

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

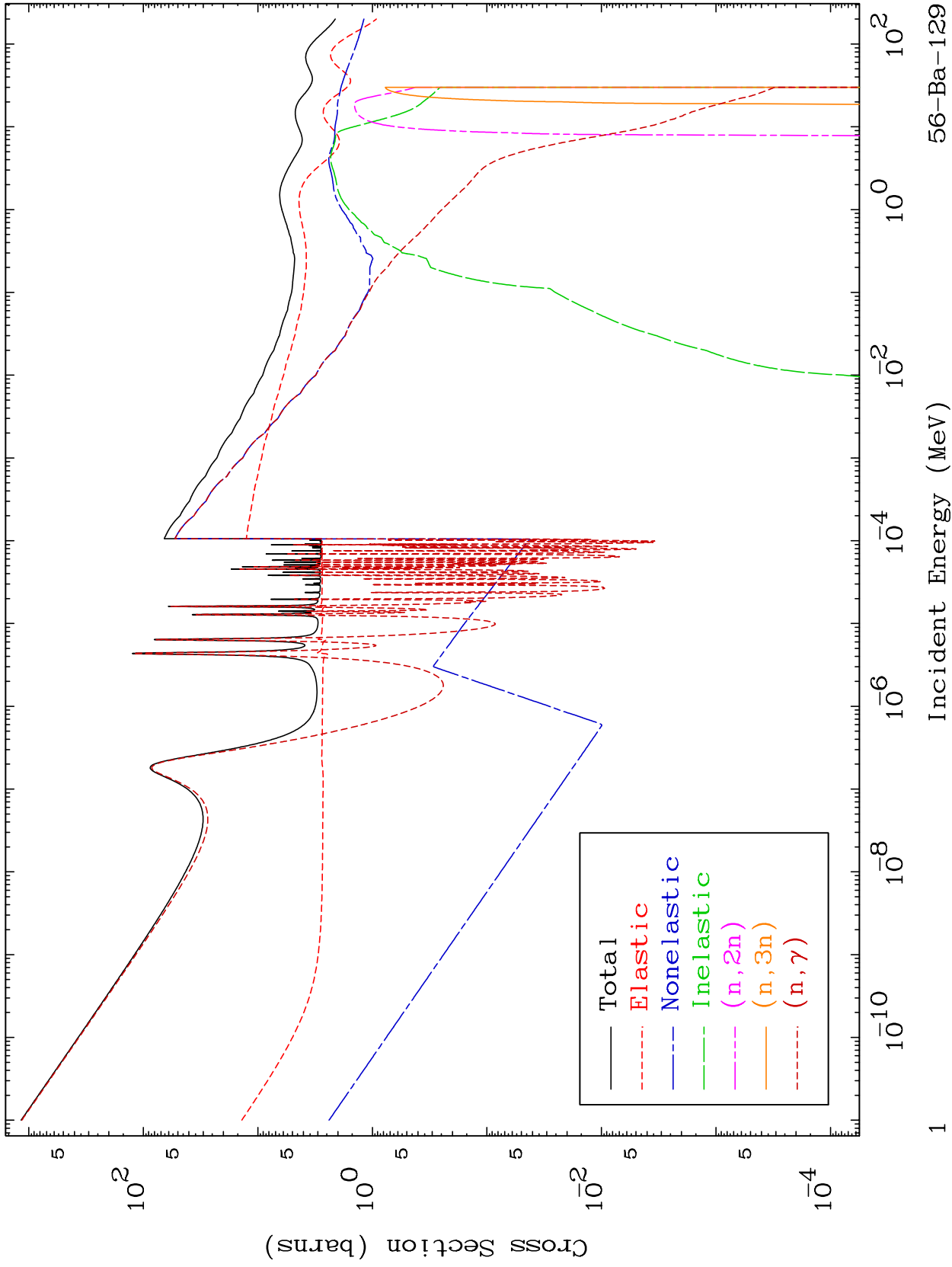
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Press Mouse Button to Start

MAT 5622

Neutron Major
293 Kelvin Cross Sections

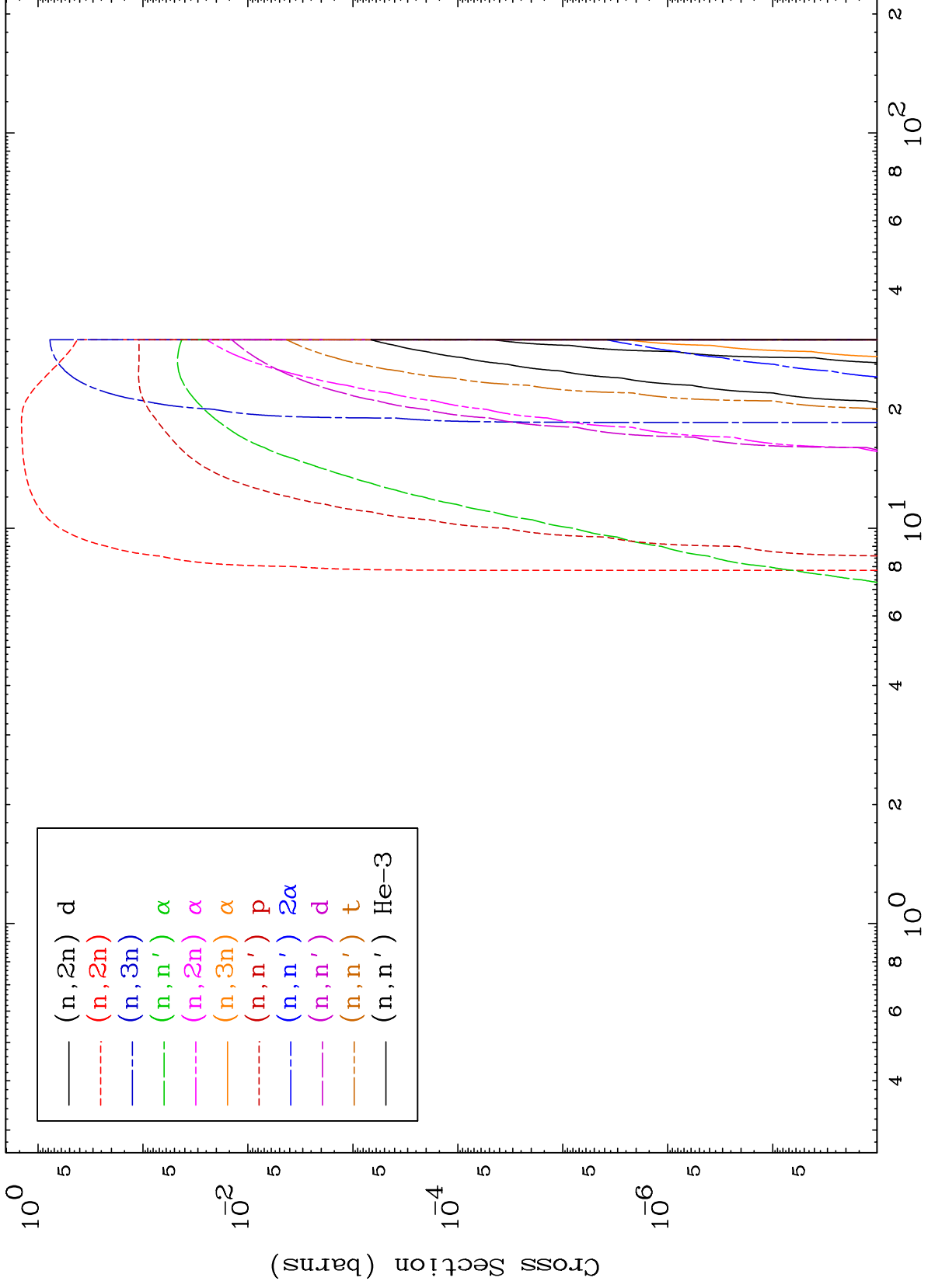
56-Ba-129

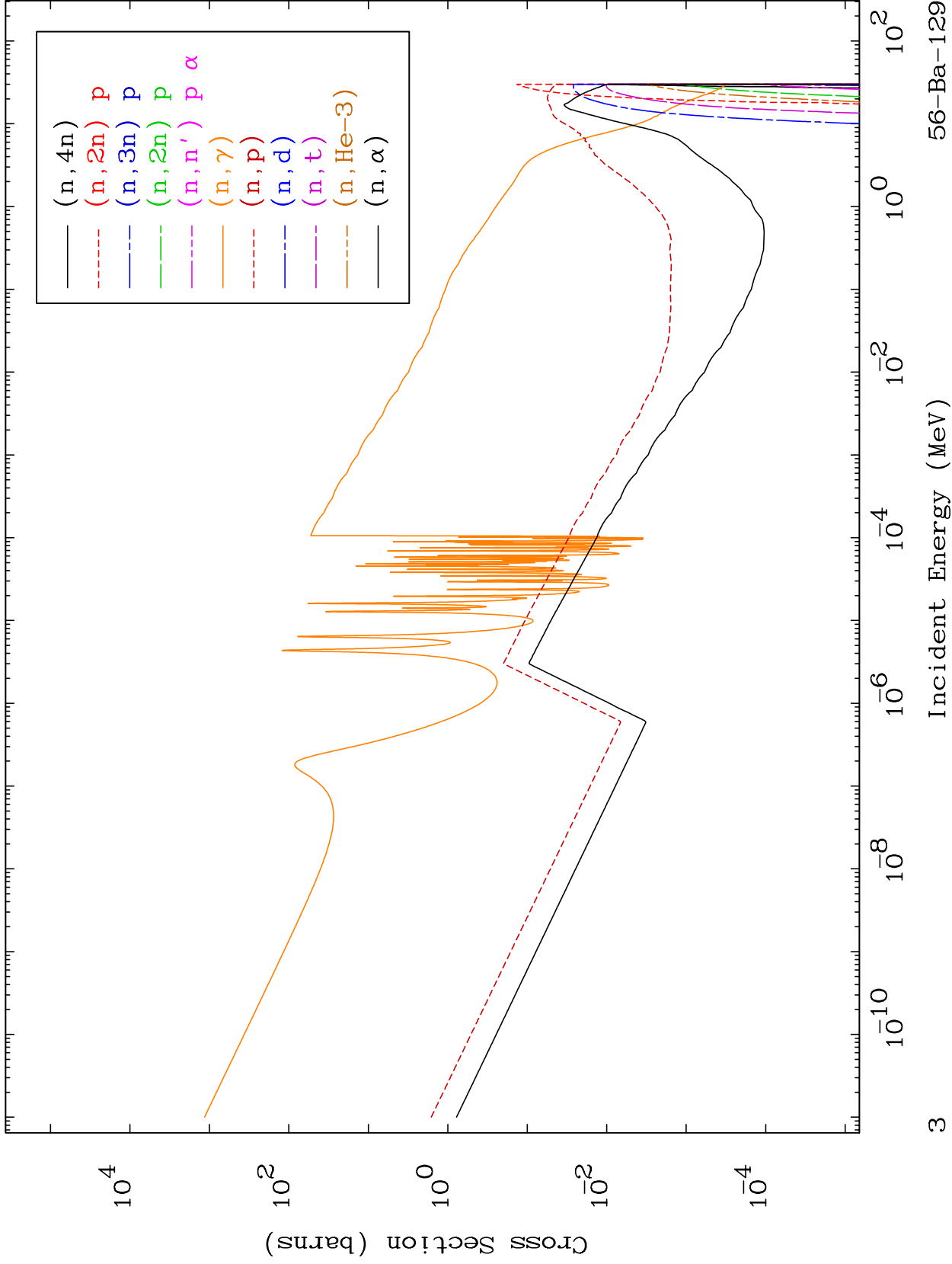


MAT 5622

Neutron Absorption
293 Kelvin Cross Sections

56-Ba-129

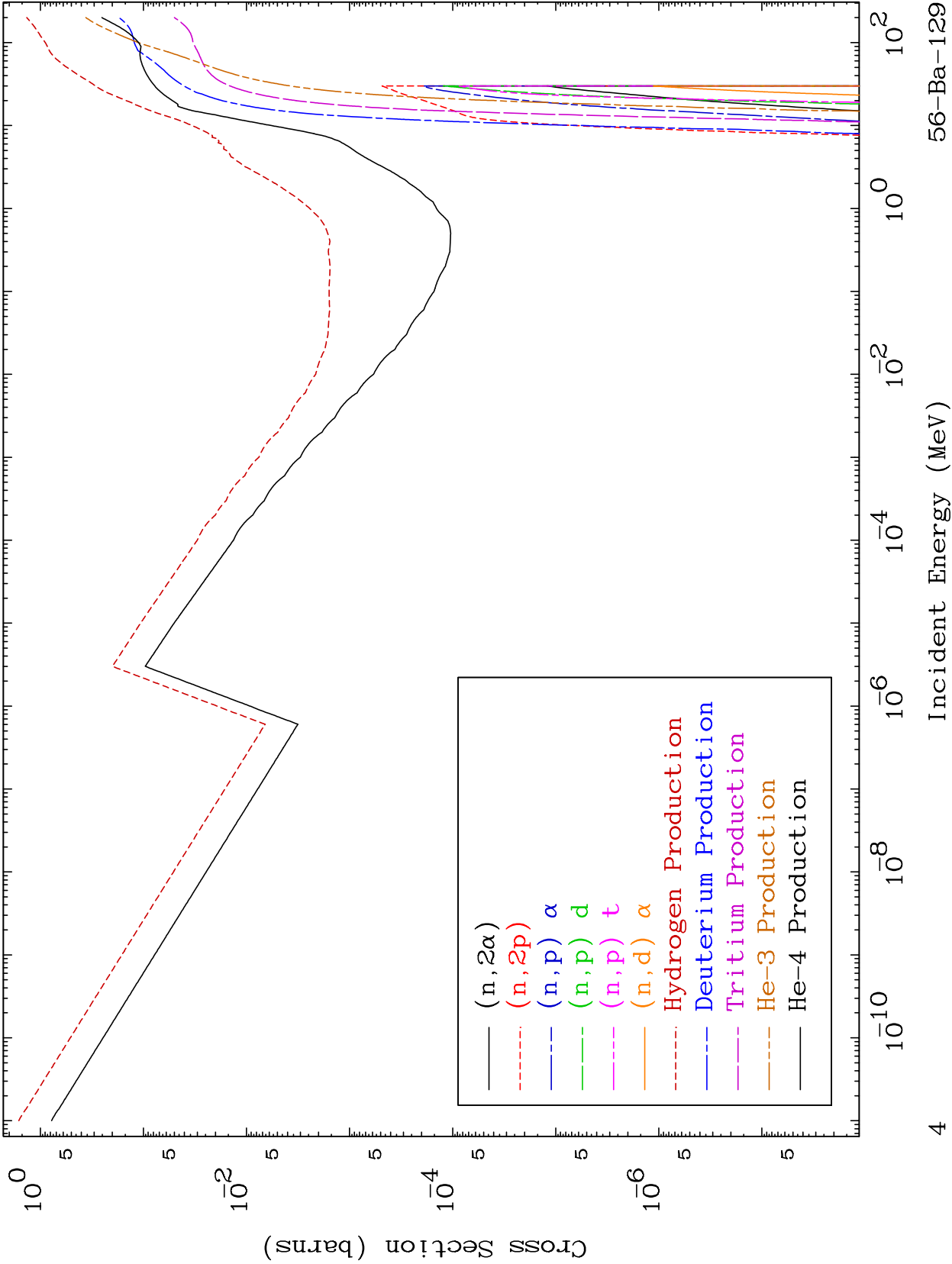




MAT 5622

Neutron Absorption
293 Kelvin Cross Sections

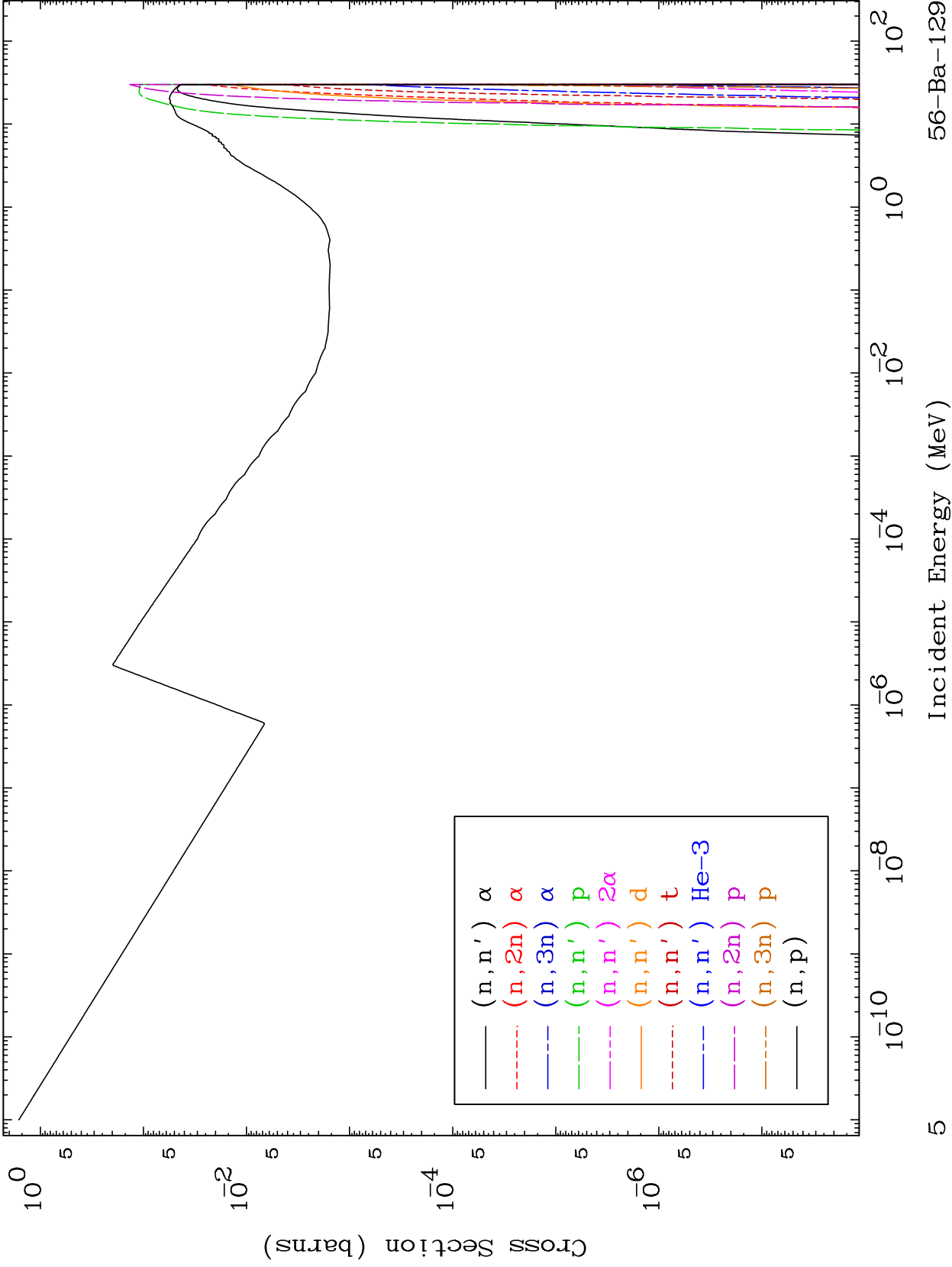
56-Ba-129



MAT 5622

Charged Particle
293 Kelvin Cross Sections

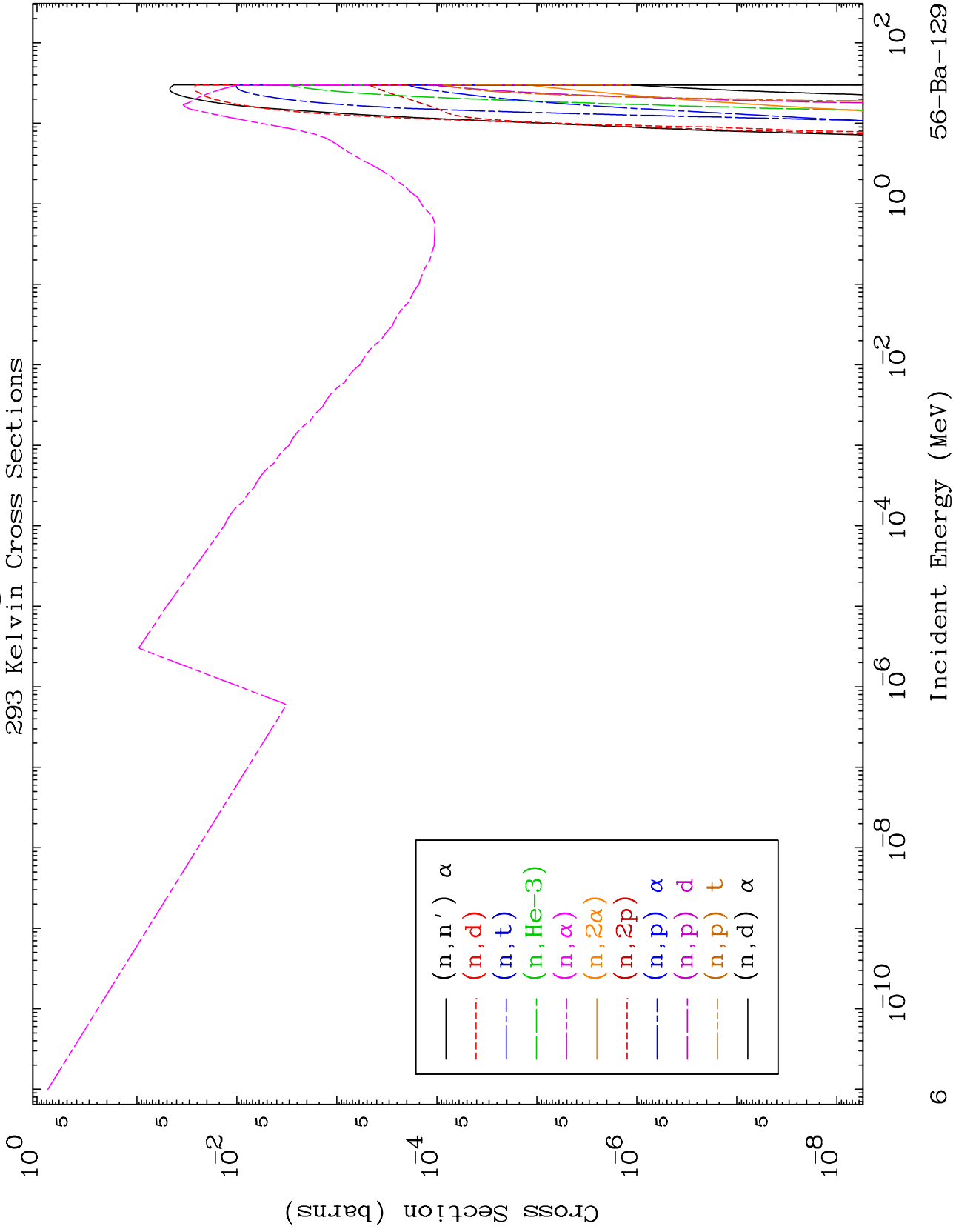
56-Ba-129



MAT 5622

Charged Particle
293 Kelvin Cross Sections

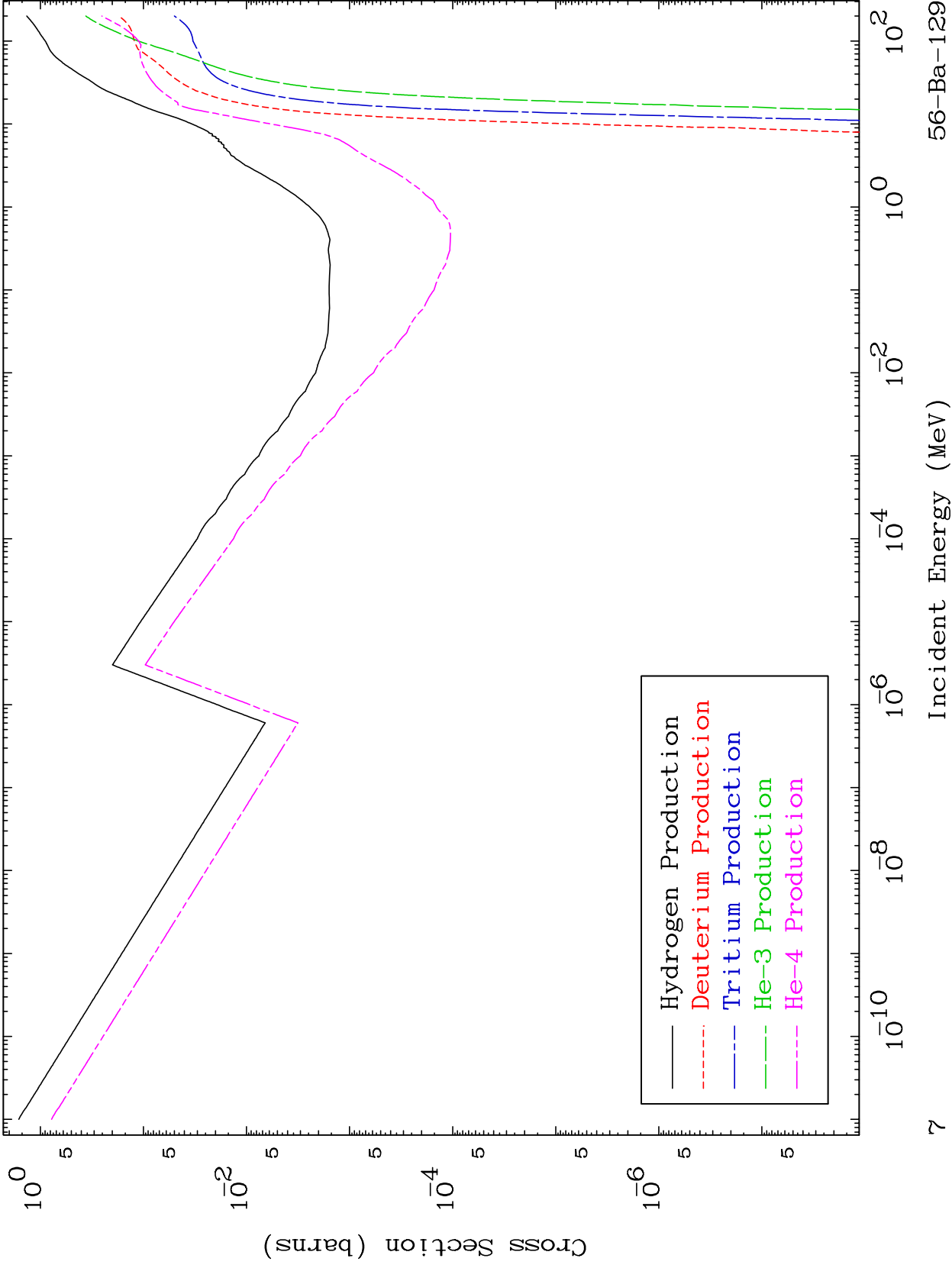
56-Ba-129



MAT 5622

Particle Production
293 Kelvin Cross Sections

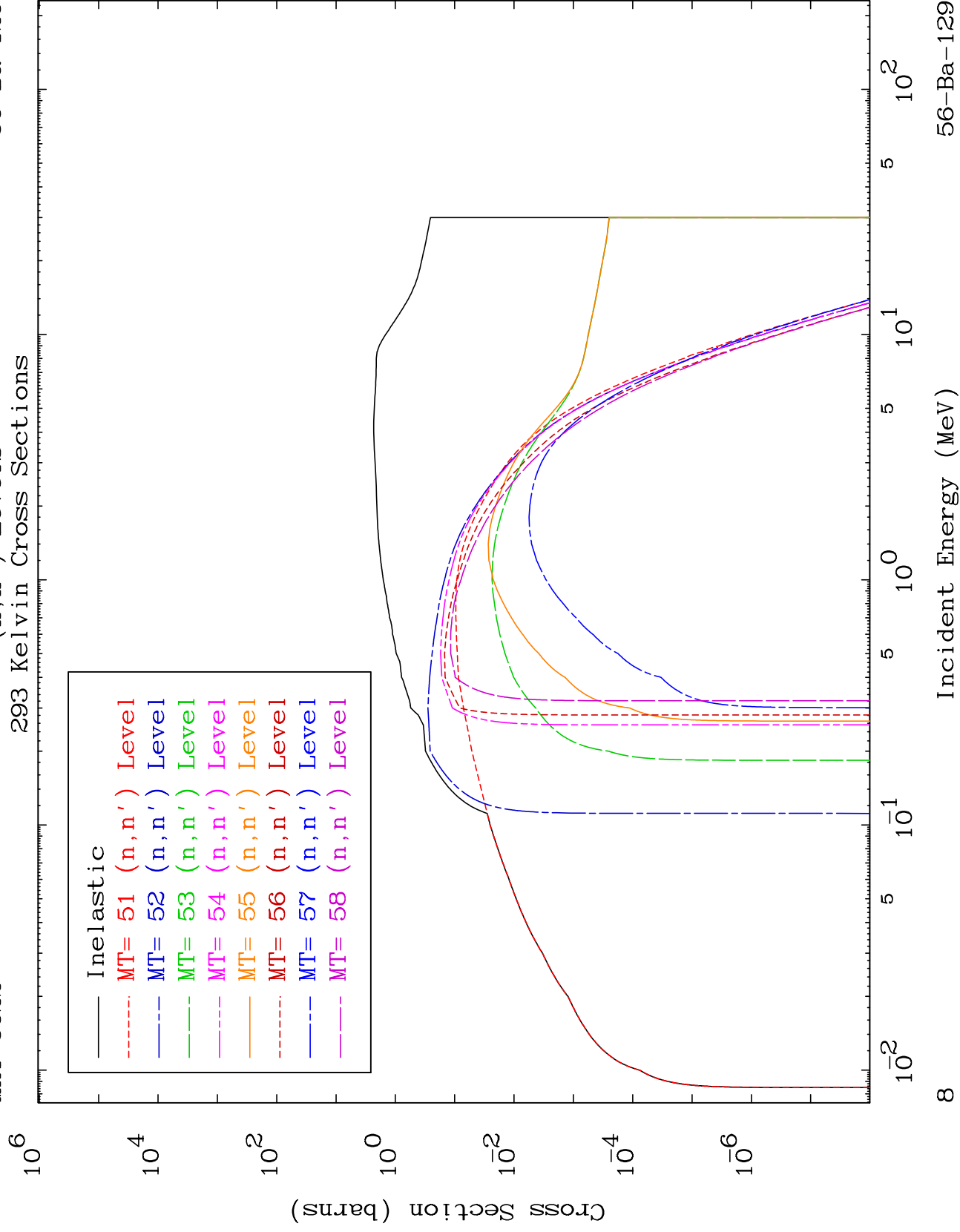
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MAT 5622

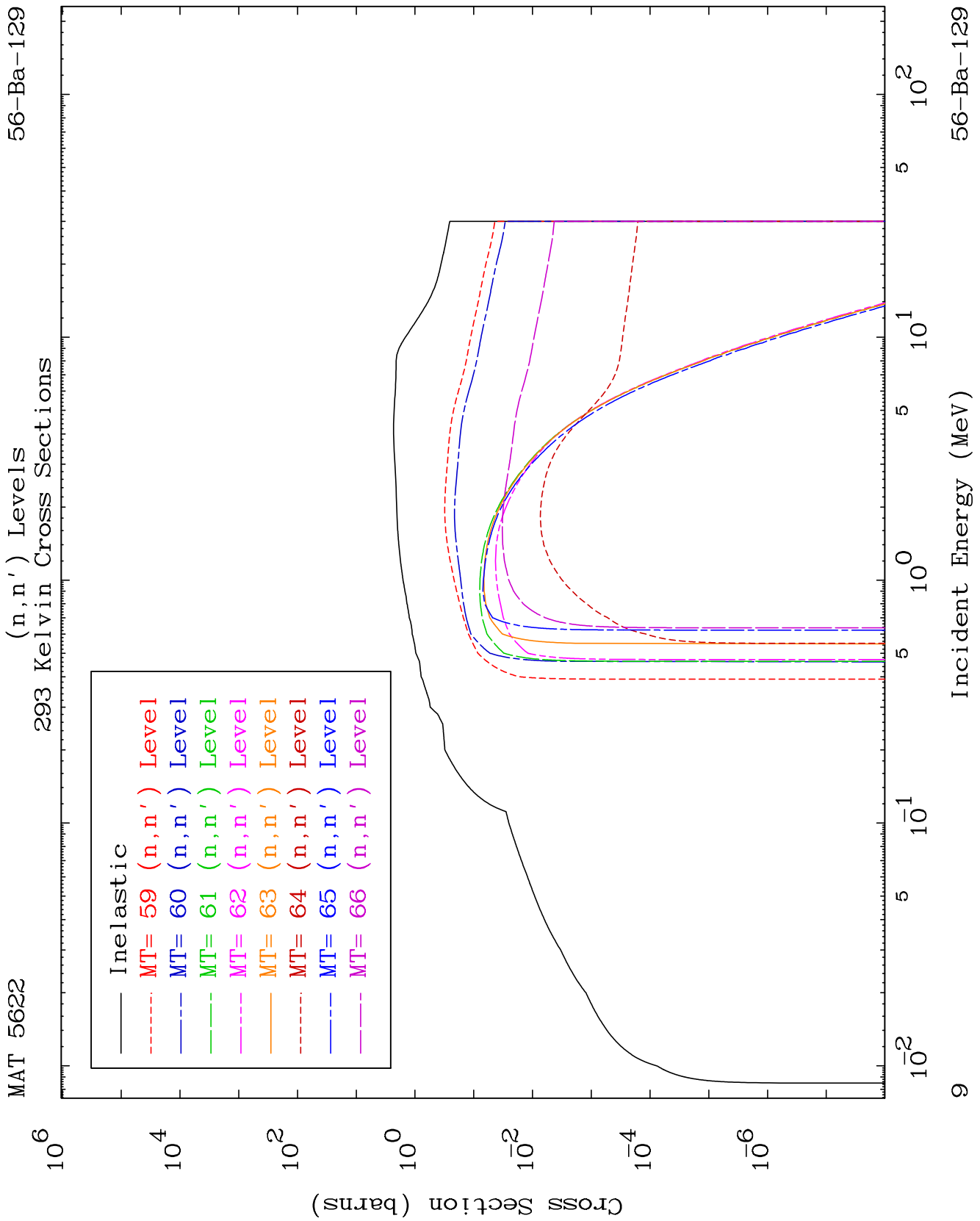
(n,n') Levels
293 Kelvin Cross Sections

56-Ba-129



8

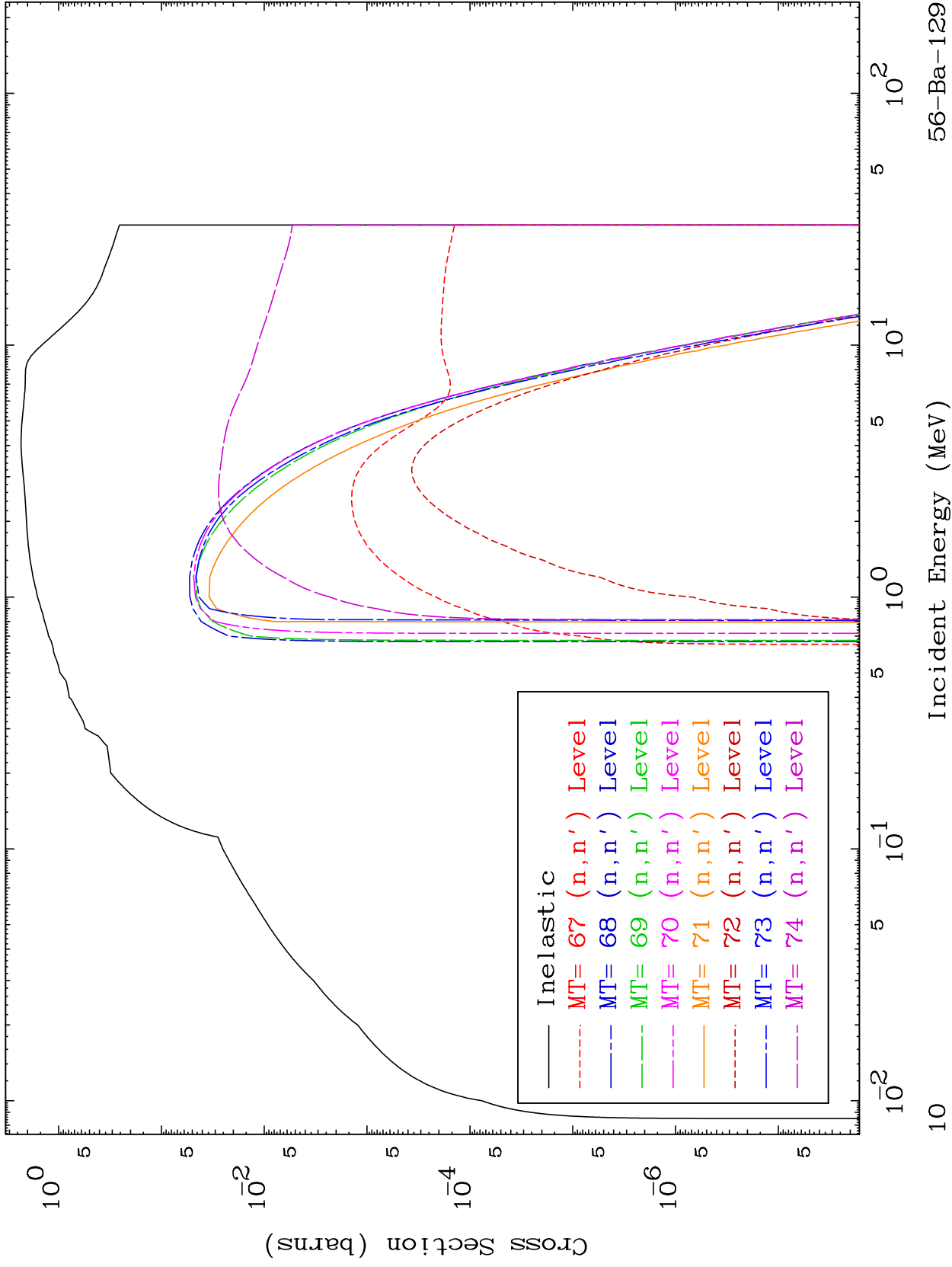
56-Ba-129



MAT 5622

(n,n') Levels
293 Kelvin Cross Sections

56-Ba-129

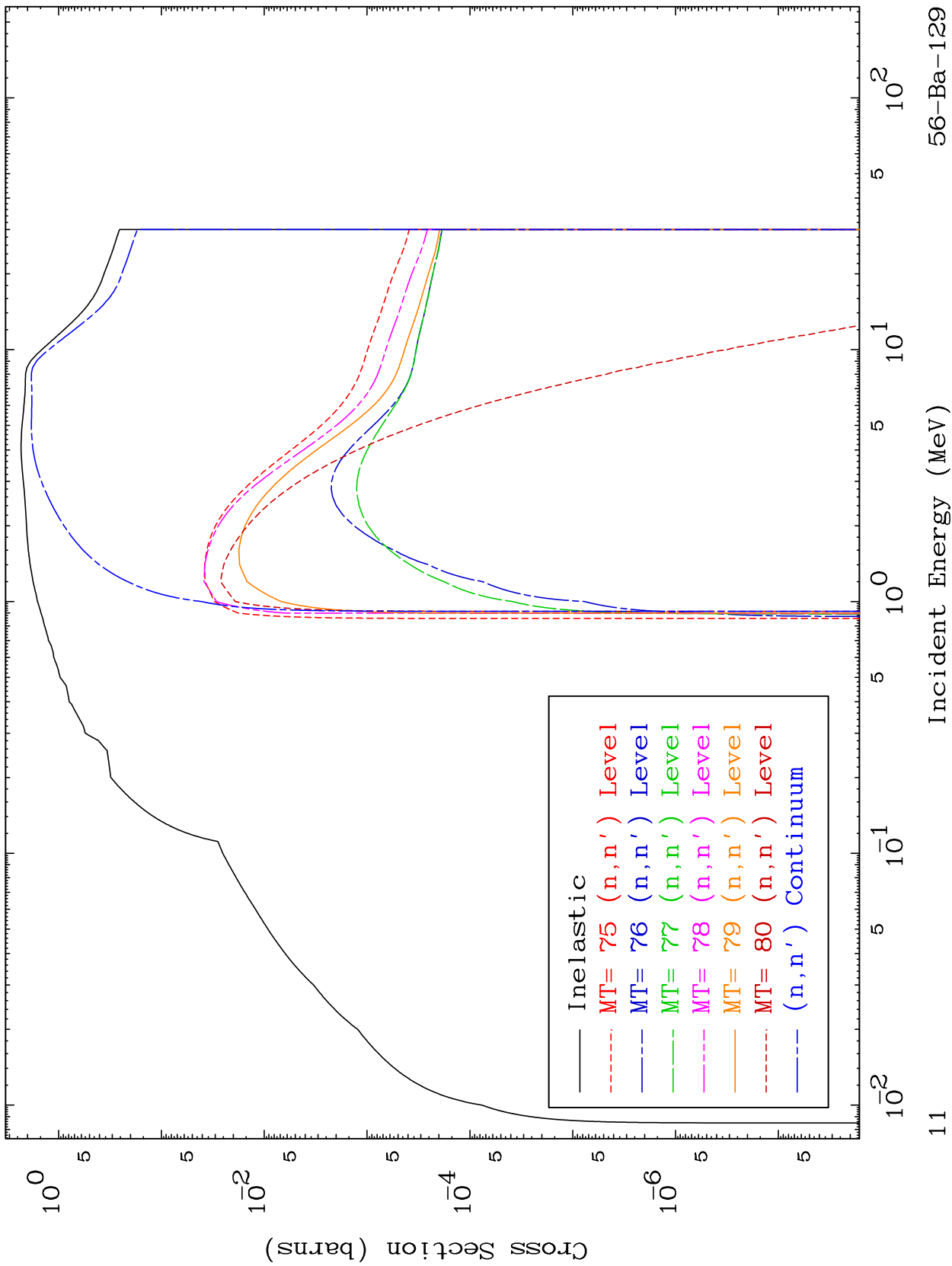


56-Ba-129

MAT 5622

56-Ba-129

(n,n') Levels
293 Kelvin Cross Sections



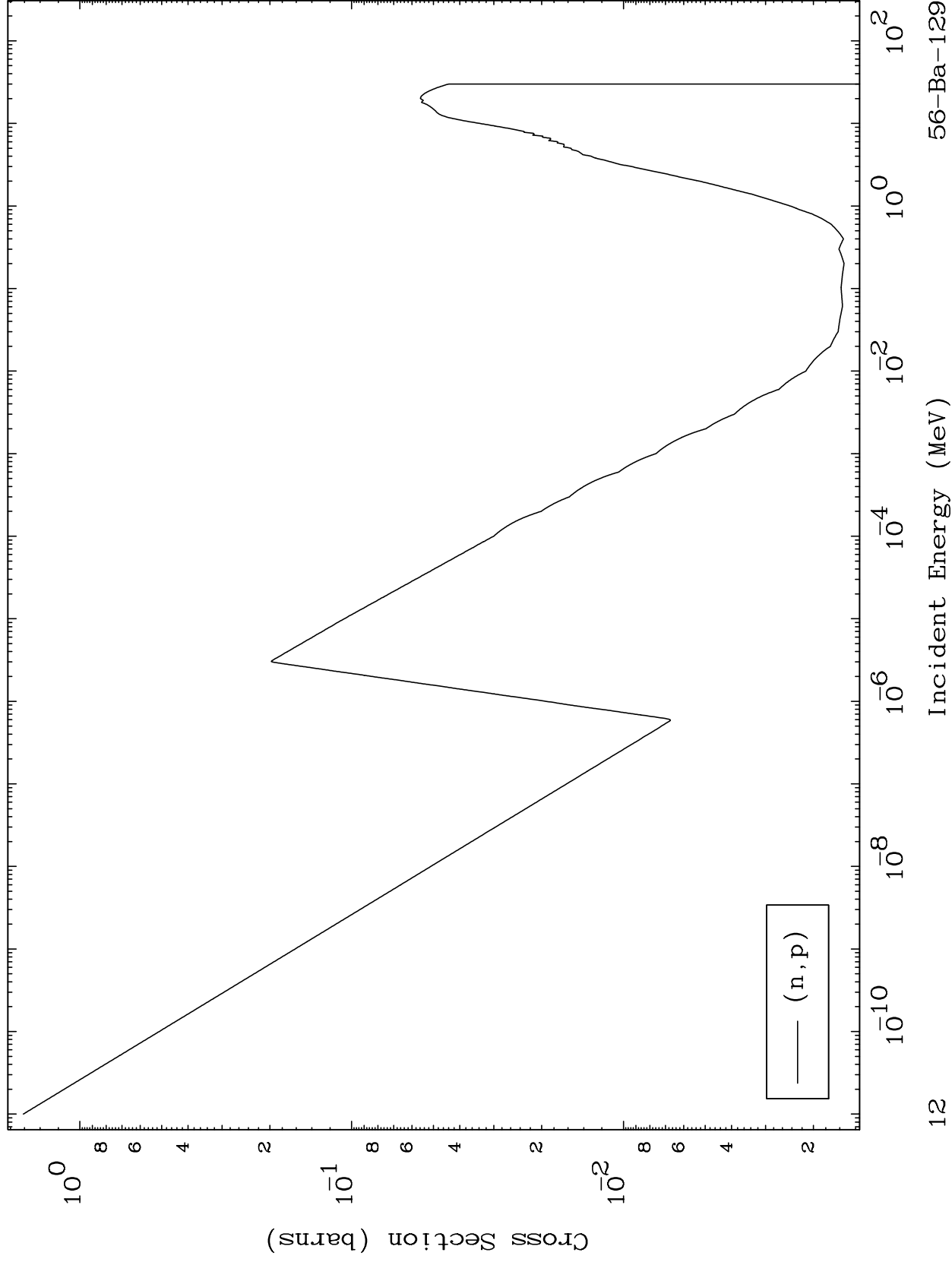
56-Ba-129

Incident Energy (MeV)

MAT 5622

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-129

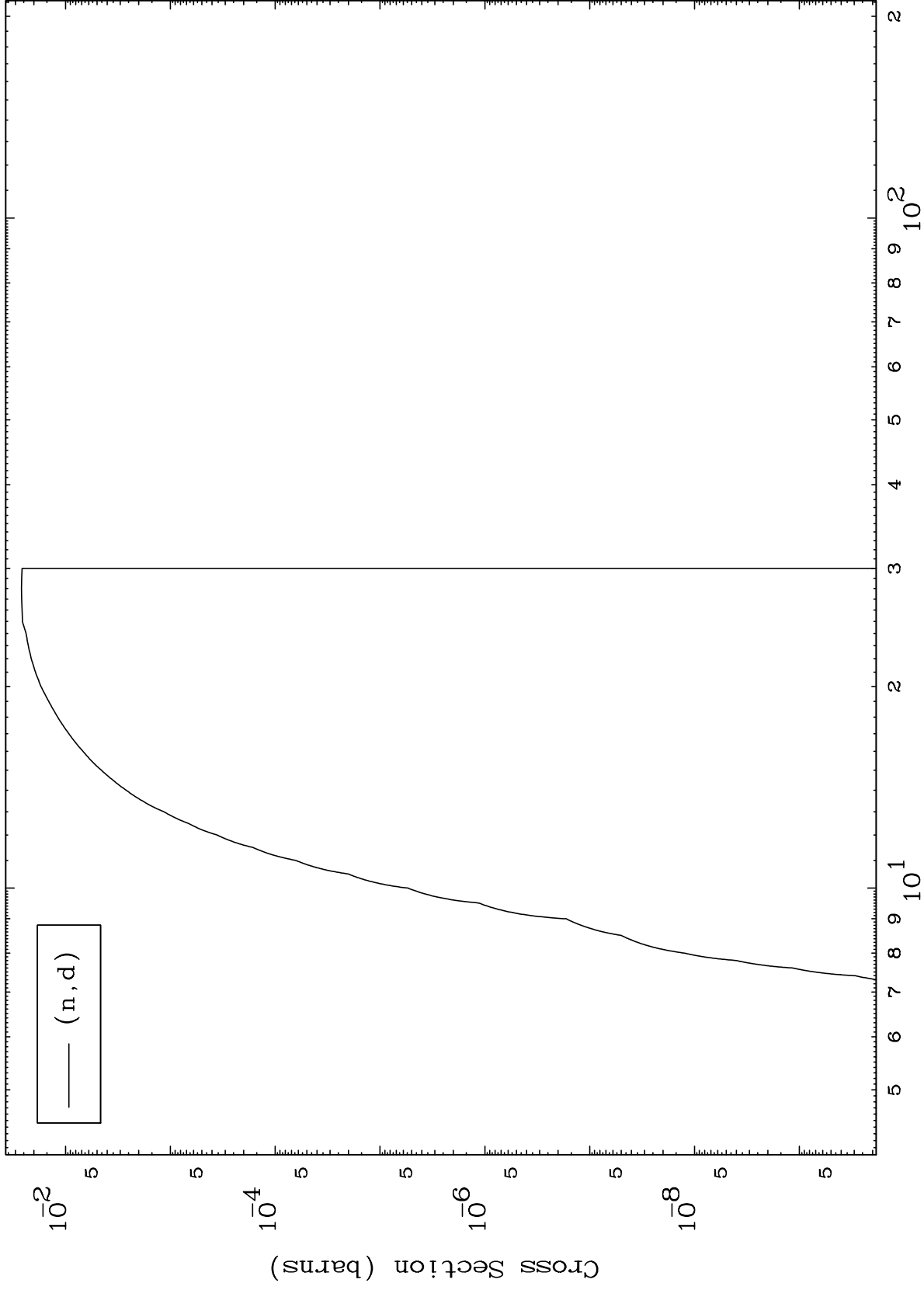


56-Ba-129

MAT 5622

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-129



13

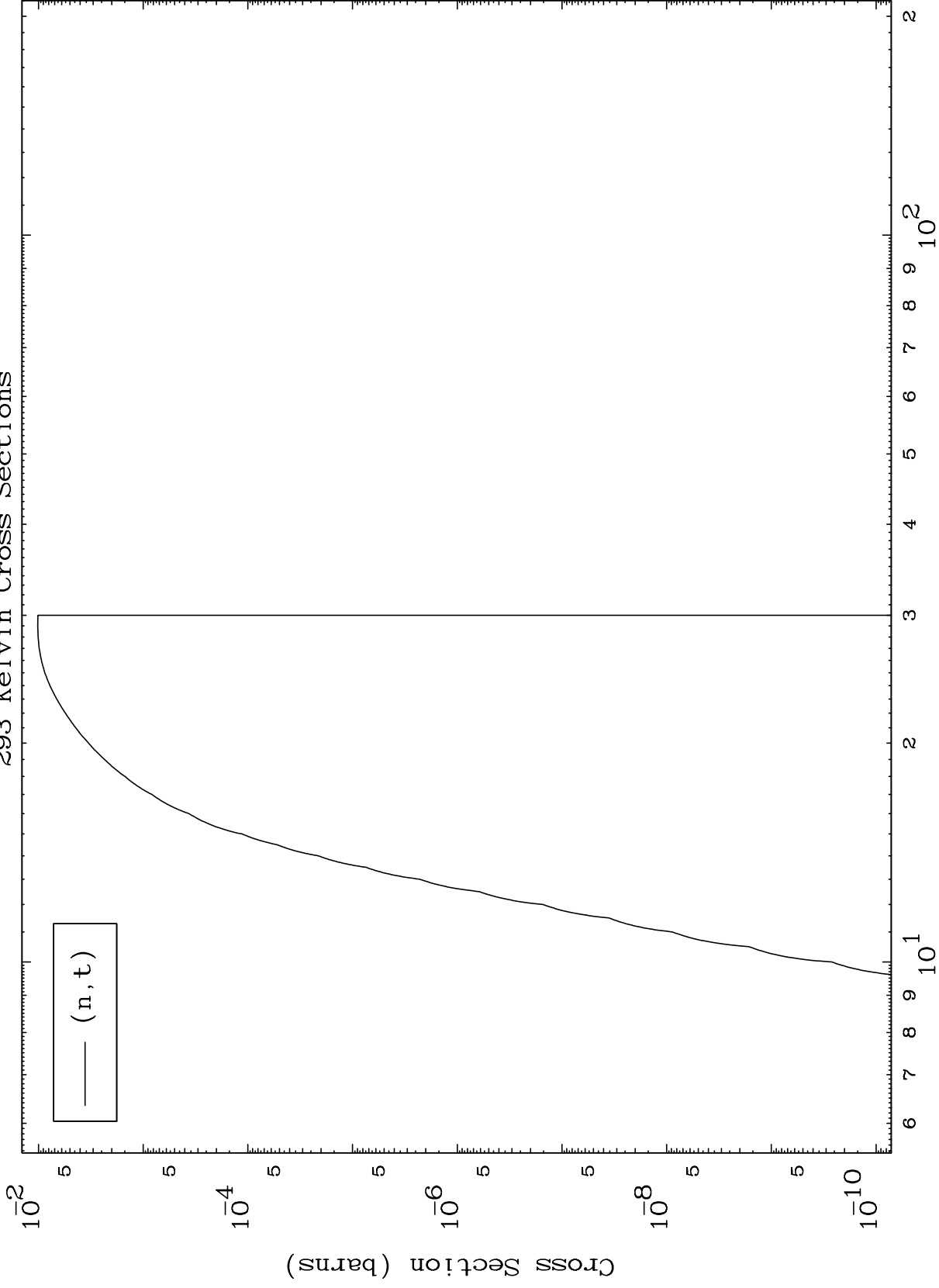
Incident Energy (MeV)

56-Ba-129

MAT 5622

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-129



14

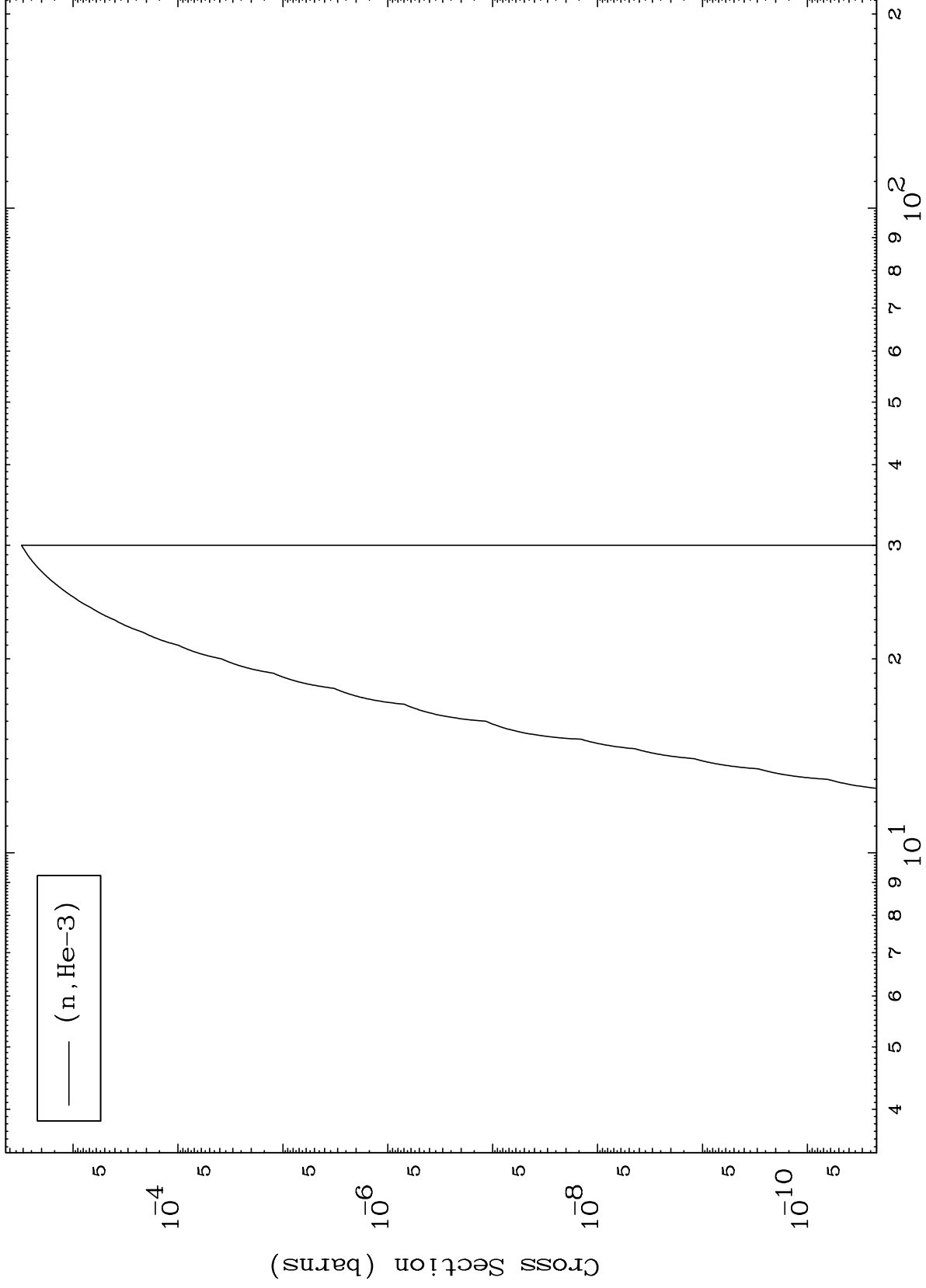
Incident Energy (MeV)

56-Ba-129

MAT 5622

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-129



15

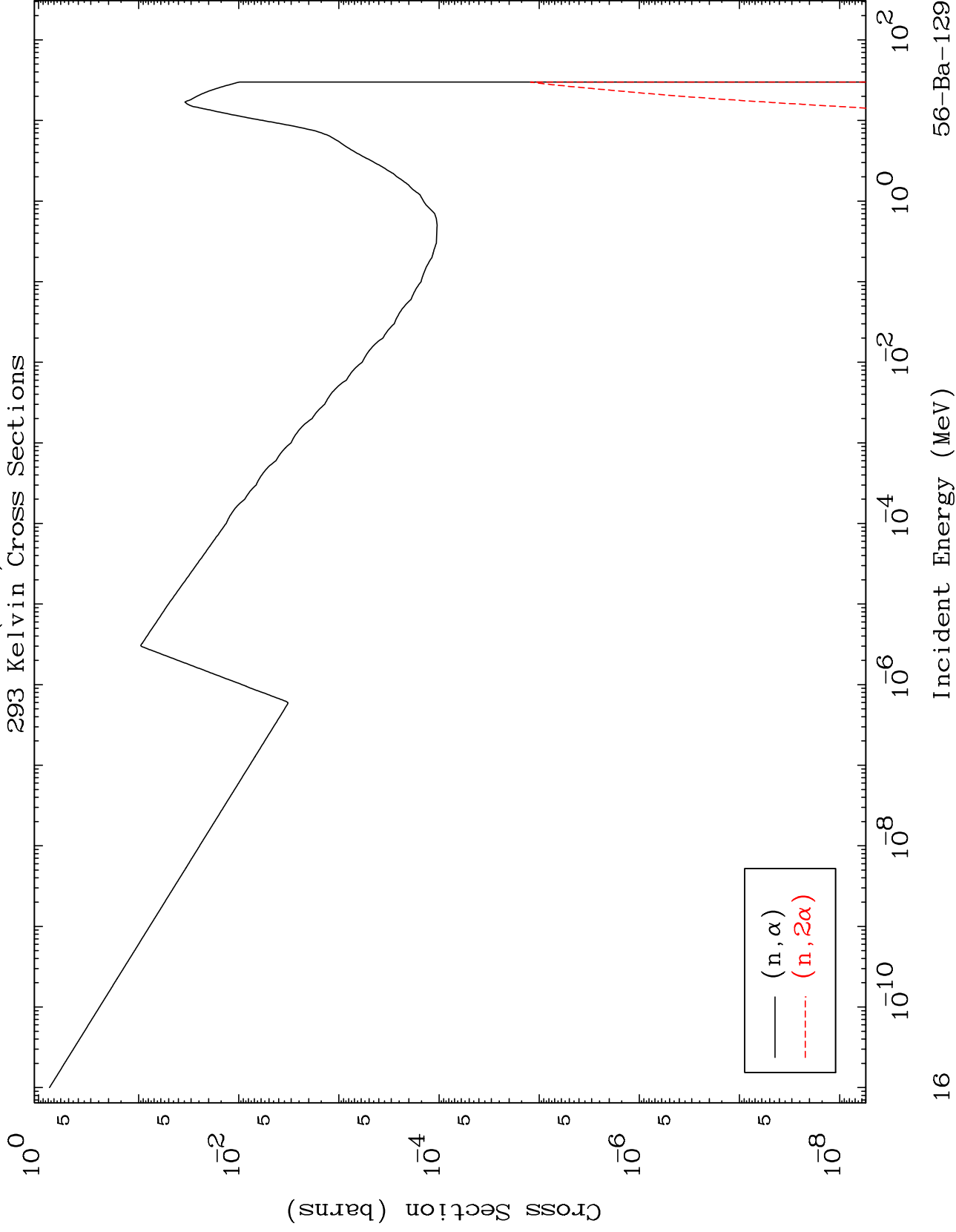
Incident Energy (MeV)

56-Ba-129

MAT 5622

(n, α) Levels
293 Kelvin Cross Sections

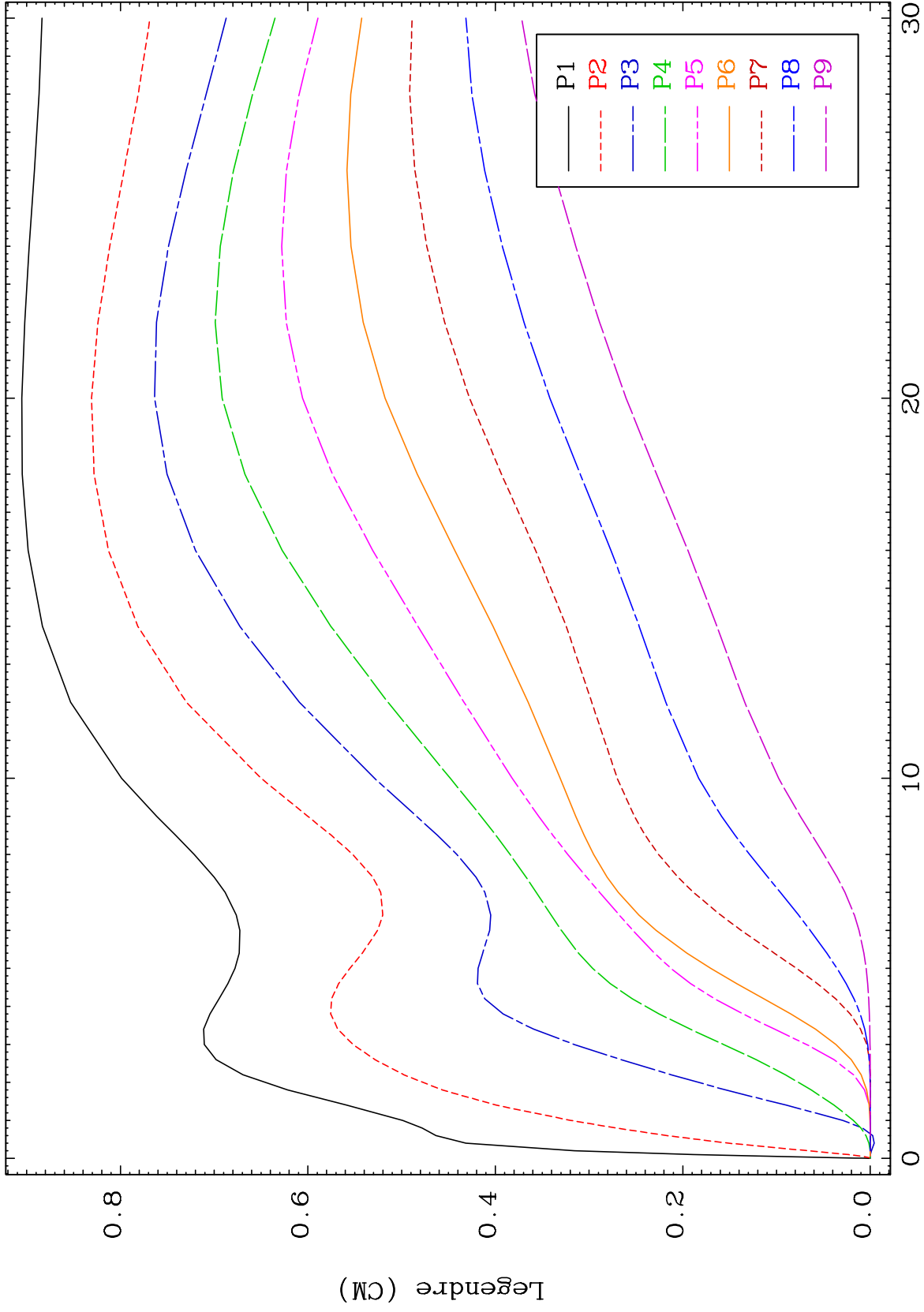
56-Ba-129



MAT 5622

Elastic Legendre Coefficients

56-Ba-129



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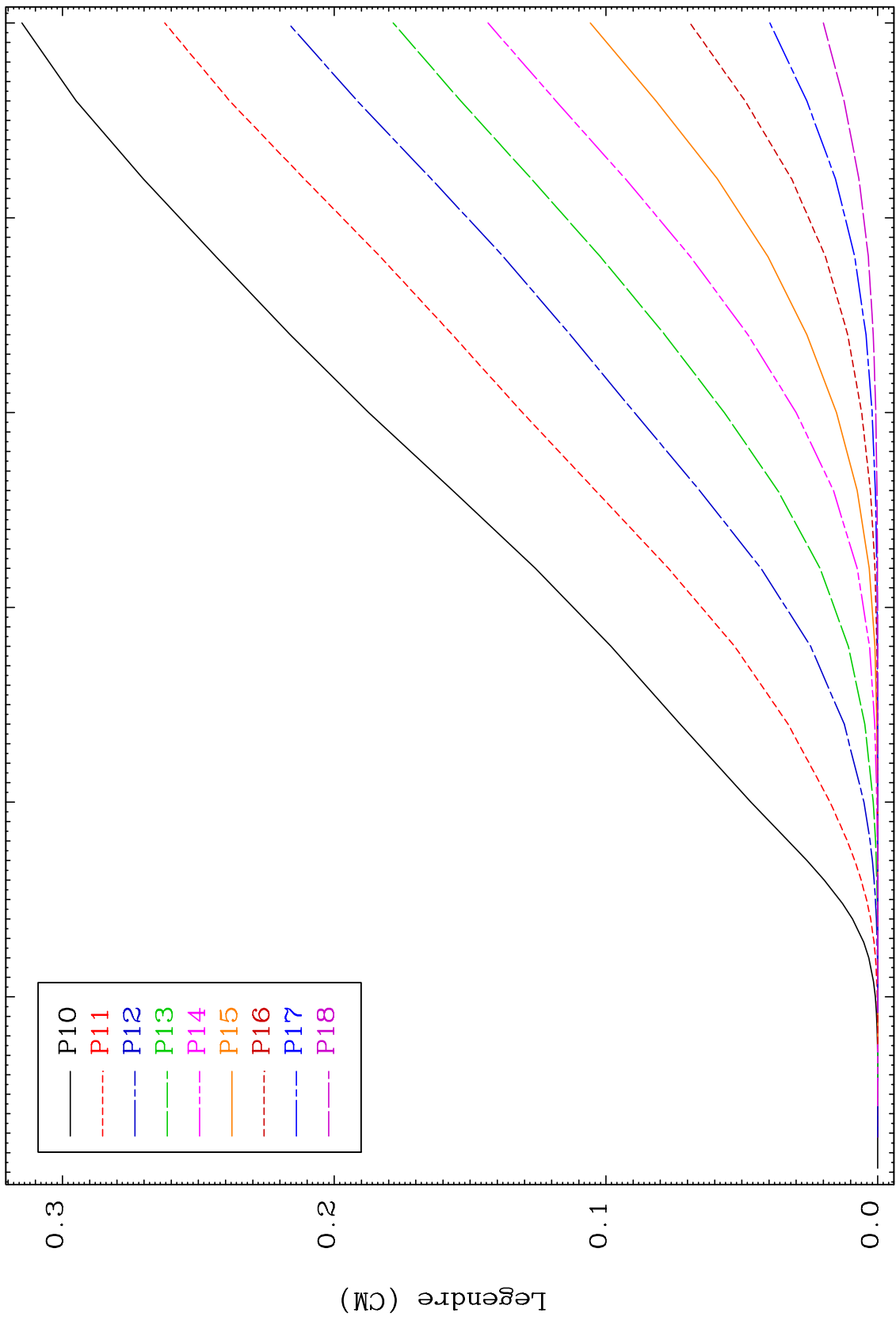
Incident Energy (MeV)

56-Ba-129

MAT 5622

Elastic Legendre Coefficients

56-Ba-129



18

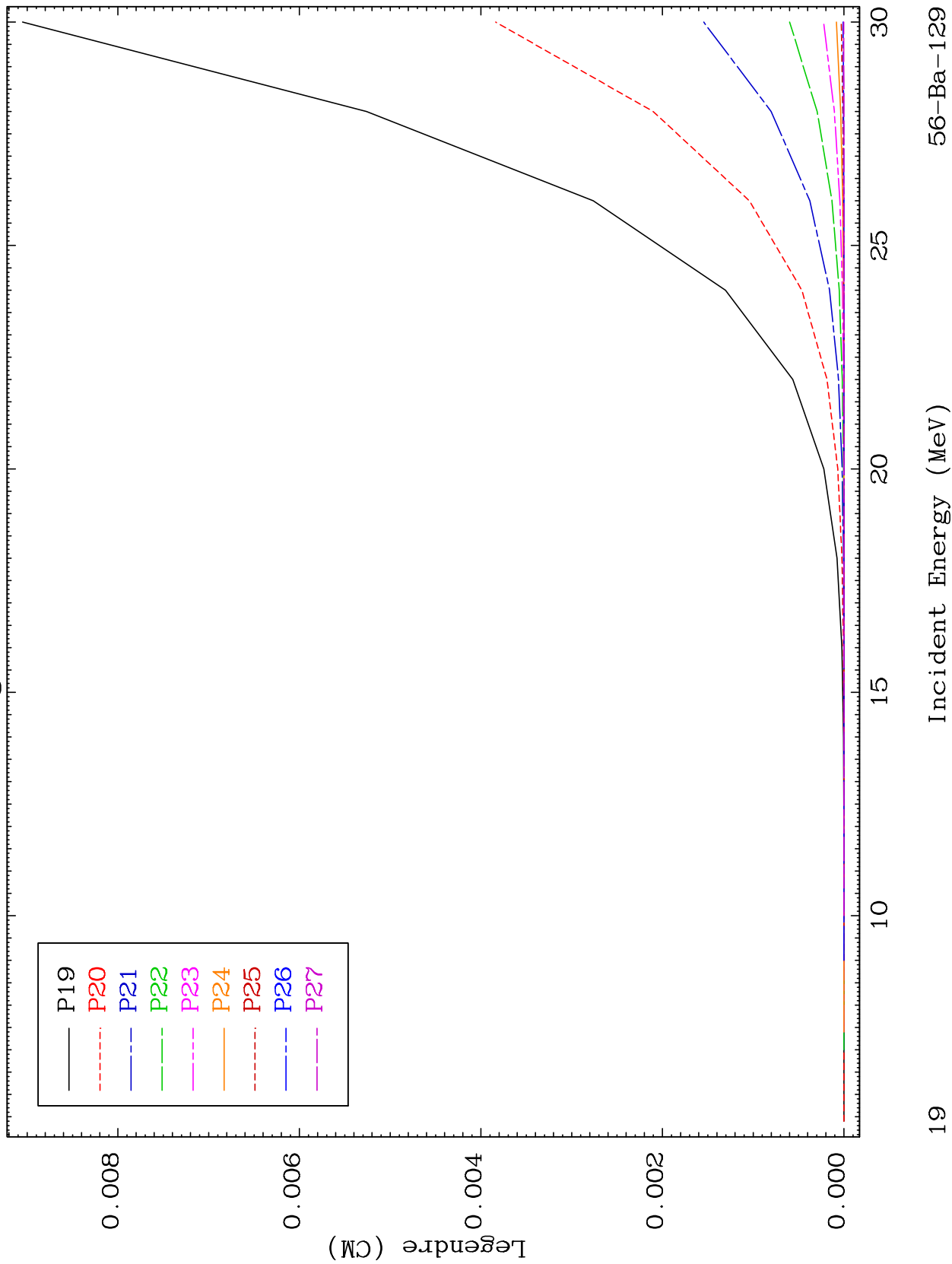
Incident Energy (MeV)

56-Ba-129

MAT 5622

Elastic Legendre Coefficients

56-Ba-129



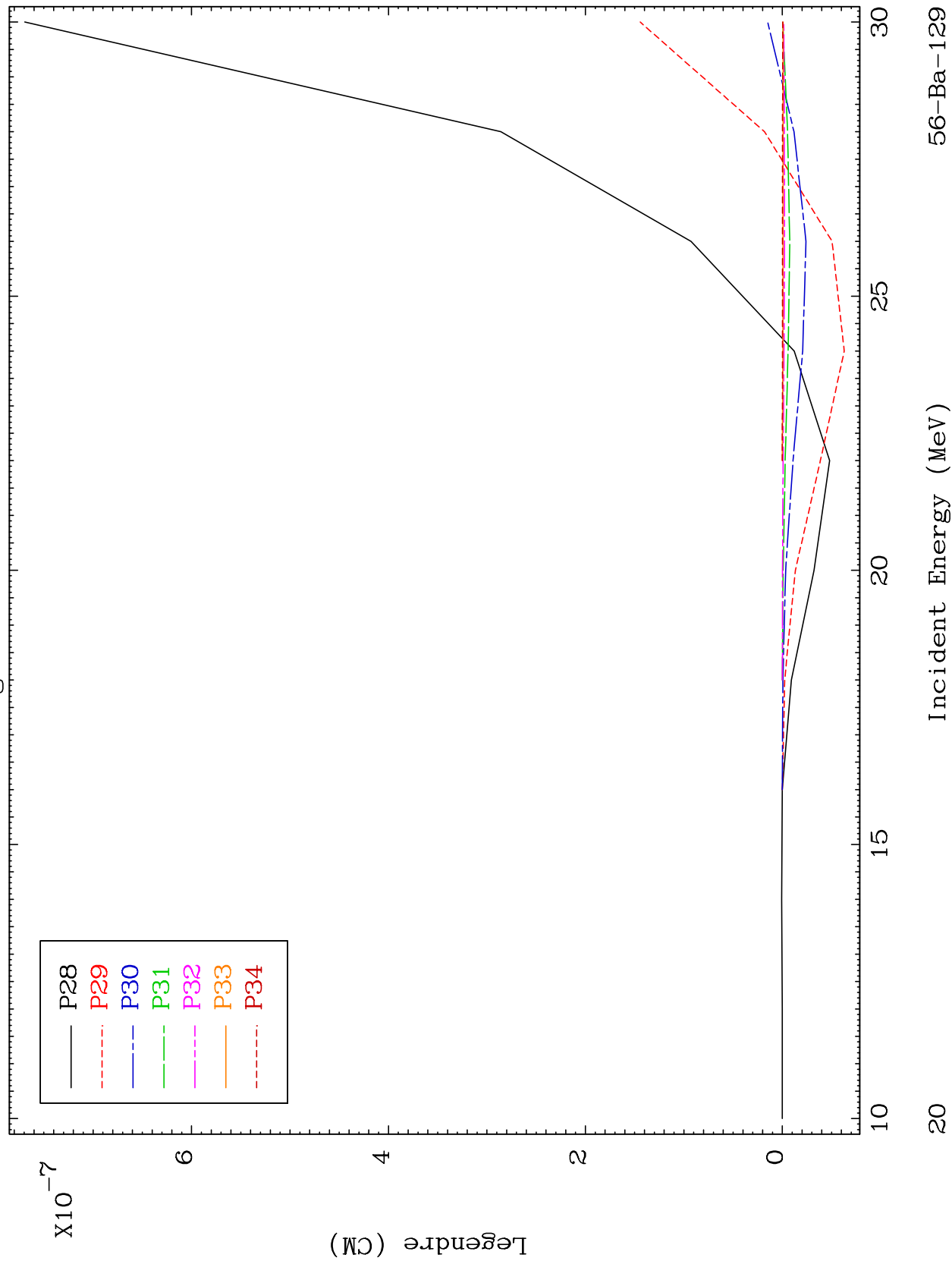
19

56-Ba-129

MAT 5622

Elastic Legendre Coefficients

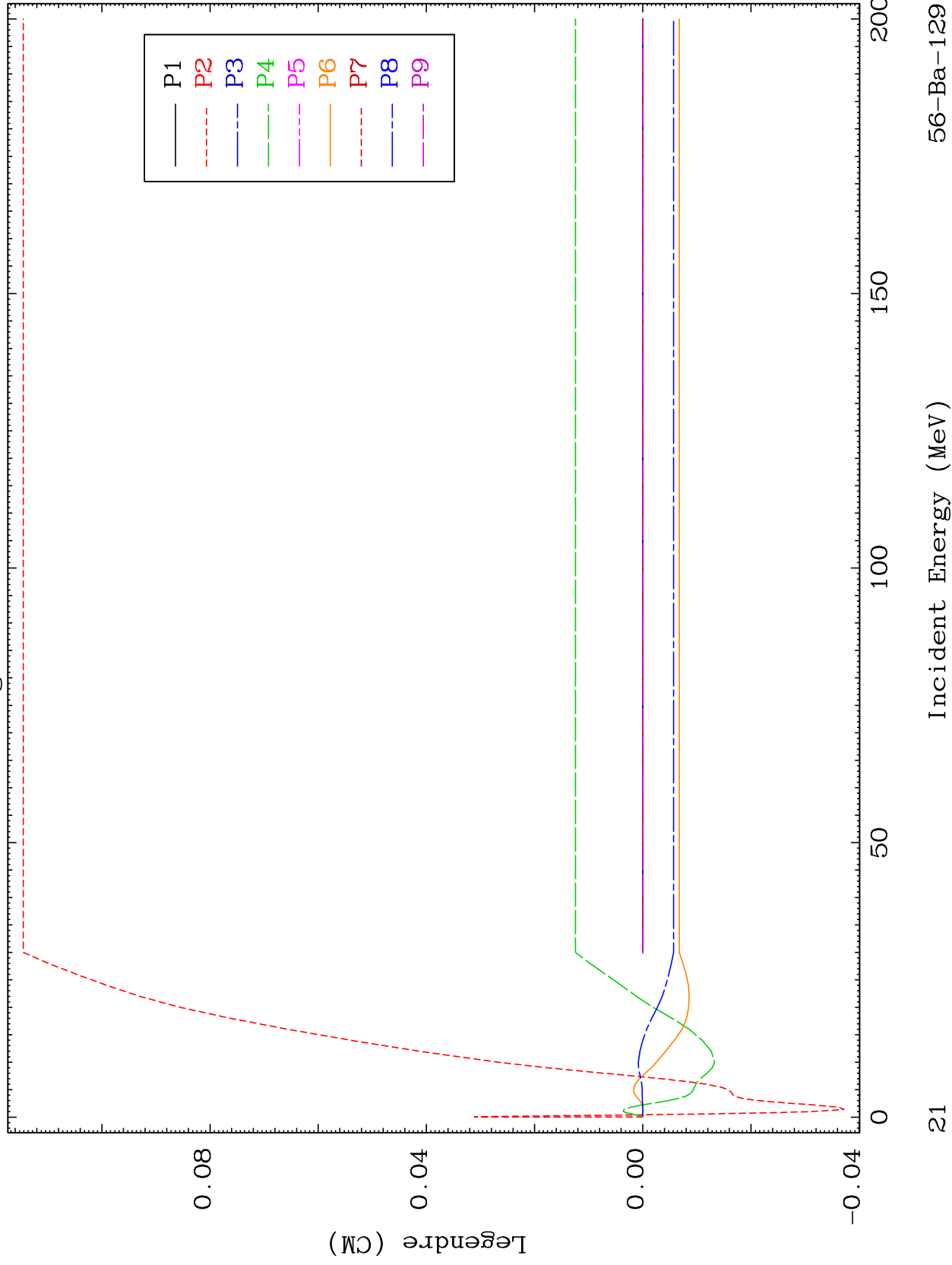
56-Ba-129



MAT 5622

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

56-Ba-129



56-Ba-129

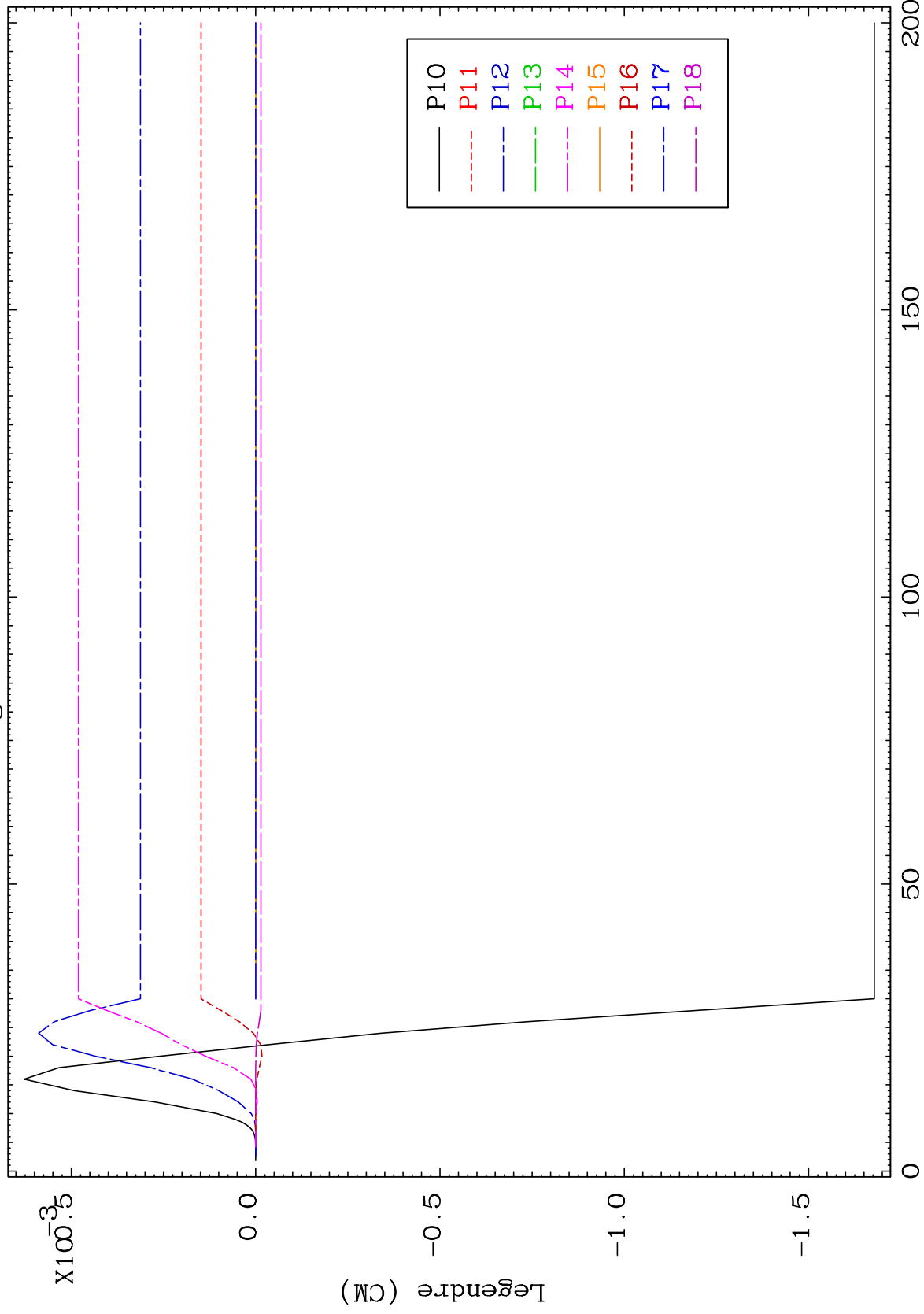
Incident Energy (MeV)

21

MAT 5622

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

56-Ba-129



22

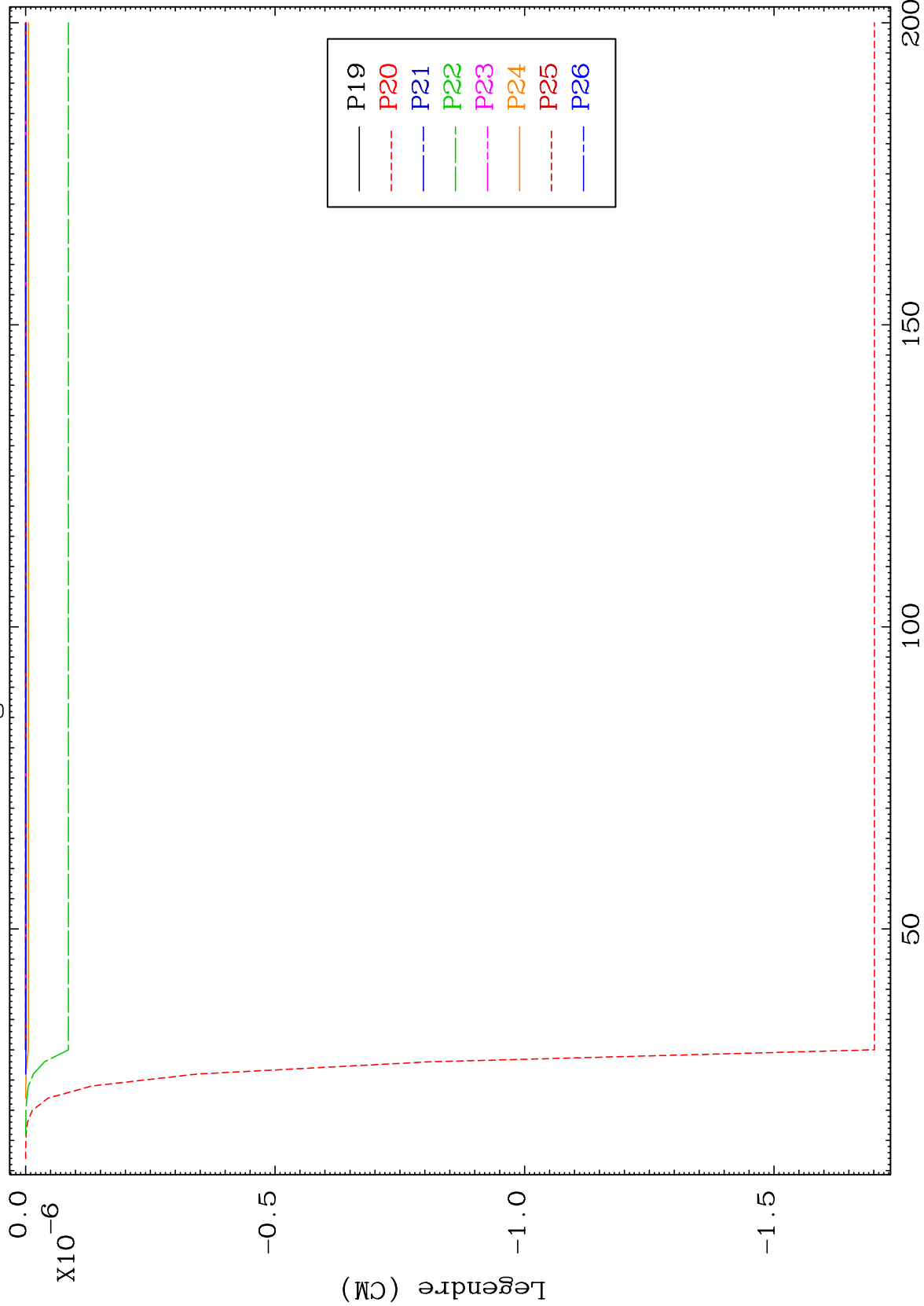
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

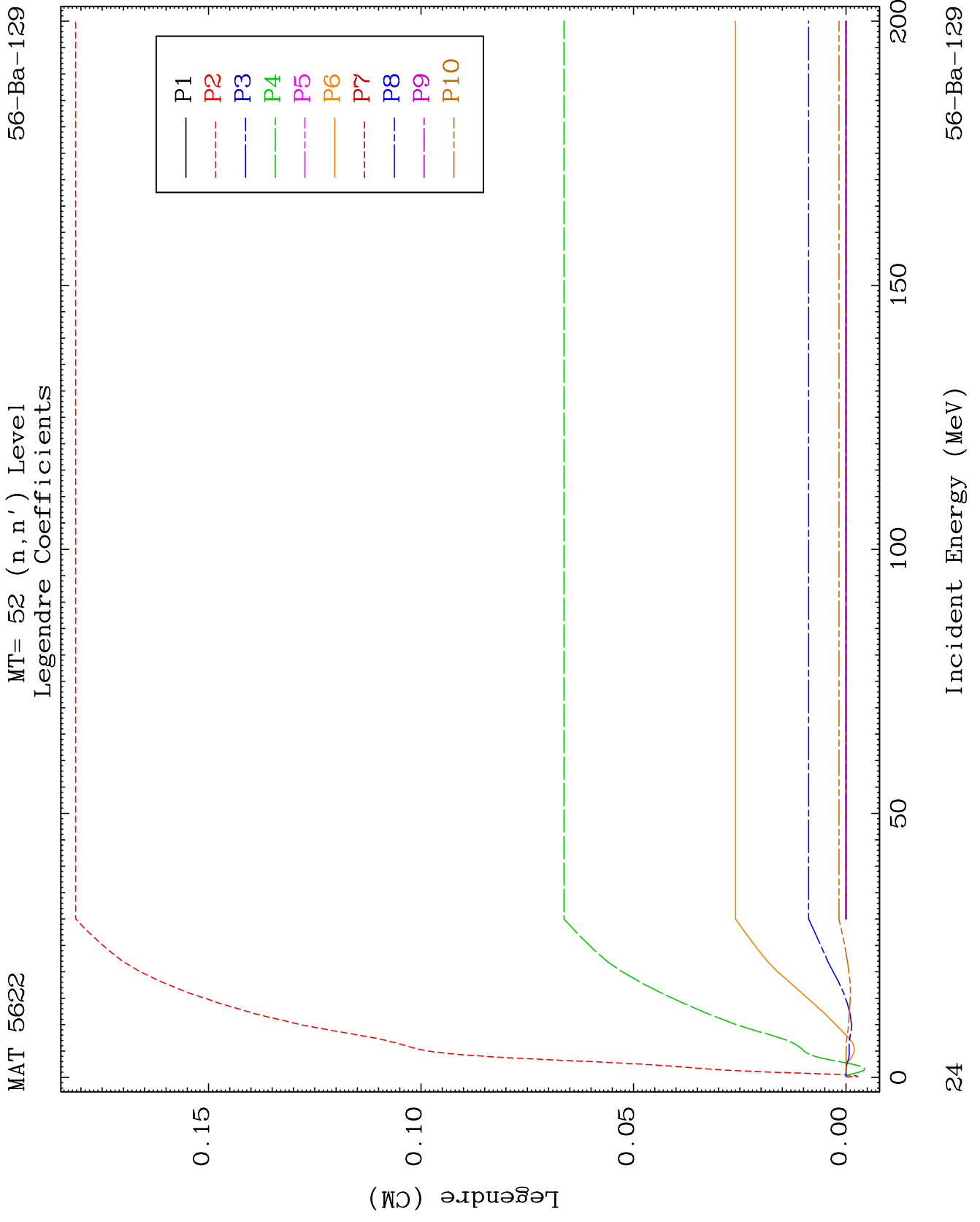
56-Ba-129



56-Ba-129

Incident Energy (MeV)

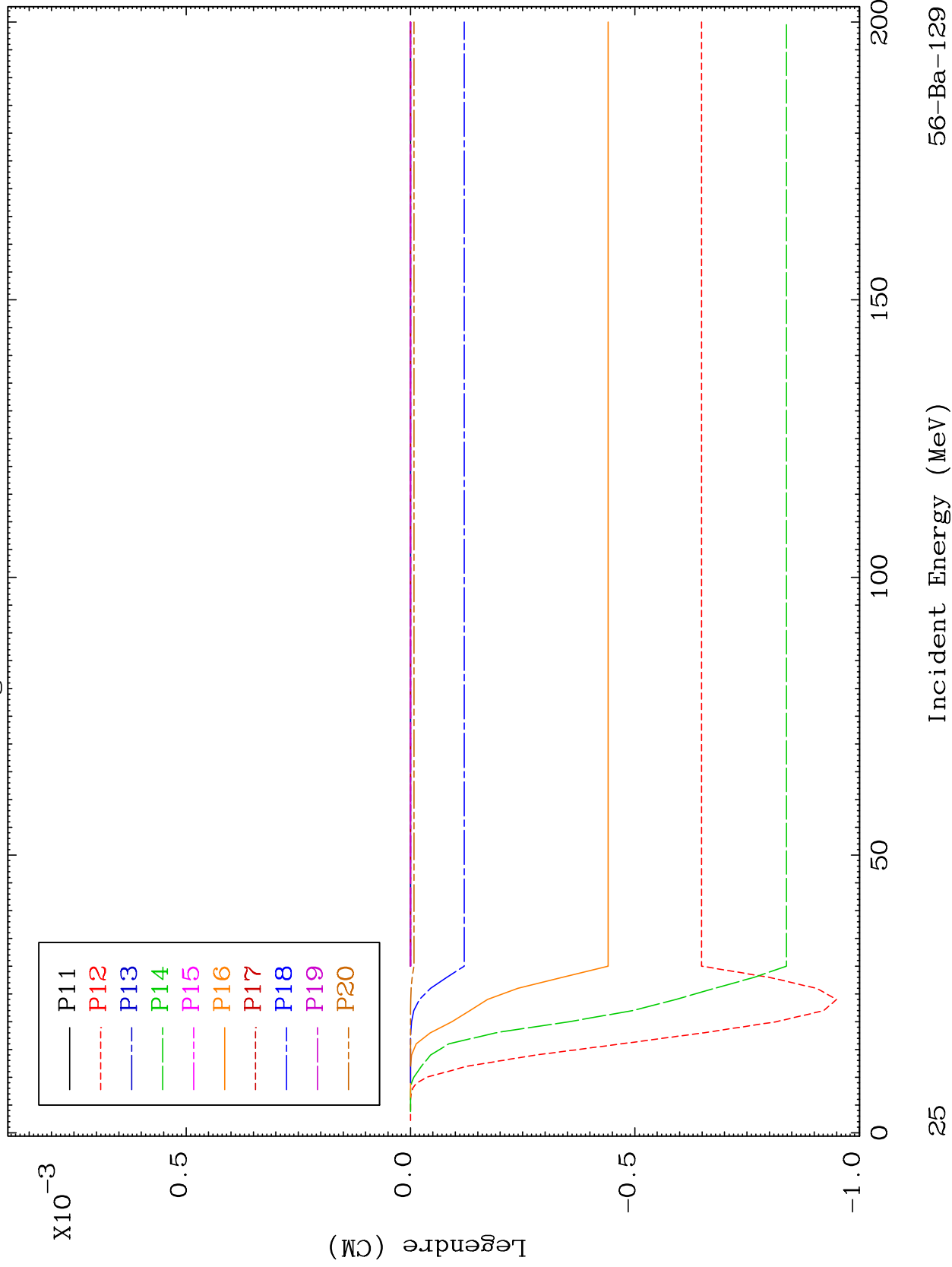
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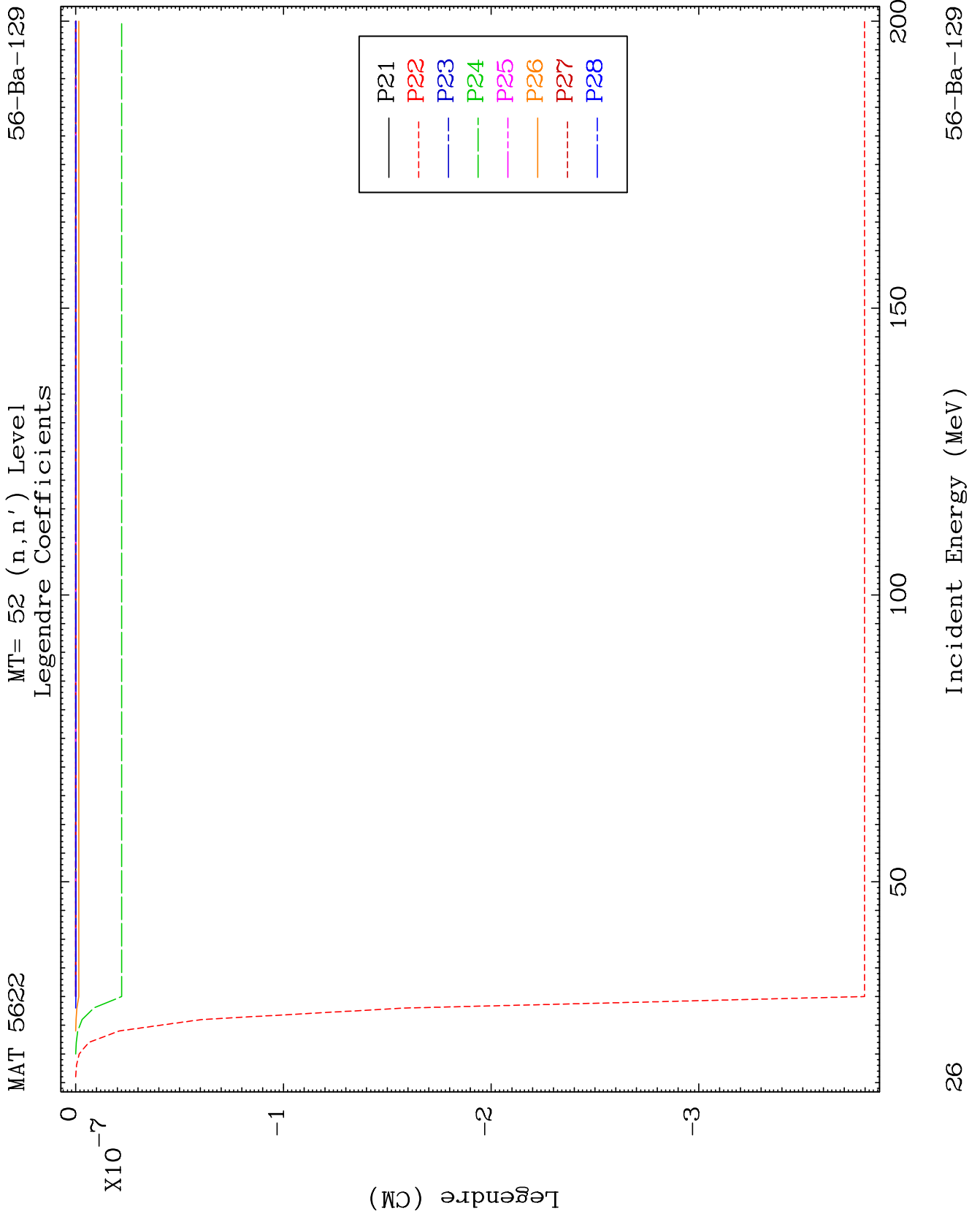


MAT 5622

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

56-Ba-129

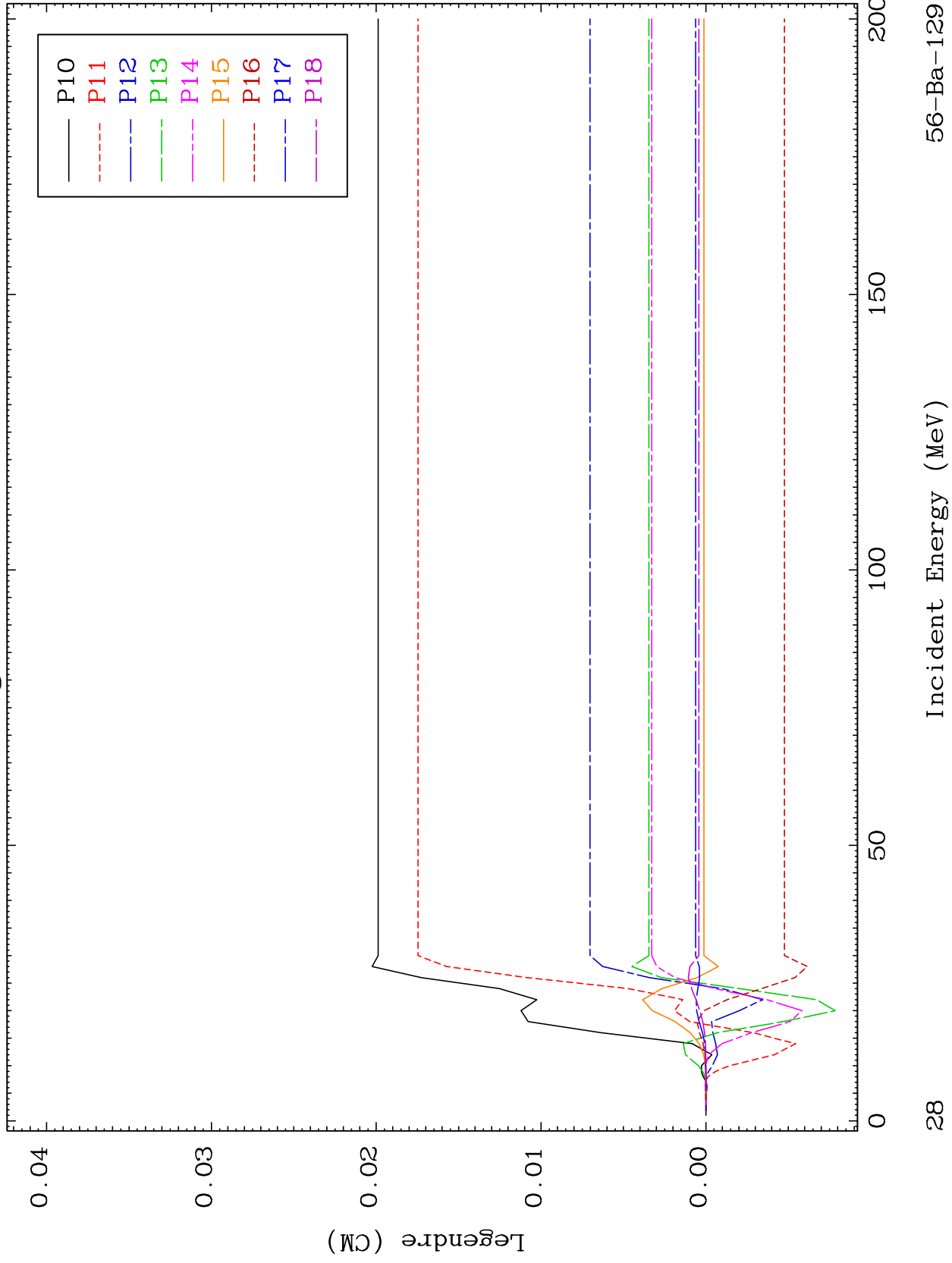




MAT 5622

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

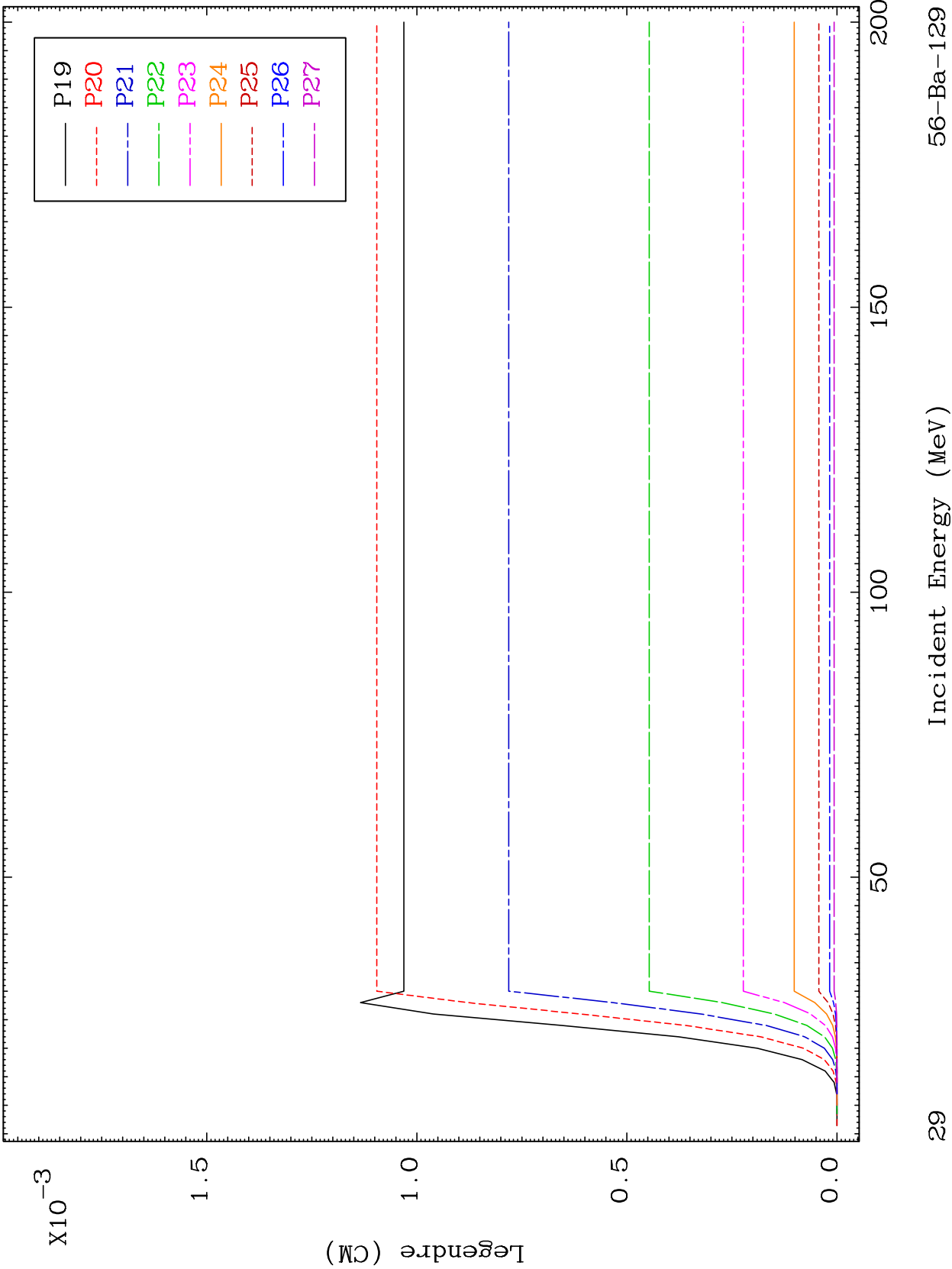
56-Ba-129



56-Ba-129

Incident Energy (MeV)

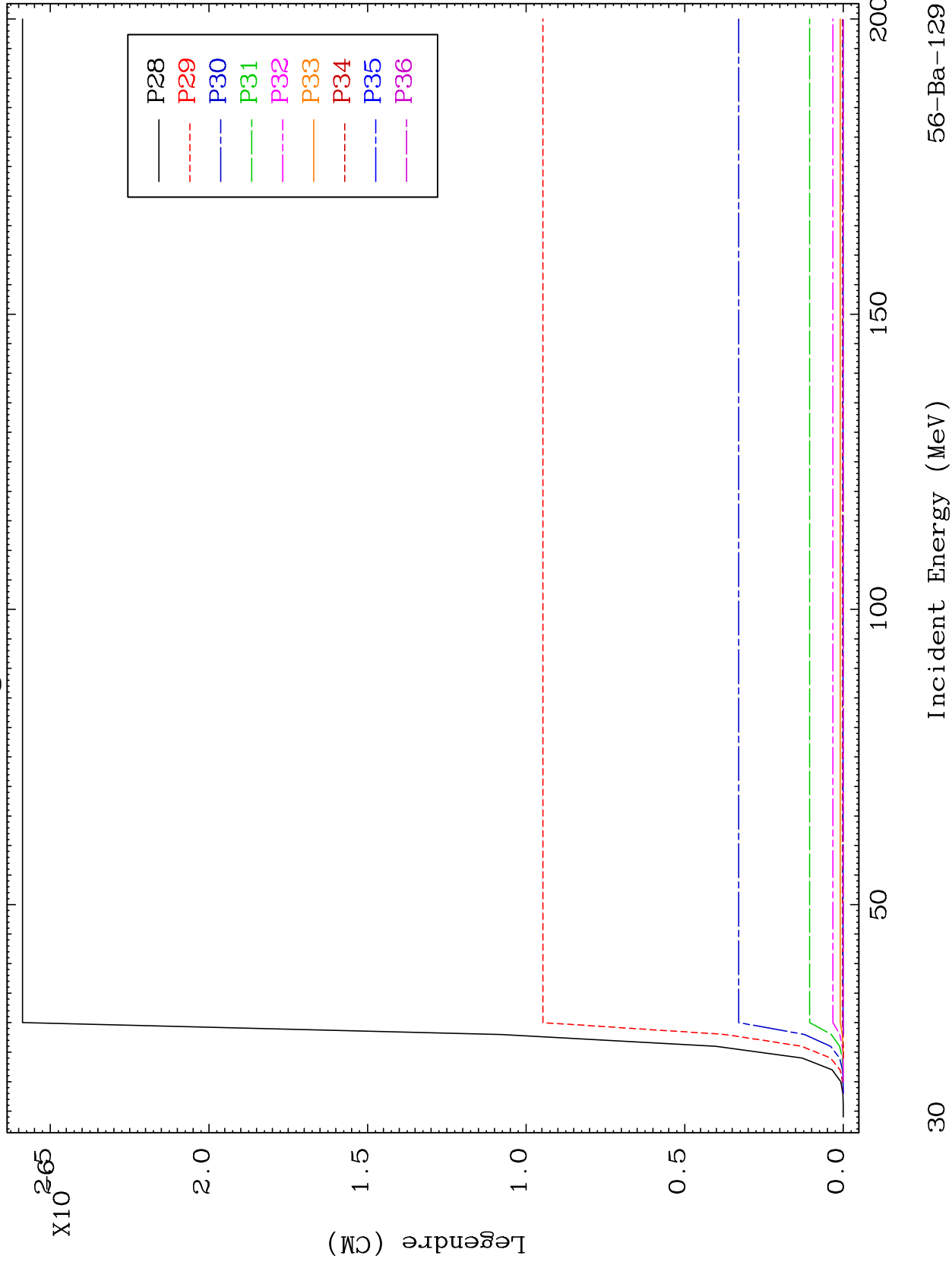
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MAT 5622

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

56-Ba-129

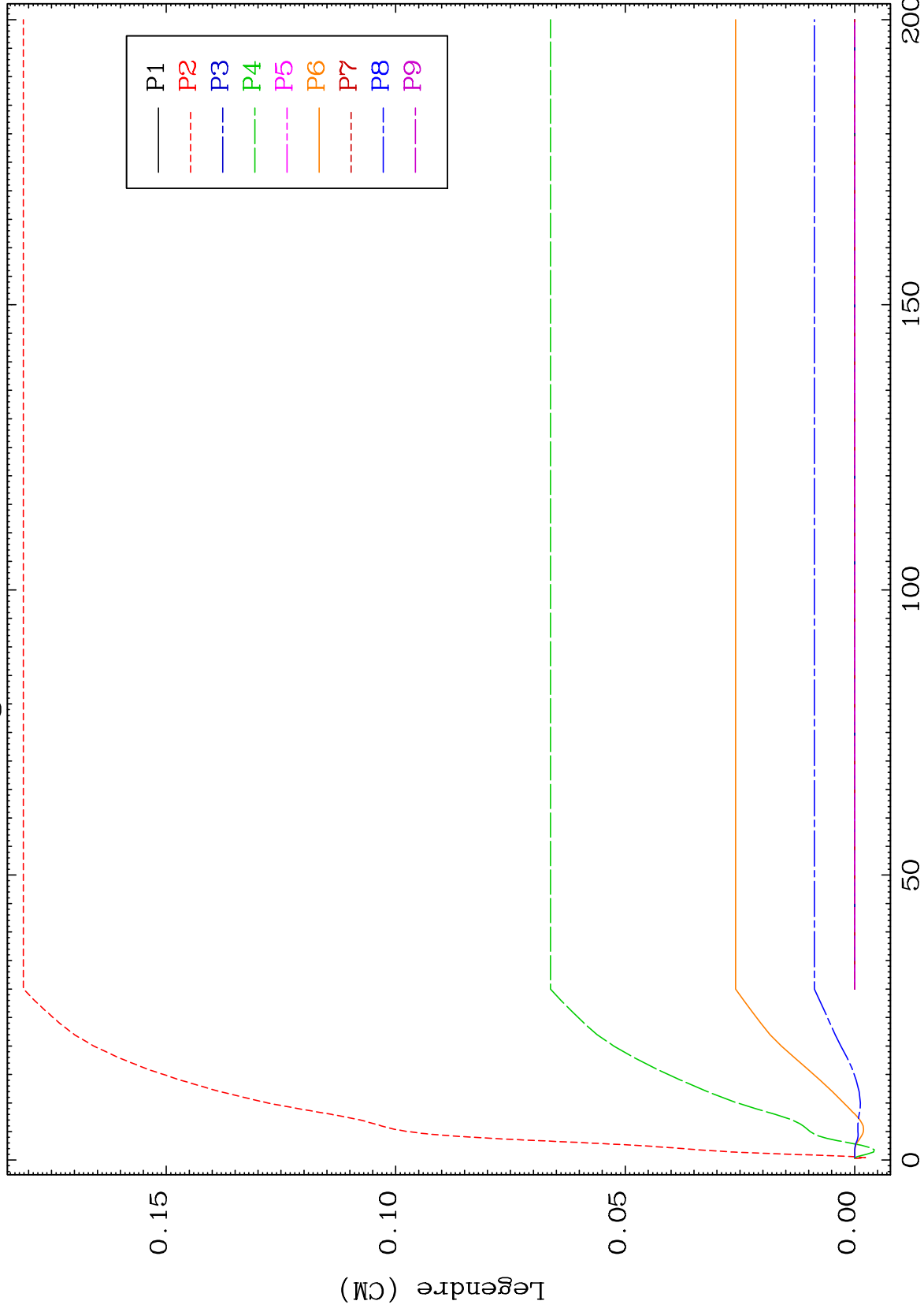


MAT 5622

MT= 54 (n,n') Level

56-Ba-129

Legendre Coefficients



31

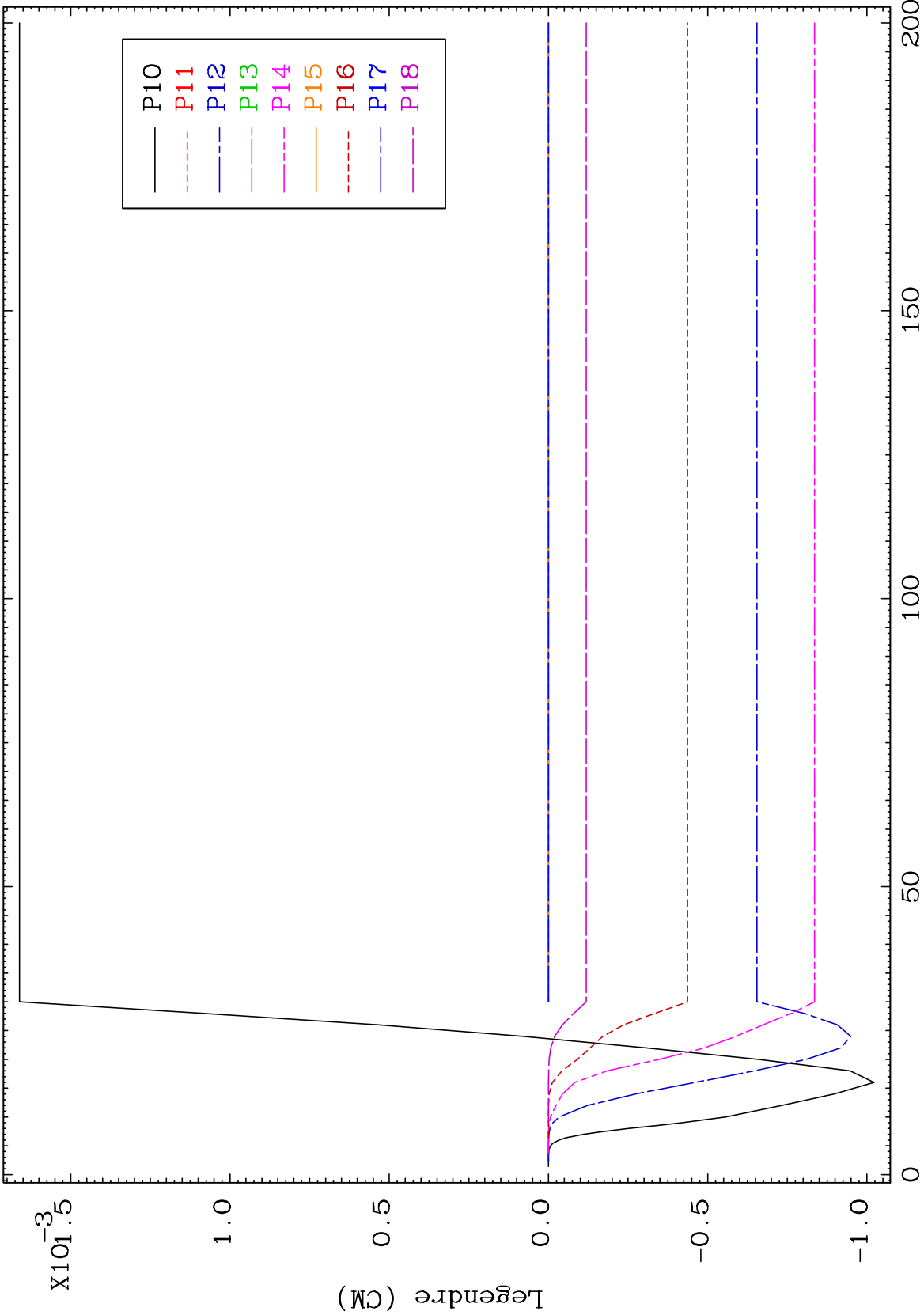
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

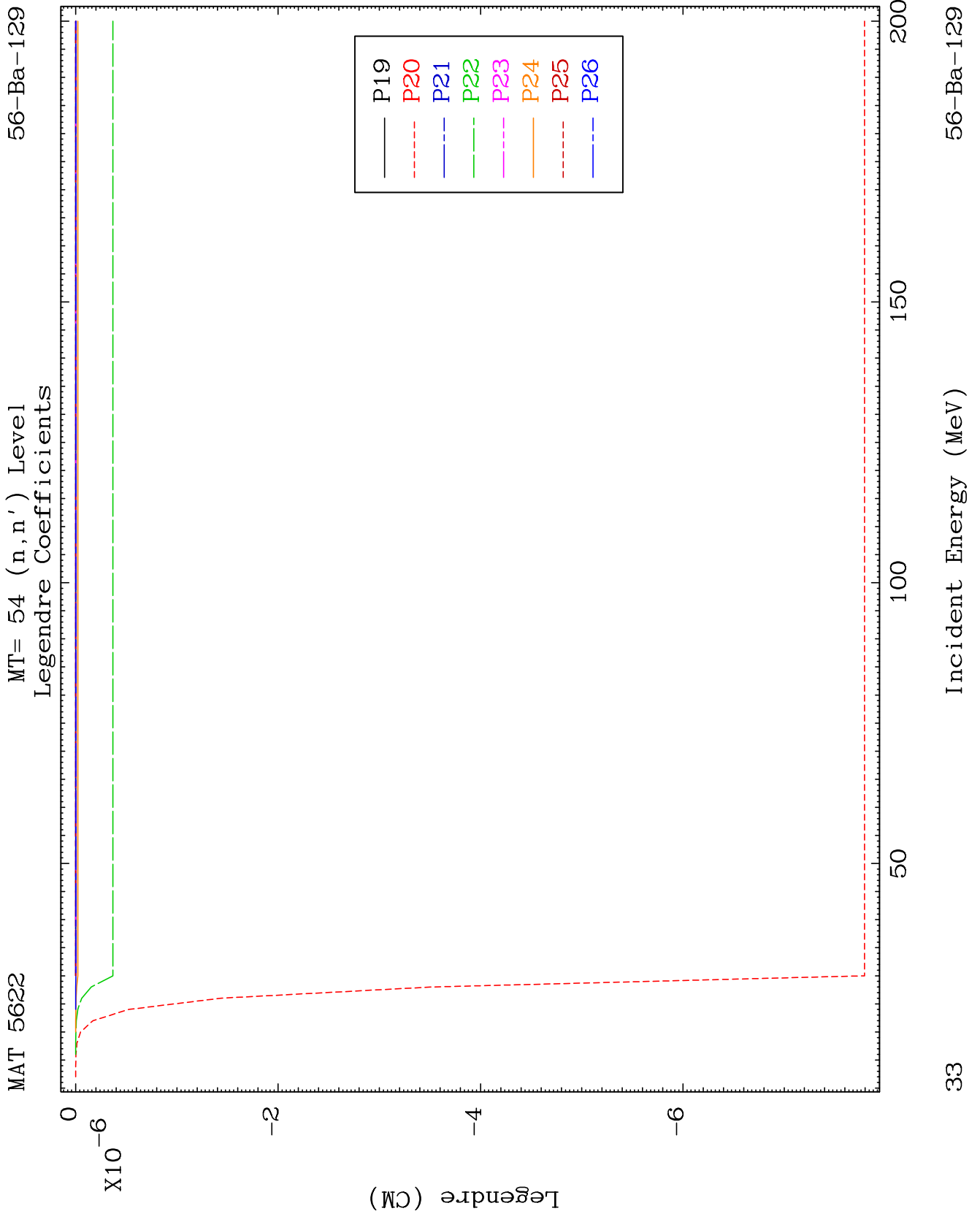
56-Ba-129



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Incident Energy (MeV)

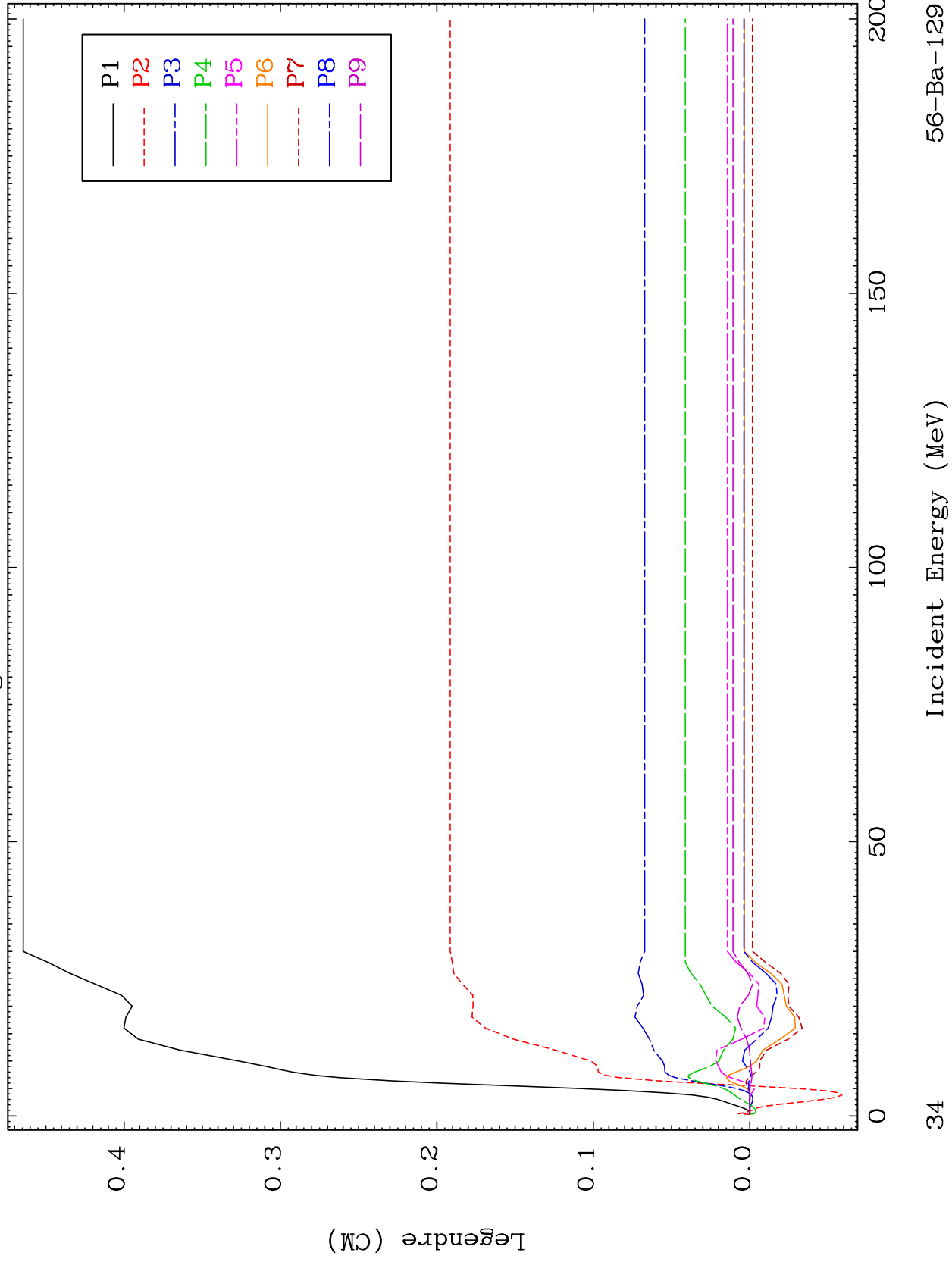
56-Ba-129



MAT 5622

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

56-Ba-129



34

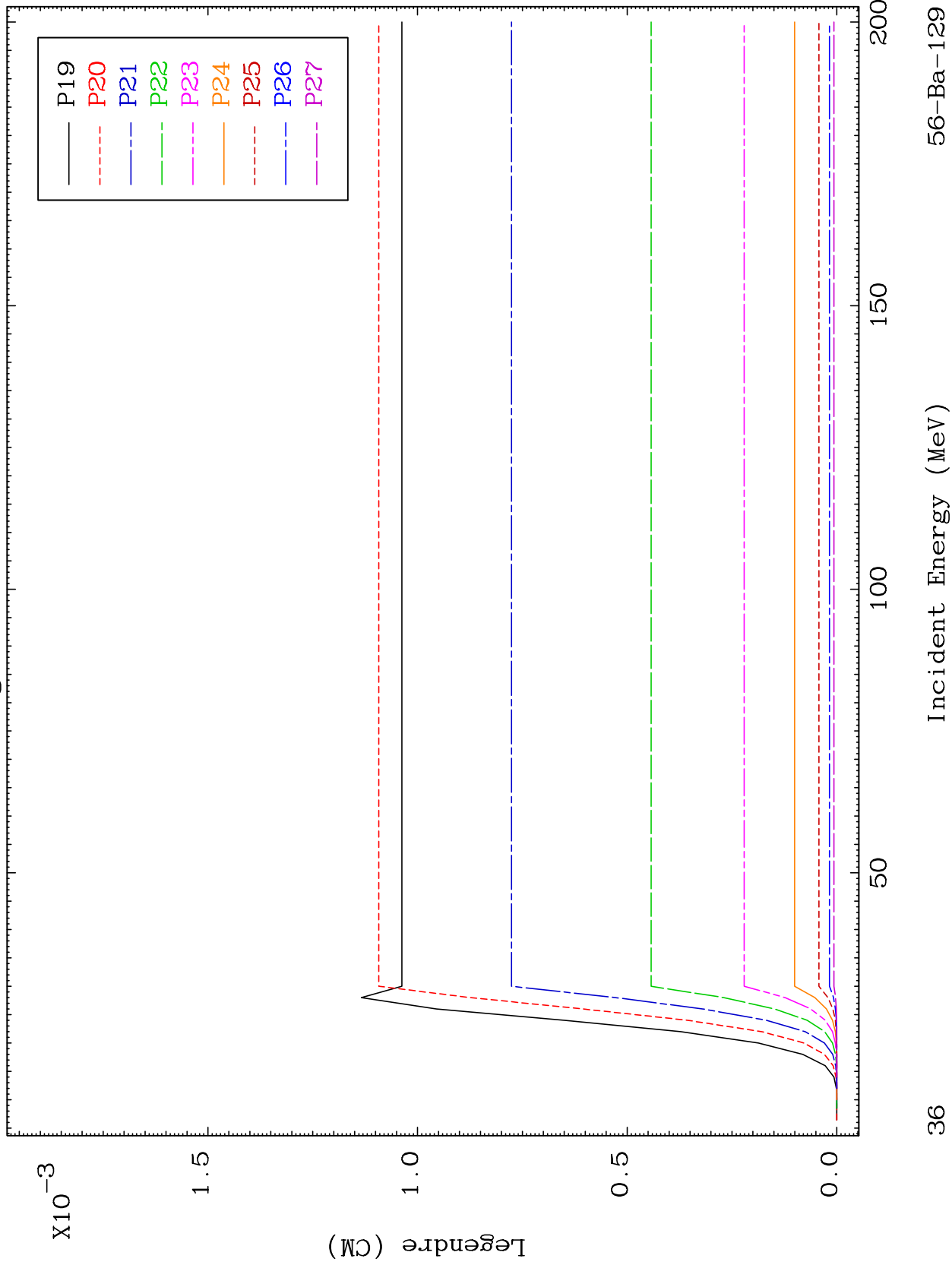
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

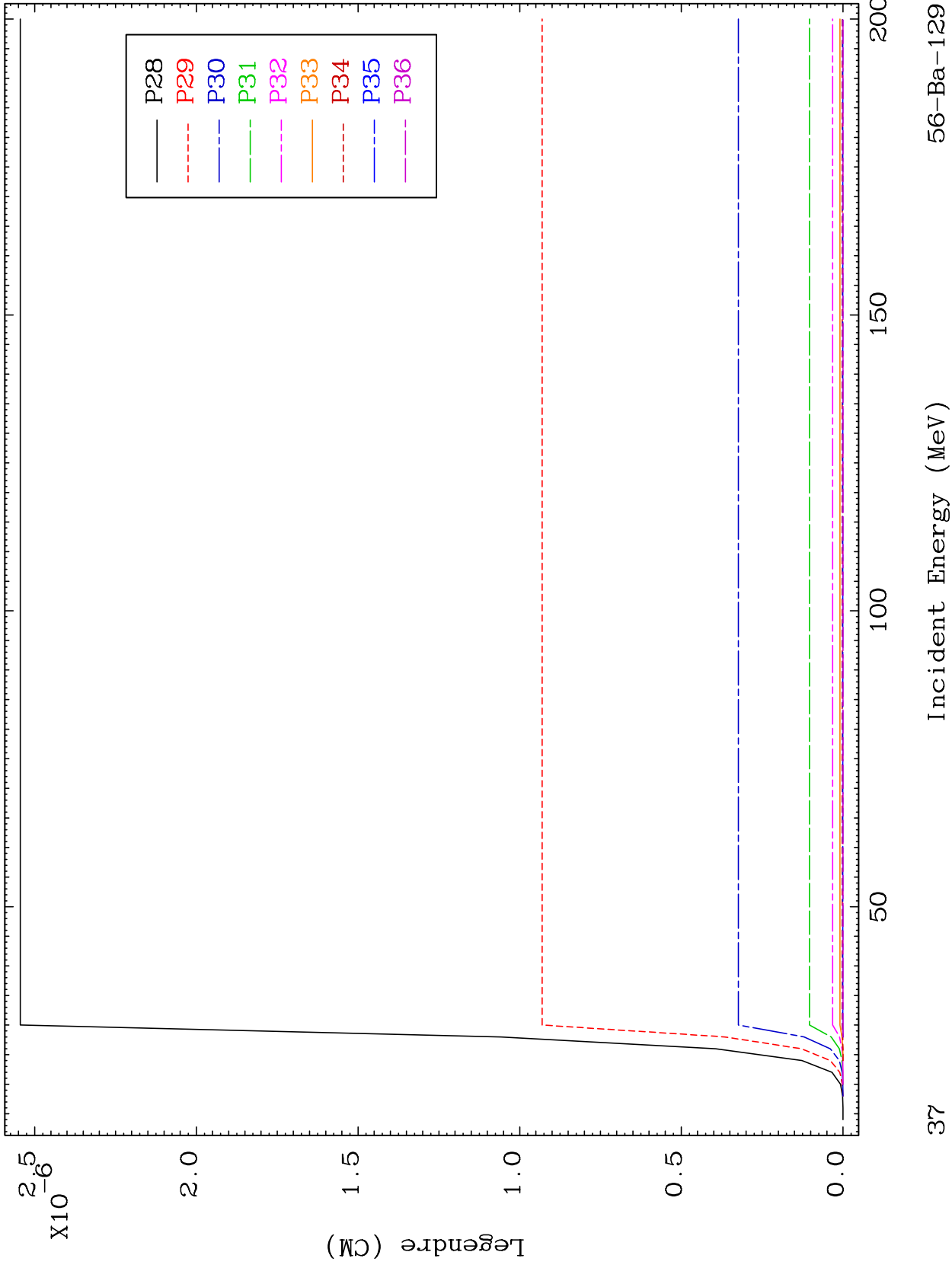
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MAT 5622

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

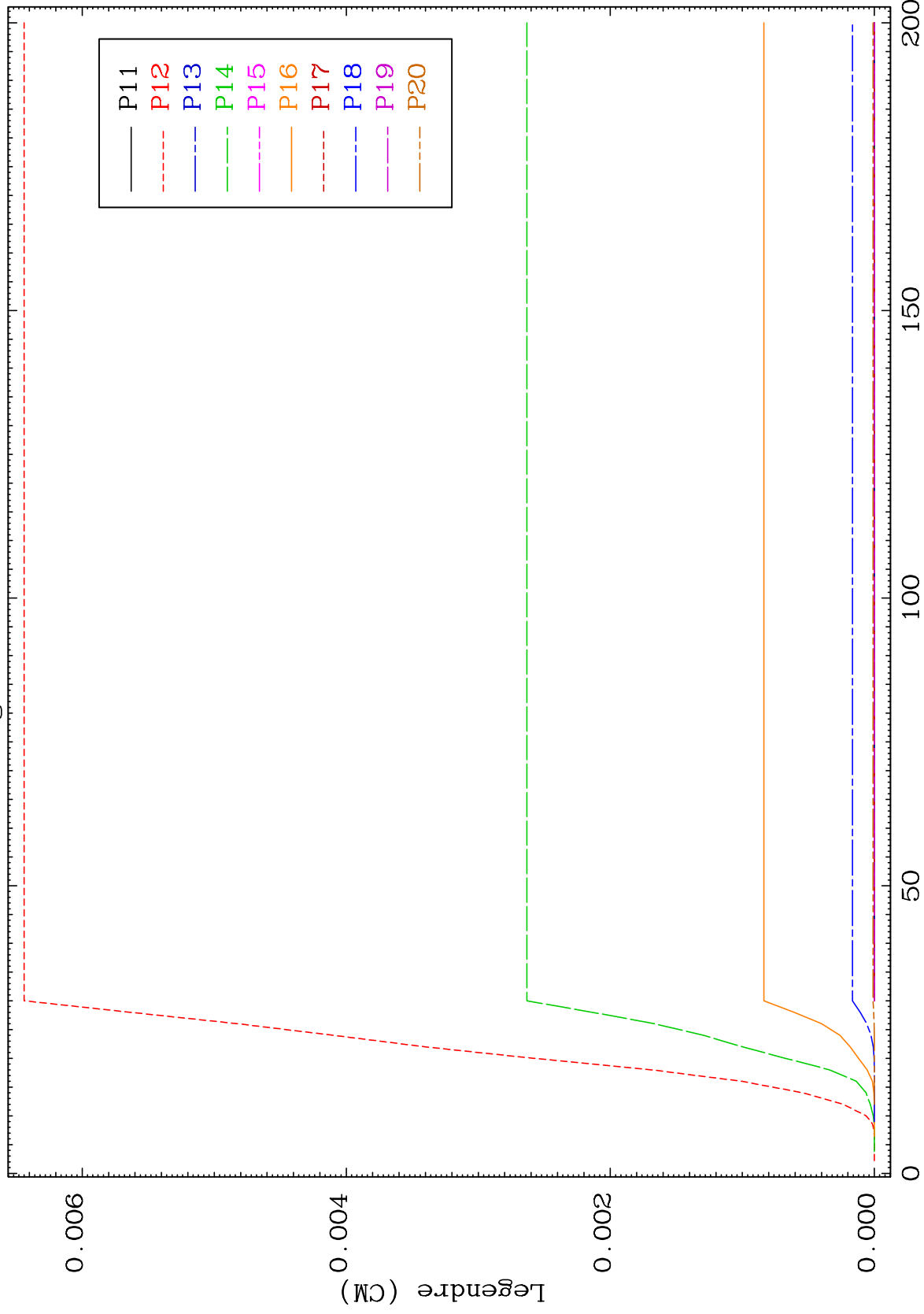
56-Ba-129



MAT 5622

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

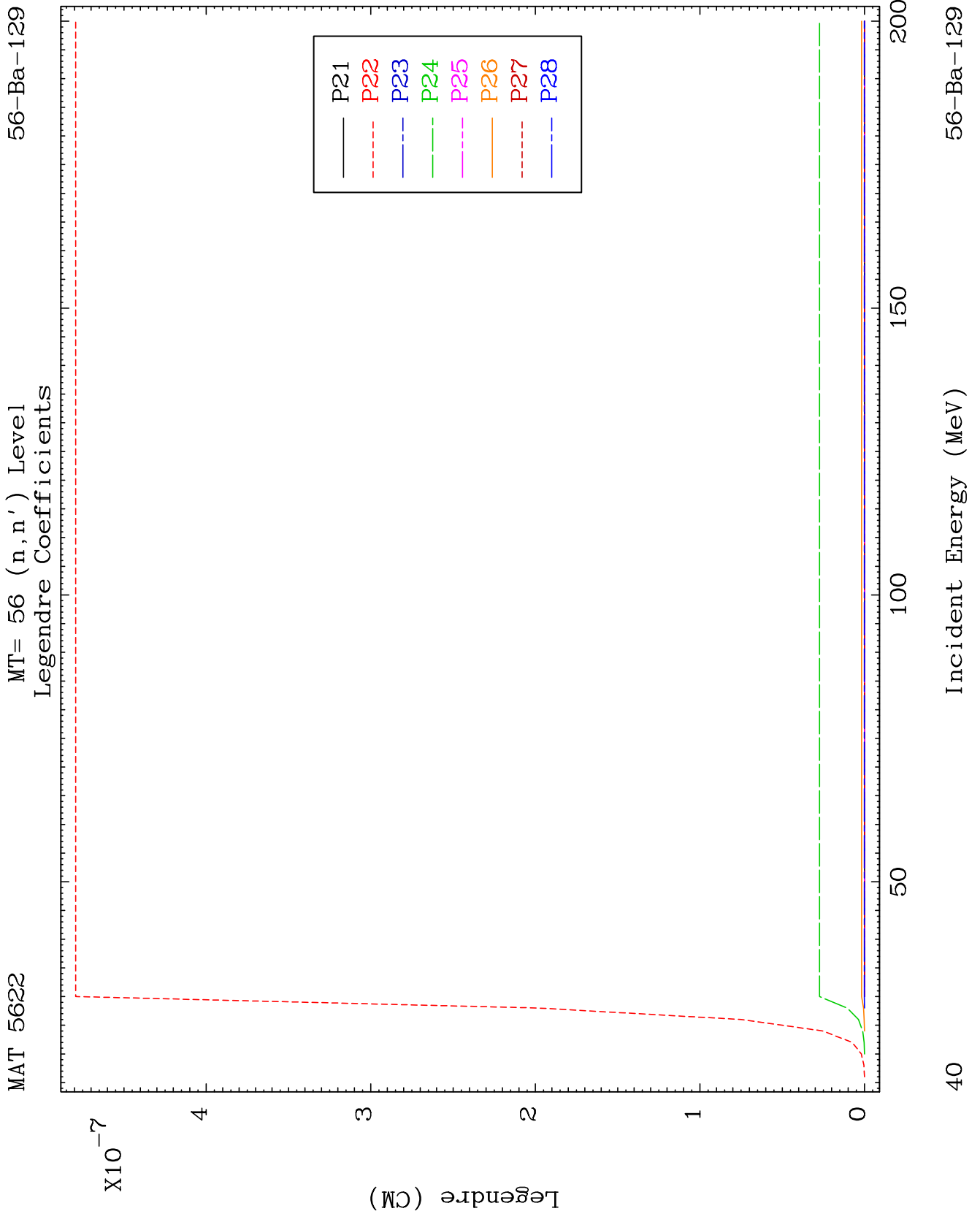
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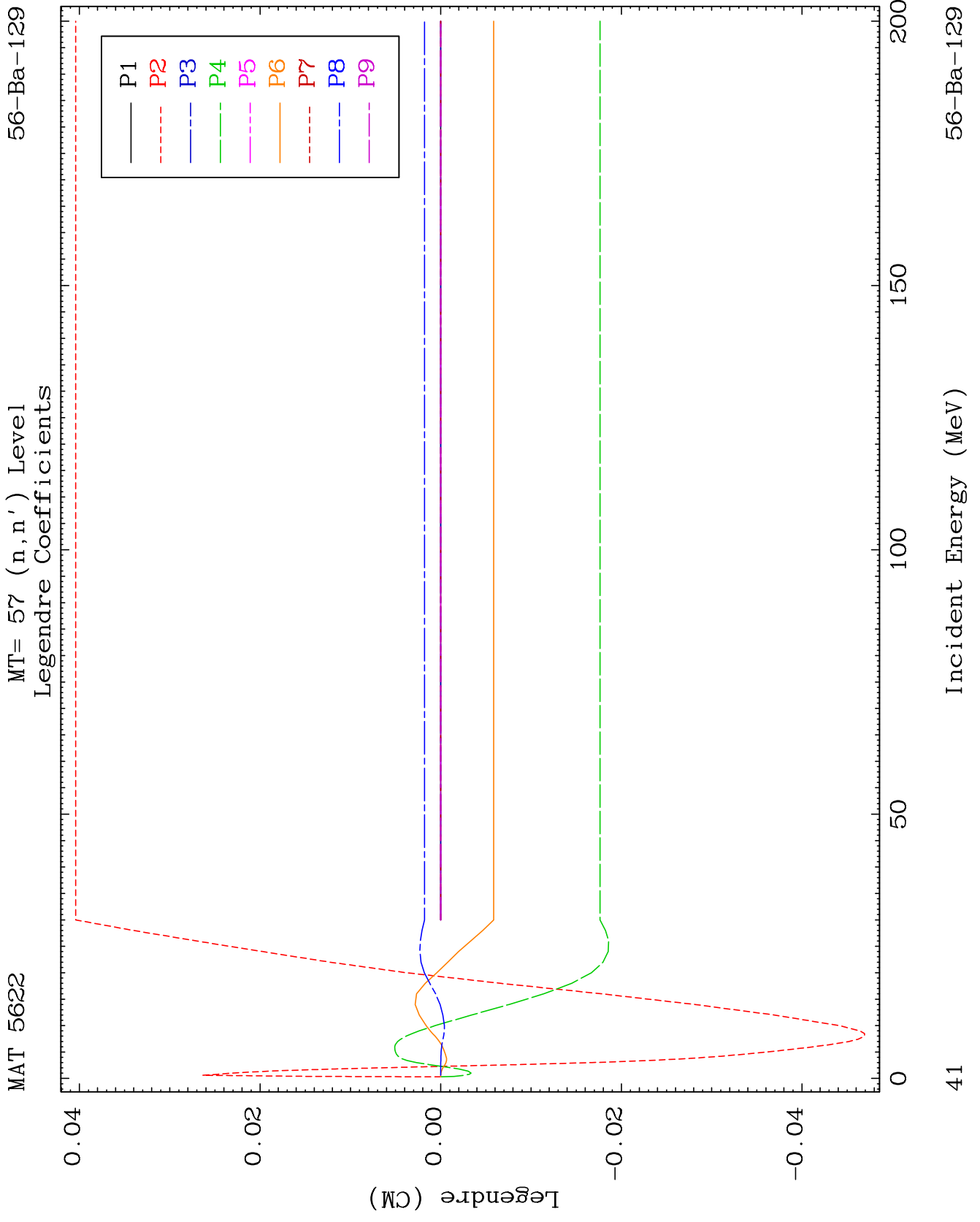


39

Incident Energy (MeV)

56-Ba-129

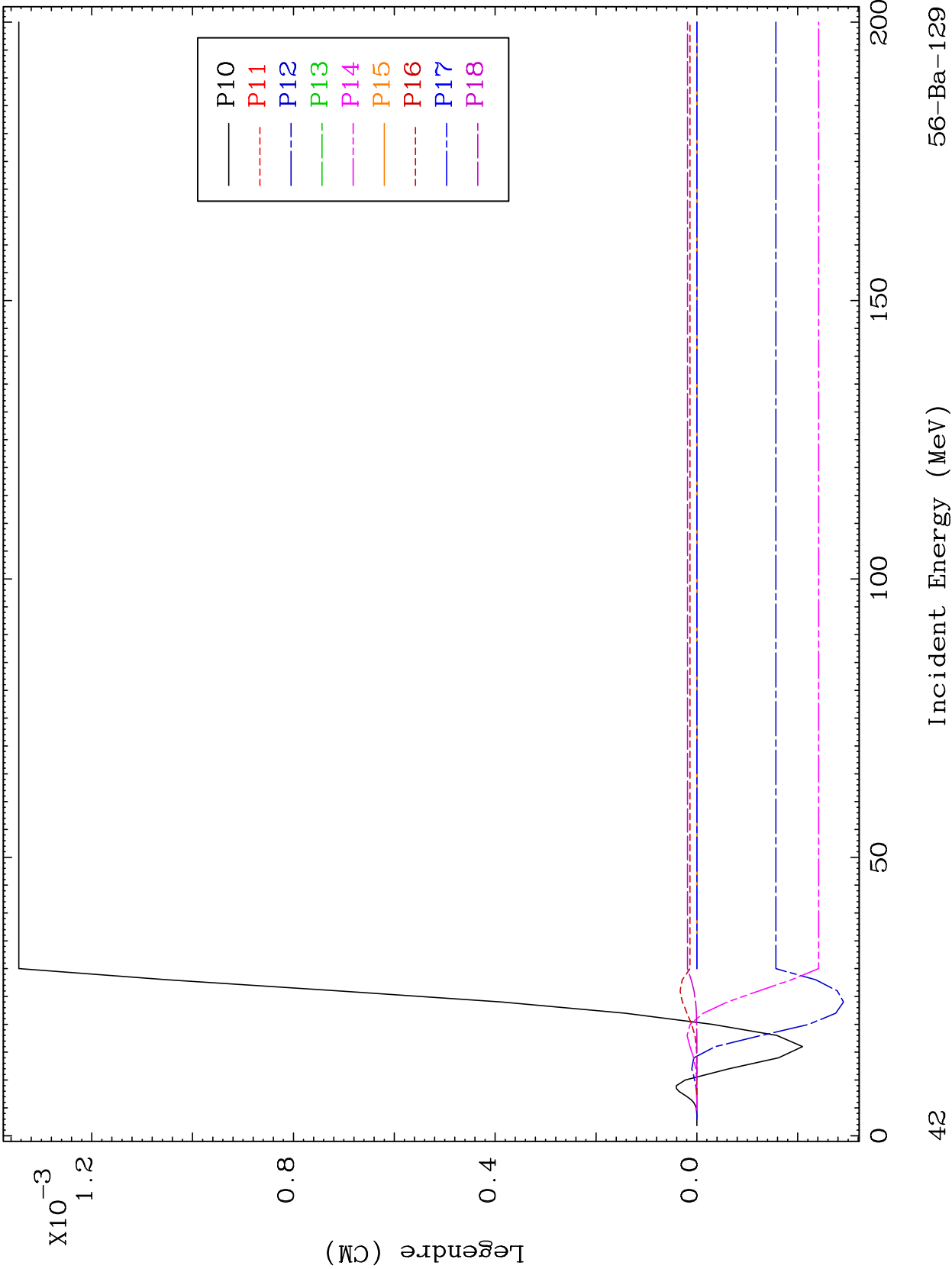




MAT 5622

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

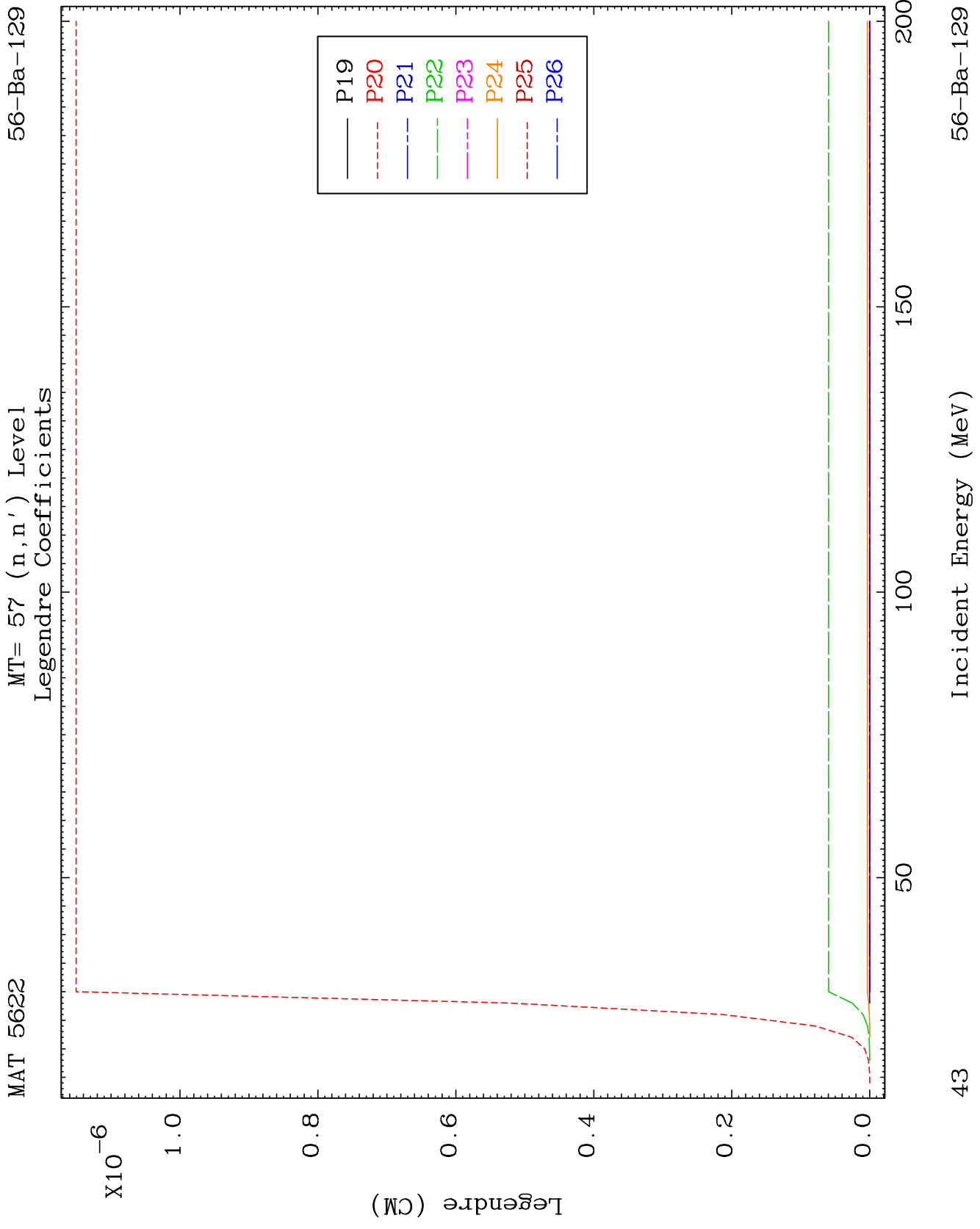
56-Ba-129

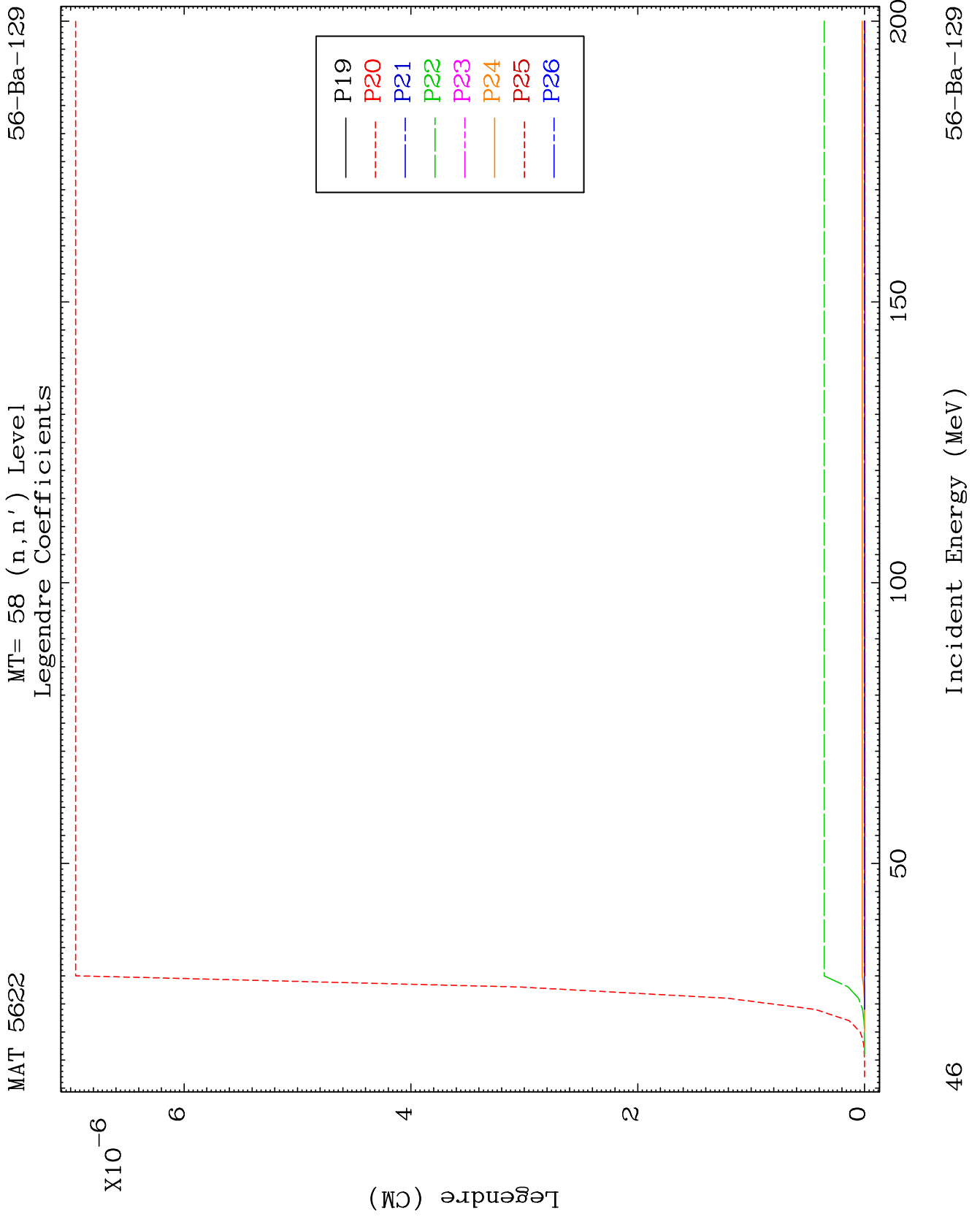


56-Ba-129

Incident Energy (MeV)

42

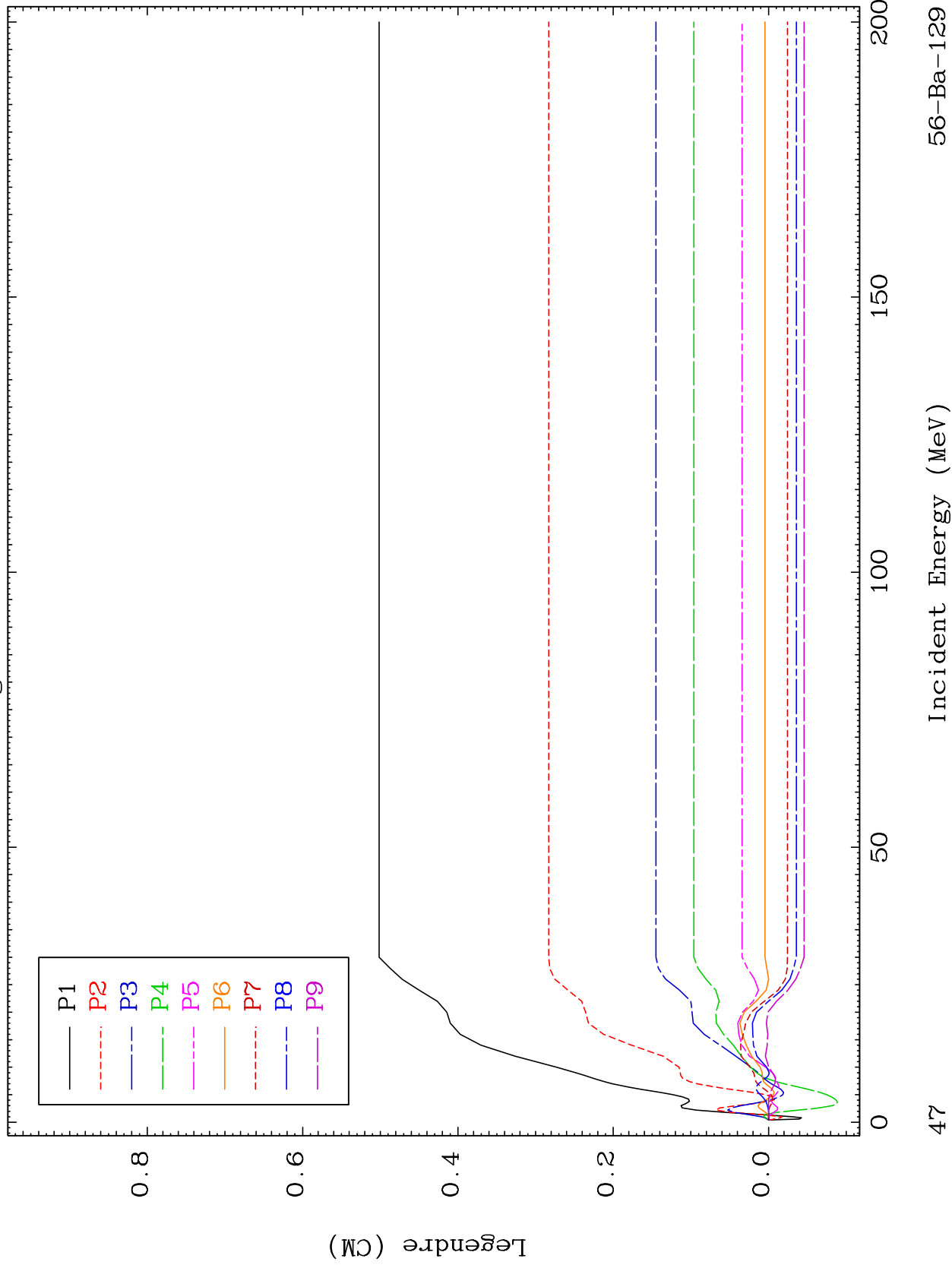




MAT 5622

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

56-Ba-129



56-Ba-129

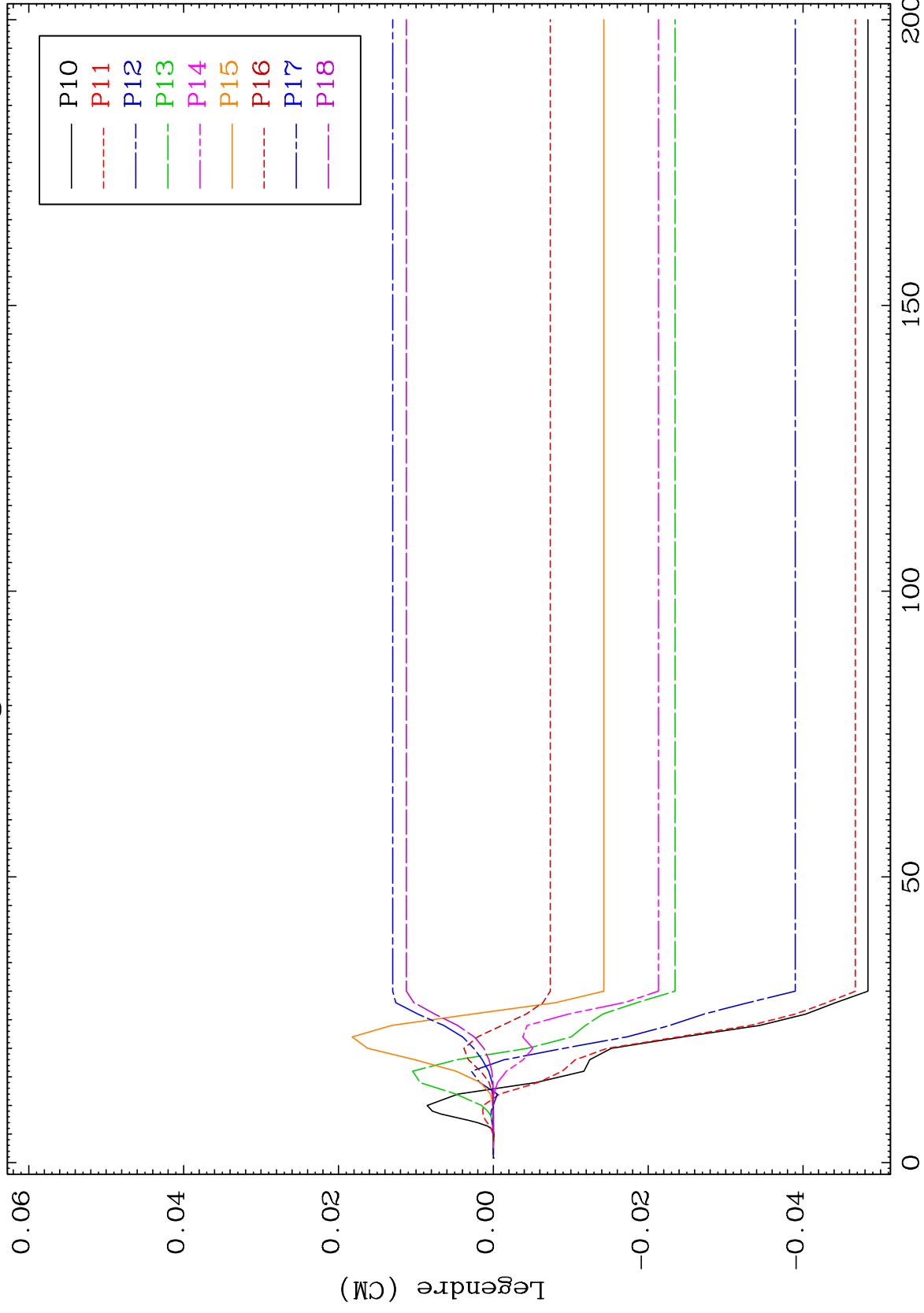
Incident Energy (MeV)

47

MAT 5622

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

56-Ba-129



48

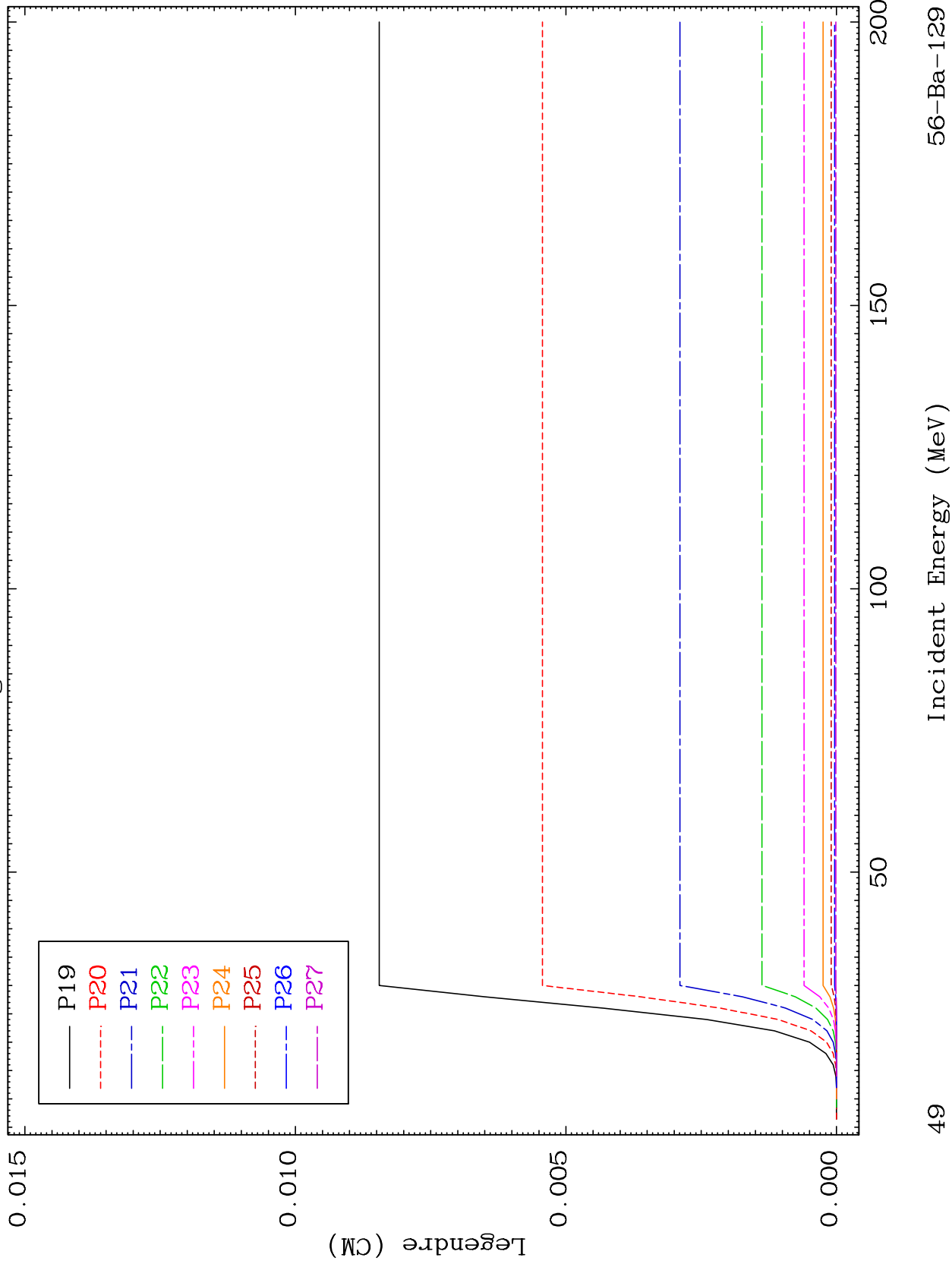
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

56-Ba-129



49

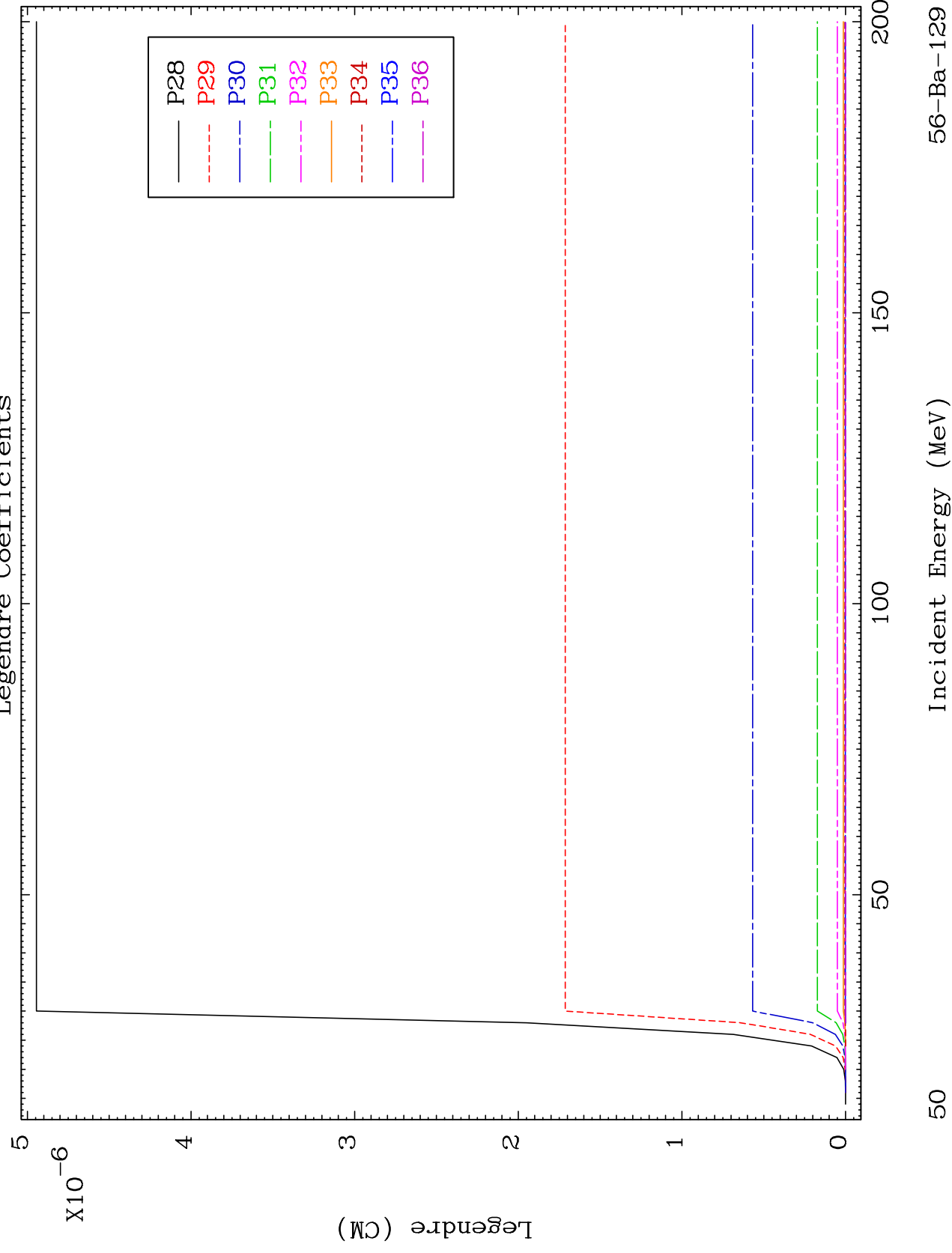
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

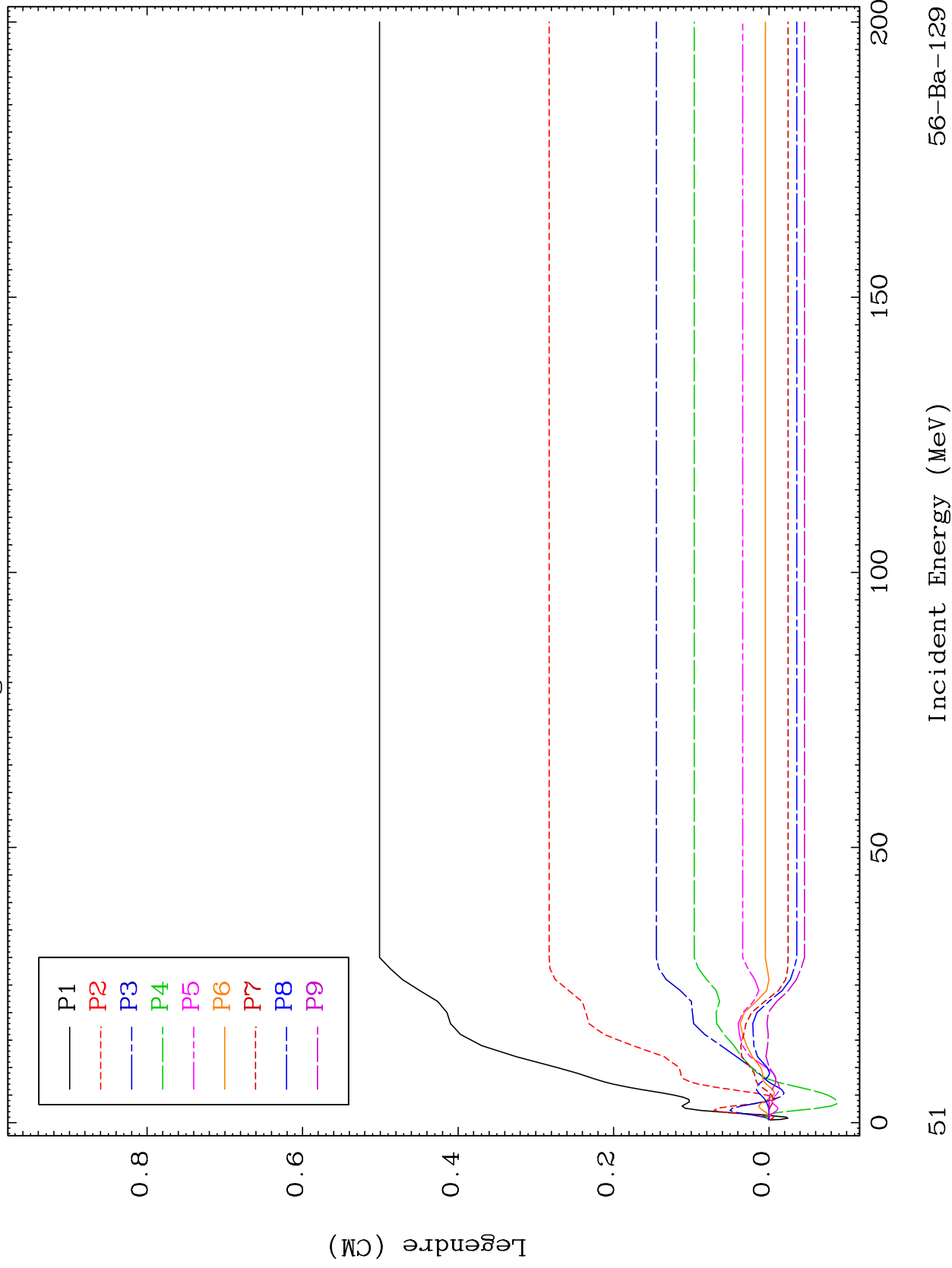
56-Ba-129



MAT 5622

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

56-Ba-129



56-Ba-129

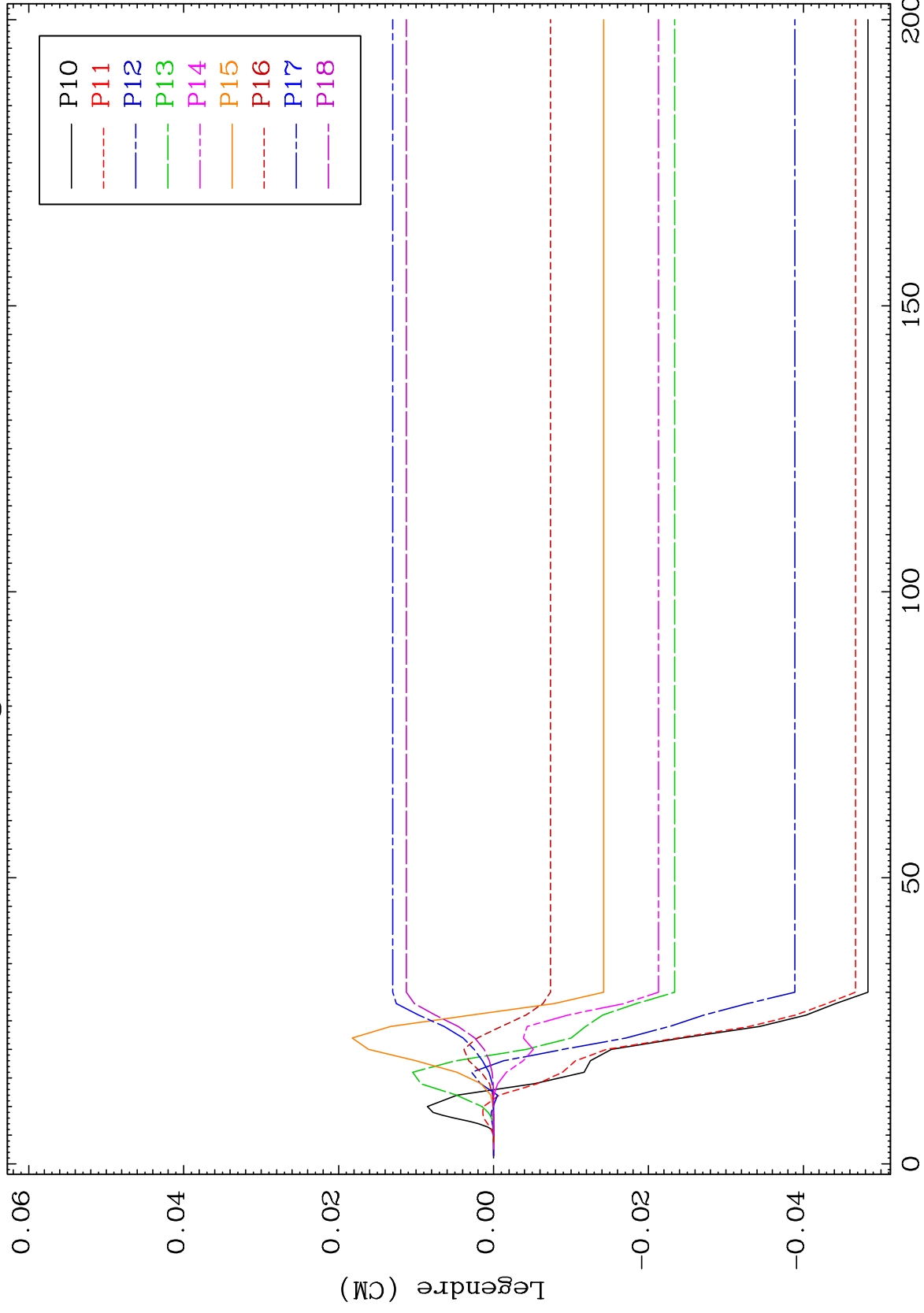
Incident Energy (MeV)

51

MAT 5622

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

56-Ba-129



52

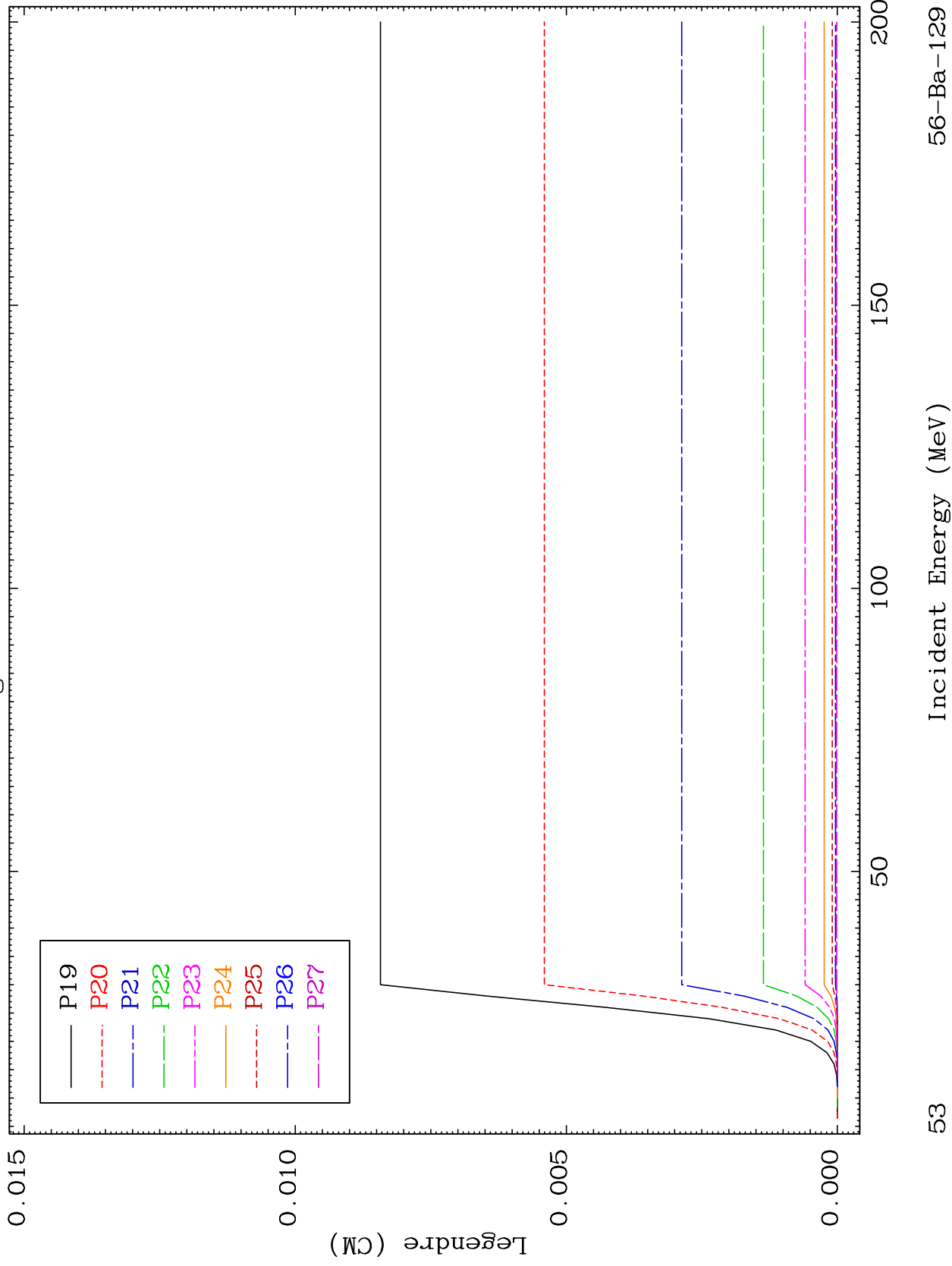
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

56-Ba-129



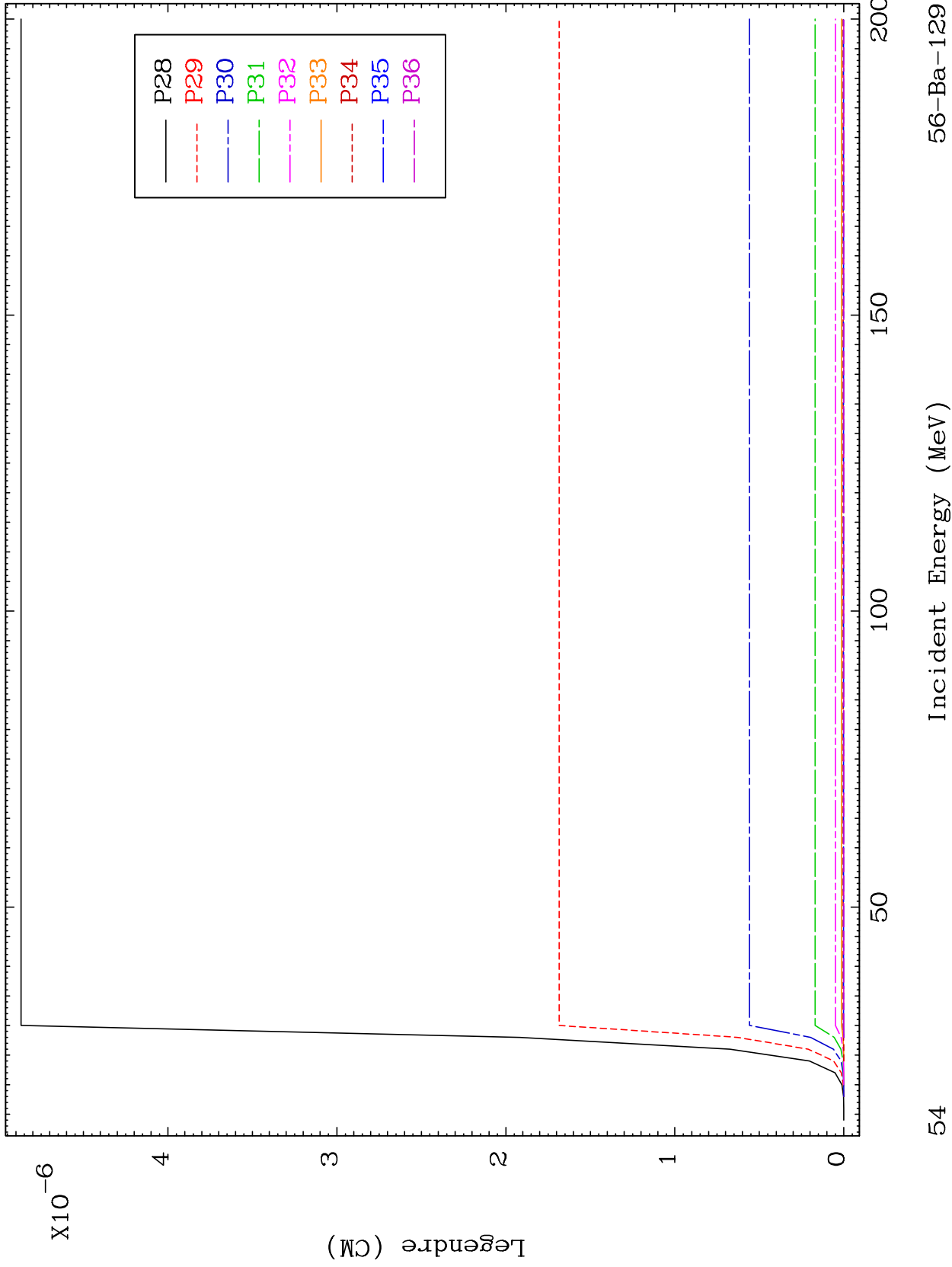
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56-Ba-129

MAT 5622

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

56-Ba-129



54

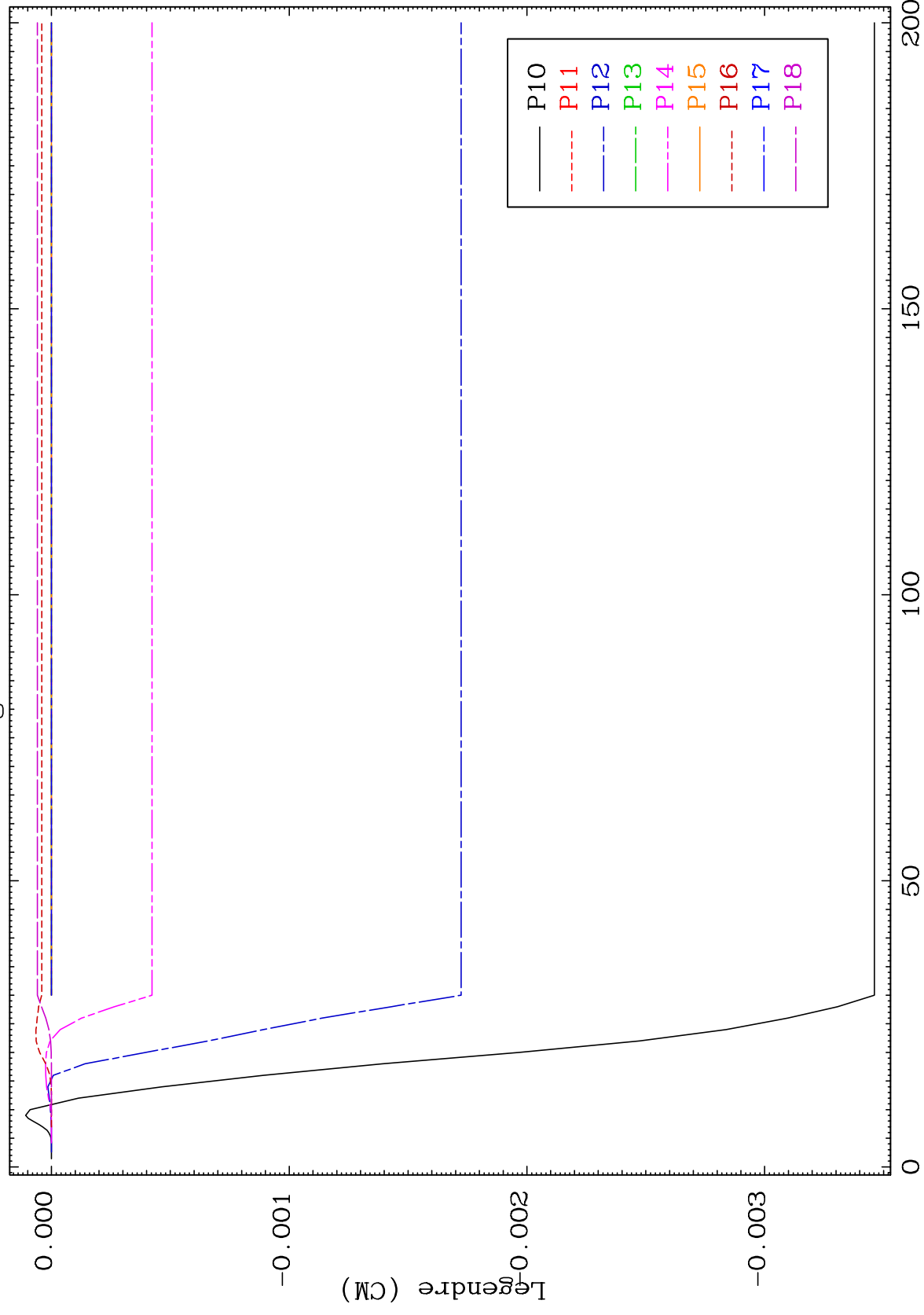
Incident Energy (MeV)

56-Ba-129

MAT 56222

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

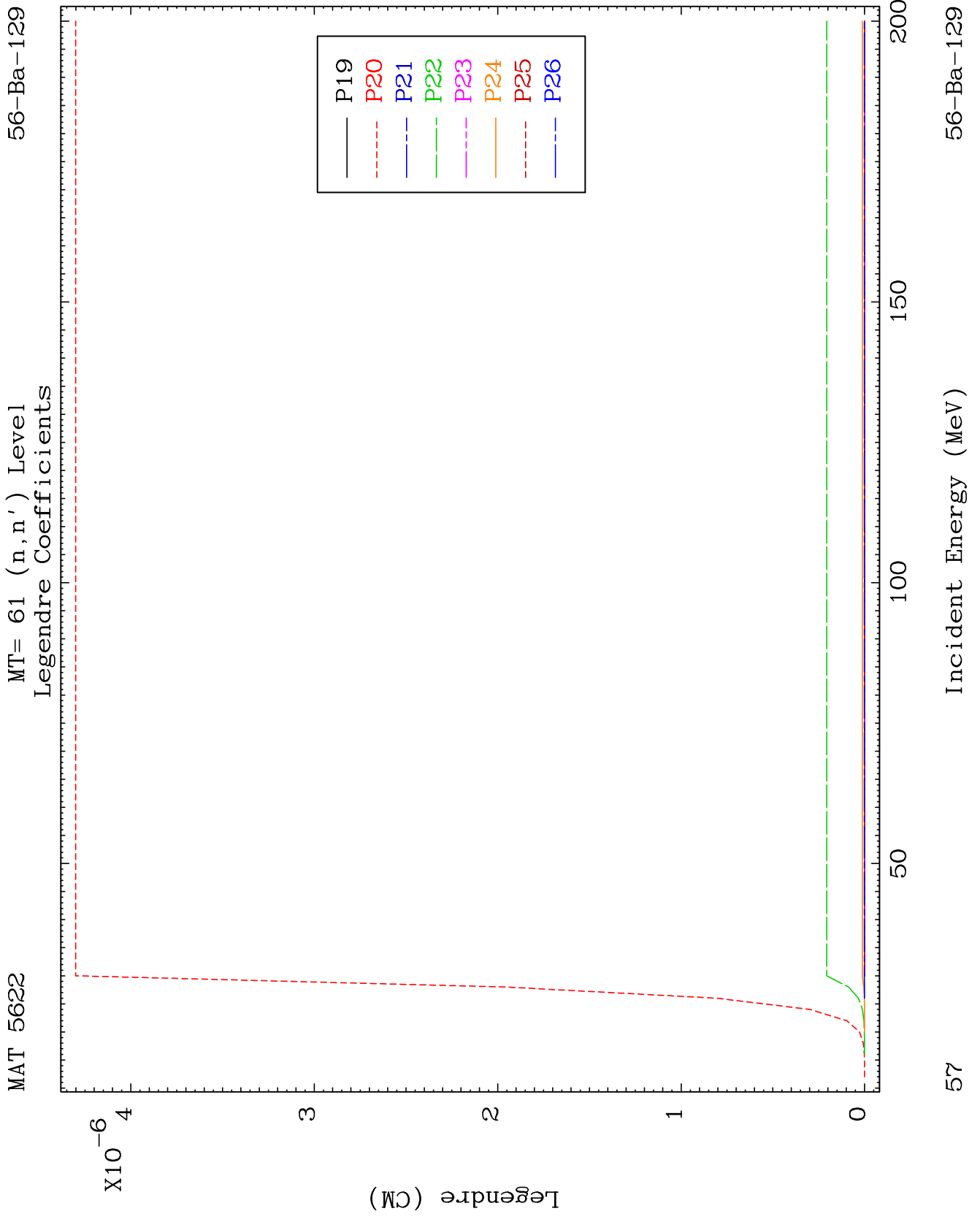
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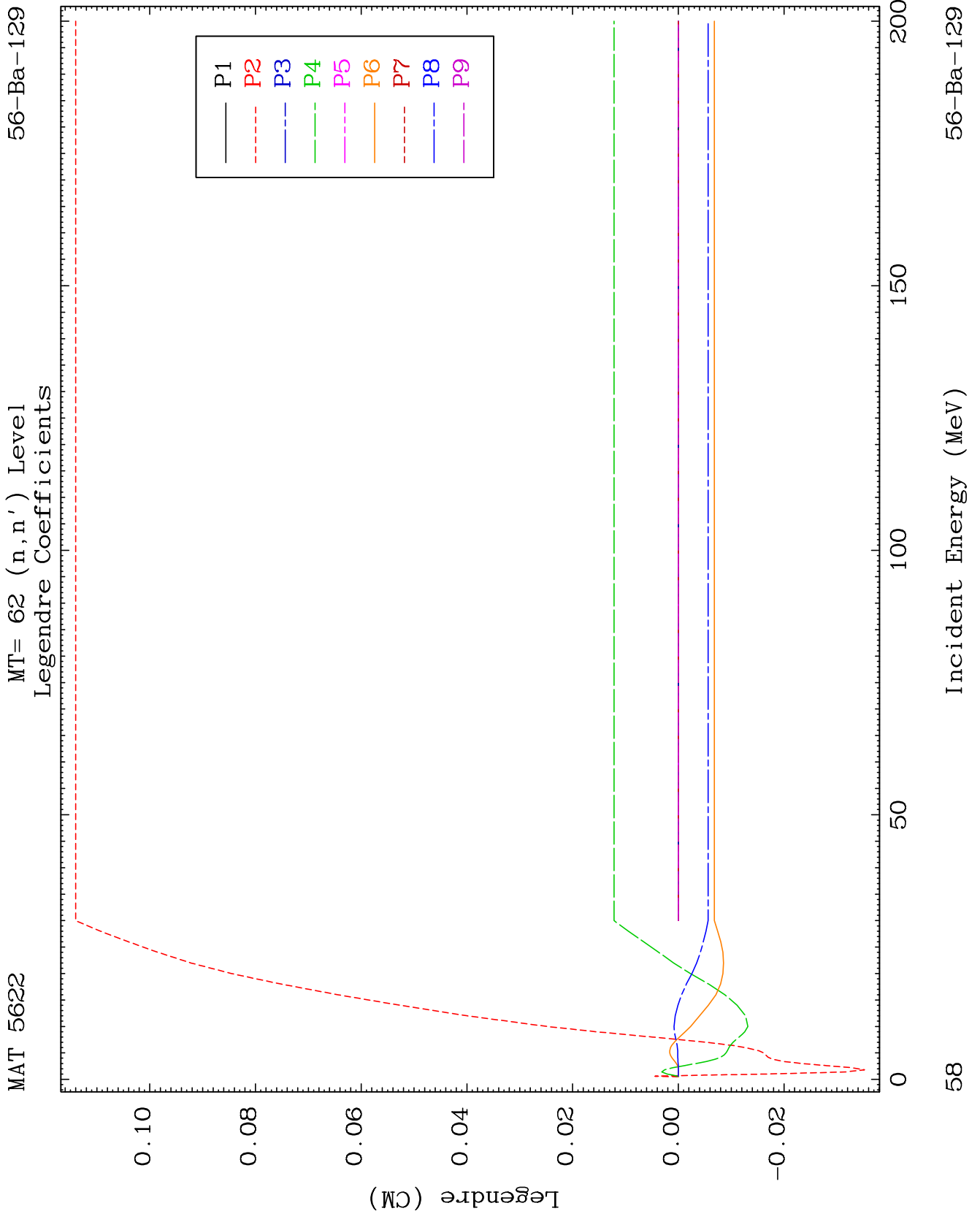


56

Incident Energy (MeV)

56-Ba-129

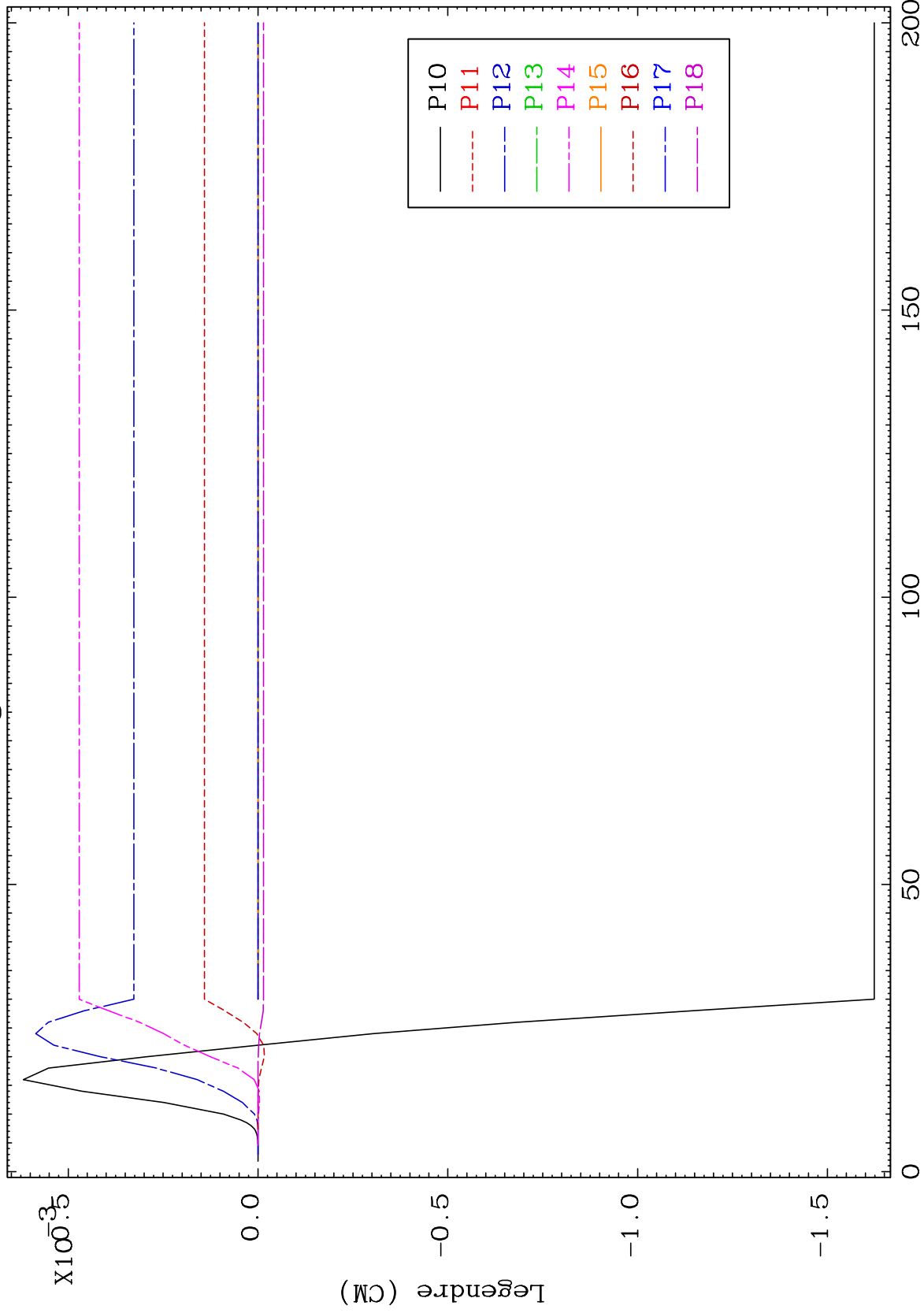




MAT 5622

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

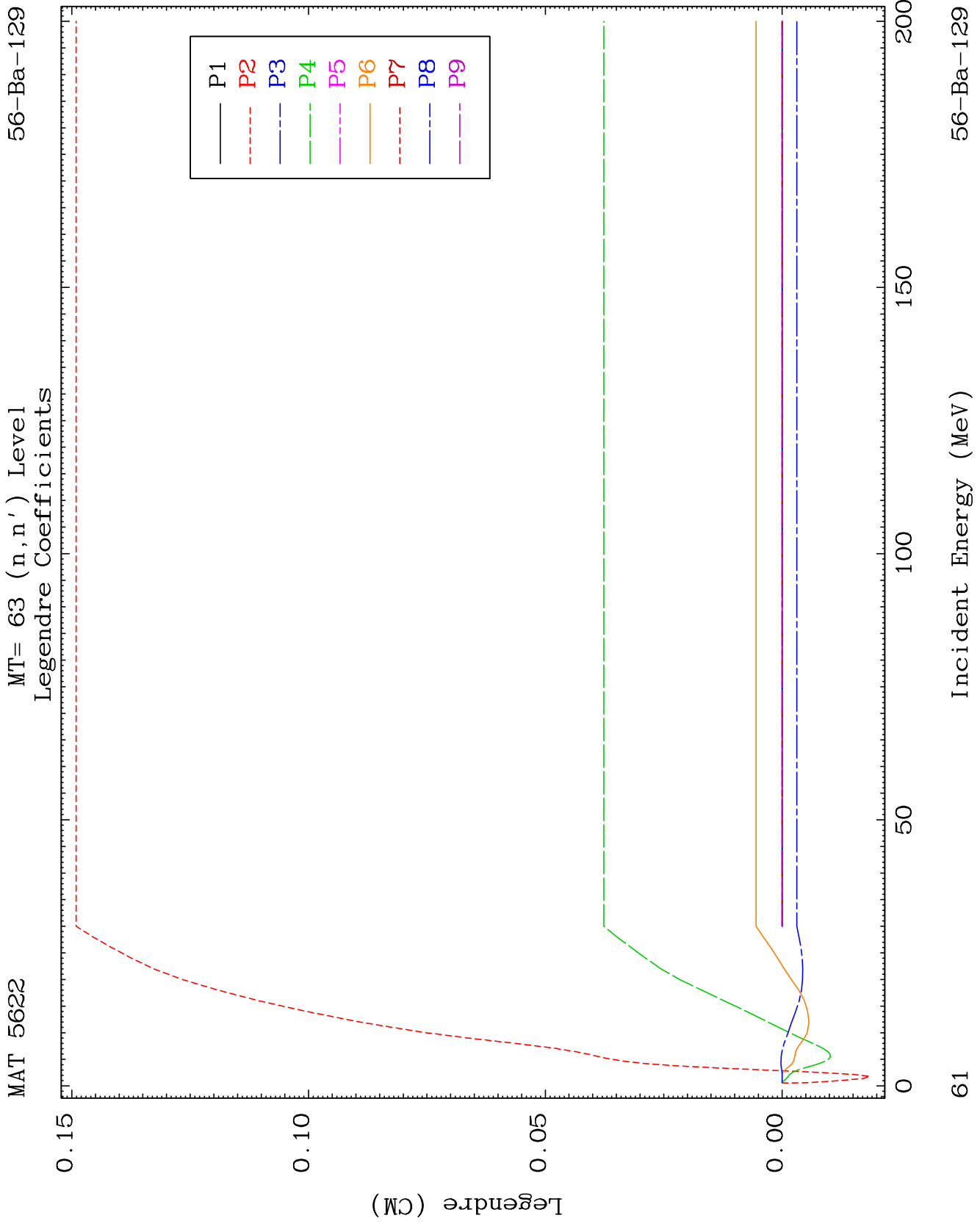
56-Ba-129



59

Incident Energy (MeV)

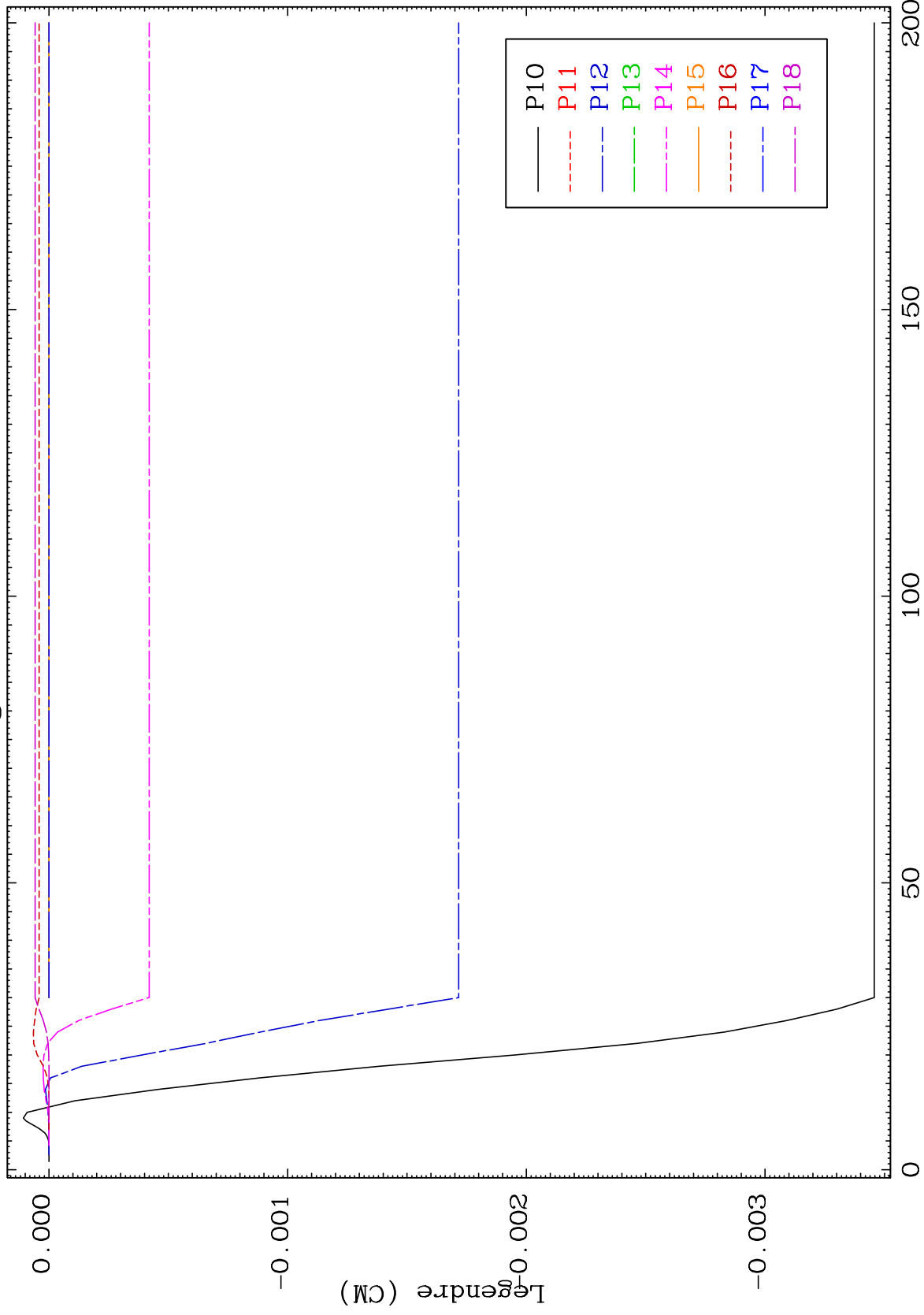
56-Ba-129



MAT 5622

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

56-Ba-129



62

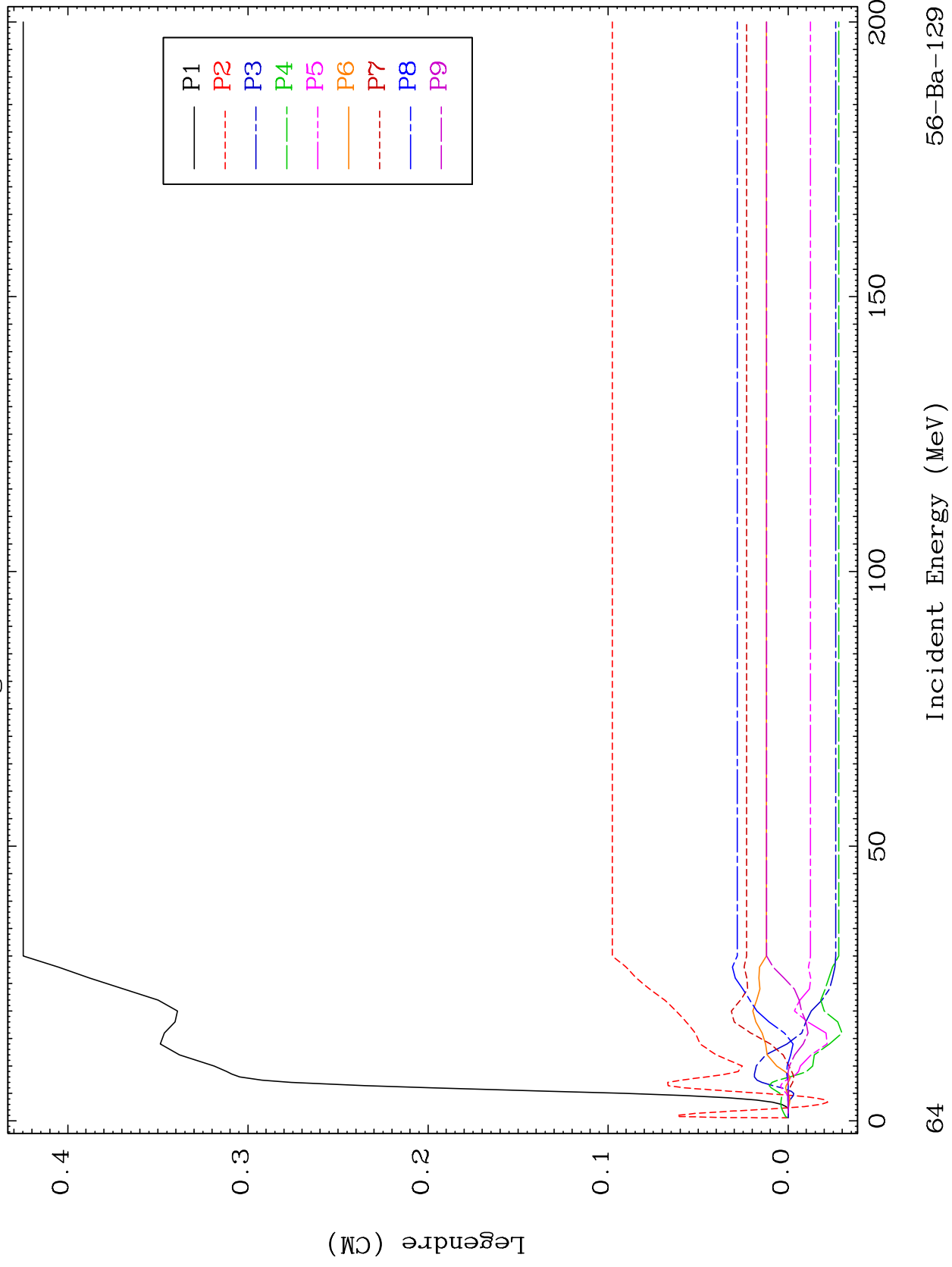
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

56-Ba-129



56-Ba-129

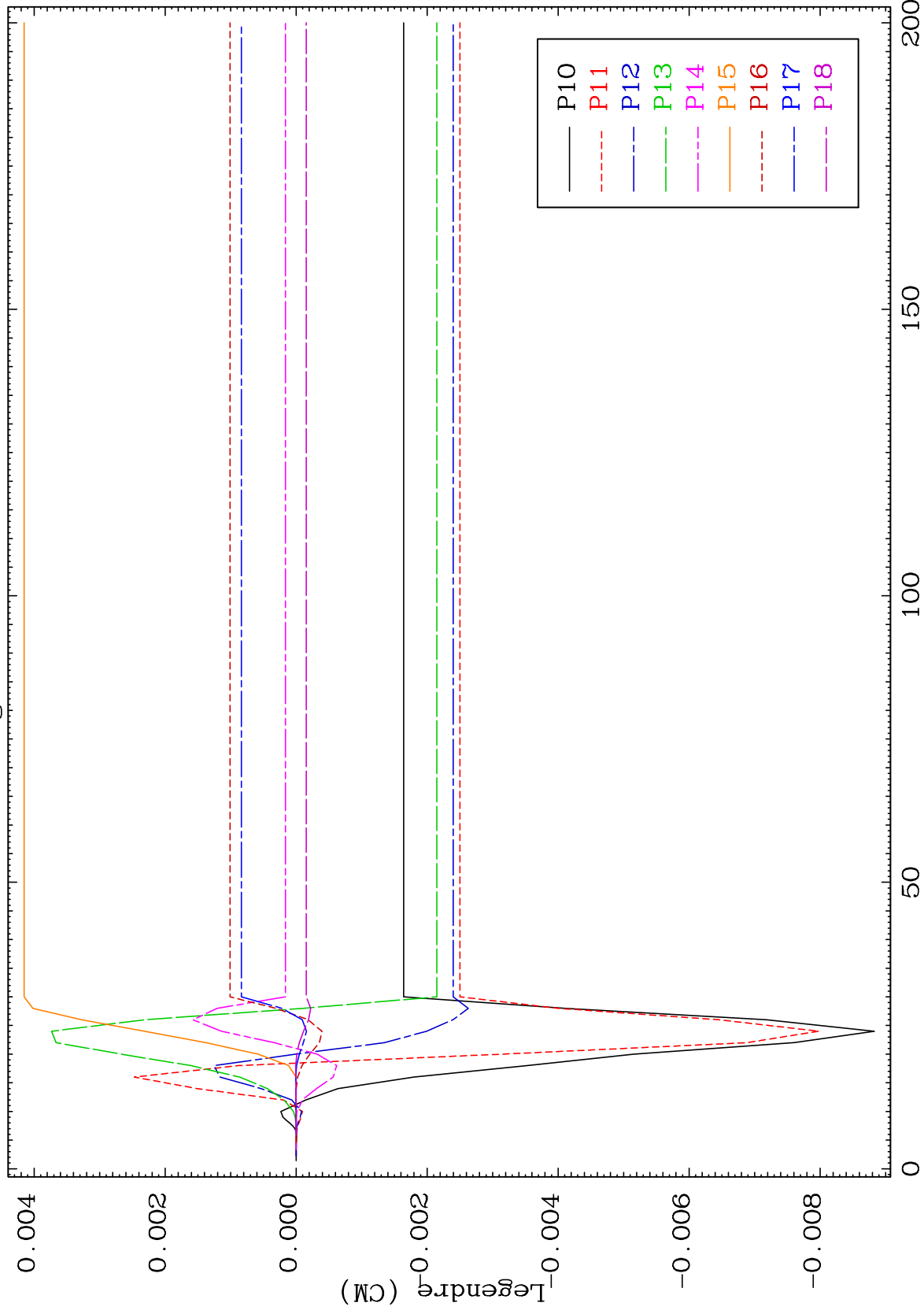
Incident Energy (MeV)

64

MAT 5622

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

56-Ba-129



65

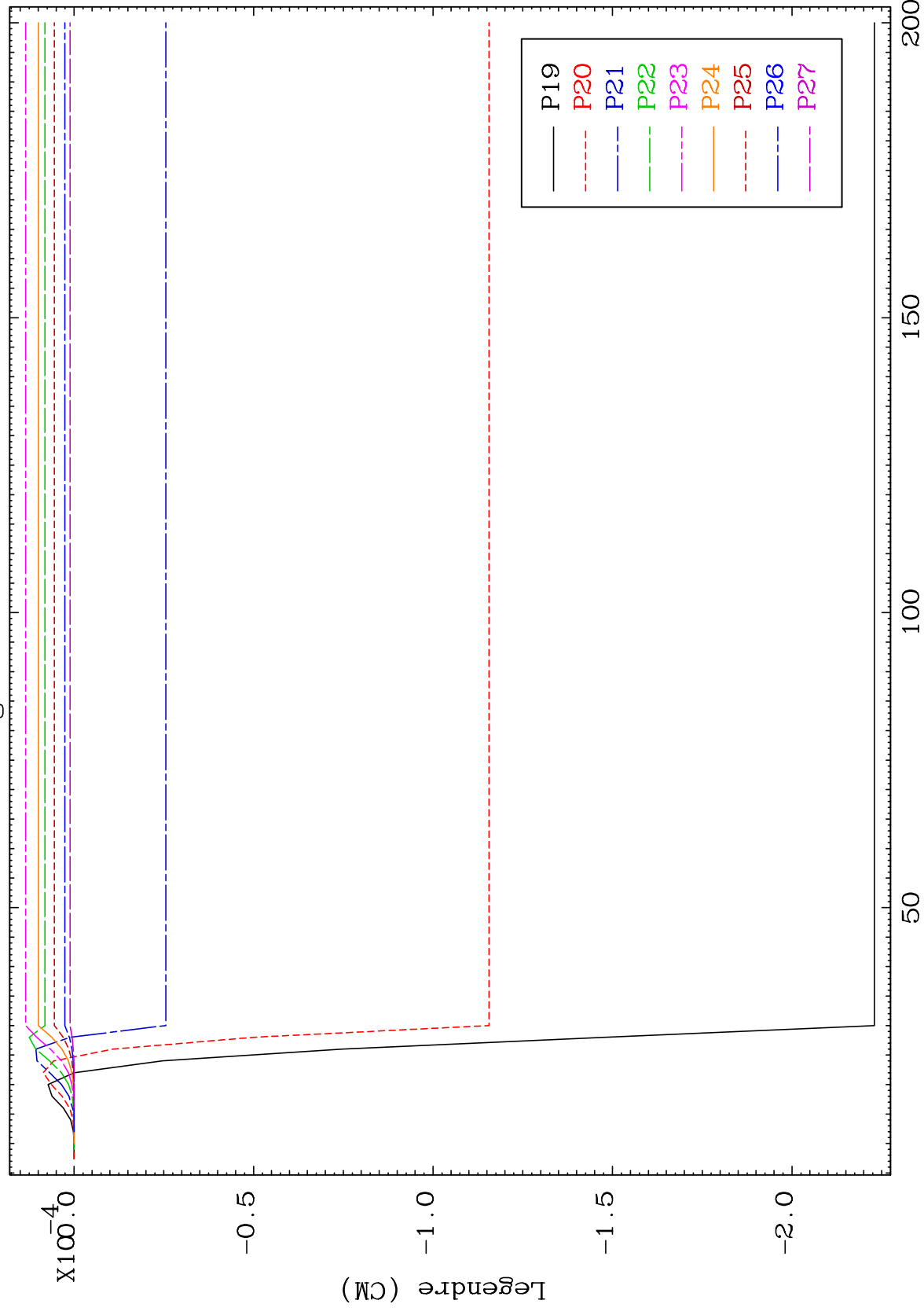
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

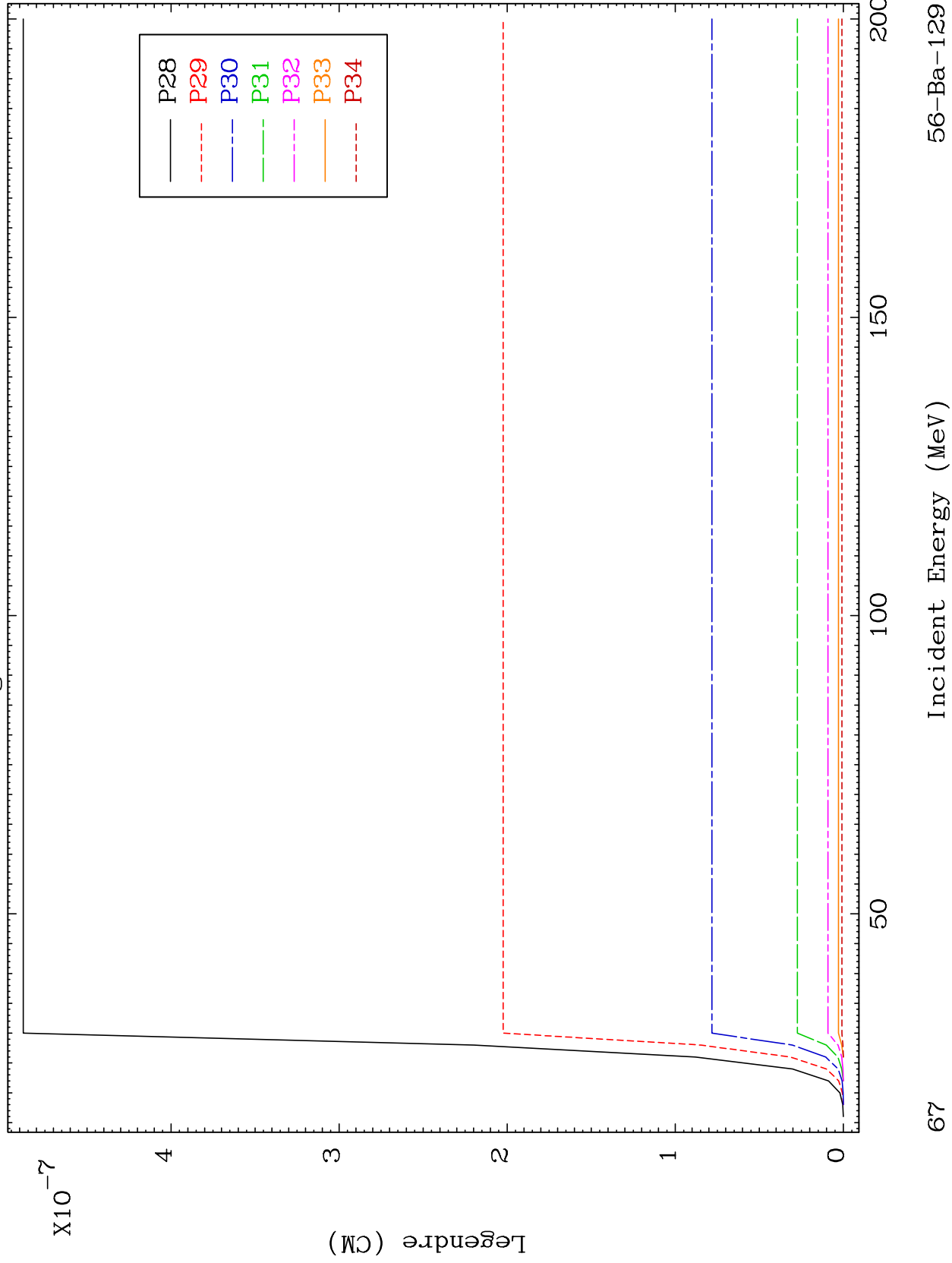
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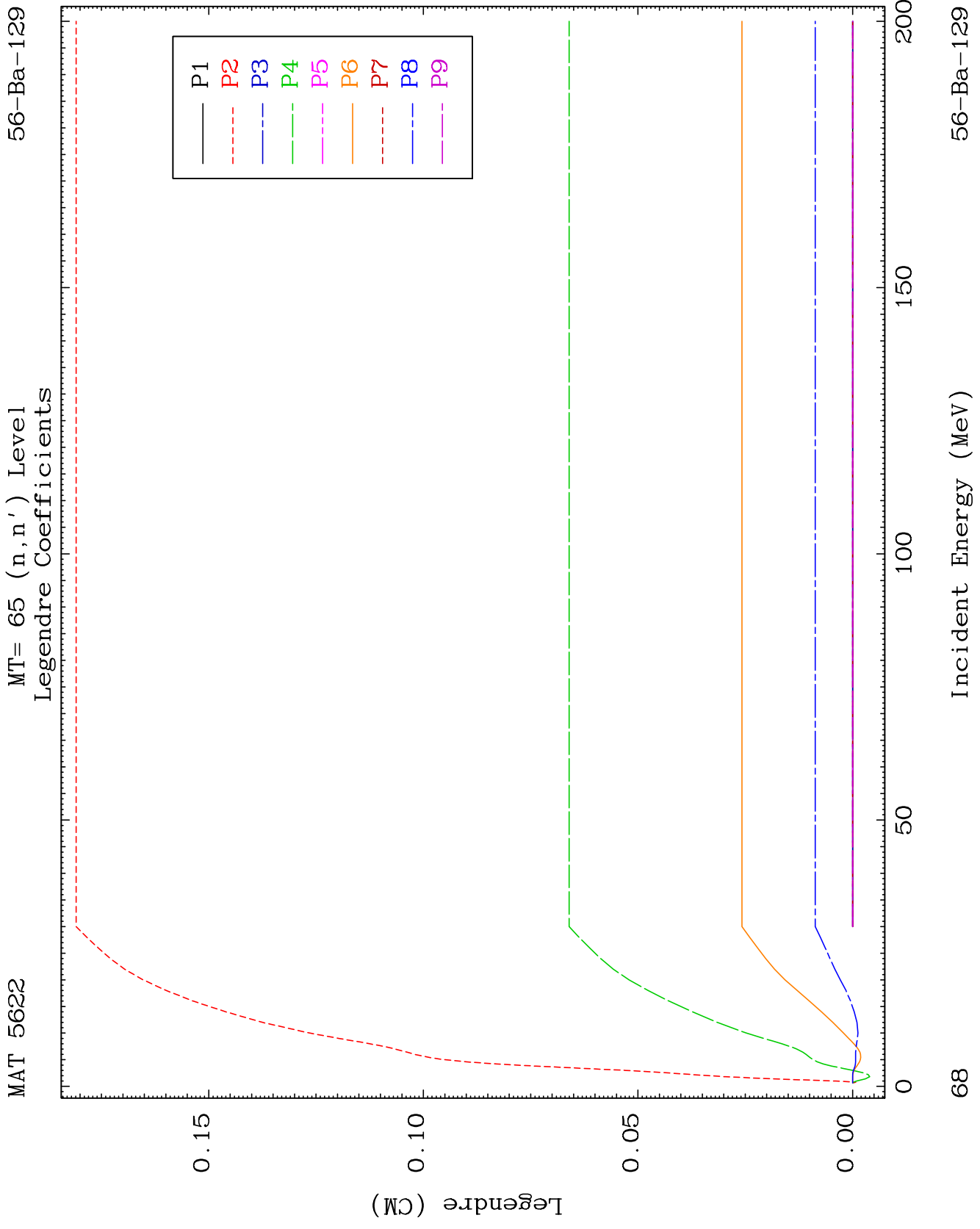


MAT 5622

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

56-Ba-129

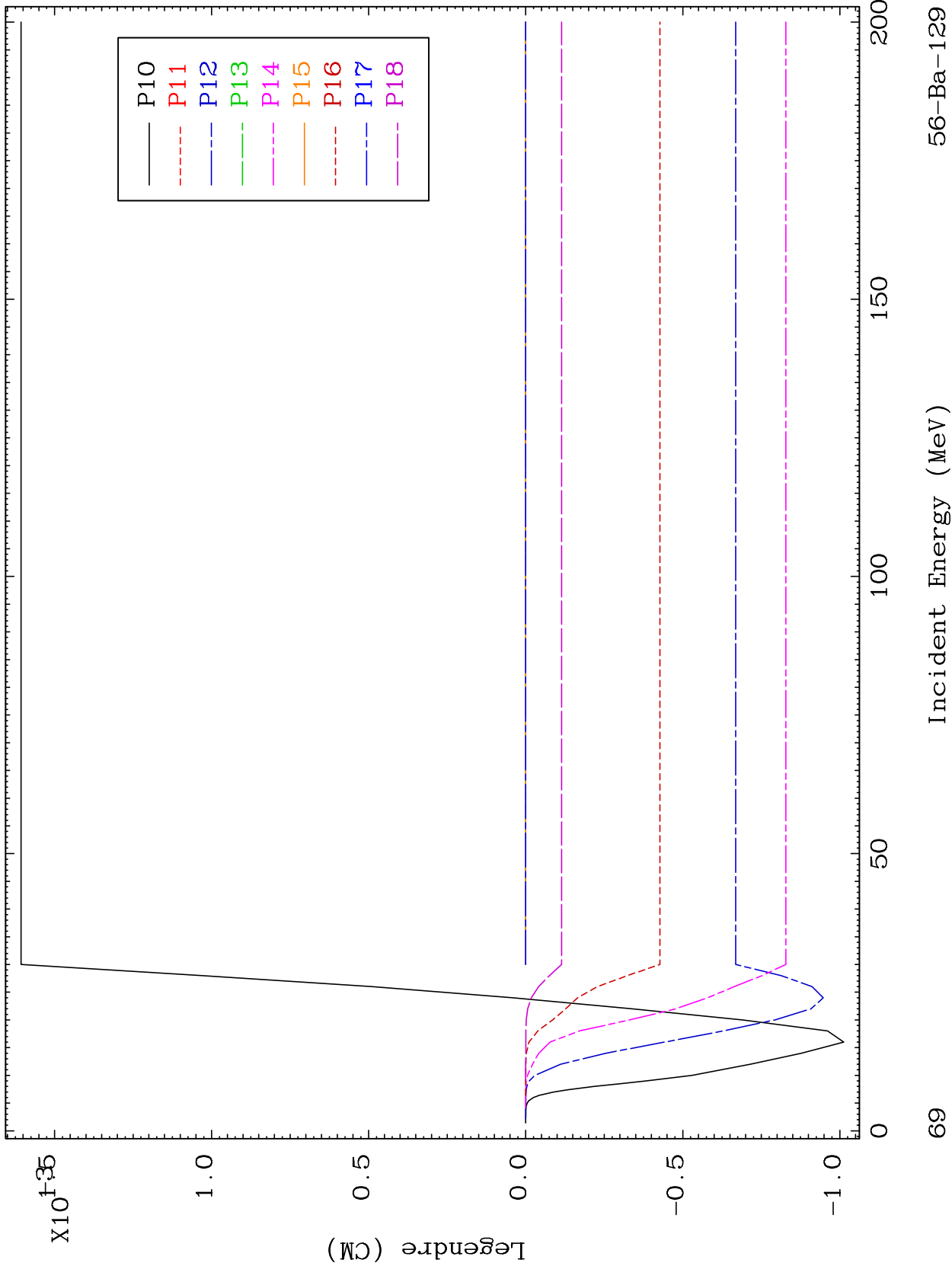




MAT 5622

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

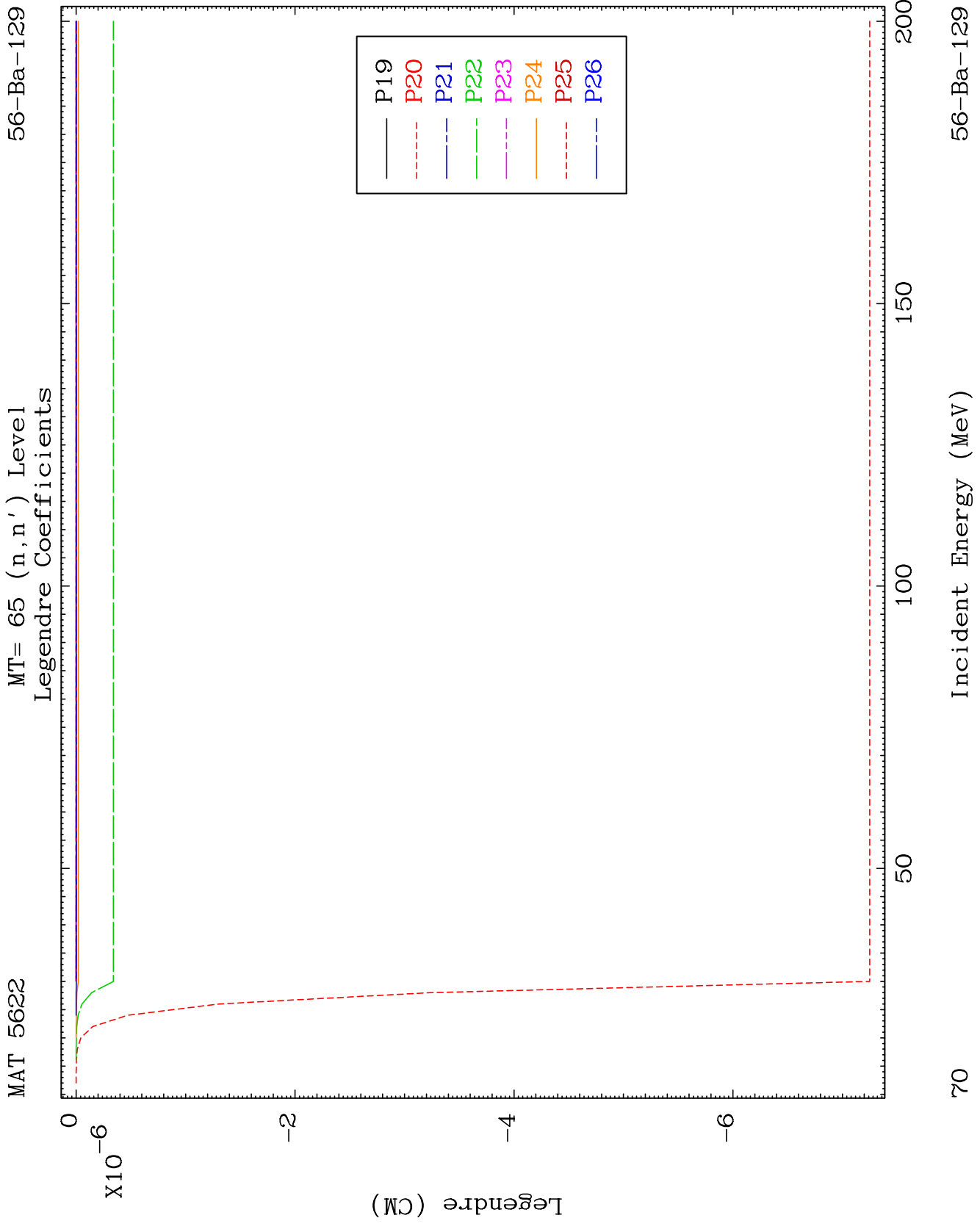
56-Ba-129



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Incident Energy (MeV)

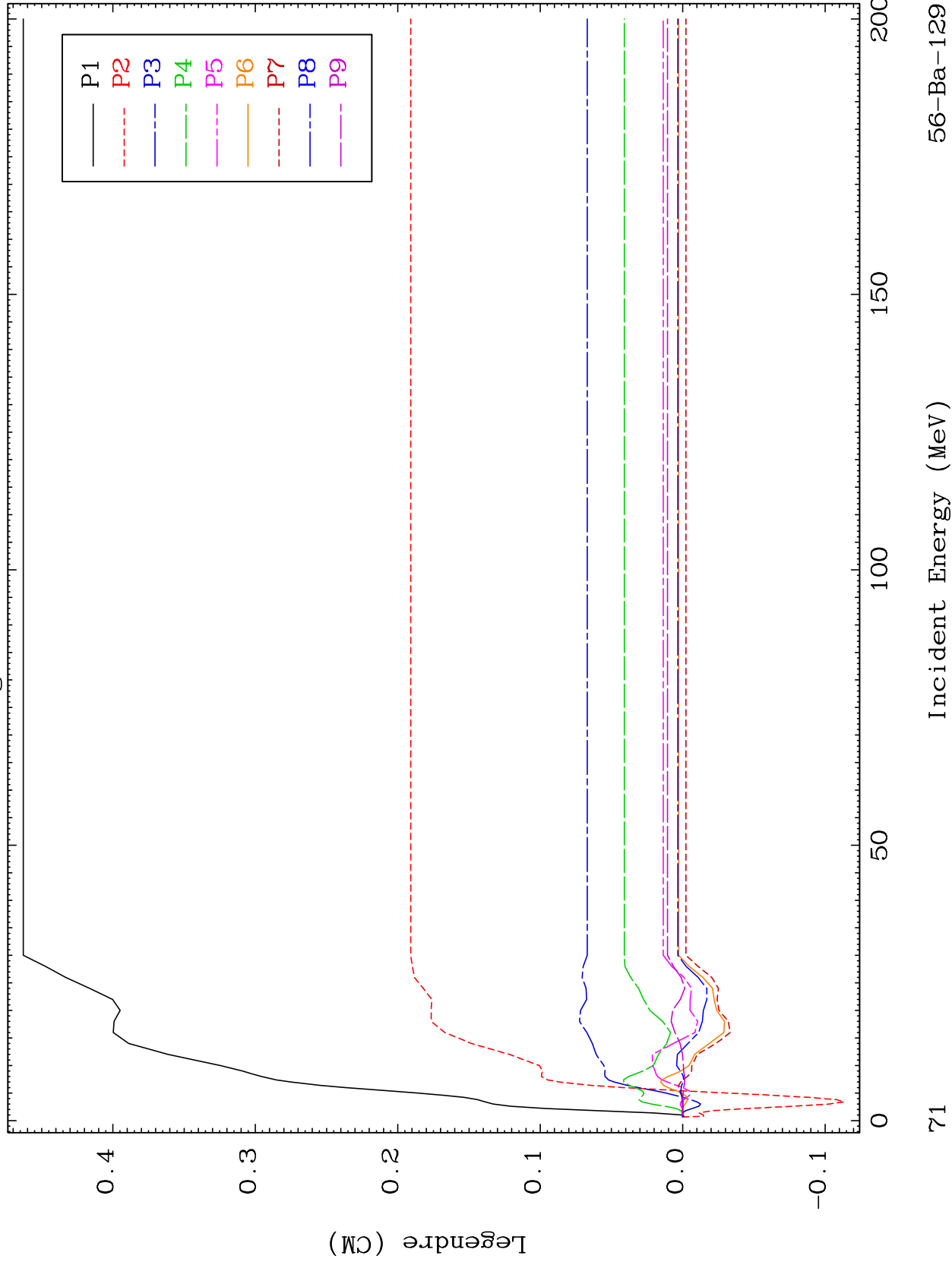
56-Ba-129



MAT 5622

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

56-Ba-129



56-Ba-129

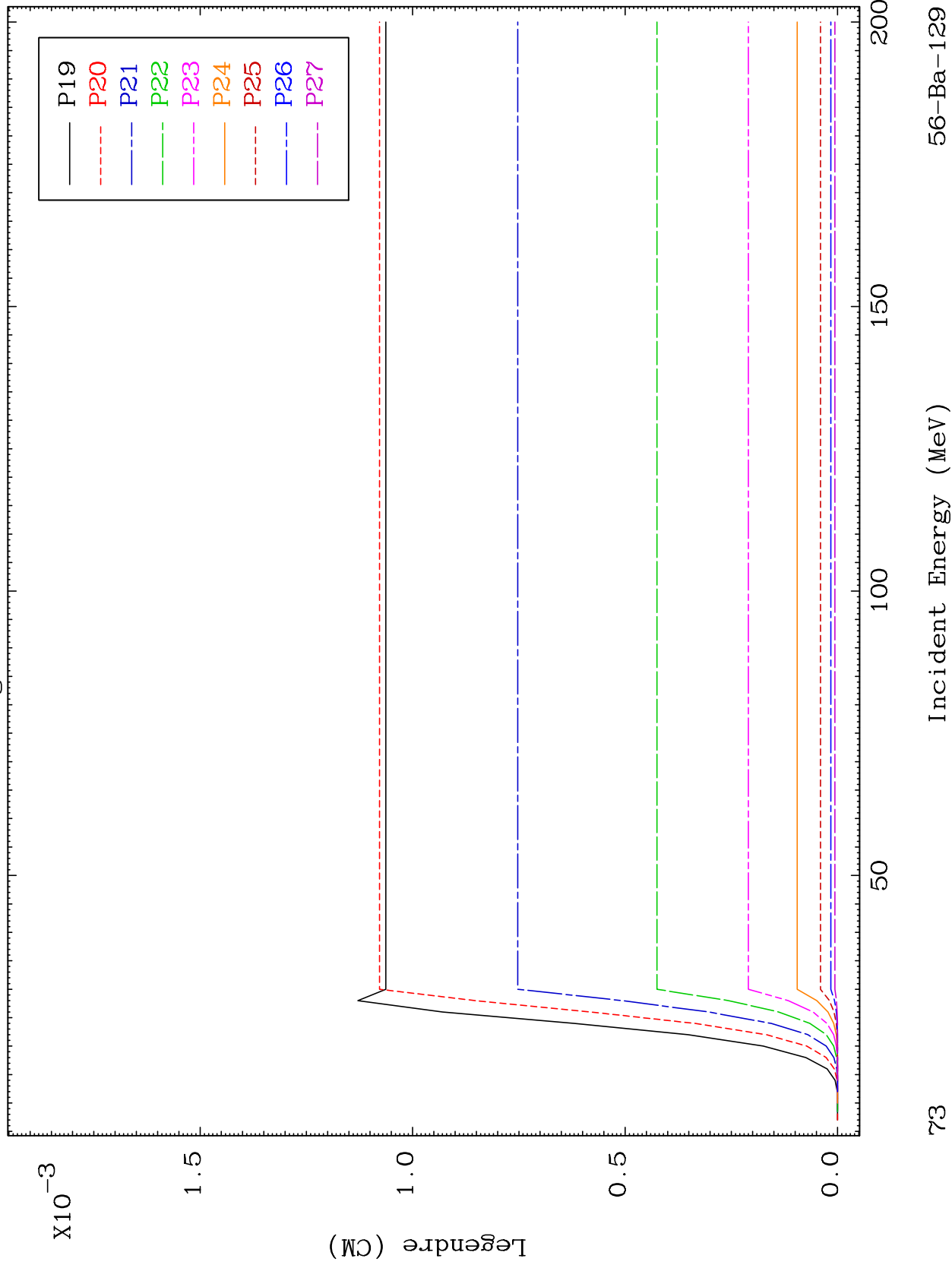
Incident Energy (MeV)

71

MAT 5622

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

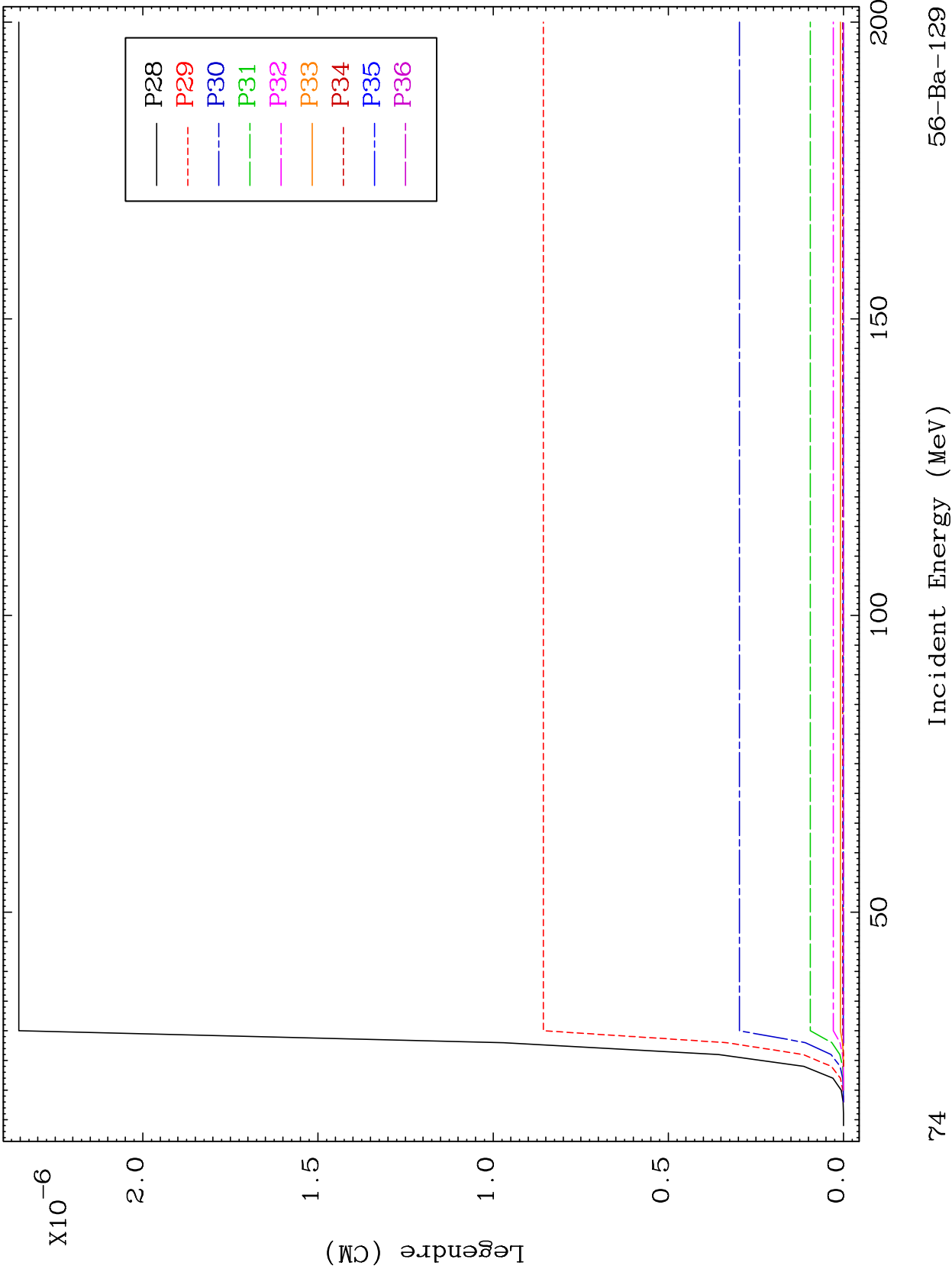
56-Ba-129



MAT 5622

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

56-Ba-129



74

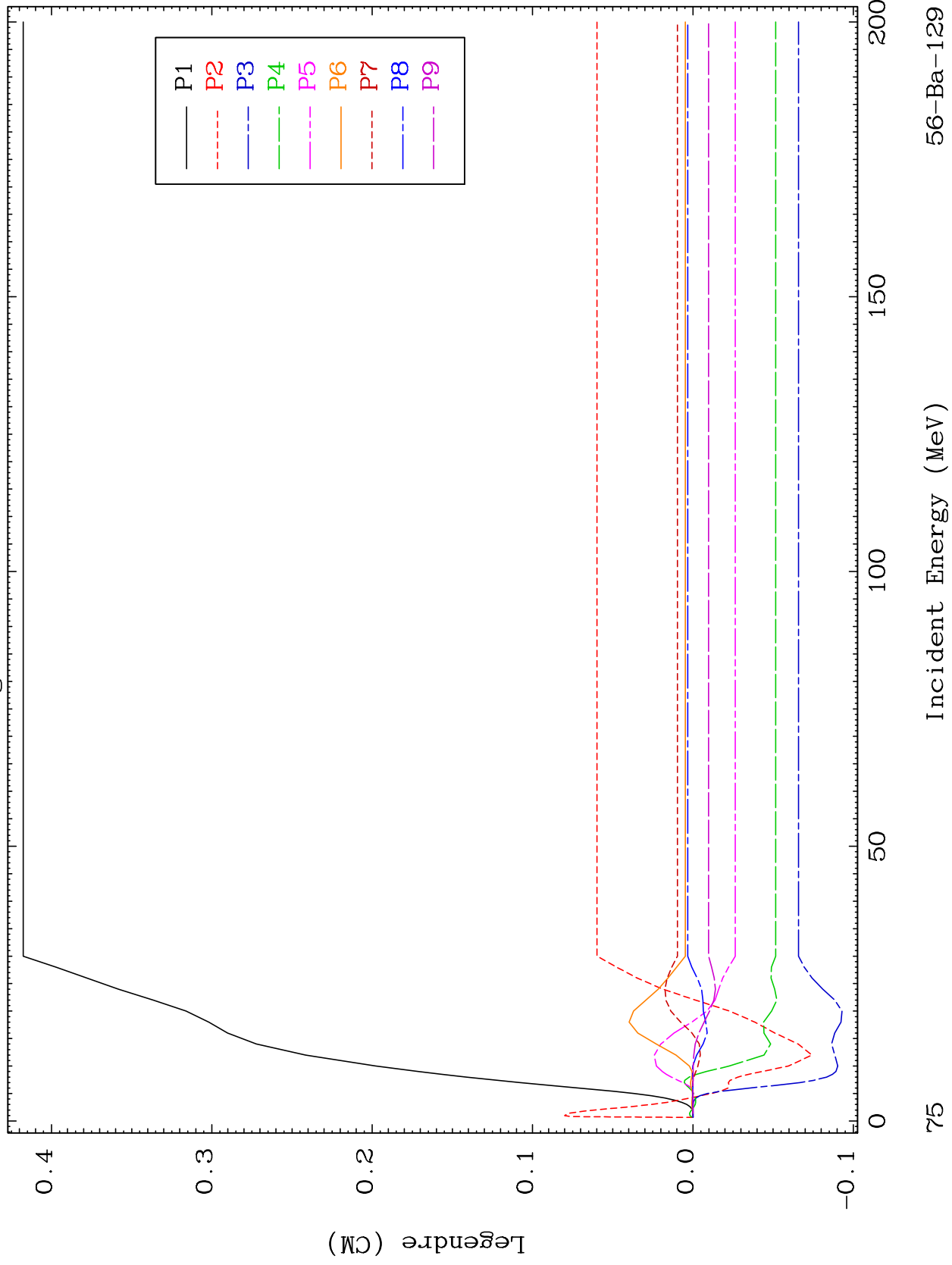
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

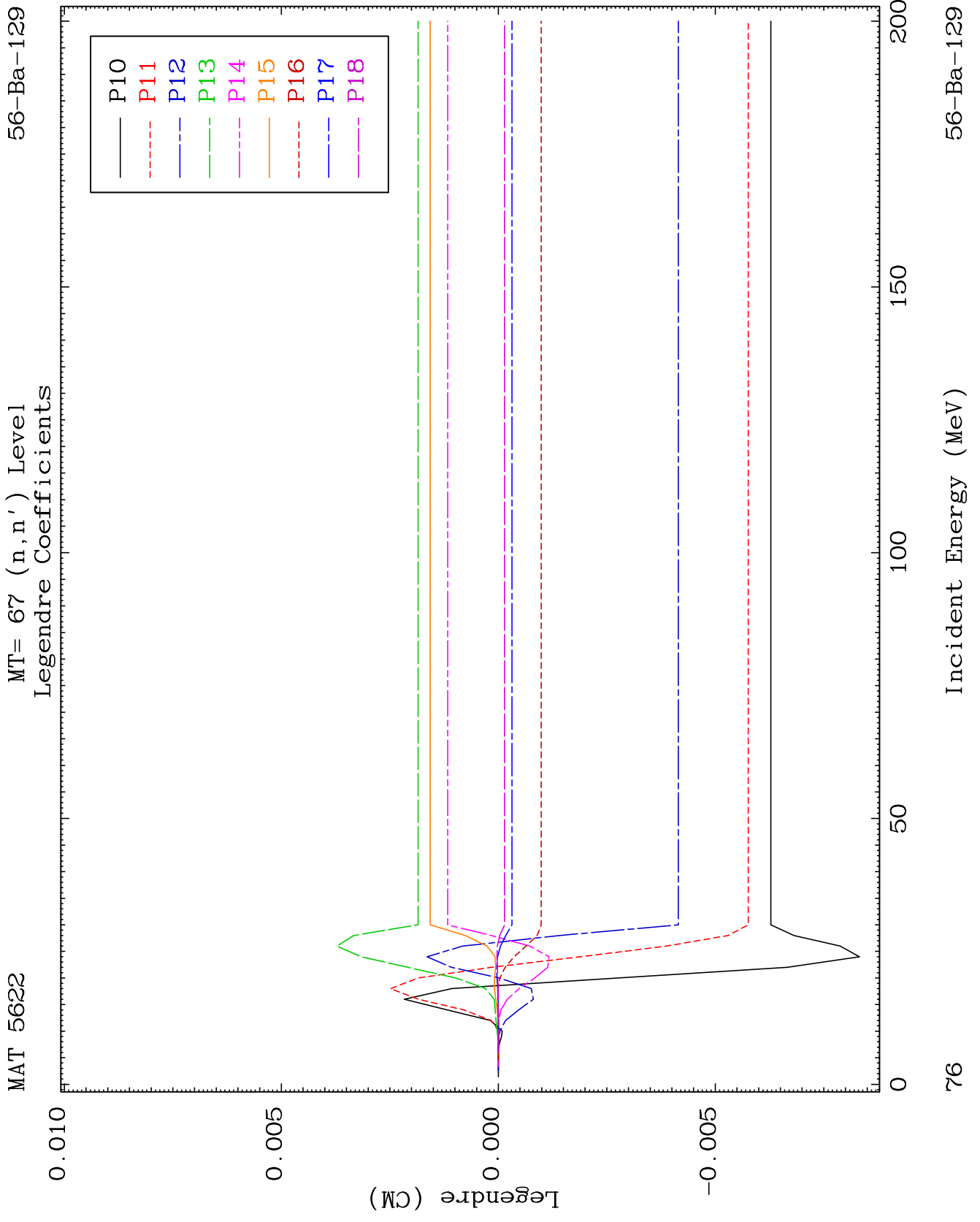
56-Ba-129



56-Ba-129

Incident Energy (MeV)

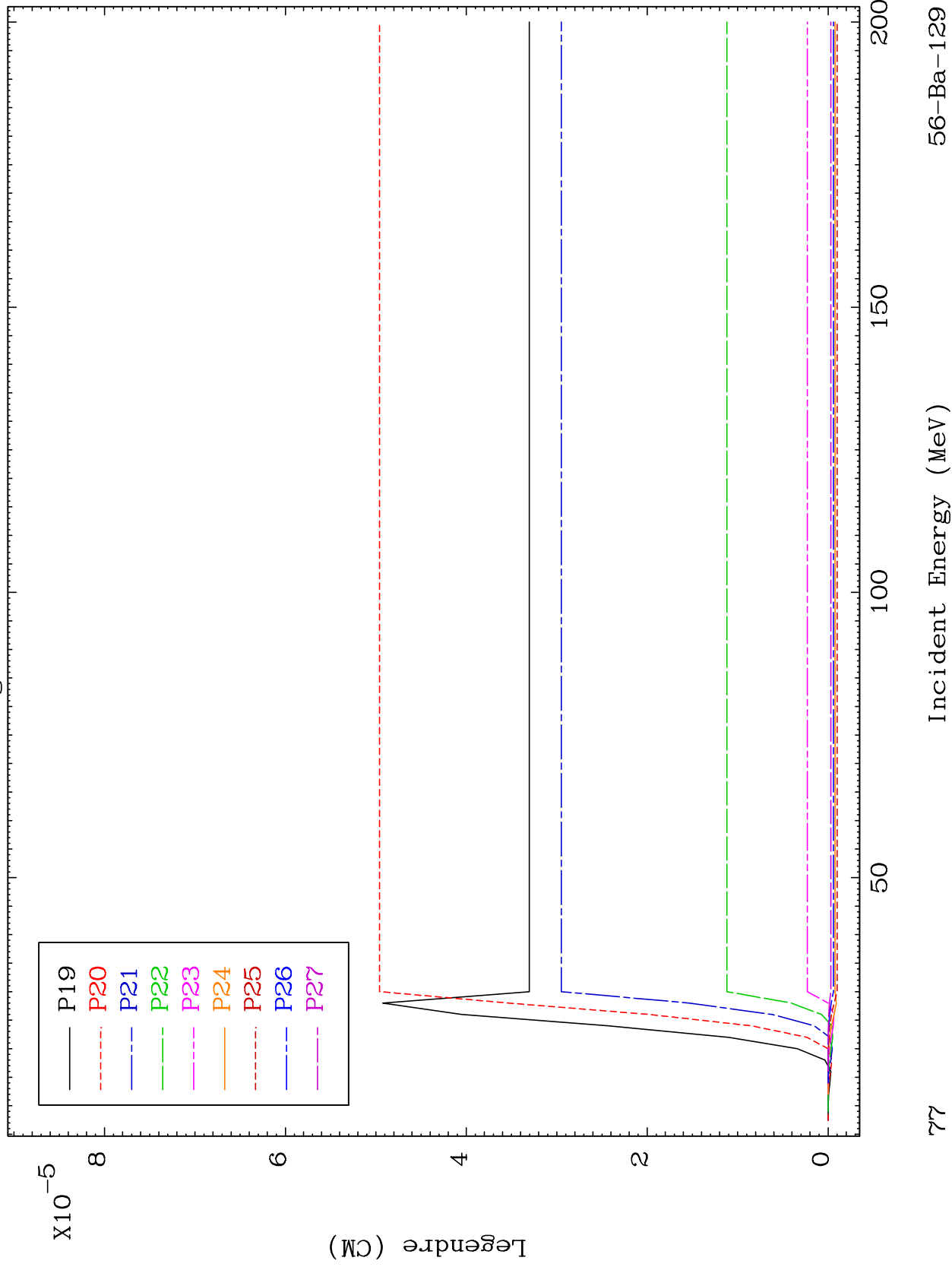
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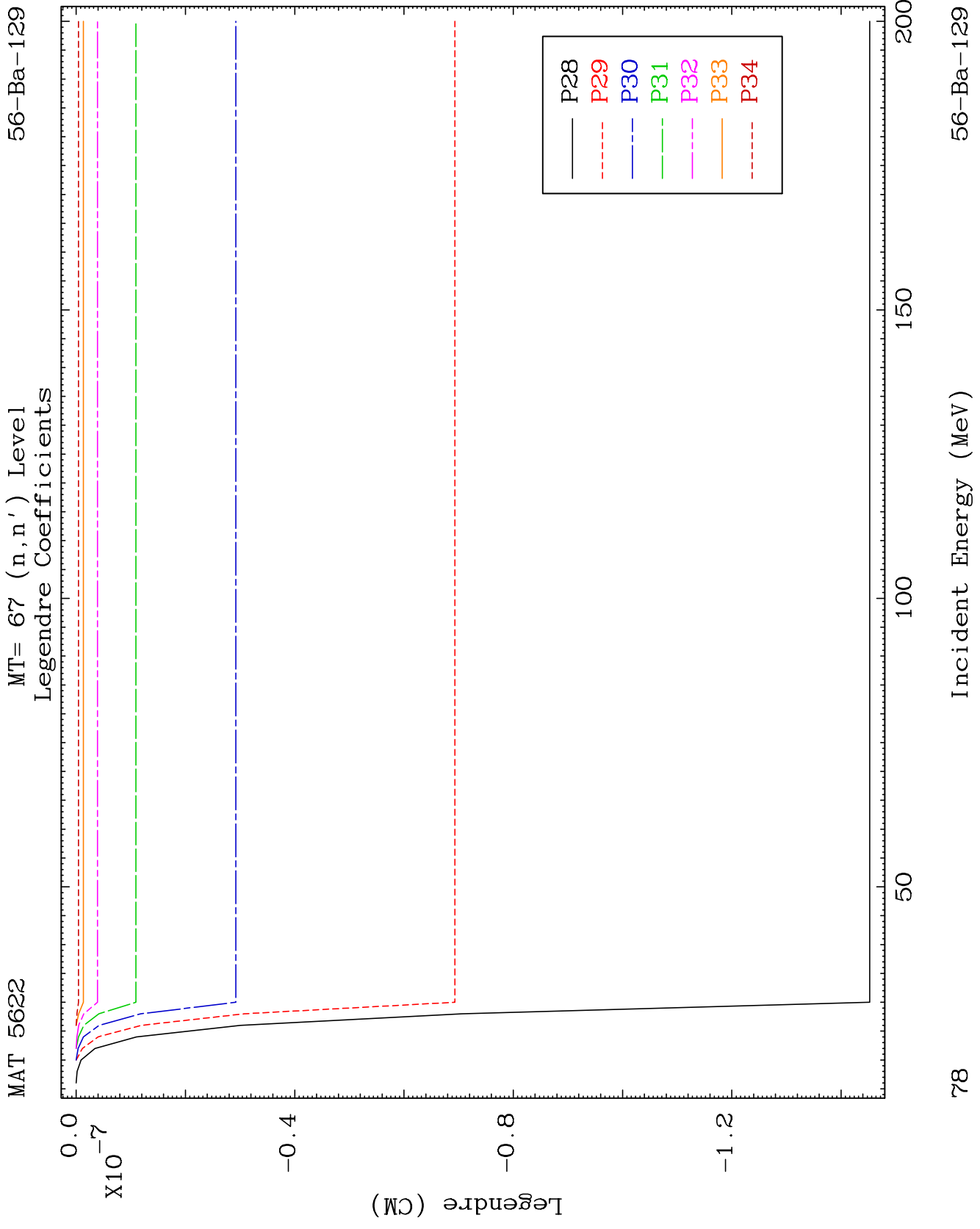


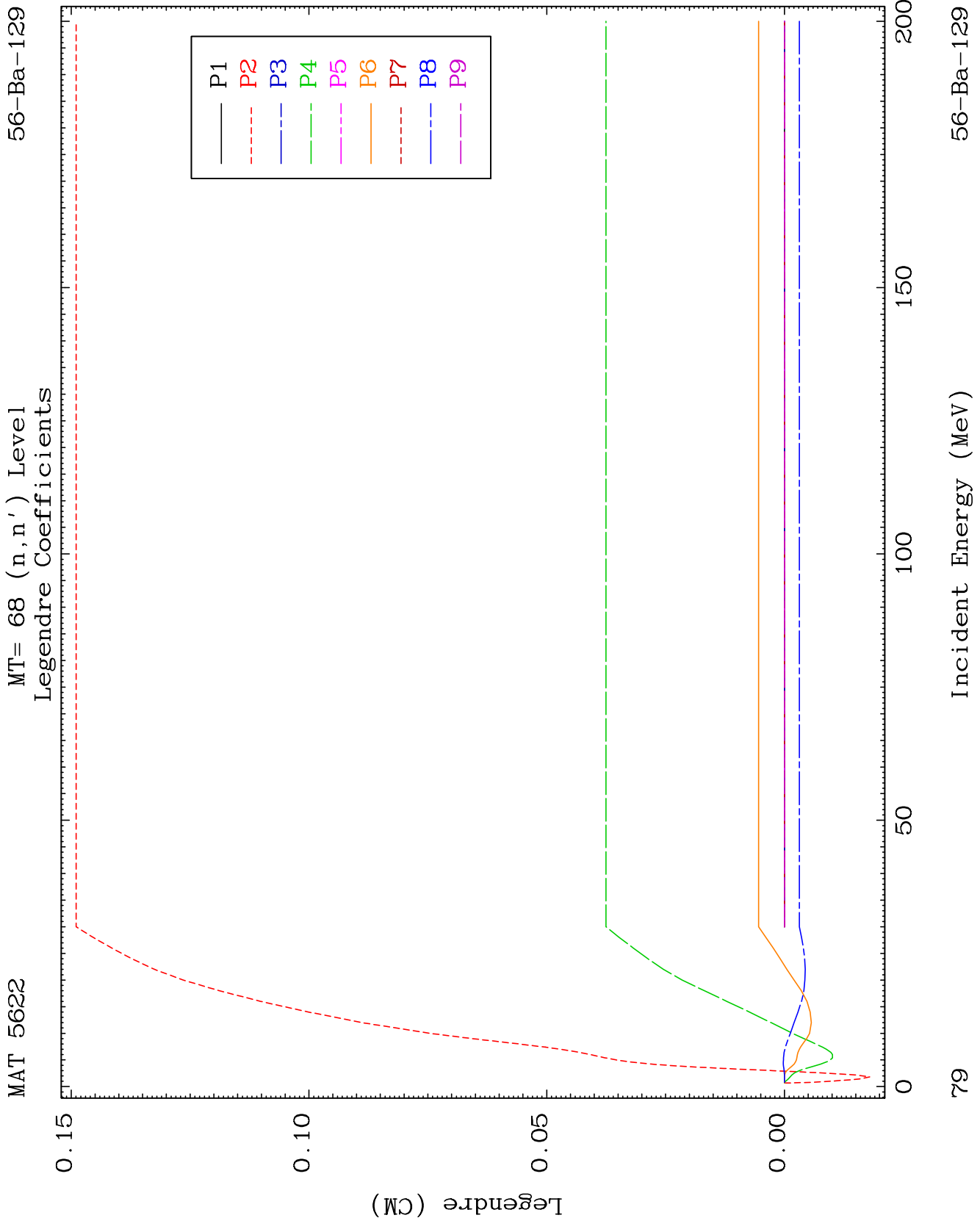
MAT 5622

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

56-Ba-129







56-Ba-129

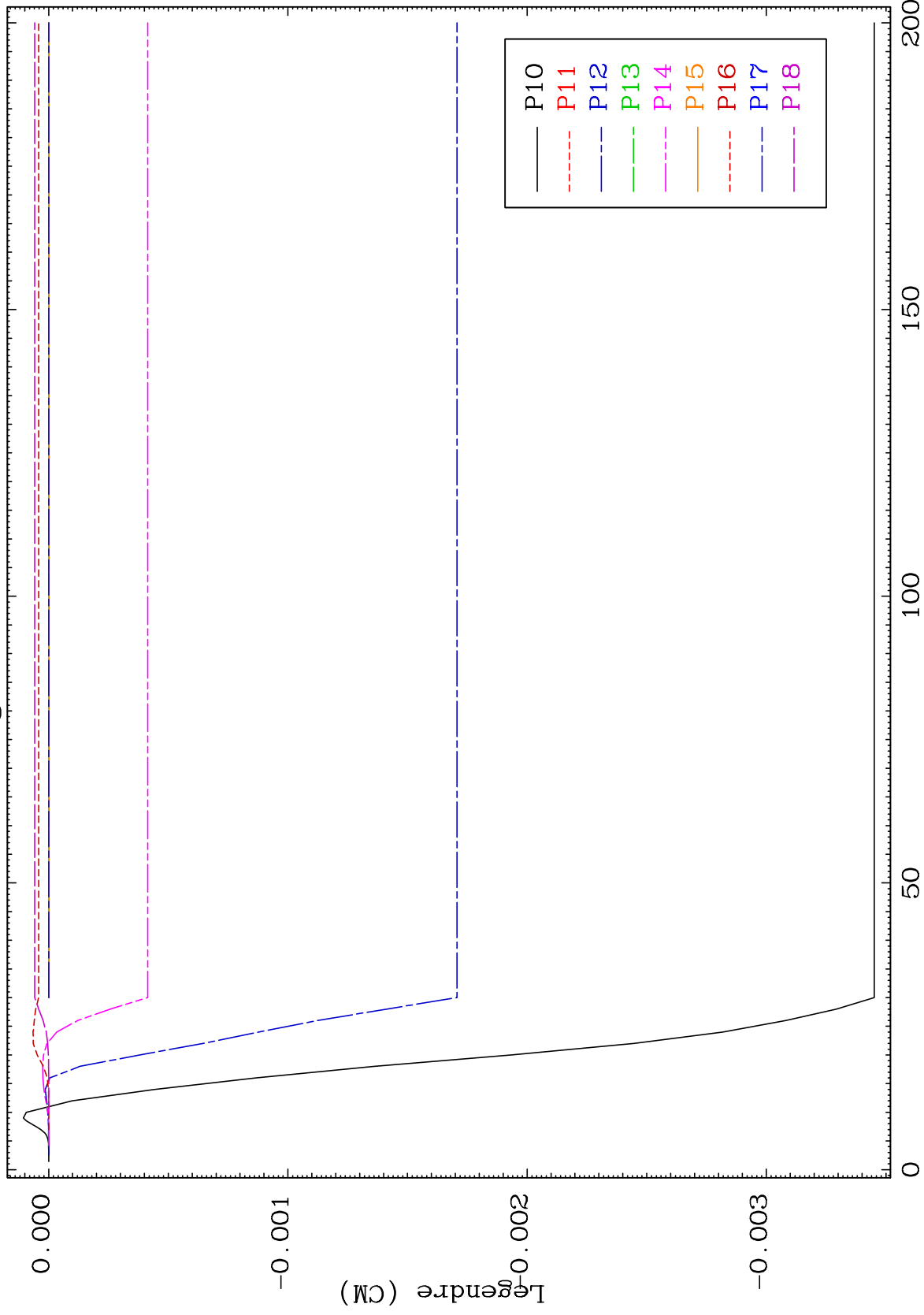
Incident Energy (MeV)

79

MAT 5622

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

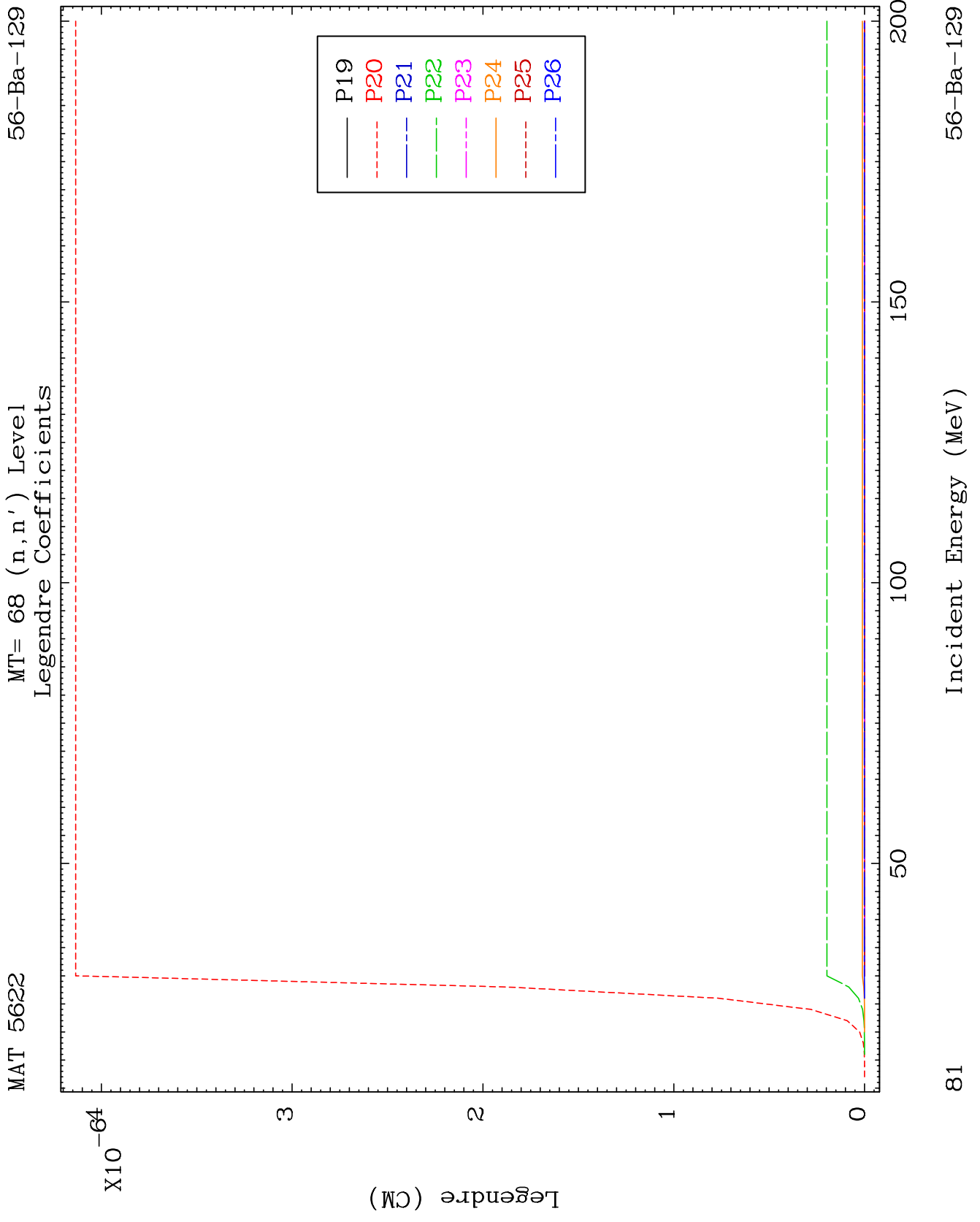
56-Ba-129



80

Incident Energy (MeV)

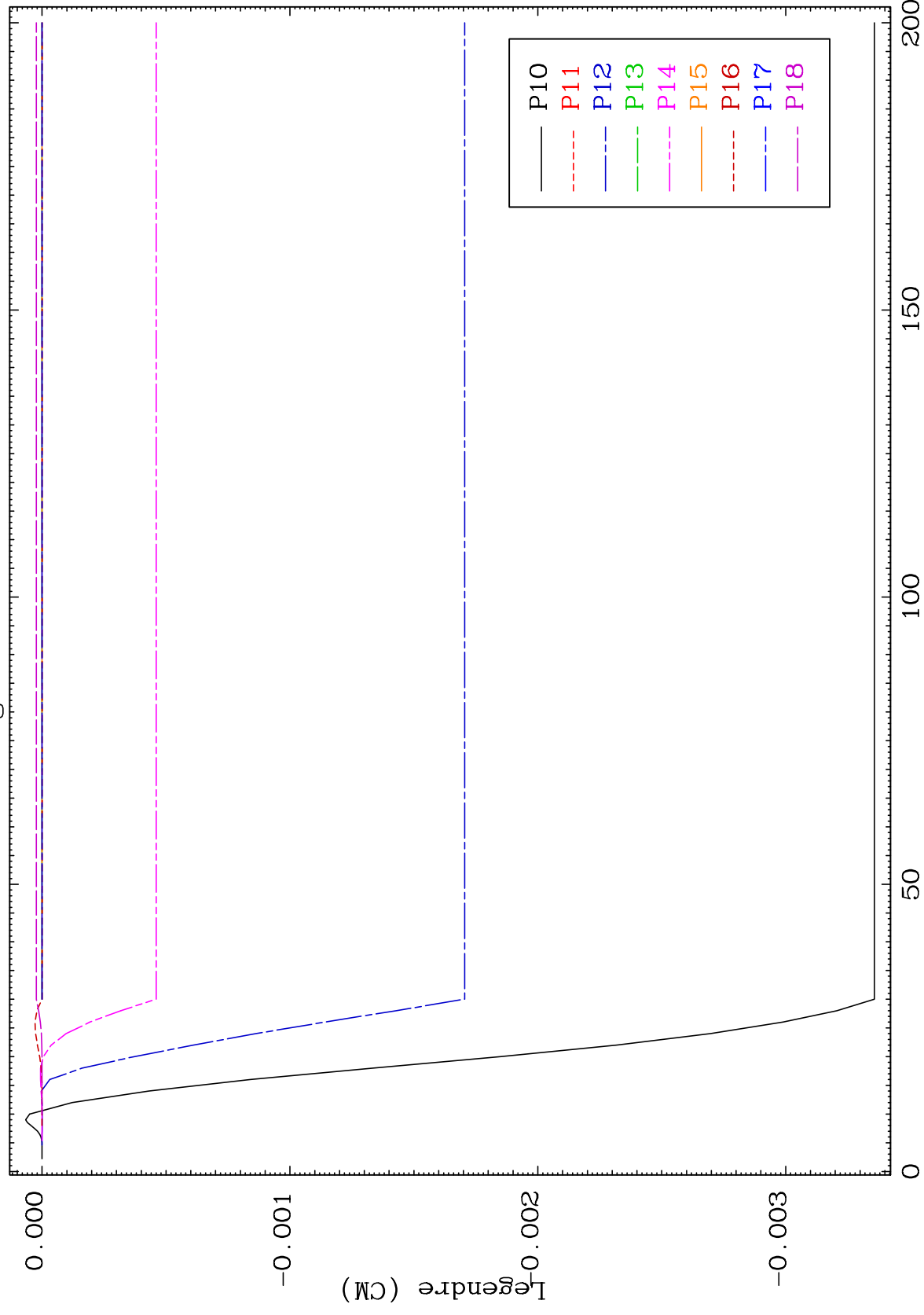
56-Ba-129



MAT 5622

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

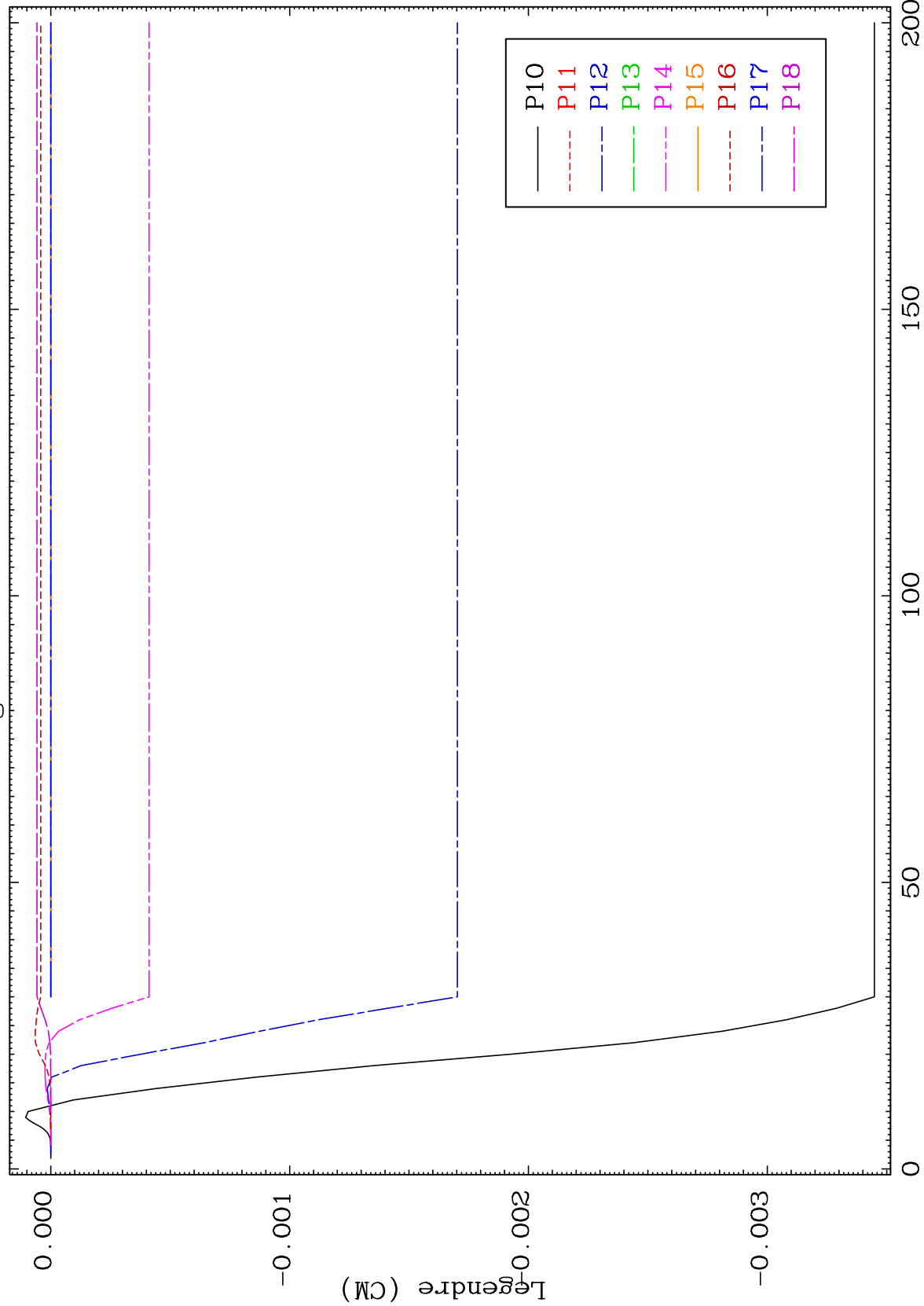
56-Ba-129



MAT 5622

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

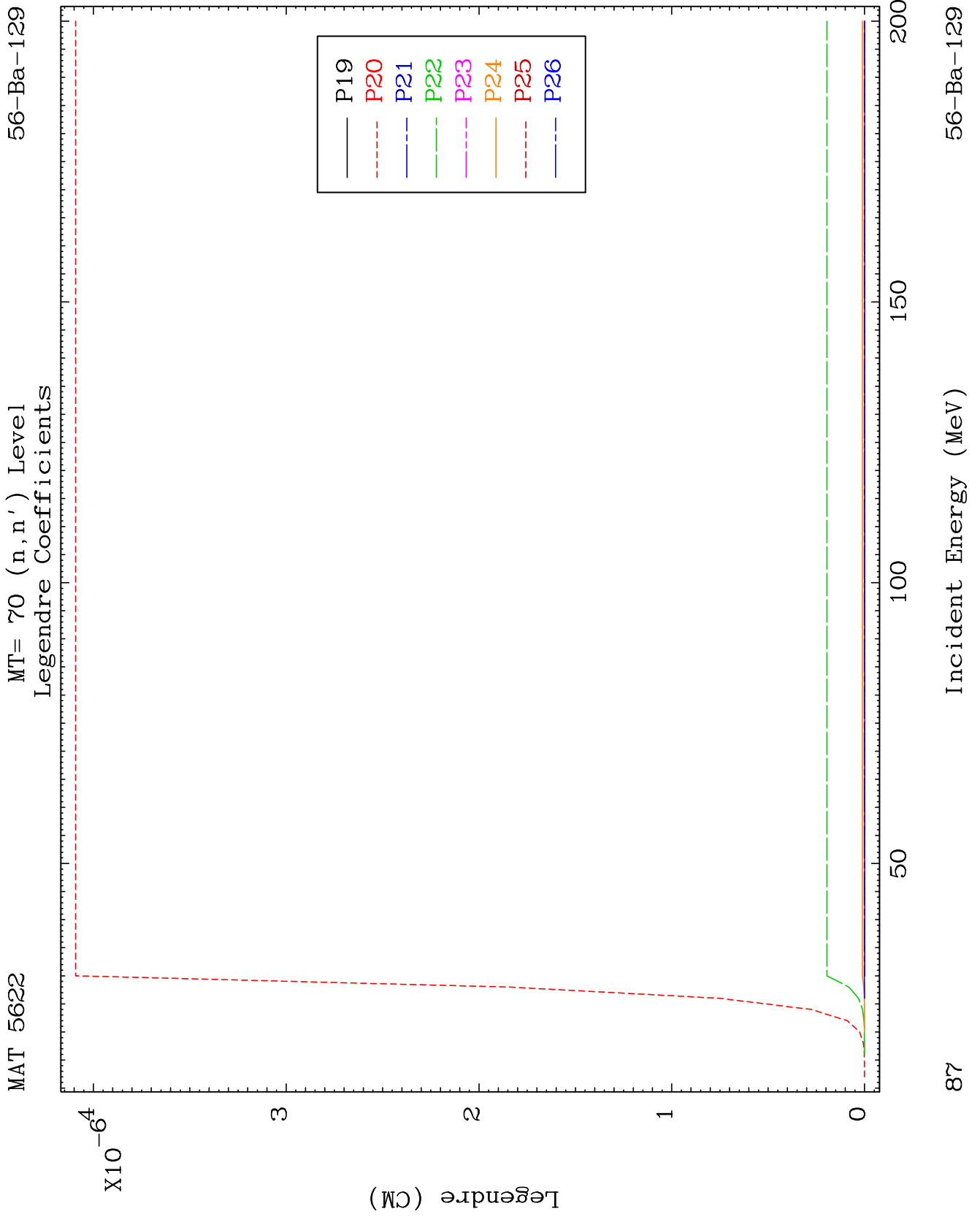
56-Ba-129

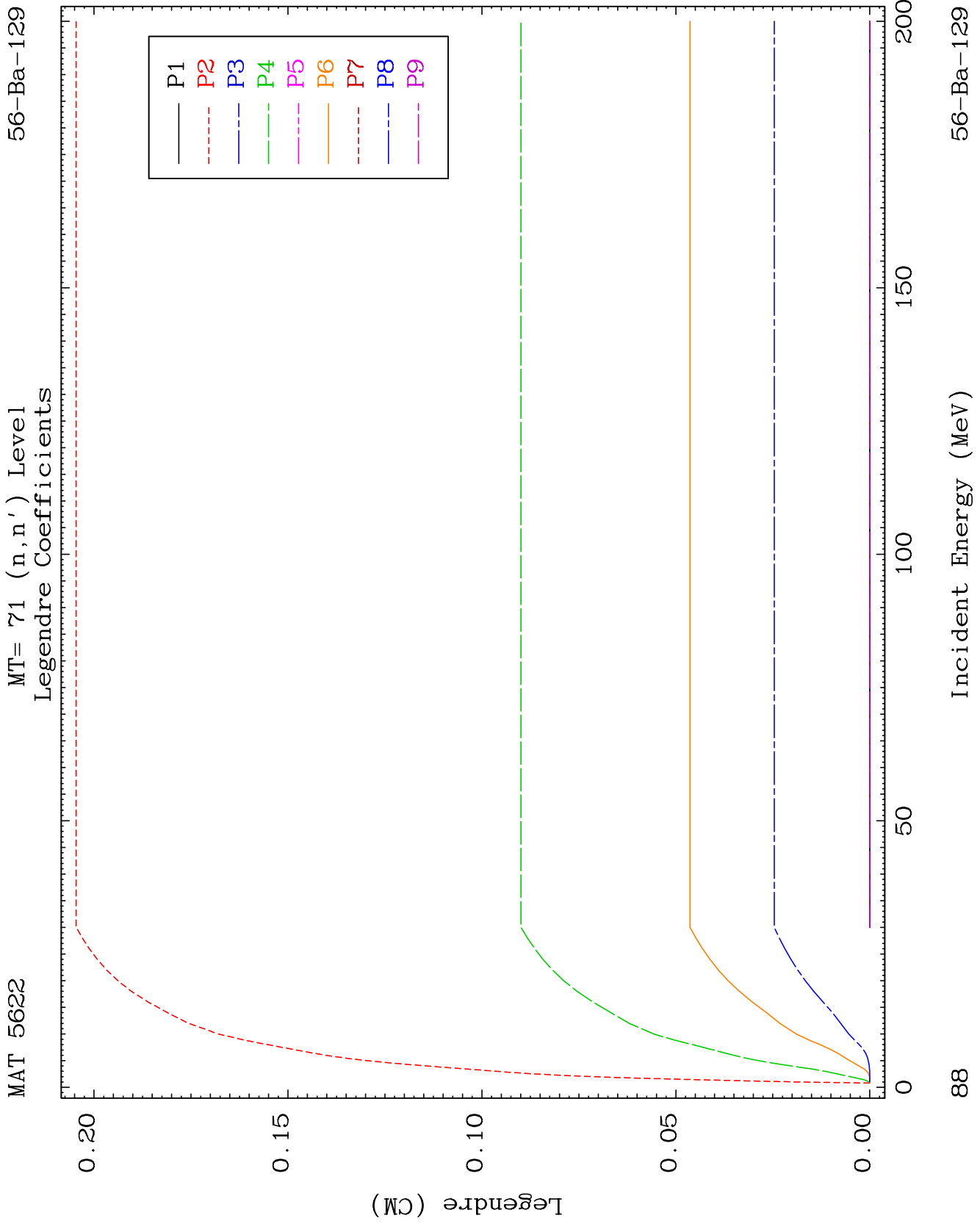


86

Incident Energy (MeV)

56-Ba-129

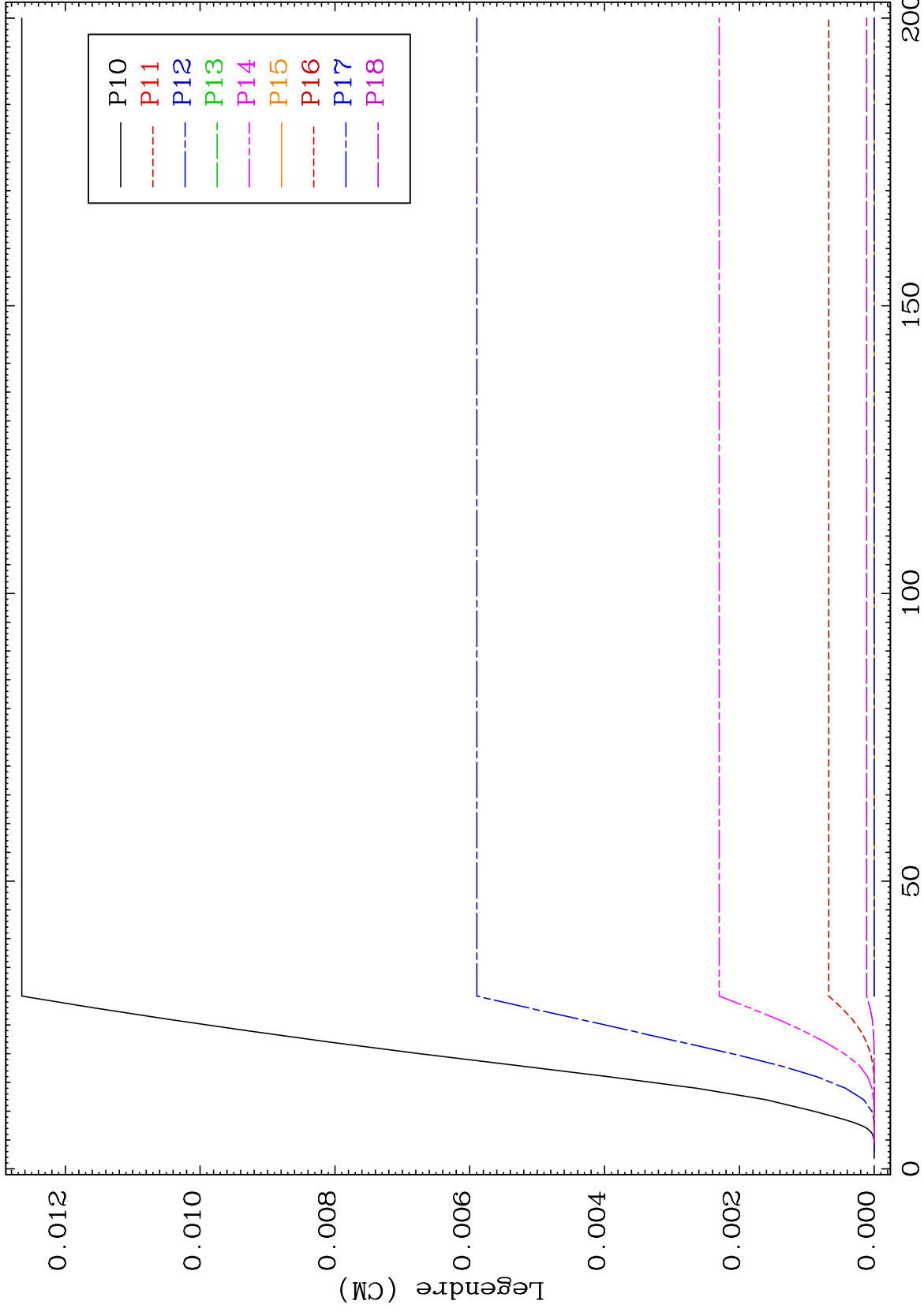




MAT 5622

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

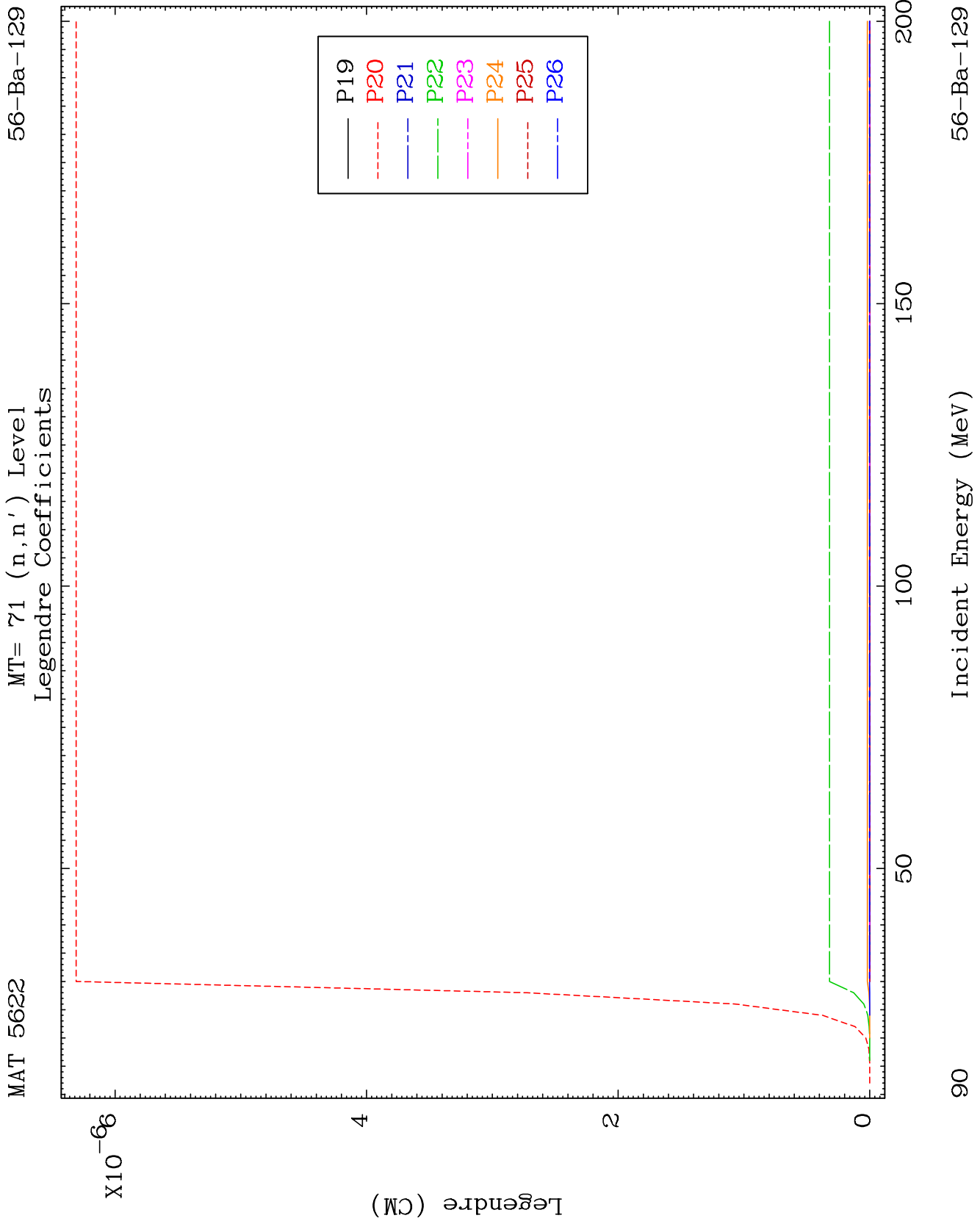
56-Ba-129

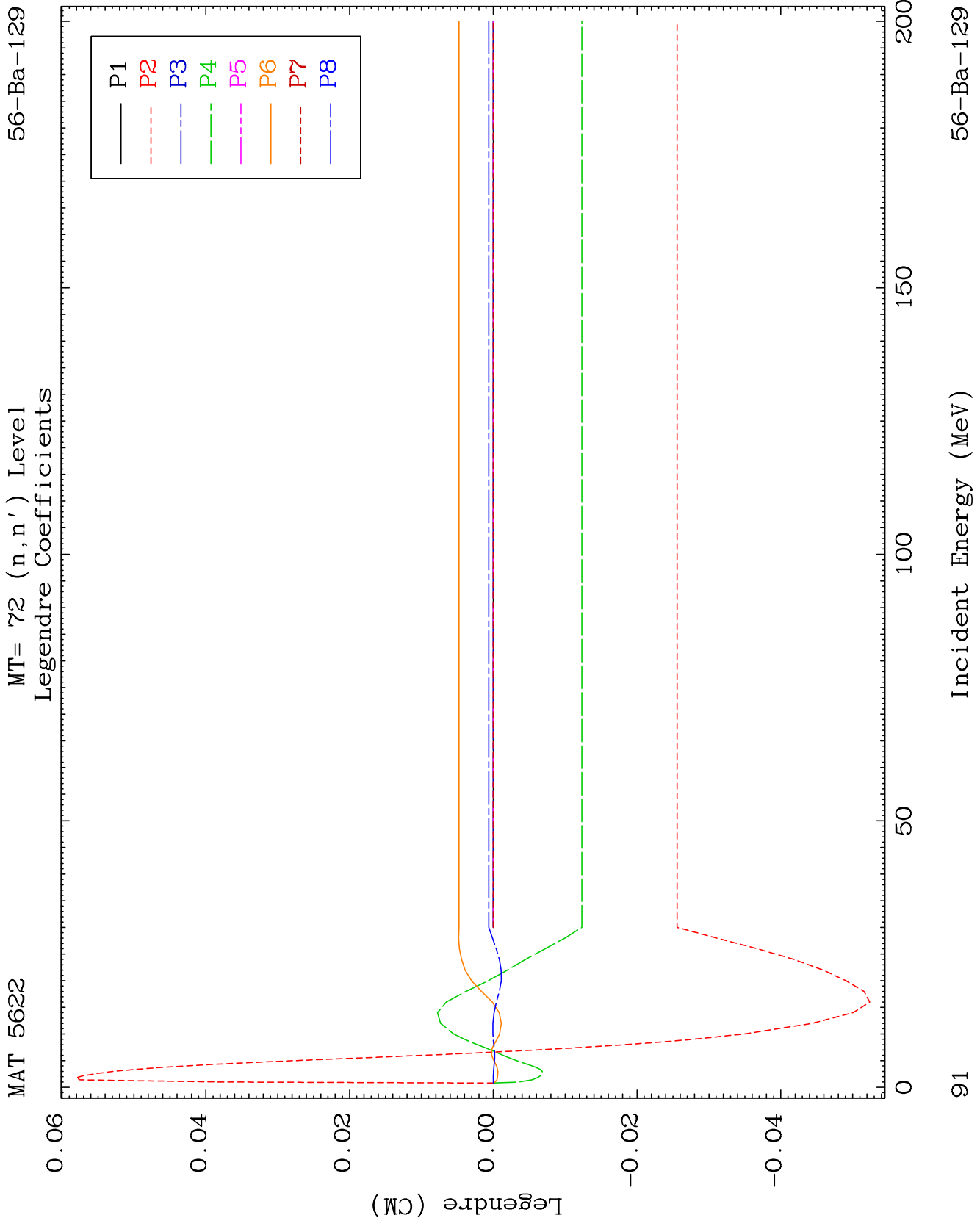


89

Incident Energy (MeV)

56-Ba-129

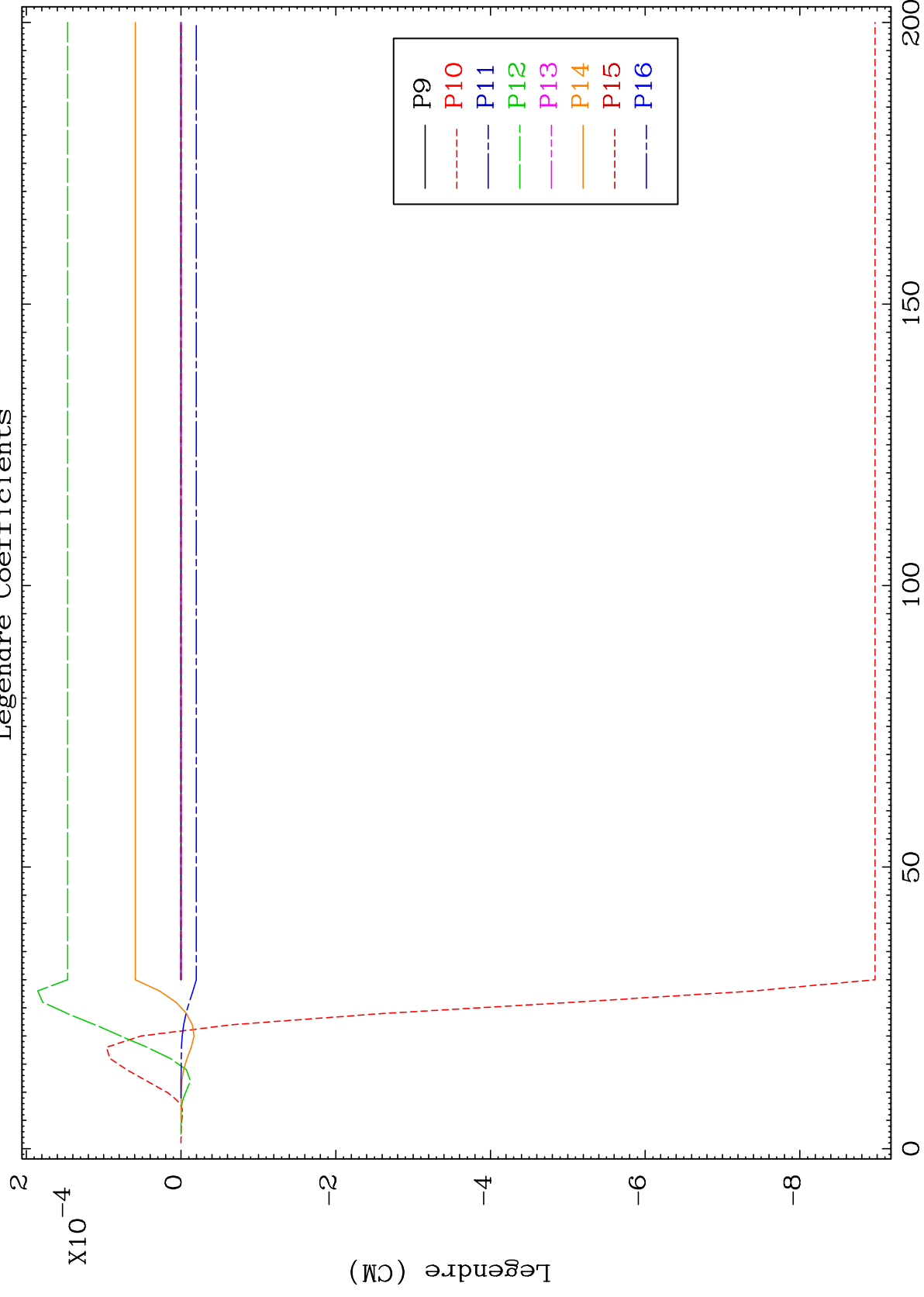




MAT 5622

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

56-Ba-129



92

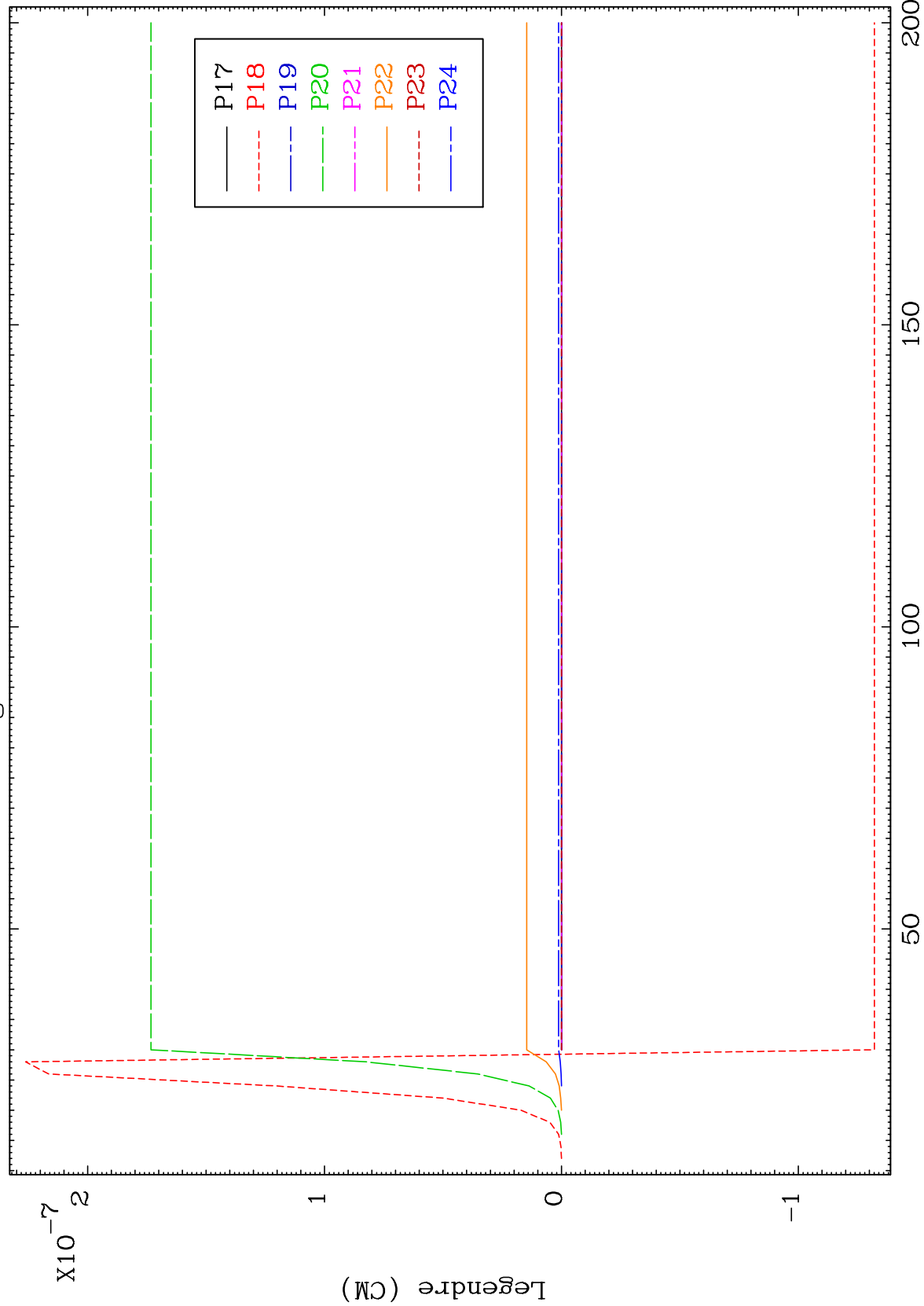
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

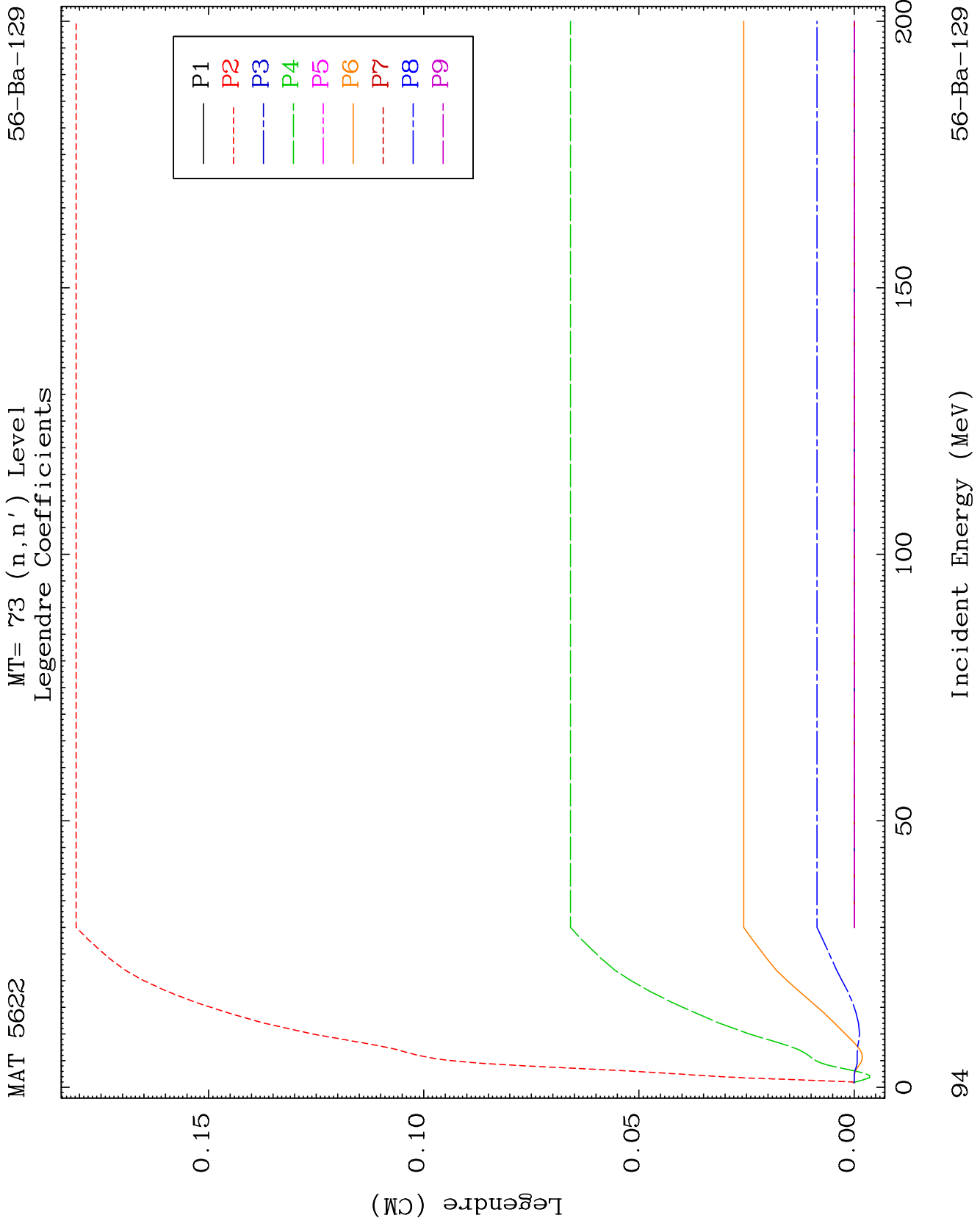
56-Ba-129



93

Incident Energy (MeV)

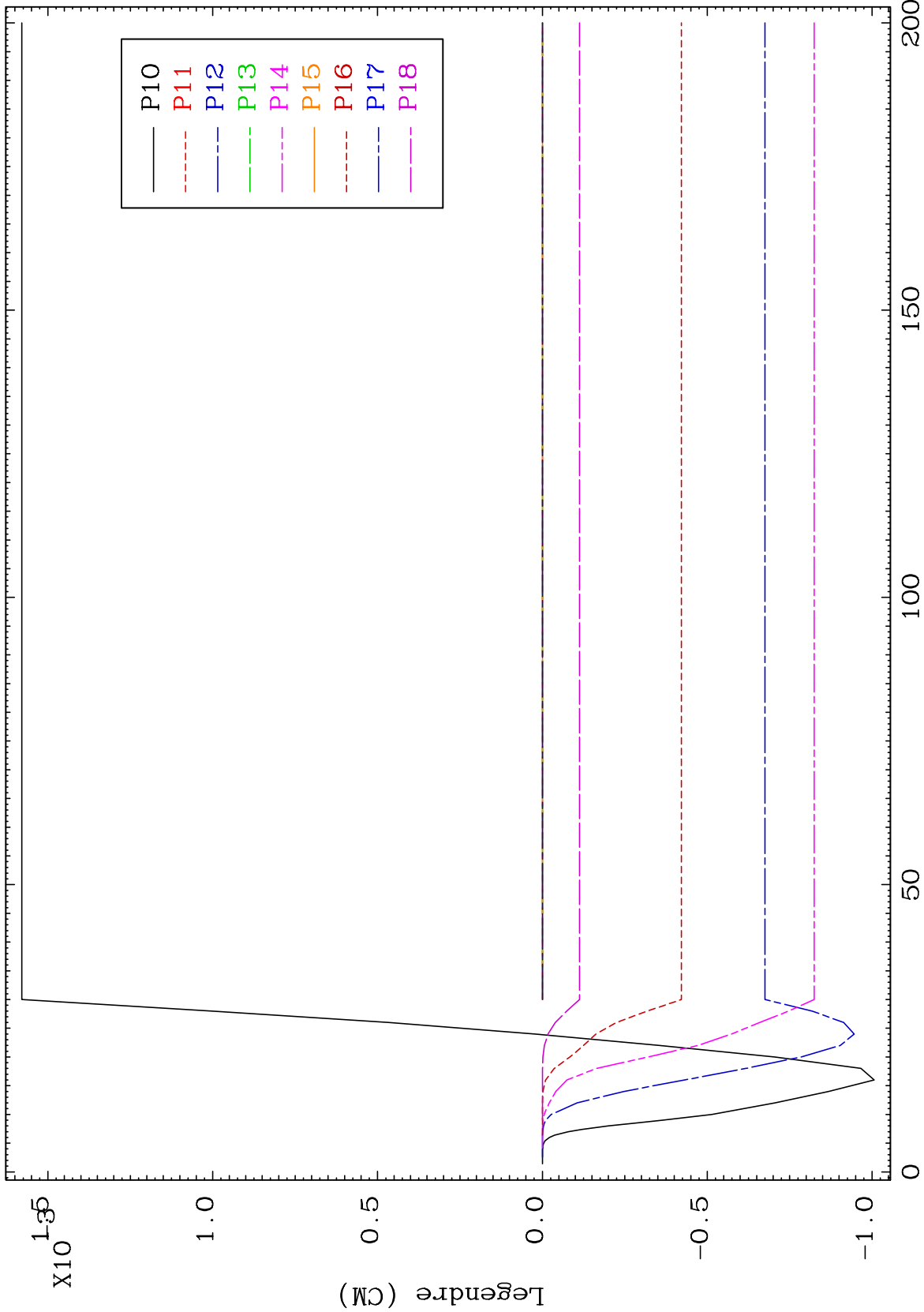
56-Ba-129



MAT 5622

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

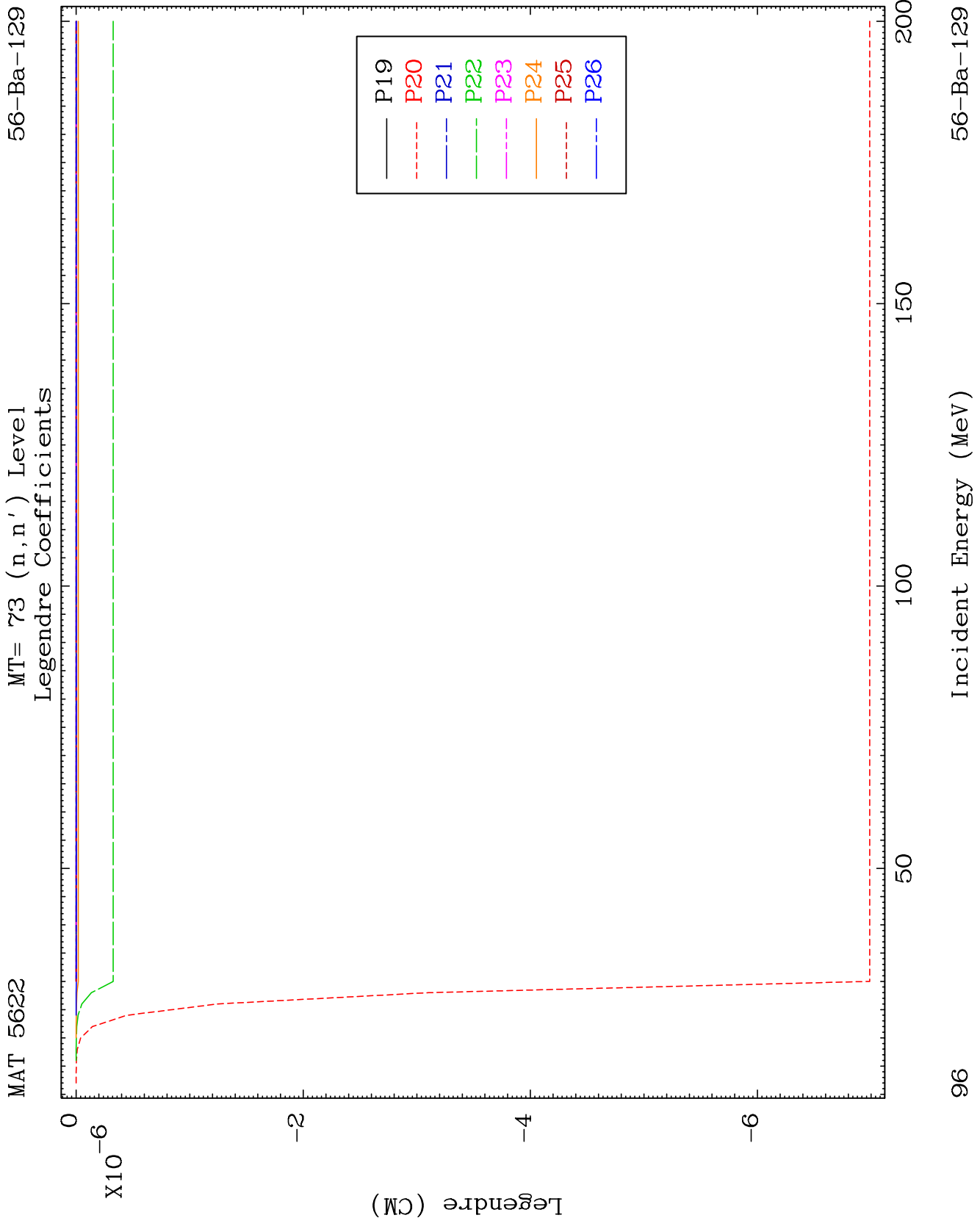
56-Ba-129



95

Incident Energy (MeV)

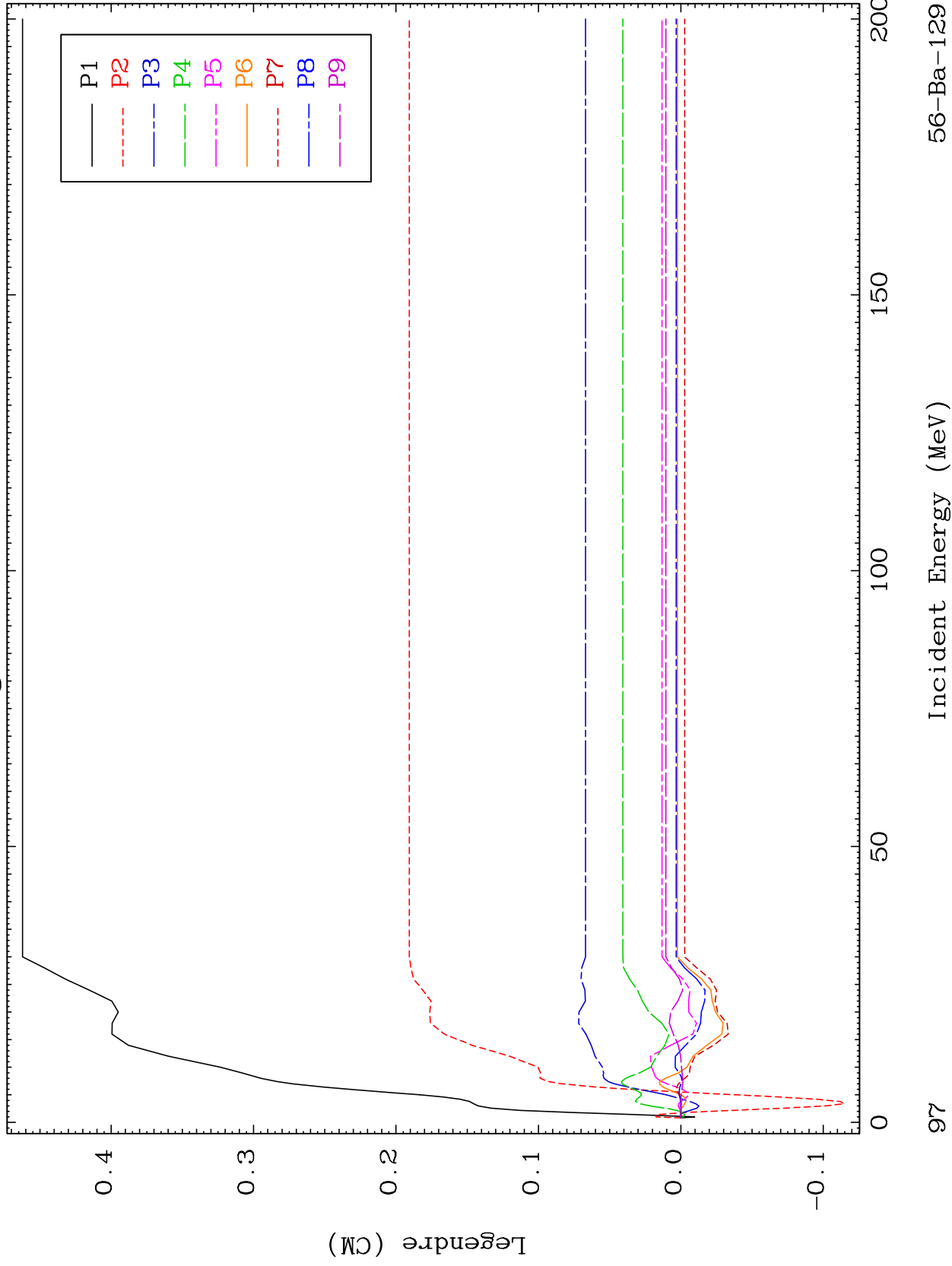
56-Ba-129



MAT 5622

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

56-Ba-129



56-Ba-129

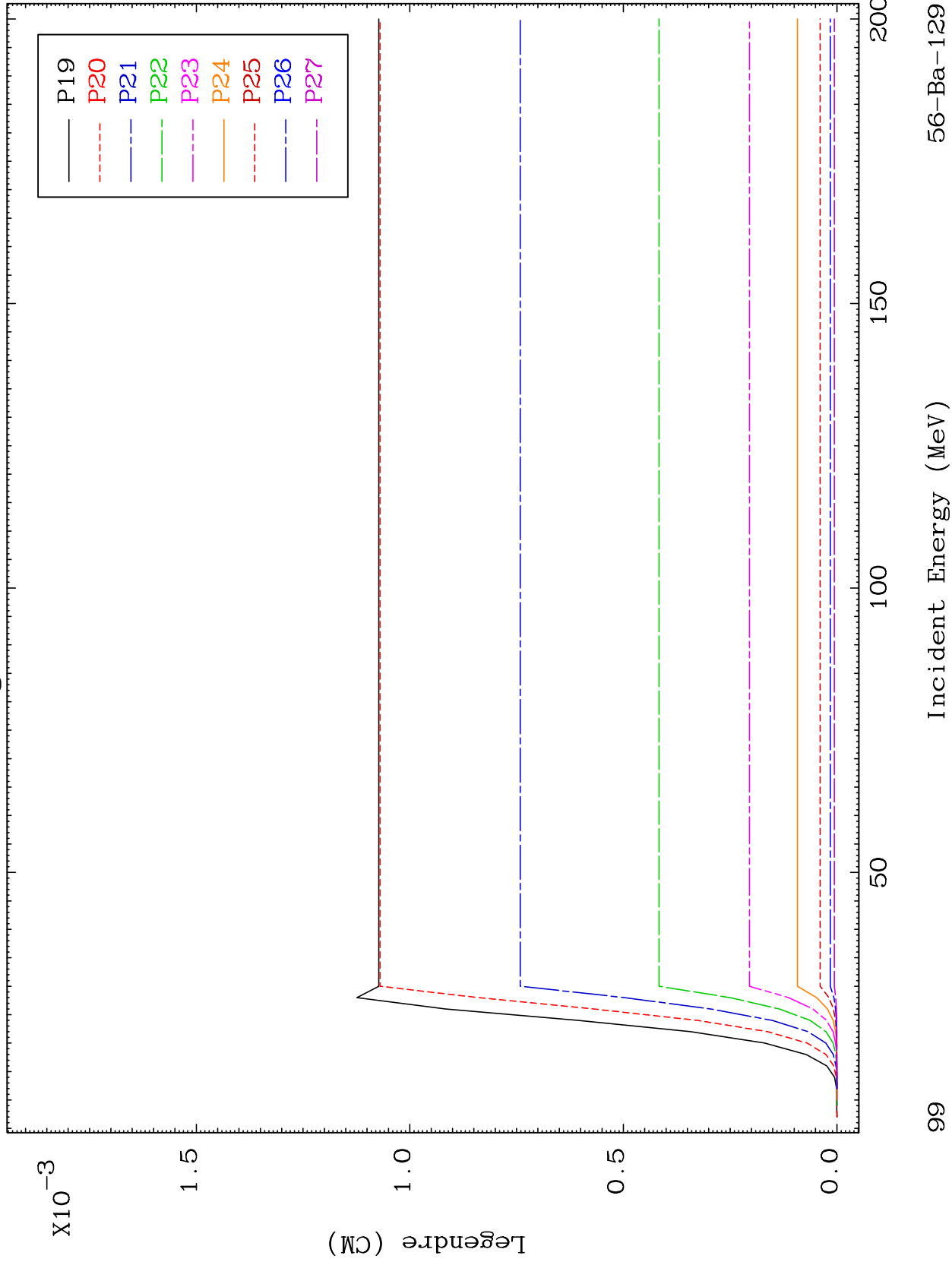
Incident Energy (MeV)

97

MAT 5622

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

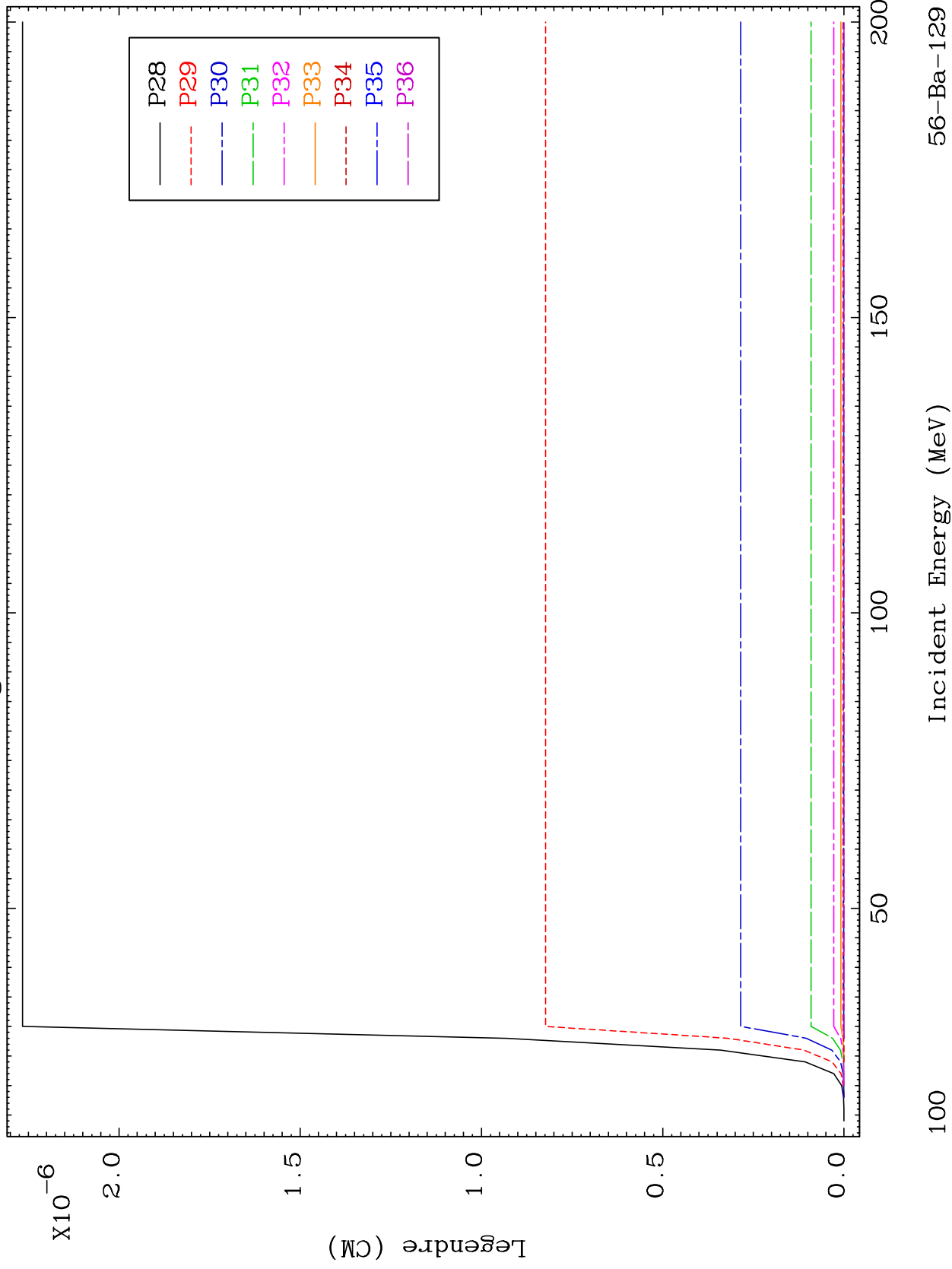
56-Ba-129



MAT 5622

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

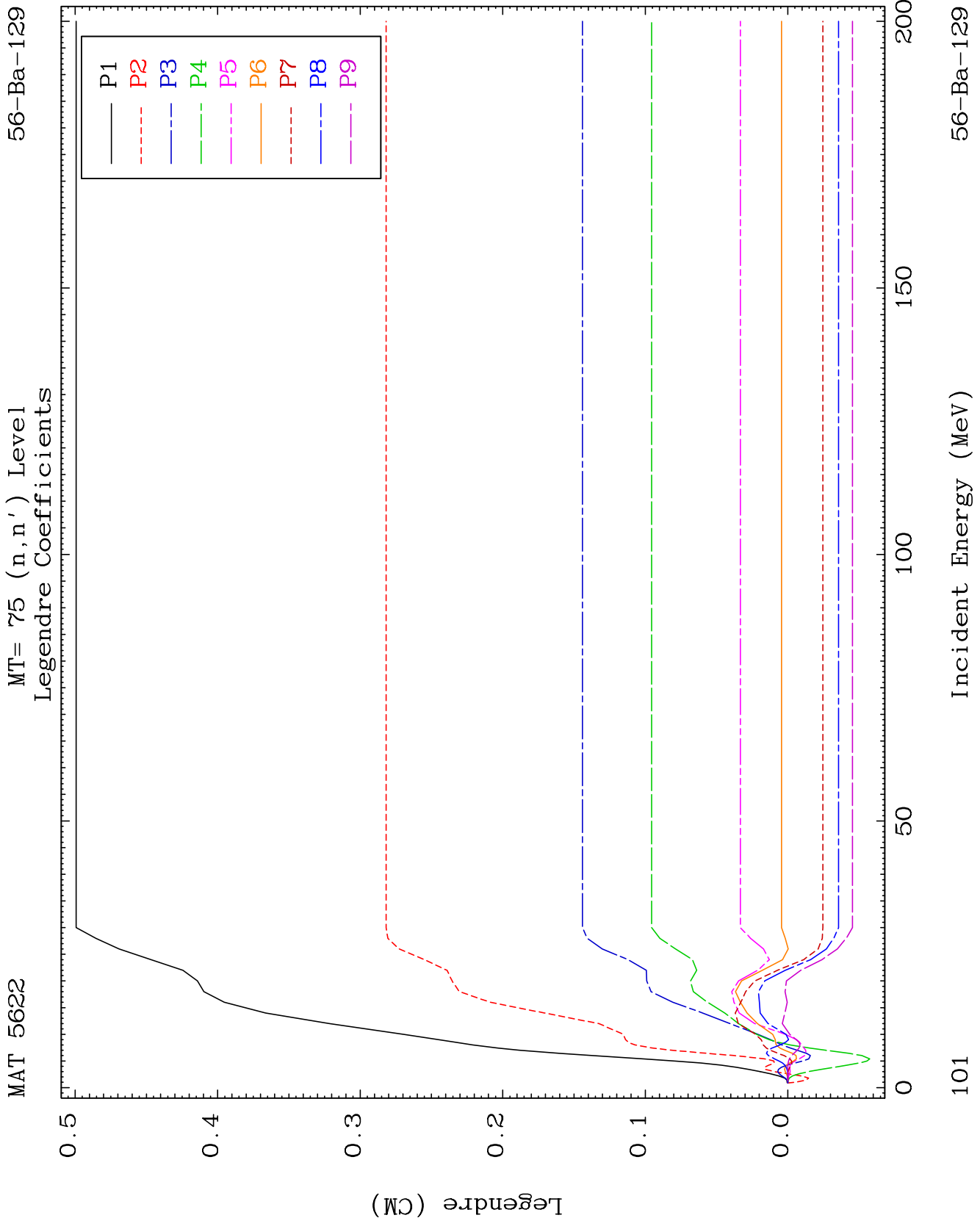
56-Ba-129



56-Ba-129

Incident Energy (MeV)

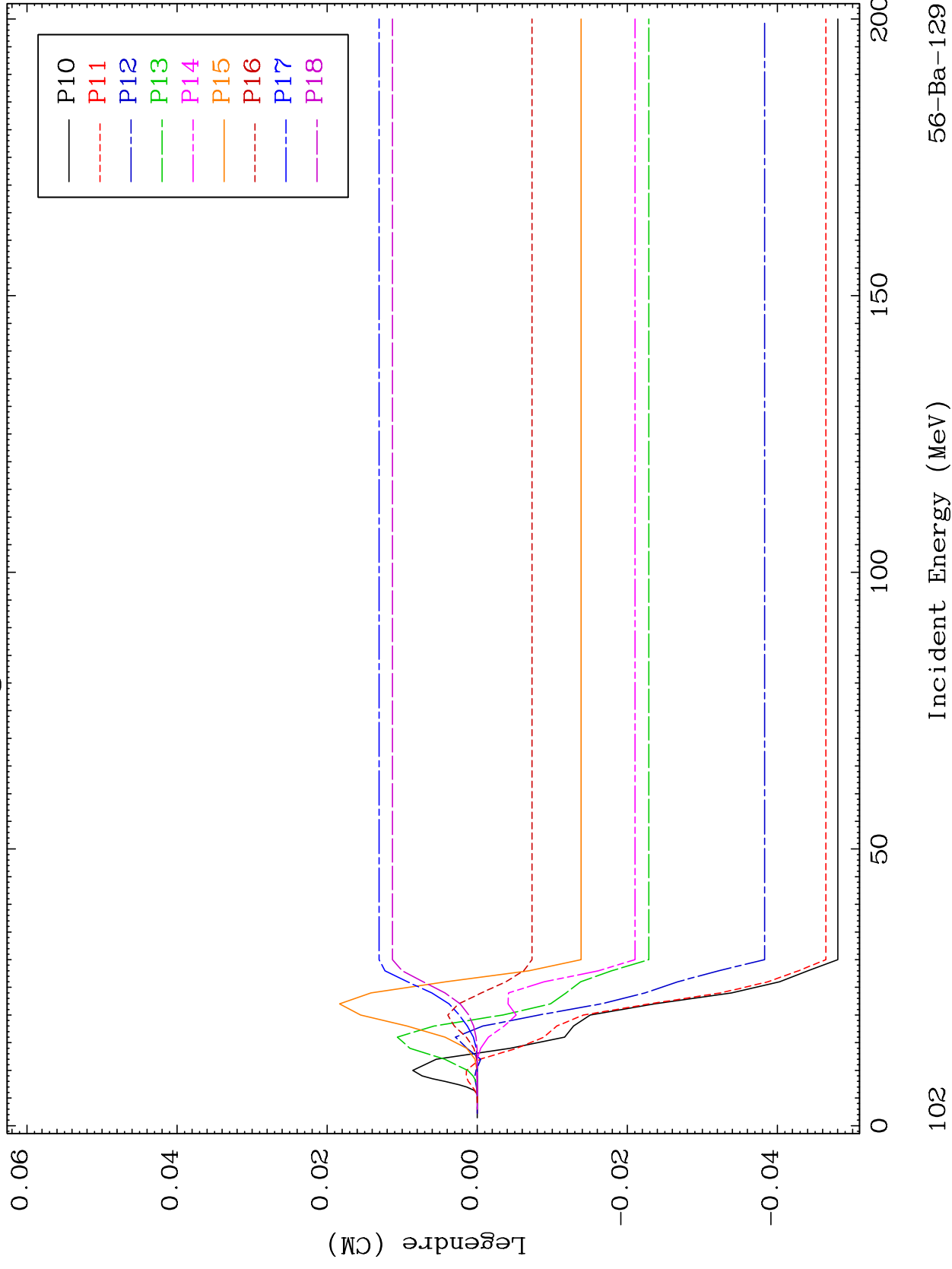
100



MAT 5622

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

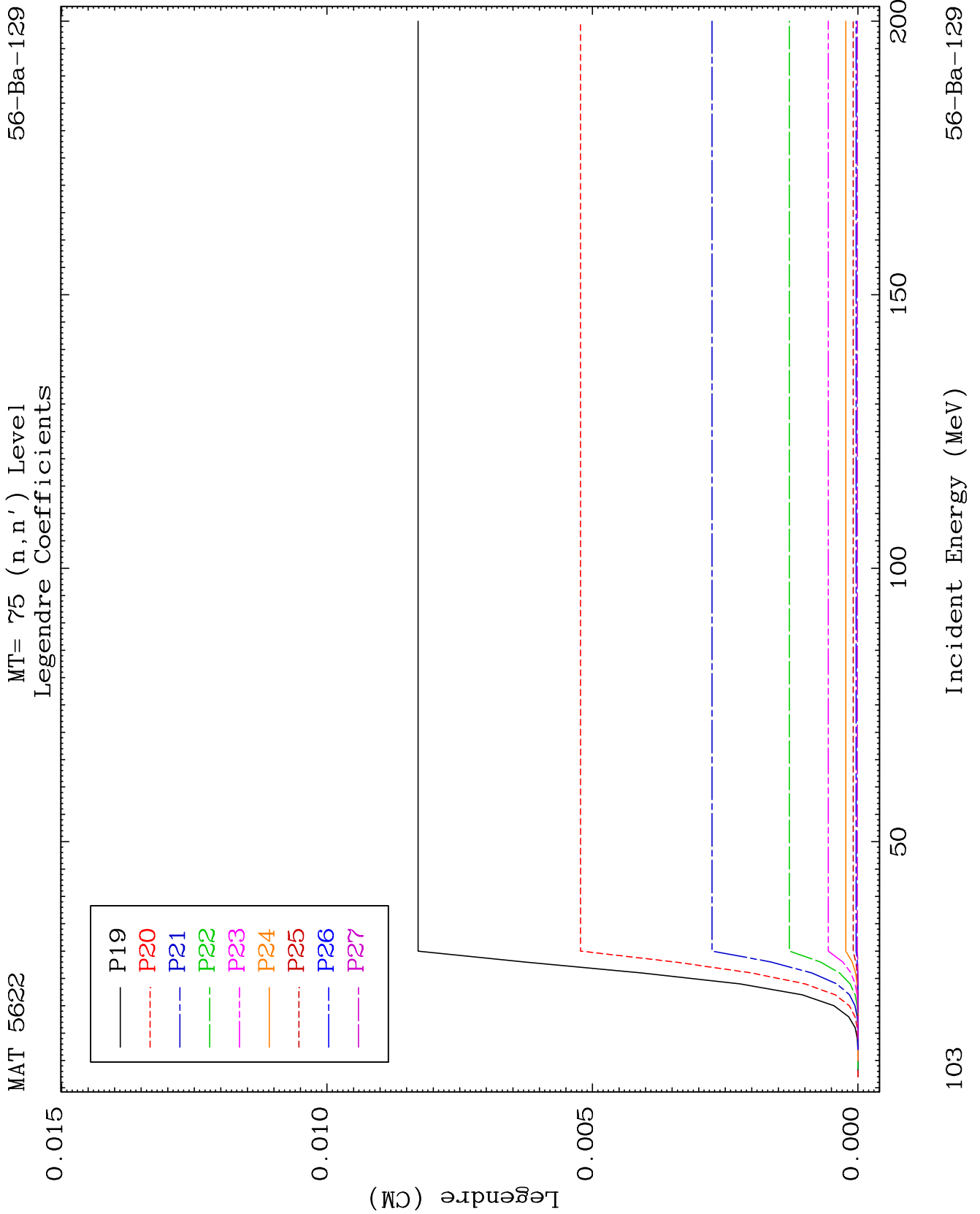
56-Ba-129



56-Ba-129

Incident Energy (MeV)

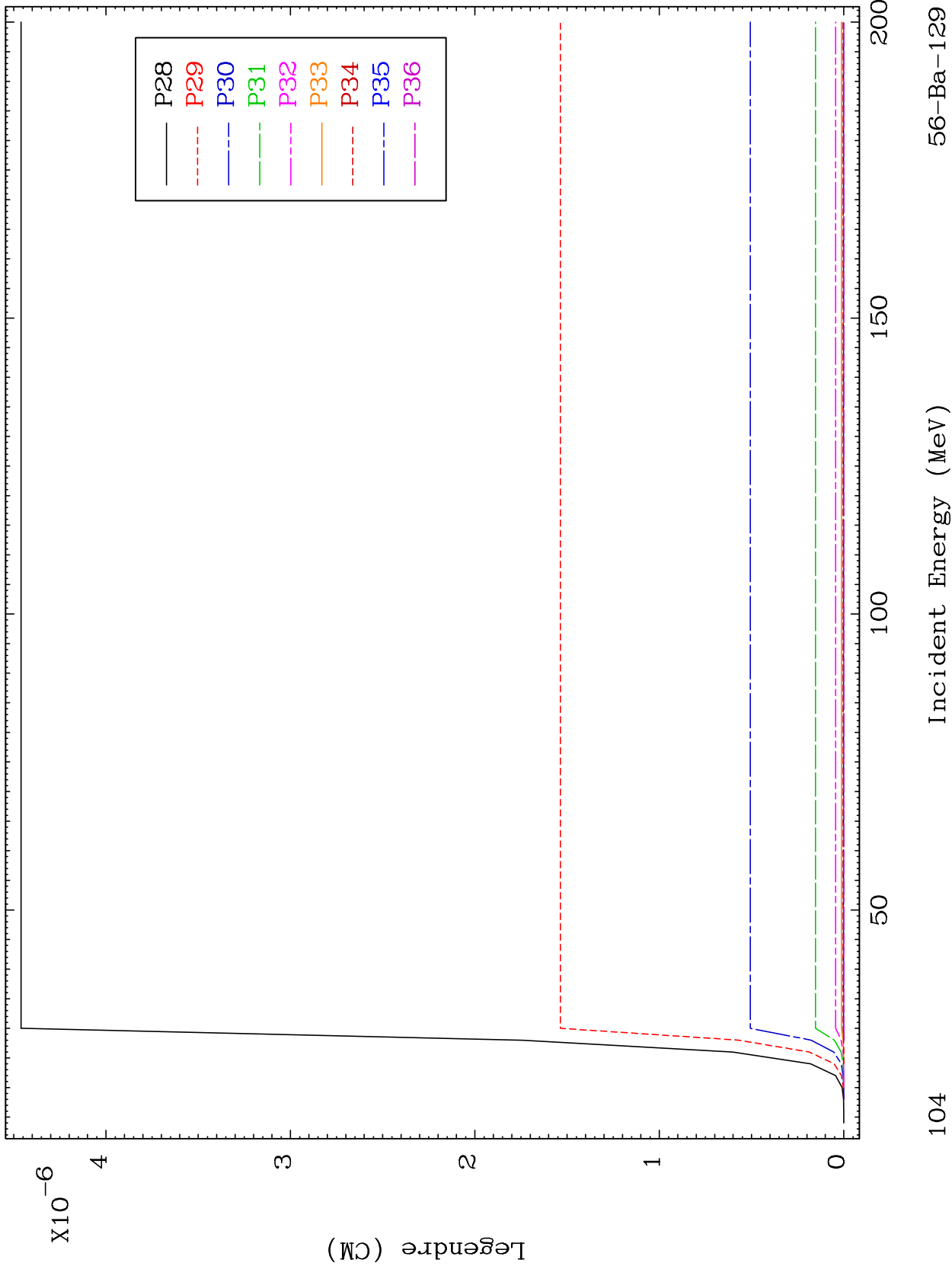
102



MAT 5622

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

56-Ba-129

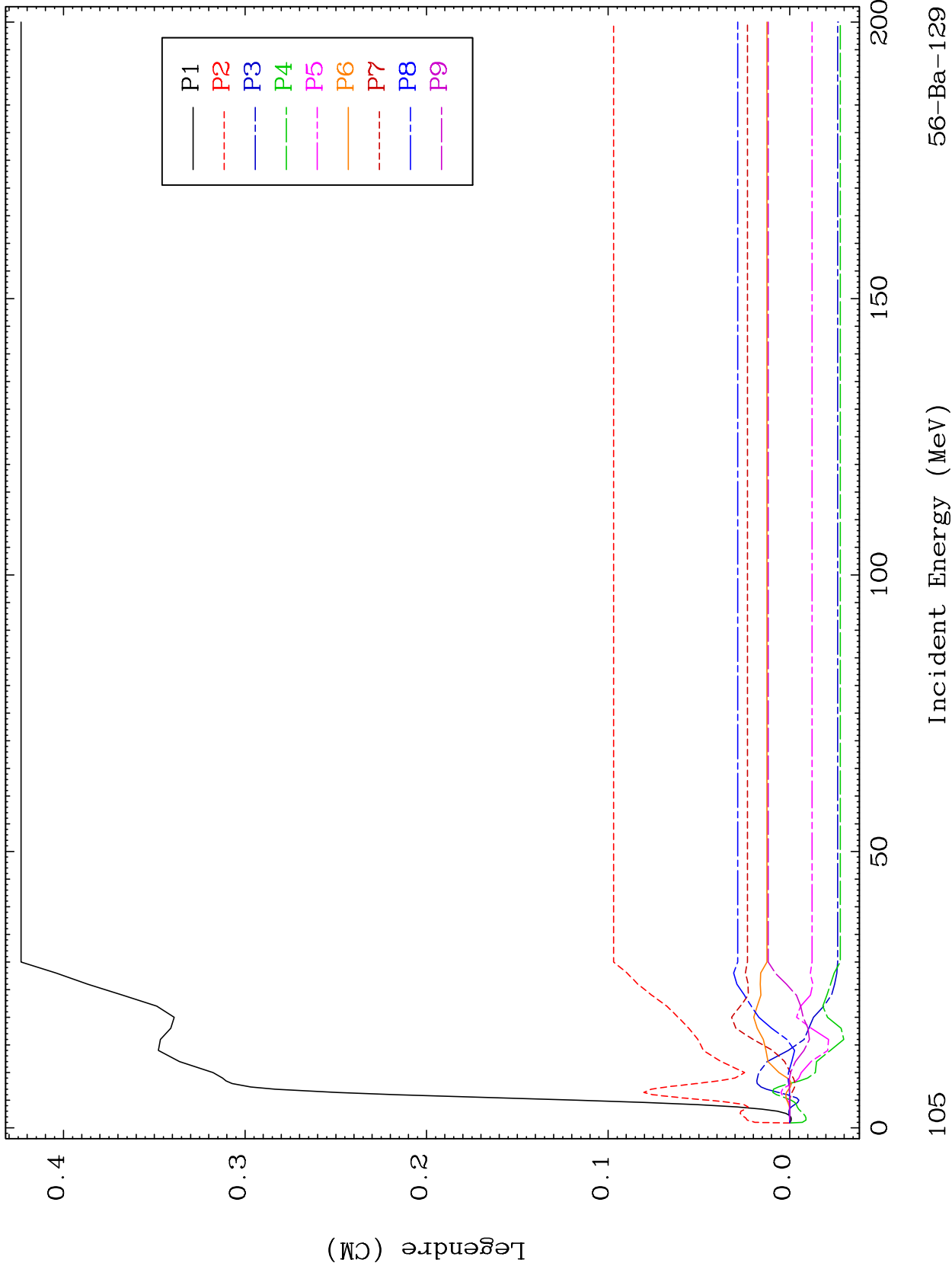


104

MAT 5622

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

56-Ba-129



56-Ba-129

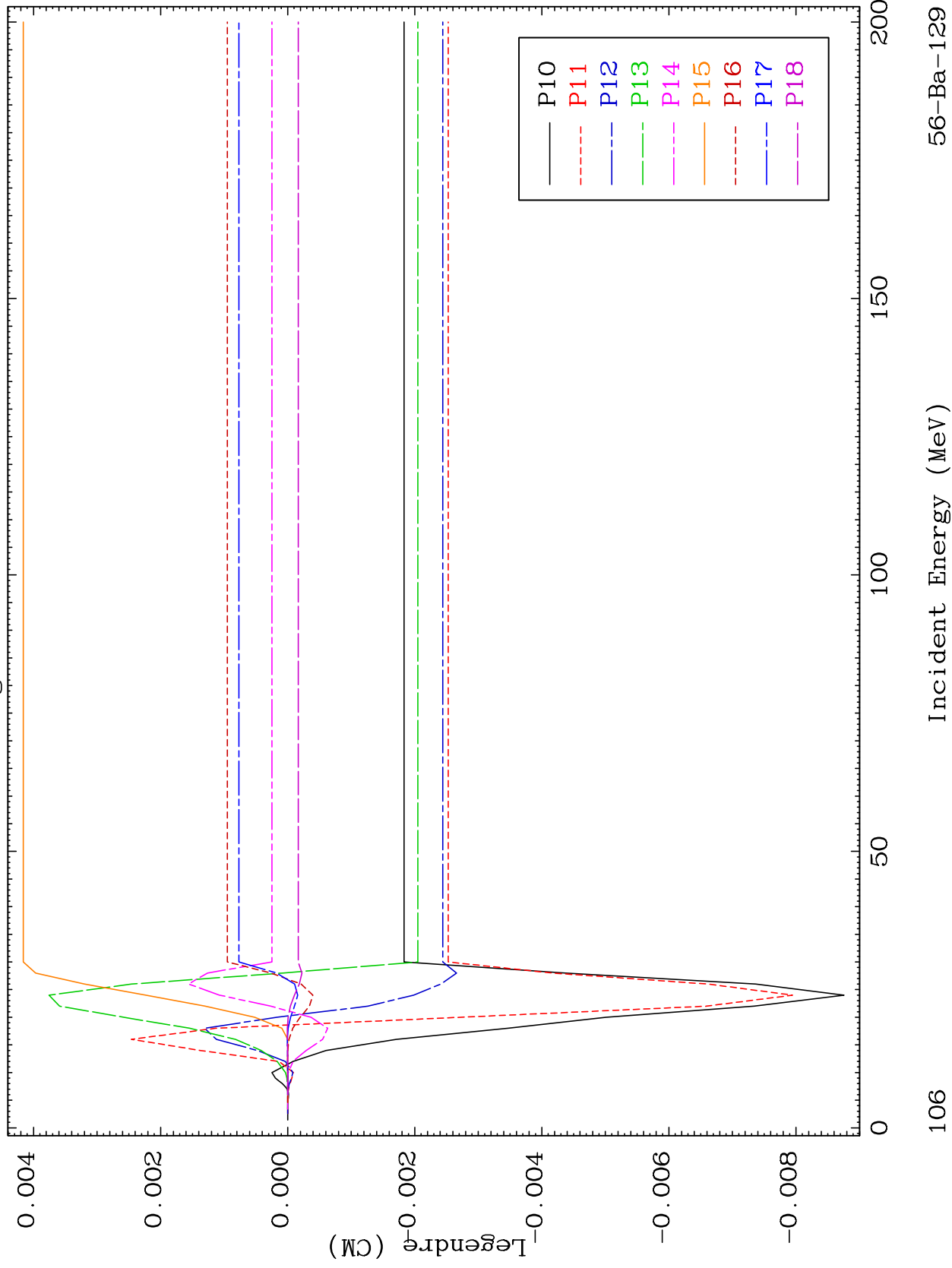
Incident Energy (MeV)

105

MAT 5622

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

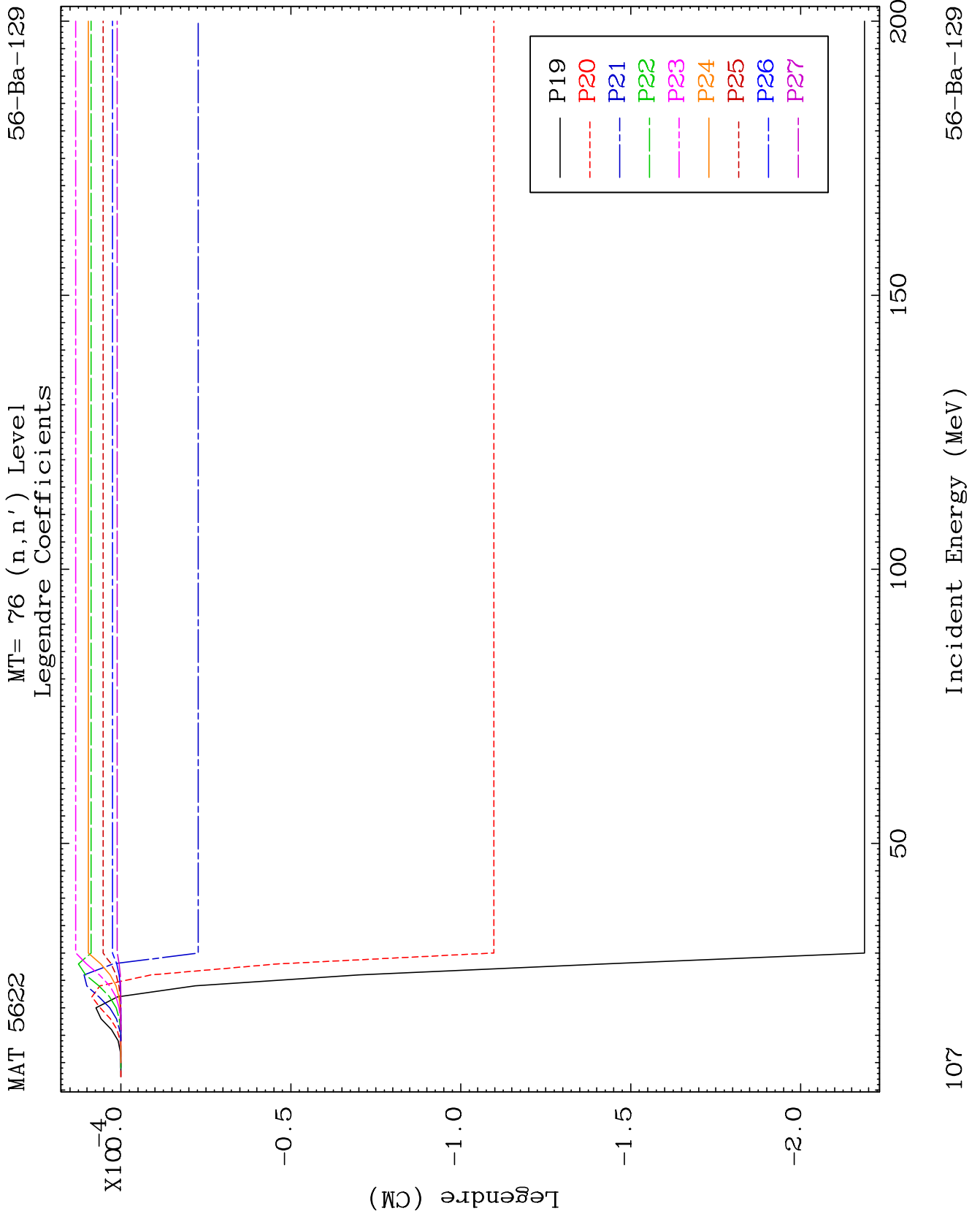
56-Ba-129



56-Ba-129

Incident Energy (MeV)

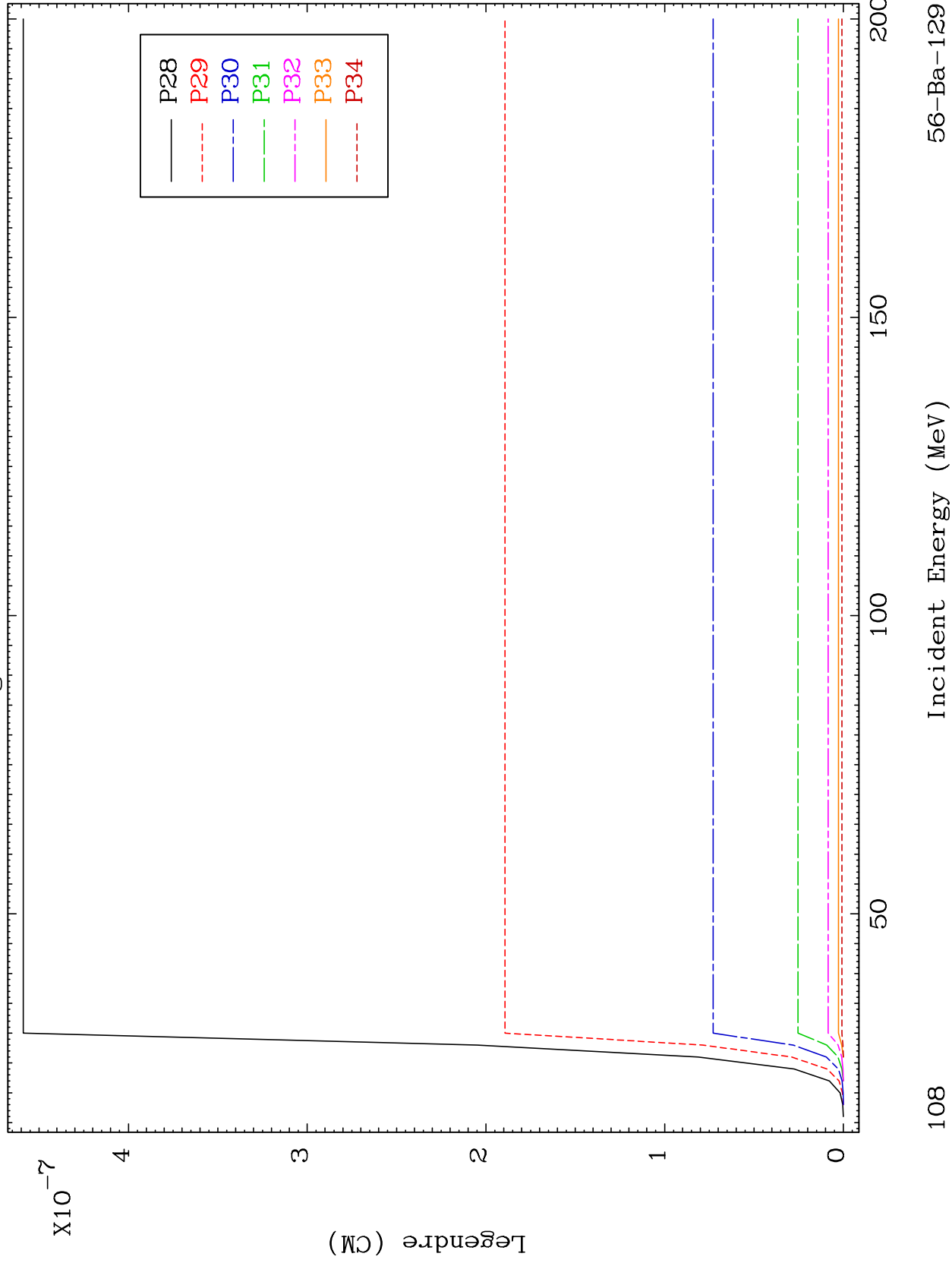
106



MAT 5622

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

56-Ba-129



56-Ba-129

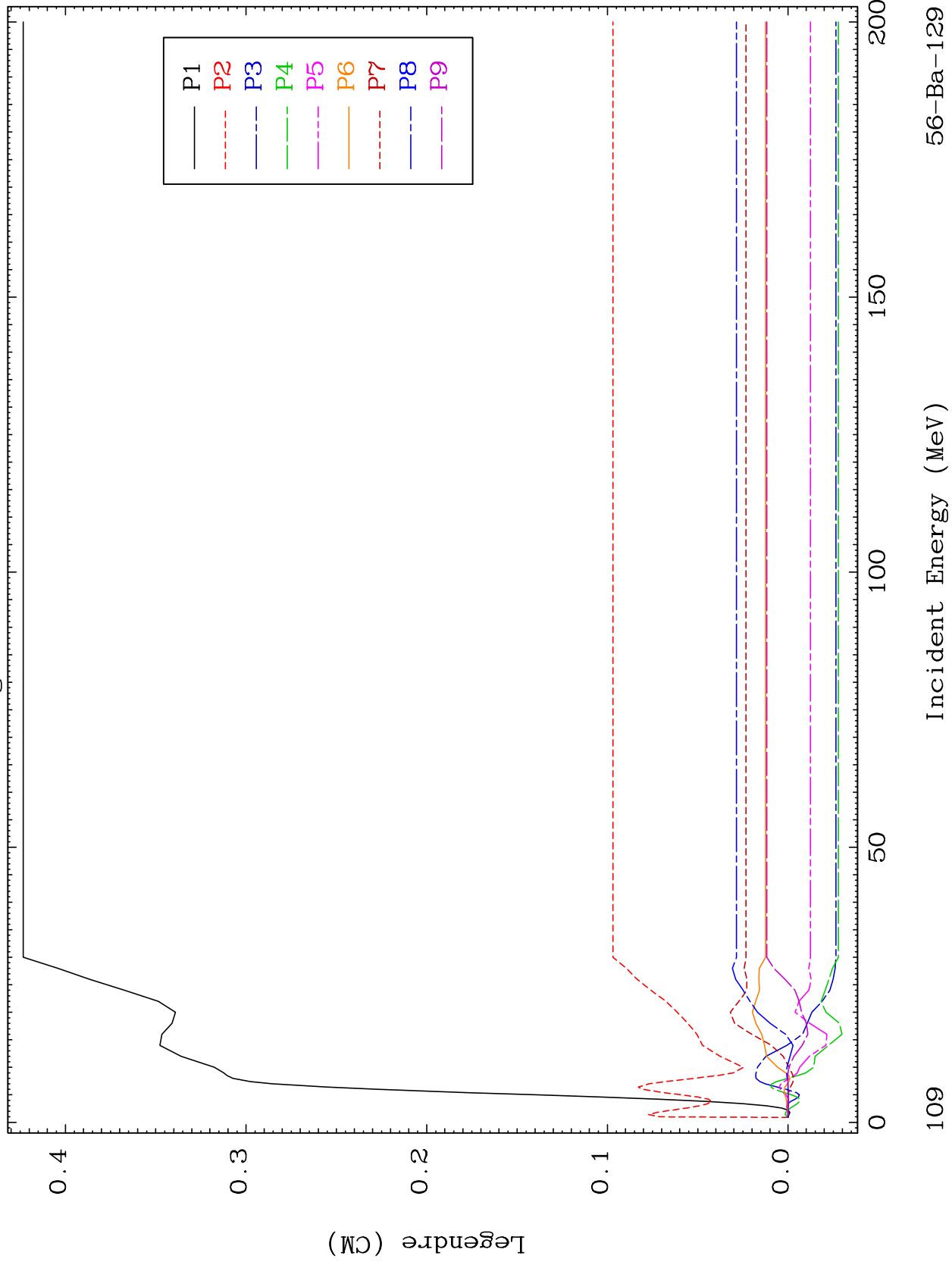
Incident Energy (MeV)

108

MAT 5622

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

56-Ba-129

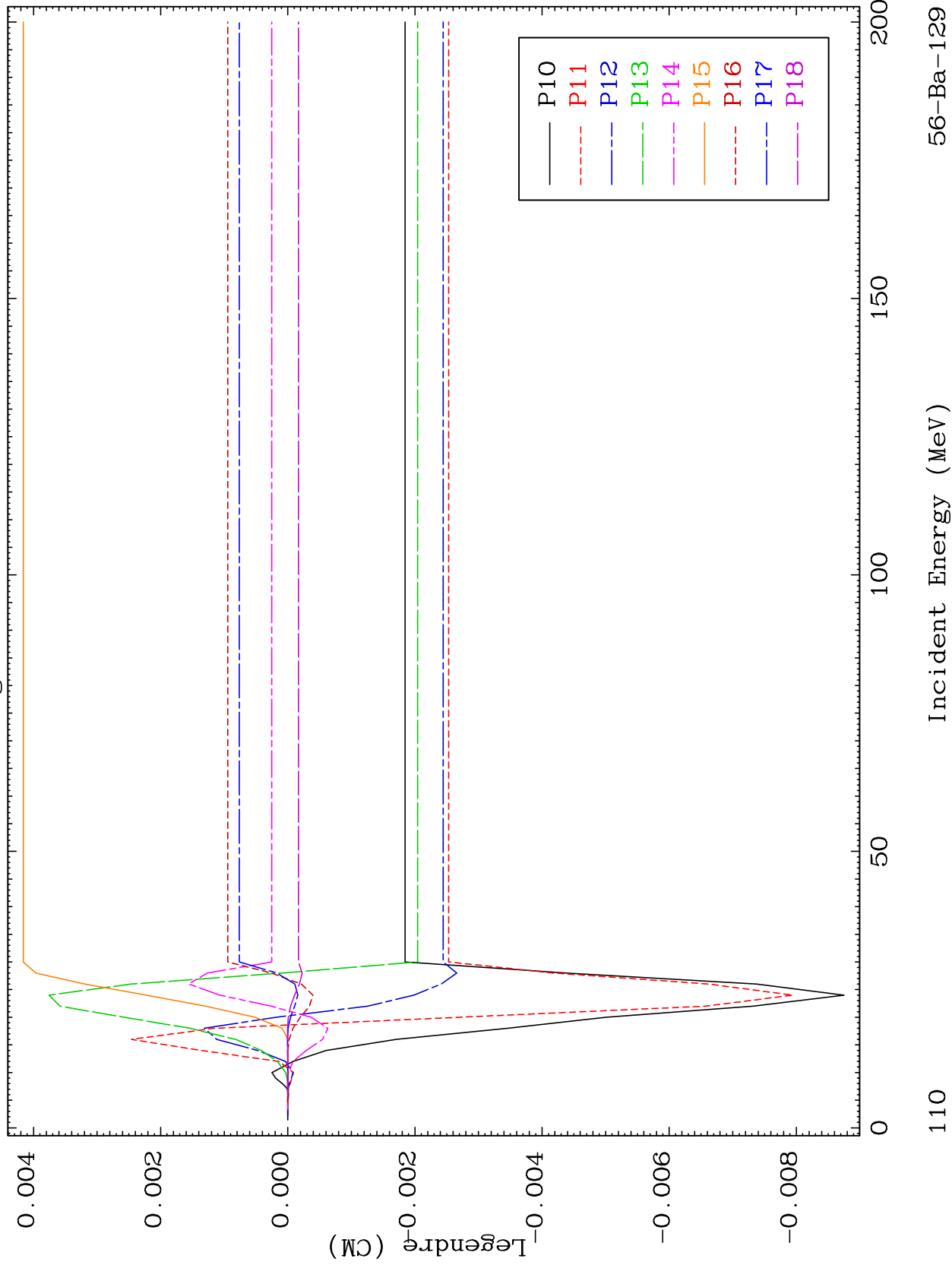


56-Ba-129

MAT 5622

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

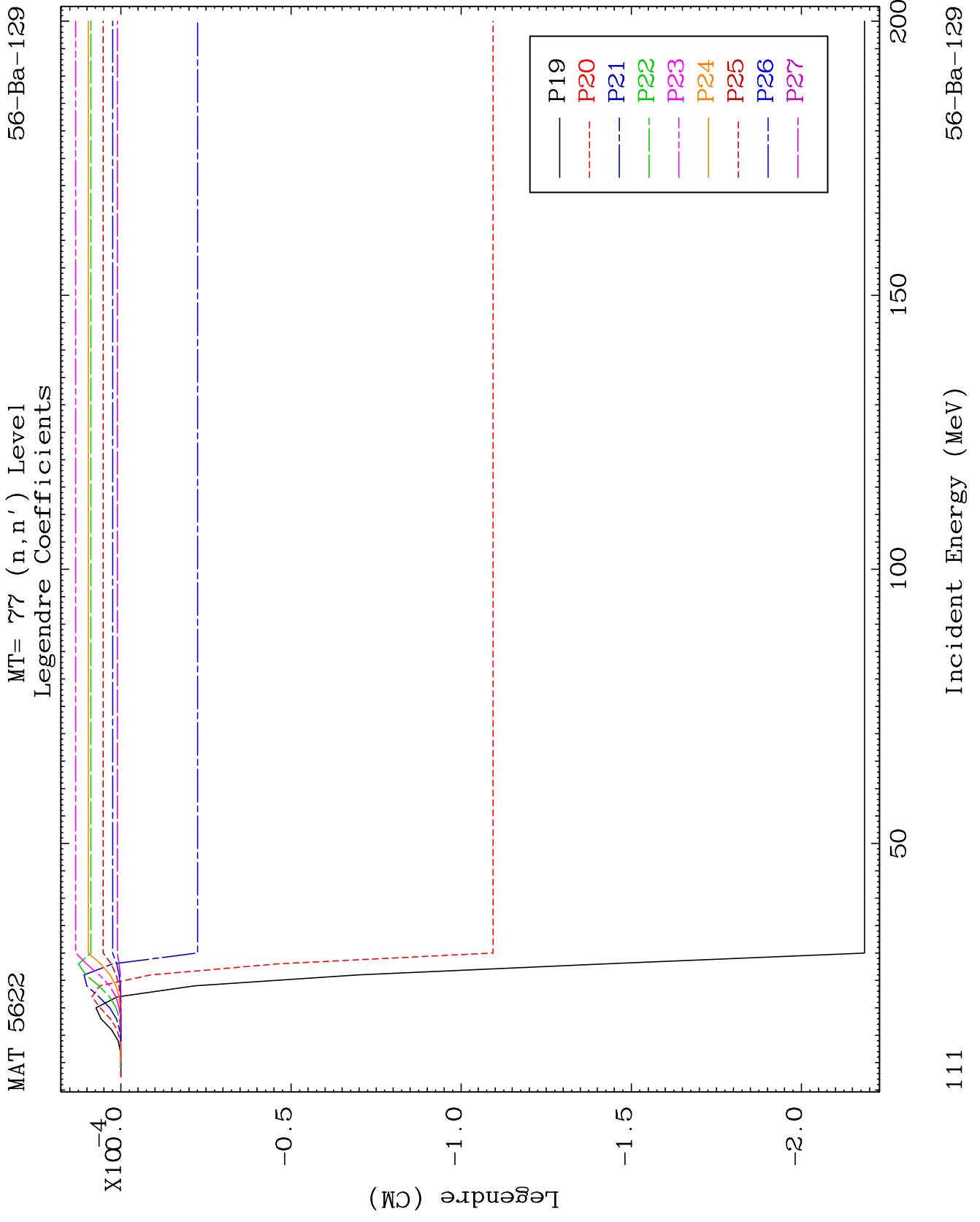
56-Ba-129



56-Ba-129

Incident Energy (MeV)

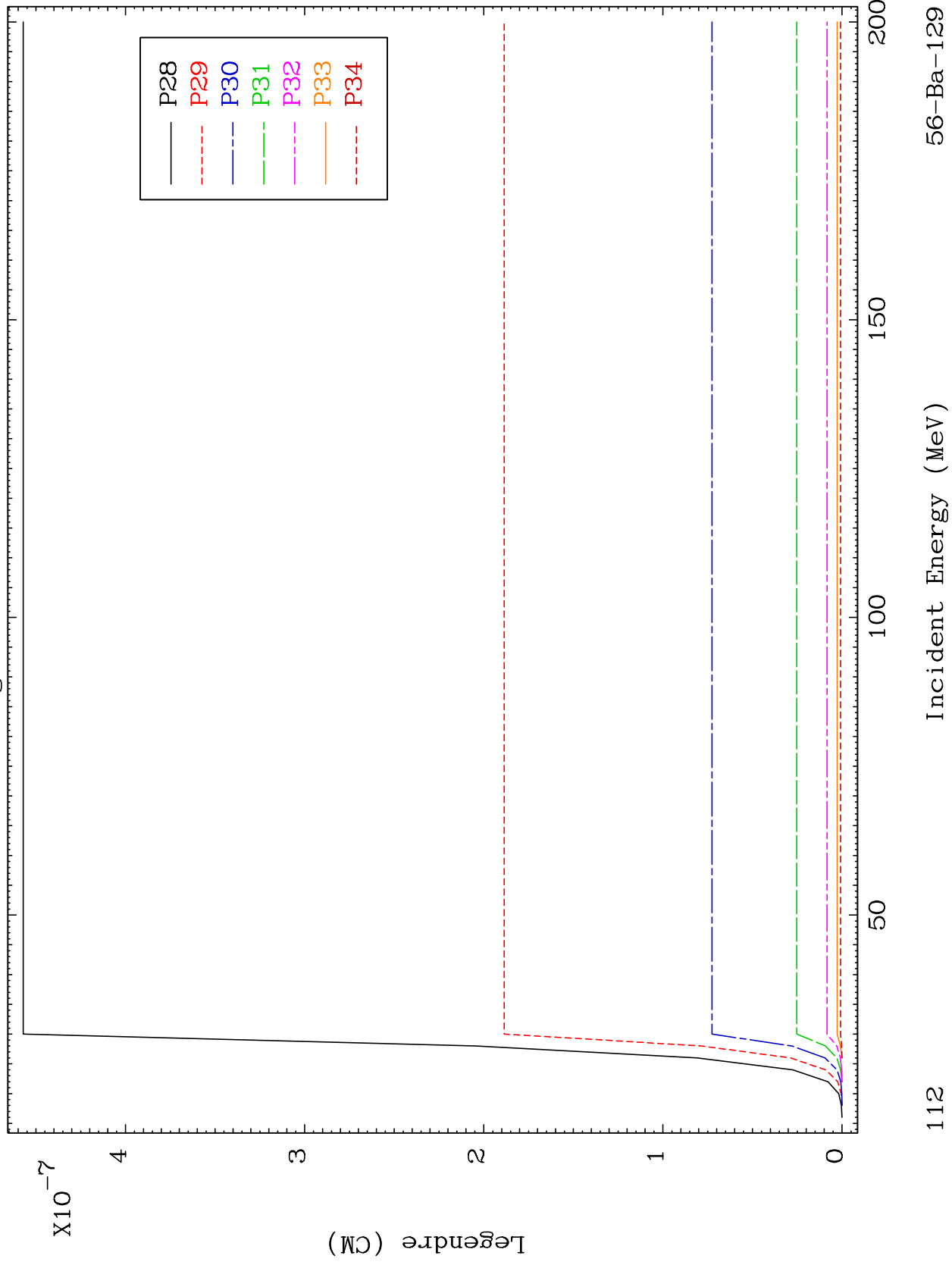
110

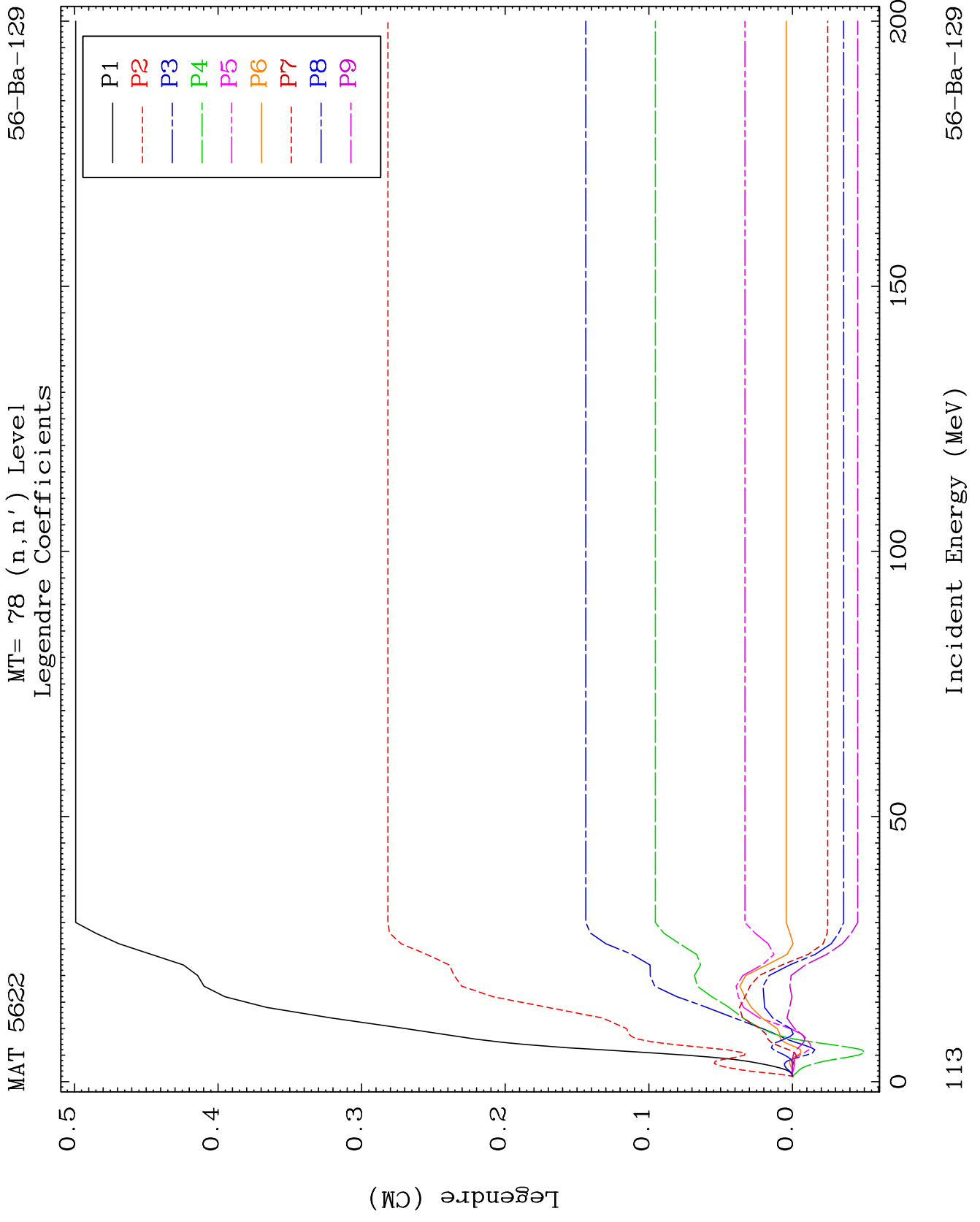


MAT 5622

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

56-Ba-129

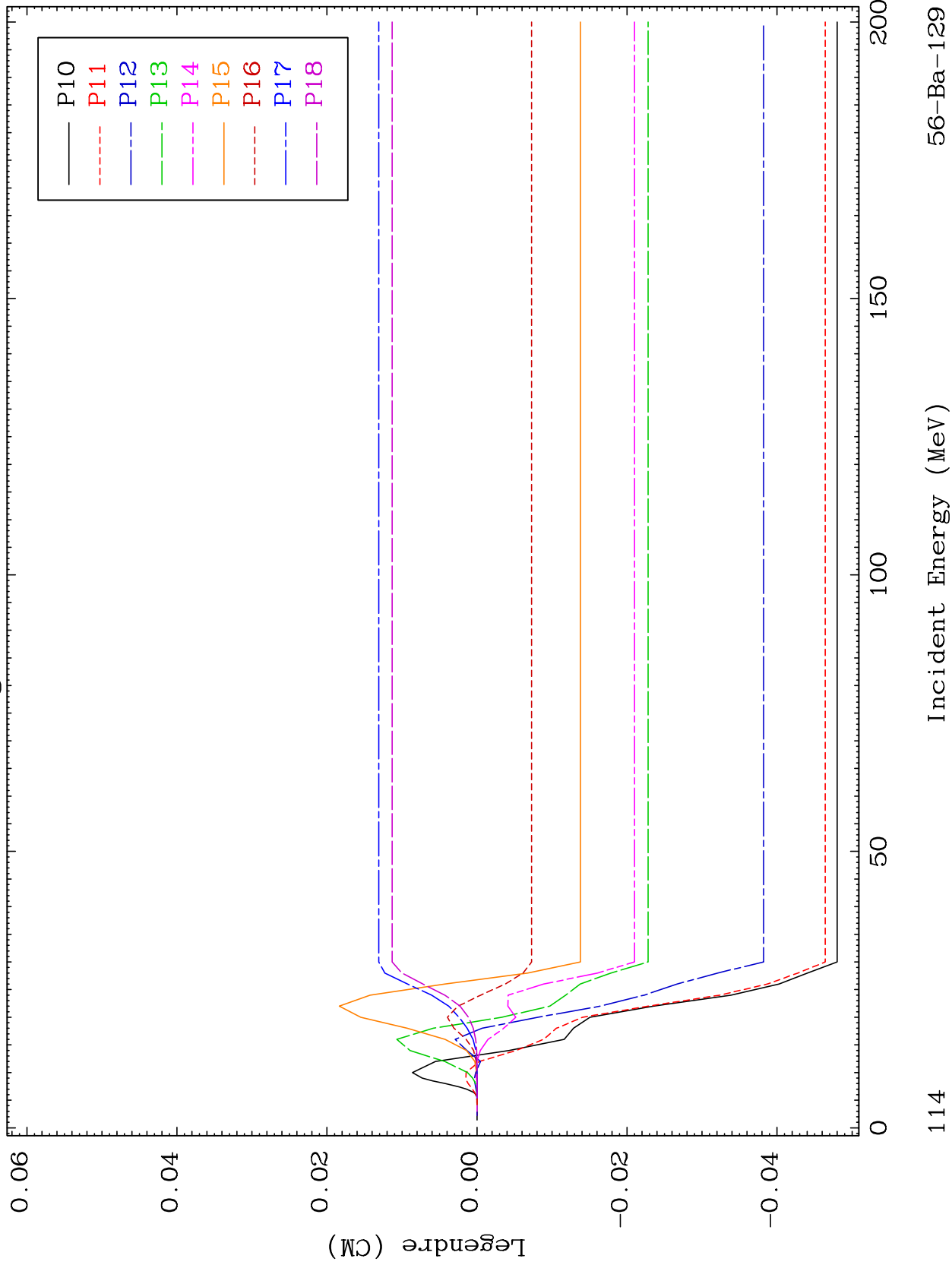




MAT 5622

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

56-Ba-129



114

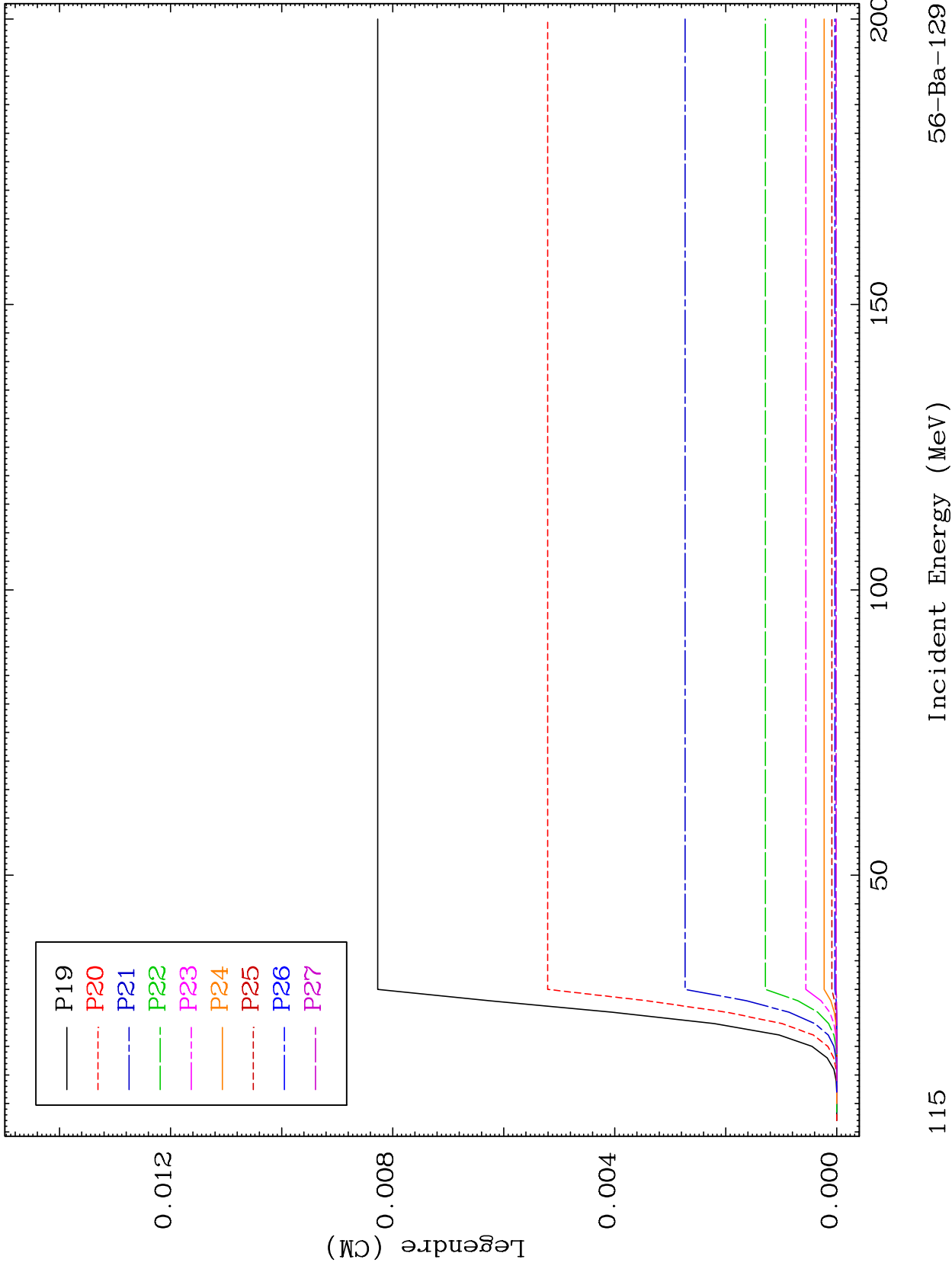
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

56-Ba-129



115

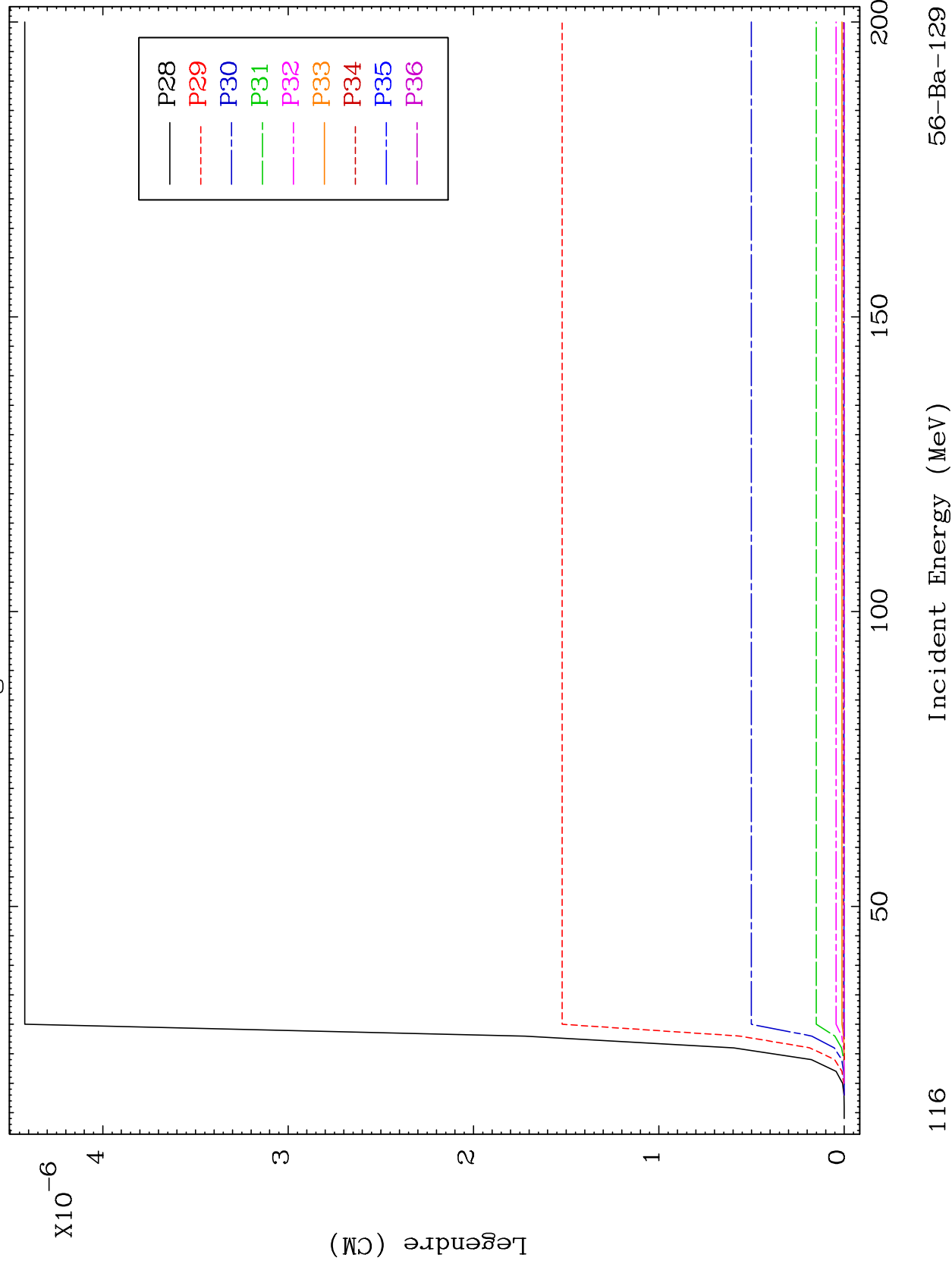
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

56-Ba-129

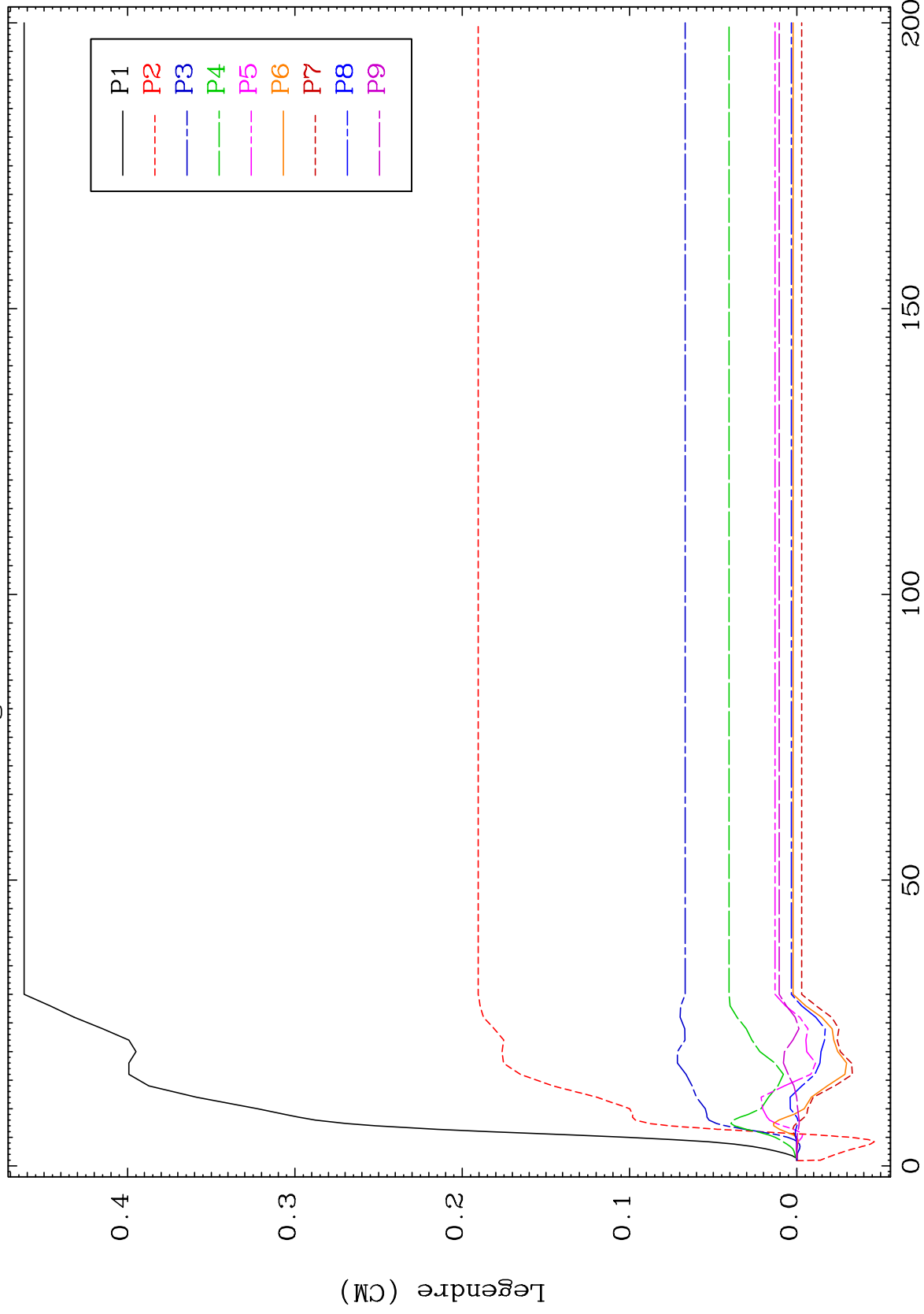


116

MAT 5622

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

56-Ba-129



117

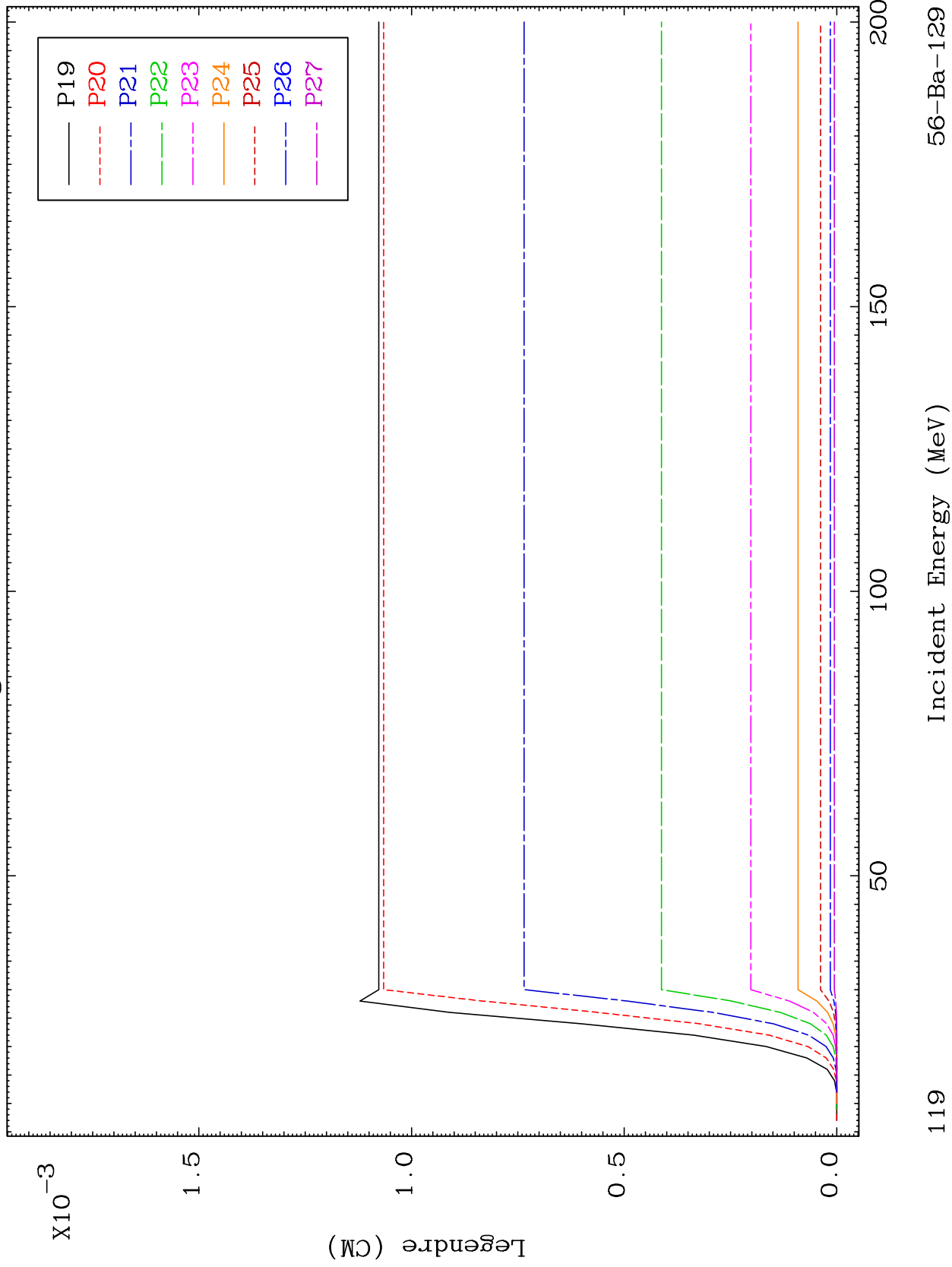
Incident Energy (MeV)

56-Ba-129

MAT 5622

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

56-Ba-129

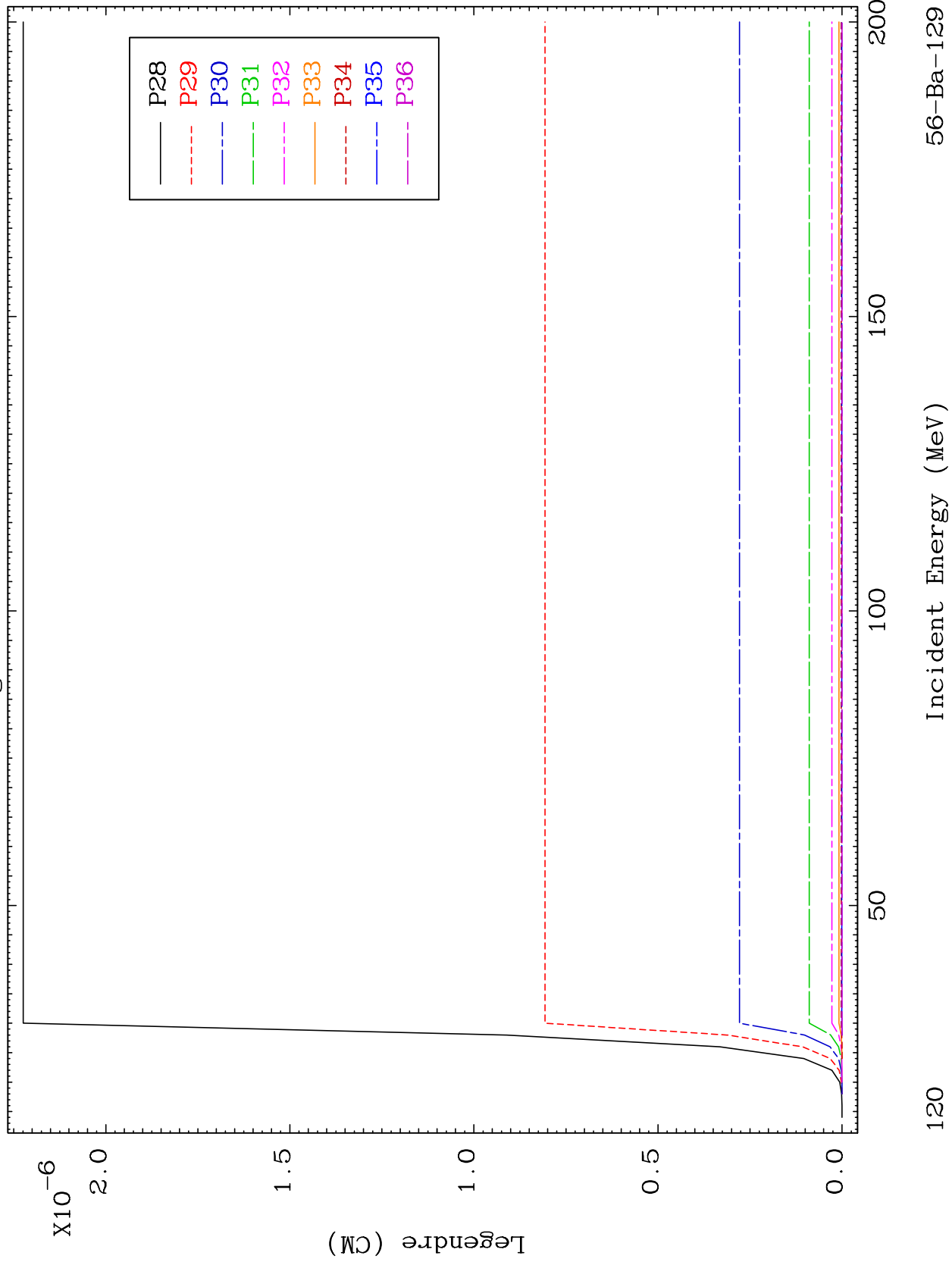


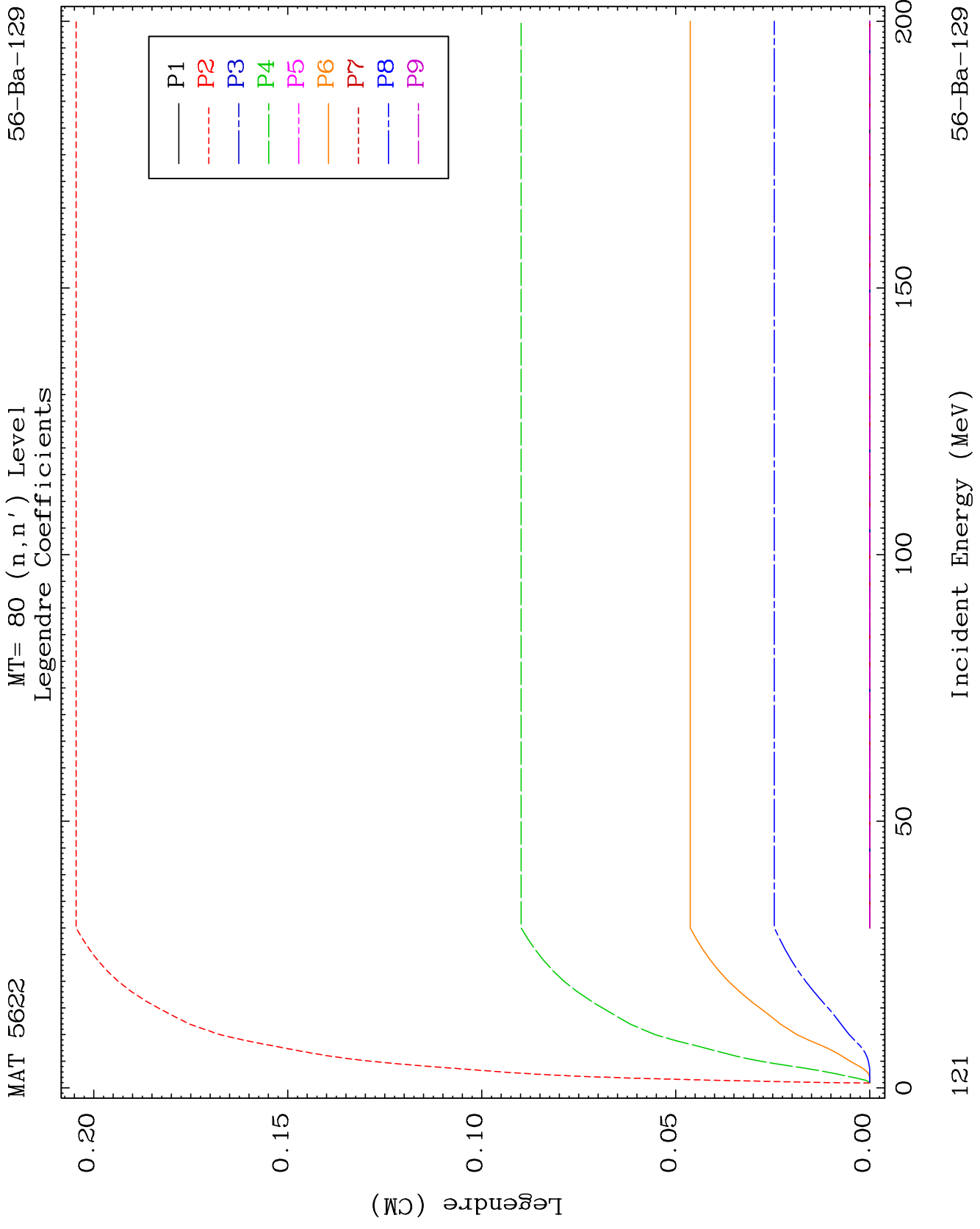
119

MAT 5622

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

56-Ba-129

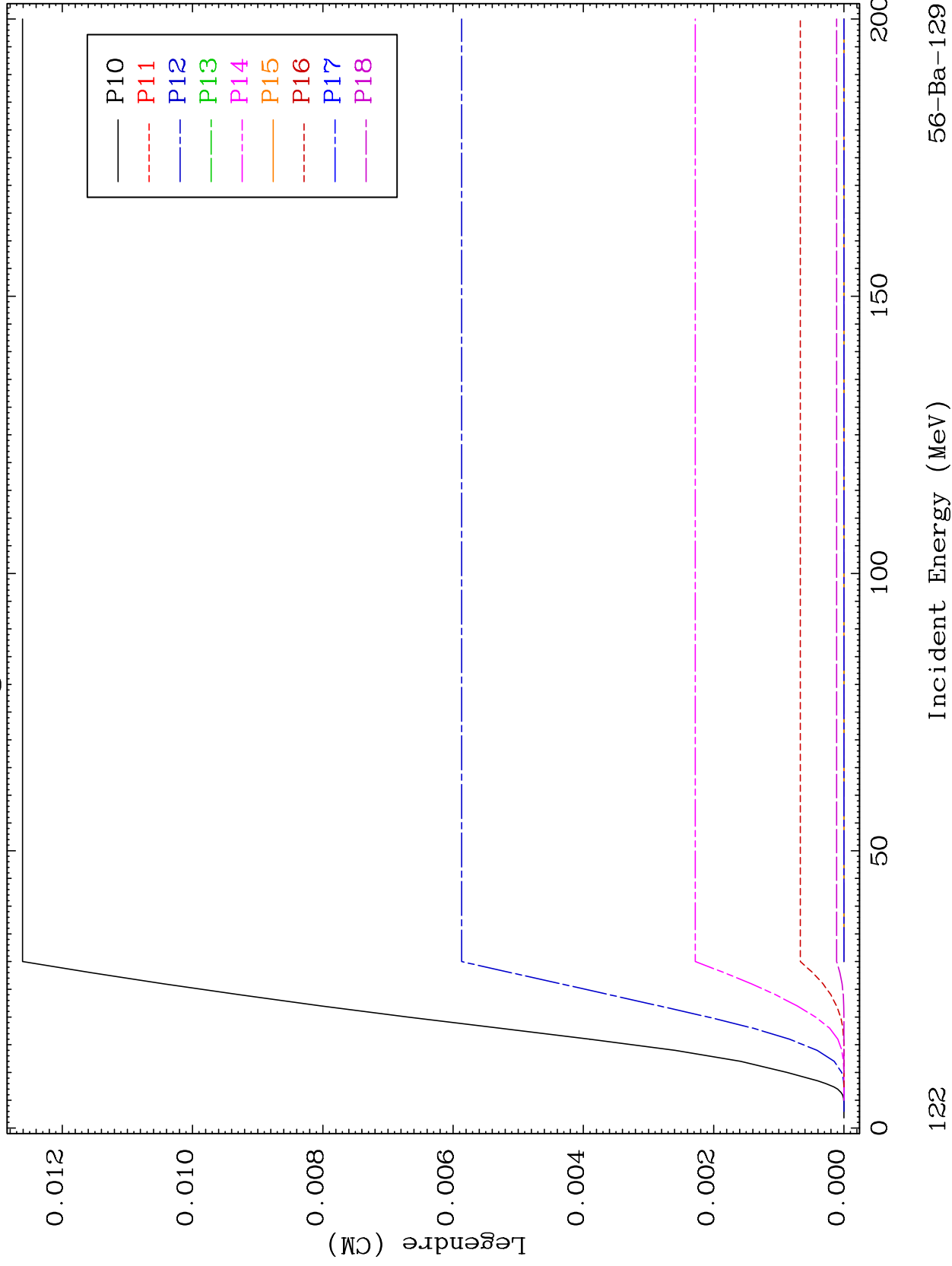




MAT 5622

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

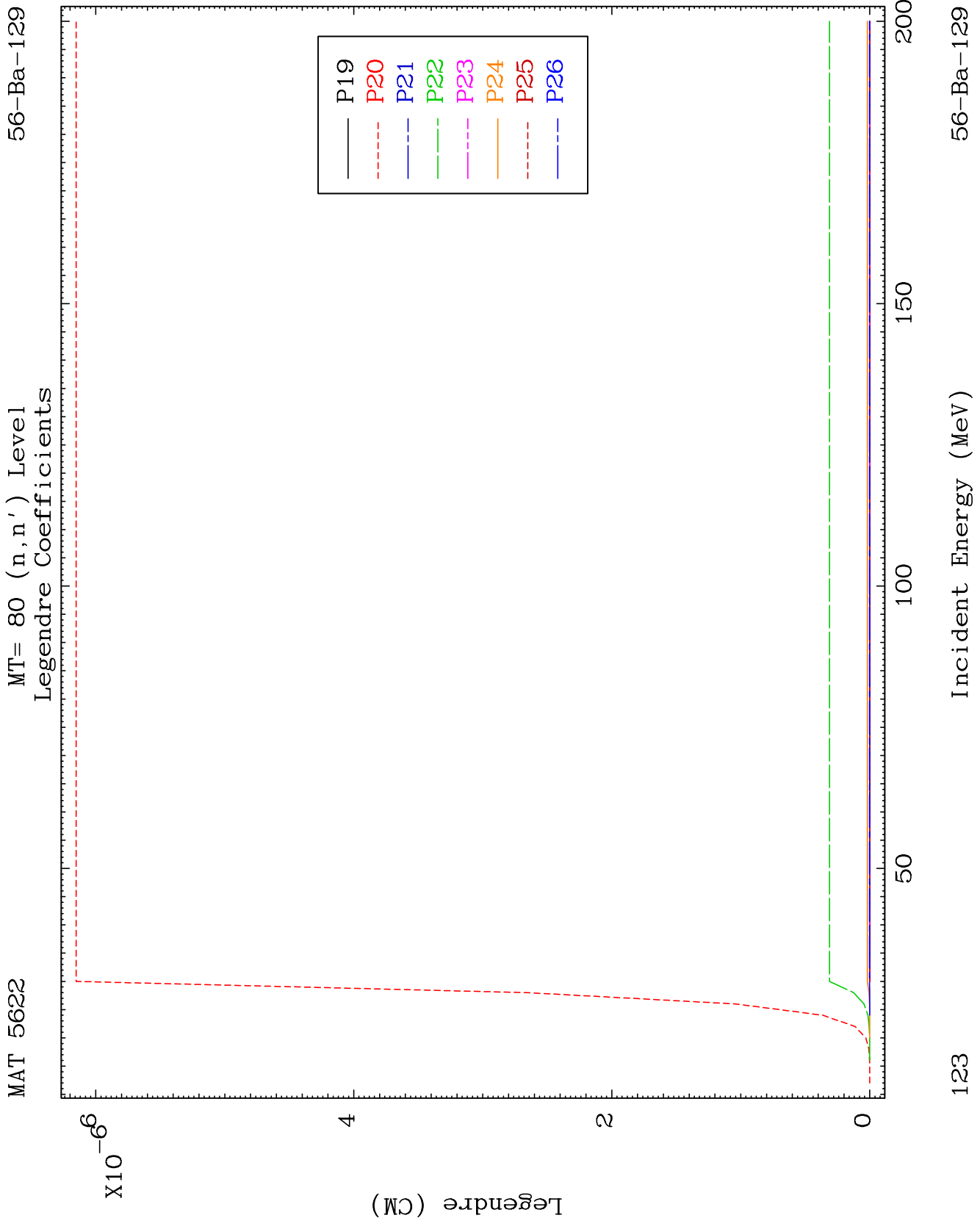
56-Ba-129



56-Ba-129

Incident Energy (MeV)

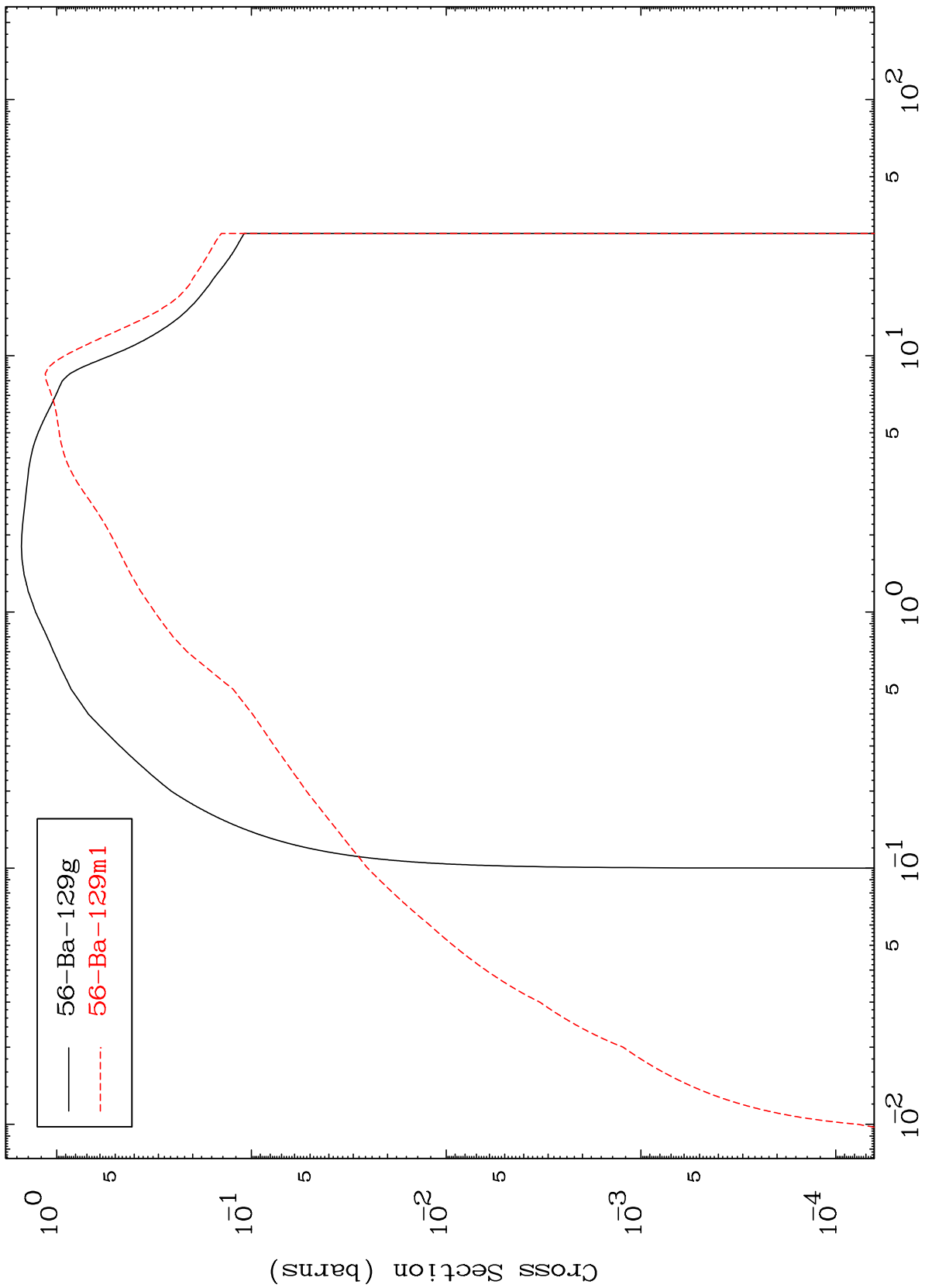
122



MAT 5622

56-Ba-129

Inelastic
Radionuclide Production Cross Section



— 56-Ba-129g
- - - 56-Ba-129m1

56-Ba-129

Incident Energy (MeV)

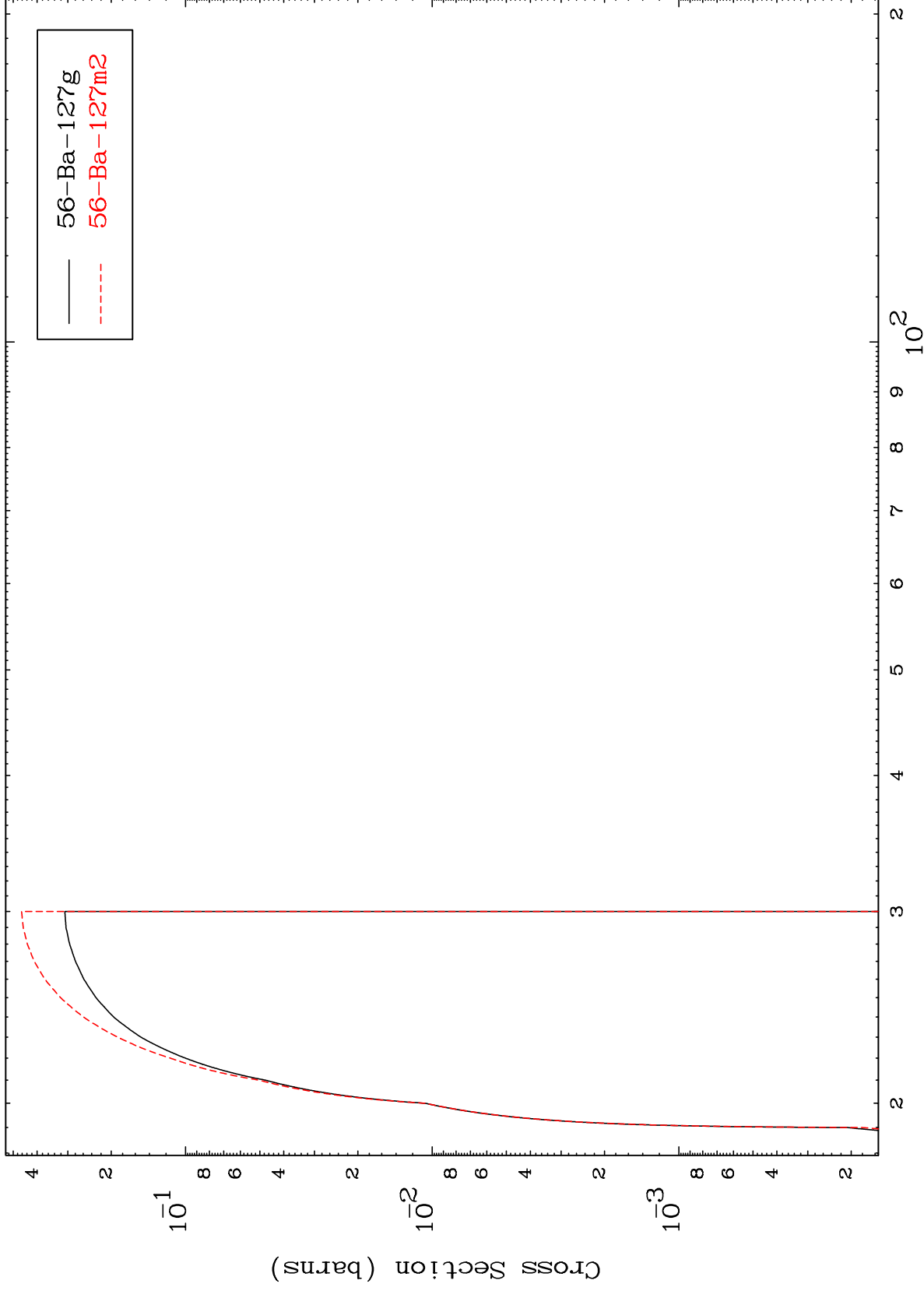
124

MAT 5622

(n,3n)

56-Ba-129

Radionuclide Production Cross Section



125

Incident Energy (MeV)

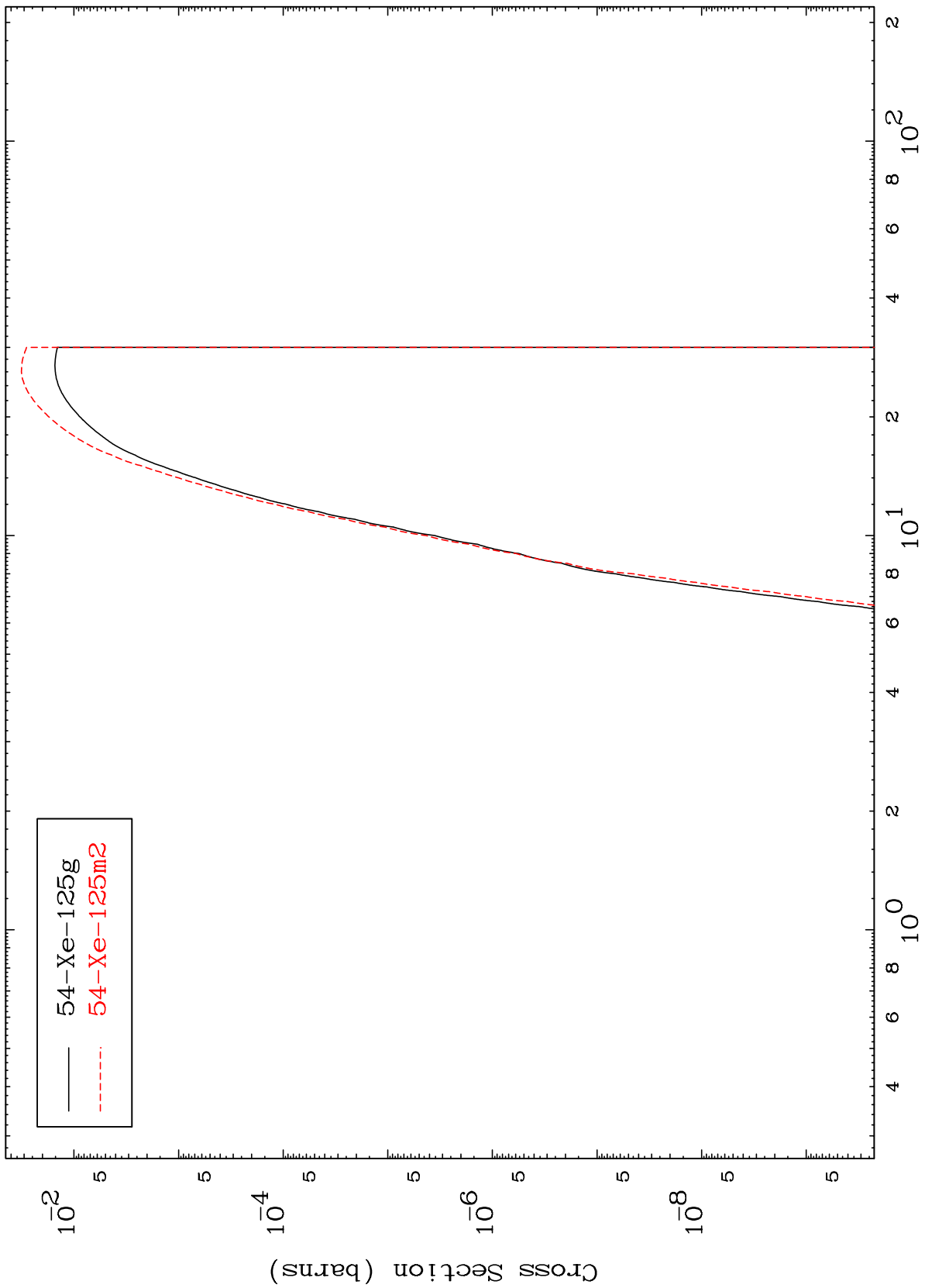
56-Ba-129

MAT 5622

(n,n') α

56-Ba-129

Radionuclide Production Cross Section



126

Incident Energy (MeV)

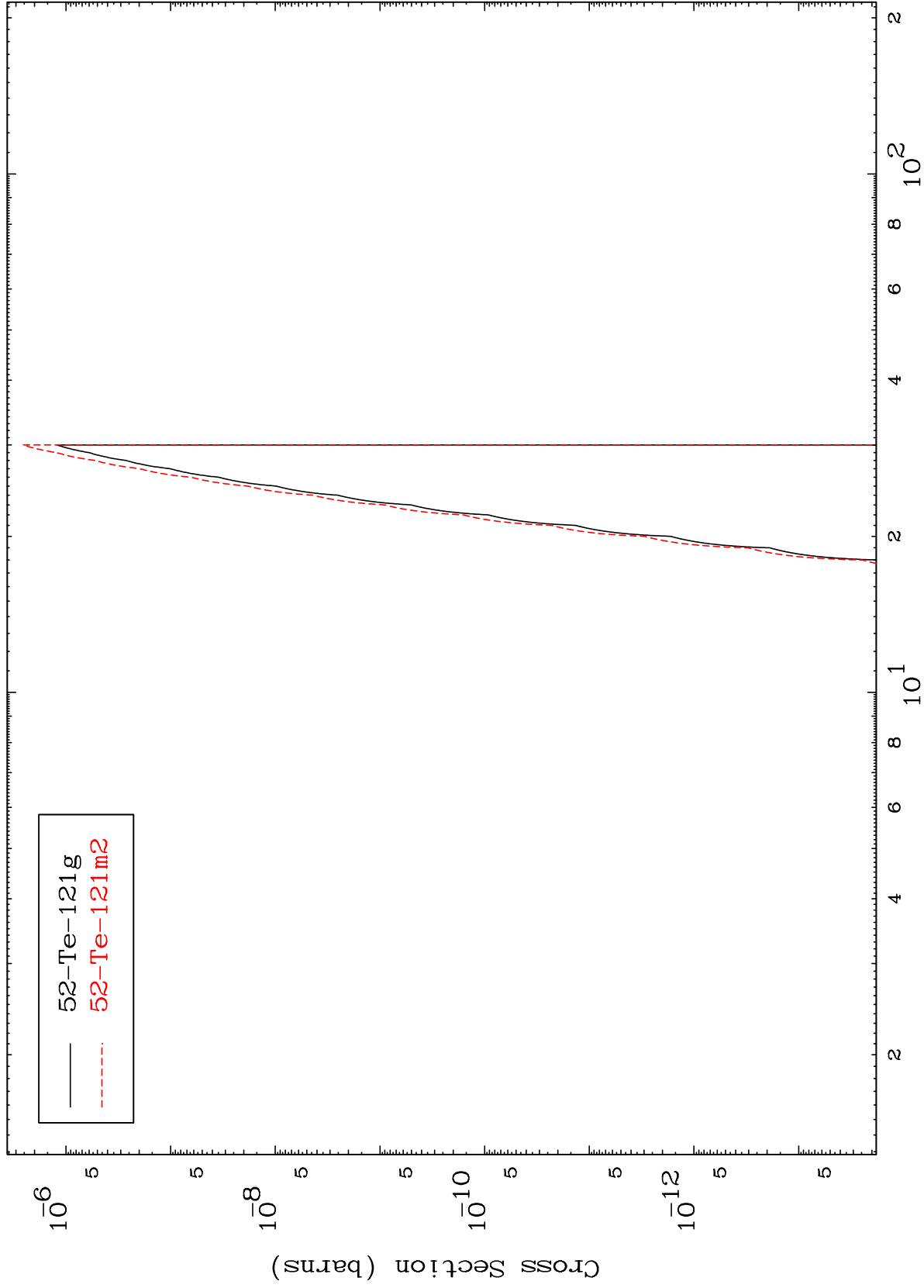
56-Ba-129

MAT 5622

(n,n') 2 α

56-Ba-129

Radionuclide Production Cross Section

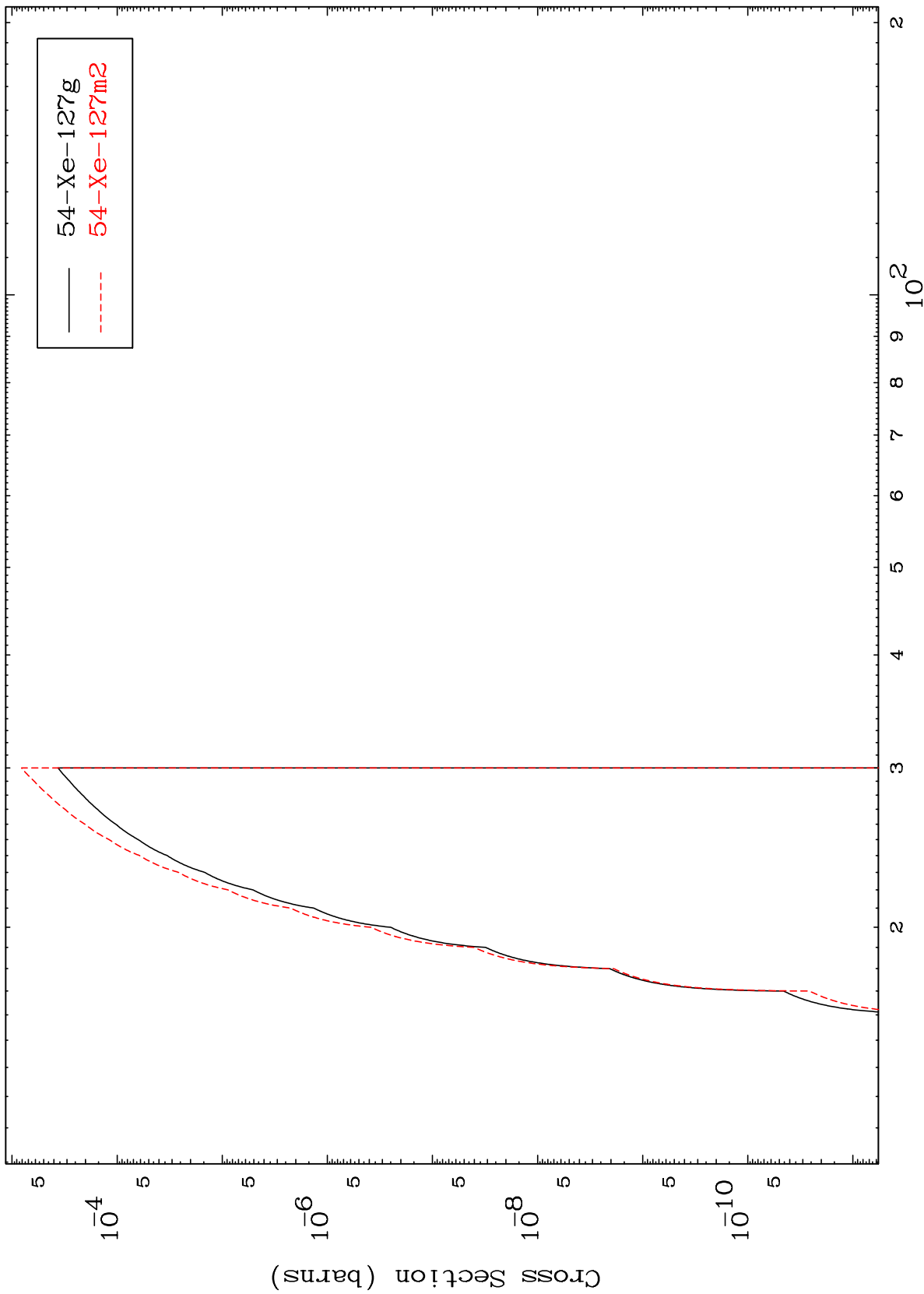


127

Incident Energy (MeV)

56-Ba-129

(n,2n) p
Radionuclide Production Cross Section

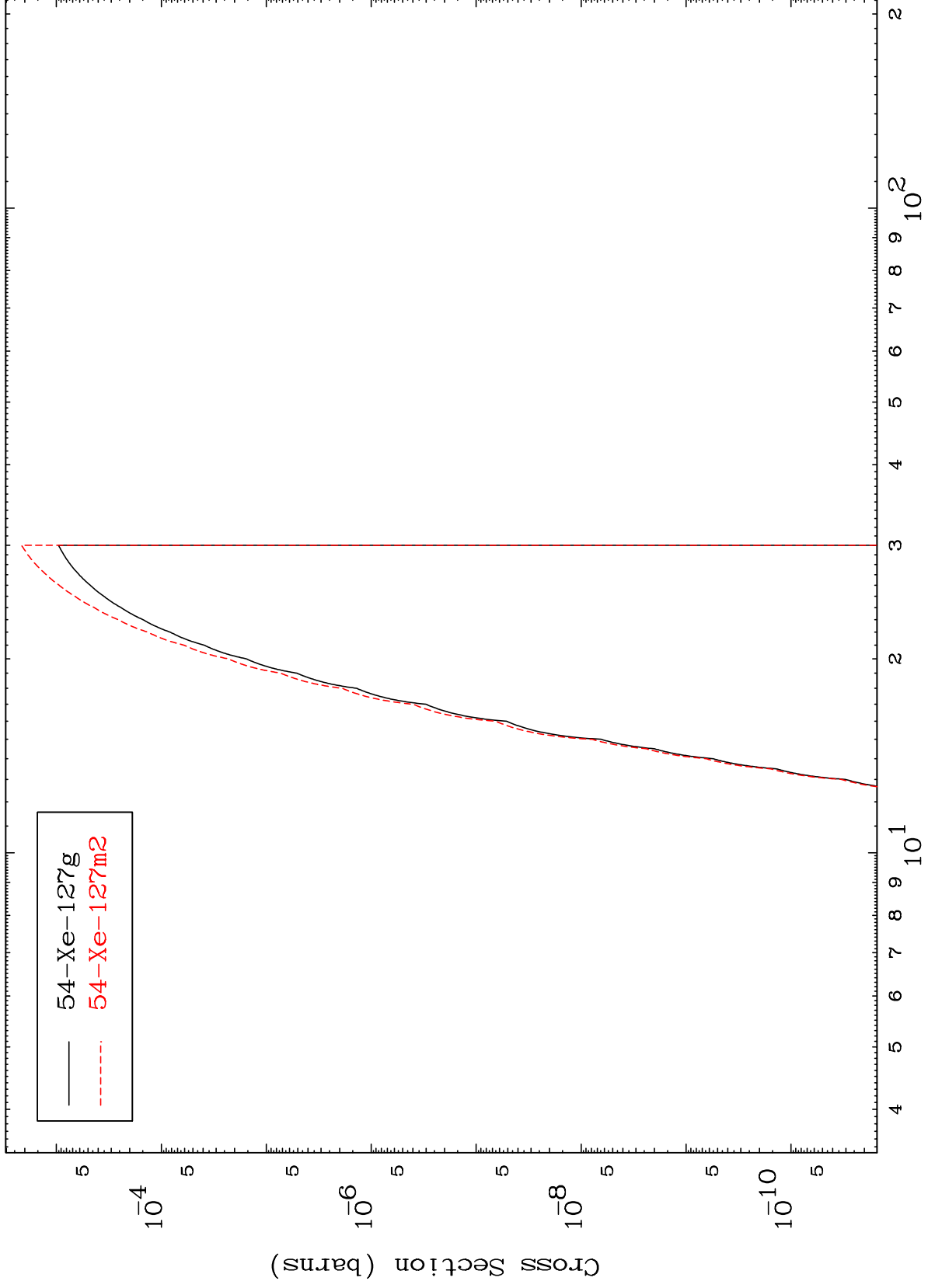


MAT 5622

(n,He-3)

56-Ba-129

Radionuclide Production Cross Section



129

Incident Energy (MeV)

56-Ba-129

MAT 5622

(n,p) d

56-Ba-129

