

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

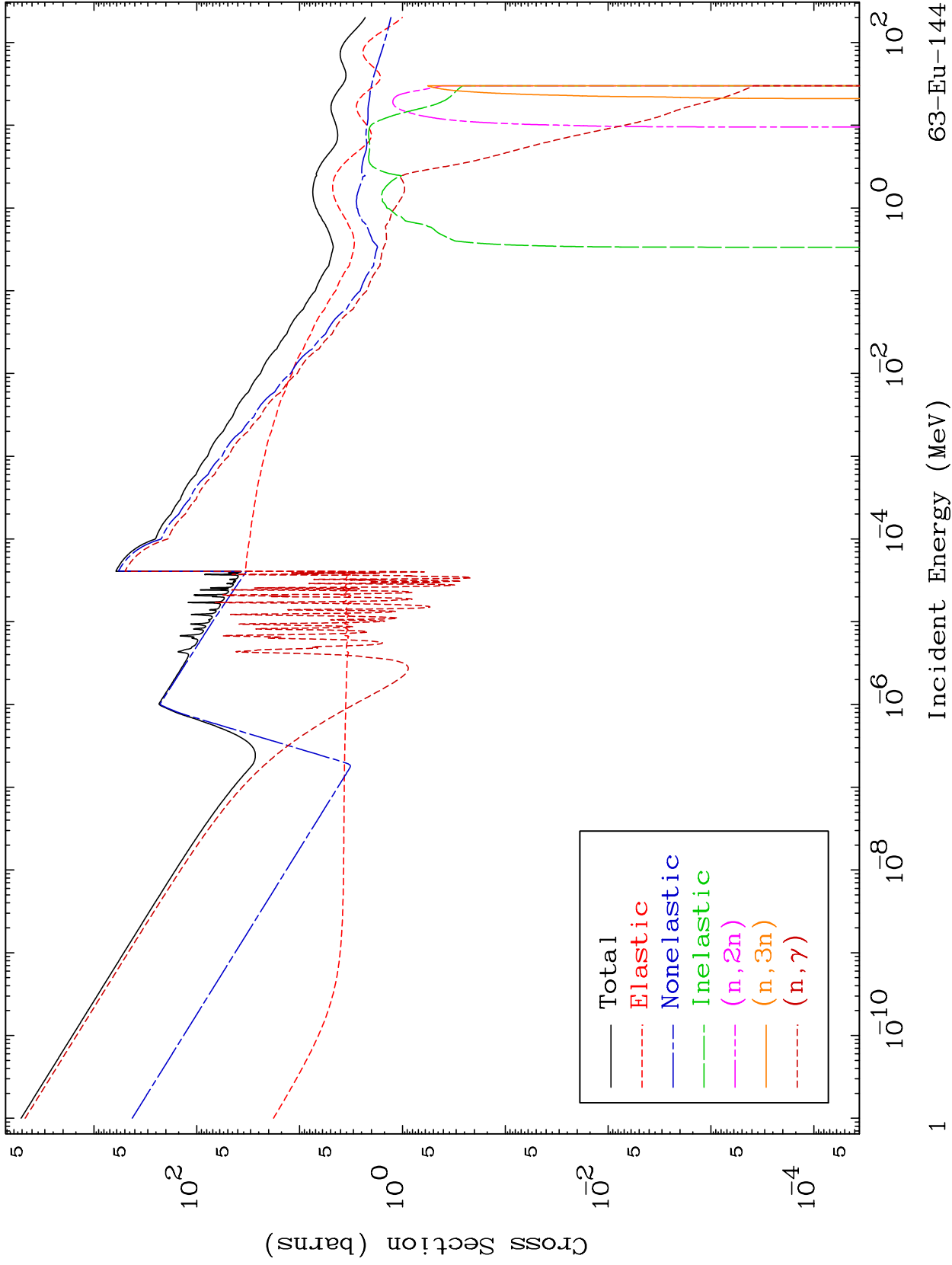
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Press Mouse Button to Start

MAT 6304

Neutron Major
293 Kelvin Cross Sections

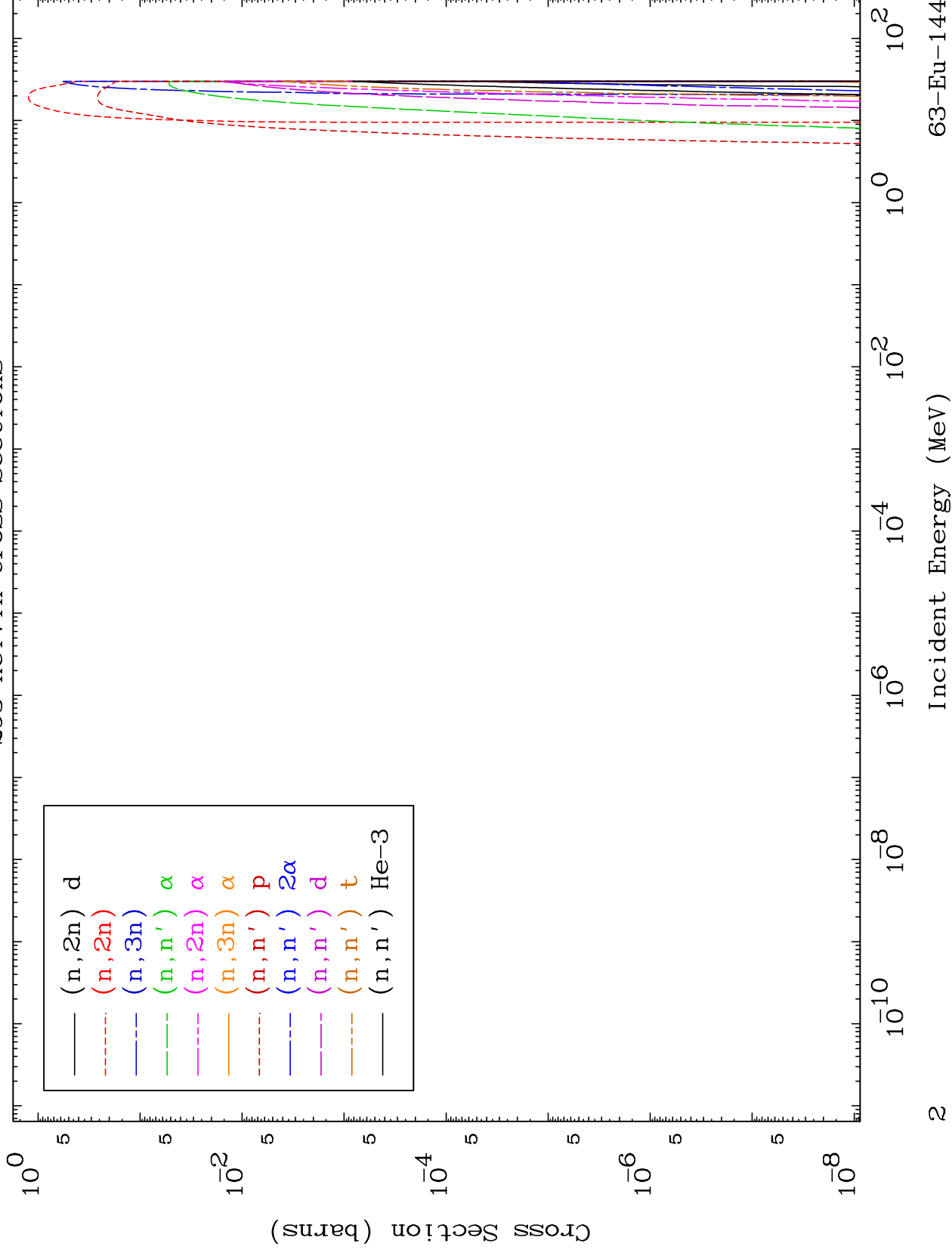
63-Eu-144

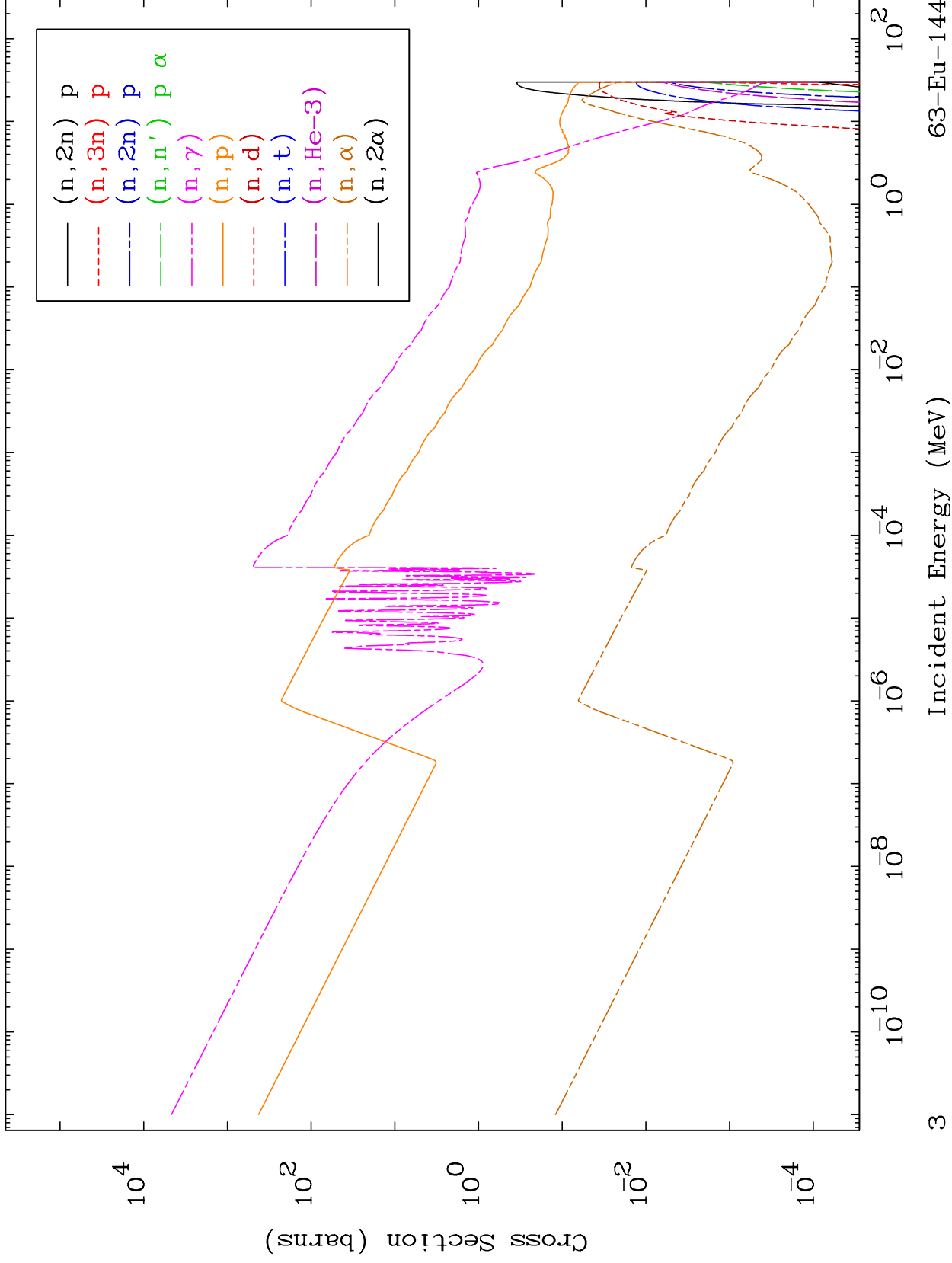


MAT 6304

Neutron Absorption
293 Kelvin Cross Sections

63-Eu-144

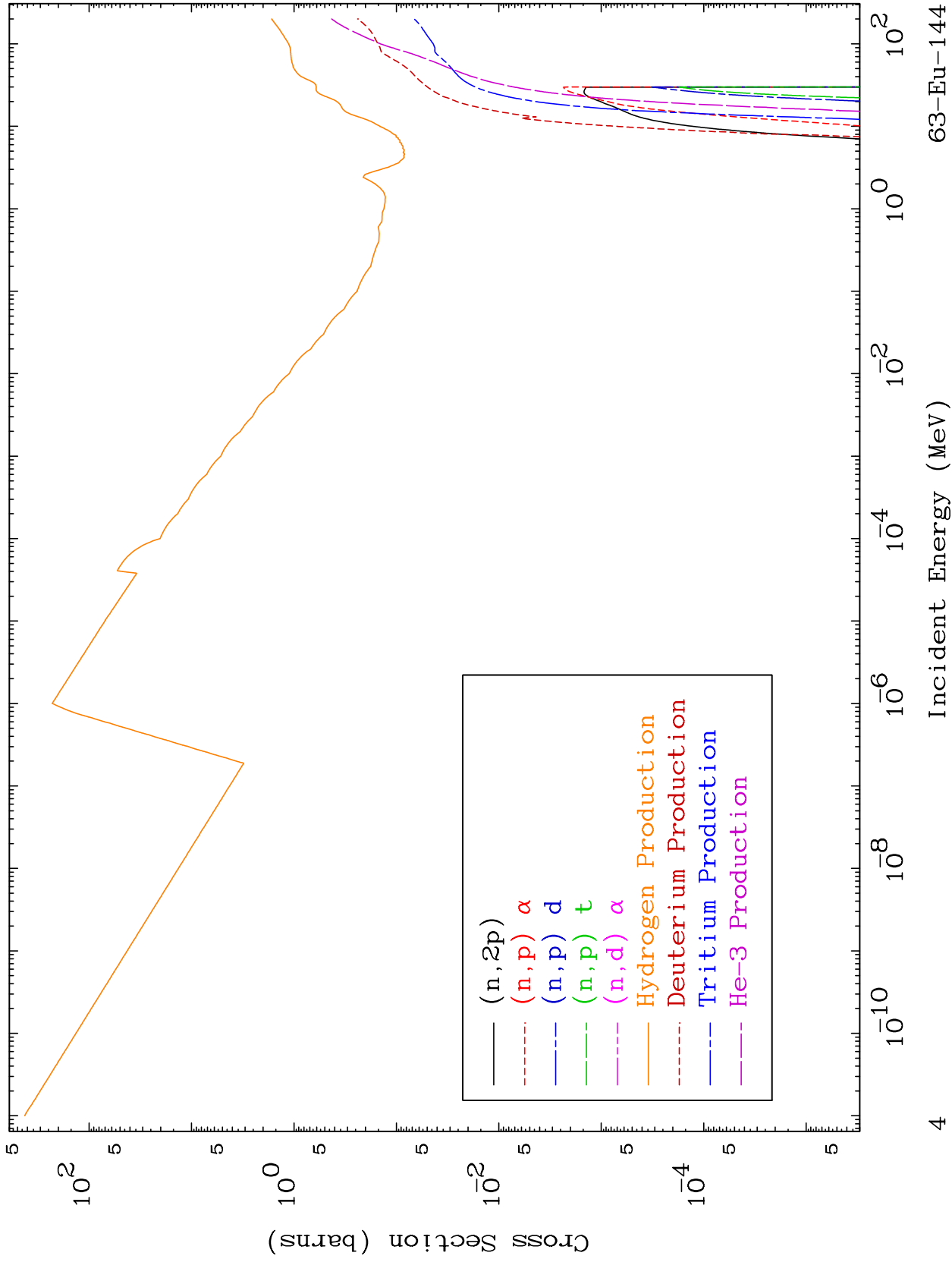




MAT 6304

Neutron Absorption
293 Kelvin Cross Sections

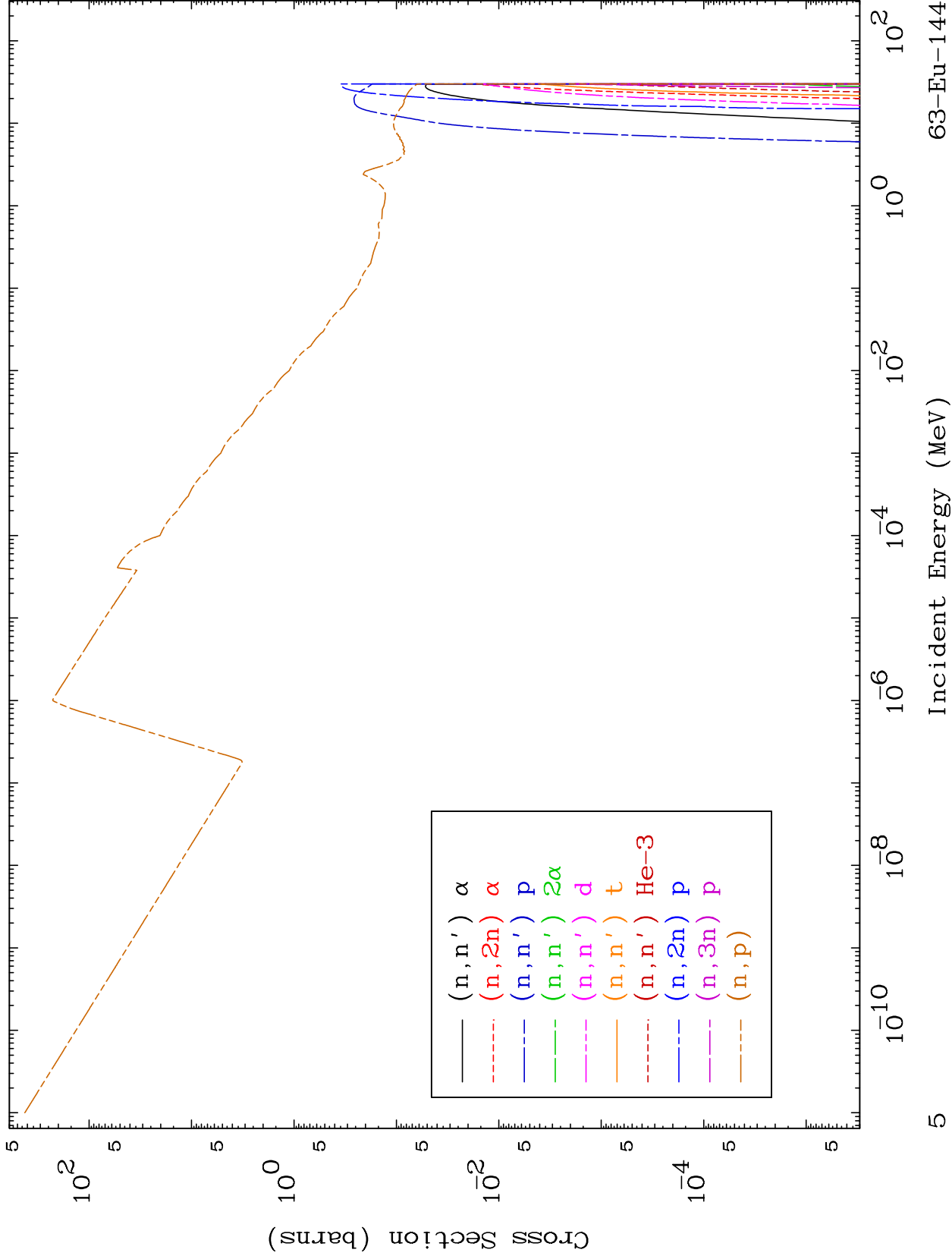
63-Eu-144



MAT 6304

Charged Particle
293 Kelvin Cross Sections

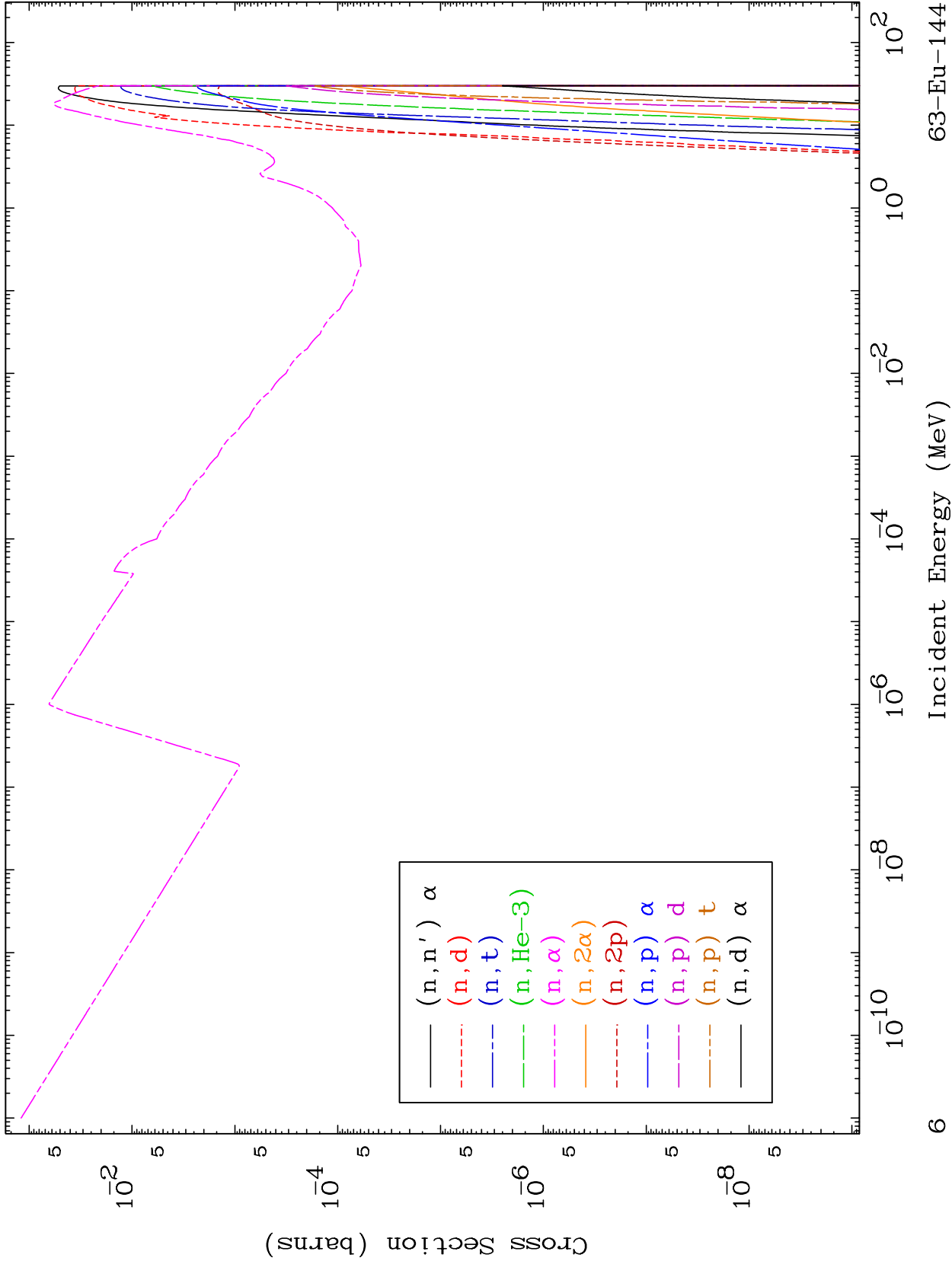
63-Eu-144



MAT 6304

Charged Particle
293 Kelvin Cross Sections

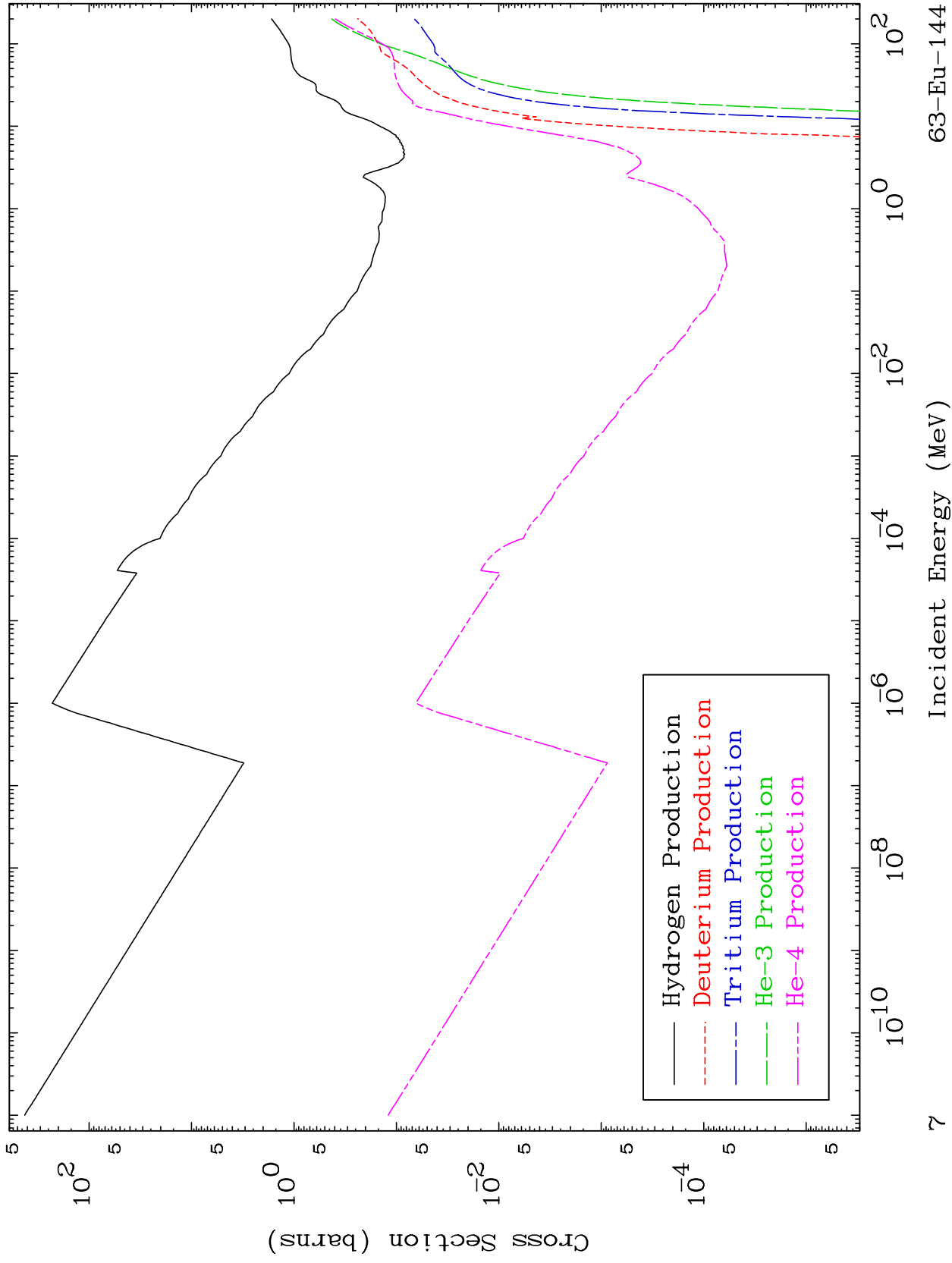
63-Eu-144



MAT 6304

Particle Production
293 Kelvin Cross Sections

63-Eu-144

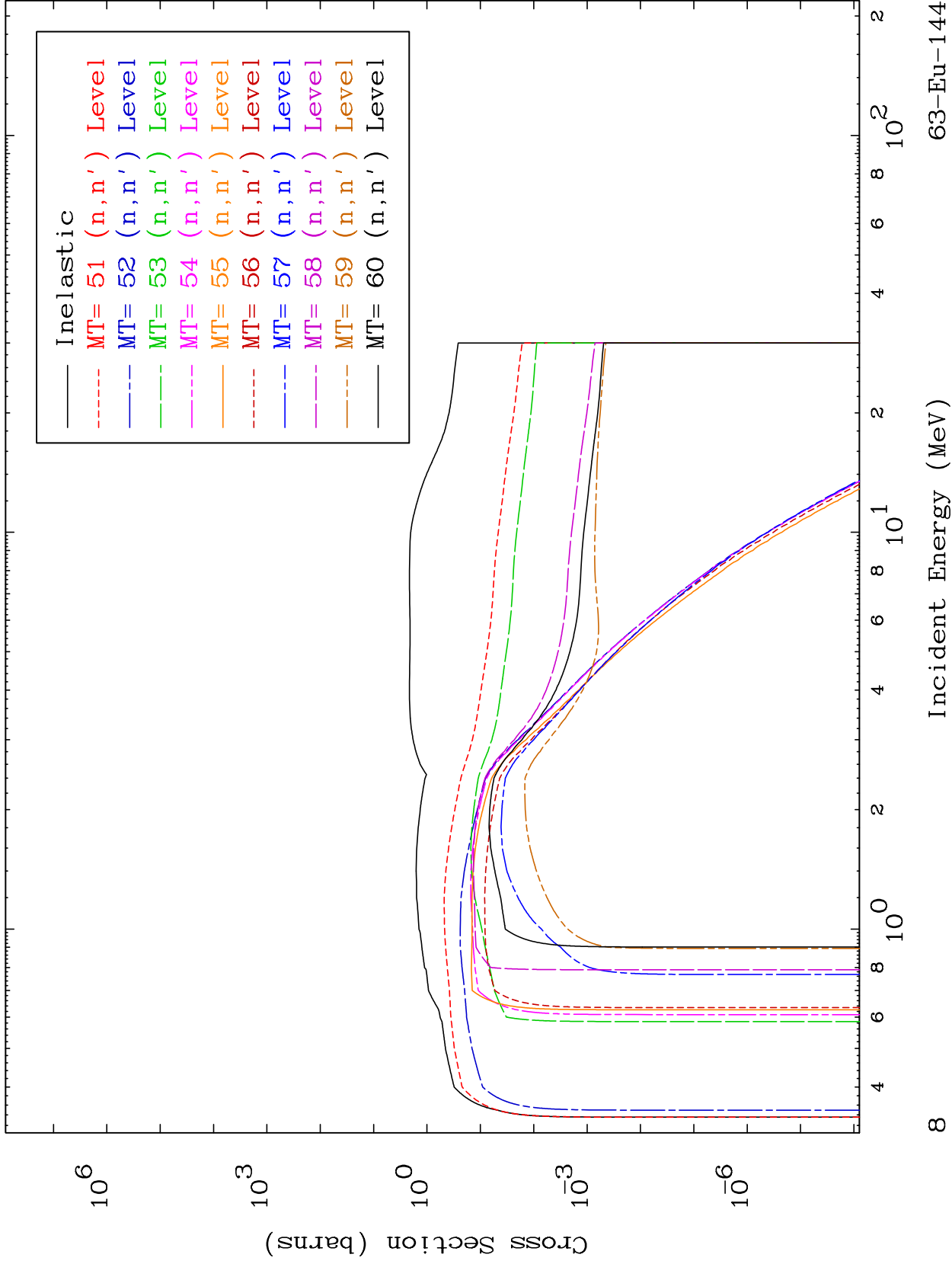


MAT 6304

(n,n') Levels

63-Eu-144

293 Kelvin Cross Sections



8

Incident Energy (MeV)

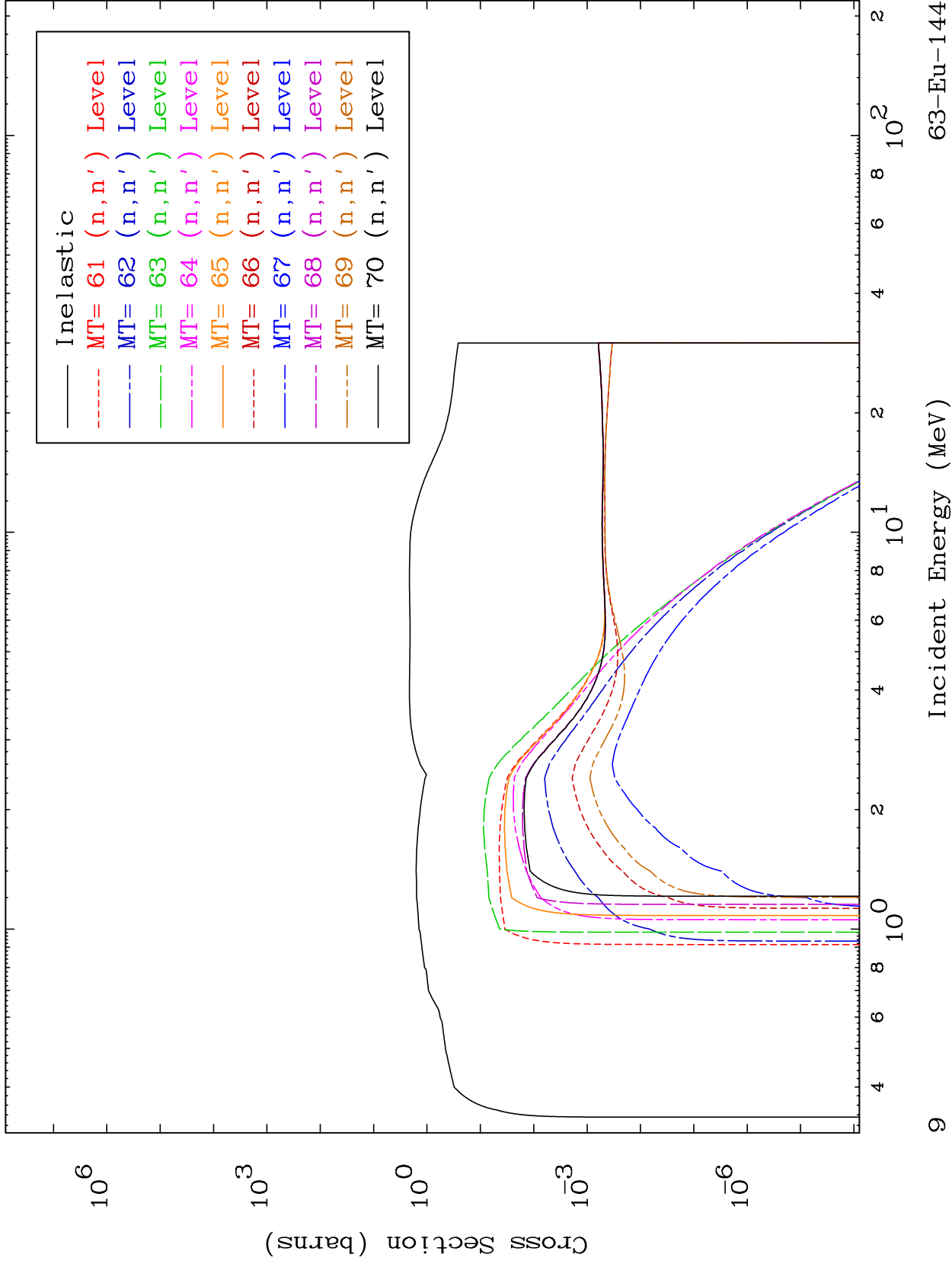
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MAT 6304

(n,n') Levels

63-Eu-144

293 Kelvin Cross Sections

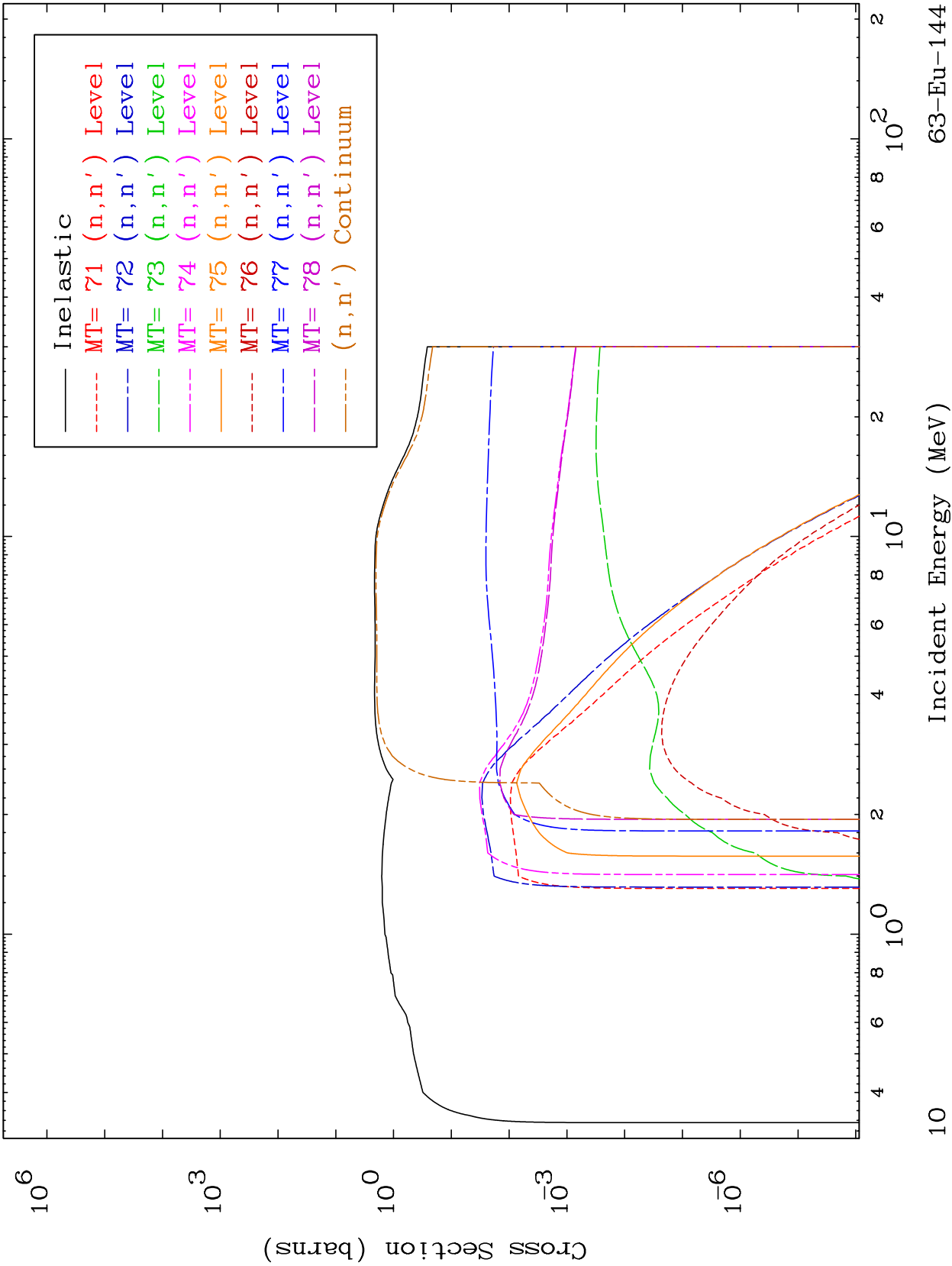


MAT 6304

(n,n') Levels

63-Eu-144

293 Kelvin Cross Sections



10

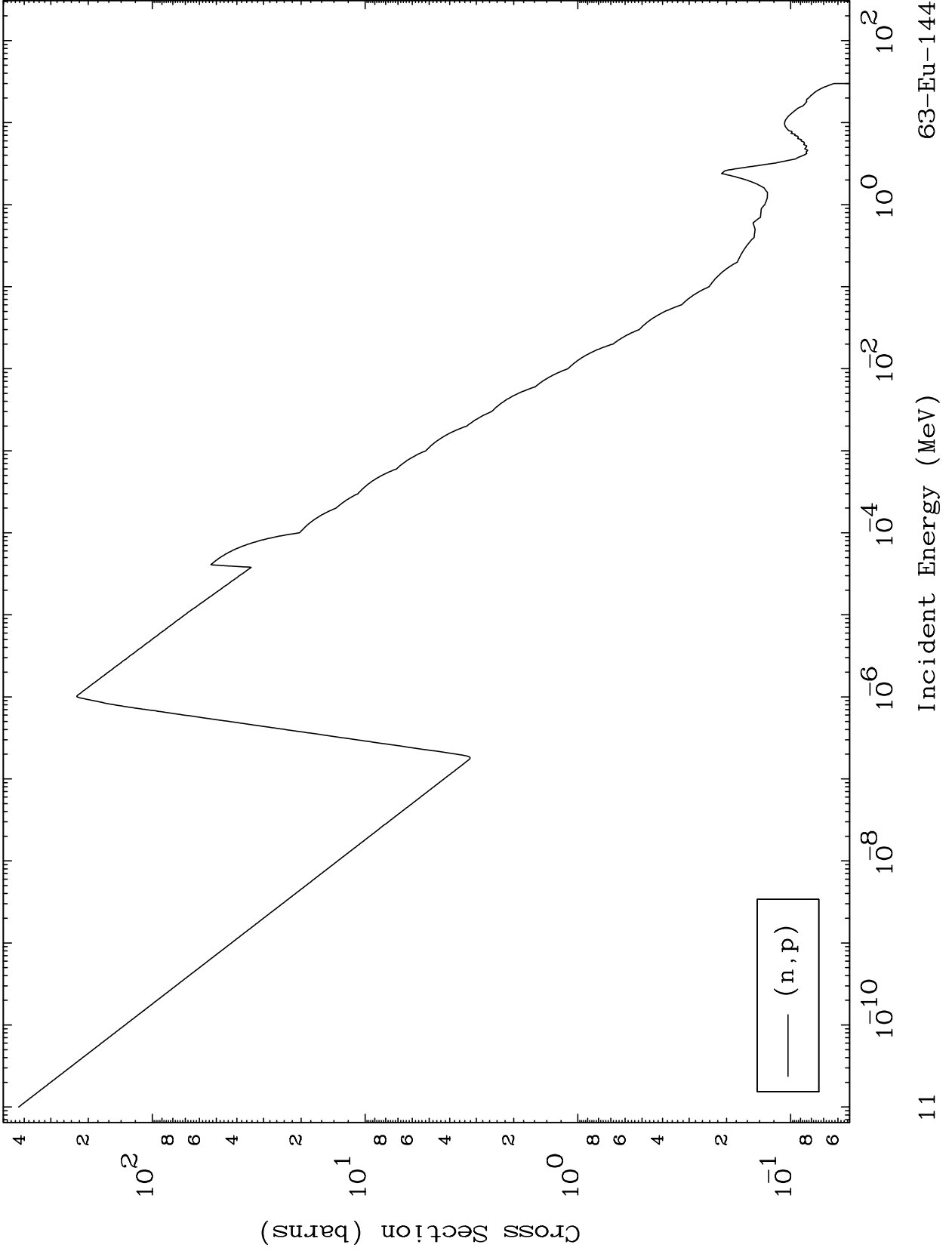
Incident Energy (MeV)

63-Eu-144

MAT 6304

(n,p) Levels
293 Kelvin Cross Sections

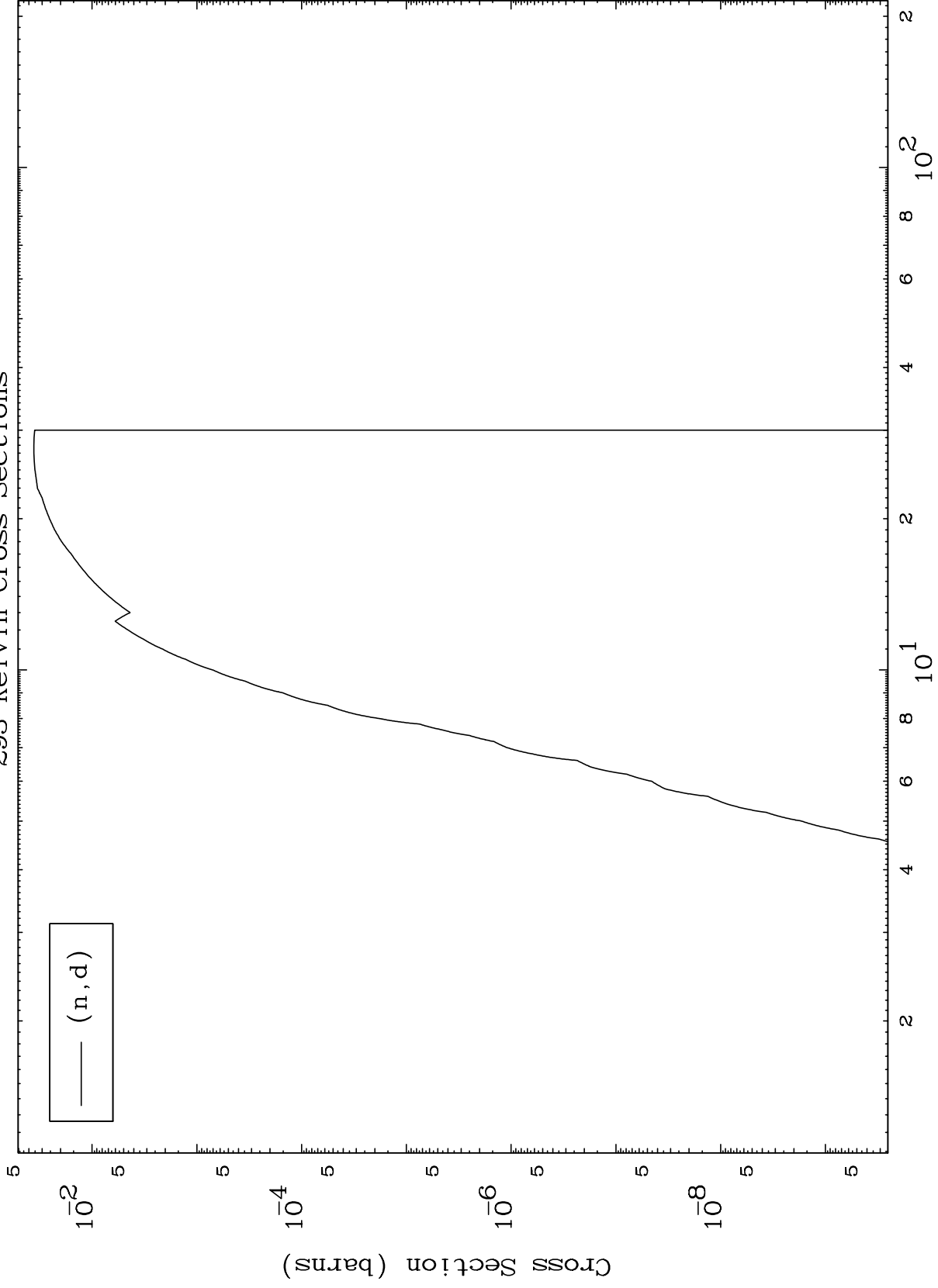
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MAT 6304

(n,d) Levels
293 Kelvin Cross Sections

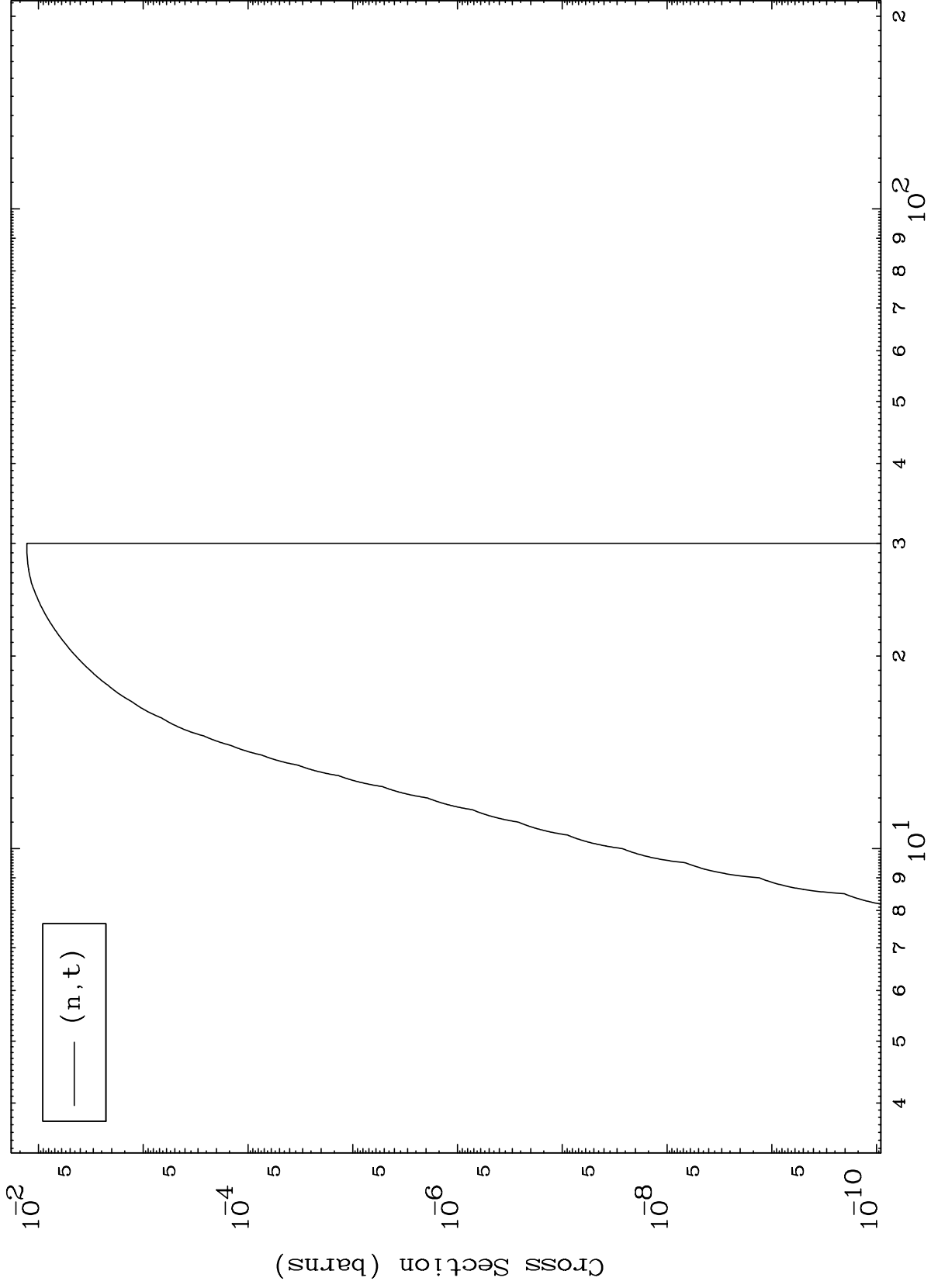
63-Eu-144



MAT 6304

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-144



13

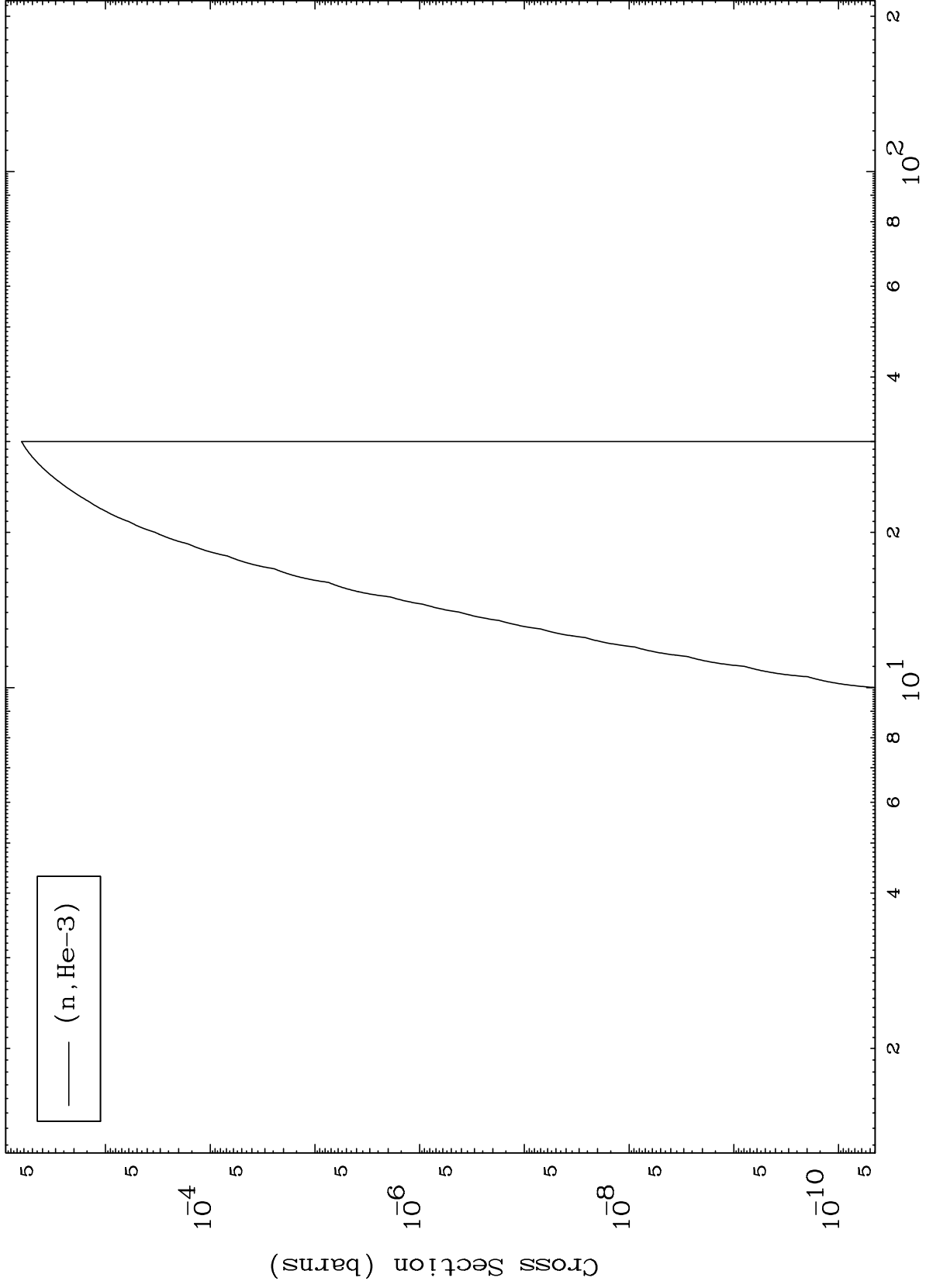
Incident Energy (MeV)

63-Eu-144

MAT 6304

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-144



14

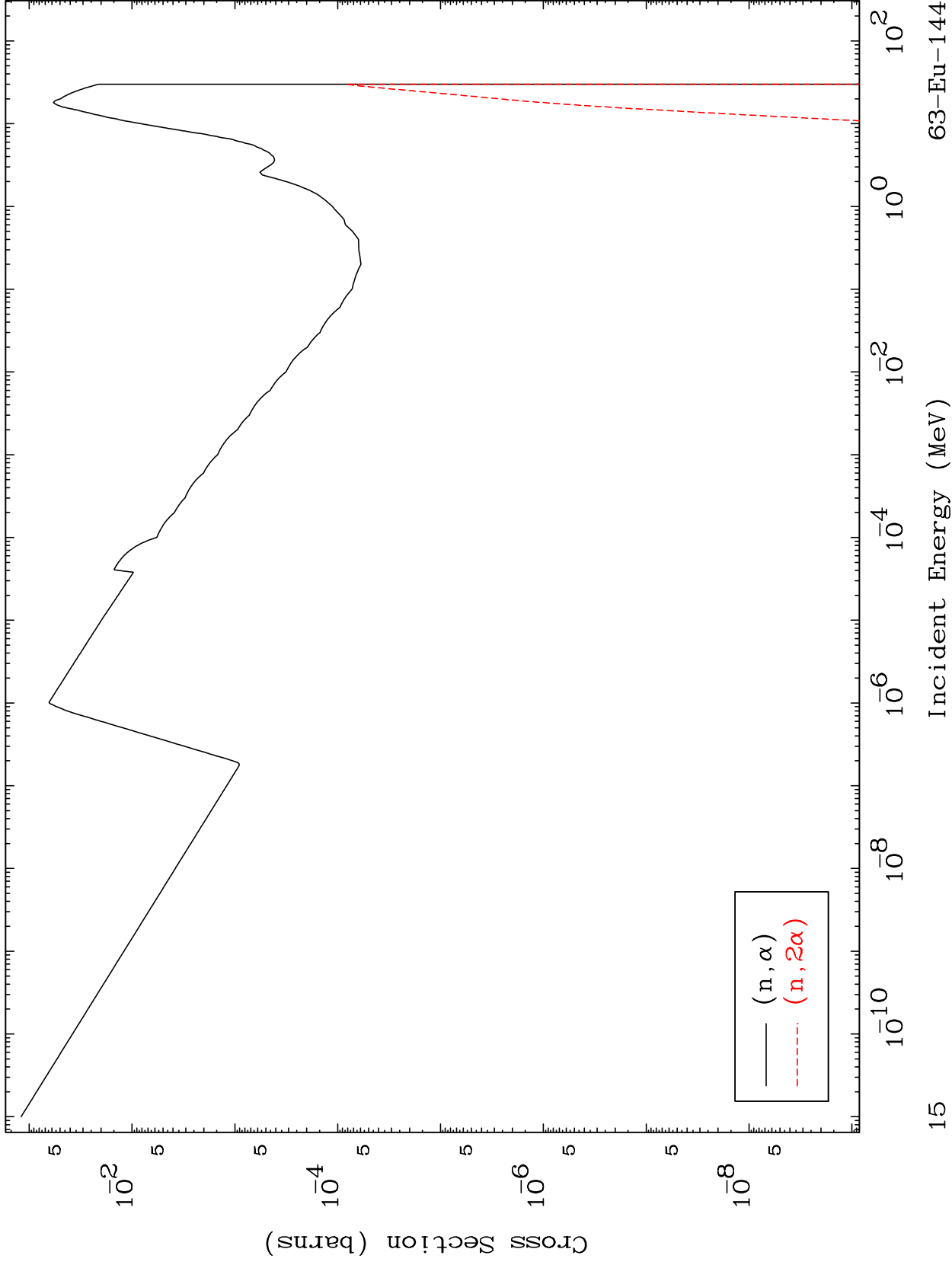
Incident Energy (MeV)

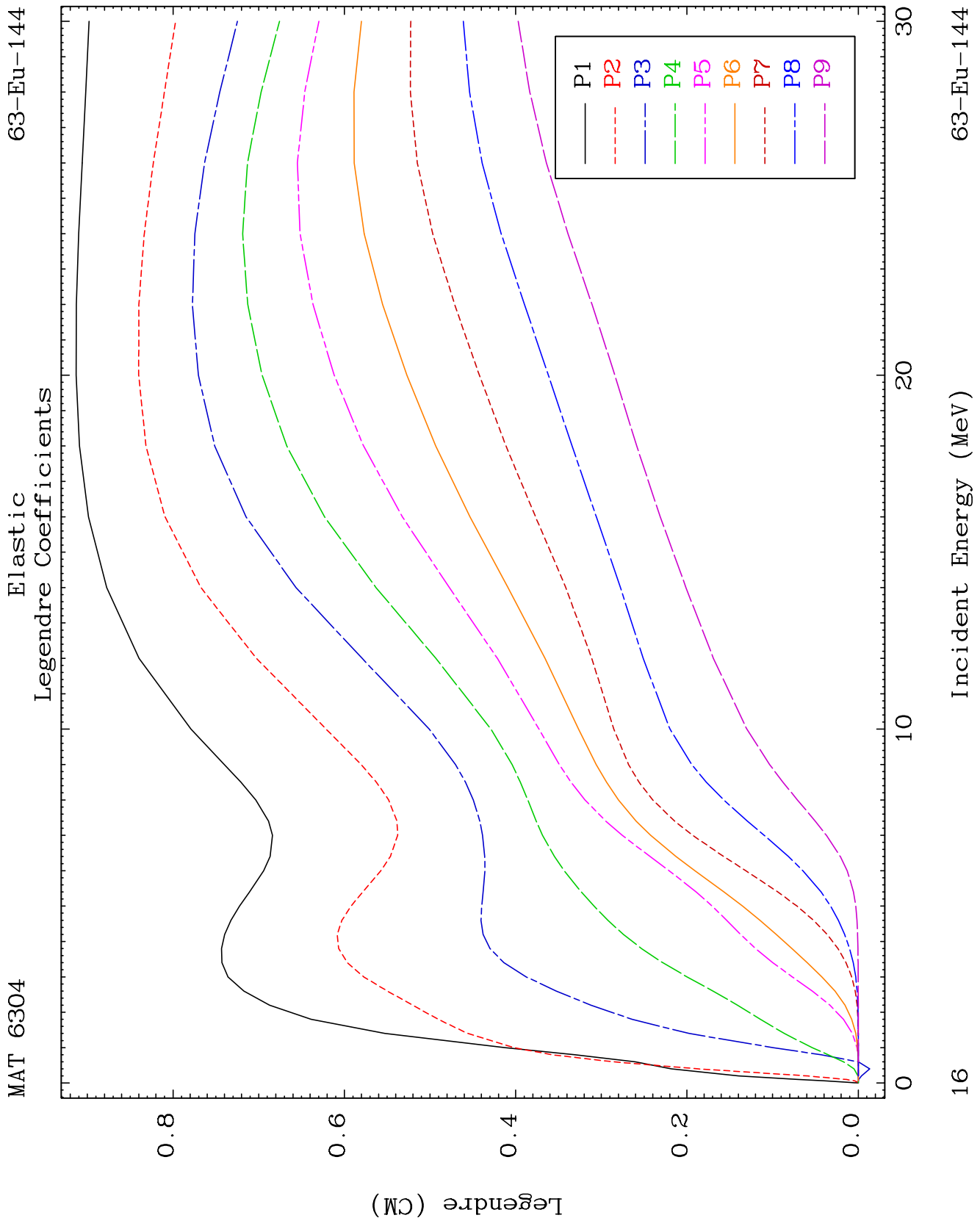
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MAT 6304

(n,α) Levels
293 Kelvin Cross Sections

63-Eu-144

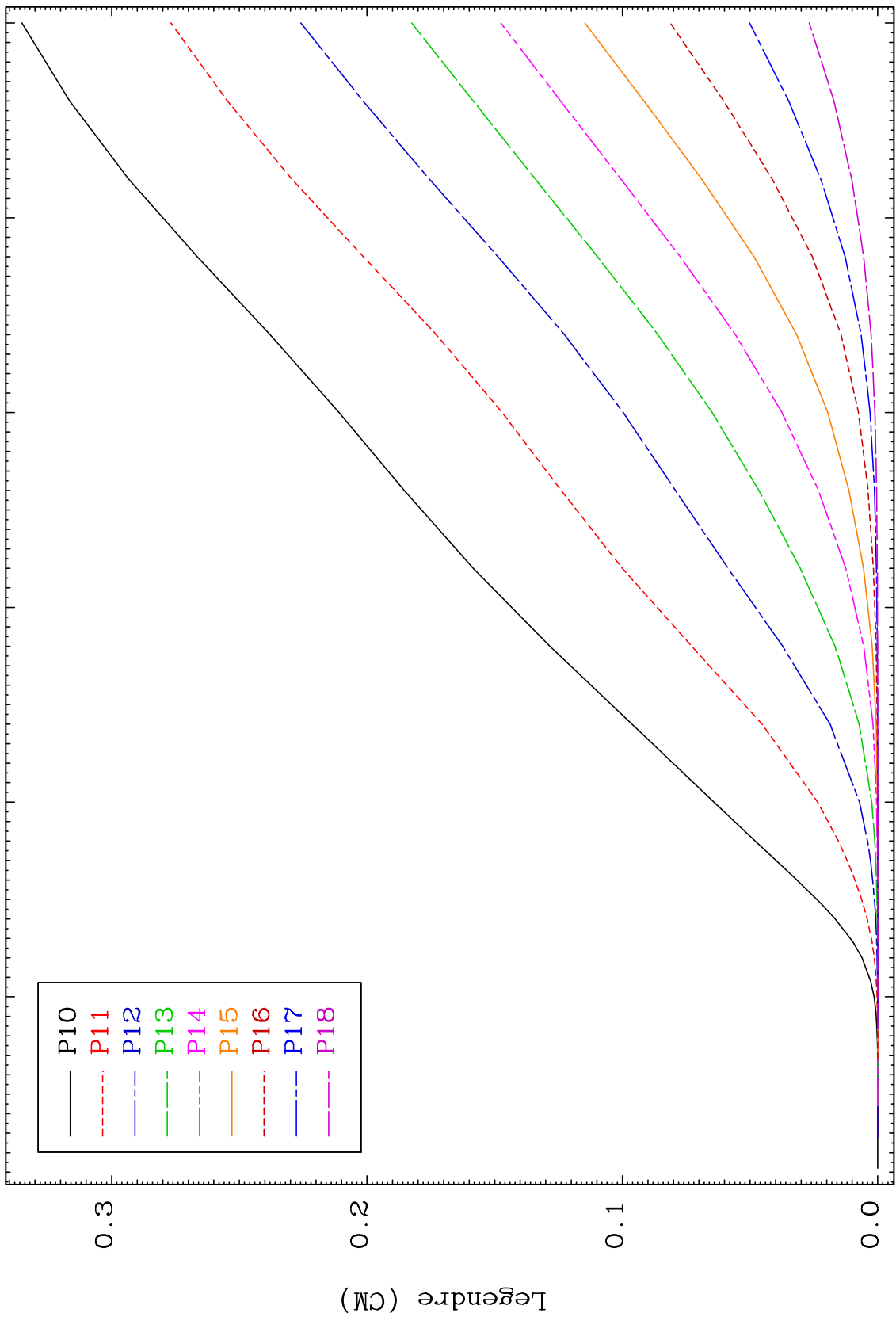




MAT 6304

Elastic Legendre Coefficients

63-Eu-144



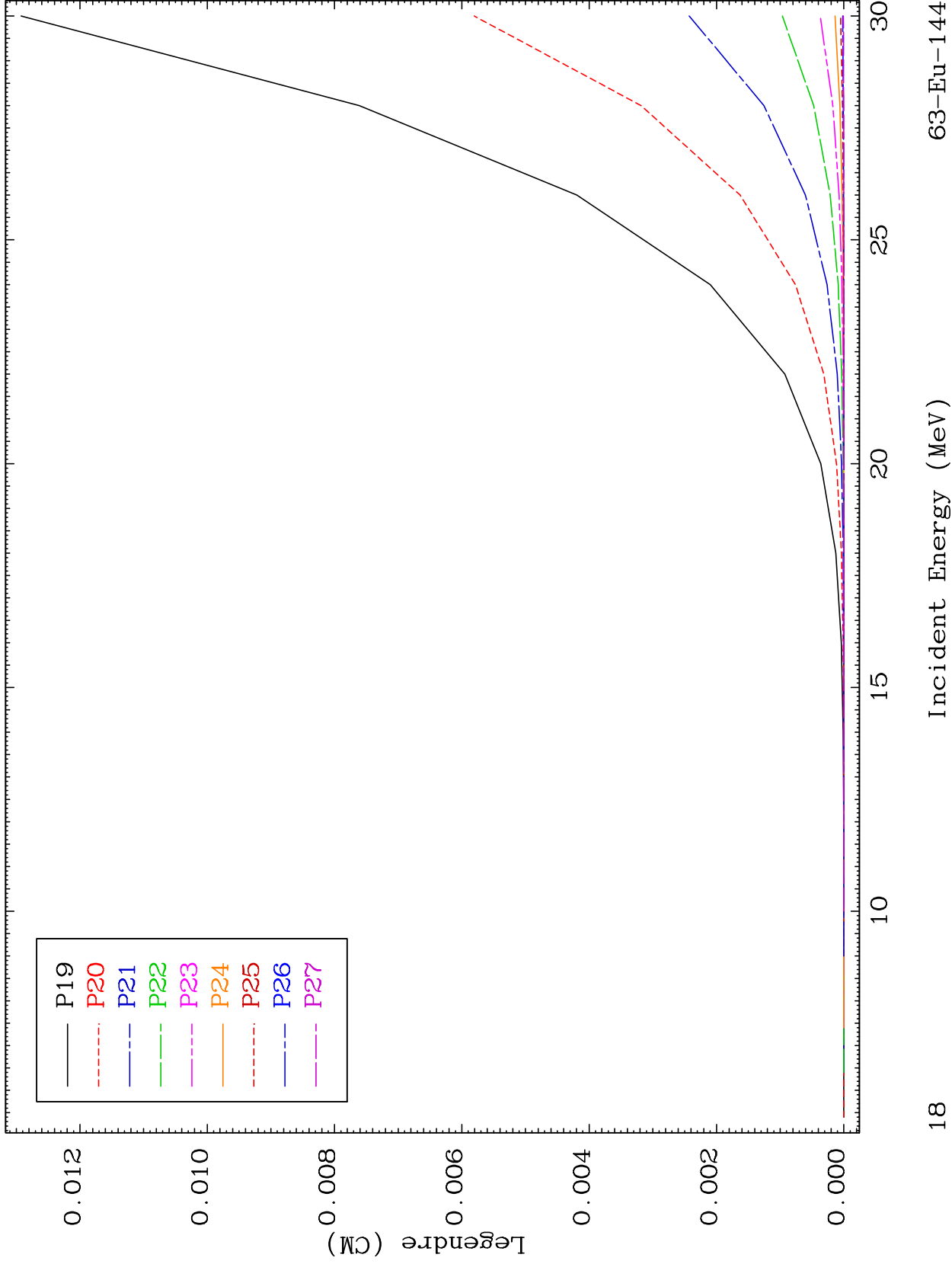
17

63-Eu-144

MAT 6304

Elastic Legendre Coefficients

⁶³-Eu-144



18

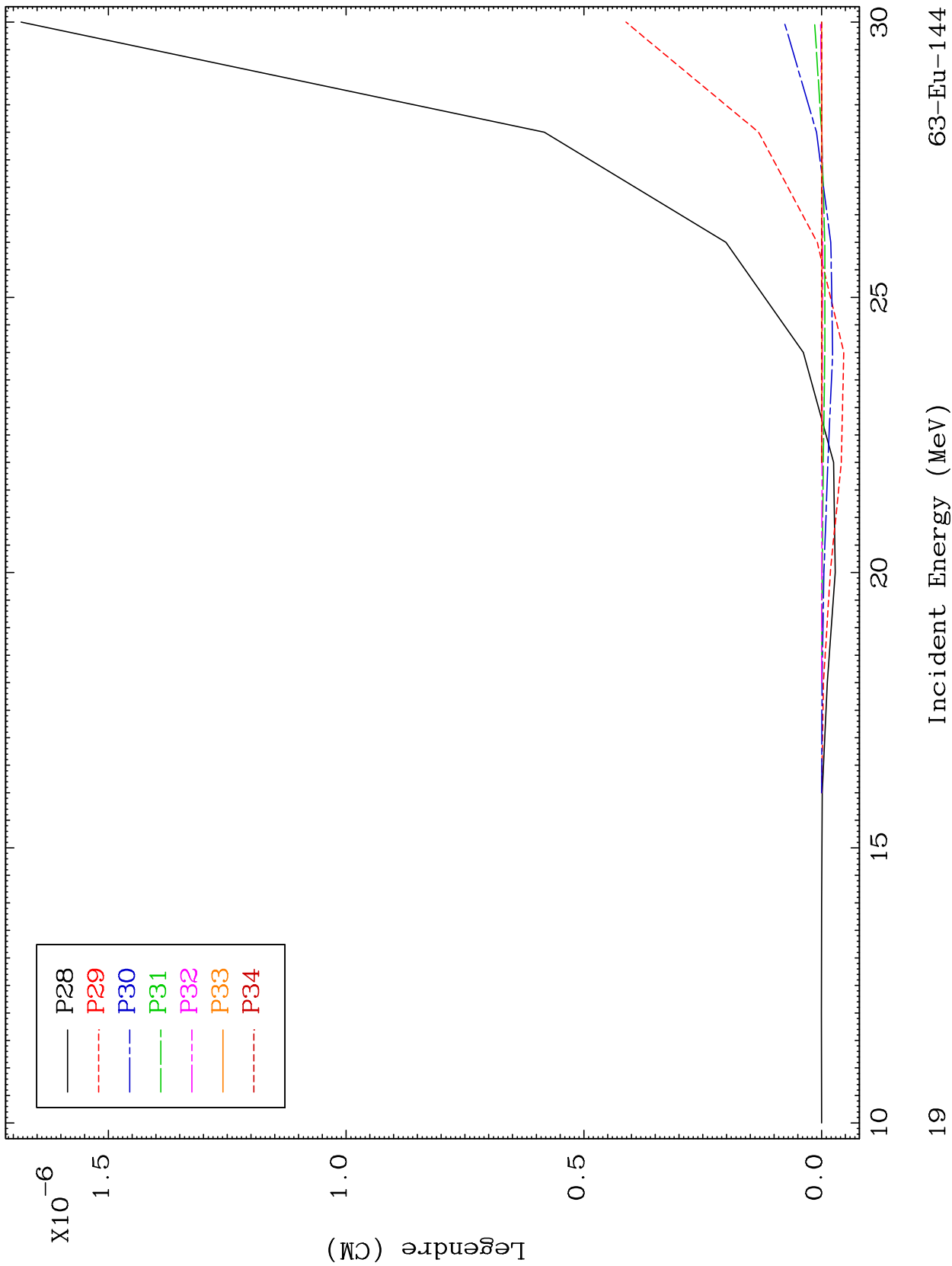
Incident Energy (MeV)

⁶³-Eu-144

MAT 6304

Elastic Legendre Coefficients

63-Eu-144



19

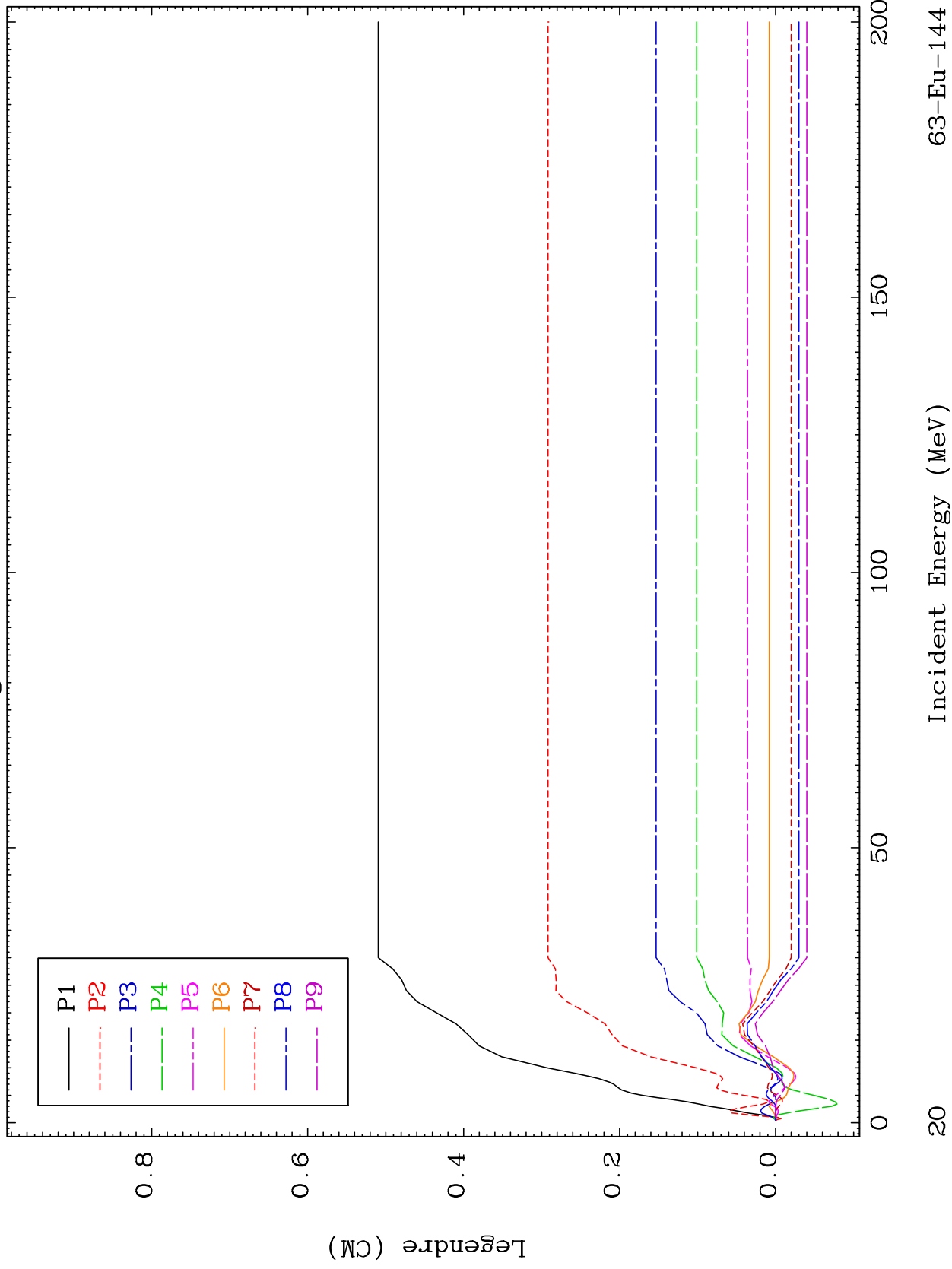
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



63-Eu-144

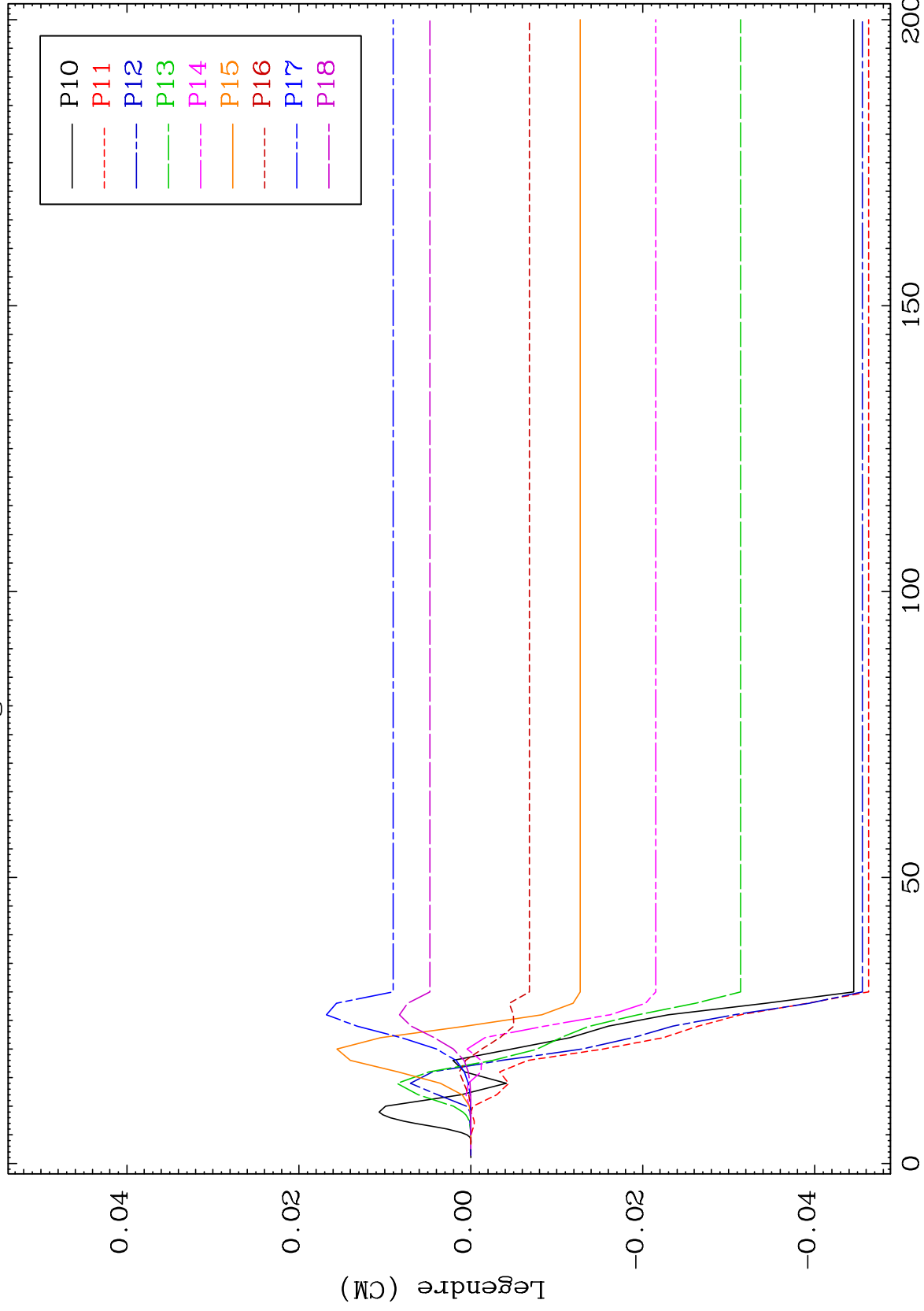
Incident Energy (MeV)

0

MAT 6304

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

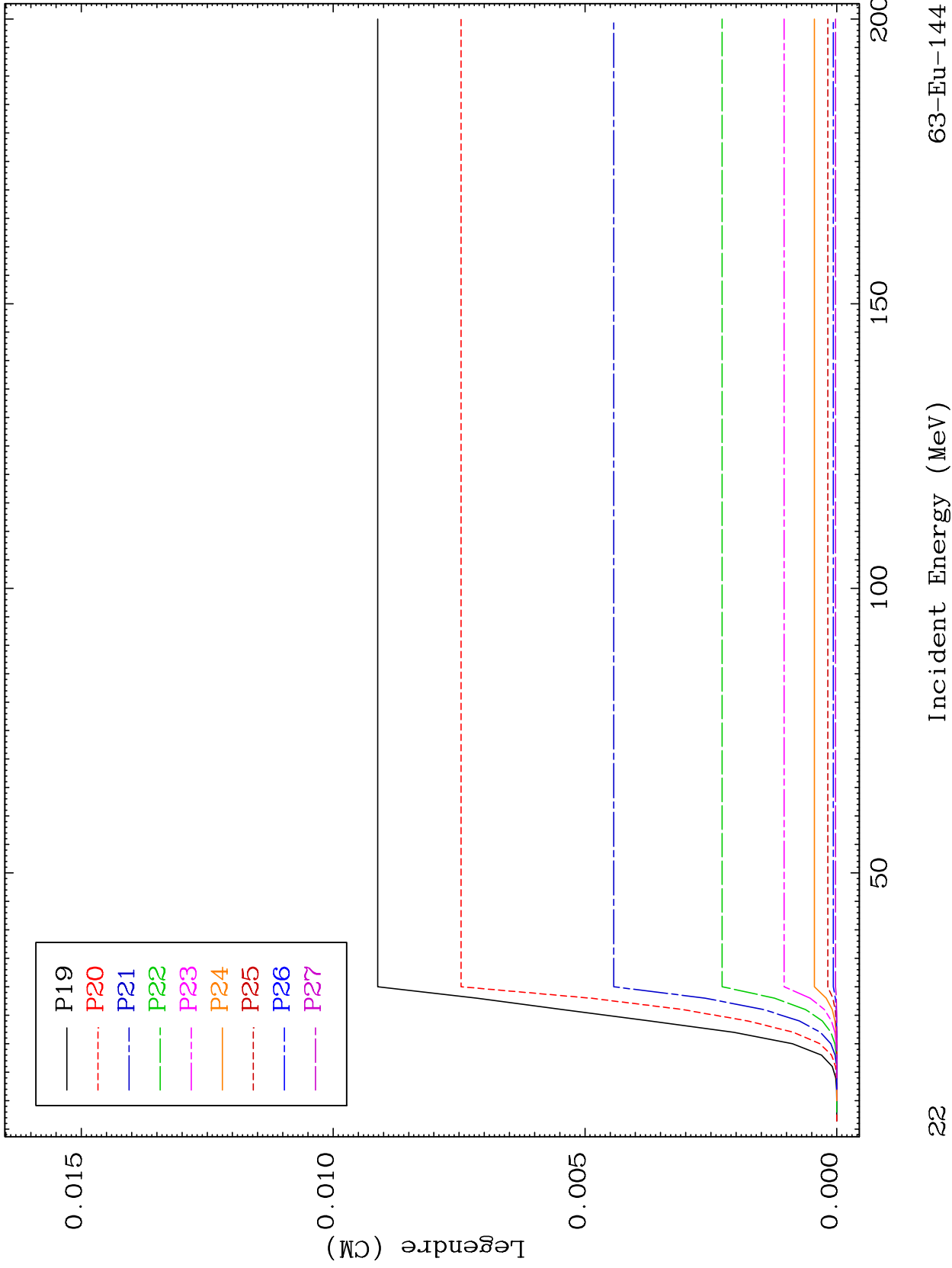
63-Eu-144



21

Incident Energy (MeV)

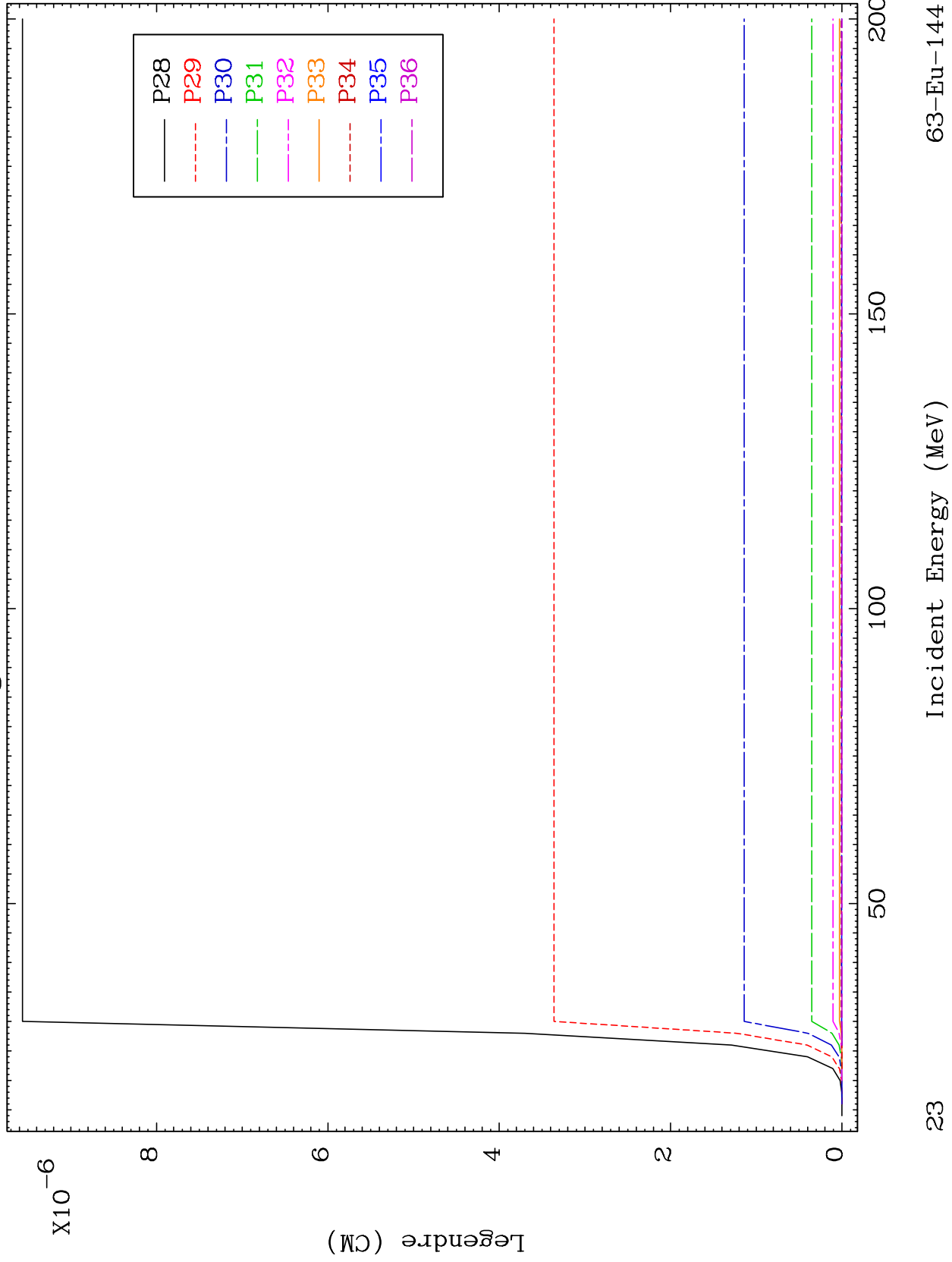
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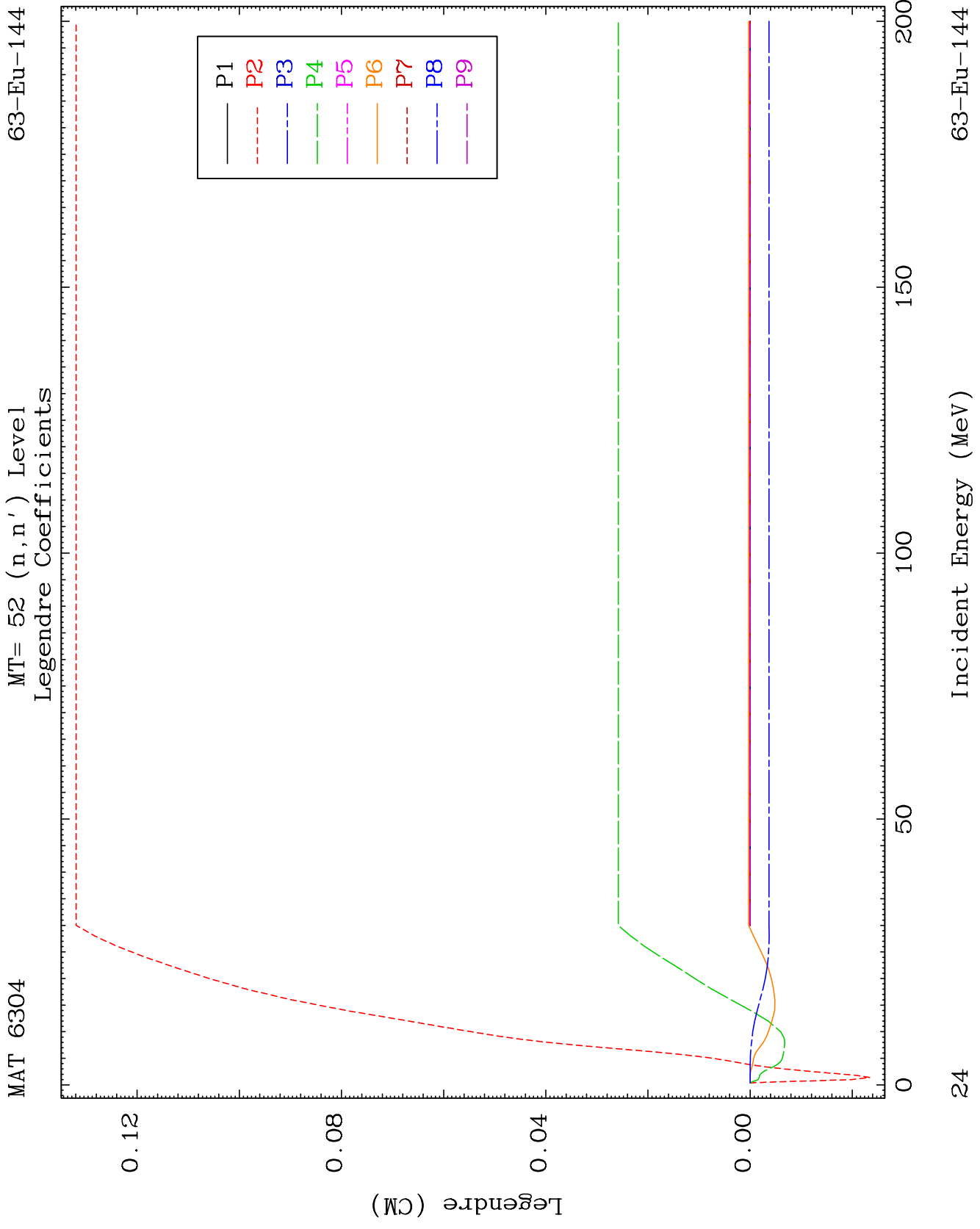
MAT 6304

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

63-Eu-144



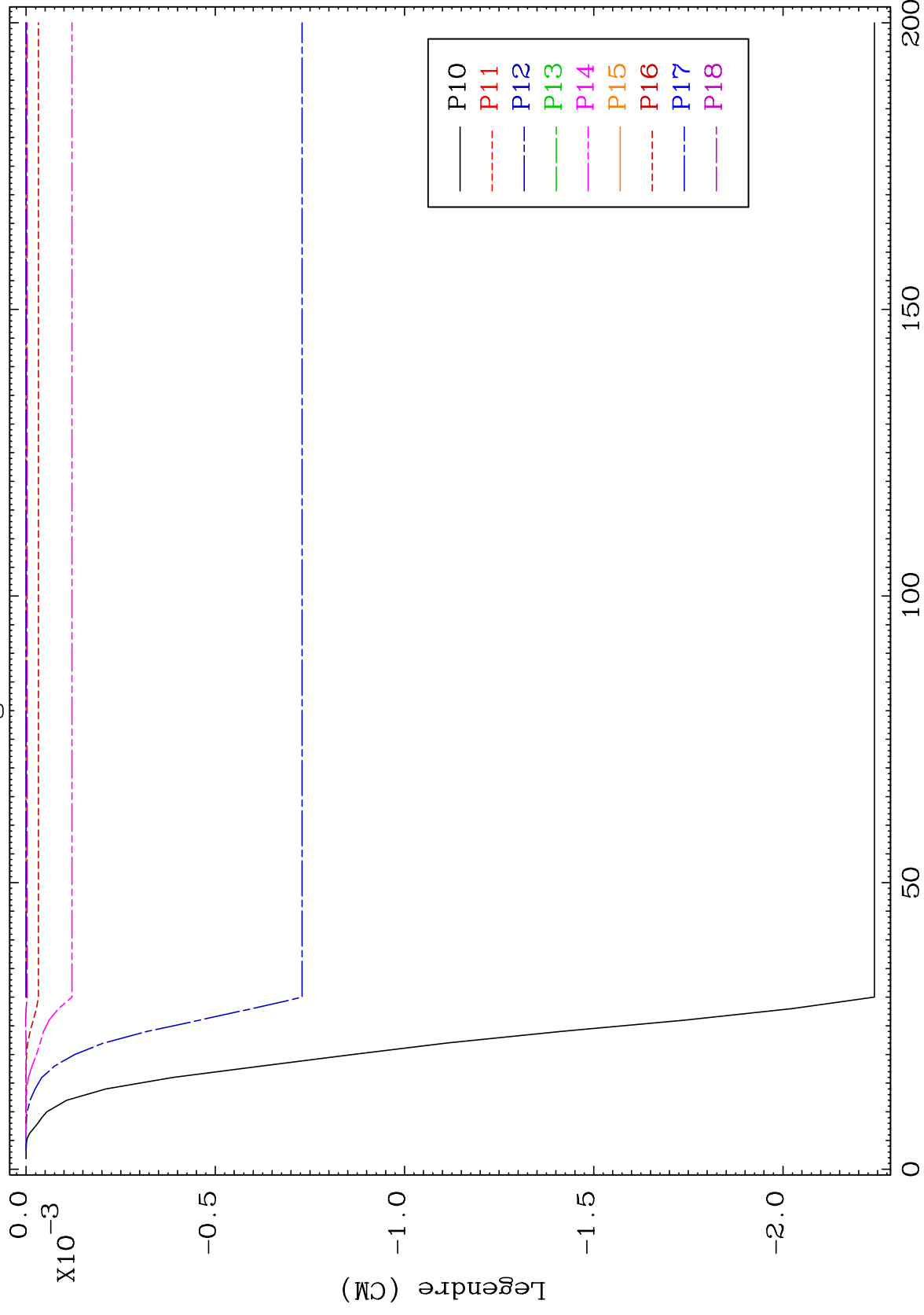
23



MAT 6304

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

63-Eu-144



25

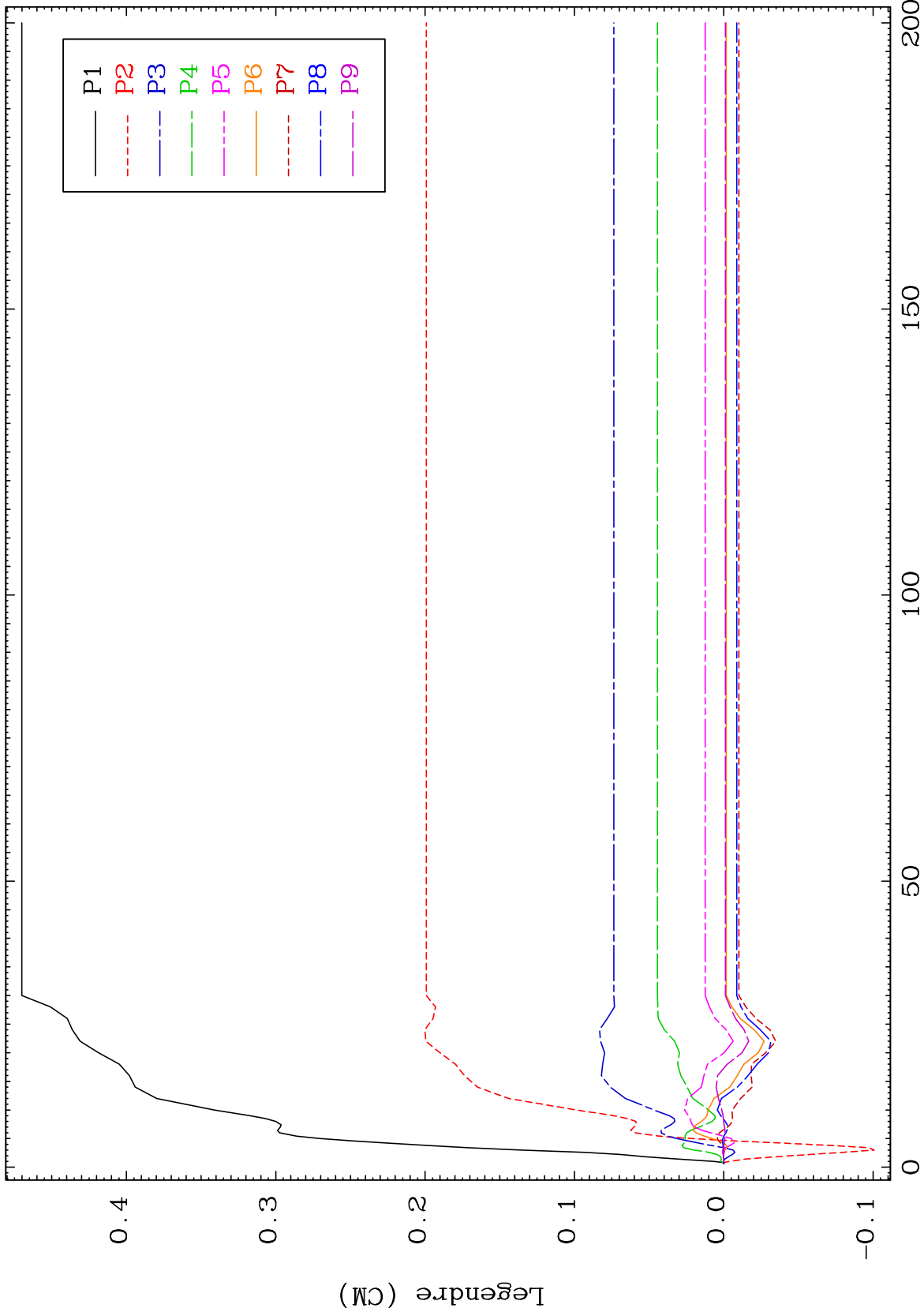
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



27

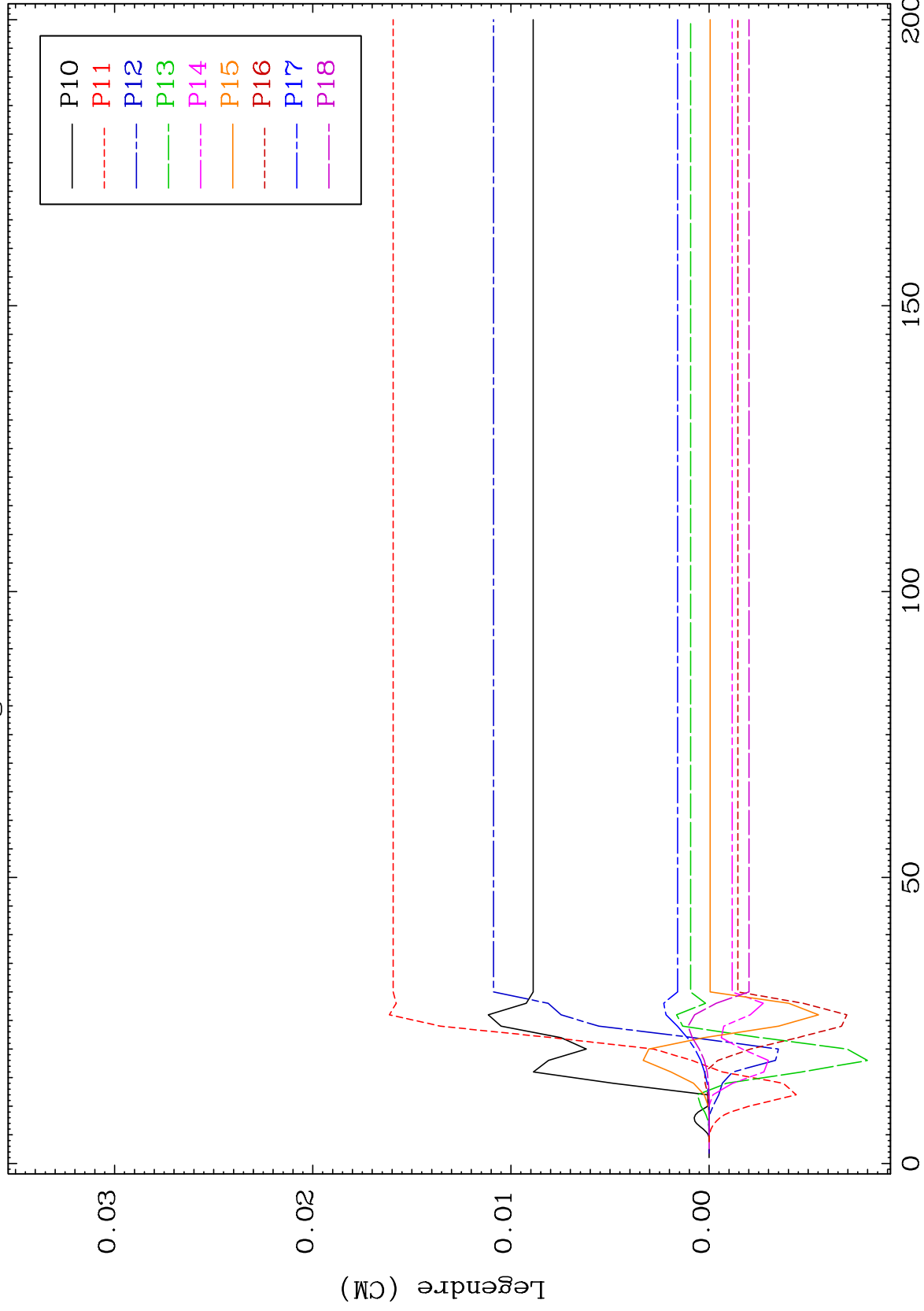
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

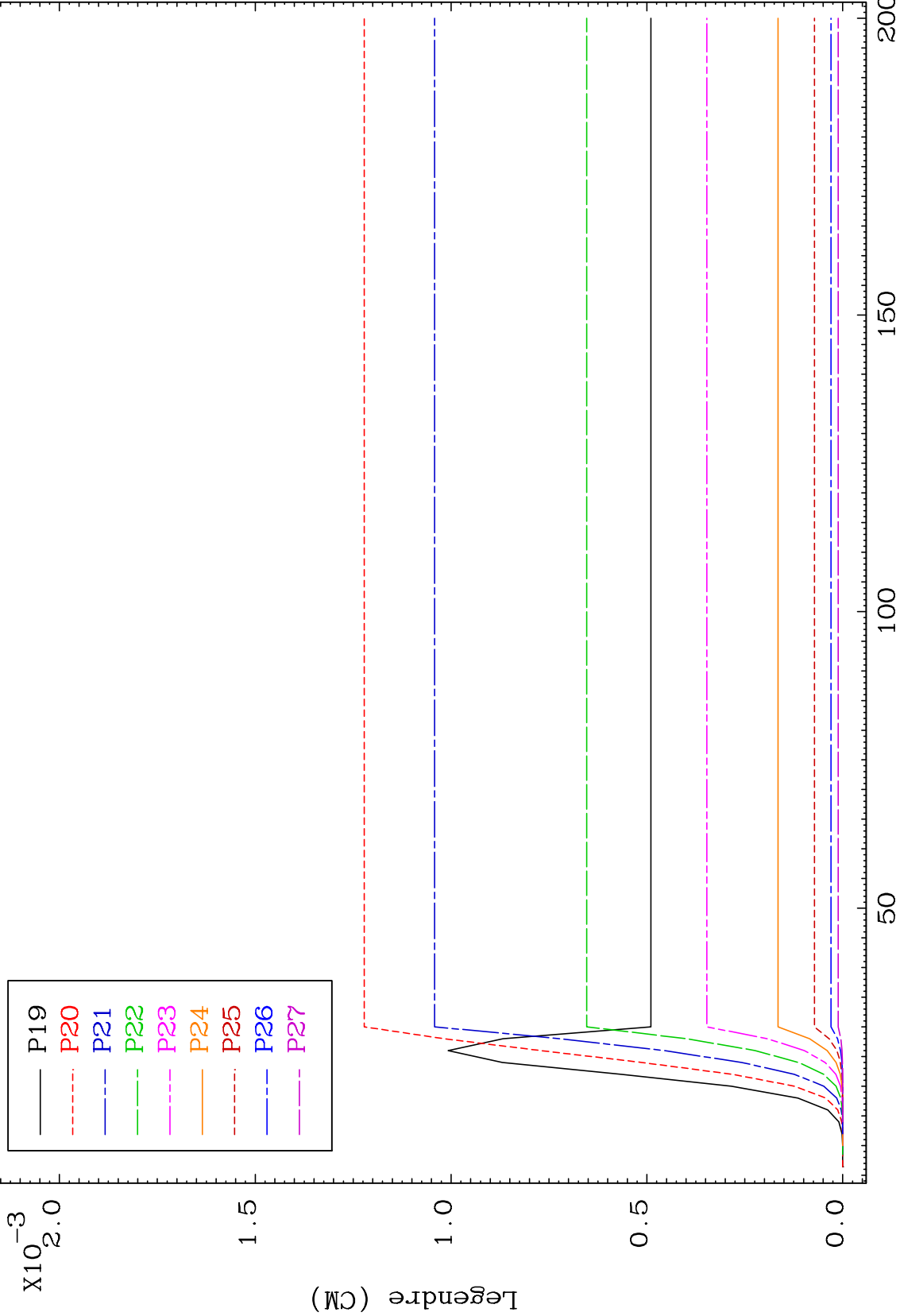
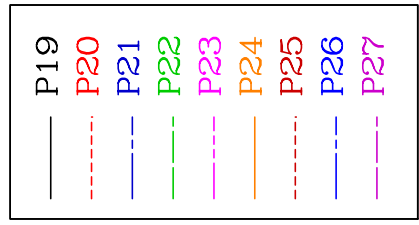
63-Eu-144



28

Incident Energy (MeV)

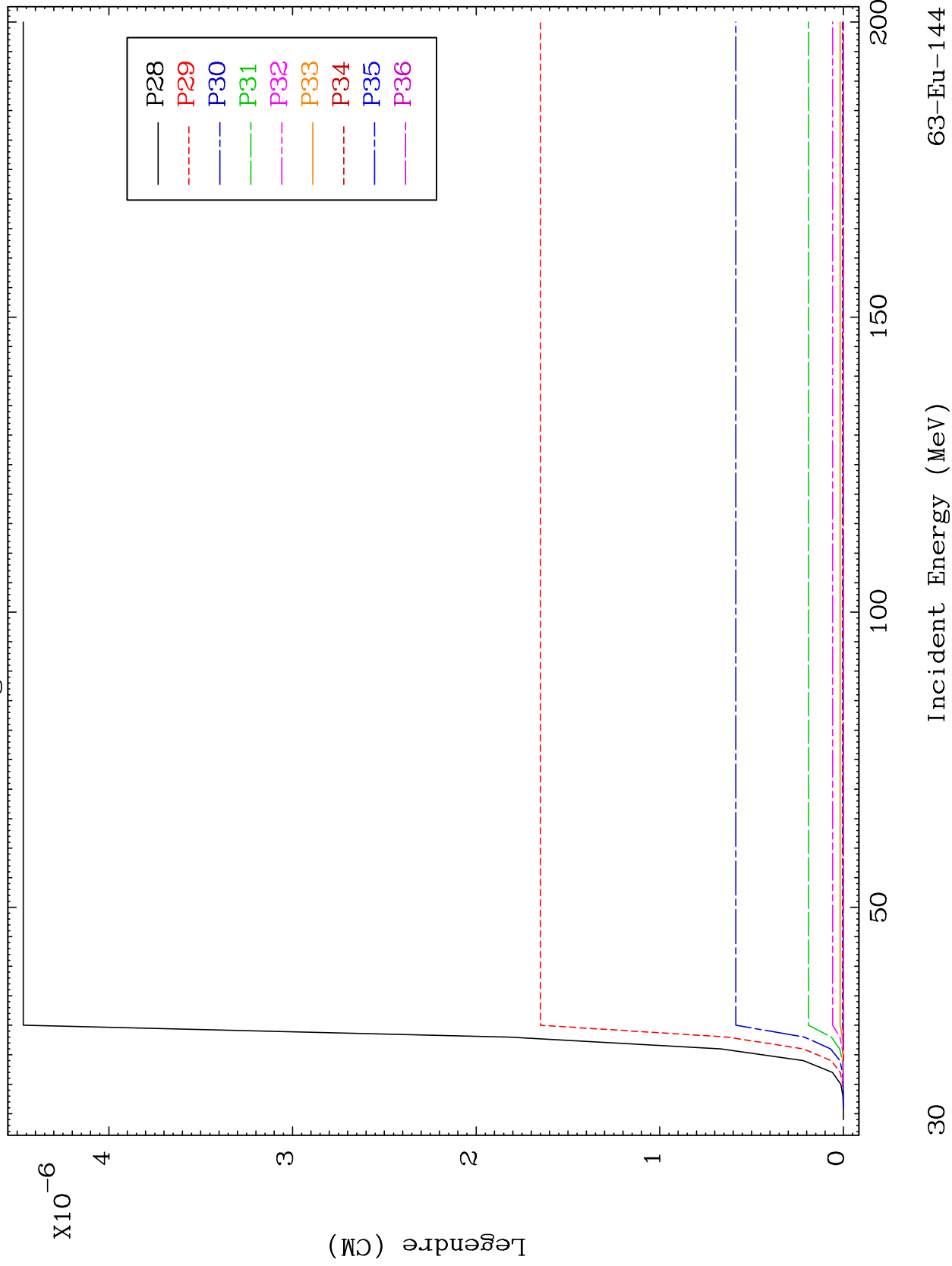
63-Eu-144



MAT 6304

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

63-Eu-144

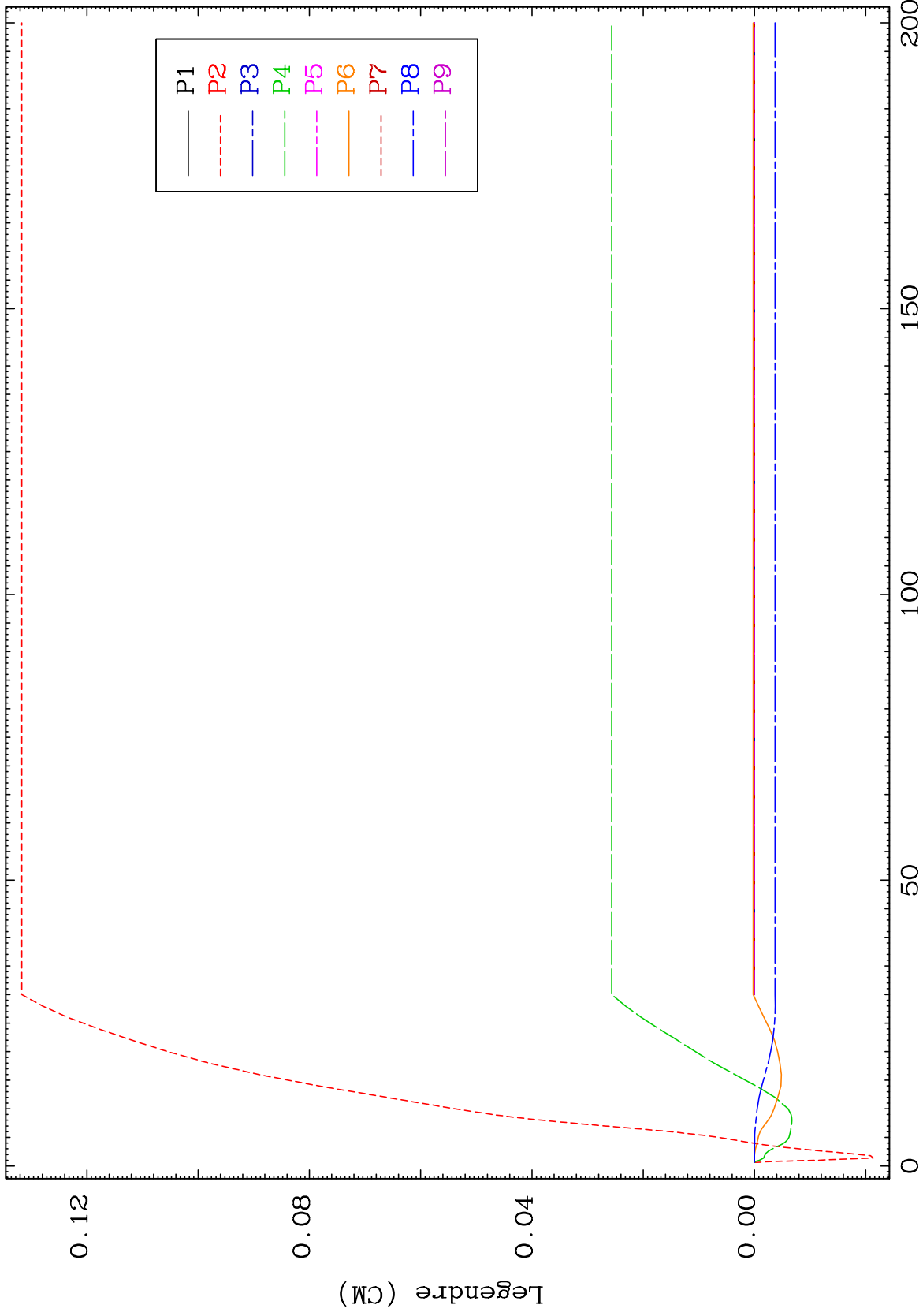


63-Eu-144

MAT 6304

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

63-Eu-144



31

Incident Energy (MeV)

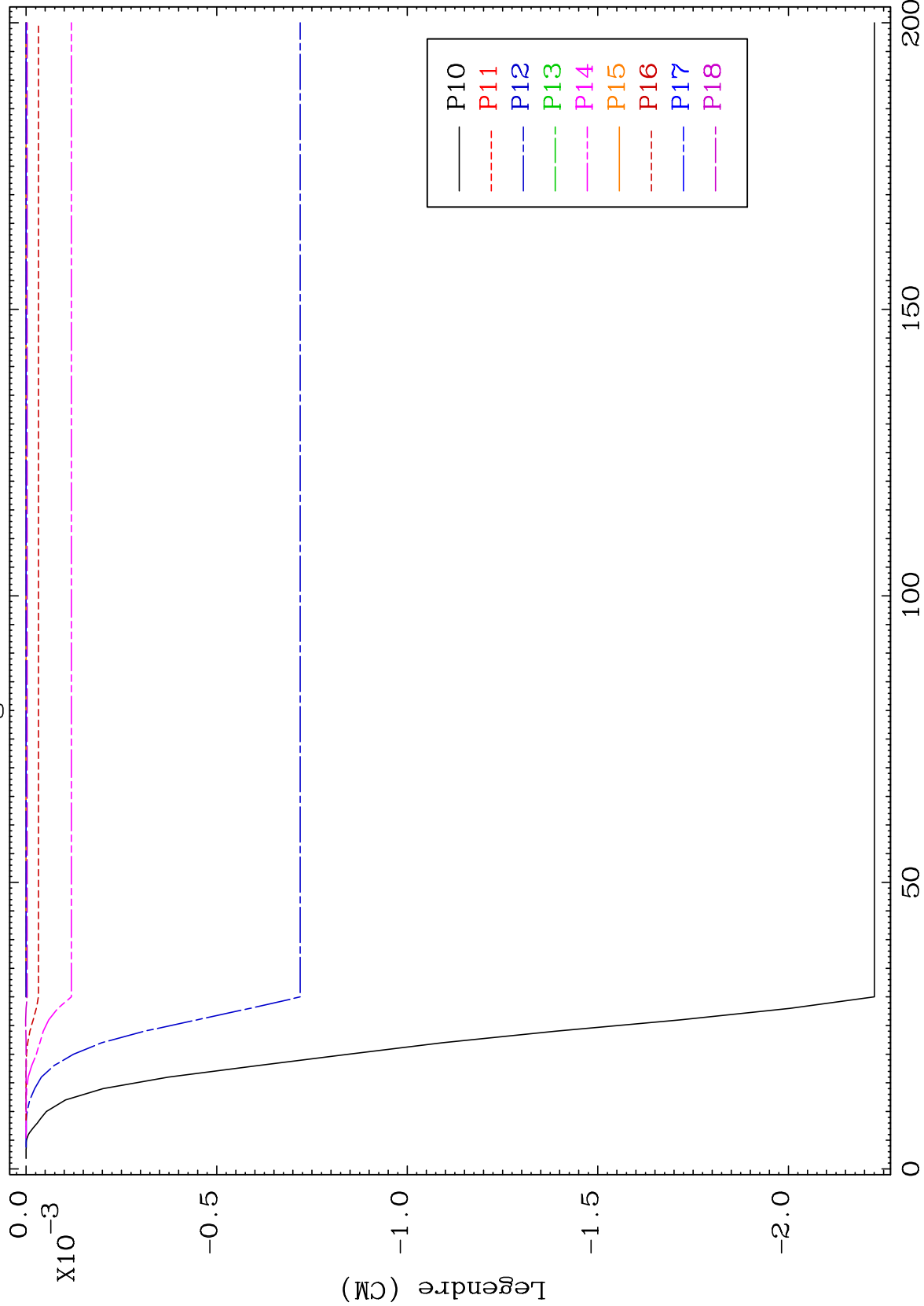
63-Eu-144

MAT 6304

MT= 54 (n,n') Level

63-Eu-144

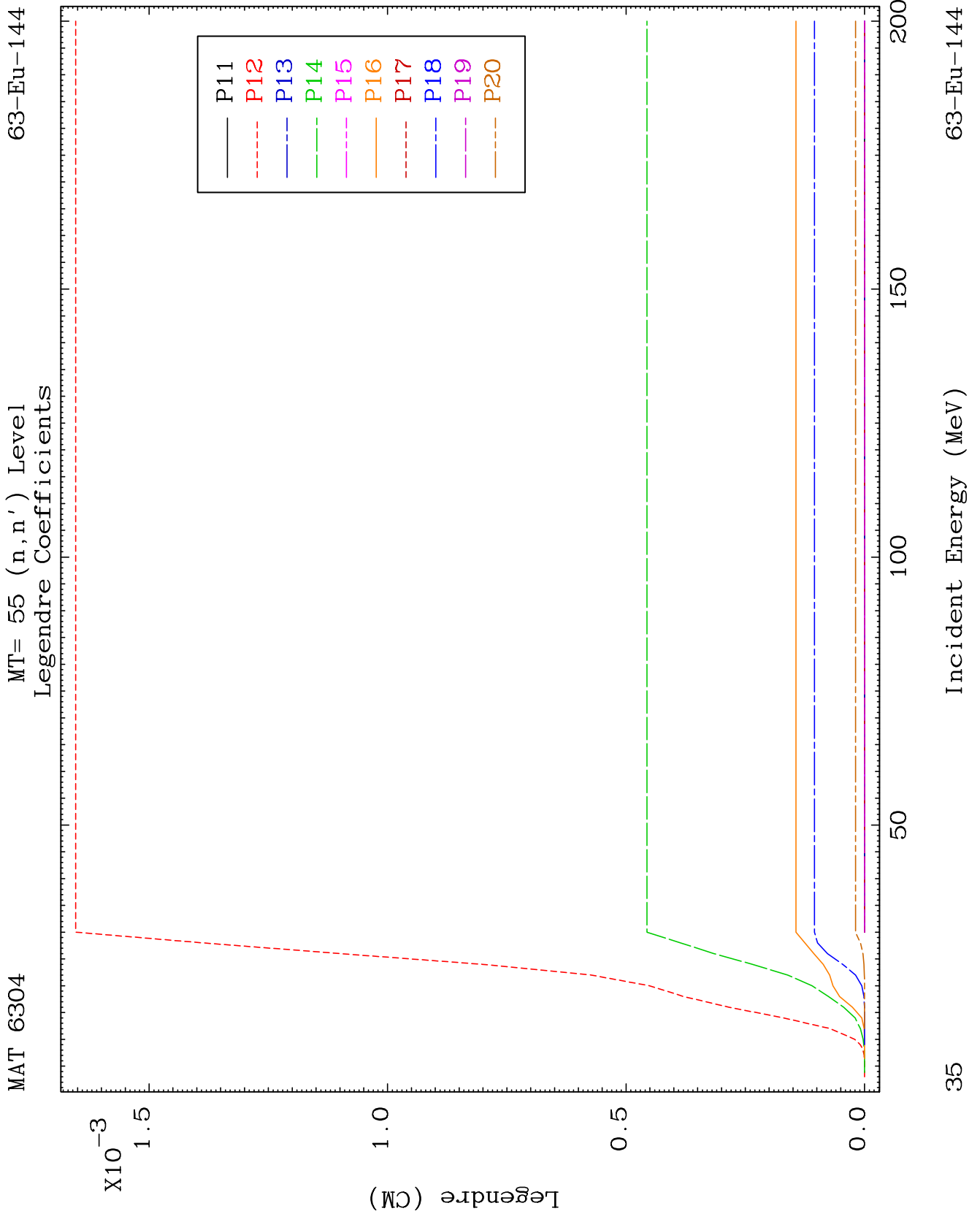
Legendre Coefficients

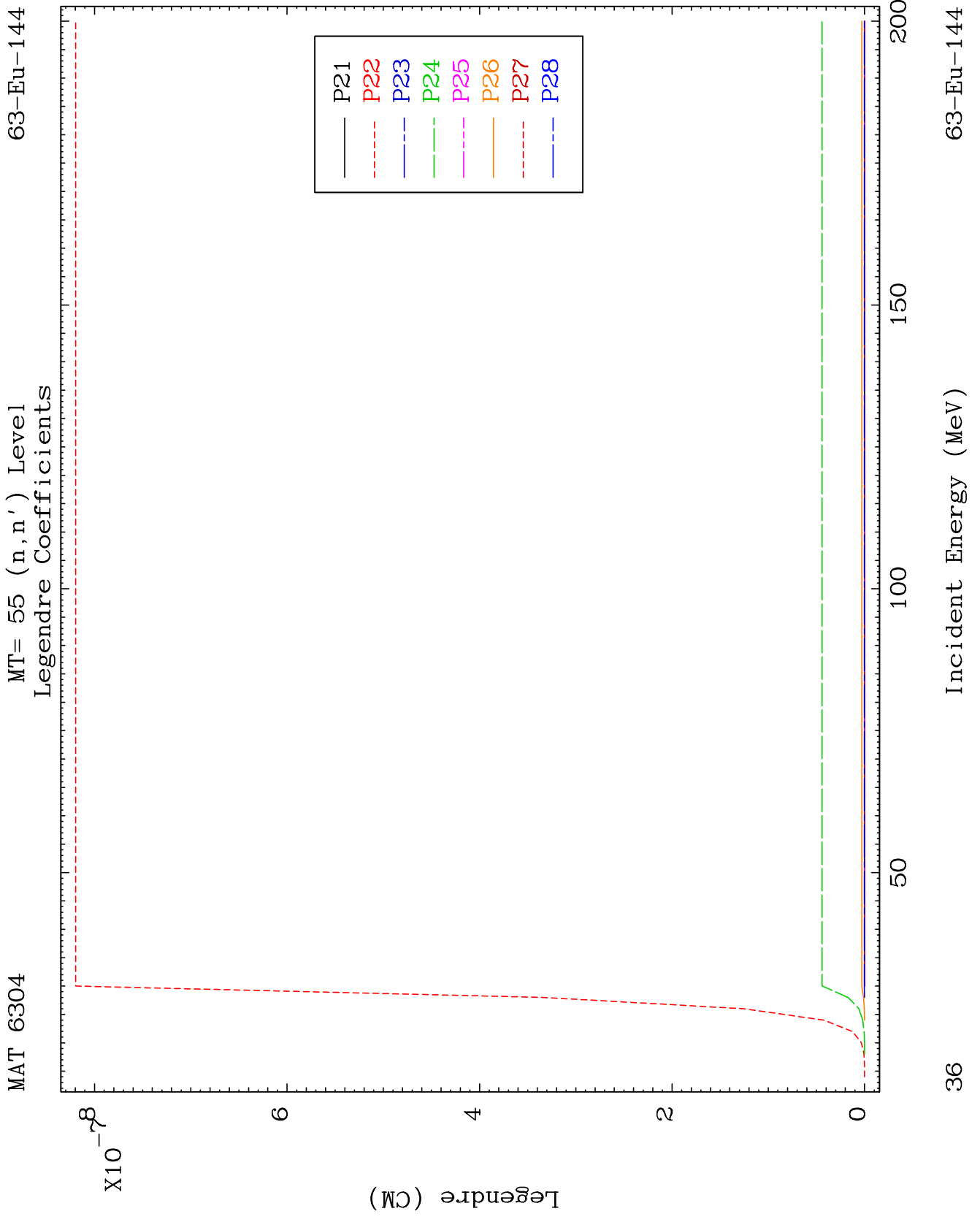


32

Incident Energy (MeV)

63-Eu-144

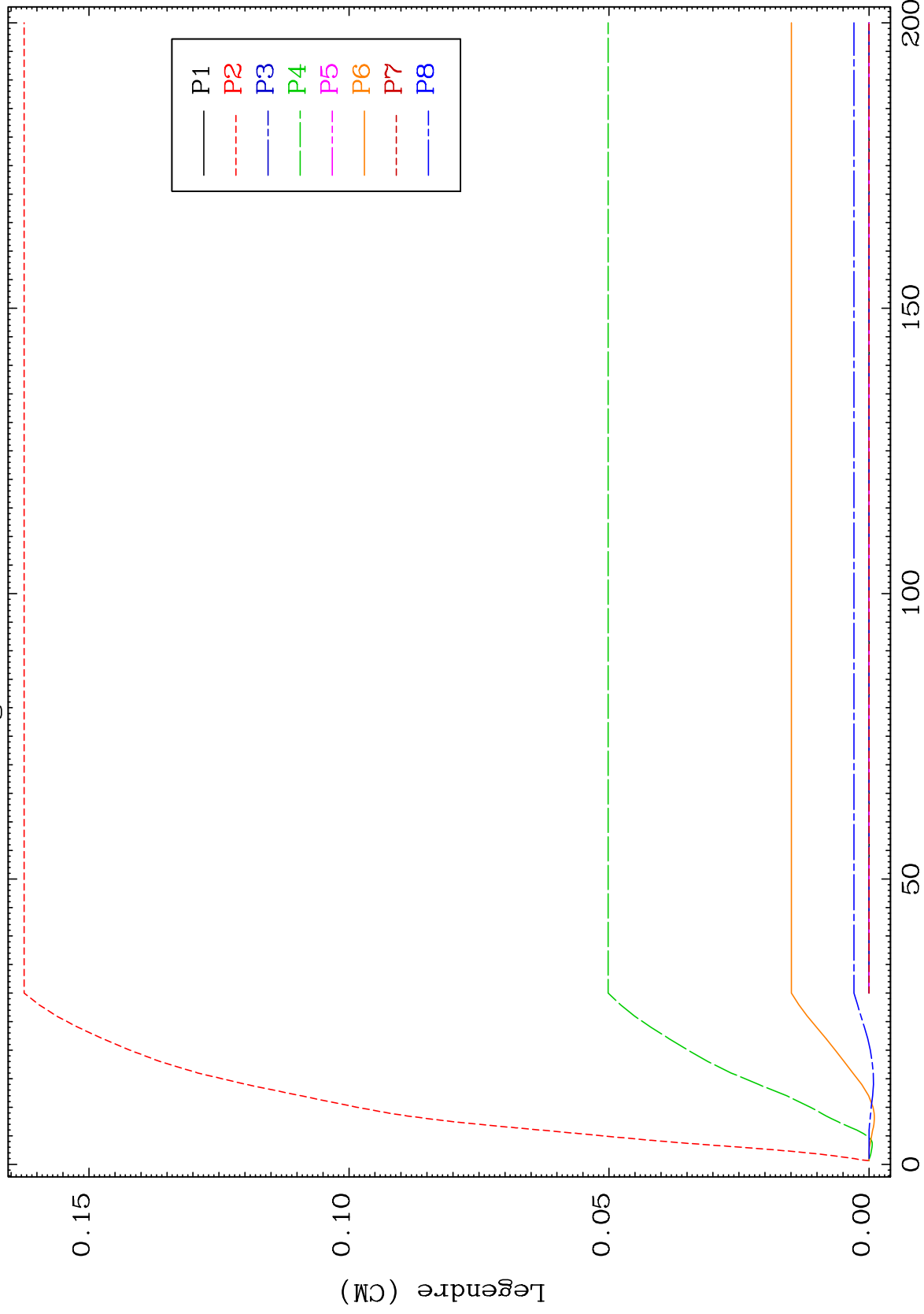




MAT 6304

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

63-Eu-144



37

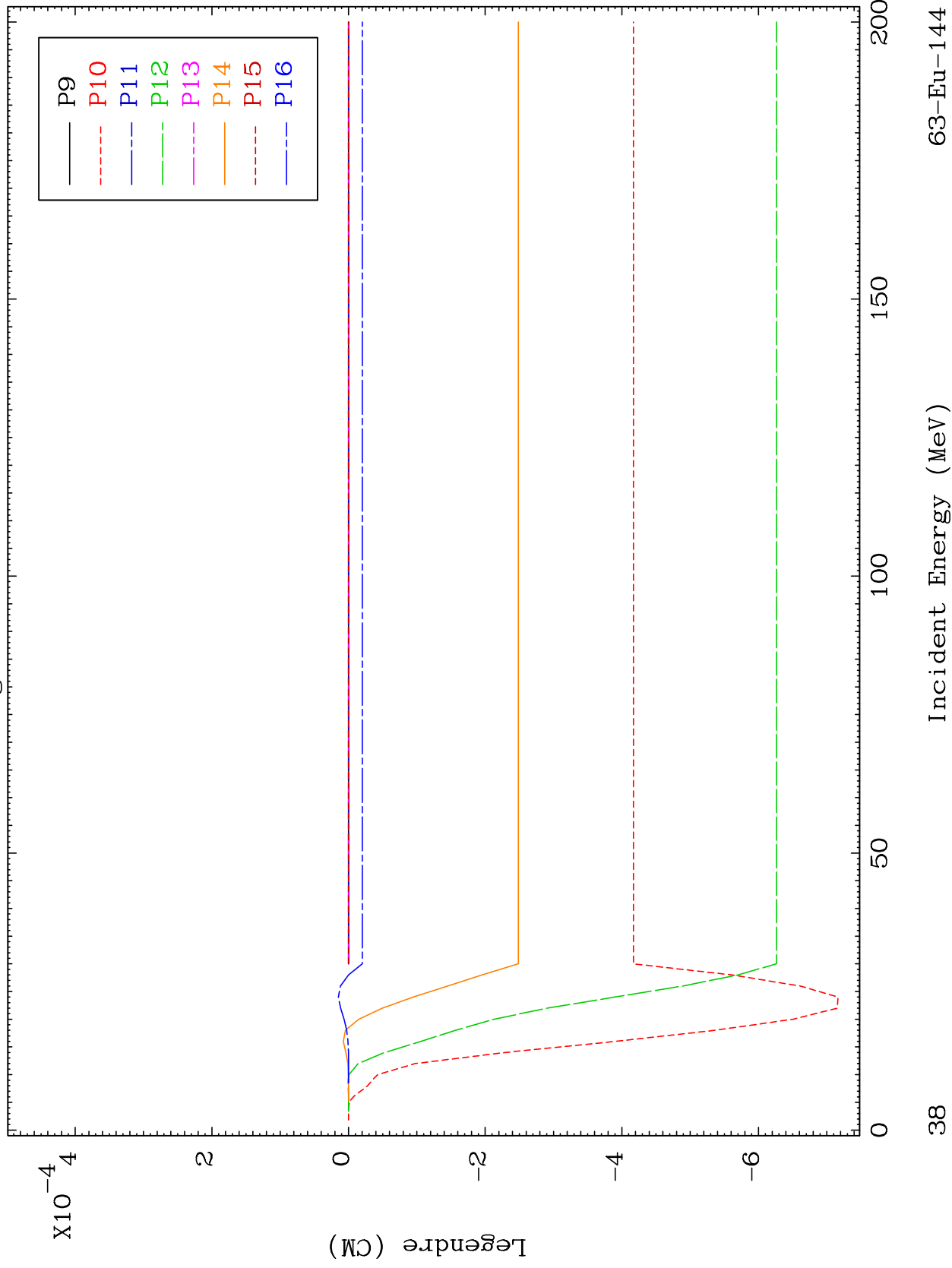
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

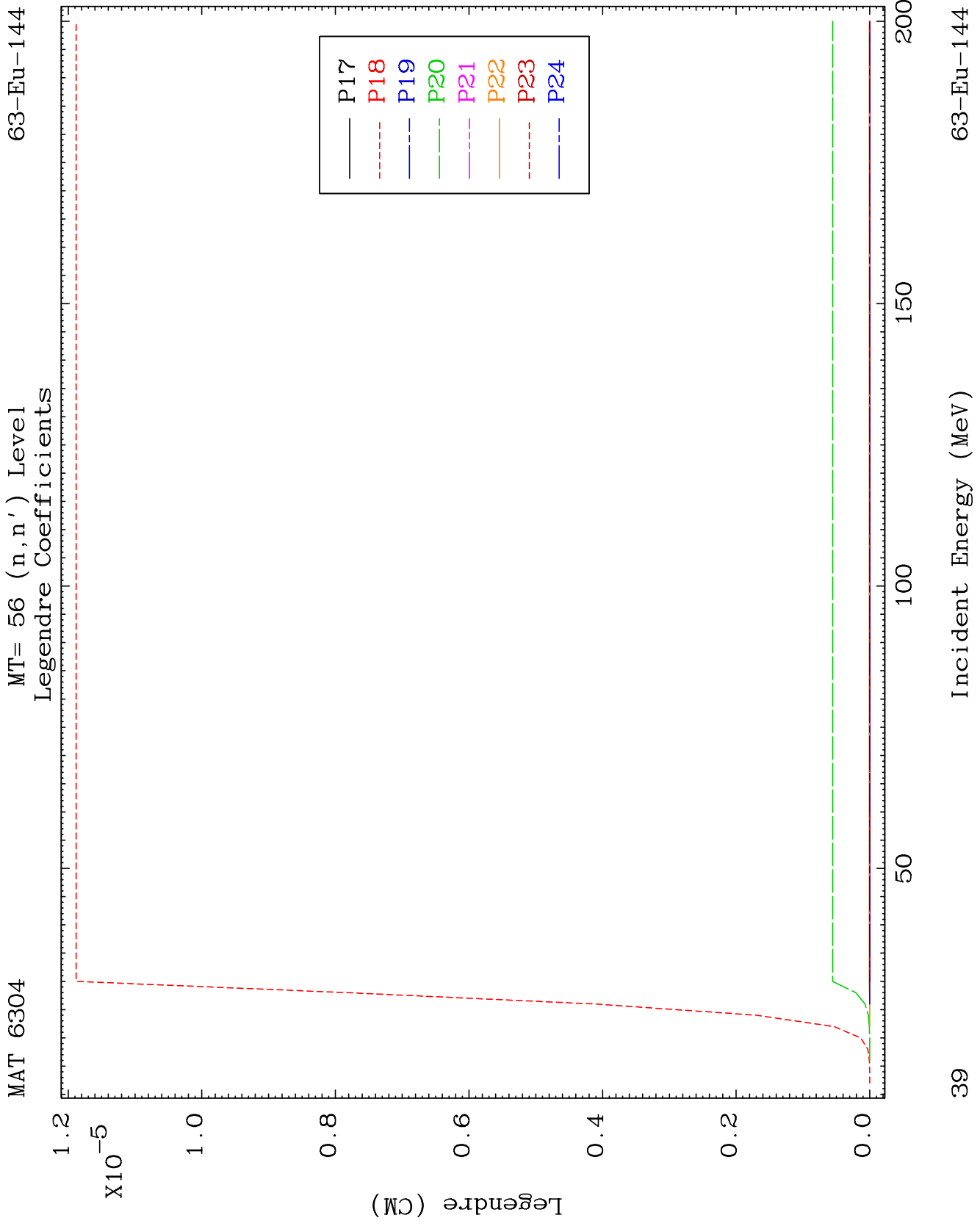
63-Eu-144



63-Eu-144

Incident Energy (MeV)

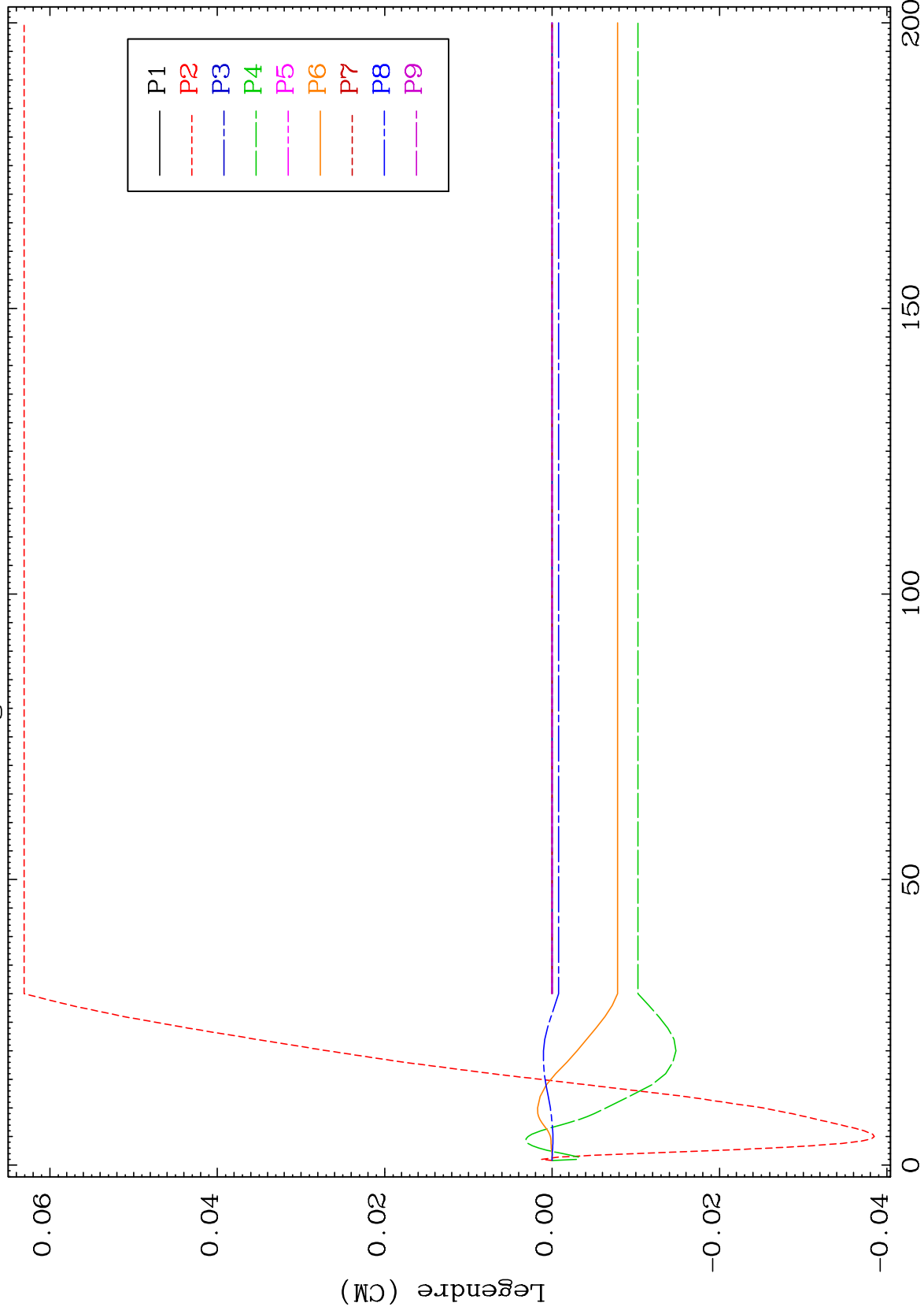
38



MAT 6304

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

63-Eu-144



63-Eu-144

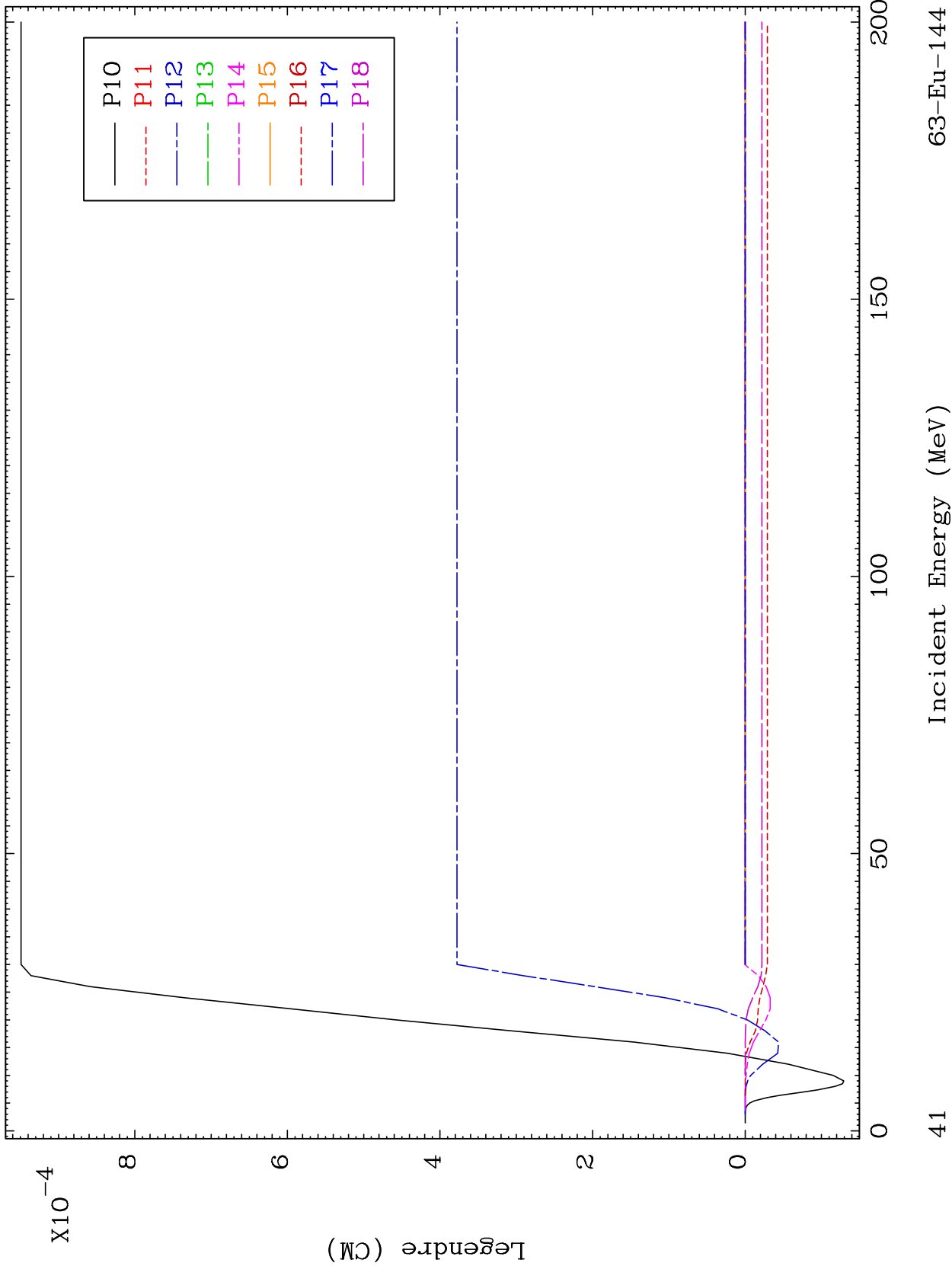
Incident Energy (MeV)

40

MAT 6304

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

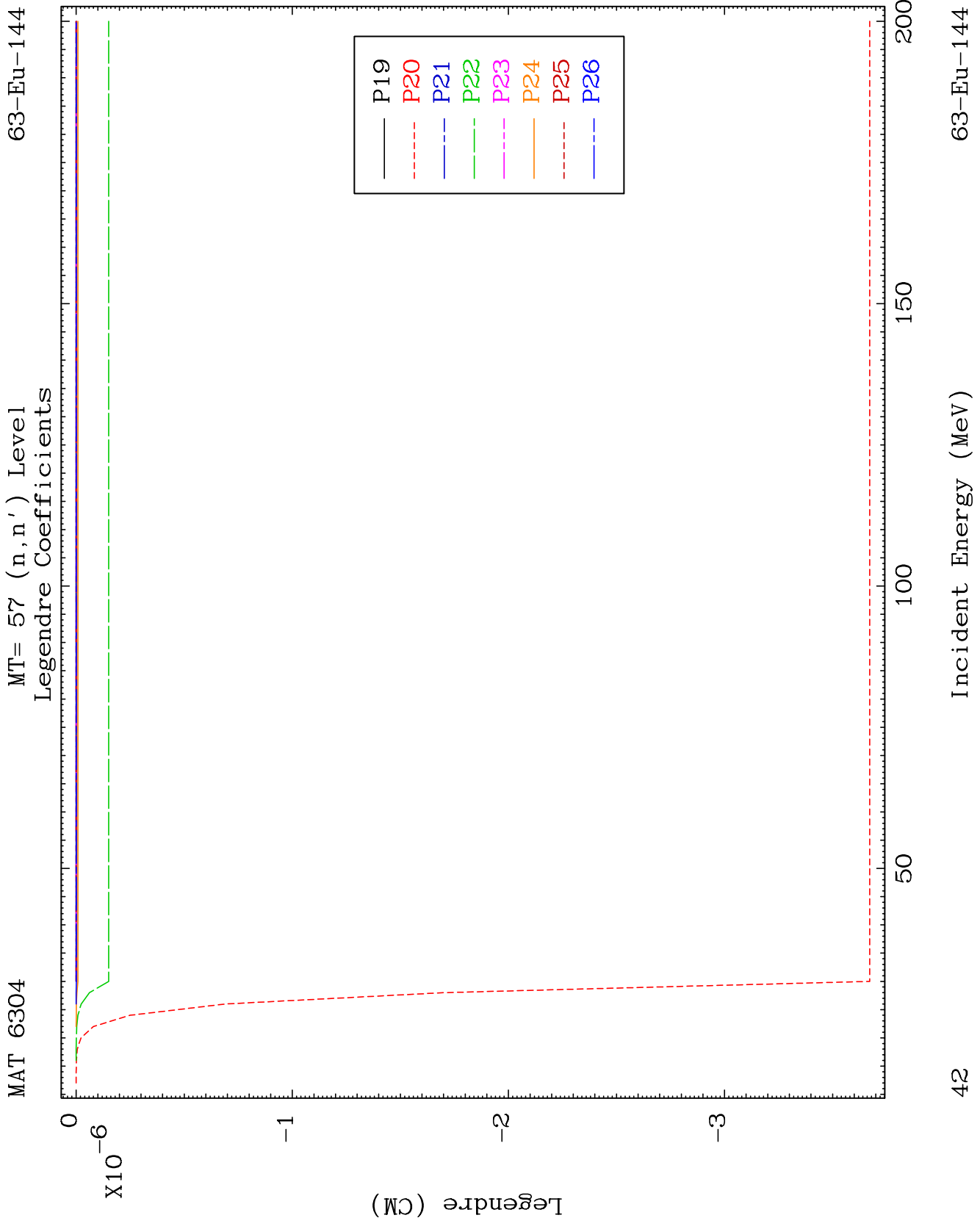
63-Eu-144



41

Incident Energy (MeV)

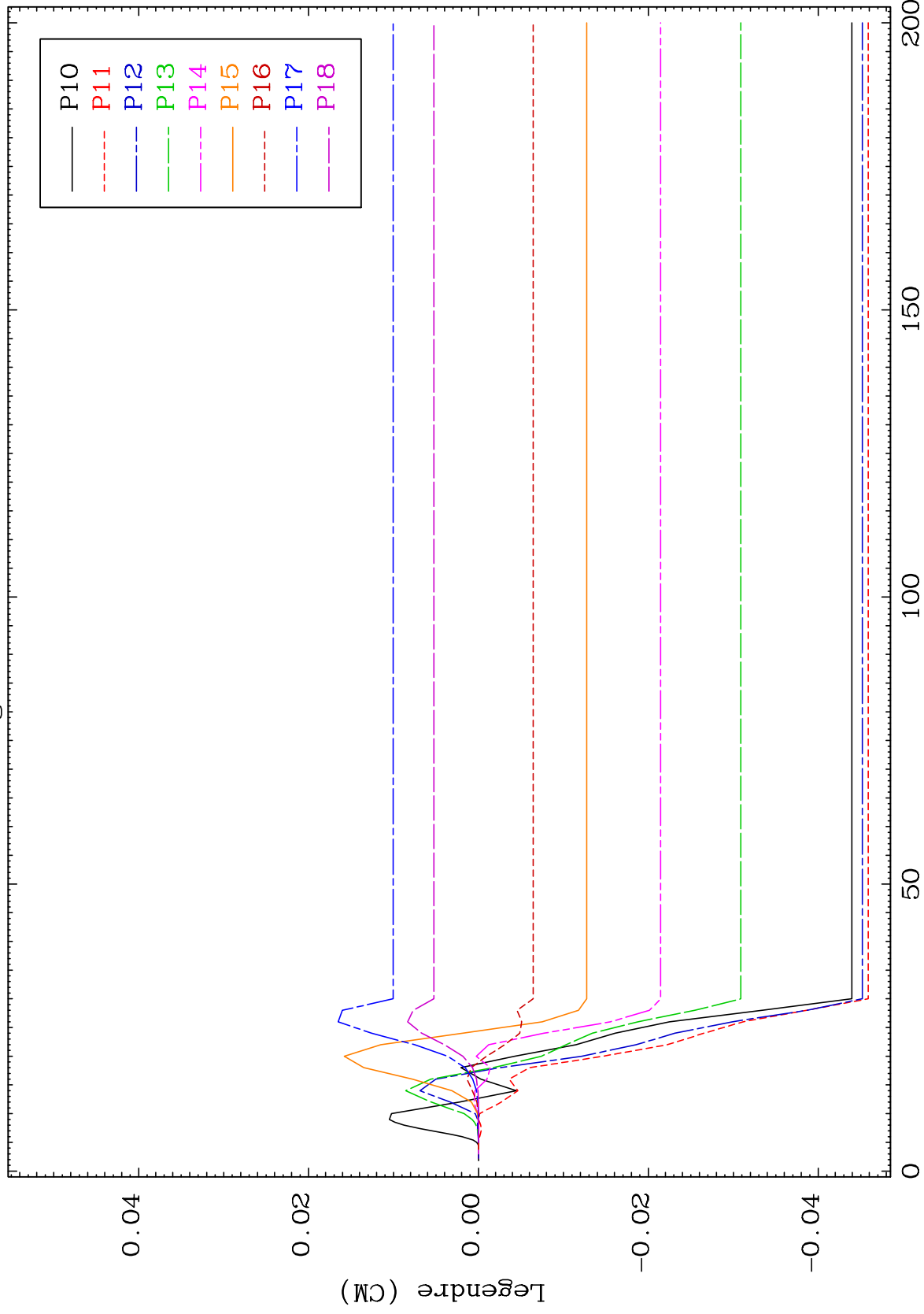
63-Eu-144



MAT 6304

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

63-Eu-144



44

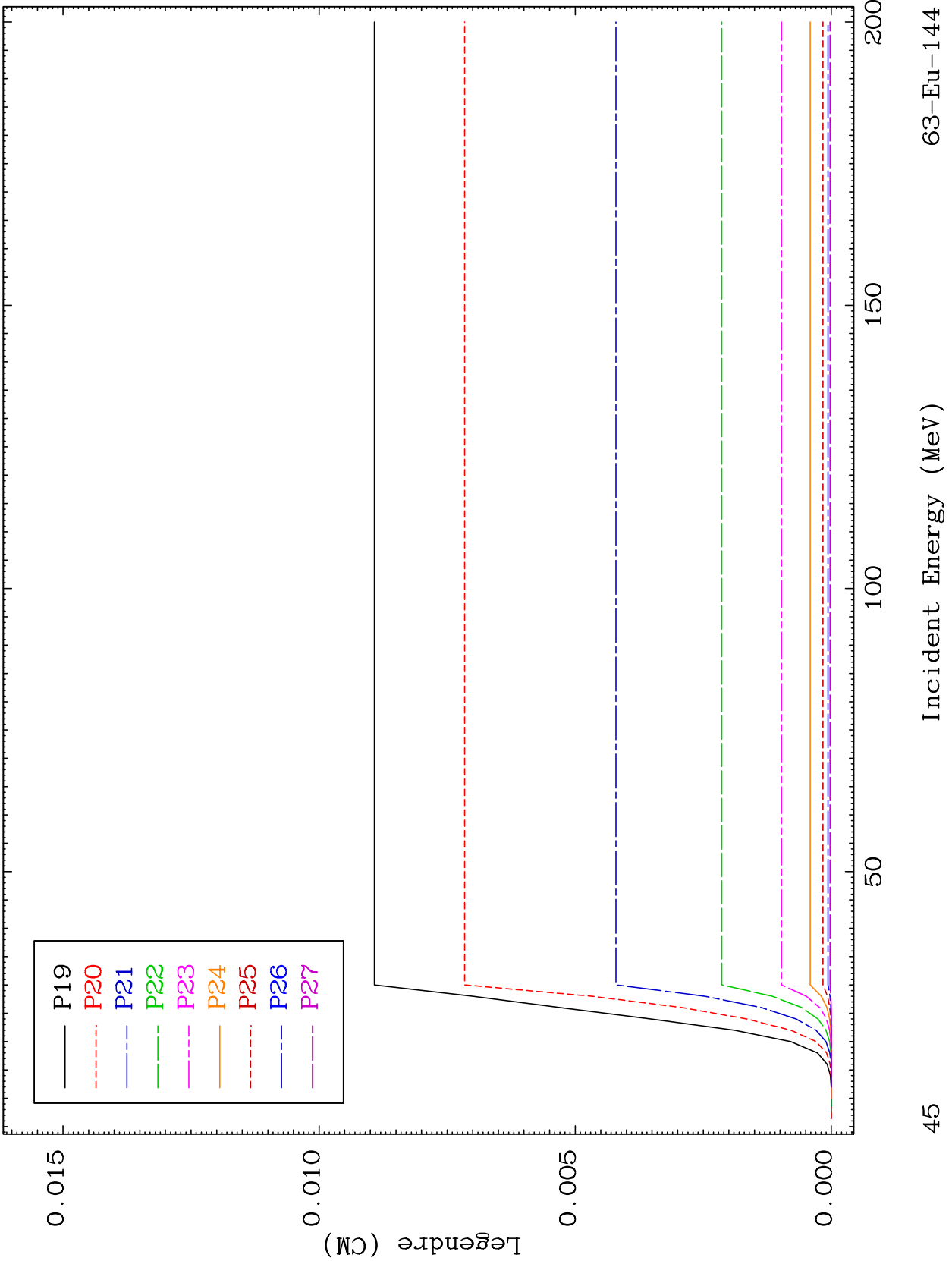
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



45

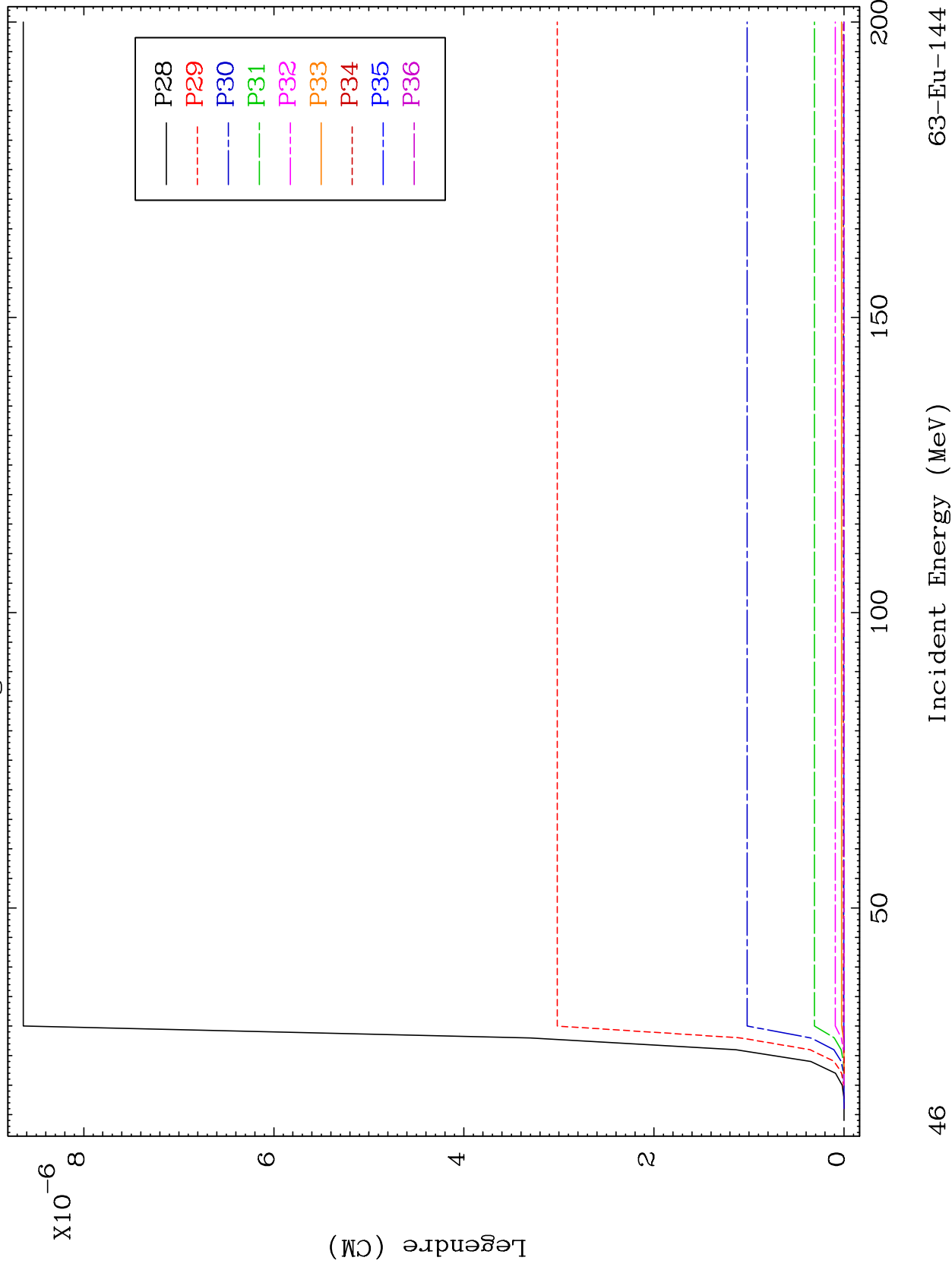
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



46

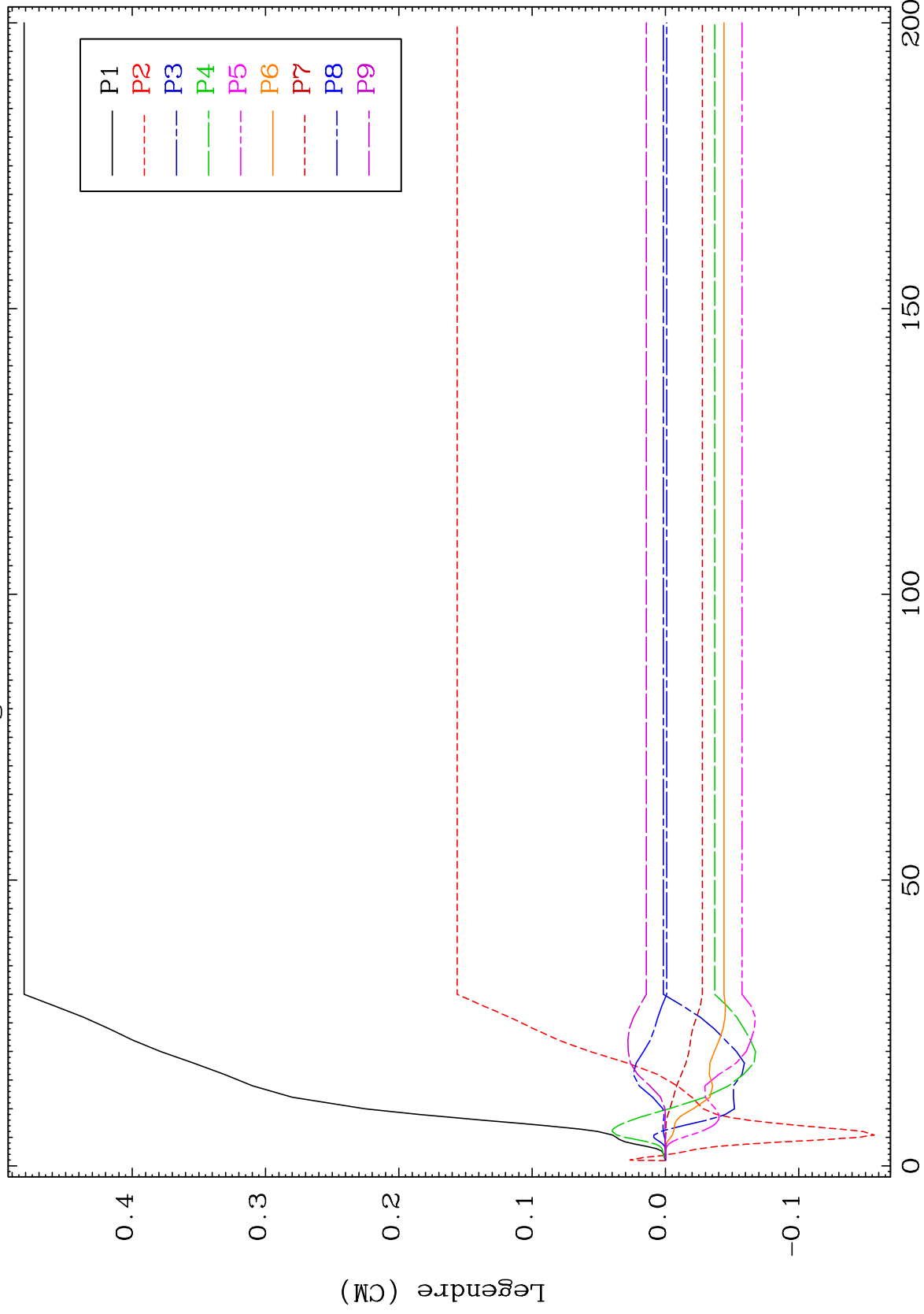
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



47

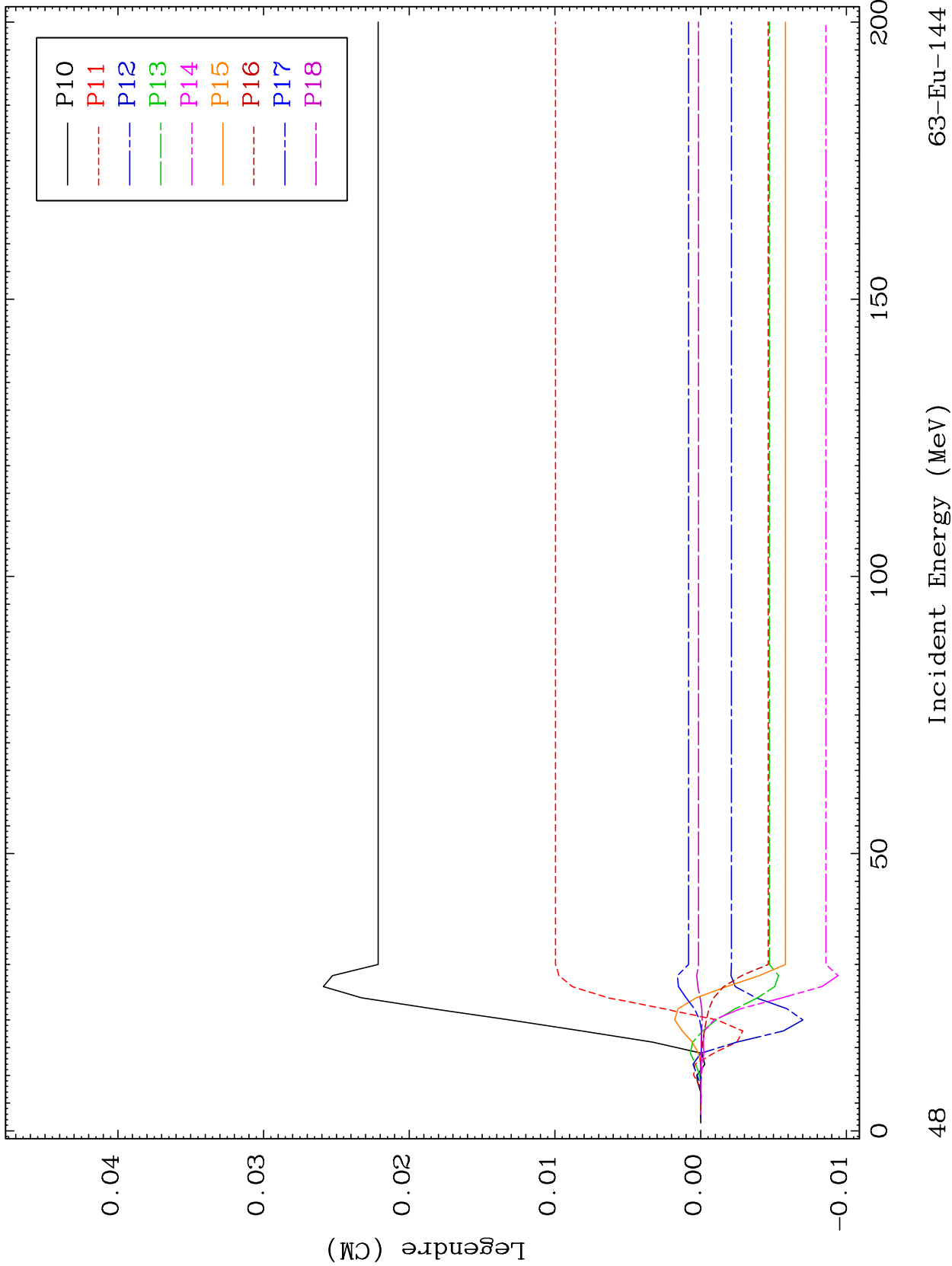
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

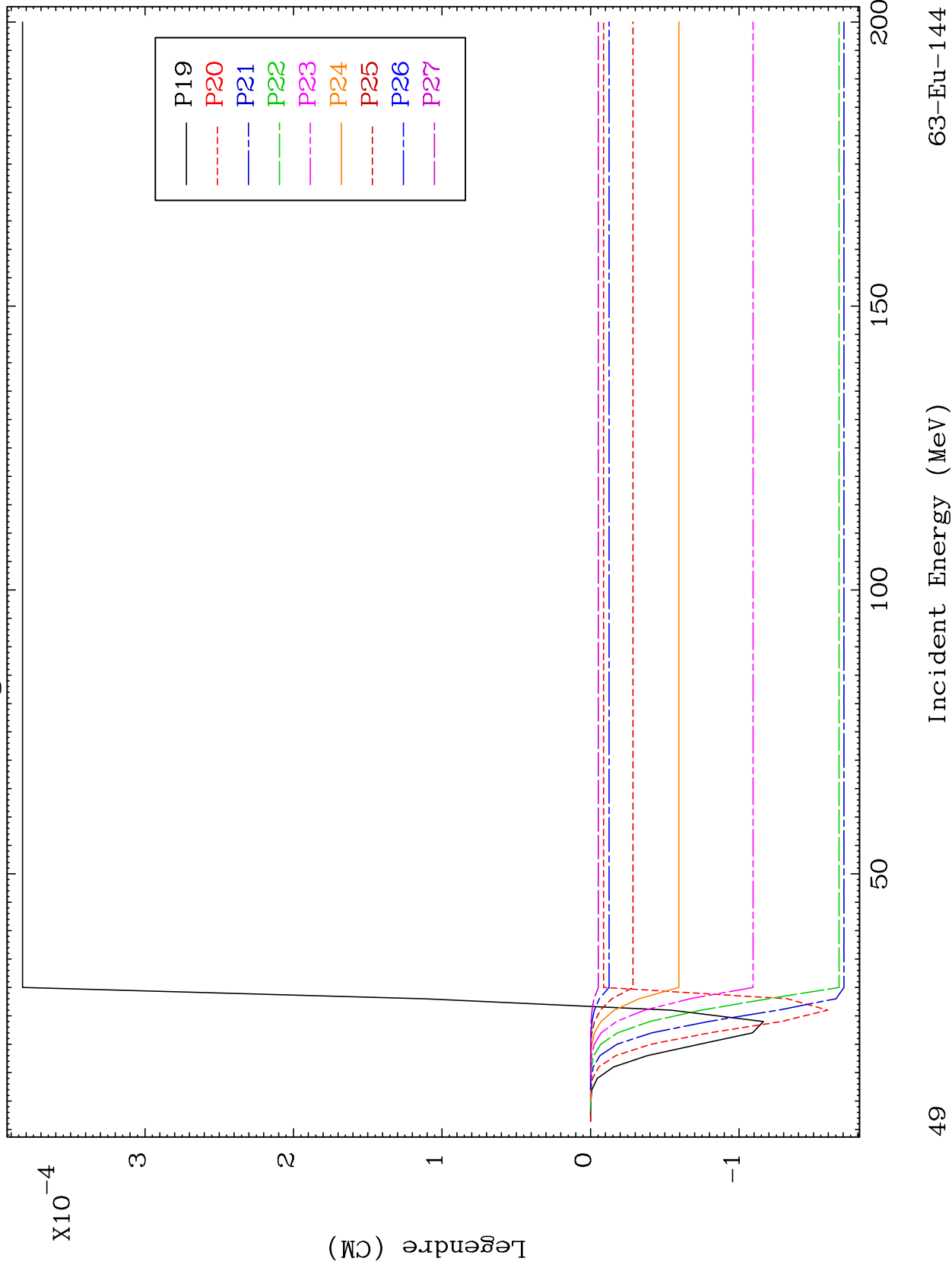
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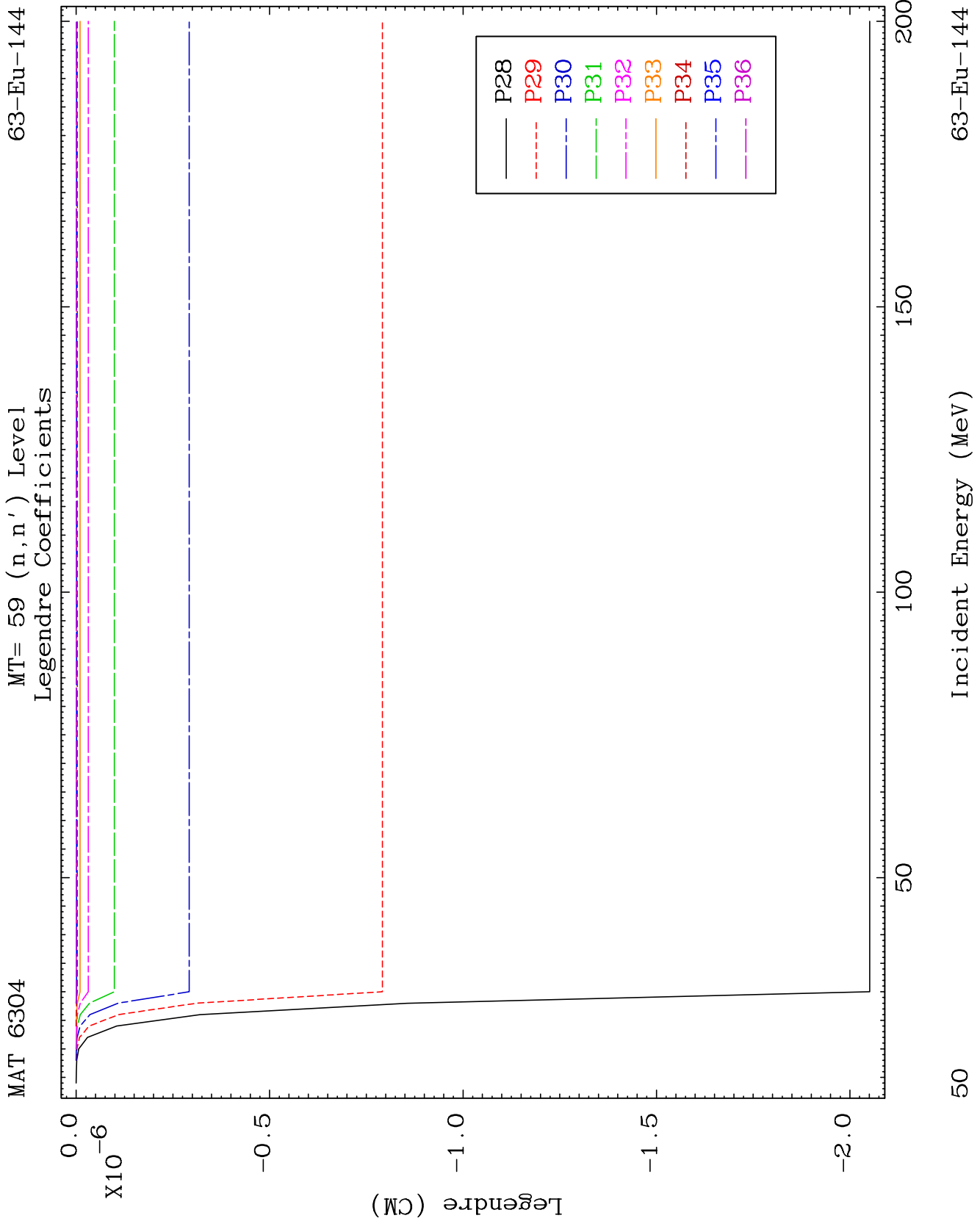


MAT 6304

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

63-Eu-144

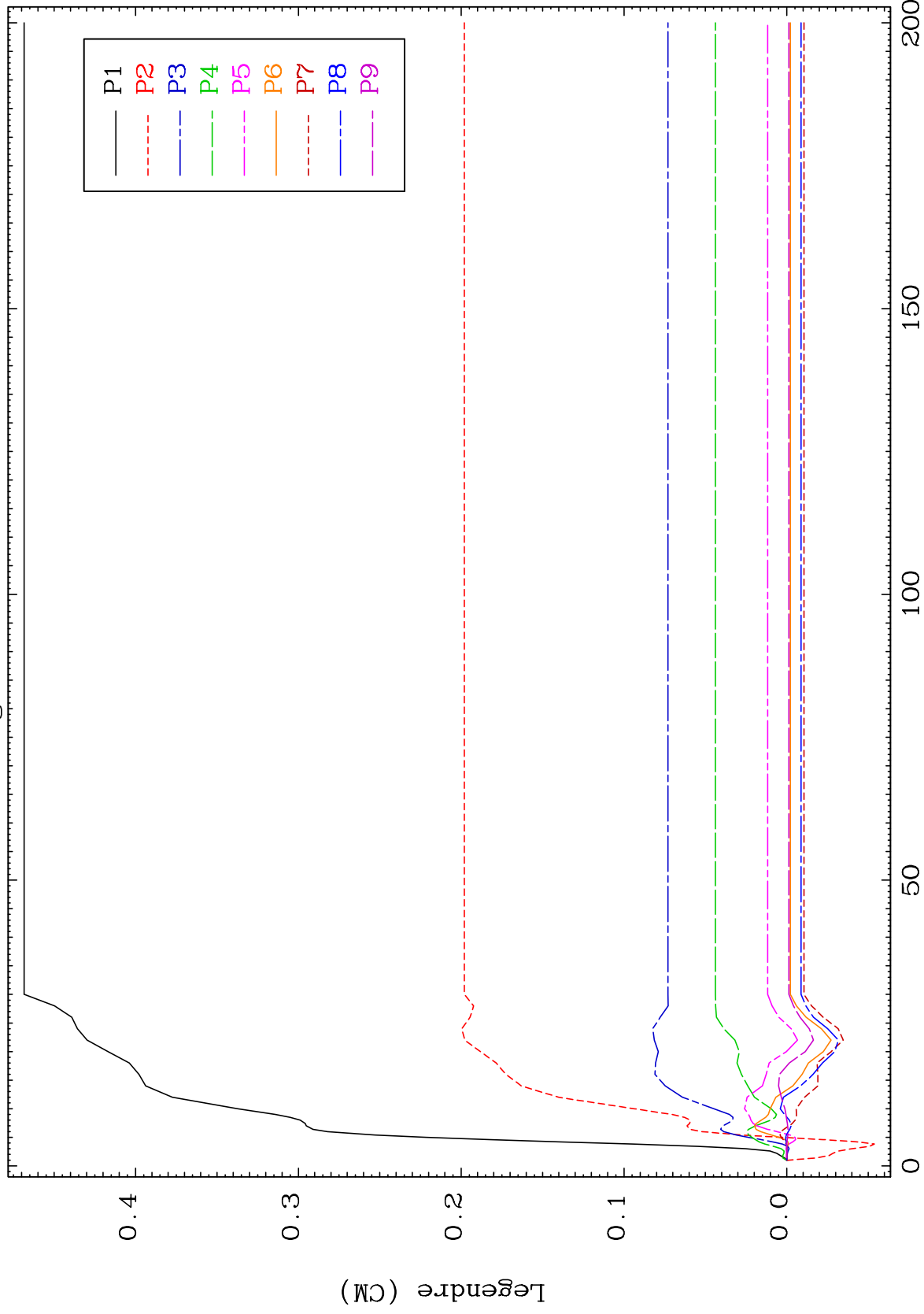




MAT 6304

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

63-Eu-144



51

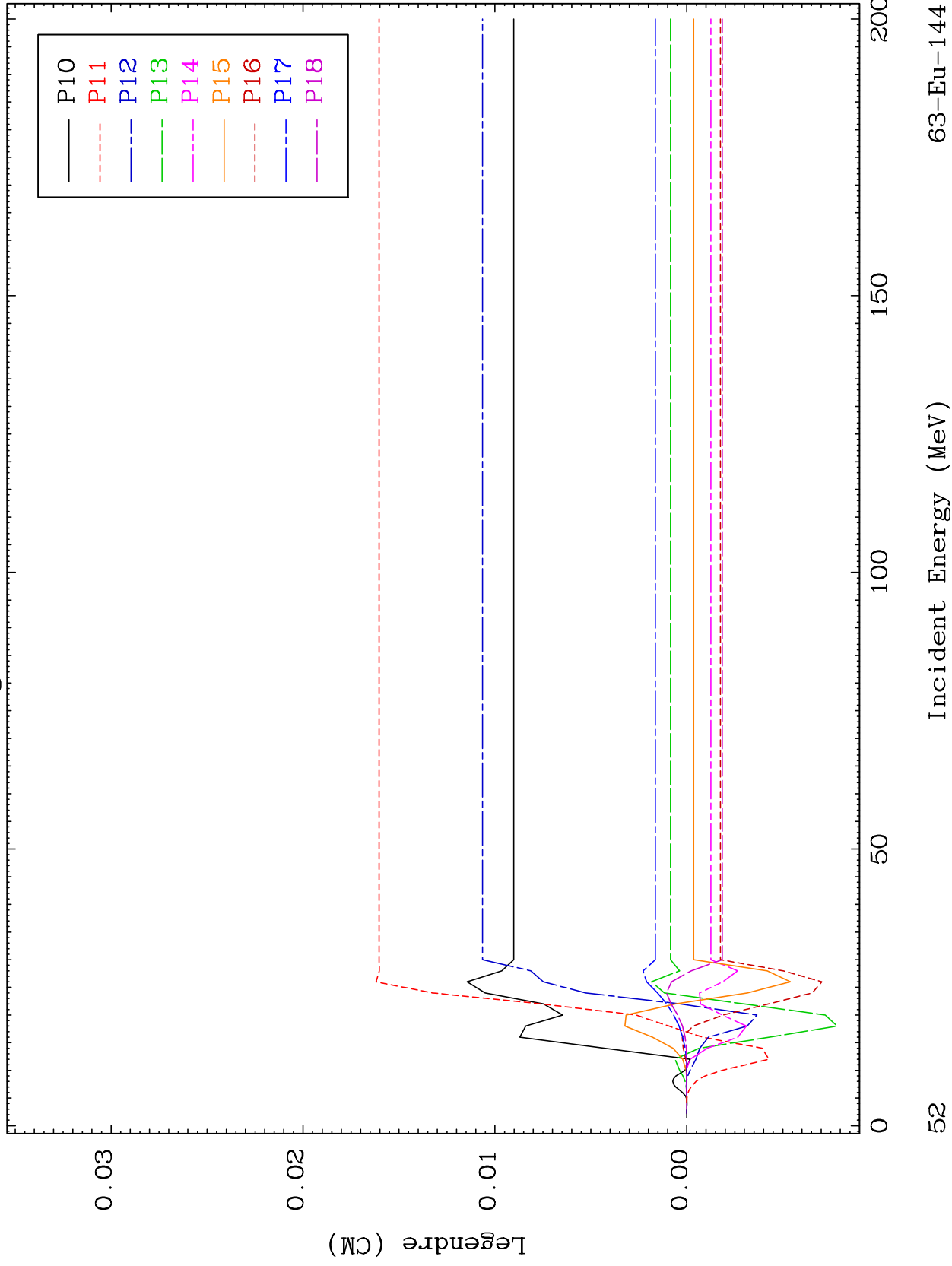
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



63-Eu-144

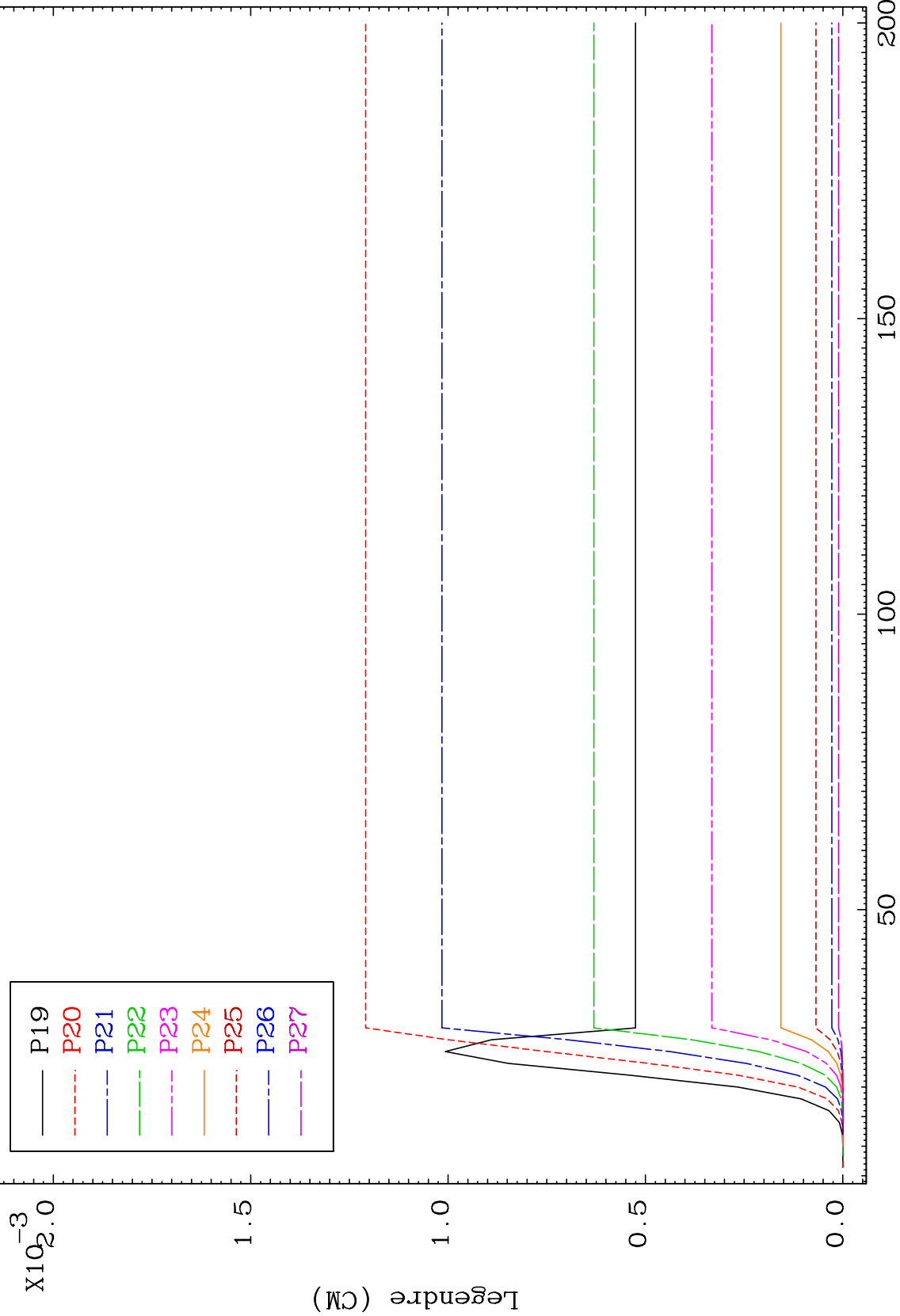
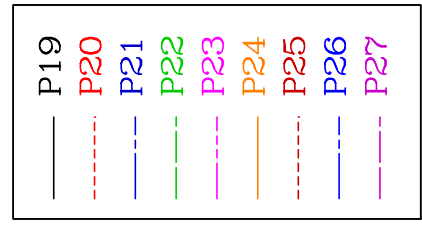
Incident Energy (MeV)

52

MAT 6304

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

63-Eu-144



53

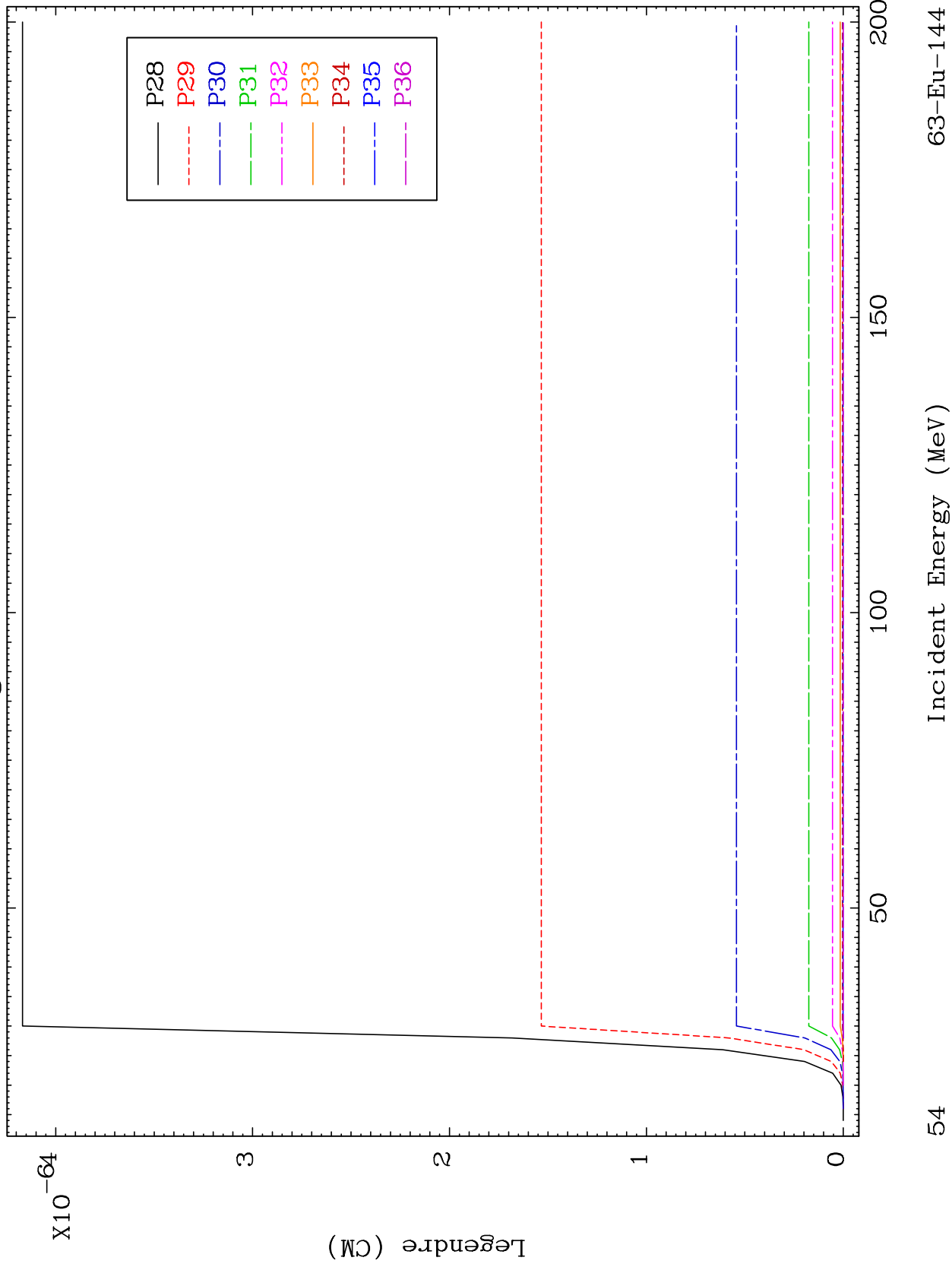
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



54

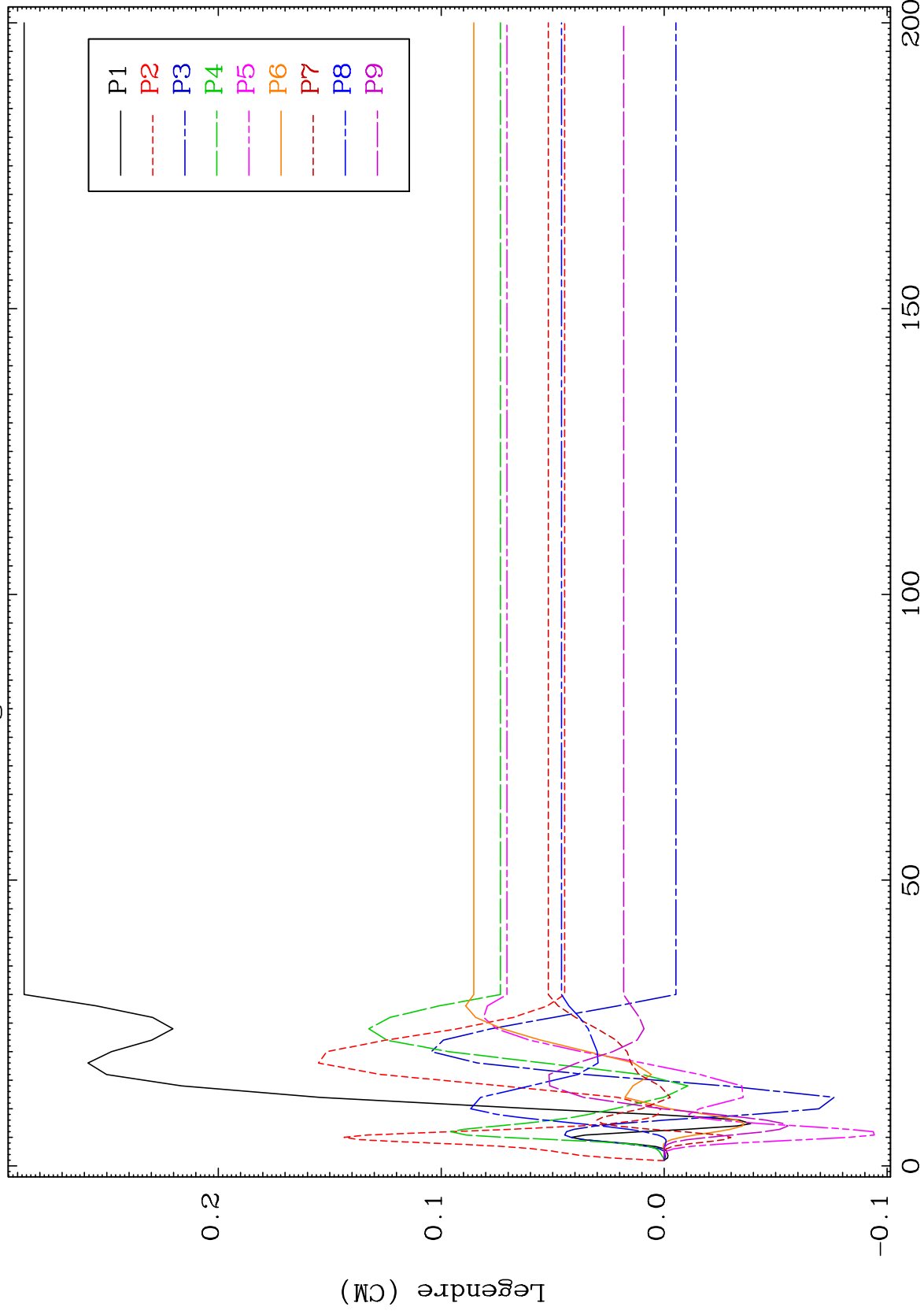
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



55

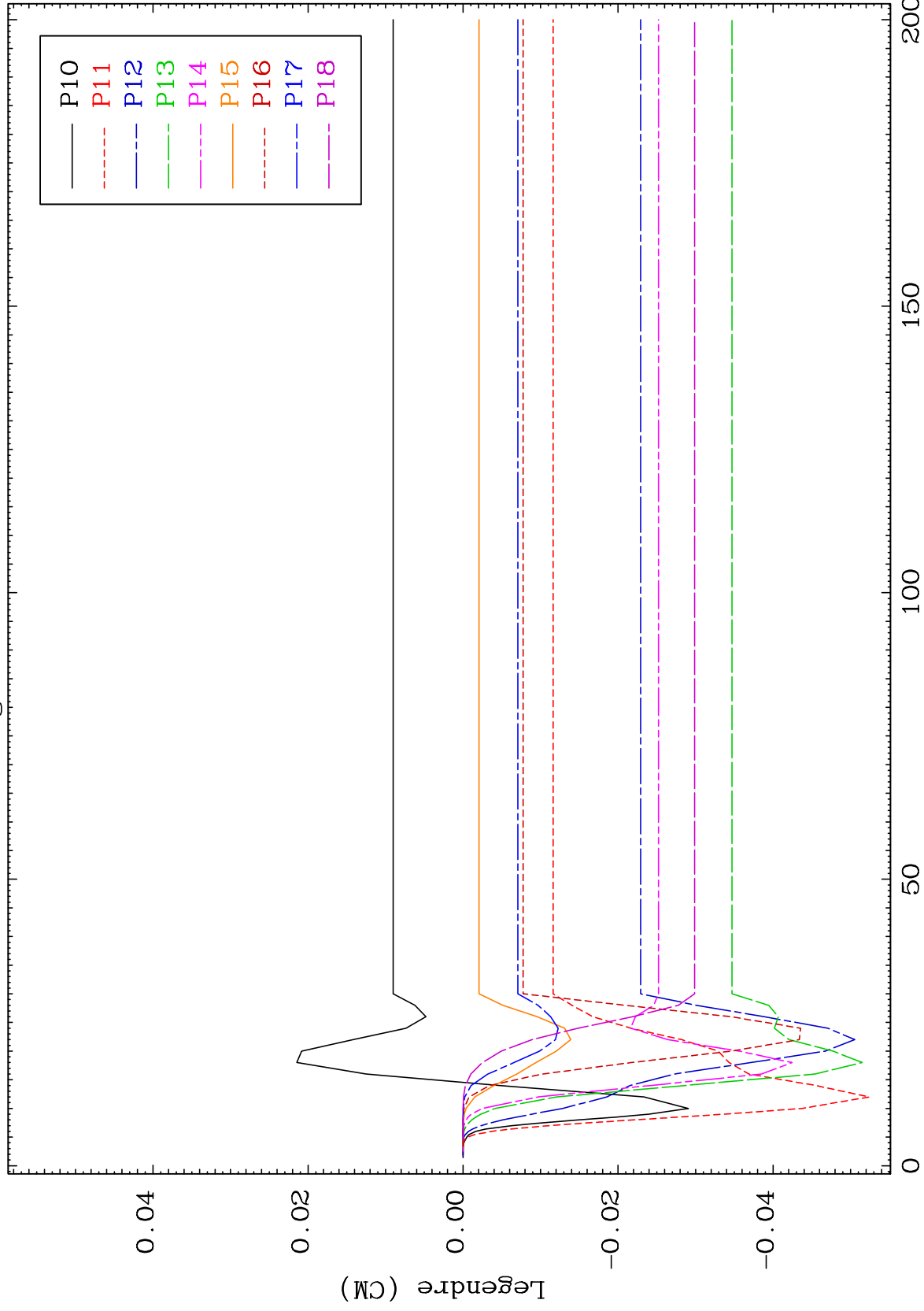
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

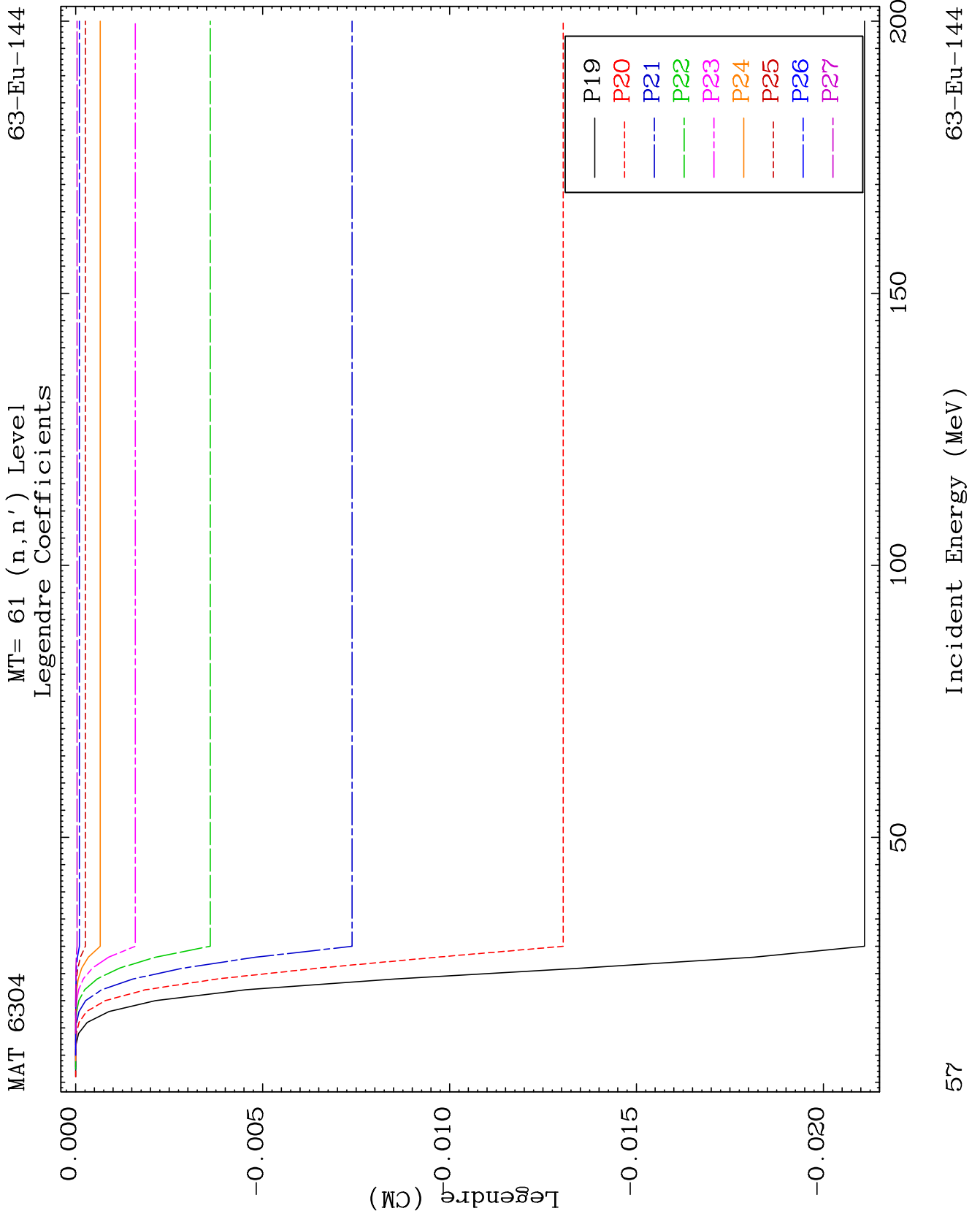
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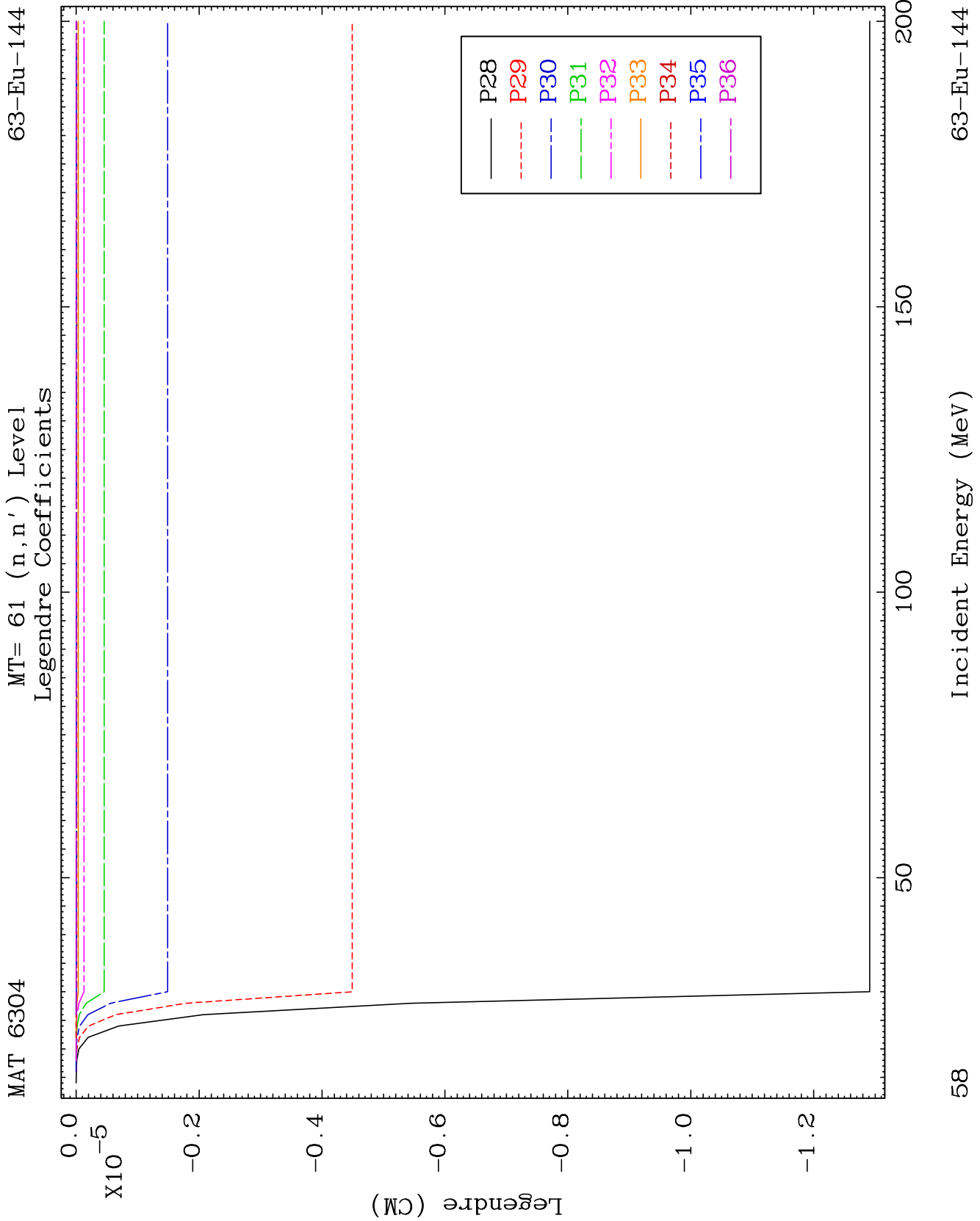


56

Incident Energy (MeV)

63-Eu-144



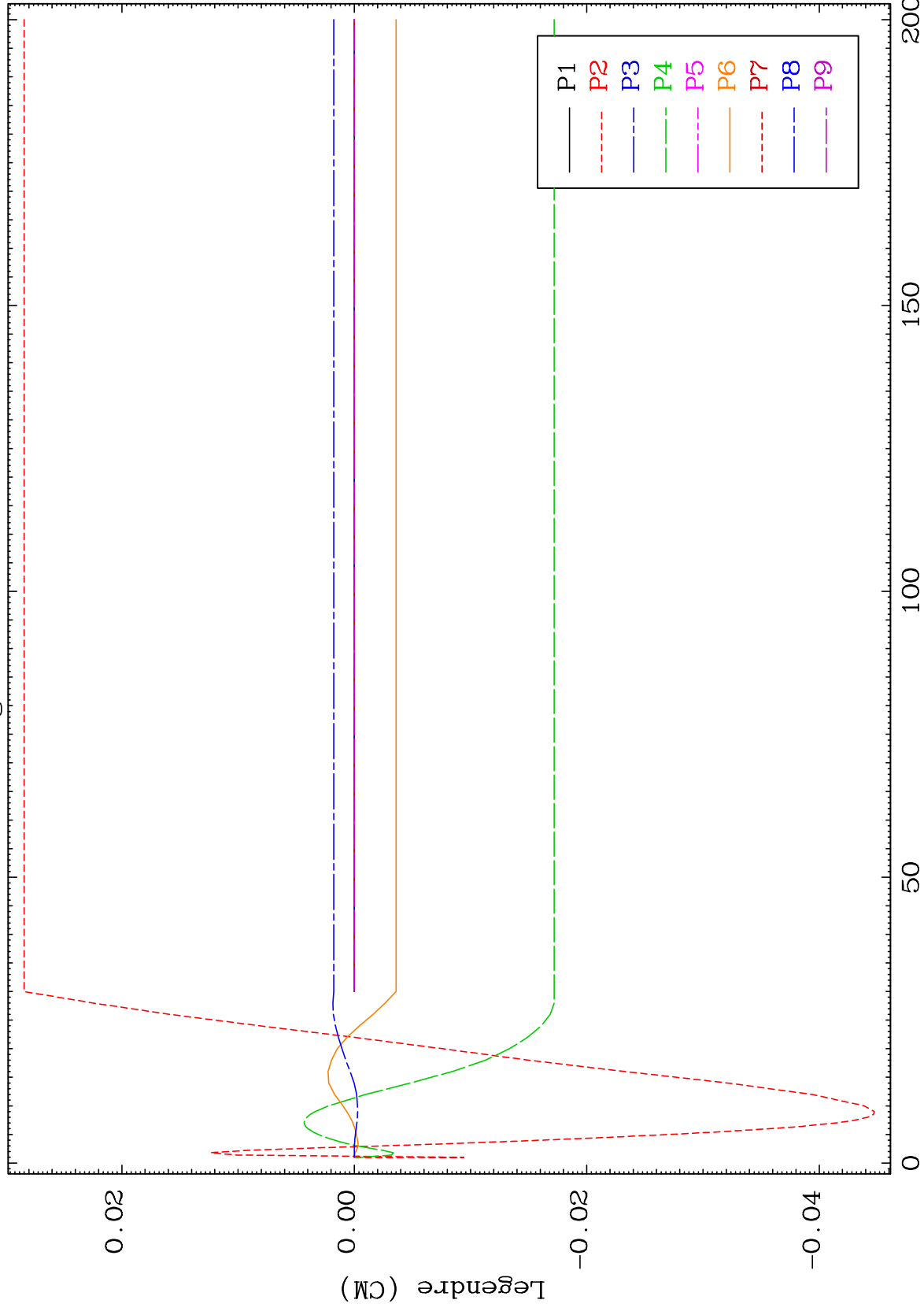


MAT 6304

MT= 62 (n,n') Level

63-Eu-144

Legendre Coefficients



59

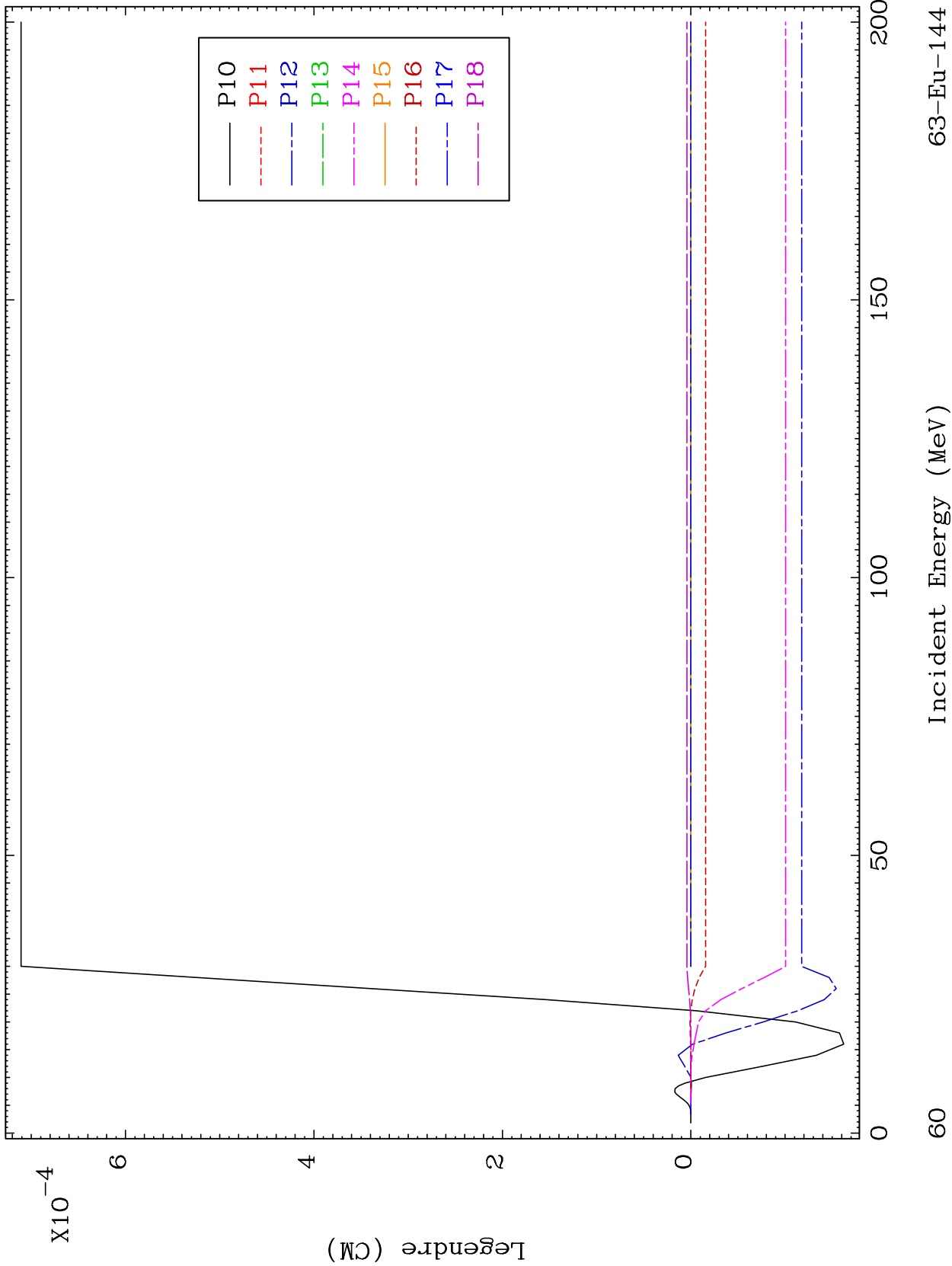
63-Eu-144

63-Eu-144

MAT 6304

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

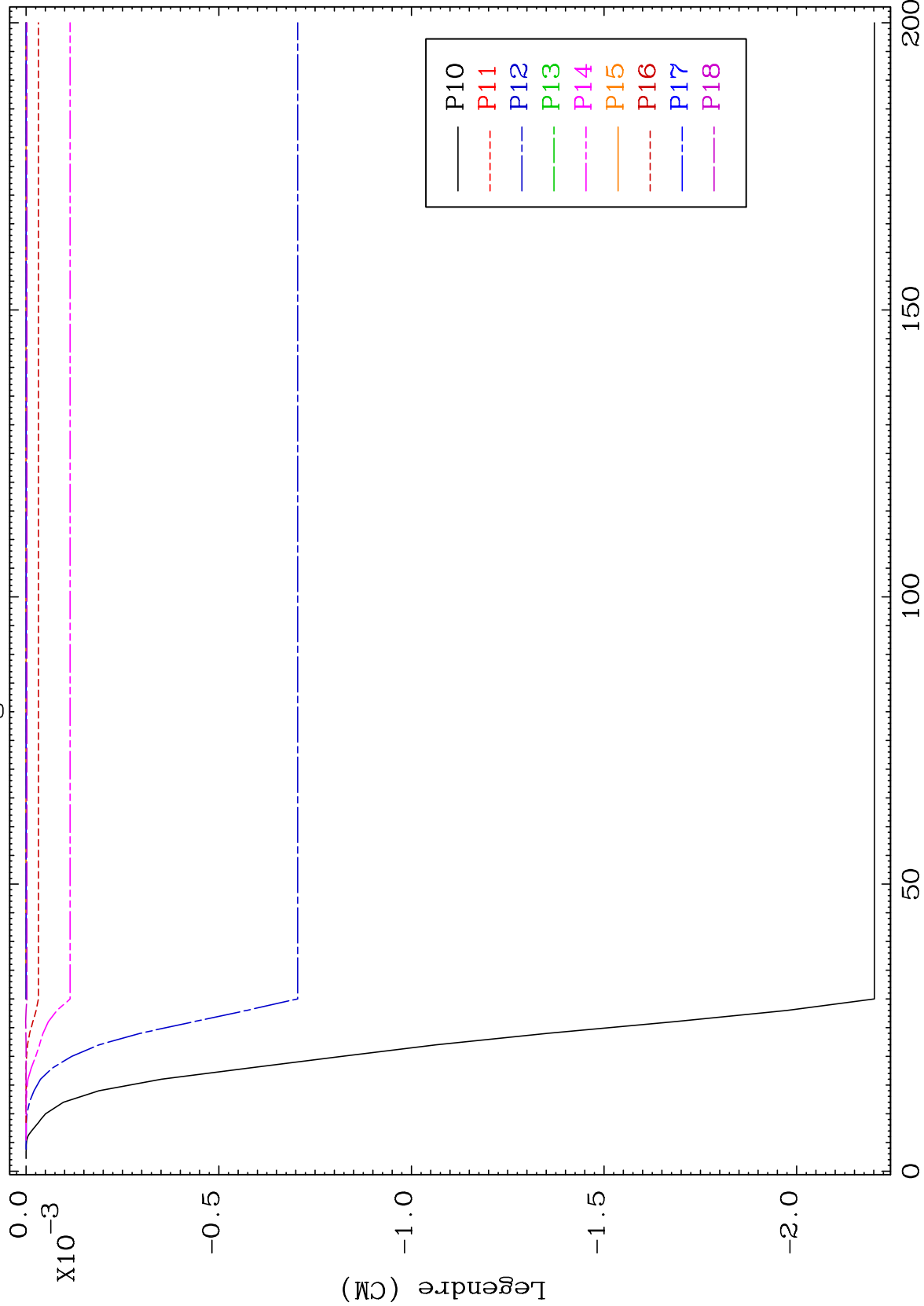
63-Eu-144



MAT 6304

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

63-Eu-144



63

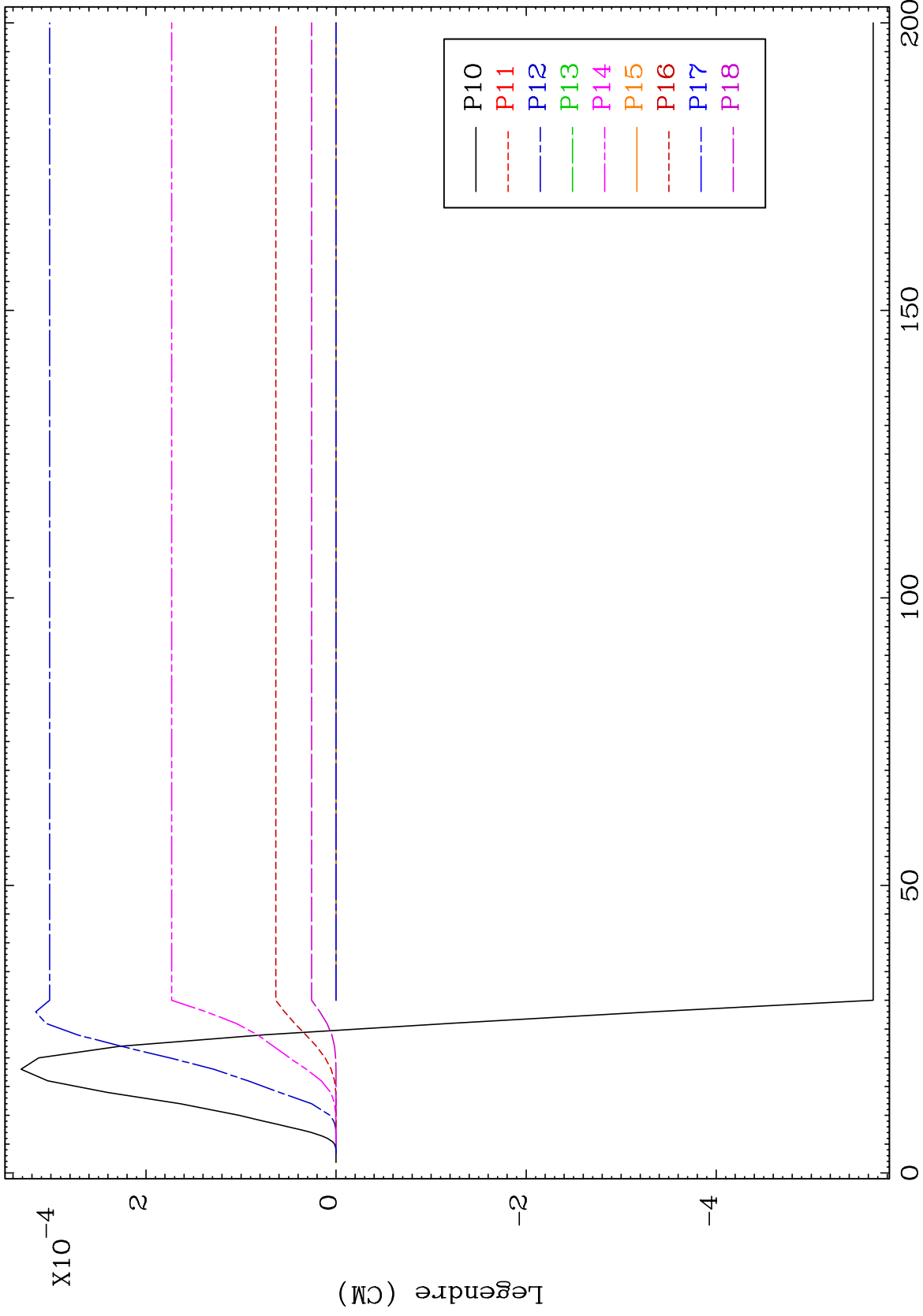
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



66

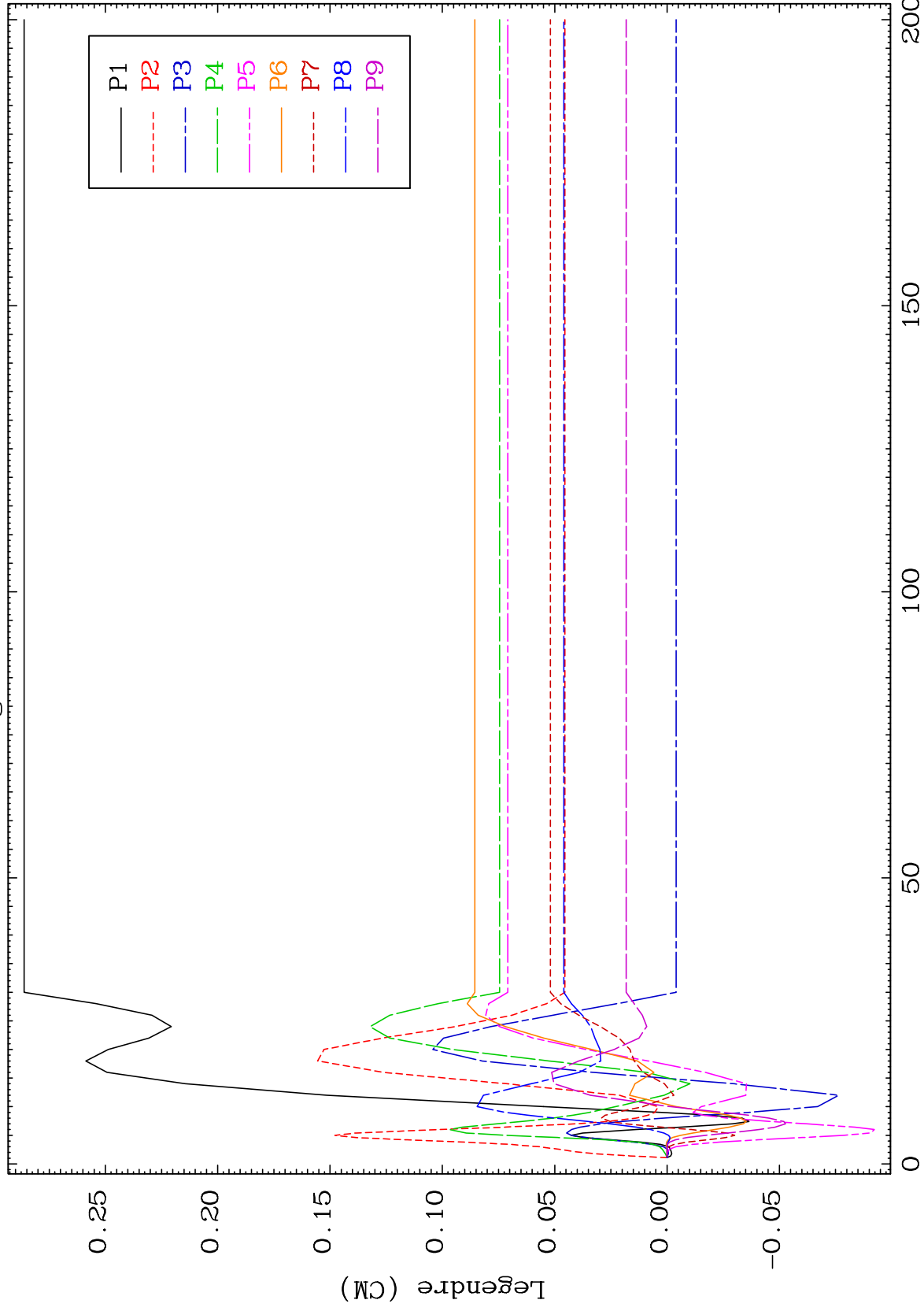
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



68

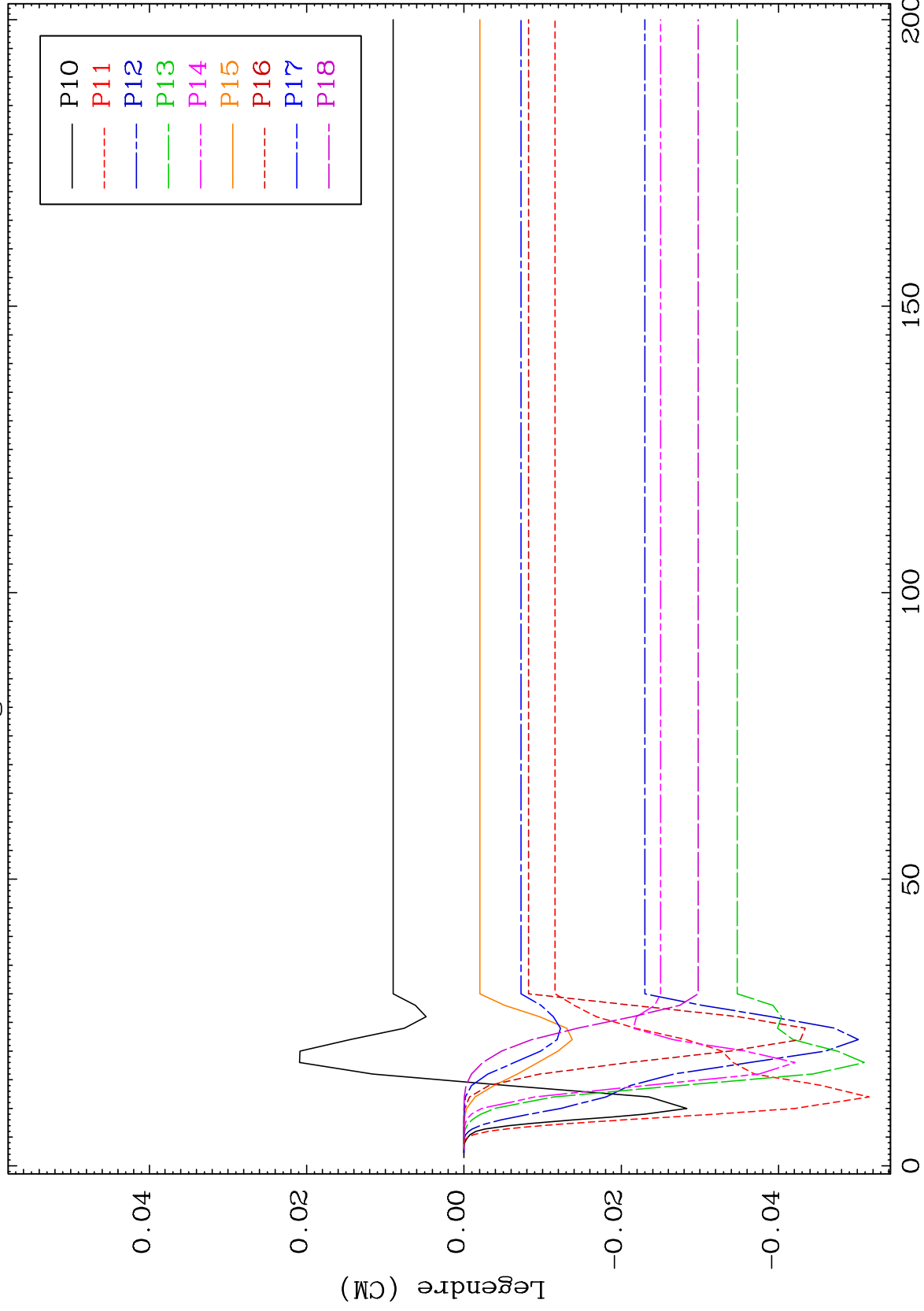
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

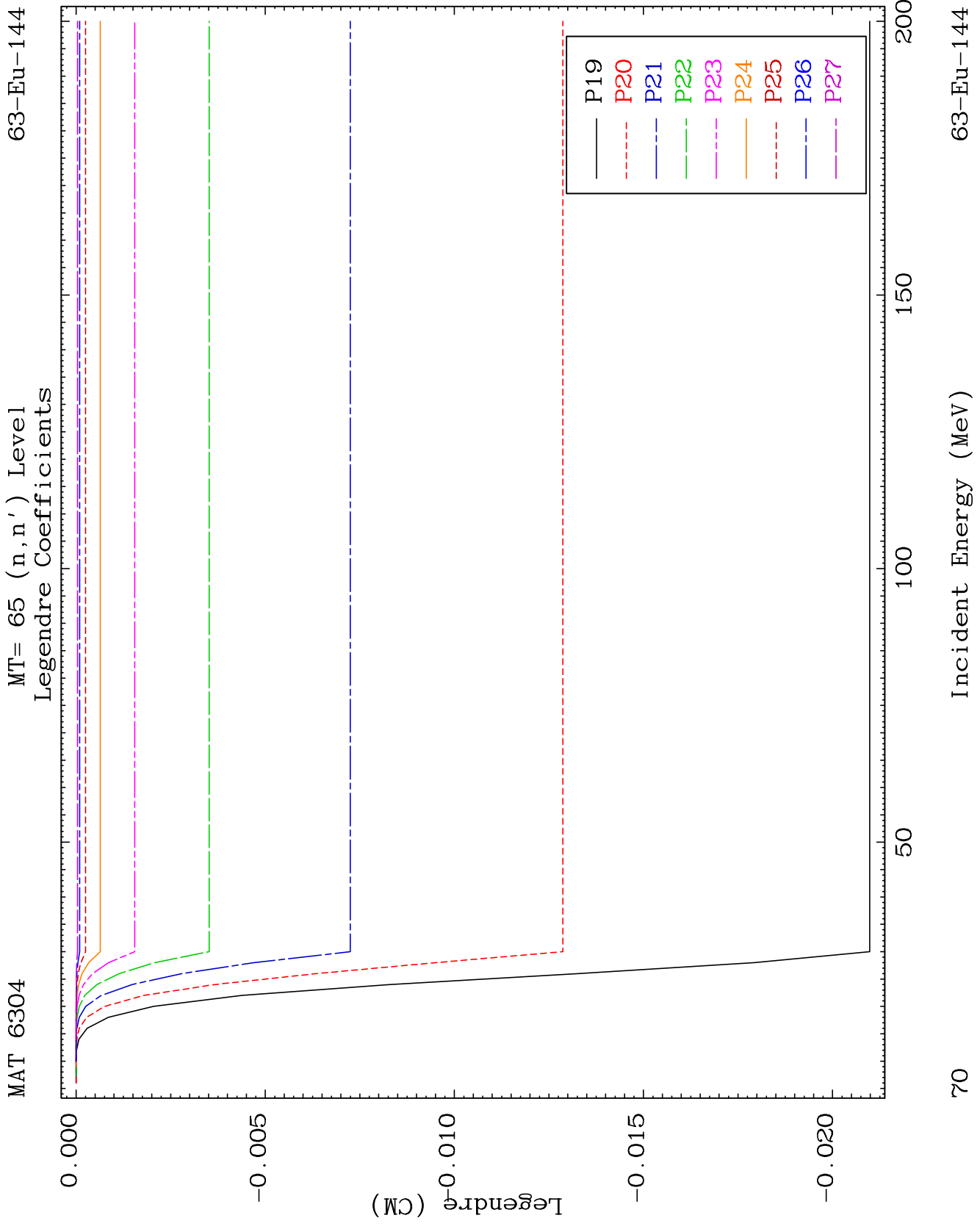
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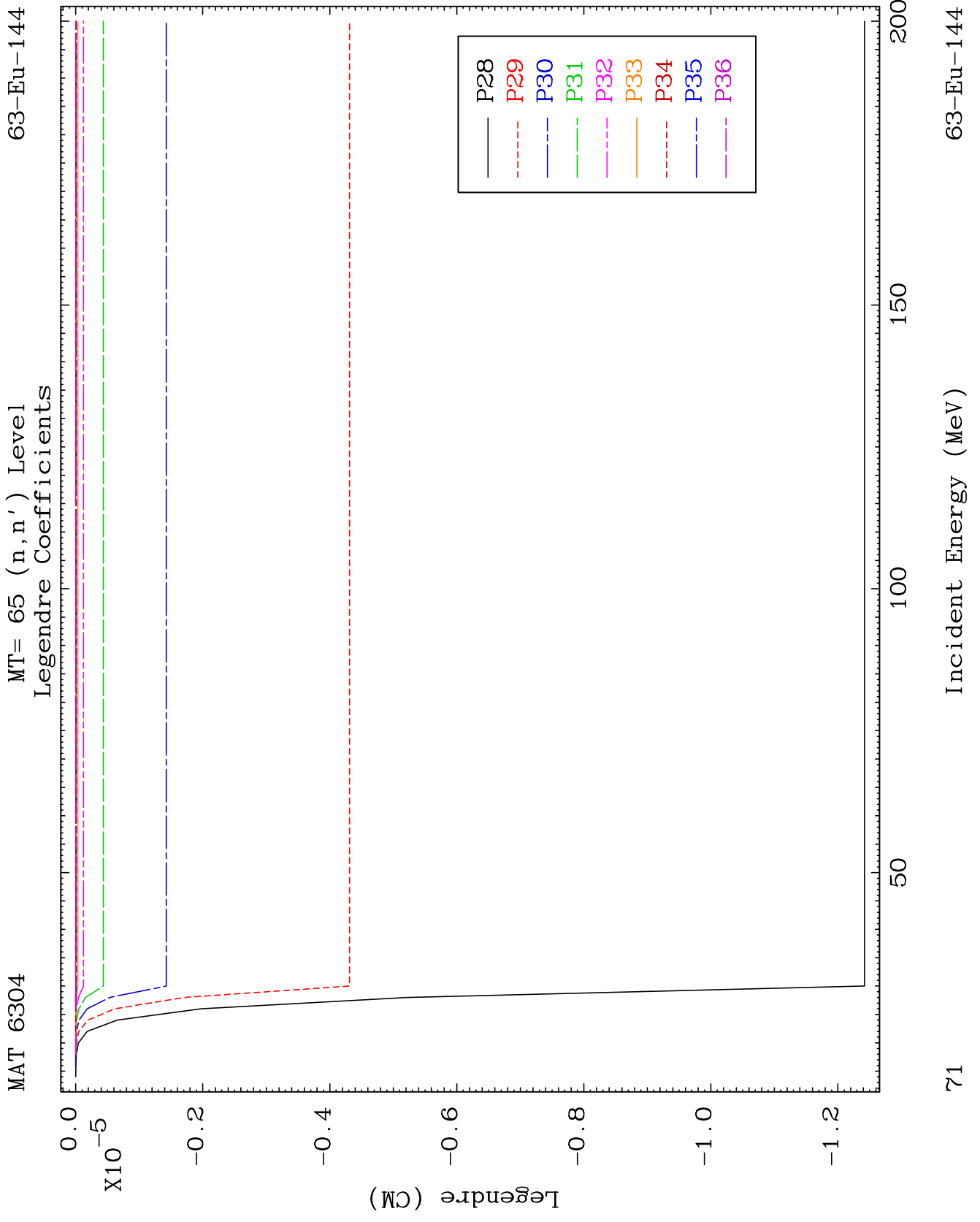


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Incident Energy (MeV)

63-Eu-144

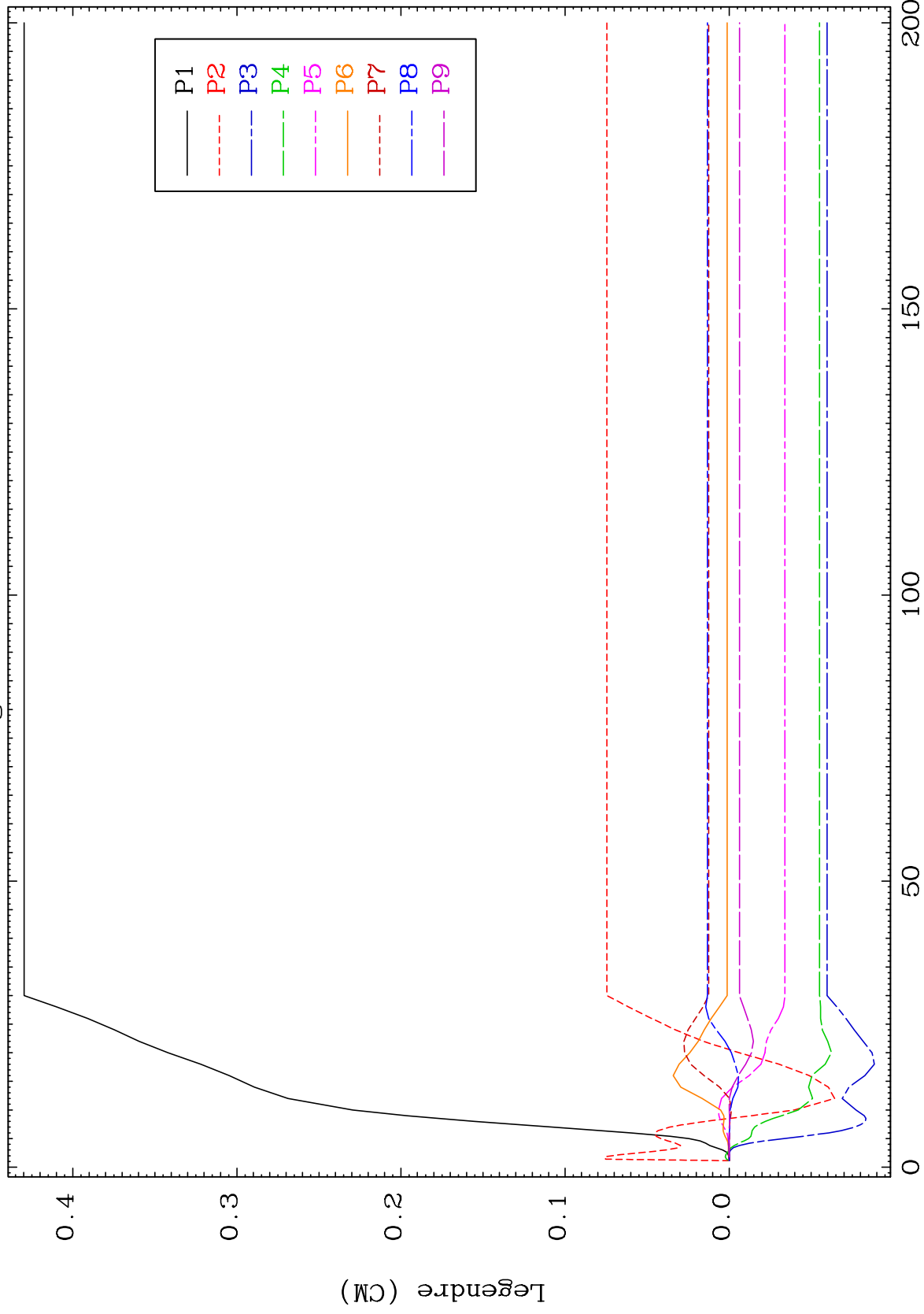




MAT 6304

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

63-Eu-144



72

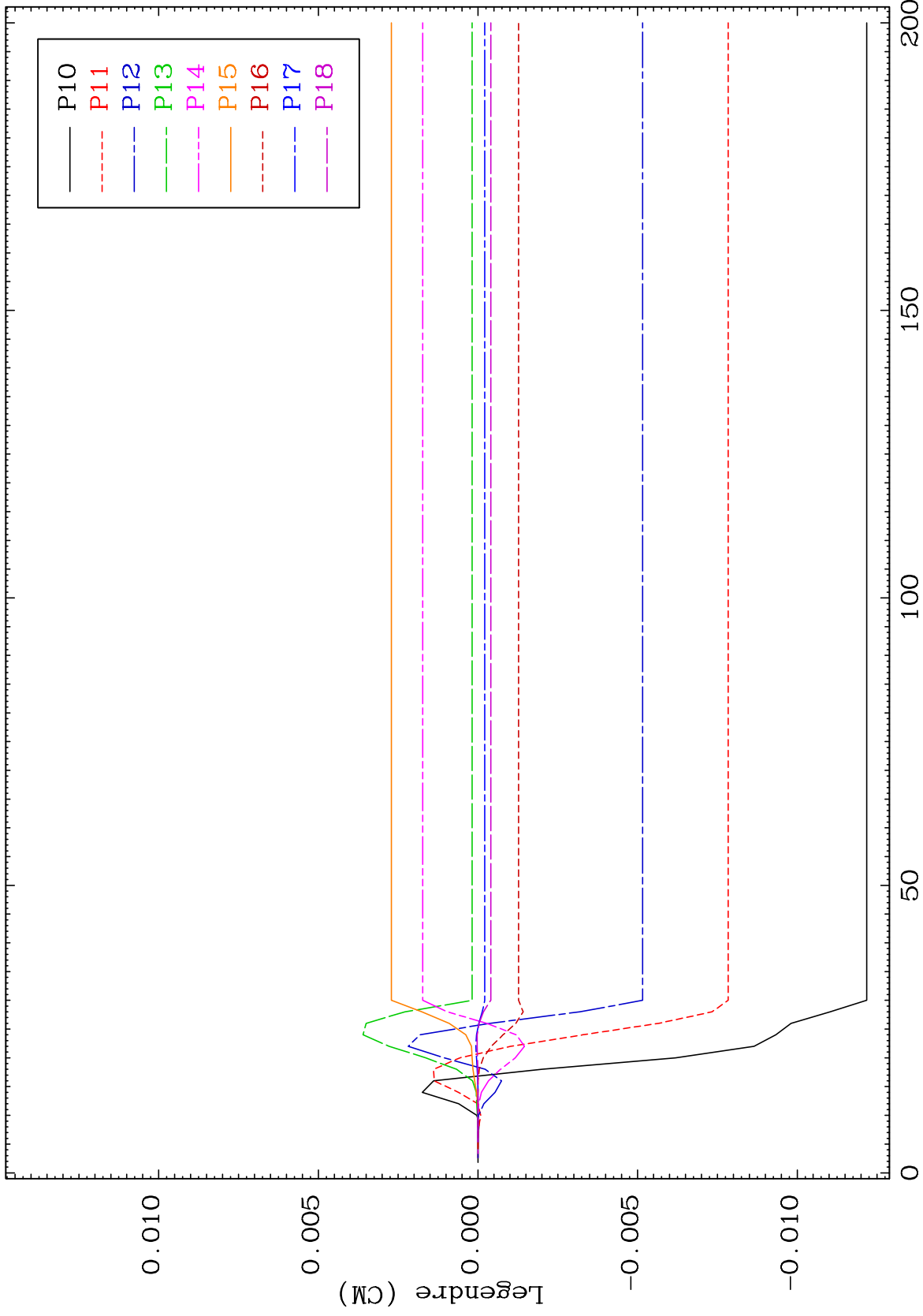
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



73

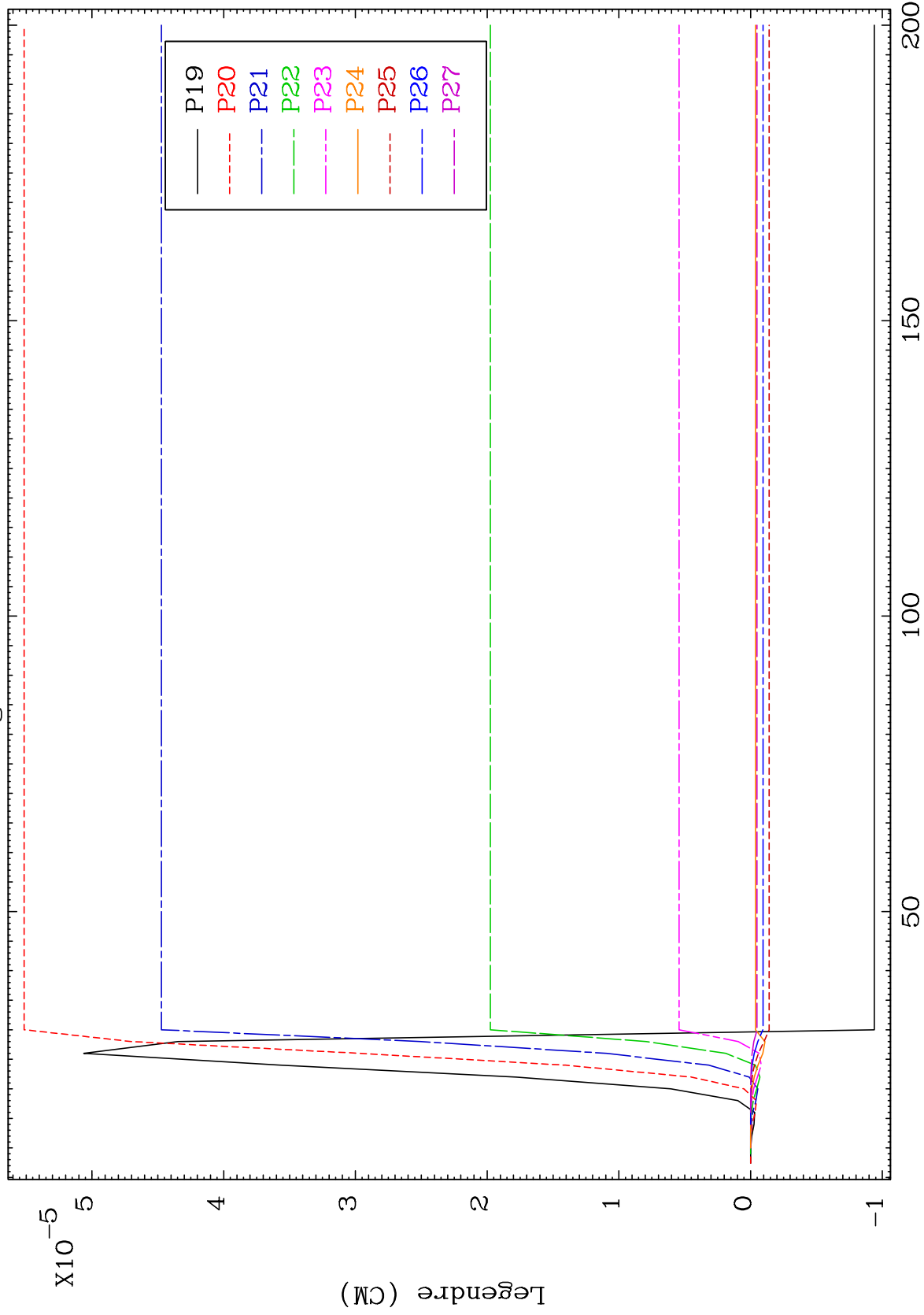
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



74

Incident Energy (MeV)

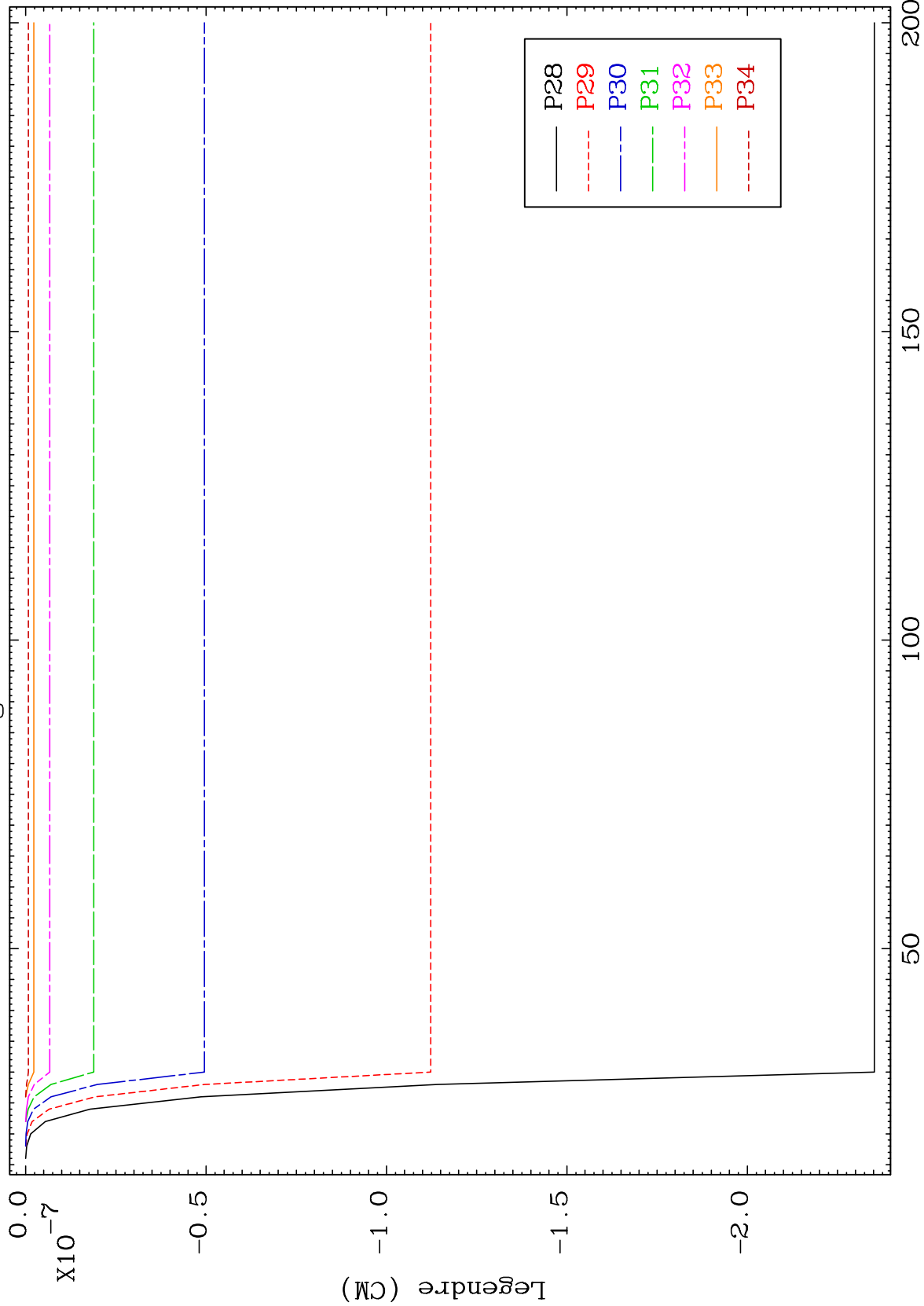
63-Eu-144

MAT 6304

MT= 66 (n,n') Level

63-Eu-144

Legendre Coefficients



75

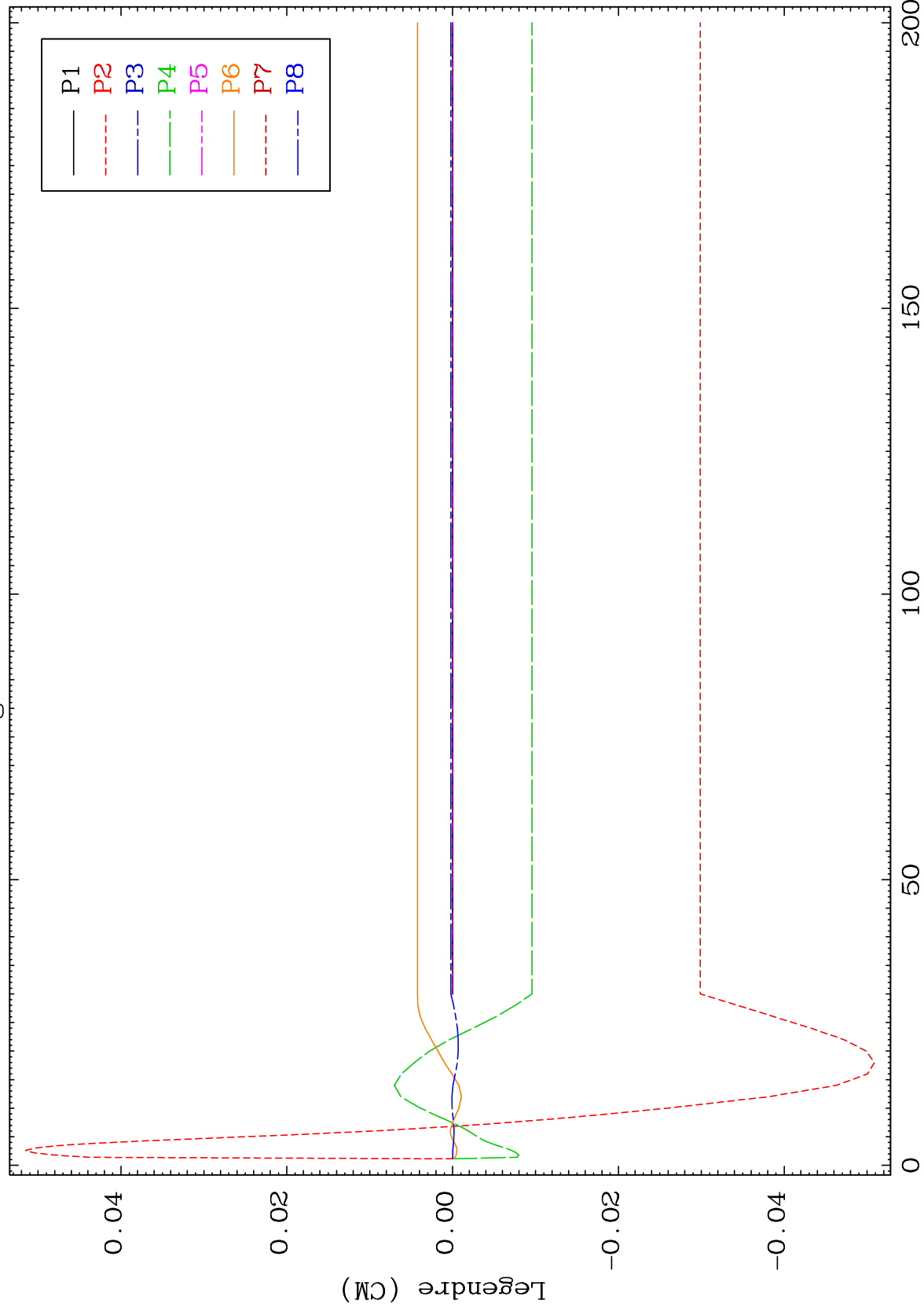
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



76

Incident Energy (MeV)

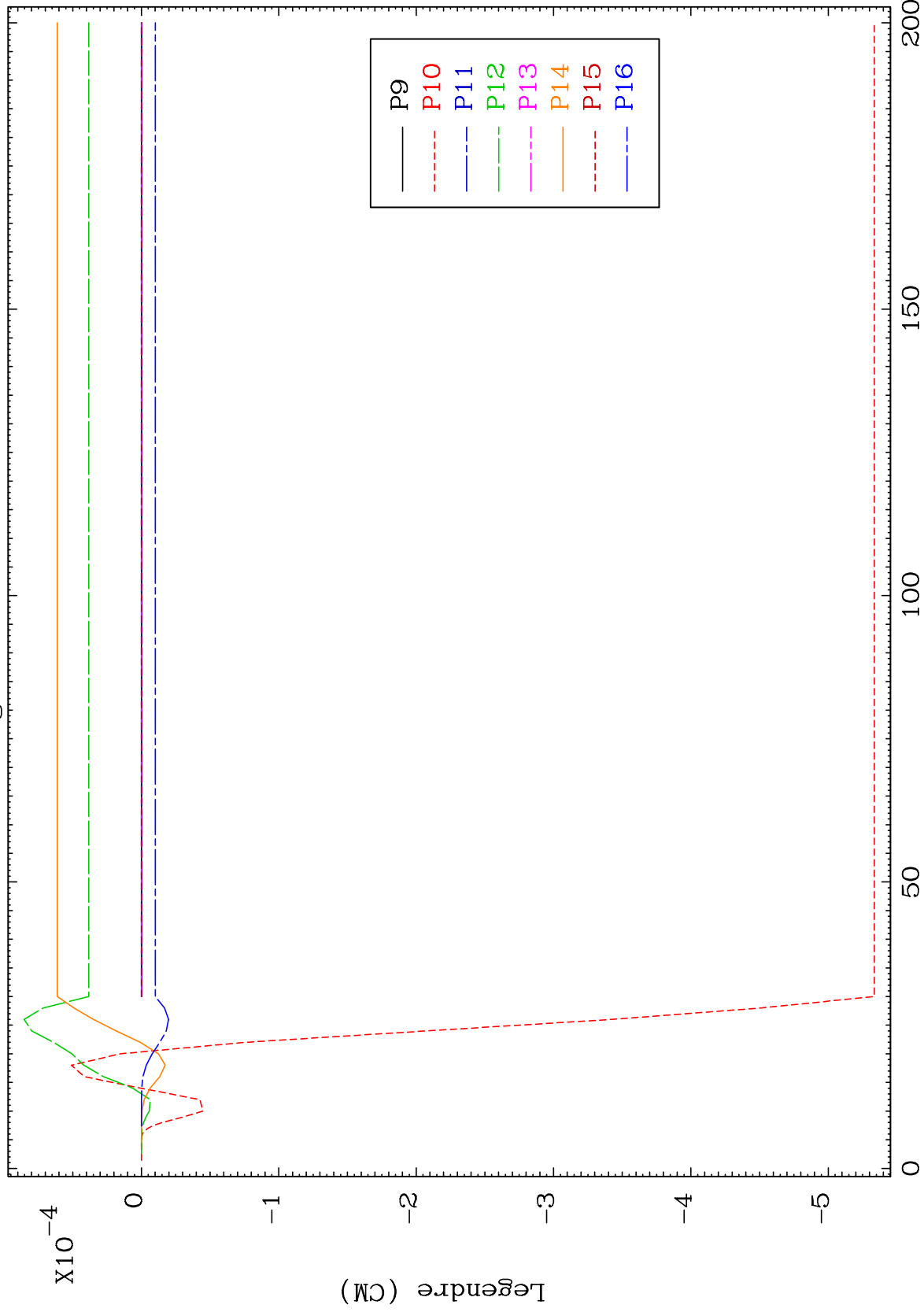
63-Eu-144

MAT 6304

MT= 67 (n,n') Level

63-Eu-144

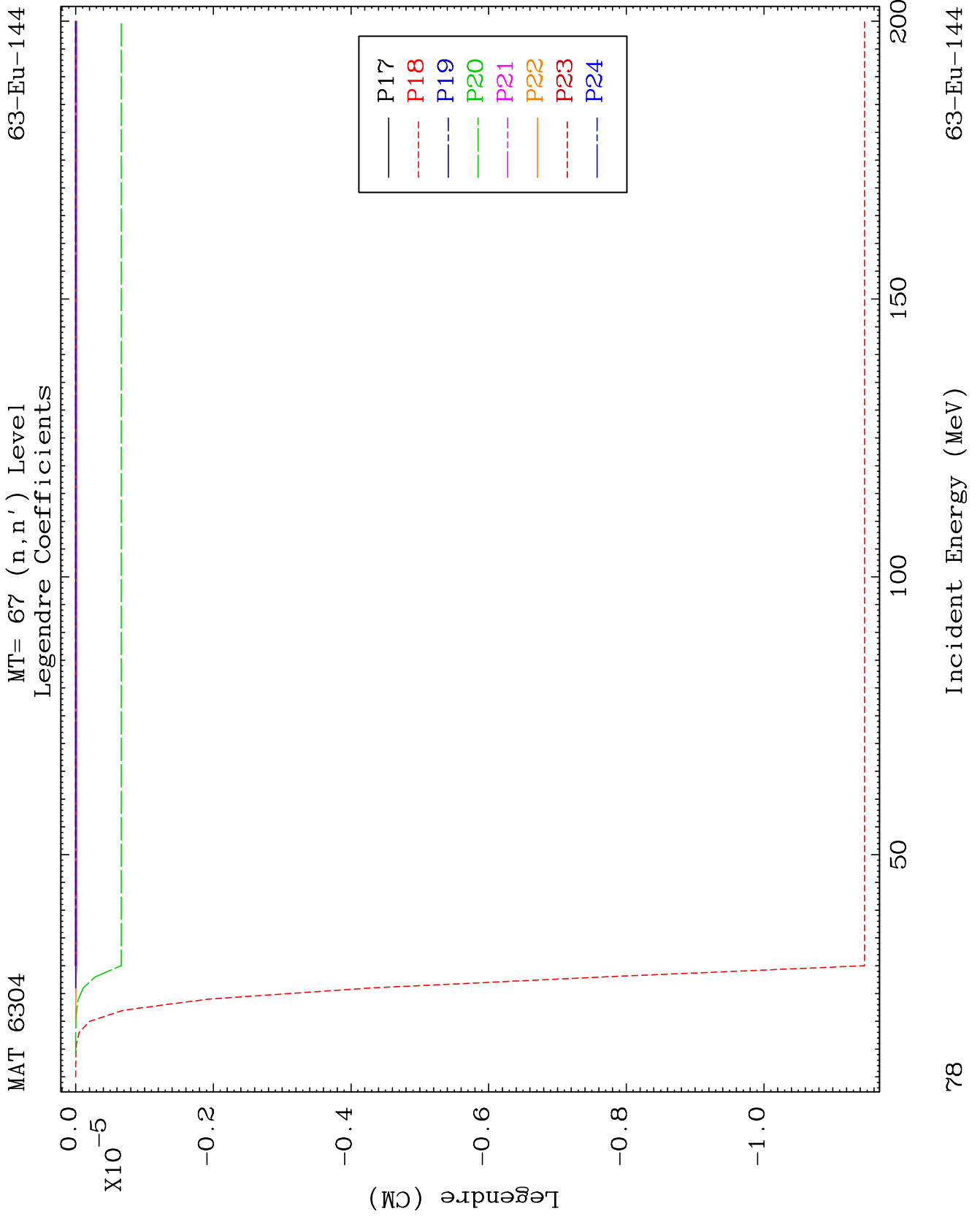
Legendre Coefficients



77

Incident Energy (MeV)

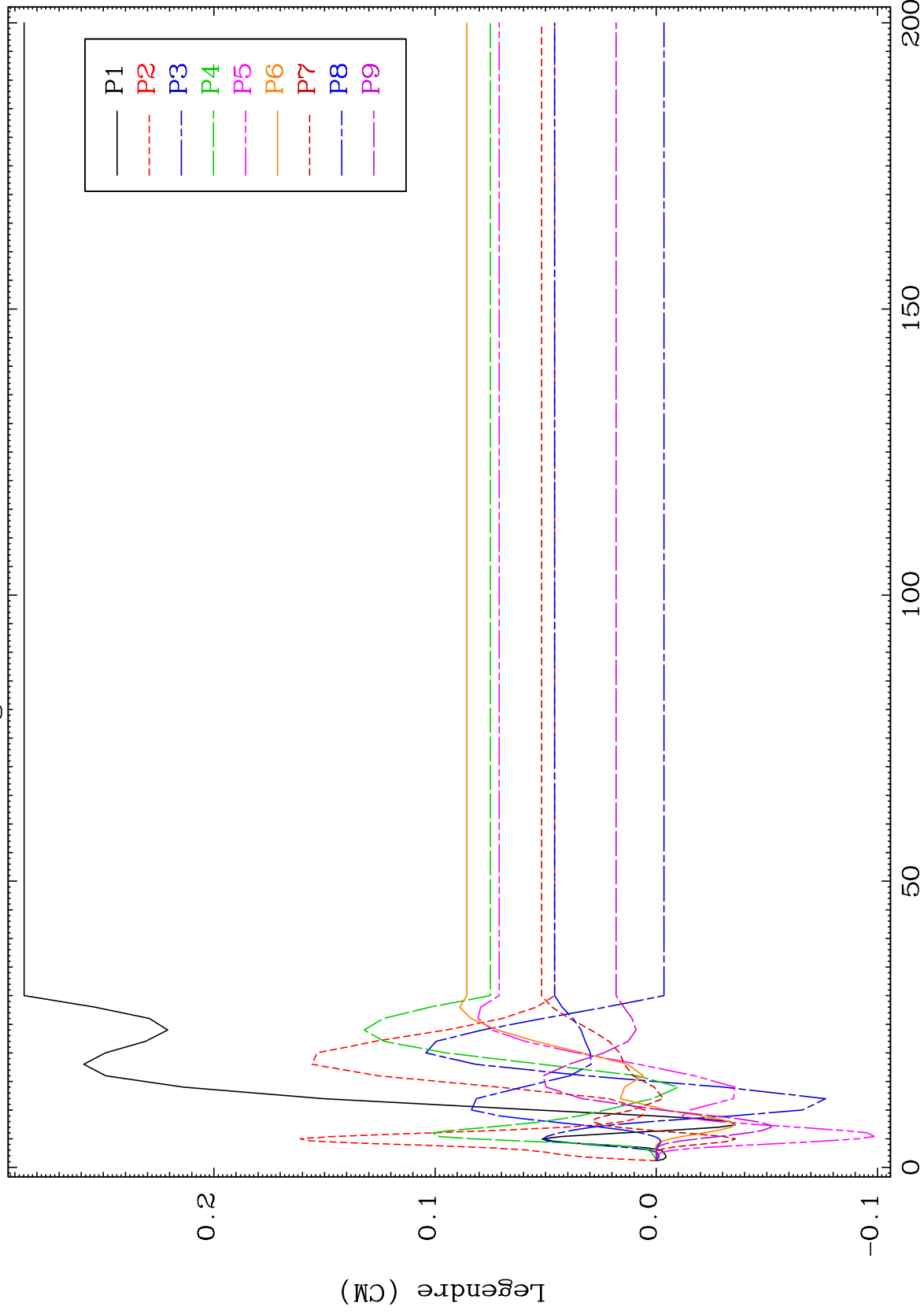
63-Eu-144



MAT 6304

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

63-Eu-144



79

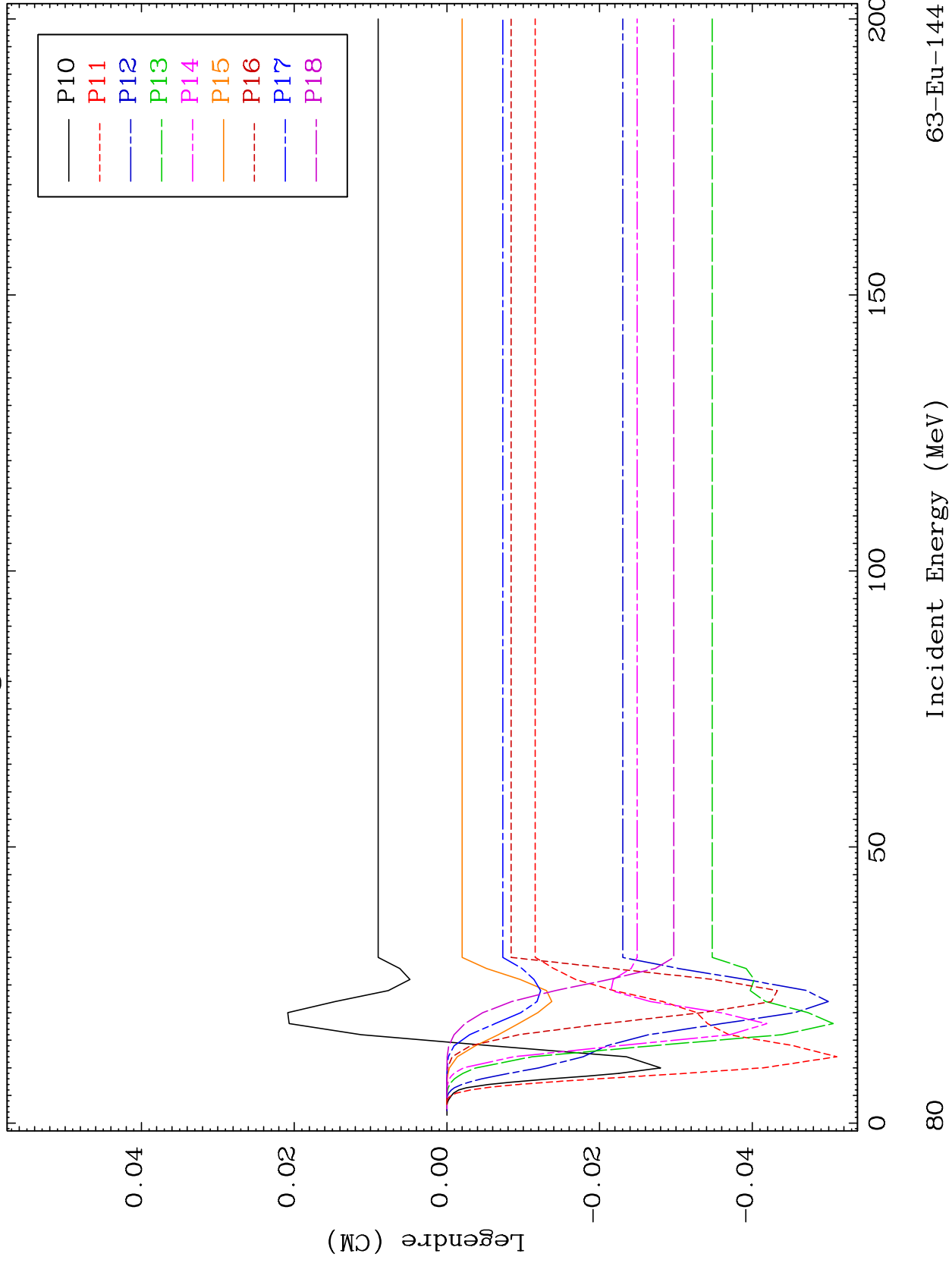
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

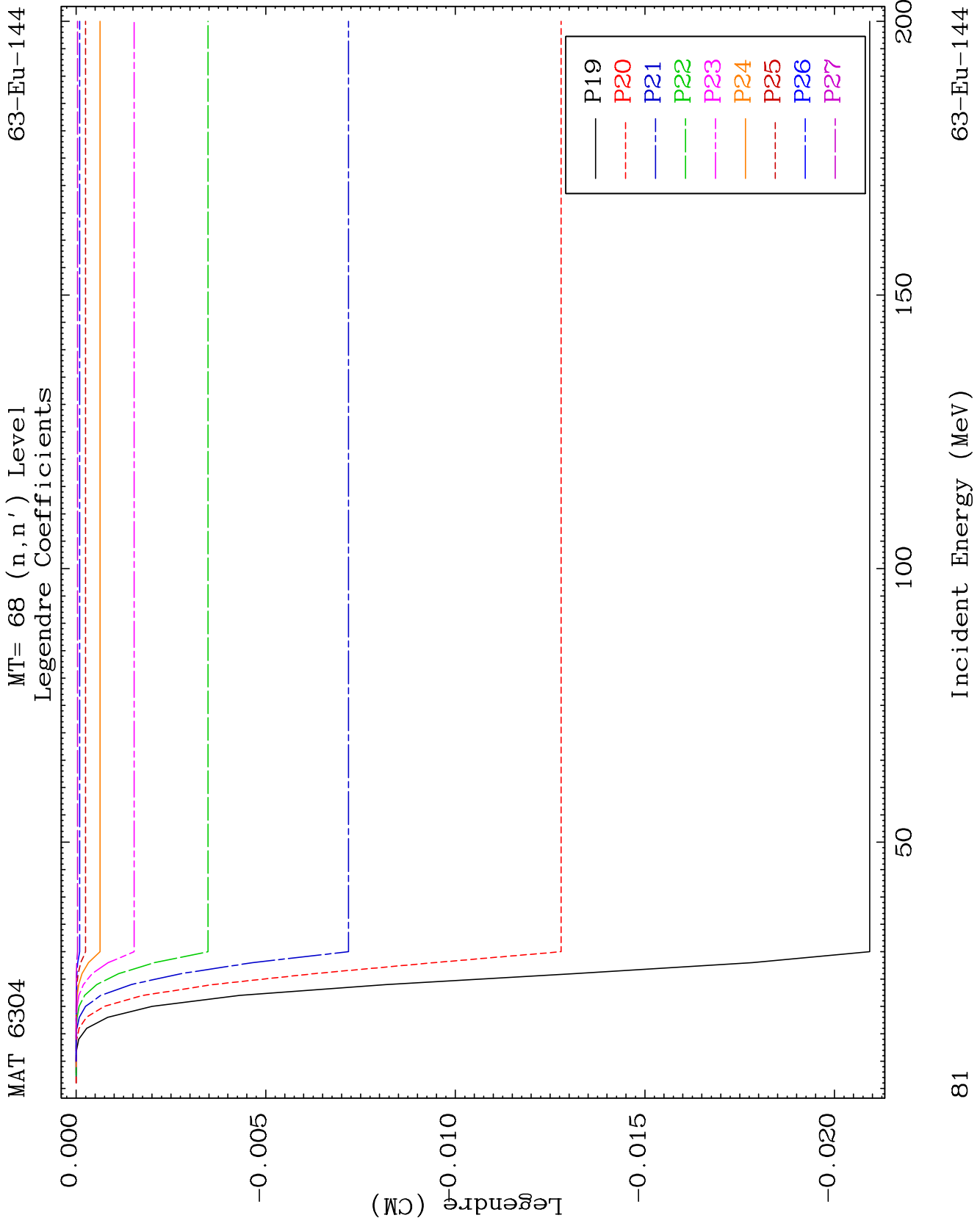
63-Eu-144

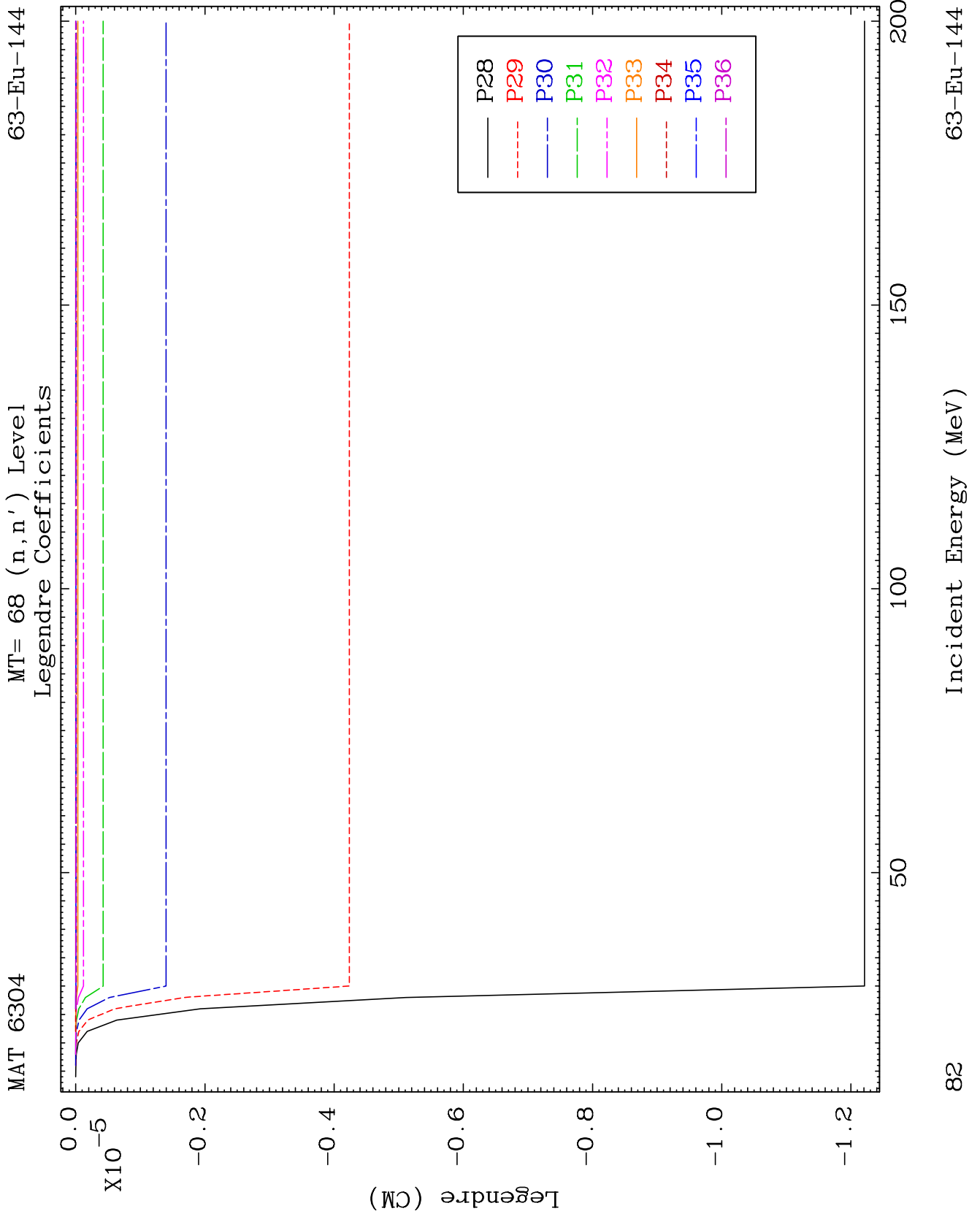


63-Eu-144

Incident Energy (MeV)

80

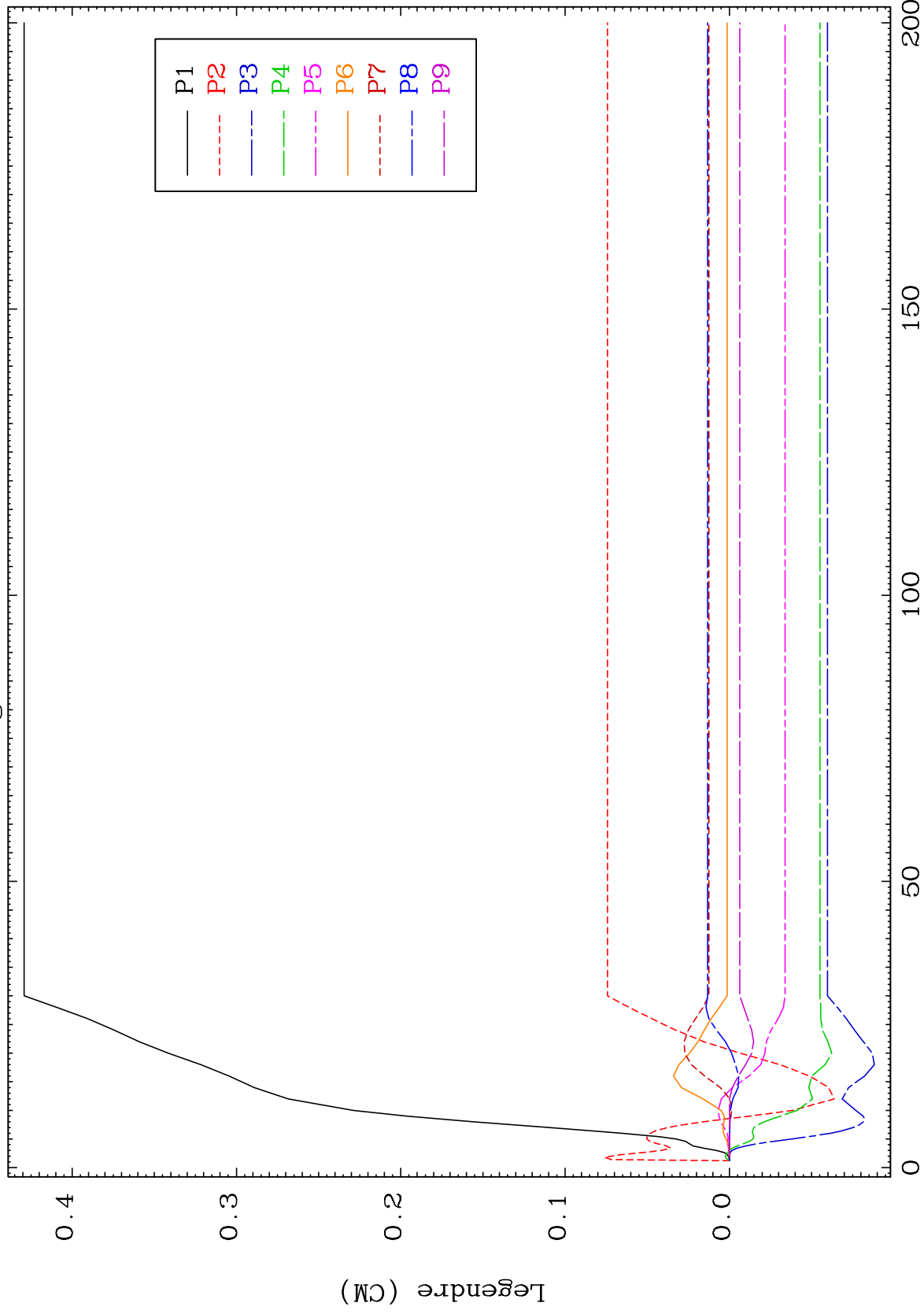




MAT 6304

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

63-Eu-144



83

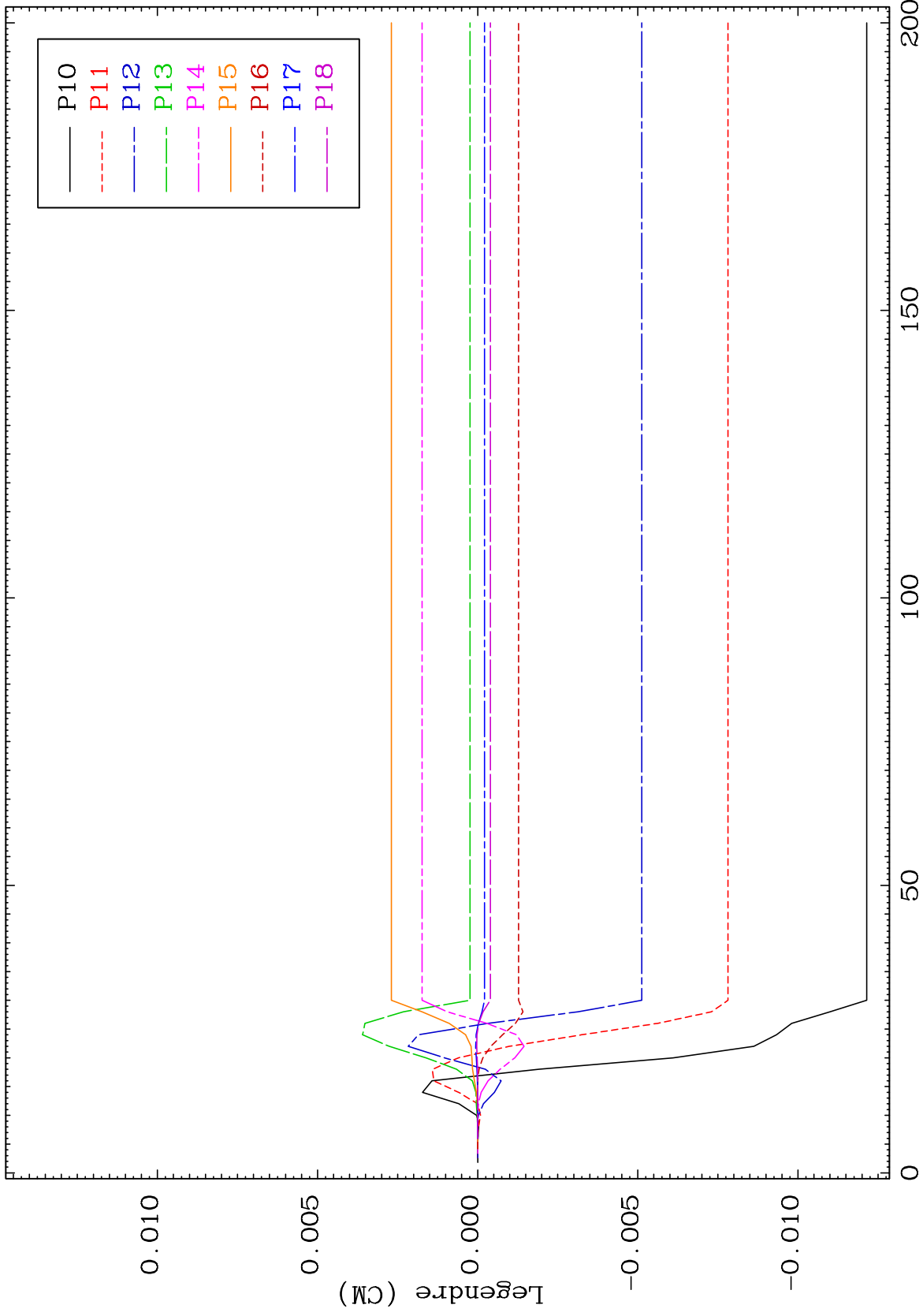
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



84

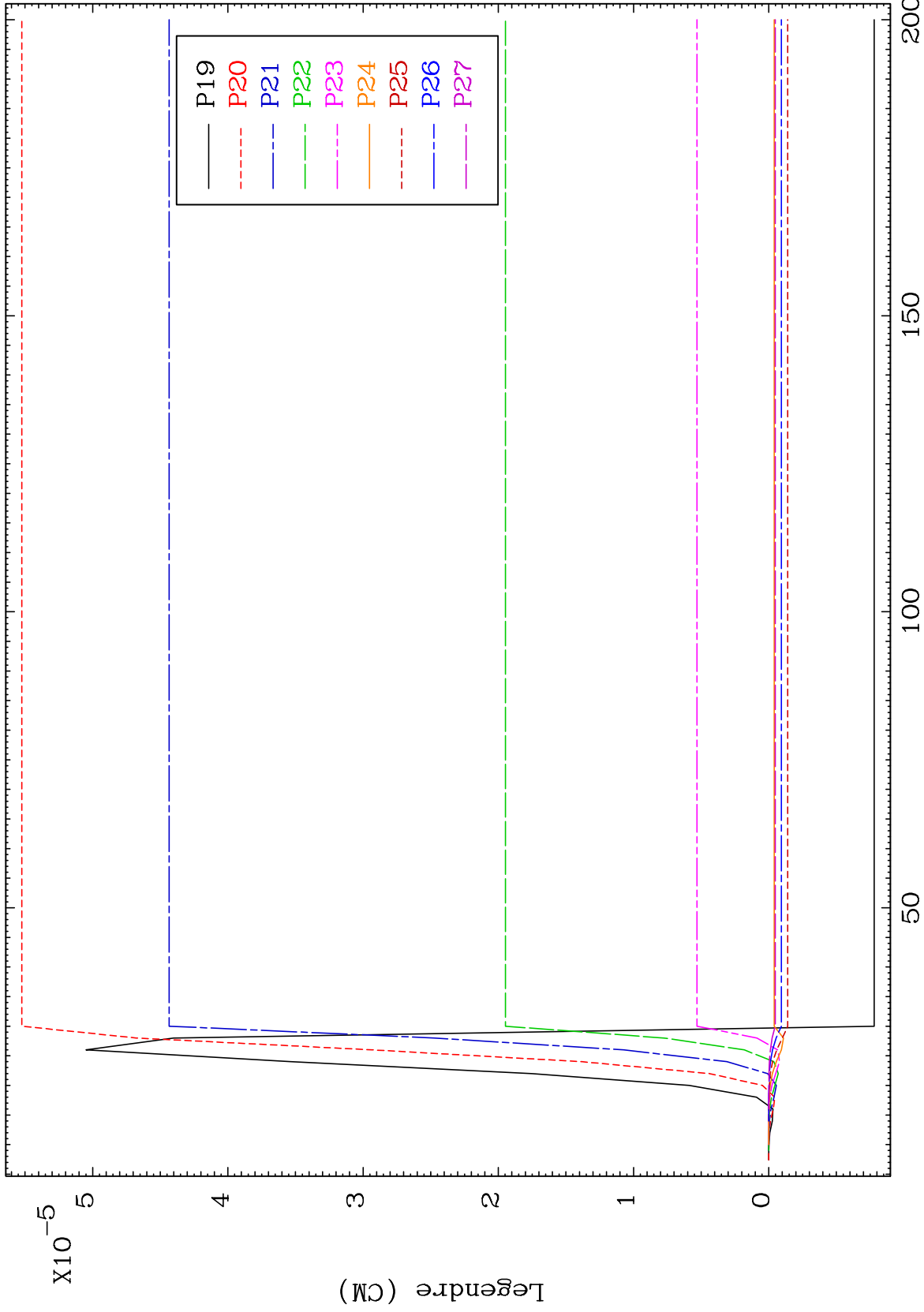
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

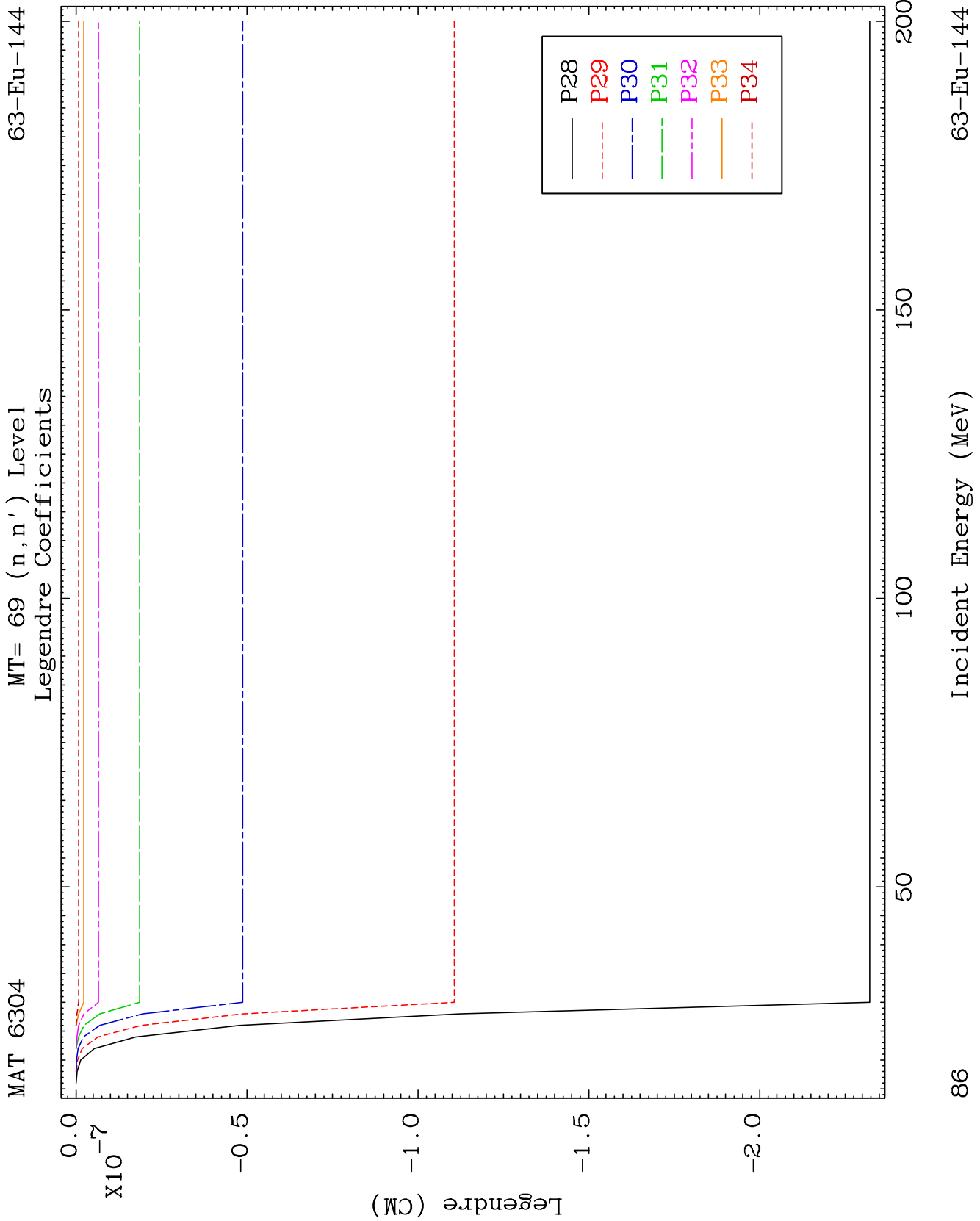
63-Eu-144



85

Incident Energy (MeV)

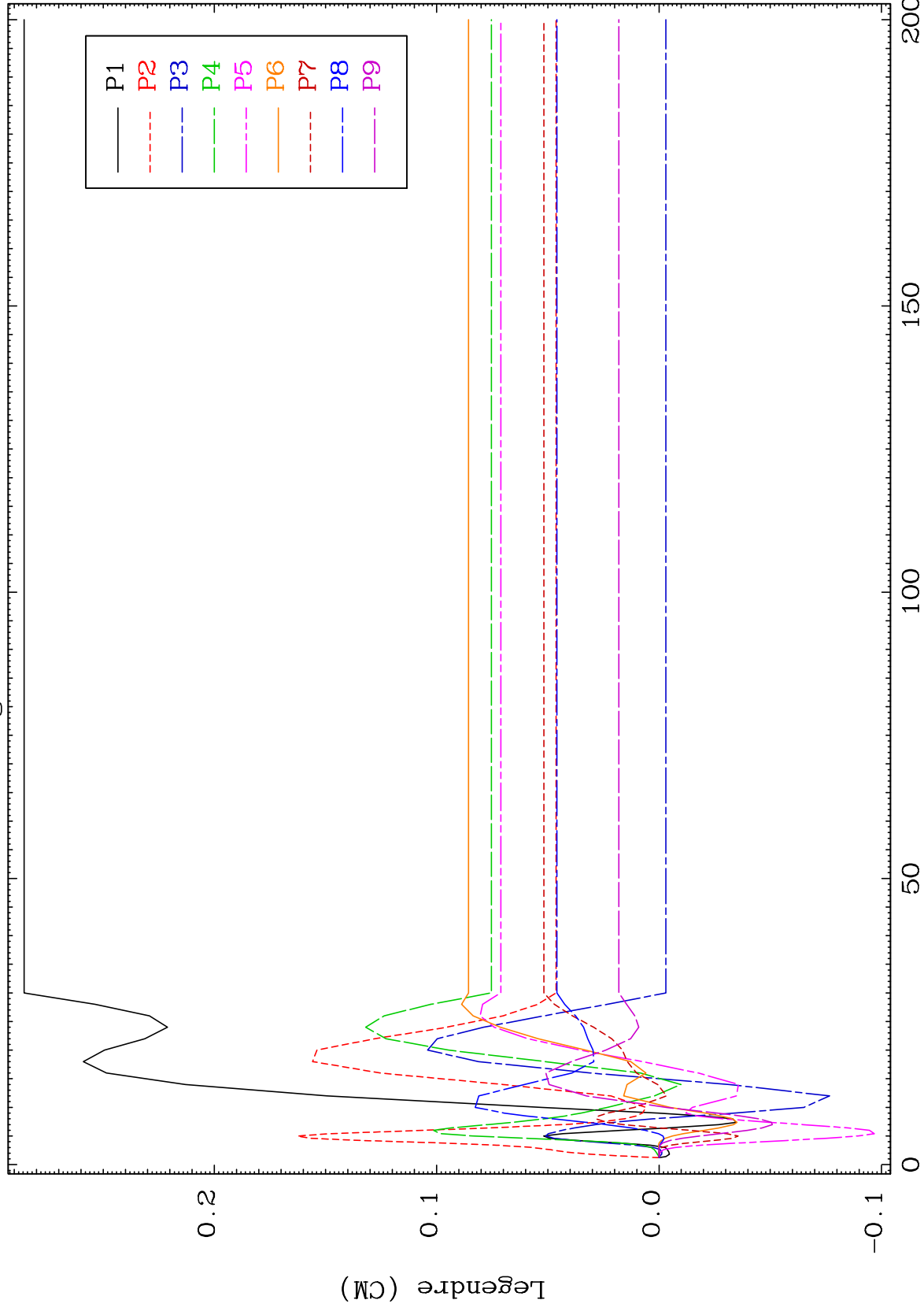
63-Eu-144



MAT 6304

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

63-Eu-144



87

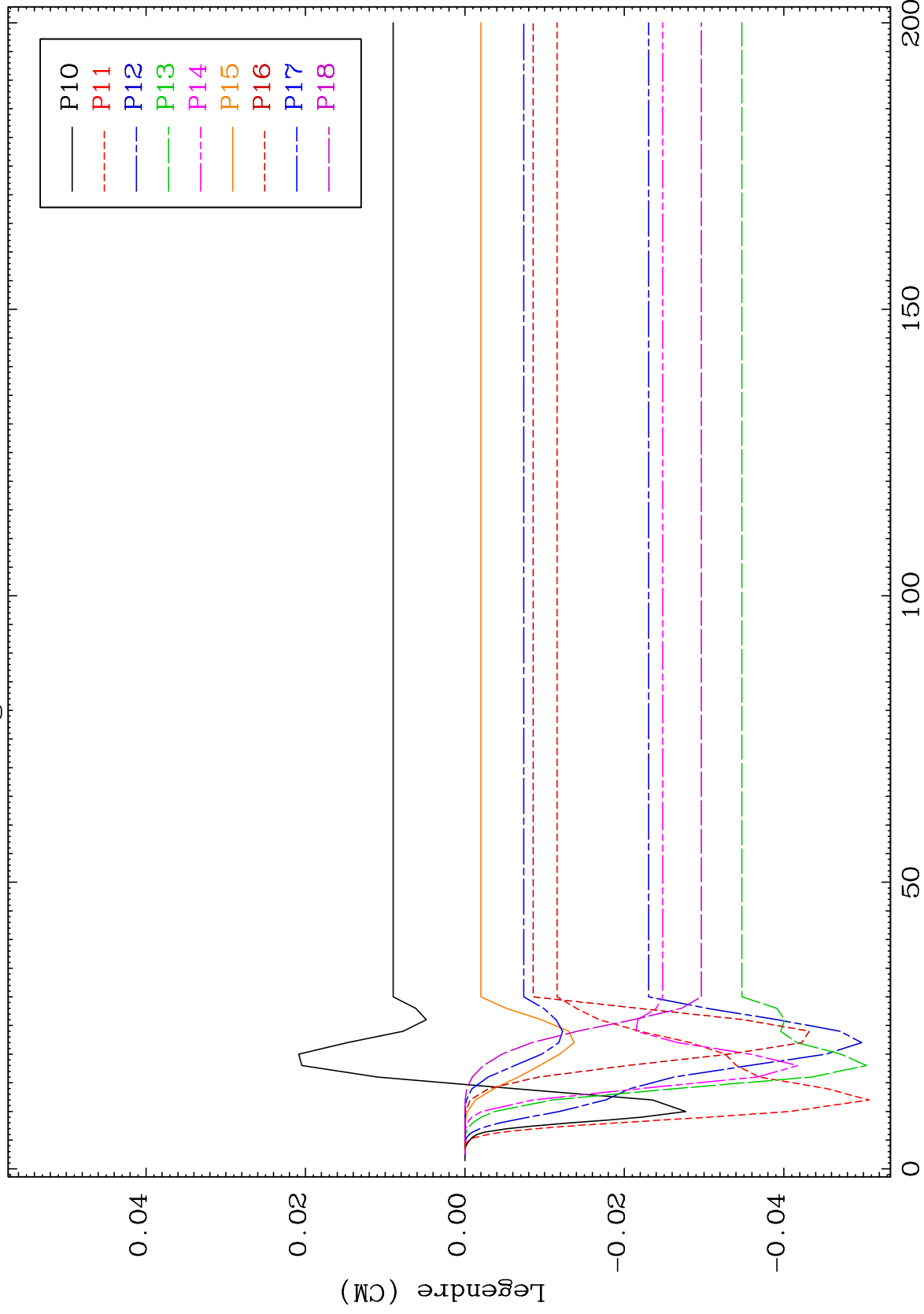
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

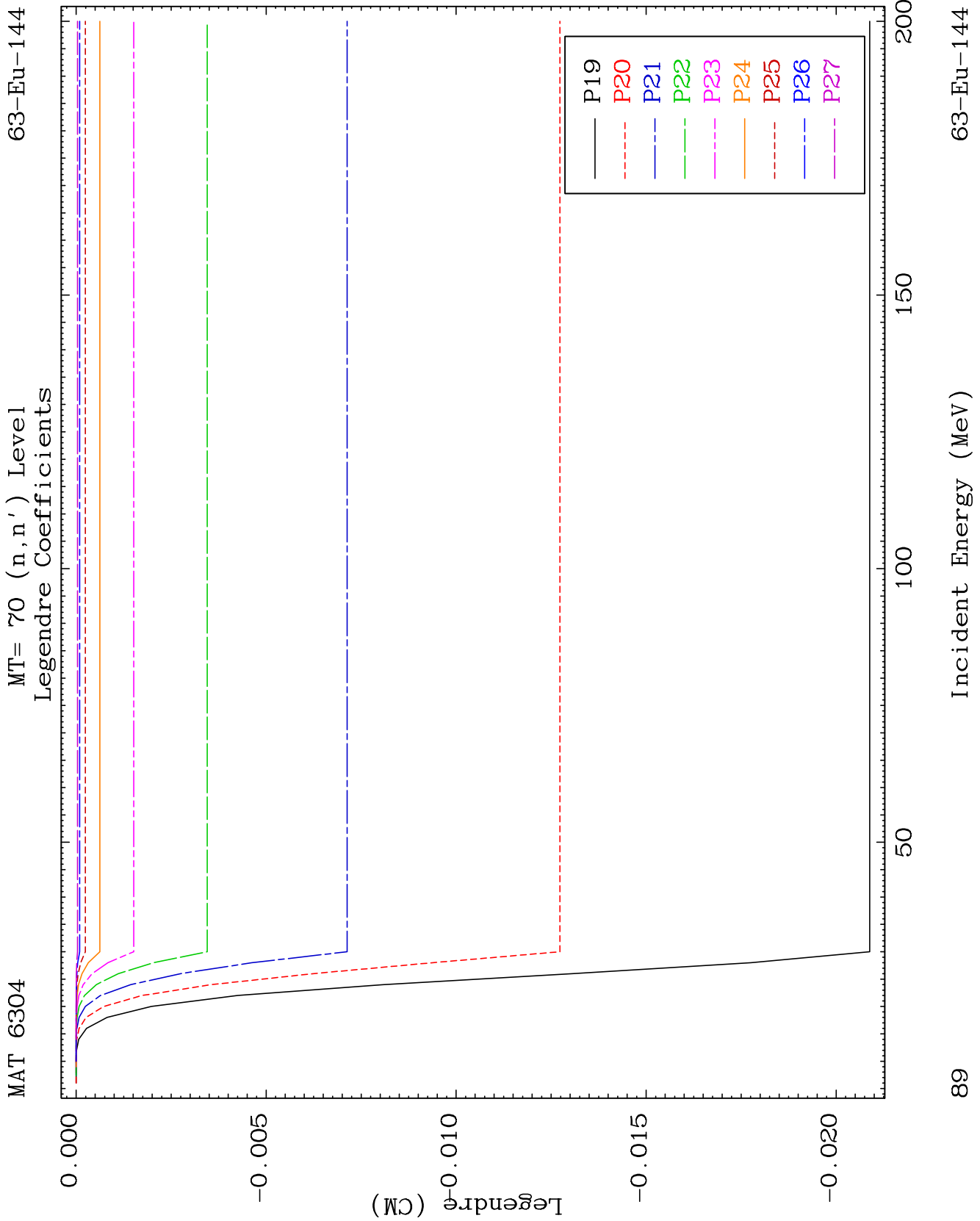
63-Eu-144

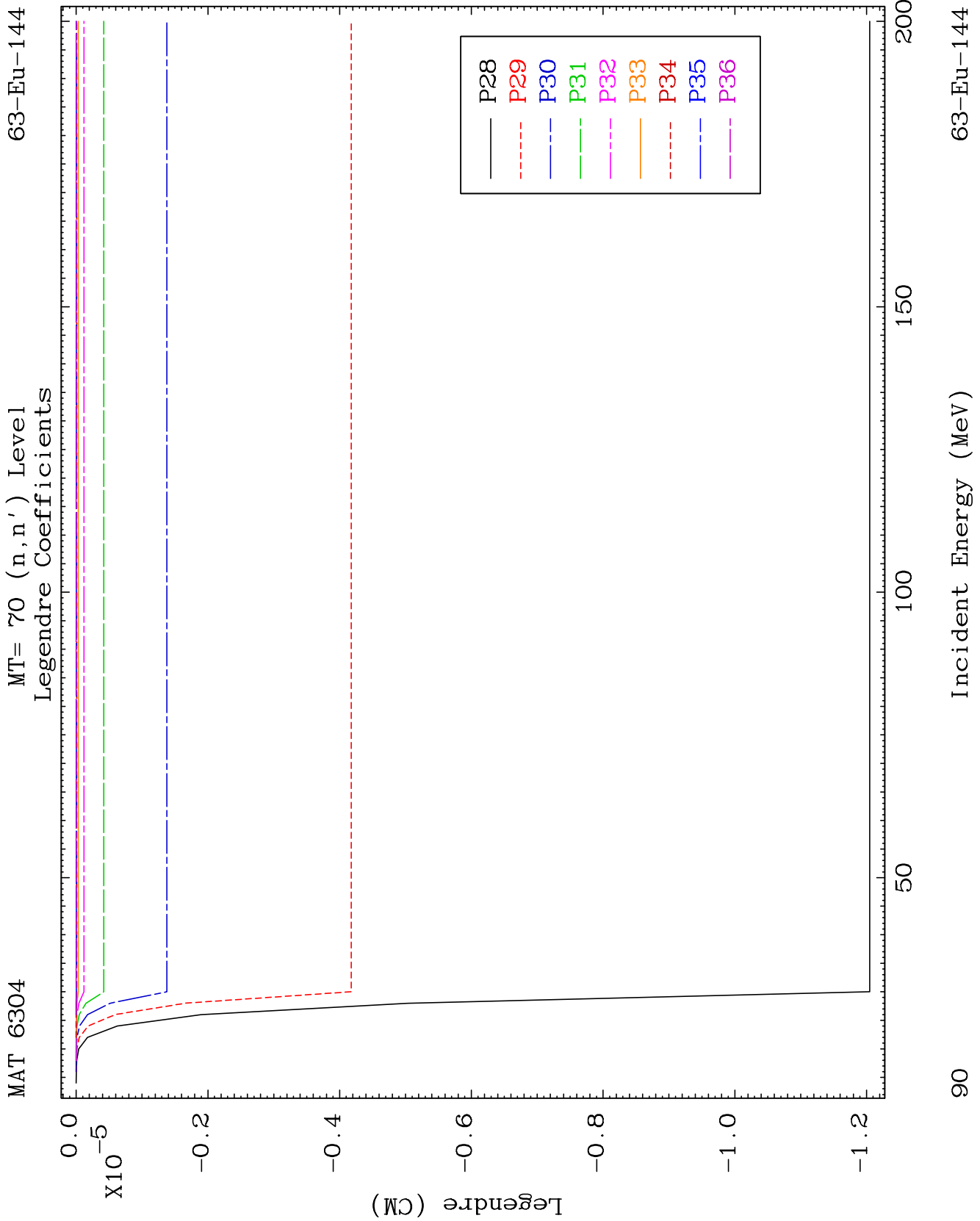


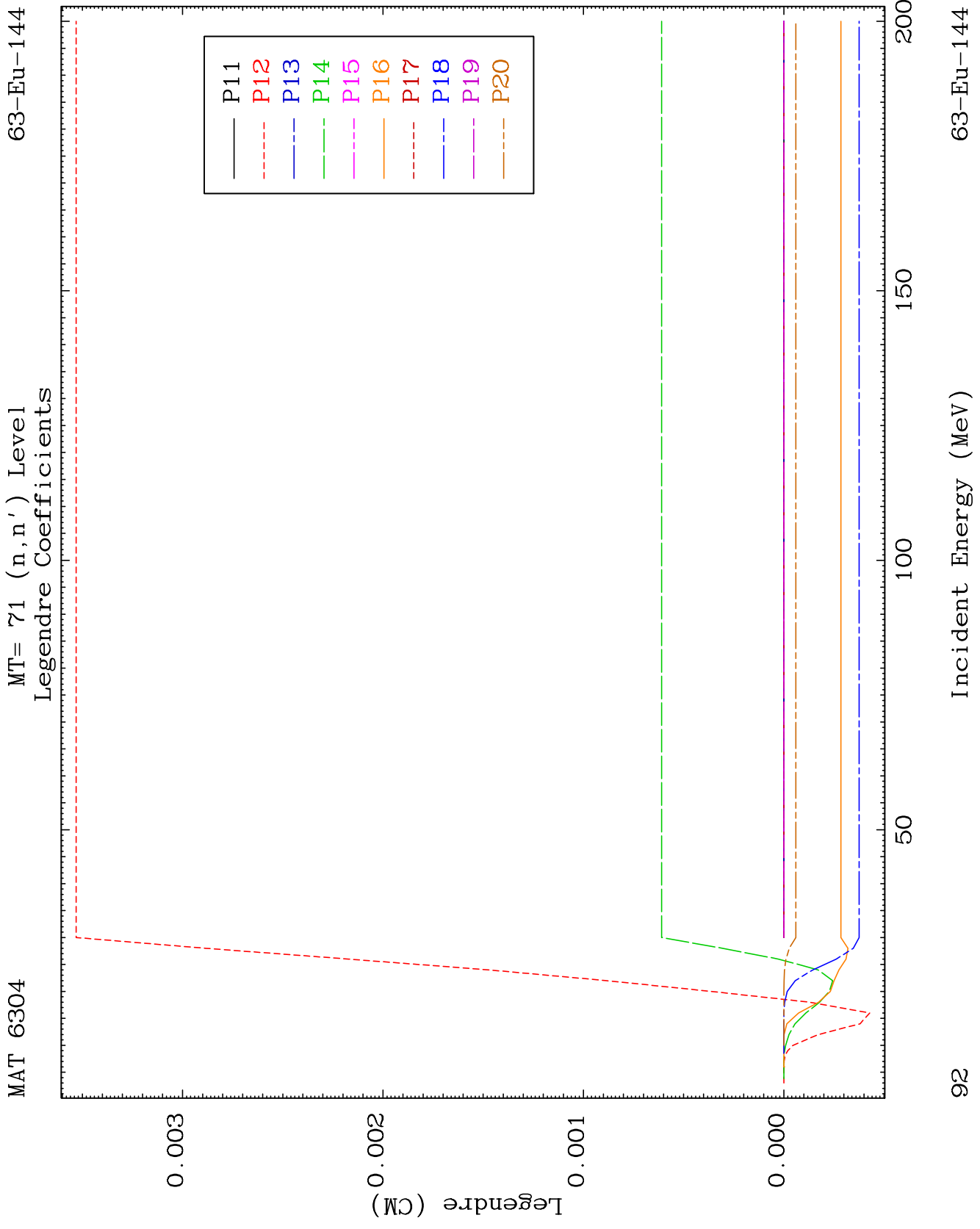
88

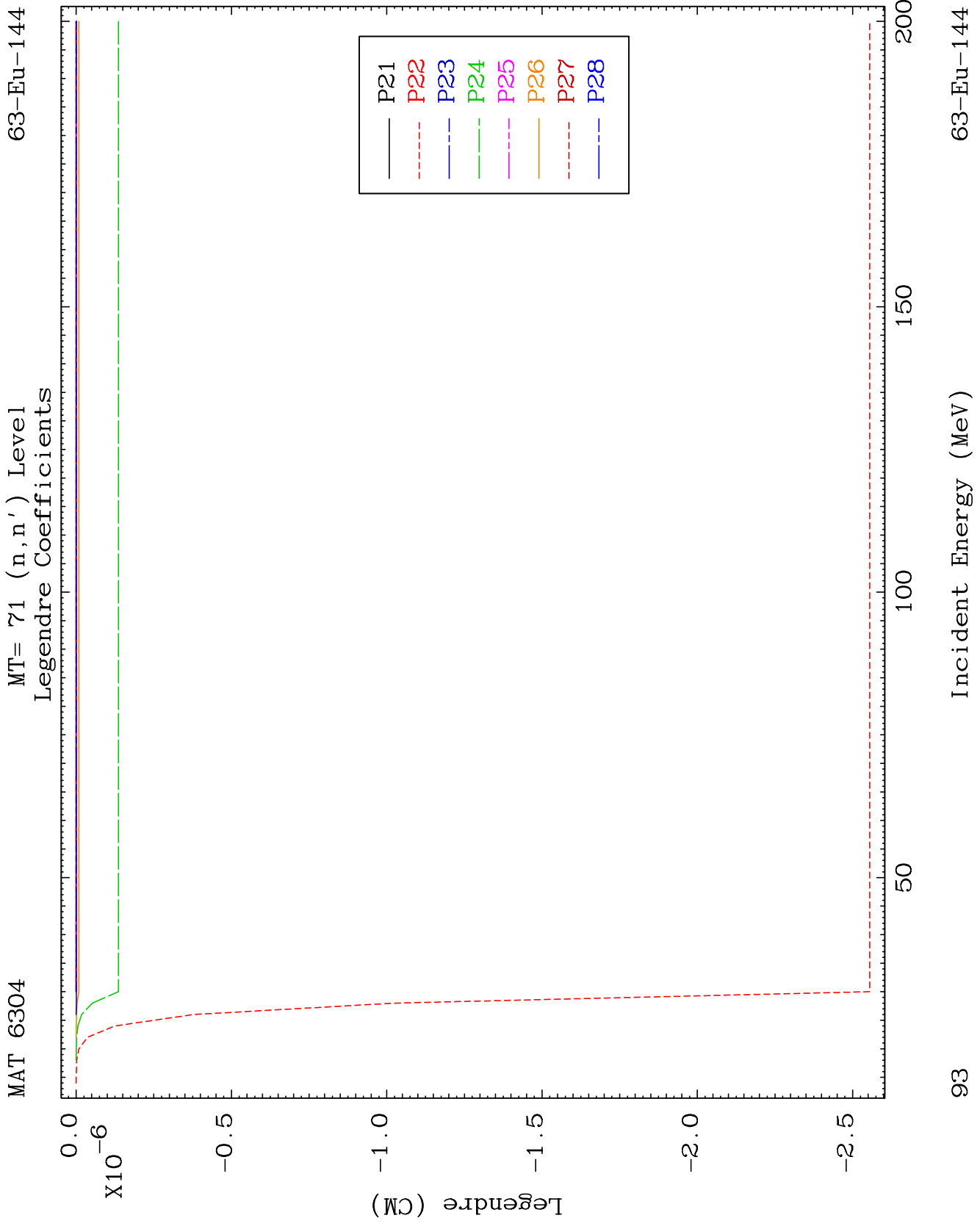
Incident Energy (MeV)

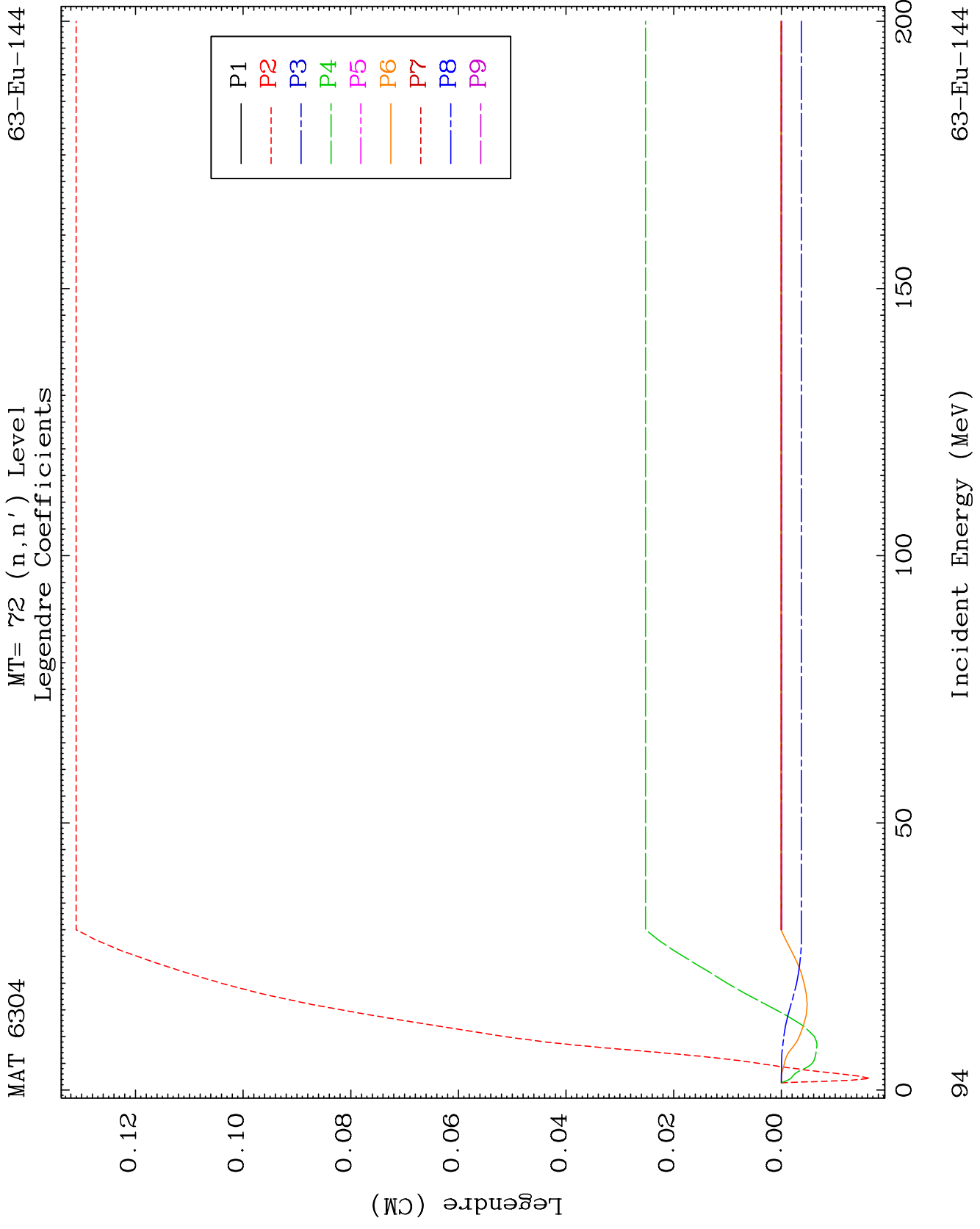
63-Eu-144







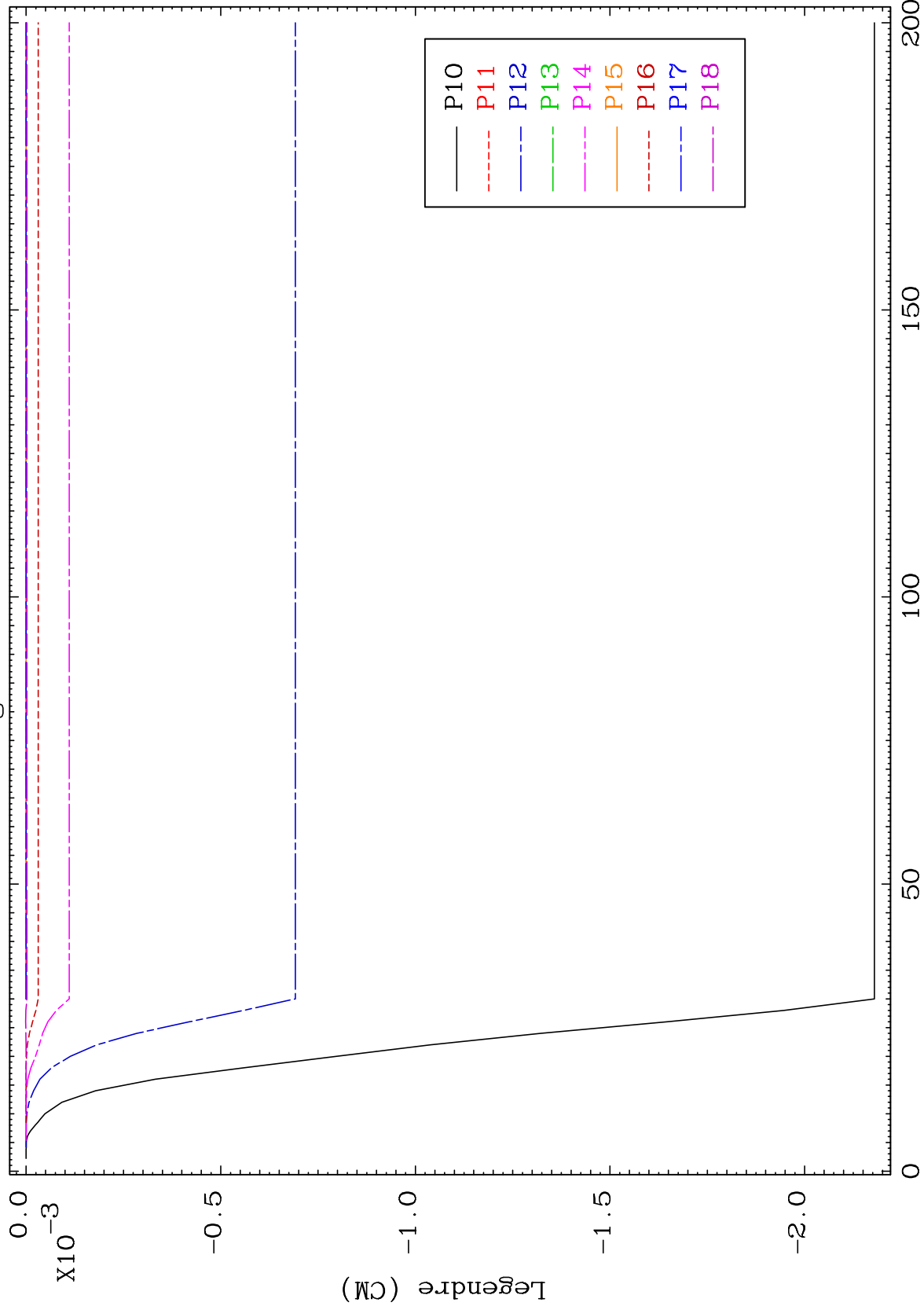




MAT 6304

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

63-Eu-144



95

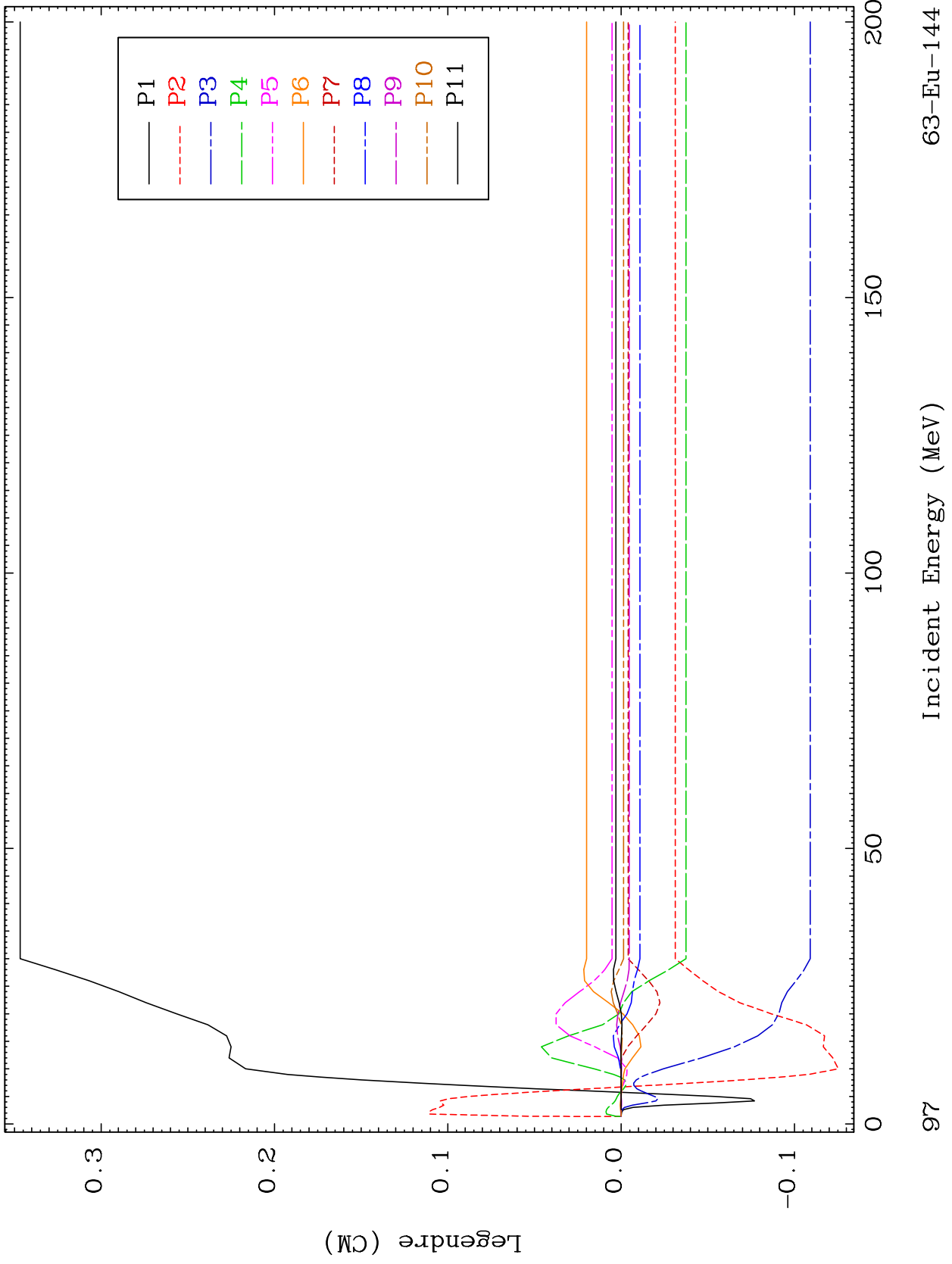
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



97

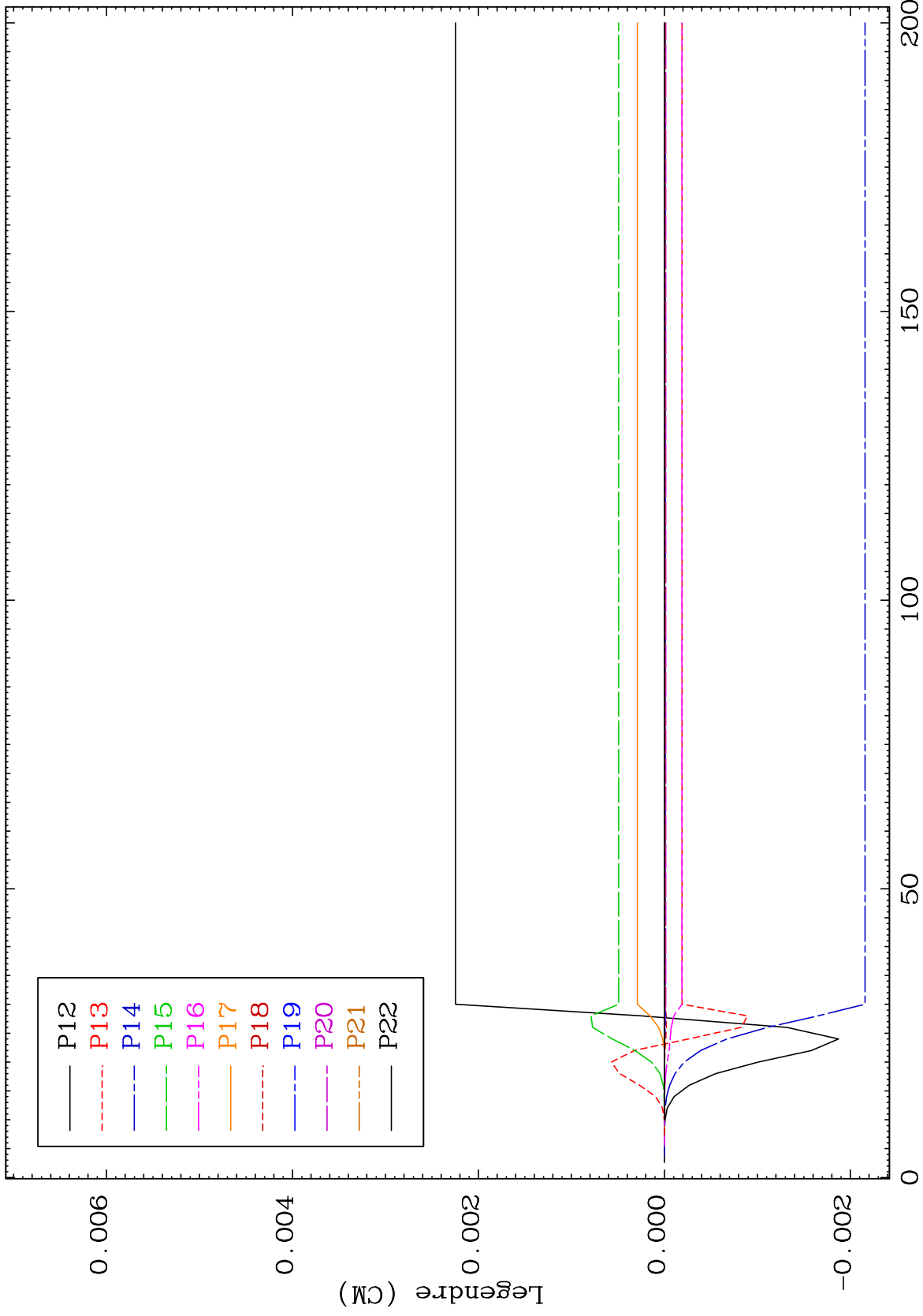
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



98

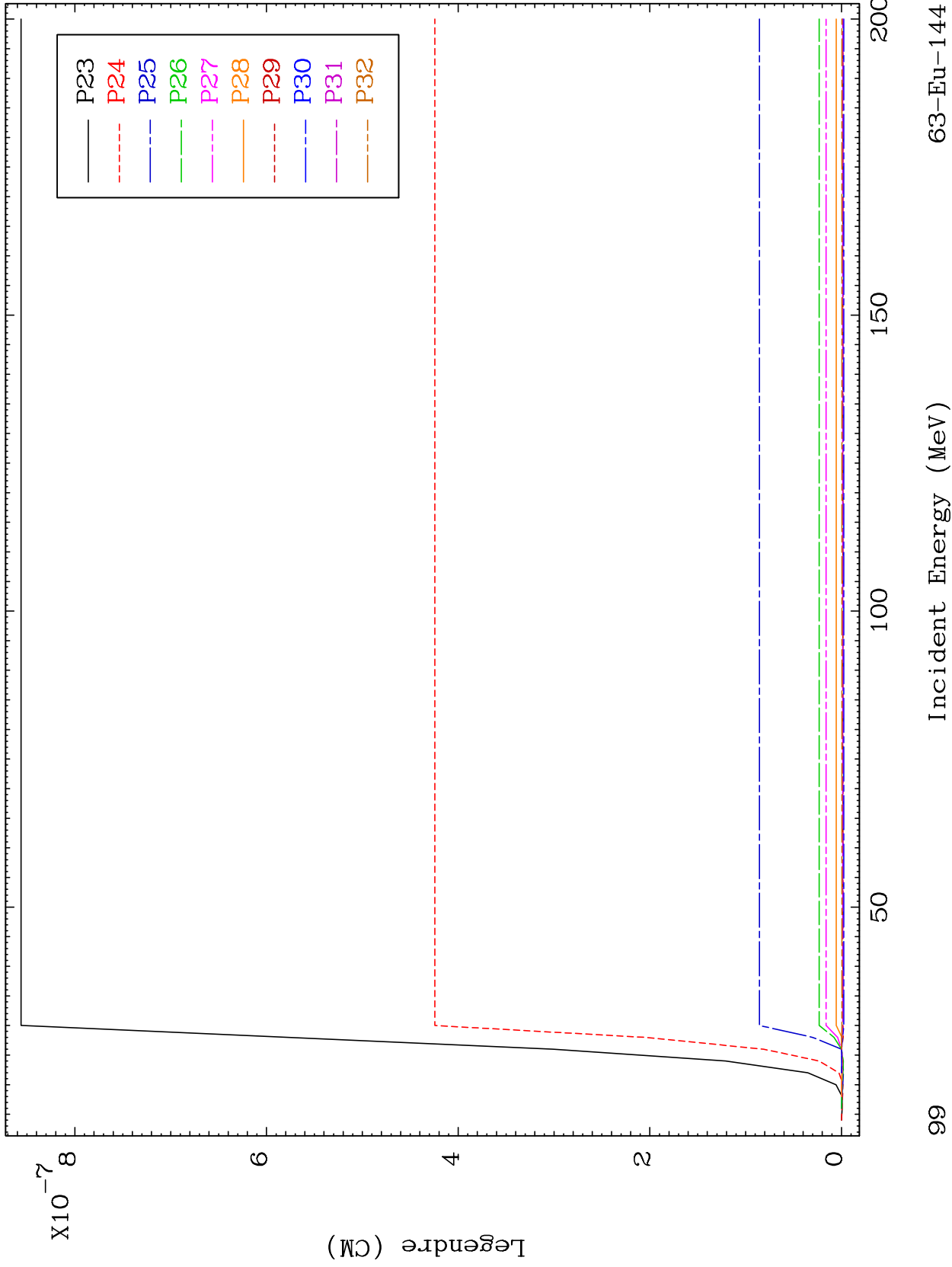
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

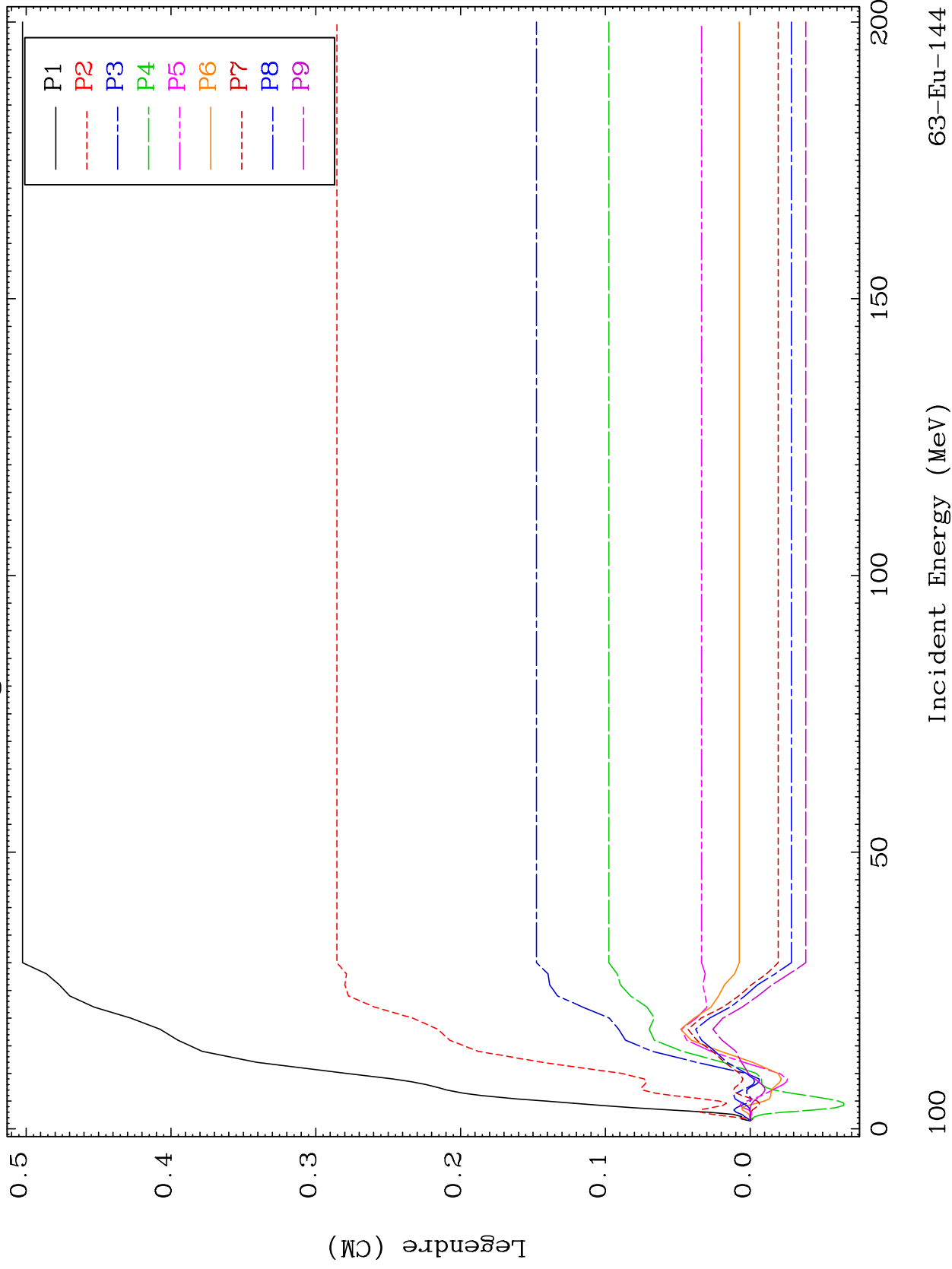
63-Eu-144



MAT 6304

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

63-Eu-144

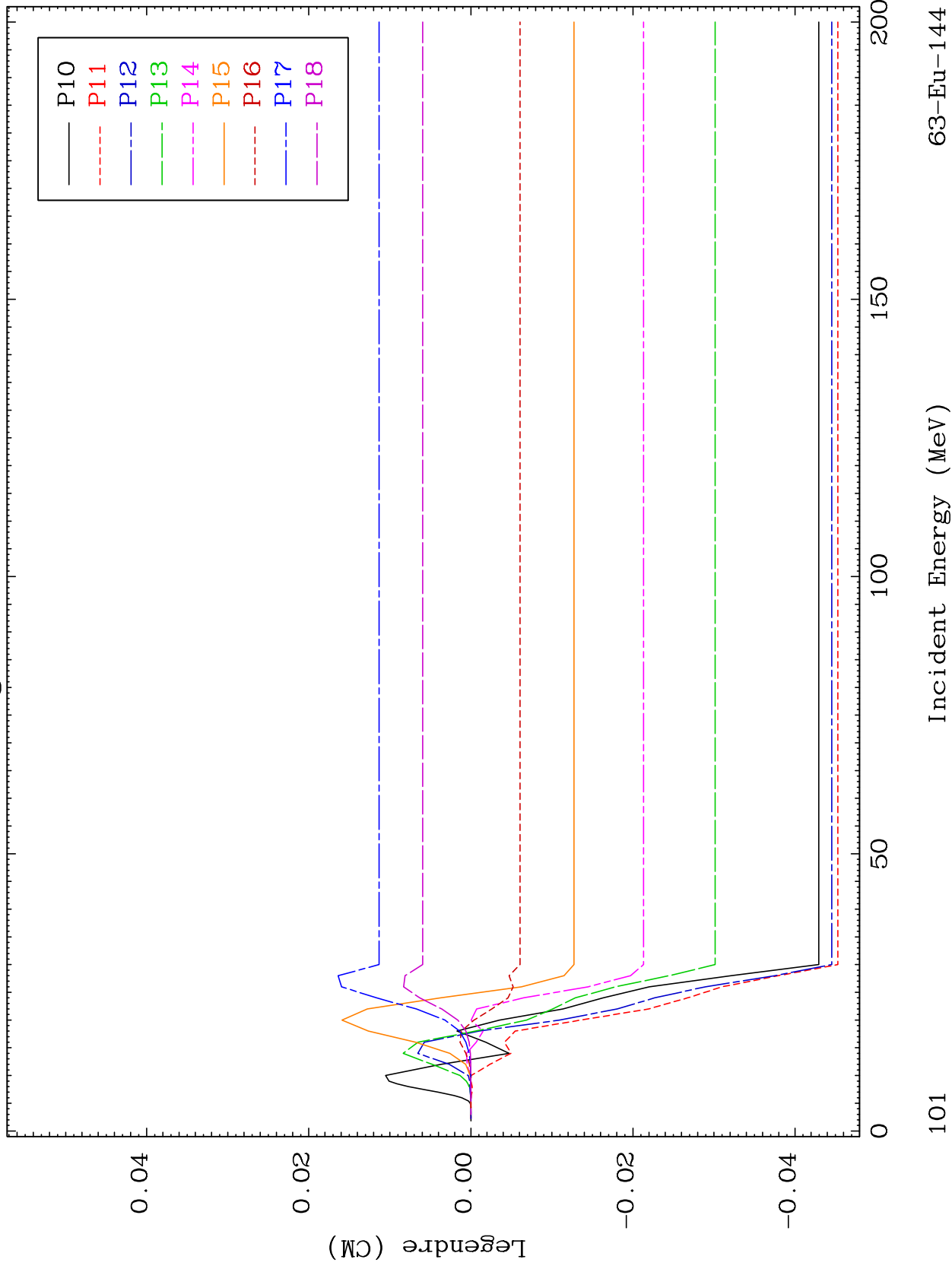


63-Eu-144

MAT 6304

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

63-Eu-144



63-Eu-144

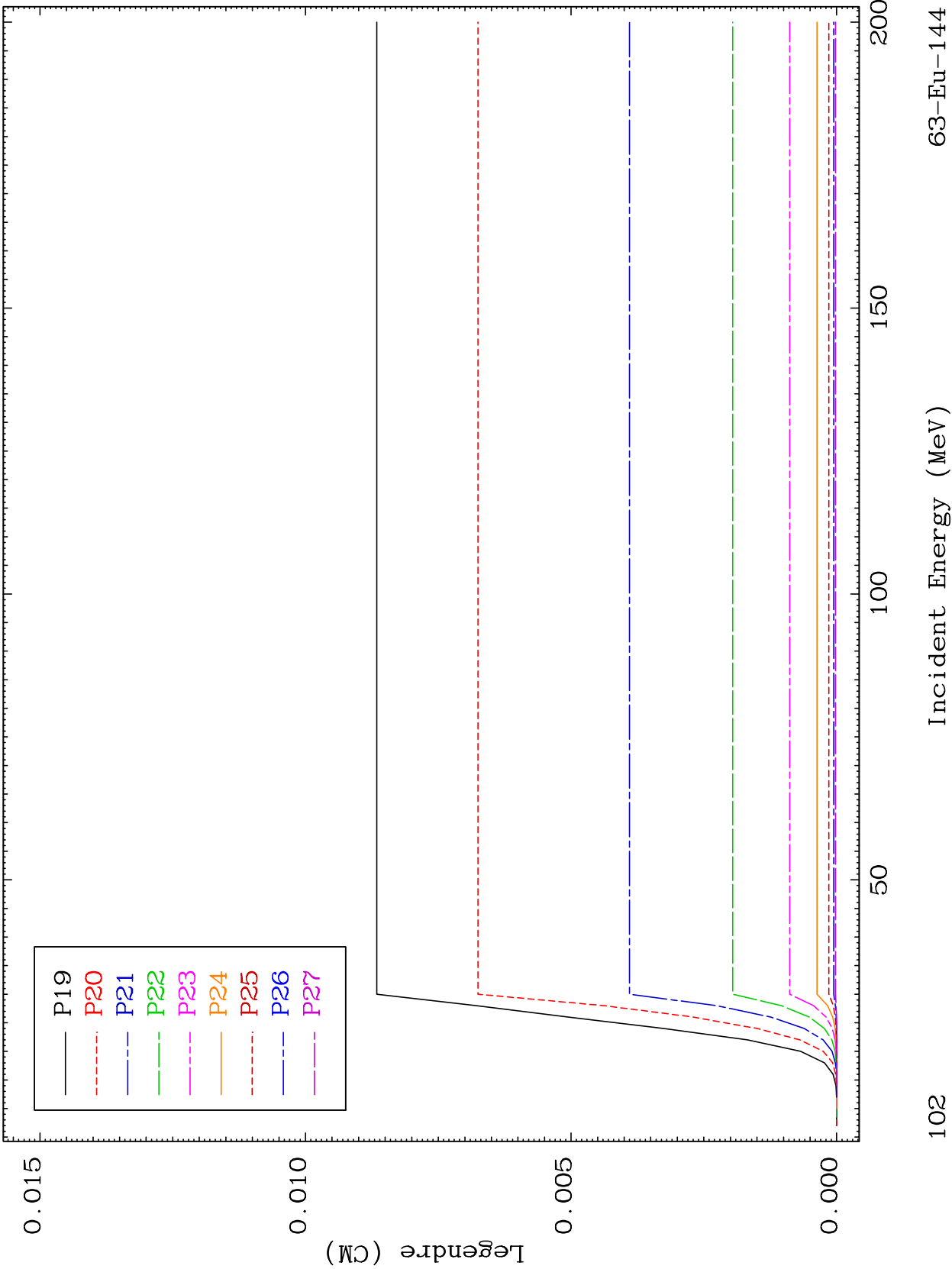
Incident Energy (MeV)

101

MAT 6304

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

63-Eu-144



102

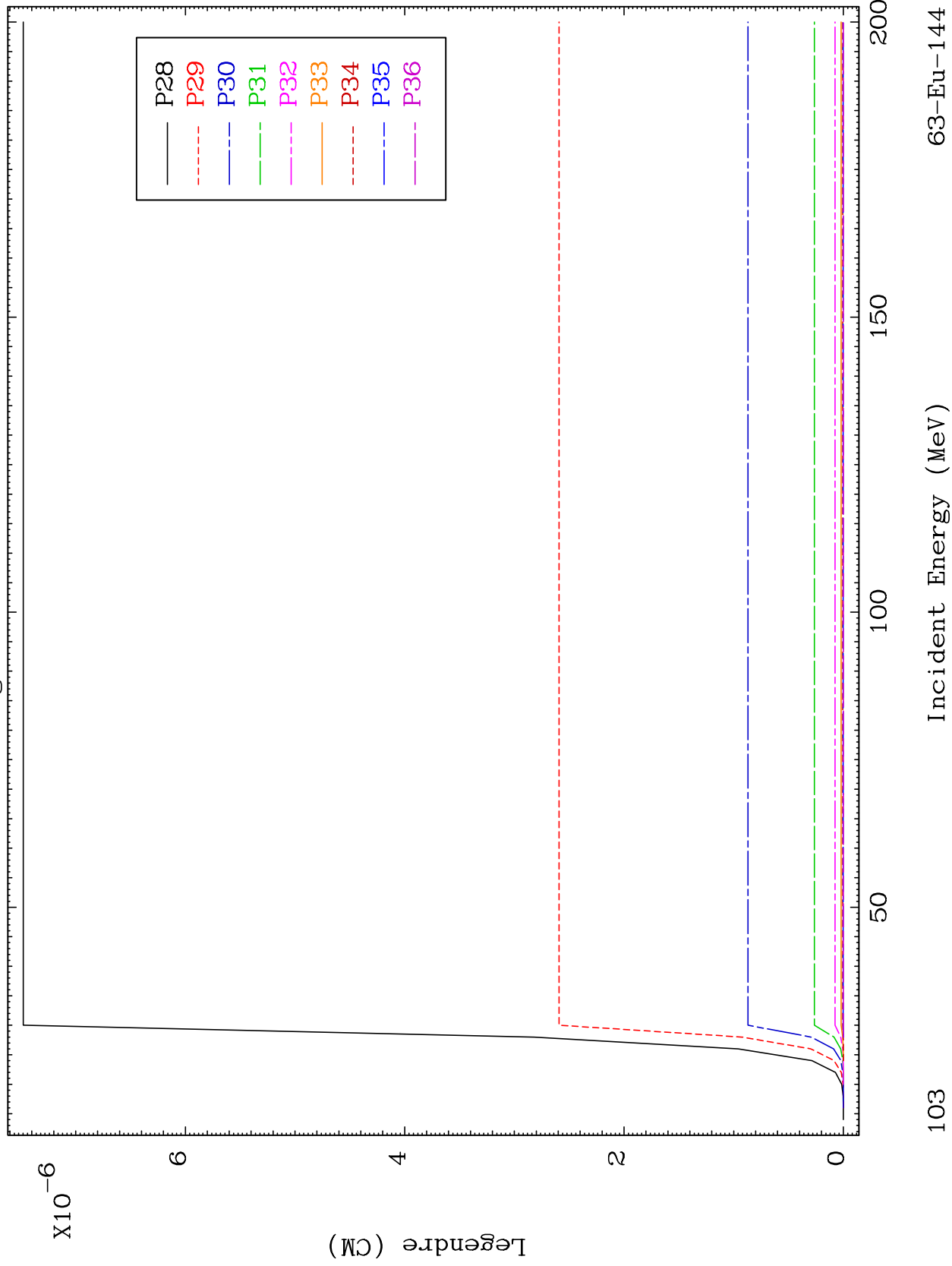
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



103

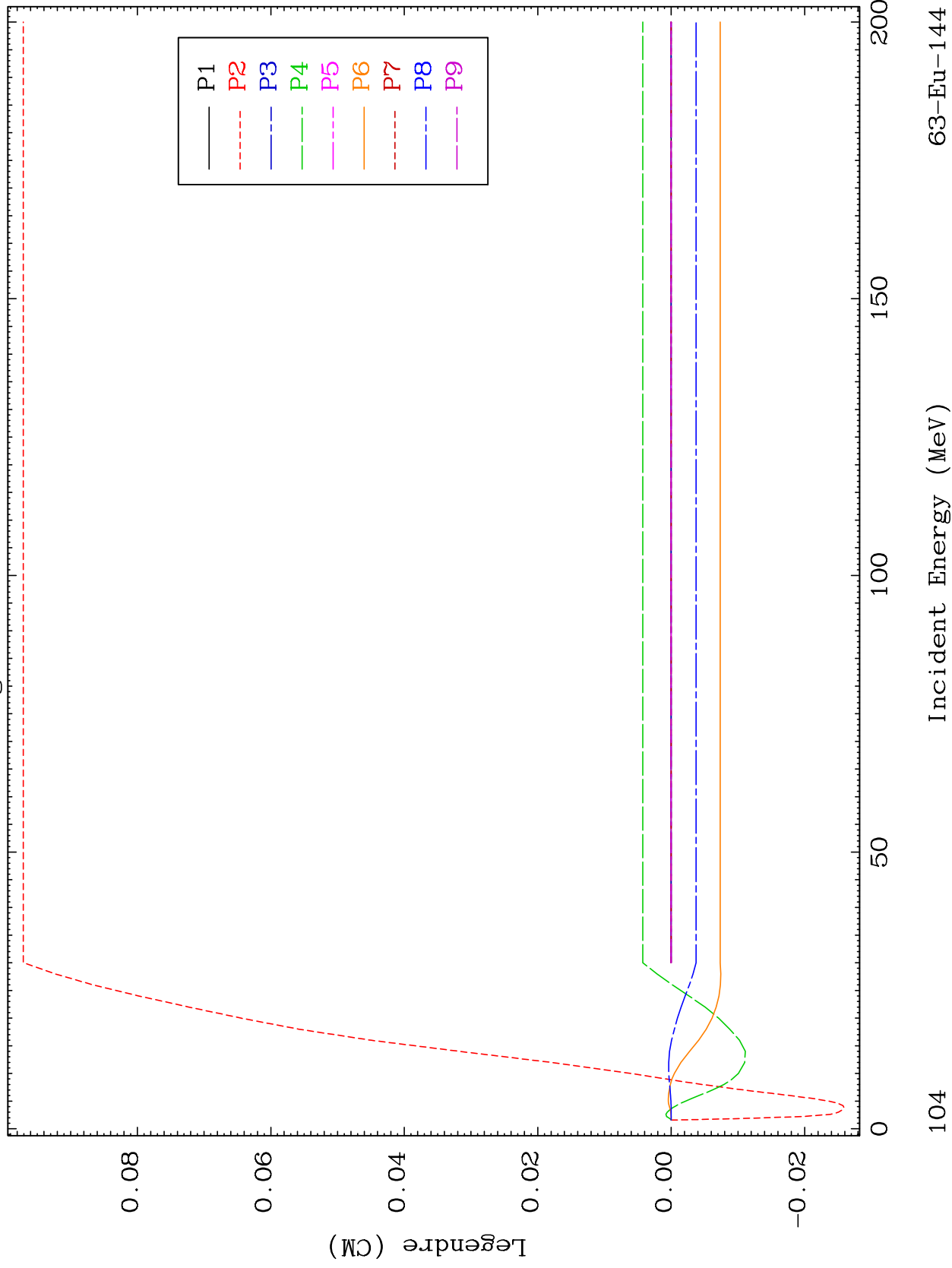
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



104

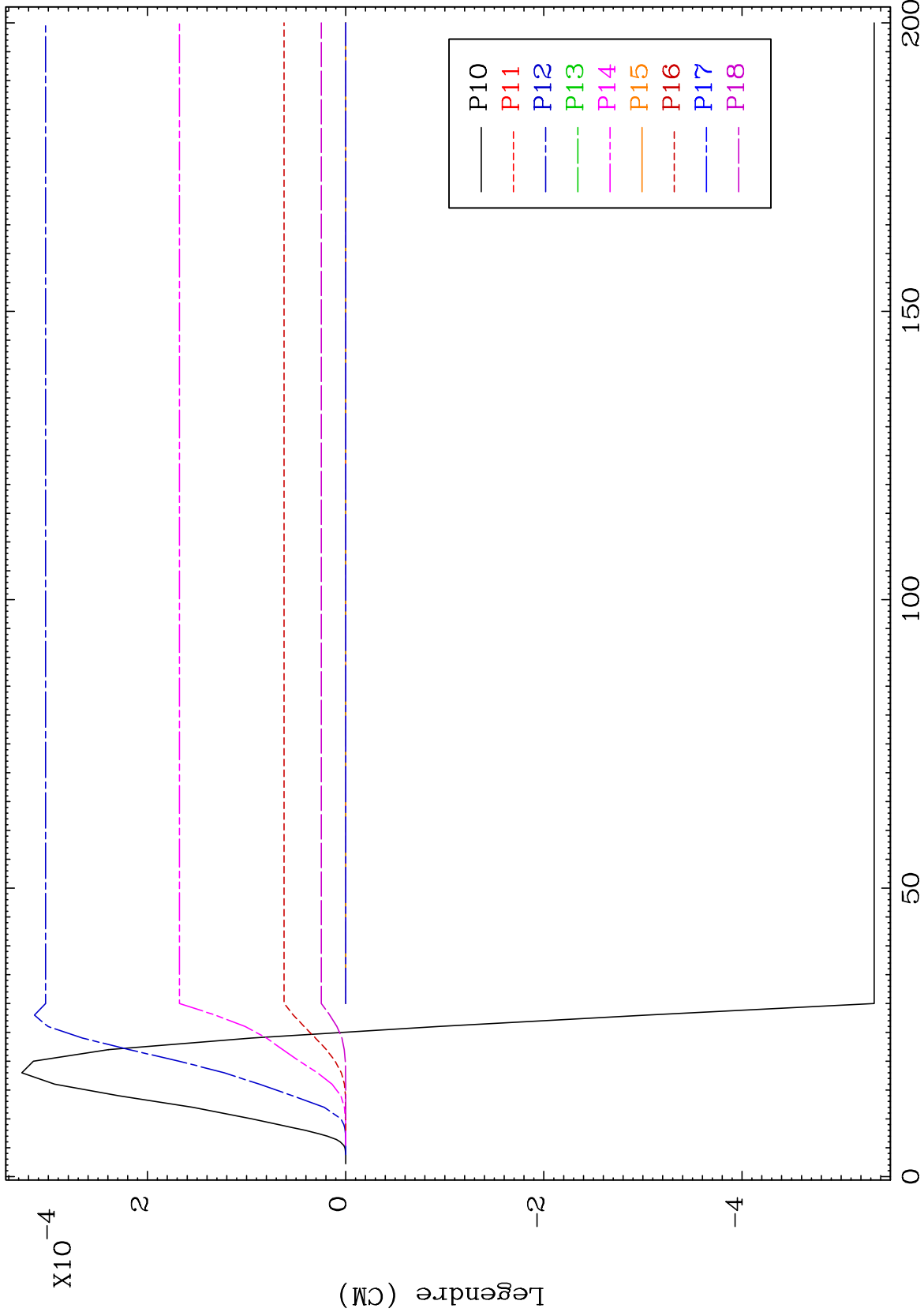
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



105

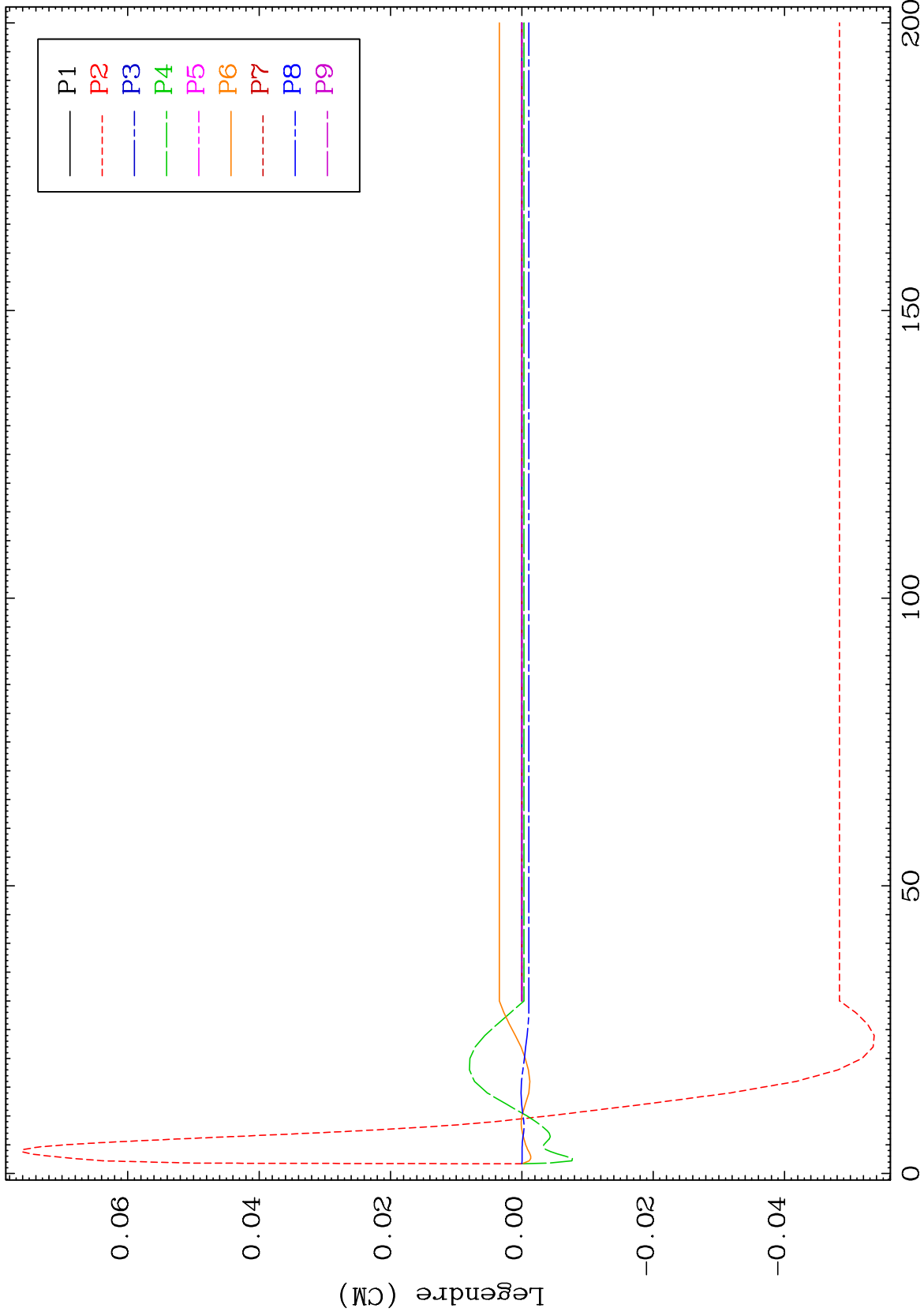
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



63-Eu-144

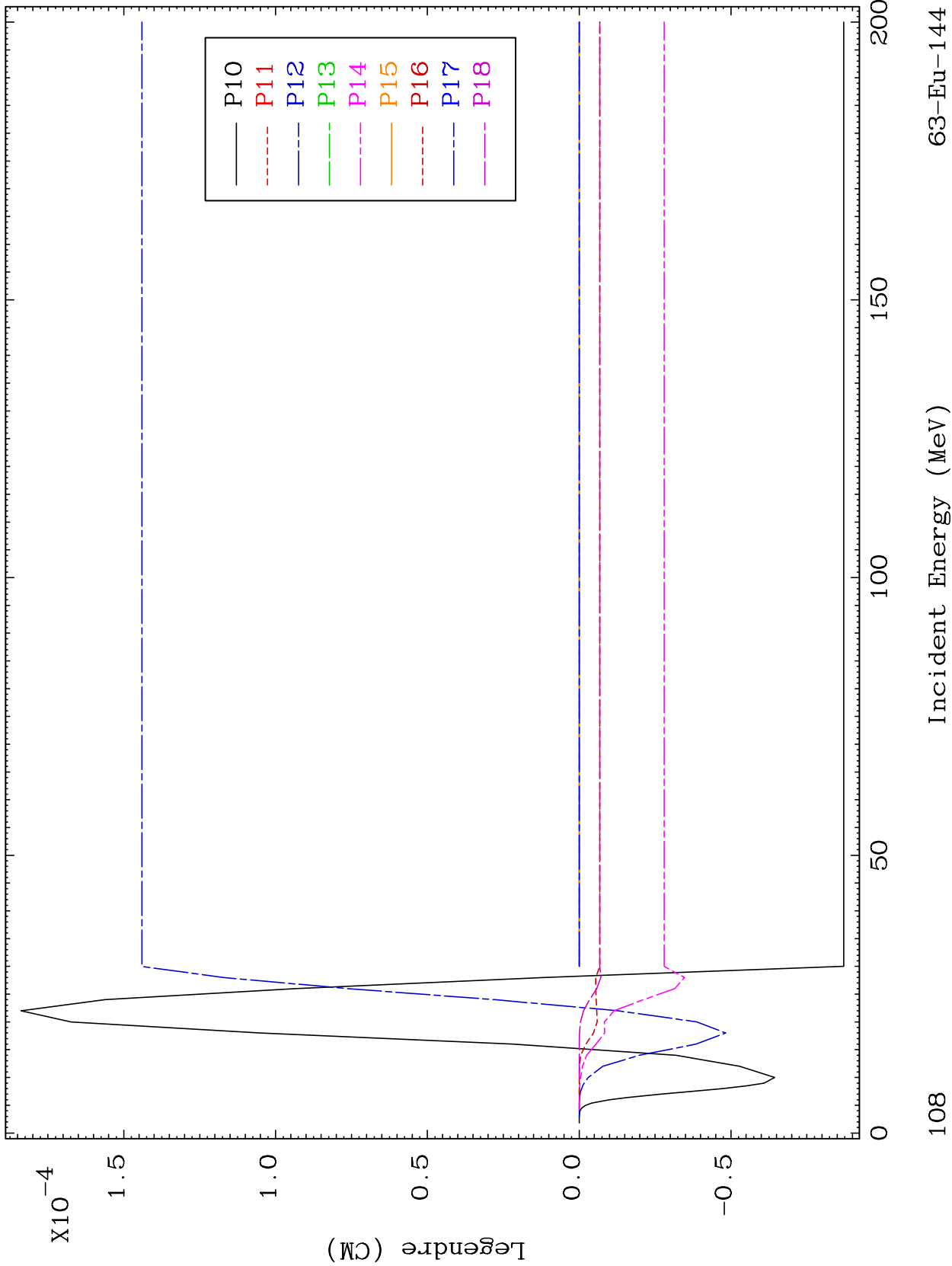
Incident Energy (MeV)

107

MAT 6304

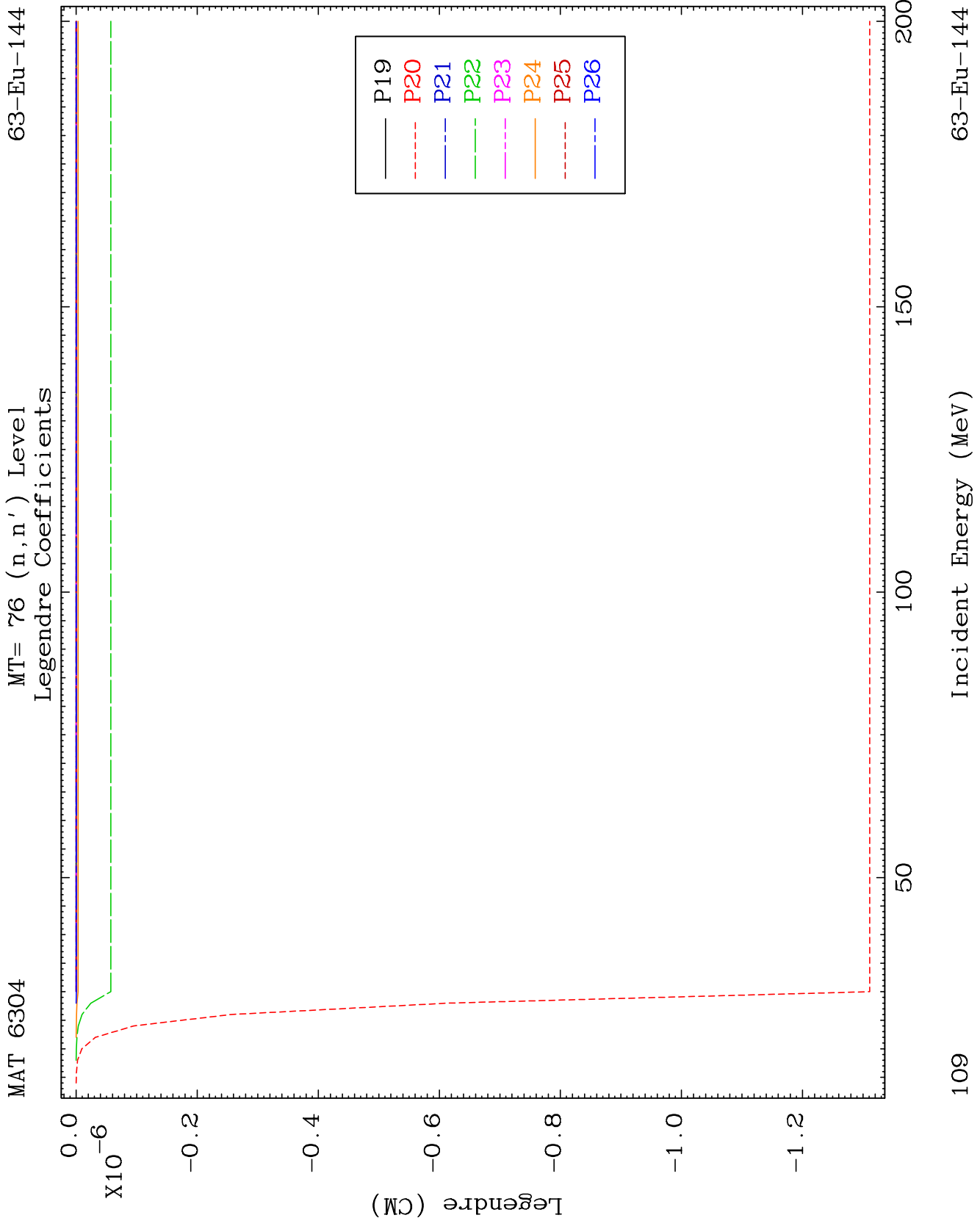
MT= 76 (n,n') Level
Legendre Coefficients

63-Eu-144



108

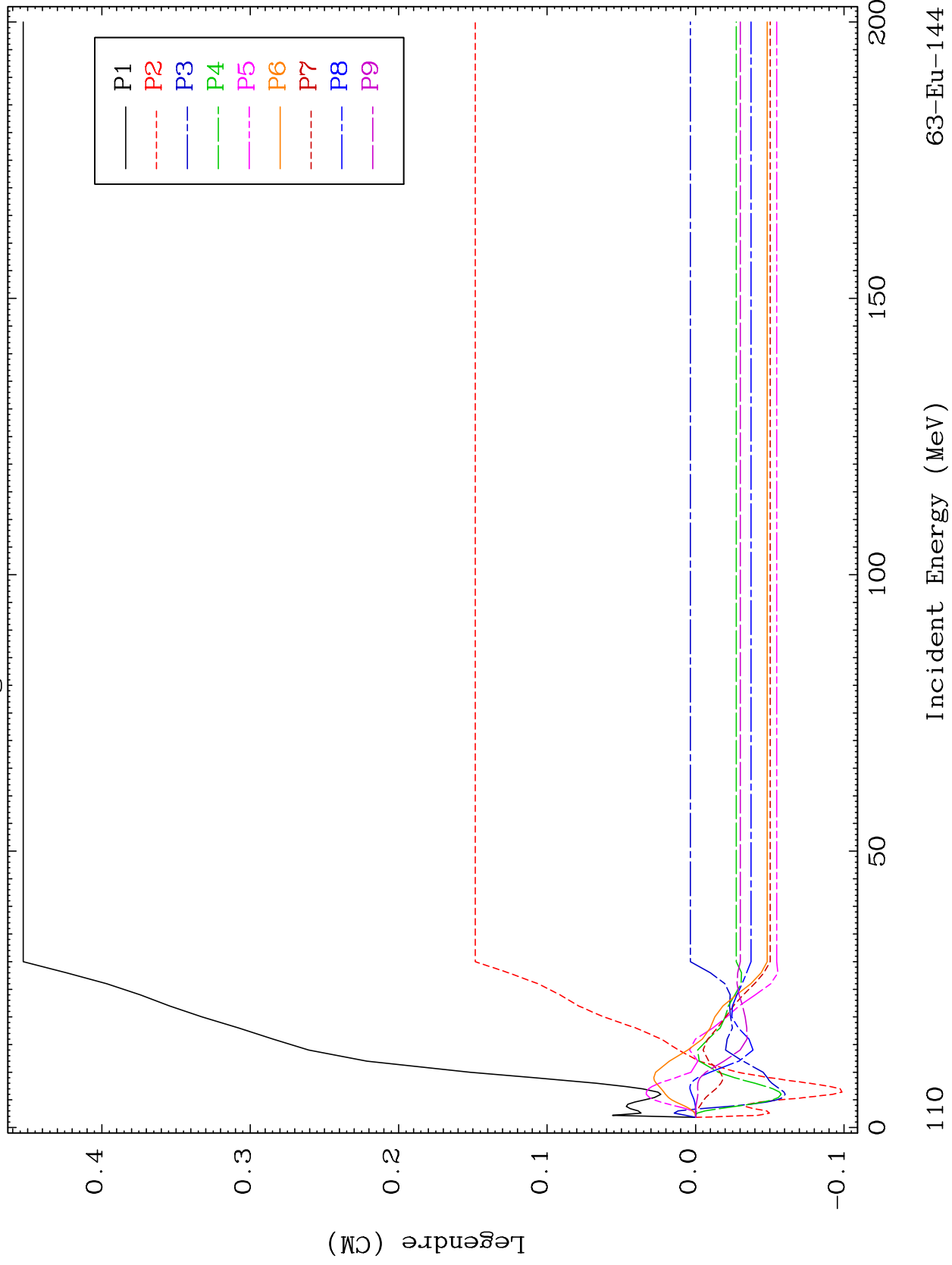
63-Eu-144



MAT 6304

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

63-Eu-144



63-Eu-144

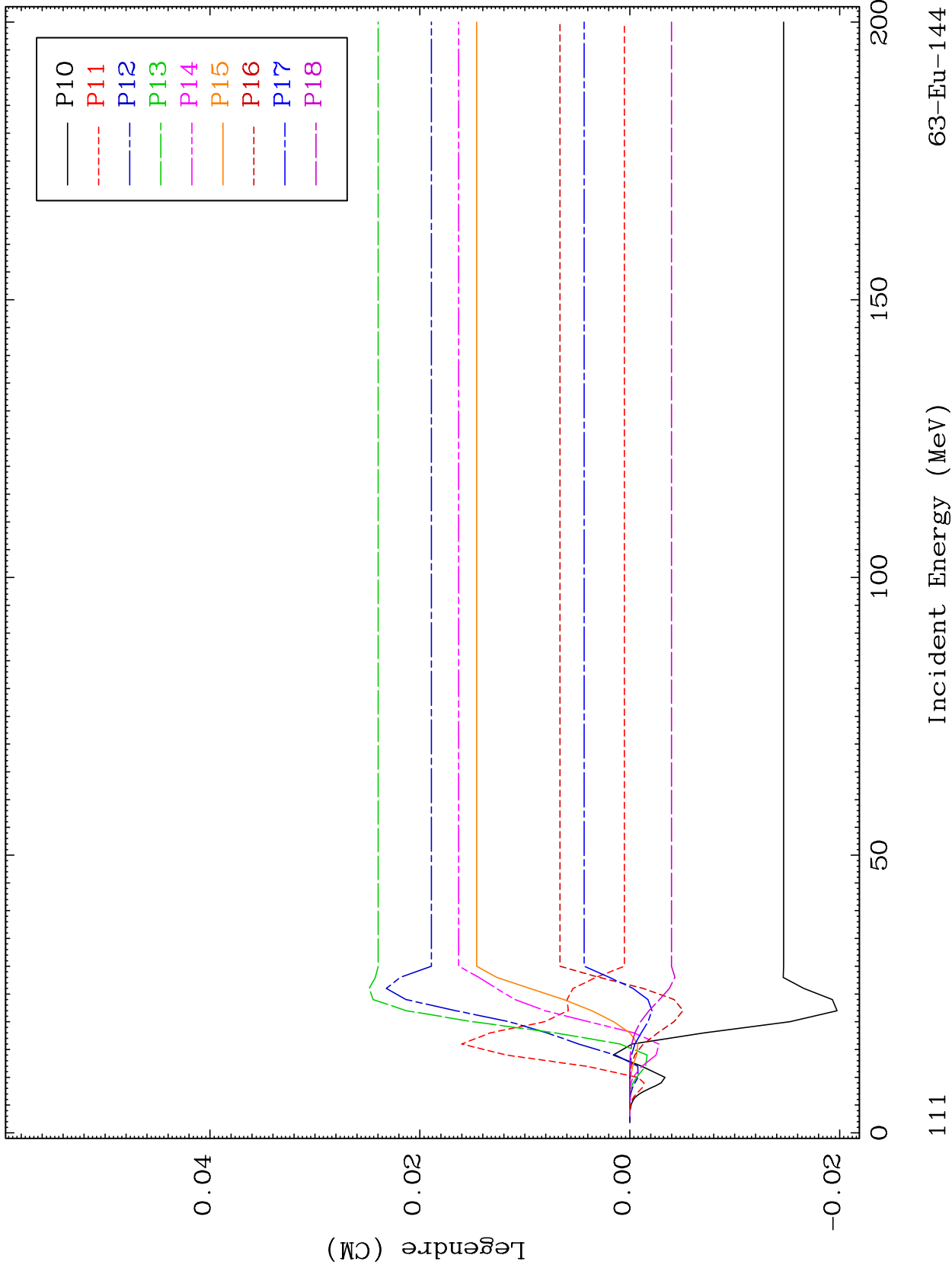
Incident Energy (MeV)

110

MAT 6304

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

63-Eu-144



111

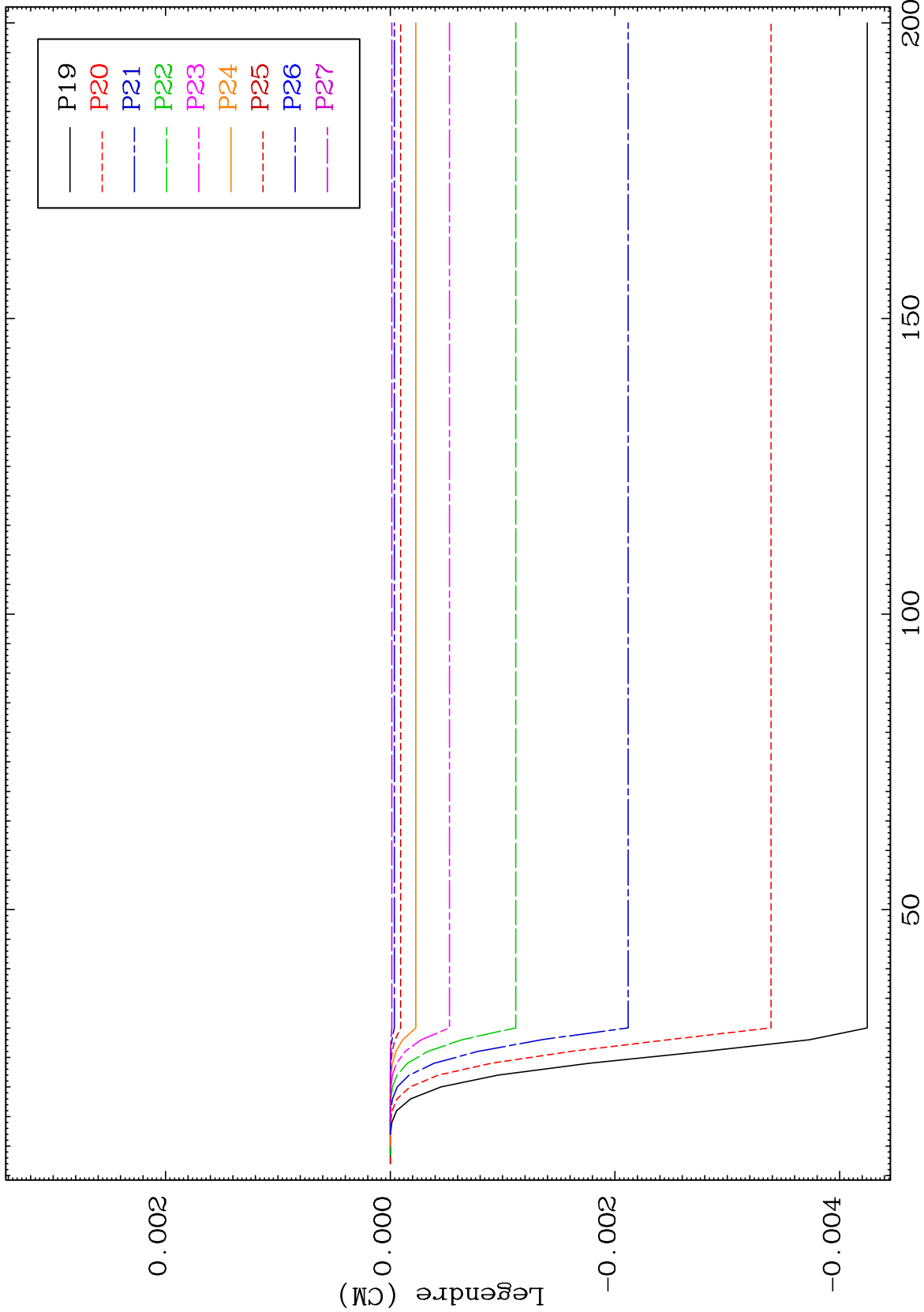
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

63-Eu-144



112

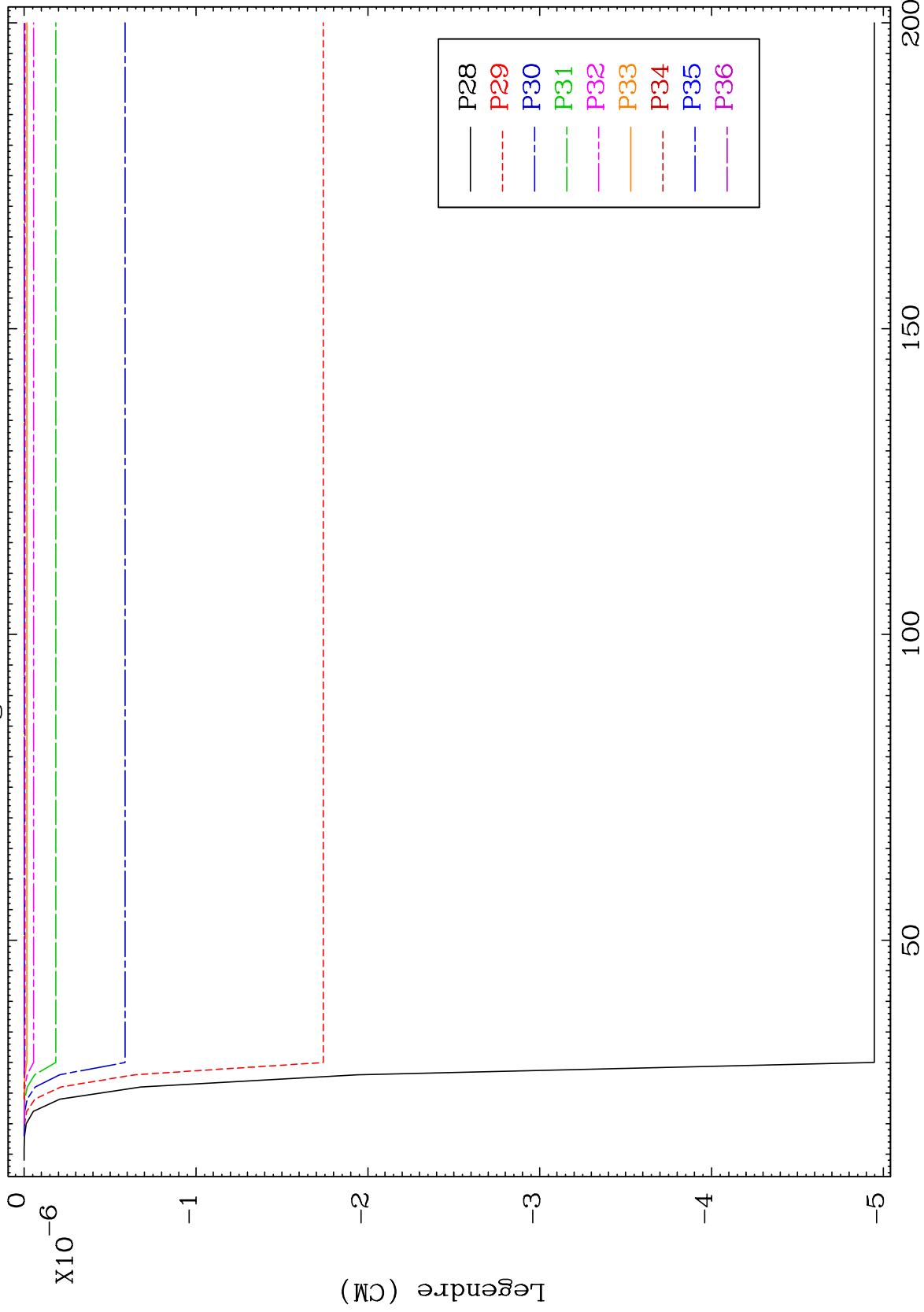
Incident Energy (MeV)

63-Eu-144

MAT 6304

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

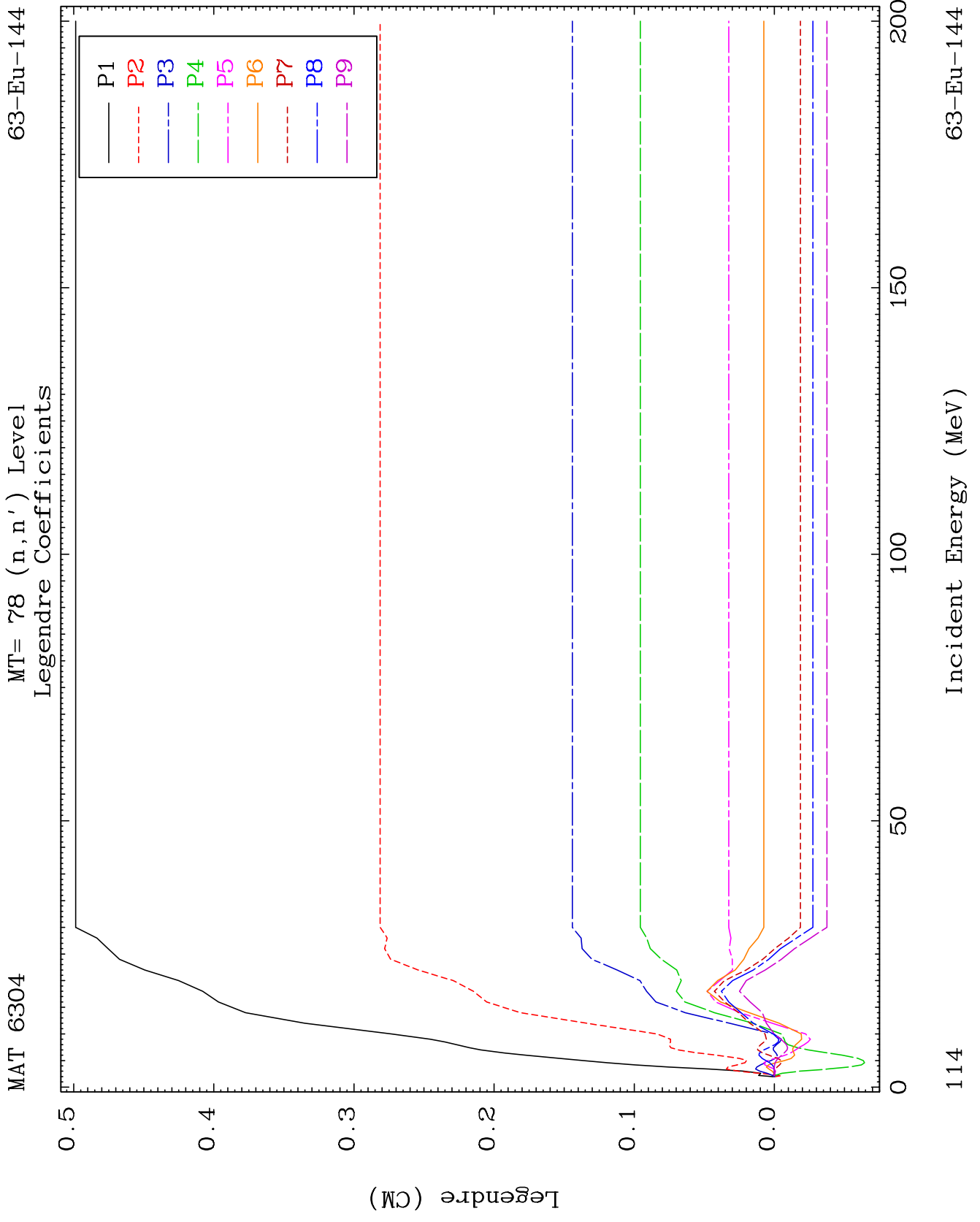
63-Eu-144



113

Incident Energy (MeV)

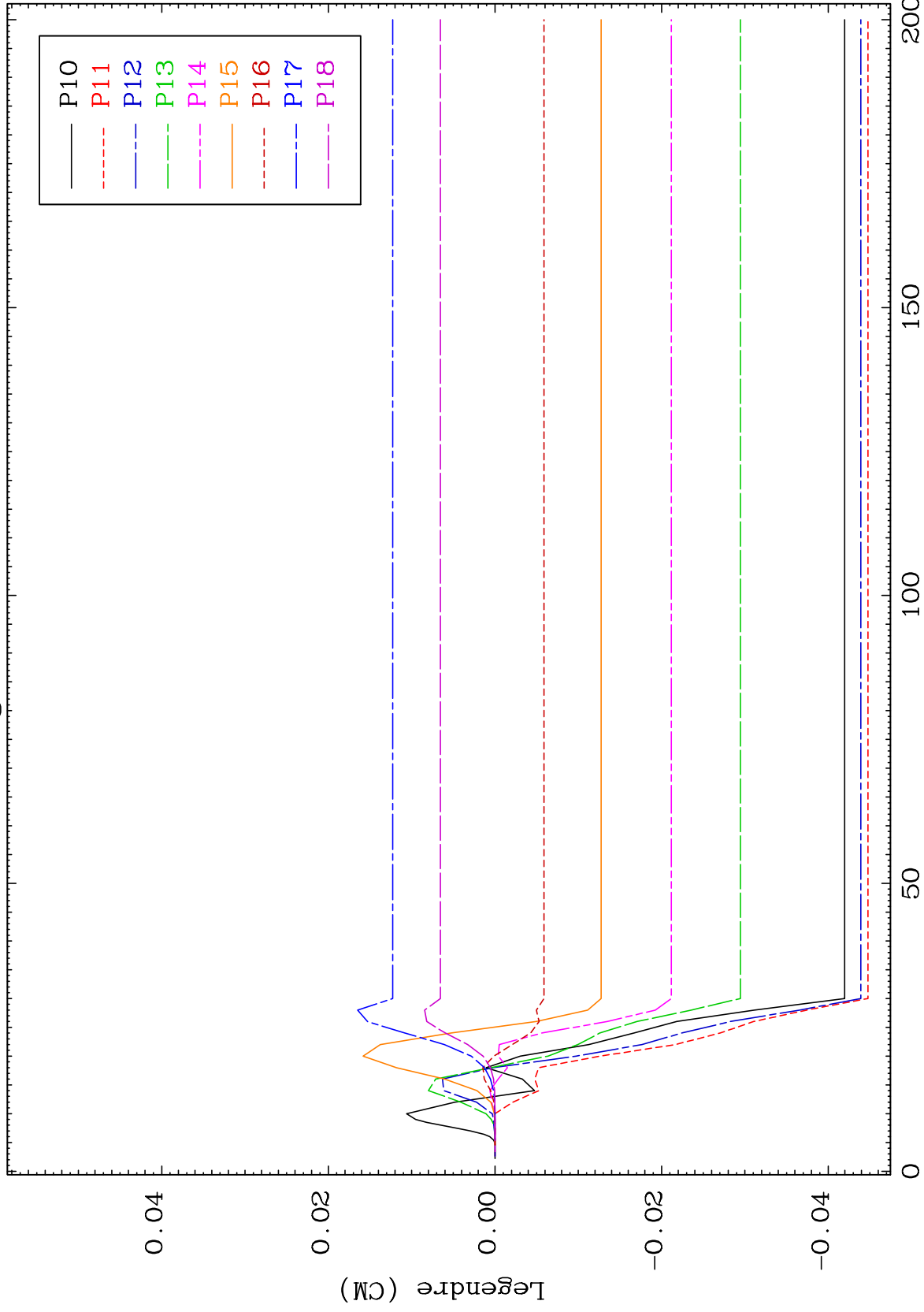
63-Eu-144



MAT 6304

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

63-Eu-144



63-Eu-144

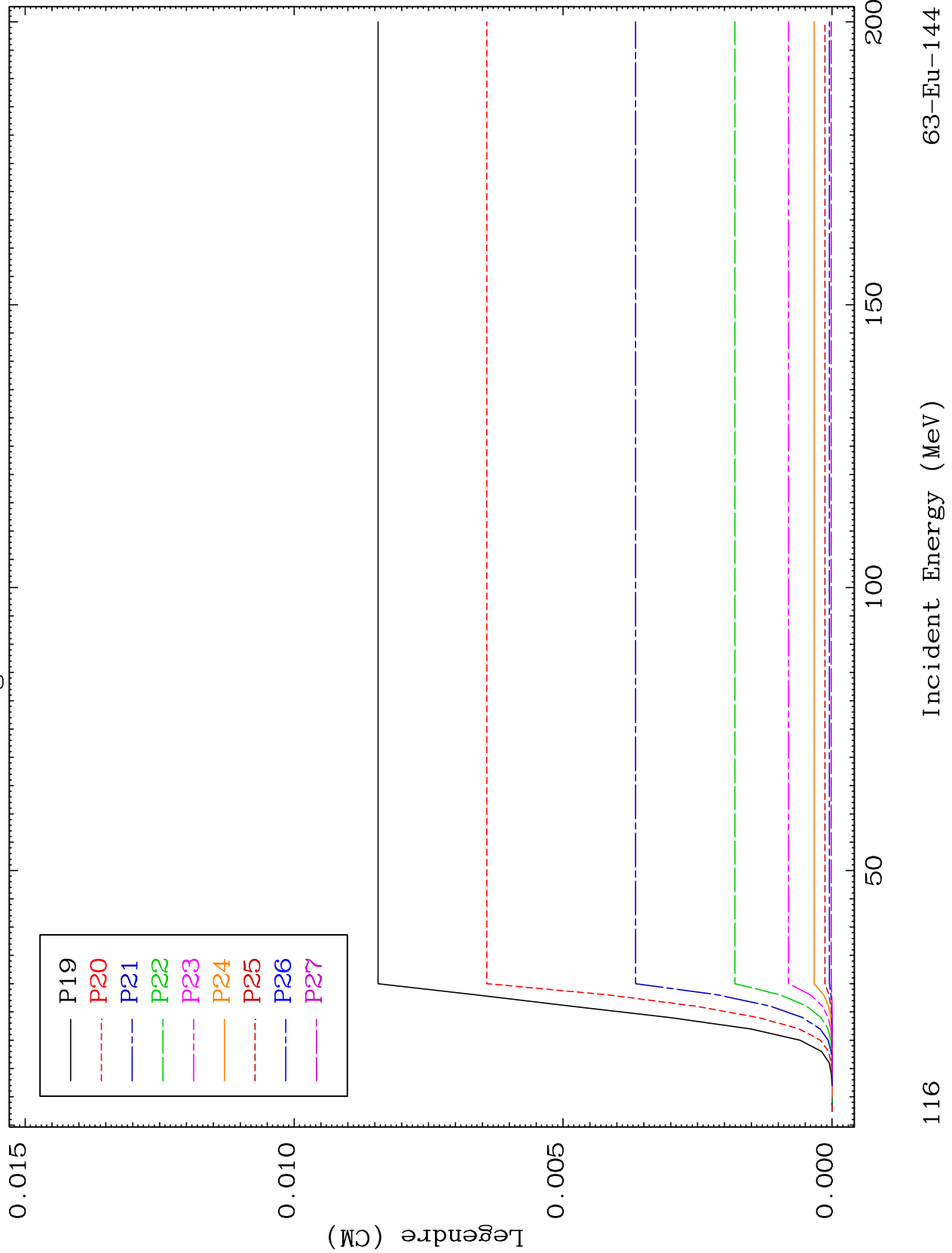
Incident Energy (MeV)

115

MAT 6304

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

63-Eu-144



116

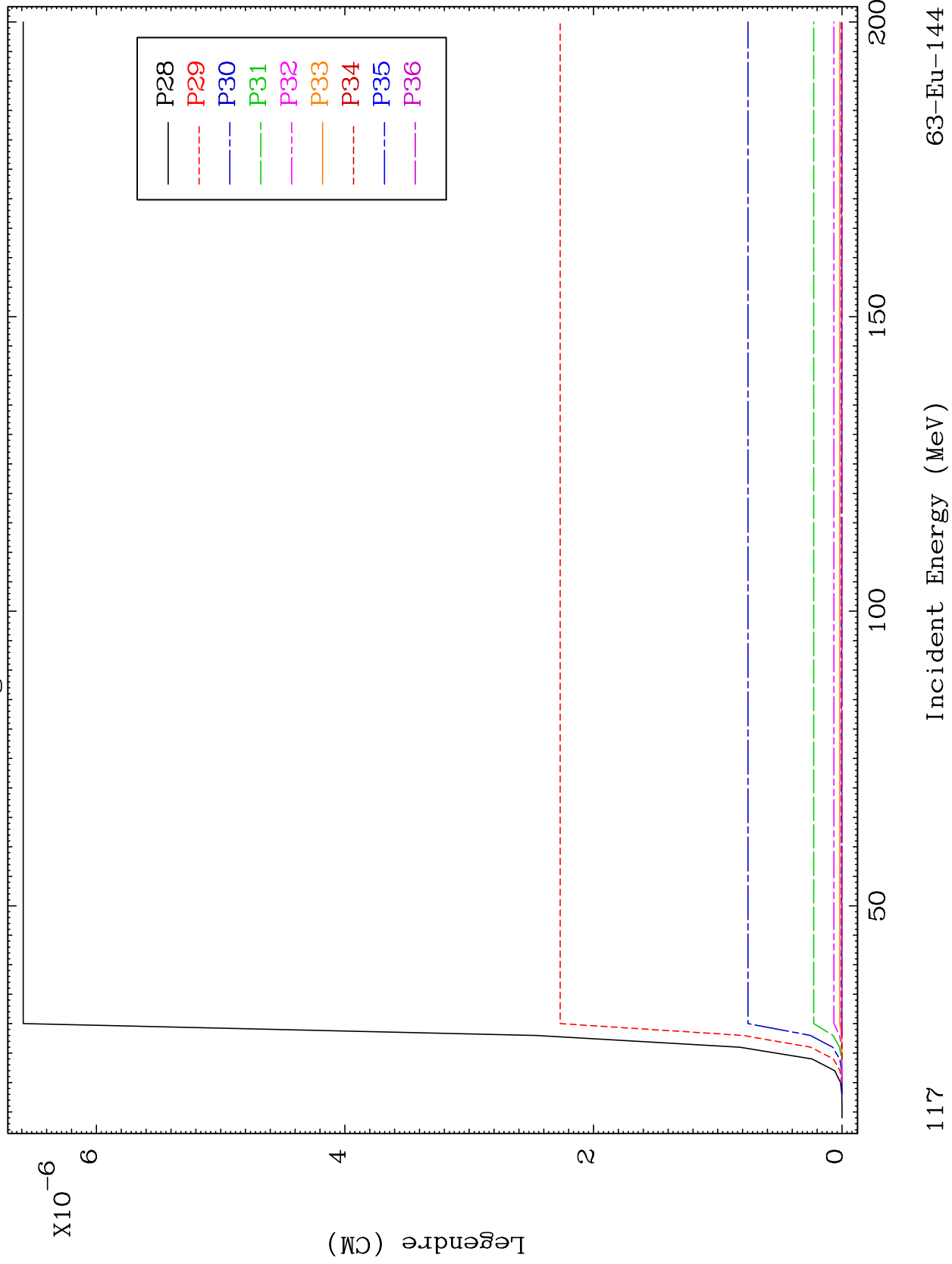
Incident Energy (MeV)

63-Eu-144

MAT 6304

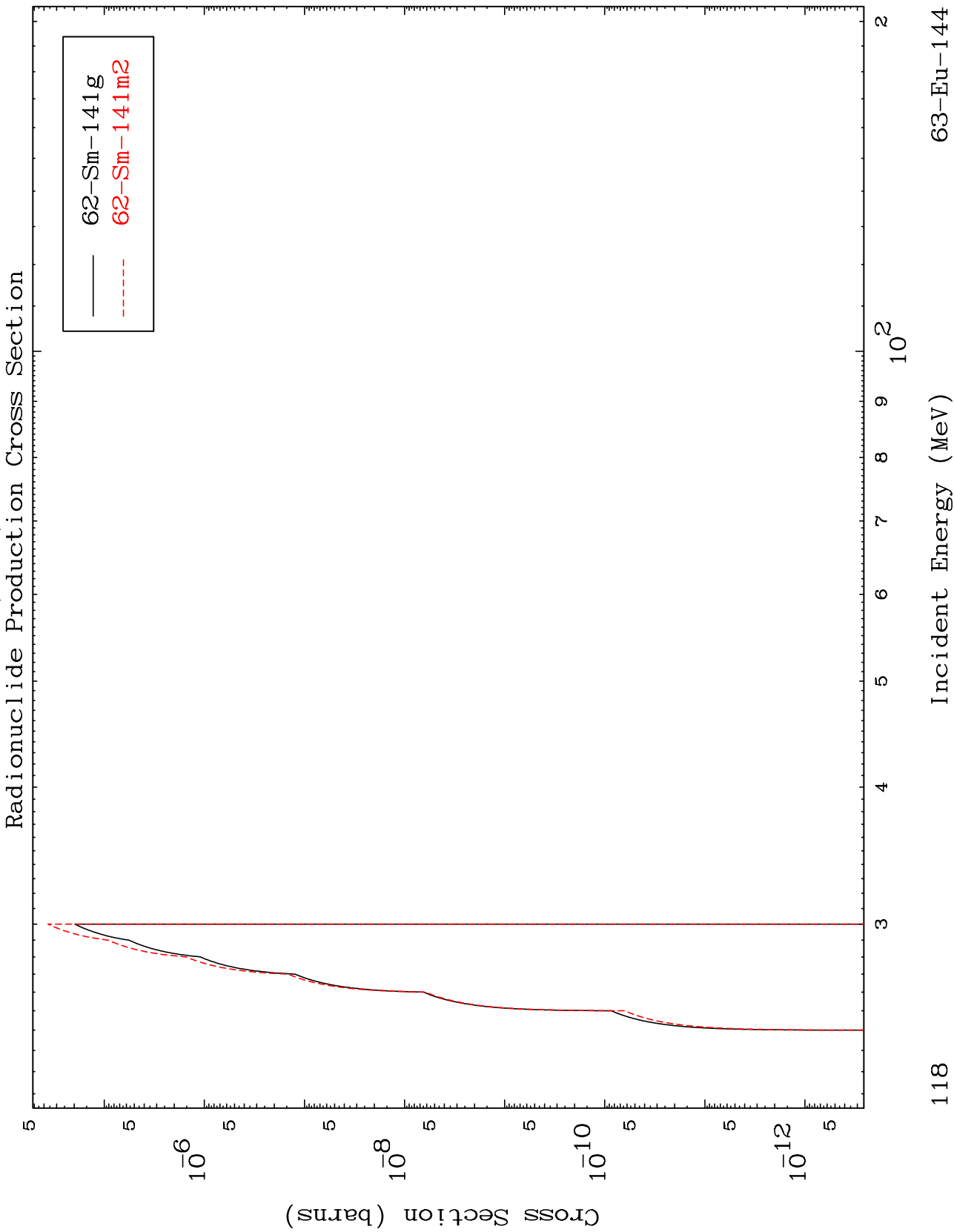
MT= 78 (n,n') Level
Legendre Coefficients

63-Eu-144



117

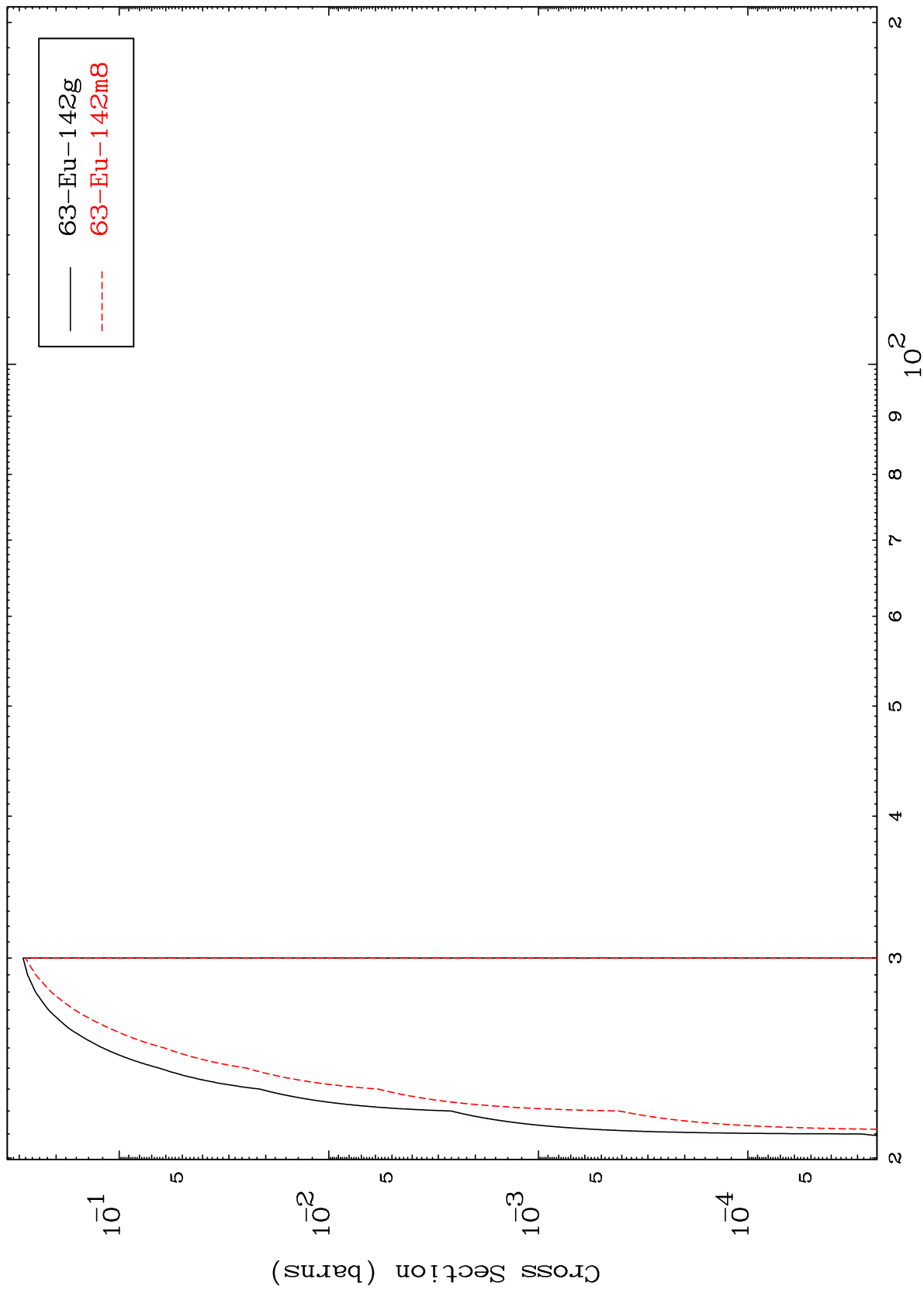
63-Eu-144



MAT 6304

63-Eu-144

(n,3n)
Radionuclide Production Cross Section



119

Incident Energy (MeV)

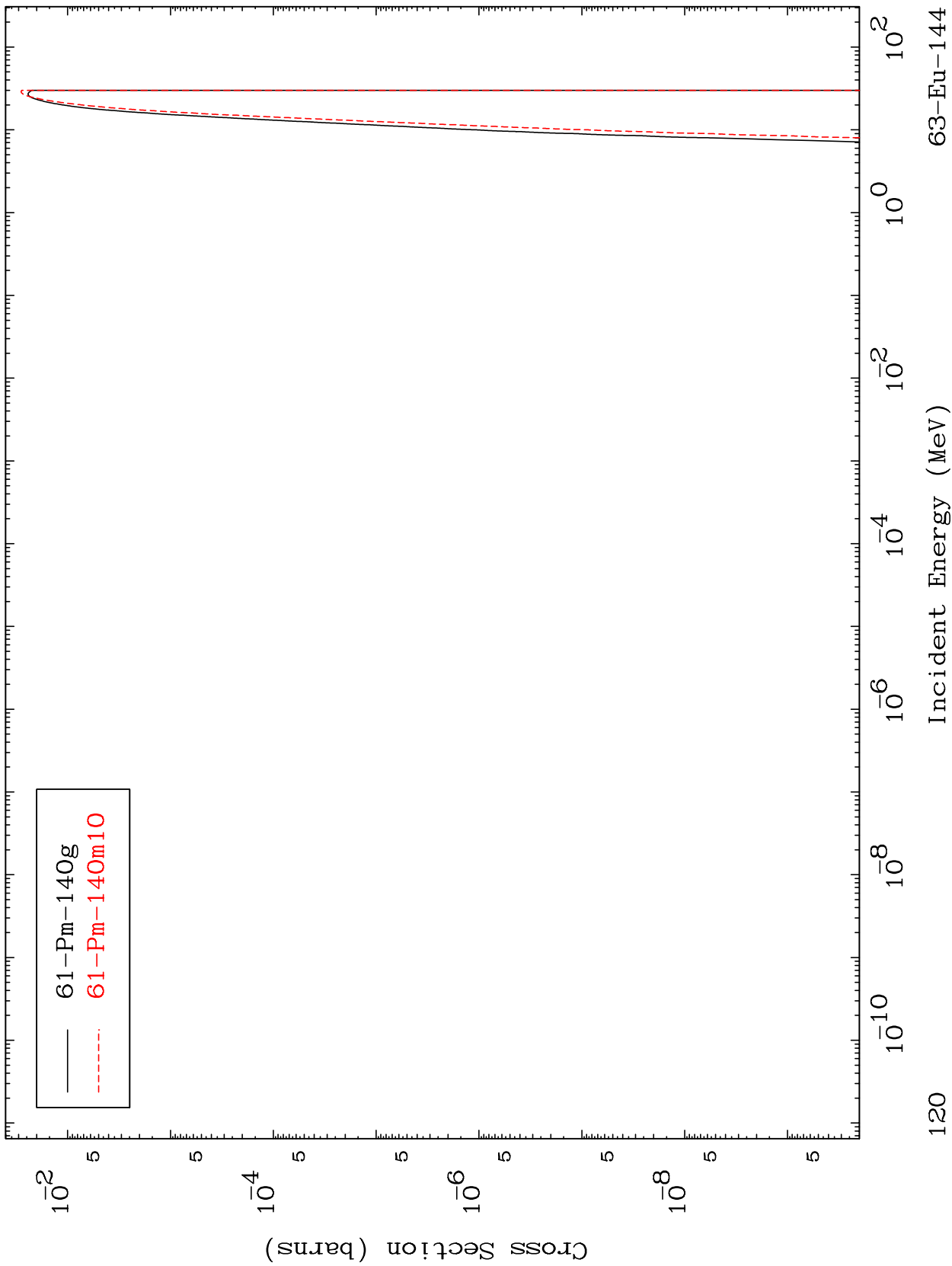
63-Eu-144

MAT 6304

$(n, n') \alpha$

63-Eu-144

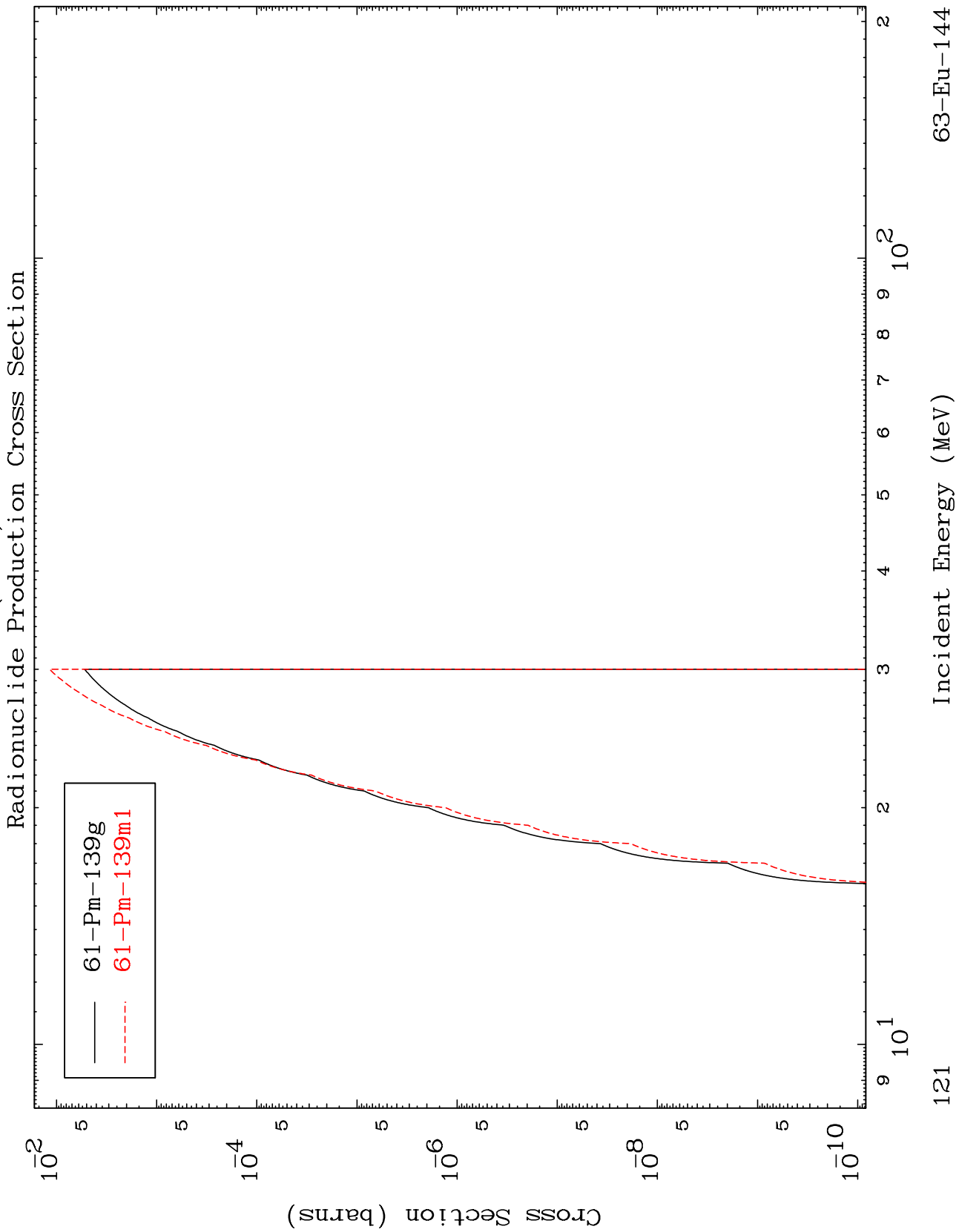
Radionuclide Production Cross Section



MAT 6304

(n,2n) α

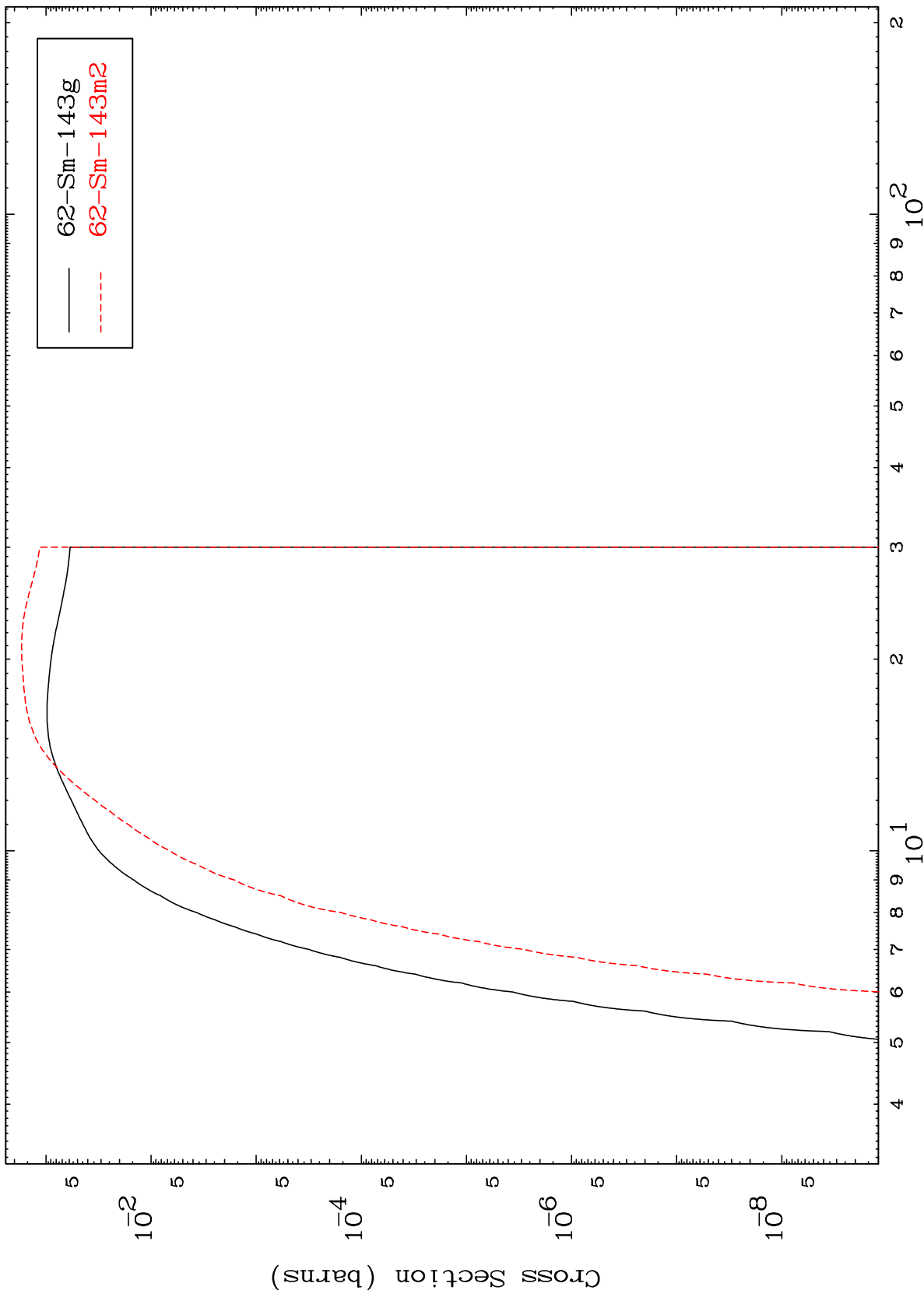
63-Eu-144



MAT 6304

63-Eu-144

(n, n') p
Radionuclide Production Cross Section



122

Incident Energy (MeV)

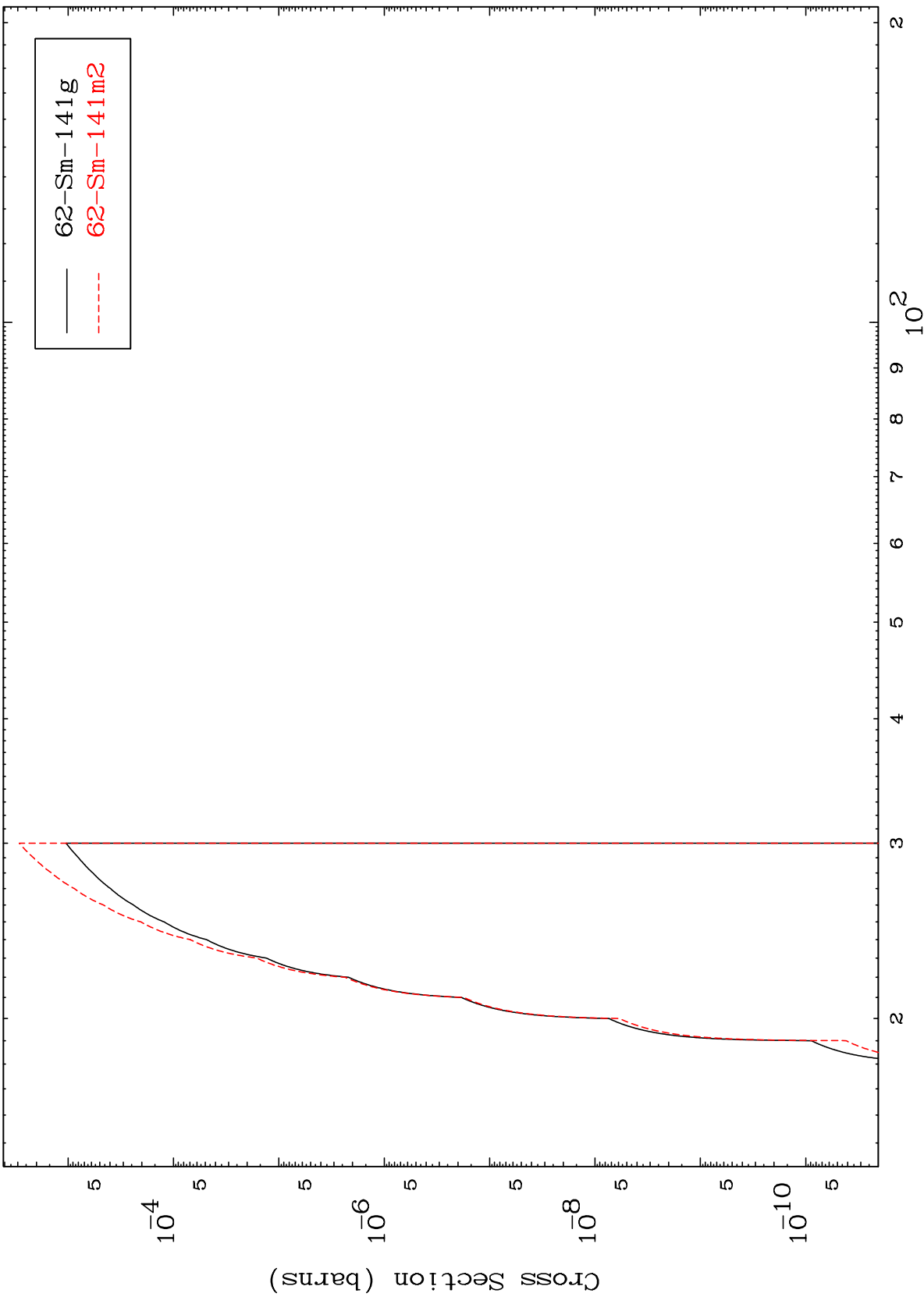
63-Eu-144

MAT 6304

(n,n') t

63-Eu-144

Radionuclide Production Cross Section



123

Incident Energy (MeV)

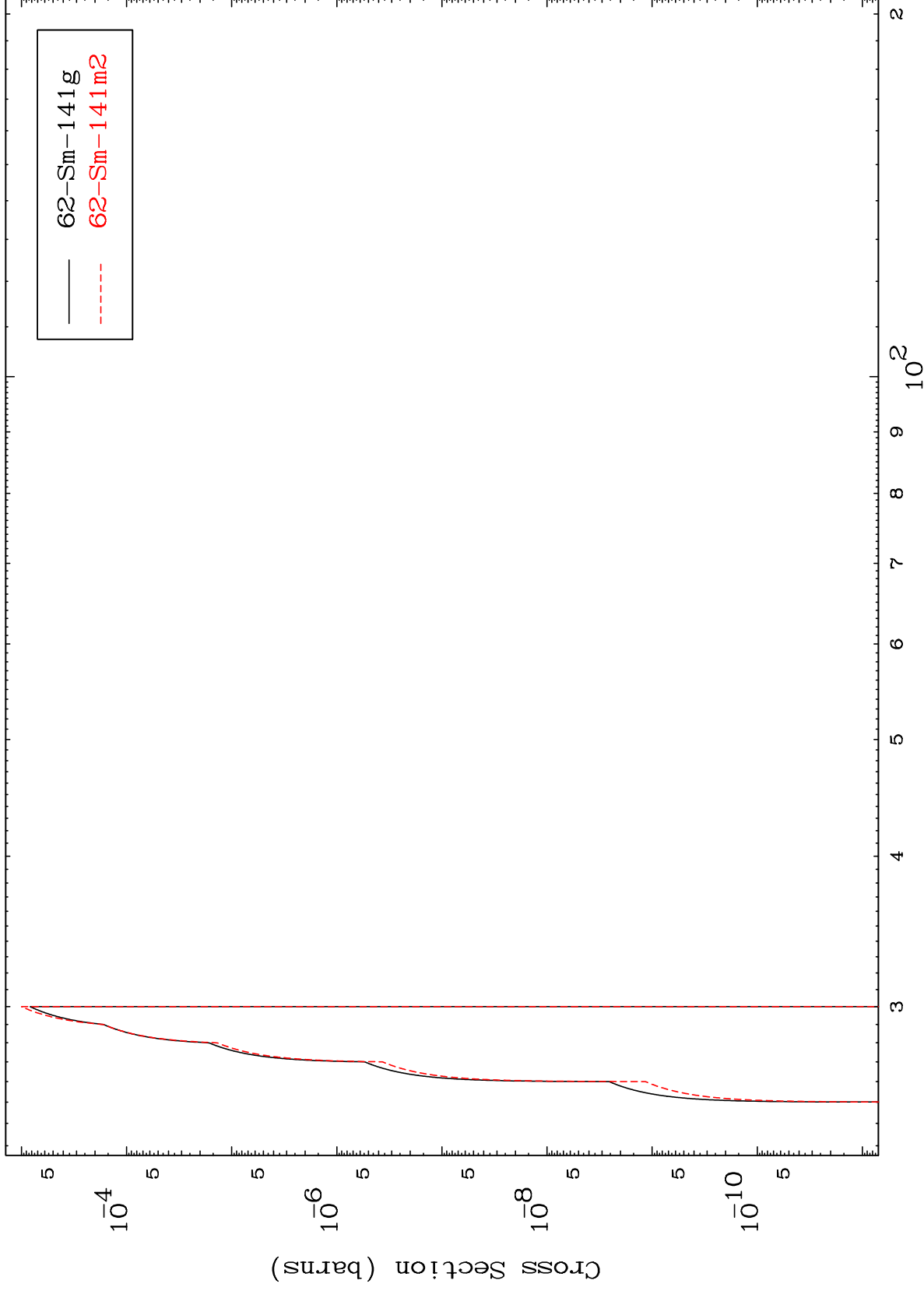
63-Eu-144

MAT 6304

(n,3n) p

63-Eu-144

Radionuclide Production Cross Section



124

Incident Energy (MeV)

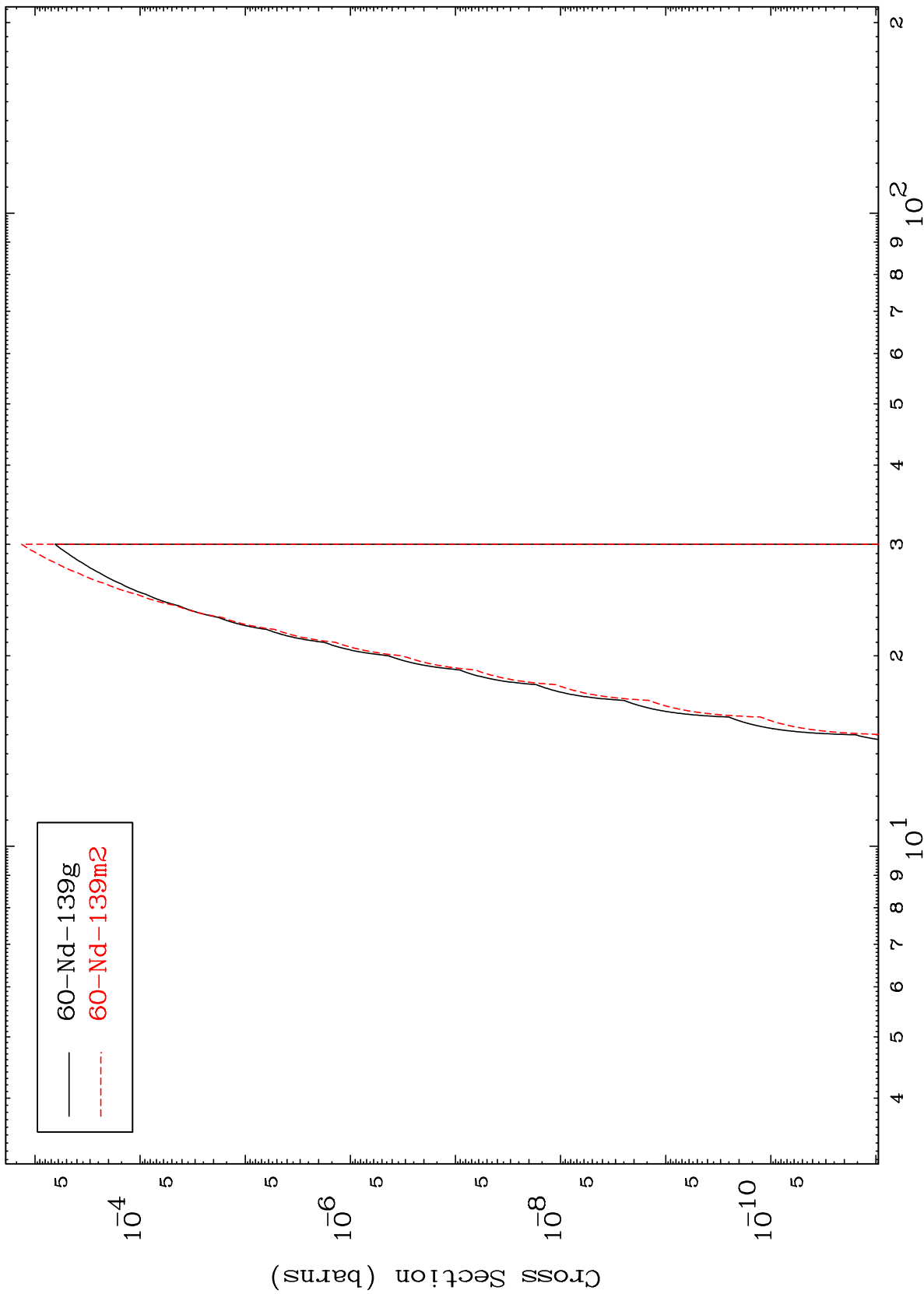
63-Eu-144

MAT 6304

(n,n') p α

63-Eu-144

Radionuclide Production Cross Section



125

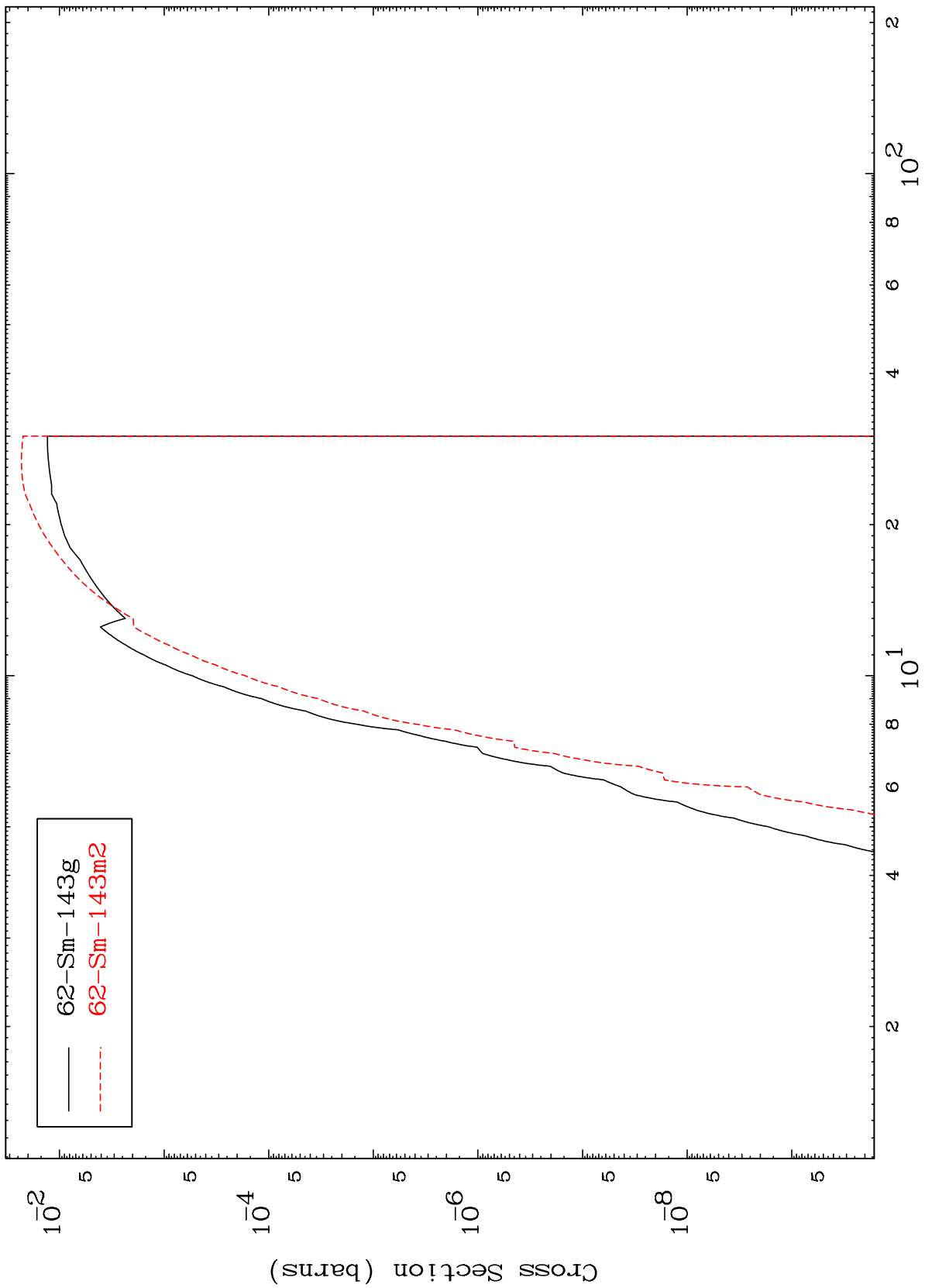
Incident Energy (MeV)

63-Eu-144

MAT 6304

63-Eu-144

(n,d)
Radionuclide Production Cross Section



126

63-Eu-144

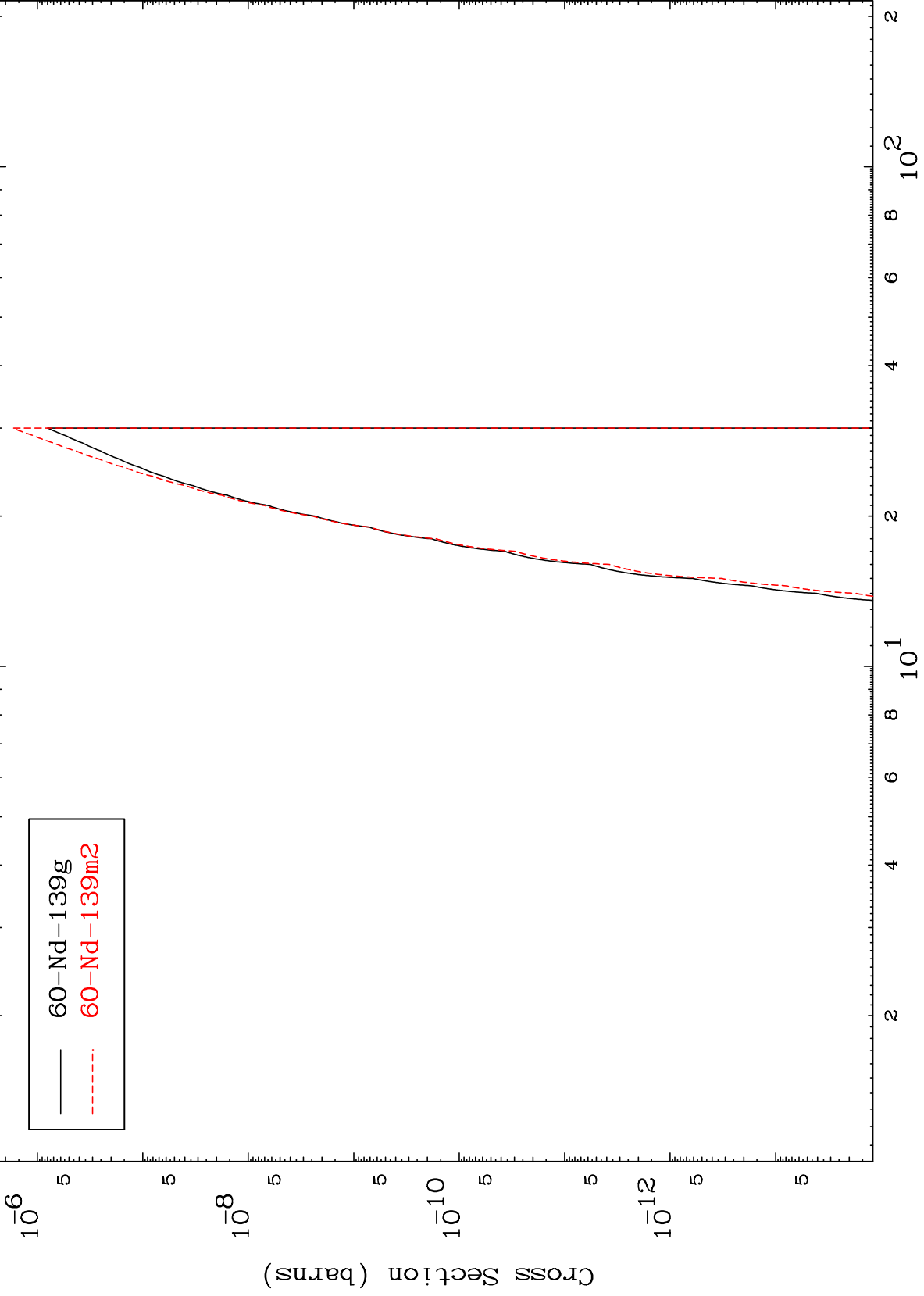
Incident Energy (MeV)

MAT 6304

(n,d) α

63-Eu-144

Radionuclide Production Cross Section



127

Incident Energy (MeV)

63-Eu-144