

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

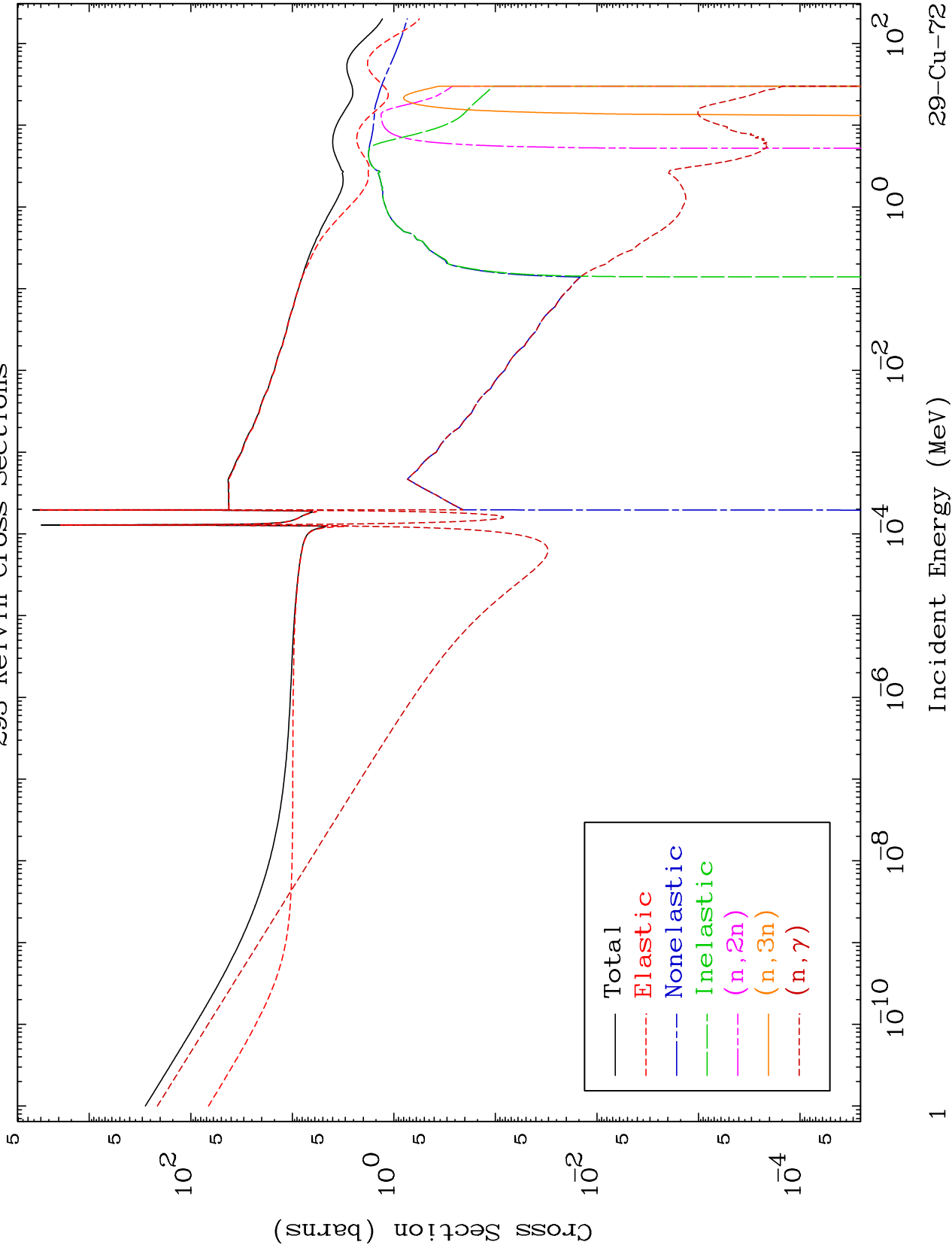
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Press Mouse Button to Start

MAT 2952

Neutron Major
293 Kelvin Cross Sections

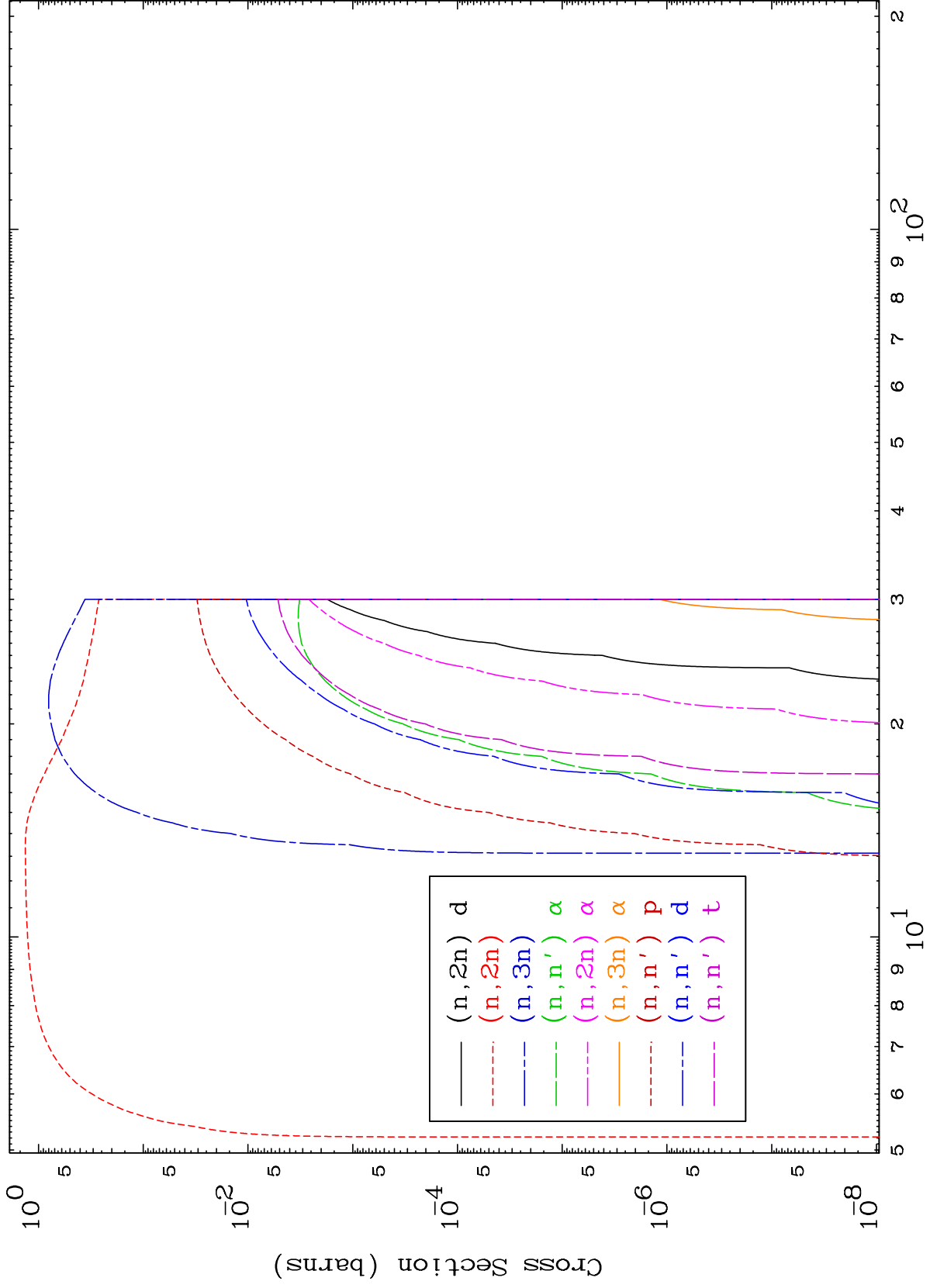
29-Cu-72



MAT 2952

Neutron Absorption
293 Kelvin Cross Sections

29-Cu-72



2

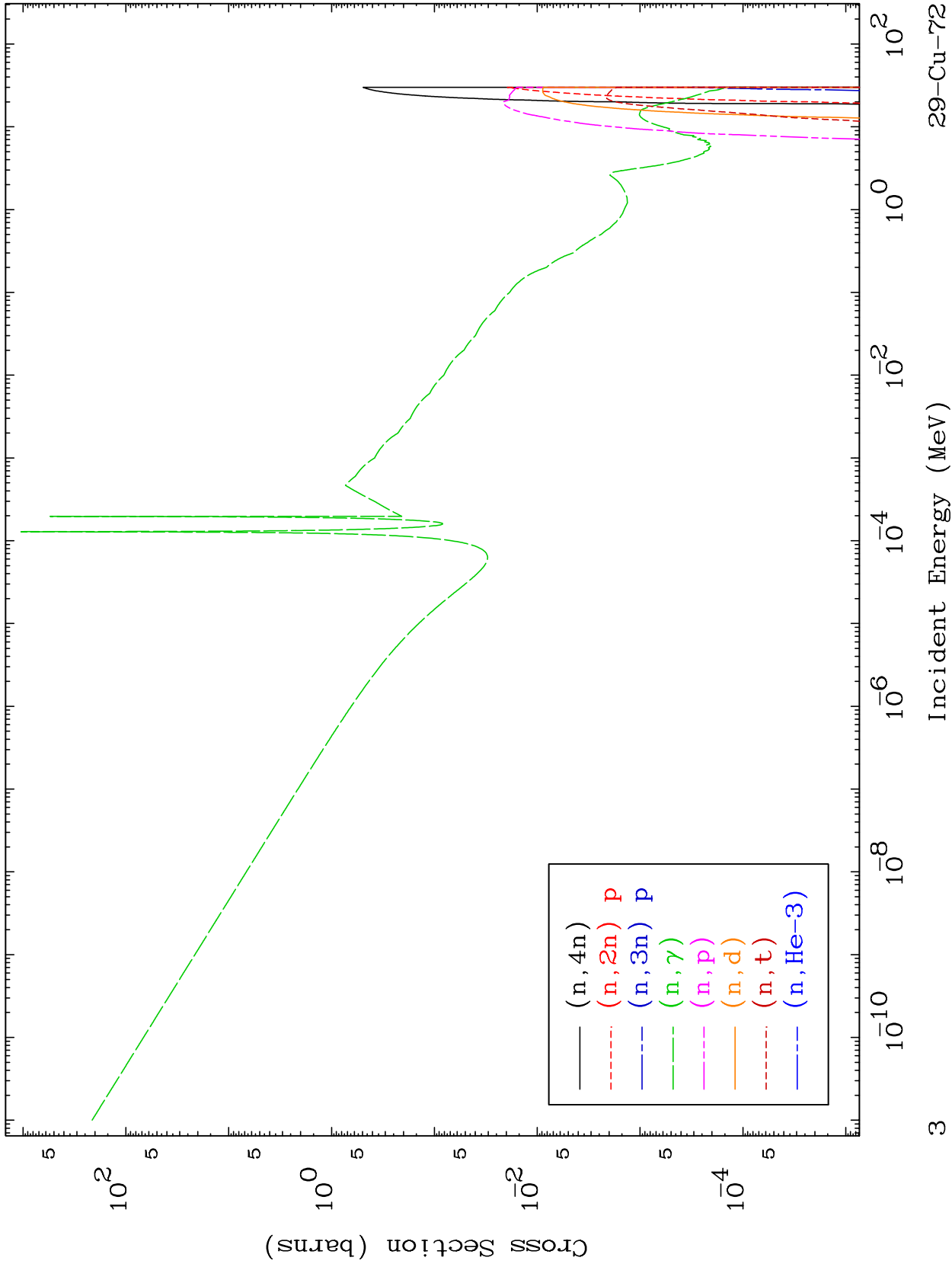
Incident Energy (MeV)

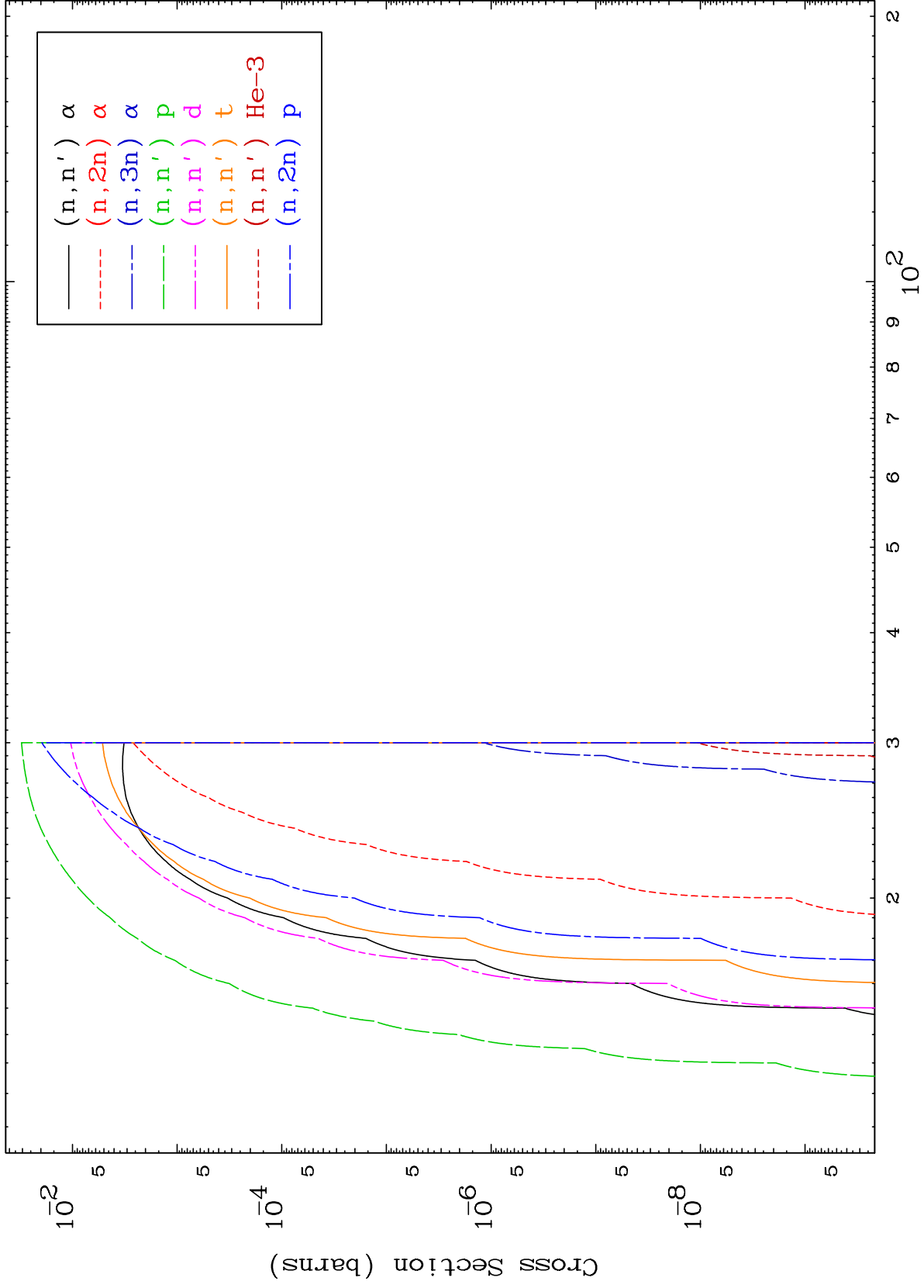
29-Cu-72

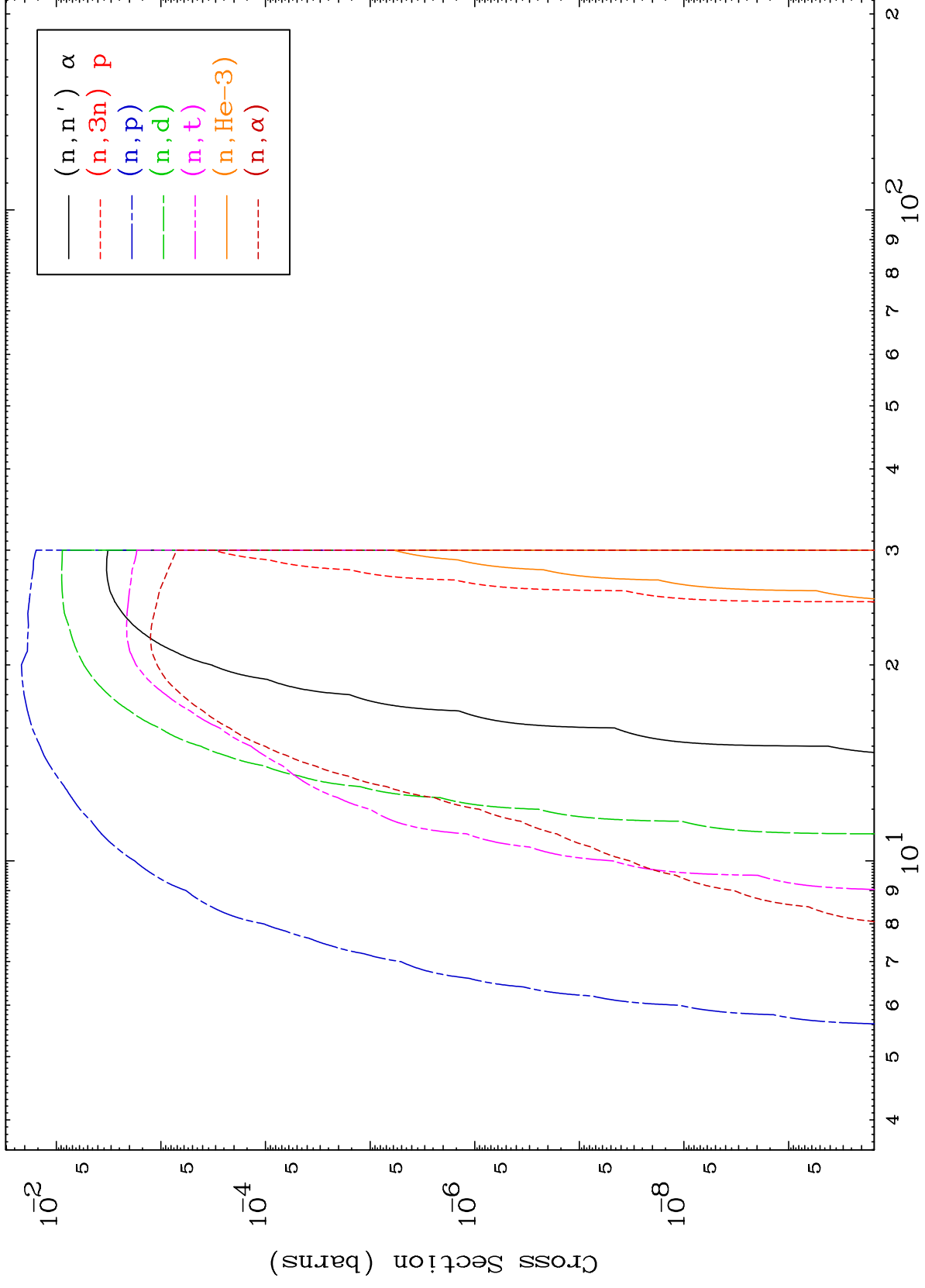
MAT 2952

Neutron Absorption
293 Kelvin Cross Sections

29-Cu-72





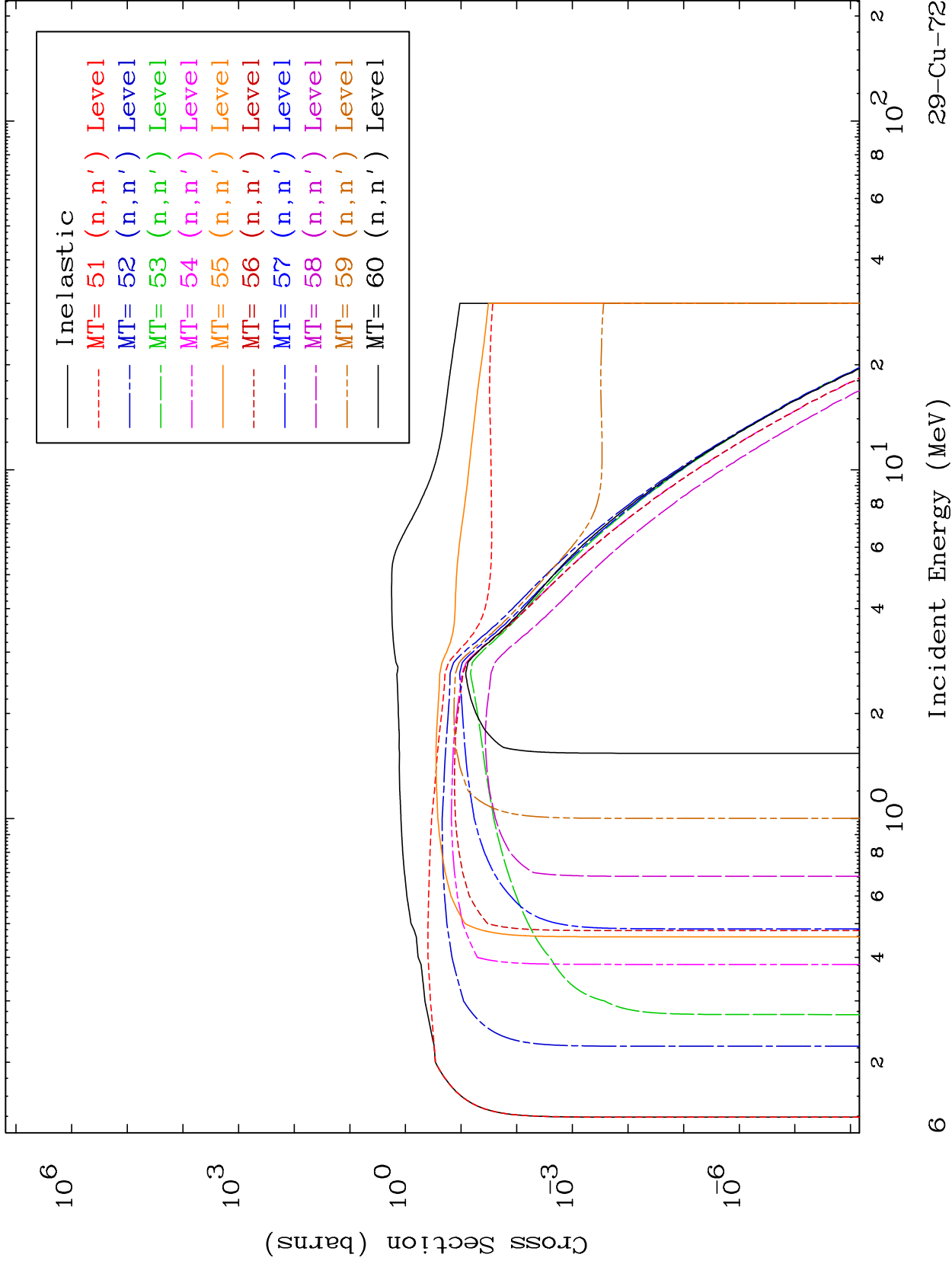


MAT 2952

(n,n') Levels

29-Cu-72

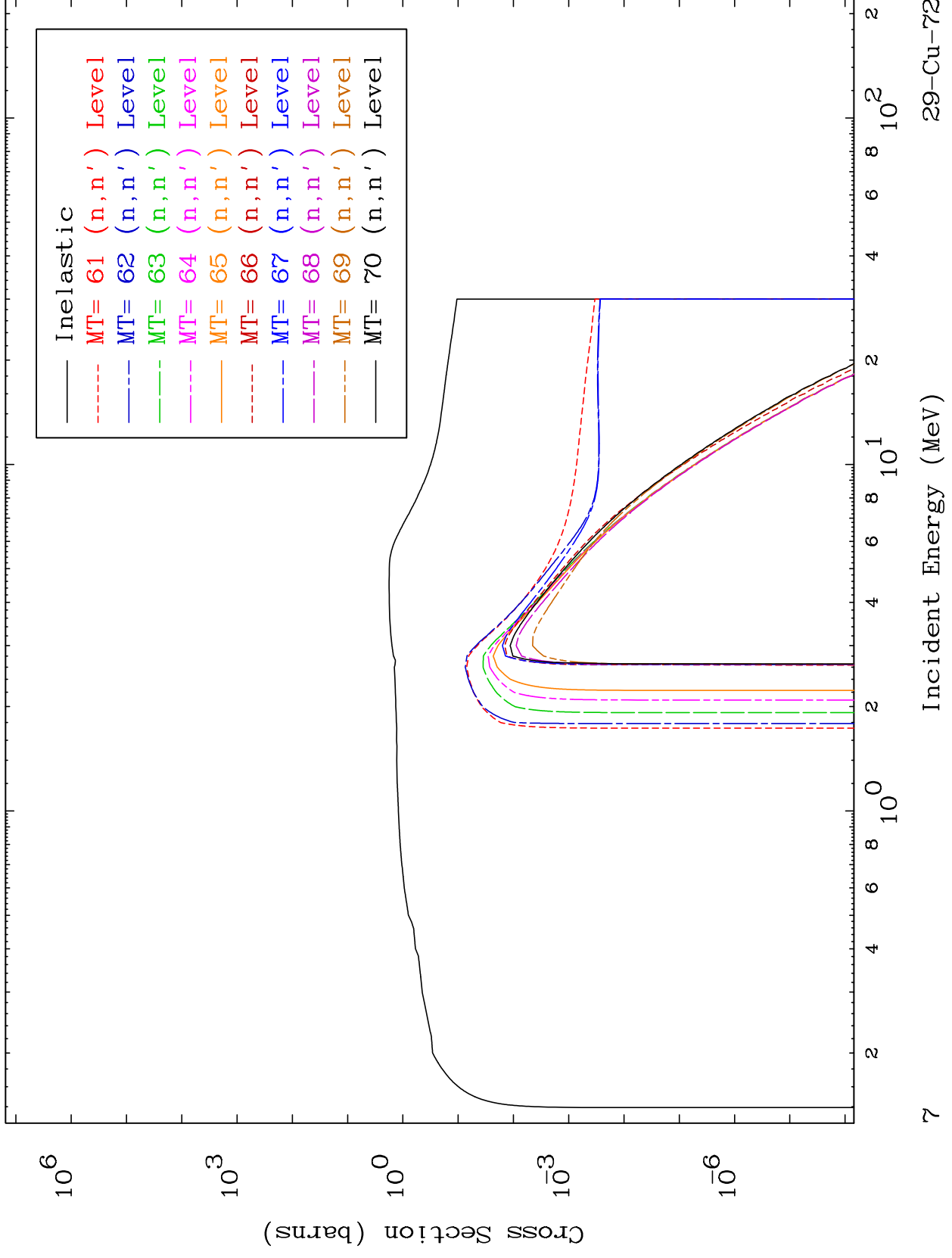
293 Kelvin Cross Sections



MAT 2952

(n,n') Levels
293 Kelvin Cross Sections

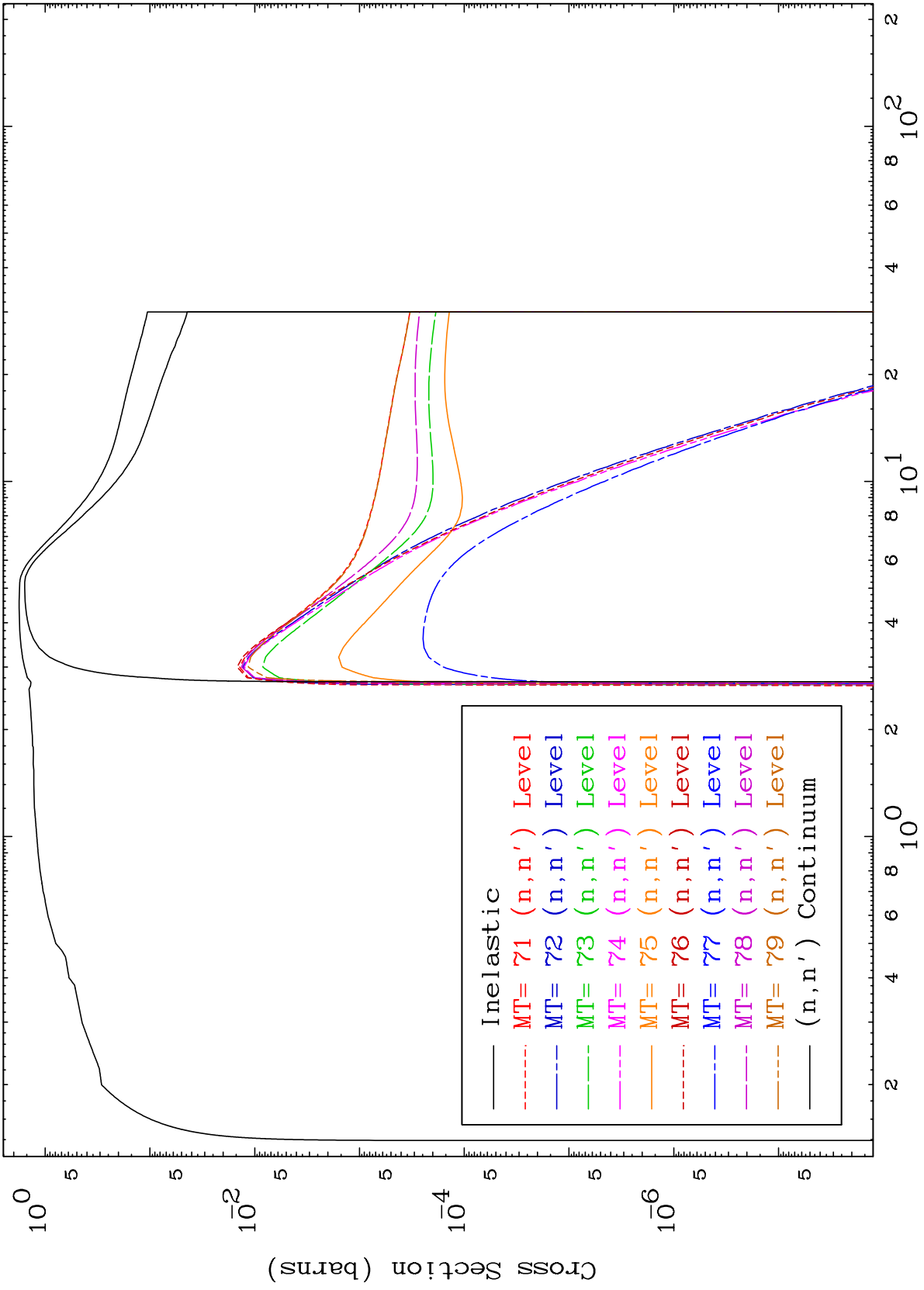
29-Cu-72



MAT 2952

(n,n') Levels
293 Kelvin Cross Sections

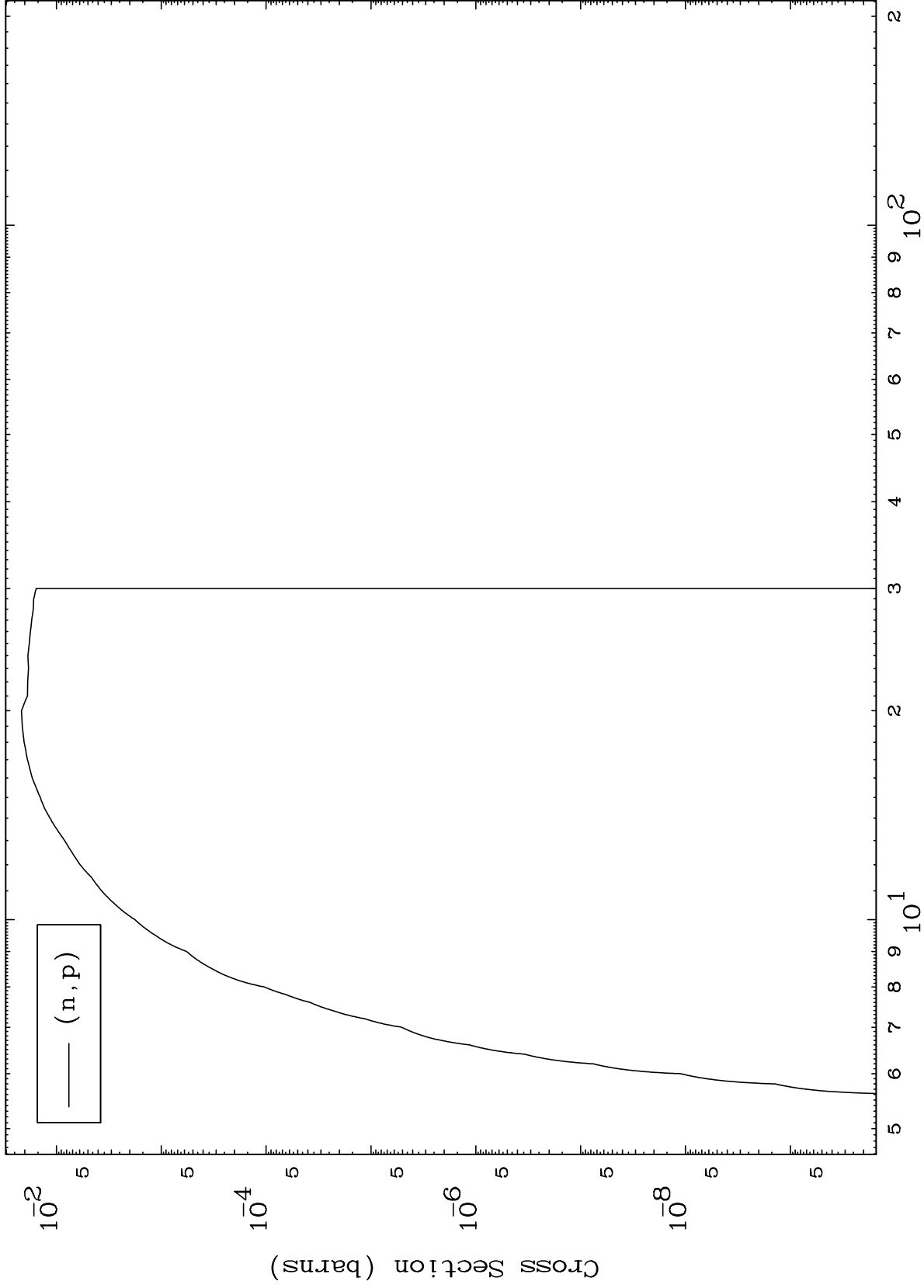
29-Cu-72



MAT 2952

(n,p) Levels
293 Kelvin Cross Sections

29-Cu-72



9

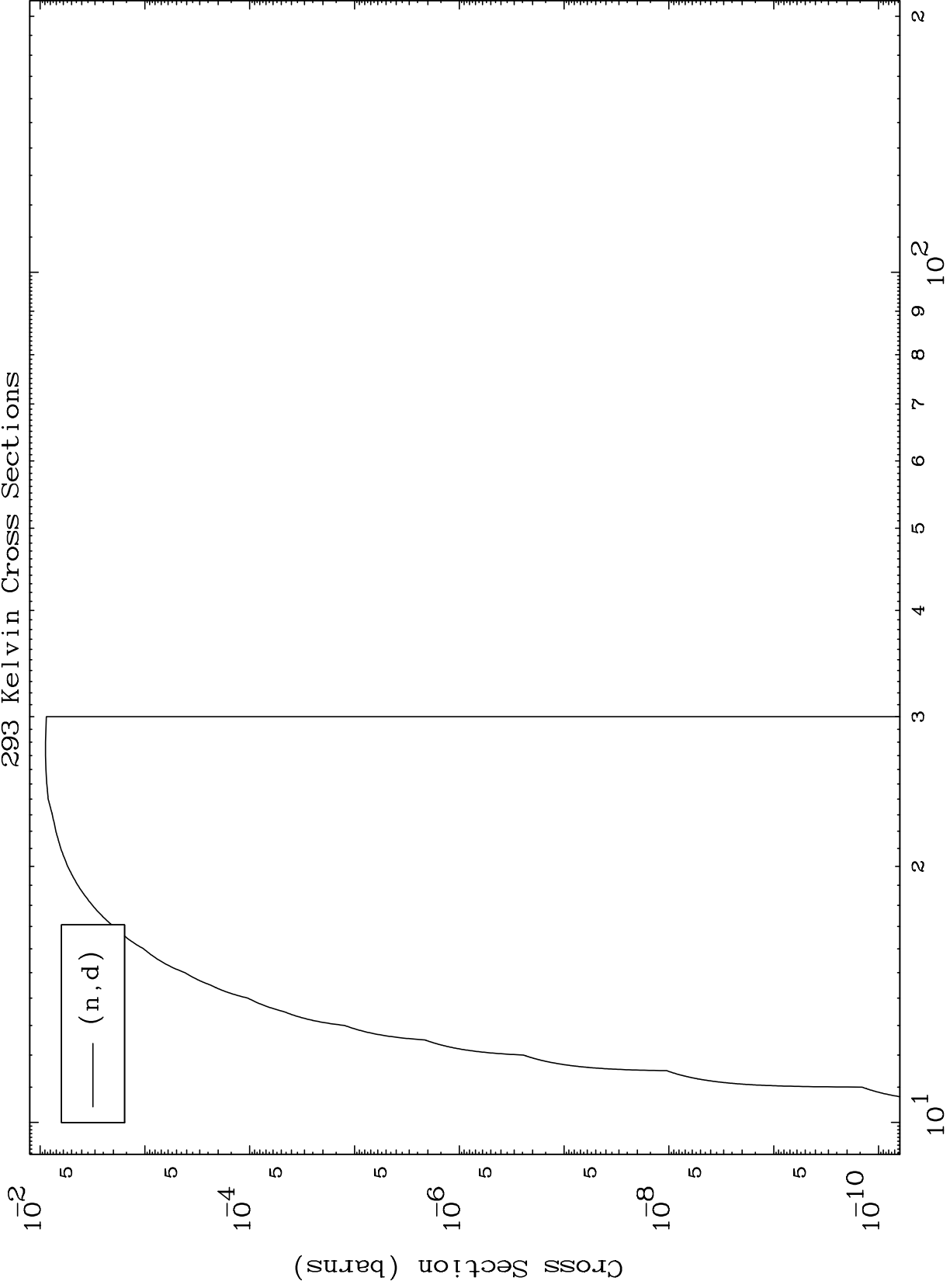
Incident Energy (MeV)

29-Cu-72

MAT 2952

(n,d) Levels
293 Kelvin Cross Sections

29-Cu-72



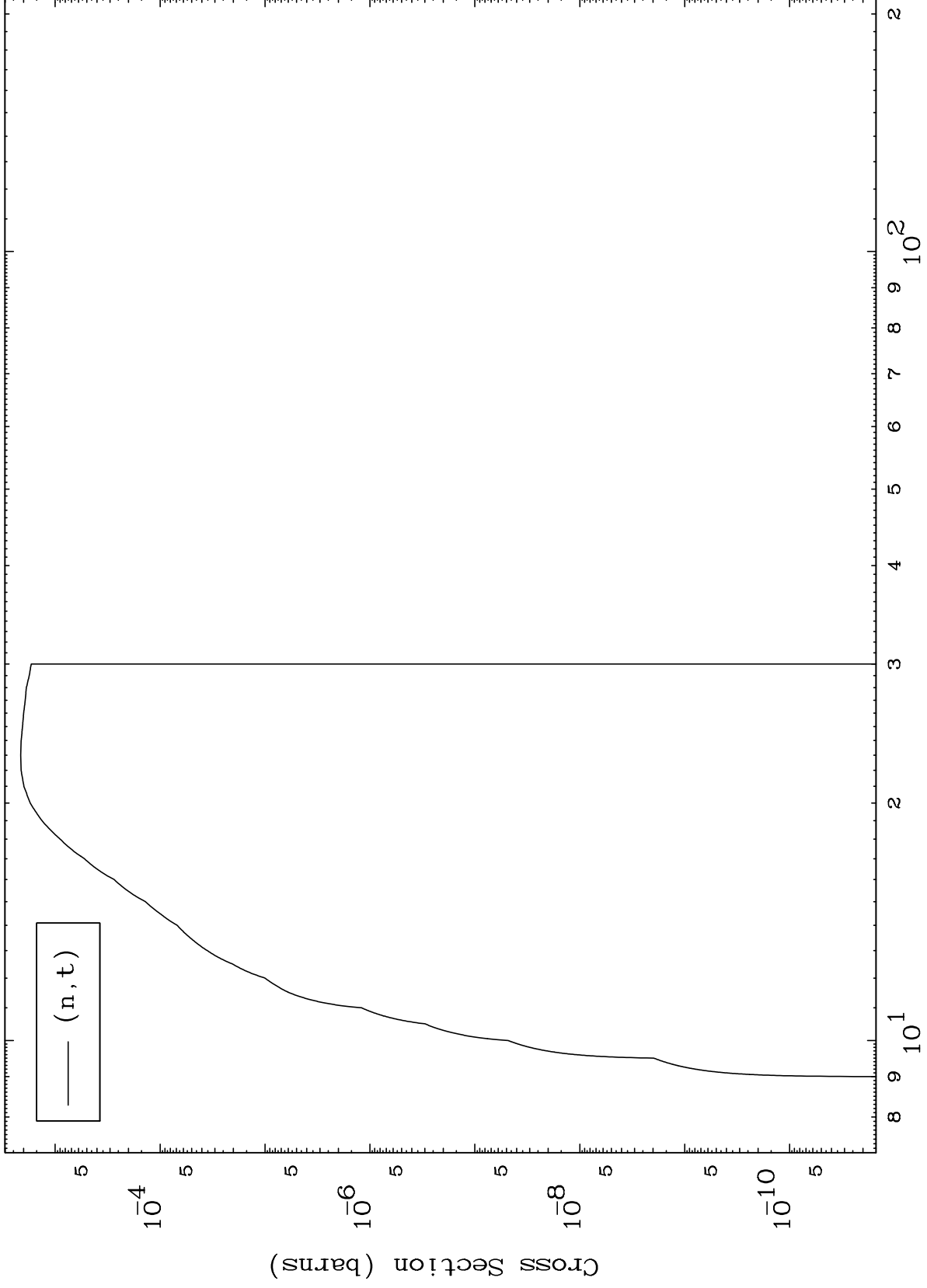
29-Cu-72

Incident Energy (MeV)

MAT 2952

(n,t) Levels
293 Kelvin Cross Sections

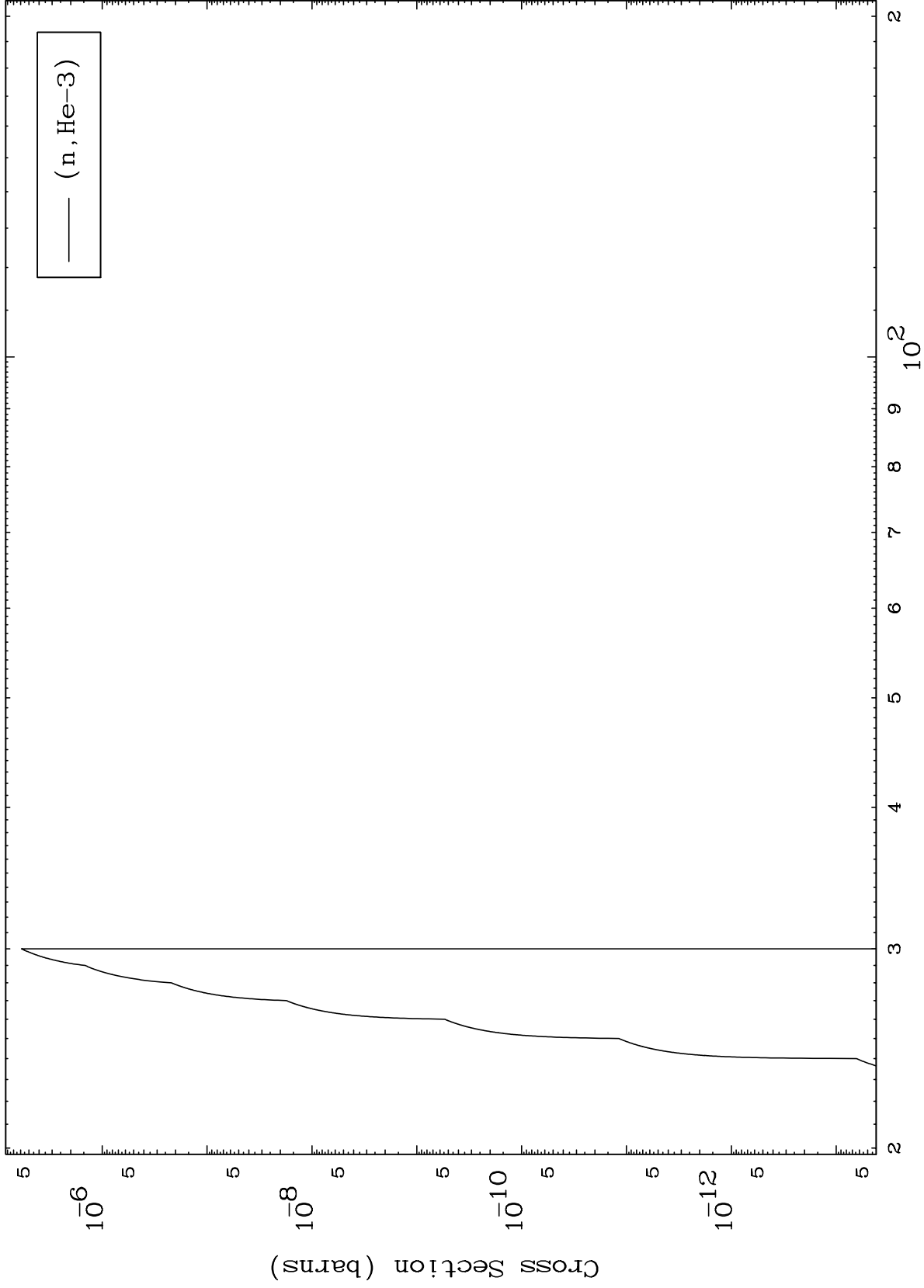
29-Cu-72



MAT 2952

(n,He3) Levels
293 Kelvin Cross Sections

29-Cu-72



12

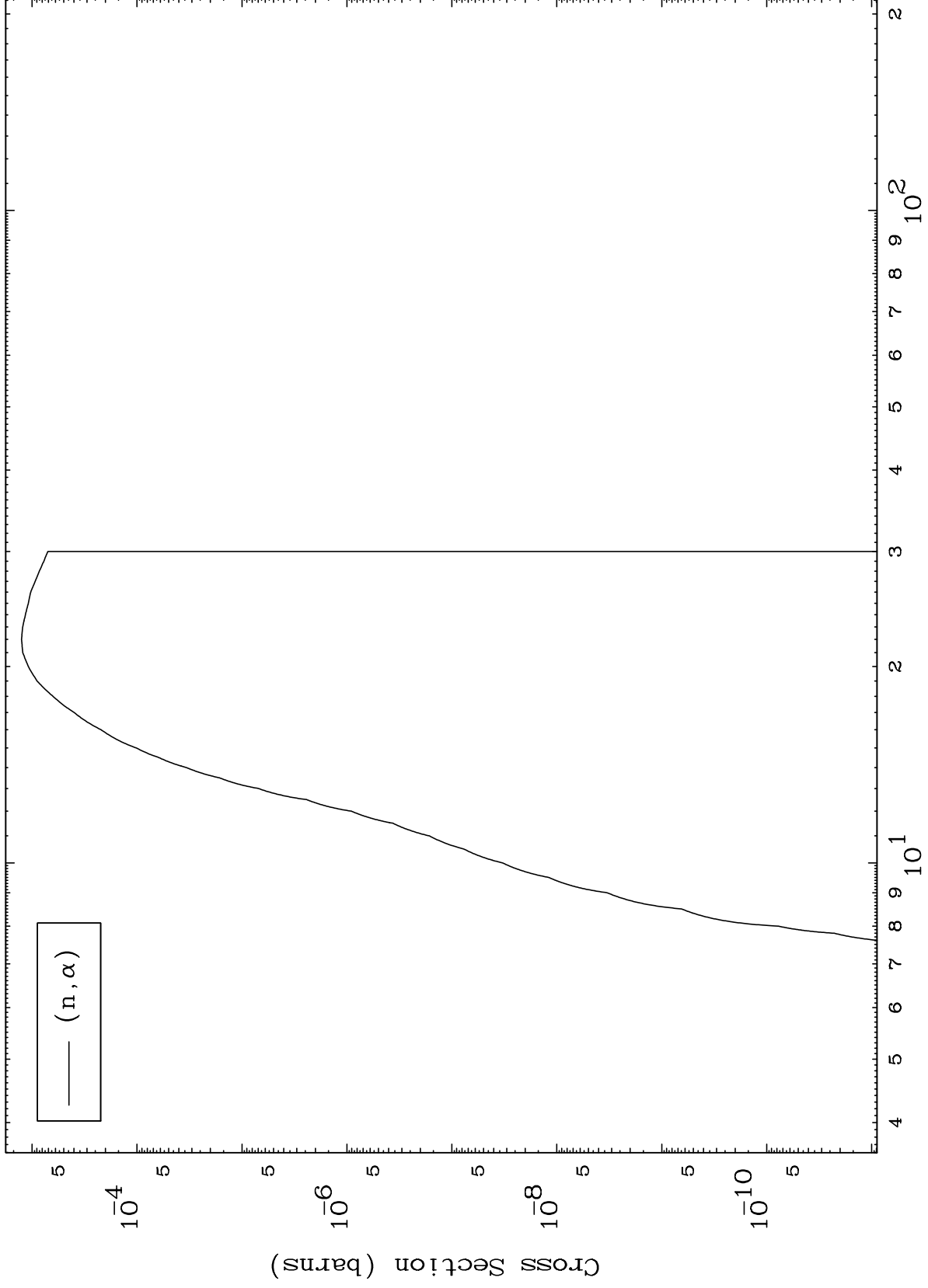
Incident Energy (MeV)

29-Cu-72

MAT 2952

(n, α) Levels
293 Kelvin Cross Sections

29-Cu-72



13

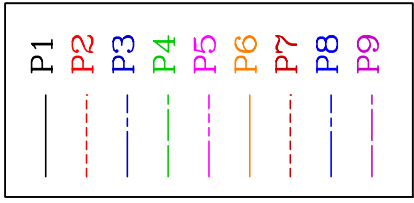
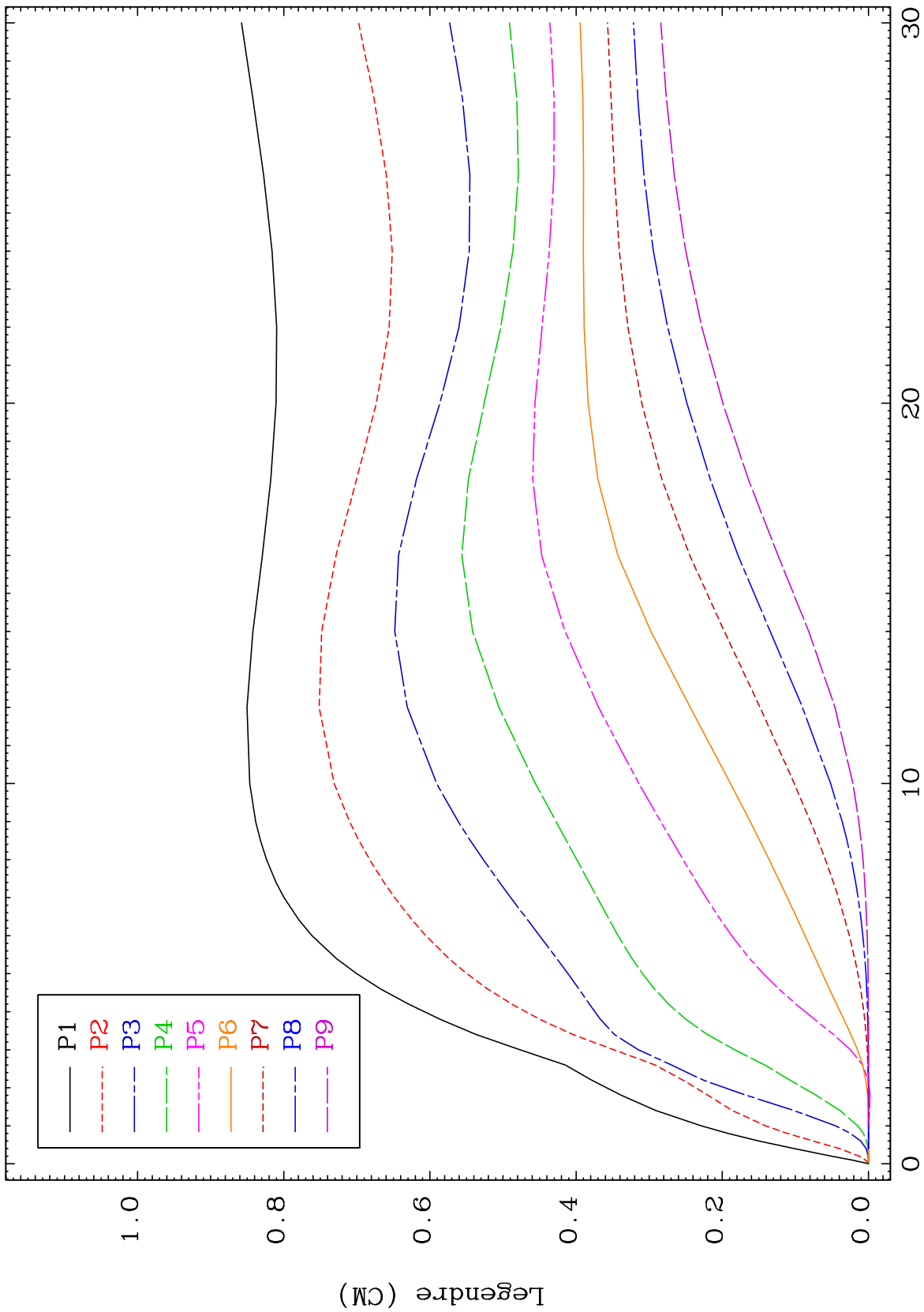
Incident Energy (MeV)

29-Cu-72

MAT 2952

Elastic Legendre Coefficients

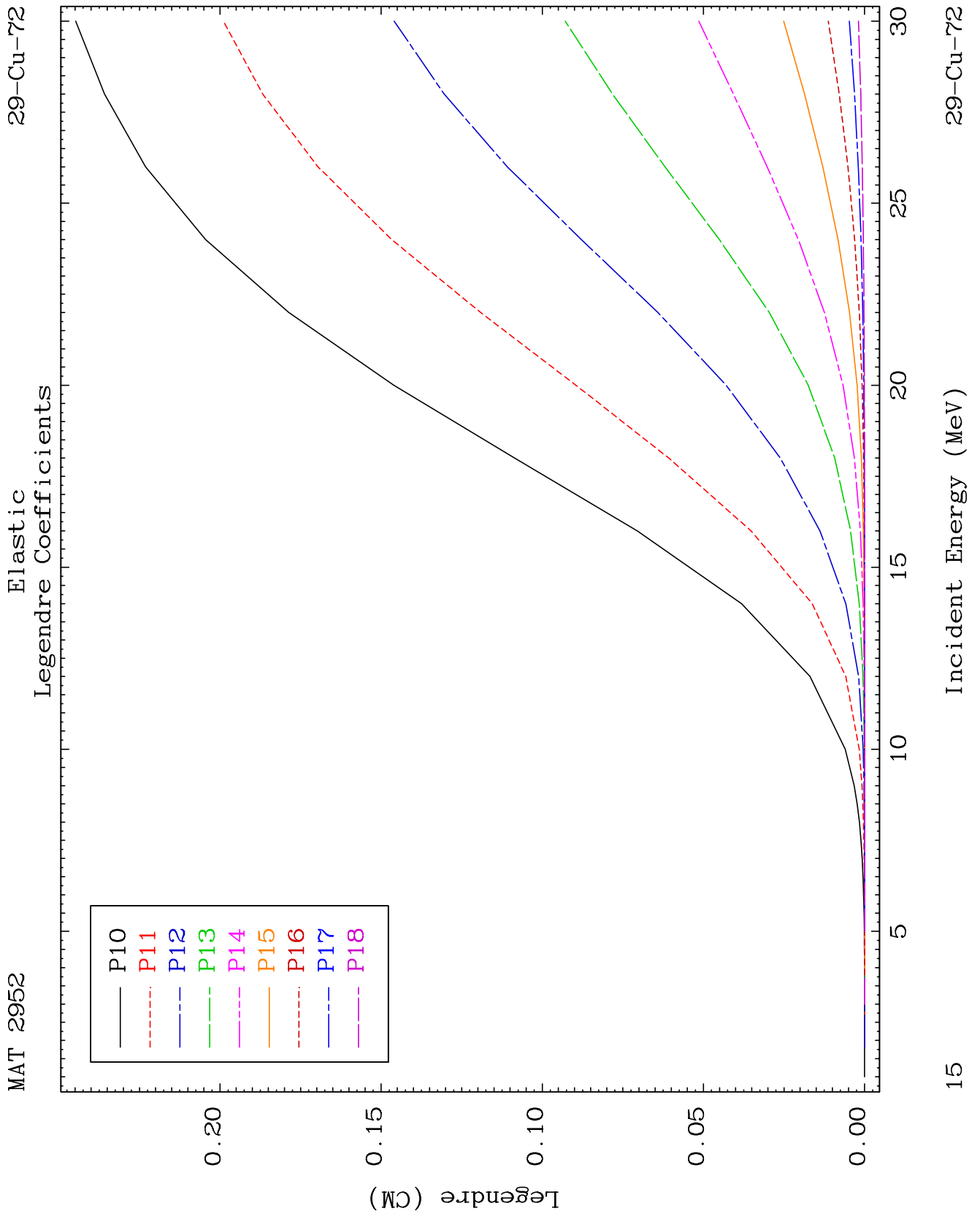
29-Cu-72



14

Incident Energy (MeV)

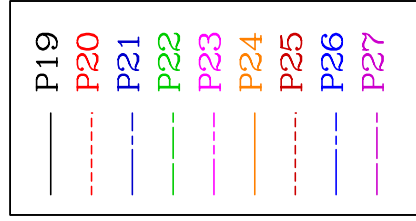
29-Cu-72



MAT 2952

Elastic
Legendre Coefficients

29-Cu-72



$\times 10^{-4}$

Legendre (CM)

6

4

2

0

10

15

20

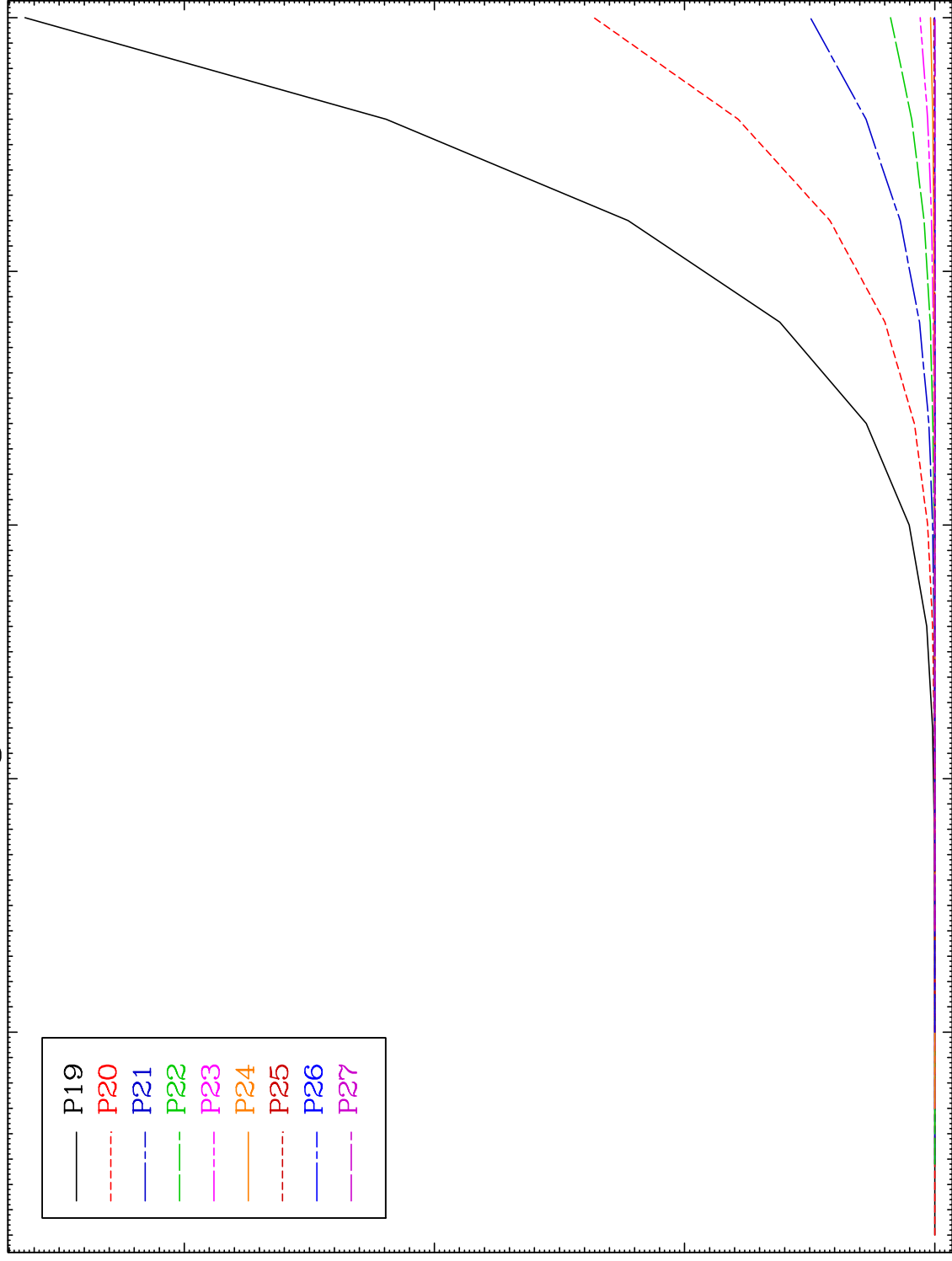
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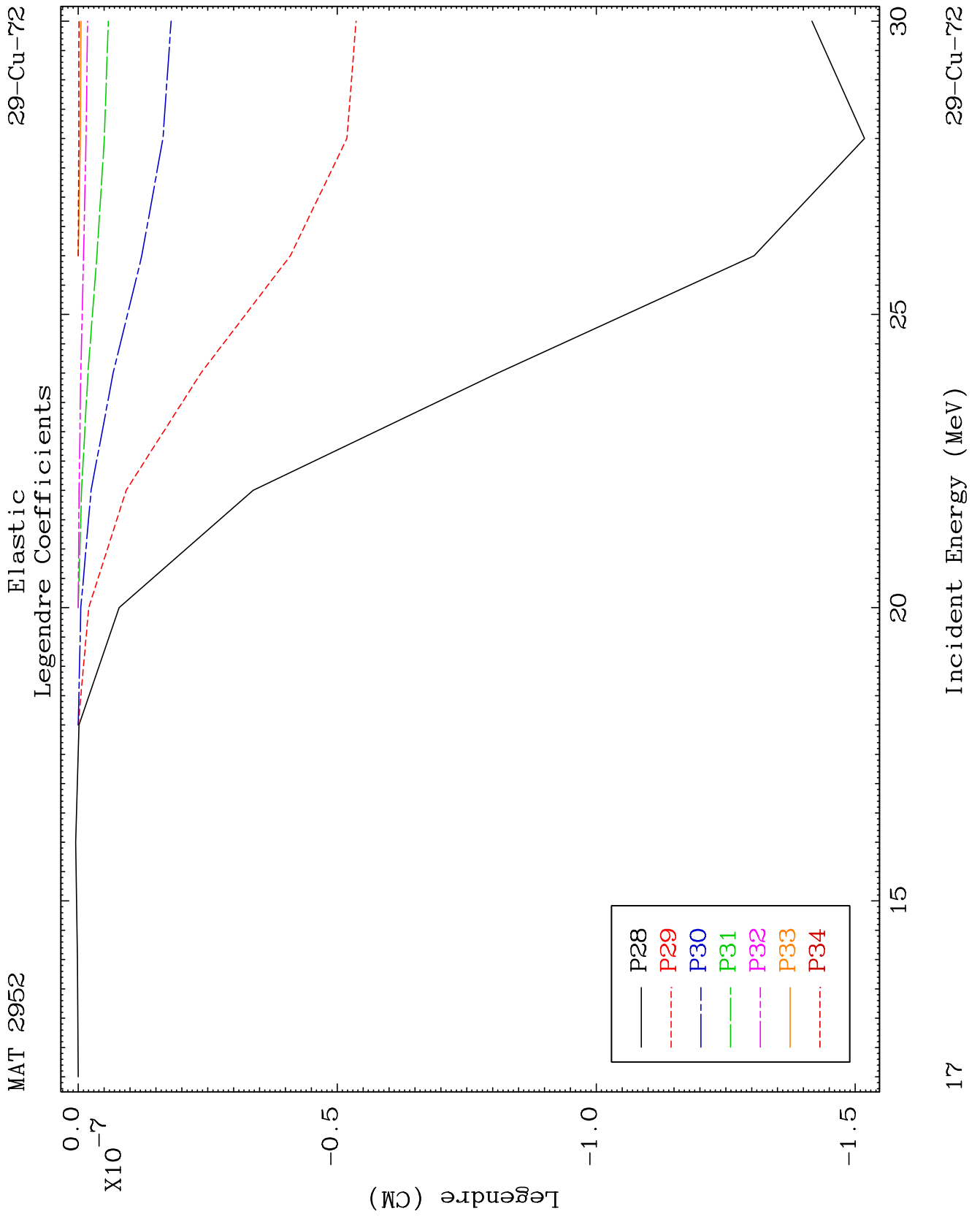
30

16

Incident Energy (MeV)

29-Cu-72

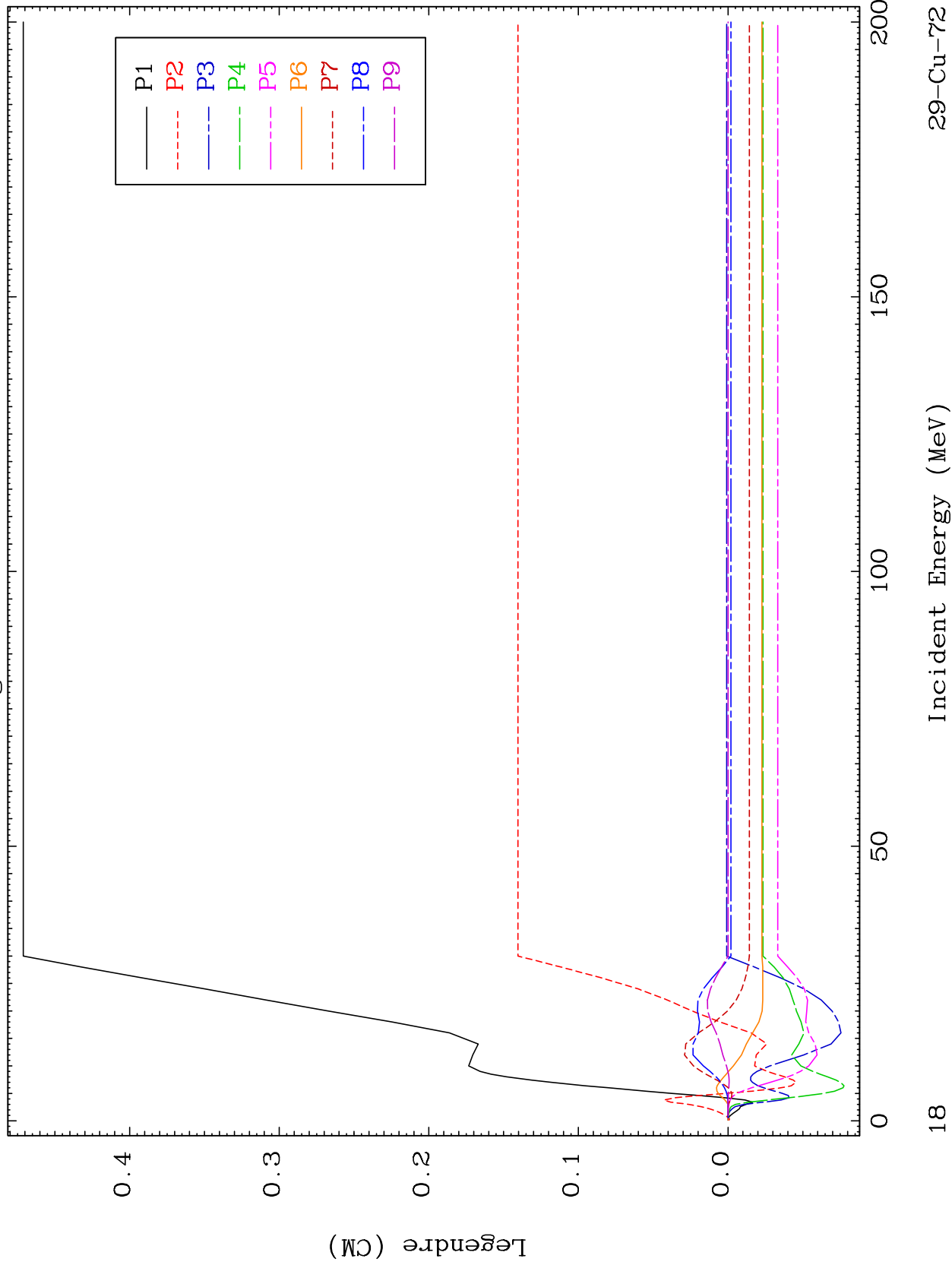




MAT 2952

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

29-Cu-72



18

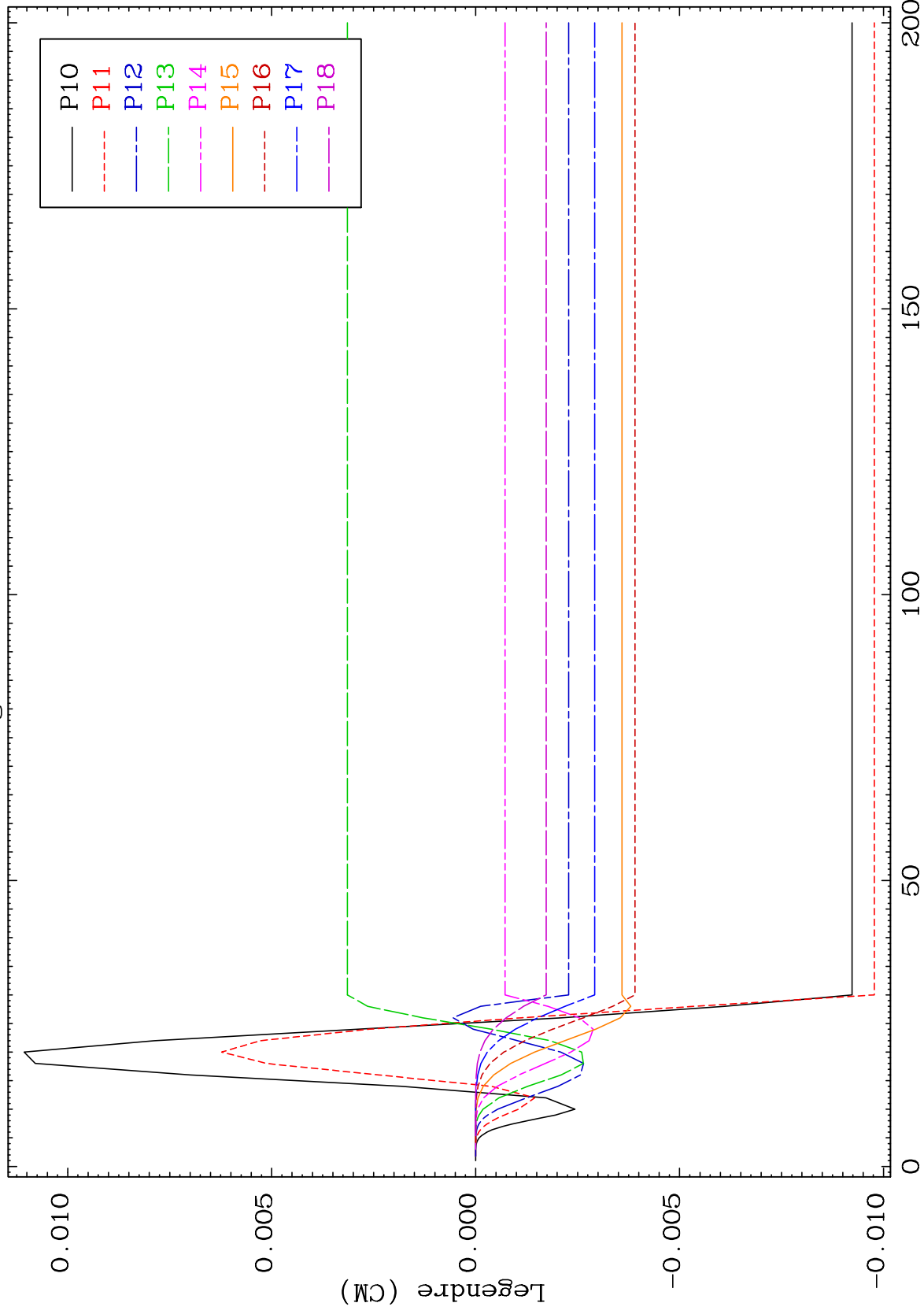
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

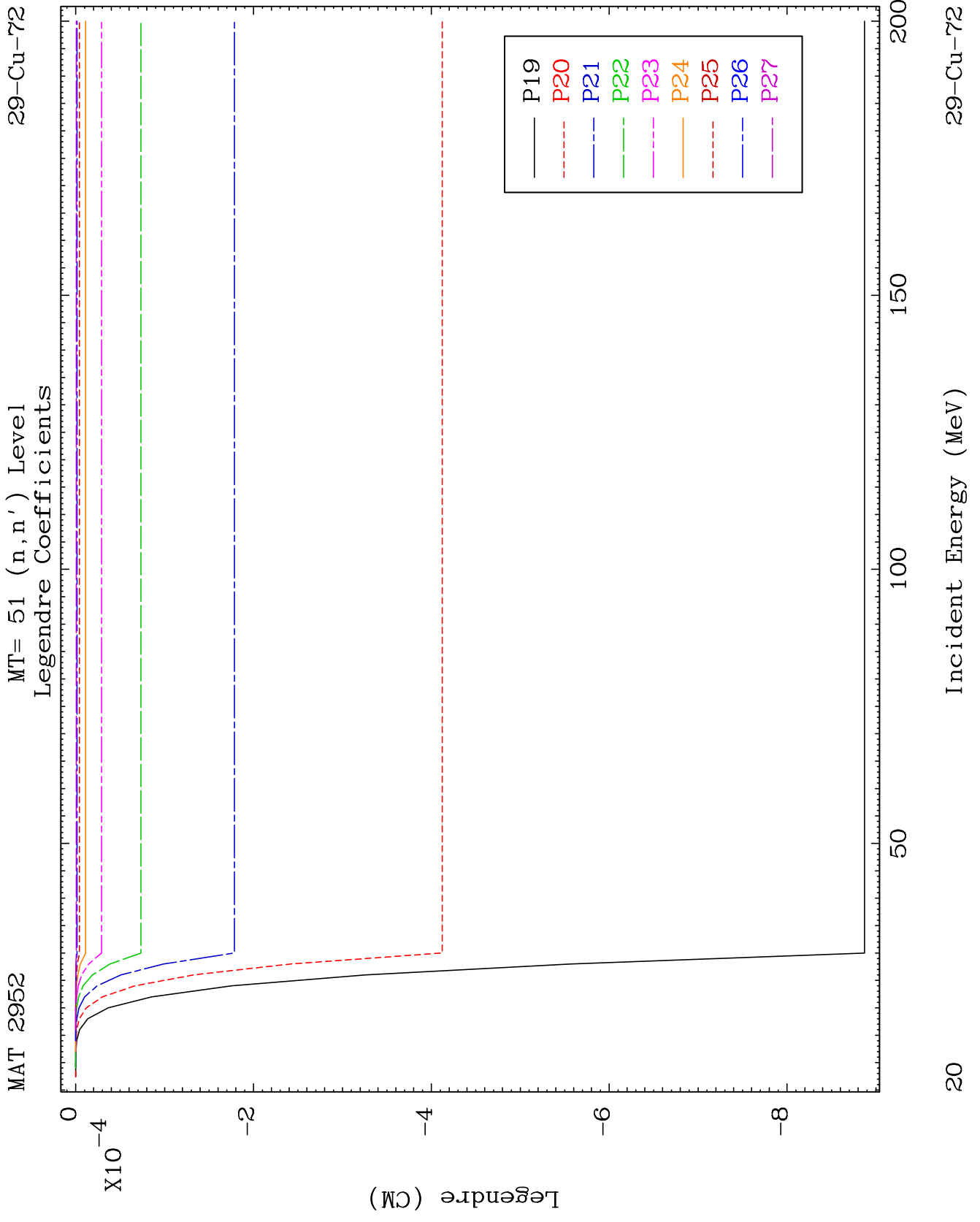
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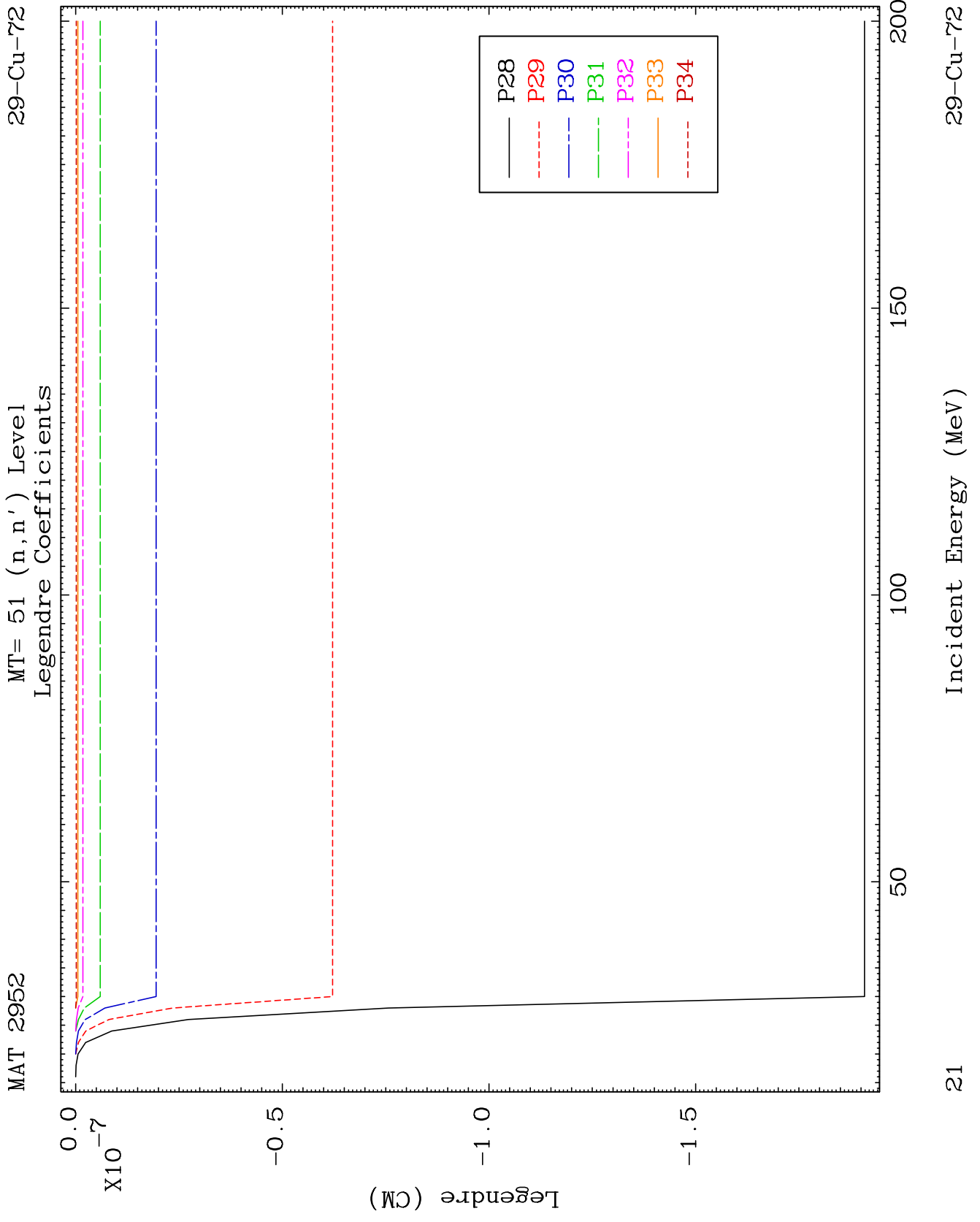


19

Incident Energy (MeV)

29-Cu-72

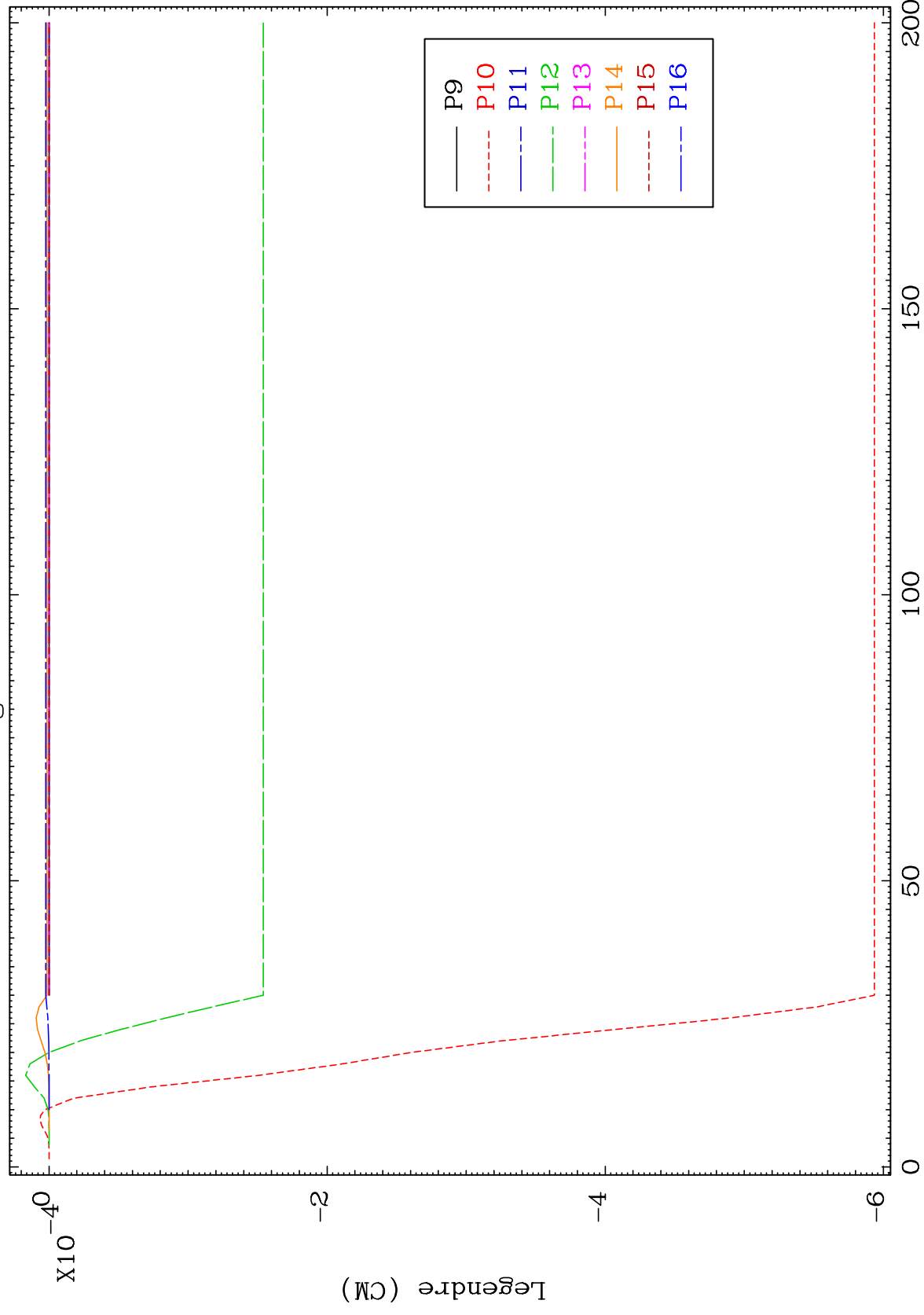




MAT 2952

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

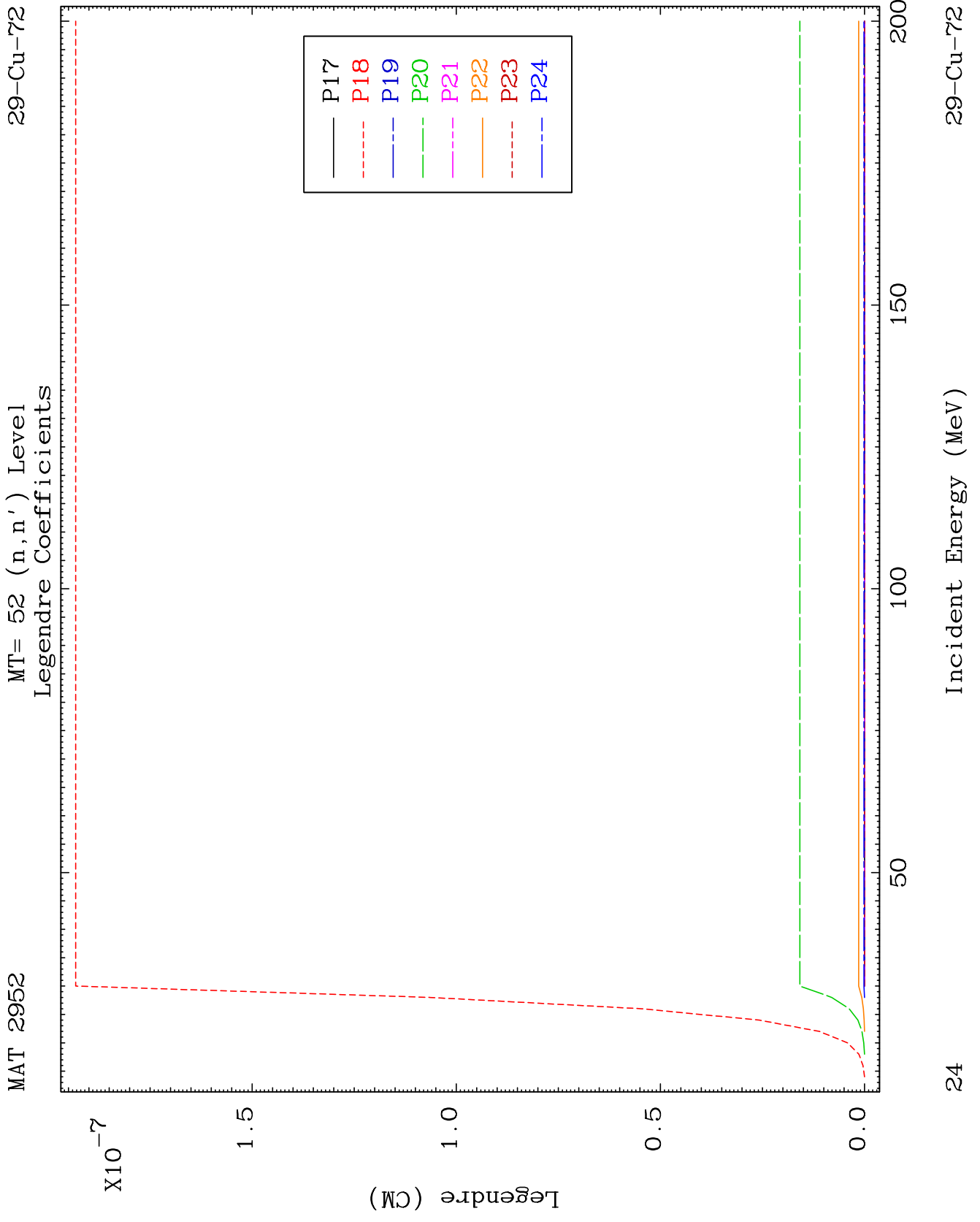
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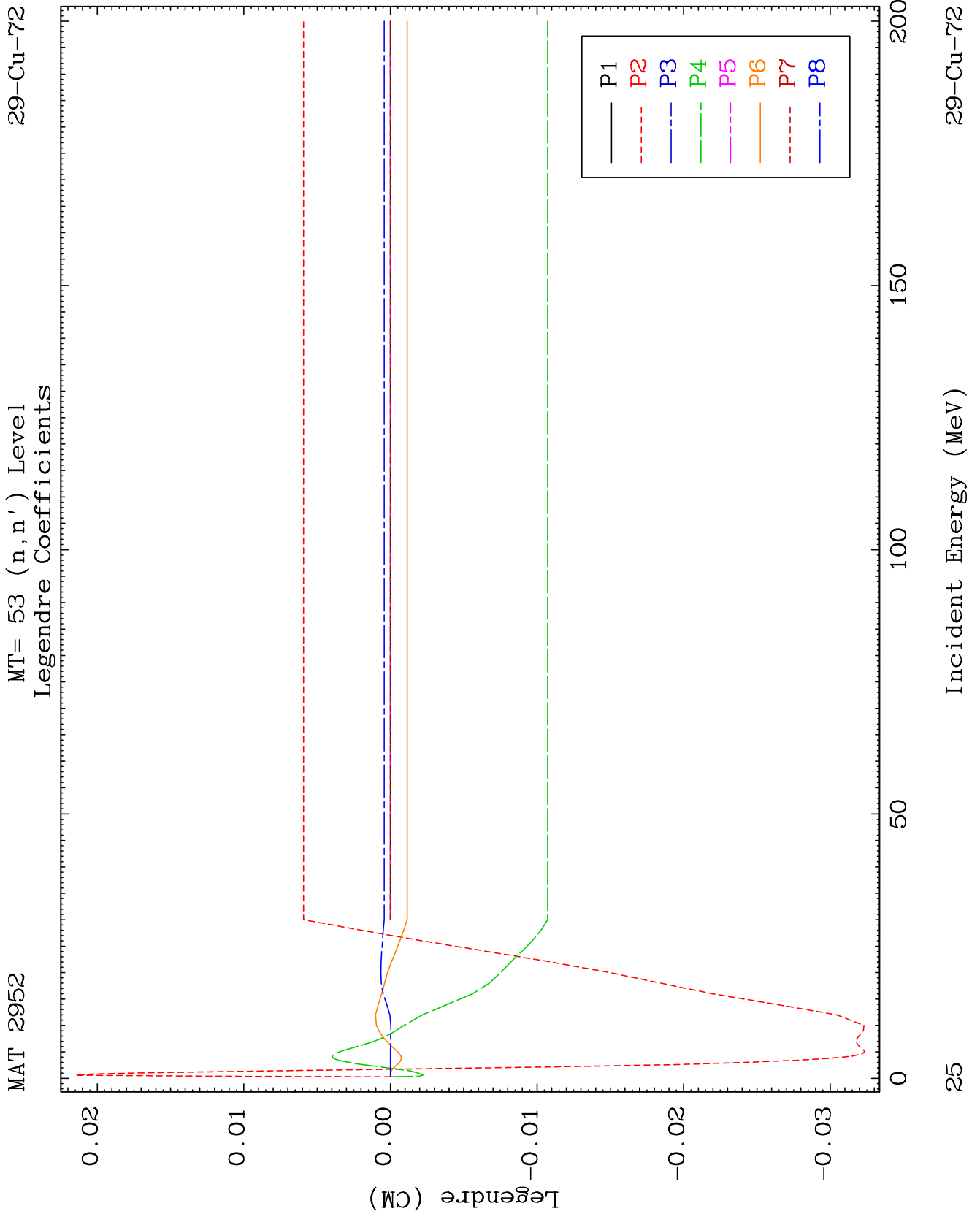


23

Incident Energy (MeV)

29-Cu-72

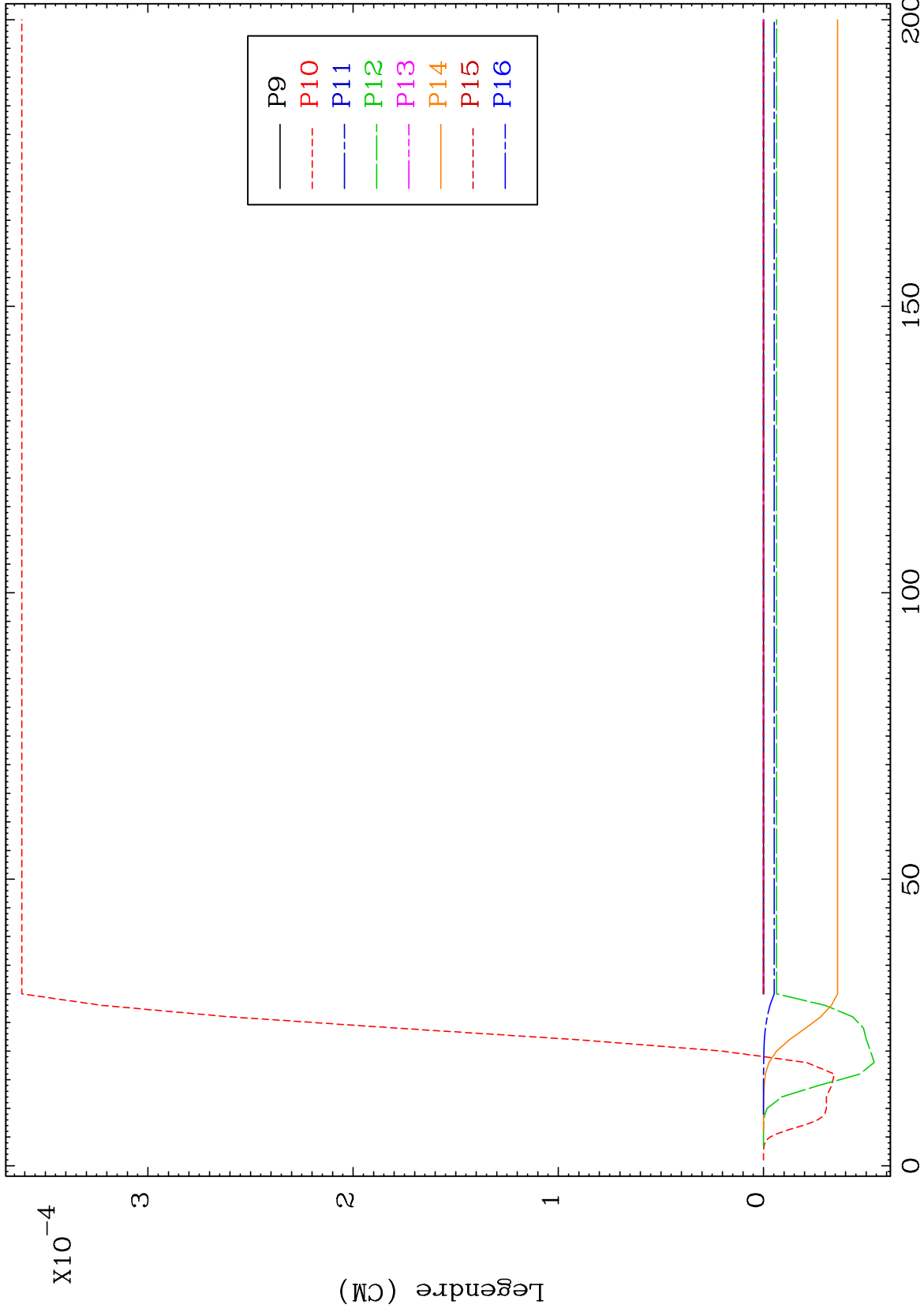




MAT 2952

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

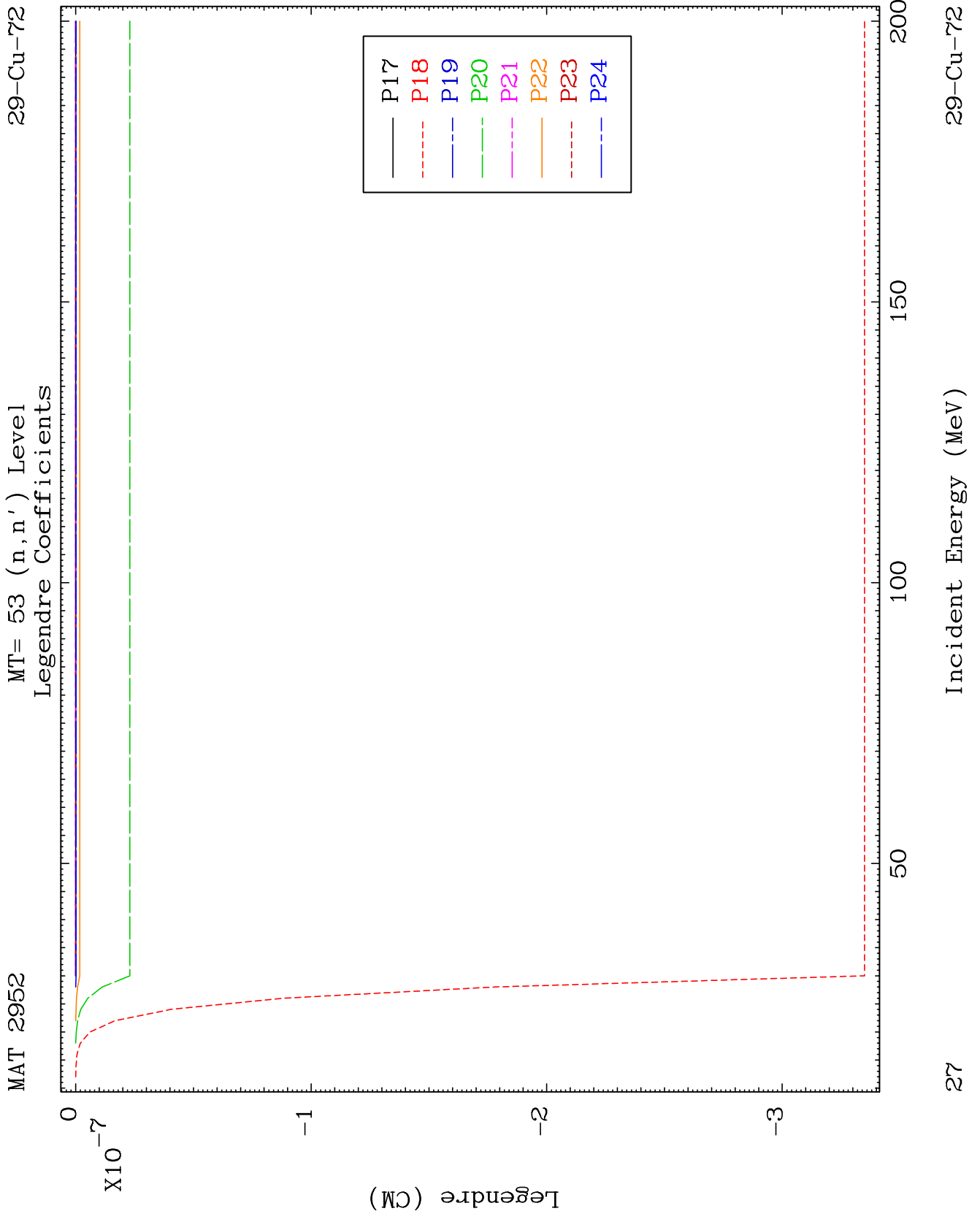
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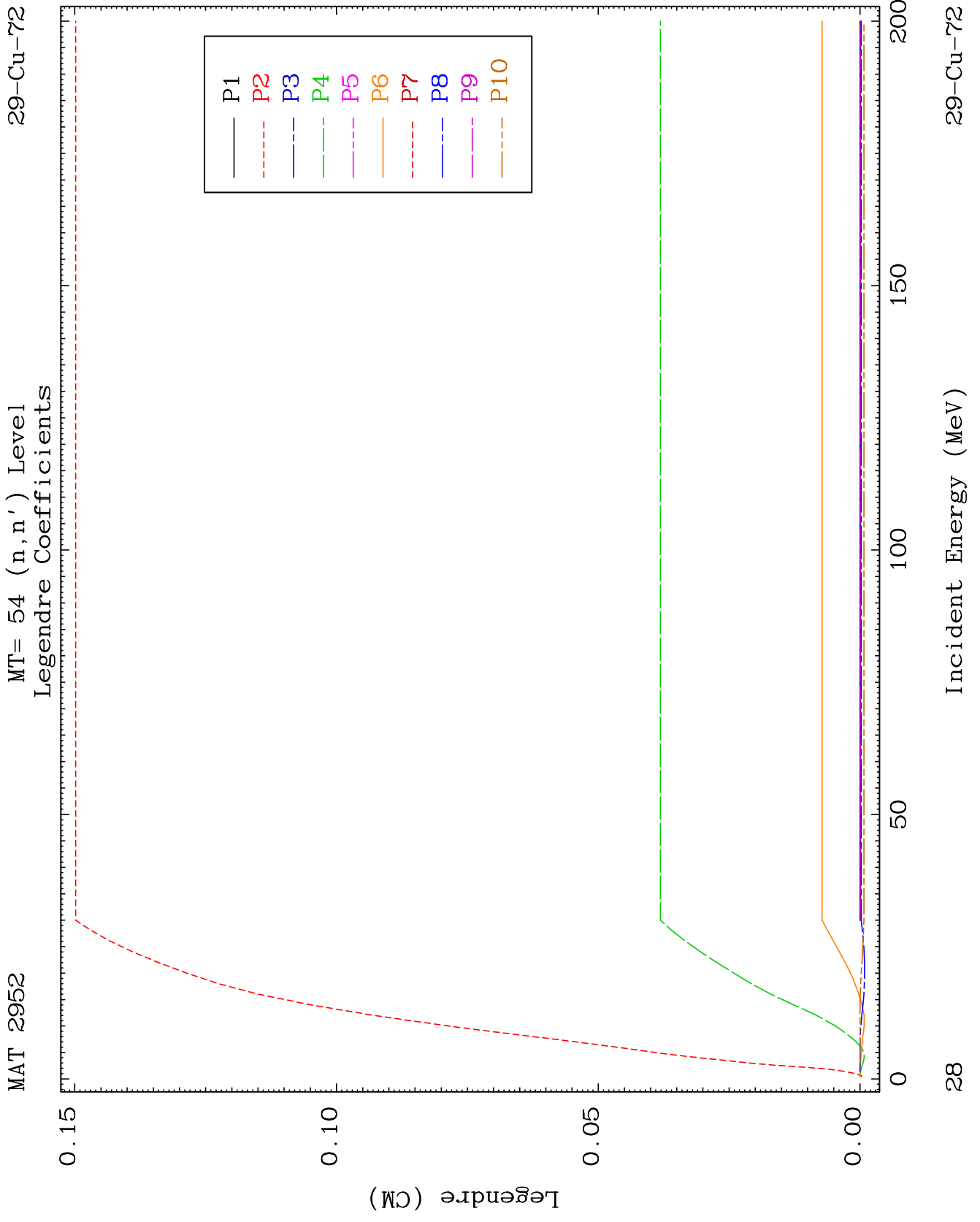


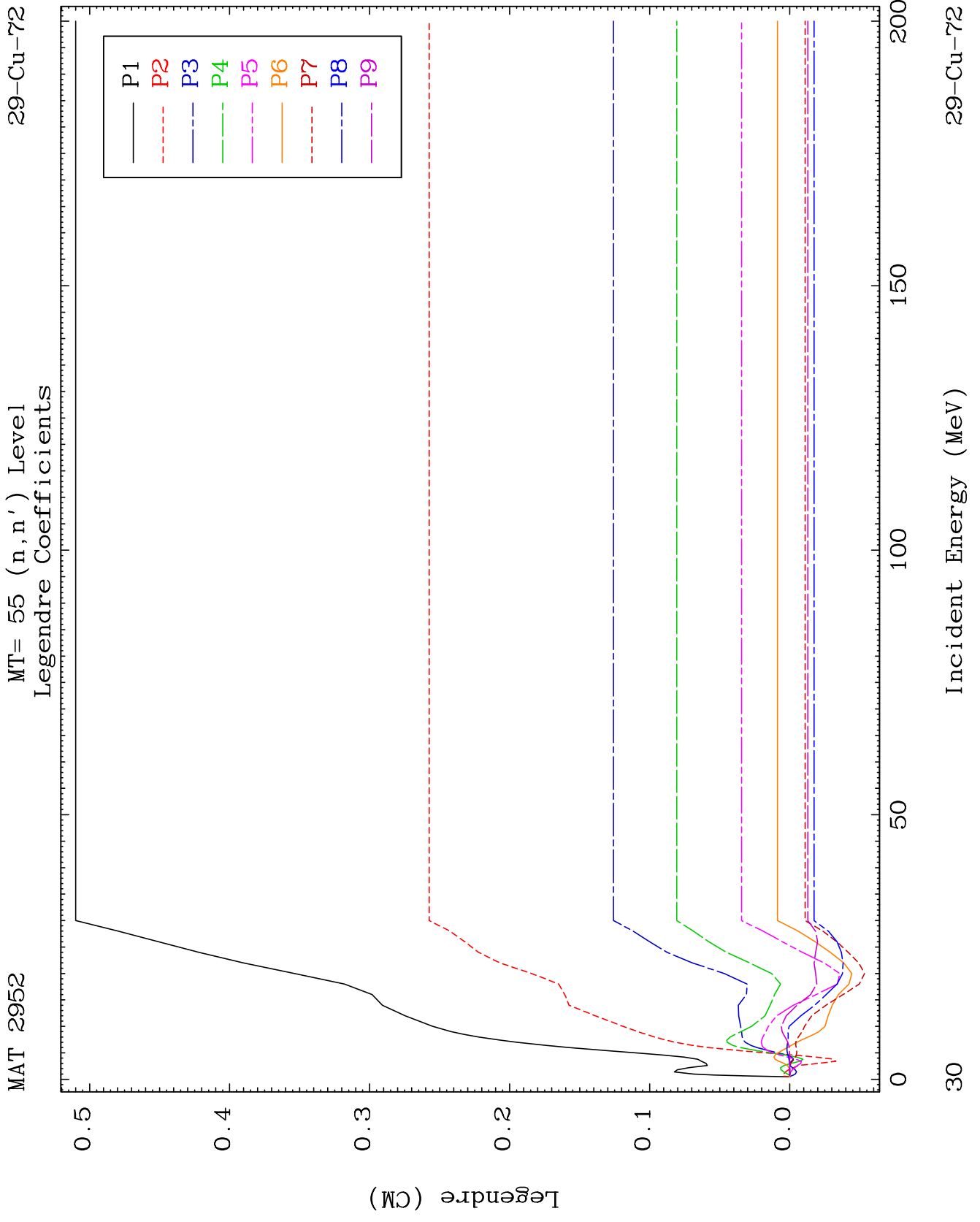
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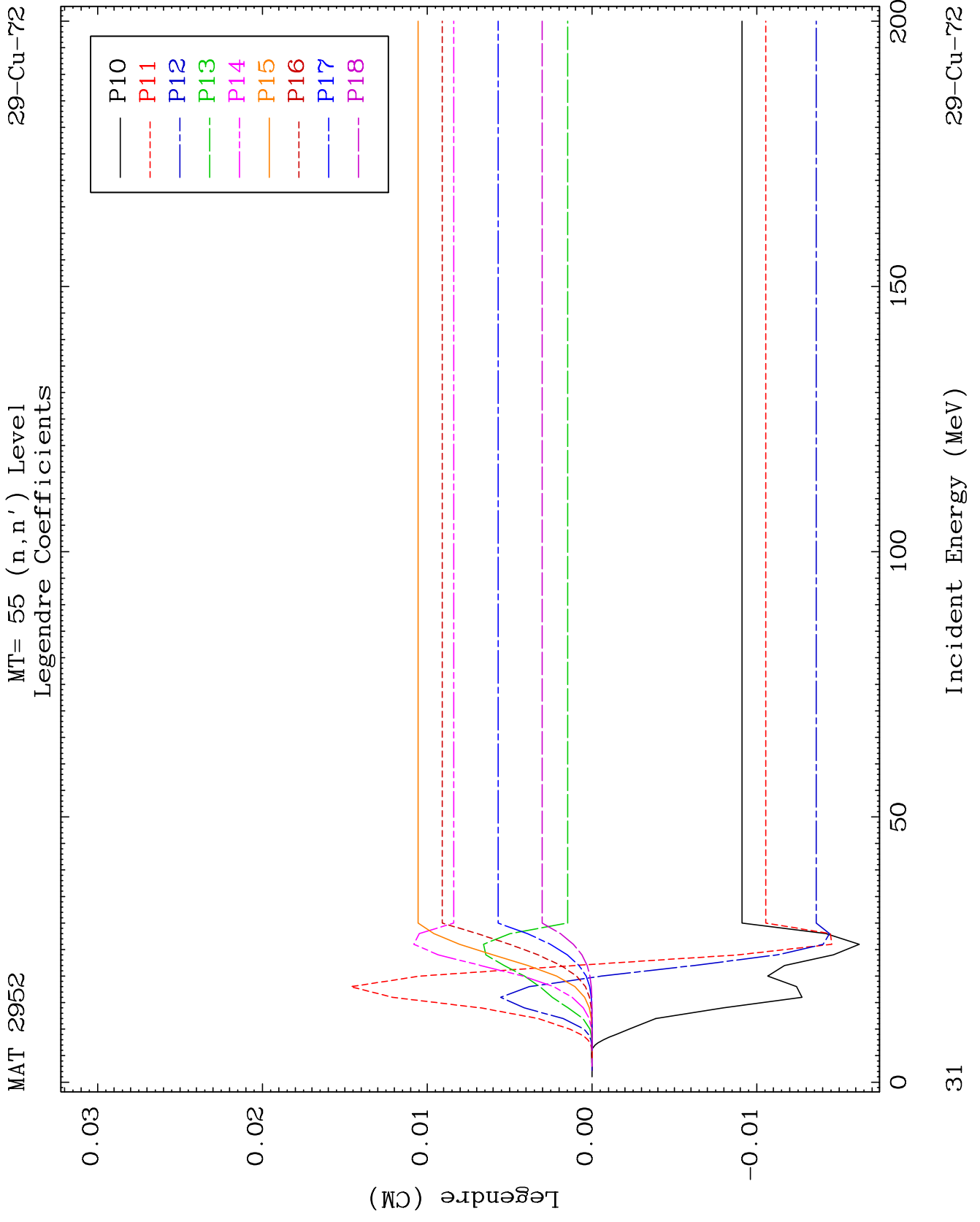
Incident Energy (MeV)

29-Cu-72





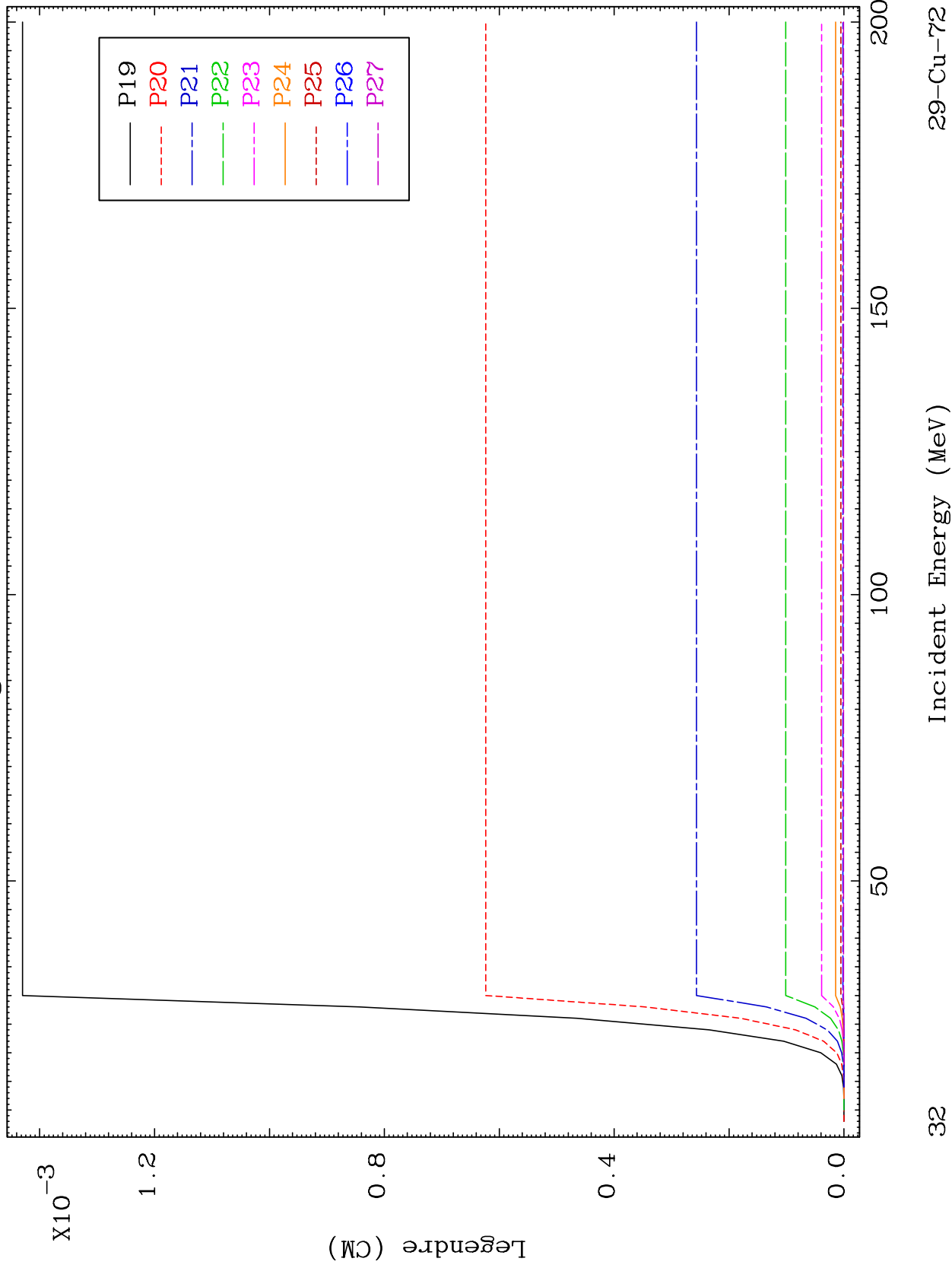




MAT 2952

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

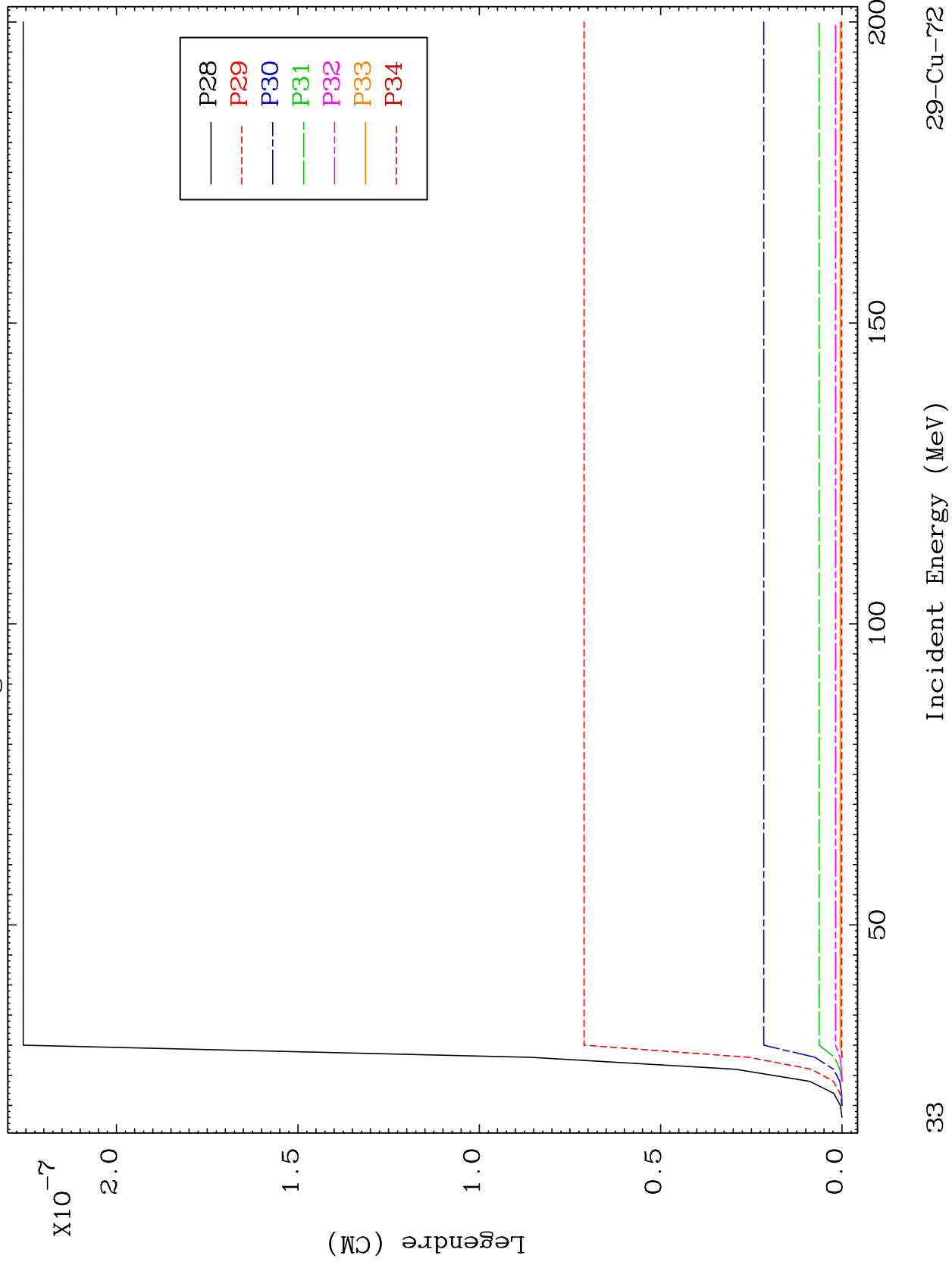
29-Cu-72



MAT 2952

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

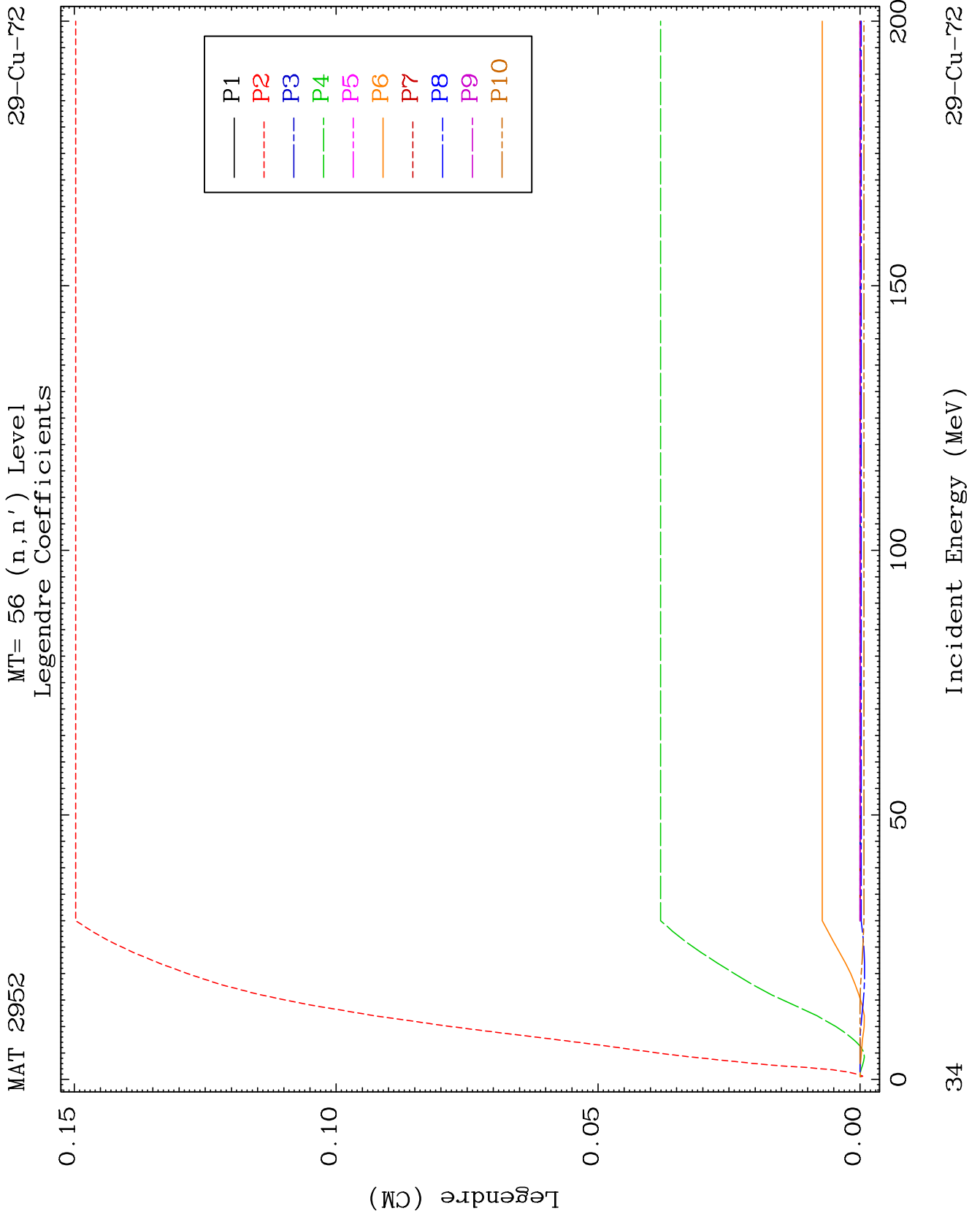
29-Cu-72

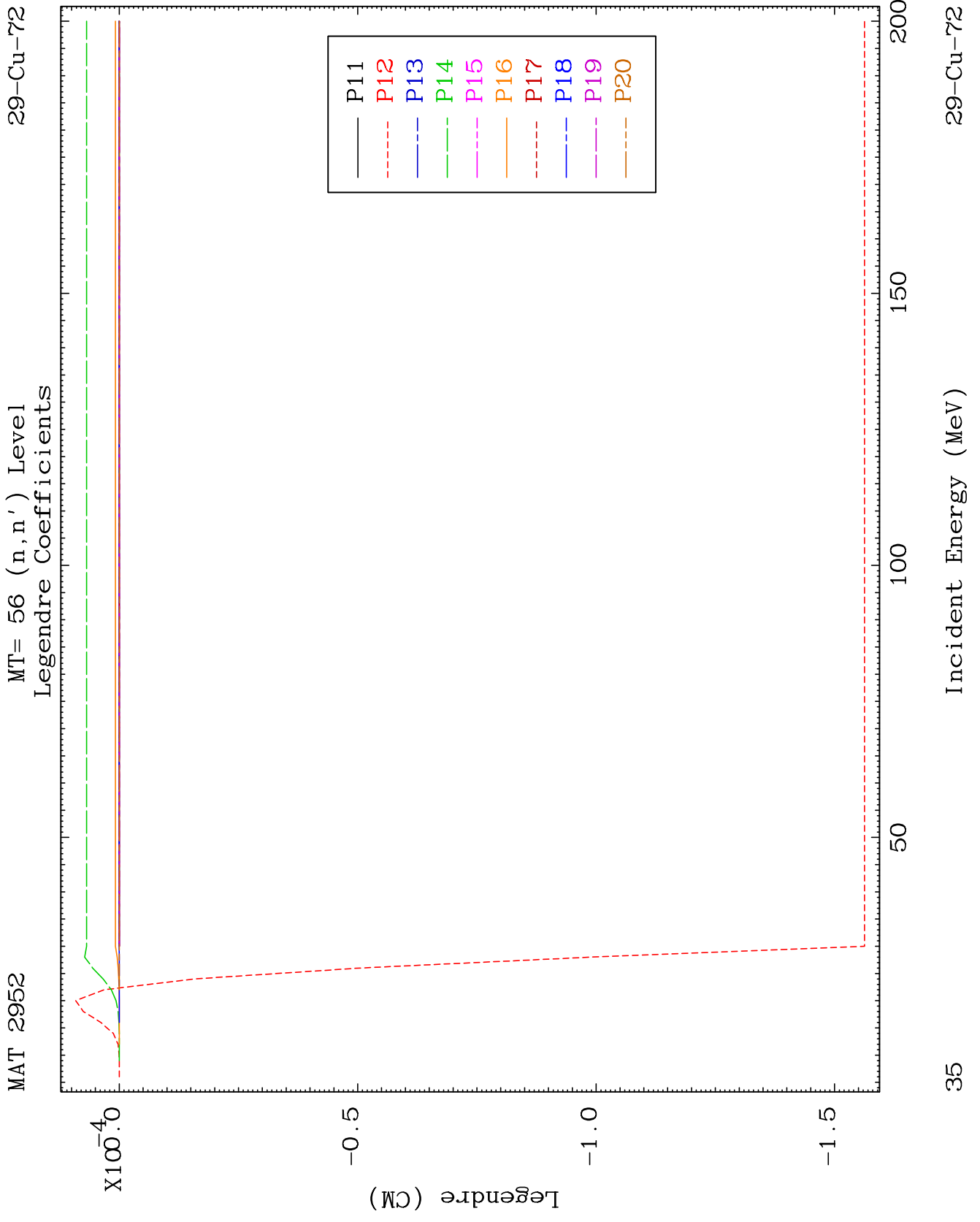


33

Incident Energy (MeV)

29-Cu-72

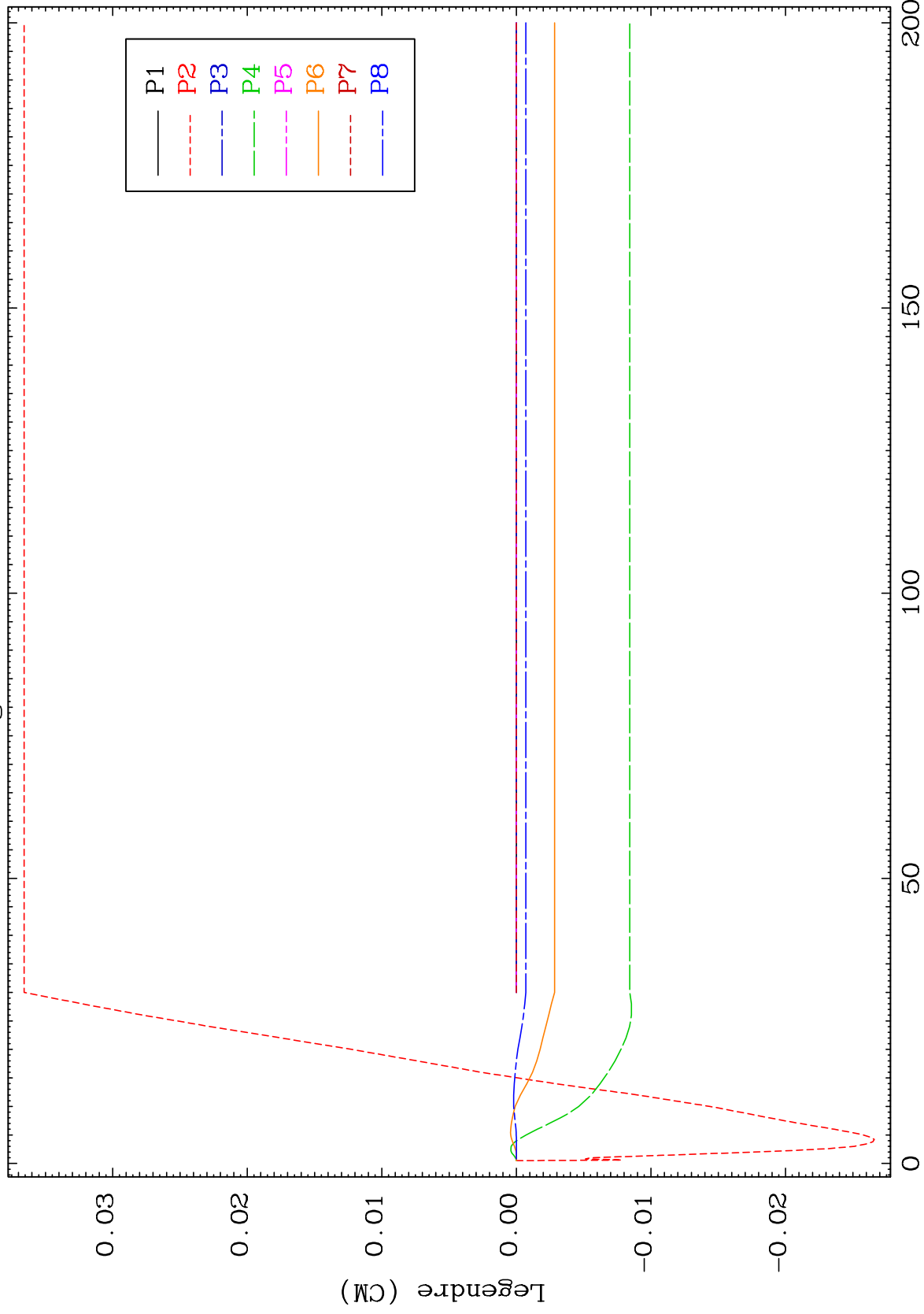




MAT 2952

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

29-Cu-72



36

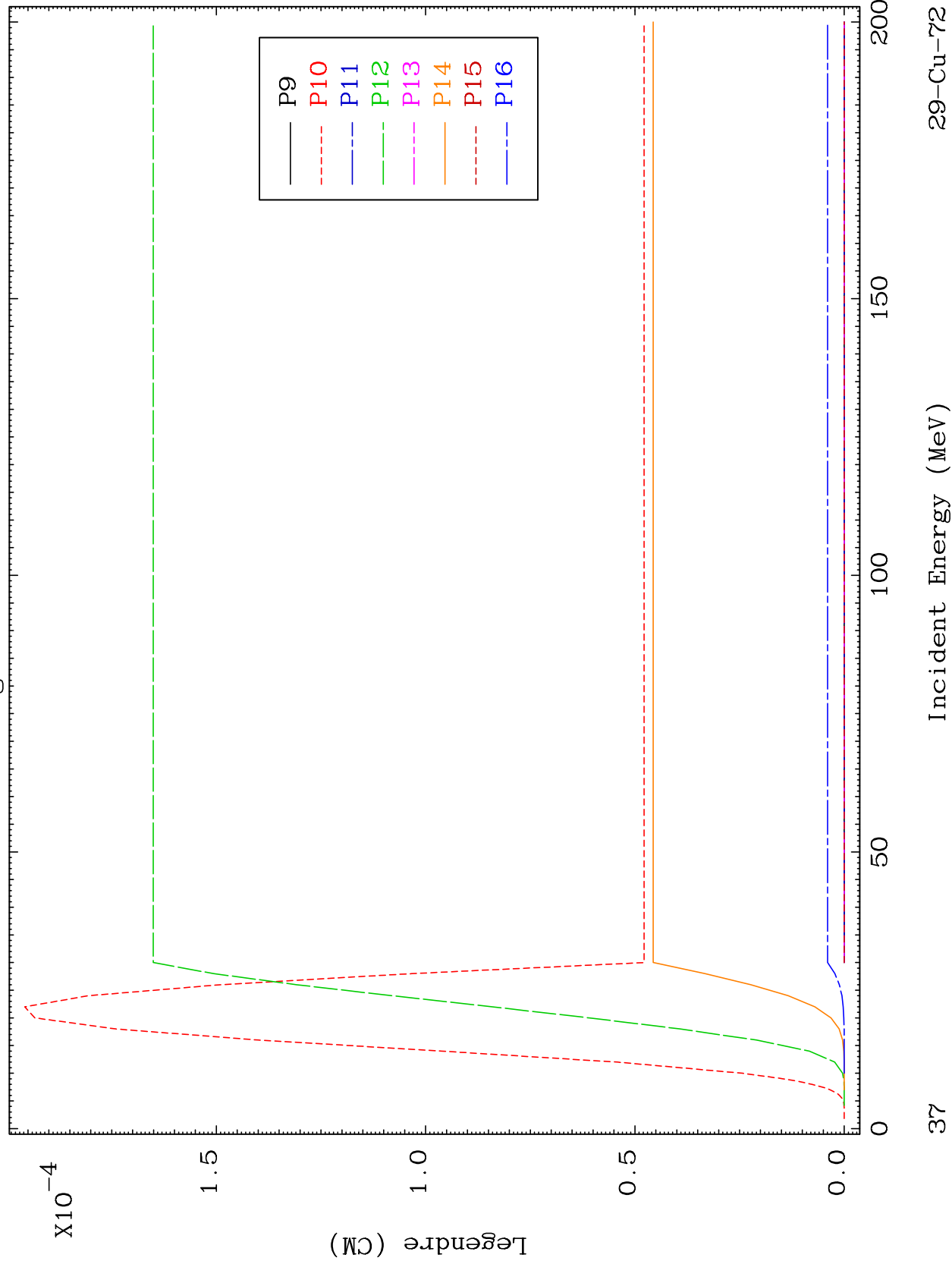
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

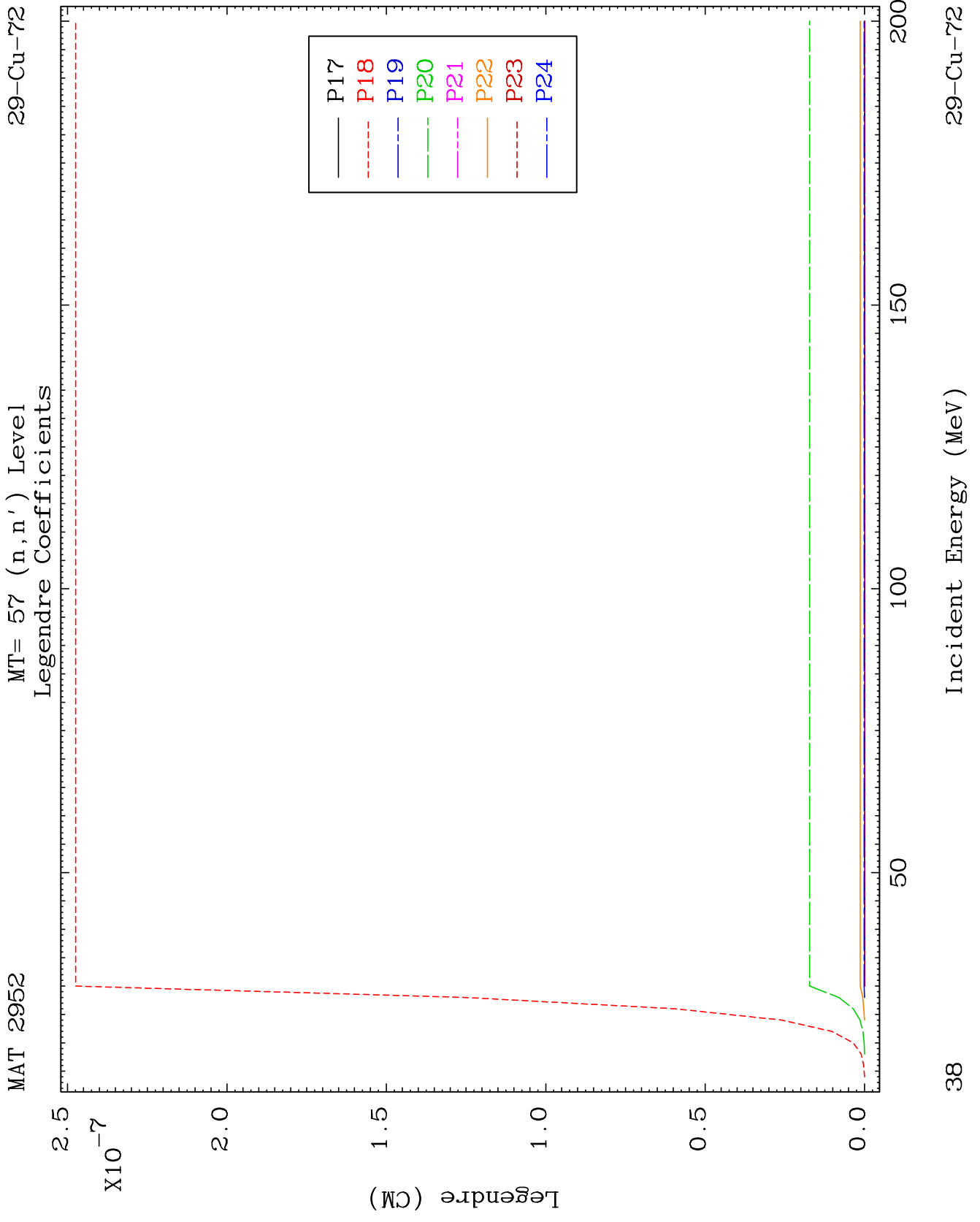
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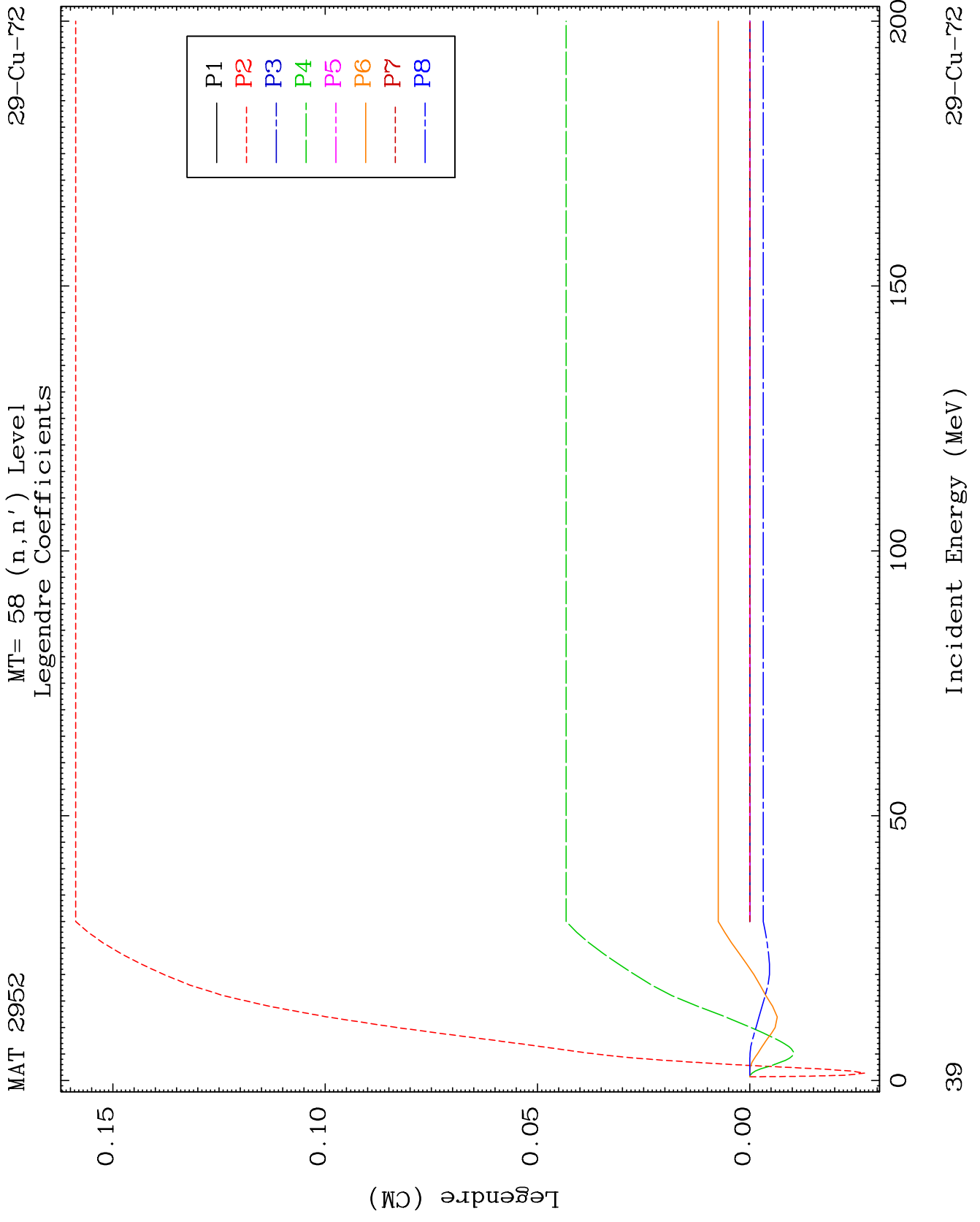


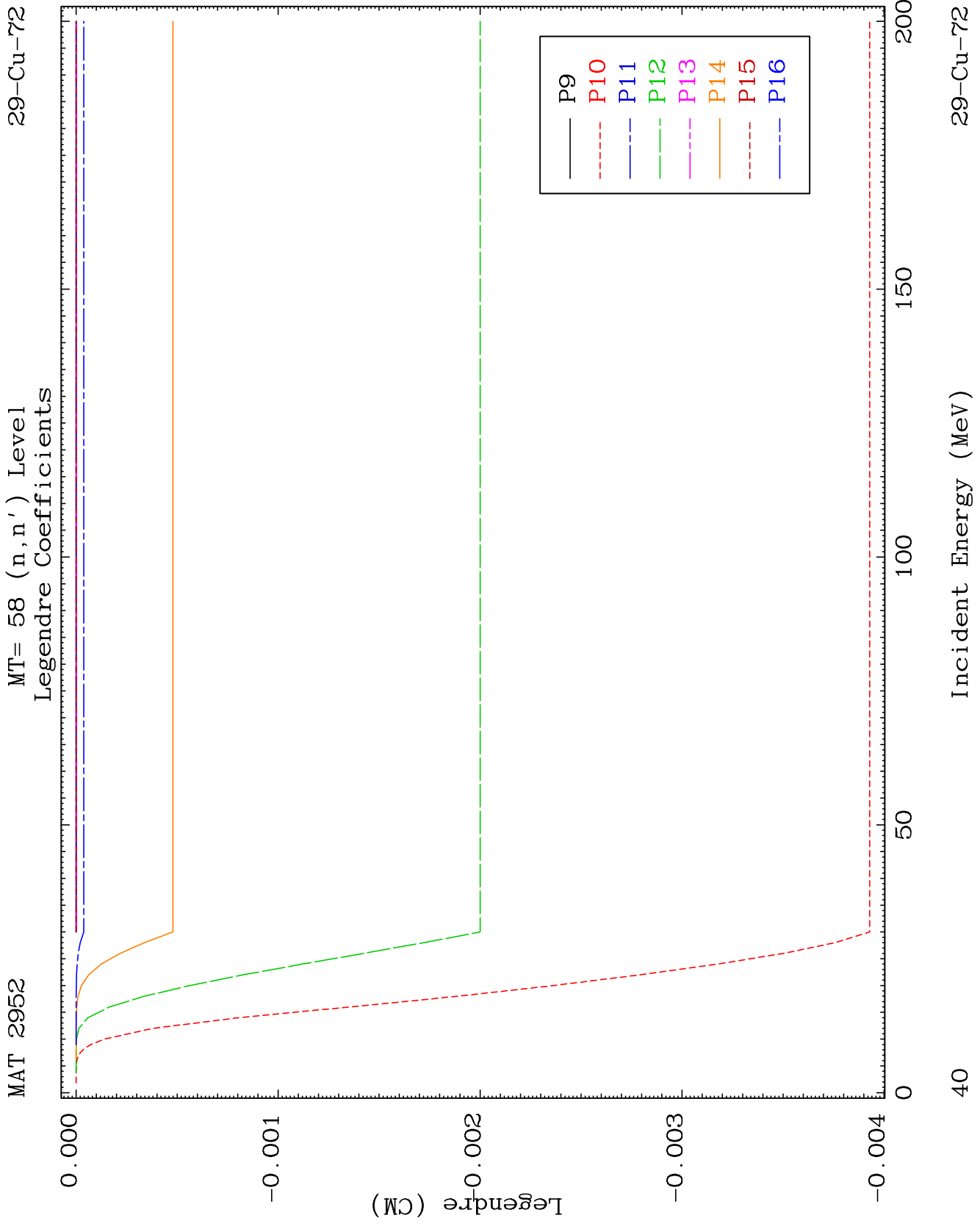
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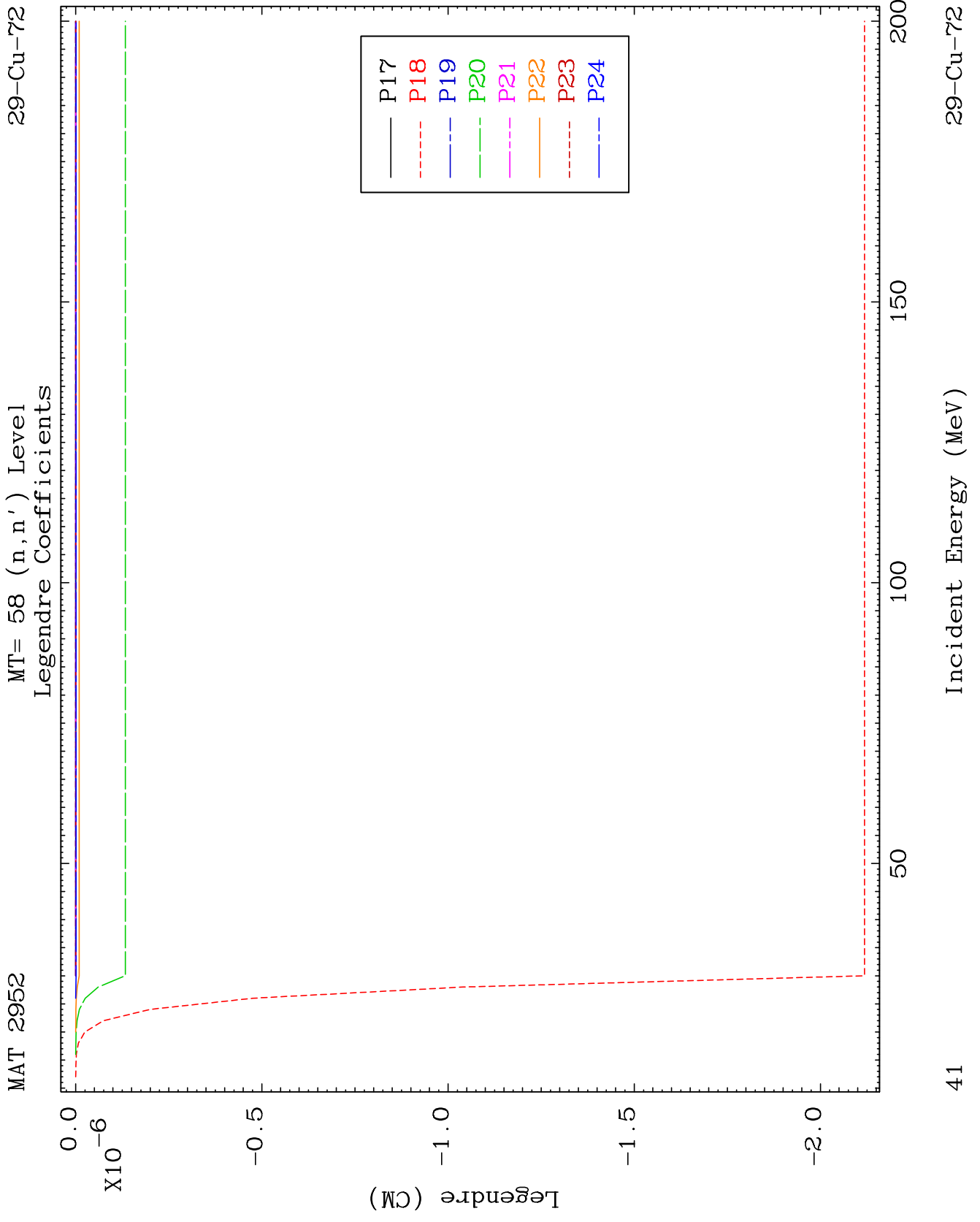
Incident Energy (MeV)

29-Cu-72





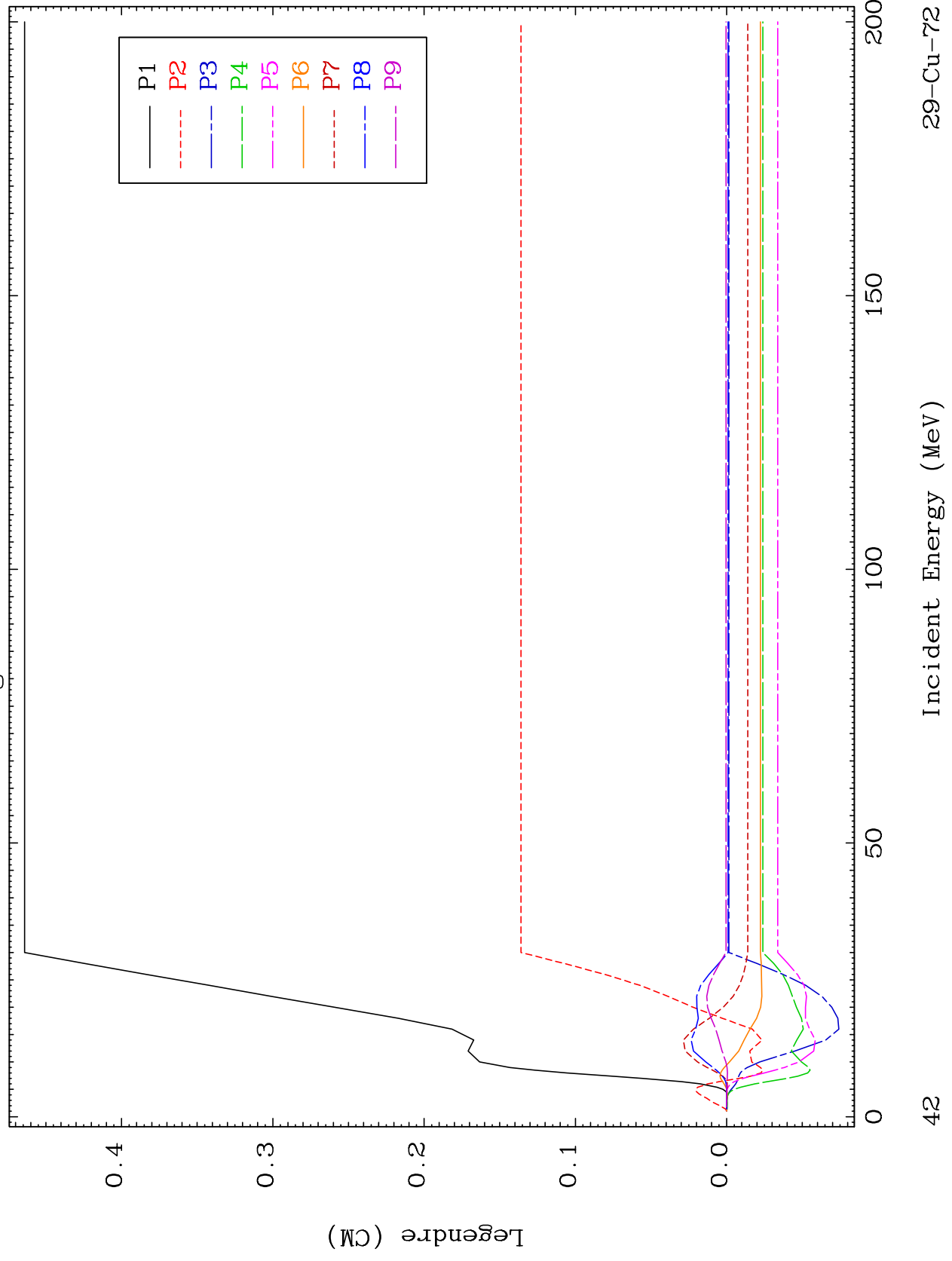




MAT 2952

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

29-Cu-72



42

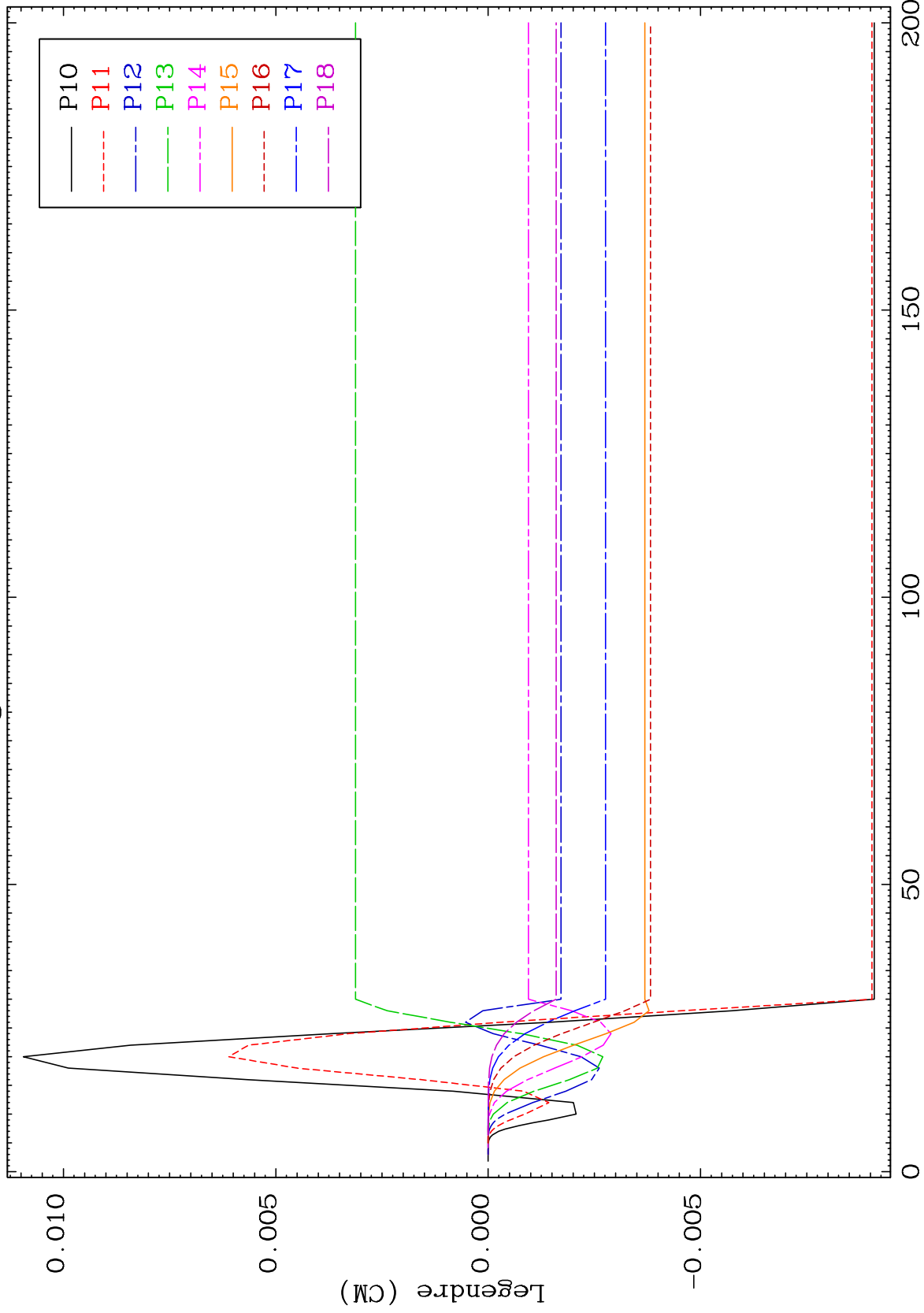
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

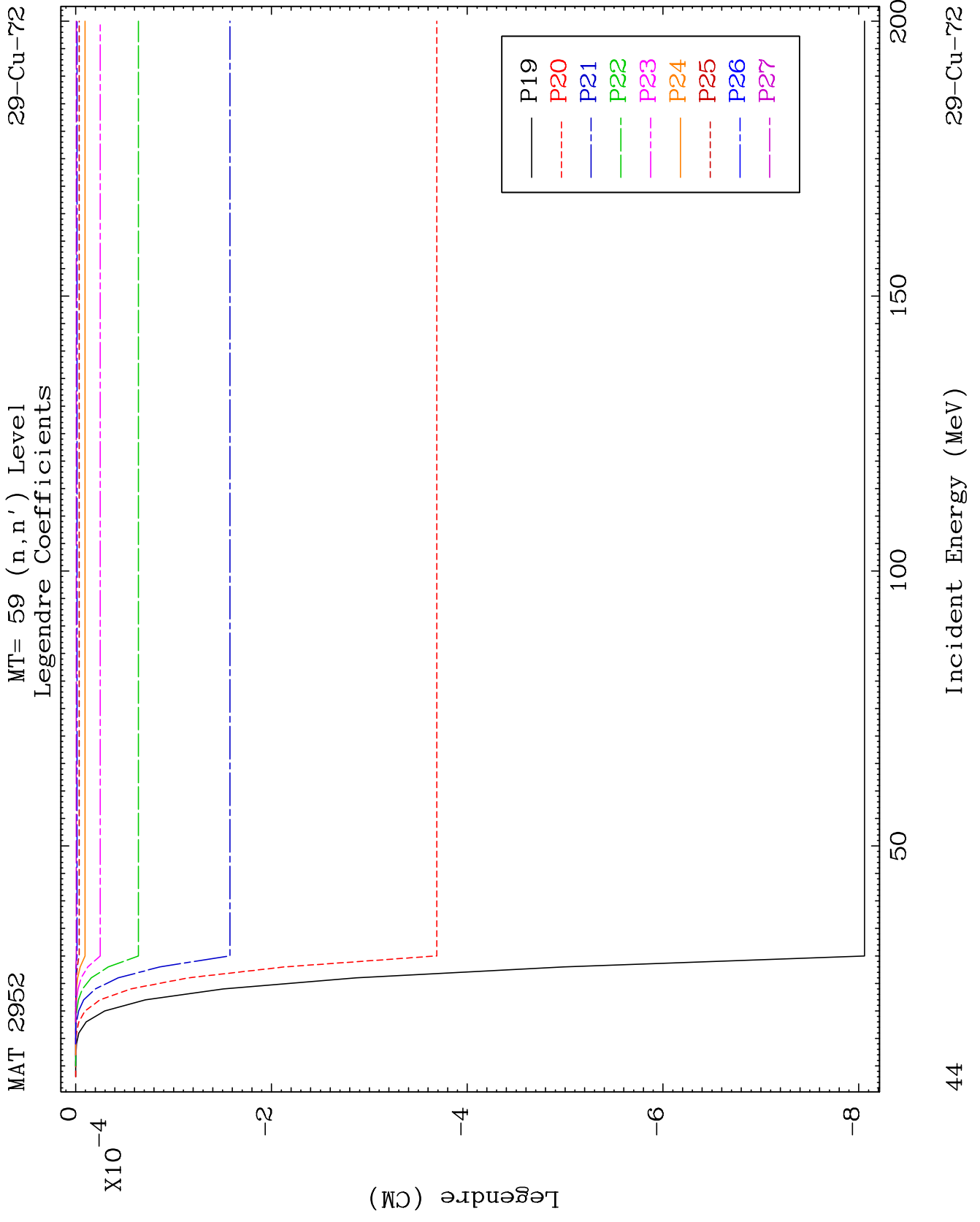
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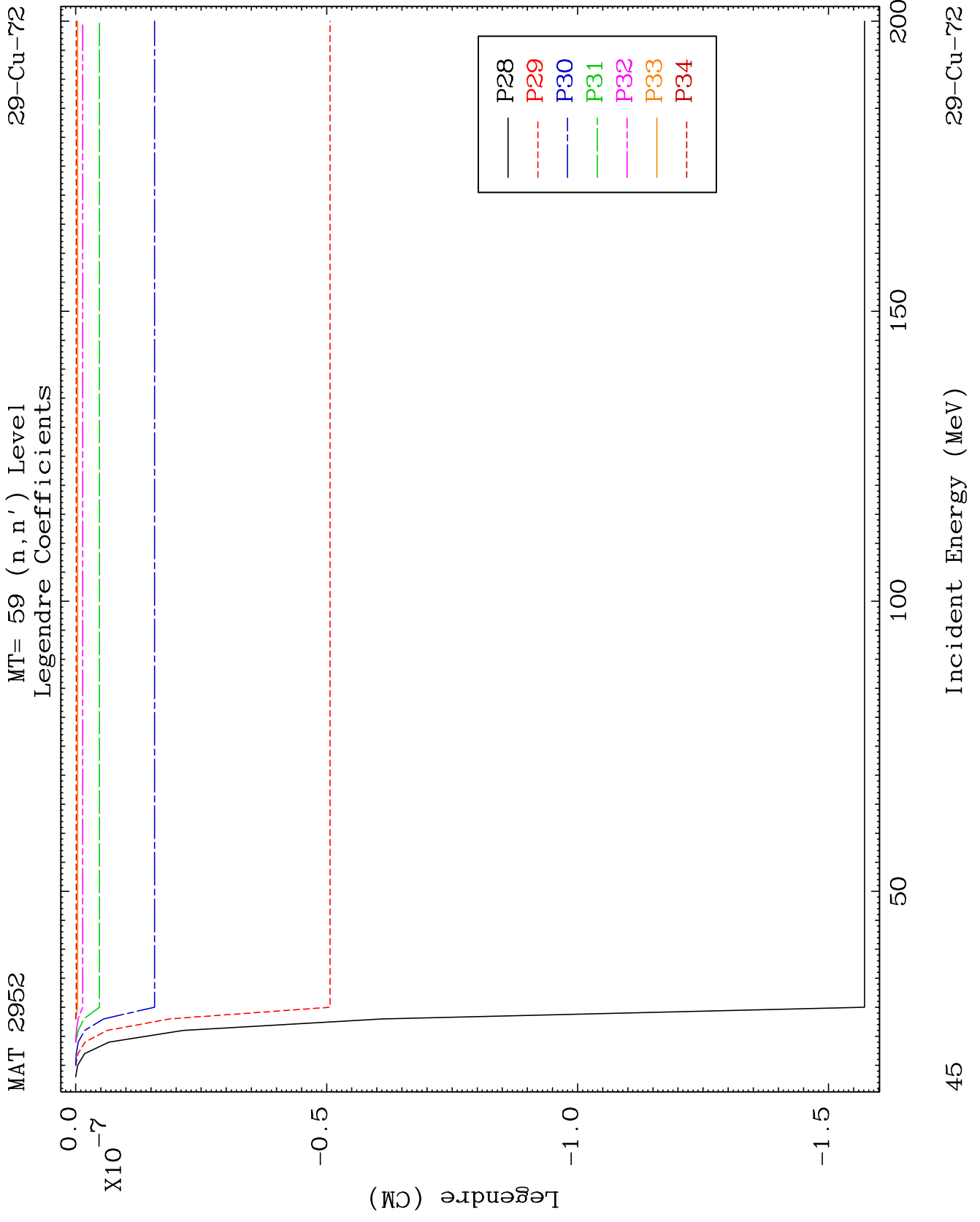


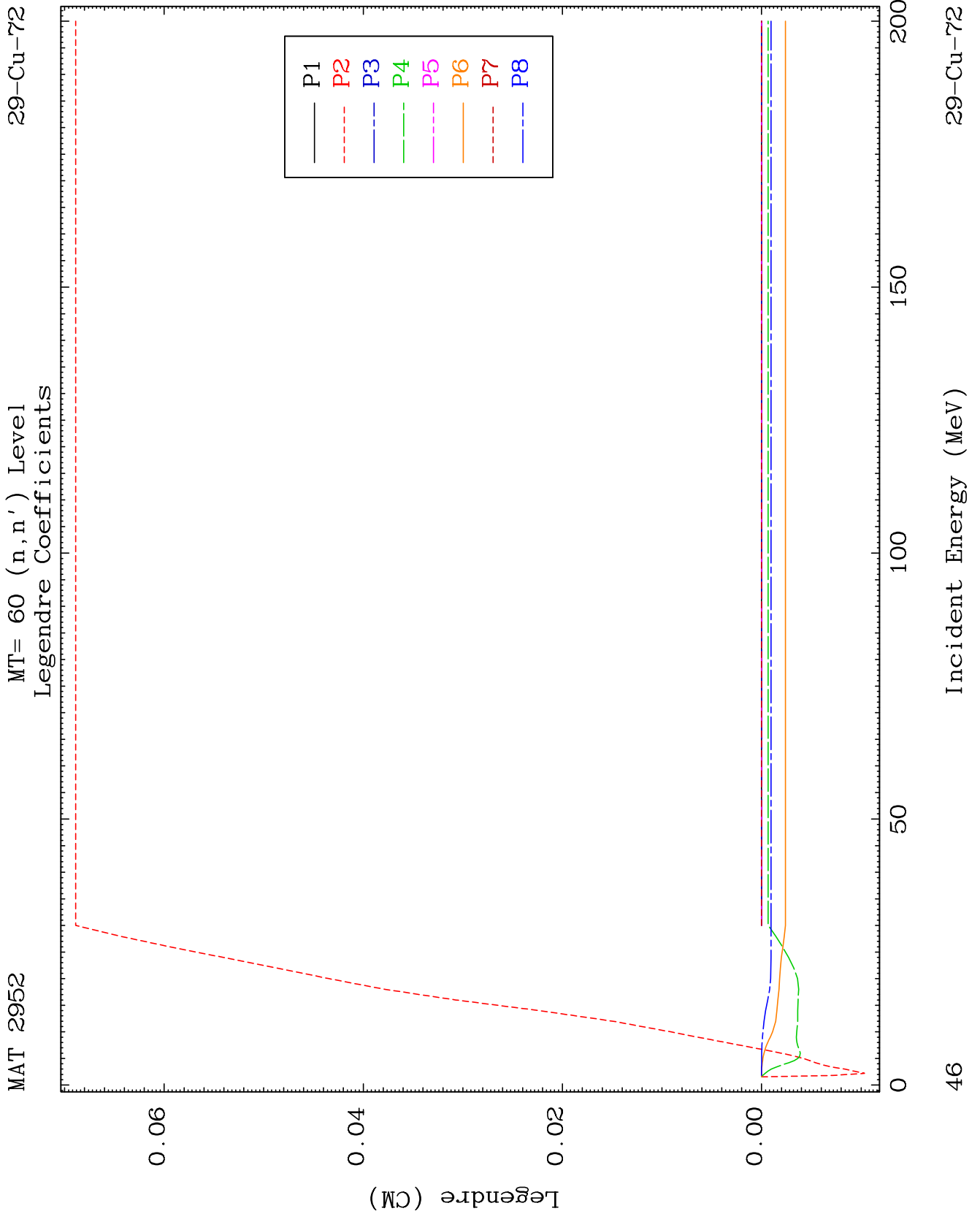
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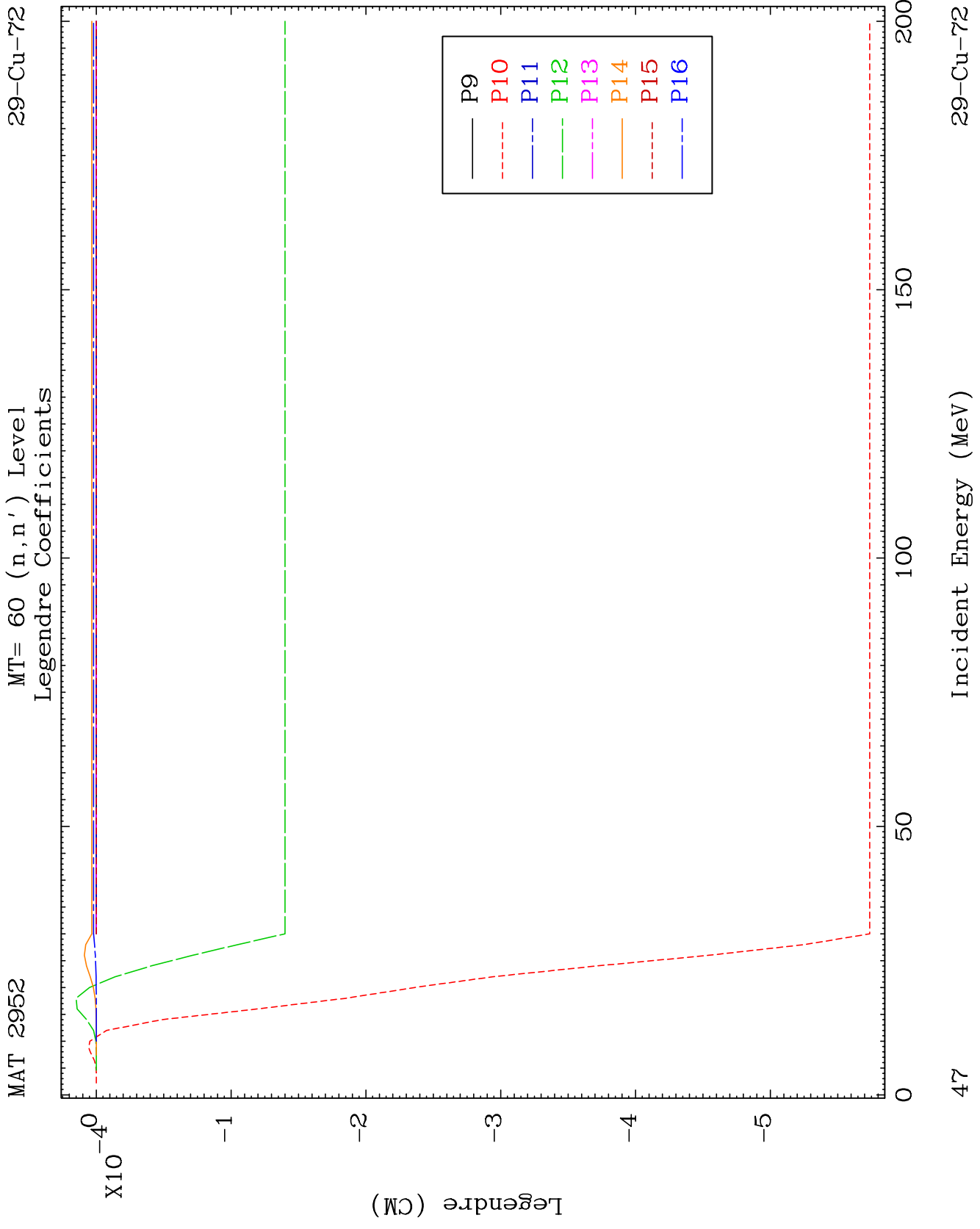
Incident Energy (MeV)

29-Cu-72





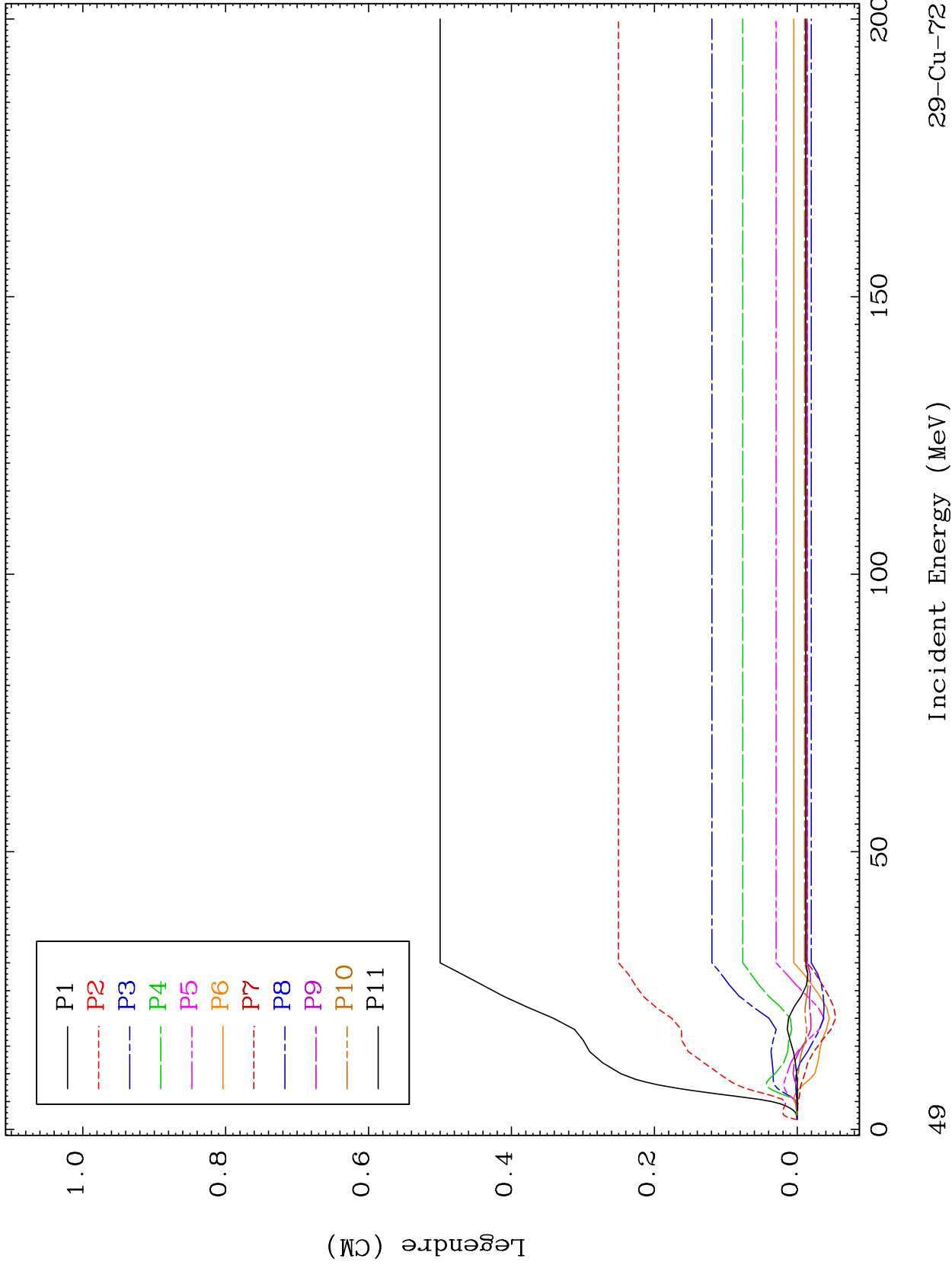




MAT 2952

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

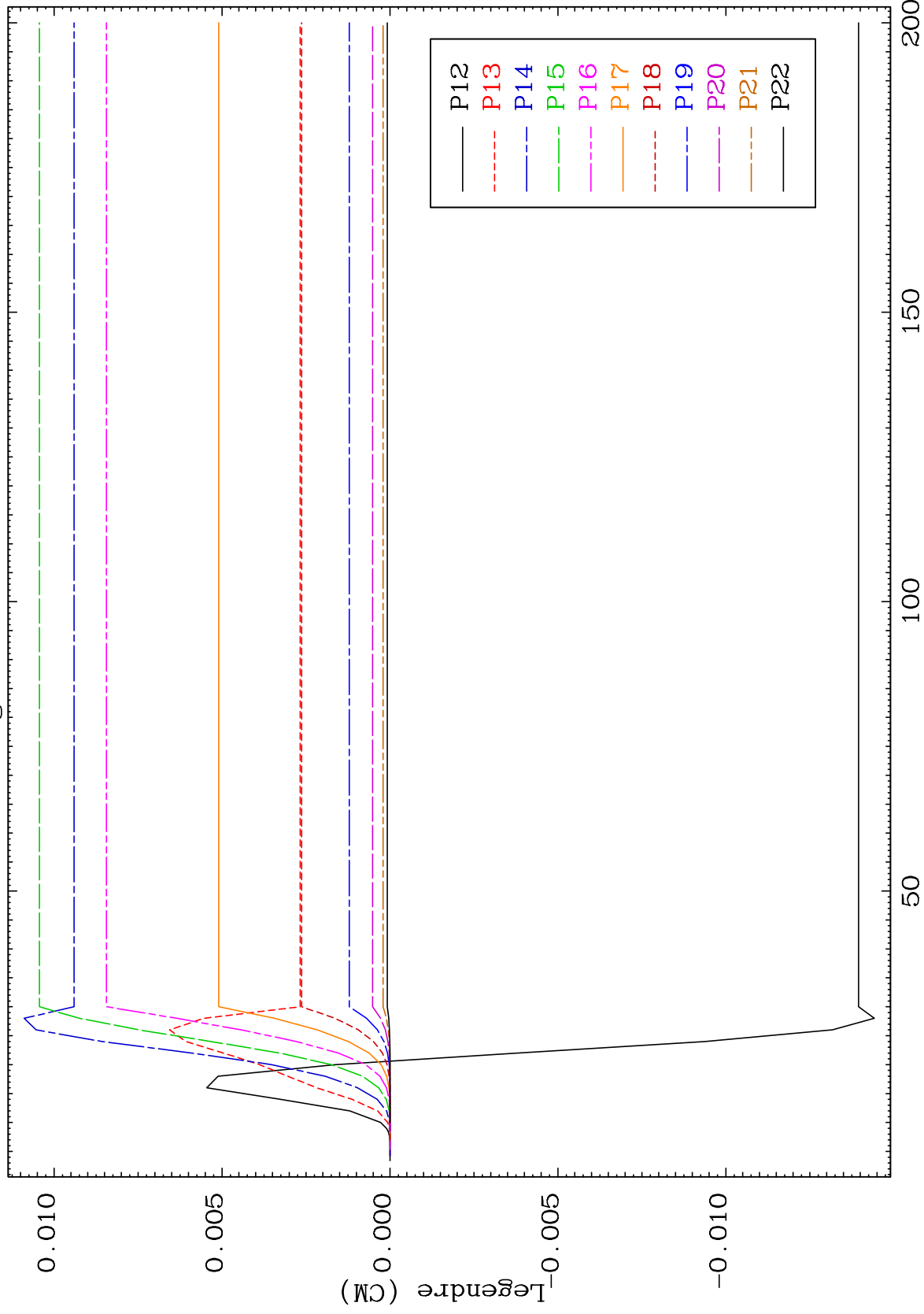
29-Cu-72



MAT 2952

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

29-Cu-72



50

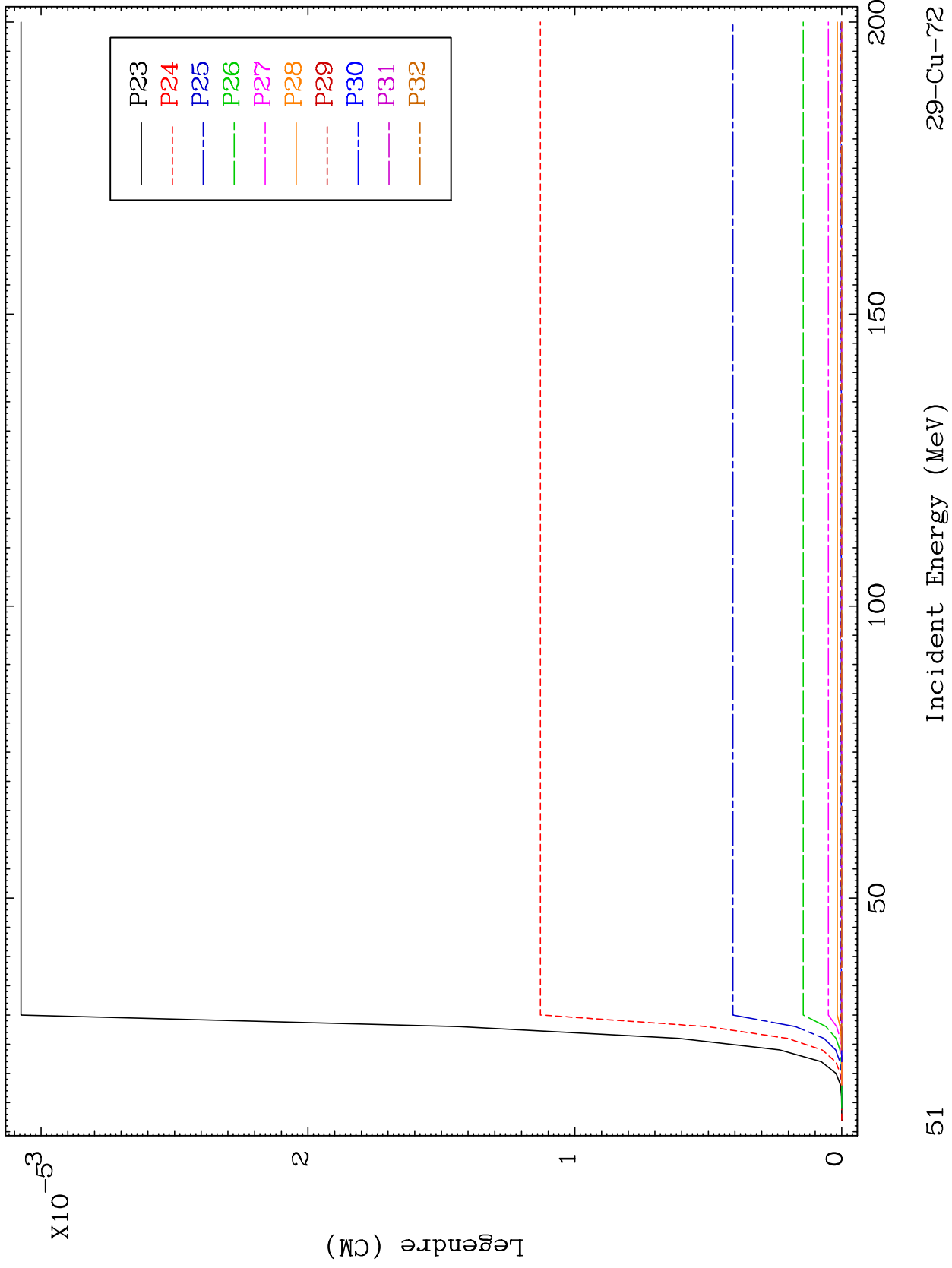
Incident Energy (MeV)

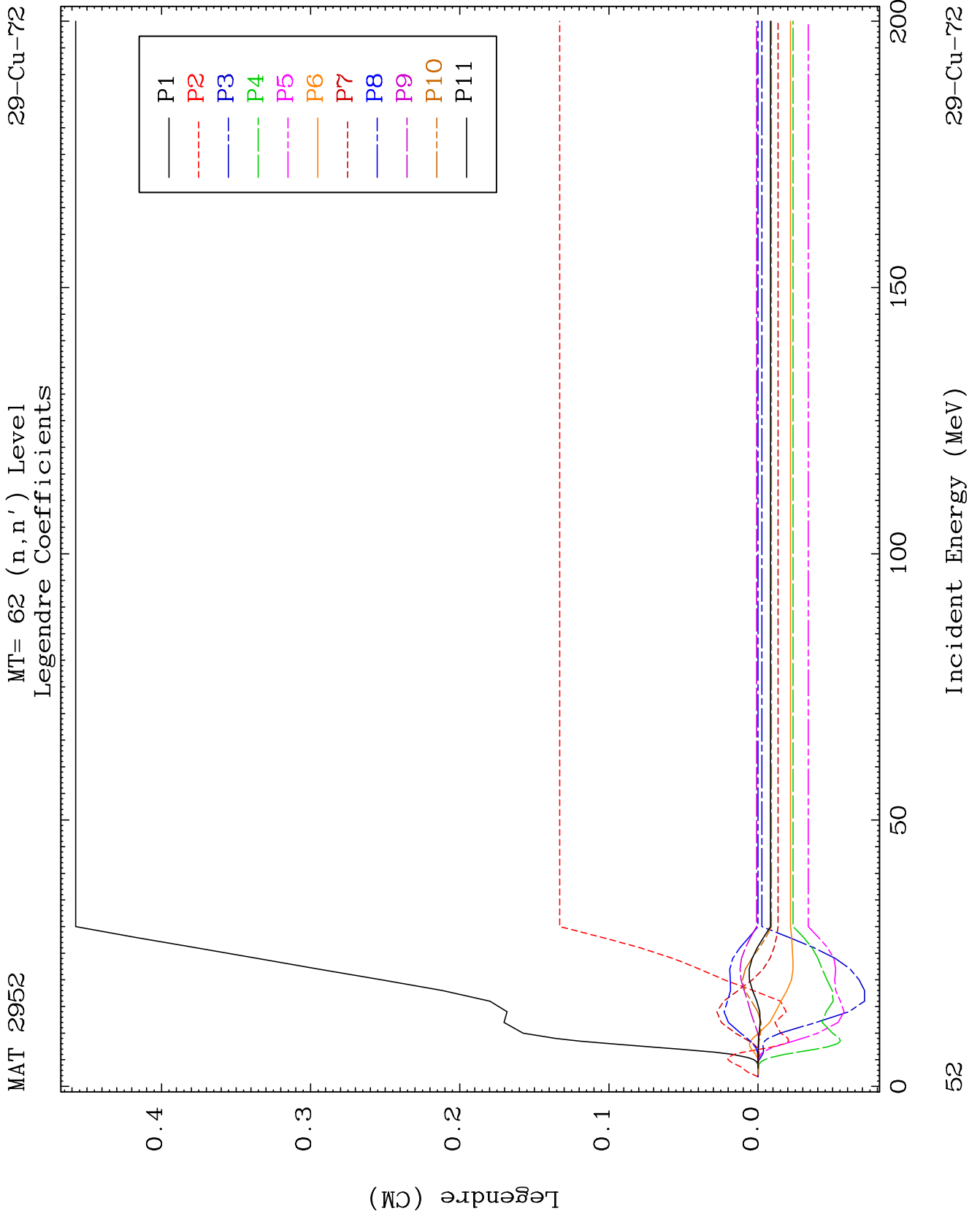
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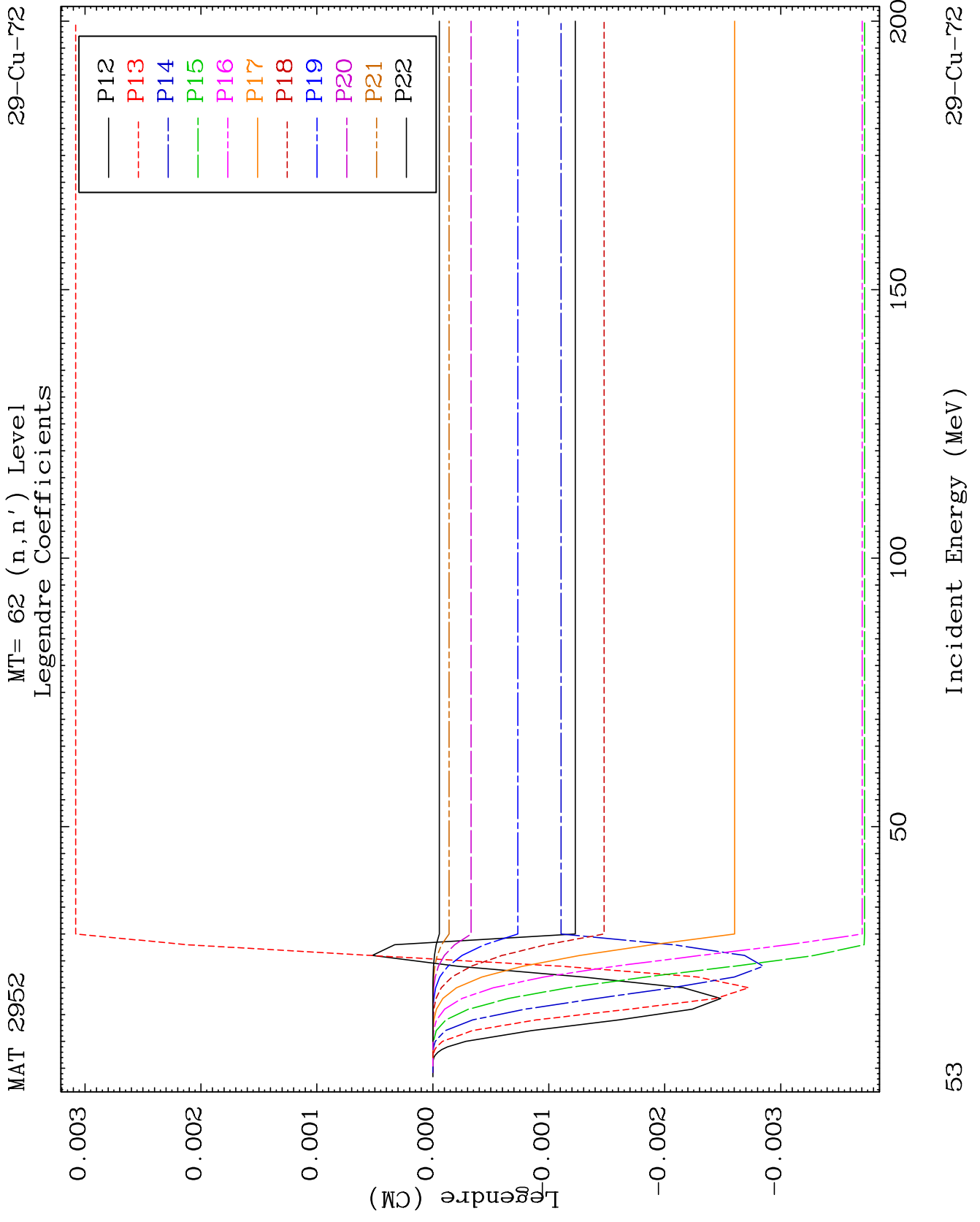
MAT 2952

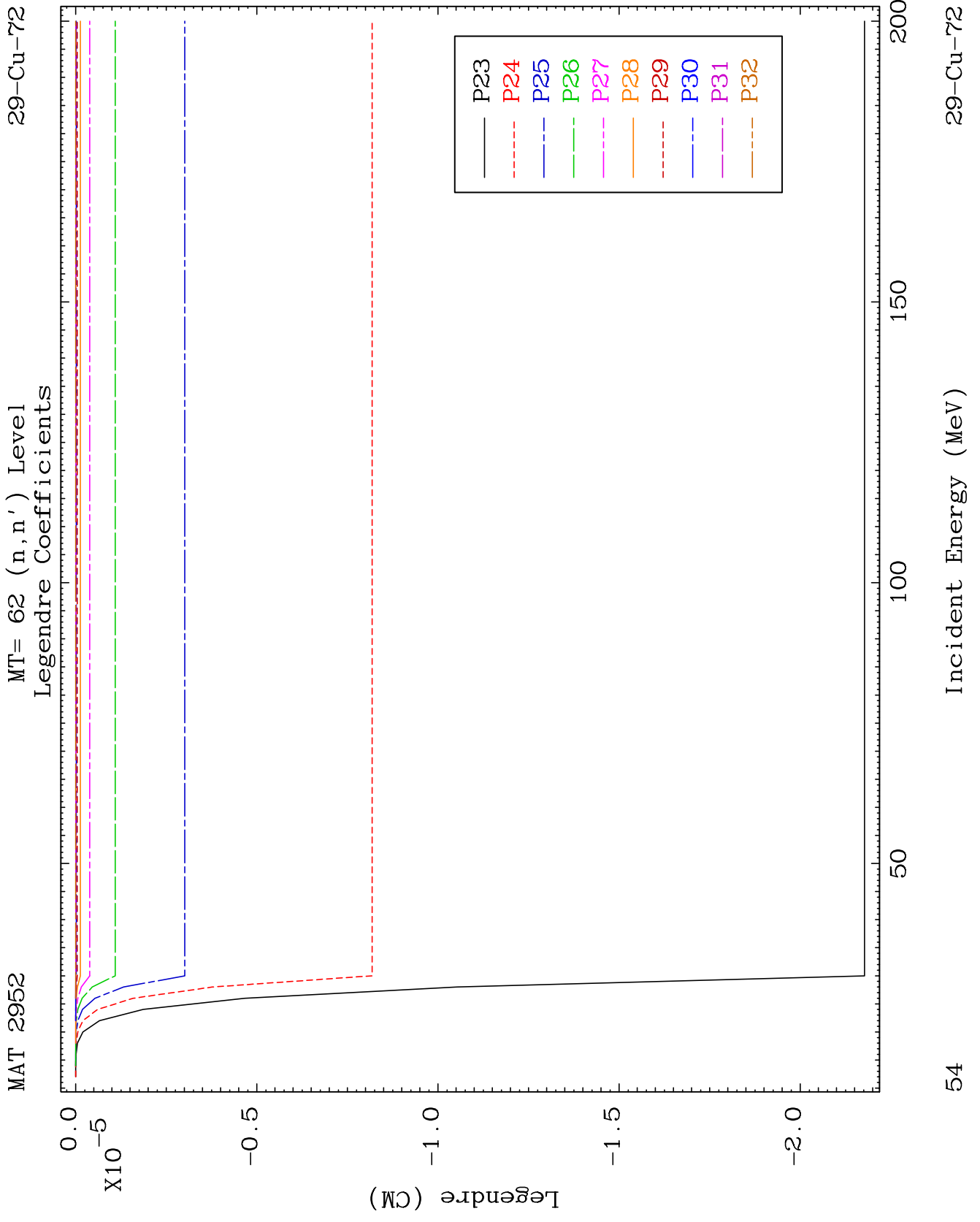
MT= 61 (n,n') Level
Legendre Coefficients

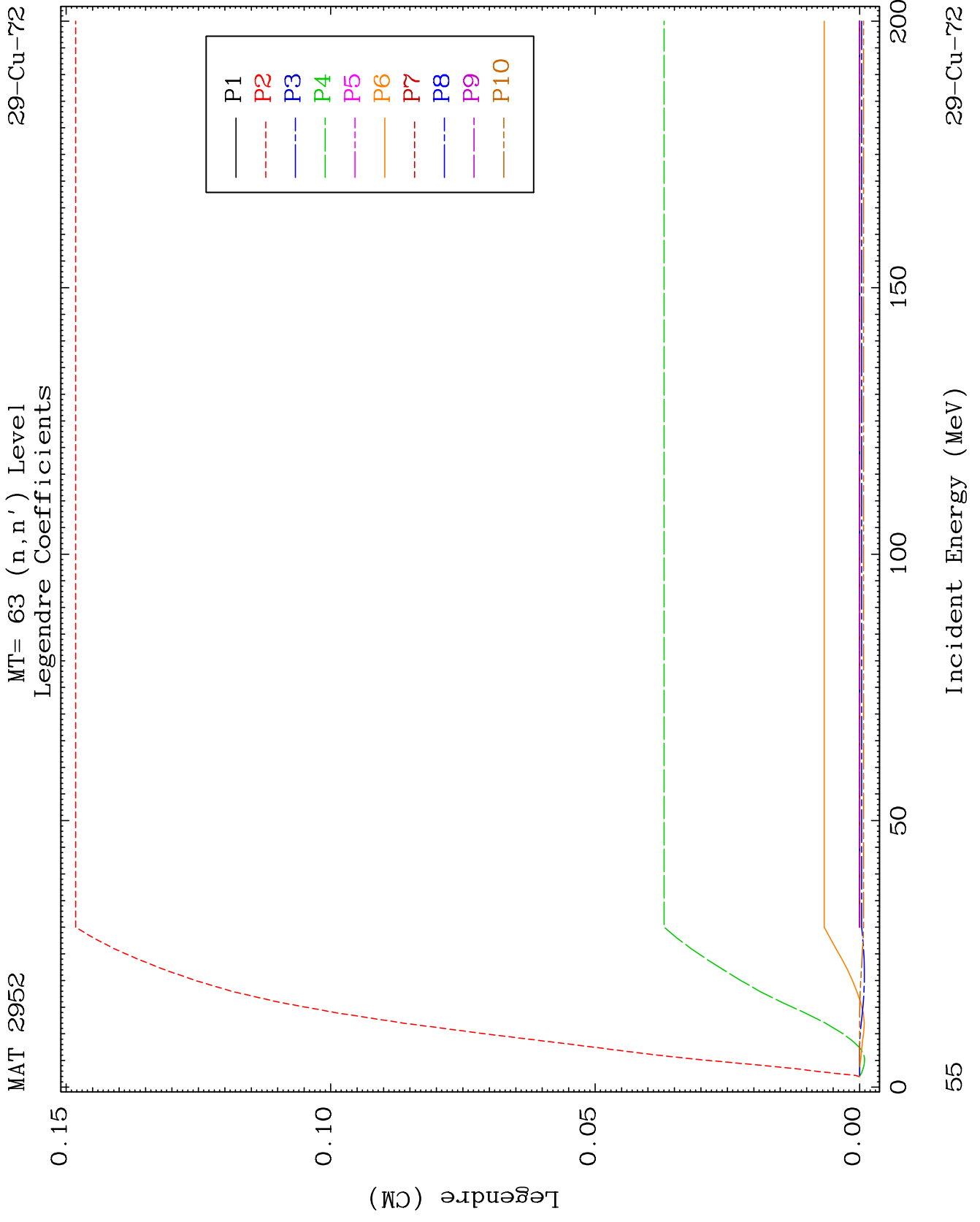
29-Cu-72

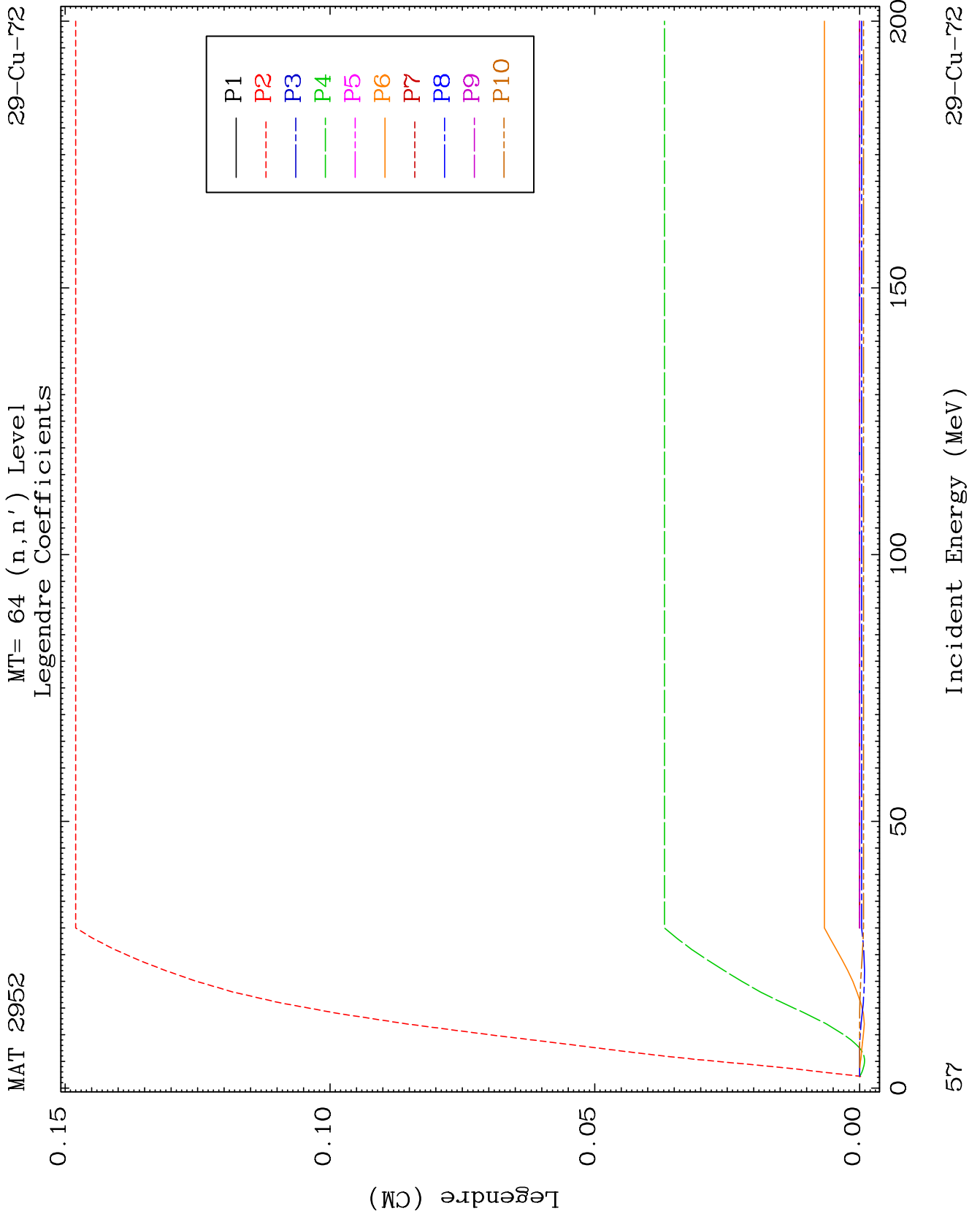








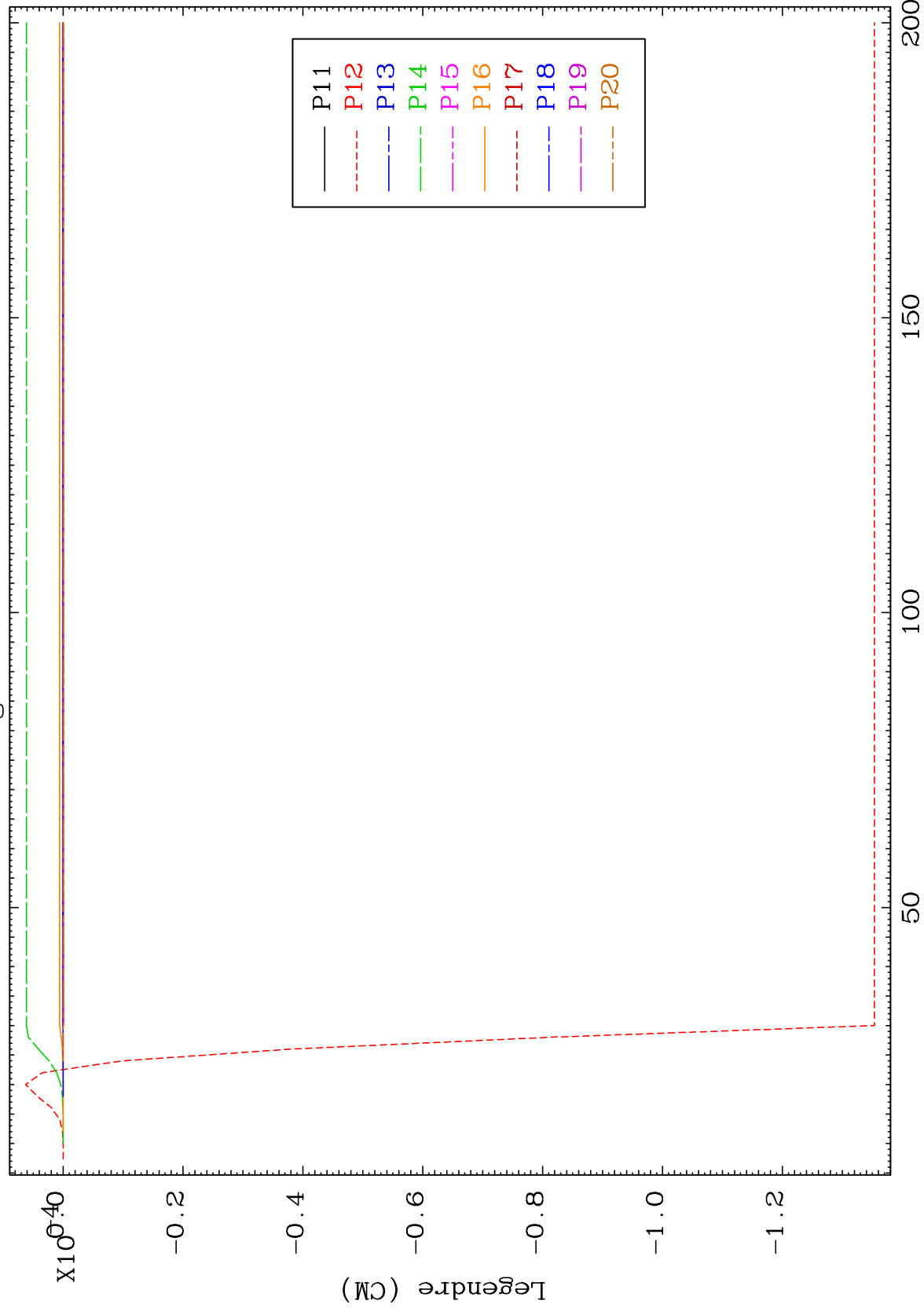


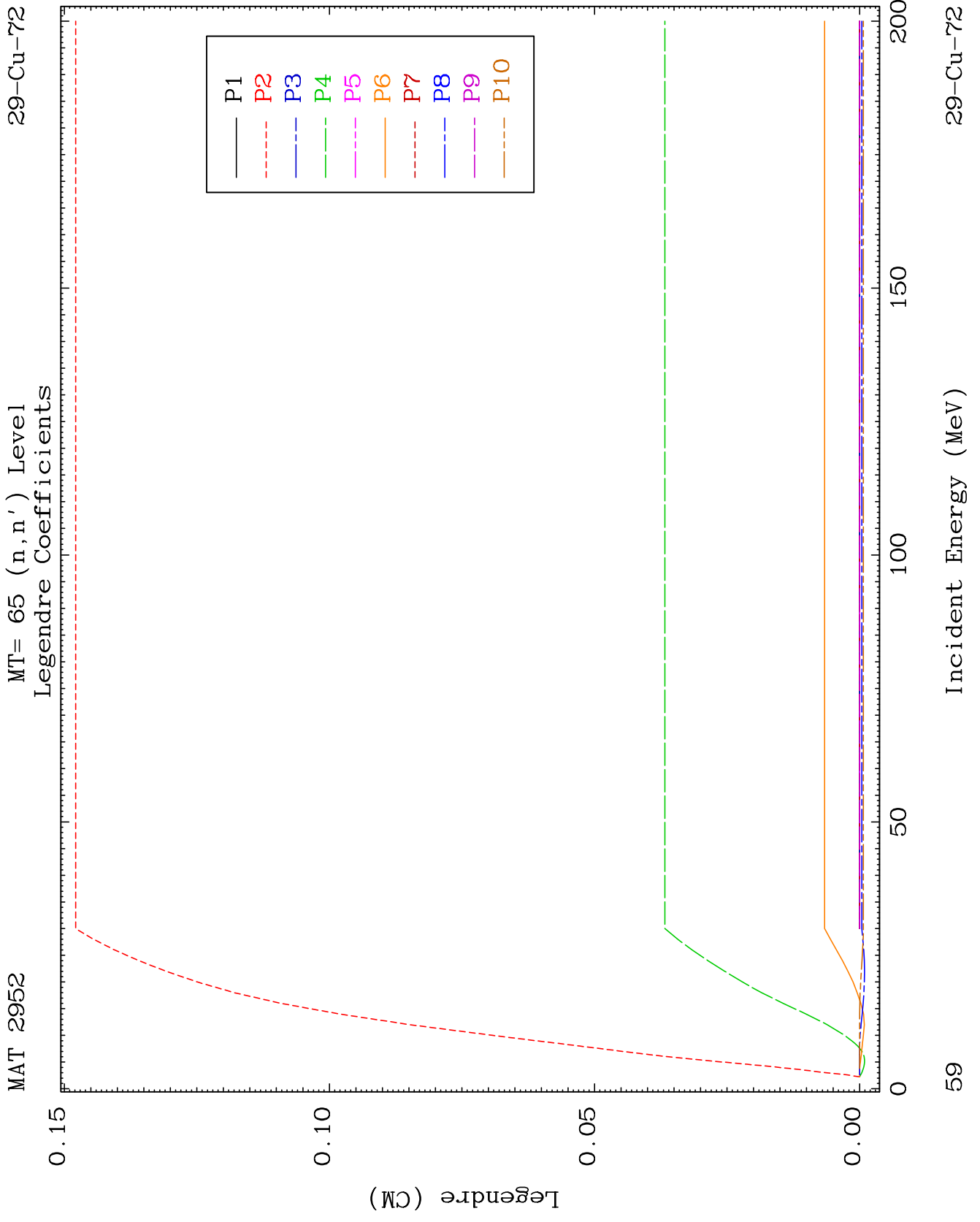


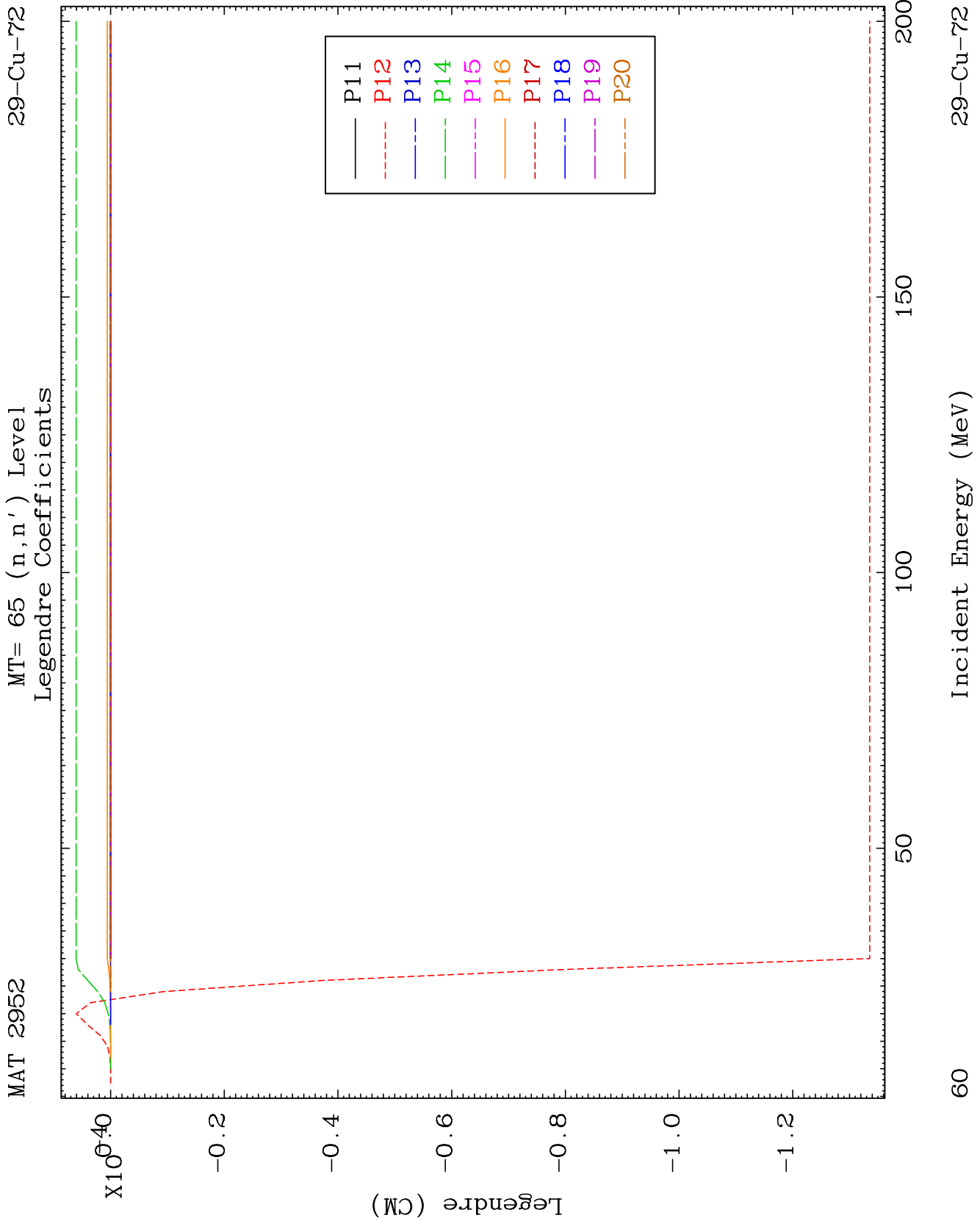
MAT 2952

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

29-Cu-72



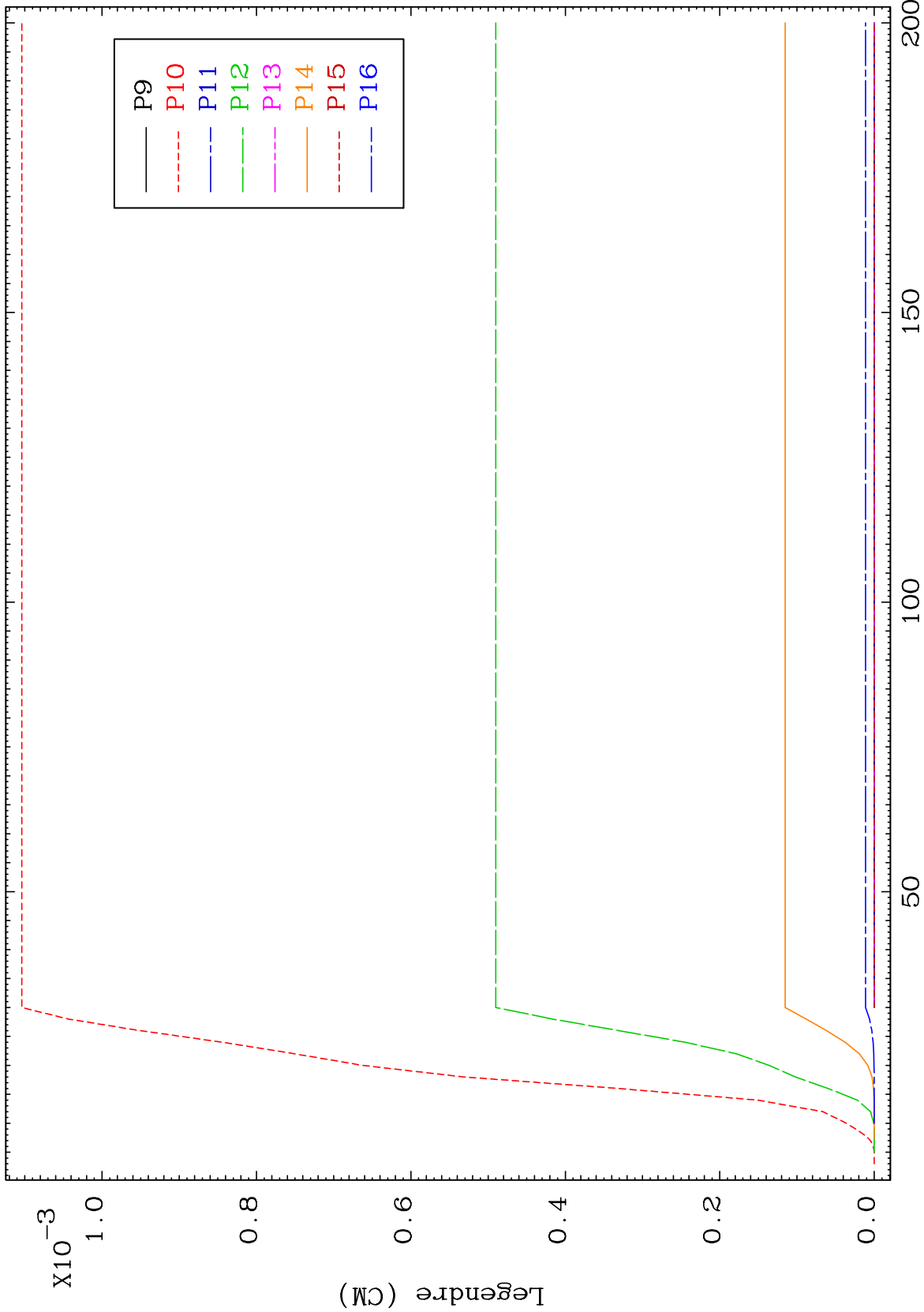




MAT 2952

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

29-Cu-72



62

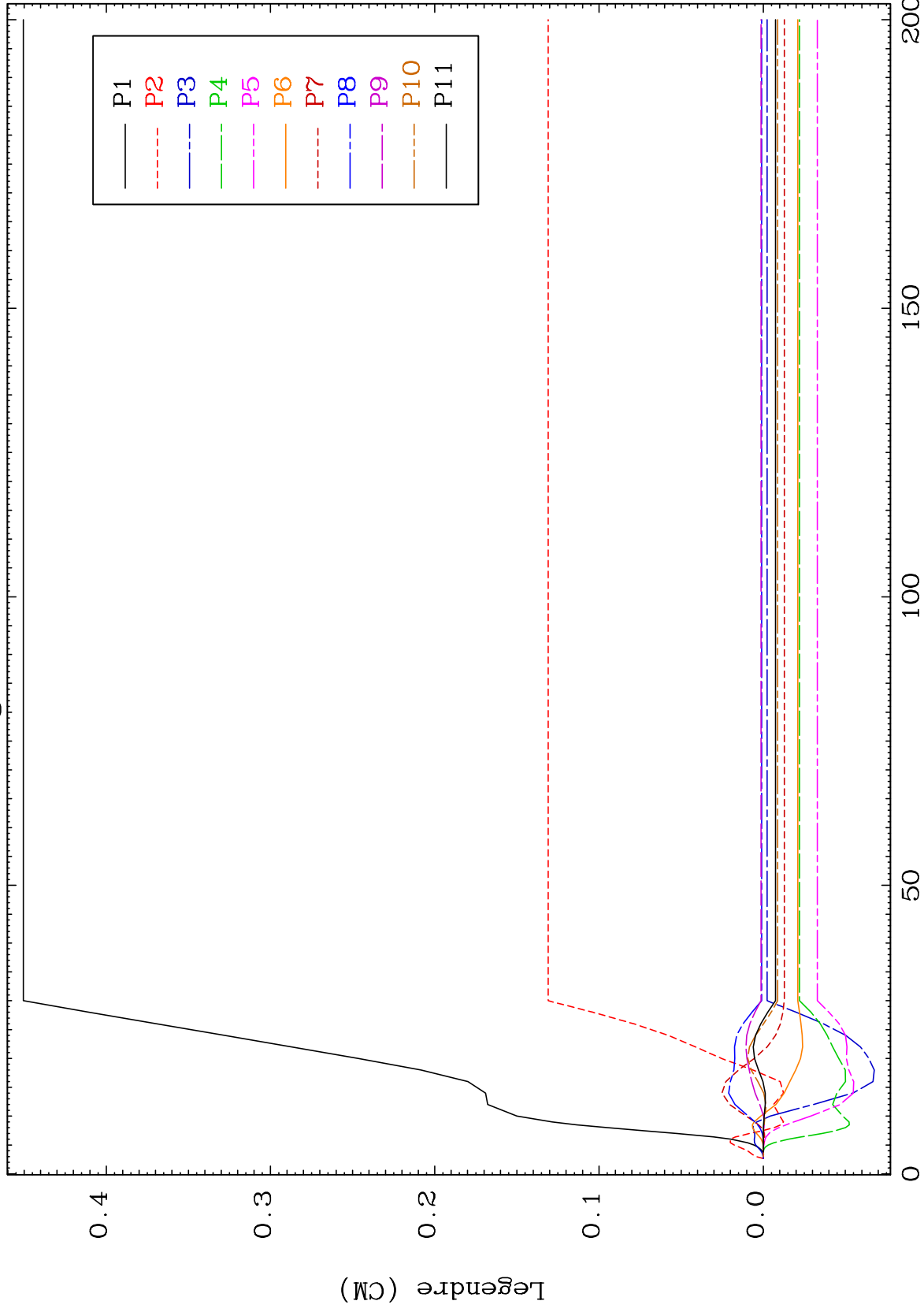
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

29-Cu-72



64

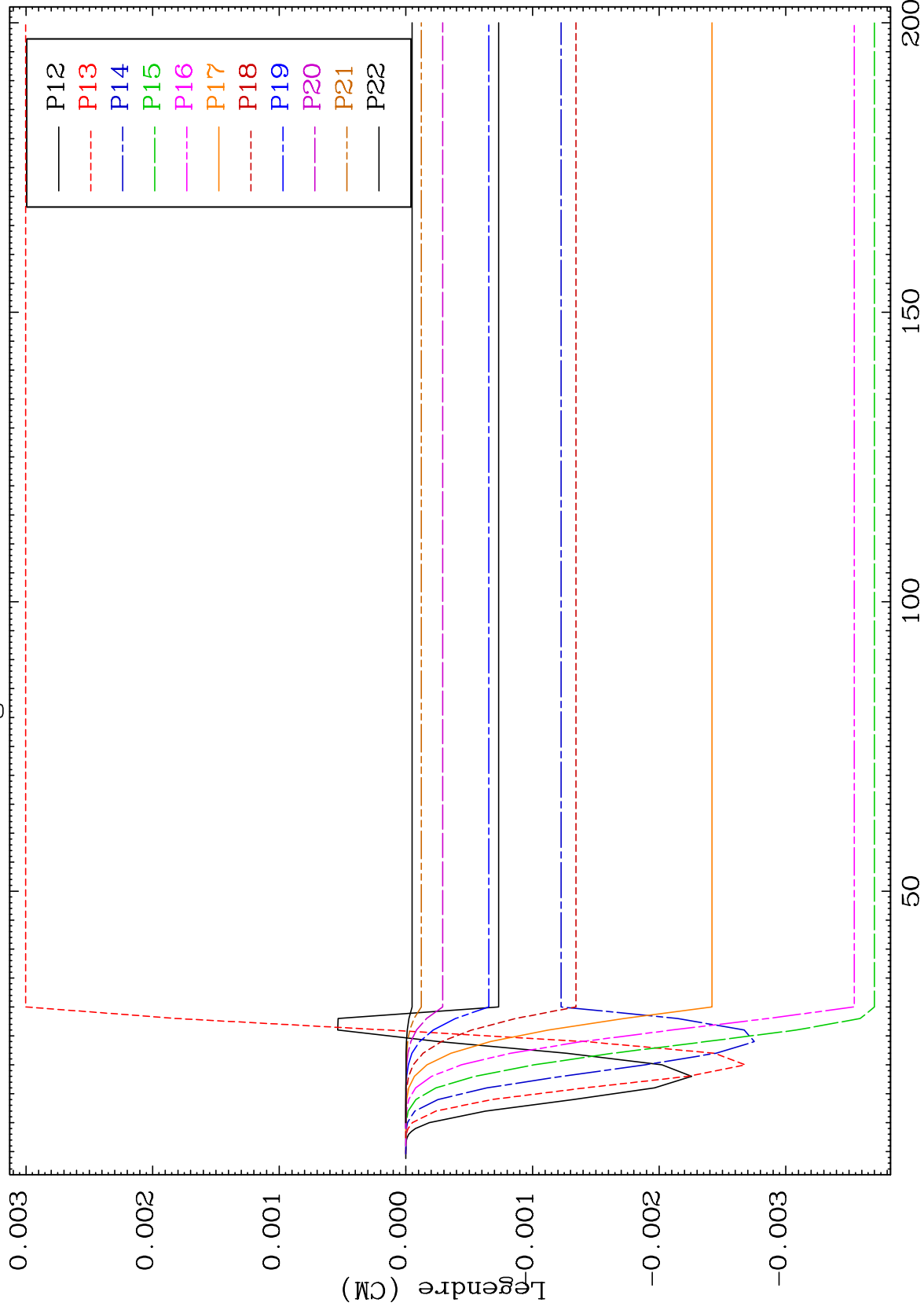
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

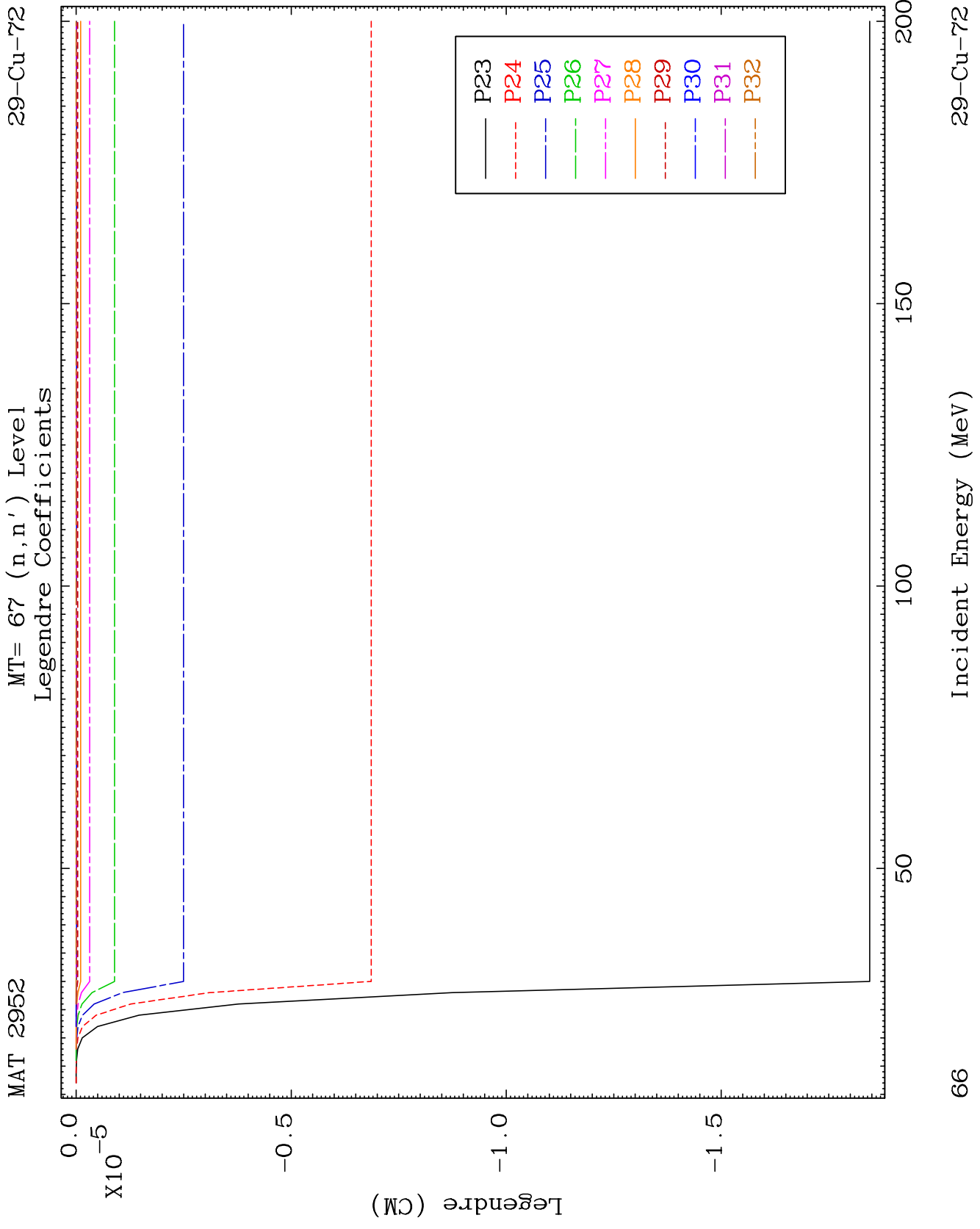
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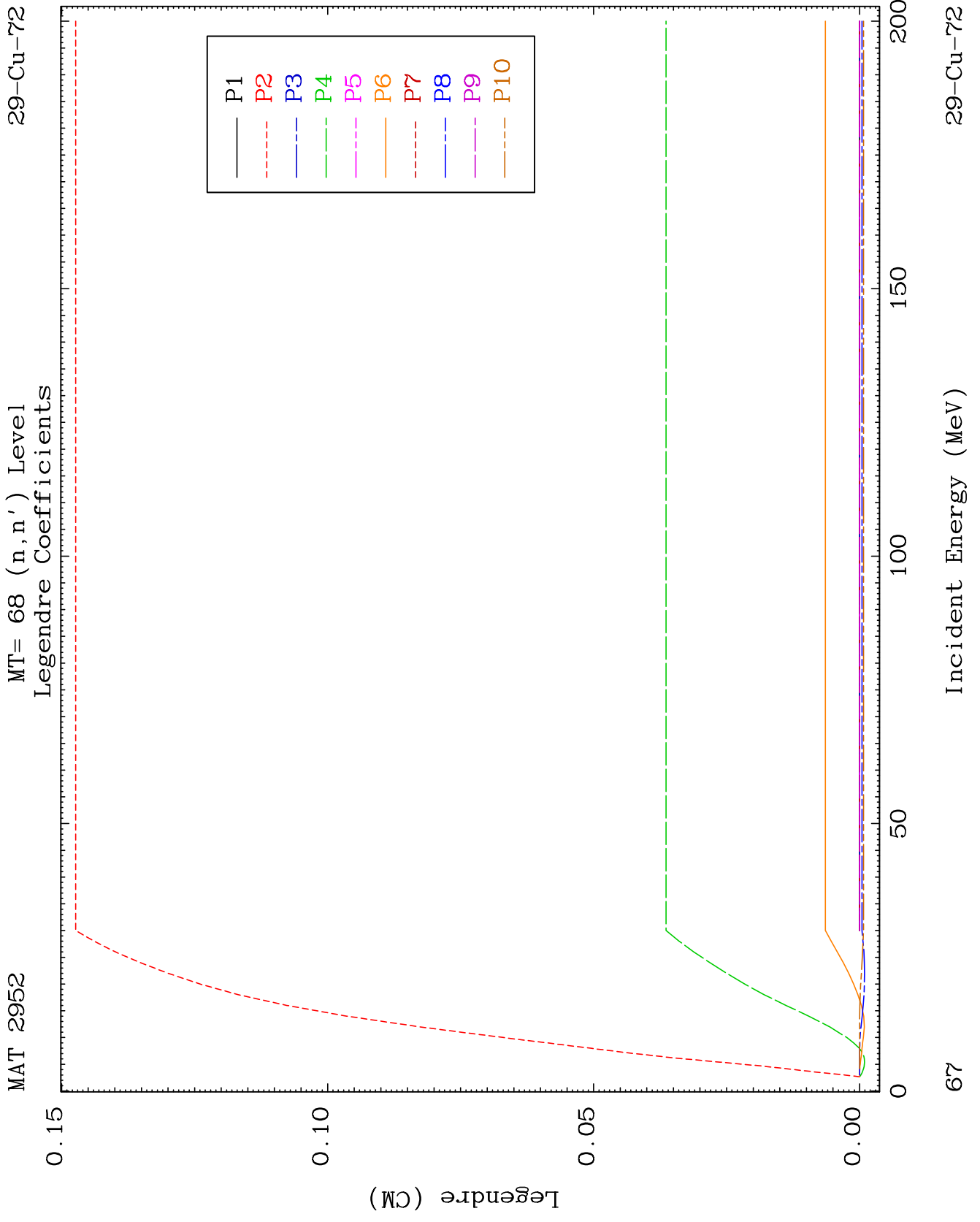


65

Incident Energy (MeV)

29-Cu-72

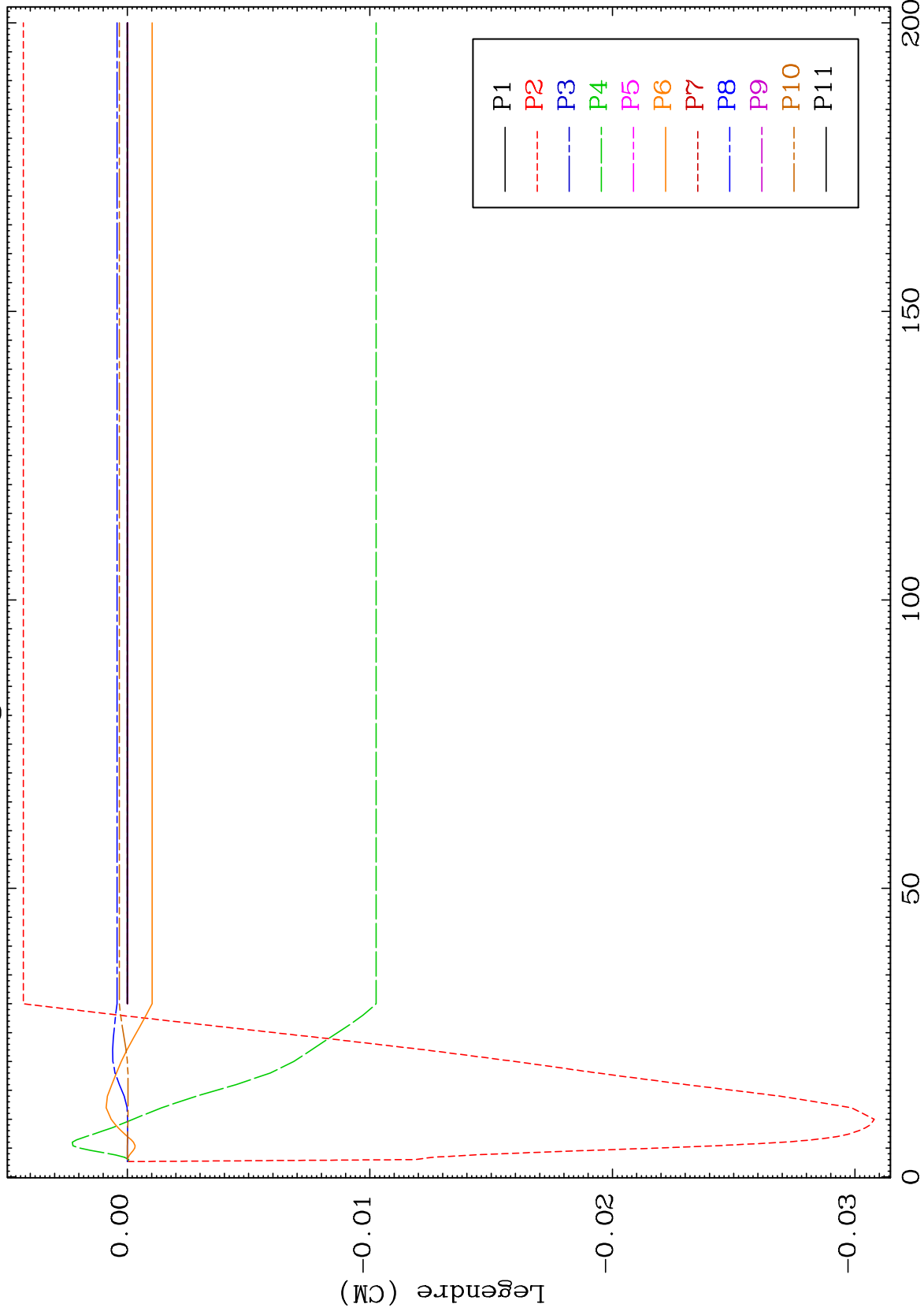




MAT 2952

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

29-Cu-72



69

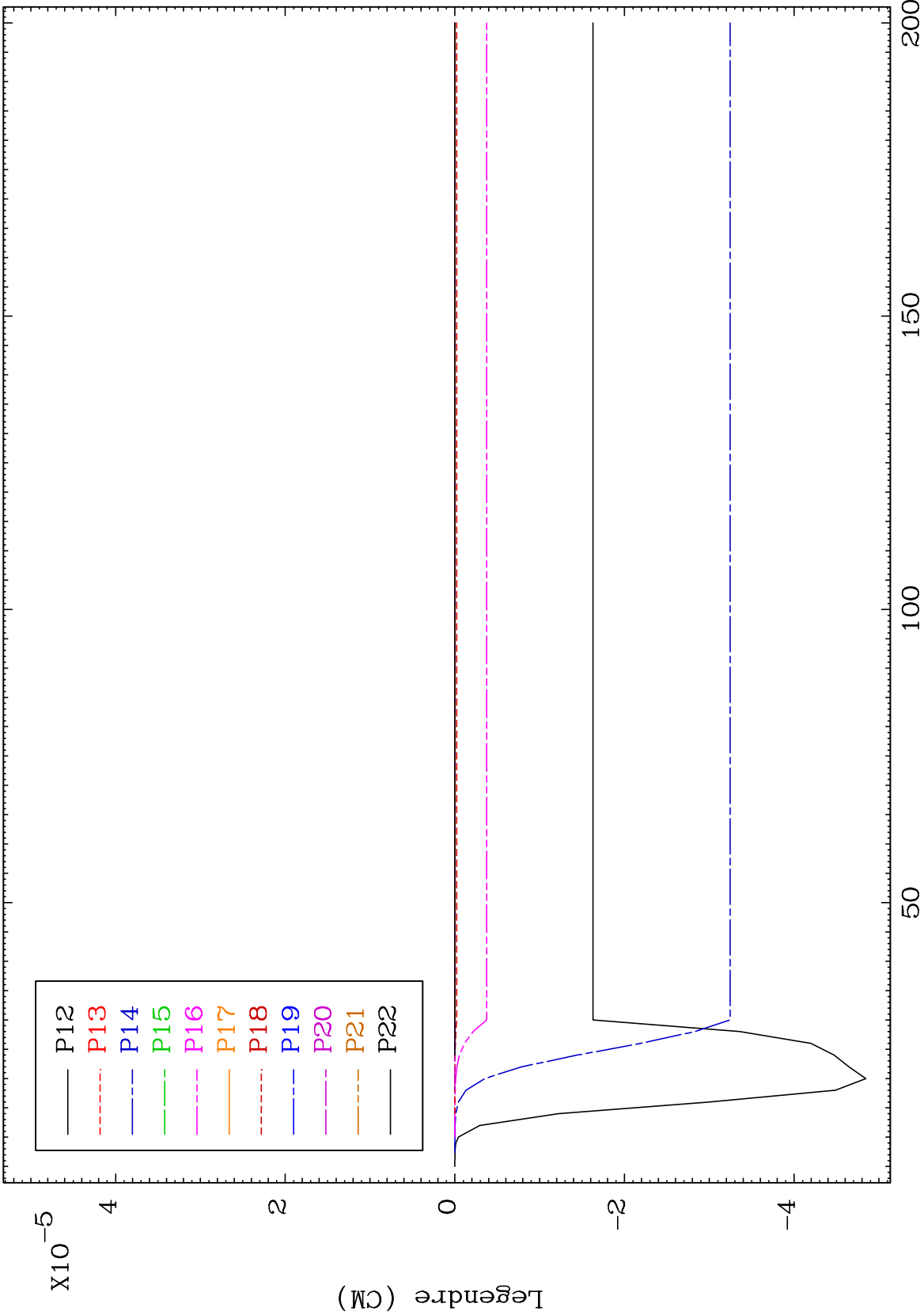
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

29-Cu-72



70

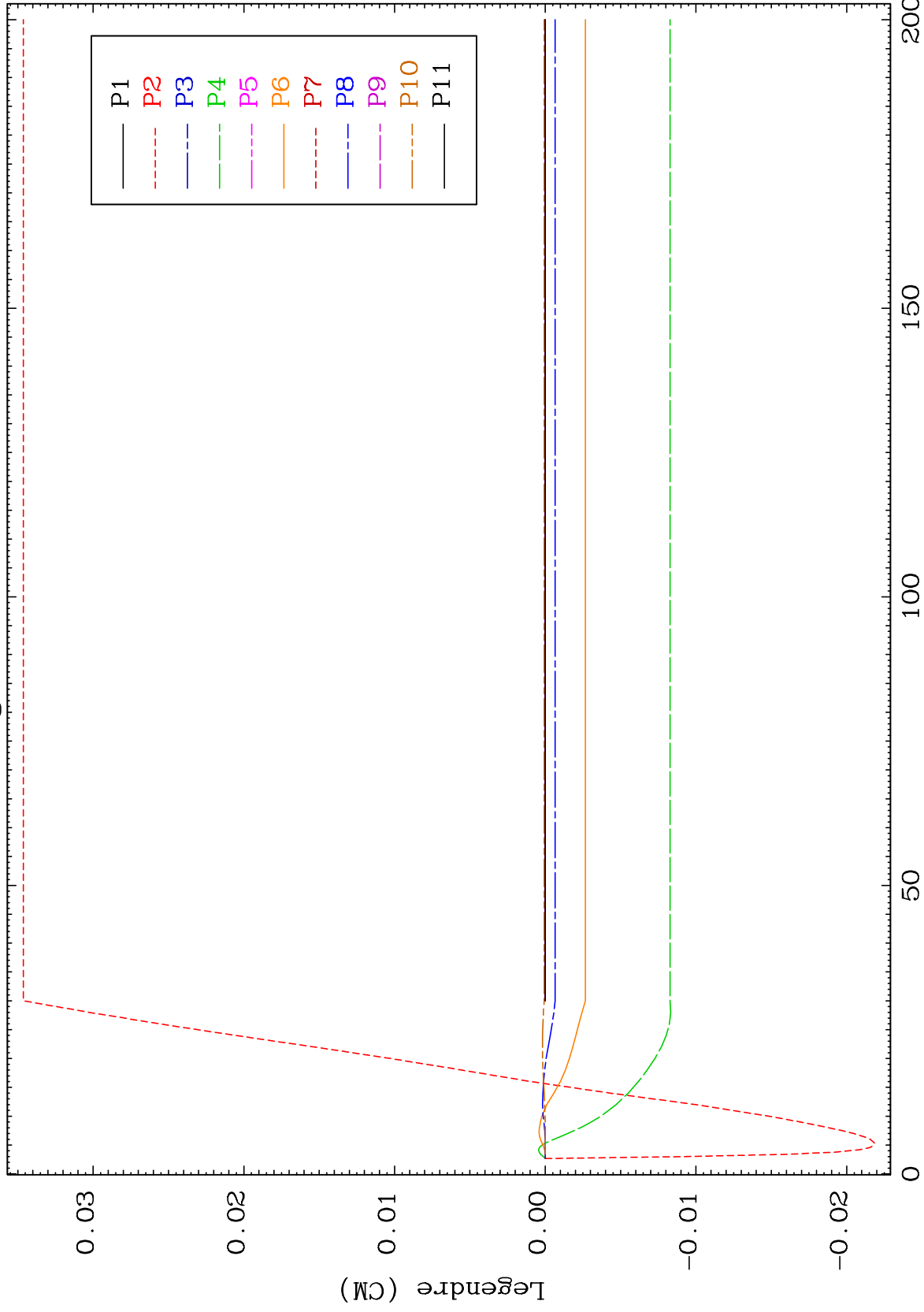
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

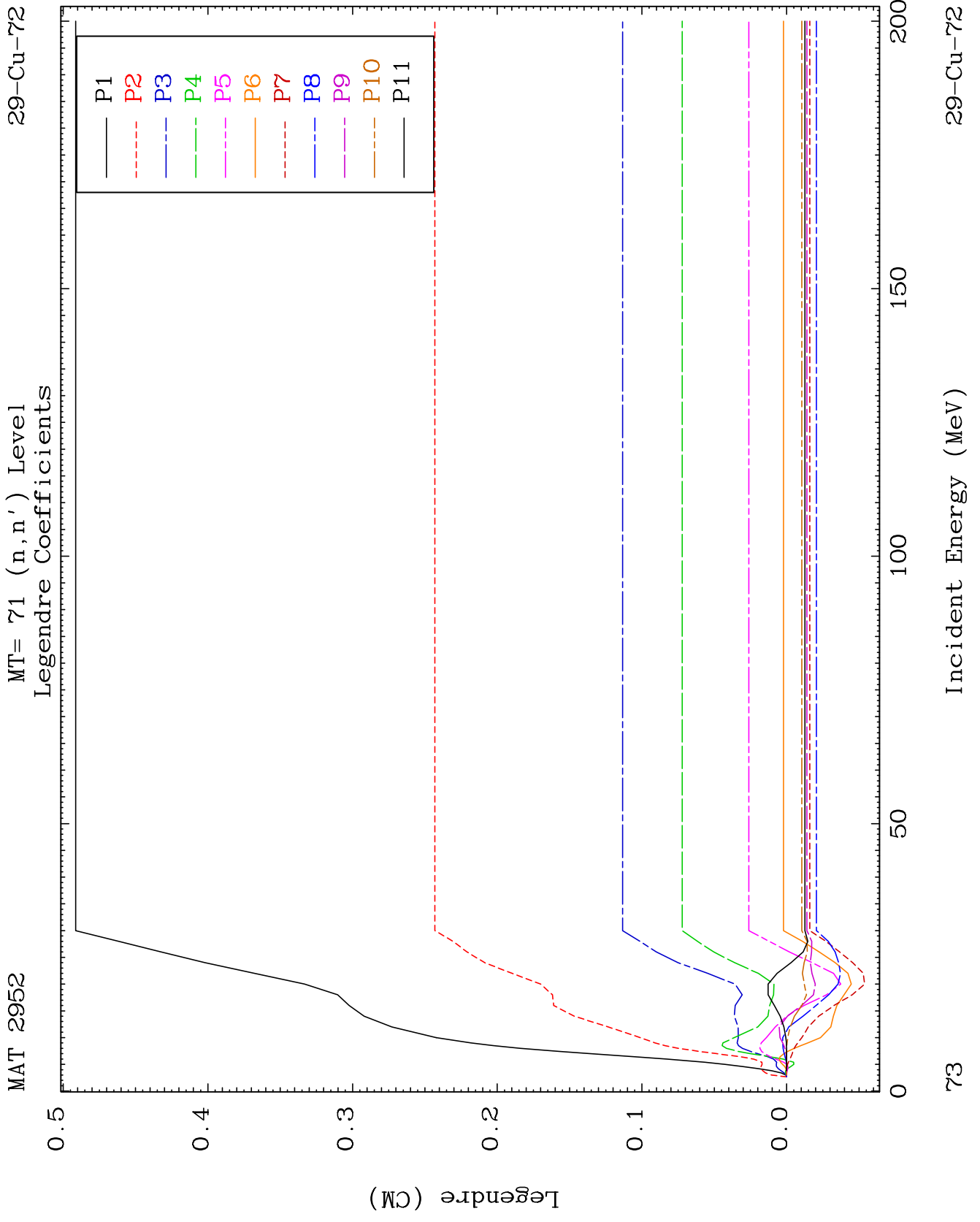
29-Cu-72



71

Incident Energy (MeV)

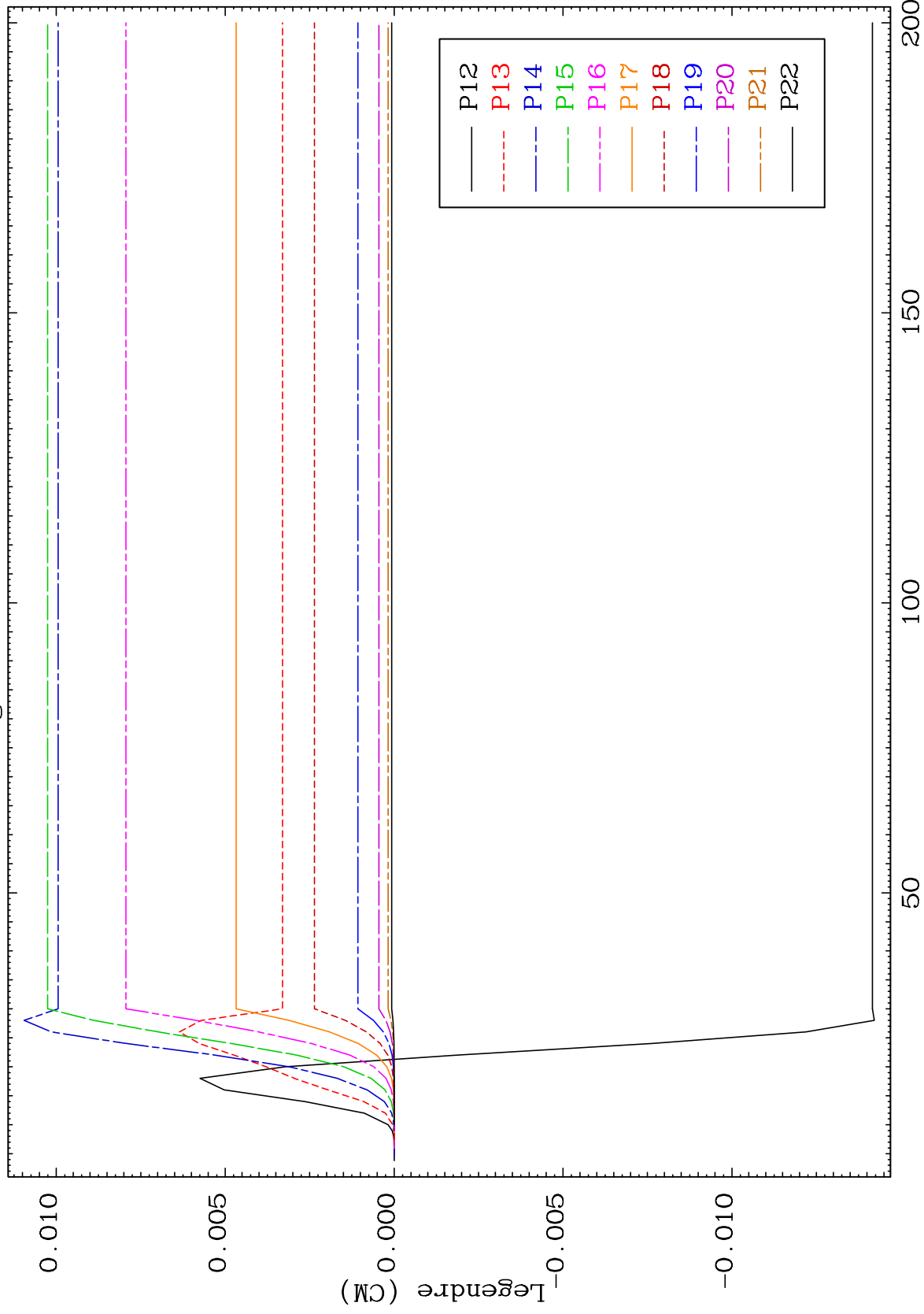
29-Cu-72



MAT 2952

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

29-Cu-72



74

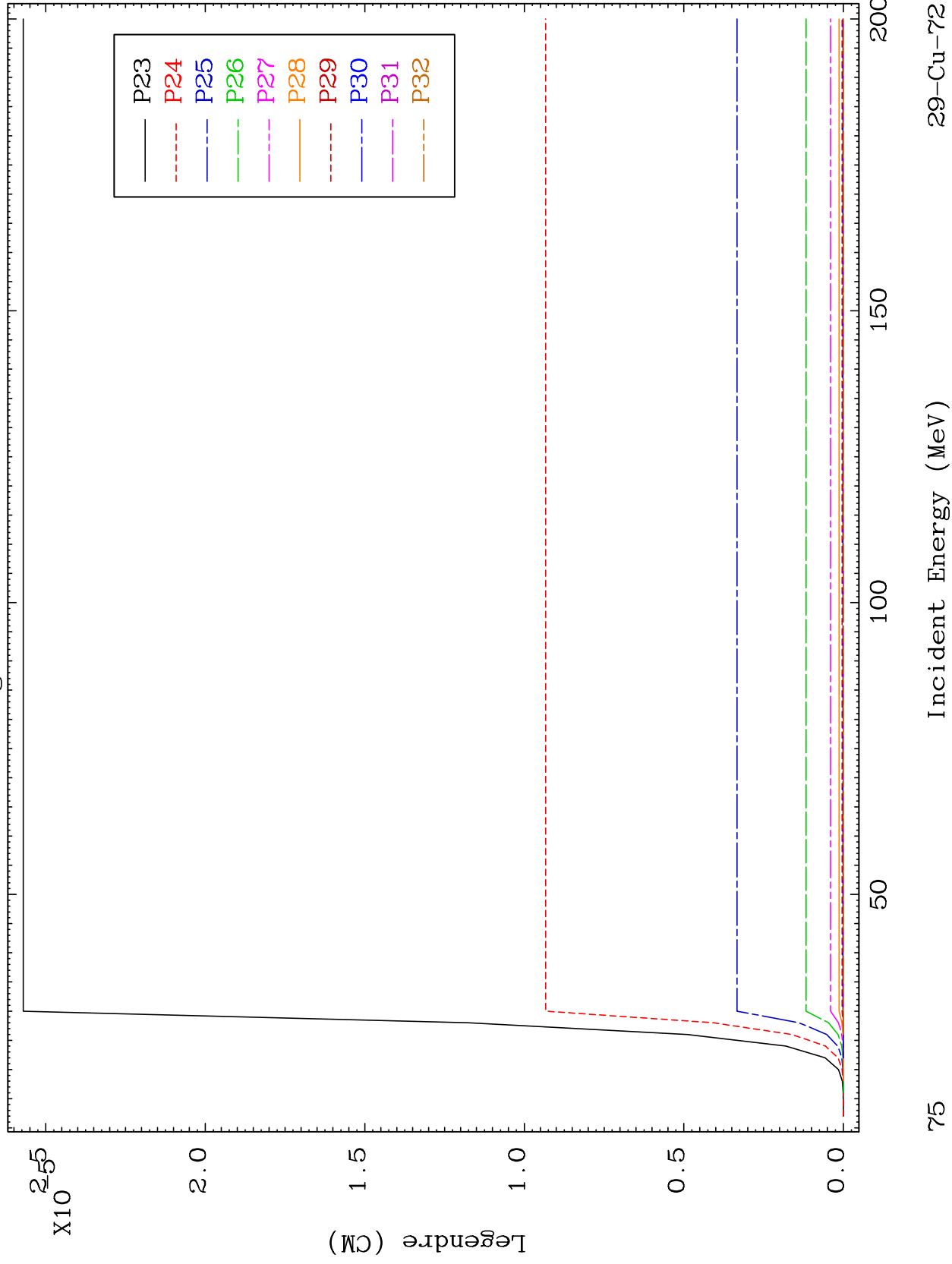
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

29-Cu-72



75

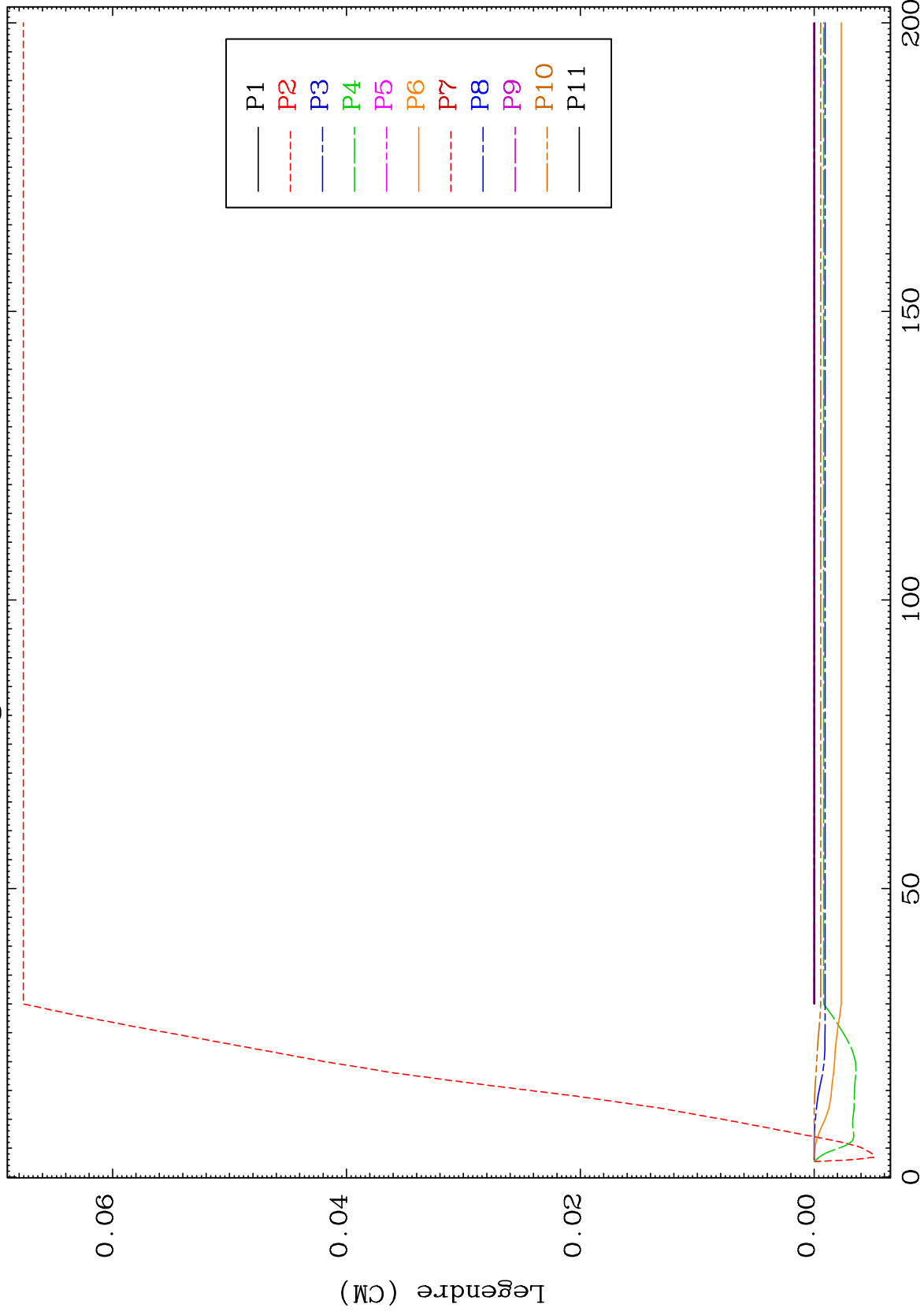
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

29-Cu-72



76

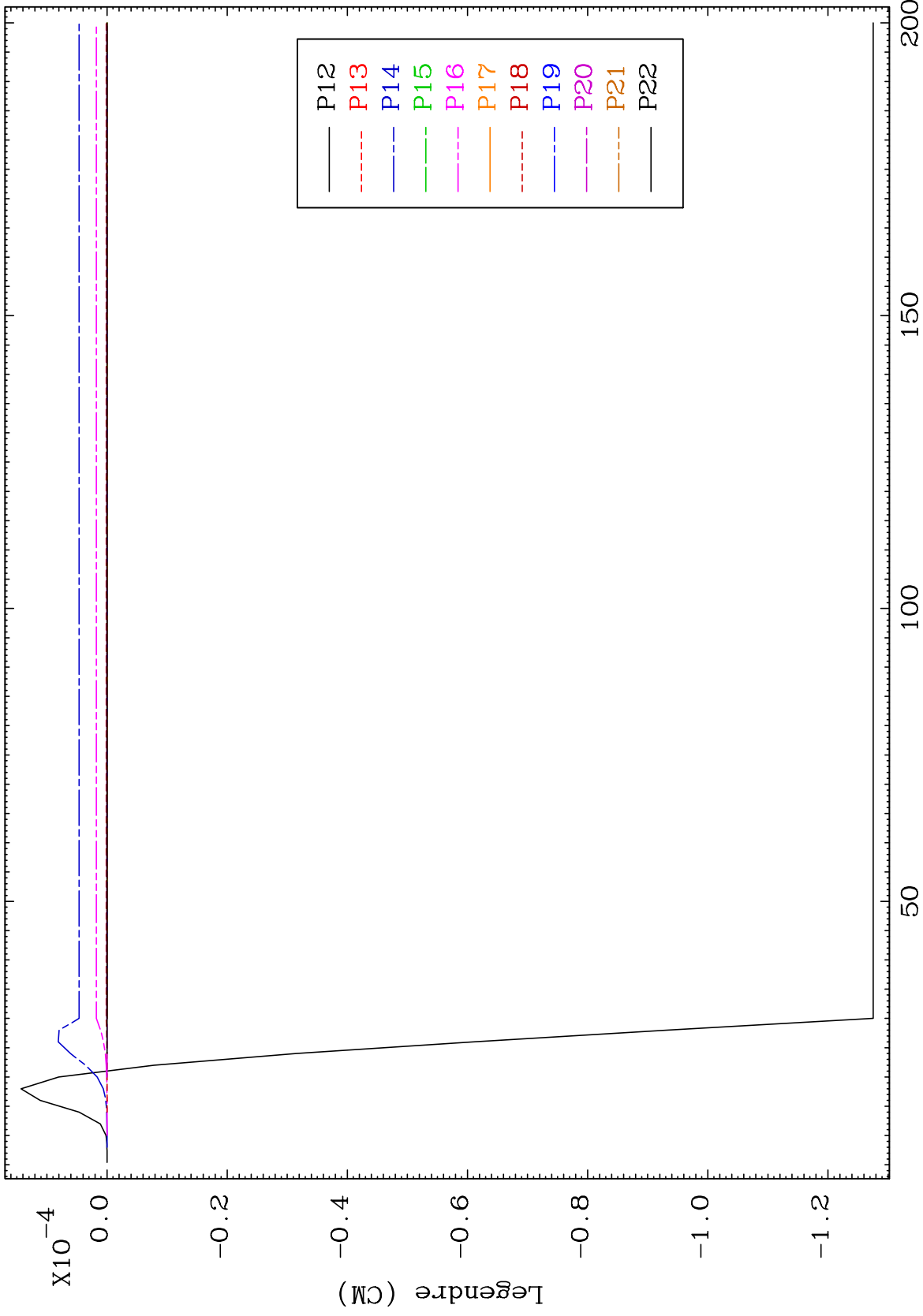
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

29-Cu-72



77

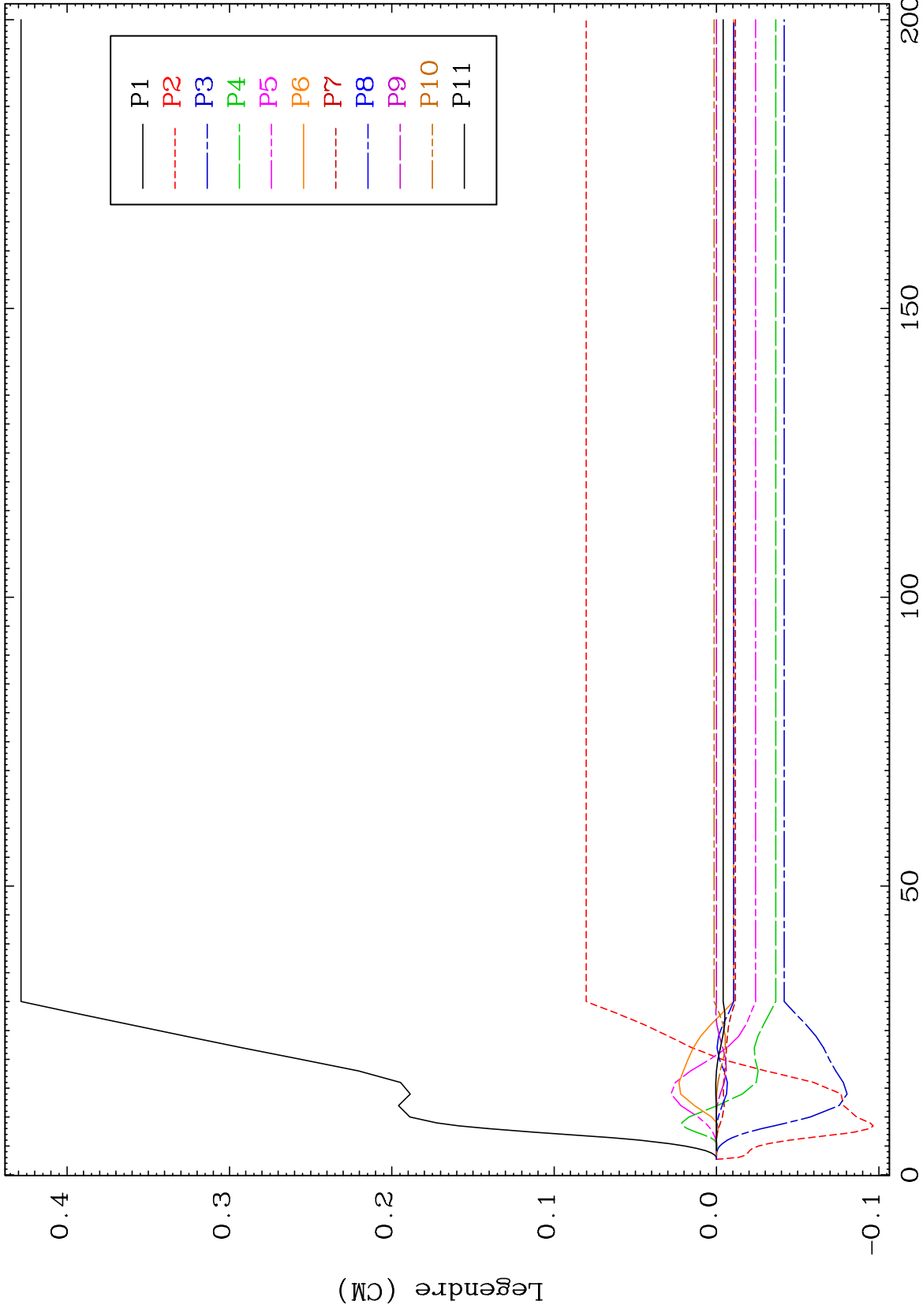
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

29-Cu-72



78

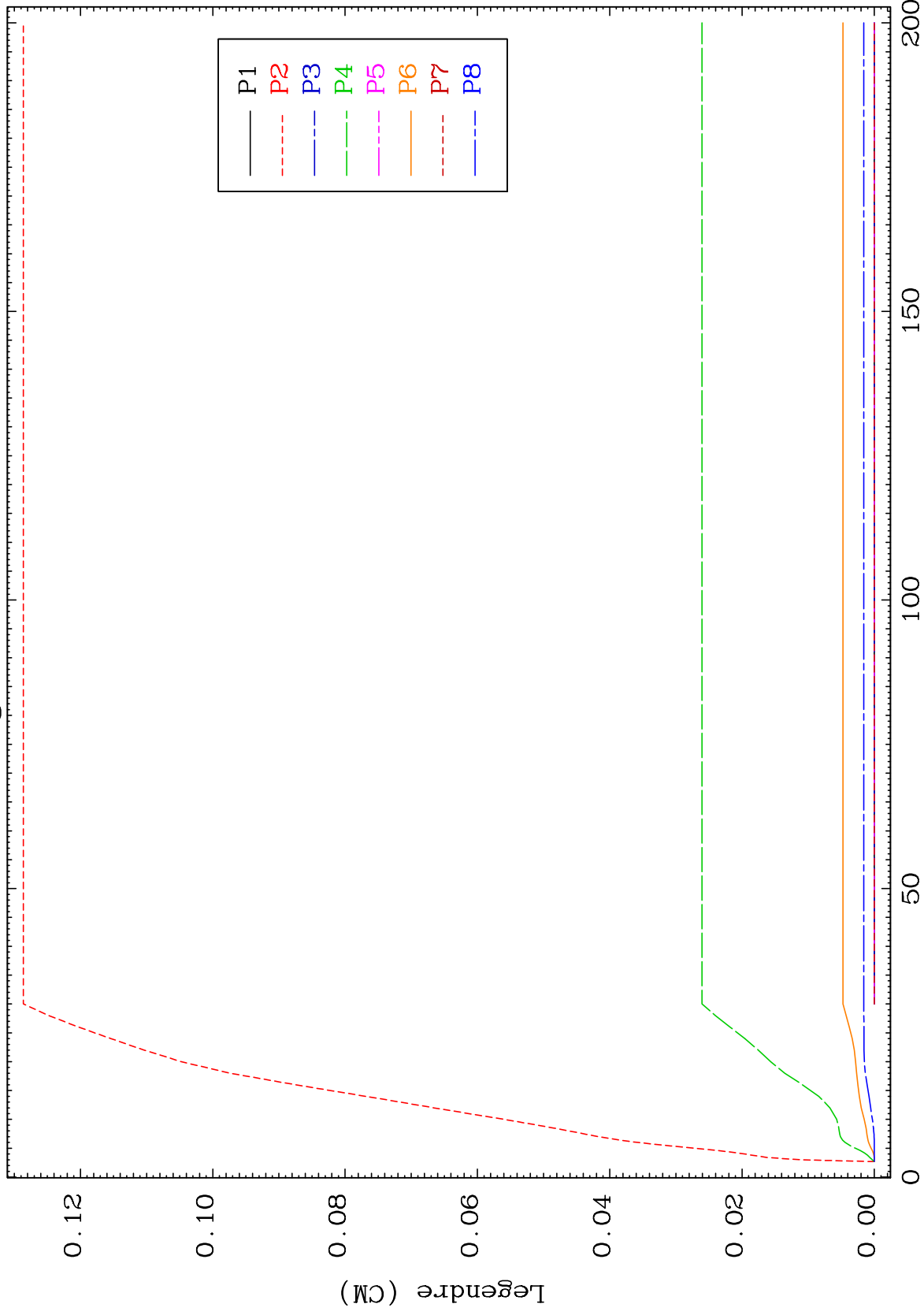
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

29-Cu-72



81

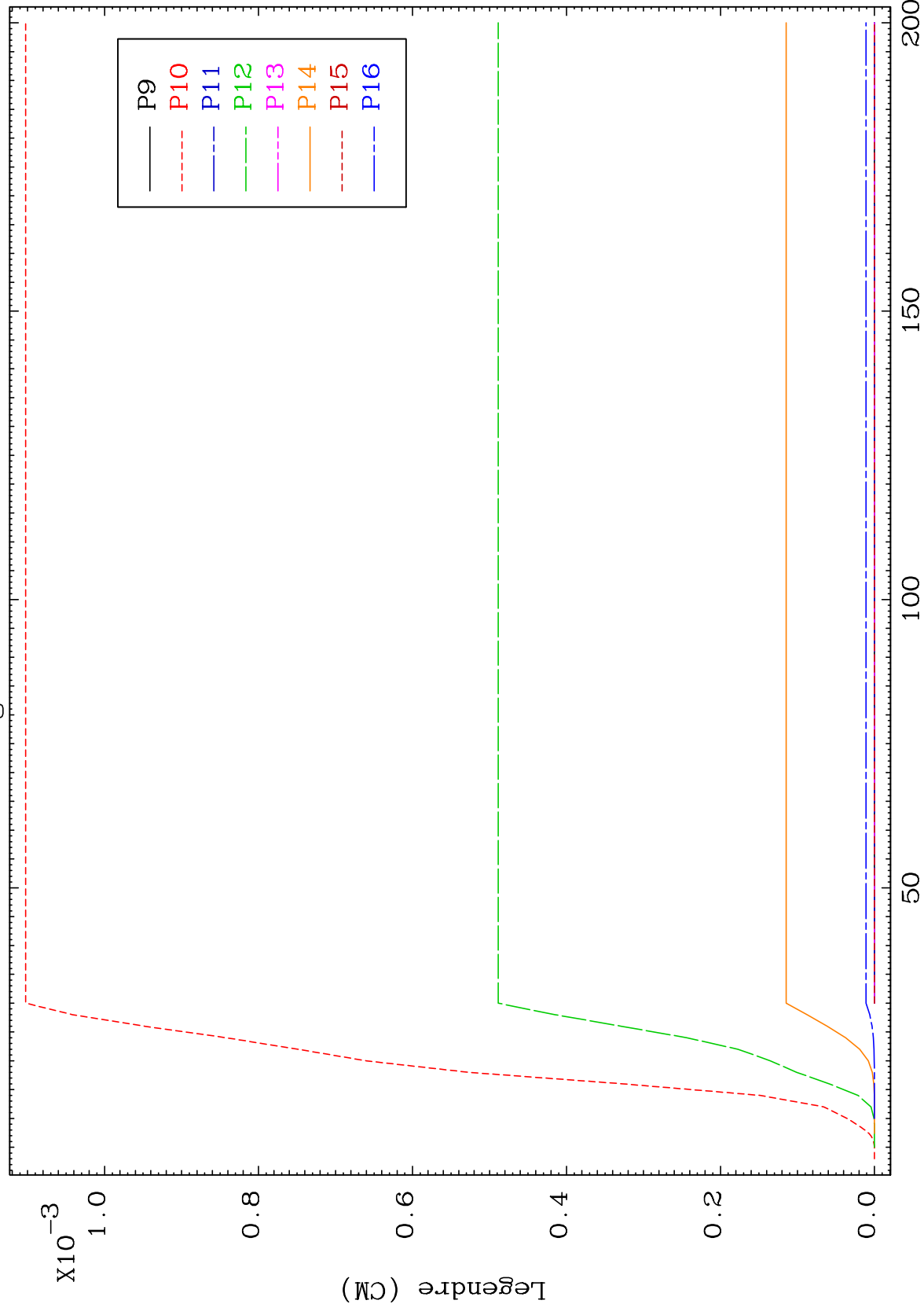
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

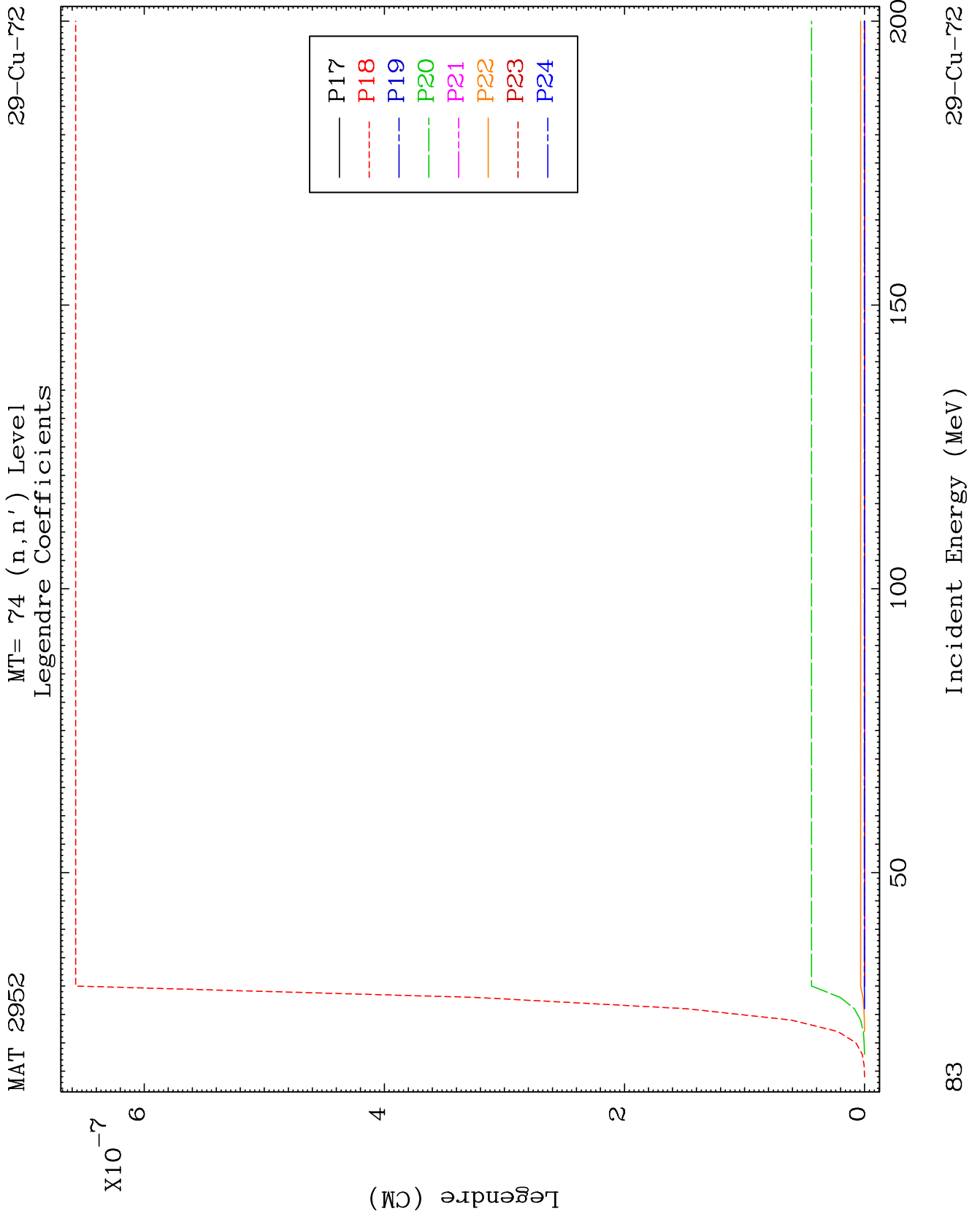
29-Cu-72



82

Incident Energy (MeV)

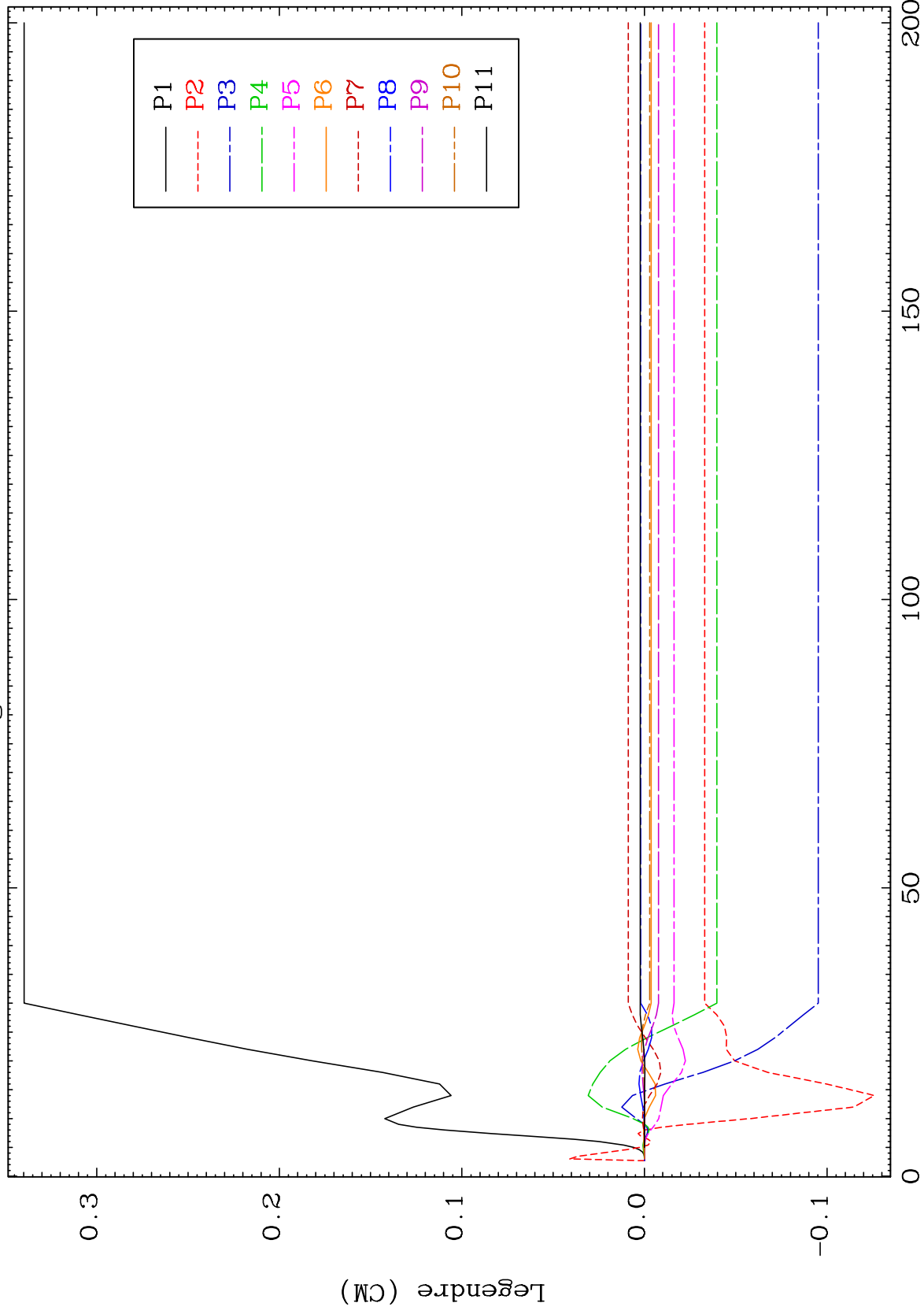
29-Cu-72



MAT 2952

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

29-Cu-72



84

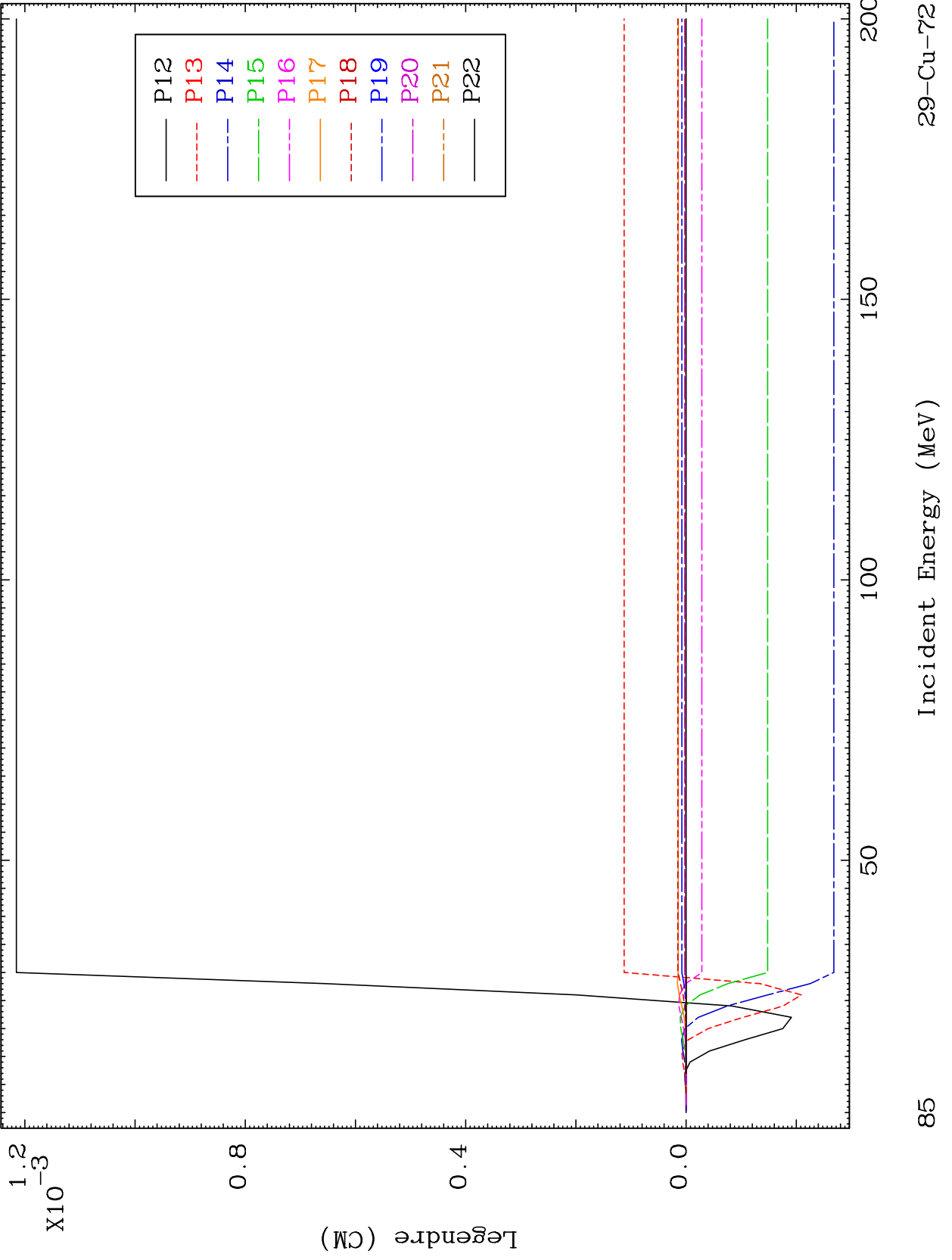
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

29-Cu-72



85

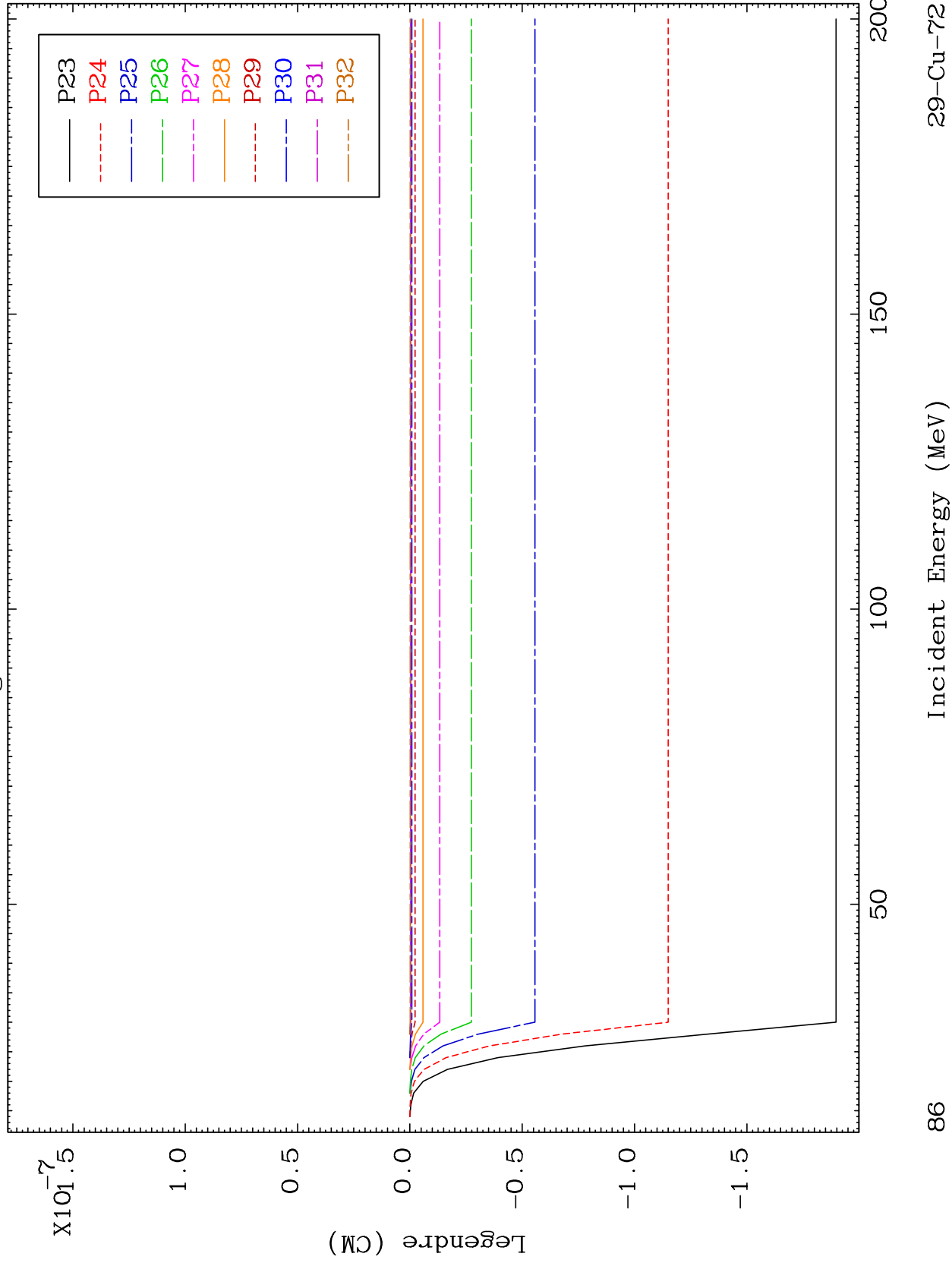
Incident Energy (MeV)

29-Cu-72

MAT 2952

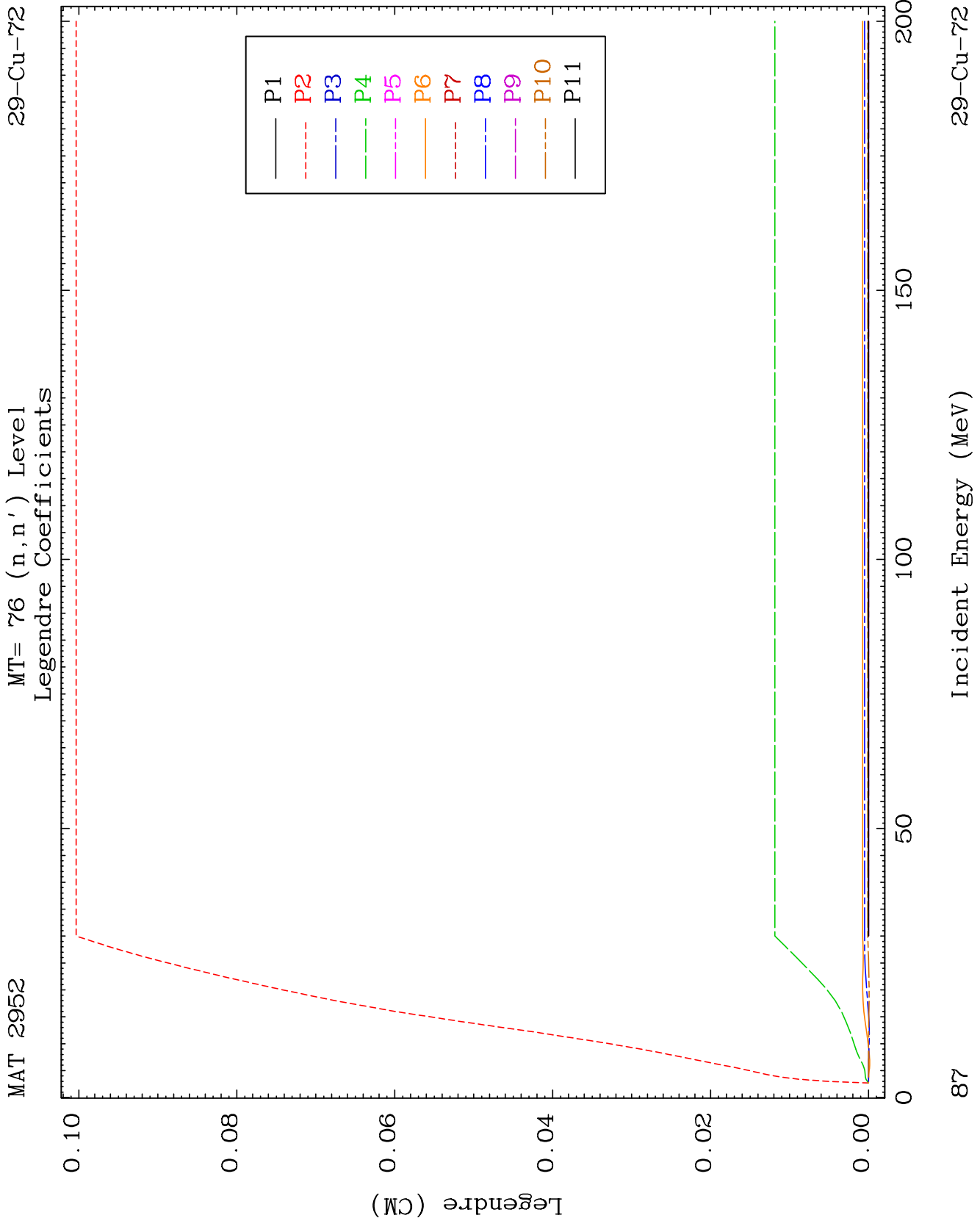
MT= 75 (n,n') Level
Legendre Coefficients

29-Cu-72



86

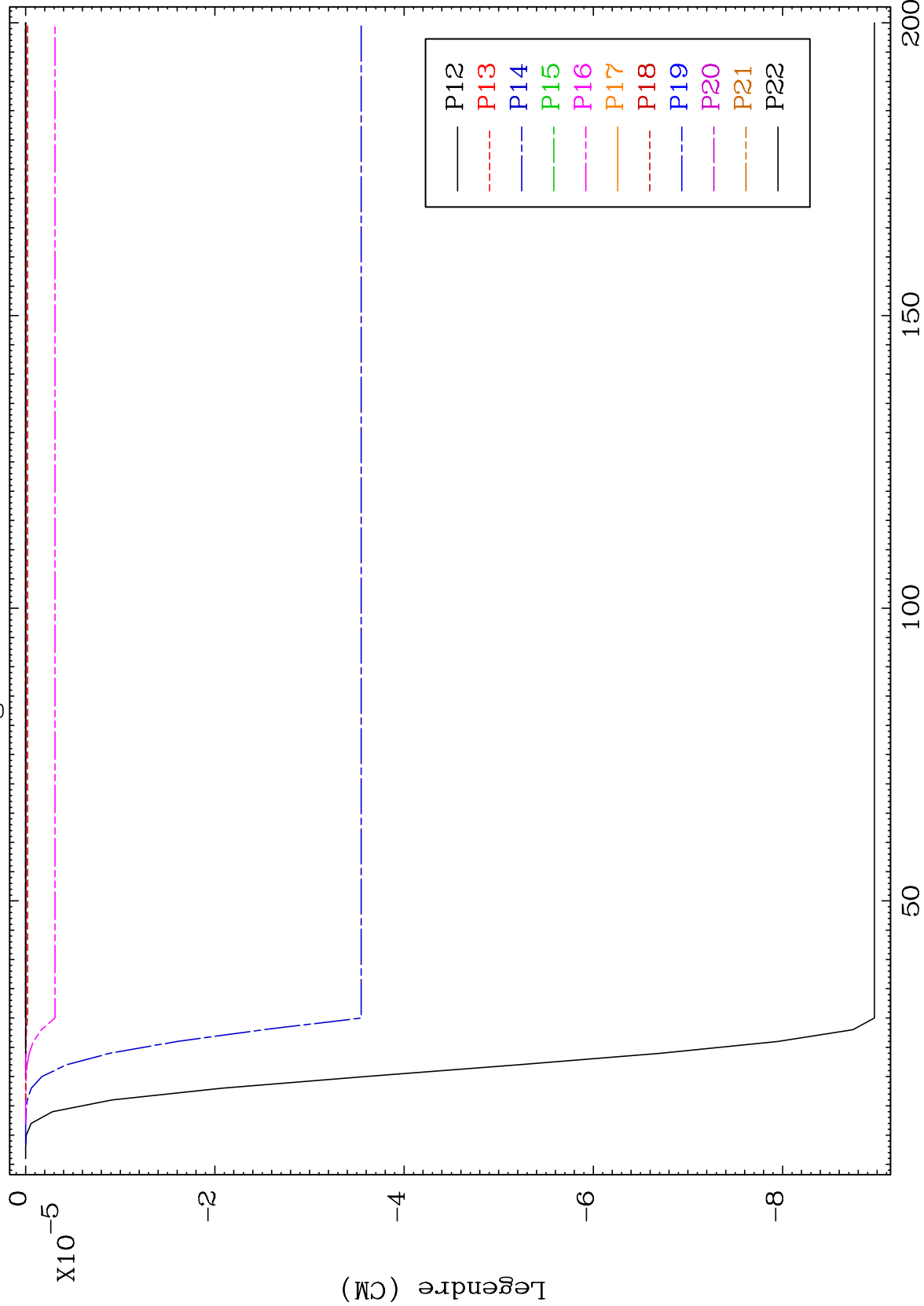
29-Cu-72



MAT 2952

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

29-Cu-72



88

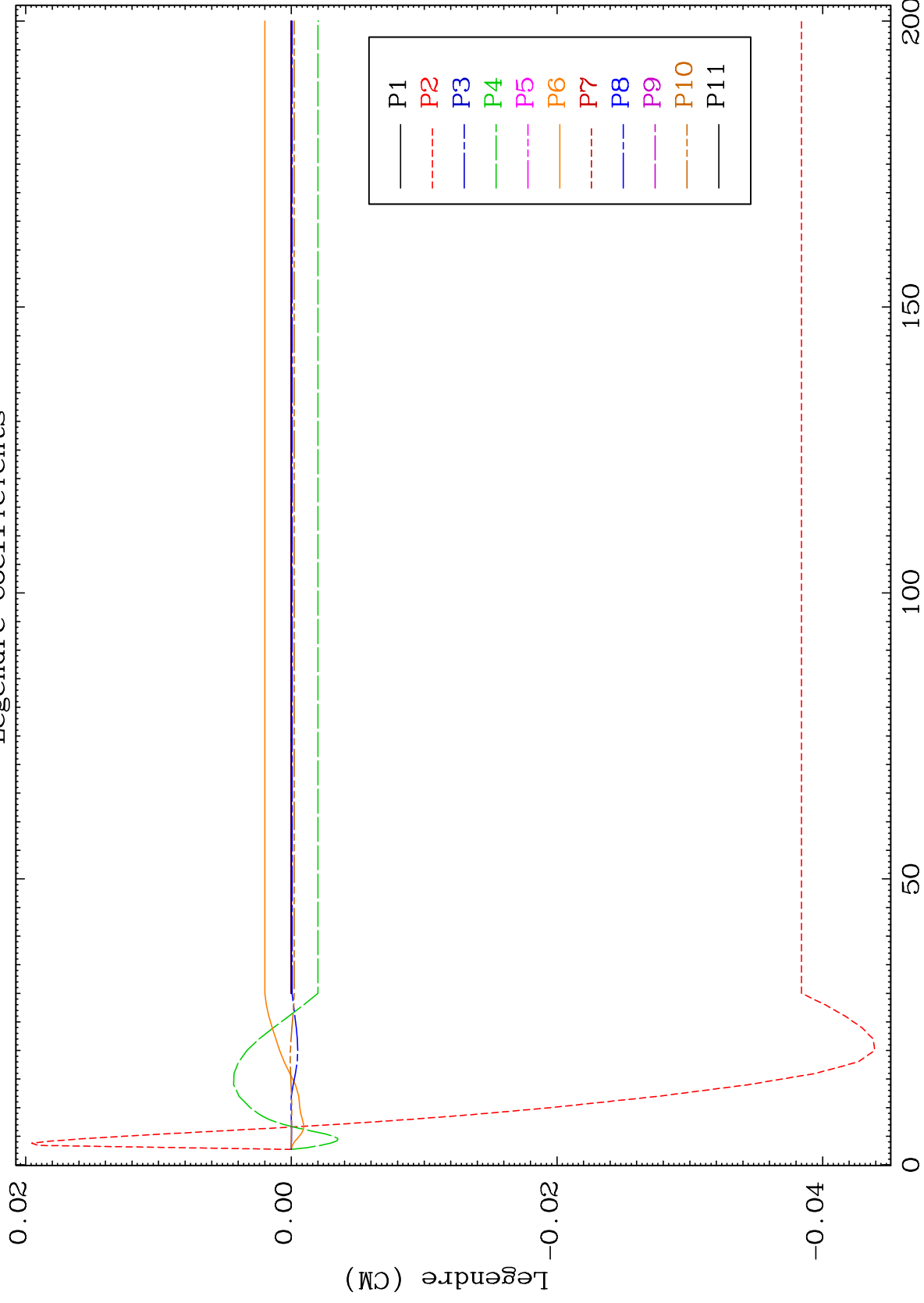
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

29-Cu-72



89

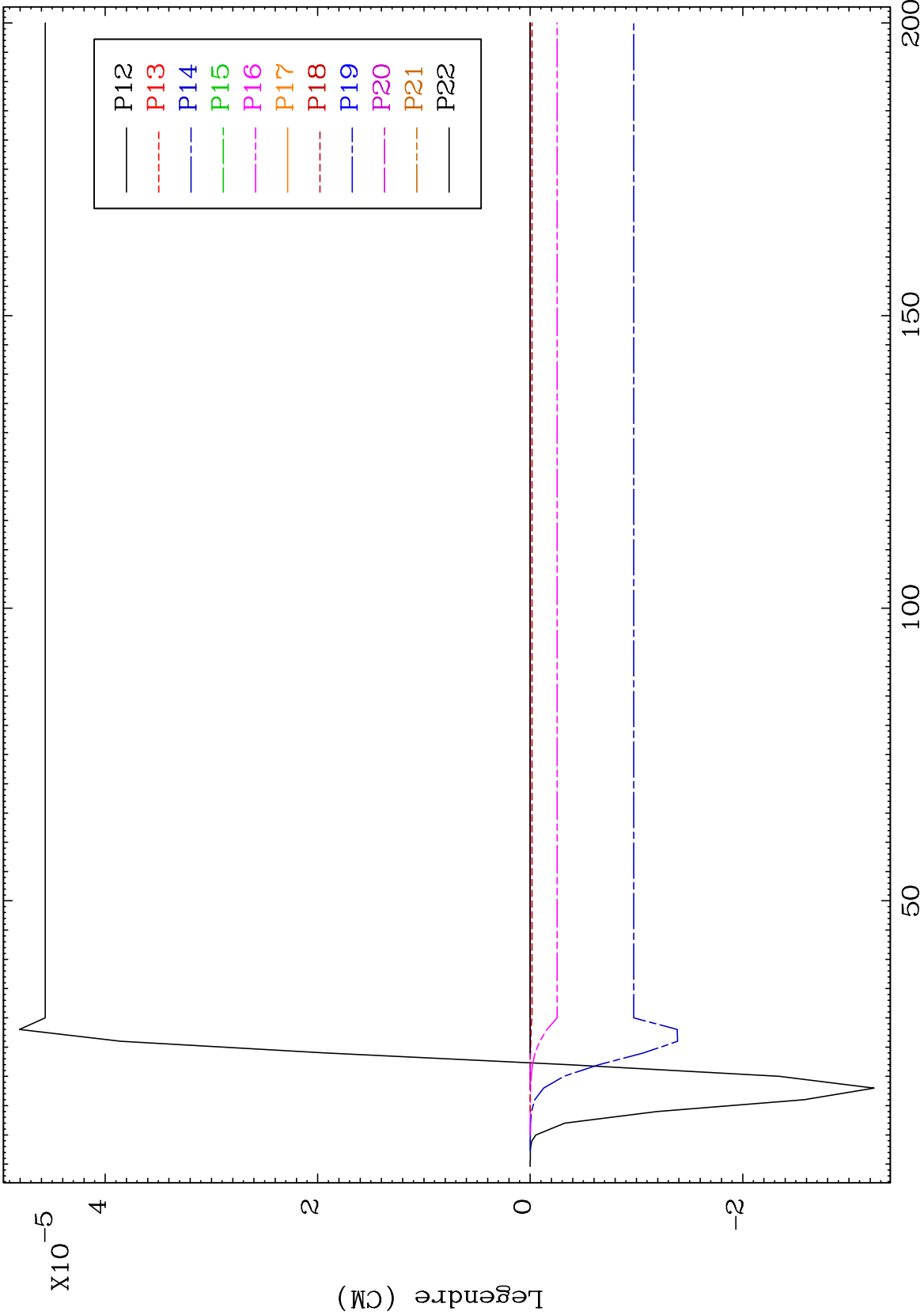
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

29-Cu-72



90

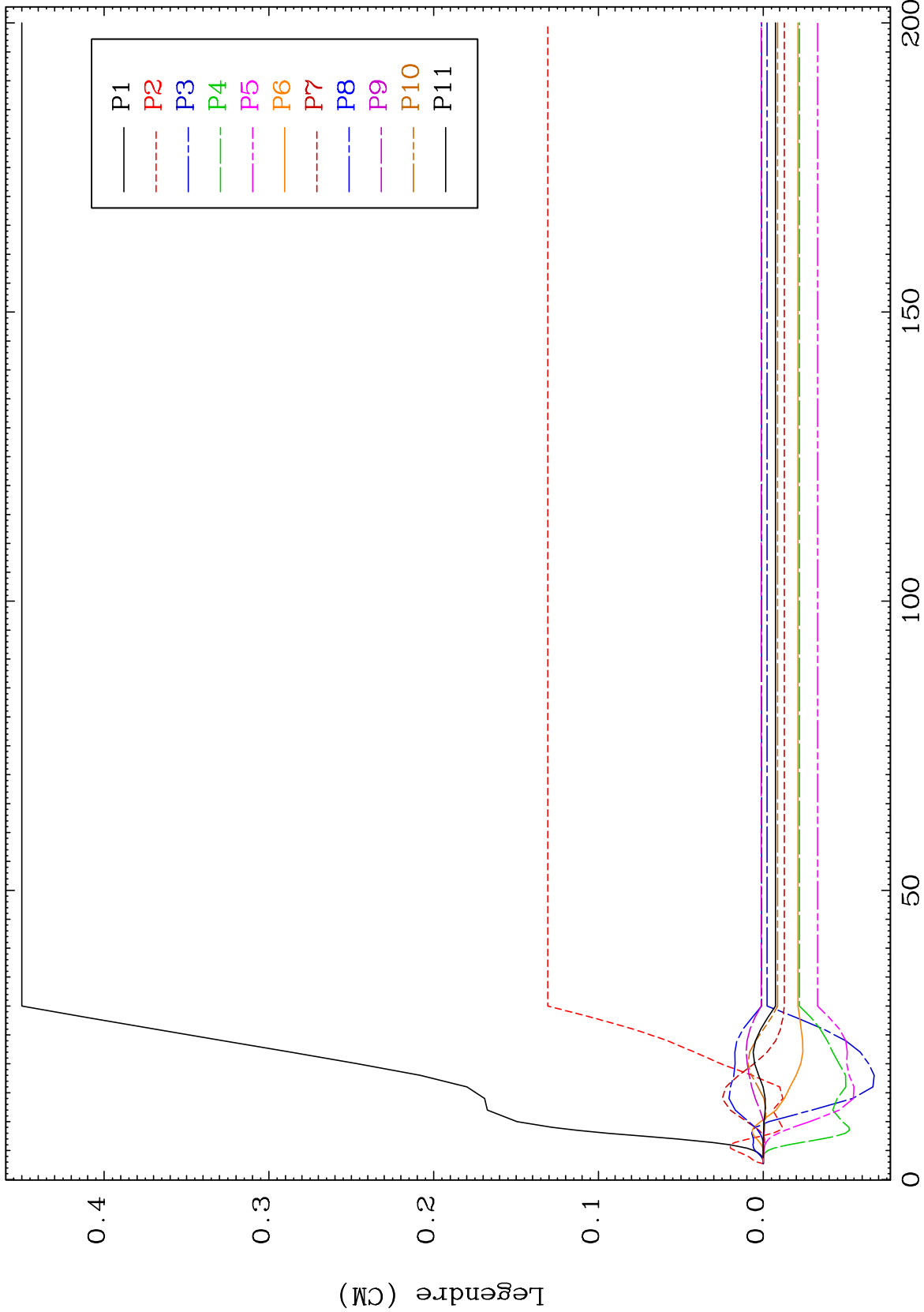
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

29-Cu-72



91

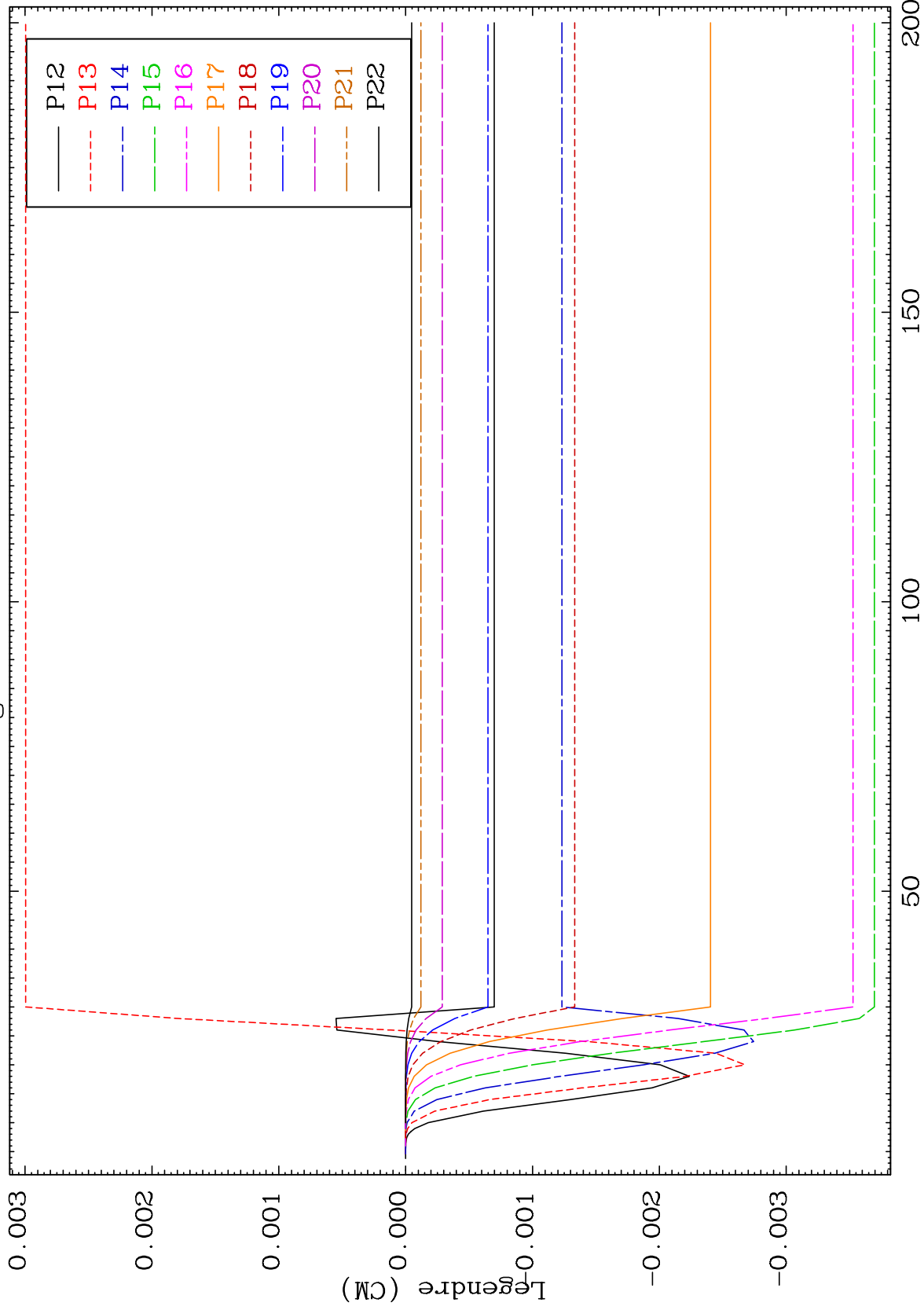
Incident Energy (MeV)

29-Cu-72

MAT 2952

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

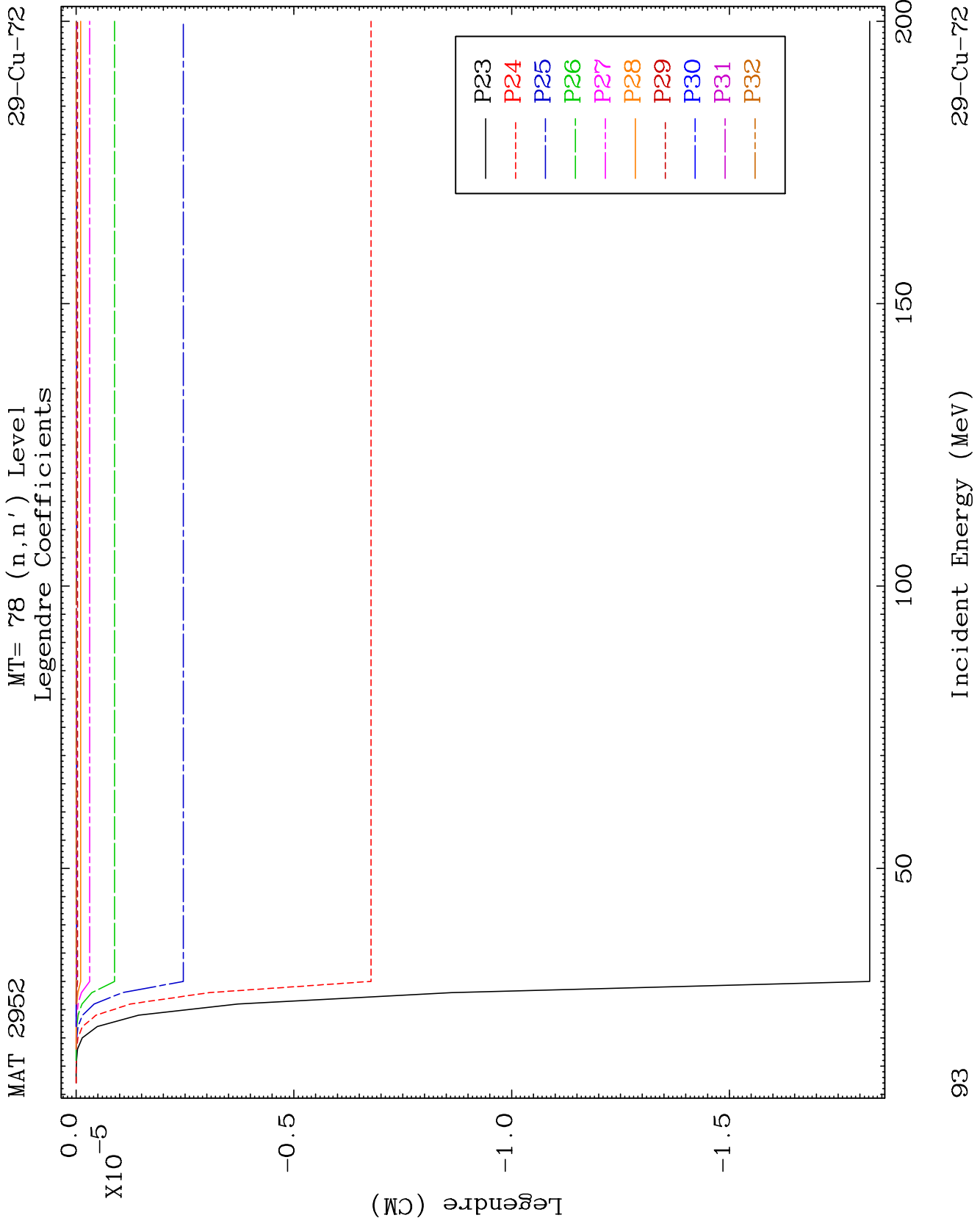
29-Cu-72

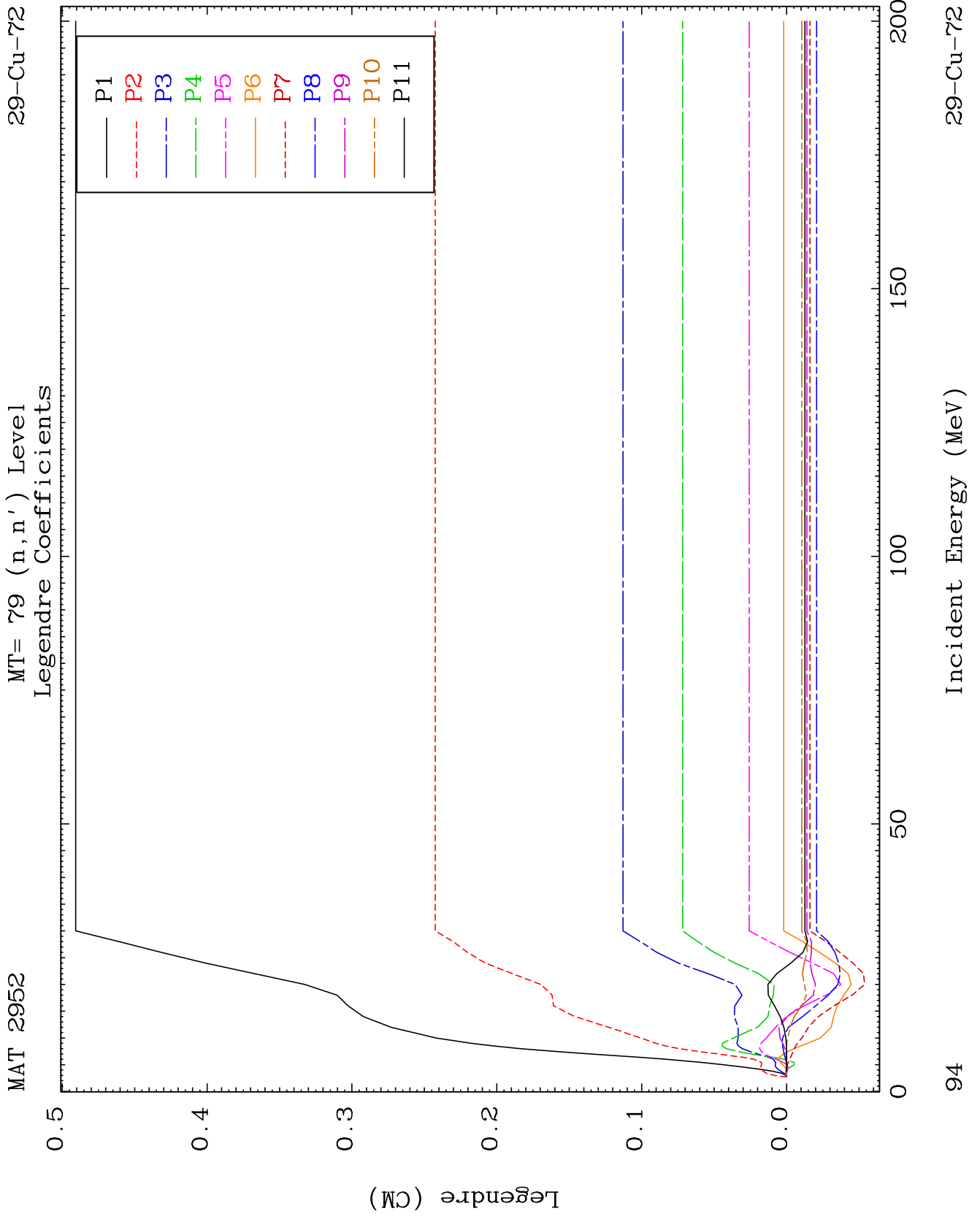


92

Incident Energy (MeV)

29-Cu-72

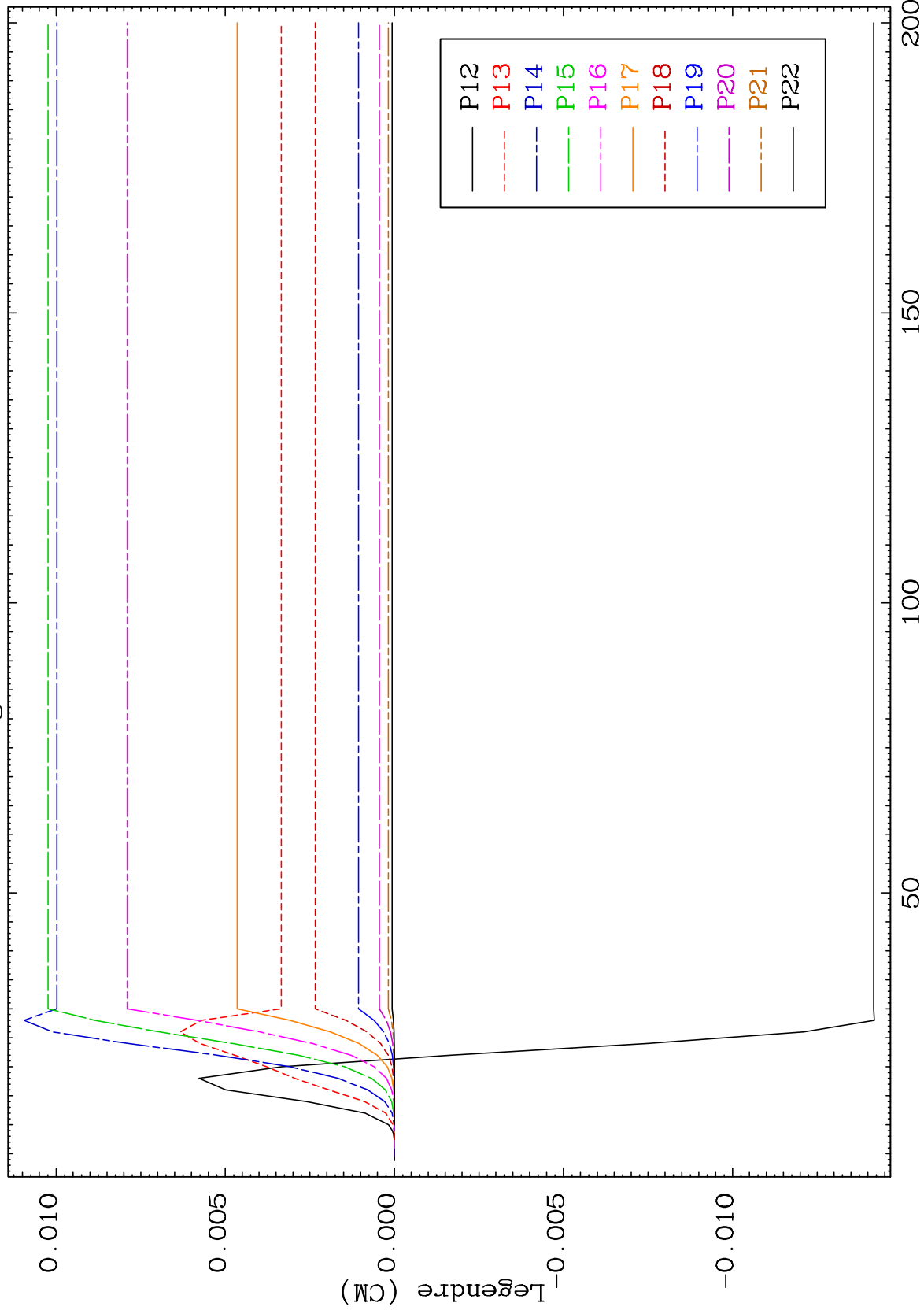




MAT 2952

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

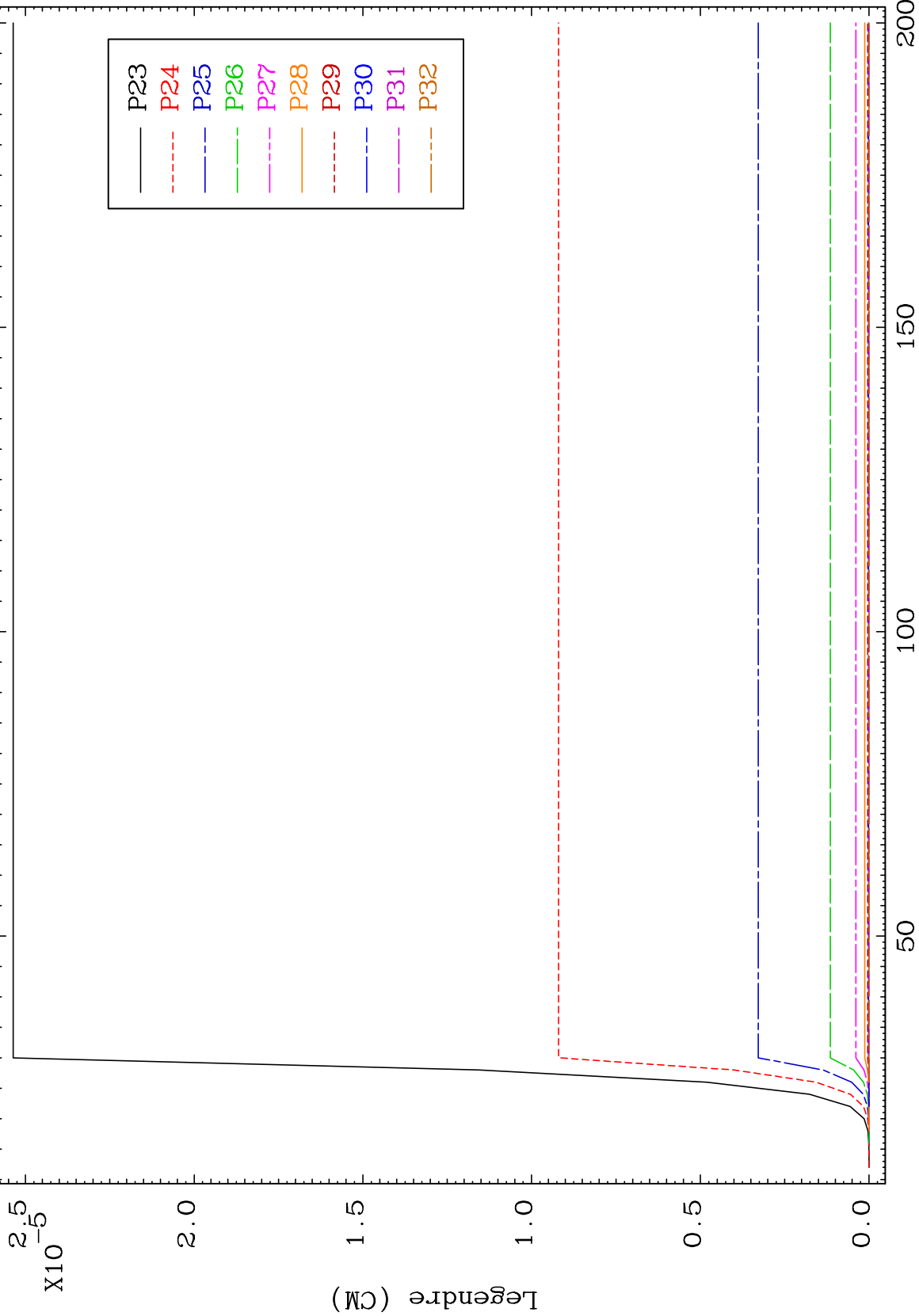
29-Cu-72



95

Incident Energy (MeV)

29-Cu-72

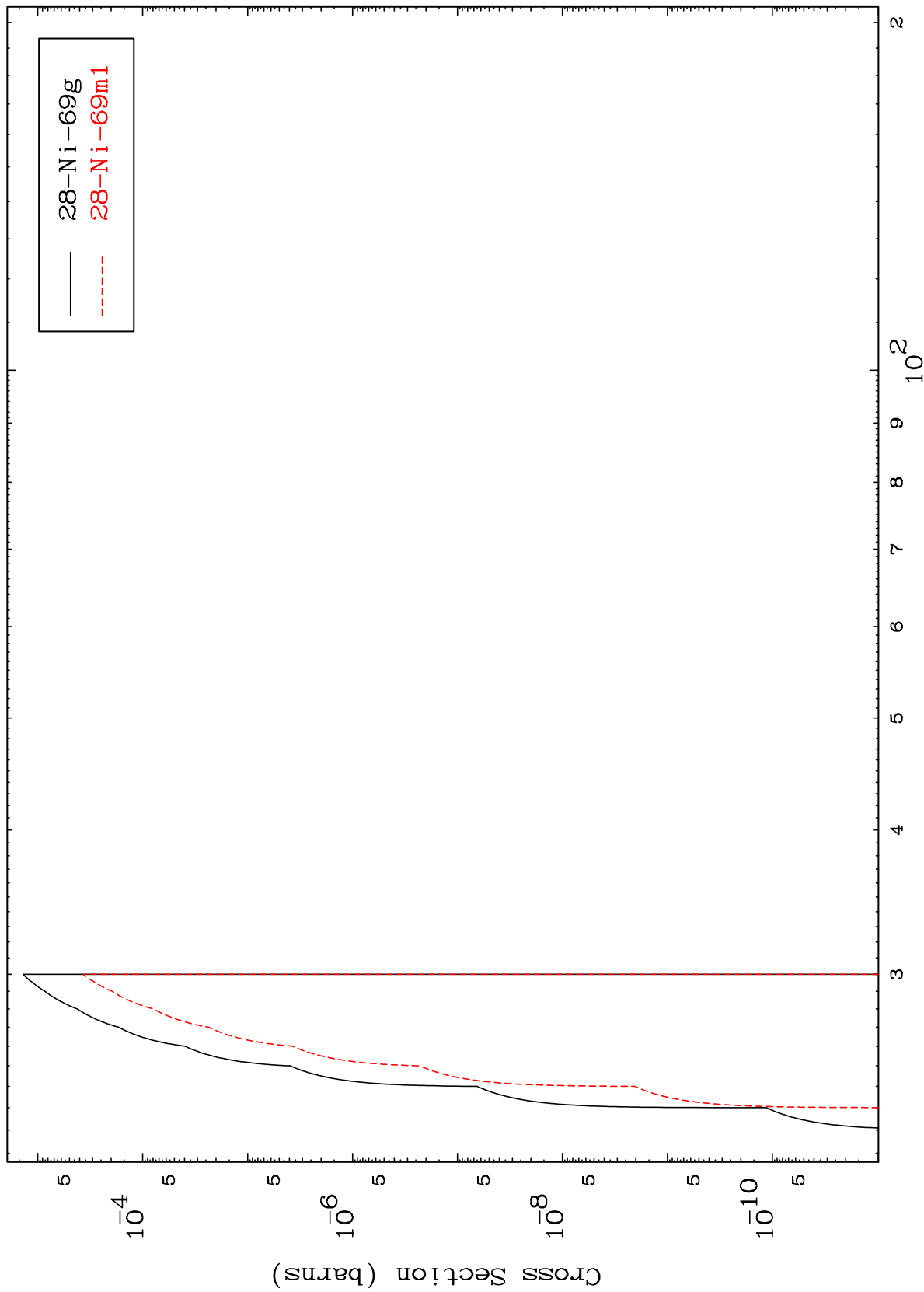


MAT 2952

(n,2n) d

29-Cu-72

Radionuclide Production Cross Section



97

Incident Energy (MeV)

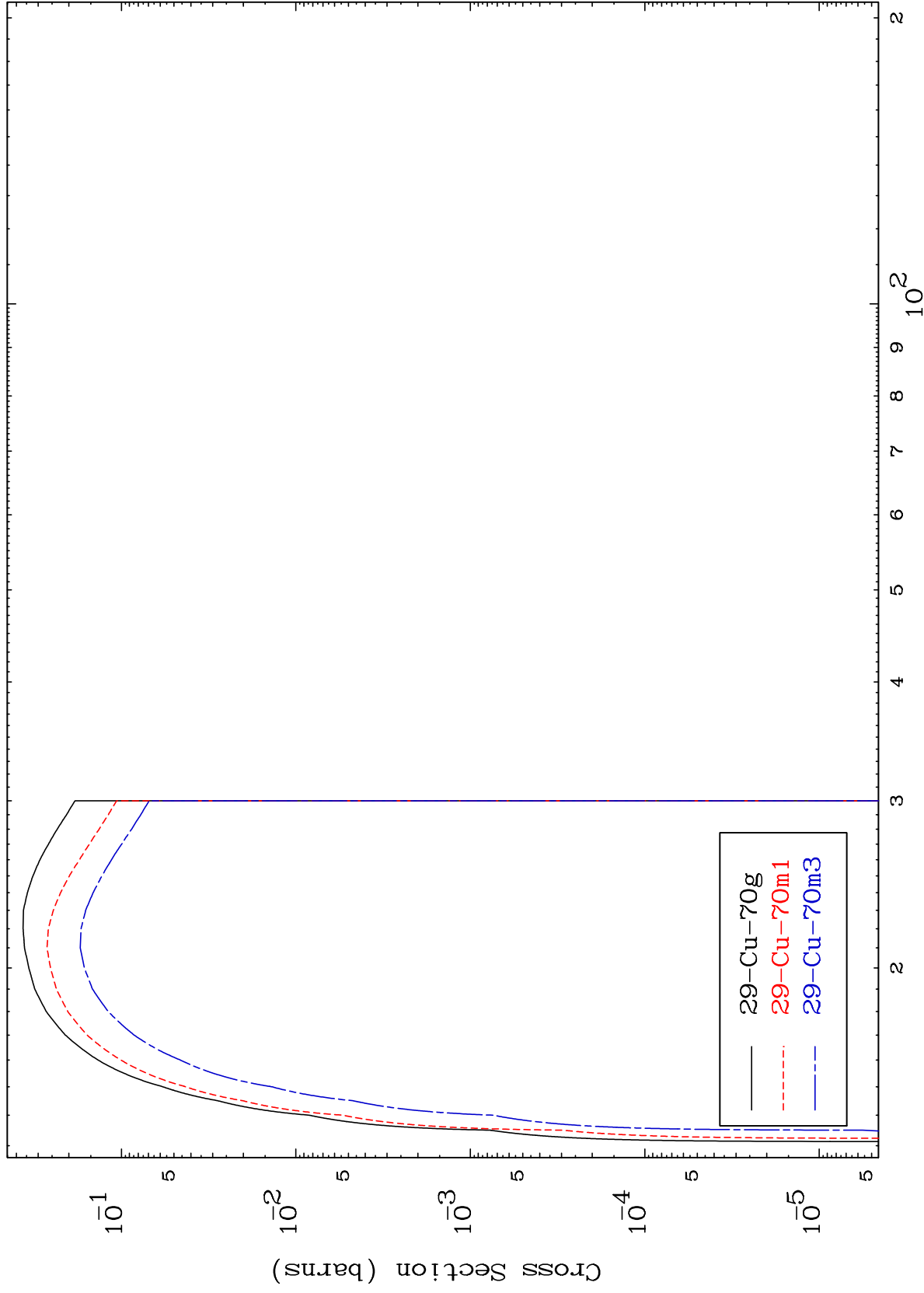
29-Cu-72

MAT 2952

(n,3n)

²⁹Cu-72

Radionuclide Production Cross Section



98

Incident Energy (MeV)

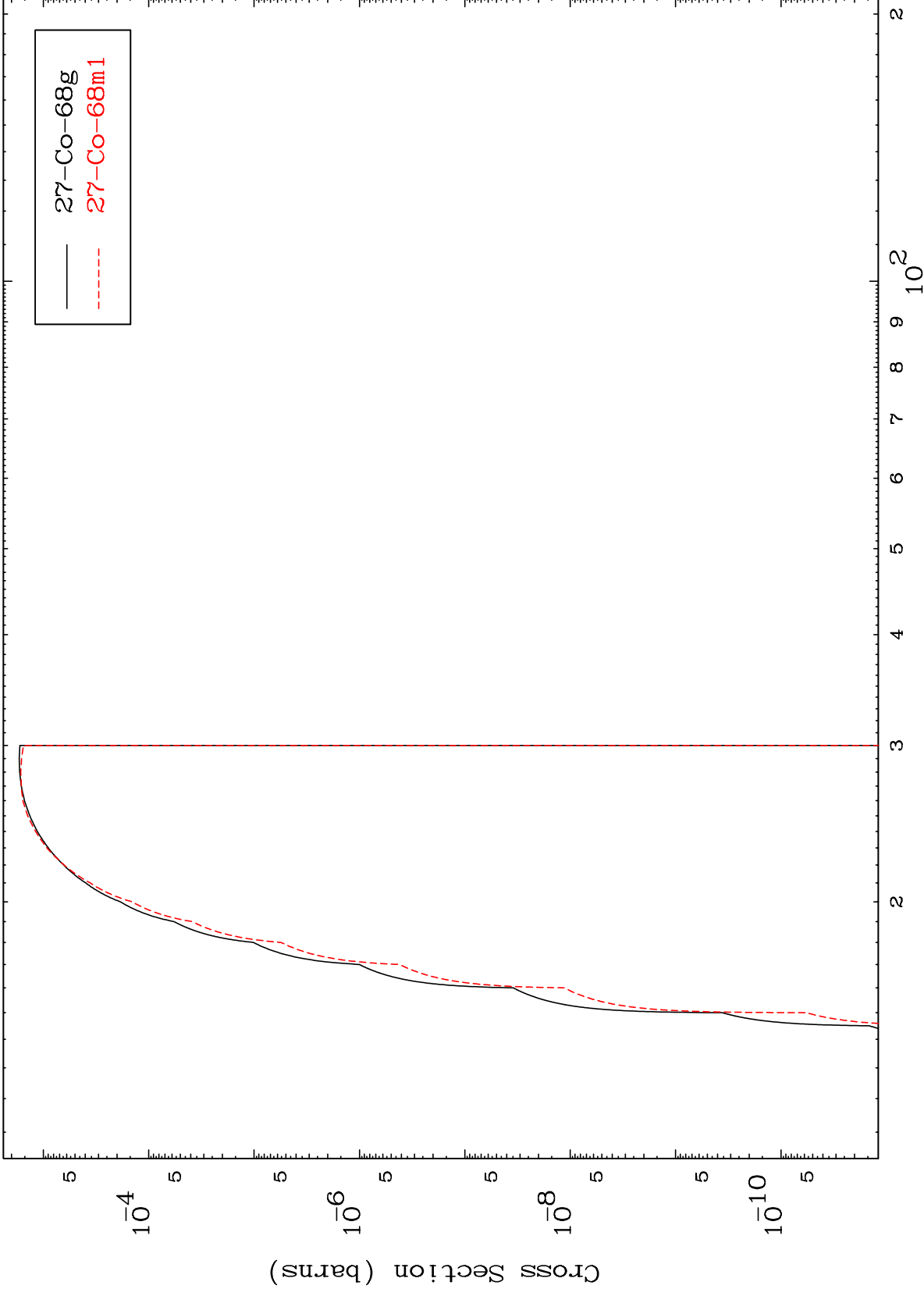
²⁹Cu-72

MAT 2952

$(n, n') \alpha$

29-Cu-72

Radionuclide Production Cross Section



99

Incident Energy (MeV)

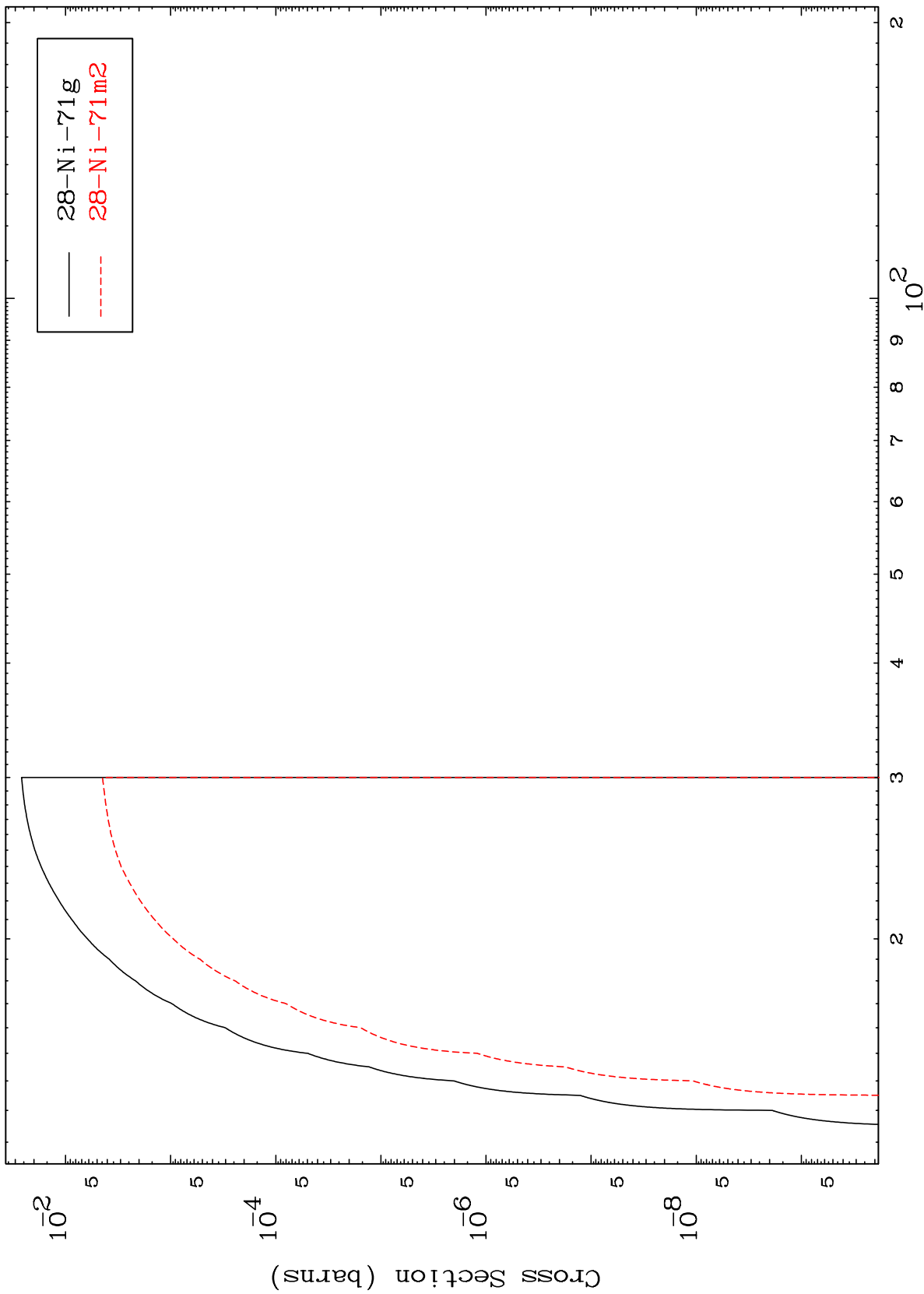
29-Cu-72

MAT 2952

(n,n') p

29-Cu-72

Radionuclide Production Cross Section



100

Incident Energy (MeV)

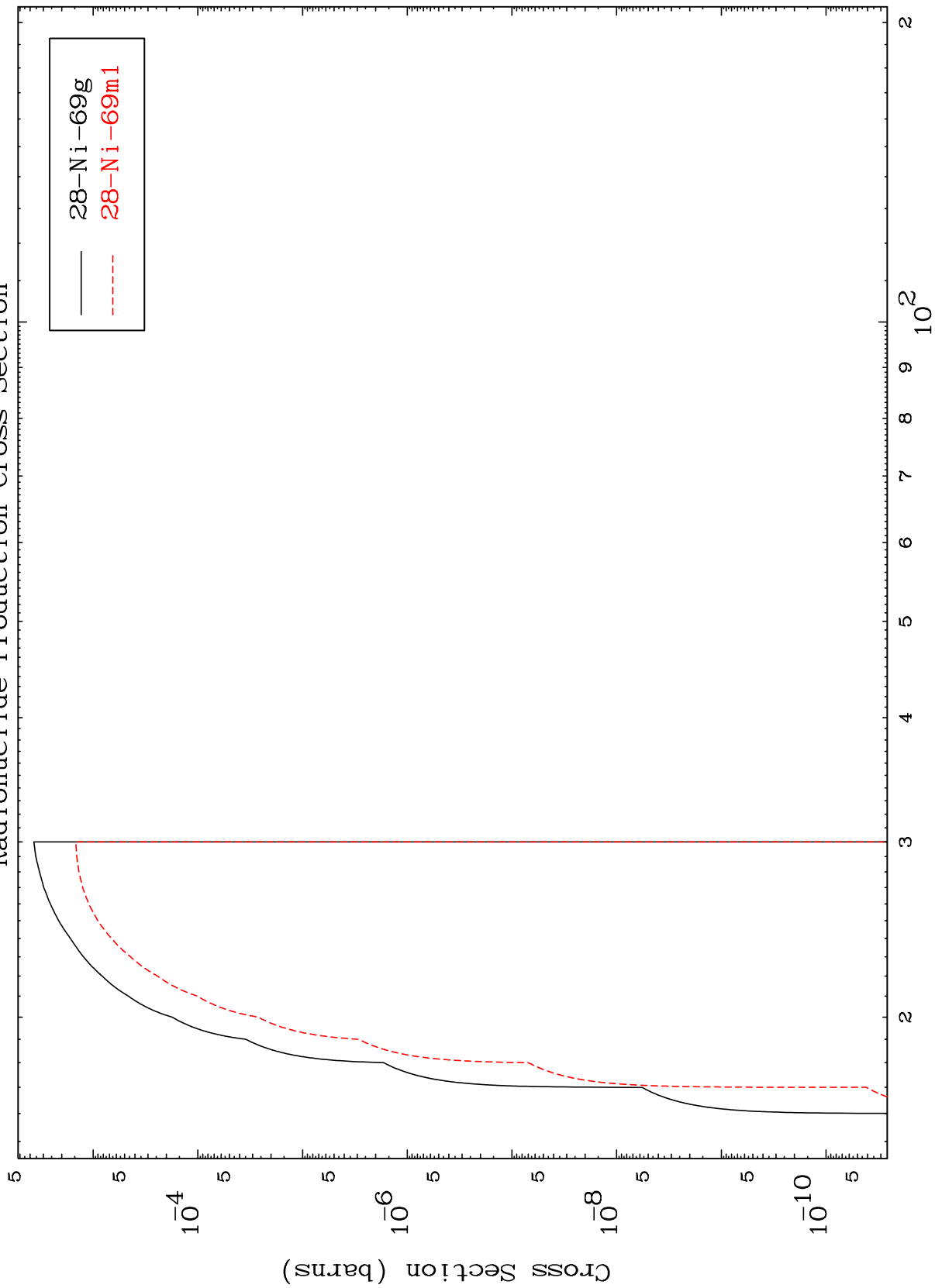
29-Cu-72

MAT 2952

(n,n') t

29-Cu-72

Radionuclide Production Cross Section

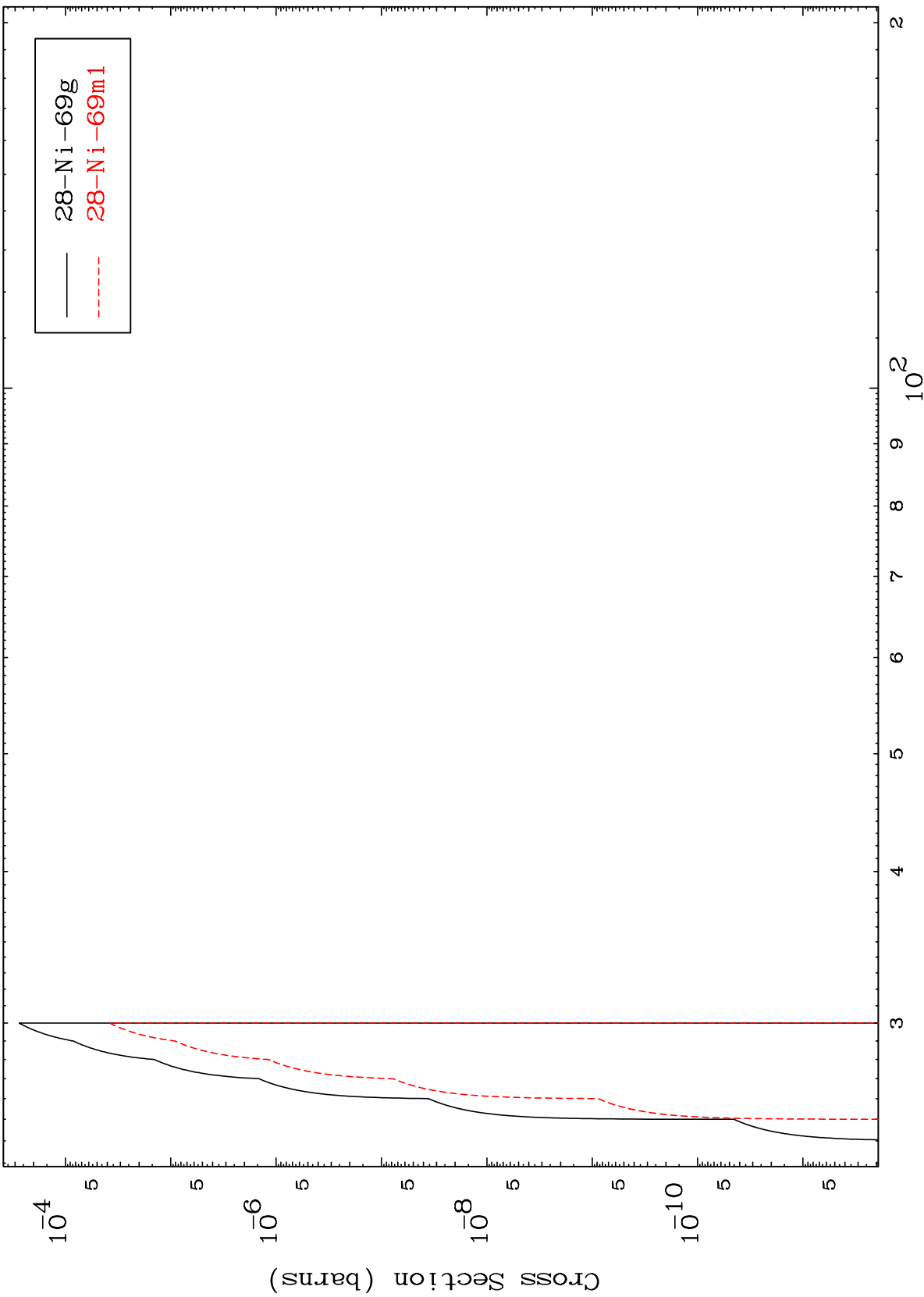


101

Incident Energy (MeV)

29-Cu-72

Radionuclide Production Cross Section



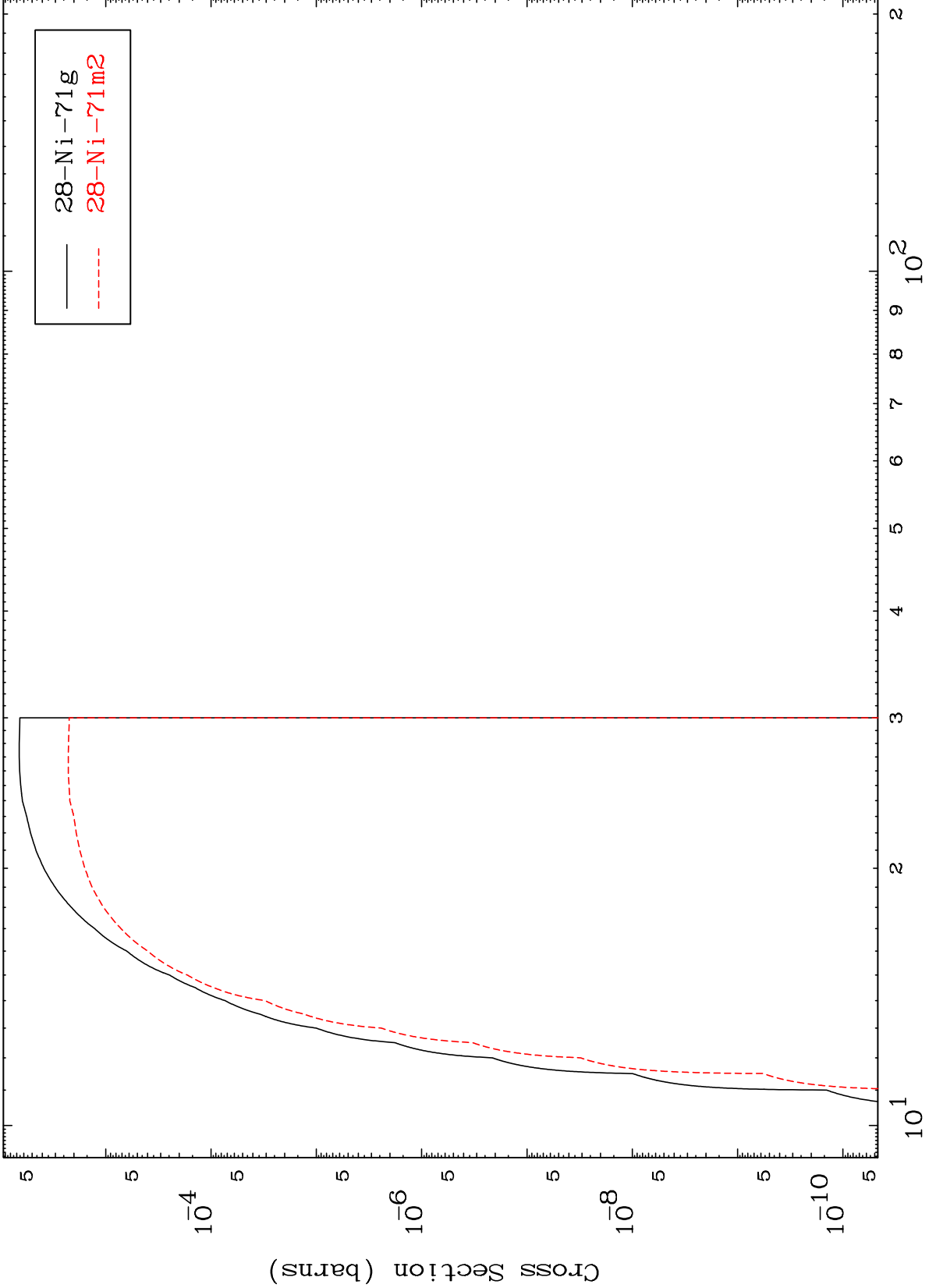
28-Ni-69g
28-Ni-69m1

MAT 2952

(n,d)

29-Cu-72

Radionuclide Production Cross Section



Incident Energy (MeV)

29-Cu-72