

Program EVALPLOT
(Version 2021-1)

by

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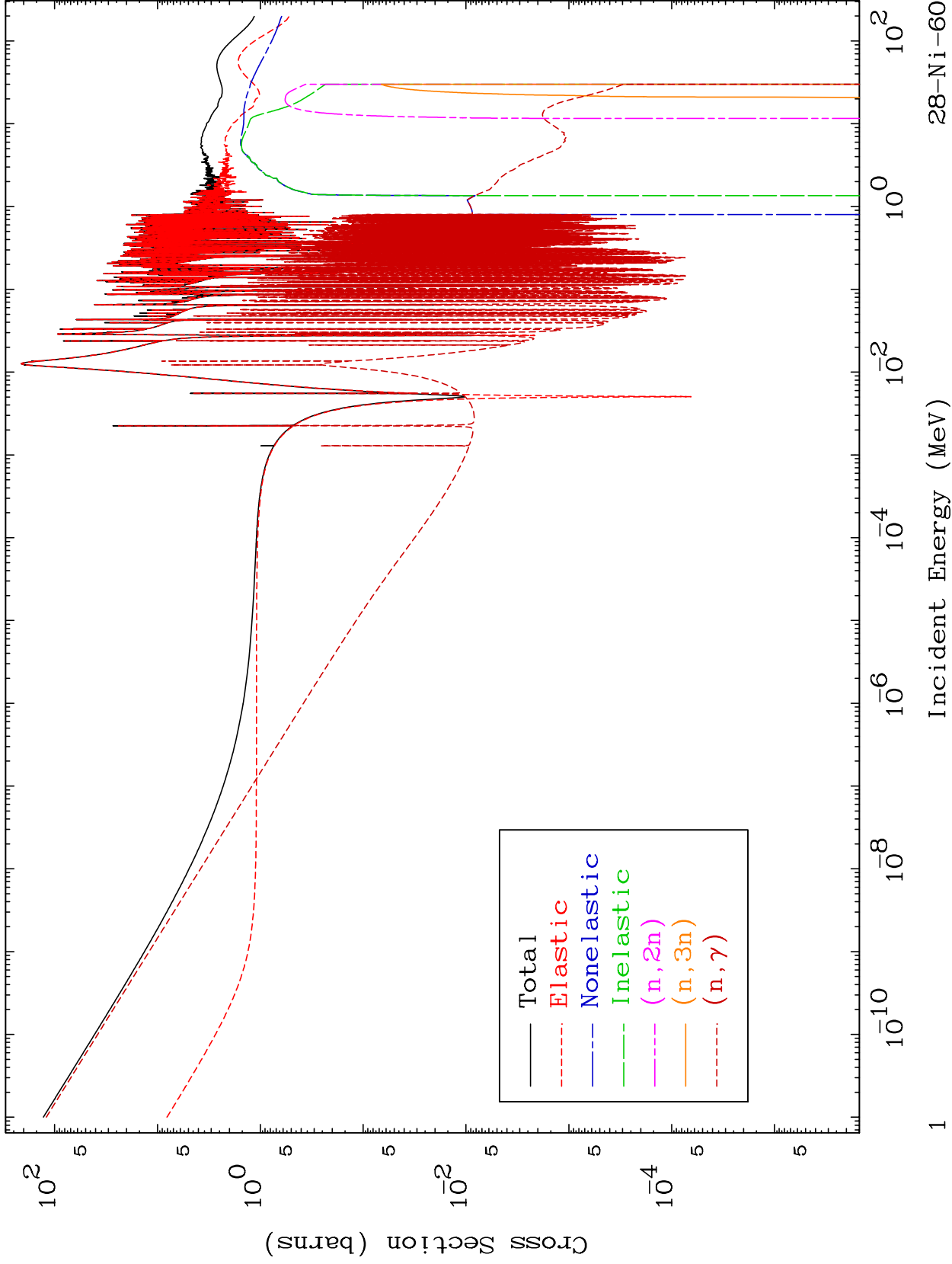
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Press Mouse Button to Start

MAT 2831

Neutron Major
293 Kelvin Cross Sections

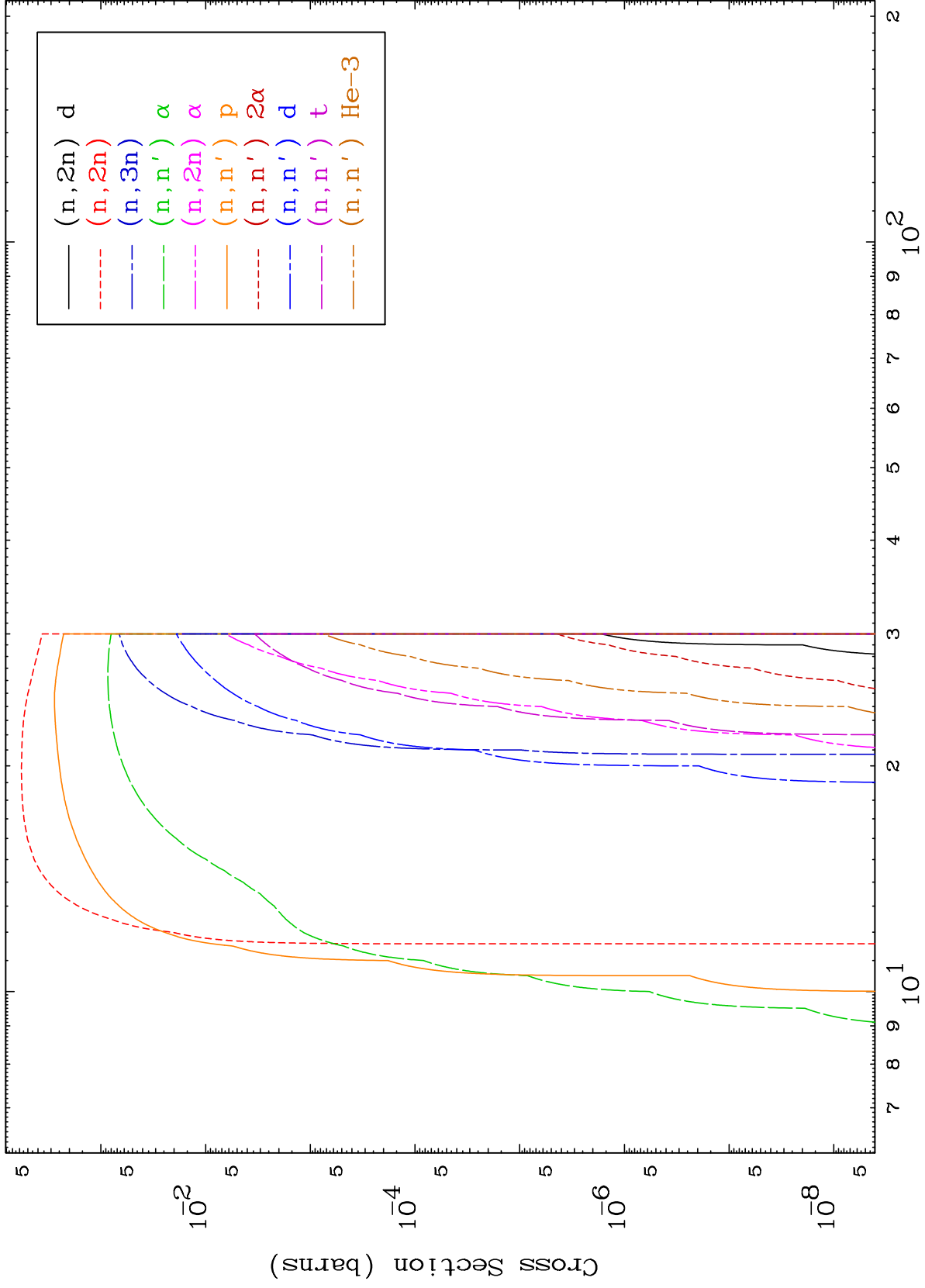
28-Ni-60



MAT 2831

Neutron Absorption
293 Kelvin Cross Sections

28-Ni-60



2

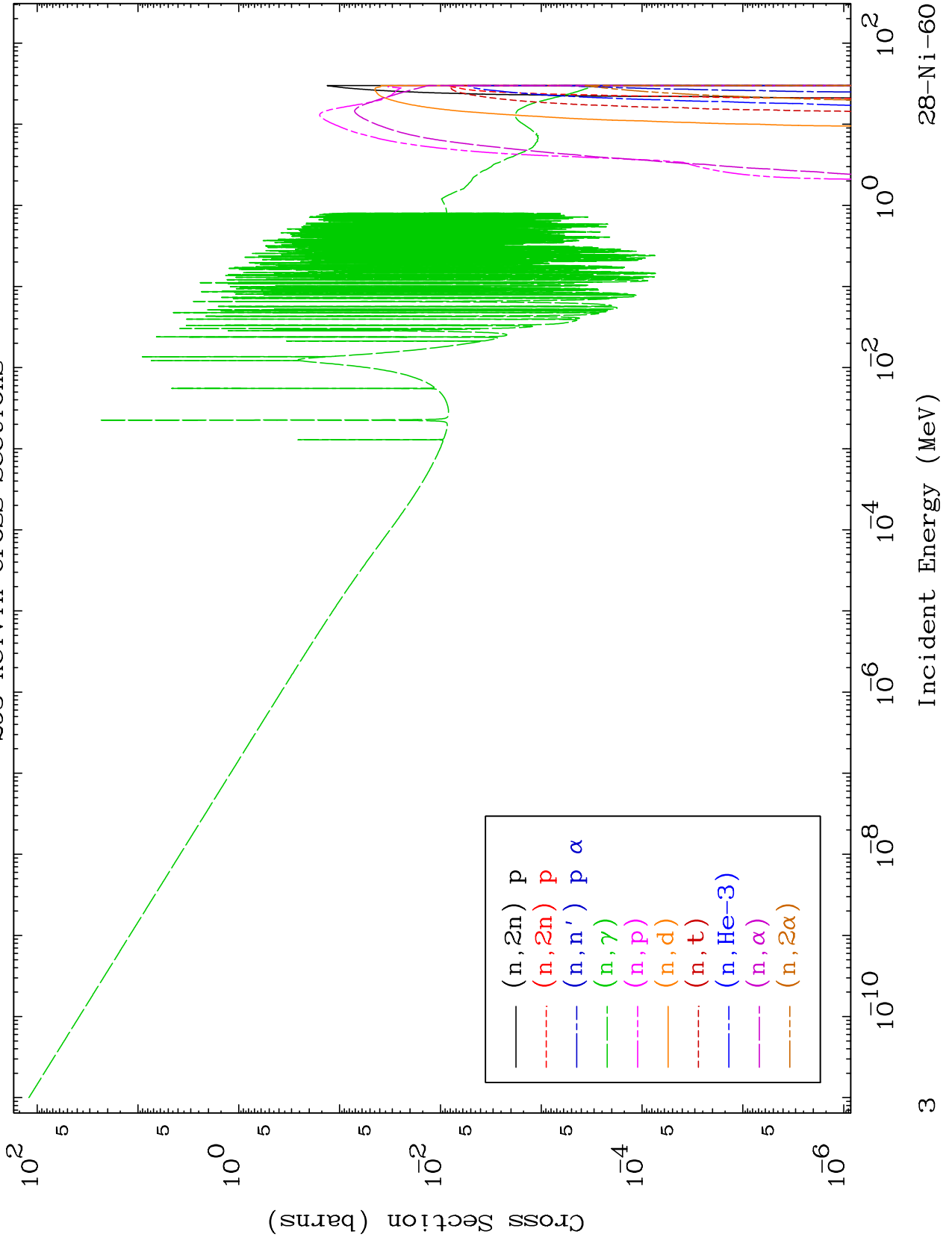
Incident Energy (MeV)

28-Ni-60

MAT 2831

Neutron Absorption
293 Kelvin Cross Sections

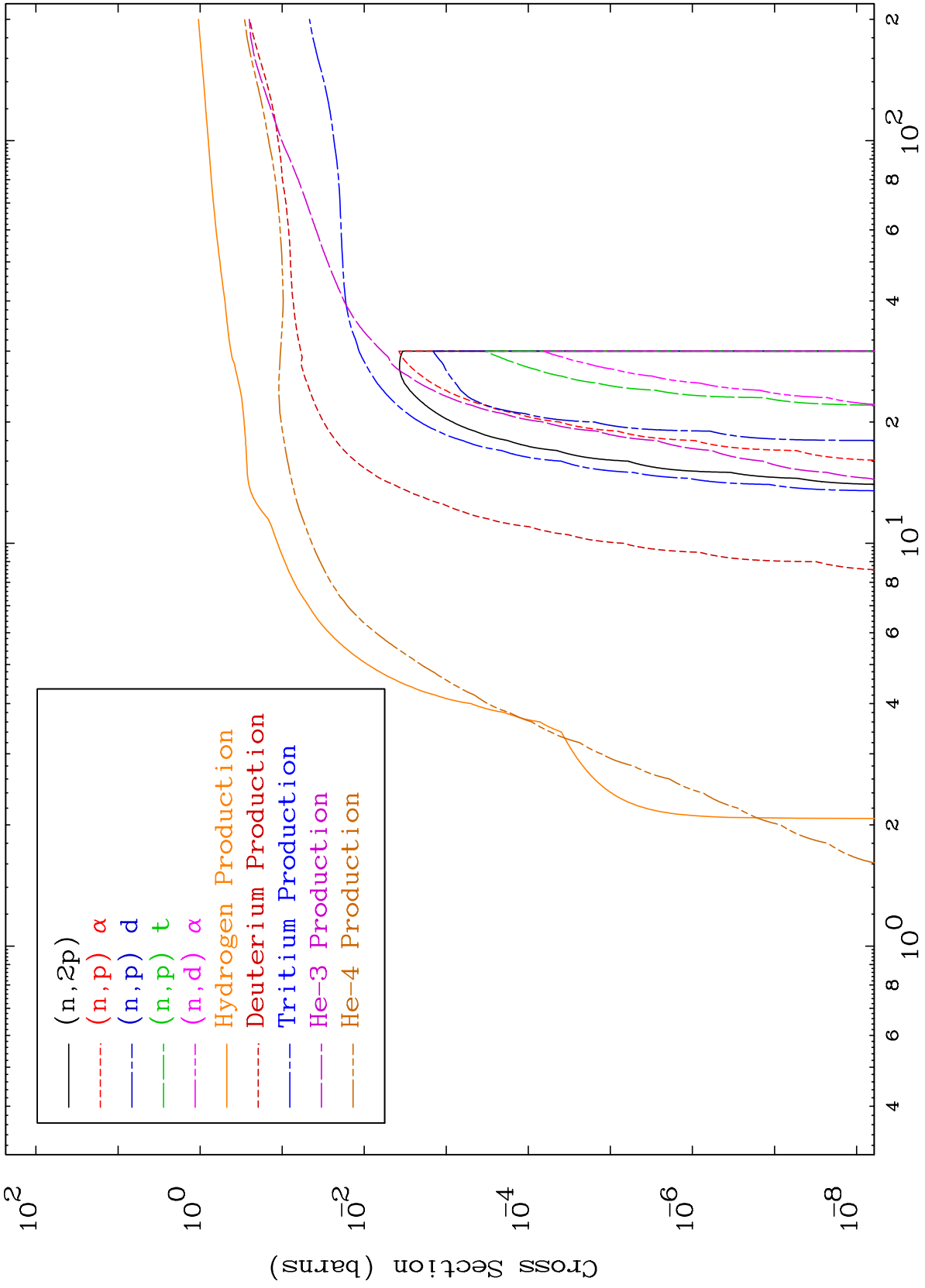
28-Ni-60



MAT 2831

Neutron Absorption
293 Kelvin Cross Sections

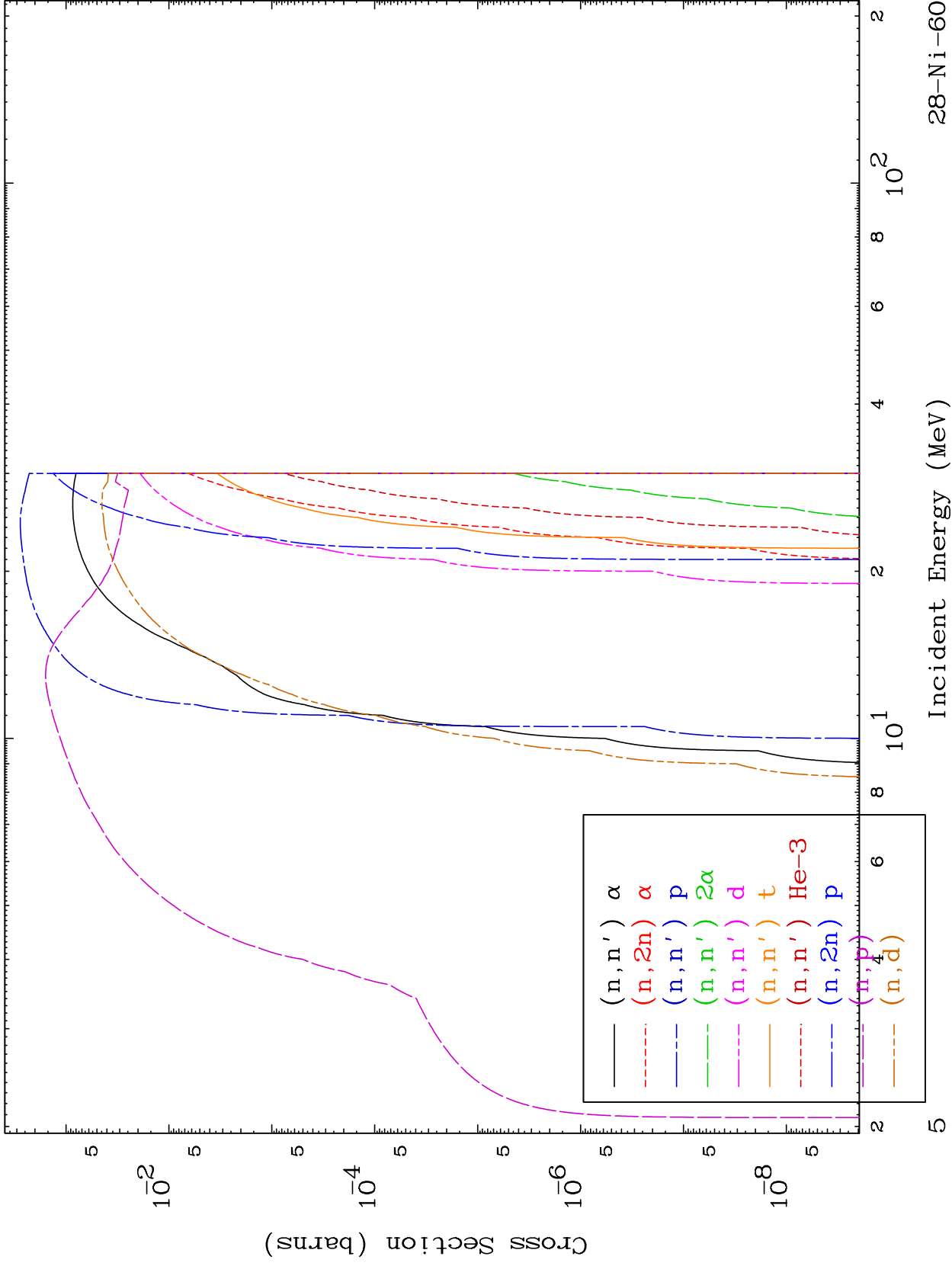
28-Ni-60



MAT 2831

Charged Particle
293 Kelvin Cross Sections

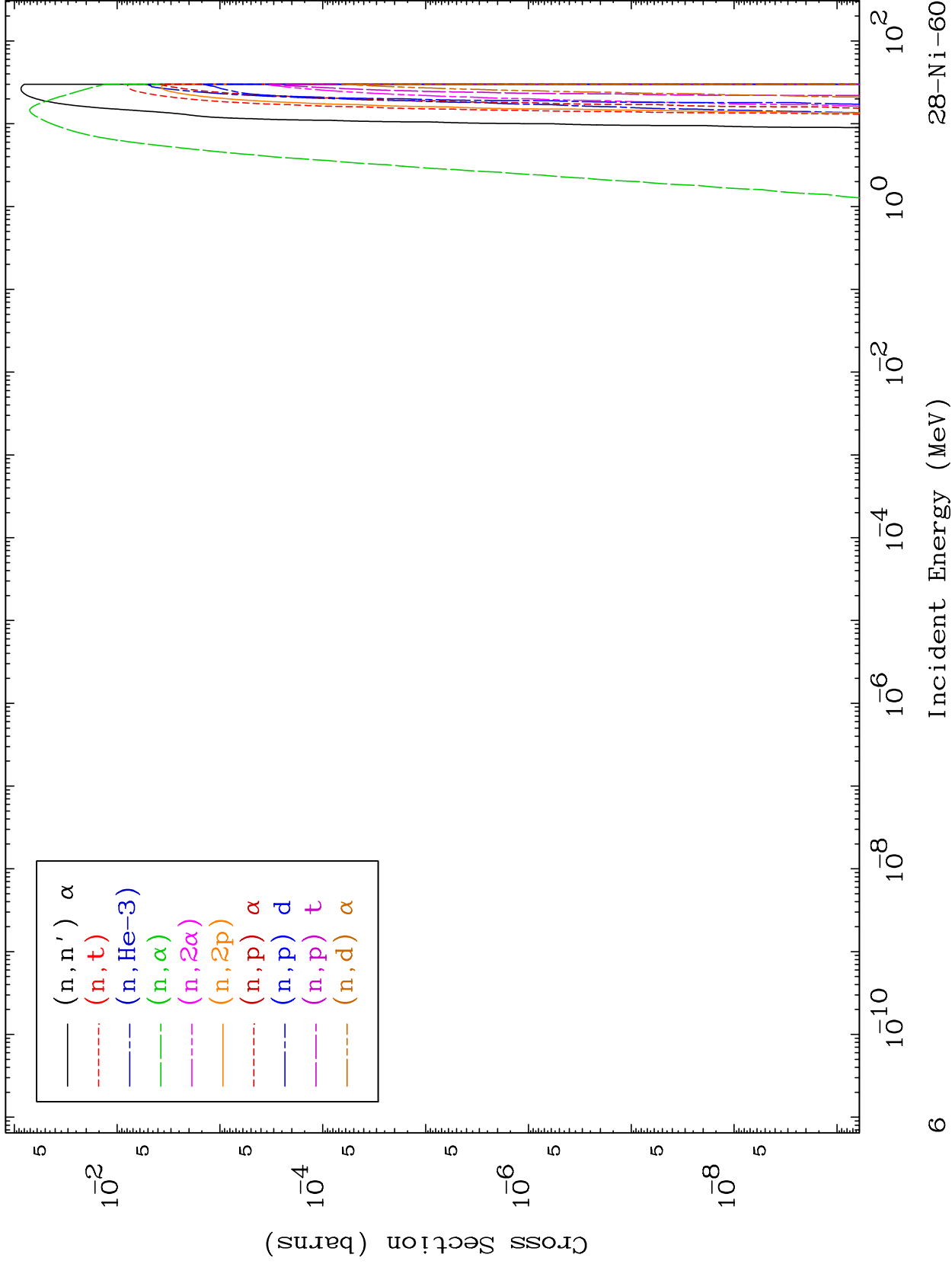
28-Ni-60



MAT 2831

Charged Particle
293 Kelvin Cross Sections

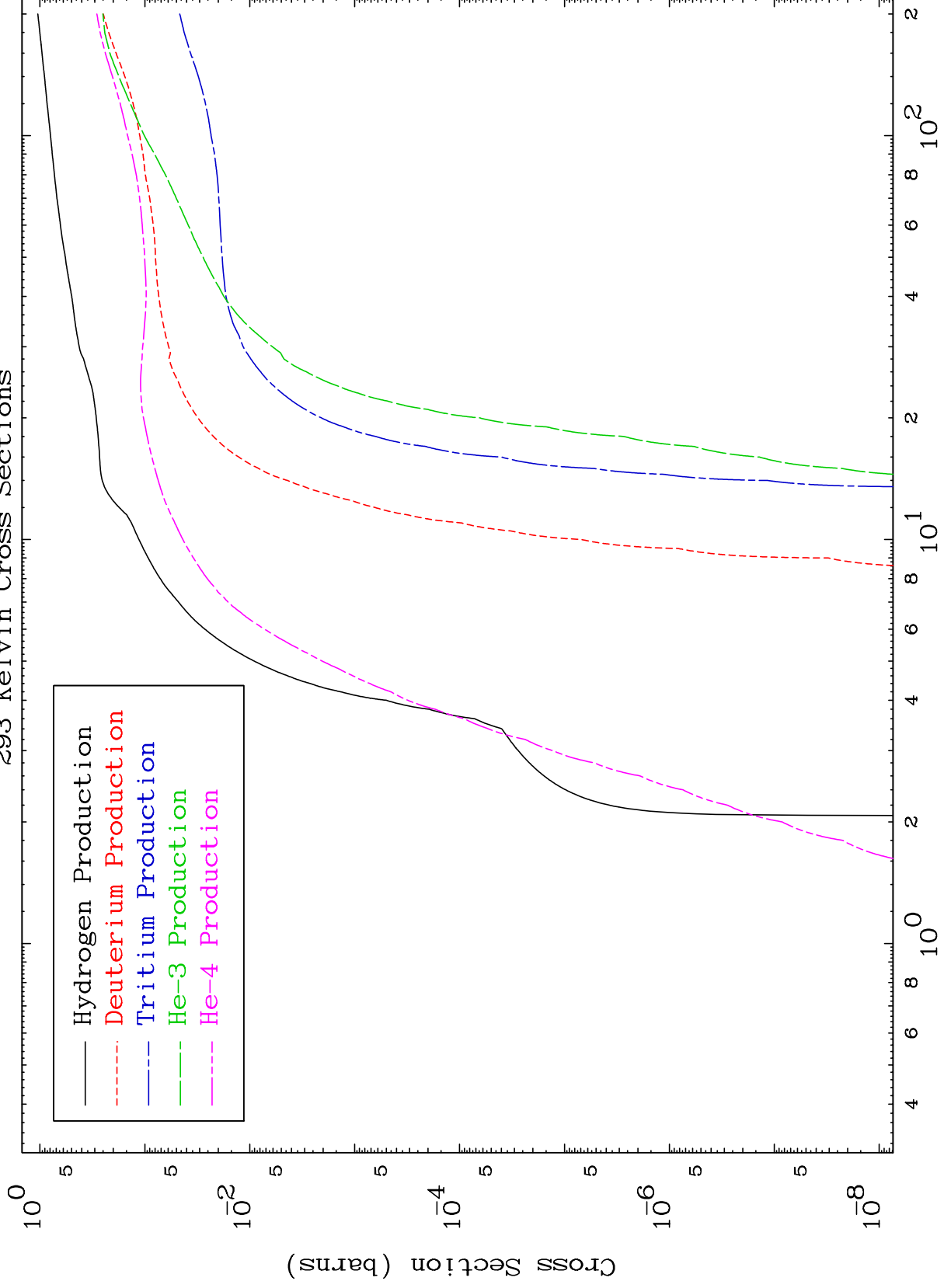
28-Ni-60



MAT 2831

Particle Production
293 Kelvin Cross Sections

28-Ni-60

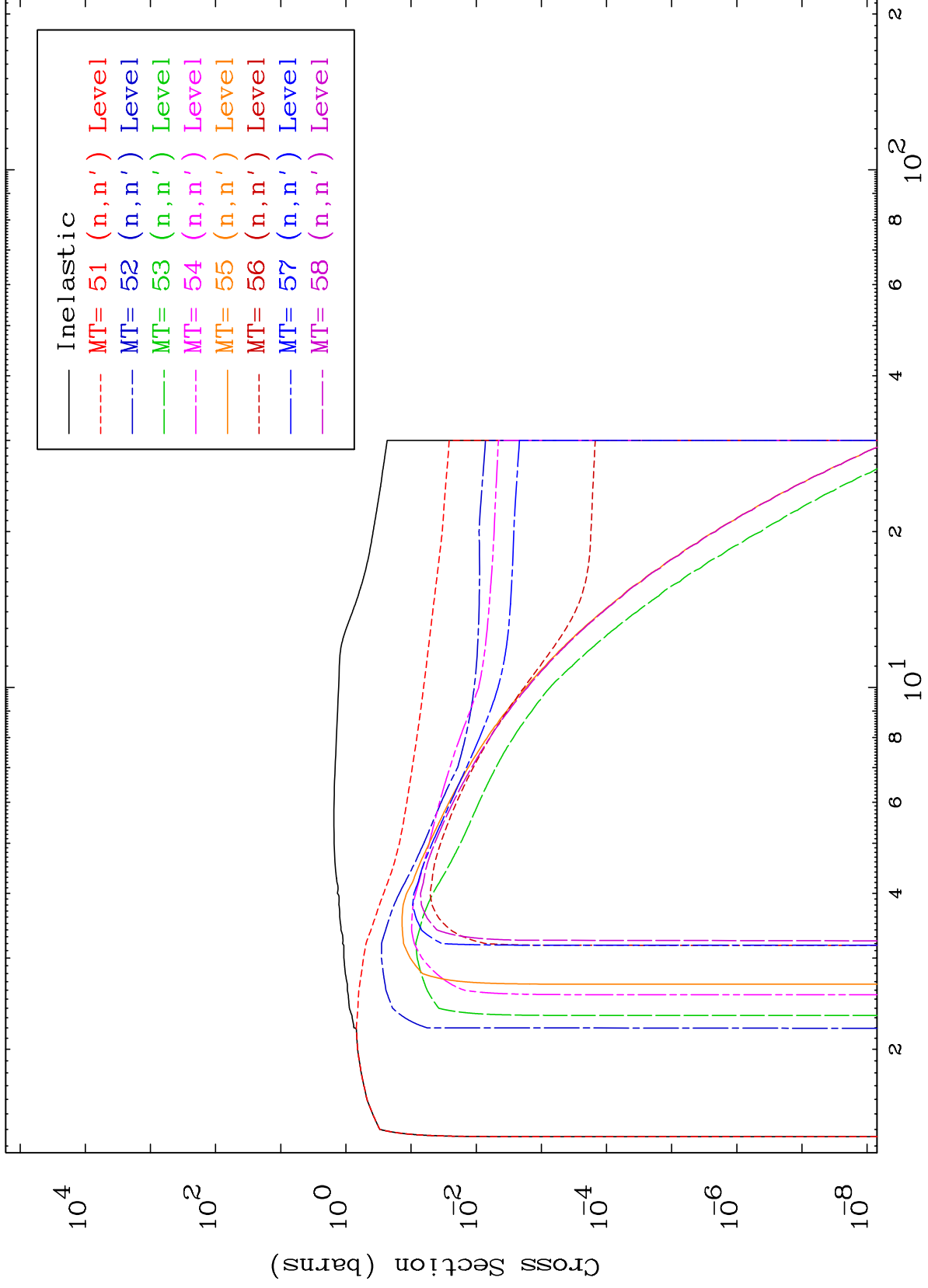


MAT 2831

(n,n') Levels

293 Kelvin Cross Sections

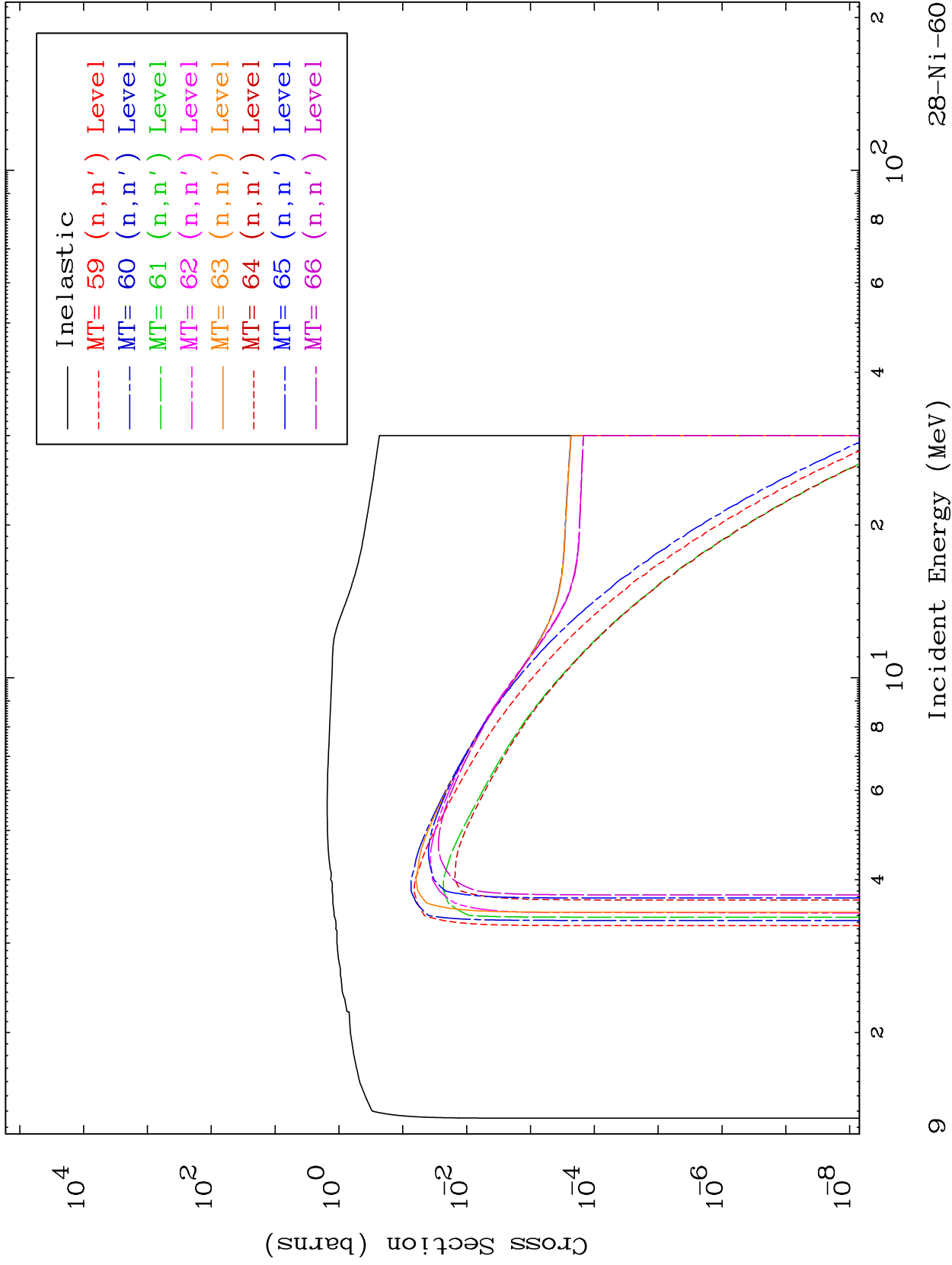
28-Ni-60



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Incident Energy (MeV)

28-Ni-60

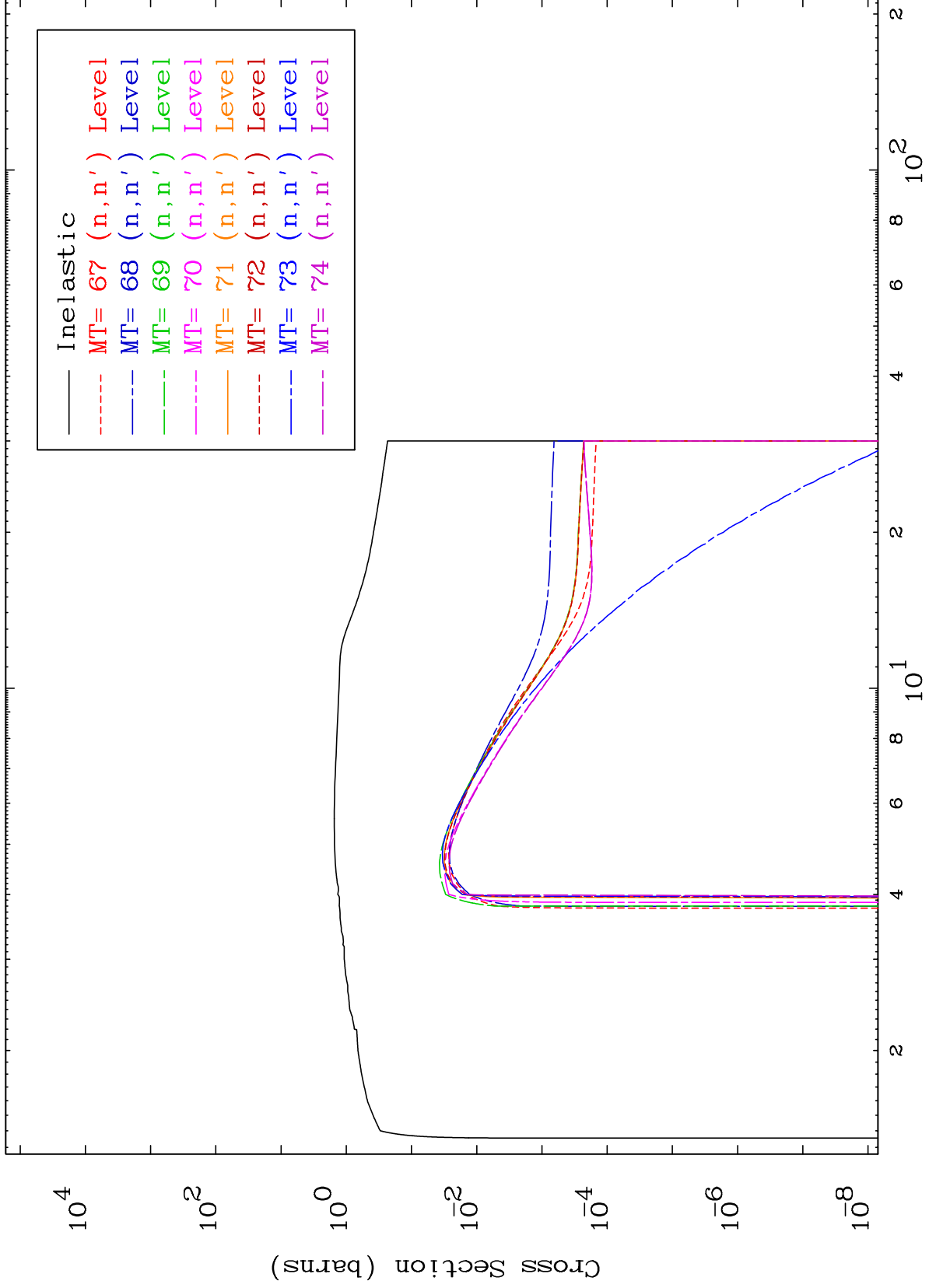


MAT 2831

(n,n') Levels

293 Kelvin Cross Sections

28-Ni-60



10

Incident Energy (MeV)

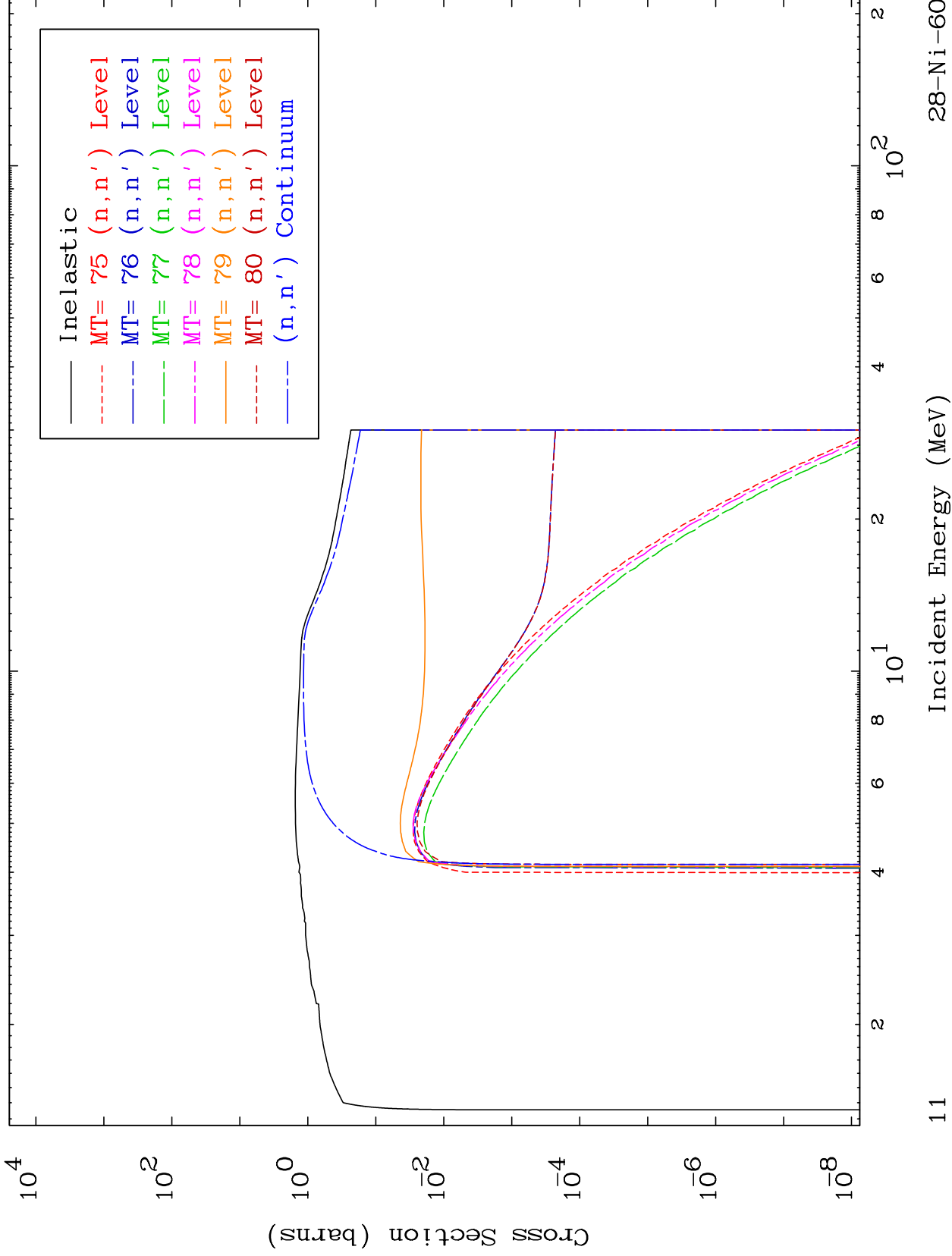
28-Ni-60

MAT 2831

(n,n') Levels

28-Ni-60

293 Kelvin Cross Sections



11

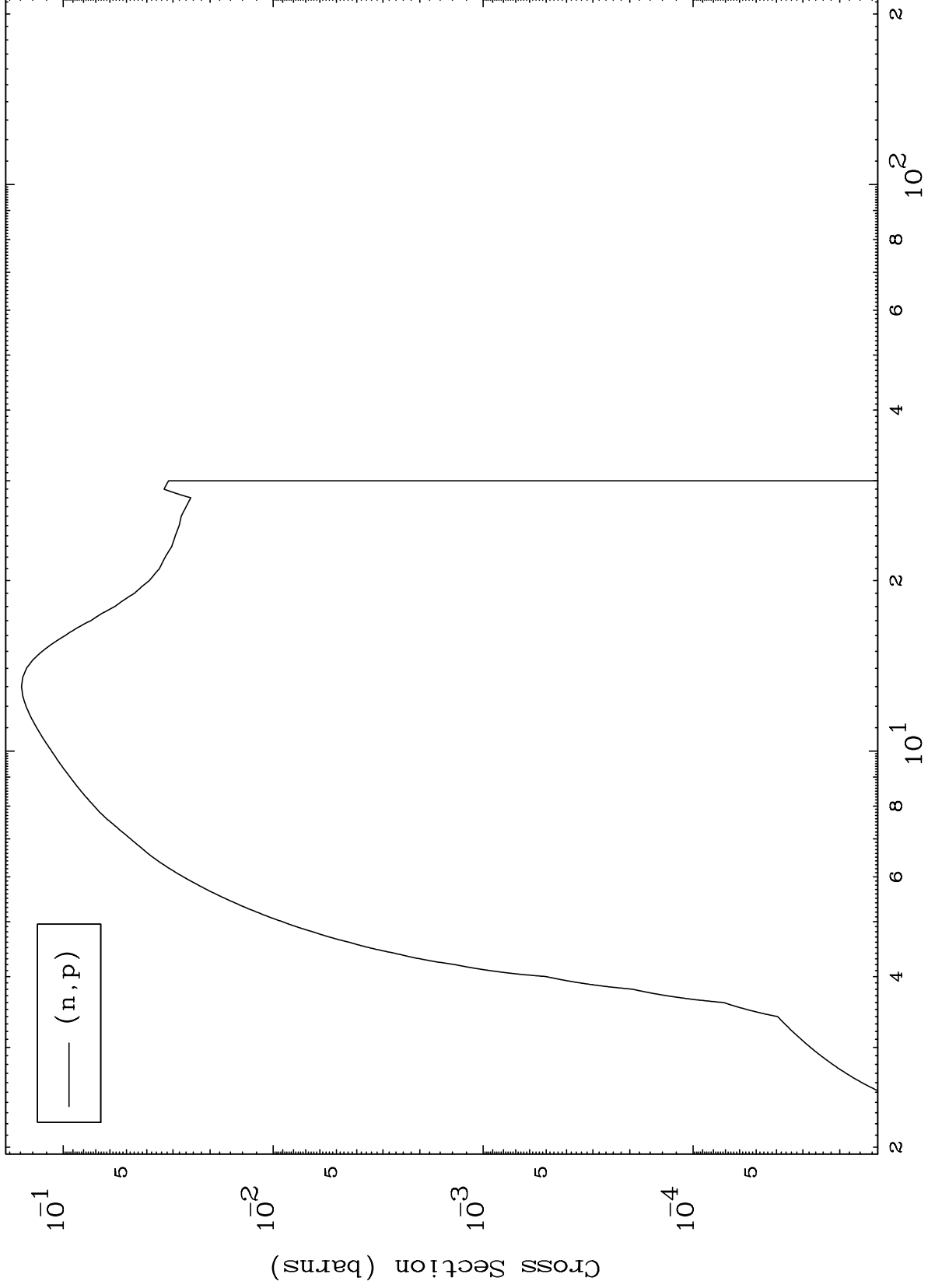
Incident Energy (MeV)

28-Ni-60

MAT 2831

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-60



12

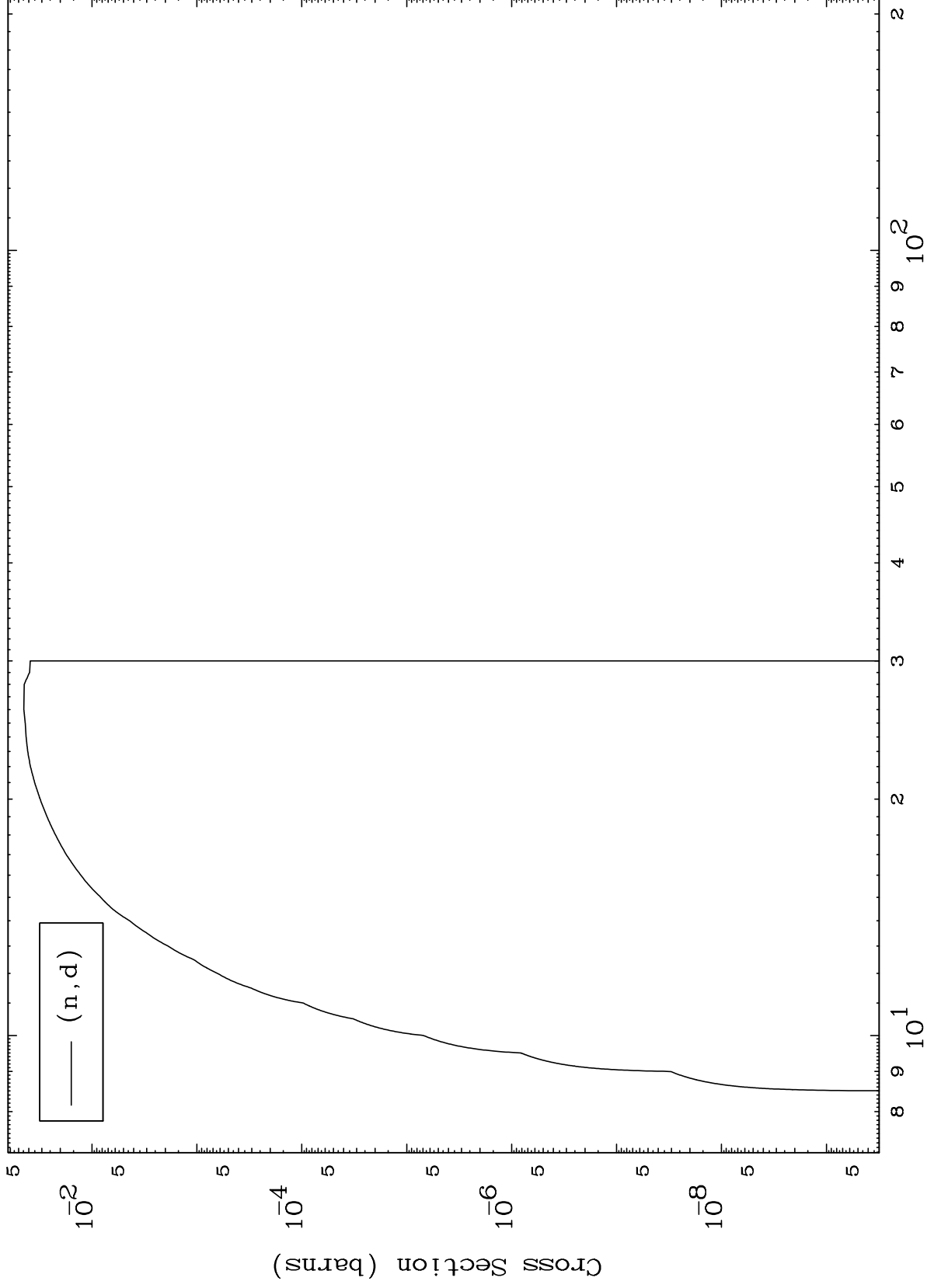
Incident Energy (MeV)

28-Ni-60

MAT 2831

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-60



13

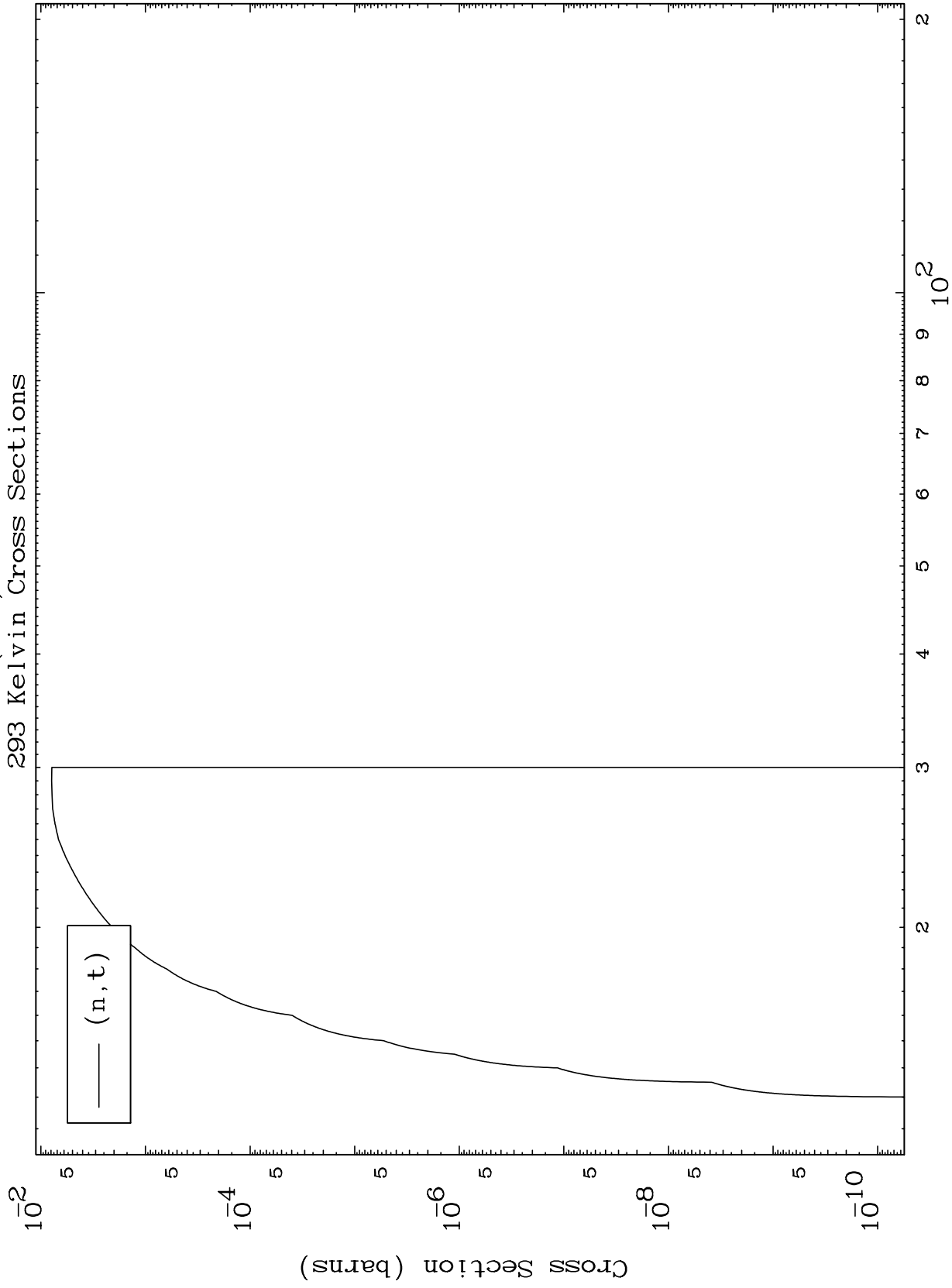
Incident Energy (MeV)

28-Ni-60

MAT 2831

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-60



14

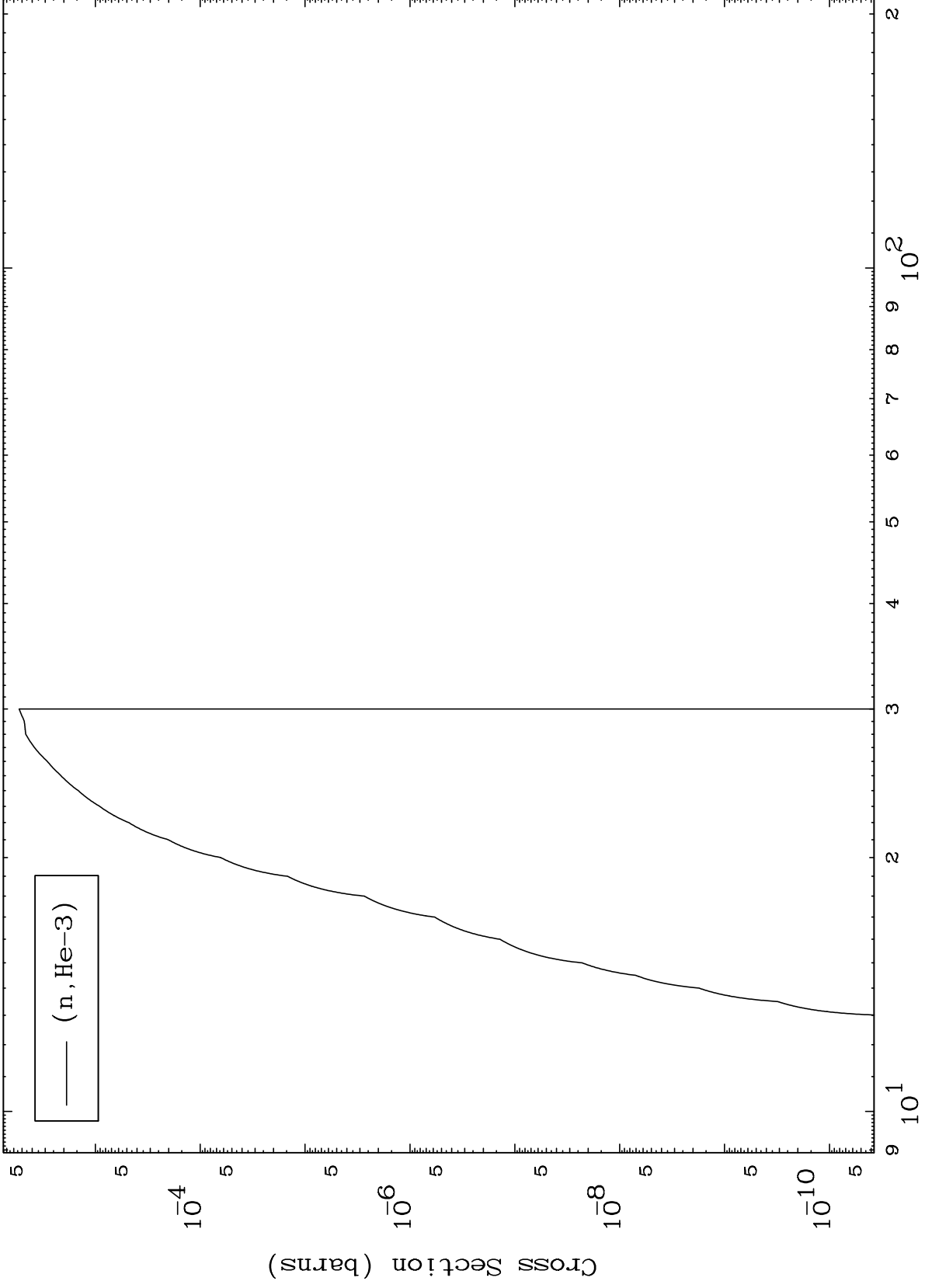
Incident Energy (MeV)

28-Ni-60

MAT 2831

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-60



15

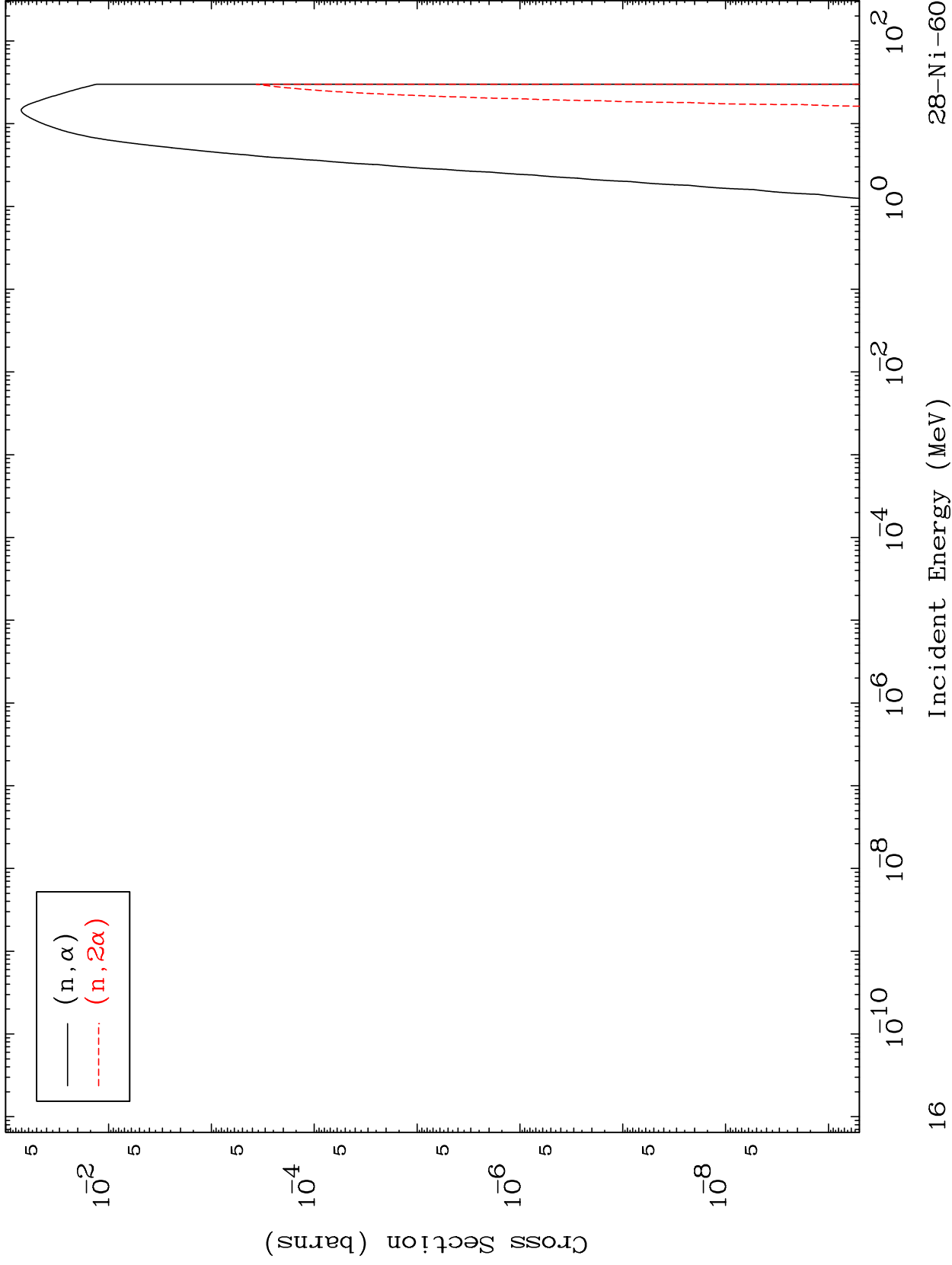
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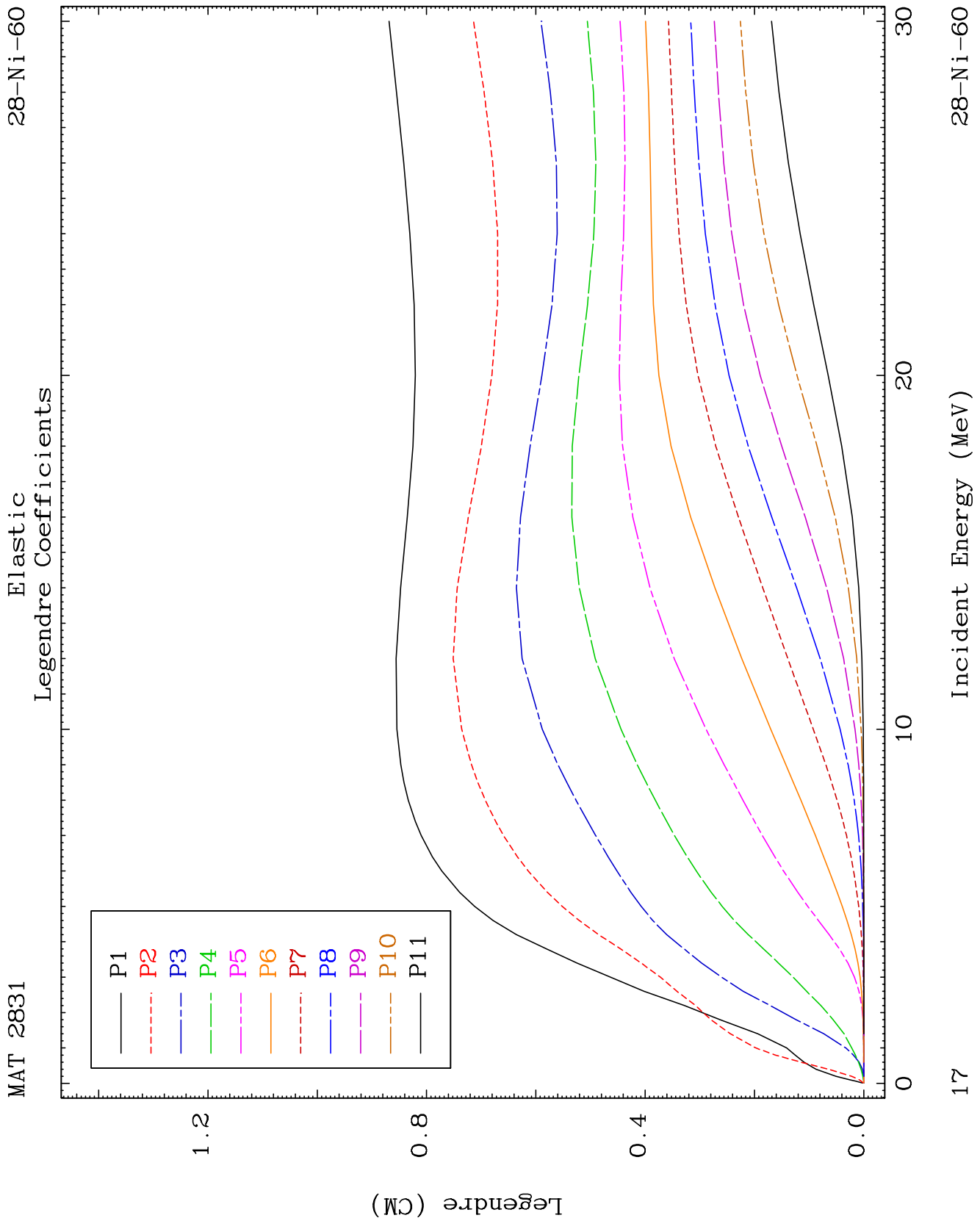
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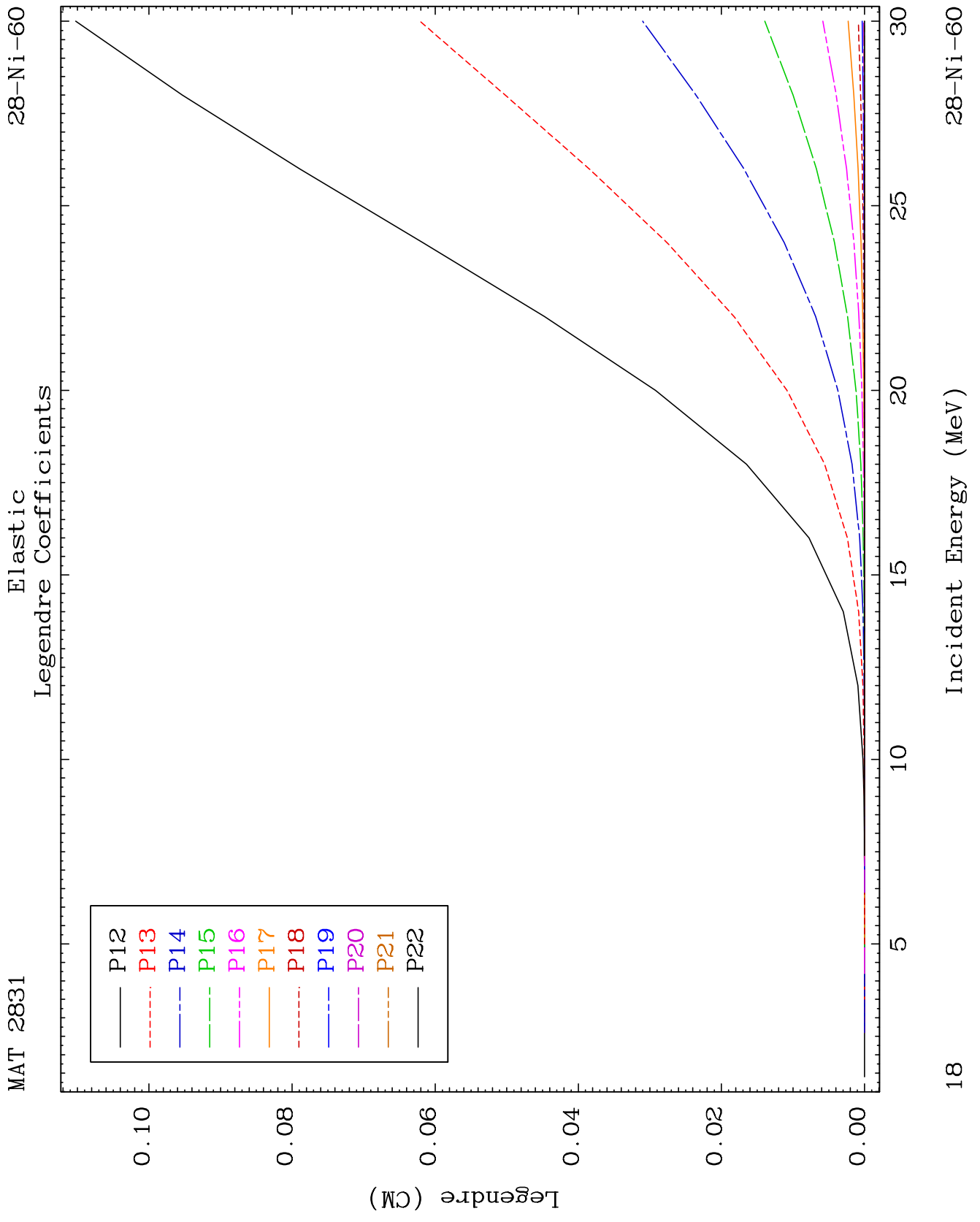
MAT 2831

(n, α) Levels
293 Kelvin Cross Sections

28-Ni-60







MAT 2831

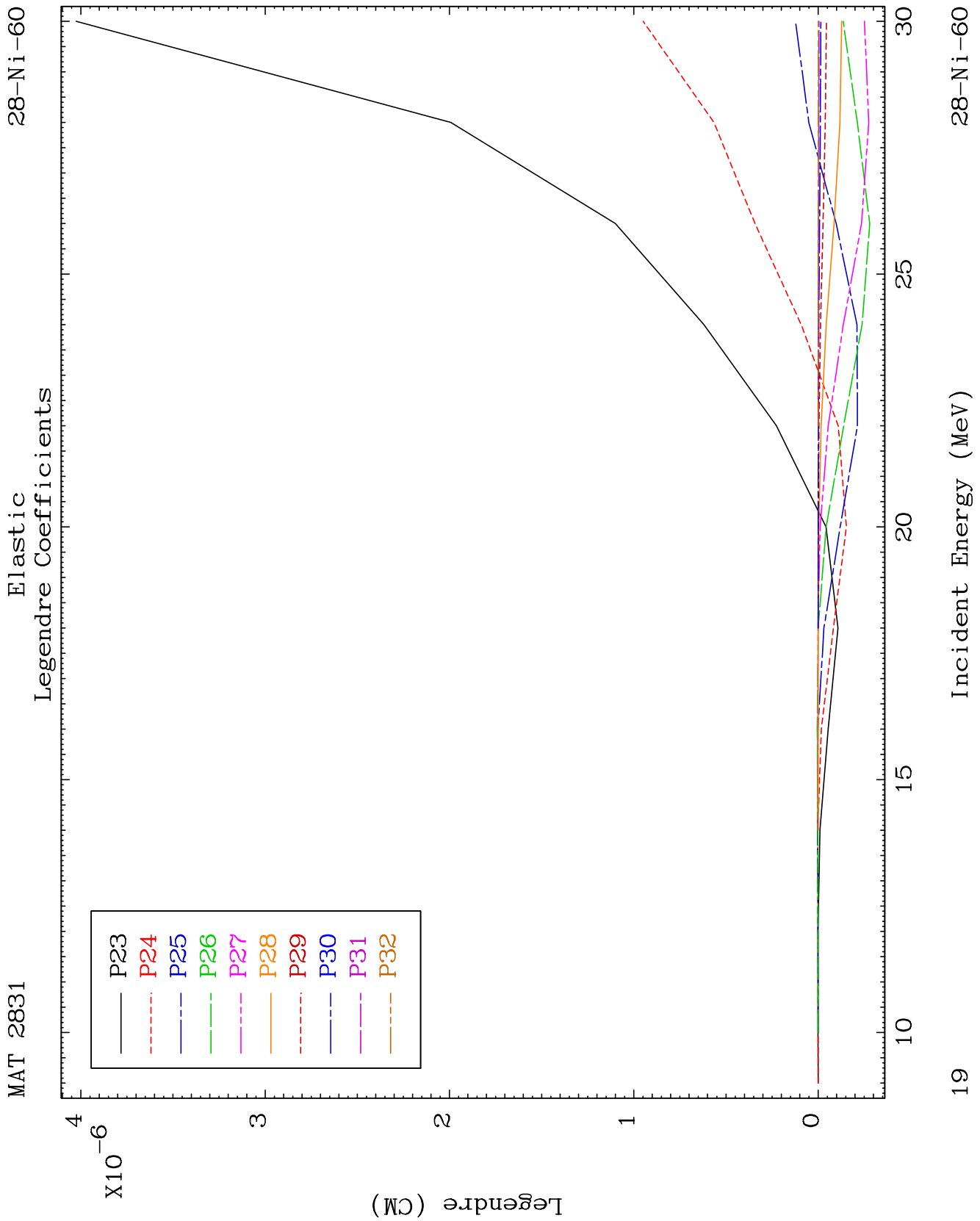
Elastic Legendre Coefficients

$^{28}\text{Ni-60}$

18

Incident Energy (MeV)

$^{28}\text{Ni-60}$



MAT 2831

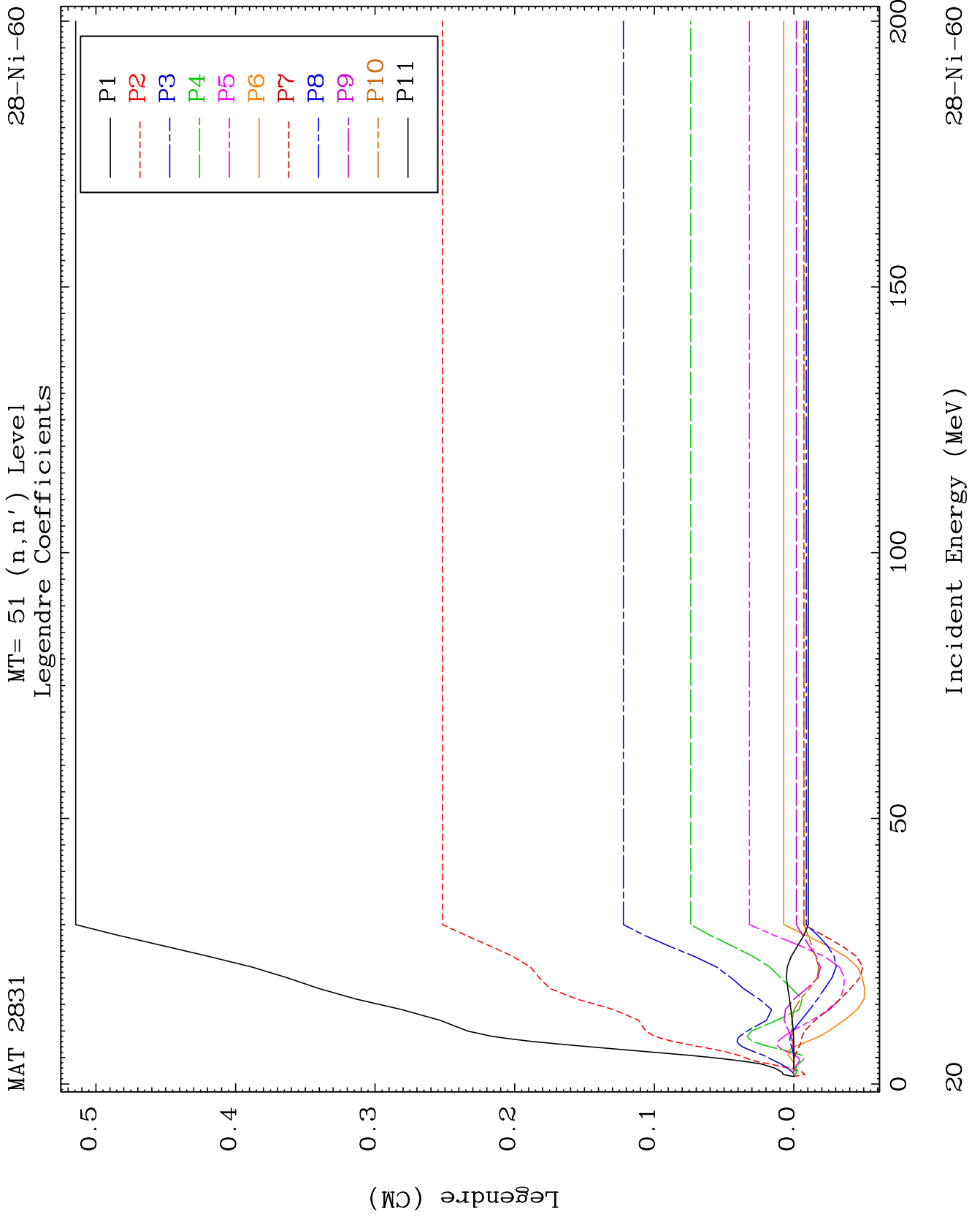
Elastic Legendre Coefficients

$^{28}\text{Ni-60}$

19

Incident Energy (MeV)

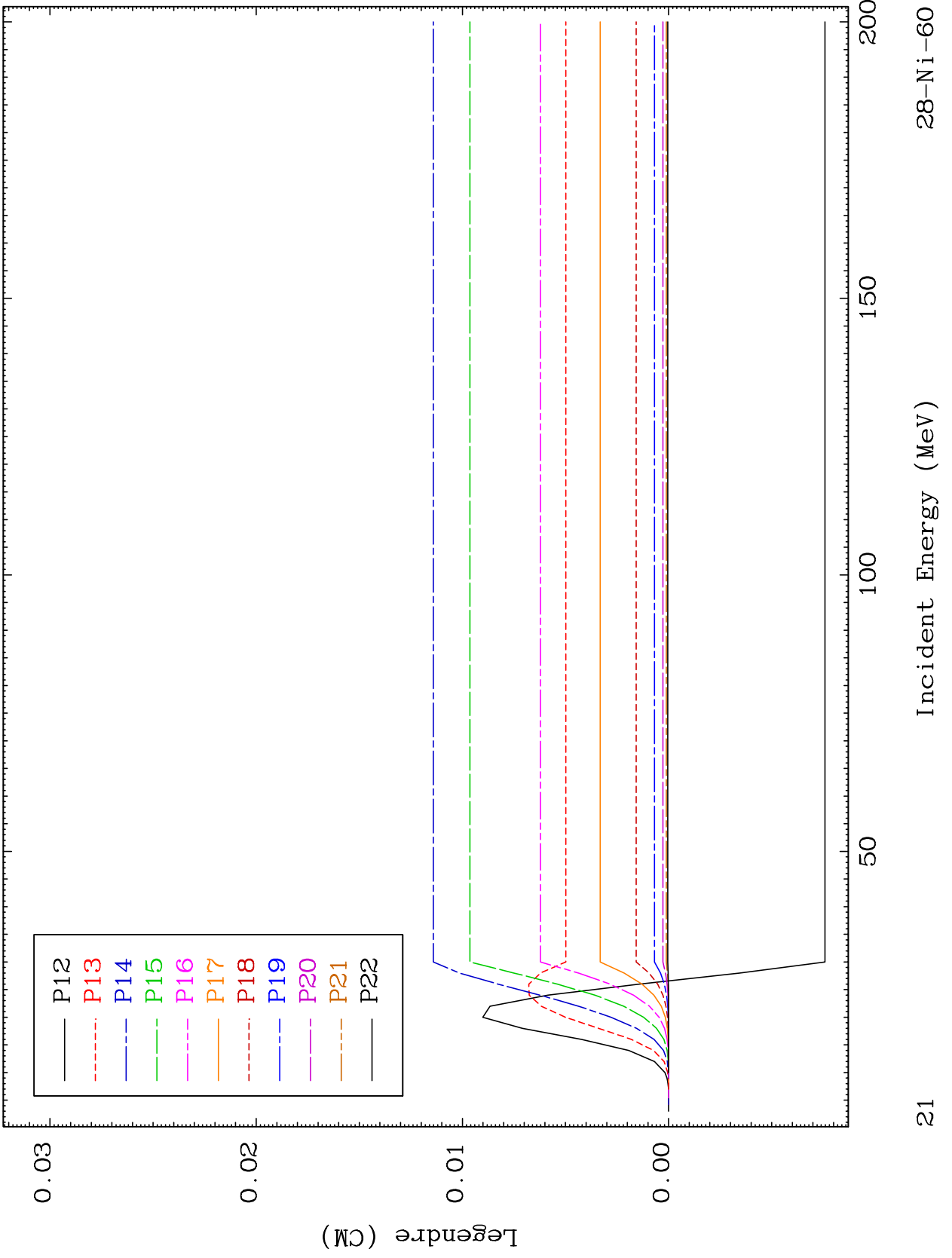
$^{28}\text{Ni-60}$



MAT 2831

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

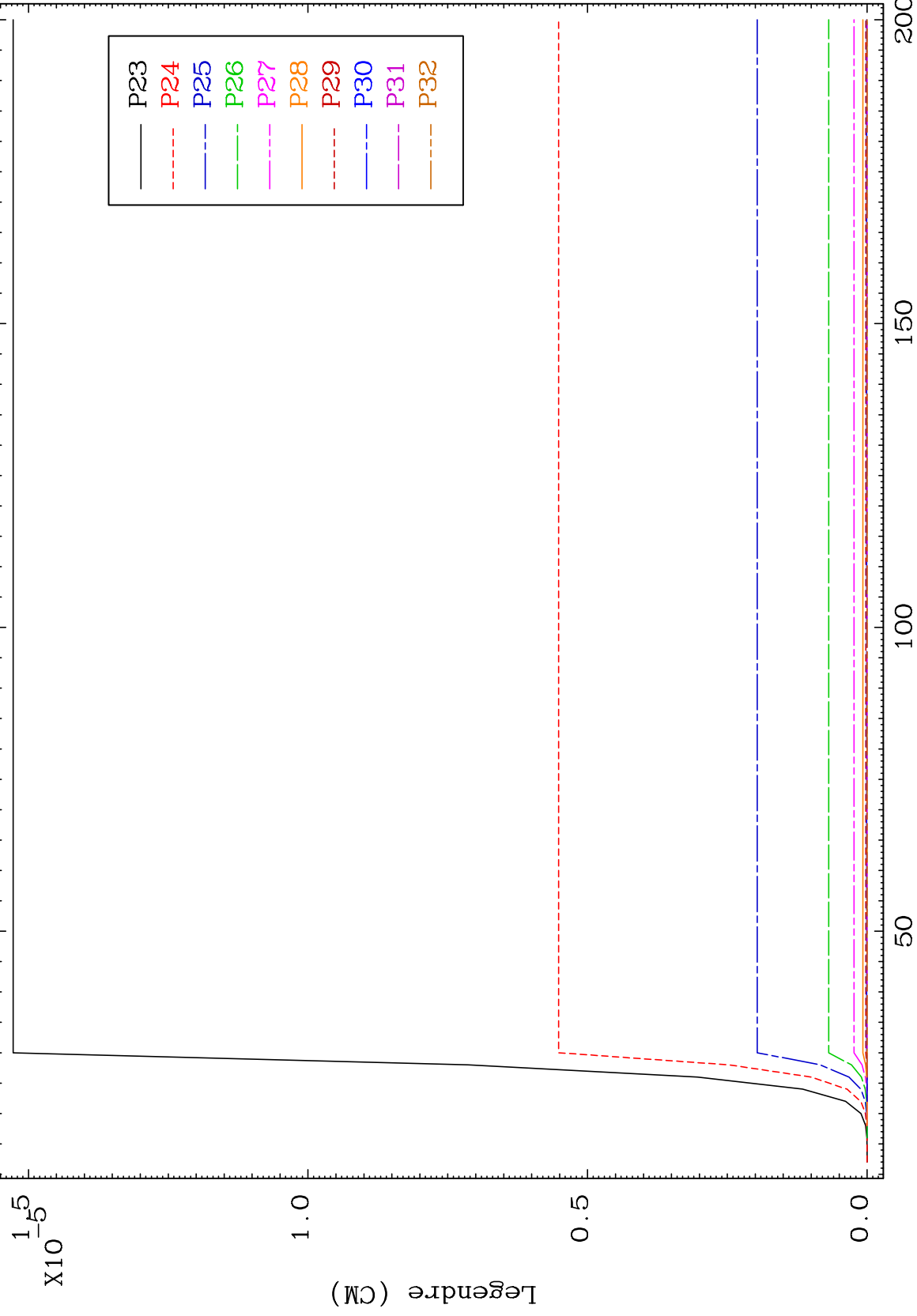
28-Ni-60



MAT 2831

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

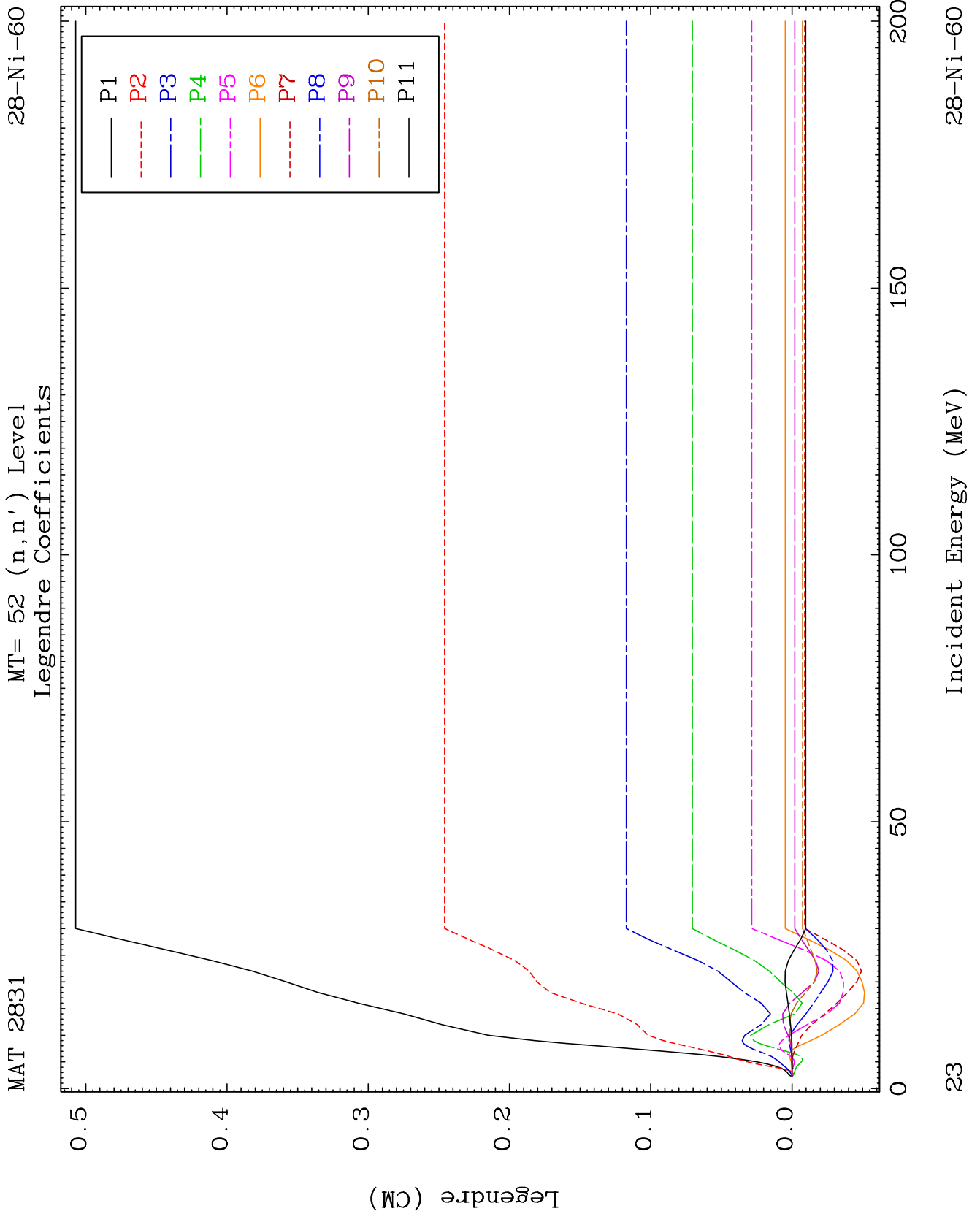
28-Ni-60



22

Incident Energy (MeV)

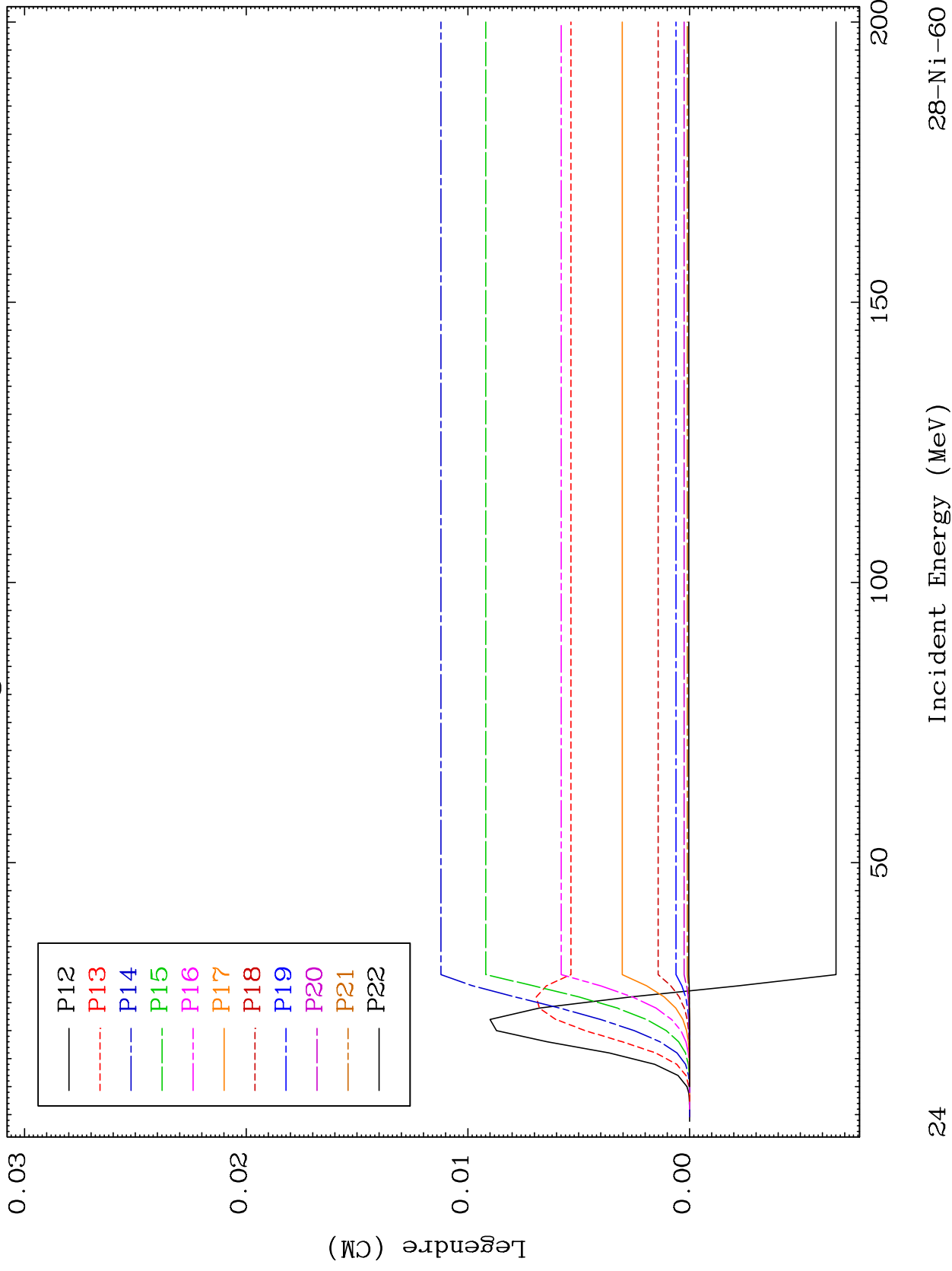
28-Ni-60



MAT 2831

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

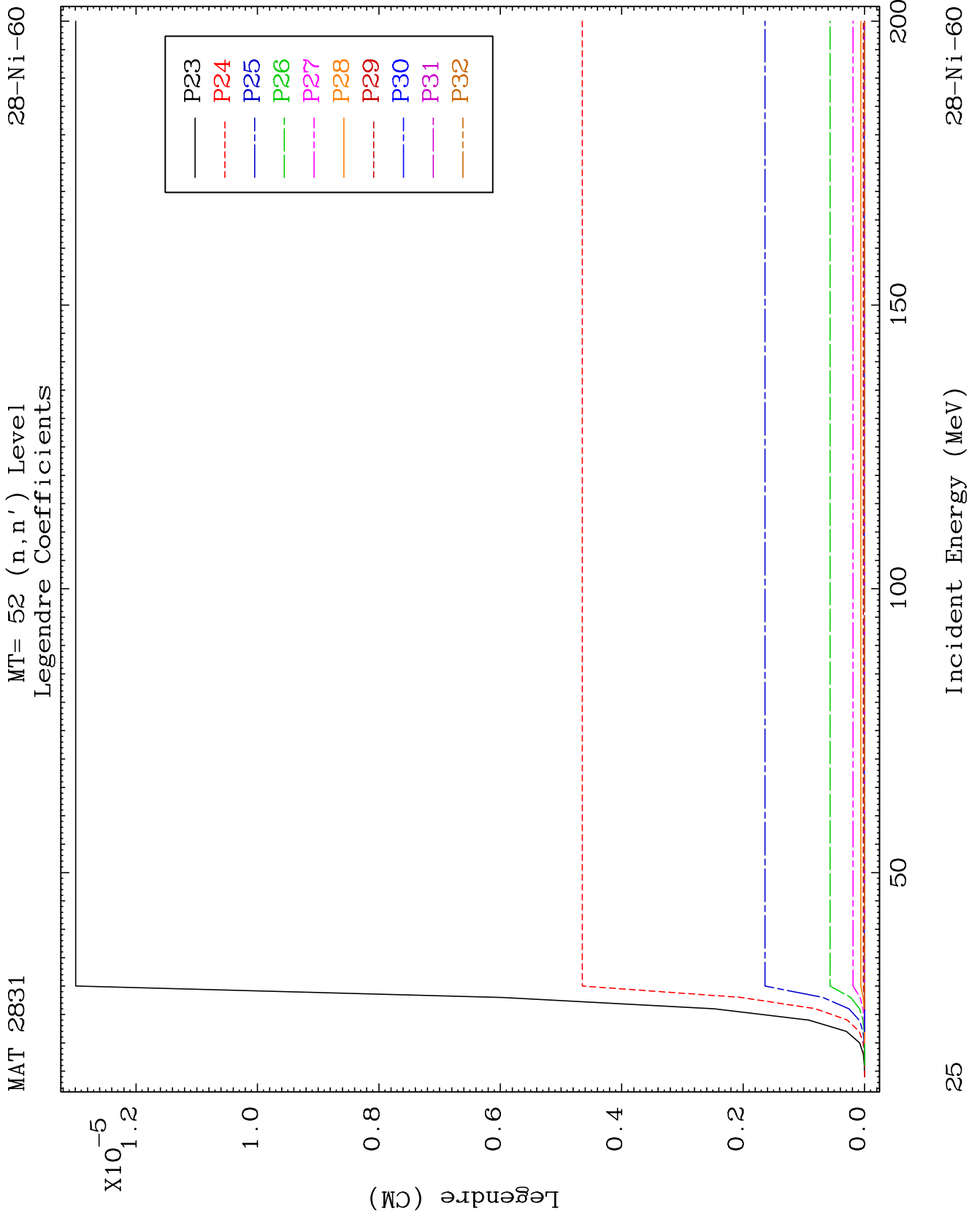
28-Ni-60

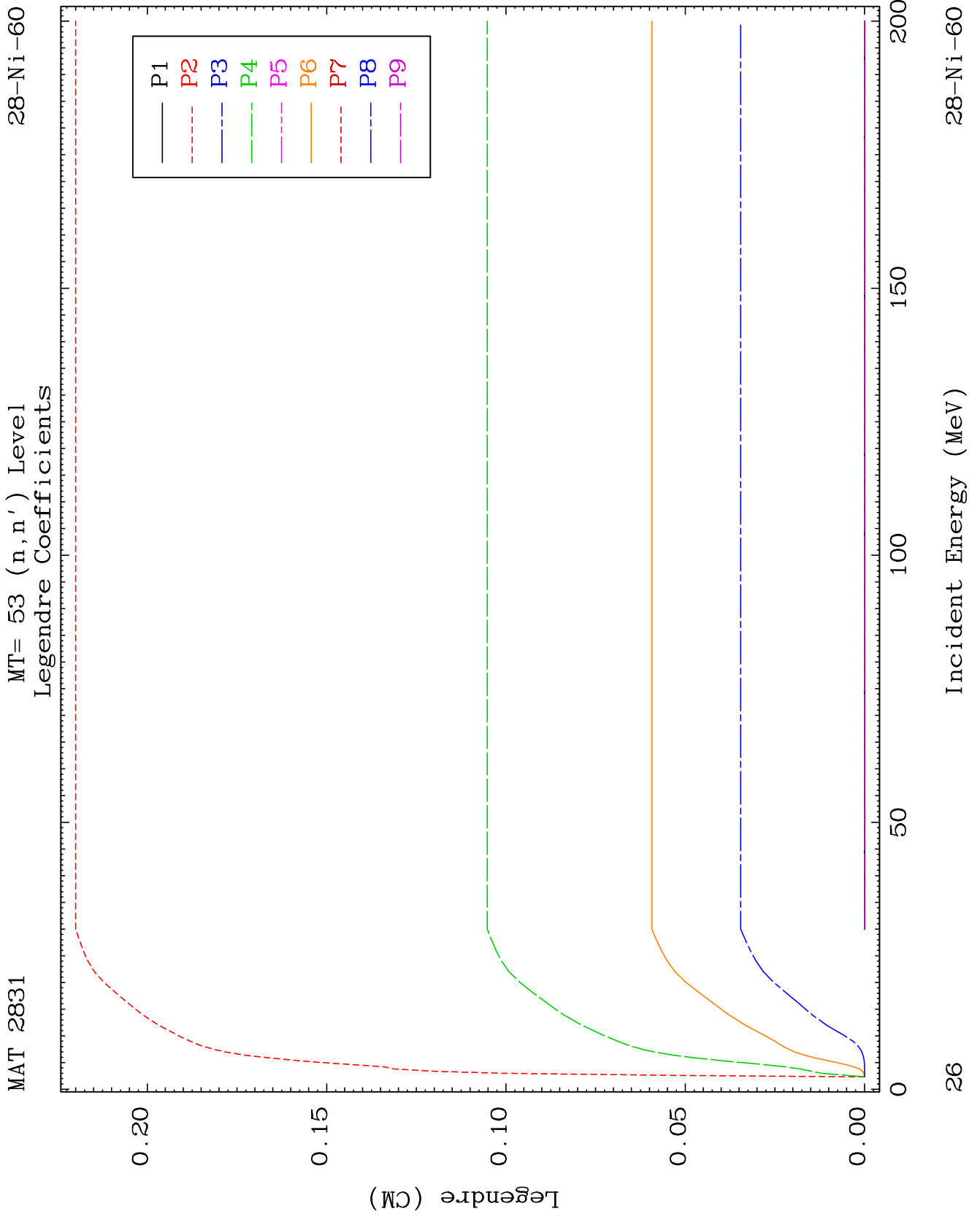


24

Incident Energy (MeV)

28-Ni-60

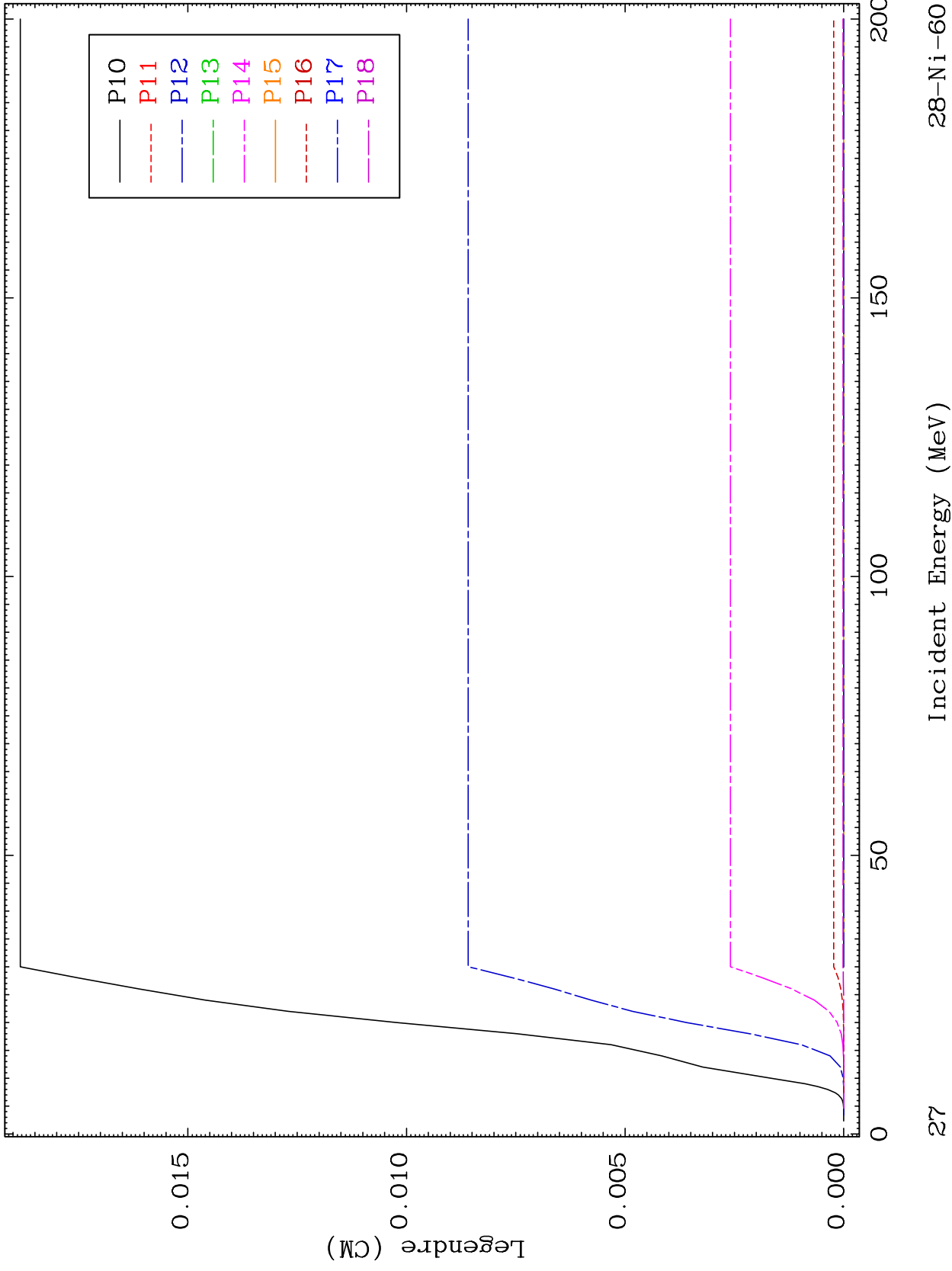


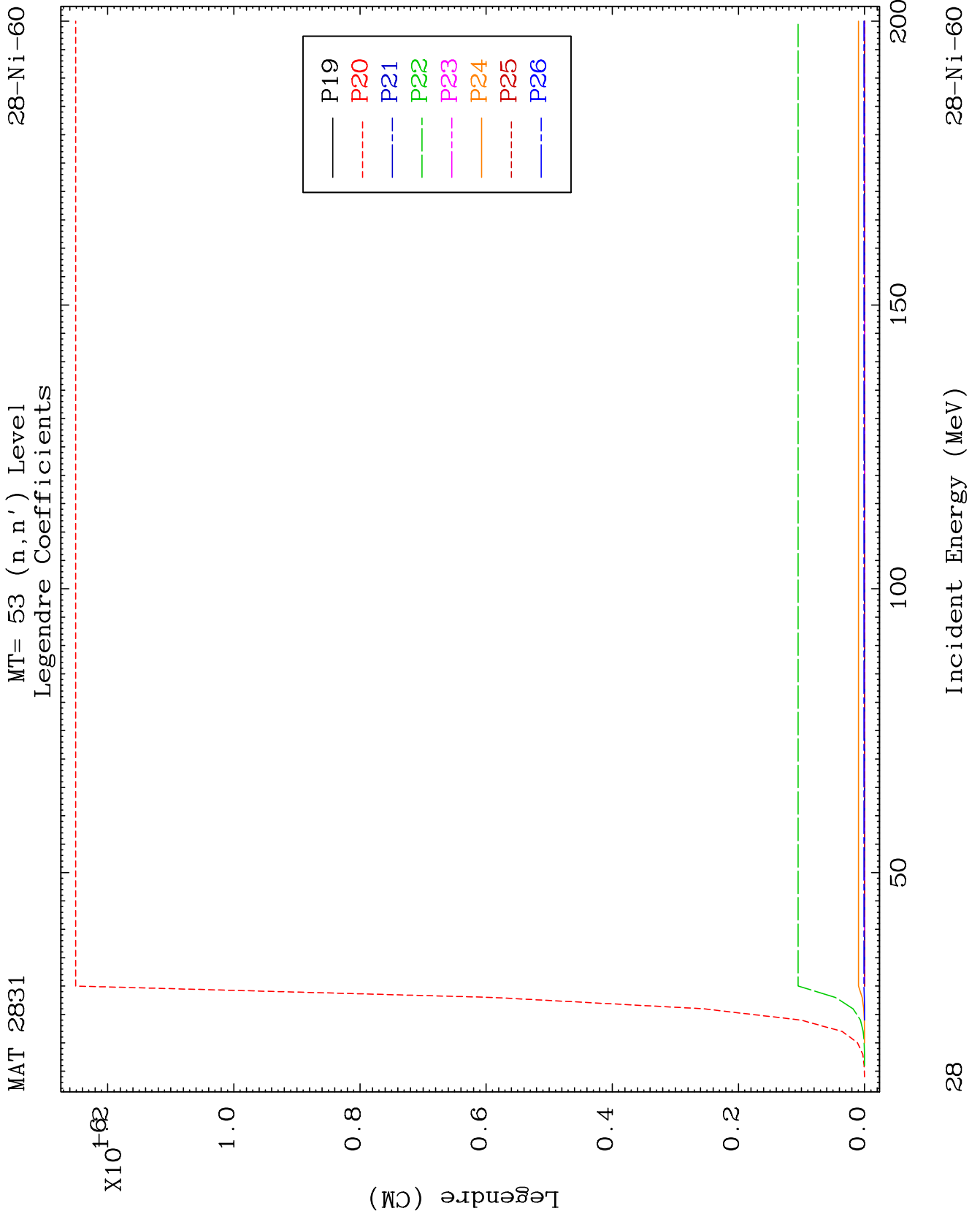


MAT 2831

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

28-Ni-60

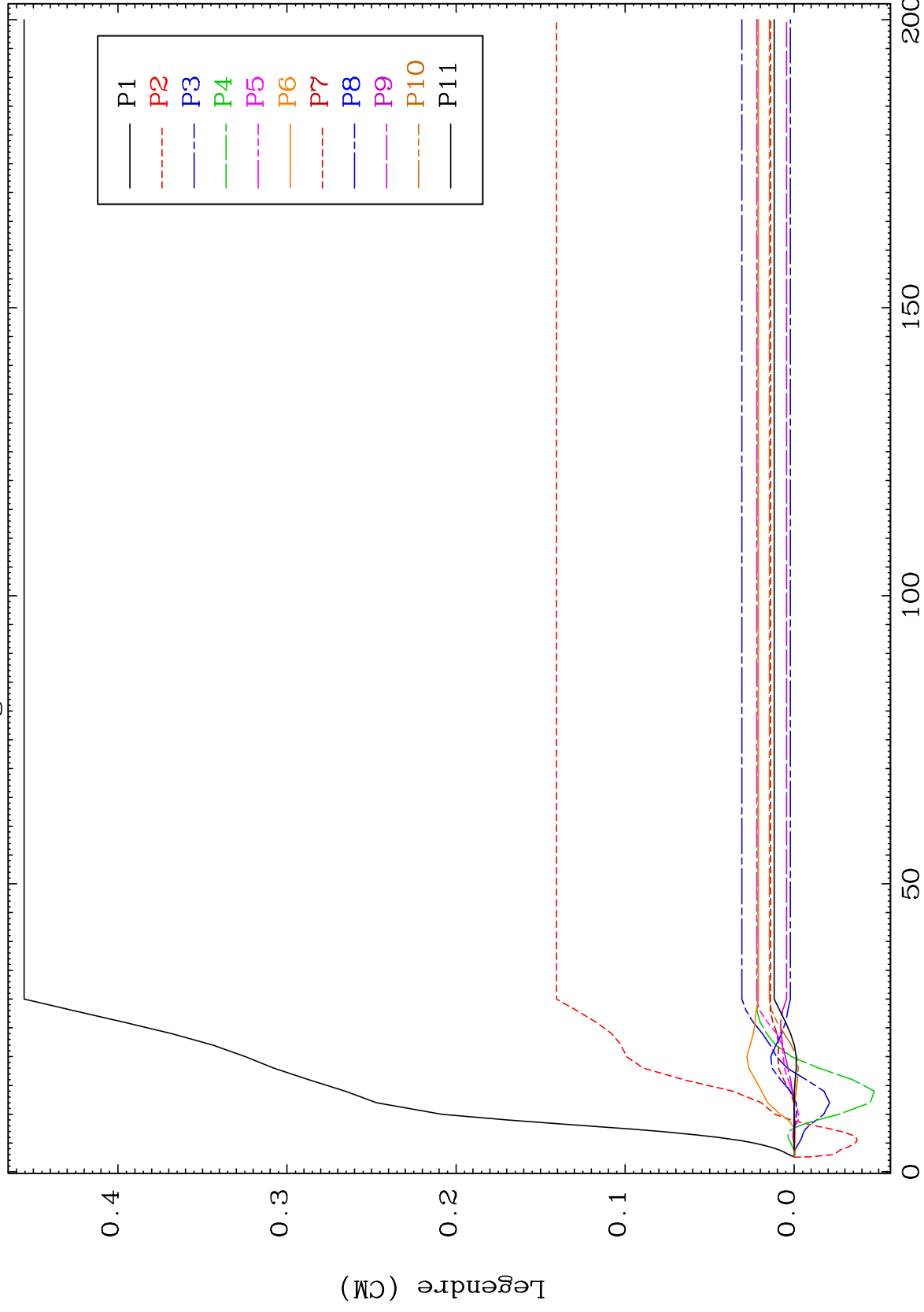




MAT 2831

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

28-Ni-60



29

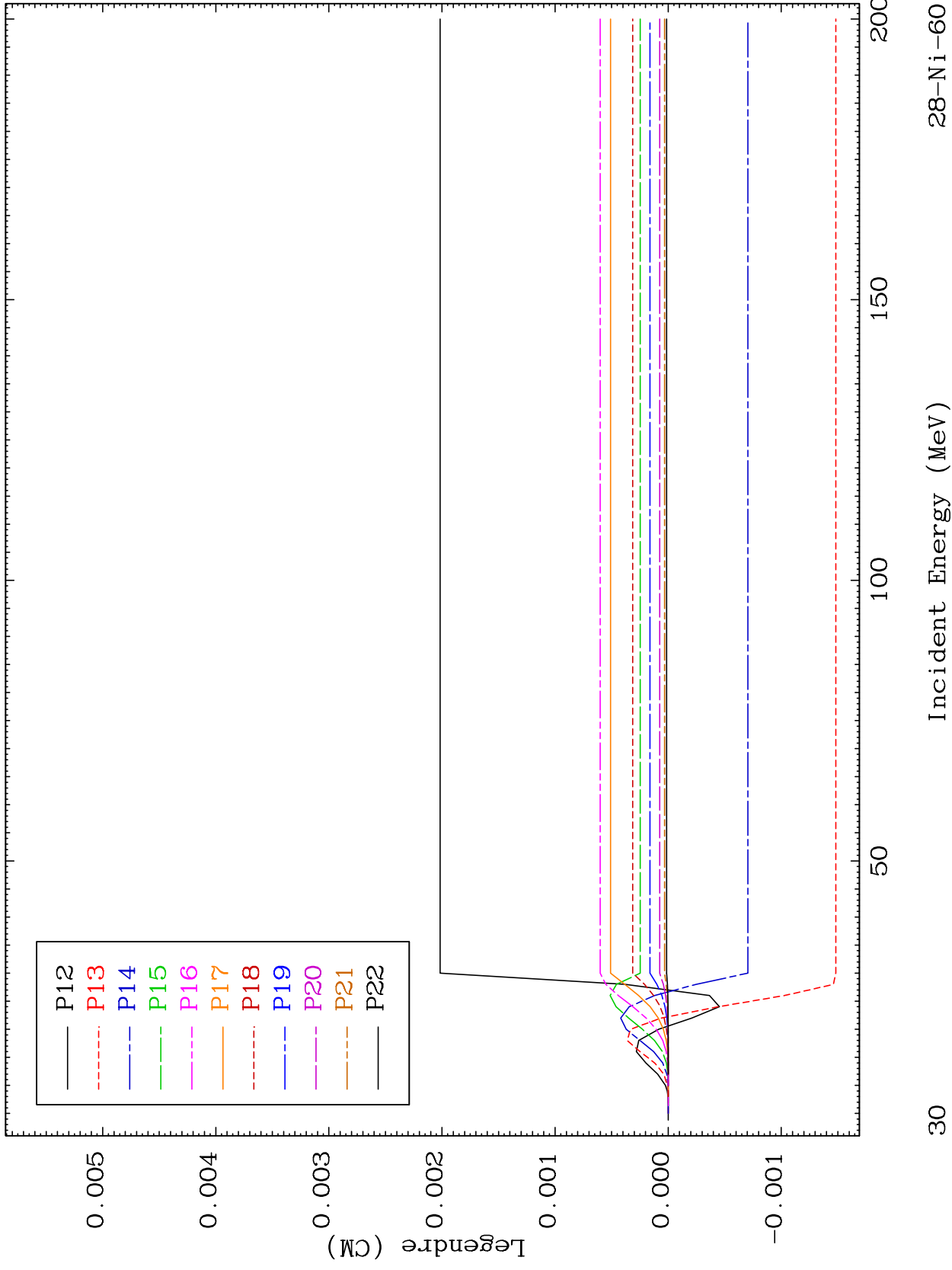
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

28-Ni-60



30

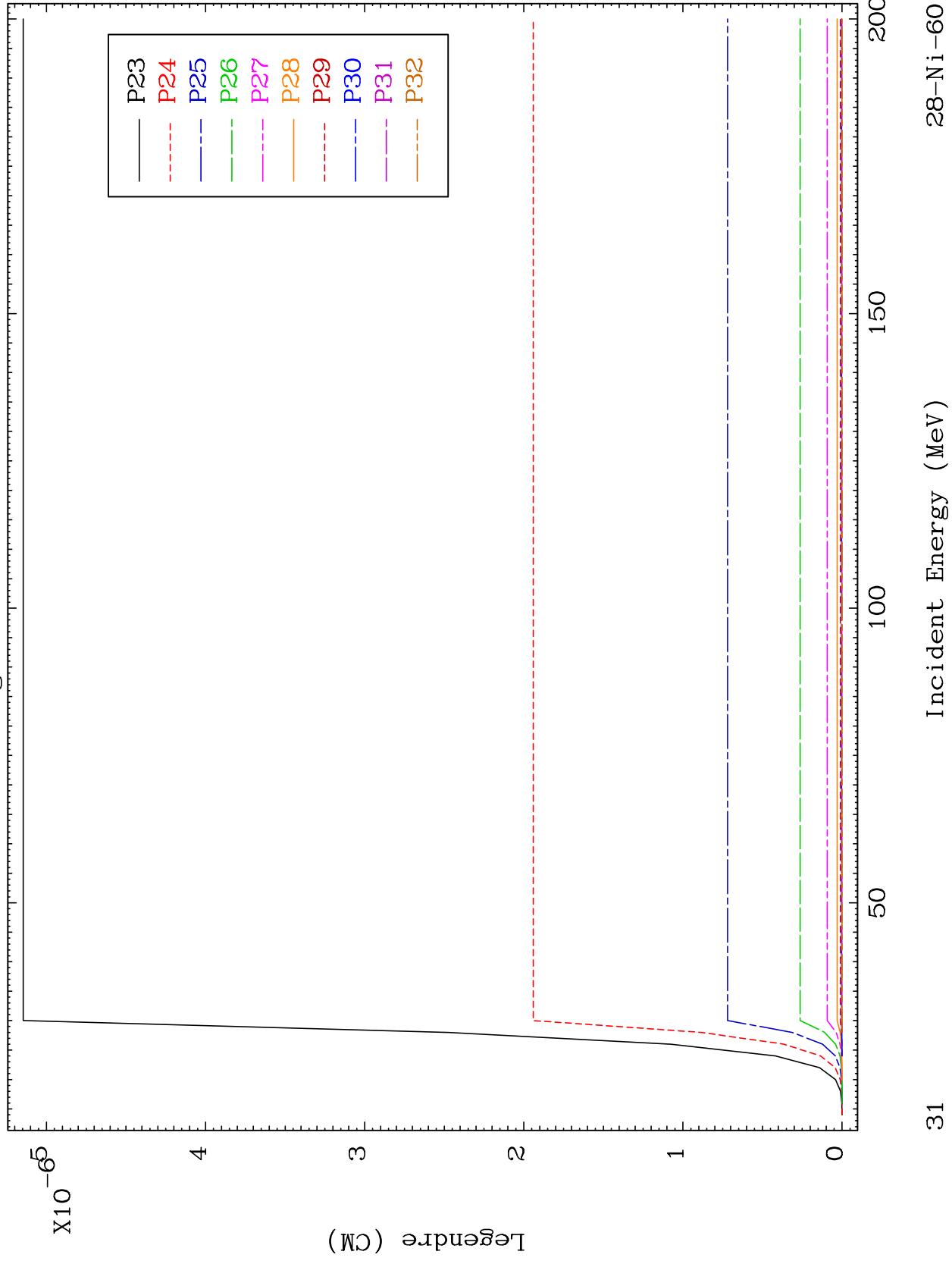
Incident Energy (MeV)

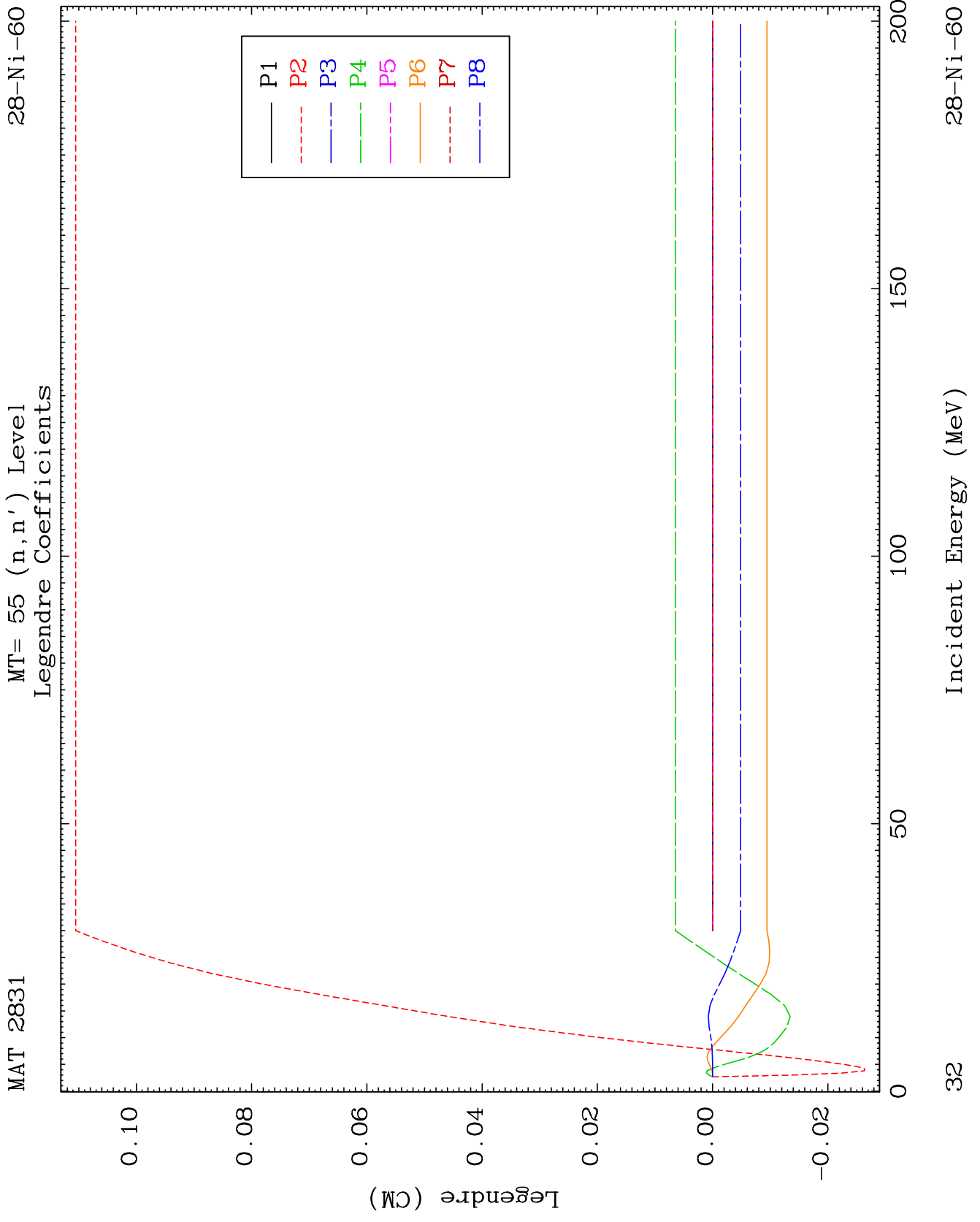
28-Ni-60

MAT 2831

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

28-Ni-60

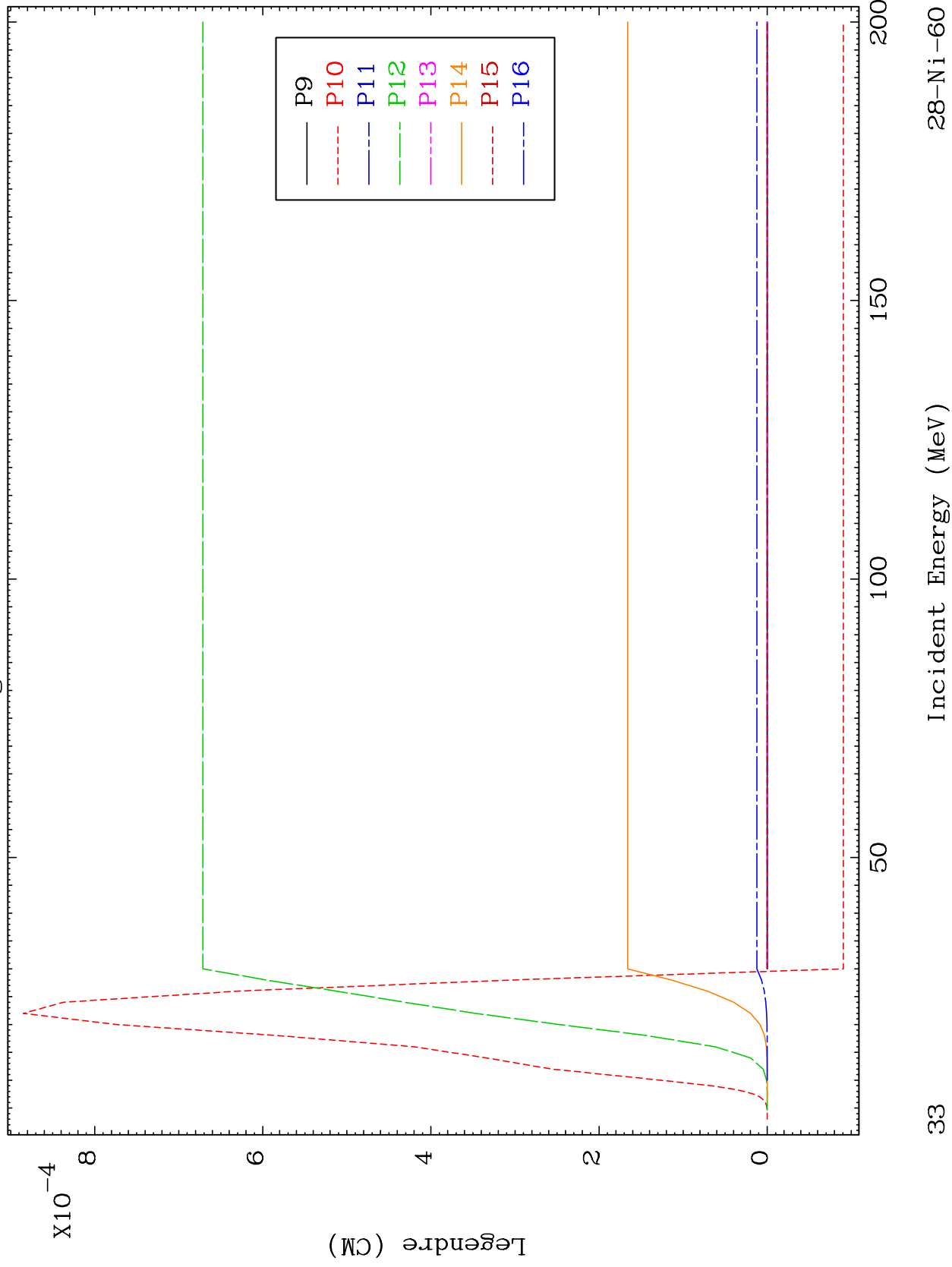




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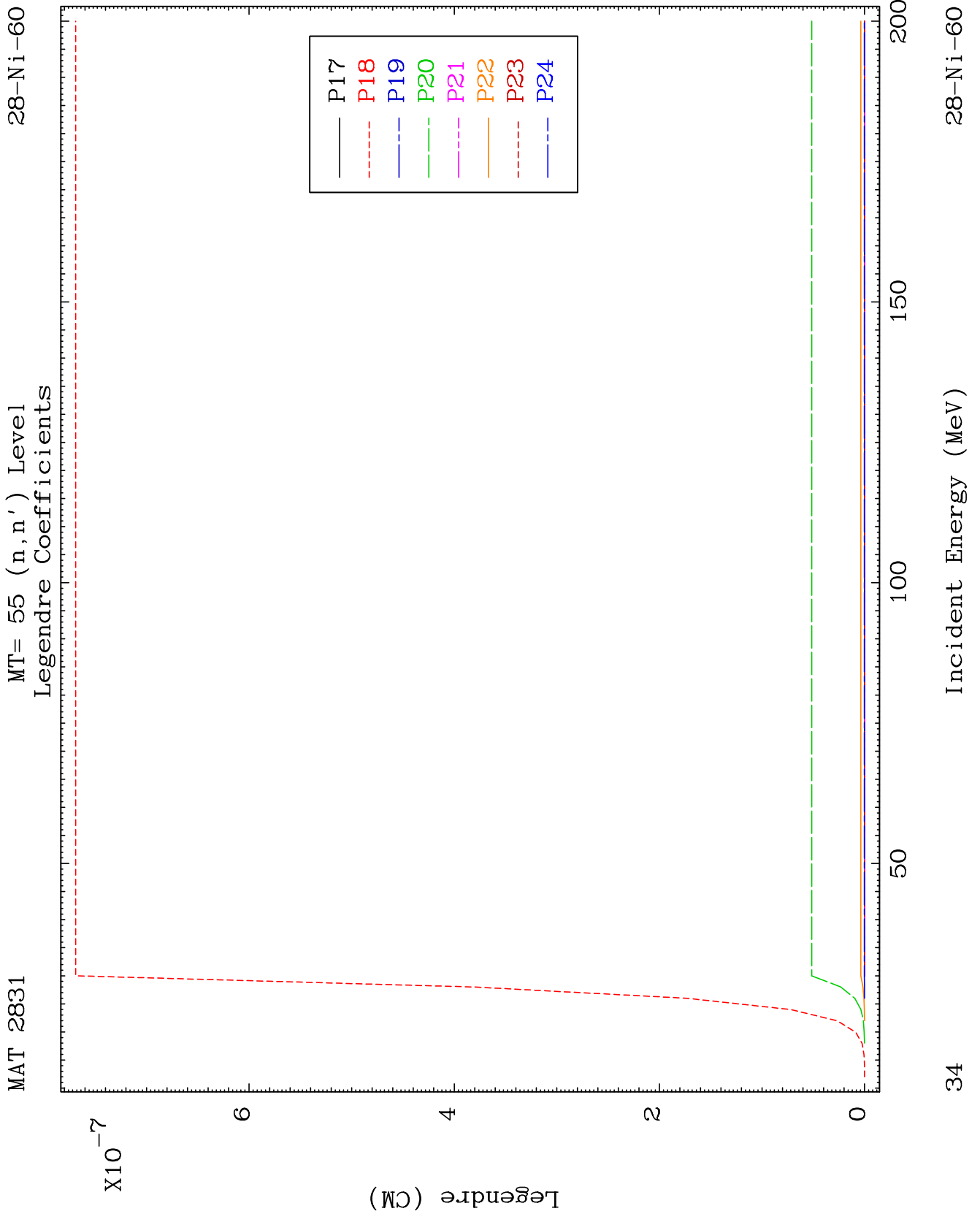
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Legendre Coefficients

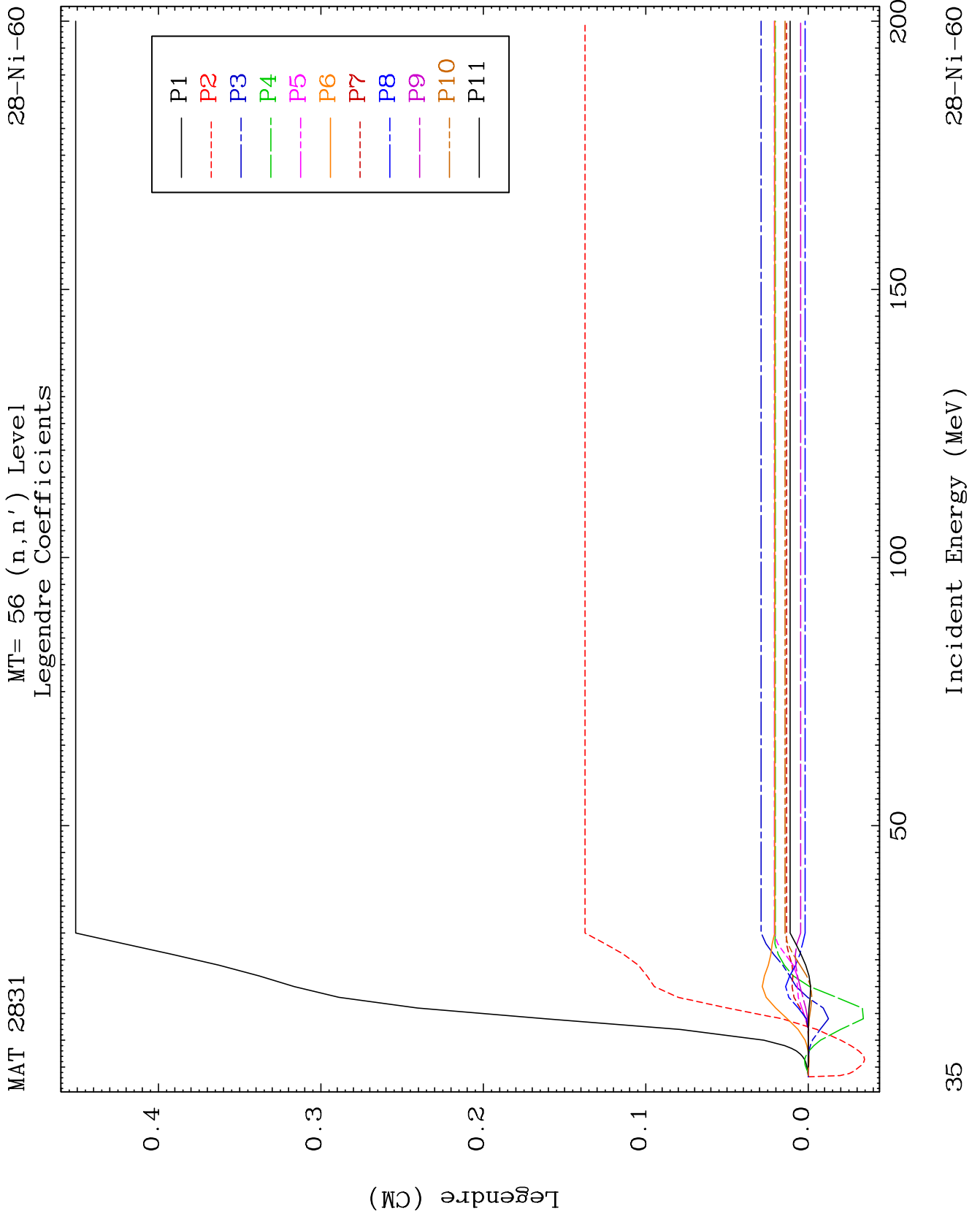
28-Ni-60



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28-Ni-60

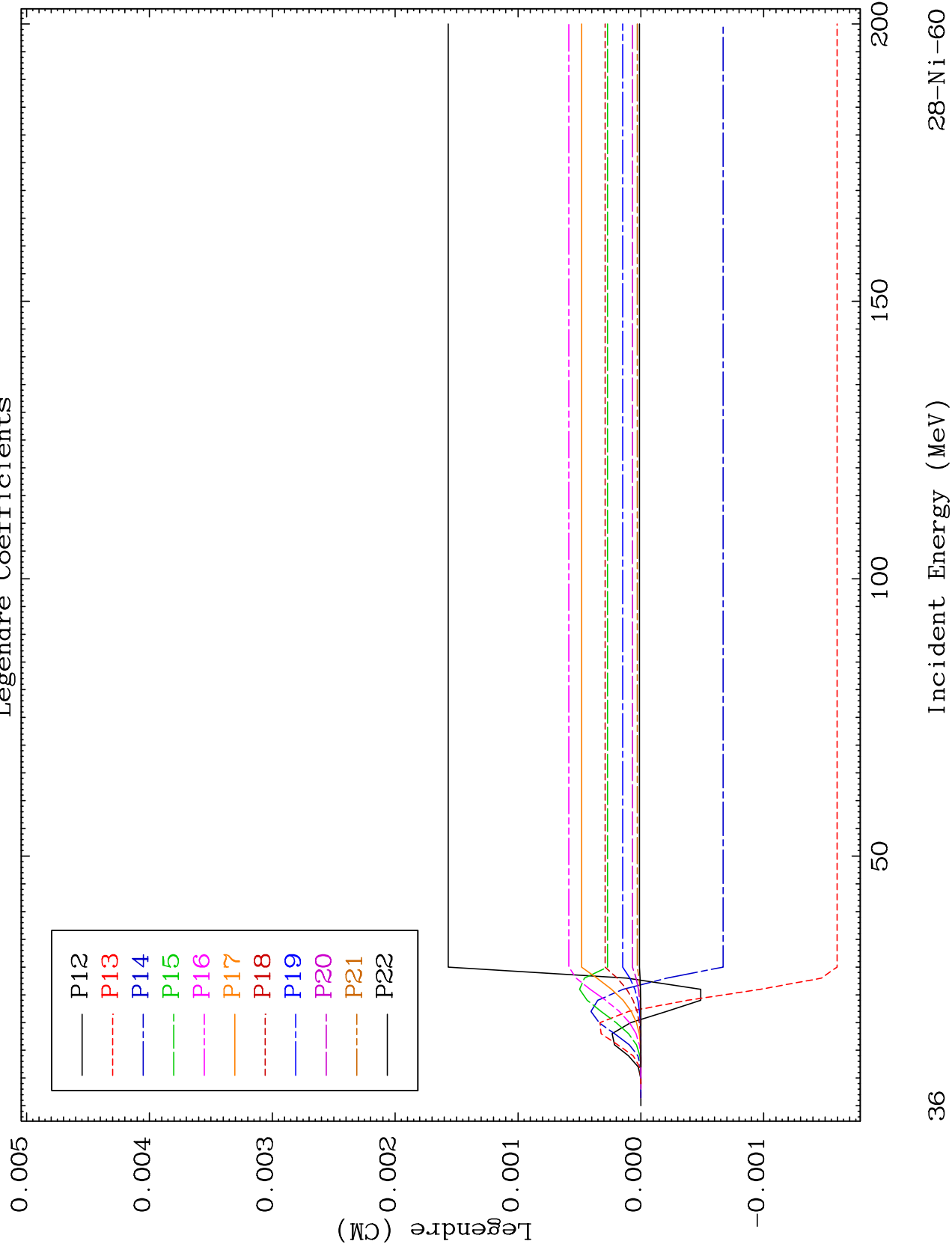




MAT 2831

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

28-Ni-60



36

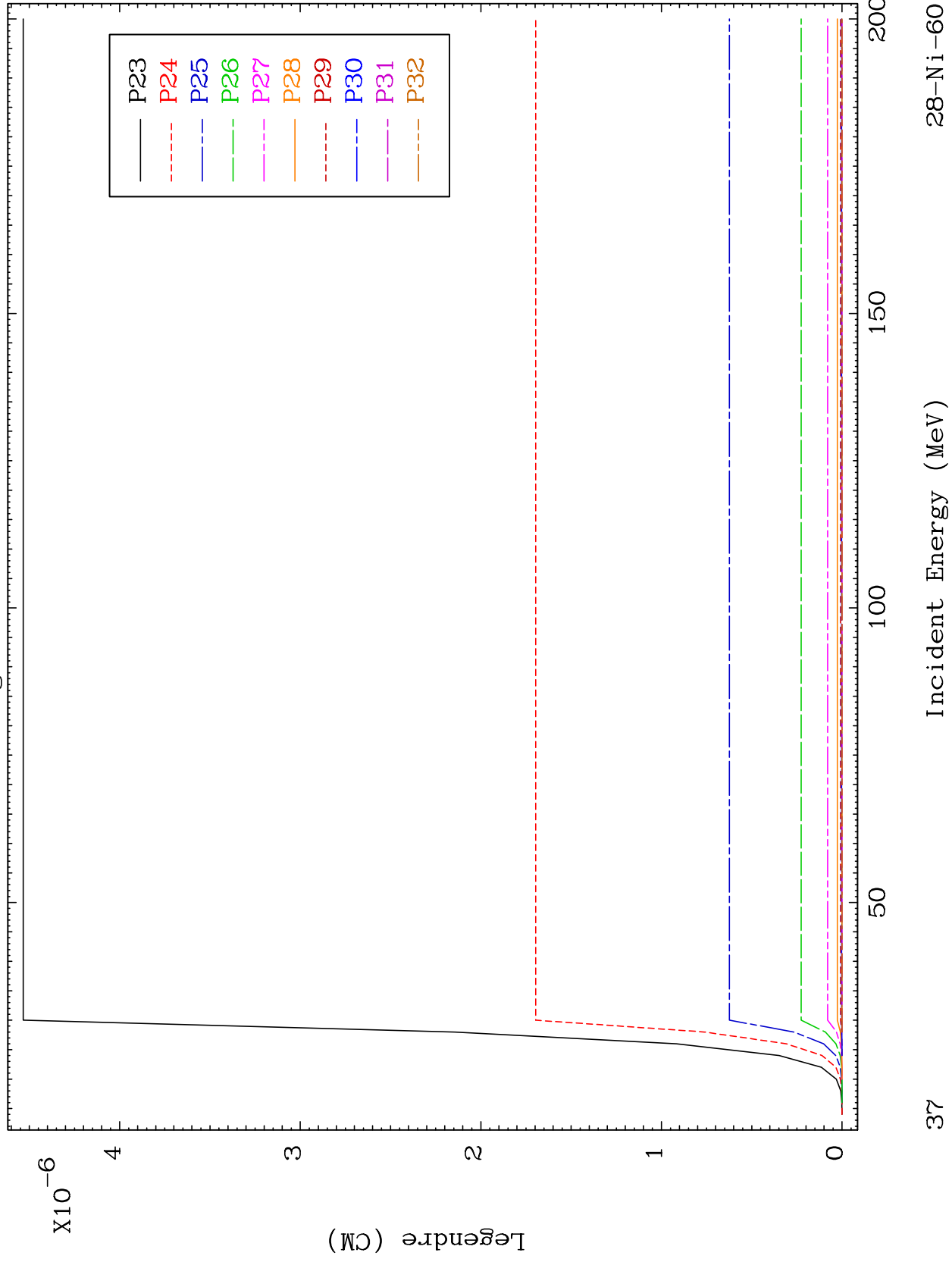
Incident Energy (MeV)

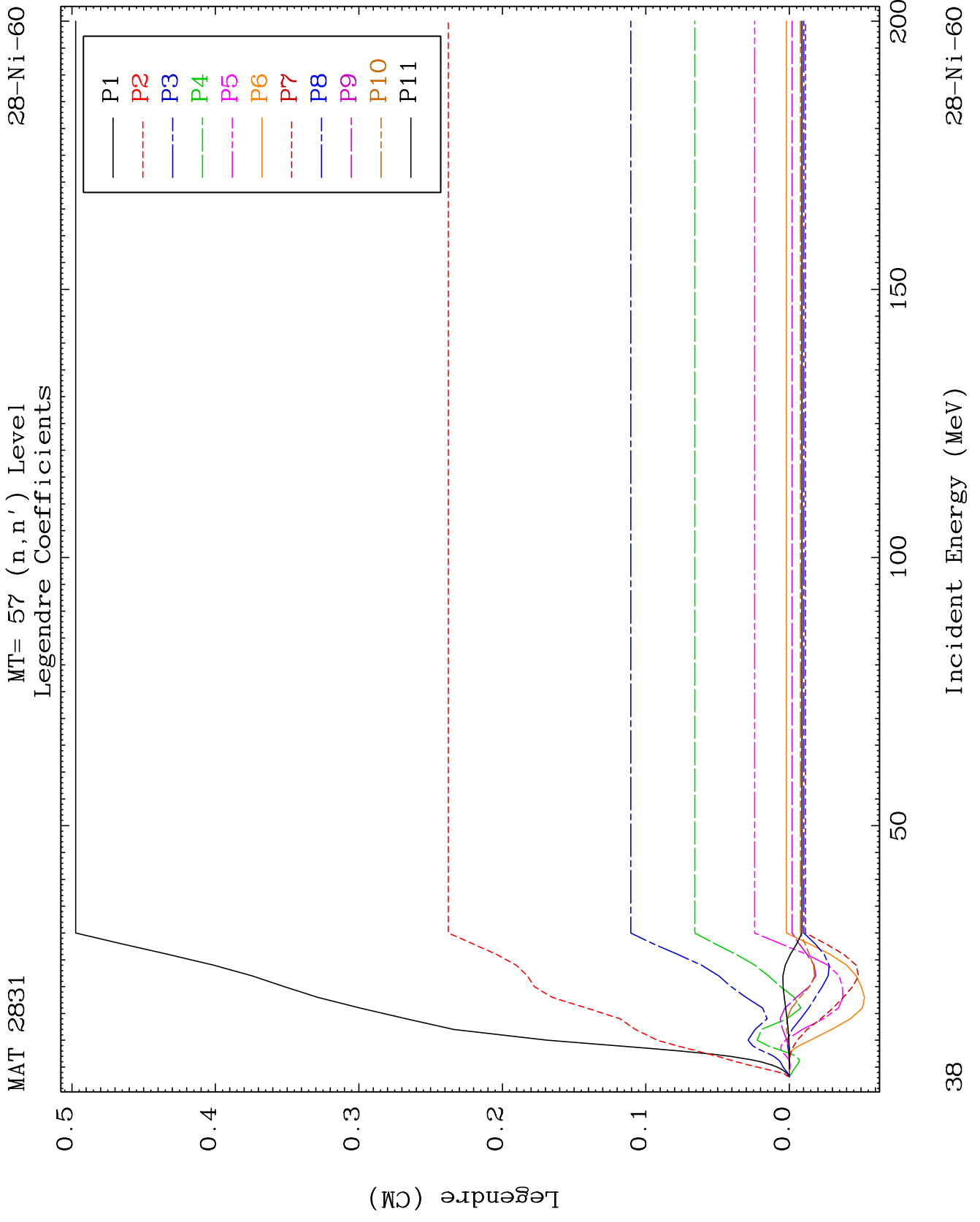
28-Ni-60

MAT 2831

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

28-Ni-60

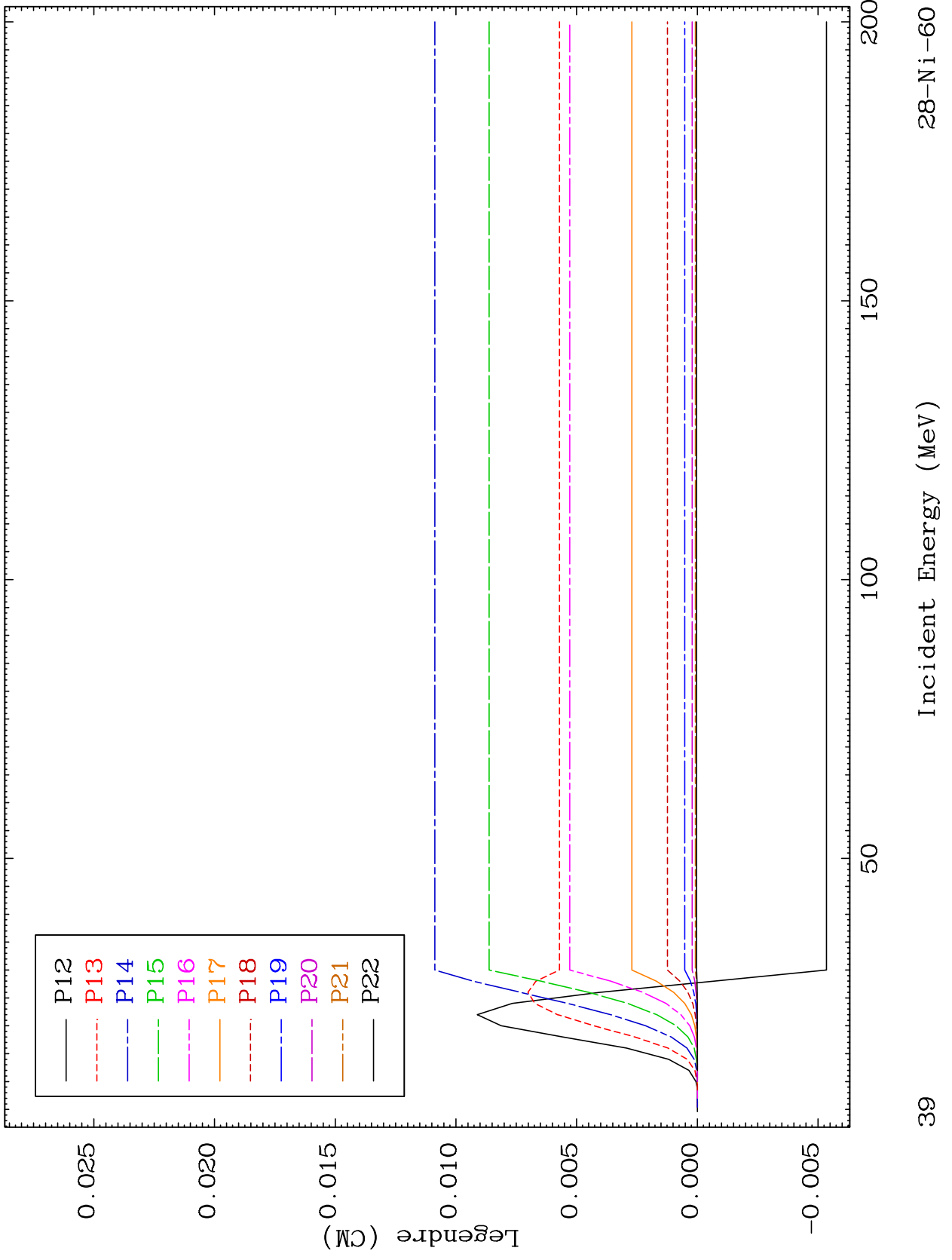


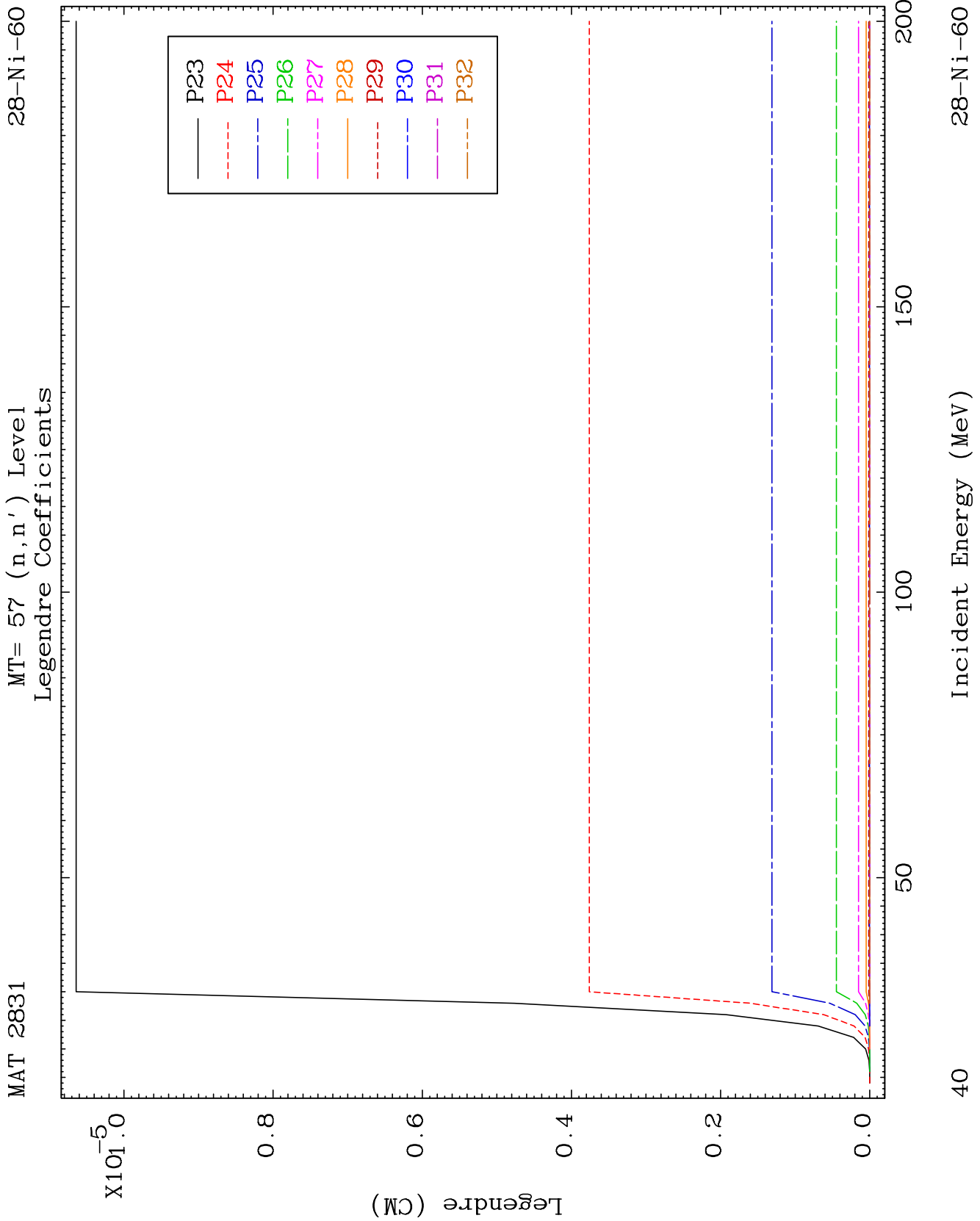


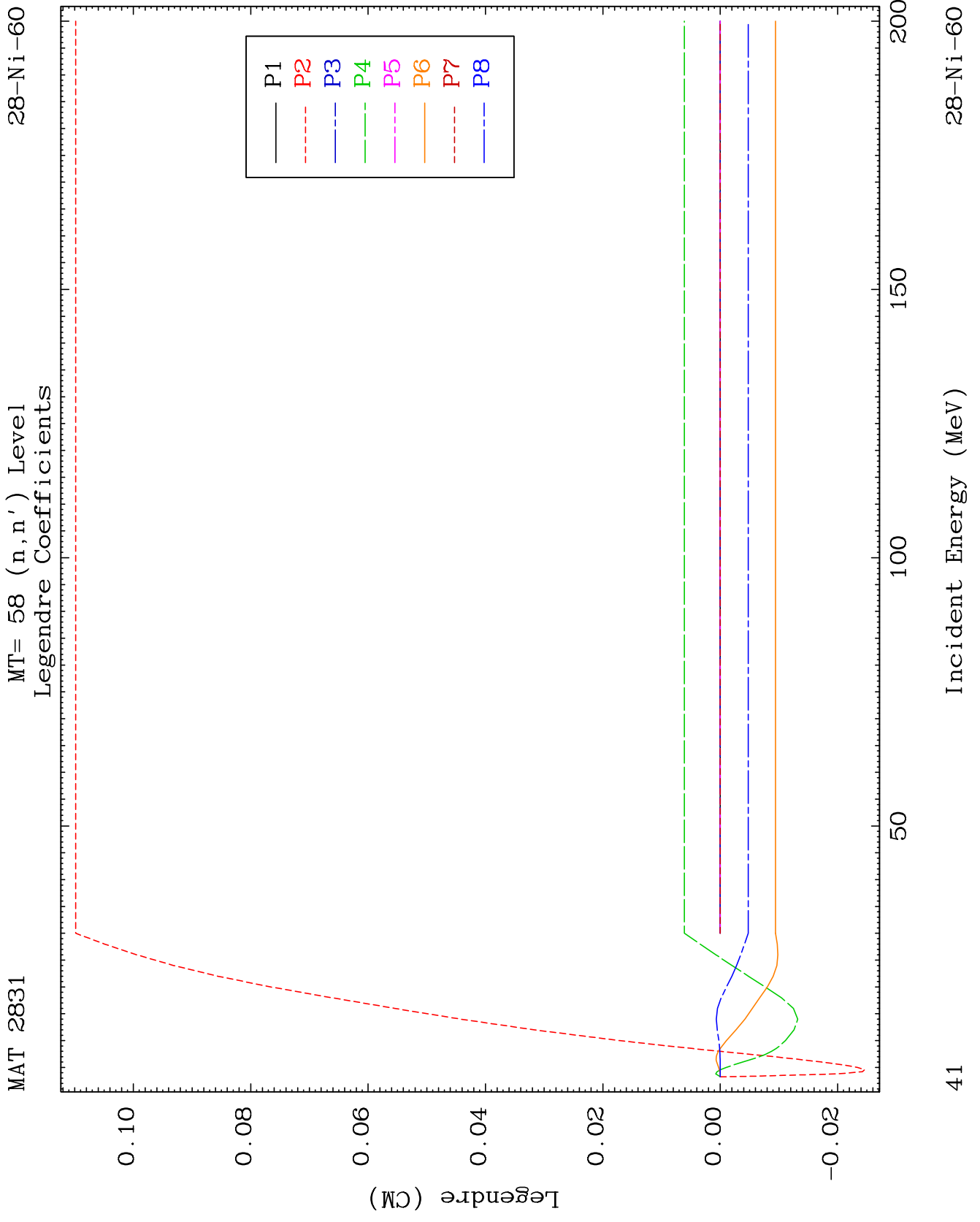
MAT 2831

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

28-Ni-60



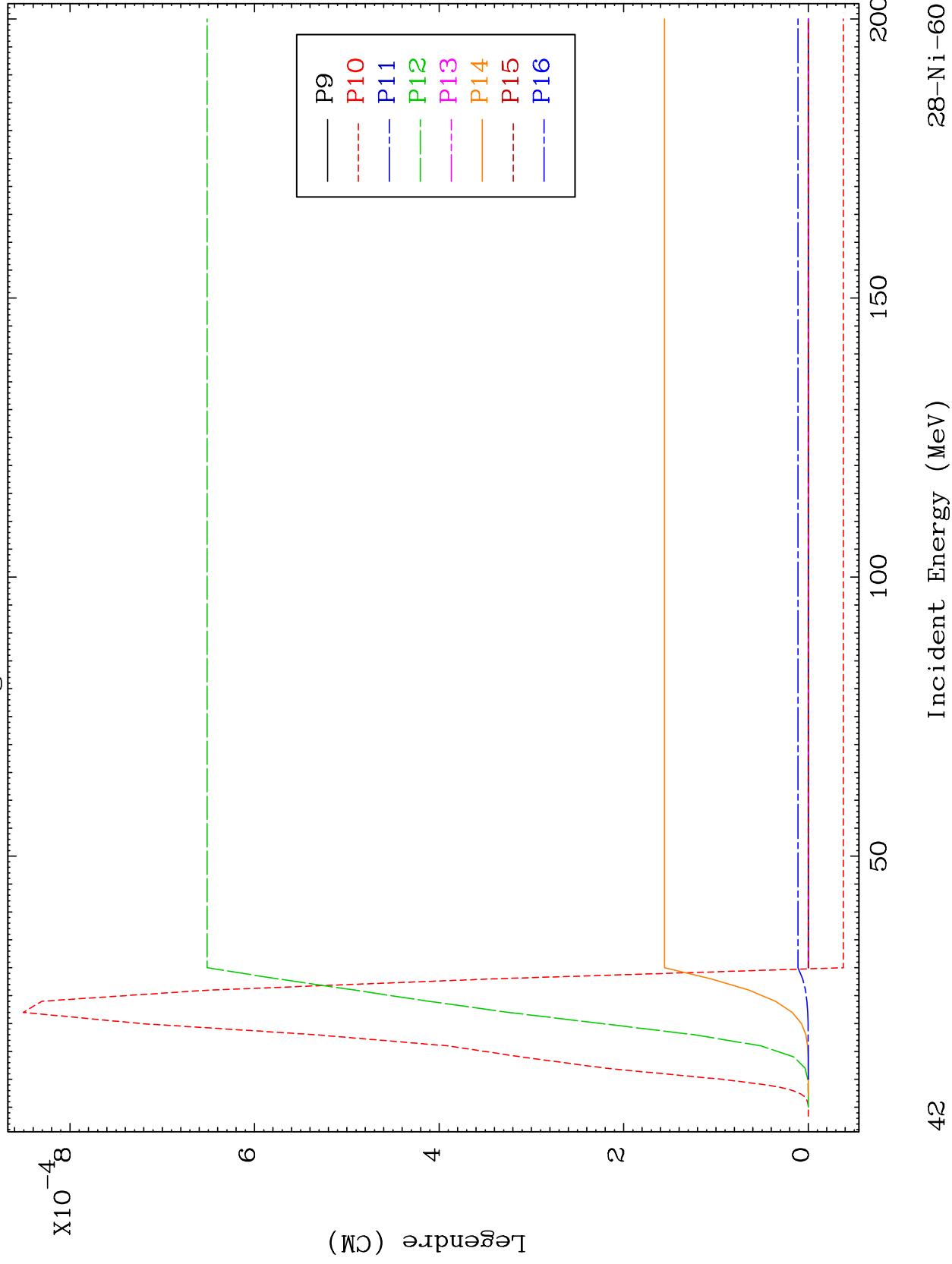




MAT 2831

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

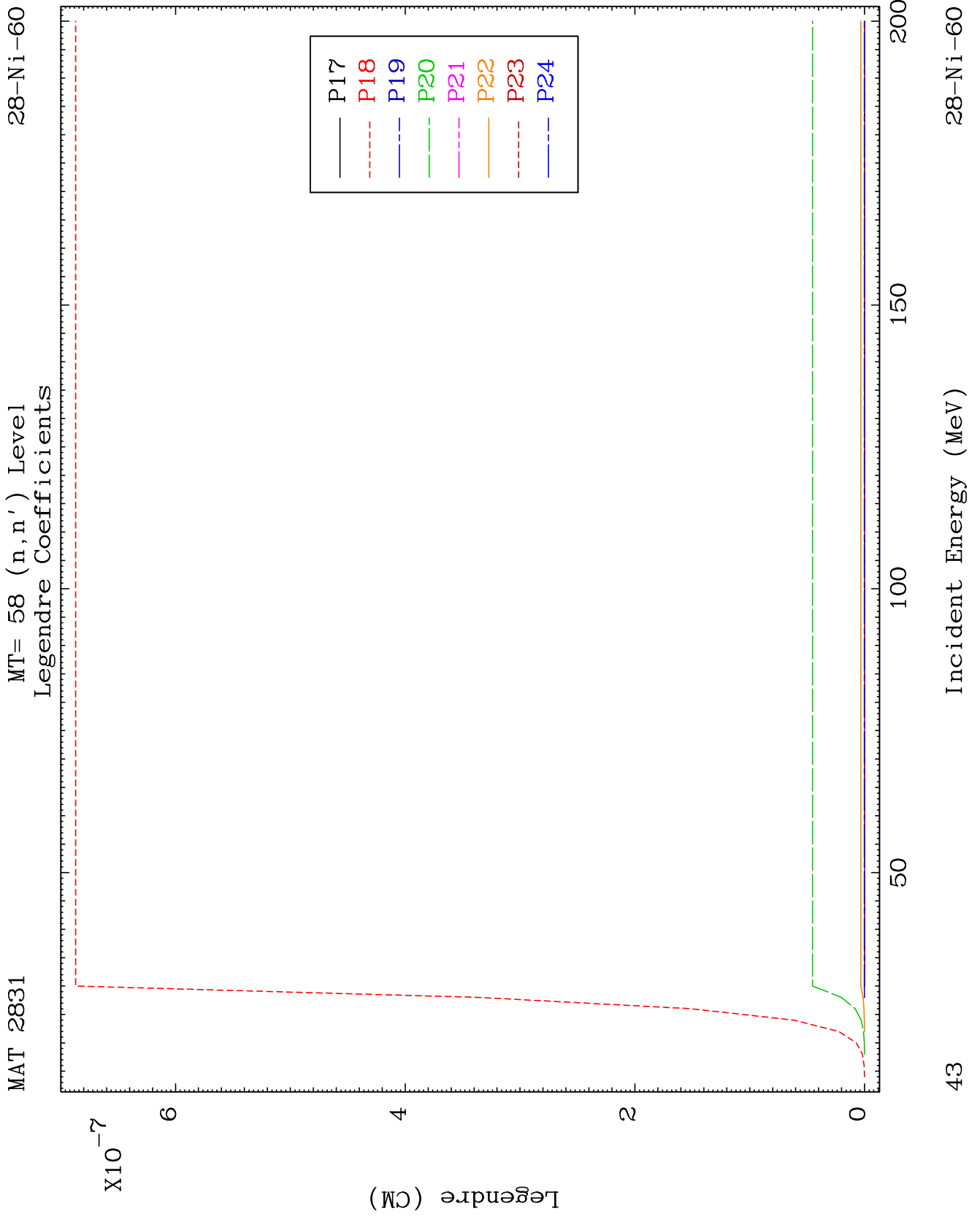
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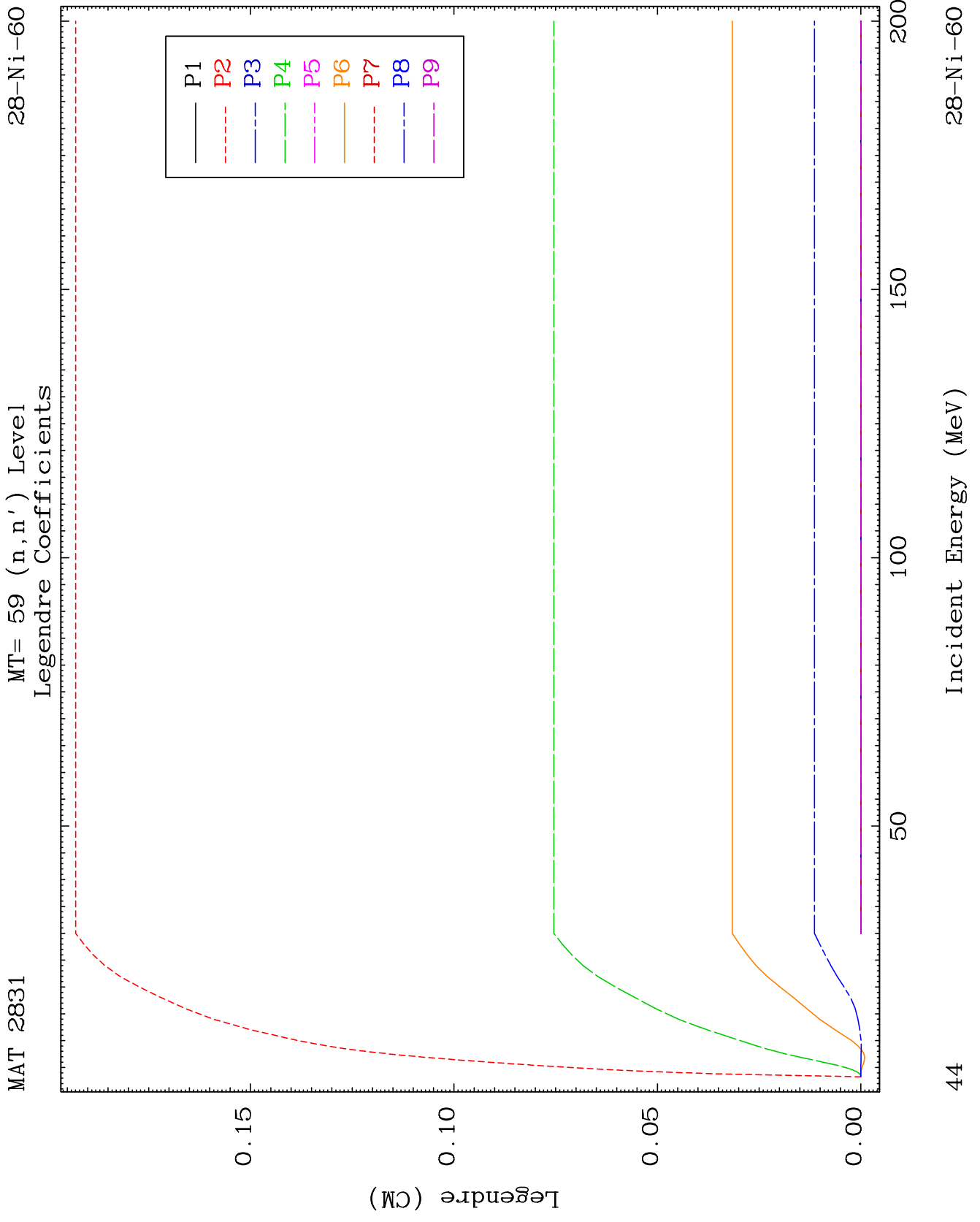


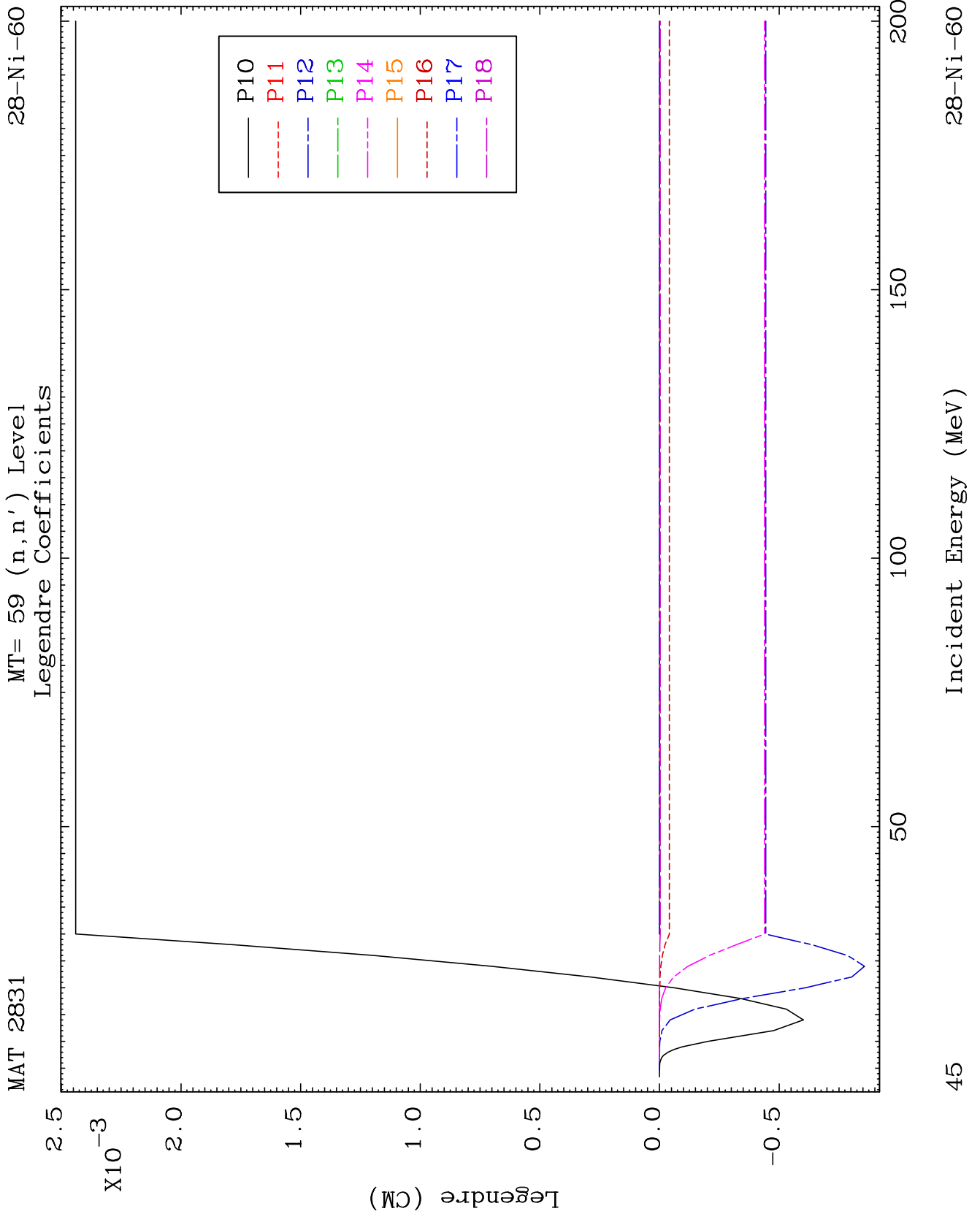
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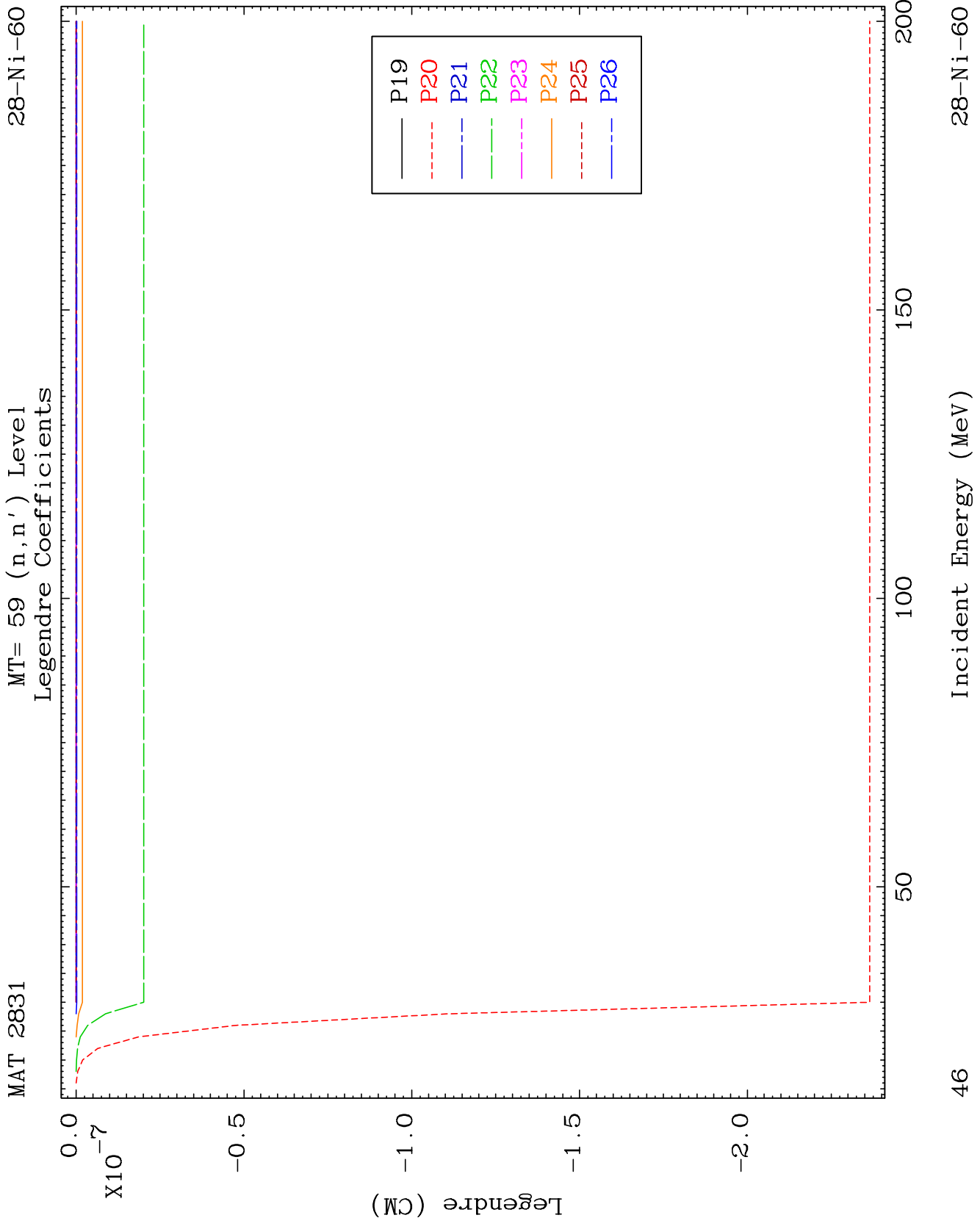
Incident Energy (MeV)

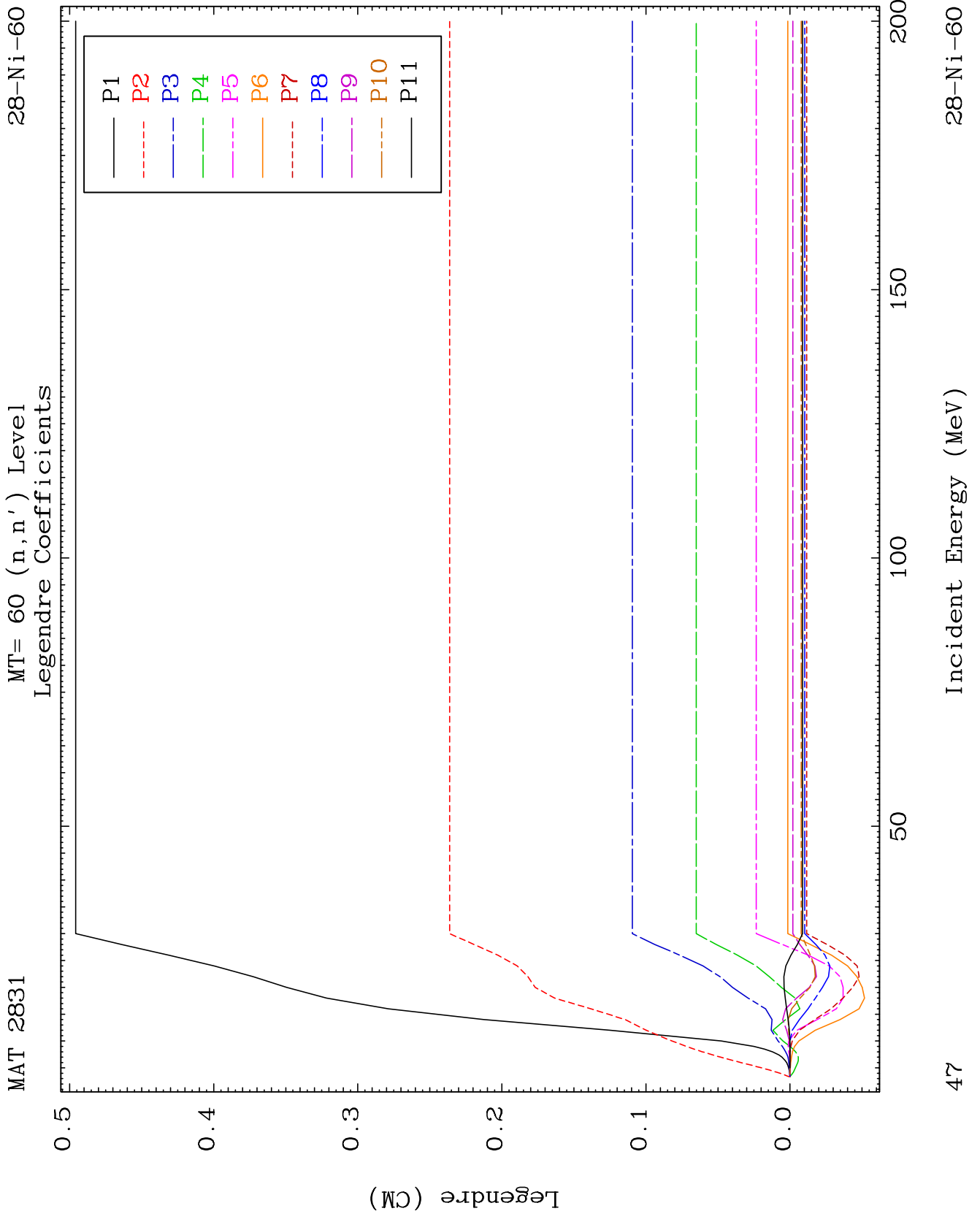
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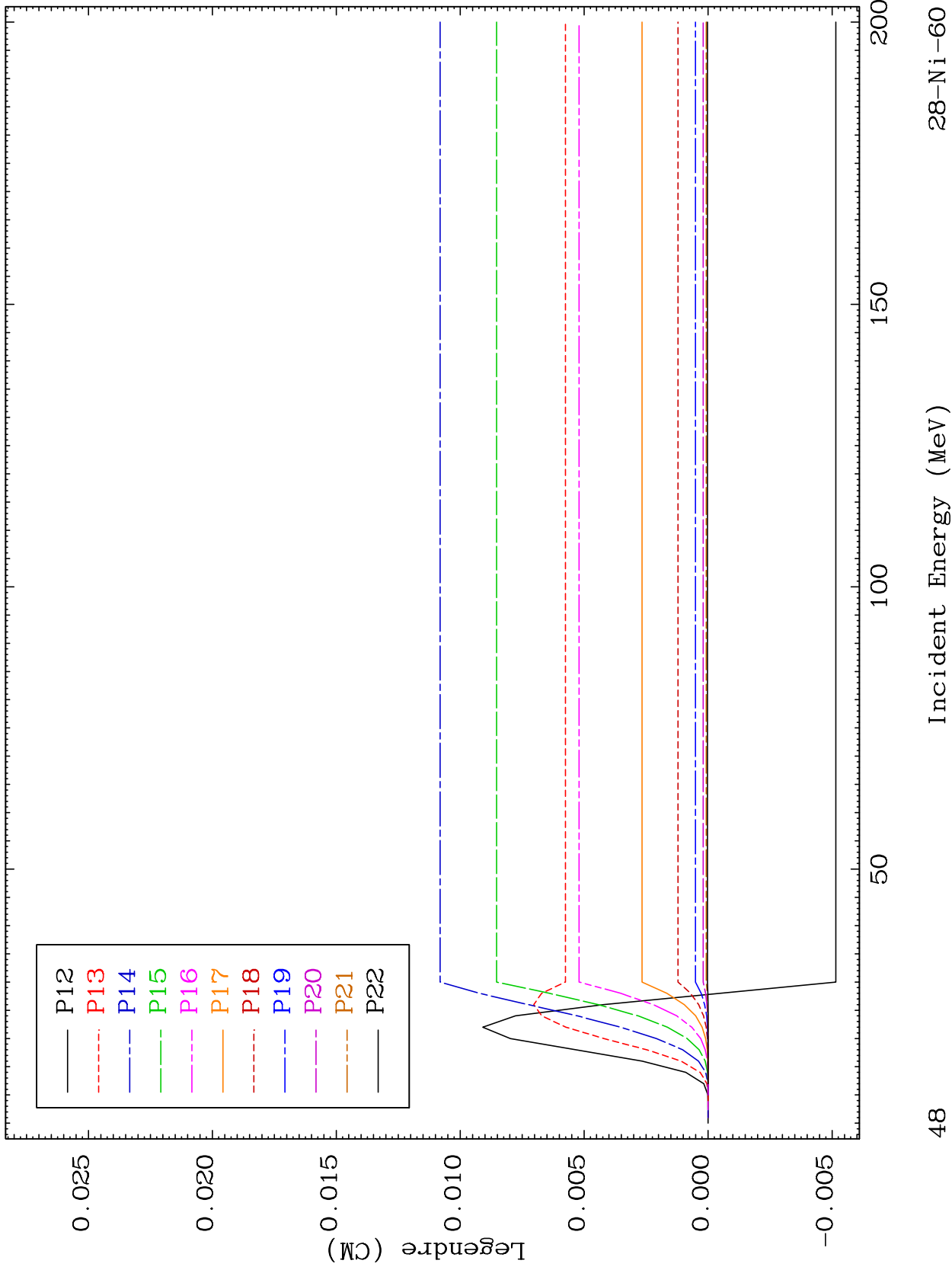


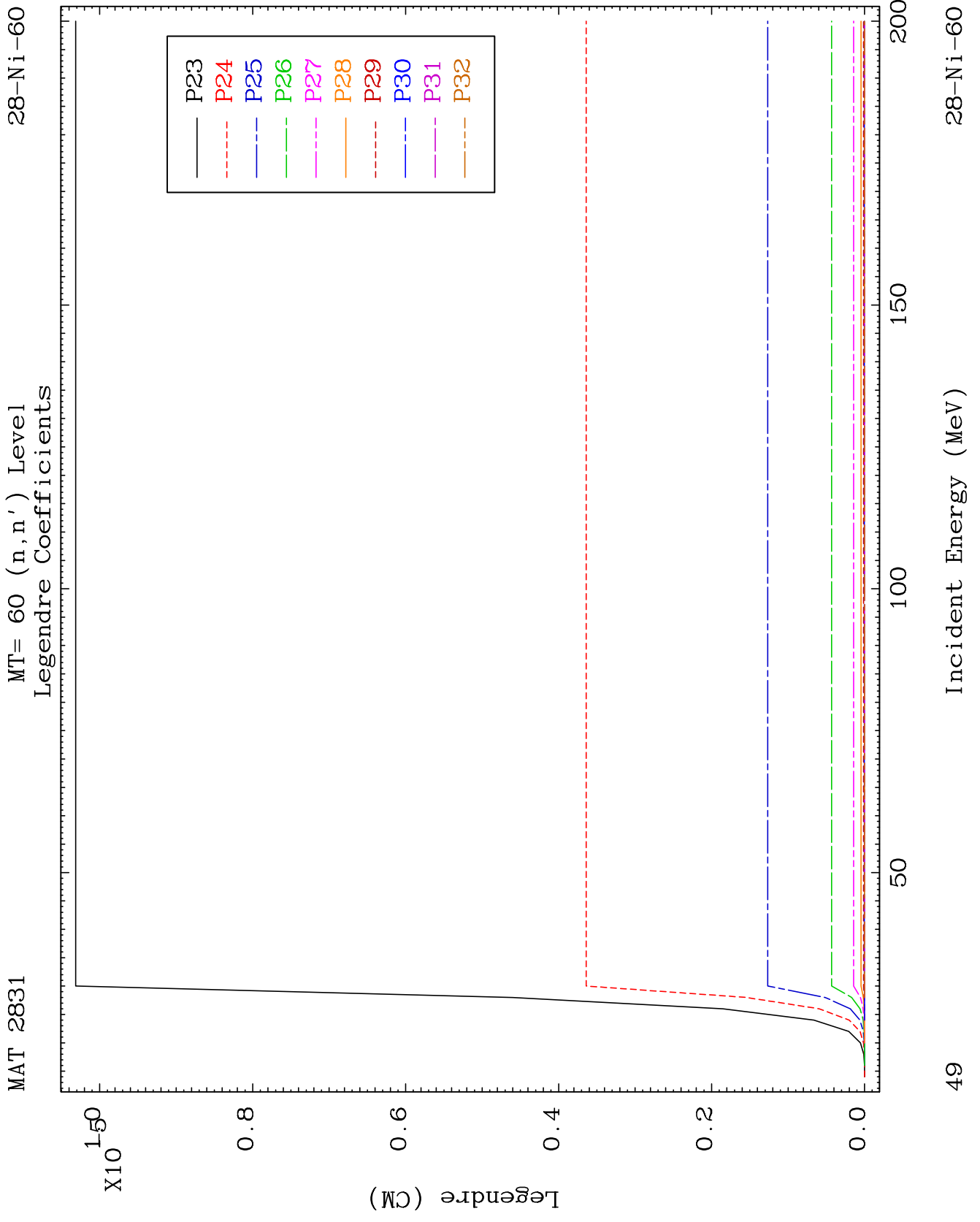


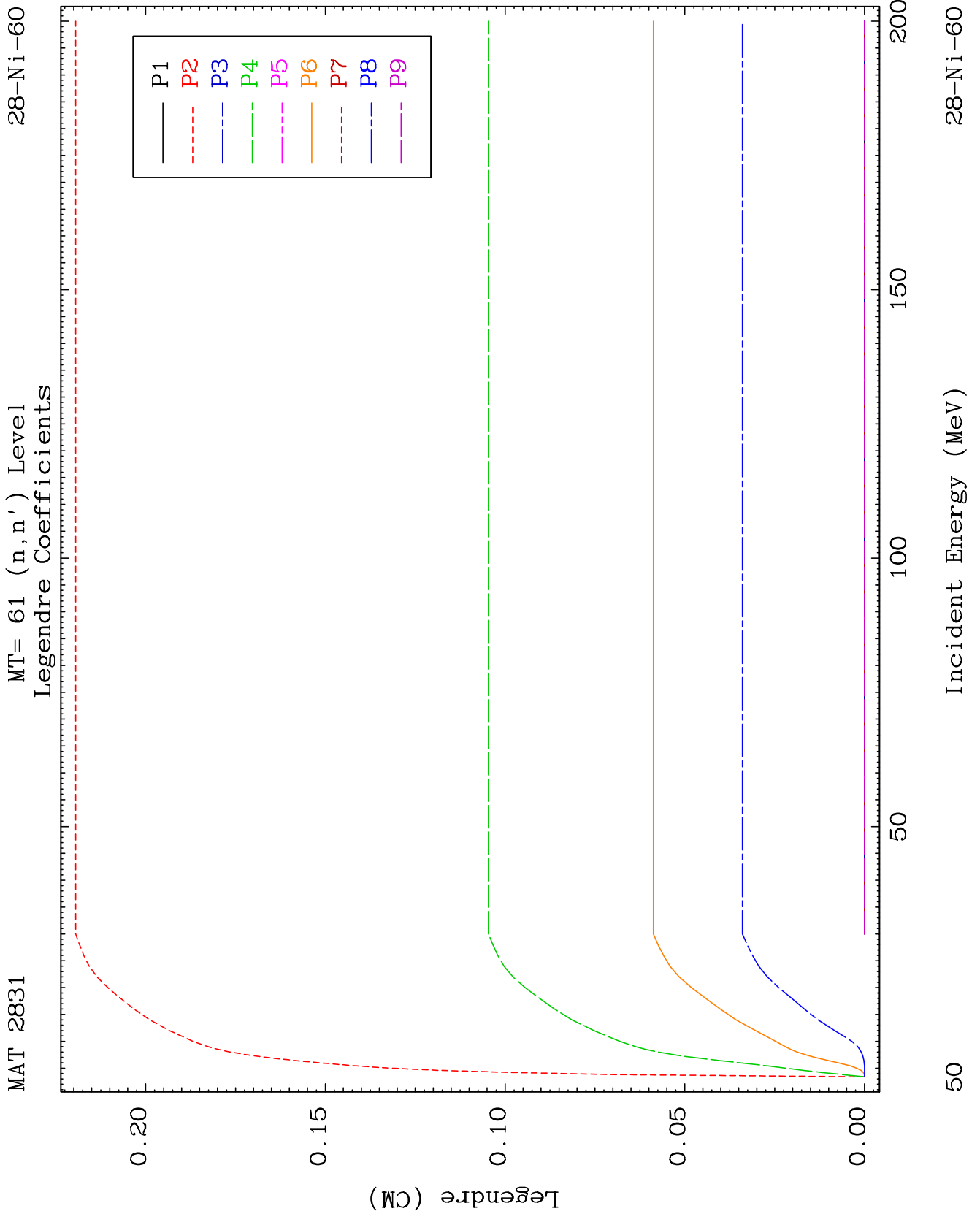
MAT 2831

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

28-Ni-60



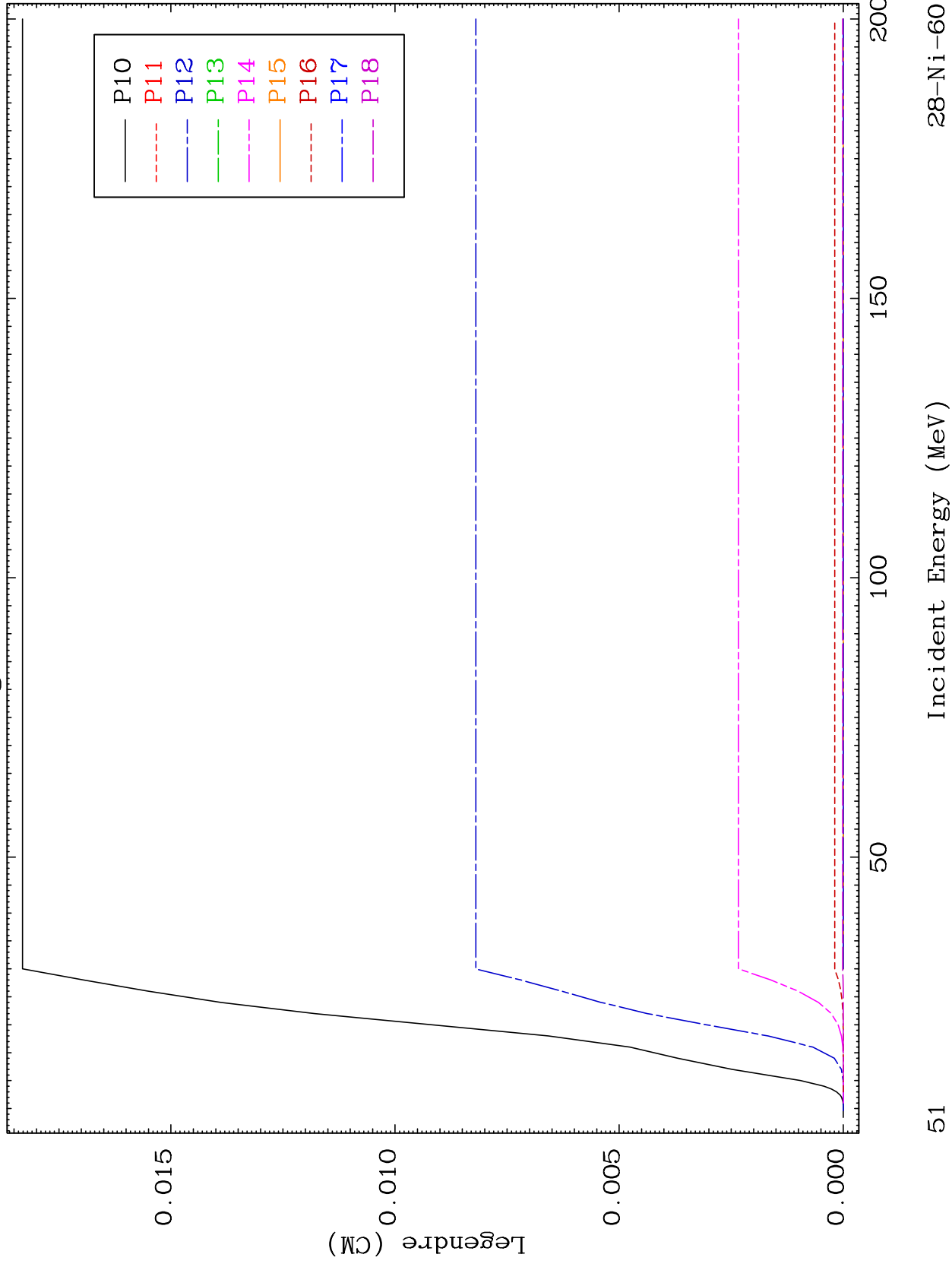




MAT 2831

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

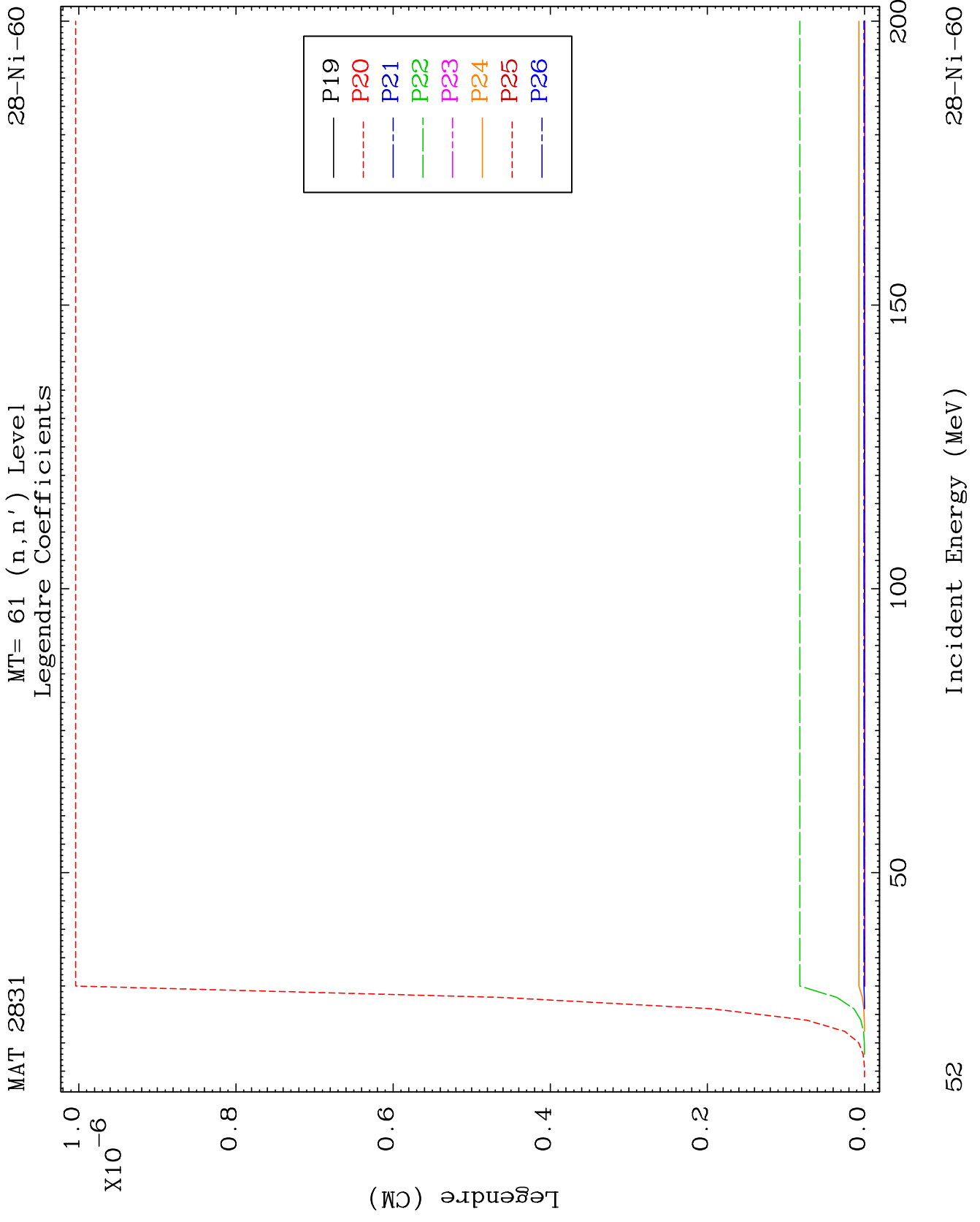
28-Ni-60



51

Incident Energy (MeV)

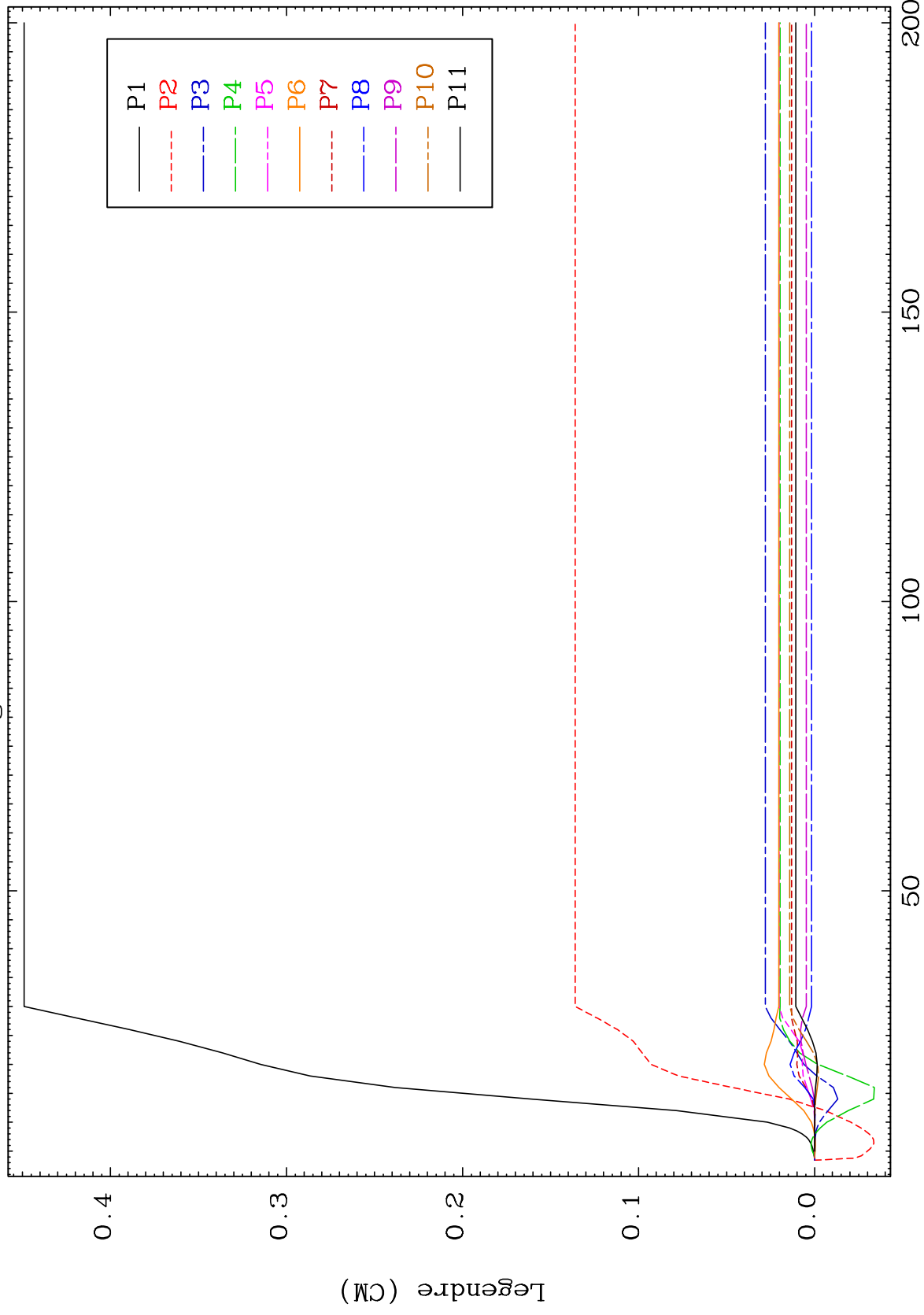
28-Ni-60



MAT 2831

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

28-Ni-60



53

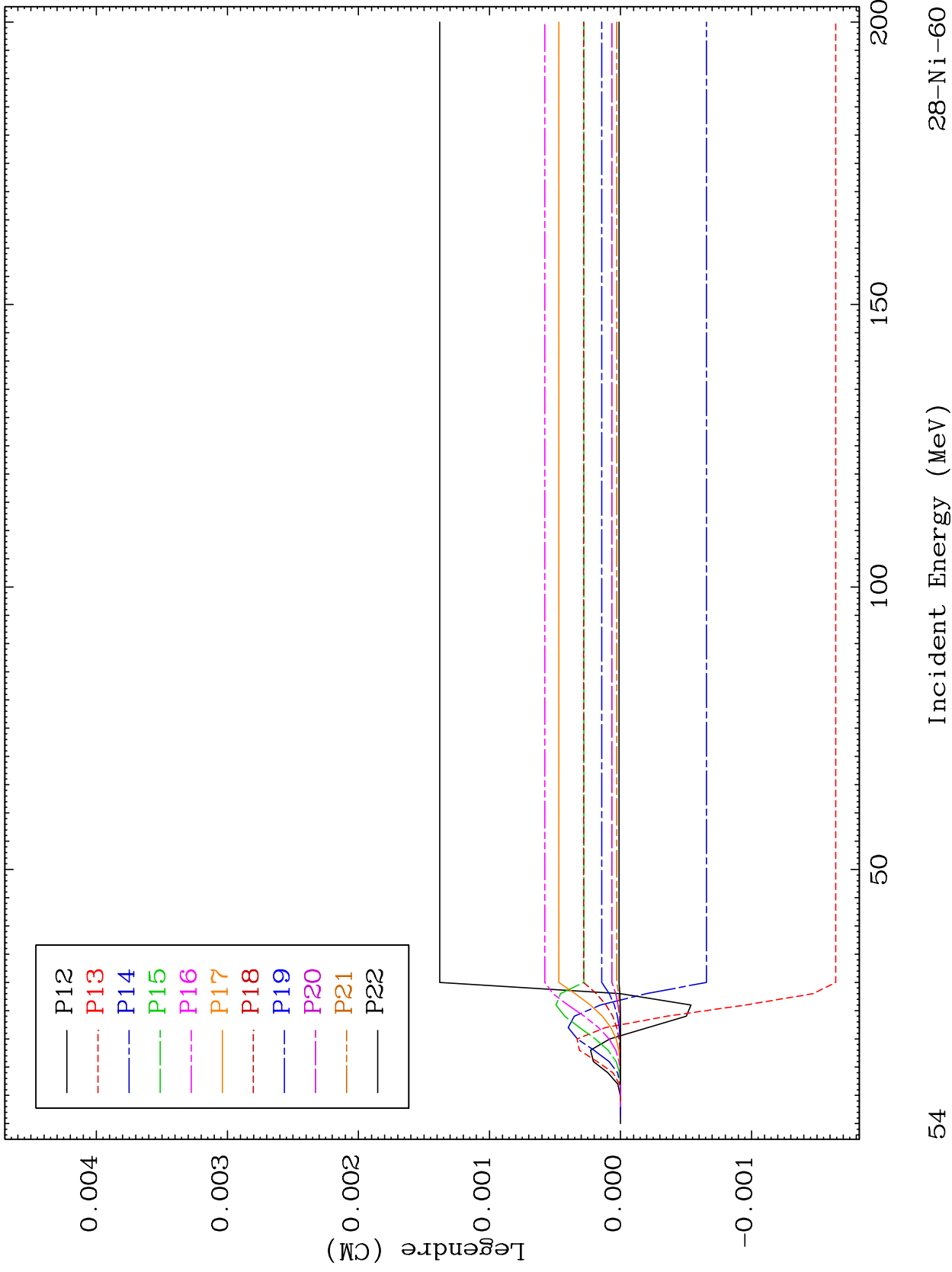
Incident Energy (MeV)

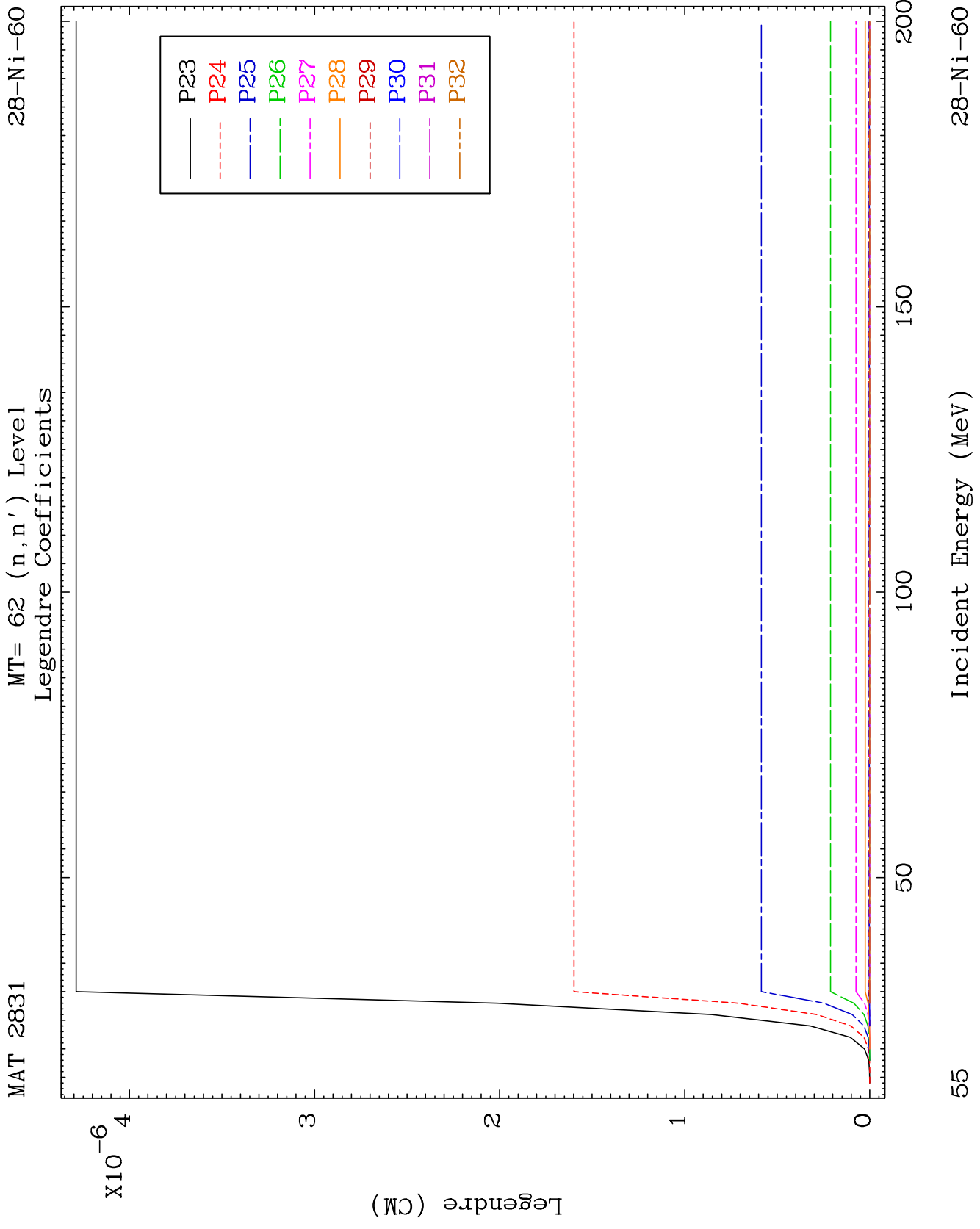
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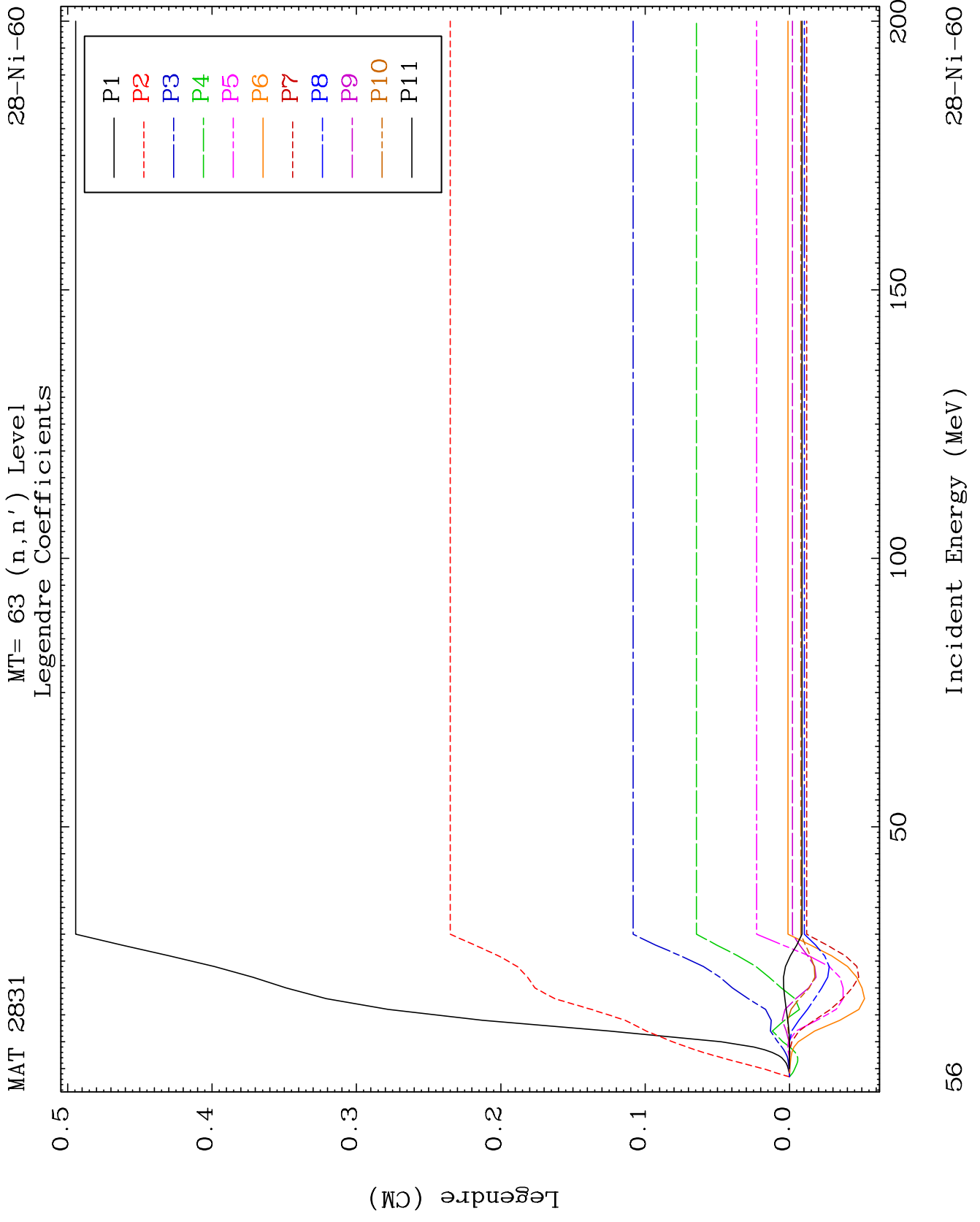
MAT 2831

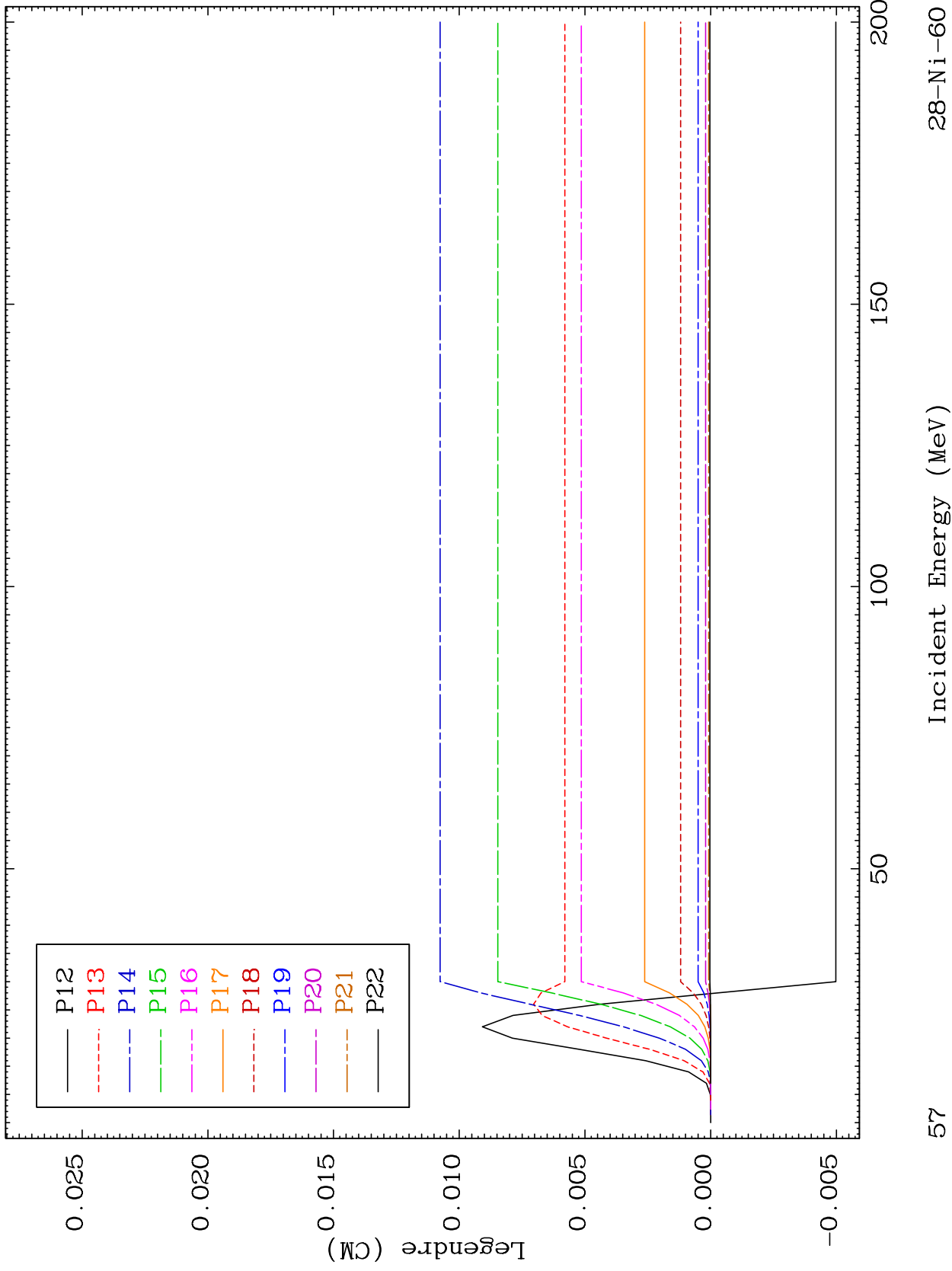
MT= 62 (n,n') Level
Legendre Coefficients

28-Ni-60





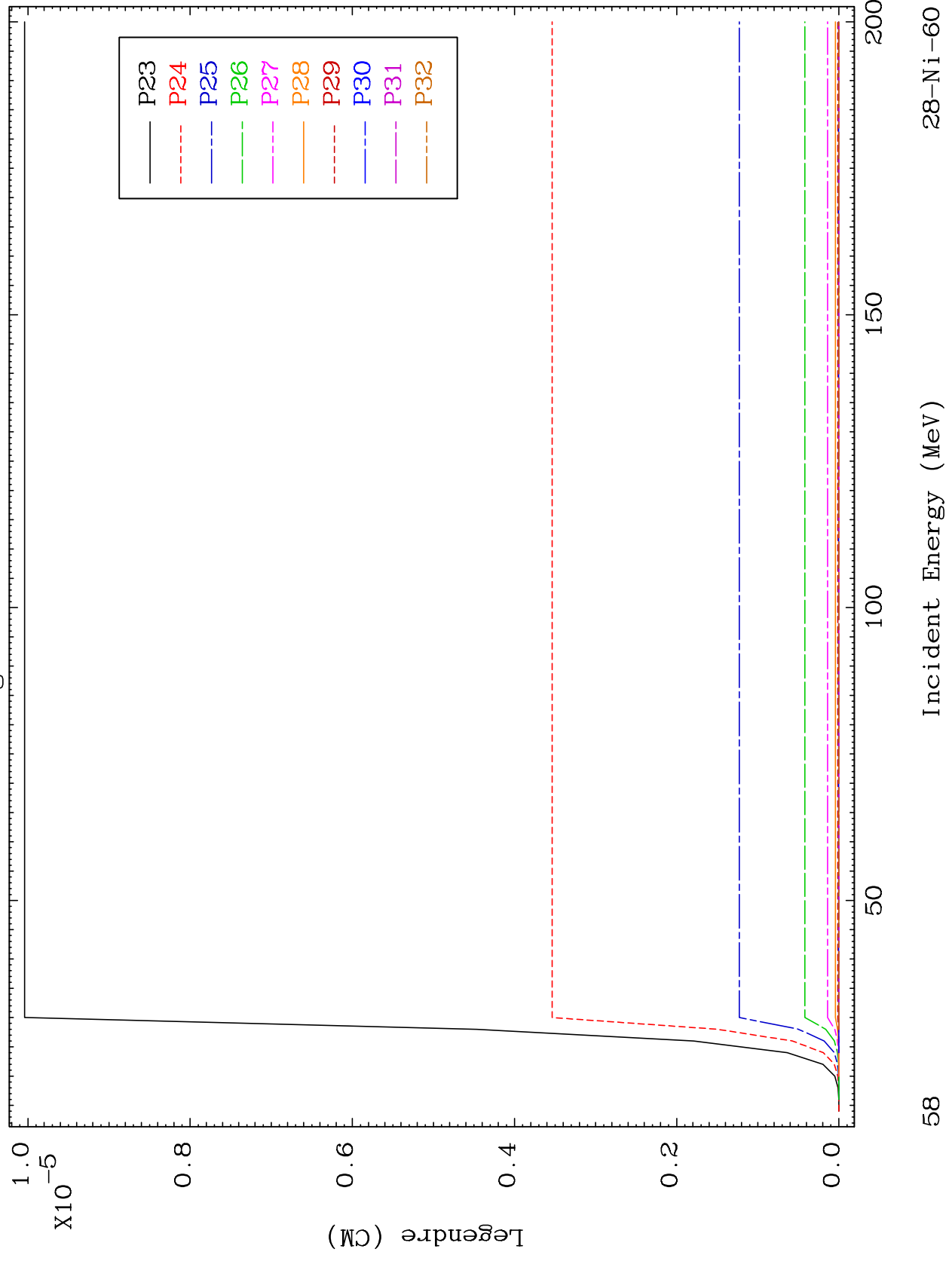




MAT 2831

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

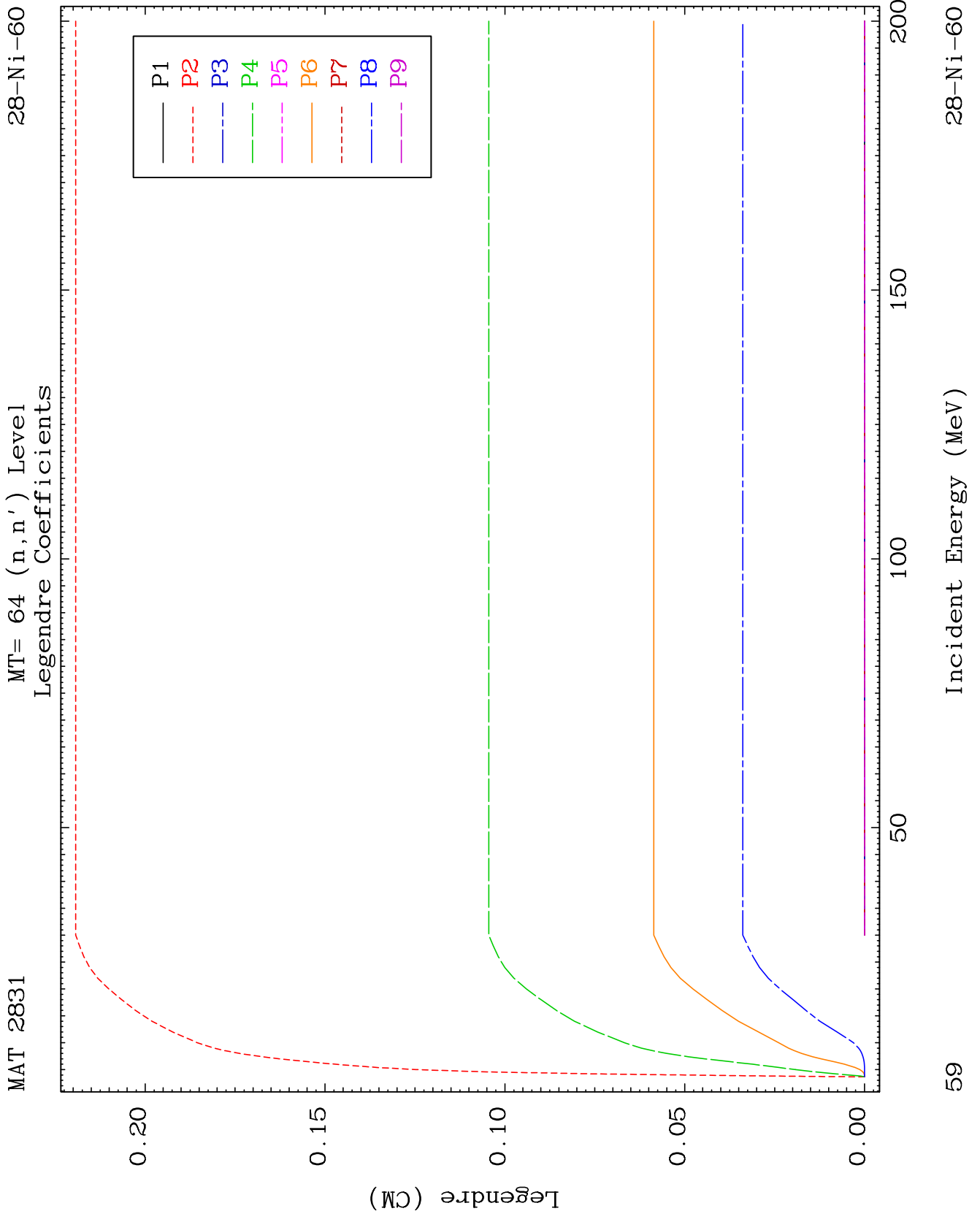
28-Ni-60



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Incident Energy (MeV)

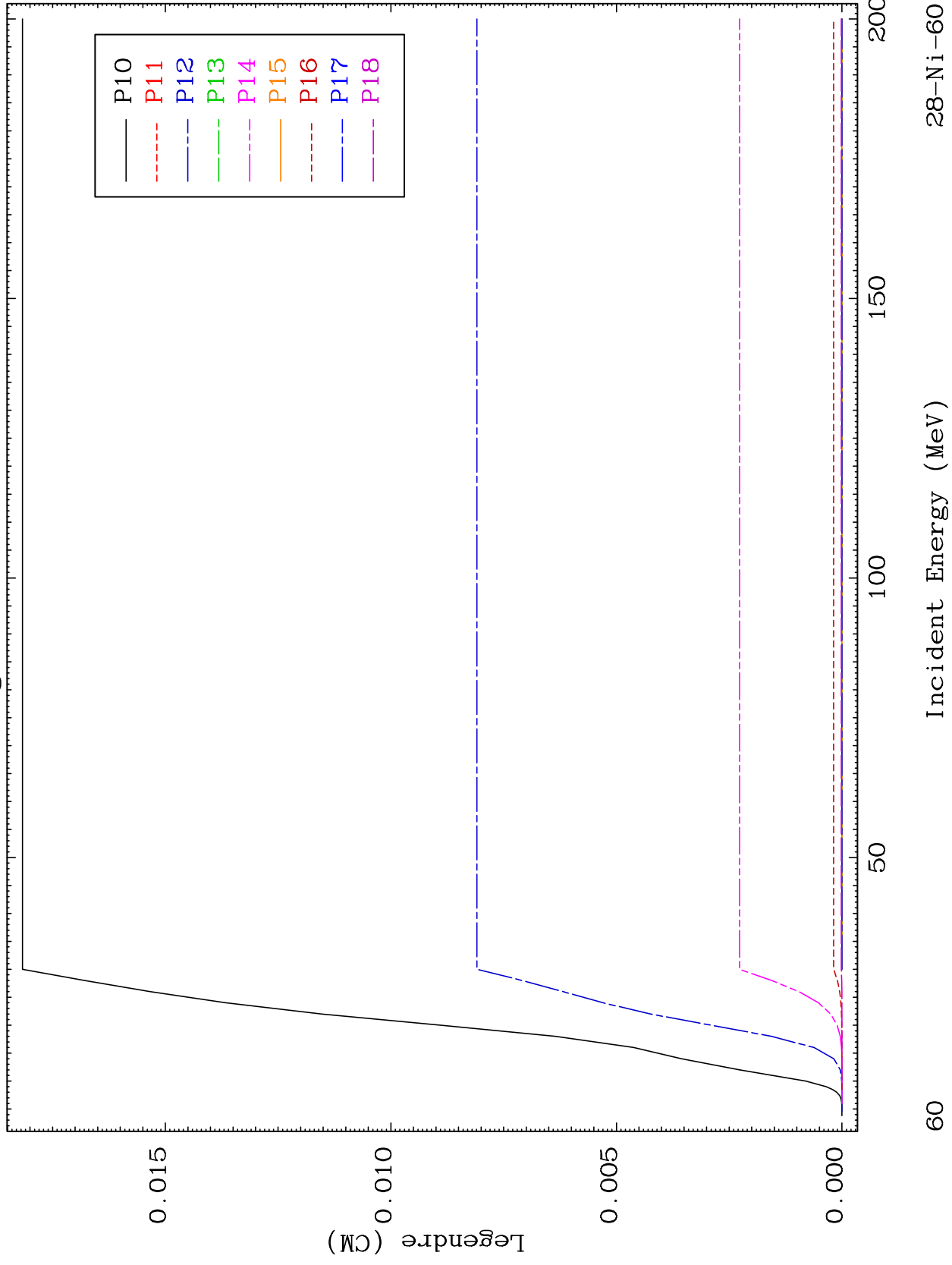
28-Ni-60



MAT 2831

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

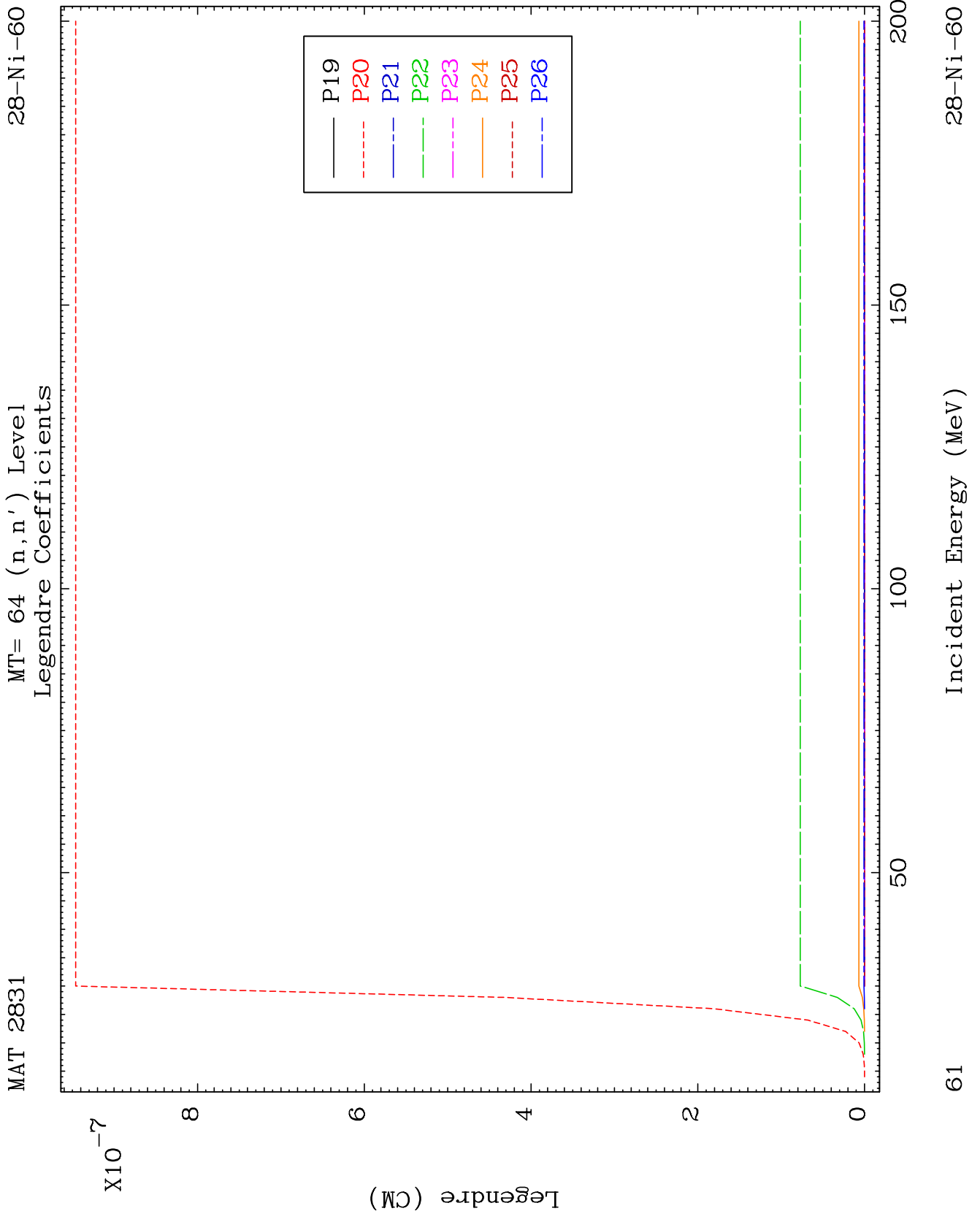
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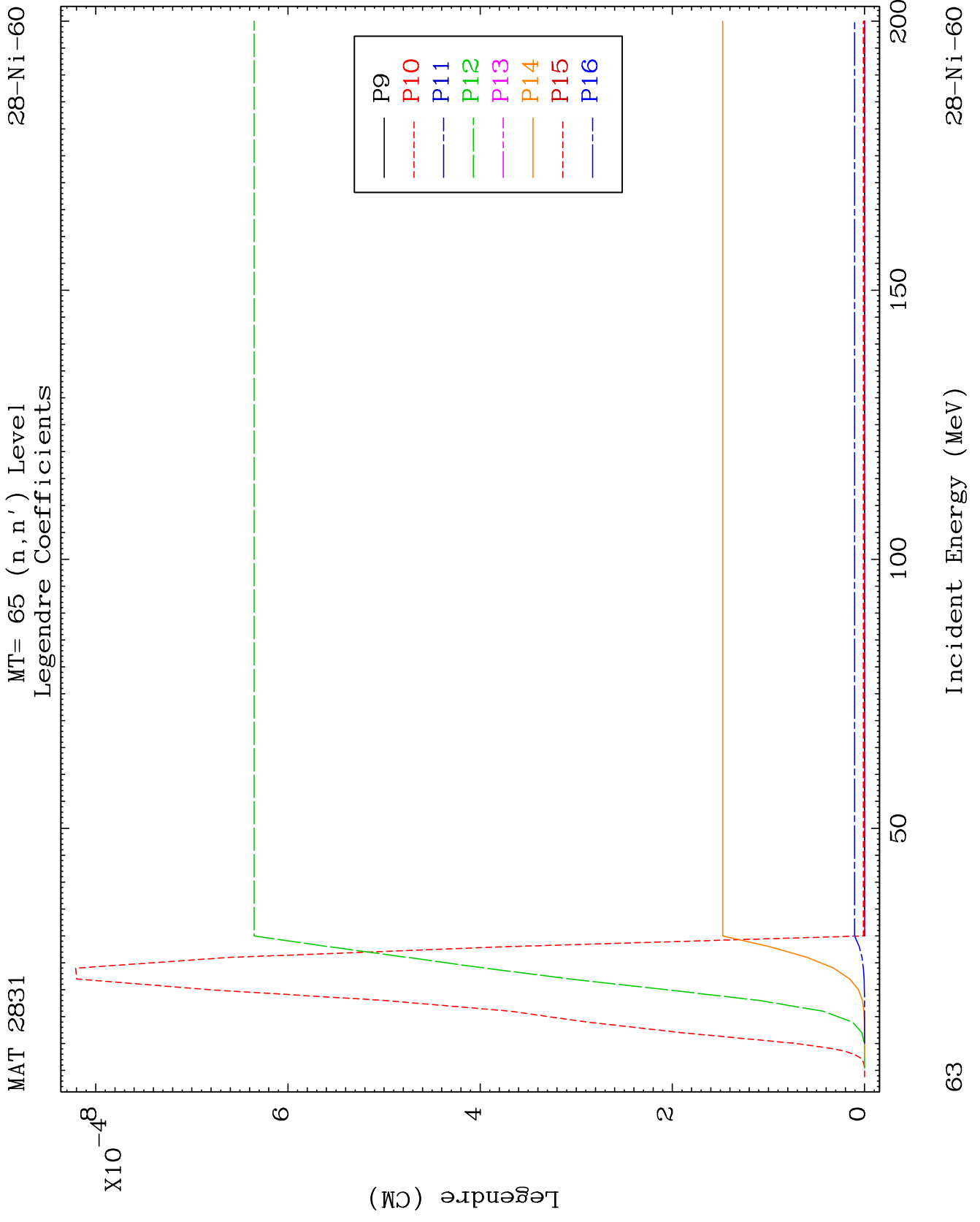


28-Ni-60

Incident Energy (MeV)

60

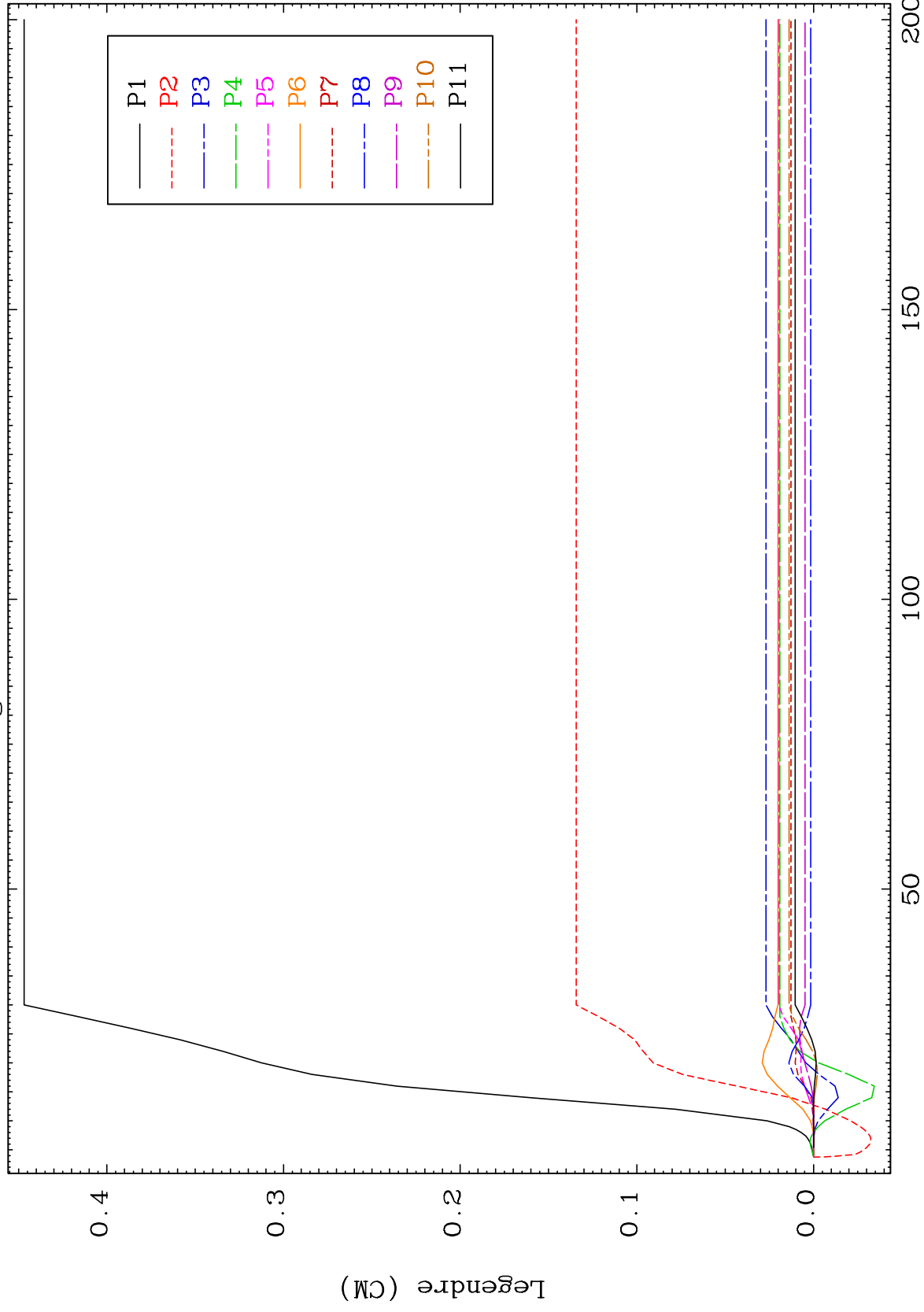




MAT 2831

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

28-Ni-60



65

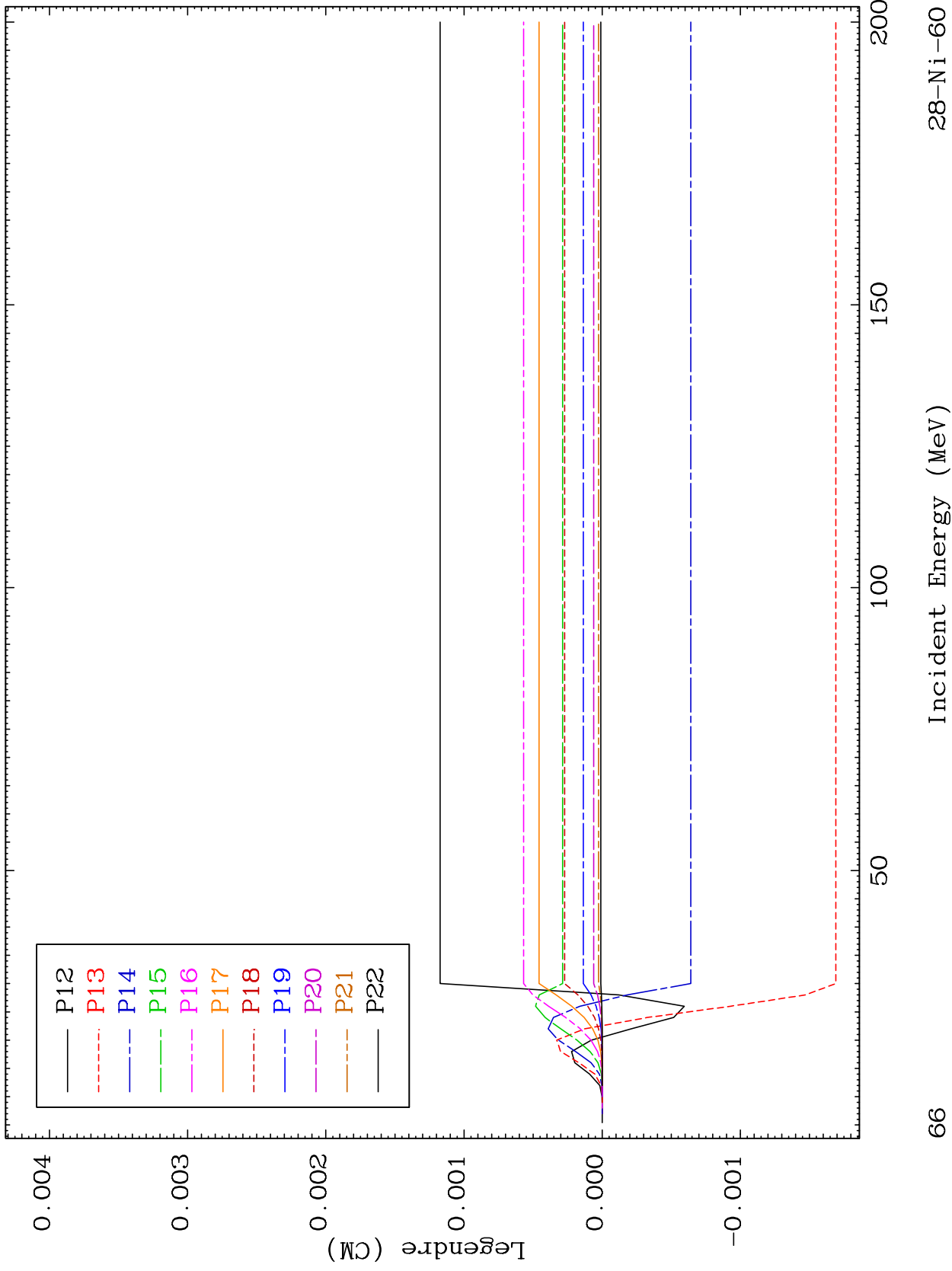
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

28-Ni-60



66

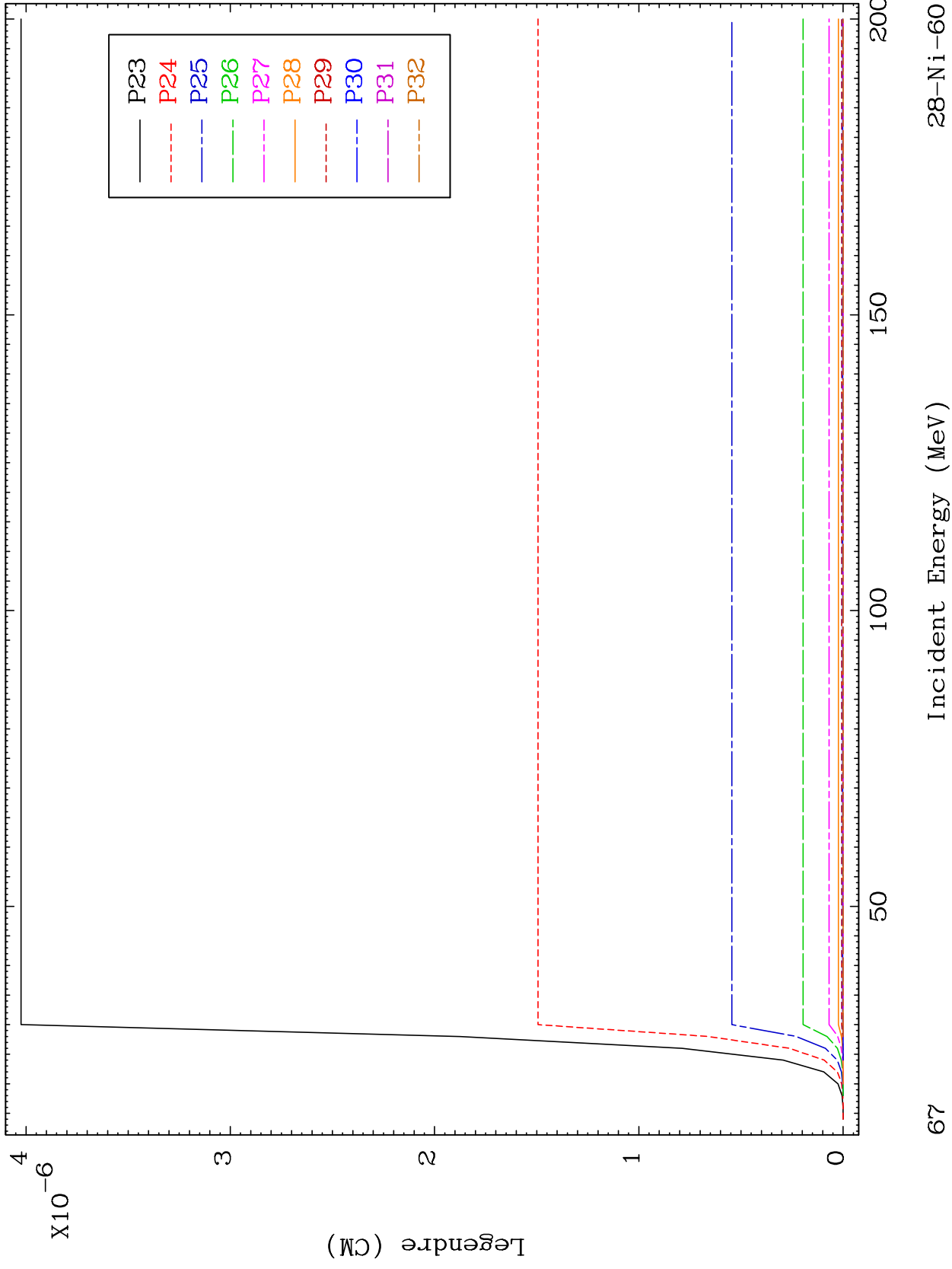
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

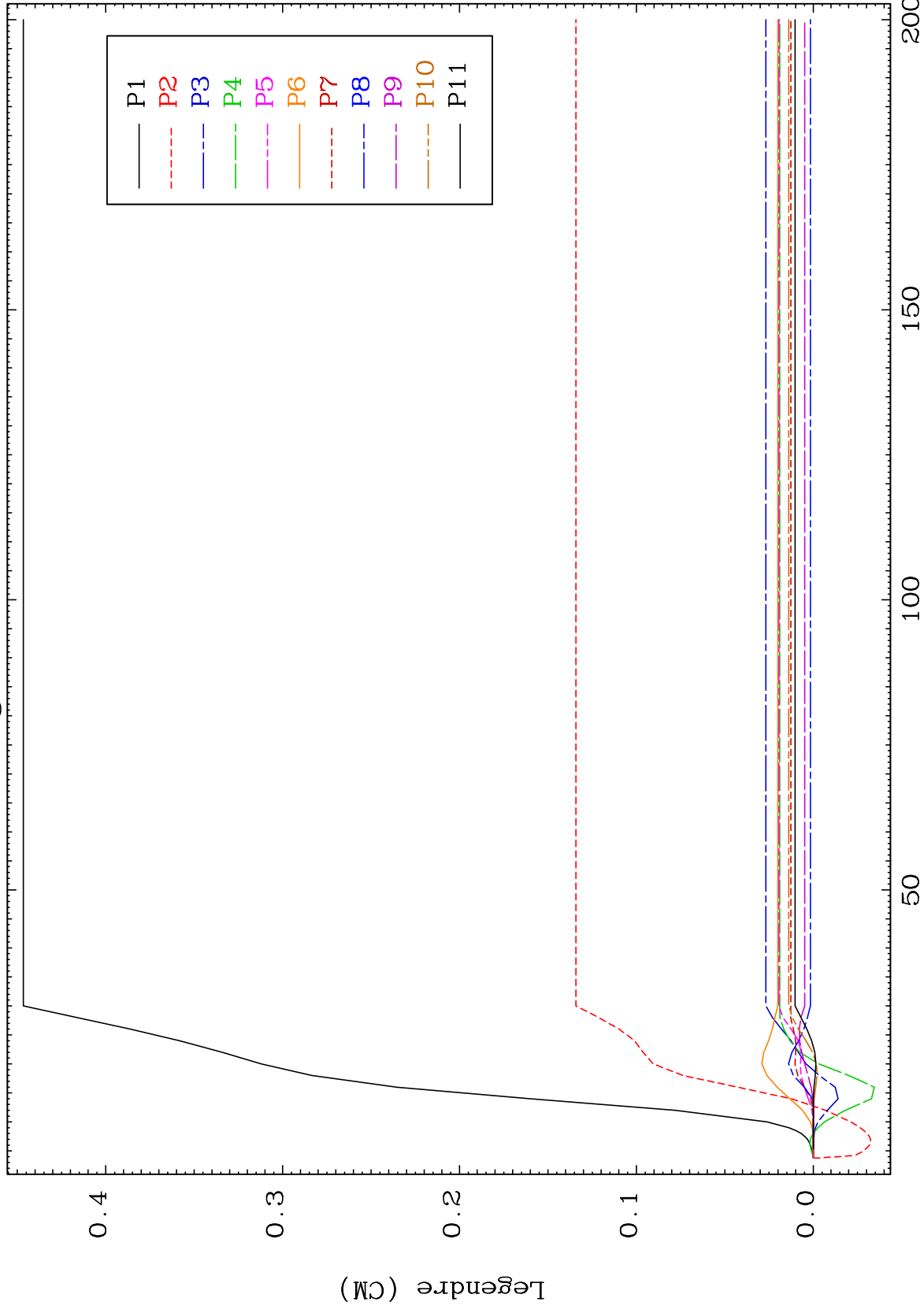
28-Ni-60



MAT 2831

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

28-Ni-60



68

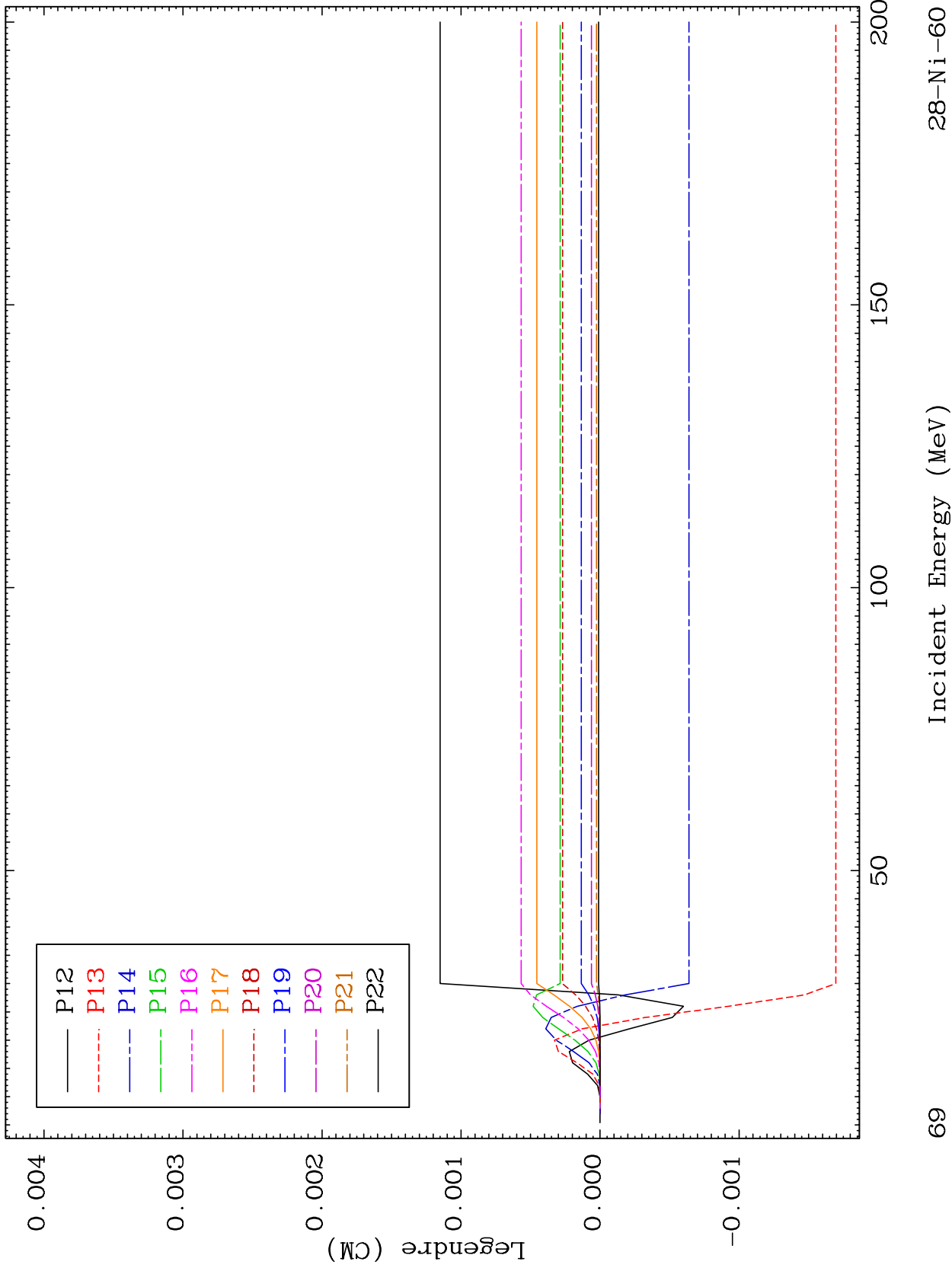
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

28-Ni-60



69

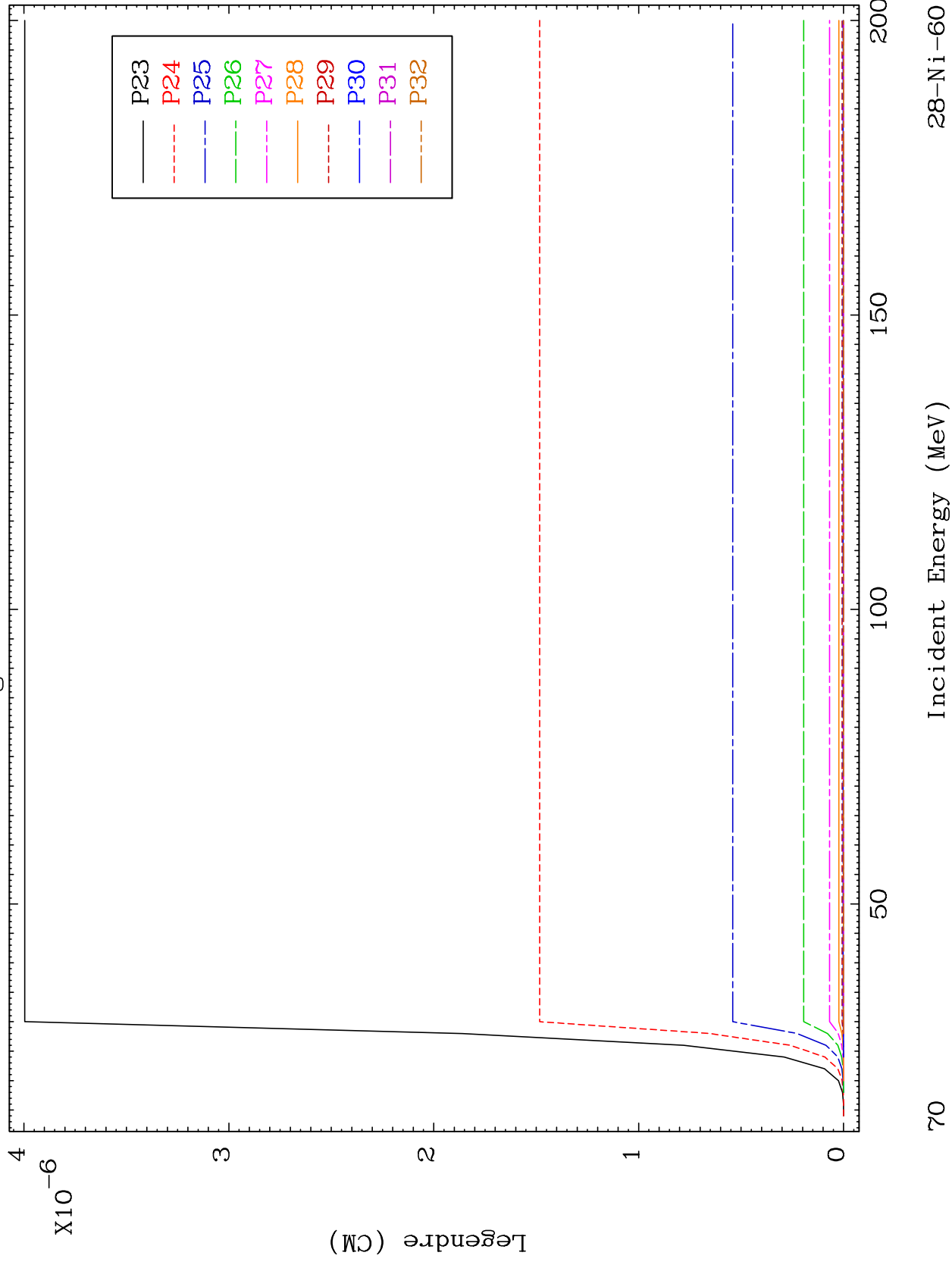
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

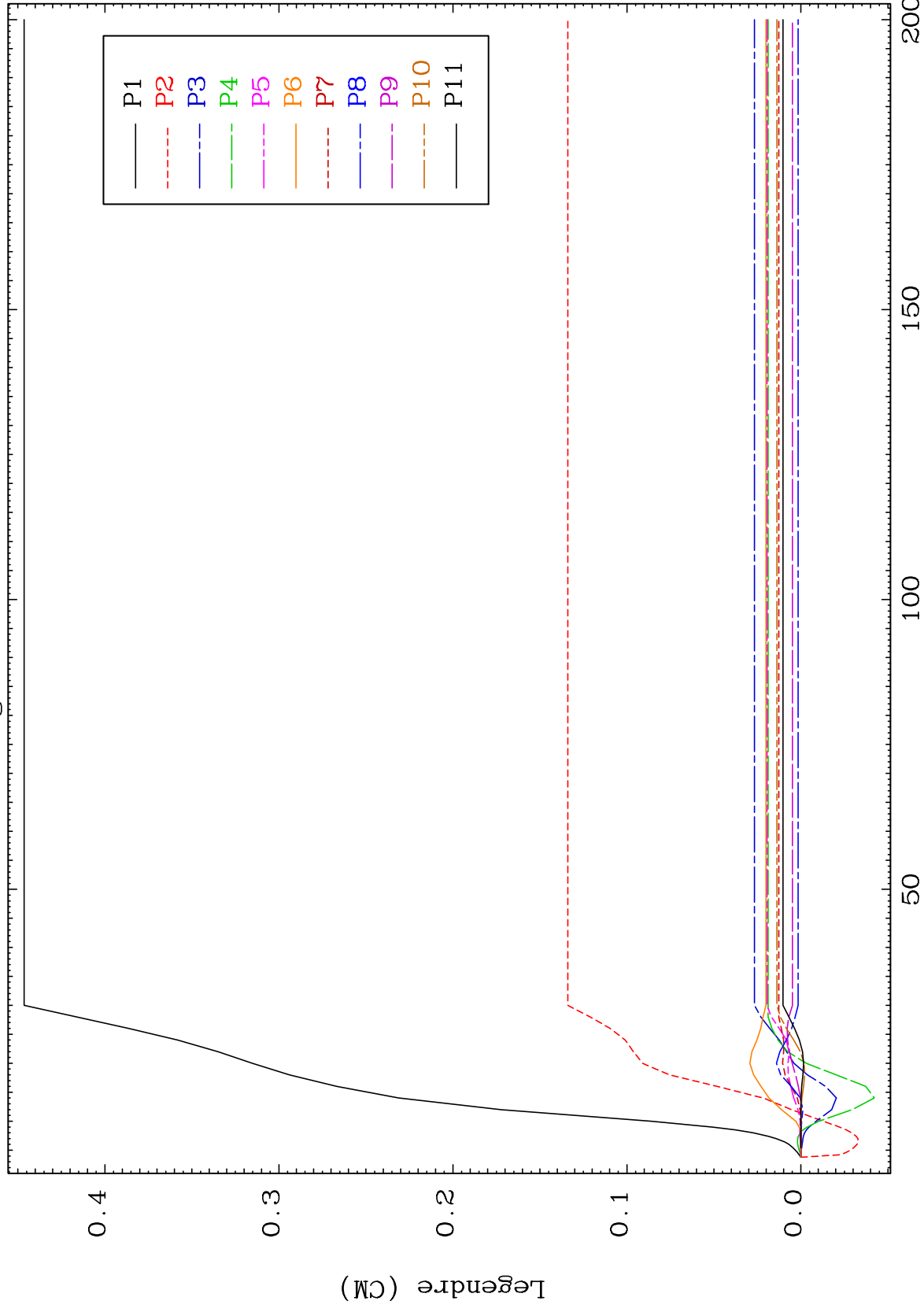
28-Ni-60



MAT 2831

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

28-Ni-60



71

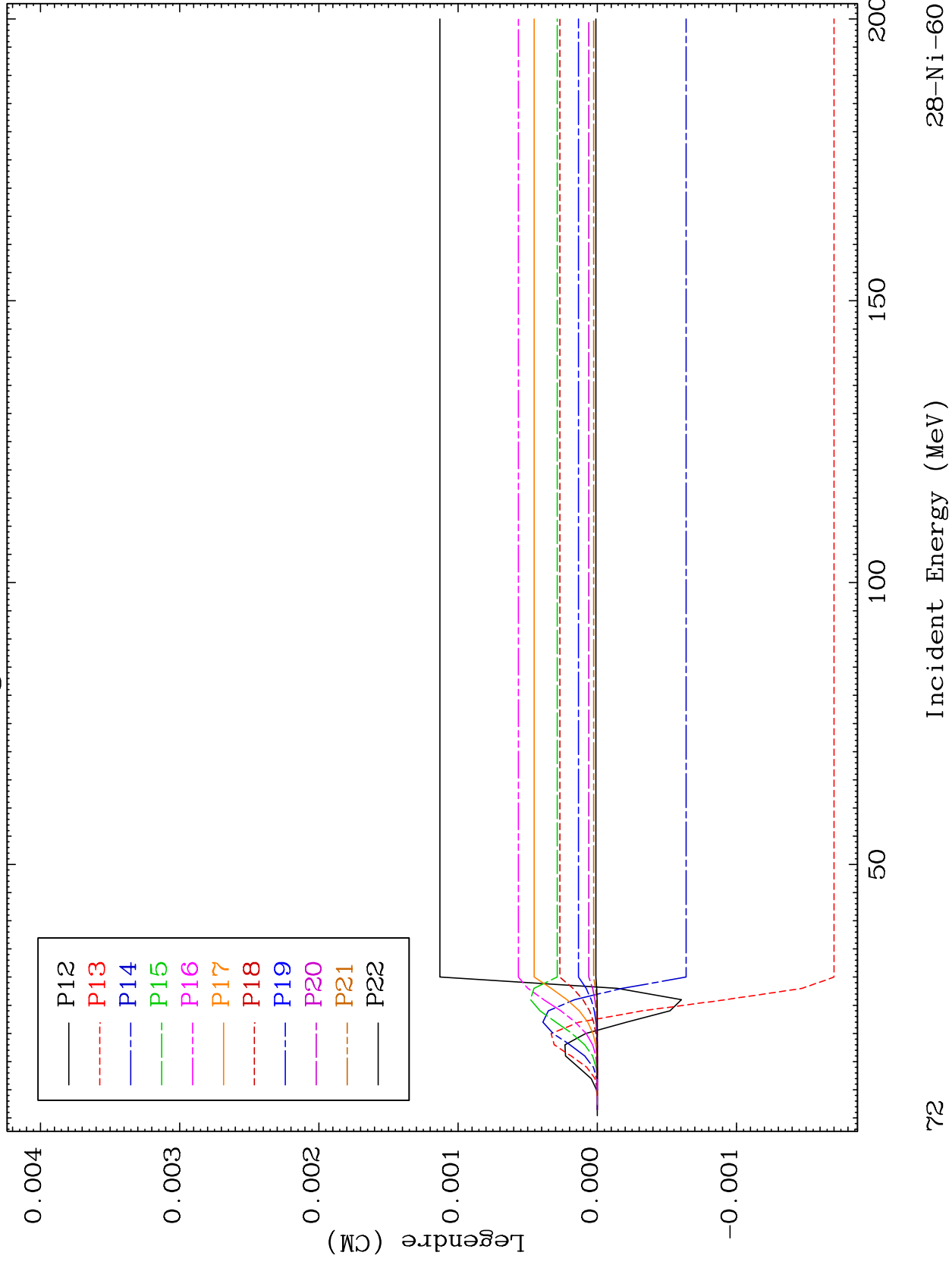
Incident Energy (MeV)

28-Ni-60

MAT 2831

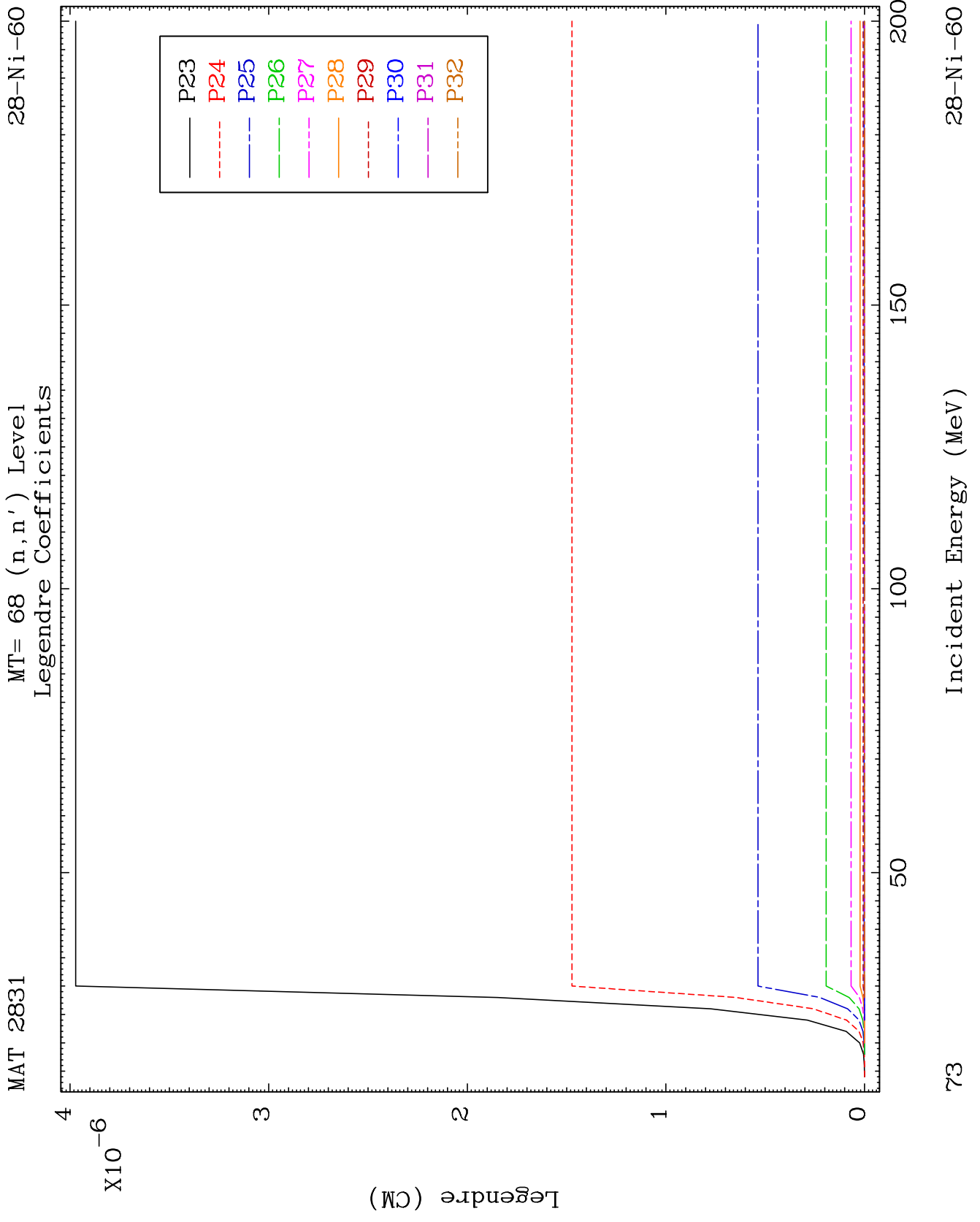
MT= 68 (n,n') Level
Legendre Coefficients

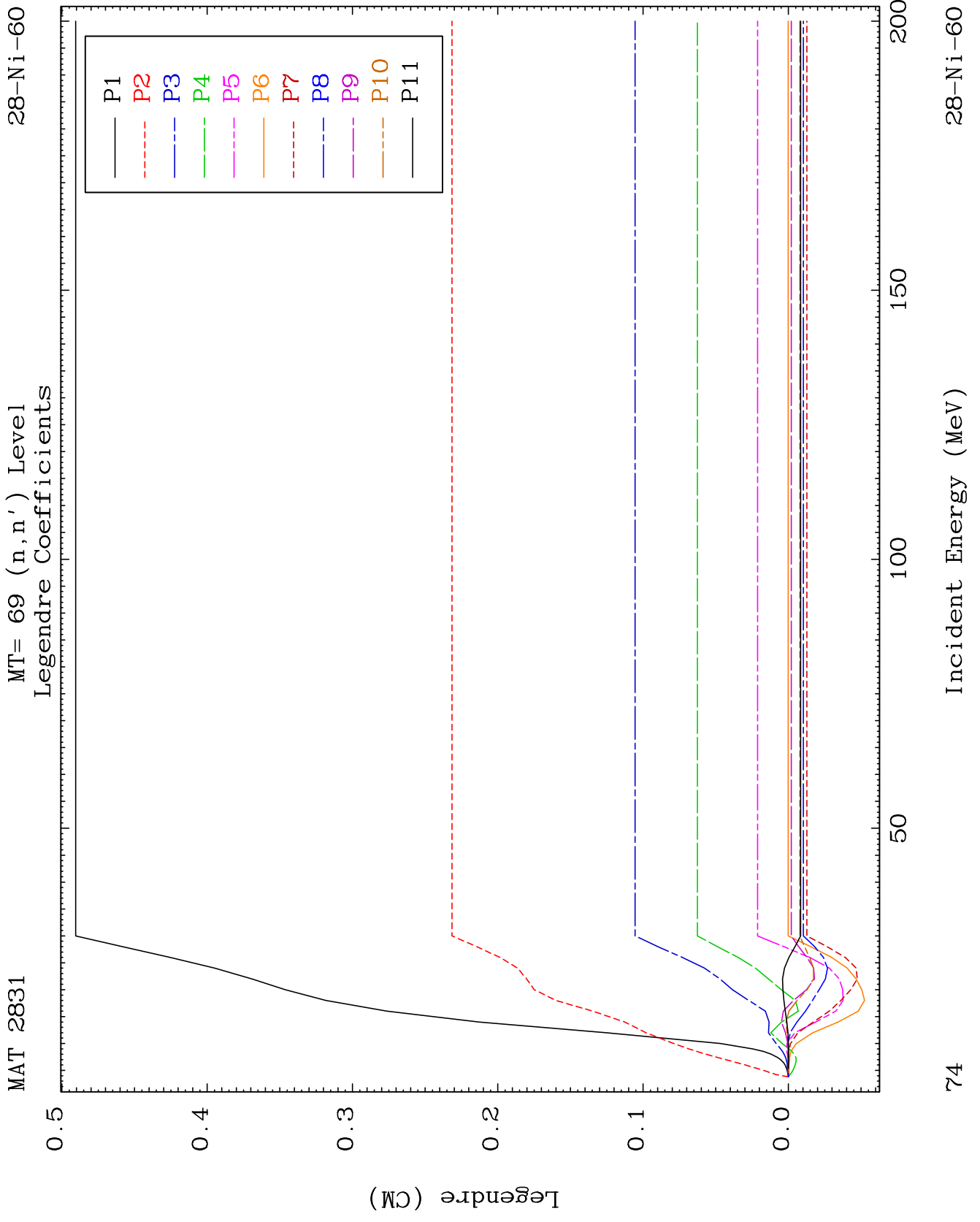
28-Ni-60



72

28-Ni-60

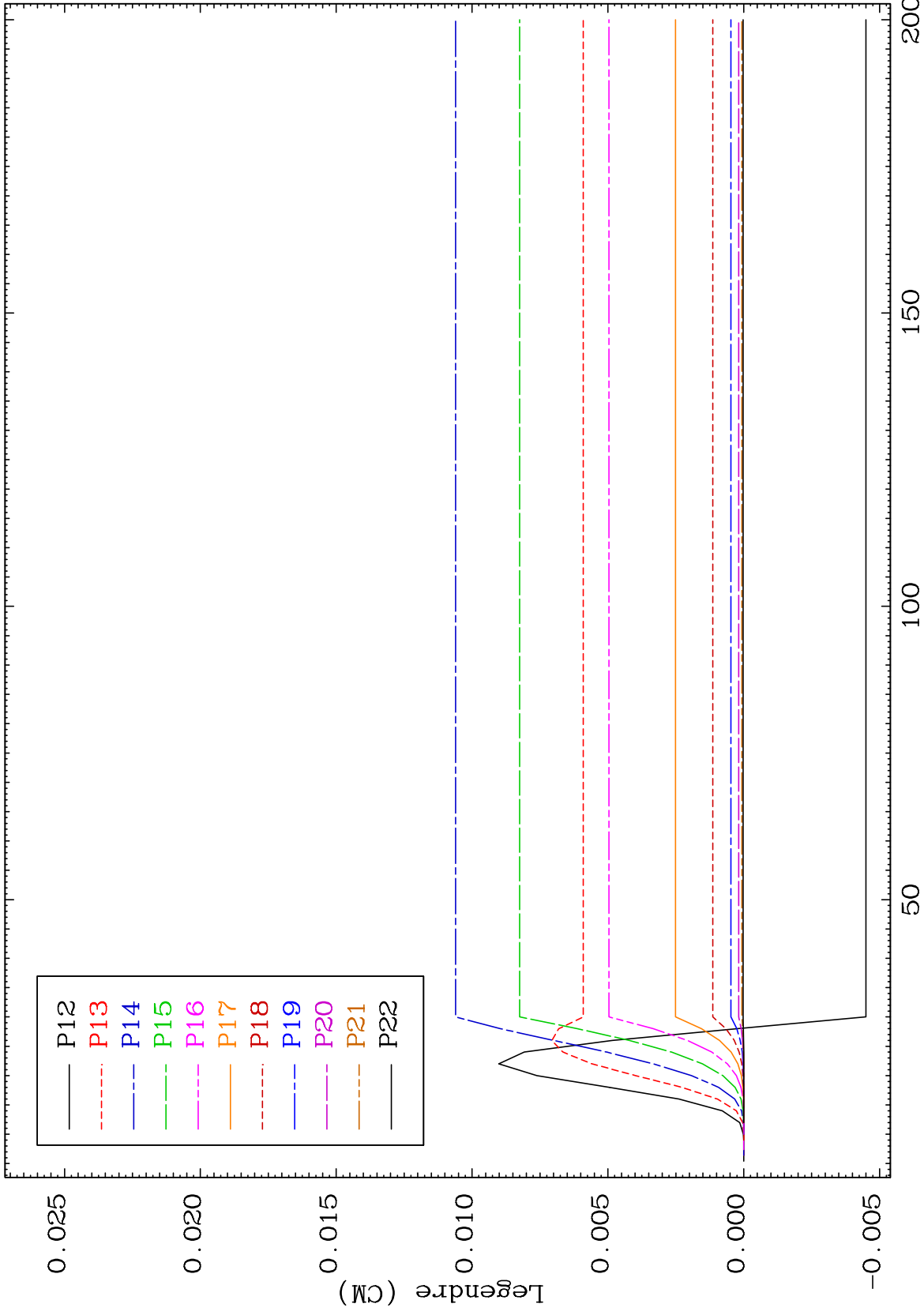




MAT 2831

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

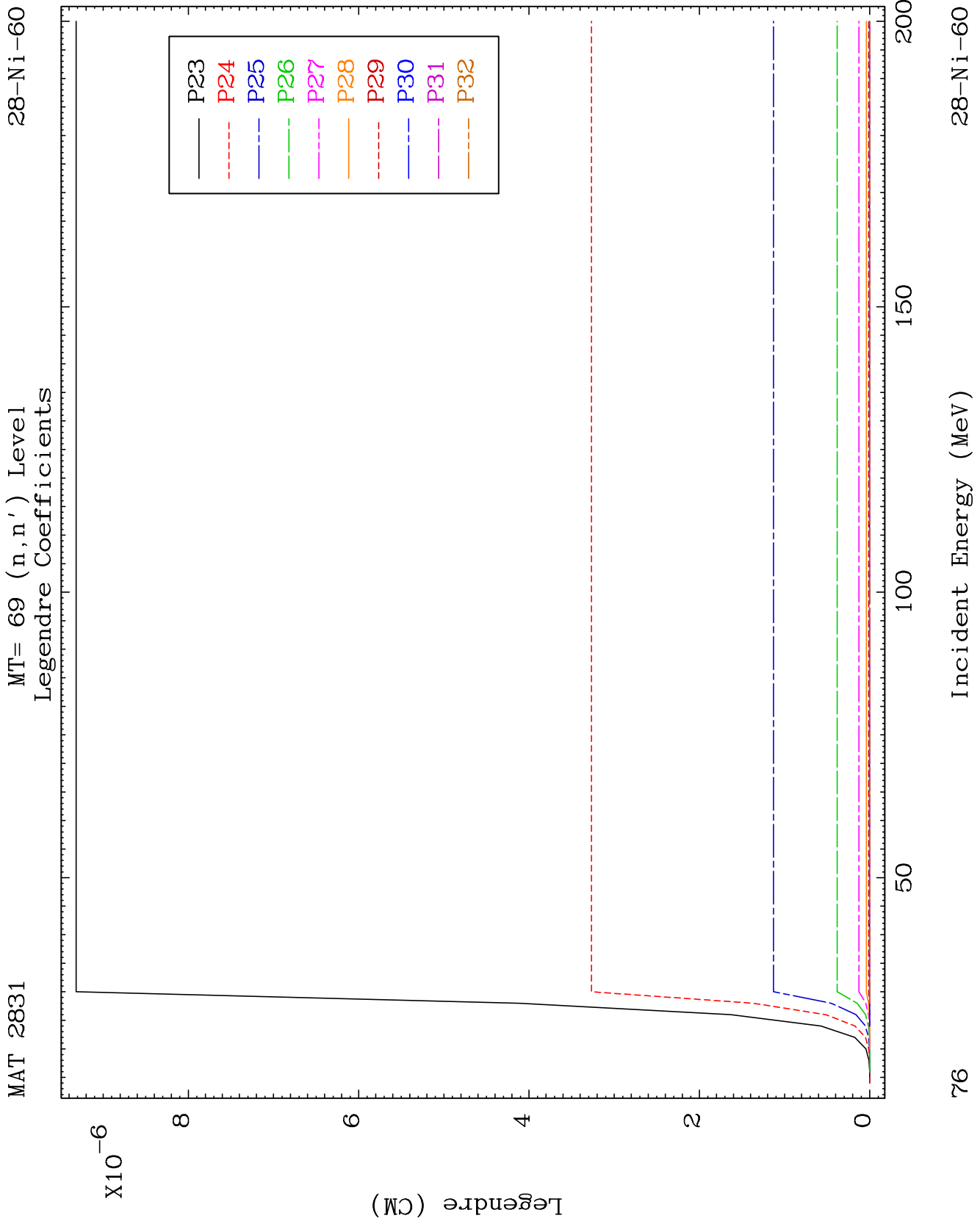
28-Ni-60



75

Incident Energy (MeV)

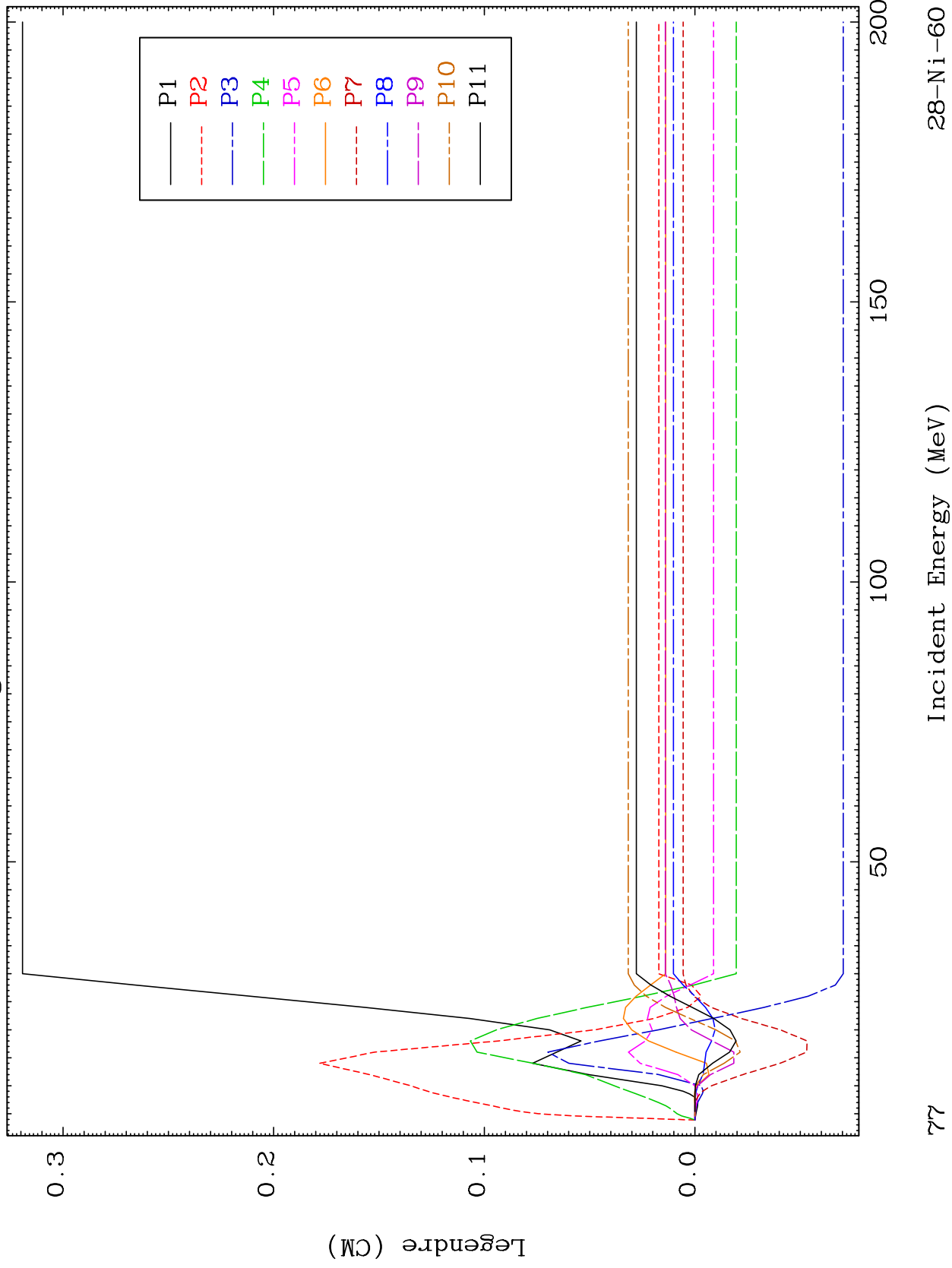
28-Ni-60



MAT 2831

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

28-Ni-60



77

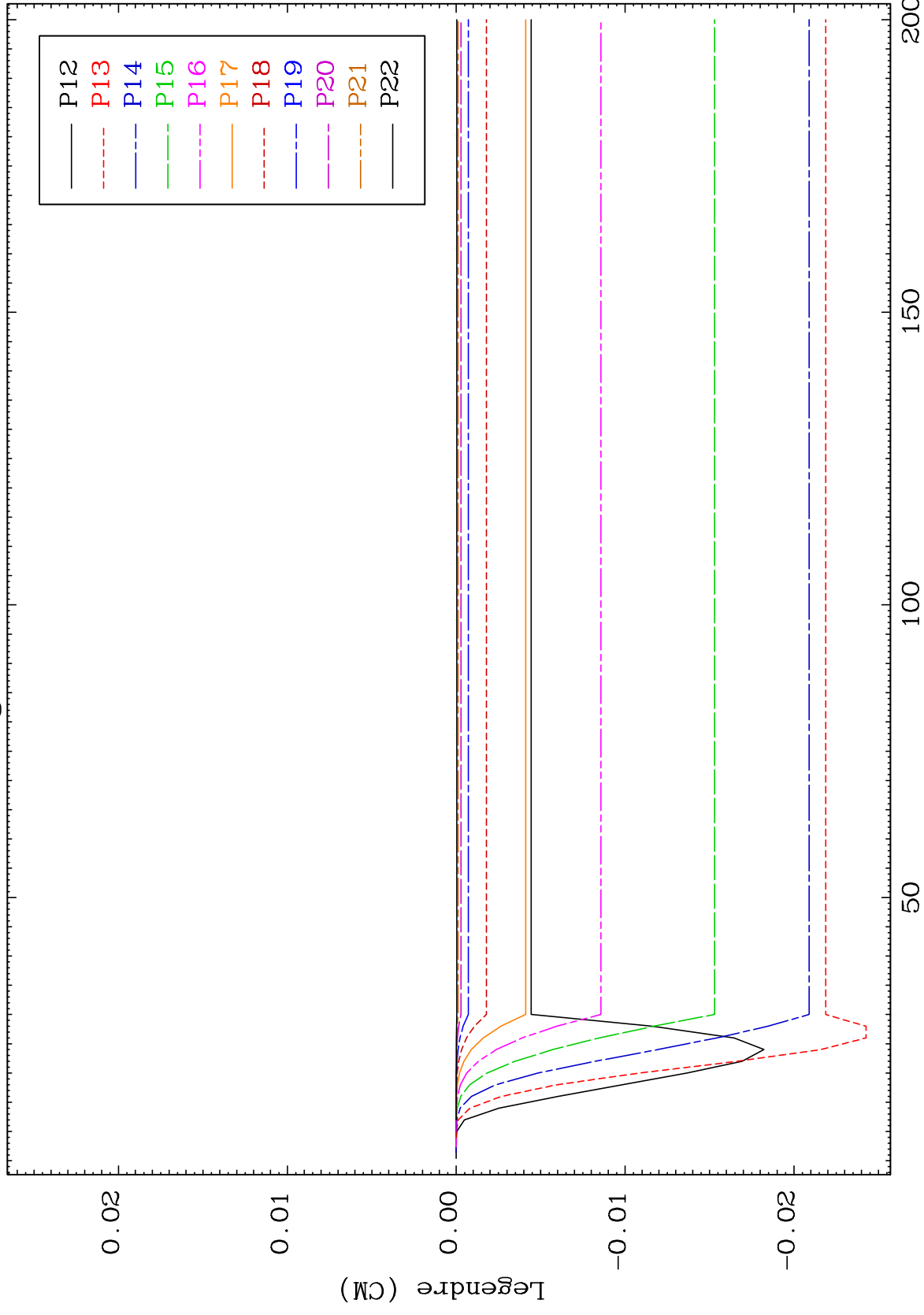
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

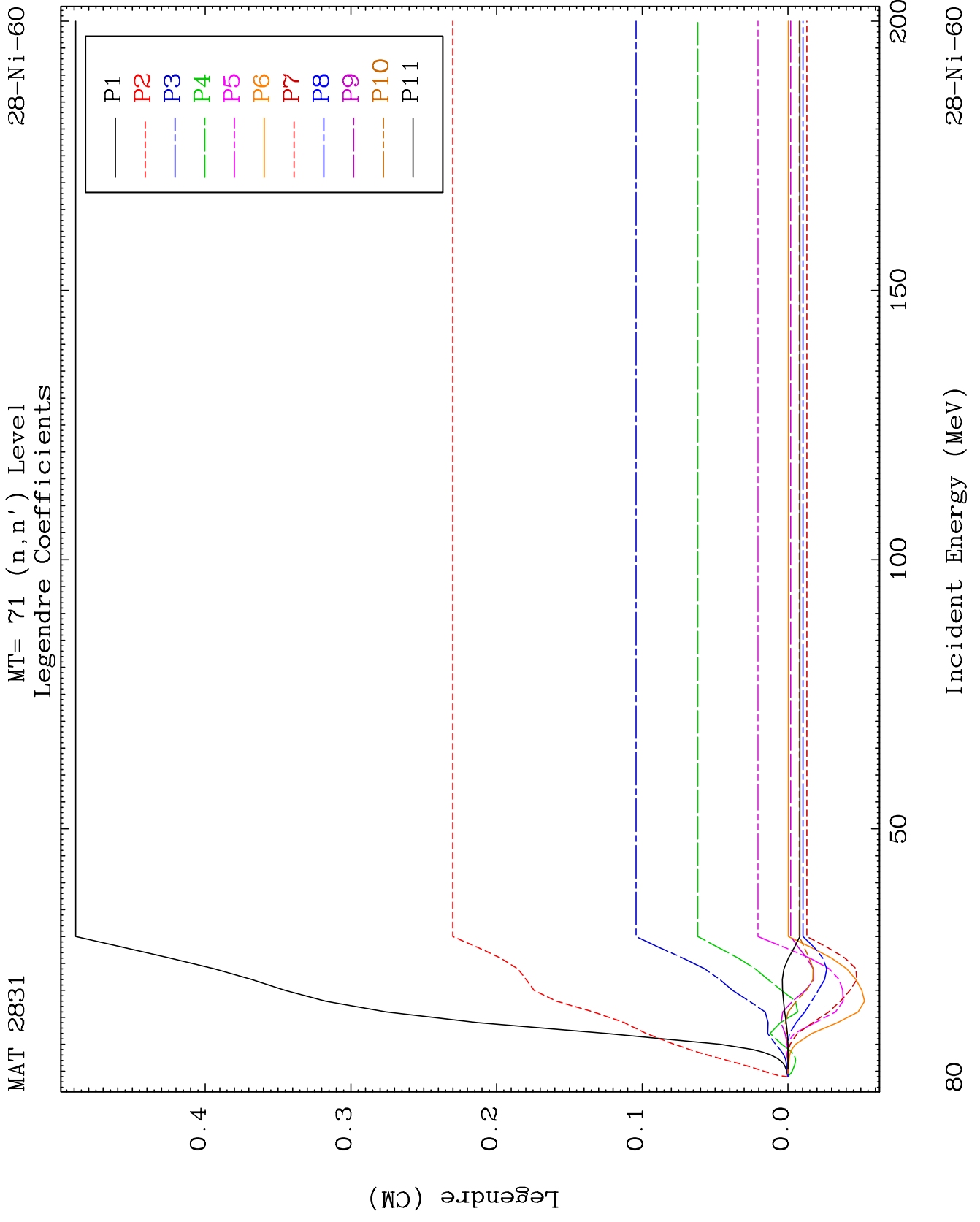
28-Ni-60

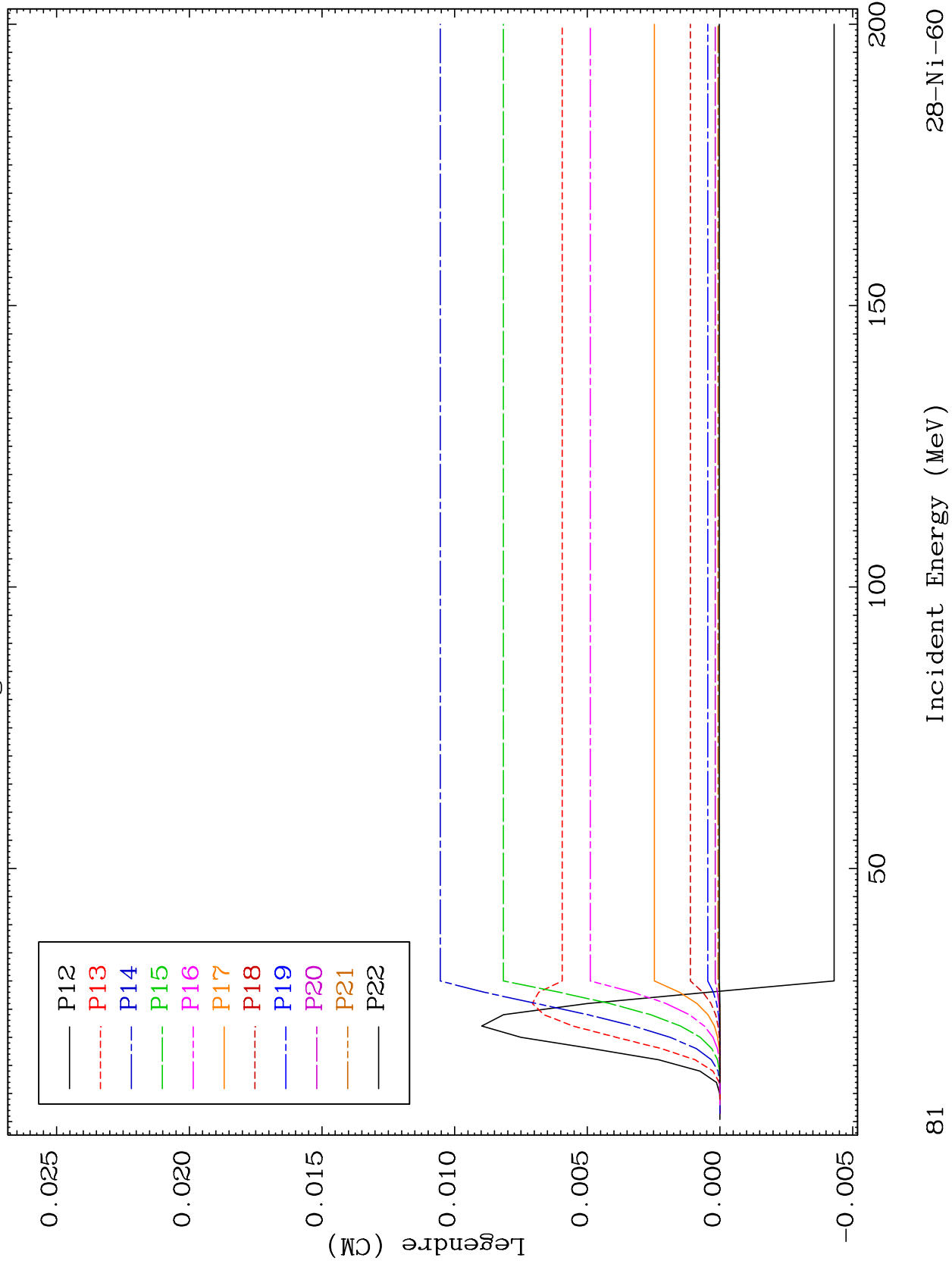


78

Incident Energy (MeV)

28-Ni-60

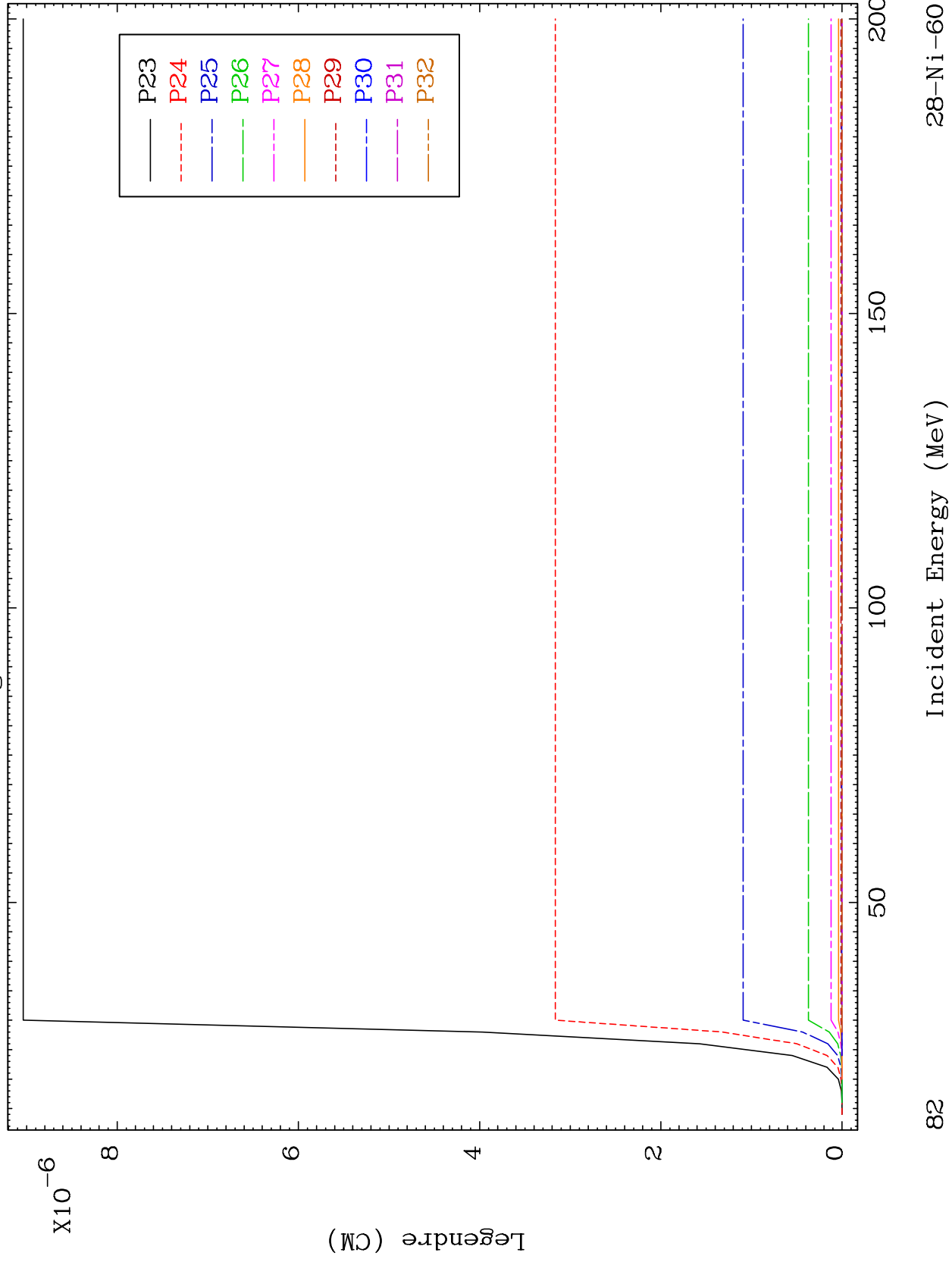




MAT 2831

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

28-Ni-60



82

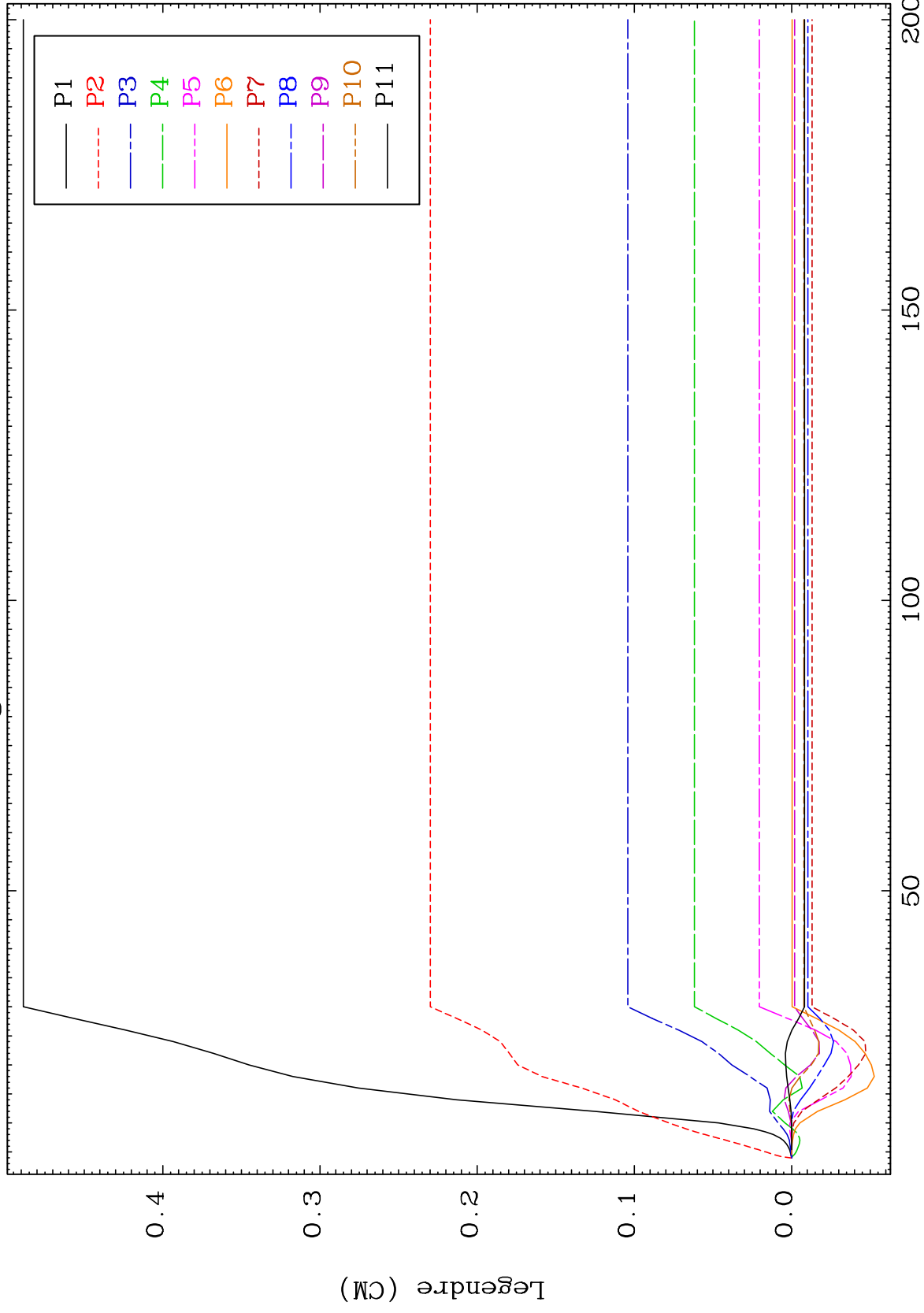
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

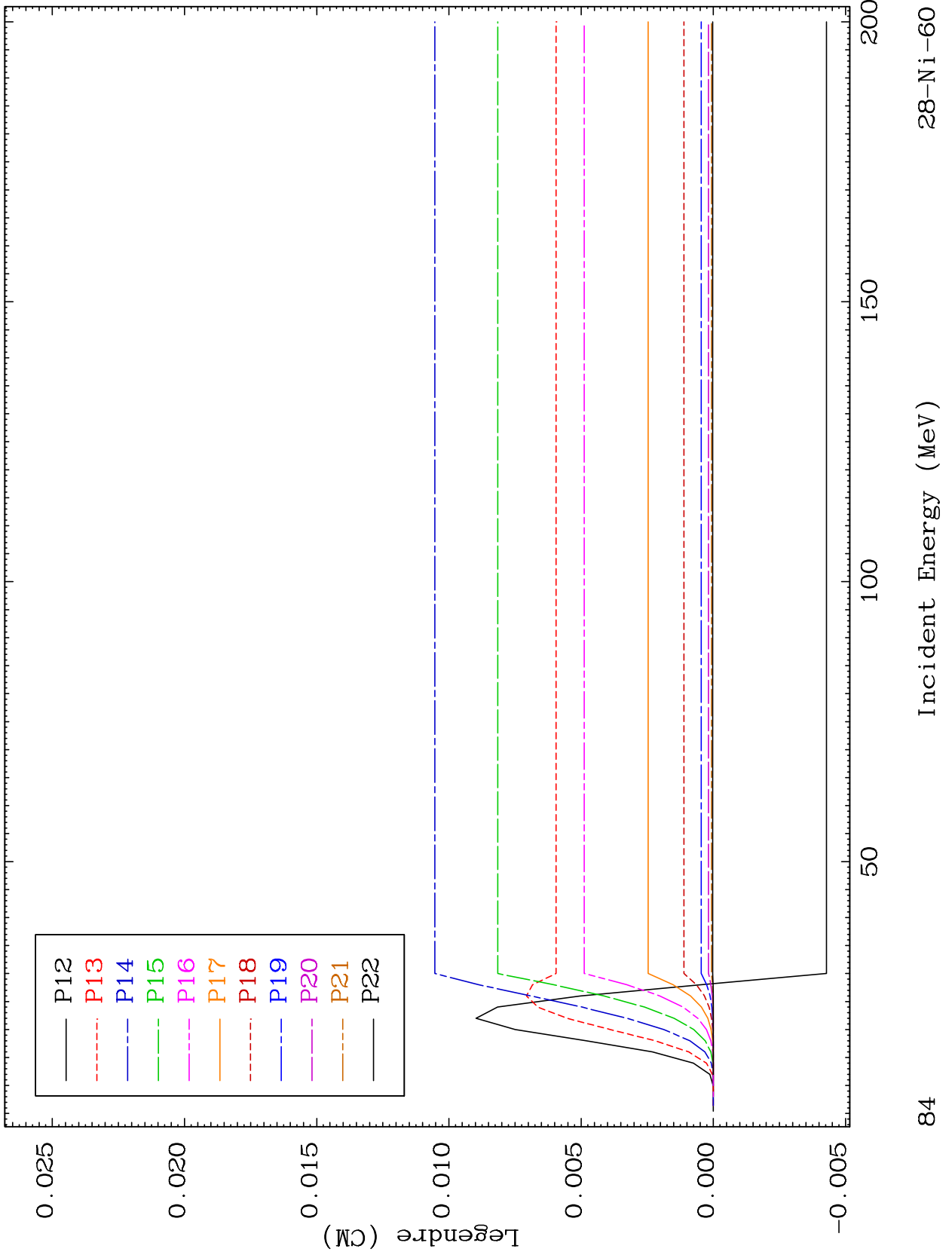
28-Ni-60



83

Incident Energy (MeV)

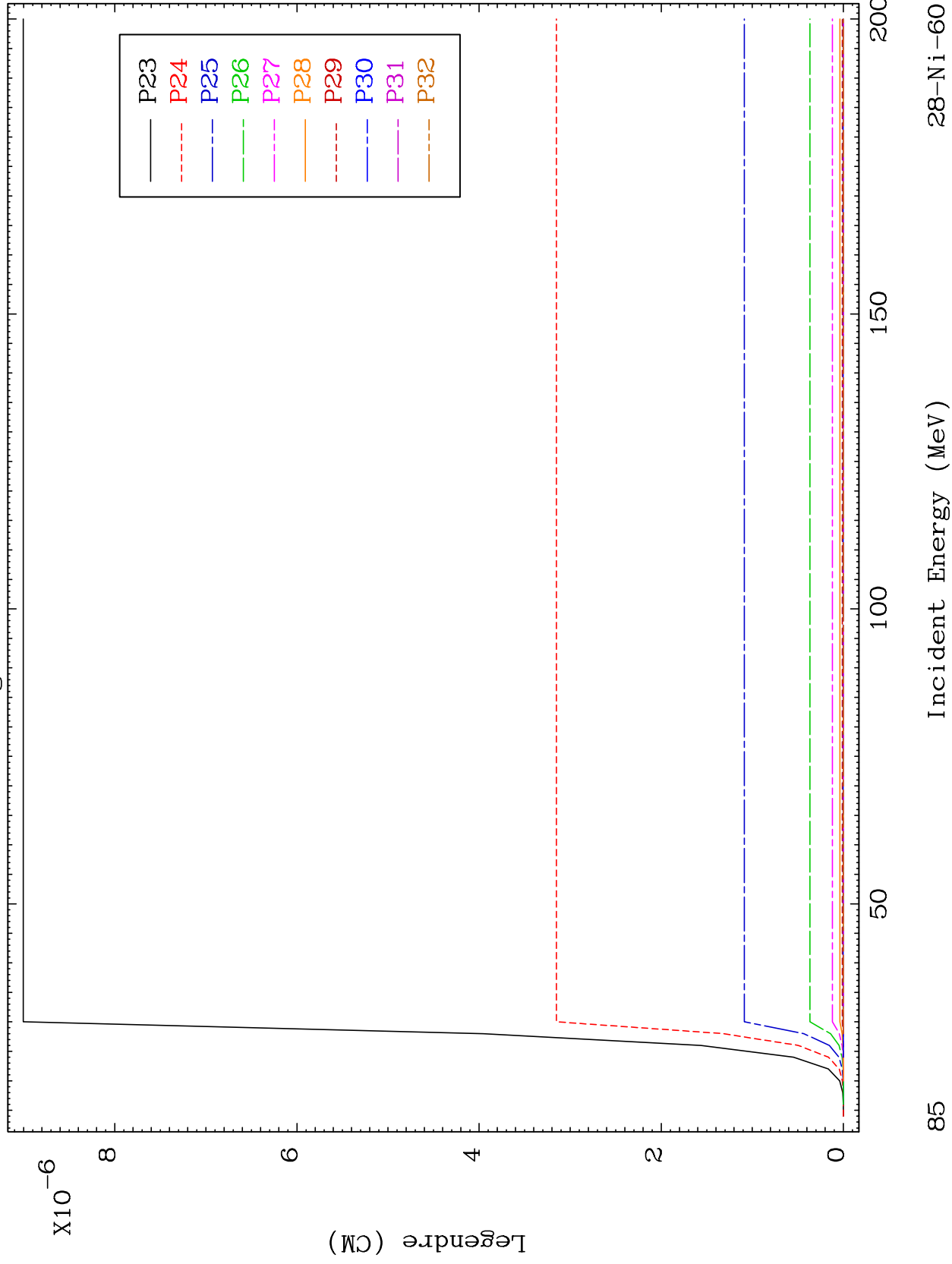
28-Ni-60



MAT 2831

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

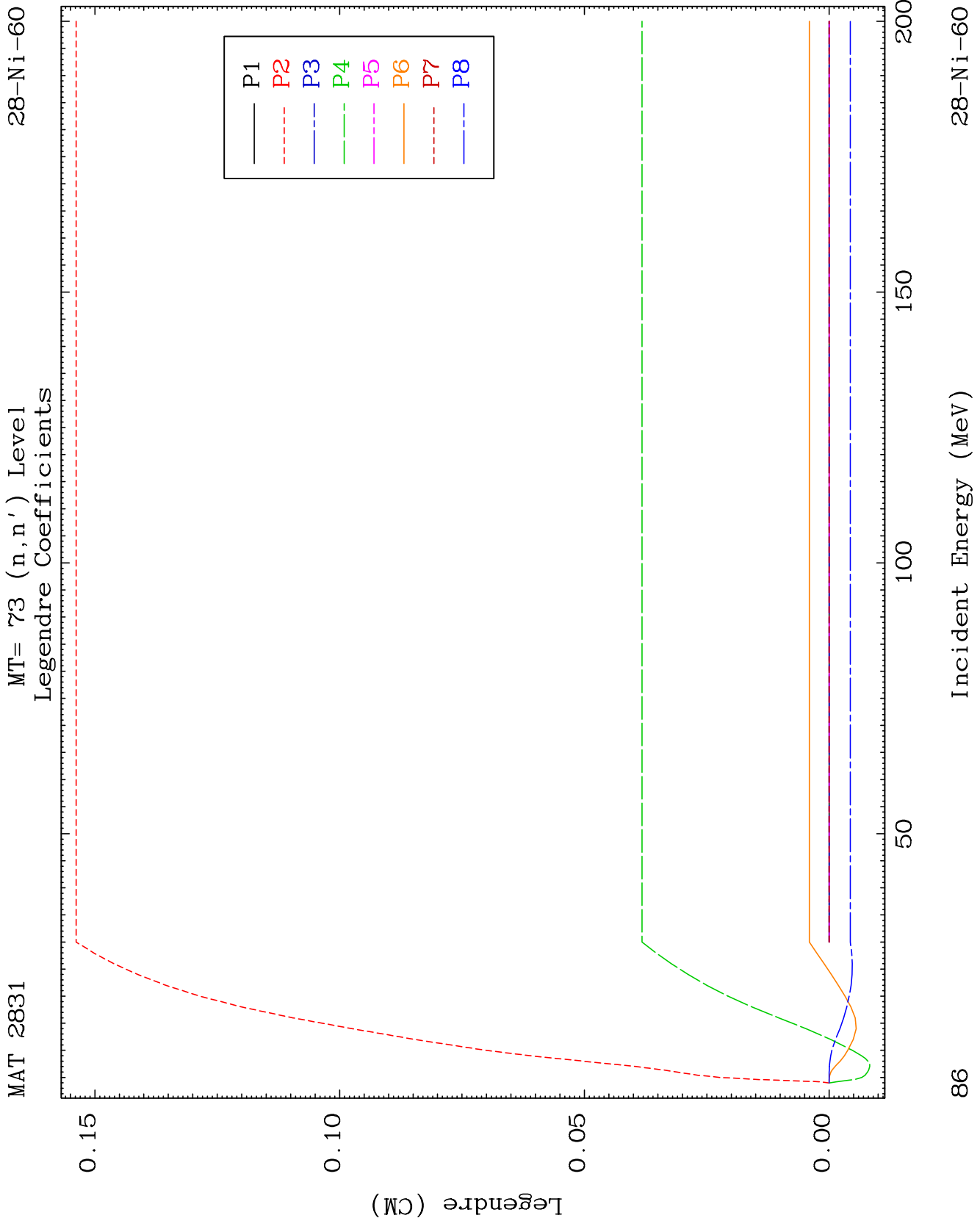
28-Ni-60

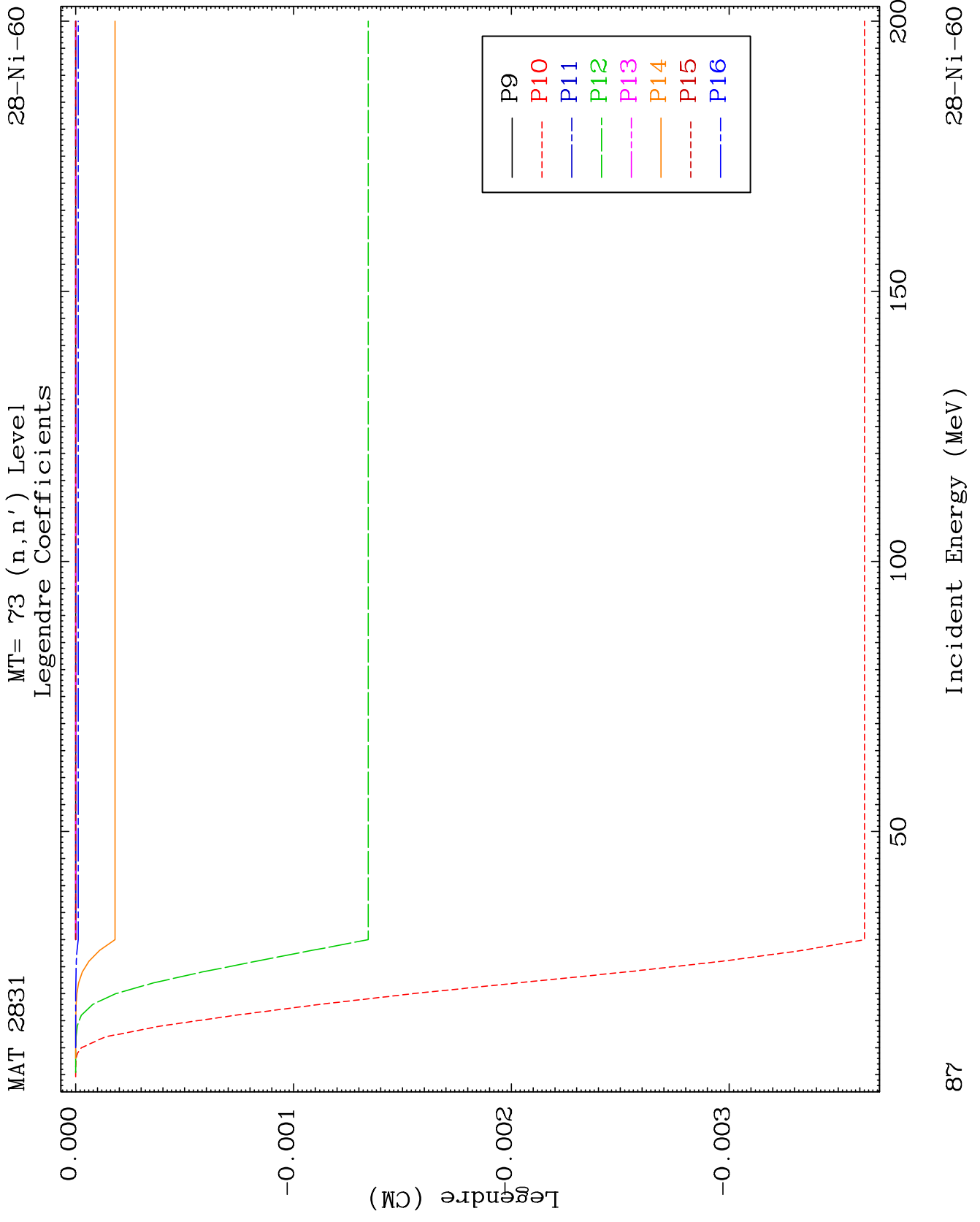


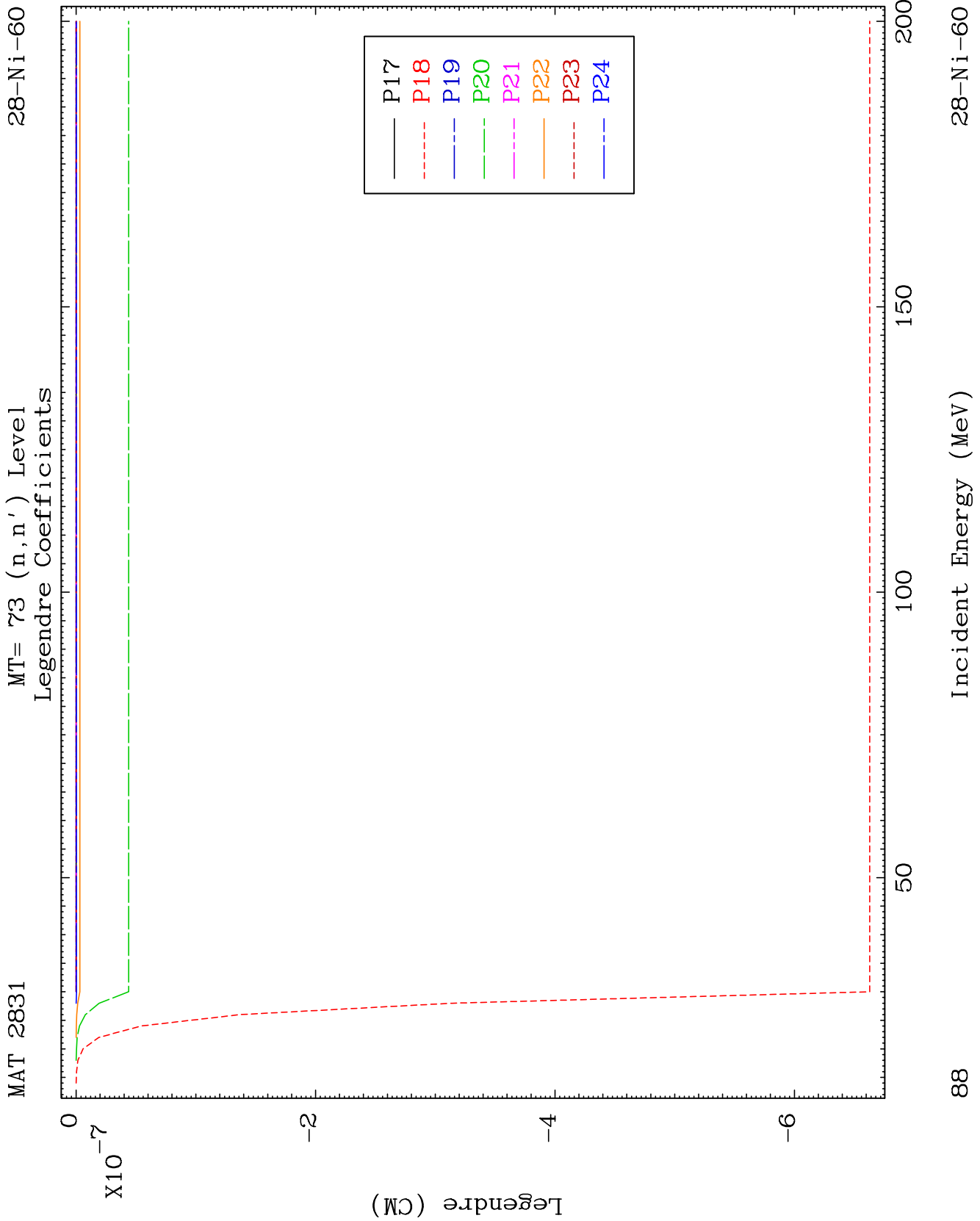
85

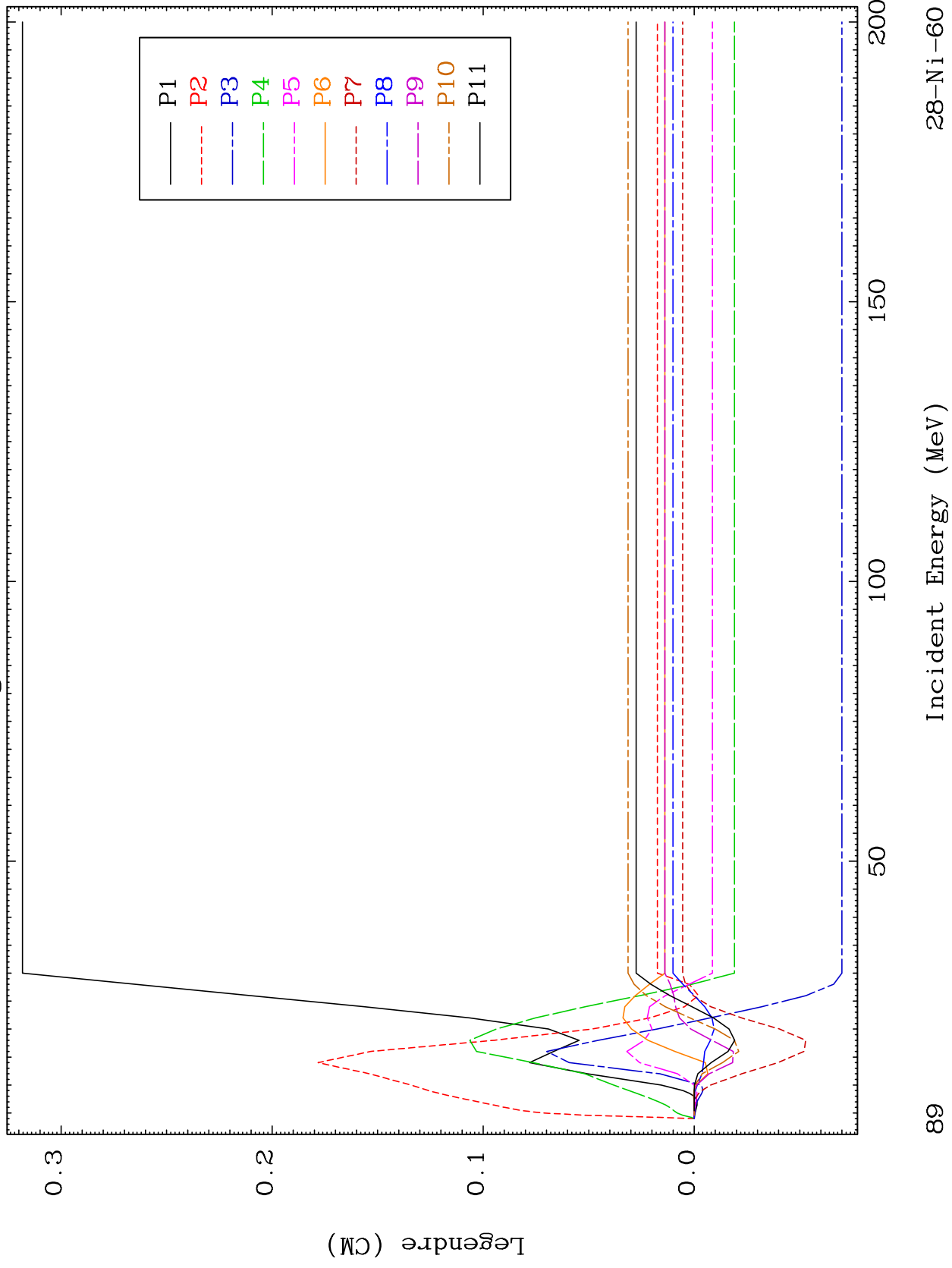
Incident Energy (MeV)

28-Ni-60





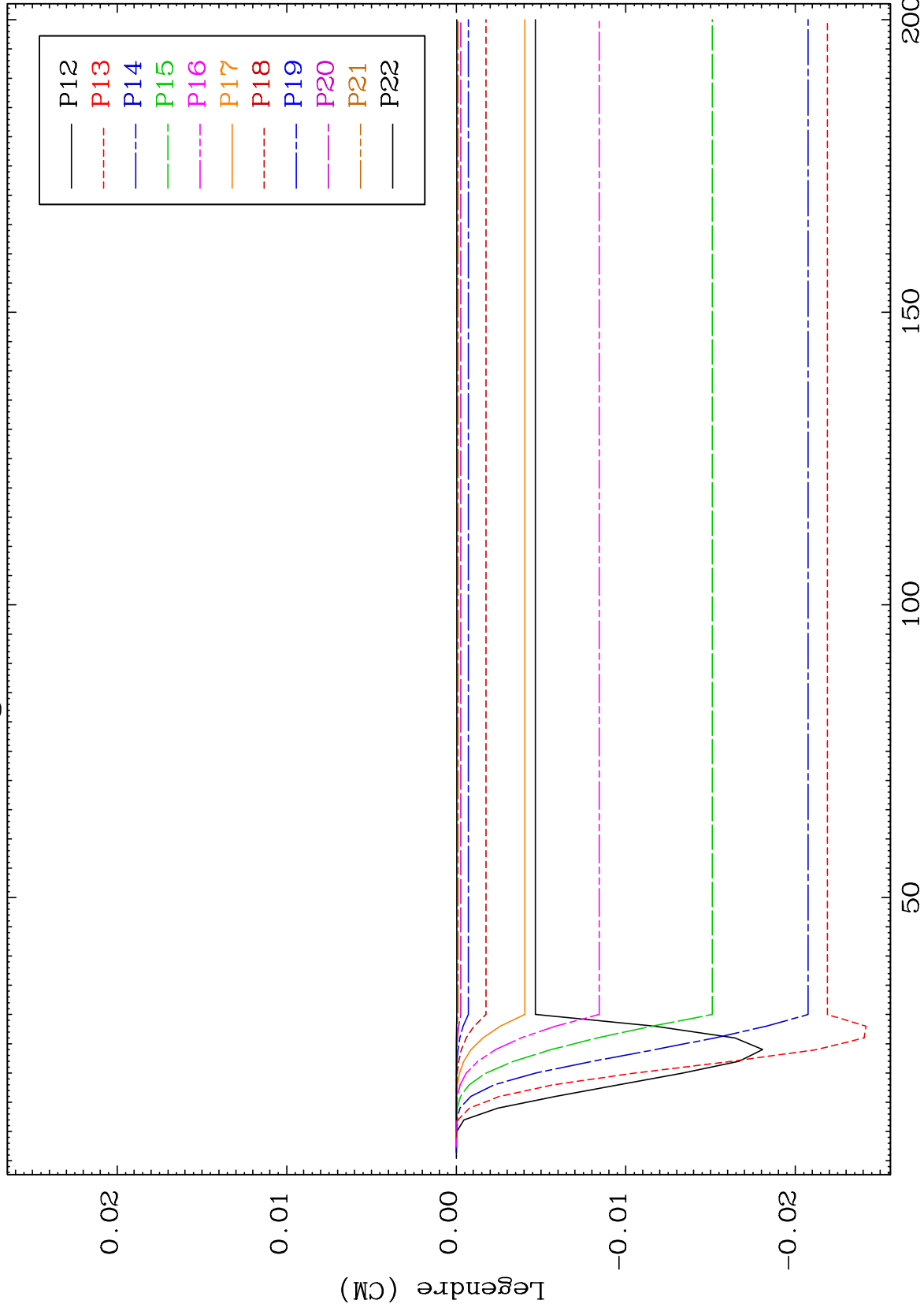




MAT 2831

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

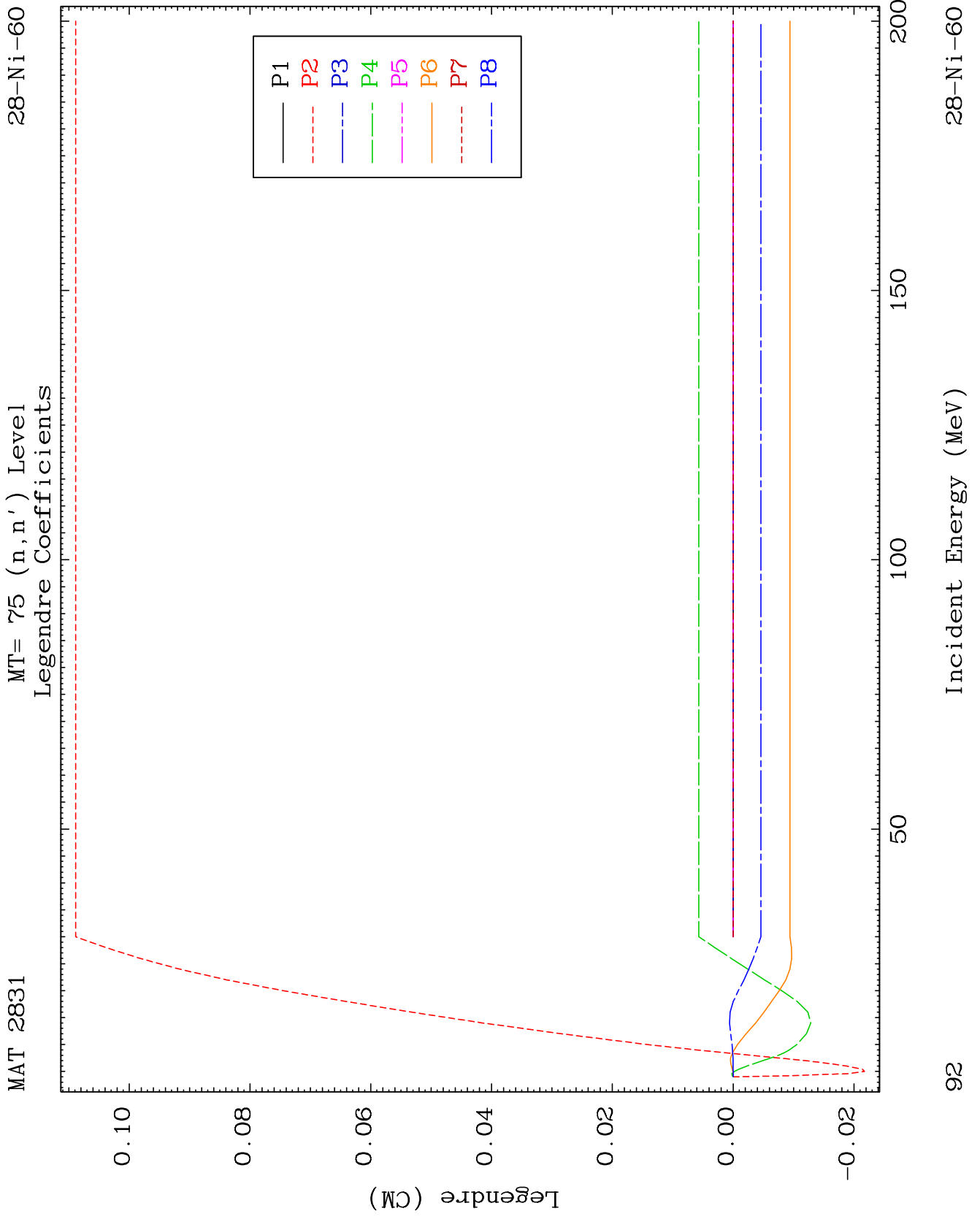
28-Ni-60

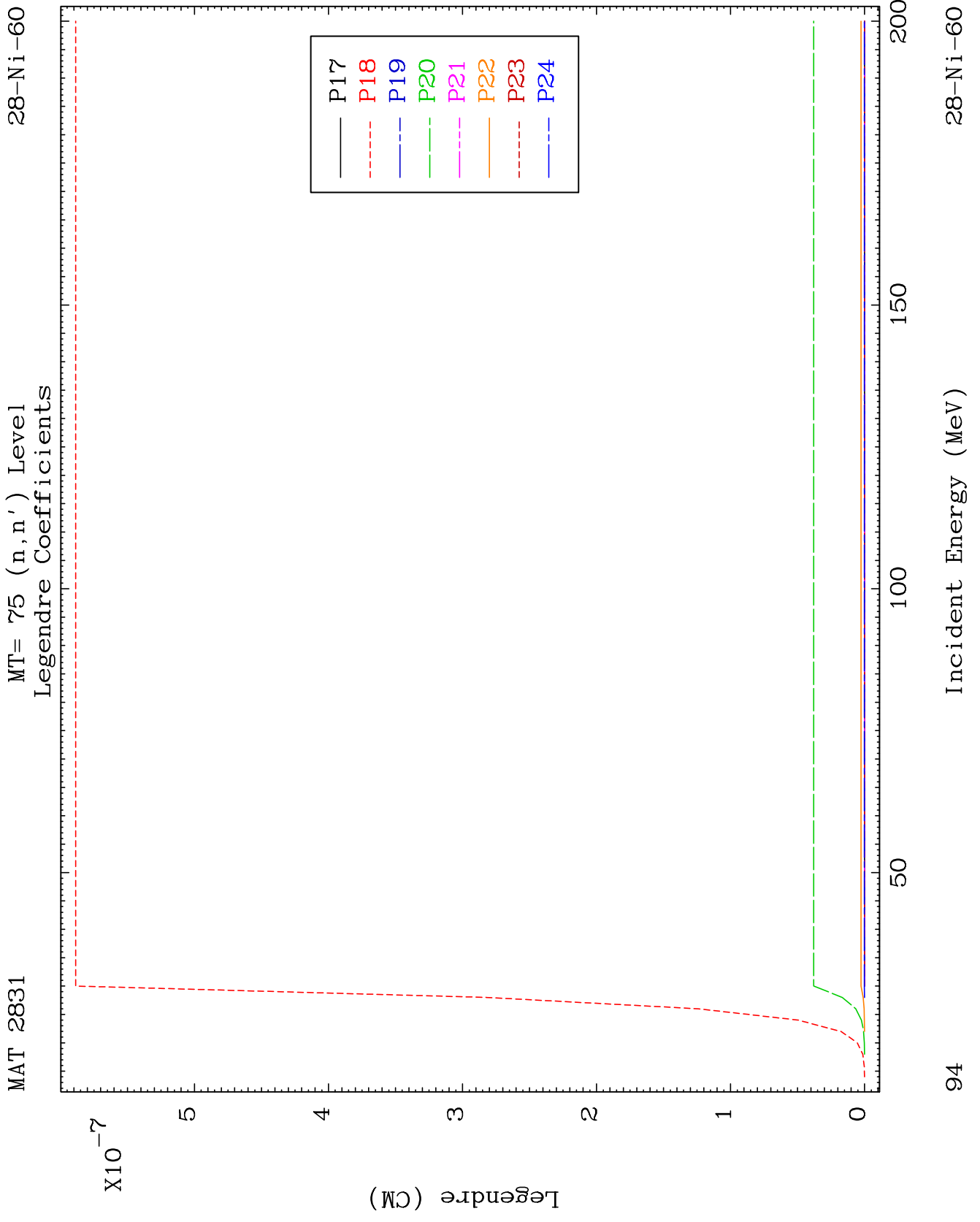


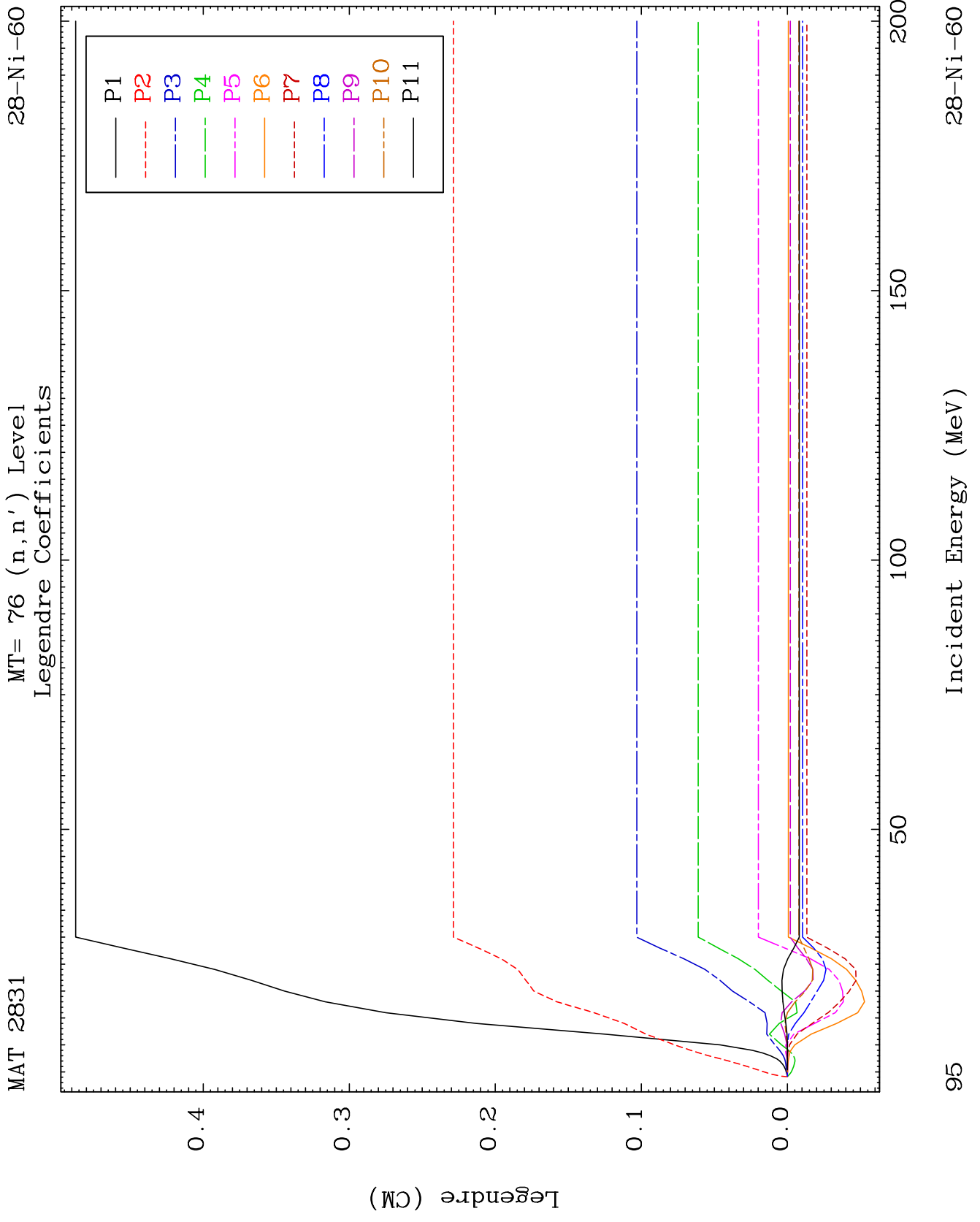
90

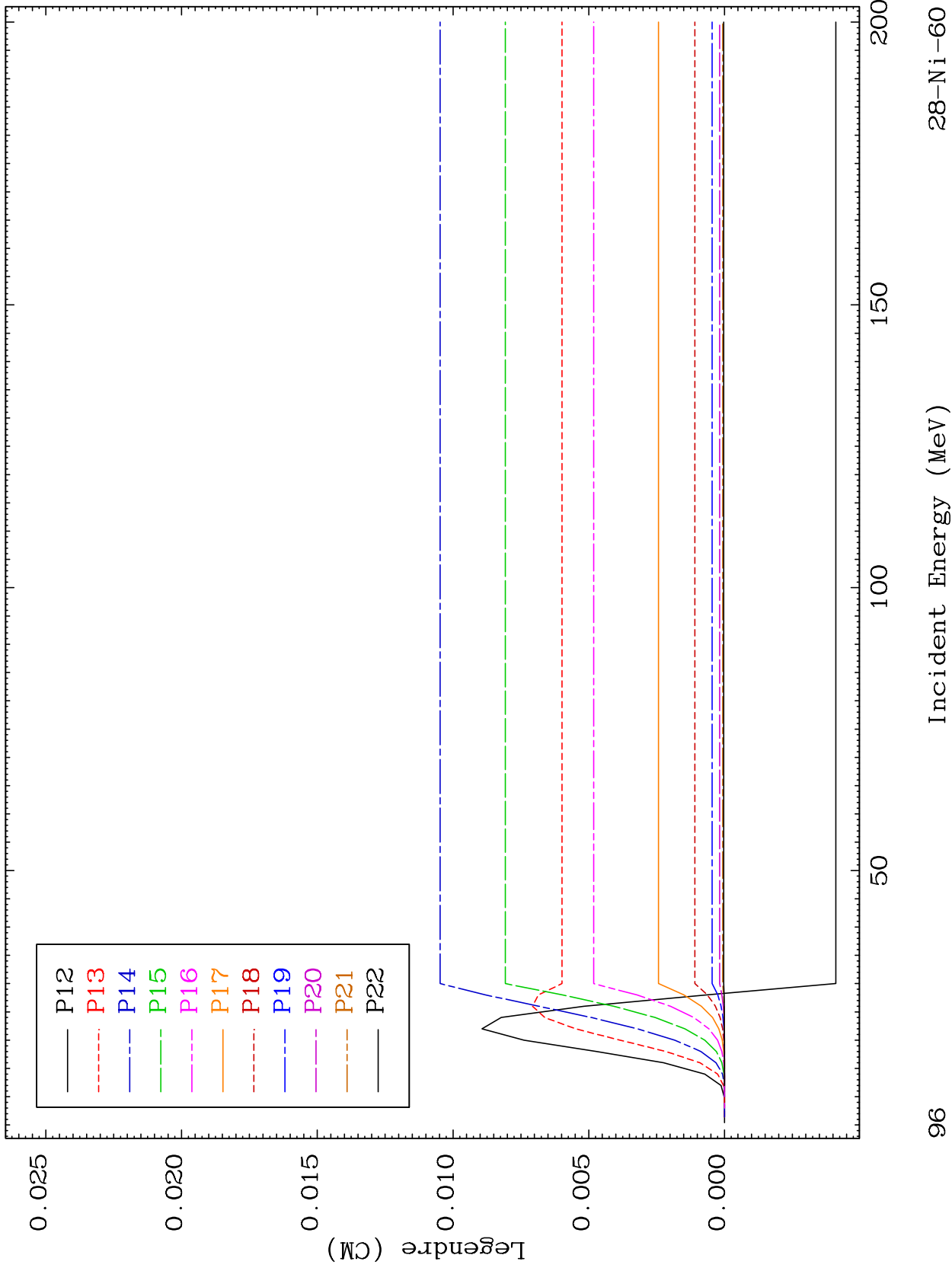
Incident Energy (MeV)

28-Ni-60





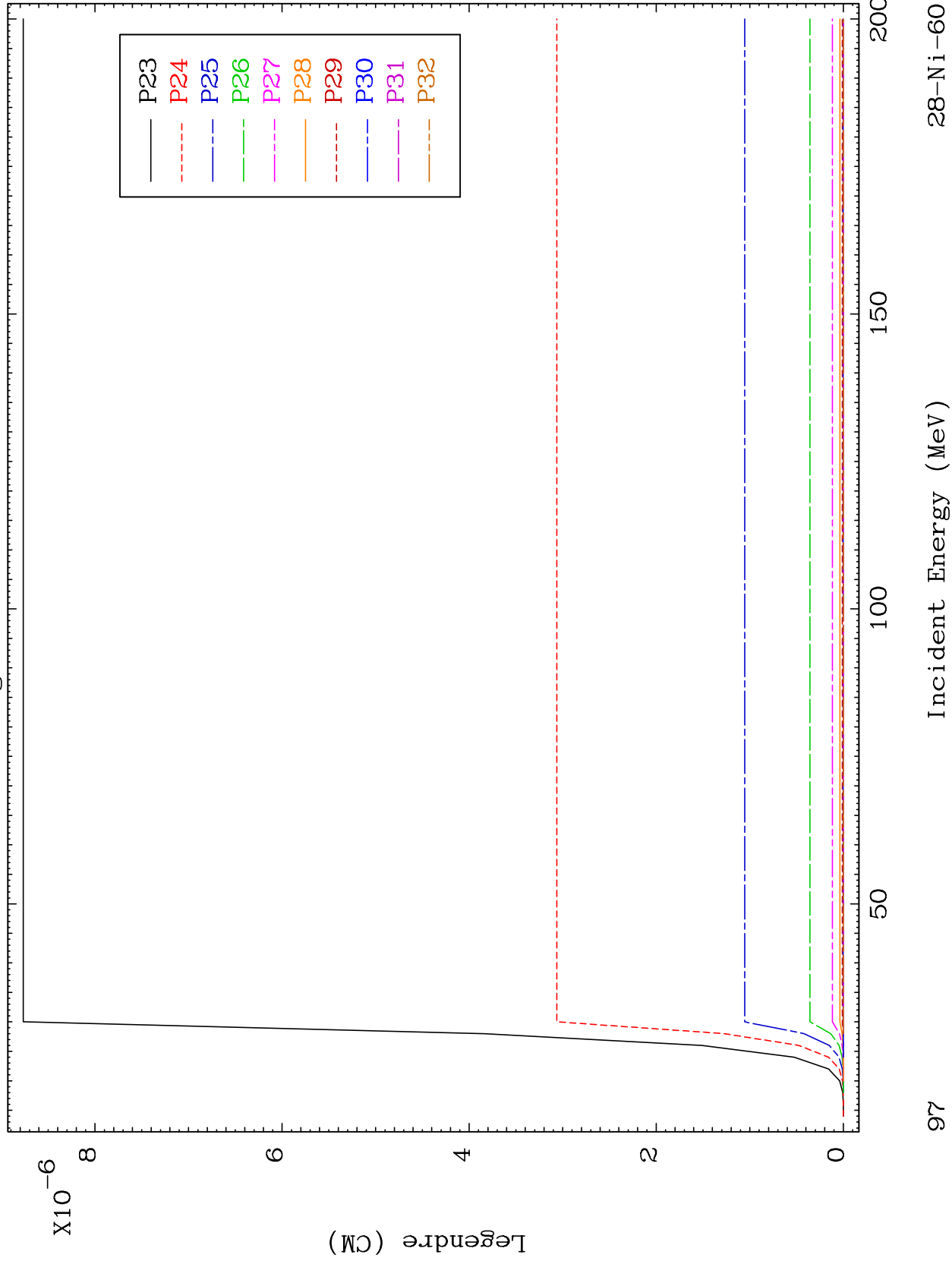




MAT 2831

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

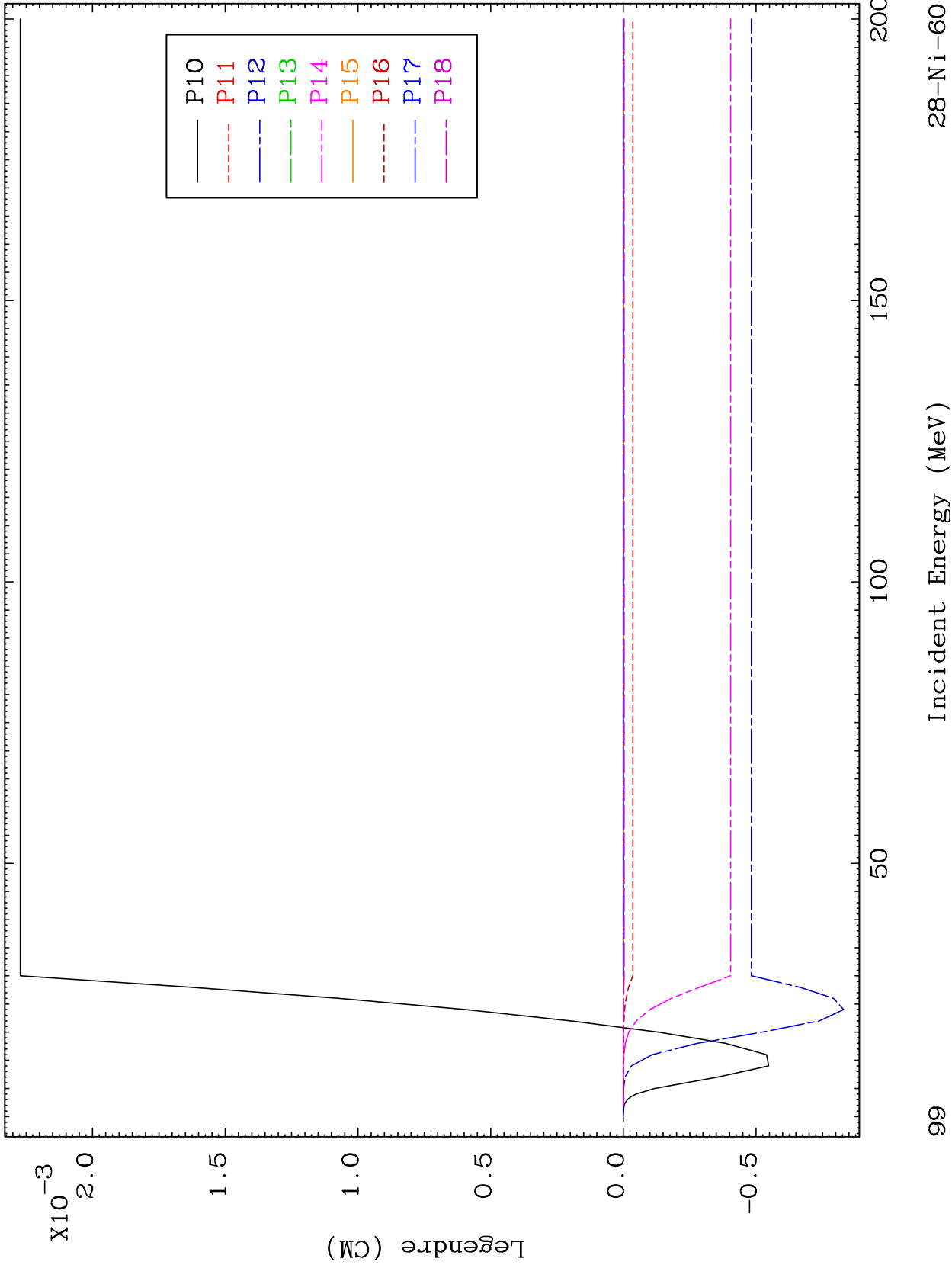
28-Ni-60

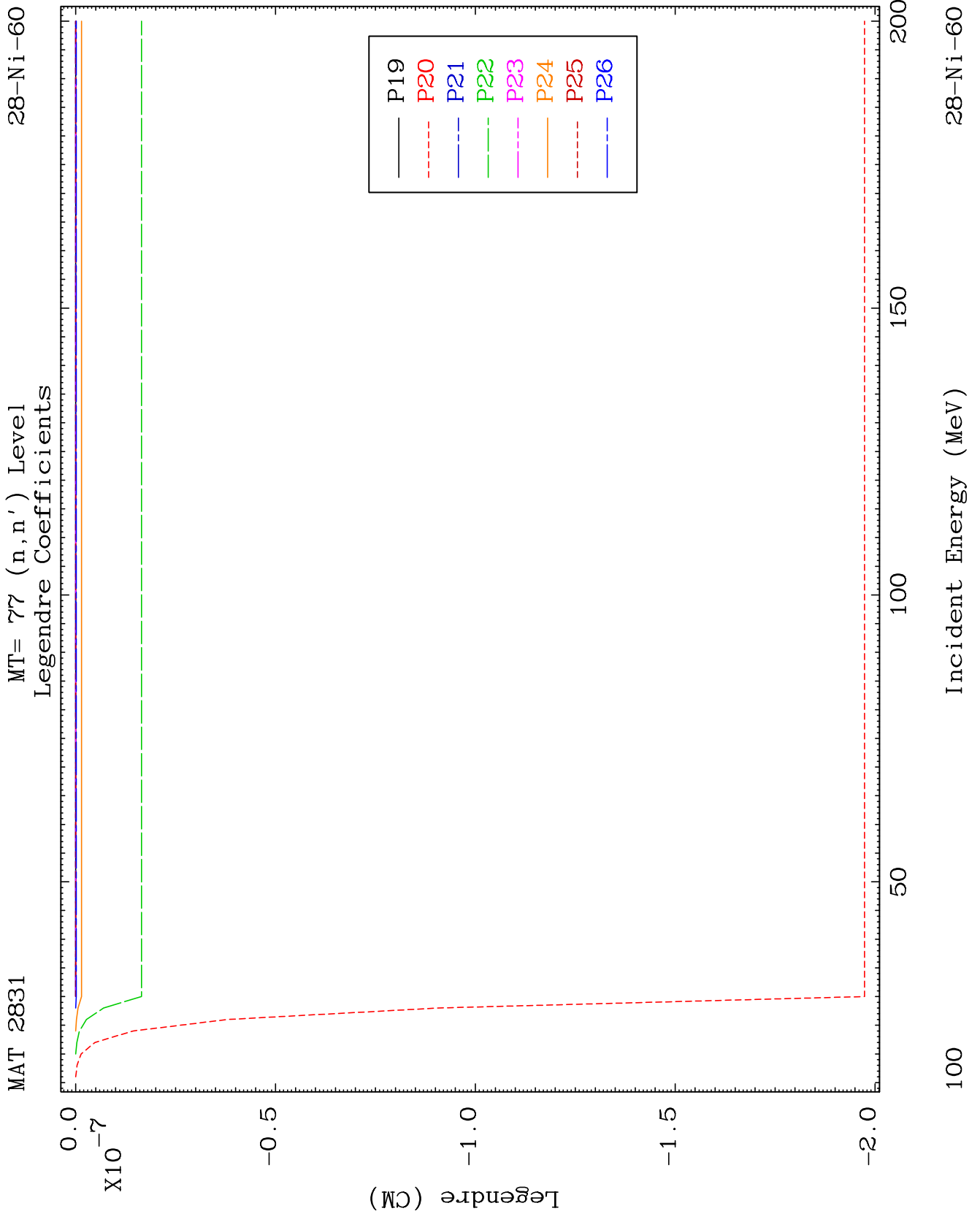


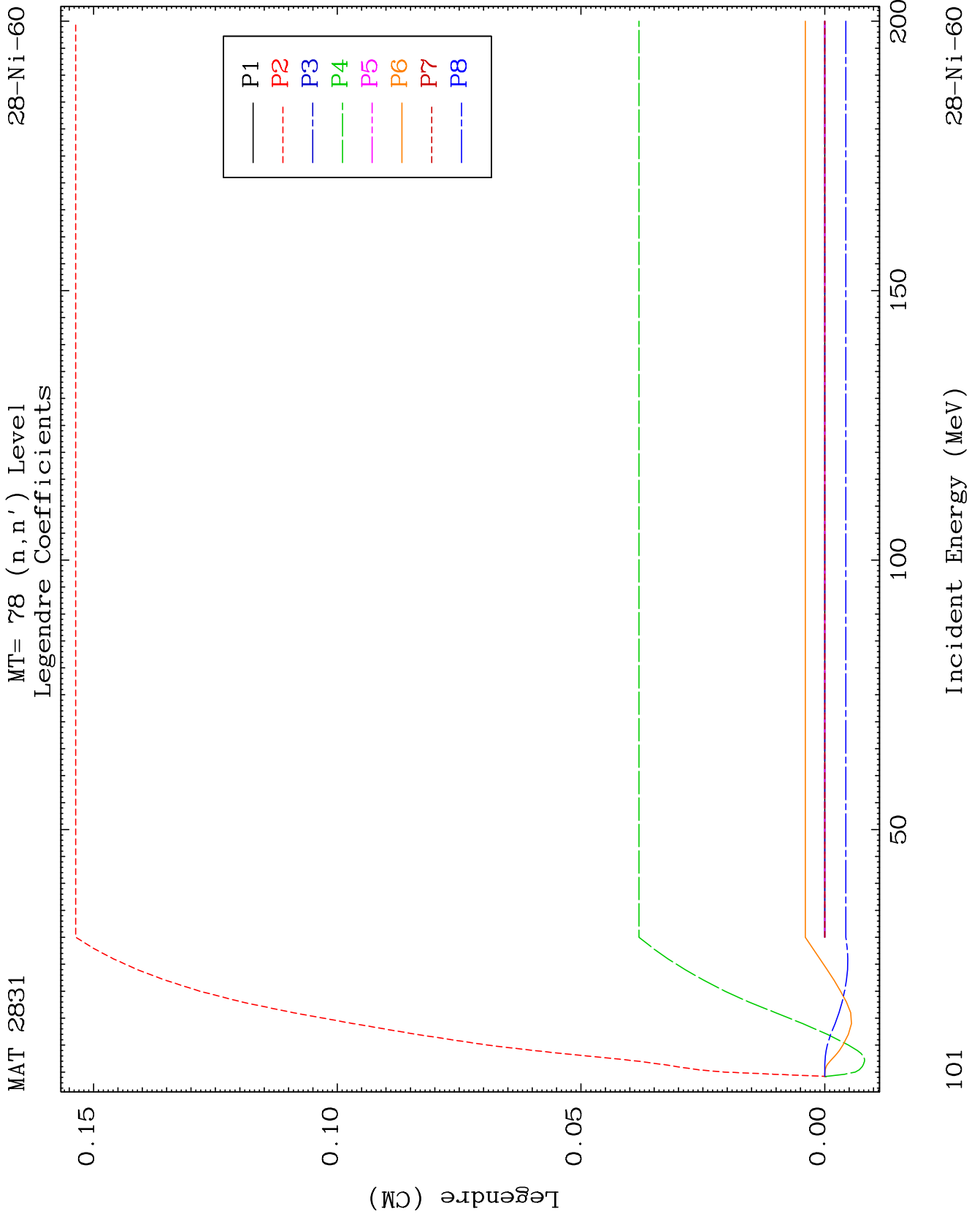
MAT 2831

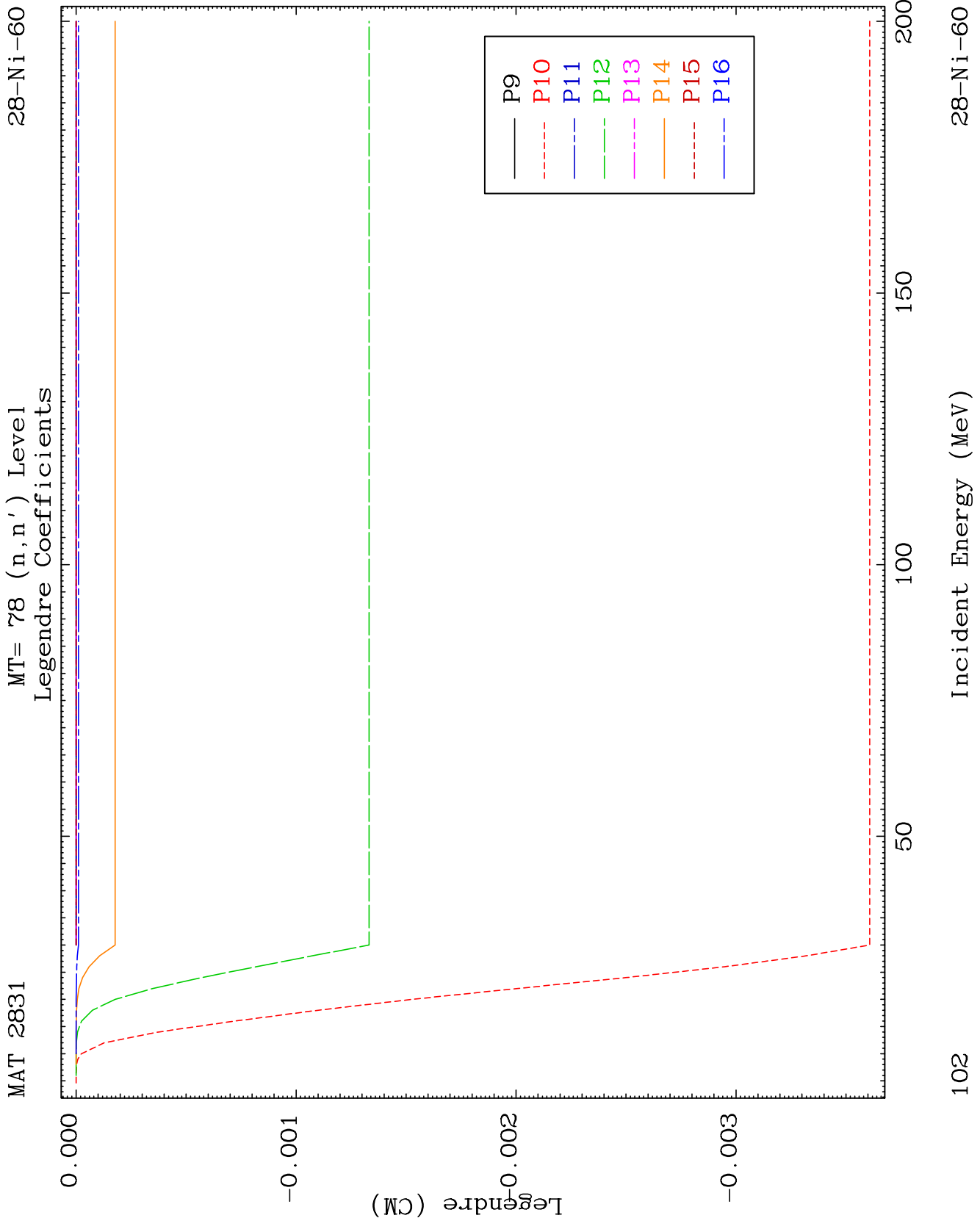
MT= 77 (n,n') Level
Legendre Coefficients

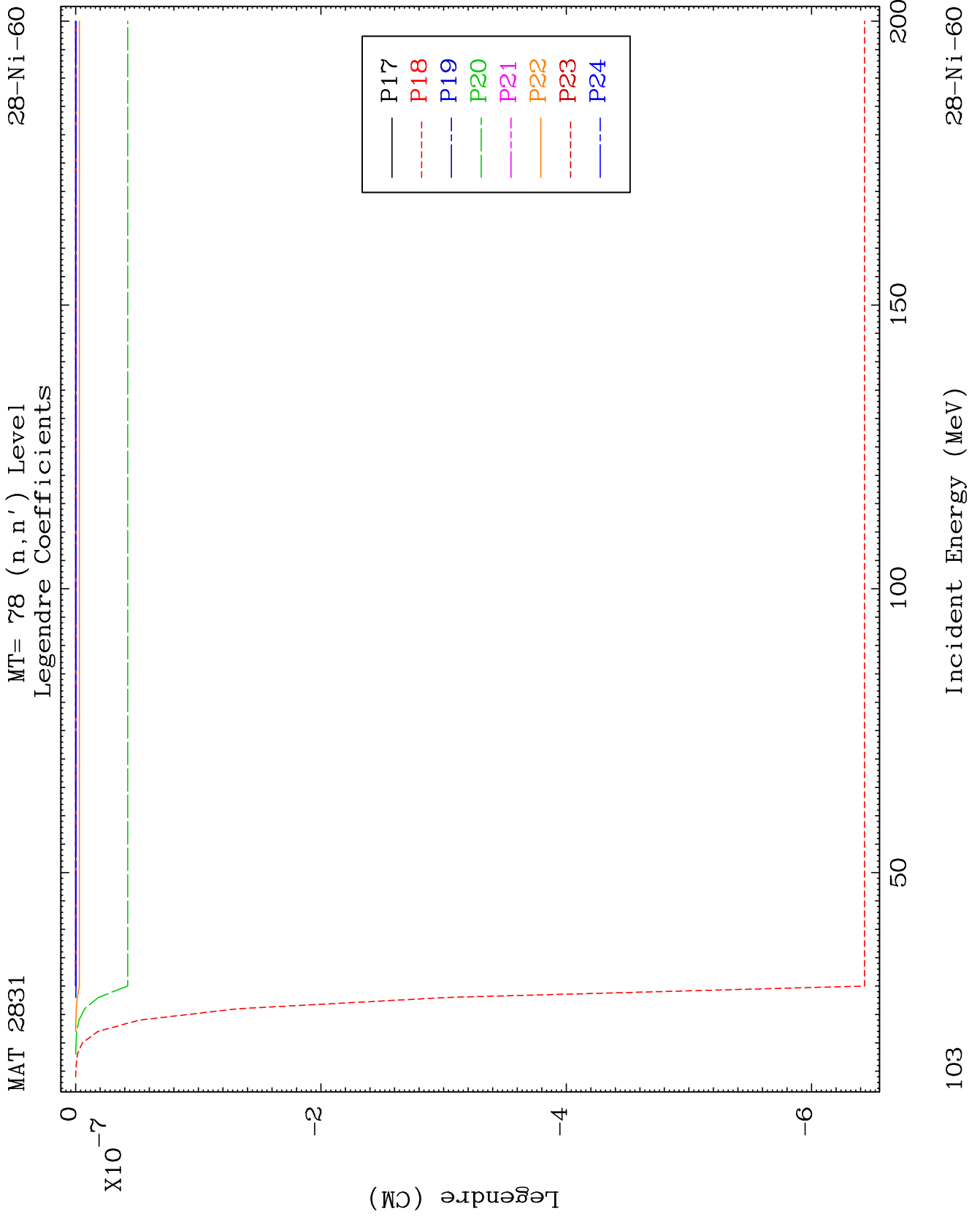
28-Ni-60







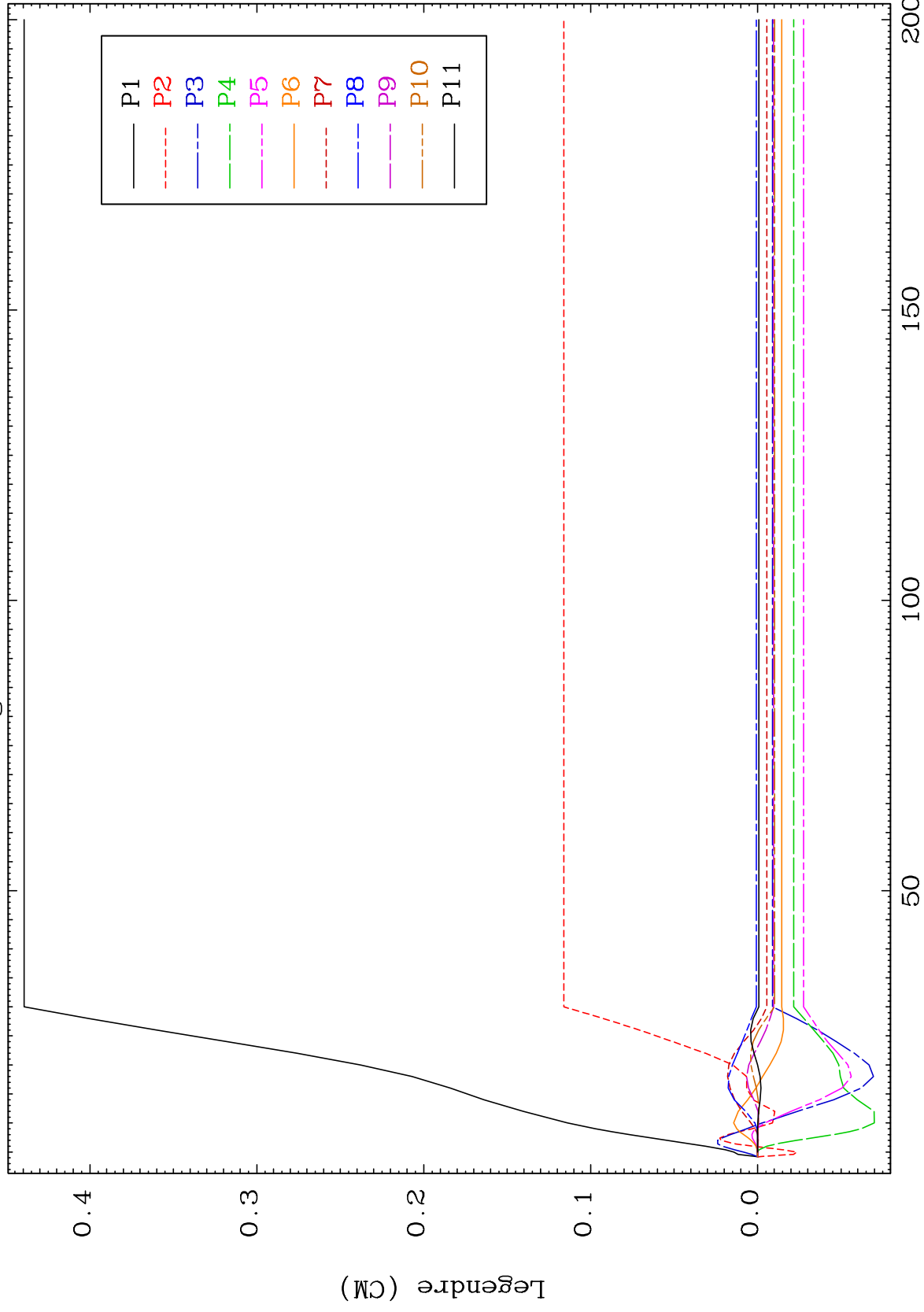




MAT 2831

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

28-Ni-60



104

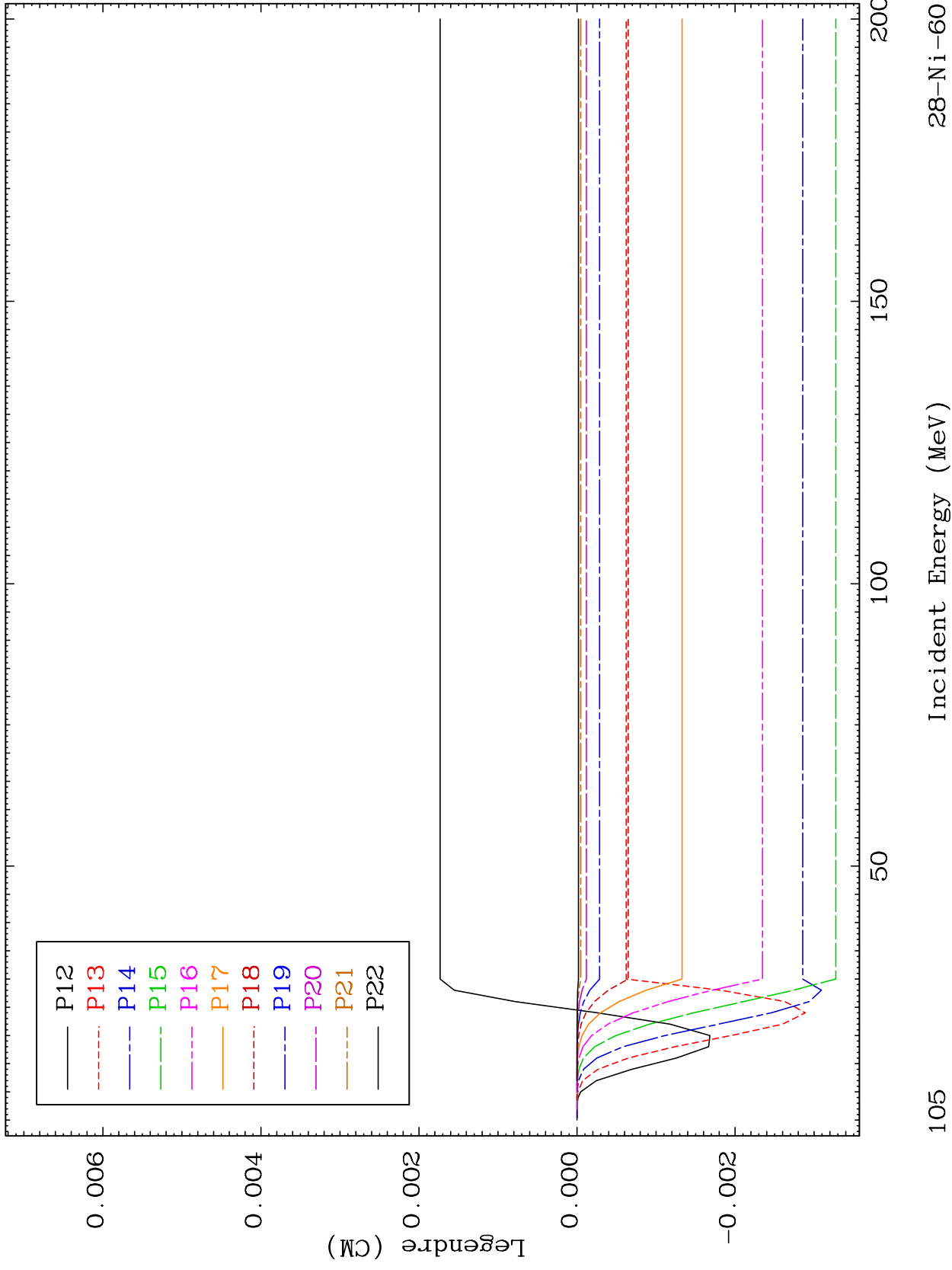
Incident Energy (MeV)

28-Ni-60

MAT 2831

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

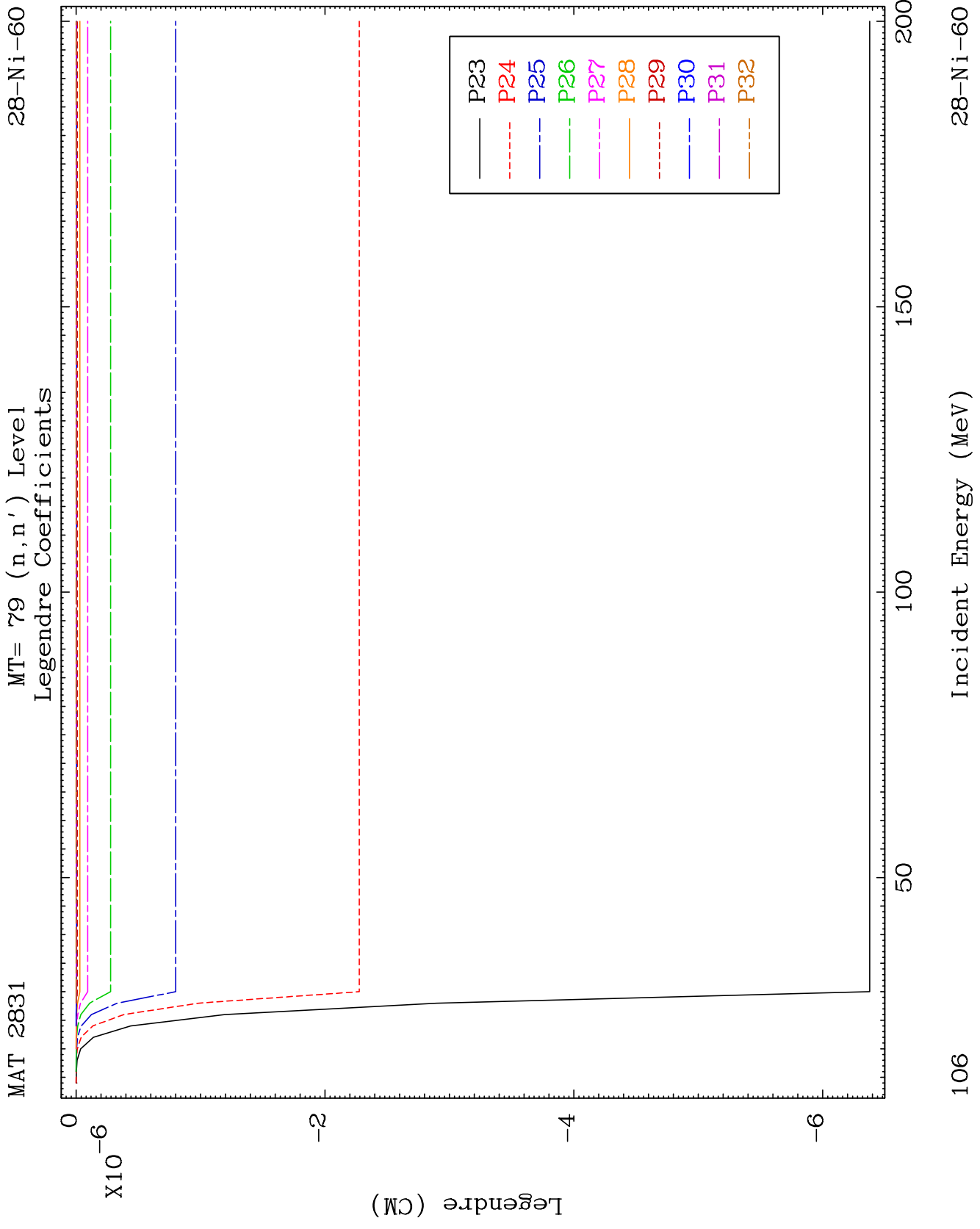
28-Ni-60



105

Incident Energy (MeV)

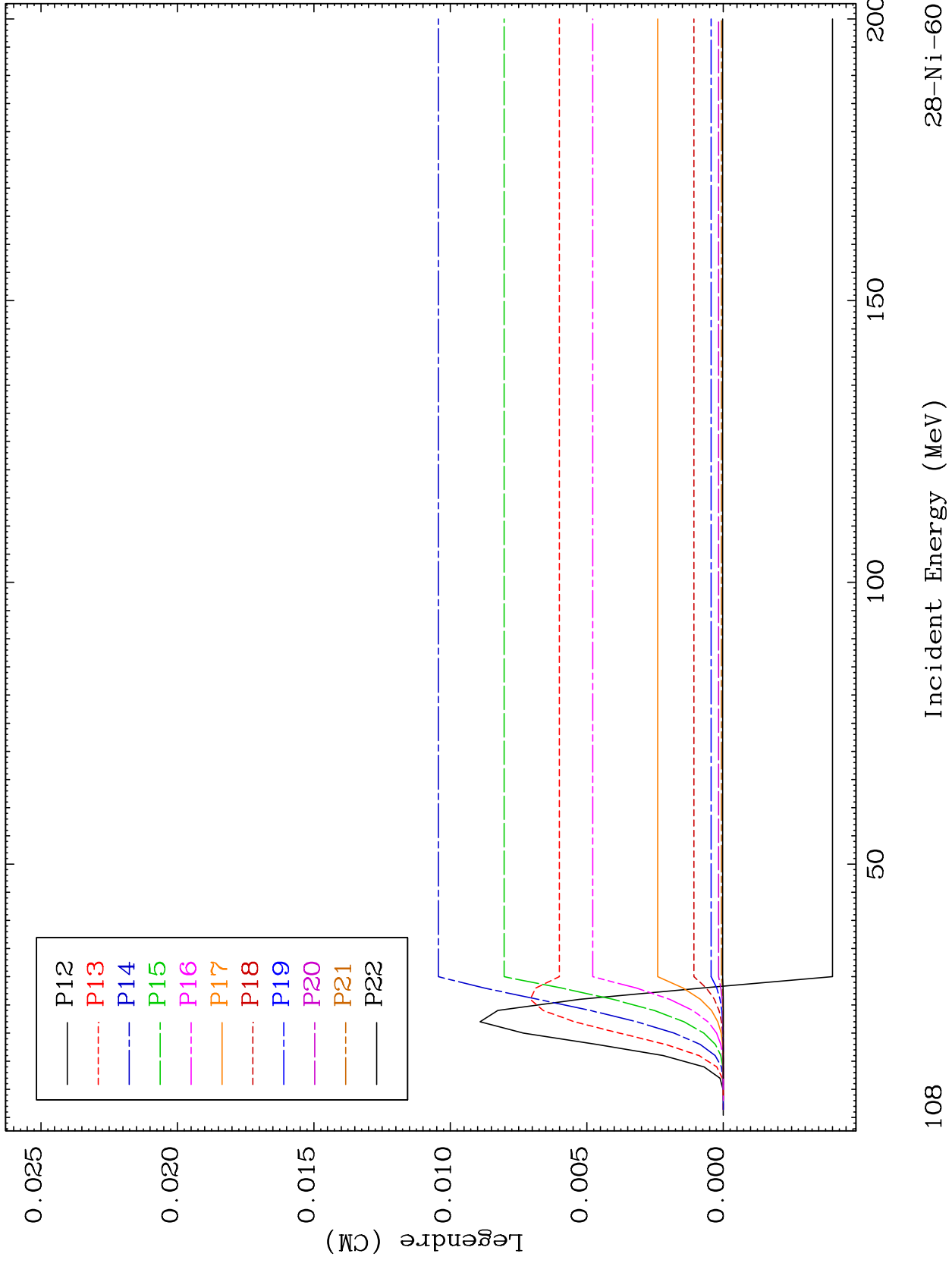
28-Ni-60

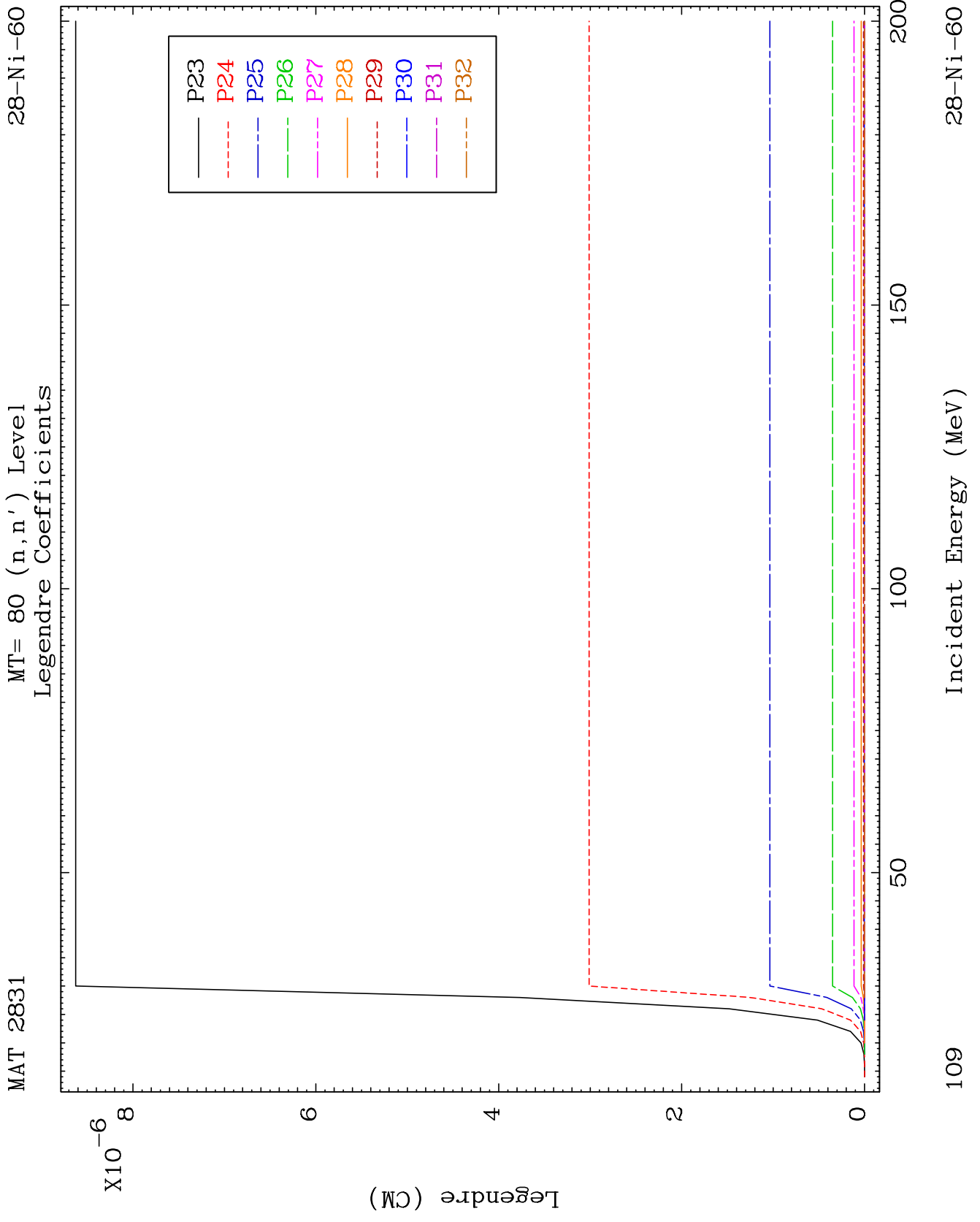


MAT 2831

MT= 80 (n,n') Level
Legendre Coefficients

28-Ni-60



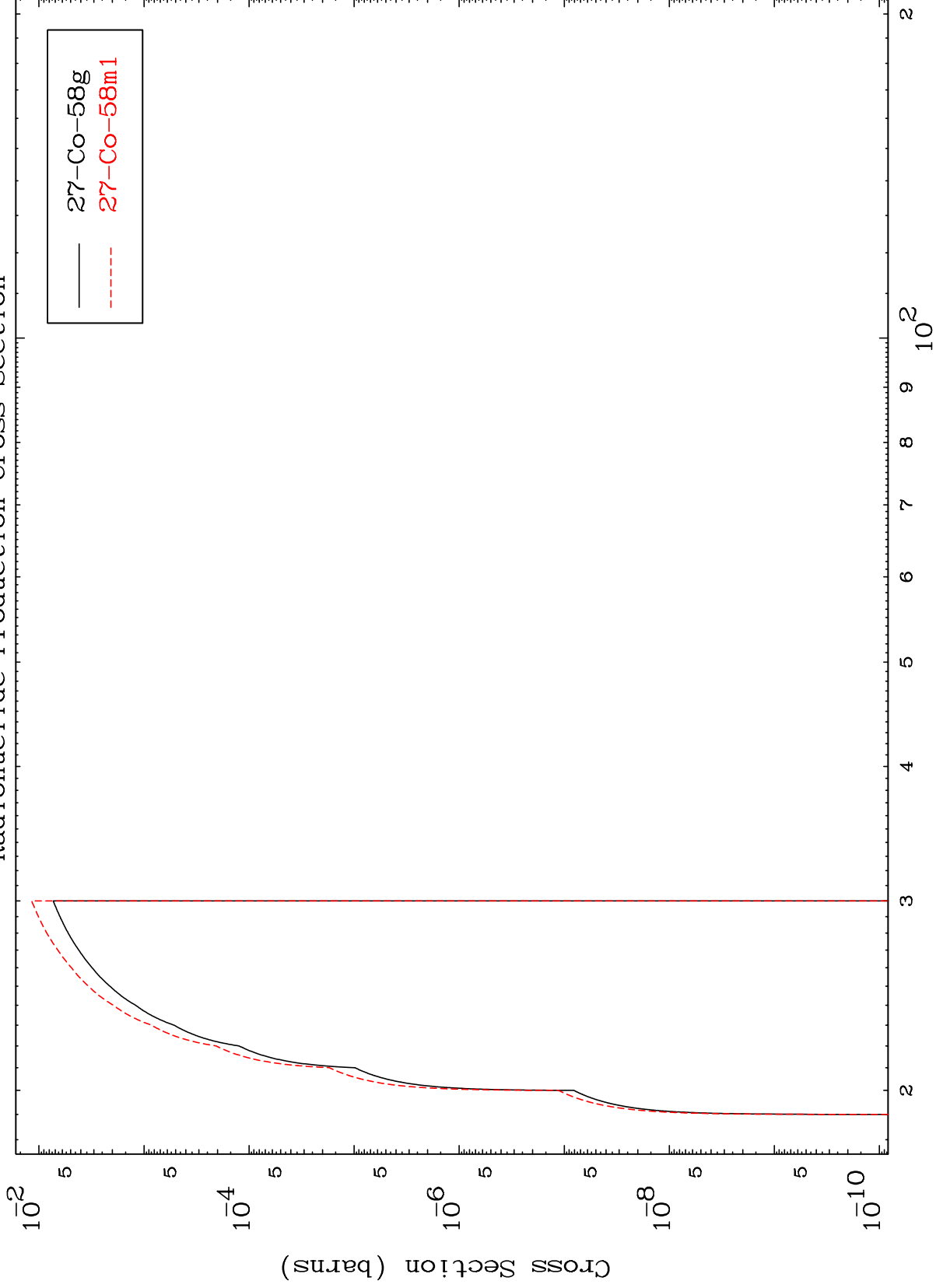


MAT 2831

(n,n') d

28-Ni-60

Radionuclide Production Cross Section



110

Incident Energy (MeV)

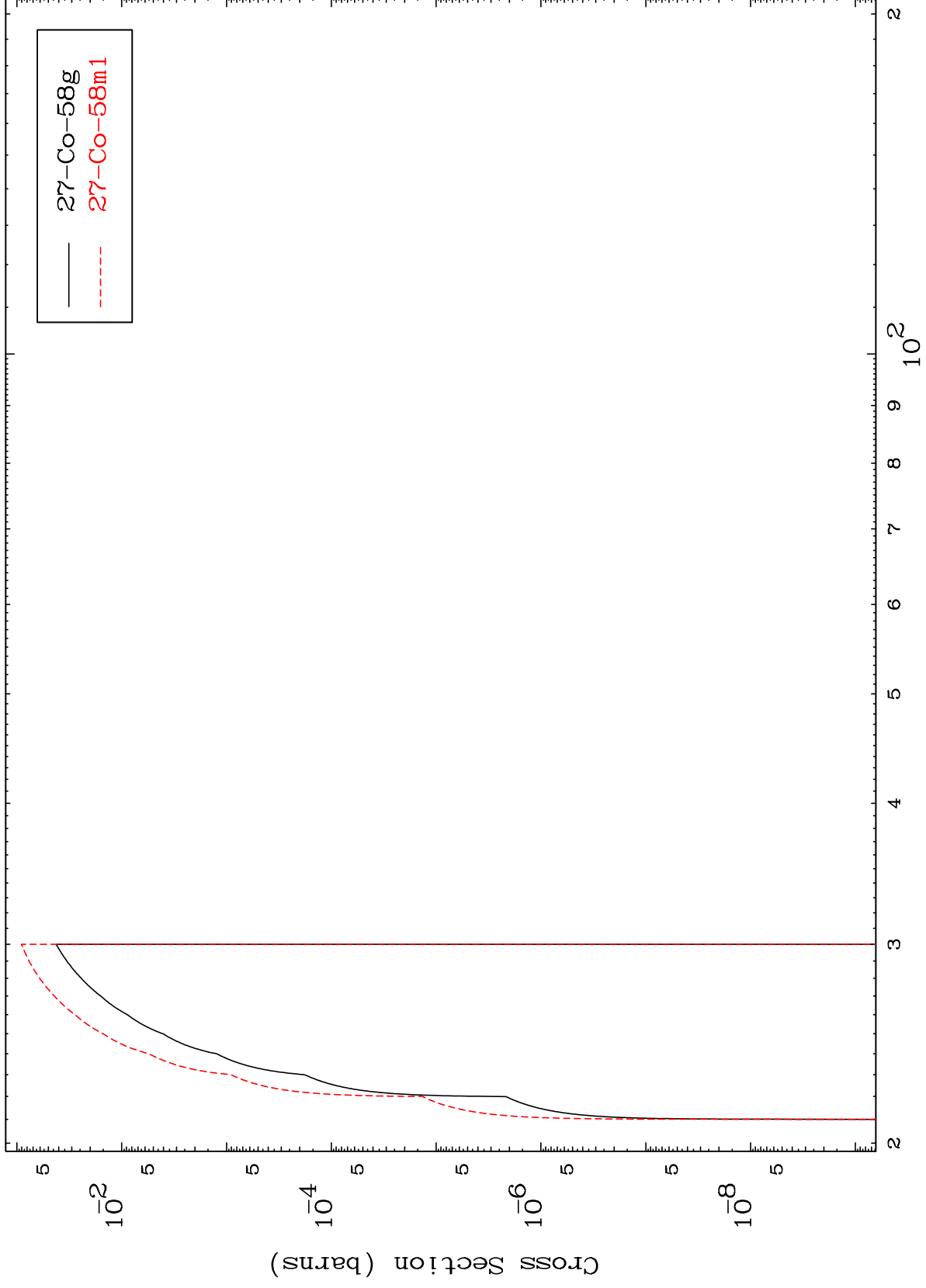
28-Ni-60

MAT 2831

(n,2n) p

28-Ni-60

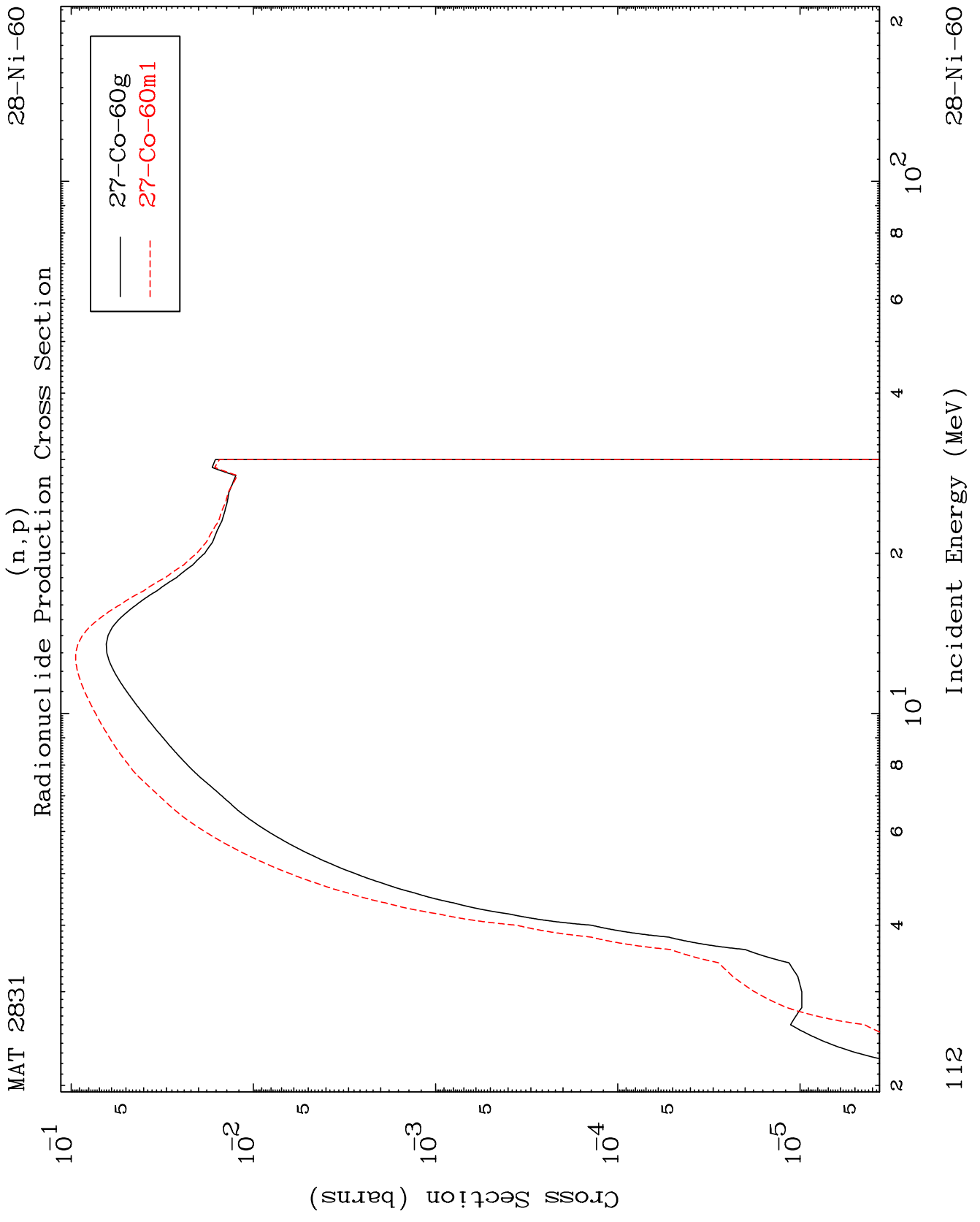
Radionuclide Production Cross Section



111

Incident Energy (MeV)

28-Ni-60



(n,t)
Radionuclide Production Cross Section

