

Program EVALPLOT
(Version 2021-1)

by

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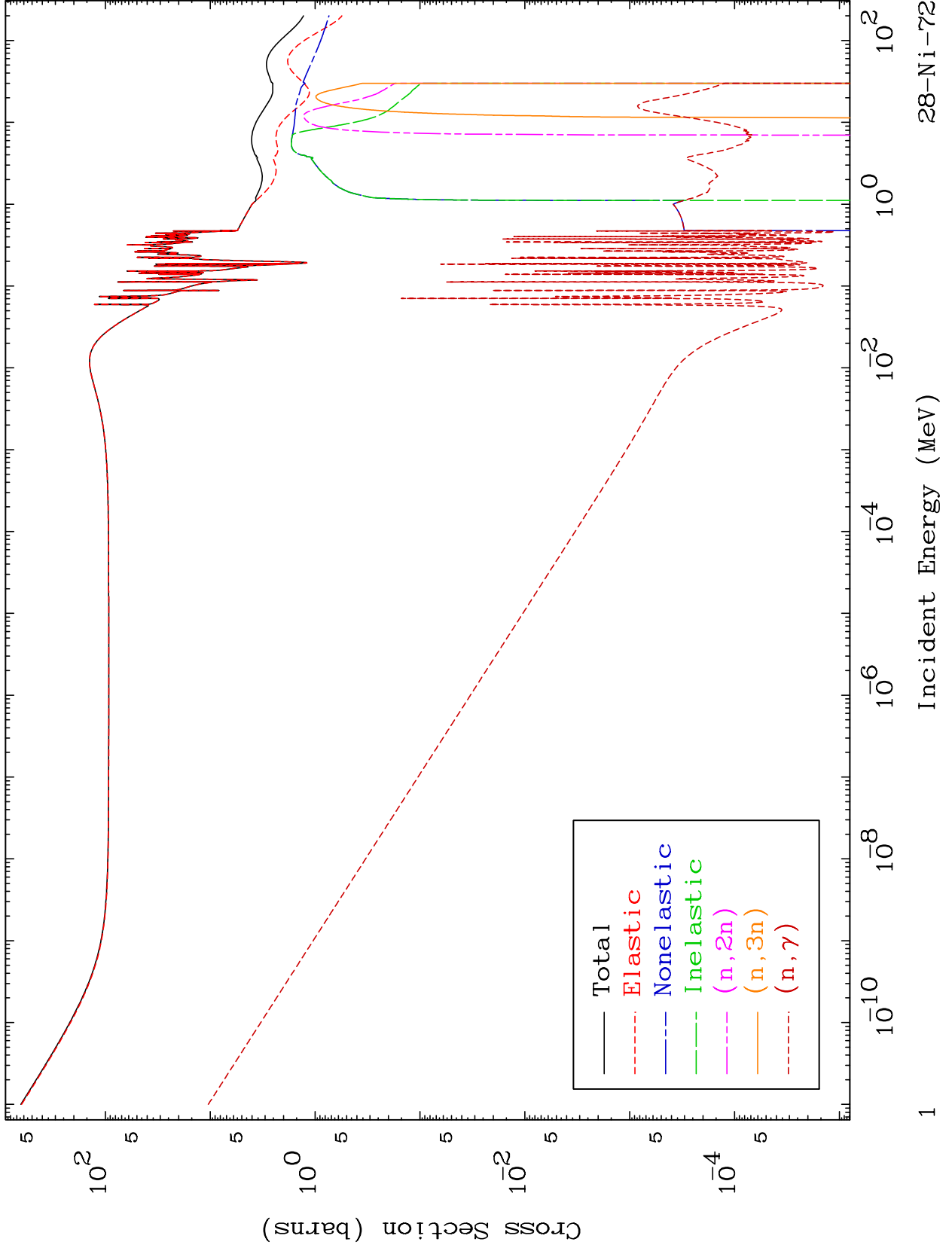
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2867

Neutron Major
293 Kelvin Cross Sections

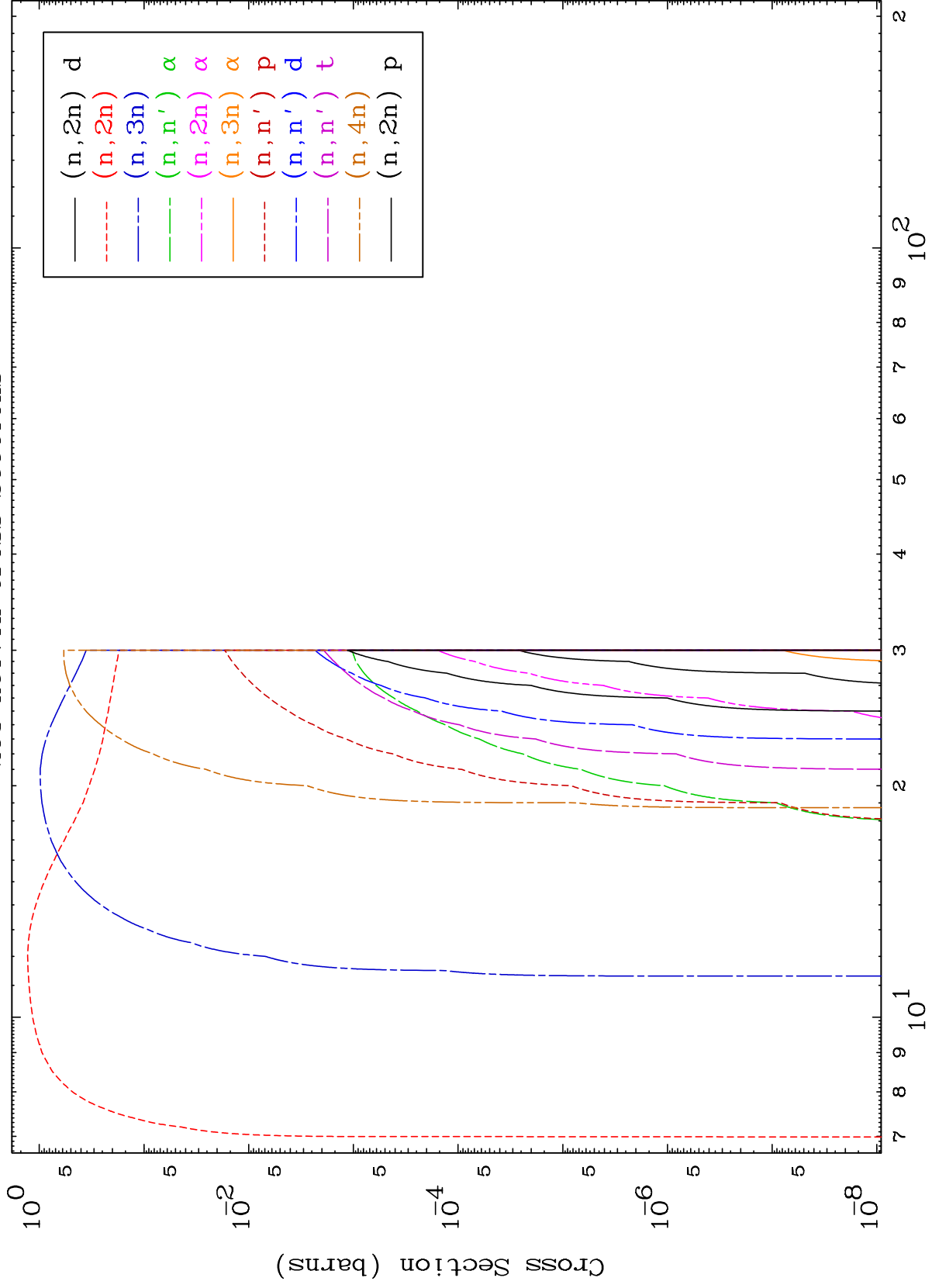
28-Ni-72



MAT 2867

Neutron Absorption
293 Kelvin Cross Sections

28-Ni-72



2

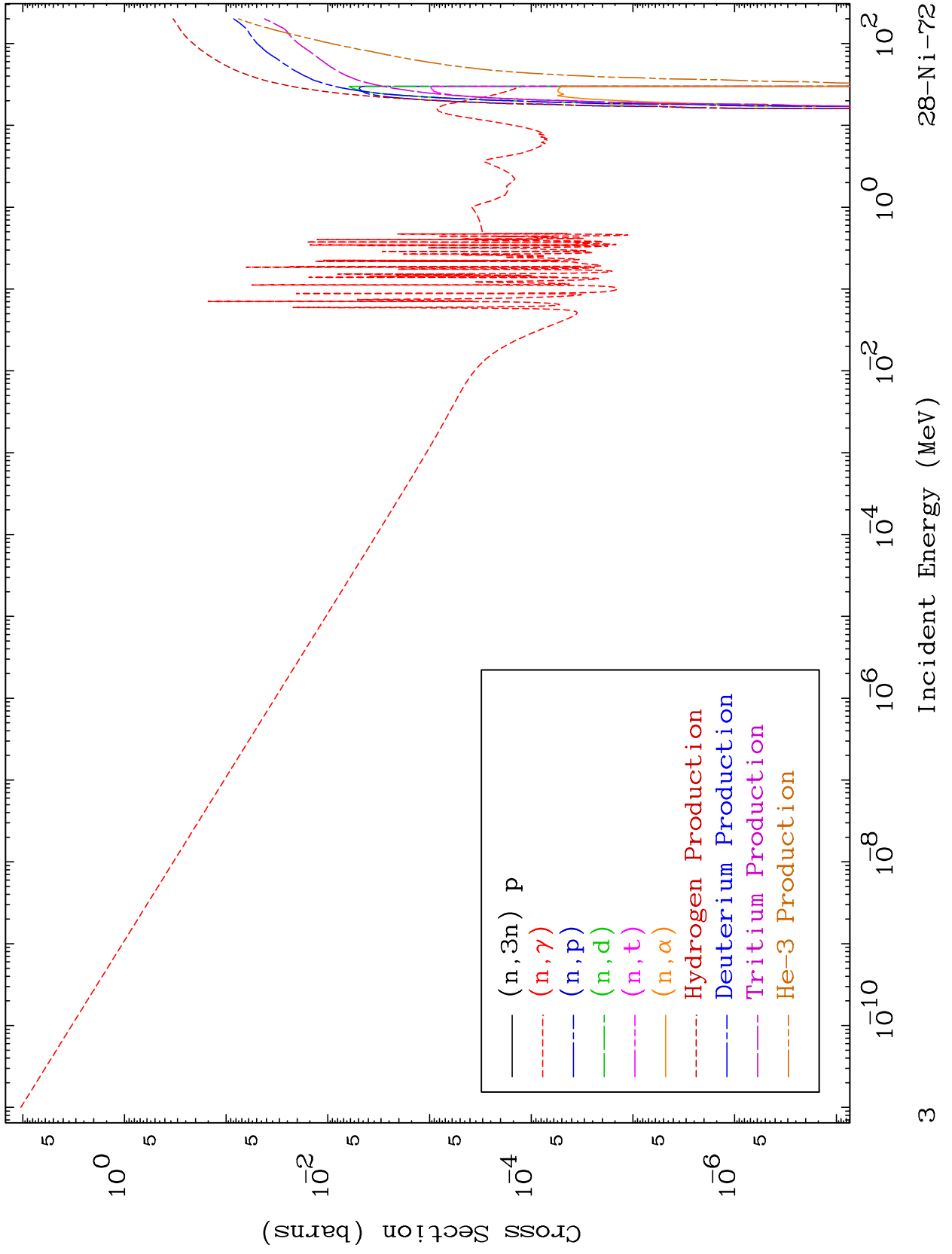
Incident Energy (MeV)

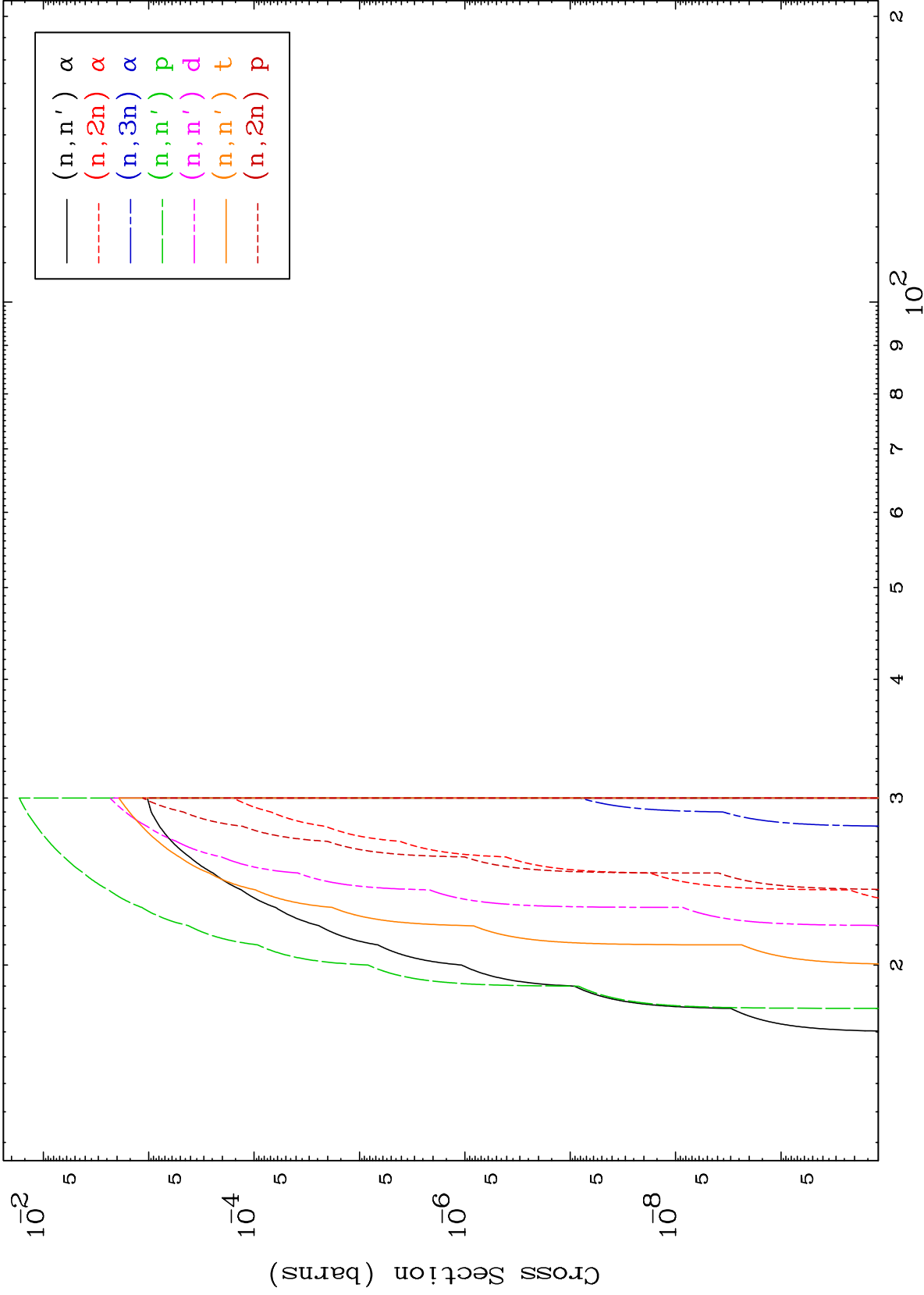
28-Ni-72

MAT 2867

Neutron Absorption
293 Kelvin Cross Sections

28-Ni-72

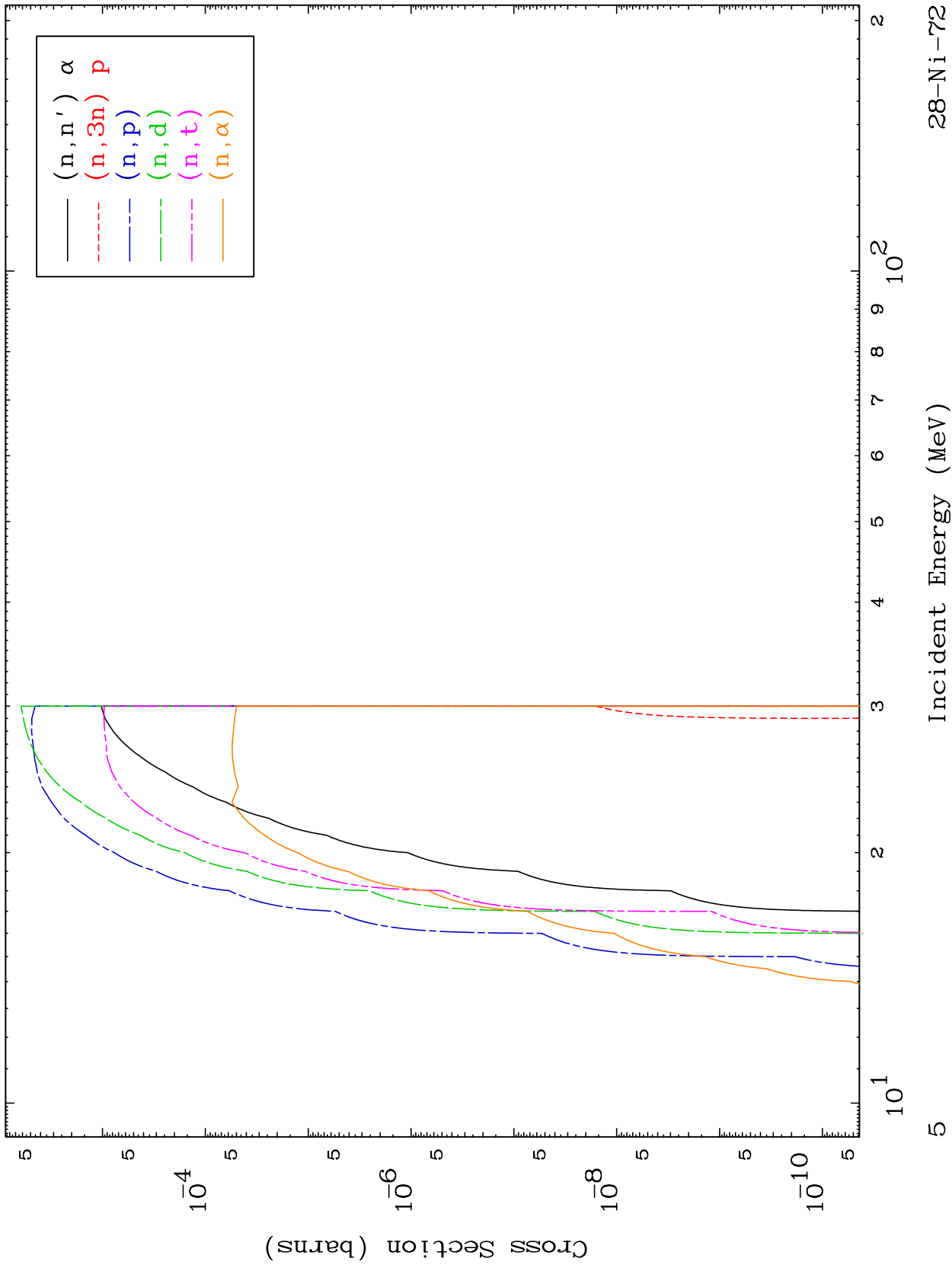




MAT 2867

Charged Particle
293 Kelvin Cross Sections

28-Ni-72

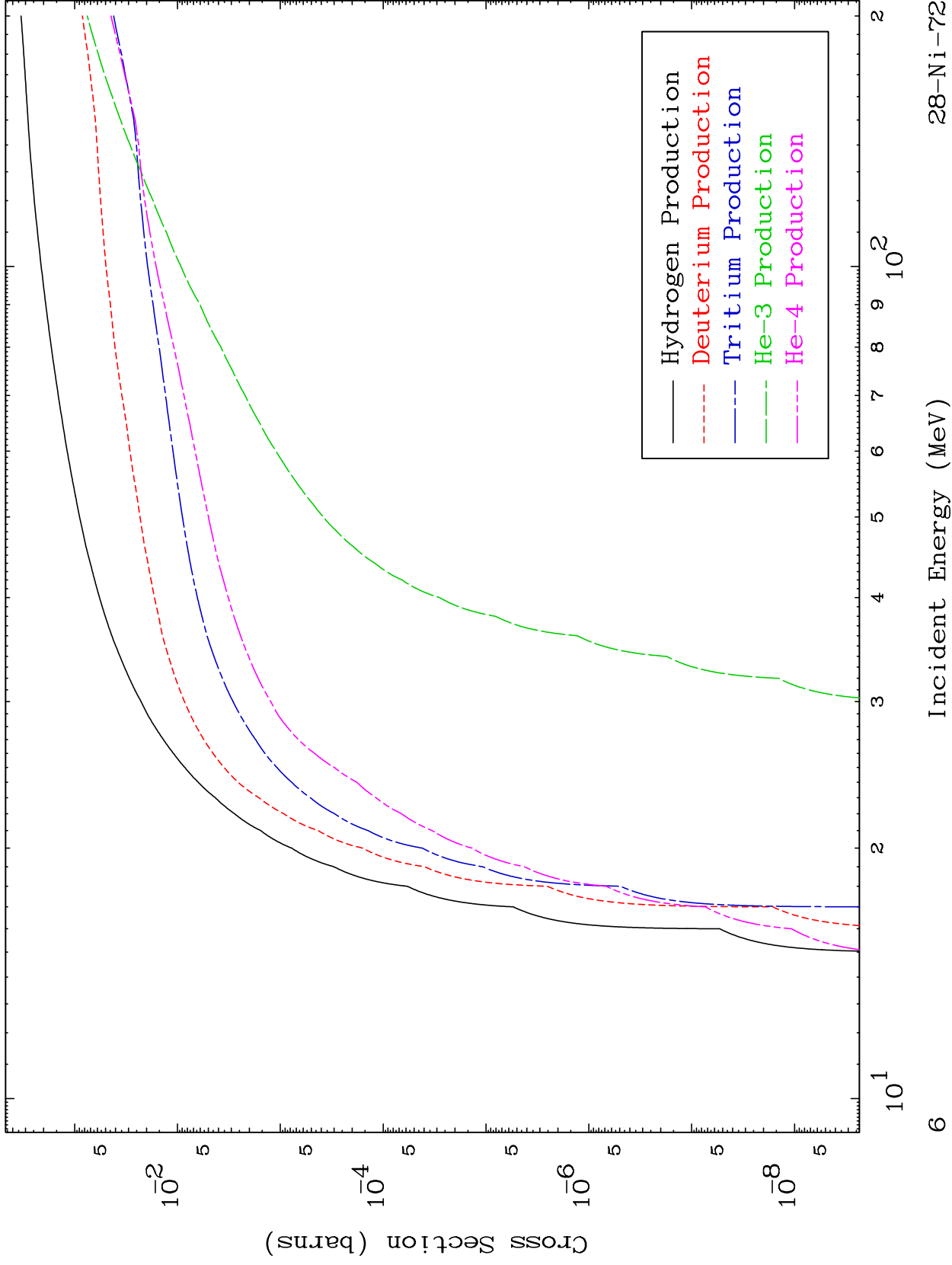


28-Ni-72

MAT 2867

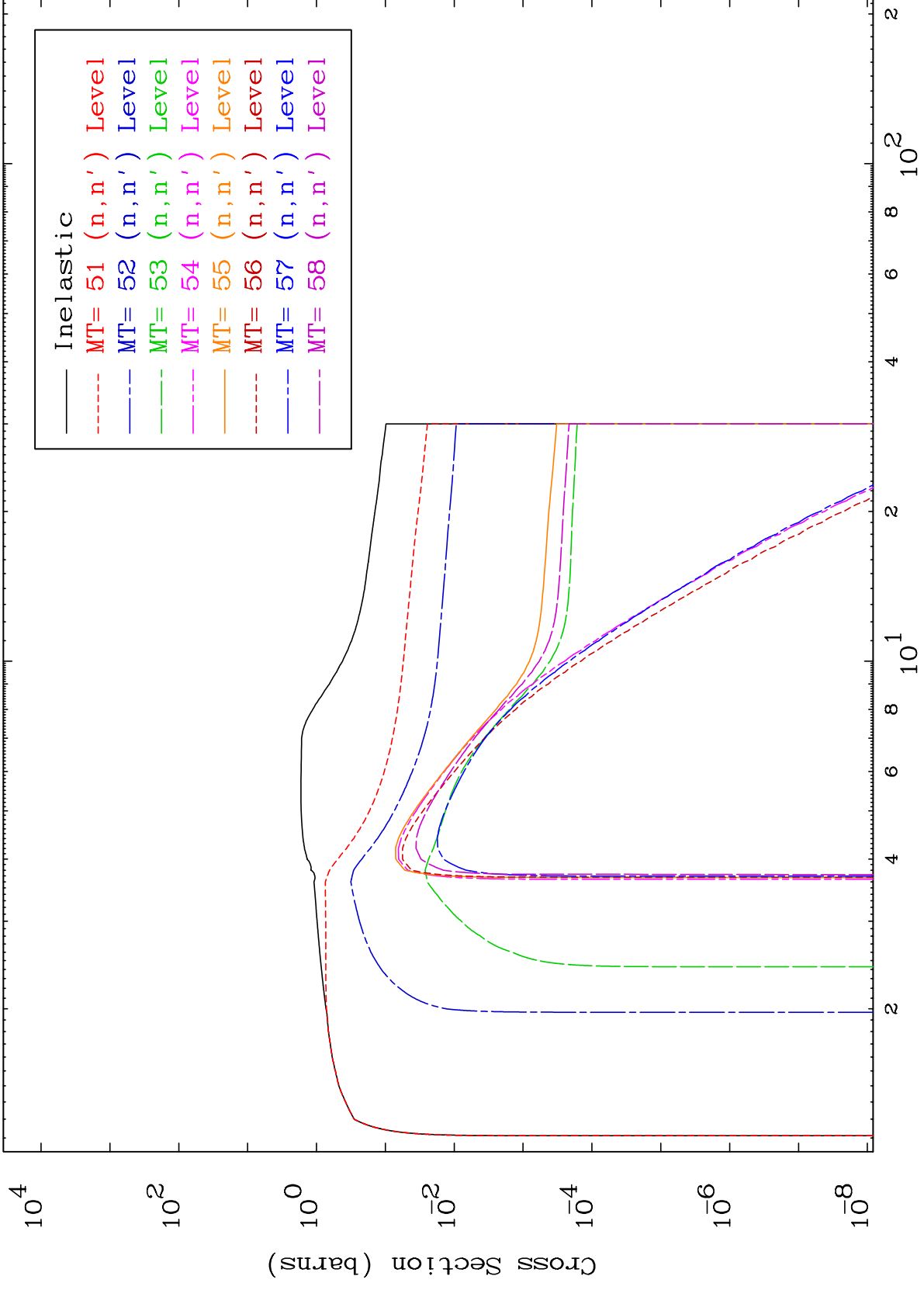
Particle Production
293 Kelvin Cross Sections

28-Ni-72



28-Ni-72

Incident Energy (MeV)

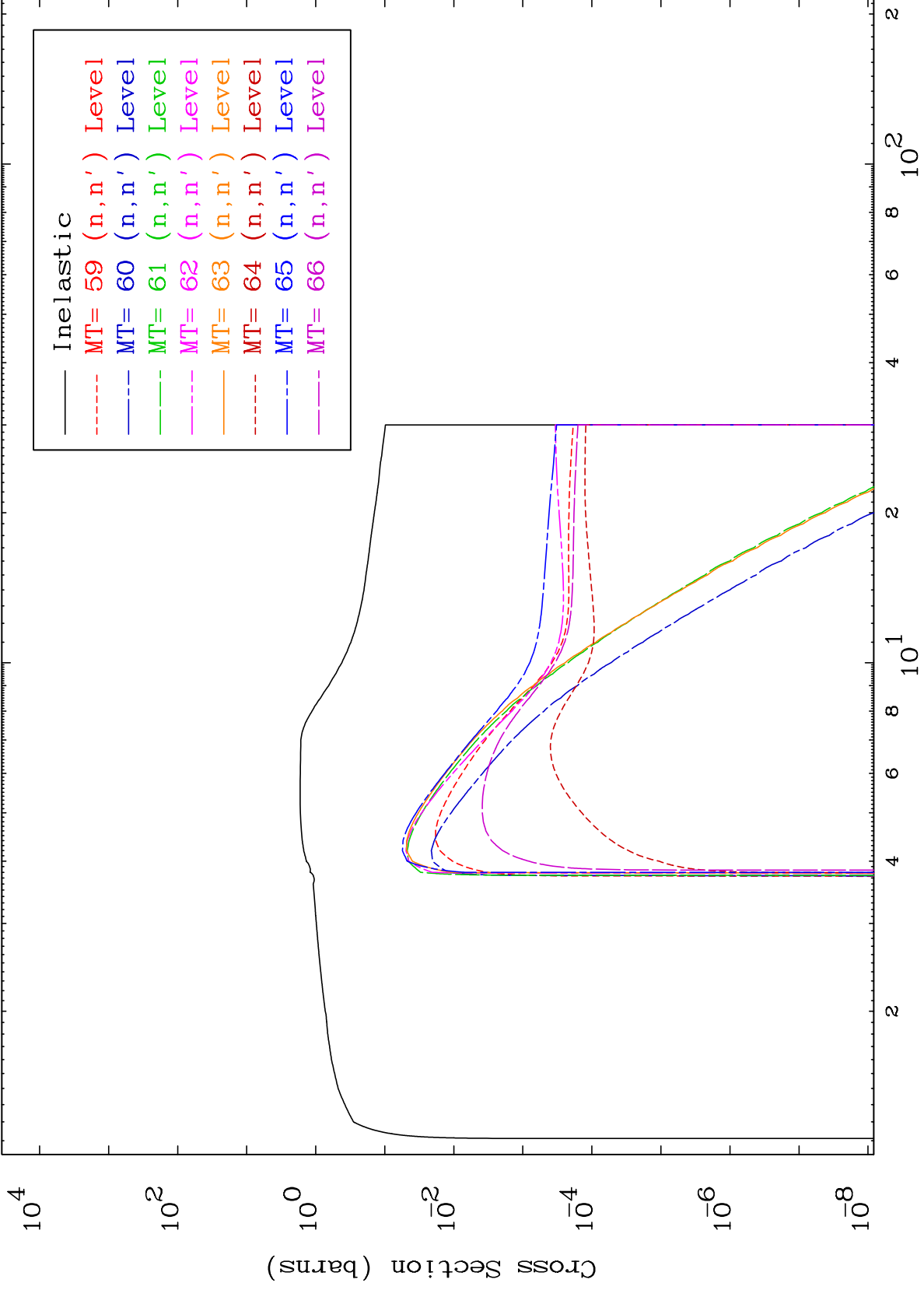


MAT 2867

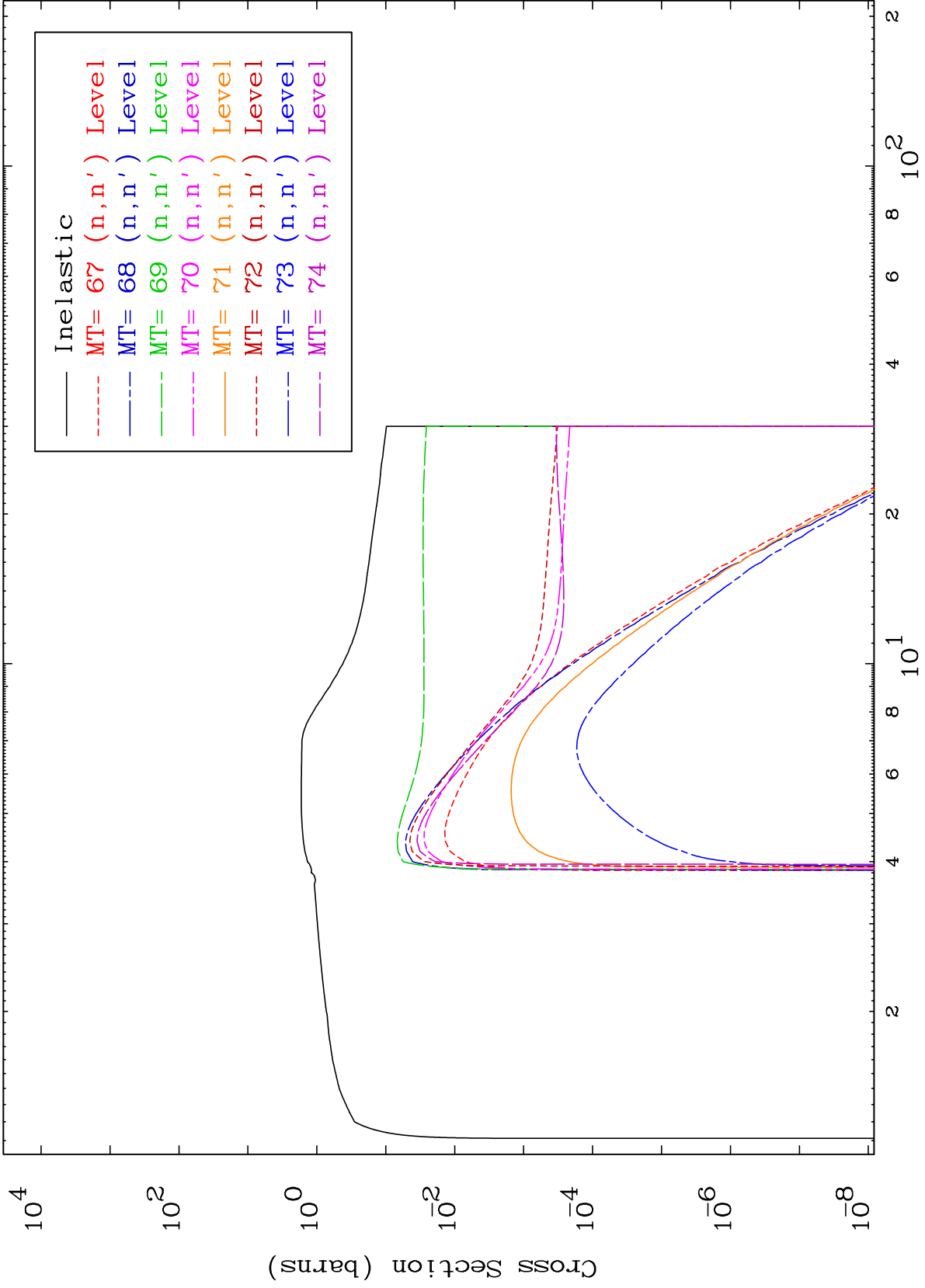
(n,n') Levels

28-Ni-72

293 Kelvin Cross Sections



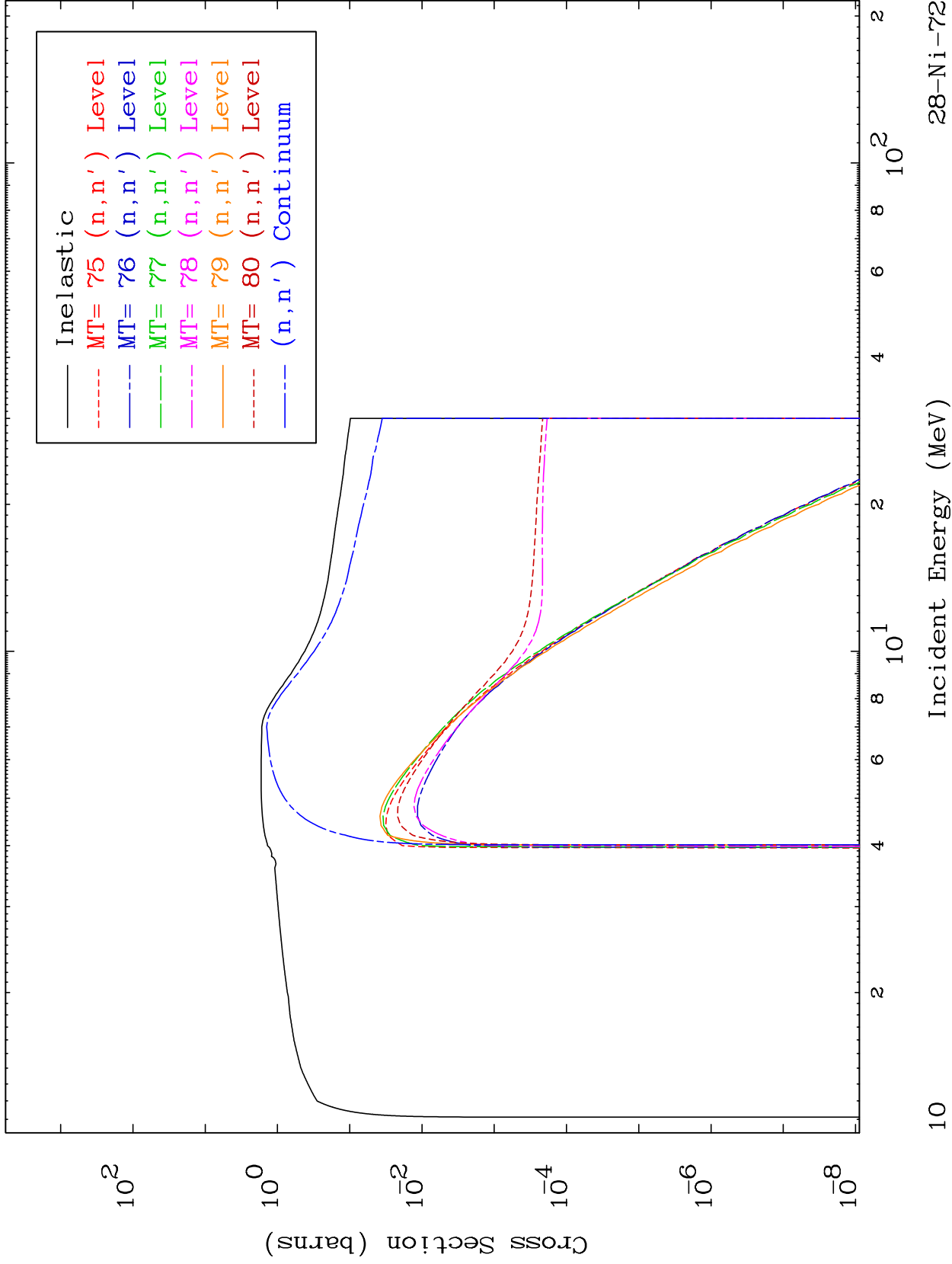
293 Kelvin Cross Sections



MAT 2867

(n,n') Levels
293 Kelvin Cross Sections

28-Ni-72

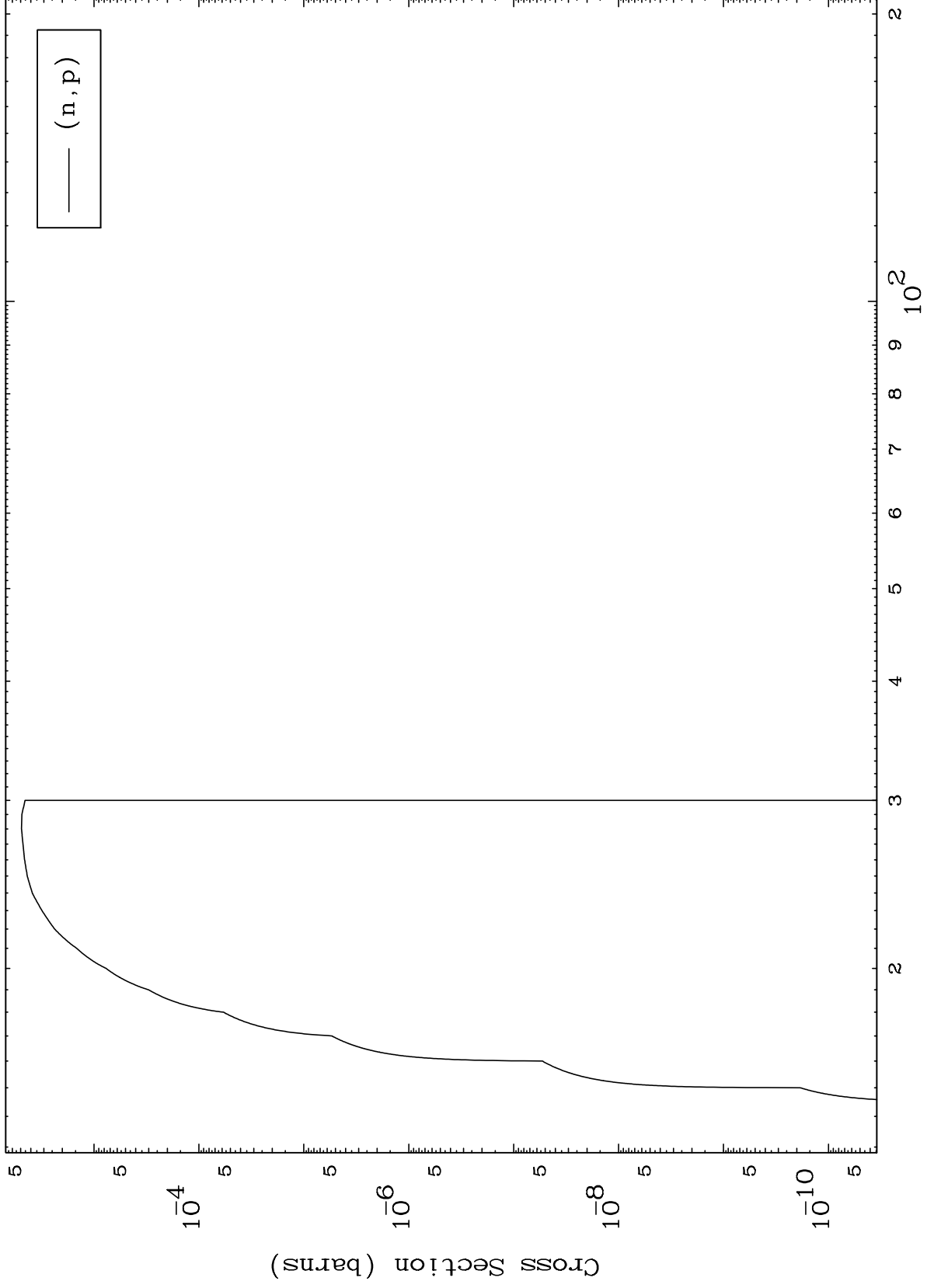


10

MAT 2867

(n,p) Levels
293 Kelvin Cross Sections

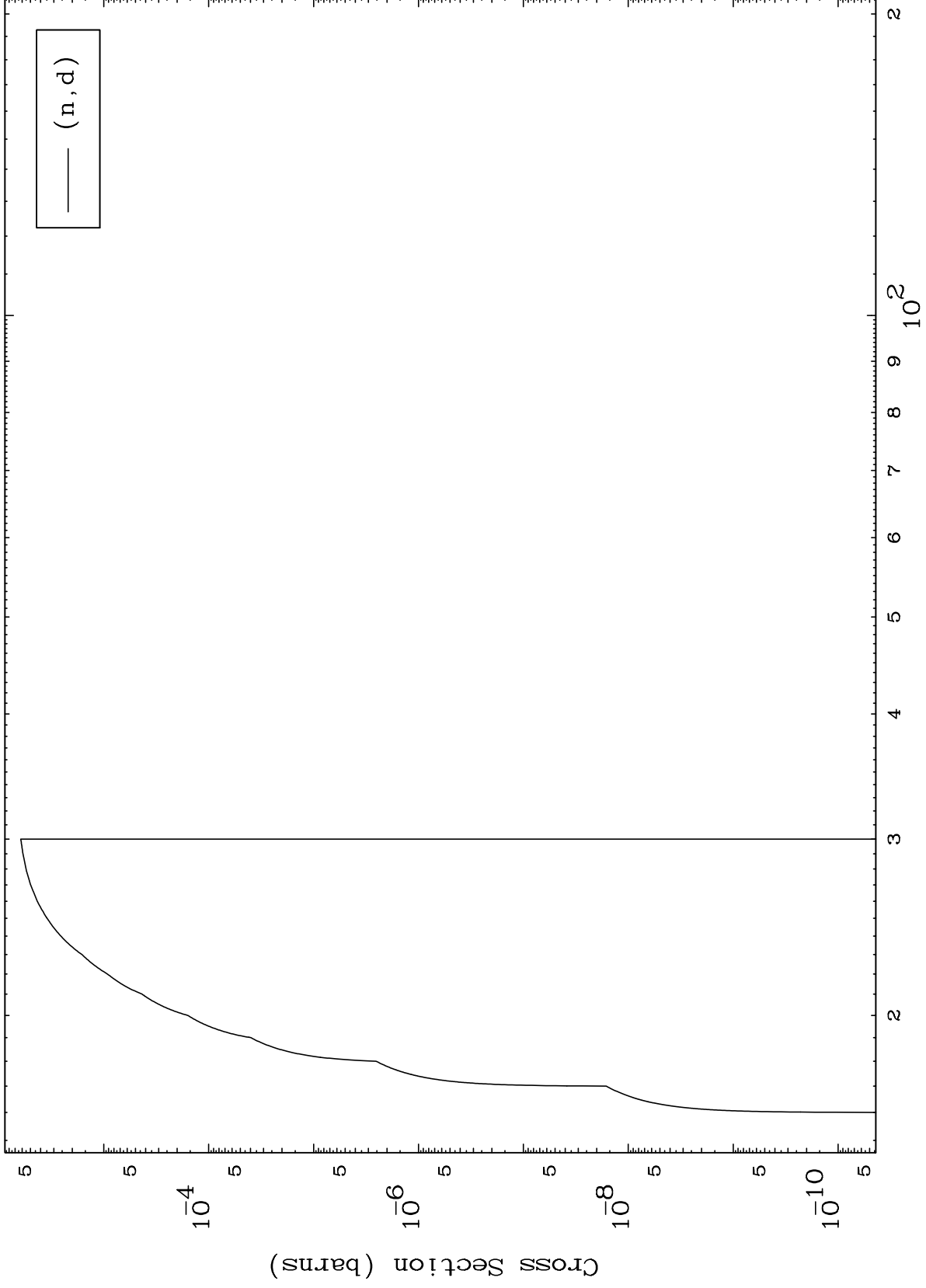
28-Ni-72



MAT 2867

(n,d) Levels
293 Kelvin Cross Sections

28-Ni-72



12

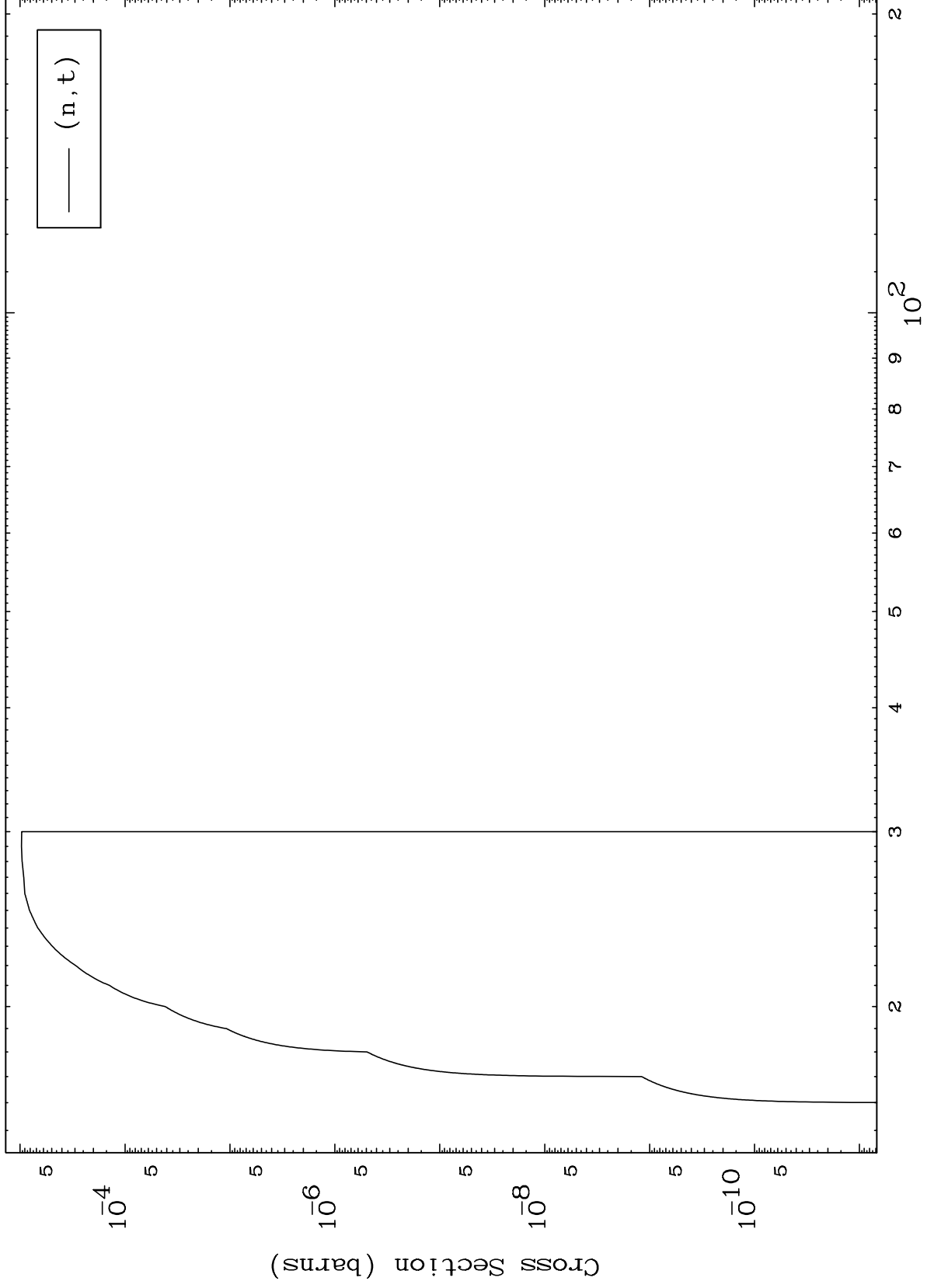
Incident Energy (MeV)

28-Ni-72

MAT 2867

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-72



13

Incident Energy (MeV)

28-Ni-72

MAT 2867

(n, α) Levels
293 Kelvin Cross Sections

28-Ni-72



28-Ni-72

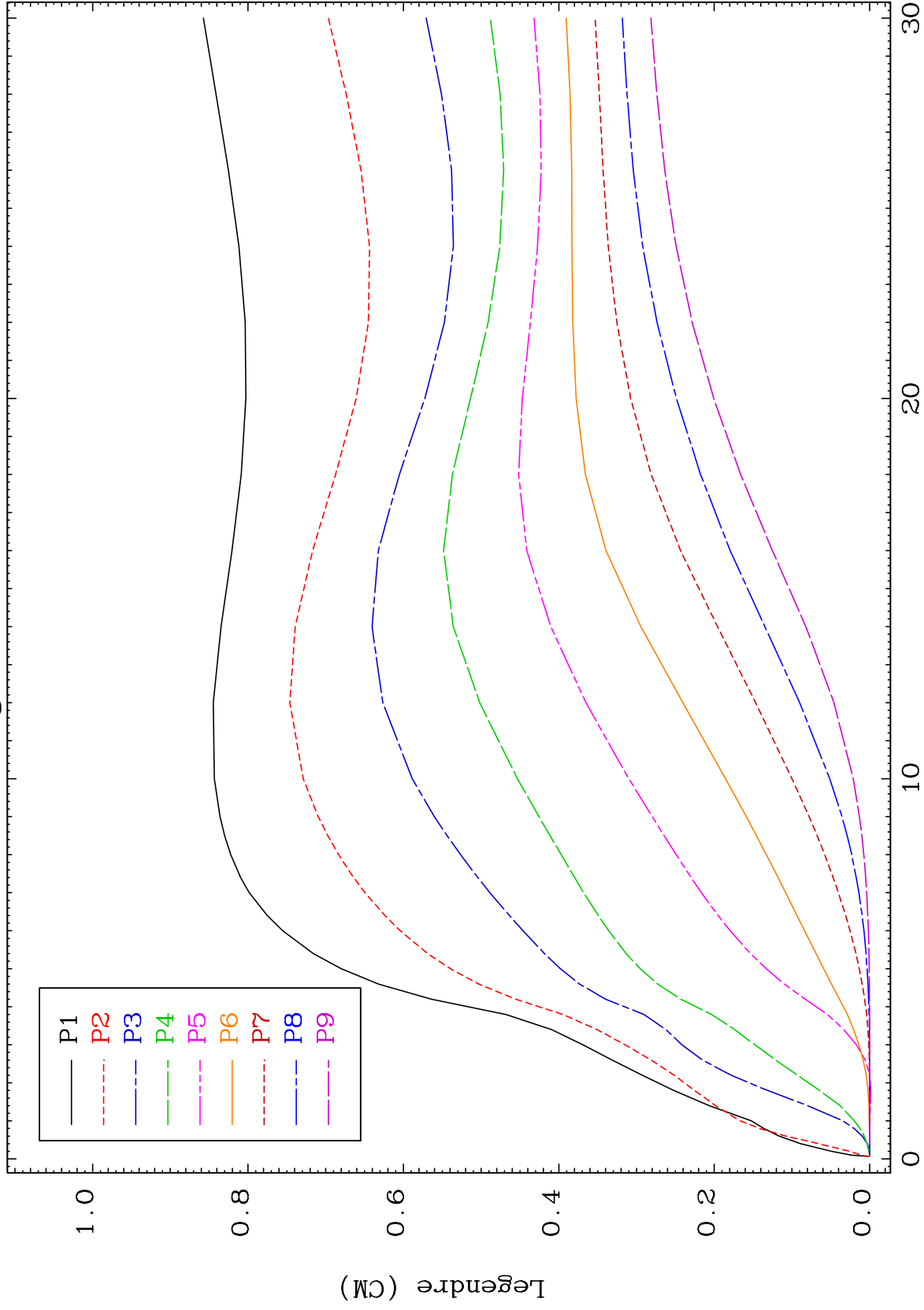
Incident Energy (MeV)

14

MAT 2867

Elastic Legendre Coefficients

²⁸Ni-72



15

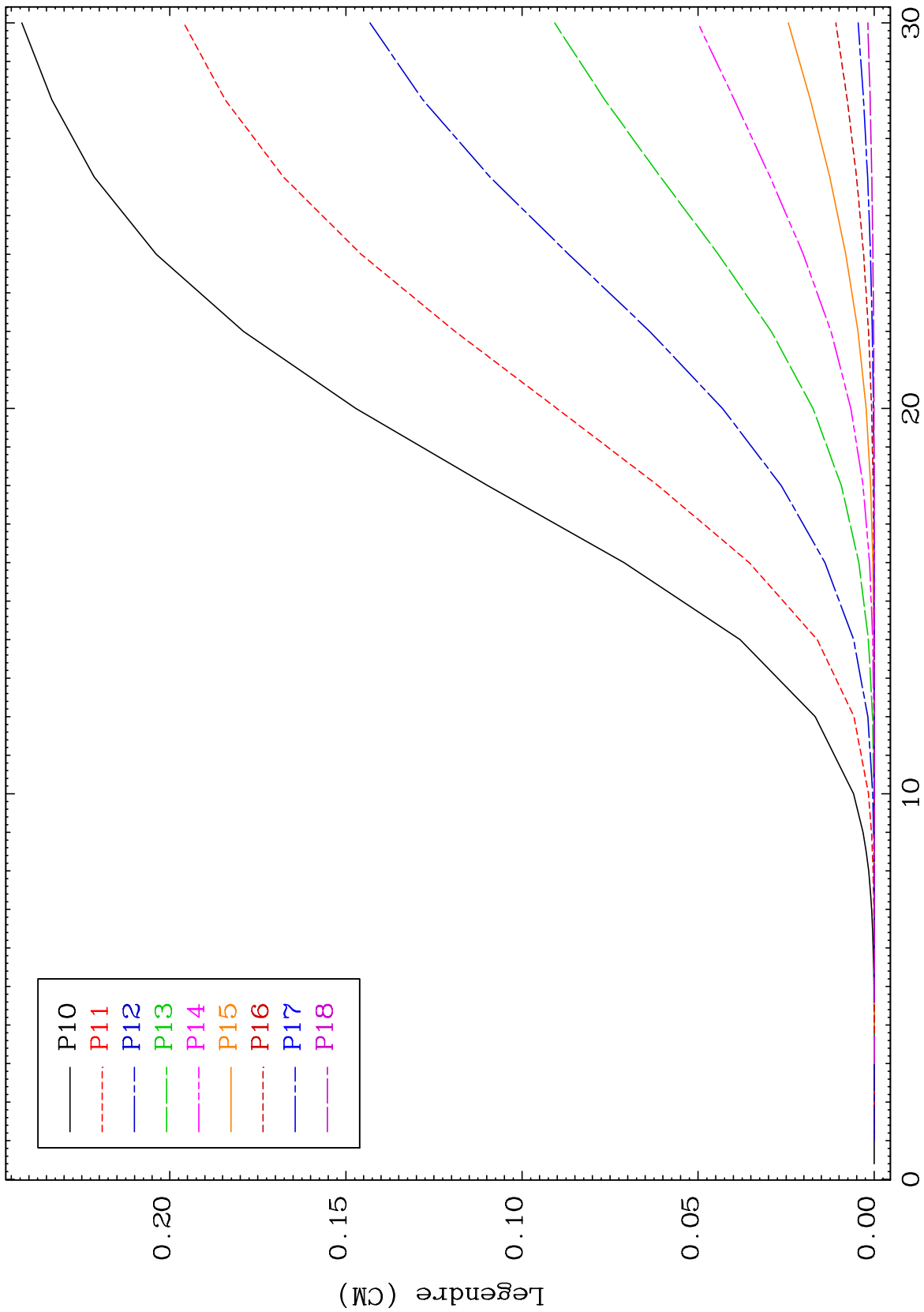
Incident Energy (MeV)

²⁸Ni-72

MAT 2867

Elastic Legendre Coefficients

28-Ni-72



16

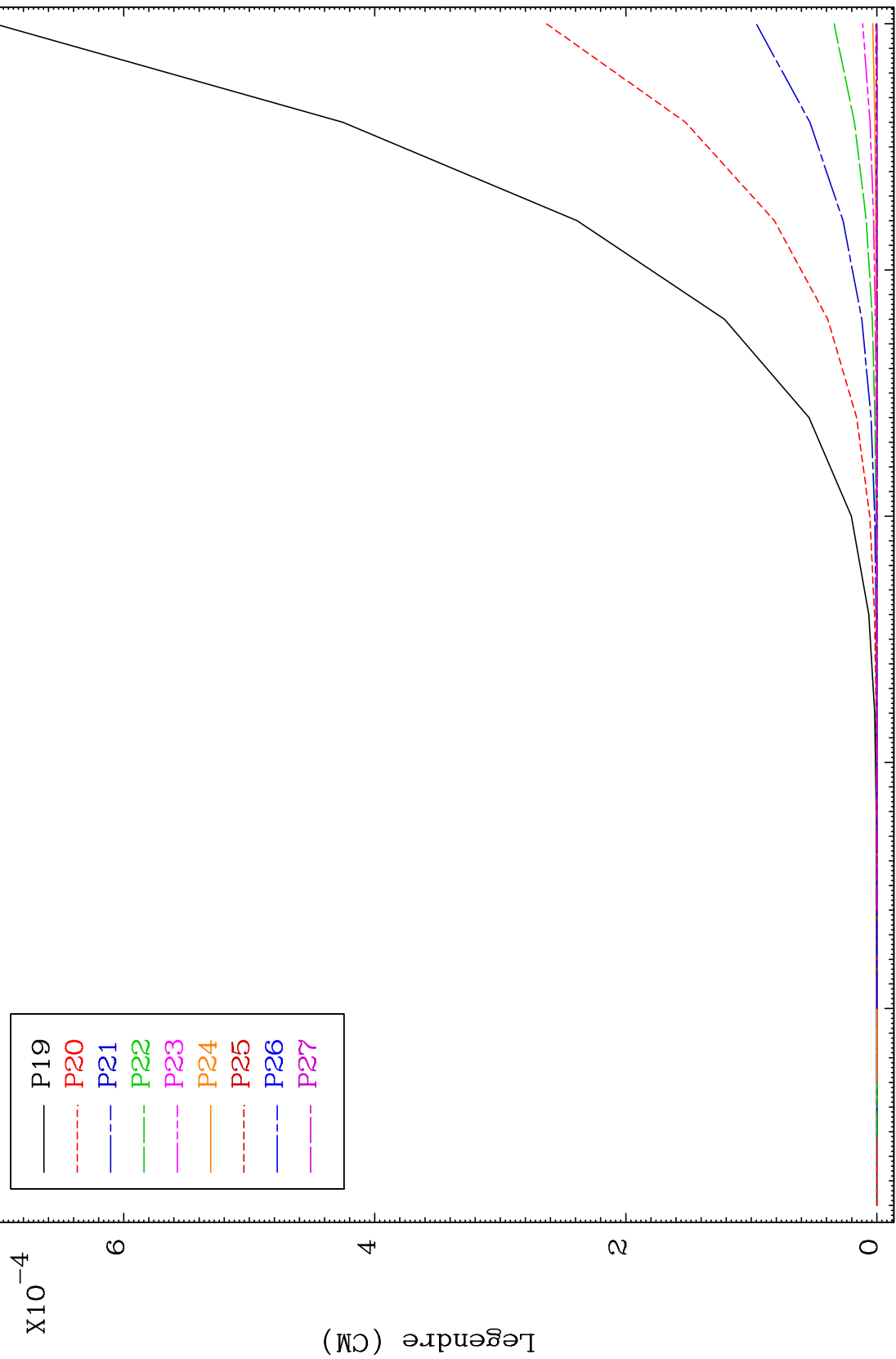
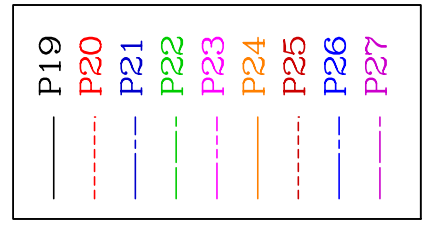
Incident Energy (MeV)

28-Ni-72

MAT 2867

Elastic Legendre Coefficients

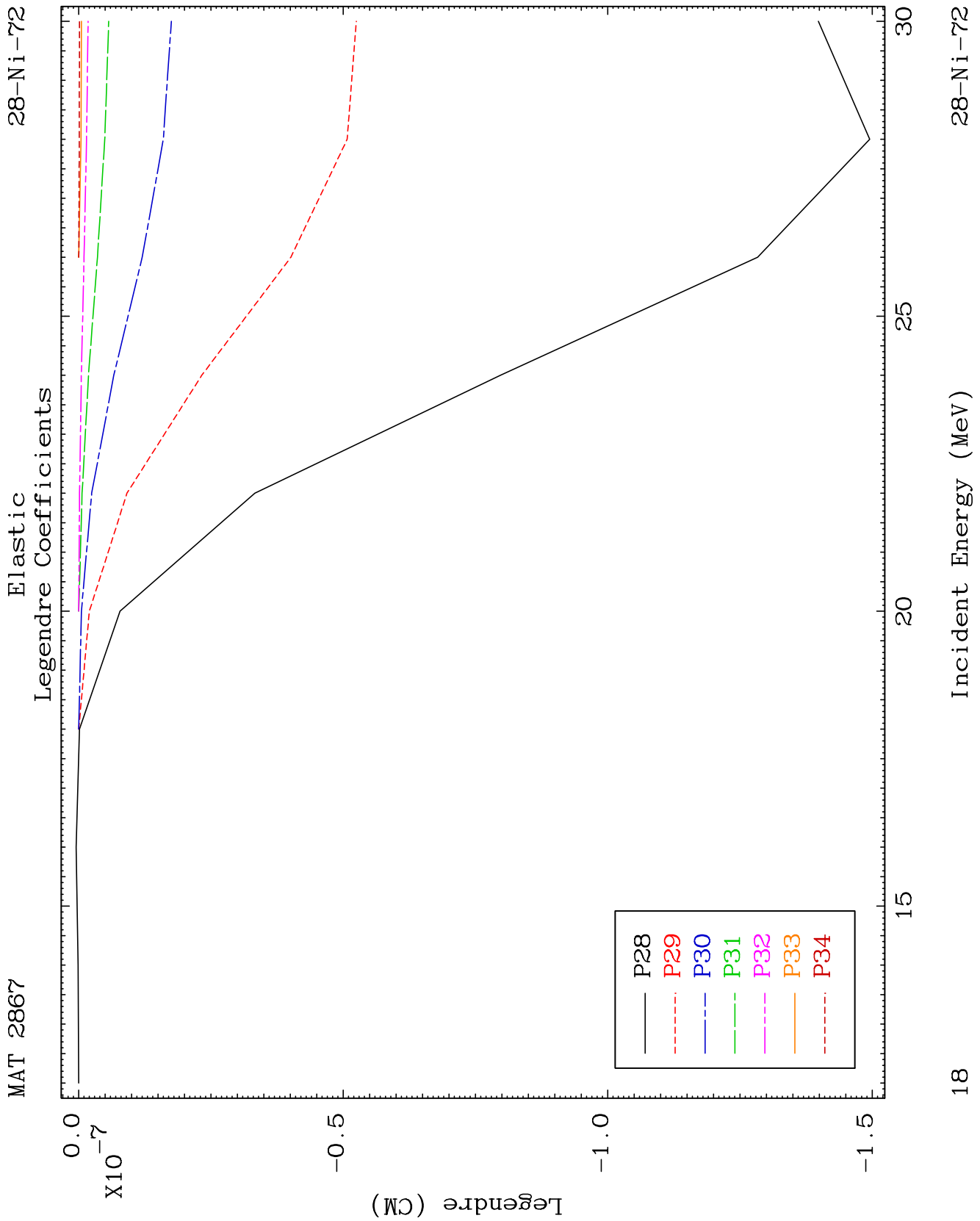
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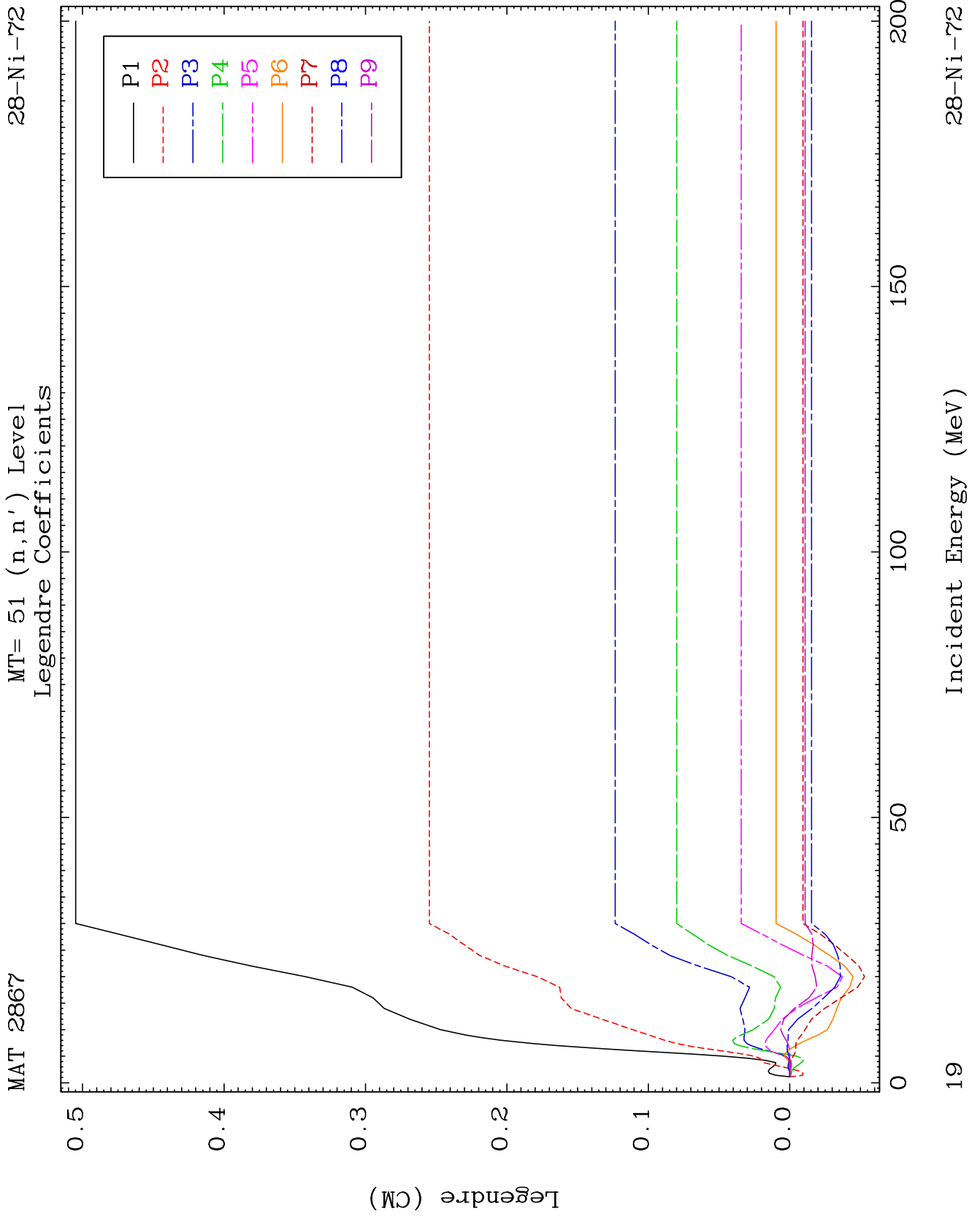


17

Incident Energy (MeV)

28-Ni-72

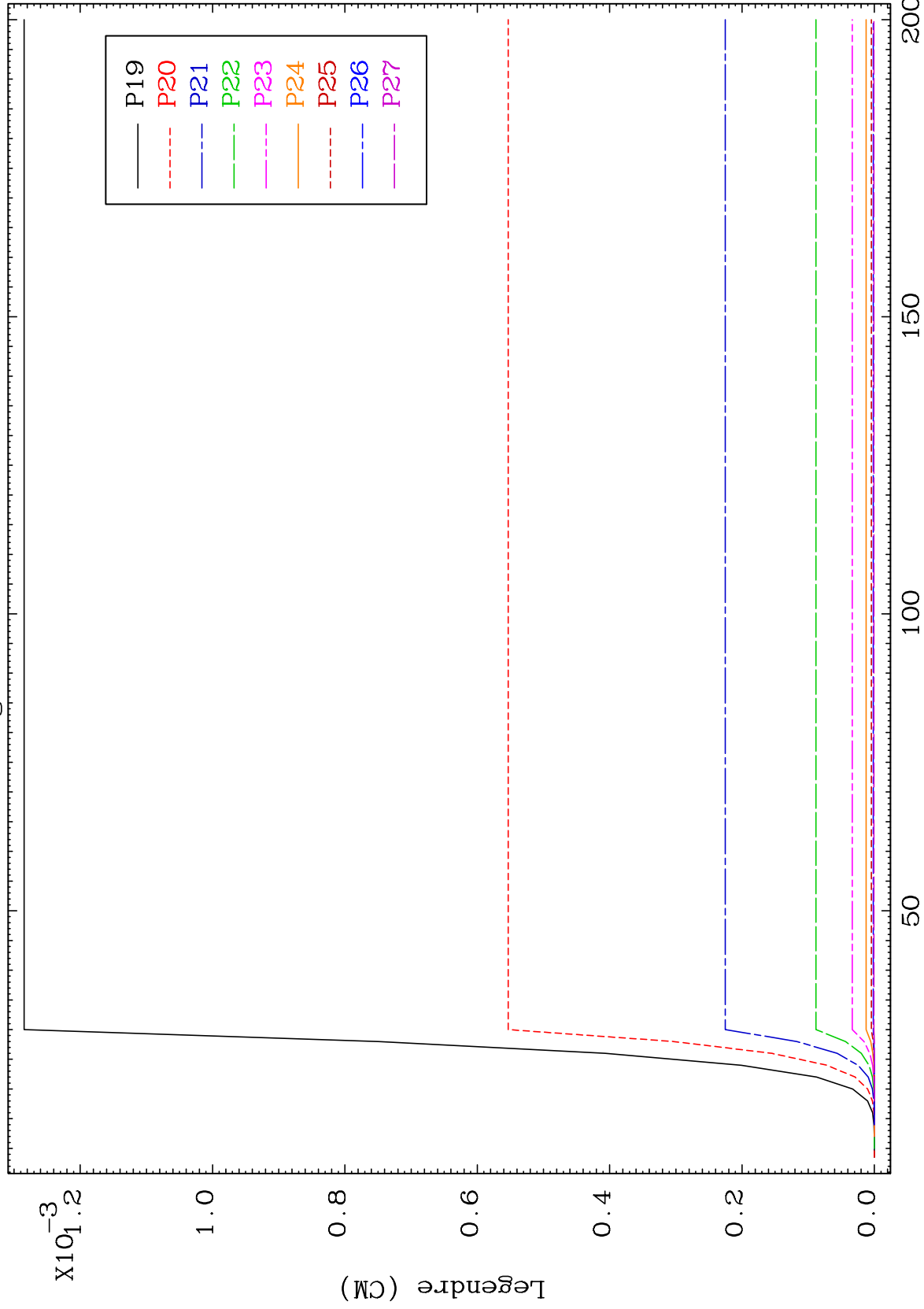




MAT 2867

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

28-Ni-72



21

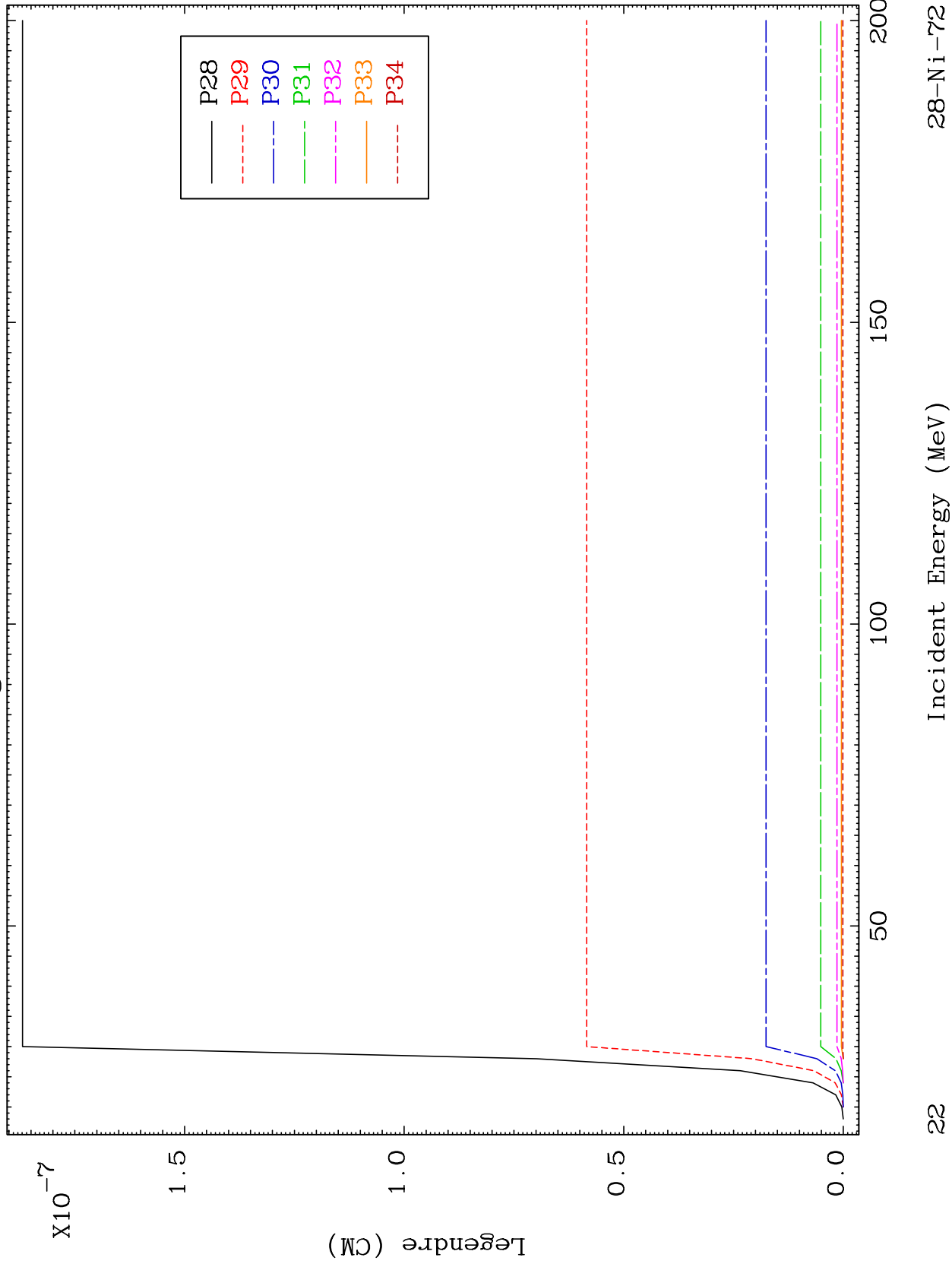
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72

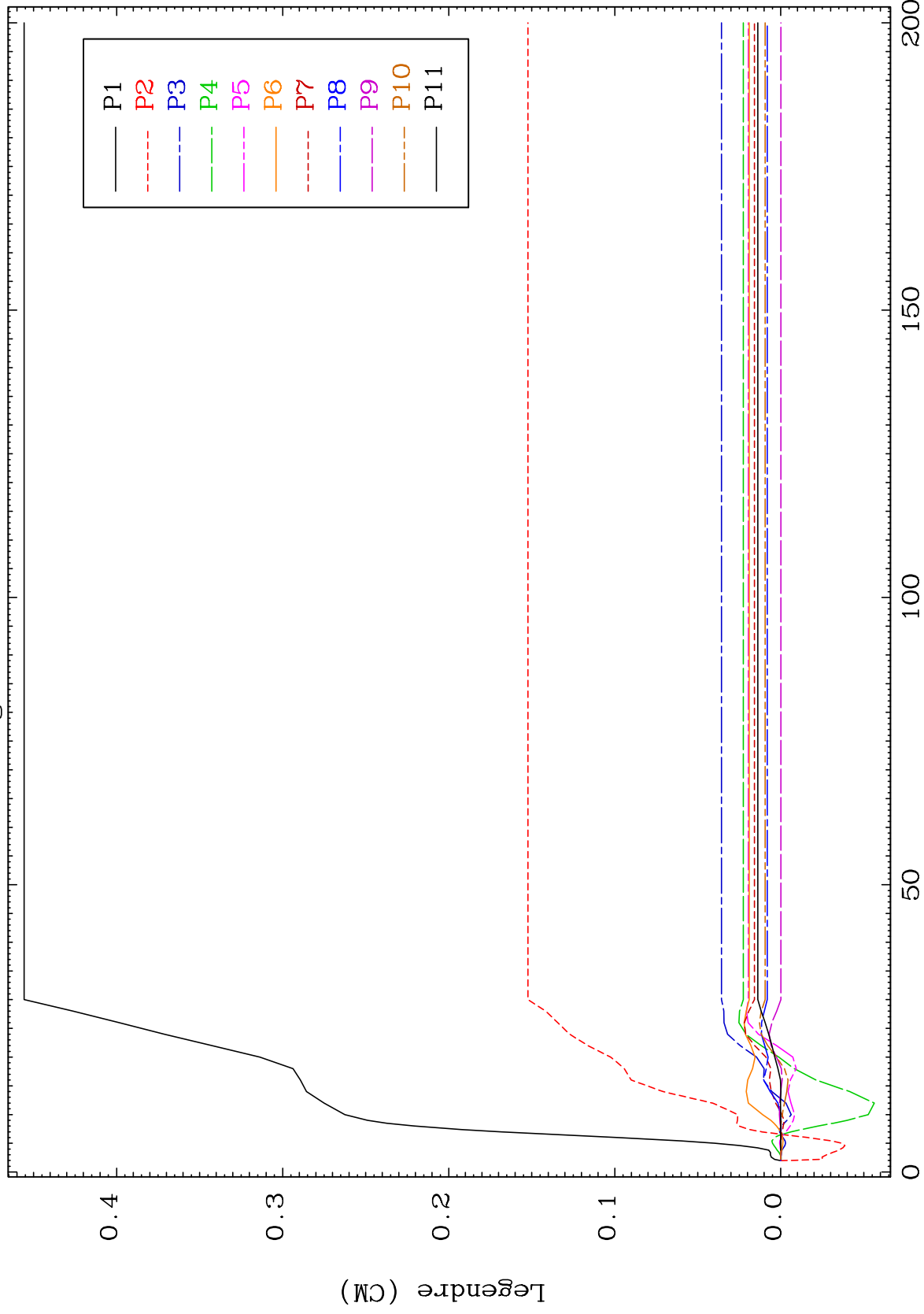


22

MAT 2867

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

28-Ni-72



23

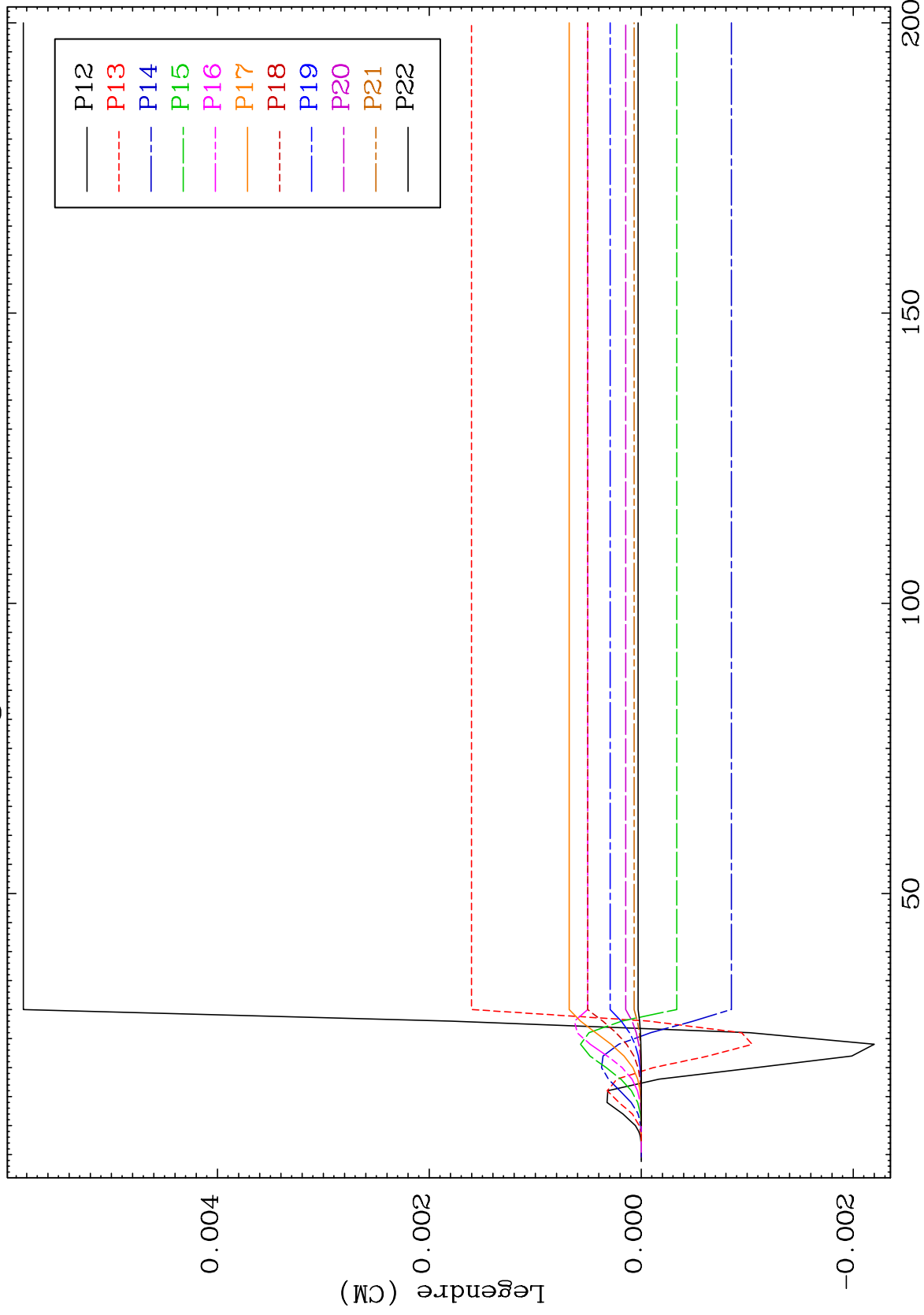
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



24

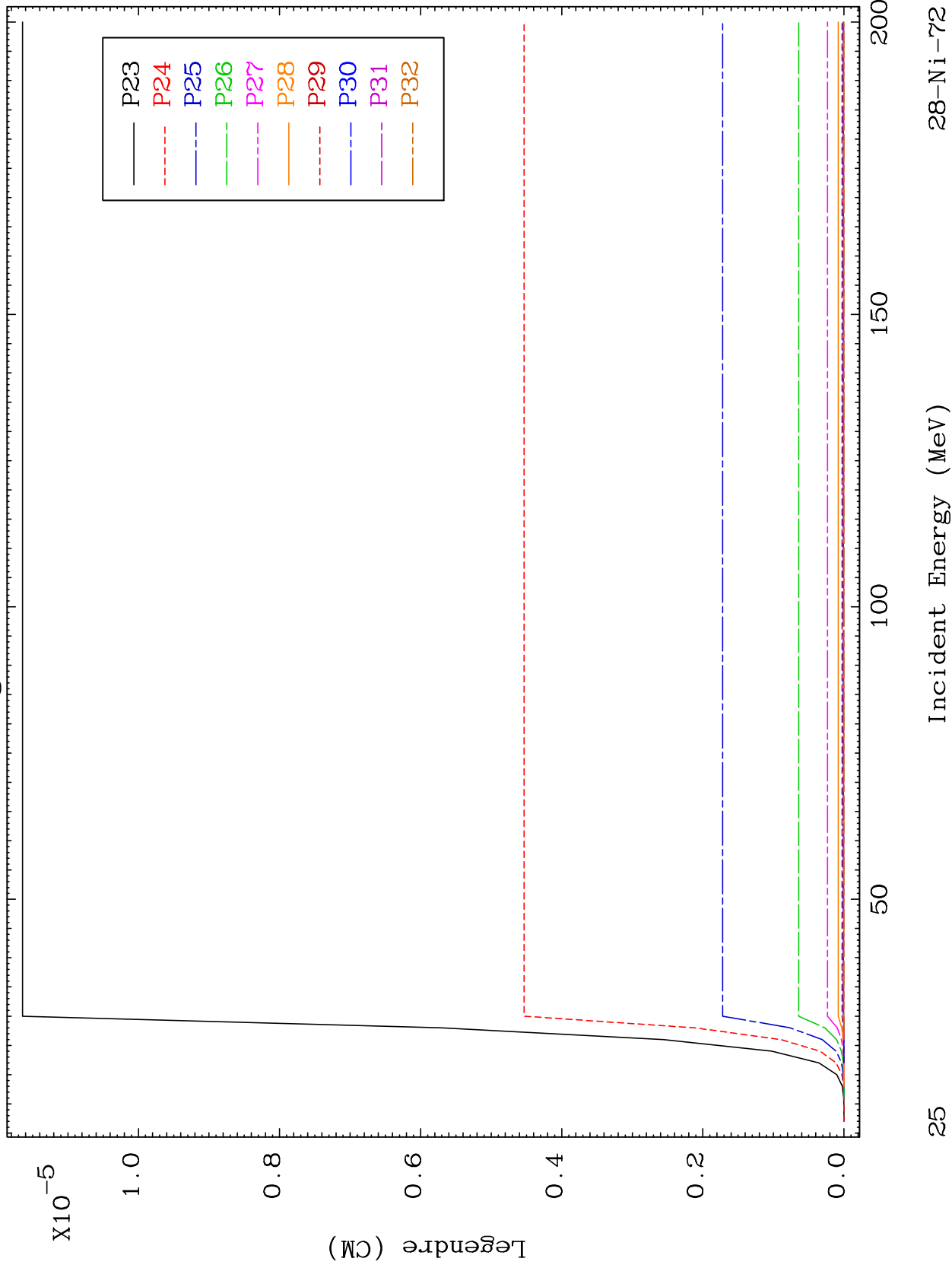
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

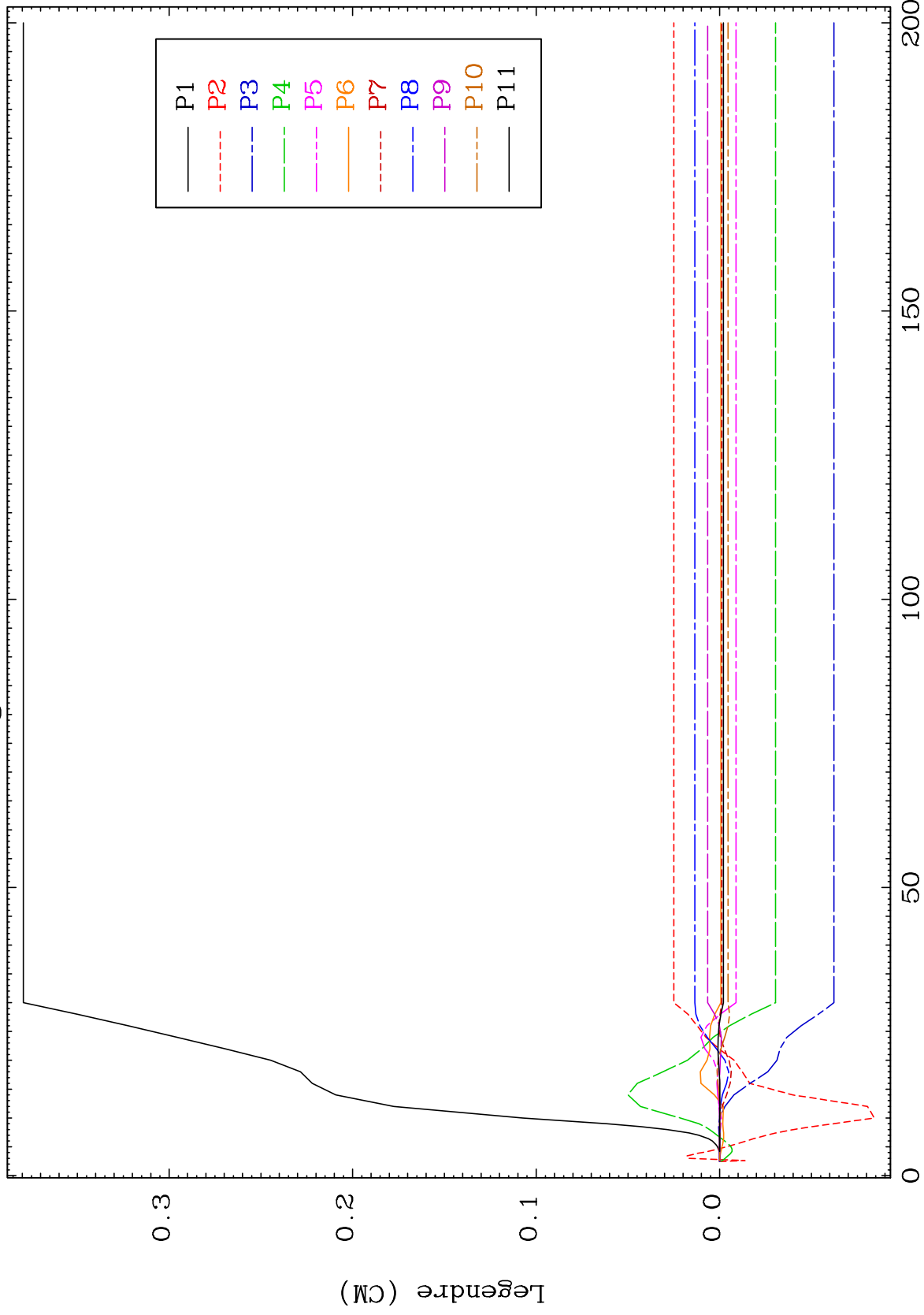
28-Ni-72



MAT 2867

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

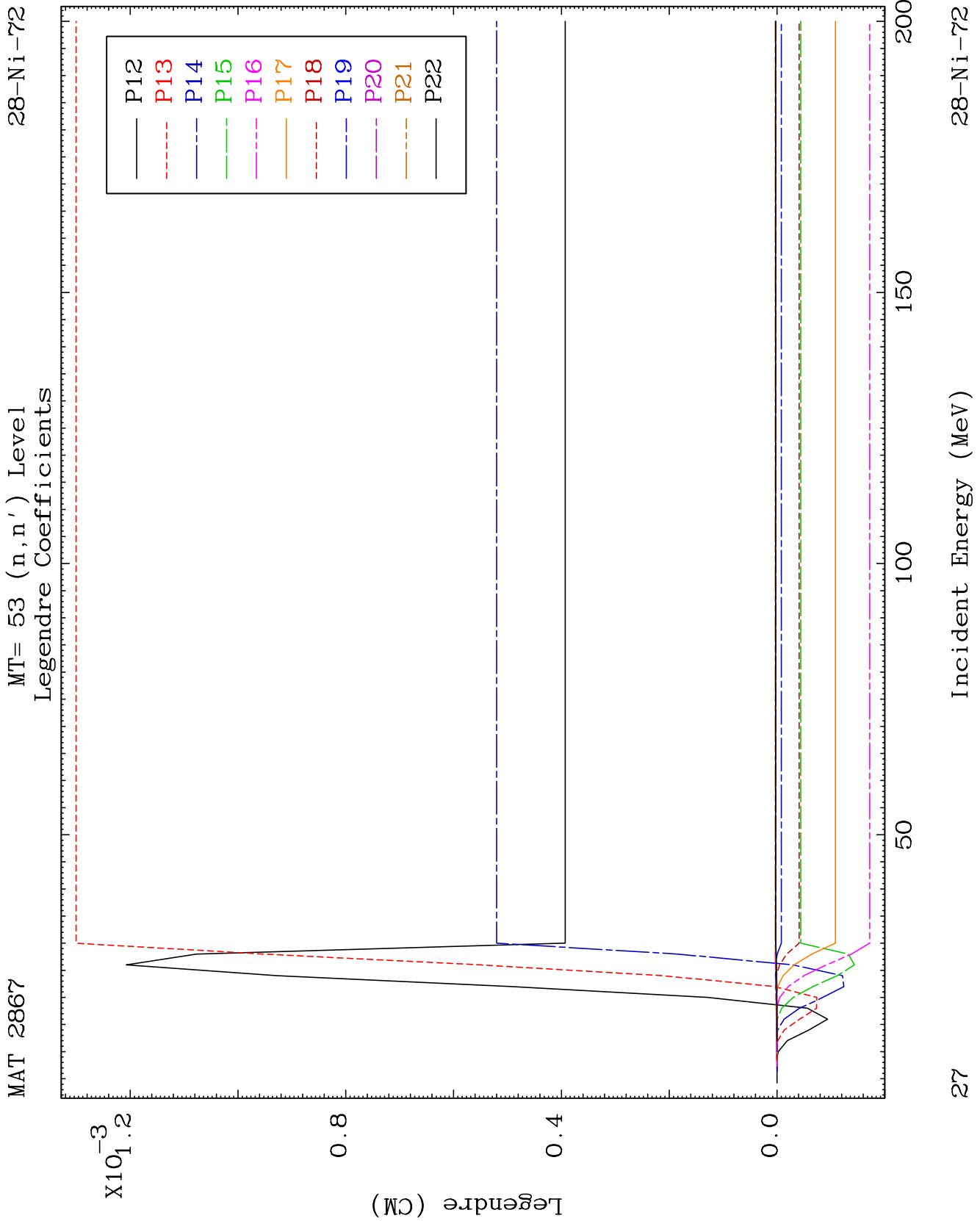
28-Ni-72



26

Incident Energy (MeV)

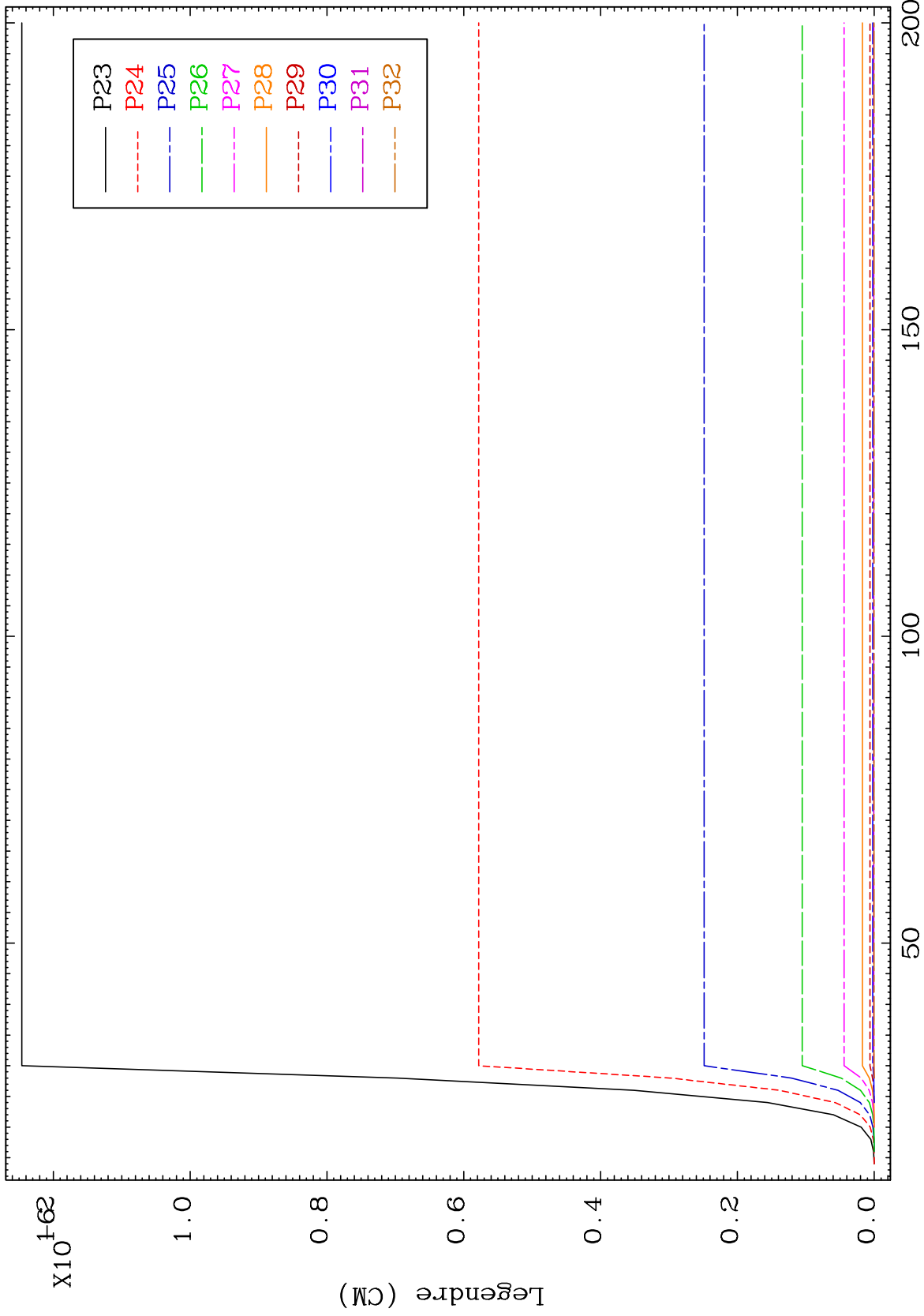
28-Ni-72



MAT 2867

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

28-Ni-72



28

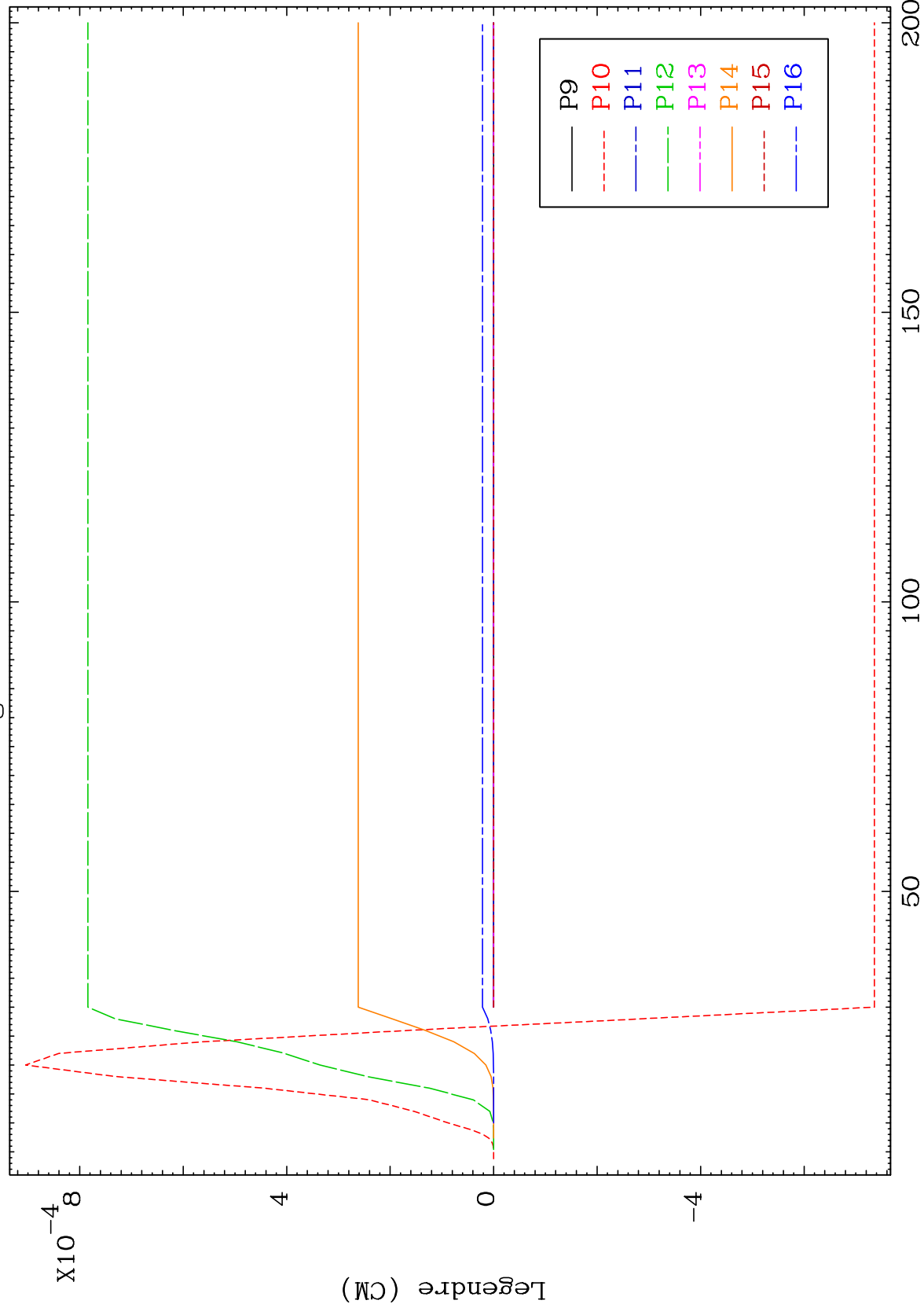
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

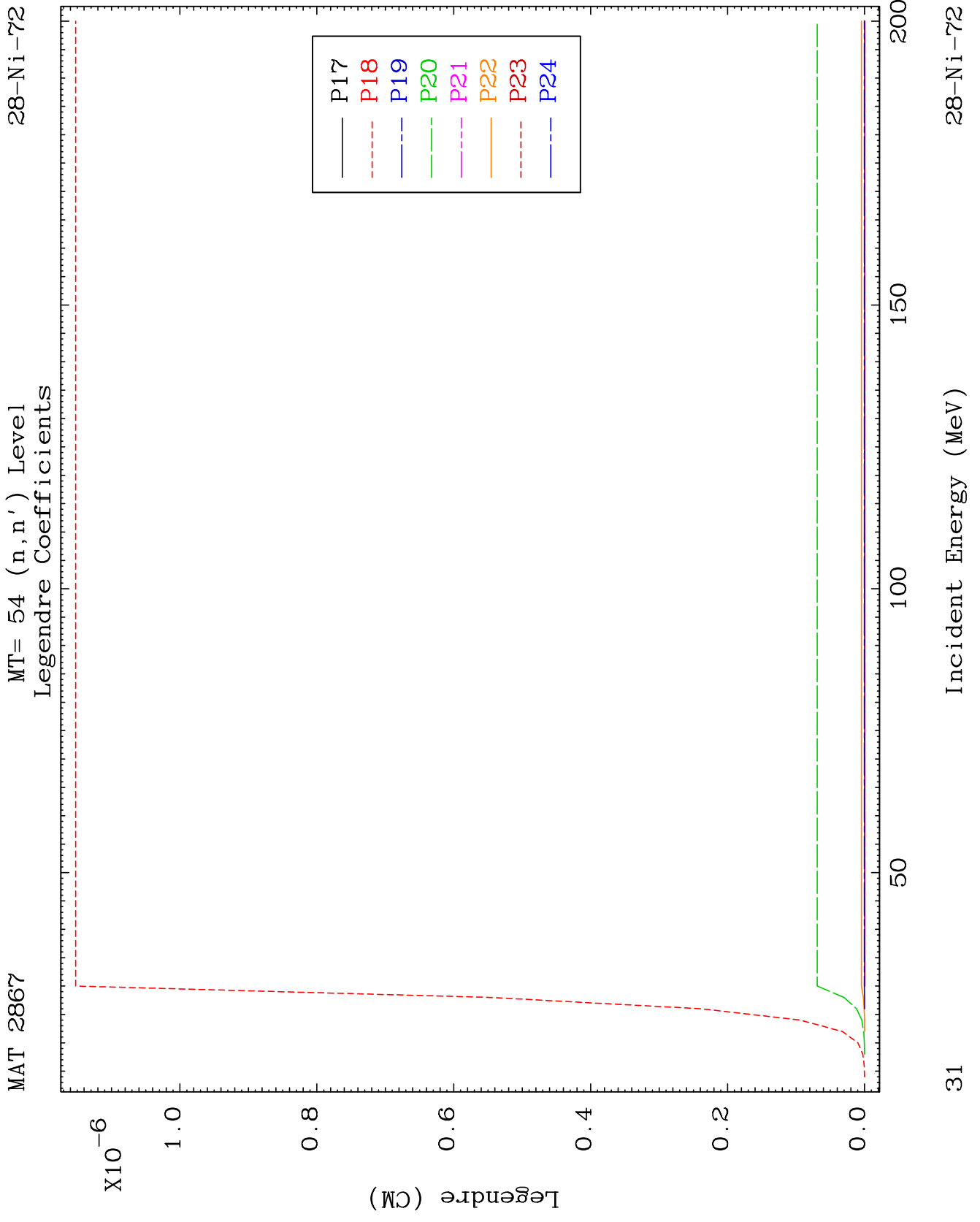
28-Ni-72



30

Incident Energy (MeV)

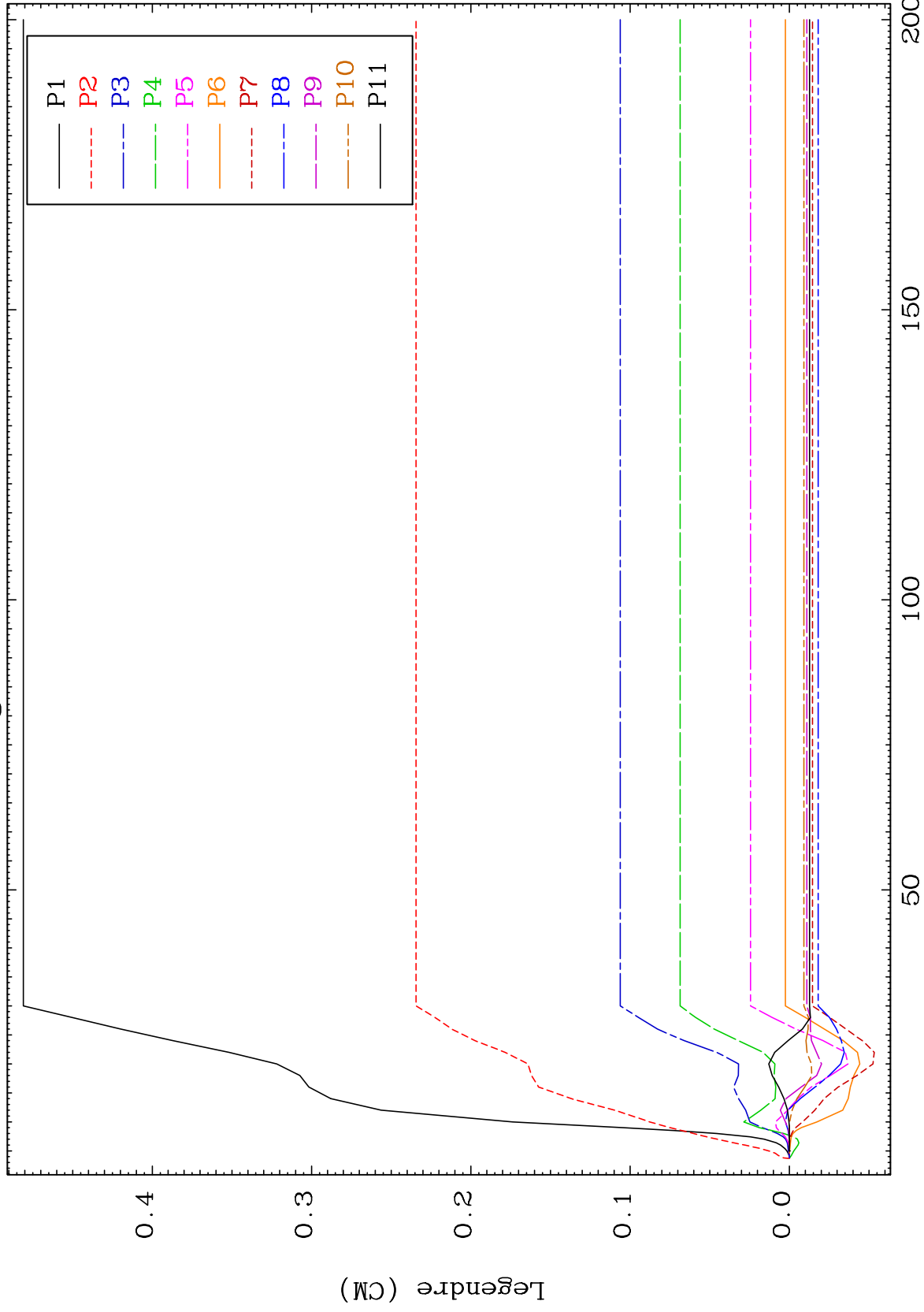
28-Ni-72



MAT 2867

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

28-Ni-72



32

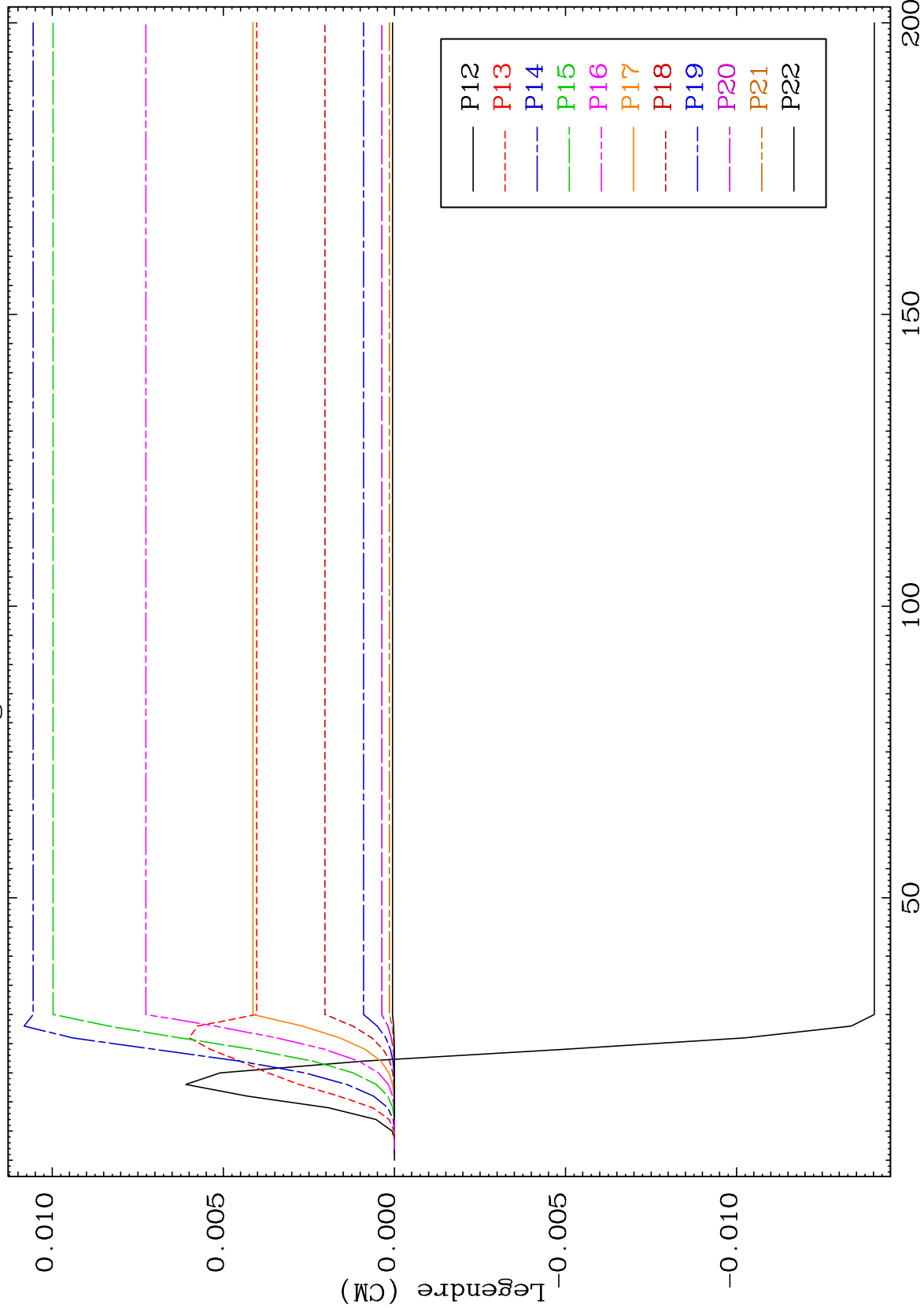
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

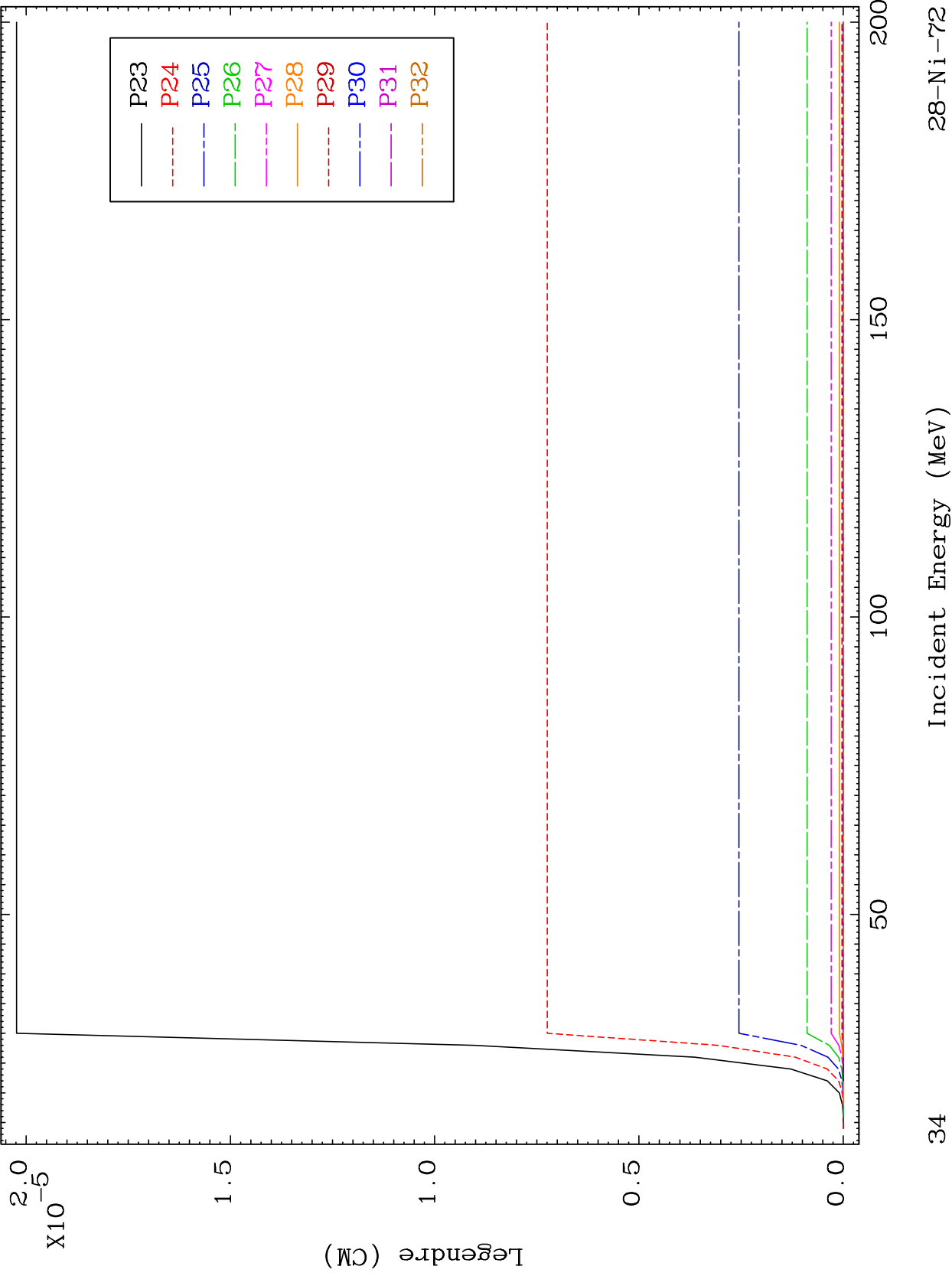
28-Ni-72



MAT 2867

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

28-Ni-72



34

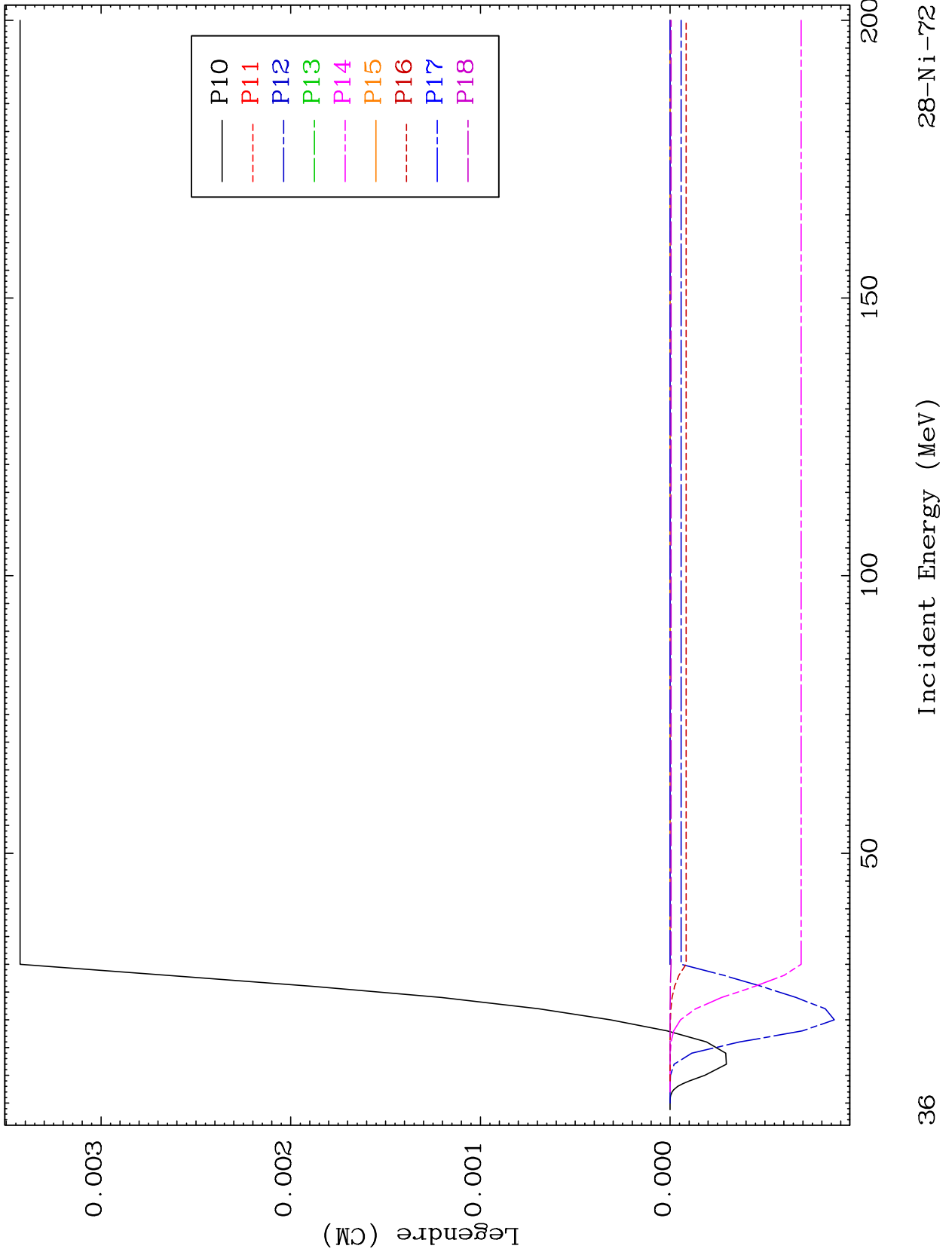
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



36

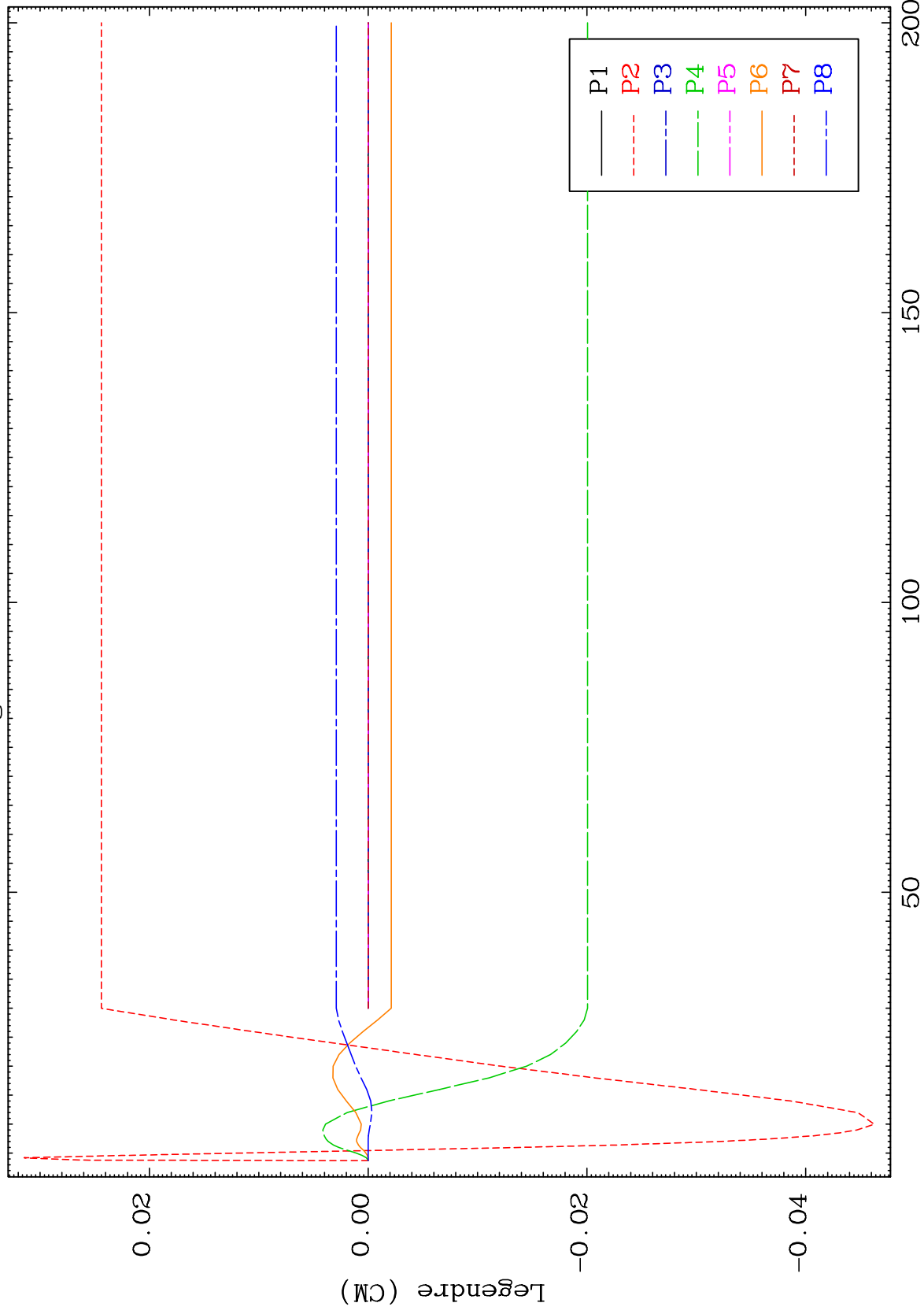
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



38

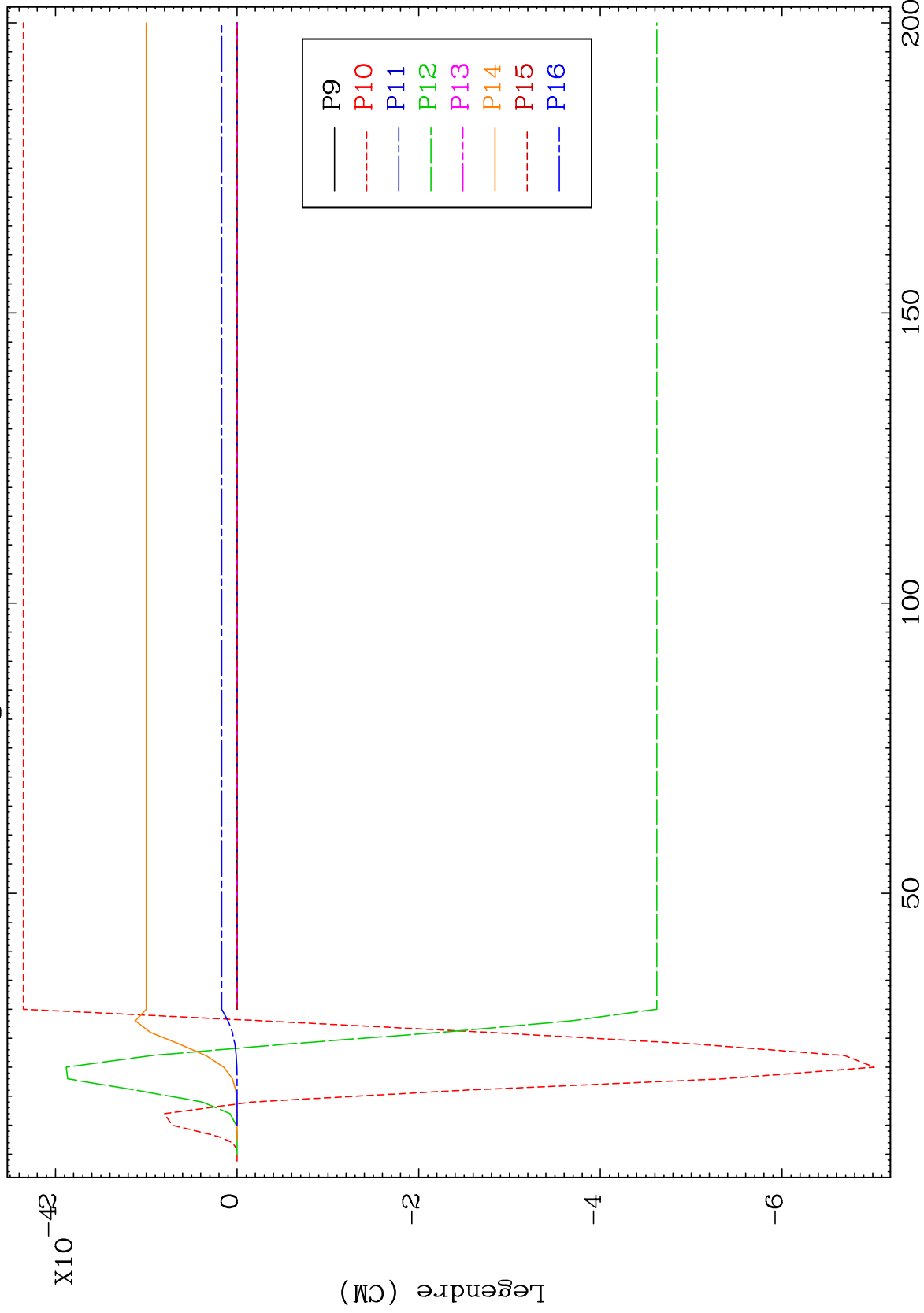
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

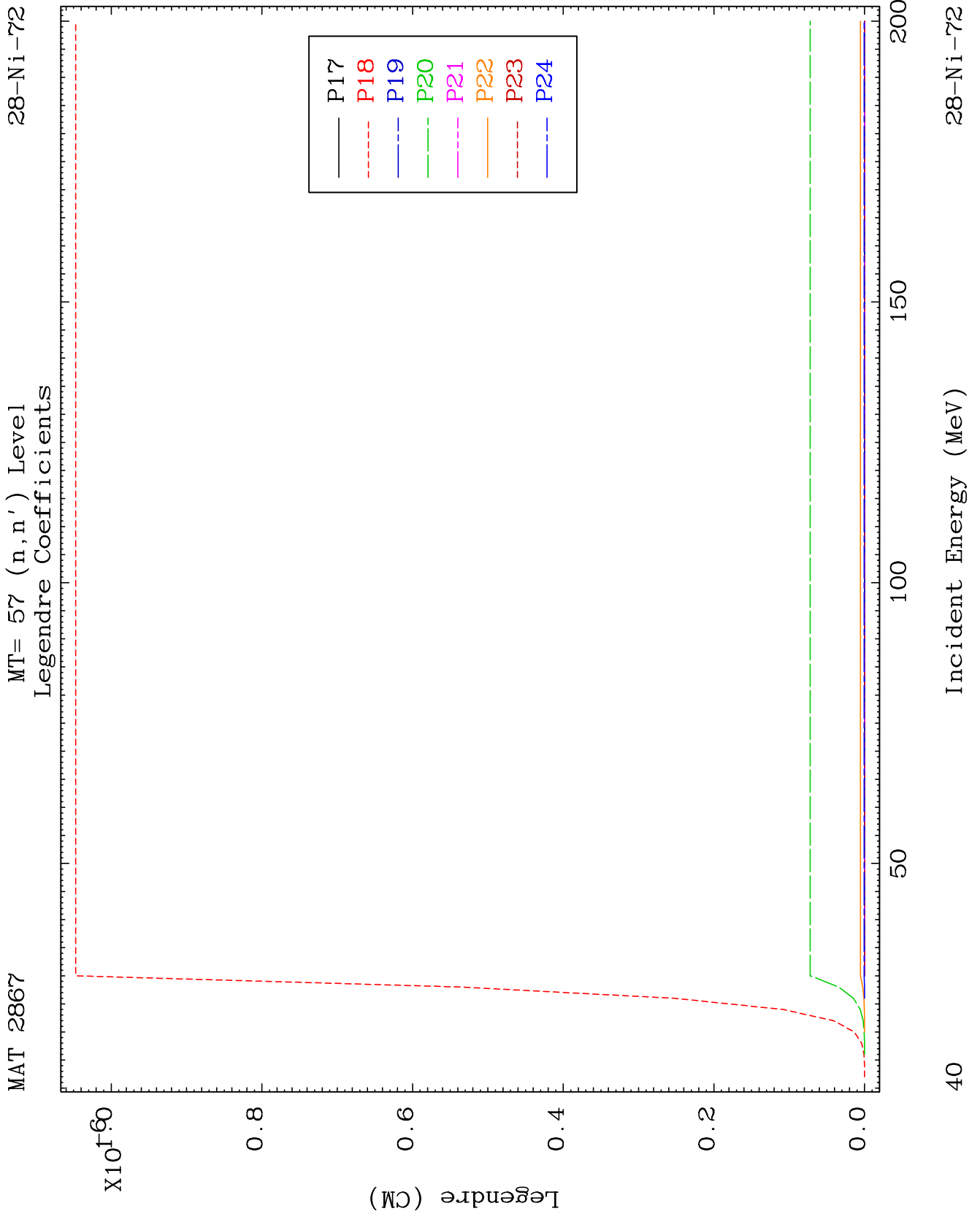
28-Ni-72



39

Incident Energy (MeV)

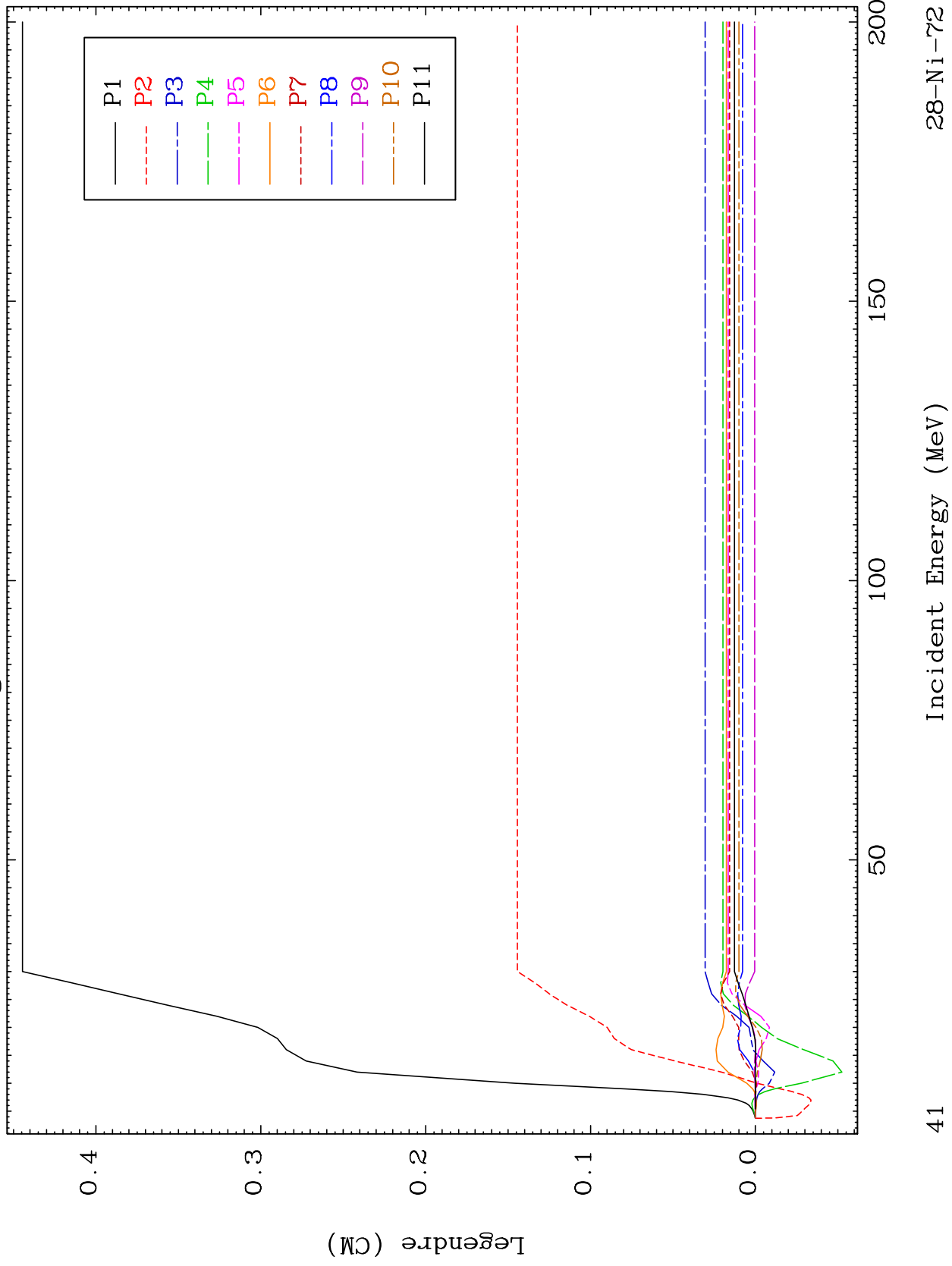
28-Ni-72



MAT 2867

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

28-Ni-72



41

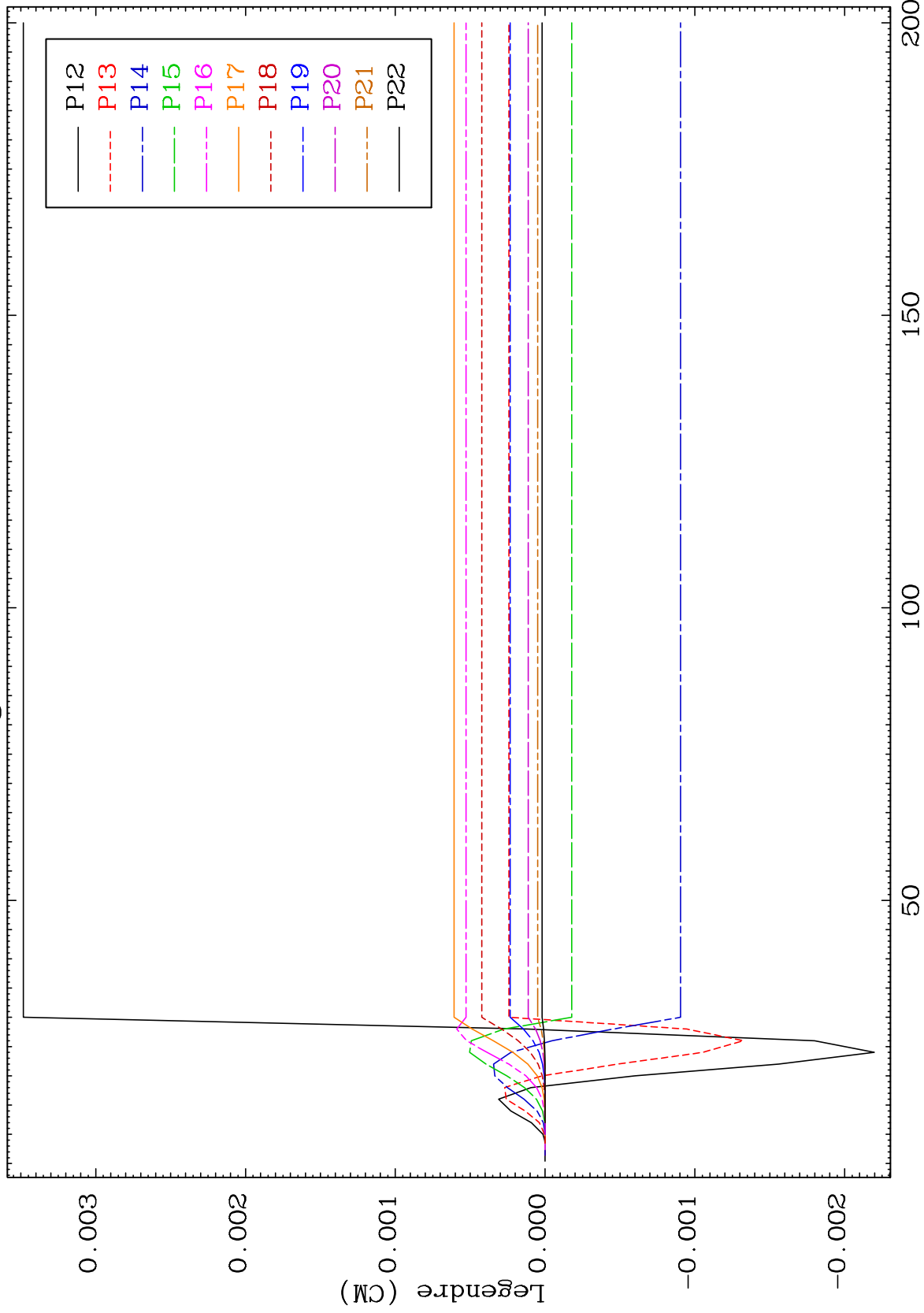
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



42

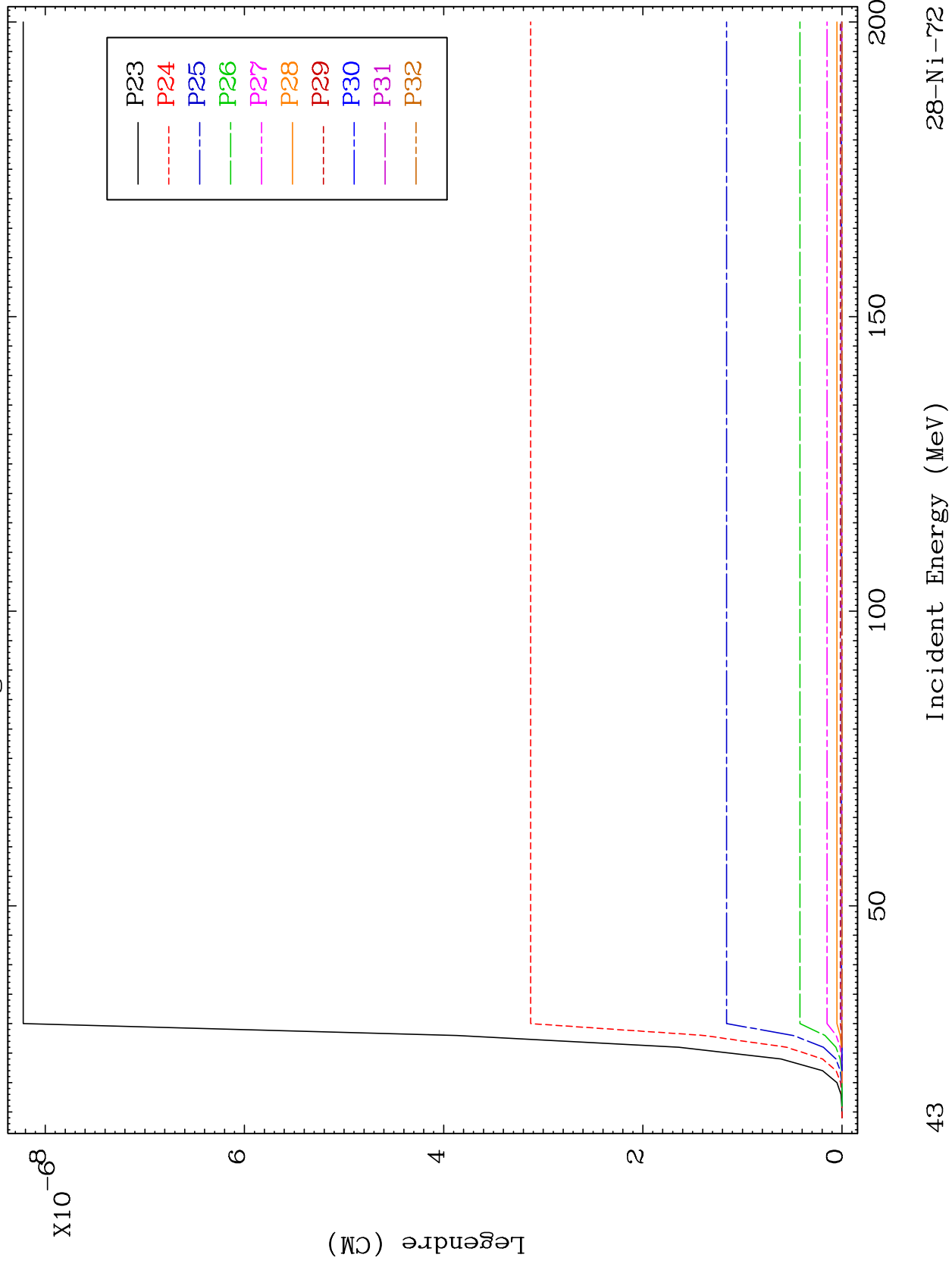
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



43

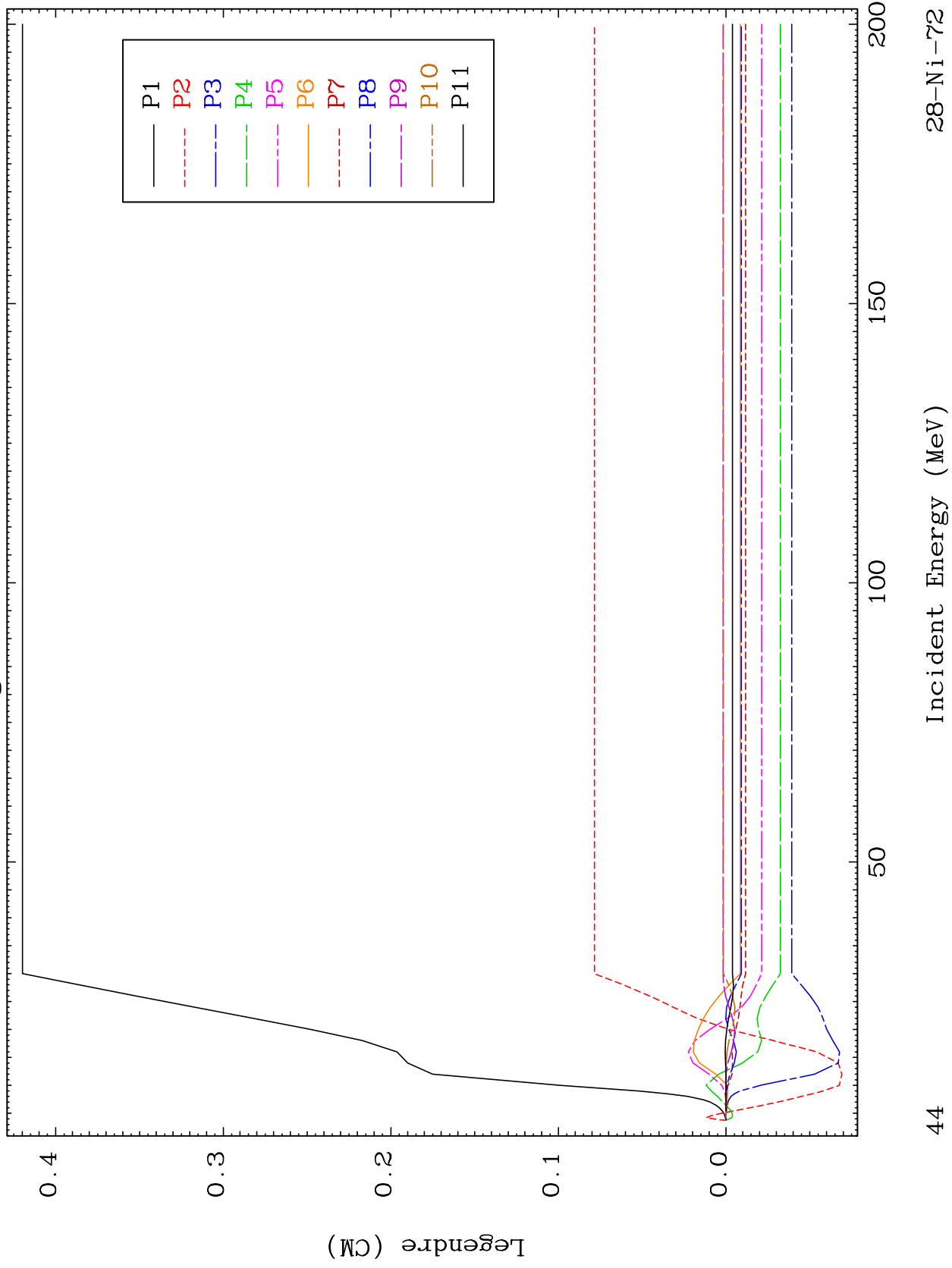
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



44

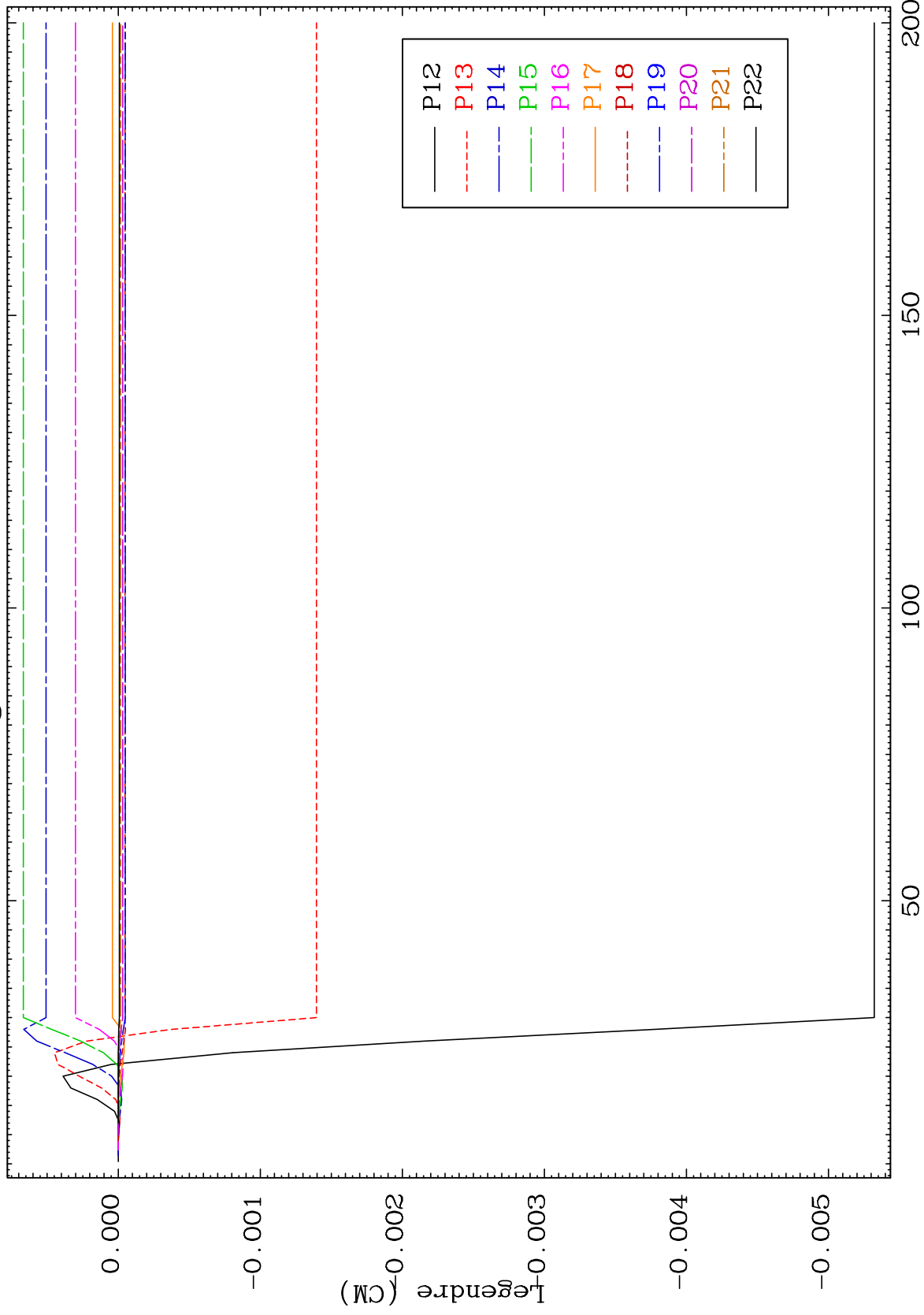
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

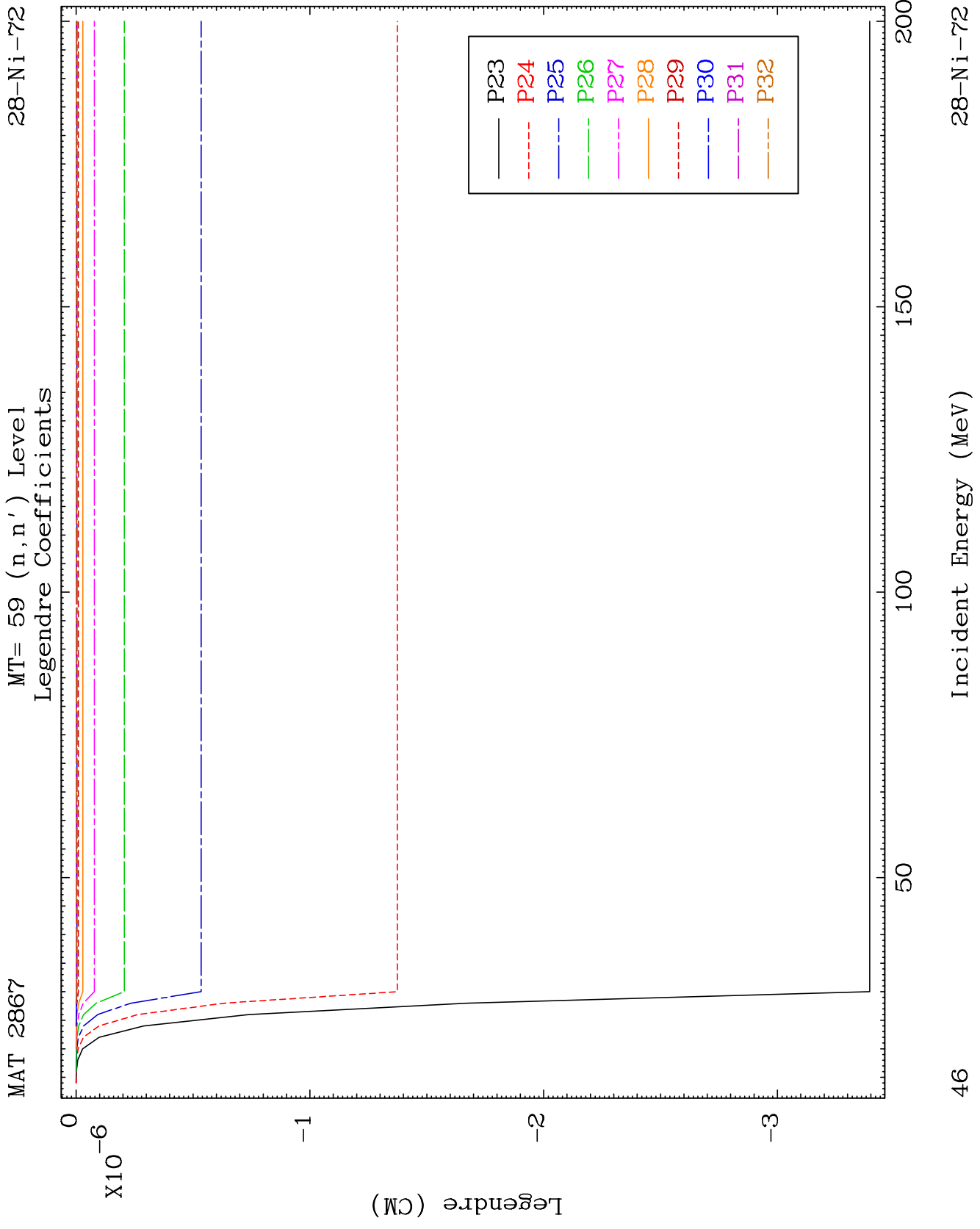
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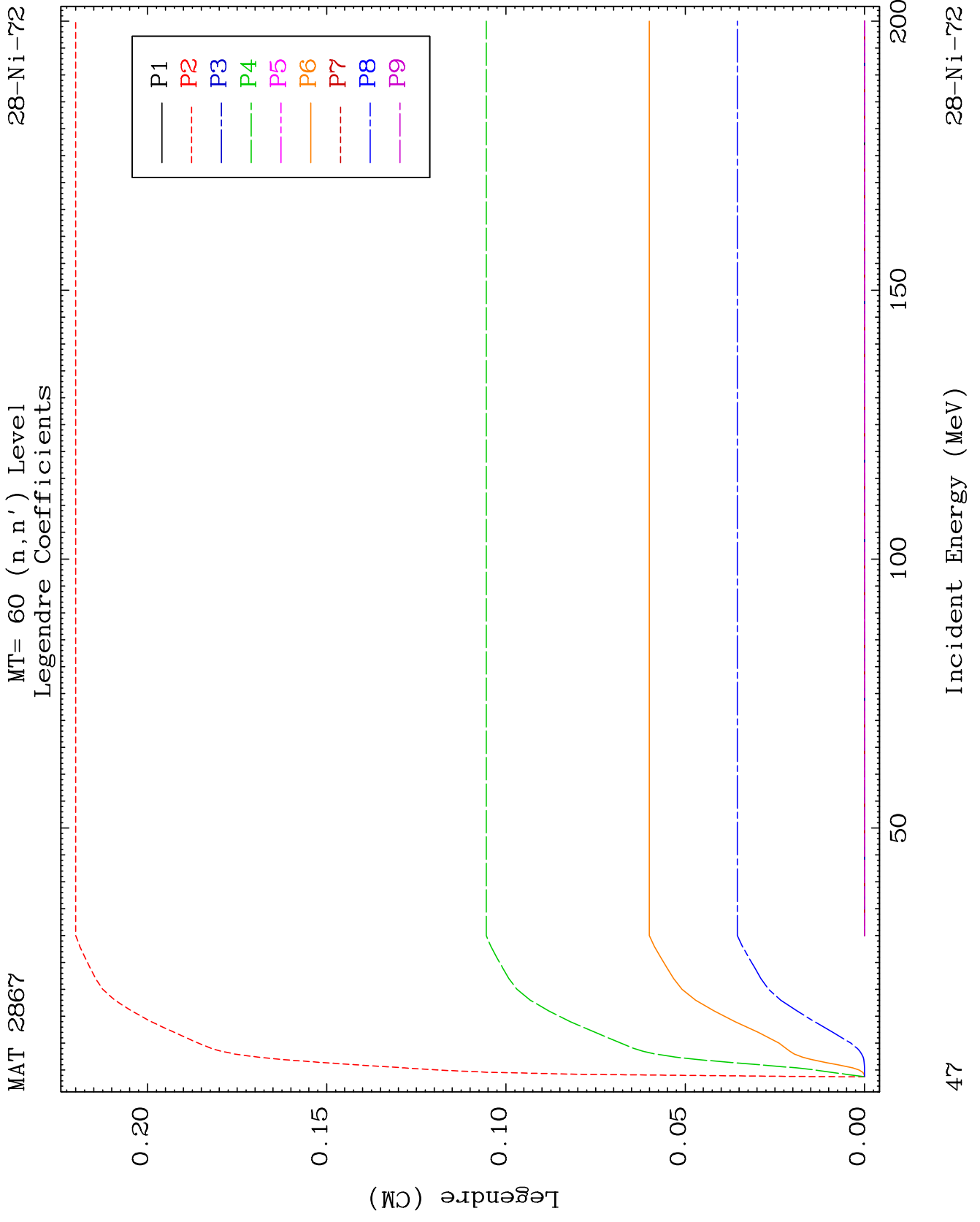


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Incident Energy (MeV)

28-Ni-72

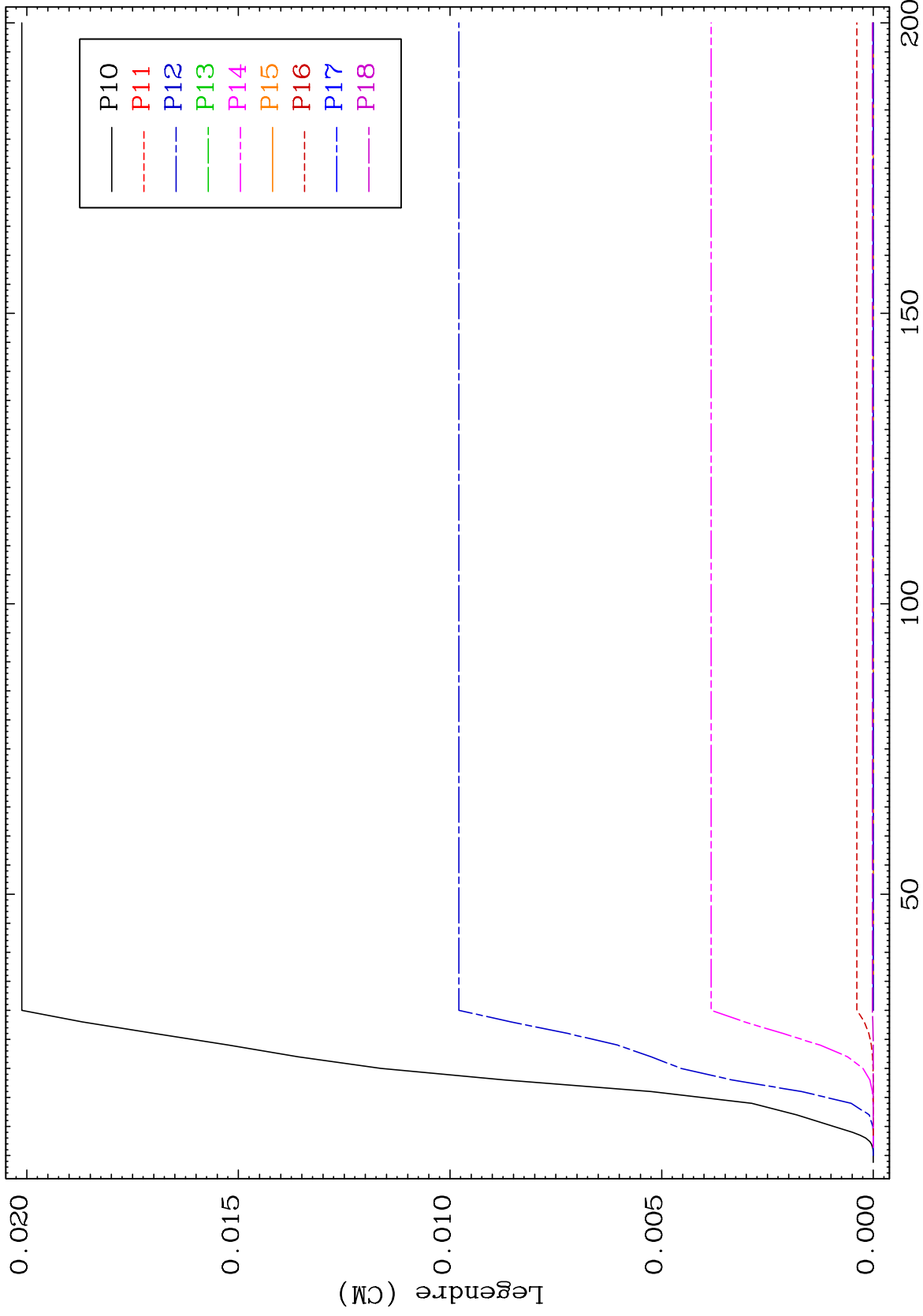




MAT 2867

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

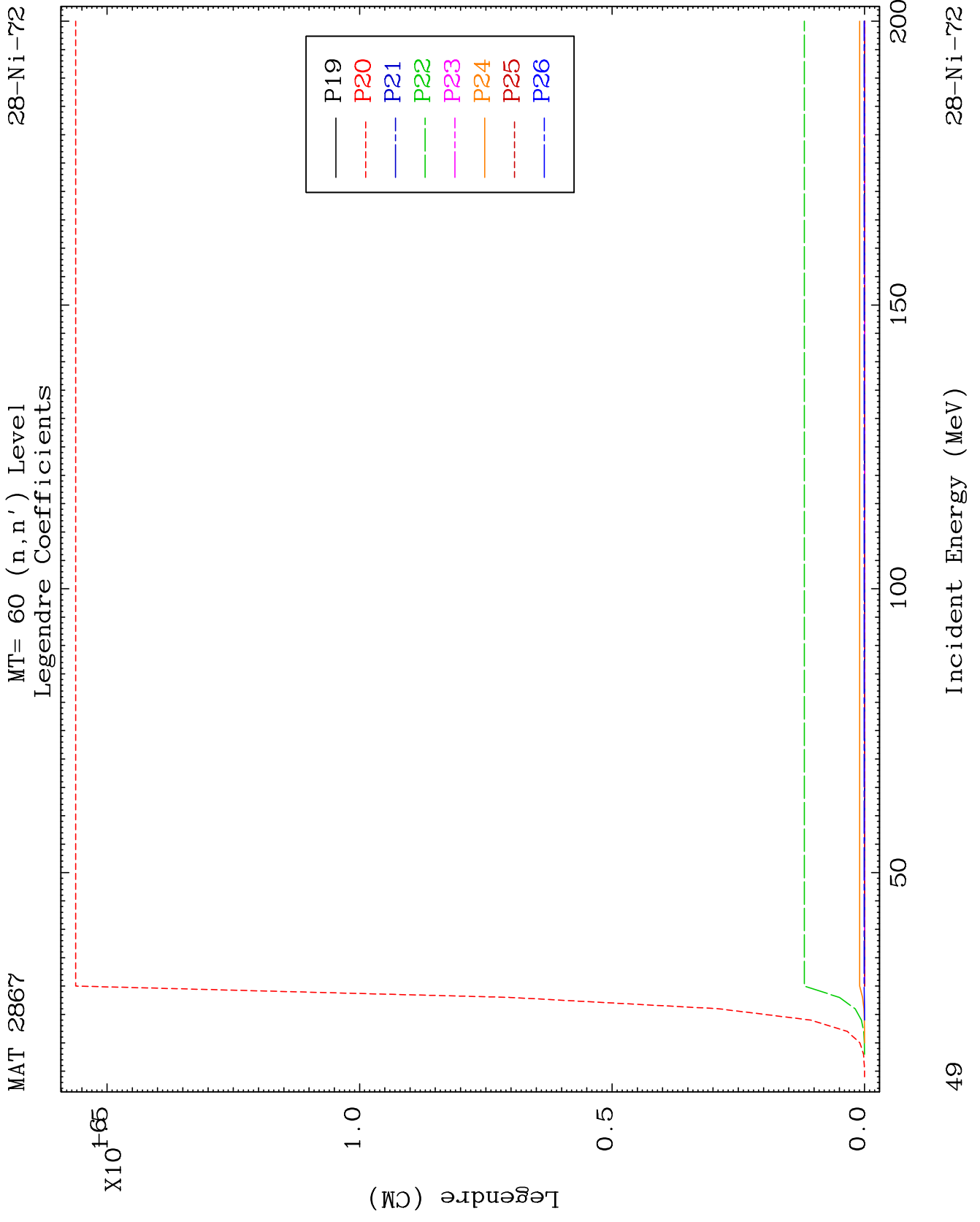
28-Ni-72



48

Incident Energy (MeV)

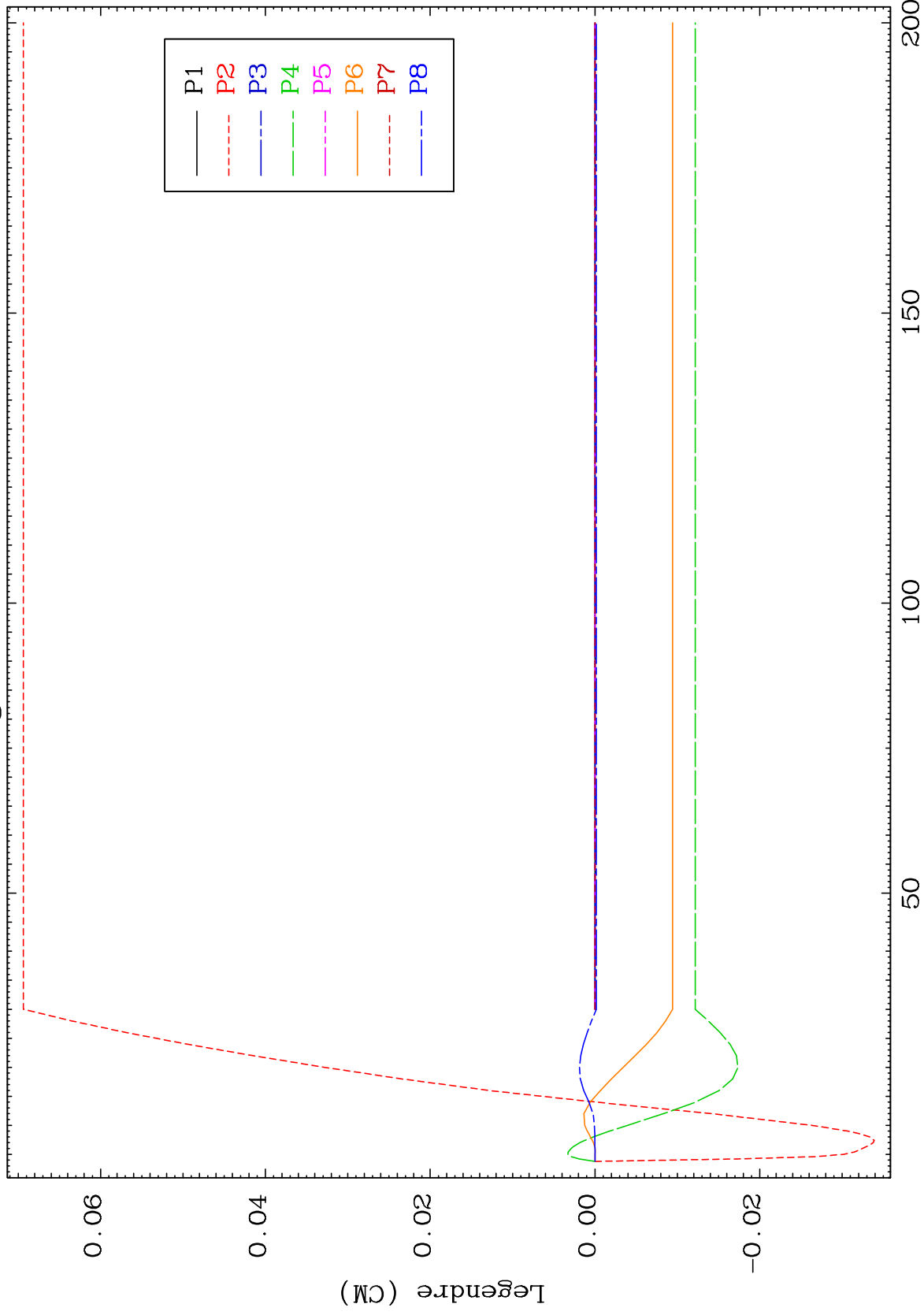
28-Ni-72



MAT 2867

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

28-Ni-72



28-Ni-72

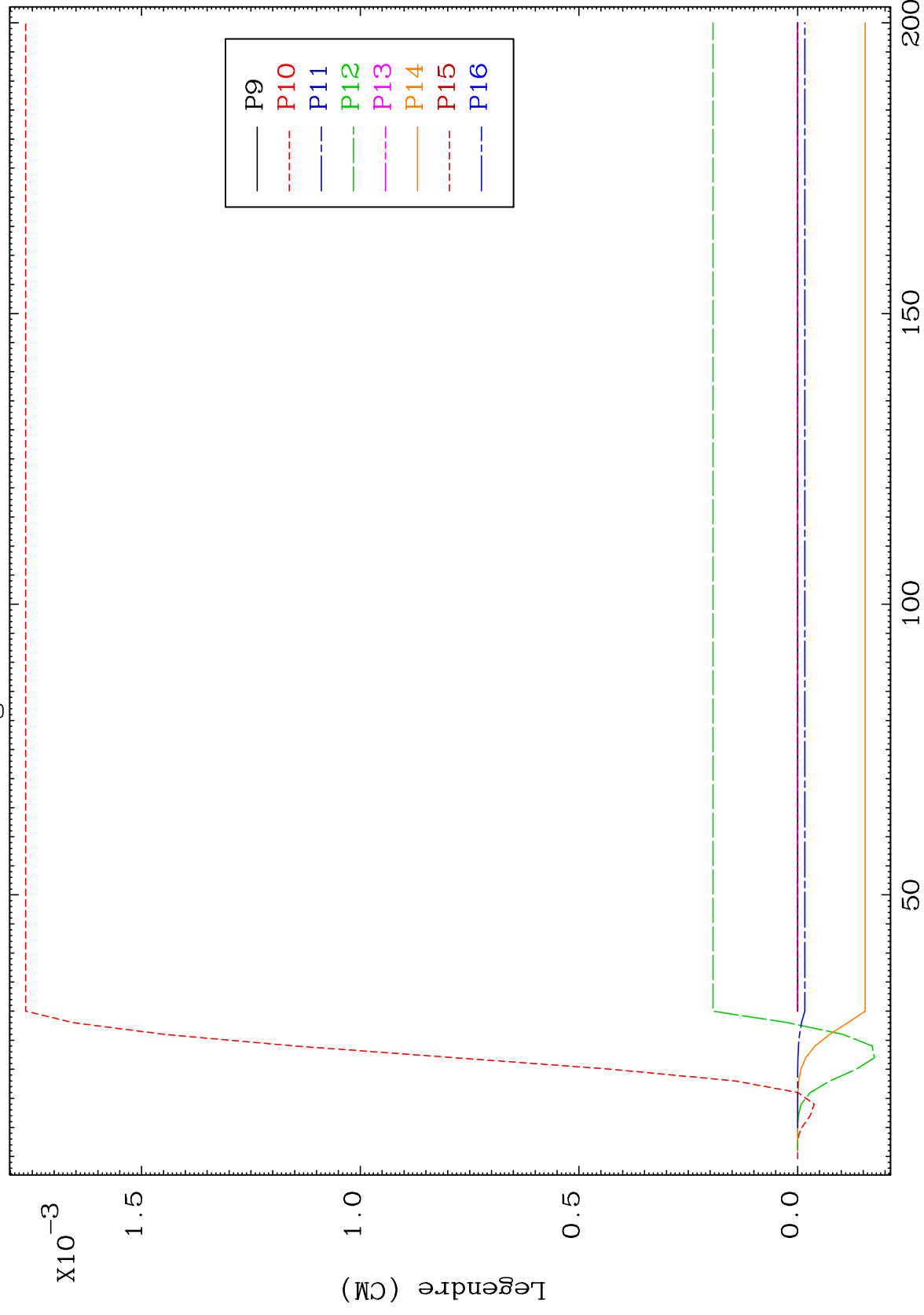
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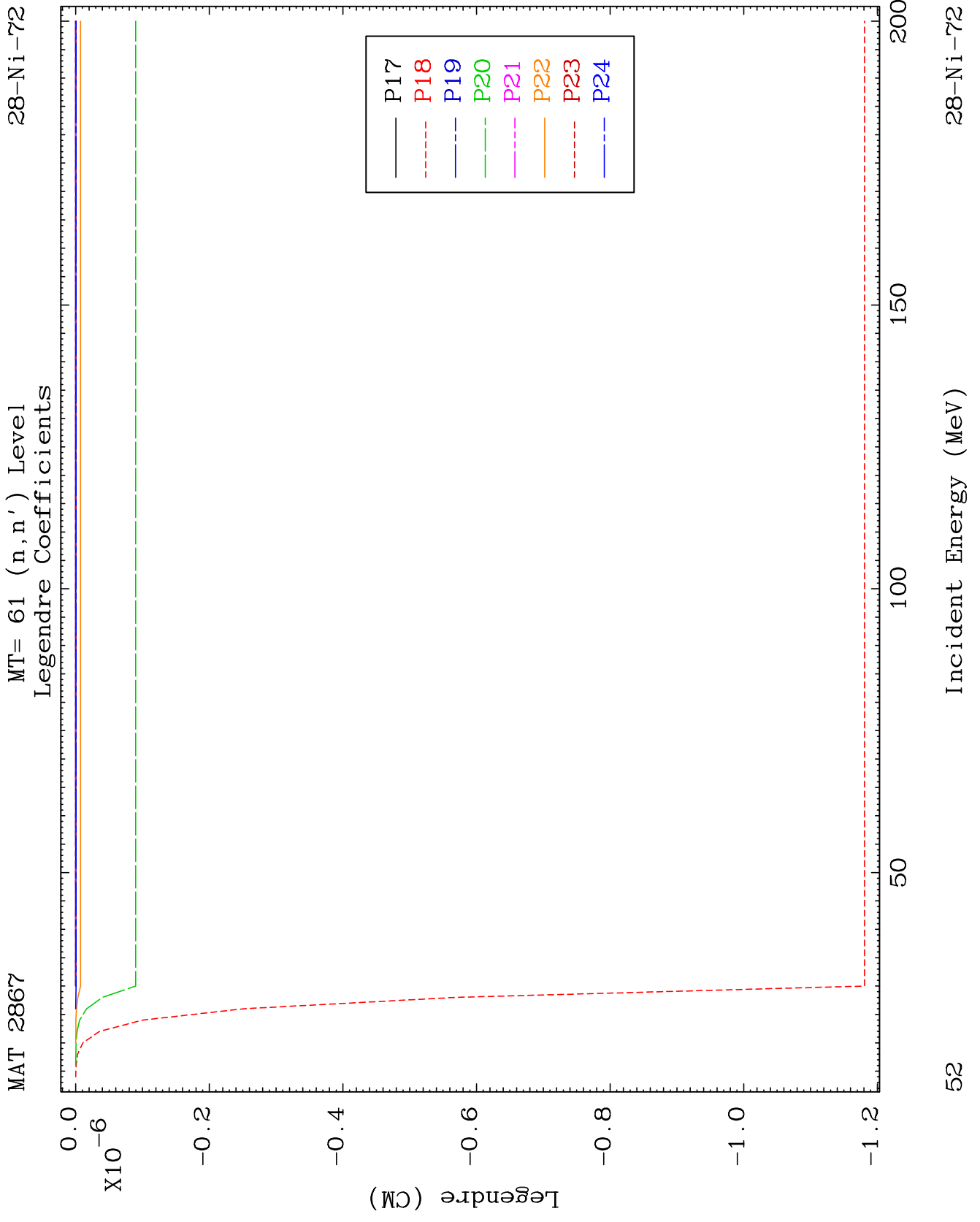
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MAT 2867

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

28-Ni-72

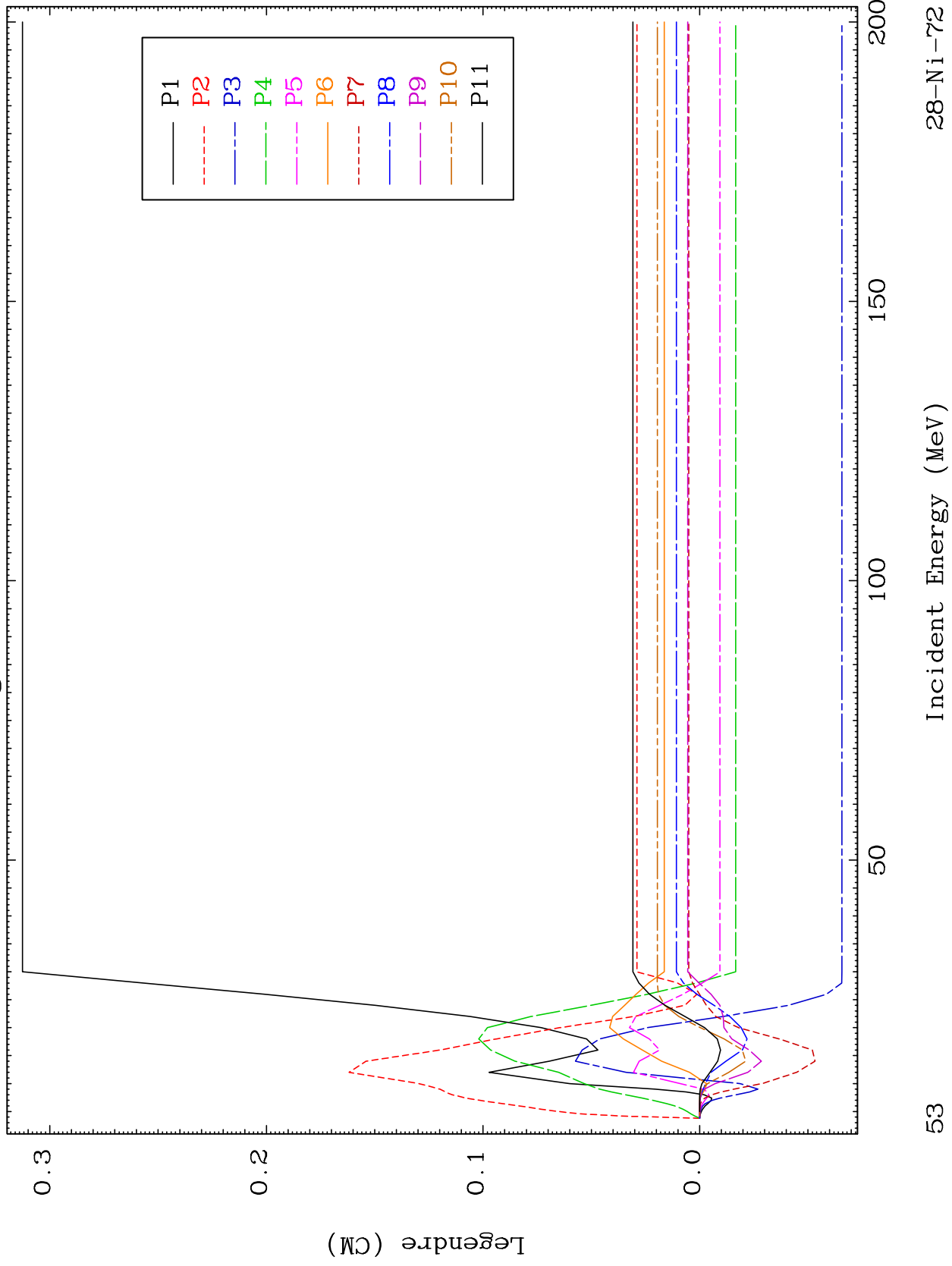




MAT 2867

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

28-Ni-72

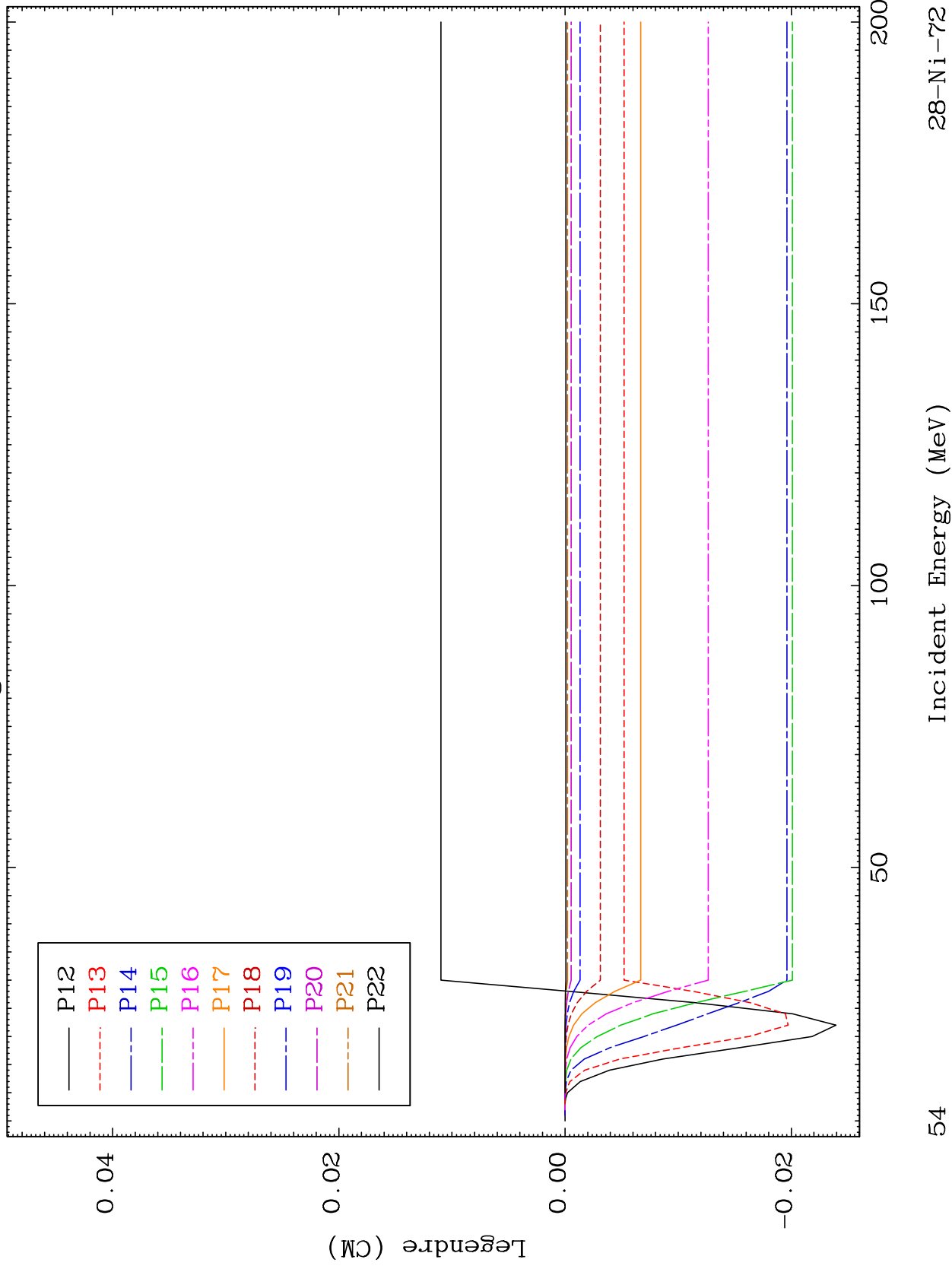


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MAT 2867

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

28-Ni-72



54

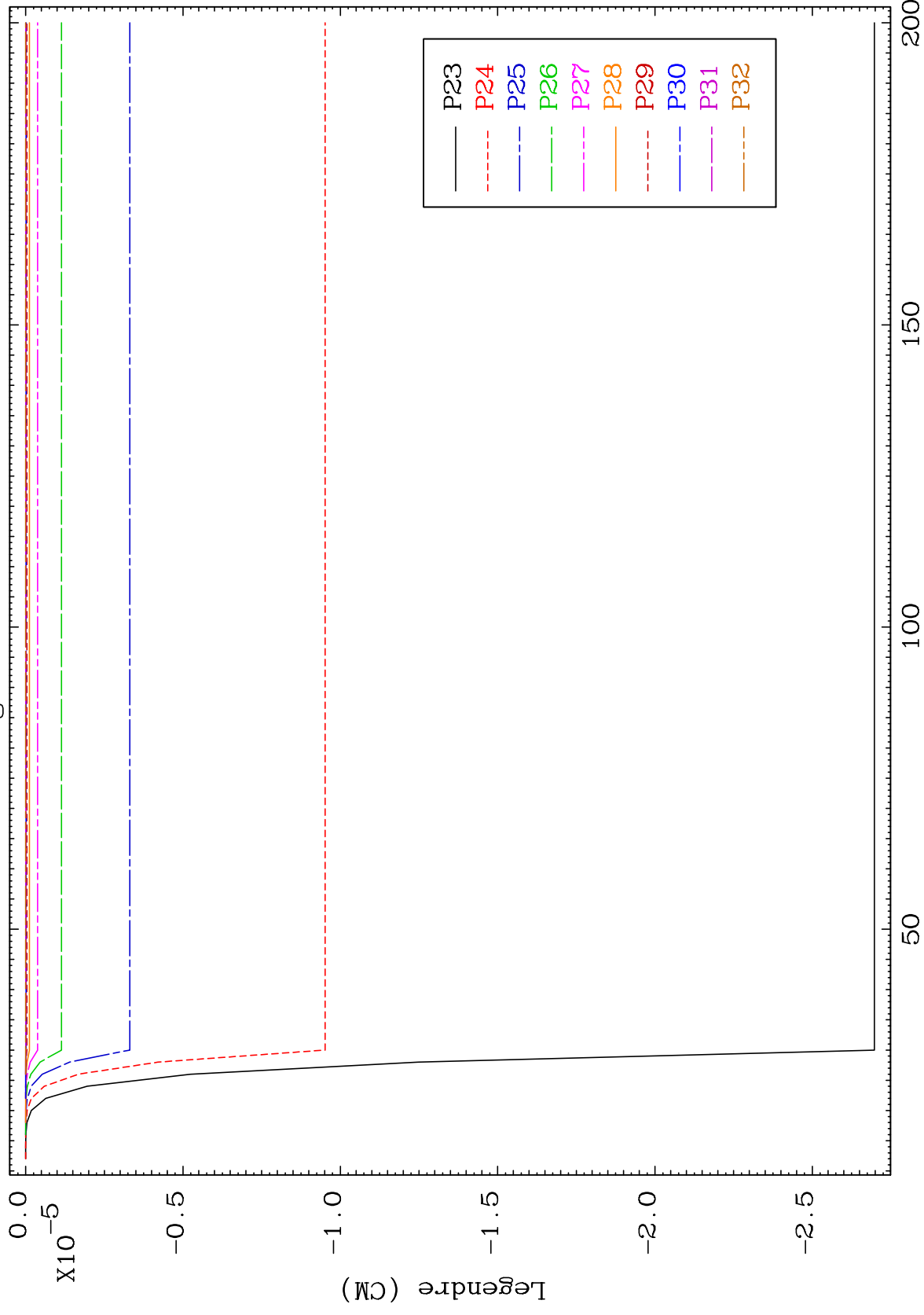
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



55

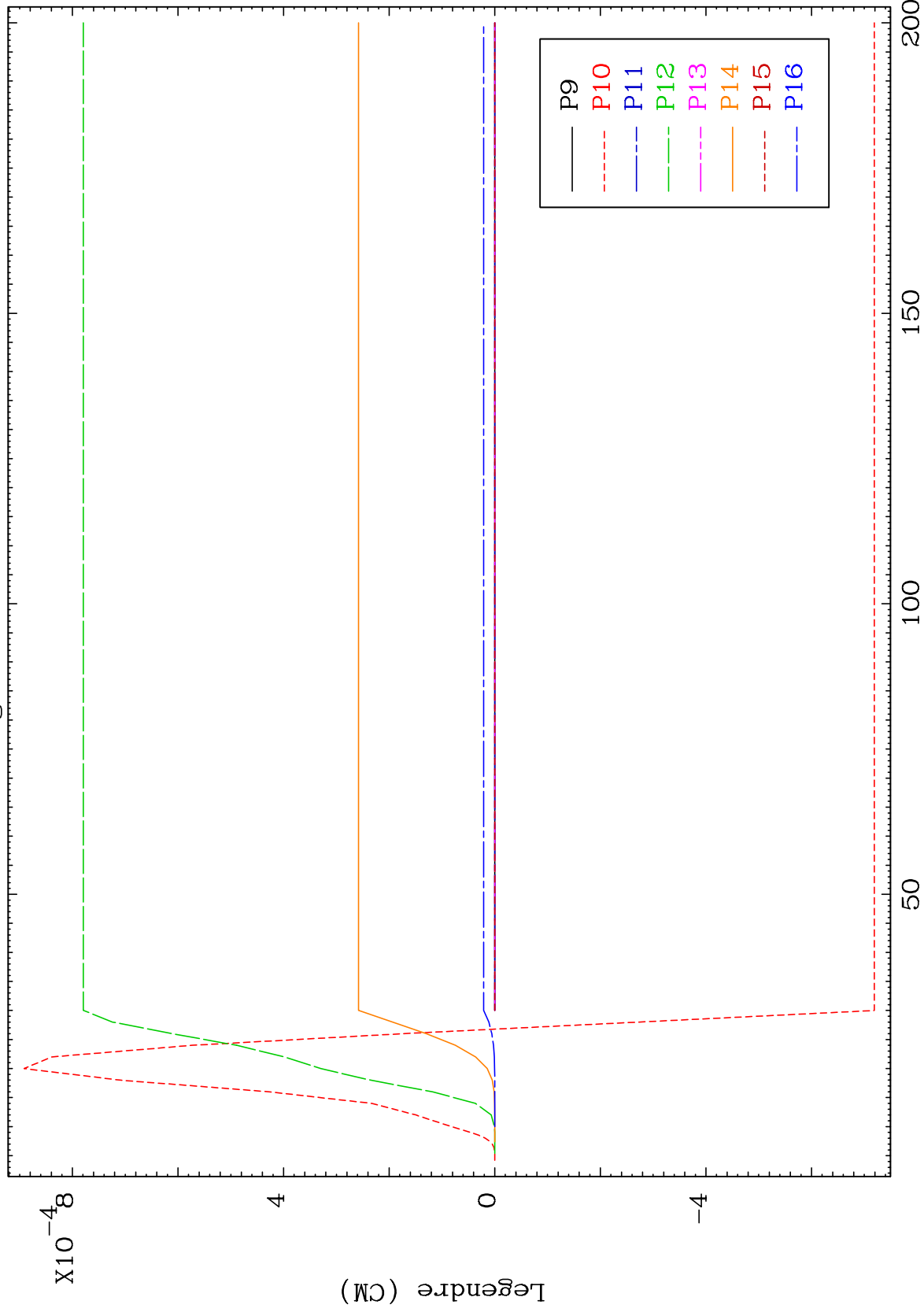
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



57

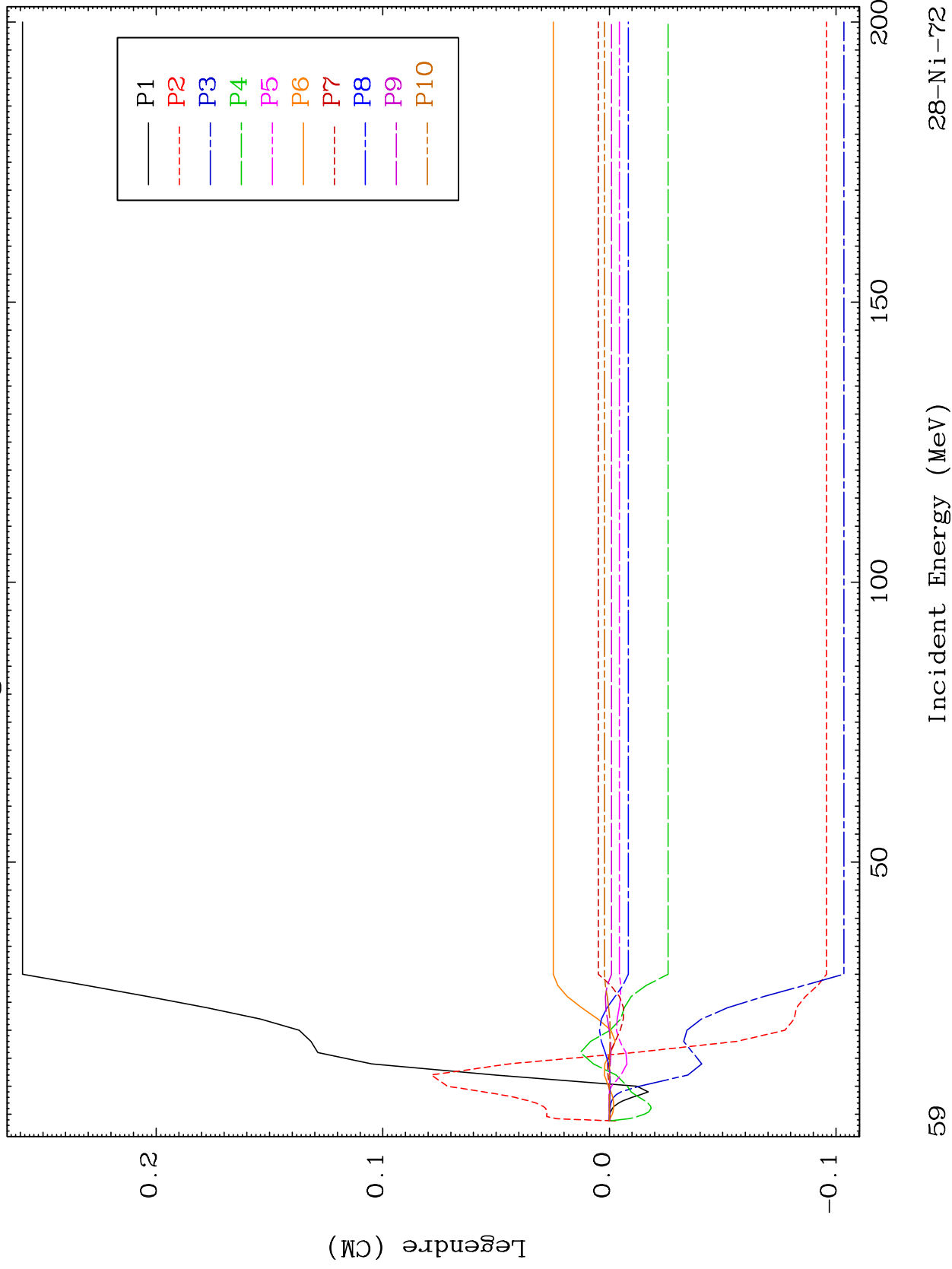
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



59

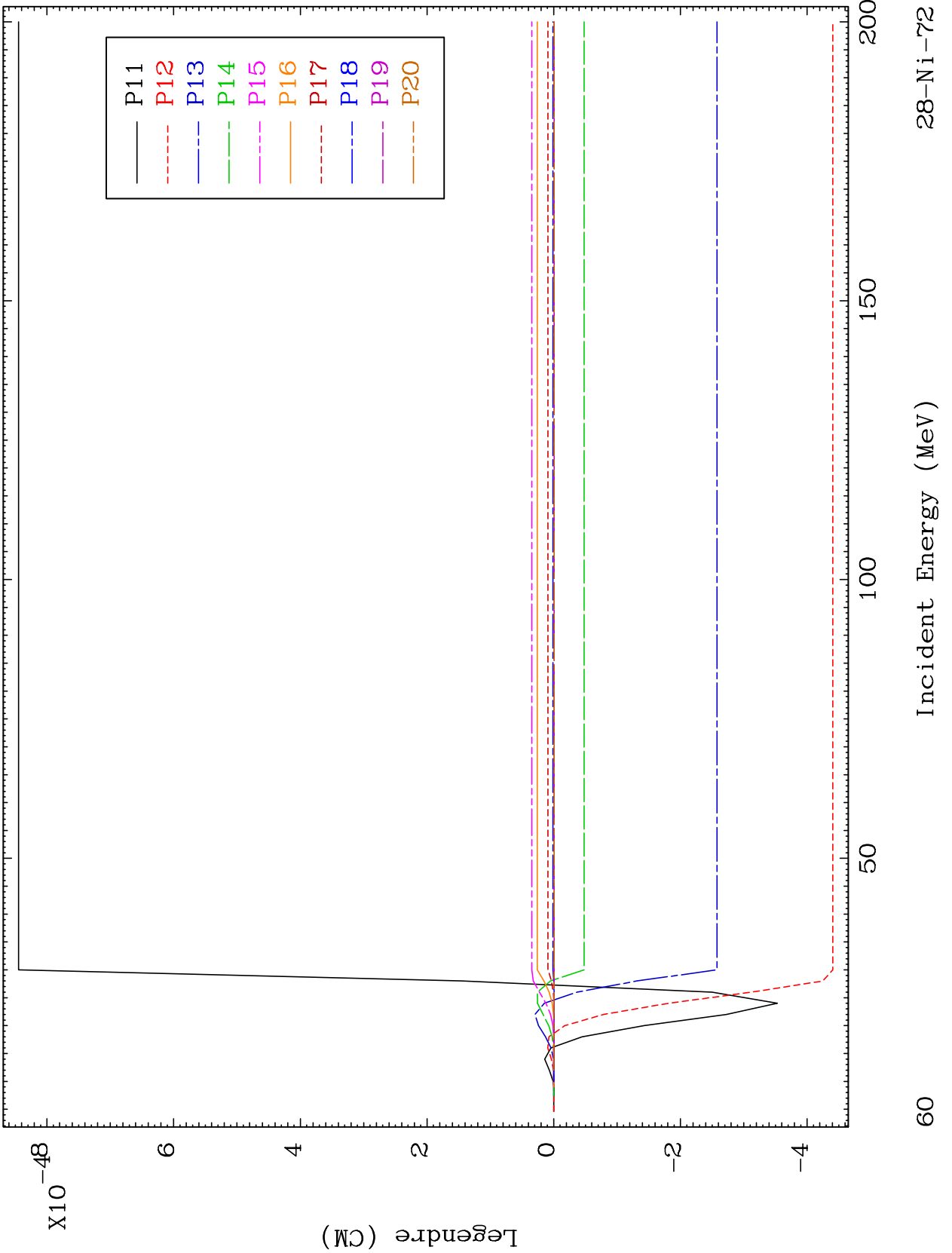
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



60

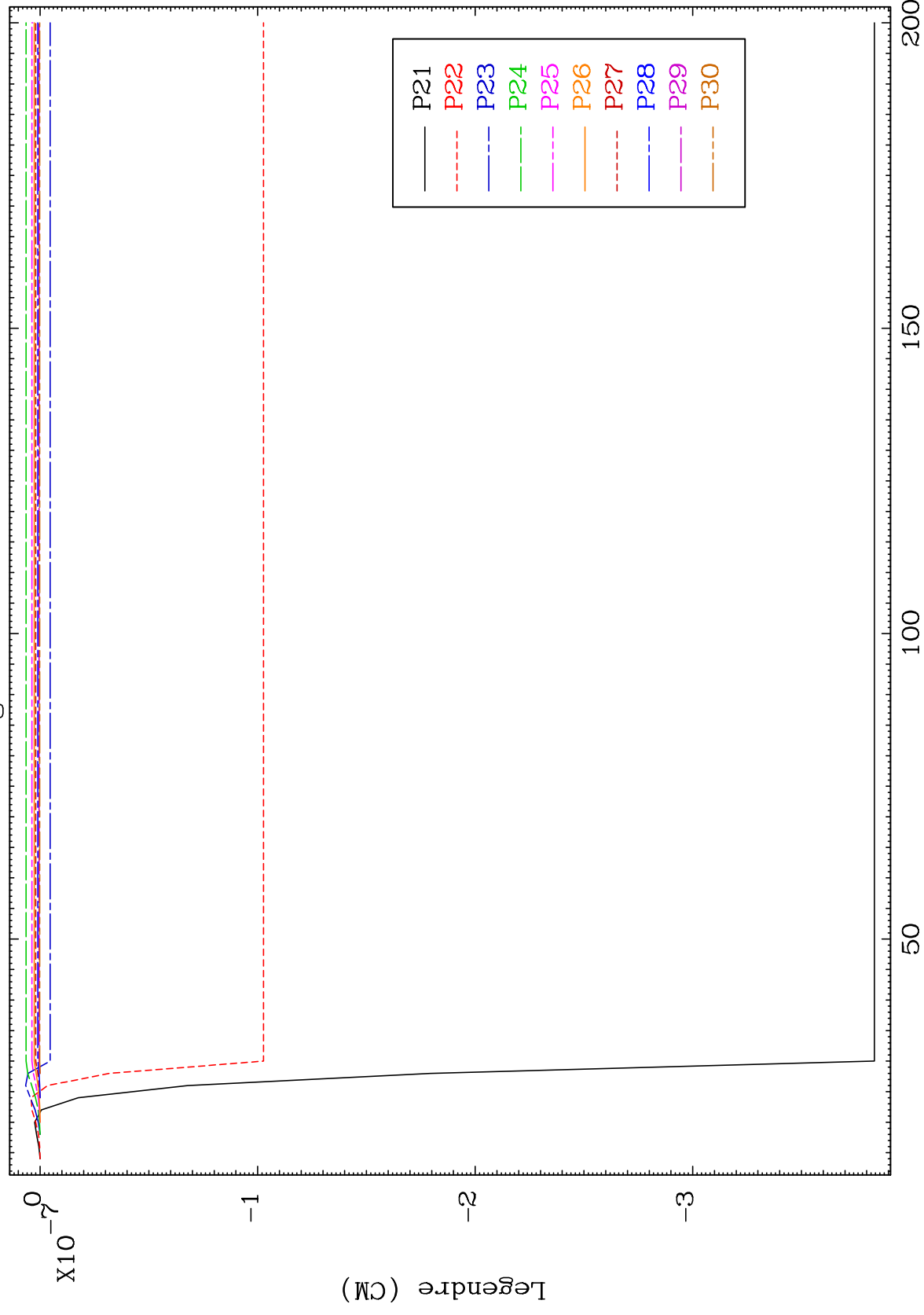
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



61

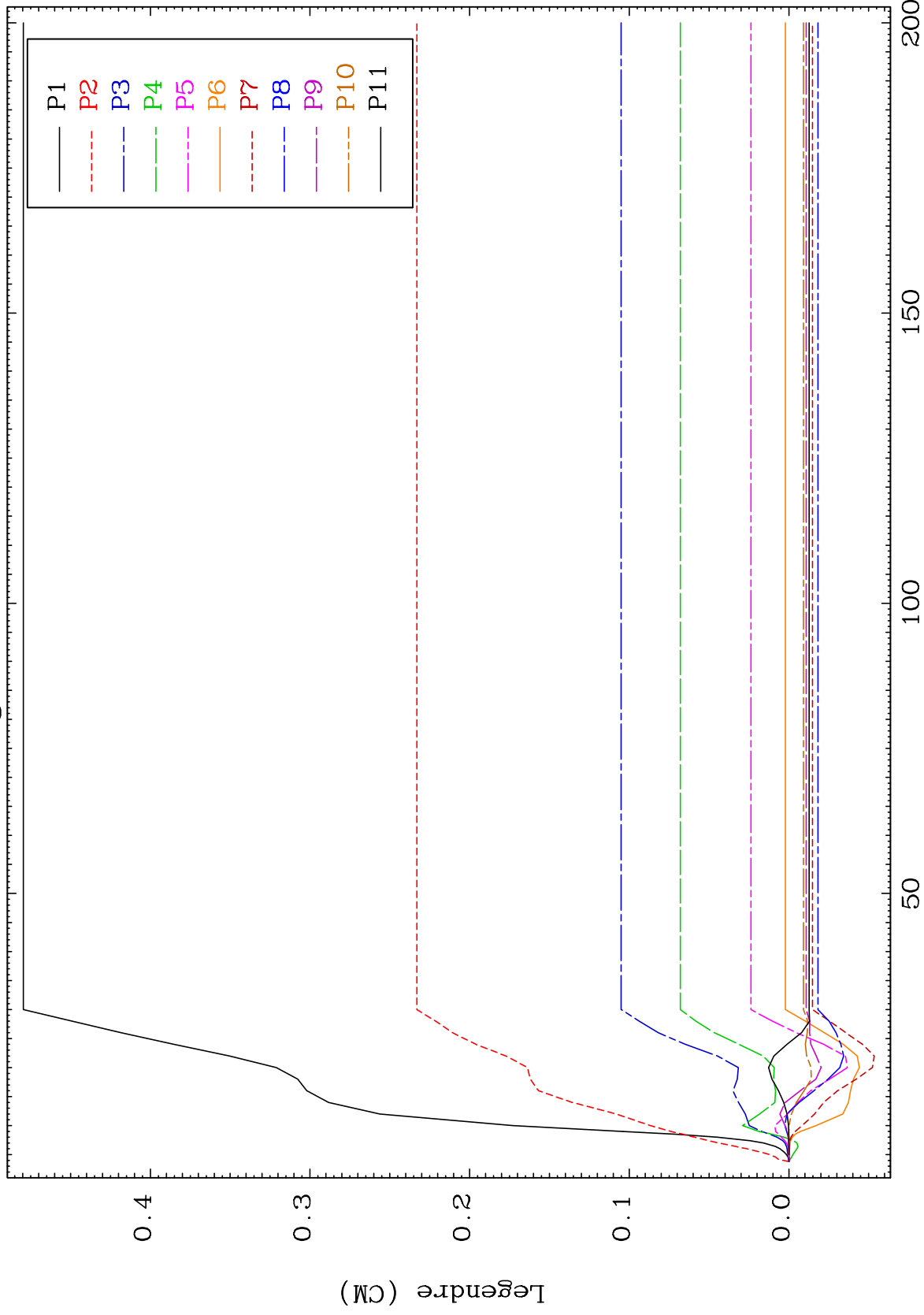
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



62

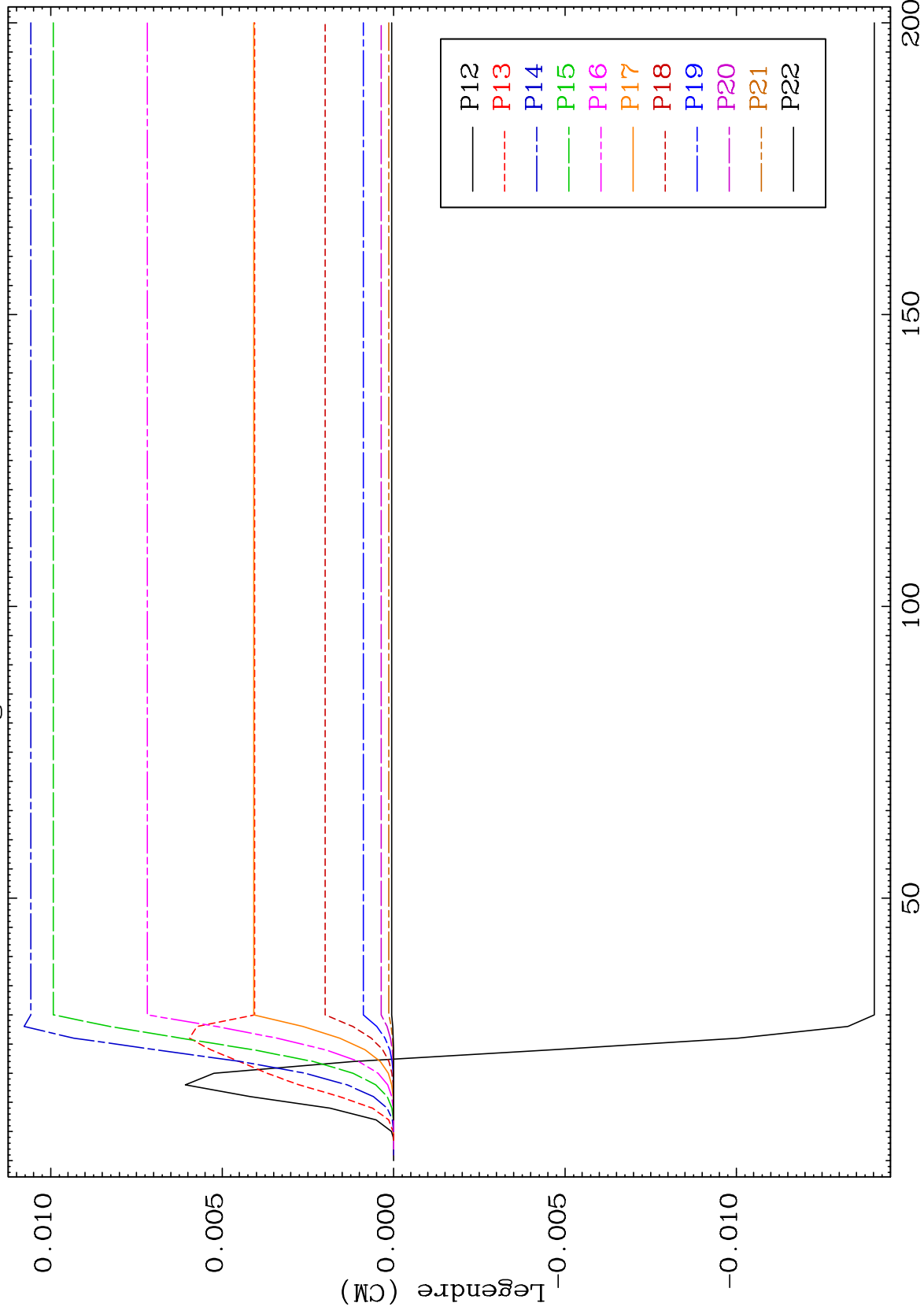
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

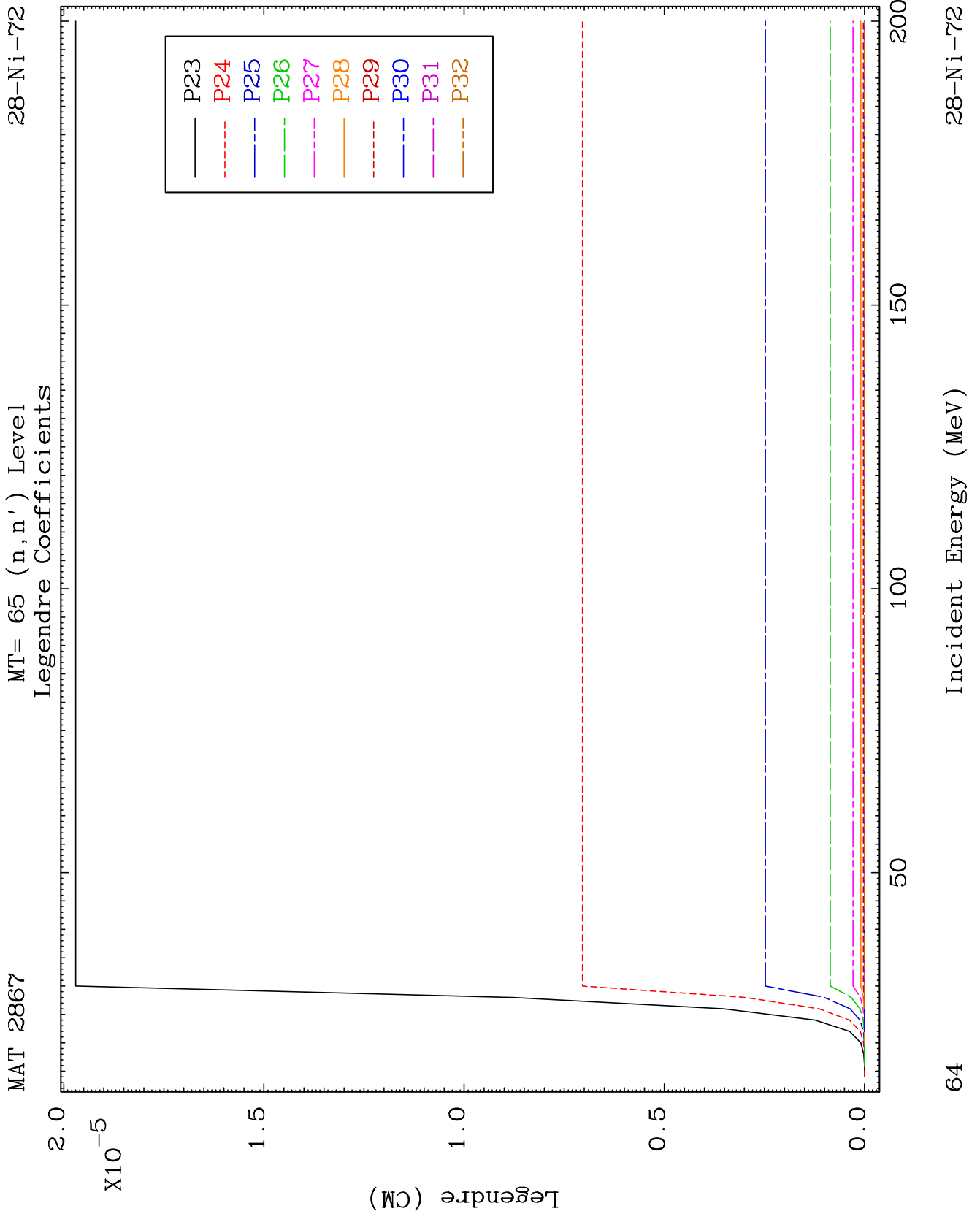
28-Ni-72



63

Incident Energy (MeV)

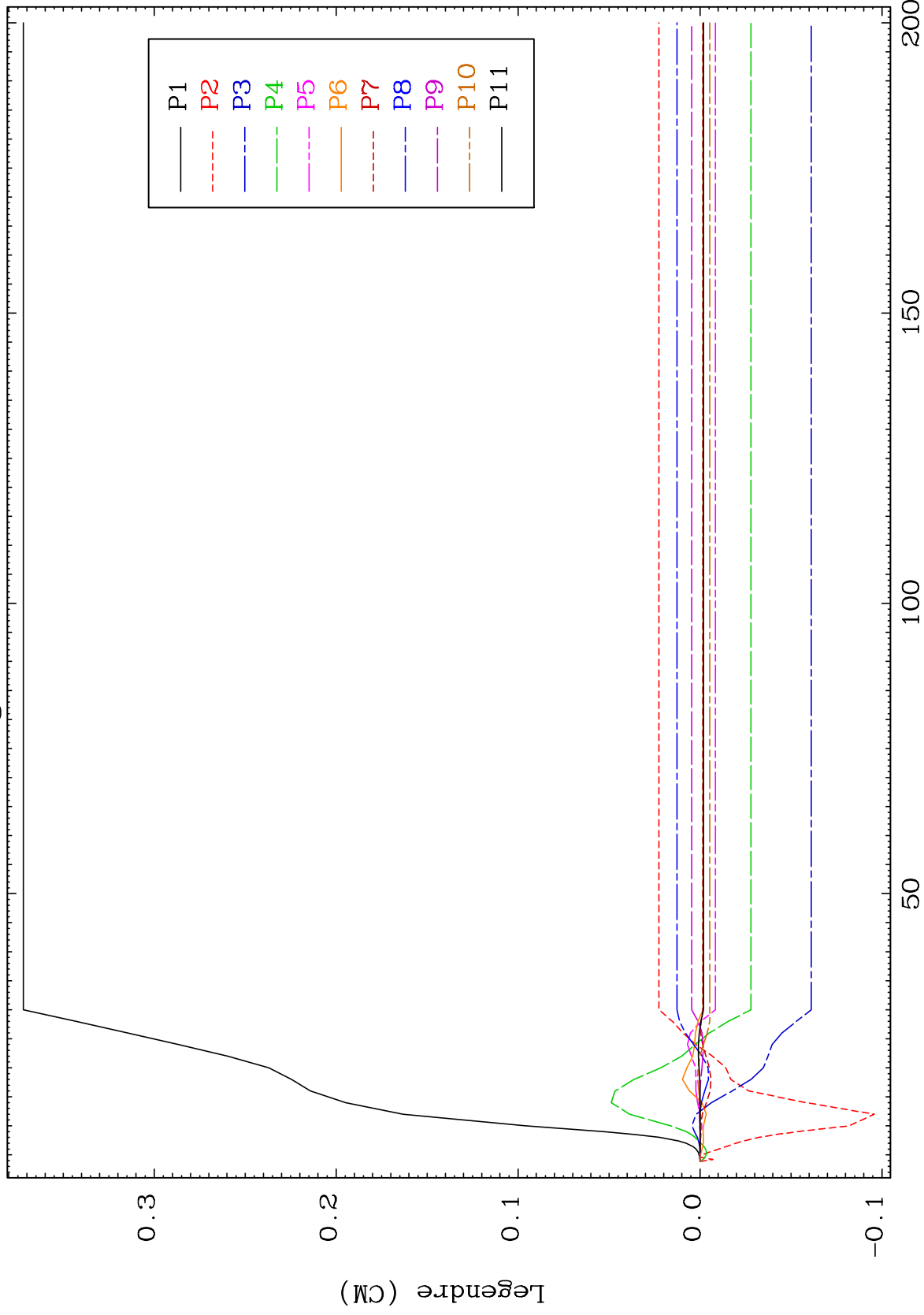
28-Ni-72



MAT 2867

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

28-Ni-72



65

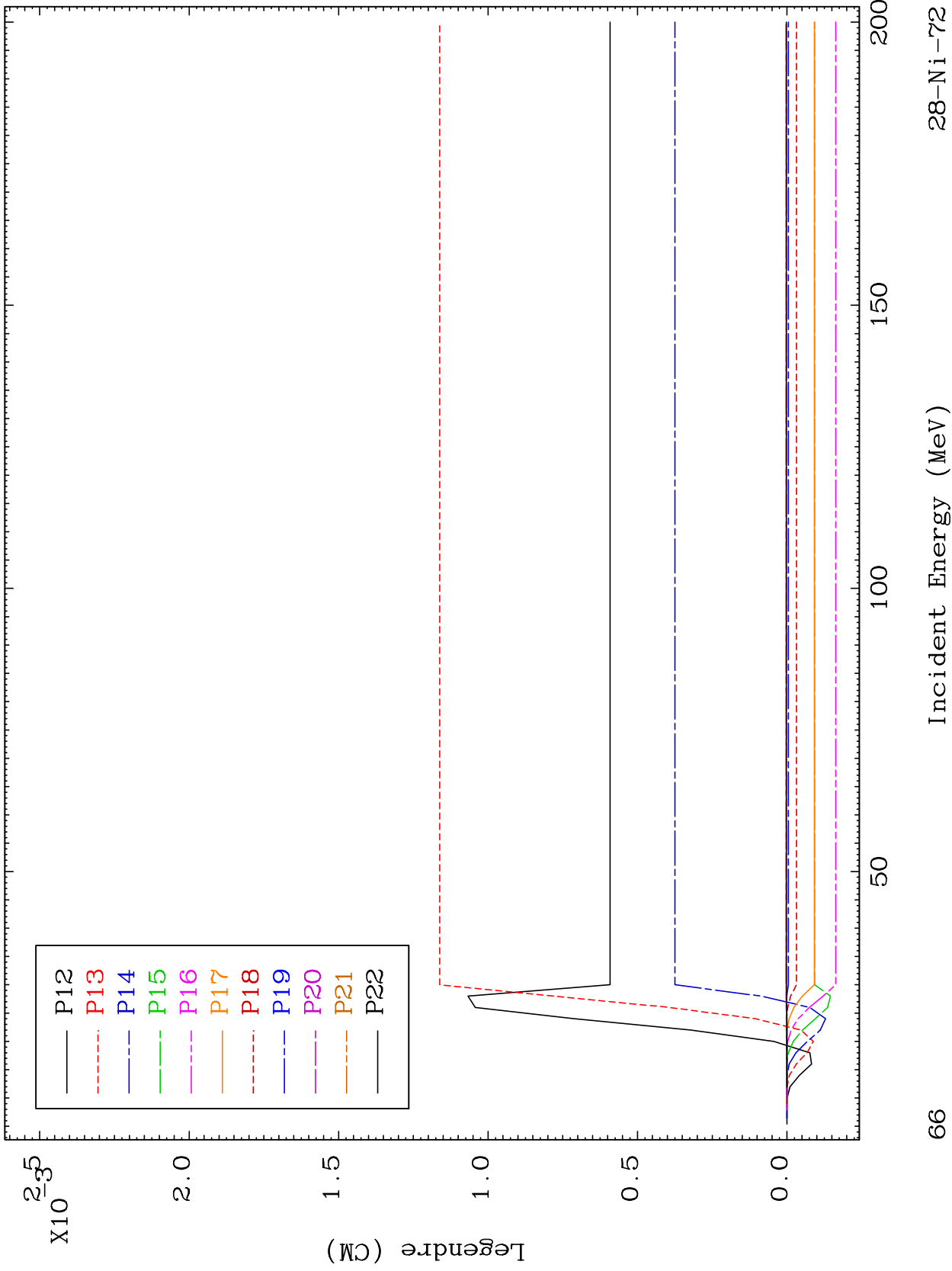
Incident Energy (MeV)

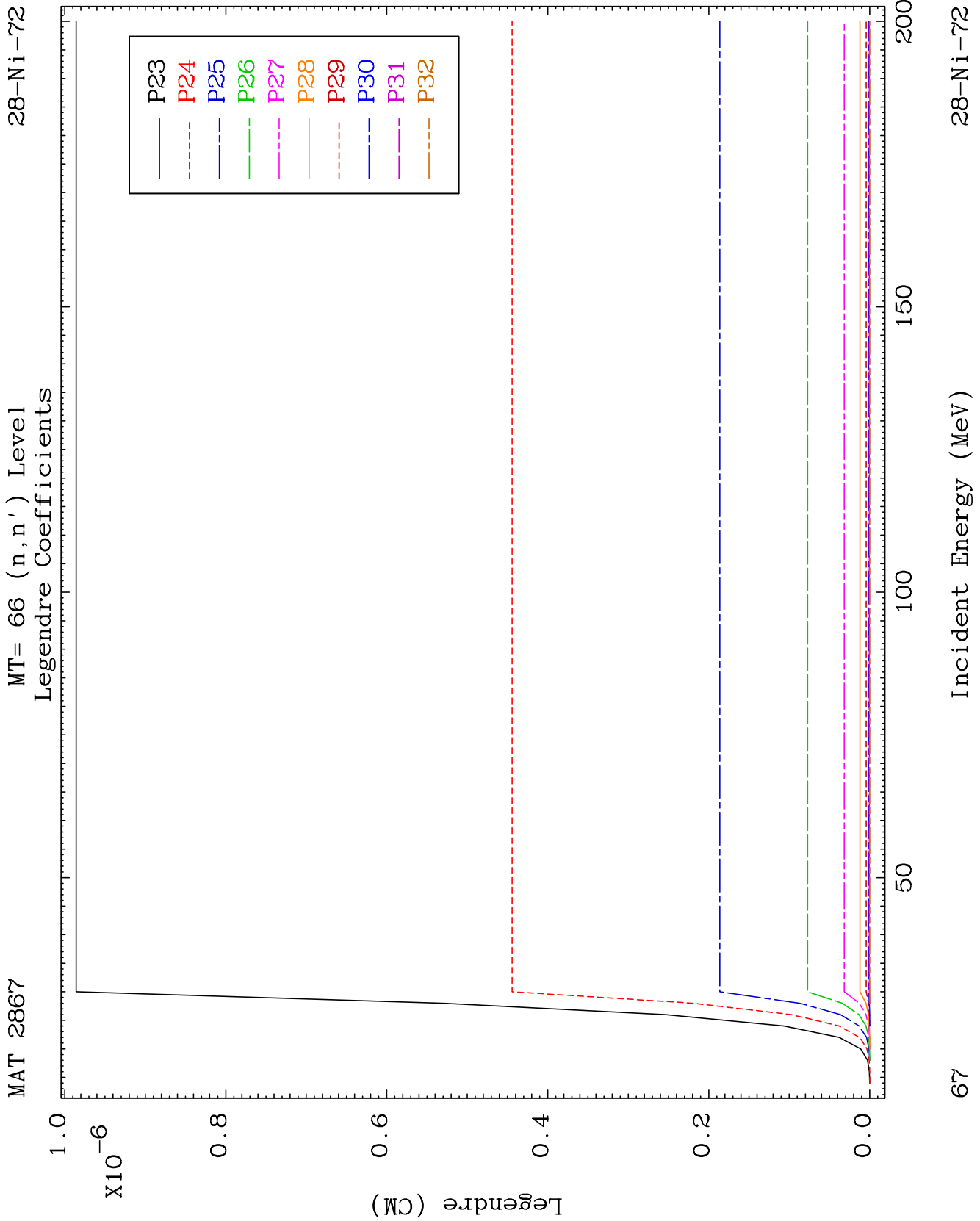
28-Ni-72

MAT 2867

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

28-Ni-72

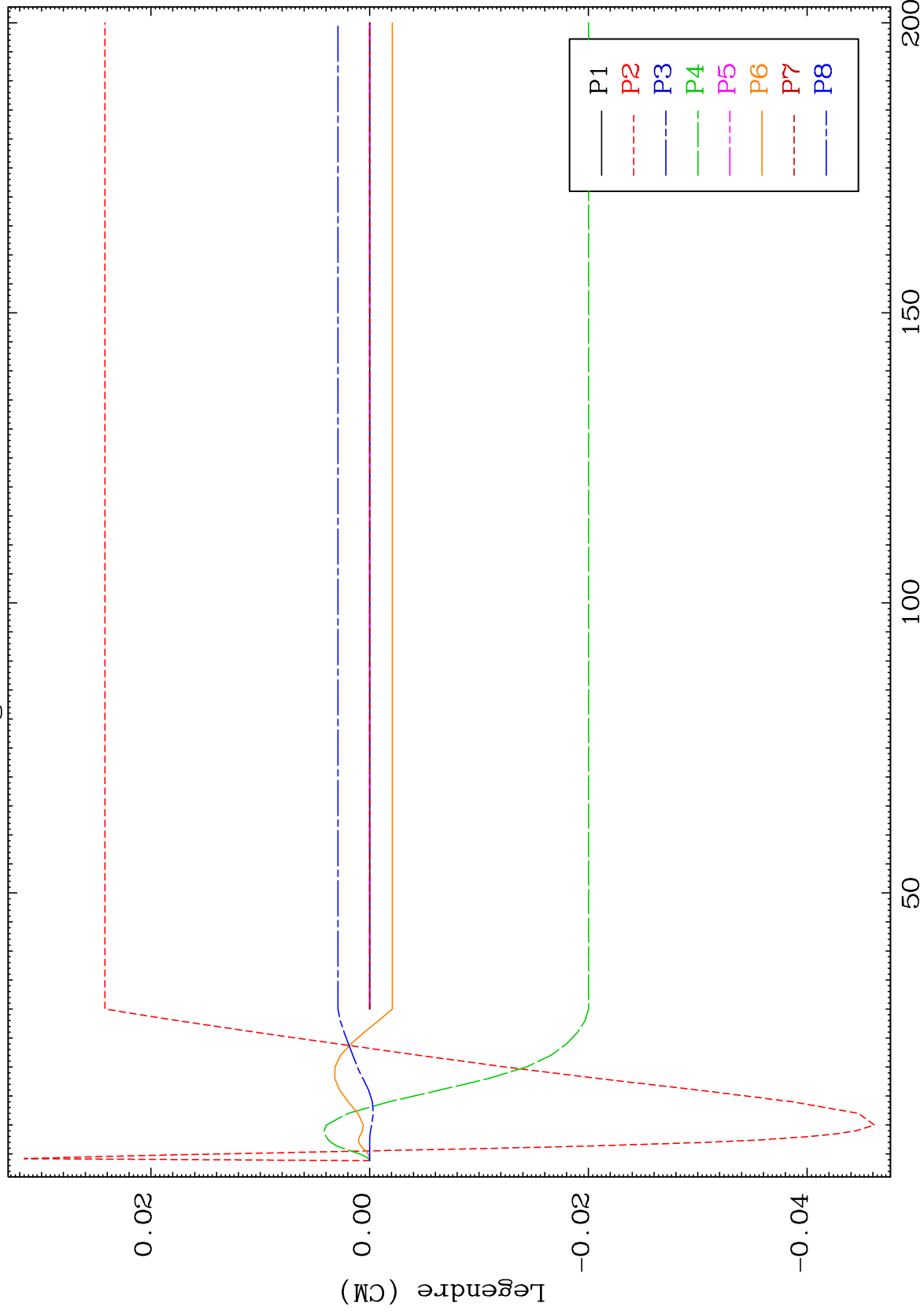




MAT 2867

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

28-Ni-72



68

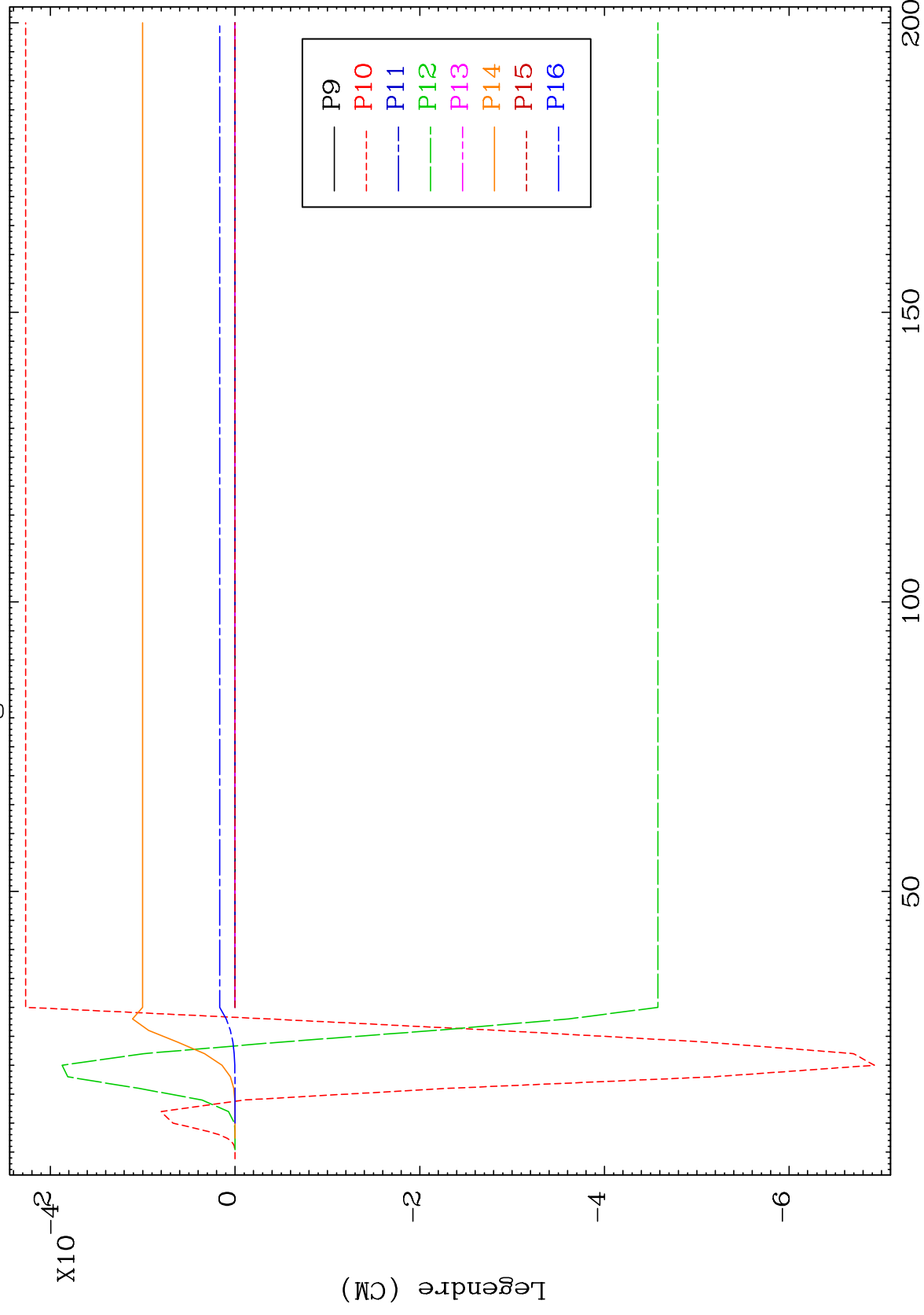
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

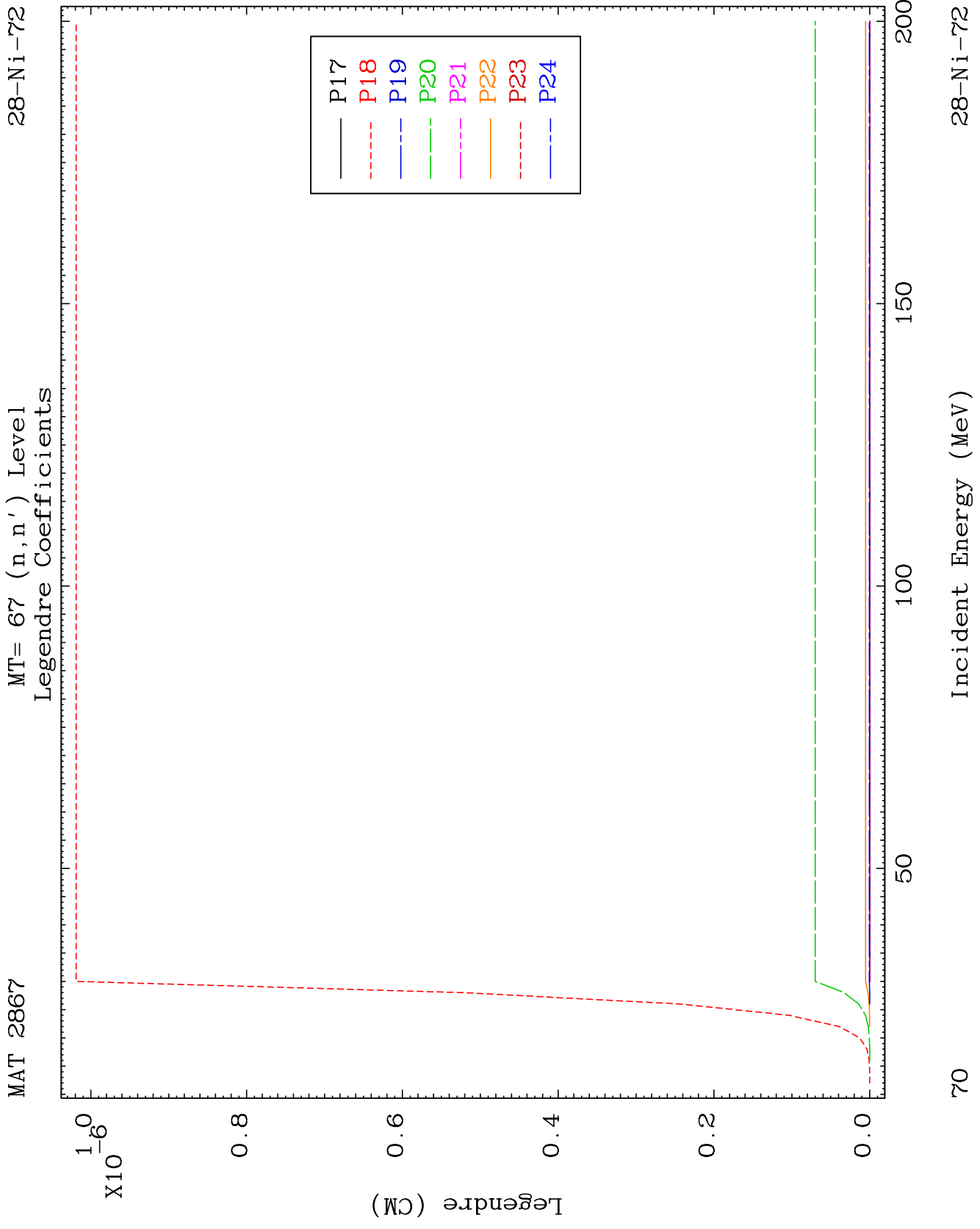
28-Ni-72

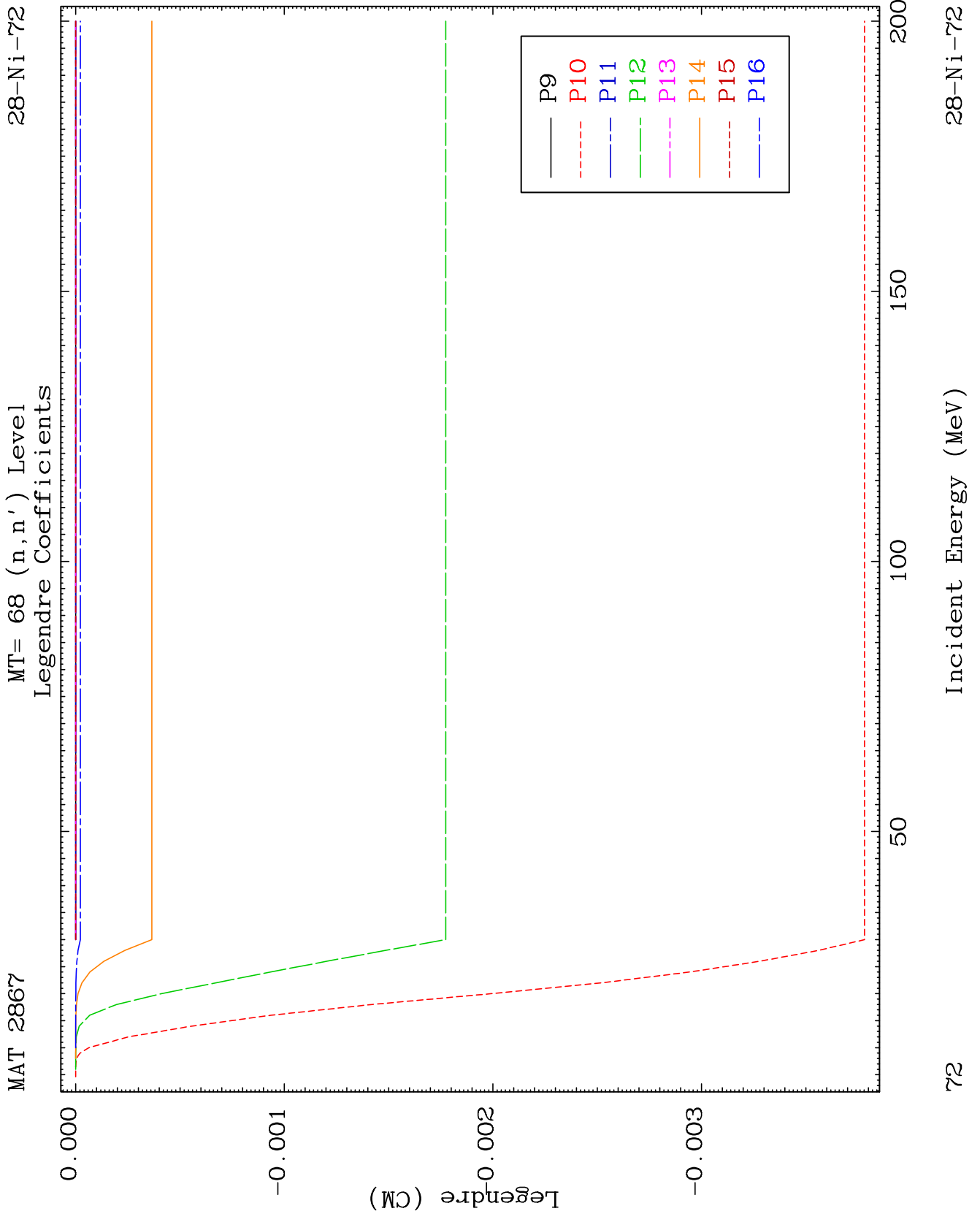


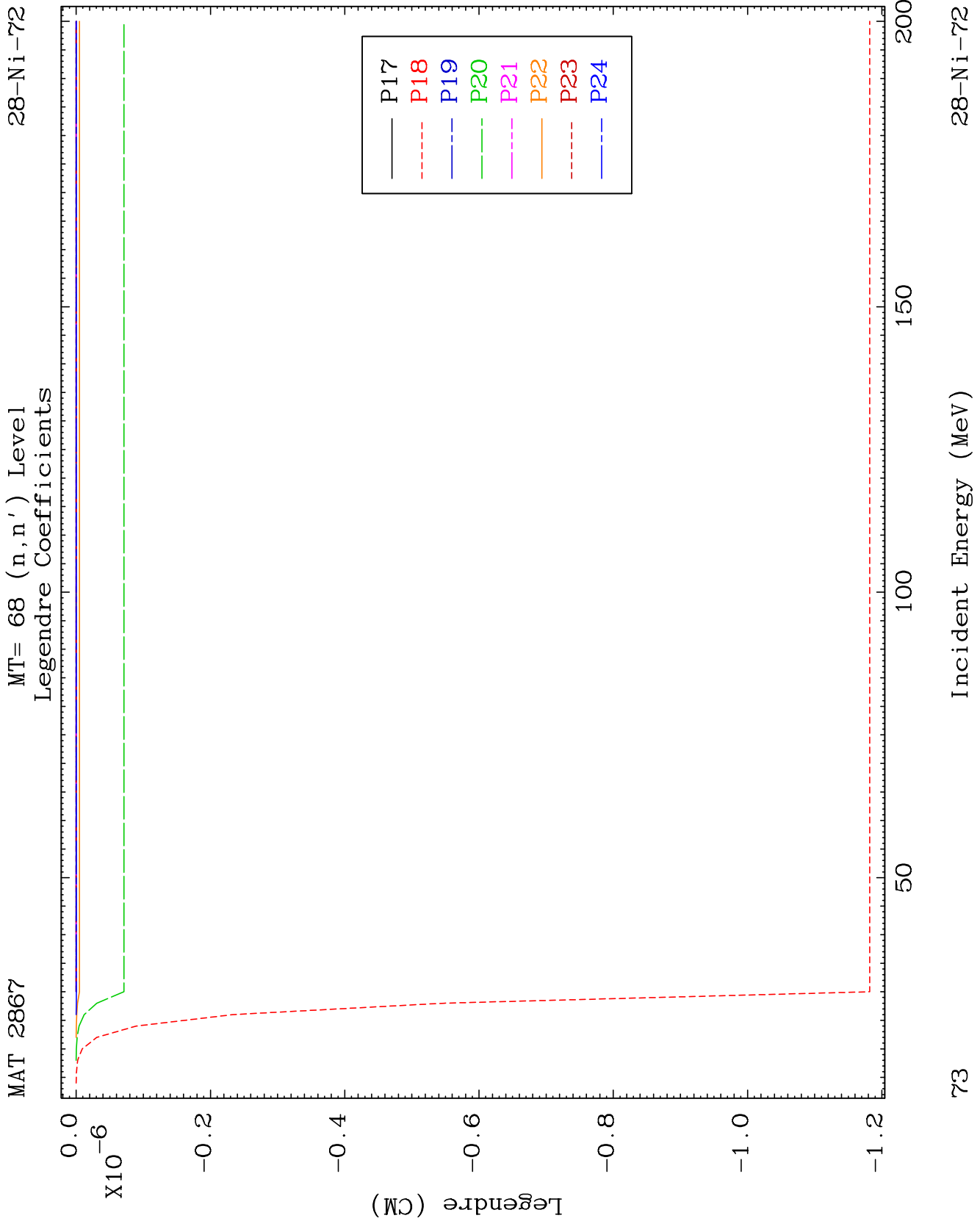
69

Incident Energy (MeV)

28-Ni-72



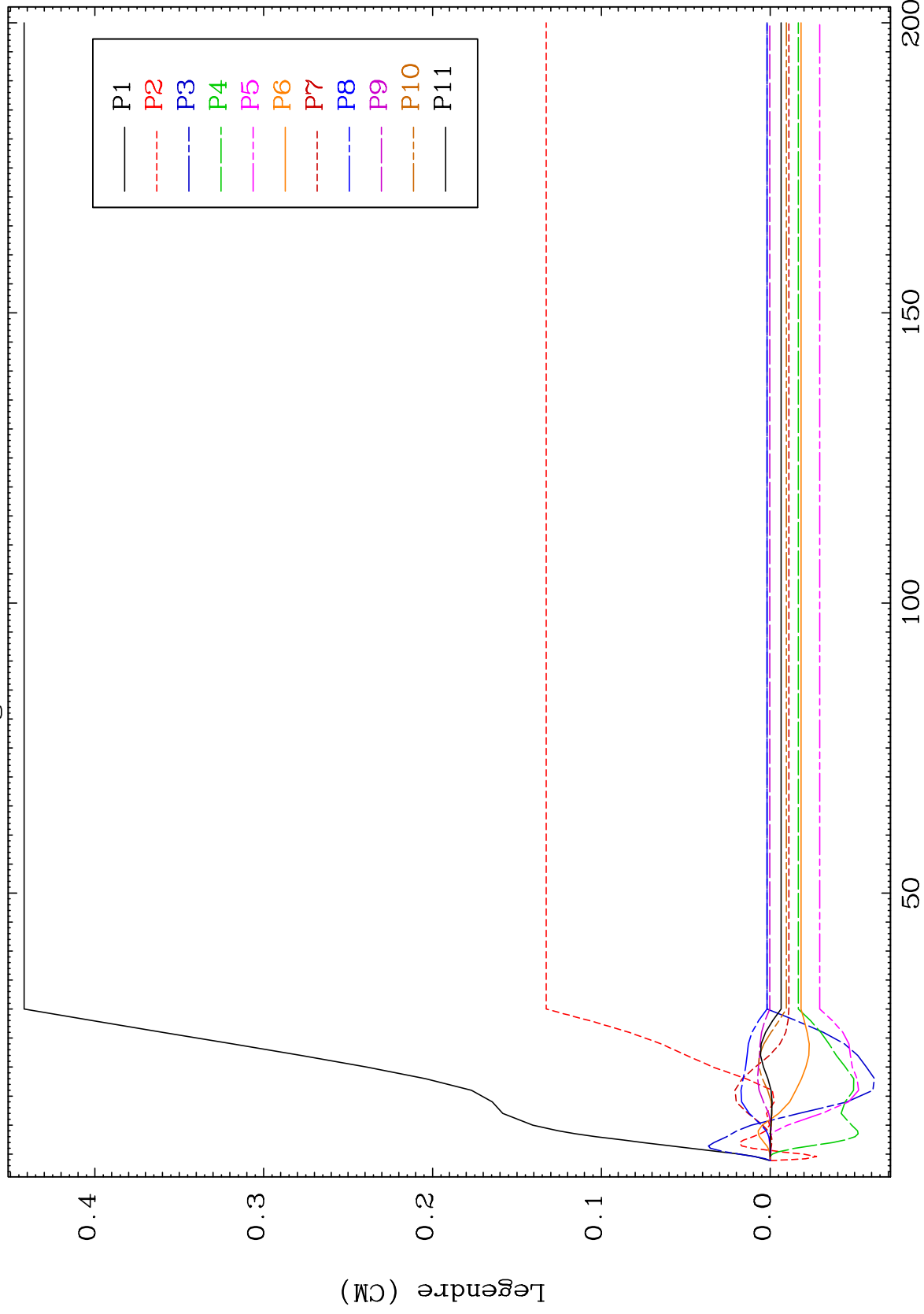




MAT 2867

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

28-Ni-72



74

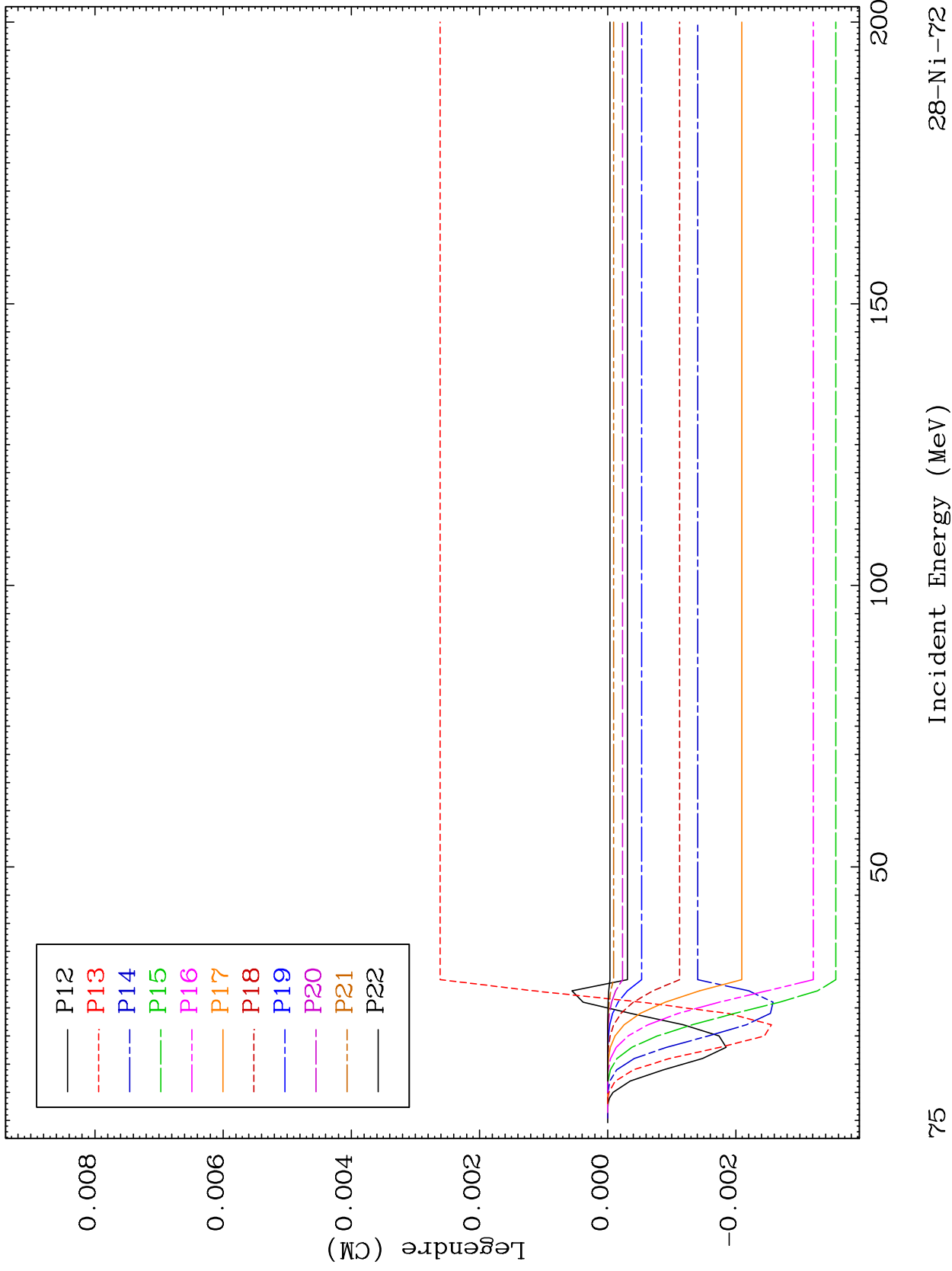
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

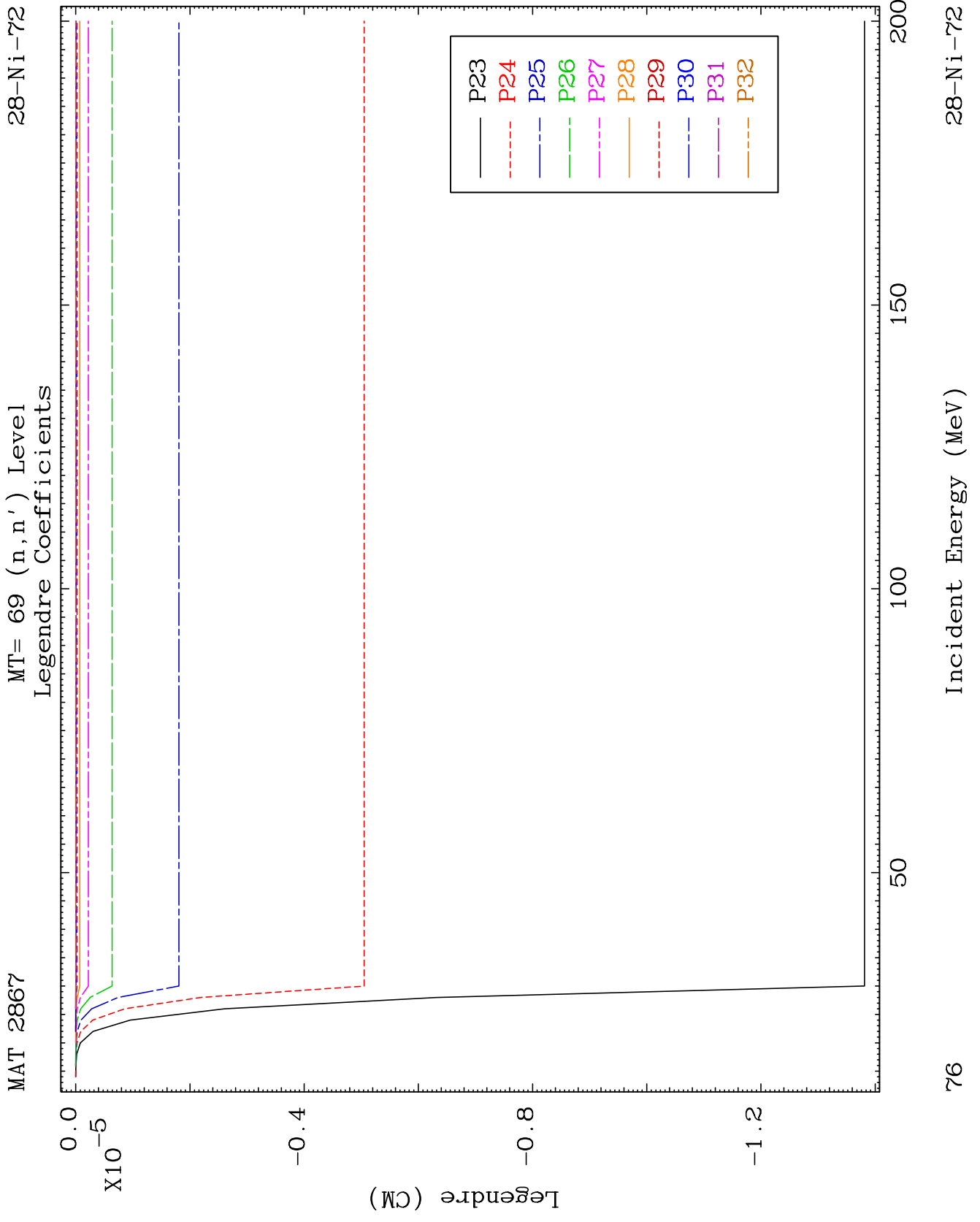
28-Ni-72



75

Incident Energy (MeV)

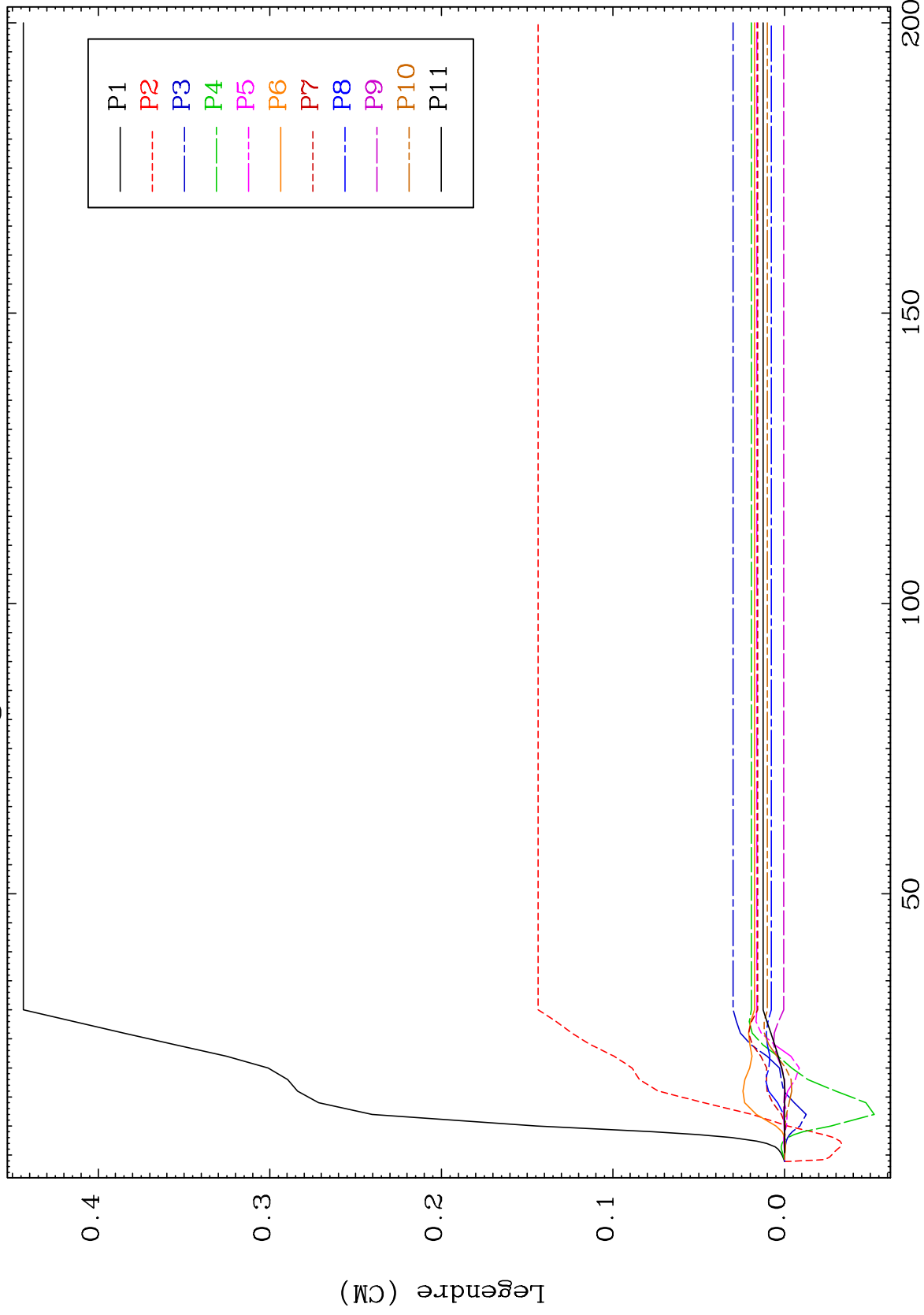
28-Ni-72



MAT 2867

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

28-Ni-72



77

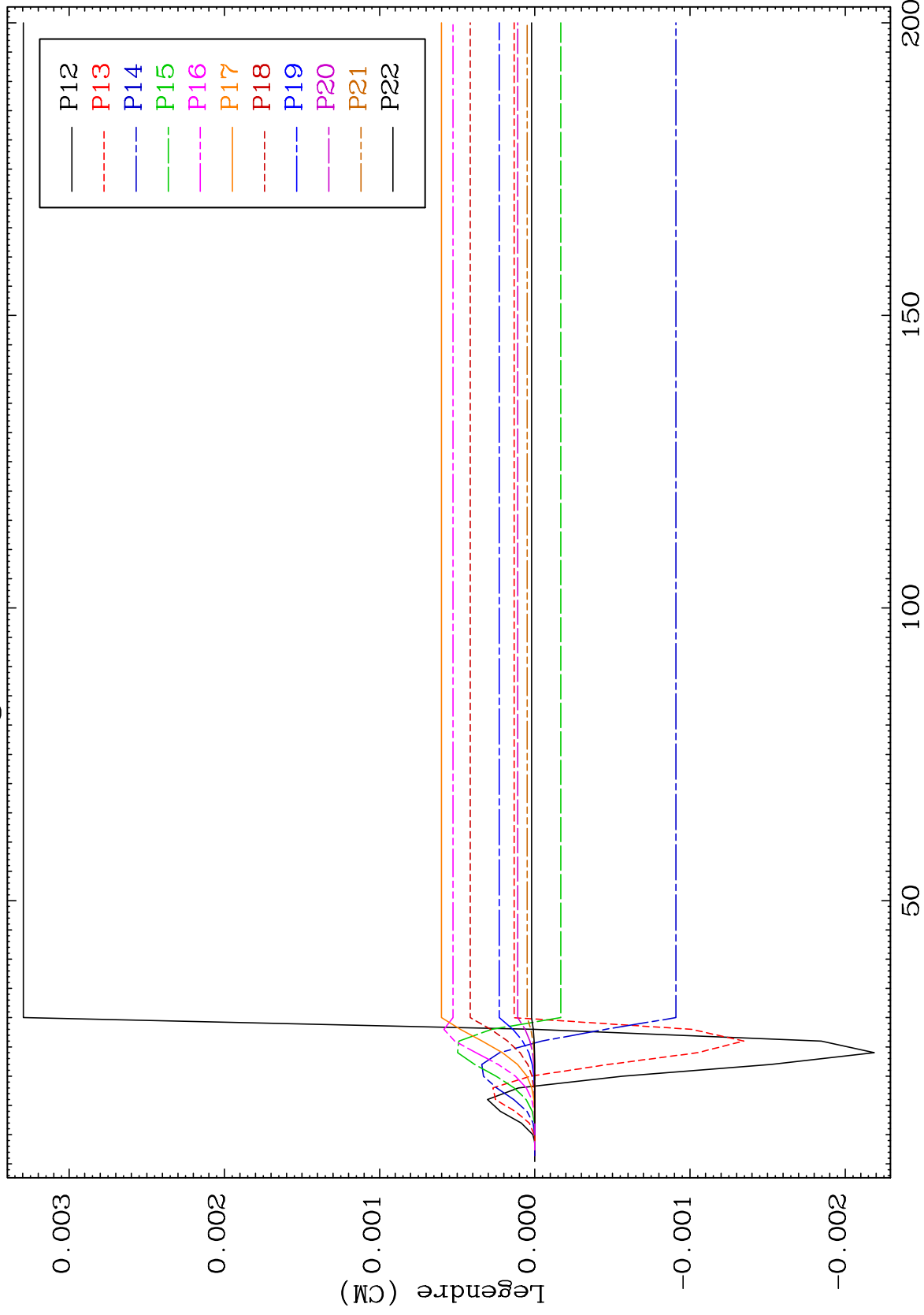
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



78

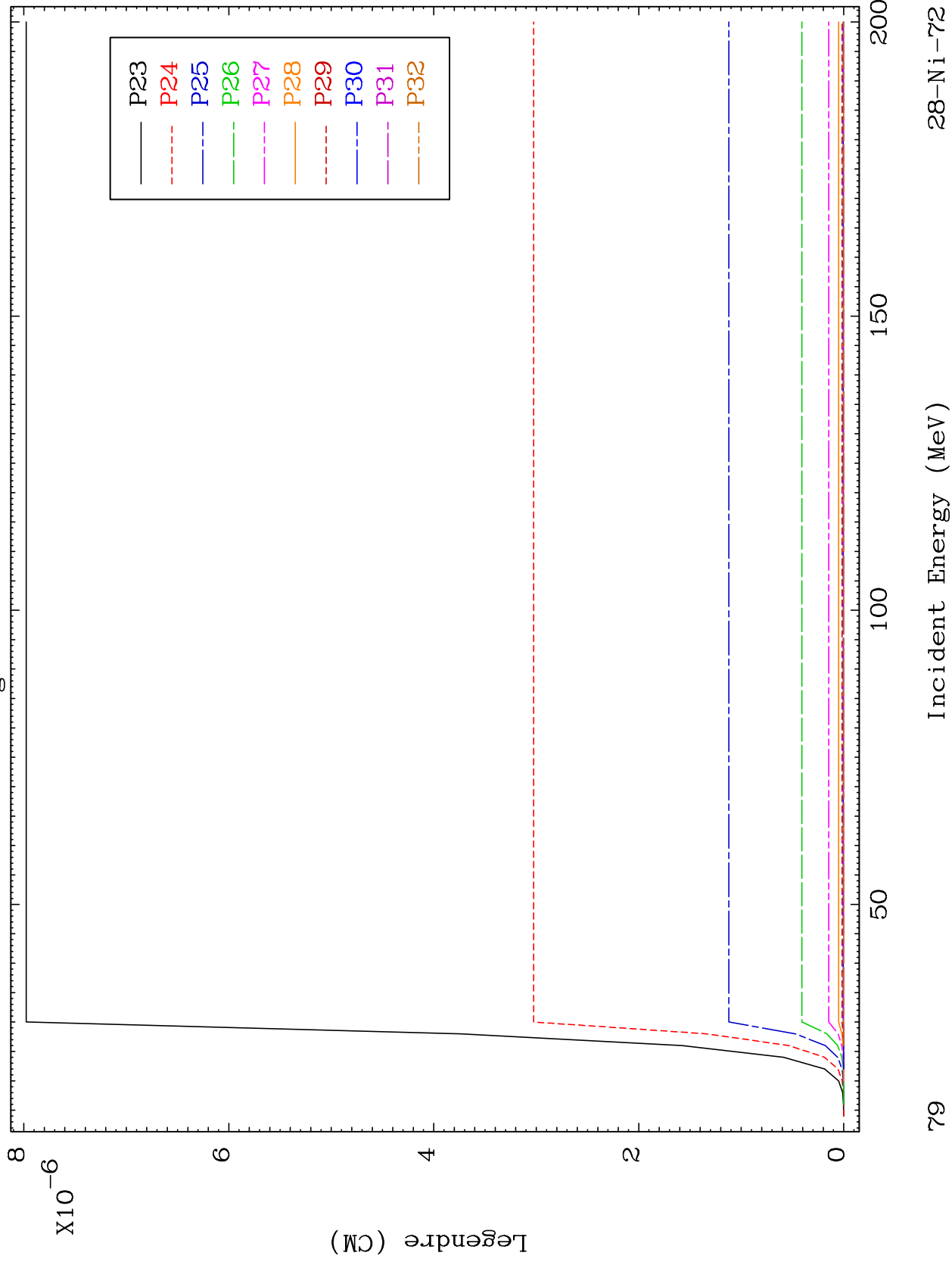
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

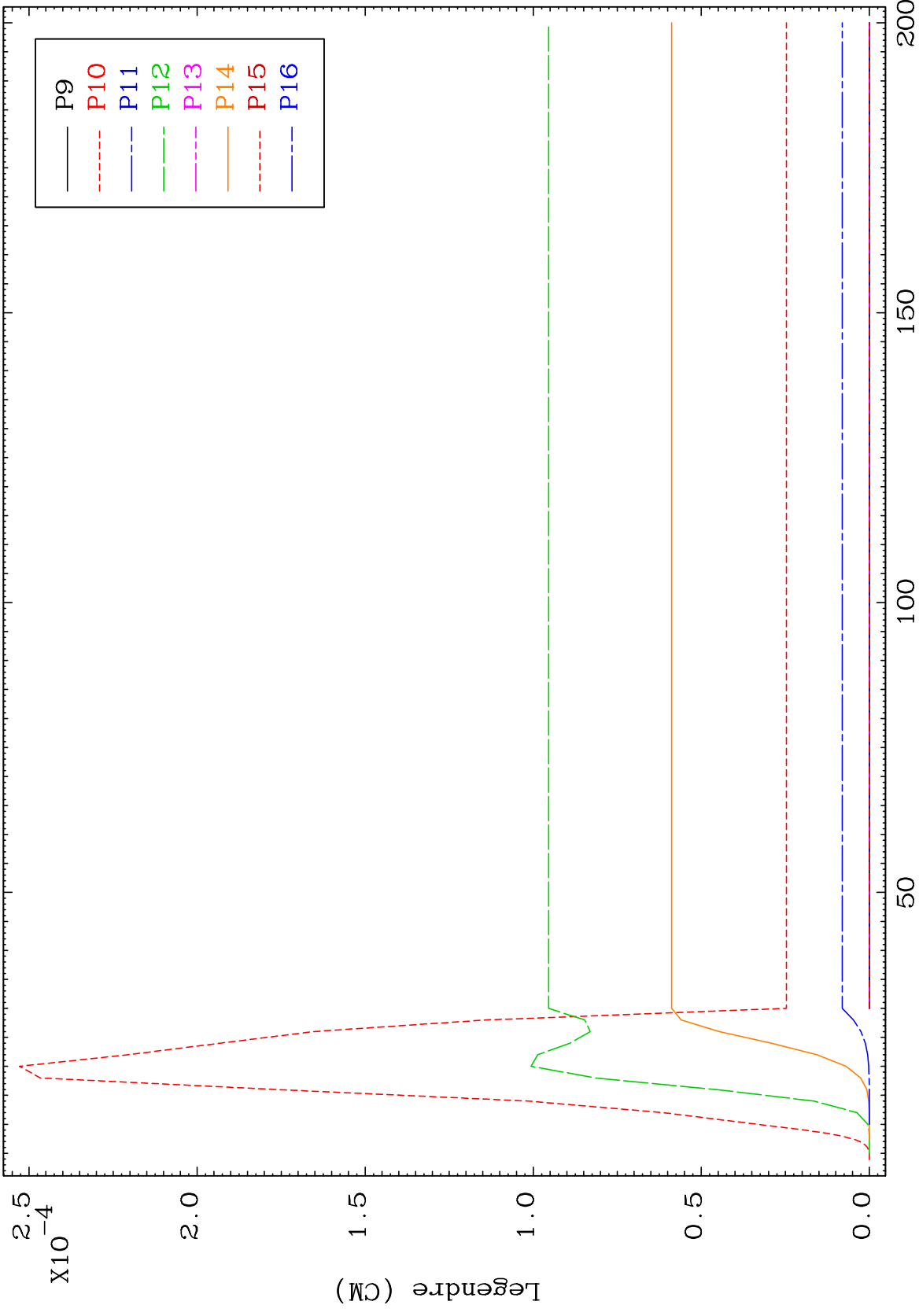
28-Ni-72



MAT 2867

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

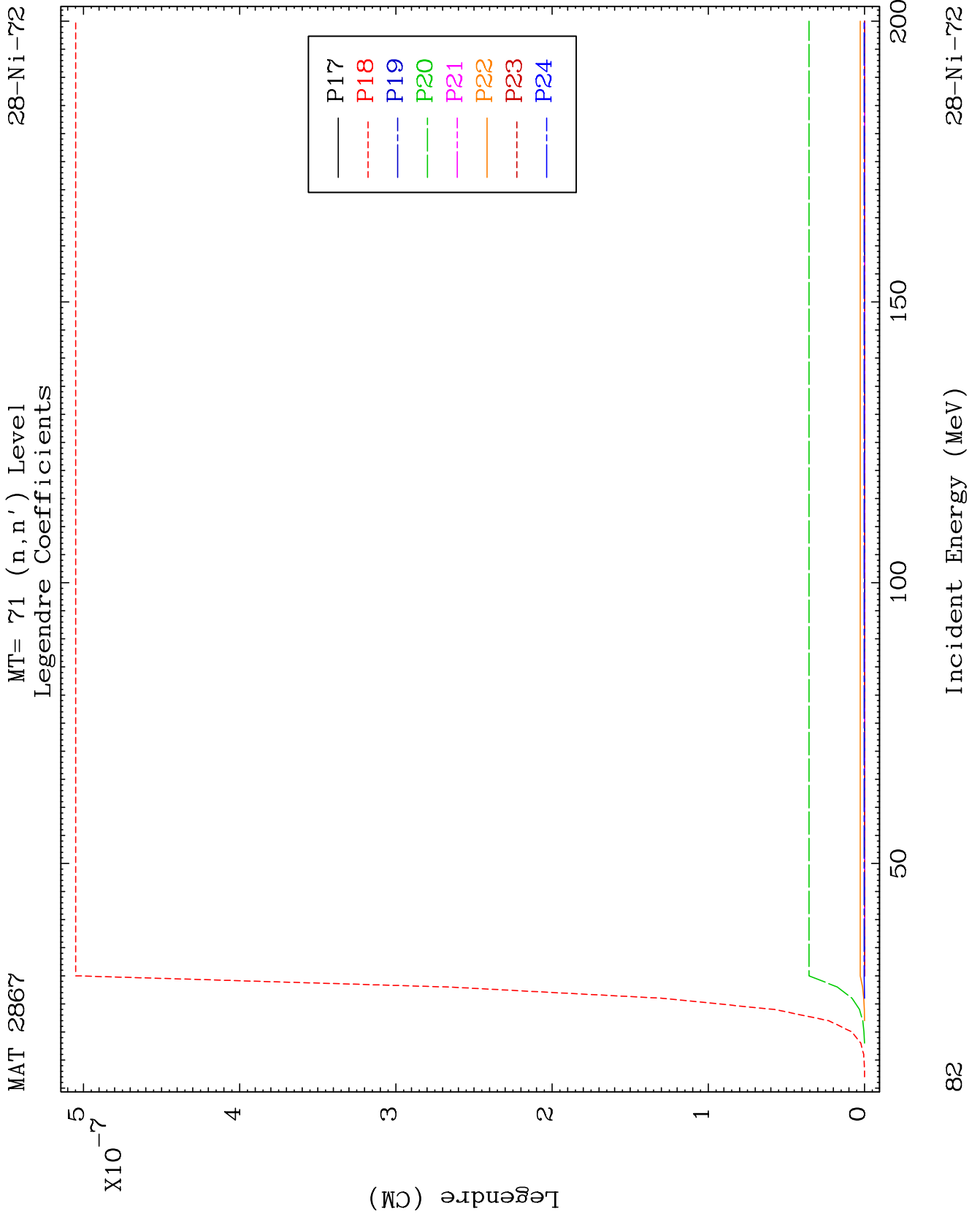
28-Ni-72



81

Incident Energy (MeV)

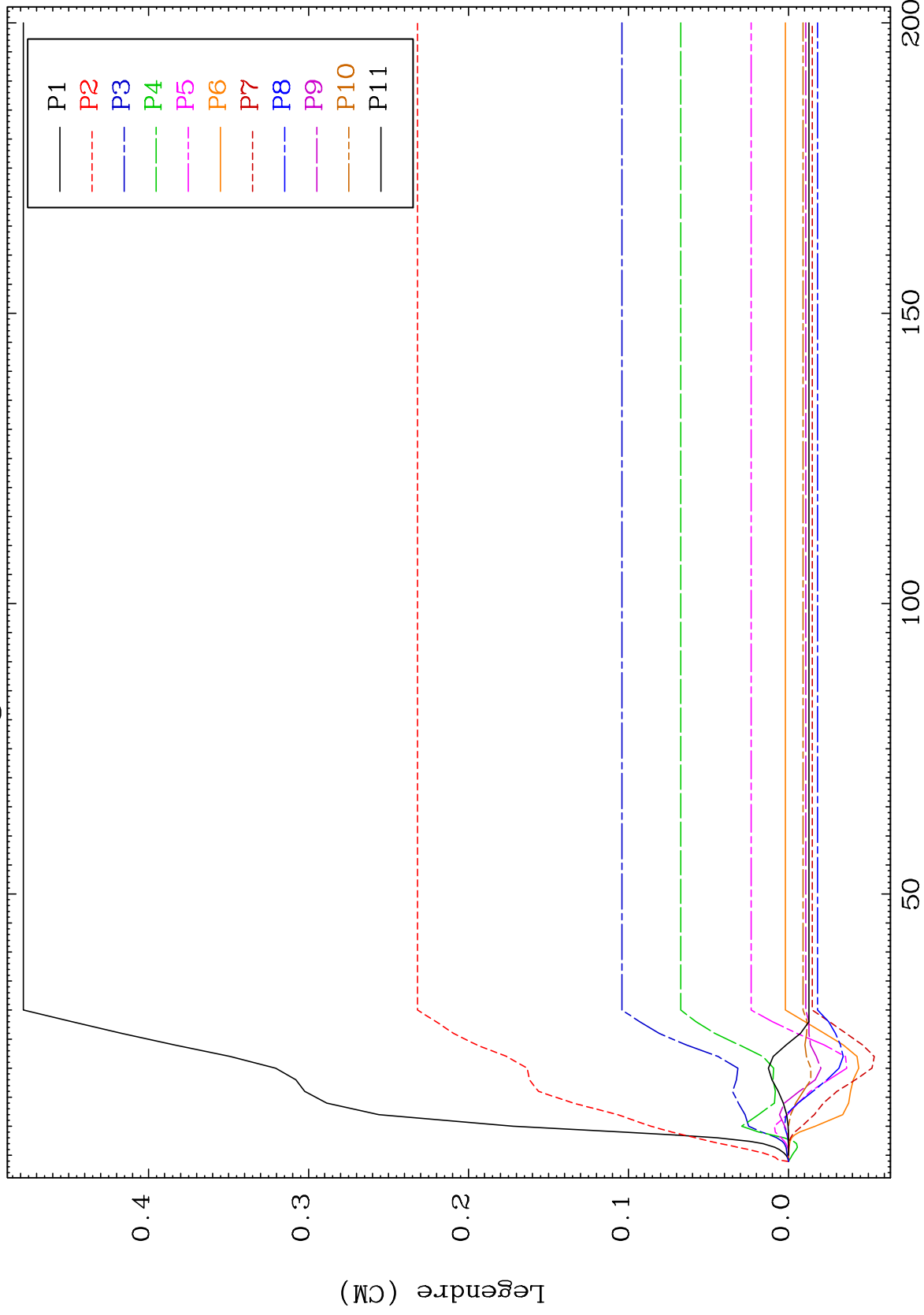
28-Ni-72



MAT 2867

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

28-Ni-72



83

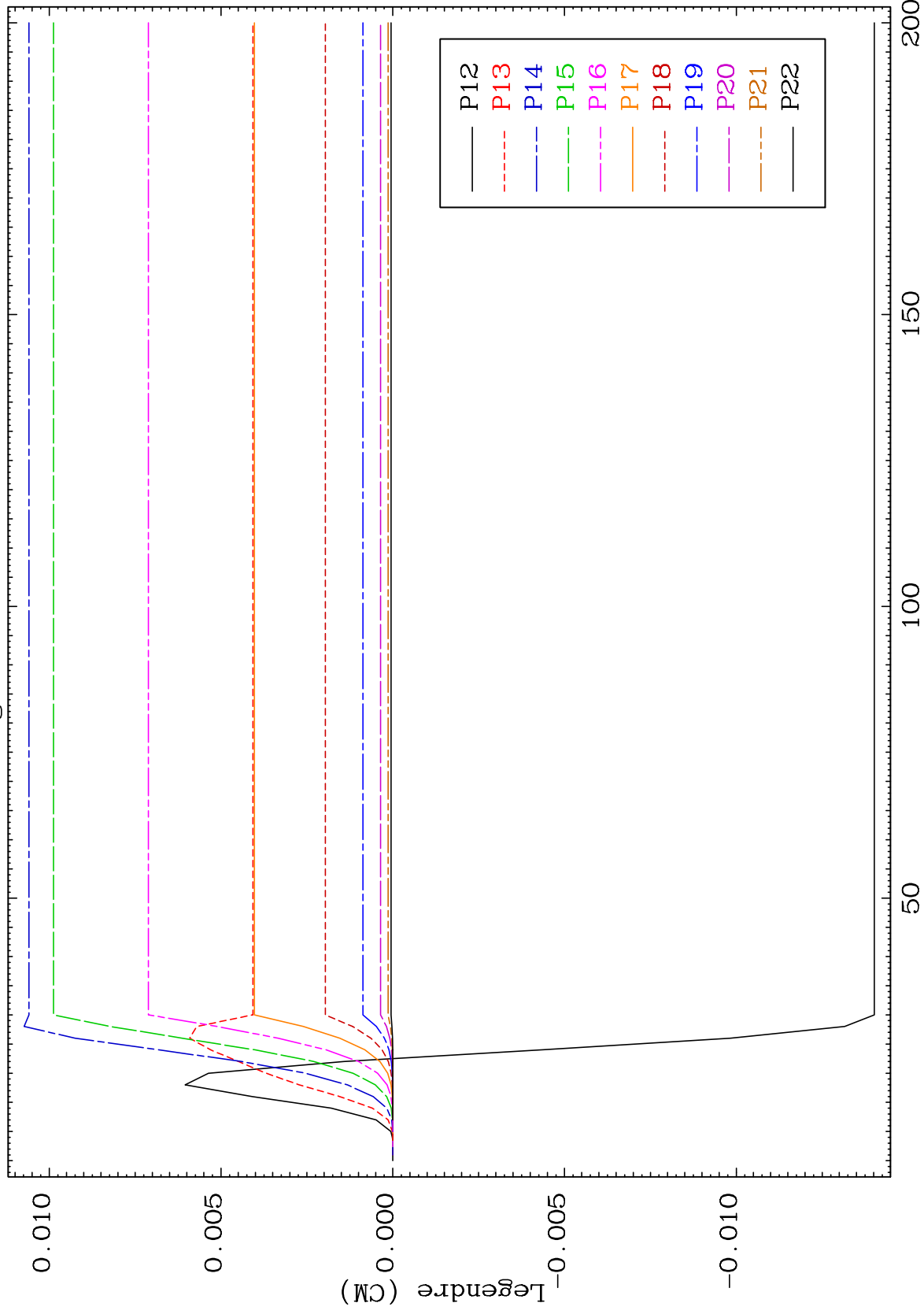
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



84

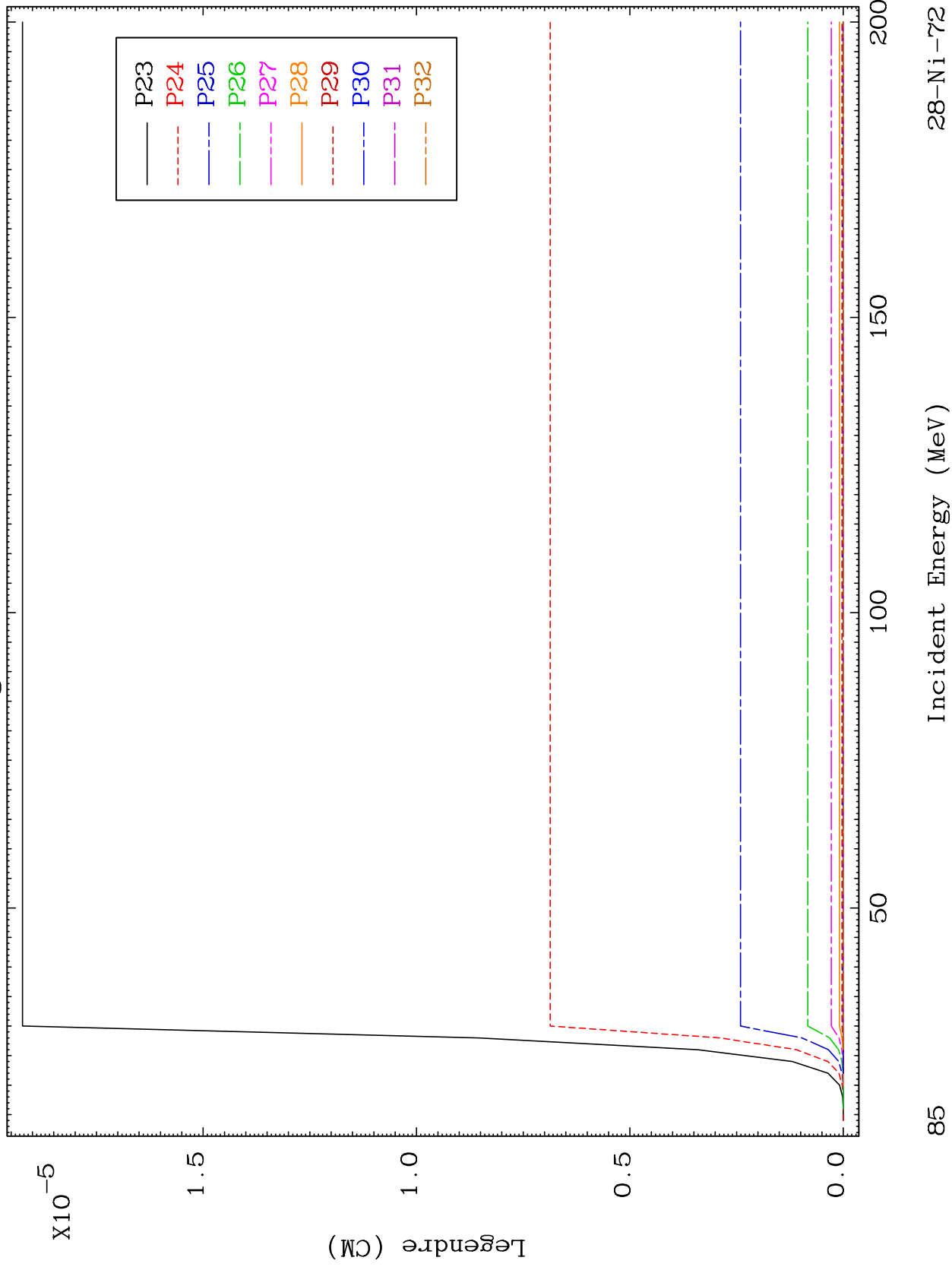
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

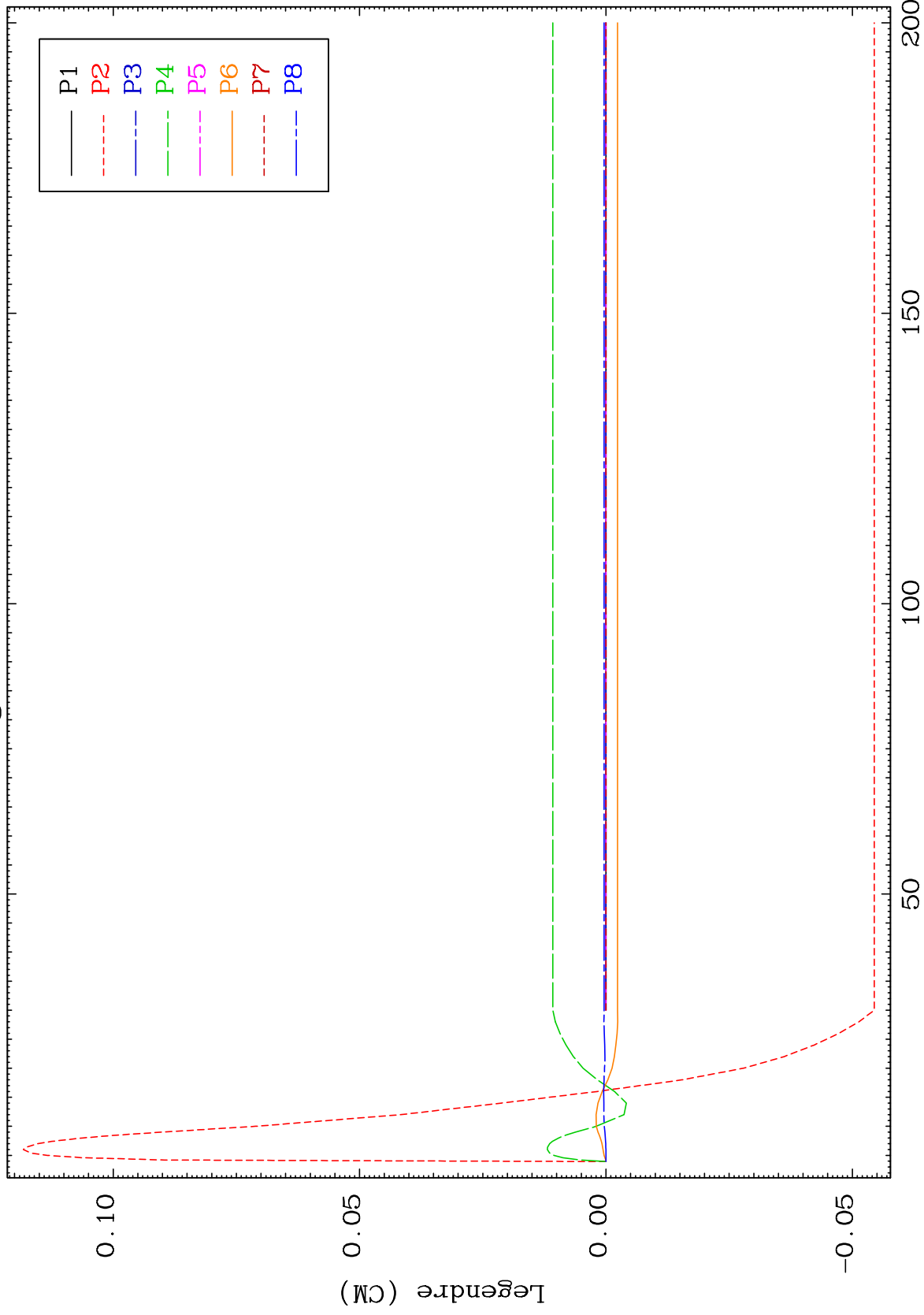
28-Ni-72



MAT 2867

MT= 73 (n,n') Level
Legendre Coefficients

28-Ni-72



86

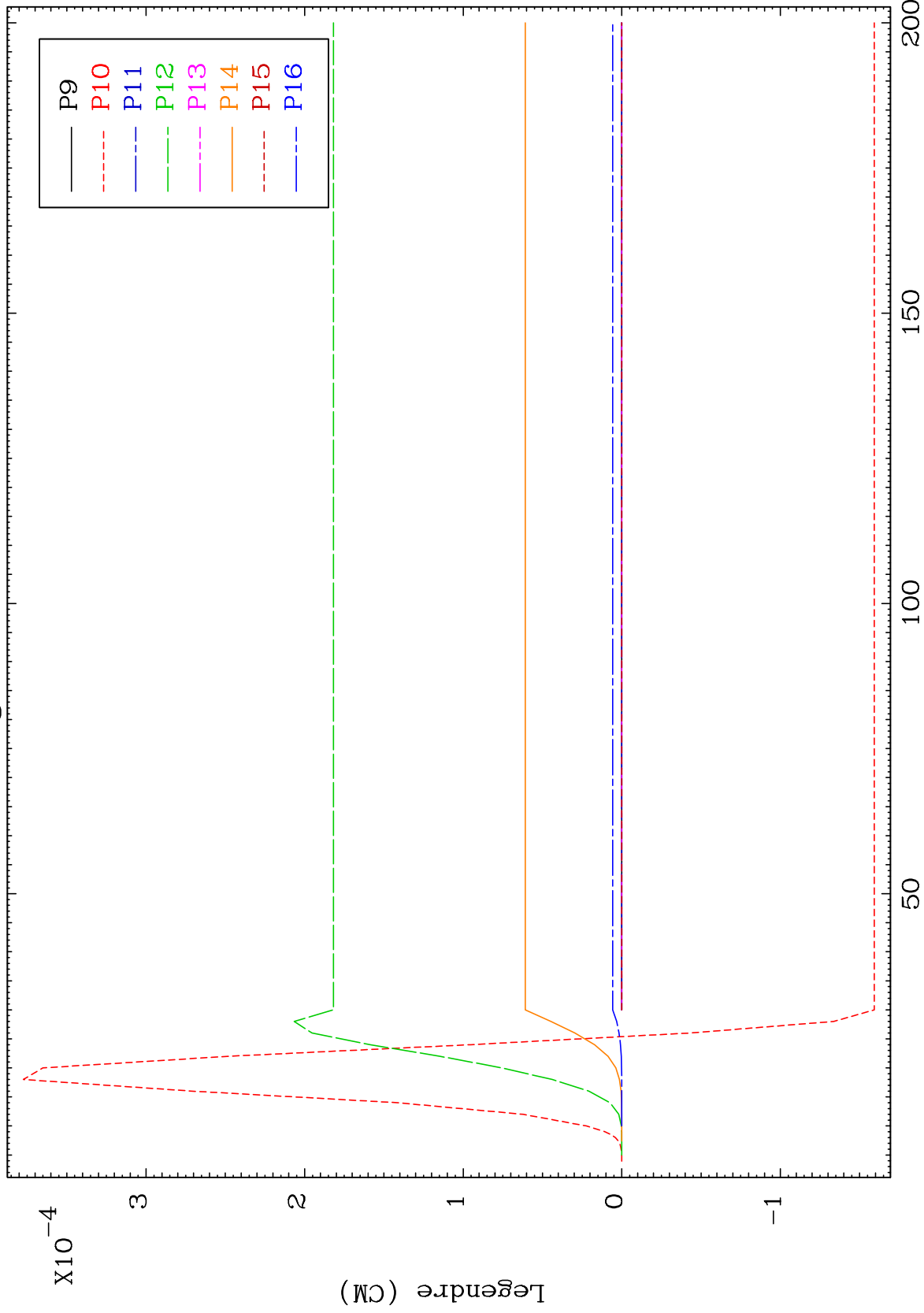
Incident Energy (MeV)

28-Ni-72

MAT 2867

MT= 73 (n,n') Level
Legendre Coefficients

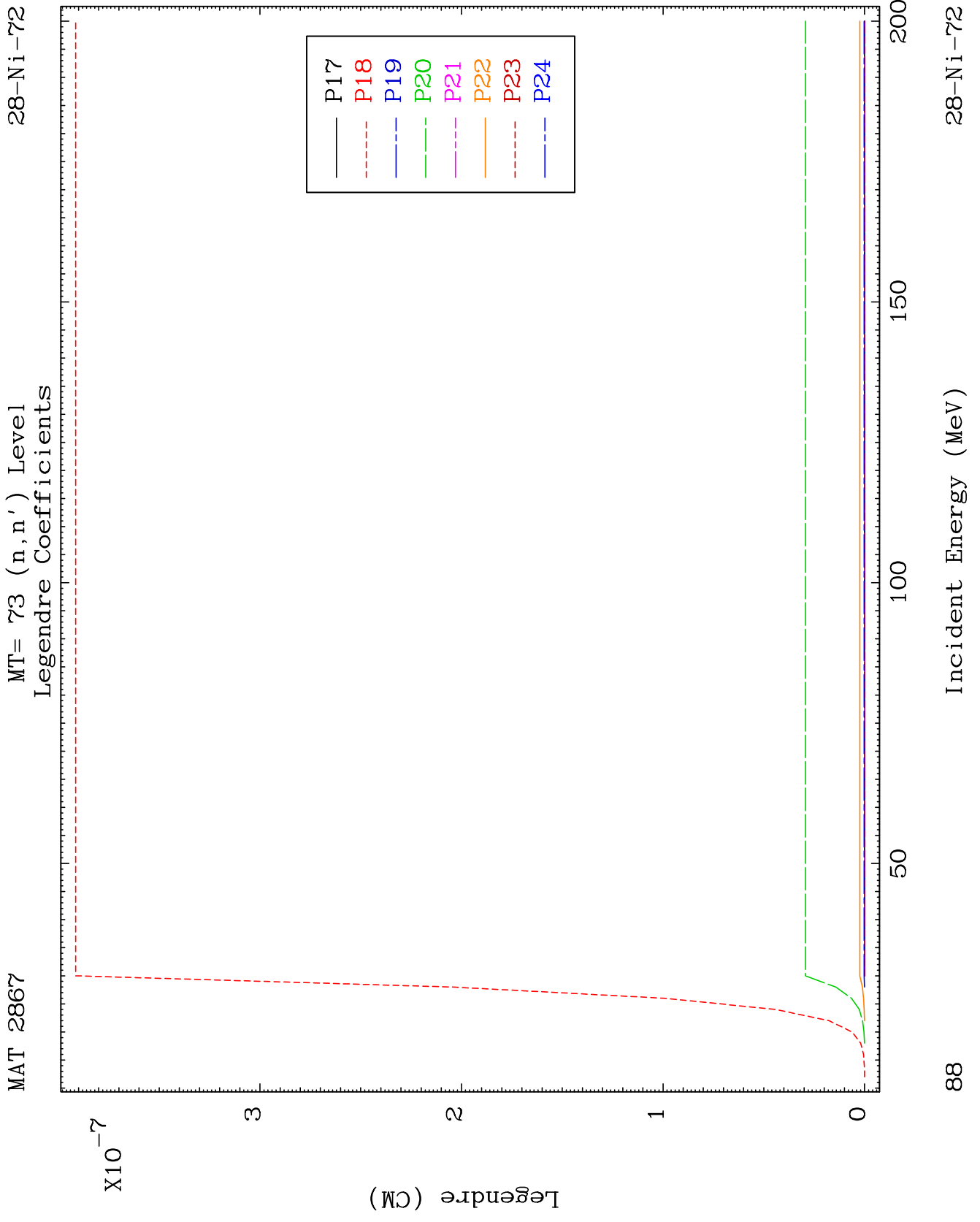
28-Ni-72



87

Incident Energy (MeV)

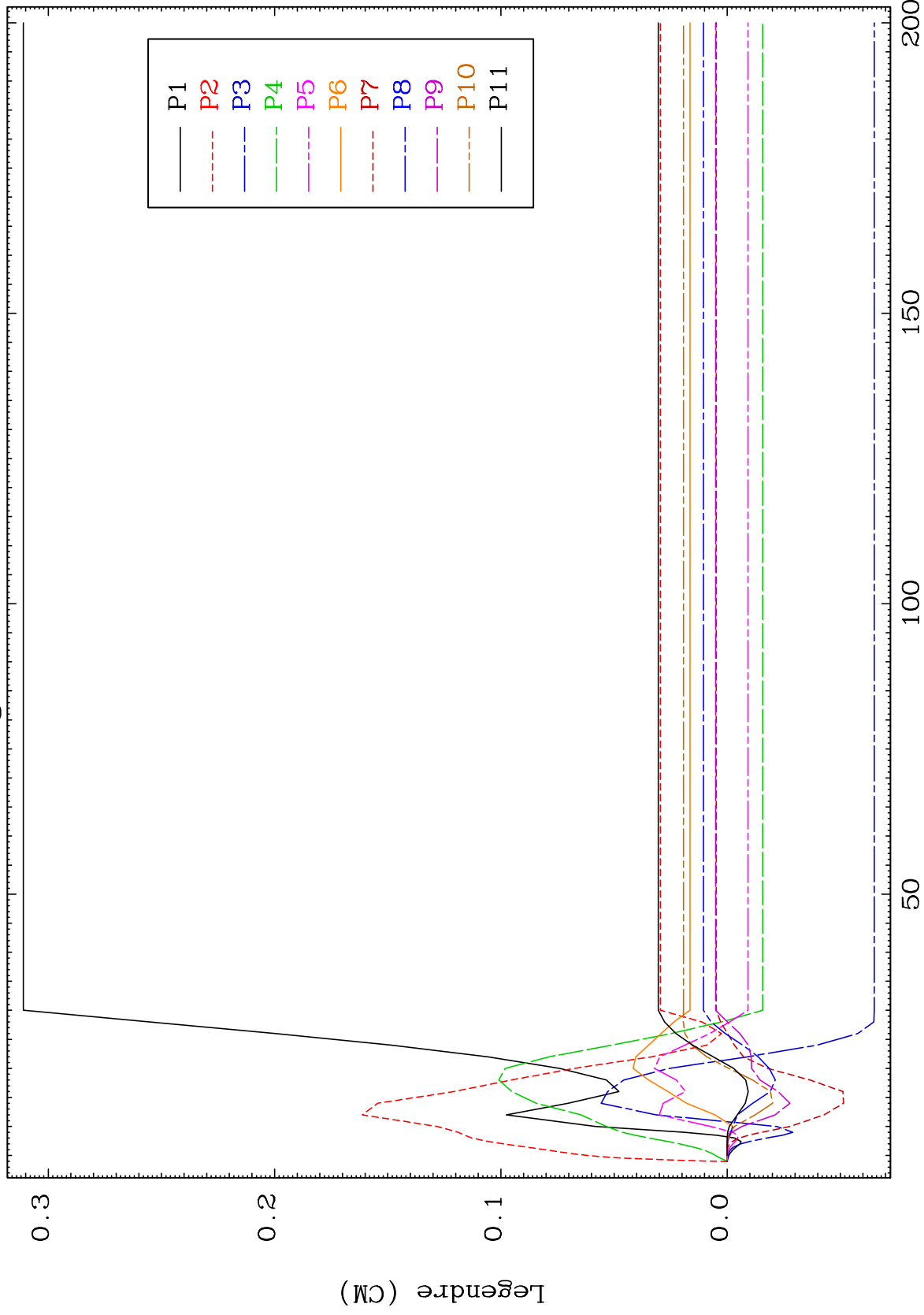
28-Ni-72



MAT 2867

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

28-Ni-72



89

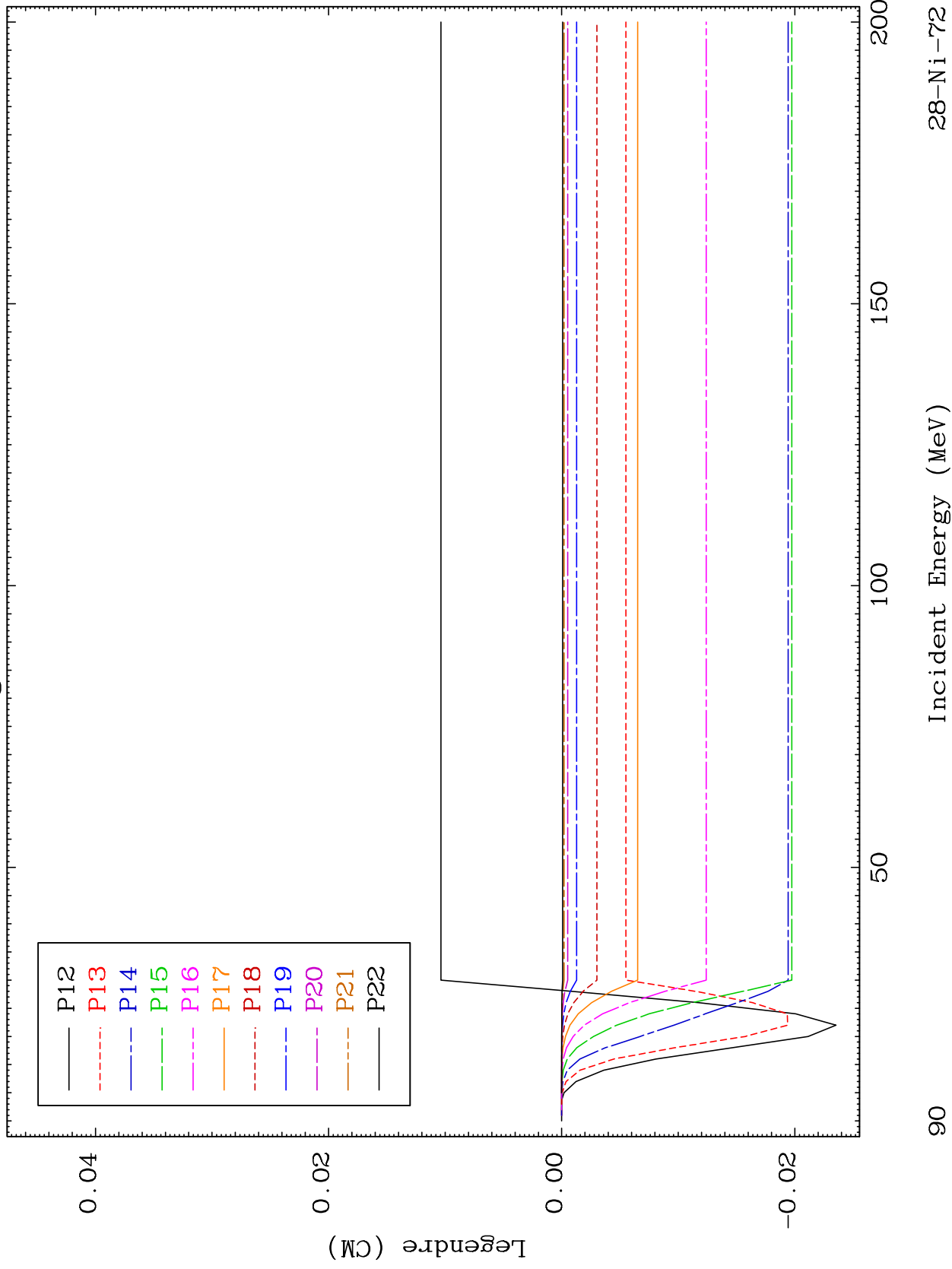
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



90

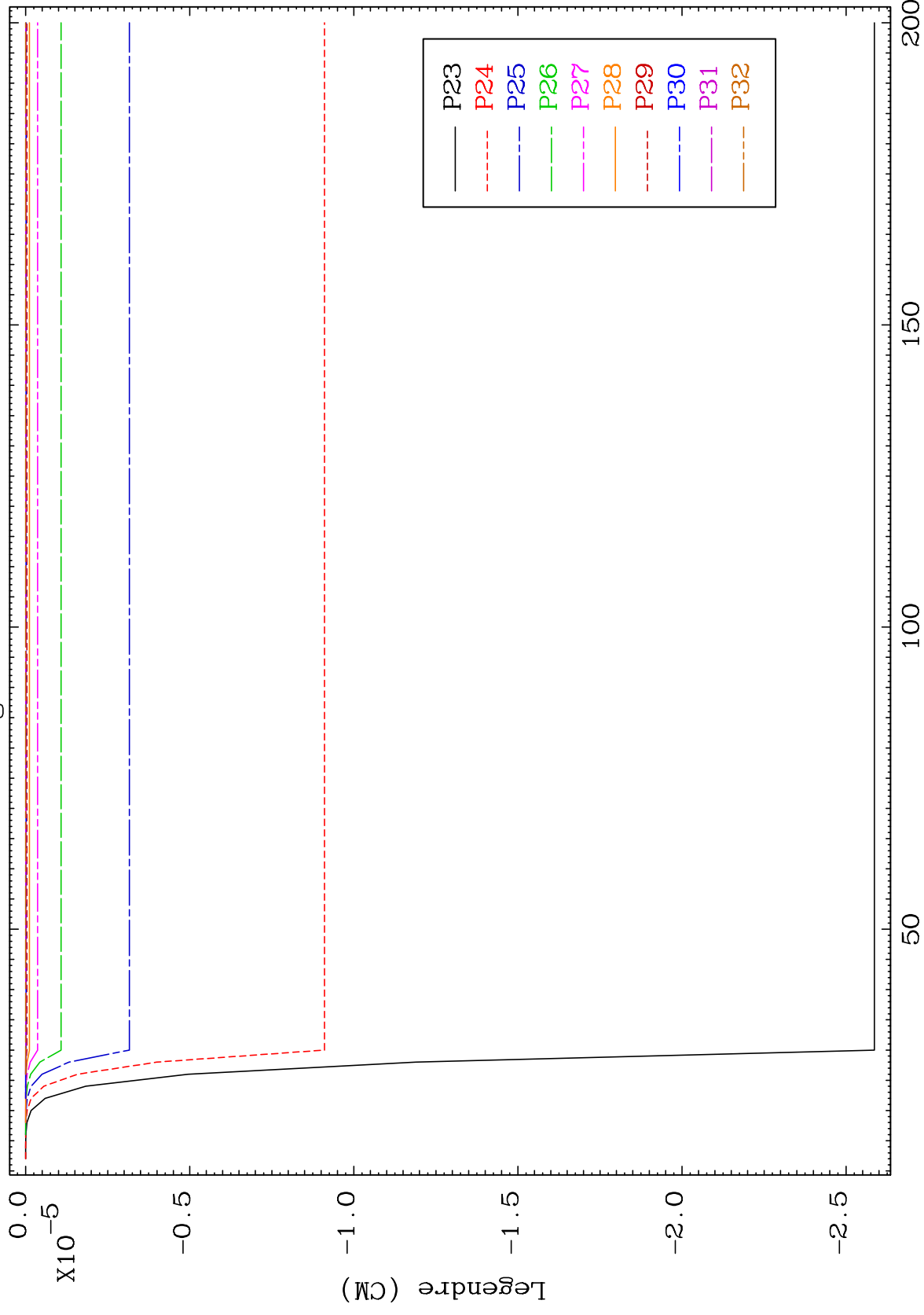
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

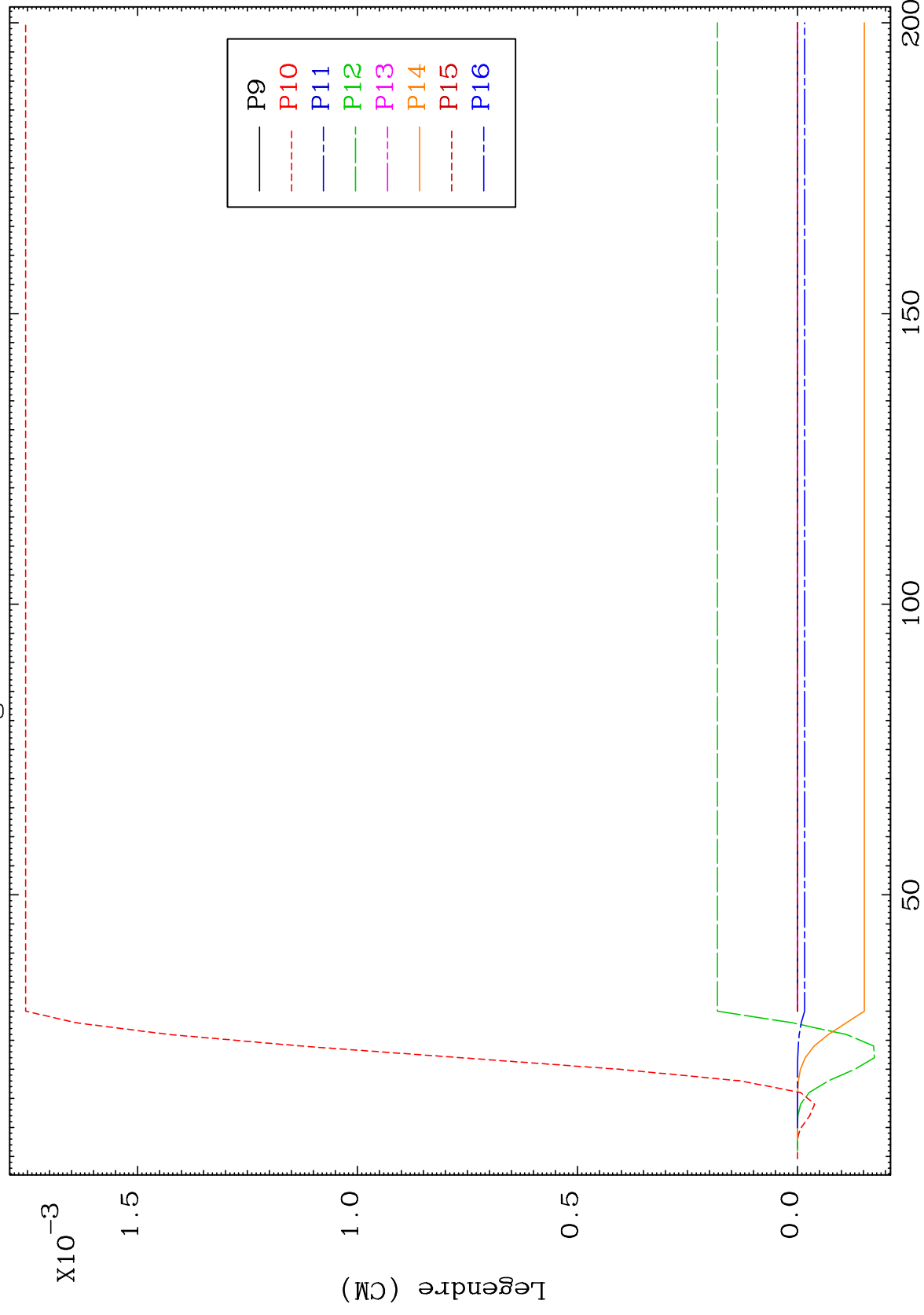
28-Ni-72



MAT 2867

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

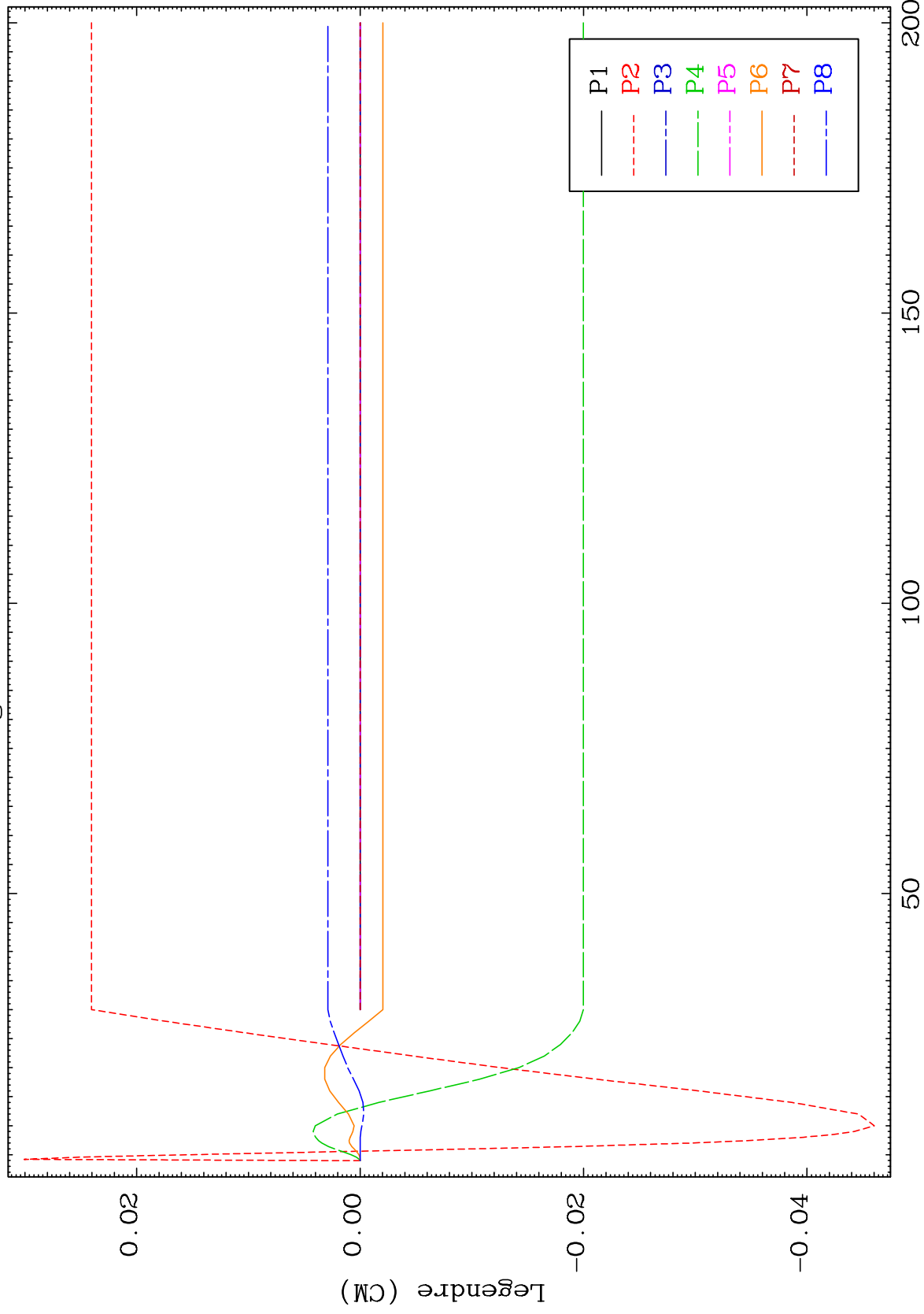
28-Ni-72



MAT 2867

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

28-Ni-72



95

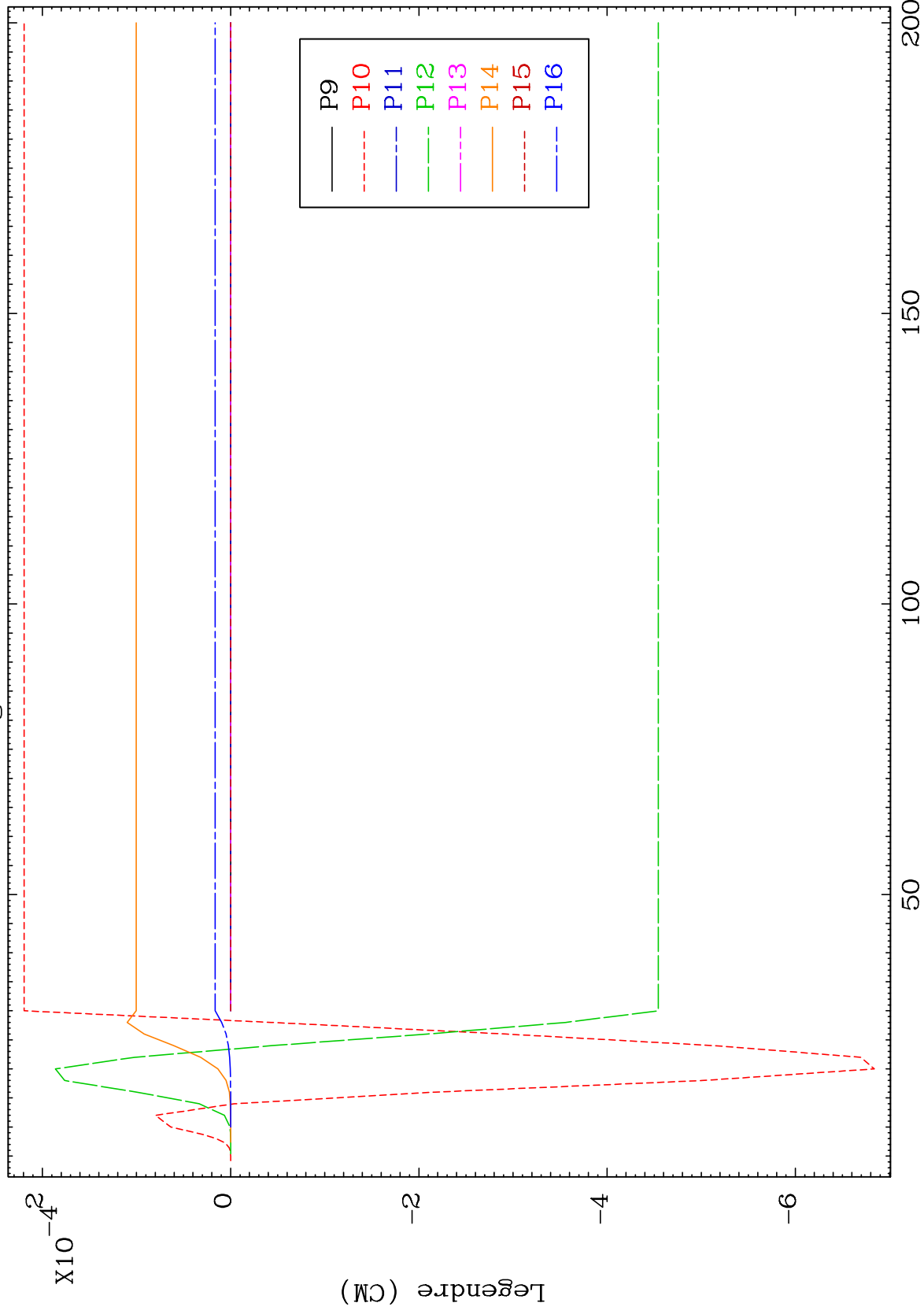
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

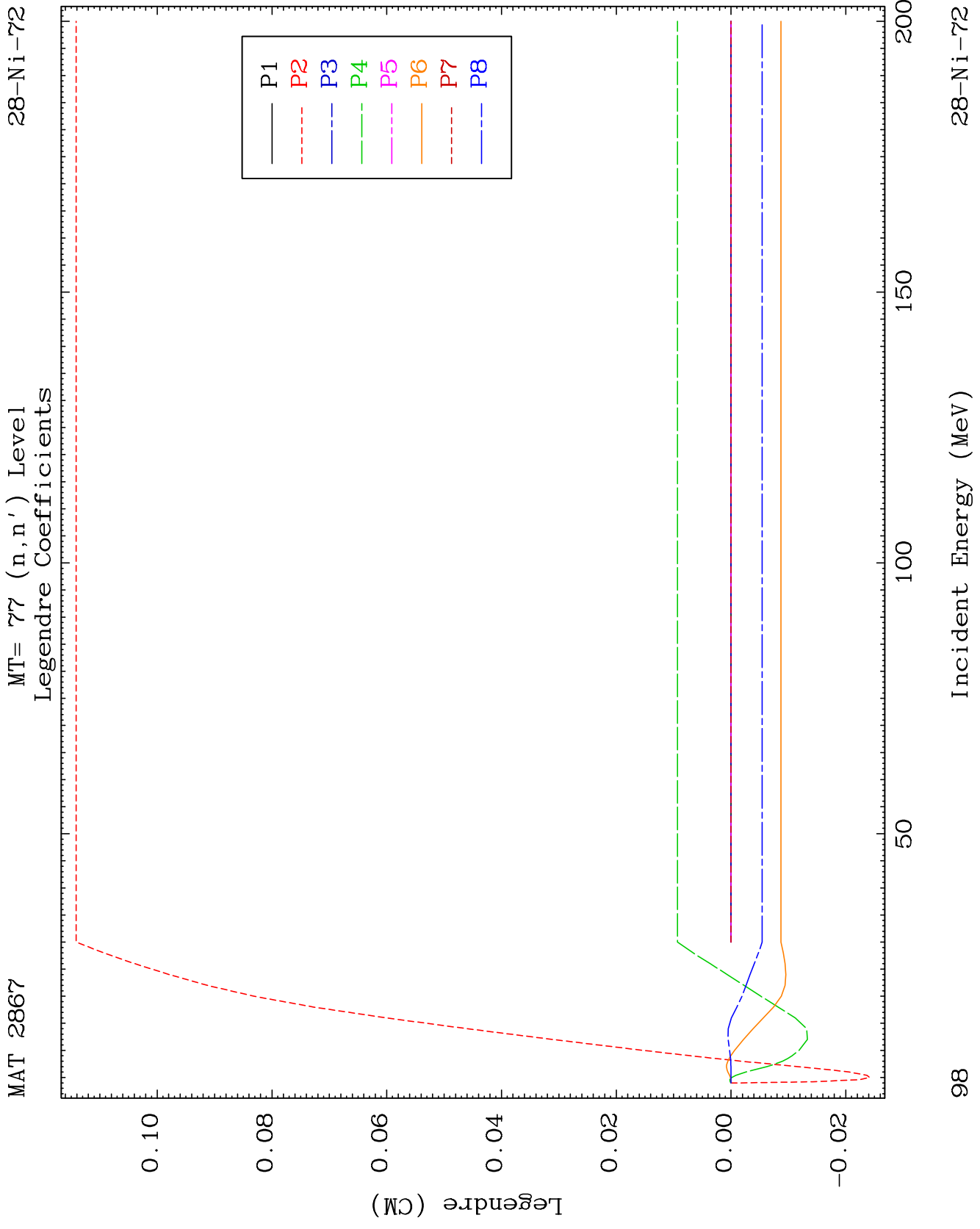
28-Ni-72



96

Incident Energy (MeV)

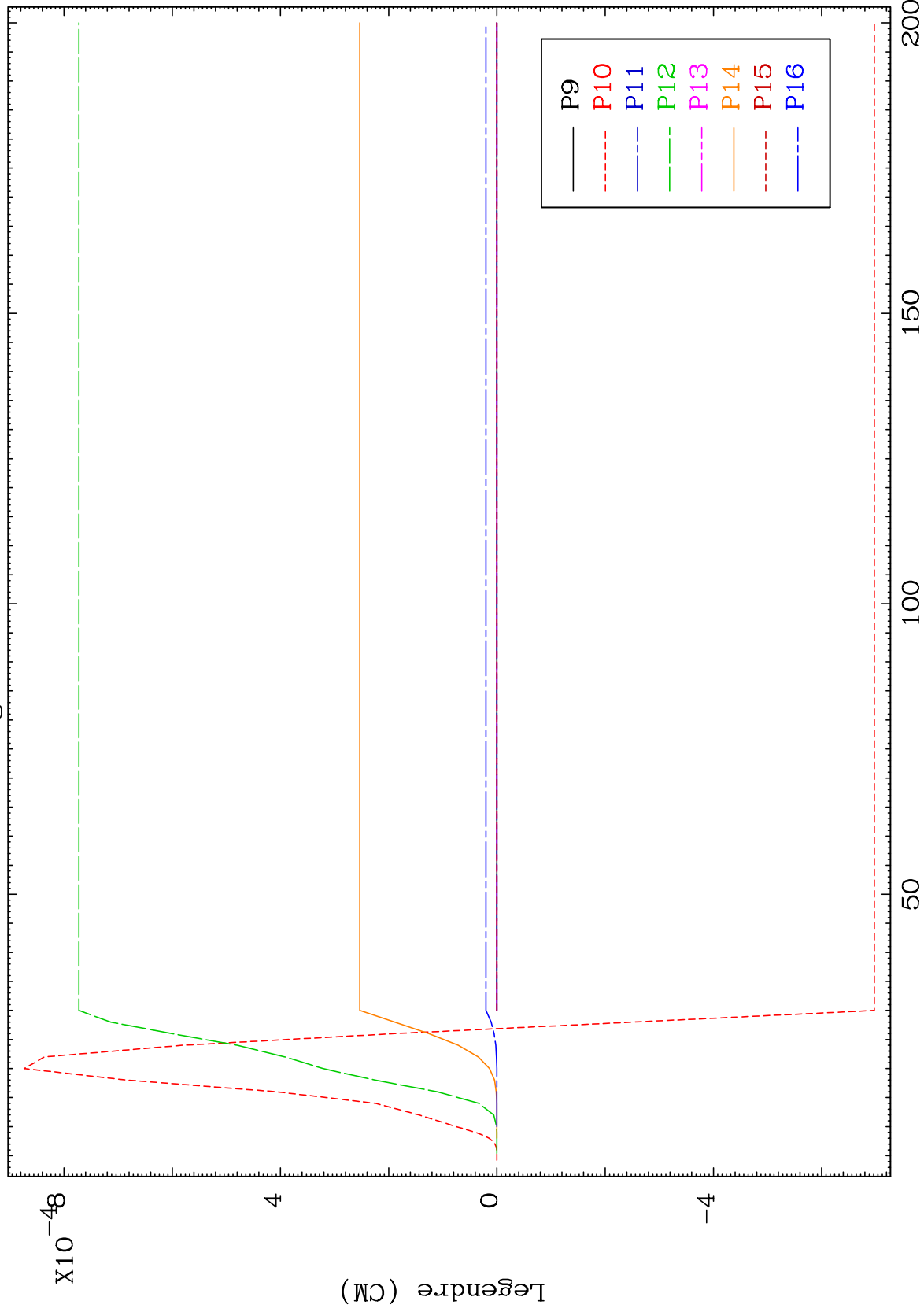
28-Ni-72



MAT 2867

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

28-Ni-72



99

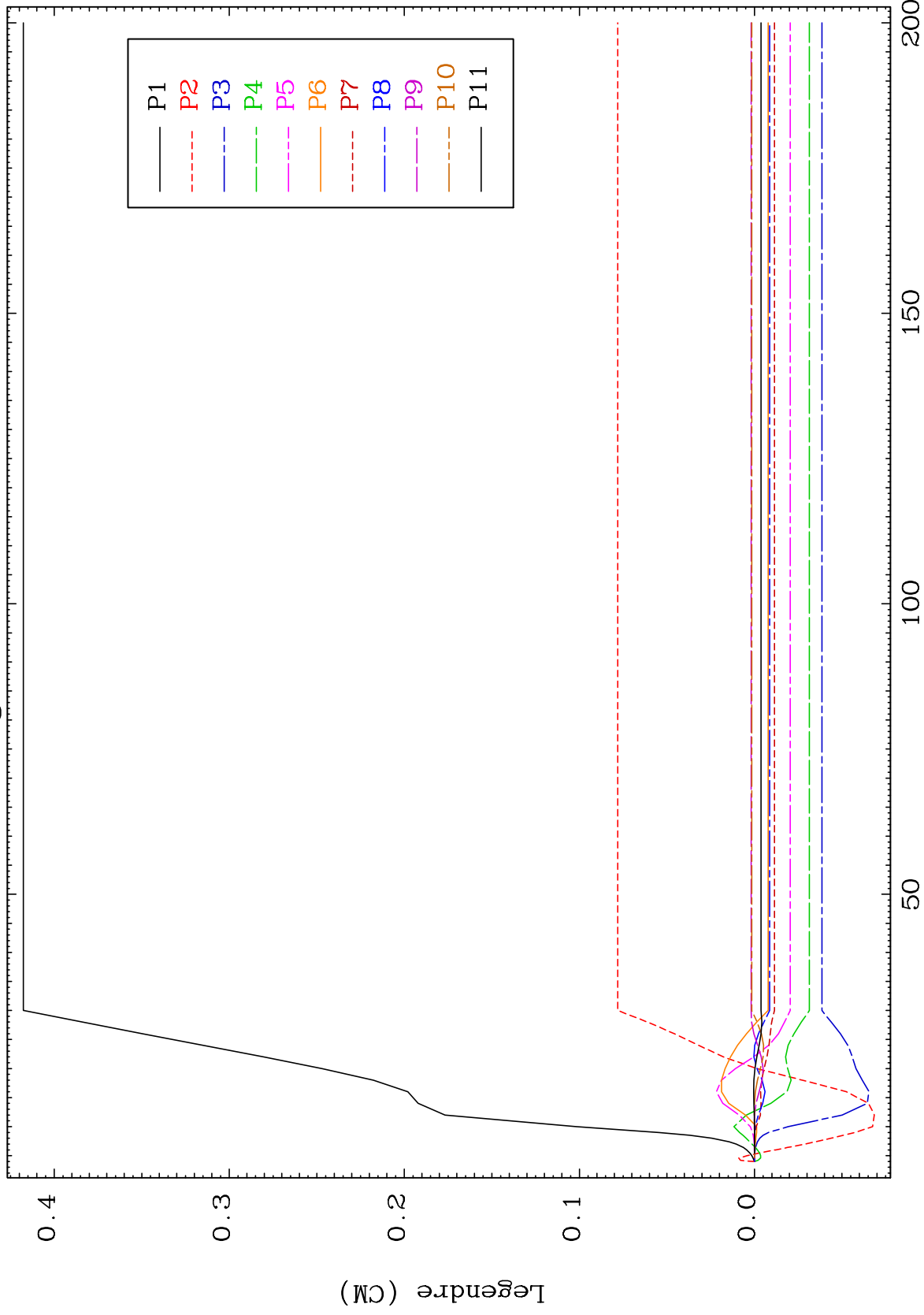
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



101

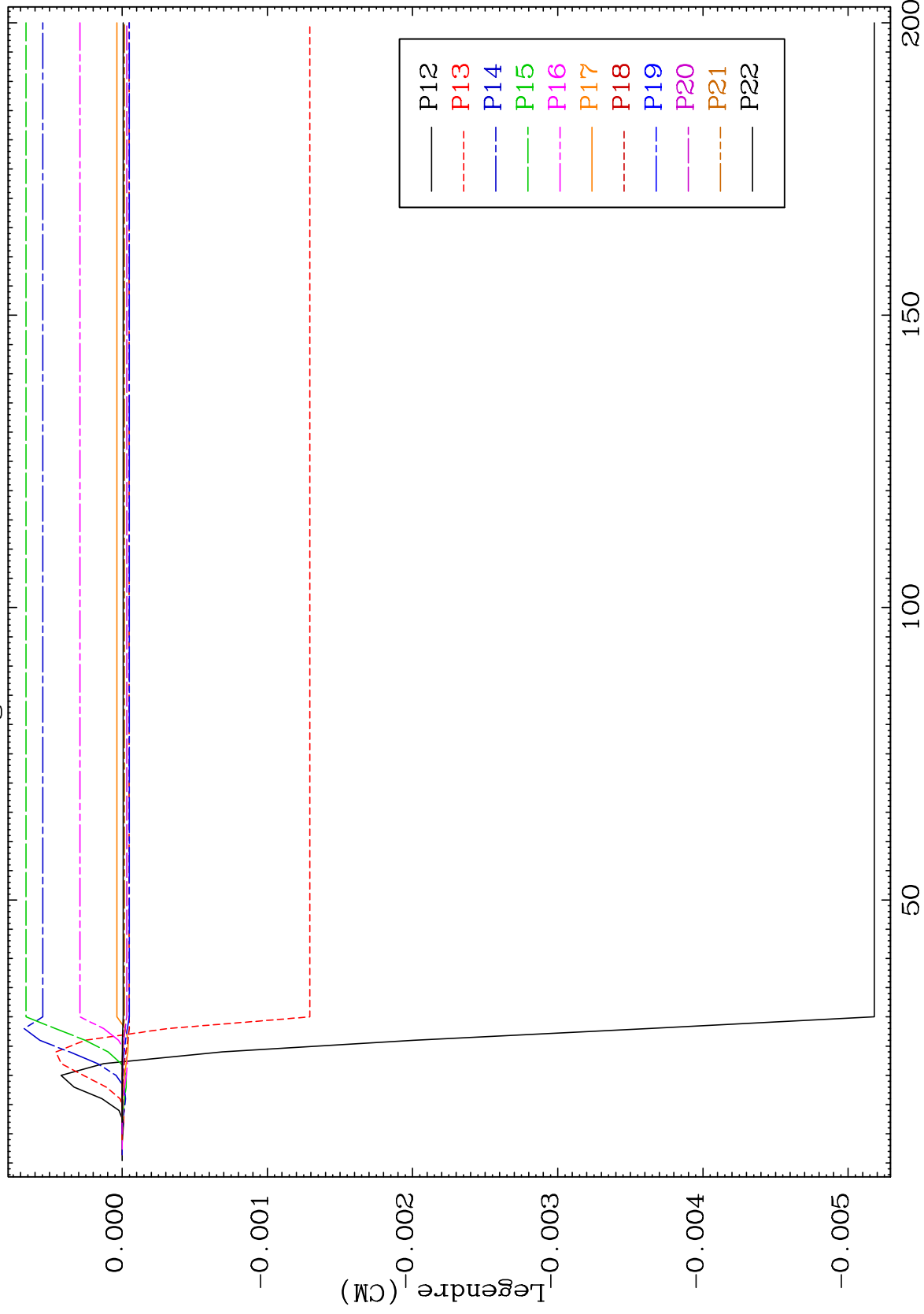
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

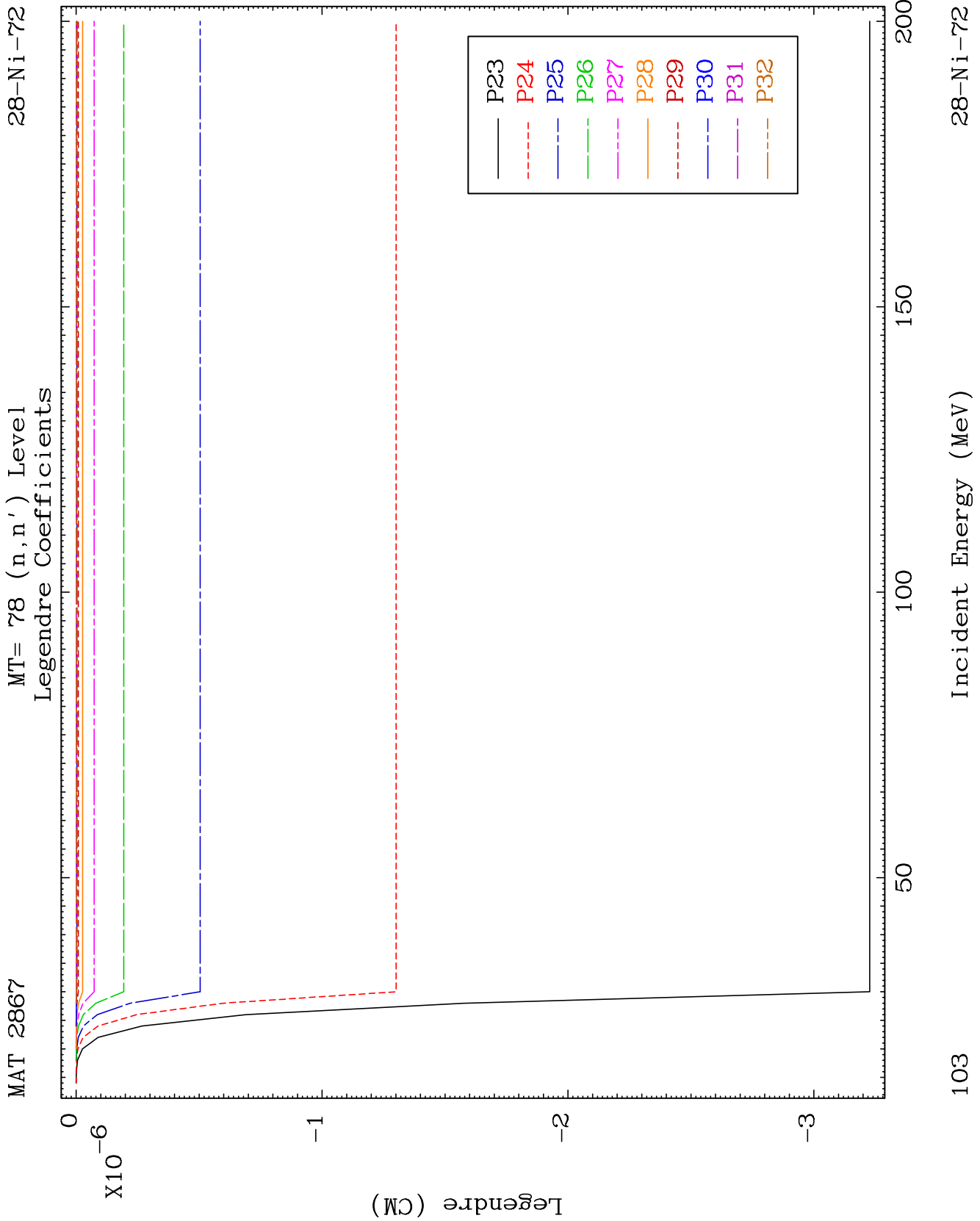
28-Ni-72

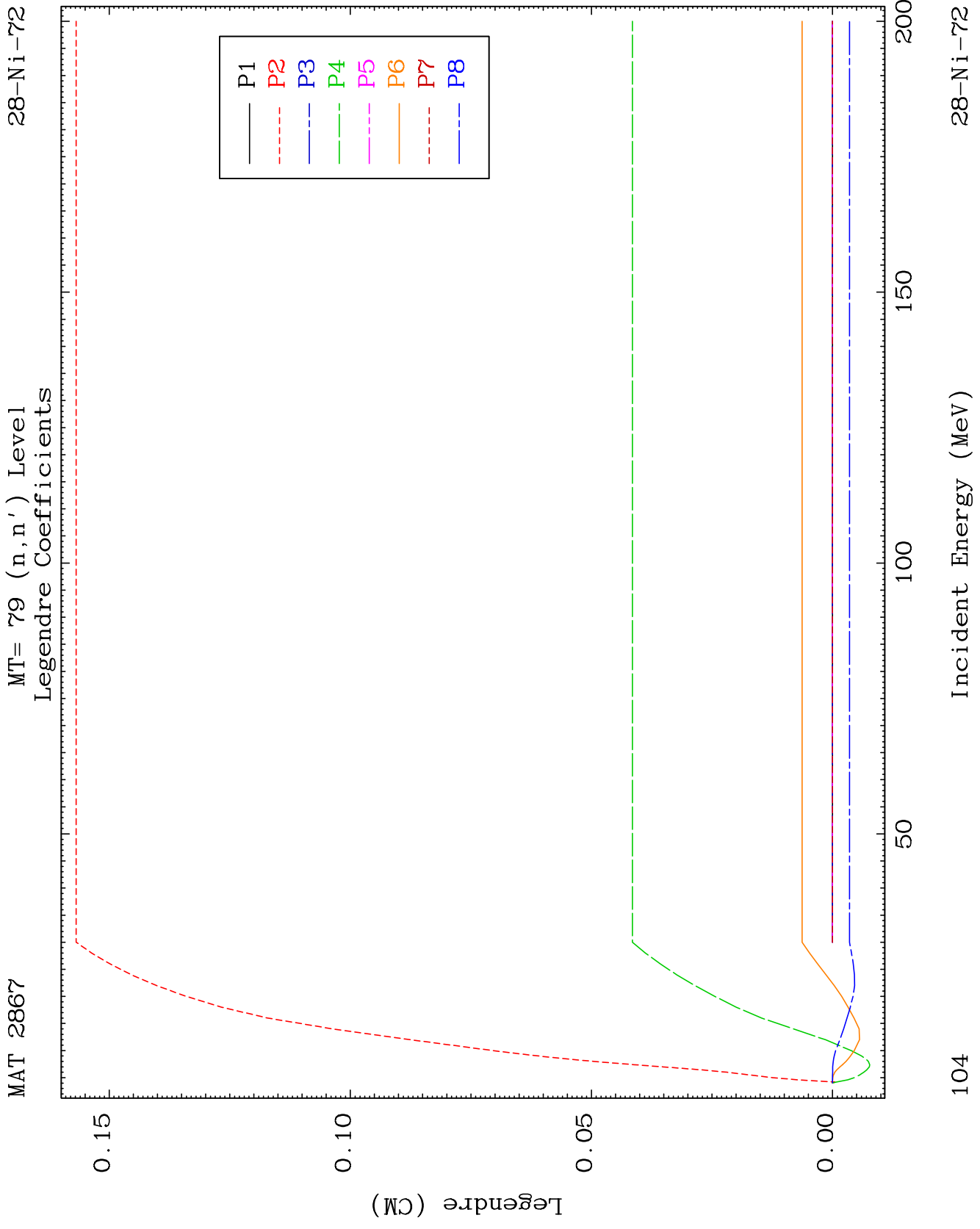


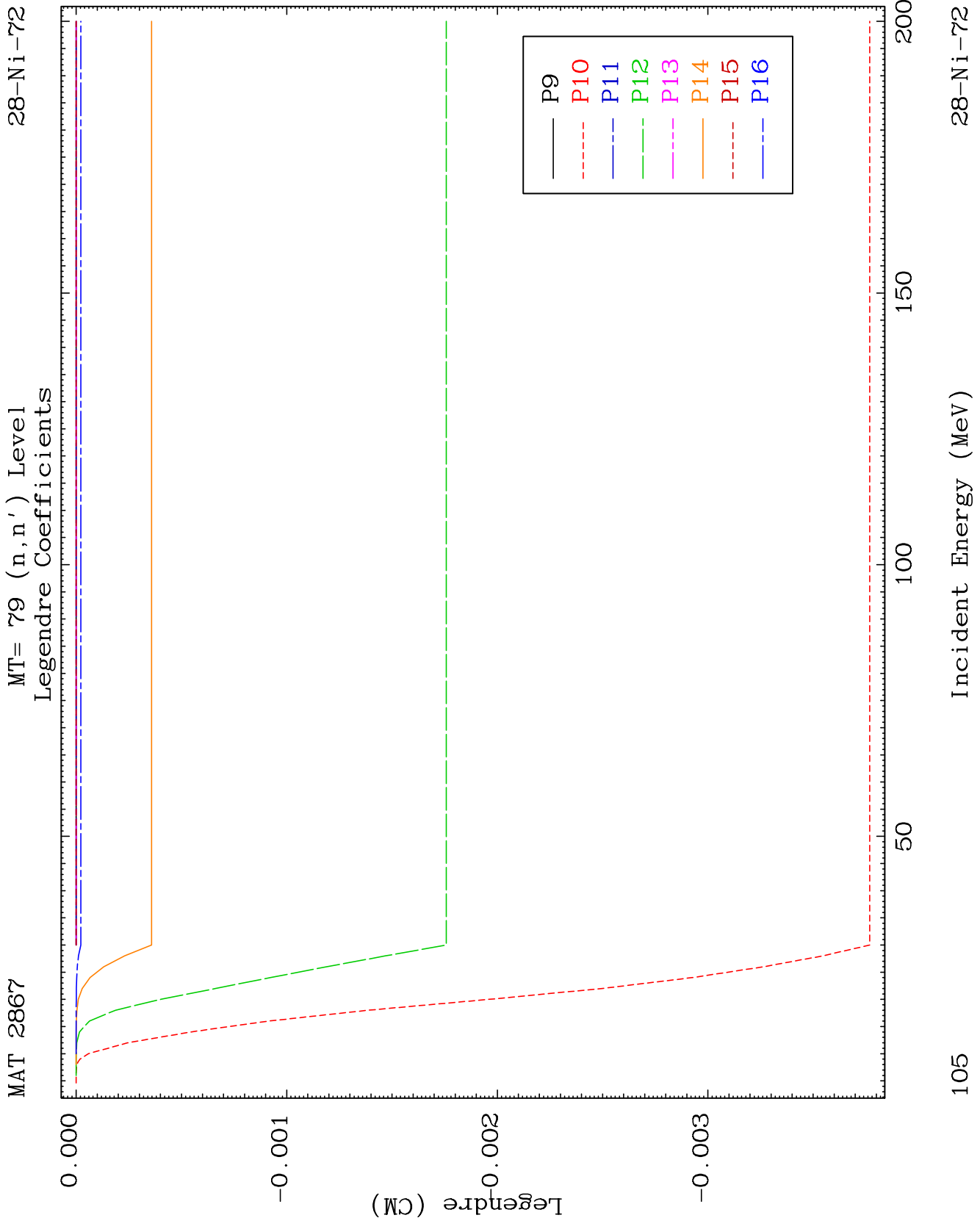
102

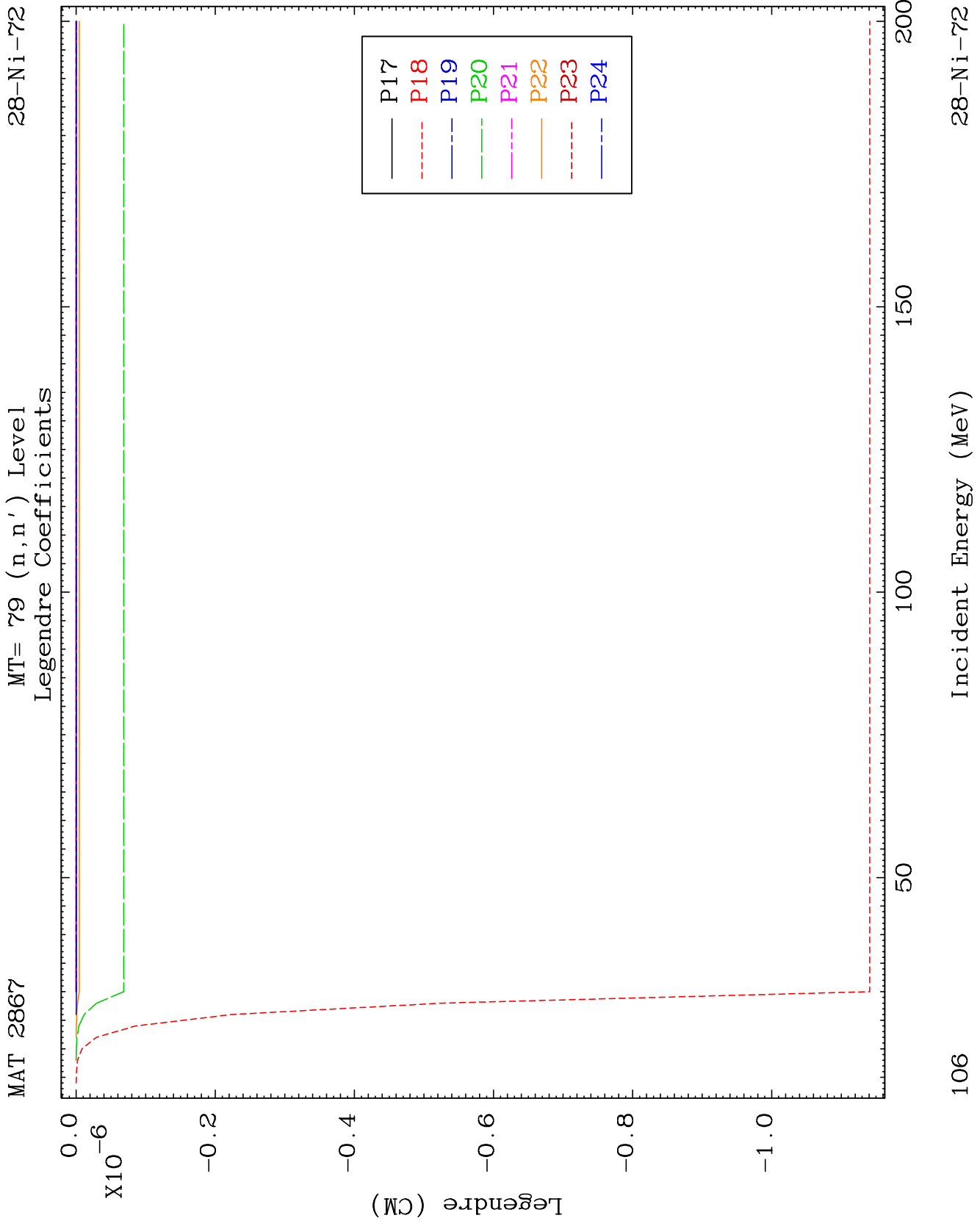
Incident Energy (MeV)

28-Ni-72





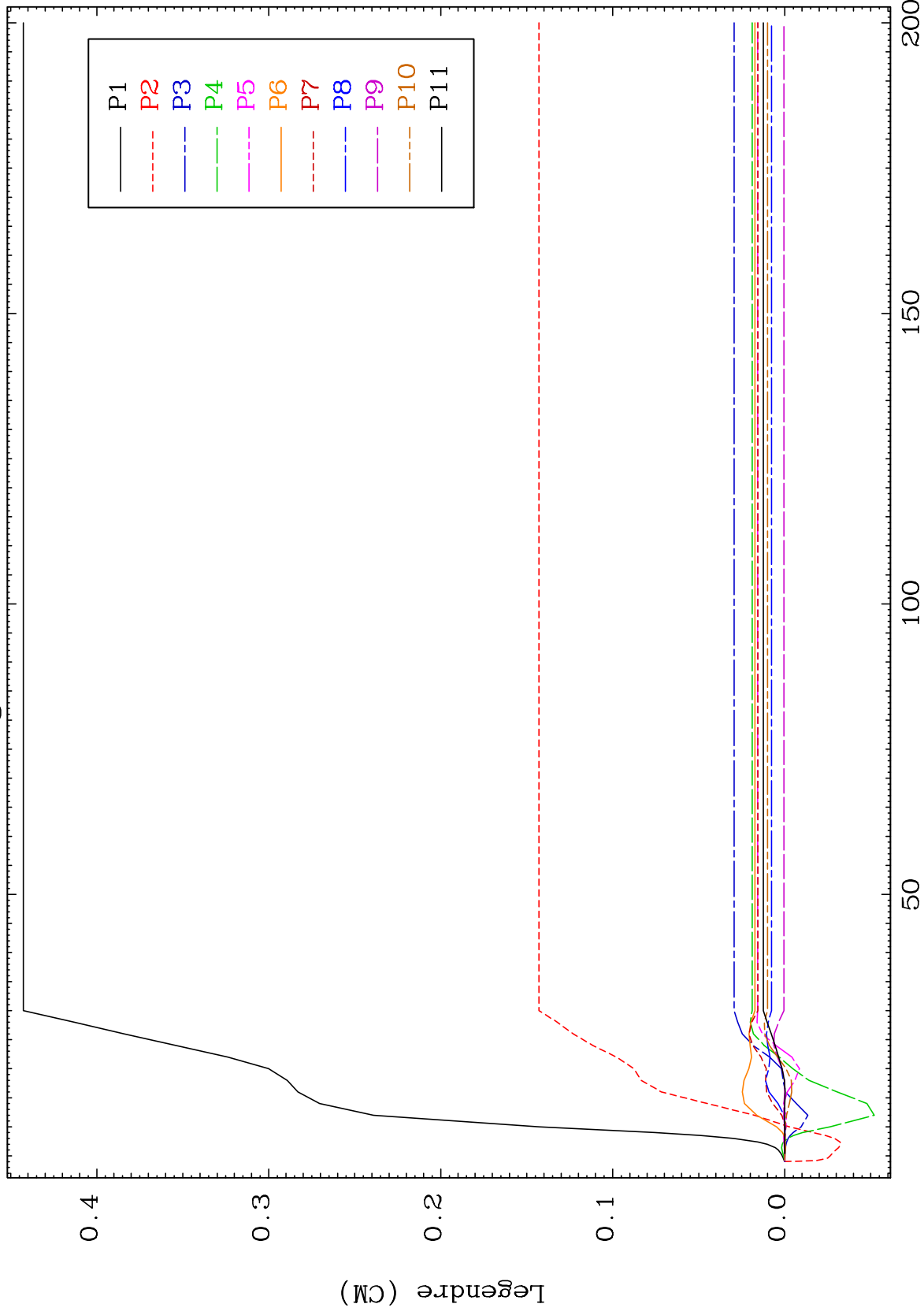




MAT 2867

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

28-Ni-72



107

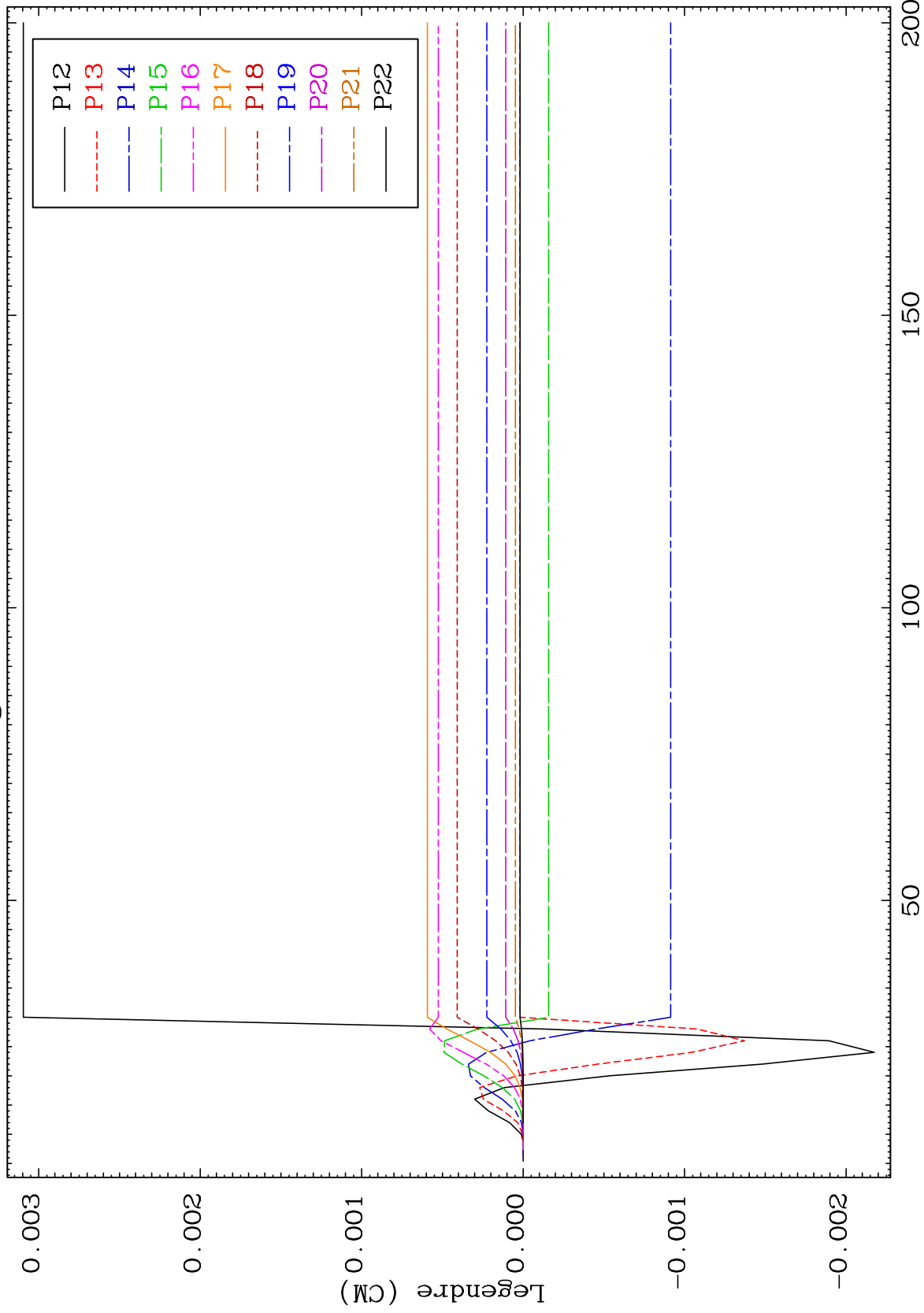
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



108

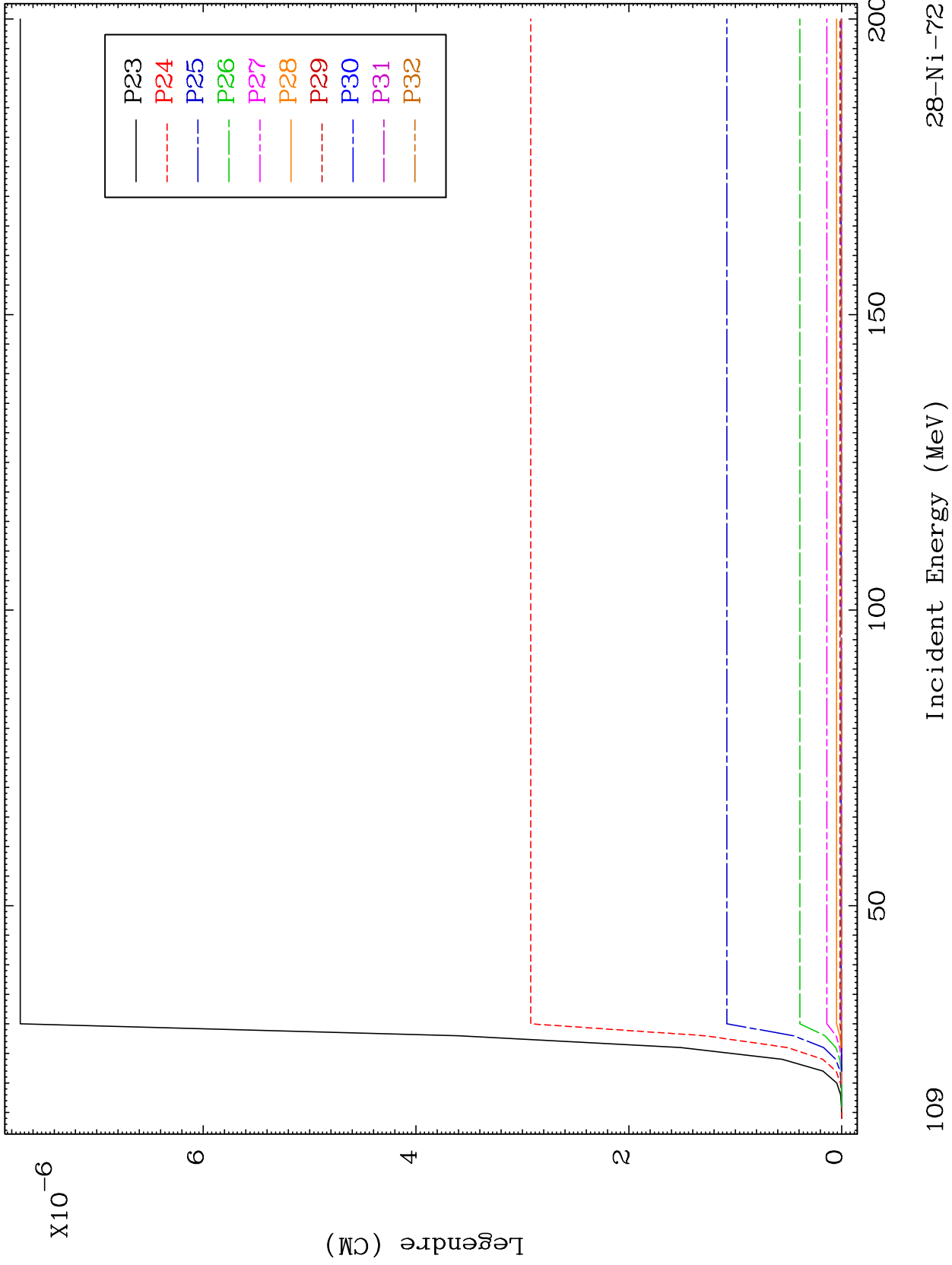
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



109

Incident Energy (MeV)

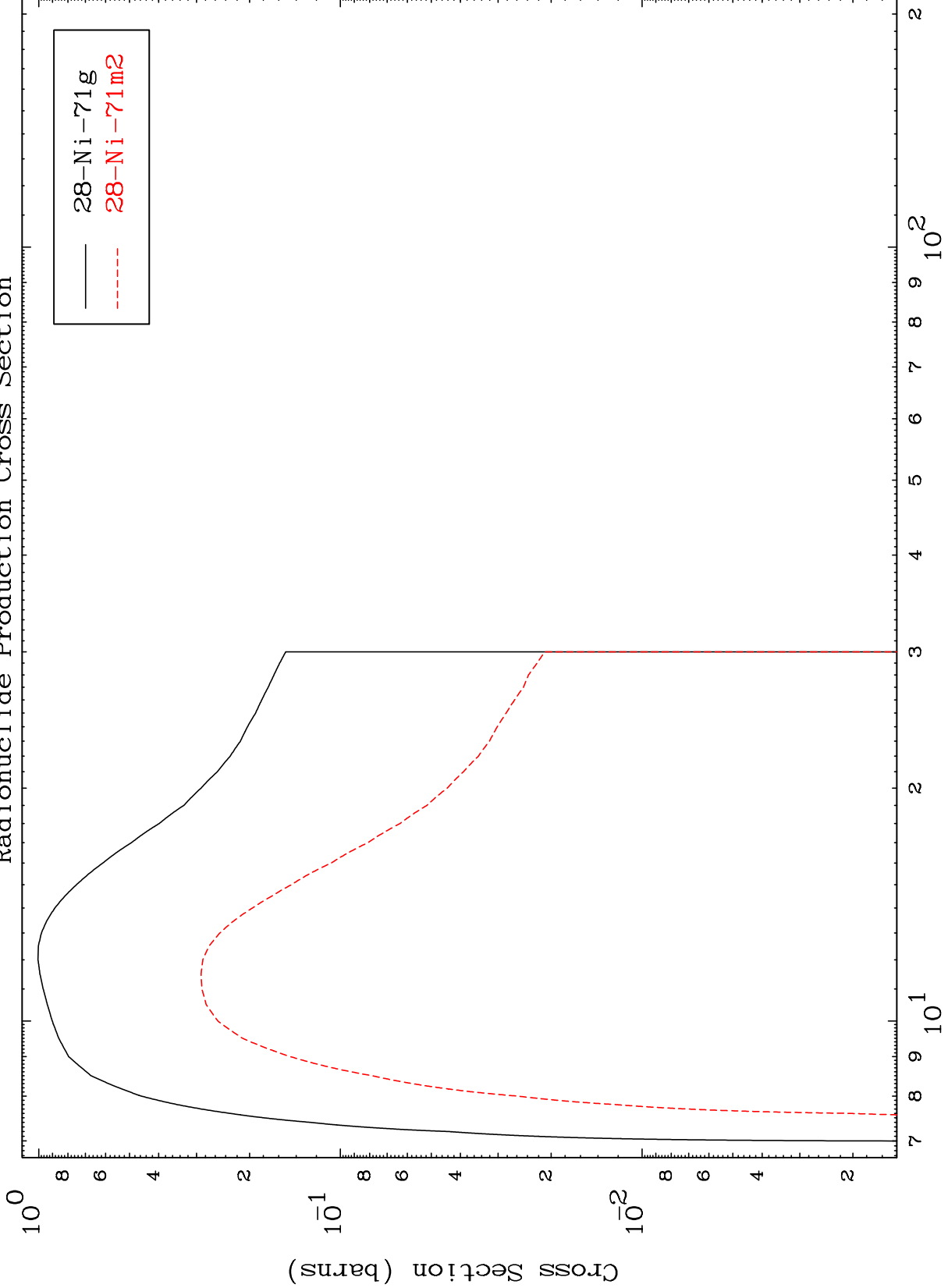
28-Ni-72

MAT 2867

(n,2n)

28-Ni-72

Radionuclide Production Cross Section



28-Ni-71g
28-Ni-71m2

110

Incident Energy (MeV)

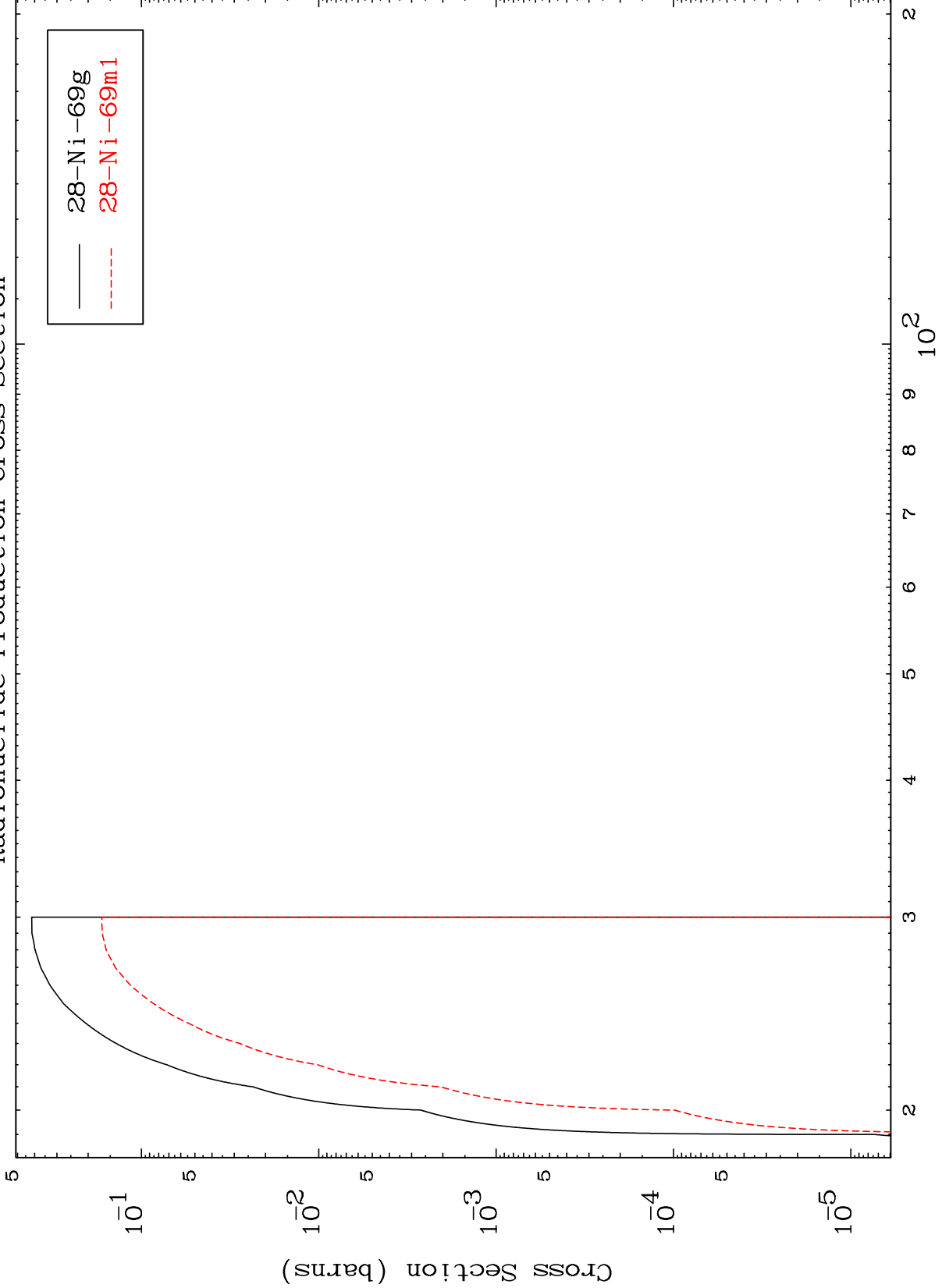
28-Ni-72

MAT 2867

(n,4n)

28-Ni-72

Radionuclide Production Cross Section



28-Ni-69g
28-Ni-69m1

111

Incident Energy (MeV)

28-Ni-72