

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

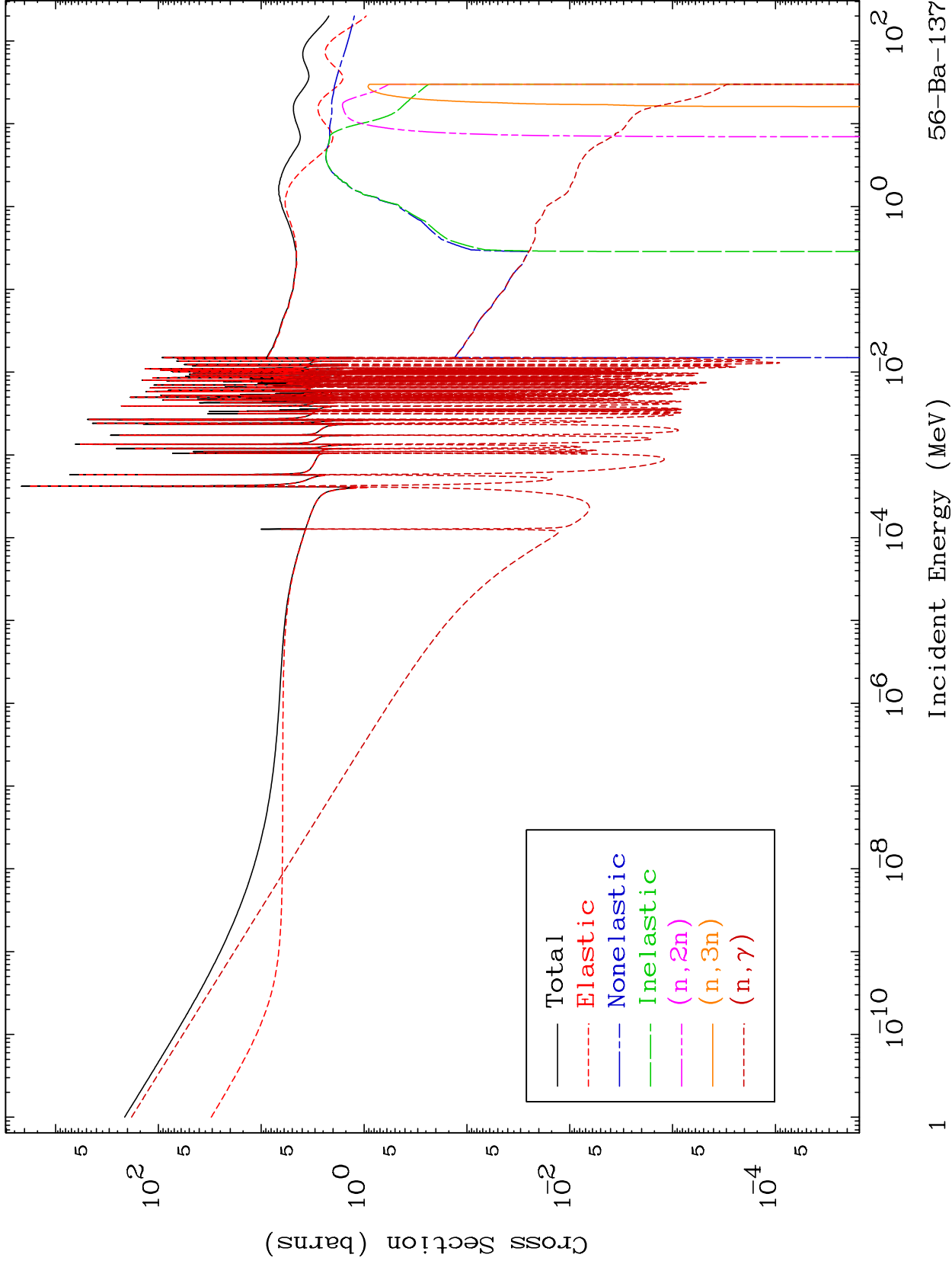
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Press Mouse Button to Start

MAT 5646

Neutron Major
293 Kelvin Cross Sections

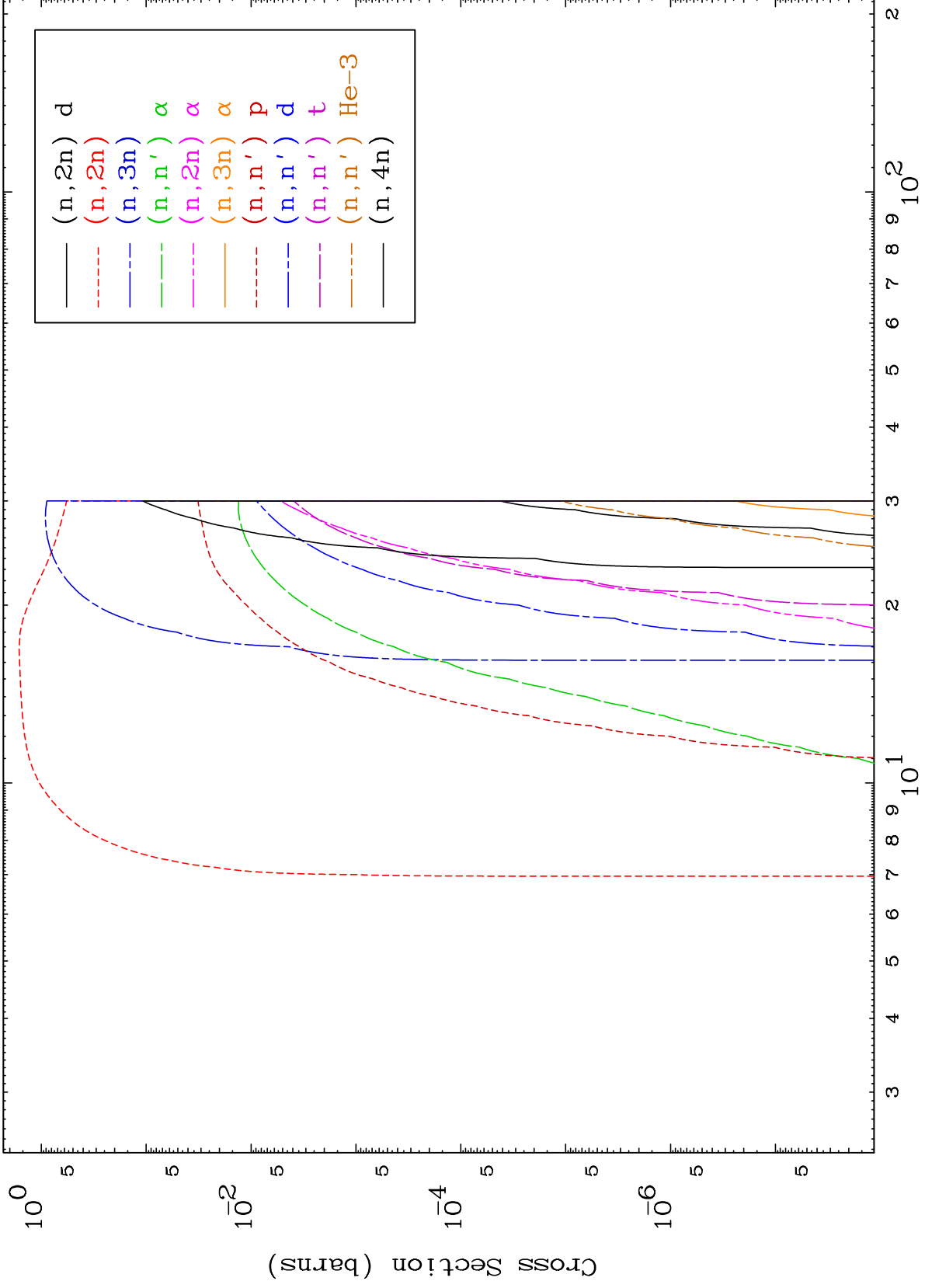
56-Ba-137



MAT 5646

Neutron Absorption
293 Kelvin Cross Sections

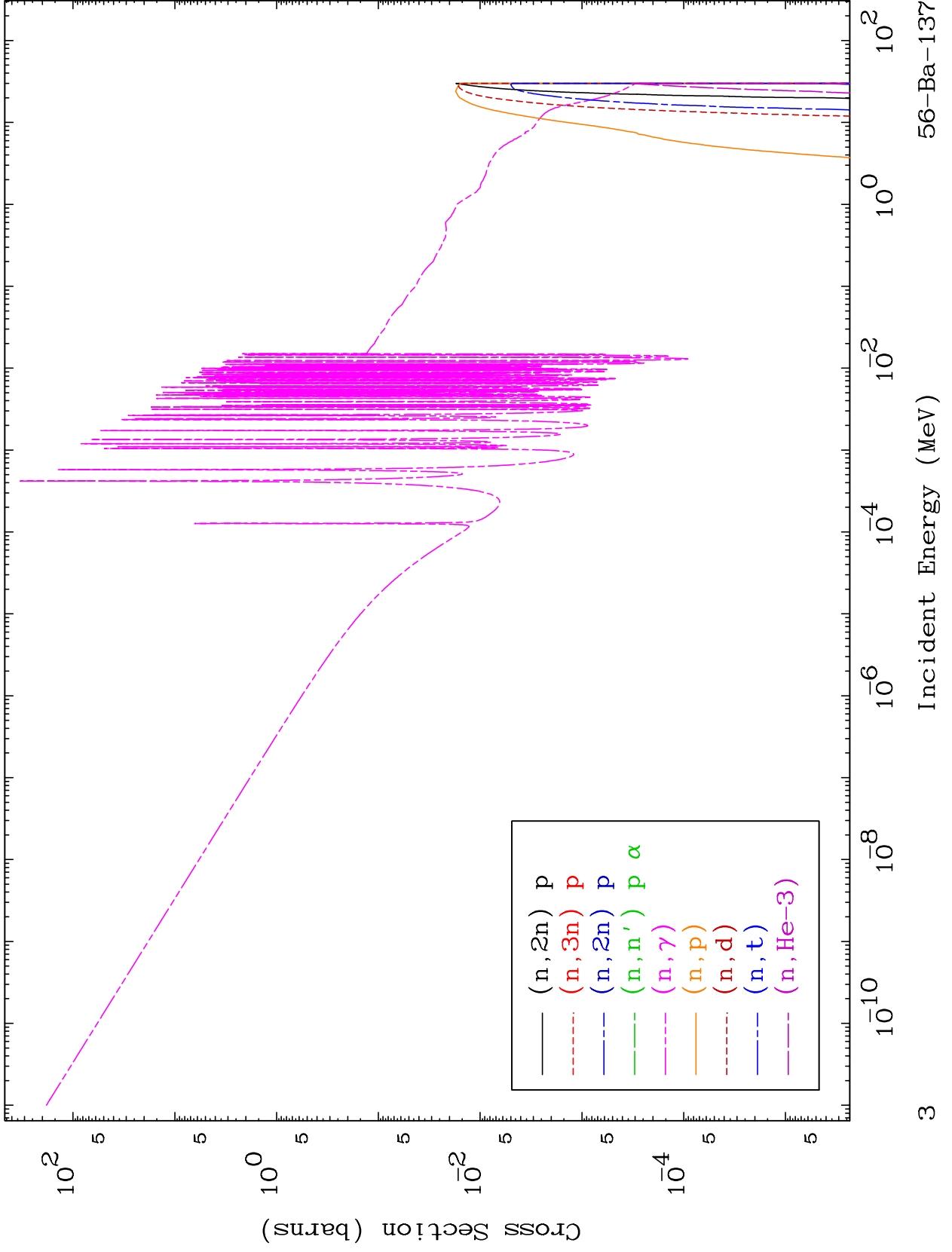
56-Ba-137



MAT 5646

Neutron Absorption
293 Kelvin Cross Sections

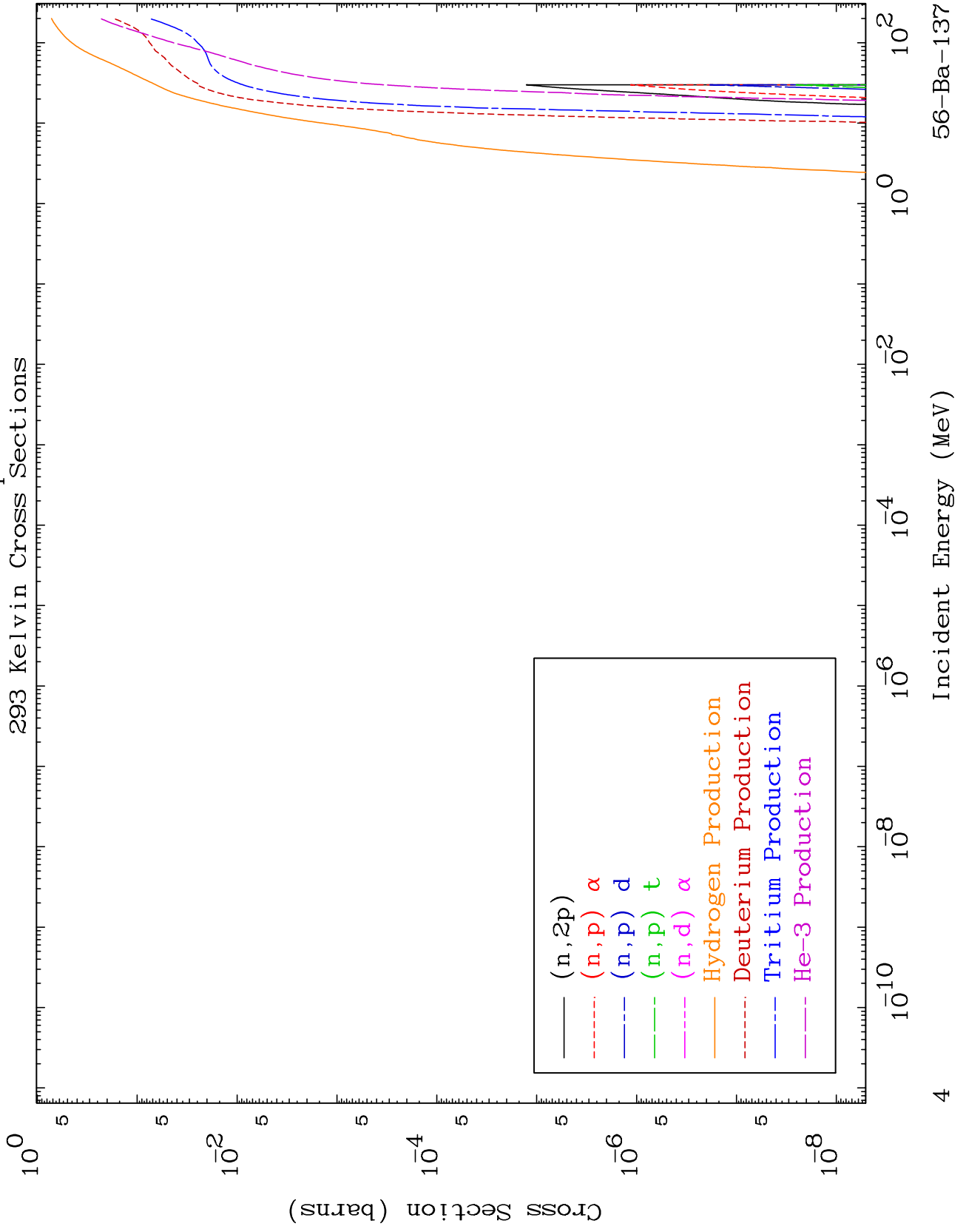
56-Ba-137



MAT 5646

Neutron Absorption
293 Kelvin Cross Sections

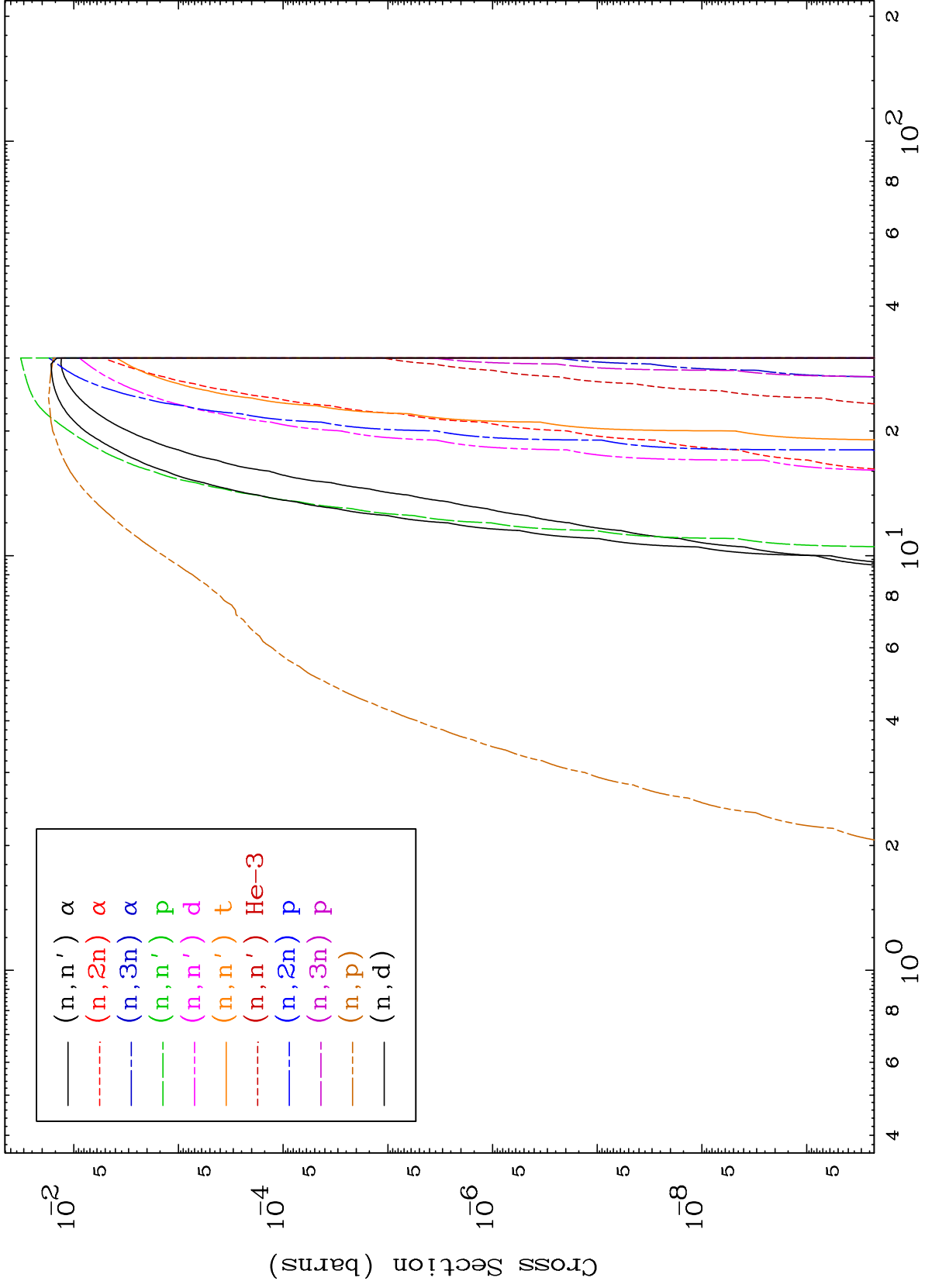
56-Ba-137



MAT 5646

Charged Particle
293 Kelvin Cross Sections

56-Ba-137



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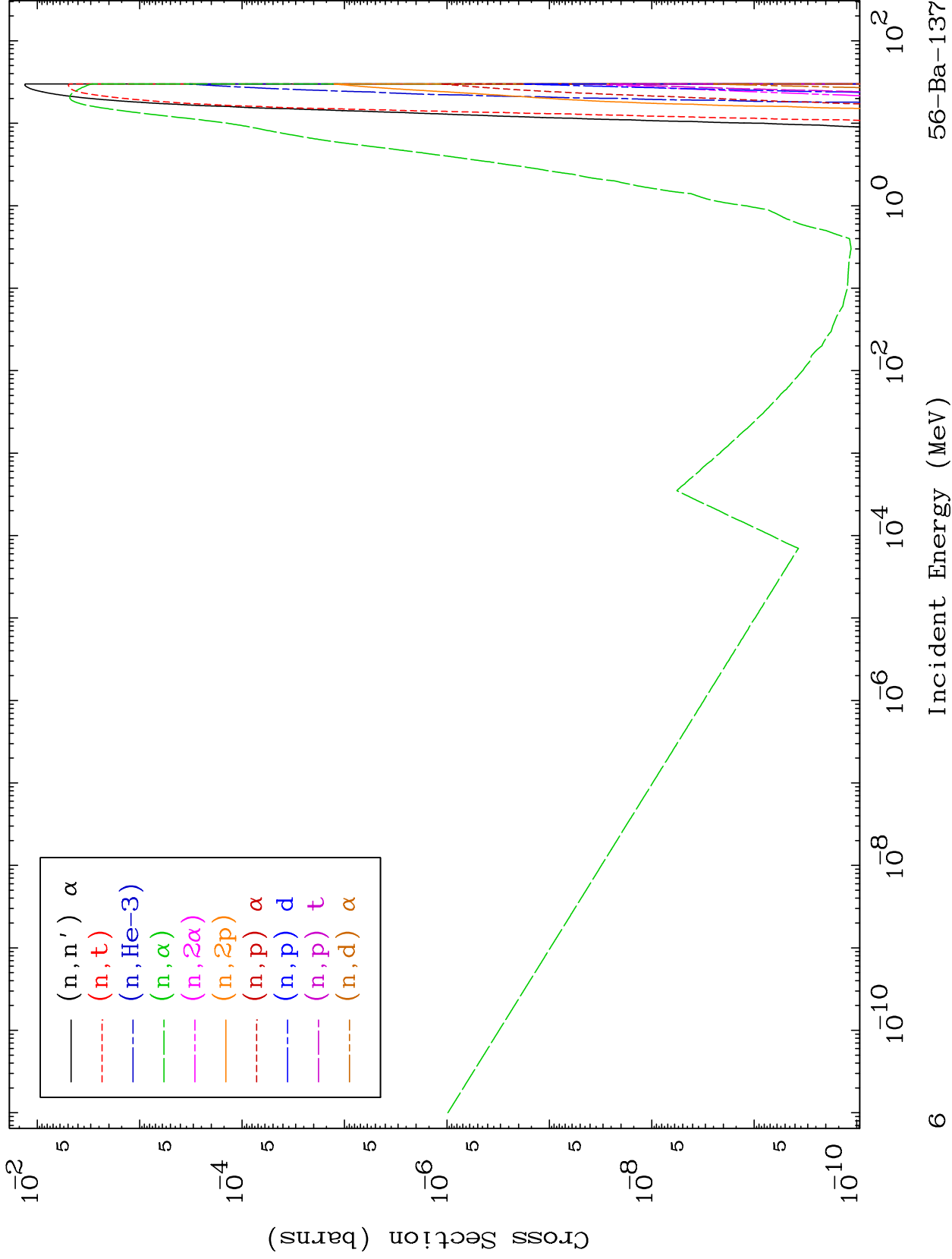
Incident Energy (MeV)

56-Ba-137

MAT 5646

Charged Particle
293 Kelvin Cross Sections

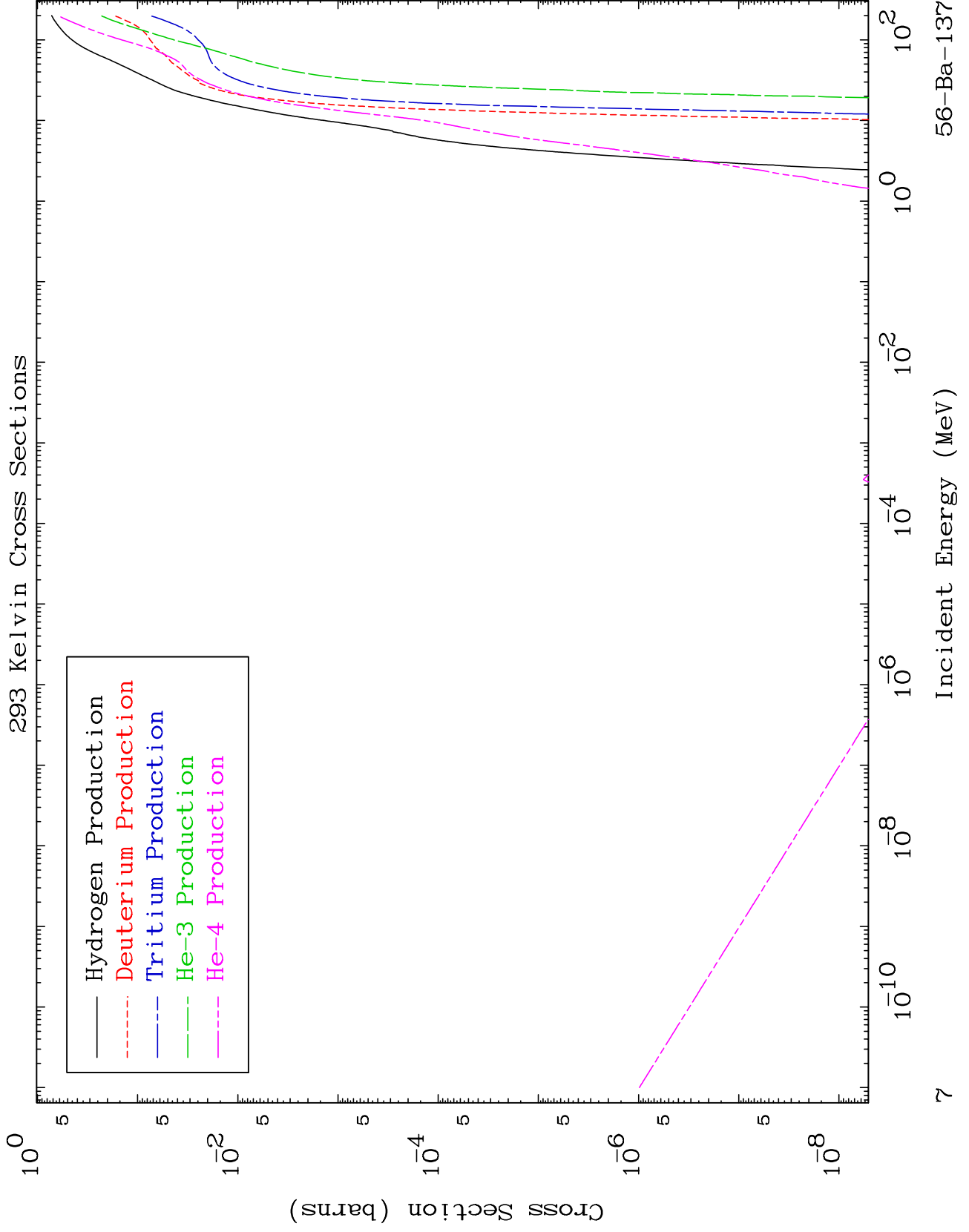
56-Ba-137



MAT 5646

Particle Production
293 Kelvin Cross Sections

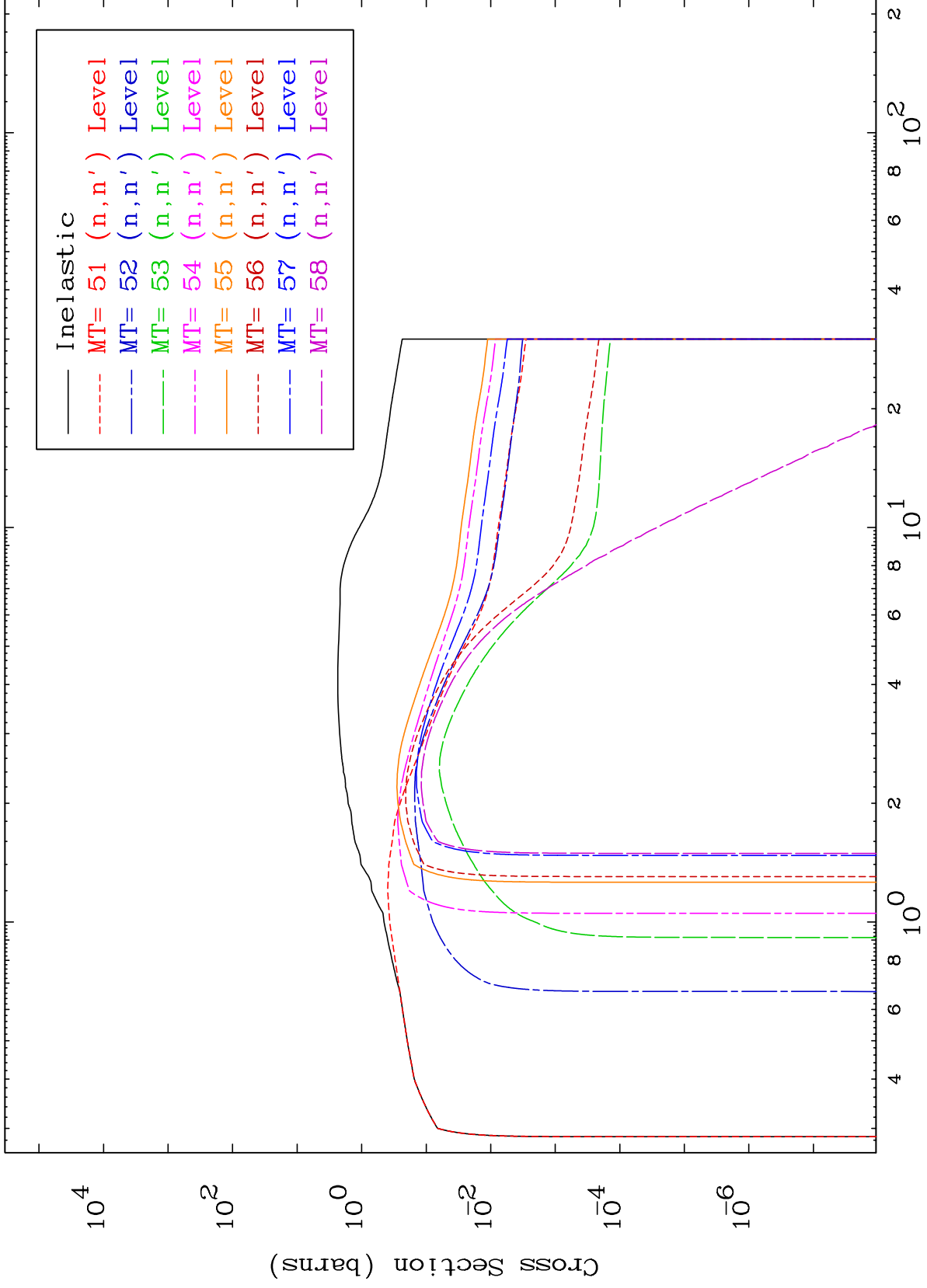
56-Ba-137



MAT 5646

(n,n') Levels
293 Kelvin Cross Sections

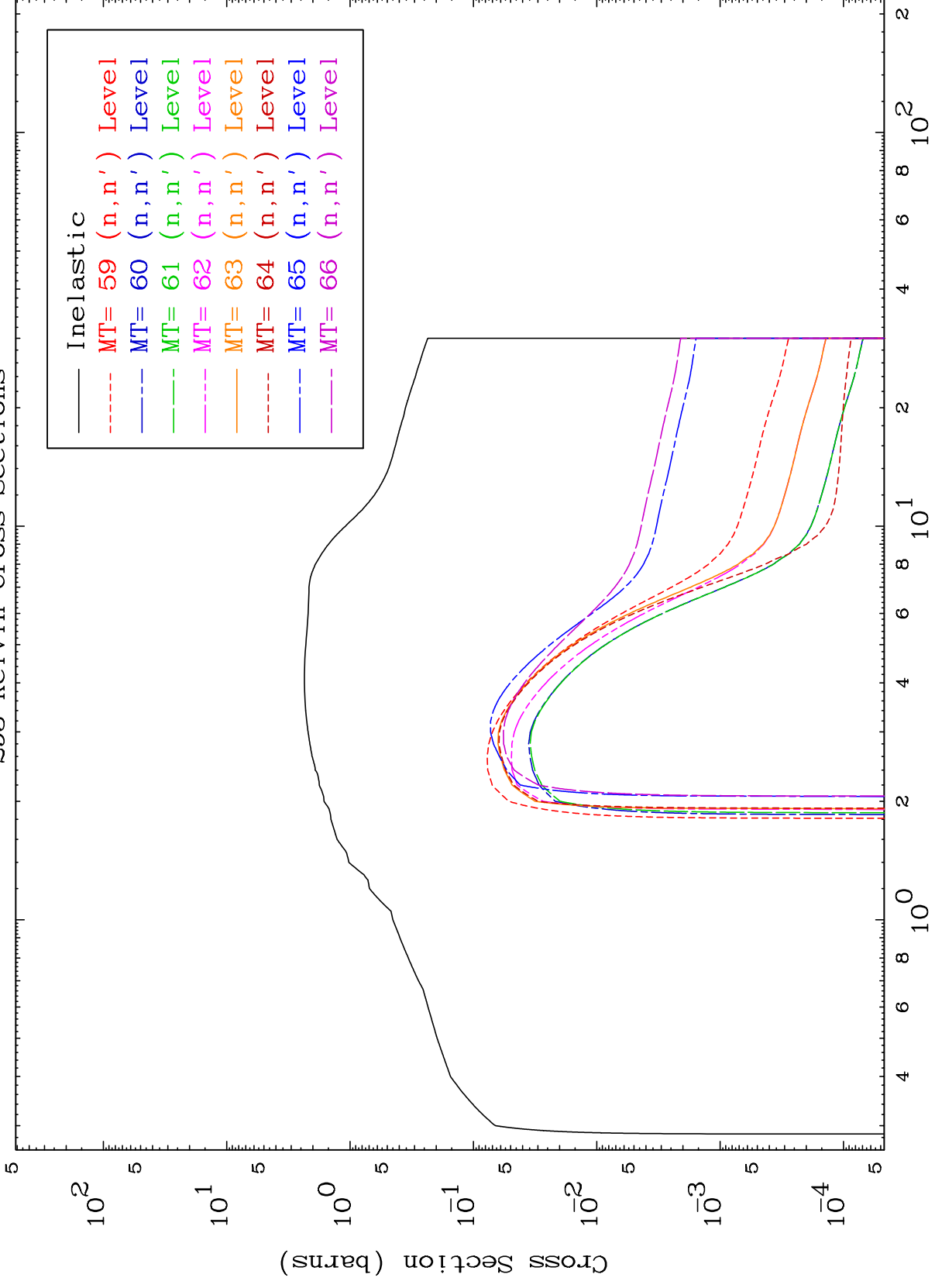
56-Ba-137



8

Incident Energy (MeV)

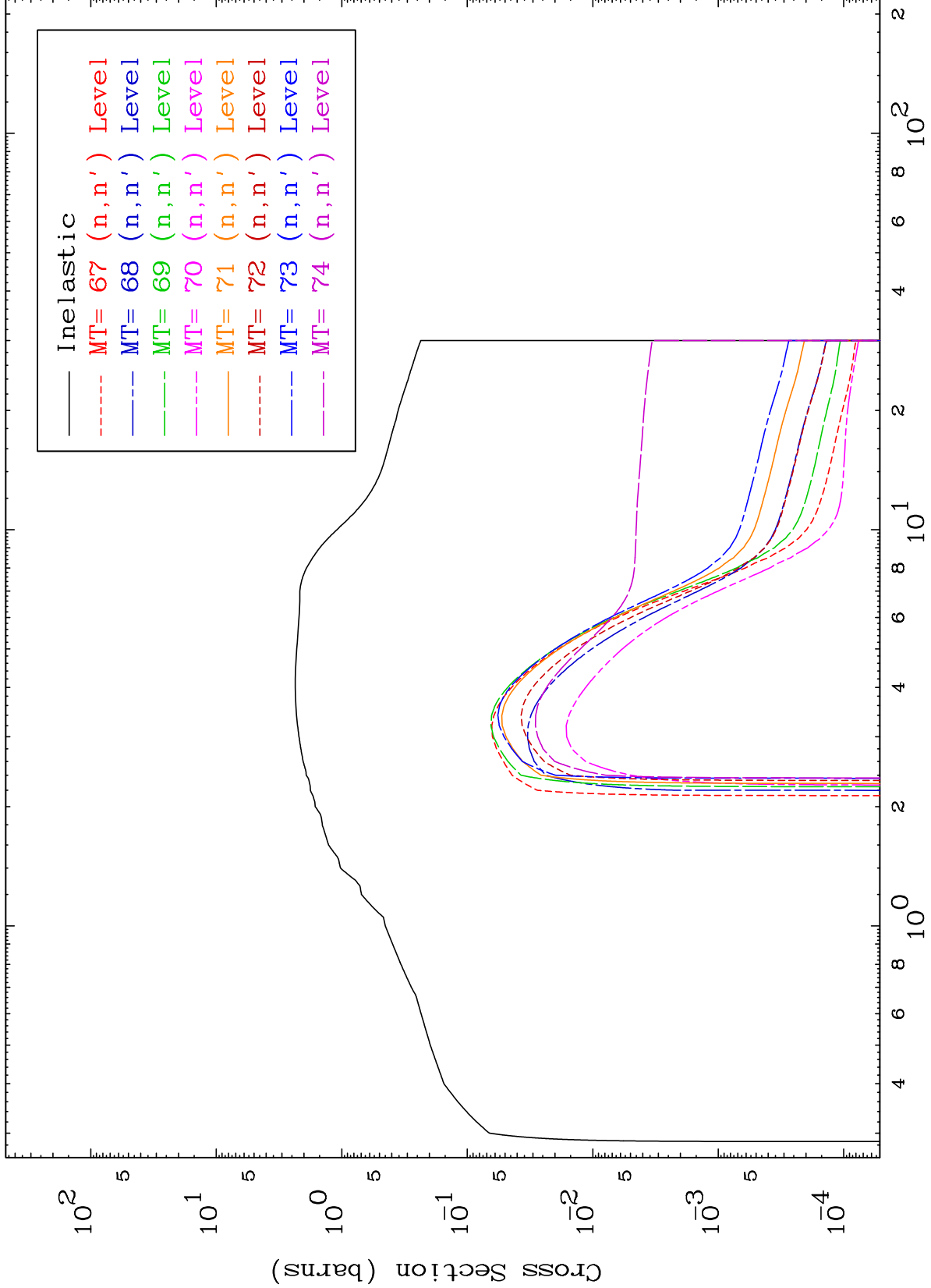
56-Ba-137



MAT 5646

(n,n') Levels
293 Kelvin Cross Sections

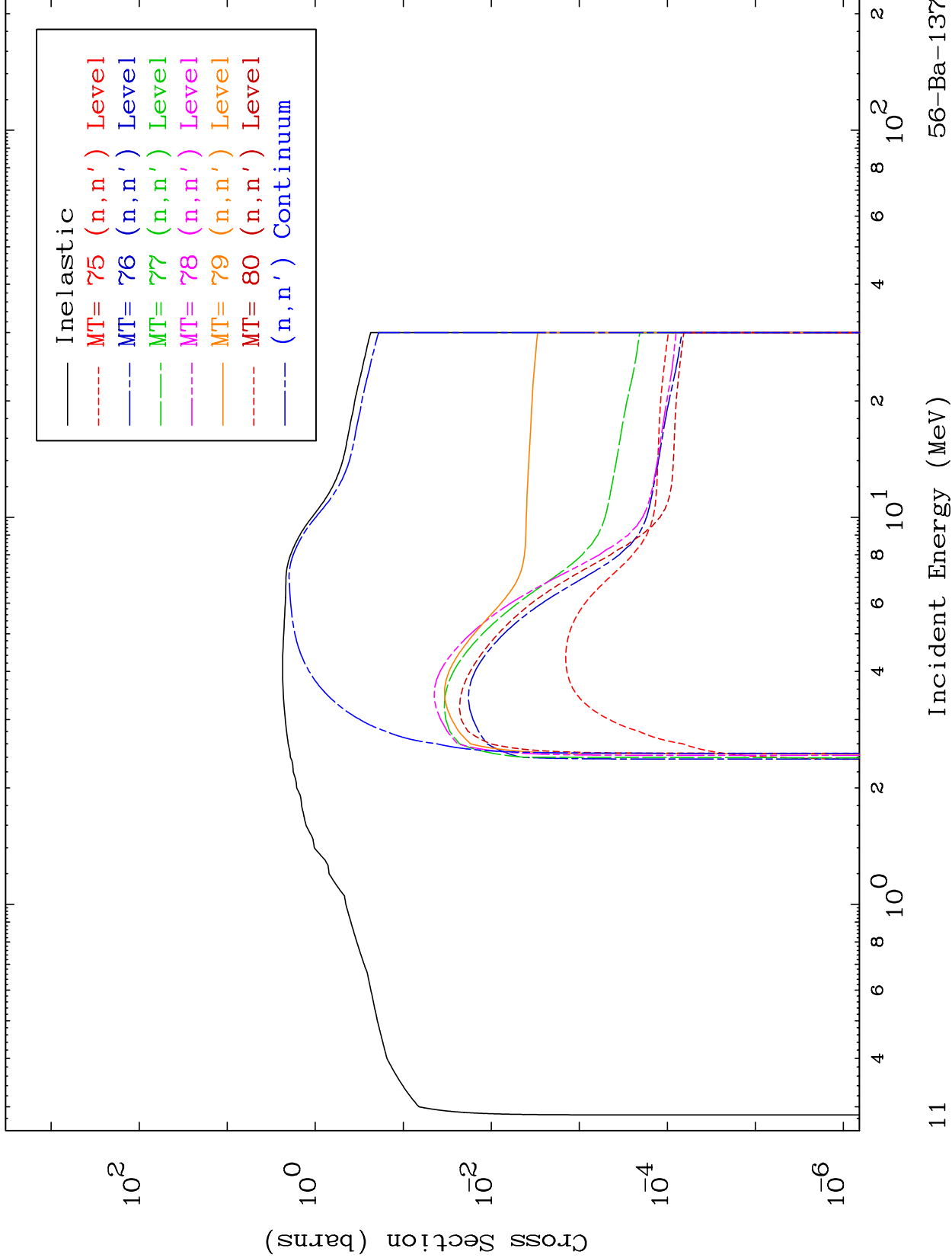
56-Ba-137



10

Incident Energy (MeV)

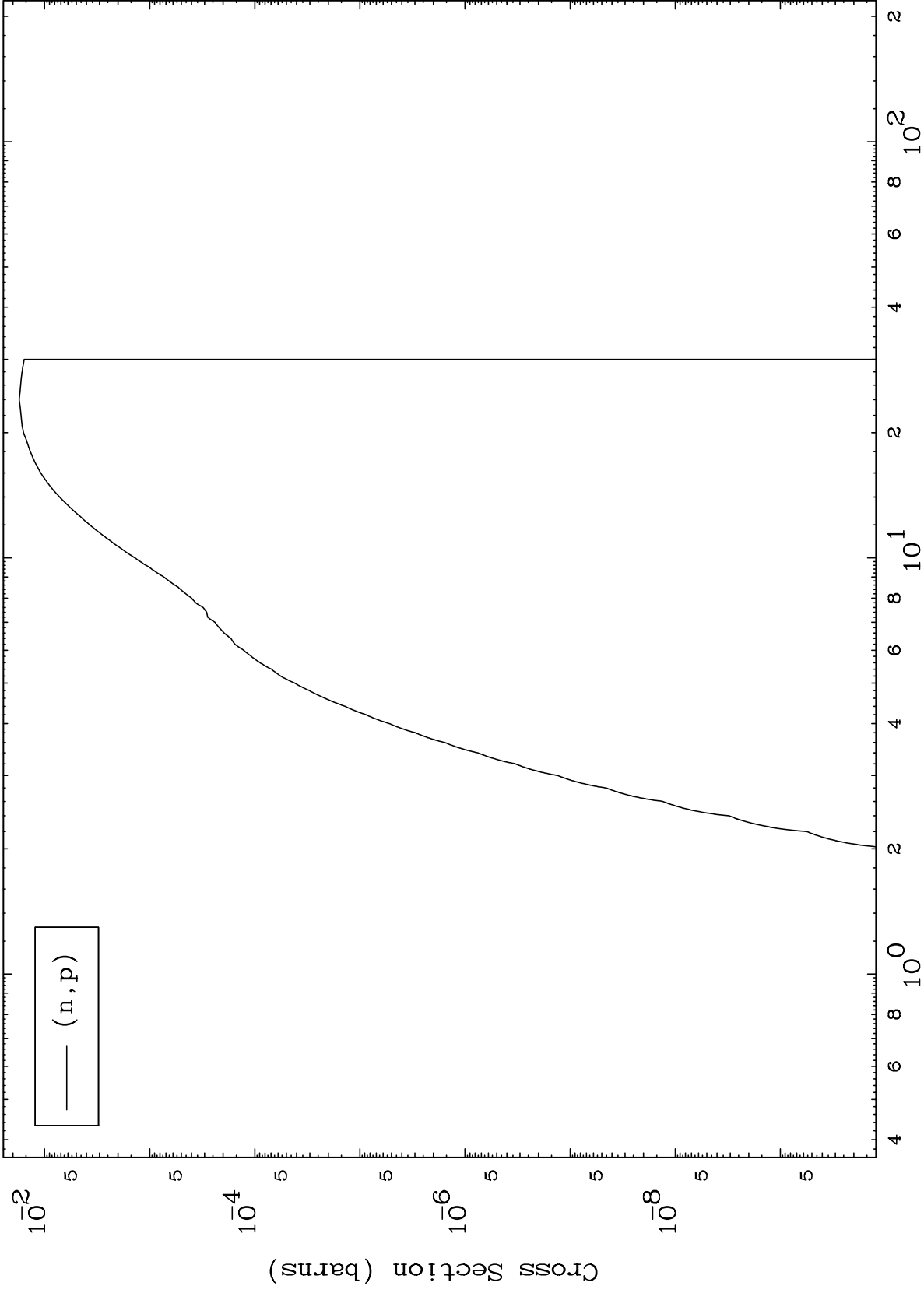
56-Ba-137



MAT 5646

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-137



12

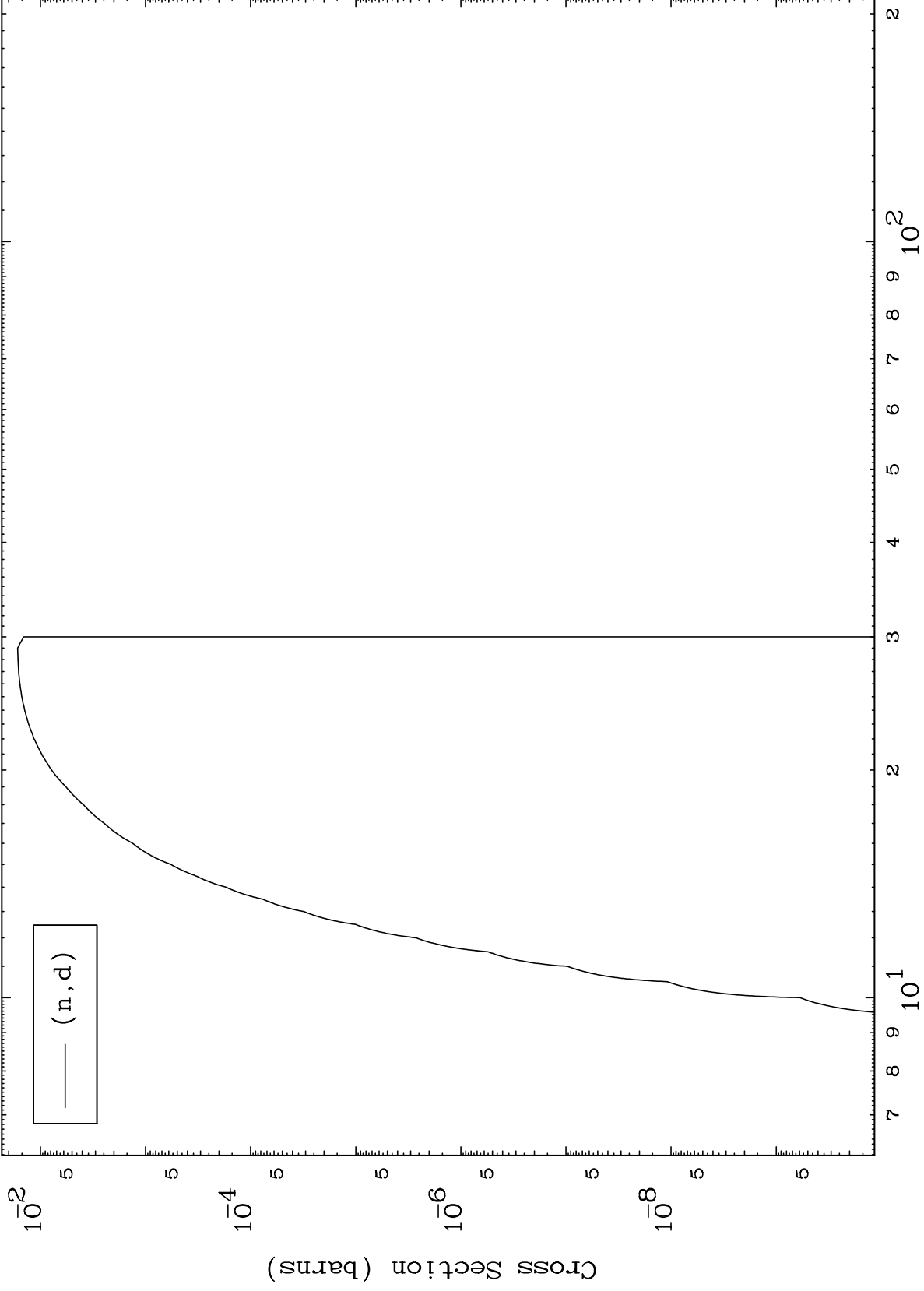
Incident Energy (MeV)

56-Ba-137

MAT 5646

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-137



13

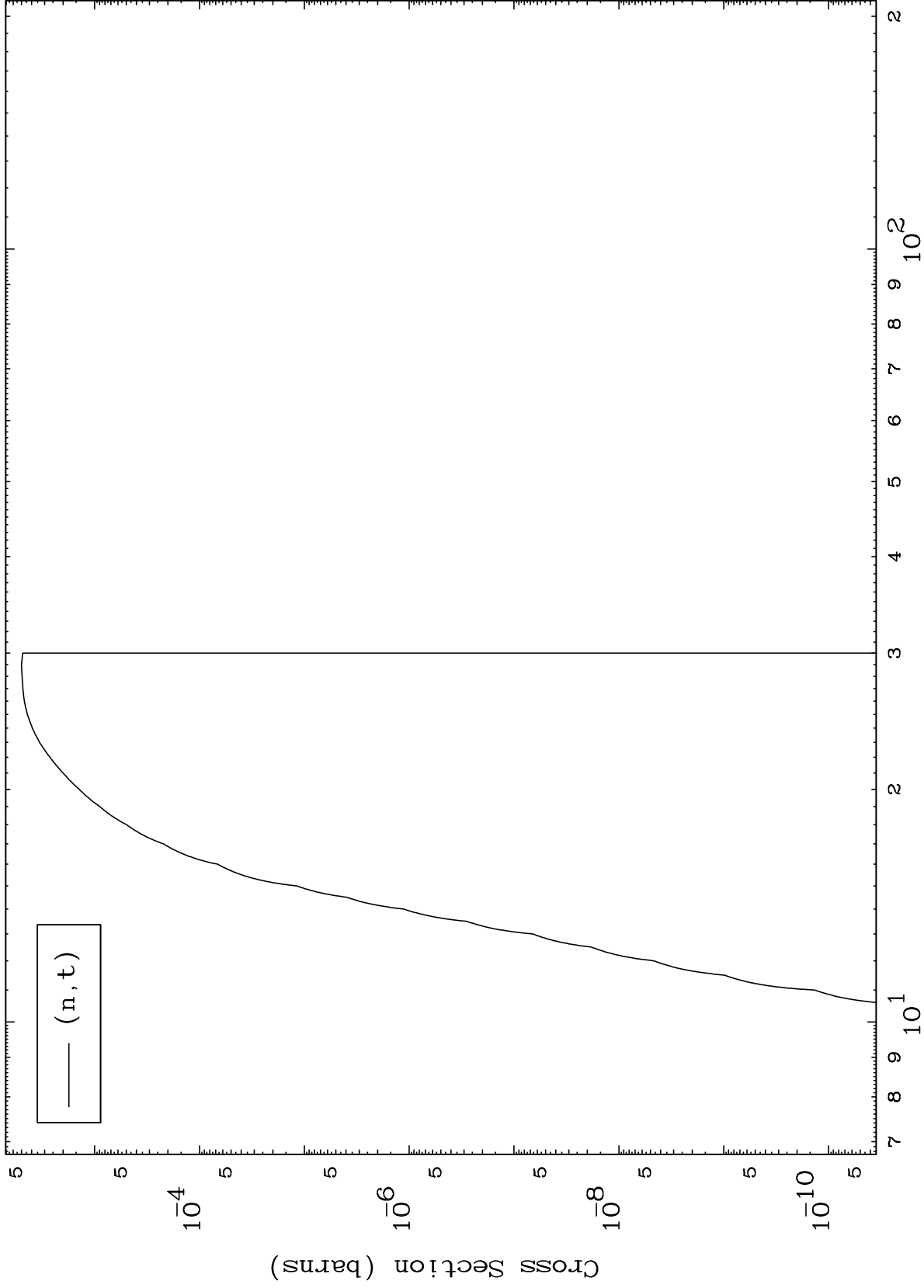
Incident Energy (MeV)

56-Ba-137

MAT 5646

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-137



14

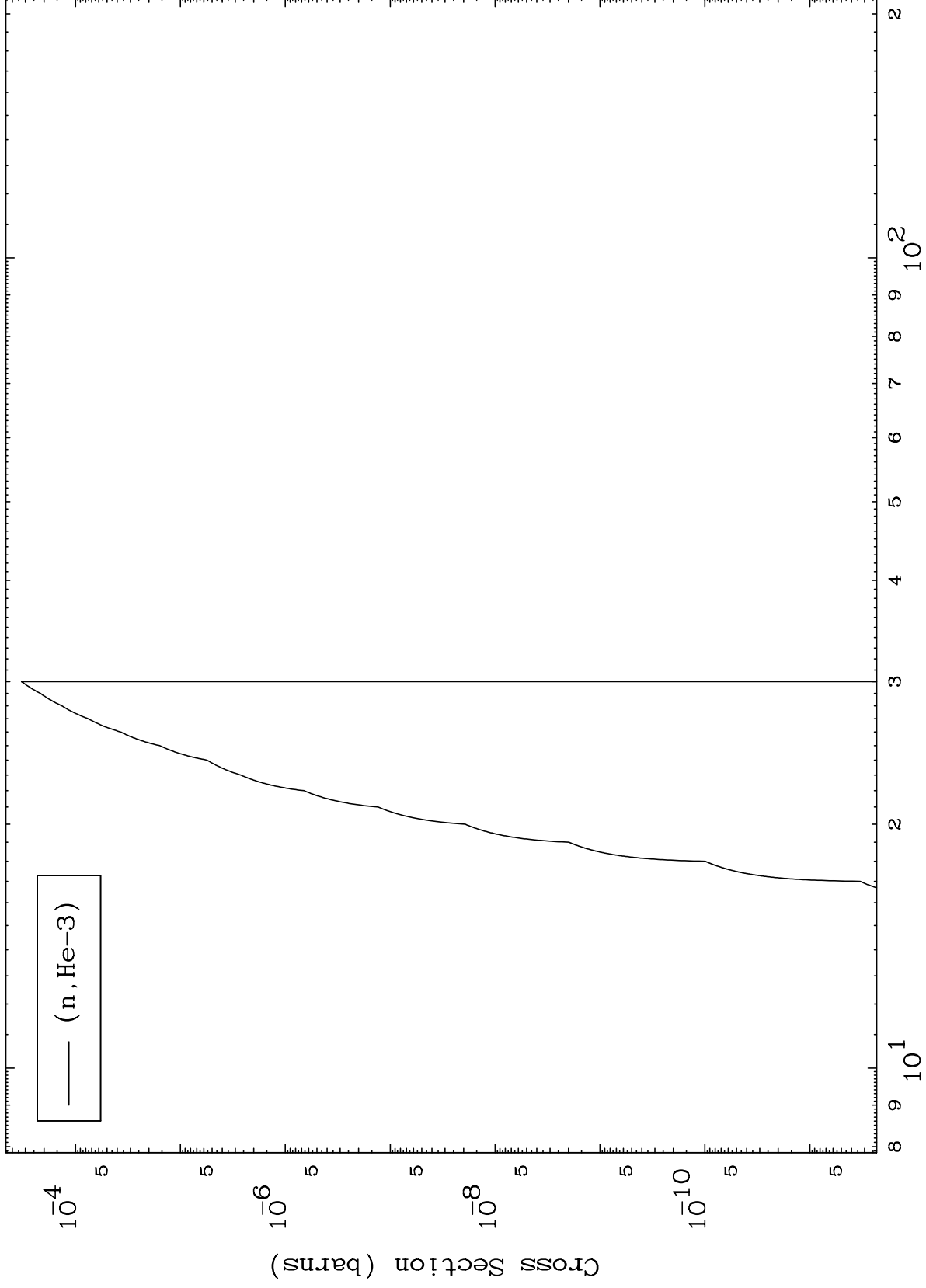
Incident Energy (MeV)

56-Ba-137

MAT 5646

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-137



15

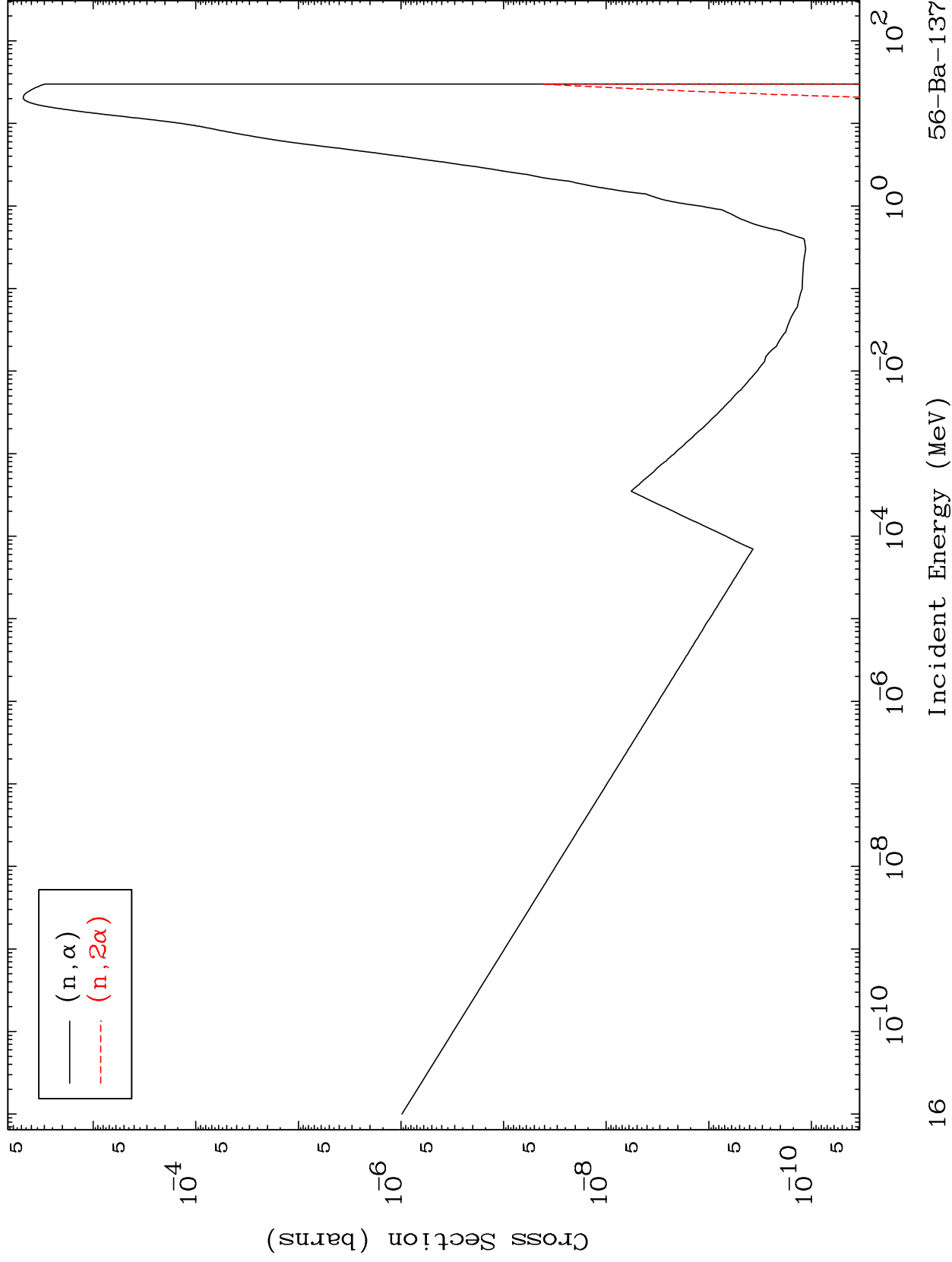
Incident Energy (MeV)

56-Ba-137

MAT 5646

(n, α) Levels
293 Kelvin Cross Sections

56-Ba-137

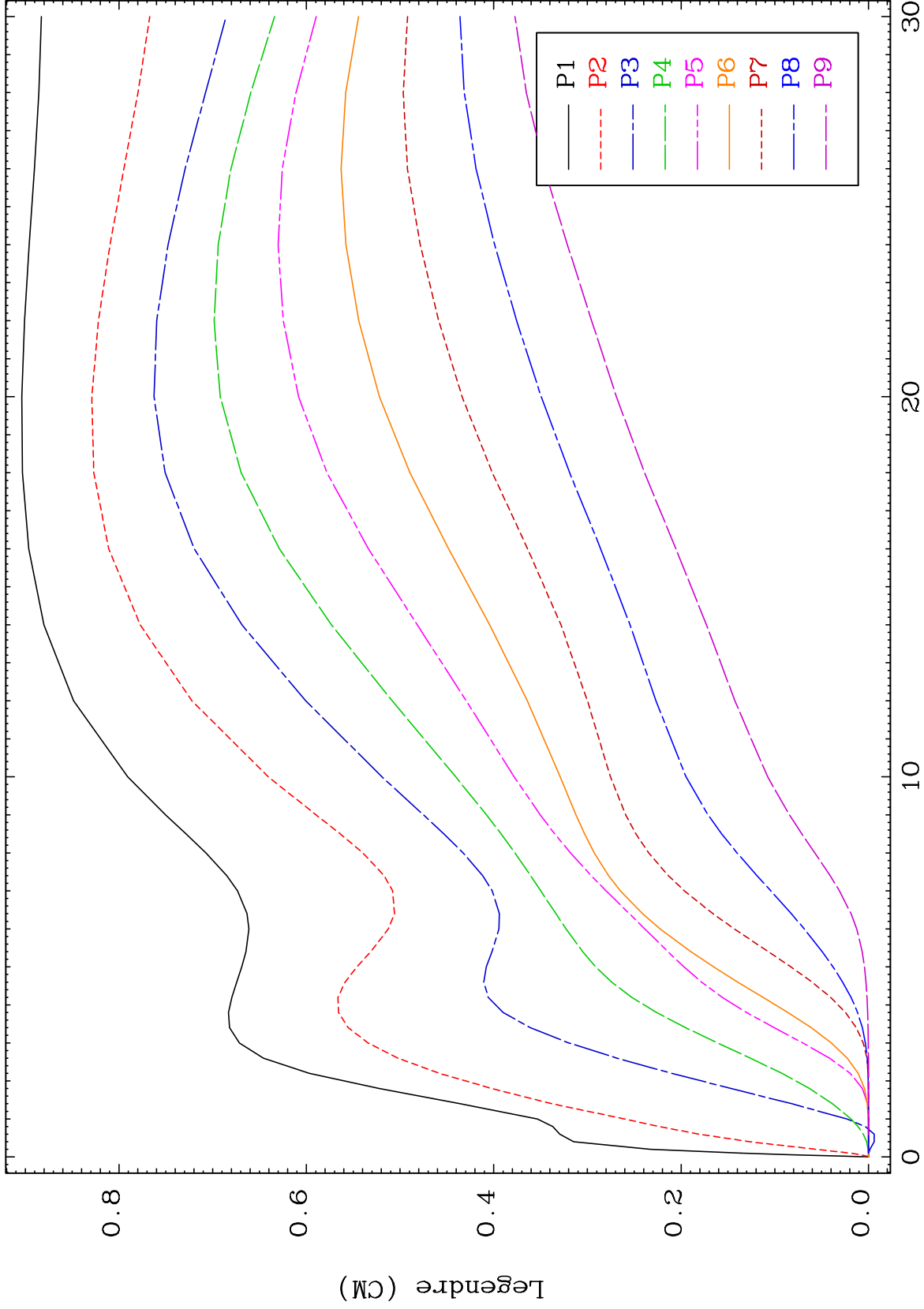


16

MAT 5646

Elastic Legendre Coefficients

56-Ba-137



17

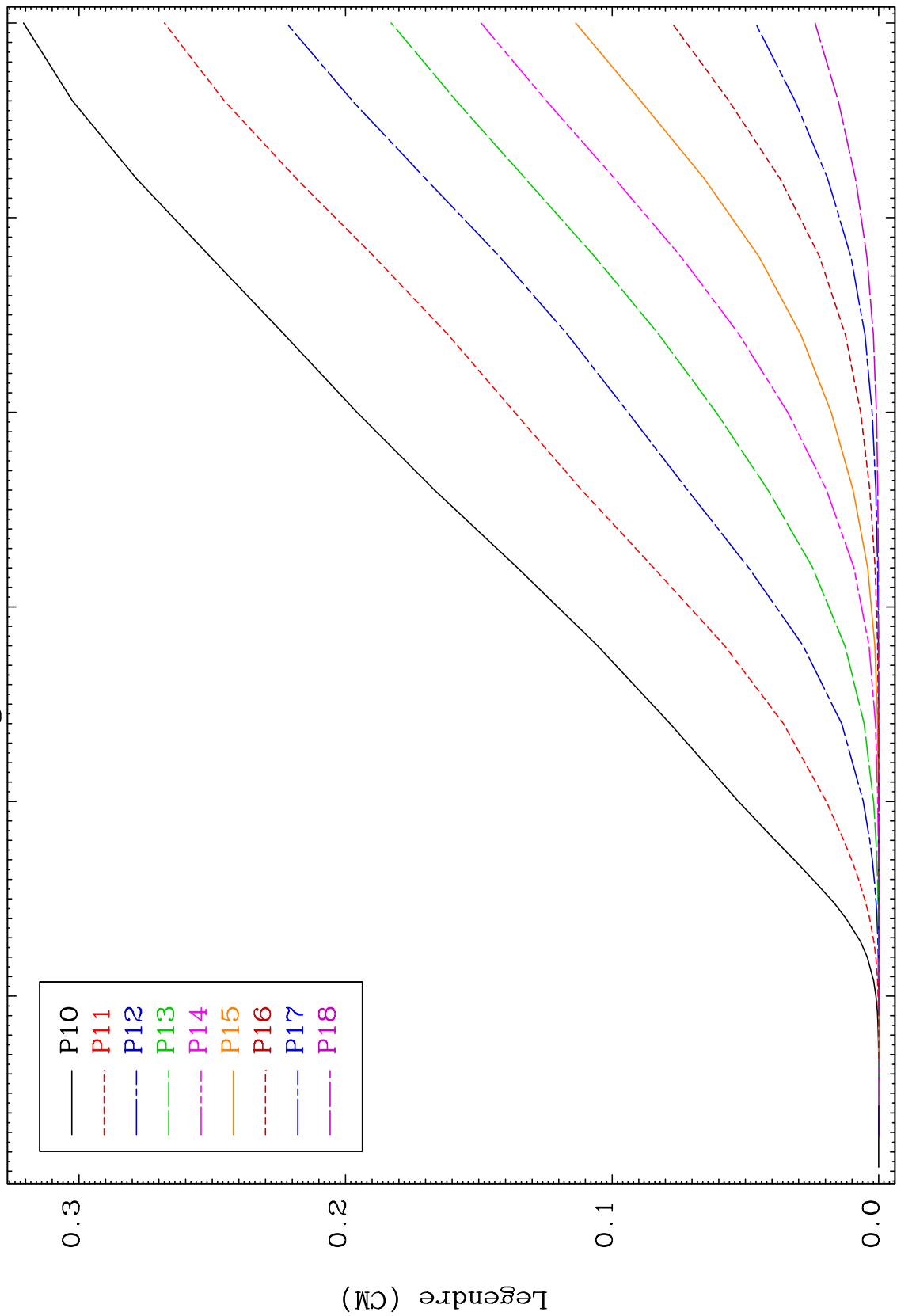
Incident Energy (MeV)

56-Ba-137

MAT 5646

Elastic Legendre Coefficients

56-Ba-137



18

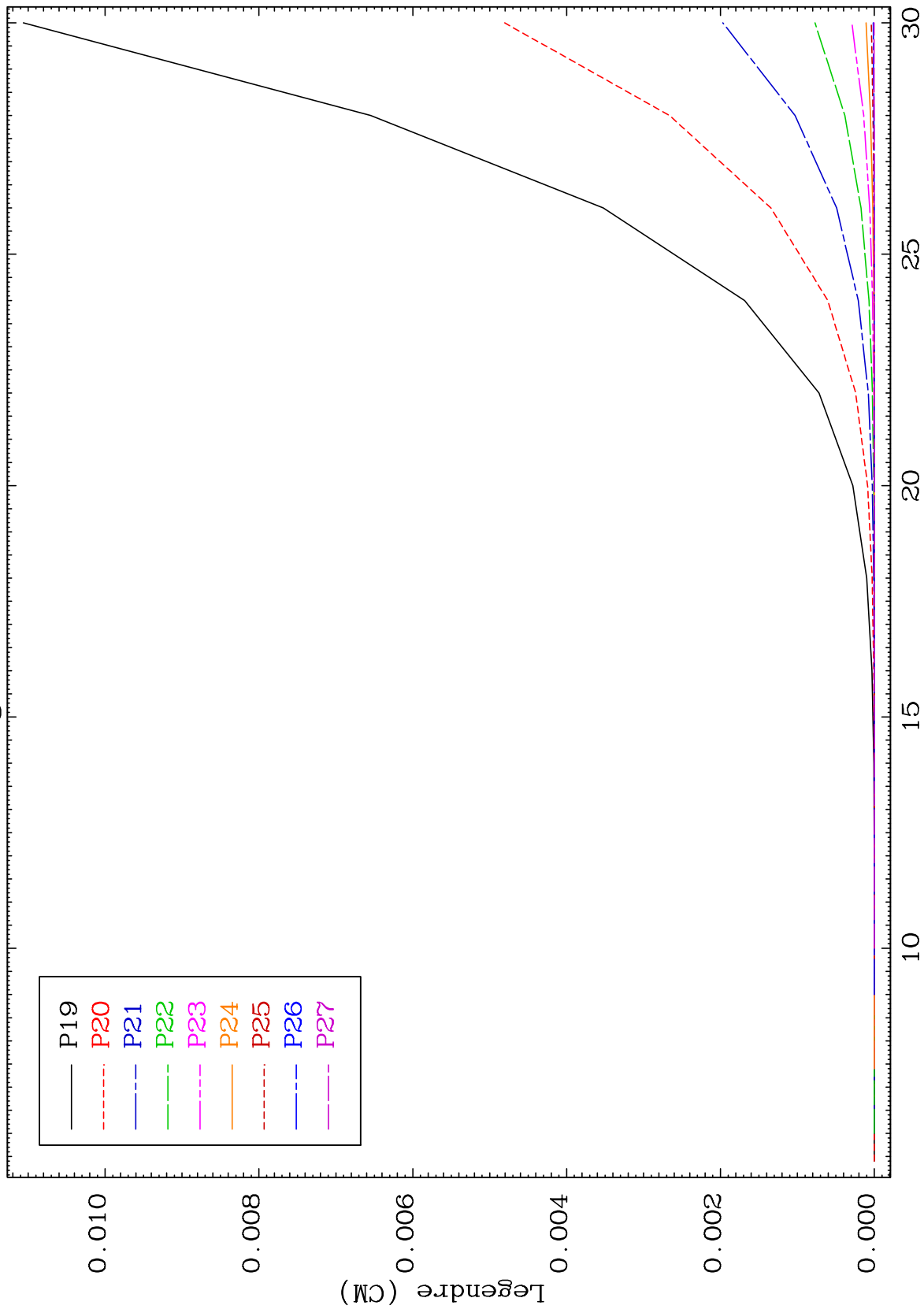
Incident Energy (MeV)

56-Ba-137

MAT 5646

Elastic Legendre Coefficients

56-Ba-137



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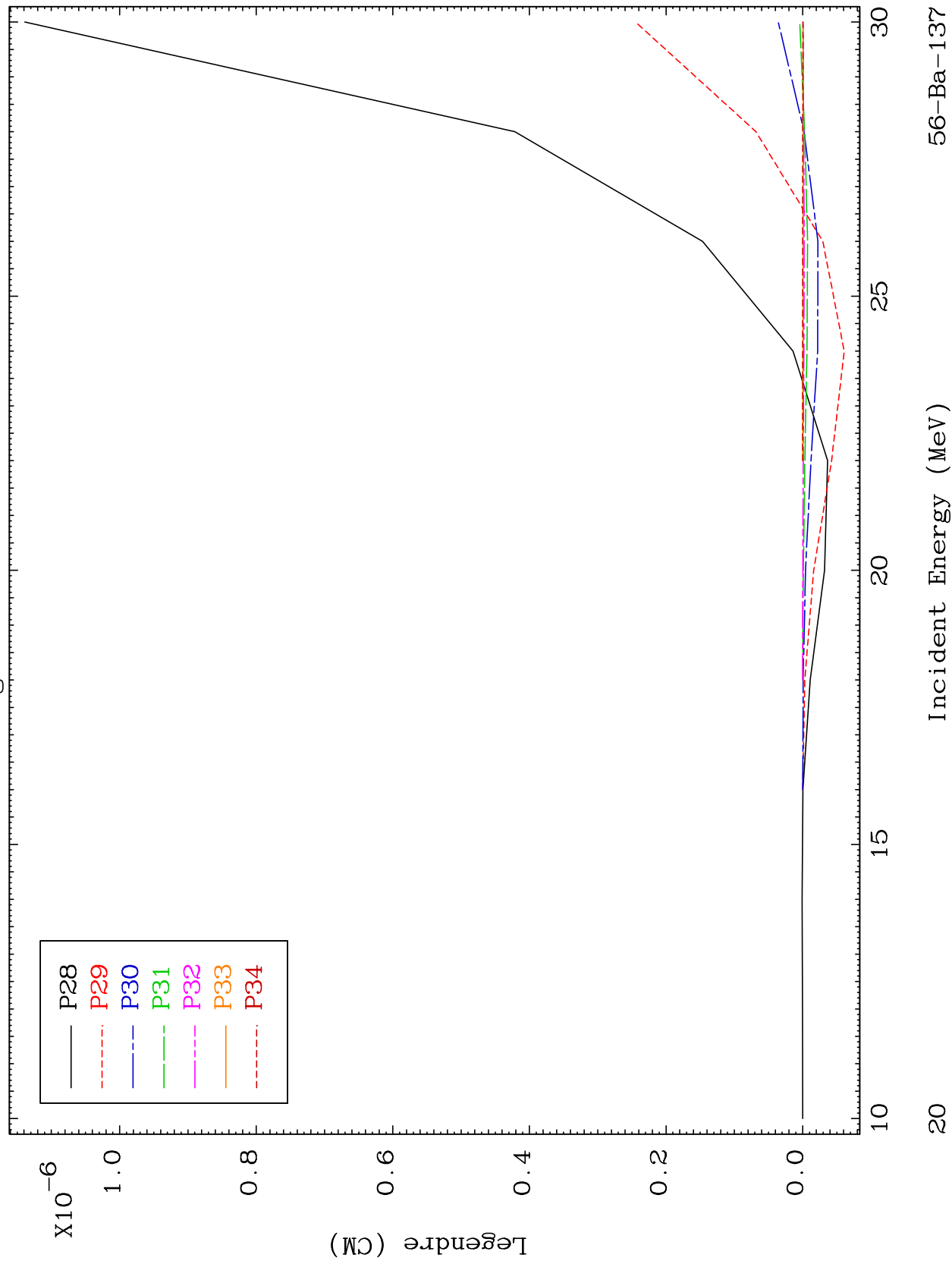
Incident Energy (MeV)

56-Ba-137

MAT 5646

Elastic
Legendre Coefficients

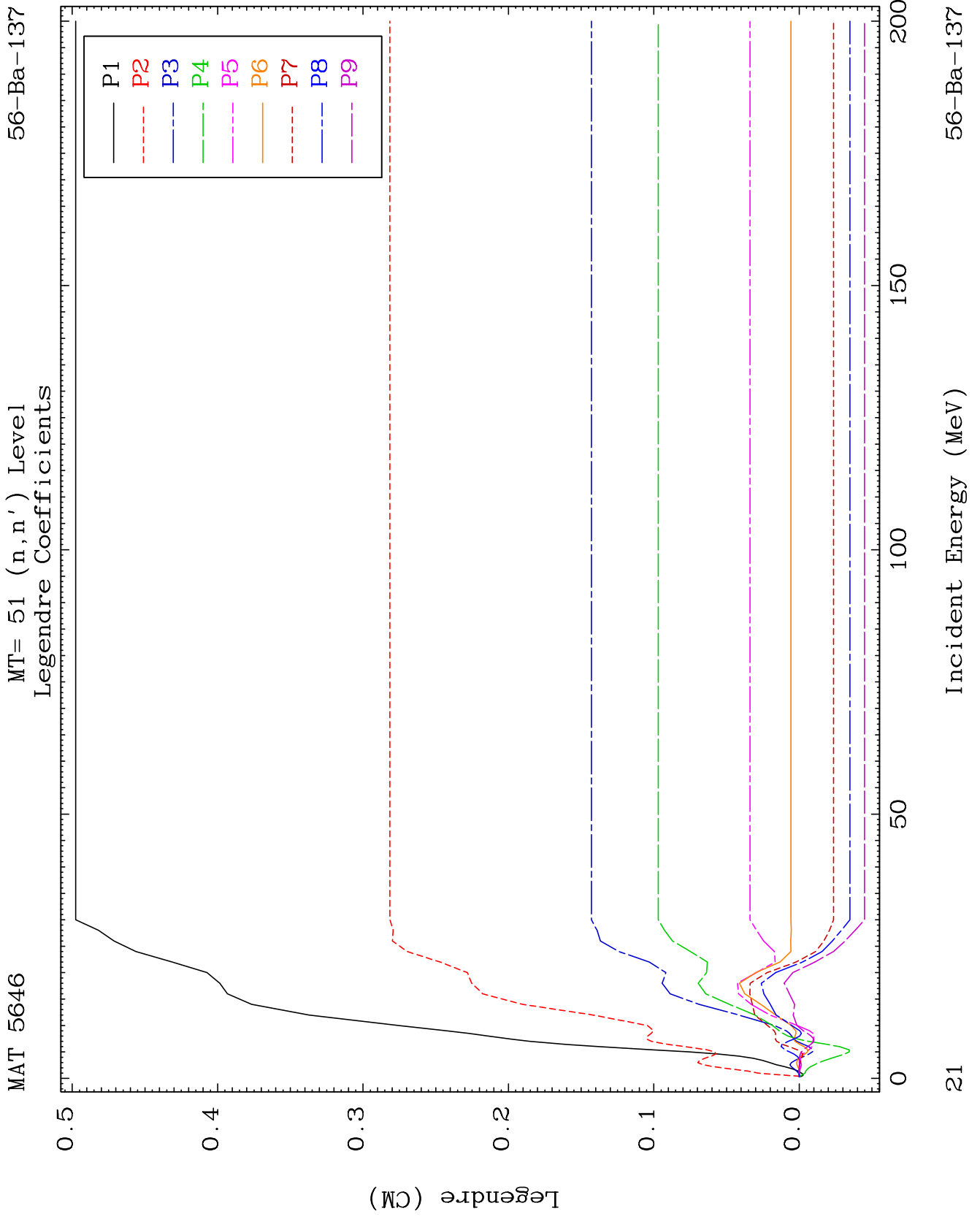
56-Ba-137



56-Ba-137

Incident Energy (MeV)

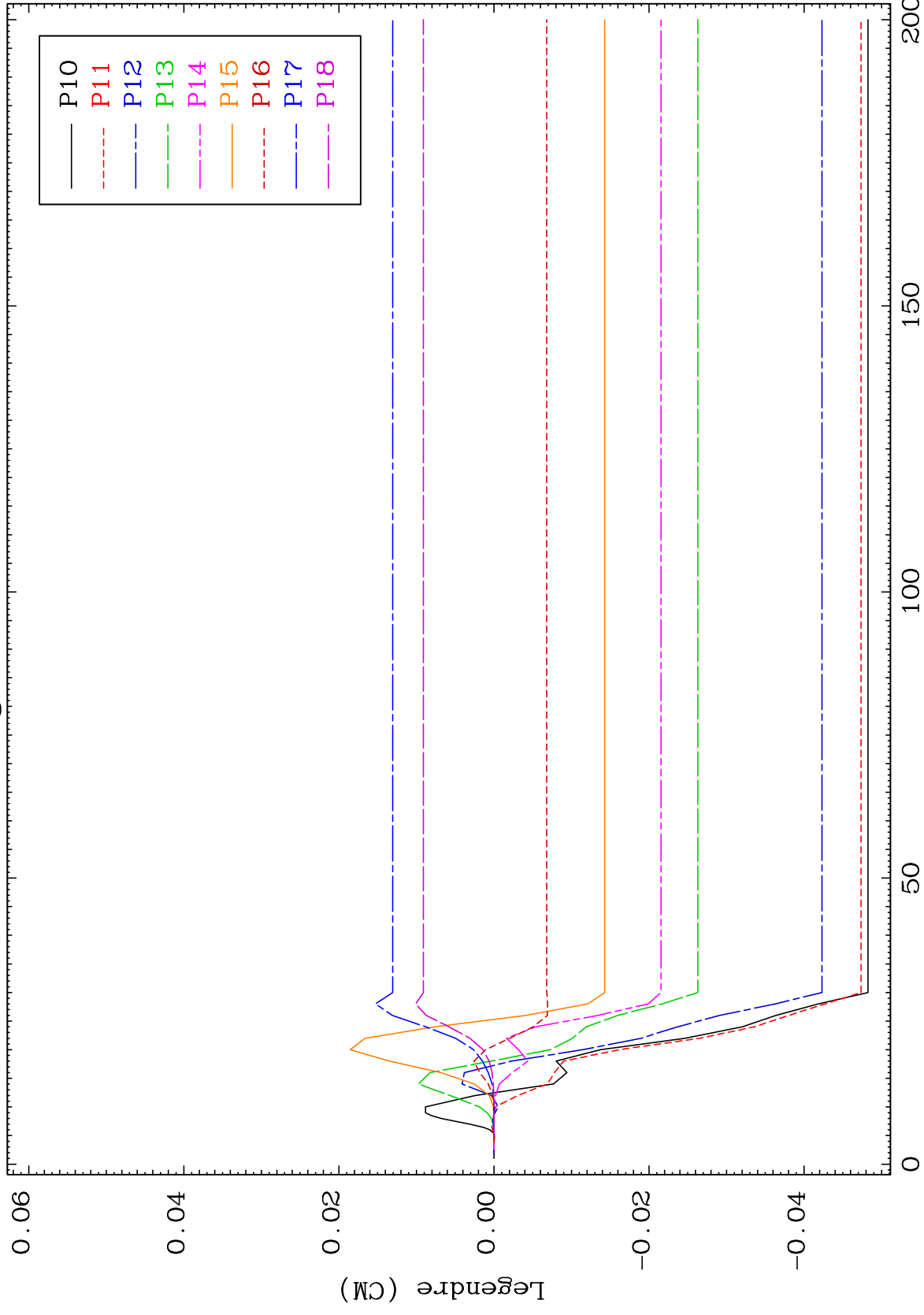
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MAT 5646

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

56-Ba-137



22

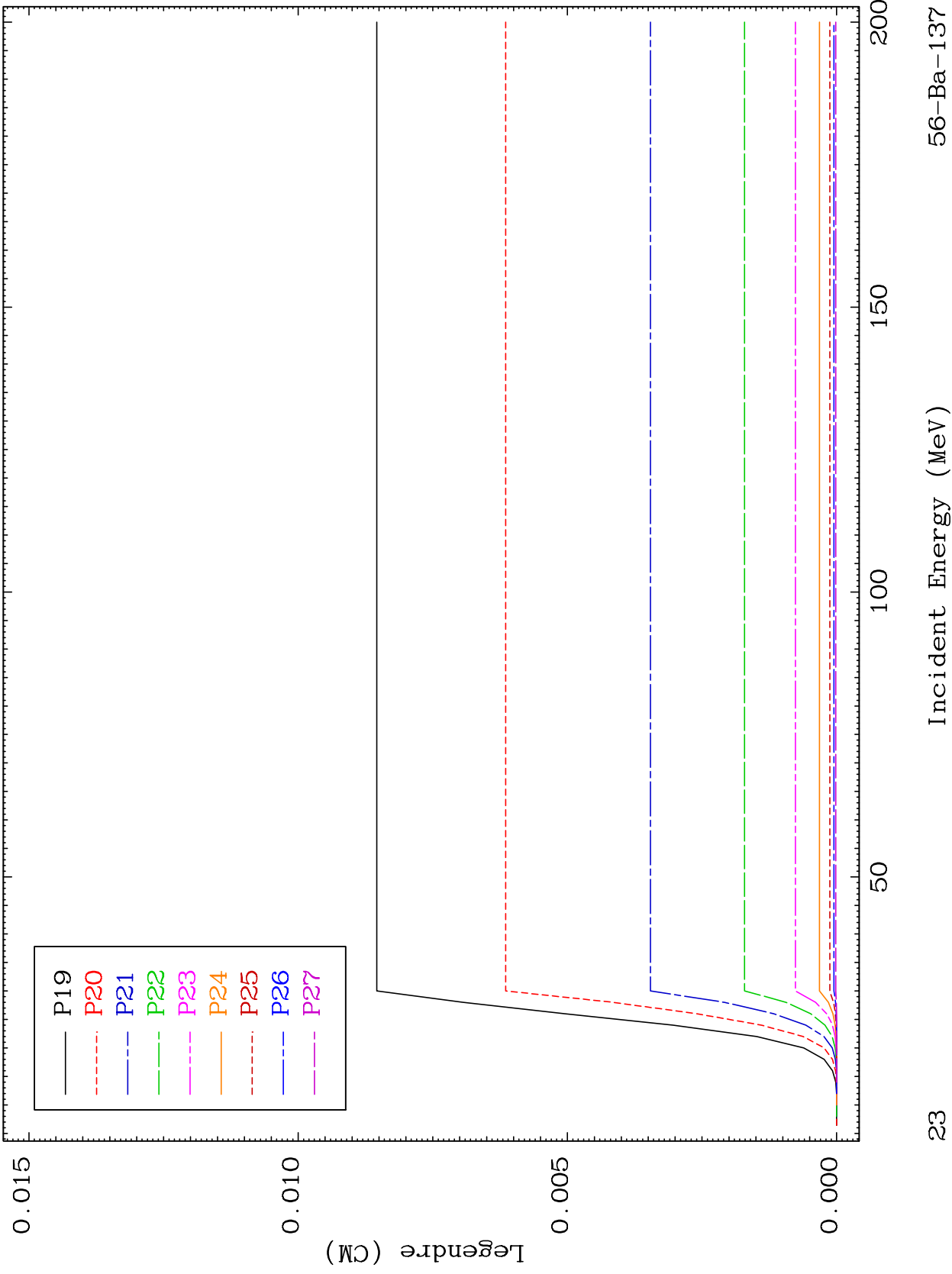
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



23

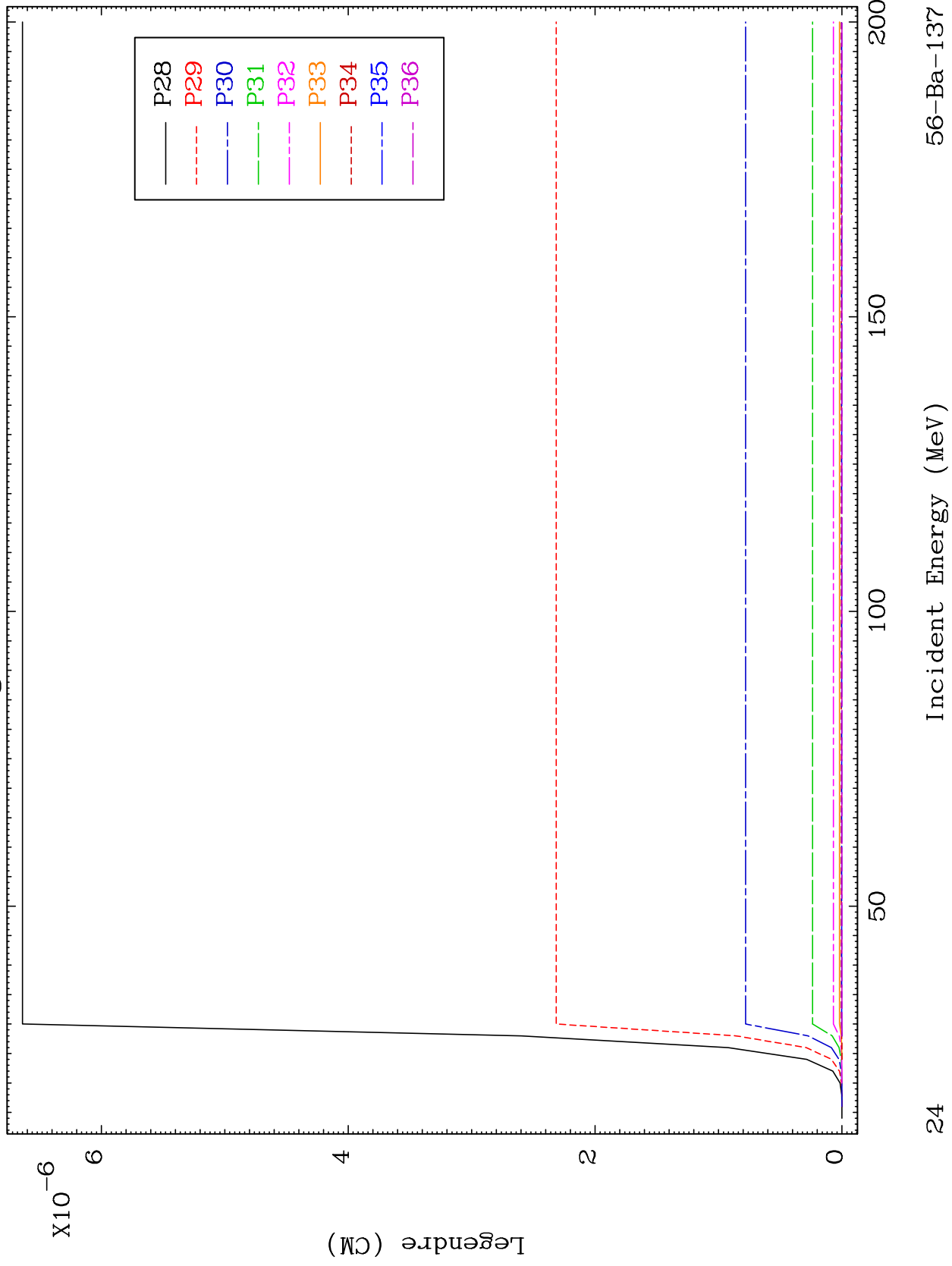
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

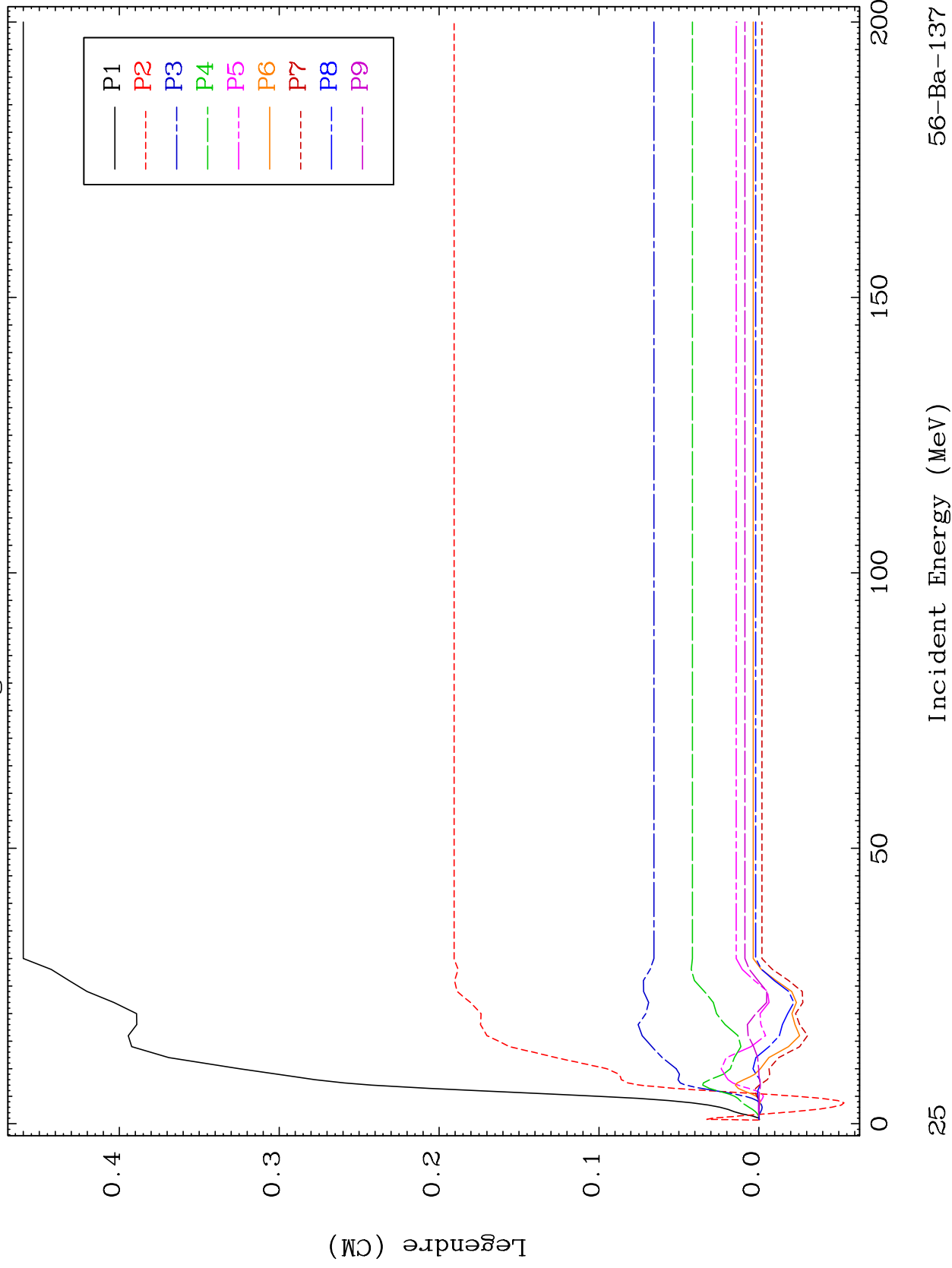
56-Ba-137



MAT 5646

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

56-Ba-137



56-Ba-137

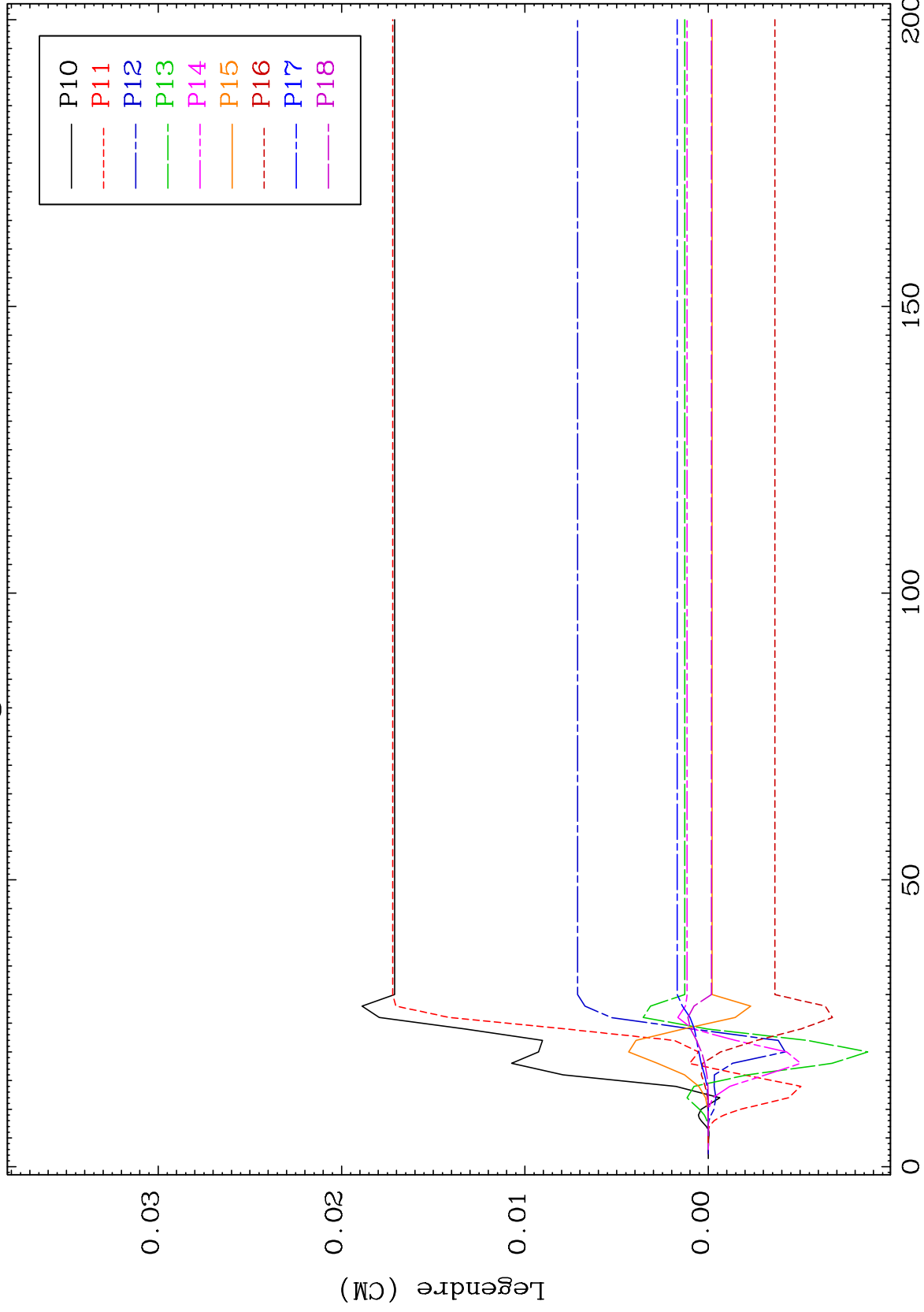
Incident Energy (MeV)

25

MAT 5646

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

56-Ba-137



26

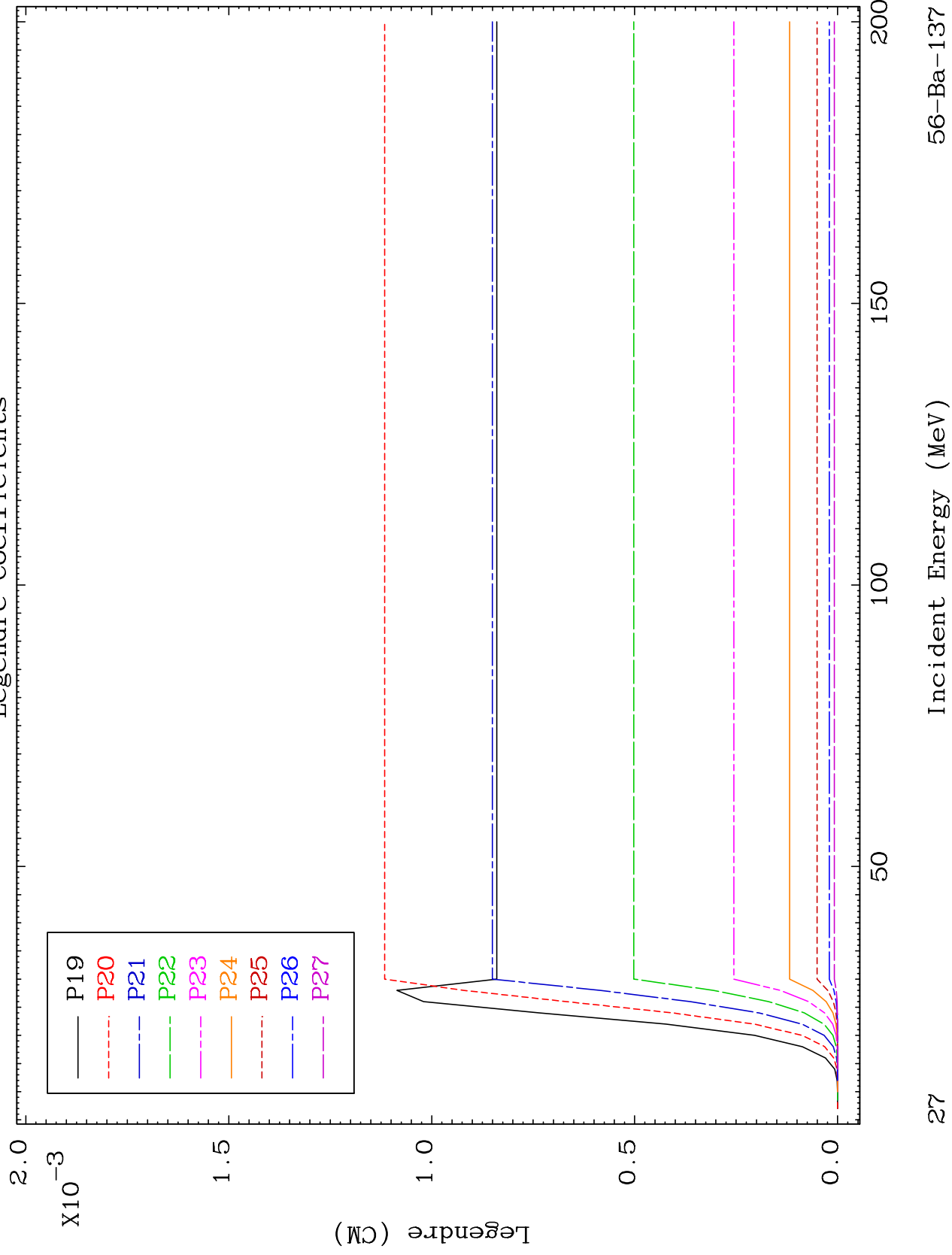
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

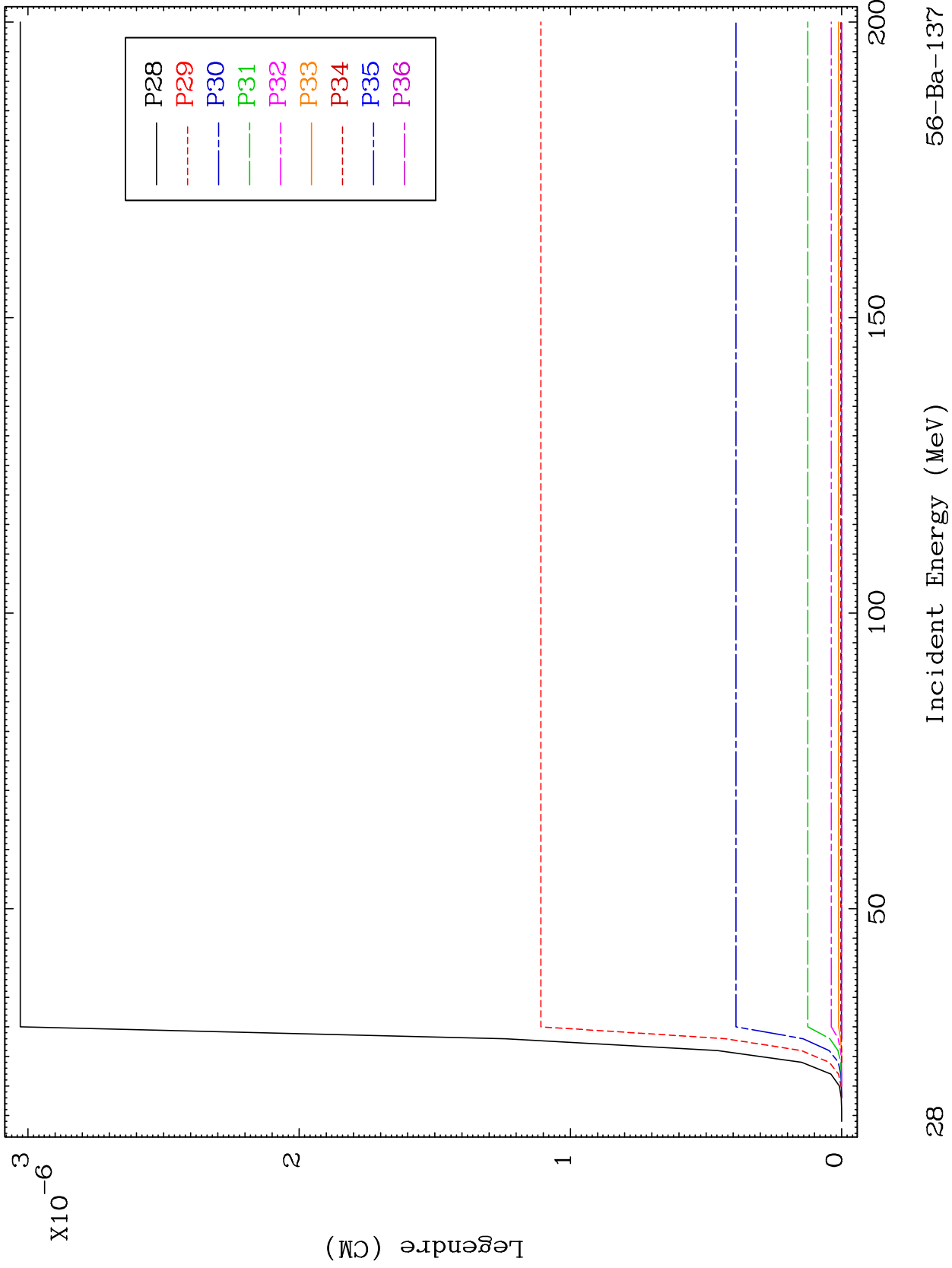
56-Ba-137



MAT 5646

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

56-Ba-137



28

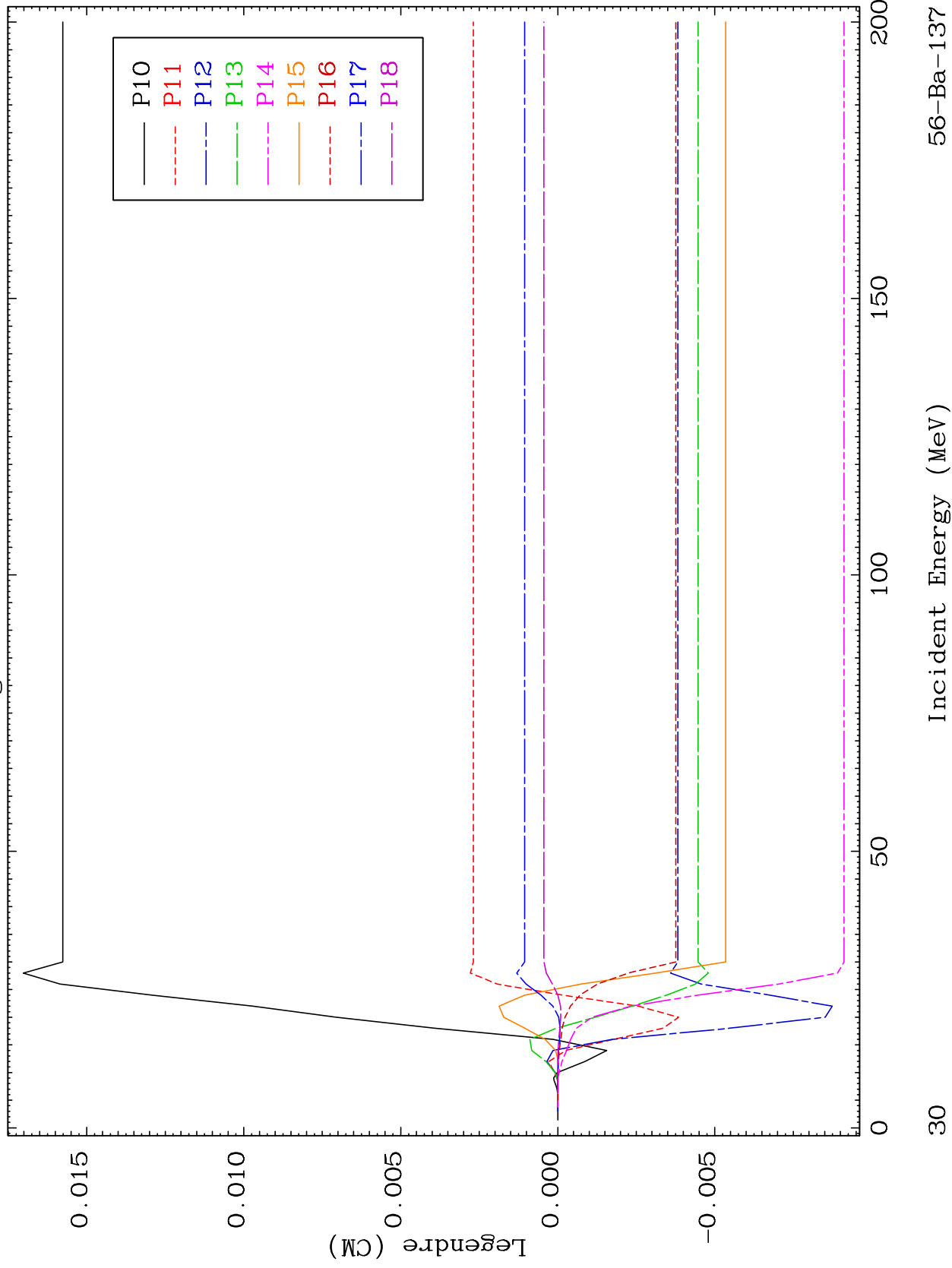
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

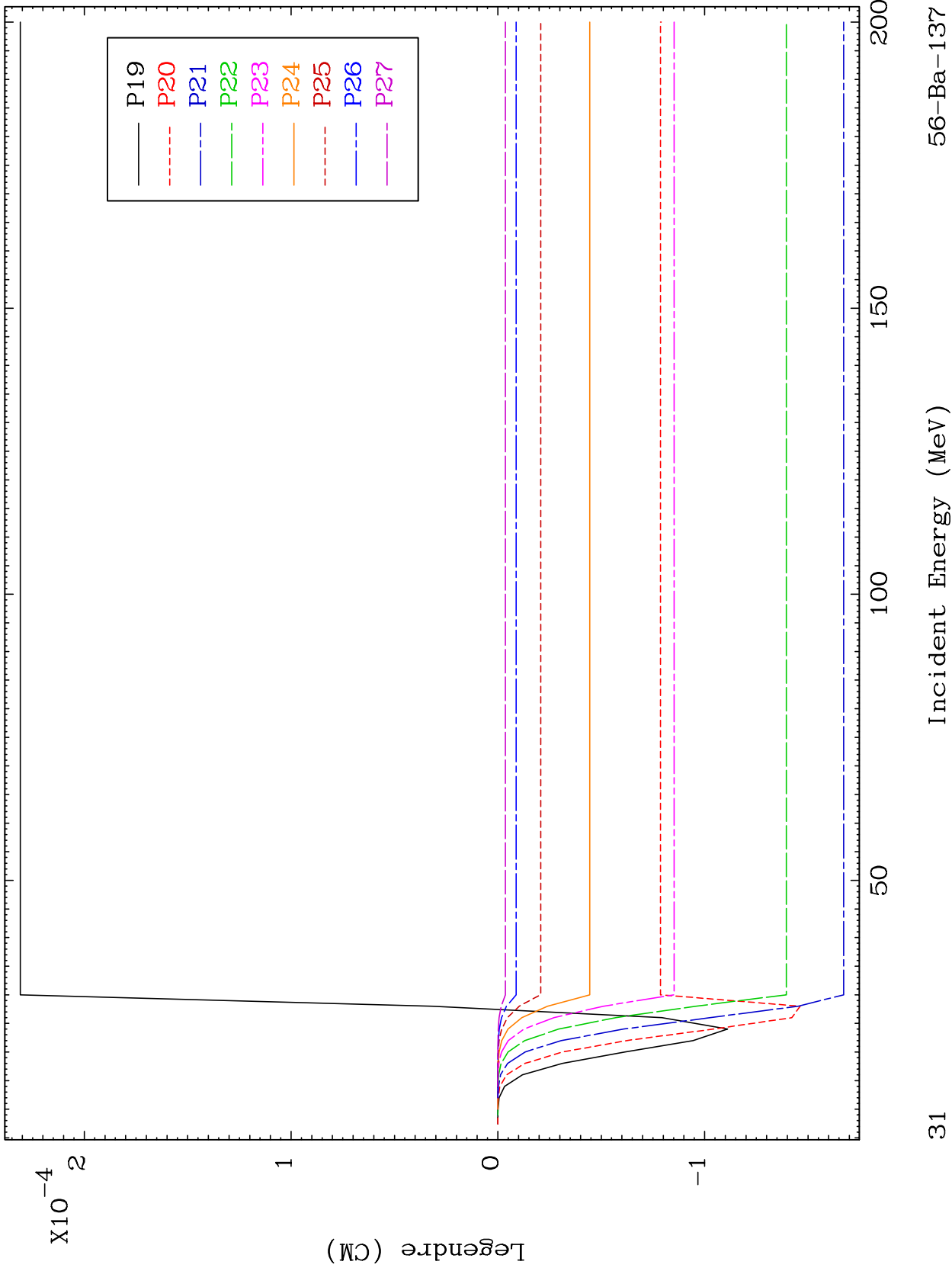
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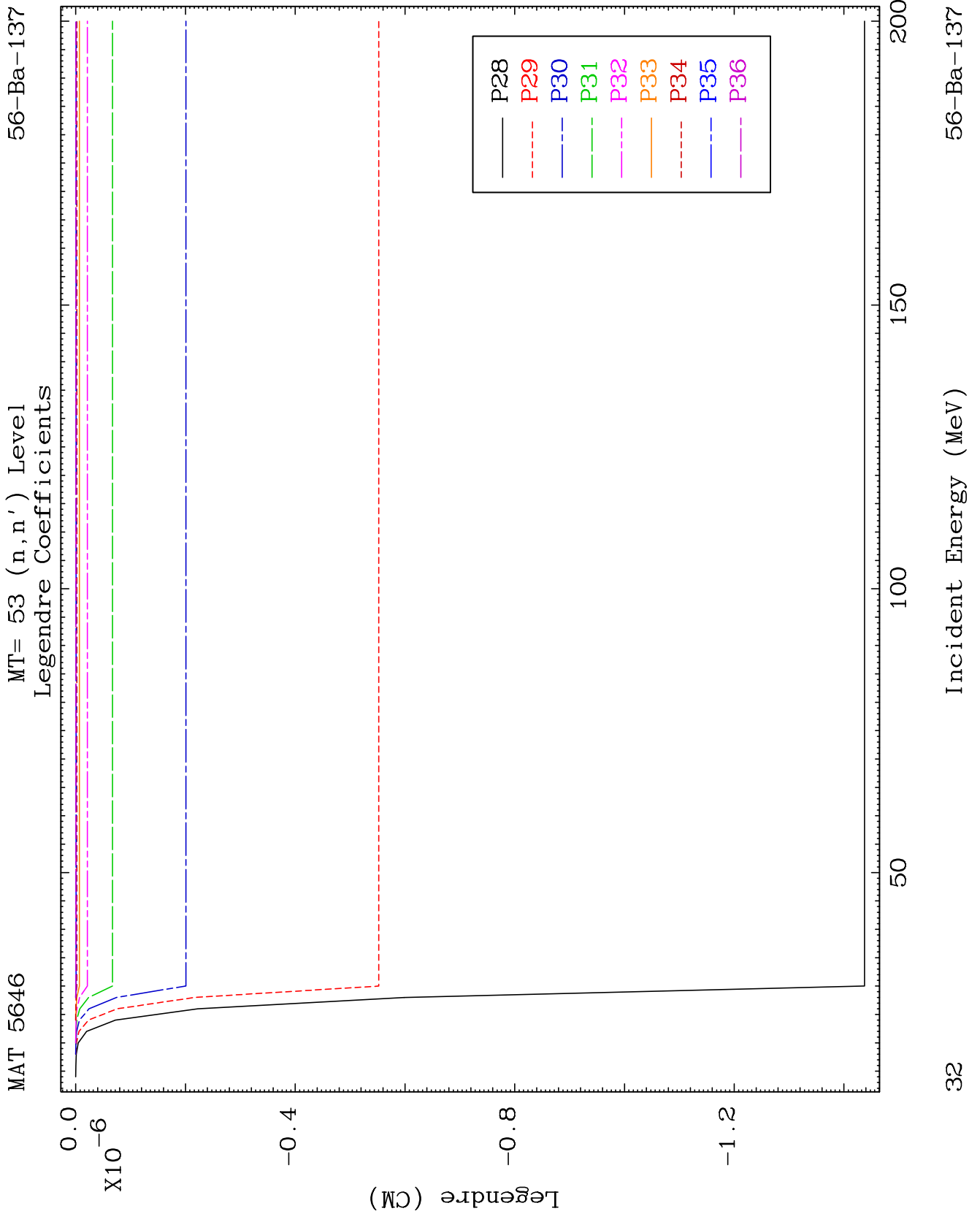


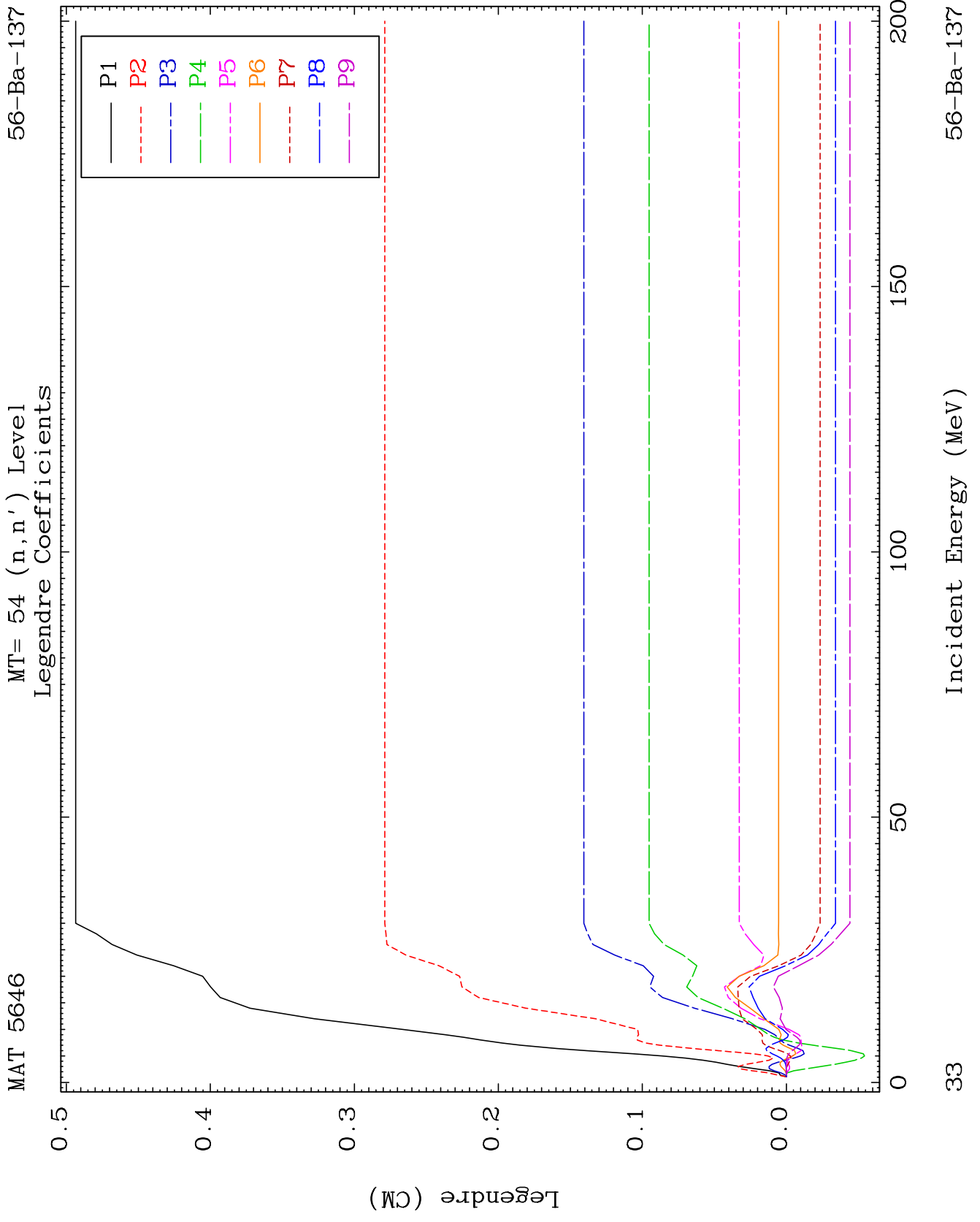
56-Ba-137

Incident Energy (MeV)

30



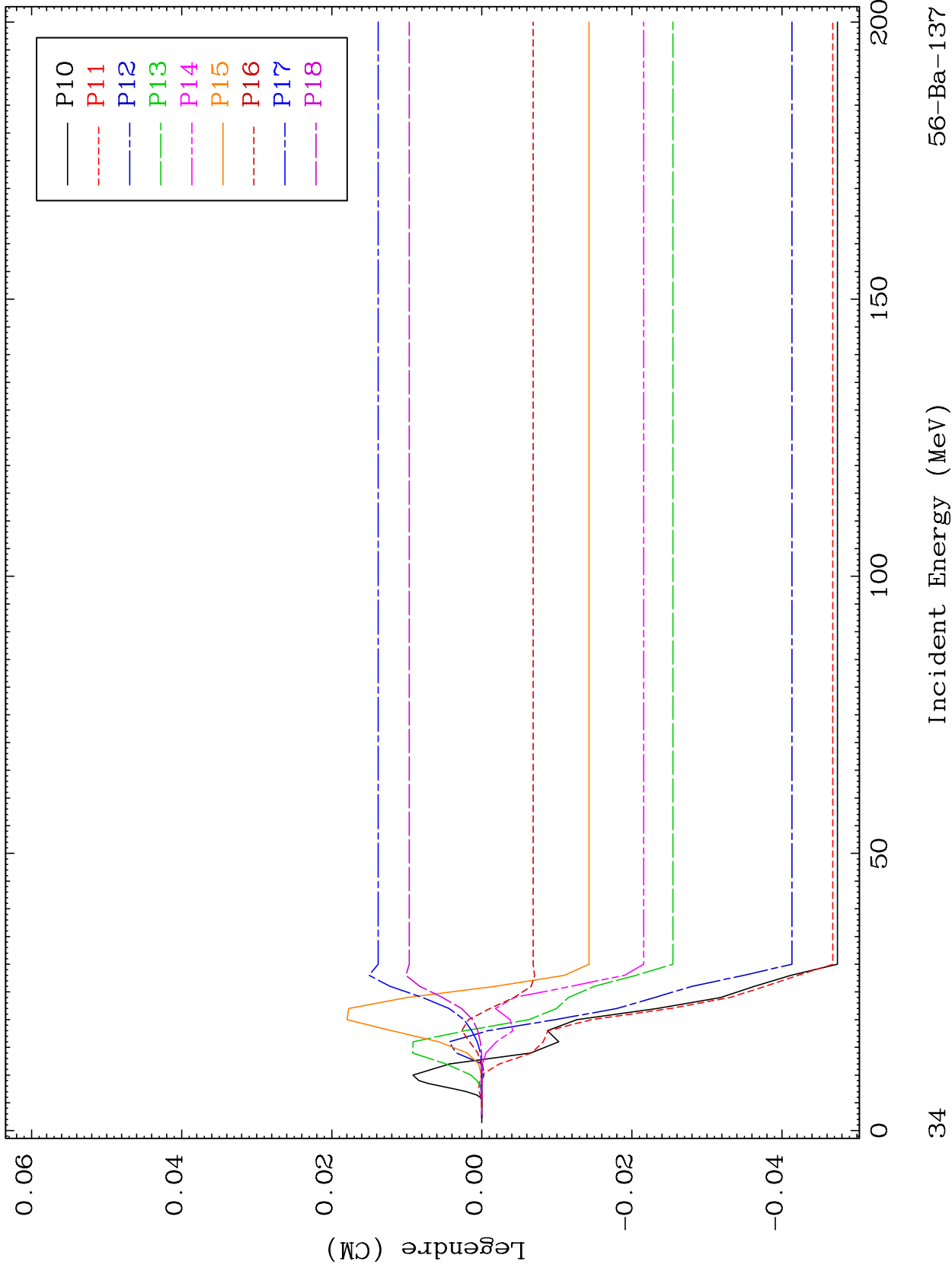




MAT 5646

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

56-Ba-137



34

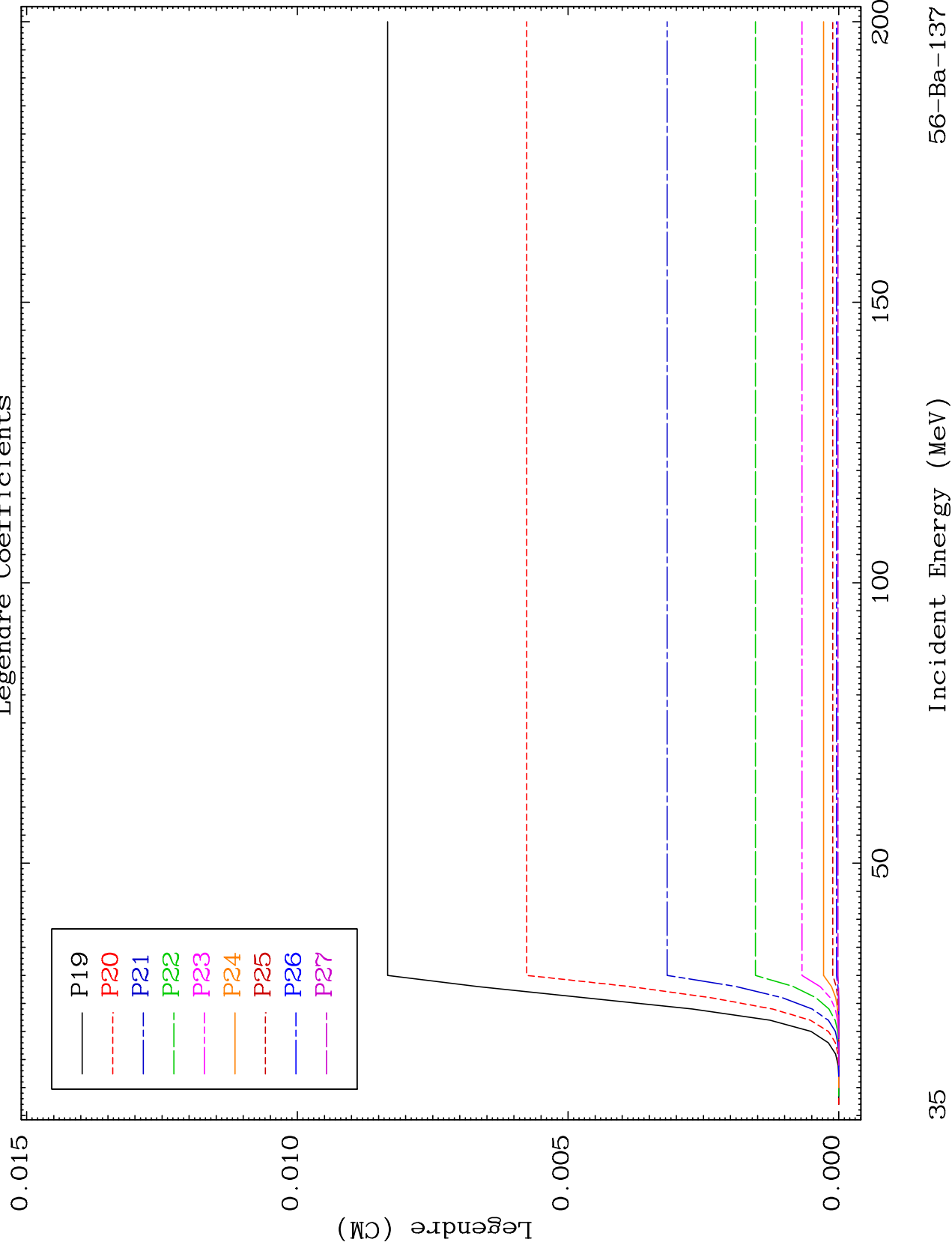
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



35

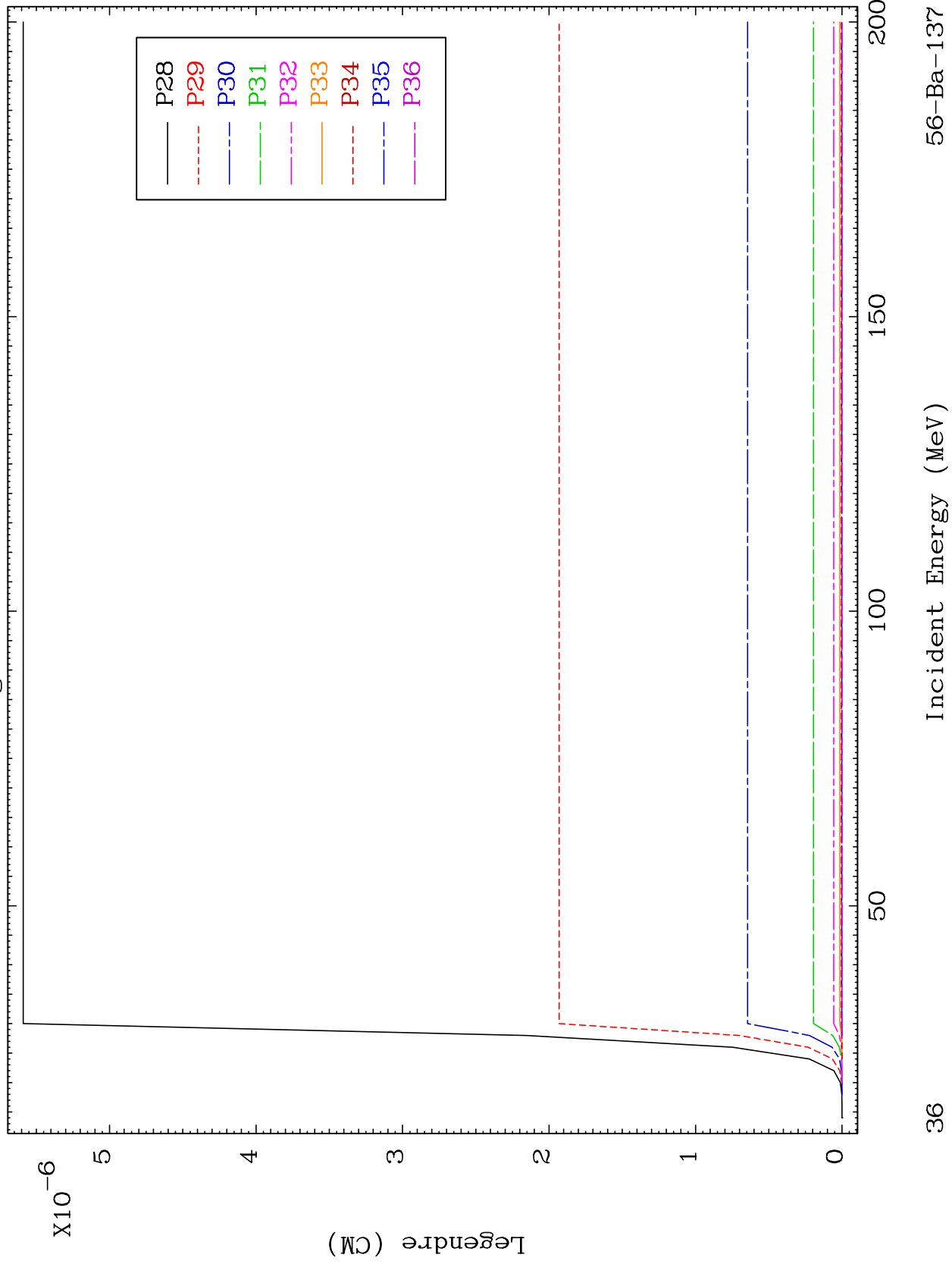
Incident Energy (MeV)

56-Ba-137

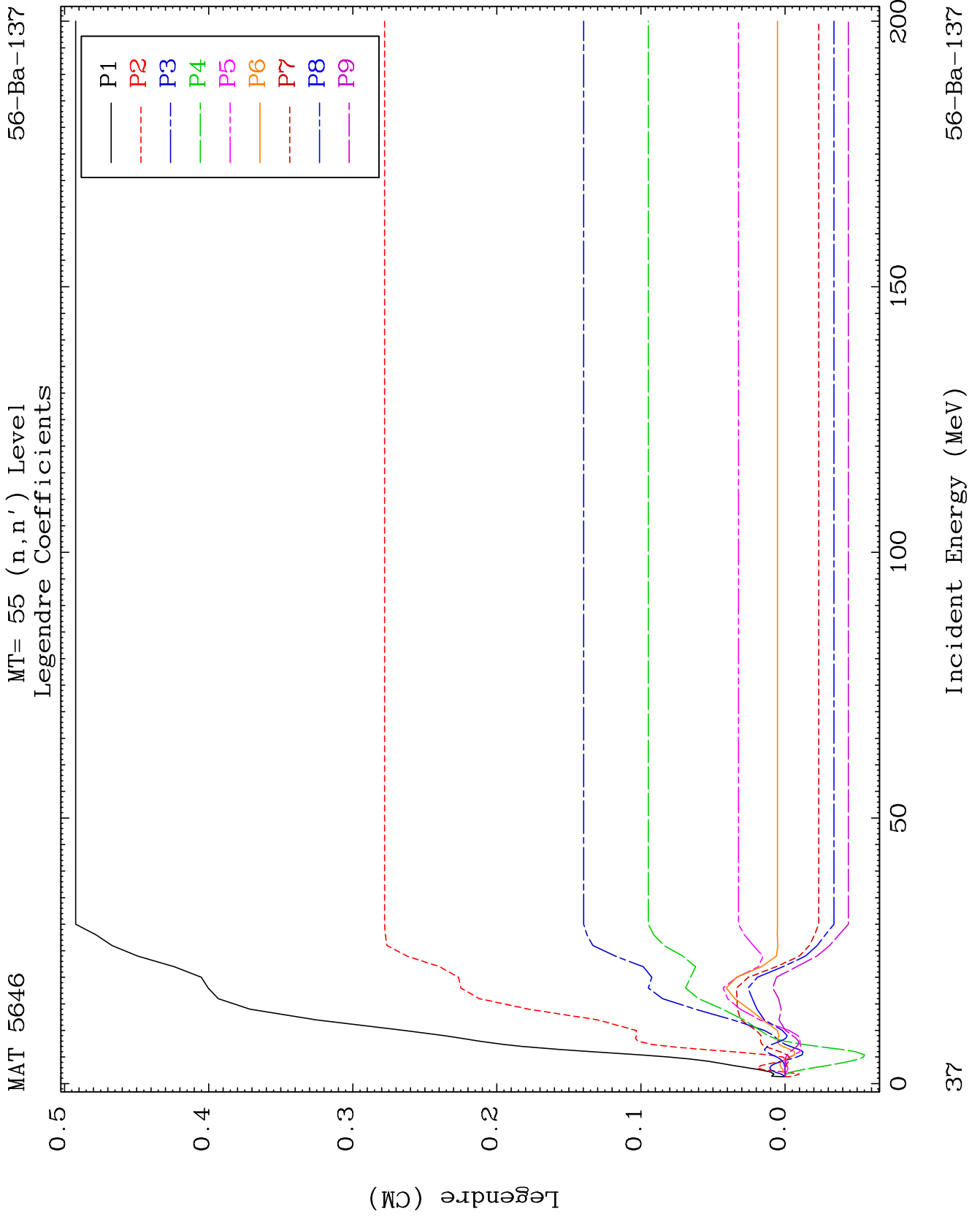
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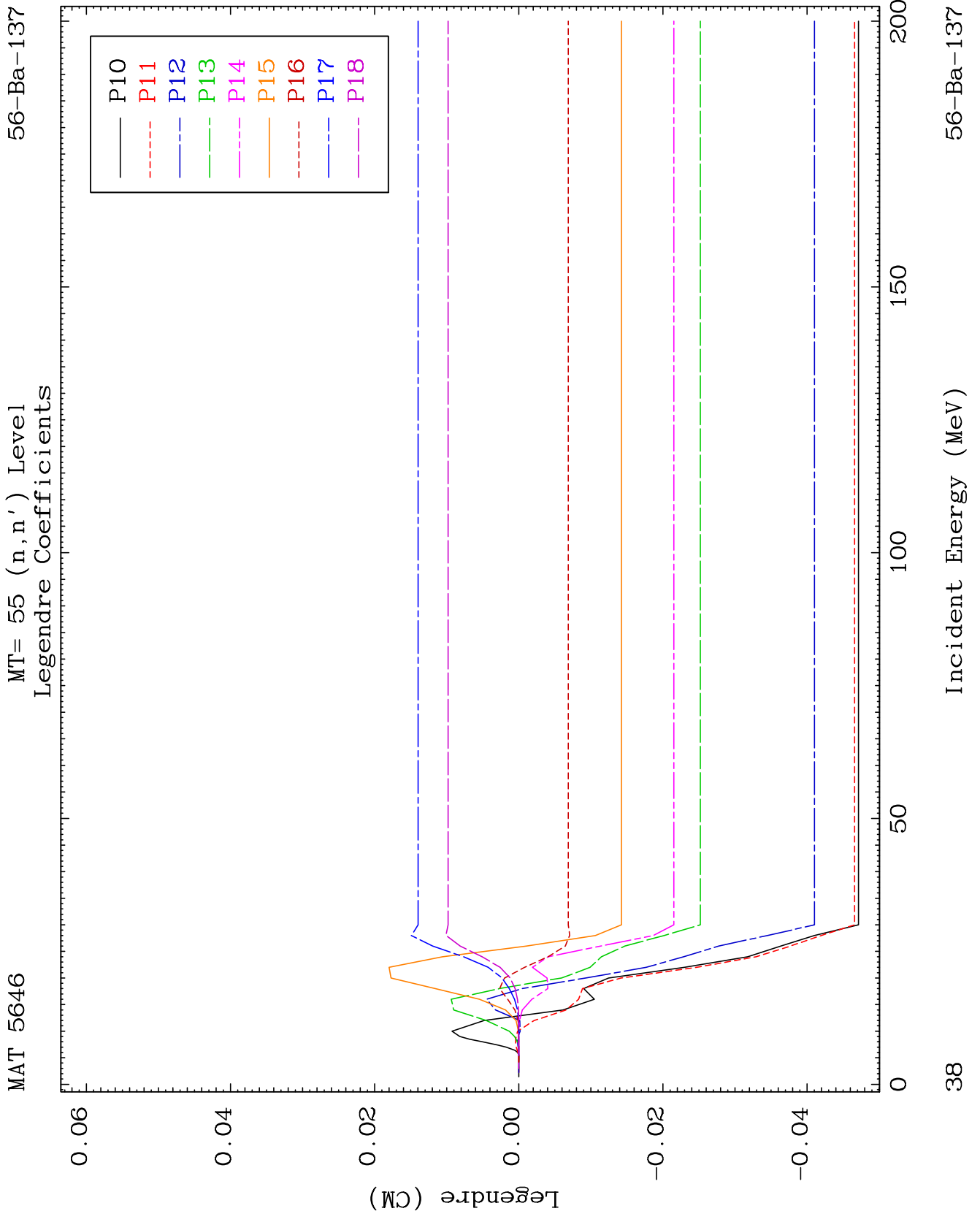
MT= 54 (n,n') Level
Legendre Coefficients

56-Ba-137



36

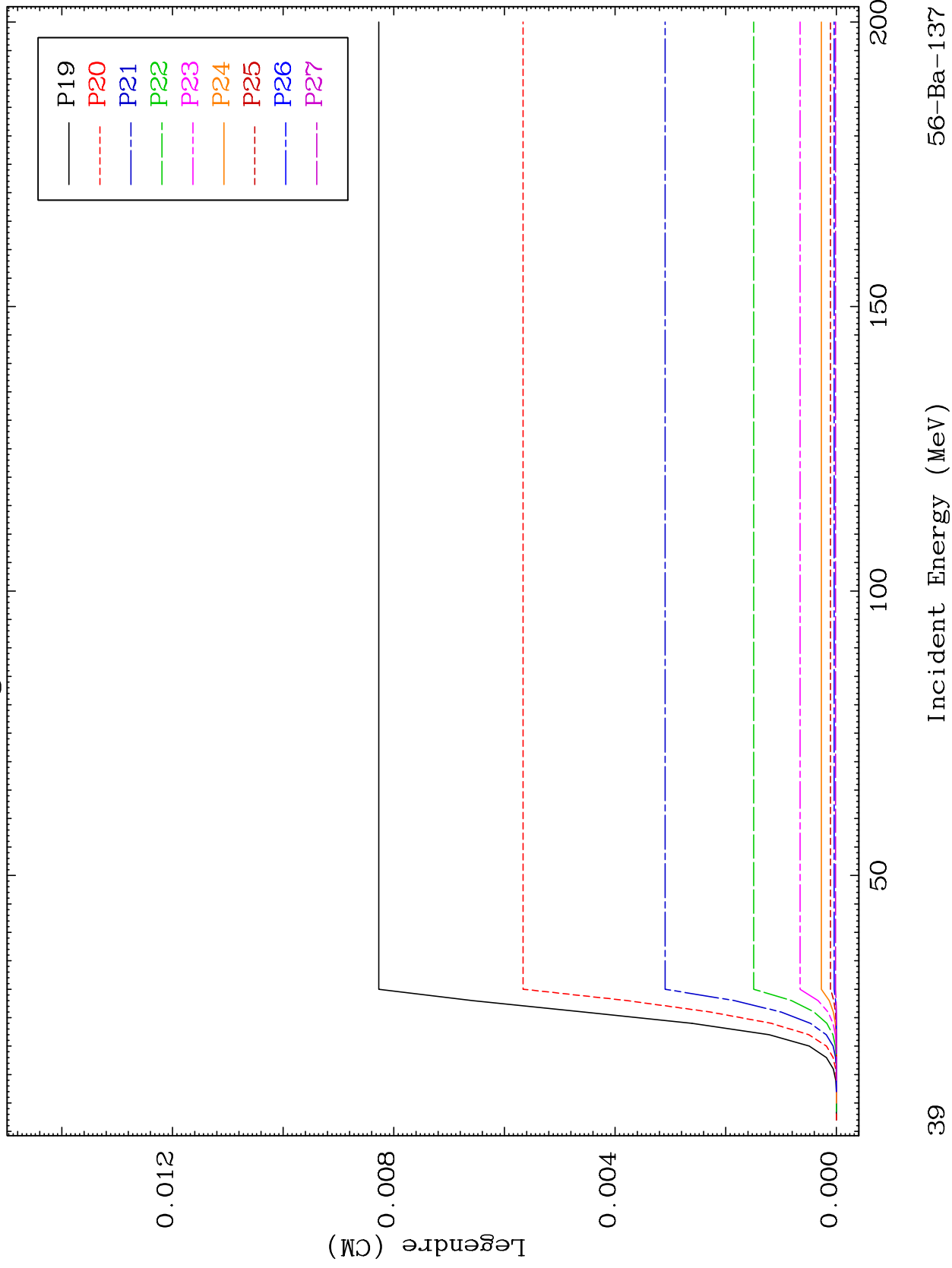




MAT 5646

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

56-Ba-137



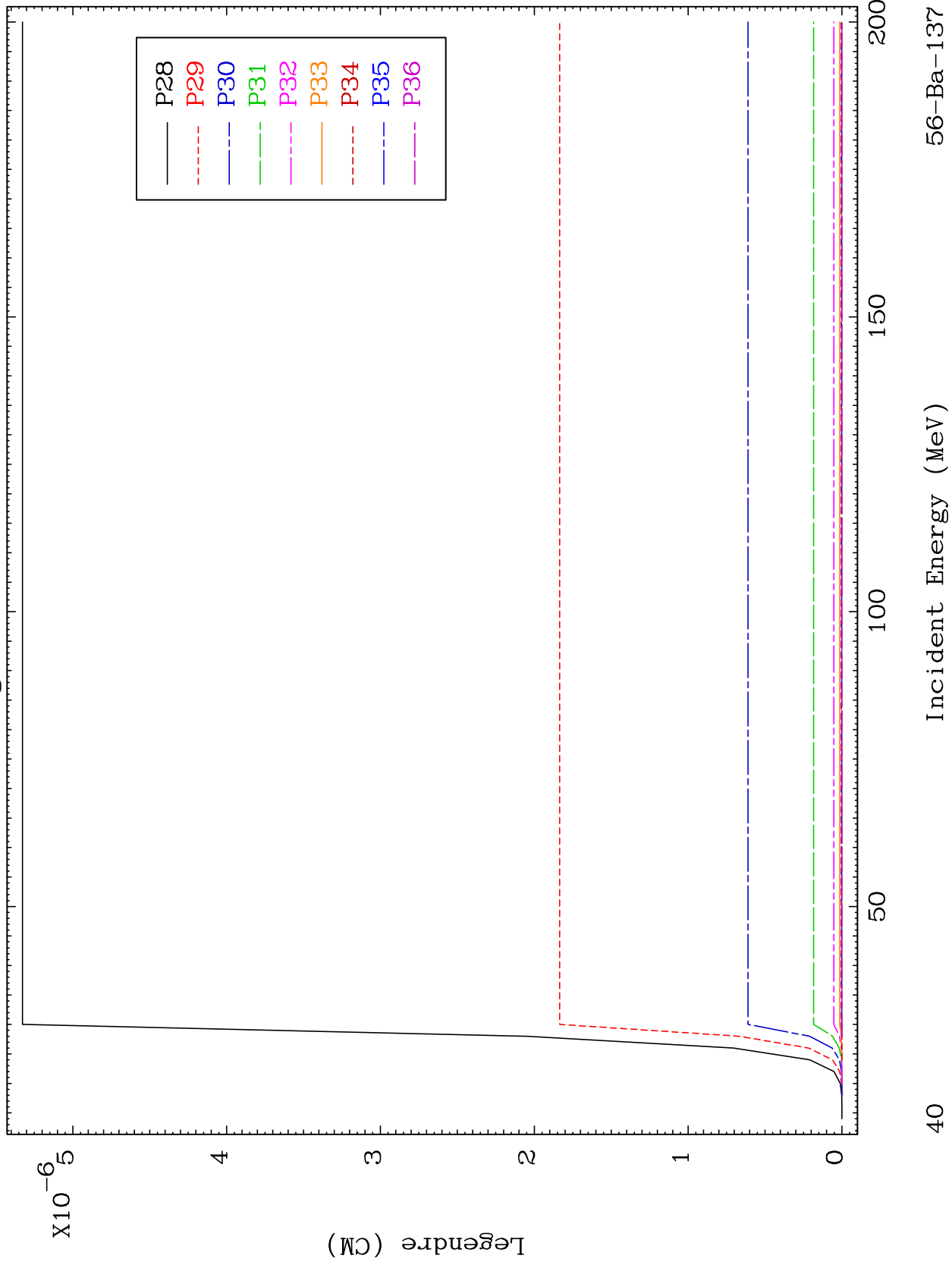
39

56-Ba-137

MAT 5646

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

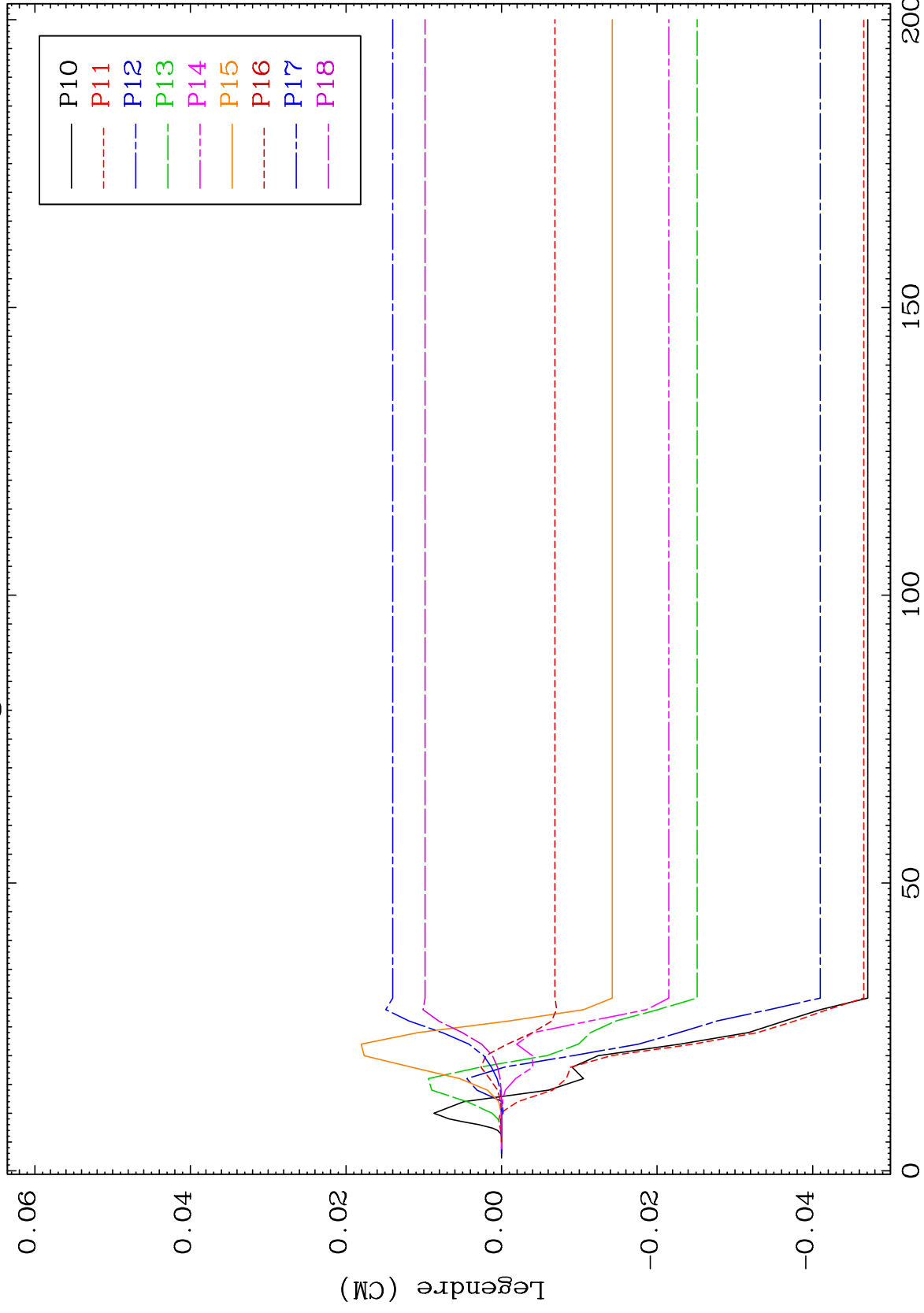
56-Ba-137



MAT 5646

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

56-Ba-137



42

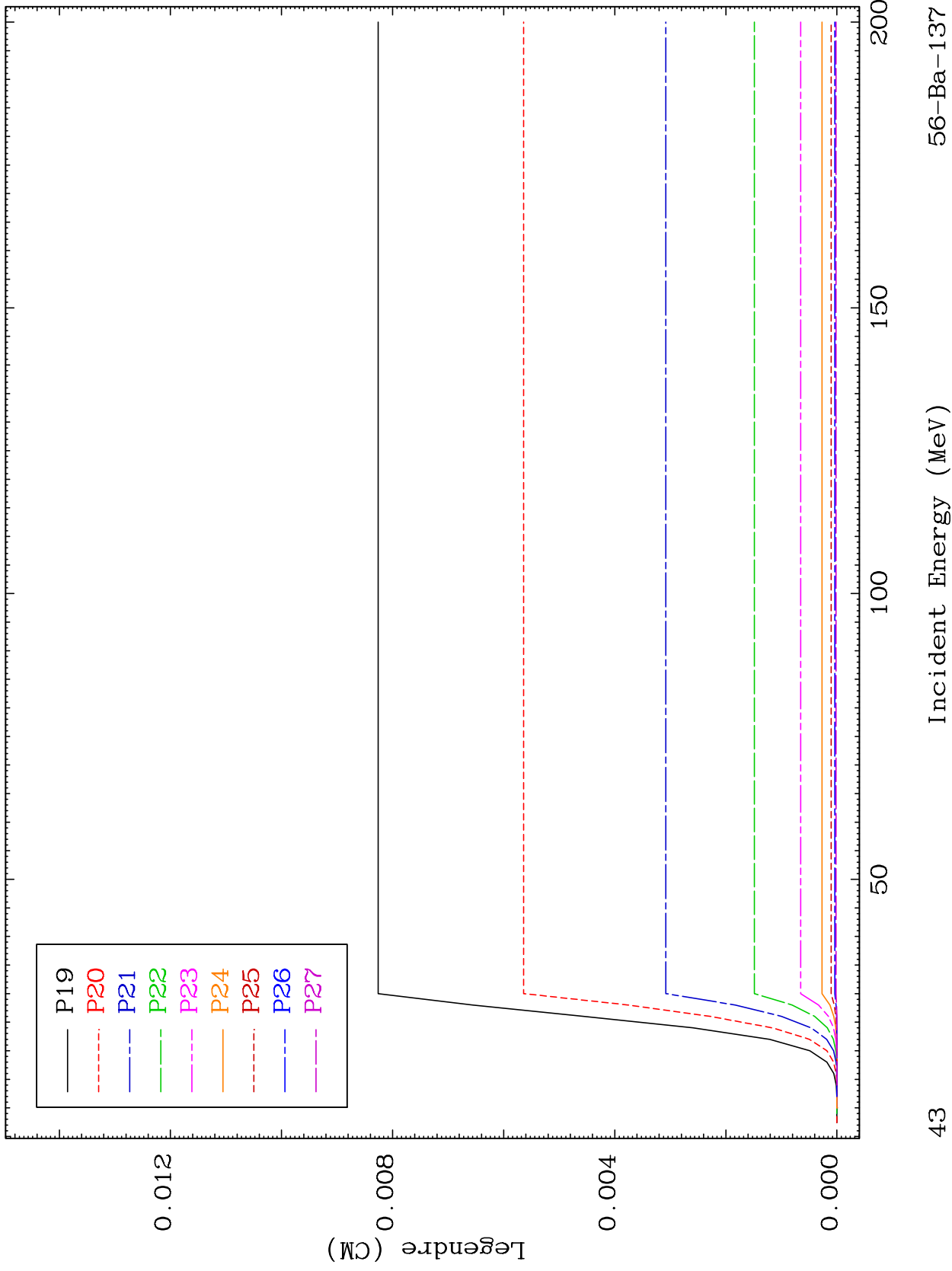
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



43

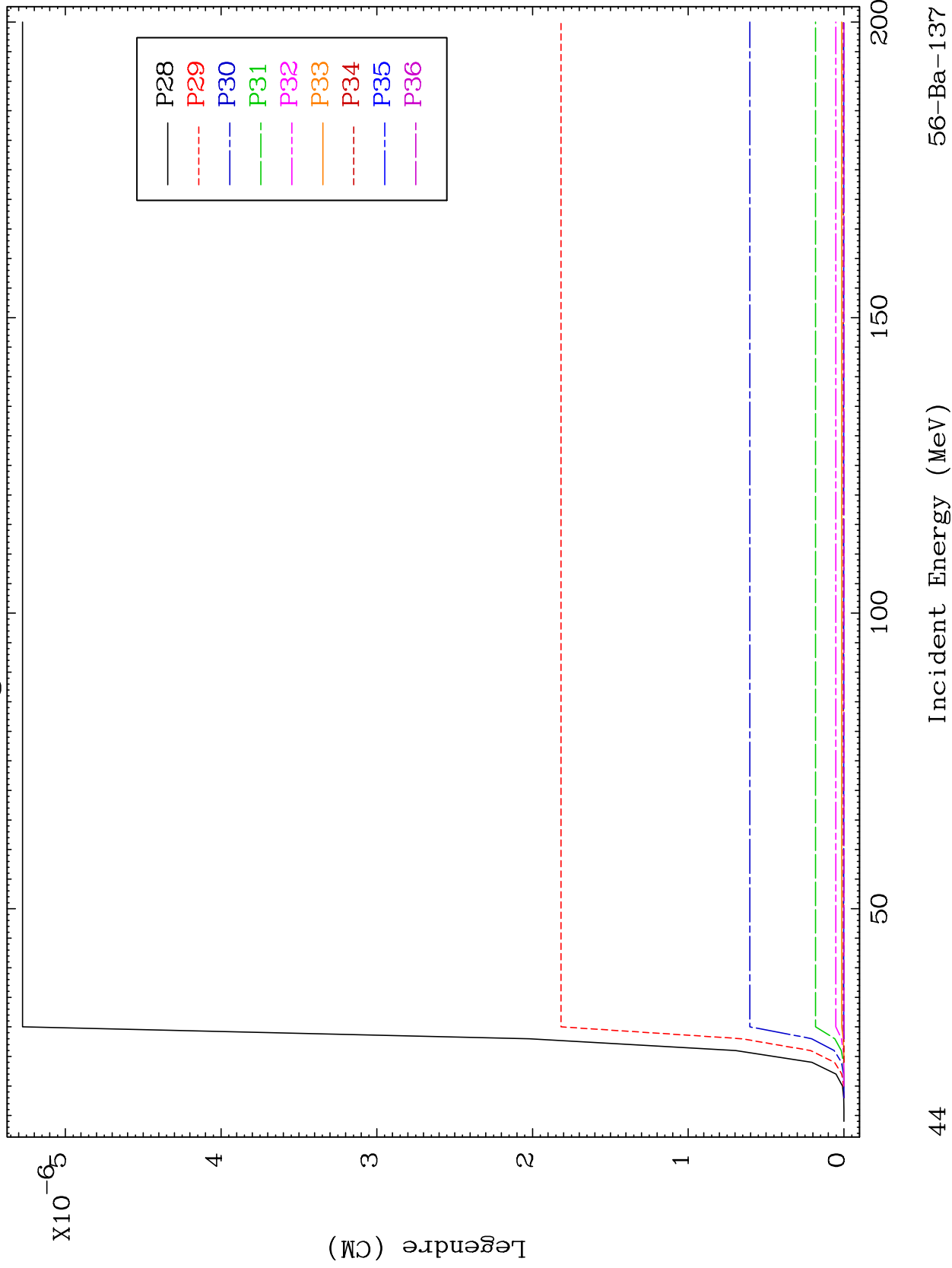
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

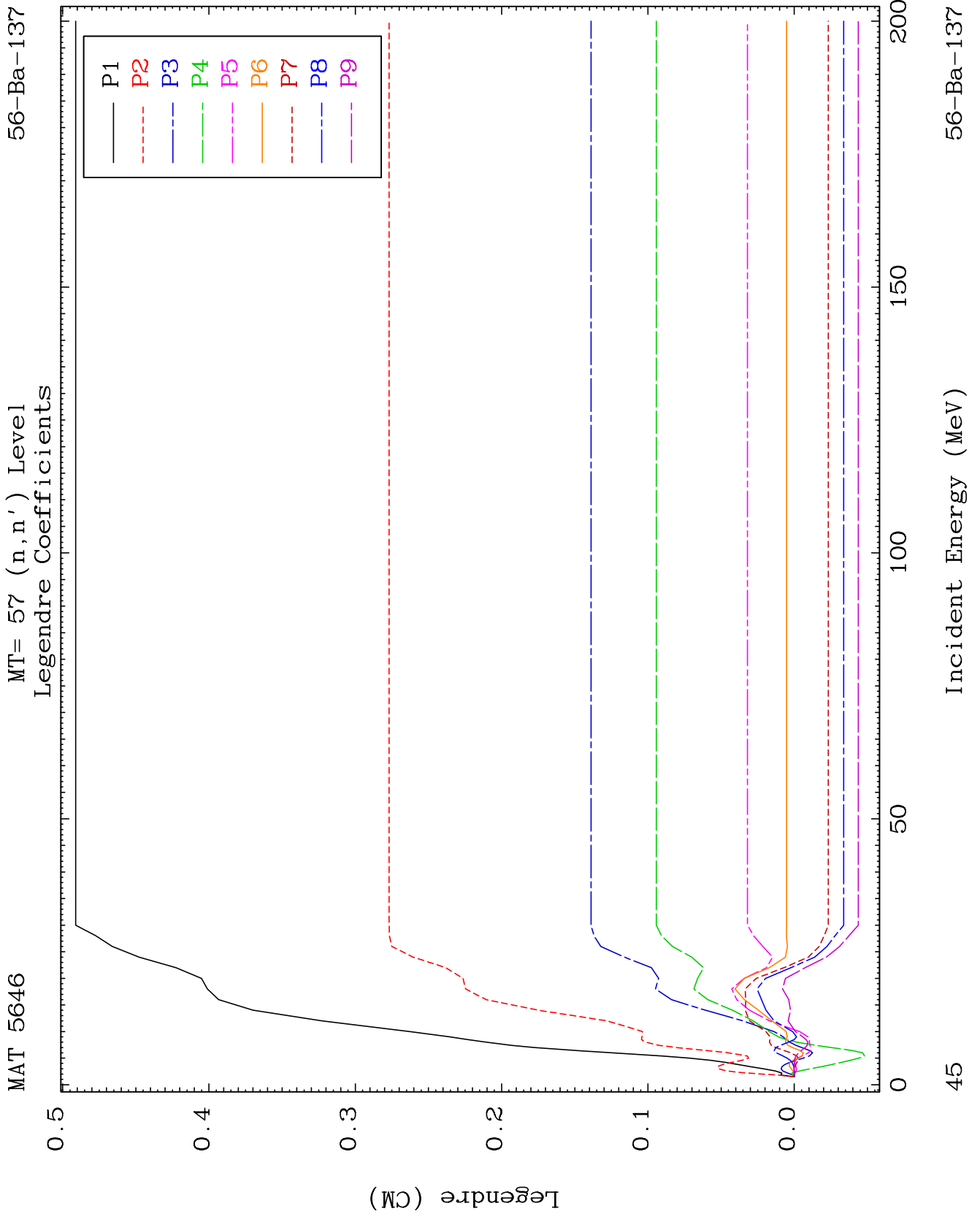
56-Ba-137



44

Incident Energy (MeV)

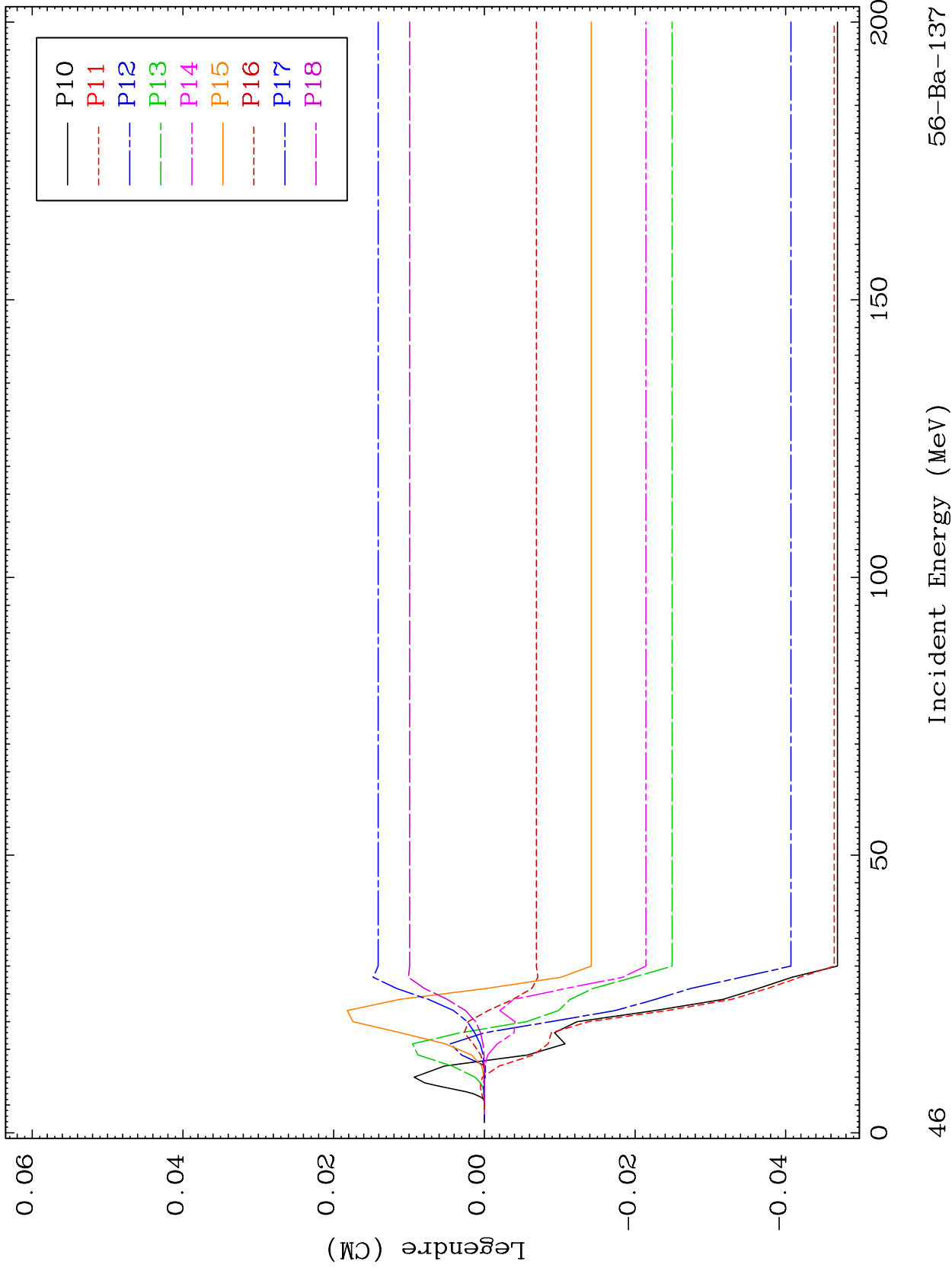
56-Ba-137



MAT 5646

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

56-Ba-137



46

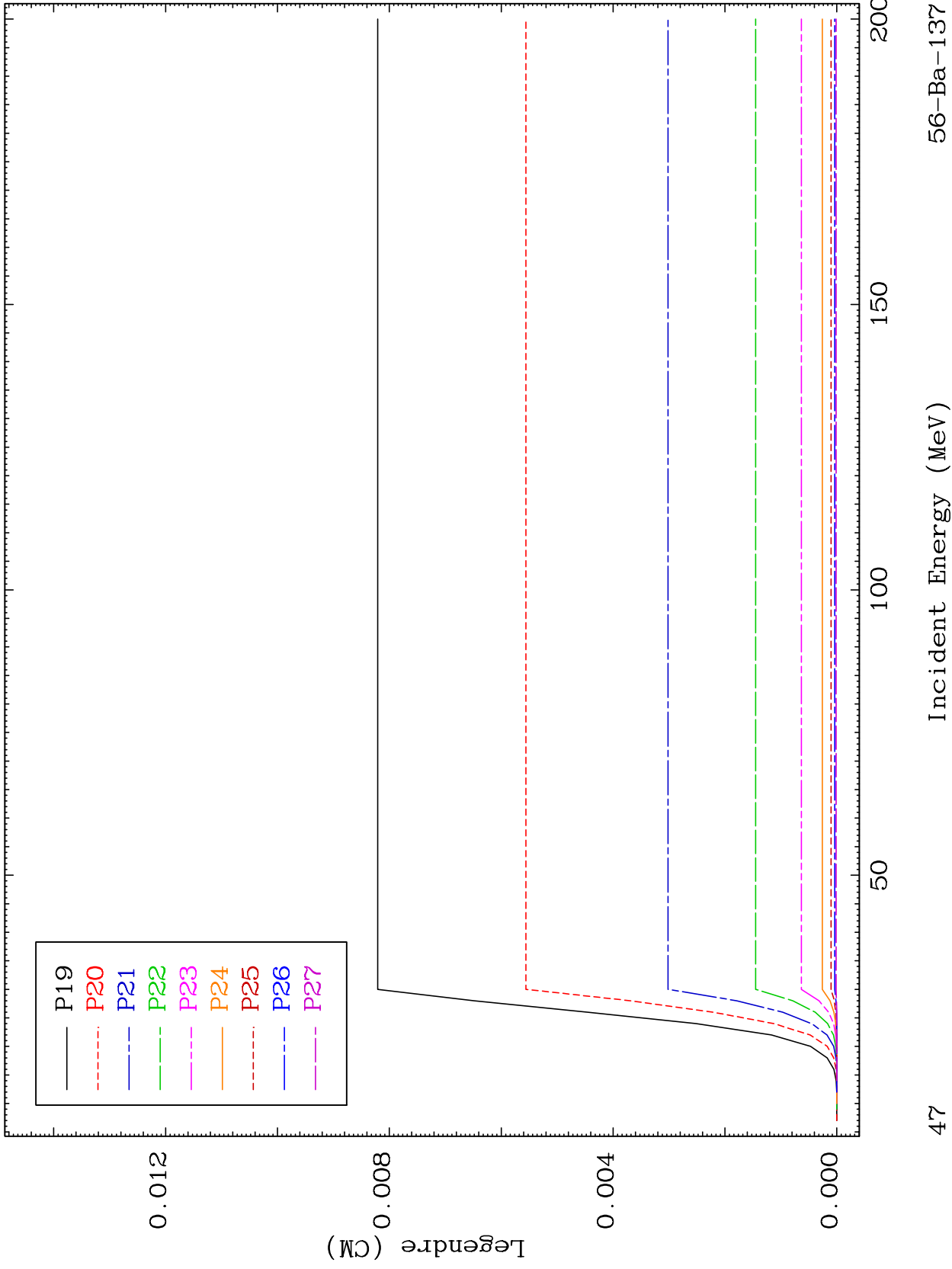
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



47

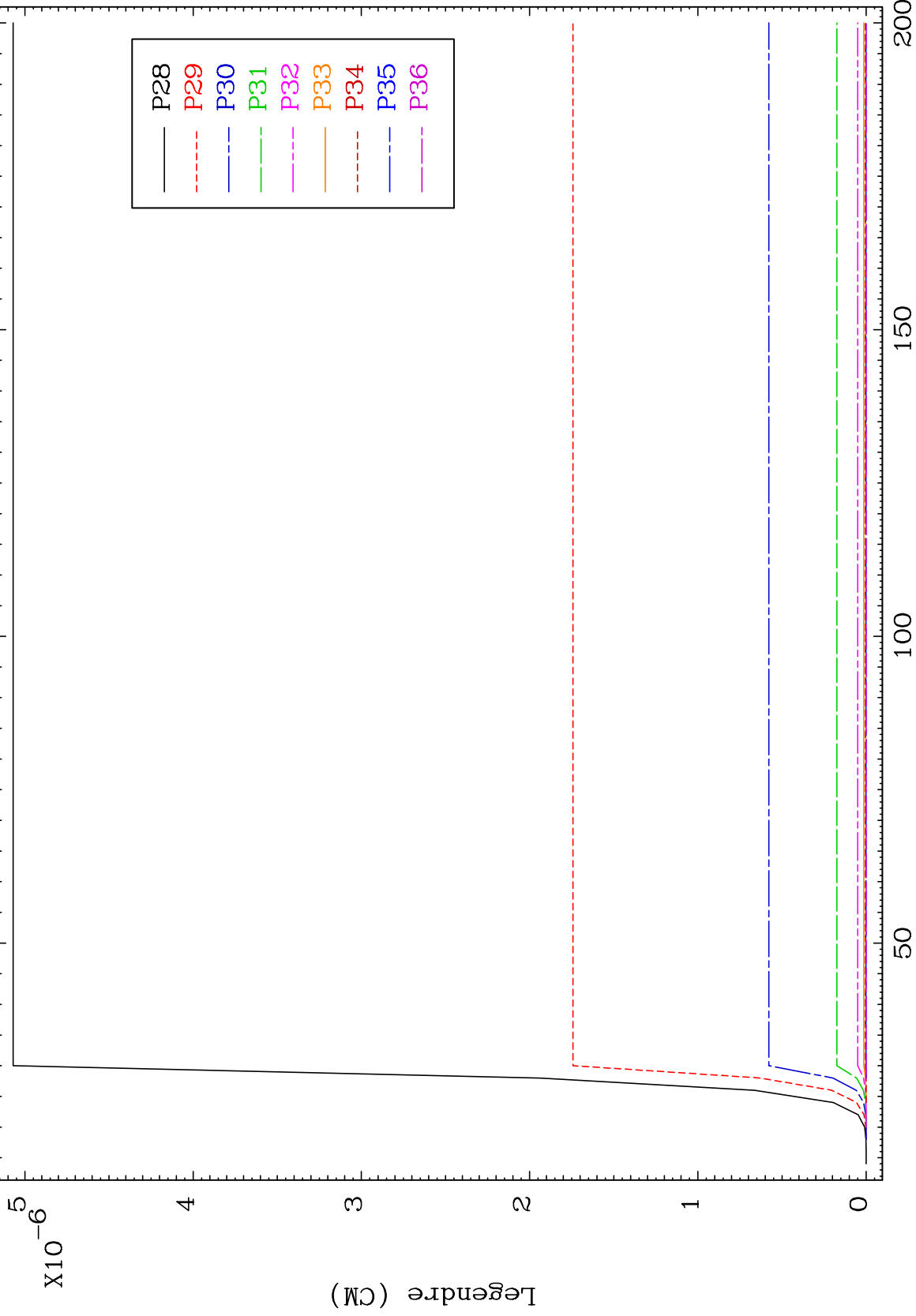
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



48

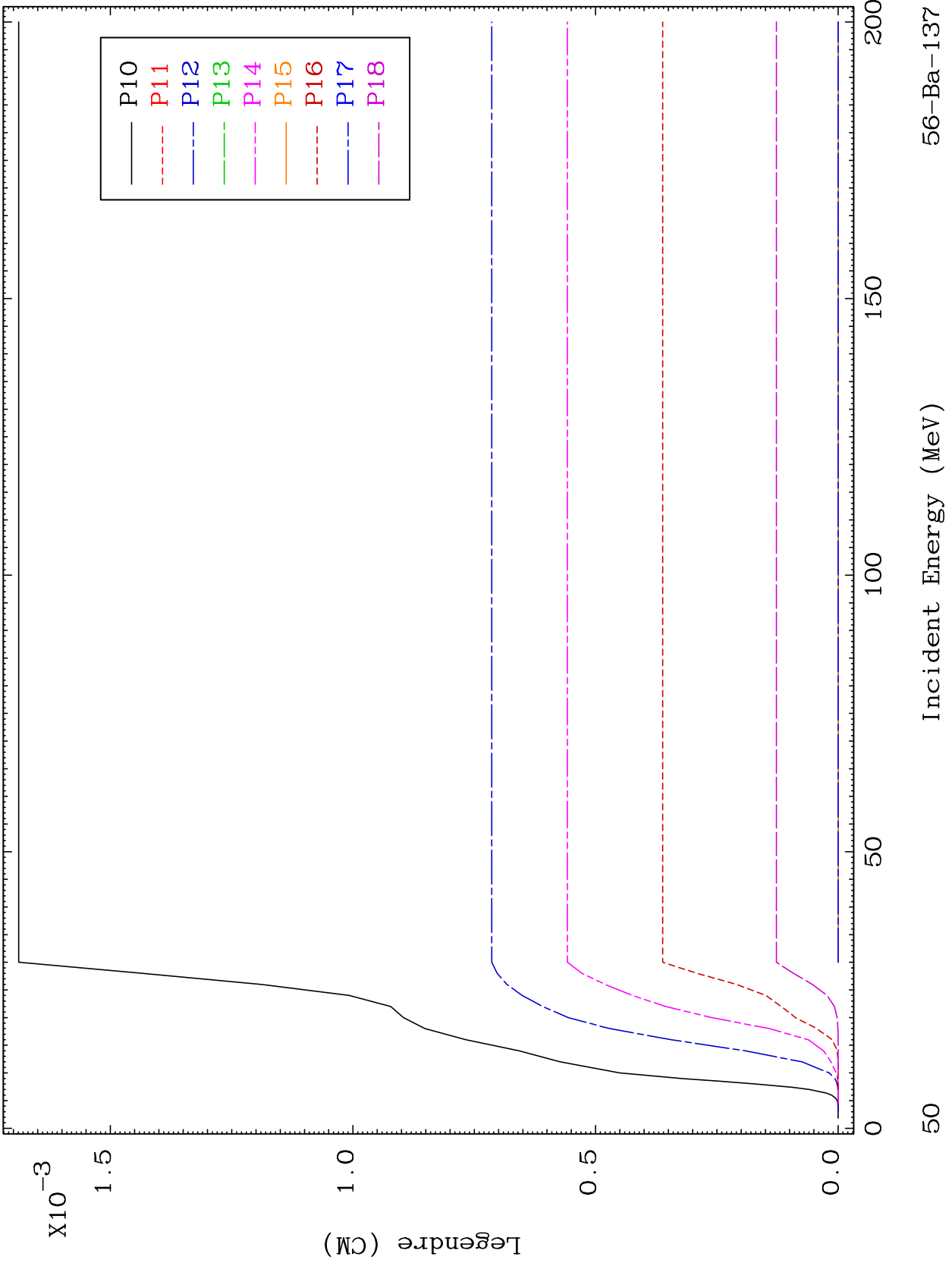
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

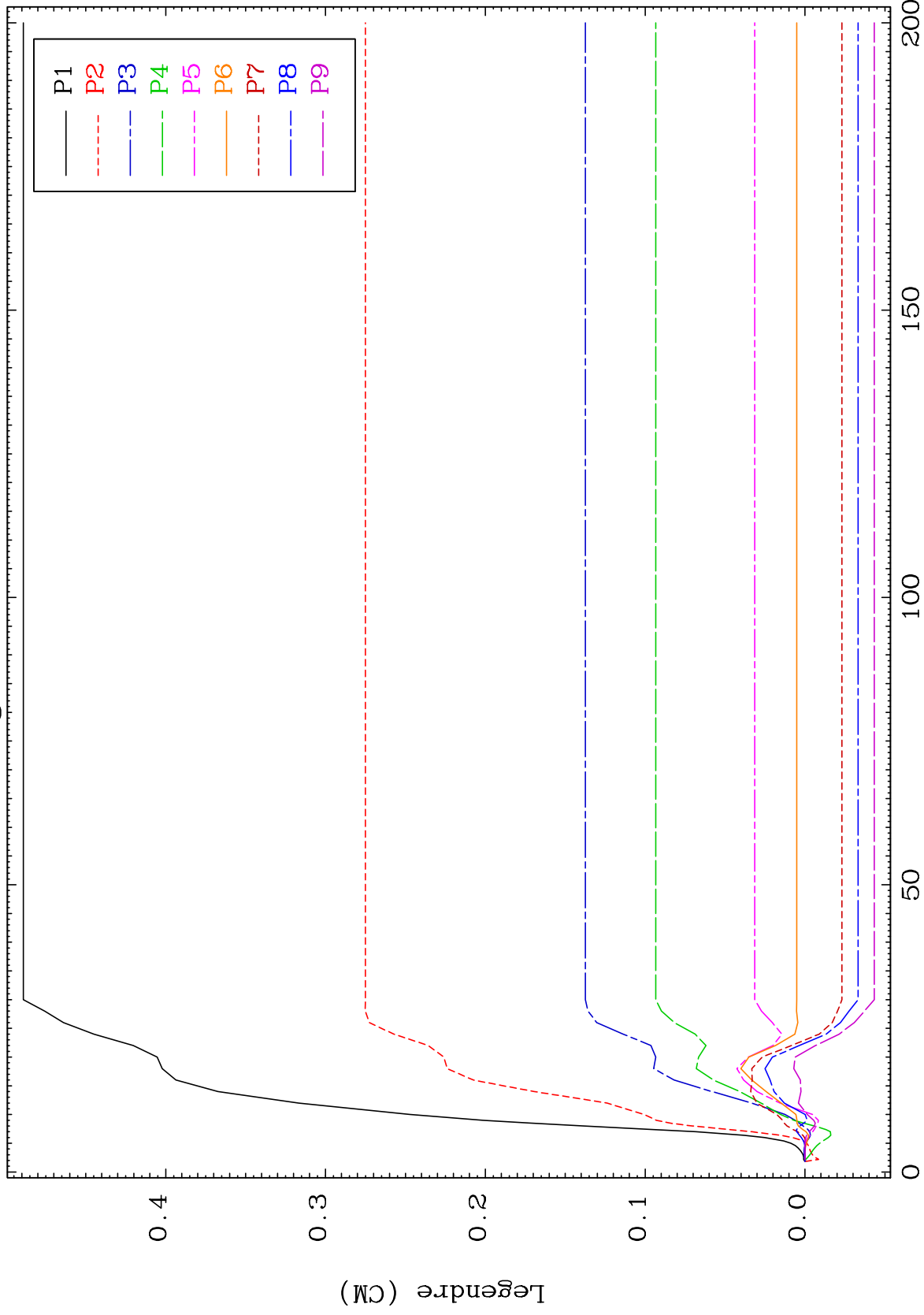
56-Ba-137



MAT 5646

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

56-Ba-137



56-Ba-137

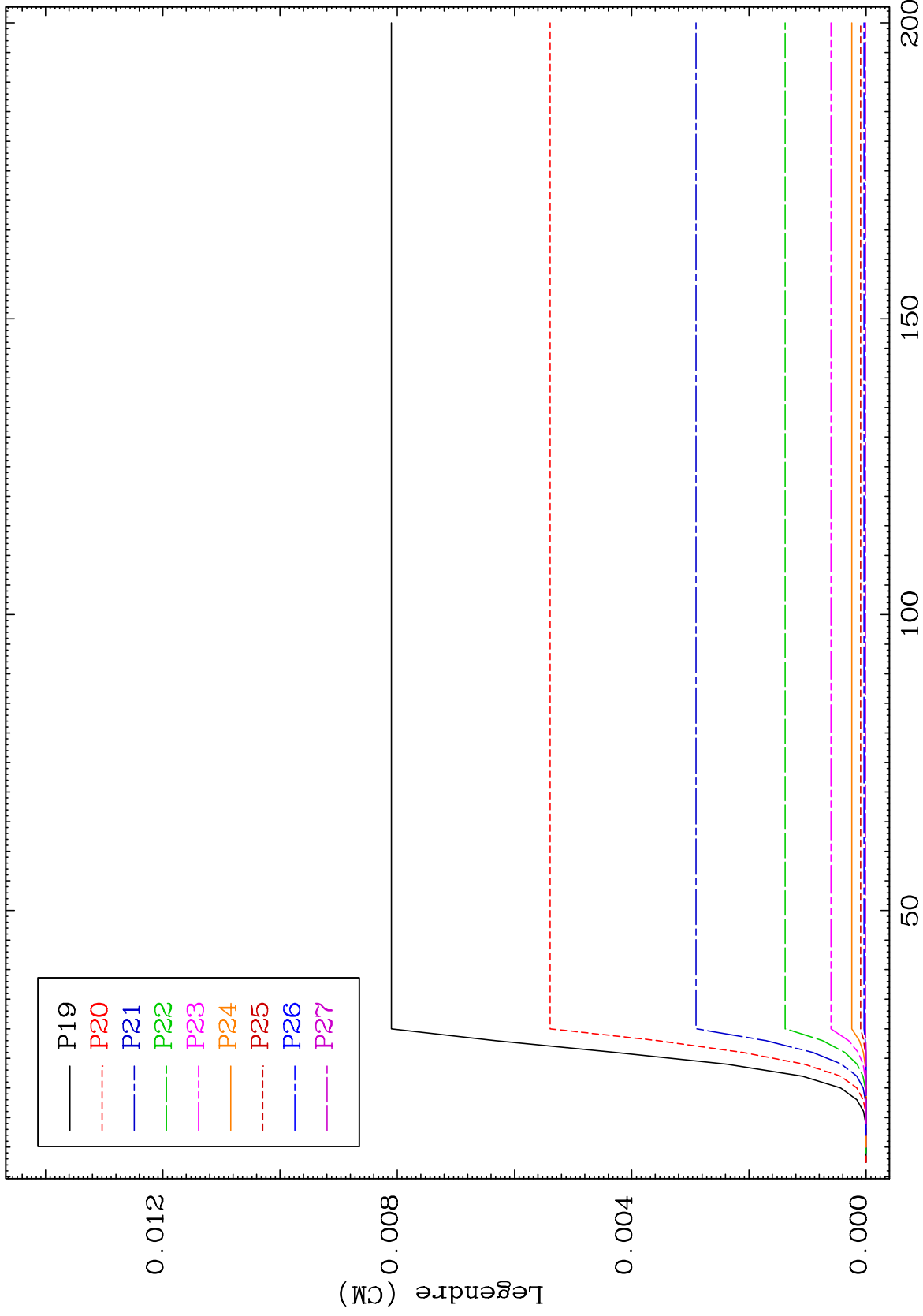
Incident Energy (MeV)

52

MAT 5646

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

56-Ba-137



56-Ba-137

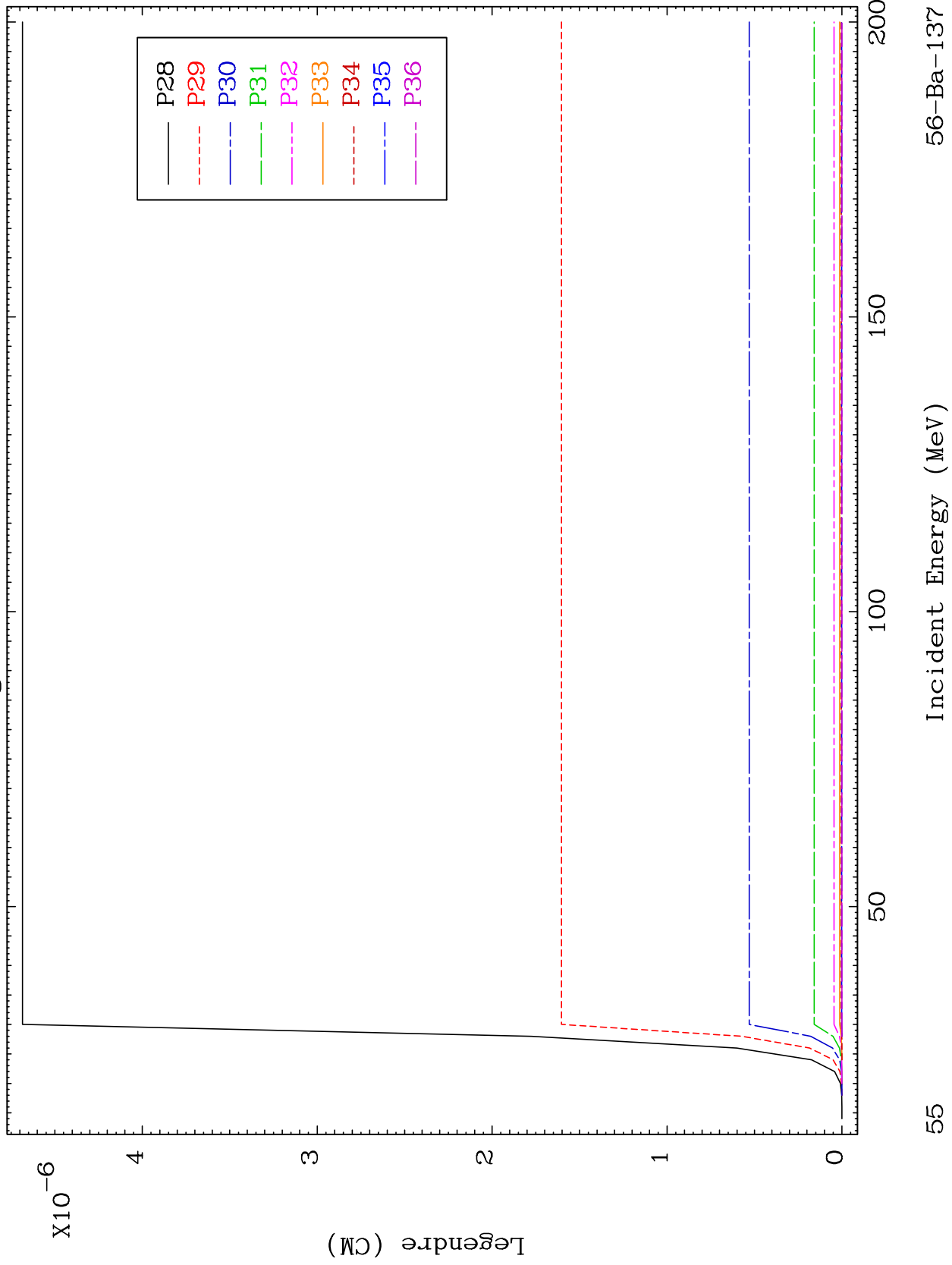
Incident Energy (MeV)

54

MAT 5646

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

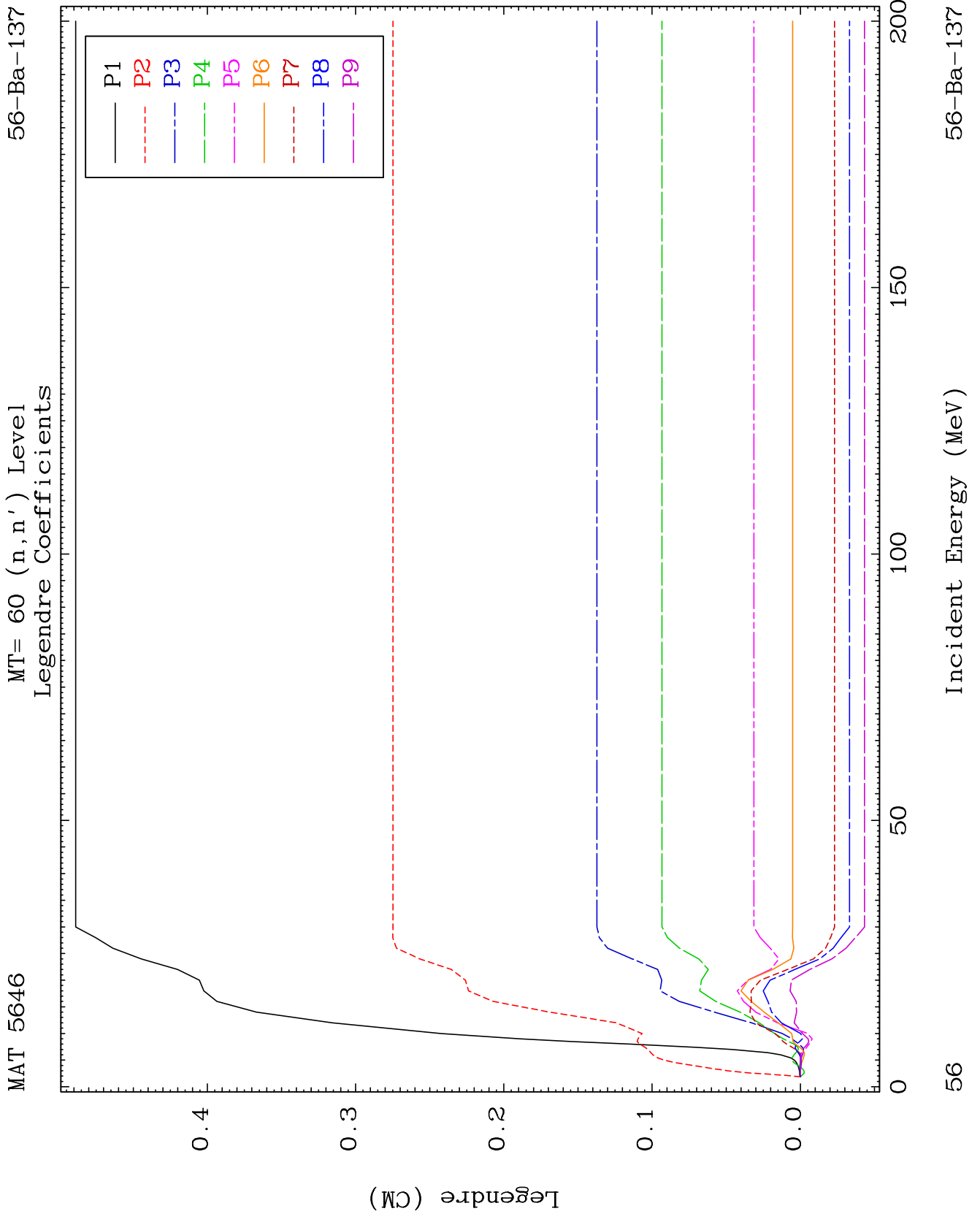
56-Ba-137



55

Incident Energy (MeV)

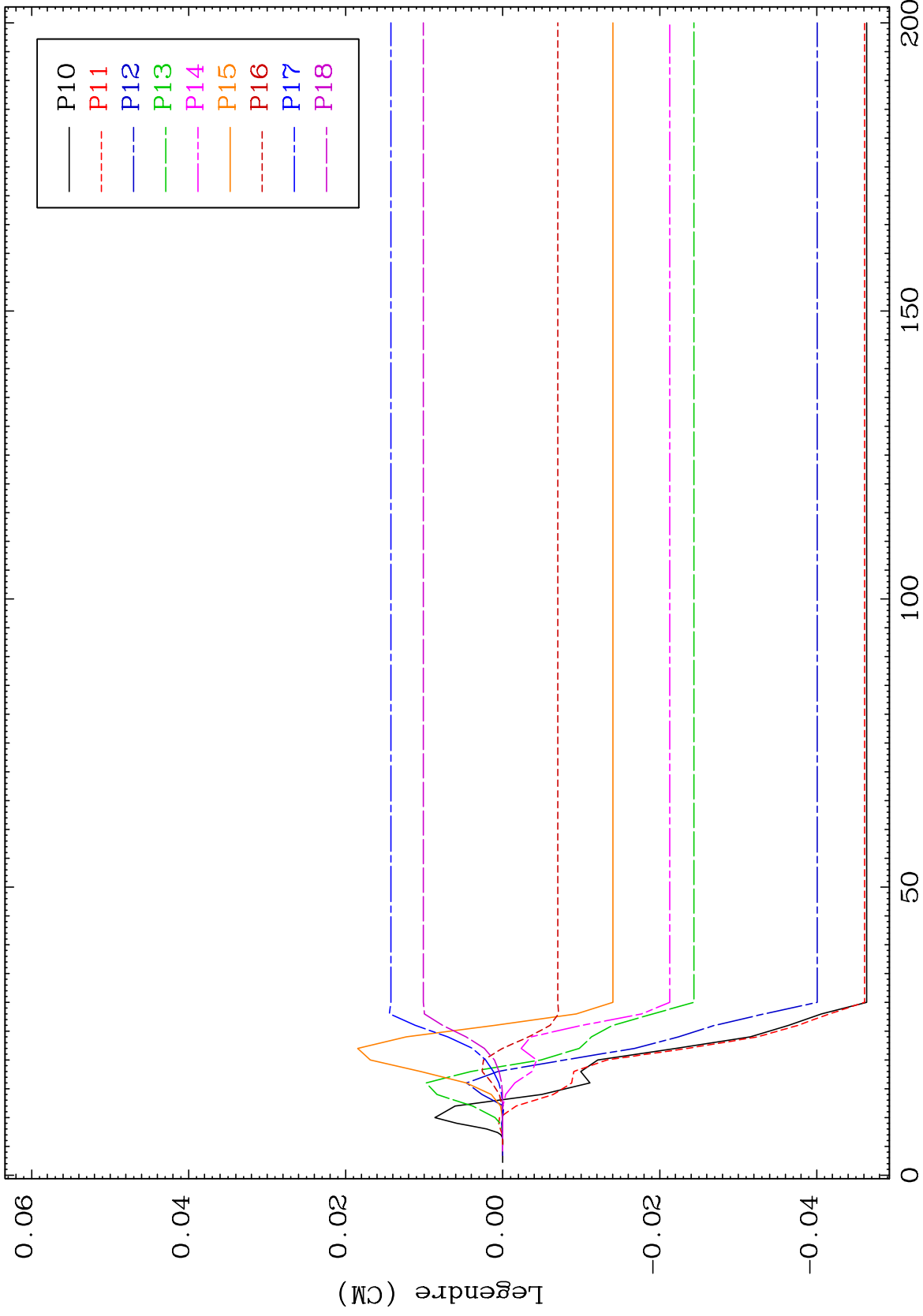
56-Ba-137



MAT 5646

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

56-Ba-137



57

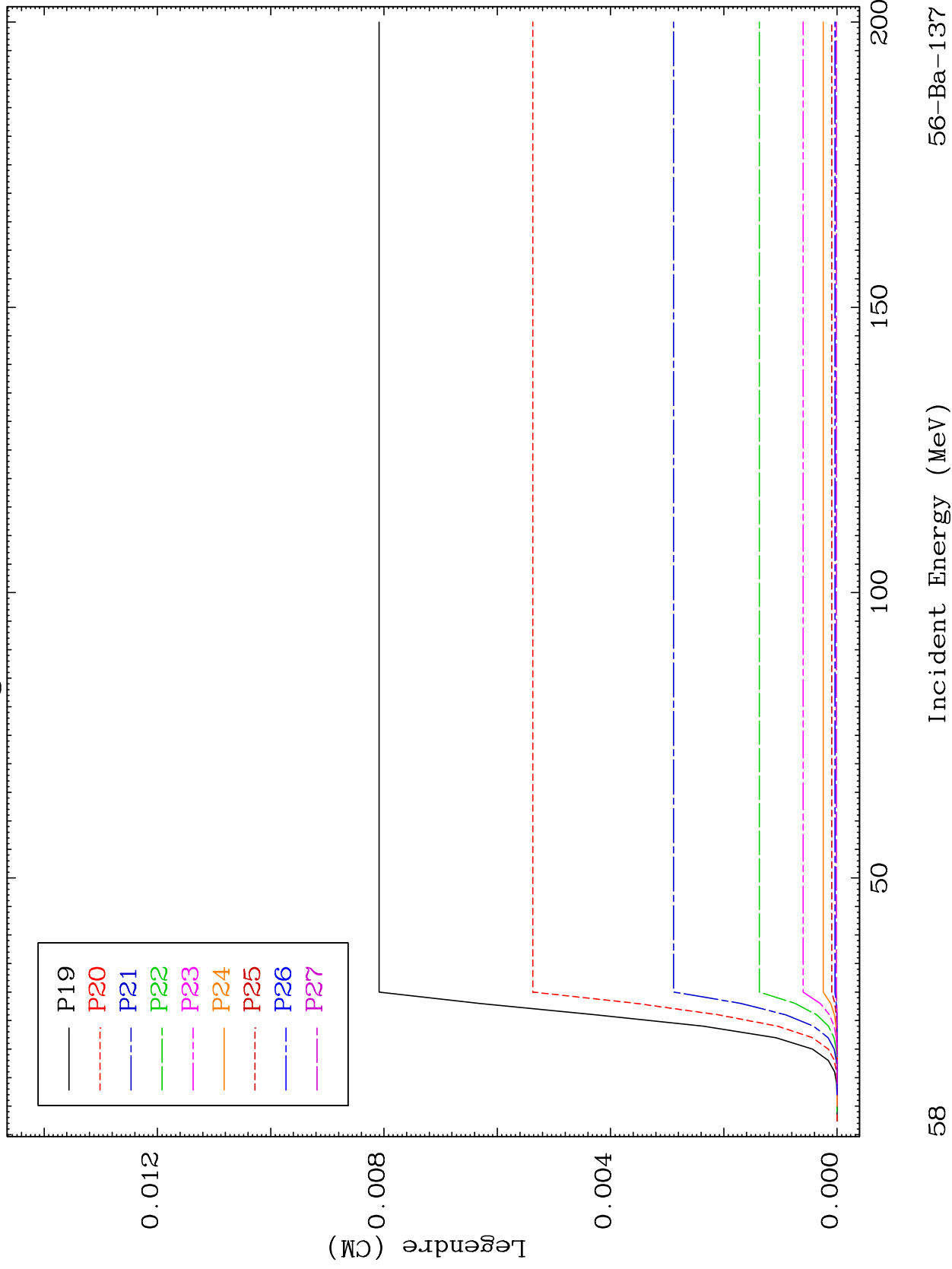
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



58

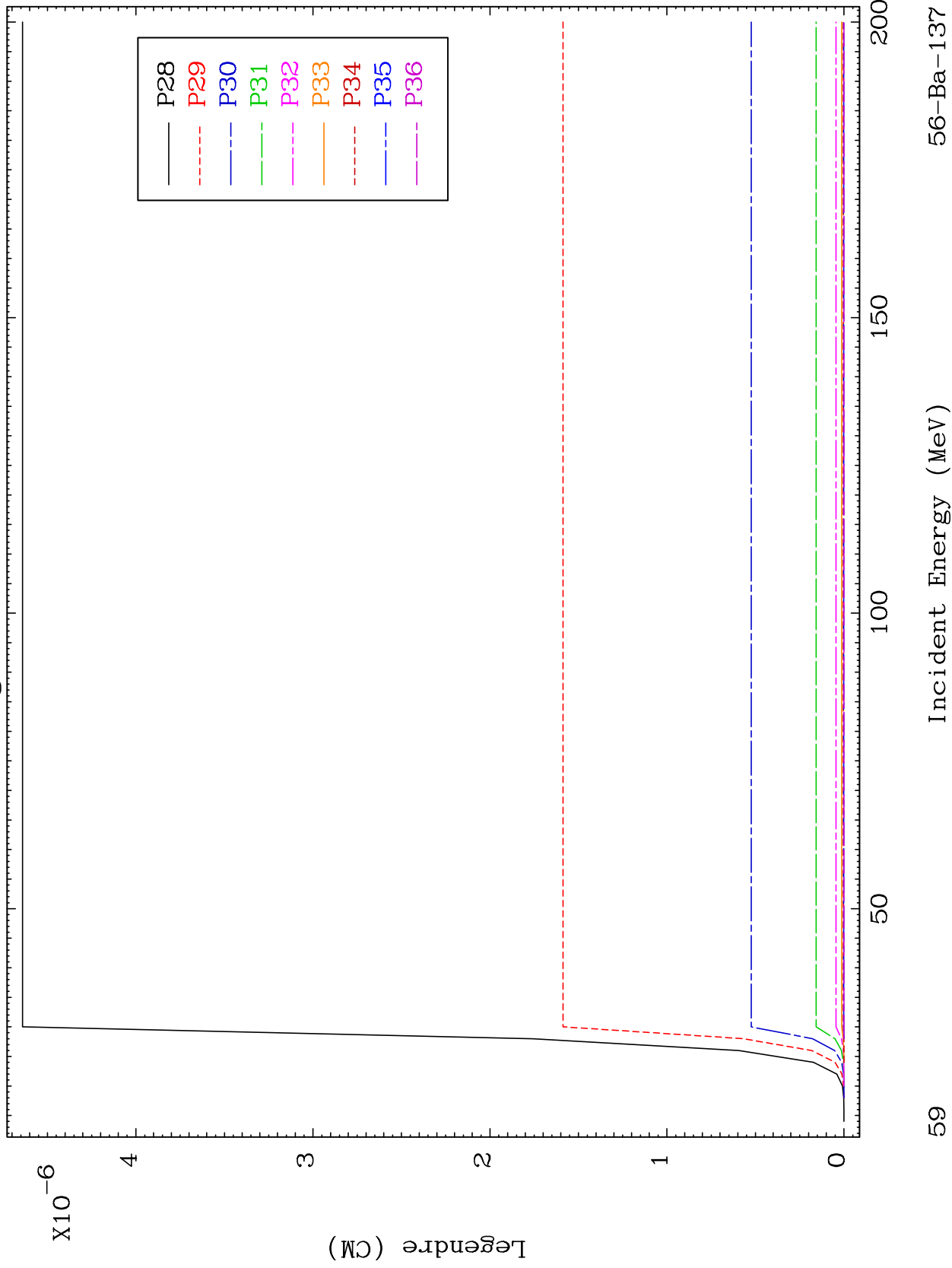
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



59

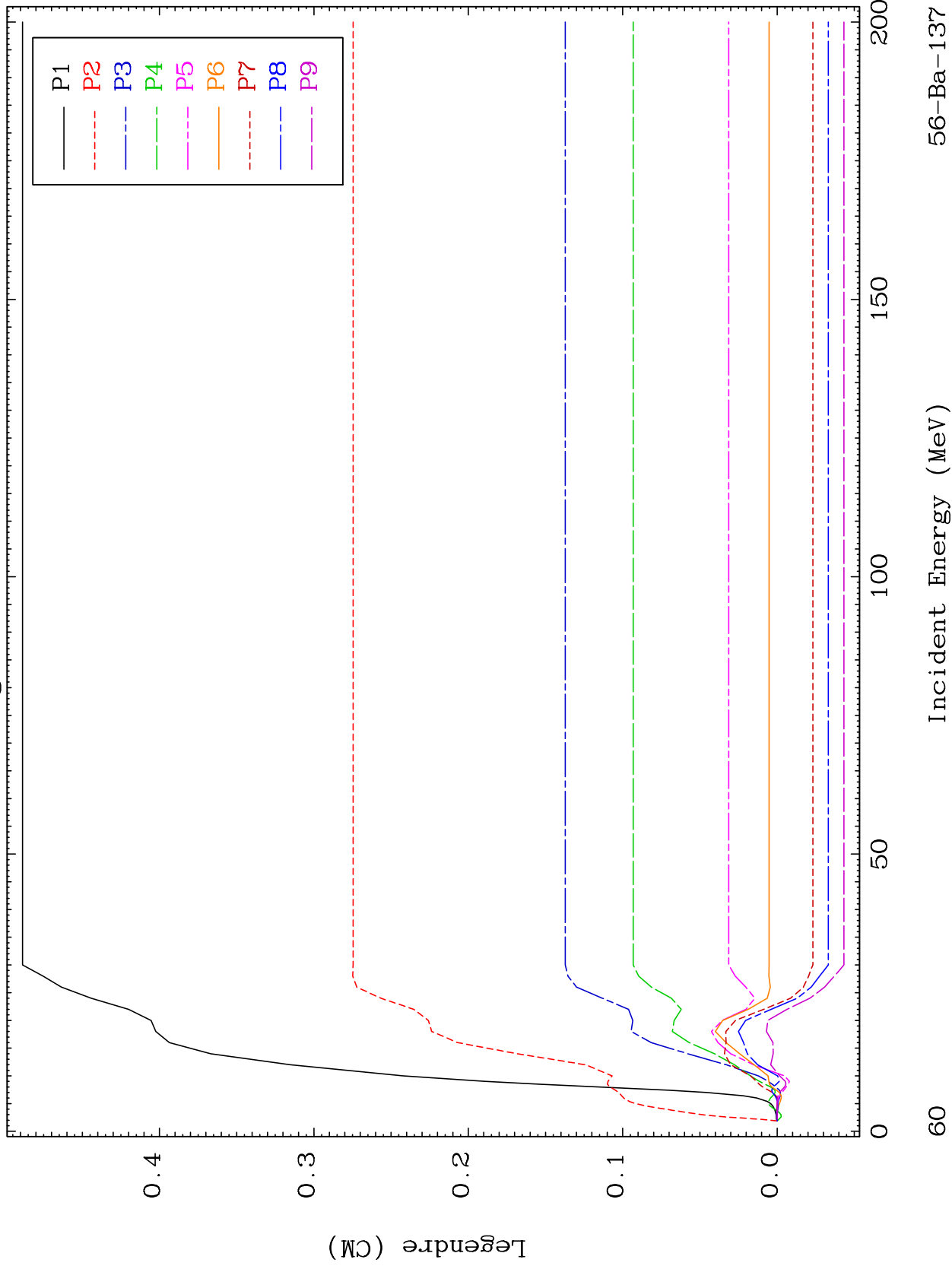
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



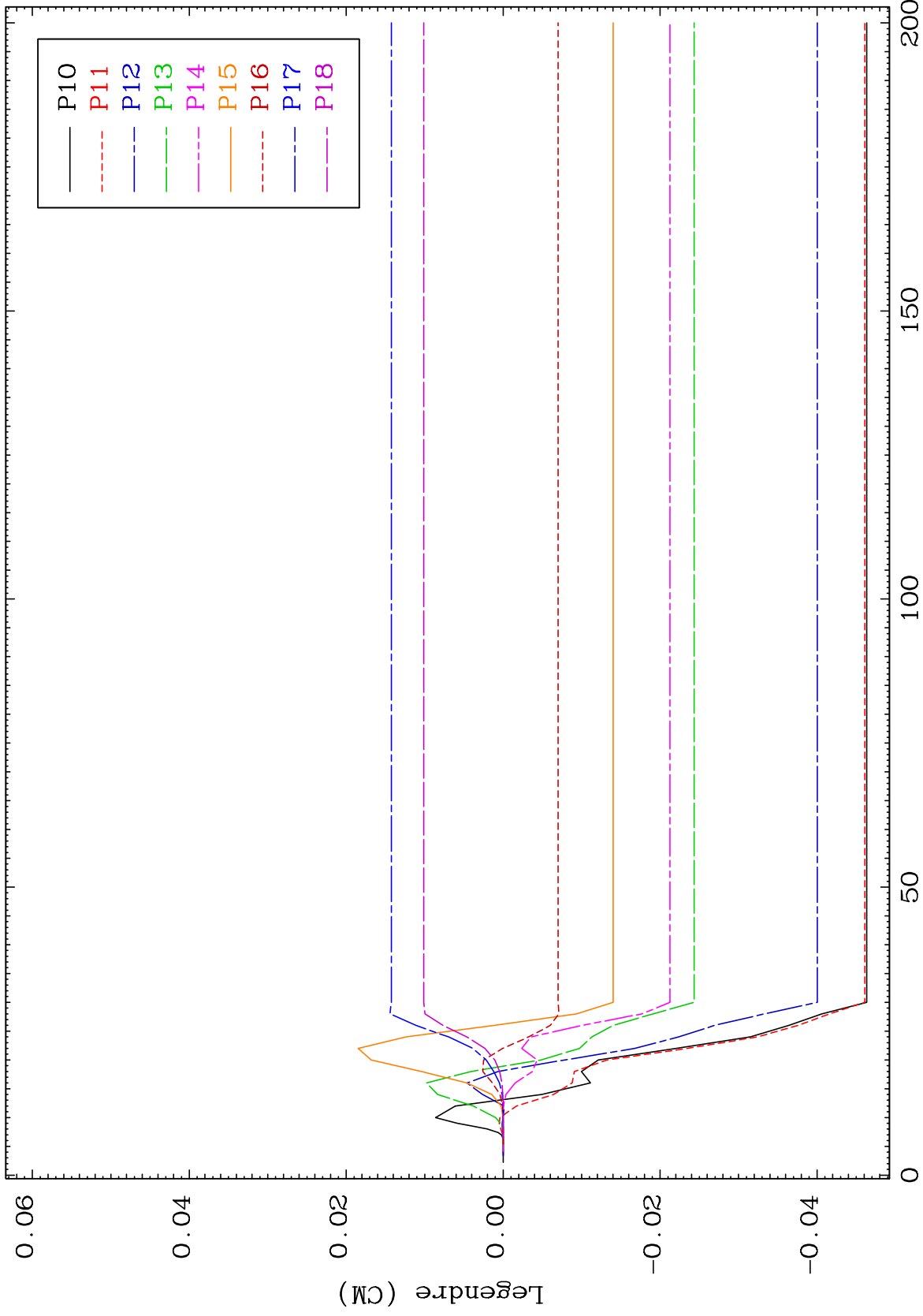
56-Ba-137

Incident Energy (MeV)

MAT 5646

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

56-Ba-137



61

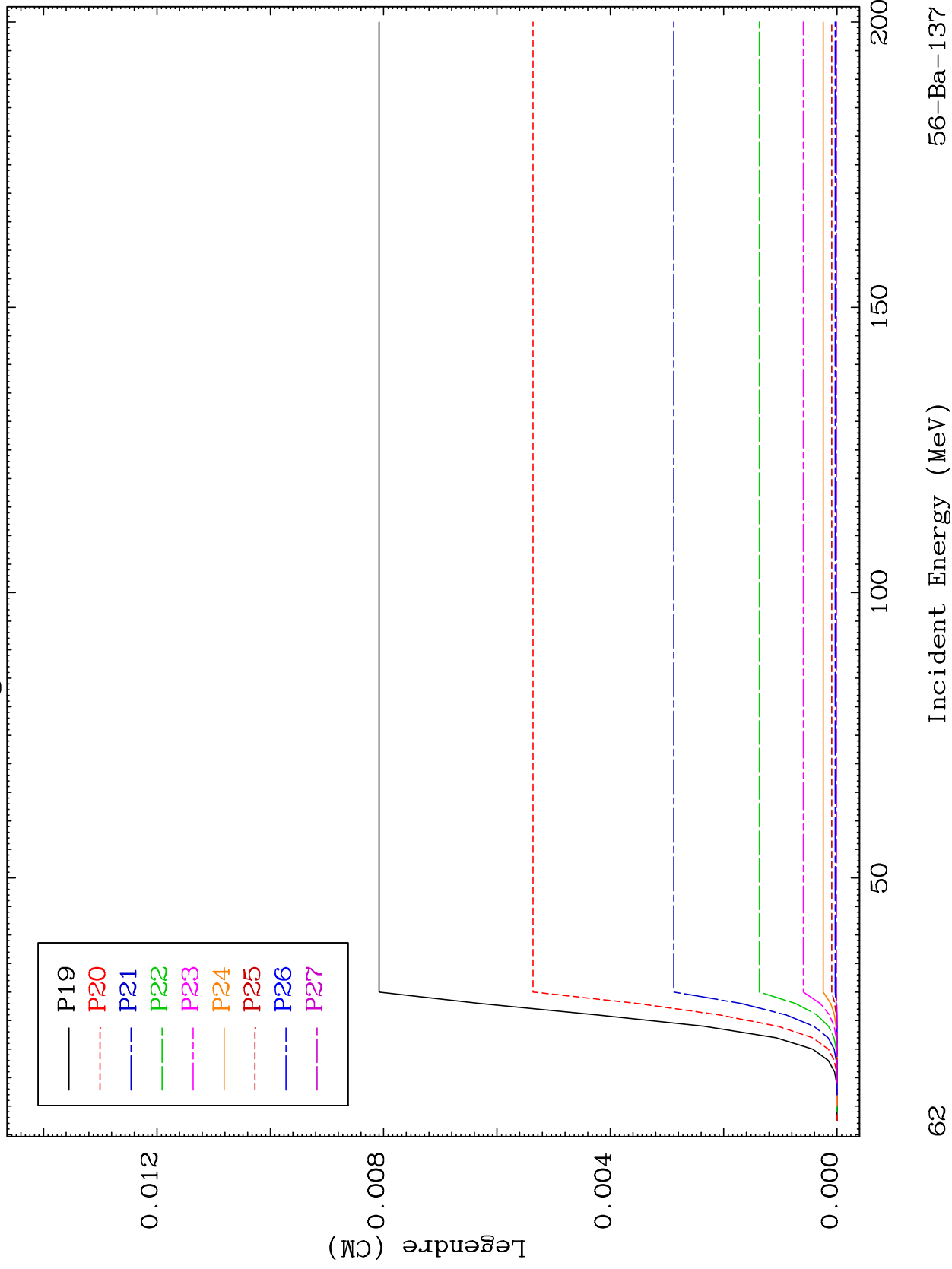
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



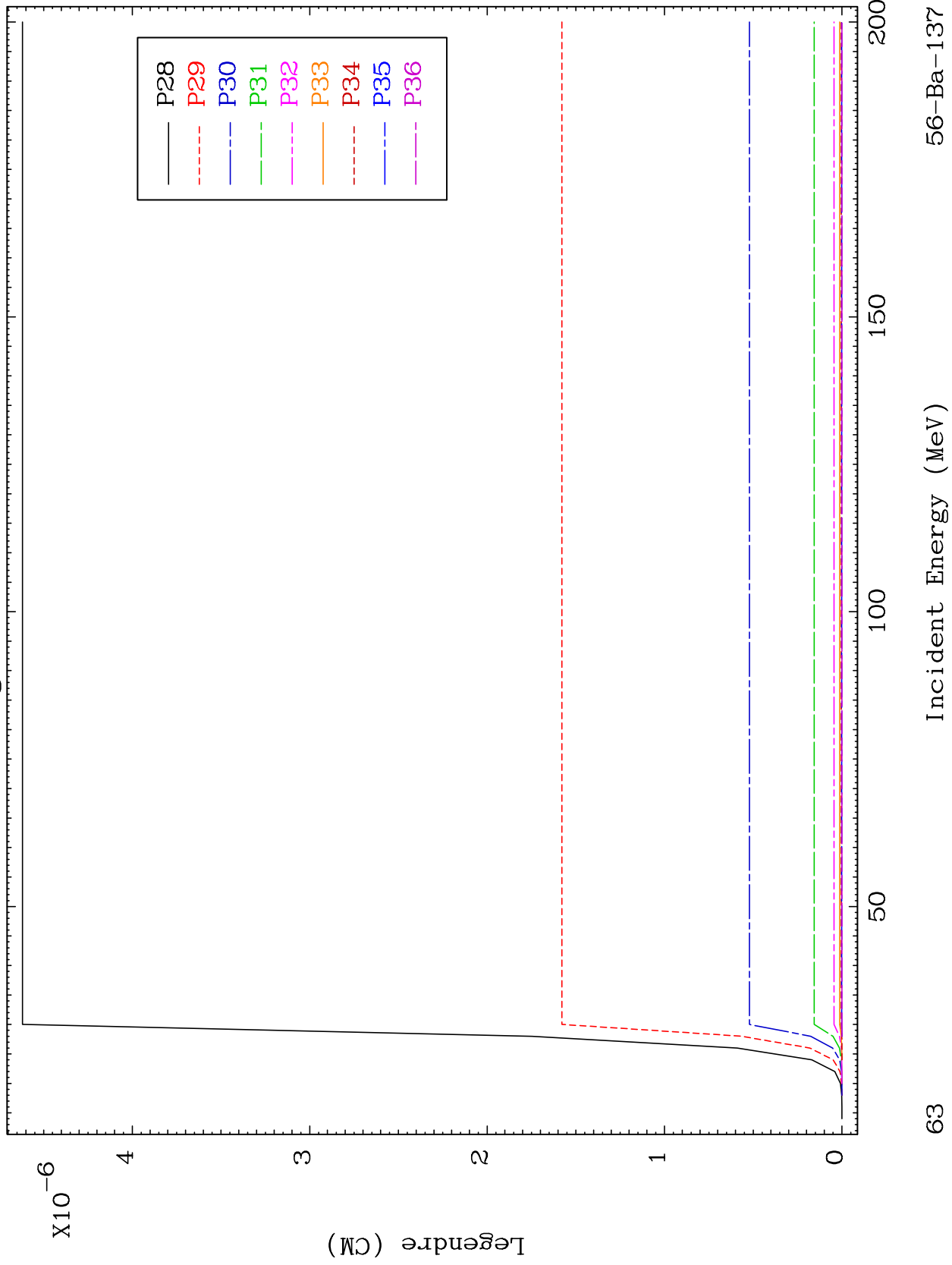
62

56-Ba-137

MAT 5646

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

56-Ba-137



63

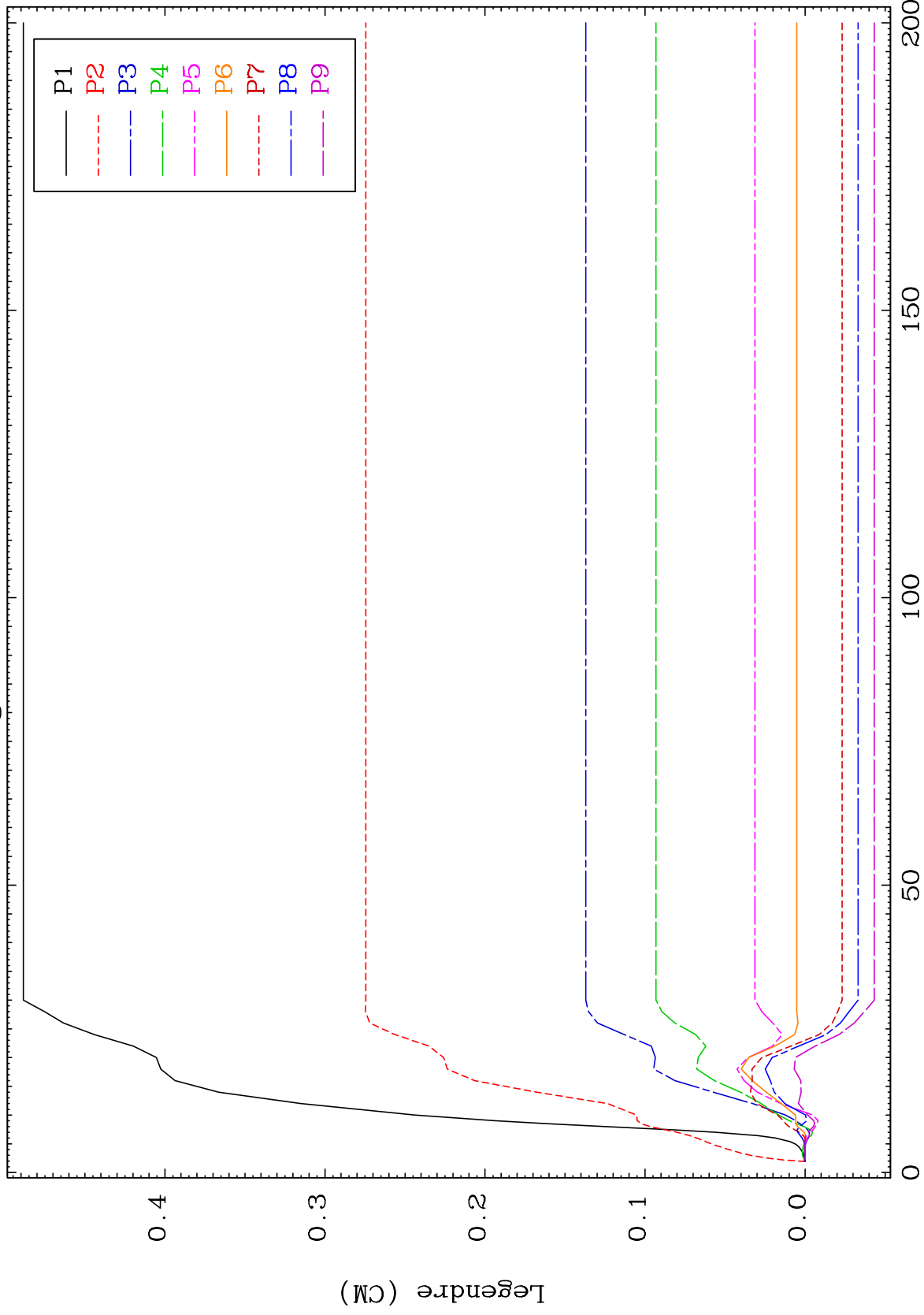
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



64

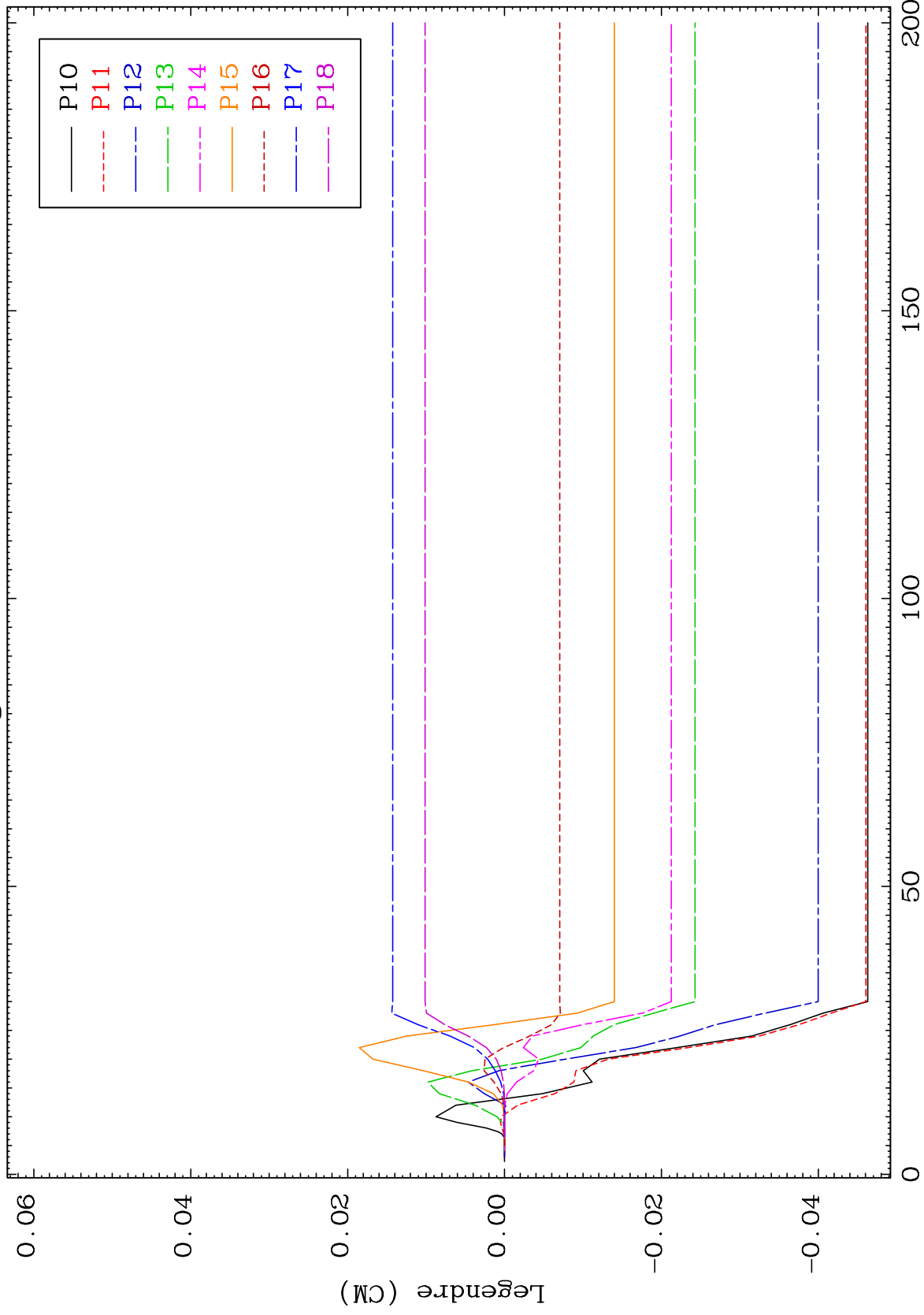
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



65

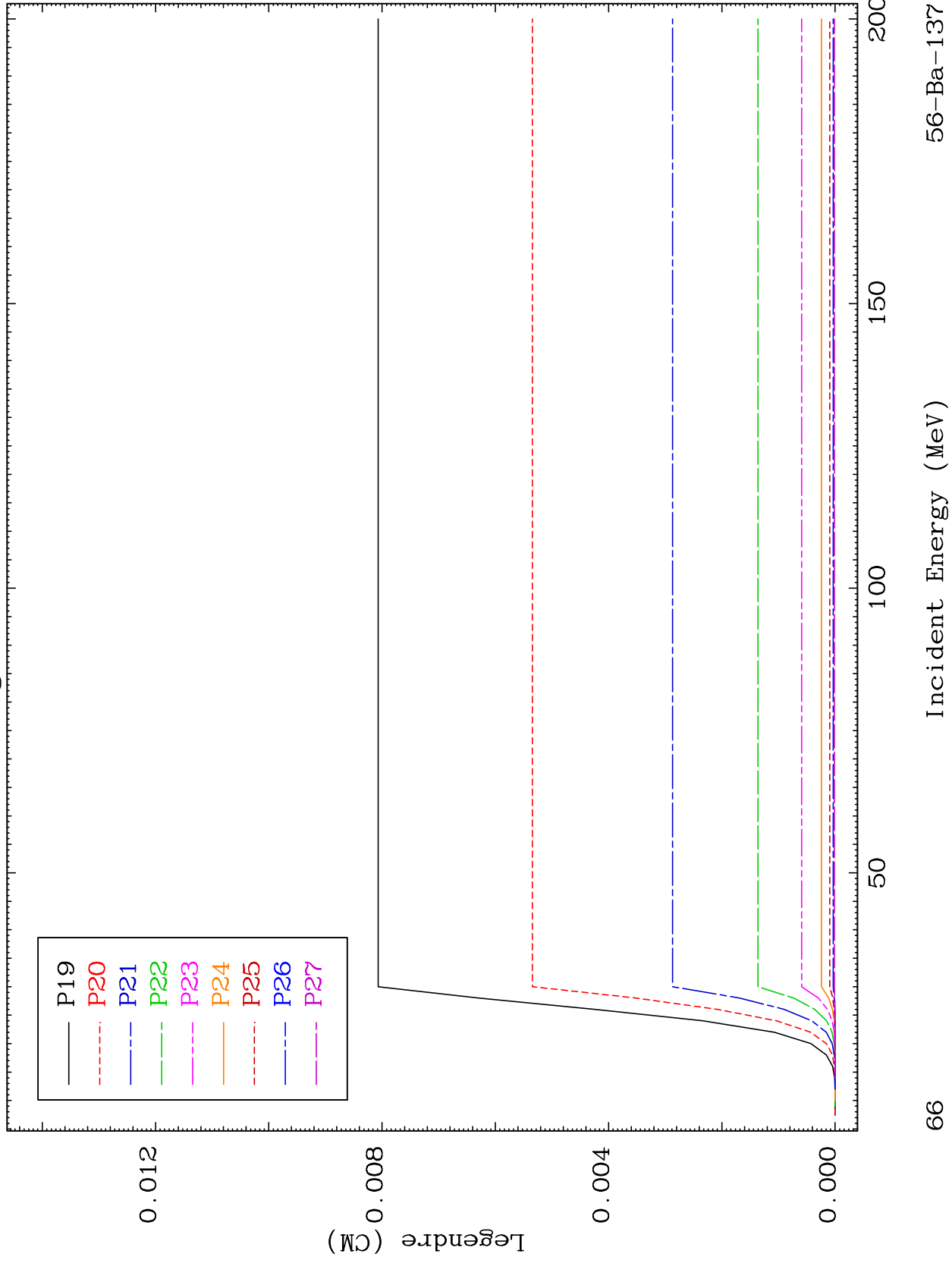
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



66

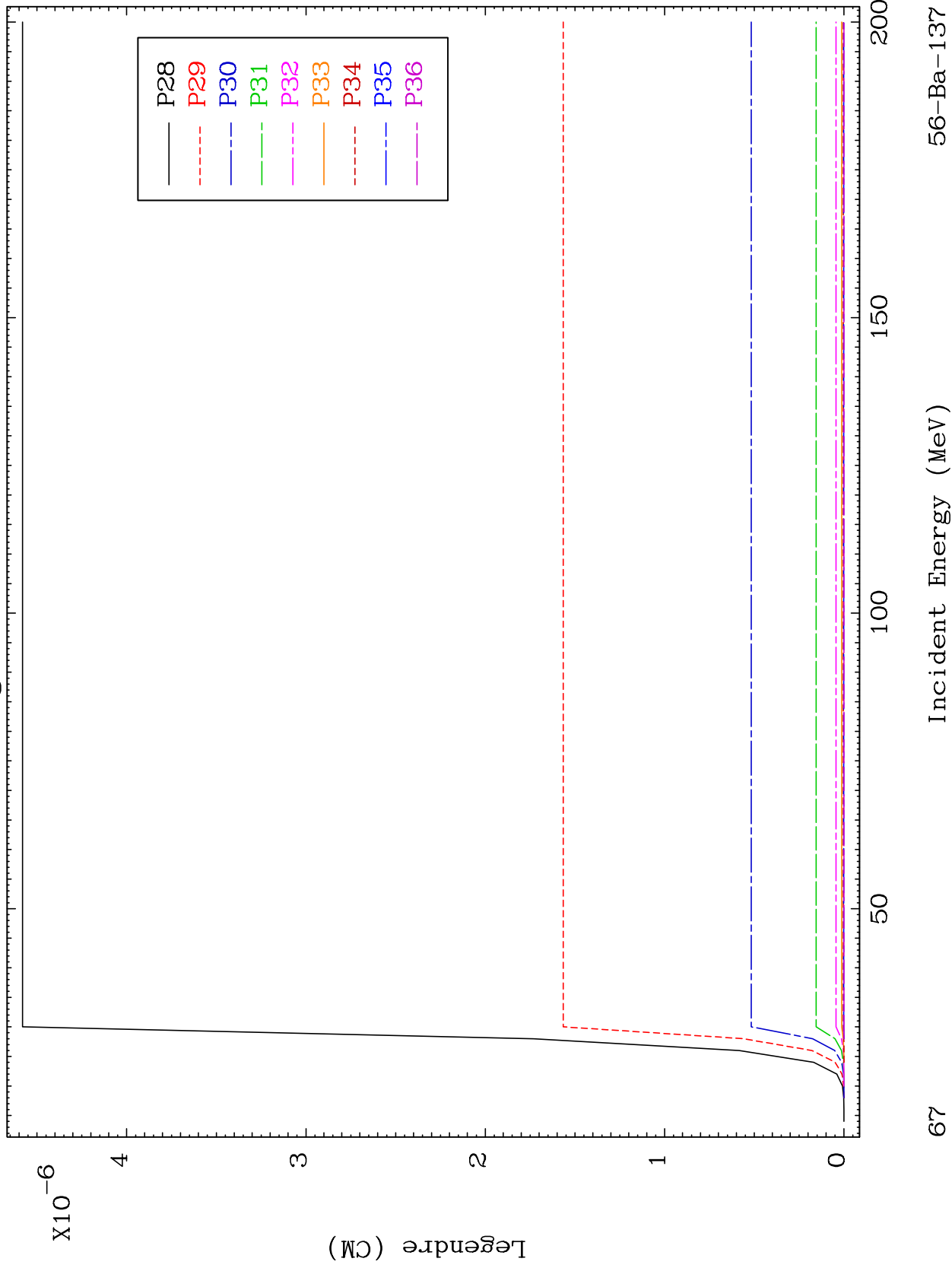
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

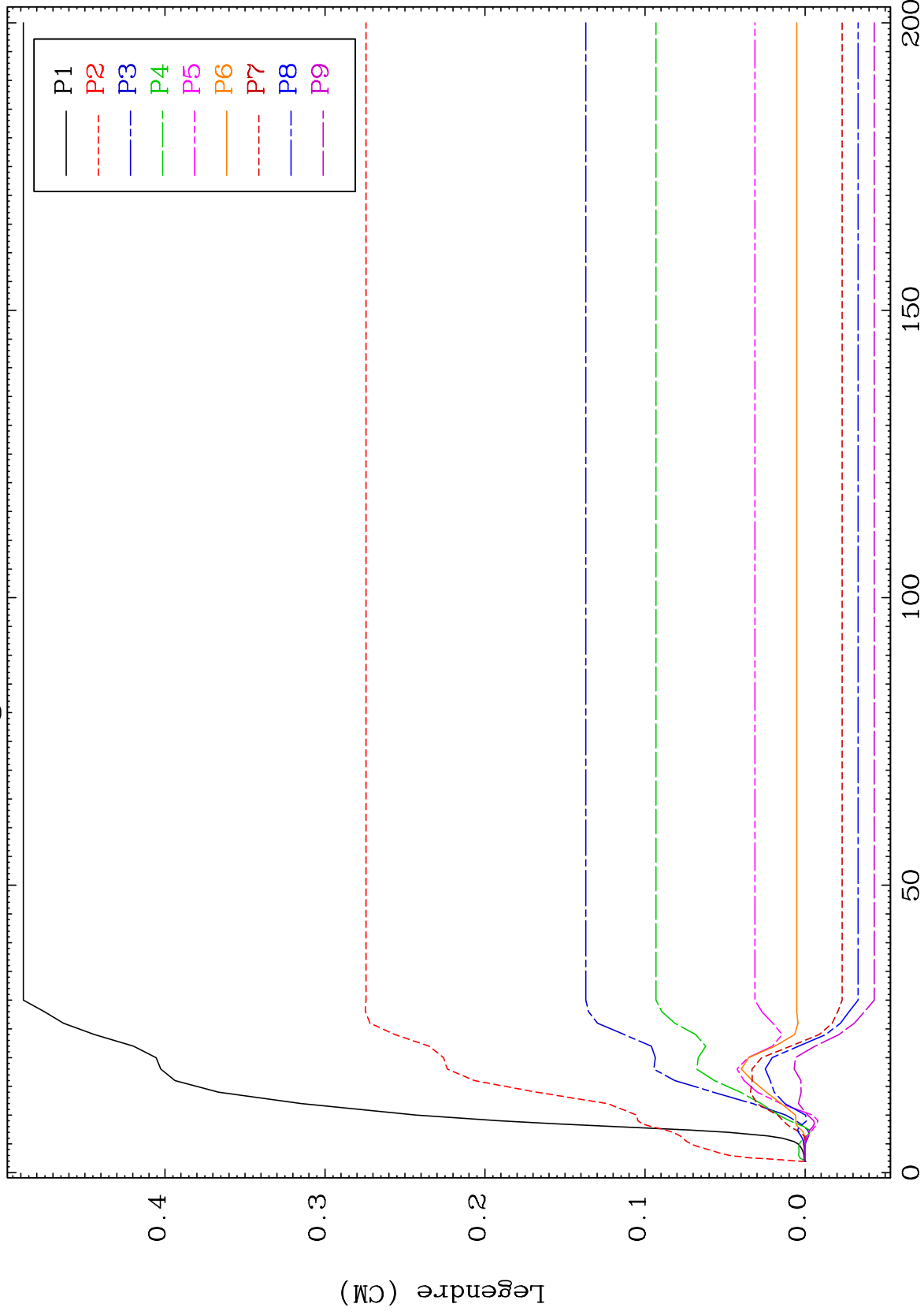
56-Ba-137



MAT 5646

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

56-Ba-137



68

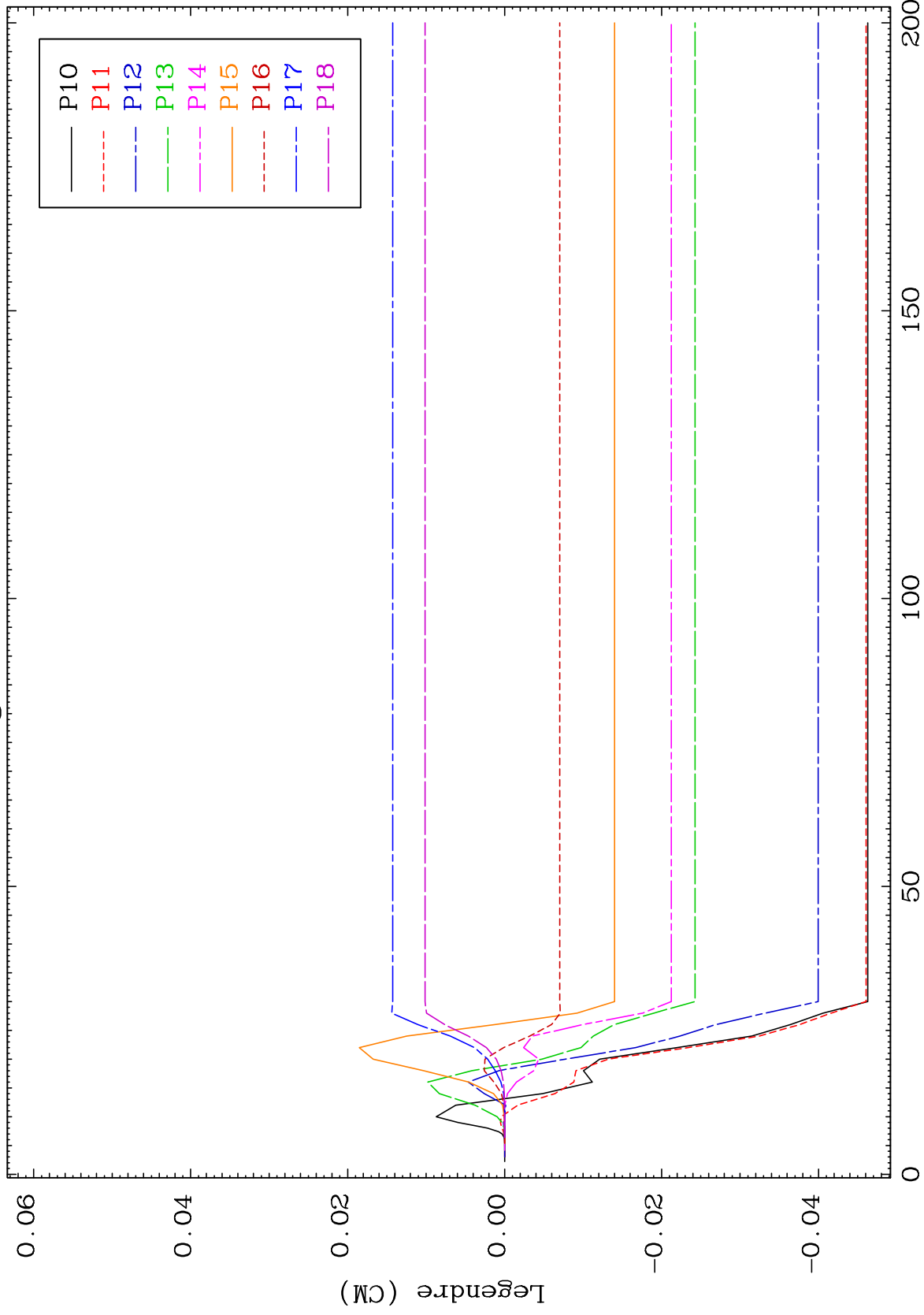
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



69

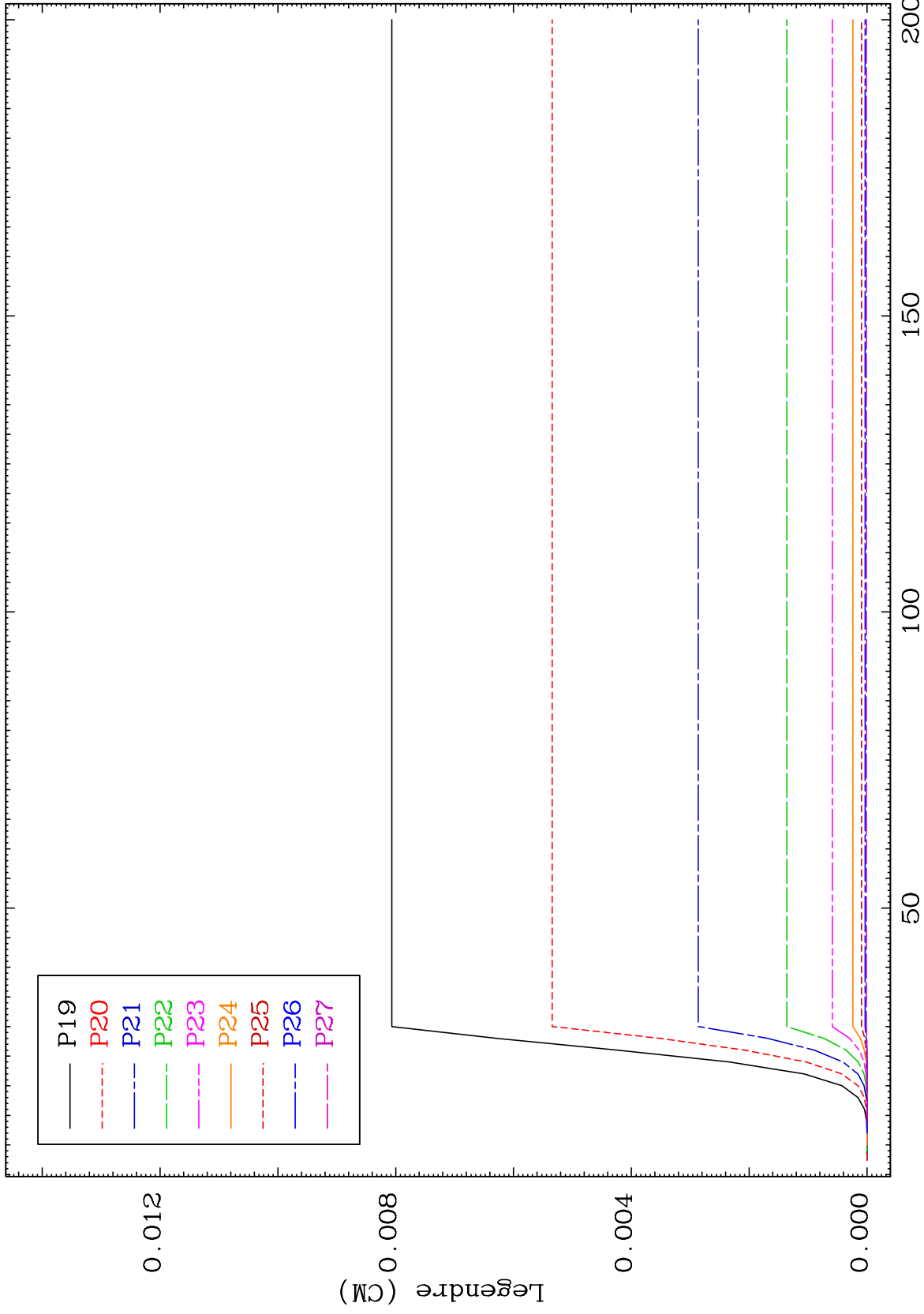
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



70

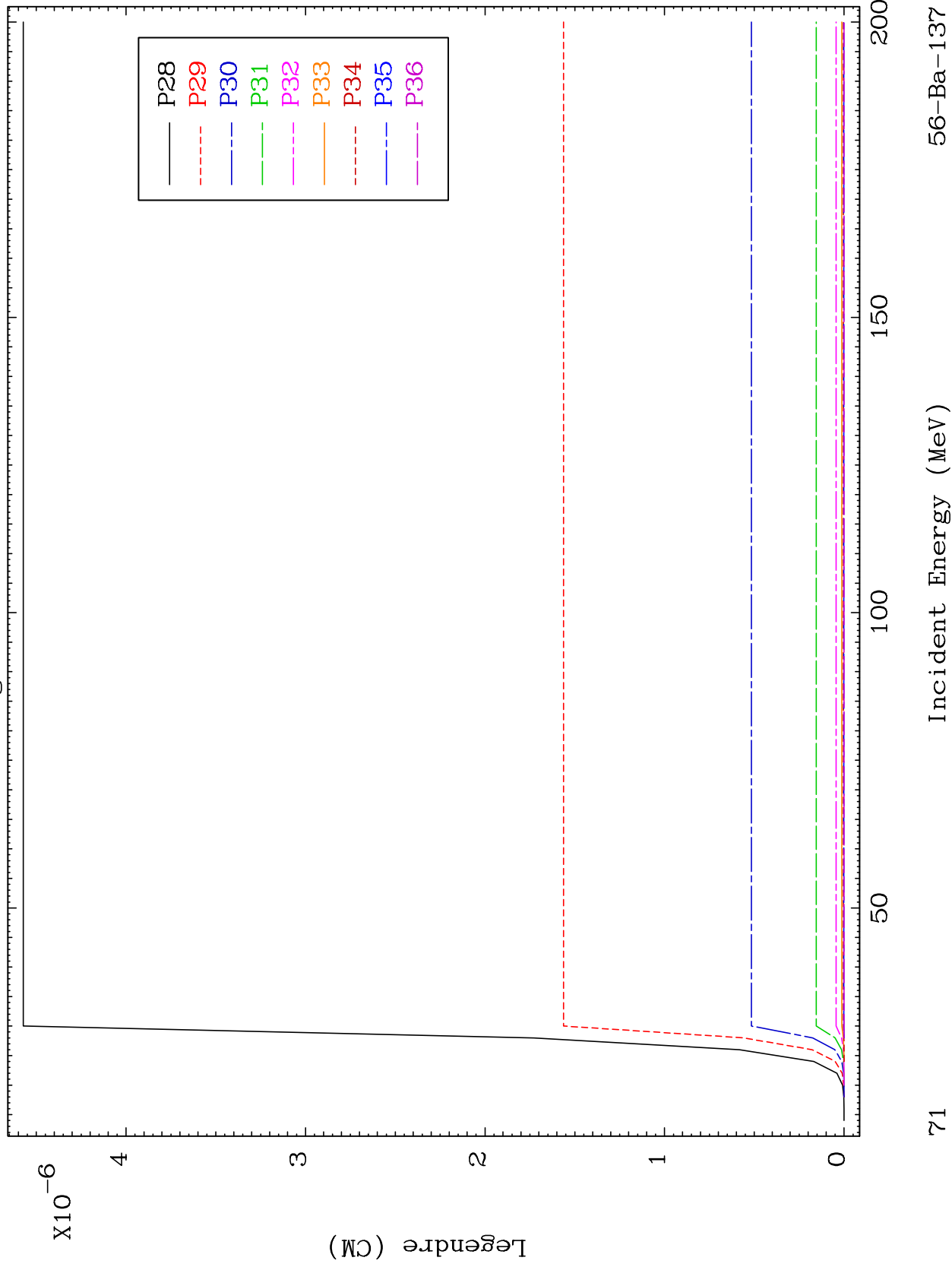
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

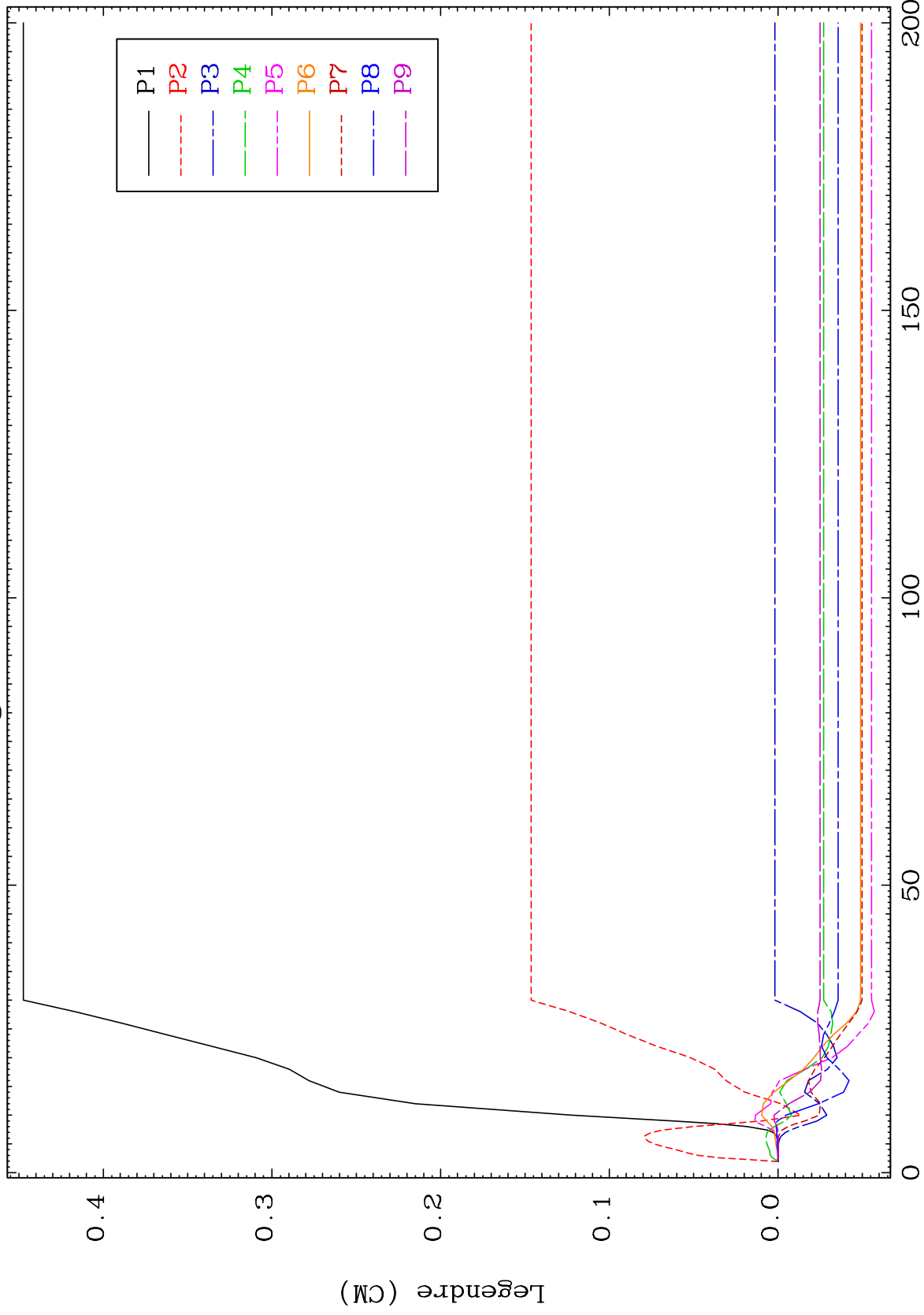
56-Ba-137



MAT 5646

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

56-Ba-137



56-Ba-137

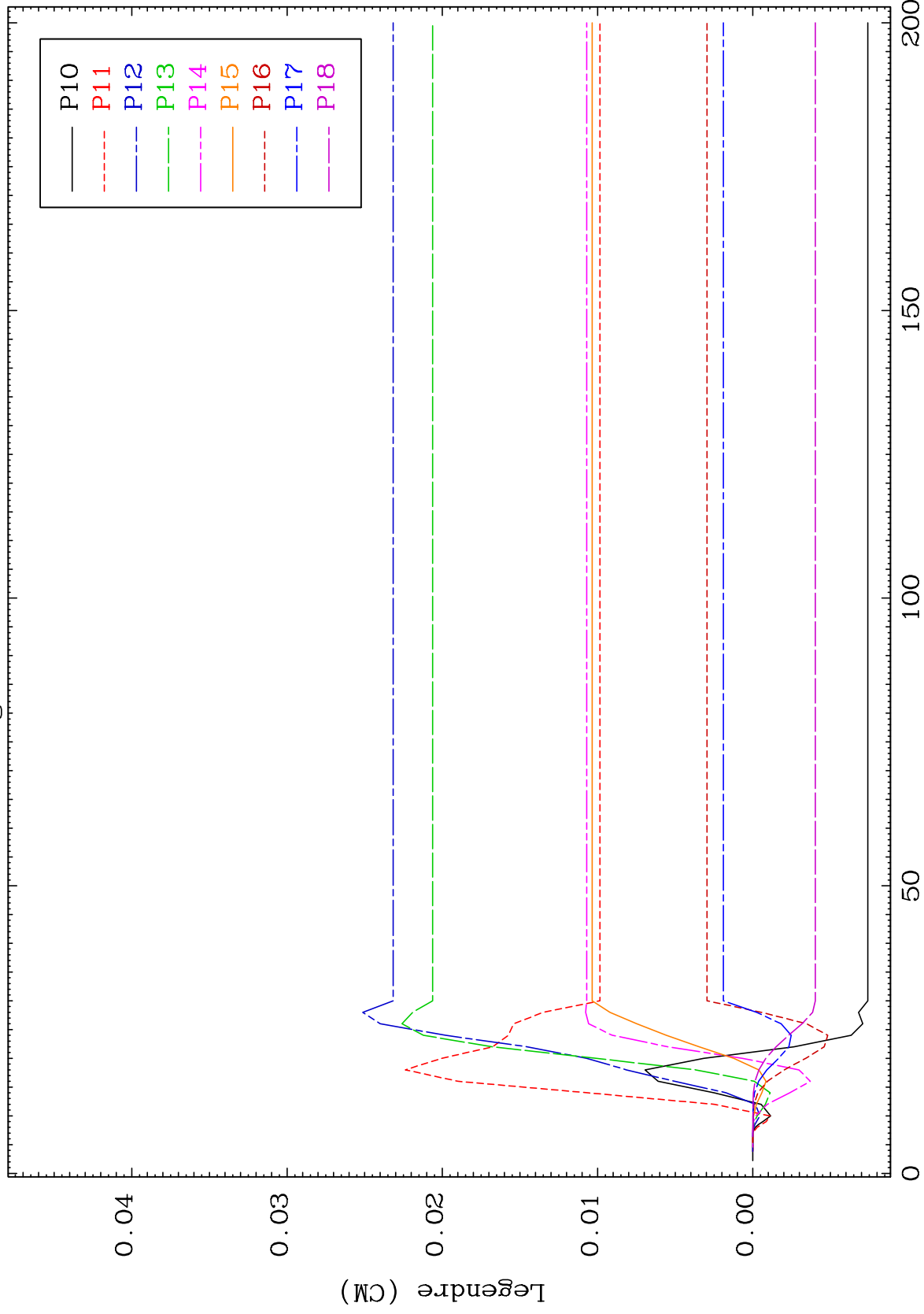
Incident Energy (MeV)

72

MAT 5646

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

56-Ba-137



73

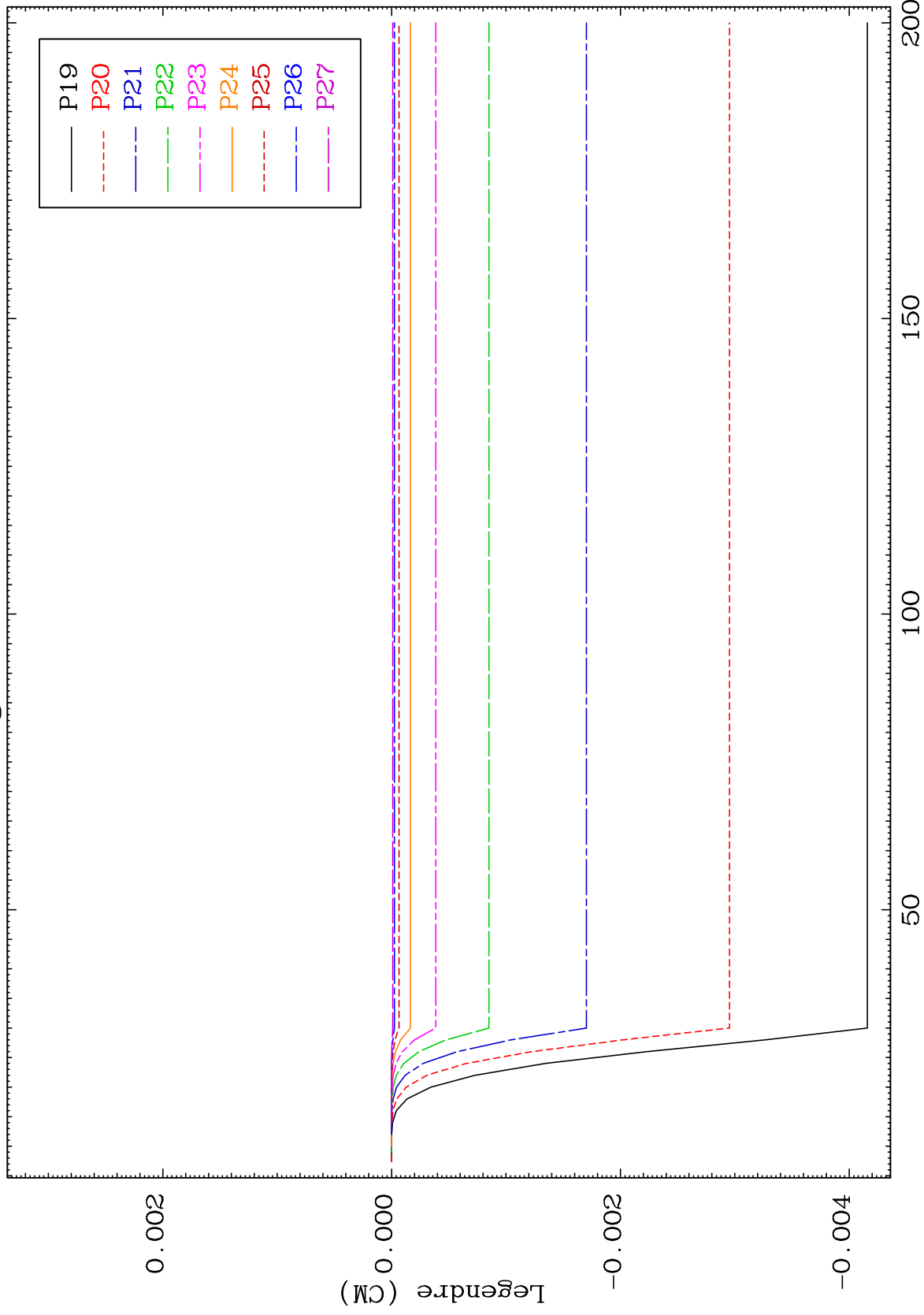
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

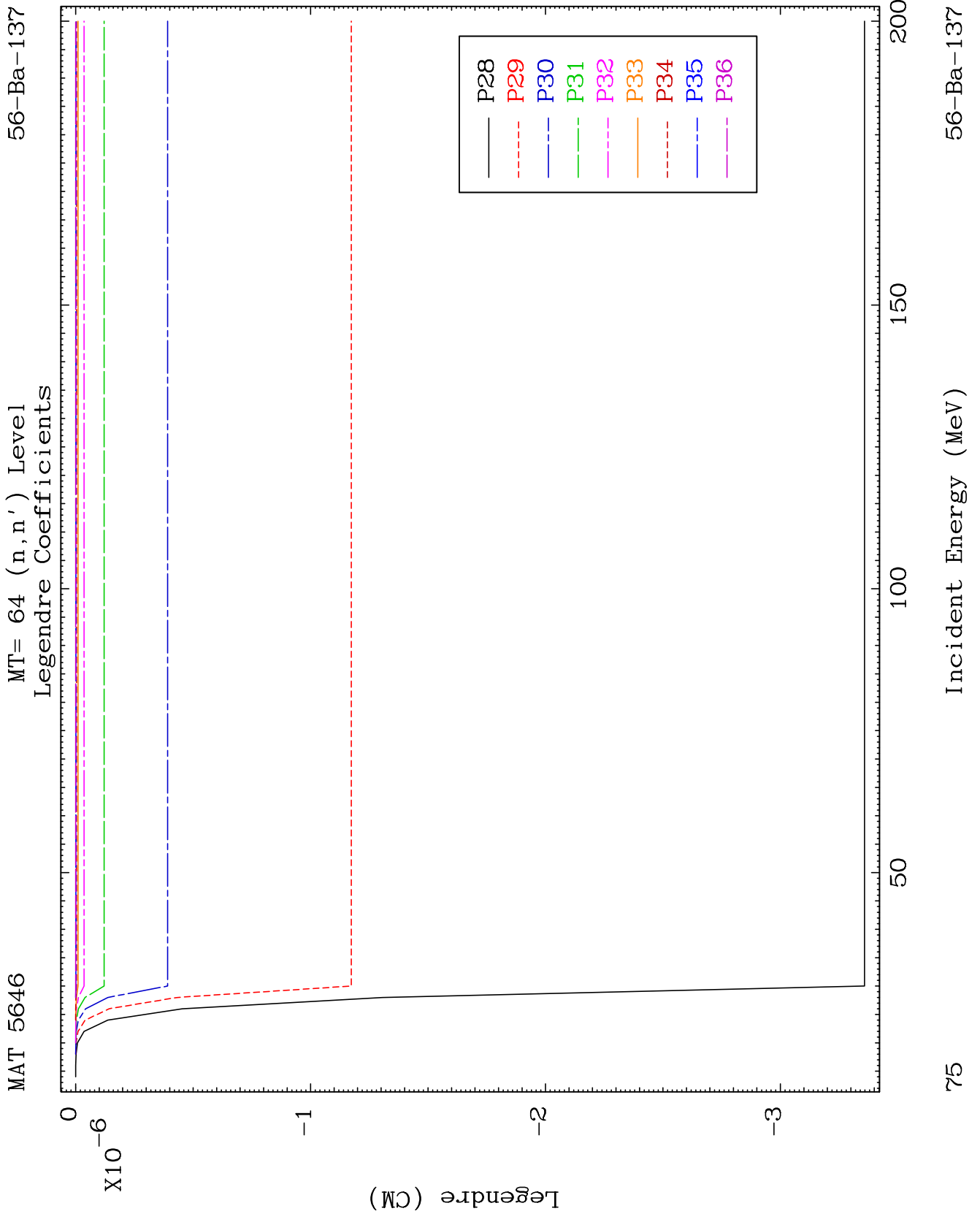
56-Ba-137



74

Incident Energy (MeV)

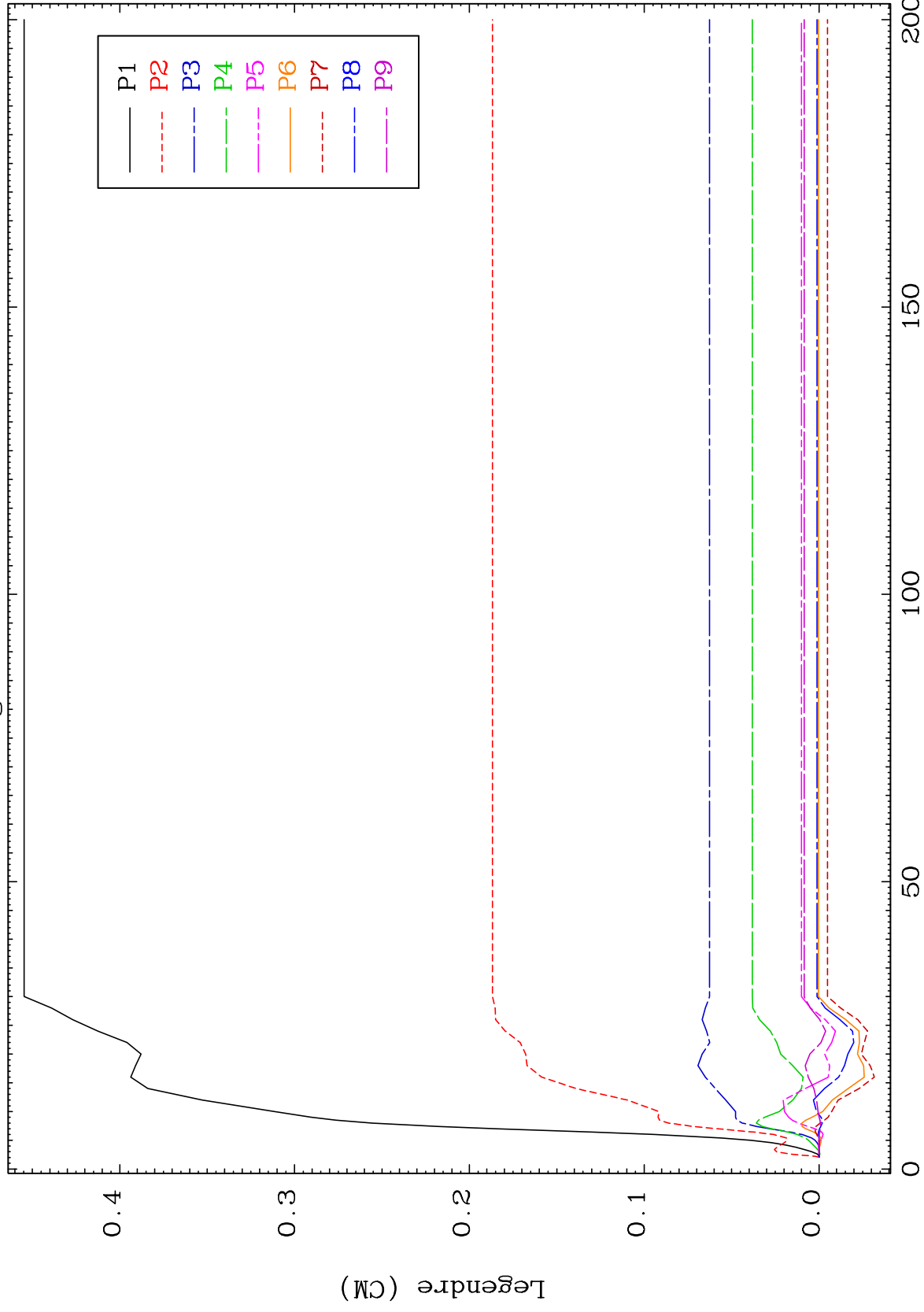
56-Ba-137



MAT 5646

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

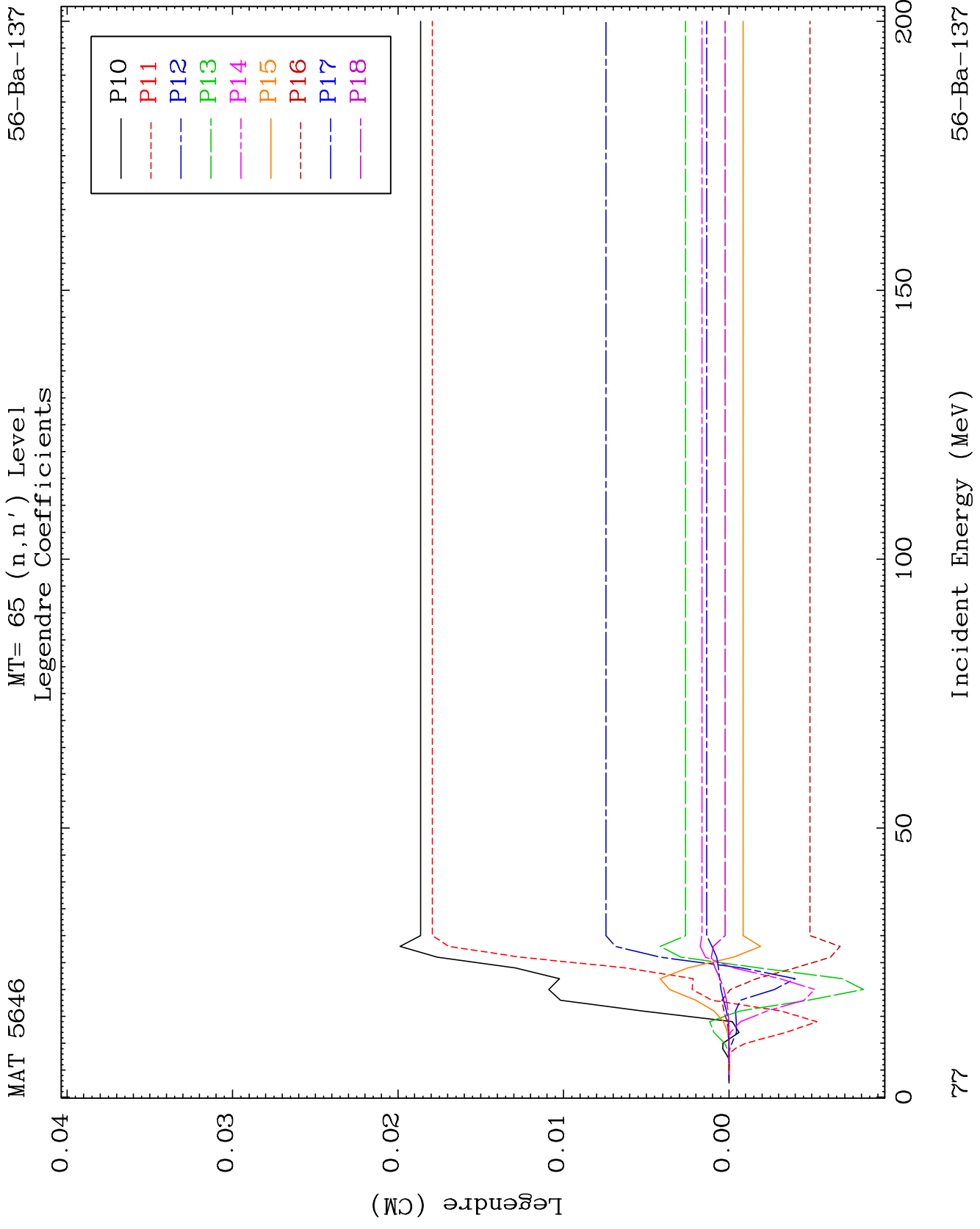
56-Ba-137



76

Incident Energy (MeV)

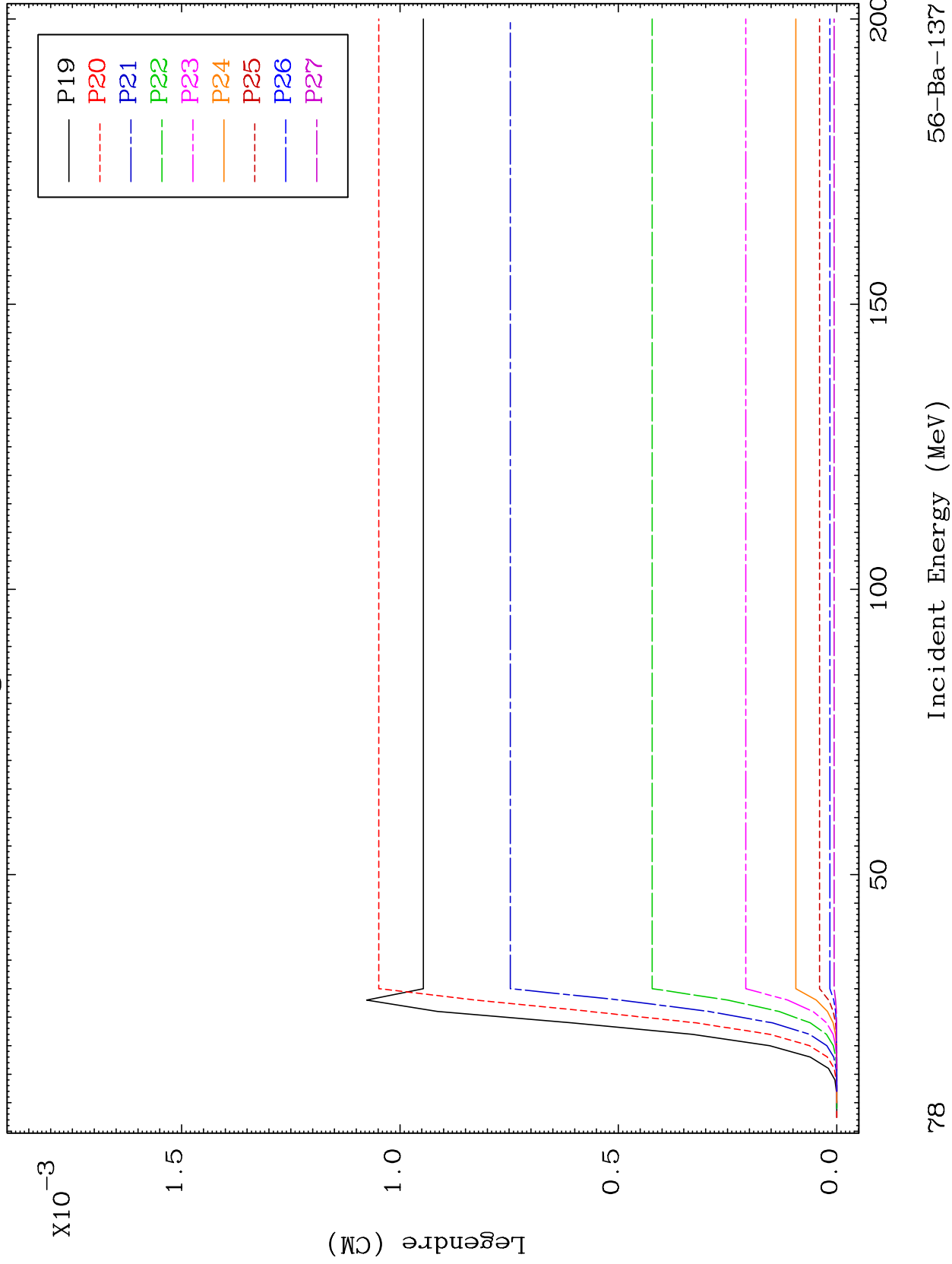
56-Ba-137



MAT 5646

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

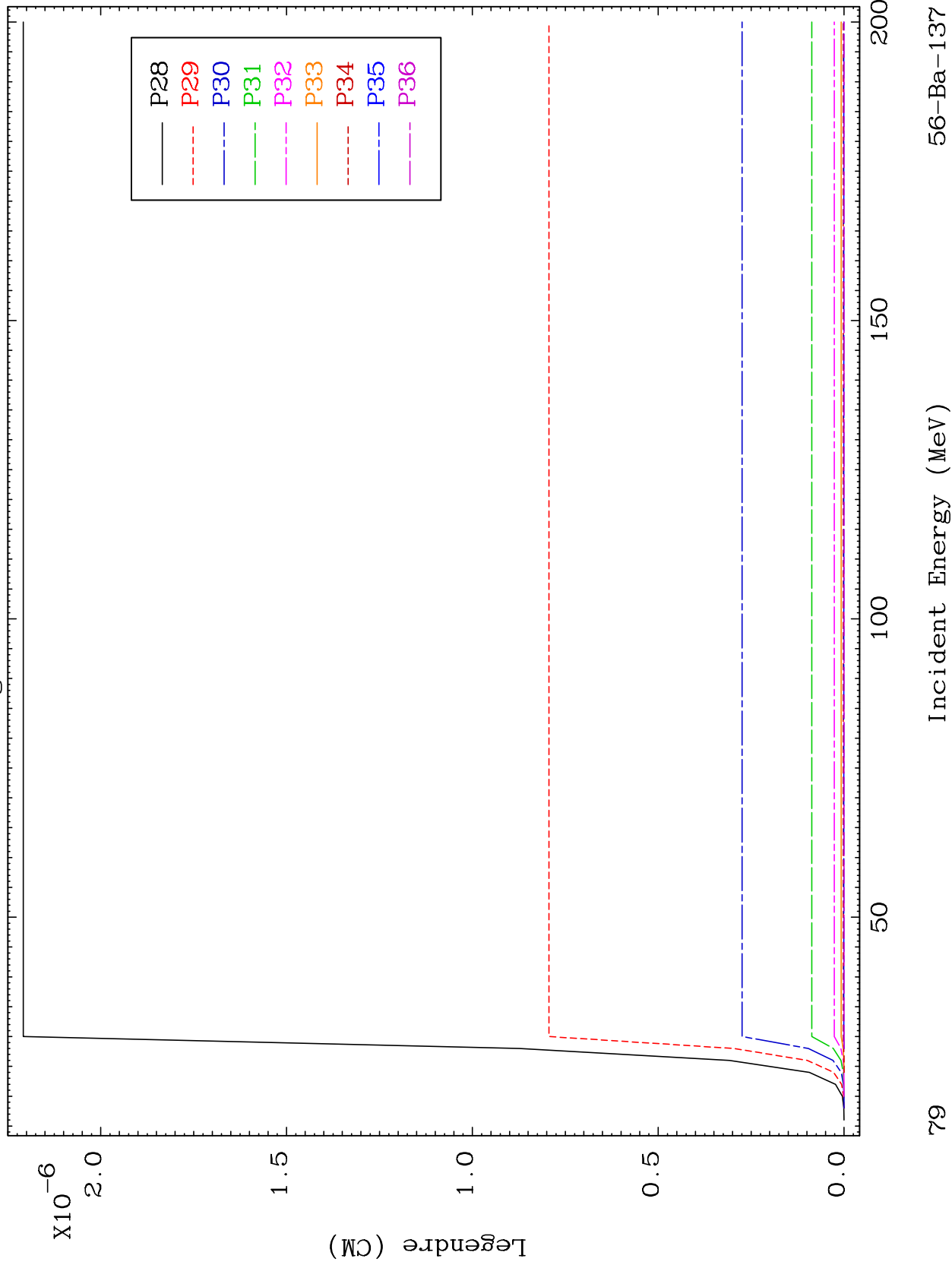
56-Ba-137



MAT 5646

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

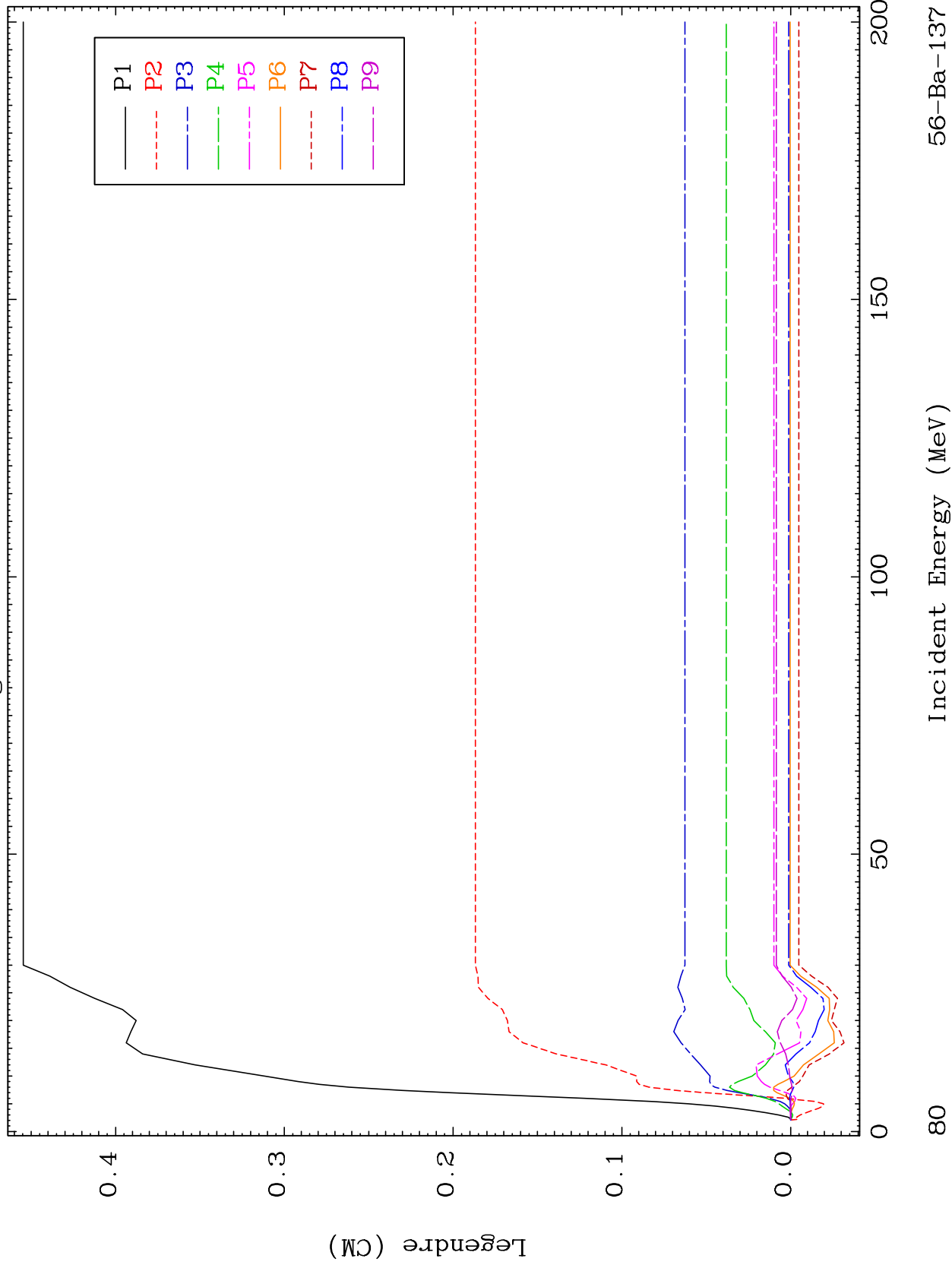
56-Ba-137



MAT 5646

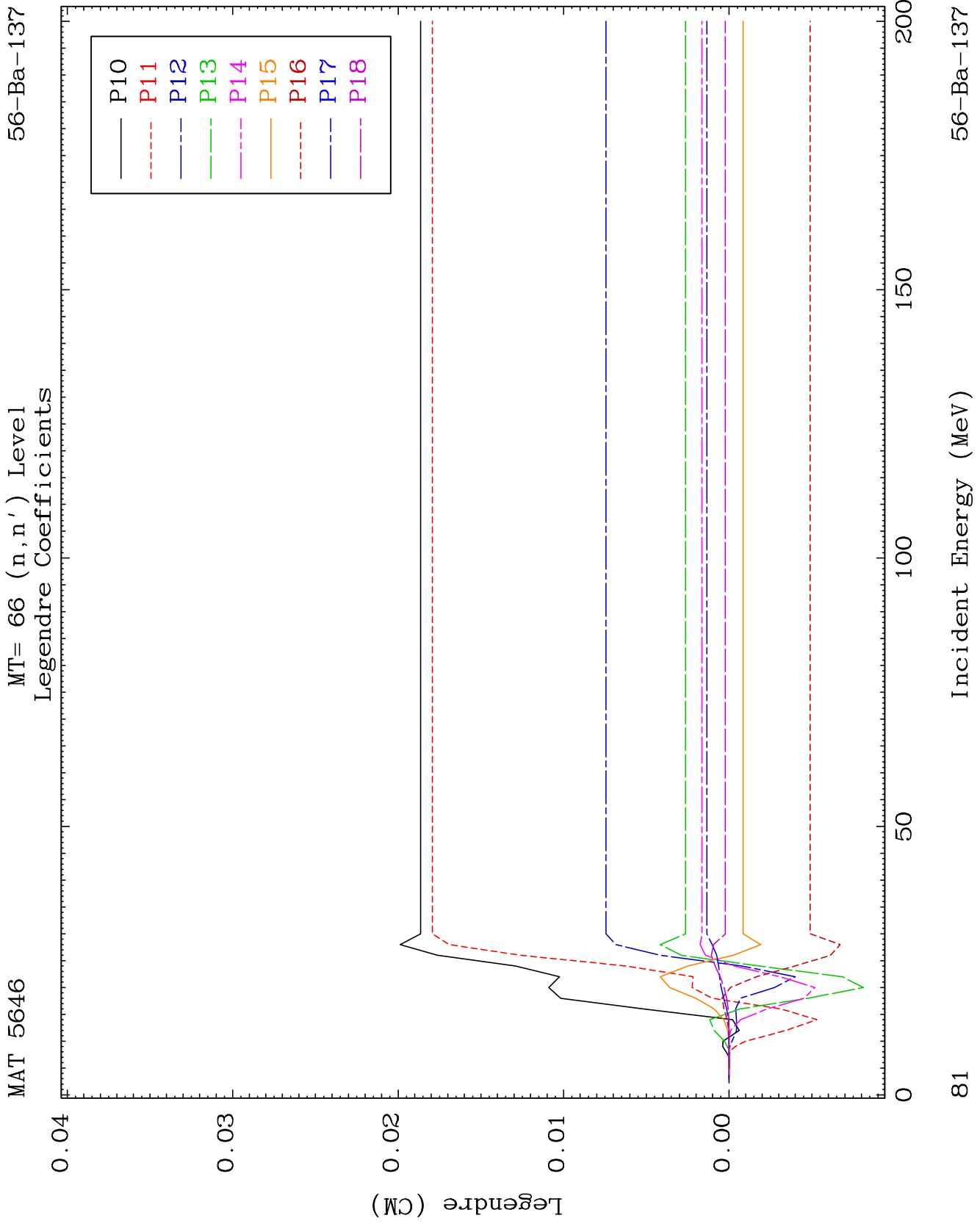
MT= 66 (n,n') Level
Legendre Coefficients

56-Ba-137



56-Ba-137

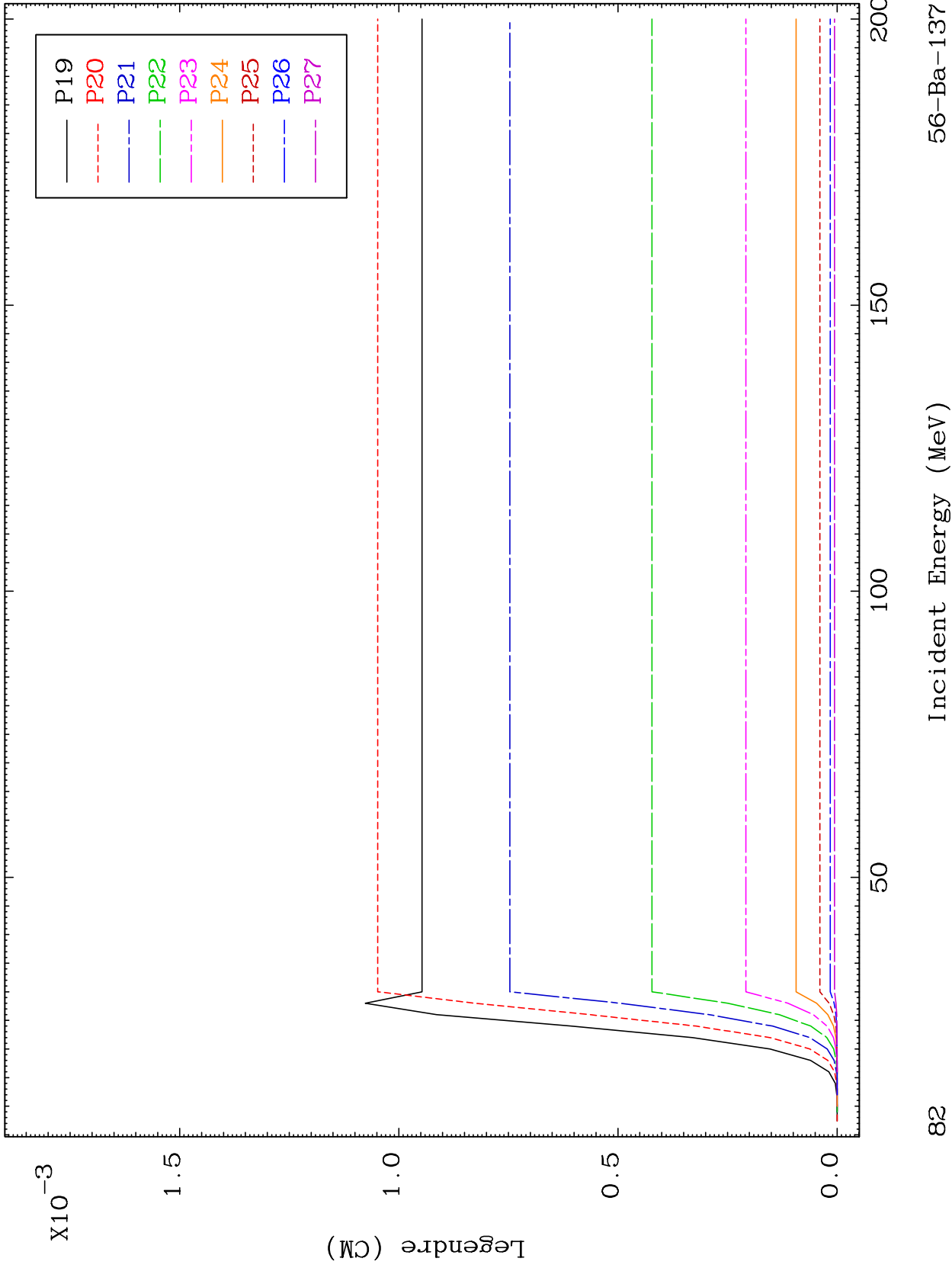
Incident Energy (MeV)



MAT 5646

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

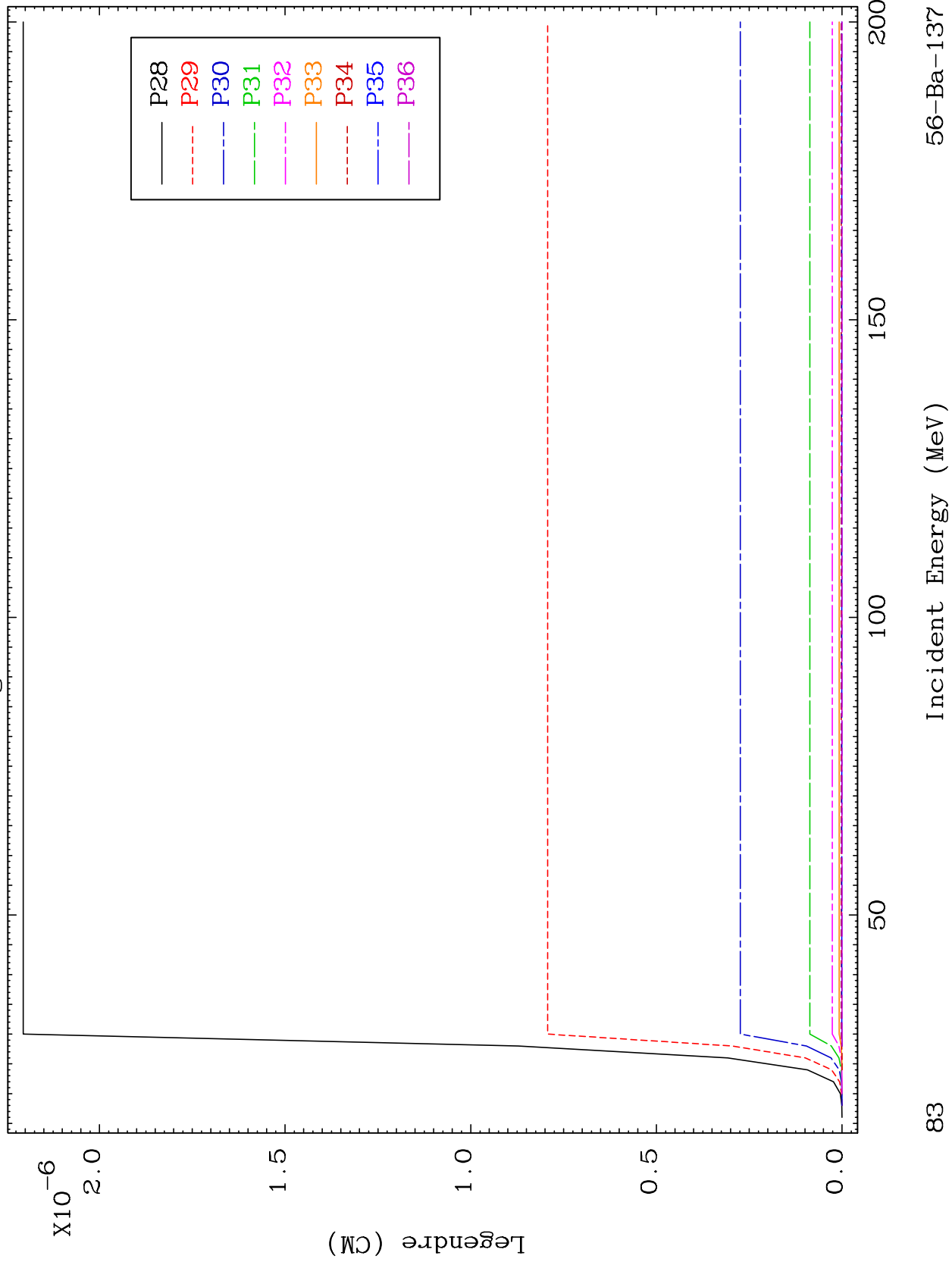
56-Ba-137



MAT 5646

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

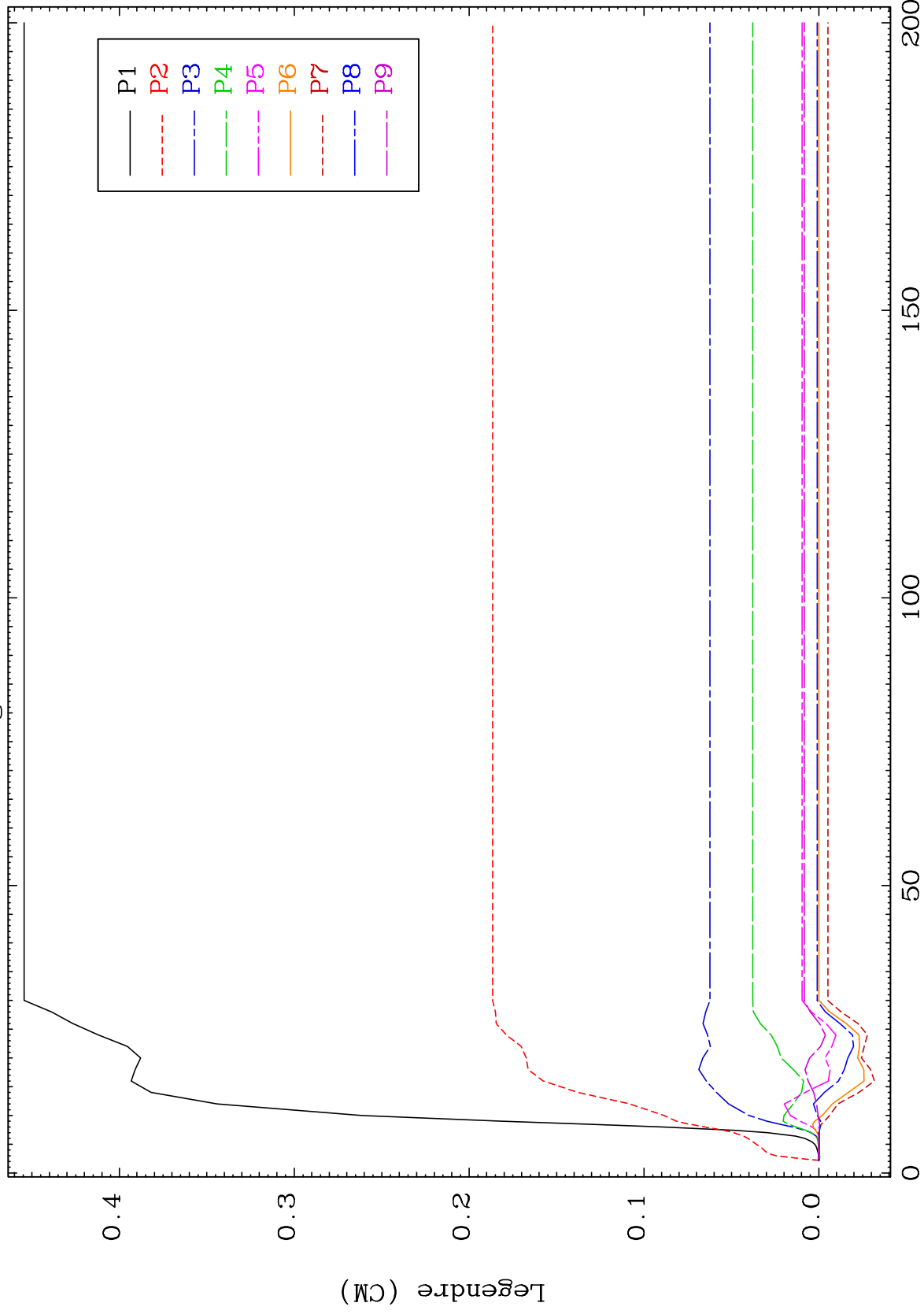
56-Ba-137



MAT 5646

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

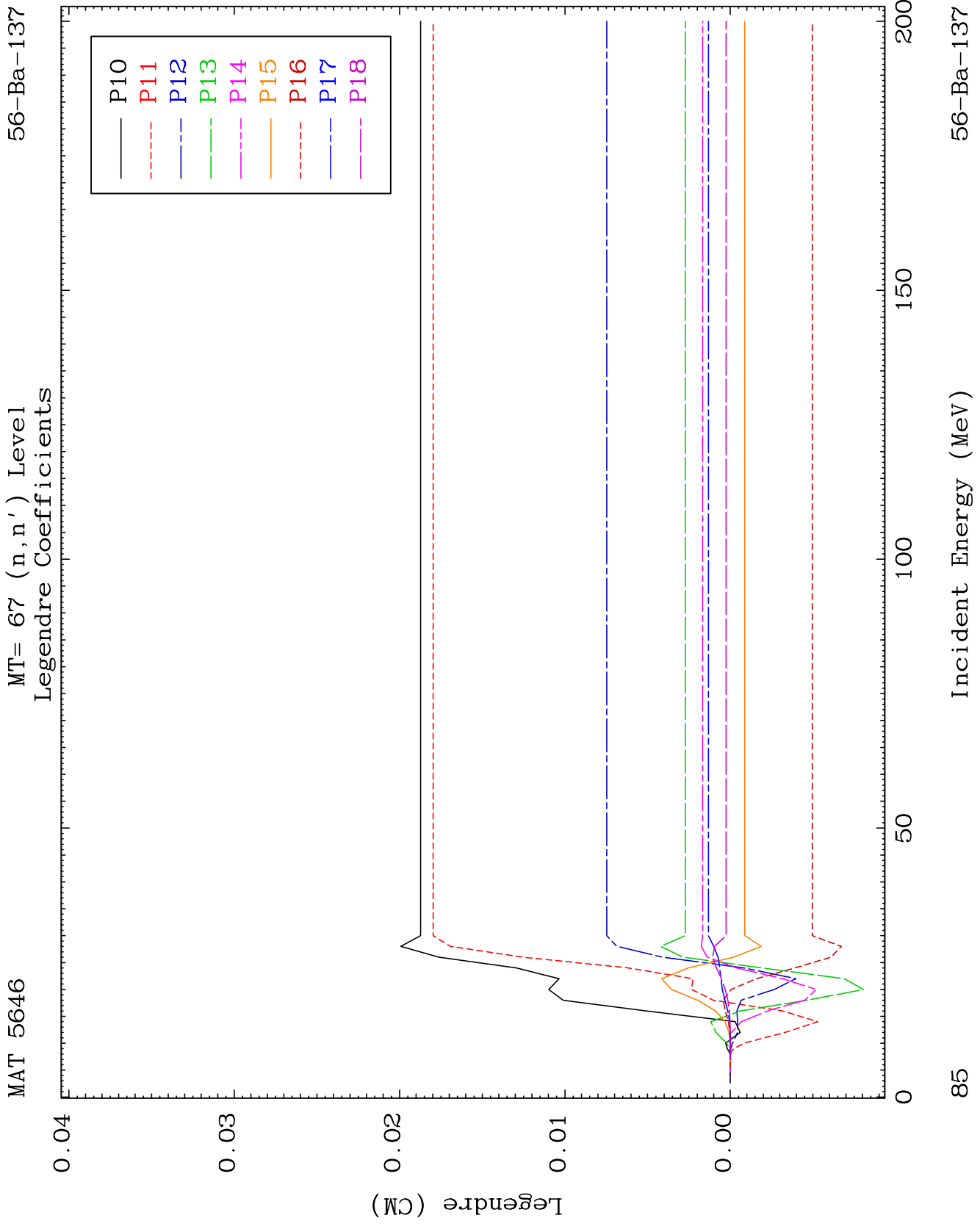
56-Ba-137



84

Incident Energy (MeV)

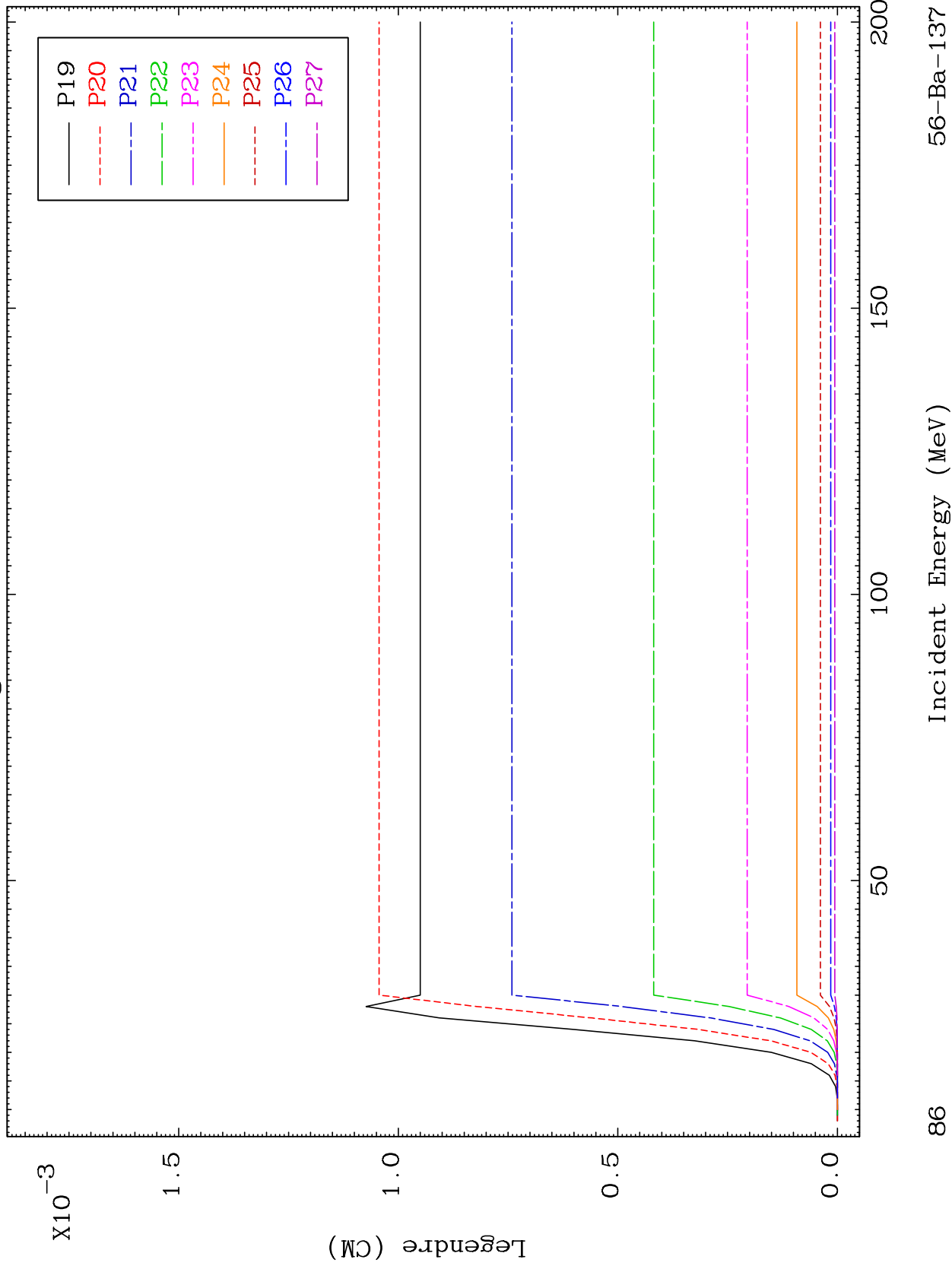
56-Ba-137



MAT 5646

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

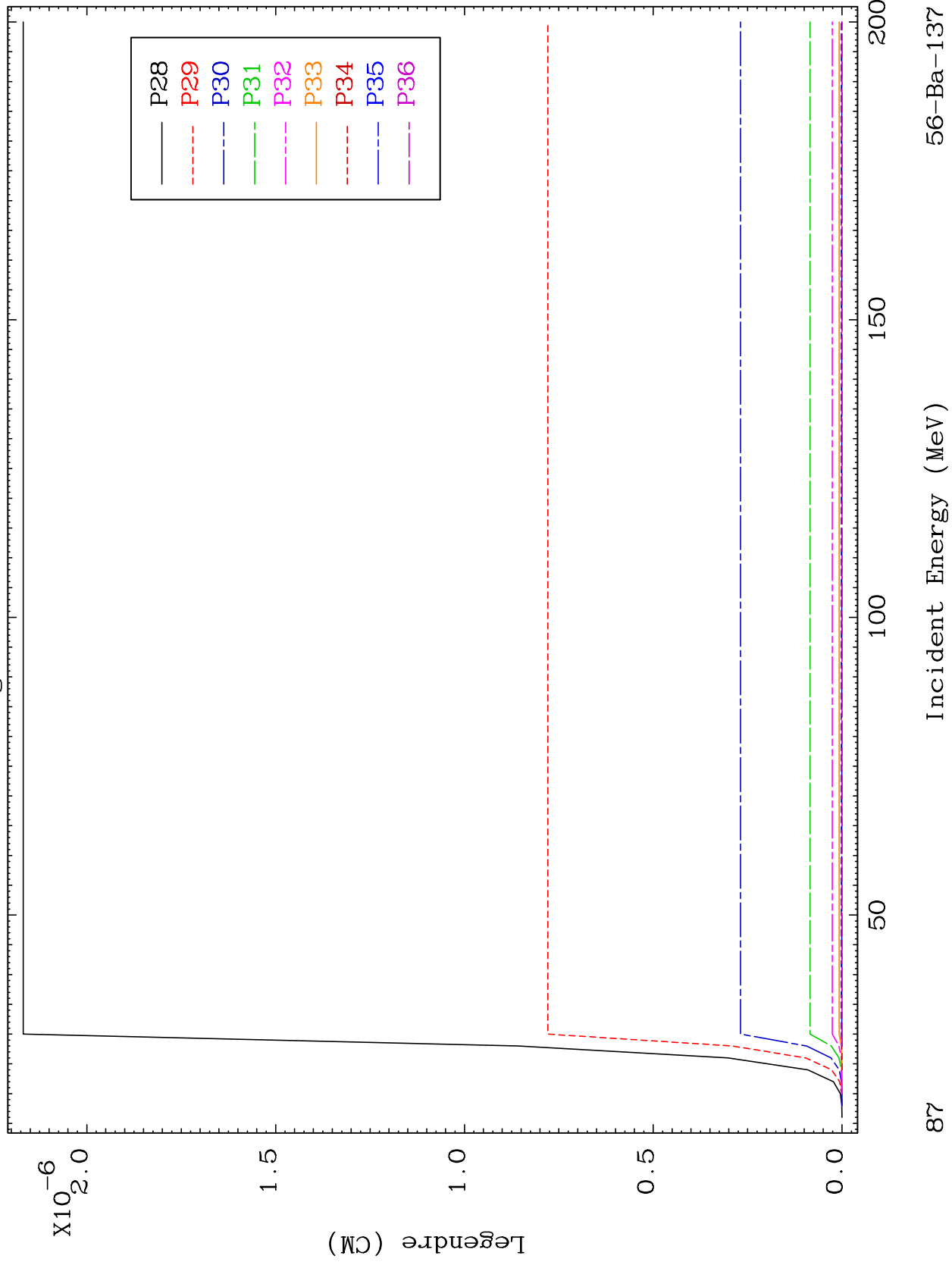
56-Ba-137



MAT 5646

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

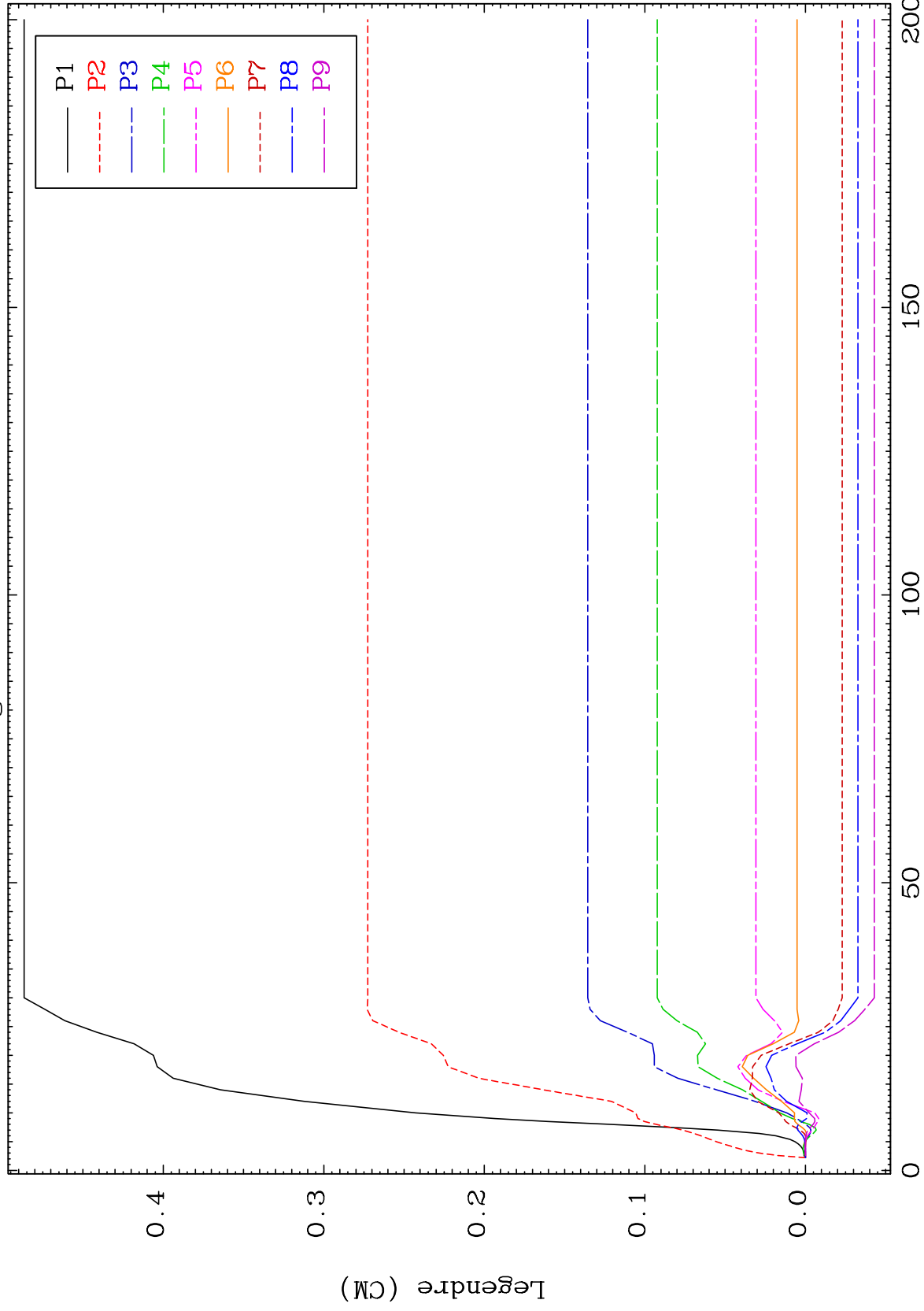
56-Ba-137



MAT 5646

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

56-Ba-137



88

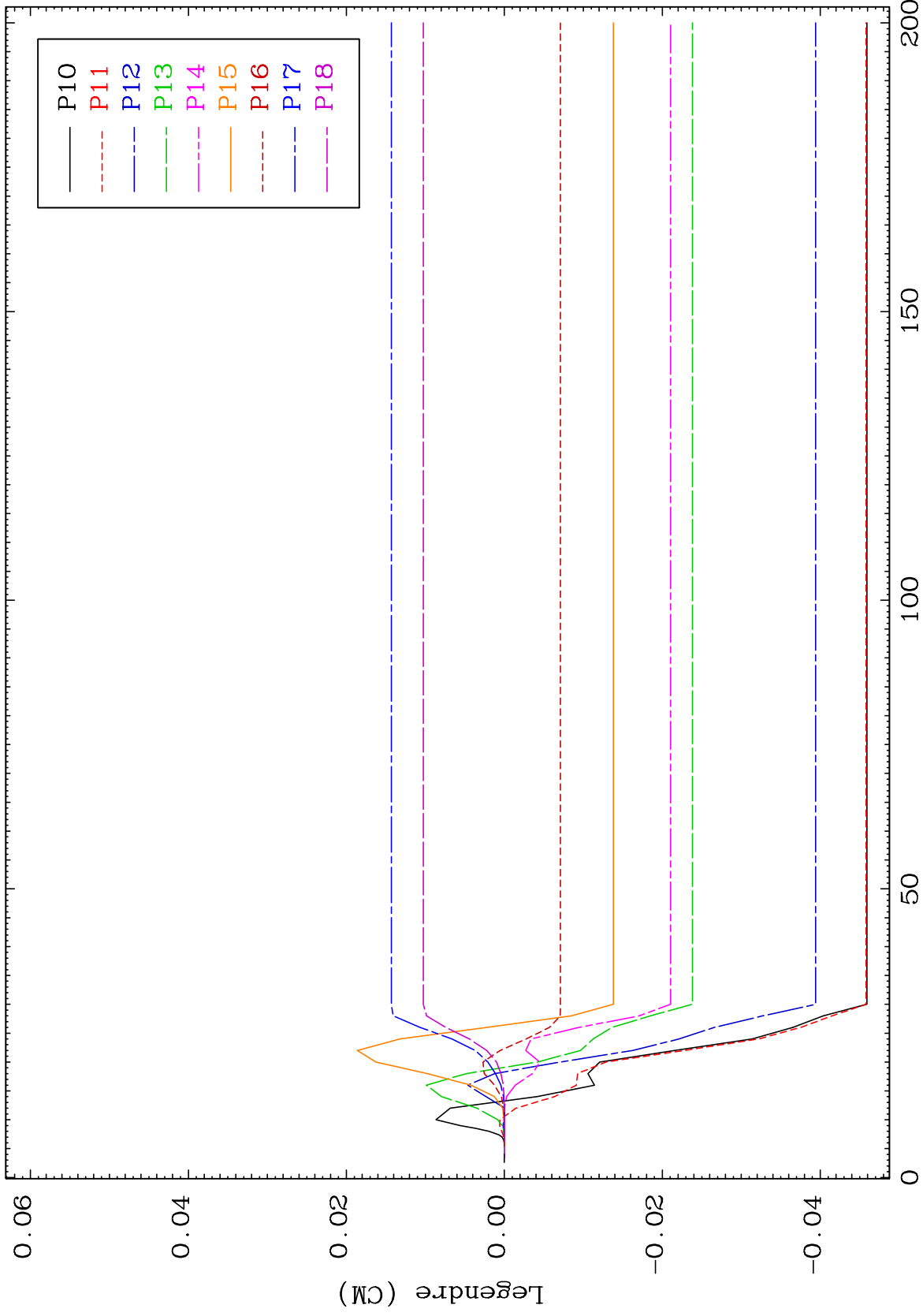
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



89

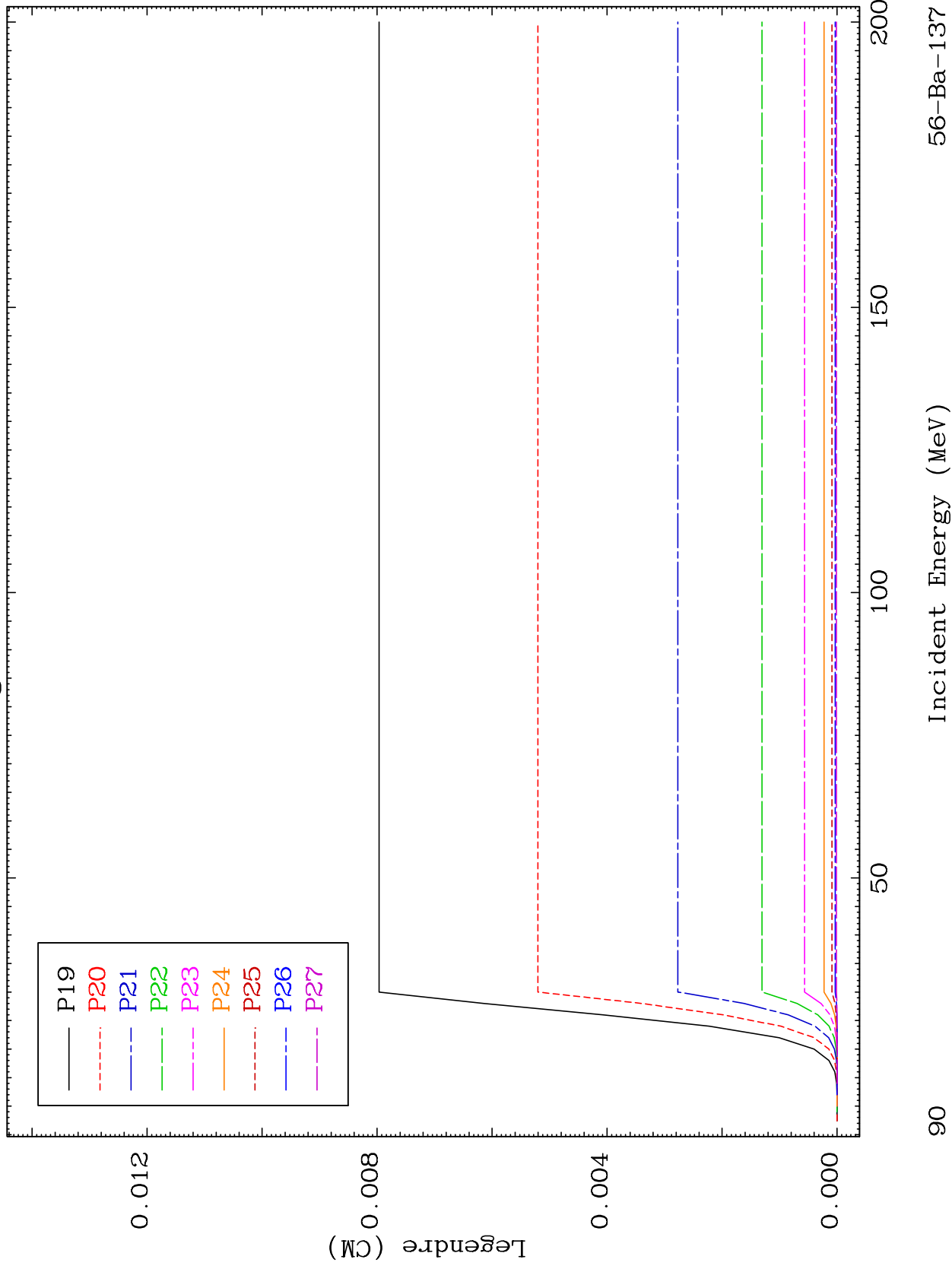
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



90

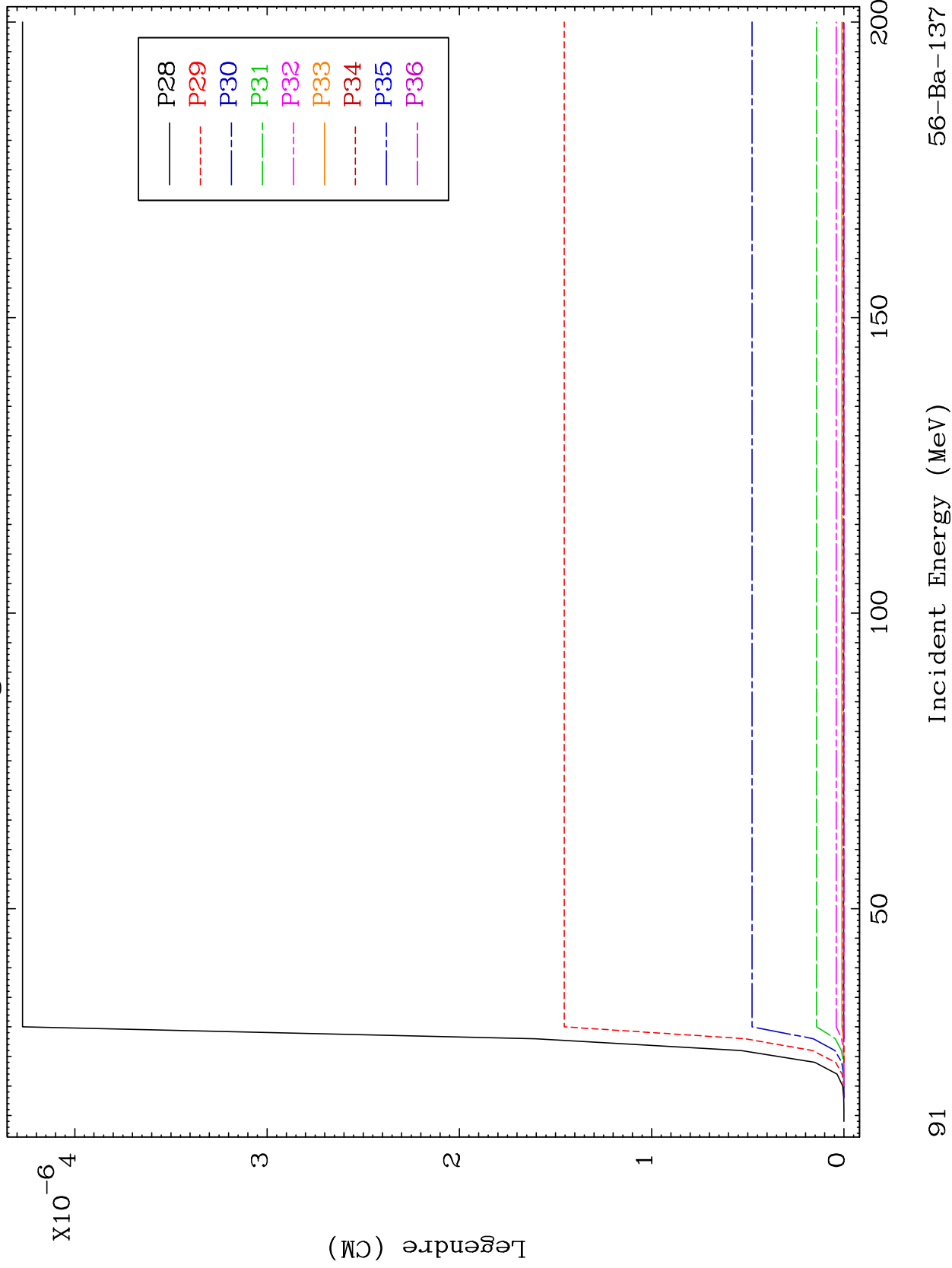
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

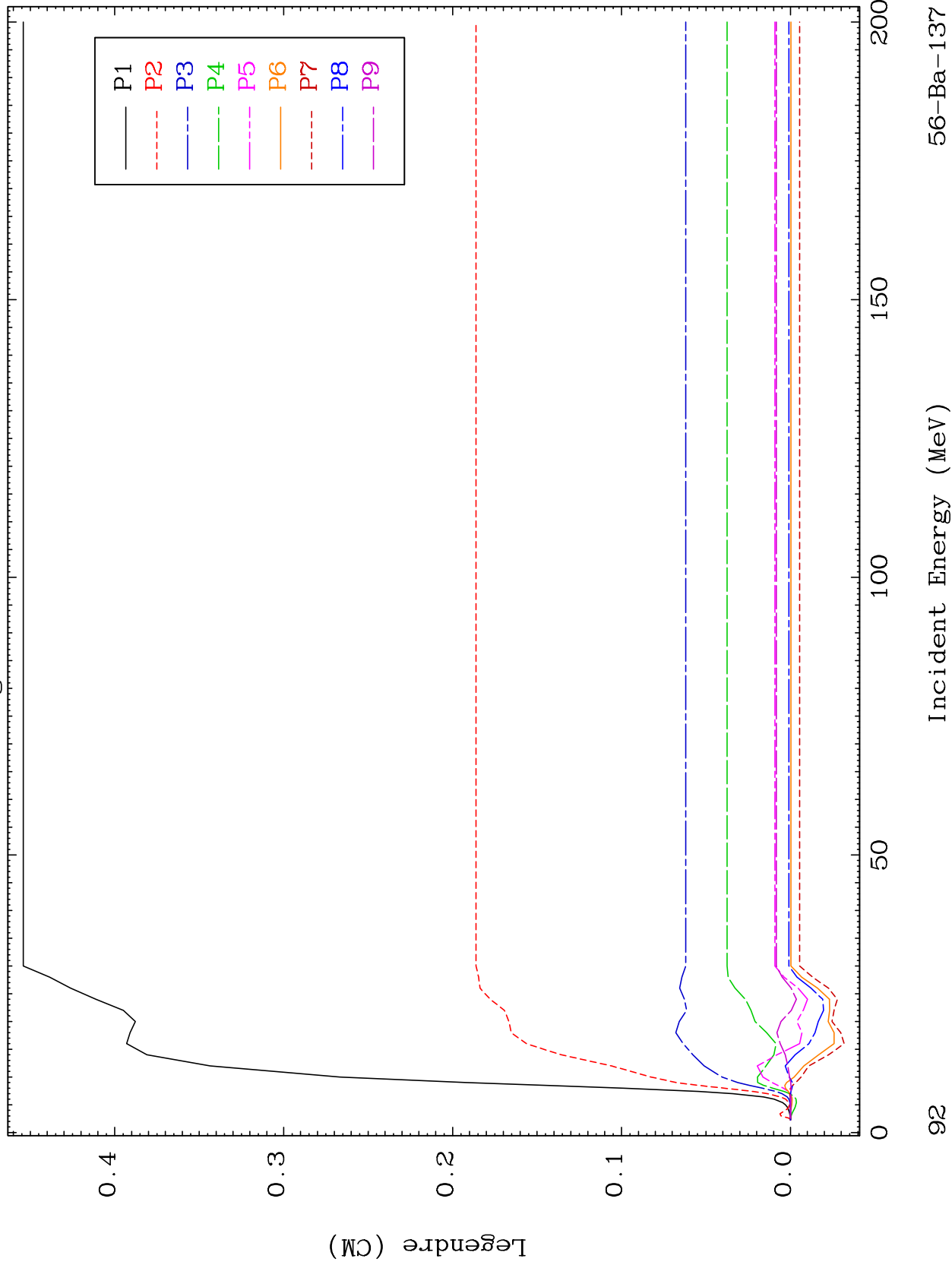
56-Ba-137



MAT 5646

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

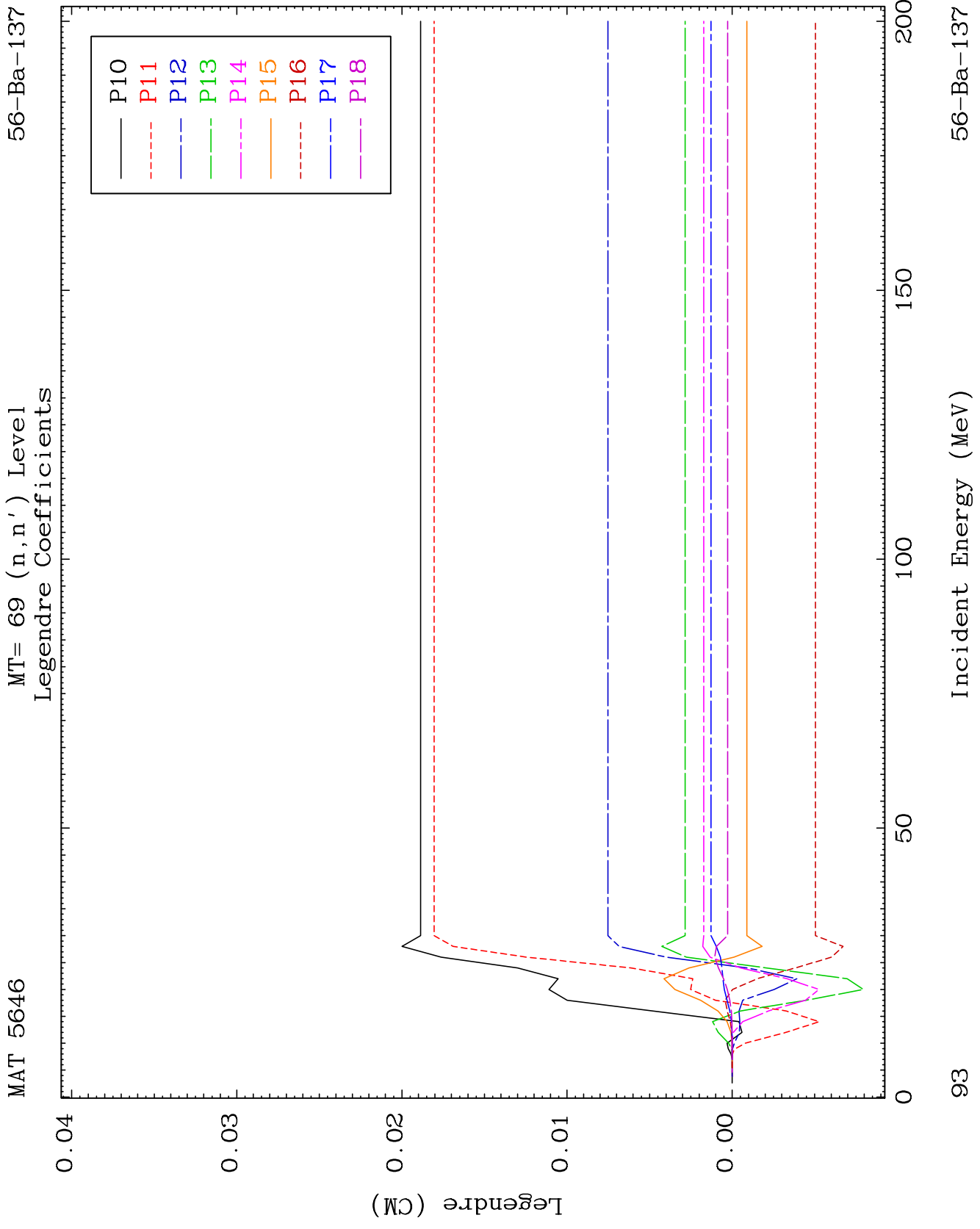
56-Ba-137



56-Ba-137

Incident Energy (MeV)

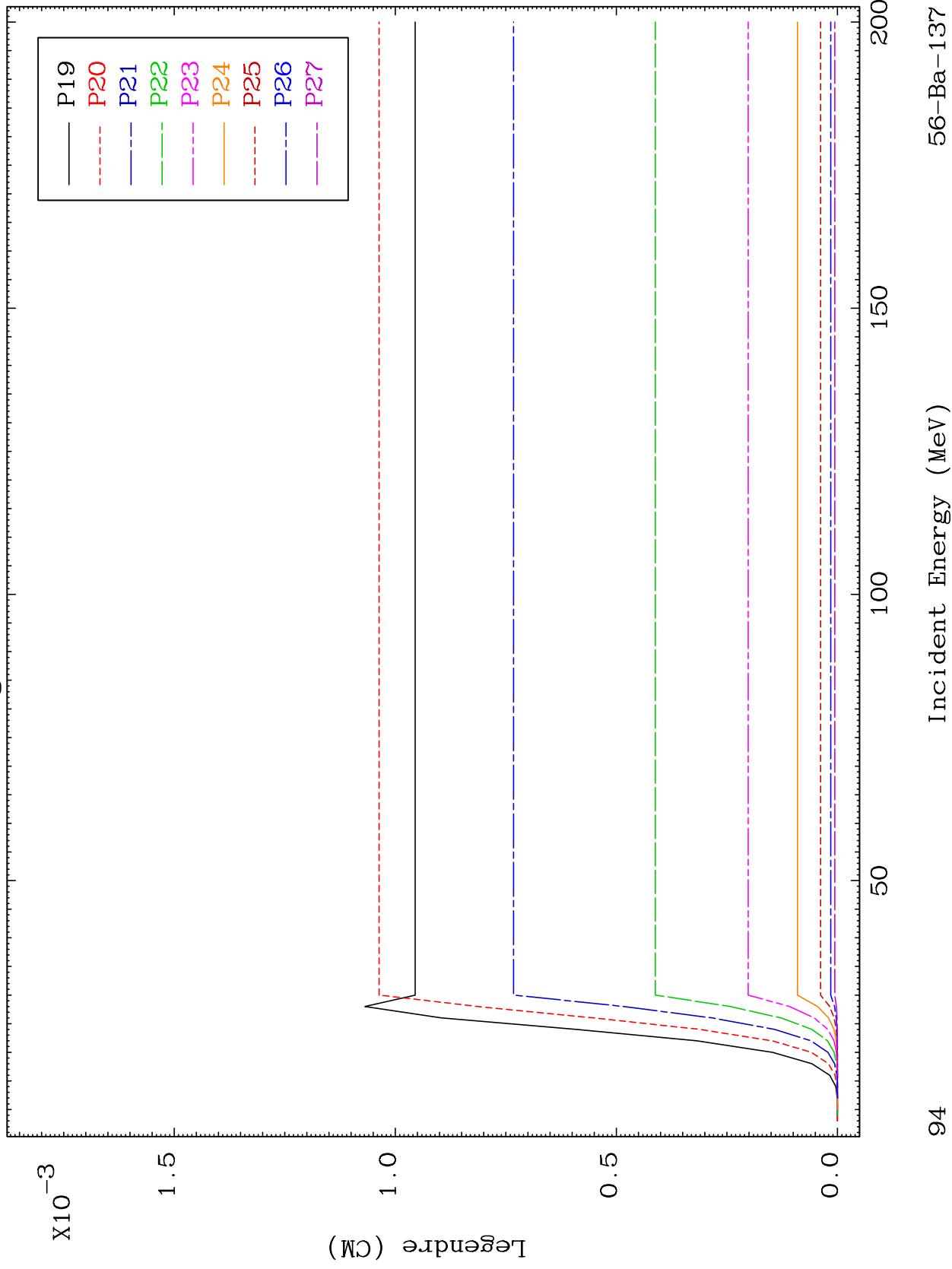
92



MAT 5646

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

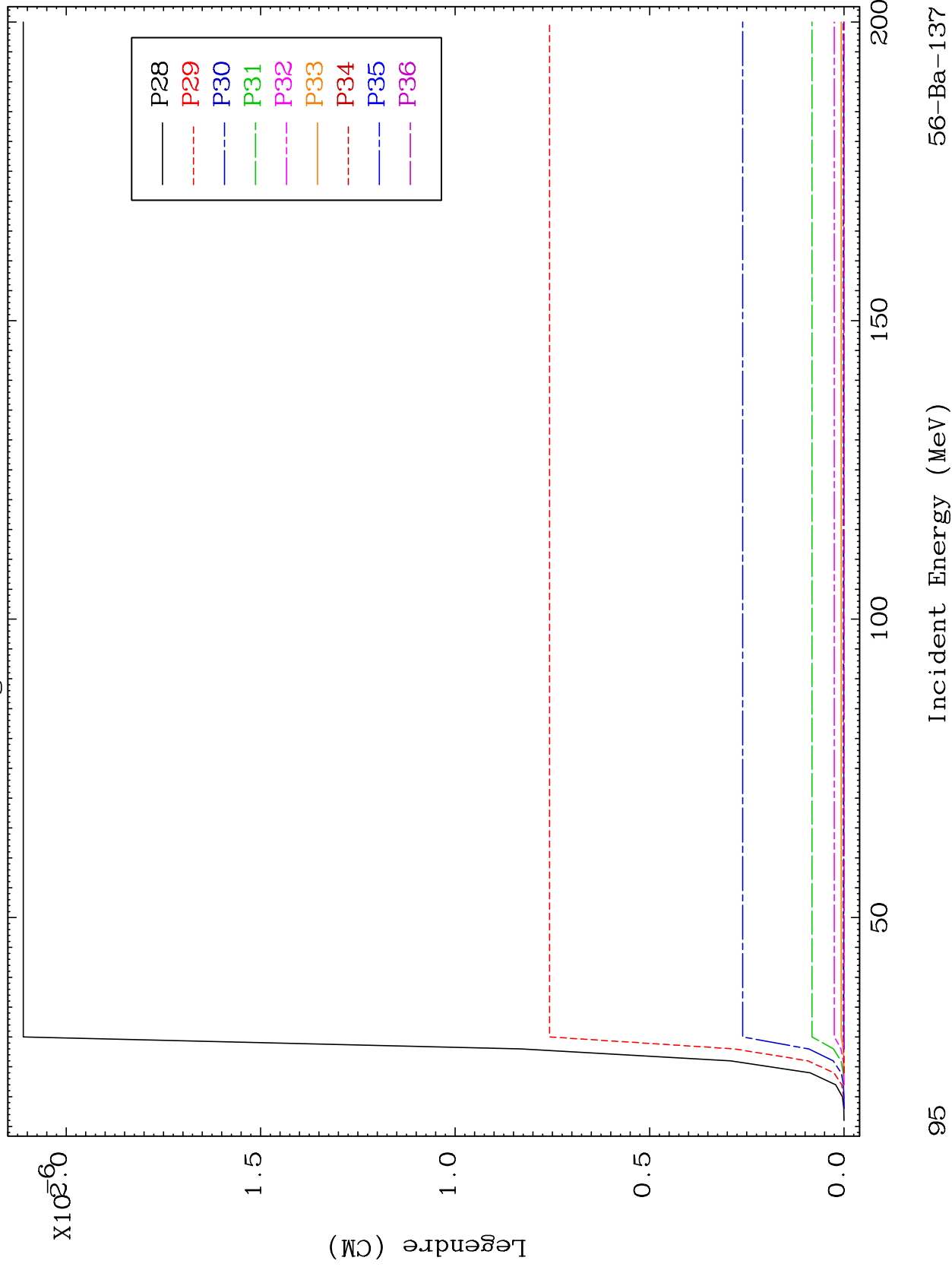
56-Ba-137



MAT 5646

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

56-Ba-137



56-Ba-137

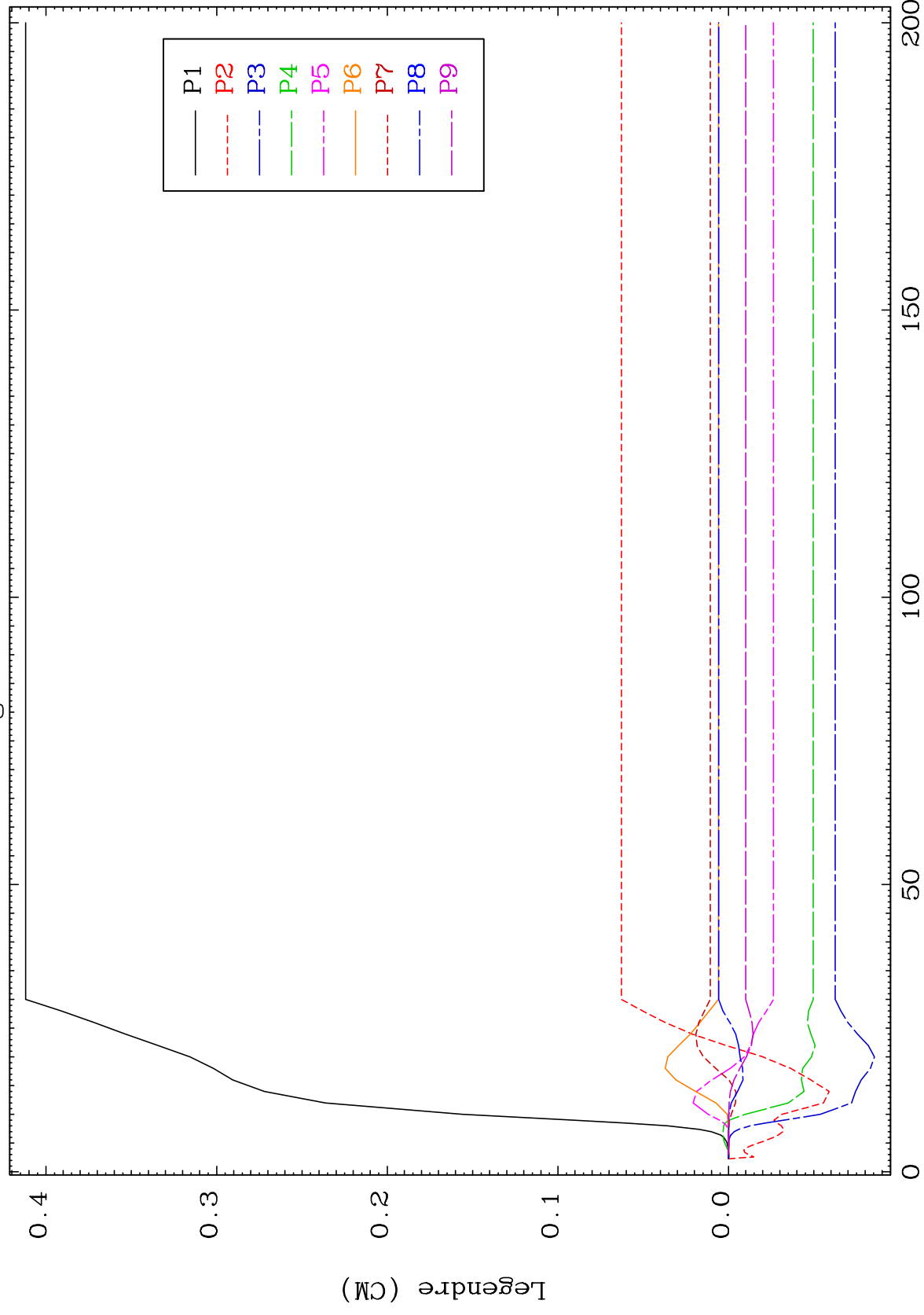
Incident Energy (MeV)

95

MAT 5646

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

56-Ba-137



96

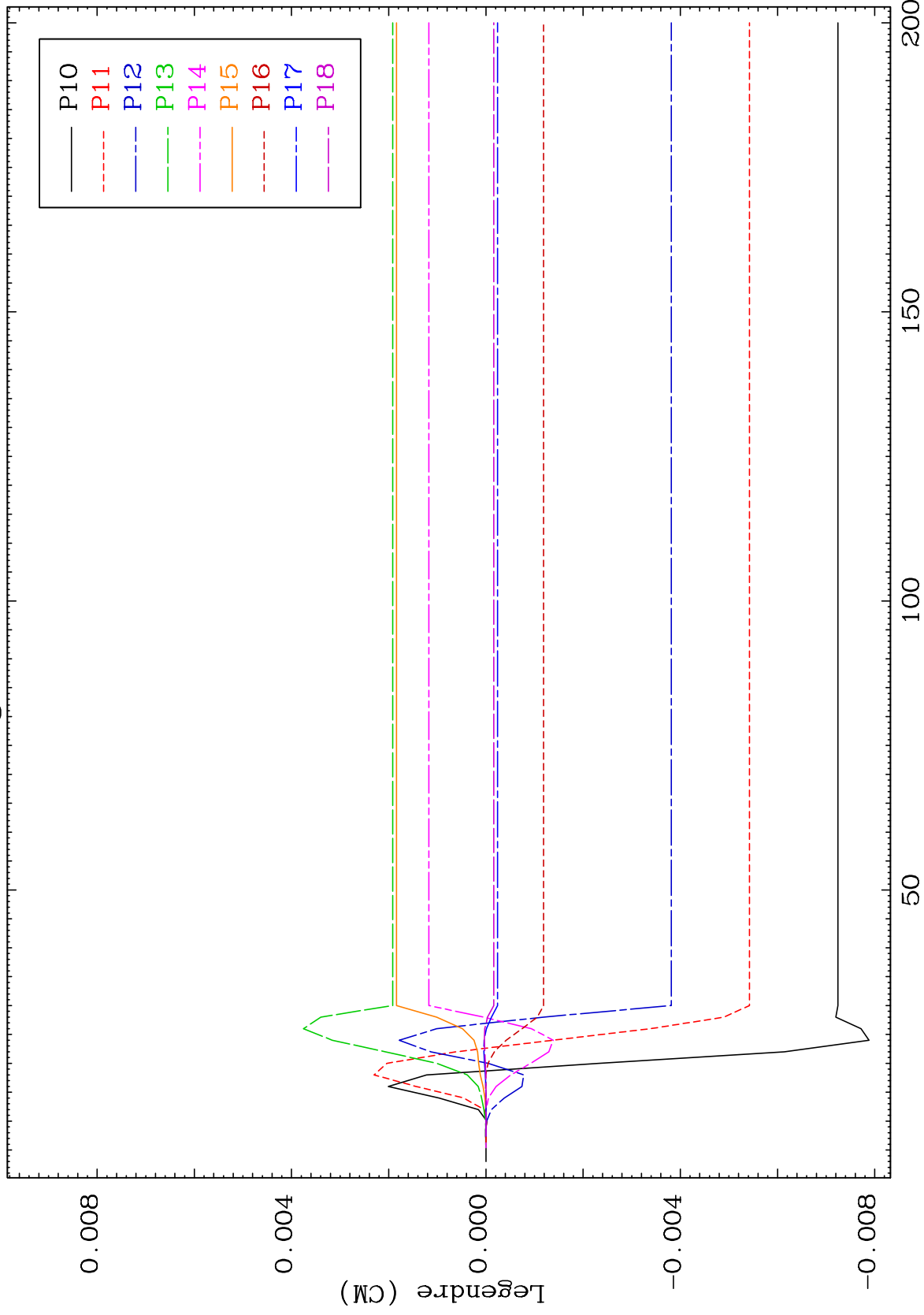
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



97

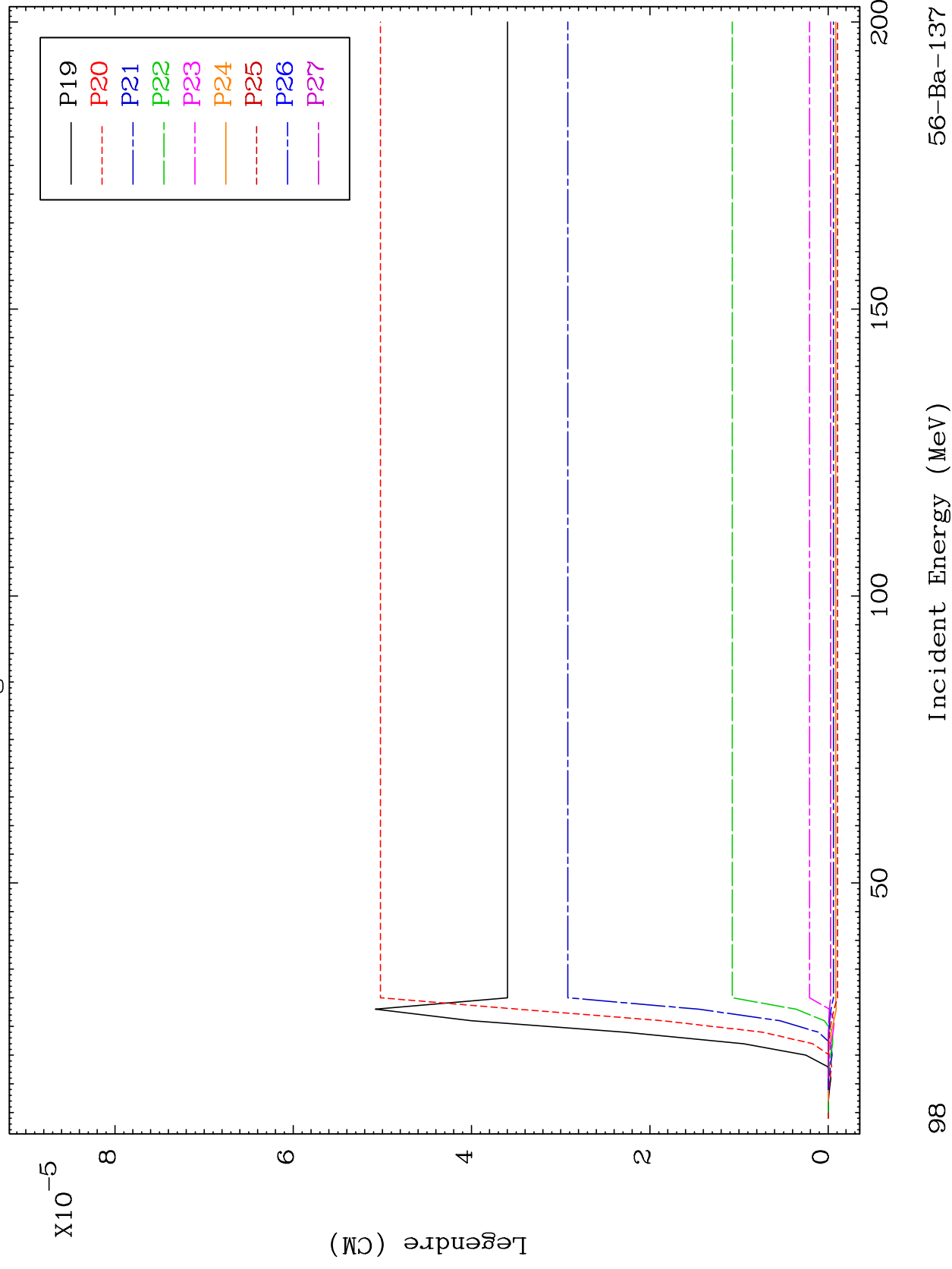
Incident Energy (MeV)

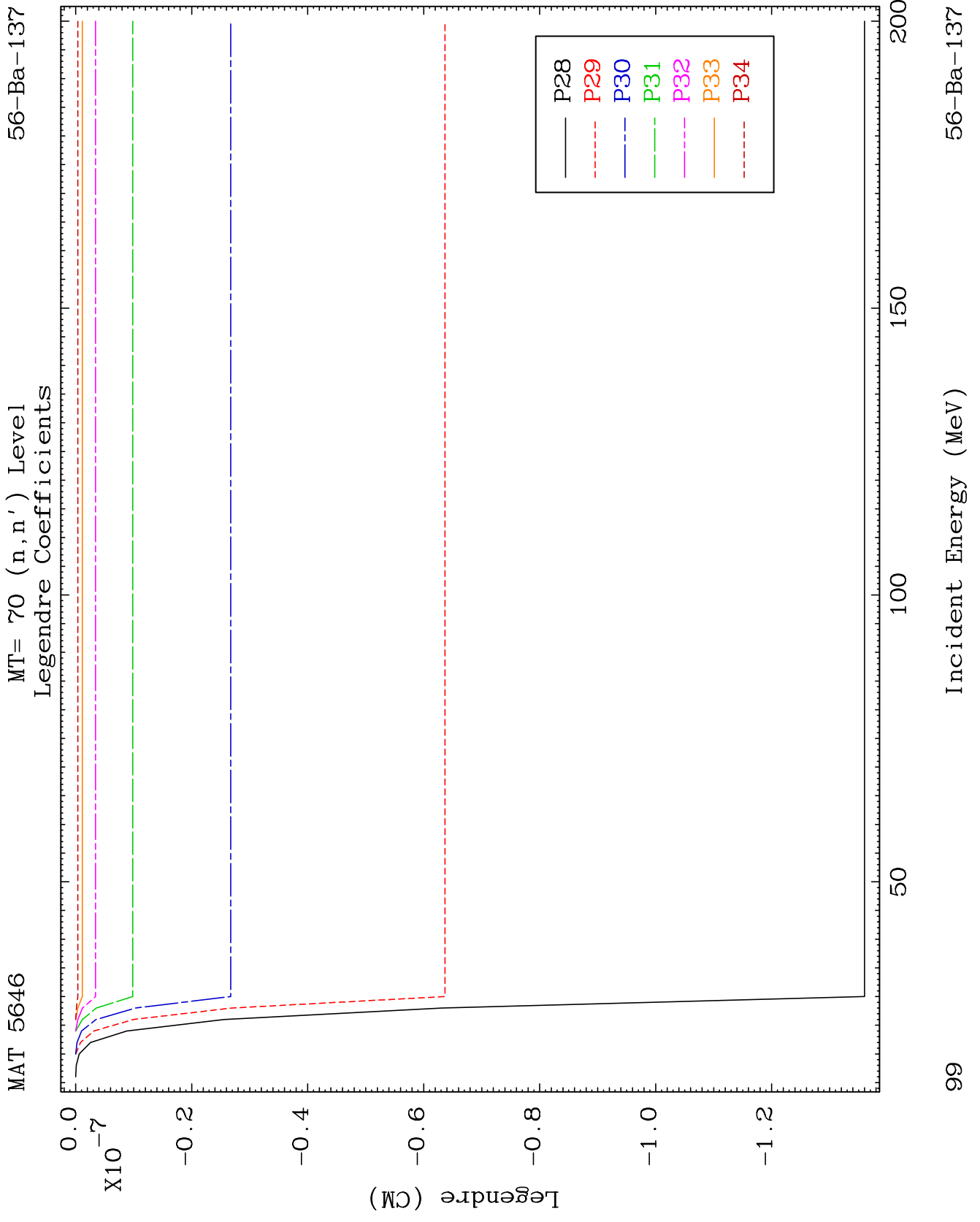
56-Ba-137

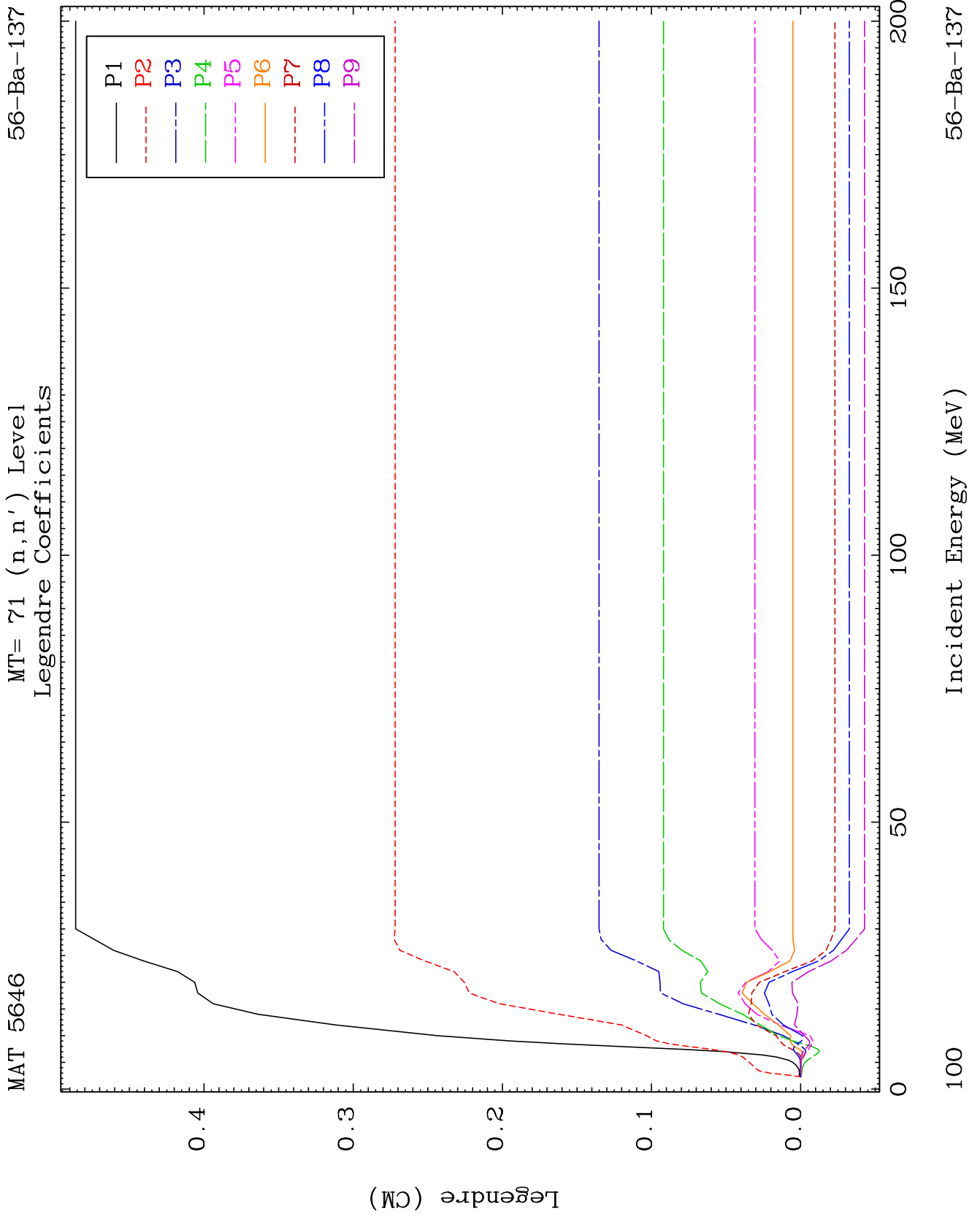
MAT 5646

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

56-Ba-137



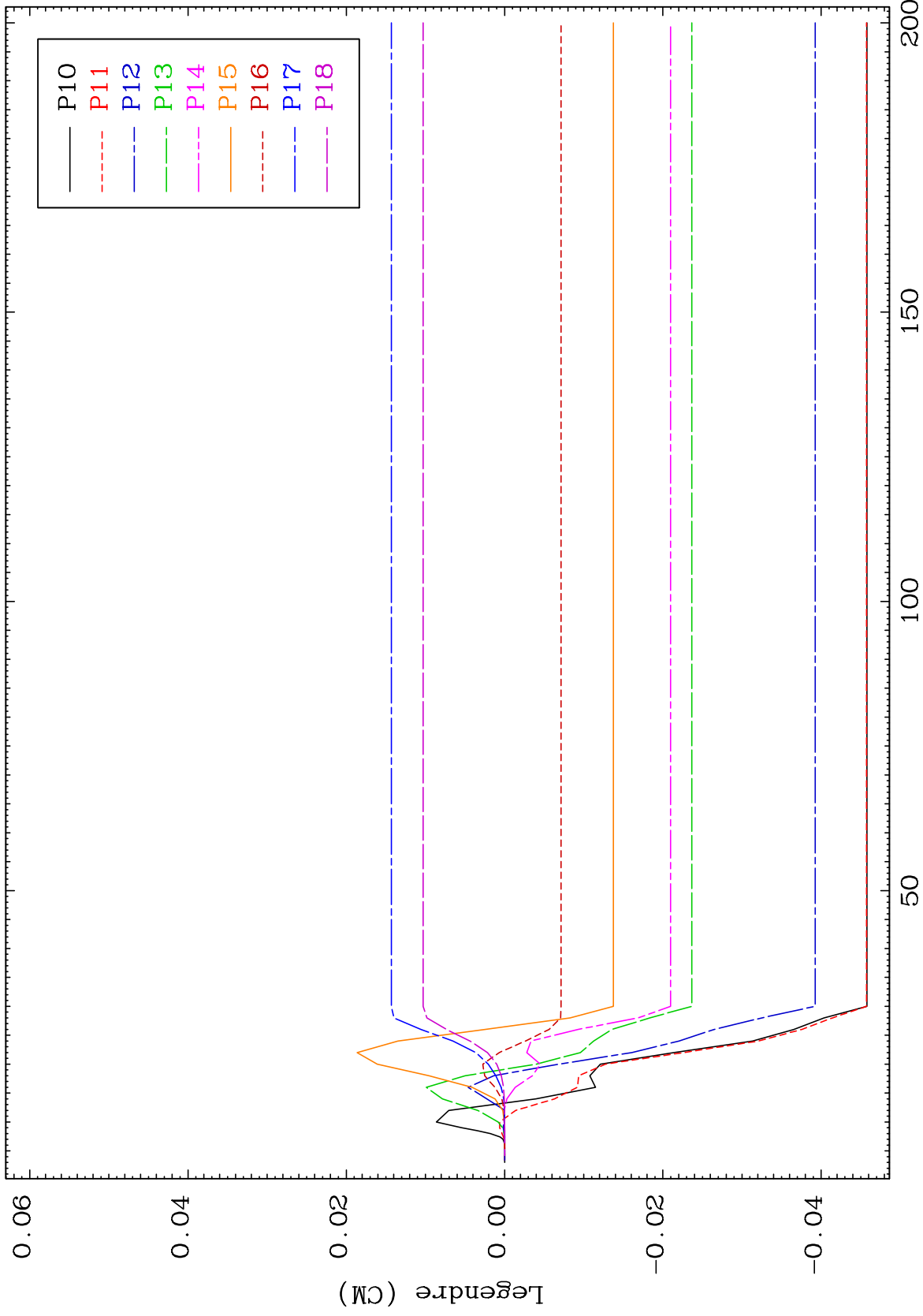




MAT 5646

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

56-Ba-137



101

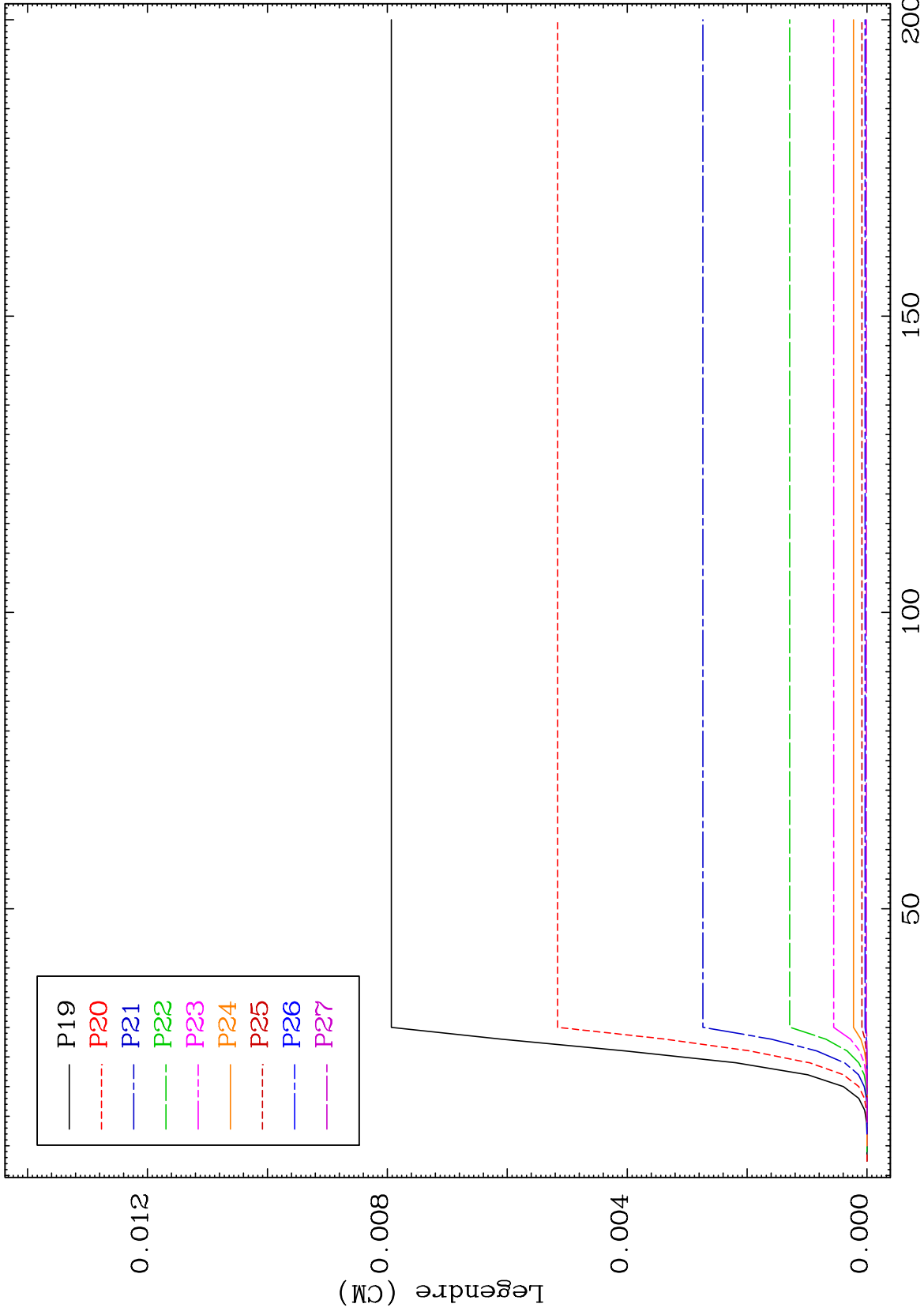
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



102

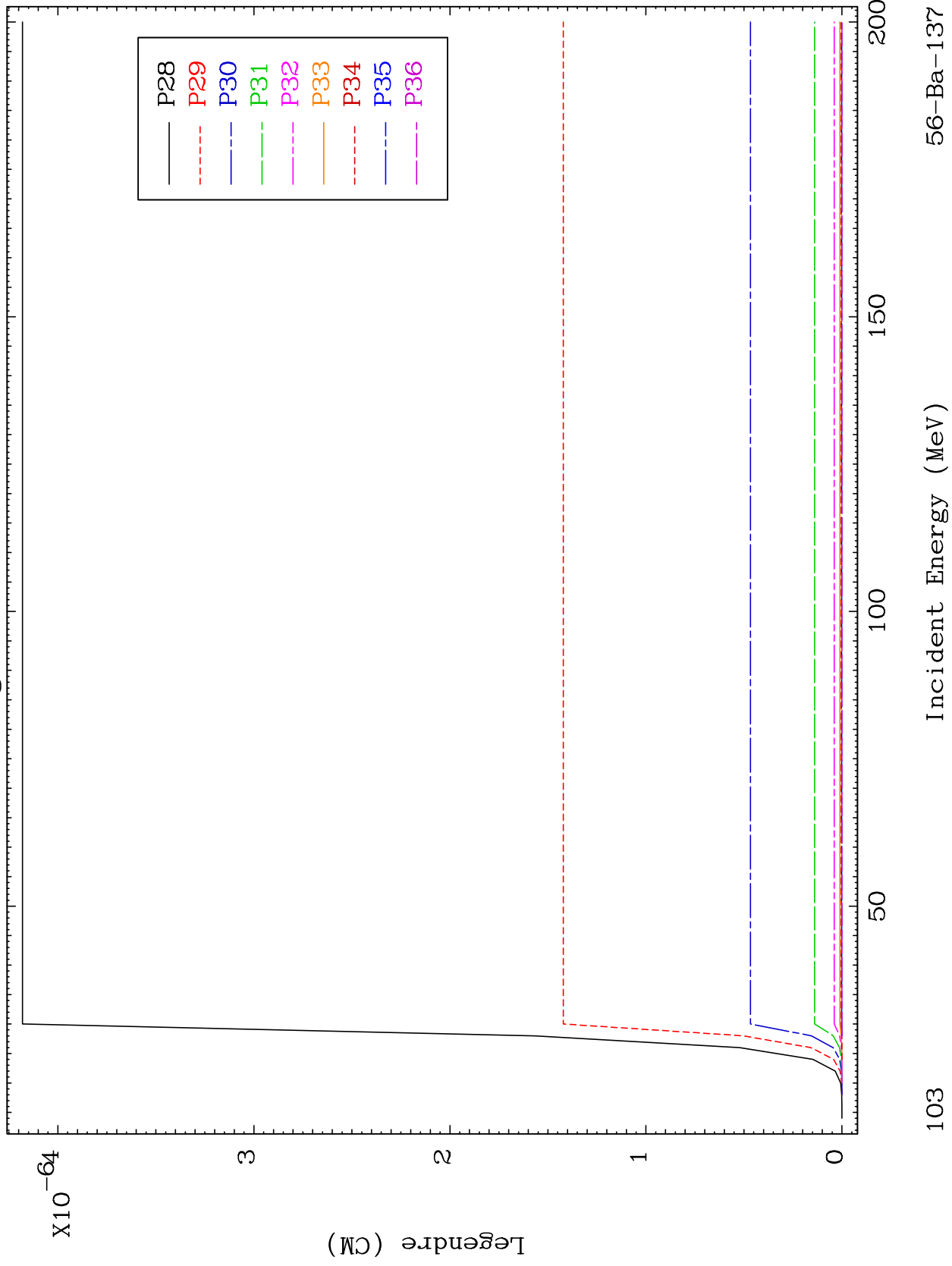
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

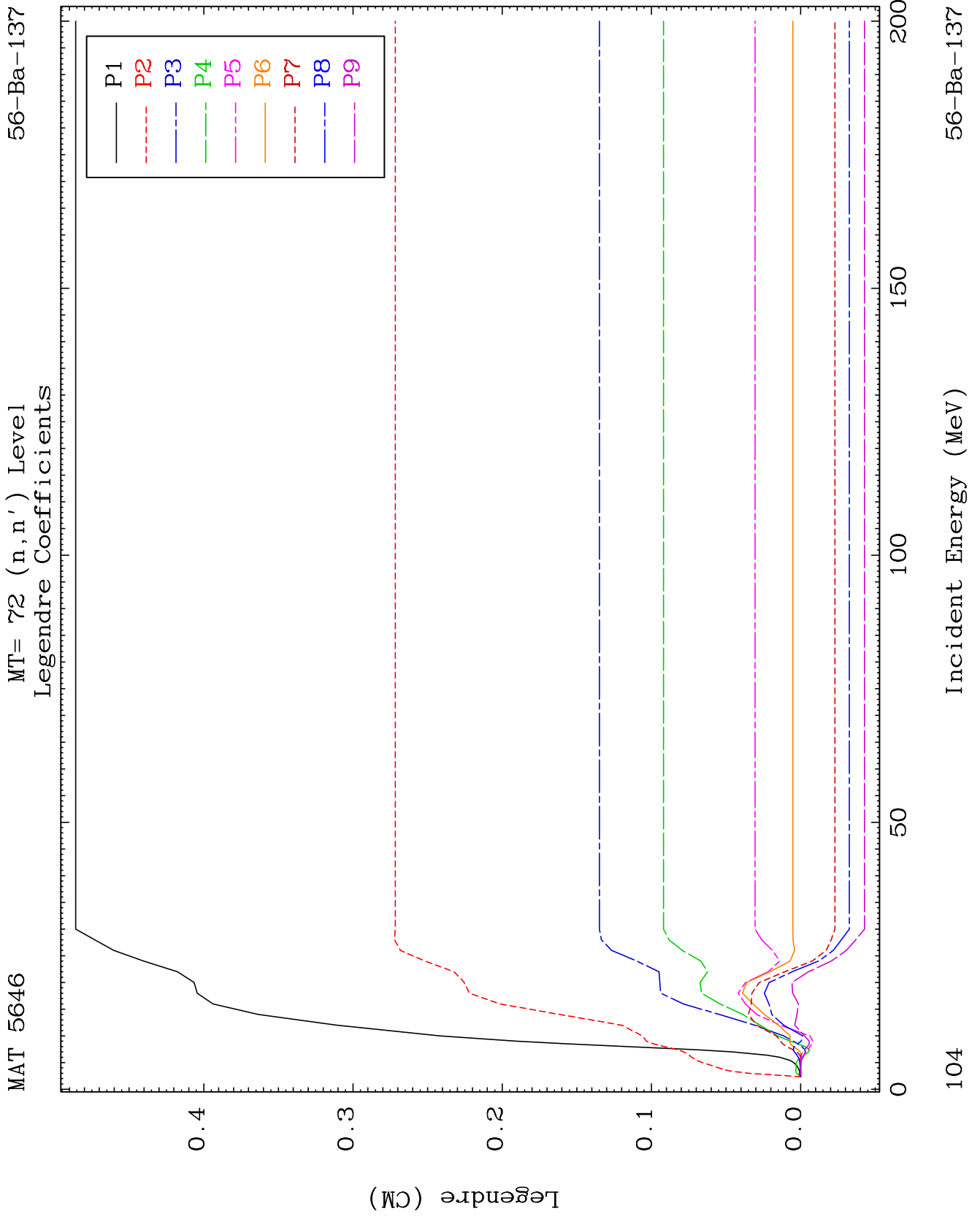
56-Ba-137



103

Incident Energy (MeV)

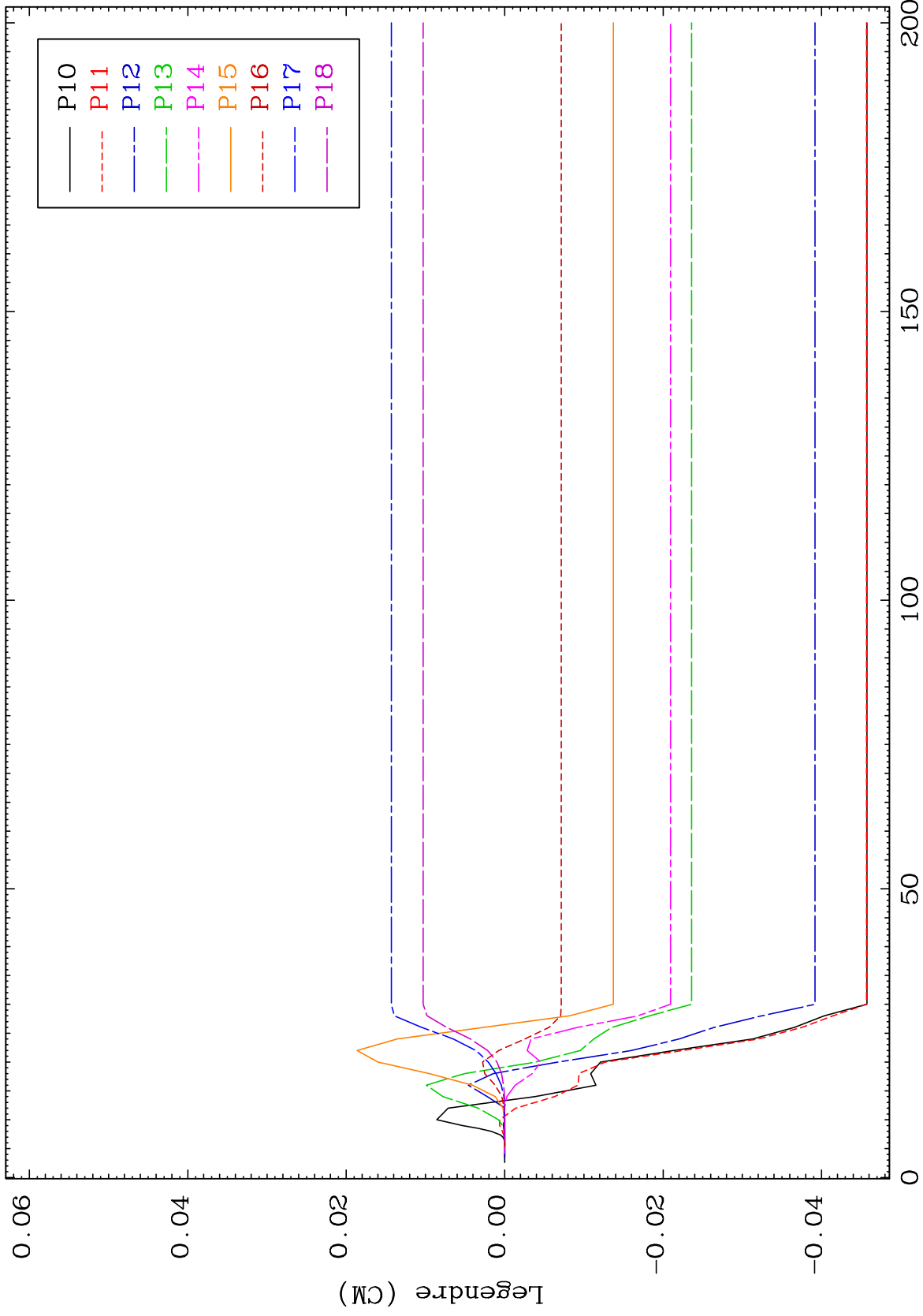
56-Ba-137



MAT 5646

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

56-Ba-137



105

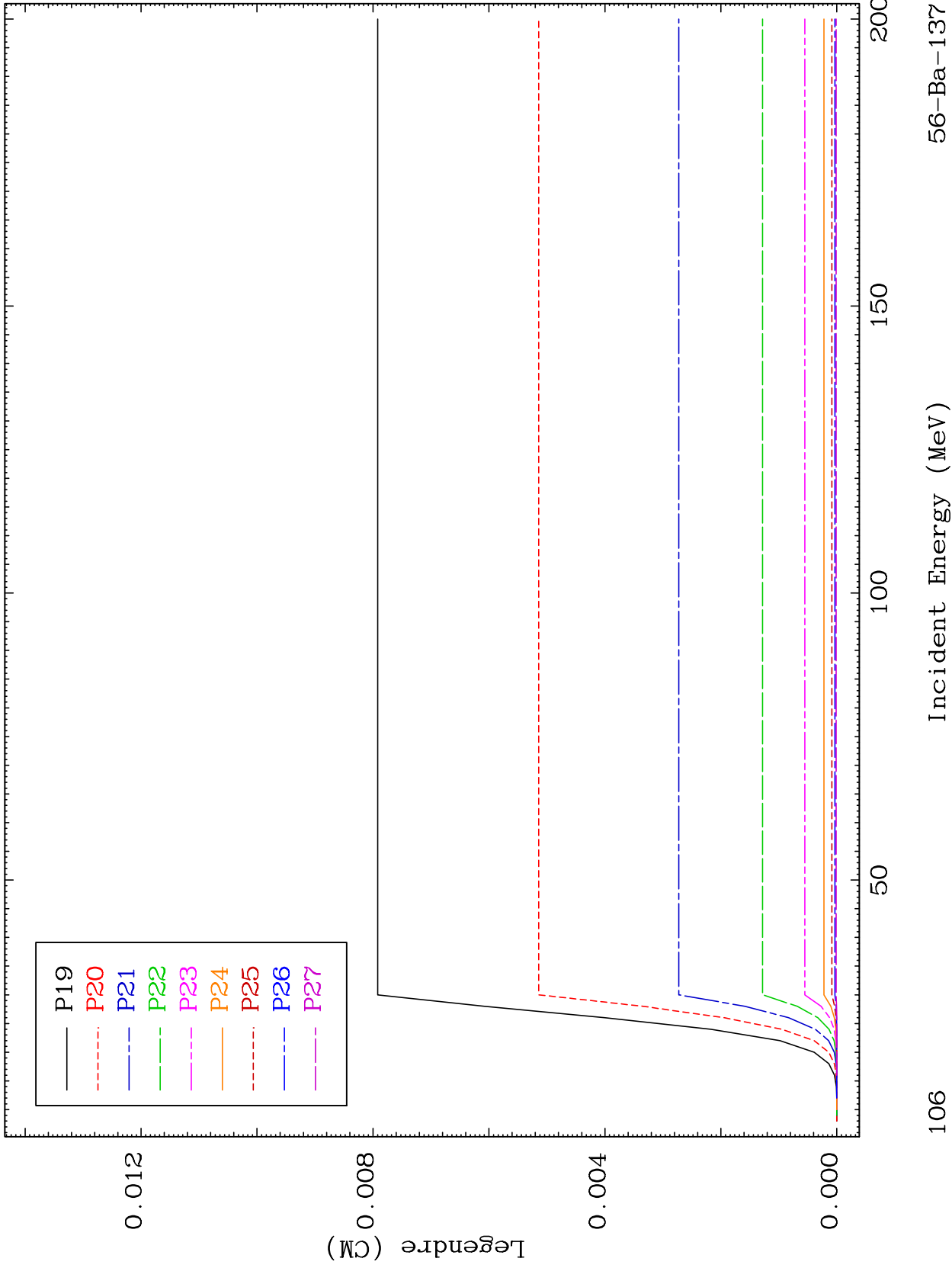
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



106

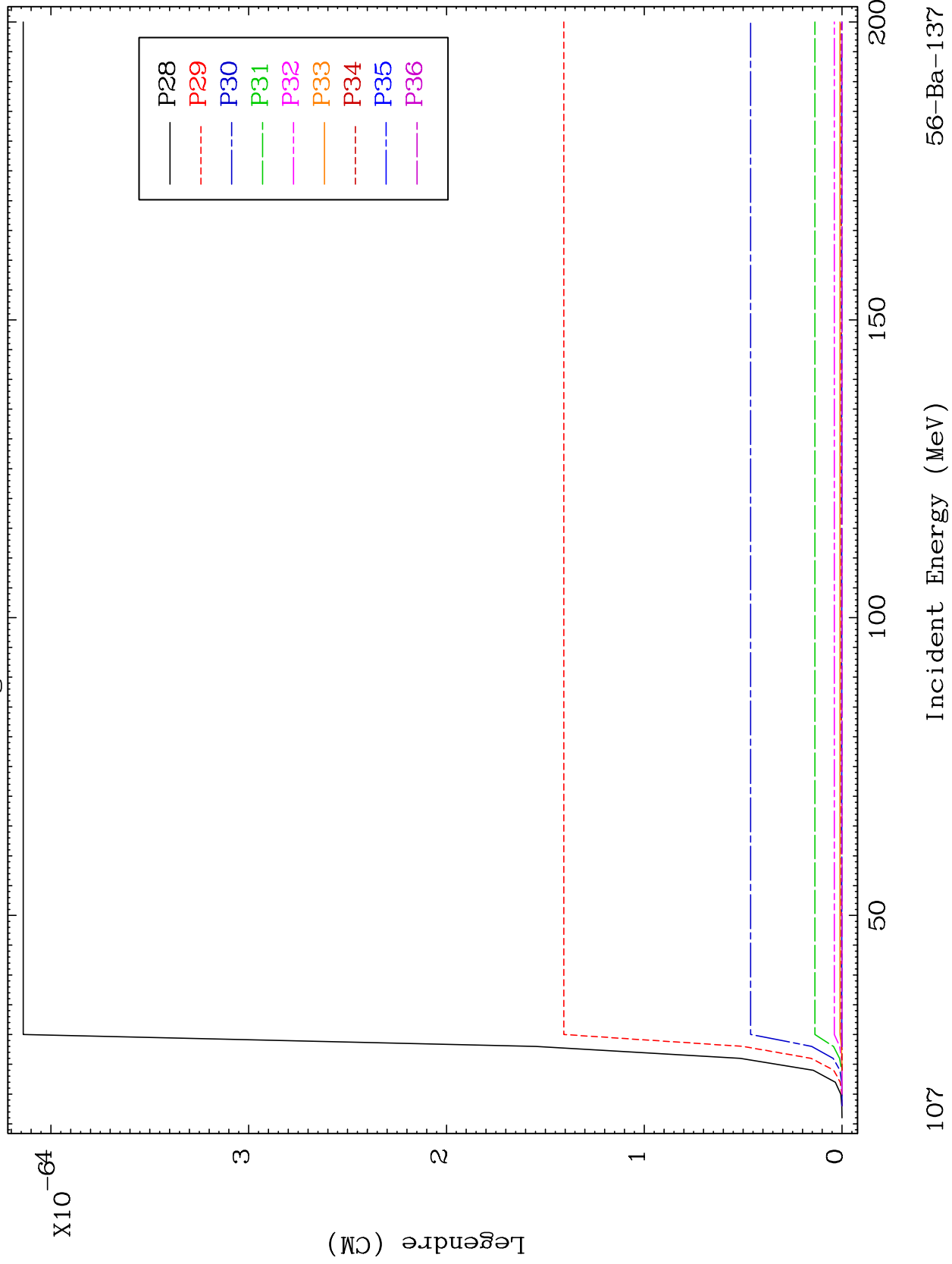
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

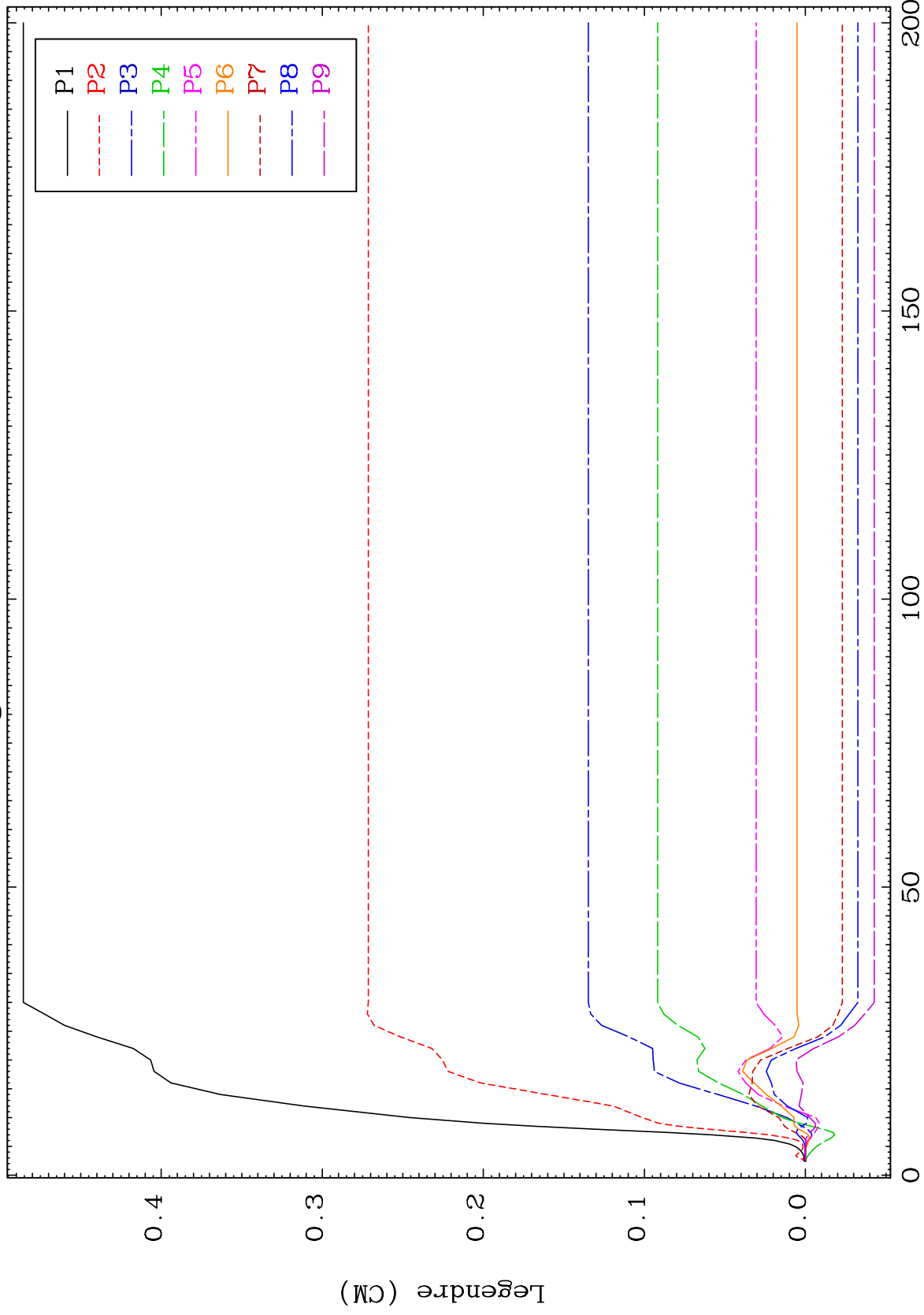
56-Ba-137



MAT 5646

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

56-Ba-137



56-Ba-137

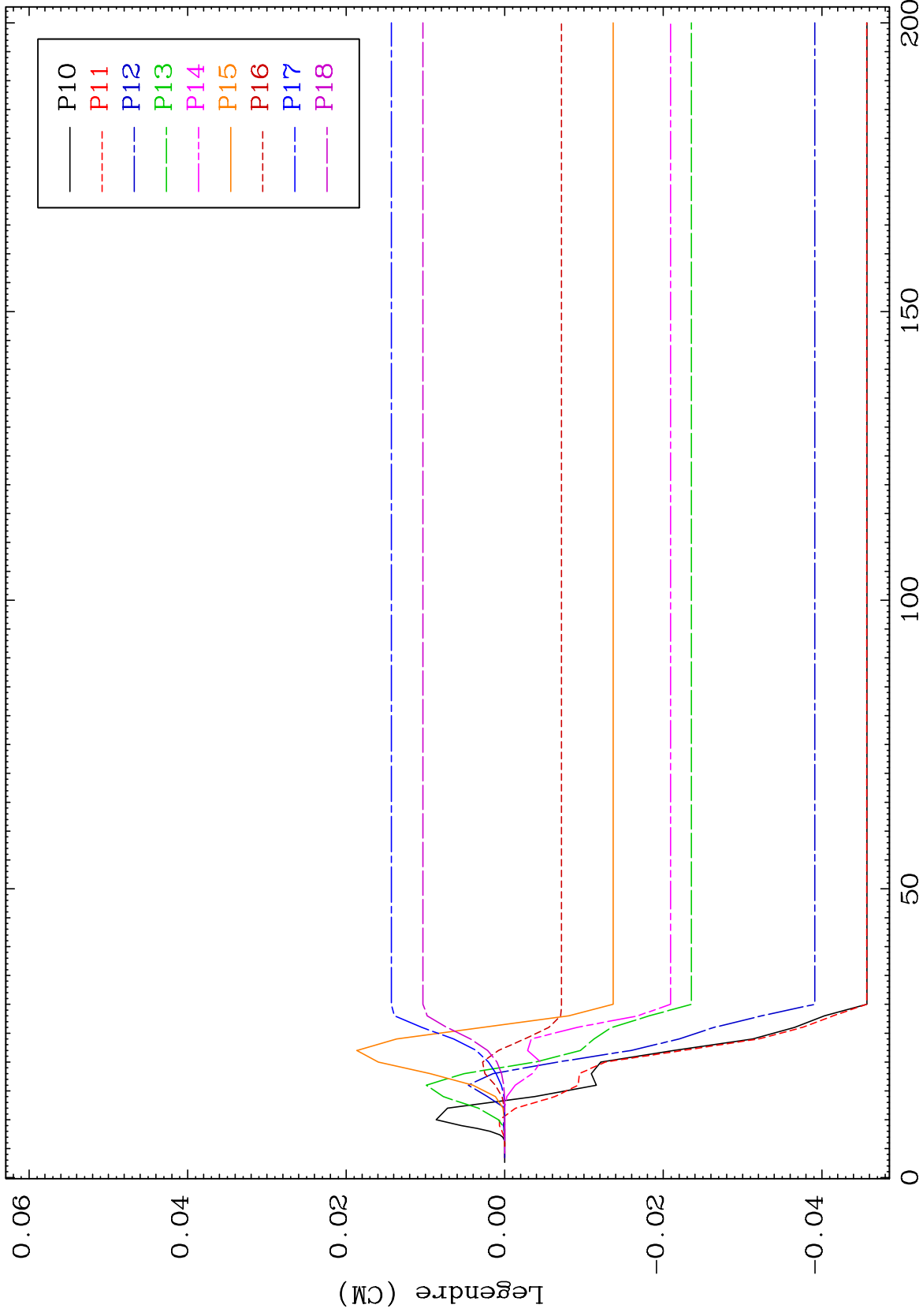
Incident Energy (MeV)

108

MAT 5646

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

56-Ba-137



109

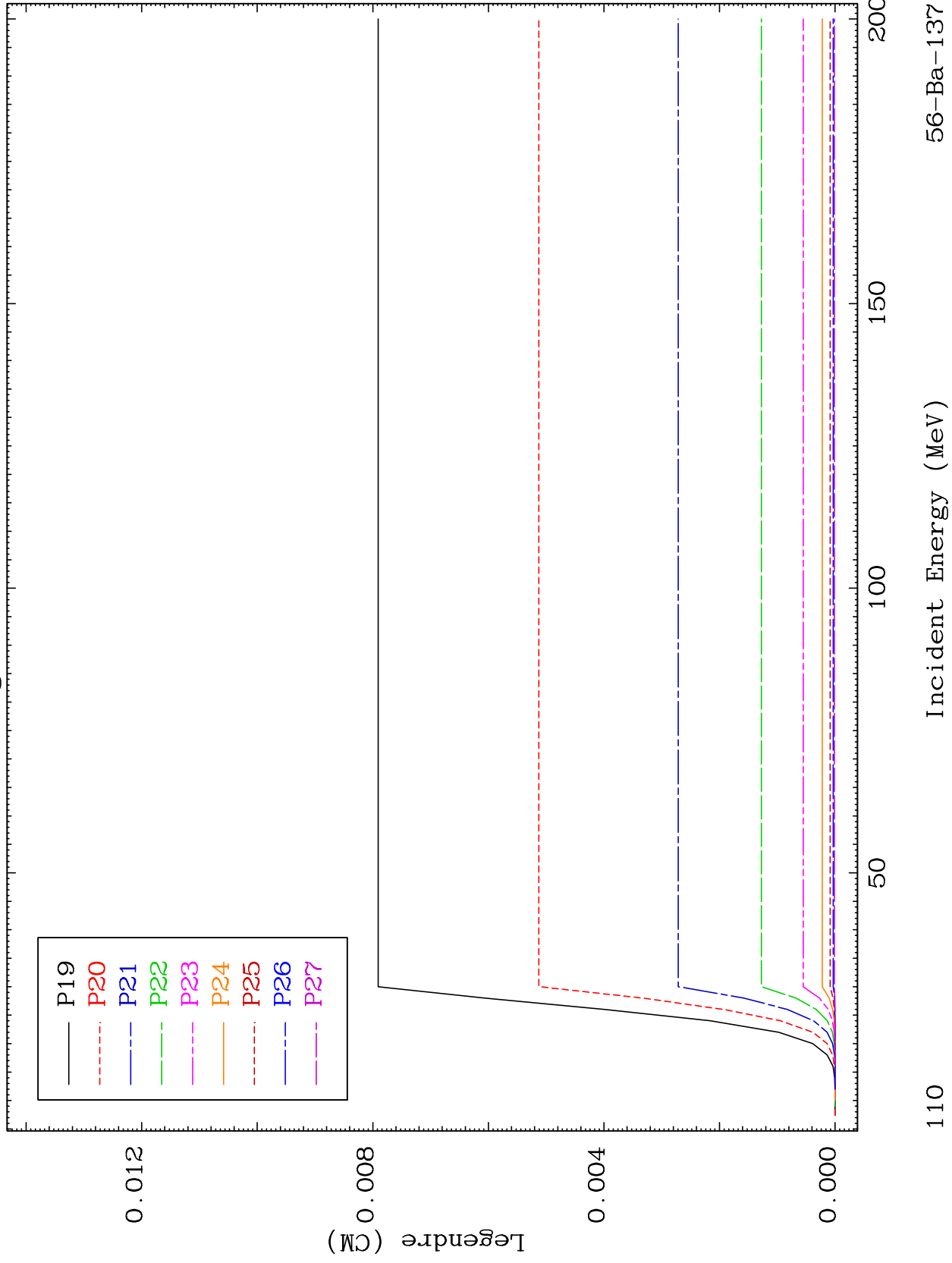
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



110

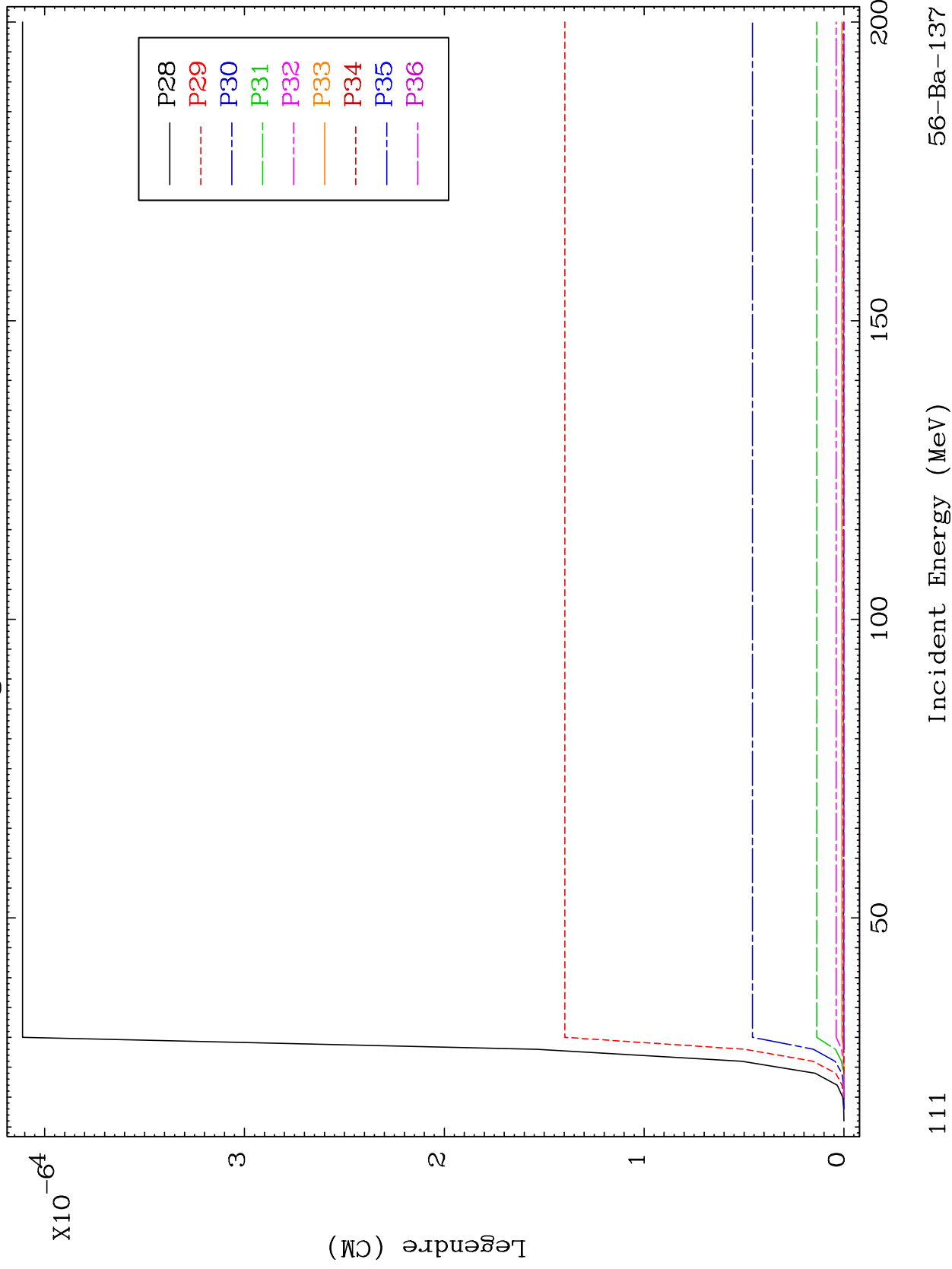
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

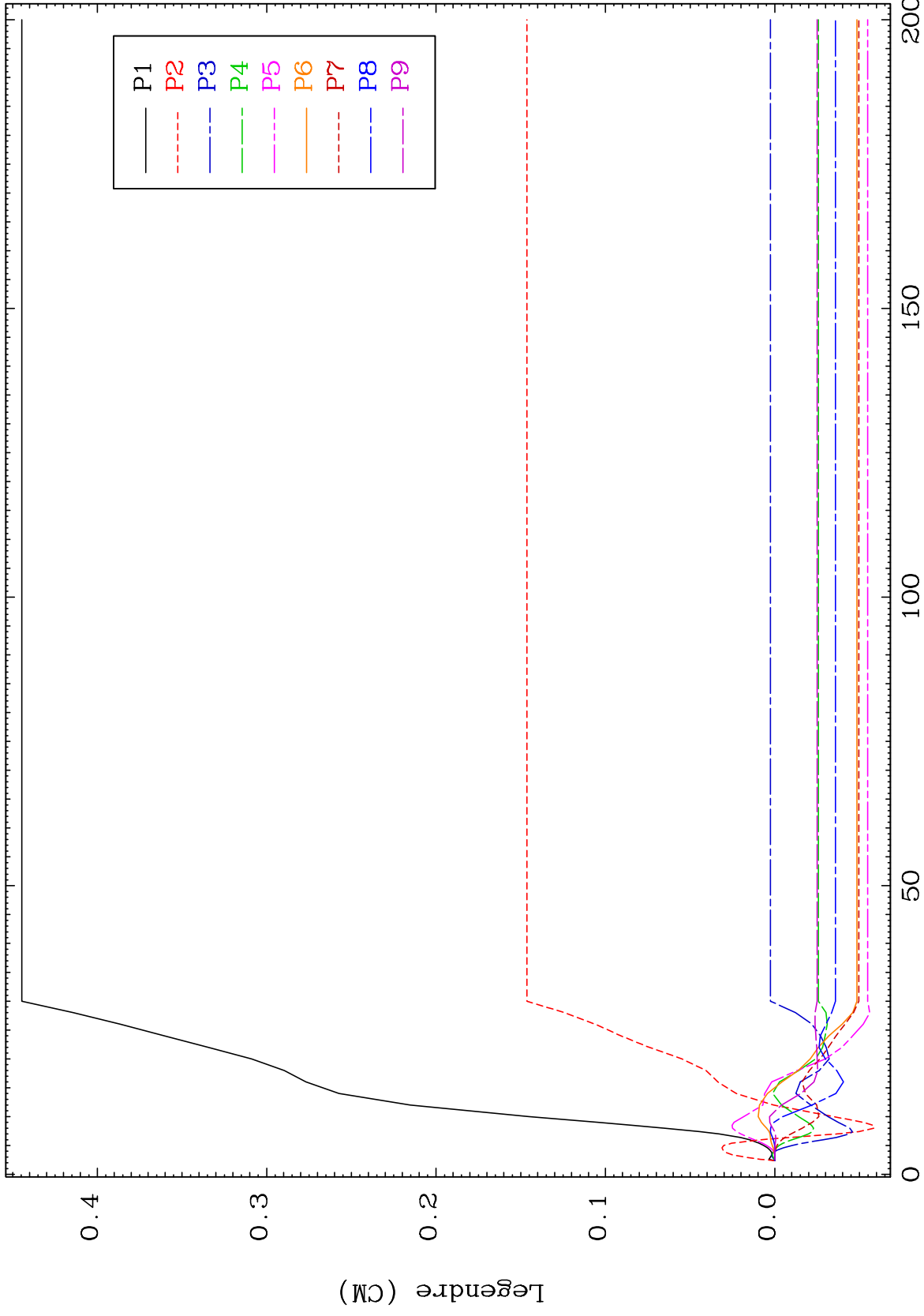
56-Ba-137



MAT 5646

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

56-Ba-137



112

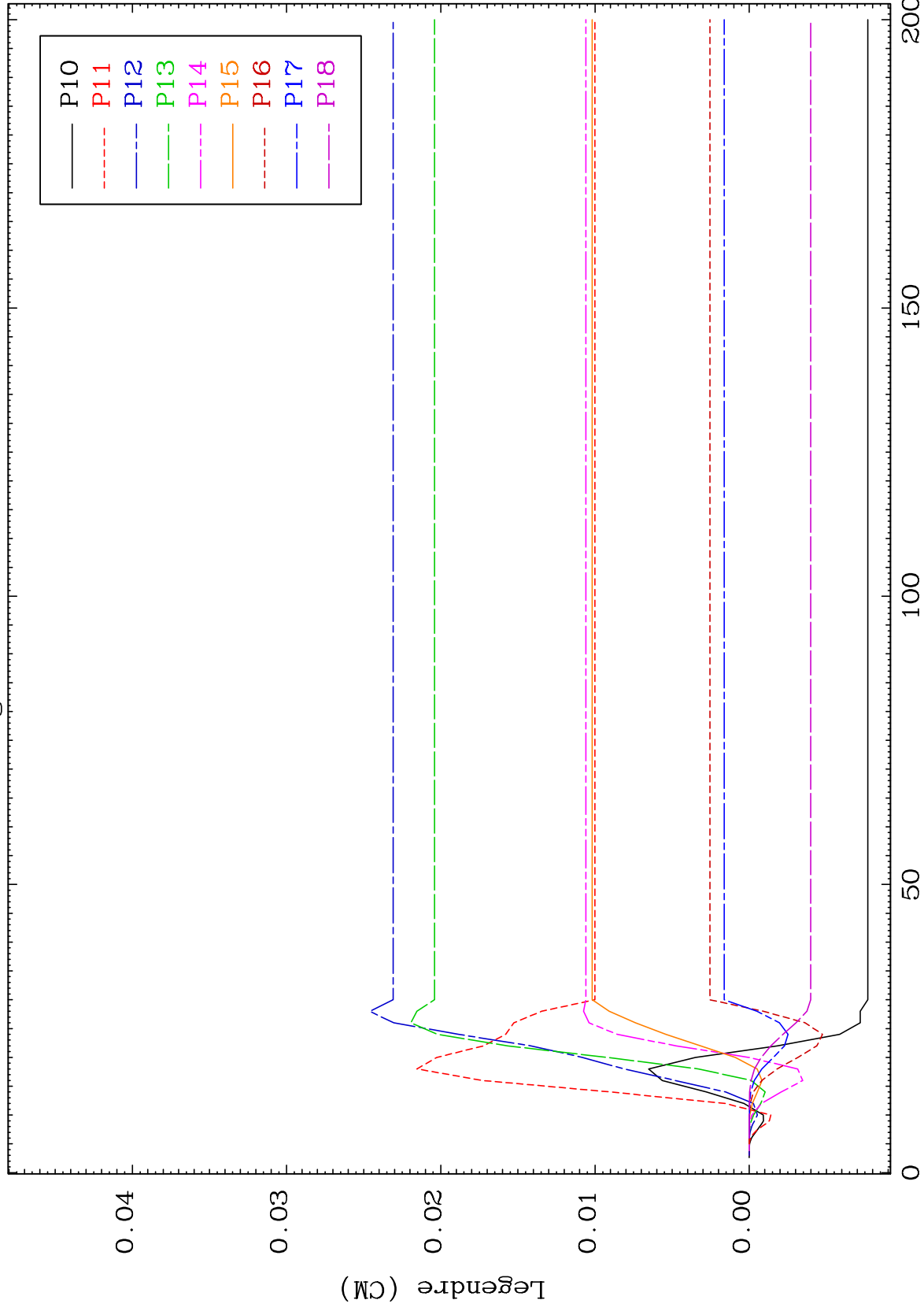
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



113

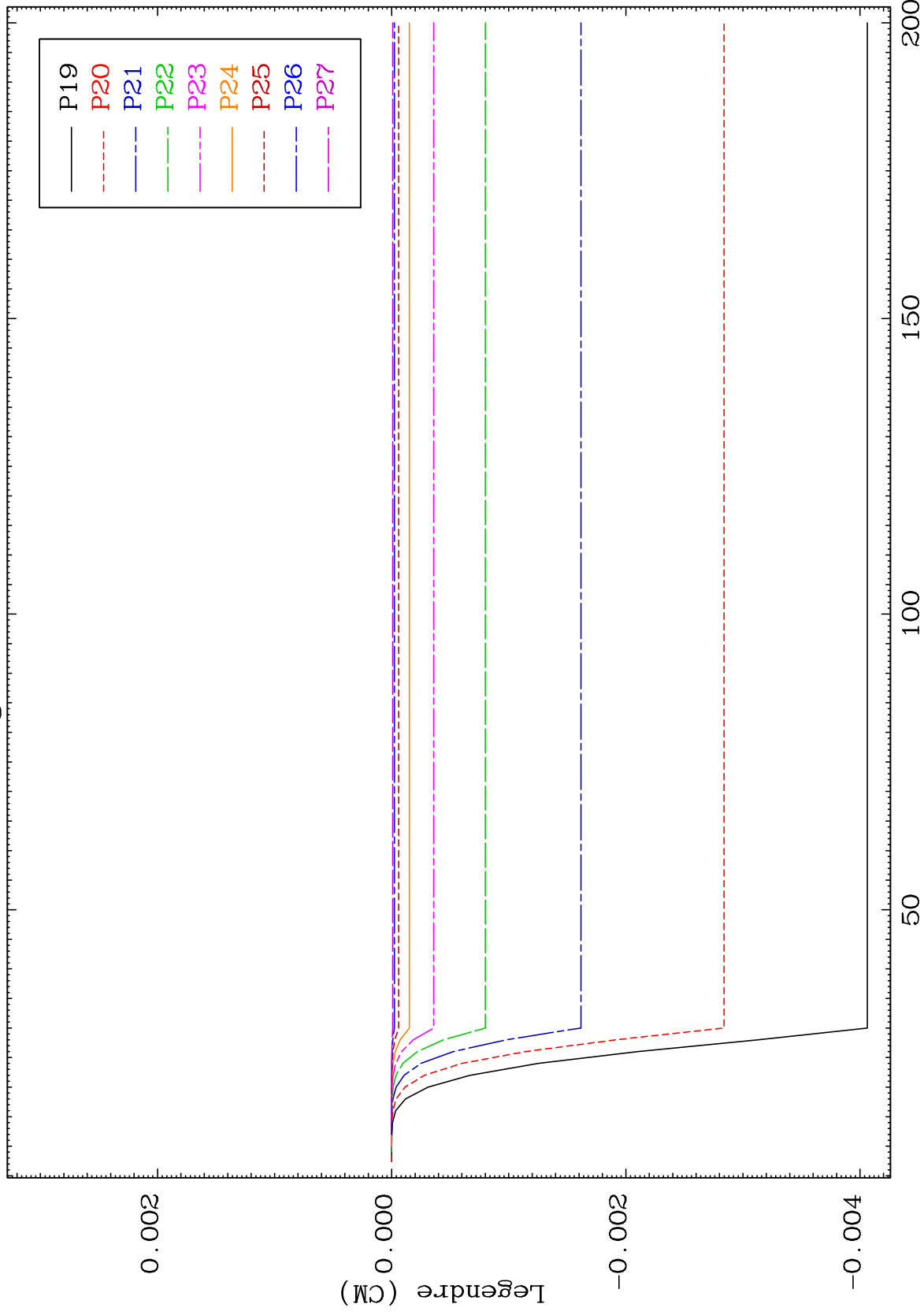
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

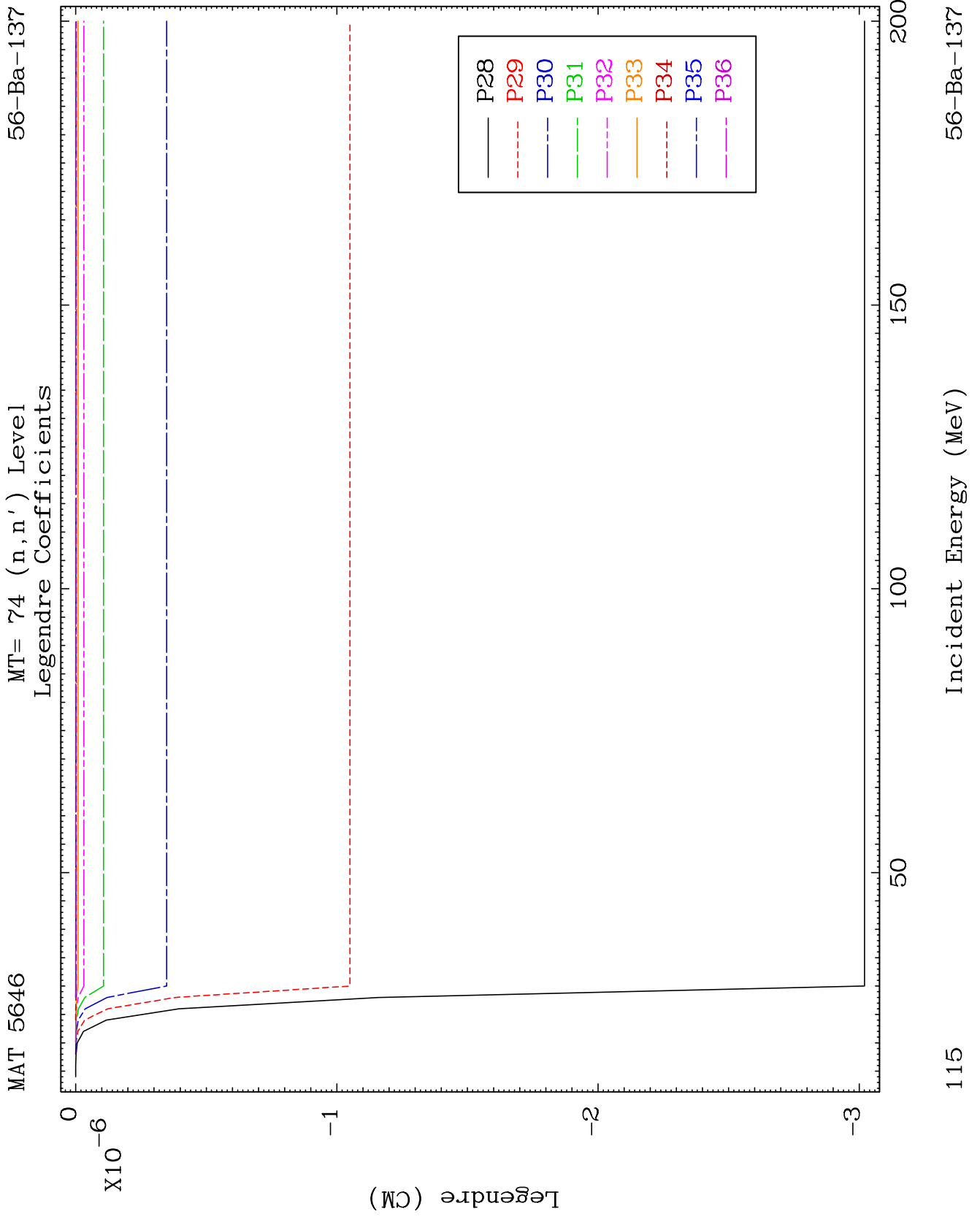
56-Ba-137



114

Incident Energy (MeV)

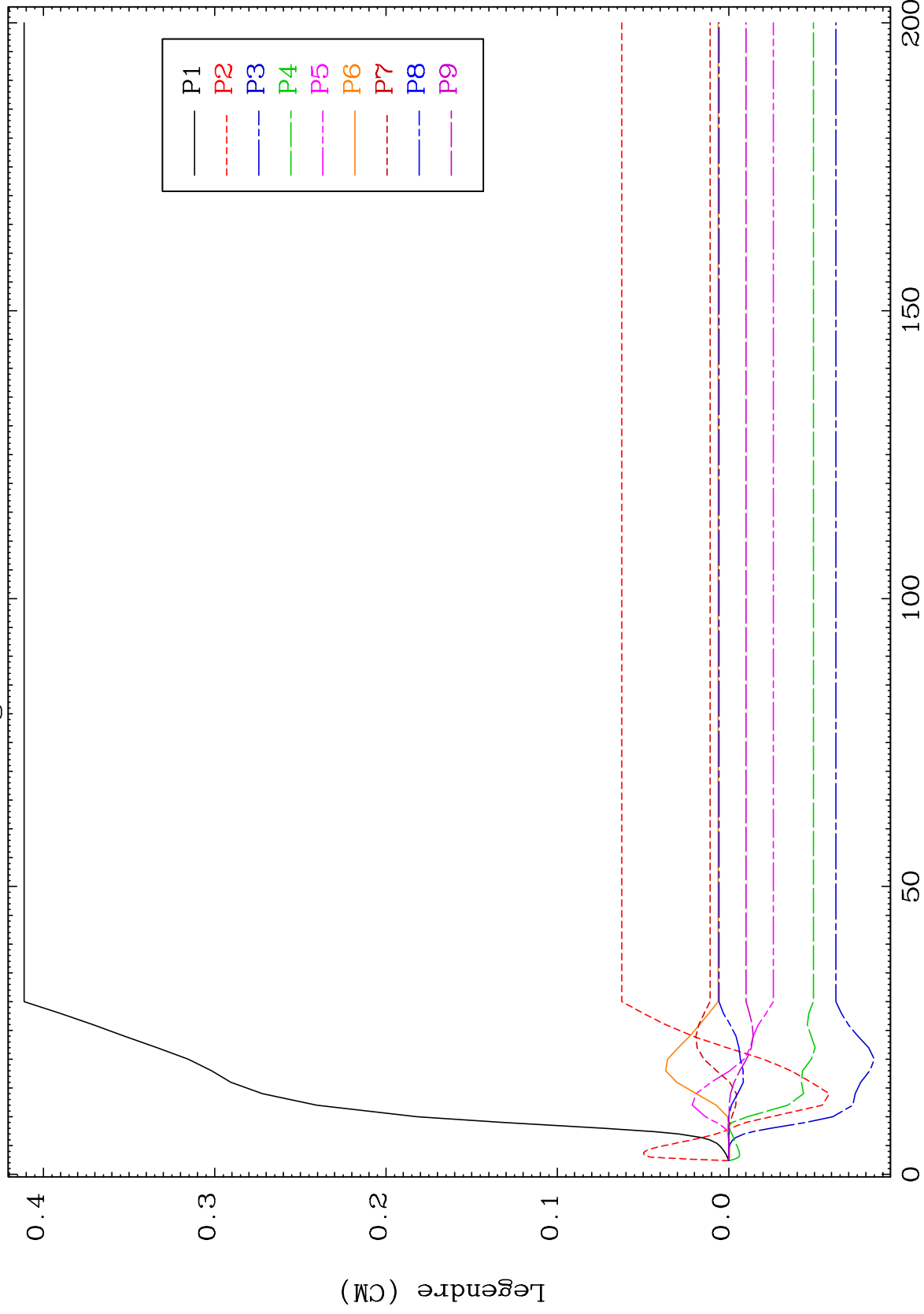
56-Ba-137



MAT 5646

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

56-Ba-137



56-Ba-137

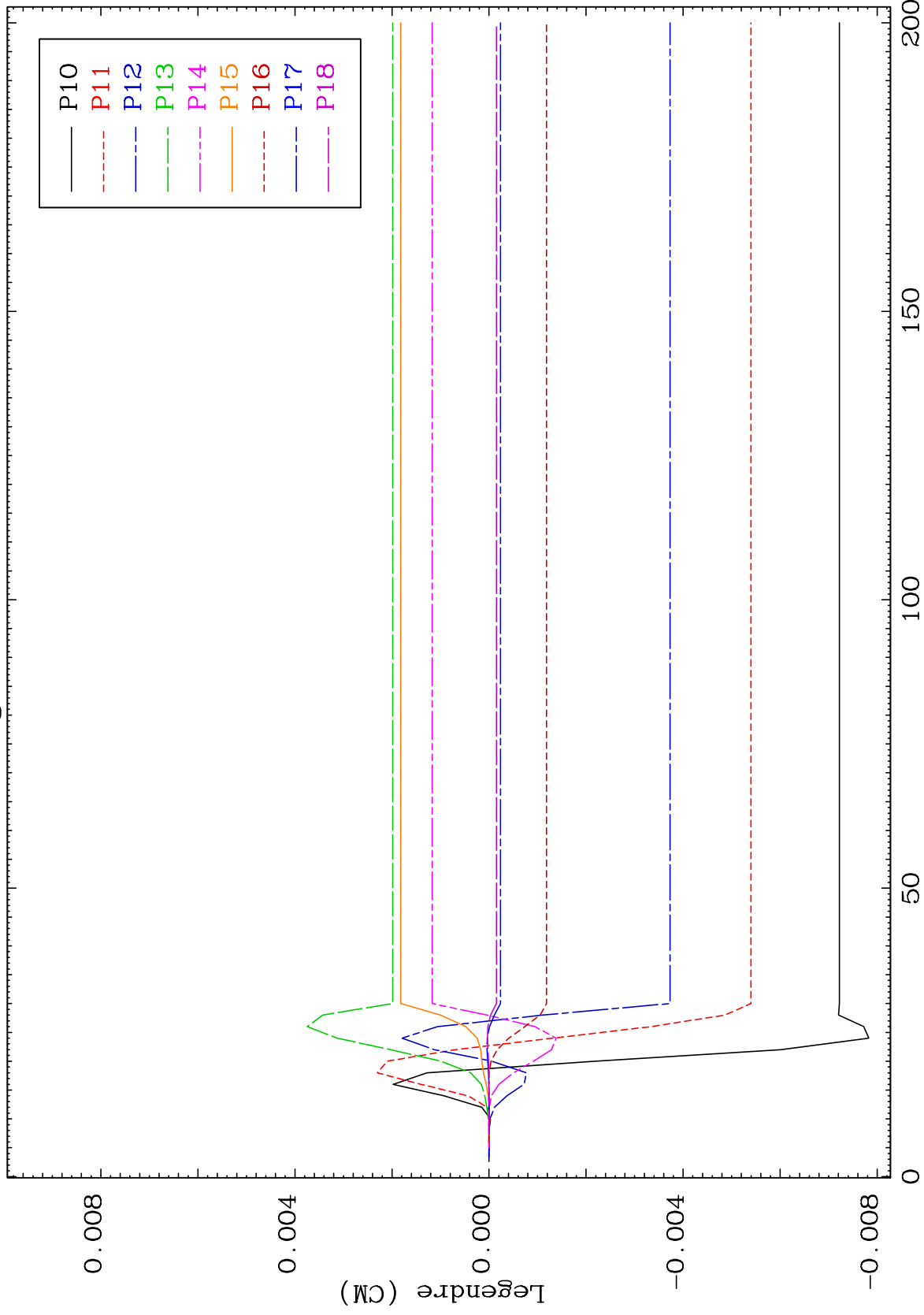
Incident Energy (MeV)

116

MAT 5646

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

56-Ba-137



117

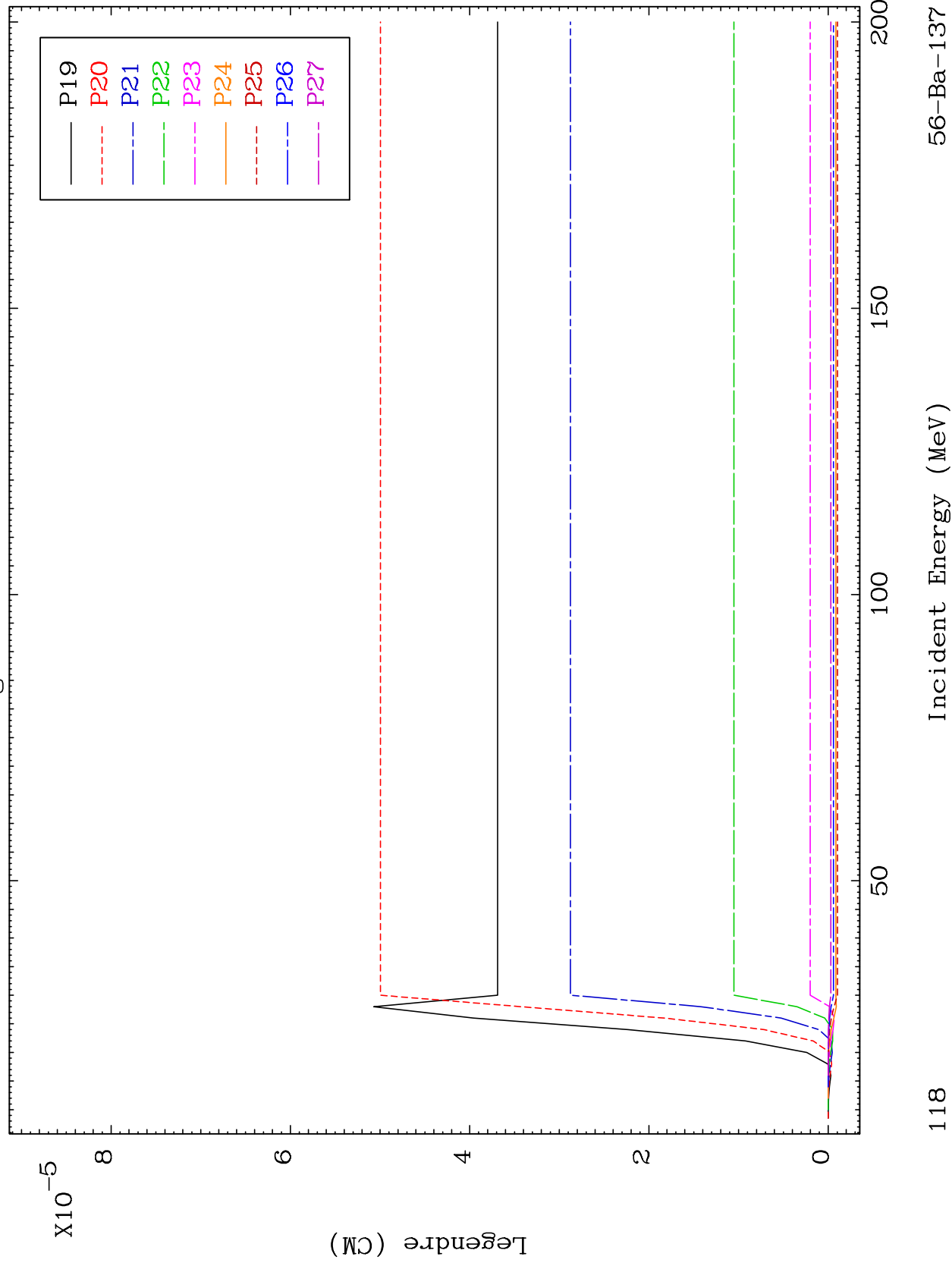
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

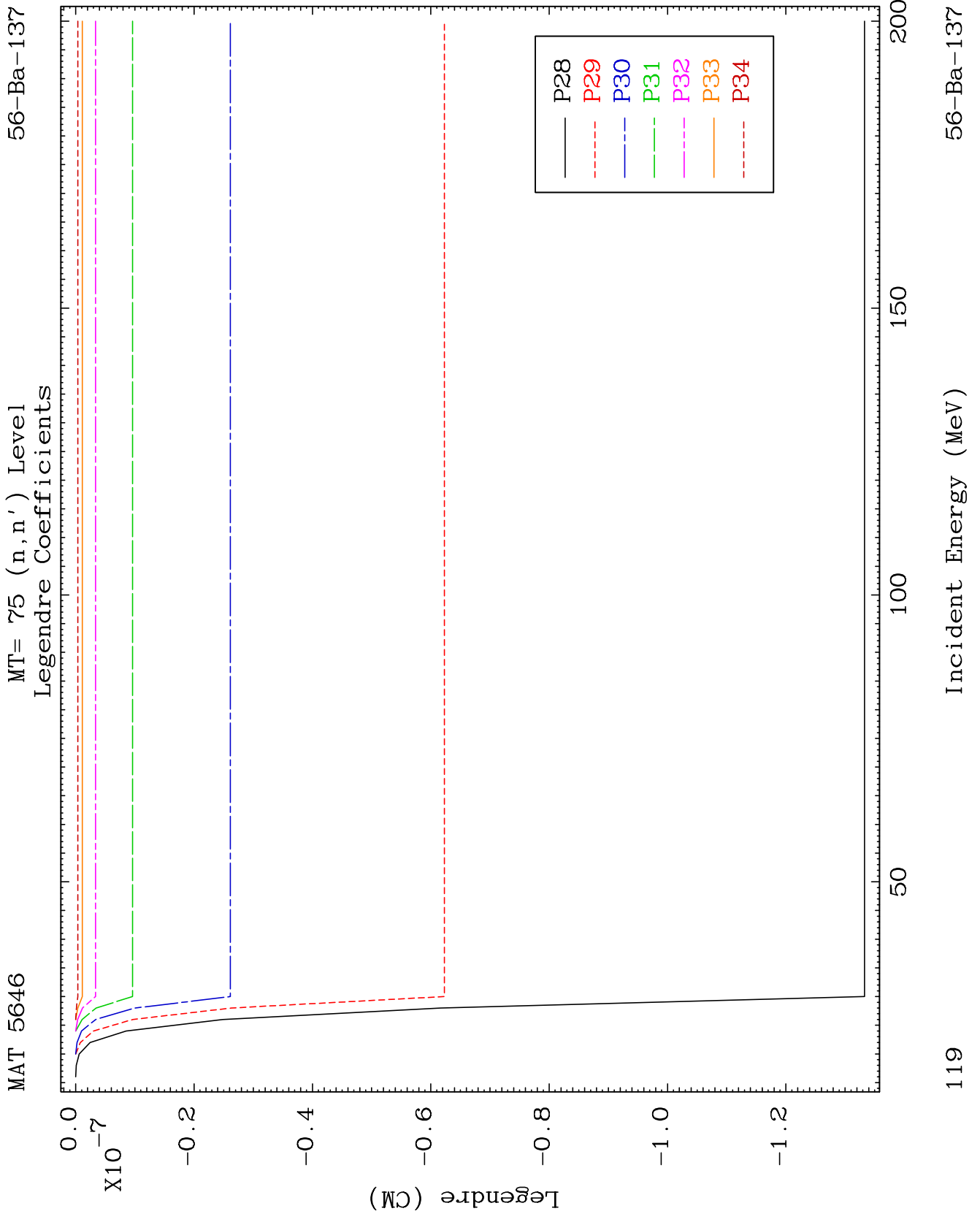
56-Ba-137



118

Incident Energy (MeV)

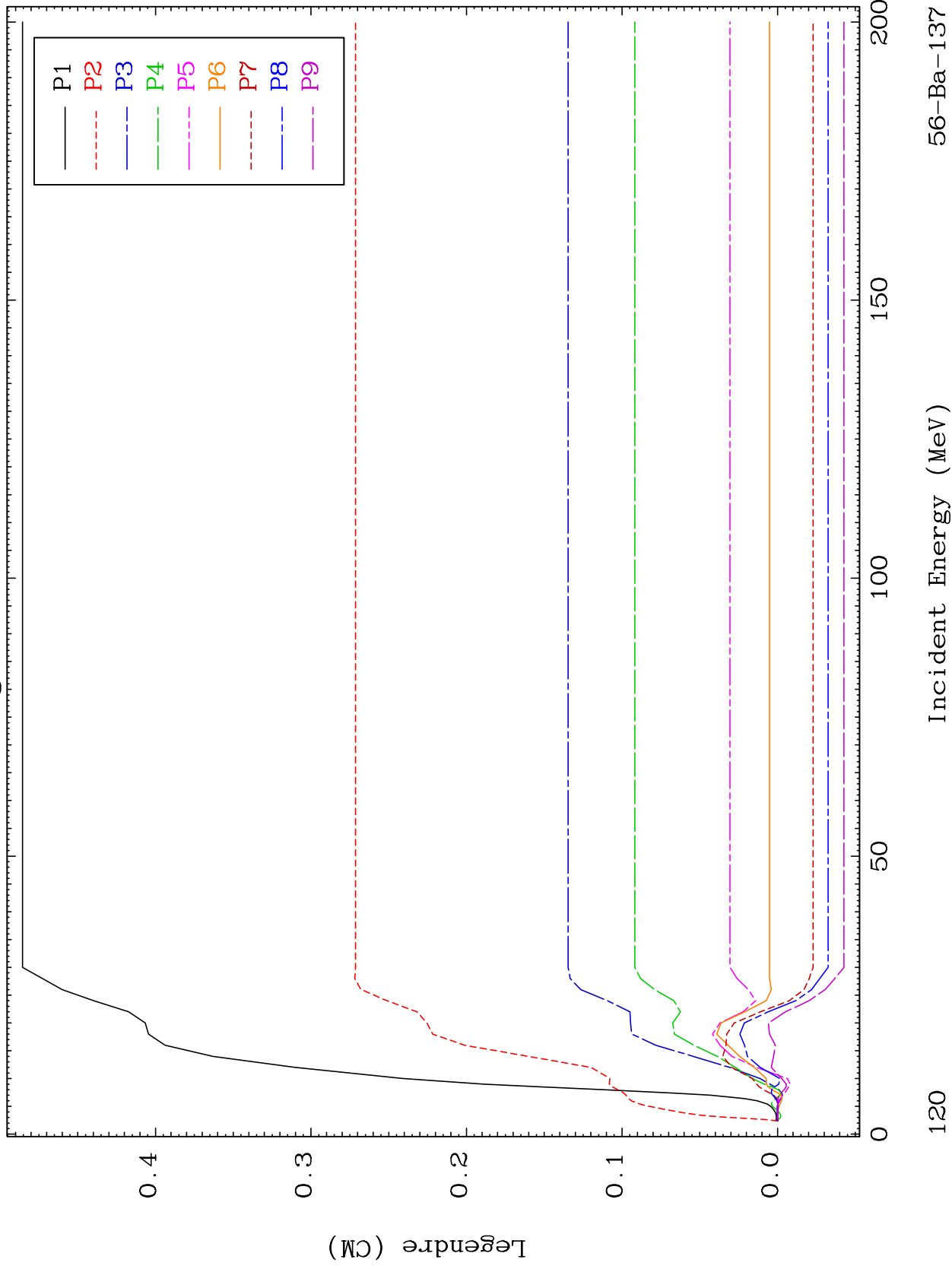
56-Ba-137



MAT 5646

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

56-Ba-137



56-Ba-137

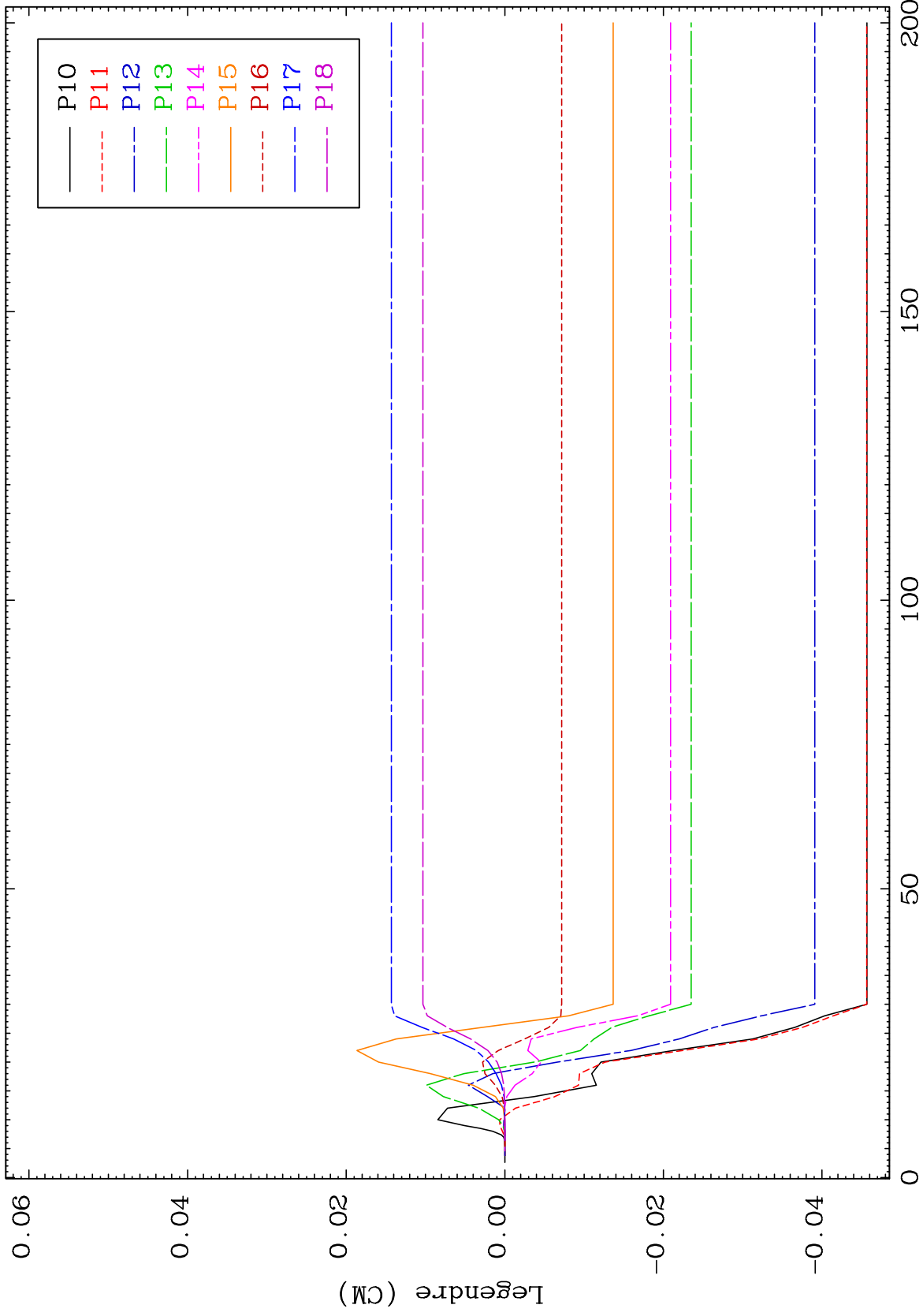
Incident Energy (MeV)

120

MAT 5646

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

56-Ba-137



121

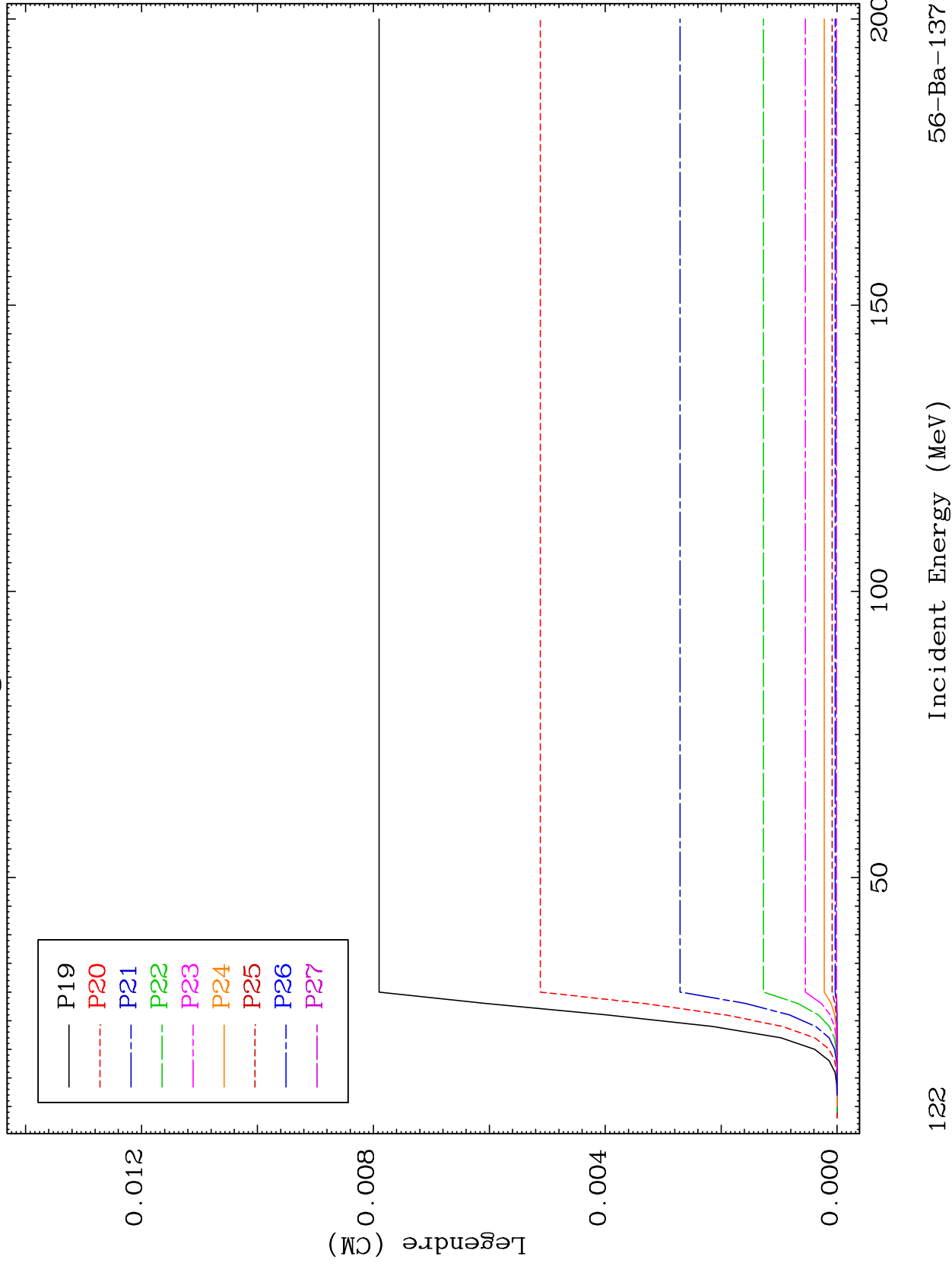
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



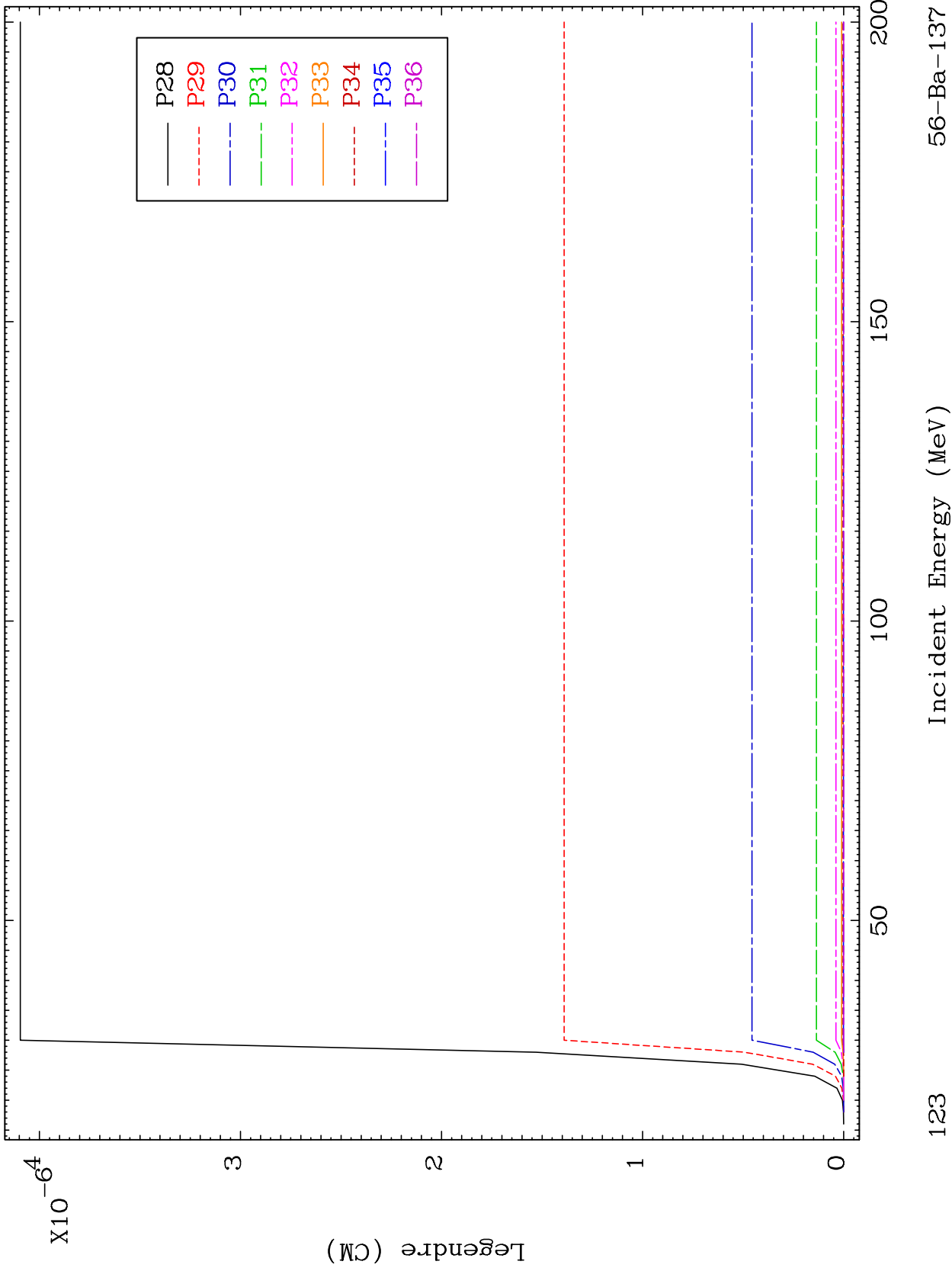
122

56-Ba-137

MAT 5646

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

56-Ba-137



123

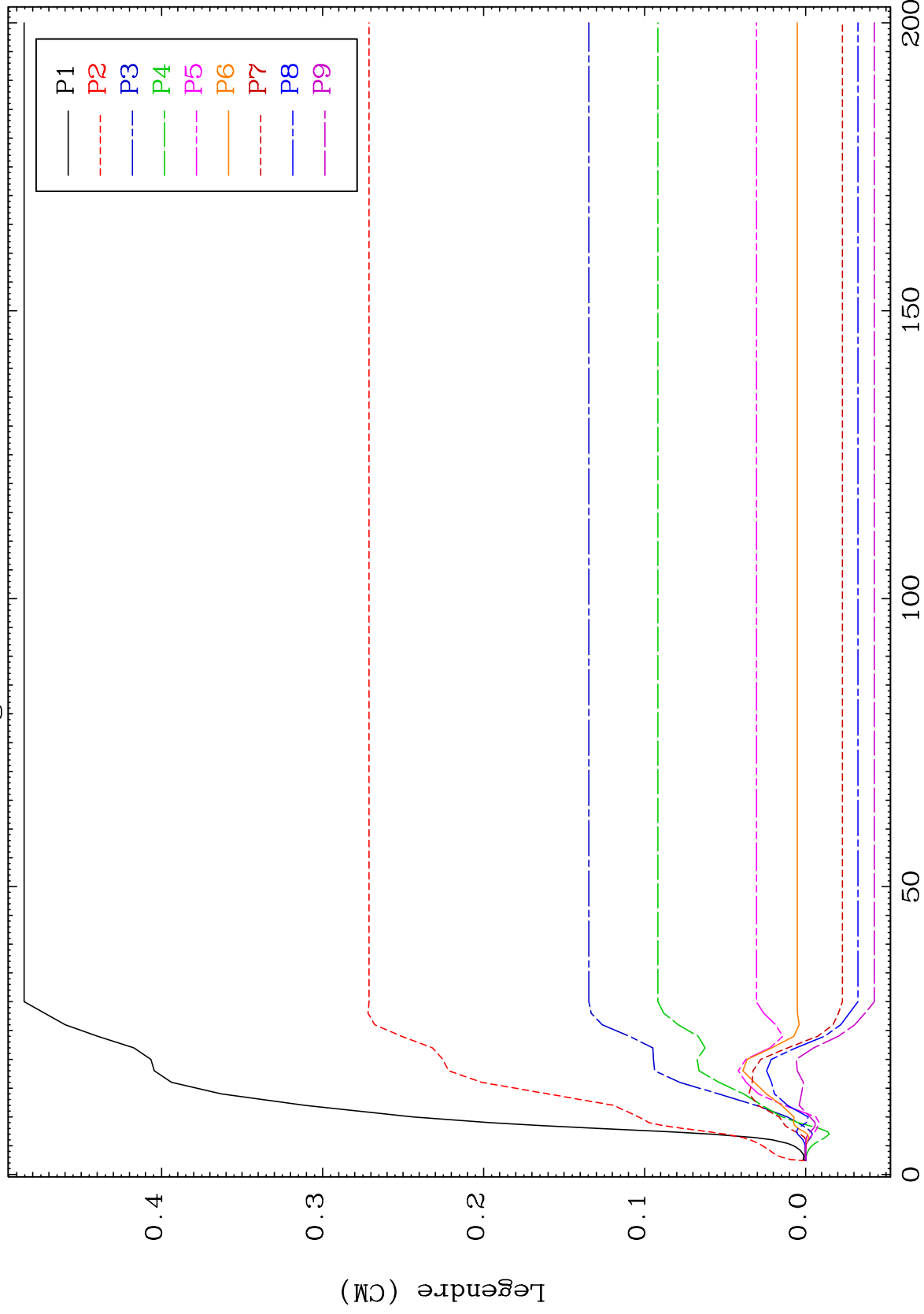
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



124

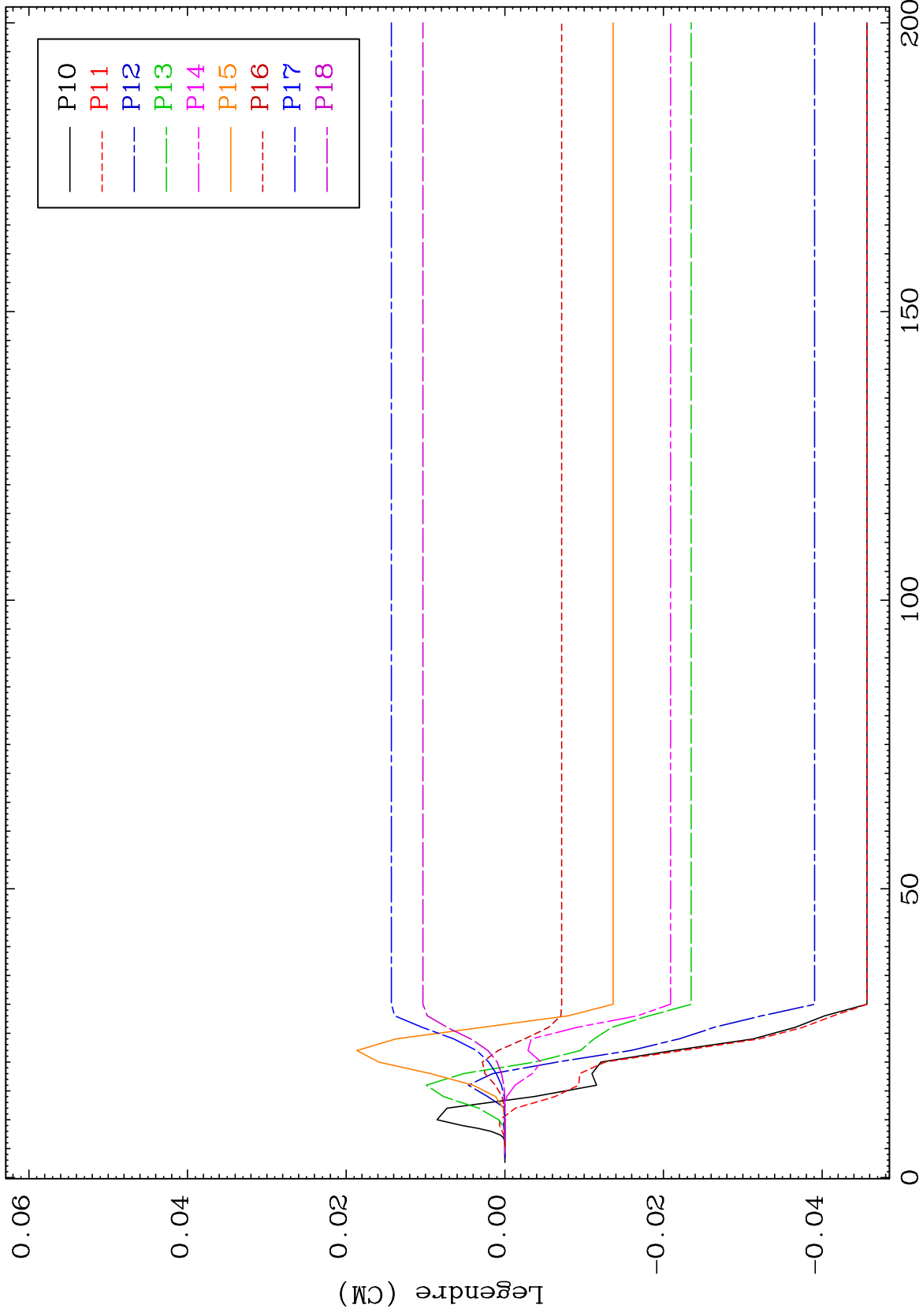
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



125

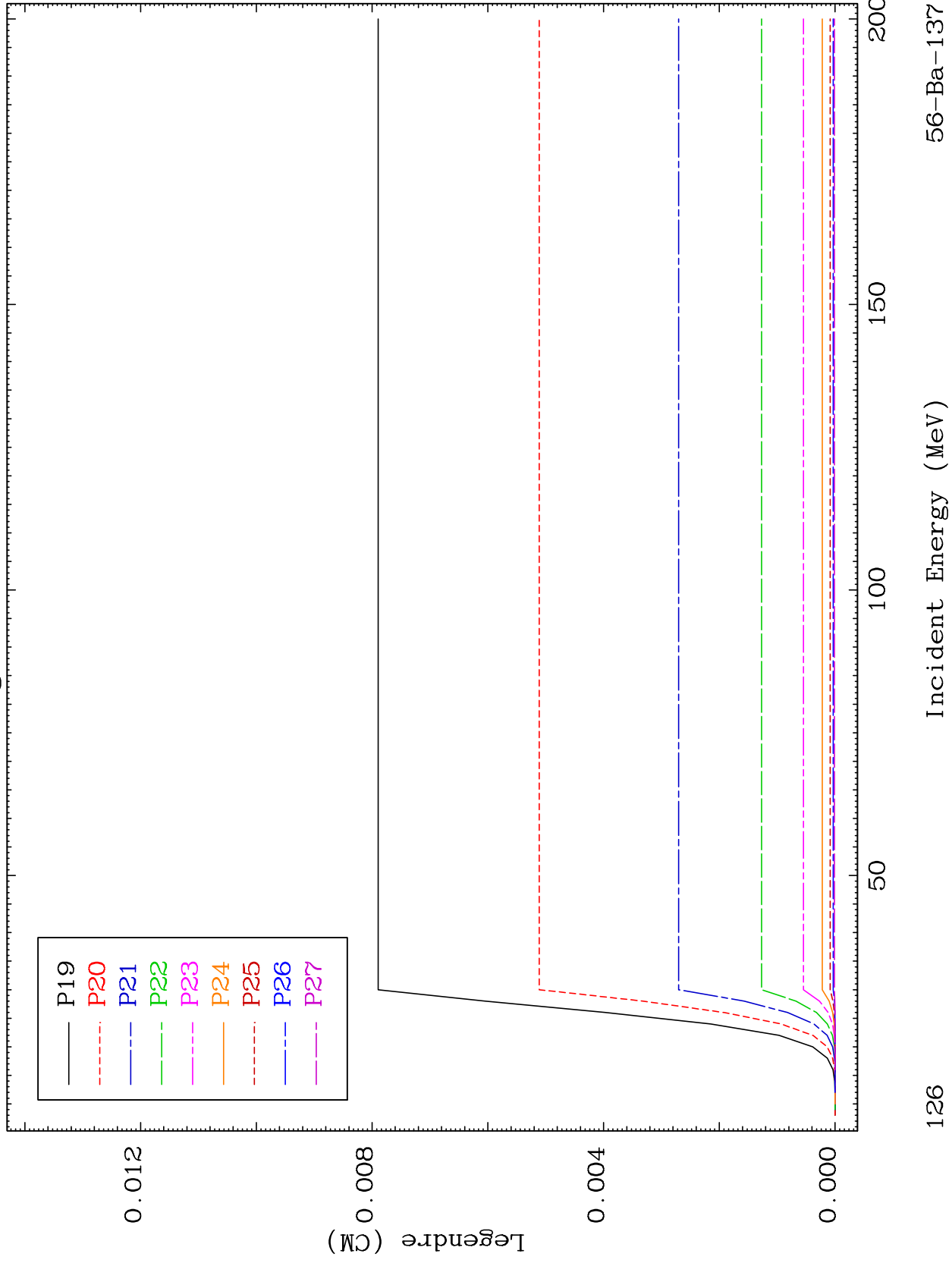
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



126

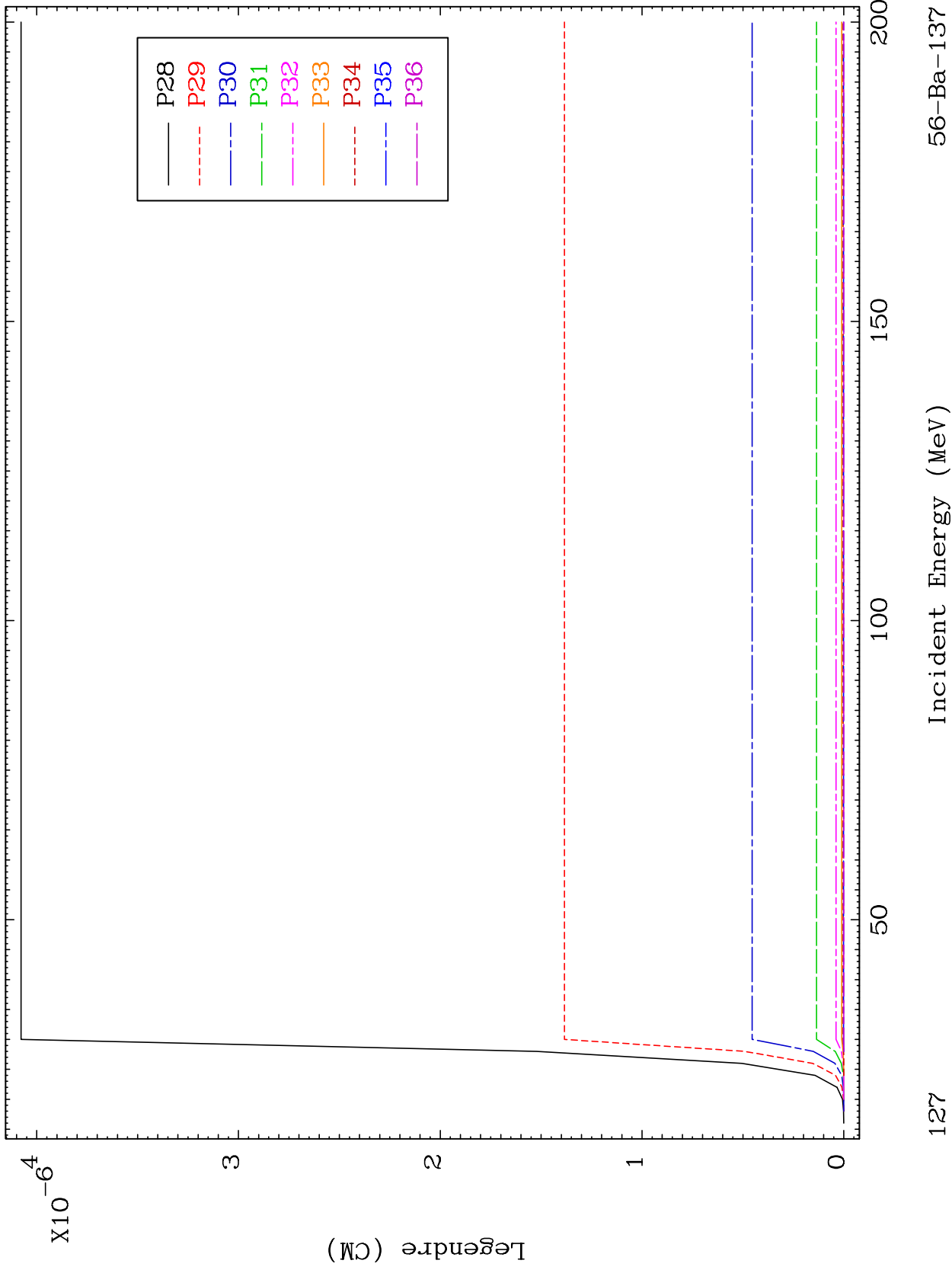
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

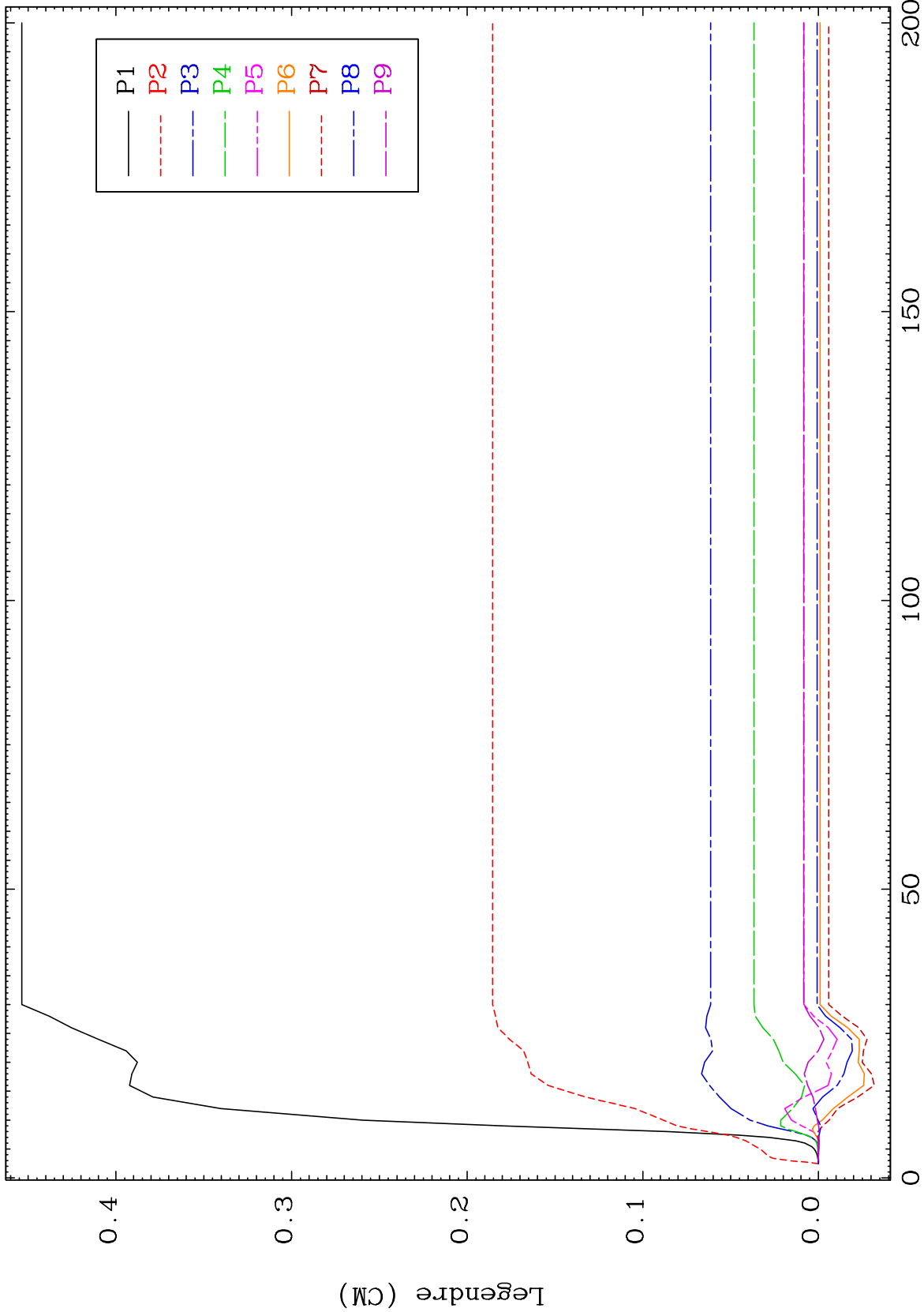
56-Ba-137



MAT 5646

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

56-Ba-137



56-Ba-137

Incident Energy (MeV)

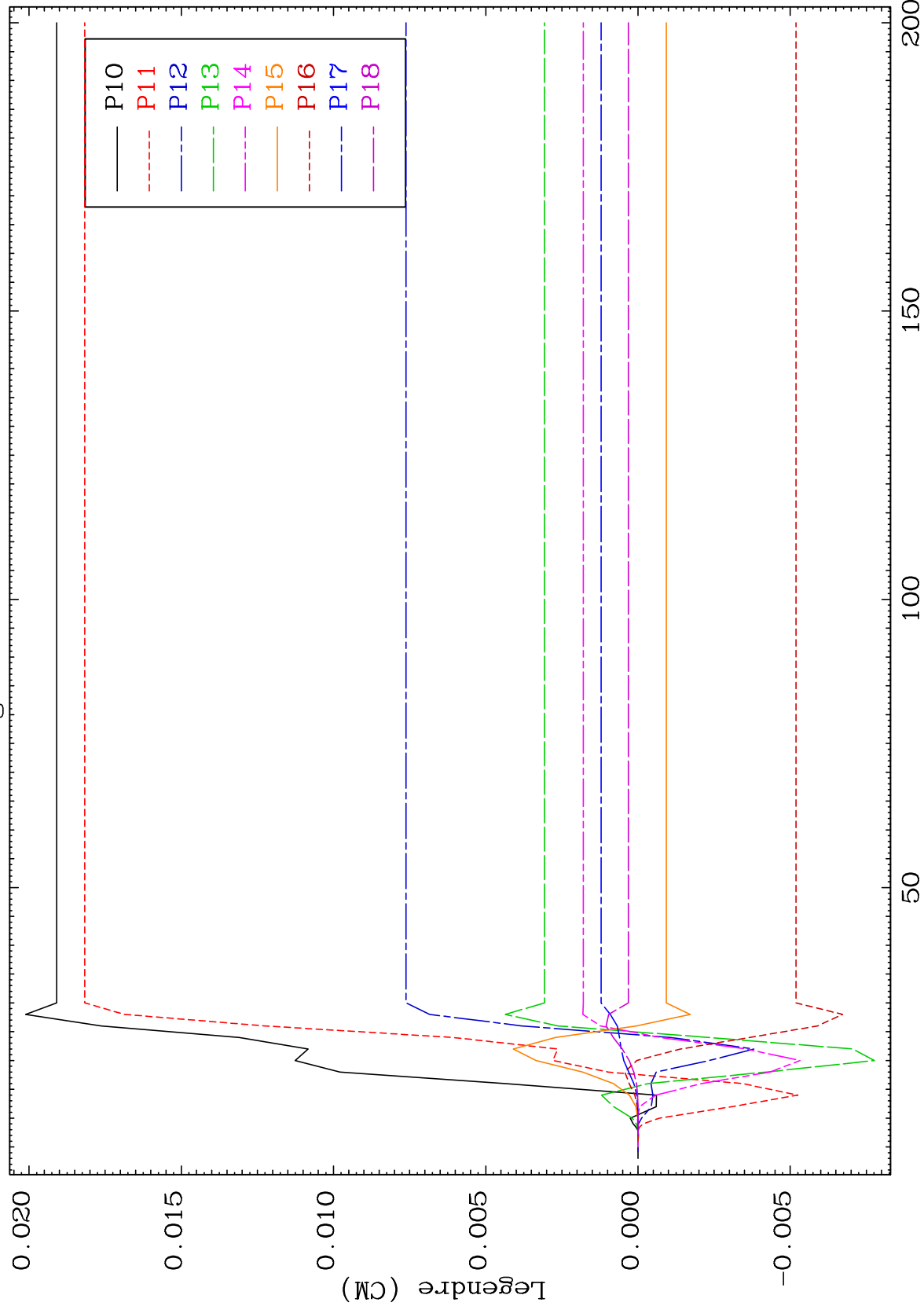
128

MAT 5646

MT= 78 (n,n') Level

56-Ba-137

Legendre Coefficients



56-Ba-137

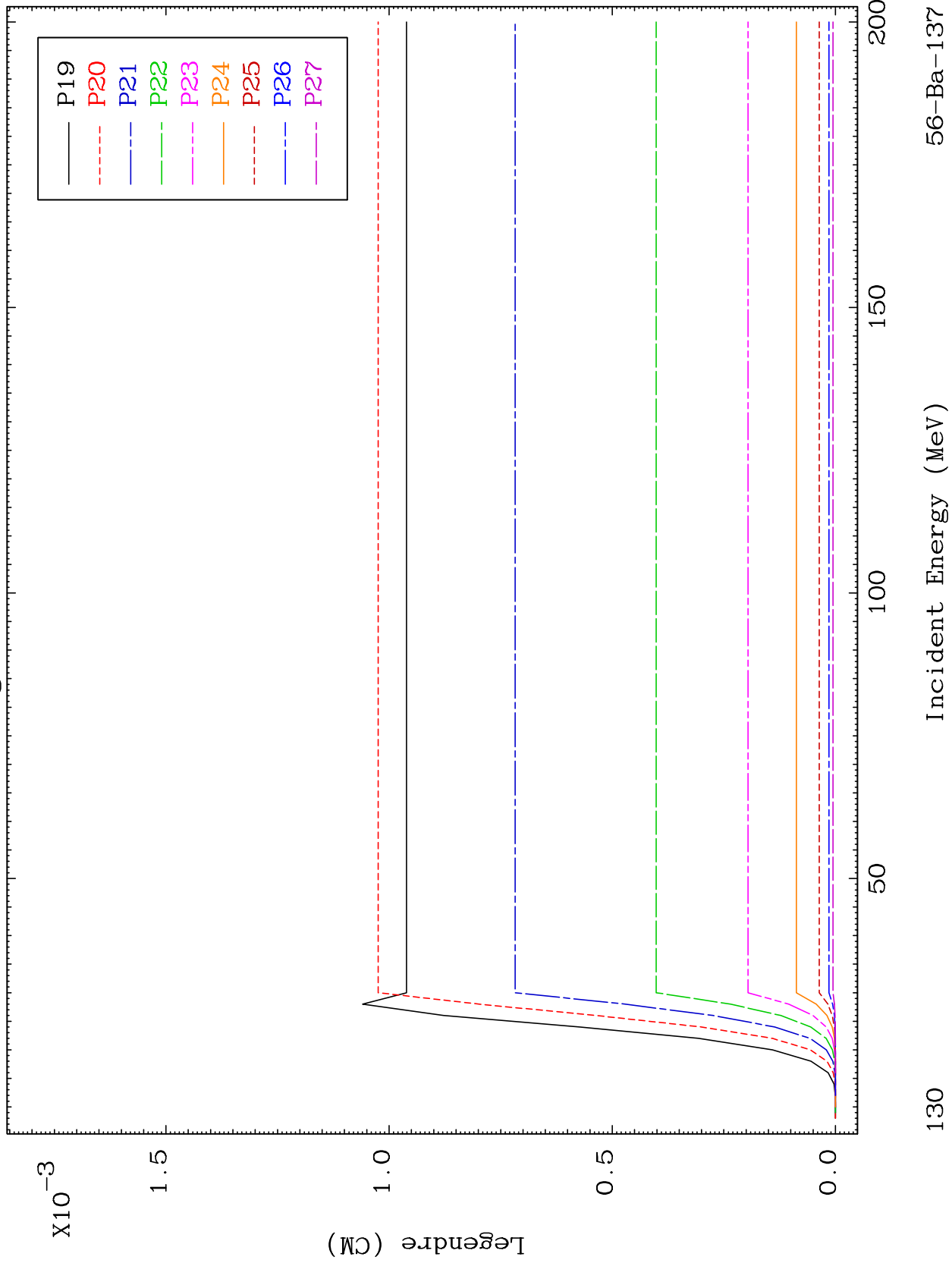
Incident Energy (MeV)

129

MAT 5646

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

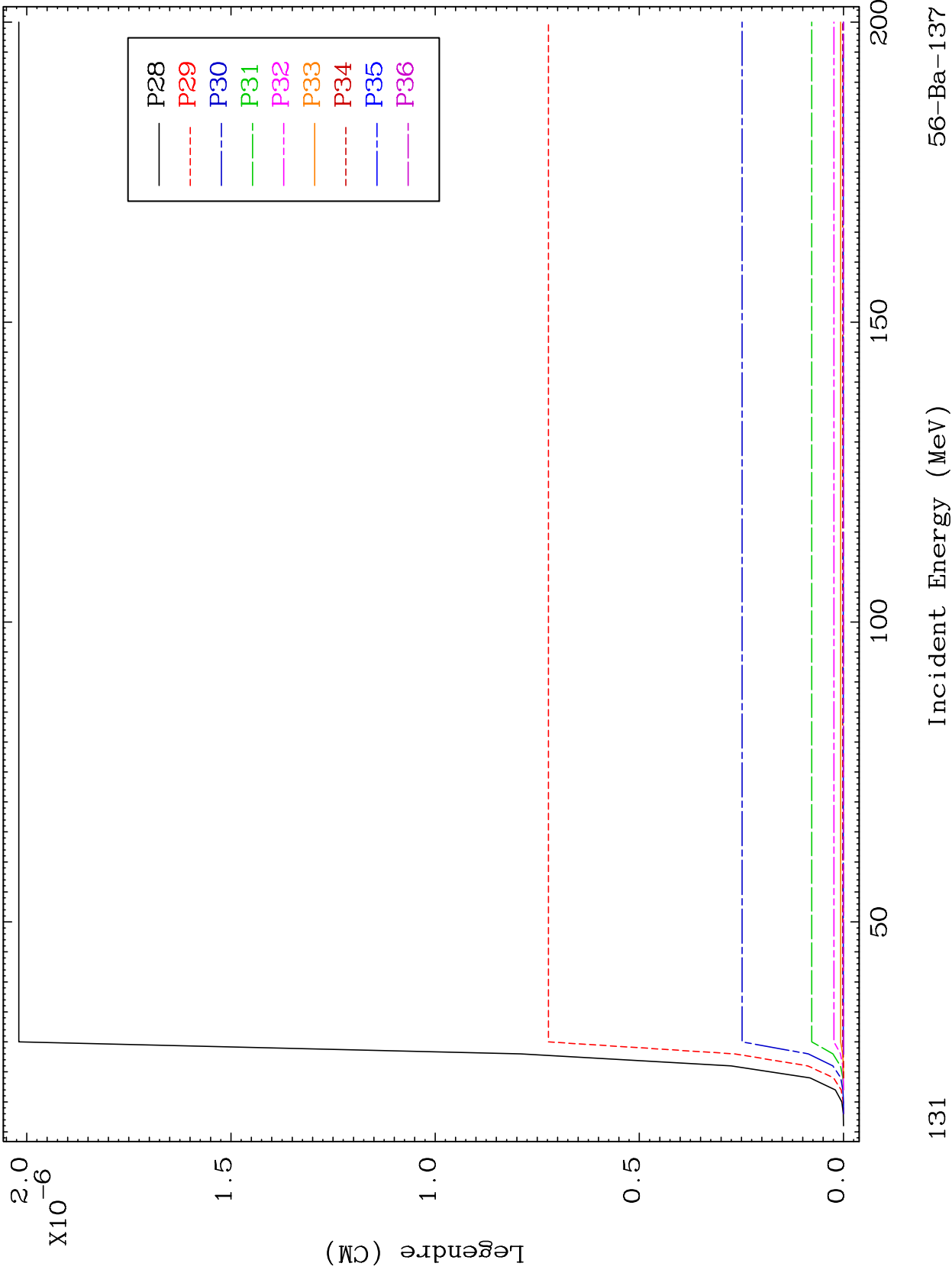
56-Ba-137



MAT 5646

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

56-Ba-137



131

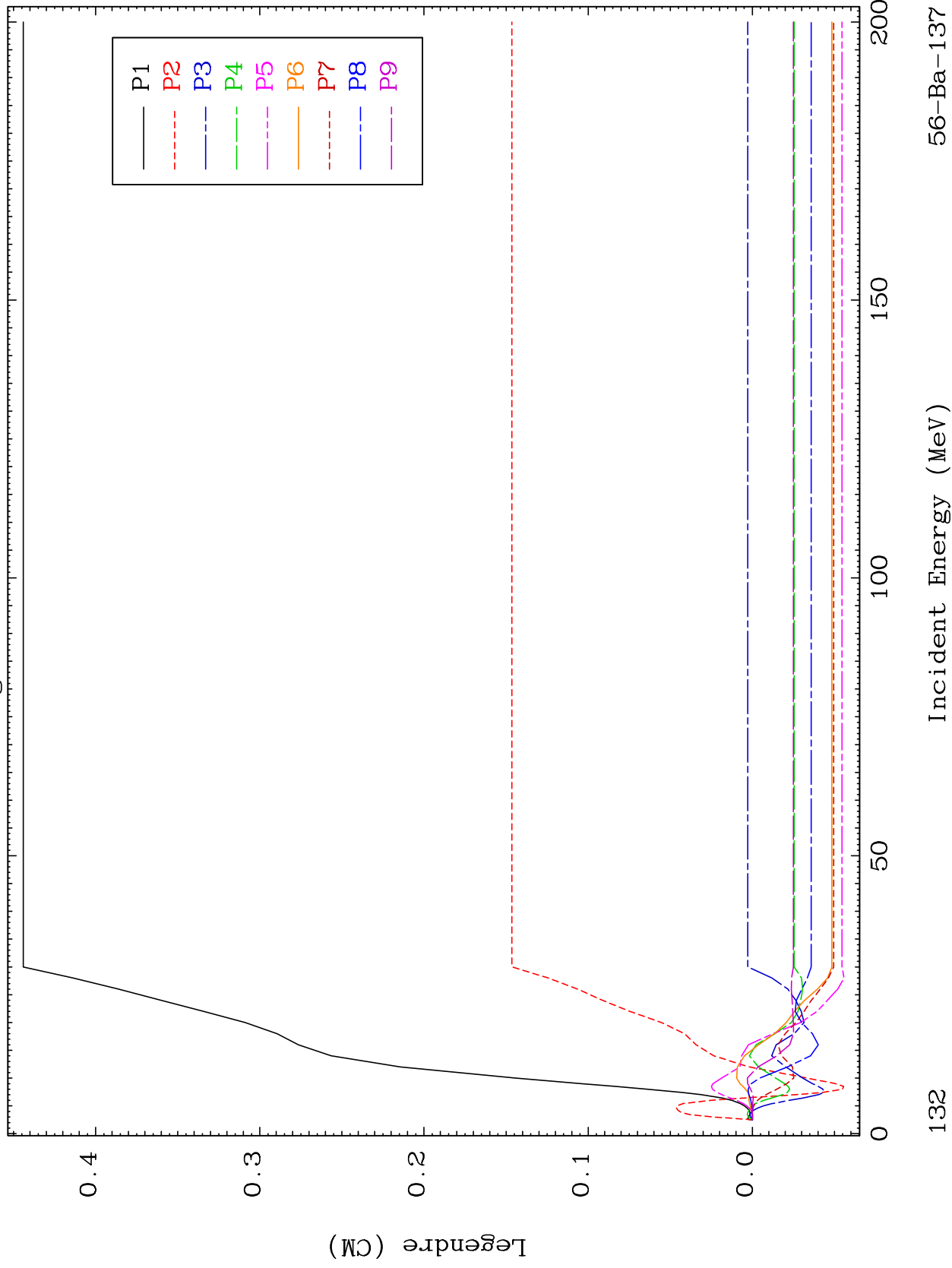
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



132

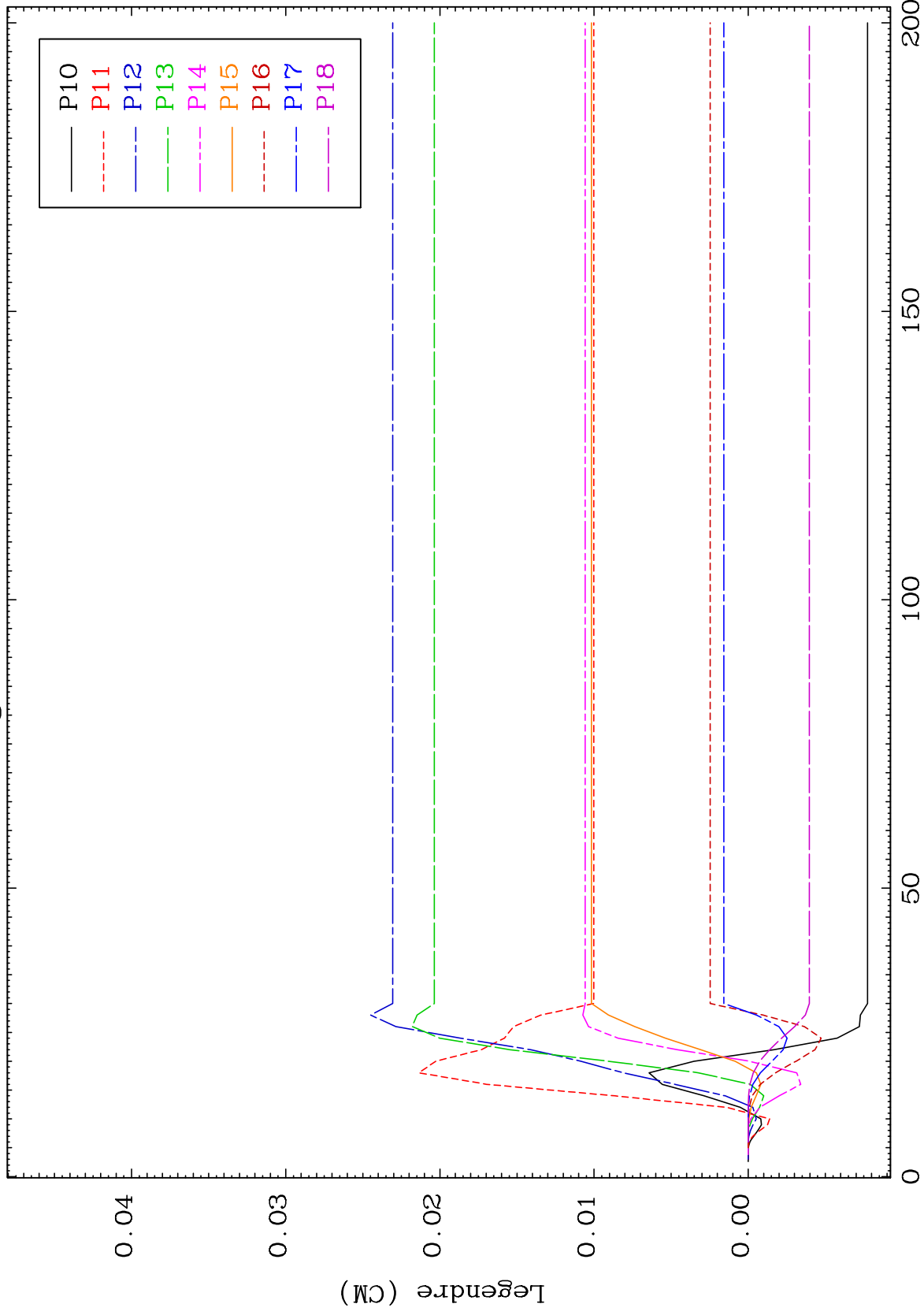
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



133

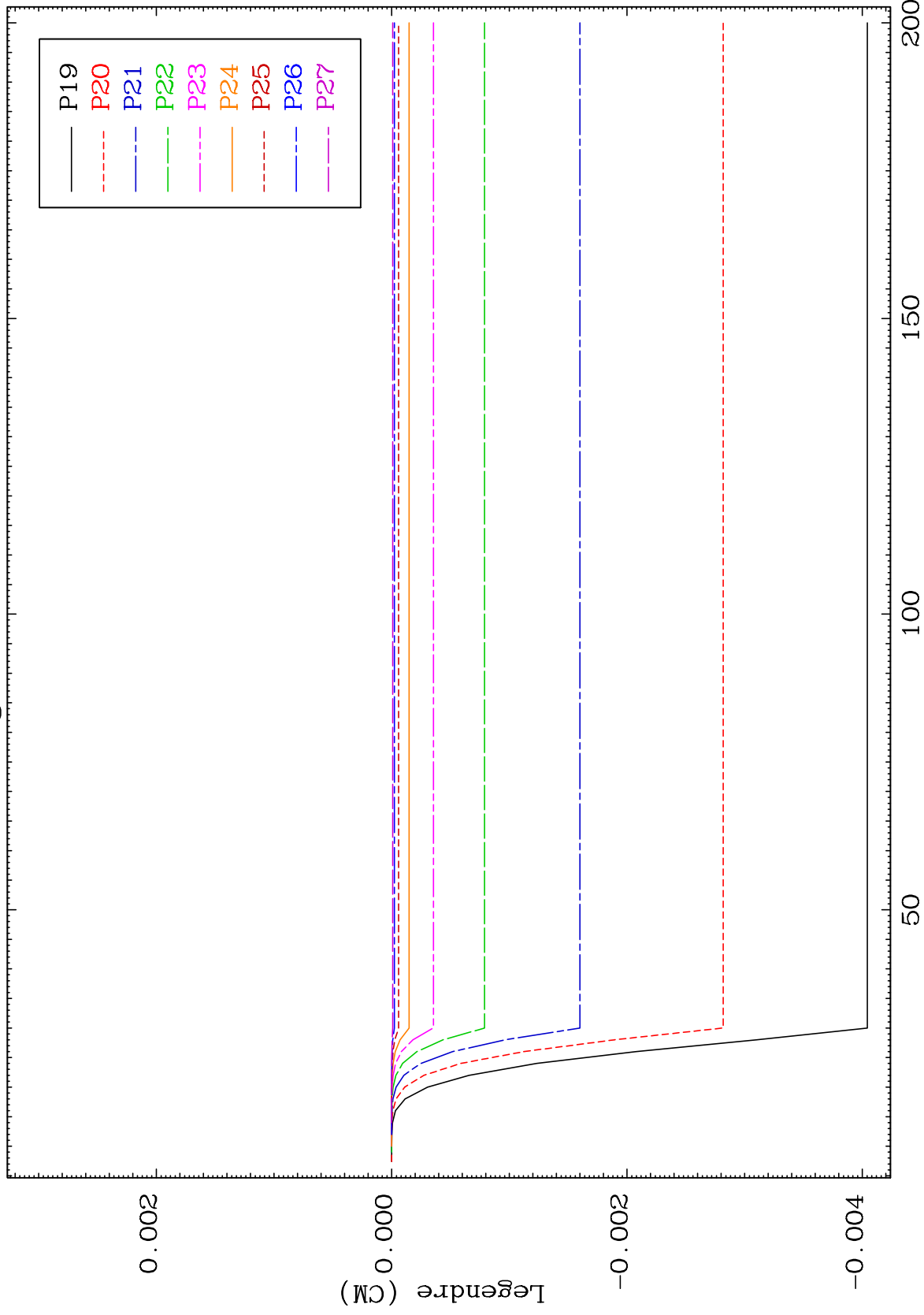
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

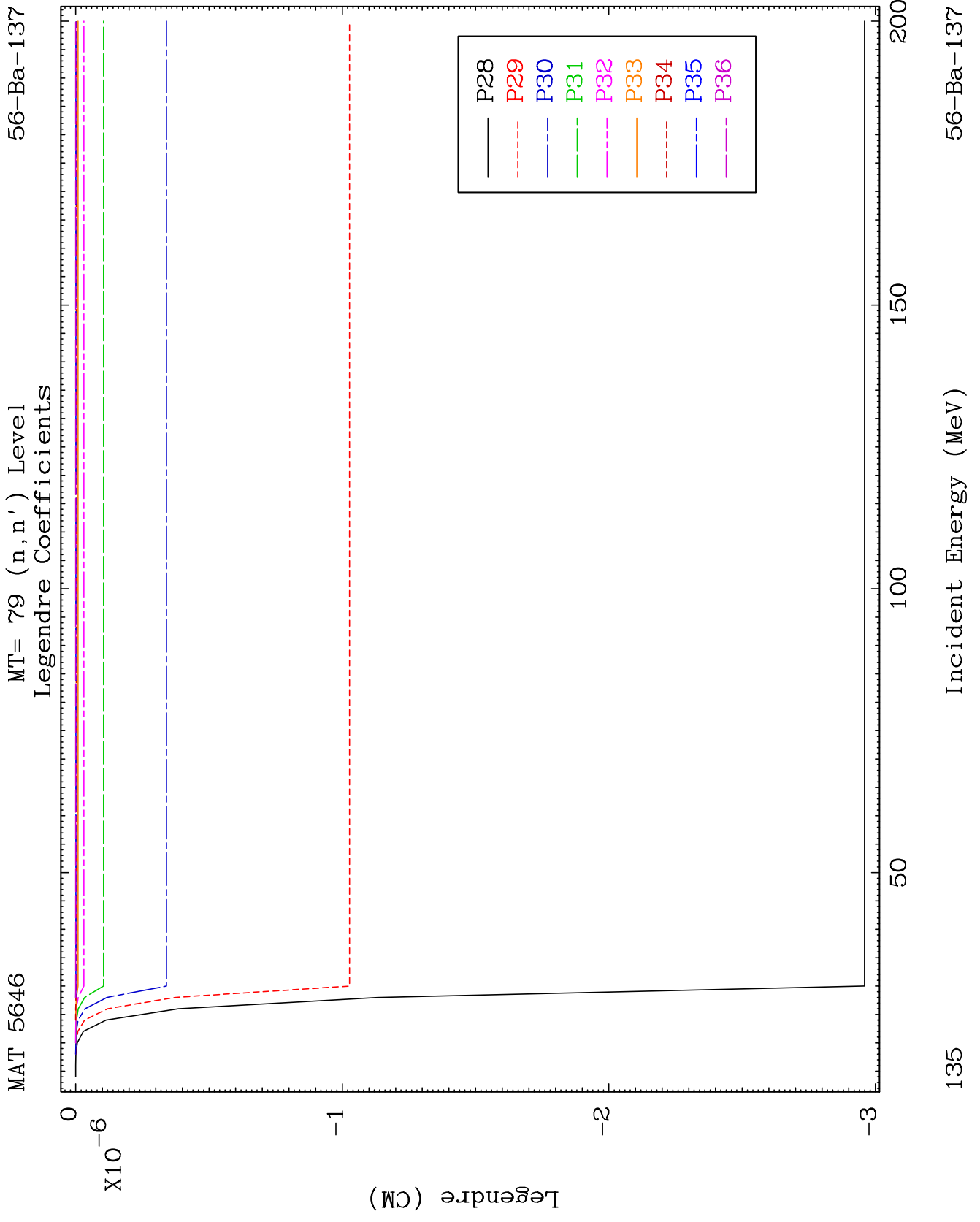
56-Ba-137



134

Incident Energy (MeV)

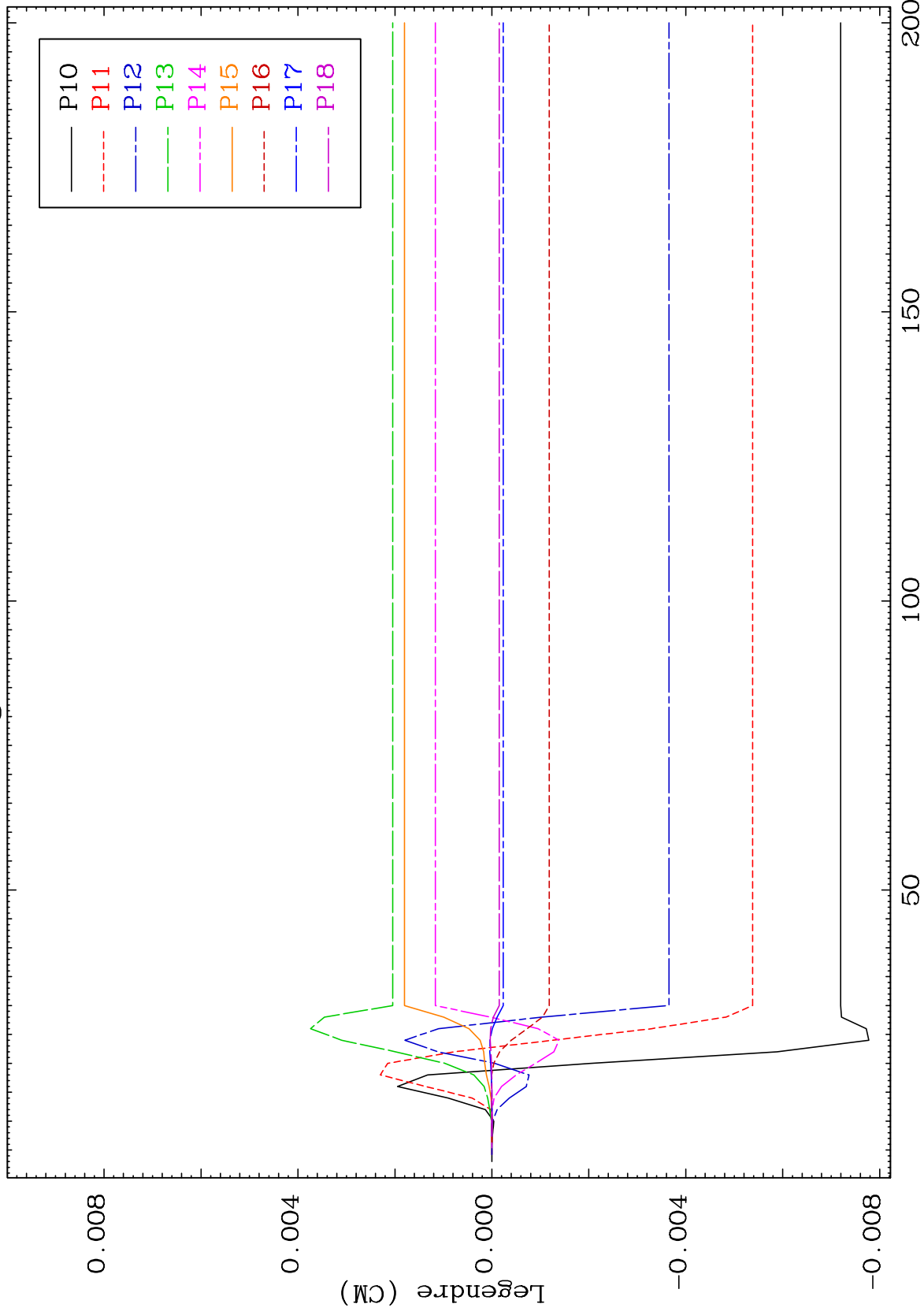
56-Ba-137



MAT 5646

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

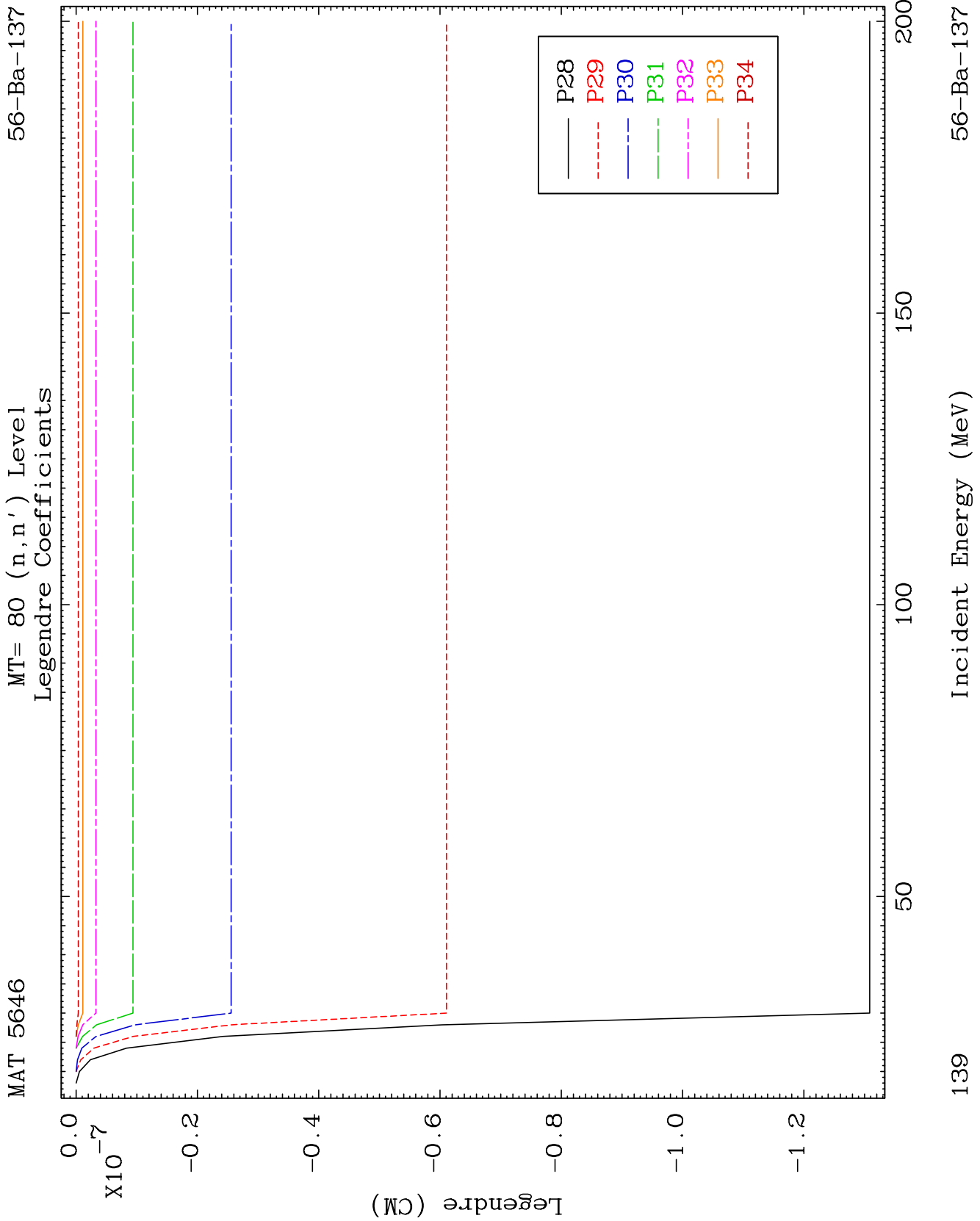
56-Ba-137



137

Incident Energy (MeV)

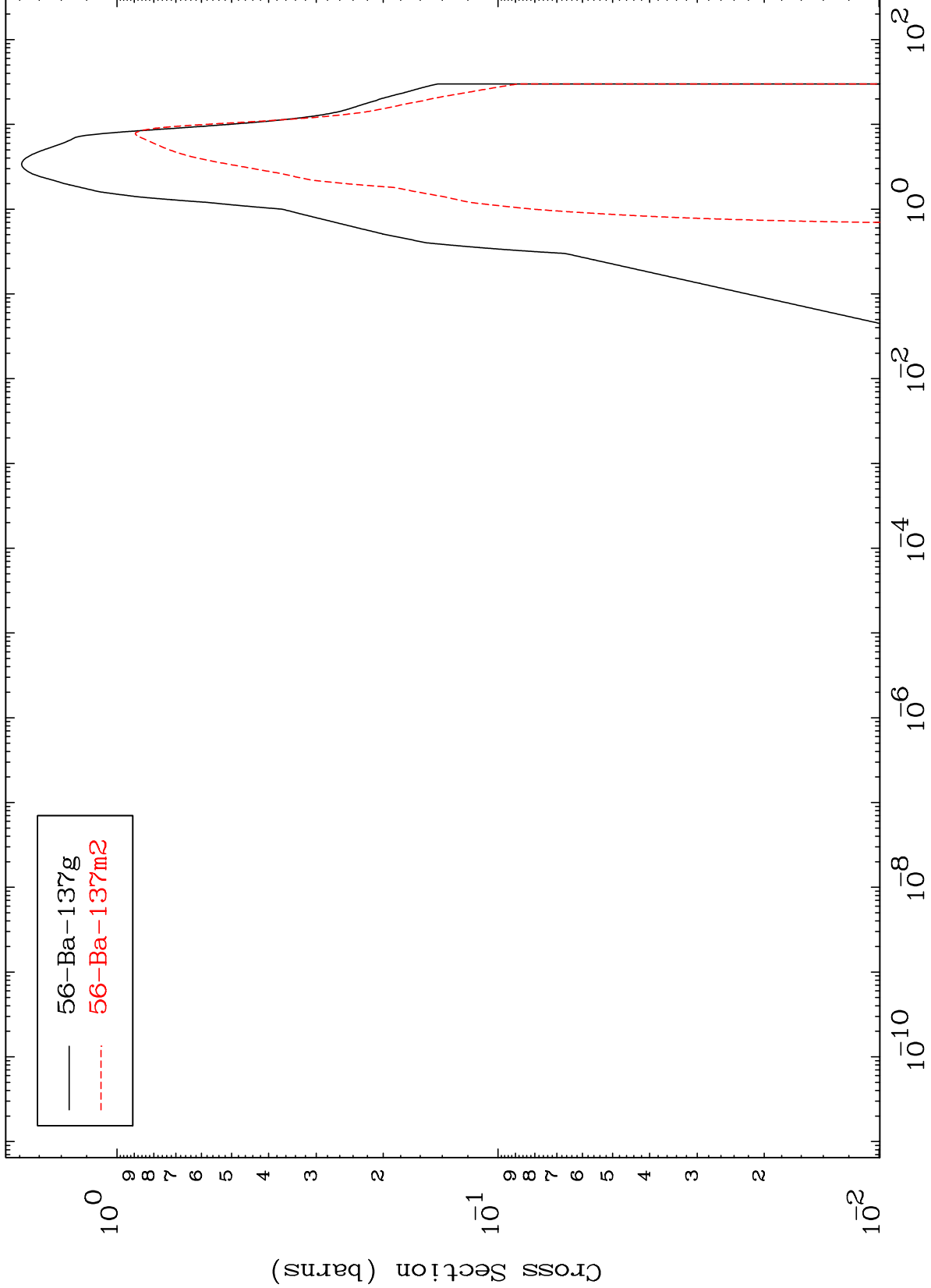
56-Ba-137



MAT 5646

Inelastic
Radionuclide Production Cross Section

56-Ba-137



— 56-Ba-137g
- - - 56-Ba-137m2

140

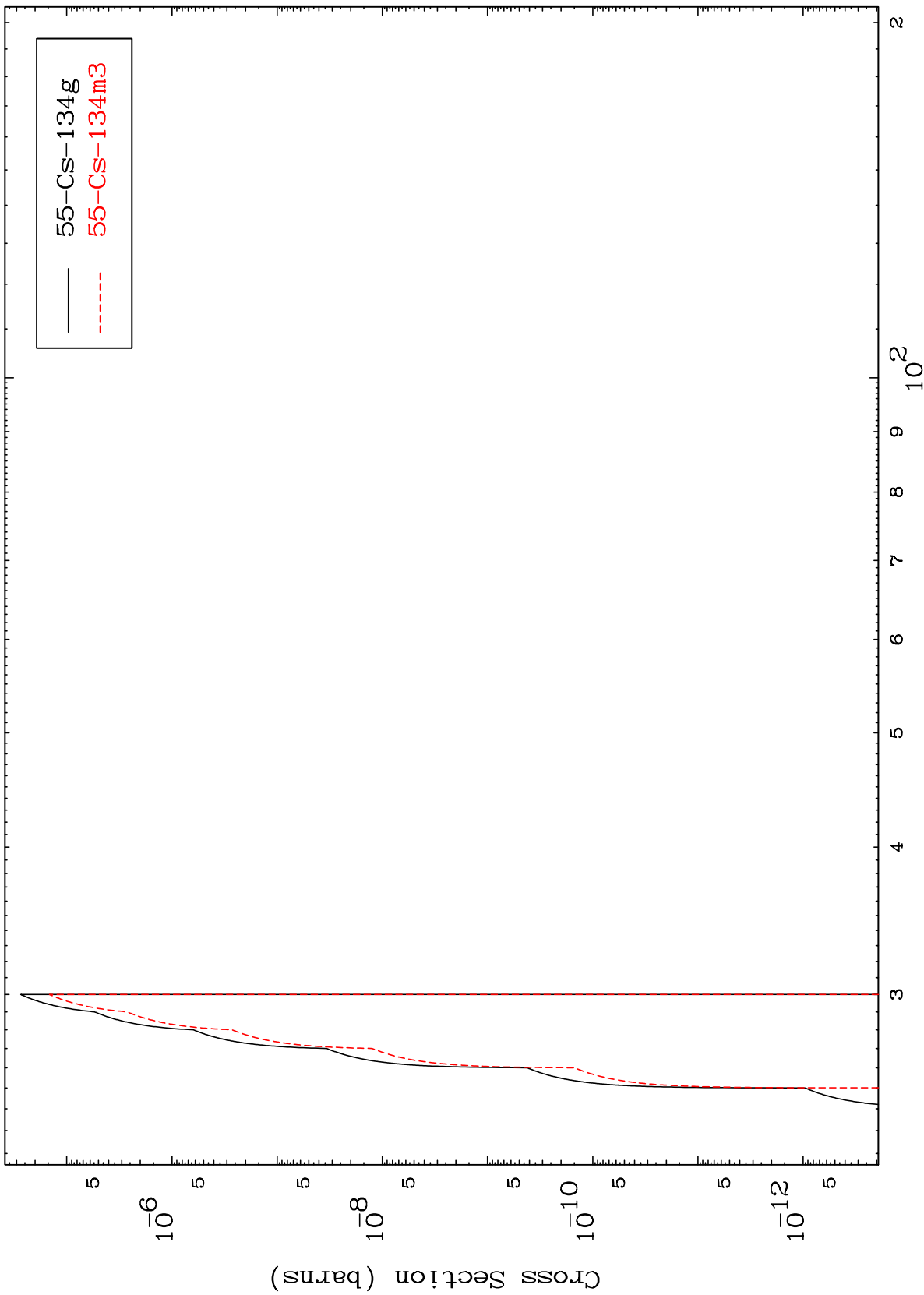
56-Ba-137

MAT 5646

(n,2n) d

56-Ba-137

Radionuclide Production Cross Section



55-Cs-134g
55-Cs-134m3

141

Incident Energy (MeV)

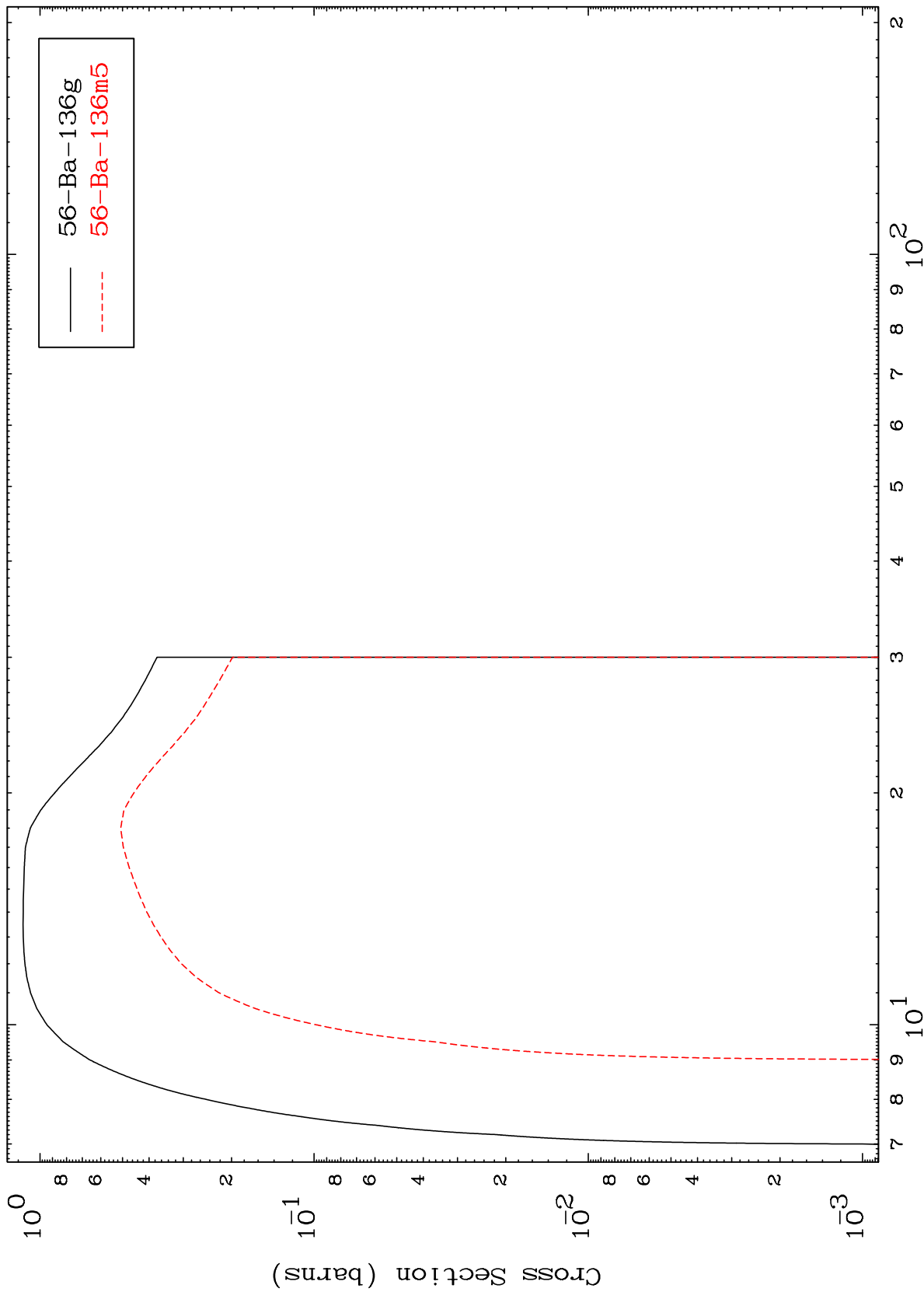
56-Ba-137

MAT 5646

56-Ba-137

(n,2n)

Radionuclide Production Cross Section



56-Ba-137

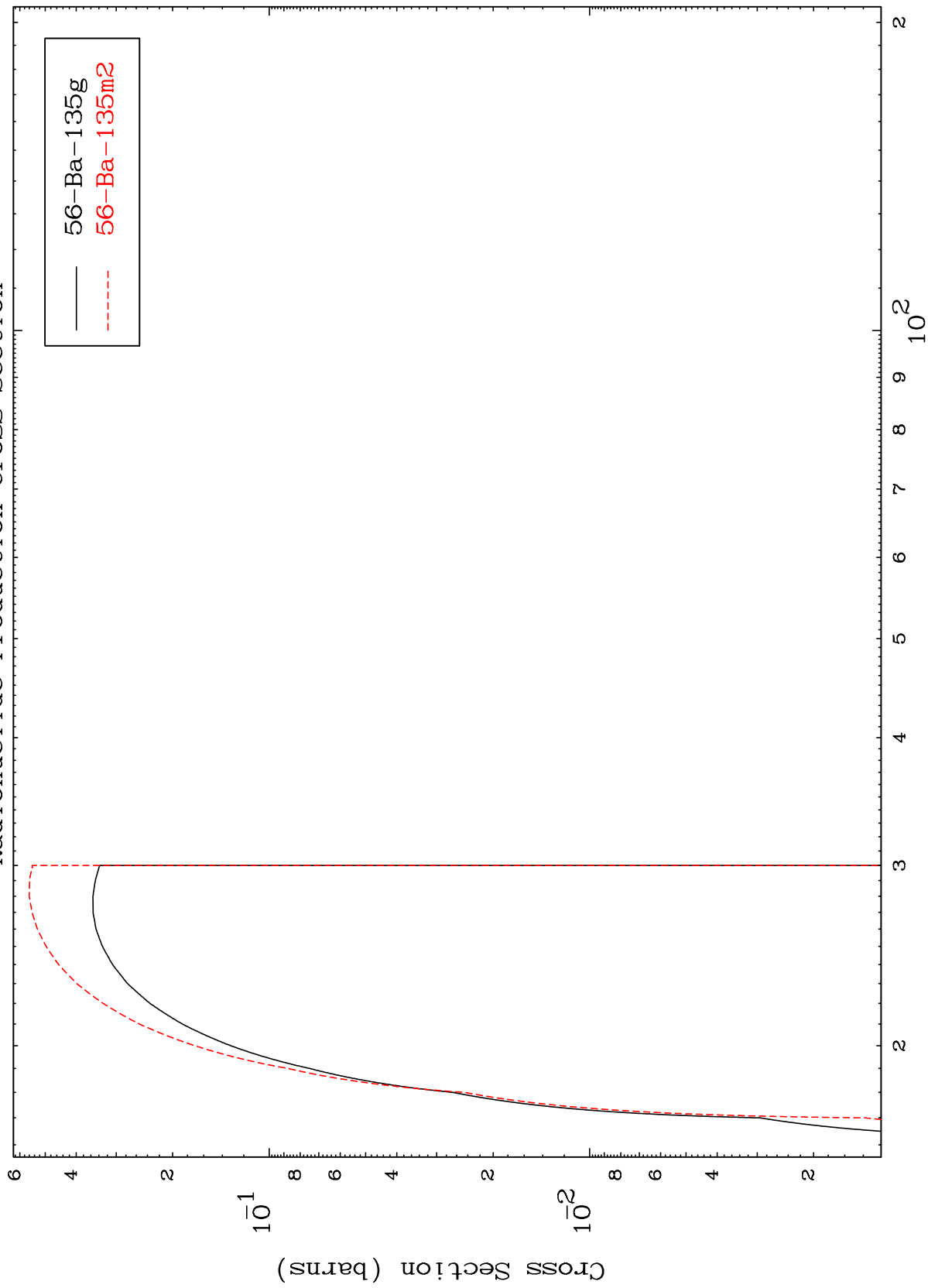
Incident Energy (MeV)

142

MAT 5646

56-Ba-137

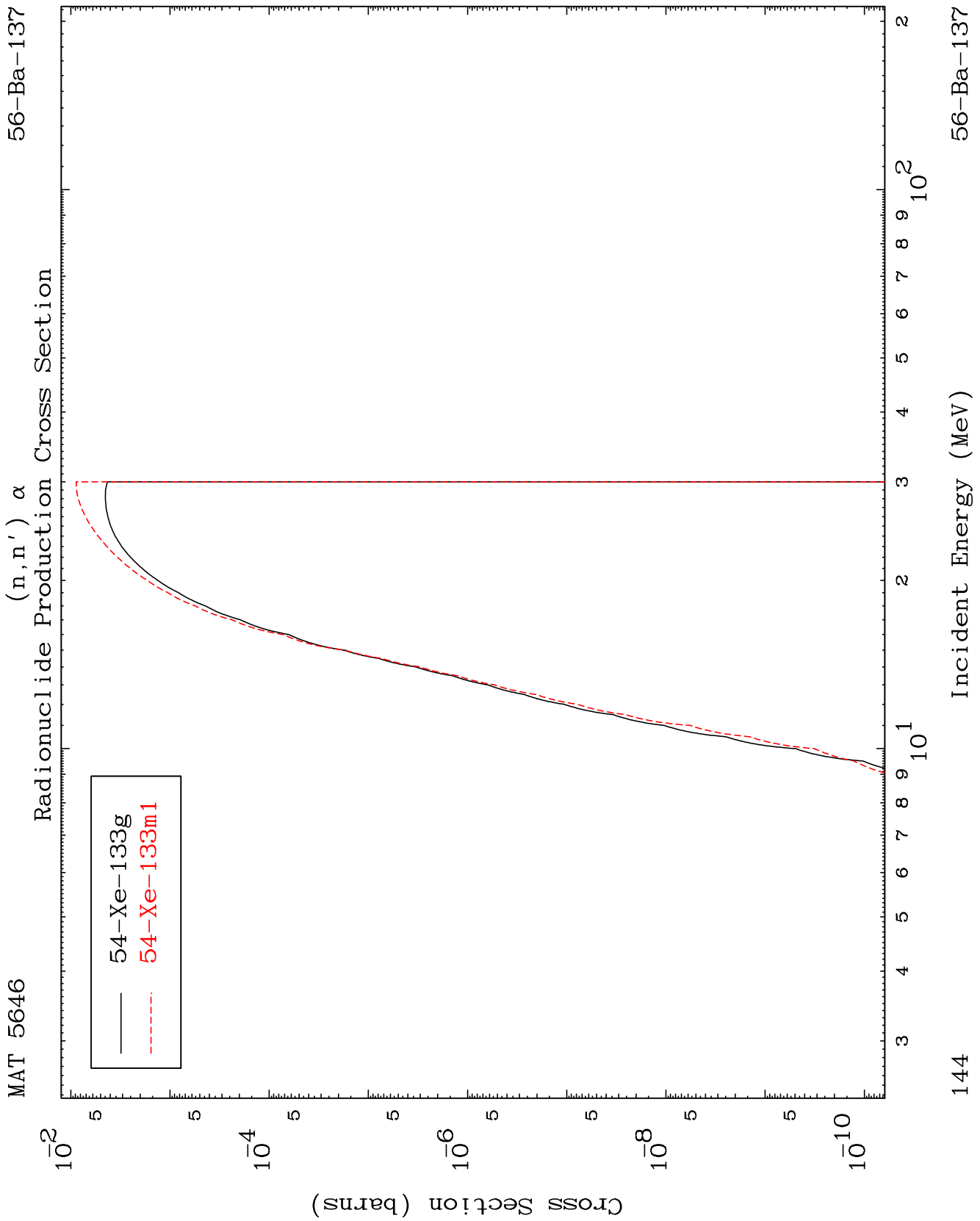
(n,3n)
Radionuclide Production Cross Section



143

Incident Energy (MeV)

56-Ba-137

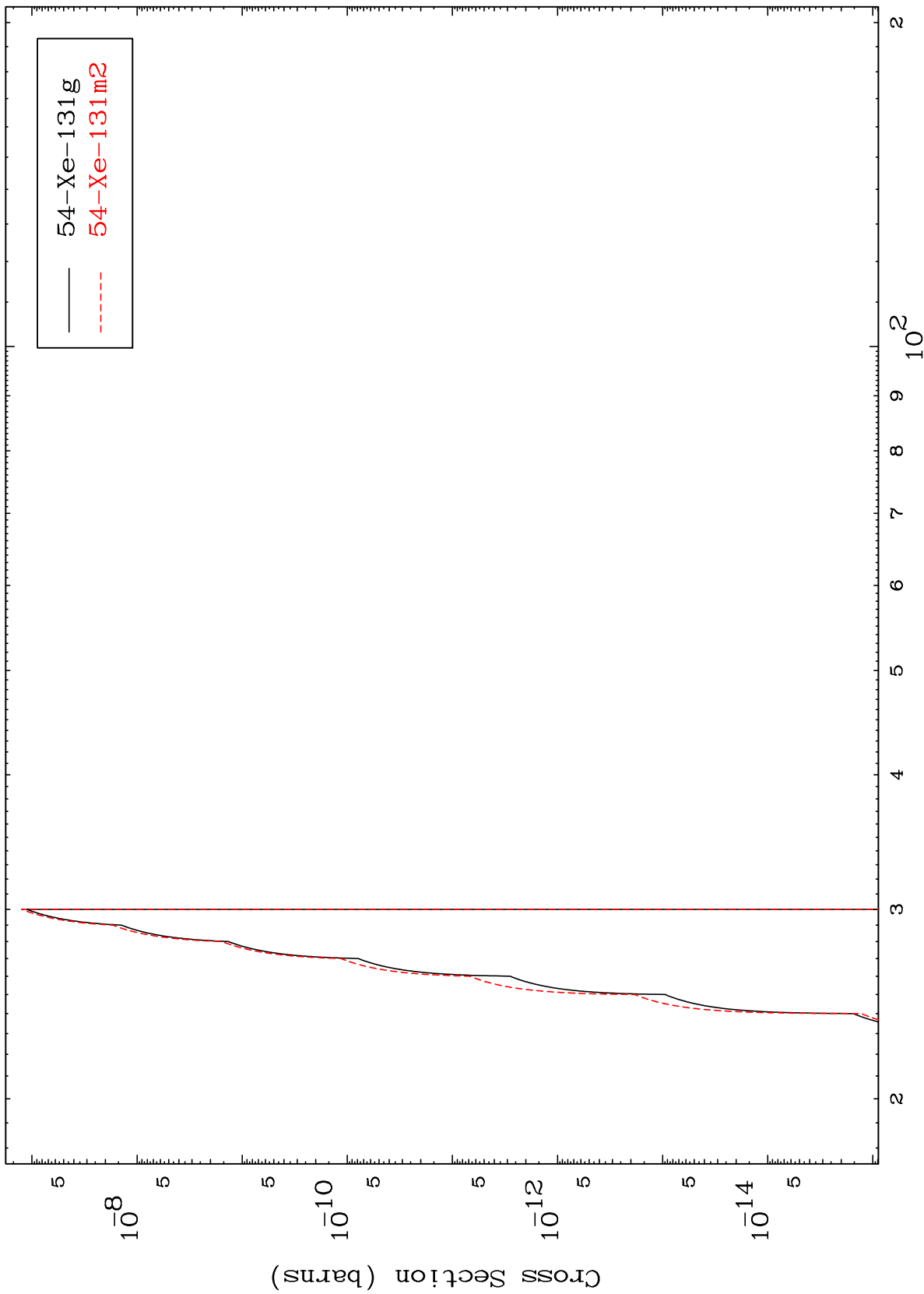


MAT 5646

(n,3n) α

56-Ba-137

Radionuclide Production Cross Section



145

Incident Energy (MeV)

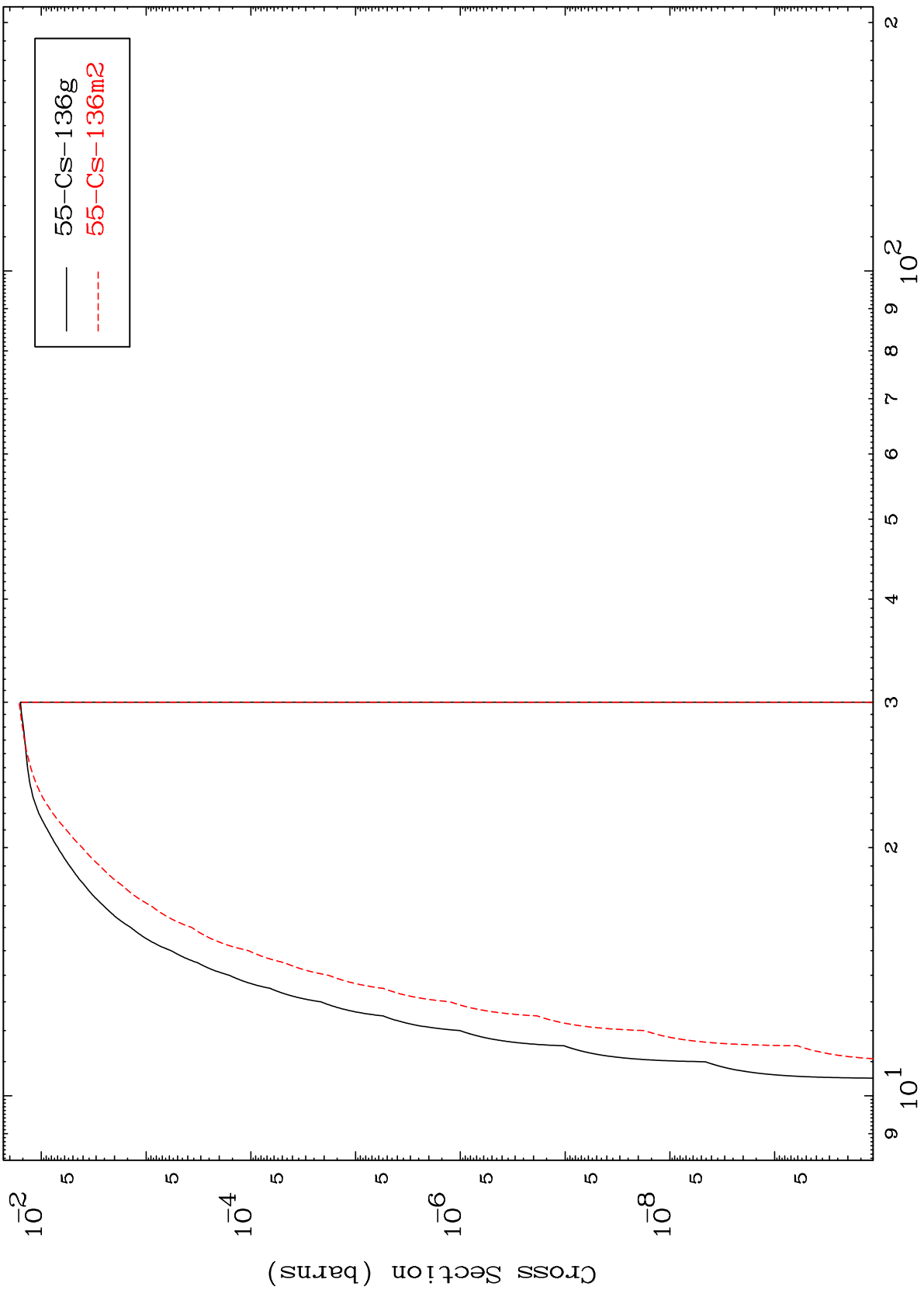
56-Ba-137

MAT 5646

(n,n') p

56-Ba-137

Radionuclide Production Cross Section



146

Incident Energy (MeV)

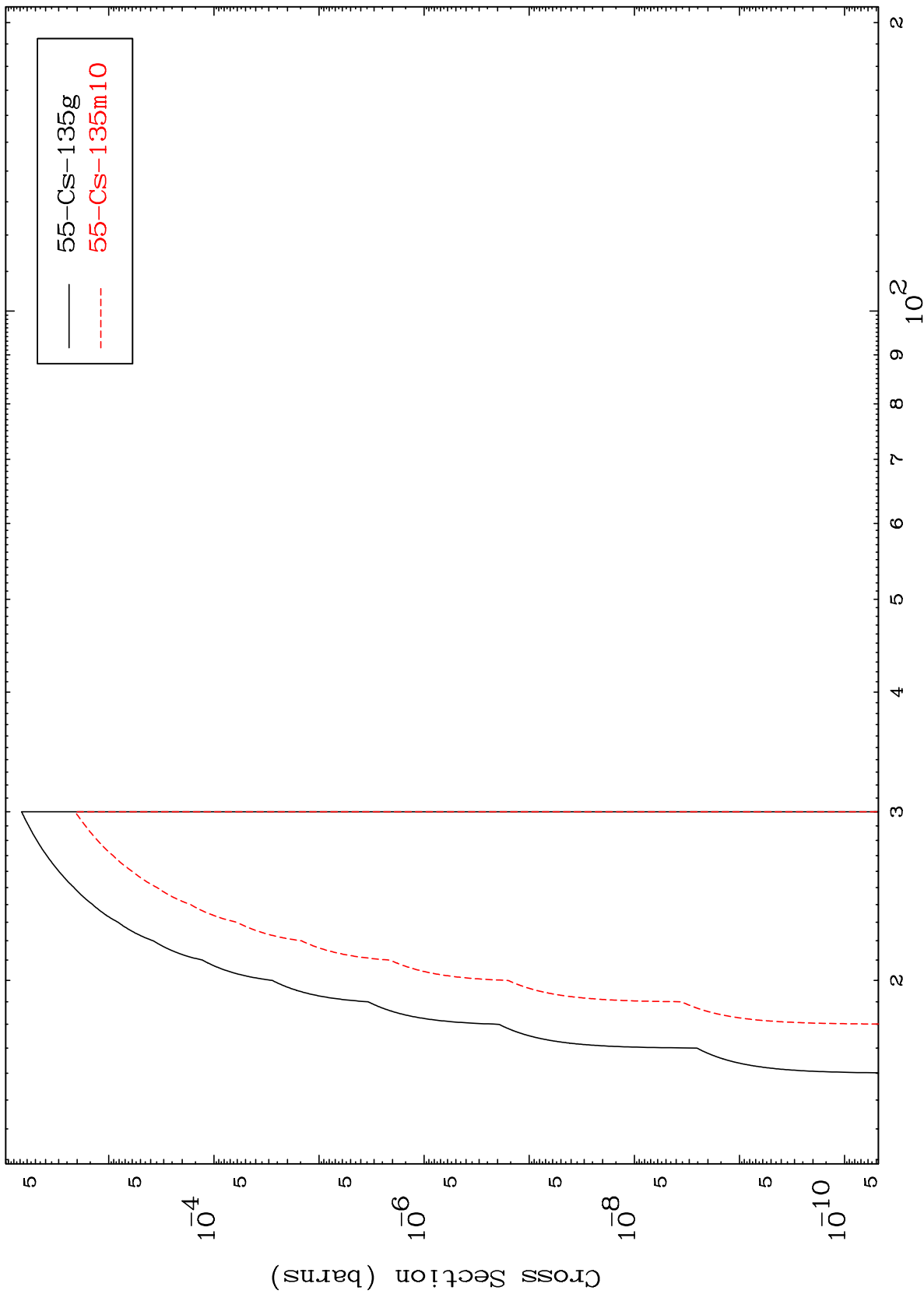
56-Ba-137

MAT 5646

(n,n') d

56-Ba-137

Radionuclide Production Cross Section



147

Incident Energy (MeV)

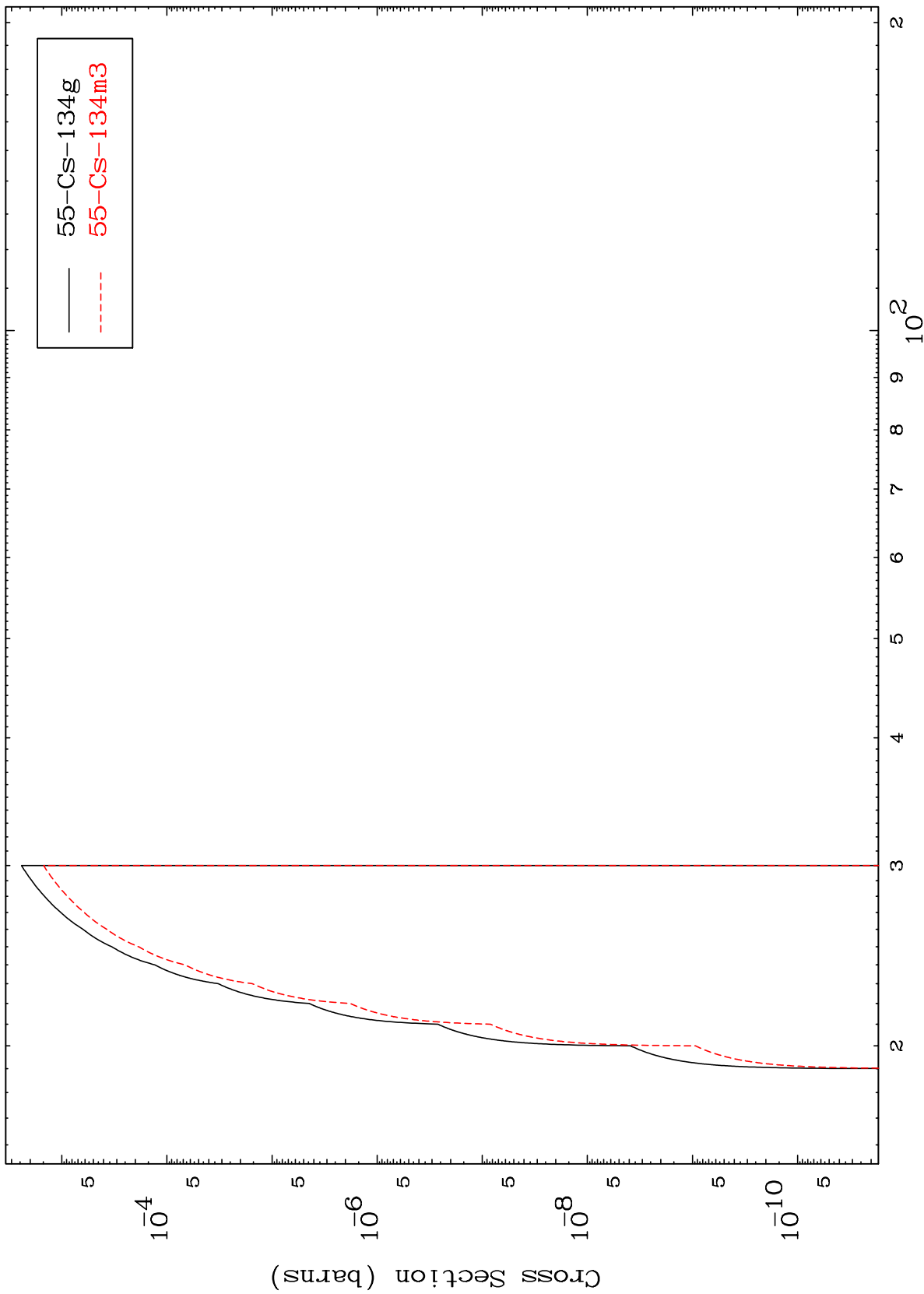
56-Ba-137

MAT 5646

(n,n') t

56-Ba-137

Radionuclide Production Cross Section



148

Incident Energy (MeV)

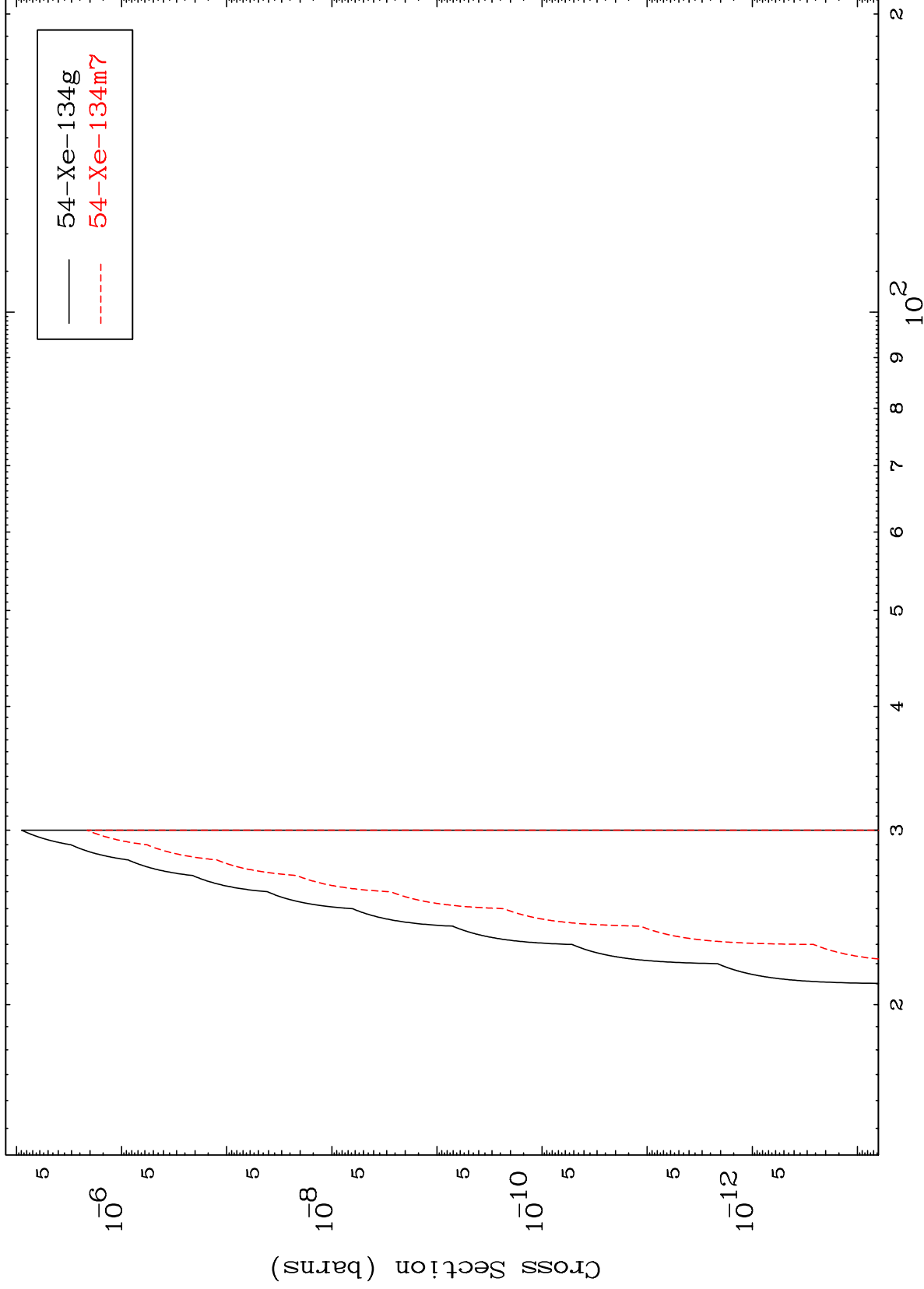
56-Ba-137

MAT 5646

(n,n') He-3

56-Ba-137

Radionuclide Production Cross Section



149

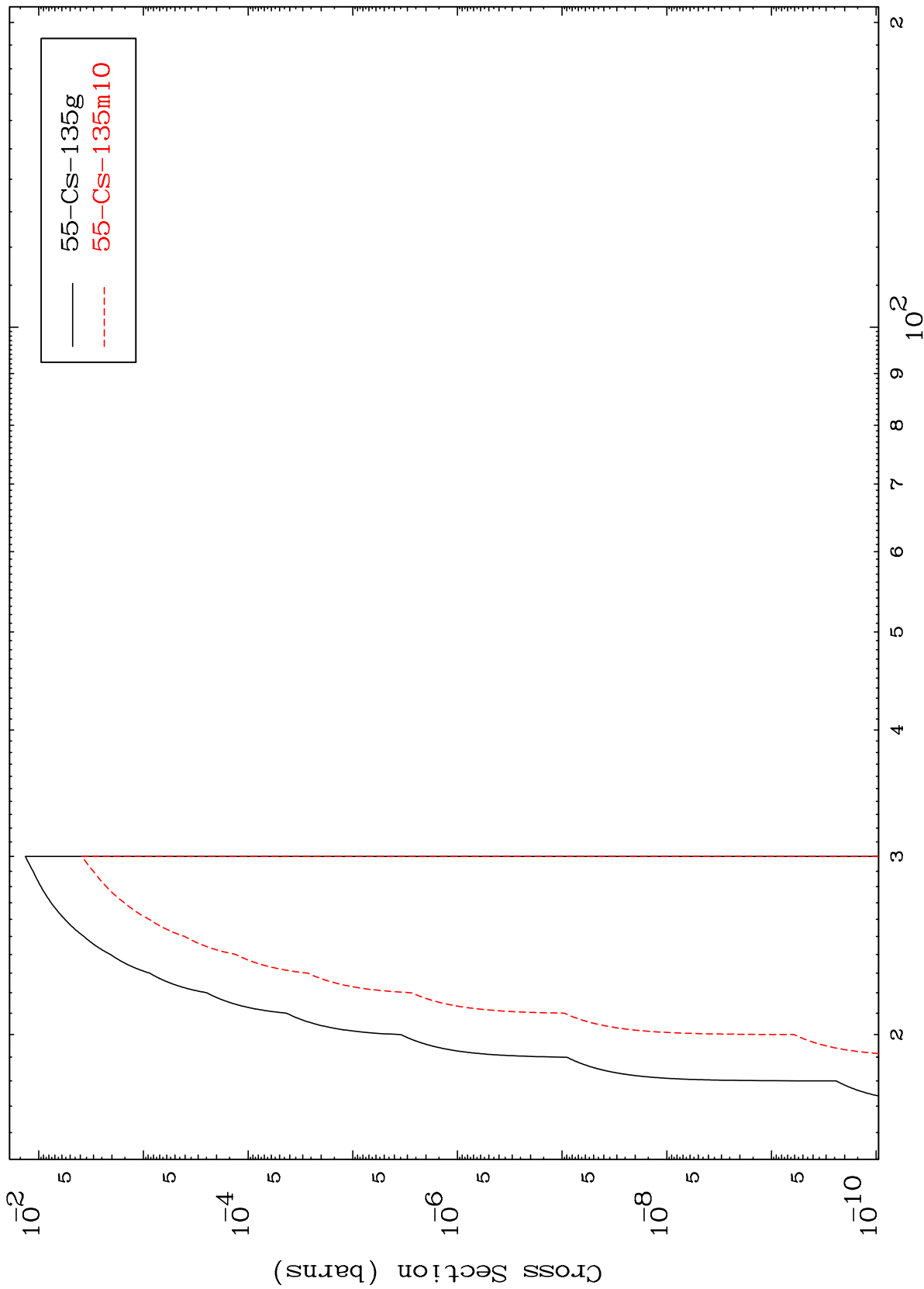
Incident Energy (MeV)

56-Ba-137

MAT 5646

56-Ba-137

(n,2n) p
Radionuclide Production Cross Section



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

150

Incident Energy (MeV)

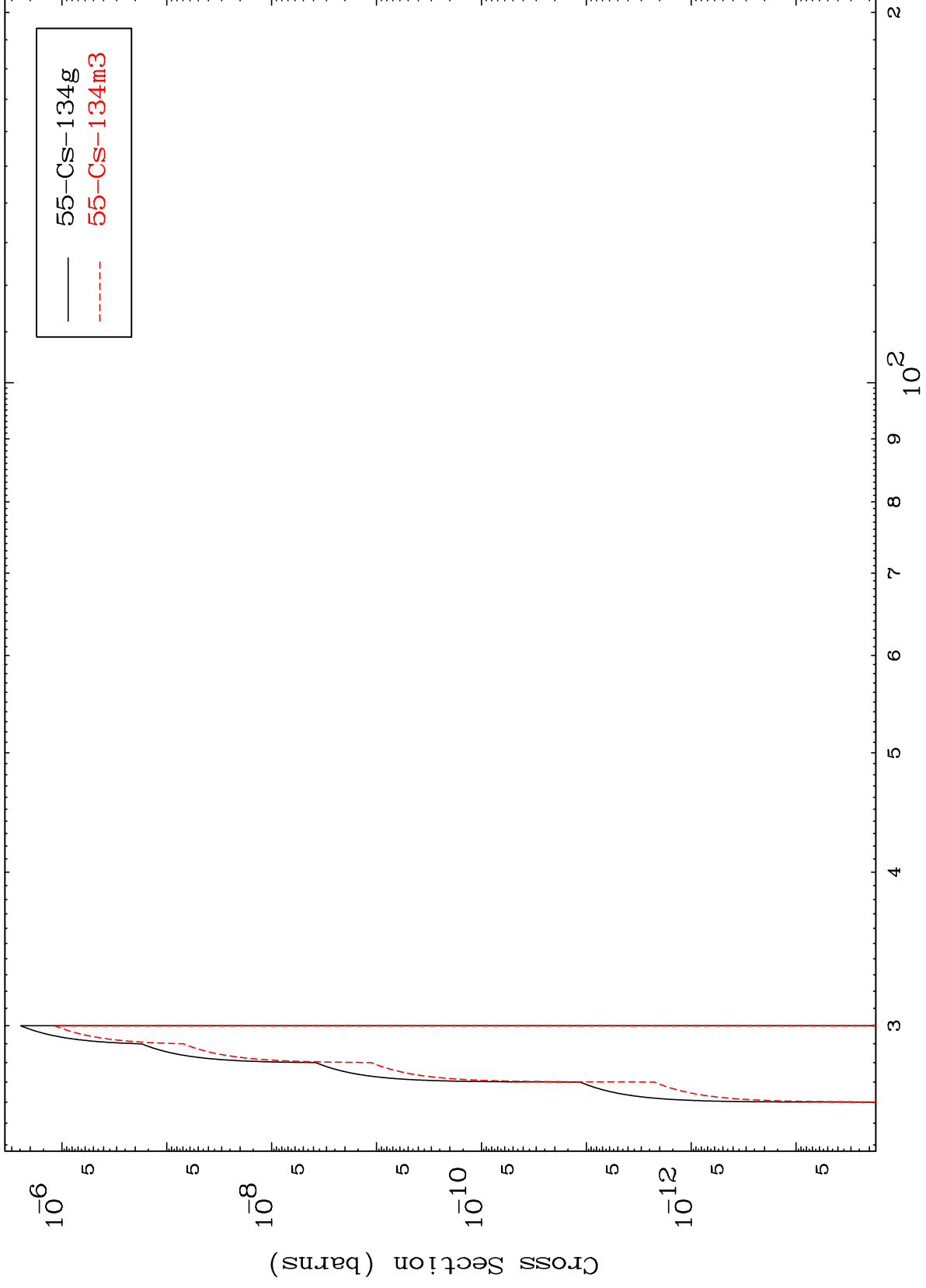
56-Ba-137

MAT 5646

(n,3n) p

56-Ba-137

Radionuclide Production Cross Section

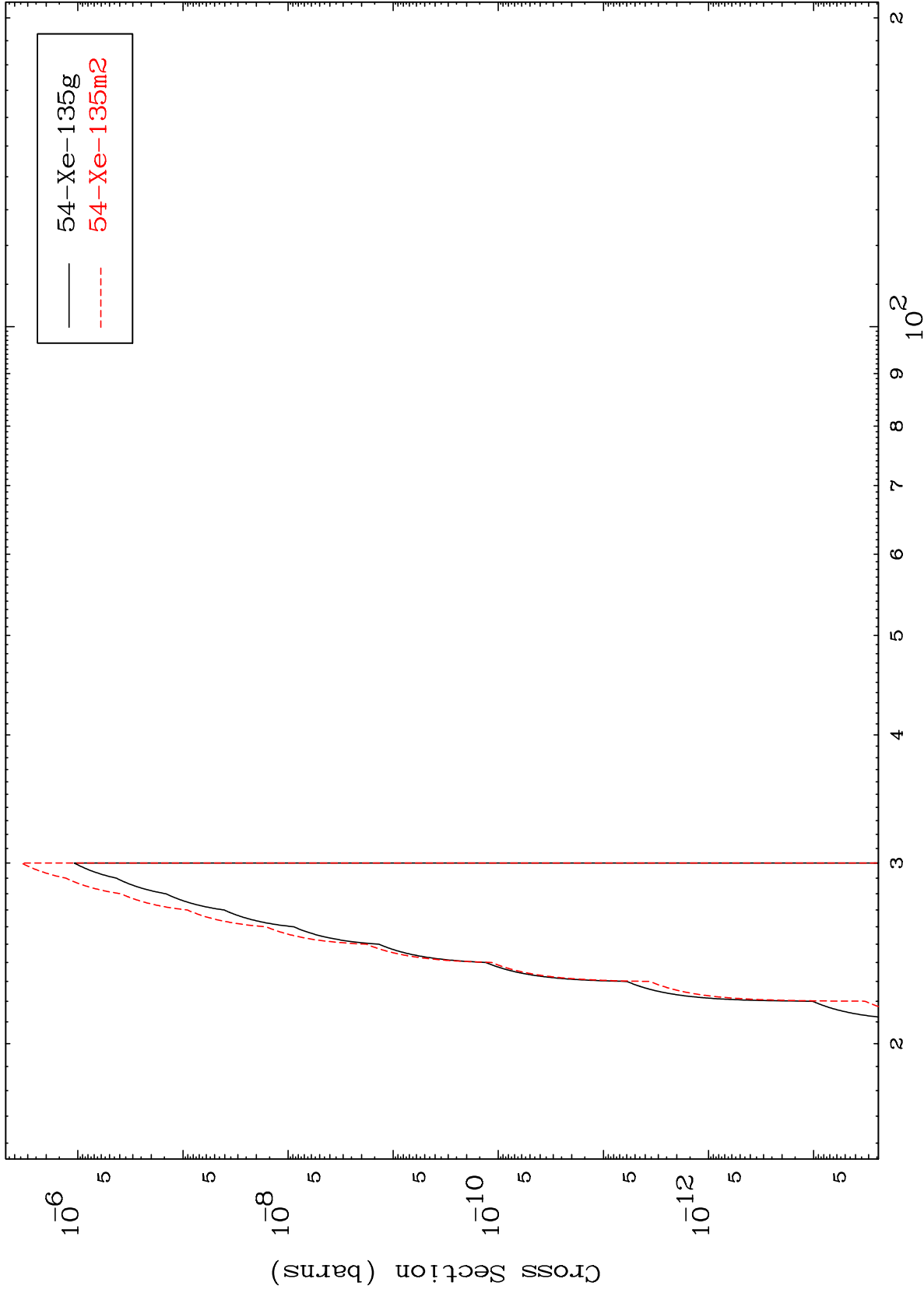


151

Incident Energy (MeV)

56-Ba-137

Radionuclide Production Cross Section

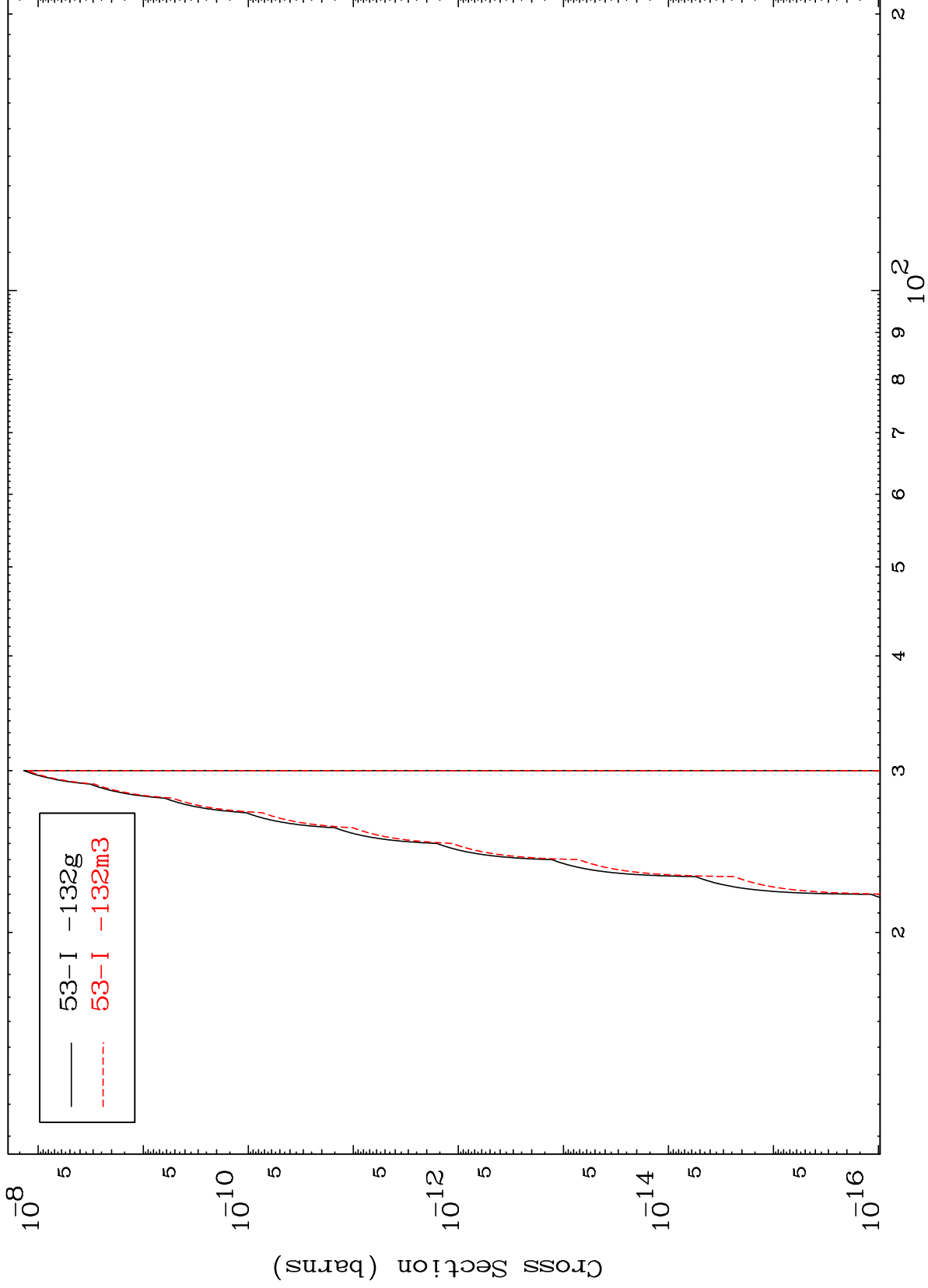


MAT 5646

(n,n') p α

56-Ba-137

Radionuclide Production Cross Section



153

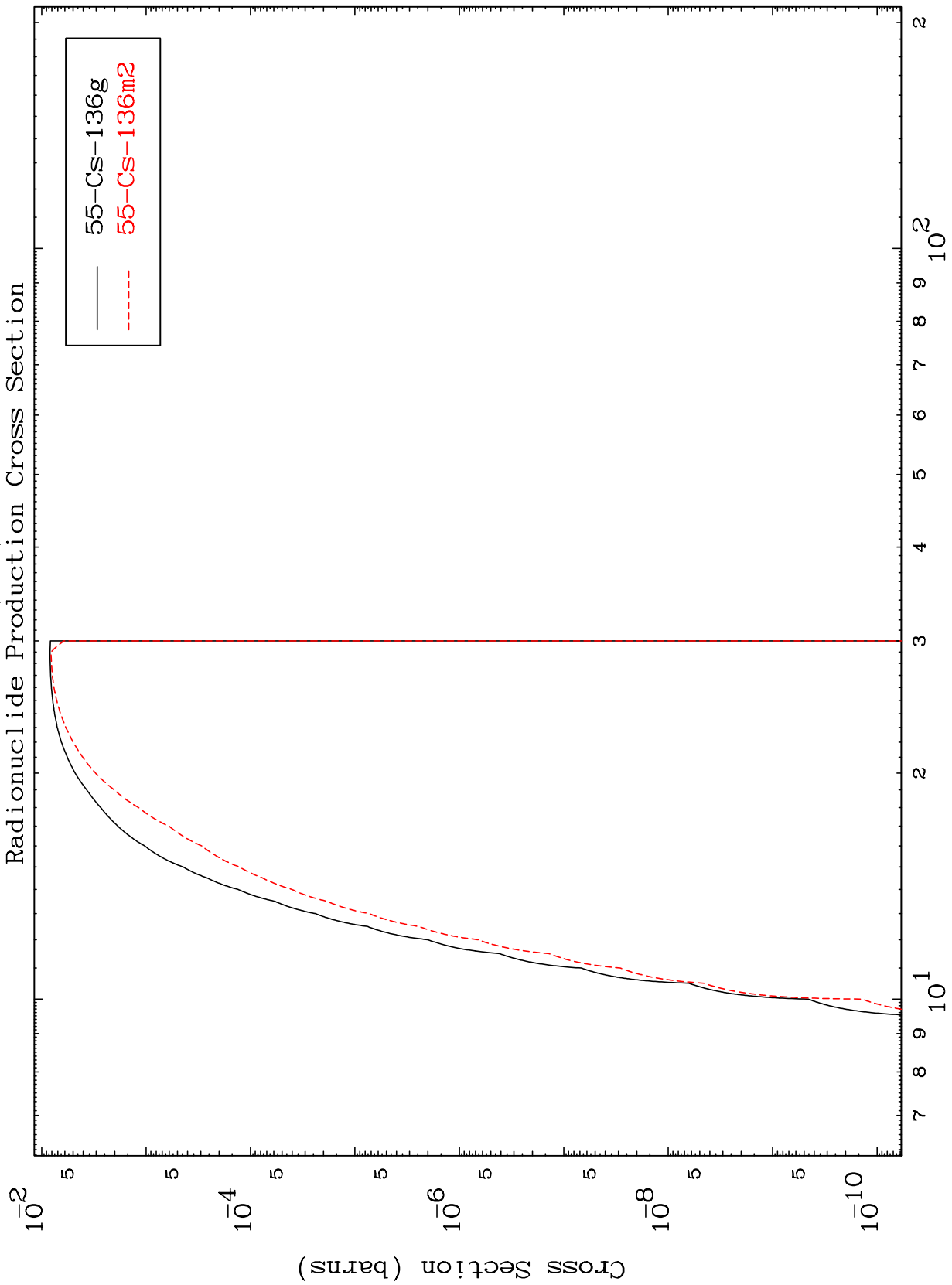
Incident Energy (MeV)

56-Ba-137

MAT 5646

56-Ba-137

(n,d)
Radionuclide Production Cross Section



154

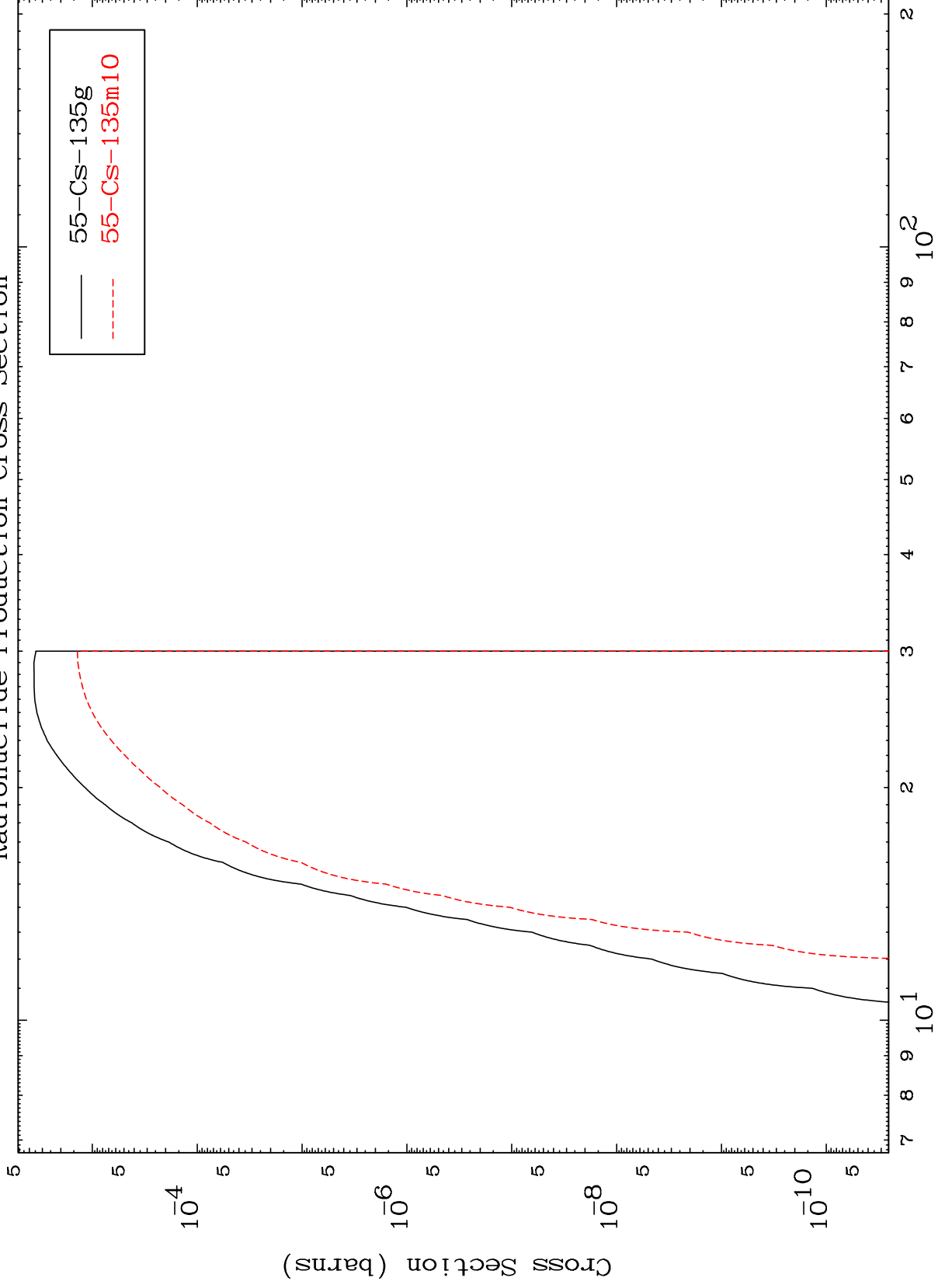
Incident Energy (MeV)

56-Ba-137

MAT 5646

56-Ba-137

(n, t)
Radionuclide Production Cross Section



56-Ba-137

Incident Energy (MeV)

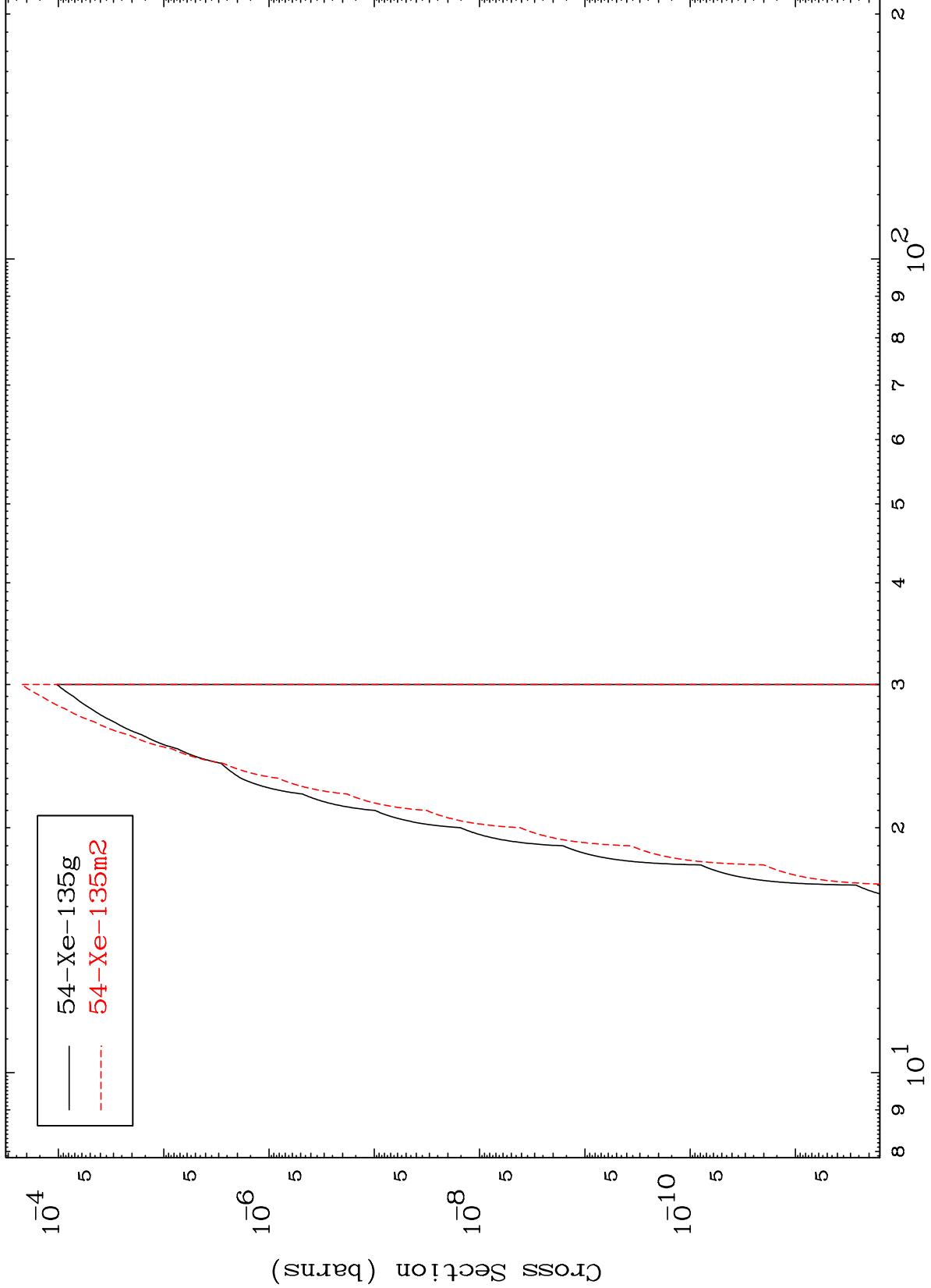
155

MAT 5646

(n,He-3)

56-Ba-137

Radionuclide Production Cross Section



156

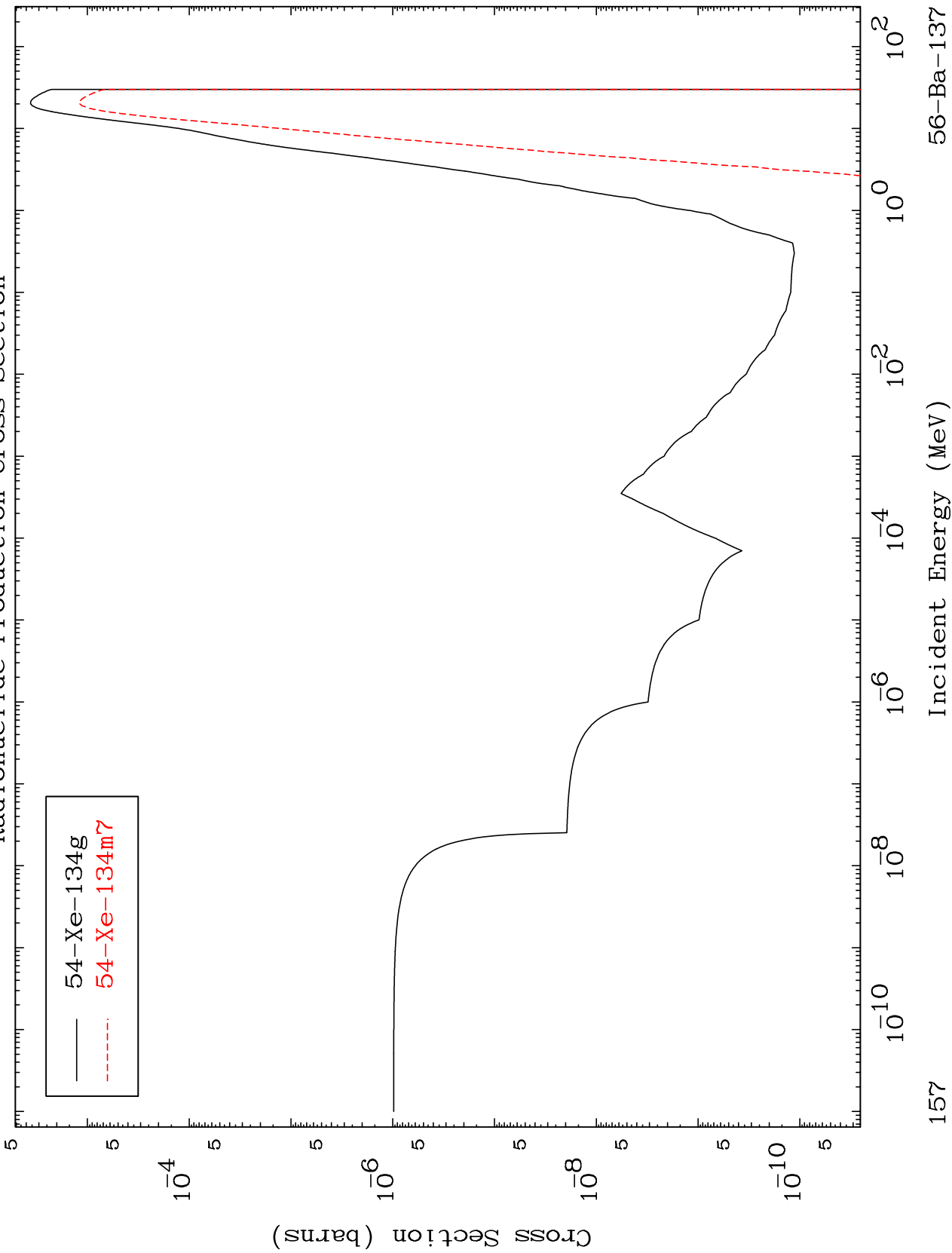
Incident Energy (MeV)

56-Ba-137

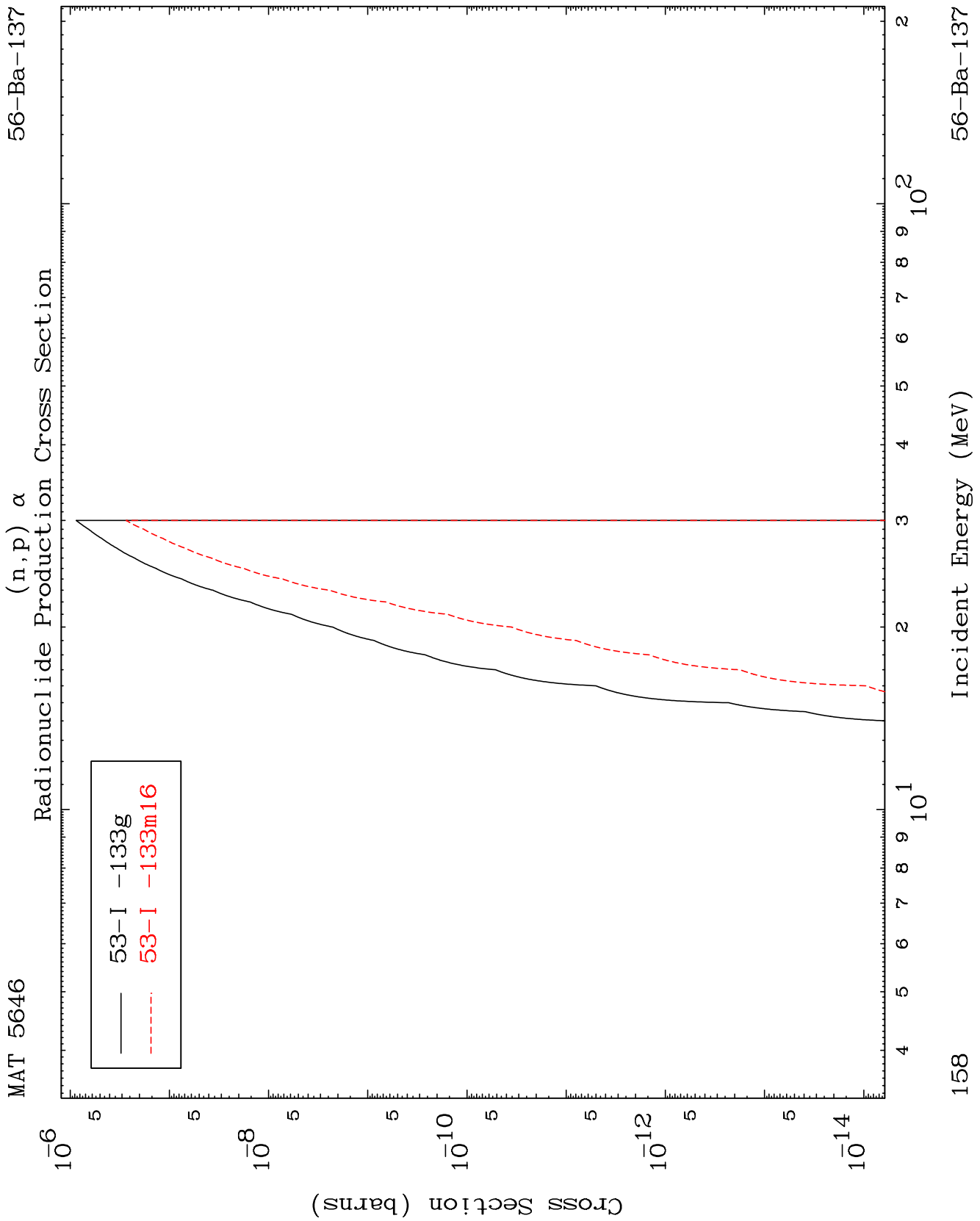
MAT 5646

56-Ba-137

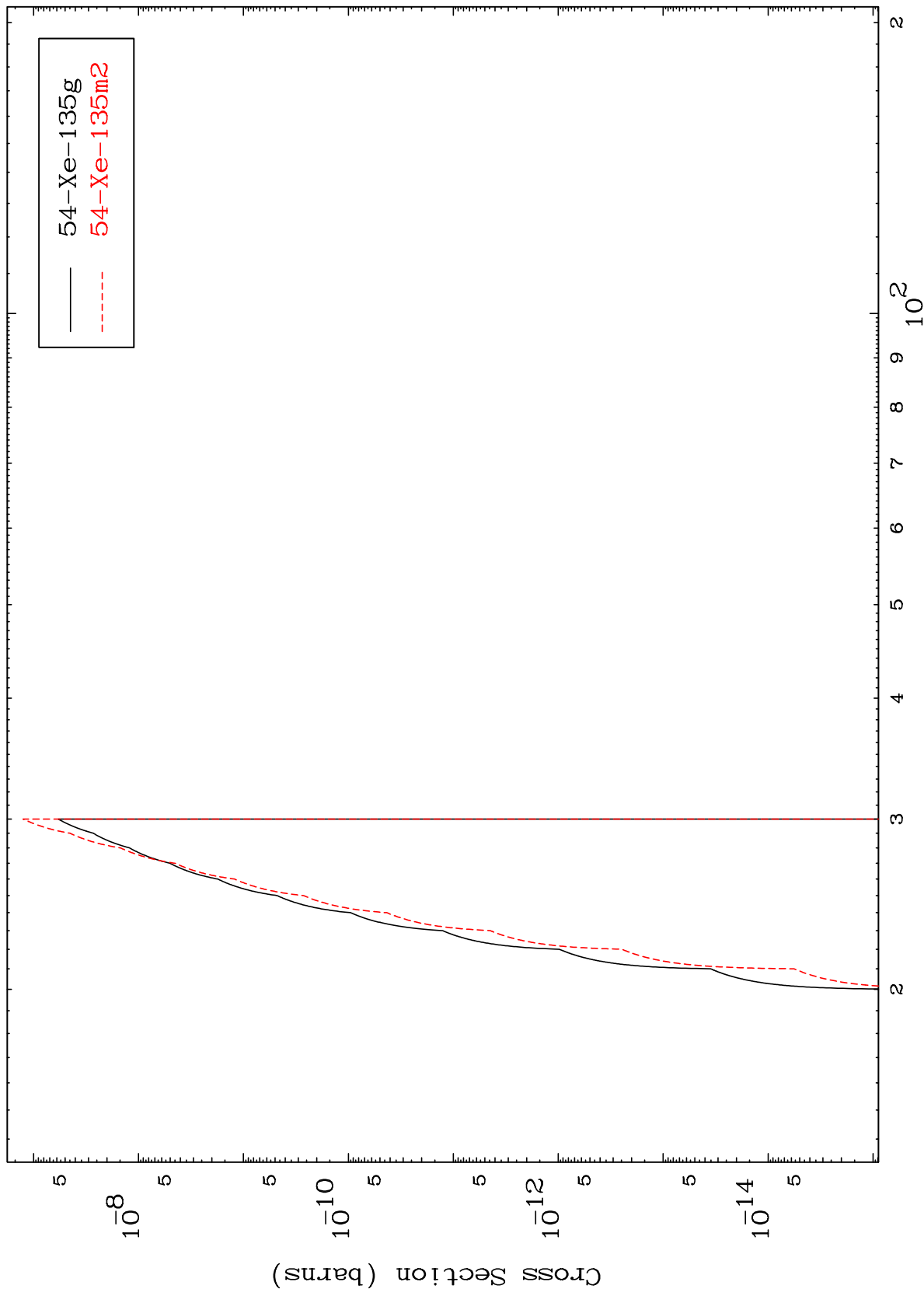
(n, α)
Radionuclide Production Cross Section



157



Radionuclide Production Cross Section

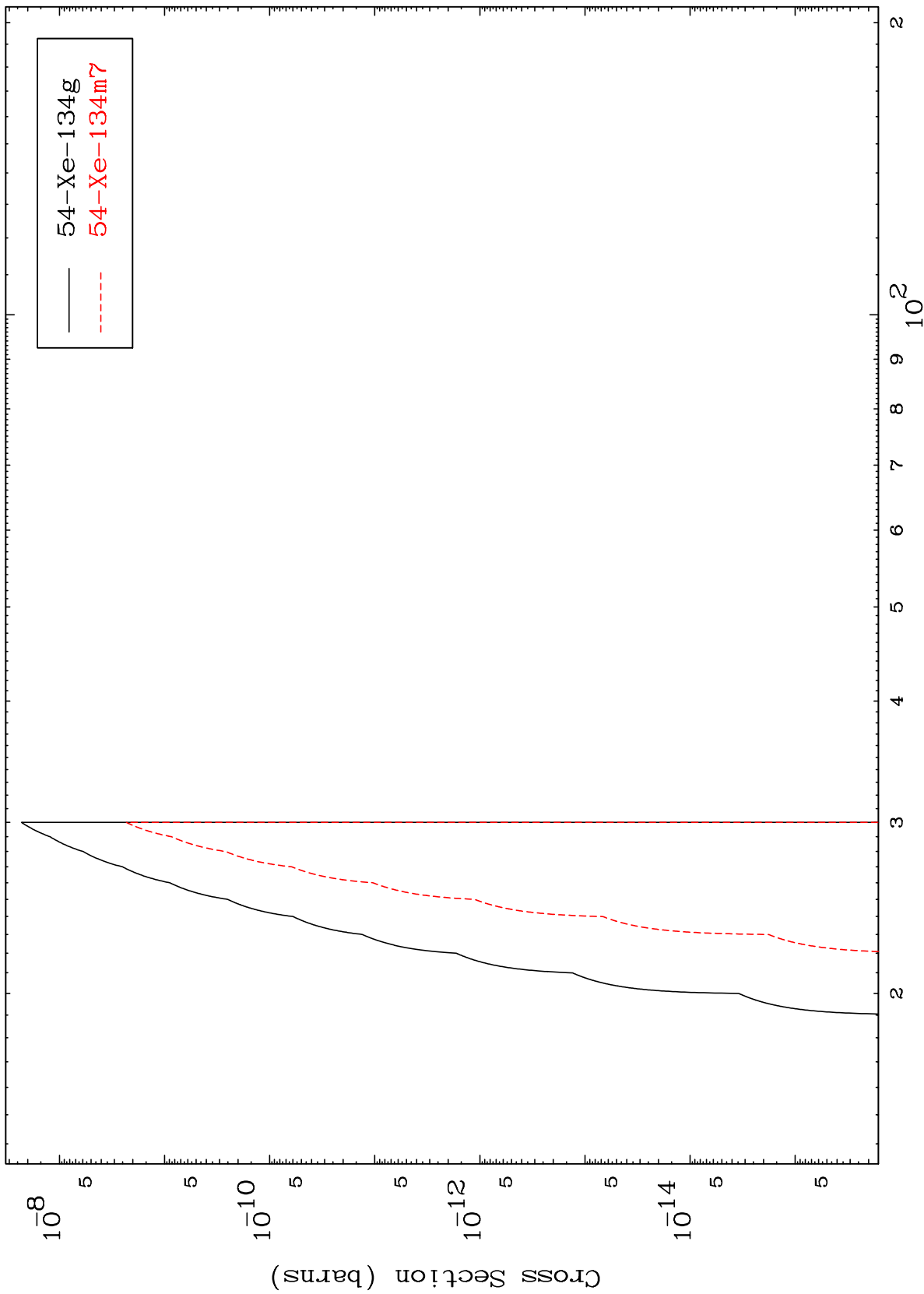


MAT 5646

(n,p) t

56-Ba-137

Radionuclide Production Cross Section



160

Incident Energy (MeV)

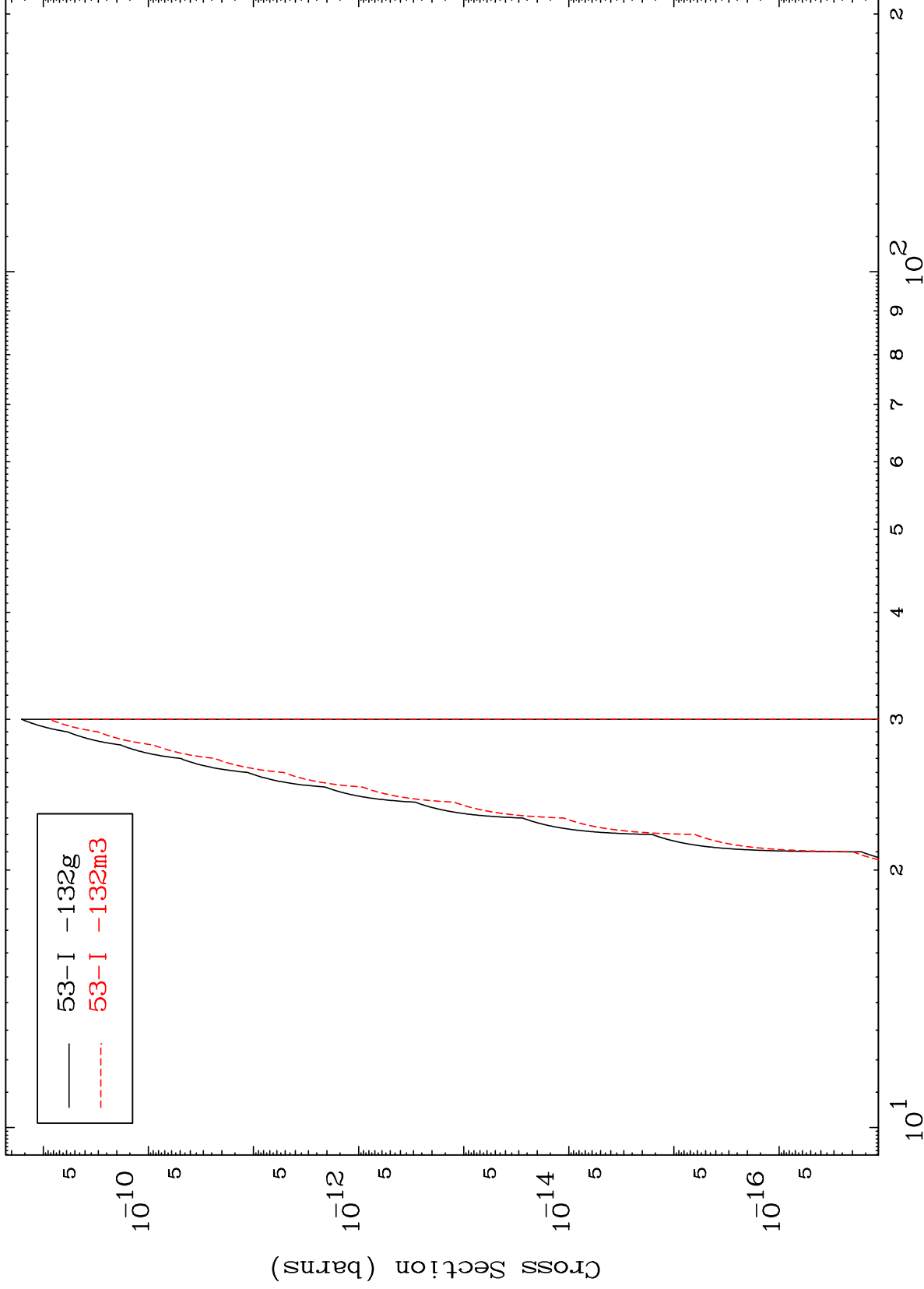
56-Ba-137

MAT 5646

(n,d) α

56-Ba-137

Radionuclide Production Cross Section



161

Incident Energy (MeV)

56-Ba-137