

Program EVALPLOT
(Version 2021-1)

by

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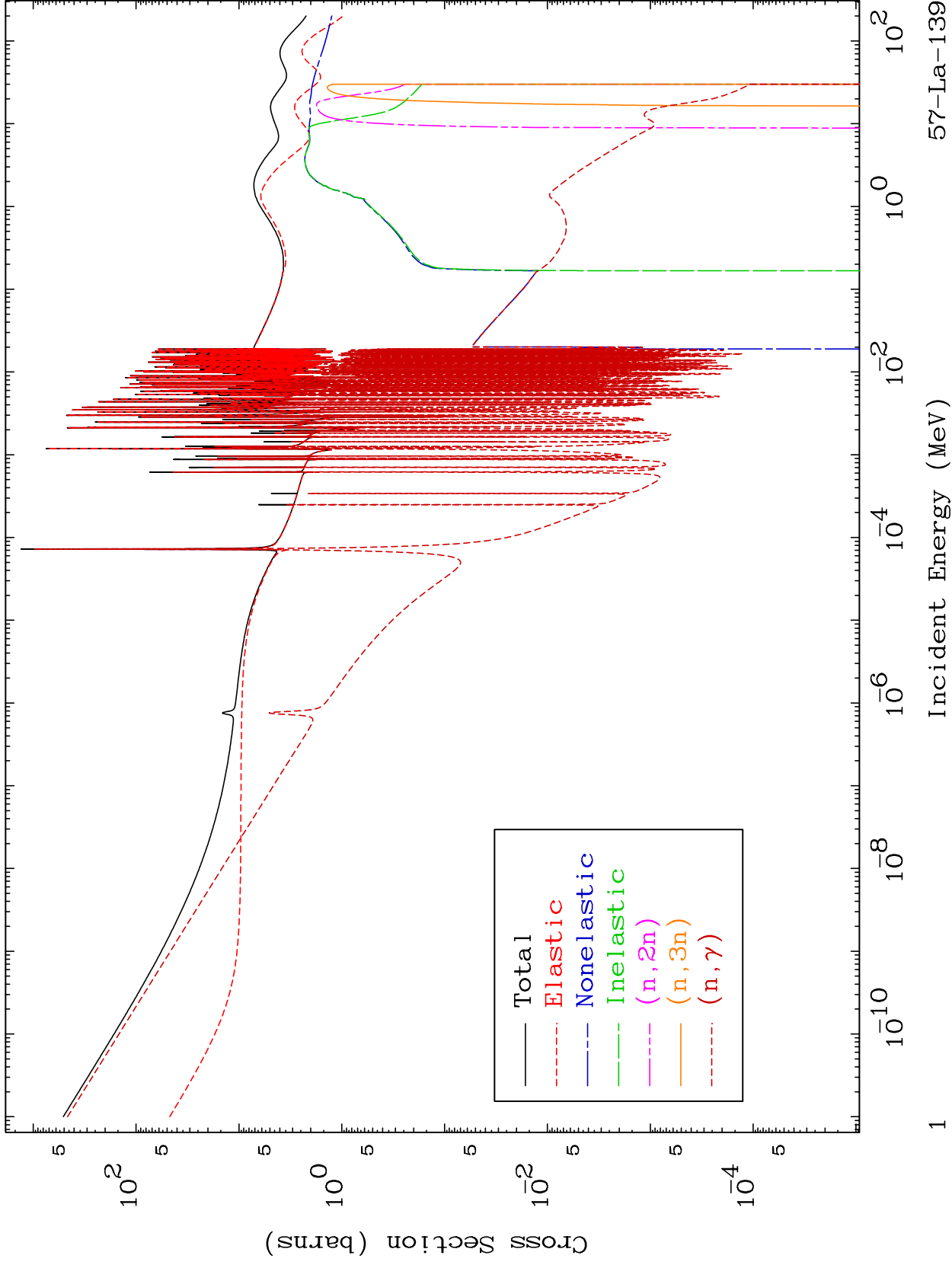
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5728

Neutron Major
293 Kelvin Cross Sections

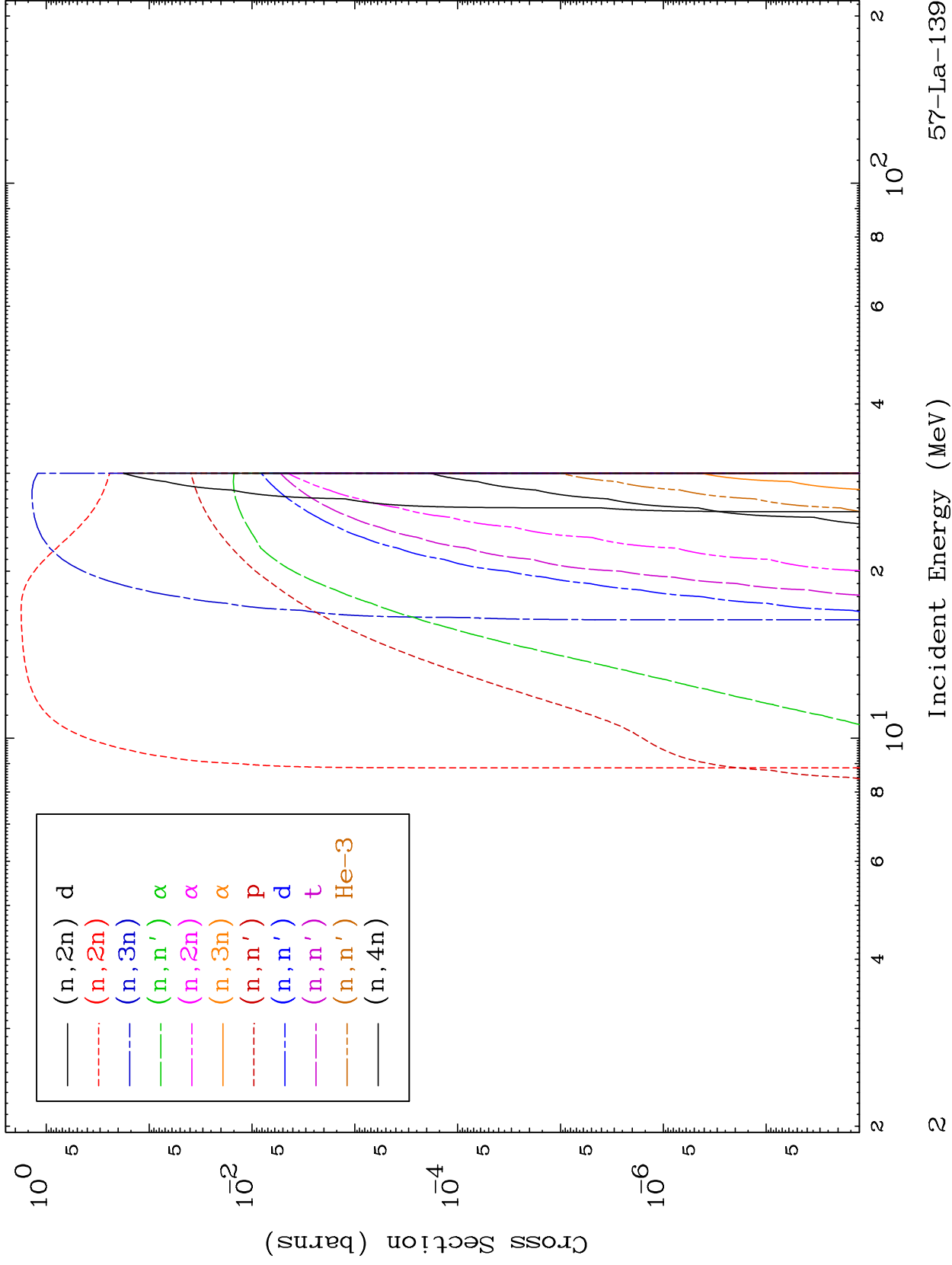
57-La-139



MAT 5728

Neutron Absorption
293 Kelvin Cross Sections

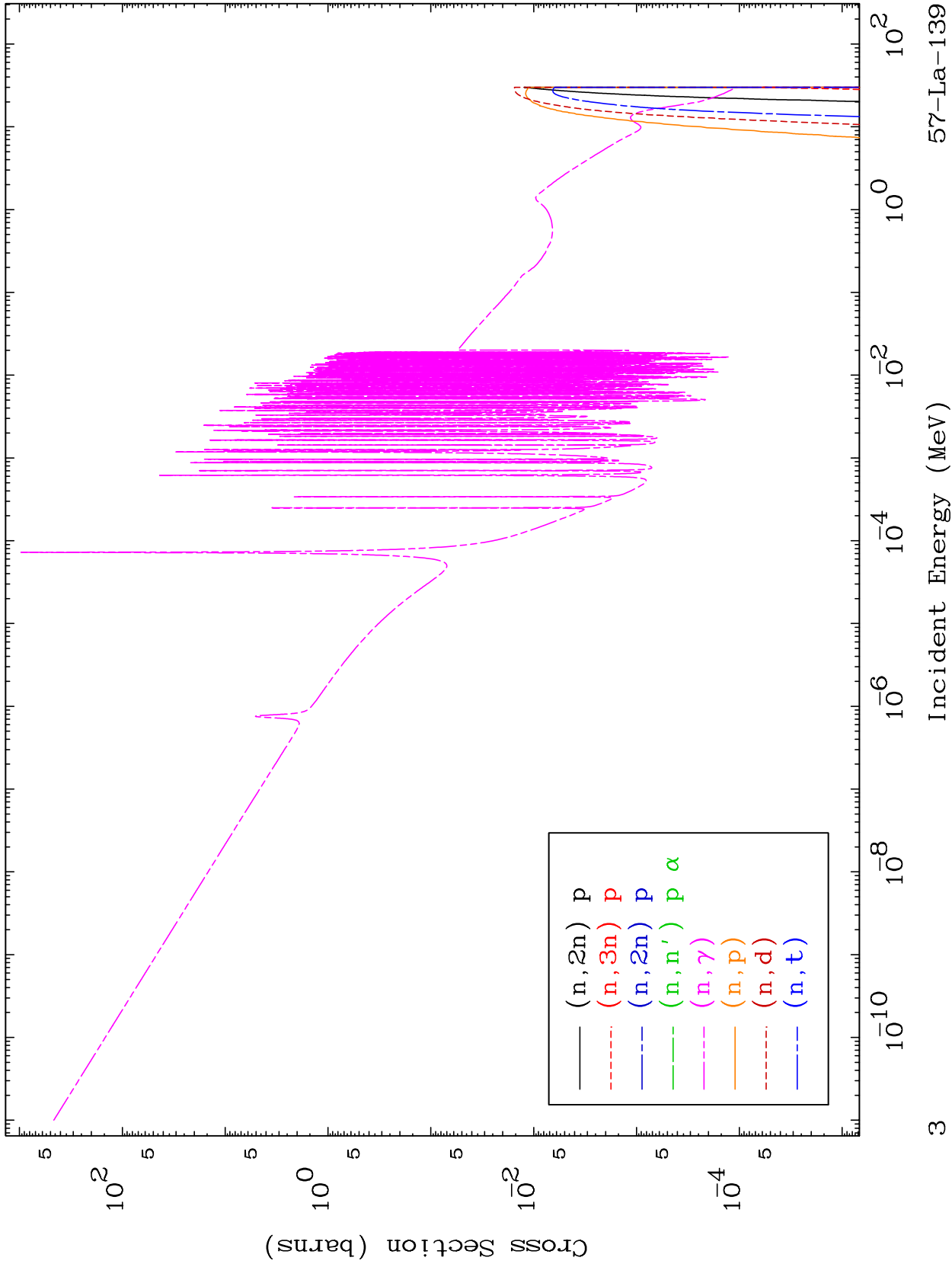
57-La-139

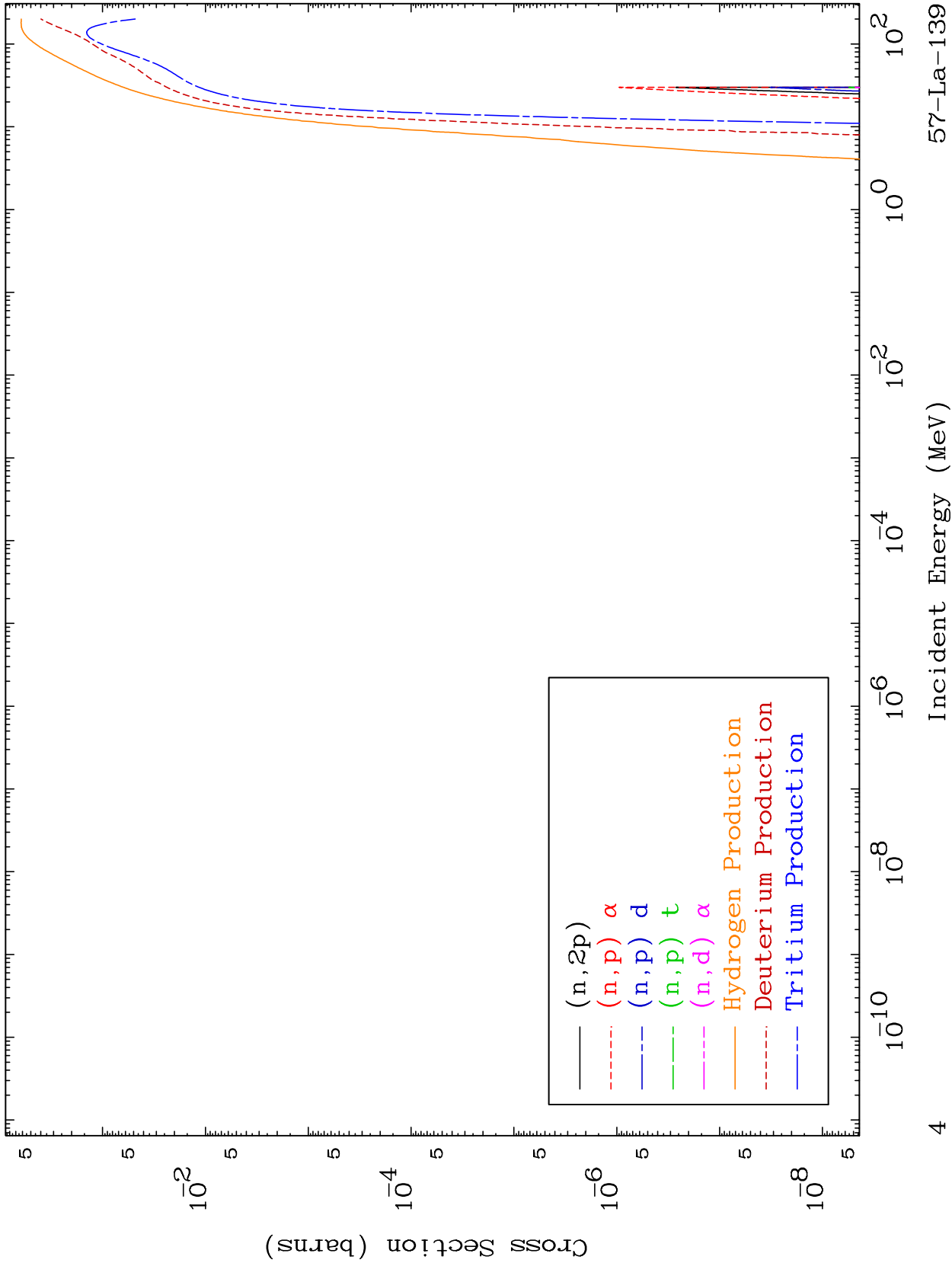


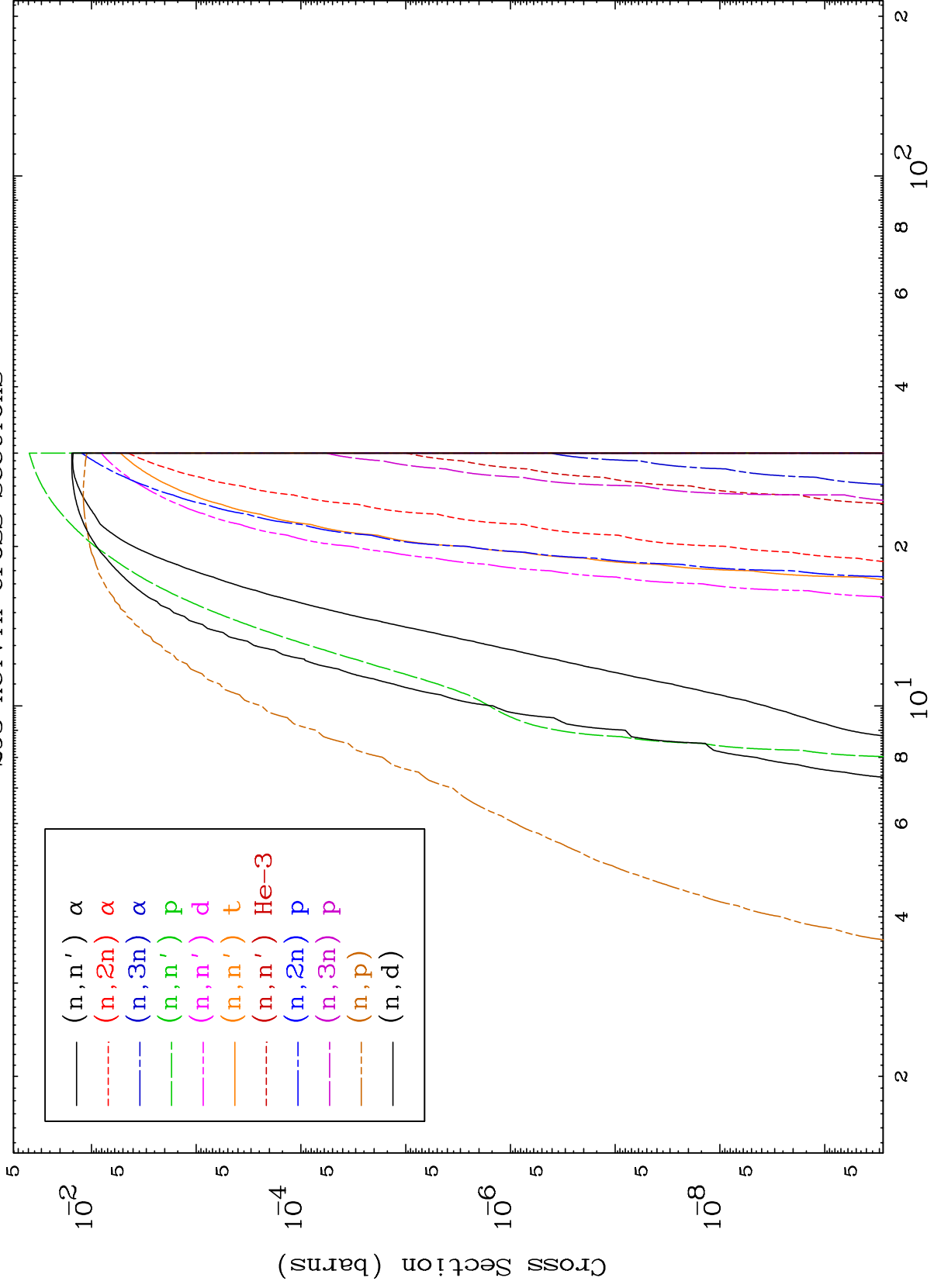
MAT 5728

Neutron Absorption
293 Kelvin Cross Sections

57-La-139



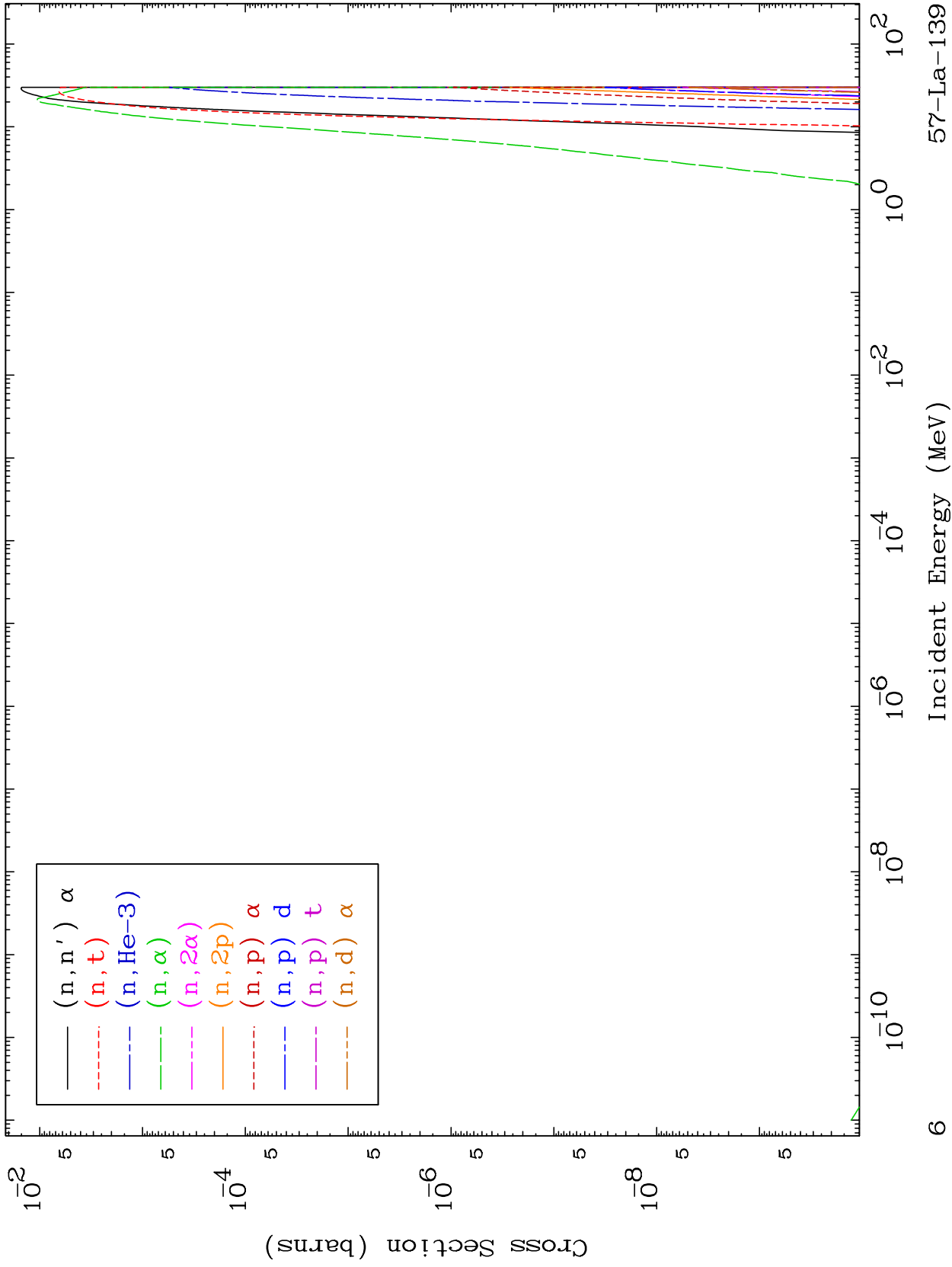


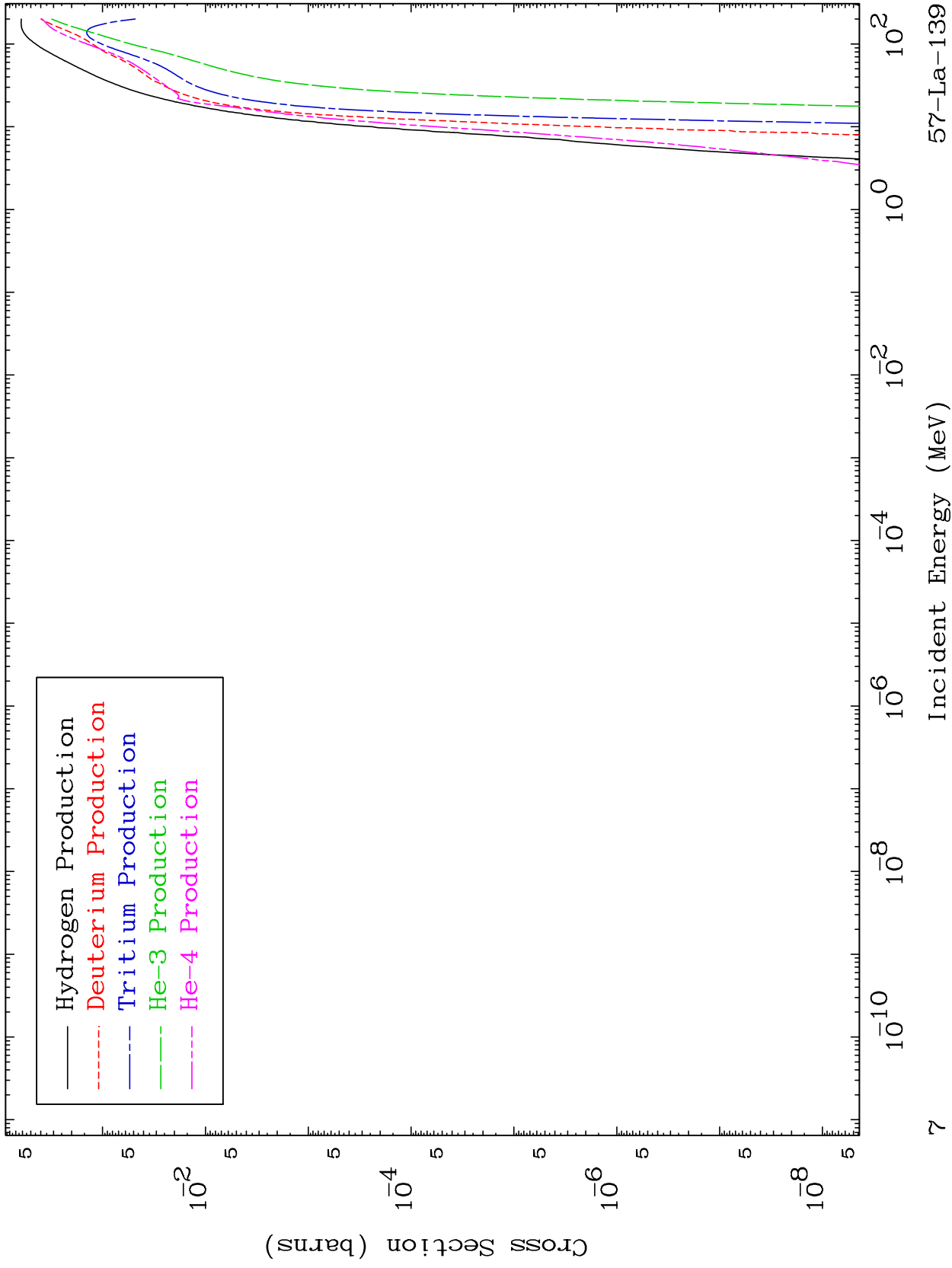


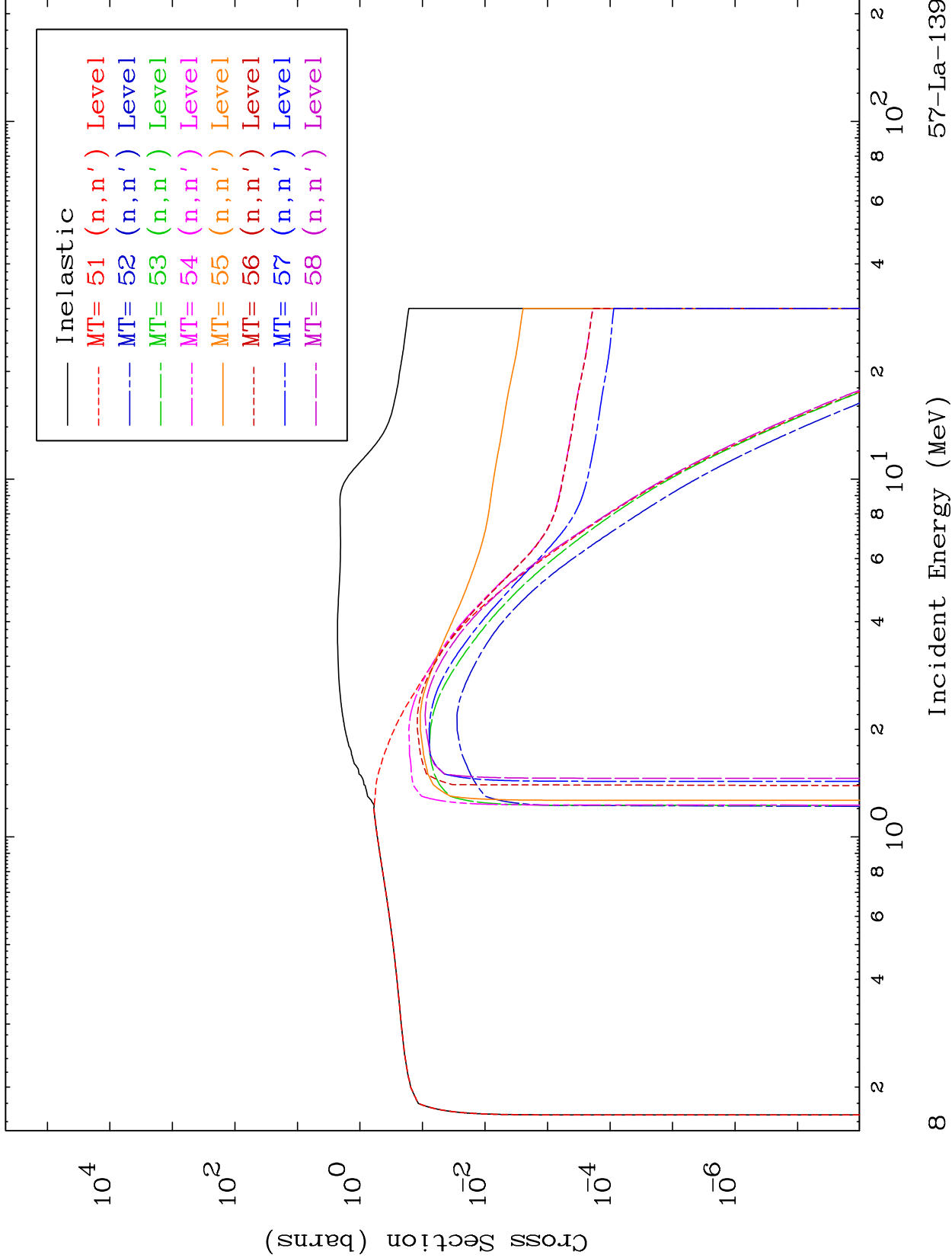
MAT 5728

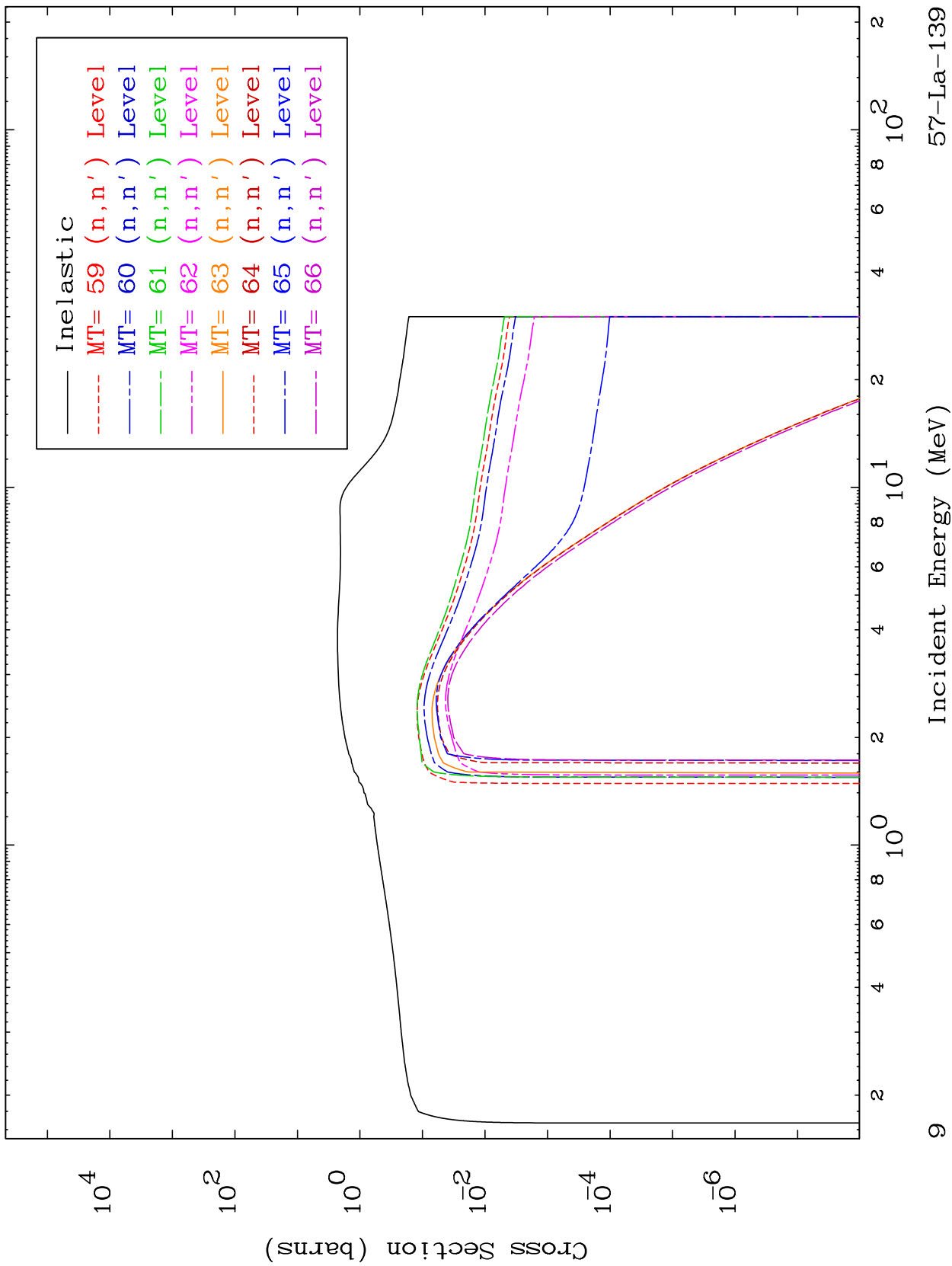
Charged Particle
293 Kelvin Cross Sections

57-La-139







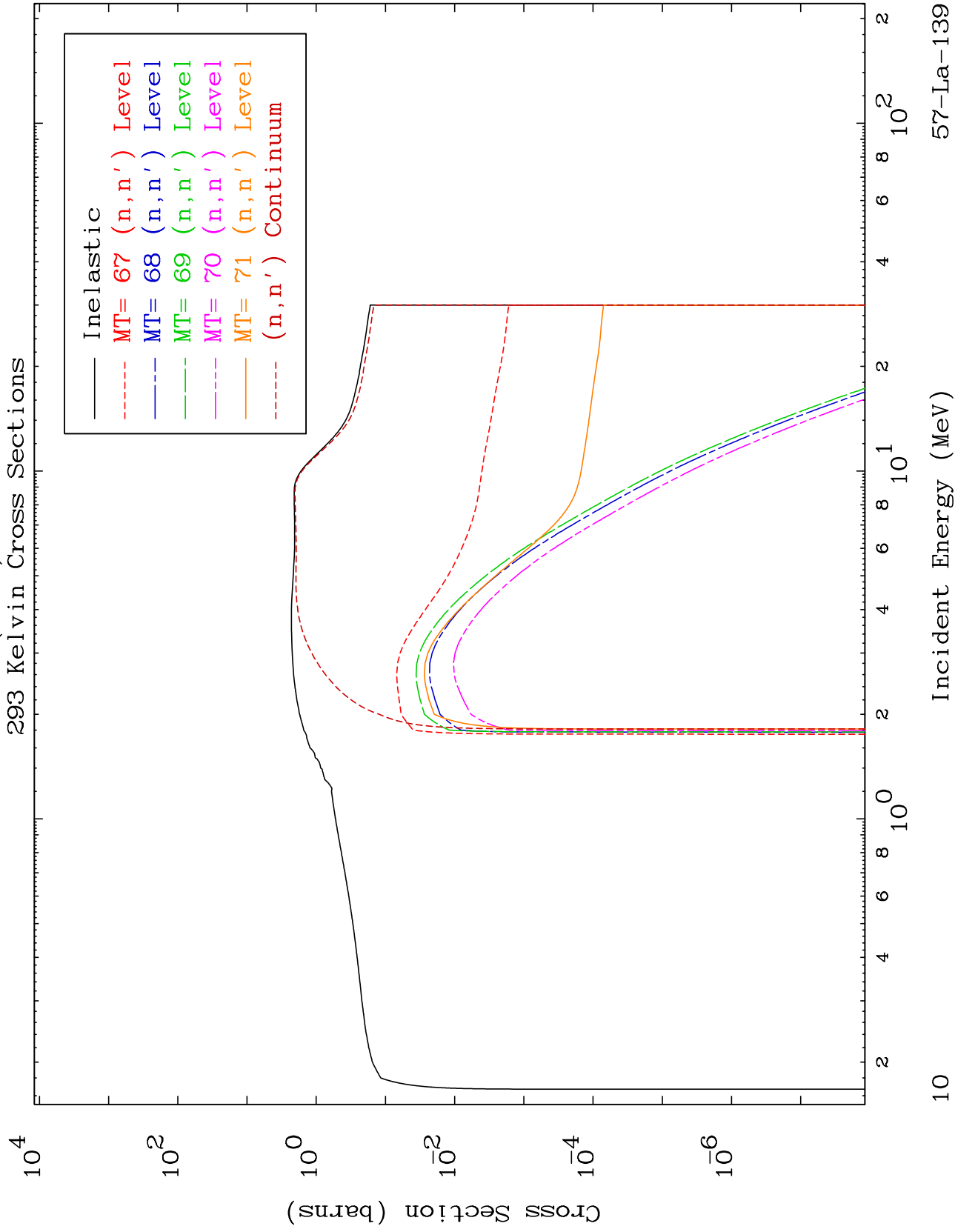


MAT 5728

(n,n') Levels

293 Kelvin Cross Sections

57-La-139



10

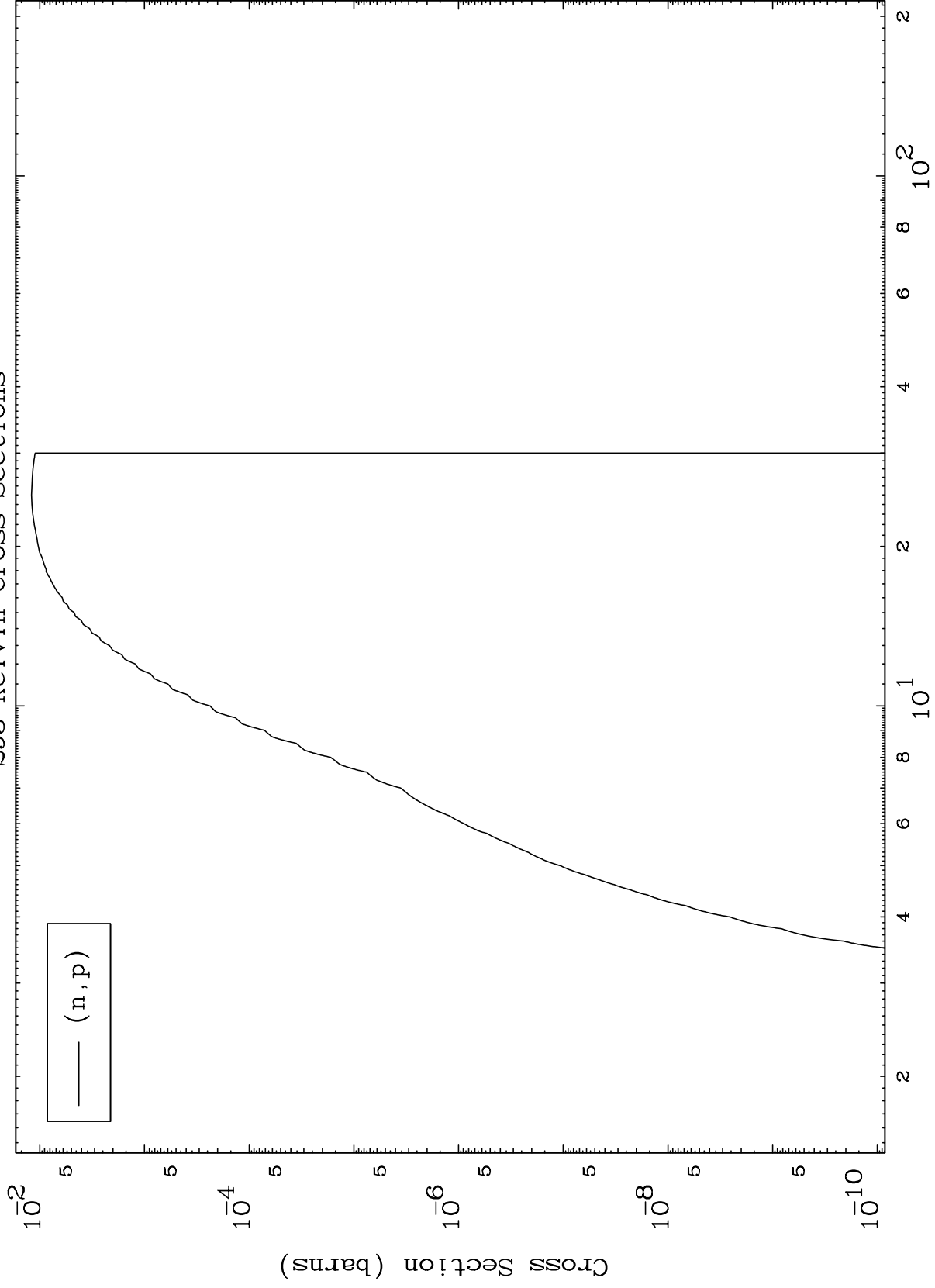
Incident Energy (MeV)

57-La-139

MAT 5728

(n,p) Levels
293 Kelvin Cross Sections

57-La-139



11

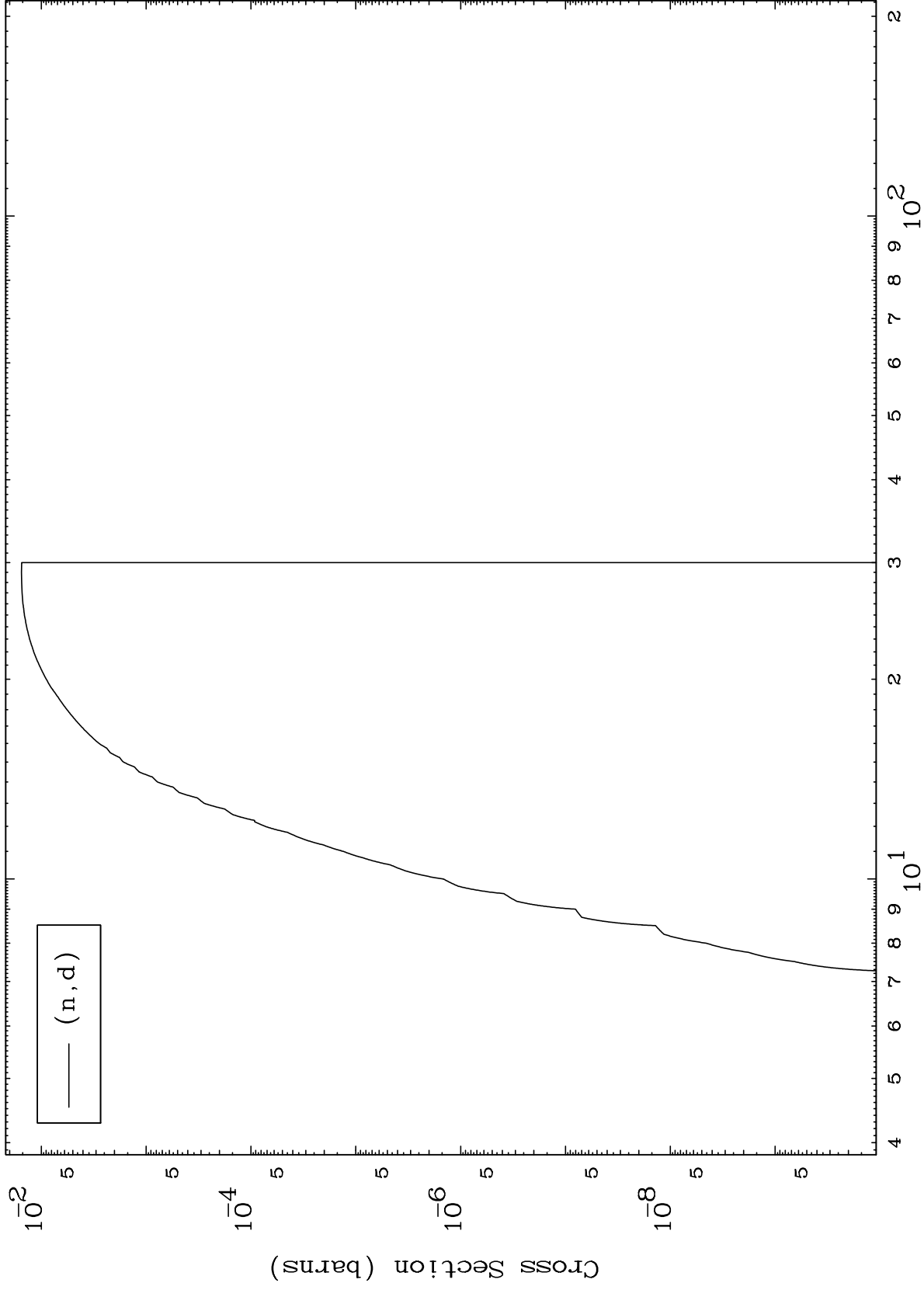
Incident Energy (MeV)

57-La-139

MAT 5728

(n,d) Levels
293 Kelvin Cross Sections

57-La-139



12

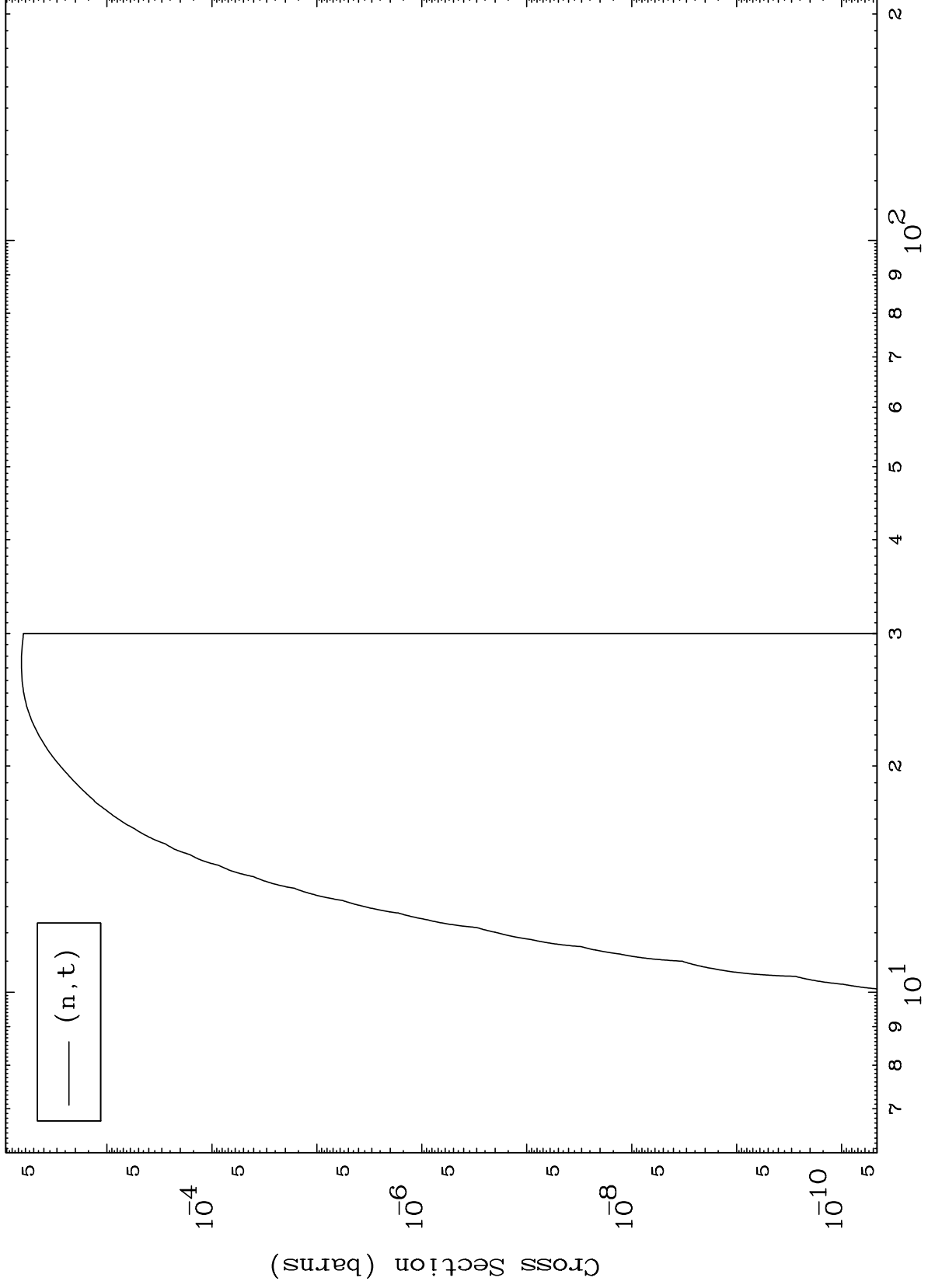
Incident Energy (MeV)

57-La-139

MAT 5728

(n,t) Levels
293 Kelvin Cross Sections

57-La-139



13

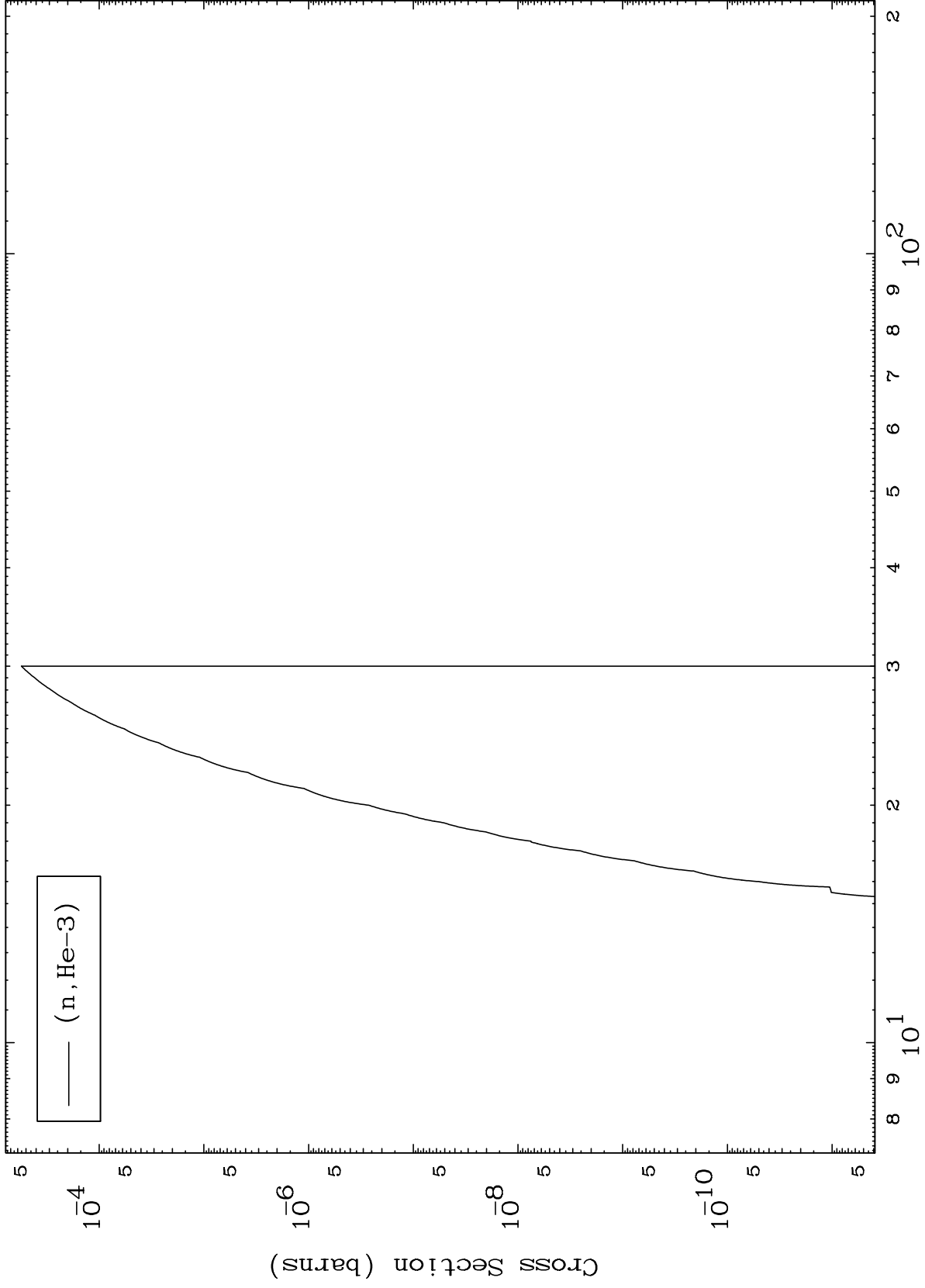
Incident Energy (MeV)

57-La-139

MAT 5728

(n,He3) Levels
293 Kelvin Cross Sections

57-La-139



14

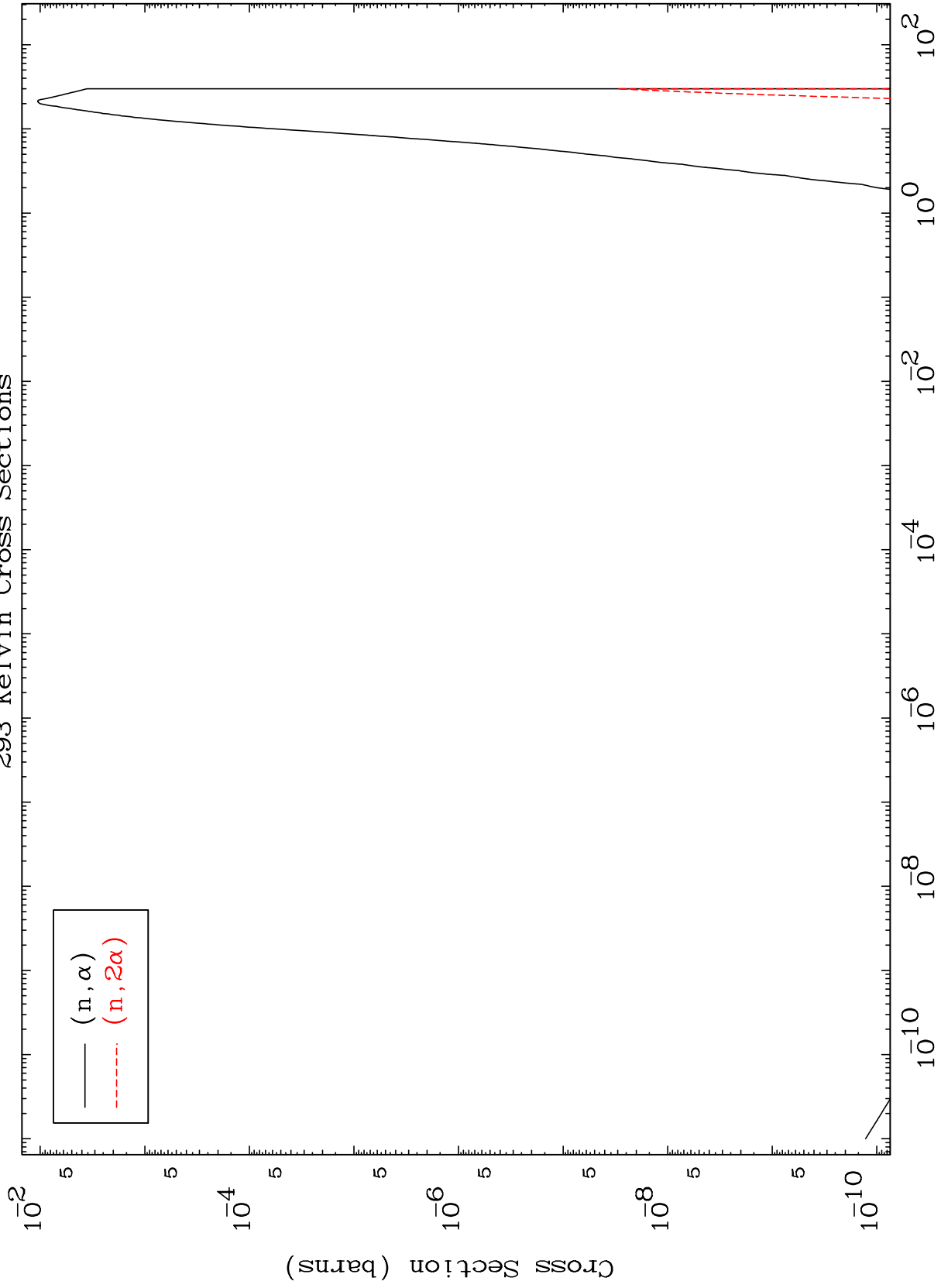
Incident Energy (MeV)

57-La-139

MAT 5728

(n, α) Levels
293 Kelvin Cross Sections

57-La-139



15

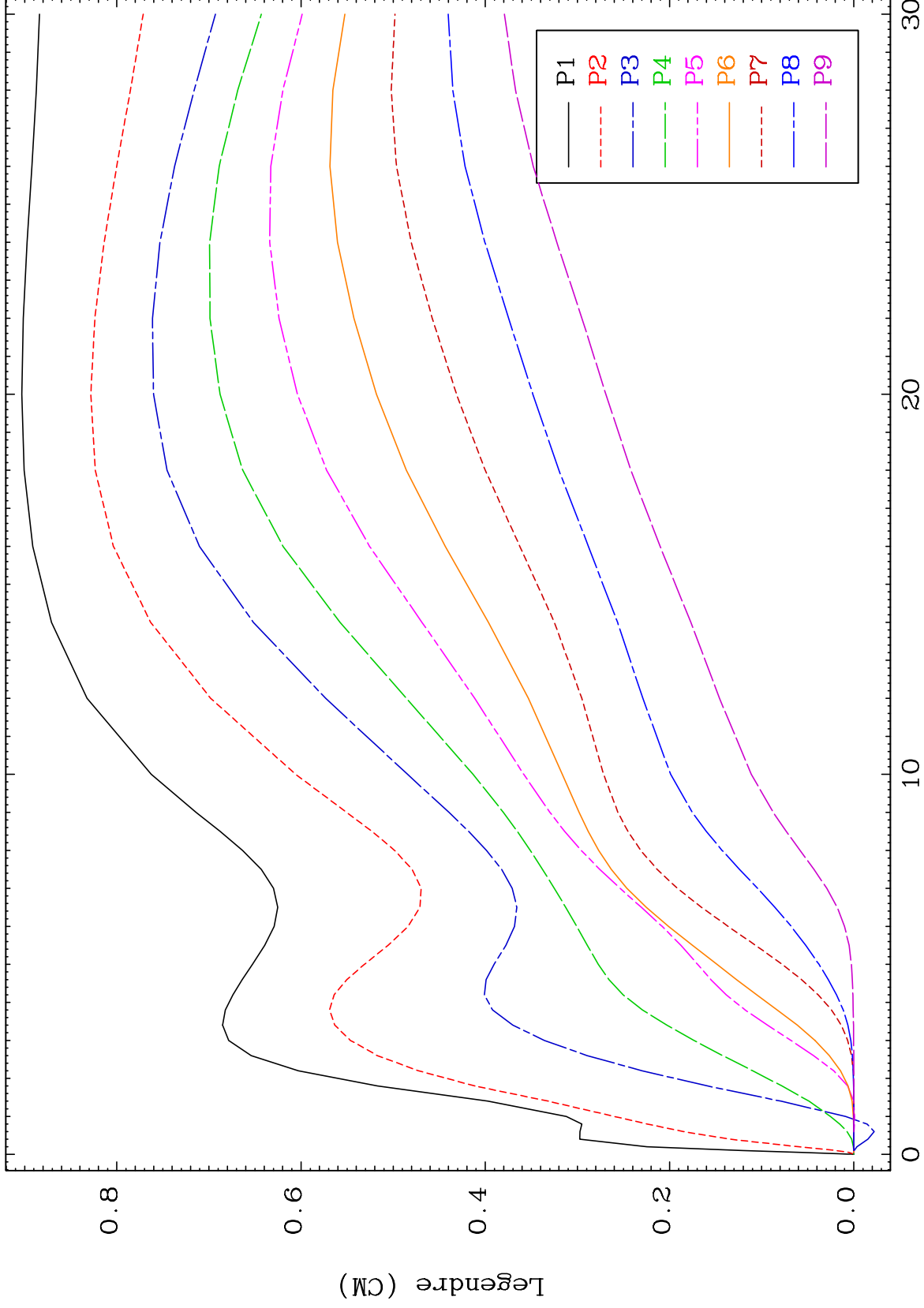
Incident Energy (MeV)

57-La-139

MAT 5728

57-La-139

Elastic Legendre Coefficients



57-La-139

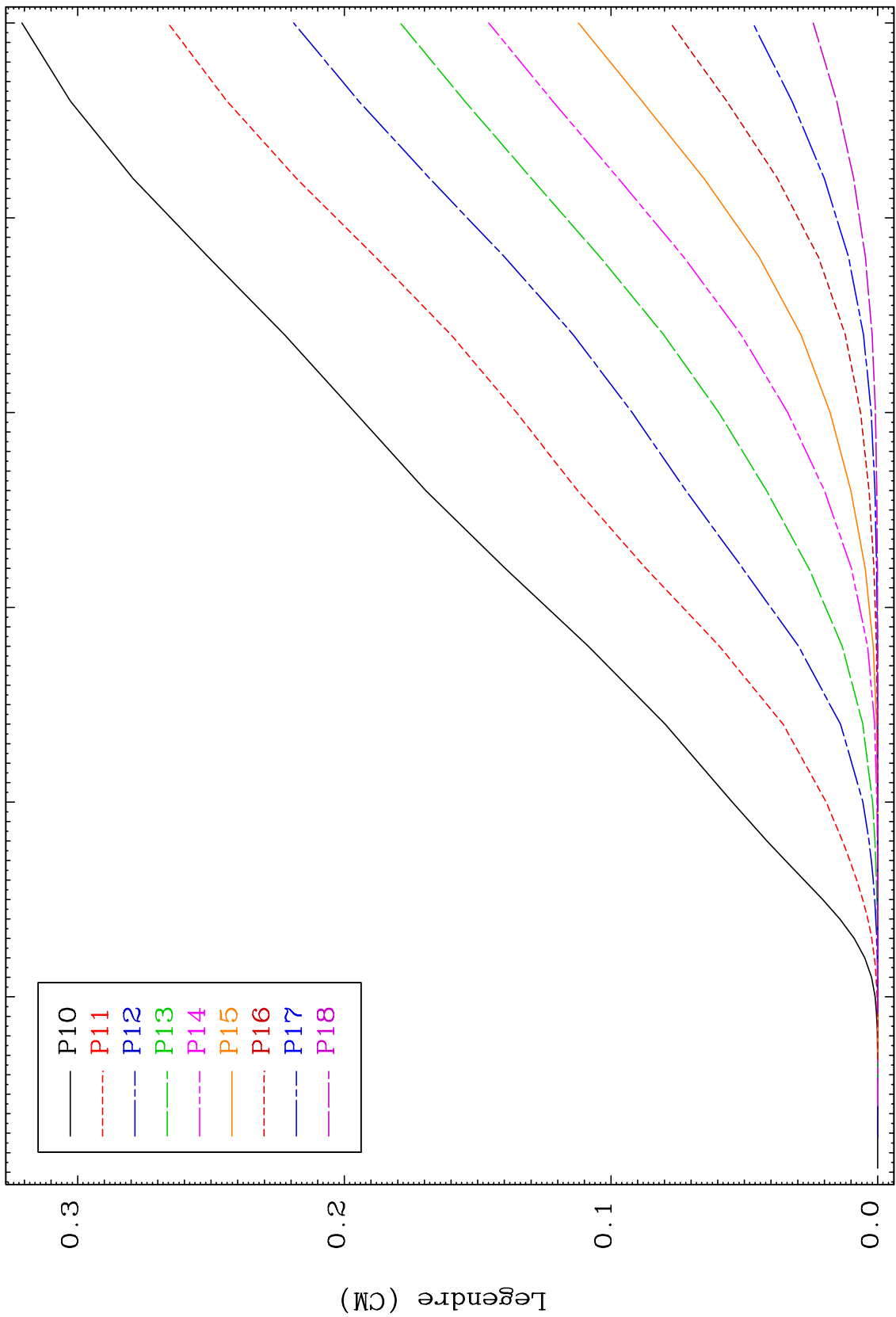
Incident Energy (MeV)

16

MAT 5728

Elastic Legendre Coefficients

57-La-139



17

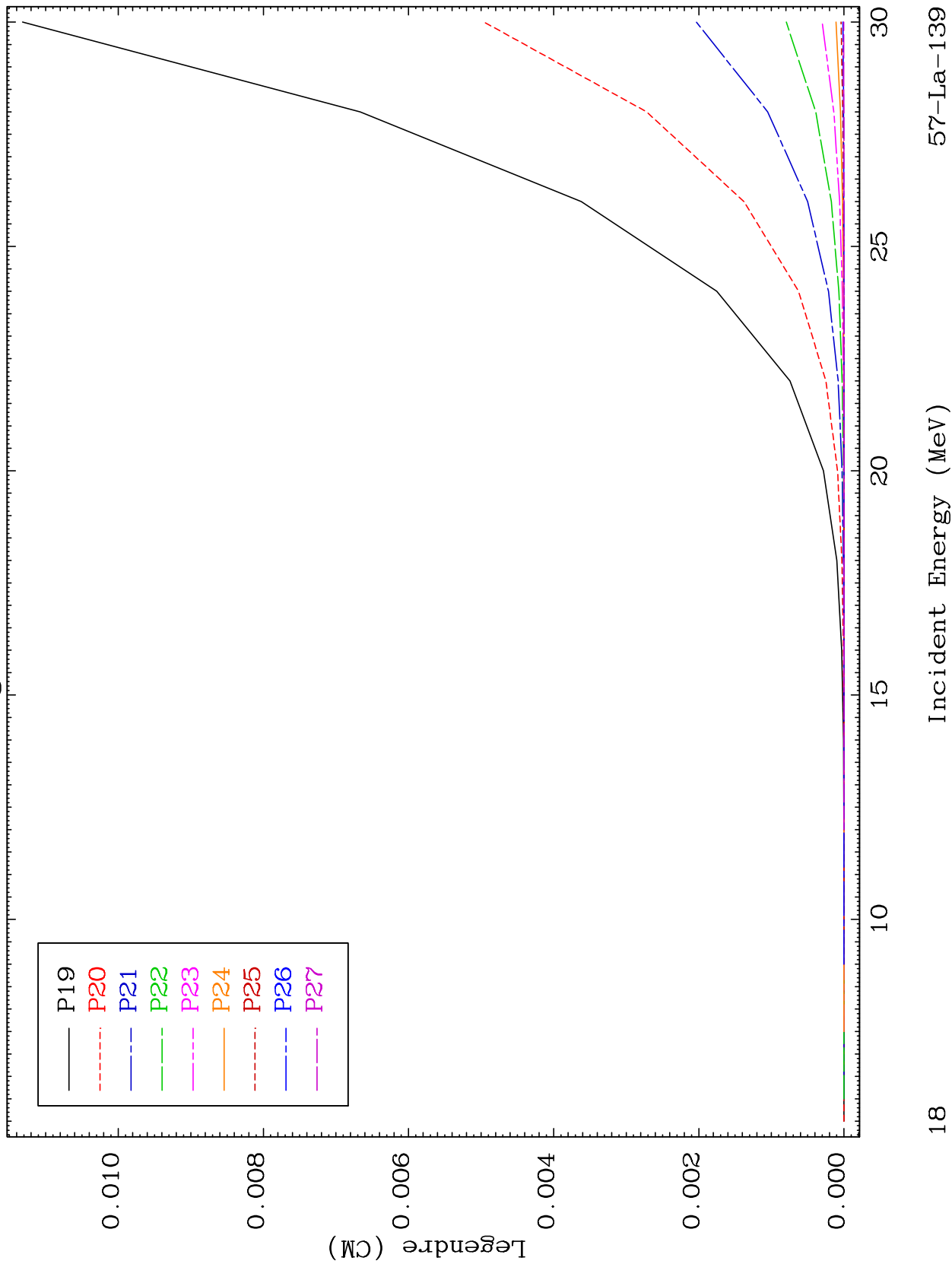
57-La-139

Incident Energy (MeV)

MAT 5728

Elastic Legendre Coefficients

57-La-139



18

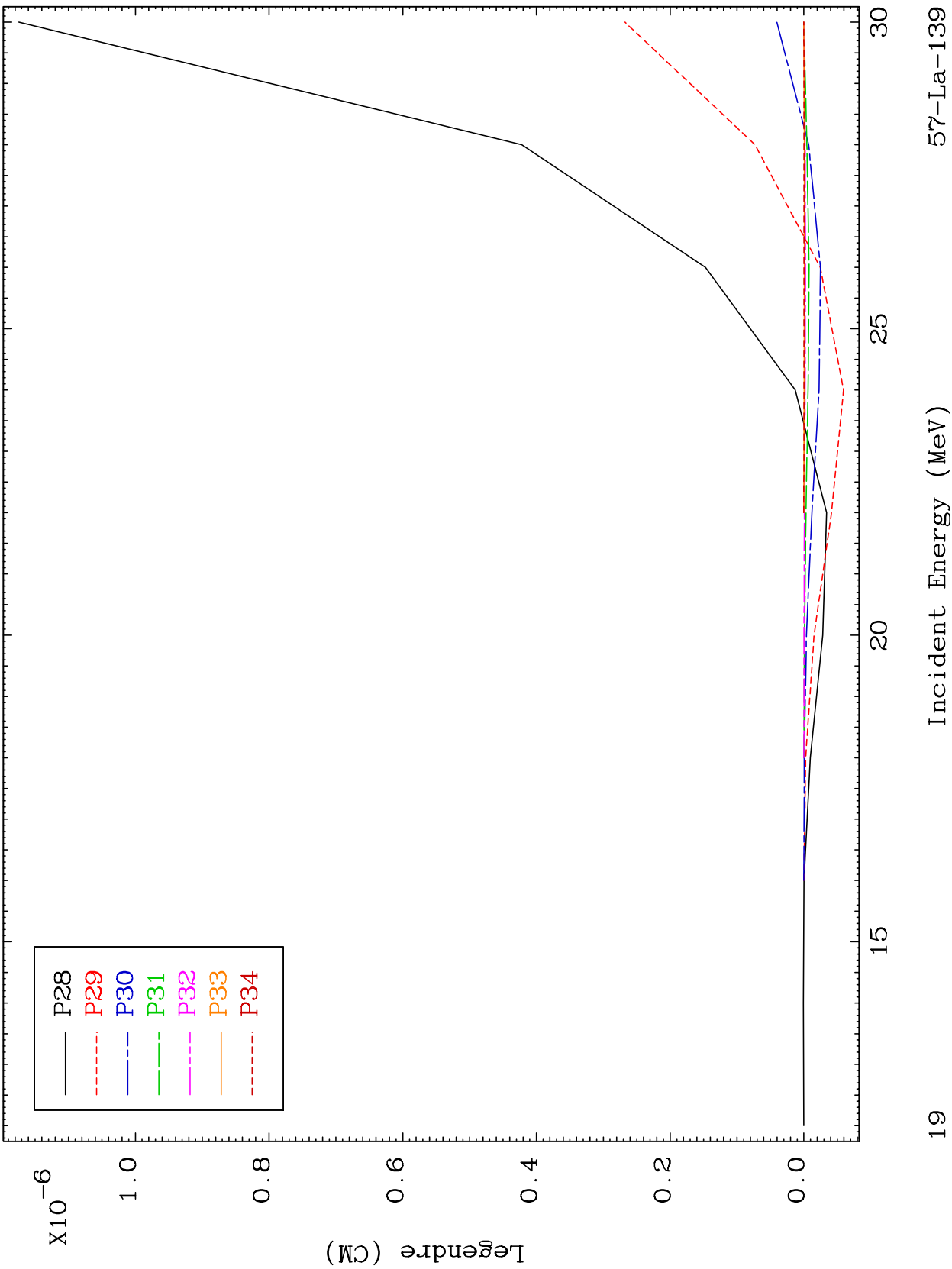
Incident Energy (MeV)

57-La-139

MAT 5728

Elastic Legendre Coefficients

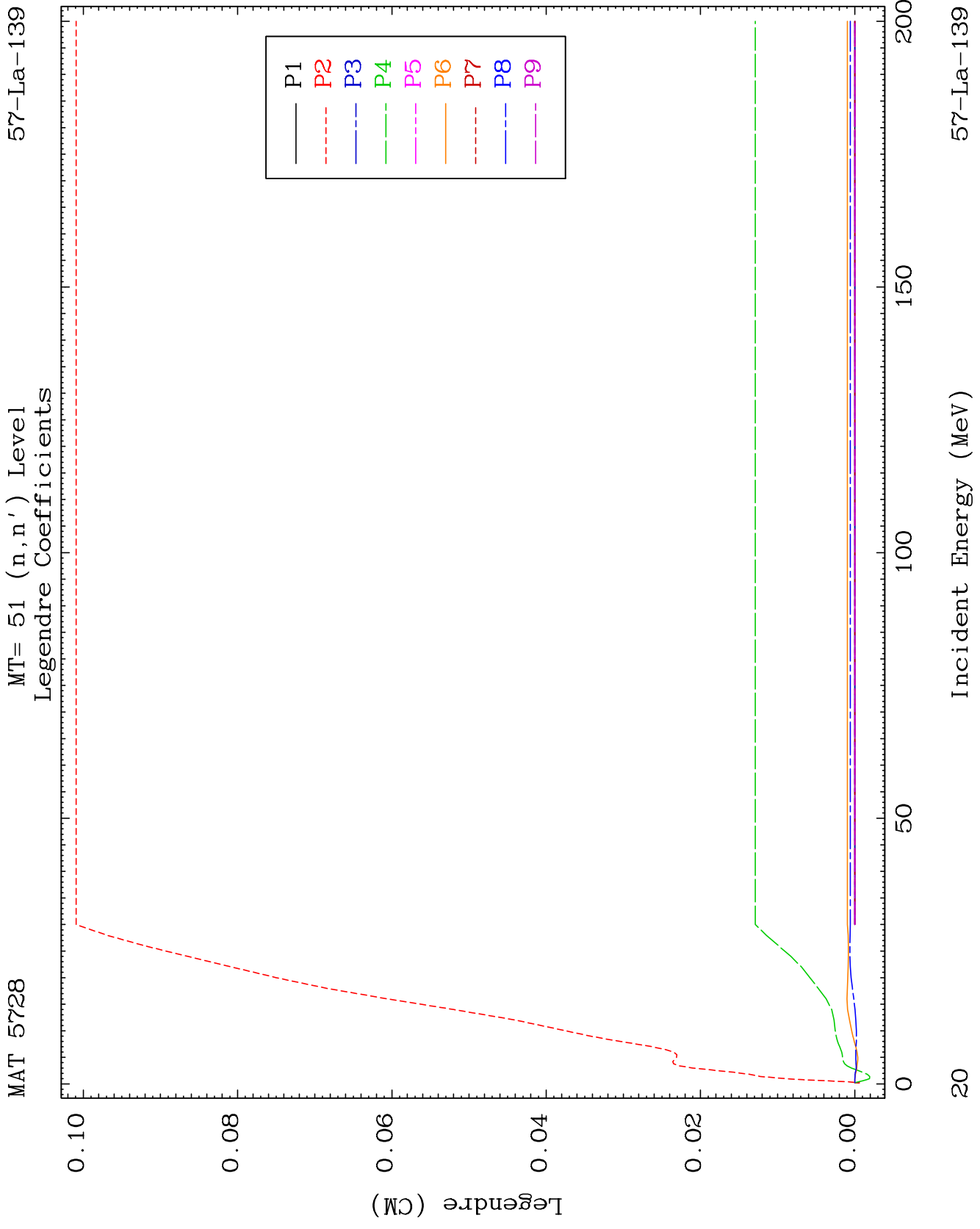
57-La-139



19

Incident Energy (MeV)

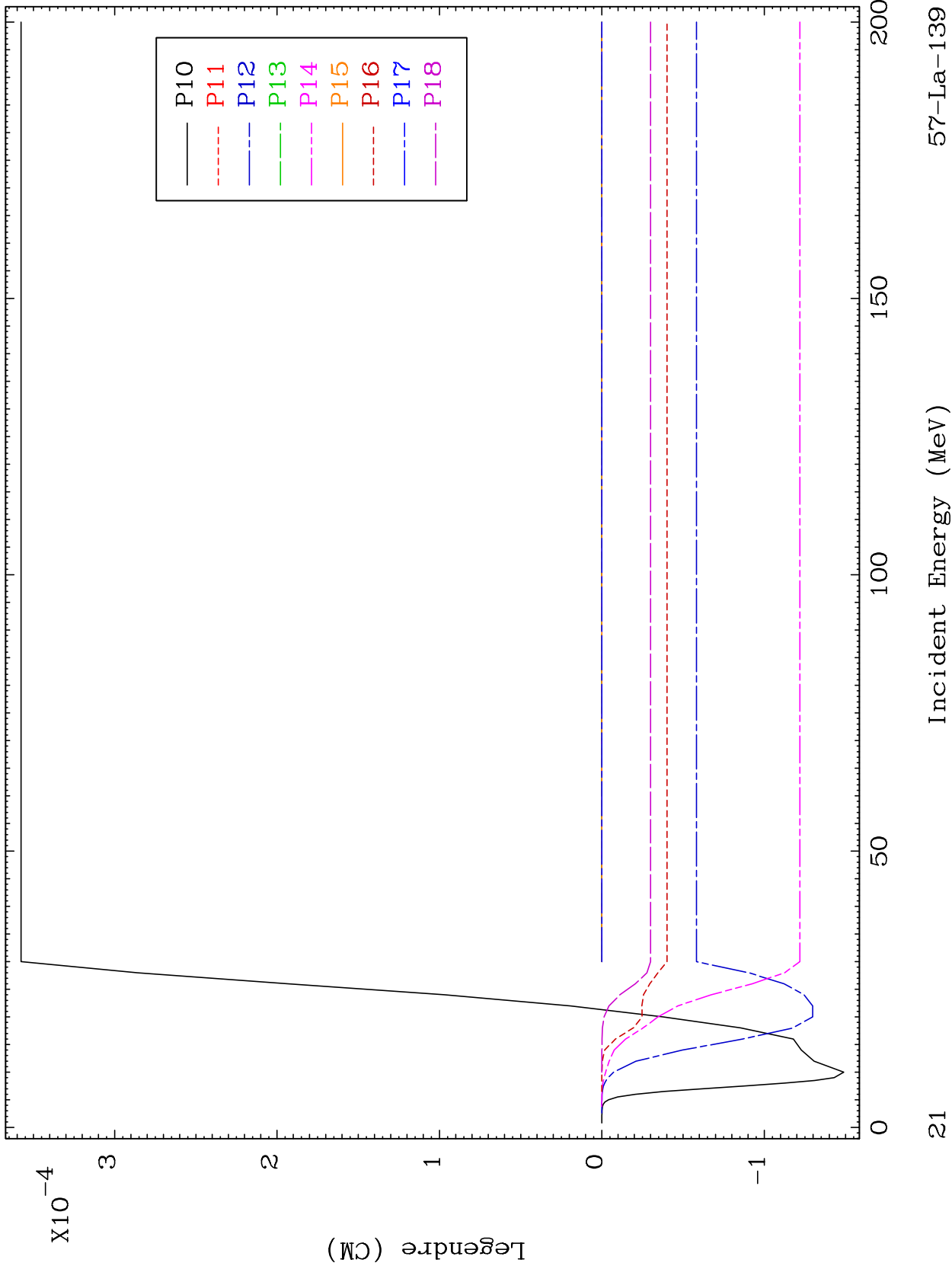
57-La-139



MAT 5728

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

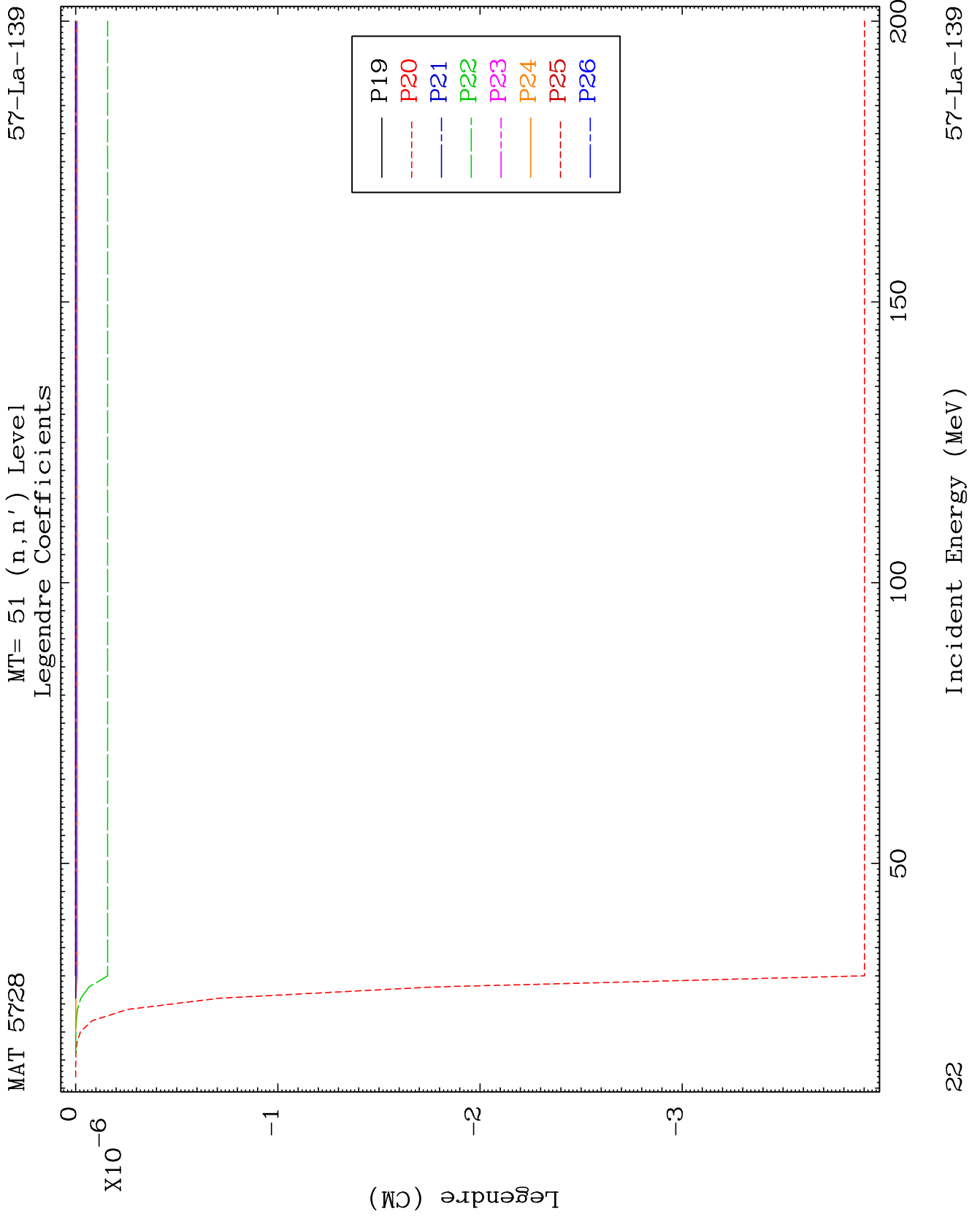
57-La-139



21

Incident Energy (MeV)

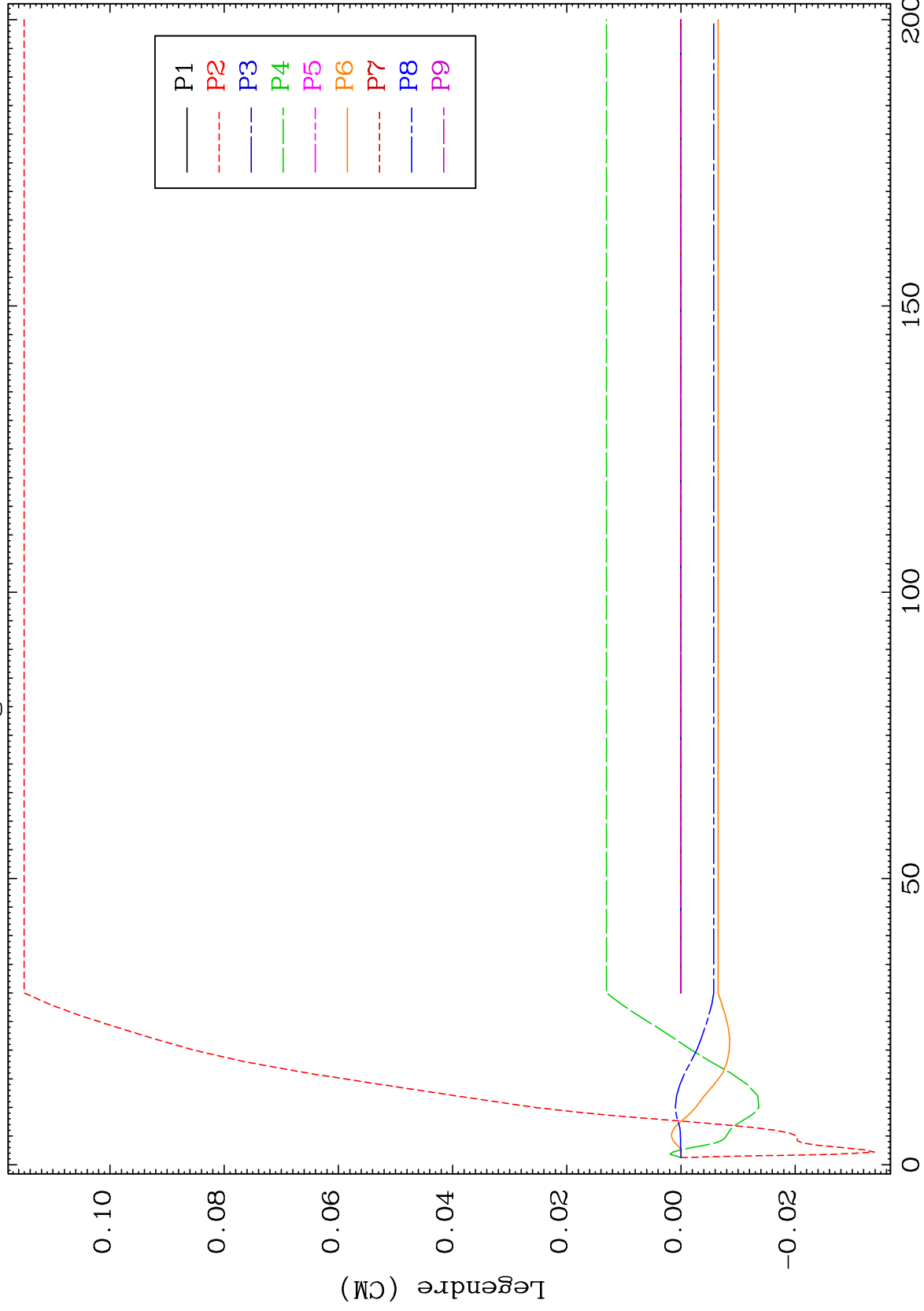
57-La-139



MAT 5728

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

57-La-139



23

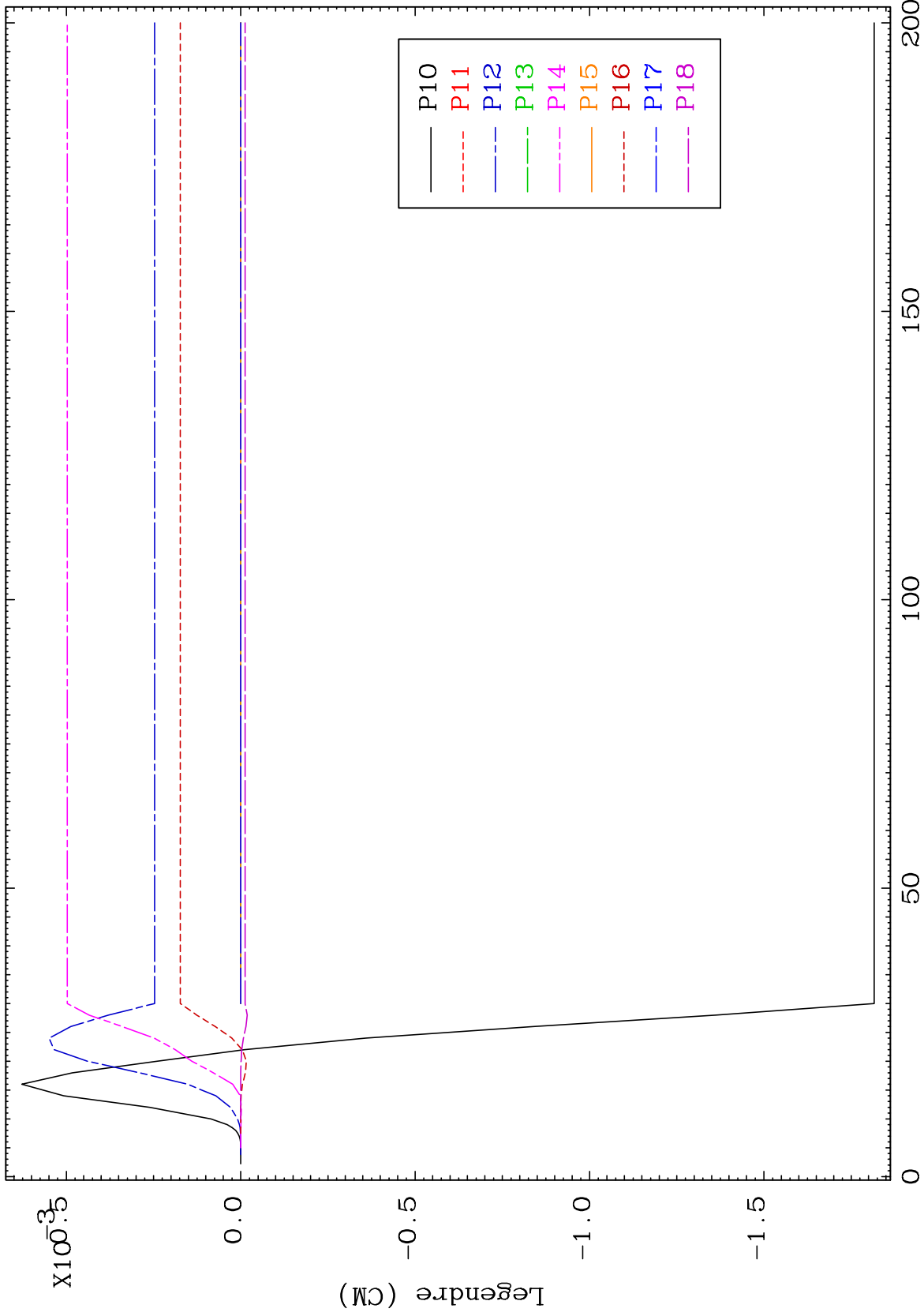
Incident Energy (MeV)

57-La-139

MAT 5728

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

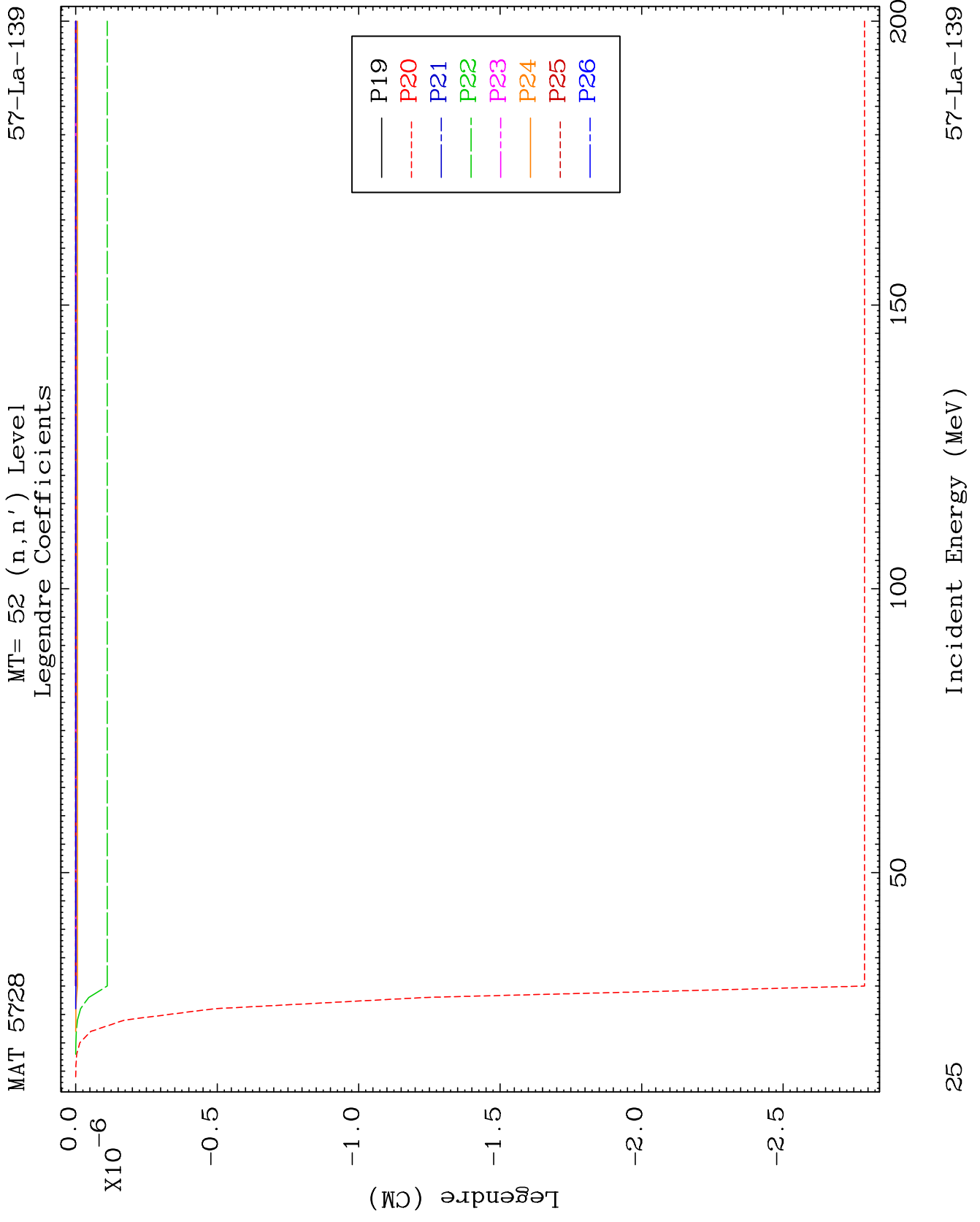
57-La-139



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Incident Energy (MeV)

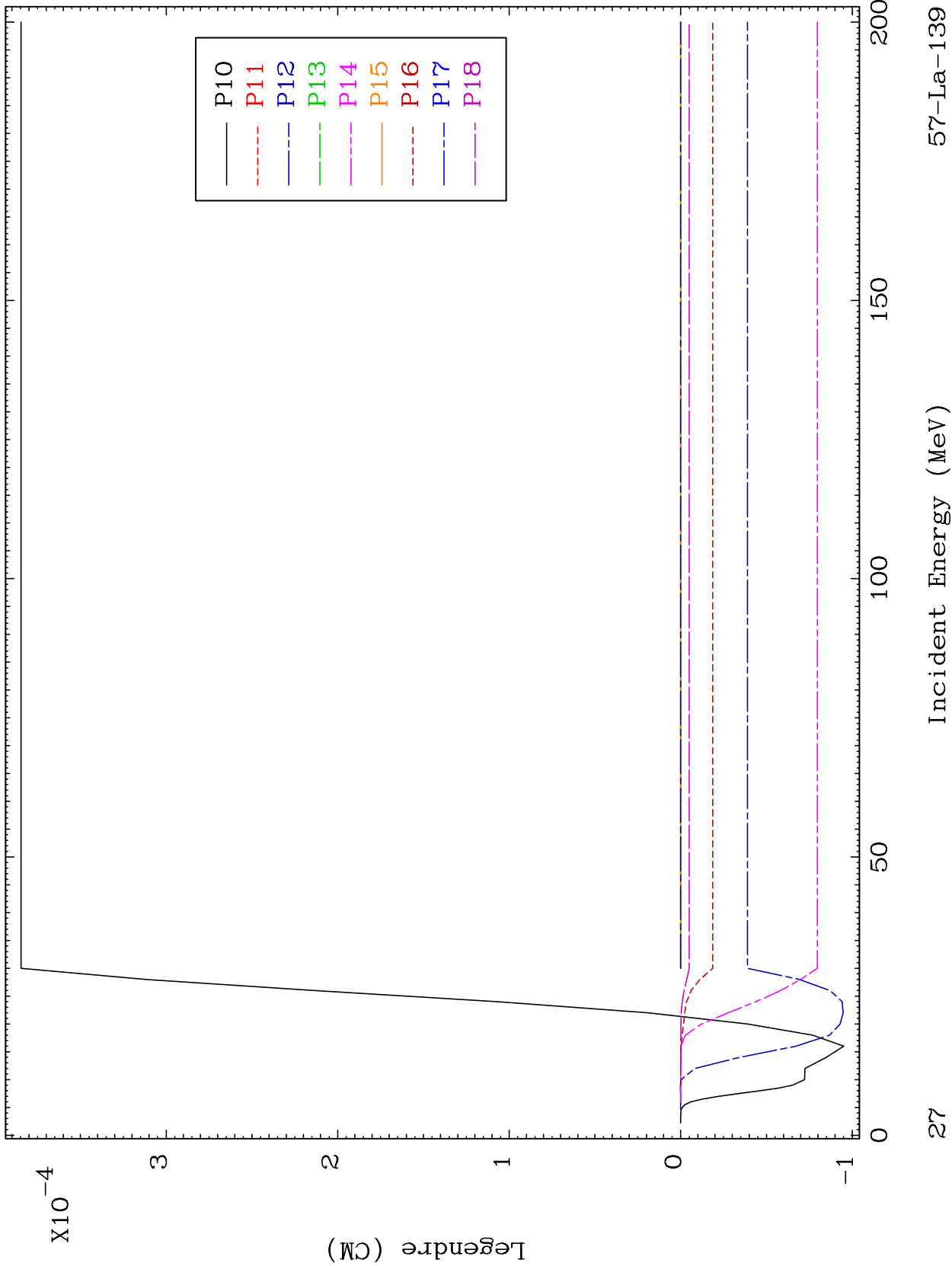
57-La-139



MAT 5728

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

57-La-139



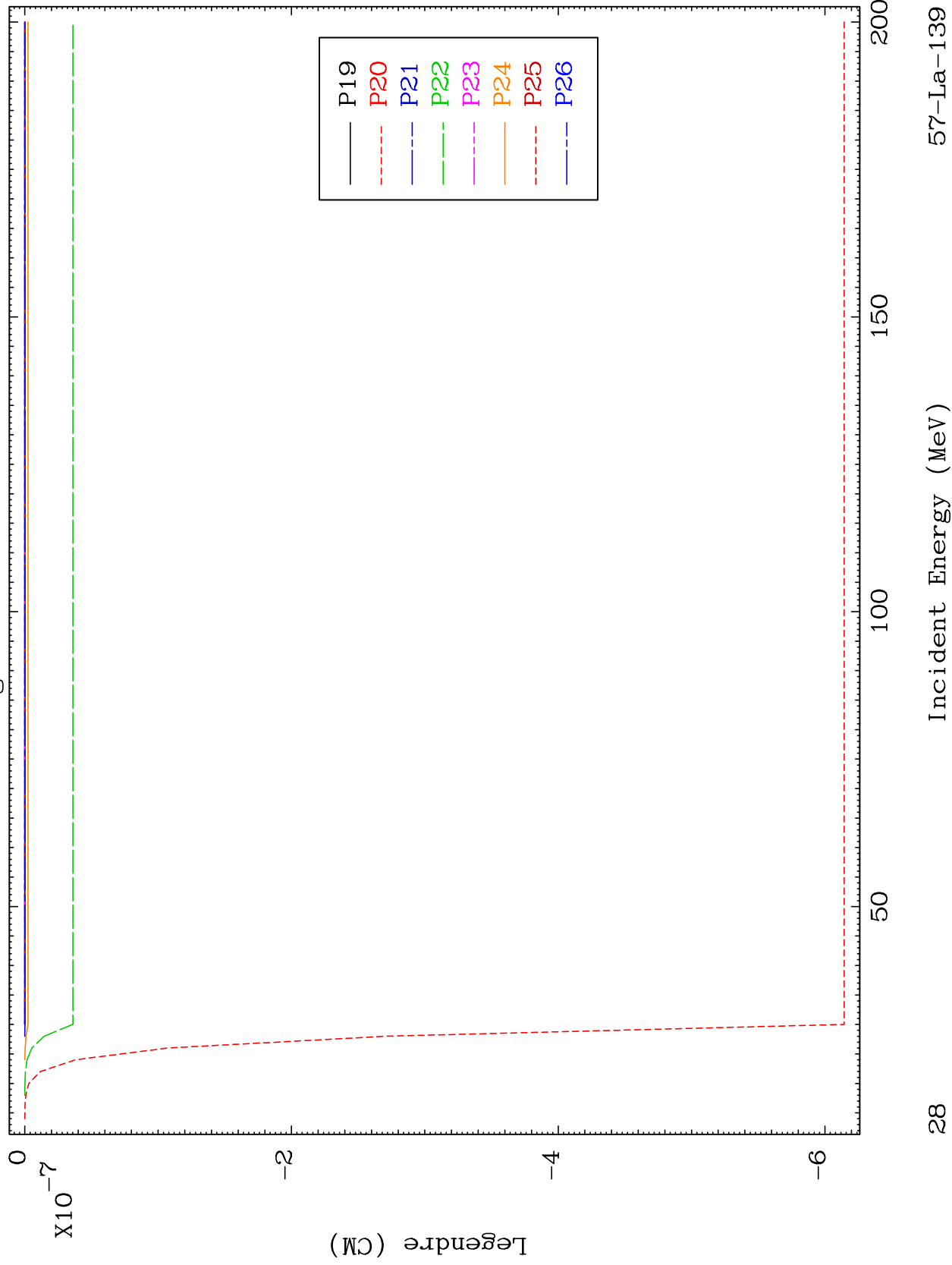
27

57-La-139

MAT 5728

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

57-La-139



57-La-139

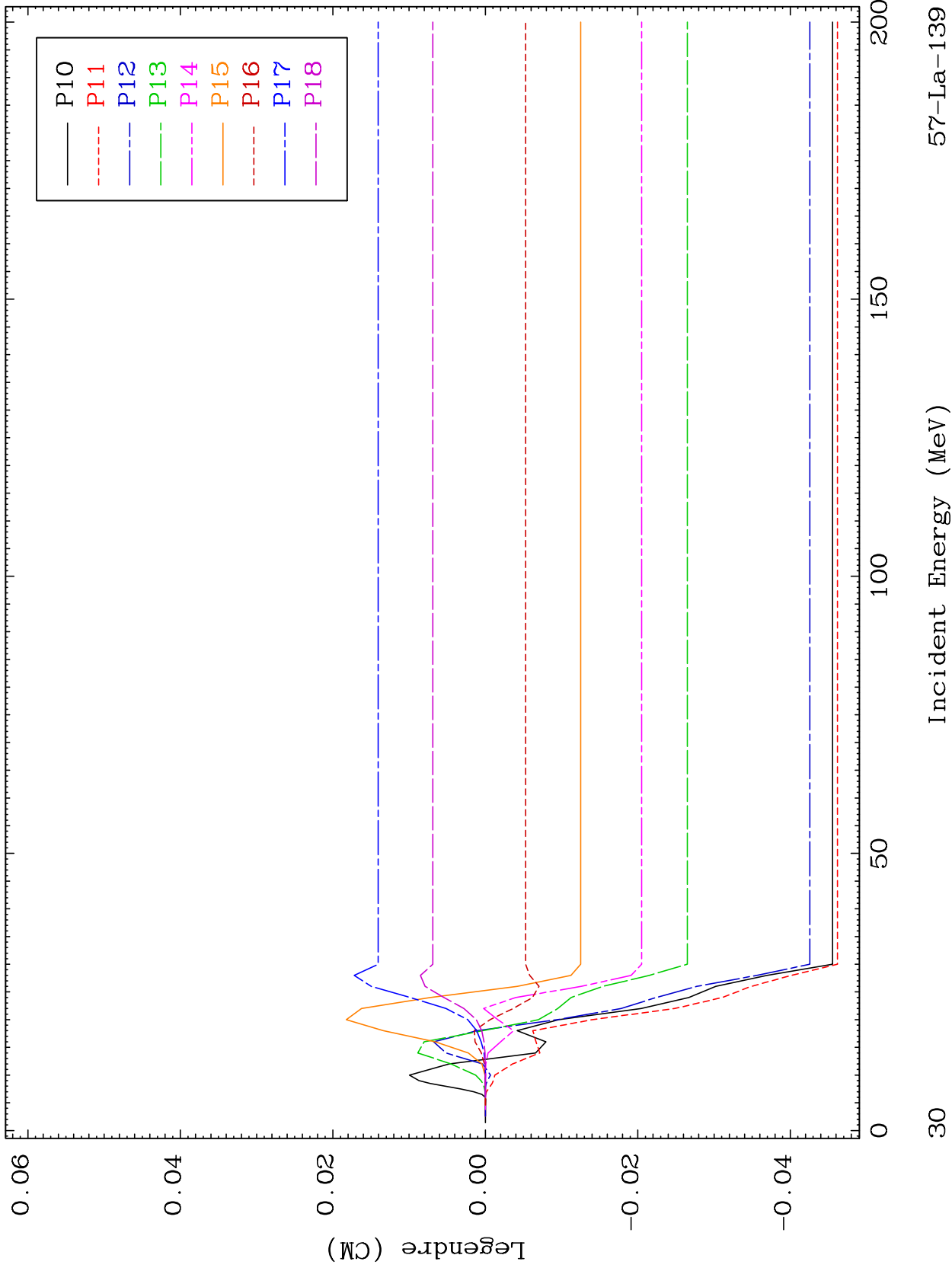
Incident Energy (MeV)

28

MAT 5728

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

57-La-139



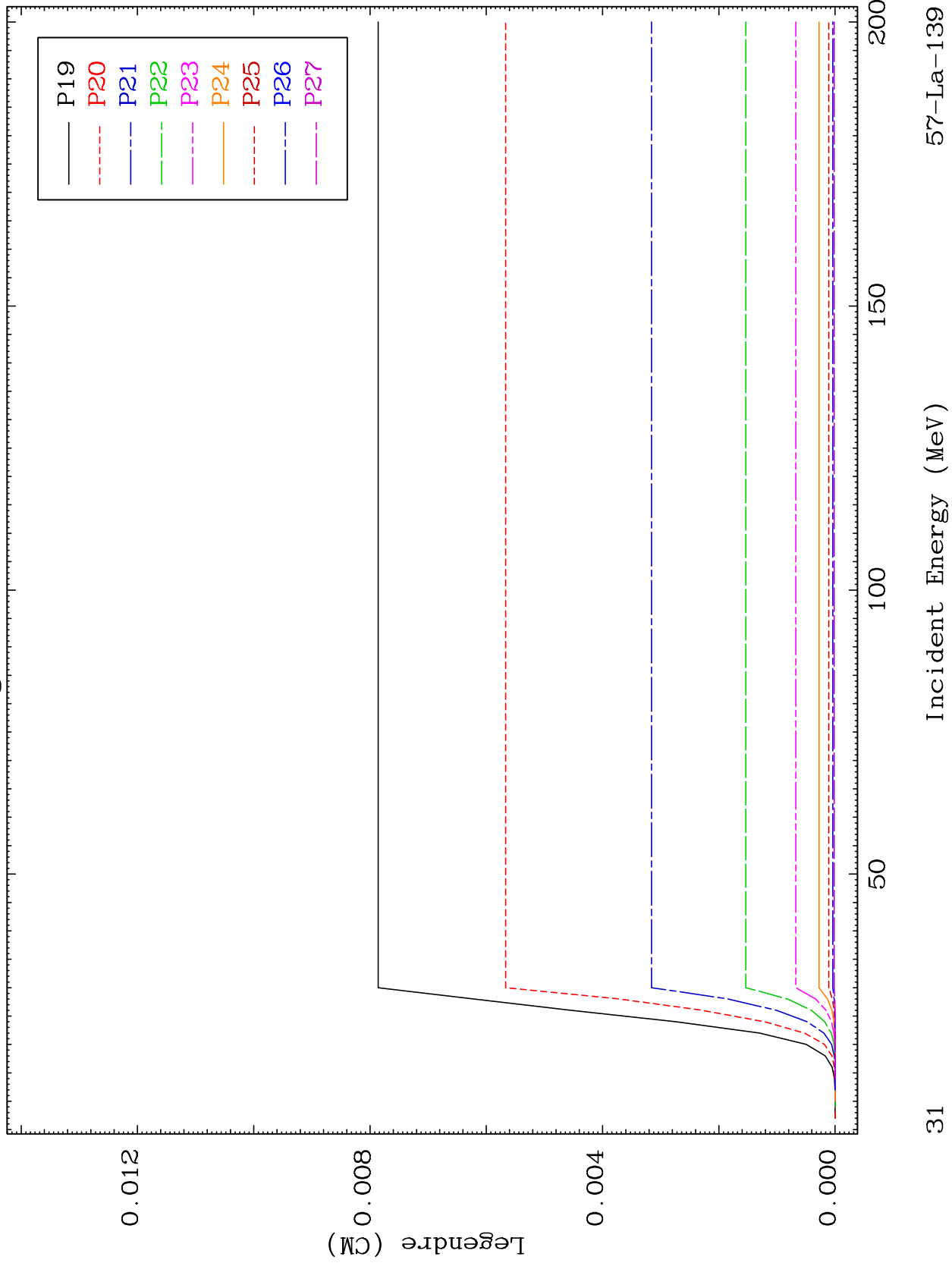
57-La-139

Incident Energy (MeV)

MAT 5728

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

57-La-139



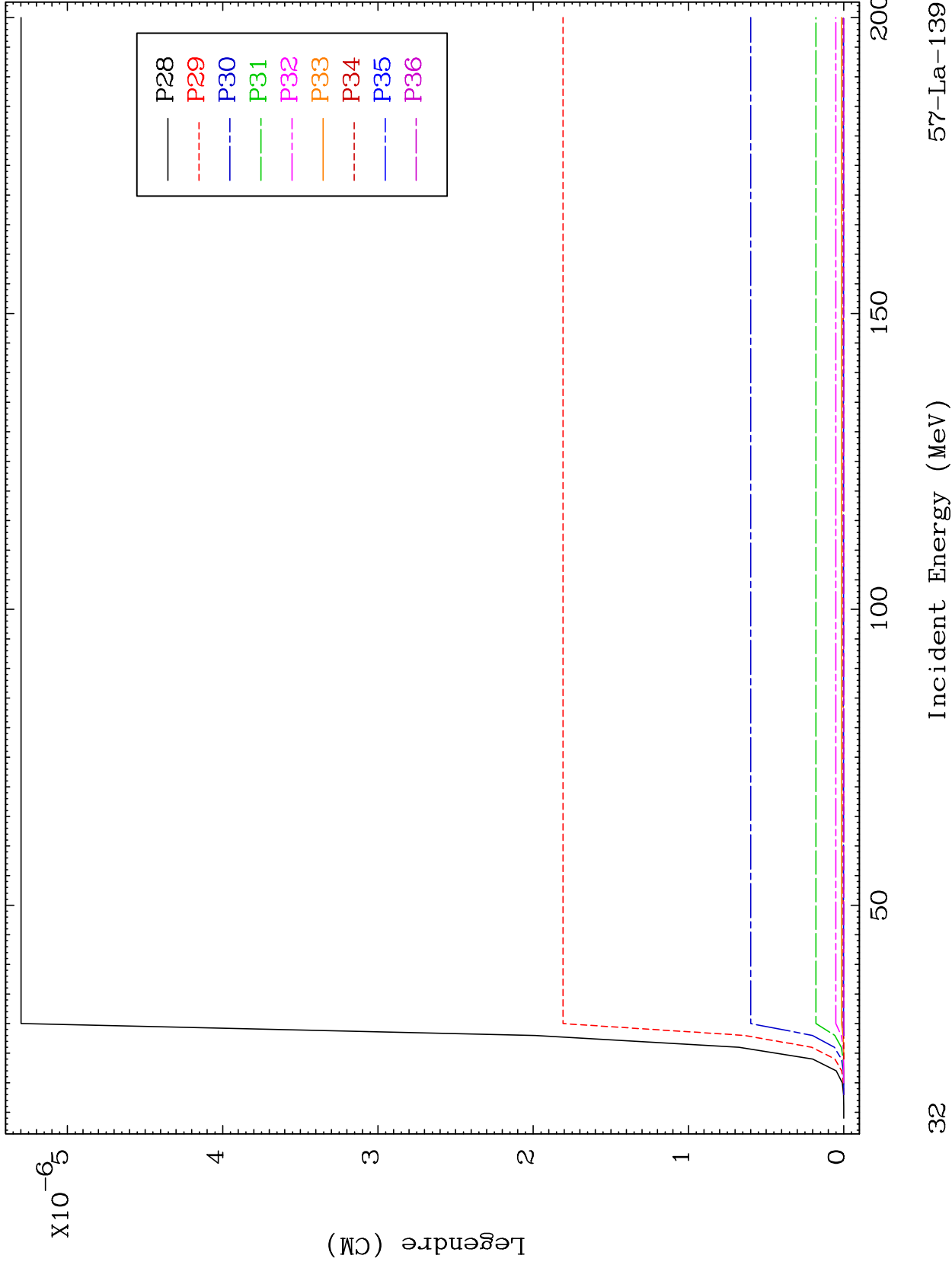
31

57-La-139

MAT 5728

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

57-La-139



32

Incident Energy (MeV)

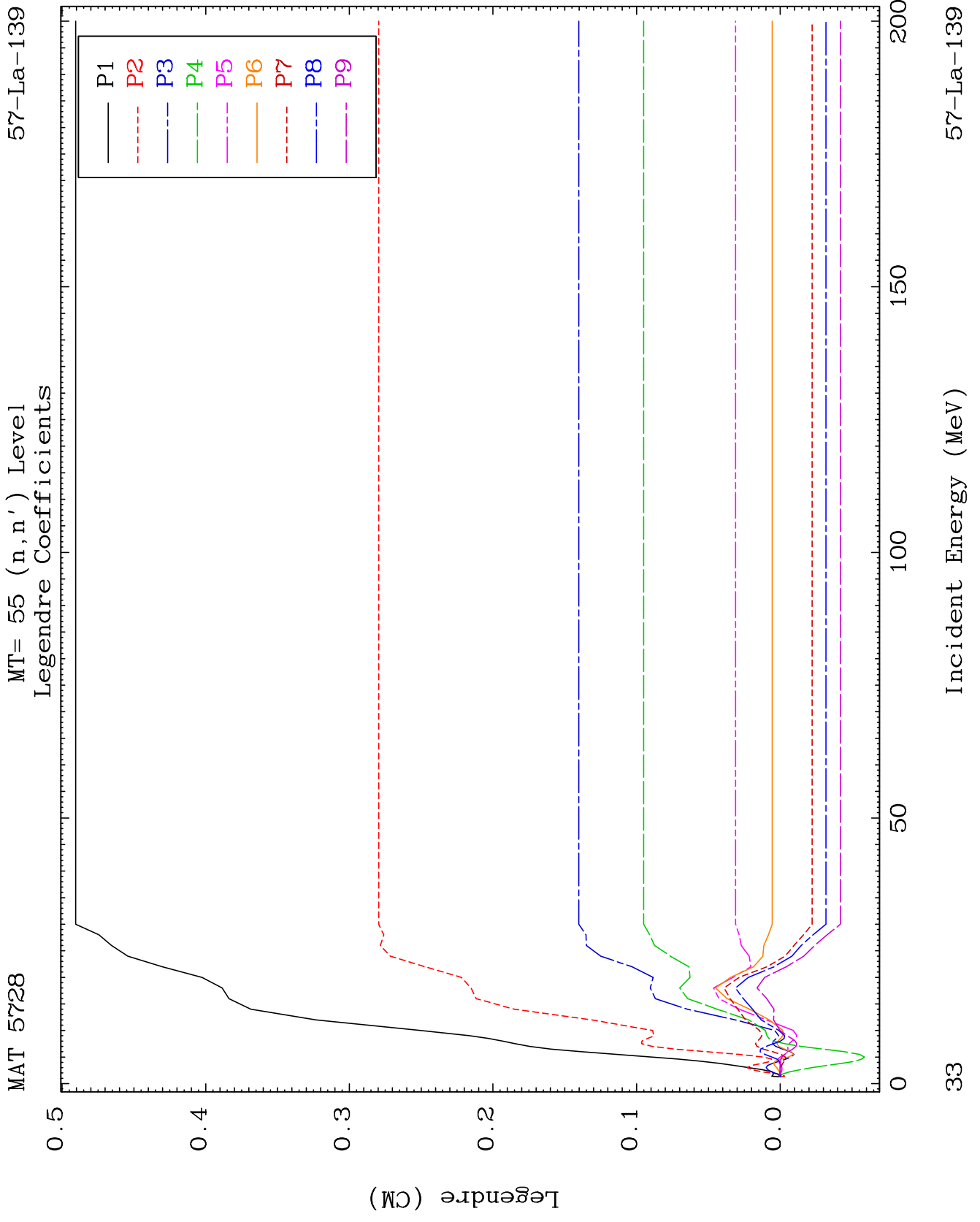
57-La-139

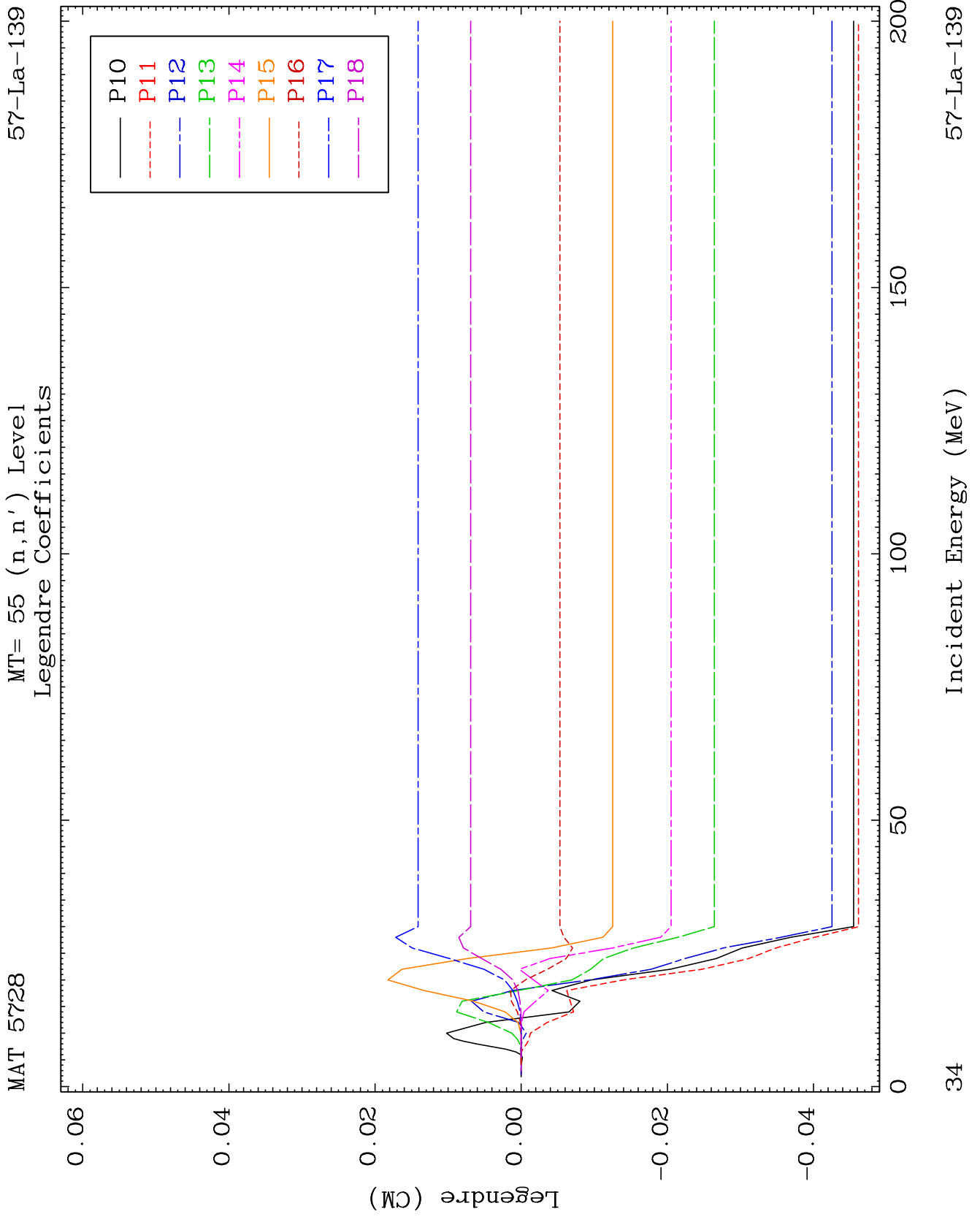
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50

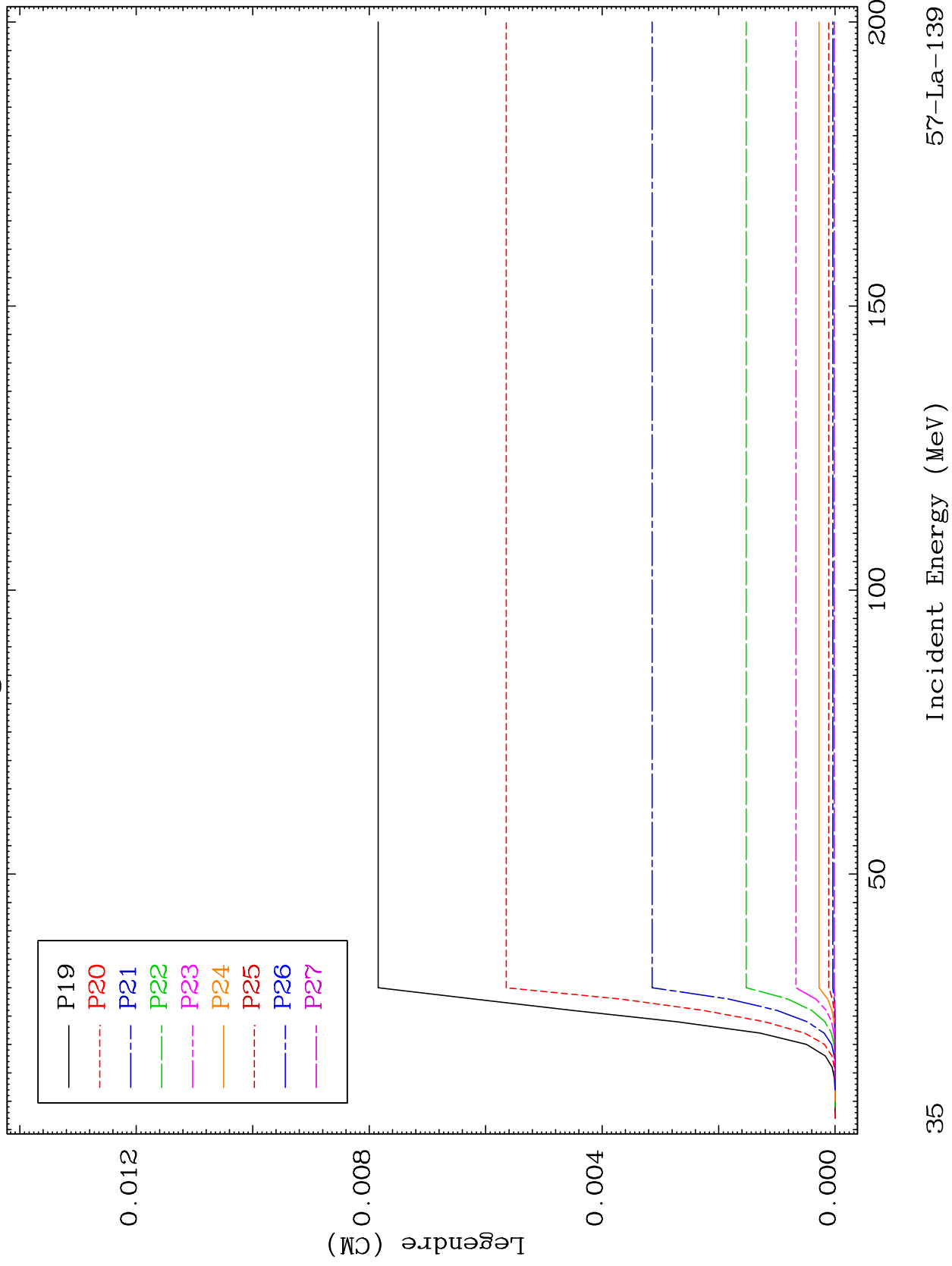




MAT 5728

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

57-La-139



35

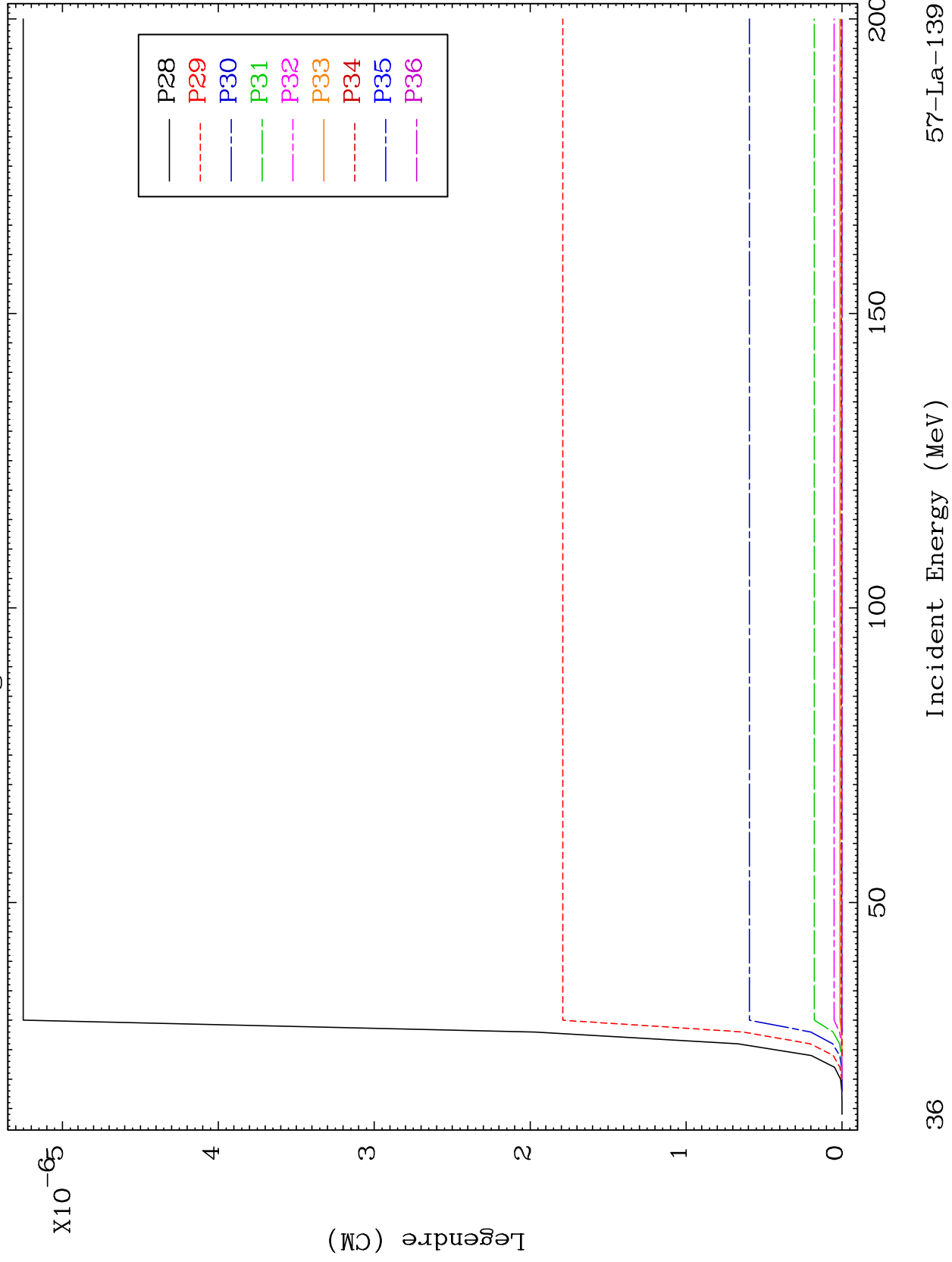
Incident Energy (MeV)

57-La-139

MAT 5728

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

57-La-139



36

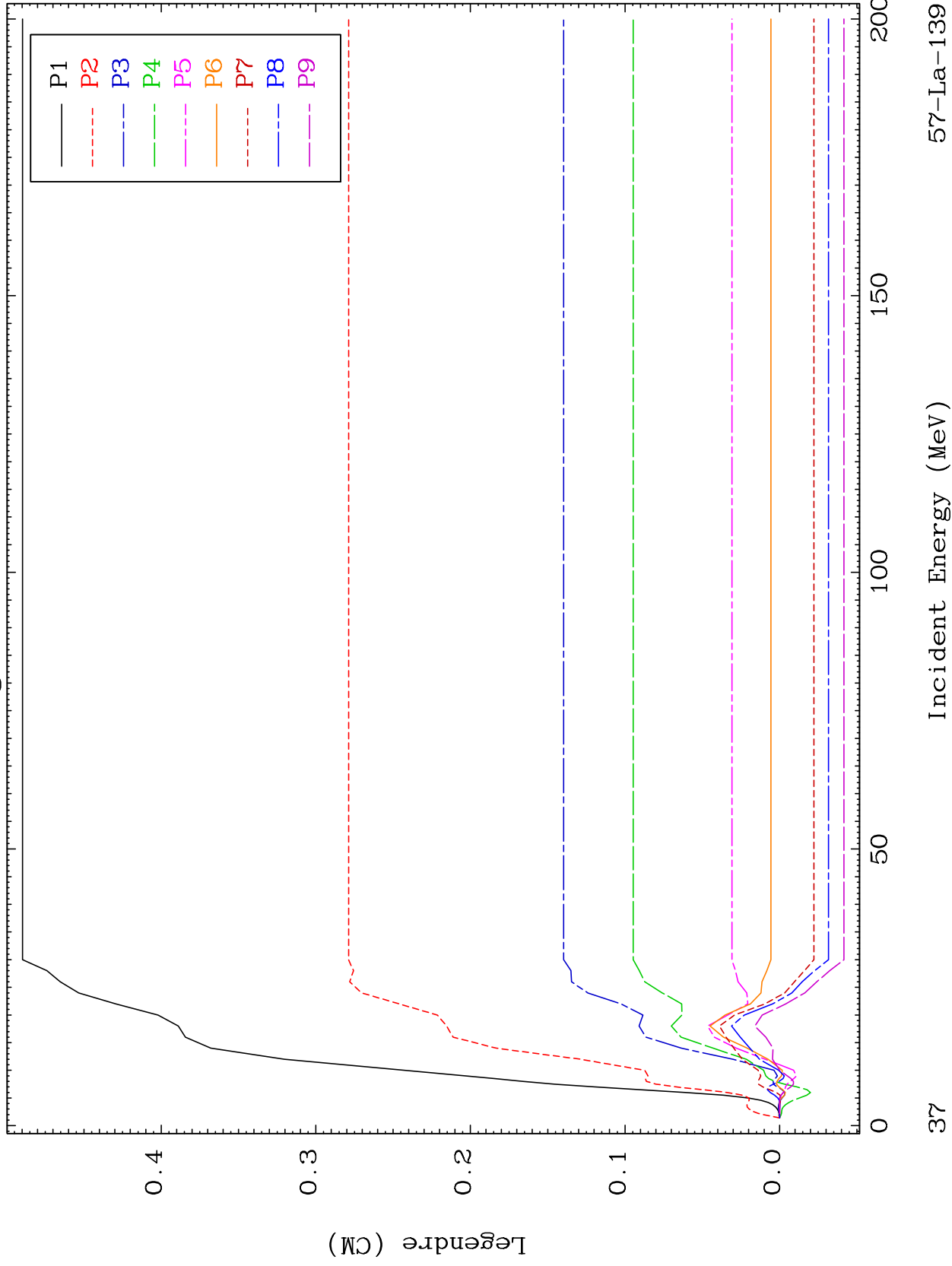
Incident Energy (MeV)

57-La-139

MAT 5728

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

57-La-139



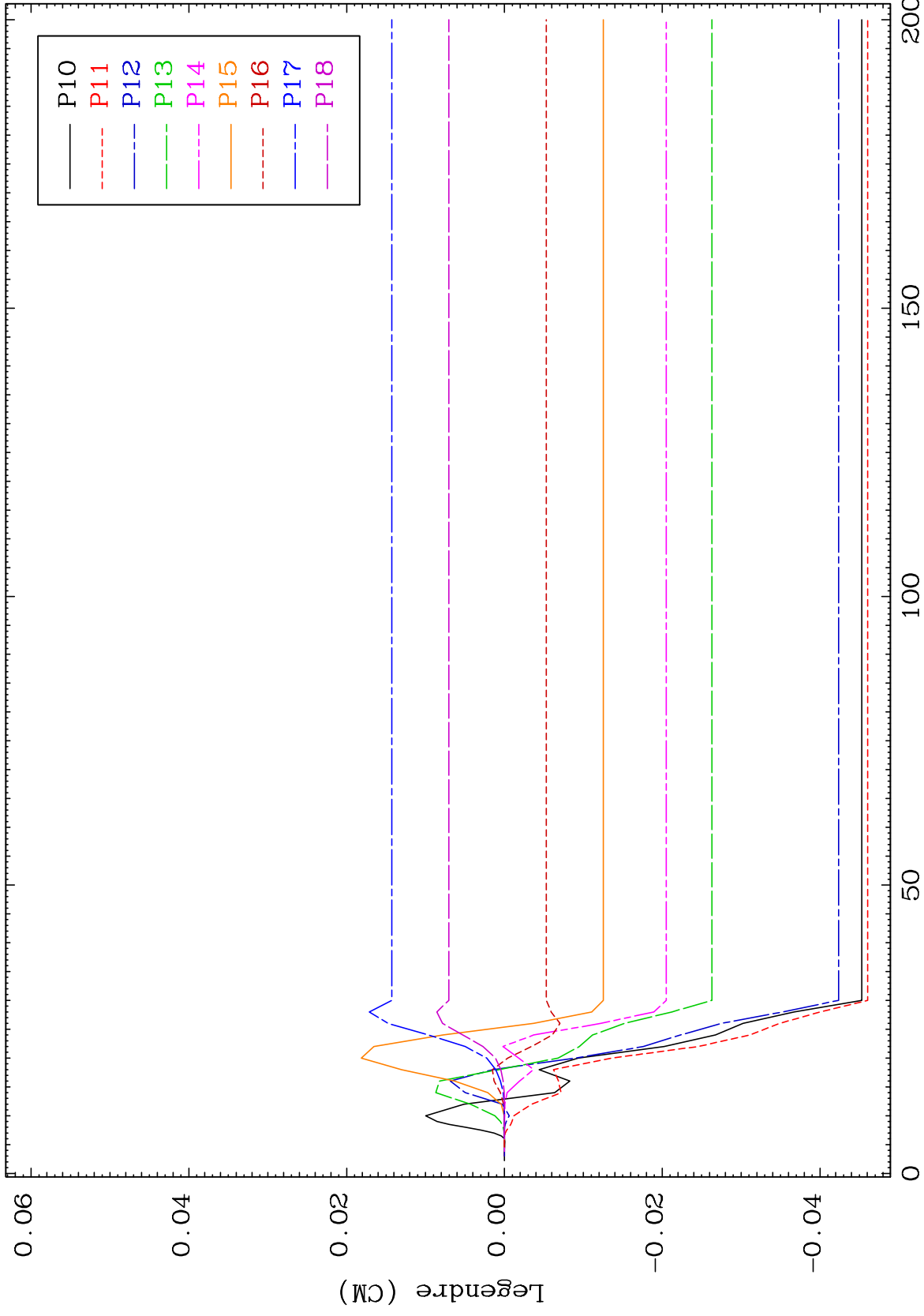
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57-La-139

MAT 5728

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

57-La-139



38

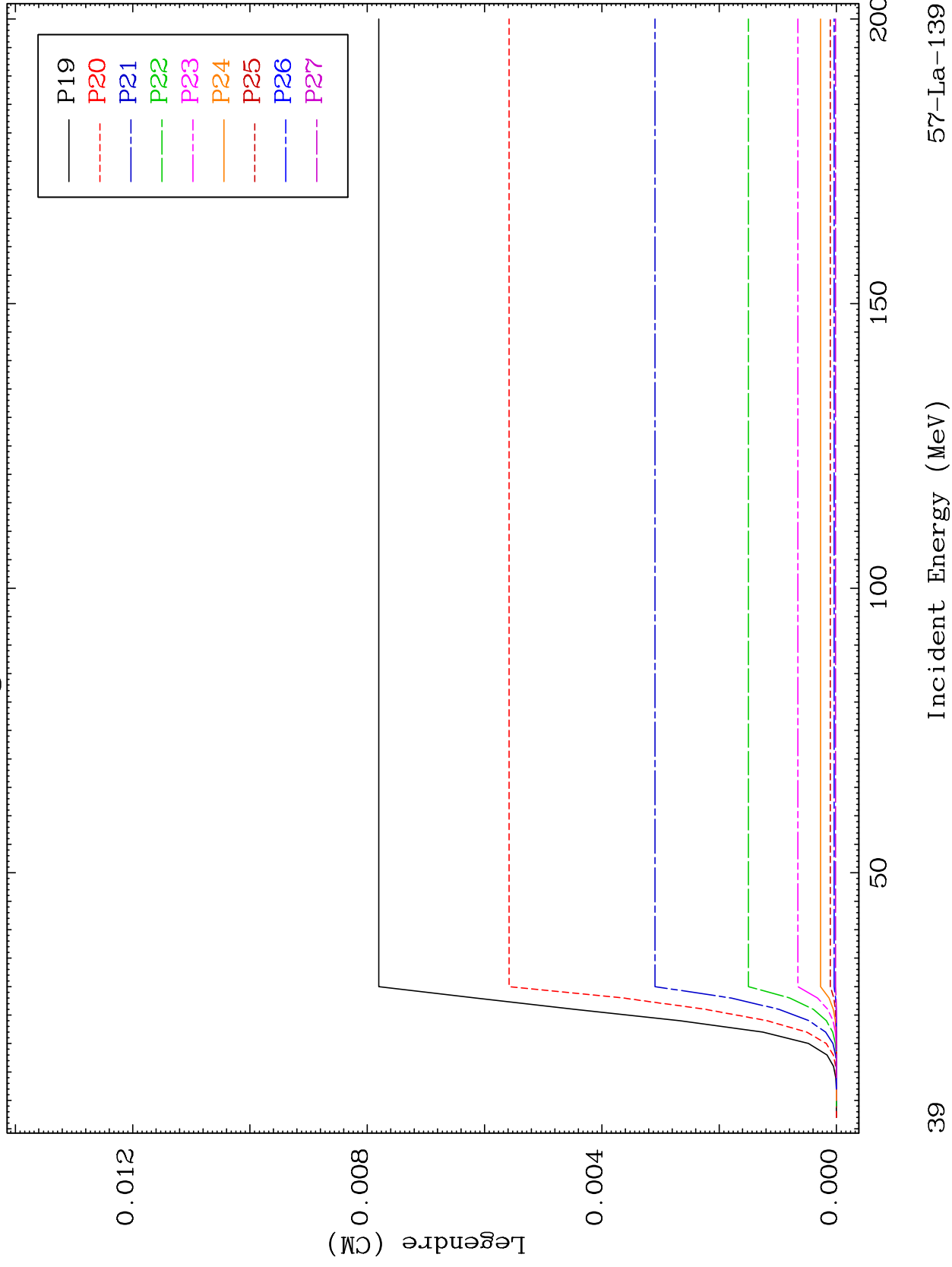
Incident Energy (MeV)

57-La-139

MAT 5728

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

57-La-139

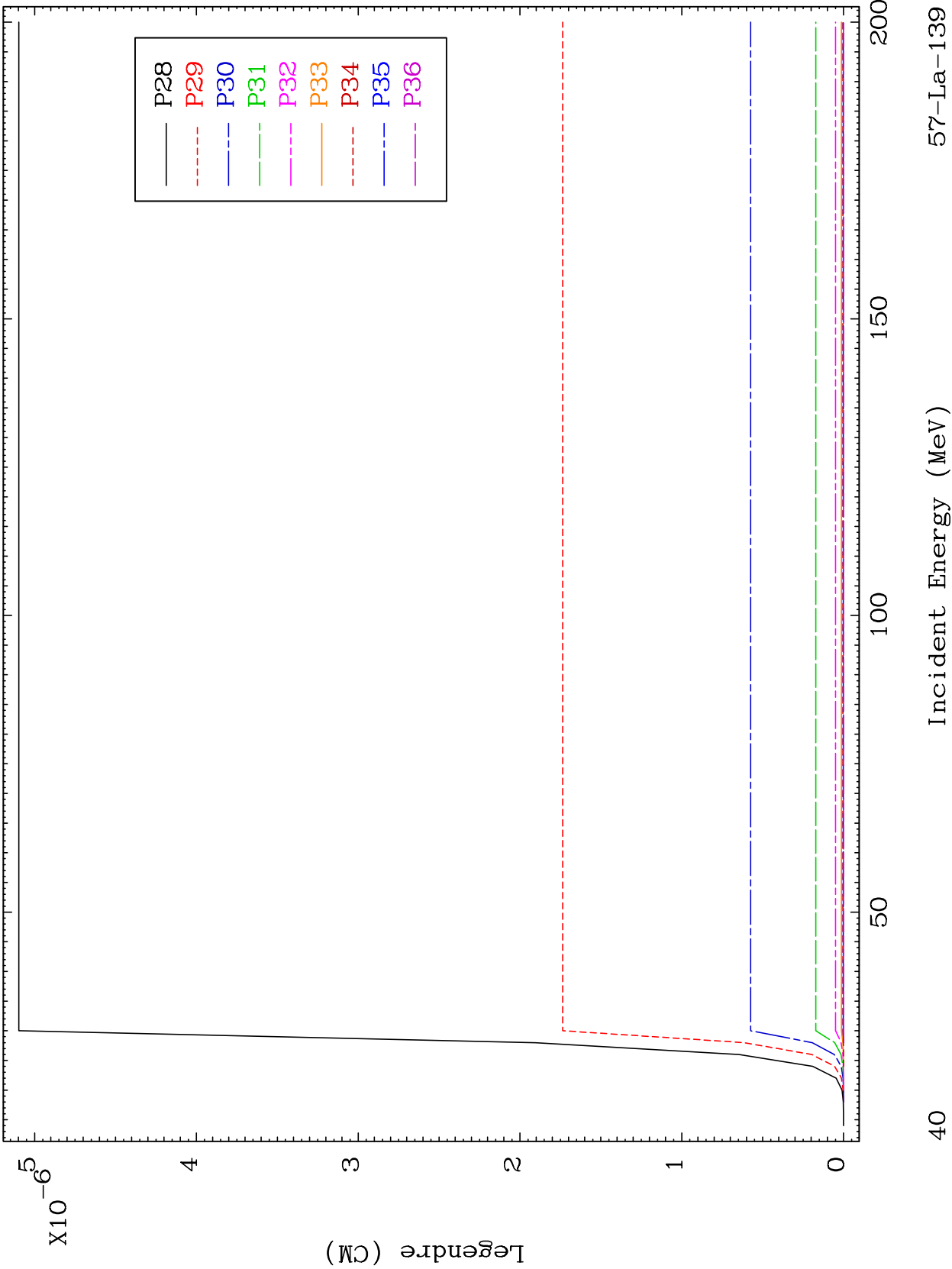


39

MAT 5728

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

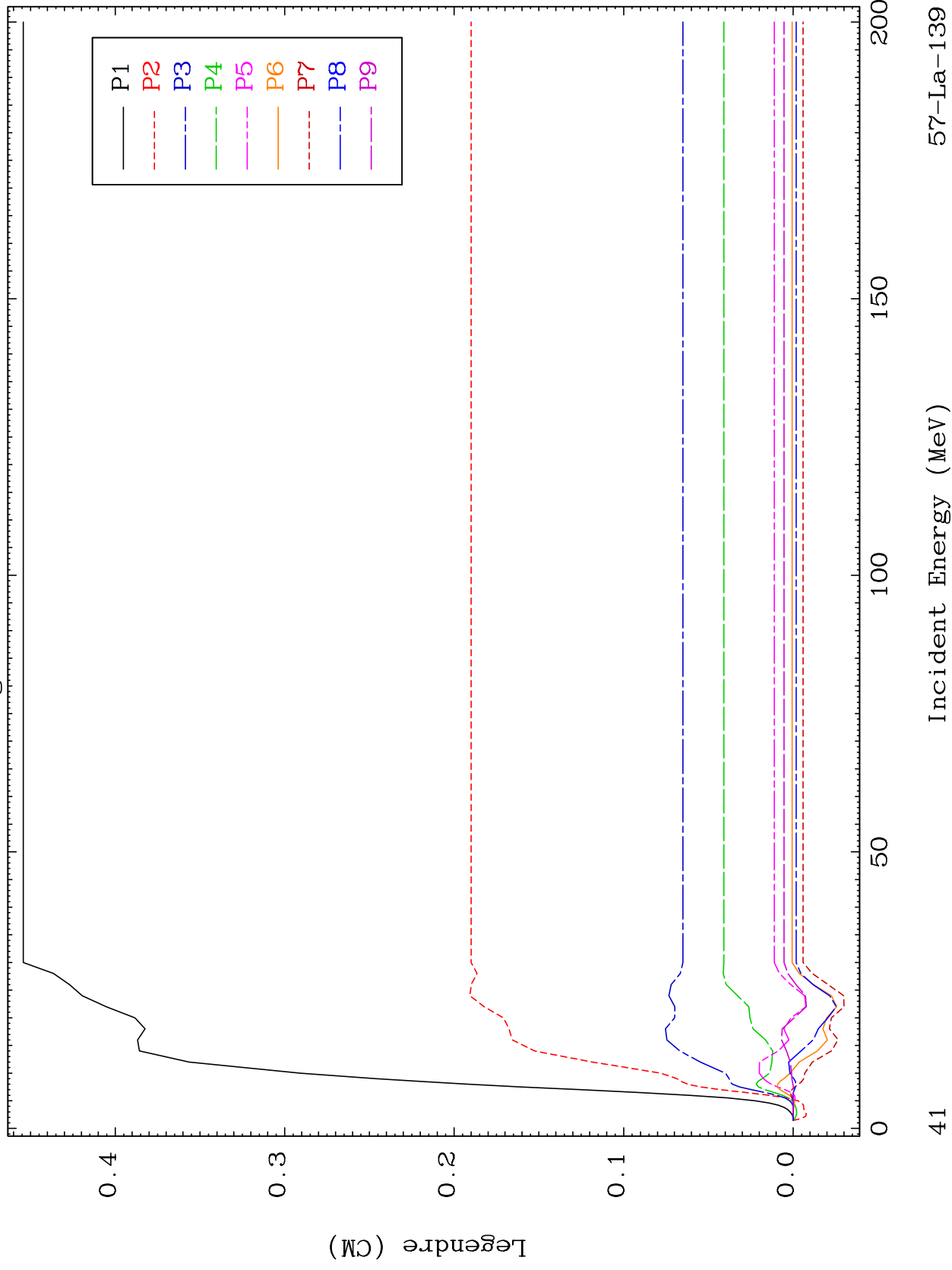
57-La-139



MAT 5728

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

57-La-139



57-La-139

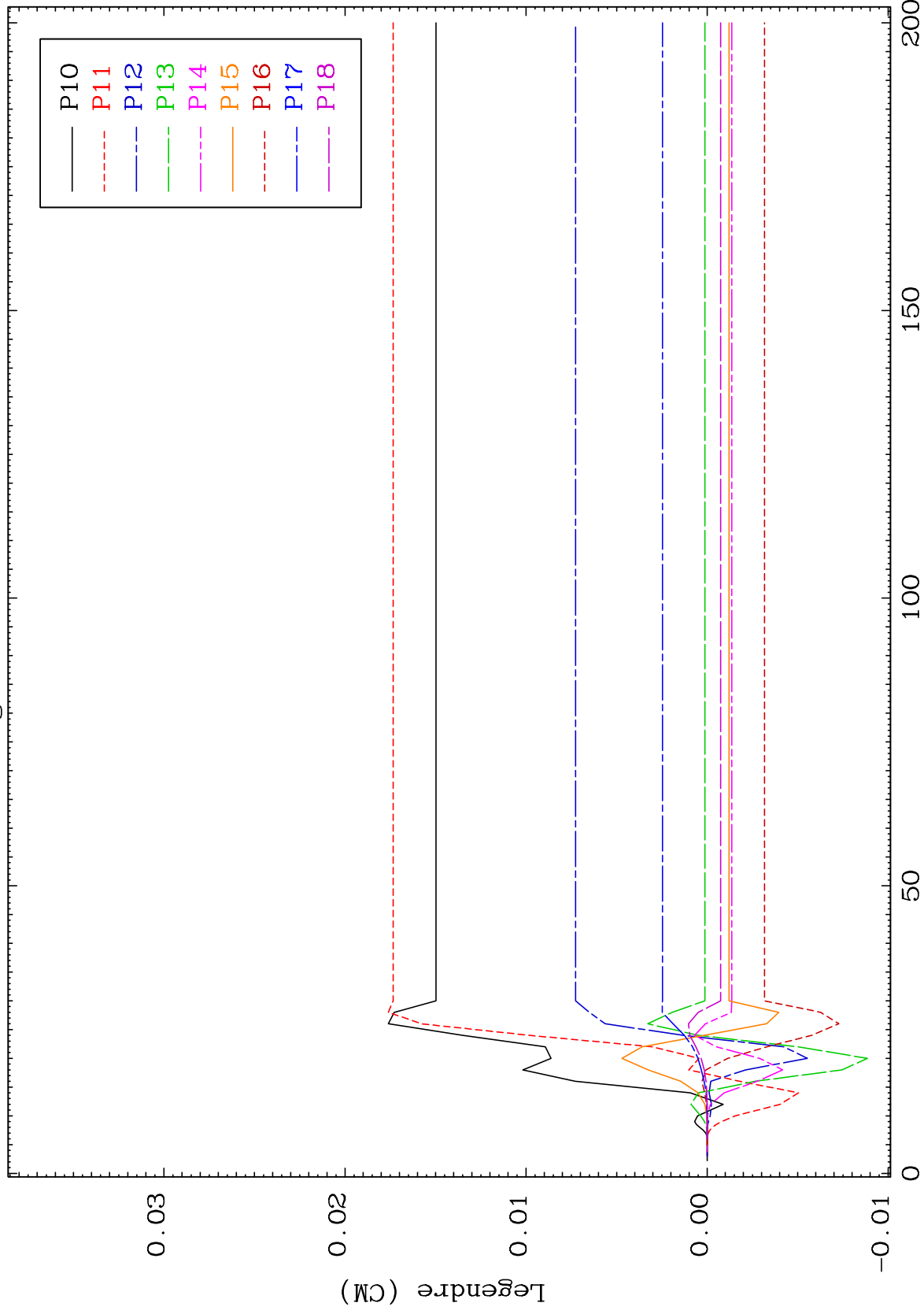
Incident Energy (MeV)

41

MAT 5728

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

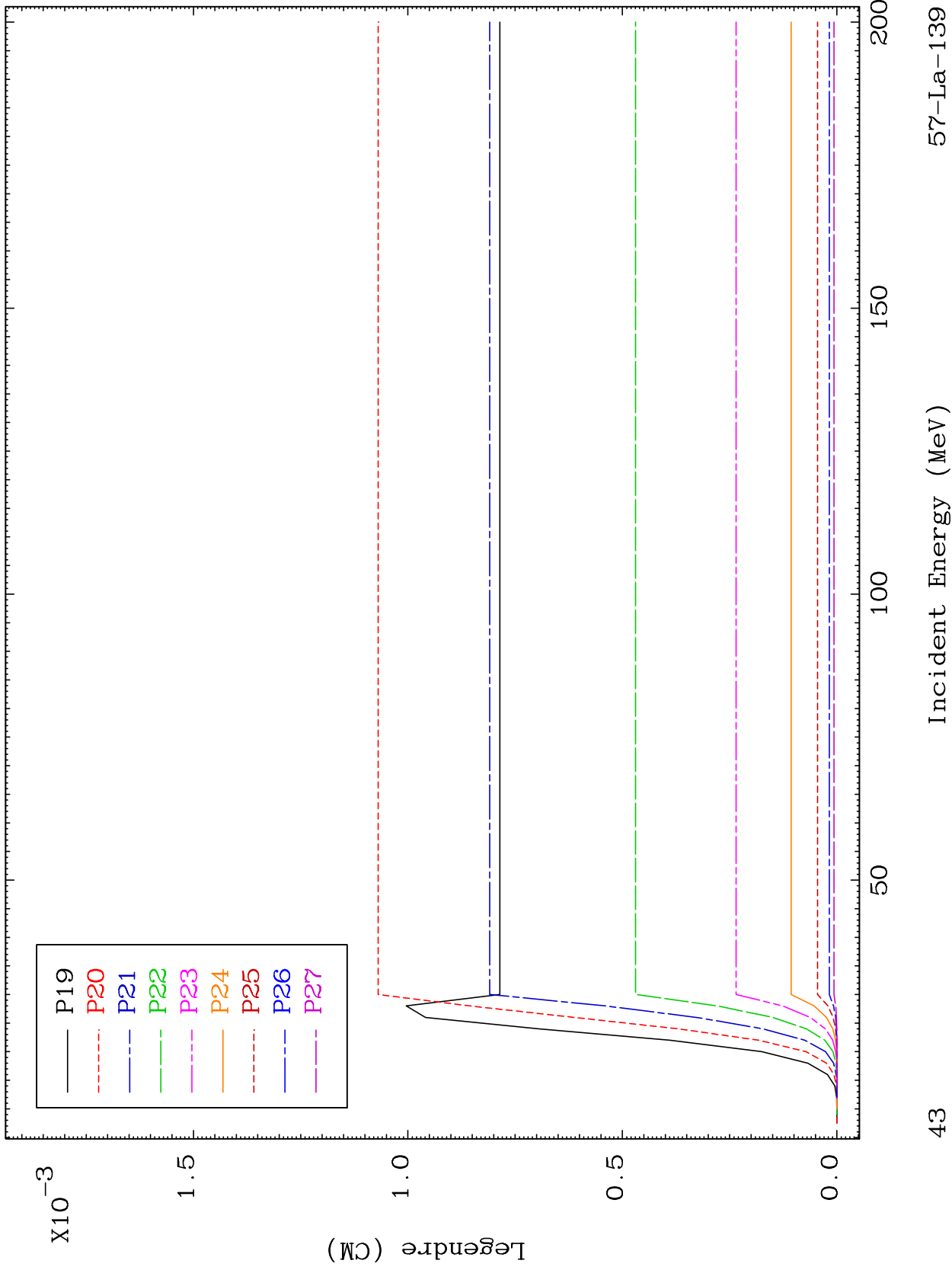
57-La-139



42

Incident Energy (MeV)

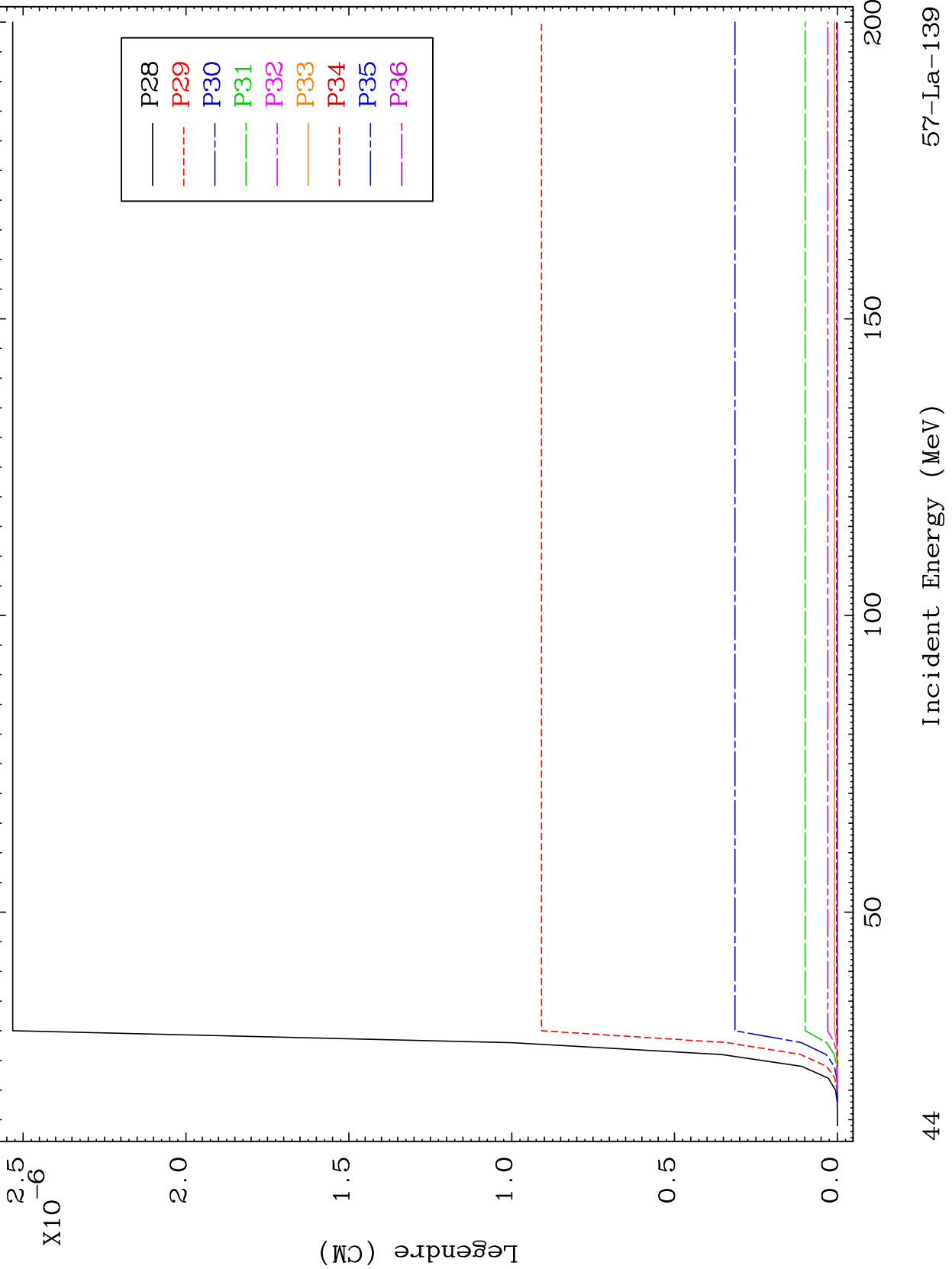
57-La-139



MAT 5728

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

57-La-139



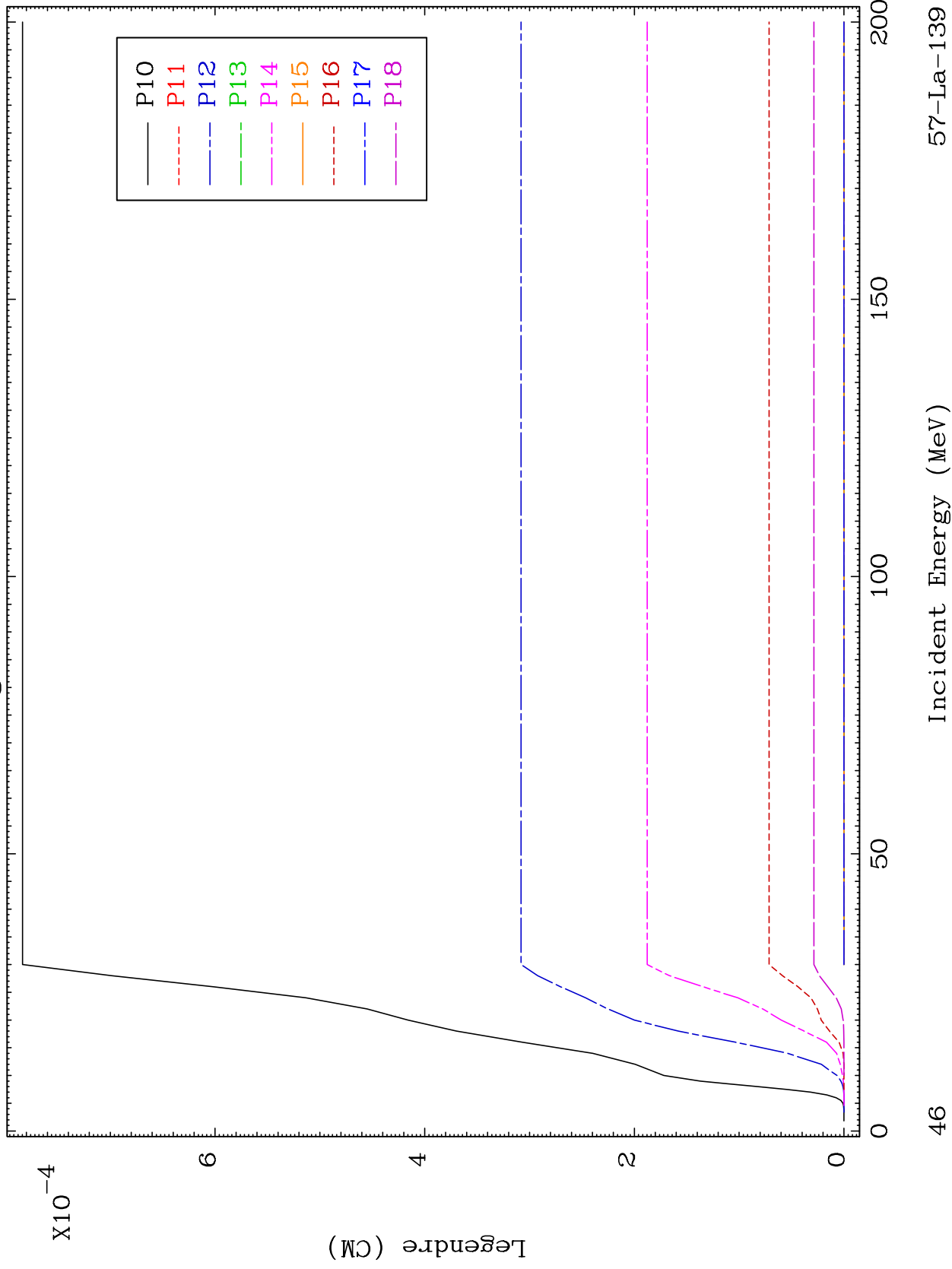
44

57-La-139

MAT 5728

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

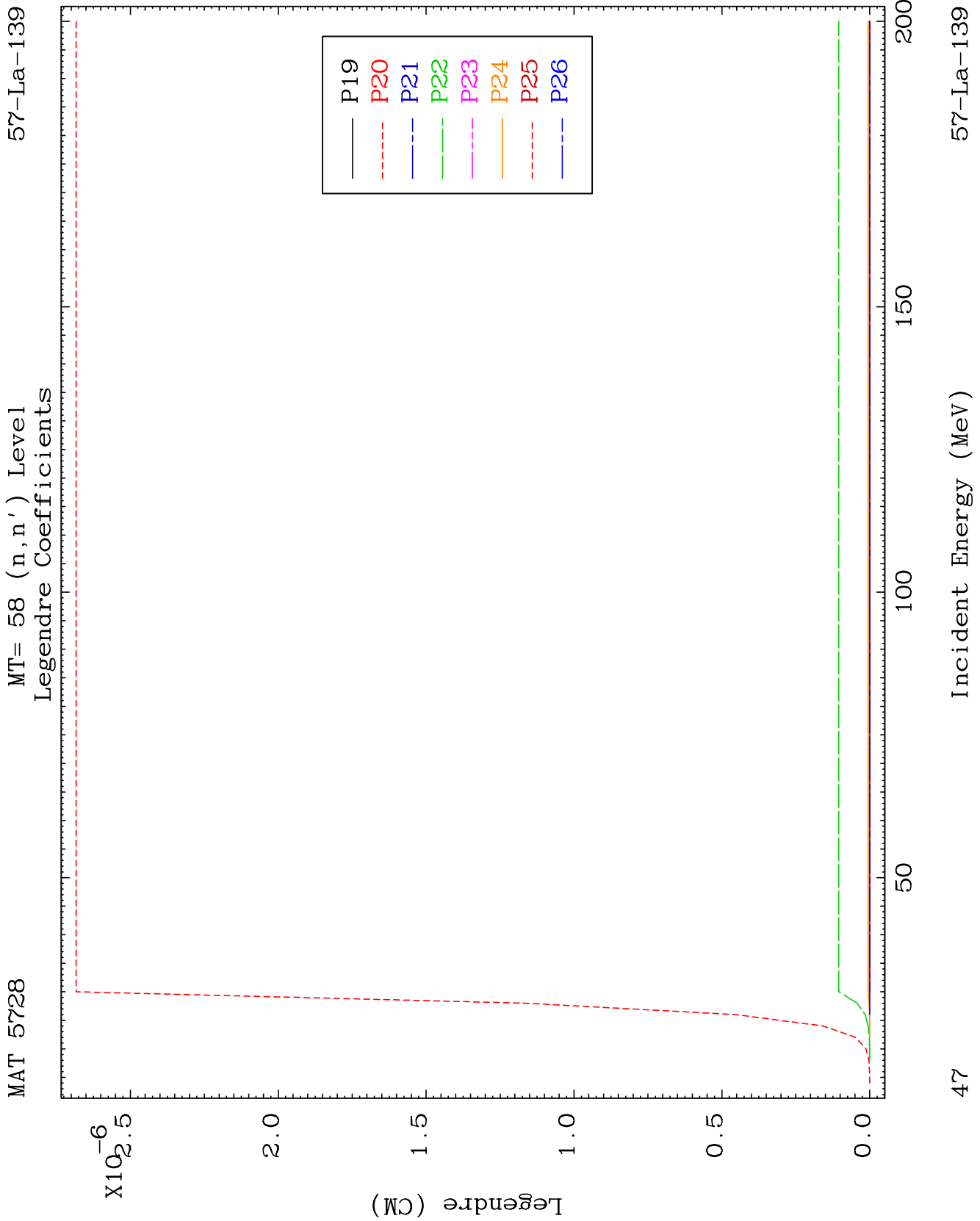
57-La-139



57-La-139

Incident Energy (MeV)

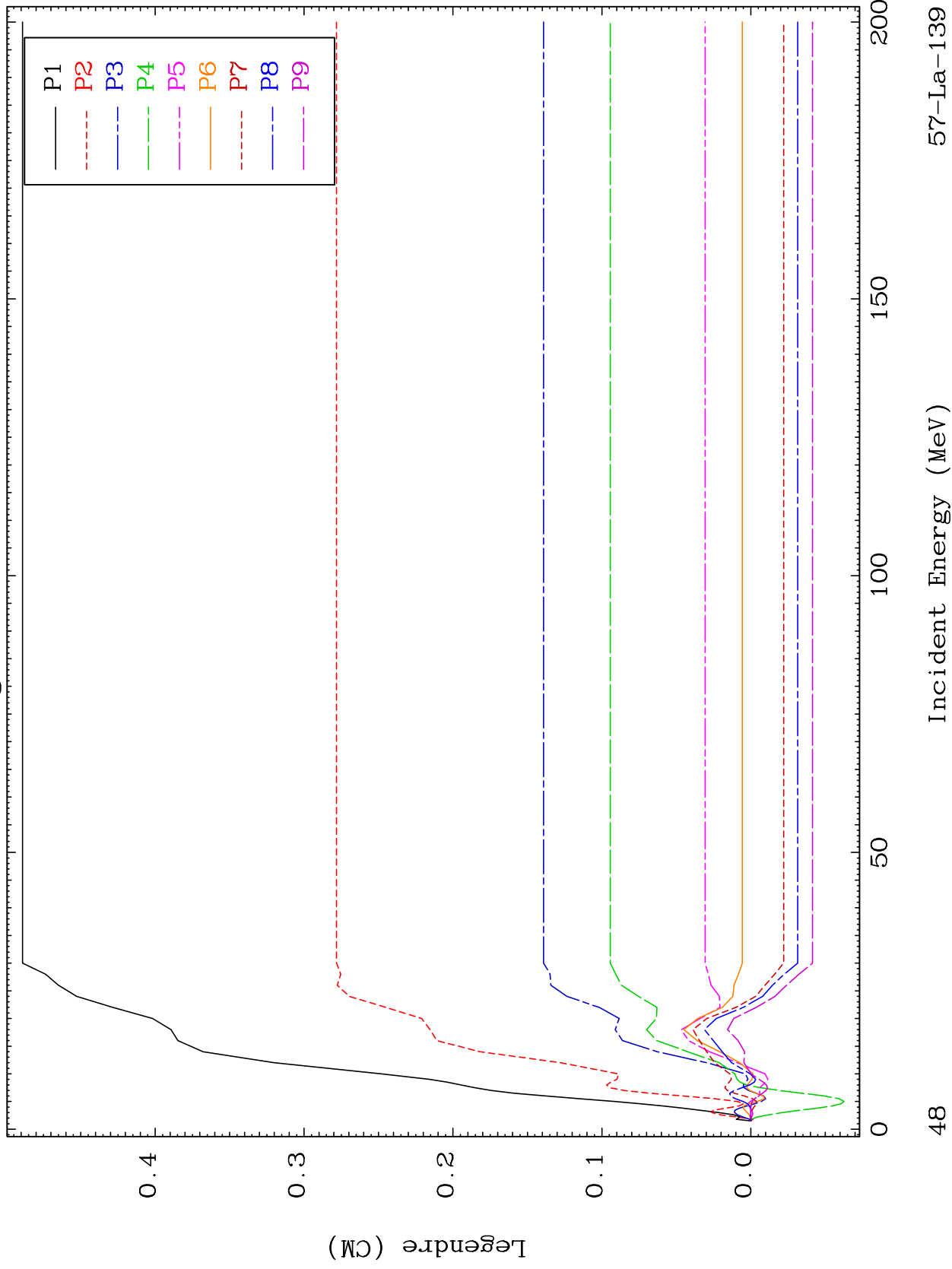
46



MAT 5728

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

57-La-139



57-La-139

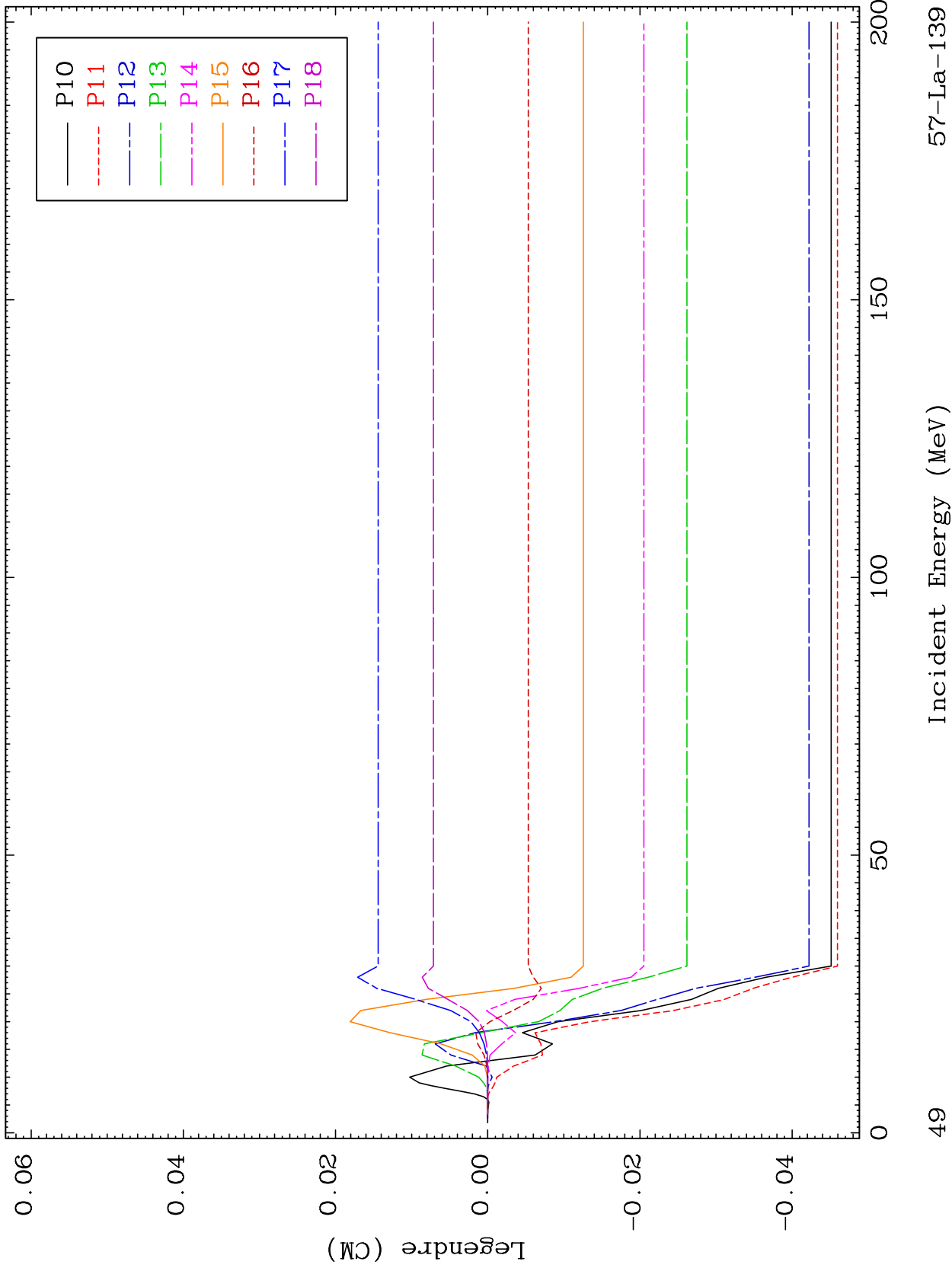
Incident Energy (MeV)

48

MAT 5728

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

57-La-139



57-La-139

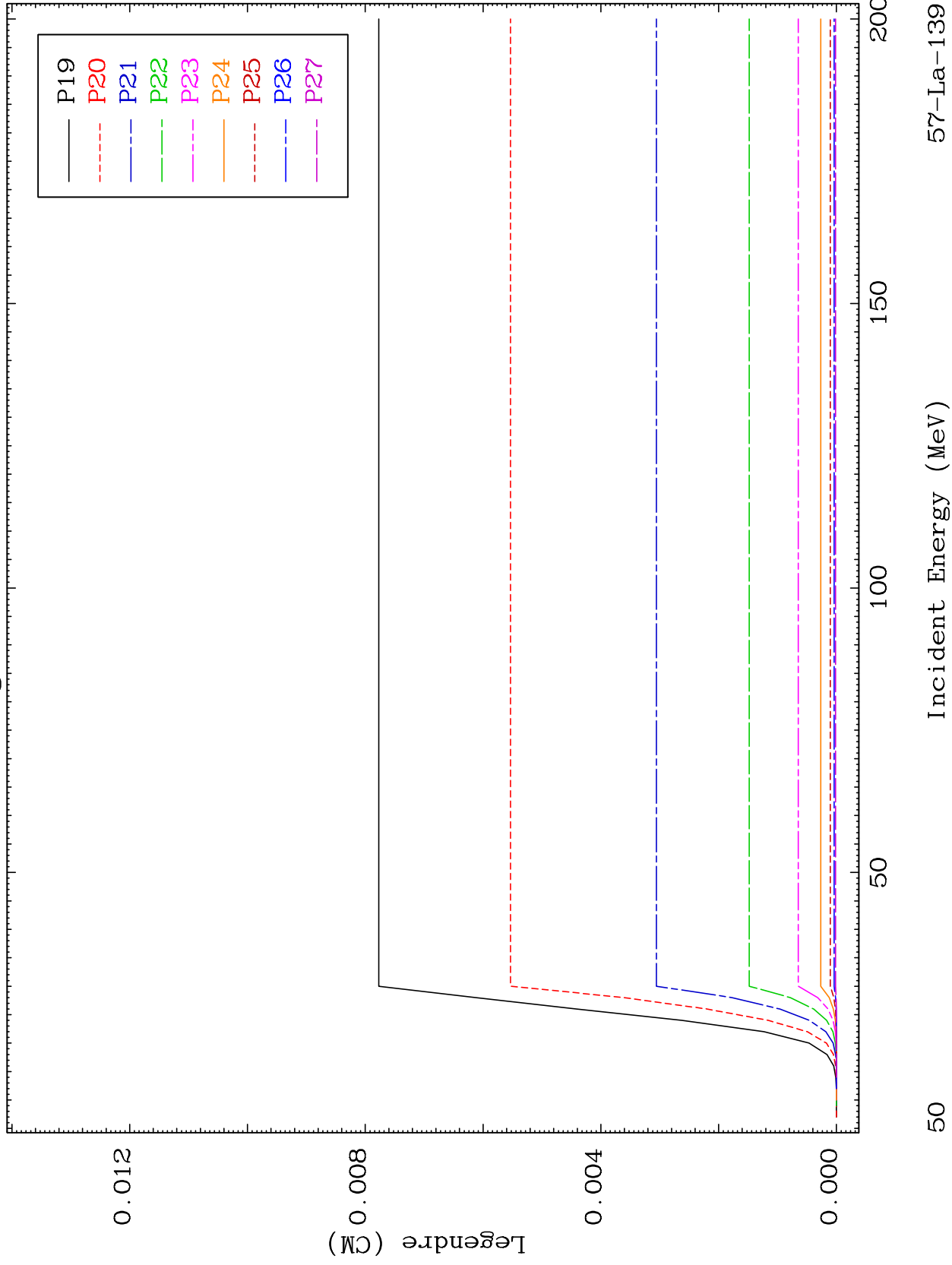
Incident Energy (MeV)

49

MAT 5728

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

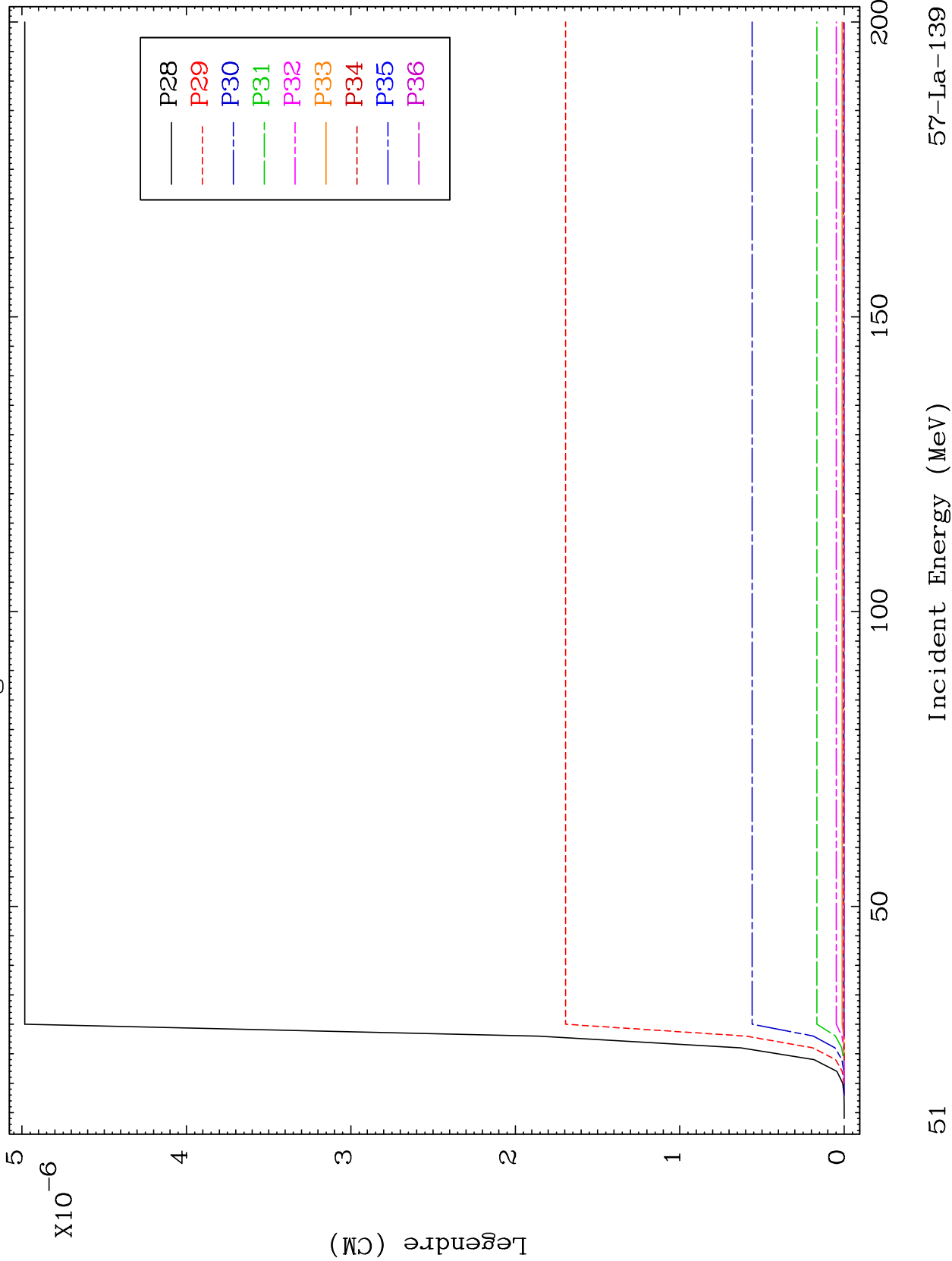
57-La-139



MAT 5728

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

57-La-139



51

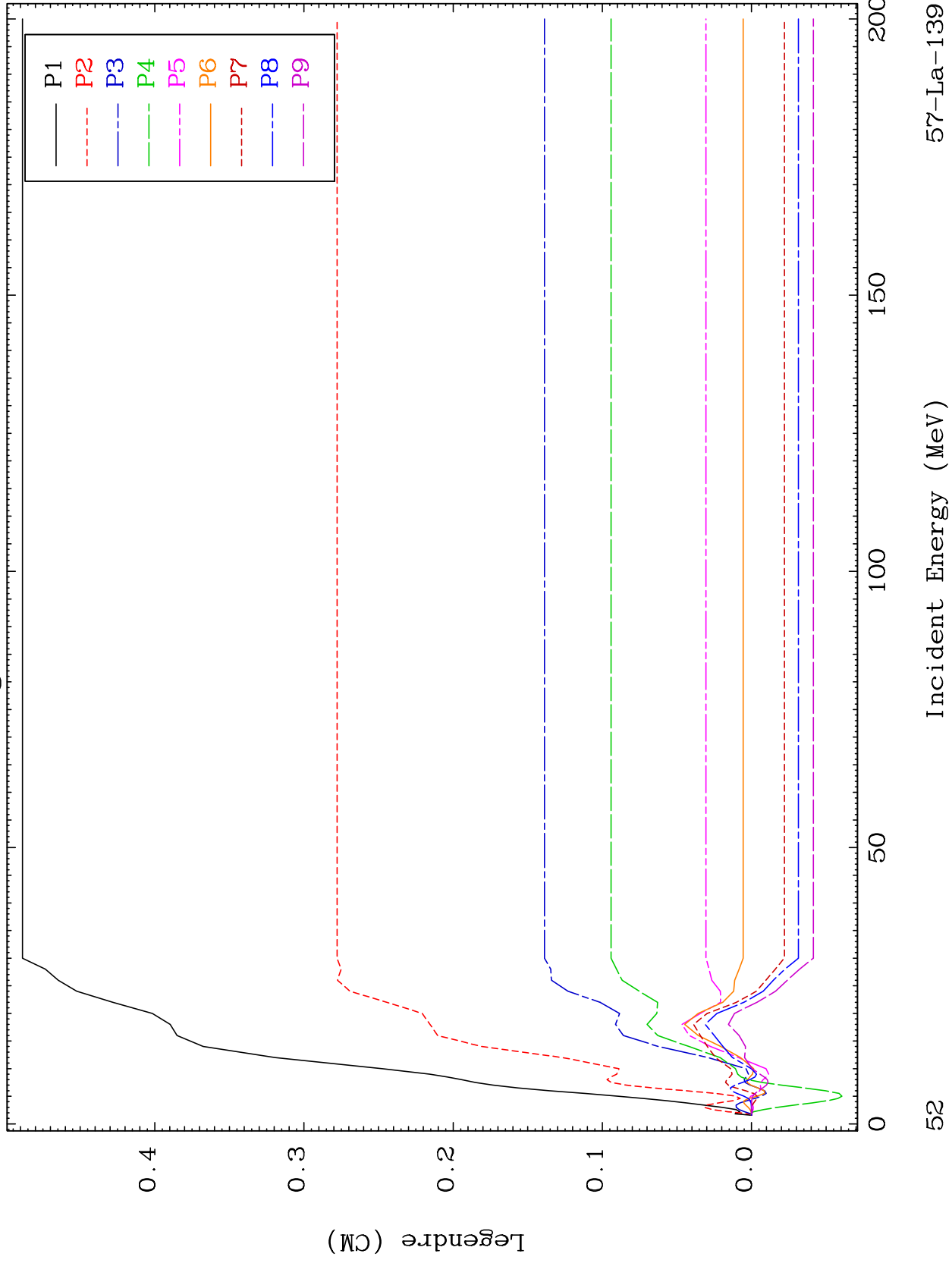
Incident Energy (MeV)

57-La-139

MAT 5728

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

57-La-139



57-La-139

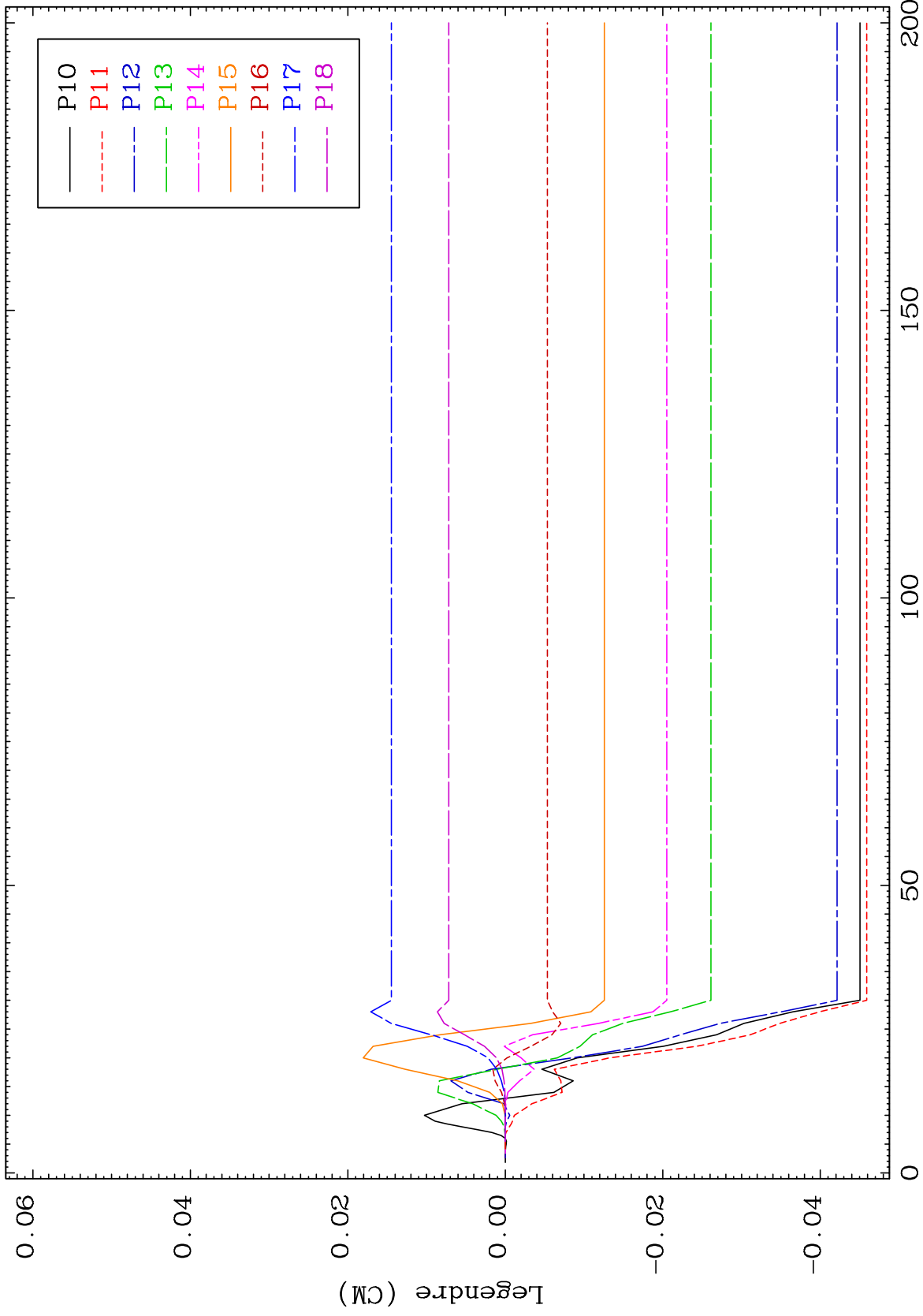
Incident Energy (MeV)

52

MAT 5728

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

57-La-139



53

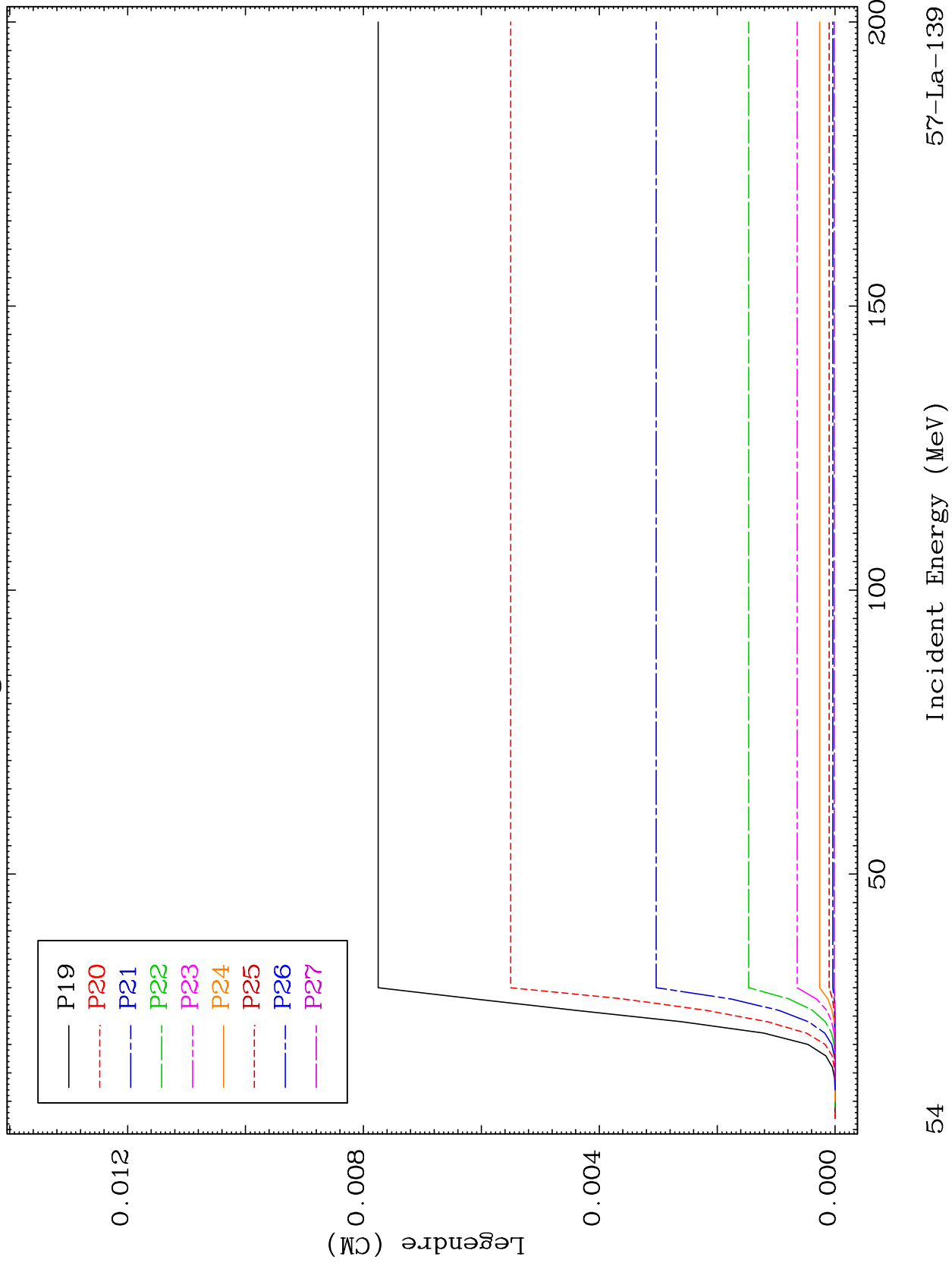
Incident Energy (MeV)

57-La-139

MAT 5728

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

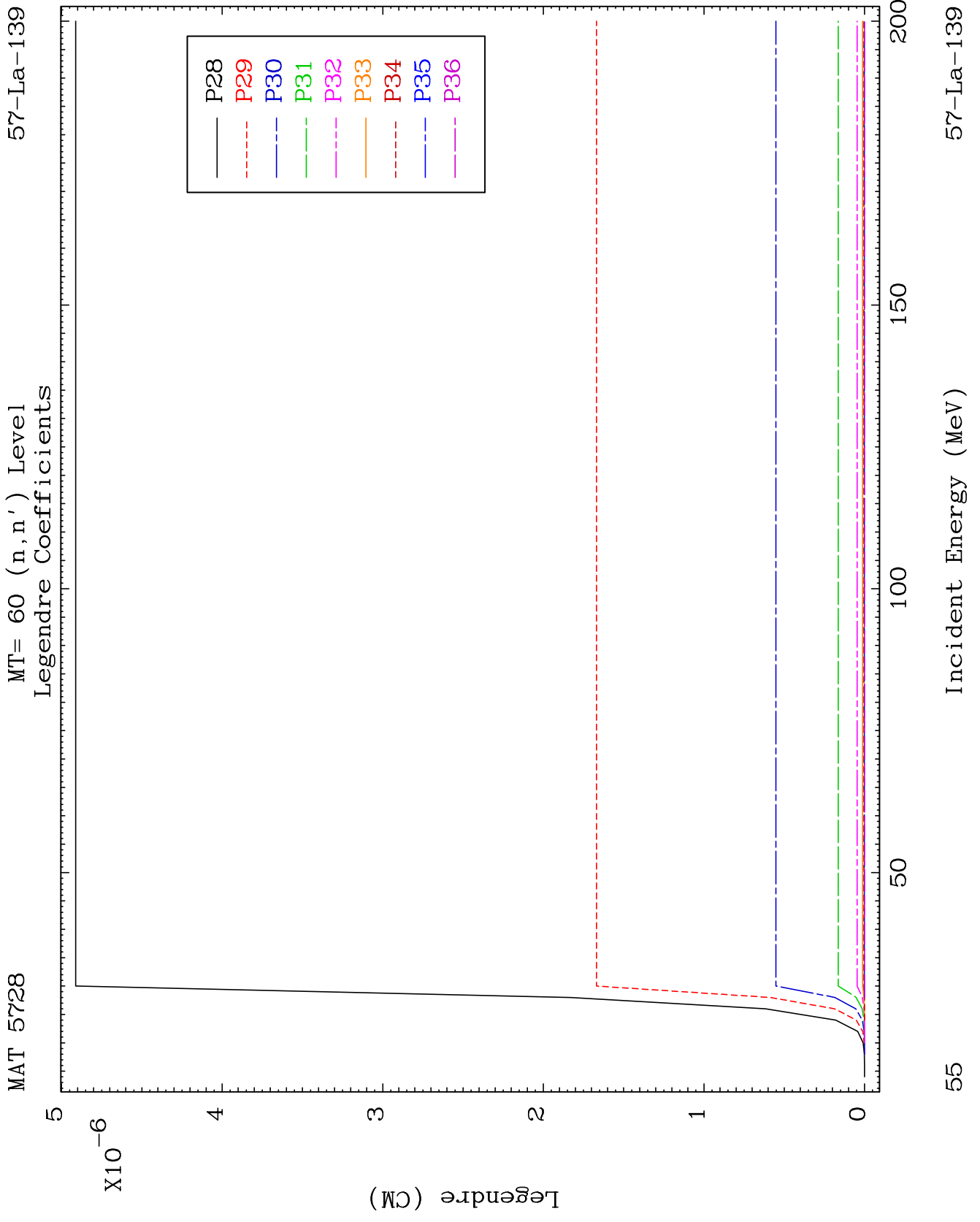
57-La-139



54

Incident Energy (MeV)

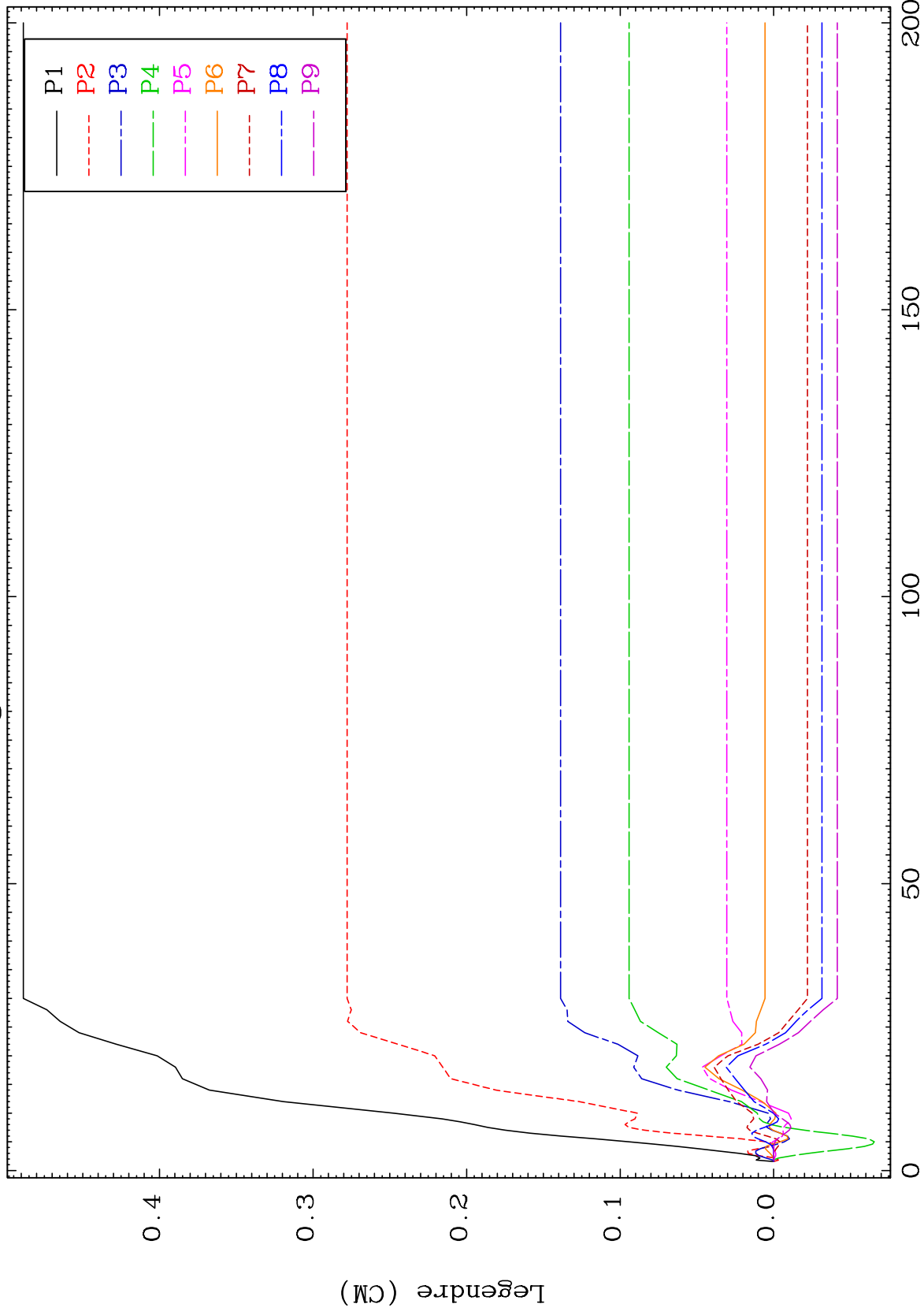
57-La-139



MAT 5728

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

57-La-139



57-La-139

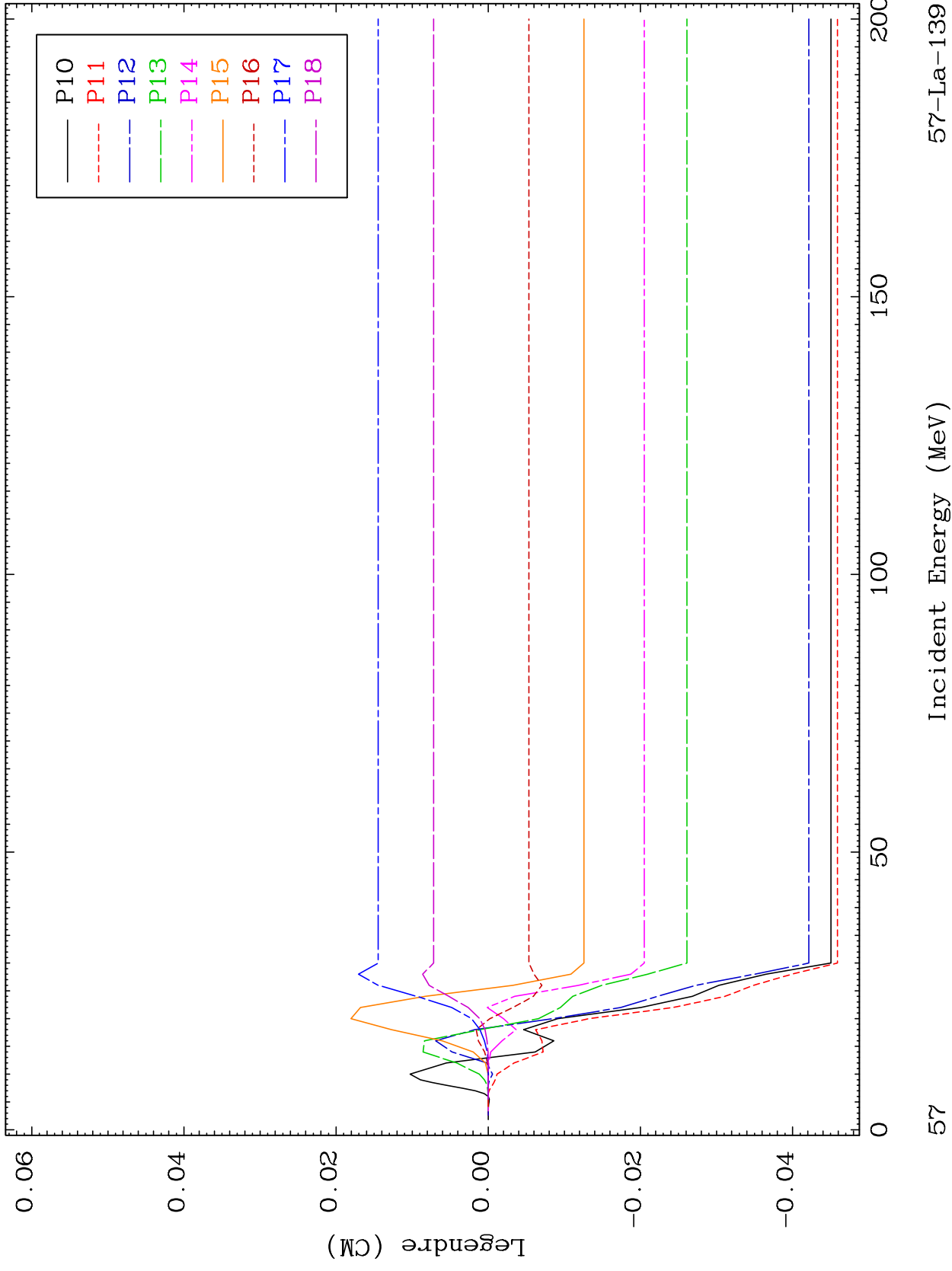
Incident Energy (MeV)

56

MAT 5728

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

57-La-139



57

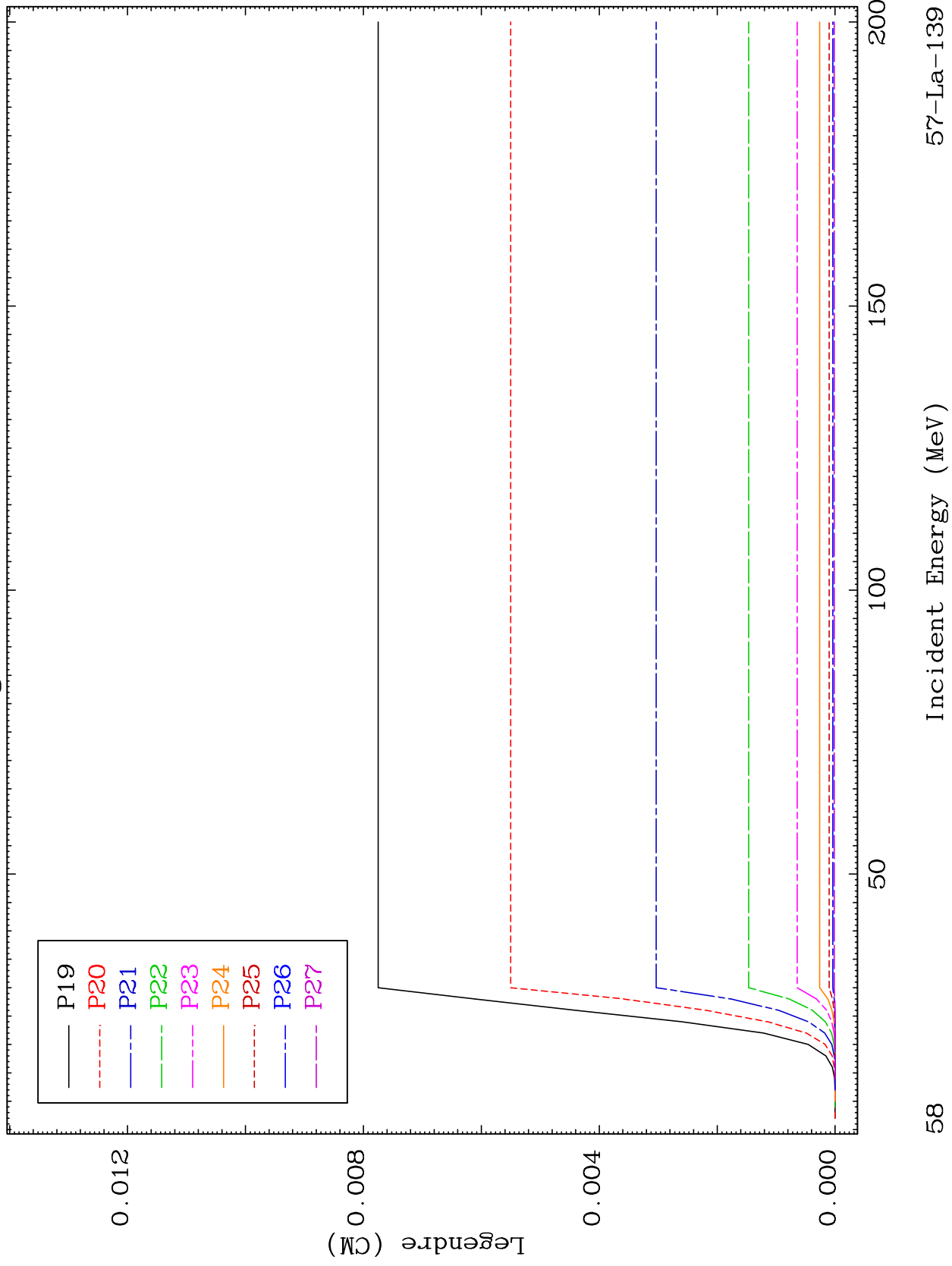
Incident Energy (MeV)

57-La-139

MAT 5728

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

57-La-139



58

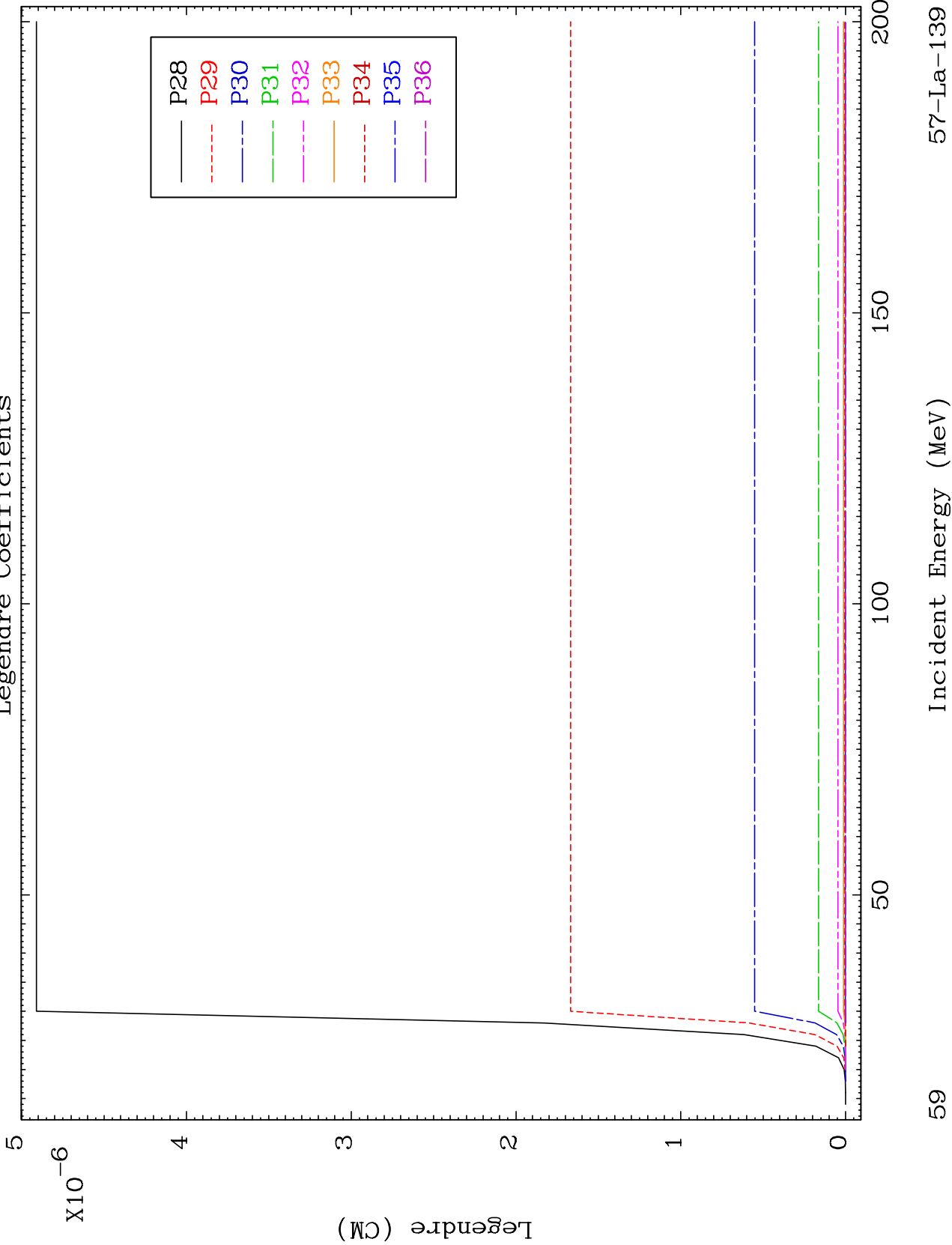
Incident Energy (MeV)

57-La-139

MAT 5728

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

57-La-139



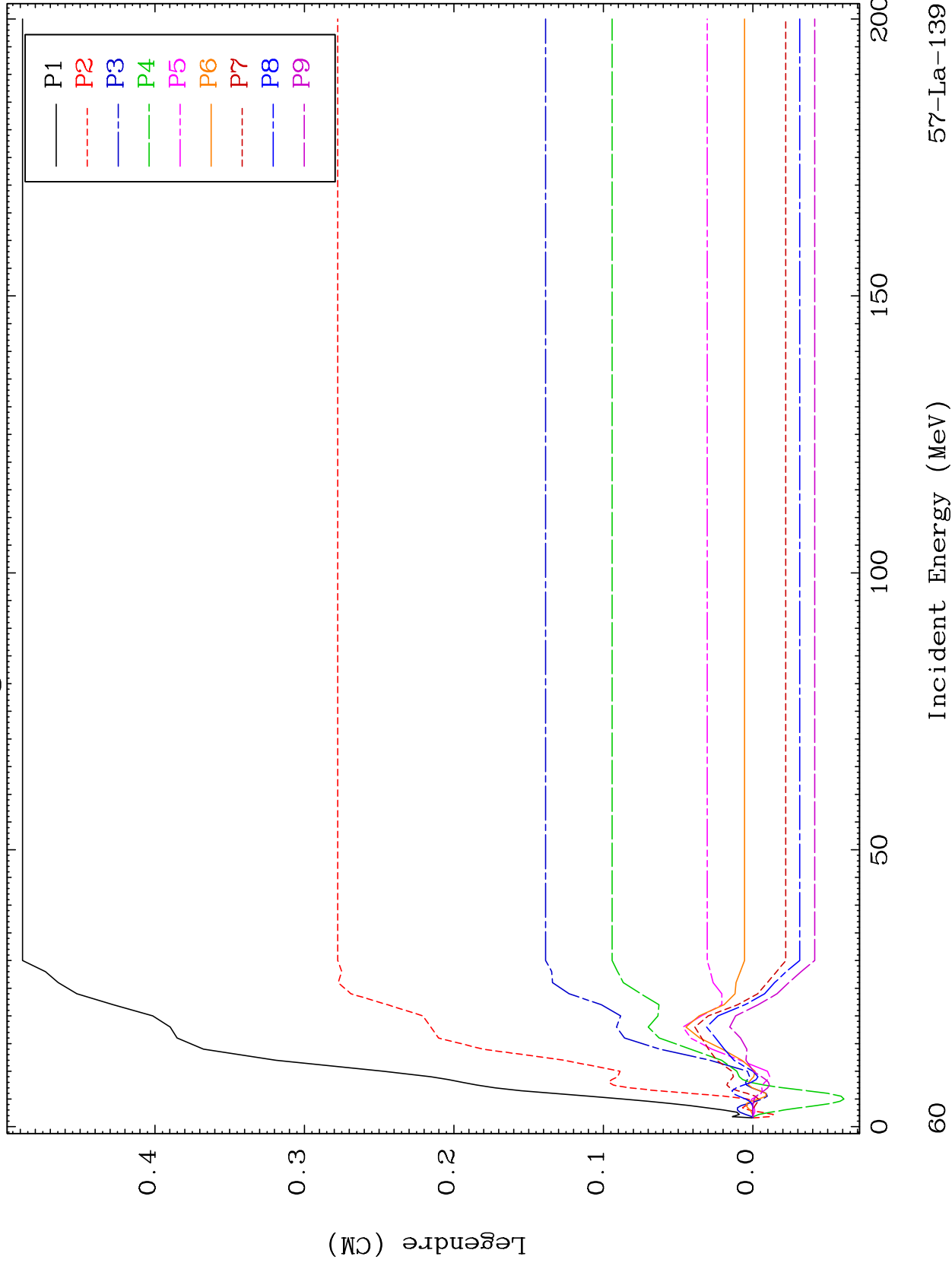
59

57-La-139

MAT 5728

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

57-La-139

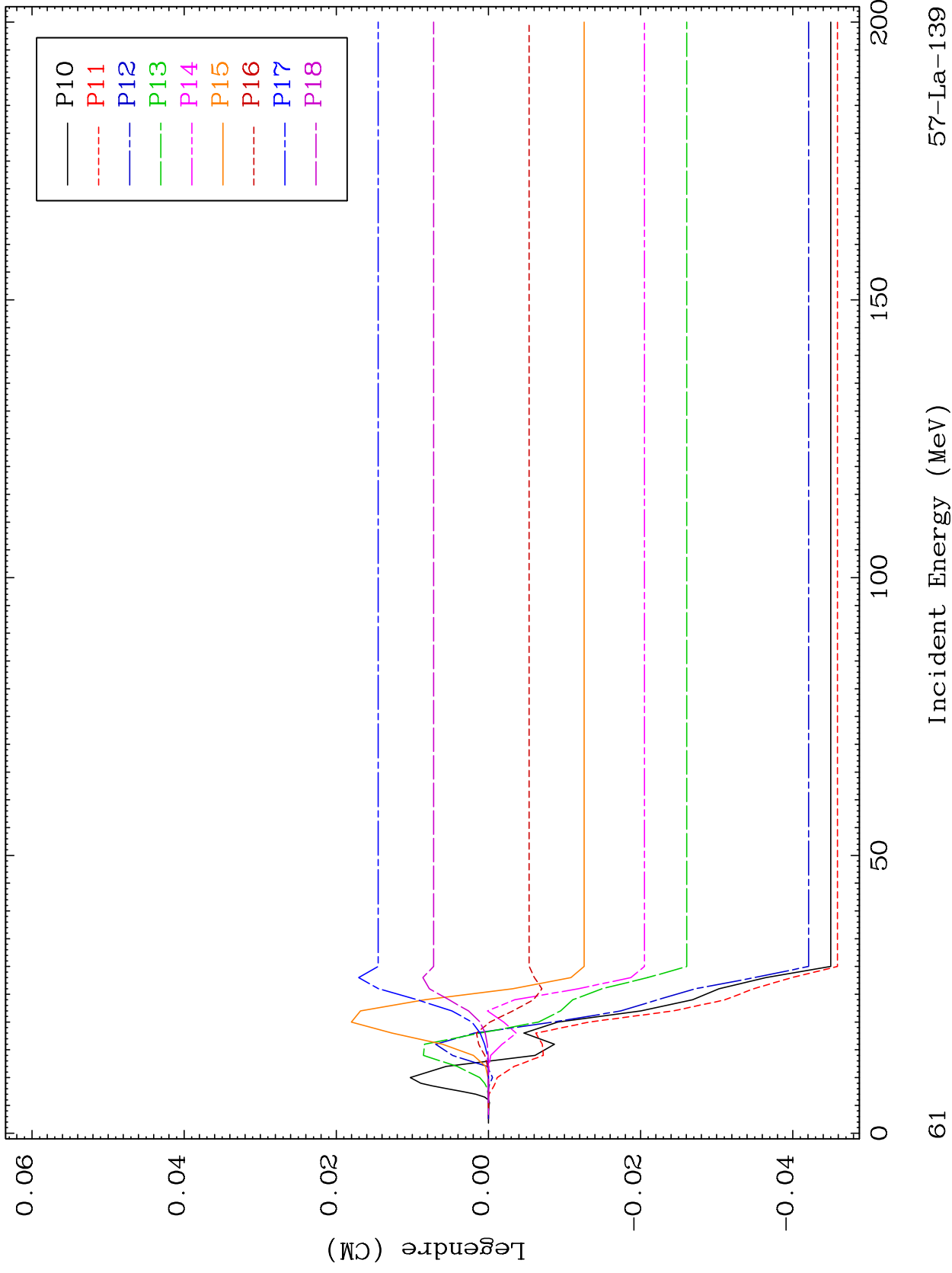


57-La-139

MAT 5728

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

57-La-139



61

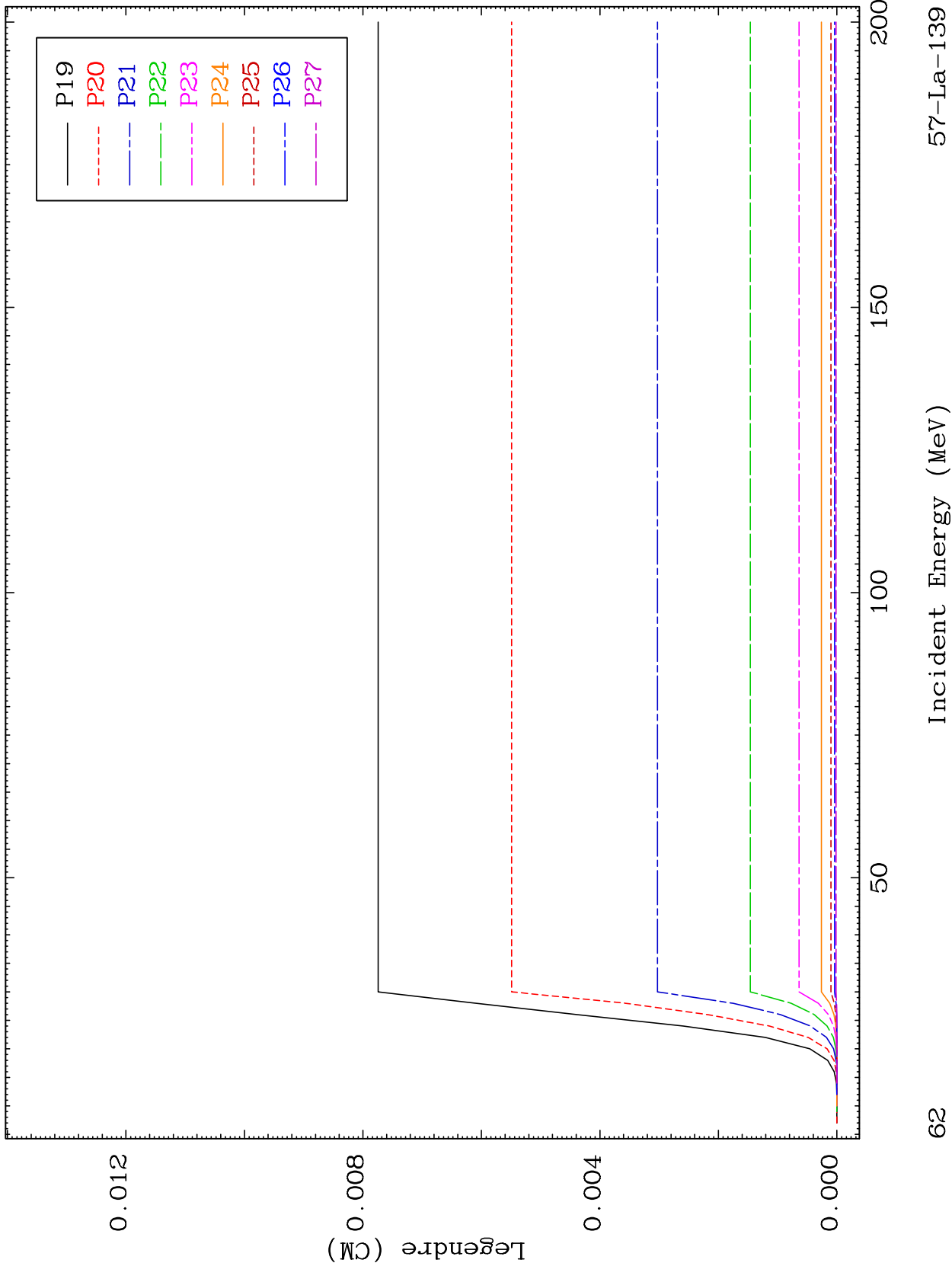
Incident Energy (MeV)

57-La-139

MAT 5728

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

57-La-139



62

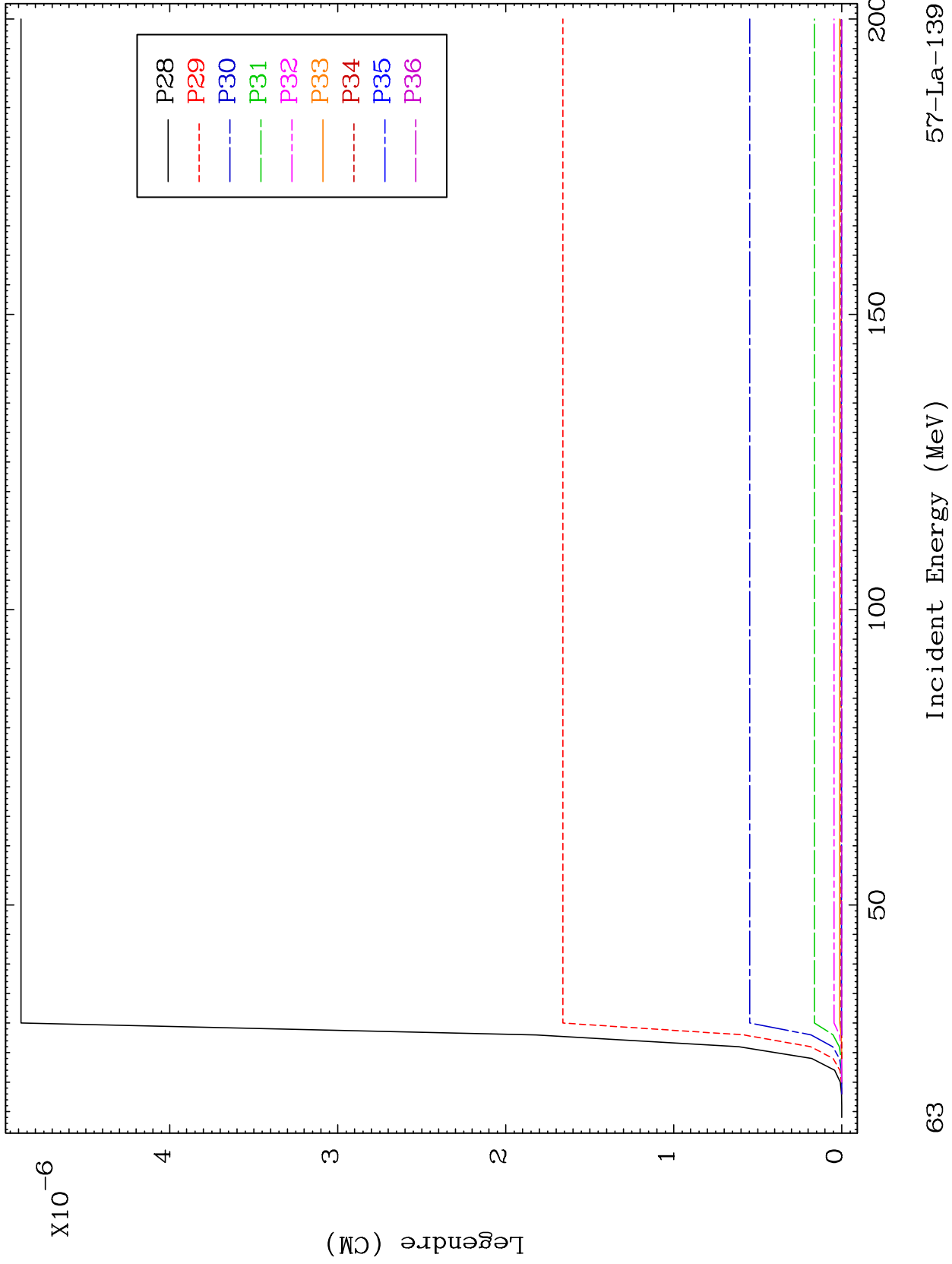
Incident Energy (MeV)

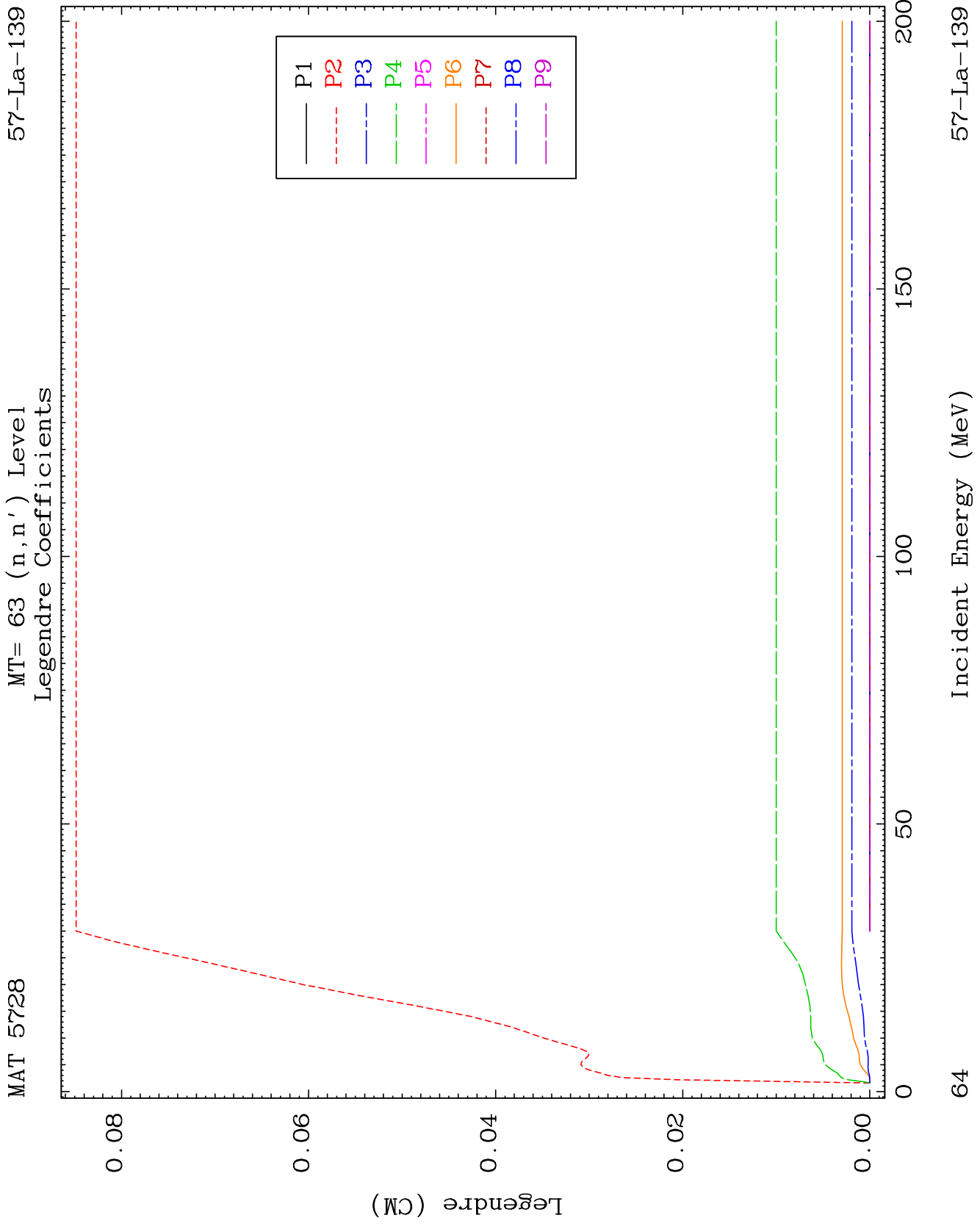
57-La-139

MAT 5728

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

57-La-139

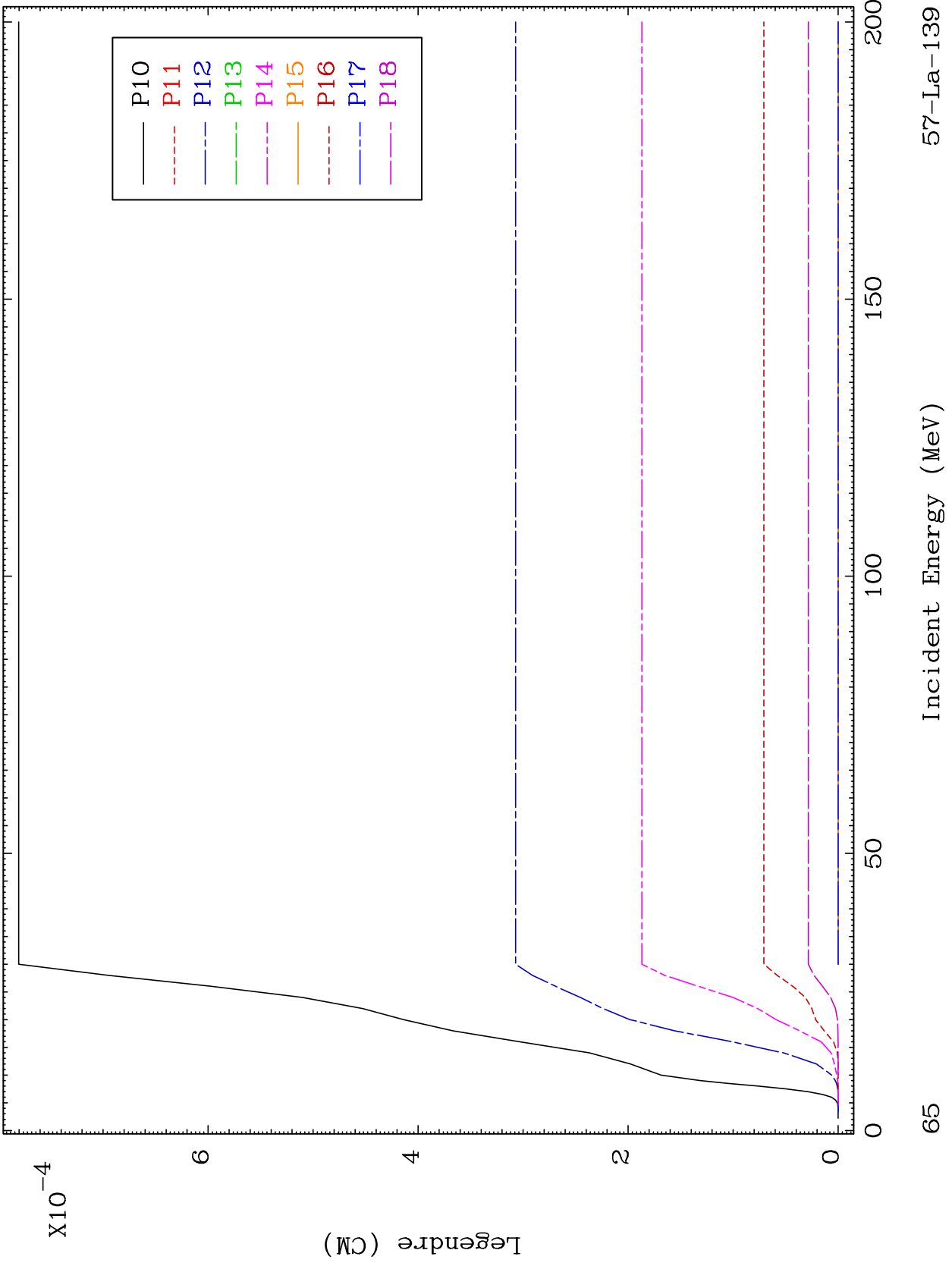




MAT 5728

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

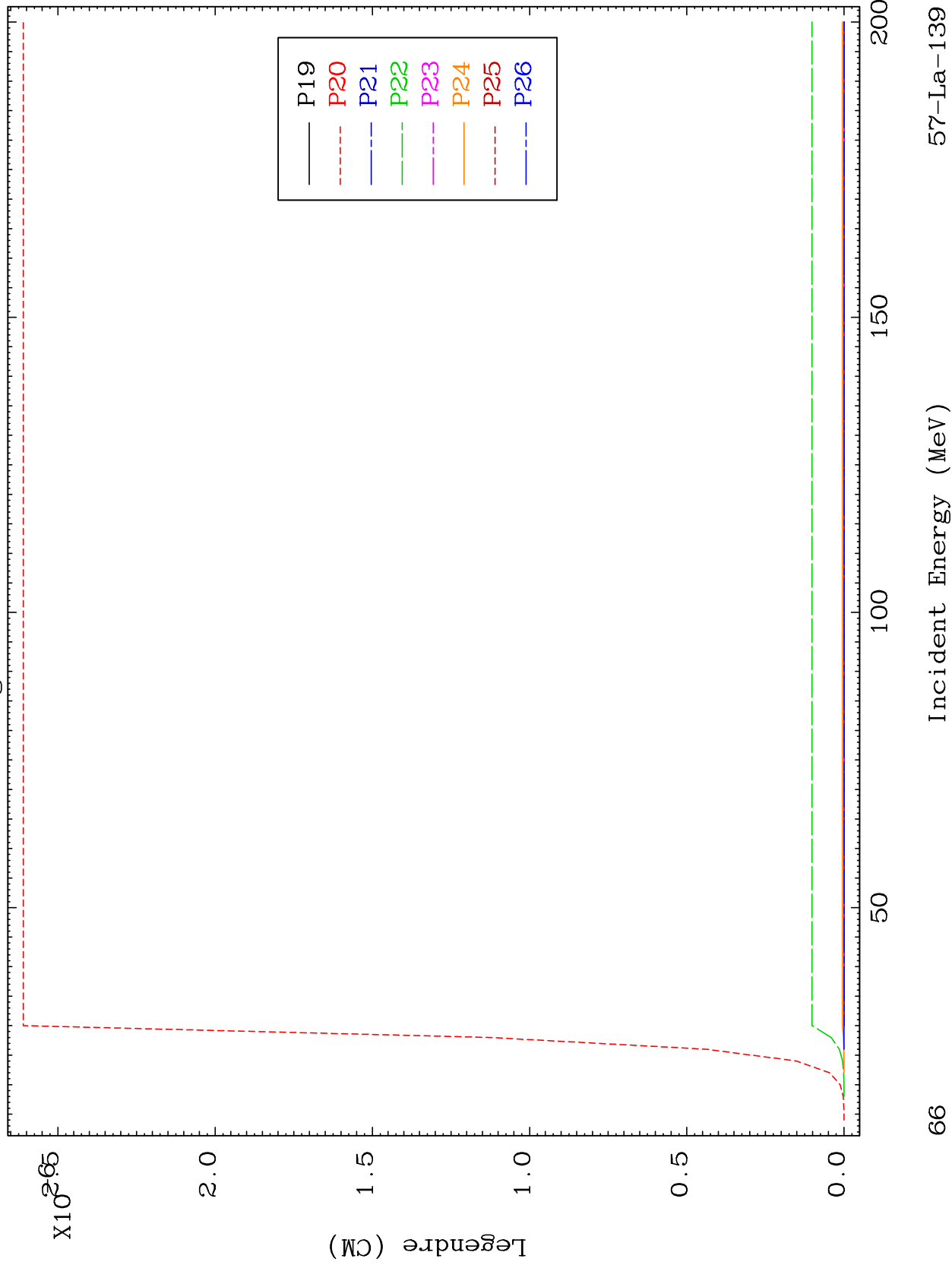
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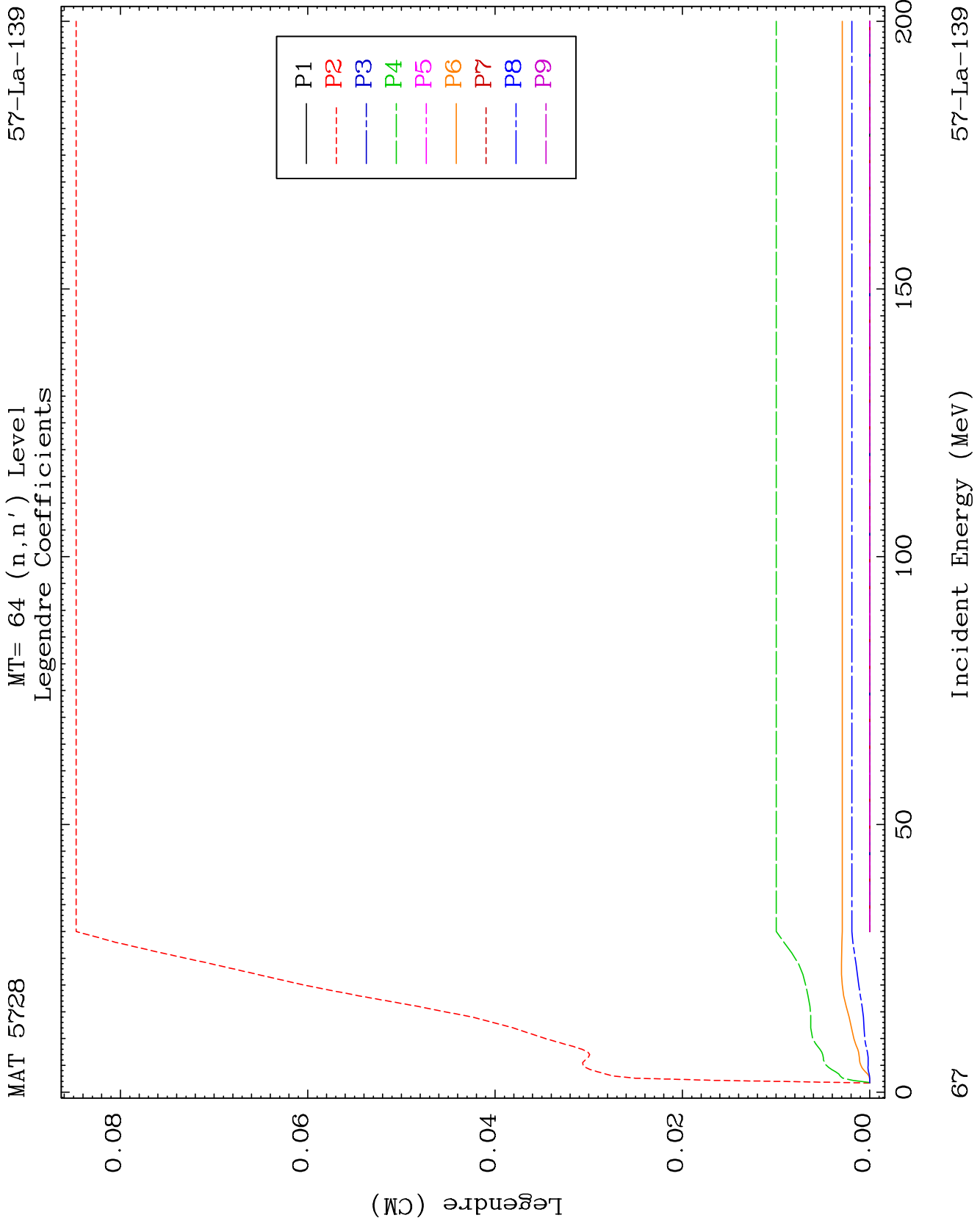


MAT 5728

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

57-La-139

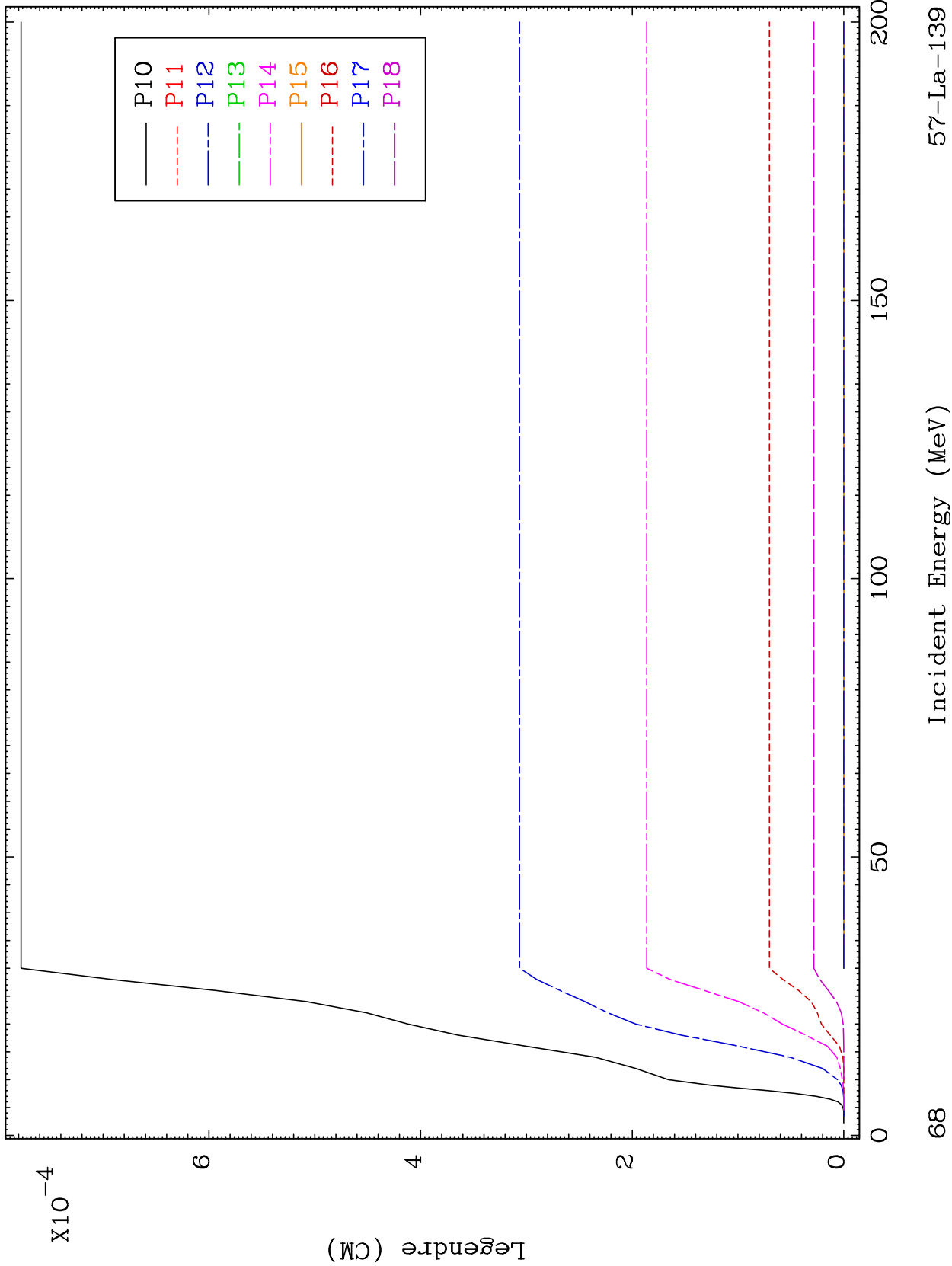




MAT 5728

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

57-La-139



57-La-139

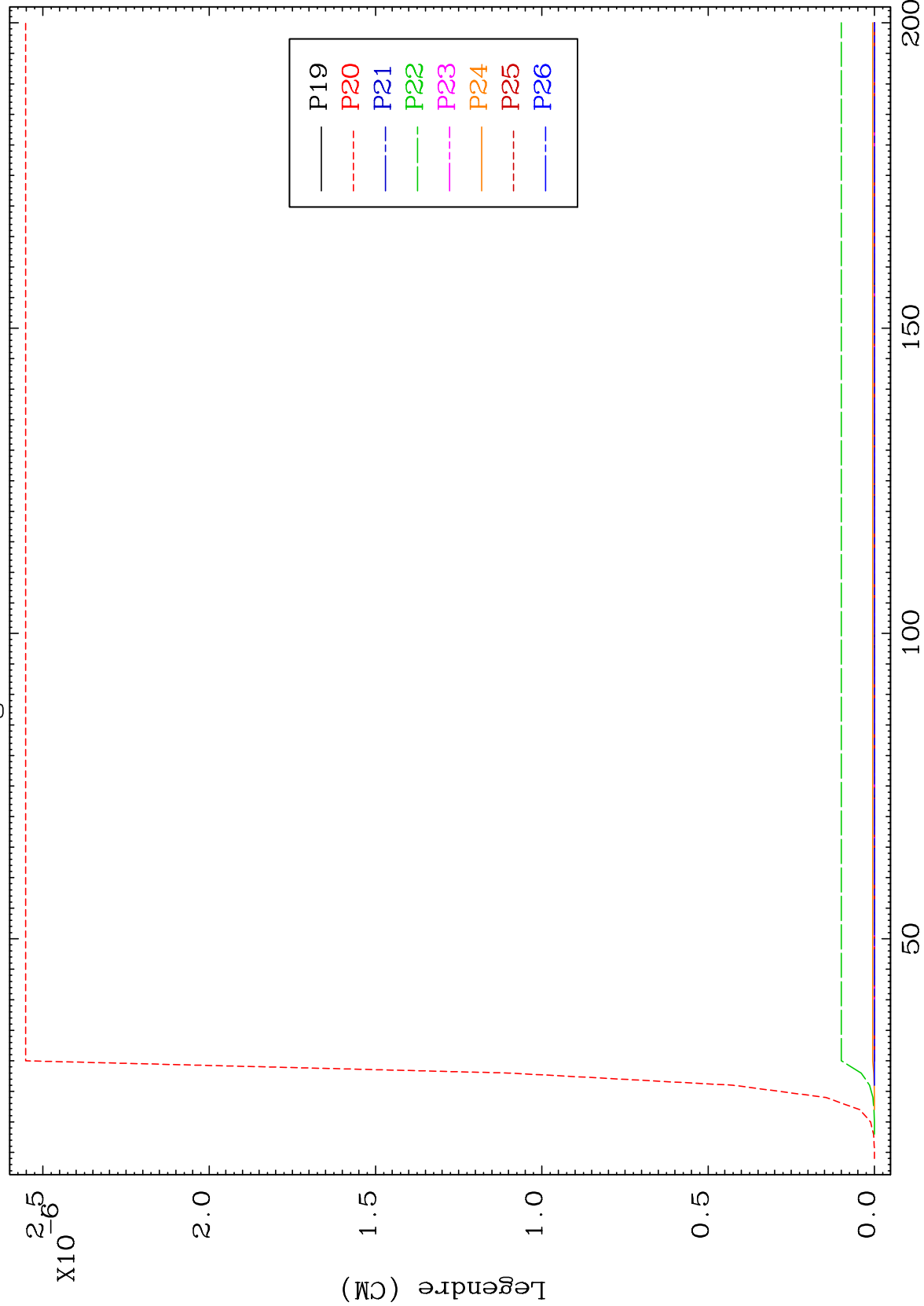
Incident Energy (MeV)

68

MAT 5728

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

57-La-139



69

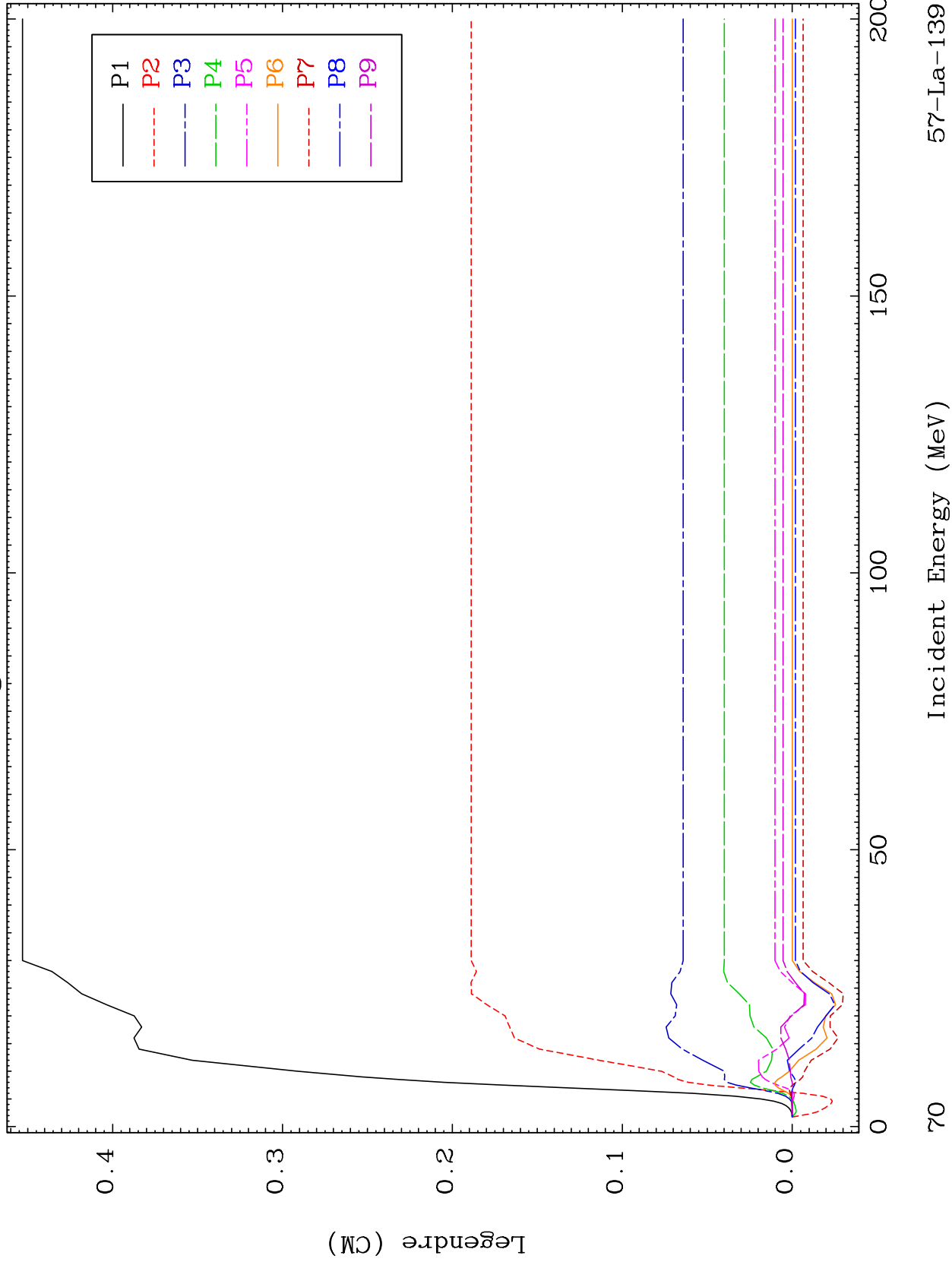
Incident Energy (MeV)

57-La-139

MAT 5728

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

57-La-139



57-La-139

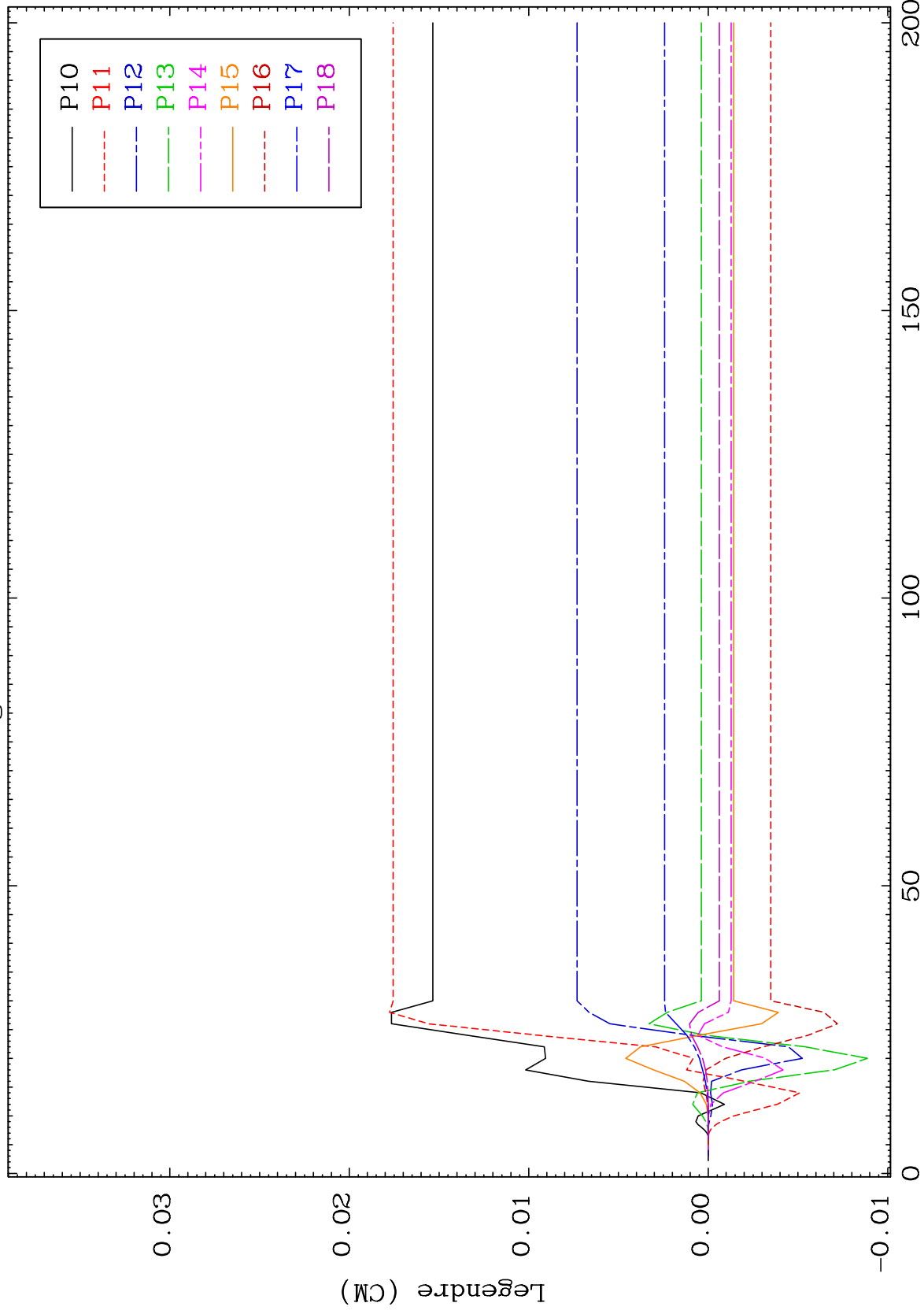
Incident Energy (MeV)

70

MAT 5728

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

57-La-139



71

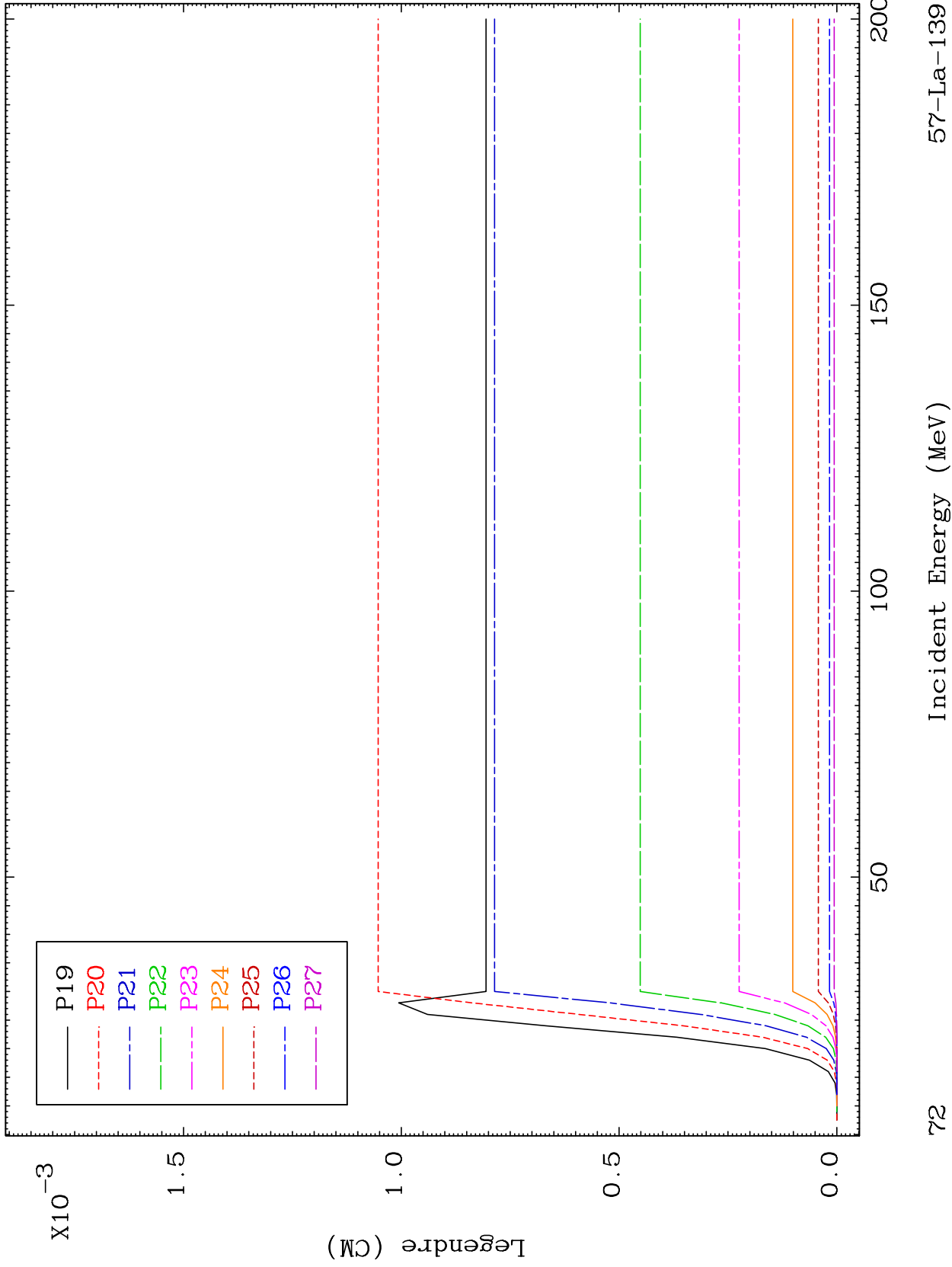
Incident Energy (MeV)

57-La-139

MAT 5728

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

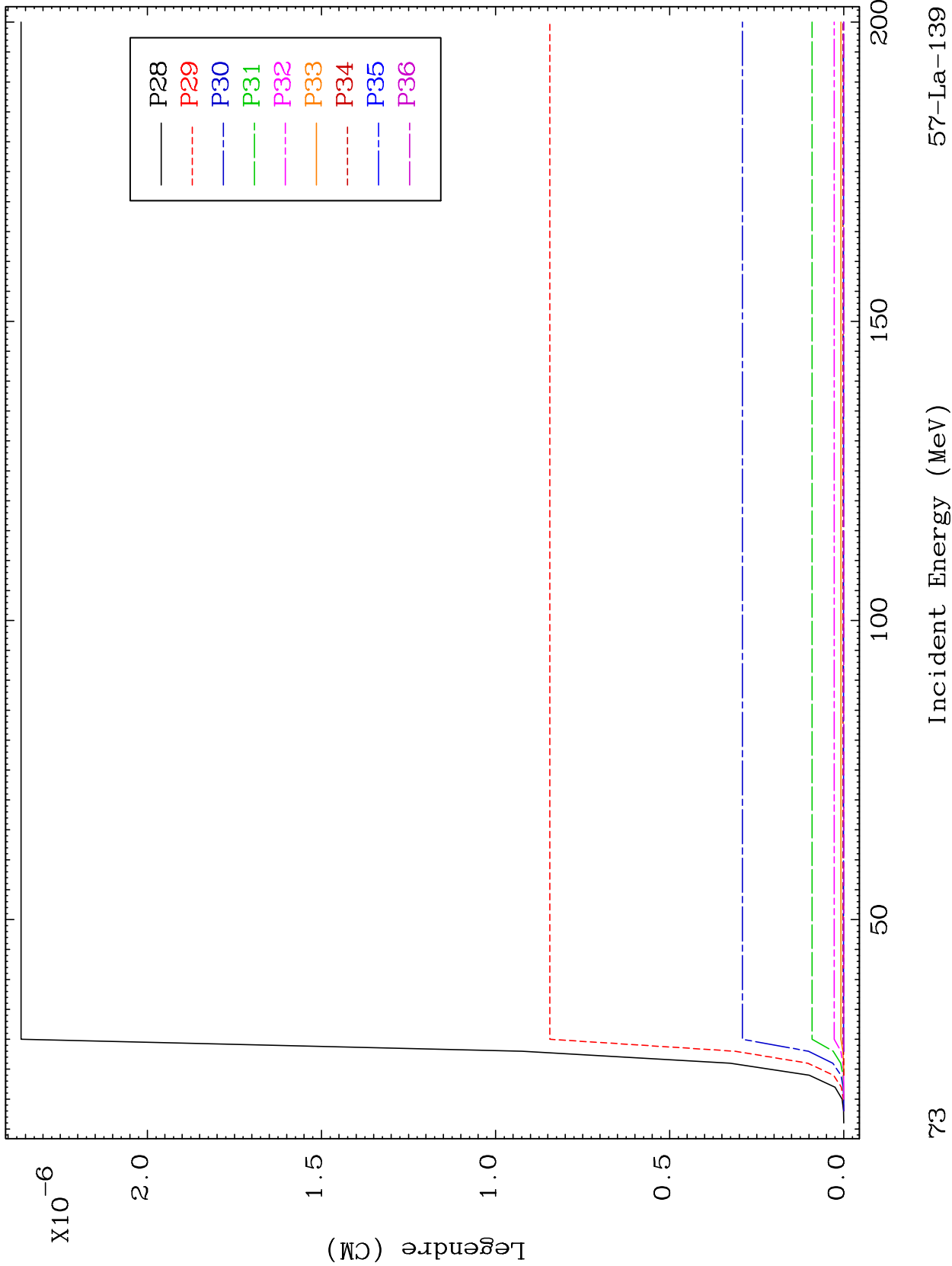
57-La-139



MAT 5728

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

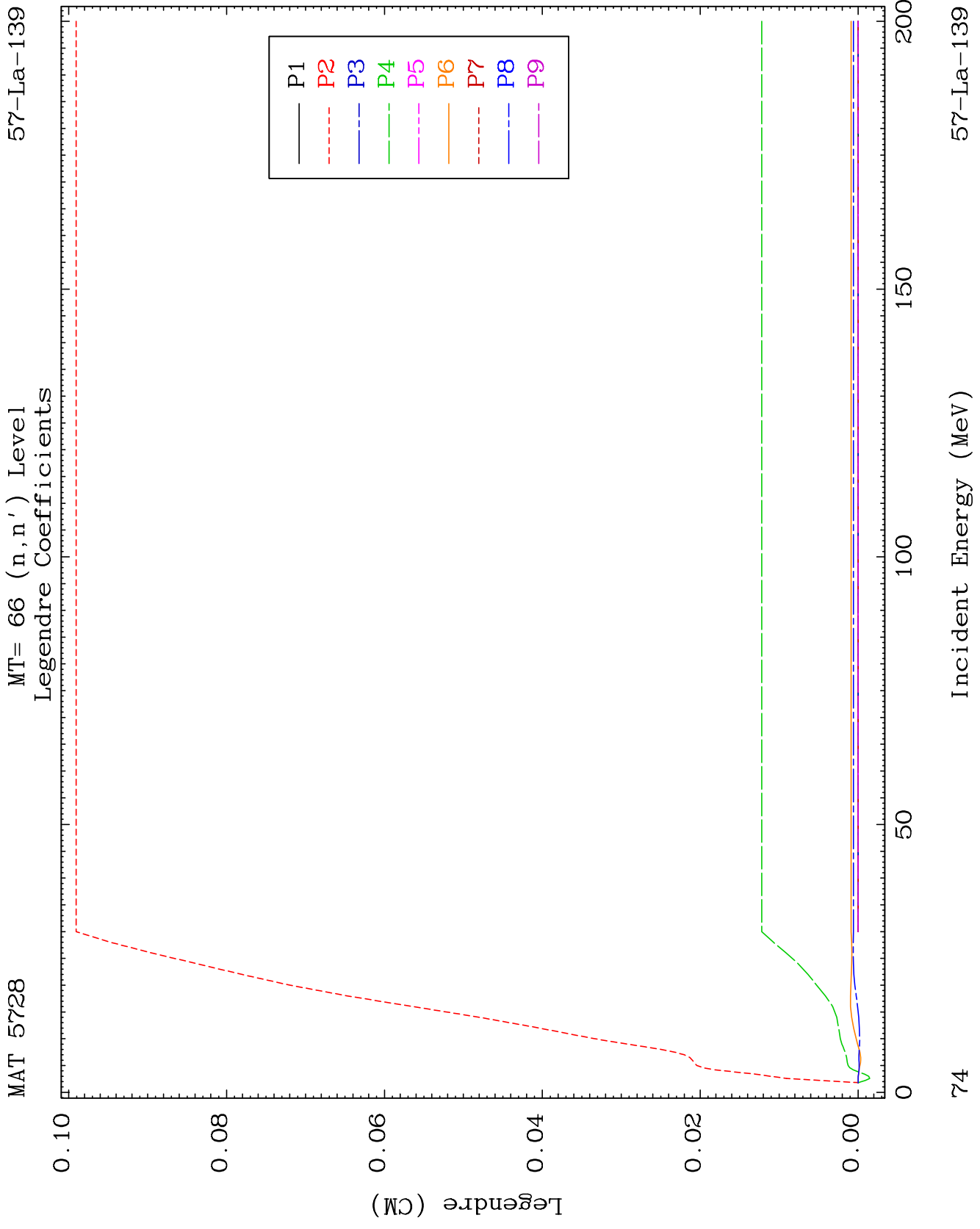
57-La-139



73

Incident Energy (MeV)

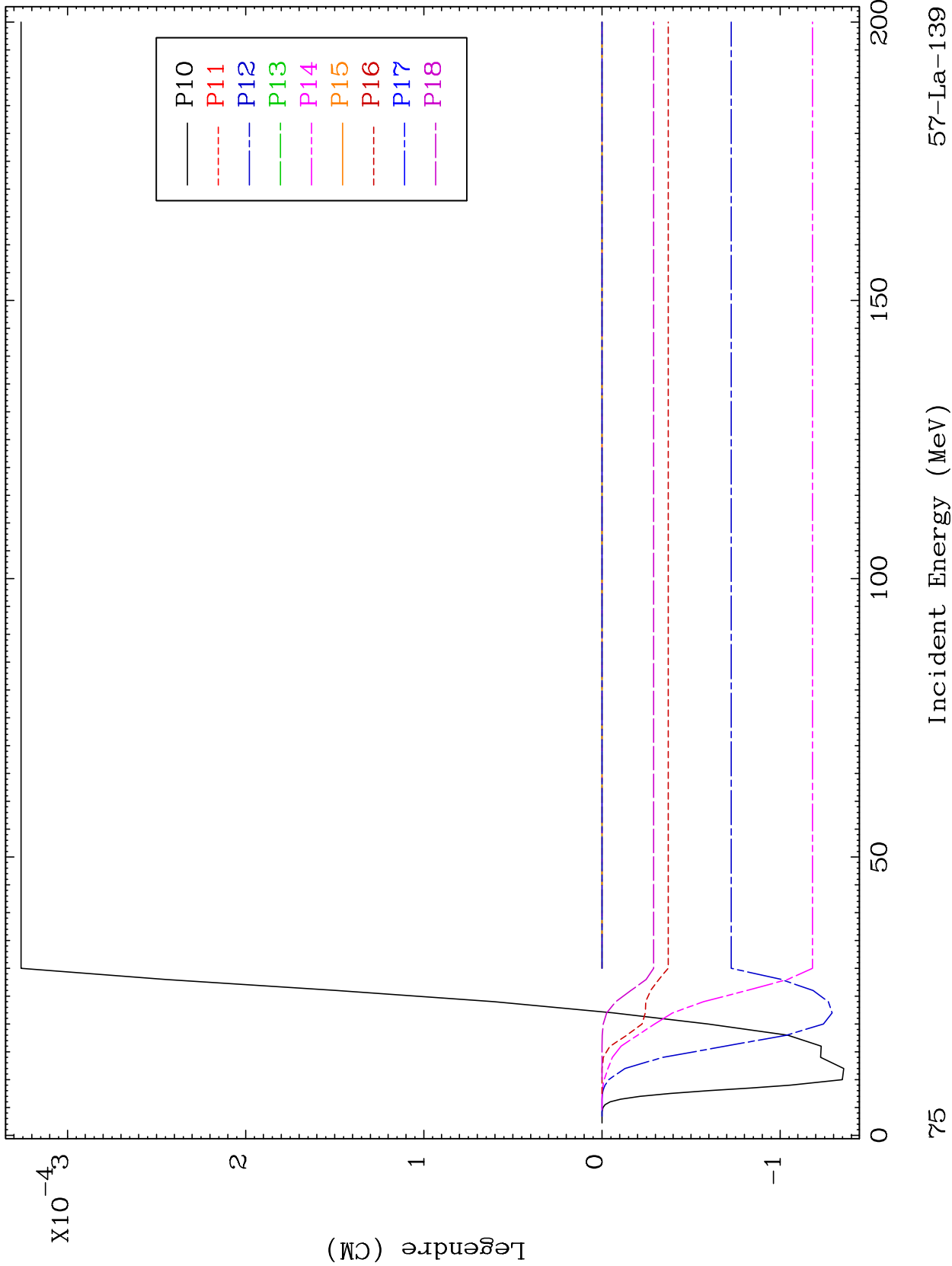
57-La-139



MAT 5728

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

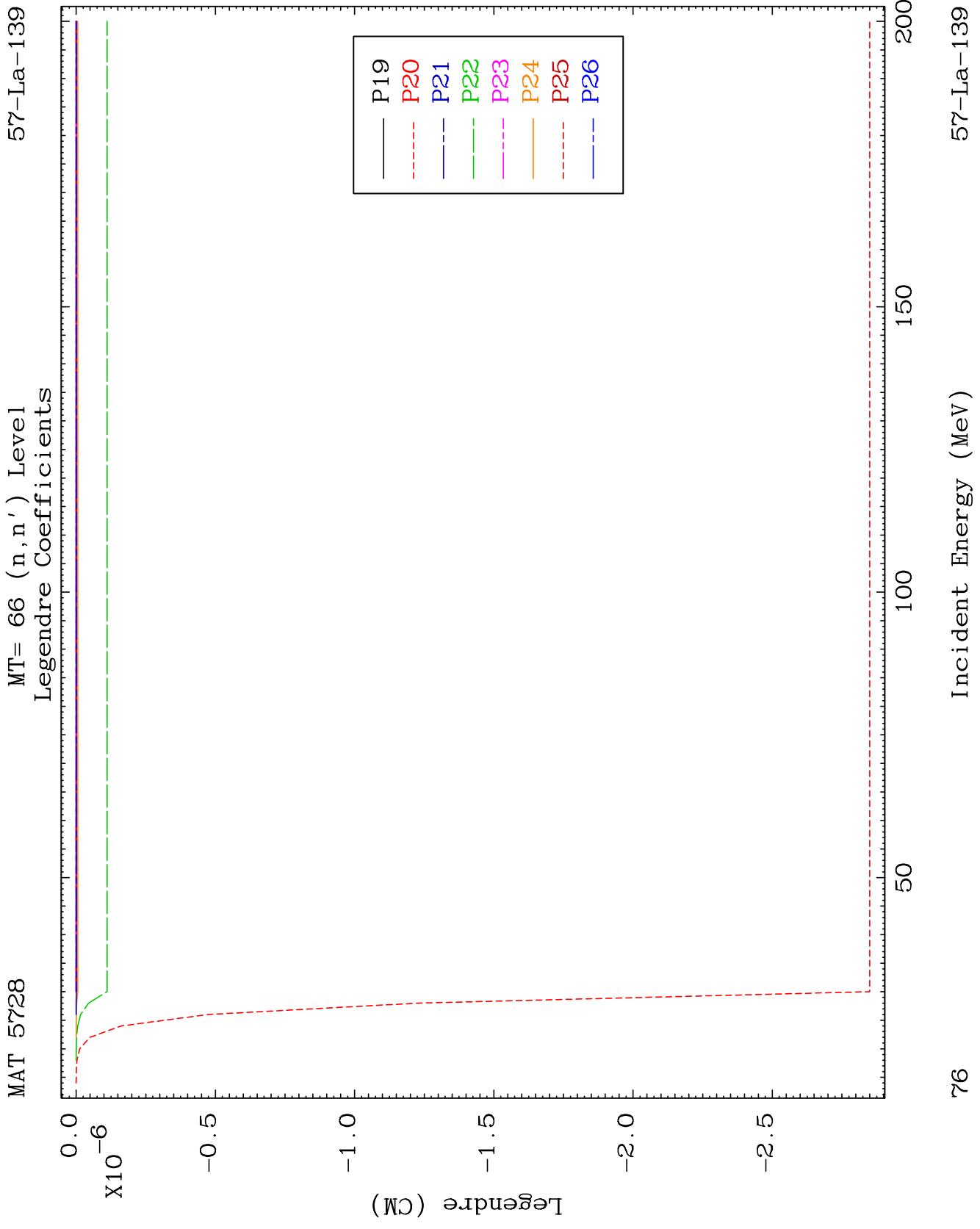
57-La-139



57-La-139

Incident Energy (MeV)

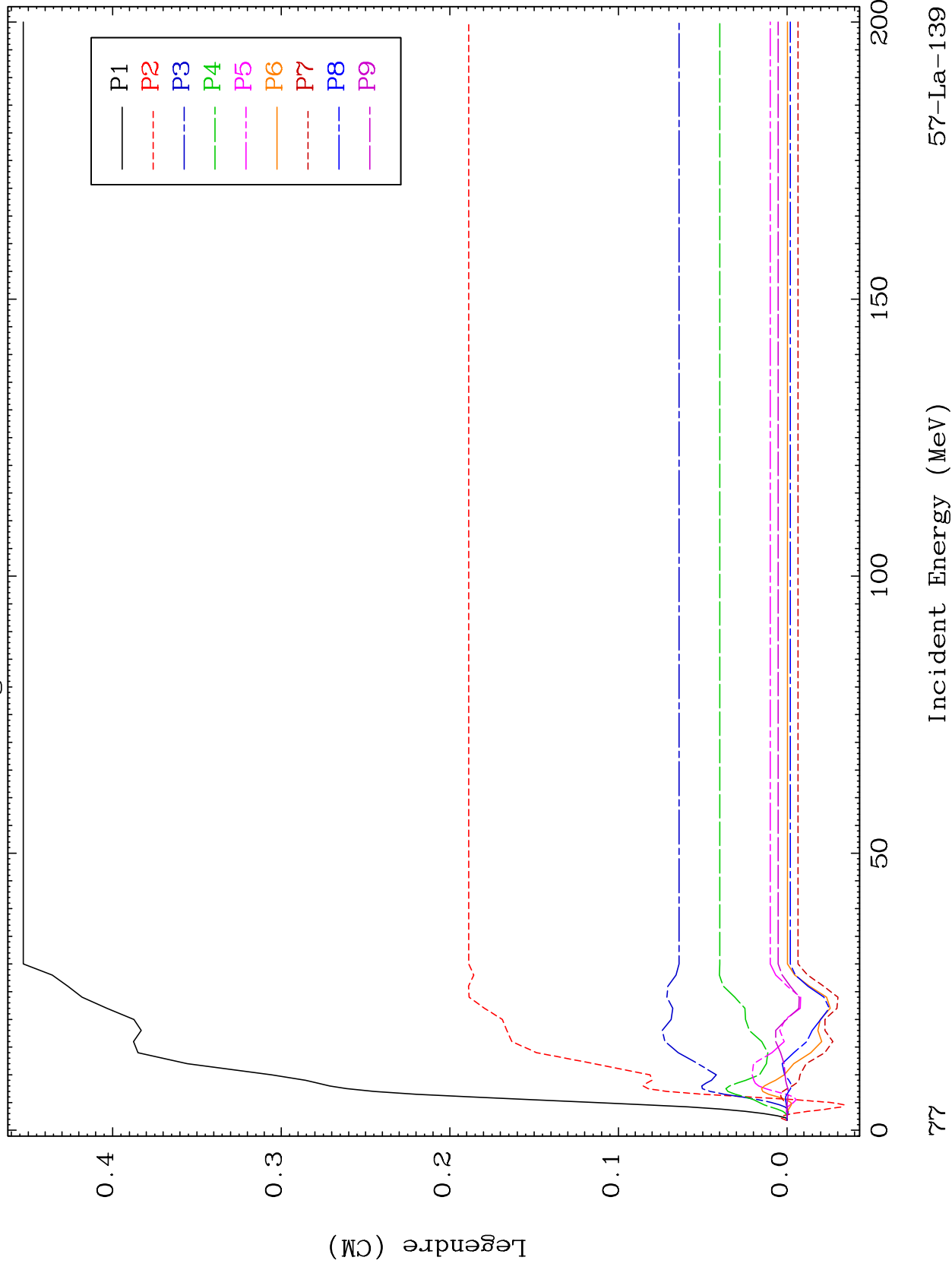
75



MAT 5728

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

57-La-139



77

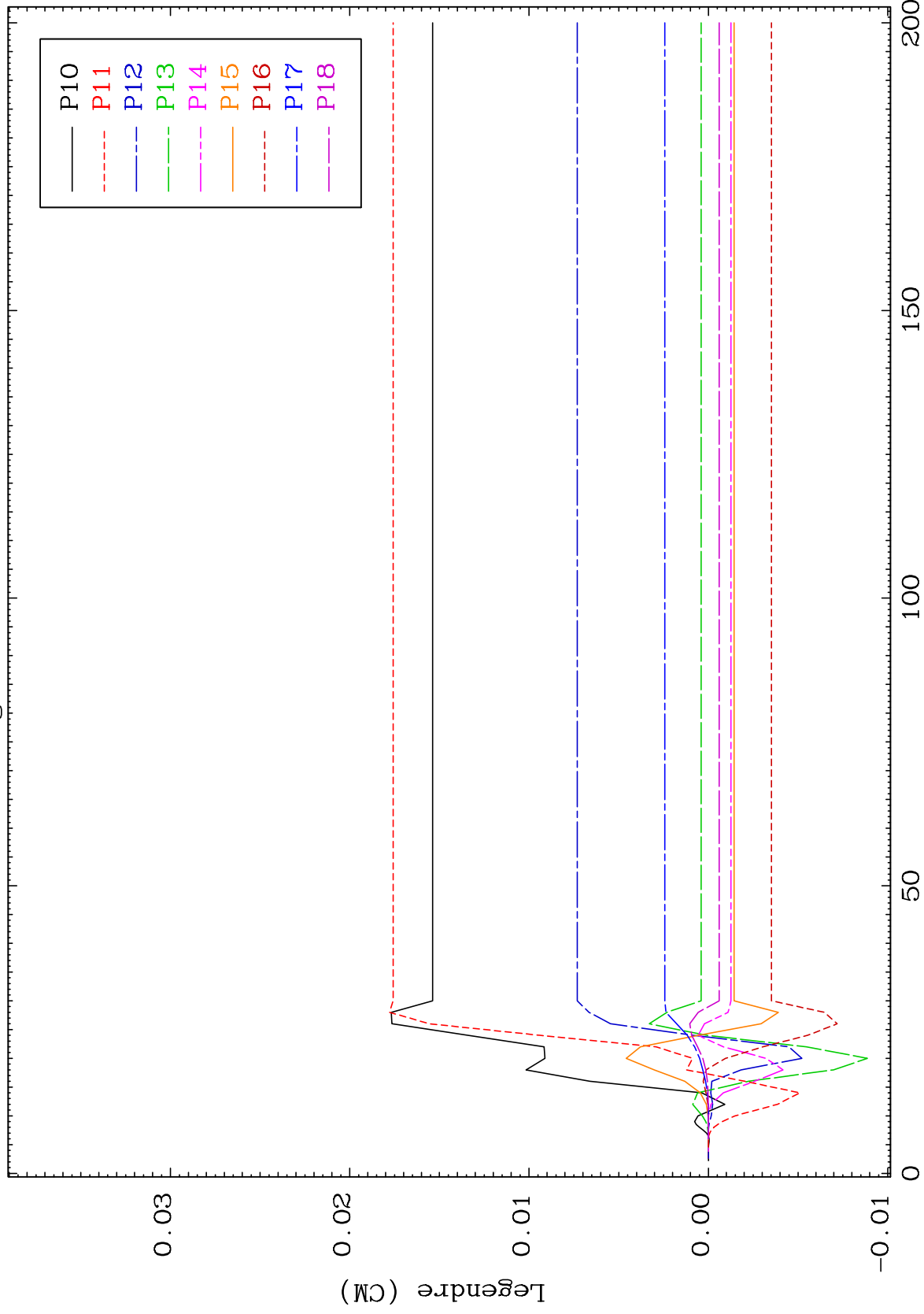
Incident Energy (MeV)

57-La-139

MAT 5728

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

57-La-139



78

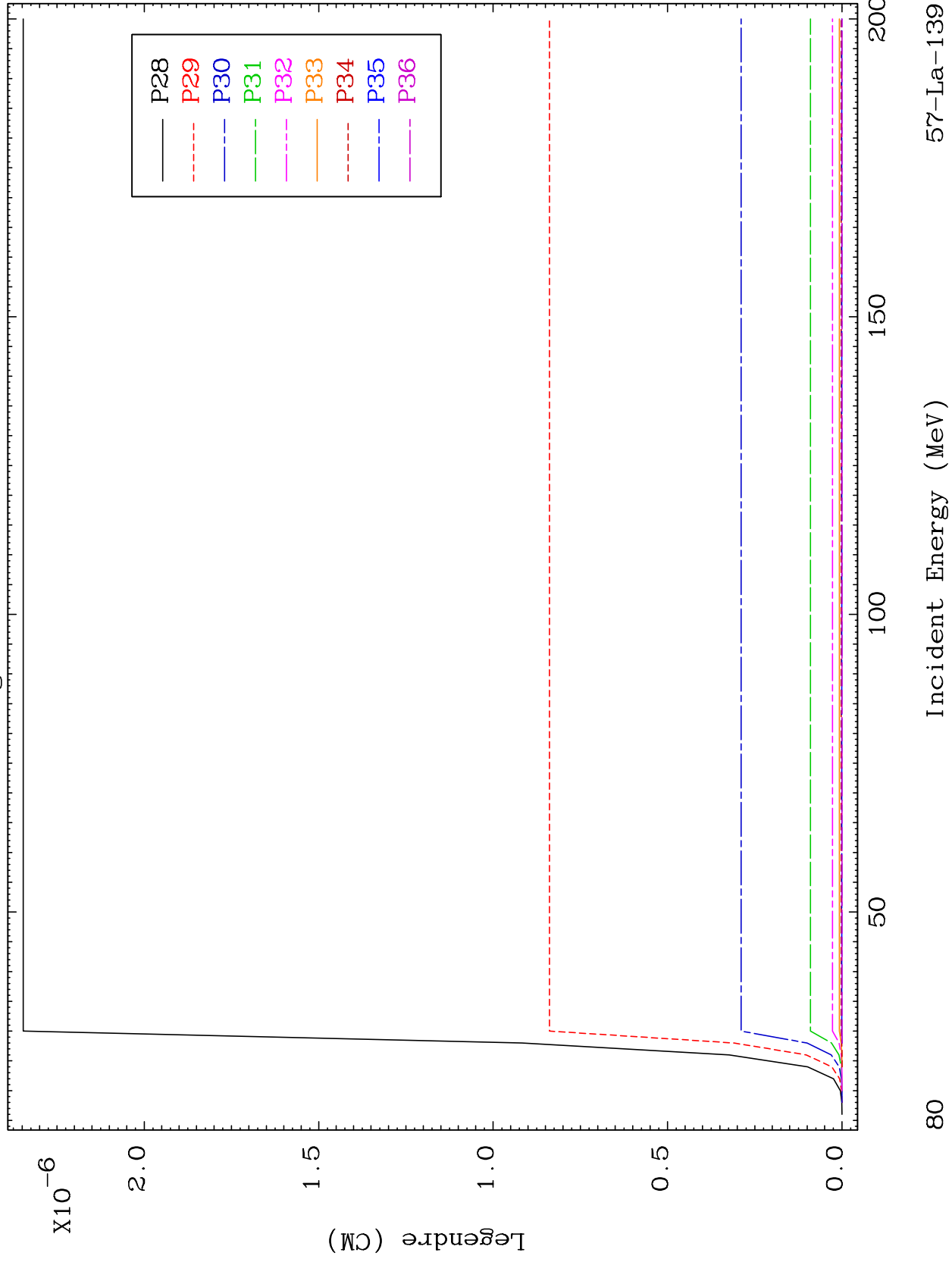
Incident Energy (MeV)

57-La-139

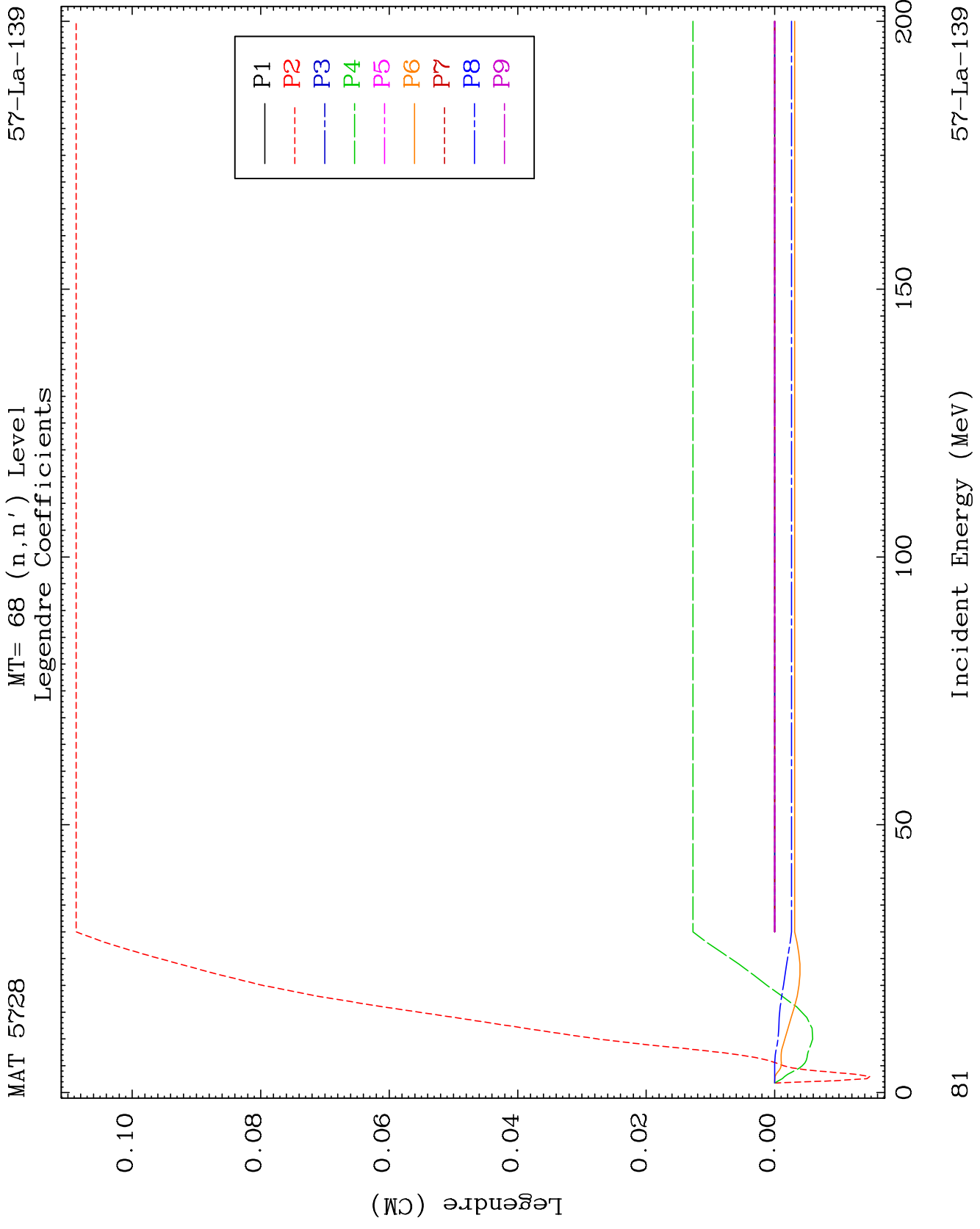
MAT 5728

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

57-La-139



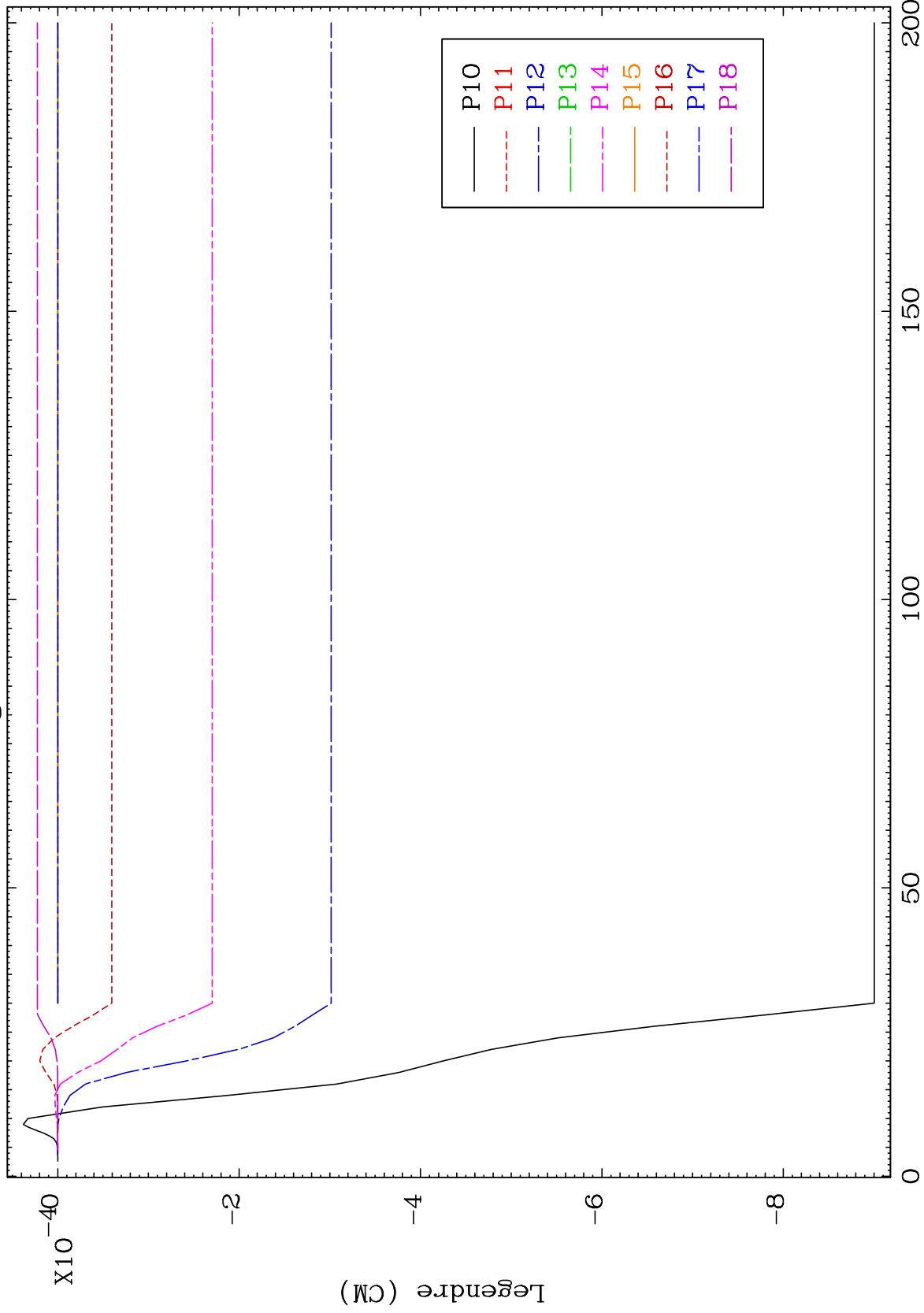
57-La-139



MAT 5728

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

57-La-139



82

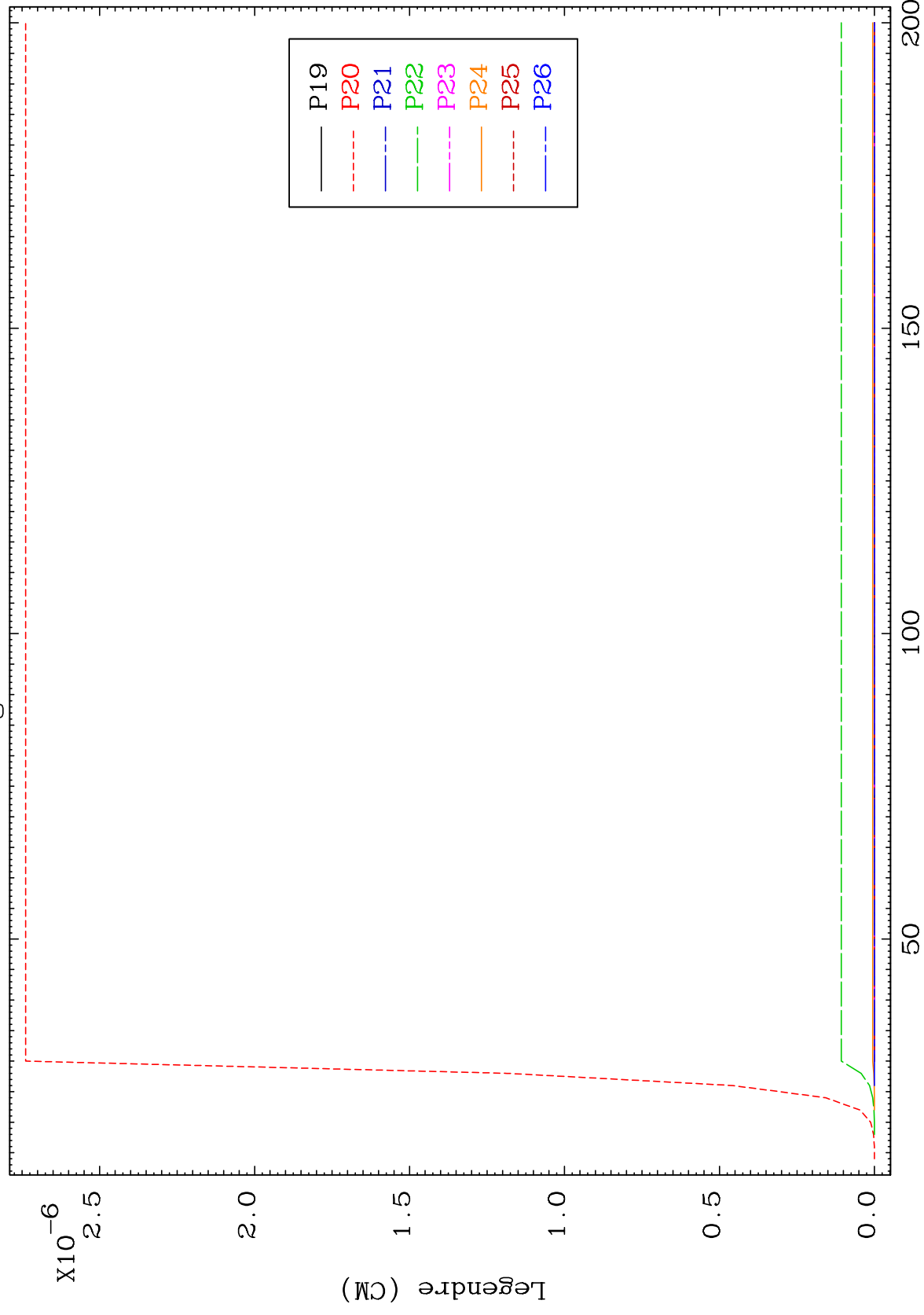
Incident Energy (MeV)

57-La-139

MAT 5728

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

57-La-139



83

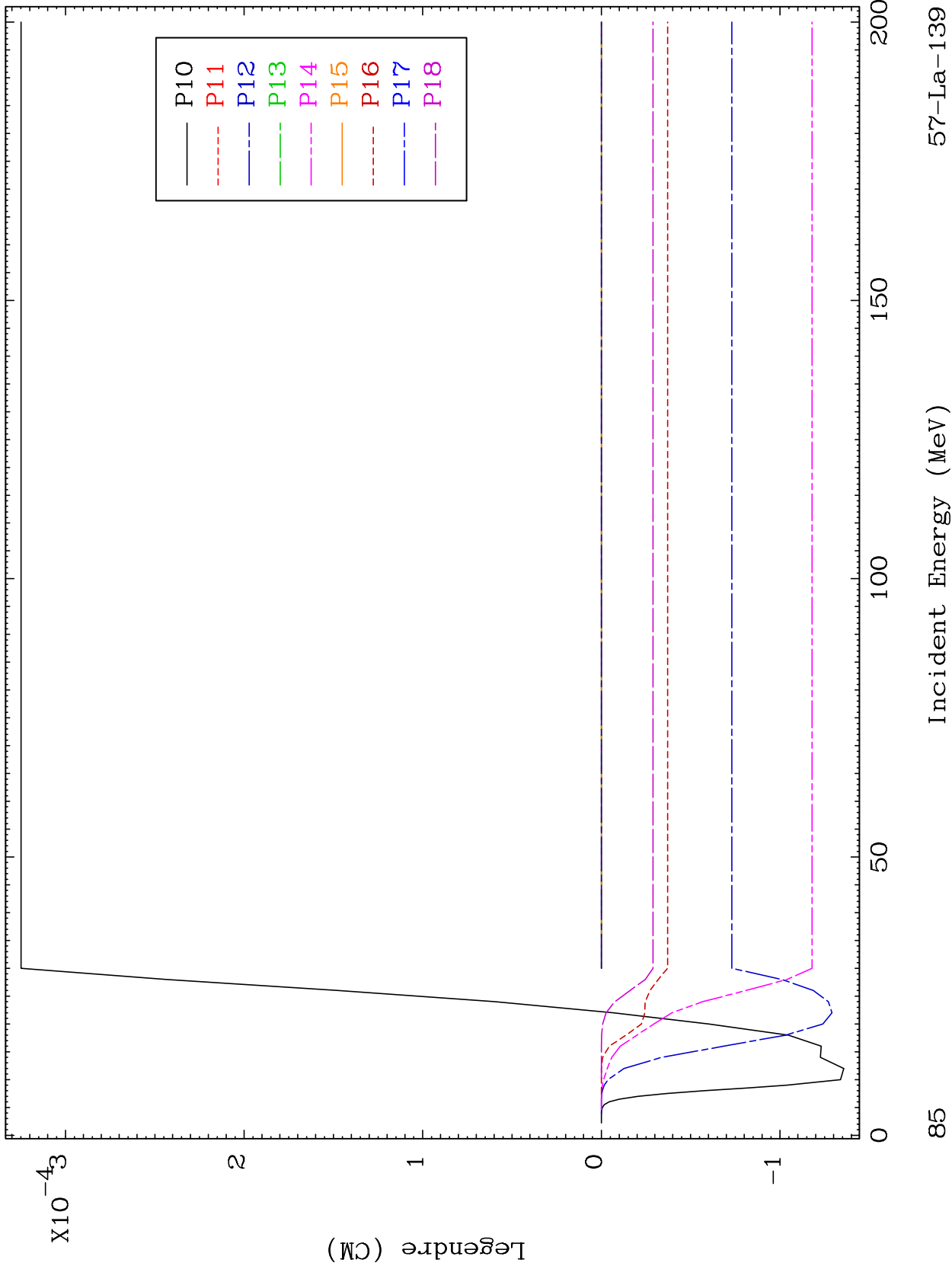
Incident Energy (MeV)

57-La-139

MAT 5728

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

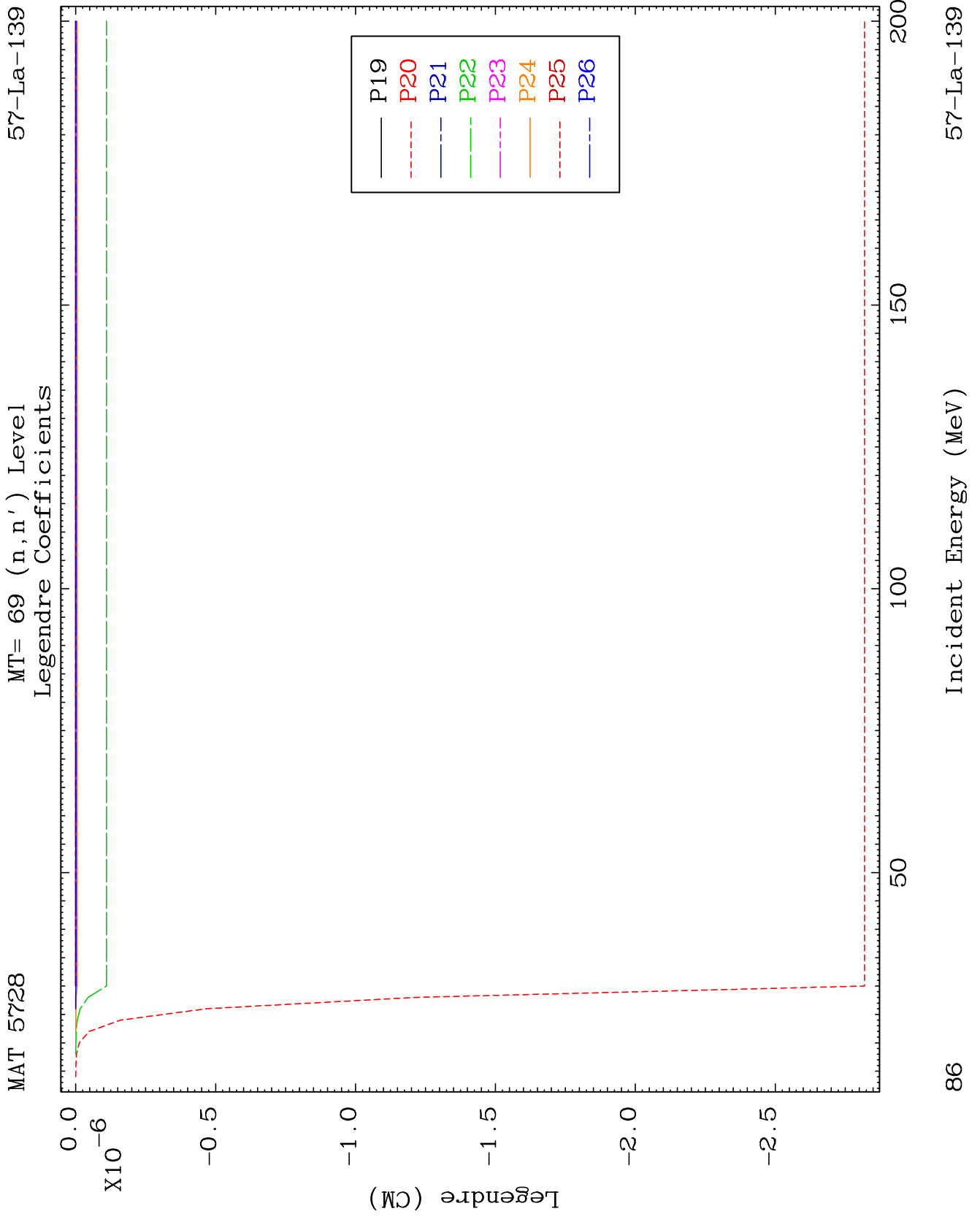
57-La-139

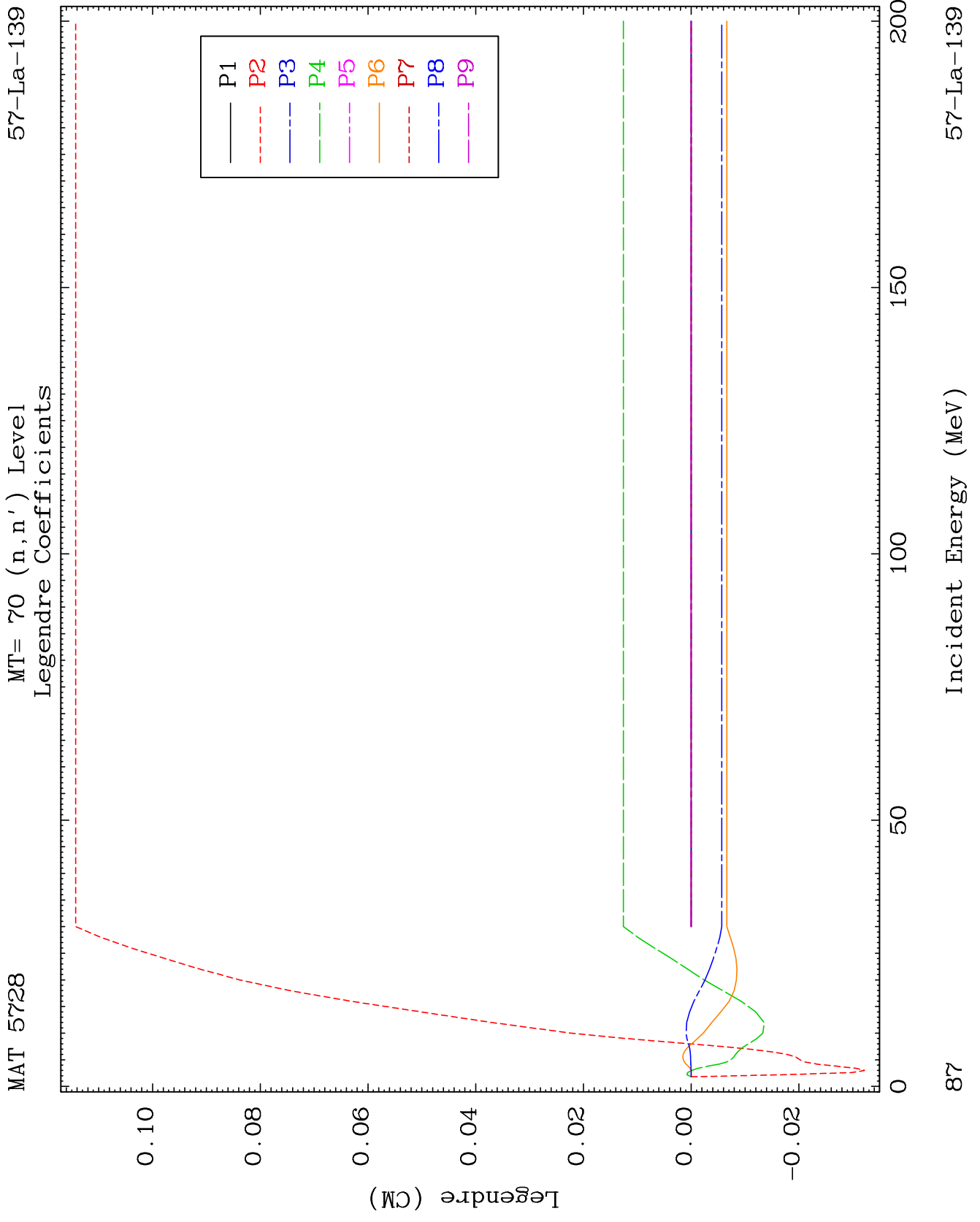


57-La-139

Incident Energy (MeV)

85

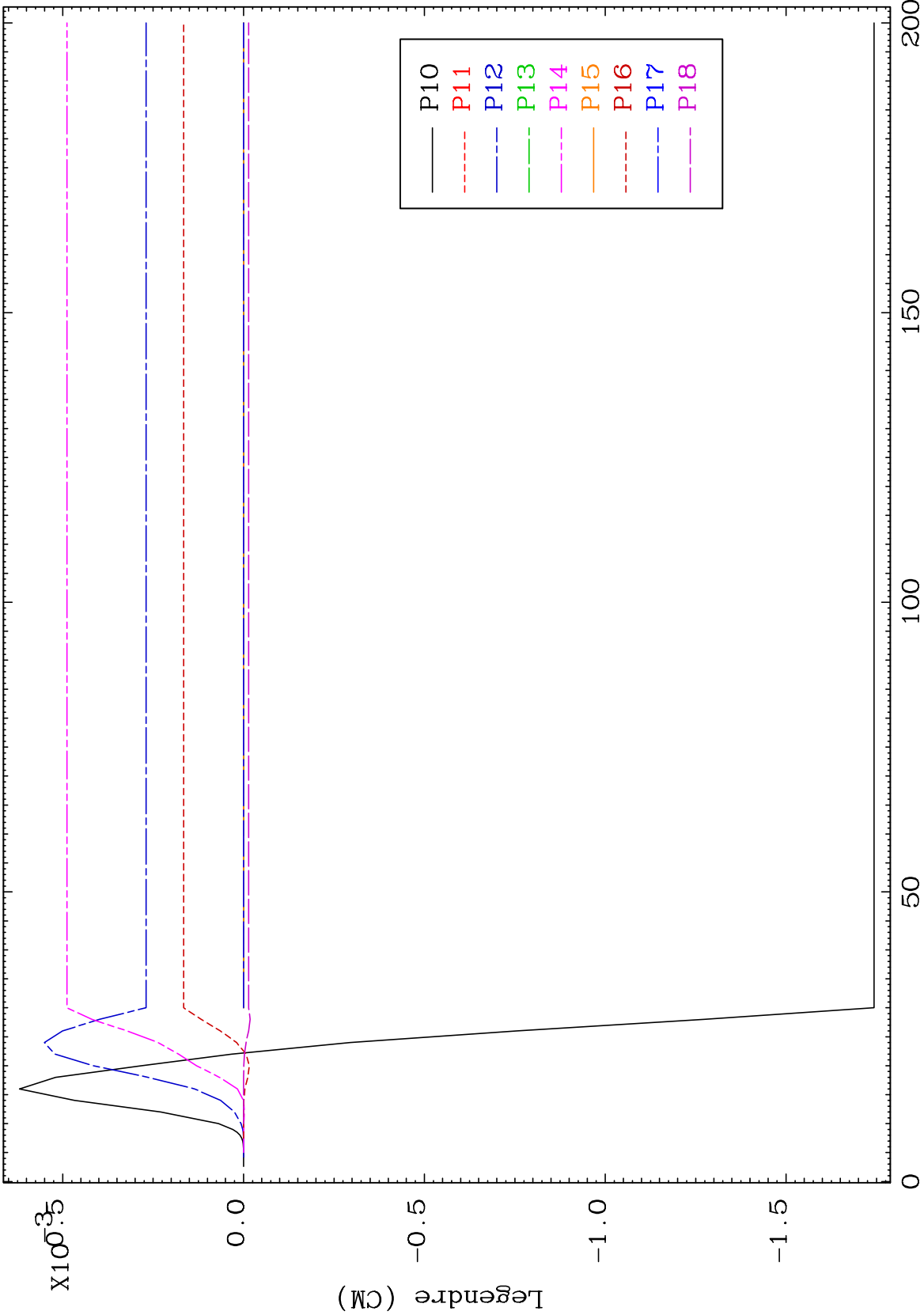




MAT 5728

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

57-La-139



88

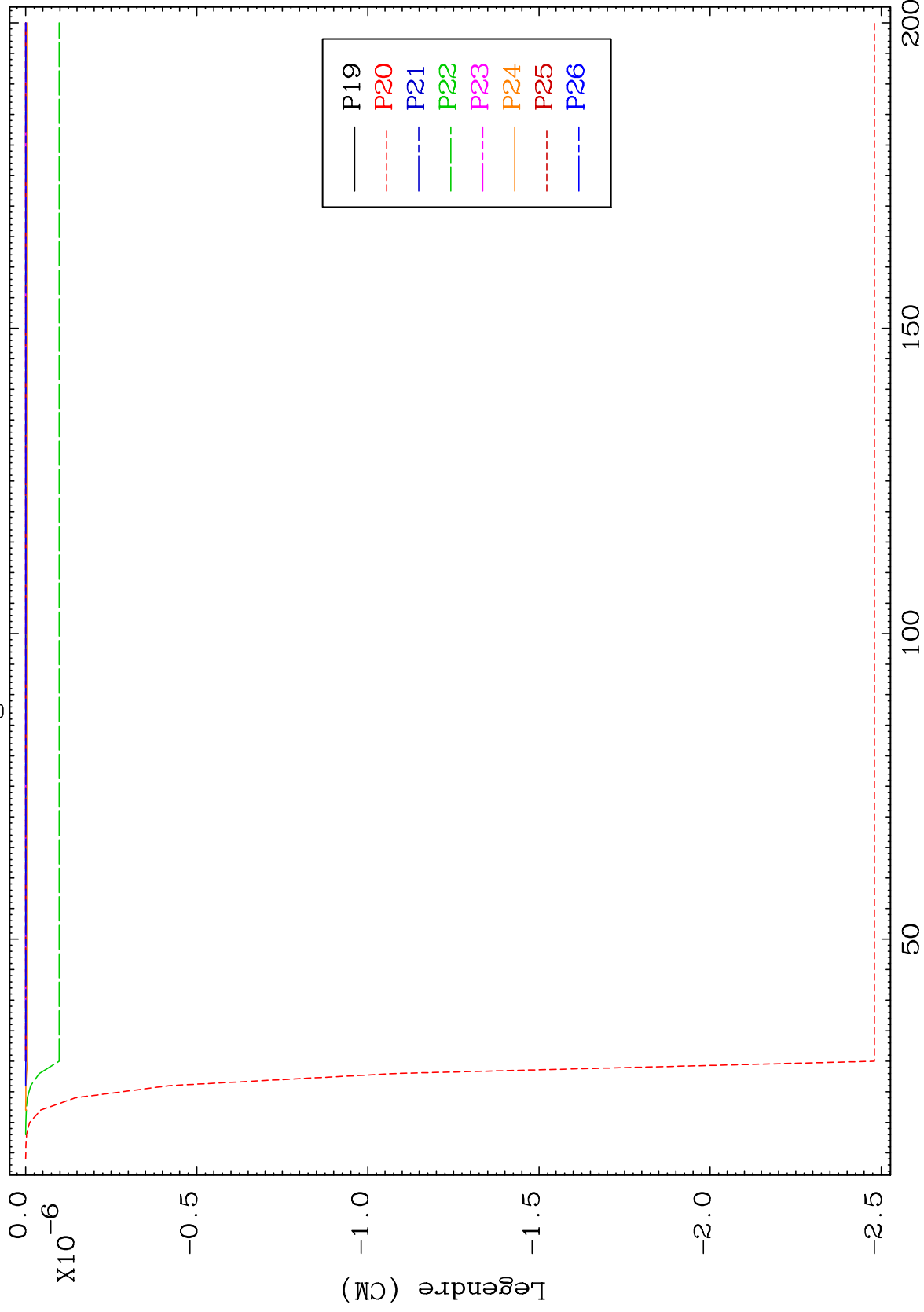
Incident Energy (MeV)

57-La-139

MAT 5728

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

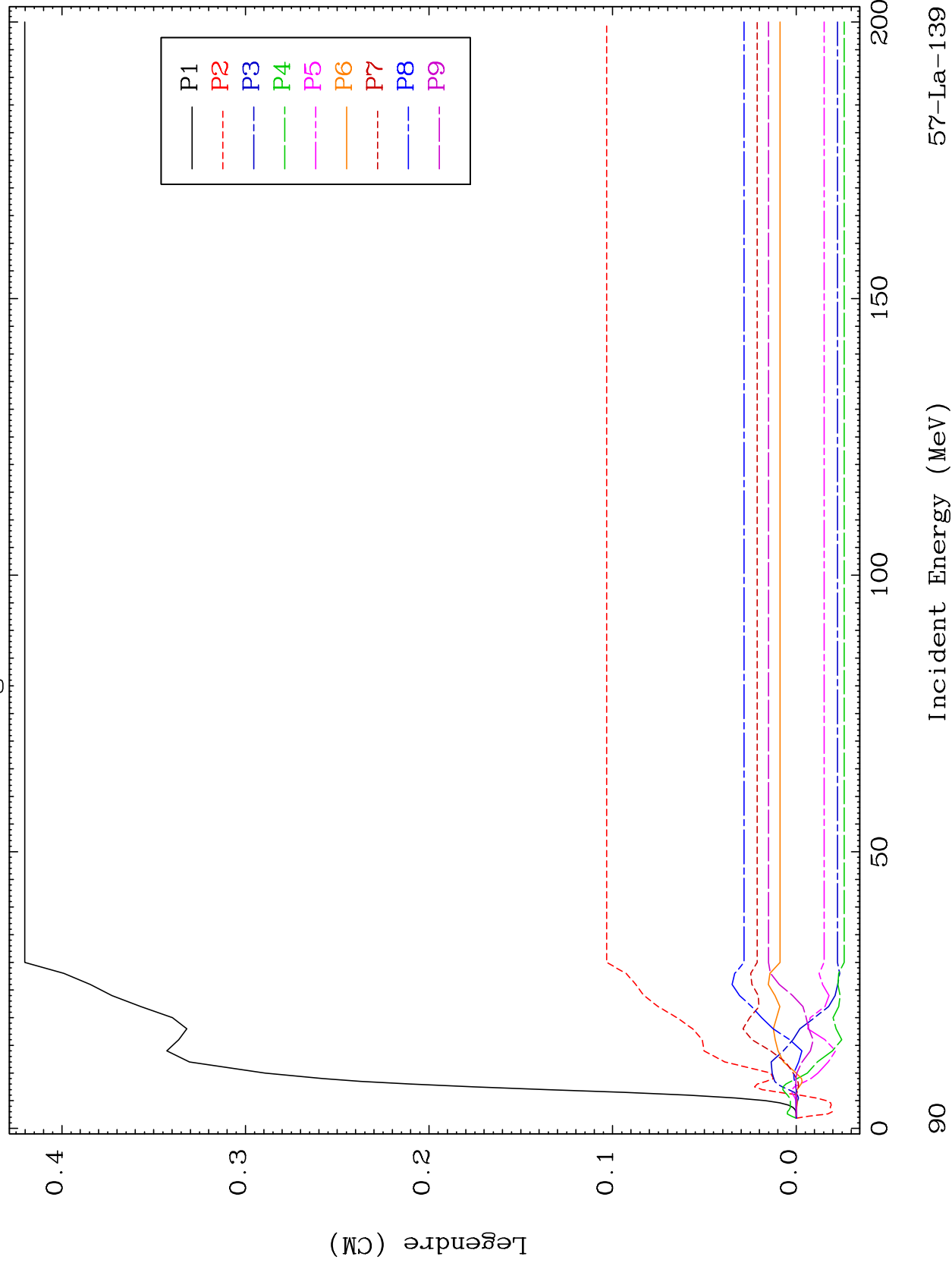
57-La-139



MAT 5728

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

57-La-139



57-La-139

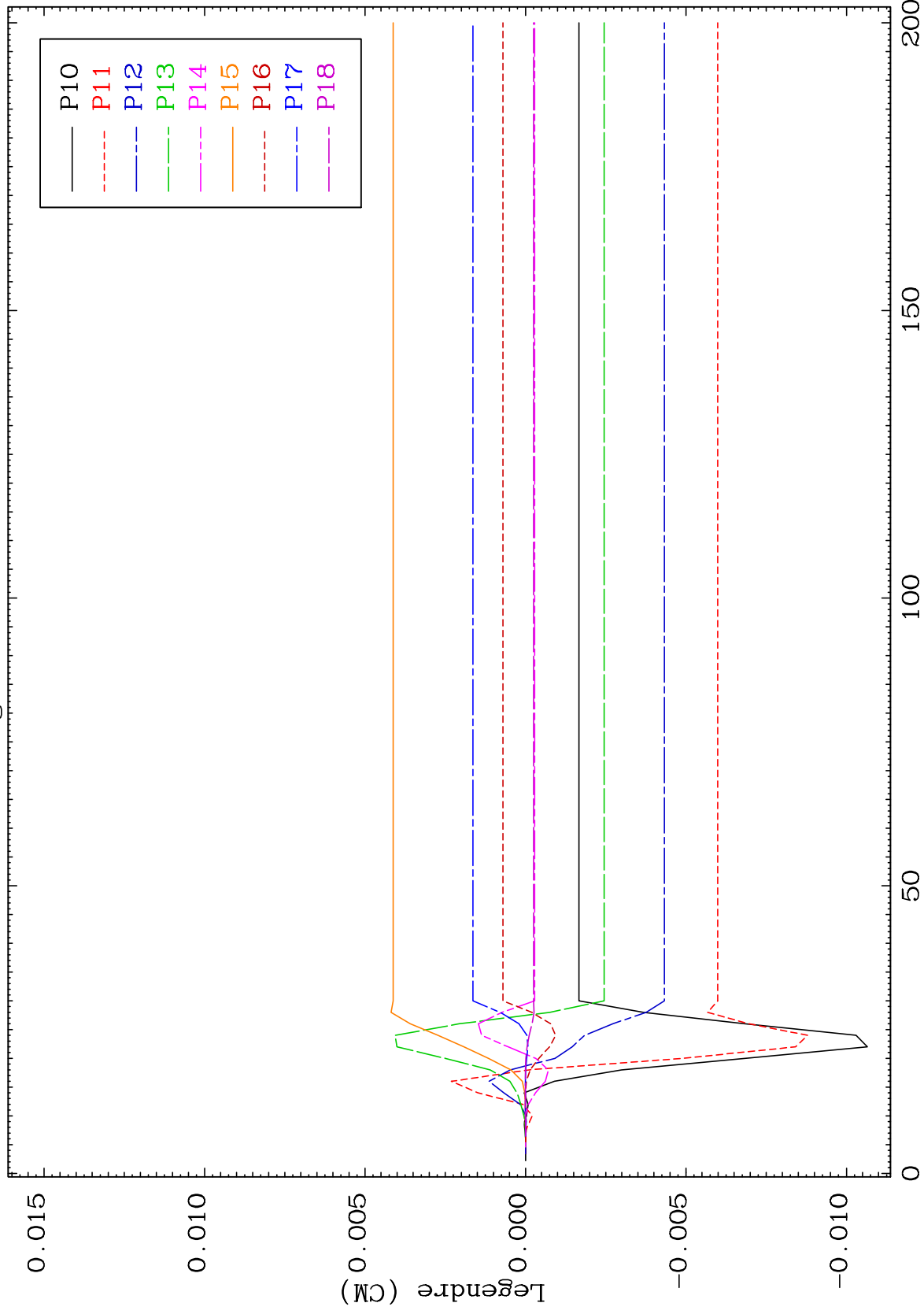
Incident Energy (MeV)

90

MAT 5728

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

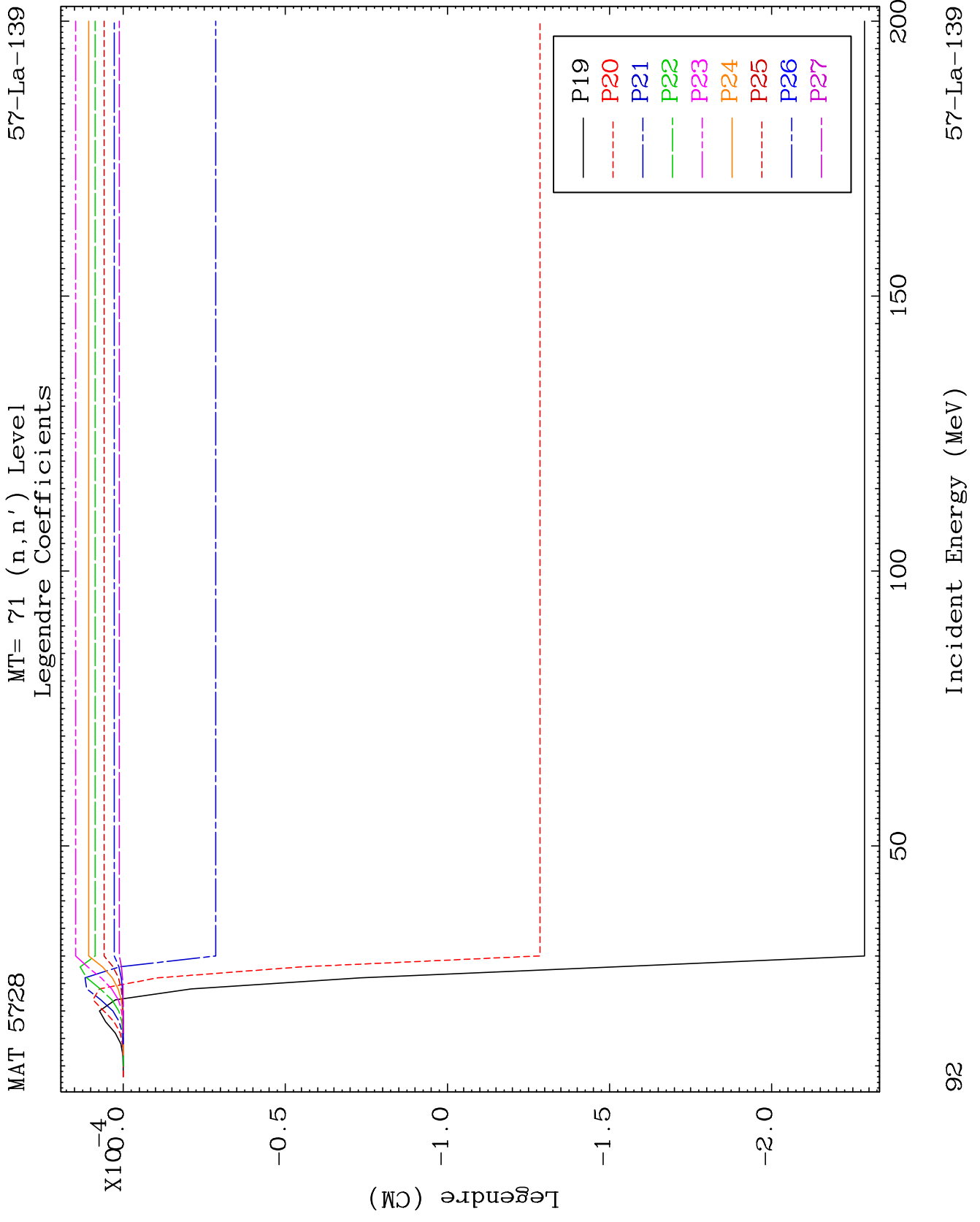
57-La-139



91

Incident Energy (MeV)

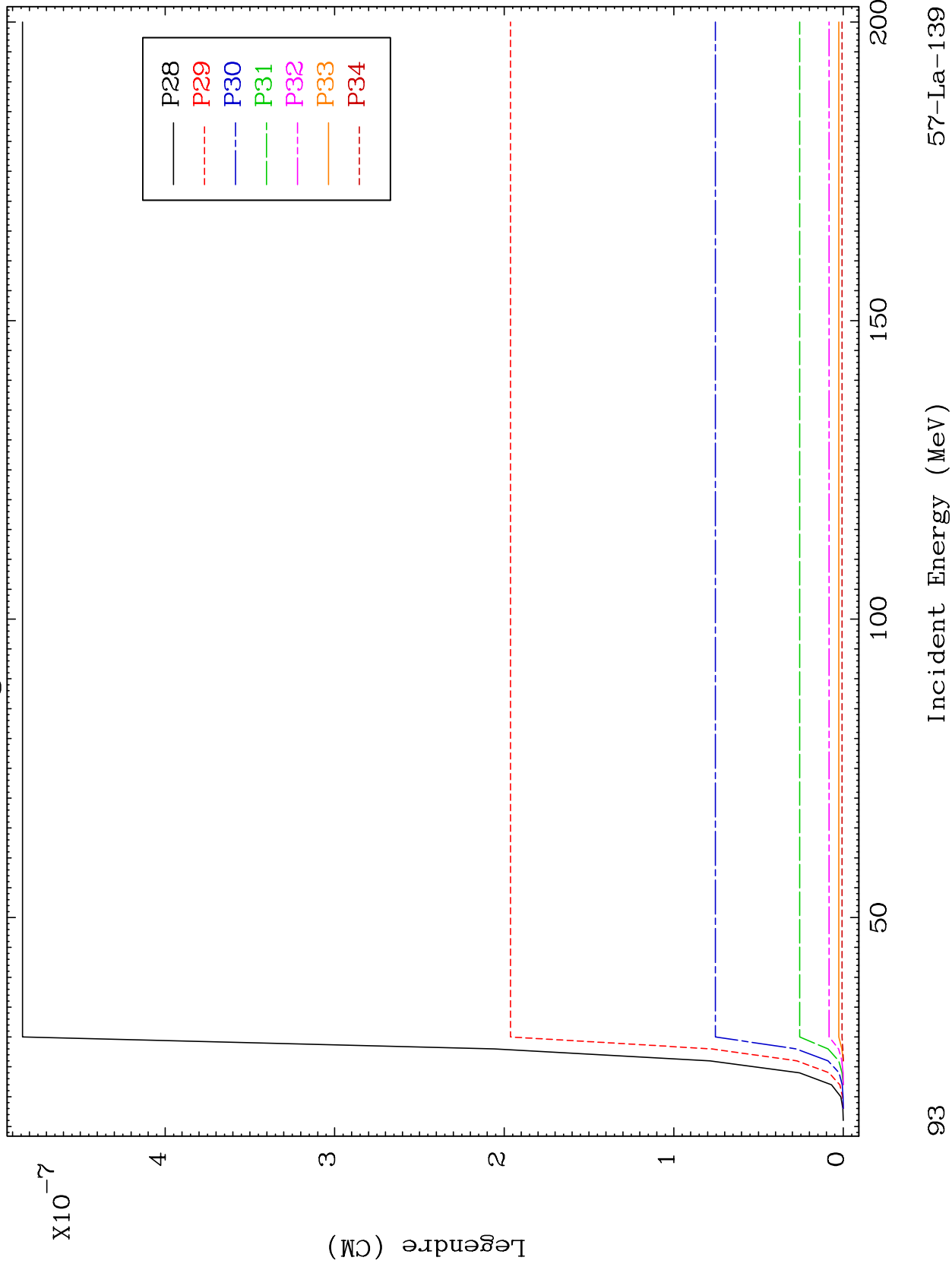
57-La-139



MAT 5728

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

57-La-139

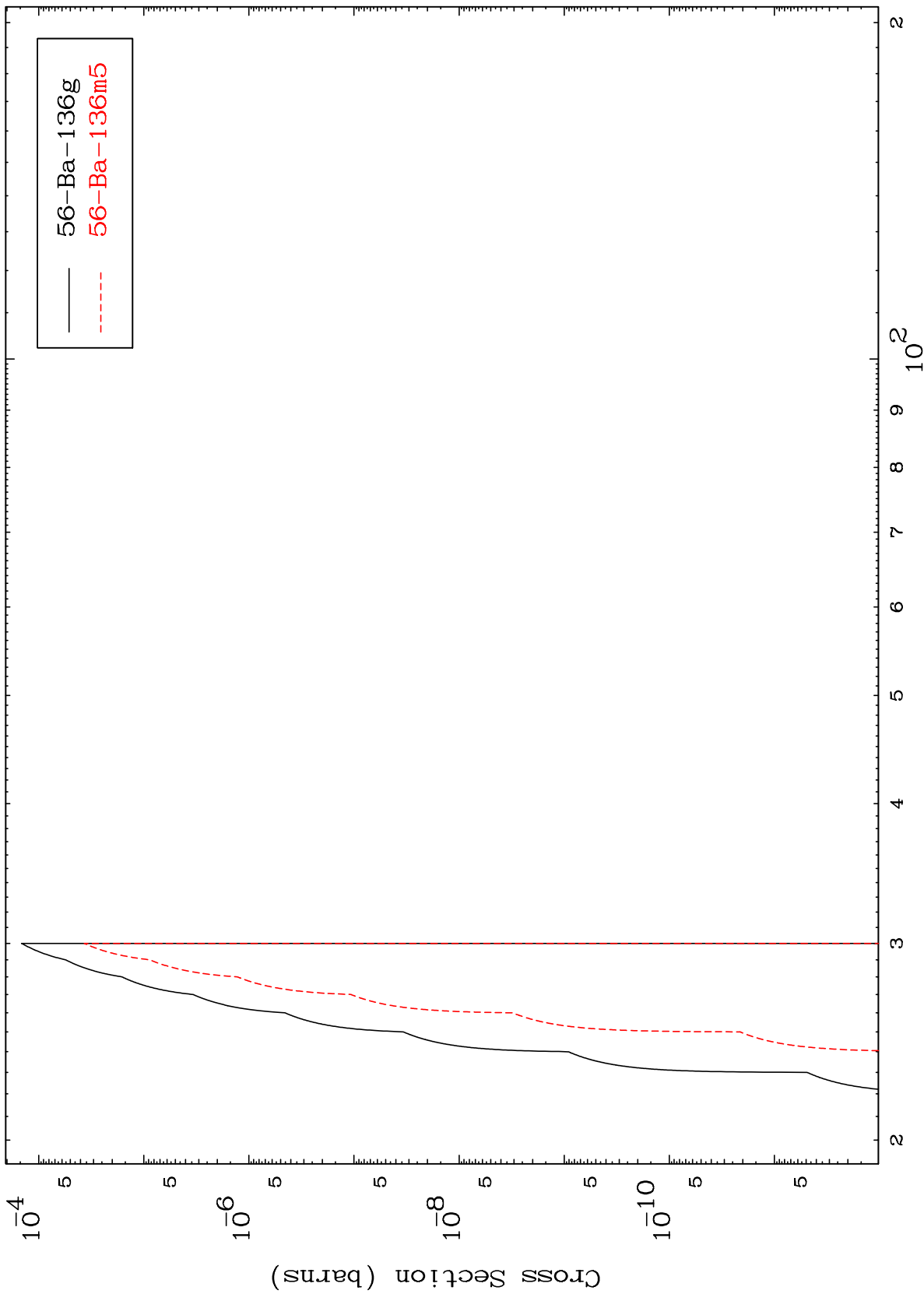


MAT 5728

(n,2n) d

57-La-139

Radionuclide Production Cross Section



94

Incident Energy (MeV)

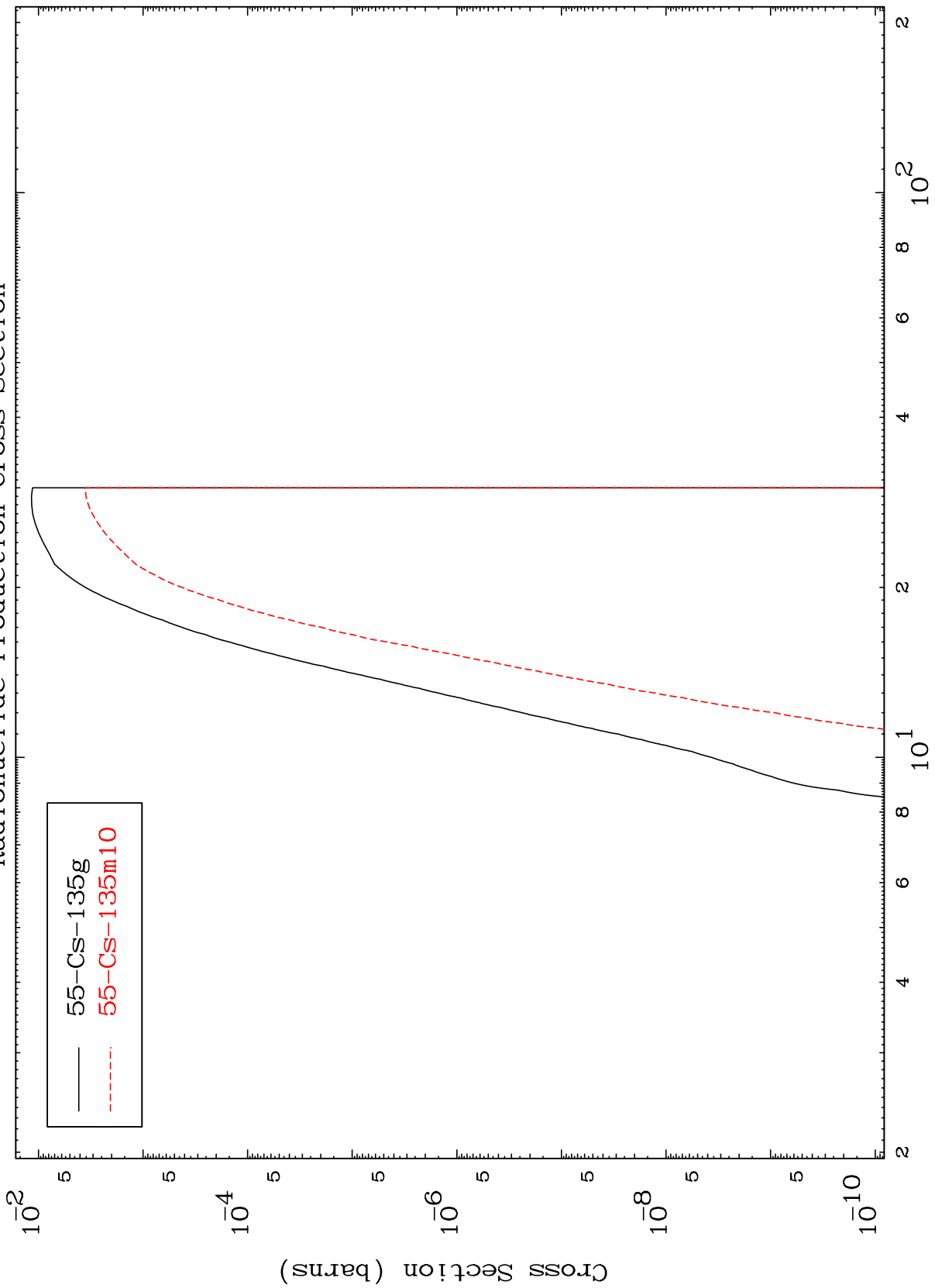
57-La-139

MAT 5728

57-La-139

(n,n') α

Radionuclide Production Cross Section



95

Incident Energy (MeV)

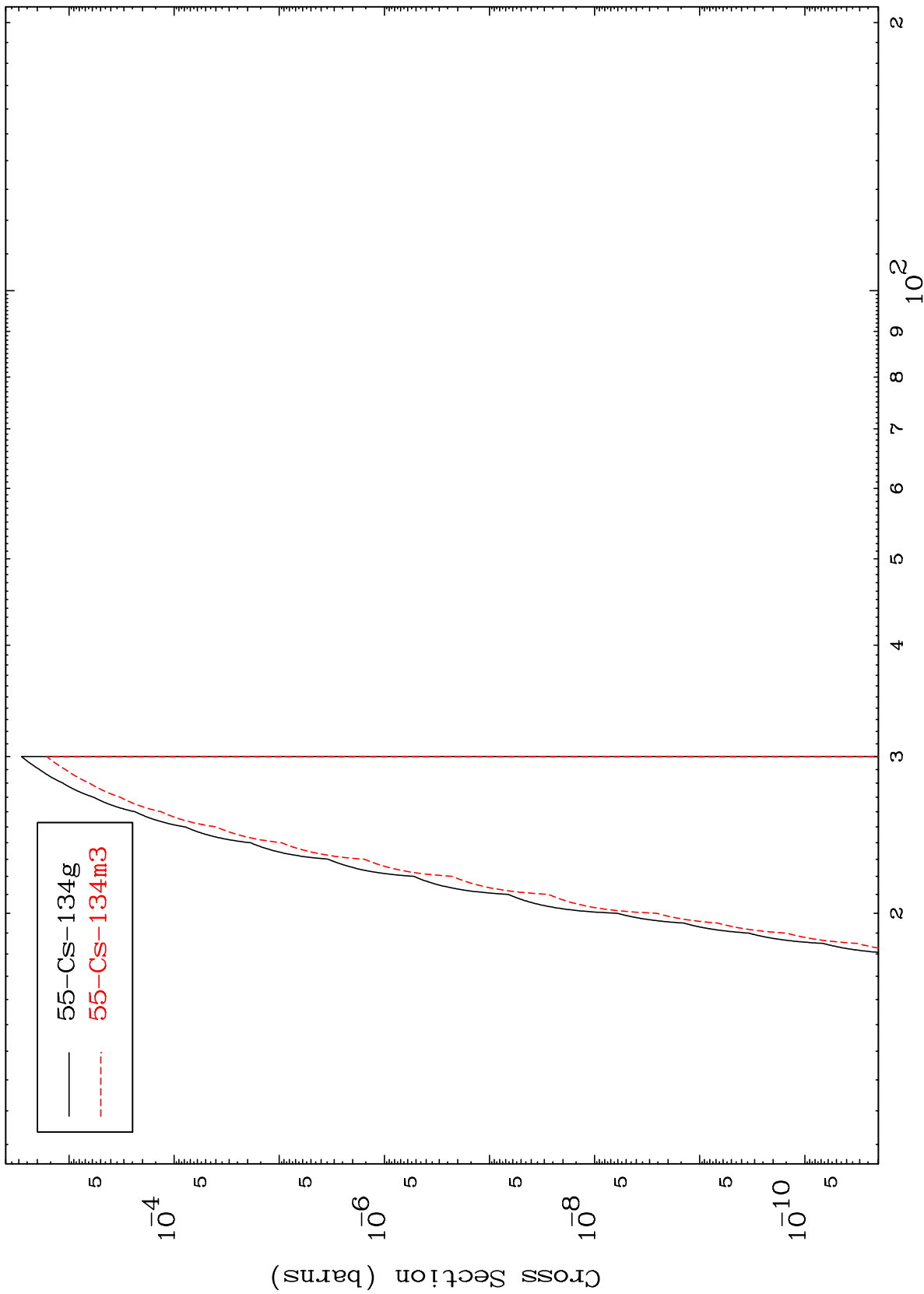
57-La-139

MAT 5728

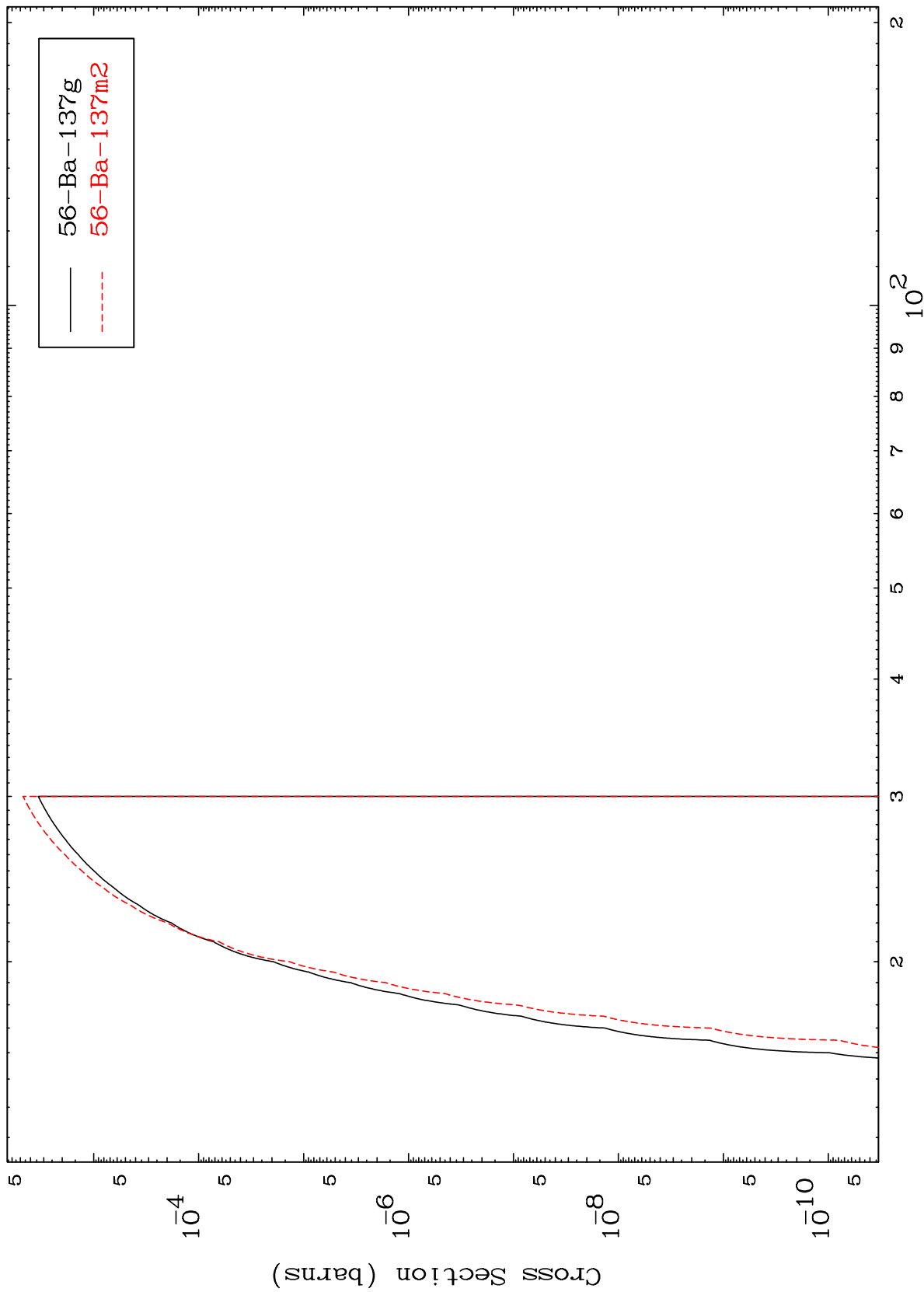
(n,2n) α

57-La-139

Radionuclide Production Cross Section



Radionuclide Production Cross Section

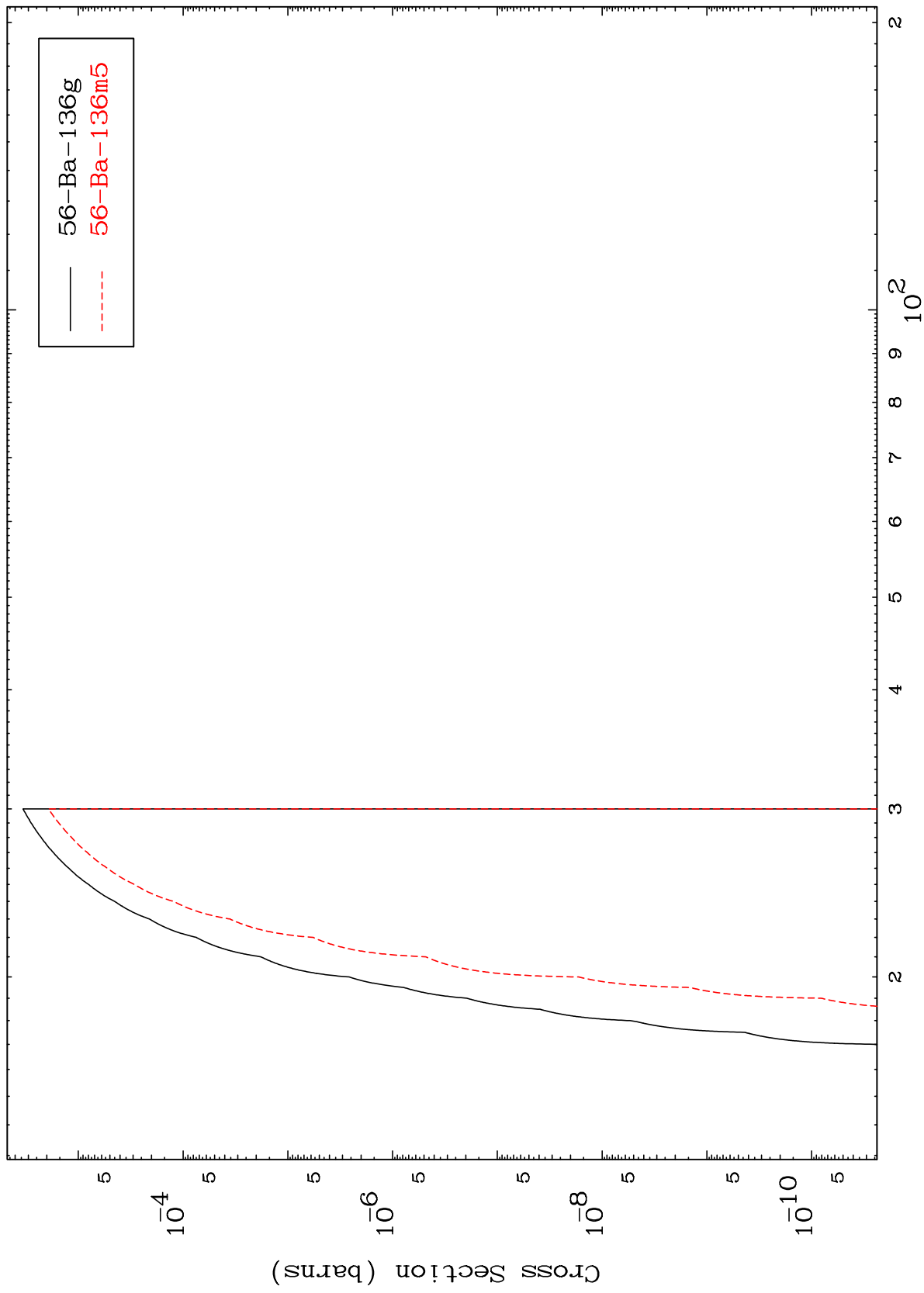


MAT 5728

(n,n') t

57-La-139

Radionuclide Production Cross Section



98

Incident Energy (MeV)

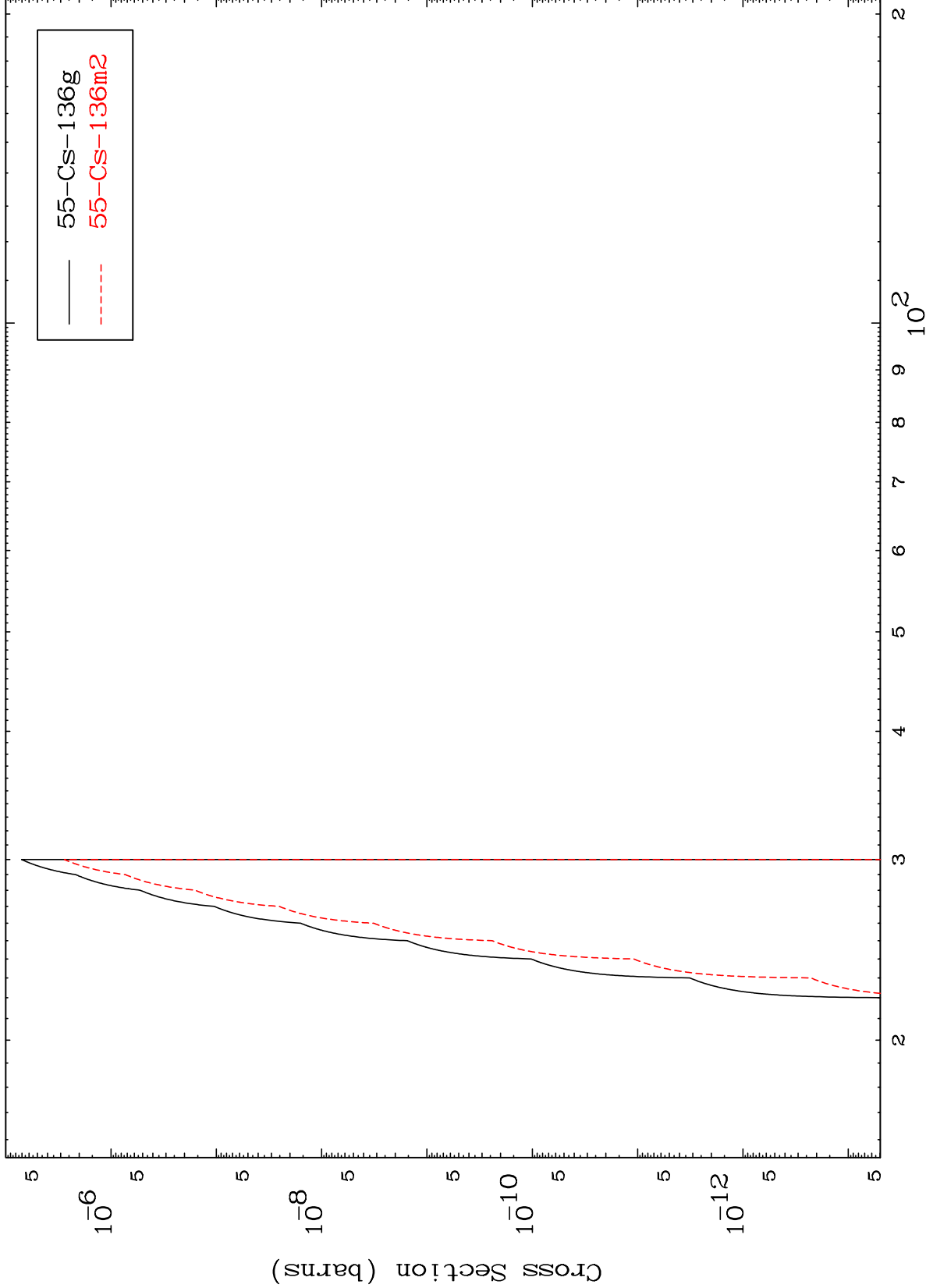
57-La-139

MAT 5728

(n,n') He-3

57-La-139

Radionuclide Production Cross Section



55-Cs-136g
55-Cs-136m2

99

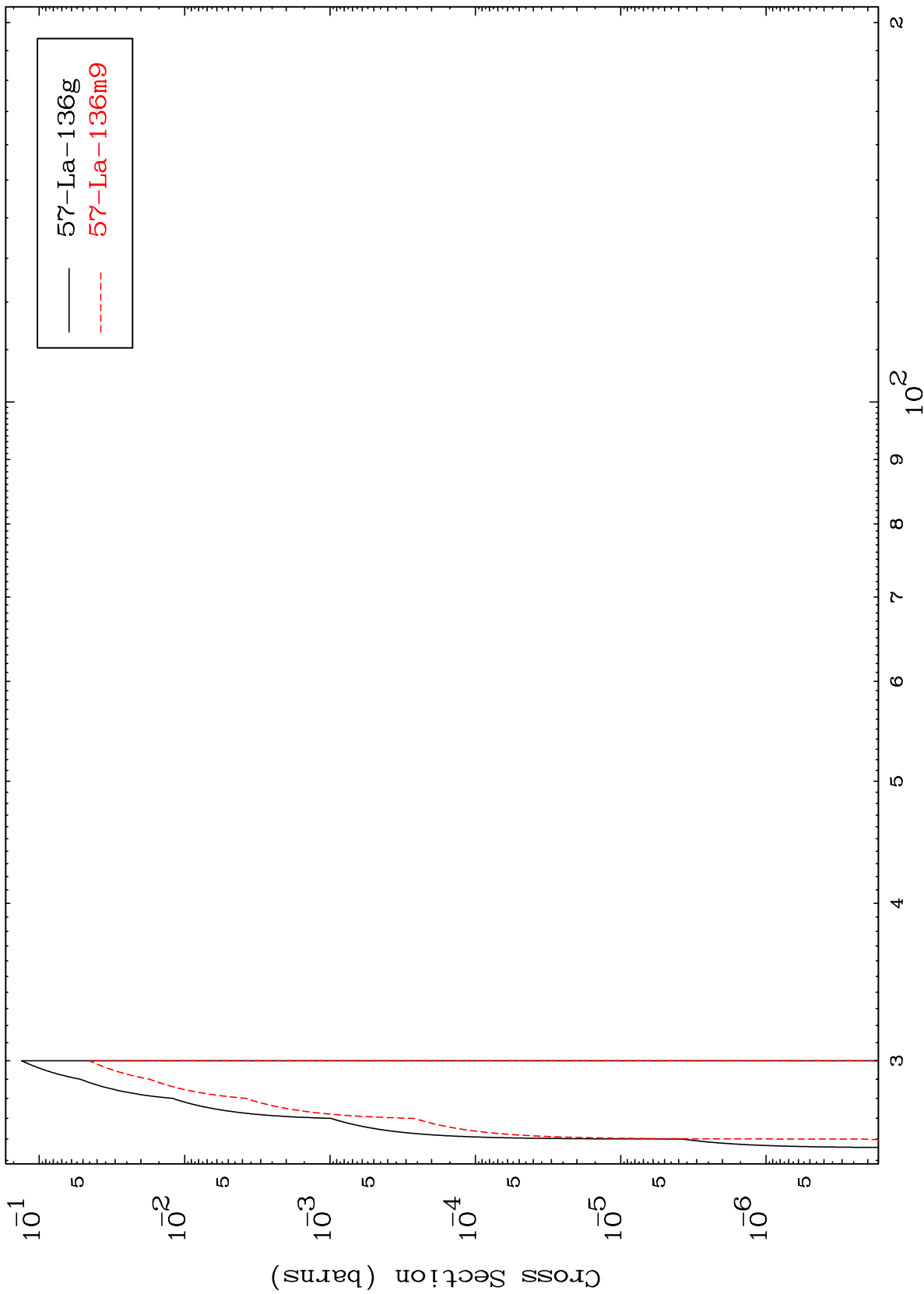
Incident Energy (MeV)

57-La-139

MAT 5728

57-La-139

(n,4n)
Radionuclide Production Cross Section



57-La-139

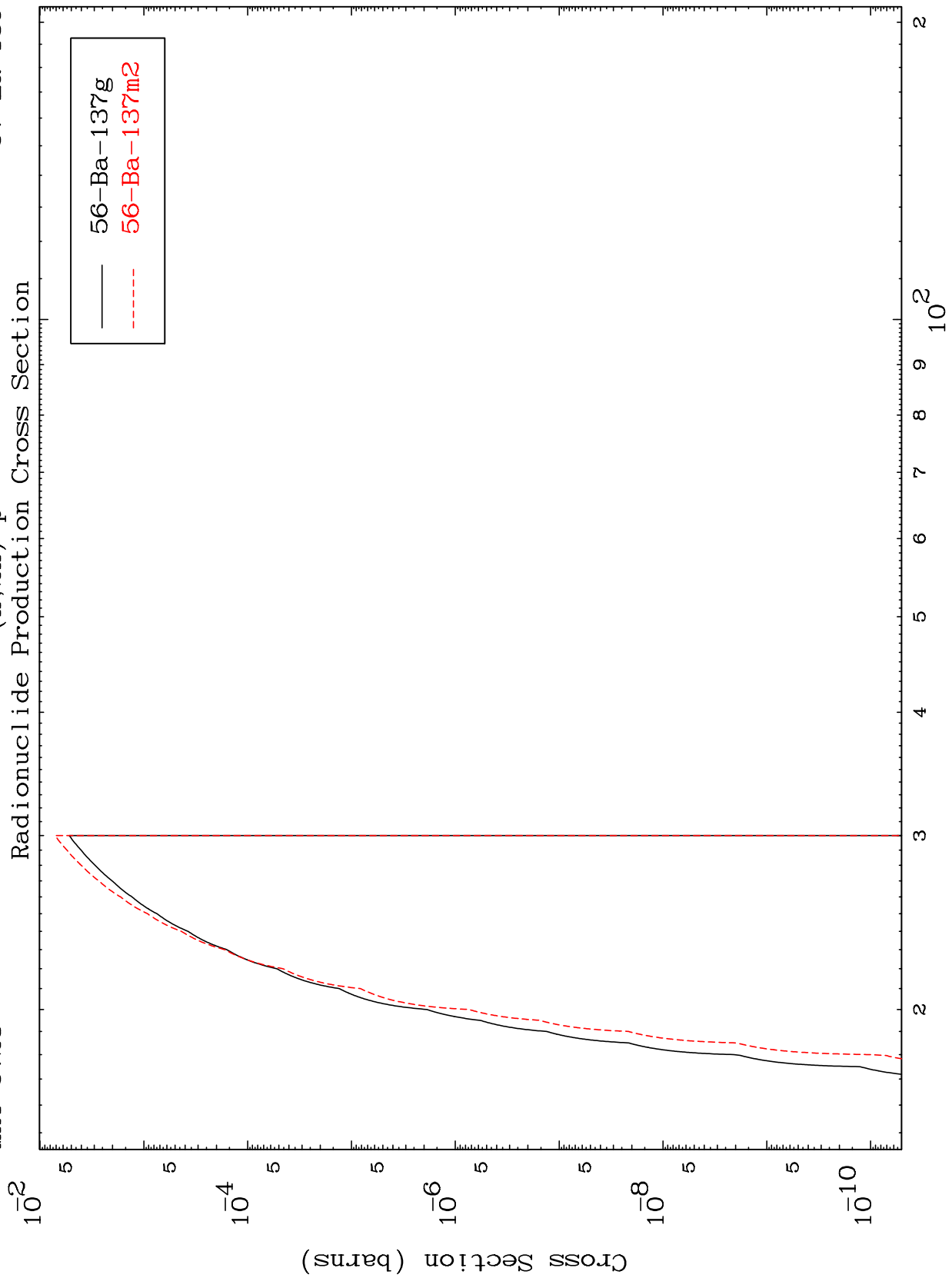
Incident Energy (MeV)

100

MAT 5728

57-La-139

(n,2n) p
Radionuclide Production Cross Section

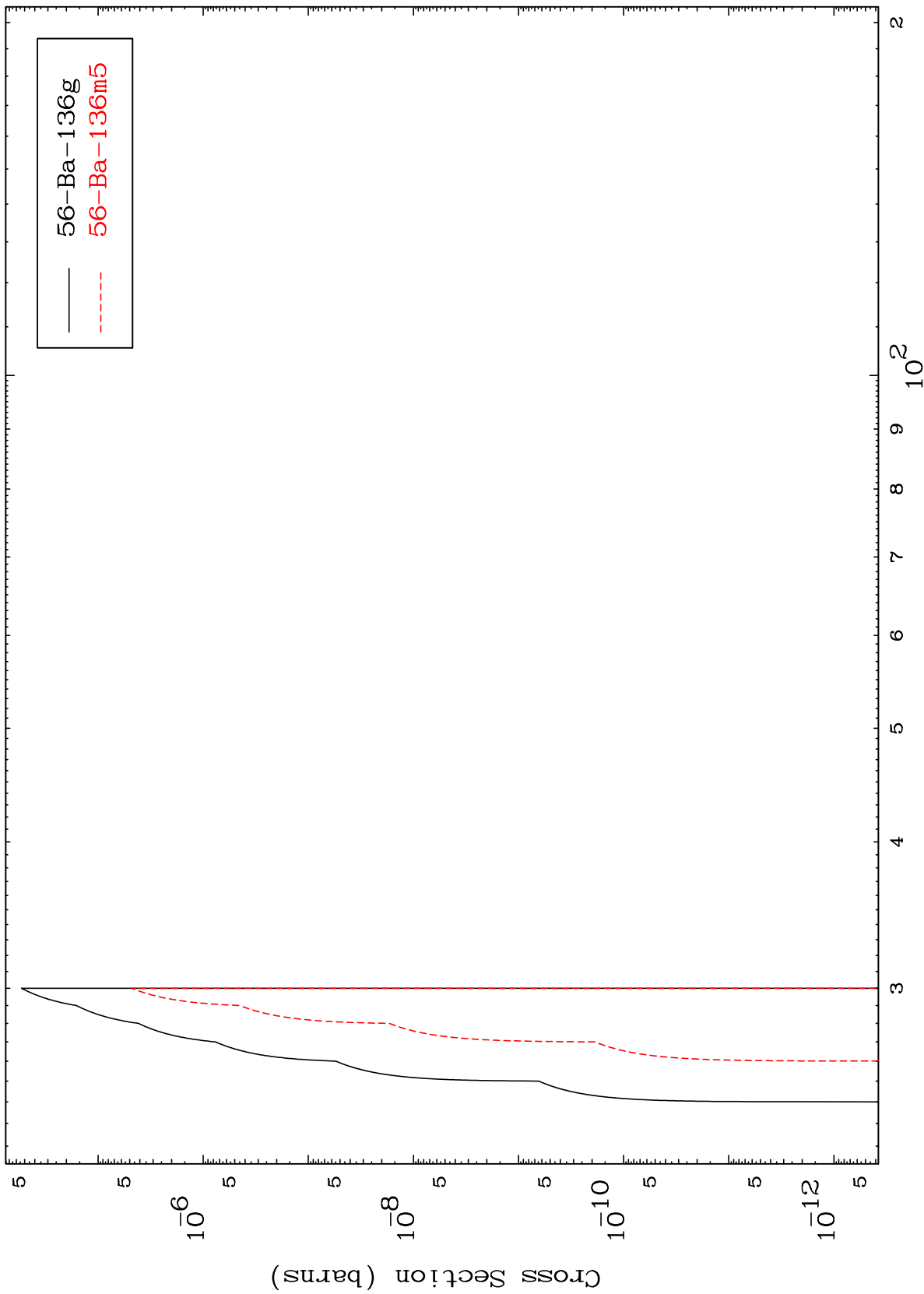


101

57-La-139

Incident Energy (MeV)

Radionuclide Production Cross Section

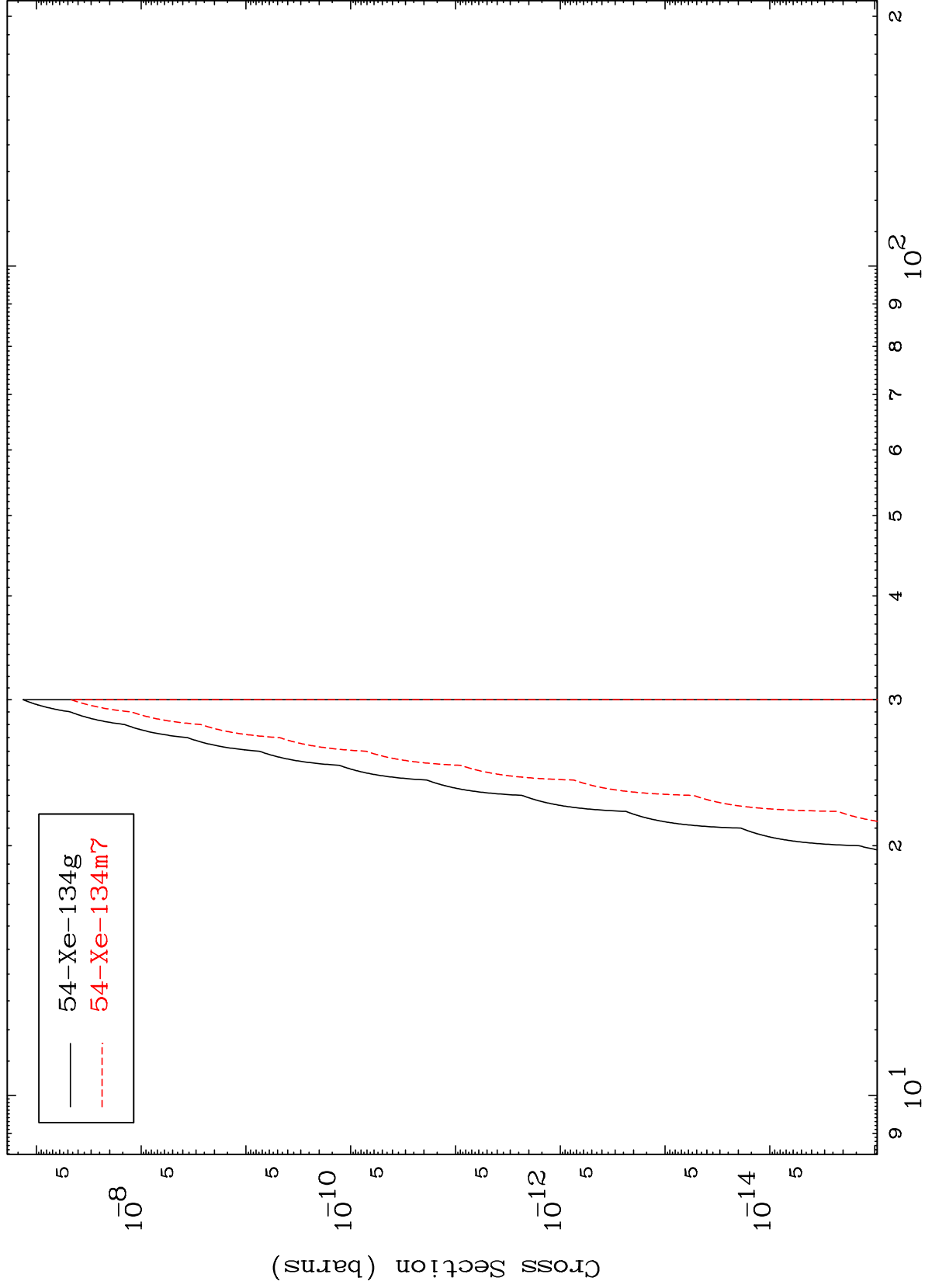


MAT 5728

(n,n') p α

57-La-139

Radionuclide Production Cross Section



103

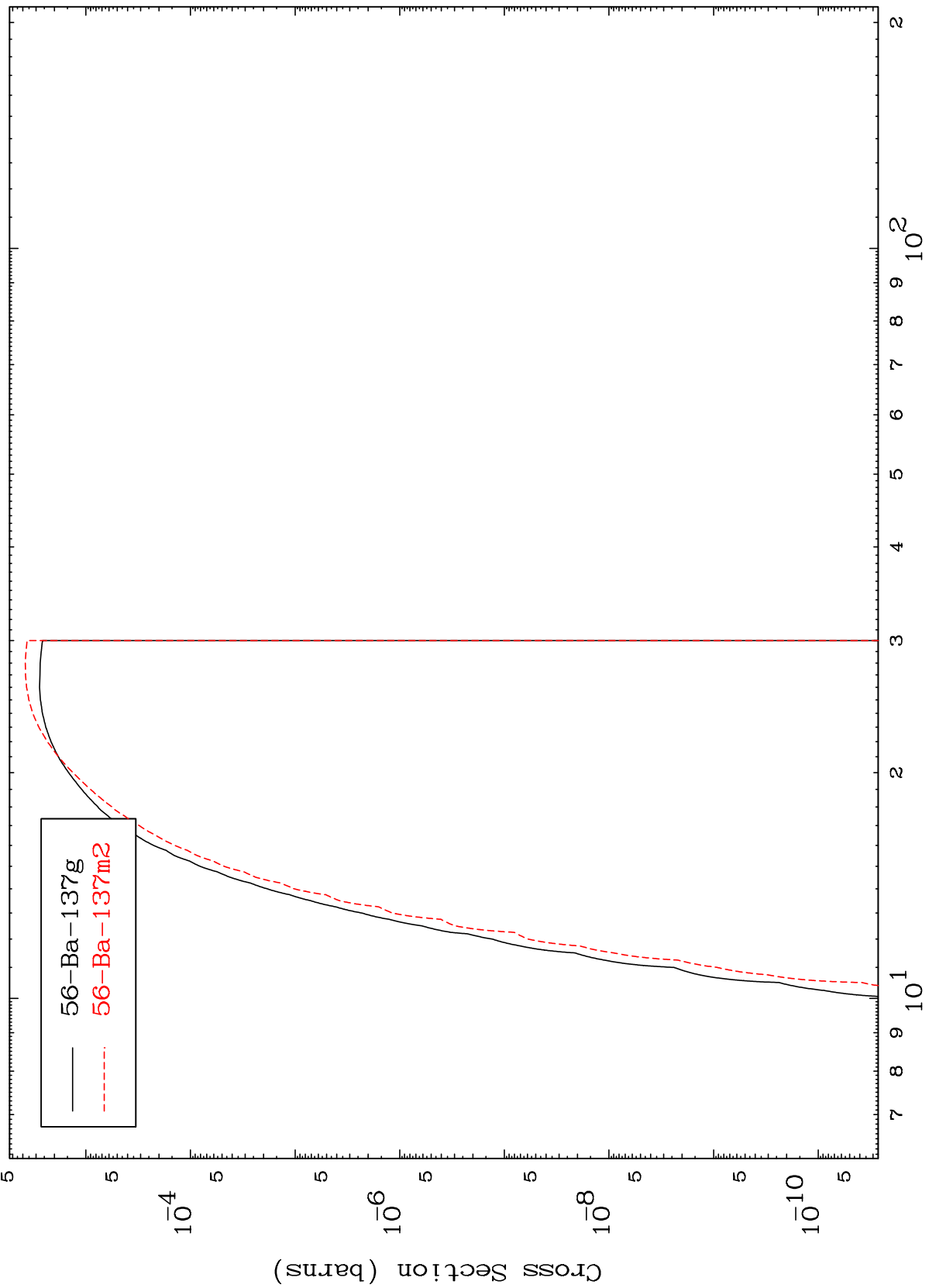
Incident Energy (MeV)

57-La-139

MAT 5728

57-La-139

(n, t)
Radionuclide Production Cross Section



104

Incident Energy (MeV)

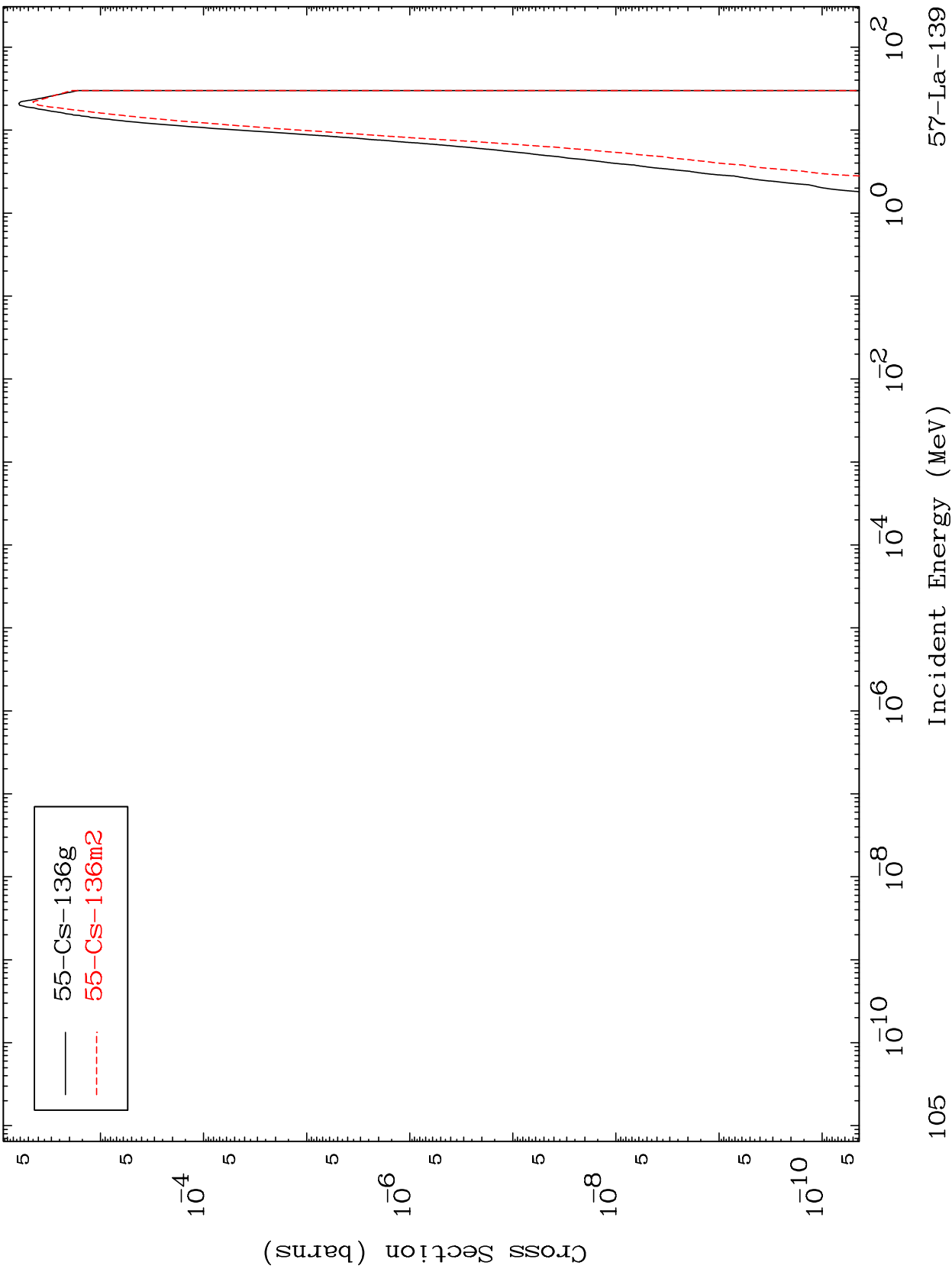
57-La-139

MAT 5728

(n, α)

57-La-139

Radionuclide Production Cross Section

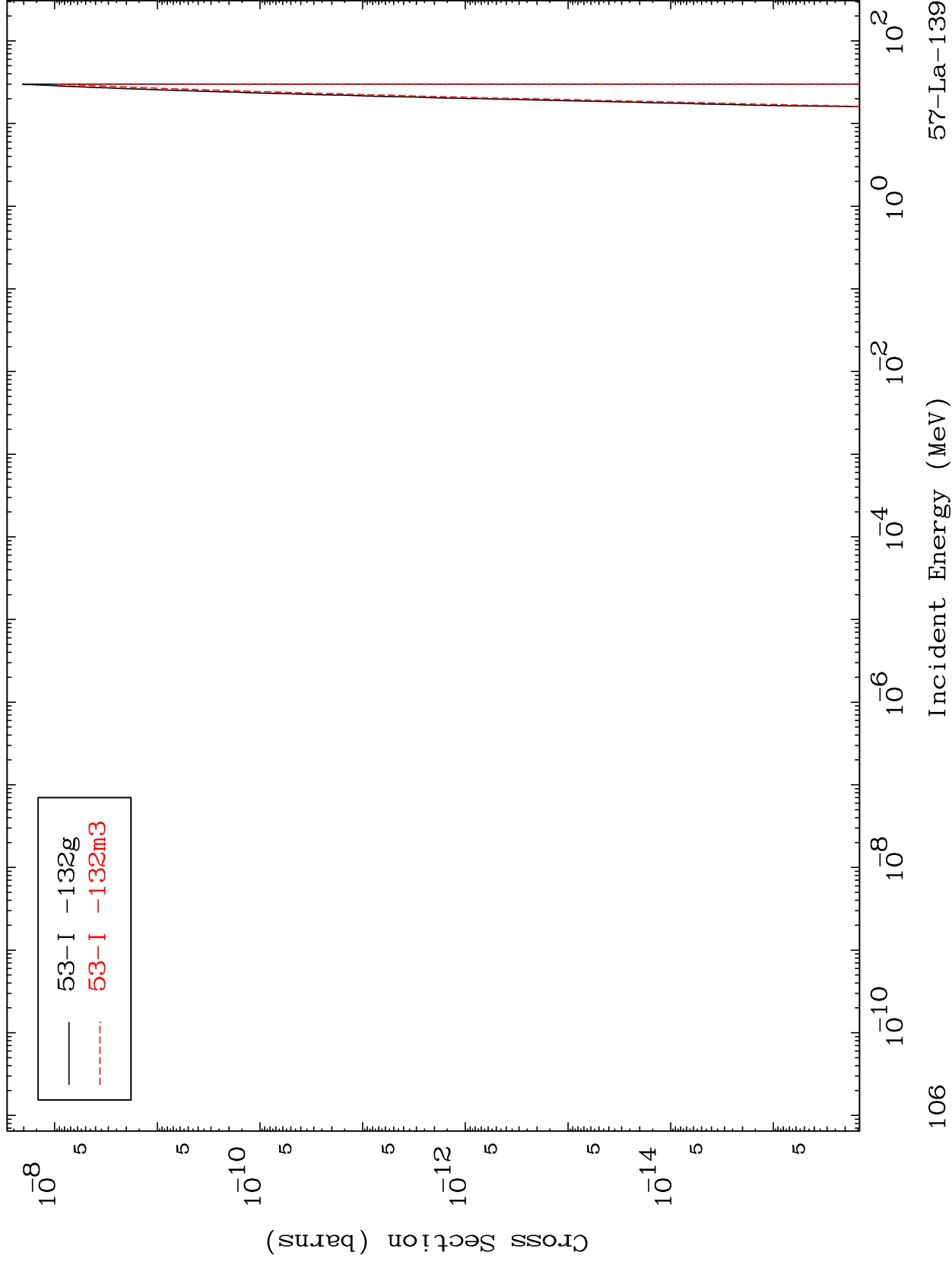


MAT 5728

(n,2α)

57-La-139

Radionuclide Production Cross Section



106

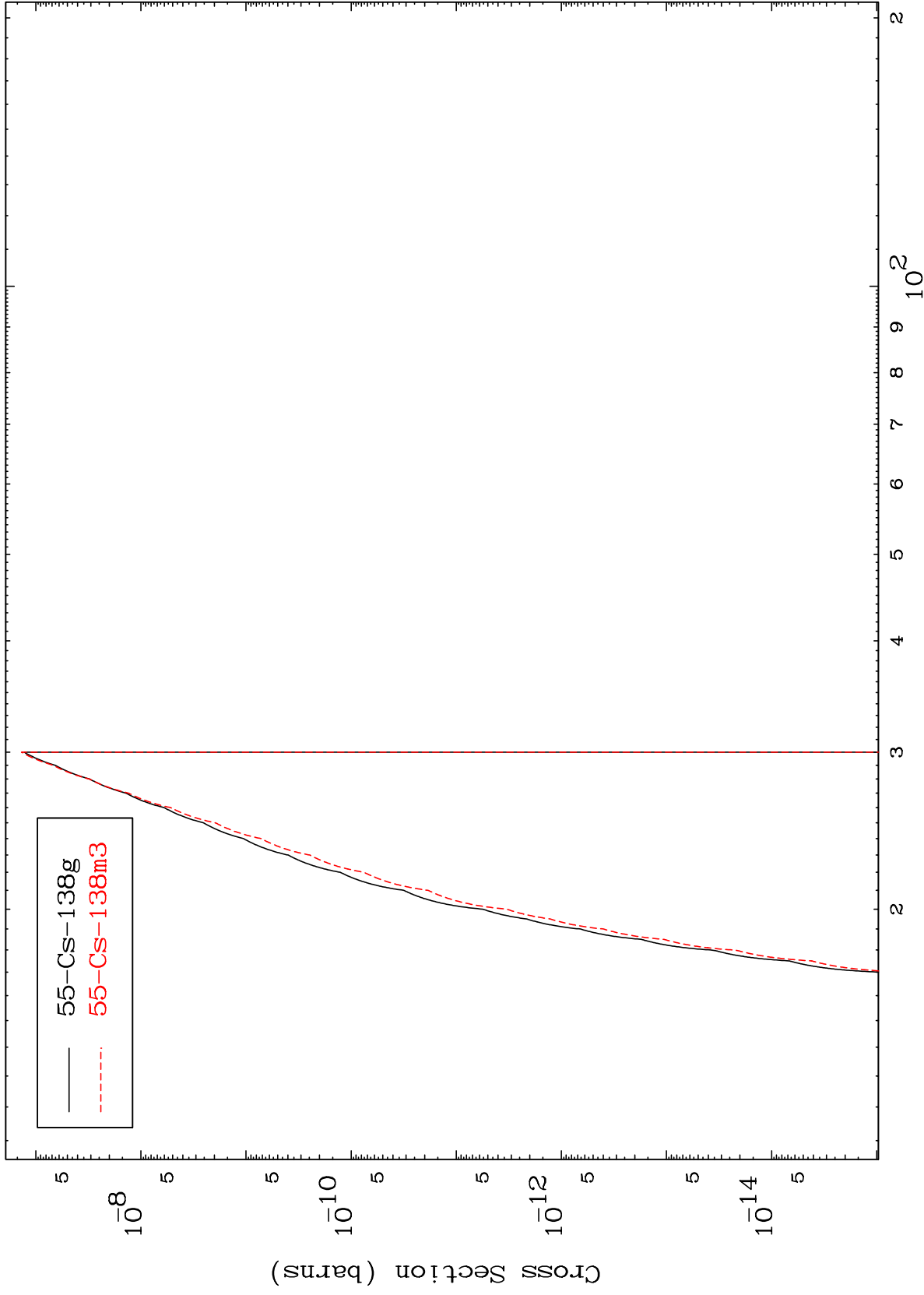
Incident Energy (MeV)

57-La-139

MAT 5728

57-La-139

(n,2p)
Radionuclide Production Cross Section



107

Incident Energy (MeV)

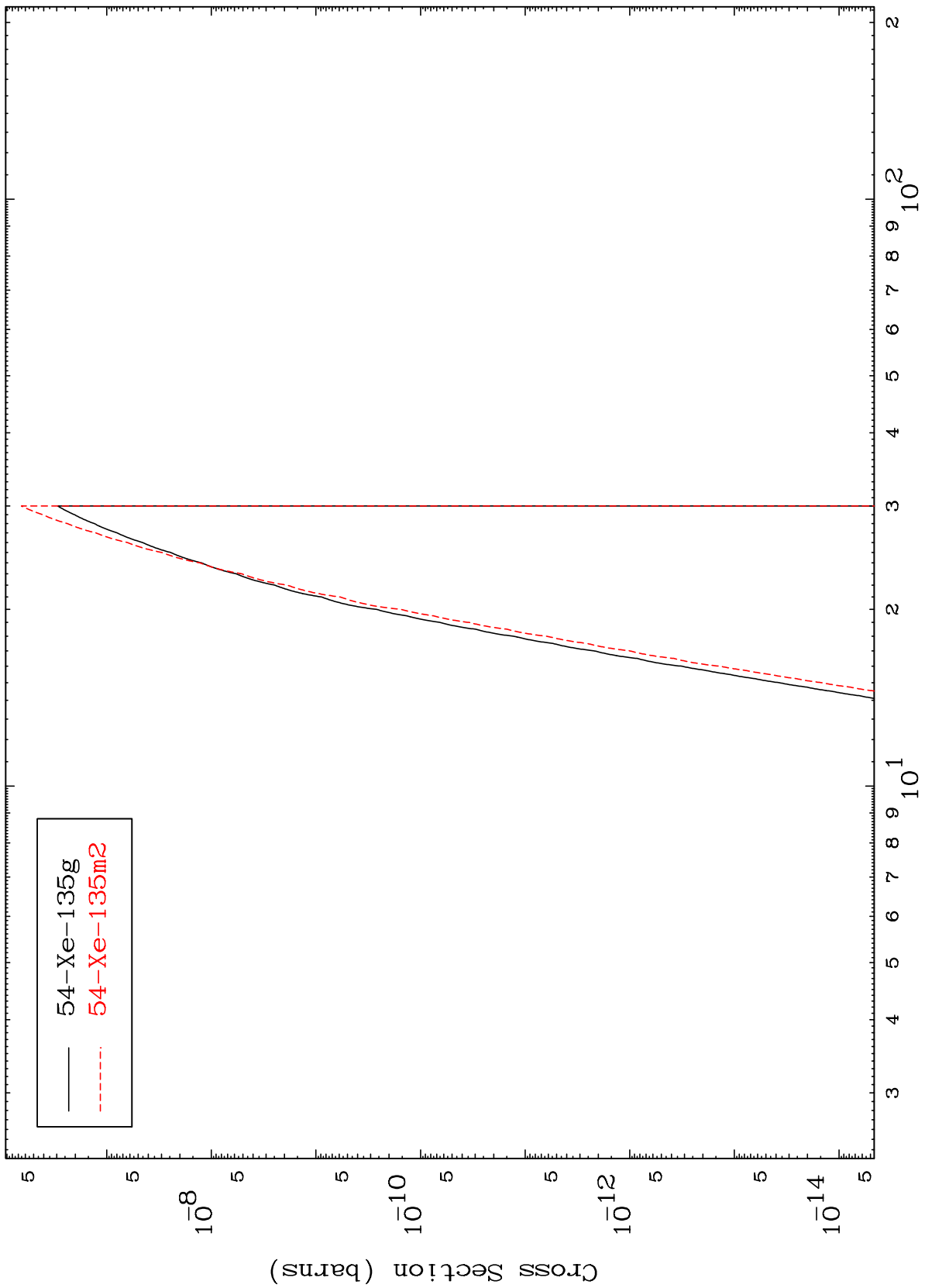
57-La-139

MAT 5728

(n,p) α

57-La-139

Radionuclide Production Cross Section

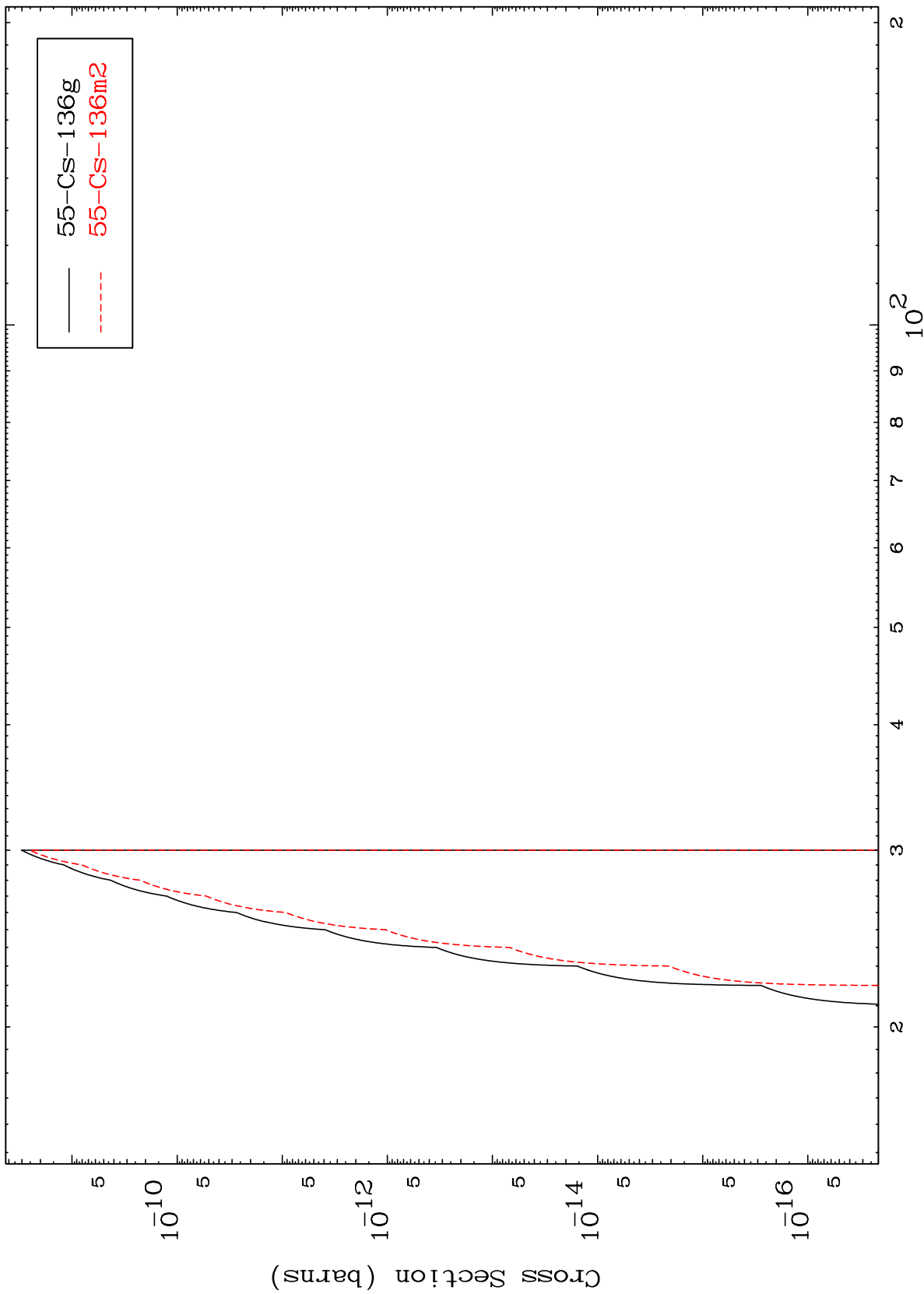


108

Incident Energy (MeV)

57-La-139

Radionuclide Production Cross Section

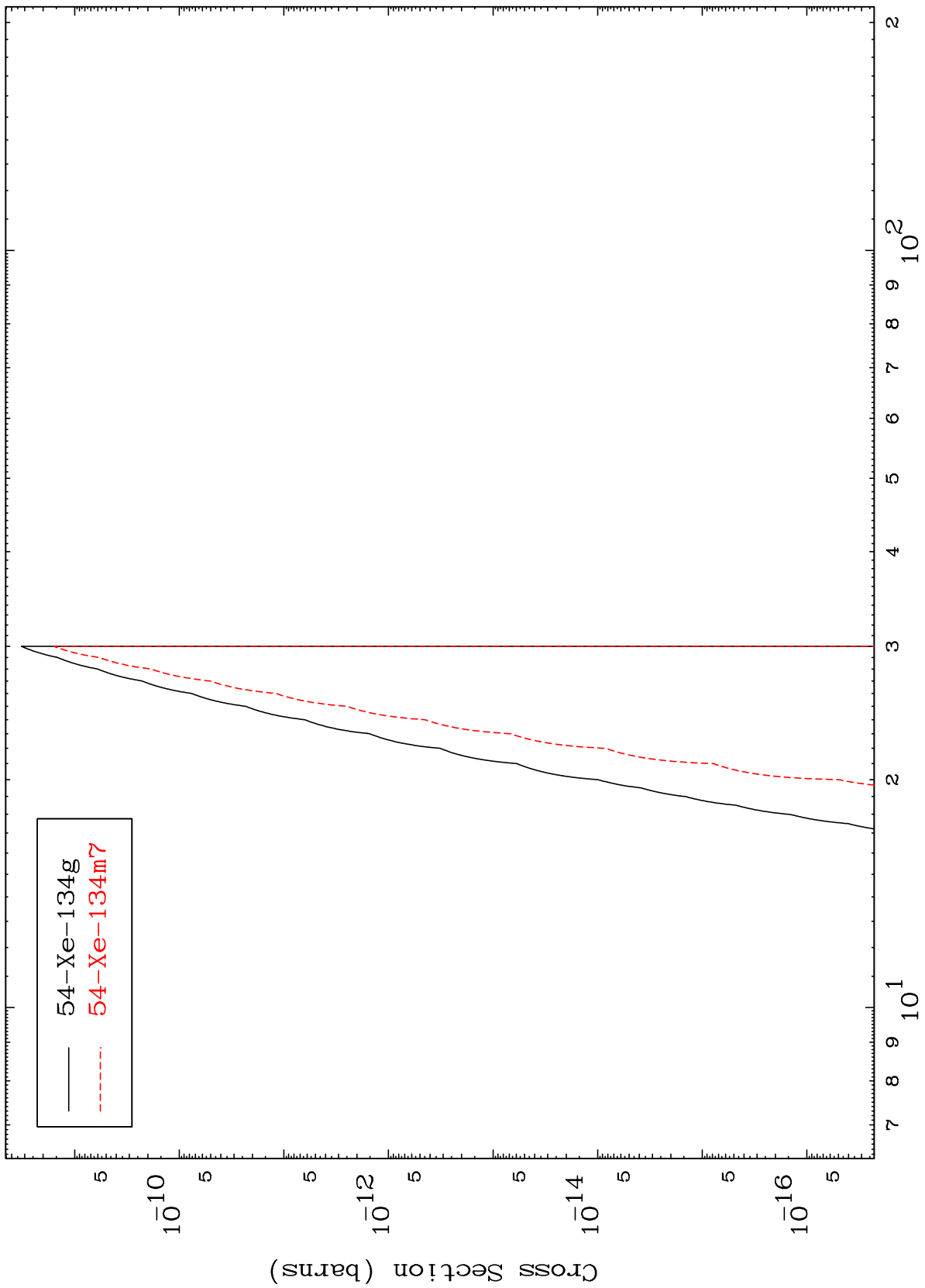


MAT 5728

57-La-139

(n,d) α

Radionuclide Production Cross Section



110

Incident Energy (MeV)

57-La-139