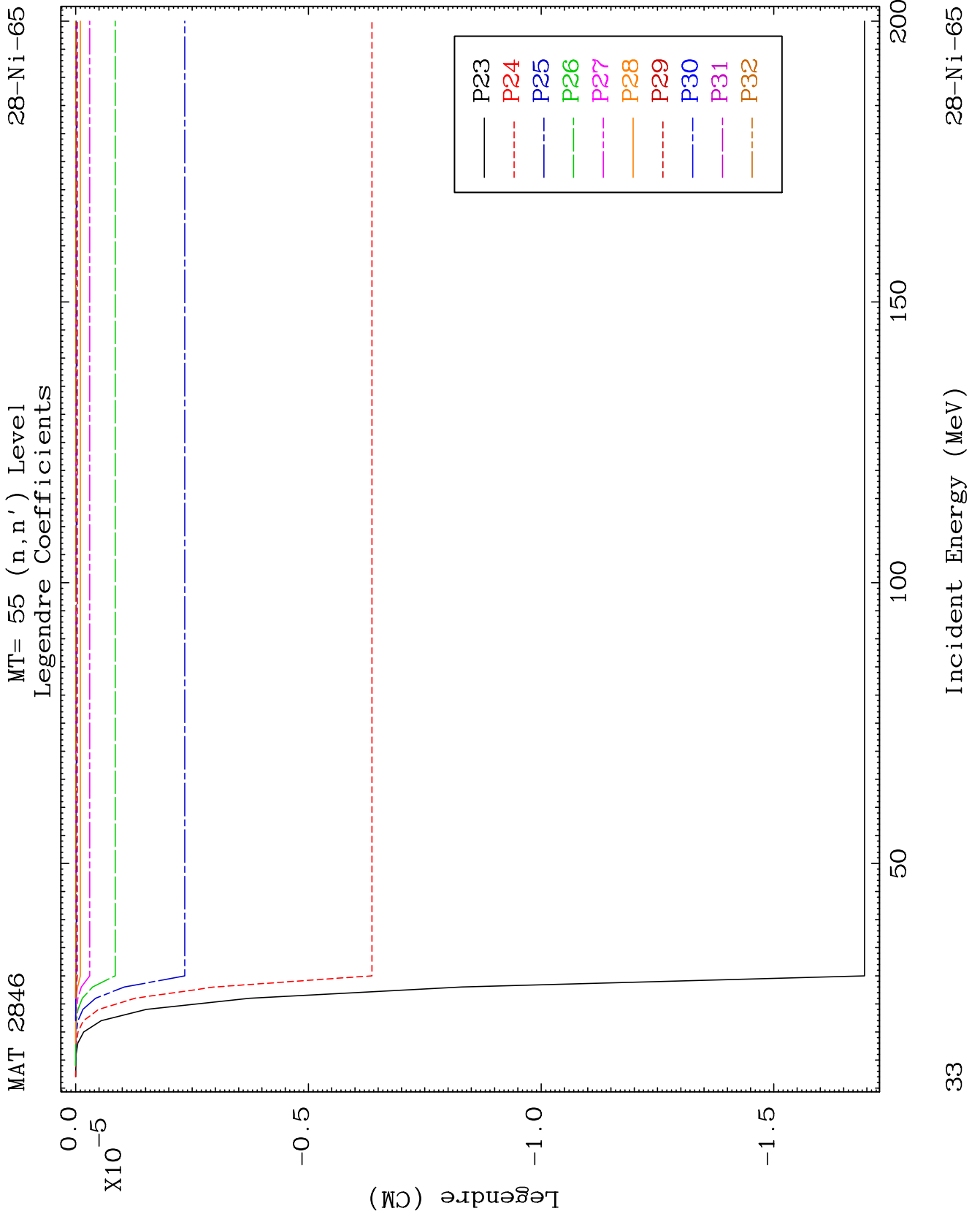
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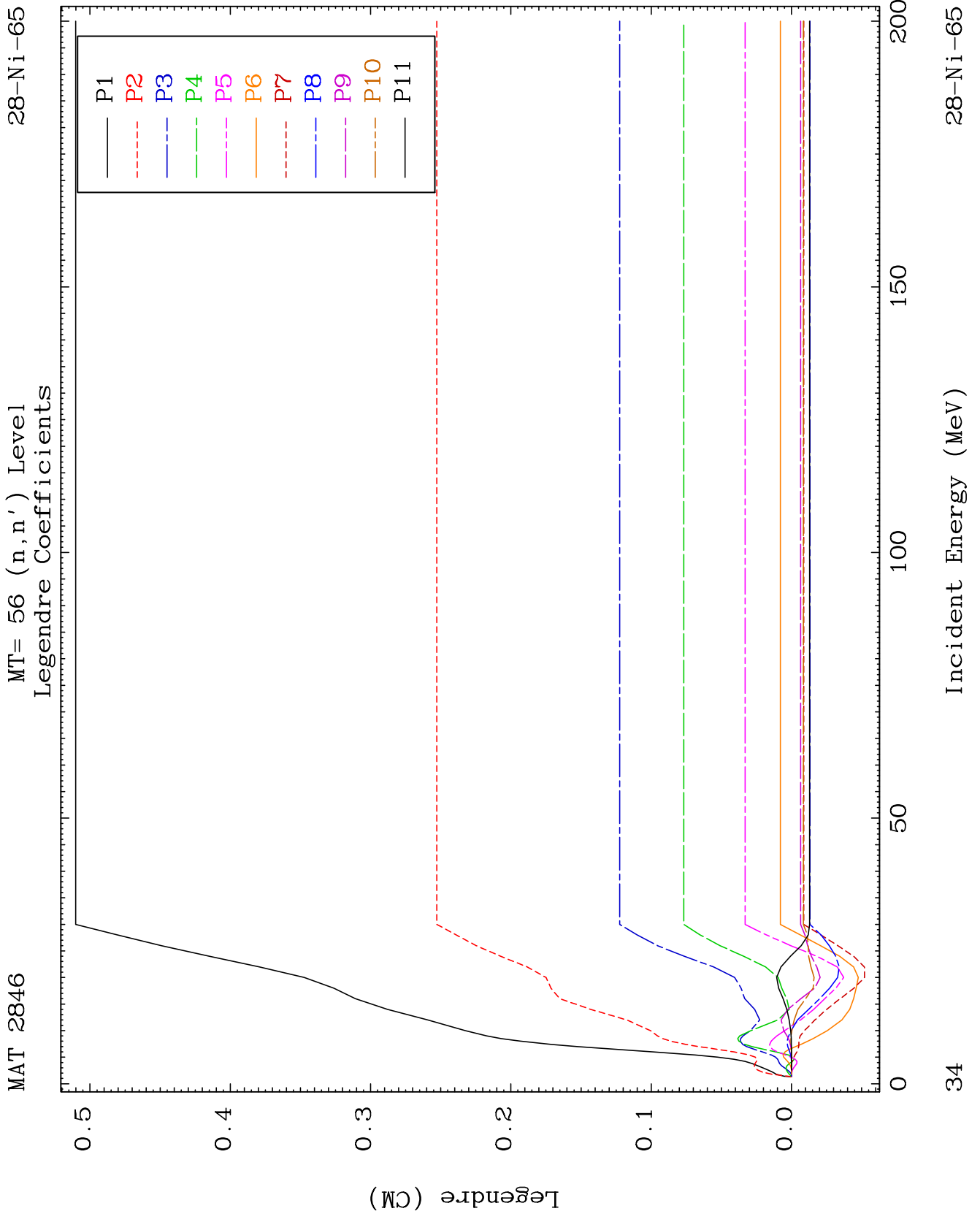
MAT 2846

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

28-Ni-65



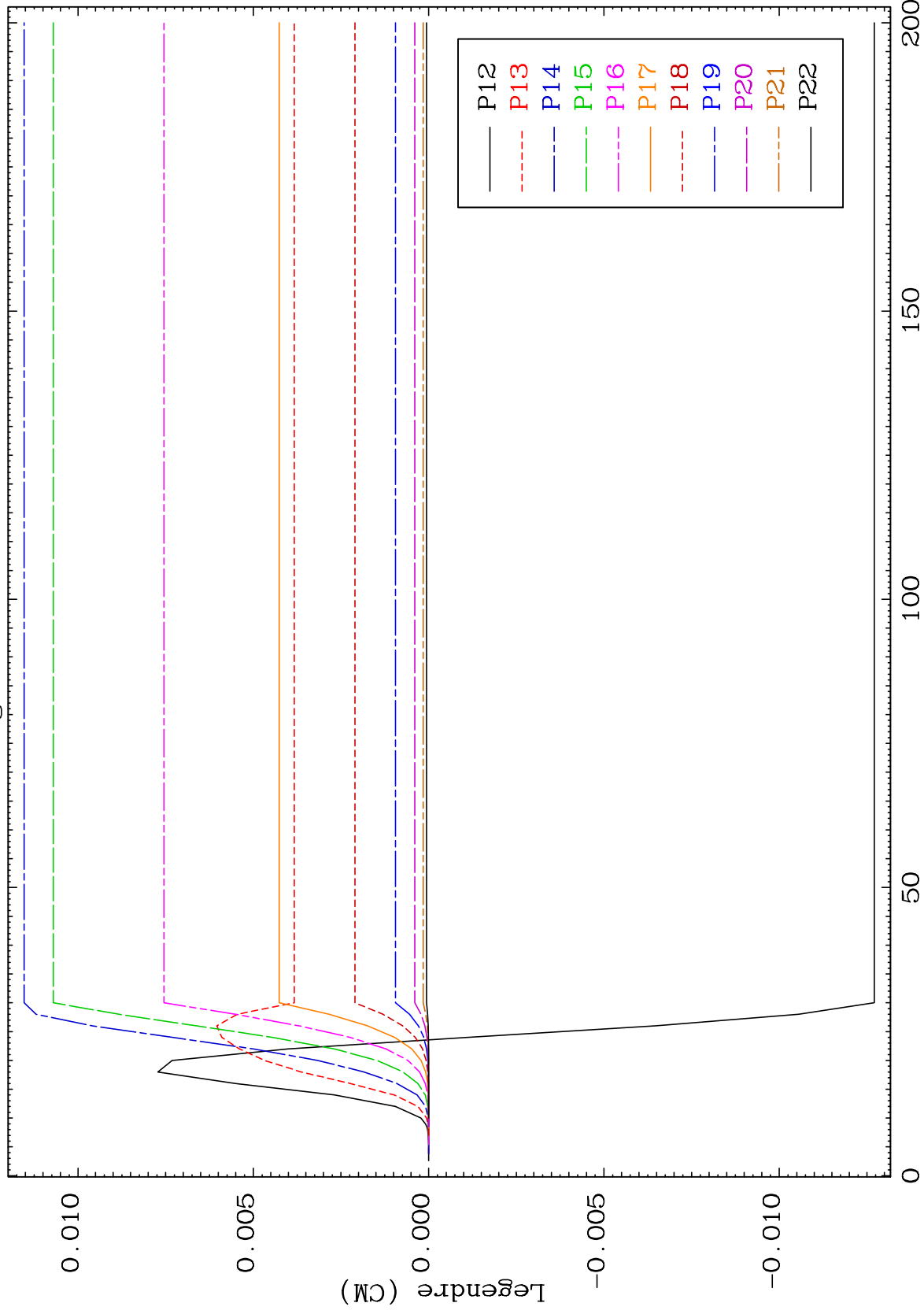




MAT 2846

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

28-Ni-65



35

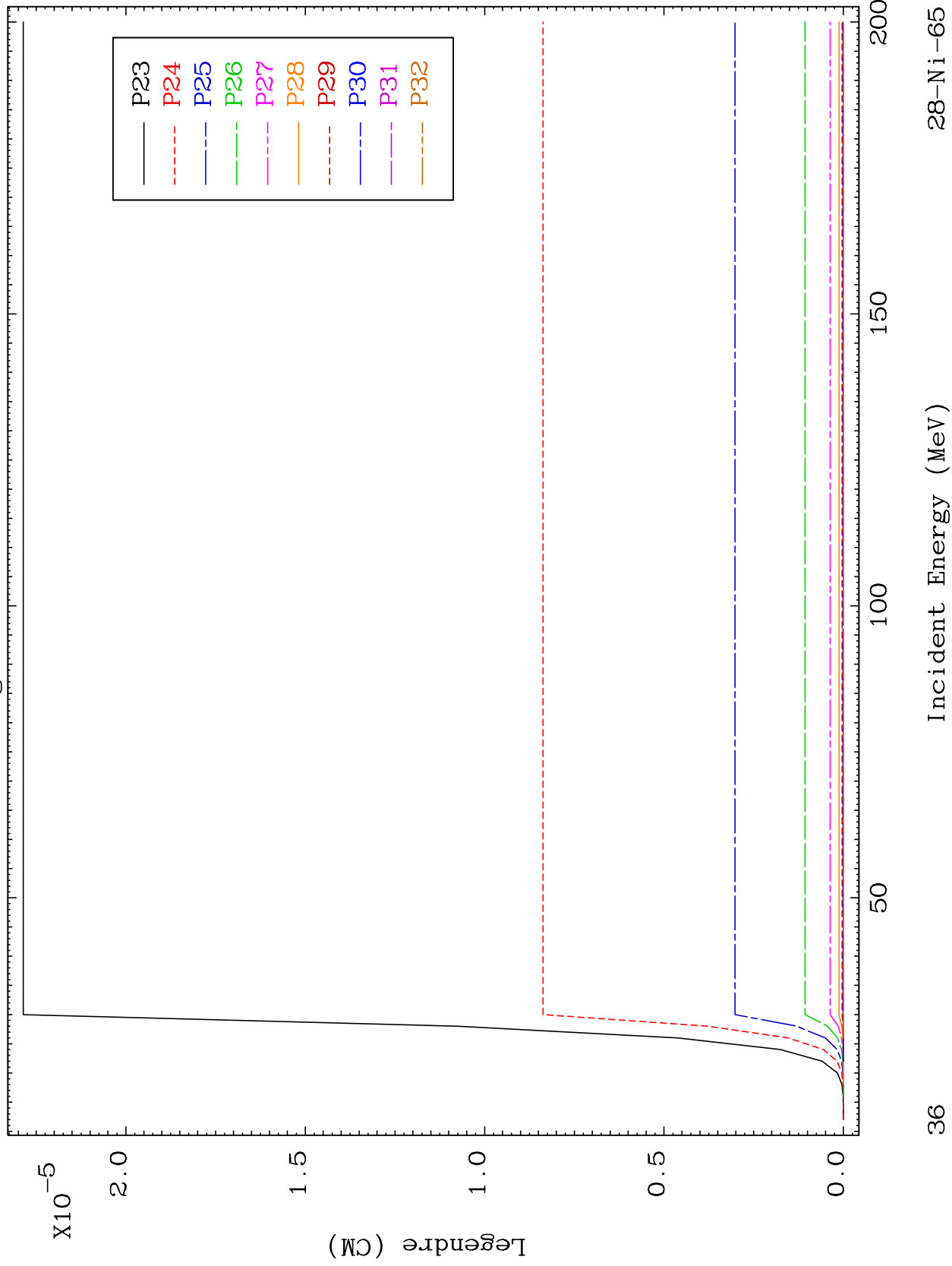
Incident Energy (MeV)

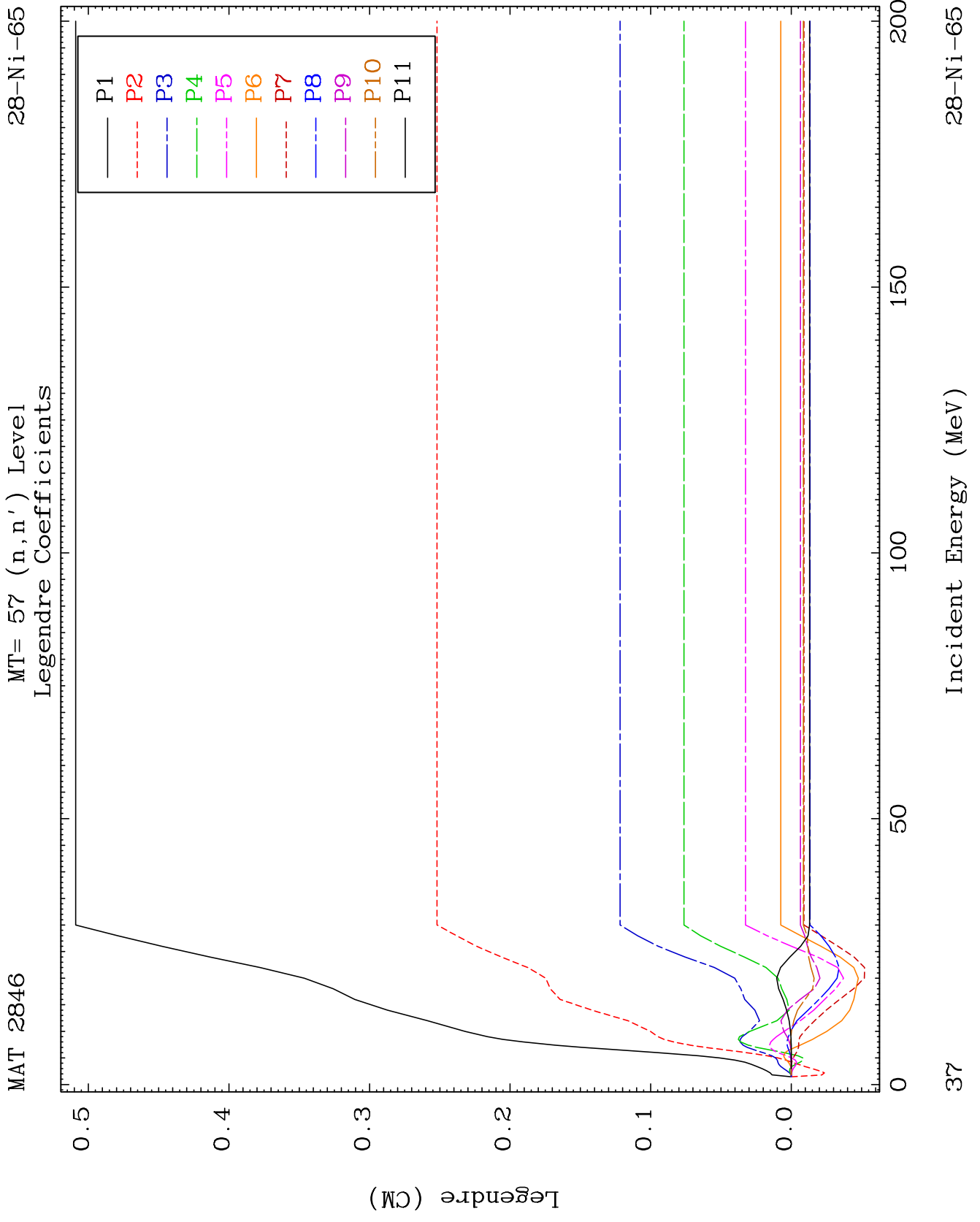
28-Ni-65

MAT 2846

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

28-Ni-65



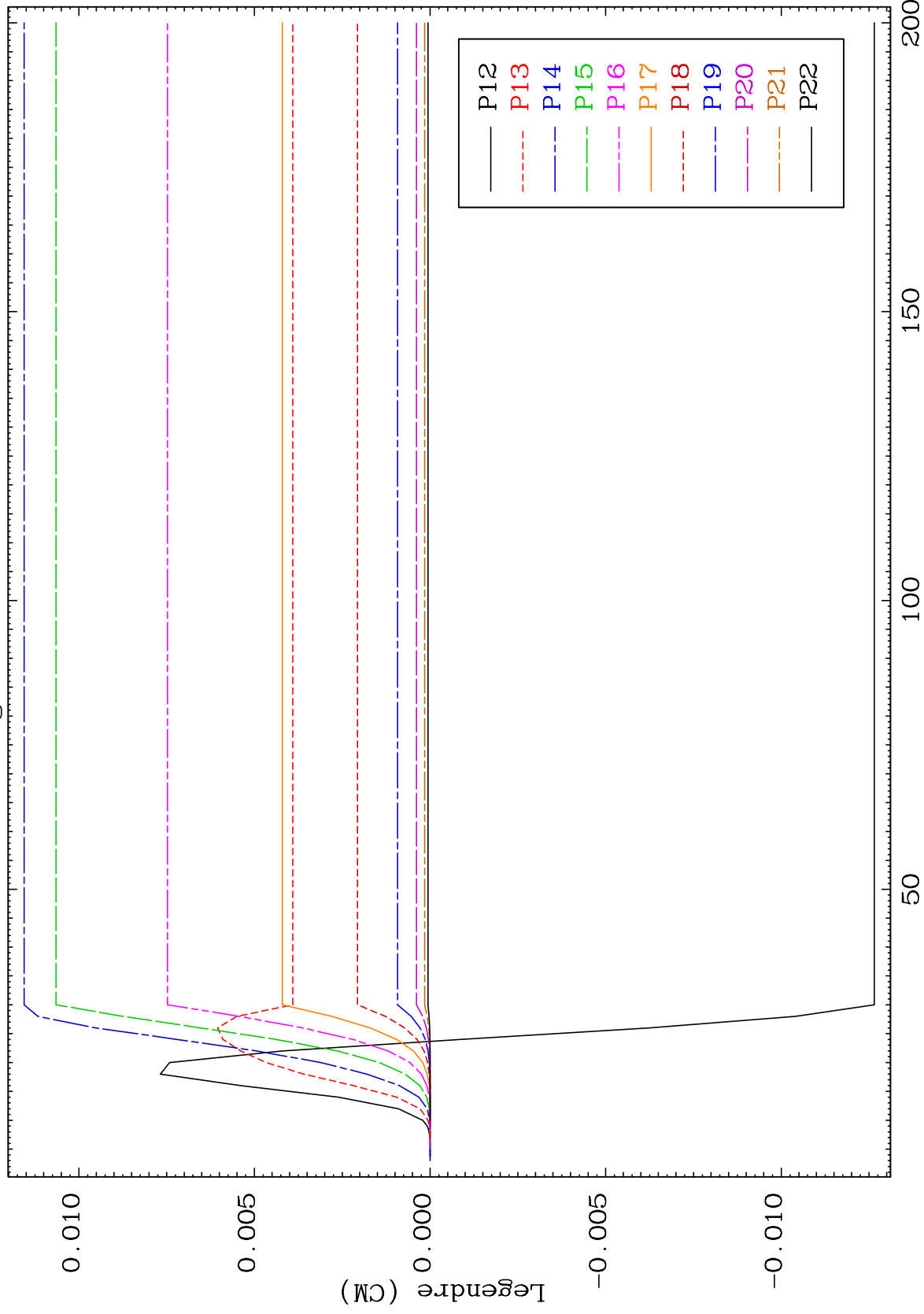


MAT 2846

MT= 57 (n,n') Level

28-Ni-65

Legendre Coefficients



38

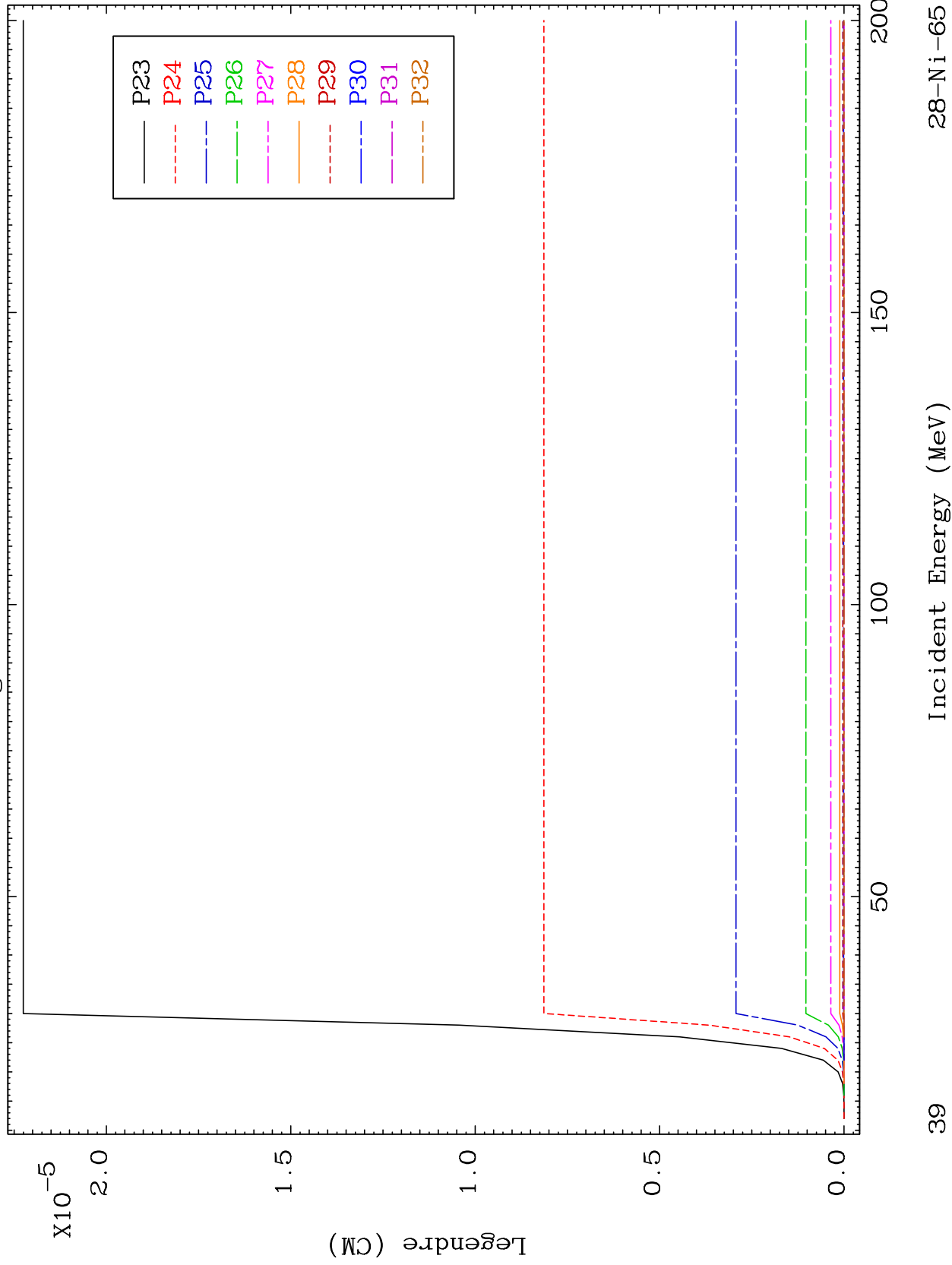
Incident Energy (MeV)

28-Ni-65

MAT 2846

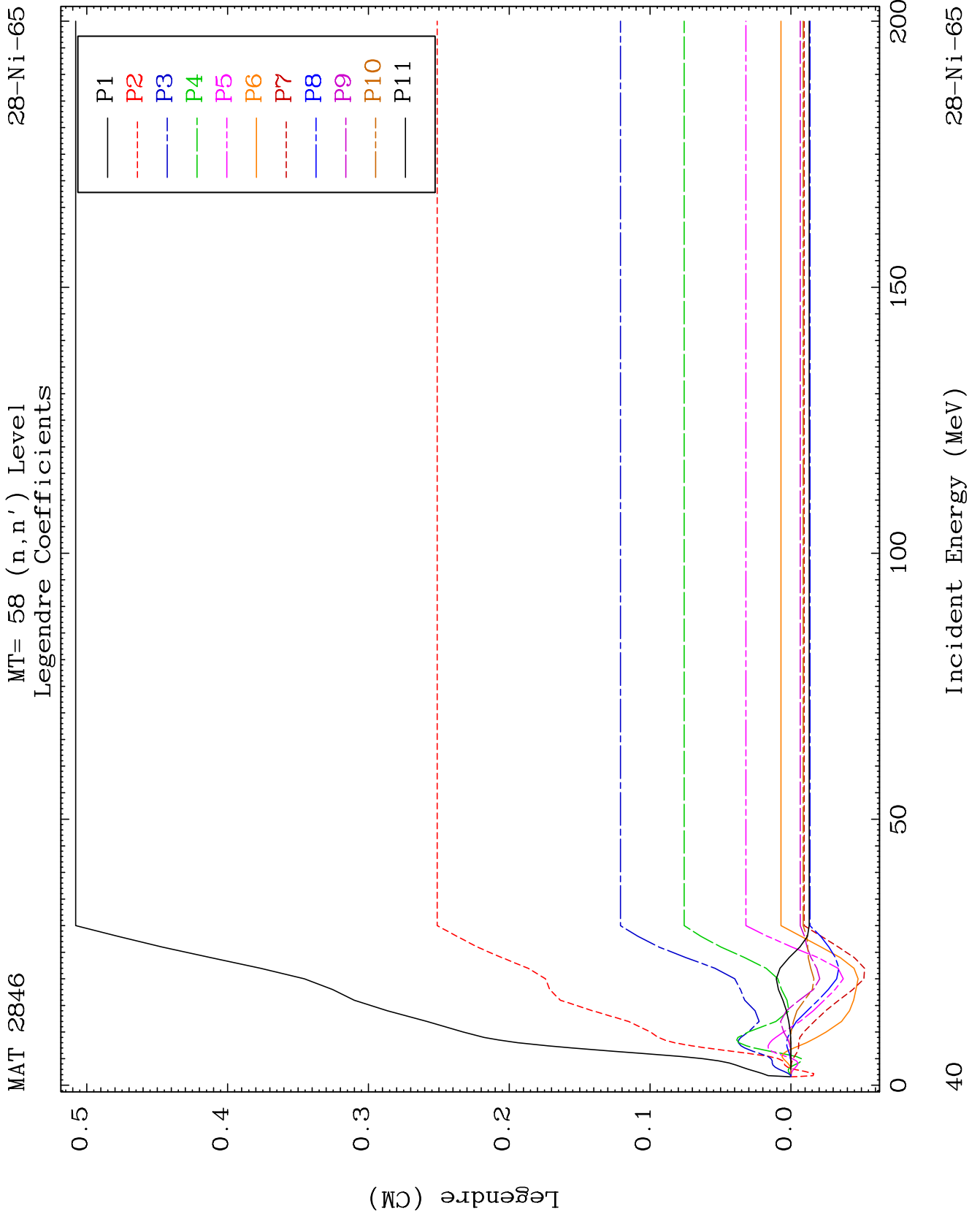
MT= 57 (n,n') Level
Legendre Coefficients

28-Ni-65



39

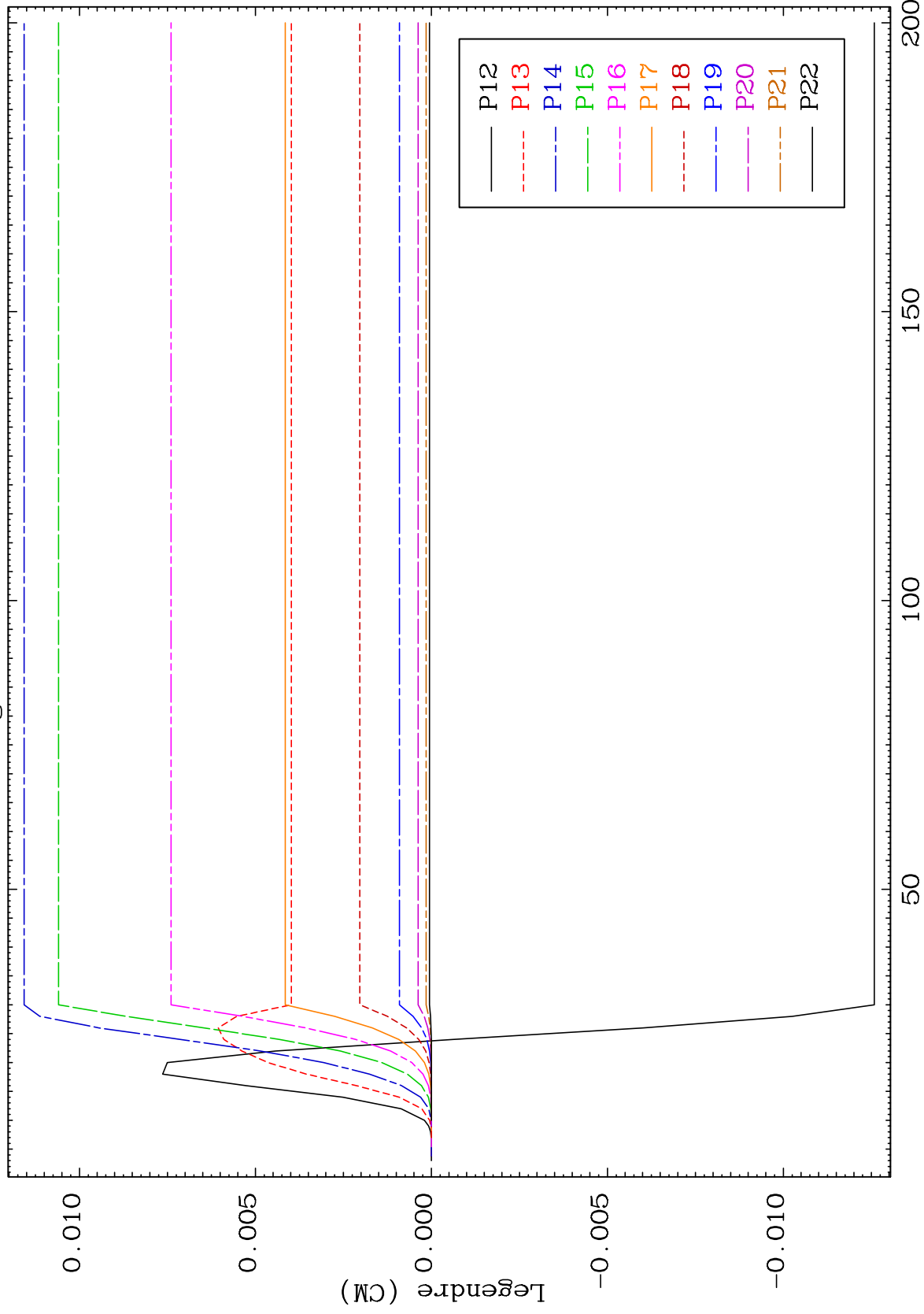
28-Ni-65



MAT 2846

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

28-Ni-65



41

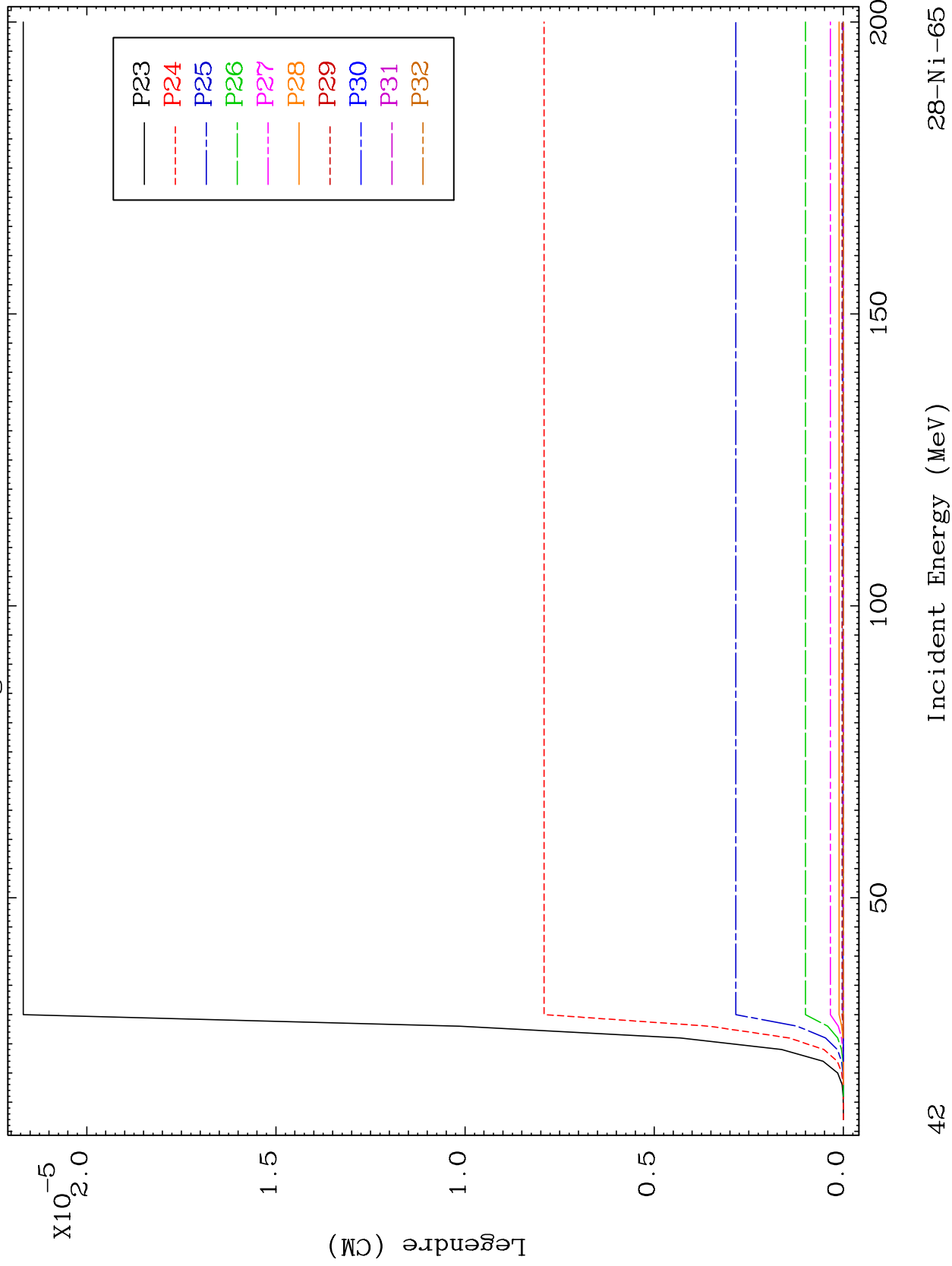
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



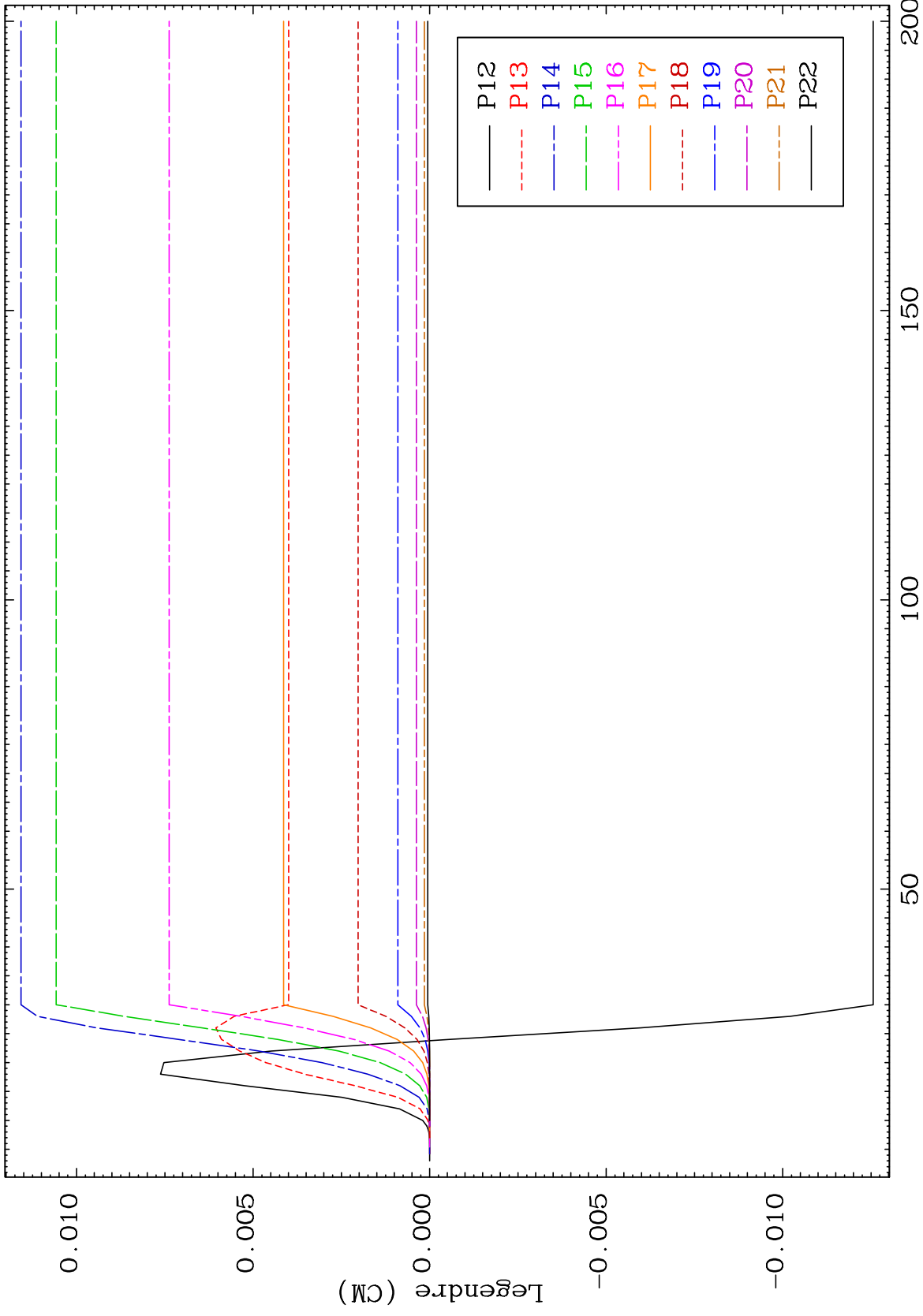
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28-Ni-65

MAT 2846

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

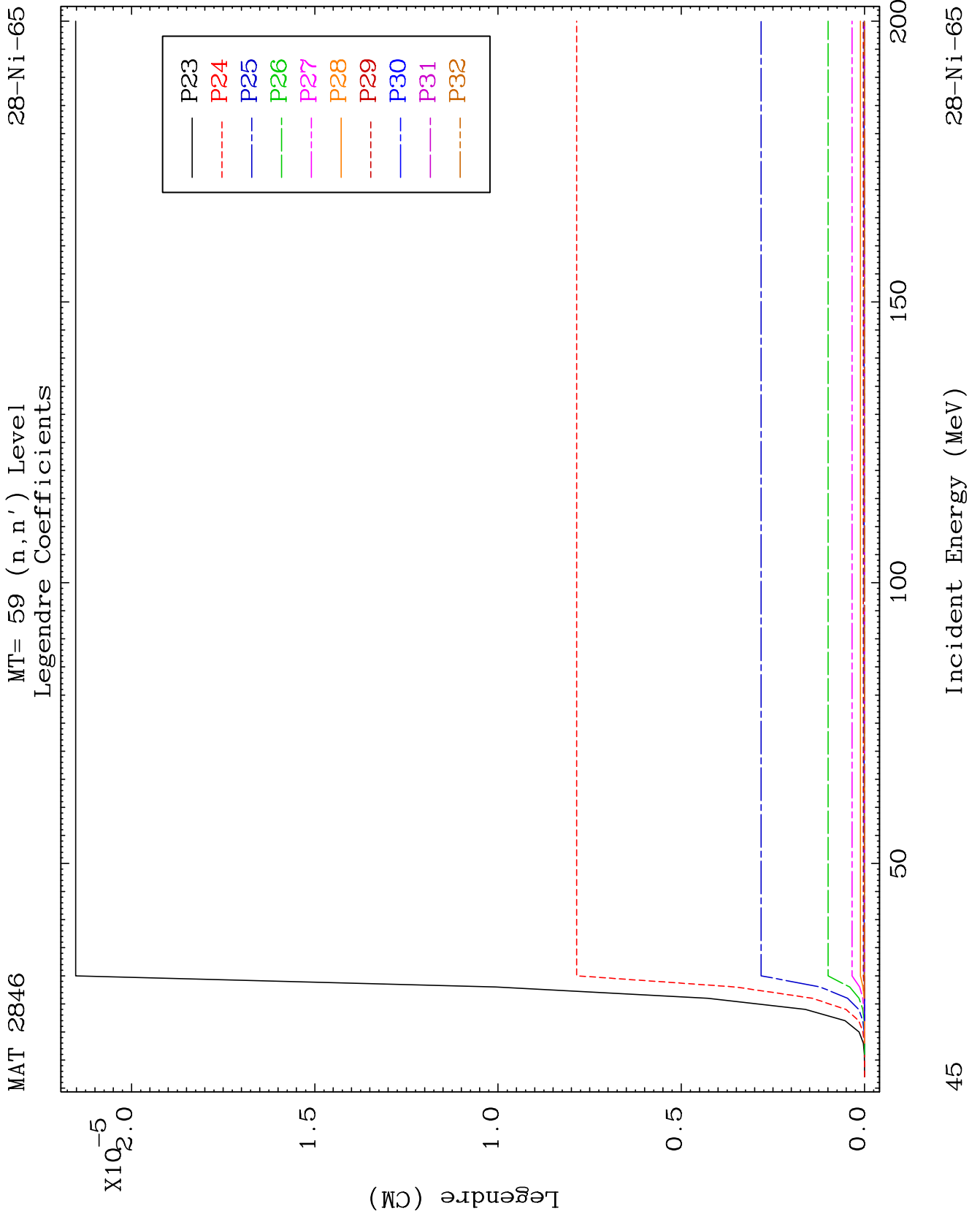
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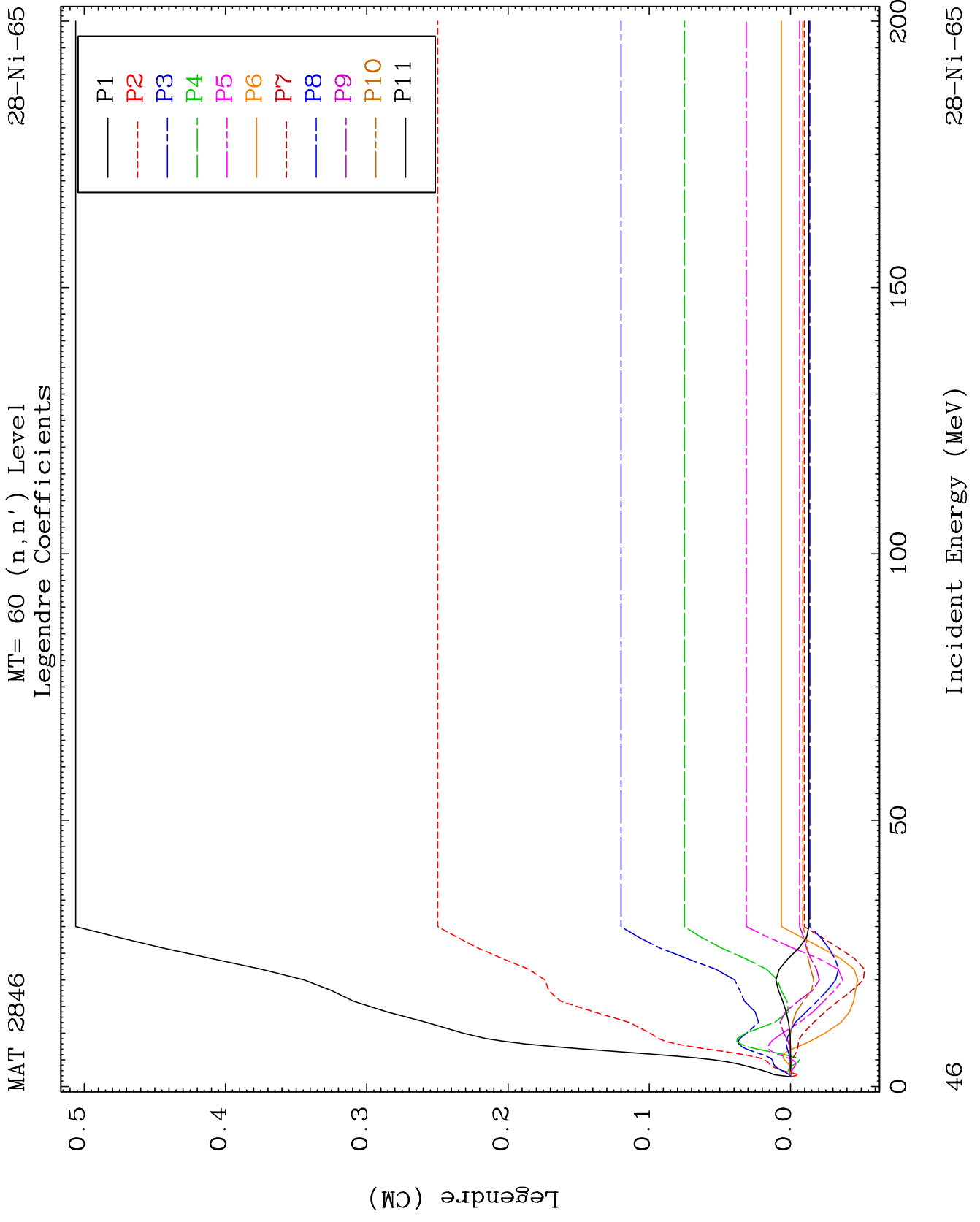


44

Incident Energy (MeV)

28-Ni-65

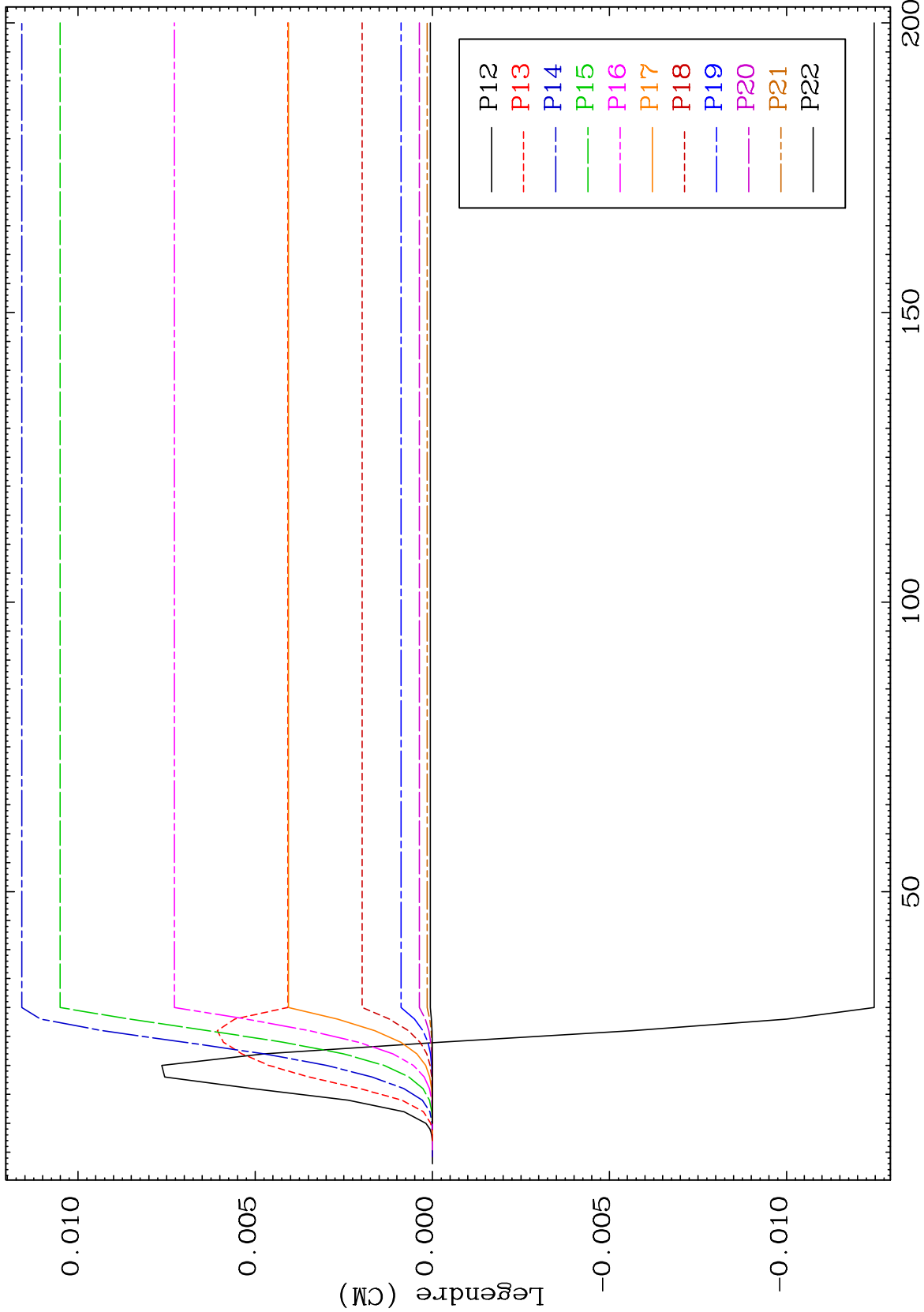




MAT 2846

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

28-Ni-65



47

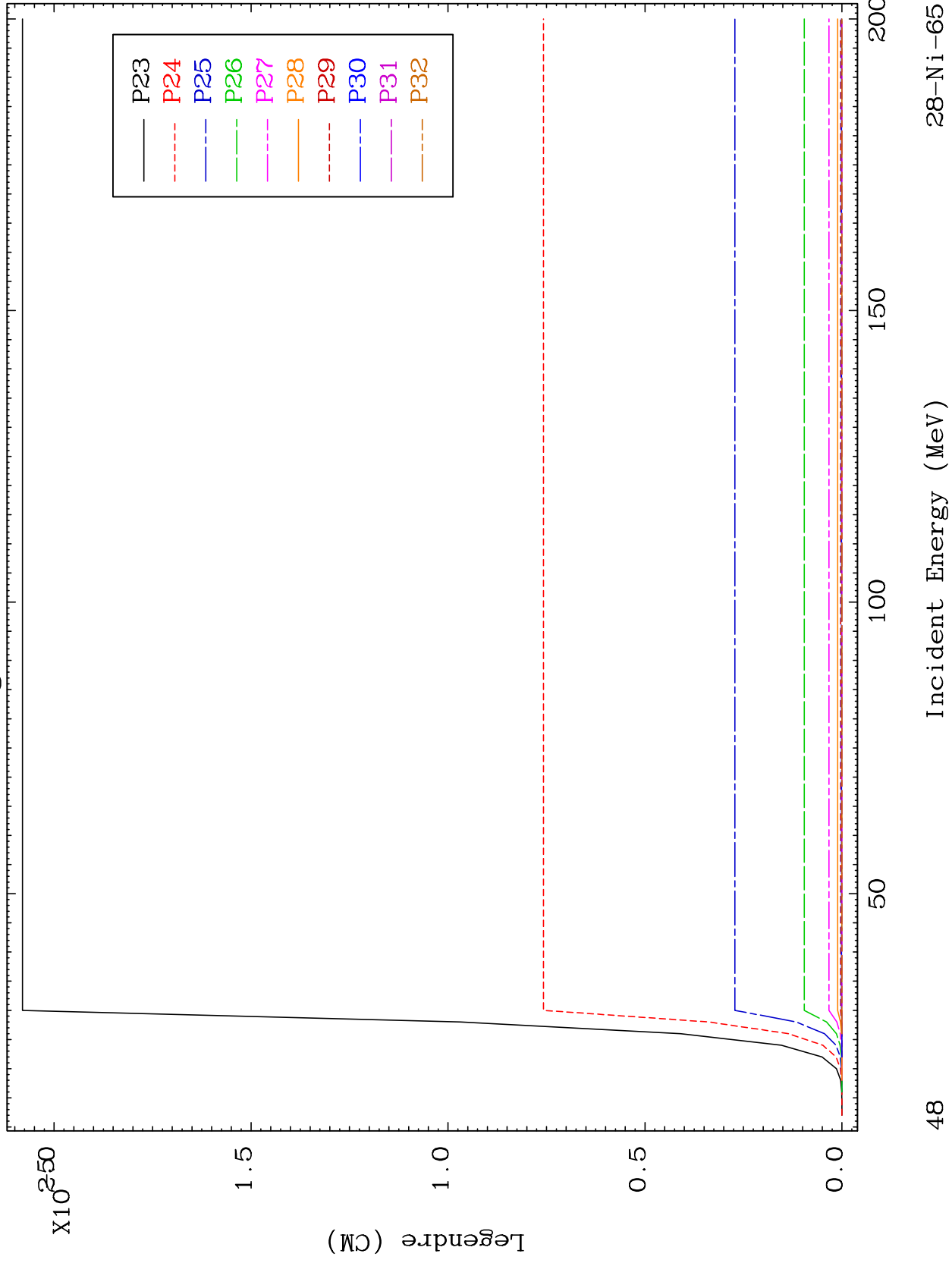
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



48

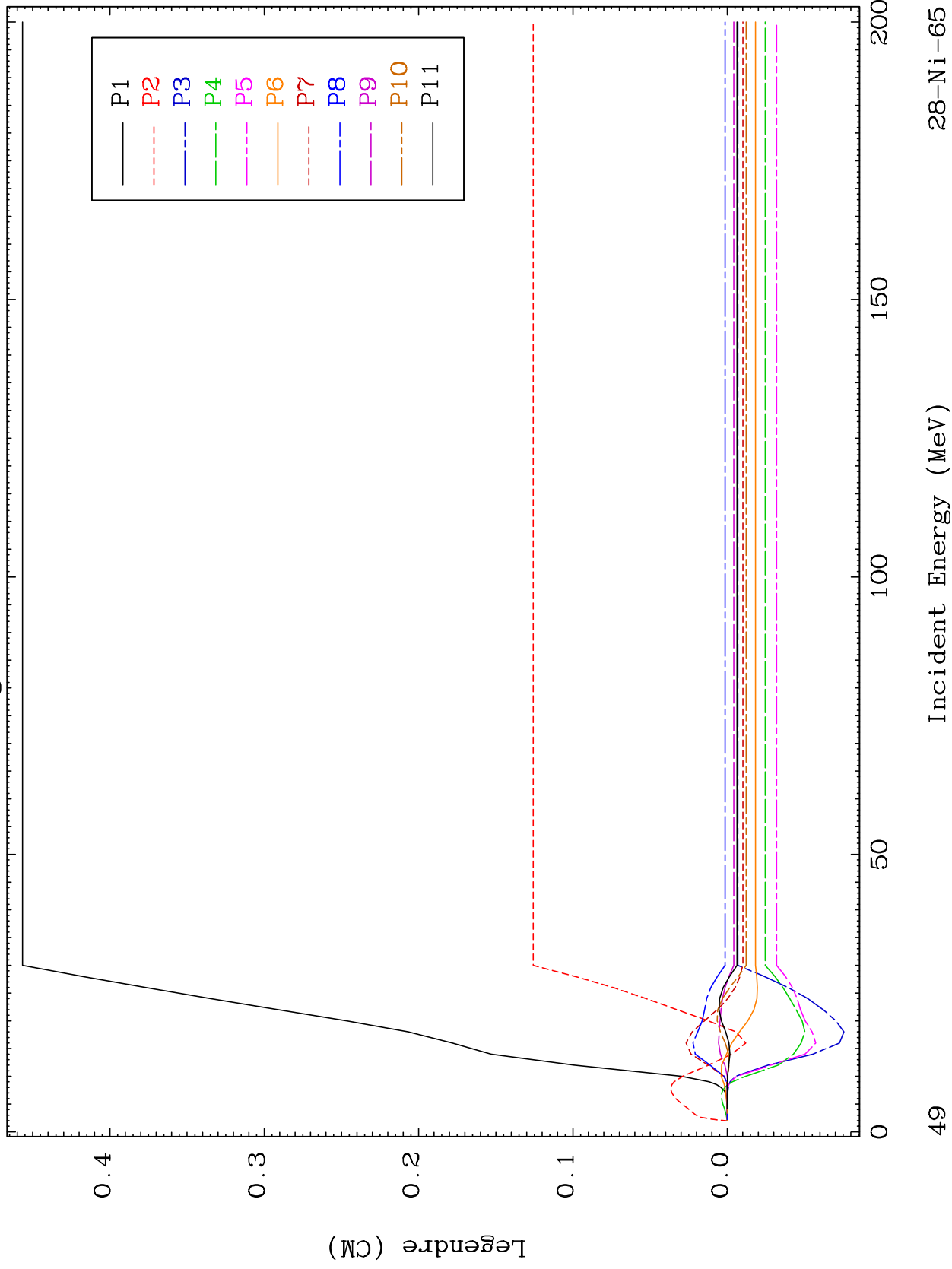
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



28-Ni-65

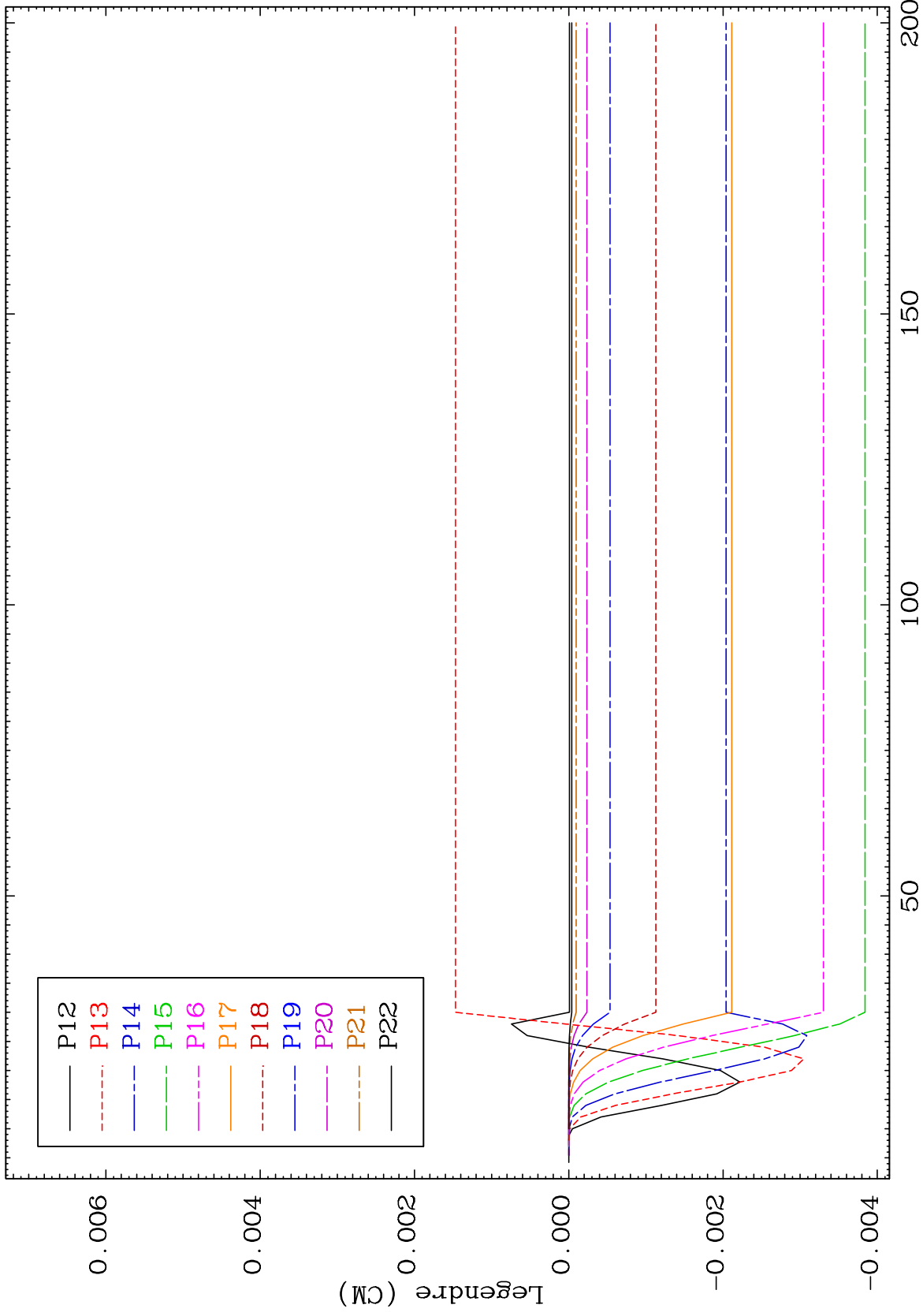
Incident Energy (MeV)

49

MAT 2846

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

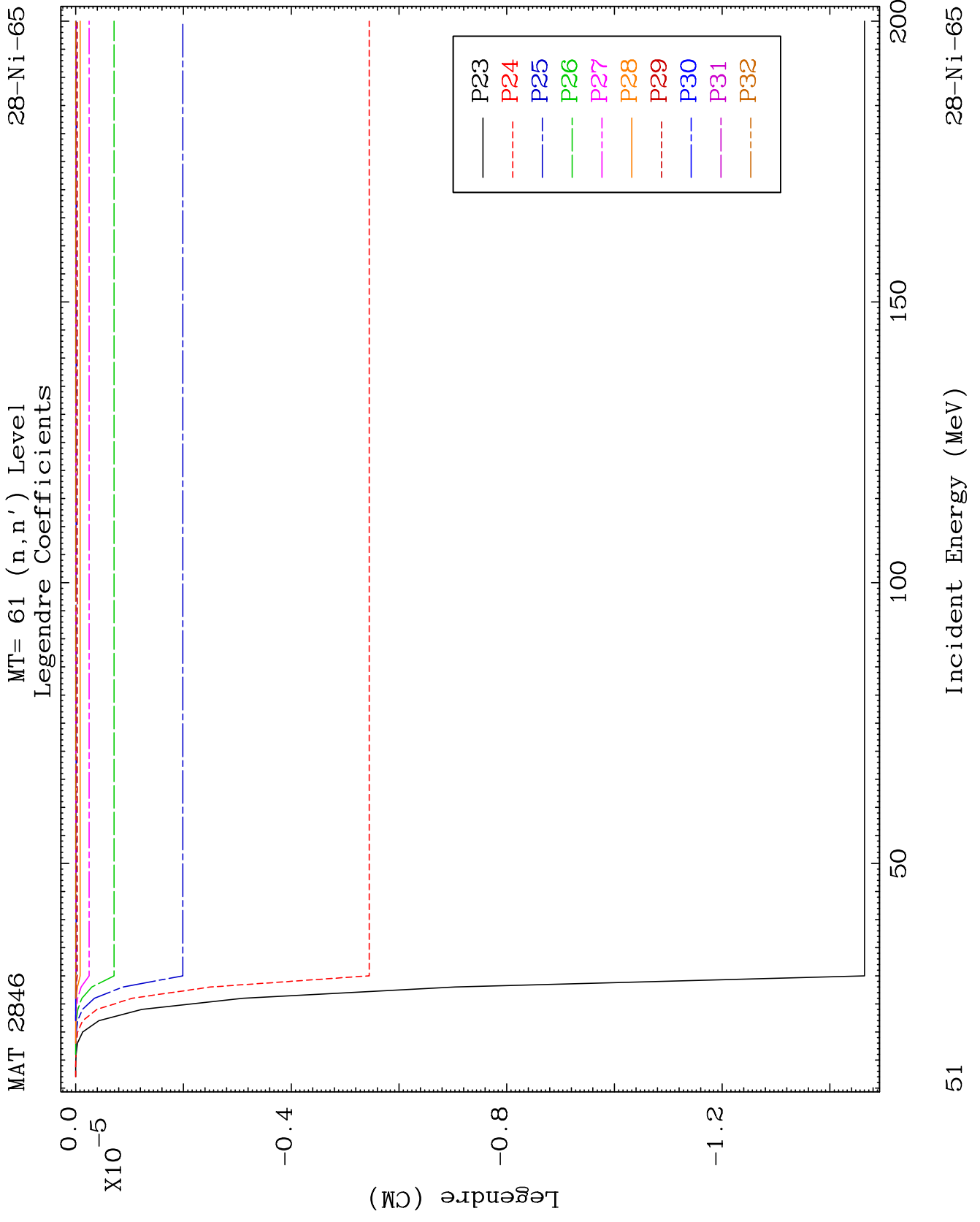
28-Ni-65



50

Incident Energy (MeV)

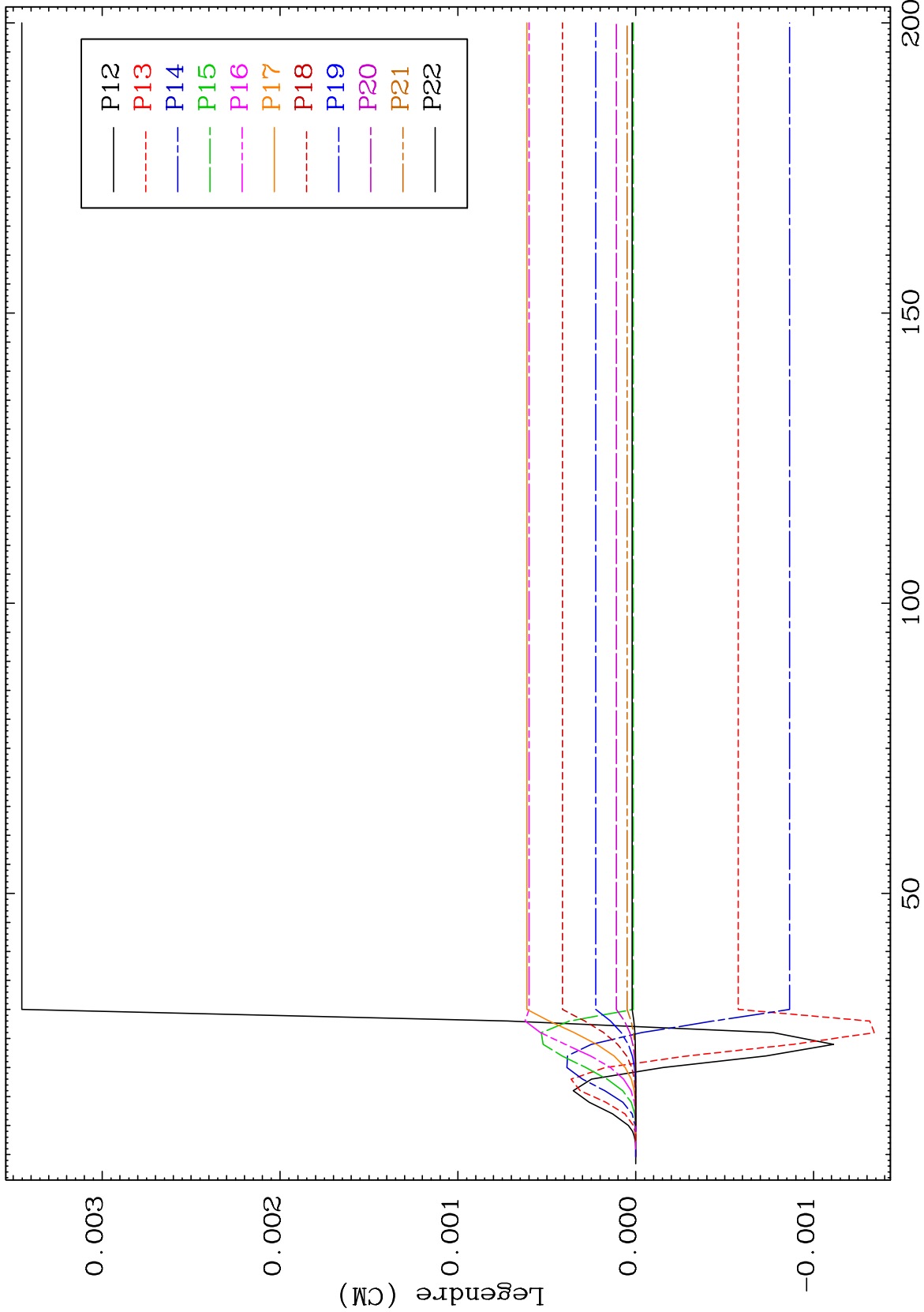
28-Ni-65



MAT 2846

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

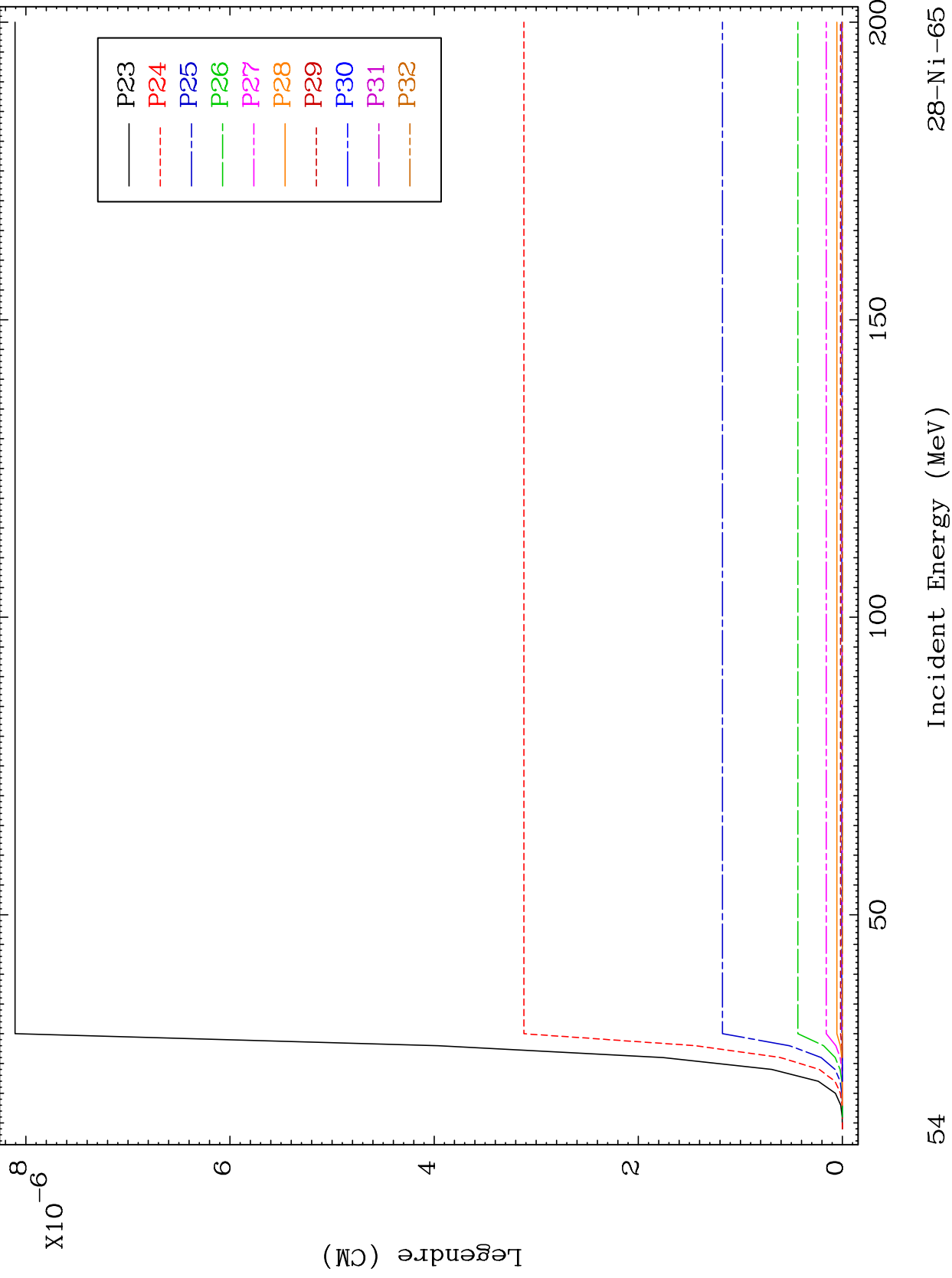
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MAT 2846

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

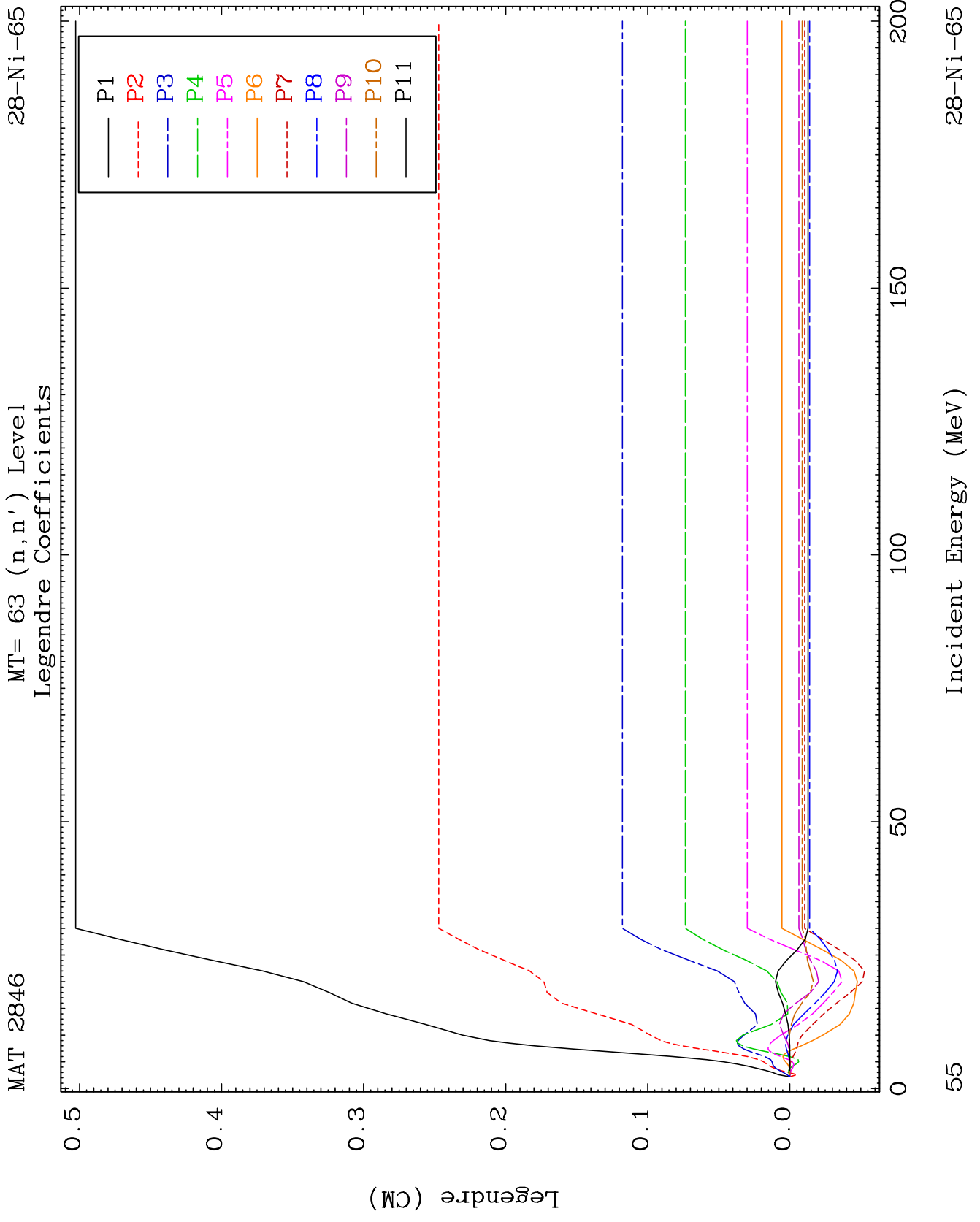
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54

Incident Energy (MeV)

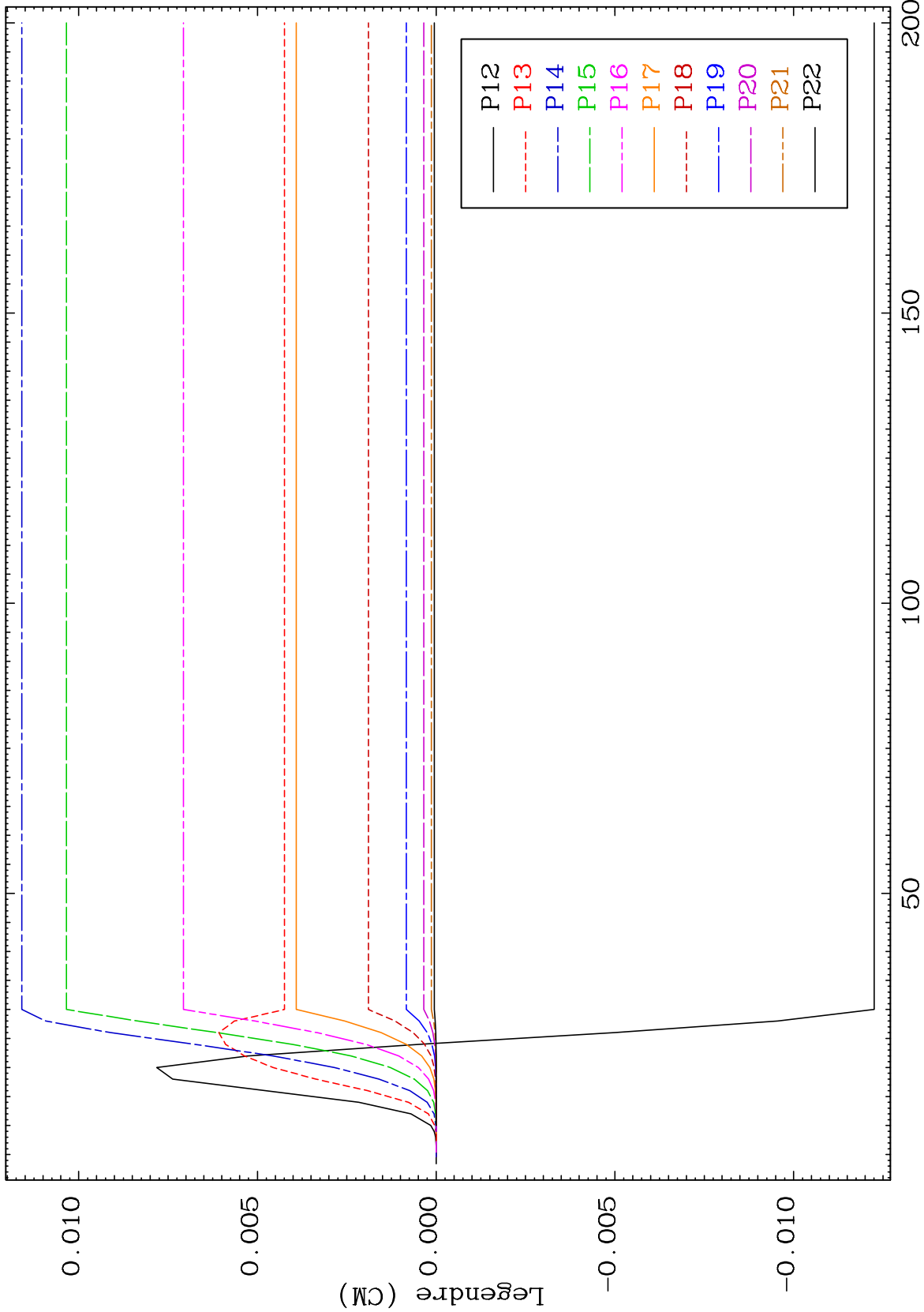
28-Ni-65



MAT 2846

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

28-Ni-65



56

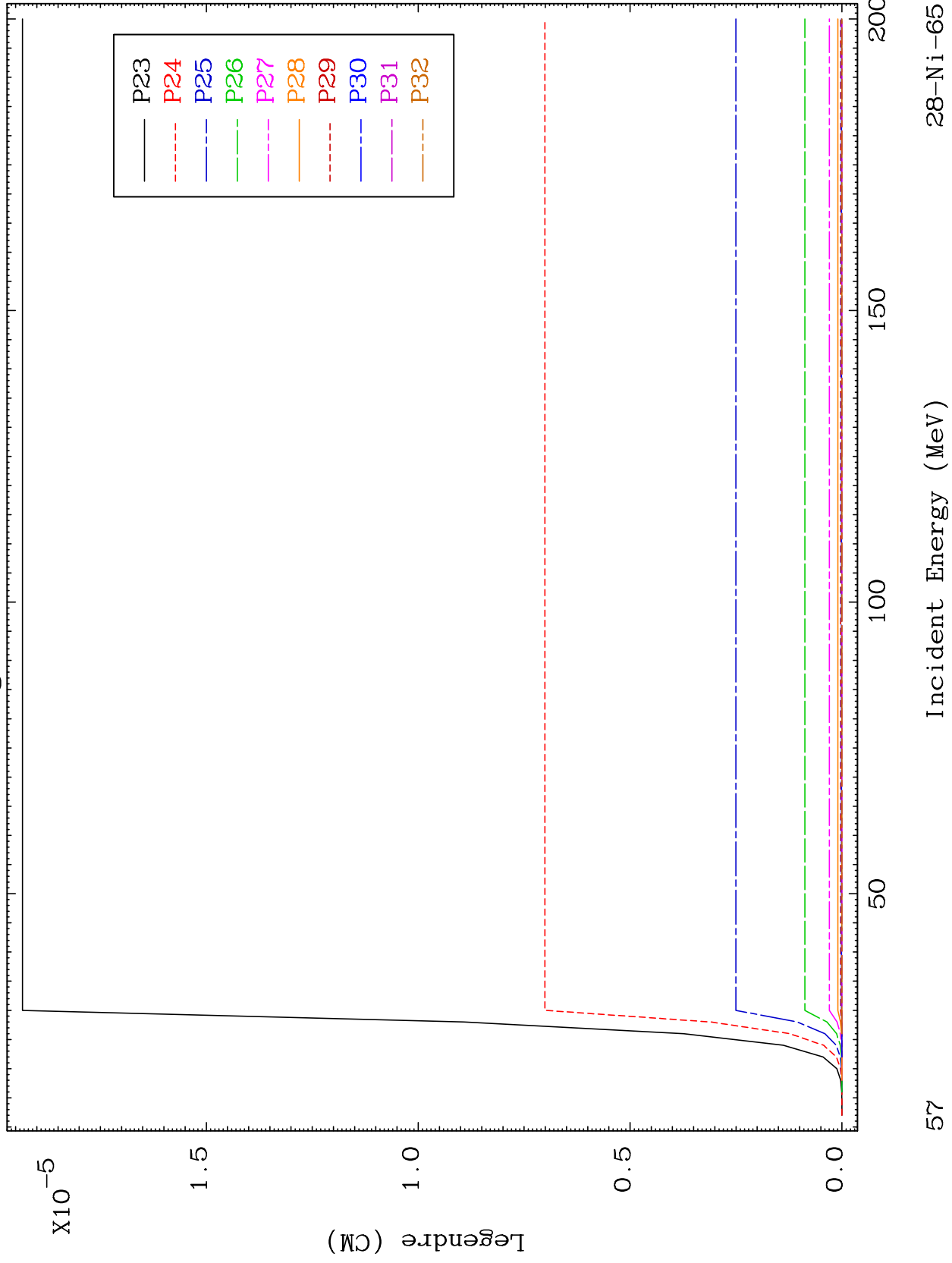
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



57

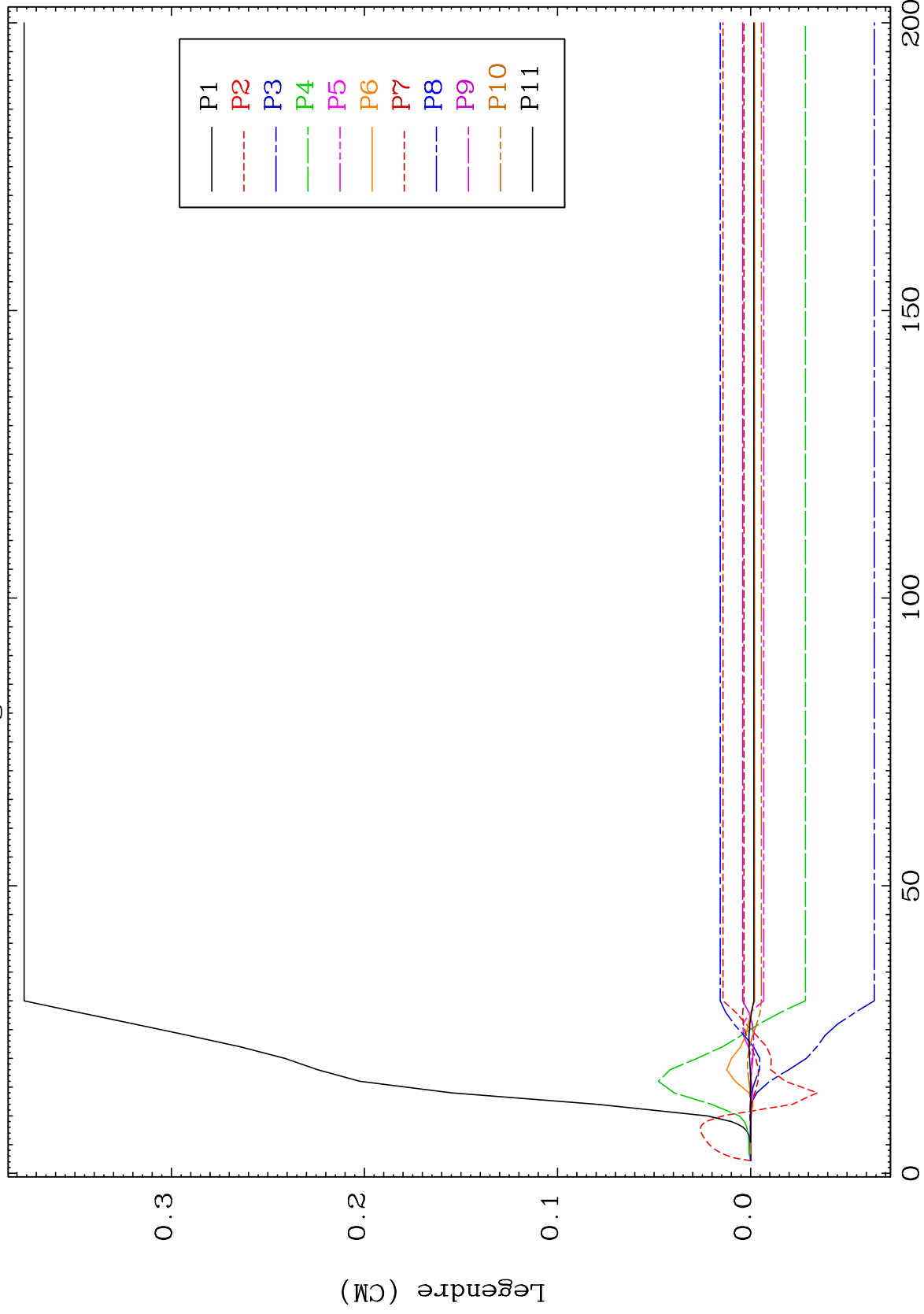
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



58

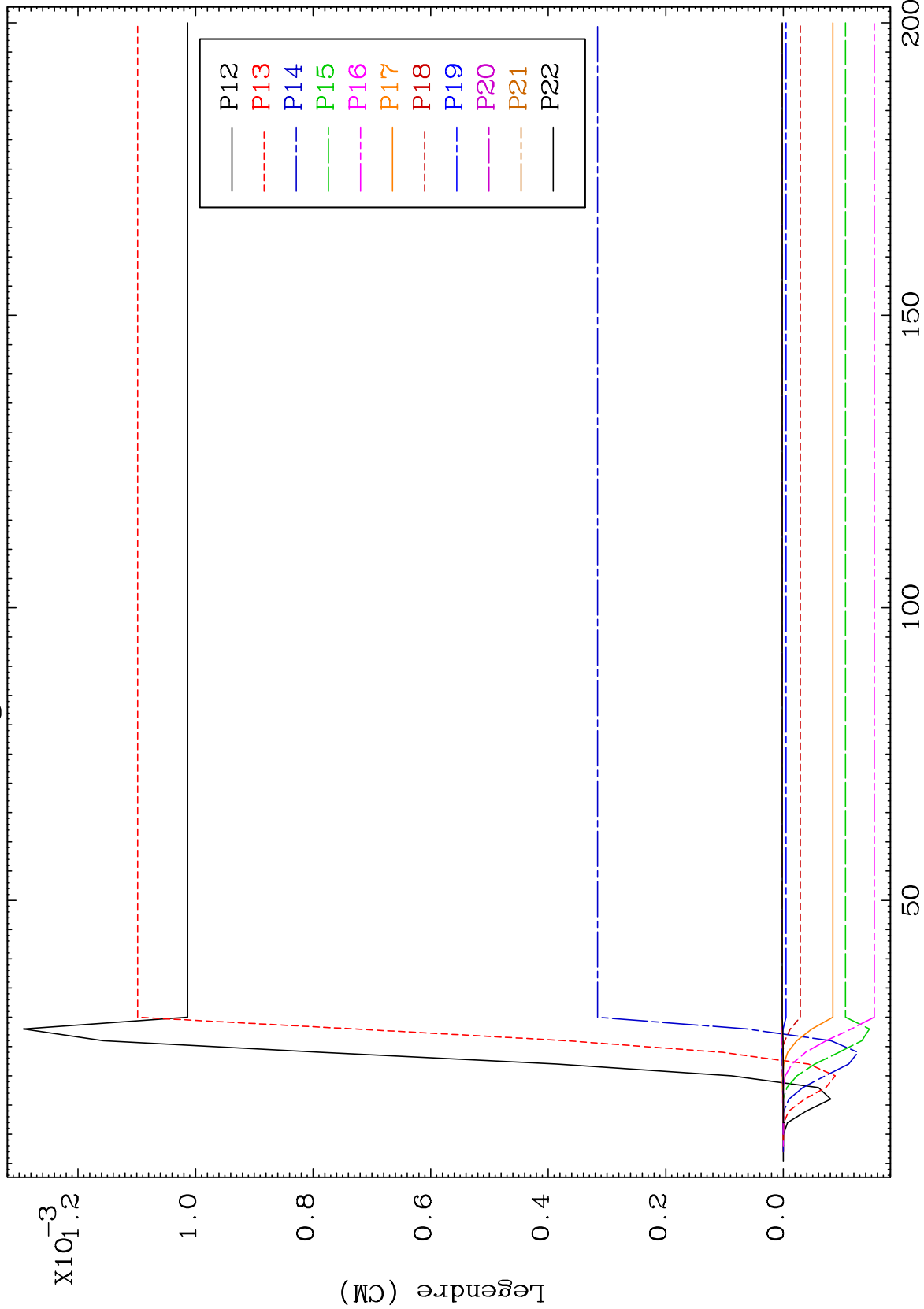
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



59

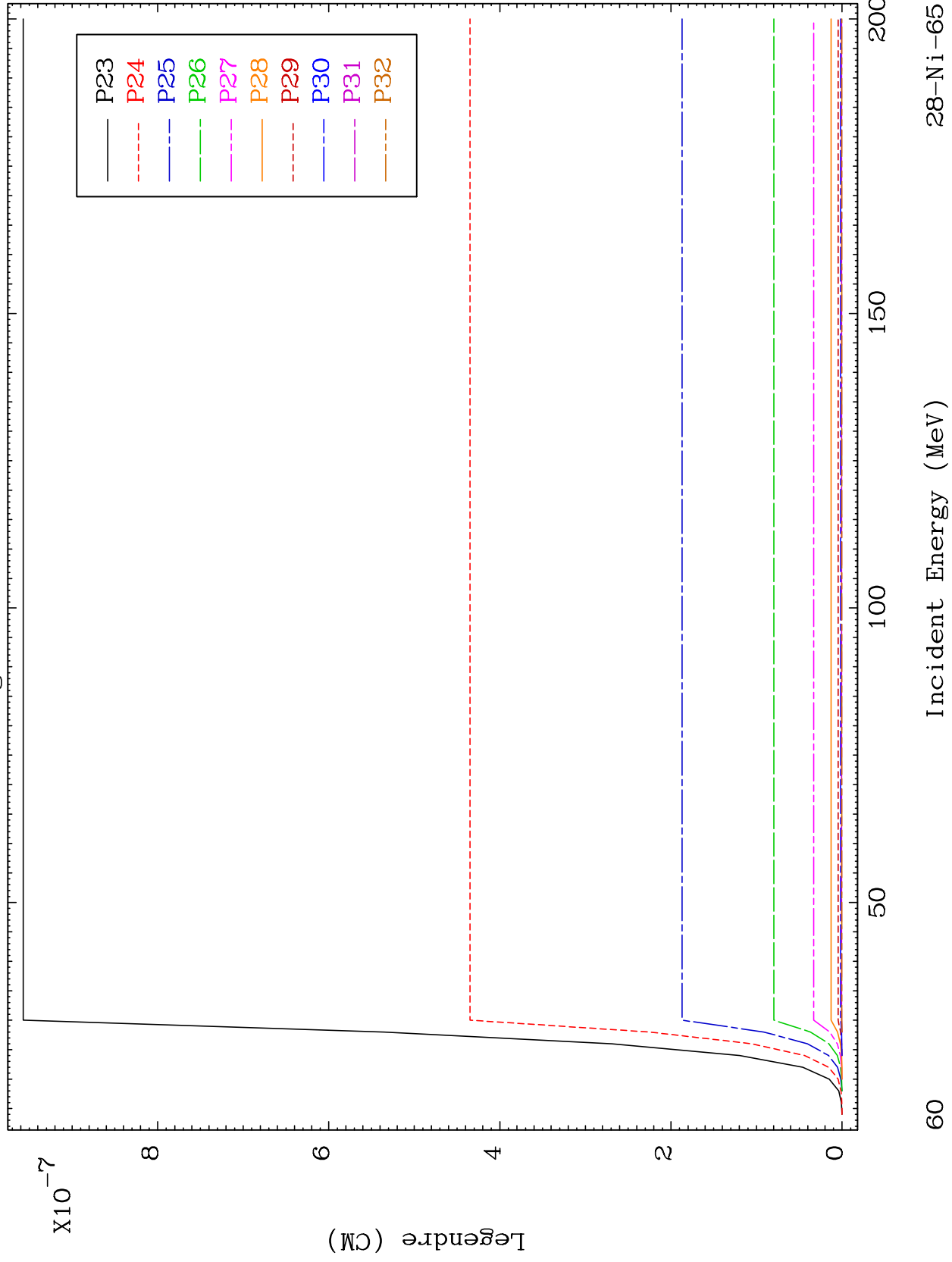
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



28-Ni-65

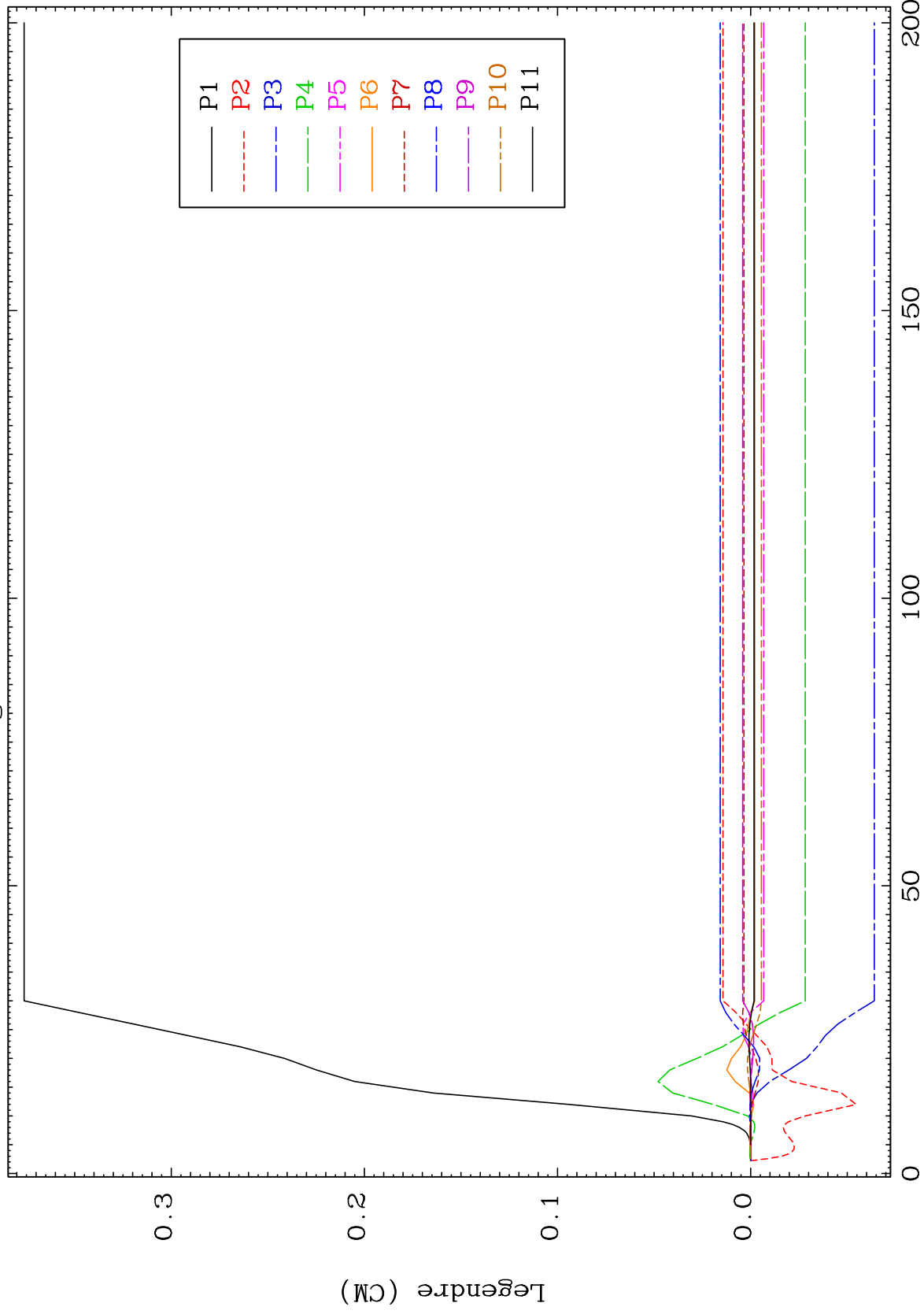
Incident Energy (MeV)

60

MAT 2846

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

28-Ni-65



61

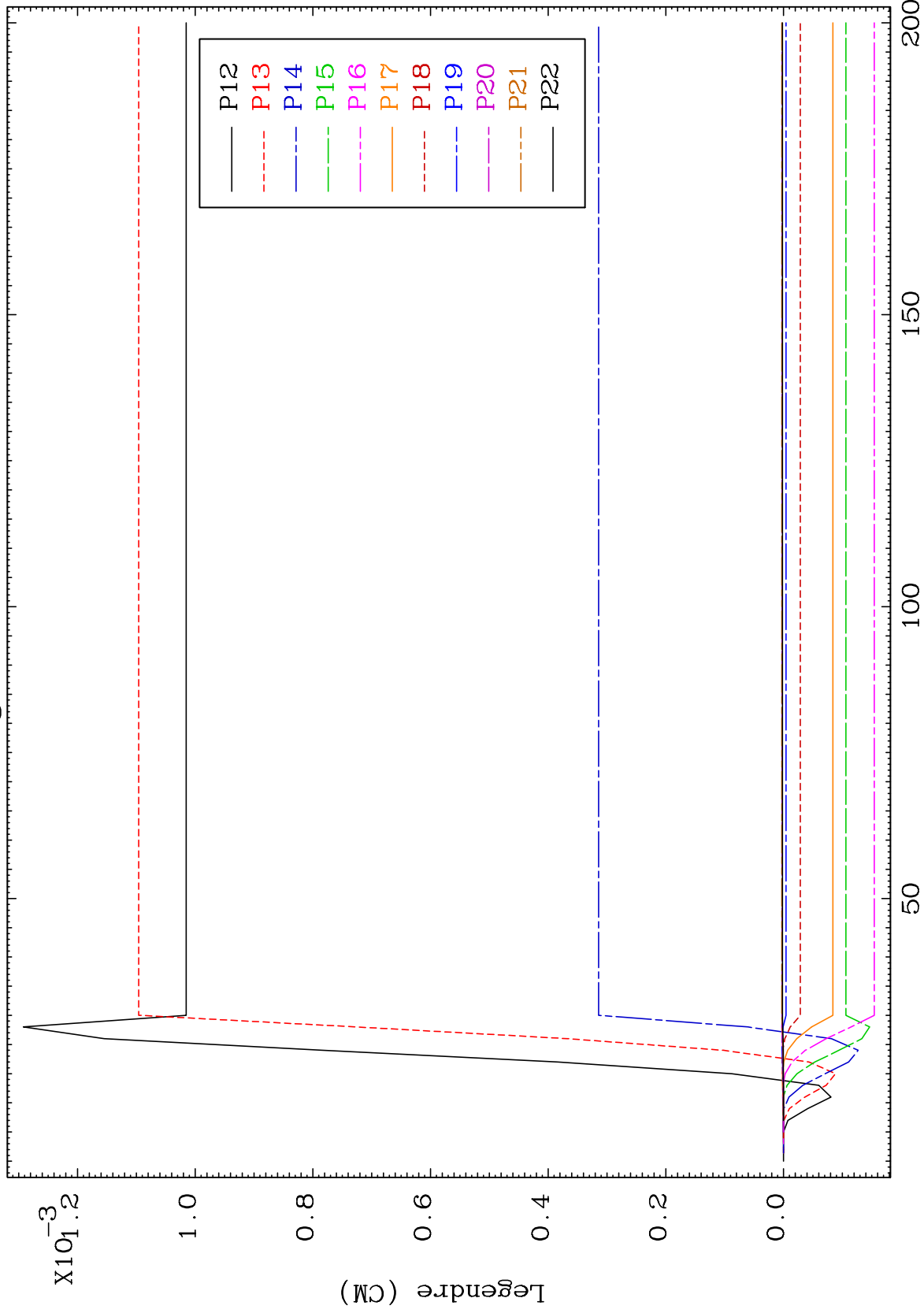
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65



62

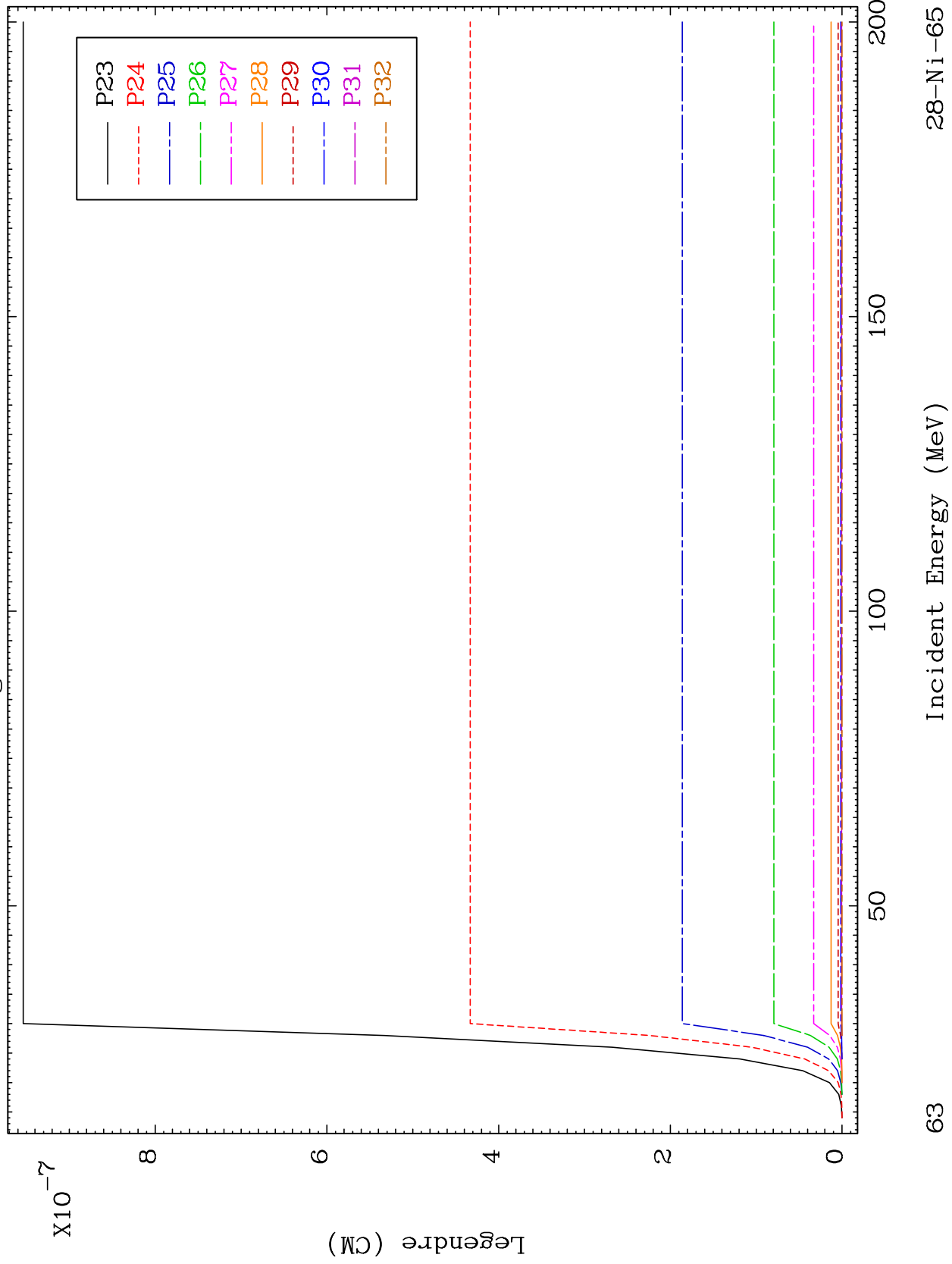
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

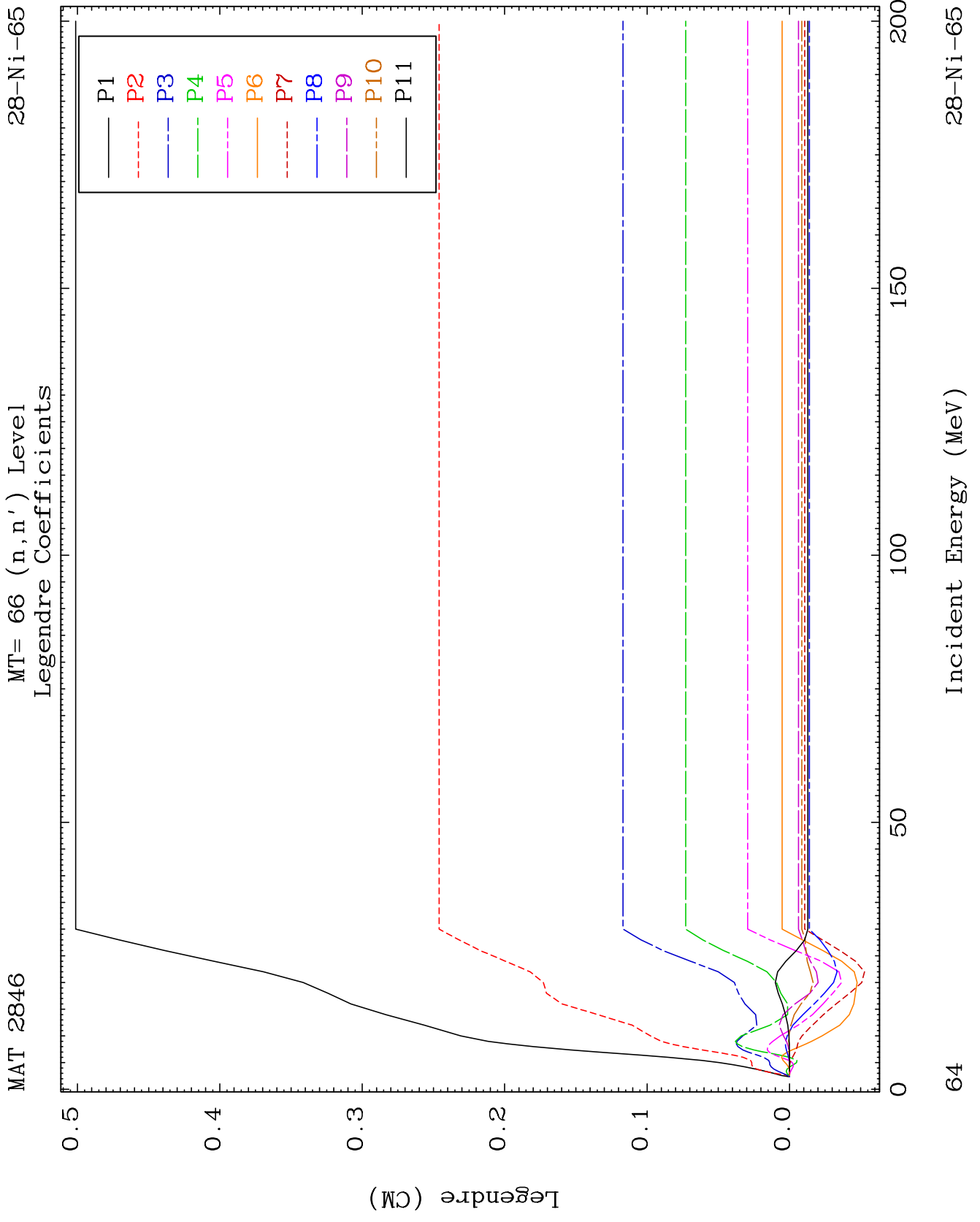
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63

Incident Energy (MeV)

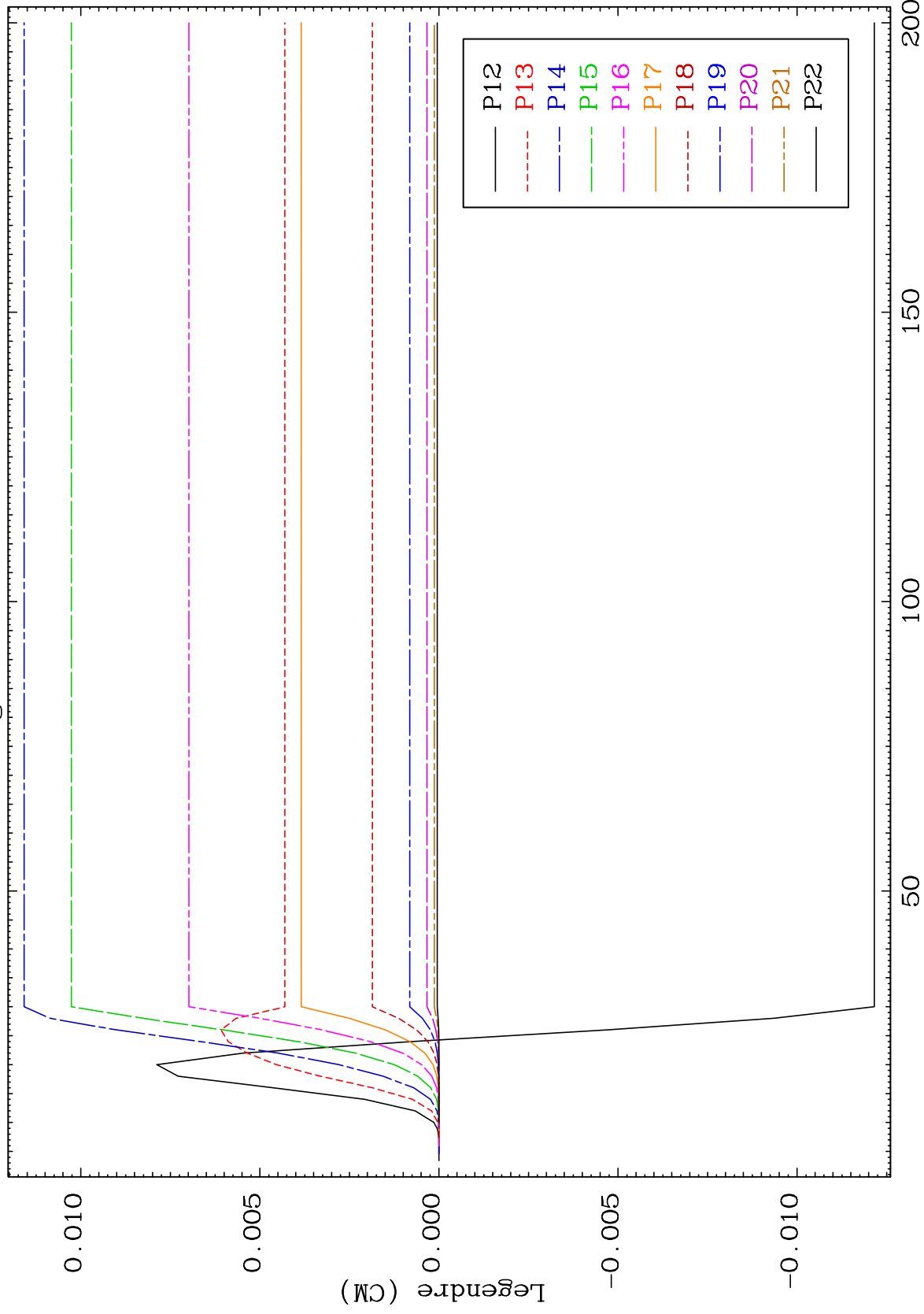
28-Ni-65



MAT 2846

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

28-Ni-65



65

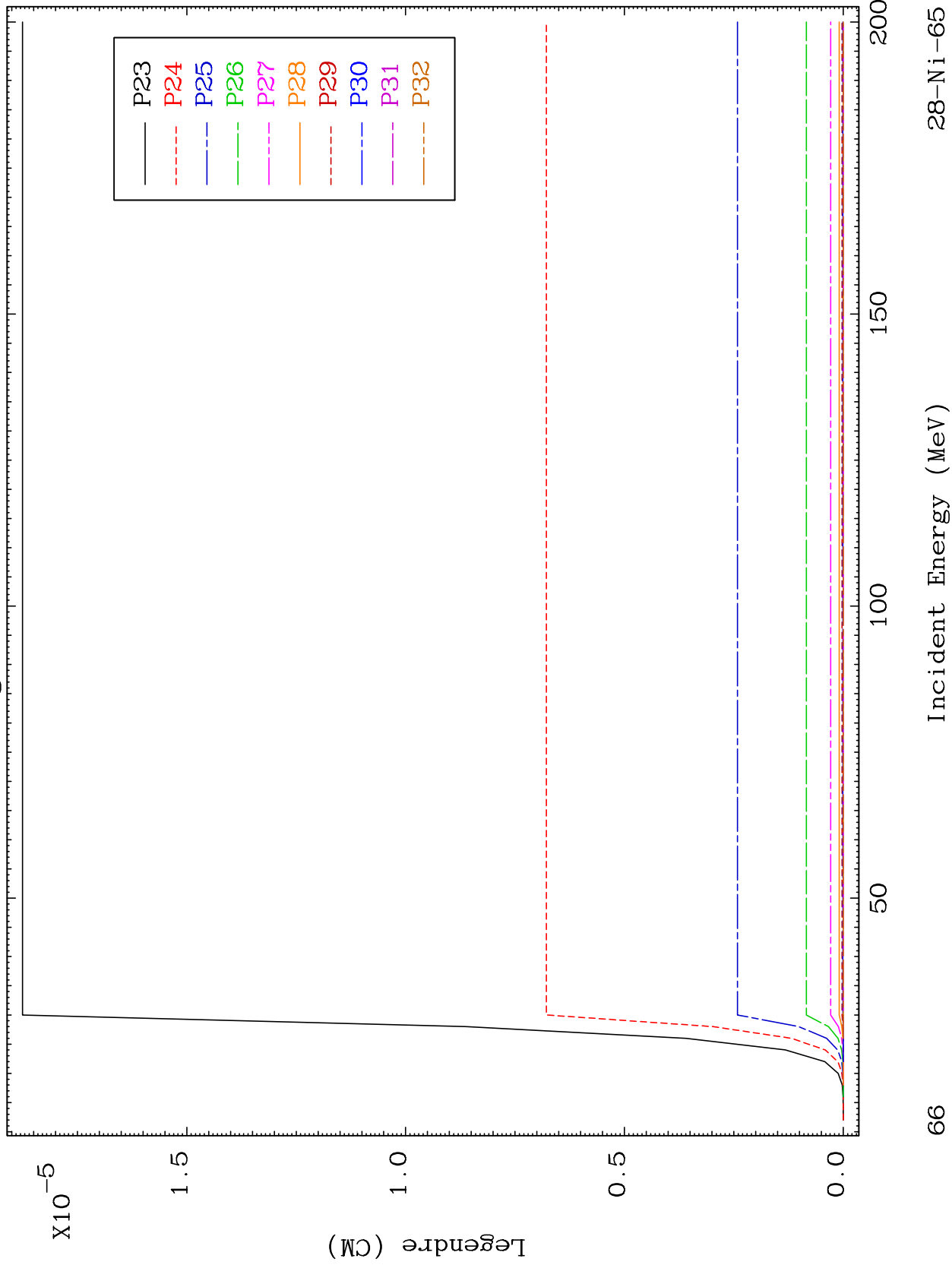
Incident Energy (MeV)

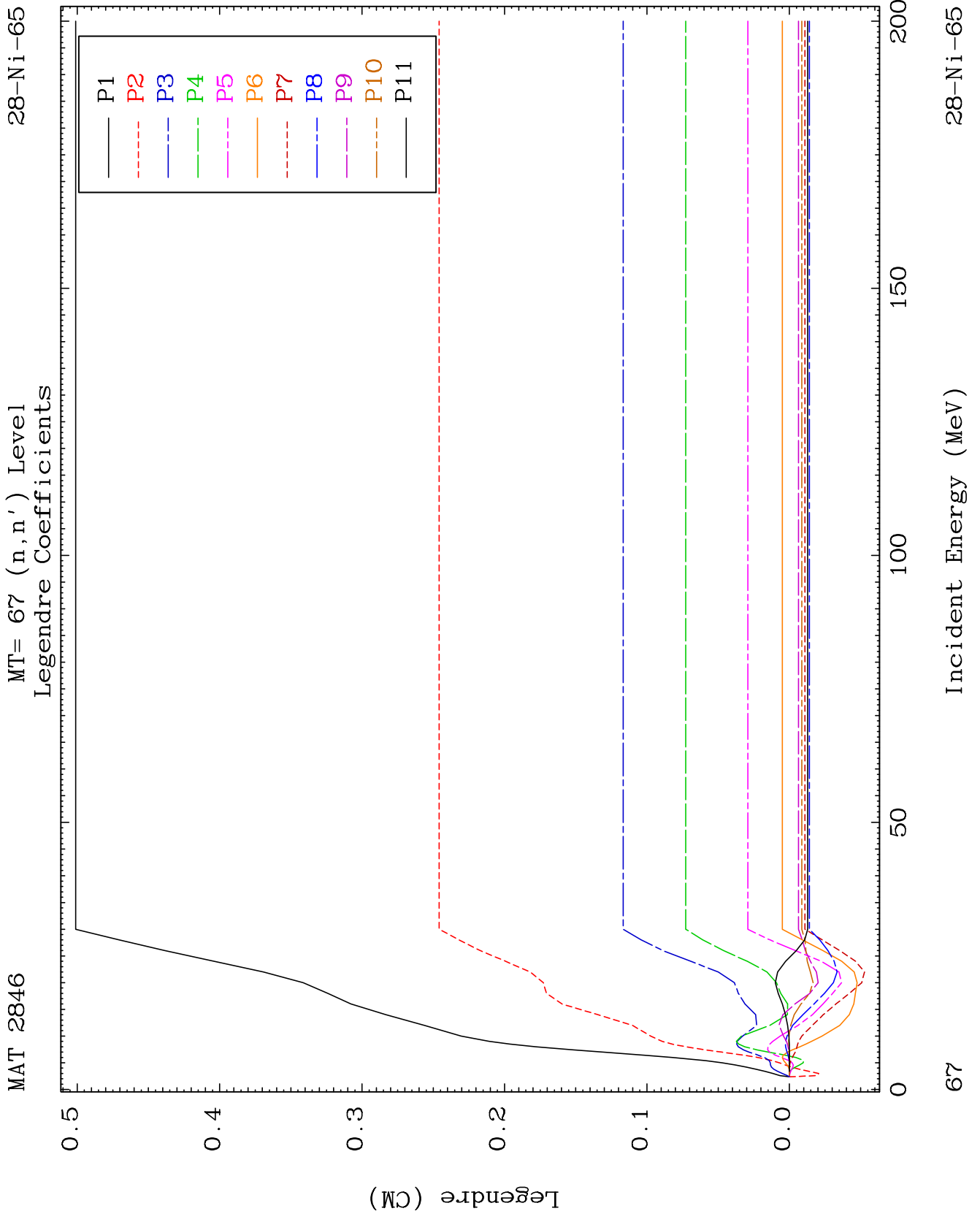
28-Ni-65

MAT 2846

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

28-Ni-65

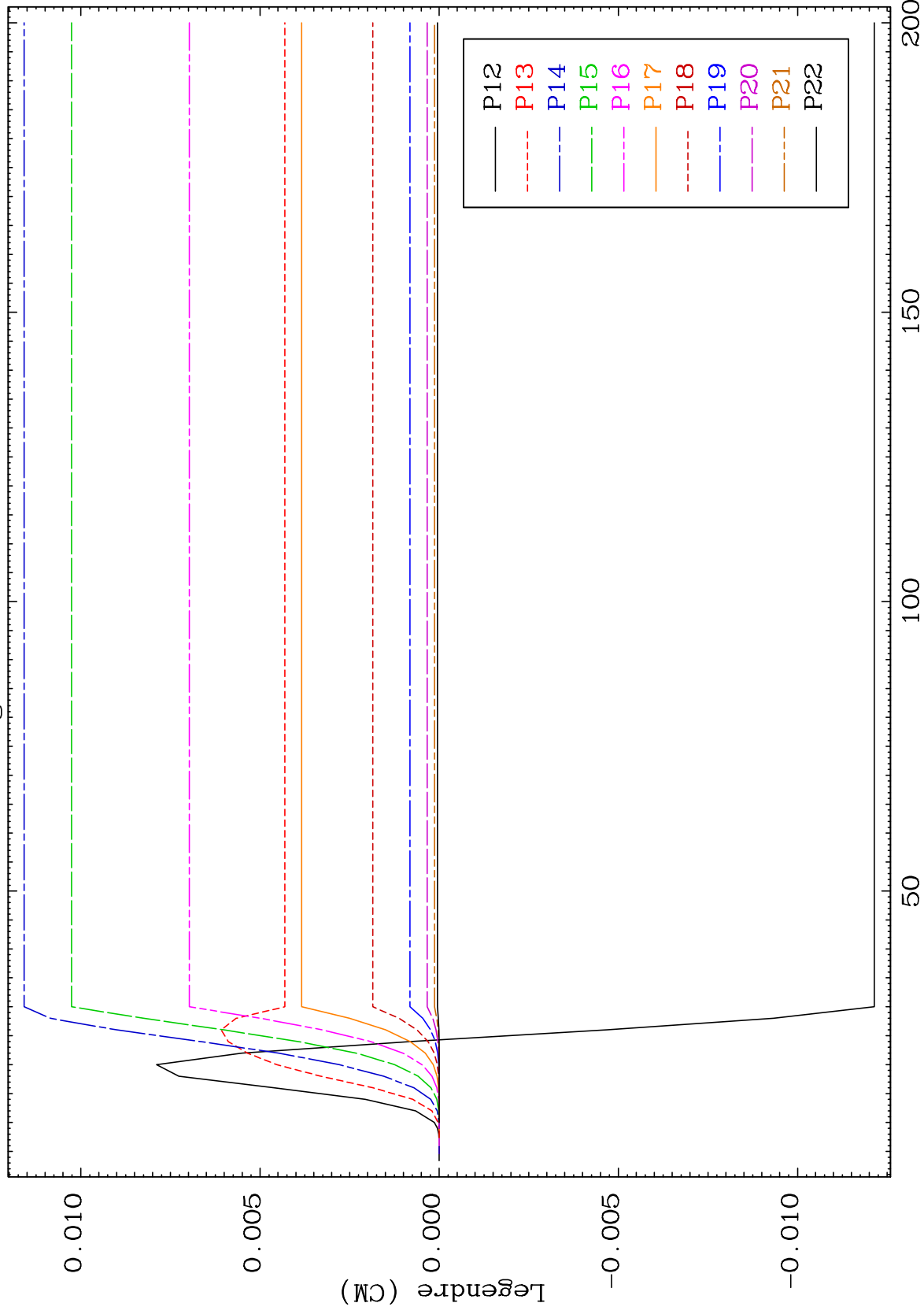




MAT 2846

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

28-Ni-65



68

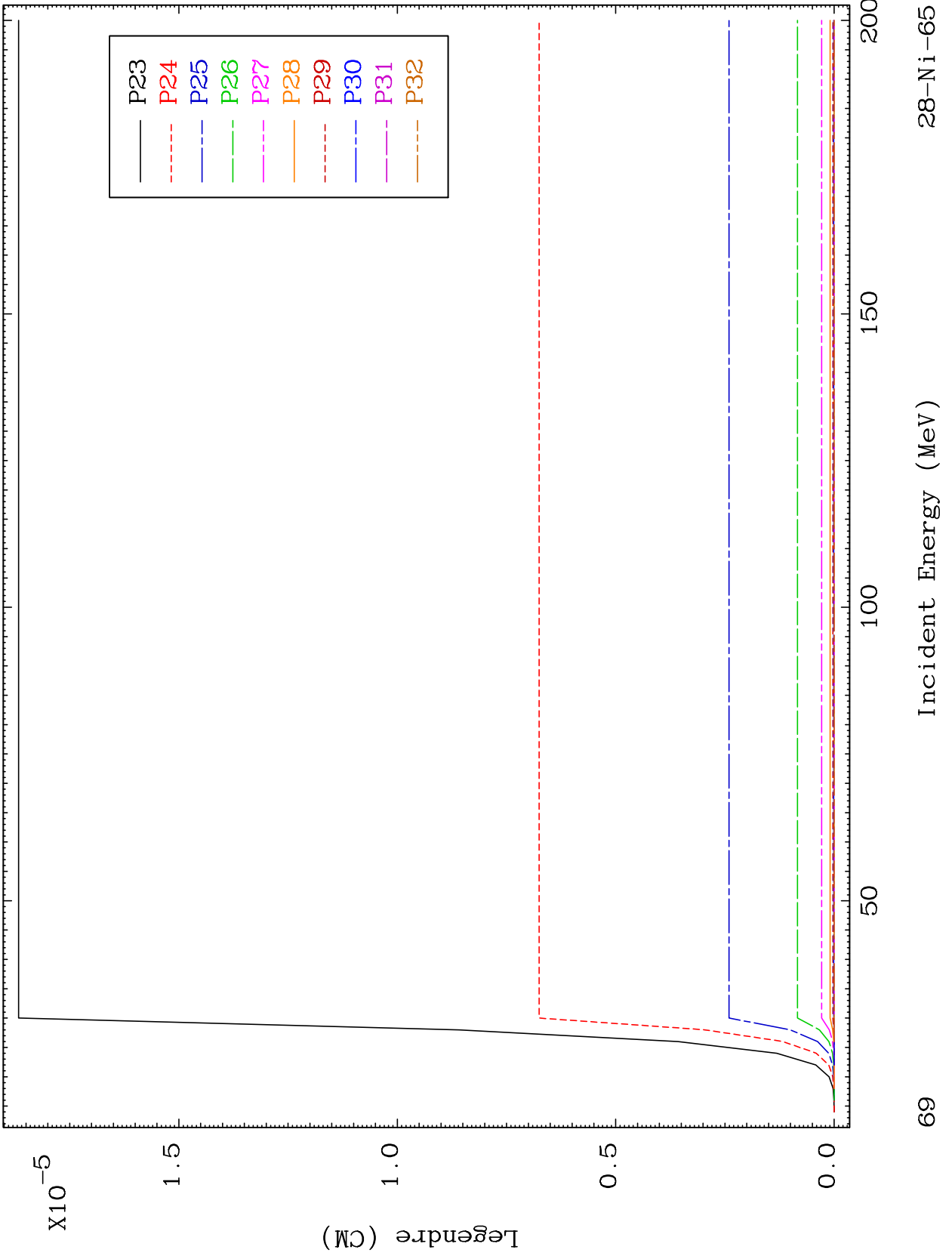
Incident Energy (MeV)

28-Ni-65

MAT 2846

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

28-Ni-65

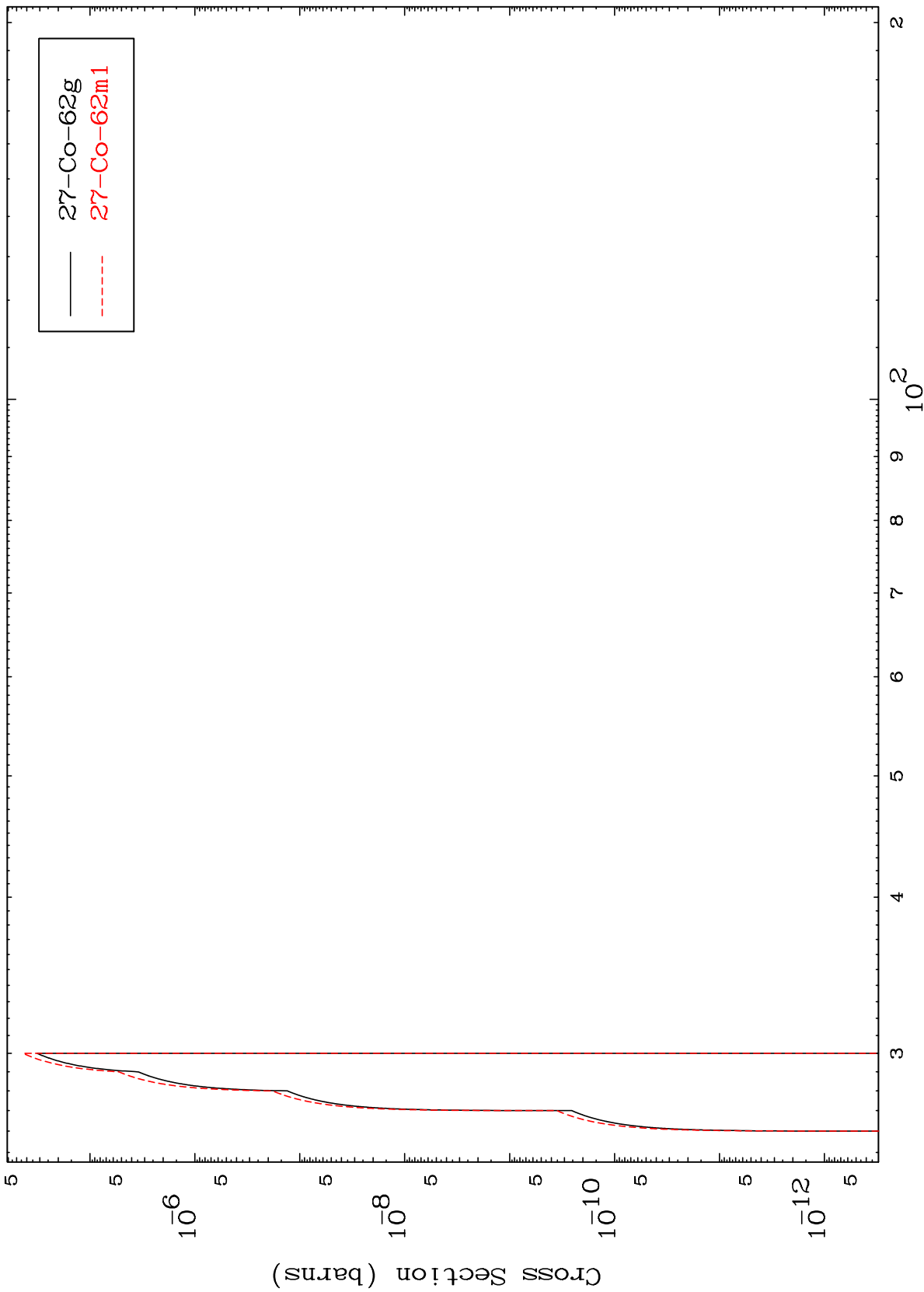


MAT 2846

(n,2n) d

28-Ni-65

Radionuclide Production Cross Section

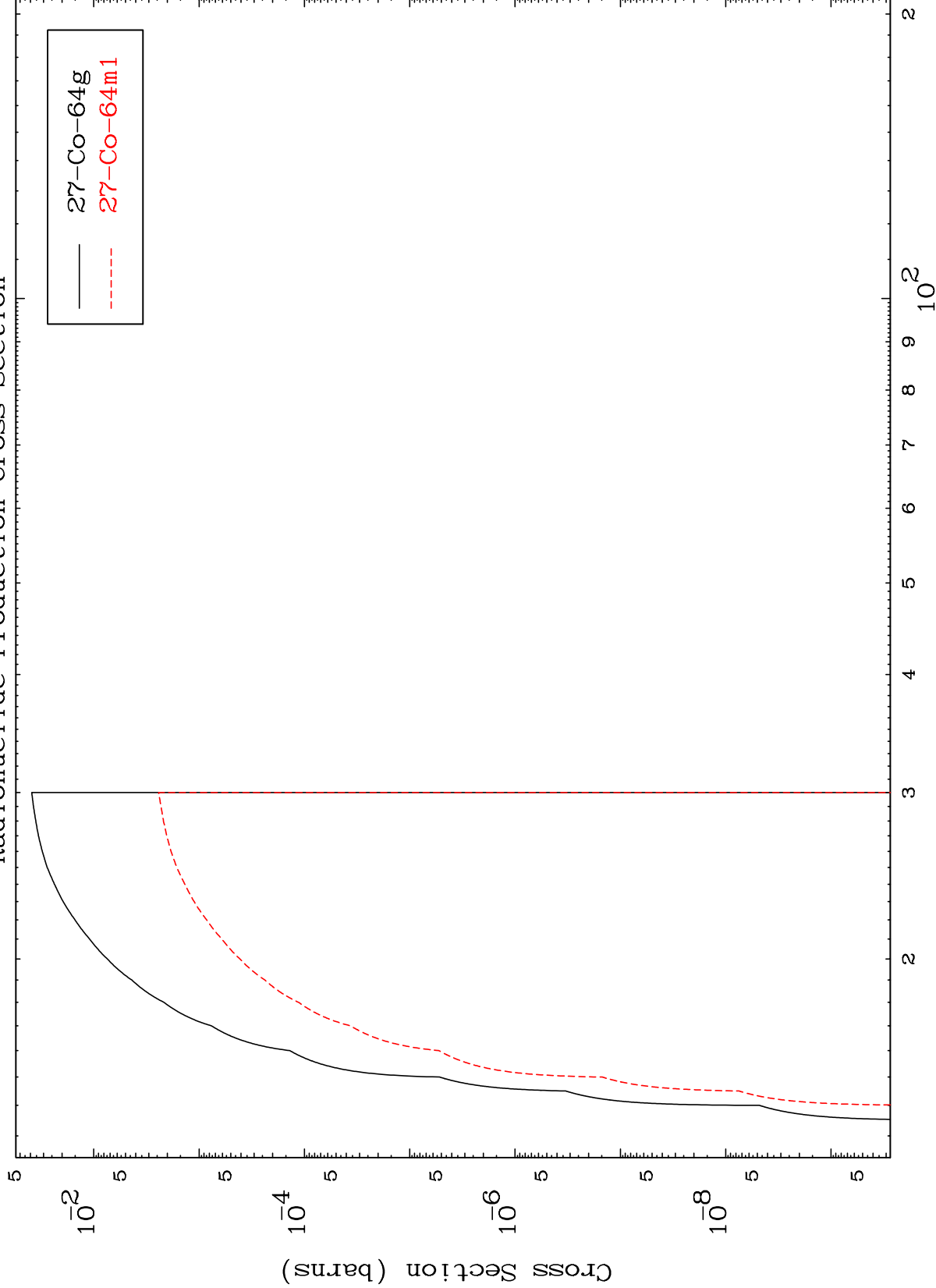


70

Incident Energy (MeV)

28-Ni-65

Radionuclide Production Cross Section



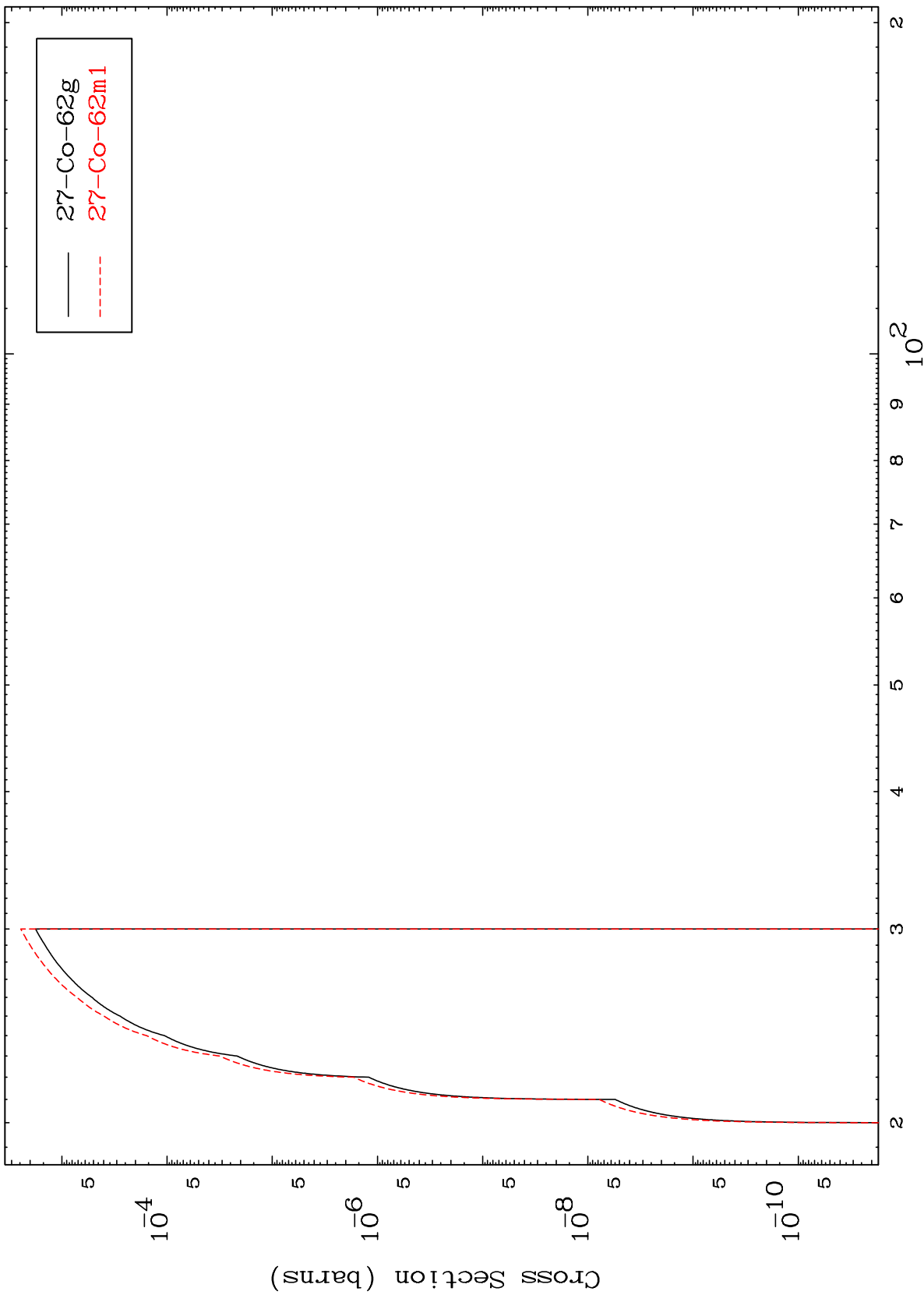
27-Co-64g
27-Co-64m1

MAT 2846

(n,n') t

28-Ni-65

Radionuclide Production Cross Section



72

Incident Energy (MeV)

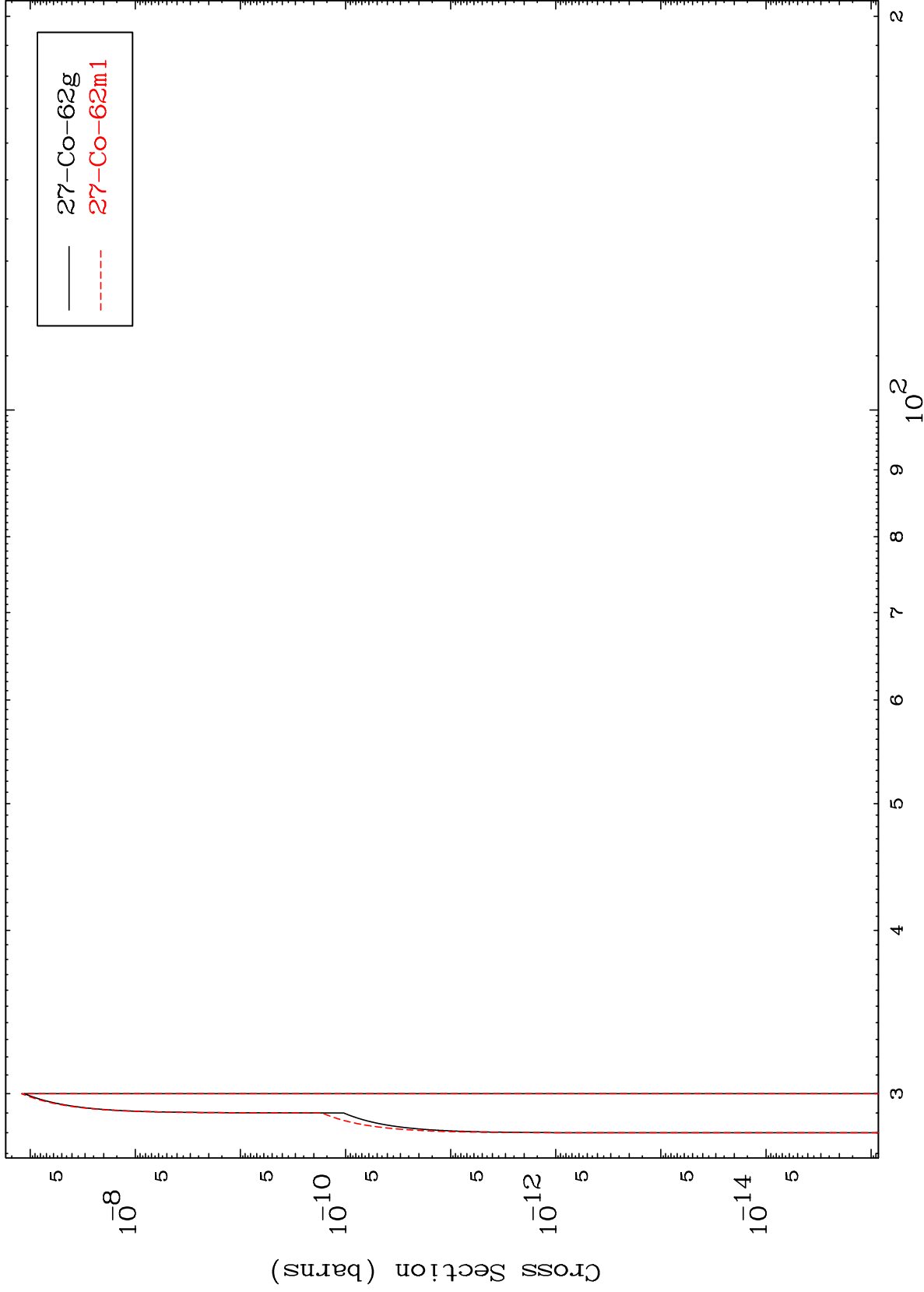
28-Ni-65

MAT 2846

(n,3n) p

28-Ni-65

Radionuclide Production Cross Section



73

Incident Energy (MeV)

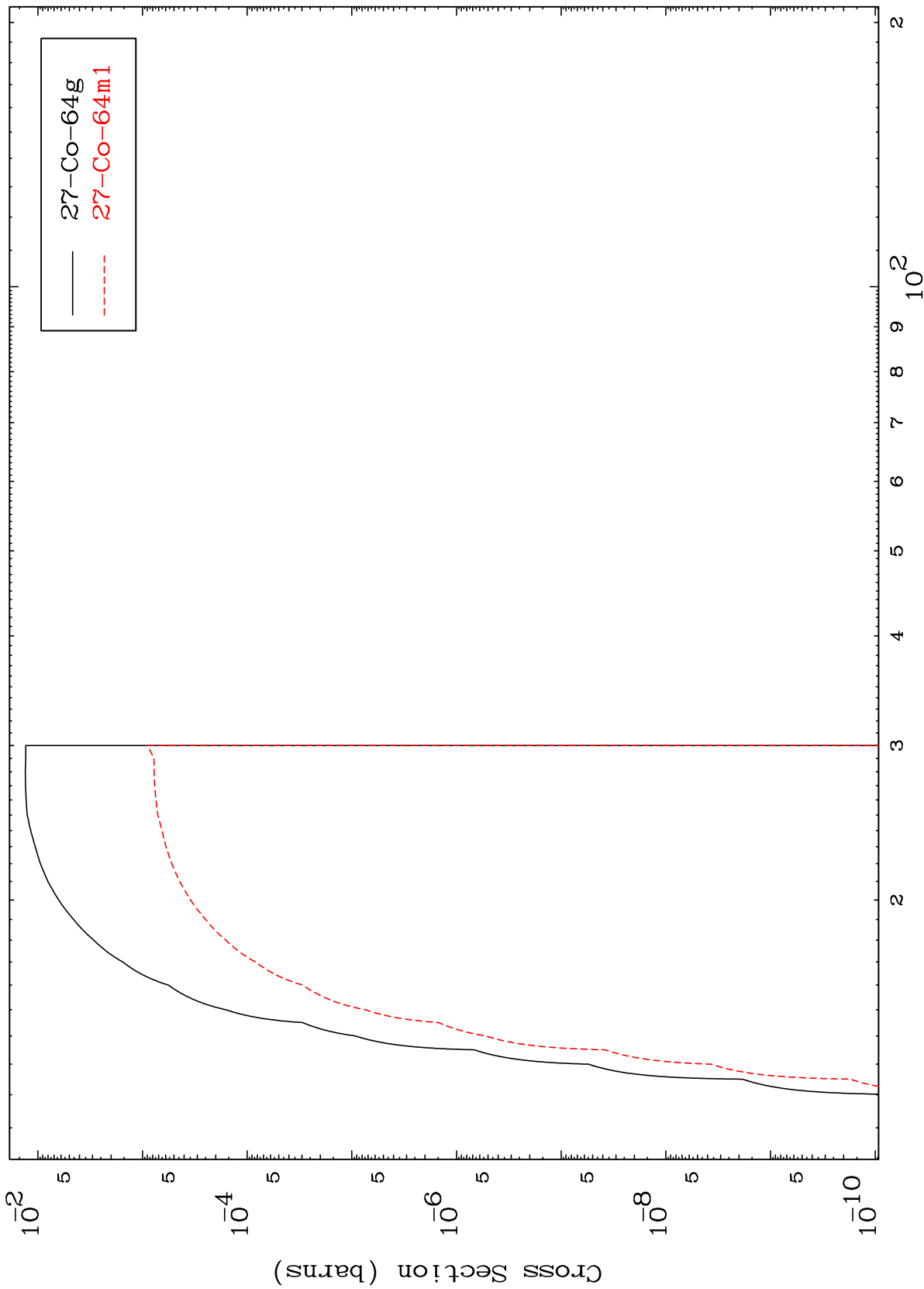
28-Ni-65

MAT 2846

(n,d)

28-Ni-65

Radionuclide Production Cross Section



74

Incident Energy (MeV)

28-Ni-65