

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

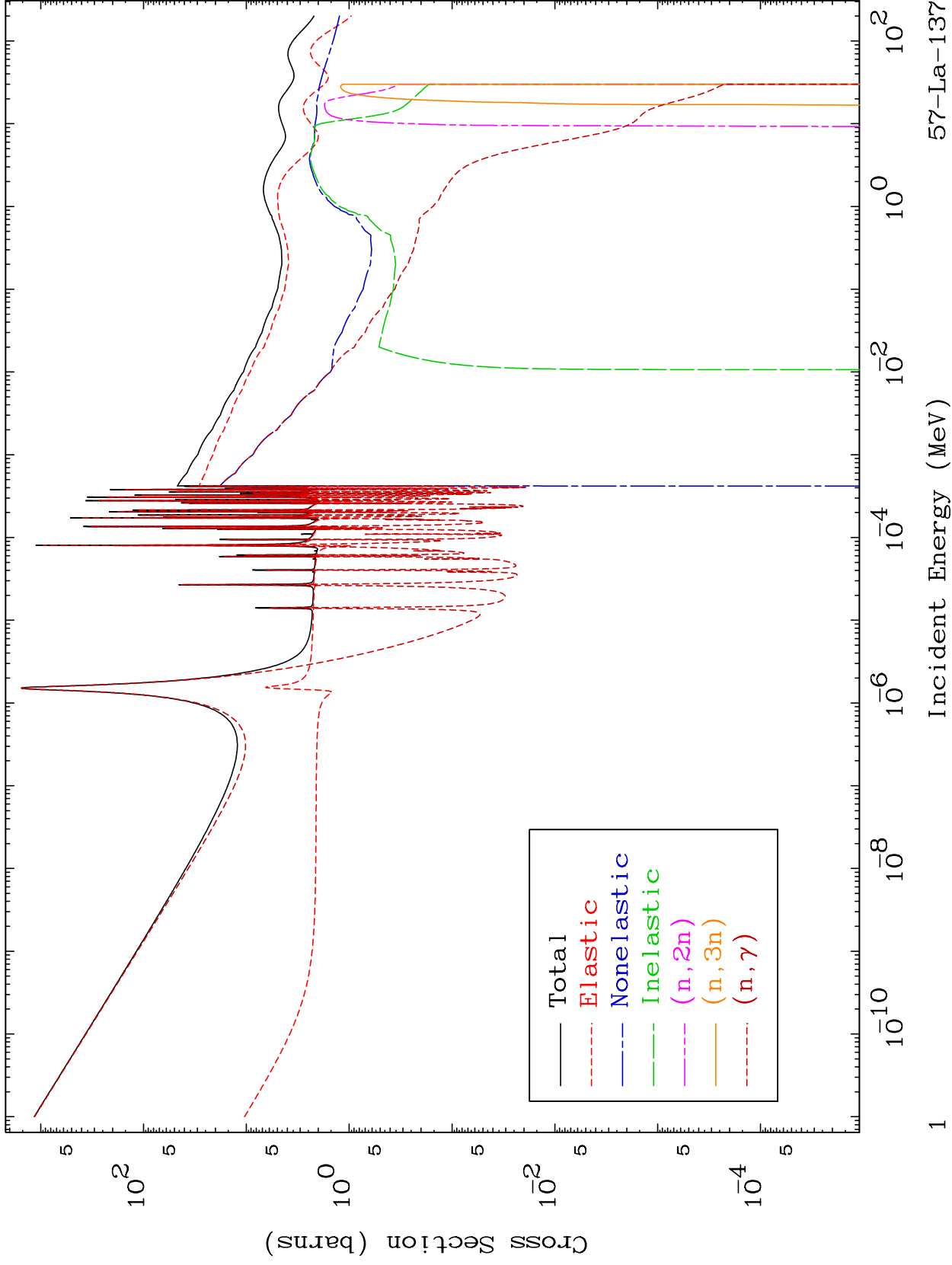
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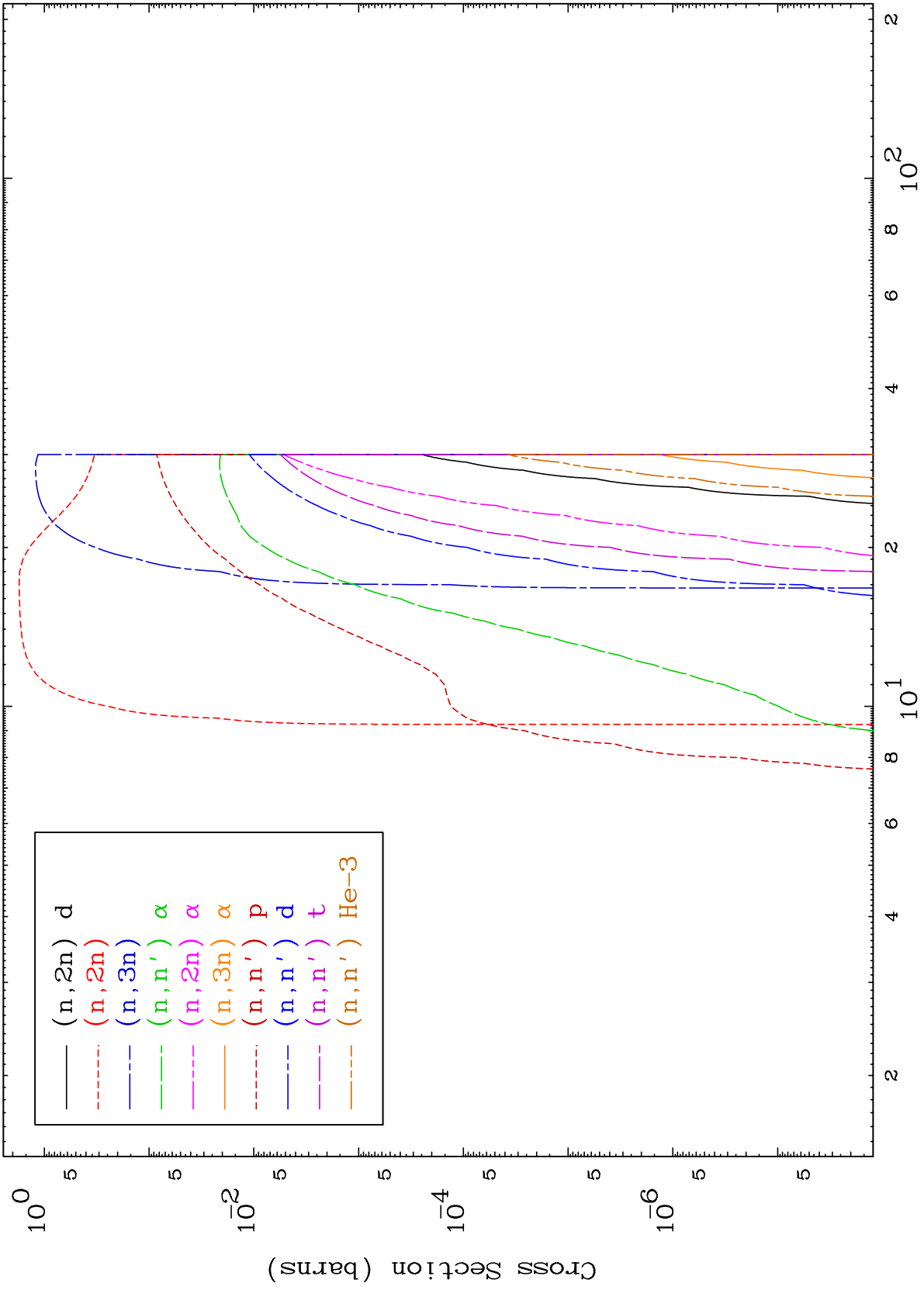
Press Mouse Button to Start

MAT 5722

Neutron Major
293 Kelvin Cross Sections

57-La-137

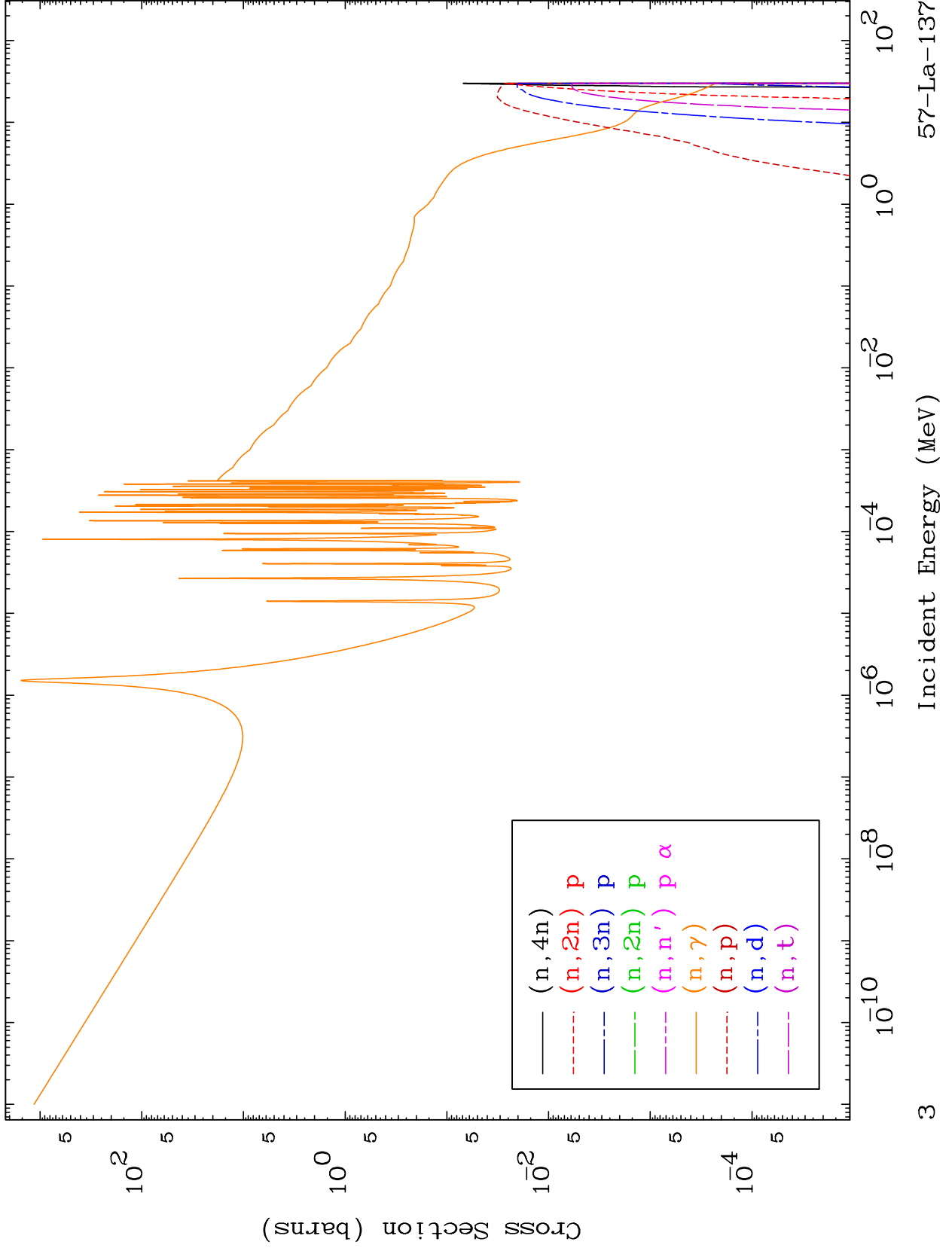




MAT 5722

Neutron Absorption
293 Kelvin Cross Sections

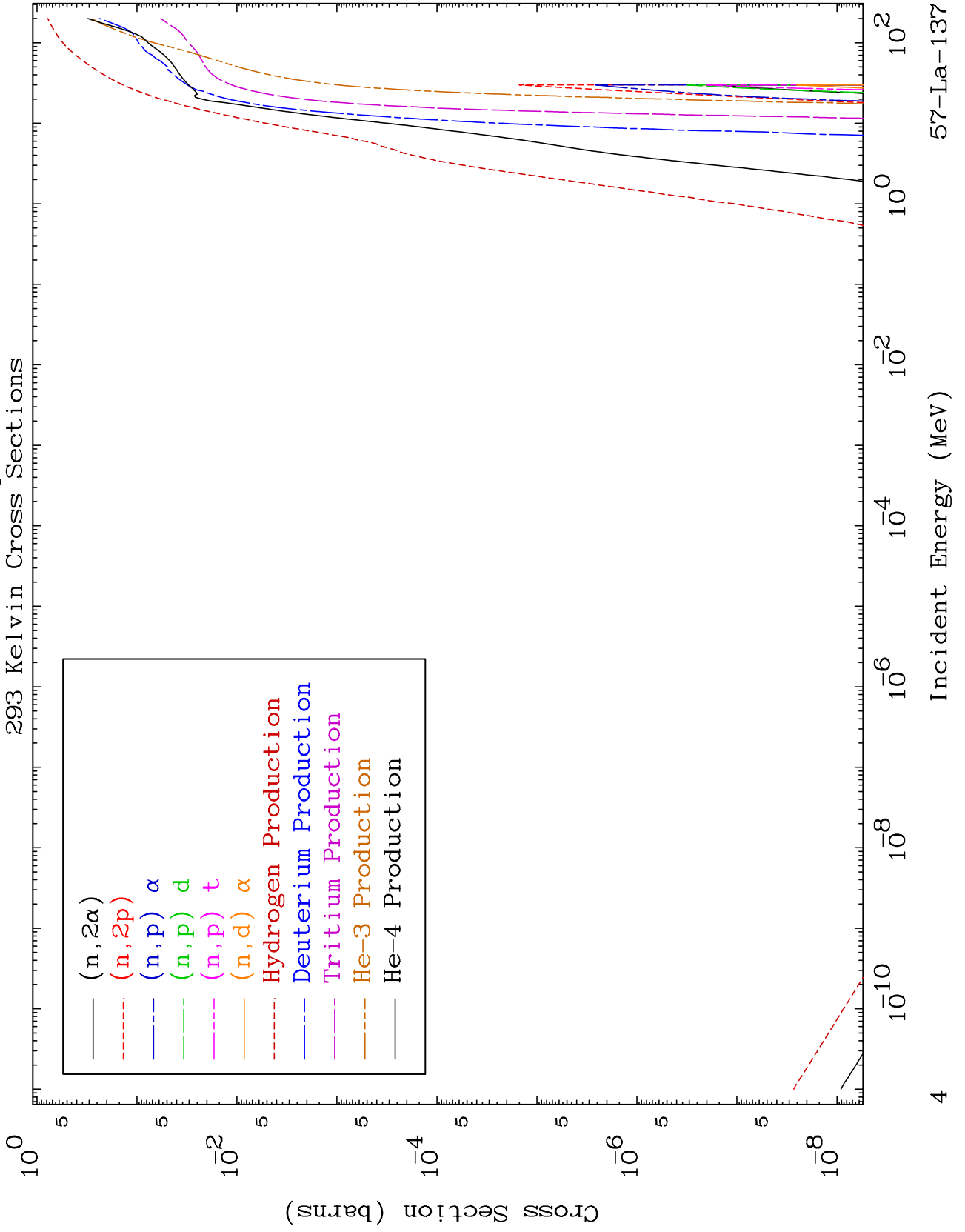
57-La-137

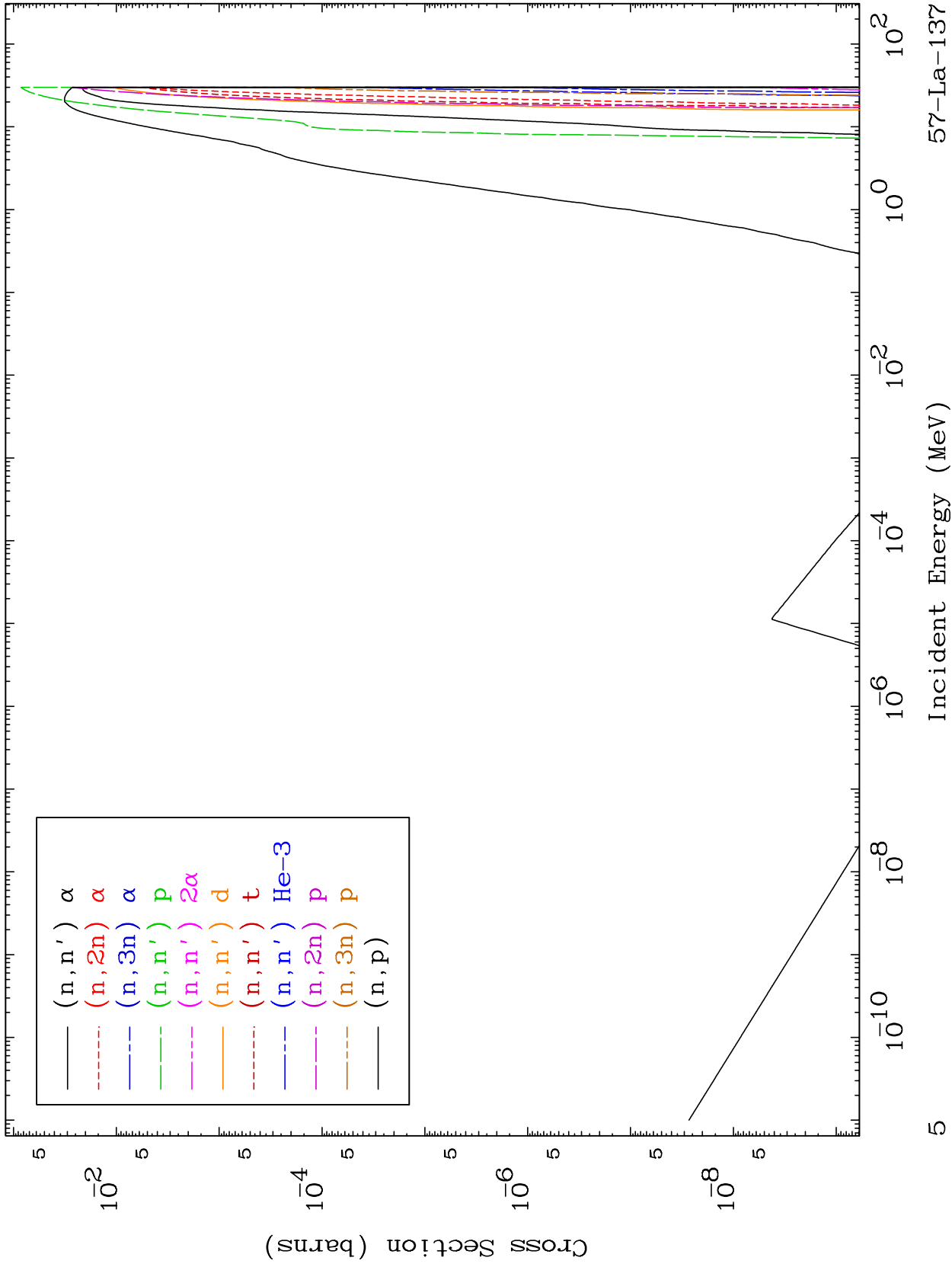


MAT 5722

Neutron Absorption
293 Kelvin Cross Sections

57-La-137

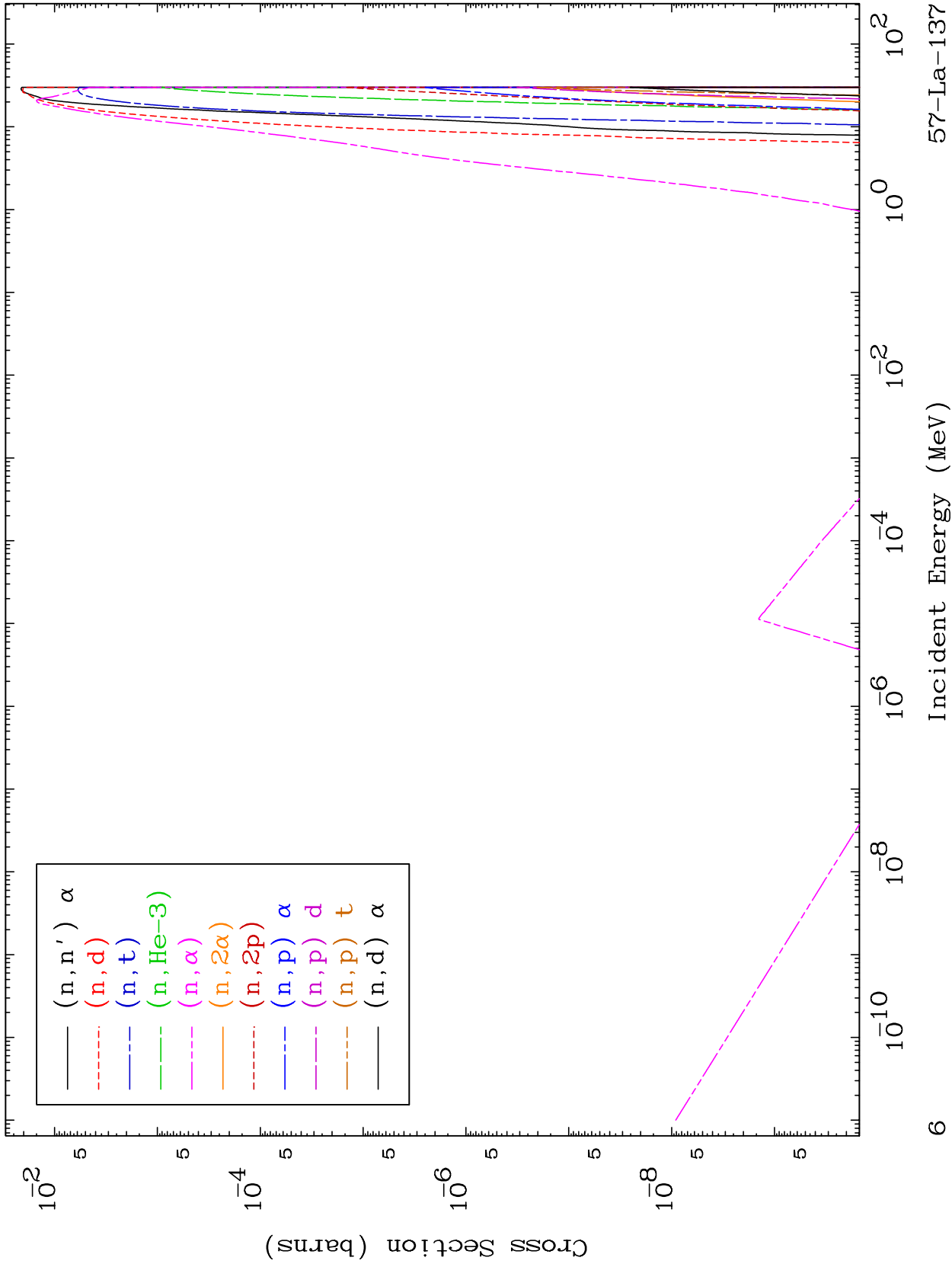




MAT 5722

Charged Particle
293 Kelvin Cross Sections

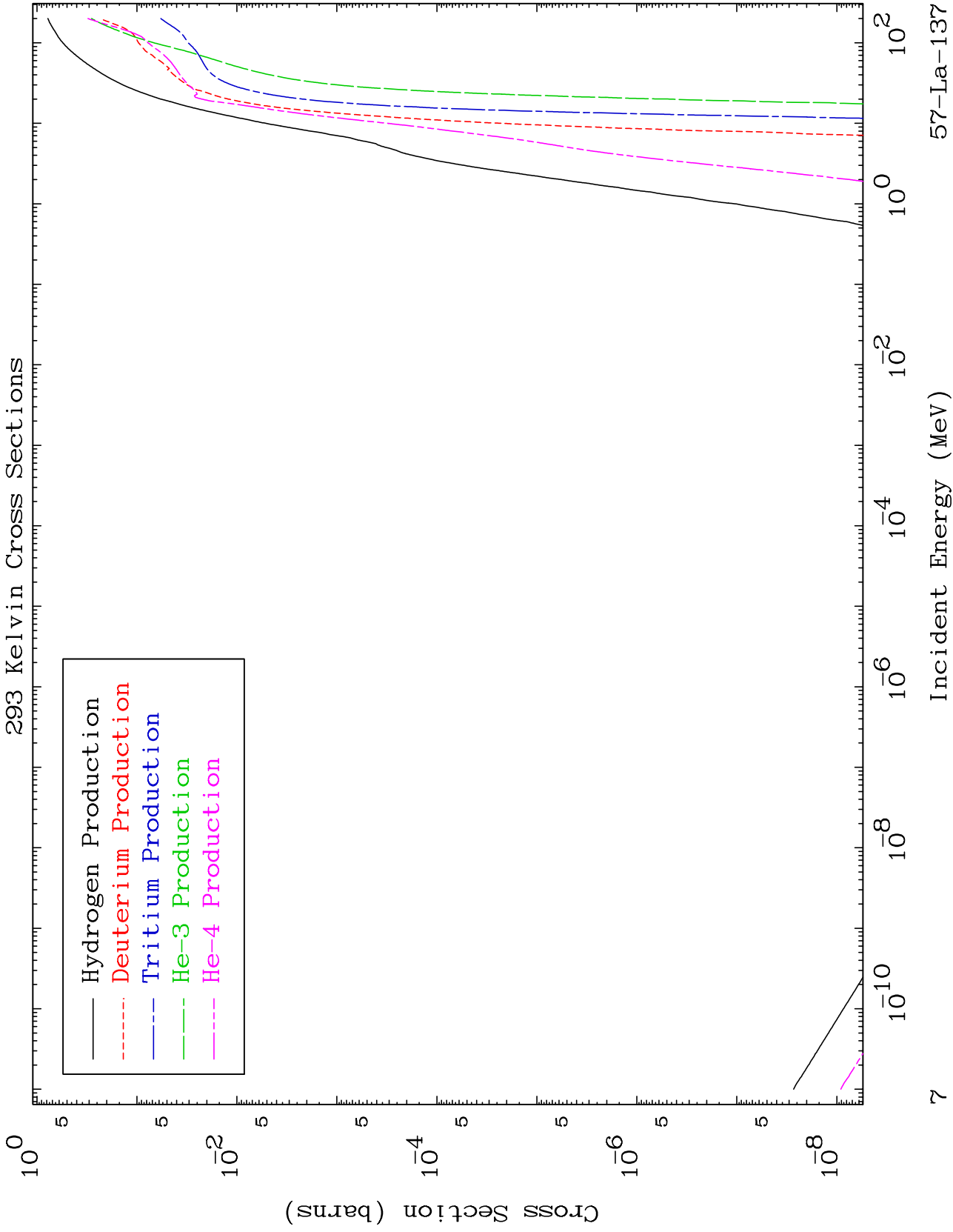
57-La-137



MAT 5722

Particle Production
293 Kelvin Cross Sections

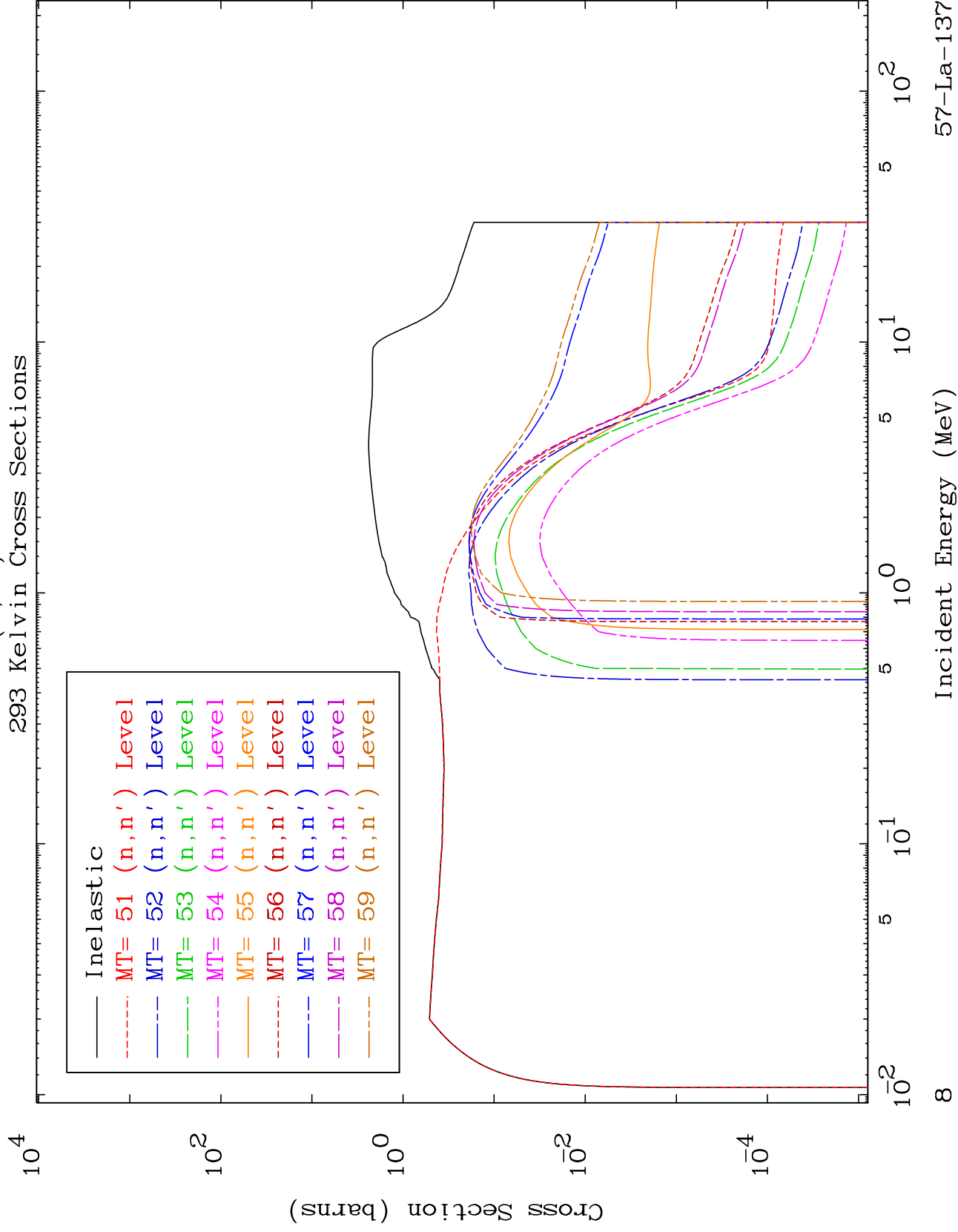
57-La-137



MAT 5722

(n,n') Levels
293 Kelvin Cross Sections

57-La-137



57-La-137

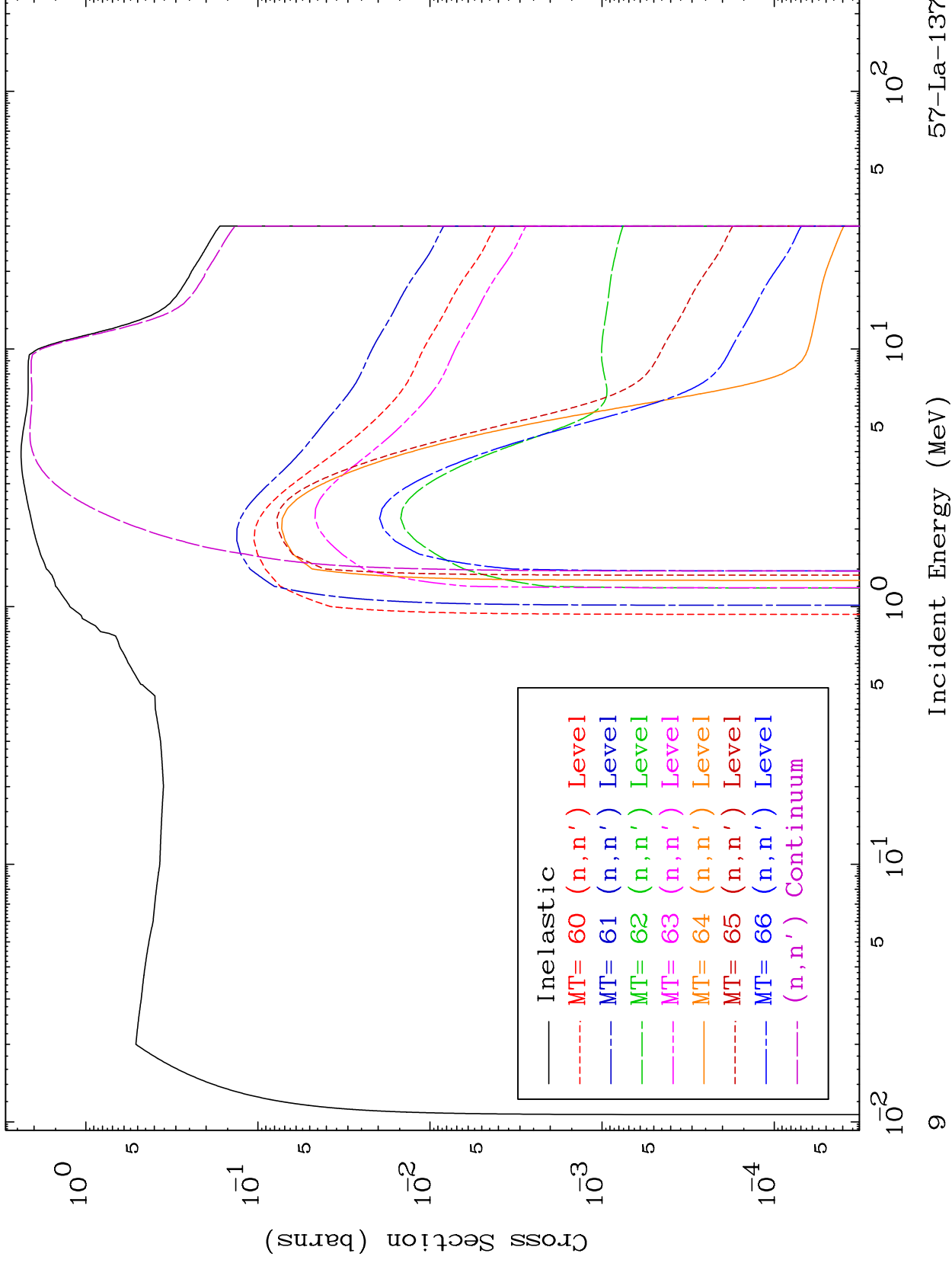
Incident Energy (MeV)

8

MAT 5722

(n,n') Levels
293 Kelvin Cross Sections

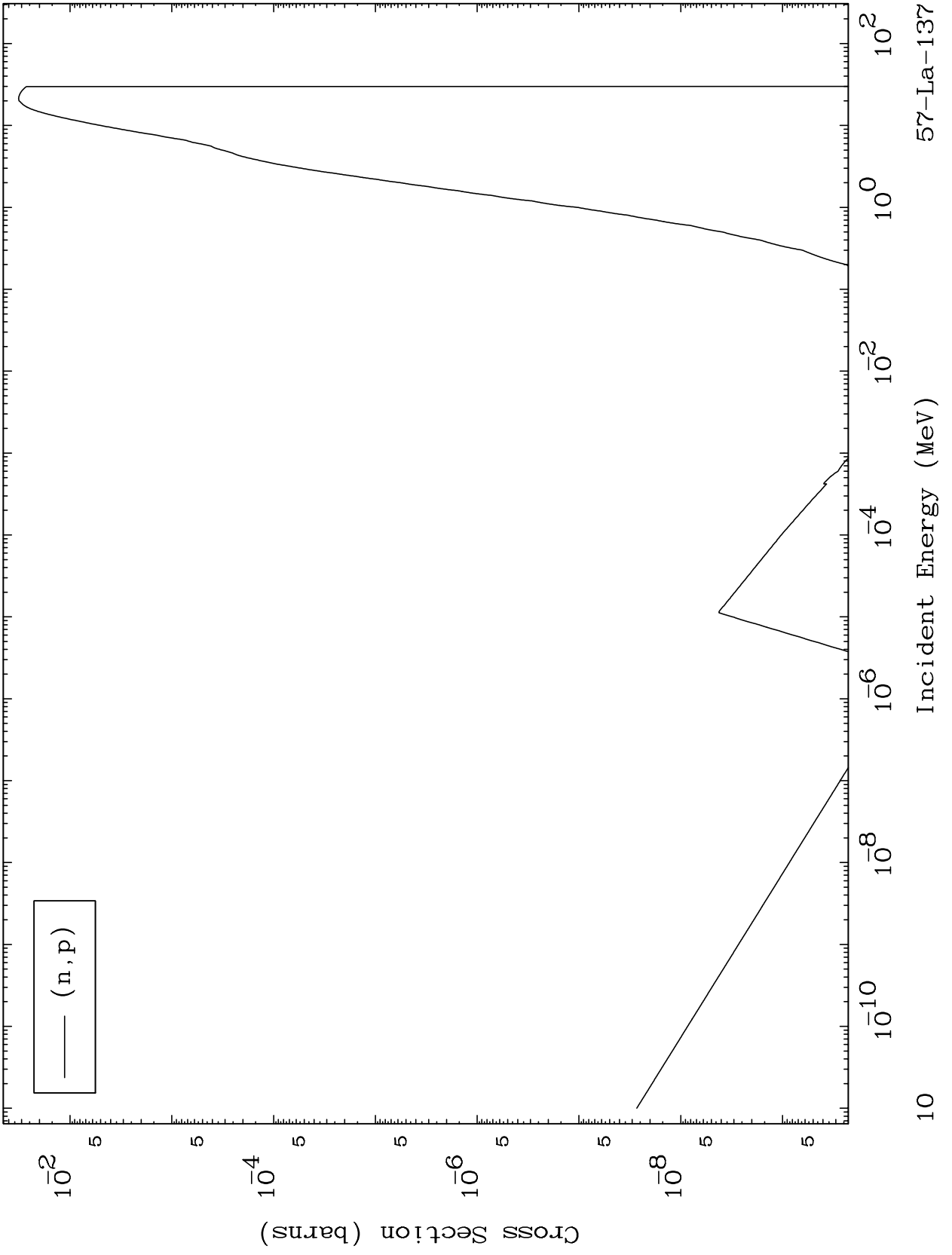
57-La-137



MAT 5722

(n,p) Levels
293 Kelvin Cross Sections

57-La-137



10

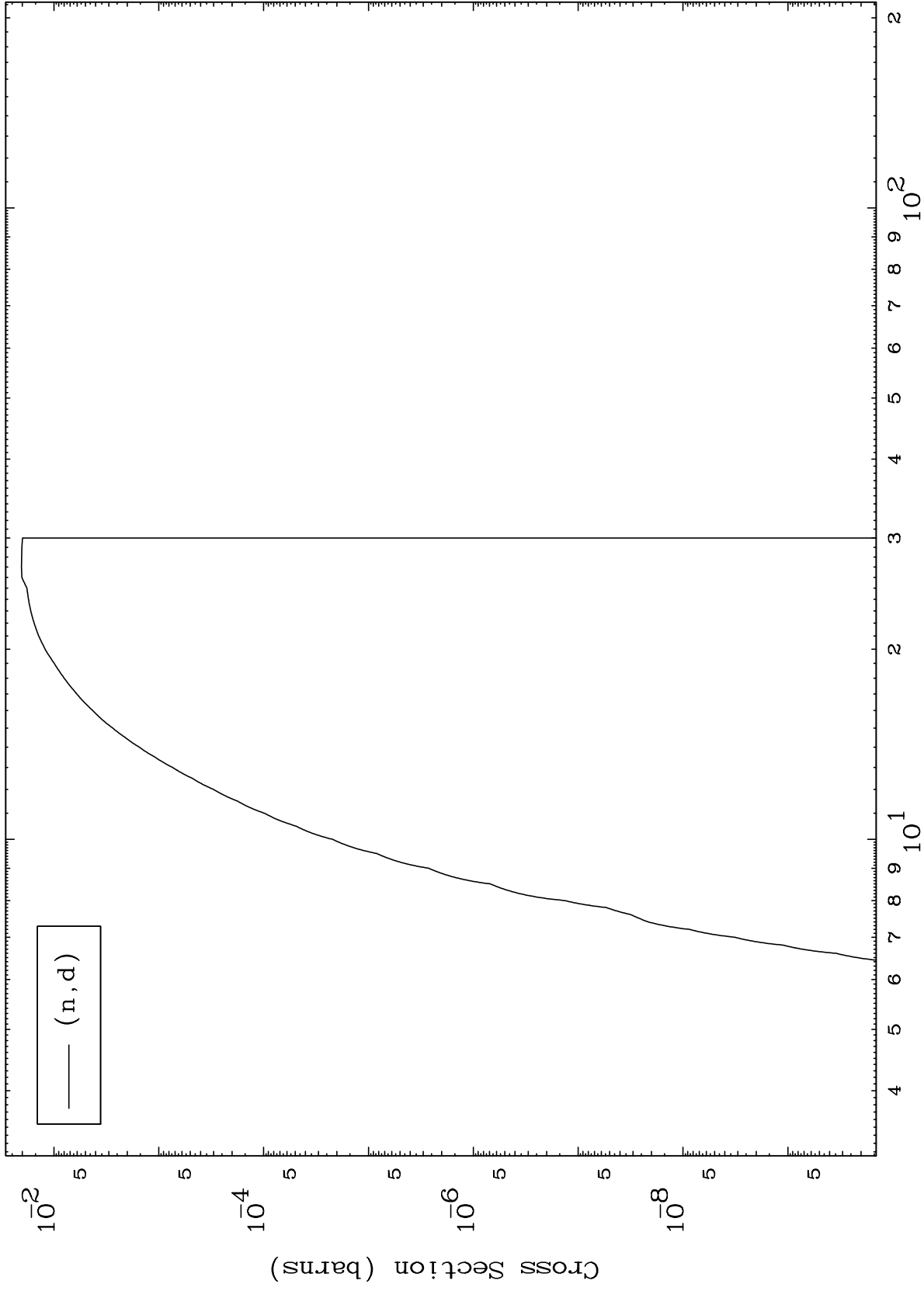
Incident Energy (MeV)

57-La-137

MAT 5722

(n,d) Levels
293 Kelvin Cross Sections

57-La-137



11

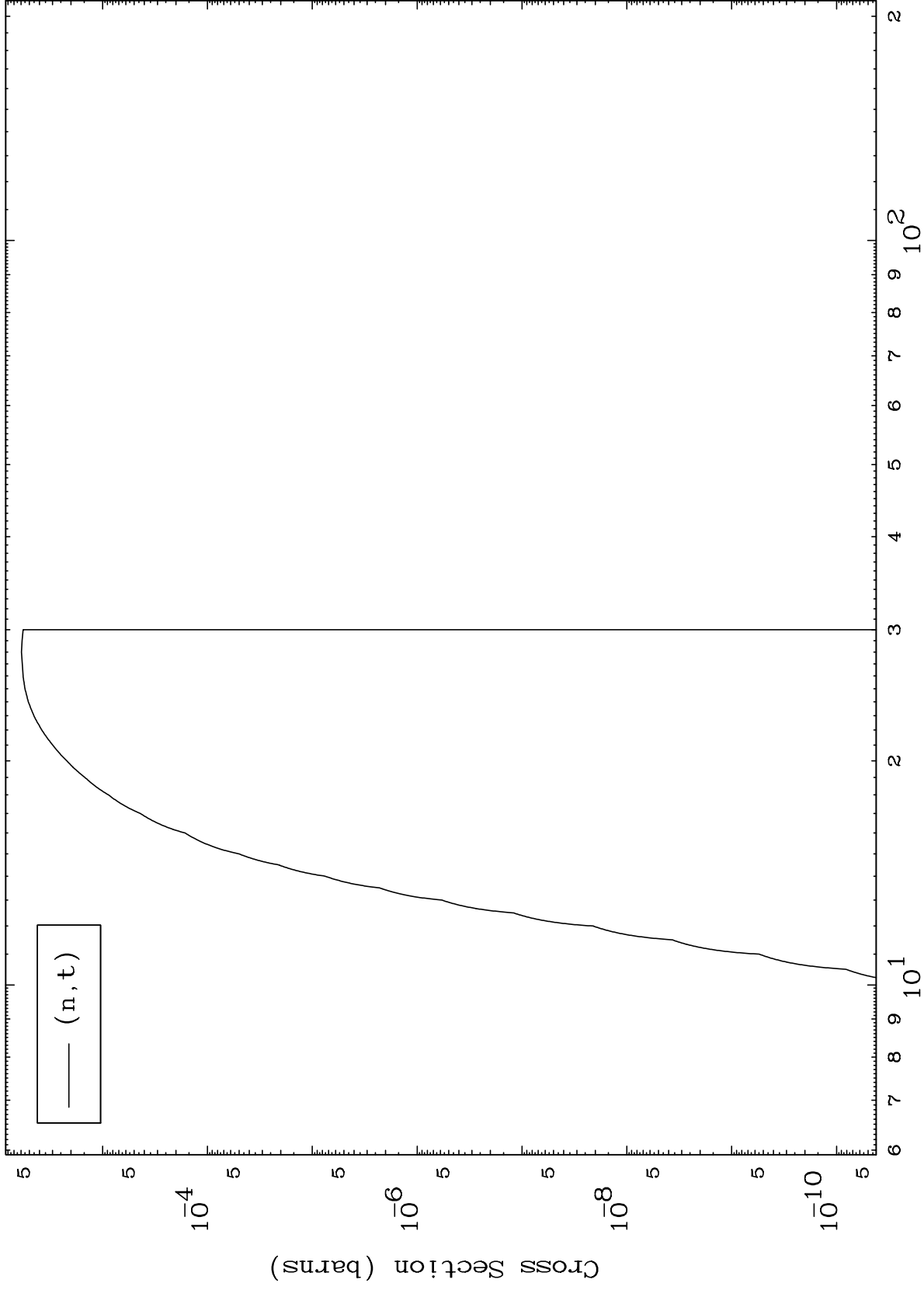
Incident Energy (MeV)

57-La-137

MAT 5722

(n,t) Levels
293 Kelvin Cross Sections

57-La-137



(n,t)

12

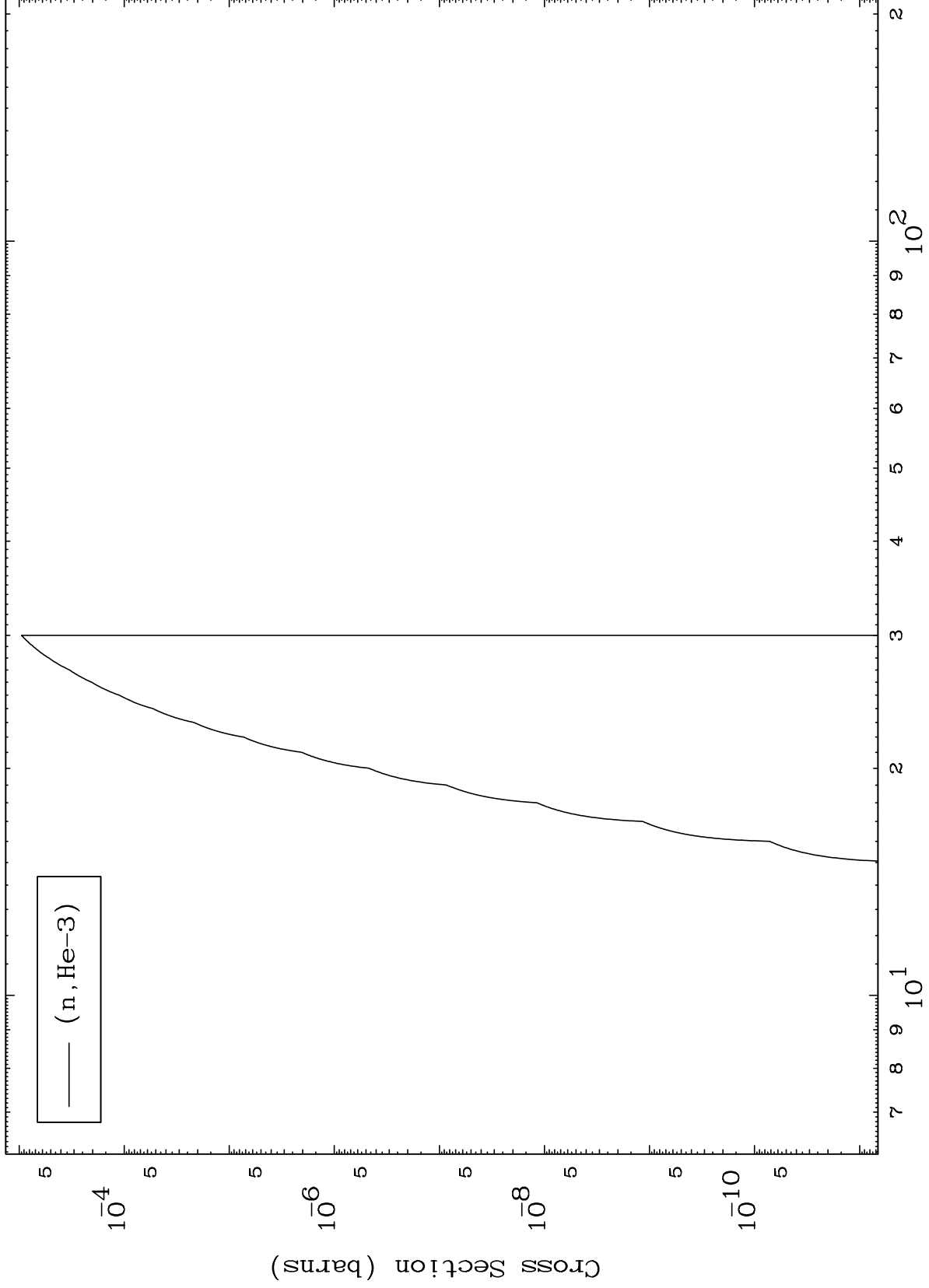
Incident Energy (MeV)

57-La-137

MAT 5722

(n,He3) Levels
293 Kelvin Cross Sections

57-La-137



13

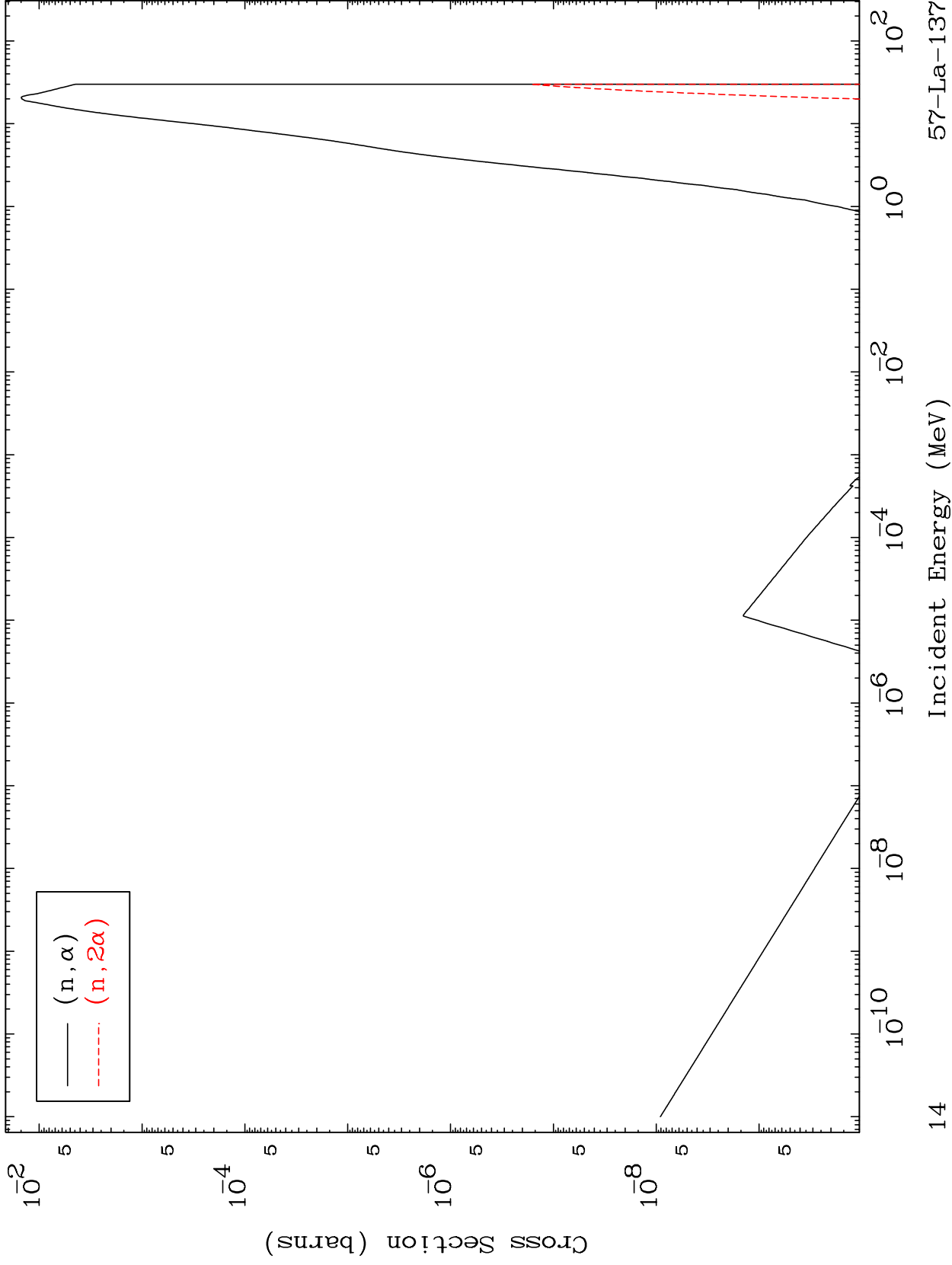
Incident Energy (MeV)

57-La-137

MAT 5722

(n, α) Levels
293 Kelvin Cross Sections

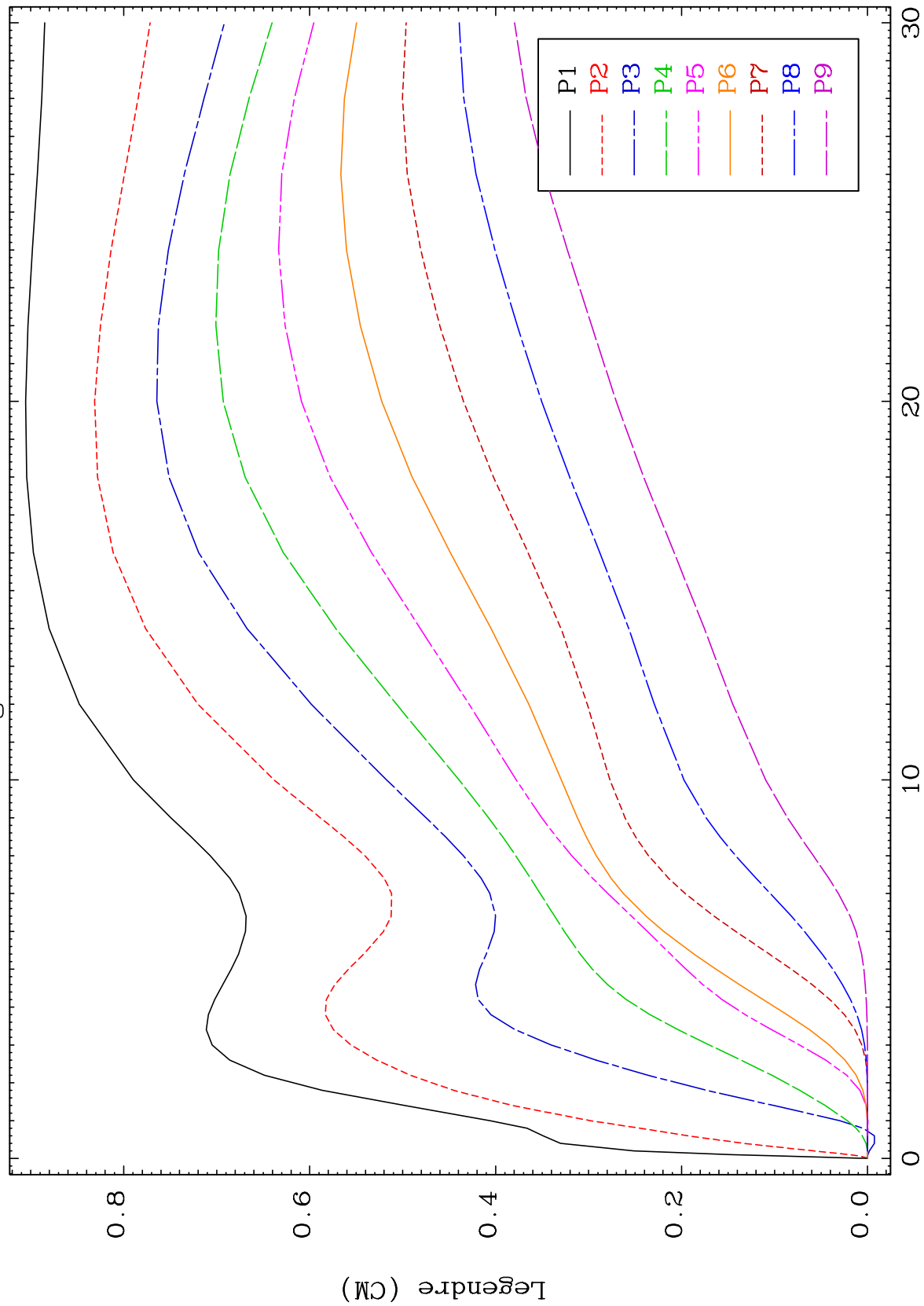
57-La-137



MAT 5722

57-La-137

Elastic Legendre Coefficients



57-La-137

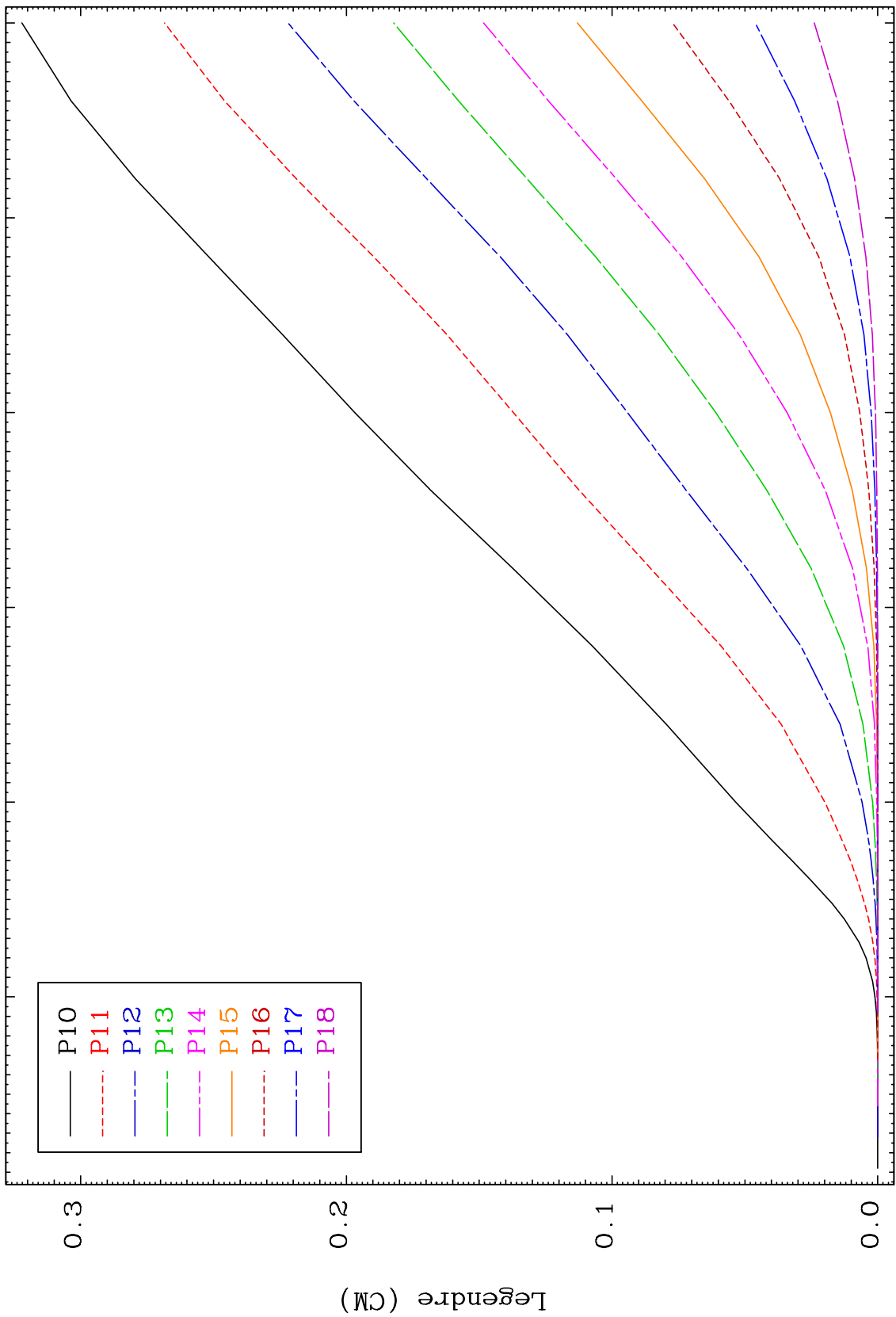
Incident Energy (MeV)

15

MAT 5722

Elastic Legendre Coefficients

57-La-137



16

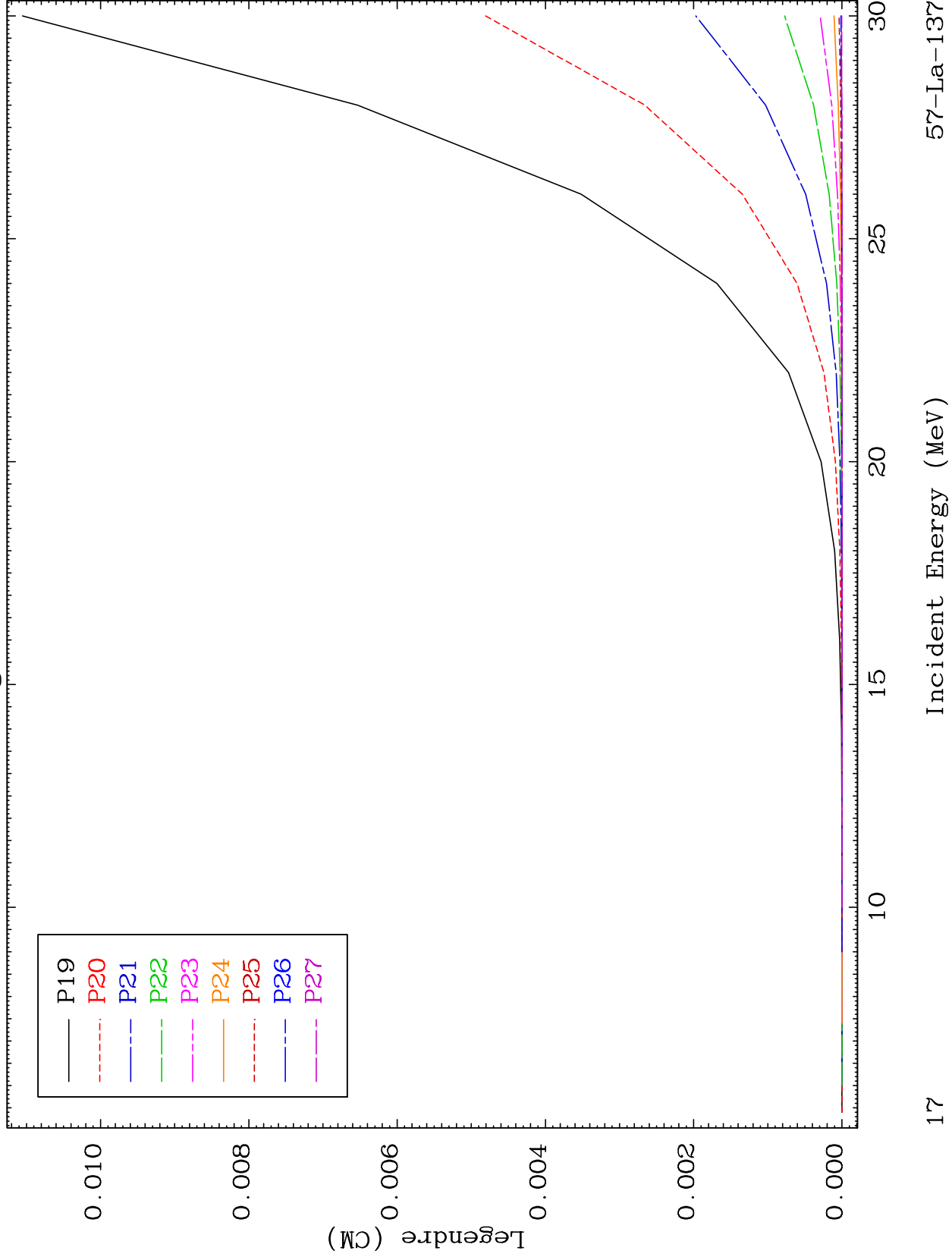
Incident Energy (MeV)

57-La-137

MAT 5722

Elastic Legendre Coefficients

57-La-137



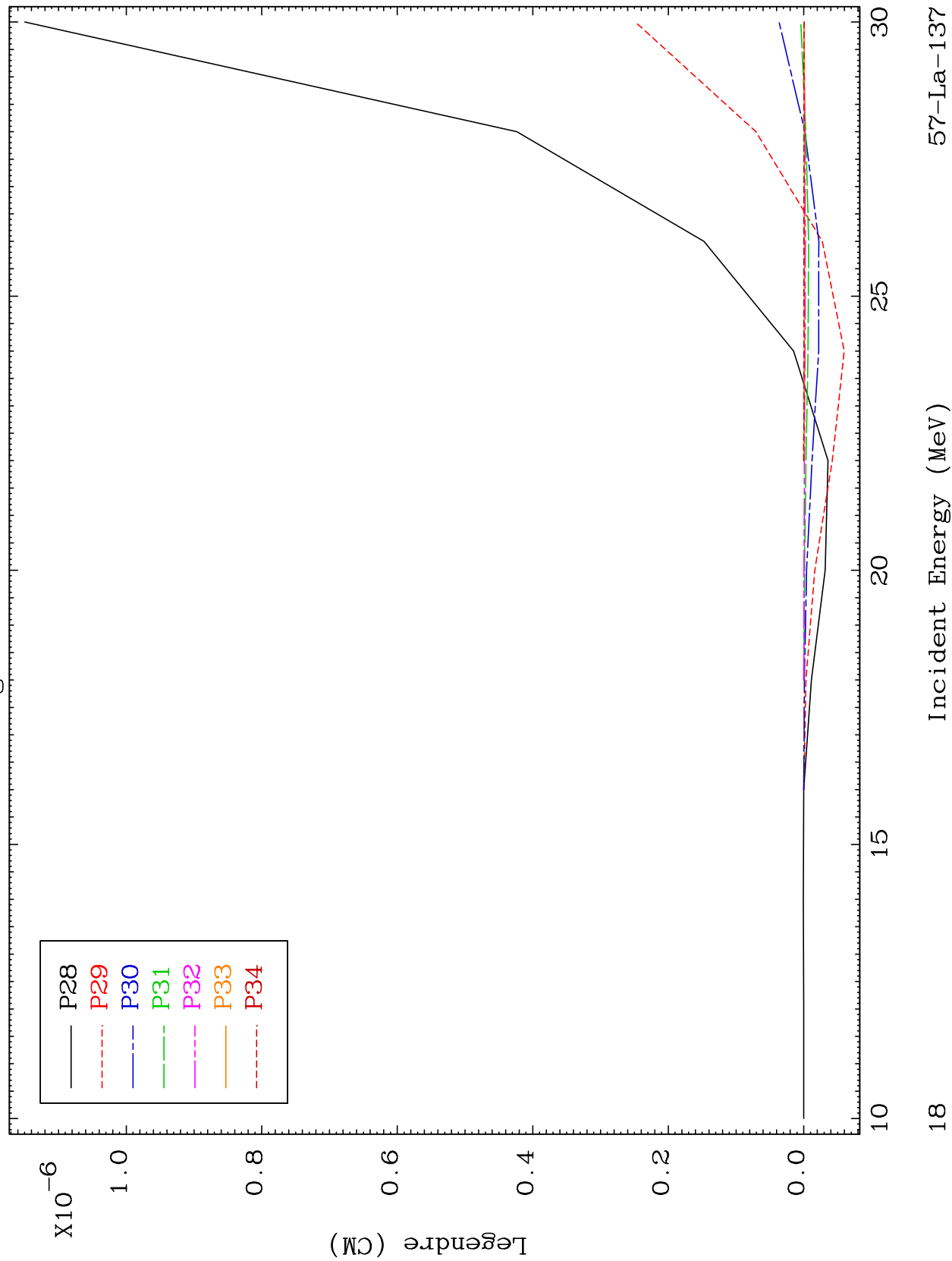
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57-La-137

MAT 5722

Elastic
Legendre Coefficients

57-La-137



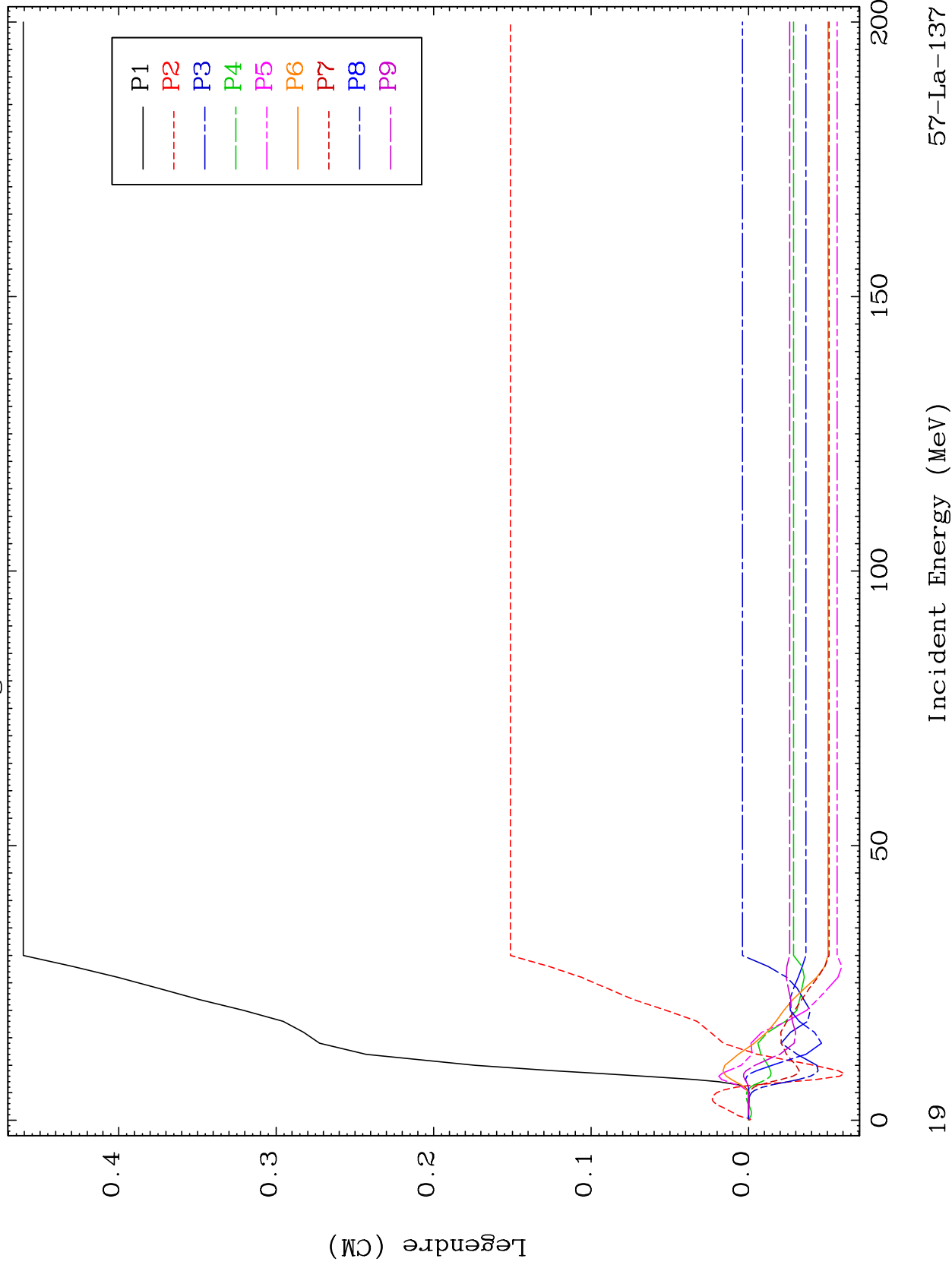
57-La-137

Incident Energy (MeV)

MAT 5722

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

57-La-137



57-La-137

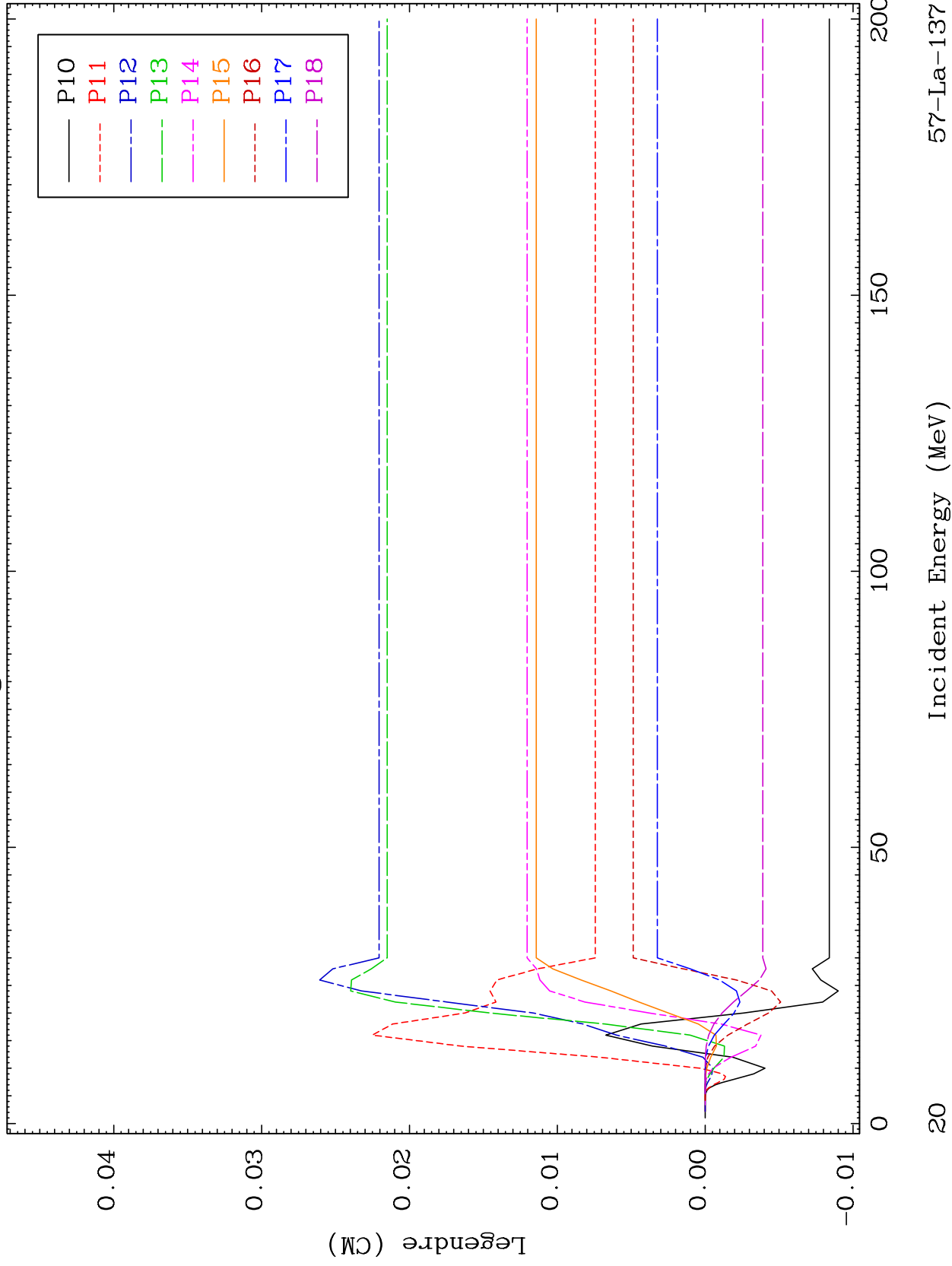
Incident Energy (MeV)

19

MAT 5722

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

57-La-137

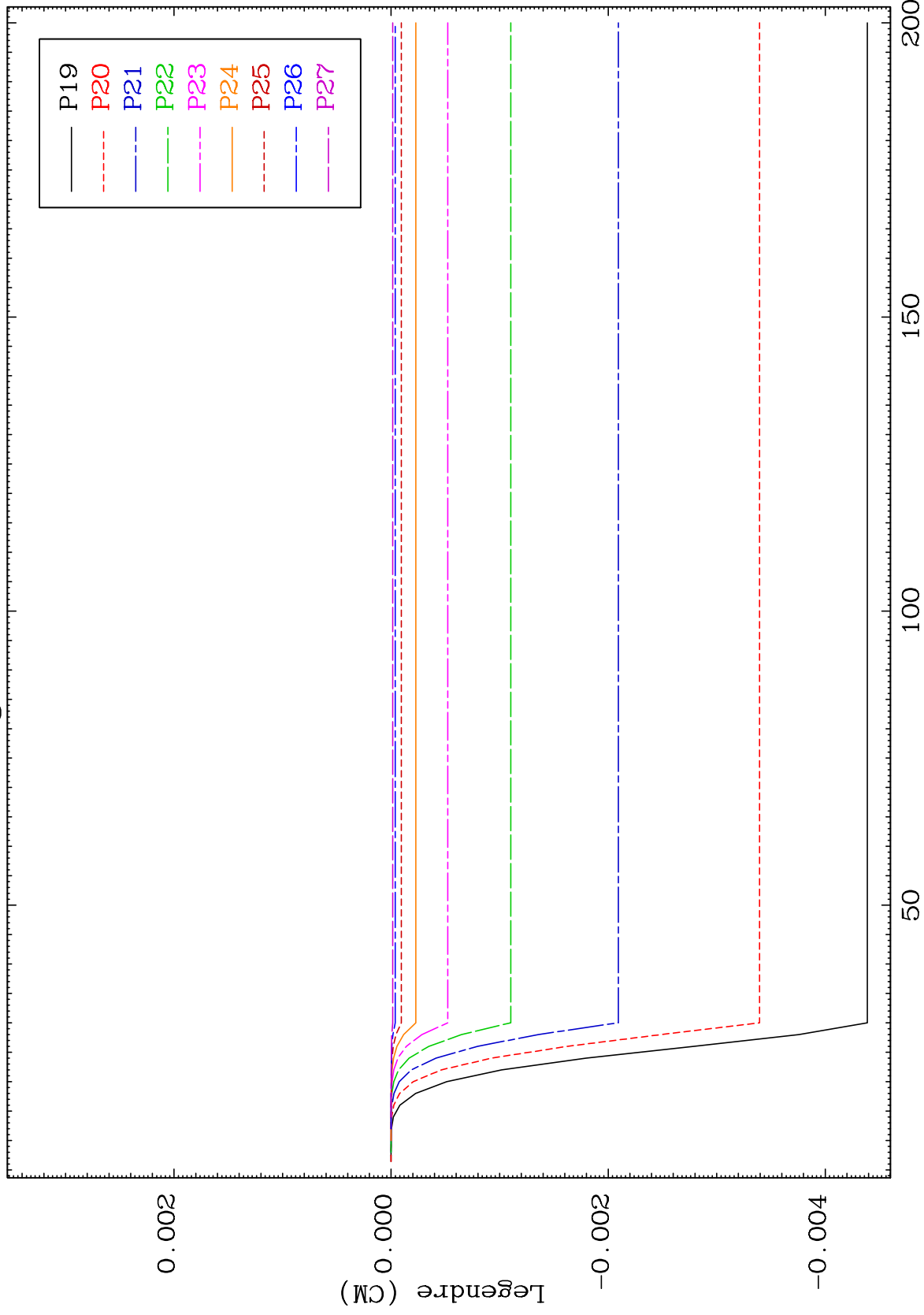


57-La-137

MAT 5722

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

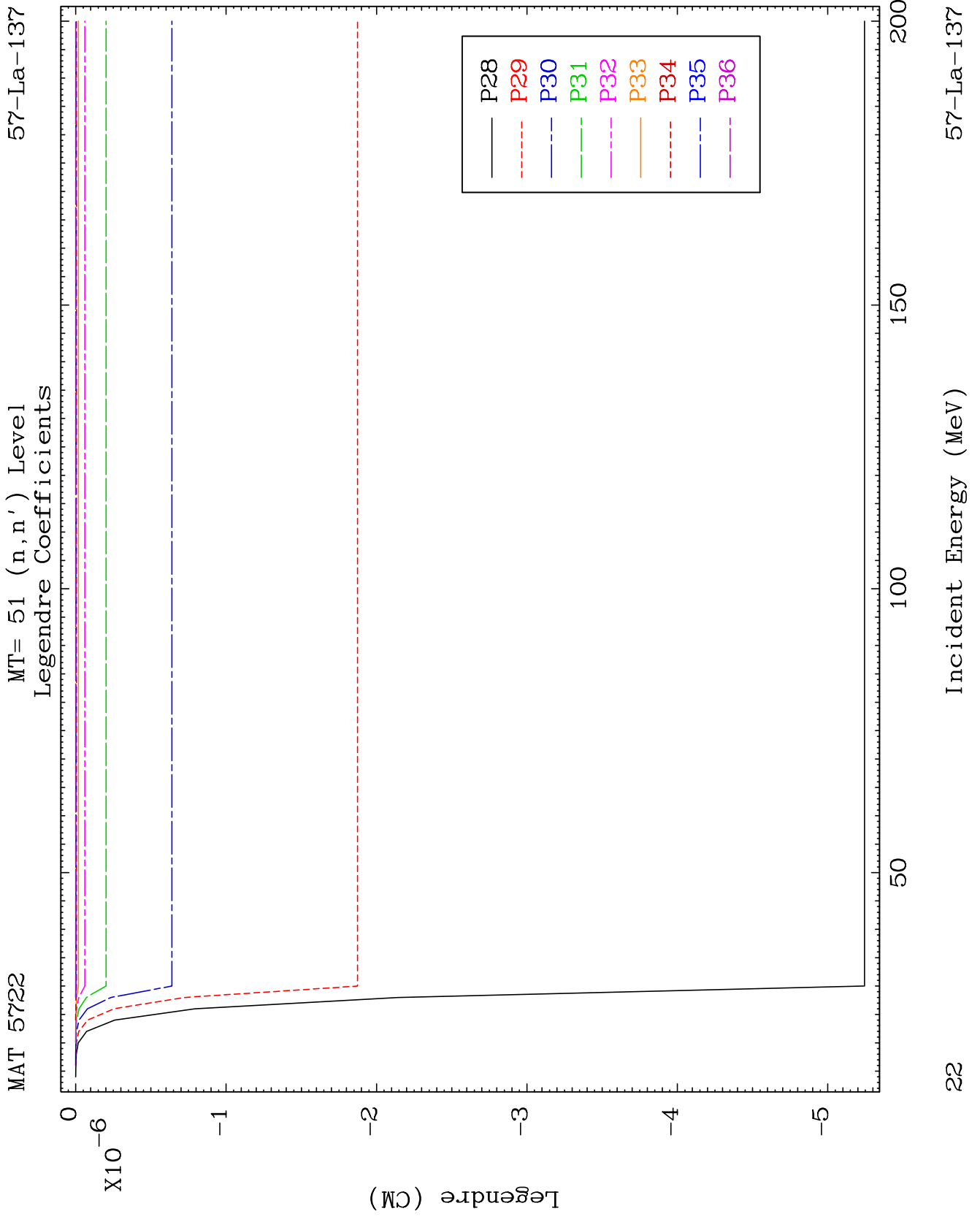
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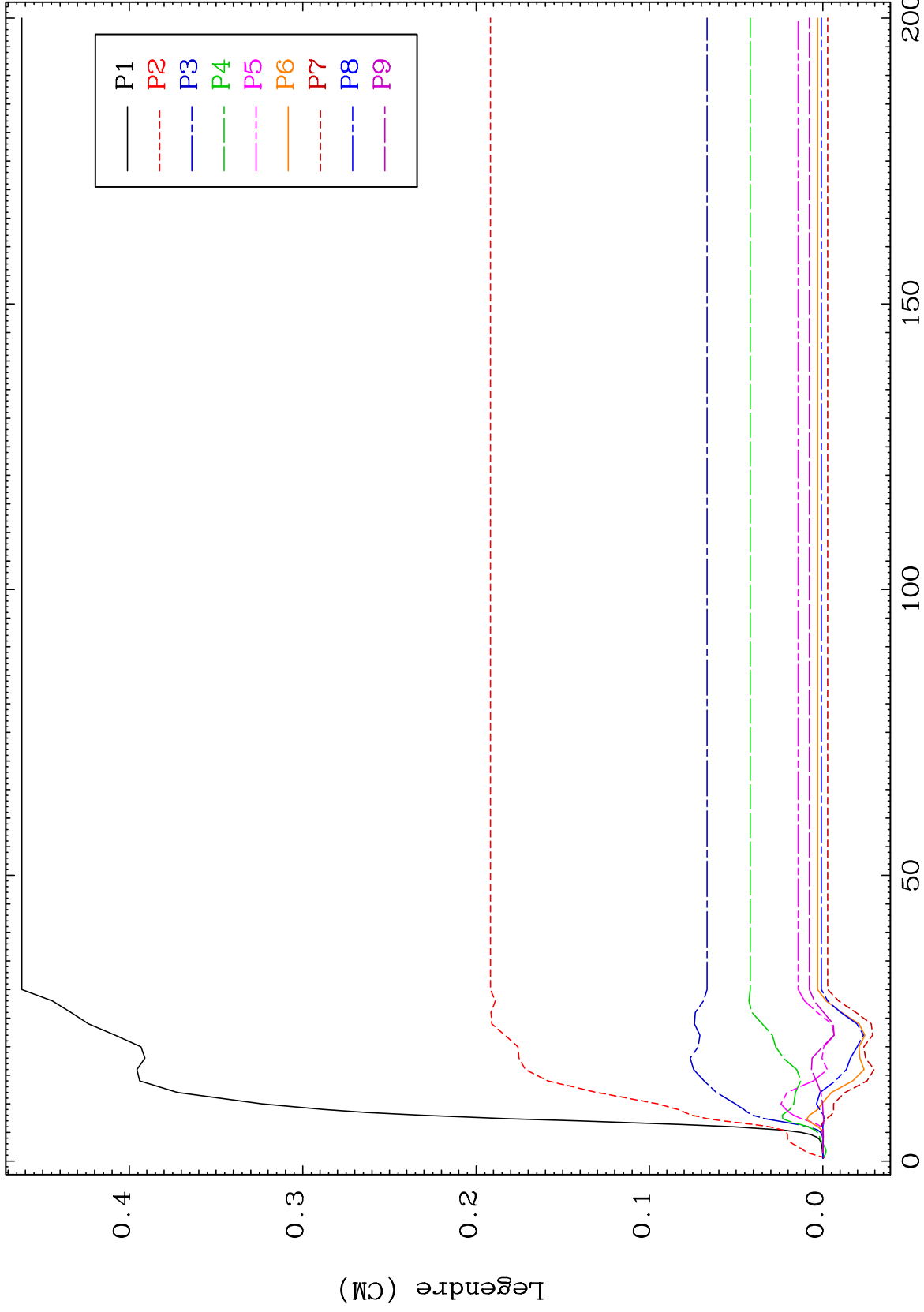


21

Incident Energy (MeV)

57-La-137

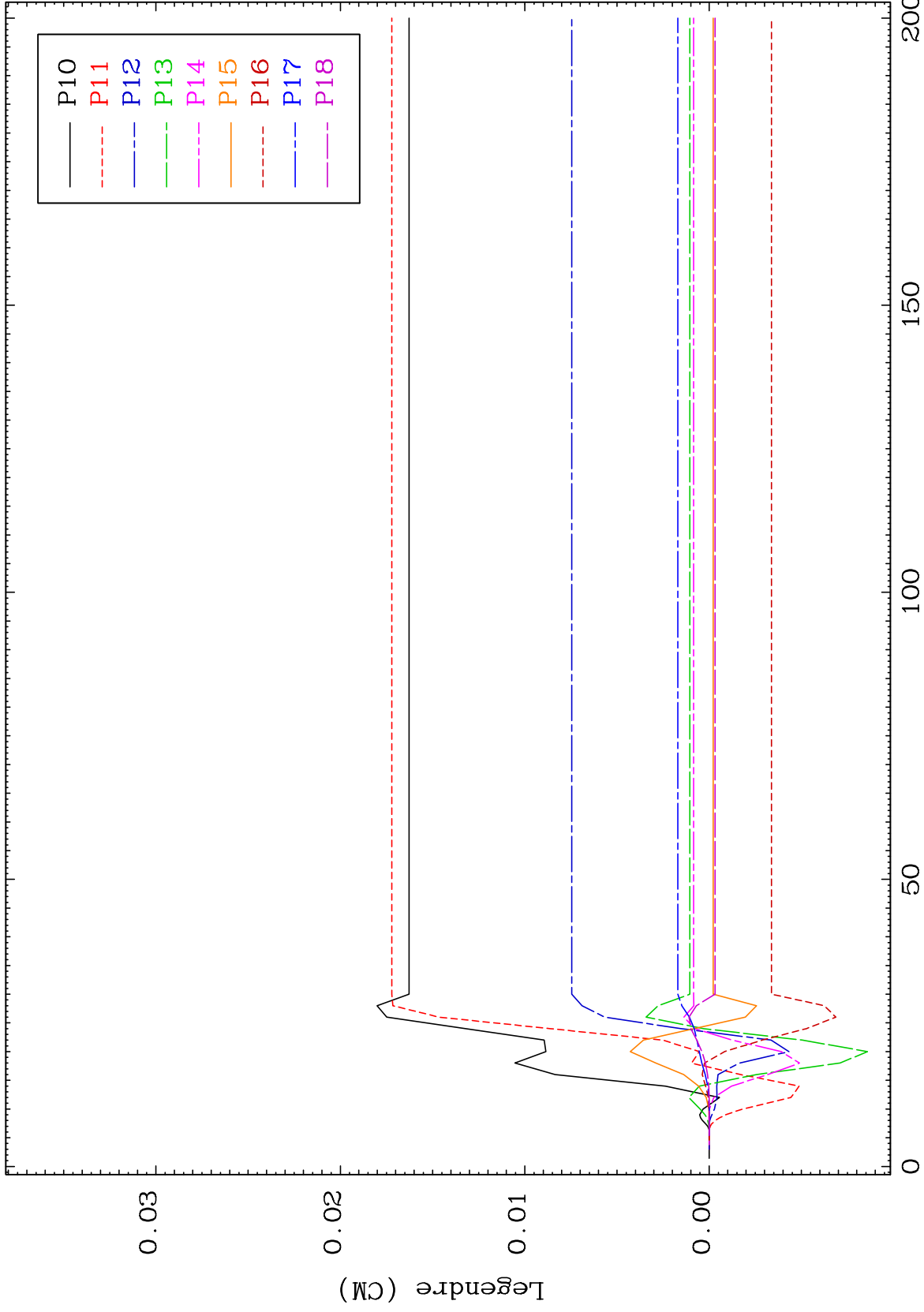




MAT 5722

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

57-La-137



24

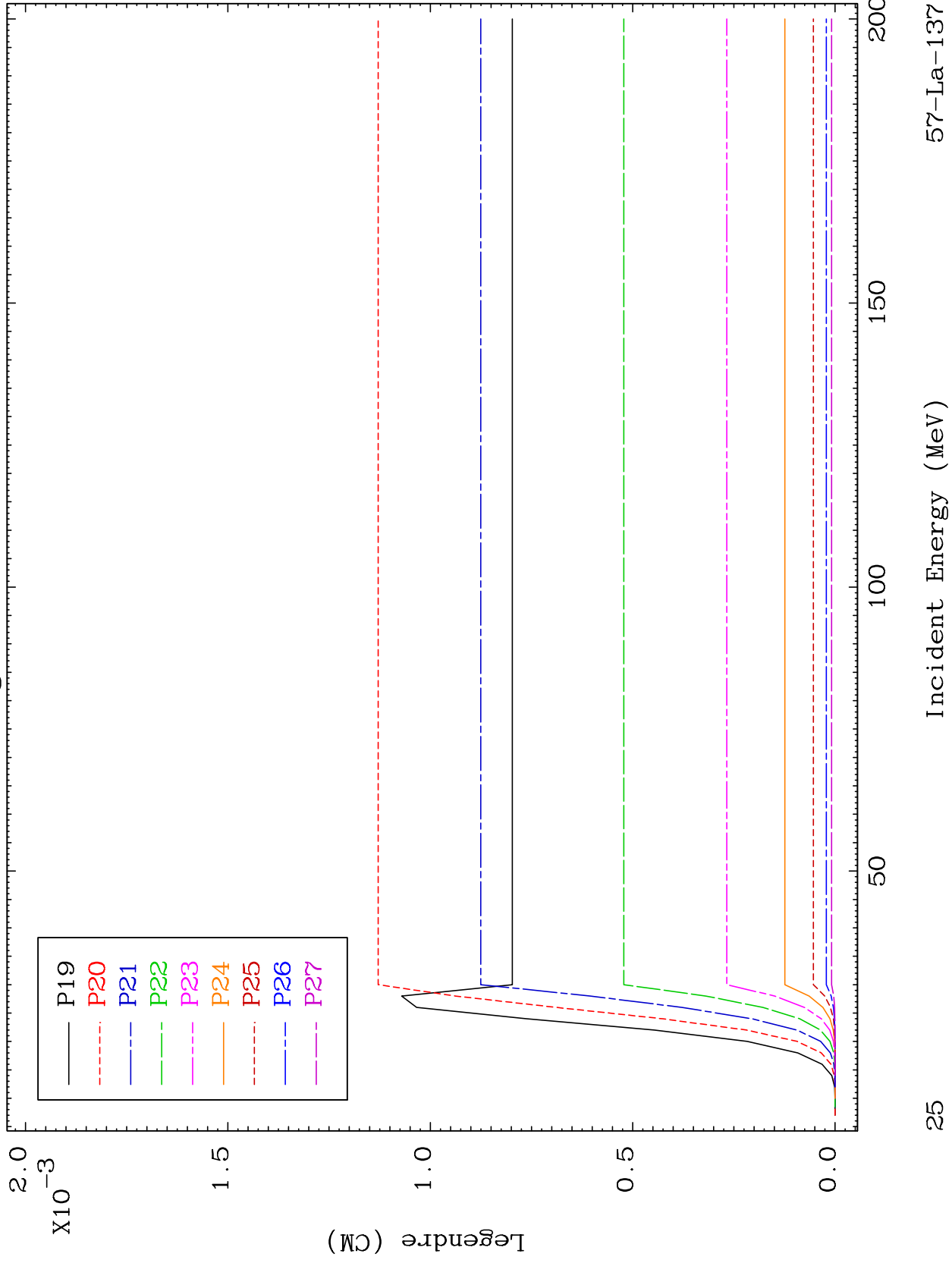
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



25

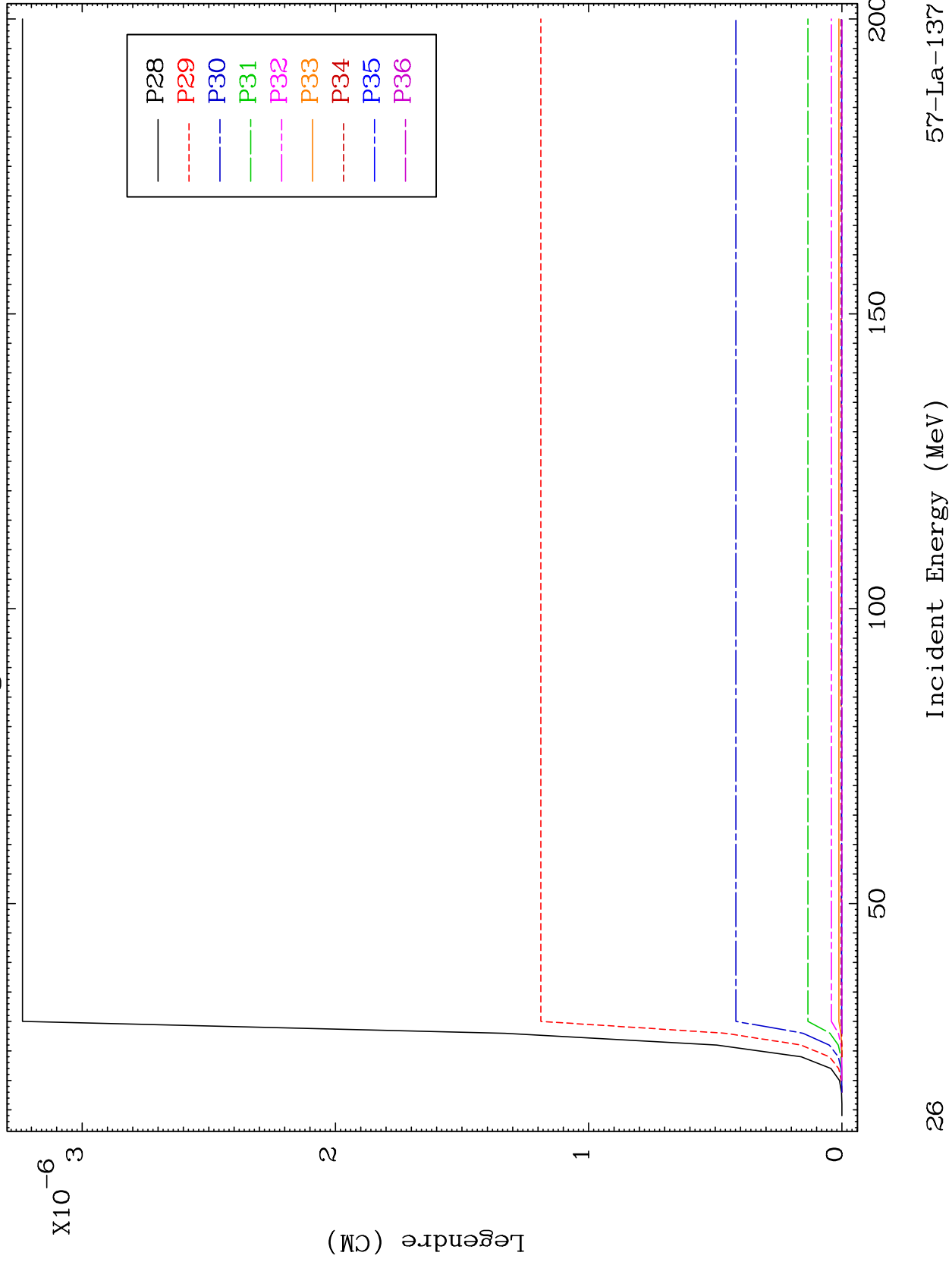
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



26

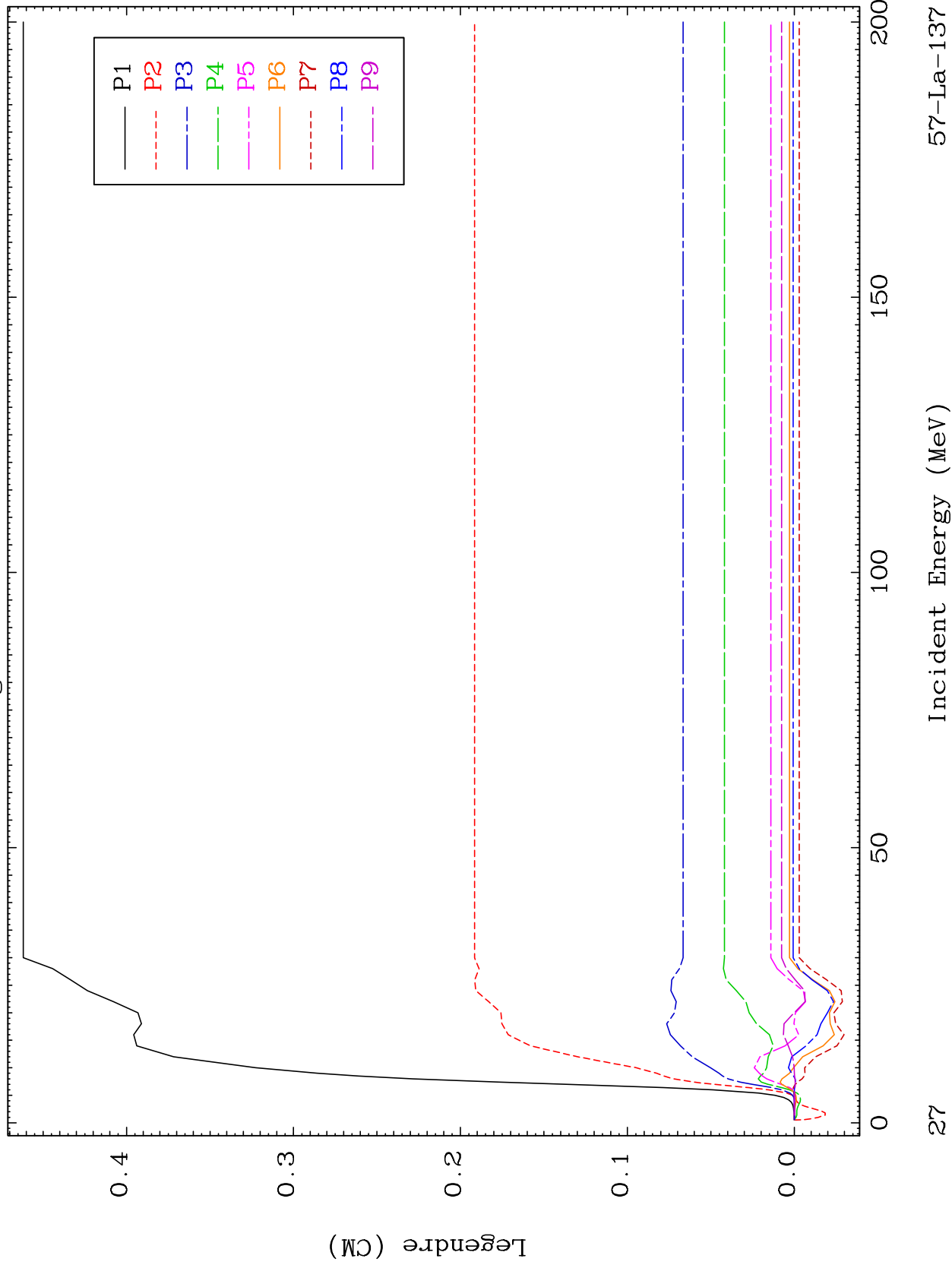
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



57-La-137

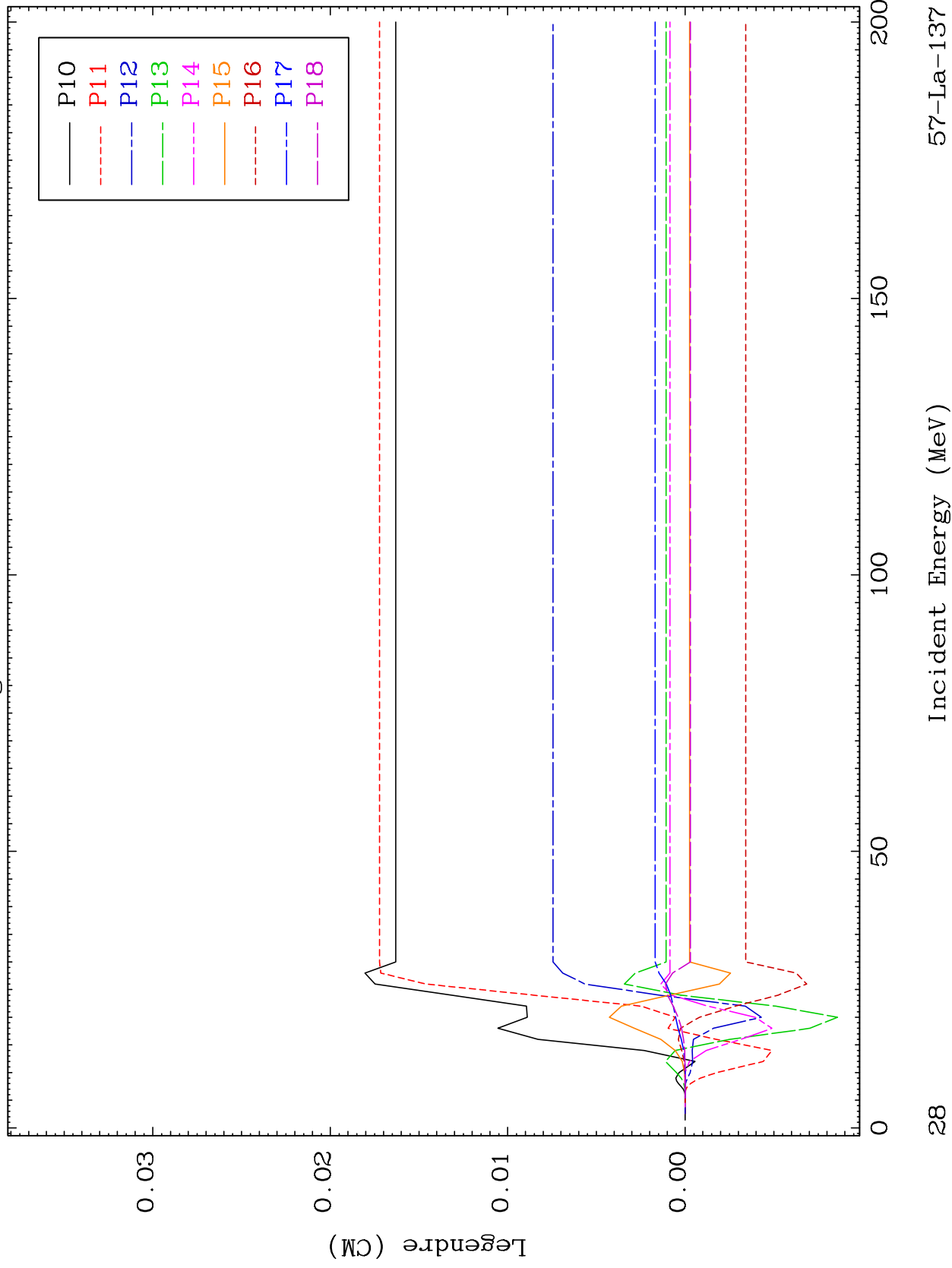
Incident Energy (MeV)

27

MAT 5722

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

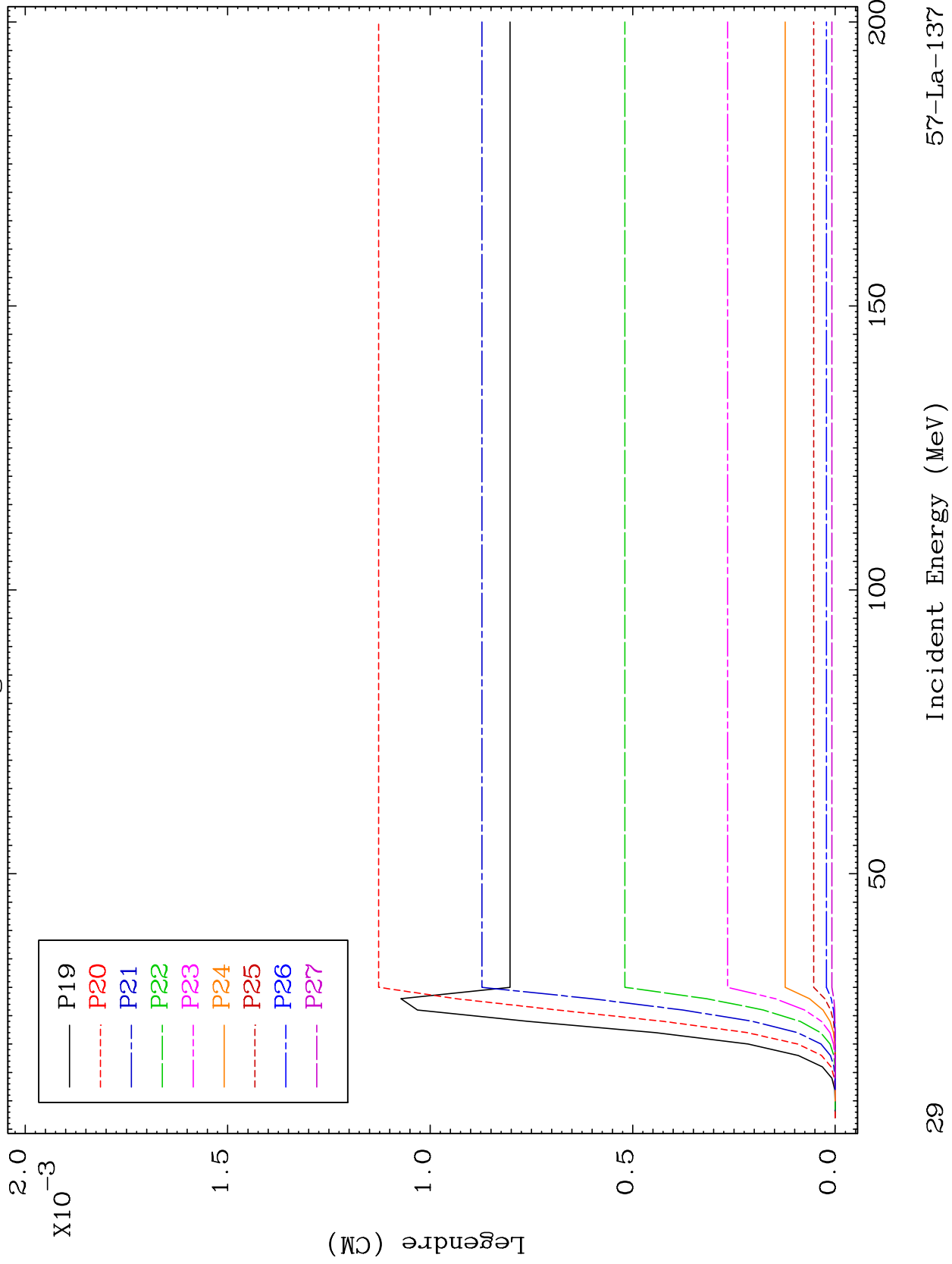
57-La-137



57-La-137

Incident Energy (MeV)

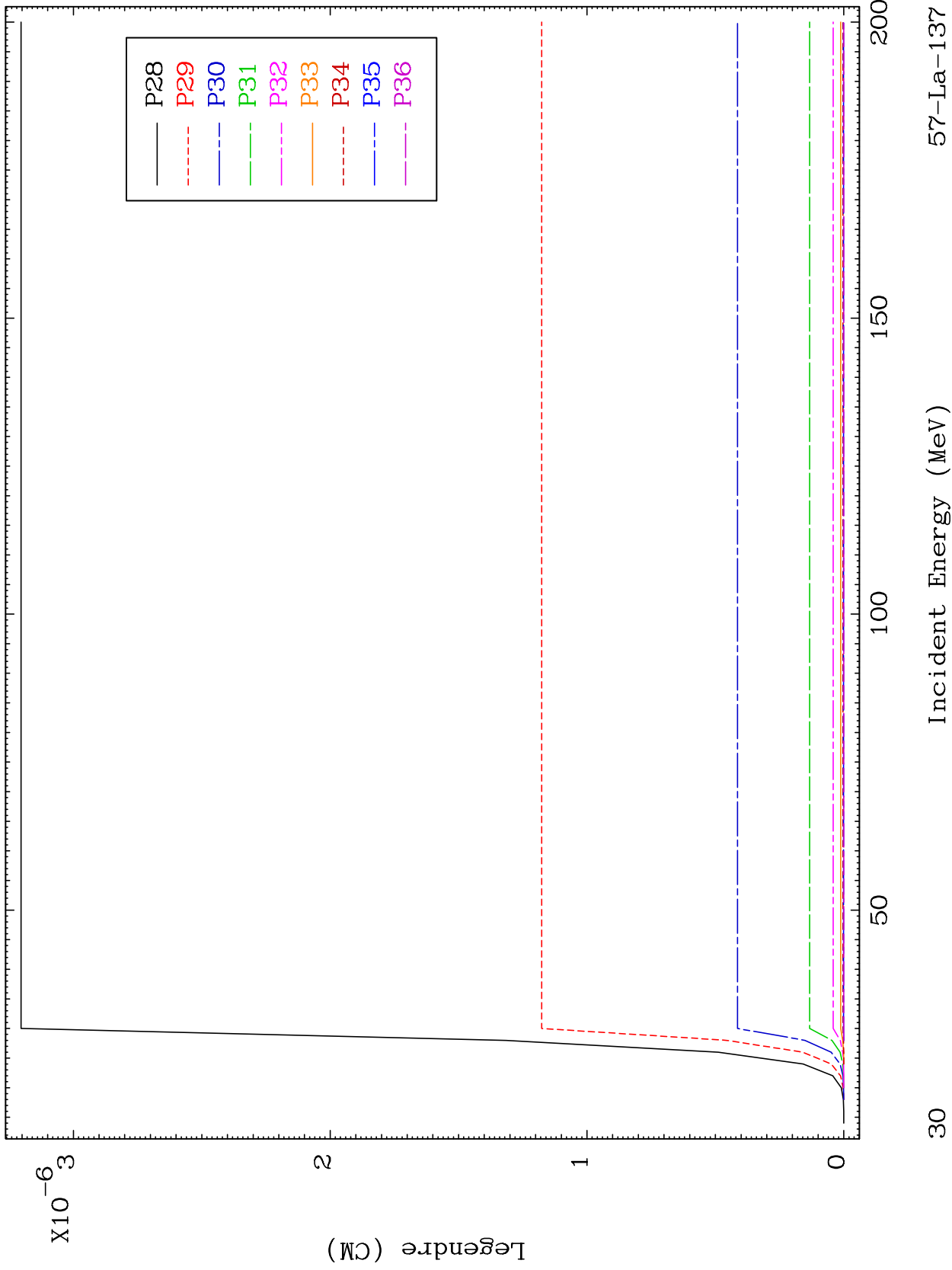
28



MAT 5722

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

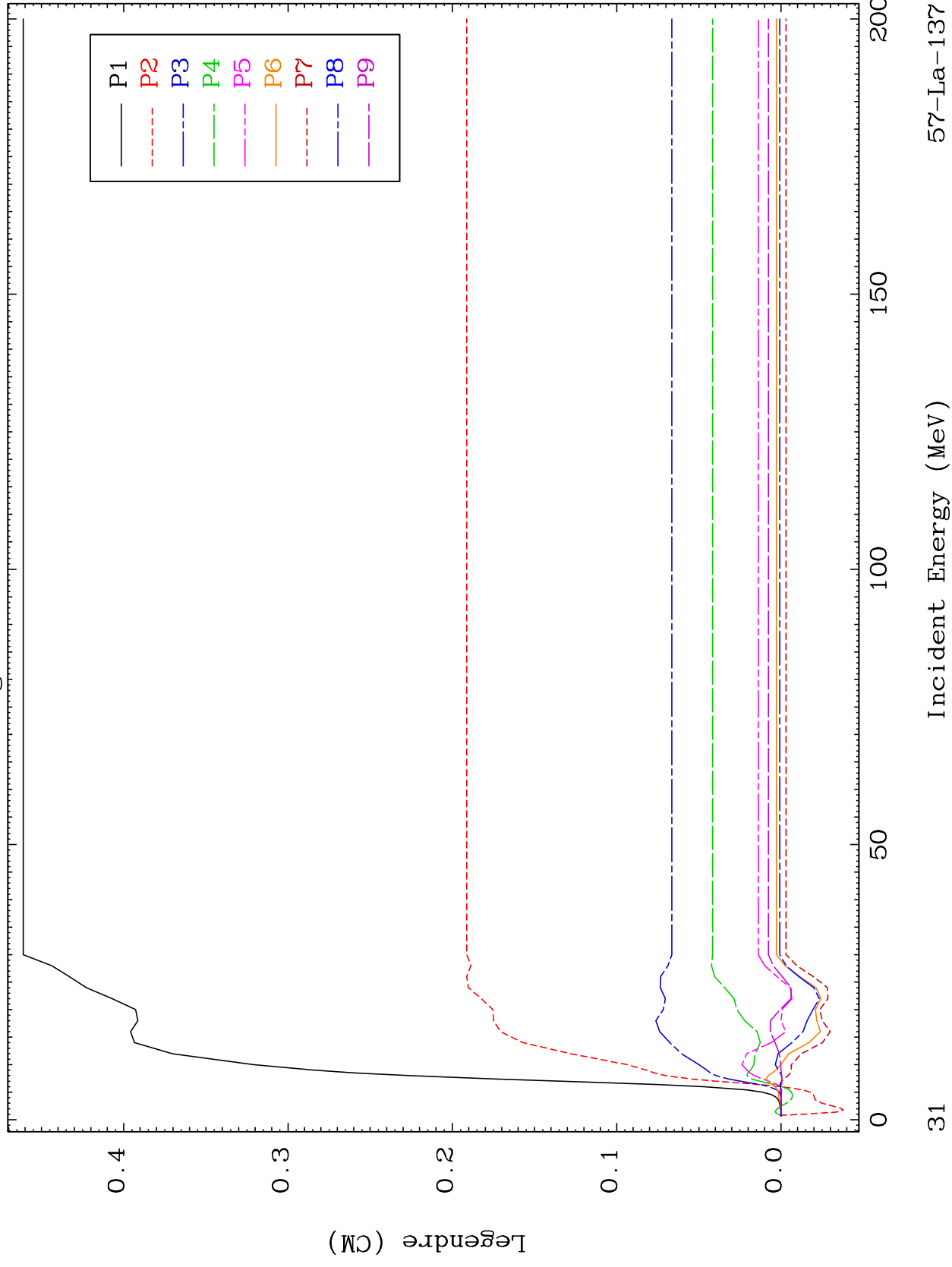
57-La-137



MAT 5722

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

57-La-137



57-La-137

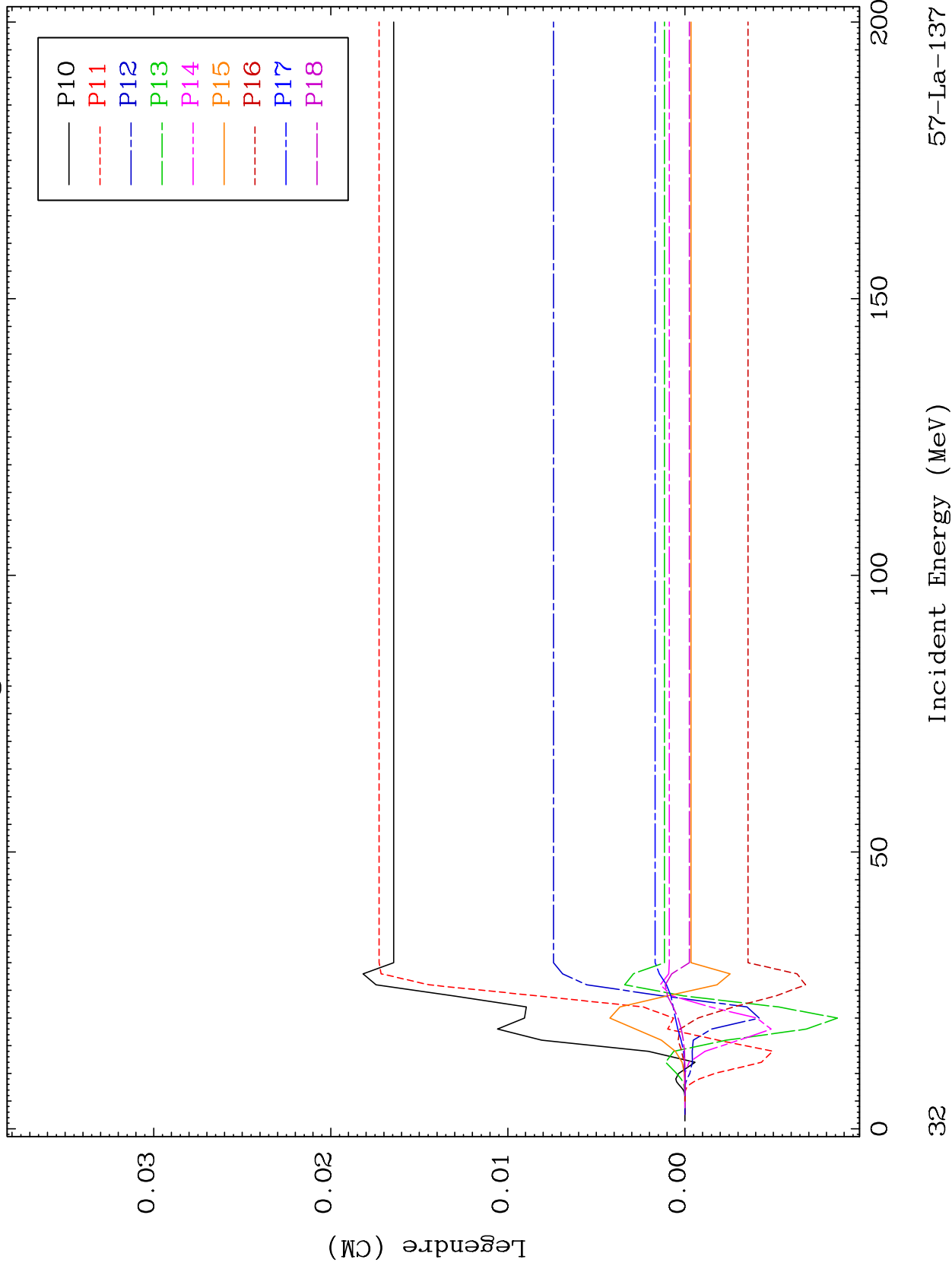
Incident Energy (MeV)

31

MAT 5722

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

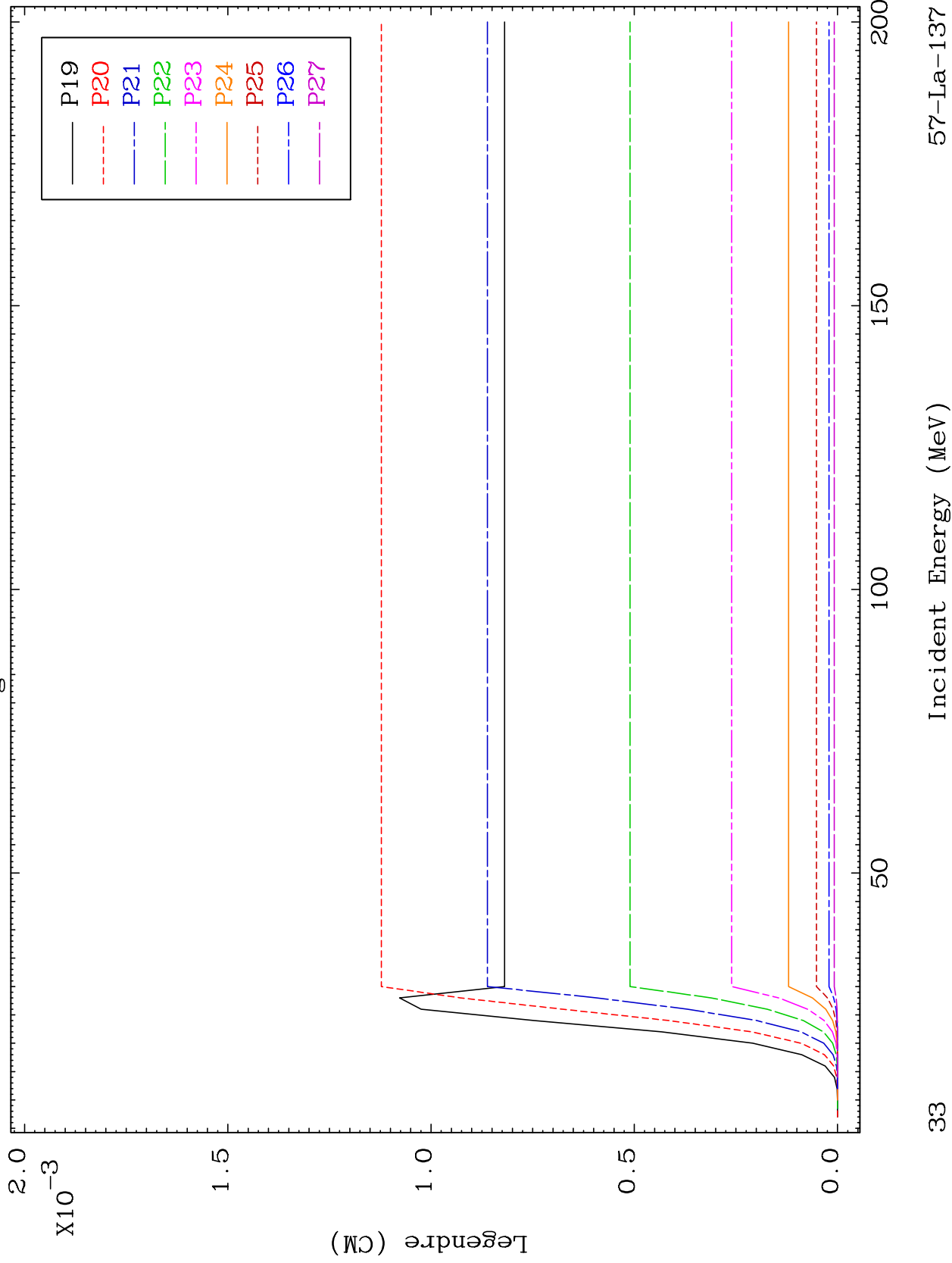
57-La-137



57-La-137

Incident Energy (MeV)

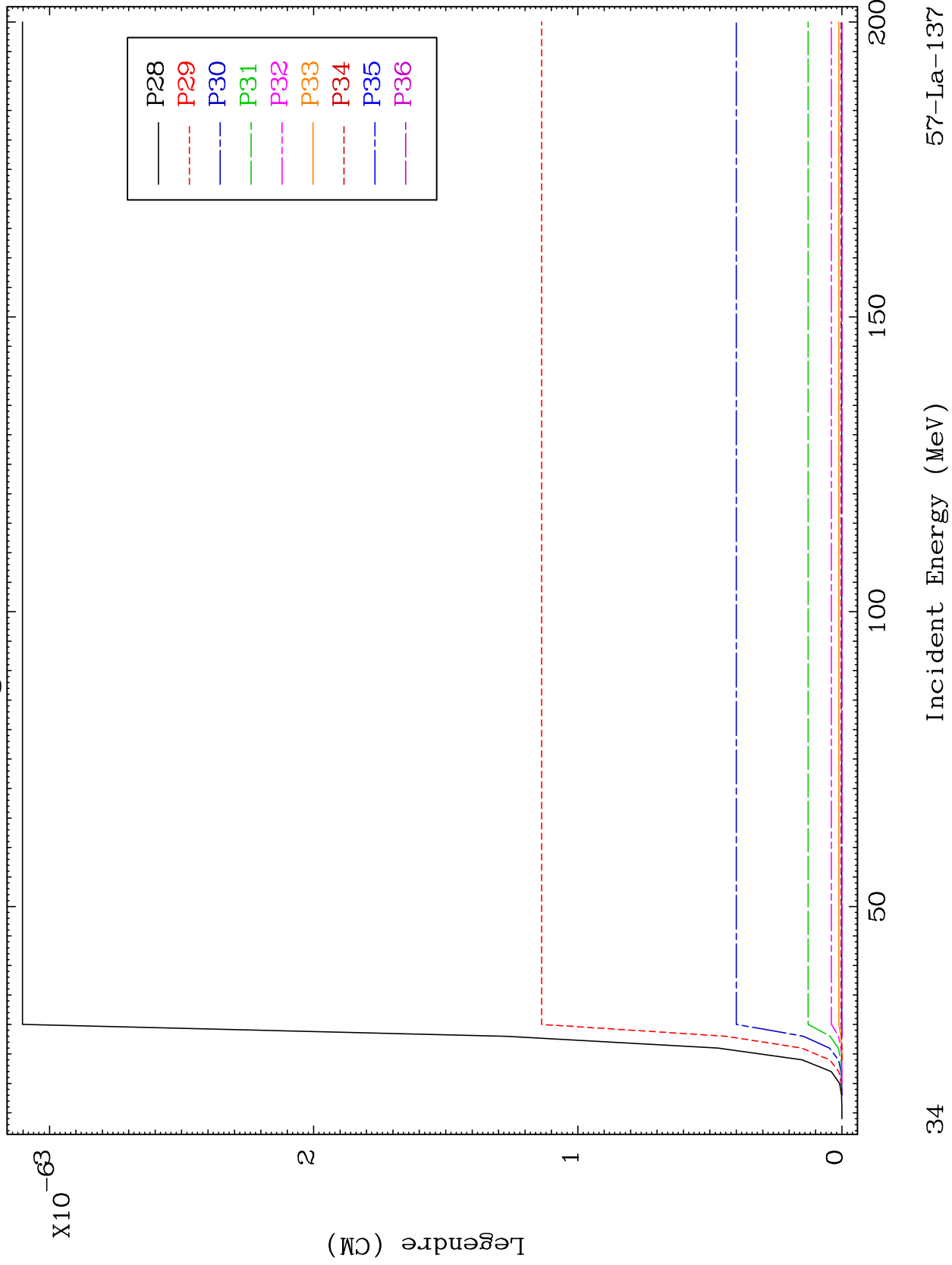
32



MAT 5722

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

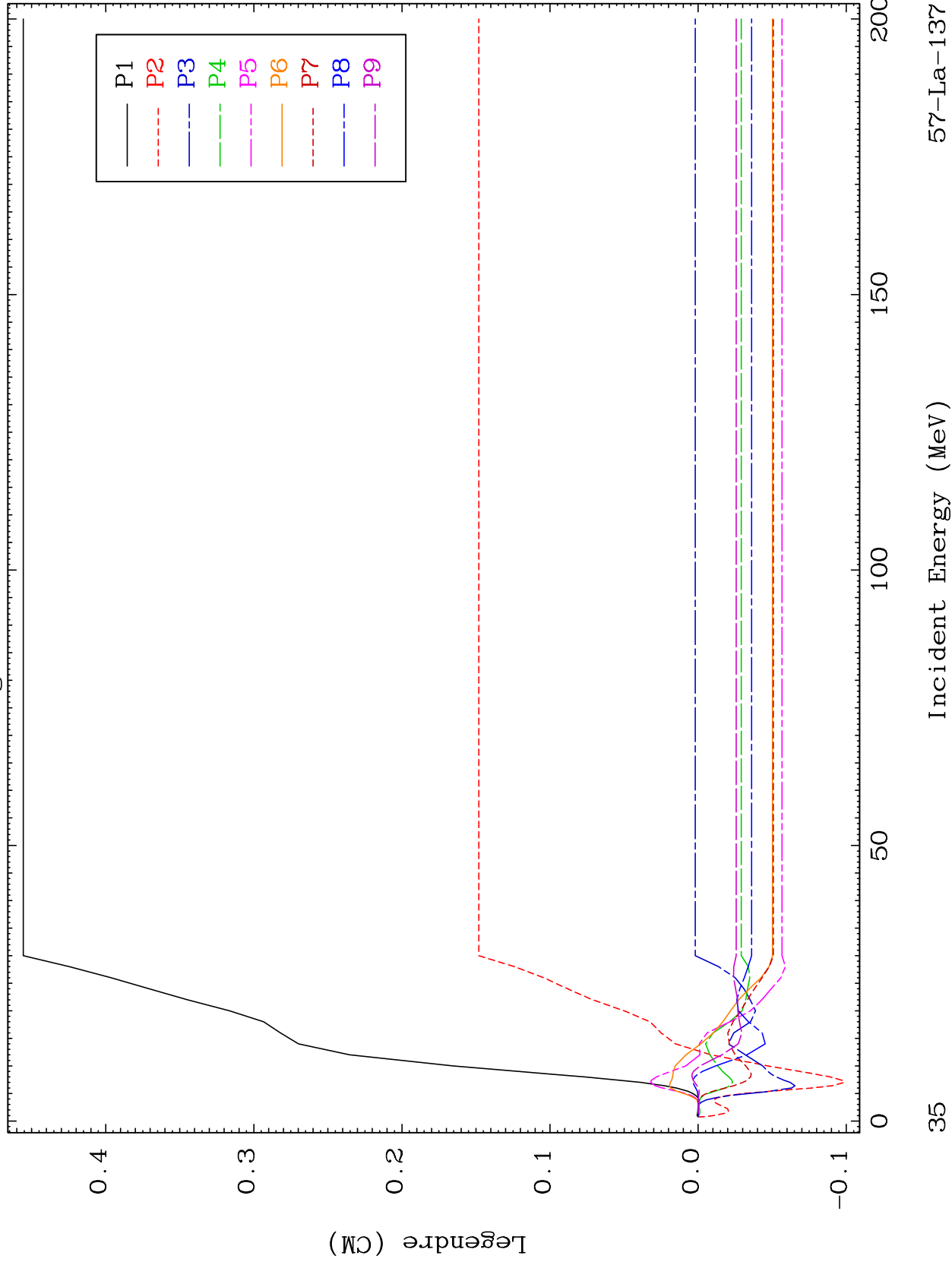
57-La-137



MAT 5722

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

57-La-137



57-La-137

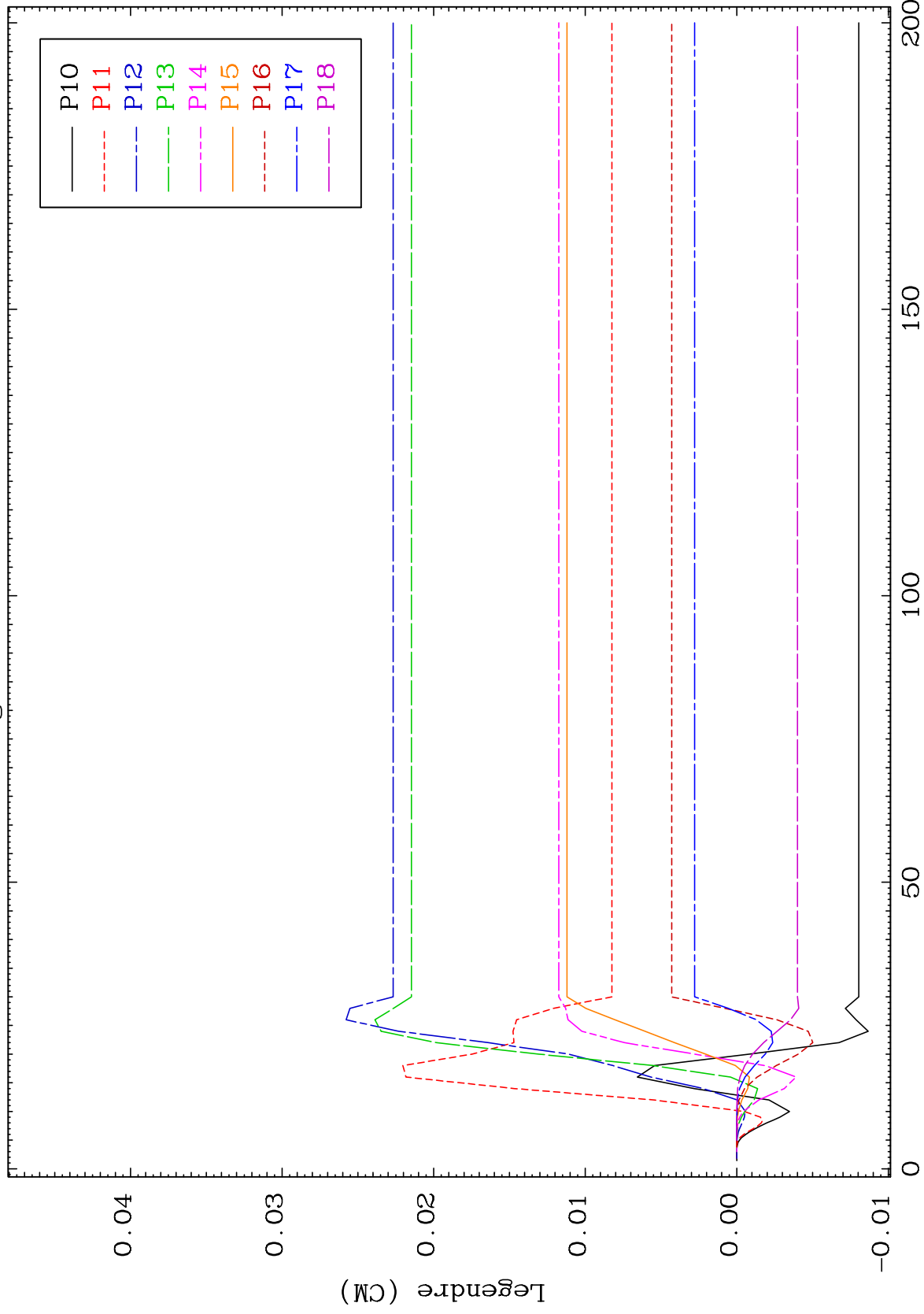
Incident Energy (MeV)

35

MAT 5722

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

57-La-137



36

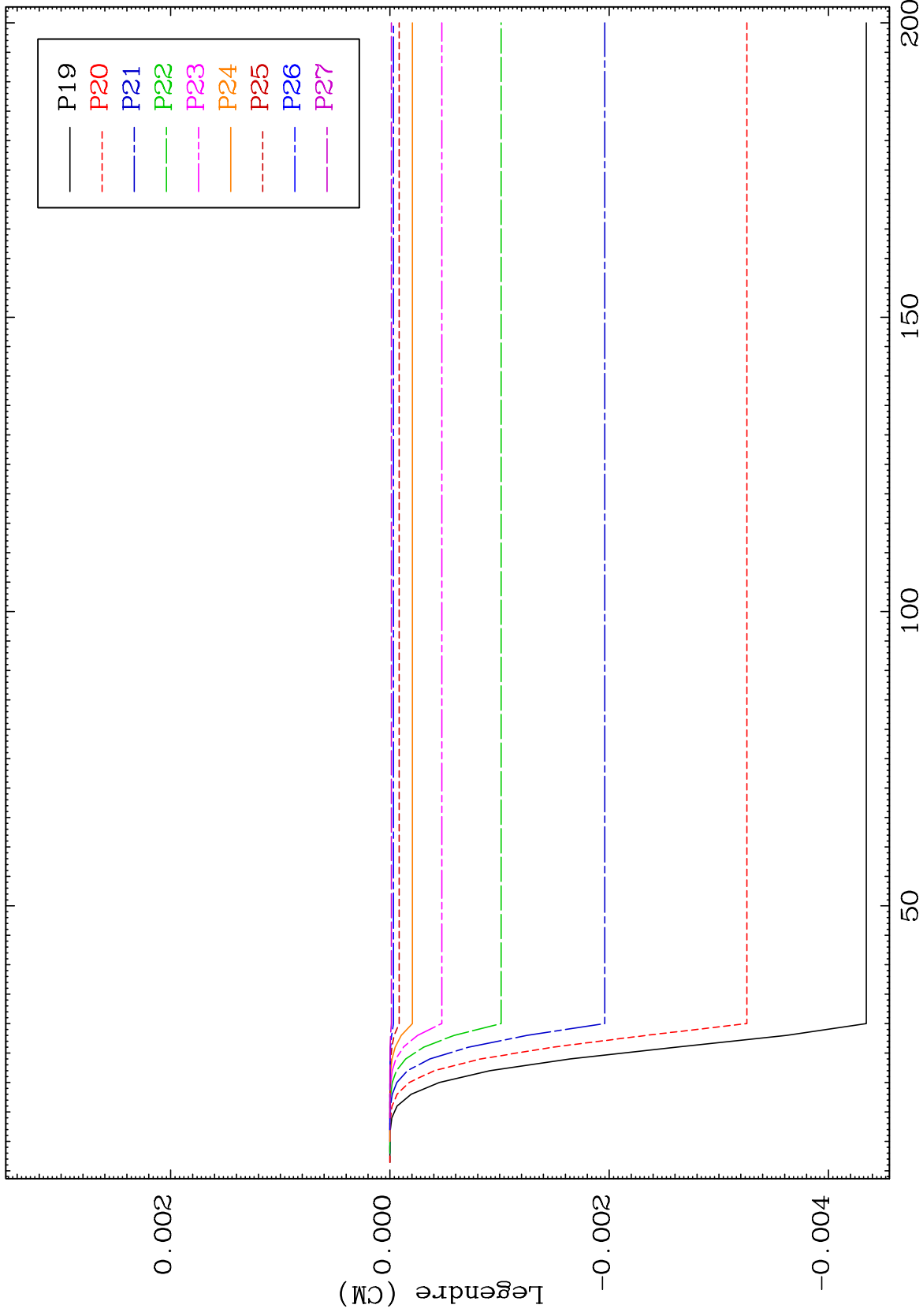
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



37

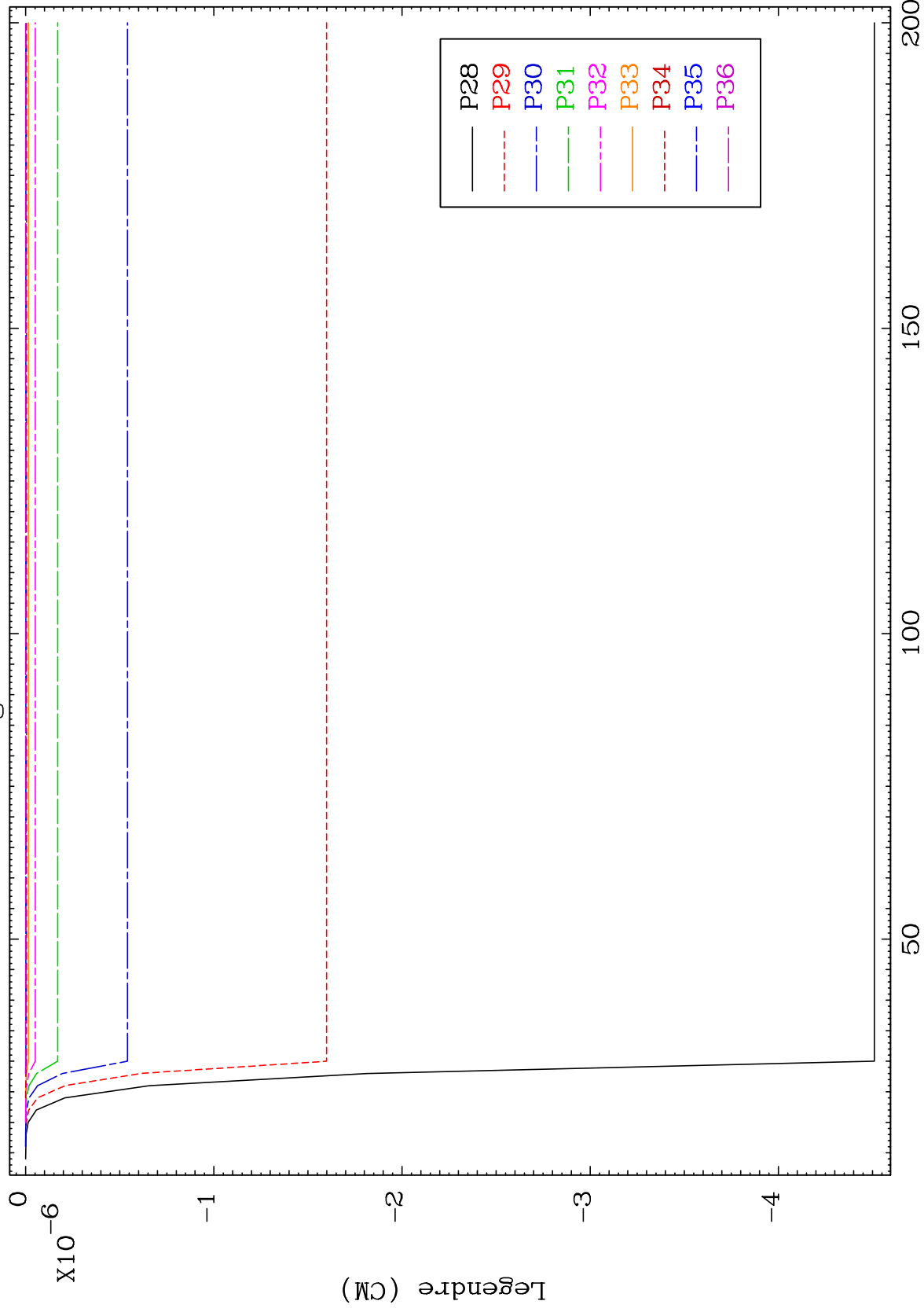
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



38

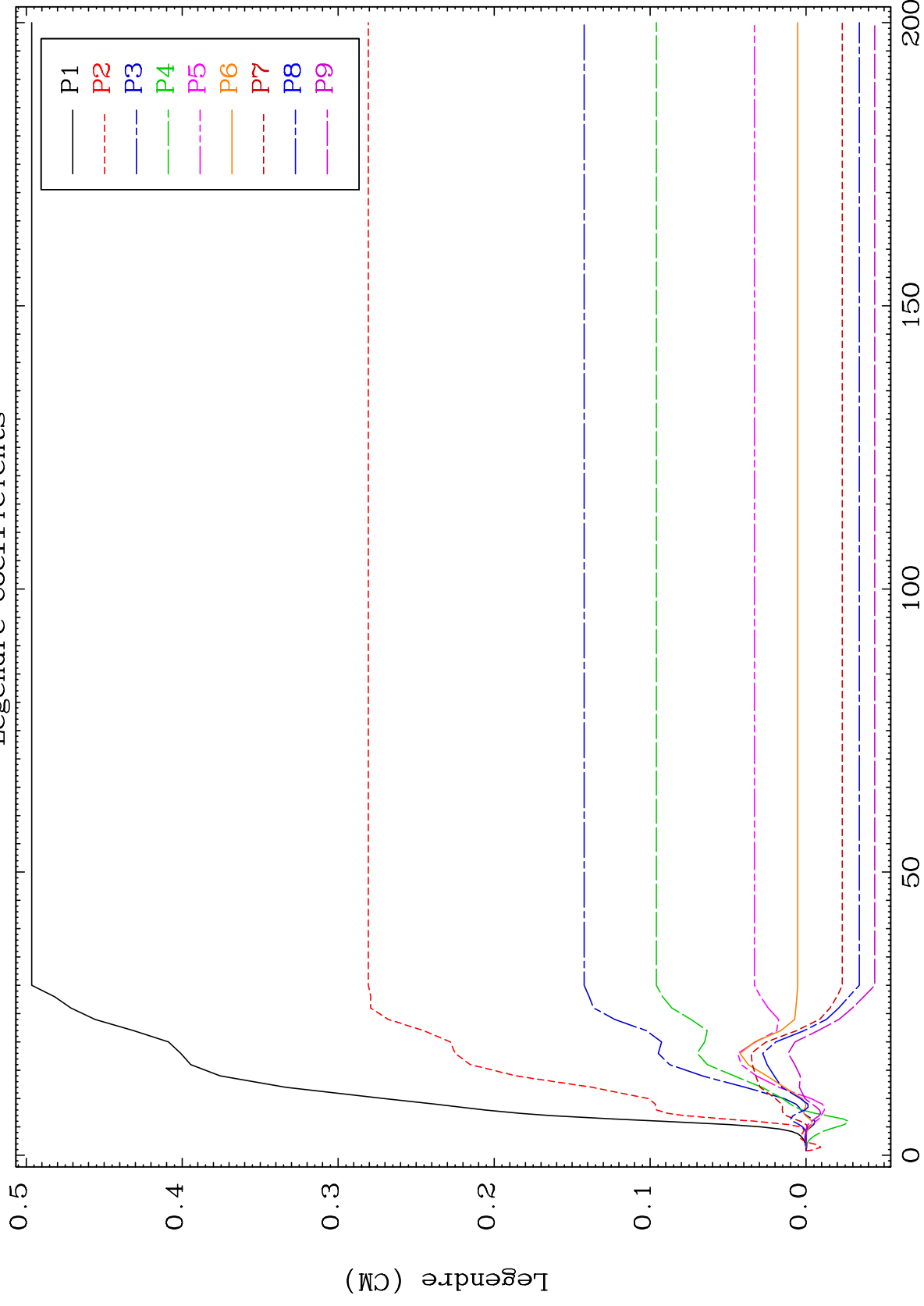
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



39

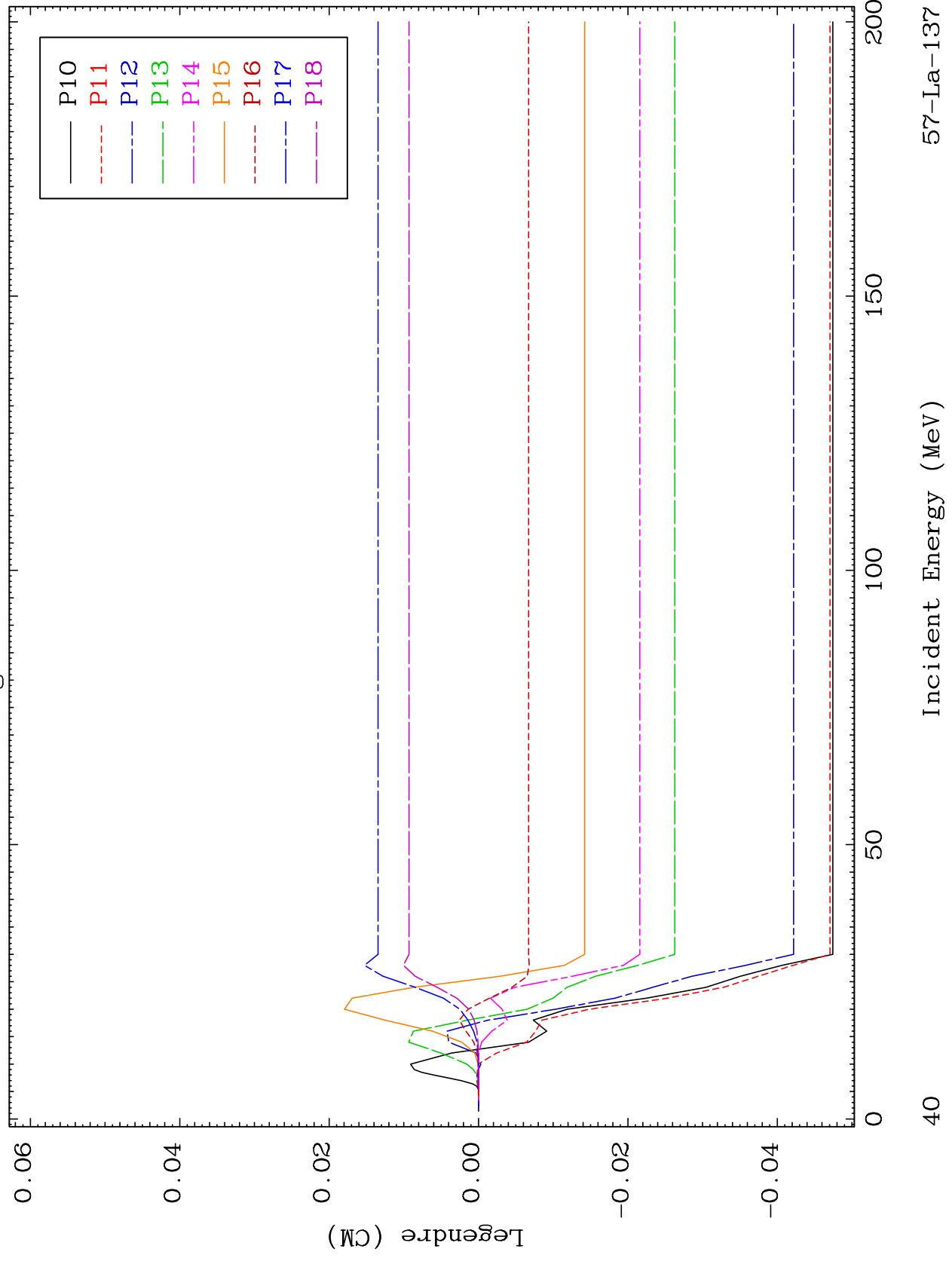
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



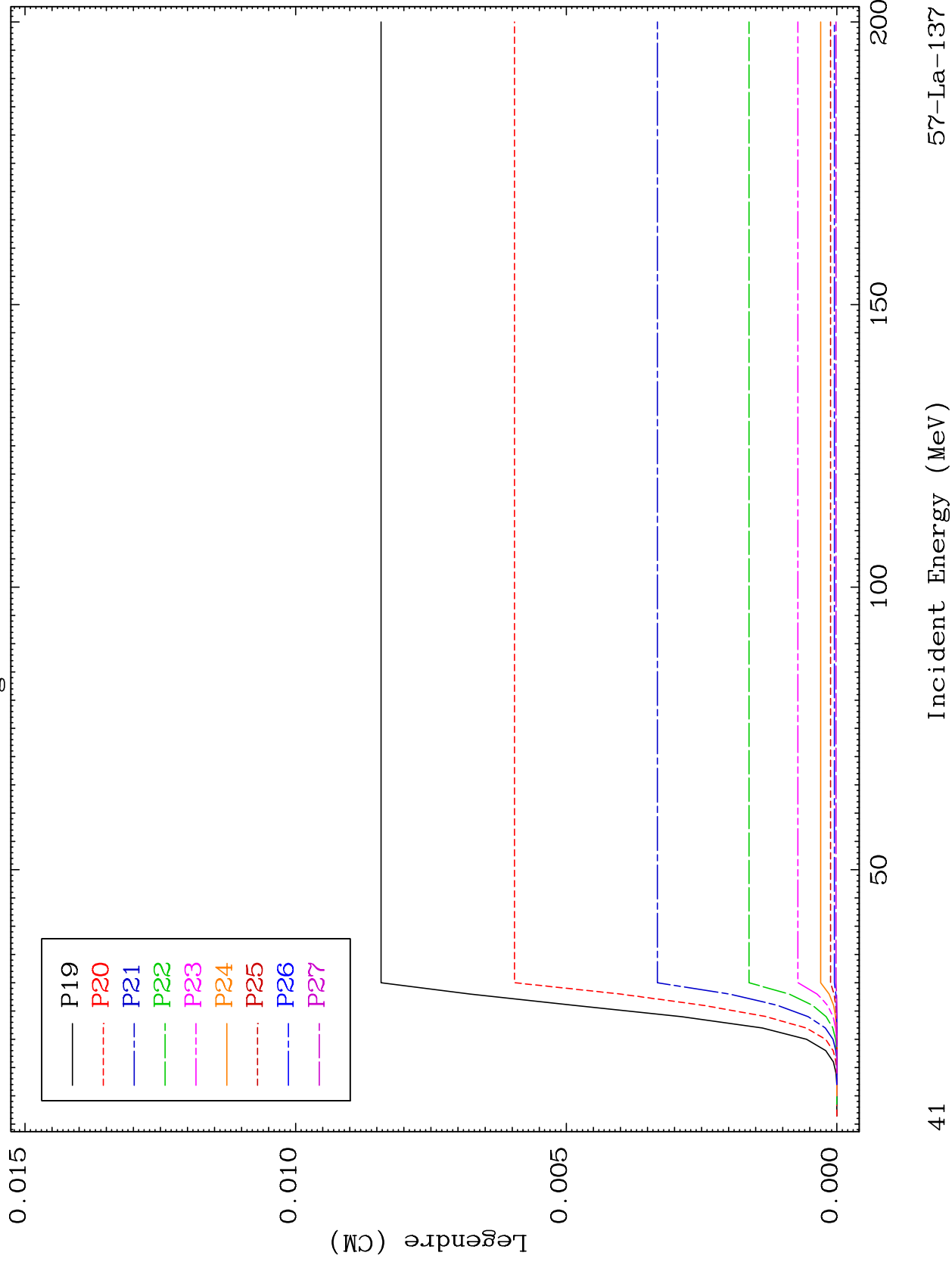
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Incident Energy (MeV)

MAT 5722

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

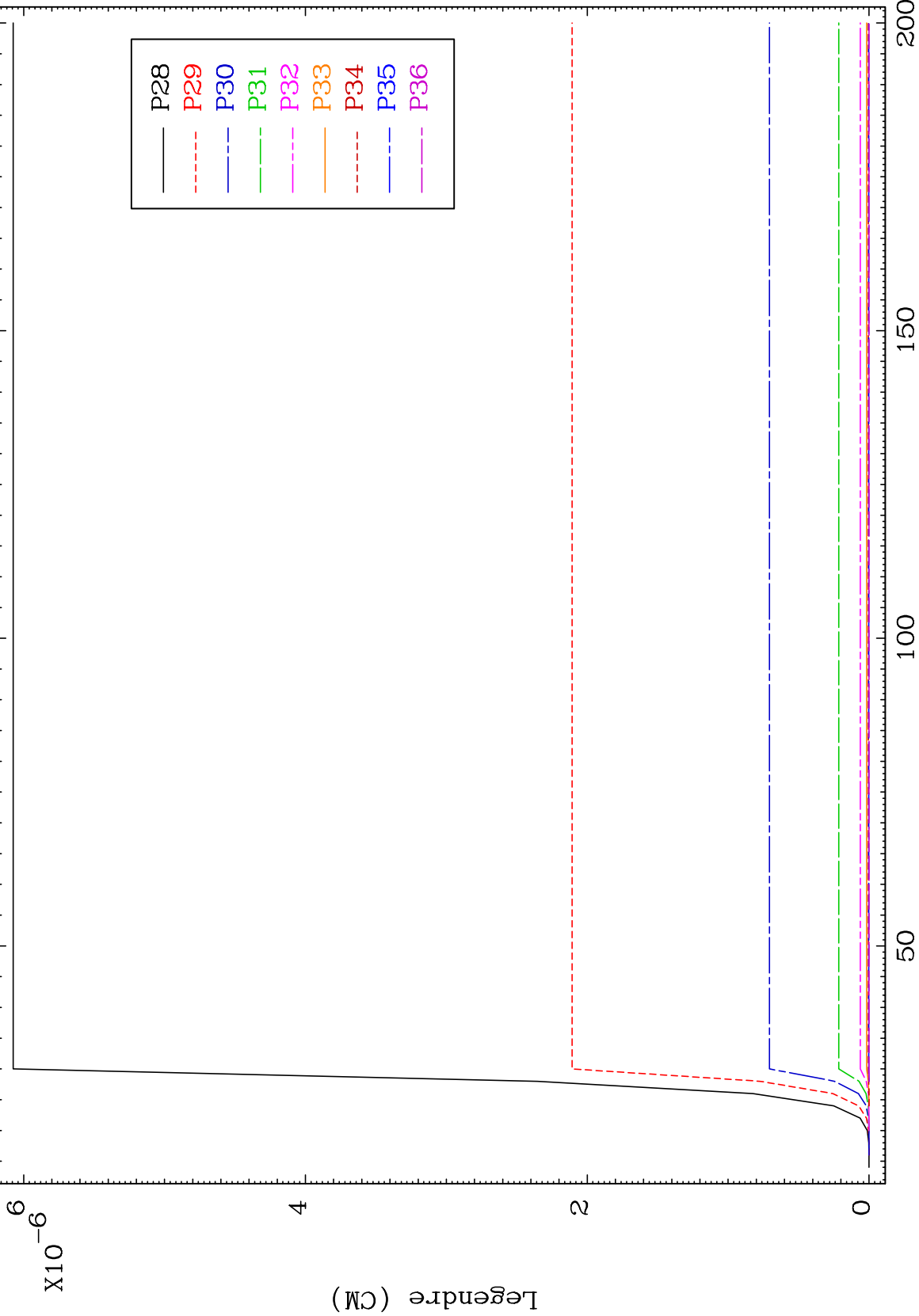
57-La-137



MAT 5722

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

57-La-137



42

Incident Energy (MeV)

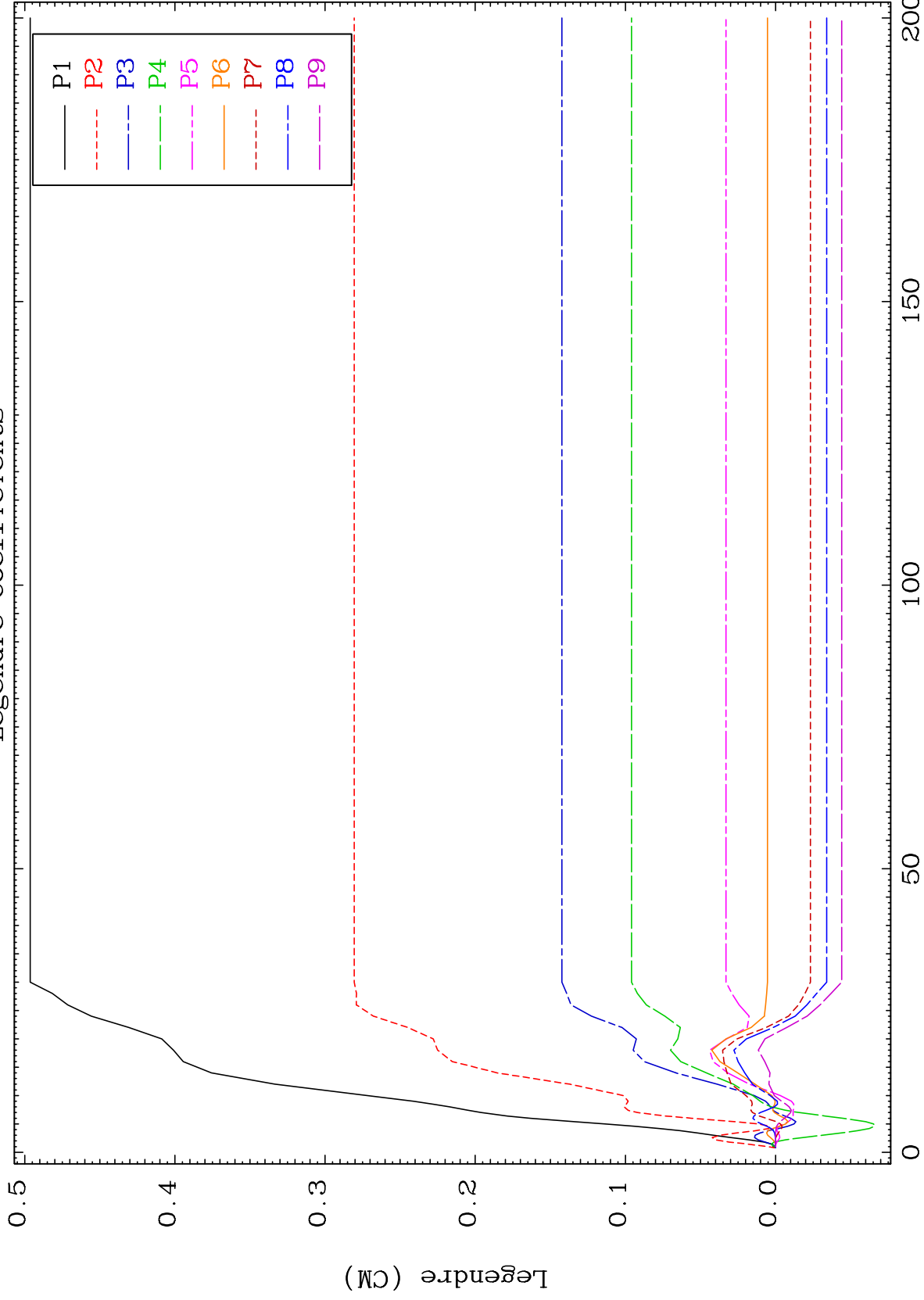
57-La-137

MAT 5722

MT= 57 (n,n') Level

57-La-137

Legendre Coefficients



43

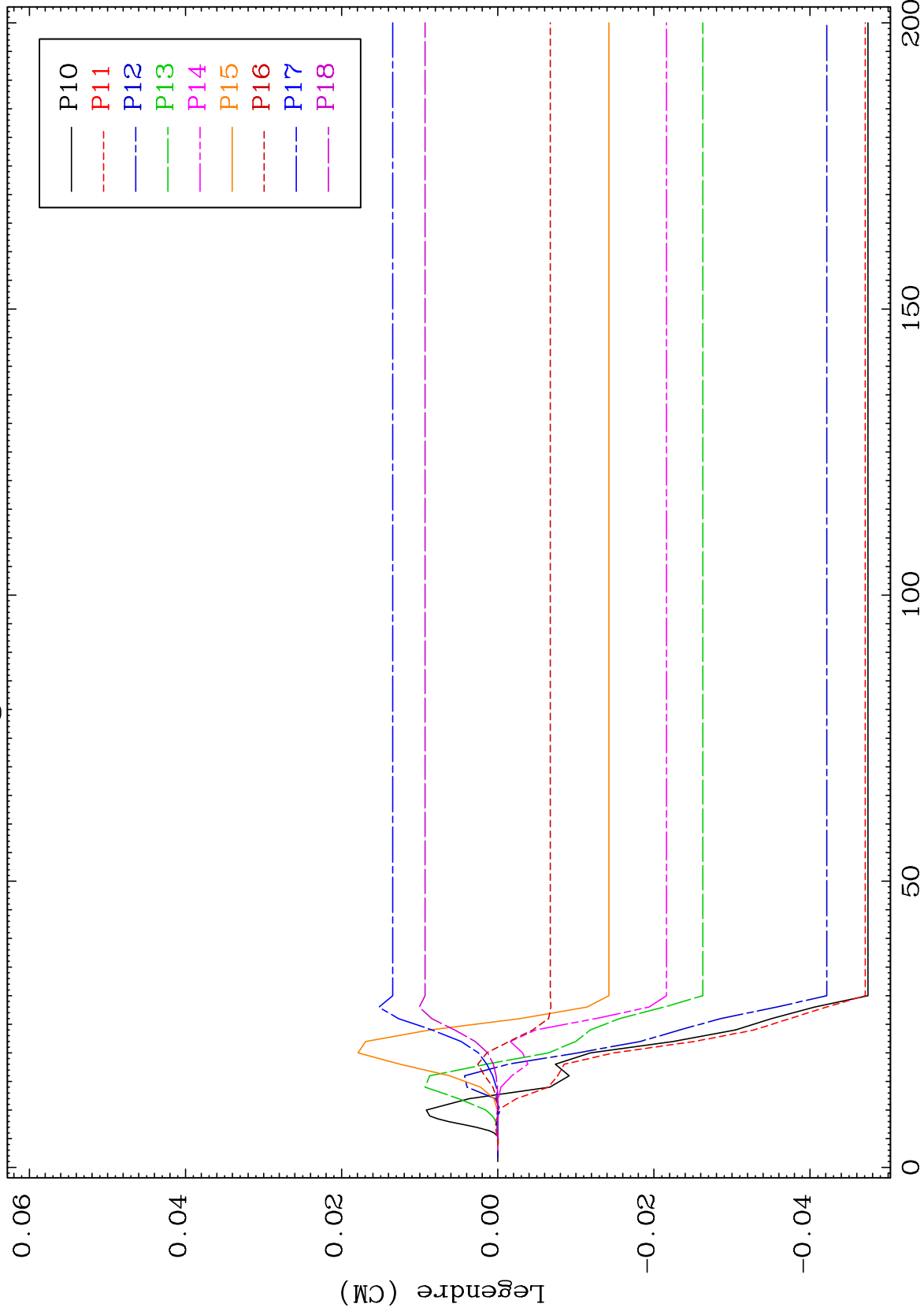
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



44

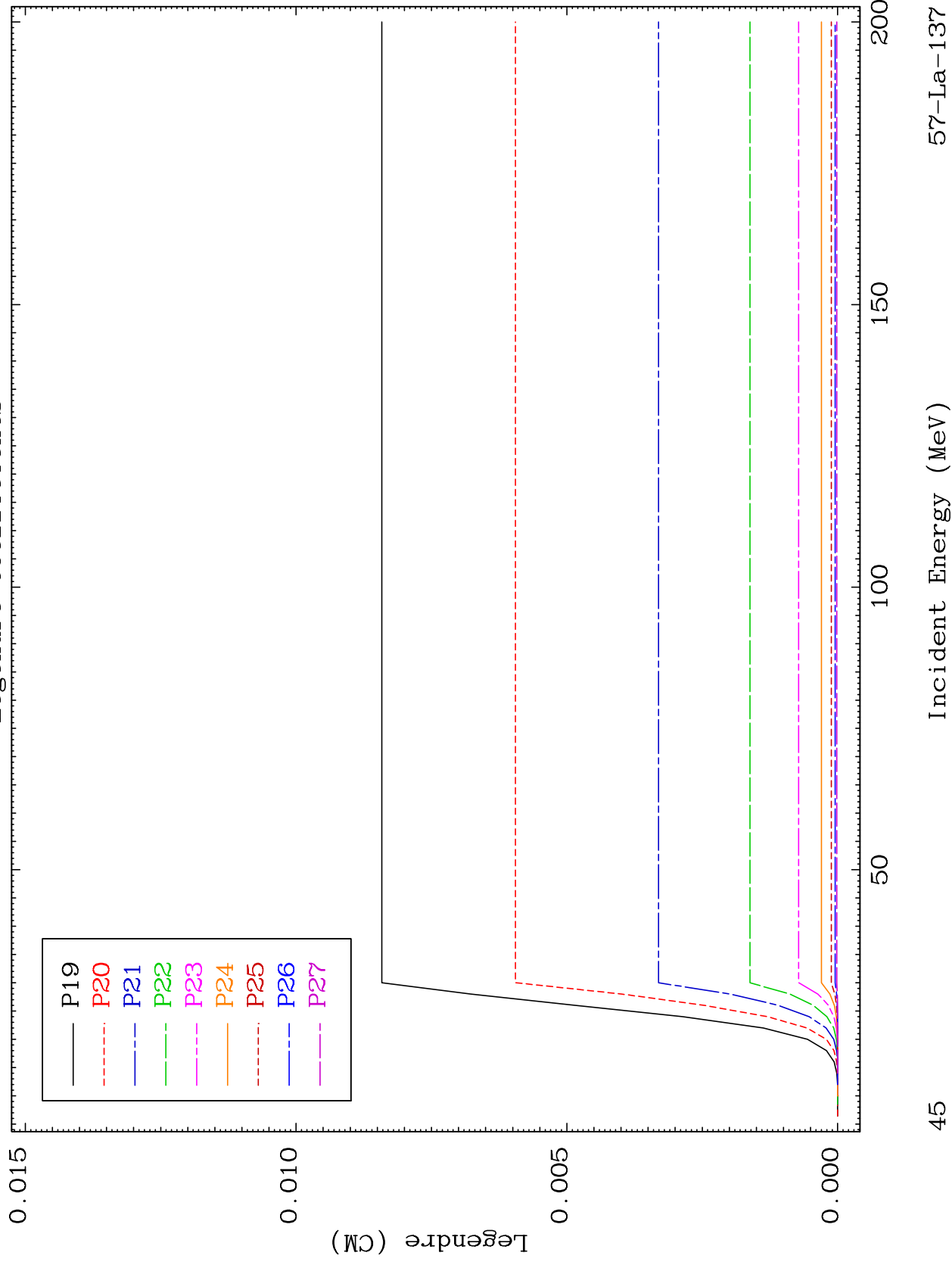
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



57-La-137

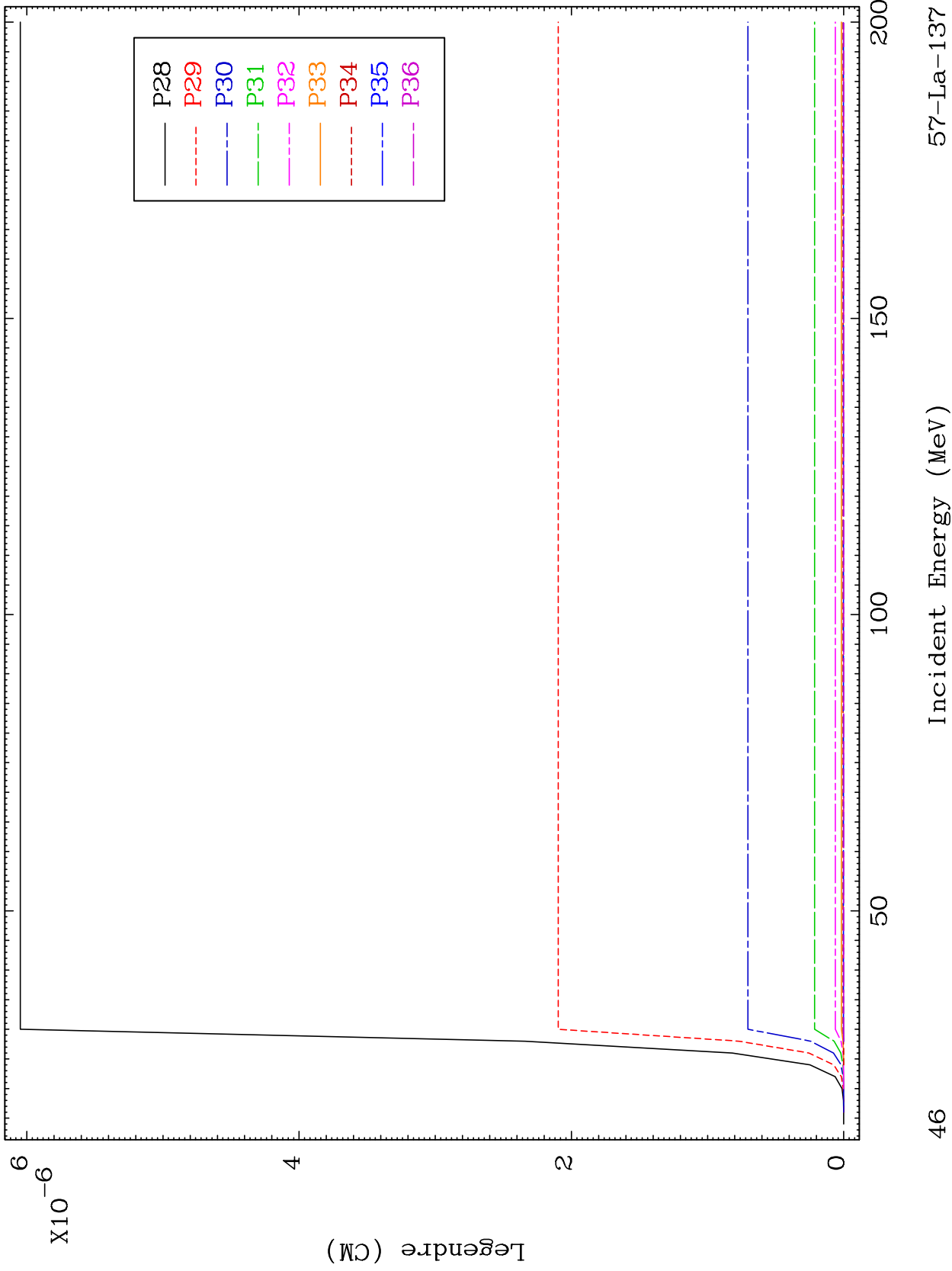
Incident Energy (MeV)

45

MAT 5722

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

57-La-137



46

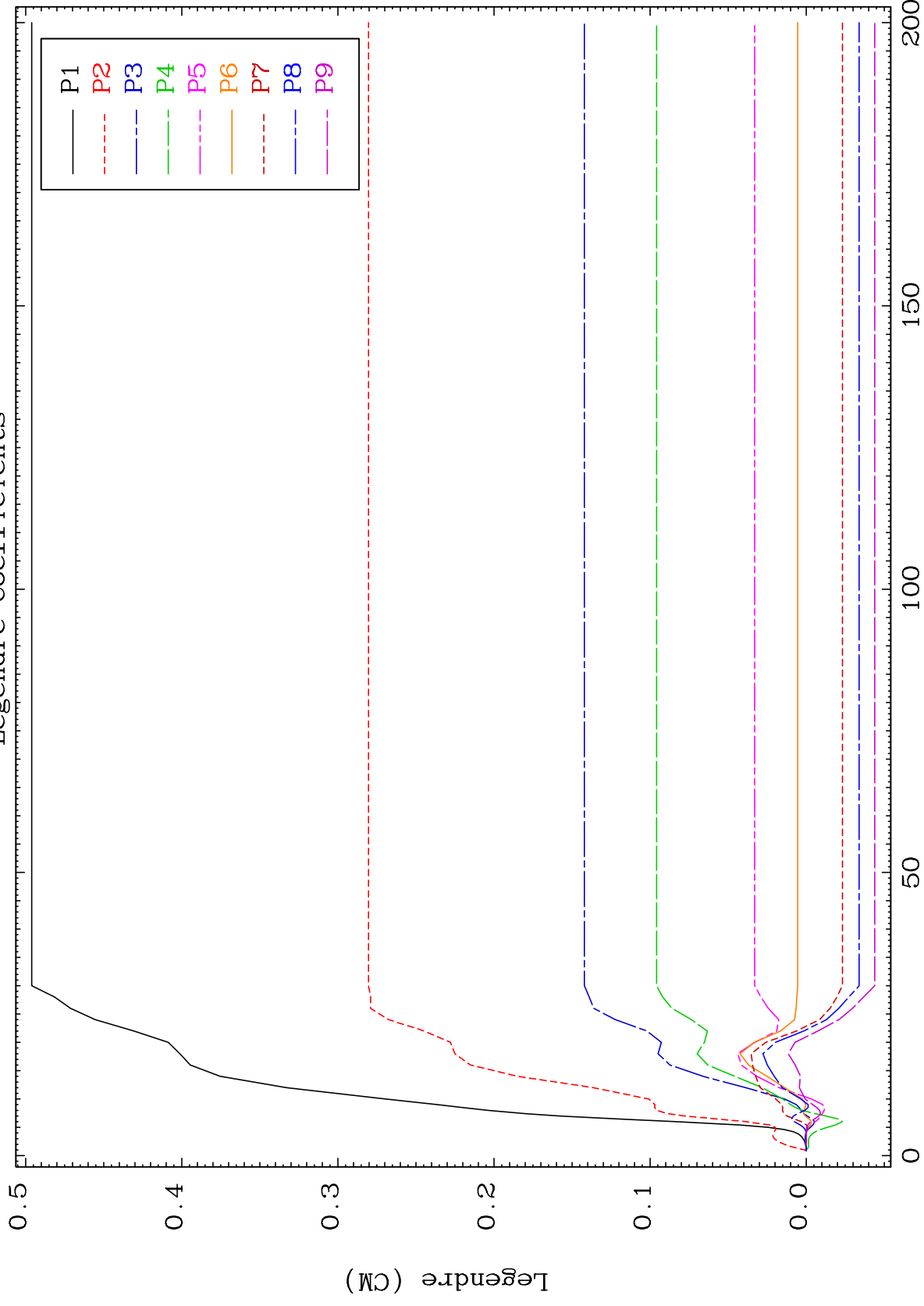
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



57-La-137

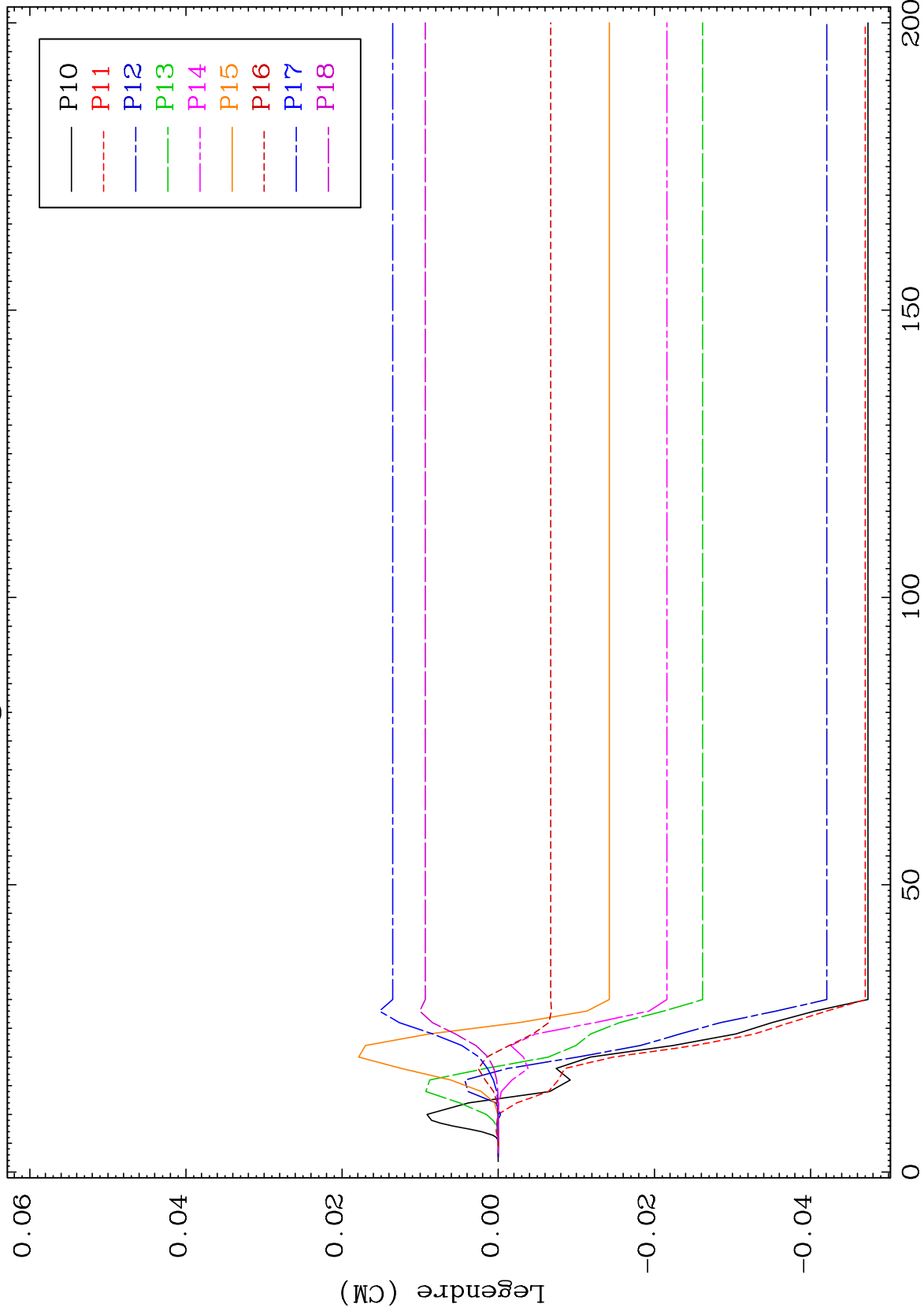
Incident Energy (MeV)

47

MAT 5722

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

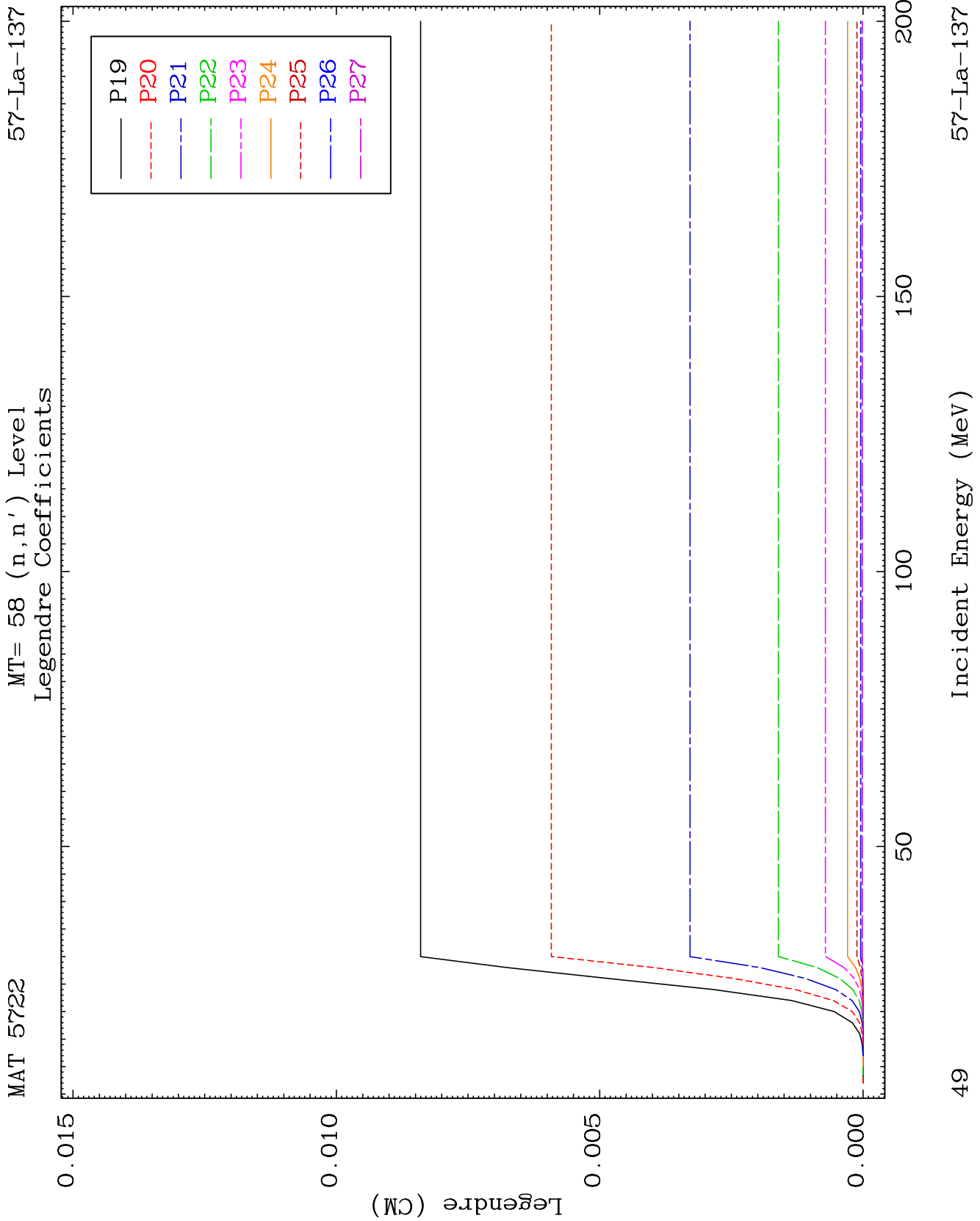
57-La-137



48

Incident Energy (MeV)

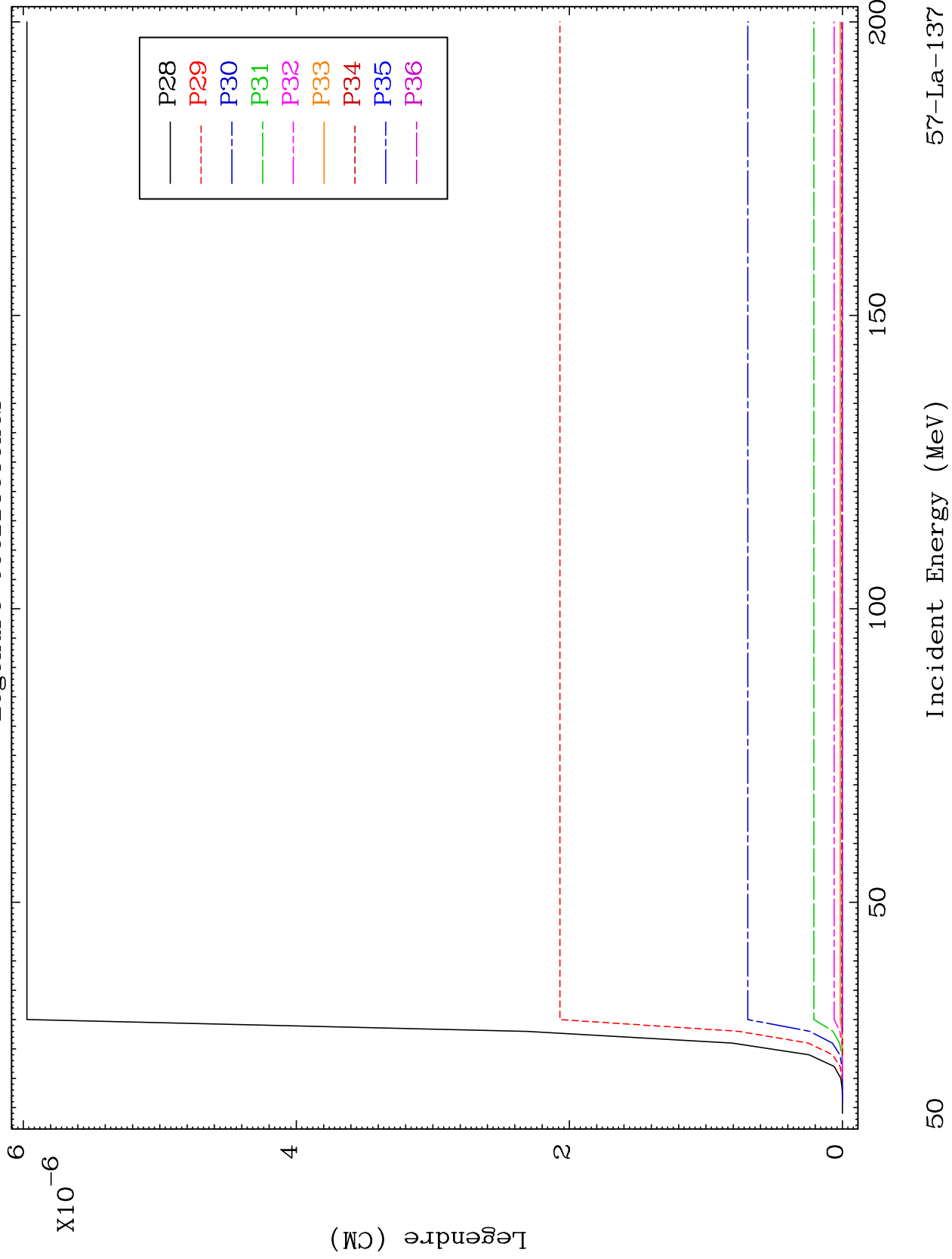
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MAT 5722

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

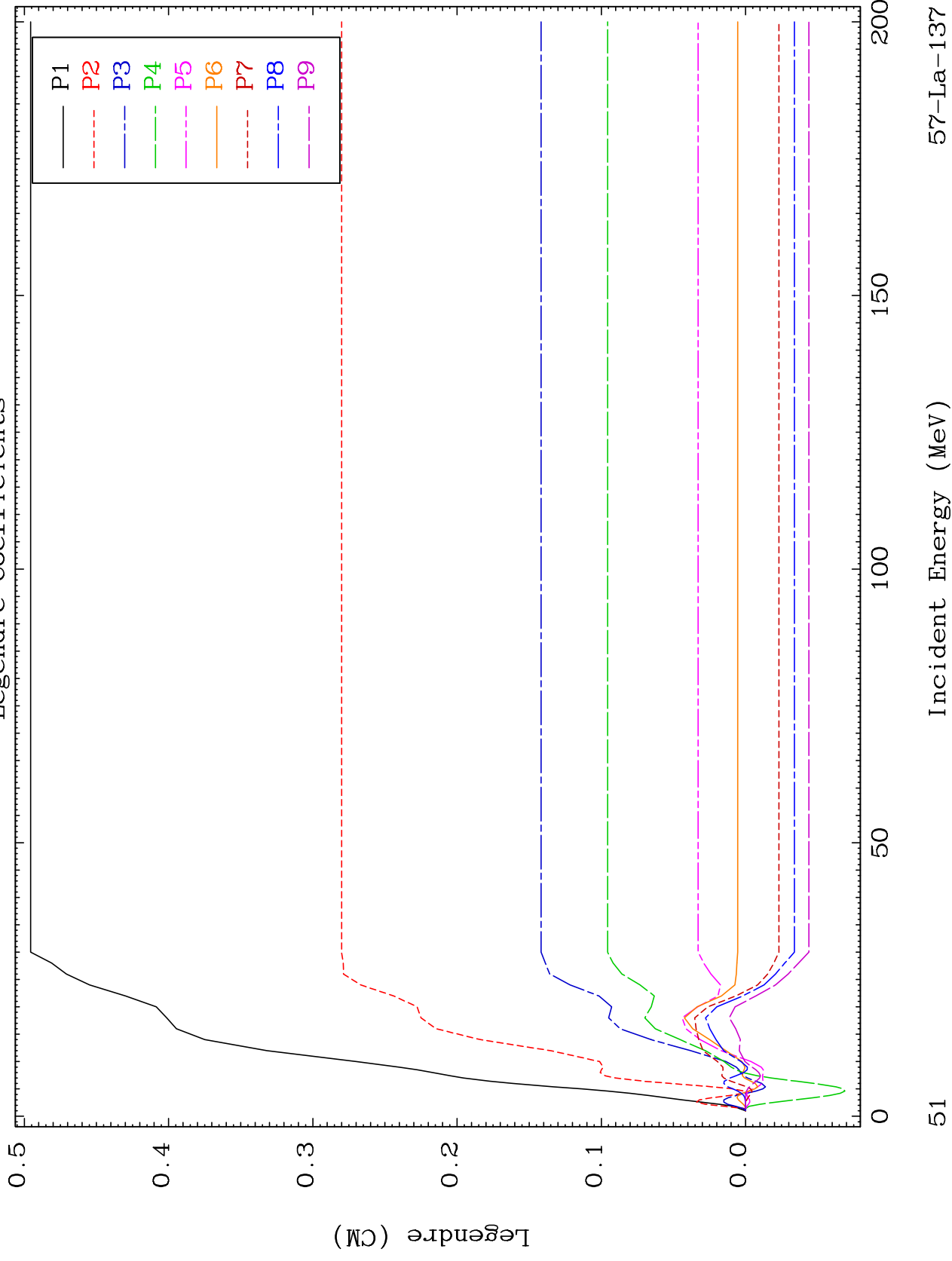
57-La-137



MAT 5722

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

57-La-137



57-La-137

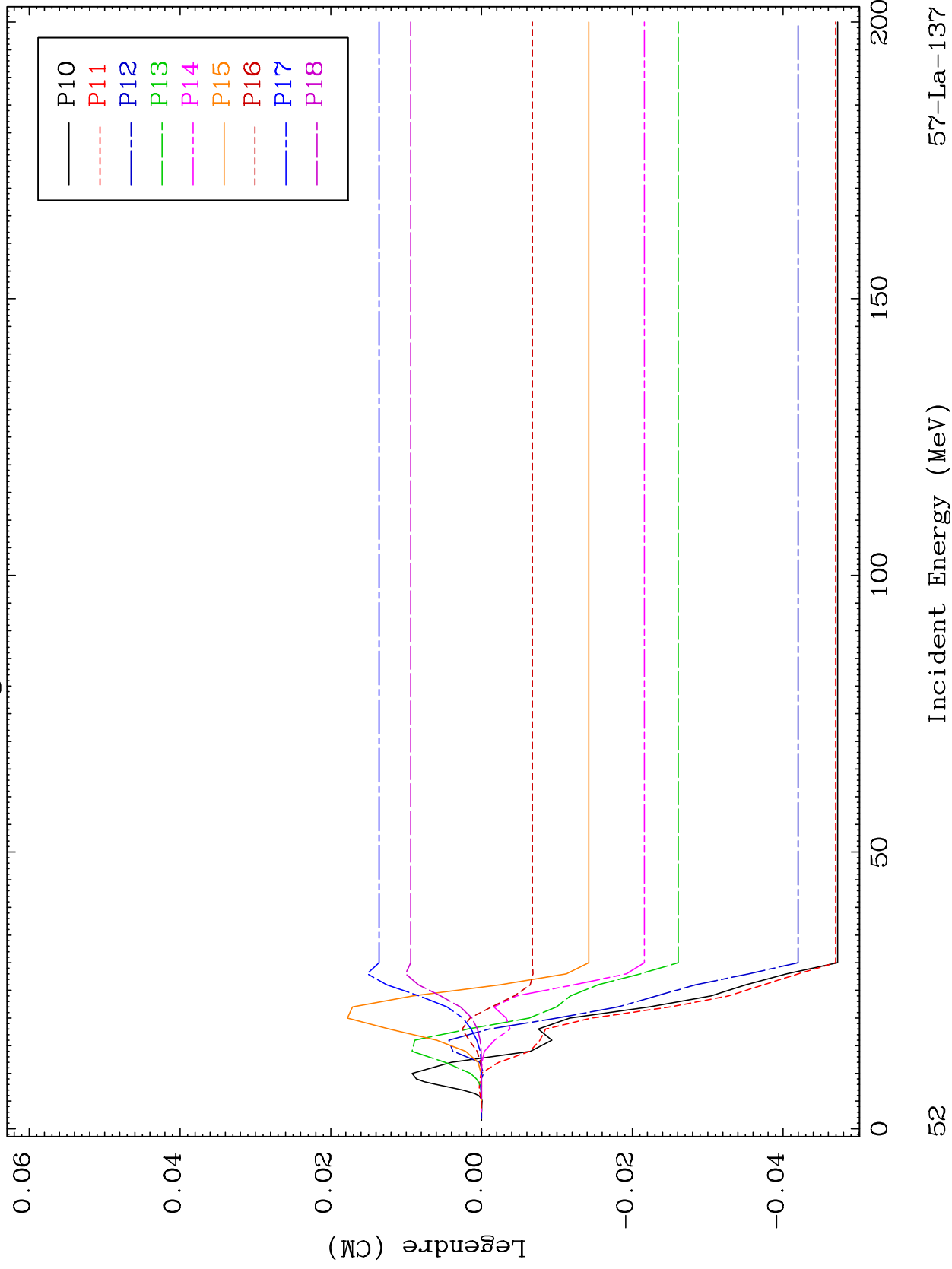
Incident Energy (MeV)

51

MAT 5722

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

57-La-137



57-La-137

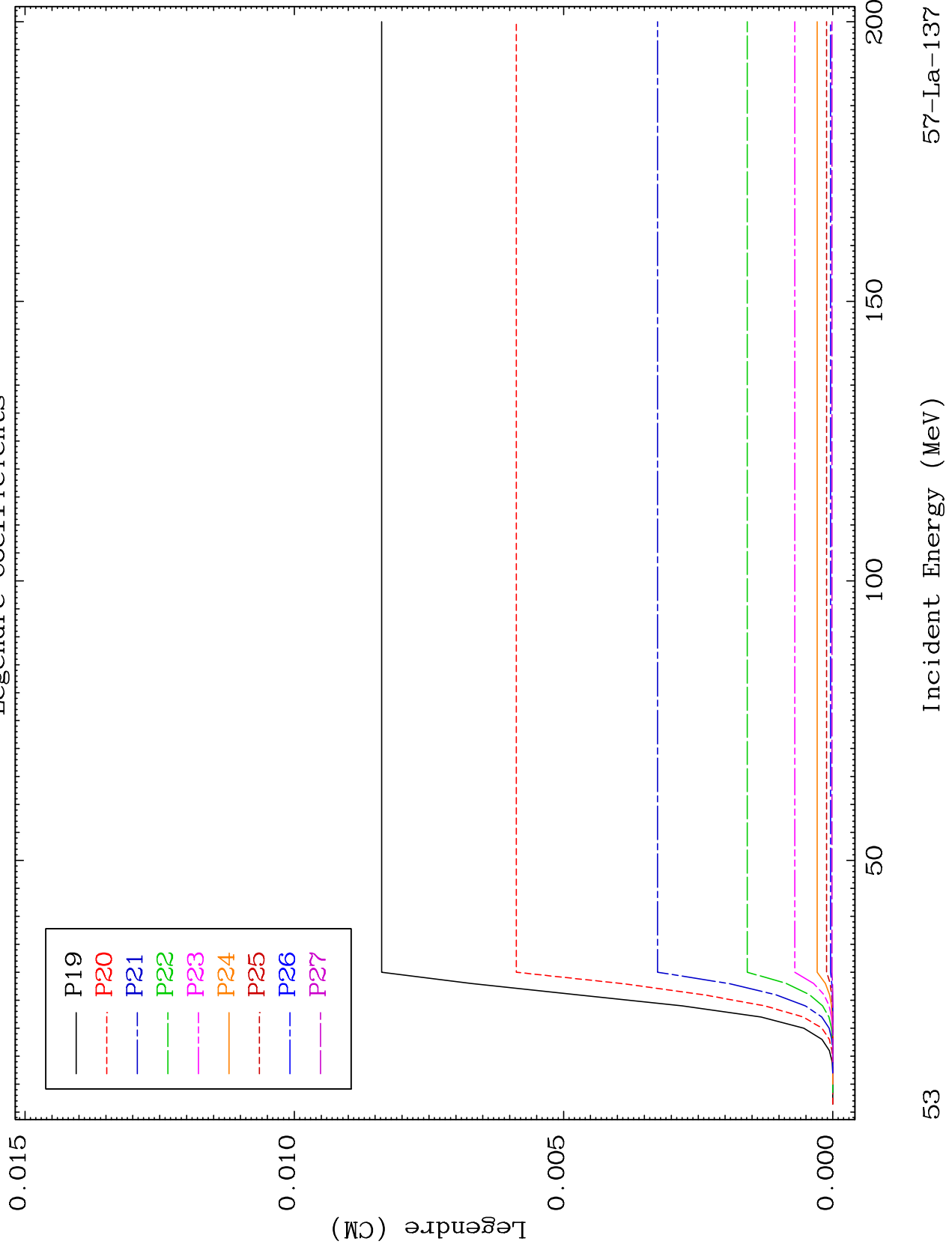
Incident Energy (MeV)

52

MAT 5722

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

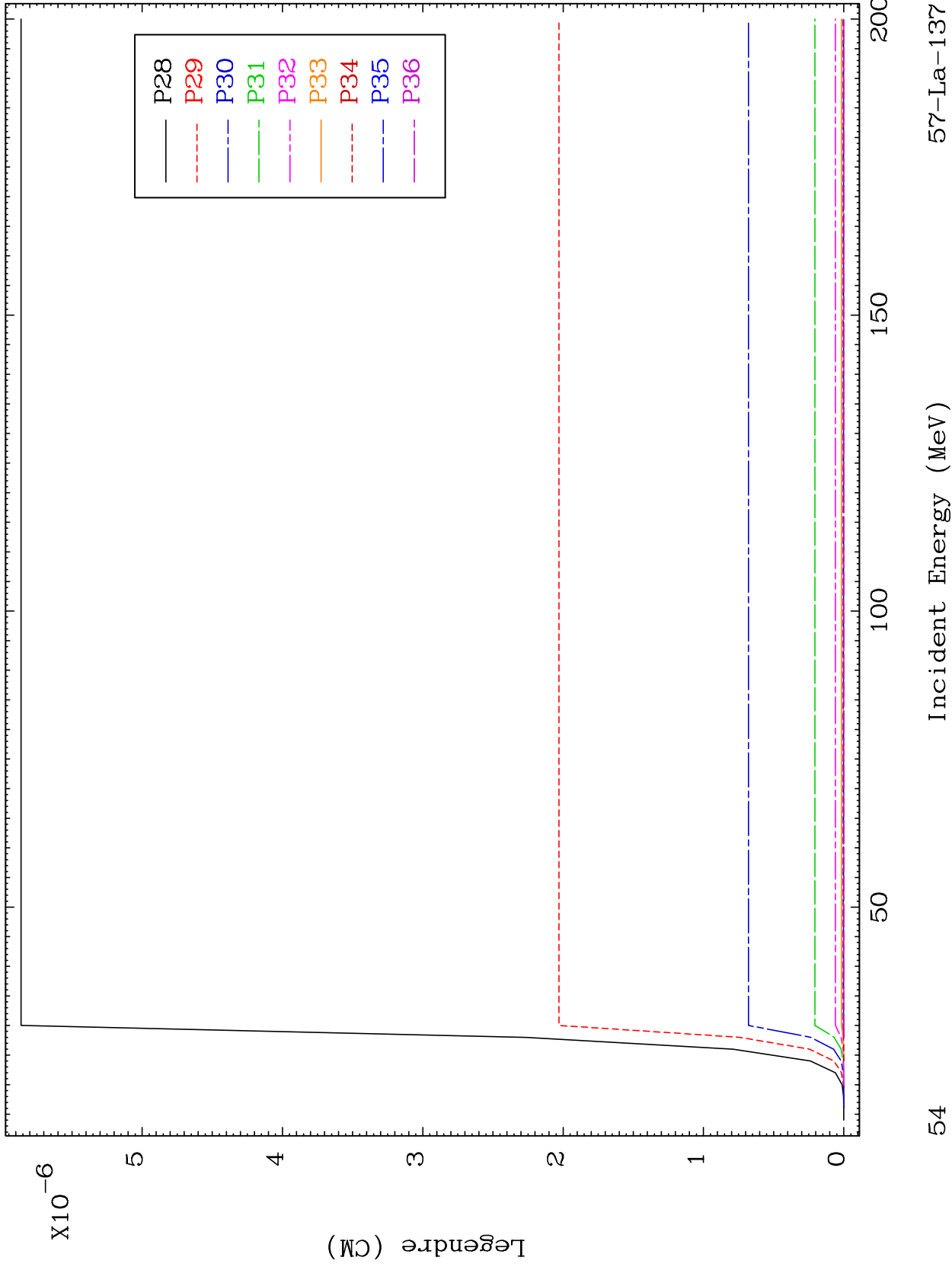
57-La-137



MAT 5722

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

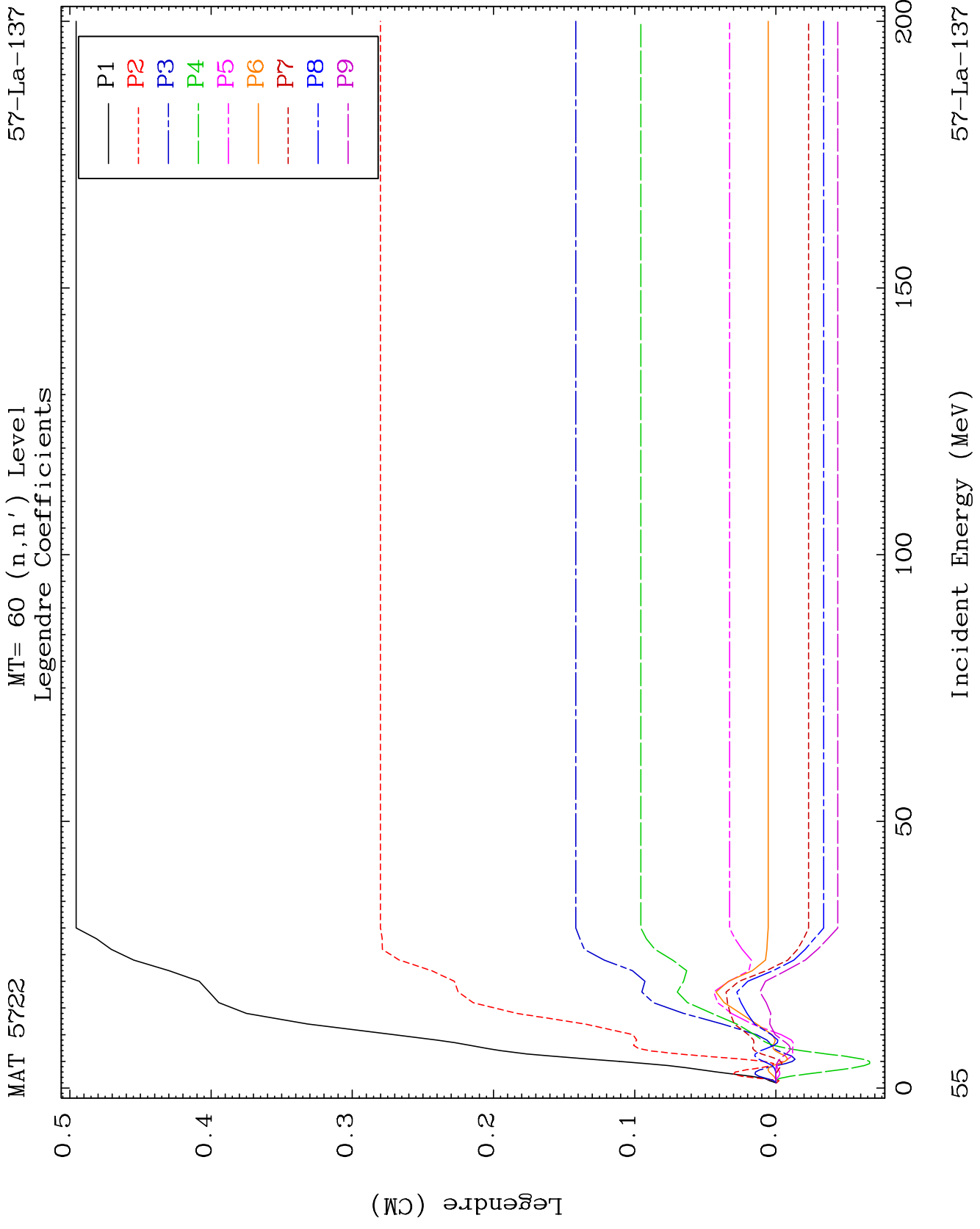
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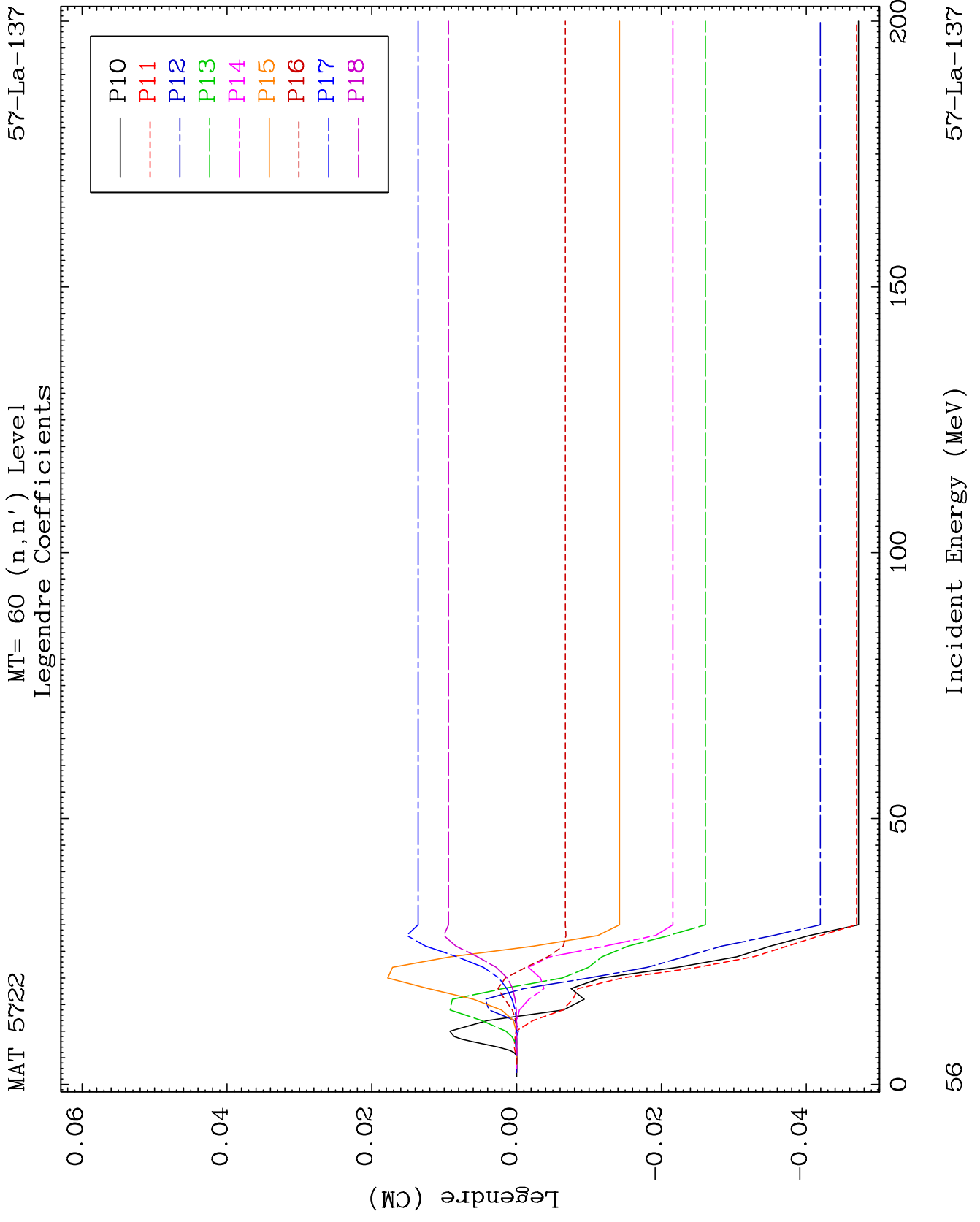


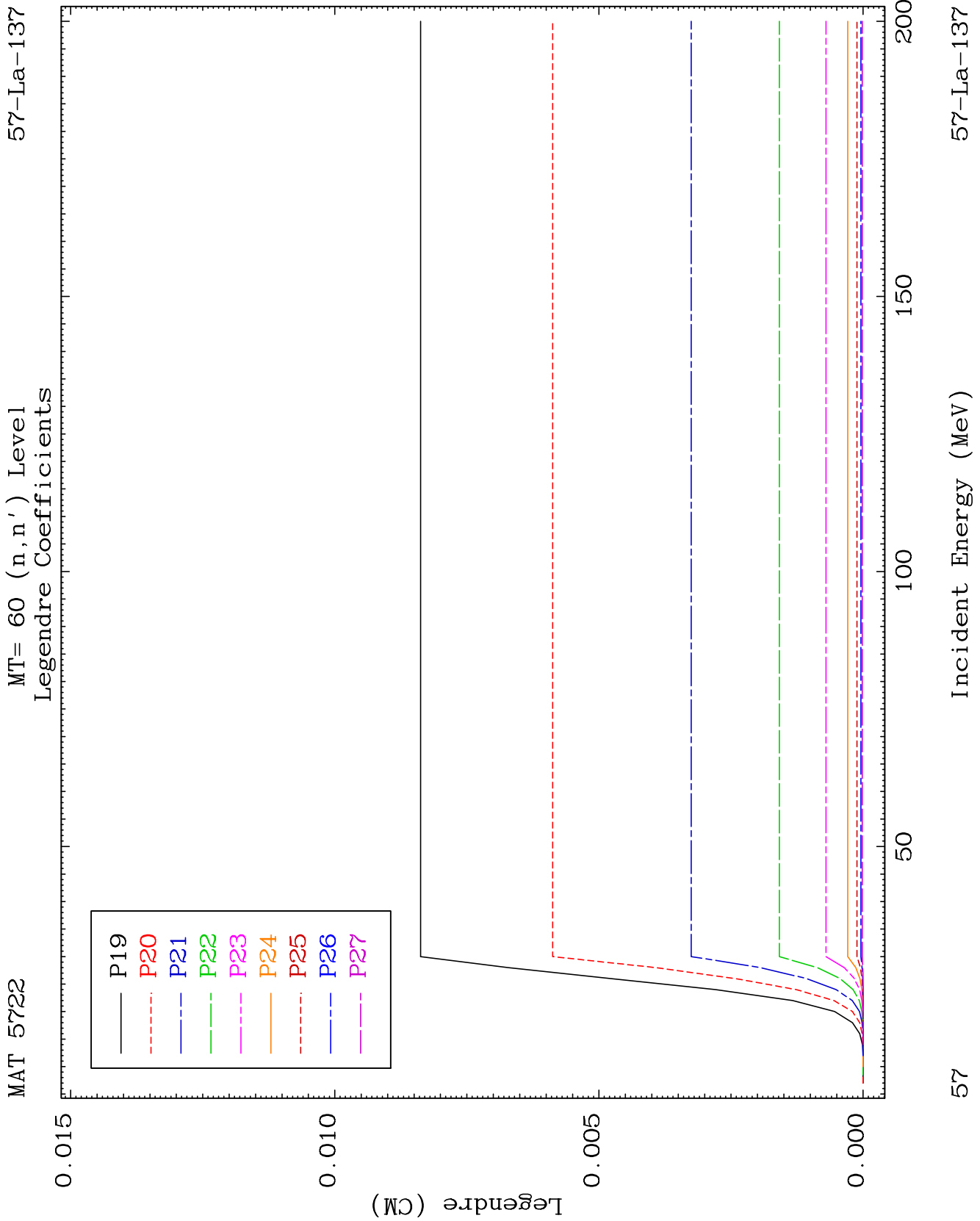
54

Incident Energy (MeV)

57-La-137



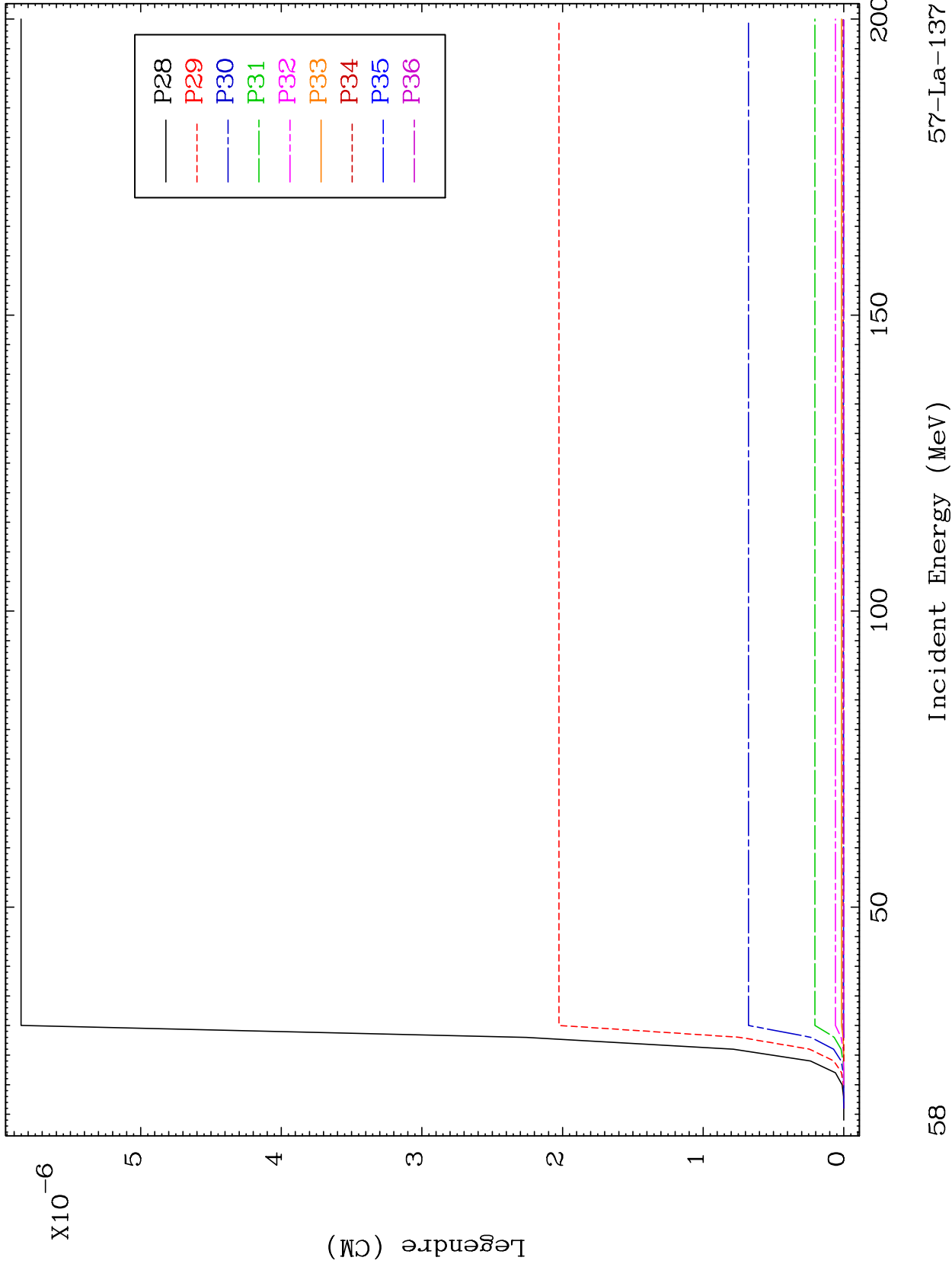




MAT 5722

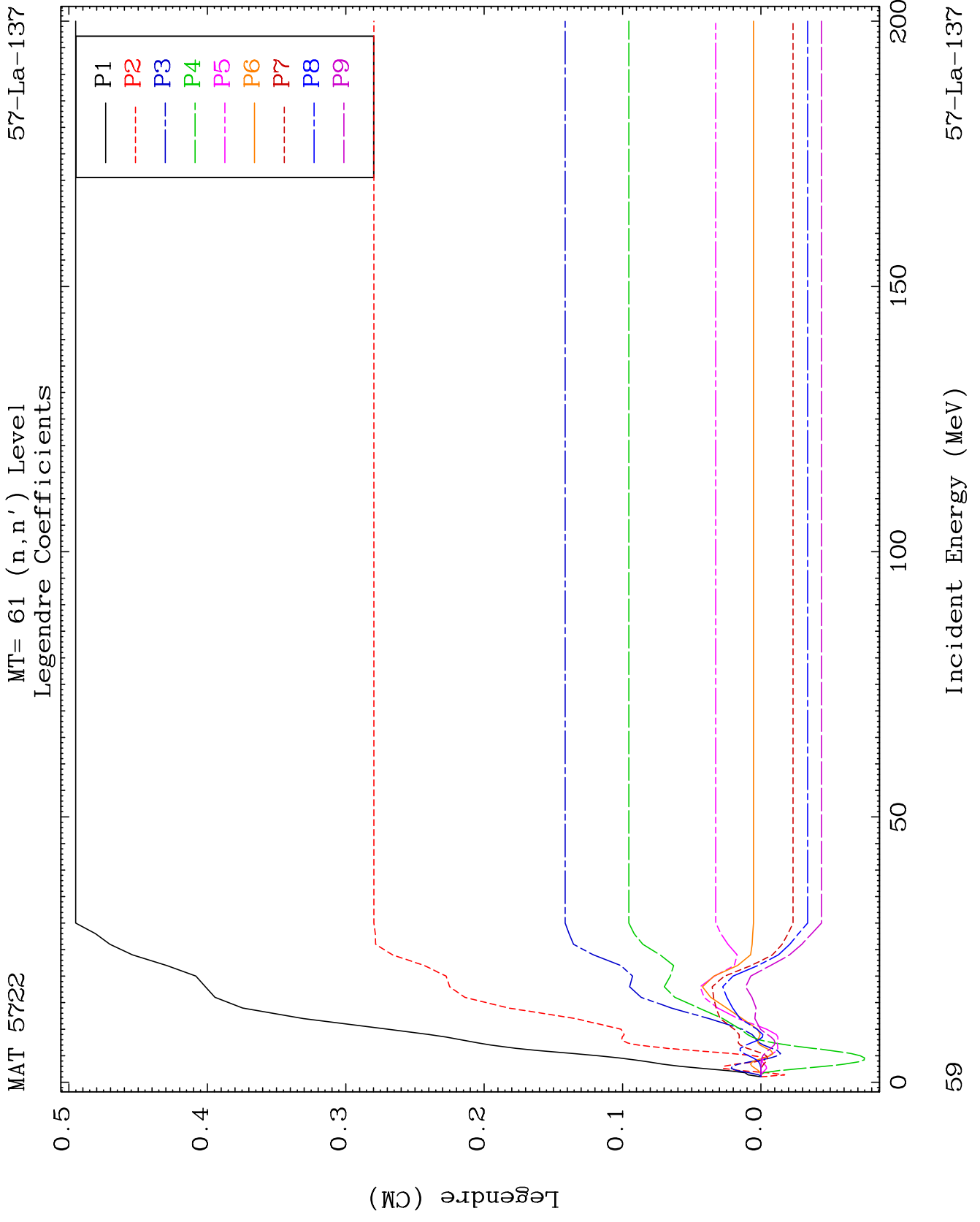
MT= 60 (n,n') Level
Legendre Coefficients

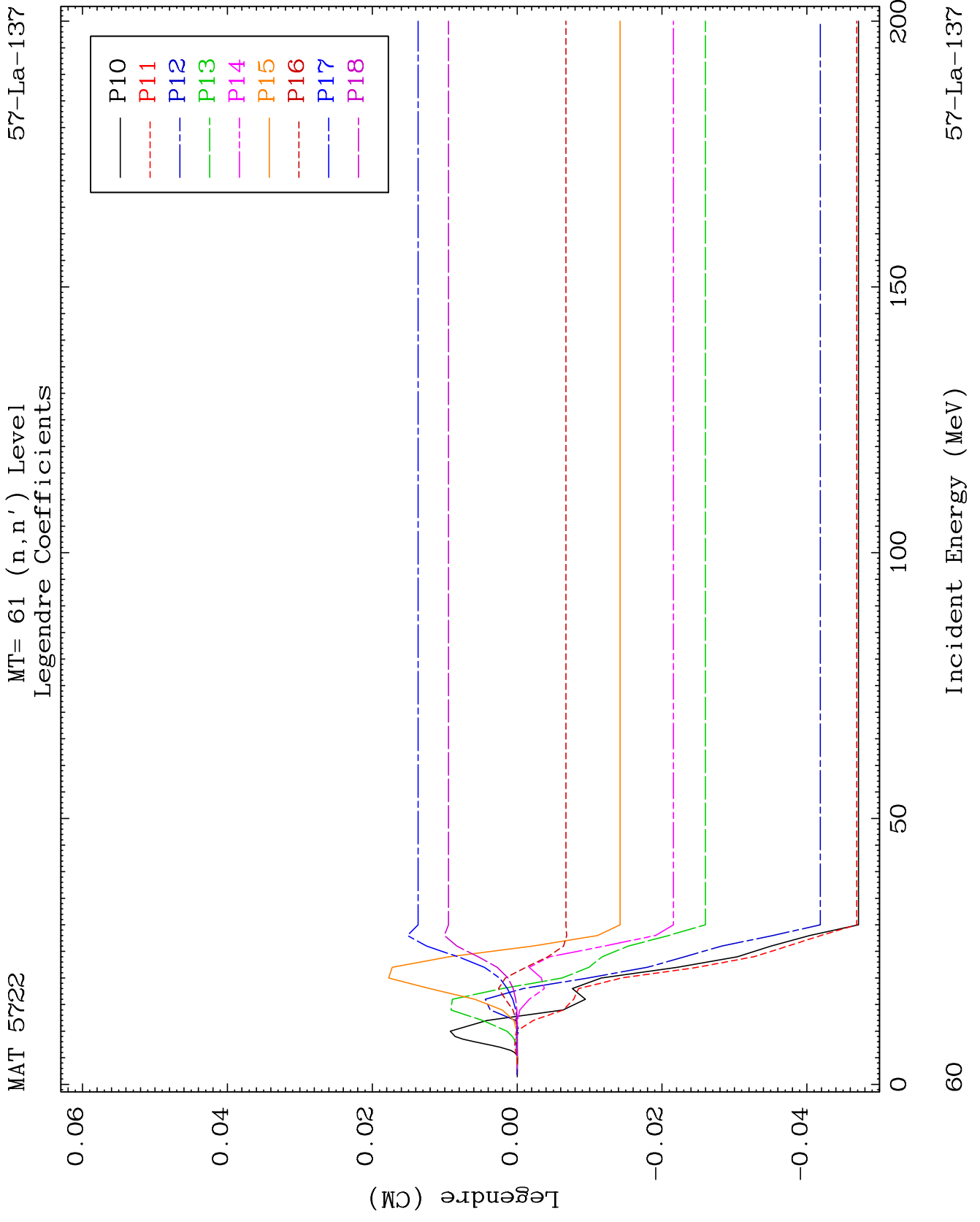
57-La-137



58

200

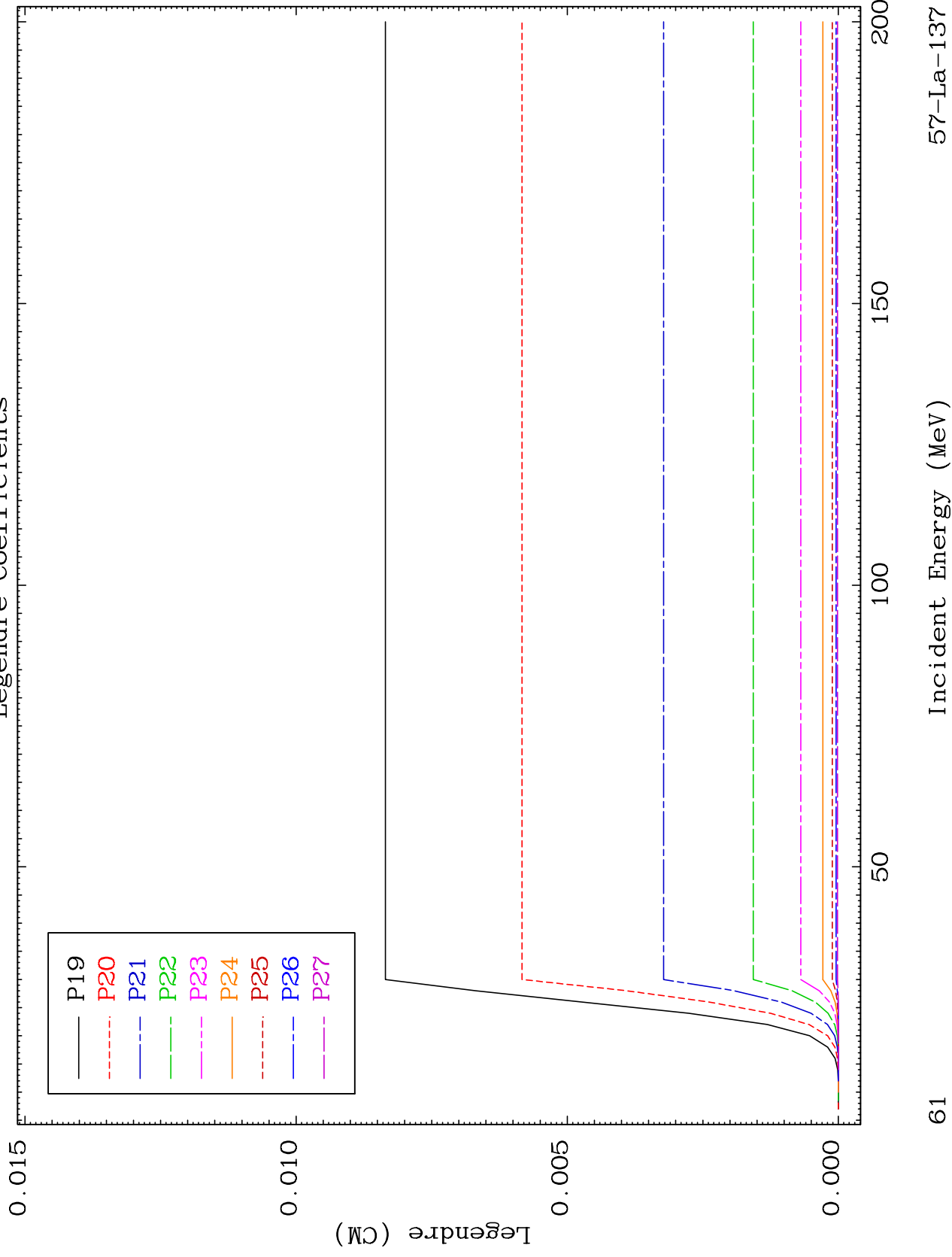




MAT 5722

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

57-La-137



61

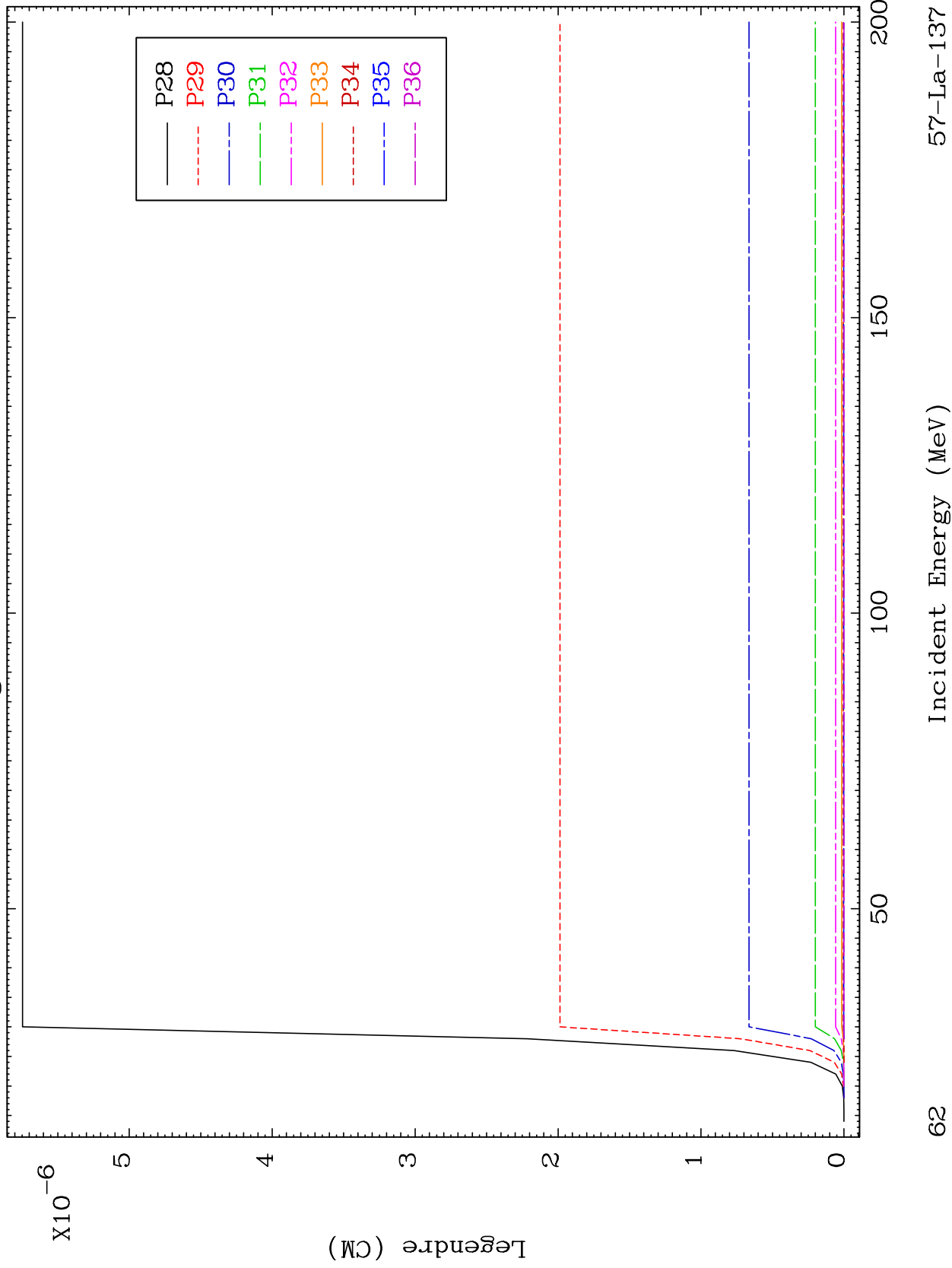
Incident Energy (MeV)

57-La-137

MAT 5722

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

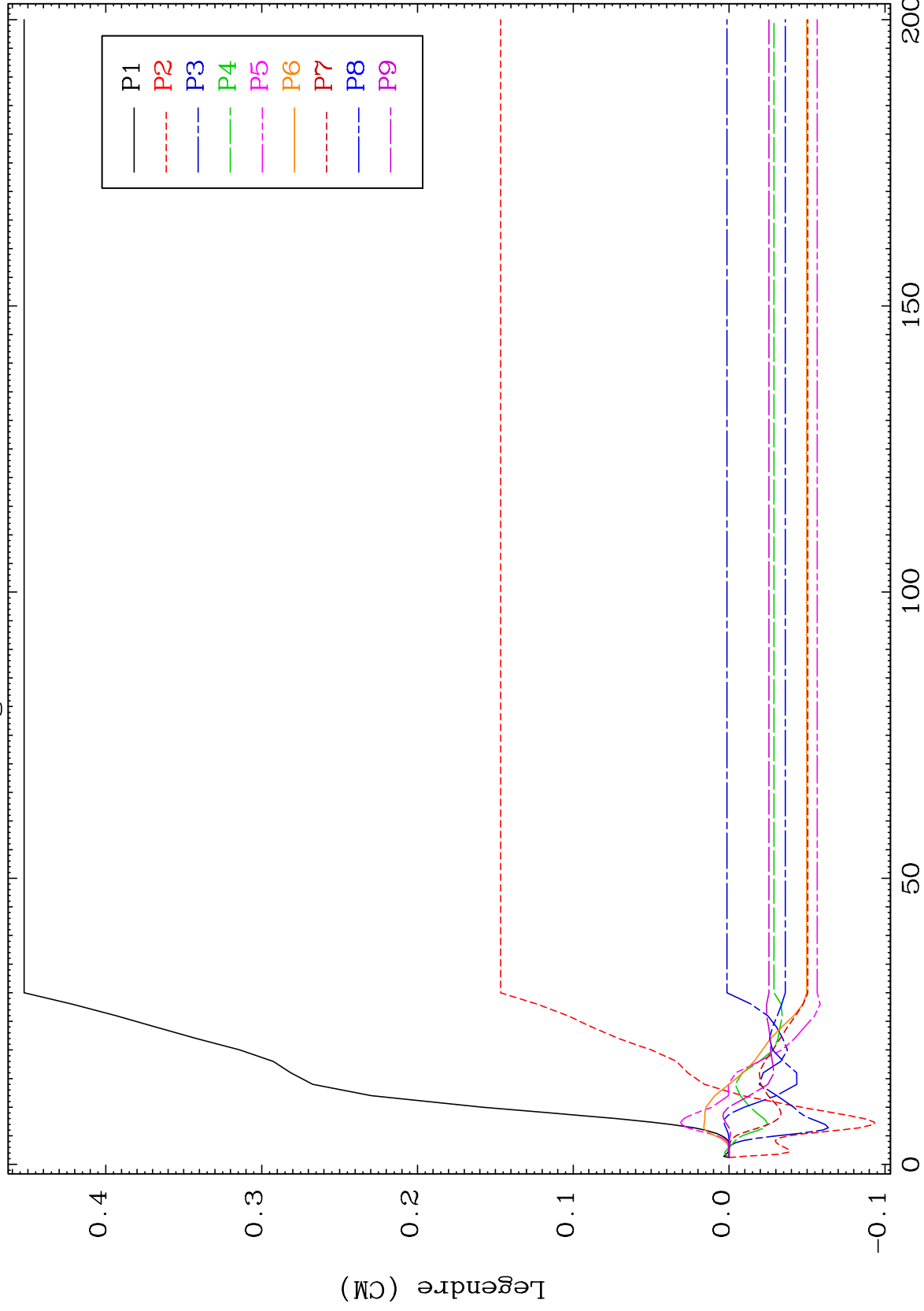
57-La-137



MAT 5722

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

57-La-137



57-La-137

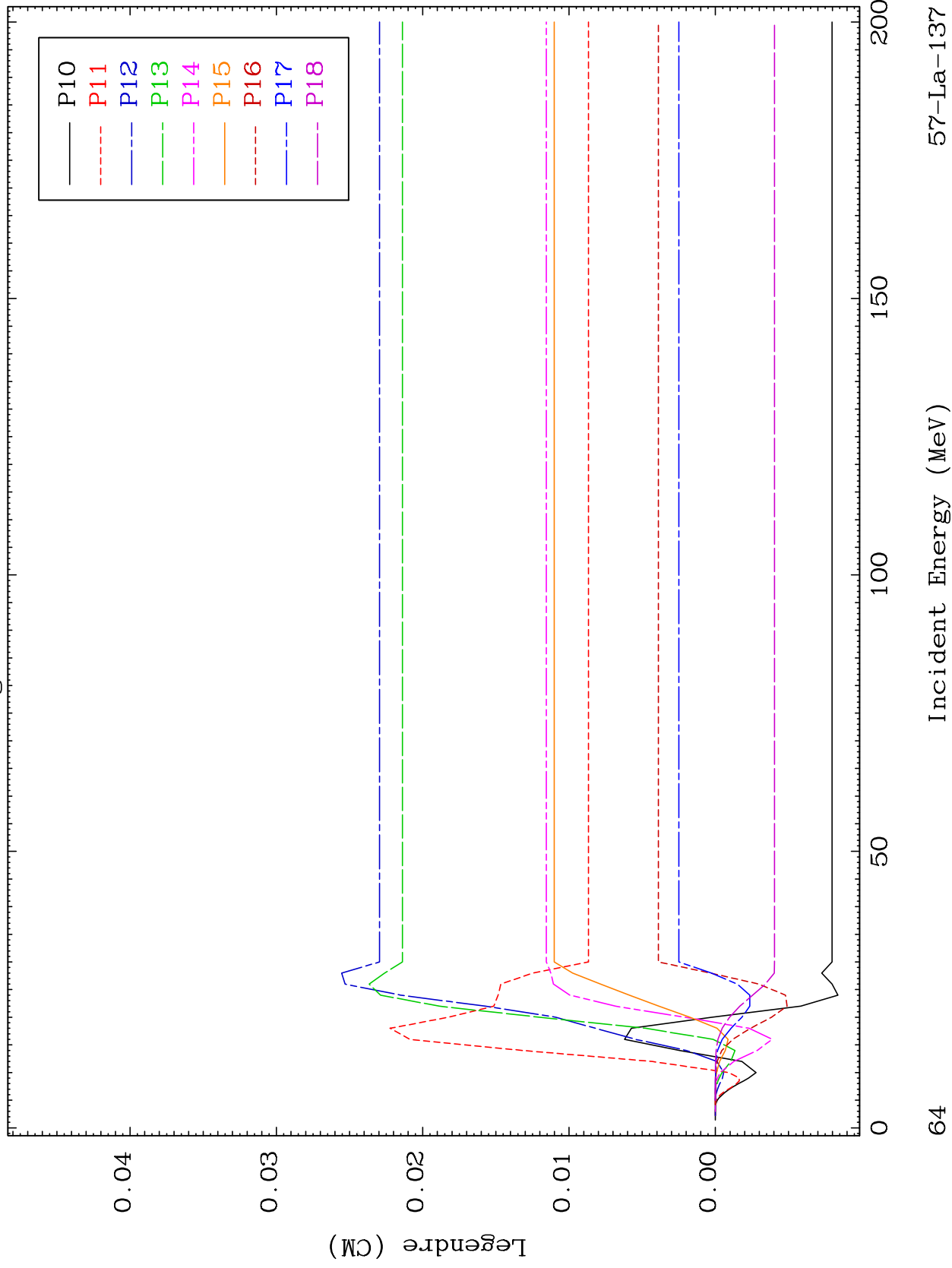
Incident Energy (MeV)

63

MAT 5722

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

57-La-137



57-La-137

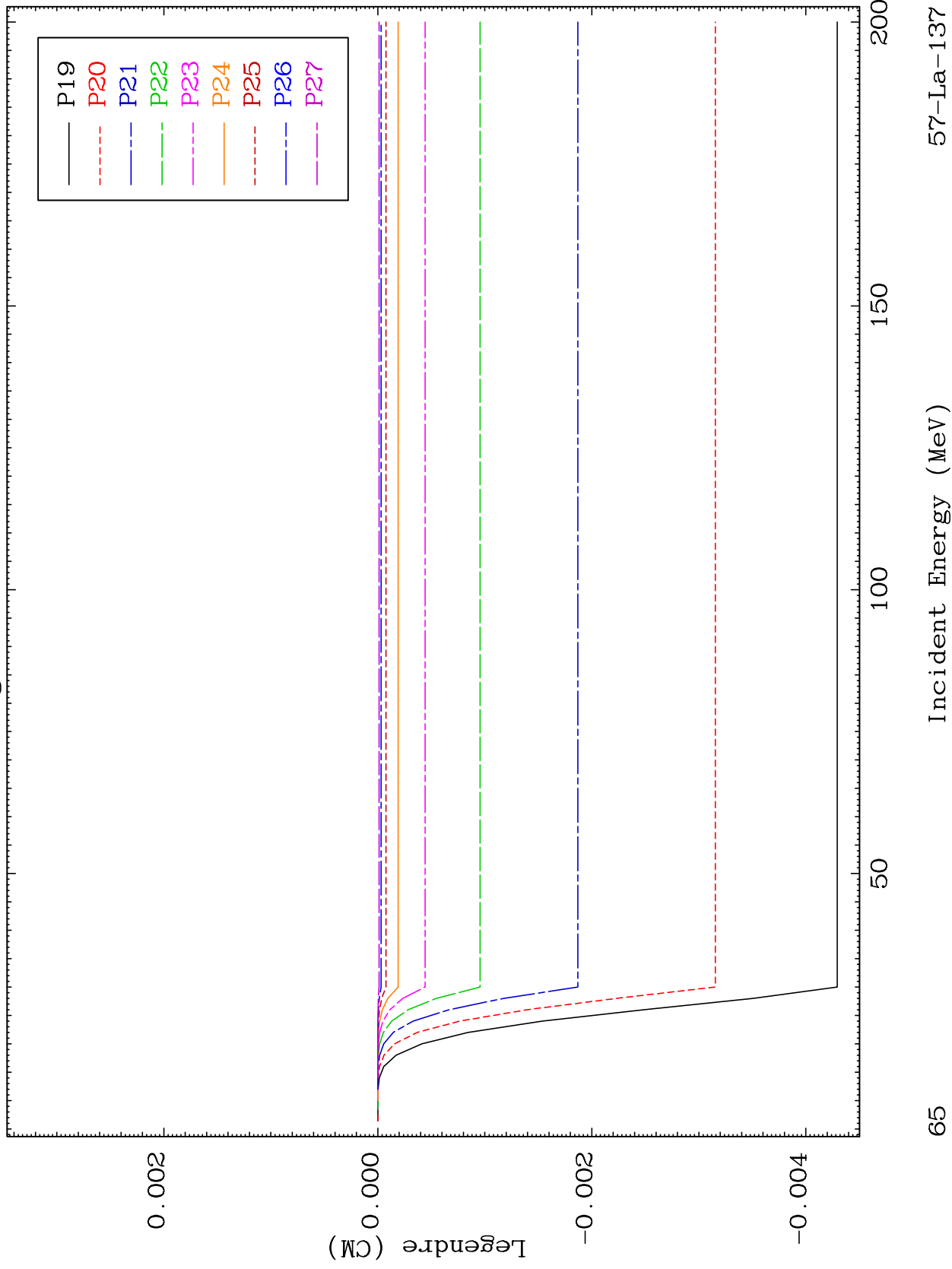
Incident Energy (MeV)

64

MAT 5722

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

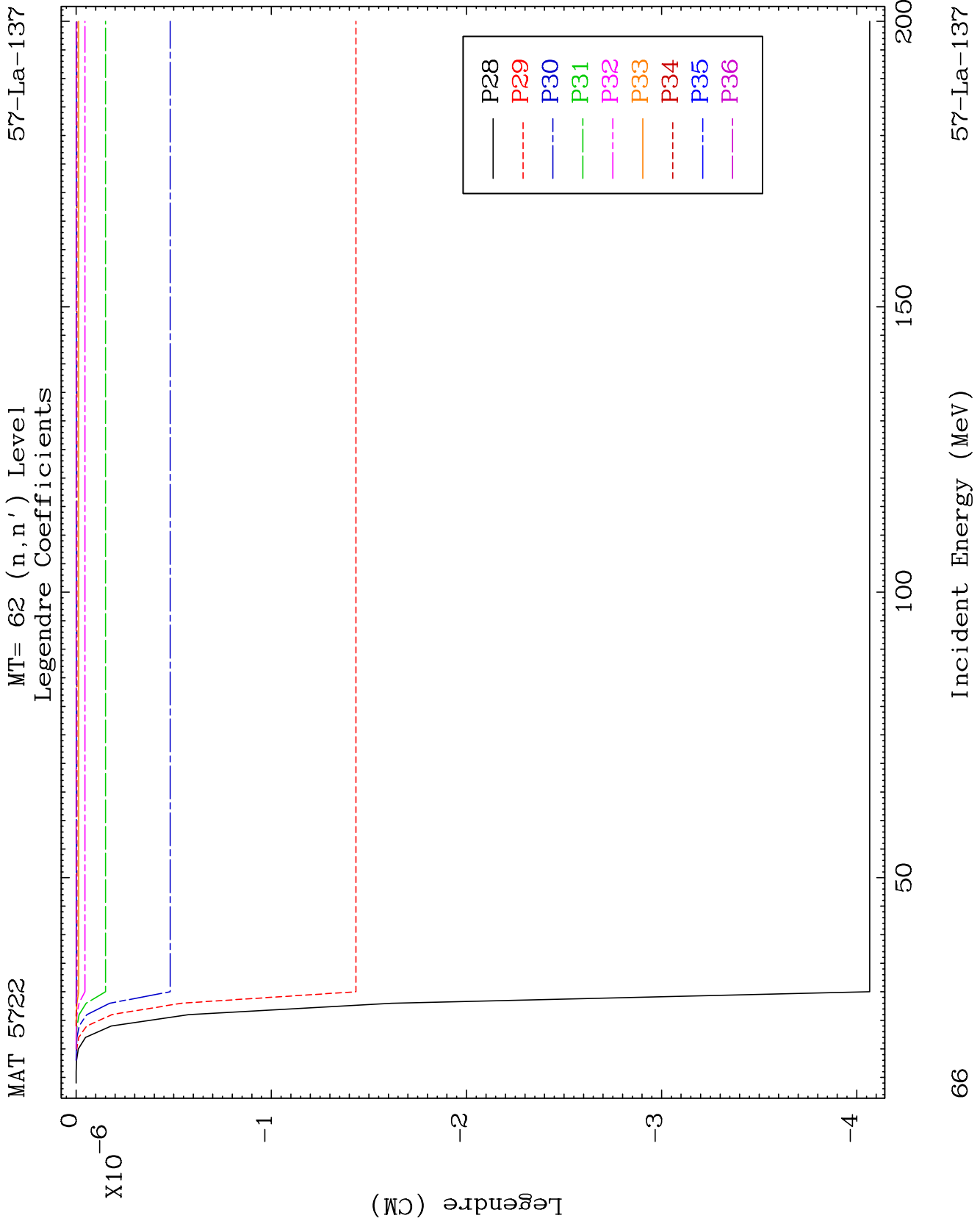
57-La-137



65

Incident Energy (MeV)

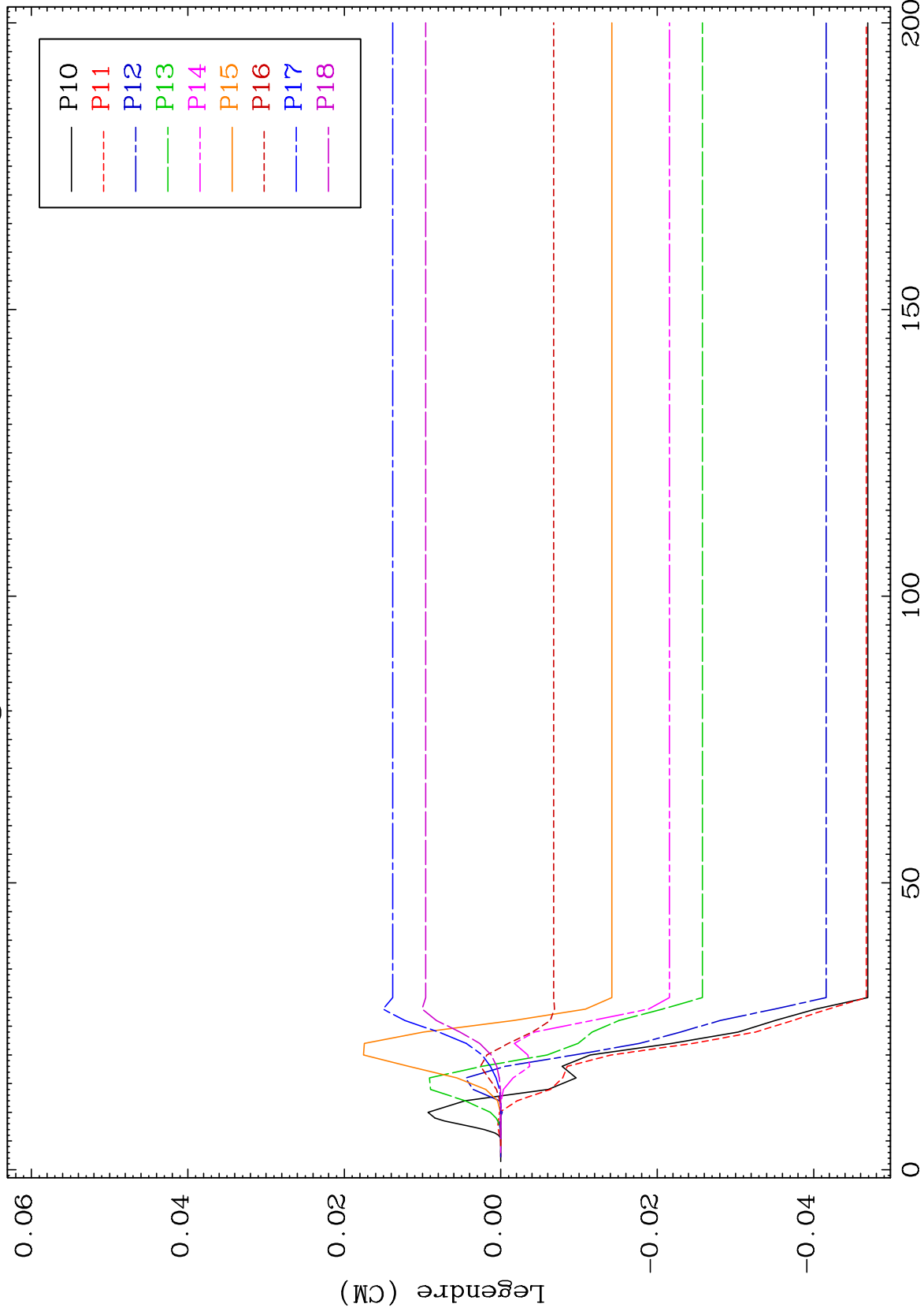
57-La-137



MAT 5722

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

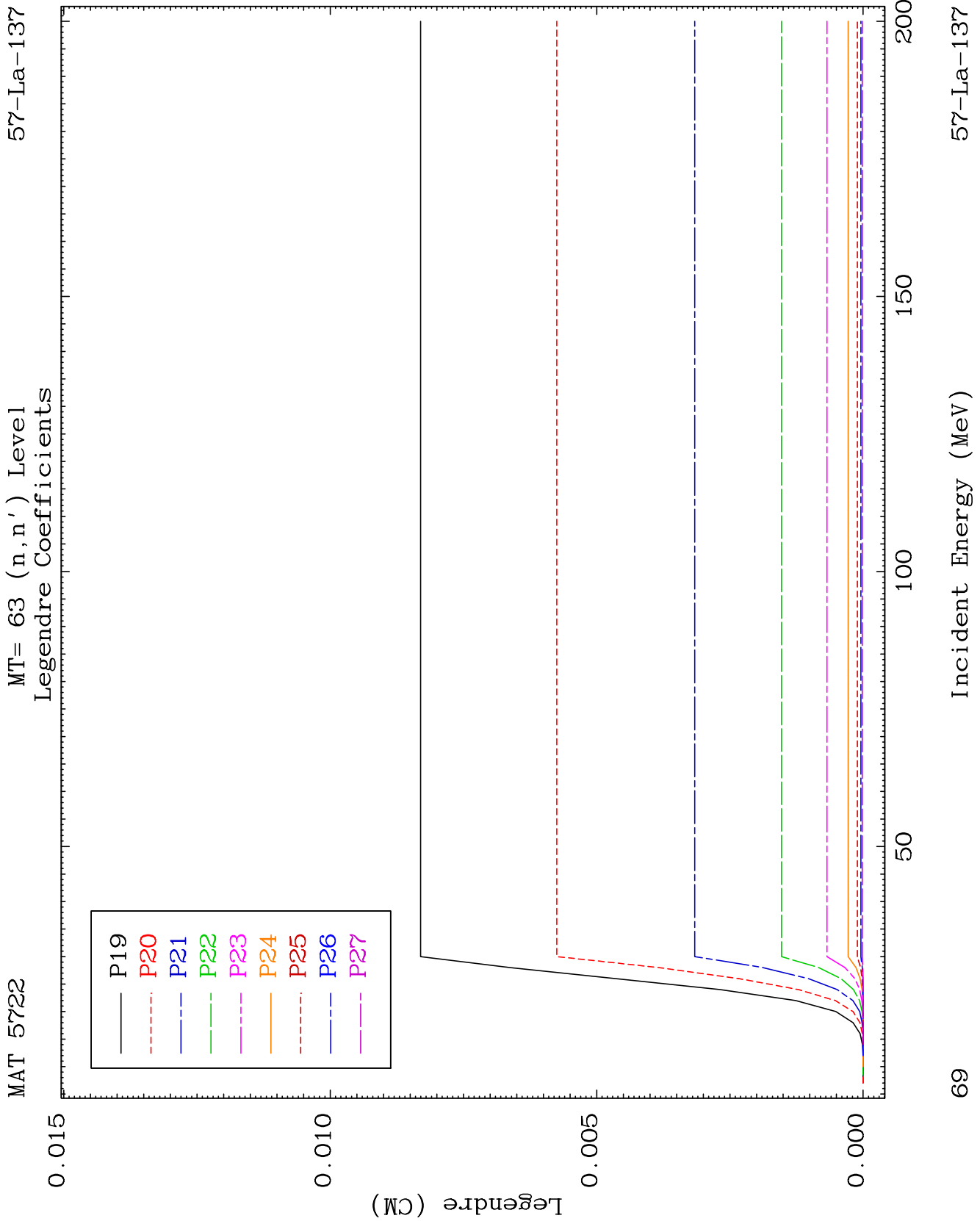
57-La-137



68

Incident Energy (MeV)

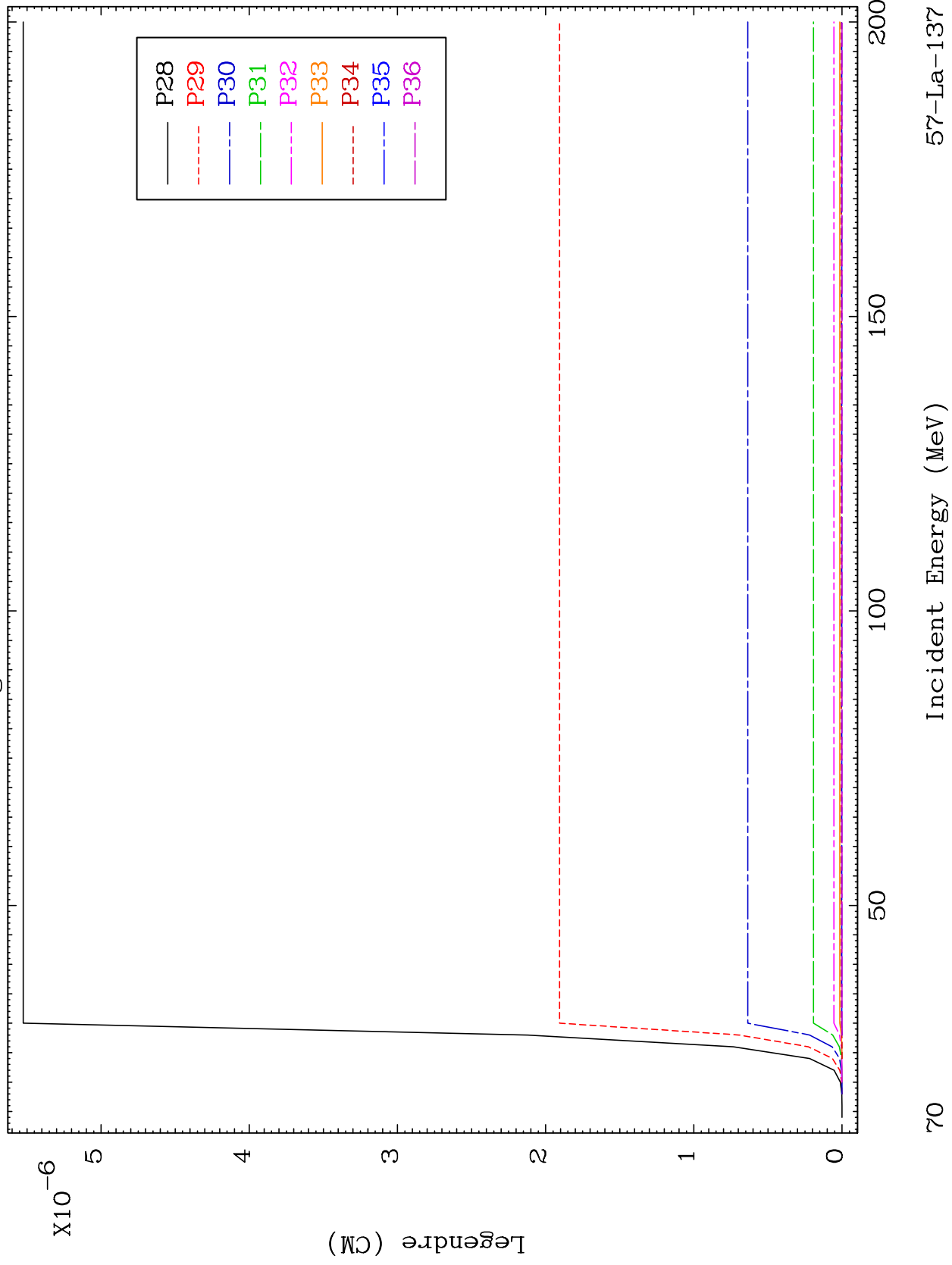
57-La-137



MAT 5722

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

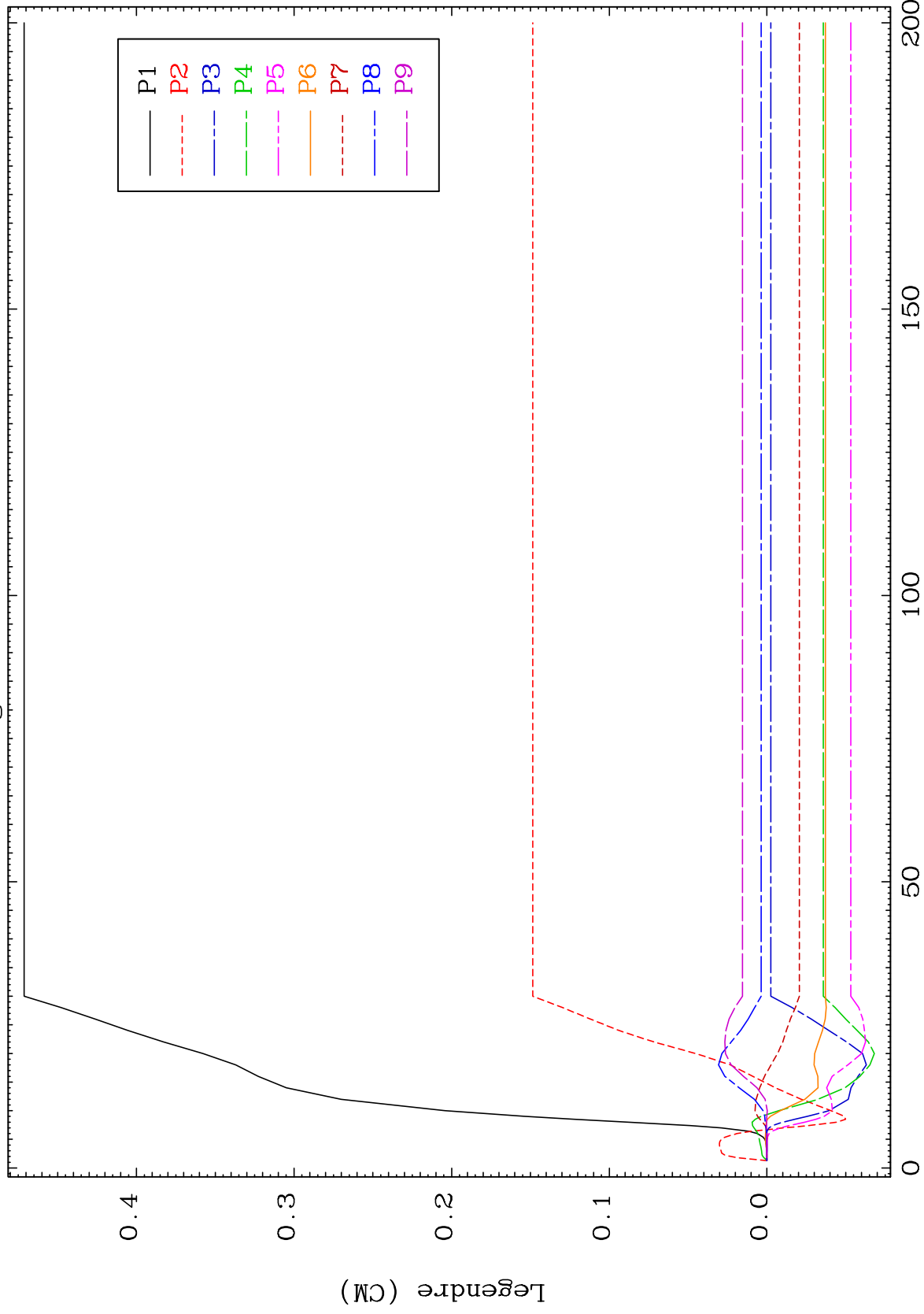
57-La-137



MAT 5722

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

57-La-137



71

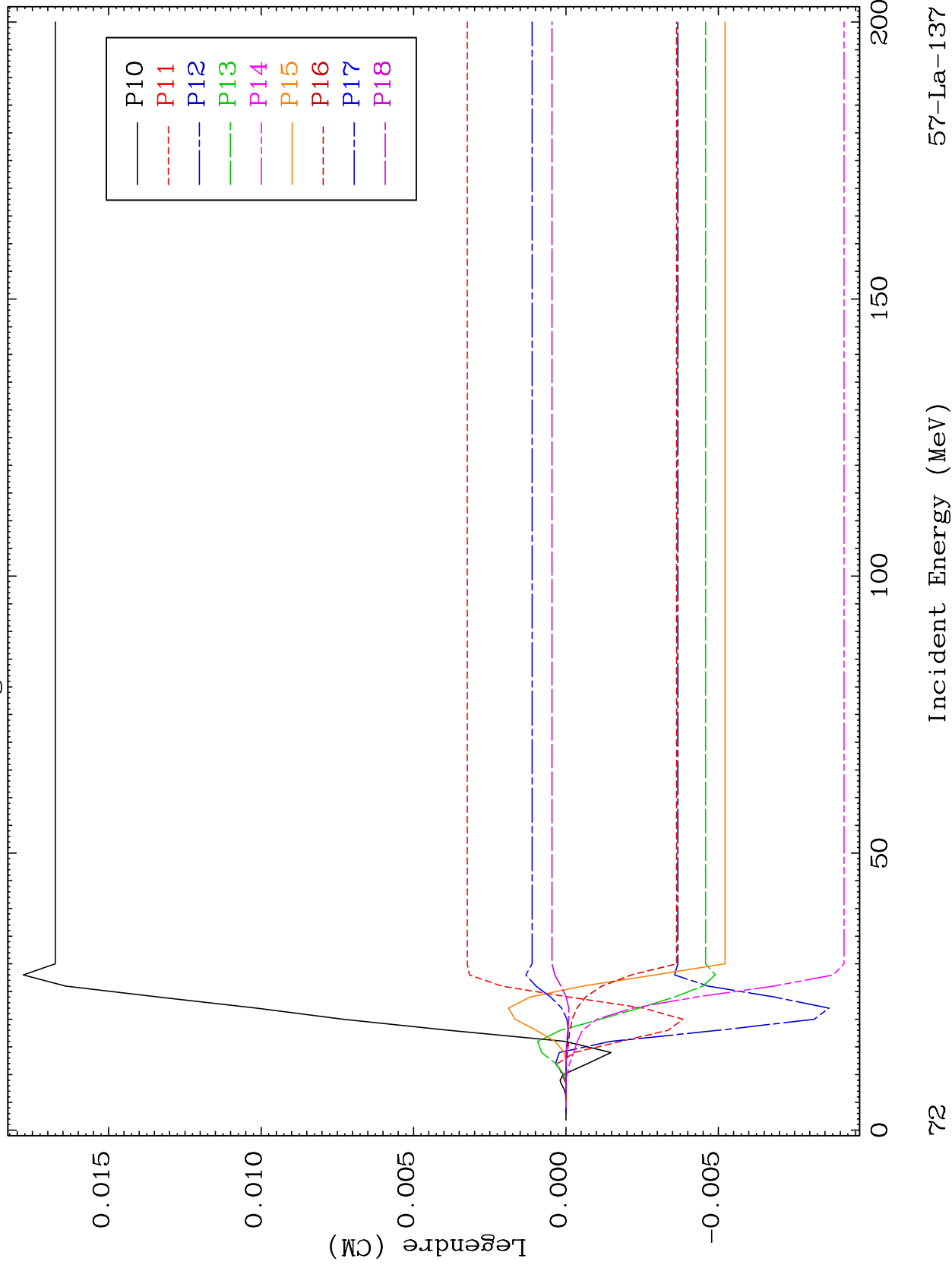
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



57-La-137

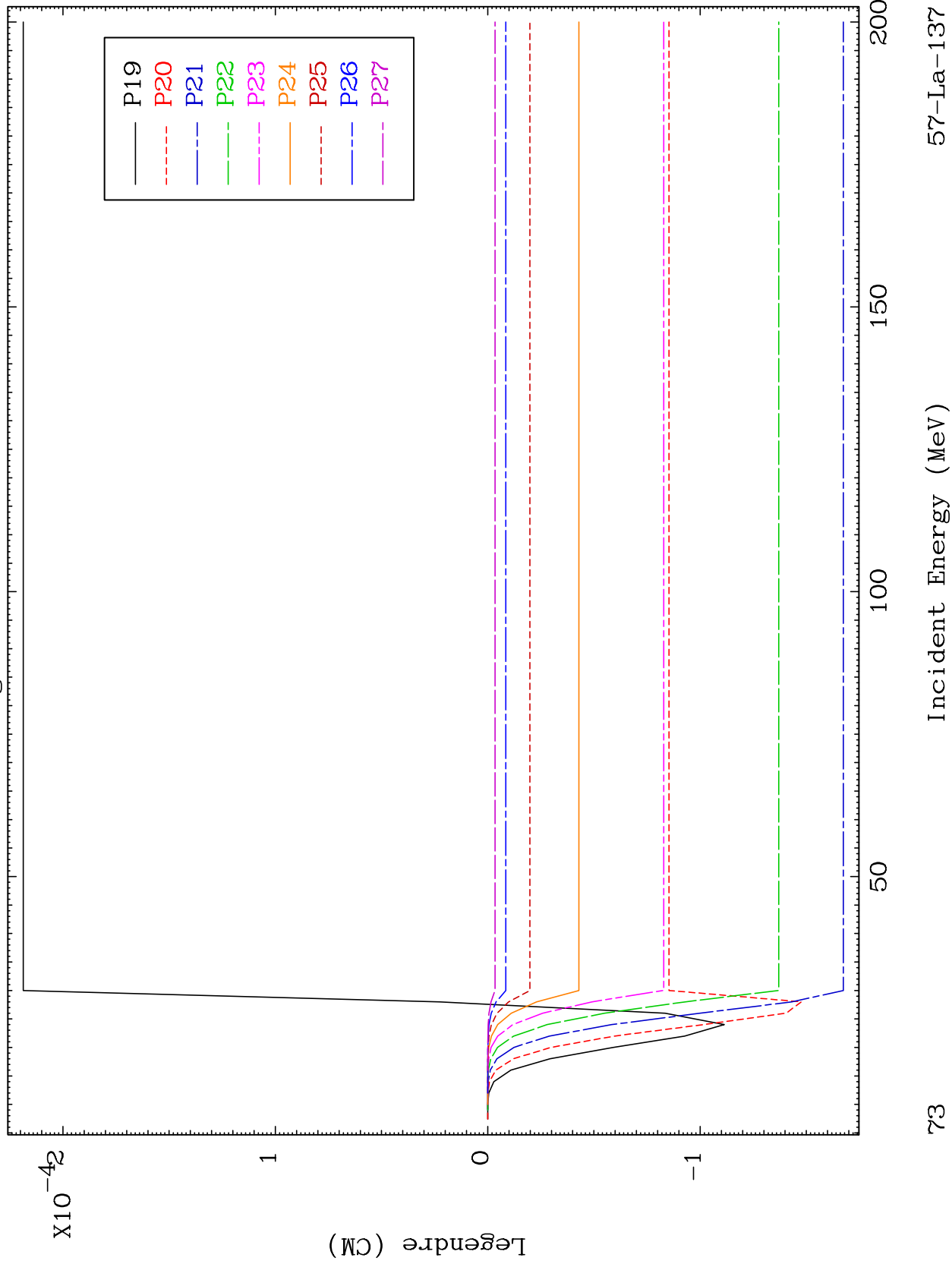
Incident Energy (MeV)

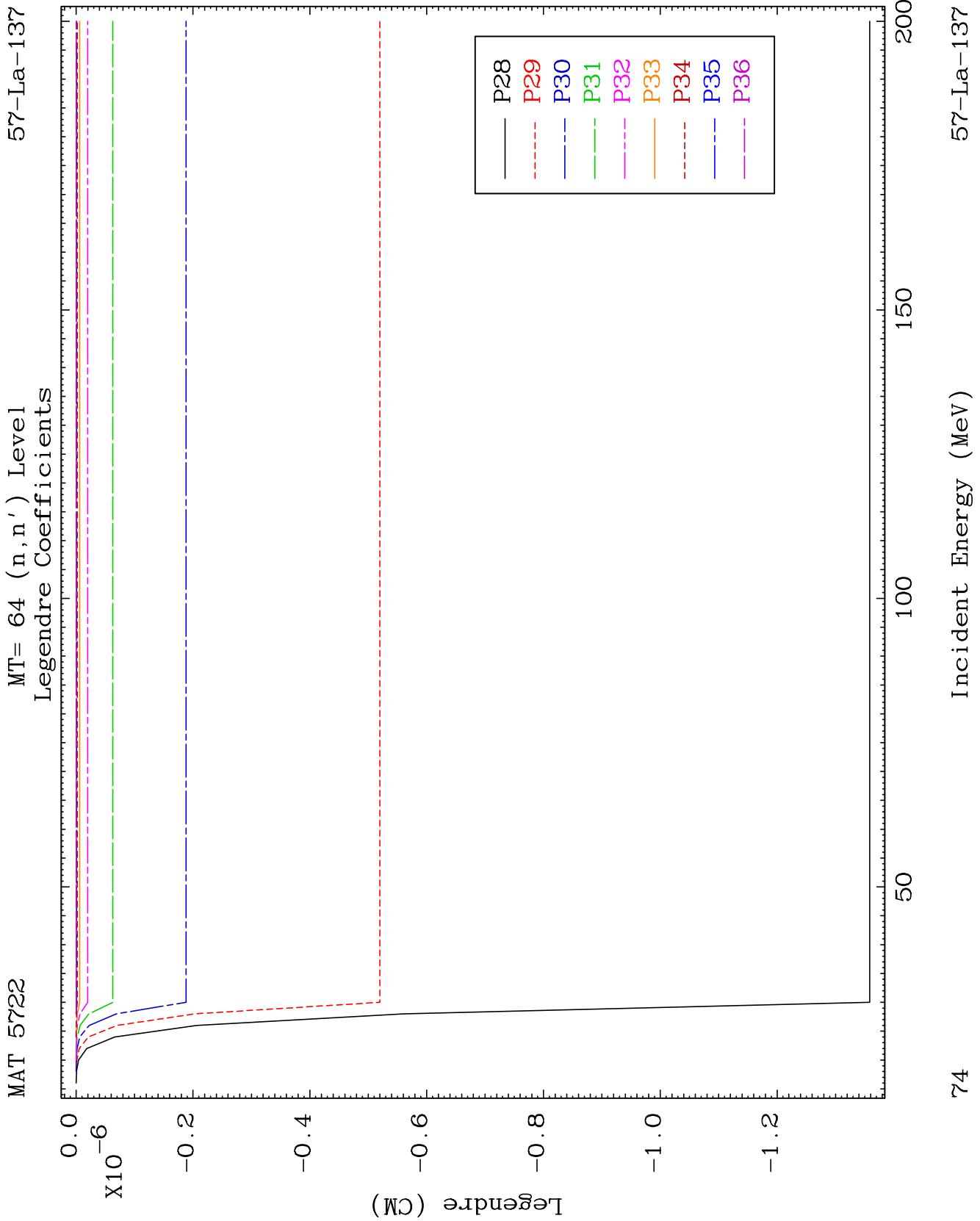
72

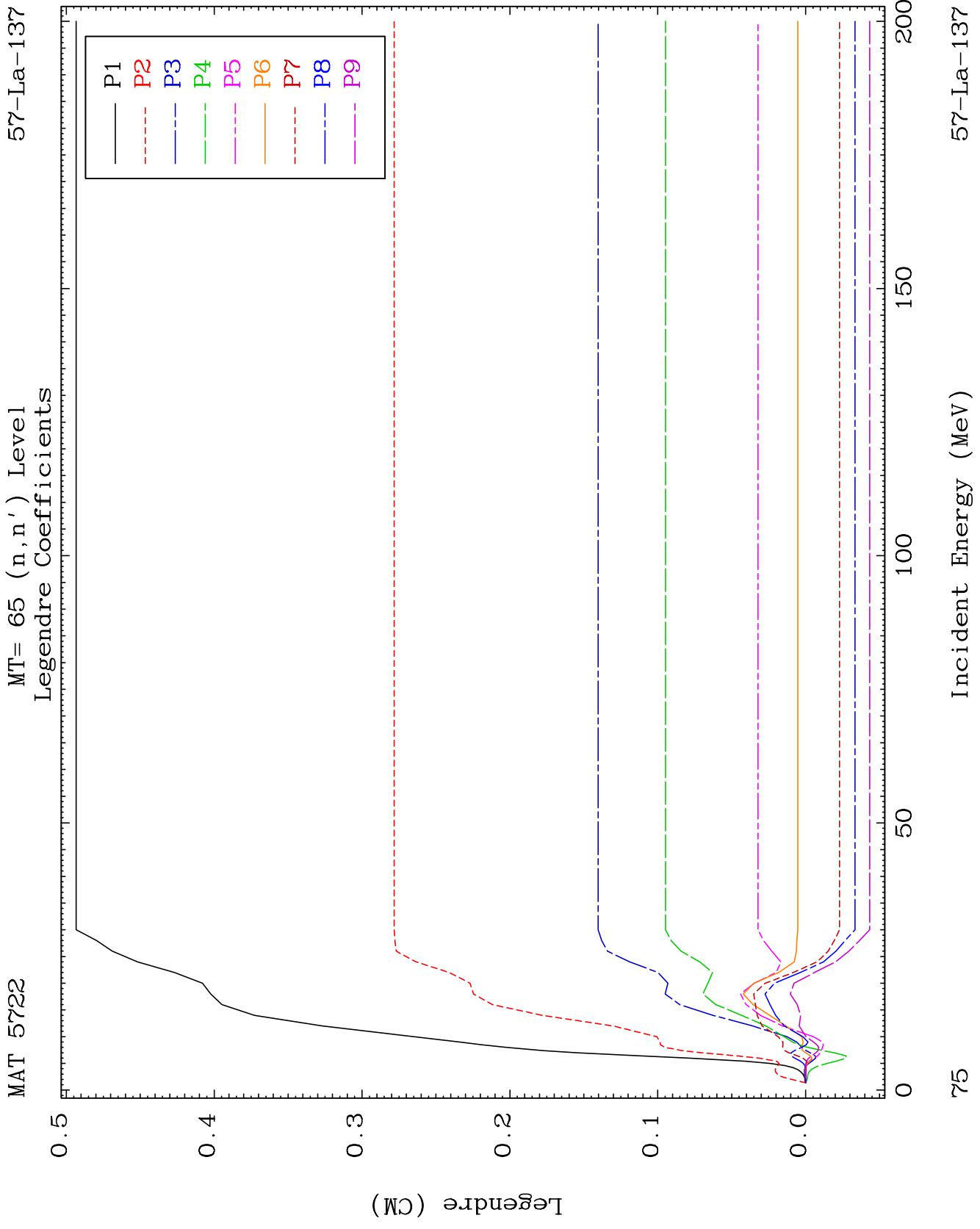
MAT 5722

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

57-La-137



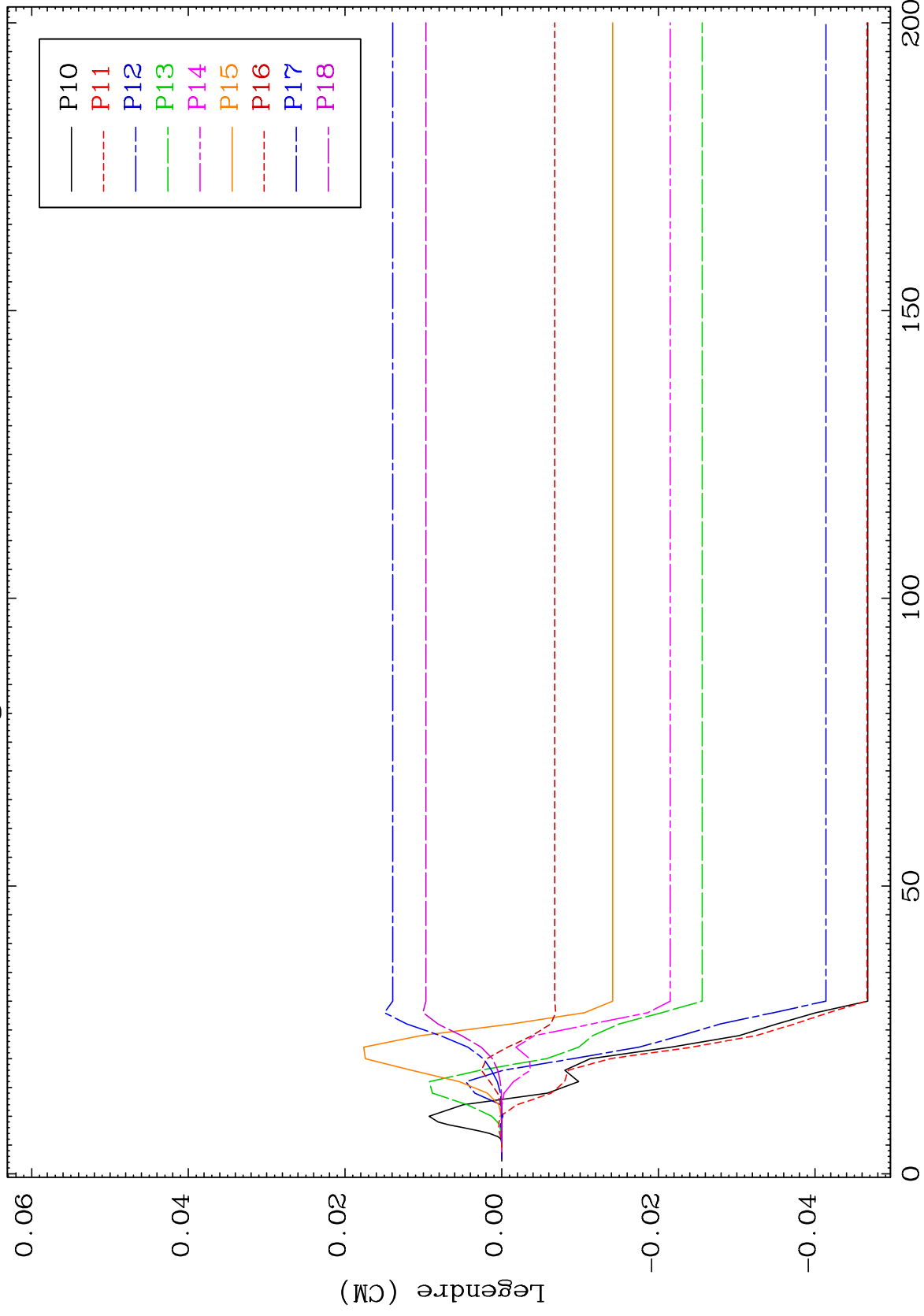




MAT 5722

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

57-La-137



76

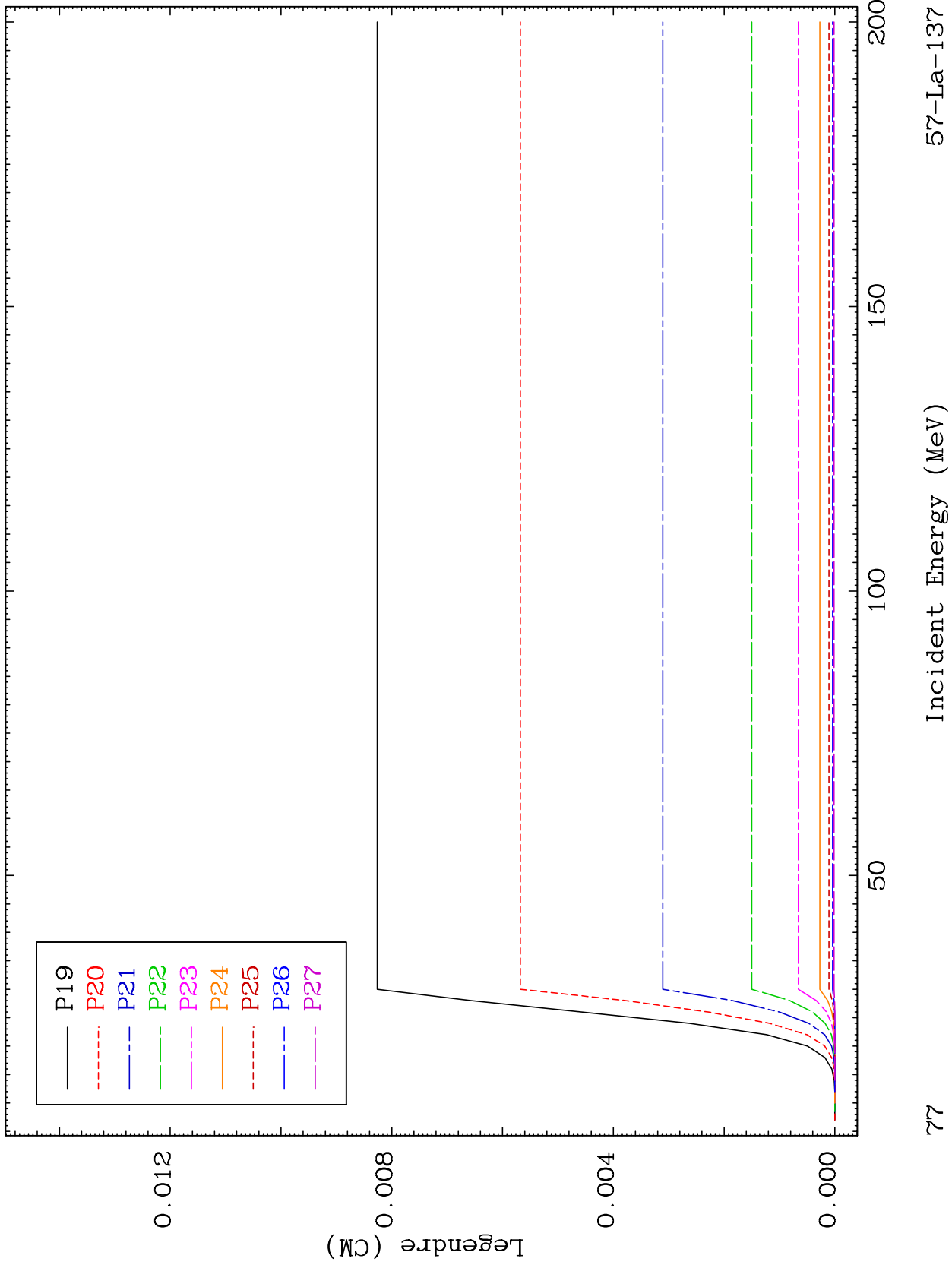
Incident Energy (MeV)

57-La-137

MAT 5722

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

57-La-137



77

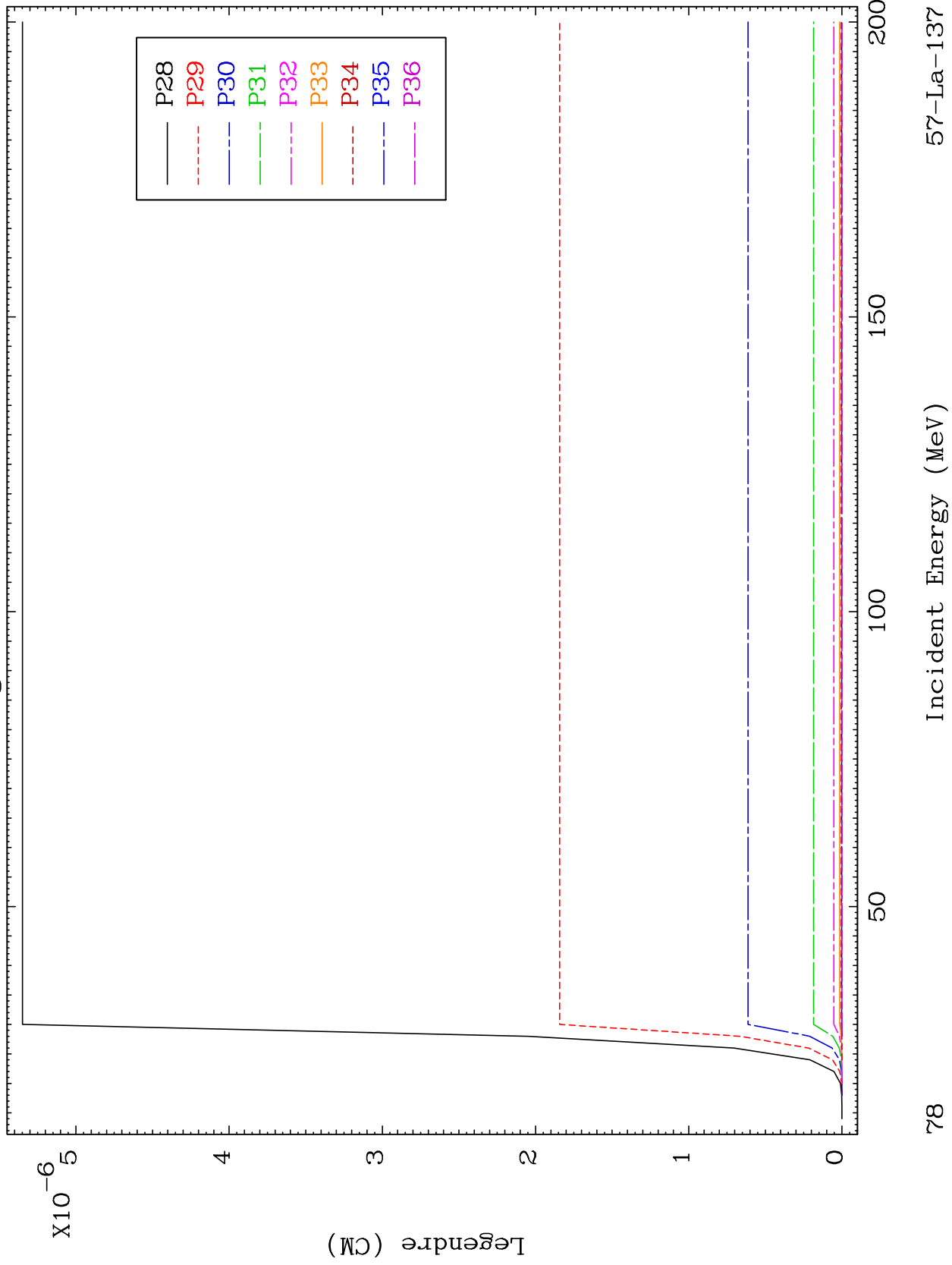
Incident Energy (MeV)

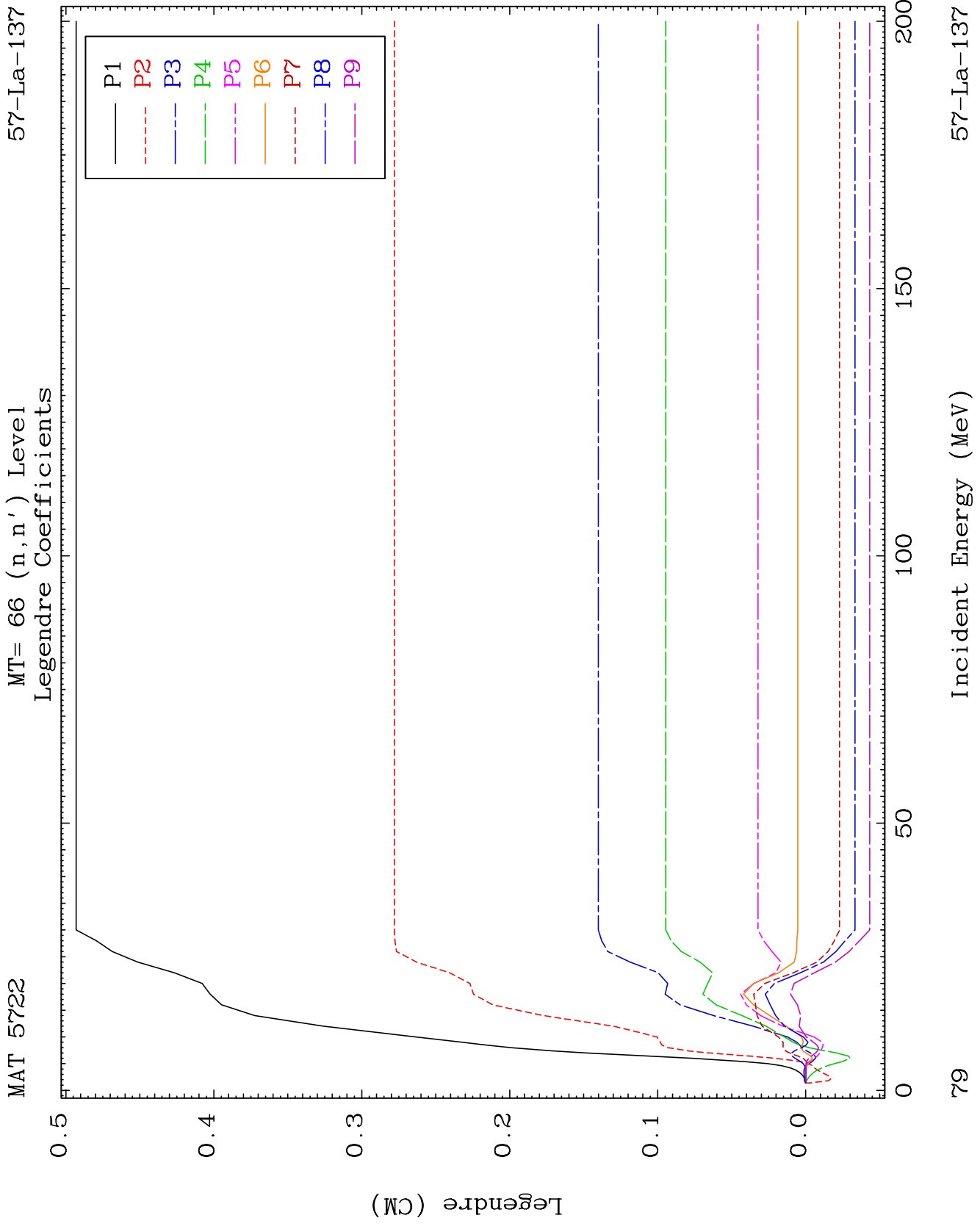
57-La-137

MAT 5722

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

57-La-137

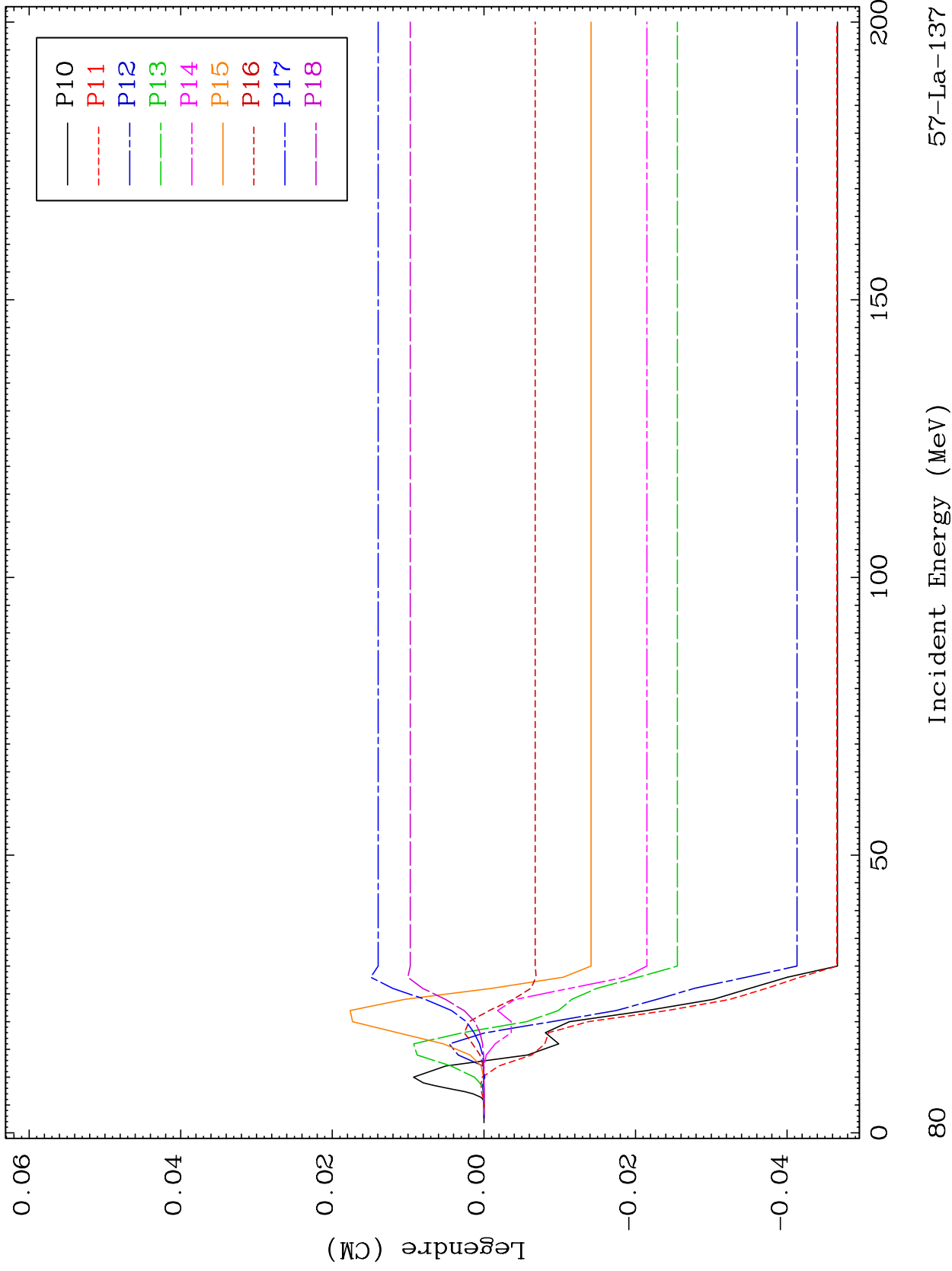




MAT 5722

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

57-La-137

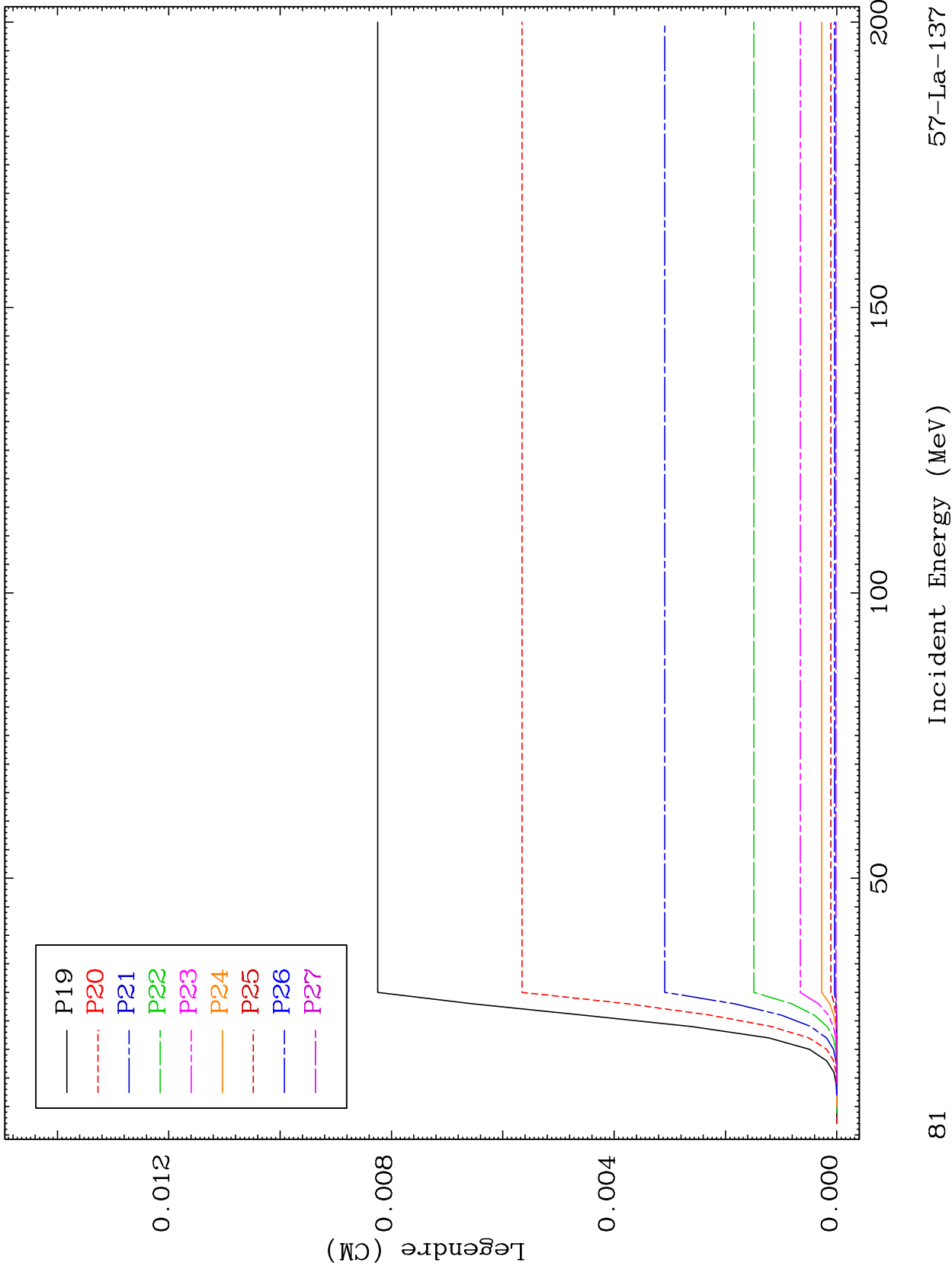


57-La-137

MAT 5722

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

57-La-137



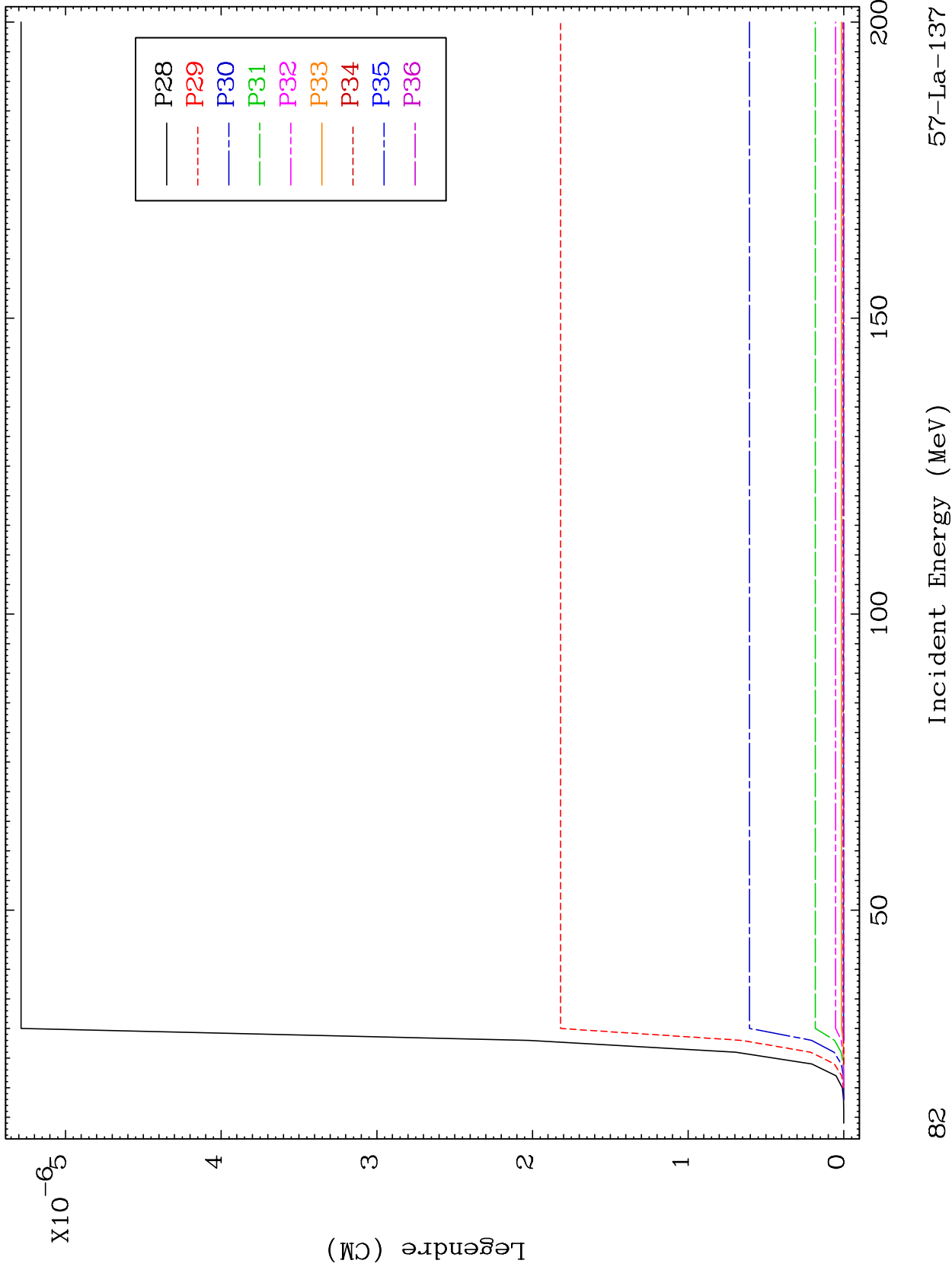
81

57-La-137

MAT 5722

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

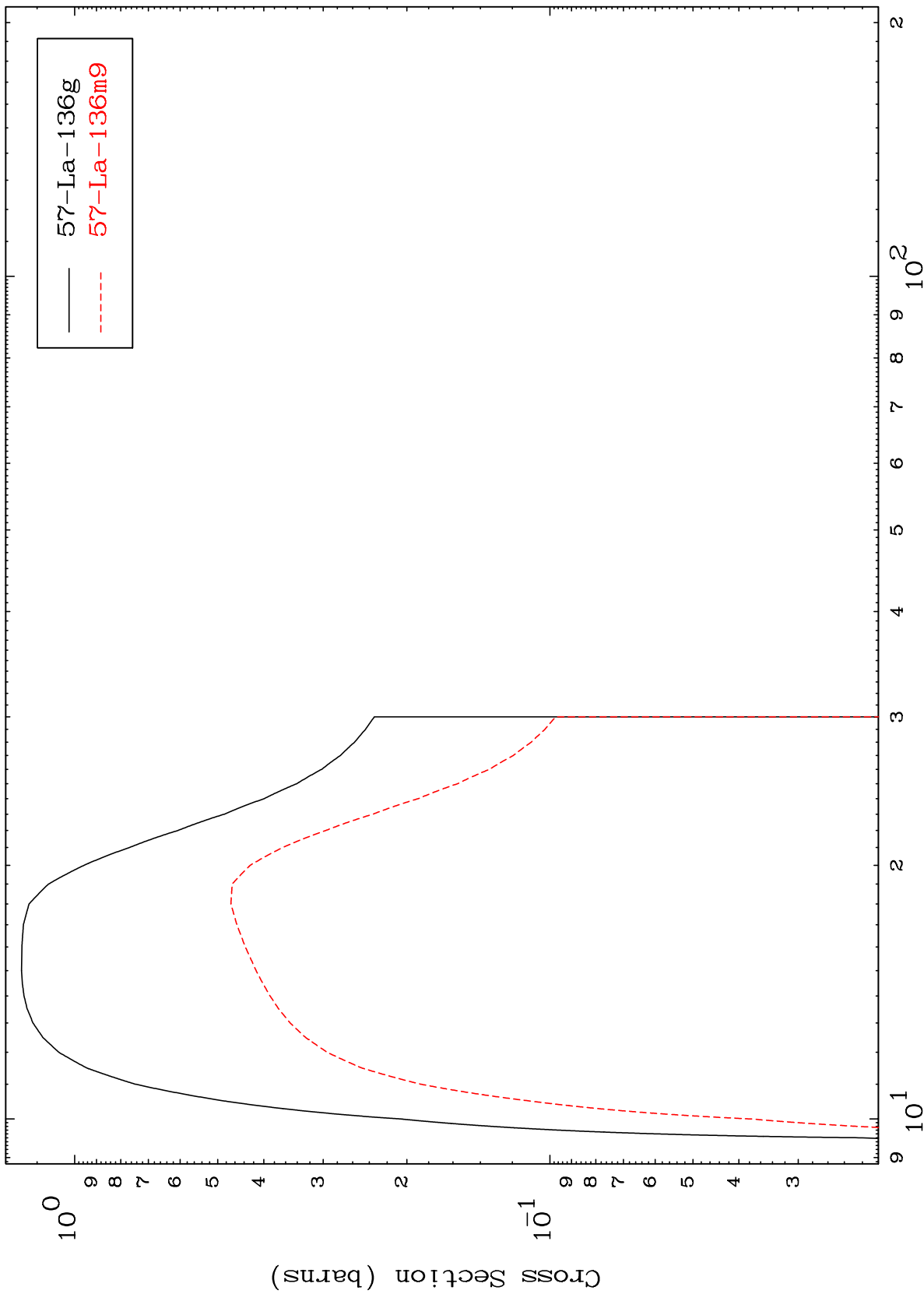
57-La-137



MAT 5722

57-La-137

(n,2n)
Radionuclide Production Cross Section



57-La-136g
57-La-136m9

57-La-137

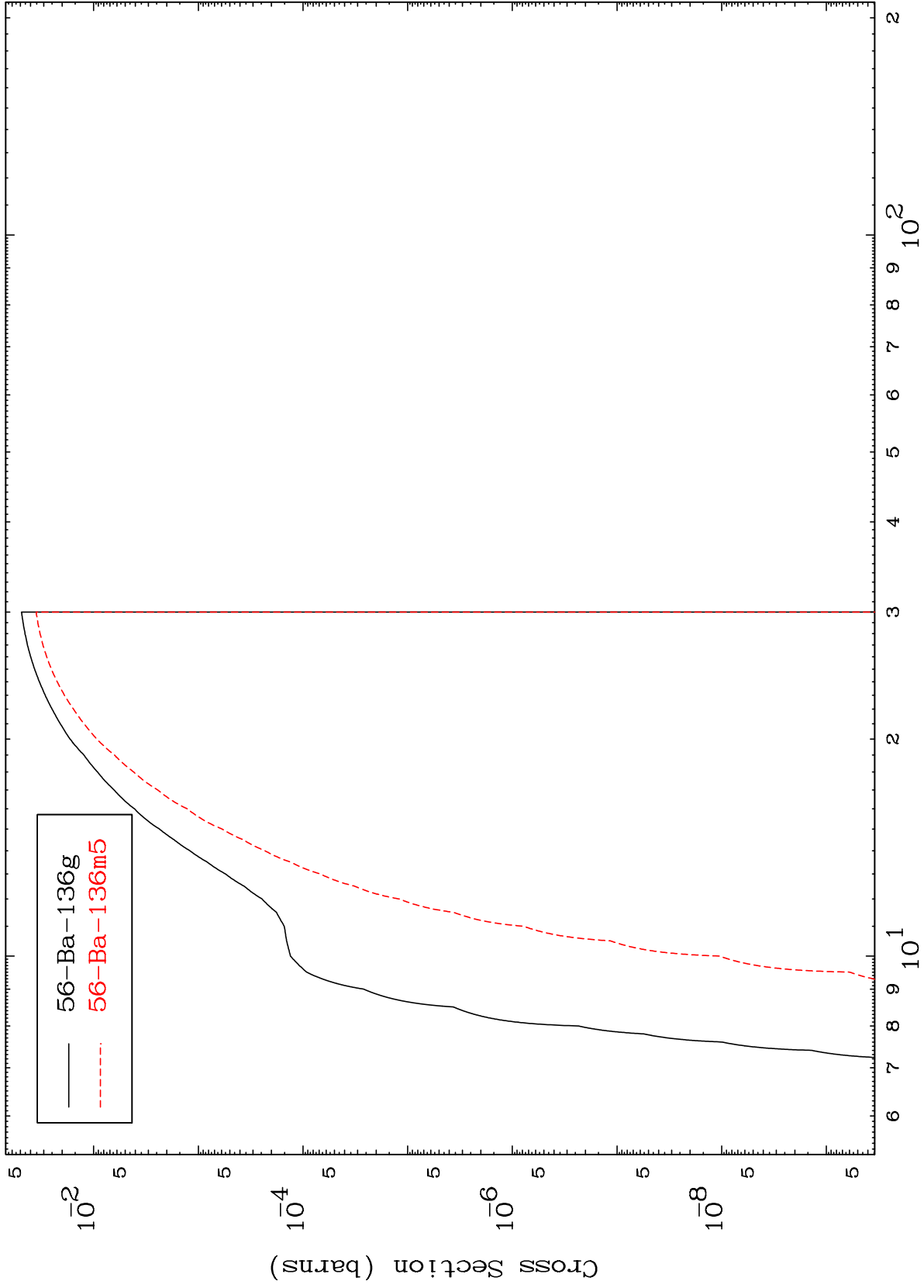
Incident Energy (MeV)

83

MAT 5722

57-La-137

(n,n') p
Radionuclide Production Cross Section



84

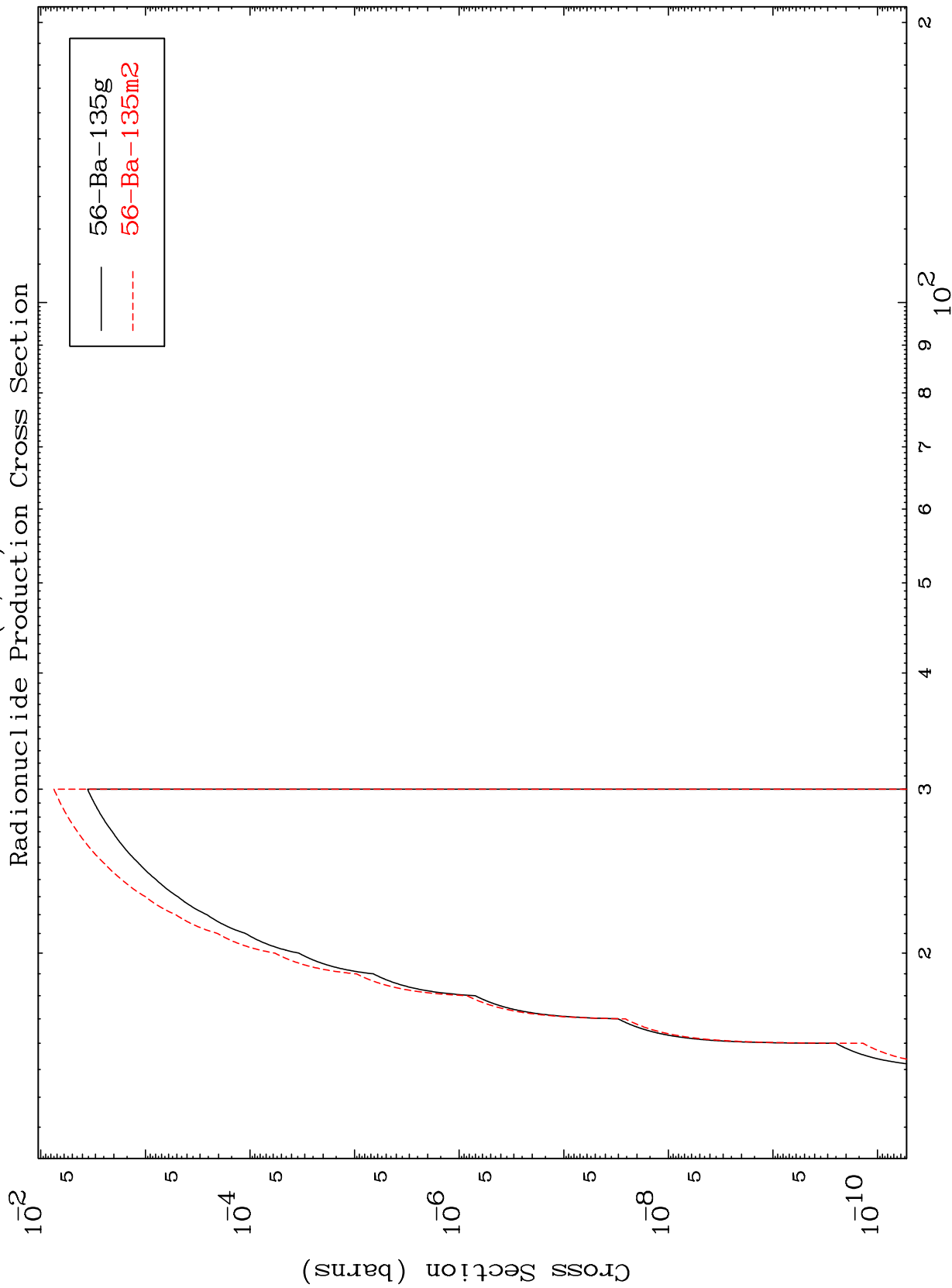
Incident Energy (MeV)

57-La-137

MAT 5722

57-La-137

$(n, n') d$
Radionuclide Production Cross Section

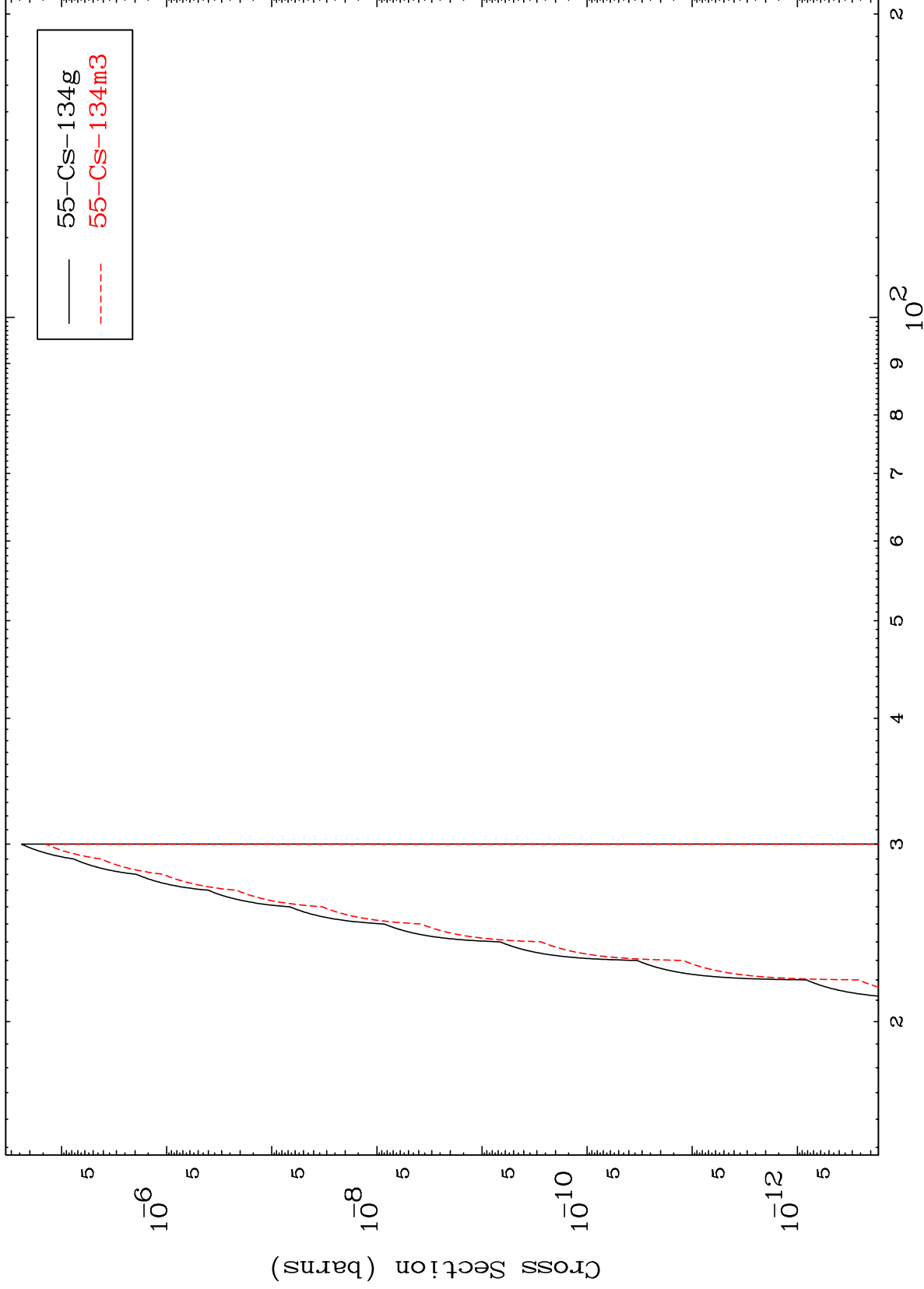


85

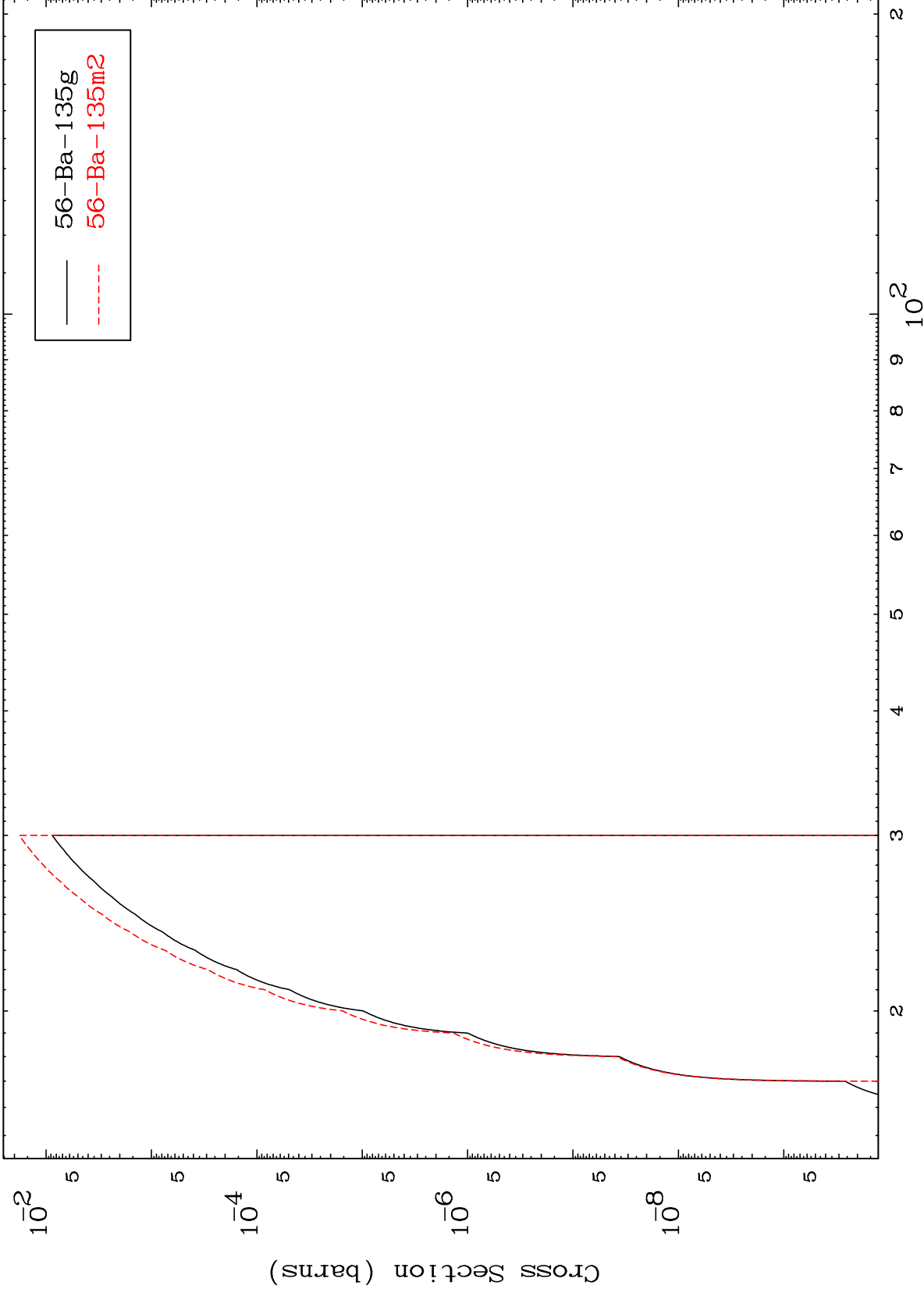
Incident Energy (MeV)

57-La-137

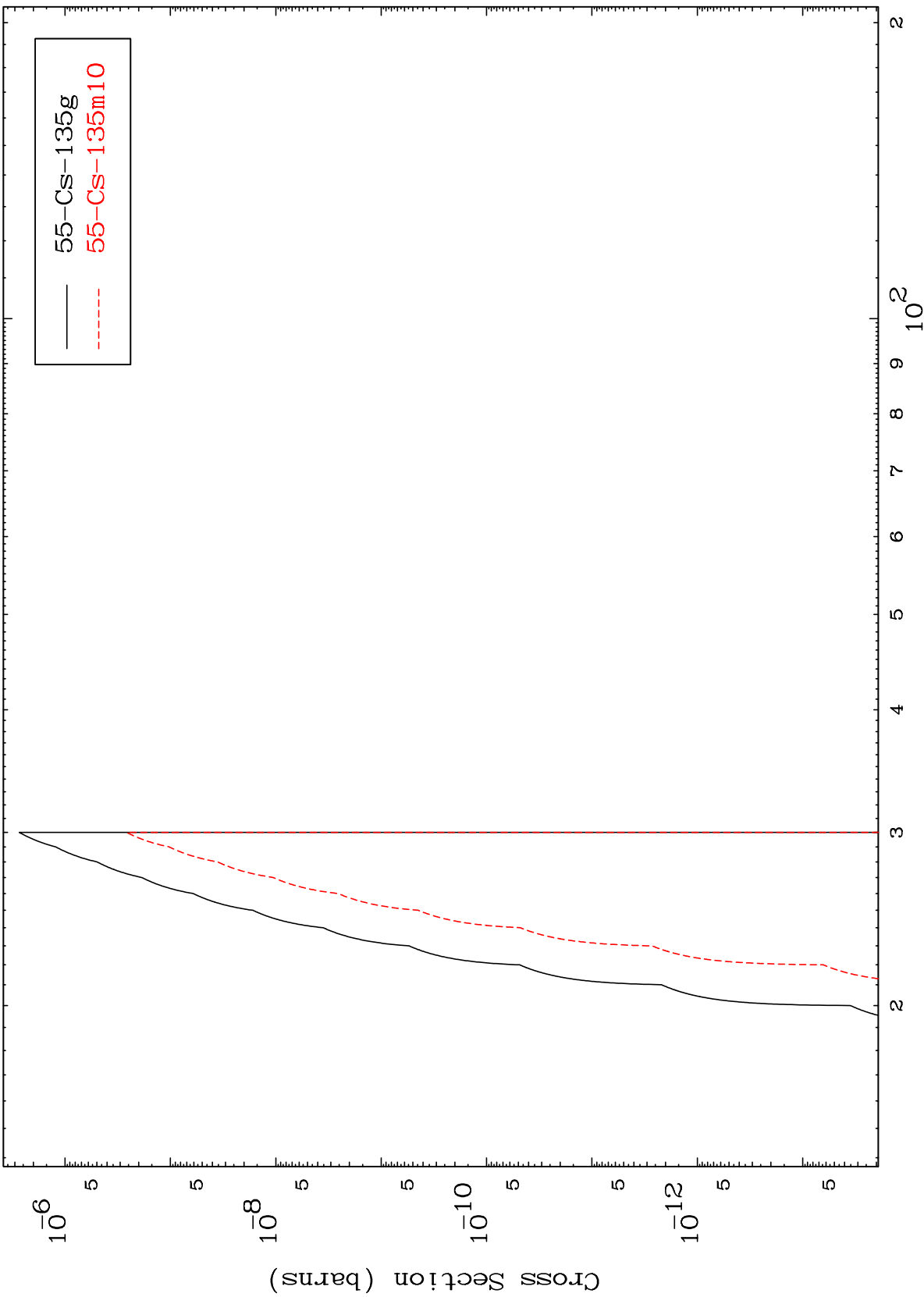
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

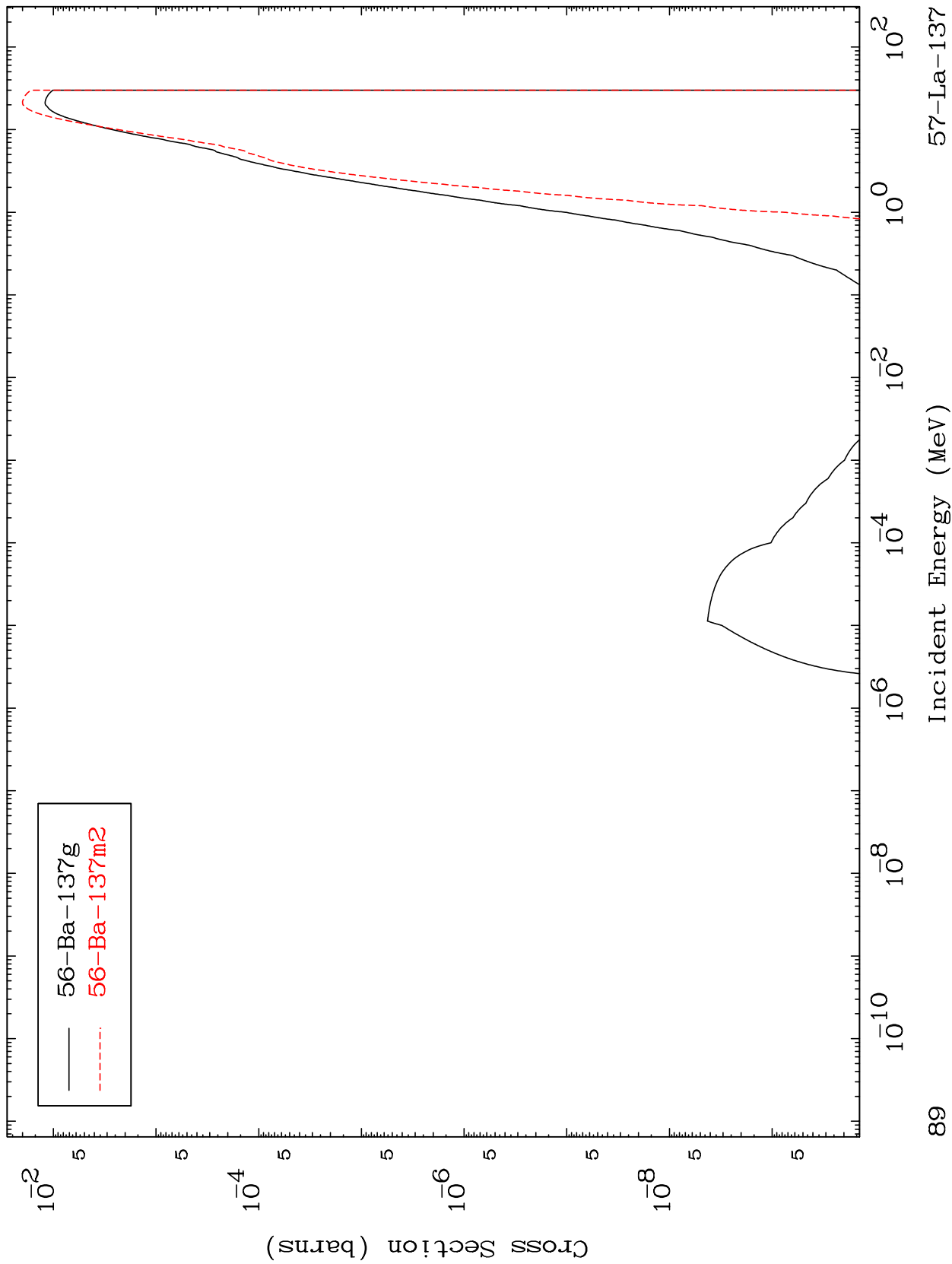


55-Cs-135g
55-Cs-135m10

MAT 5722

57-La-137

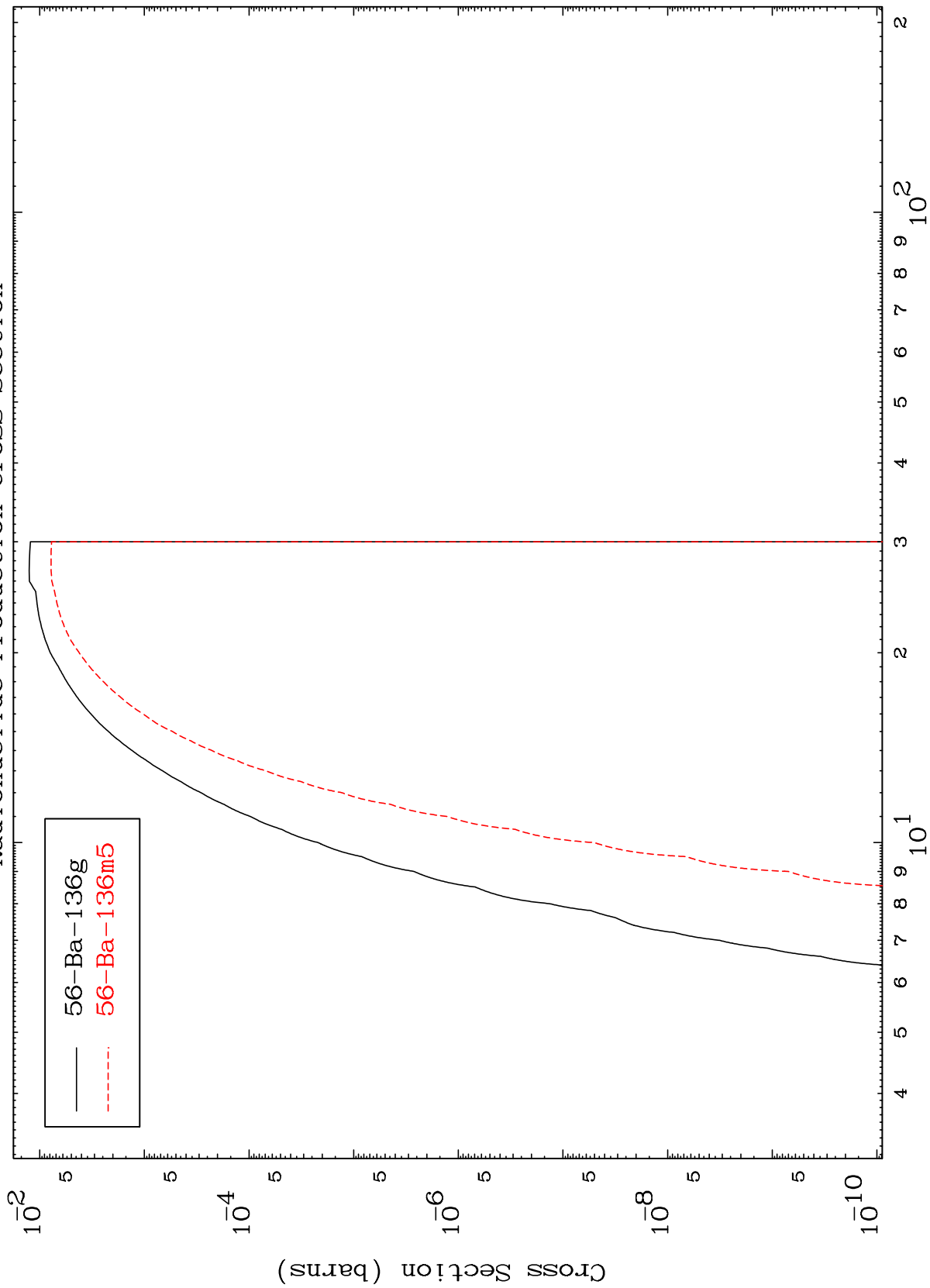
(n,p)
Radionuclide Production Cross Section



MAT 5722

57-La-137

(n,d)
Radionuclide Production Cross Section



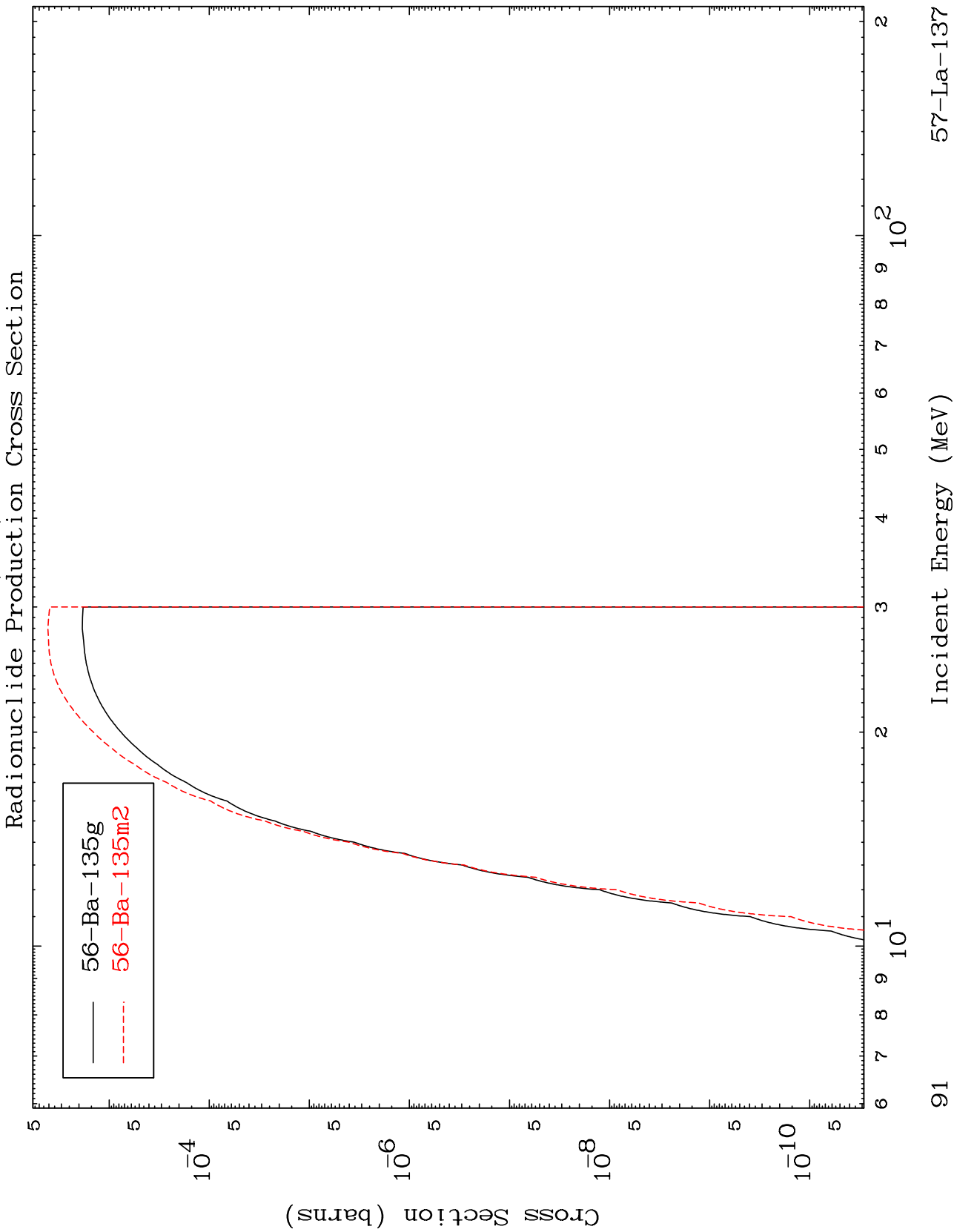
90

Incident Energy (MeV)

57-La-137

MAT 5722

57-La-137



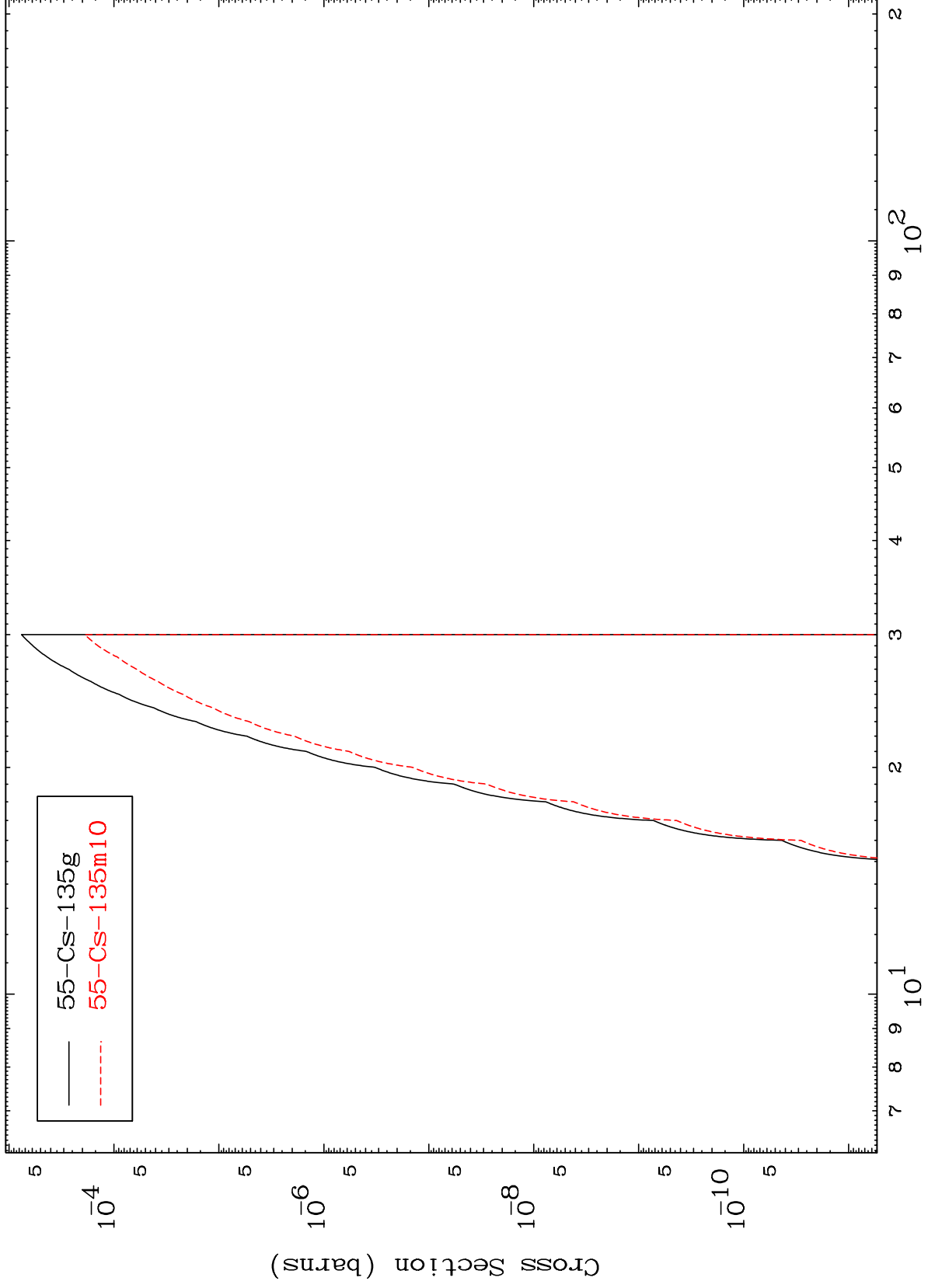
91

MAT 5722

(n,He-3)

57-La-137

Radionuclide Production Cross Section



92

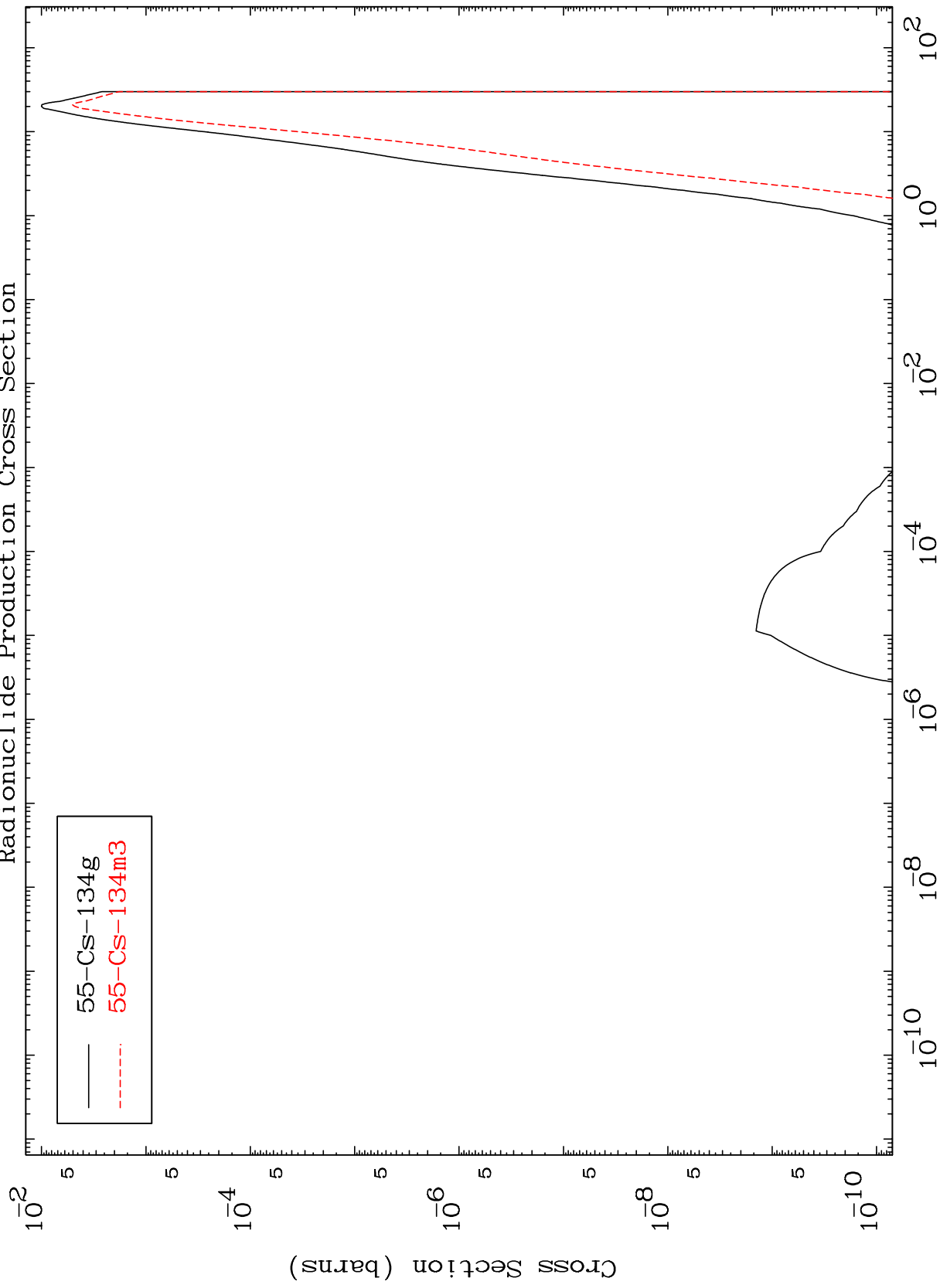
Incident Energy (MeV)

57-La-137

MAT 5722

57-La-137

Radionuclide Production Cross Section



93

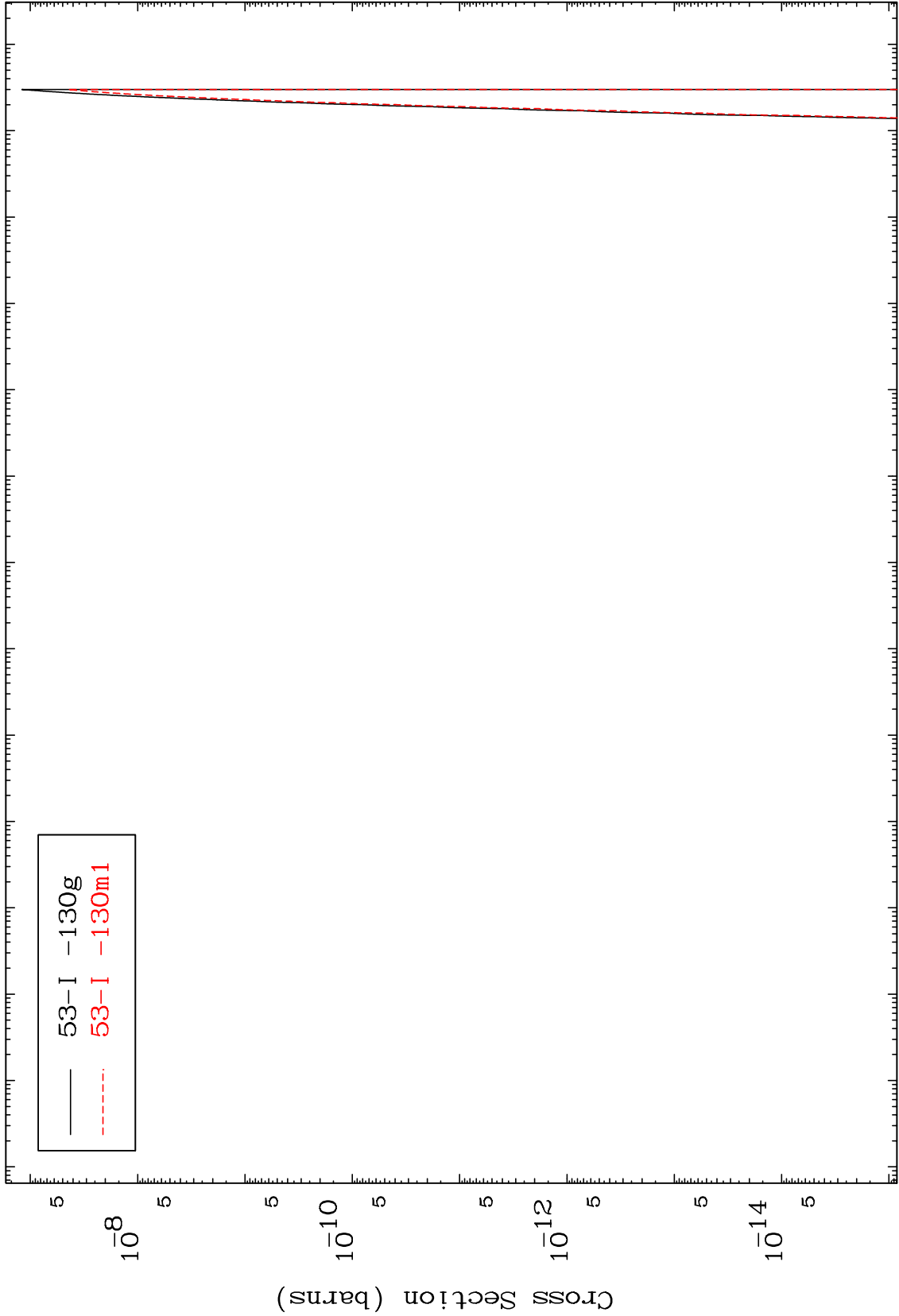
57-La-137

MAT 5722

(n,2α)

57-La-137

Radionuclide Production Cross Section

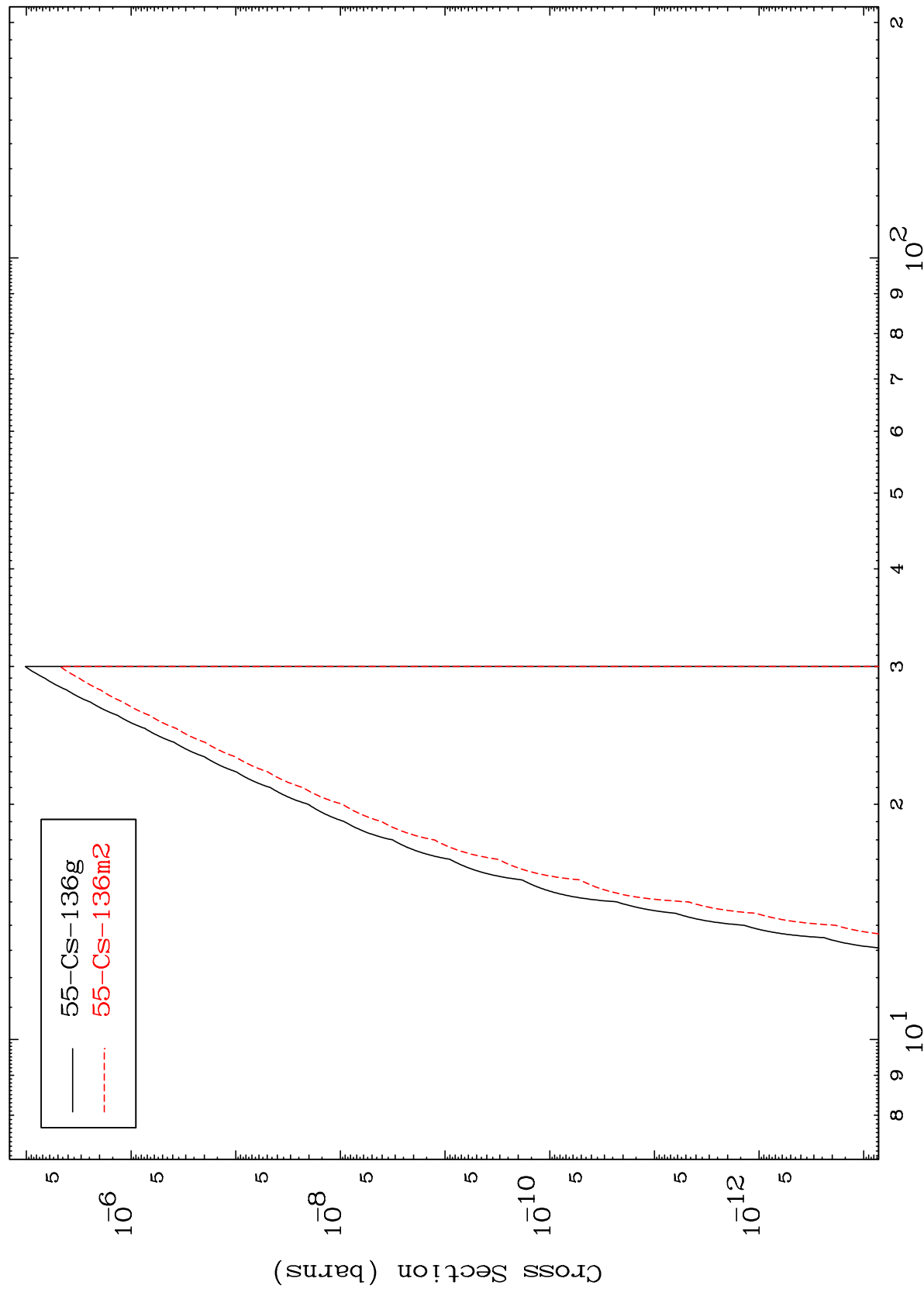


53-I -130g
53-I -130m1

MAT 5722

57-La-137

(n,2p)
Radionuclide Production Cross Section



— 55-Cs-136g
- - - 55-Cs-136m2

57-La-137

Incident Energy (MeV)

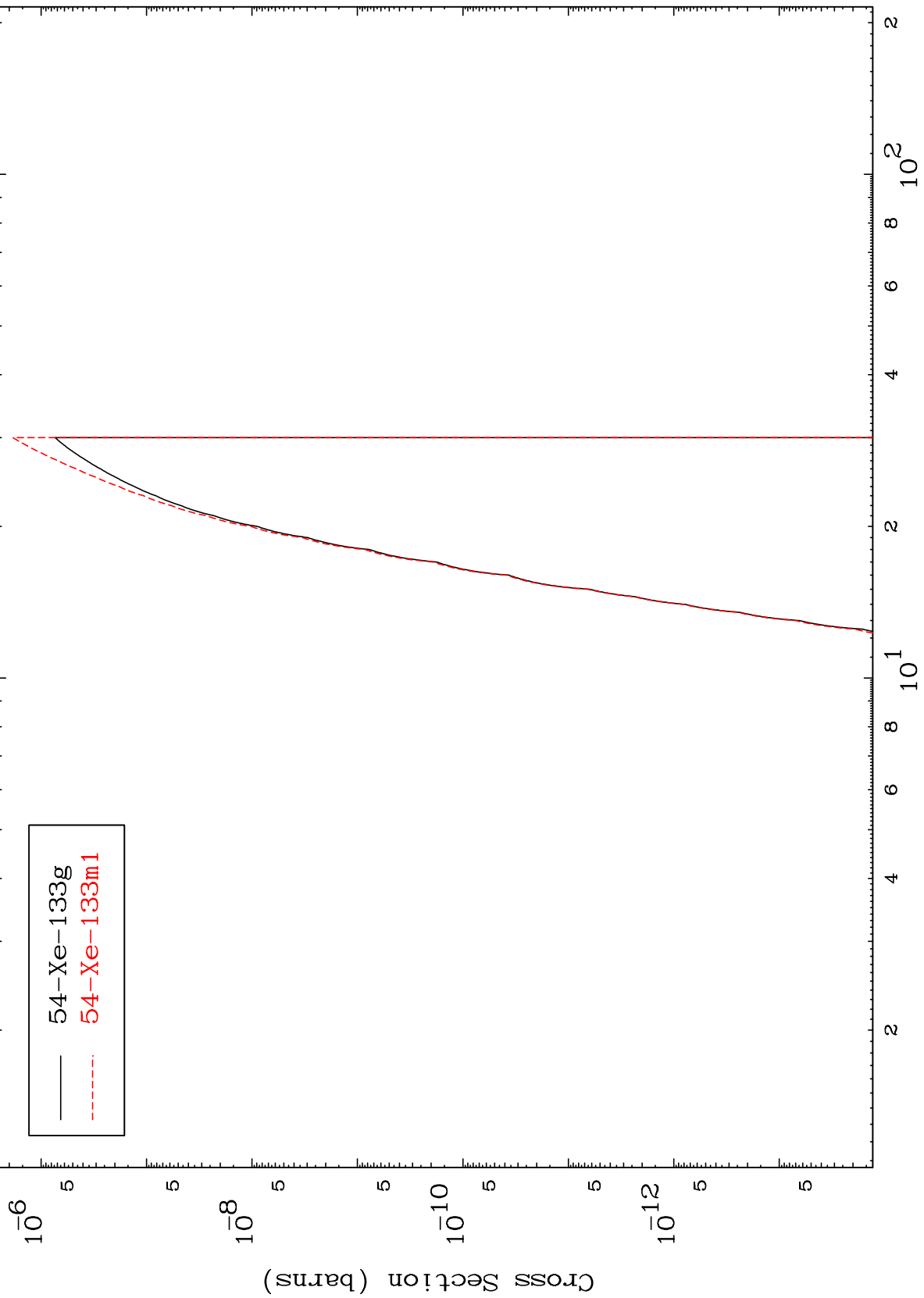
95

MAT 5722

(n,p) α

57-La-137

Radionuclide Production Cross Section

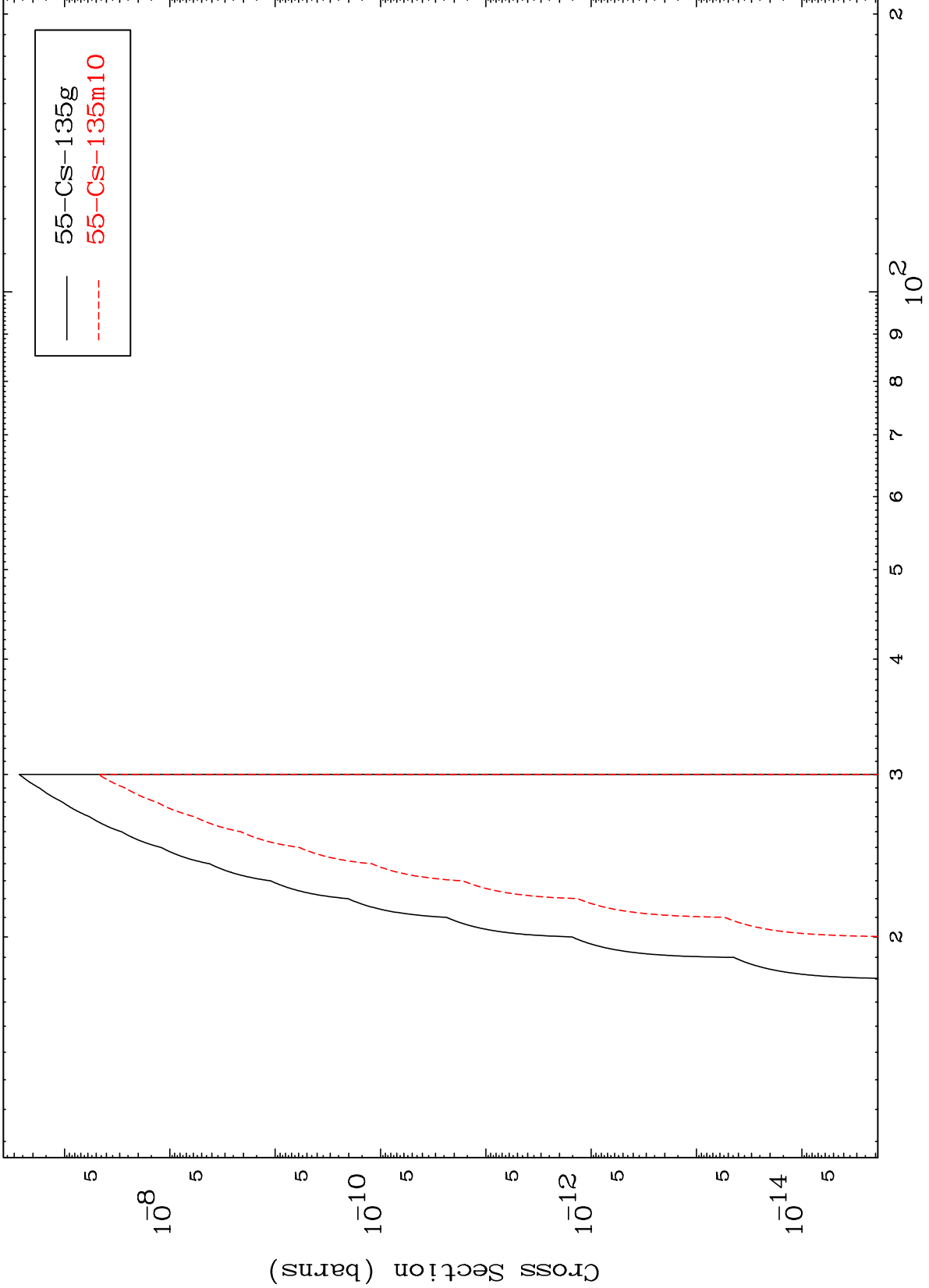


MAT 5722

(n,p) d

57-La-137

Radionuclide Production Cross Section



97

Incident Energy (MeV)

57-La-137

Radionuclide Production Cross Section

