

Program EVALPLOT
(Version 2018-1)

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

Web:redcullen1.net/HOMEPAGE.NEW

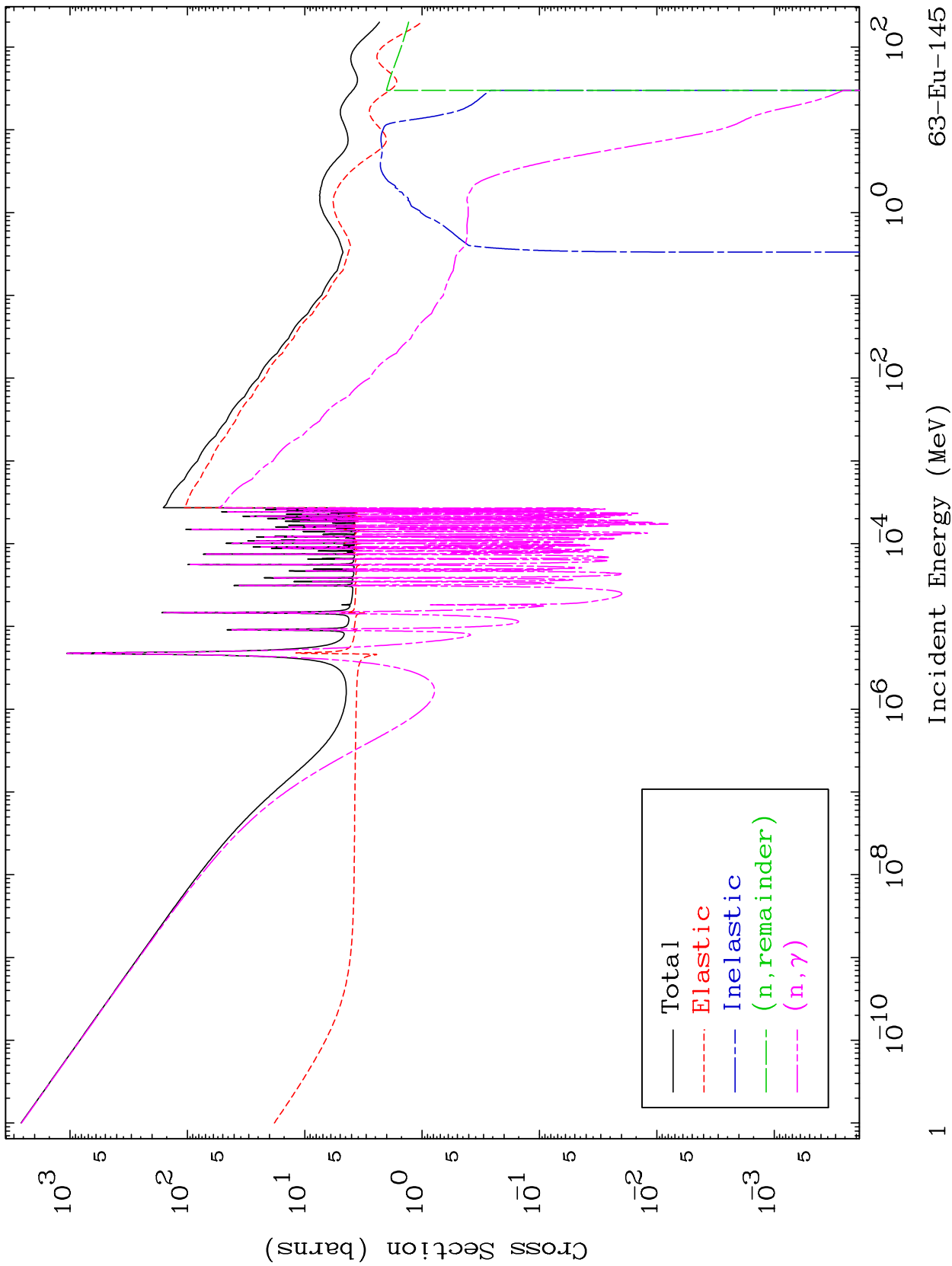
Press Mouse Button to Start

MAT 6307

Major

293 Kelvin Cross Sections

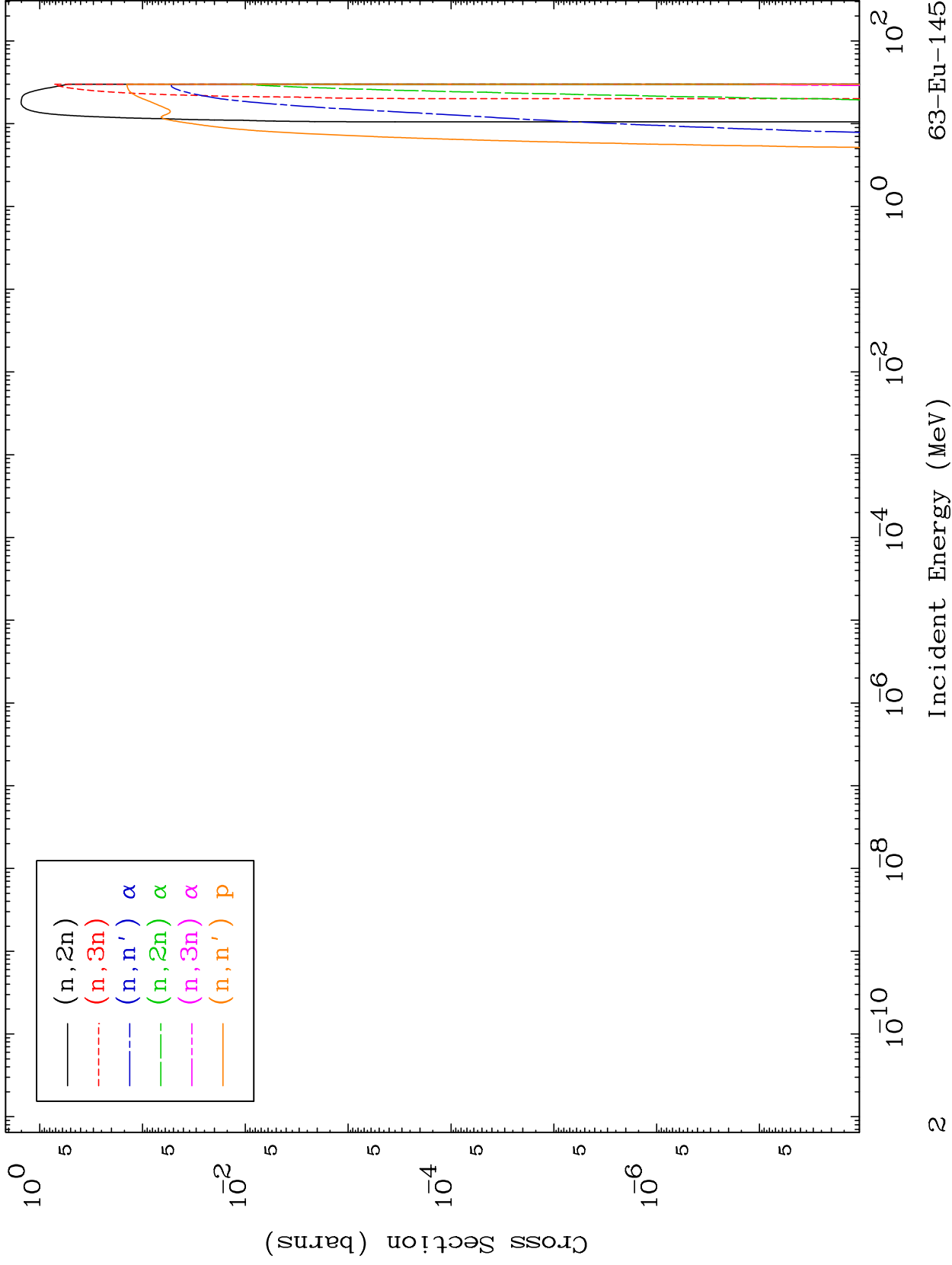
63-Eu-145



MAT 6307

Neutron Production
293 Kelvin Cross Sections

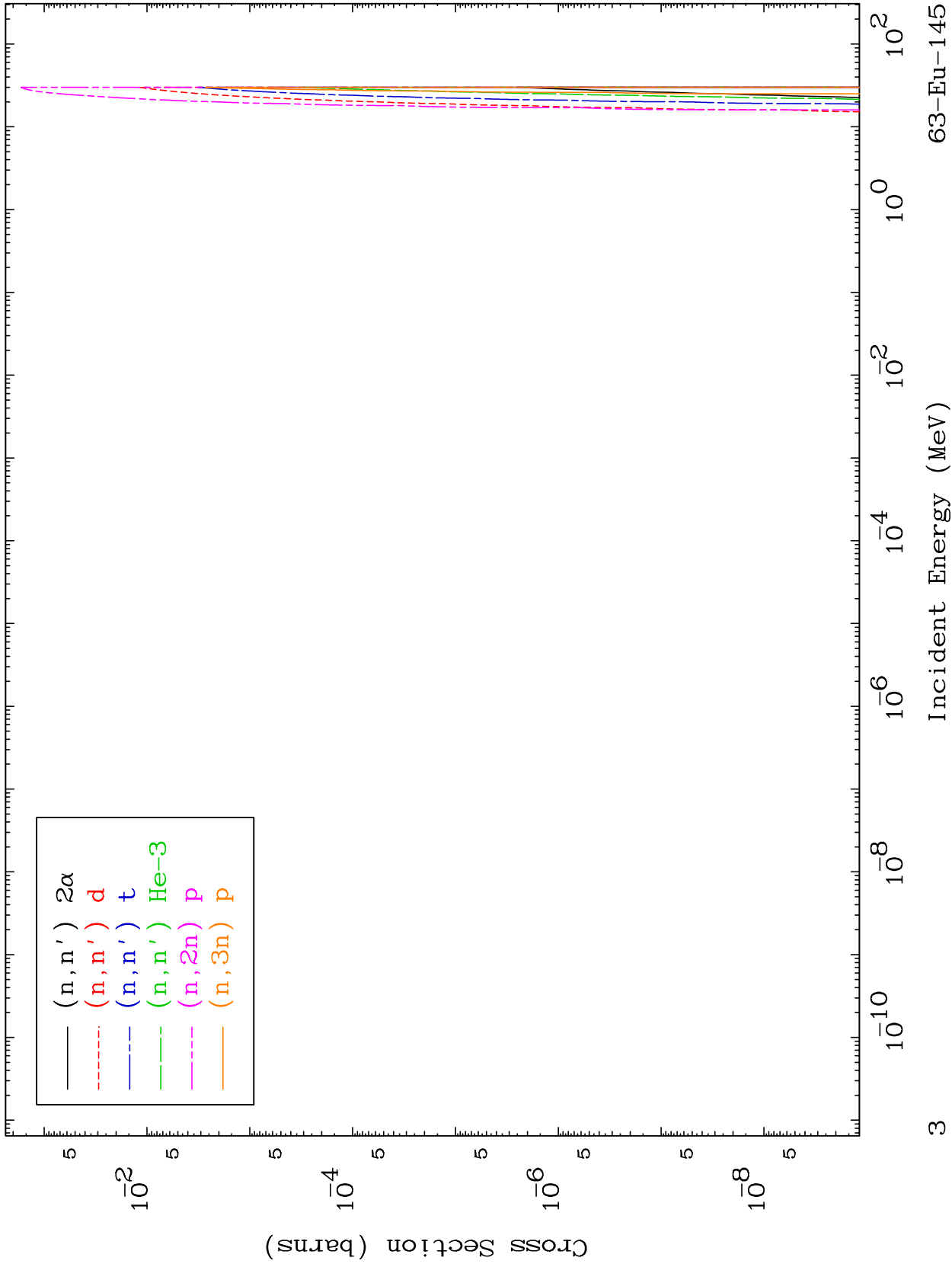
63-Eu-145



MAT 6307

Neutron Production
293 Kelvin Cross Sections

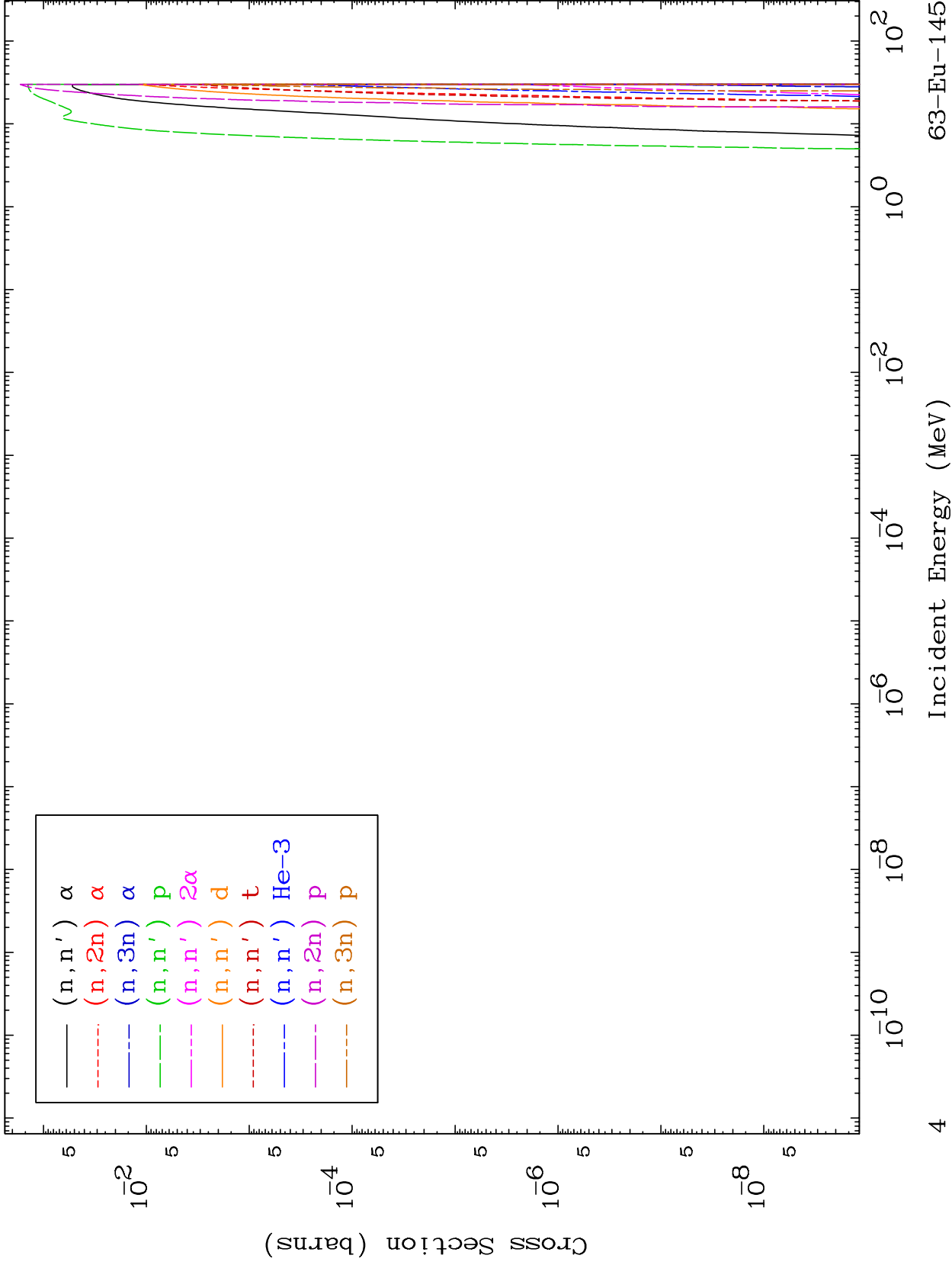
63-Eu-145



MAT 6307

Charged Particle
293 Kelvin Cross Sections

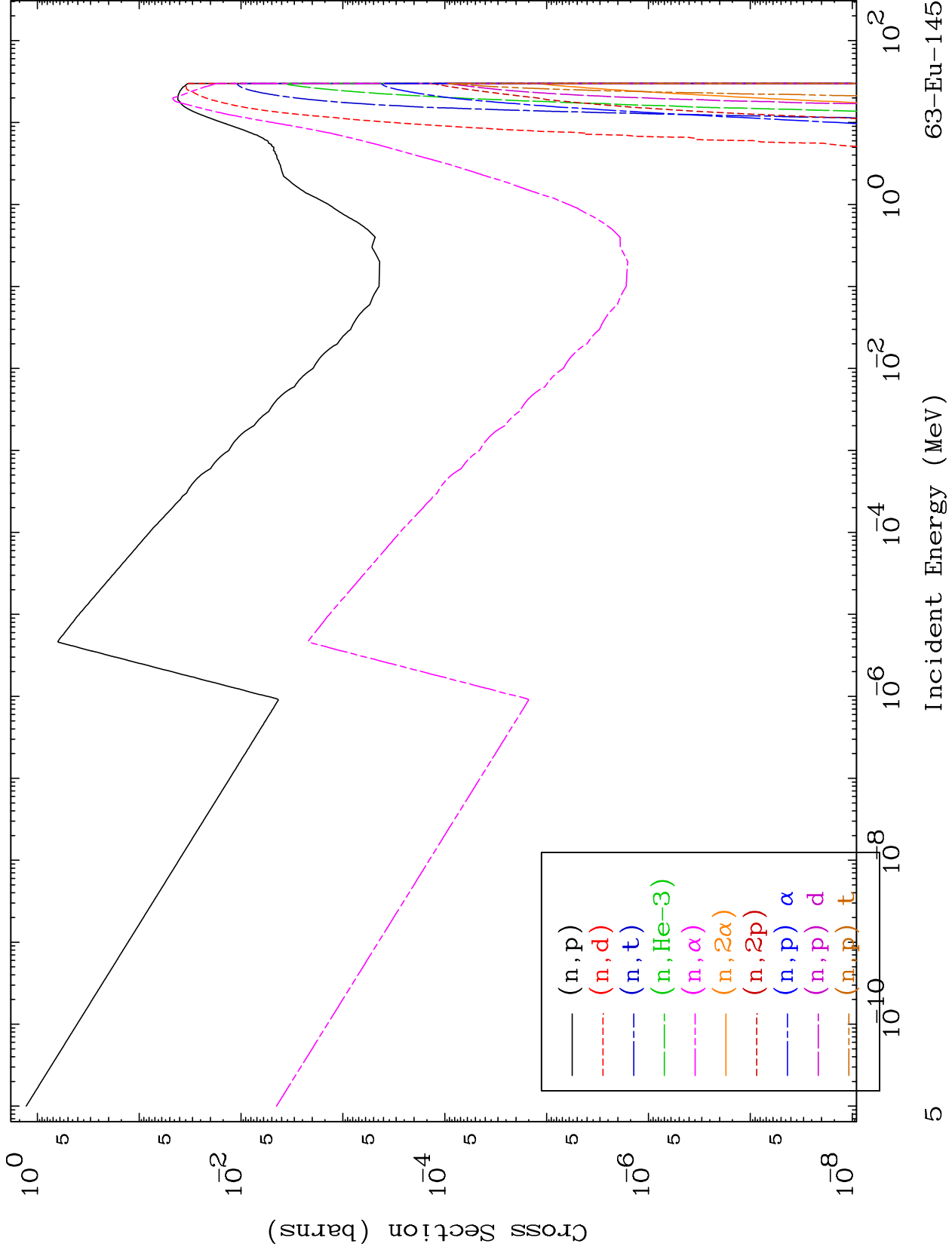
63-Eu-145



MAT 6307

Charged Particle
293 Kelvin Cross Sections

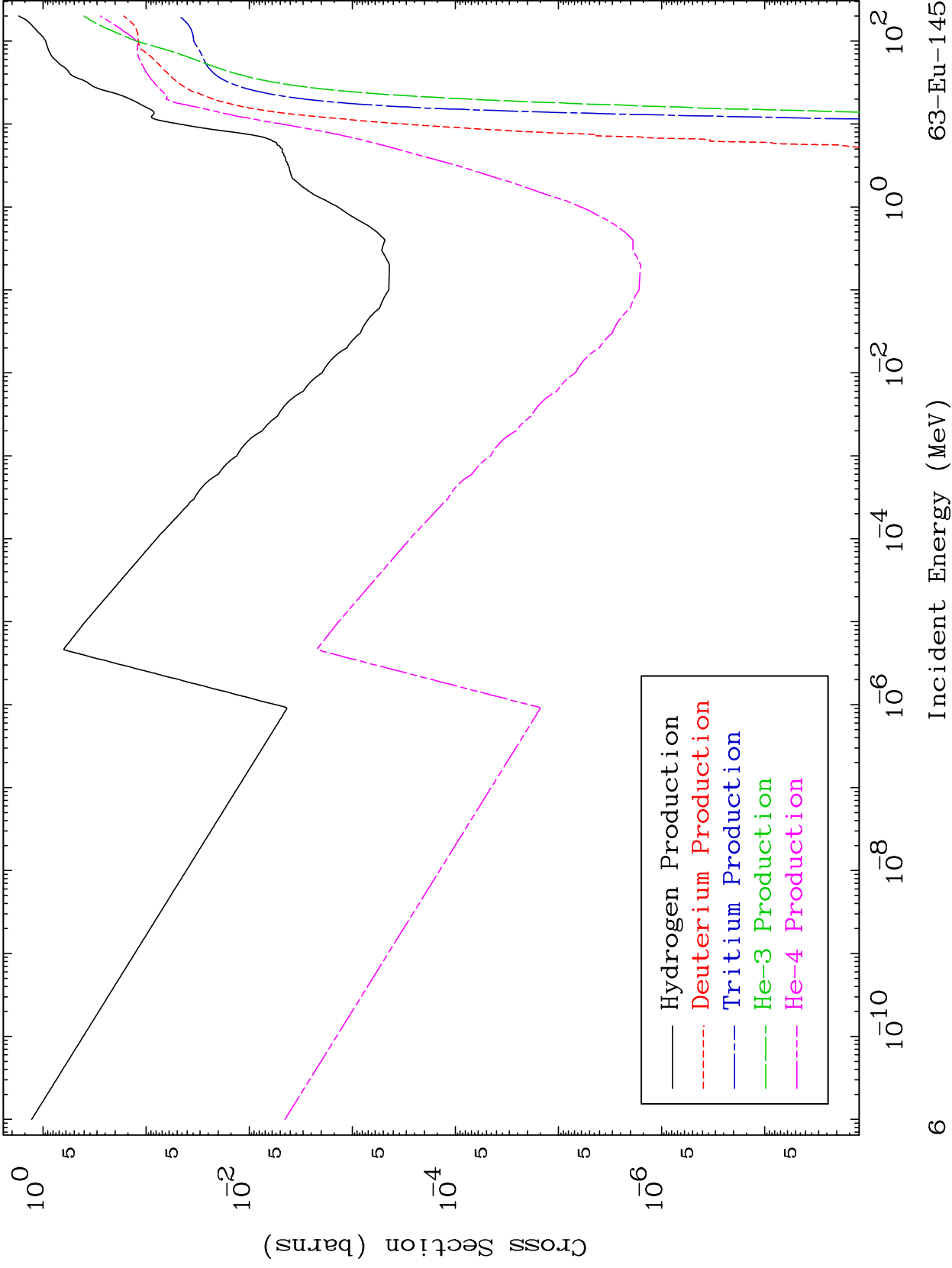
63-Eu-145



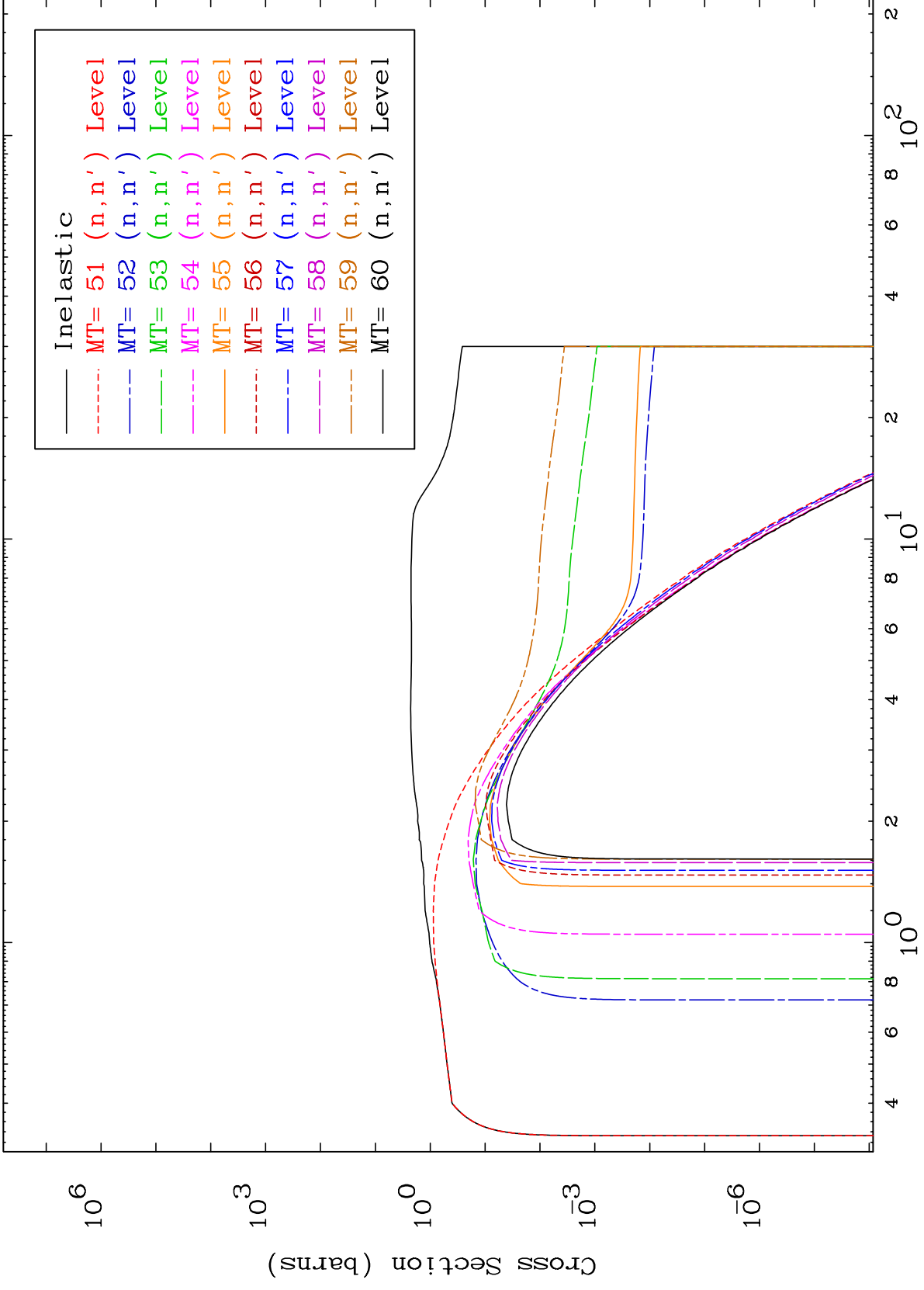
MAT 6307

Particle Production
293 Kelvin Cross Sections

63-Eu-145



293 Kelvin Cross Sections

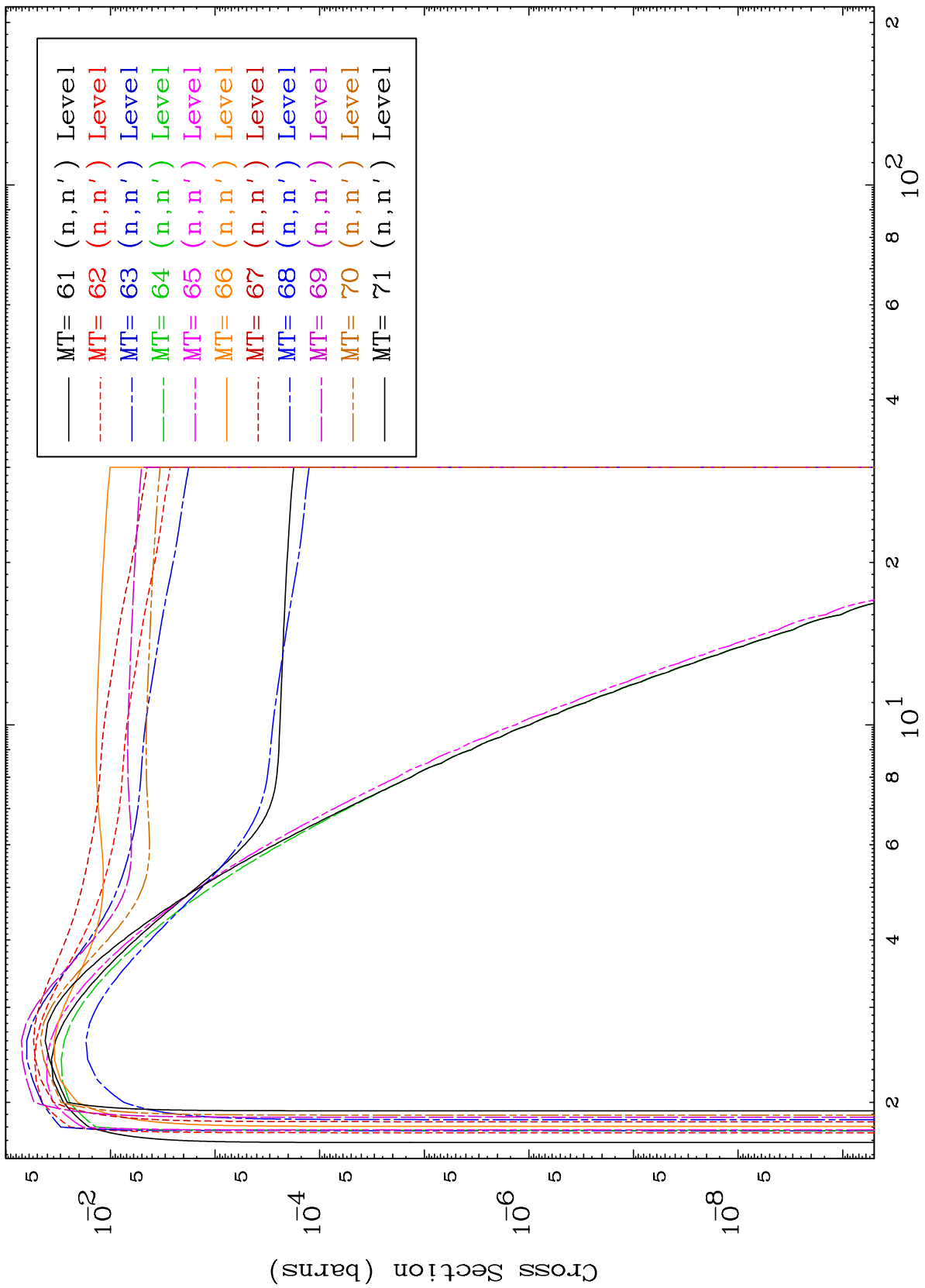


MAT 6307

(n,n') Level

63-Eu-145

293 Kelvin Cross Sections

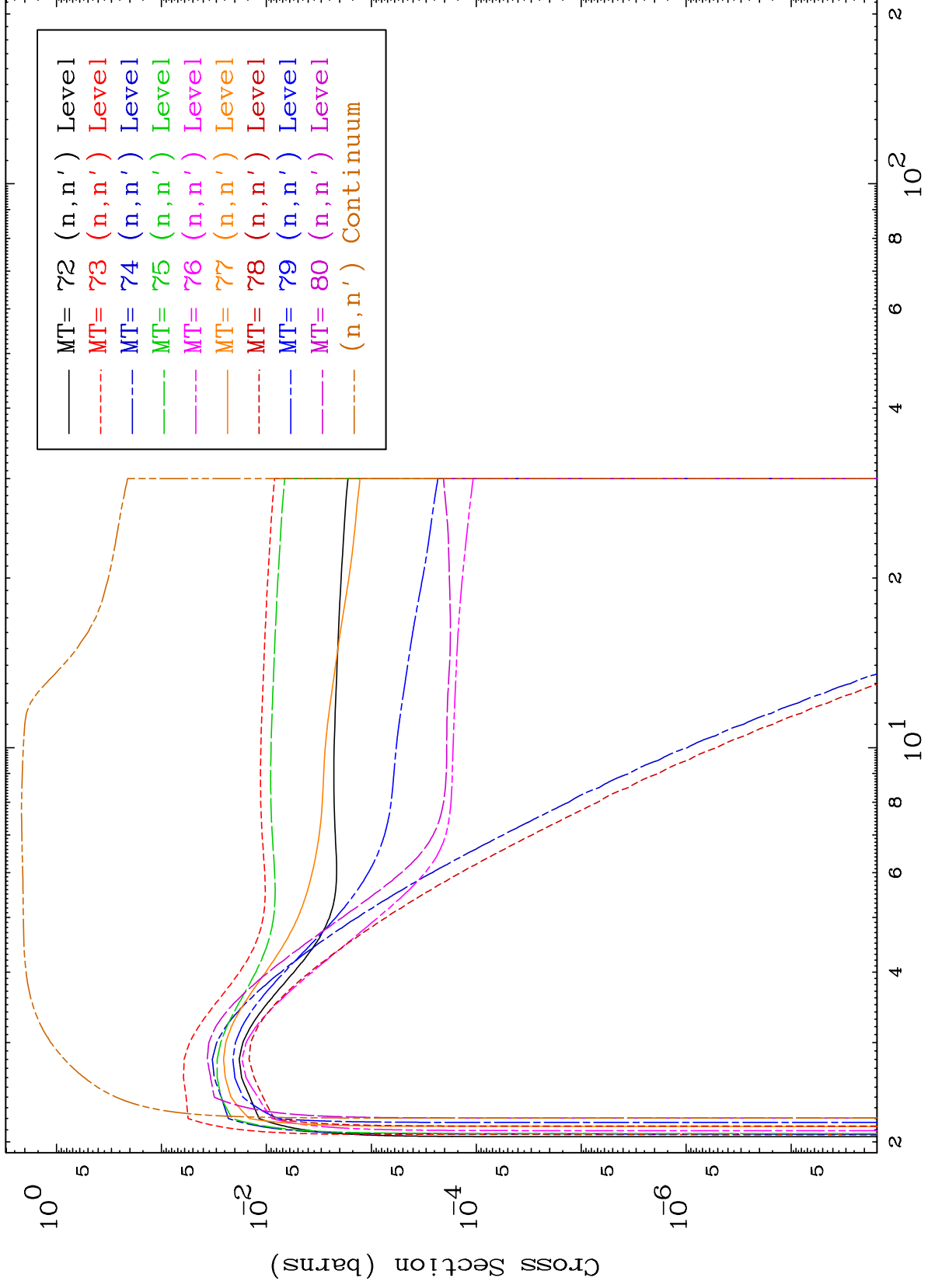


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Incident Energy (MeV)

63-Eu-145

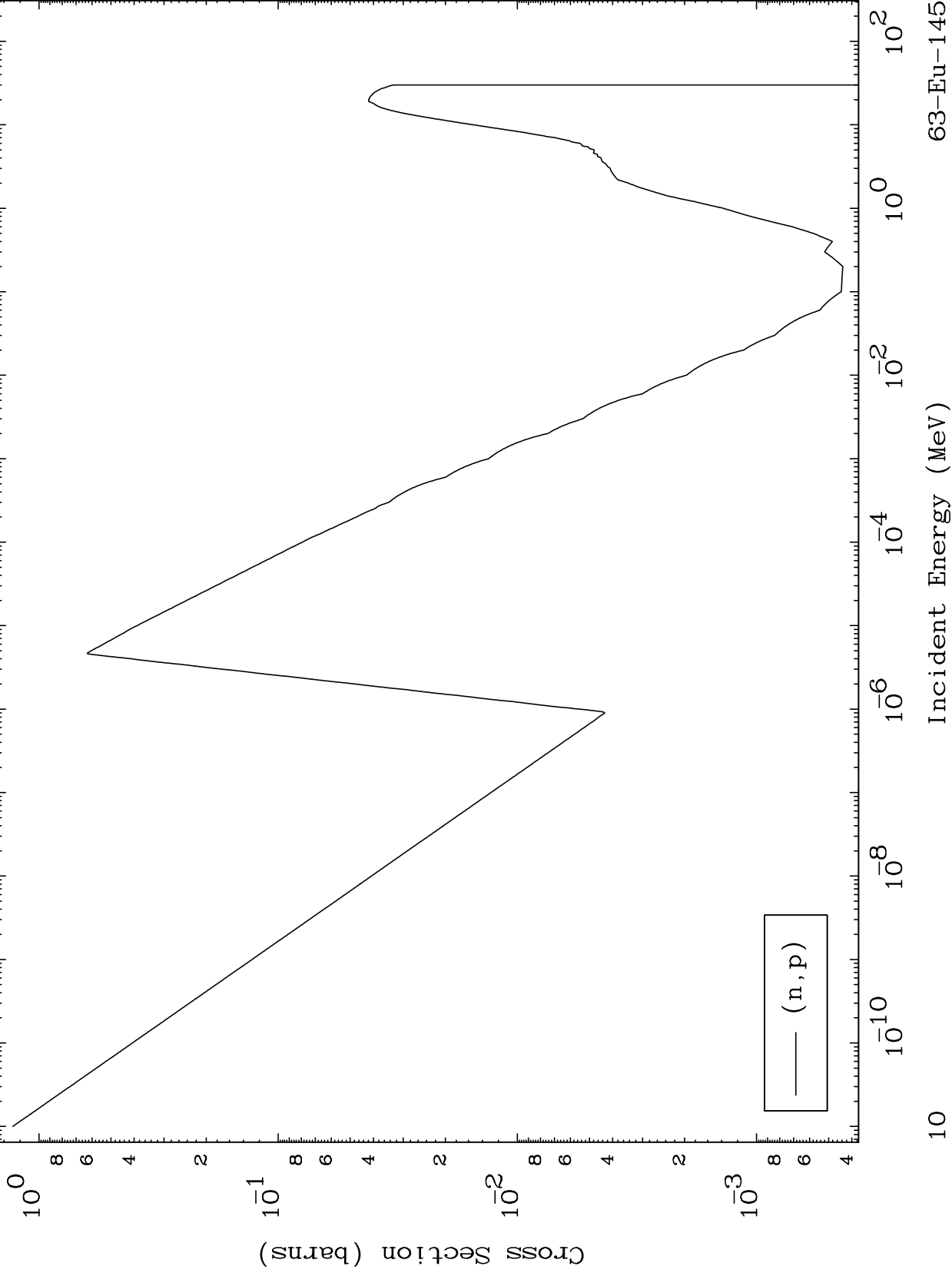
293 Kelvin Cross Sections



MAT 6307

(n,p) Levels
293 Kelvin Cross Sections

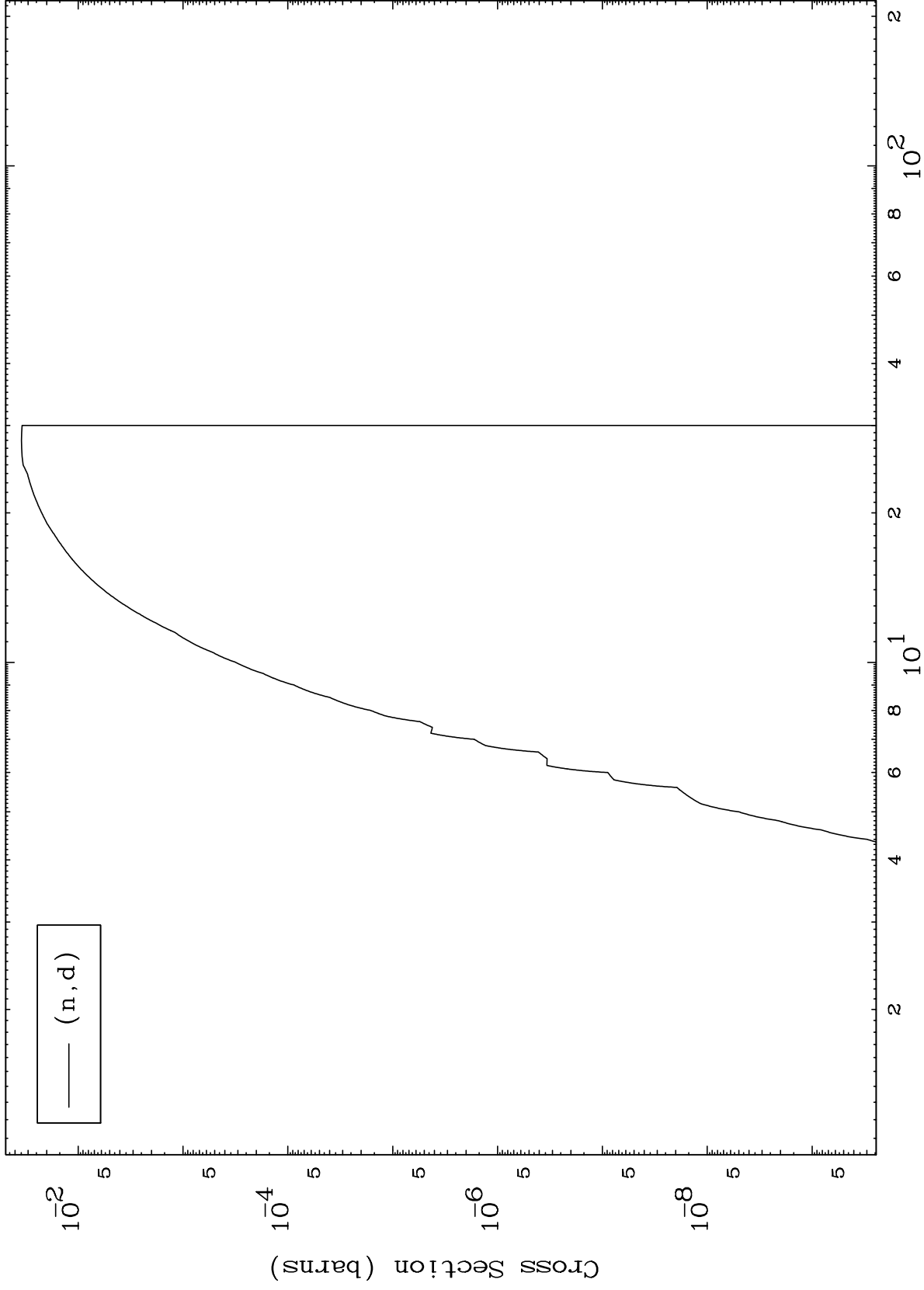
63-Eu-145



MAT 6307

(n,d) Levels
293 Kelvin Cross Sections

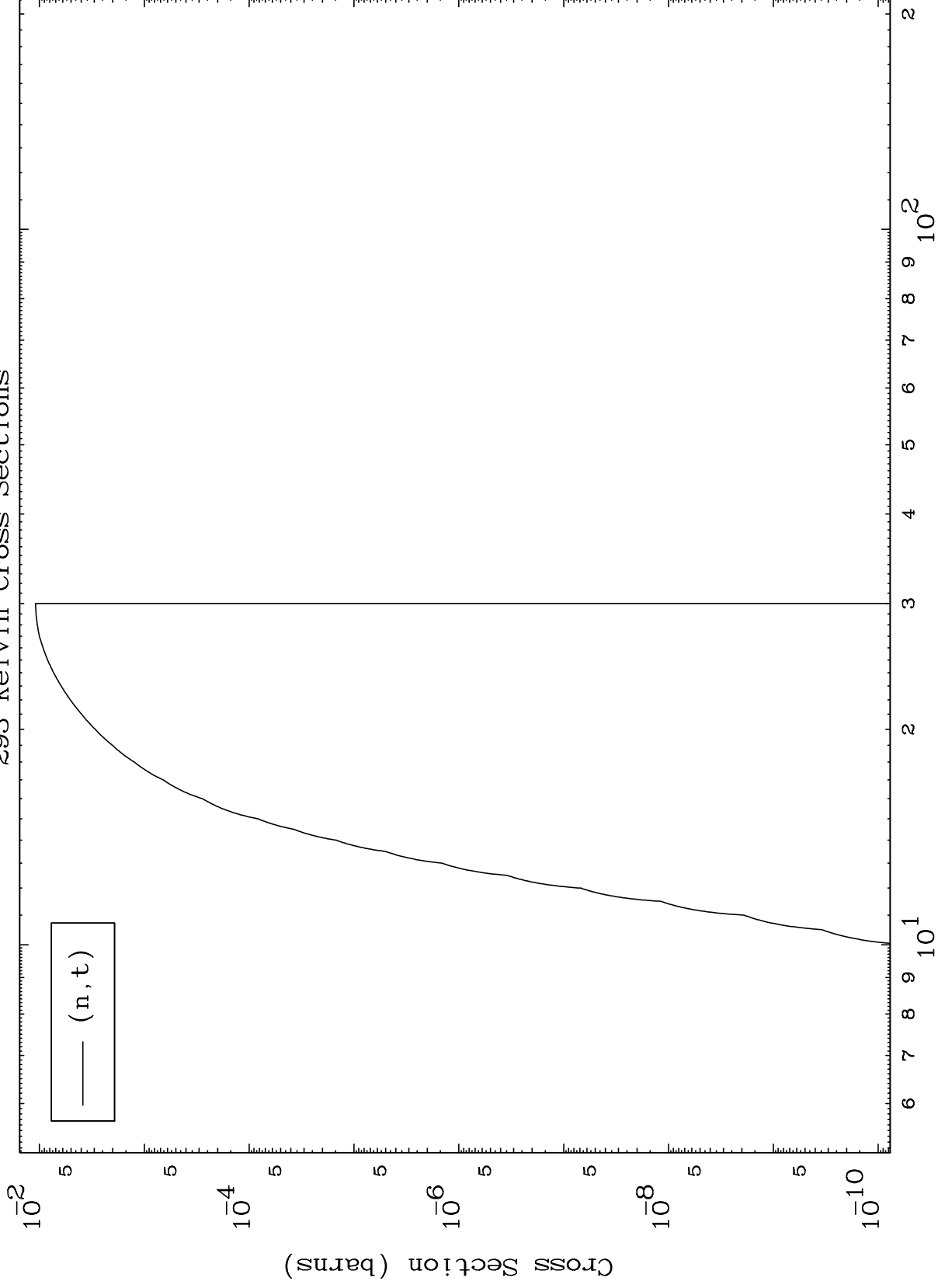
63-Eu-145



MAT 6307

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-145



12

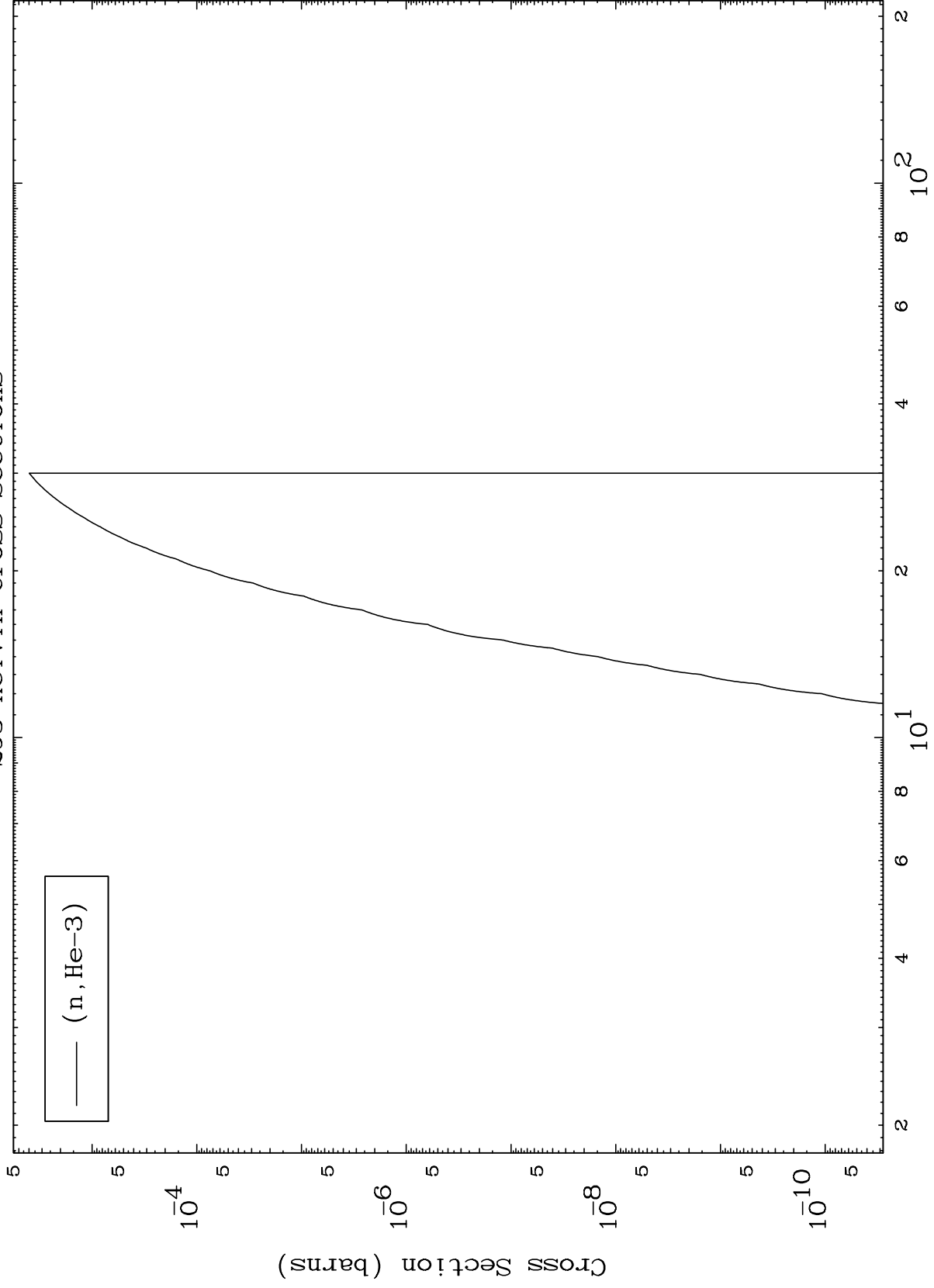
Incident Energy (MeV)

63-Eu-145

MAT 6307

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-145



13

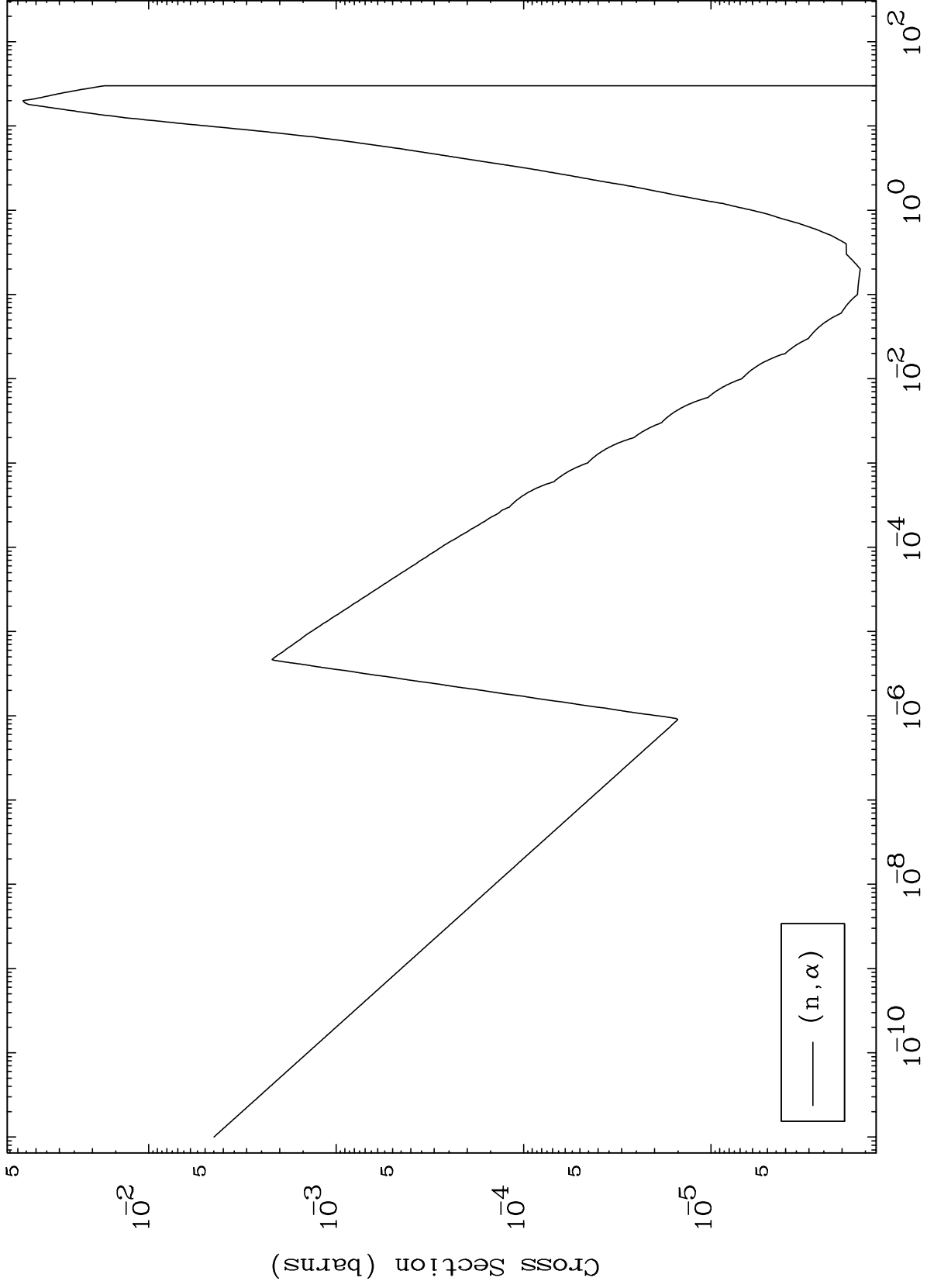
Incident Energy (MeV)

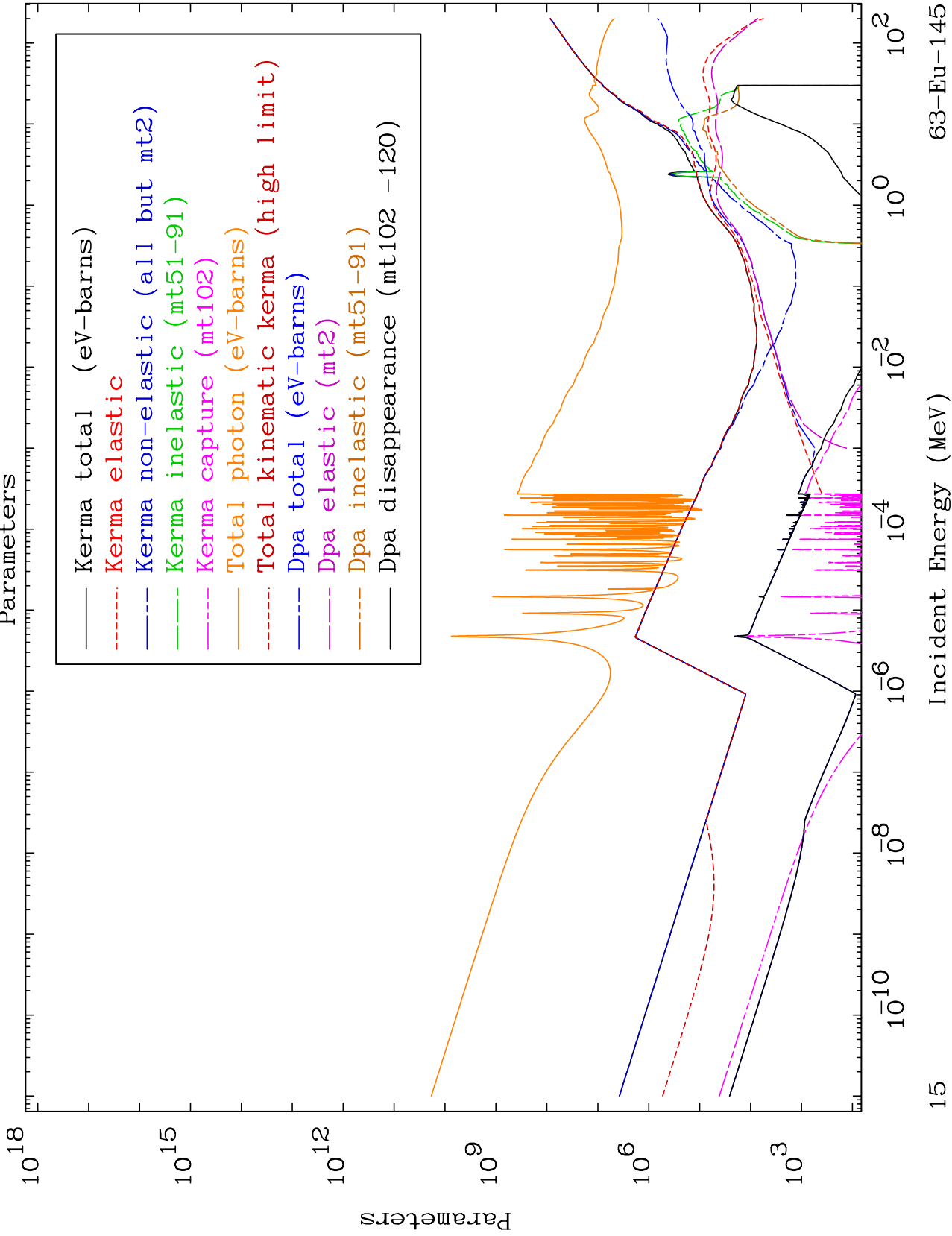
63-Eu-145

MAT 6307

(n,α) Levels
293 Kelvin Cross Sections

63-Eu-145

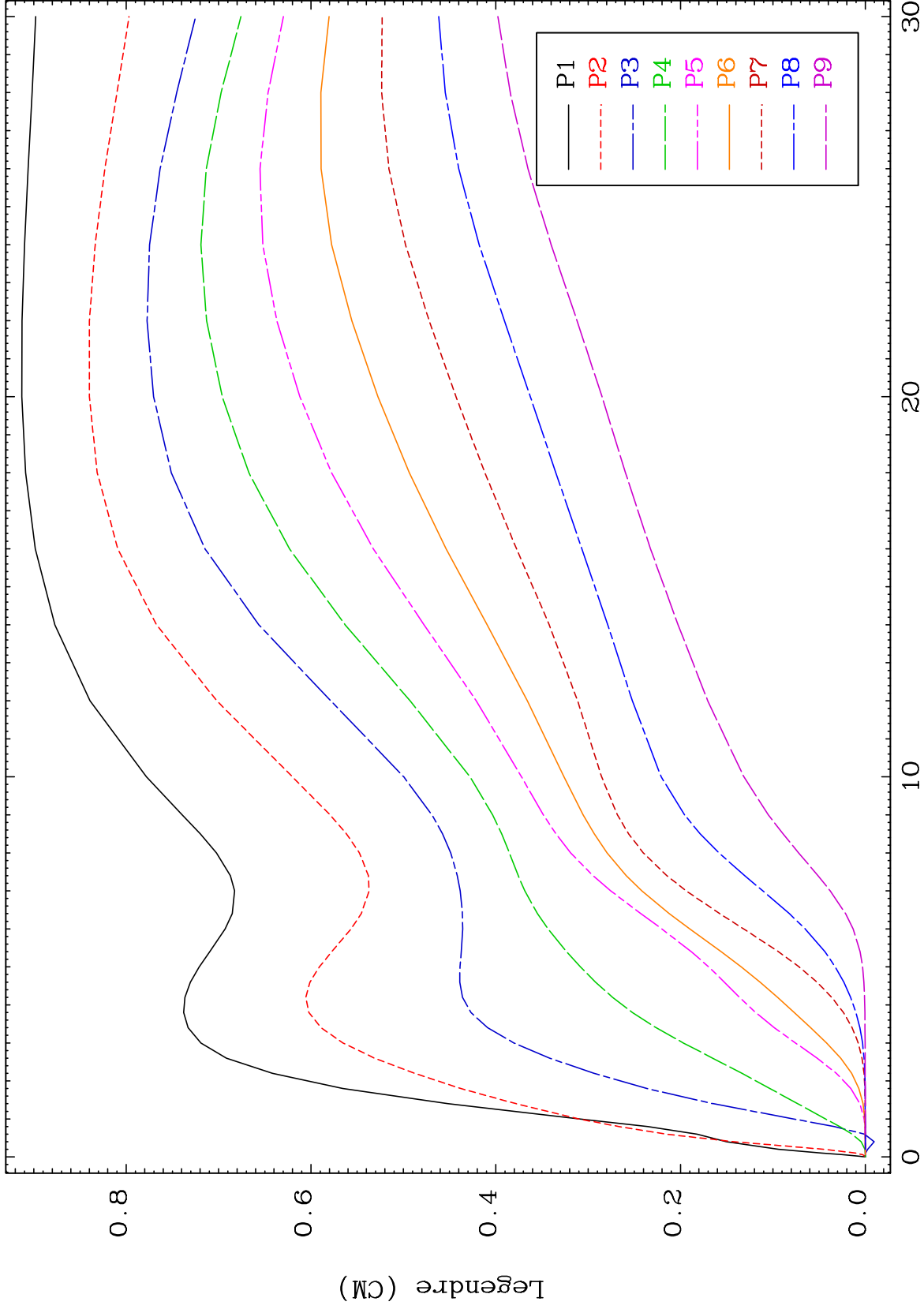




MAT 6307

Elastic Legendre Coefficients

63-Eu-145



16

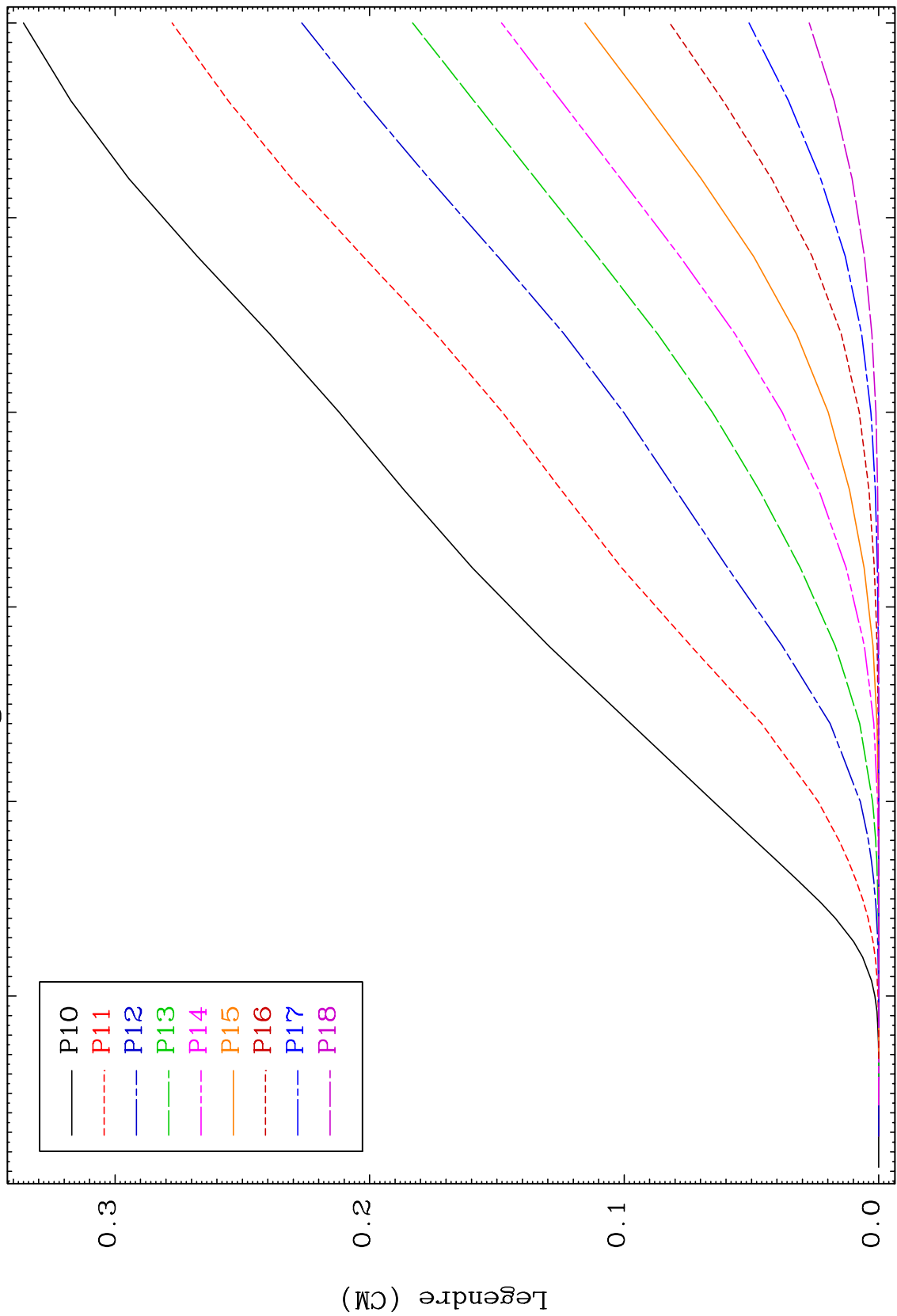
Incident Energy (MeV)

63-Eu-145

MAT 6307

Elastic Legendre Coefficients

63-Eu-145



17

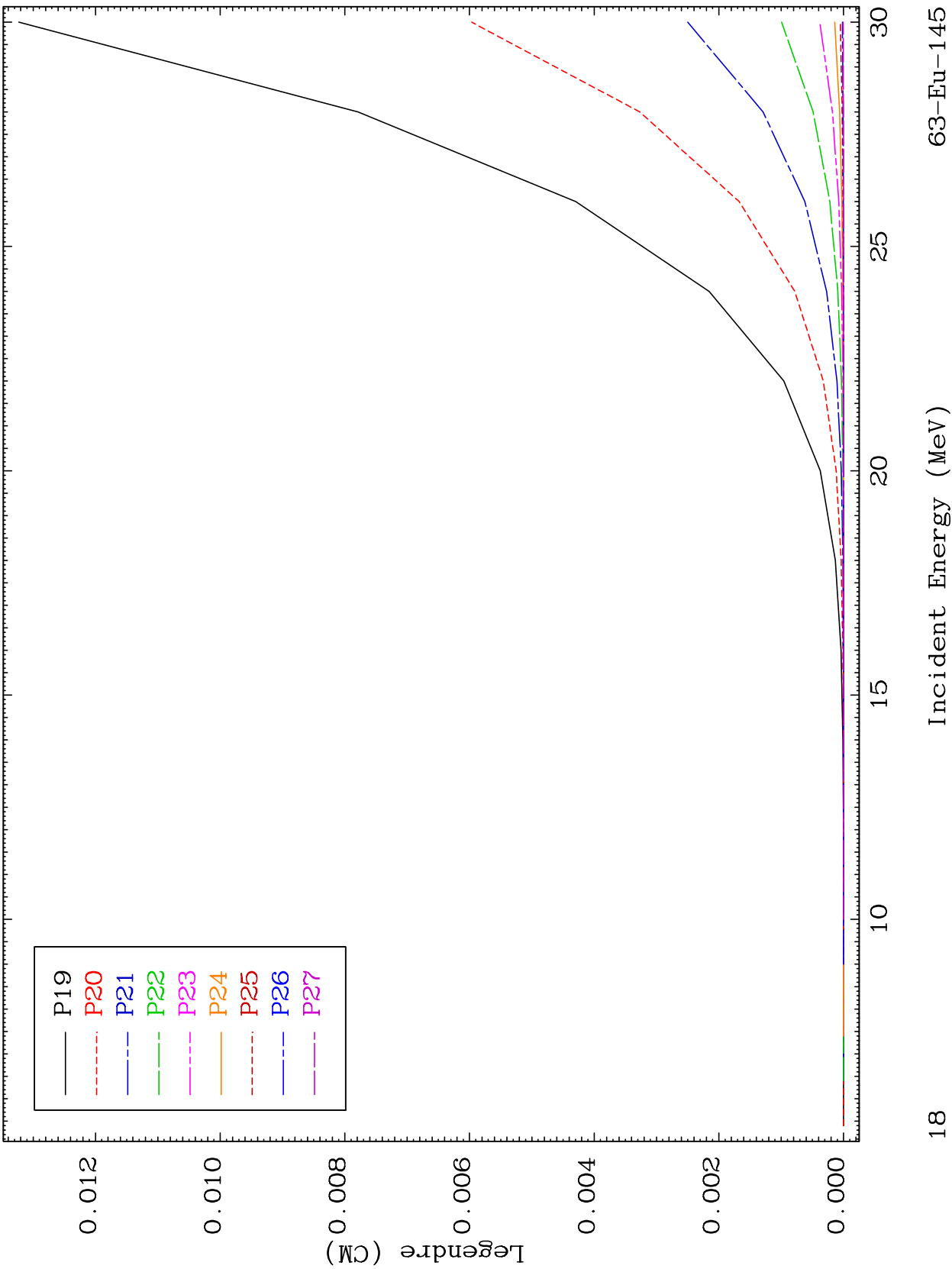
63-Eu-145

Incident Energy (MeV)

MAT 6307

Elastic Legendre Coefficients

63-Eu-145



18

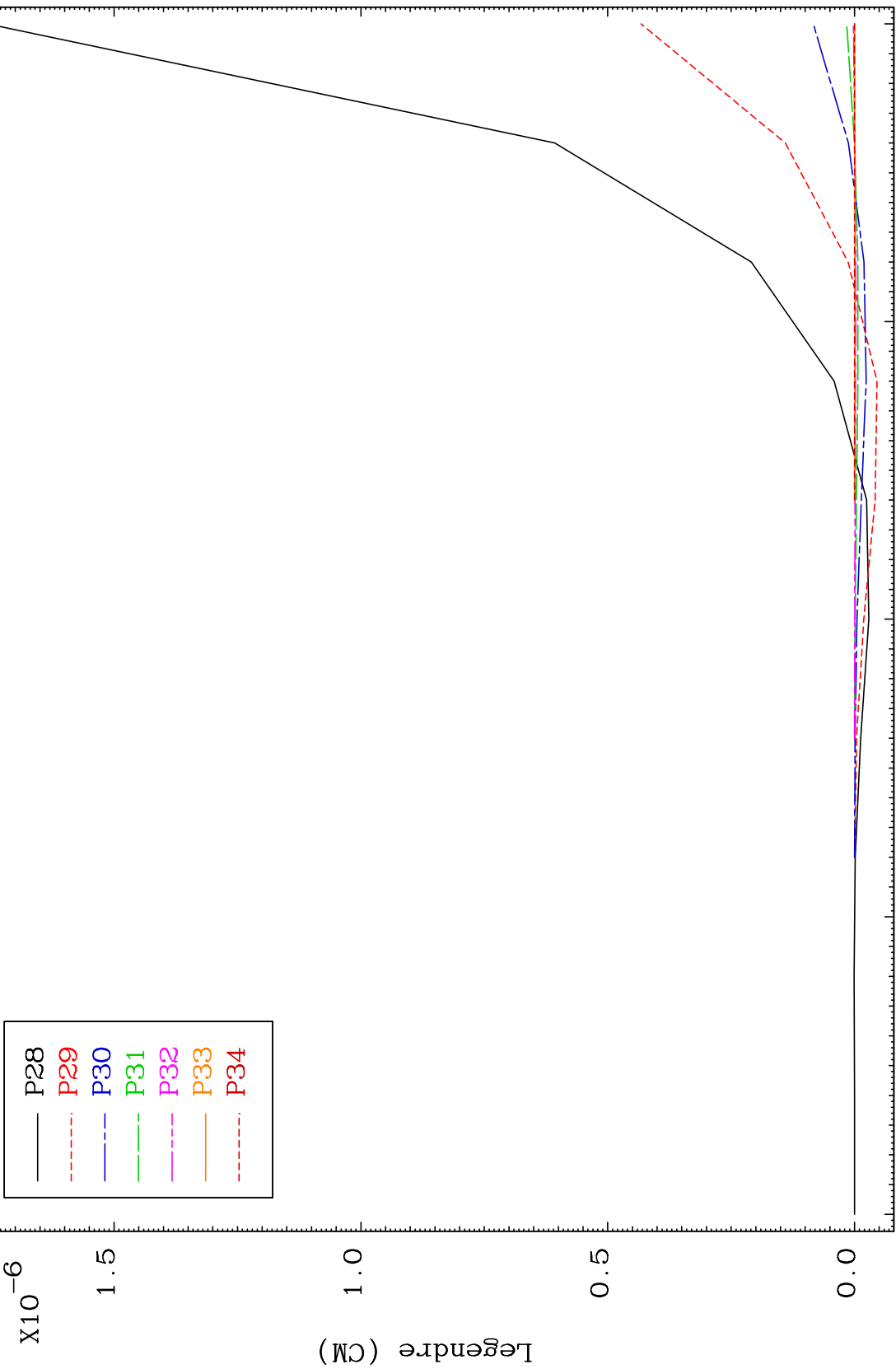
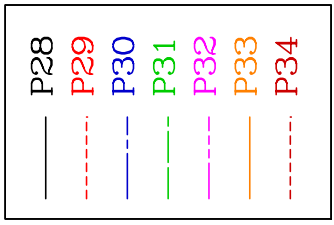
Incident Energy (MeV)

63-Eu-145

MAT 6307

Elastic Legendre Coefficients

63-Eu-145



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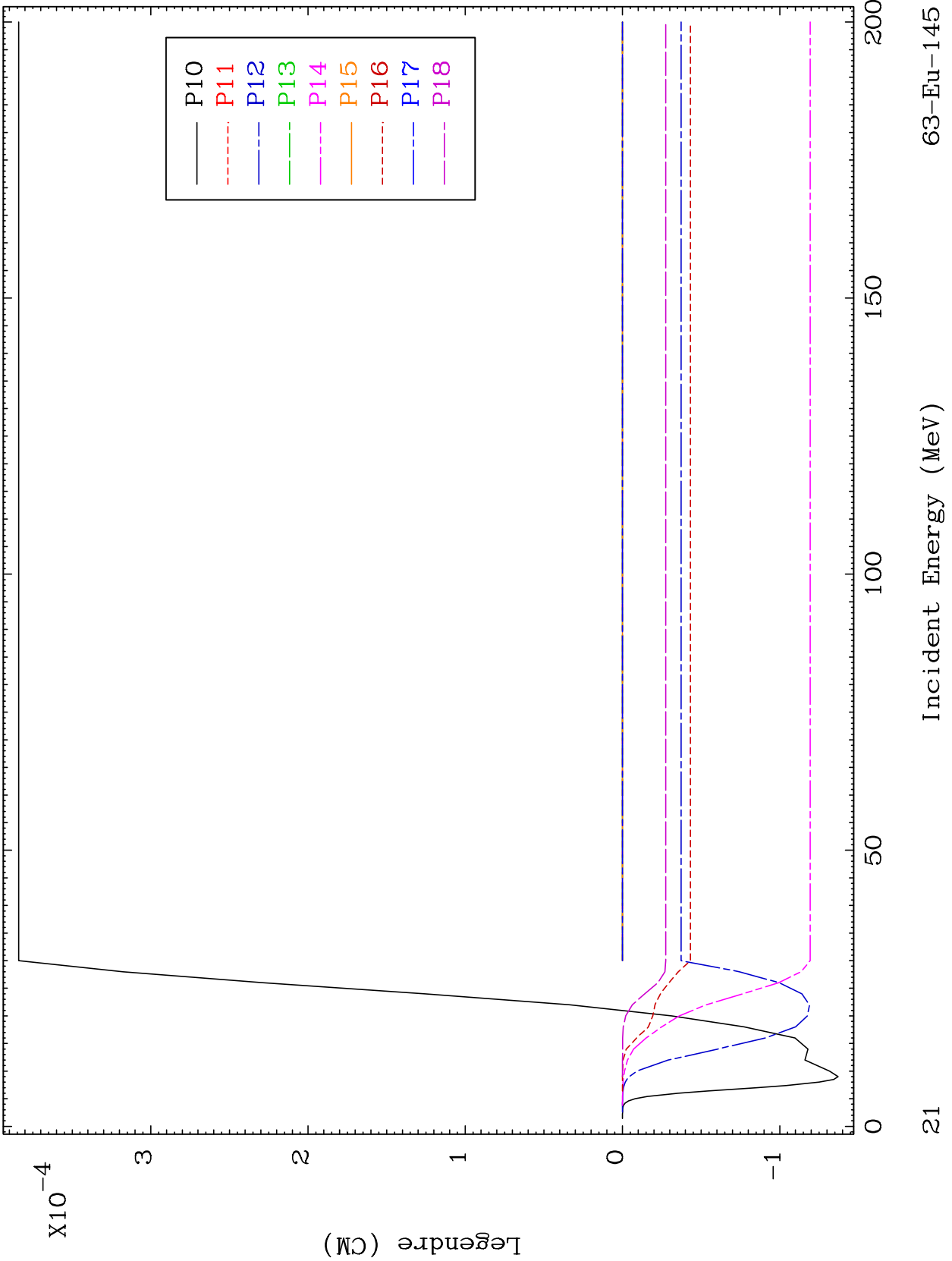
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

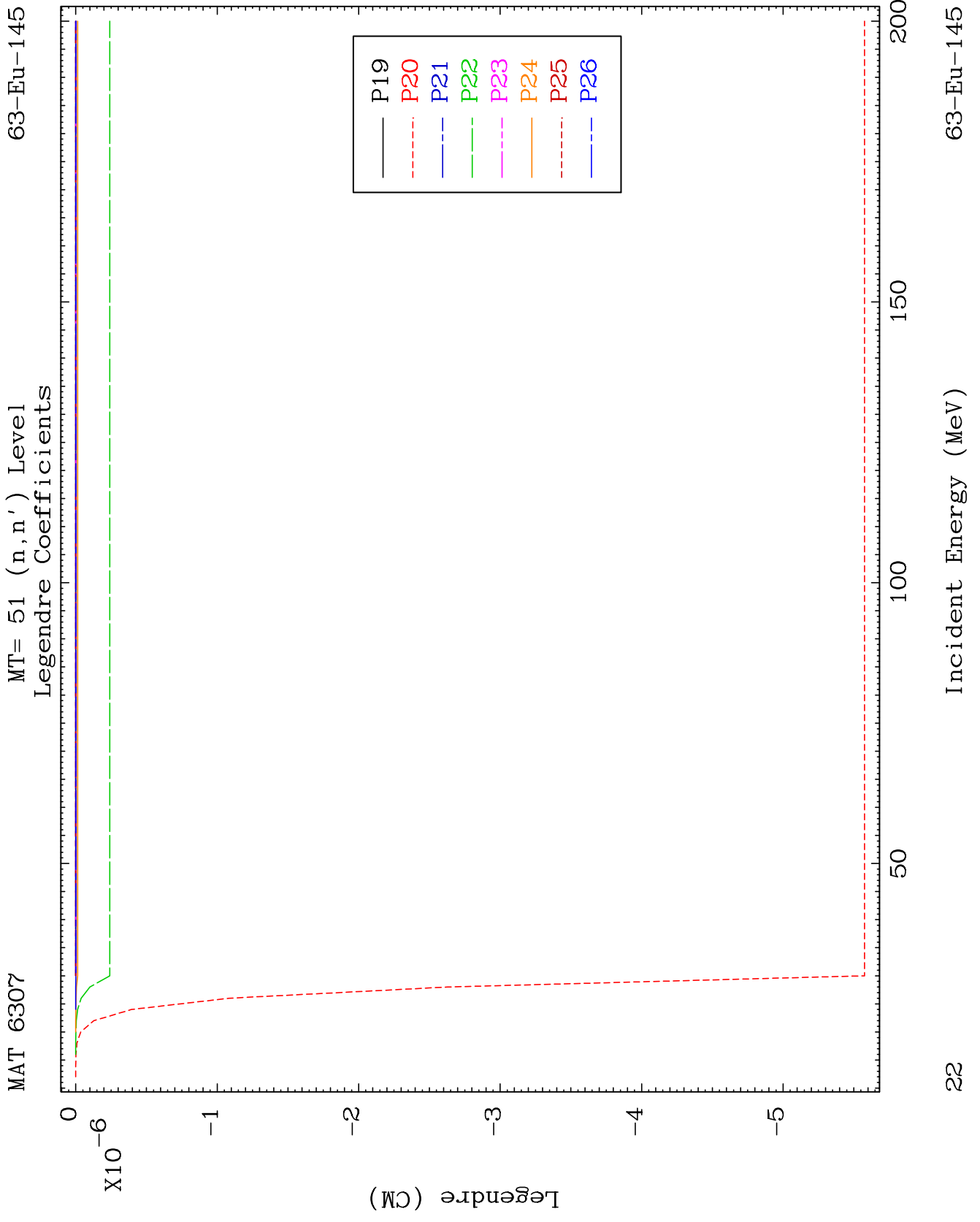
63-Eu-145



63-Eu-145

Incident Energy (MeV)

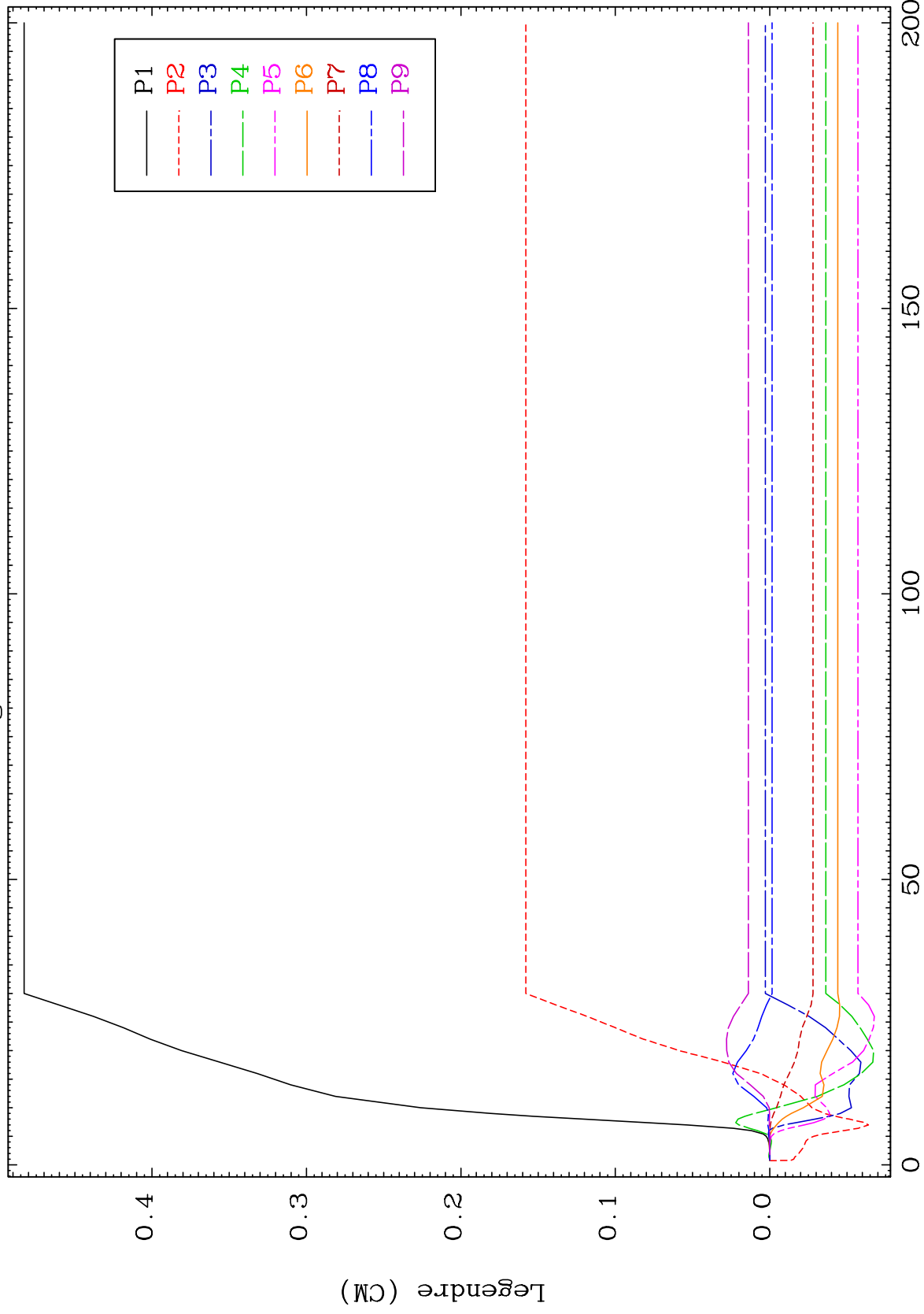
21



MAT 6307

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

63-Eu-145



23

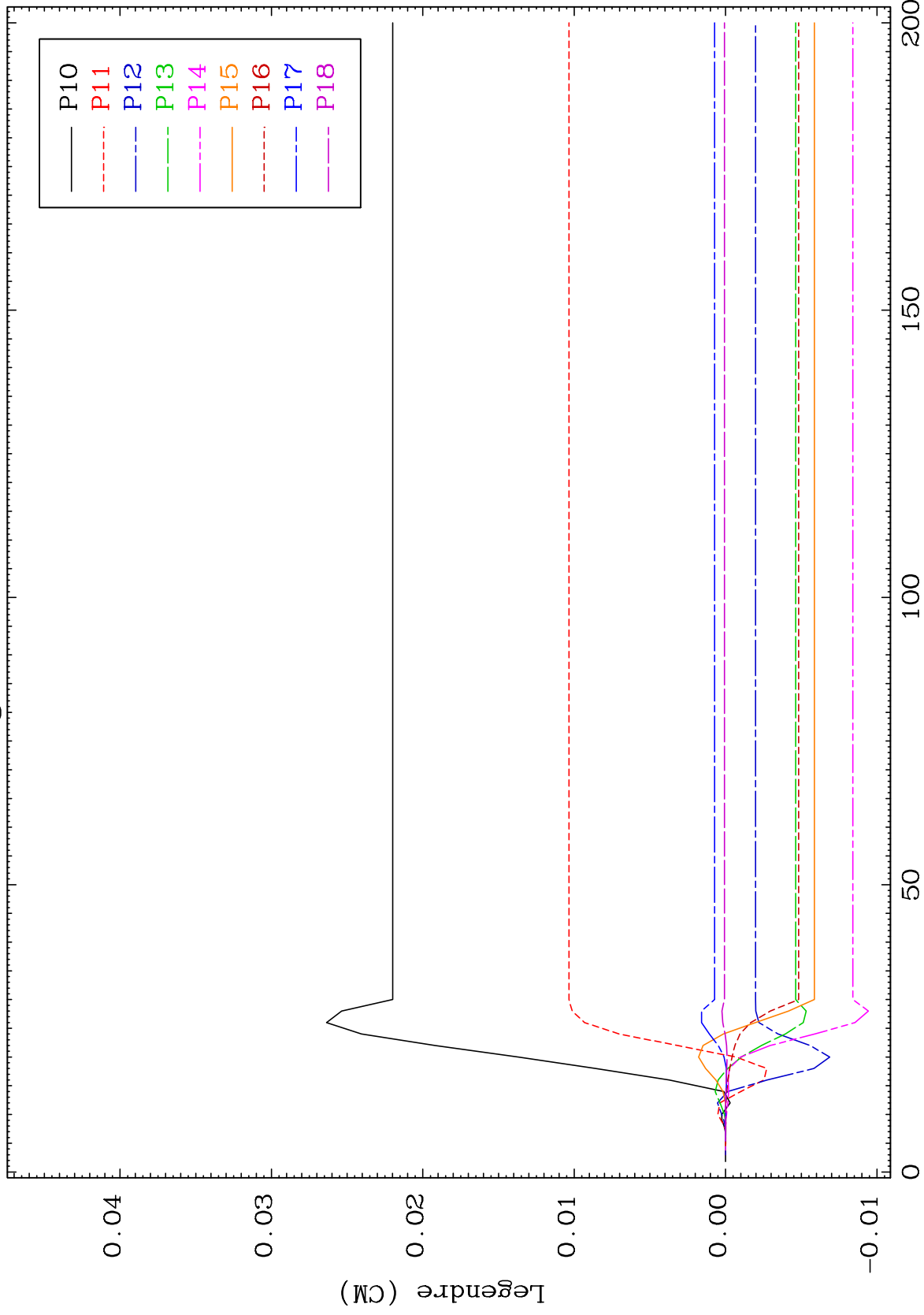
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



24

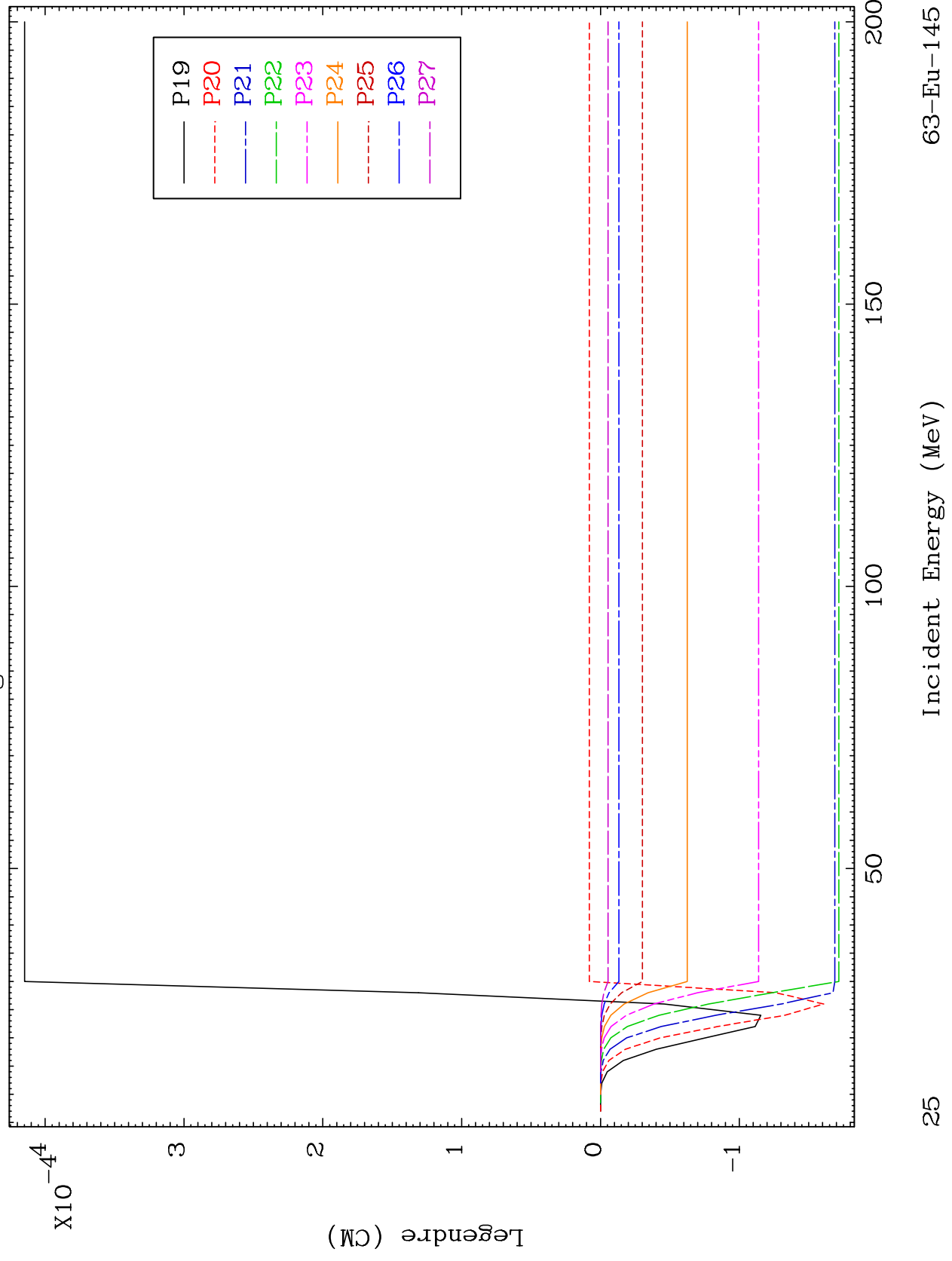
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

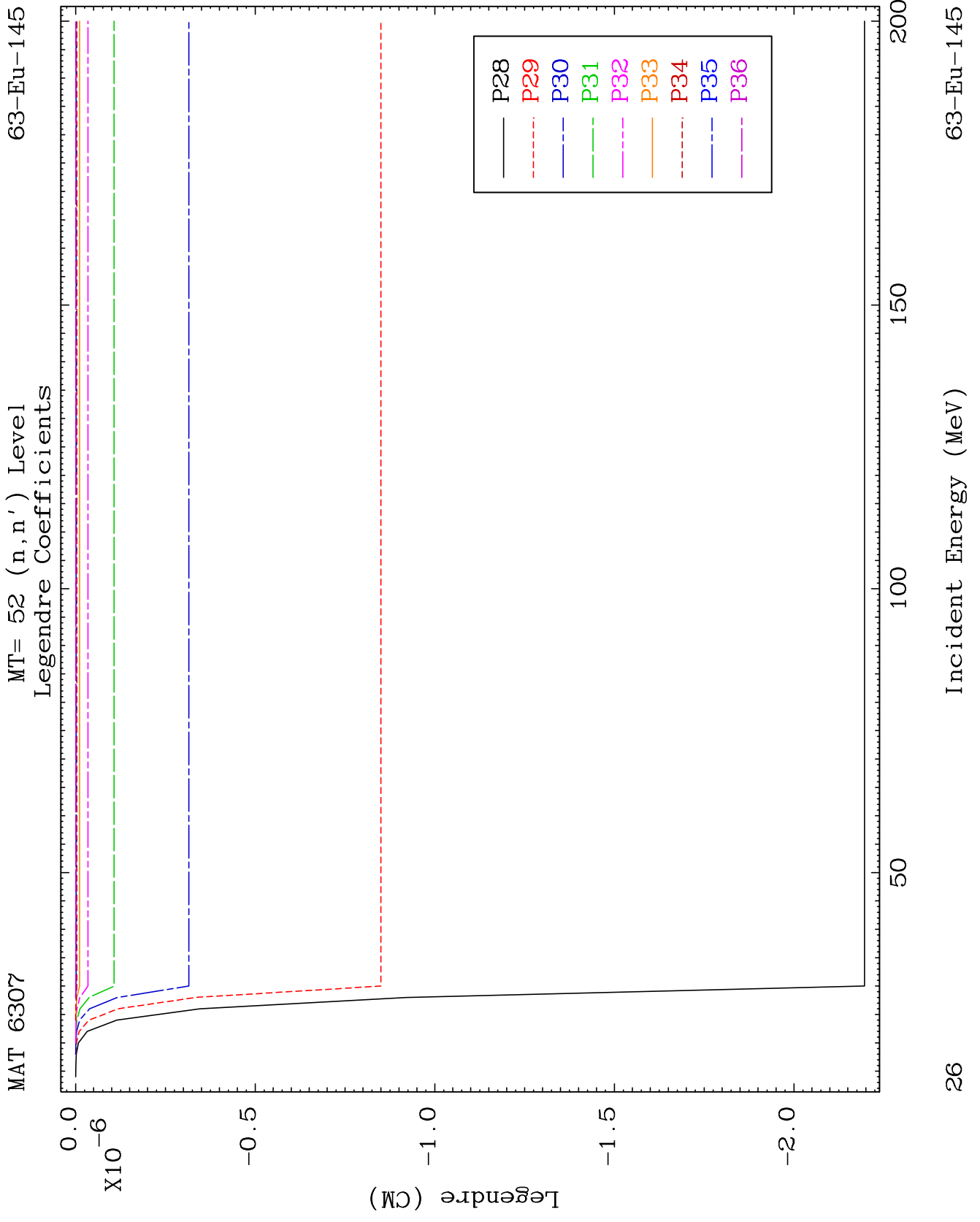
63-Eu-145



25

Incident Energy (MeV)

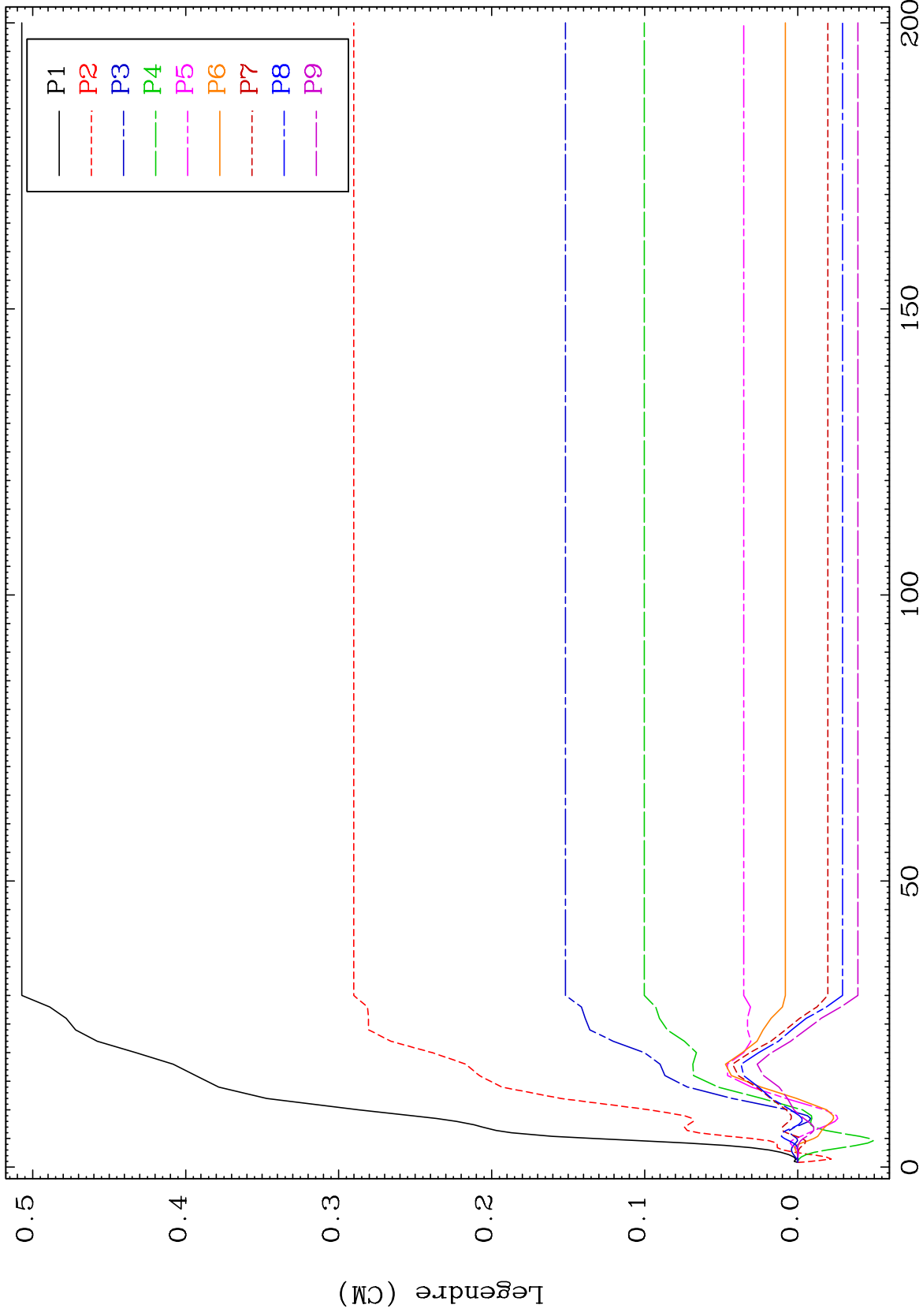
63-Eu-145



MAT 6307

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

63-Eu-145



27

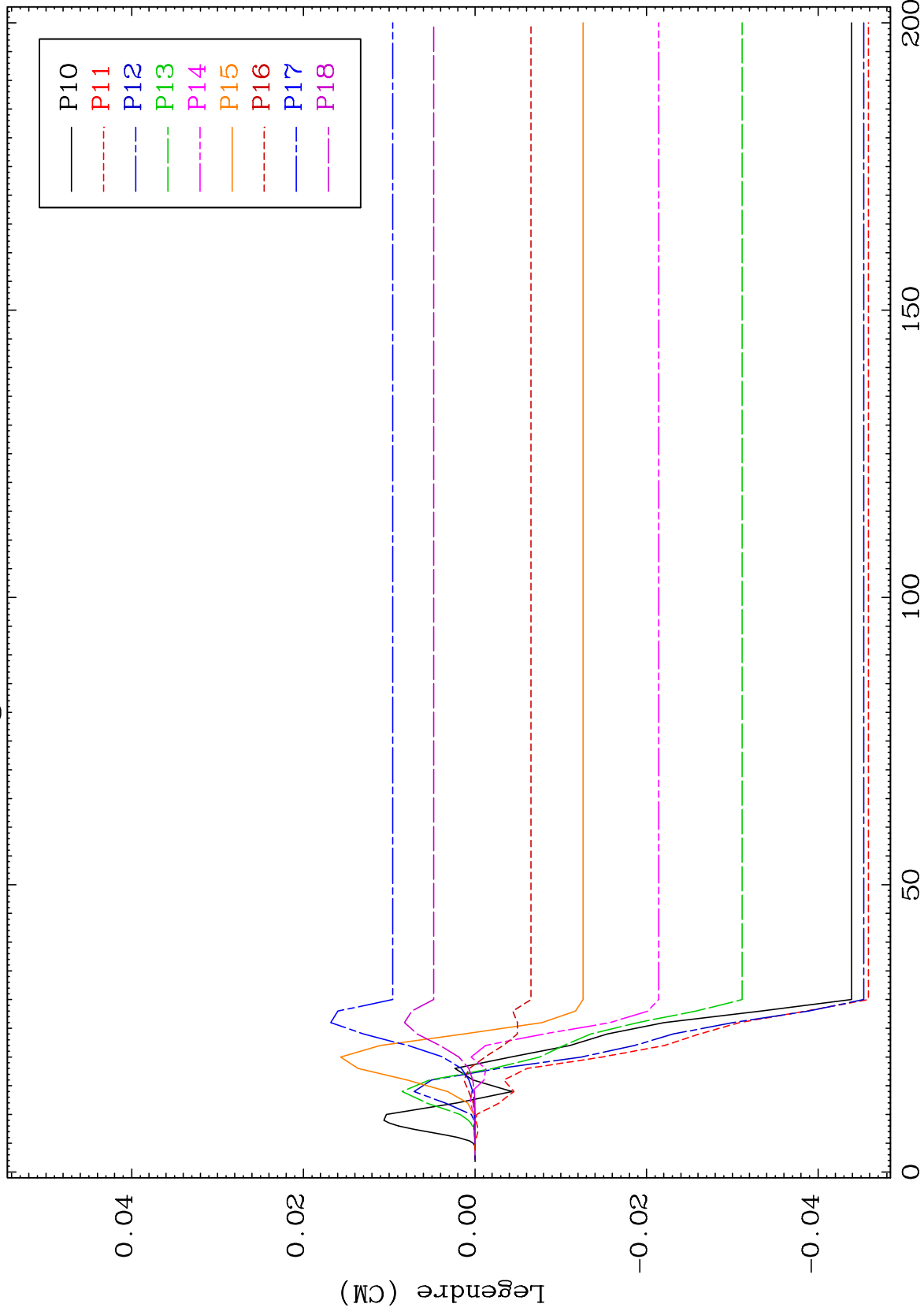
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

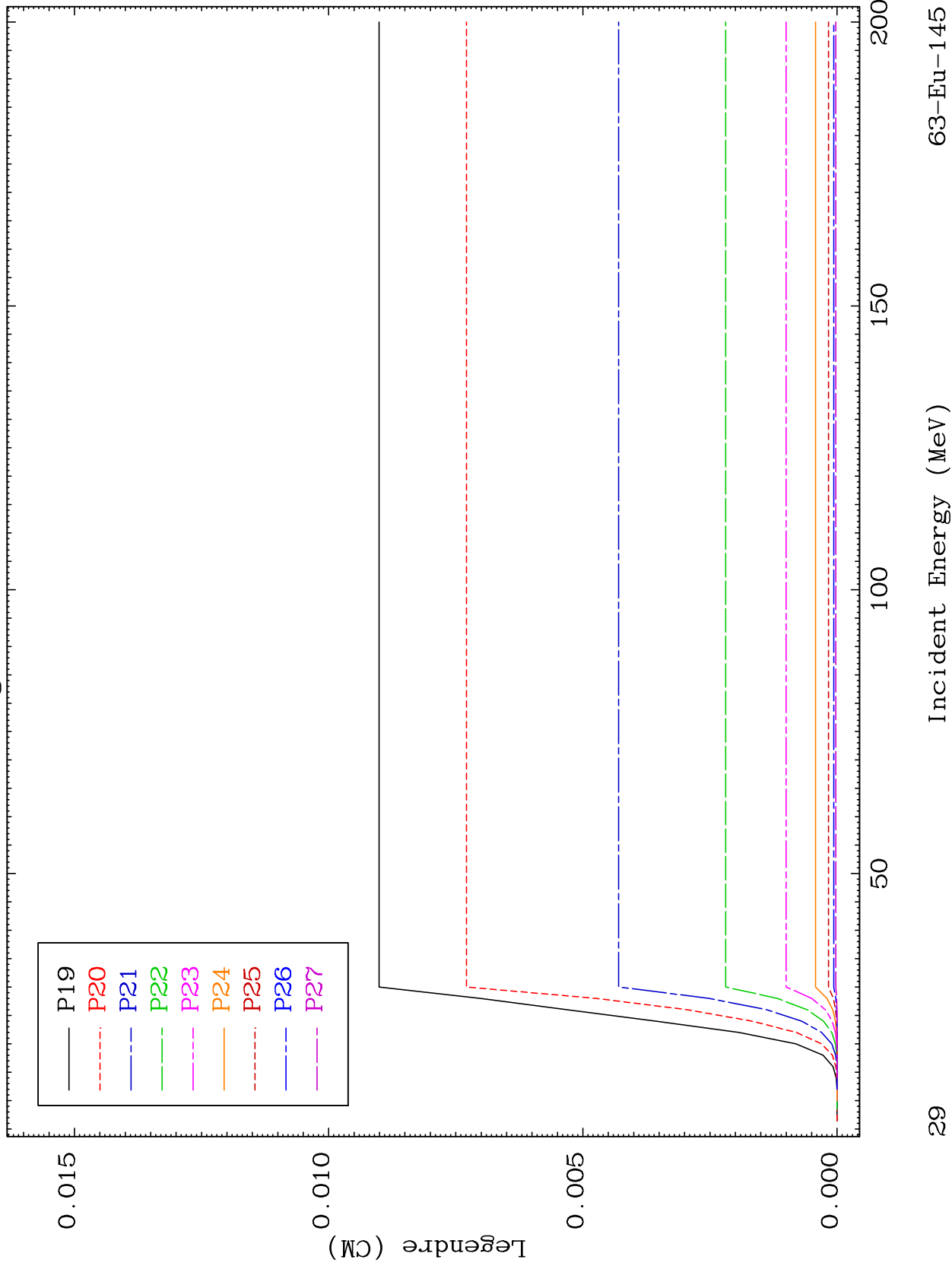
63-Eu-145



28

Incident Energy (MeV)

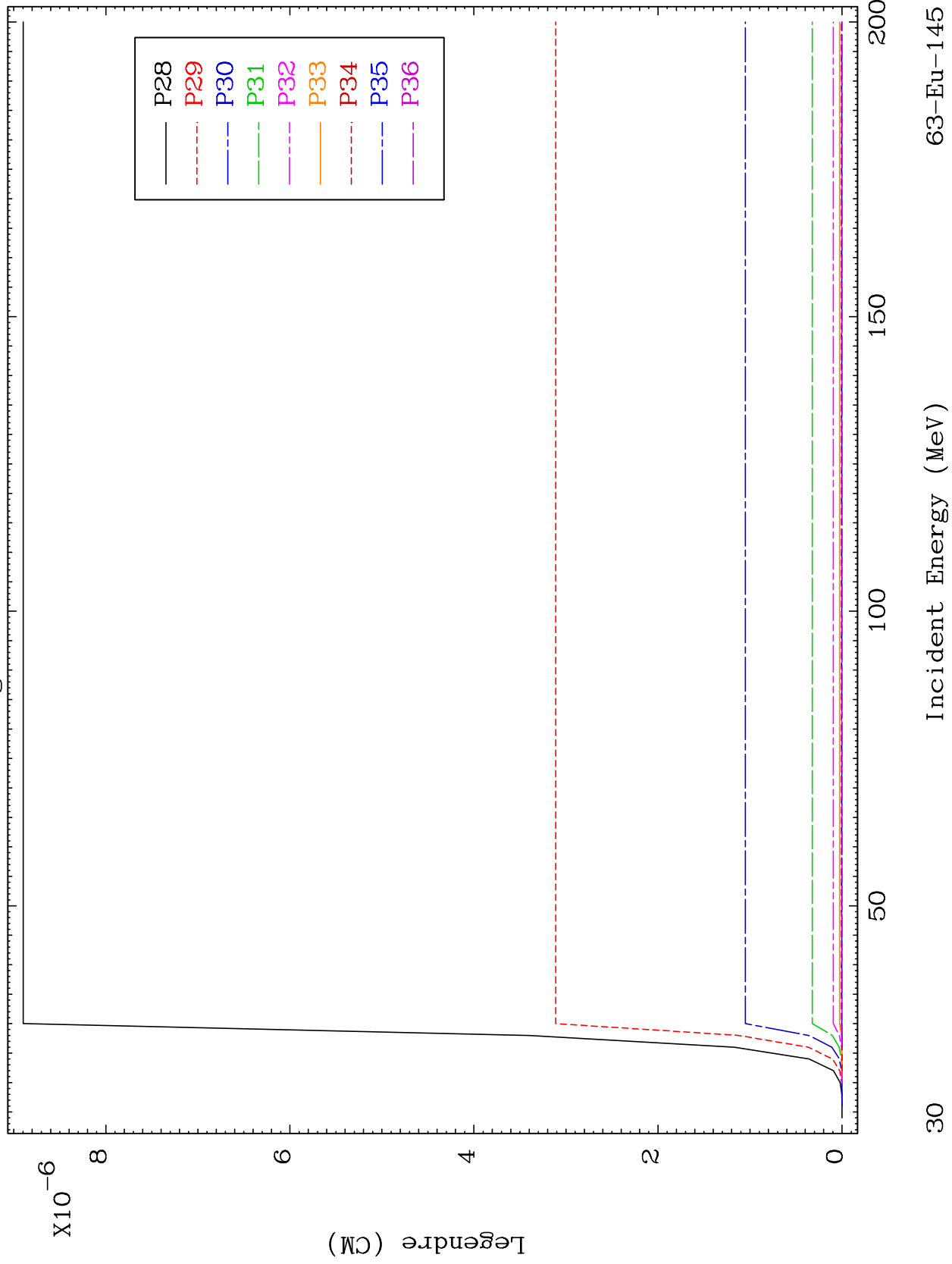
63-Eu-145

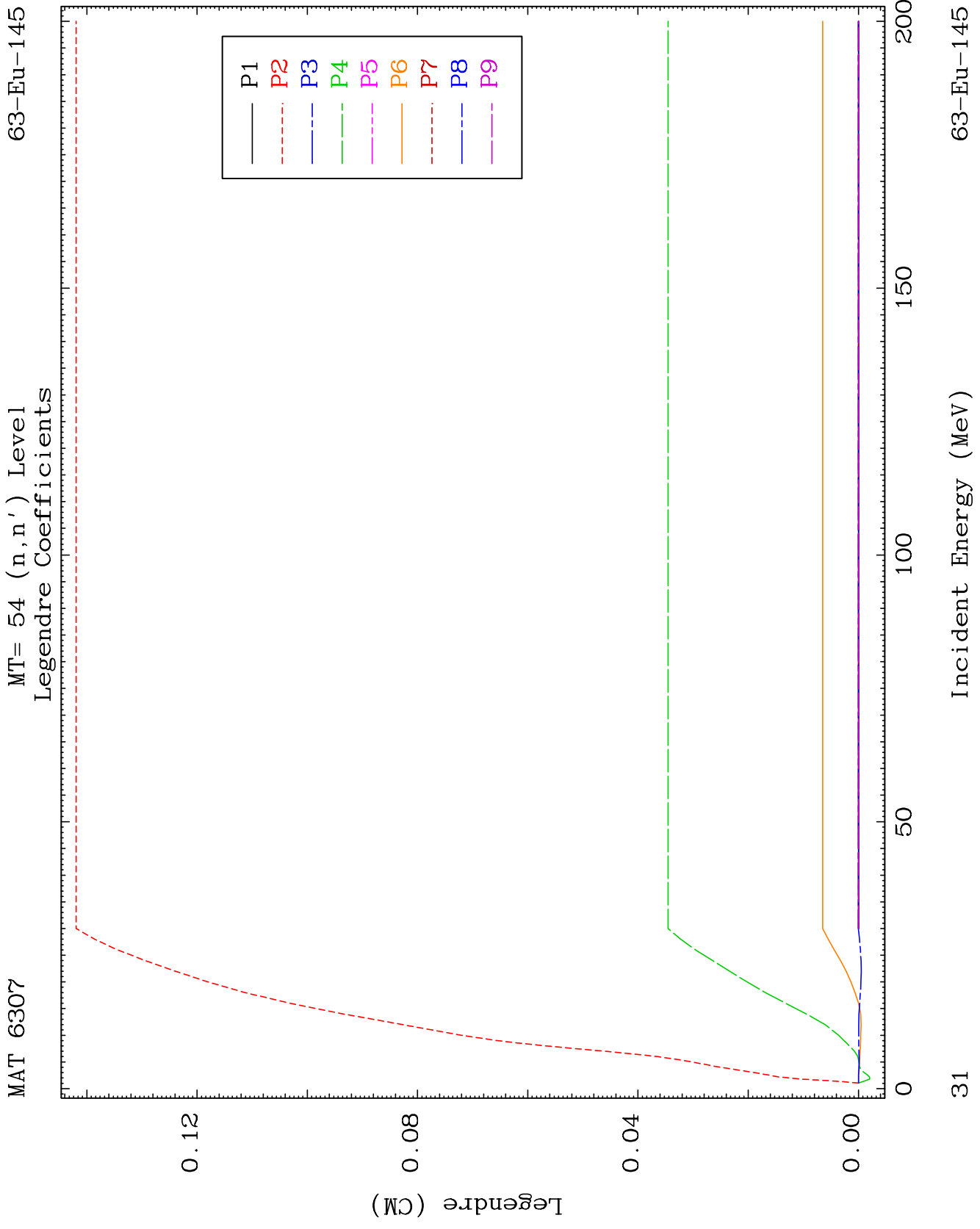


MAT 6307

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

63-Eu-145

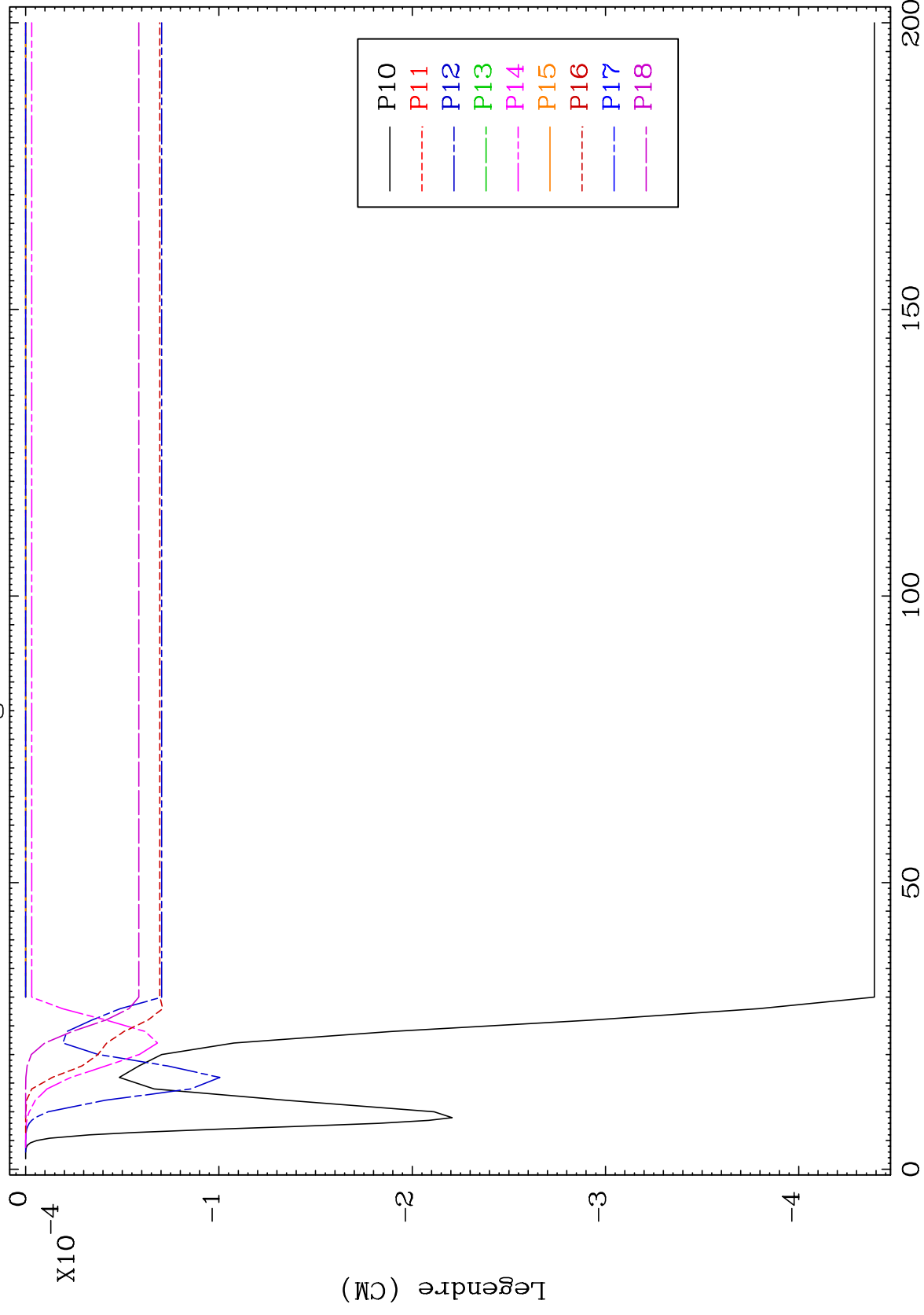




MAT 6307

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

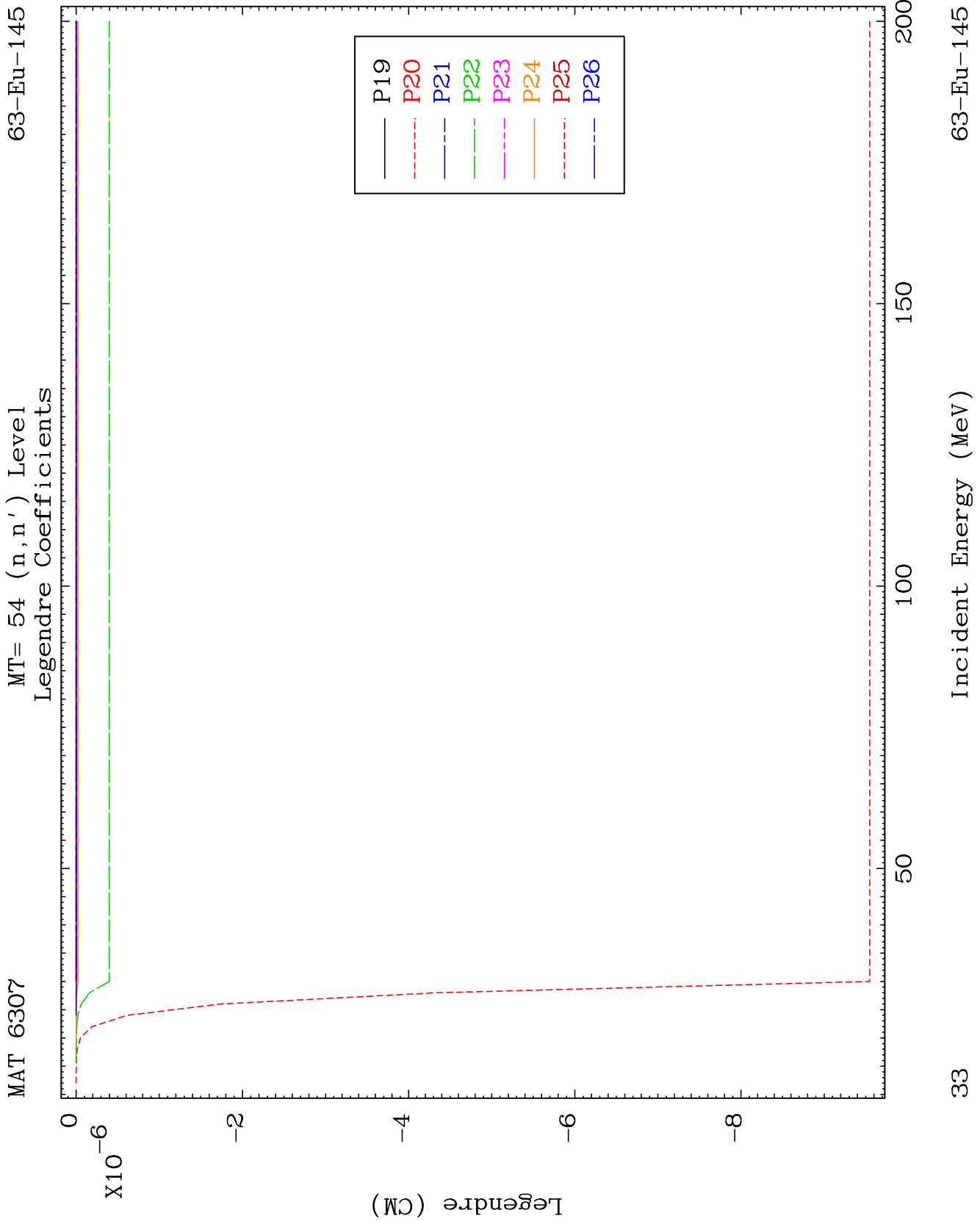
63-Eu-145



32

Incident Energy (MeV)

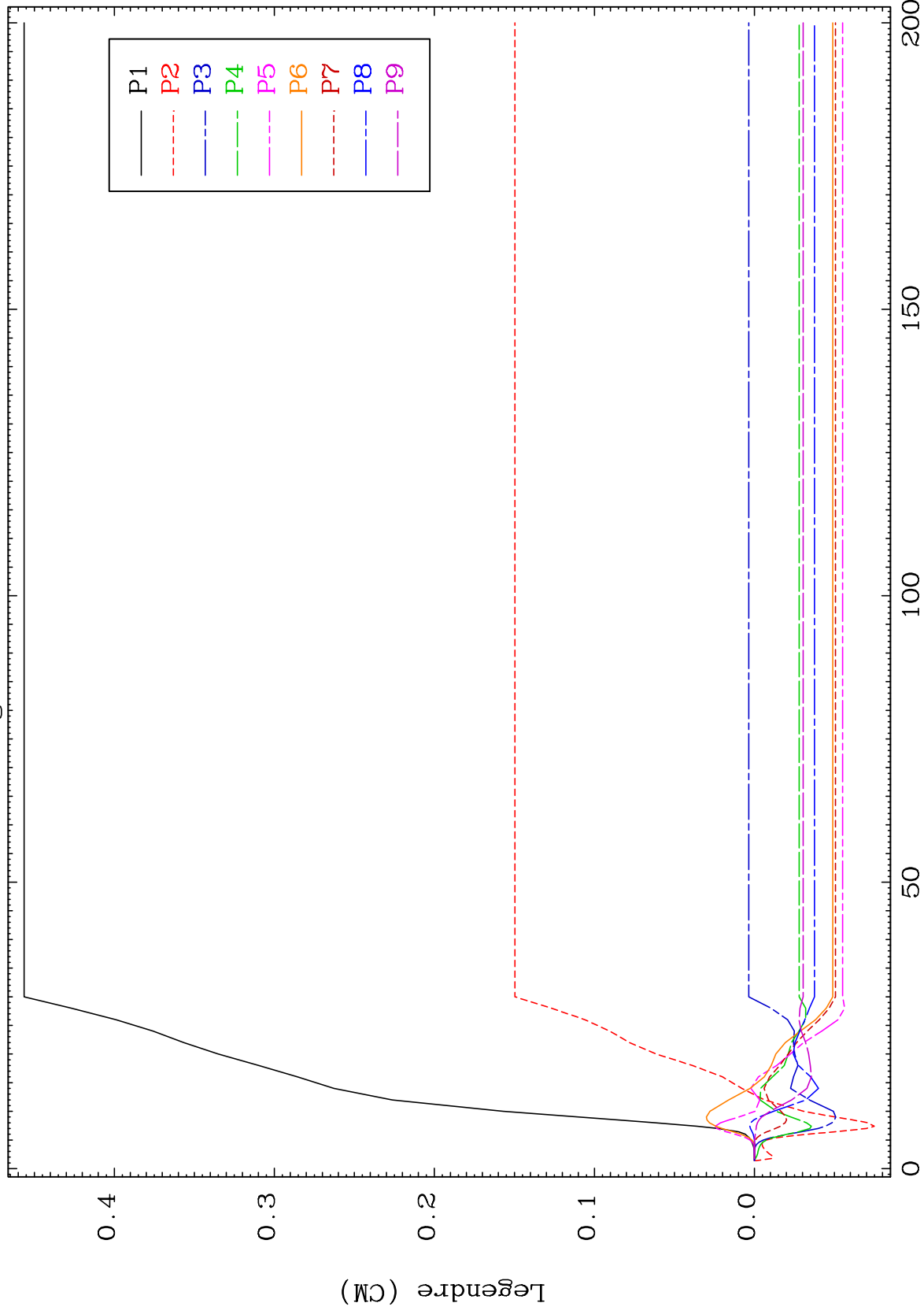
63-Eu-145



MAT 6307

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

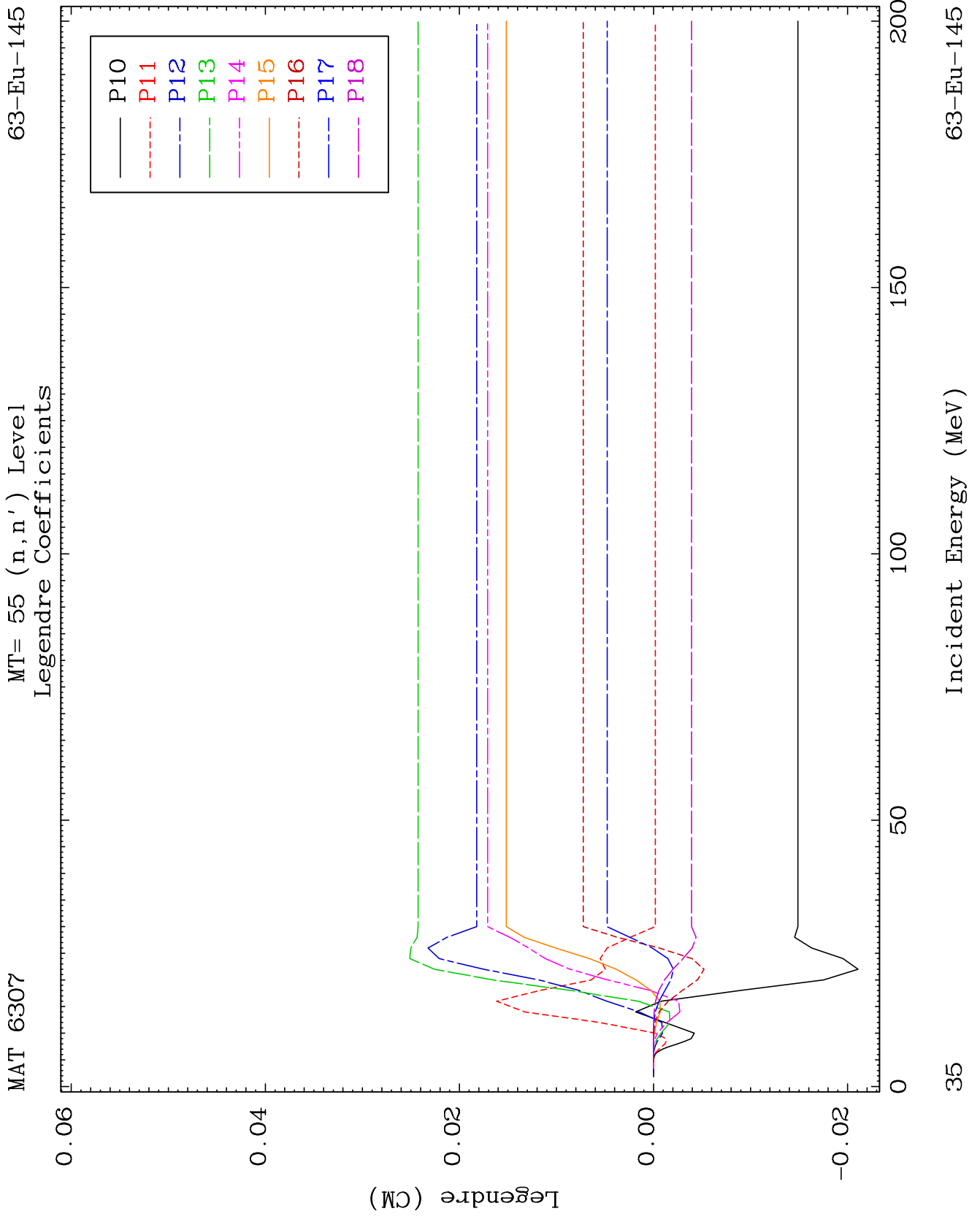
63-Eu-145



34

Incident Energy (MeV)

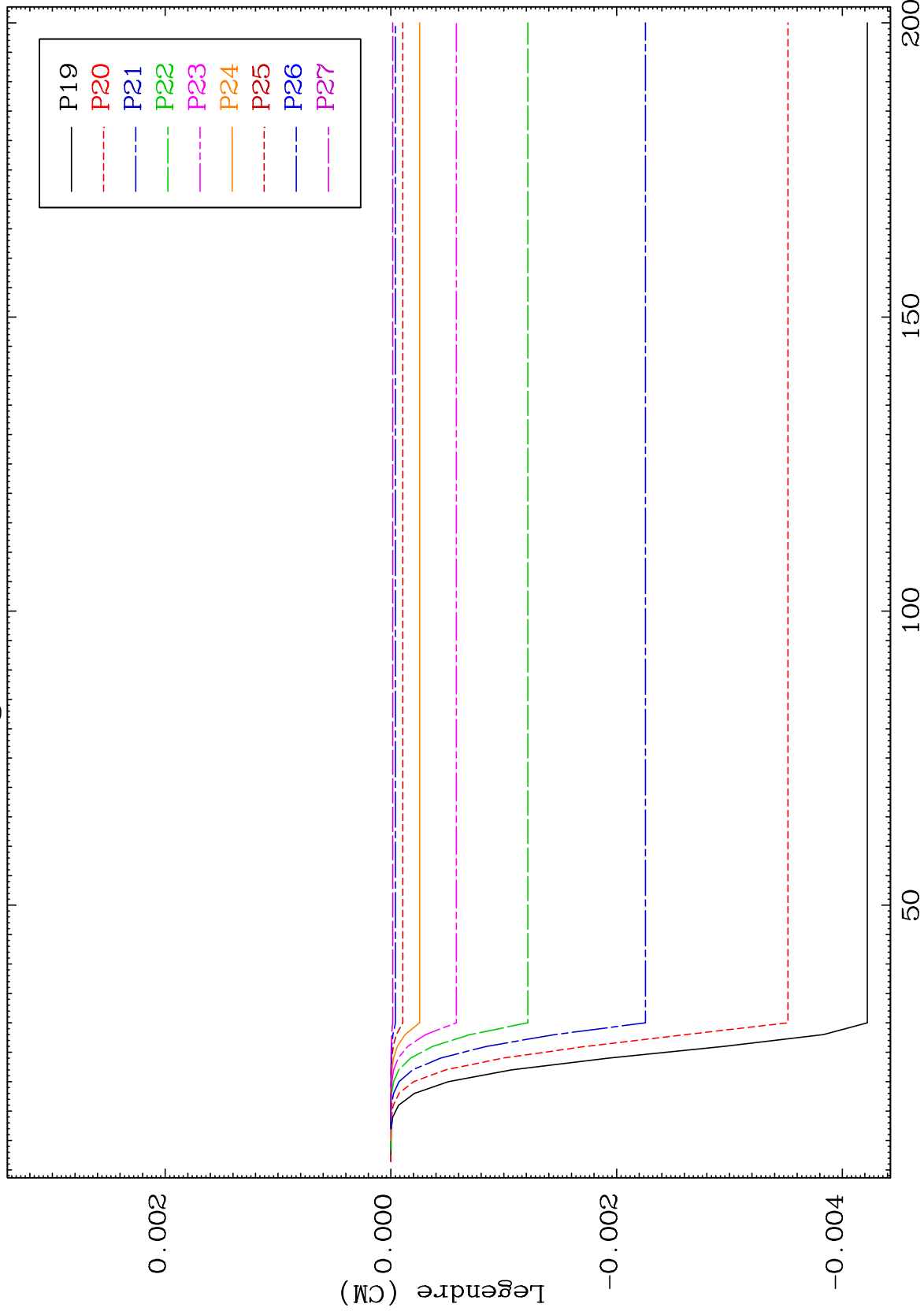
63-Eu-145



MAT 6307

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

63-Eu-145



36

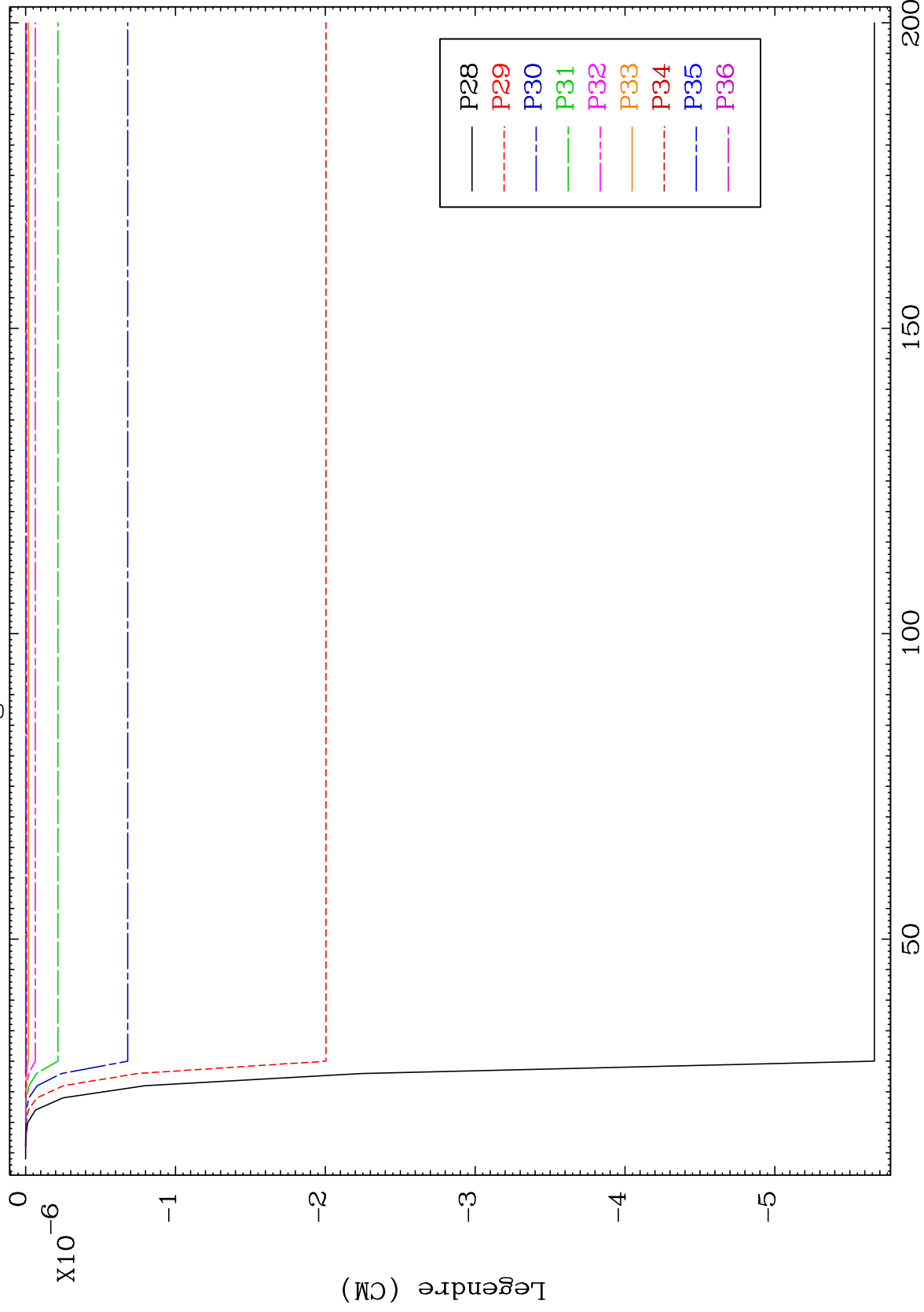
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

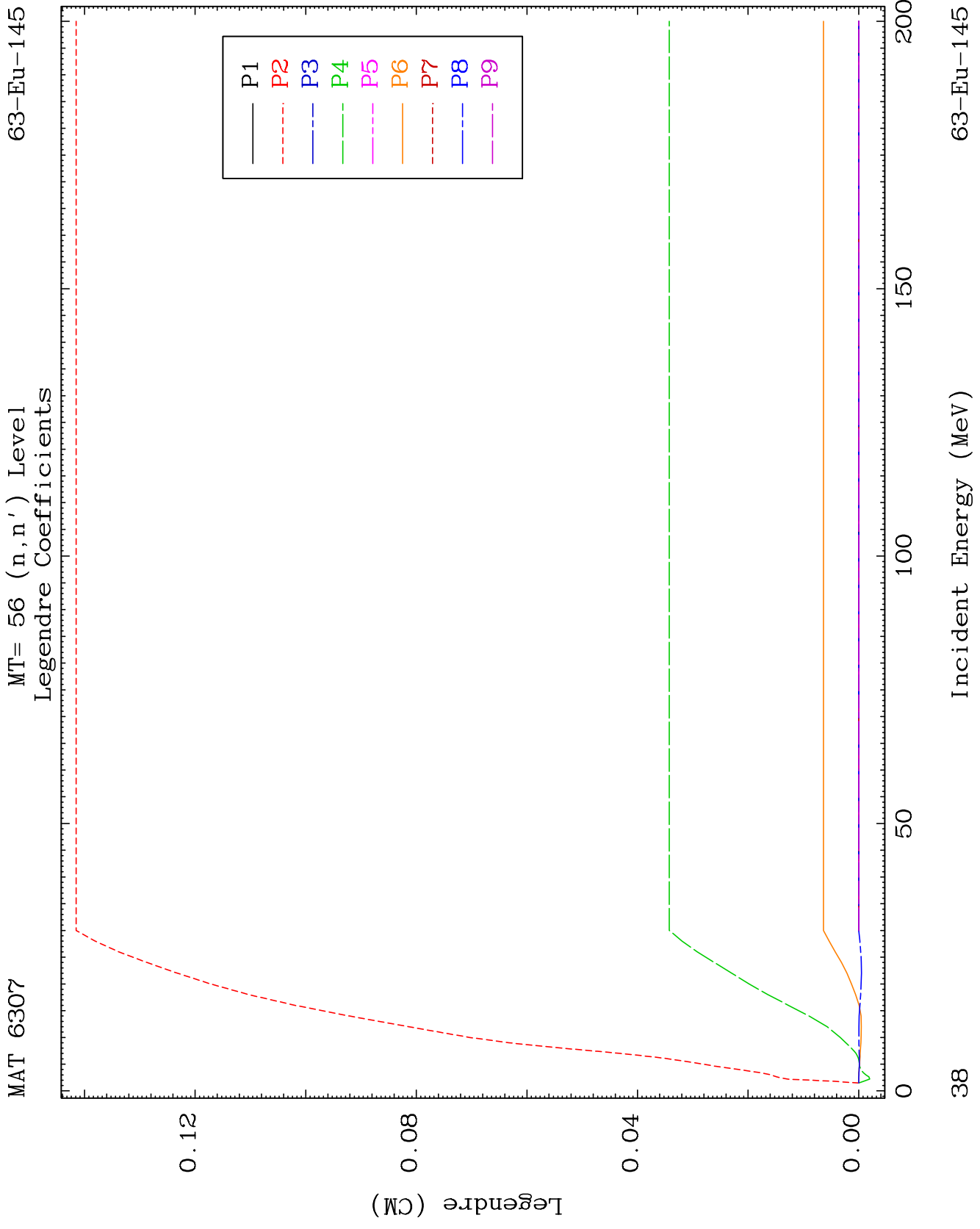
63-Eu-145



37

Incident Energy (MeV)

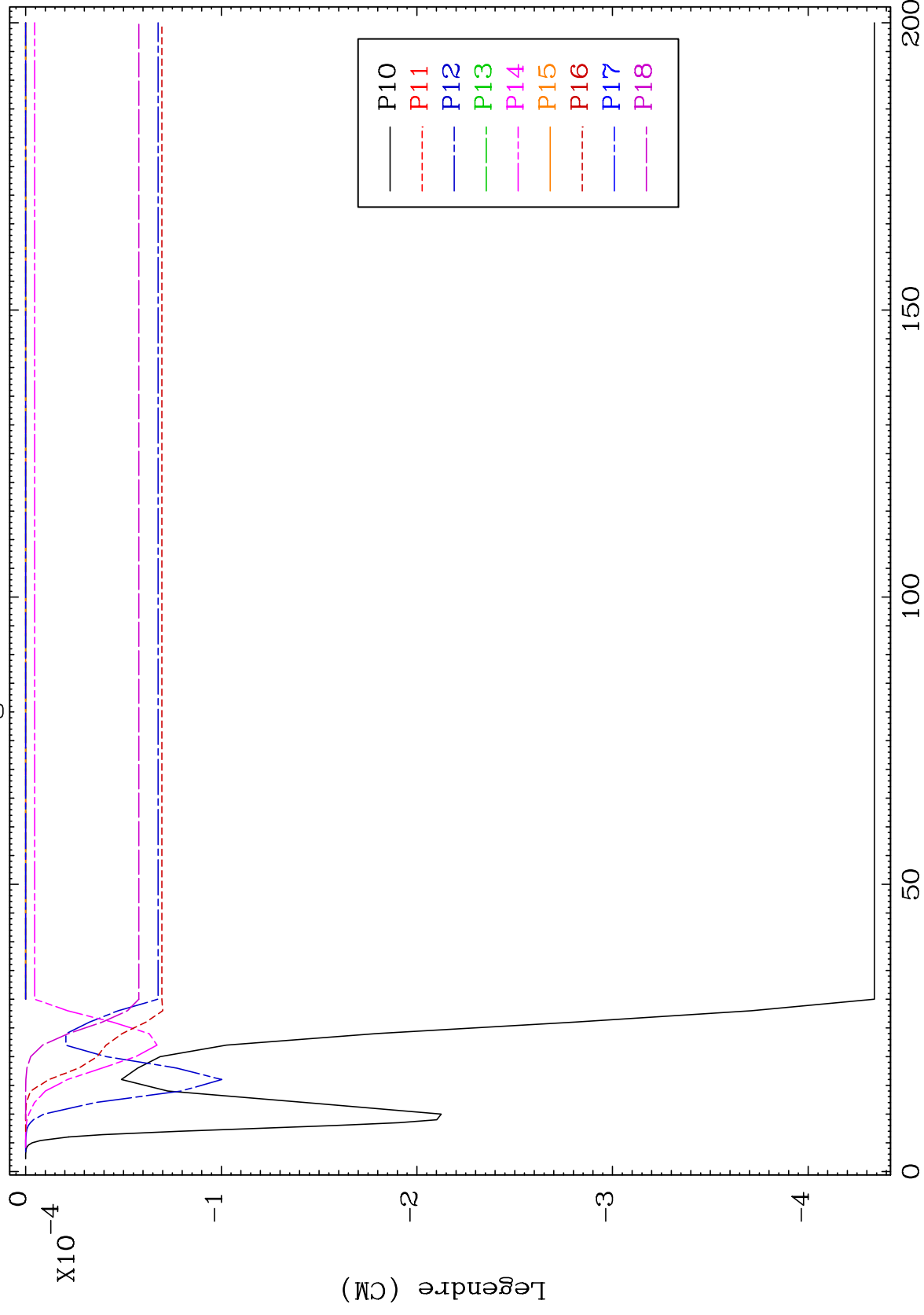
63-Eu-145



MAT 6307

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

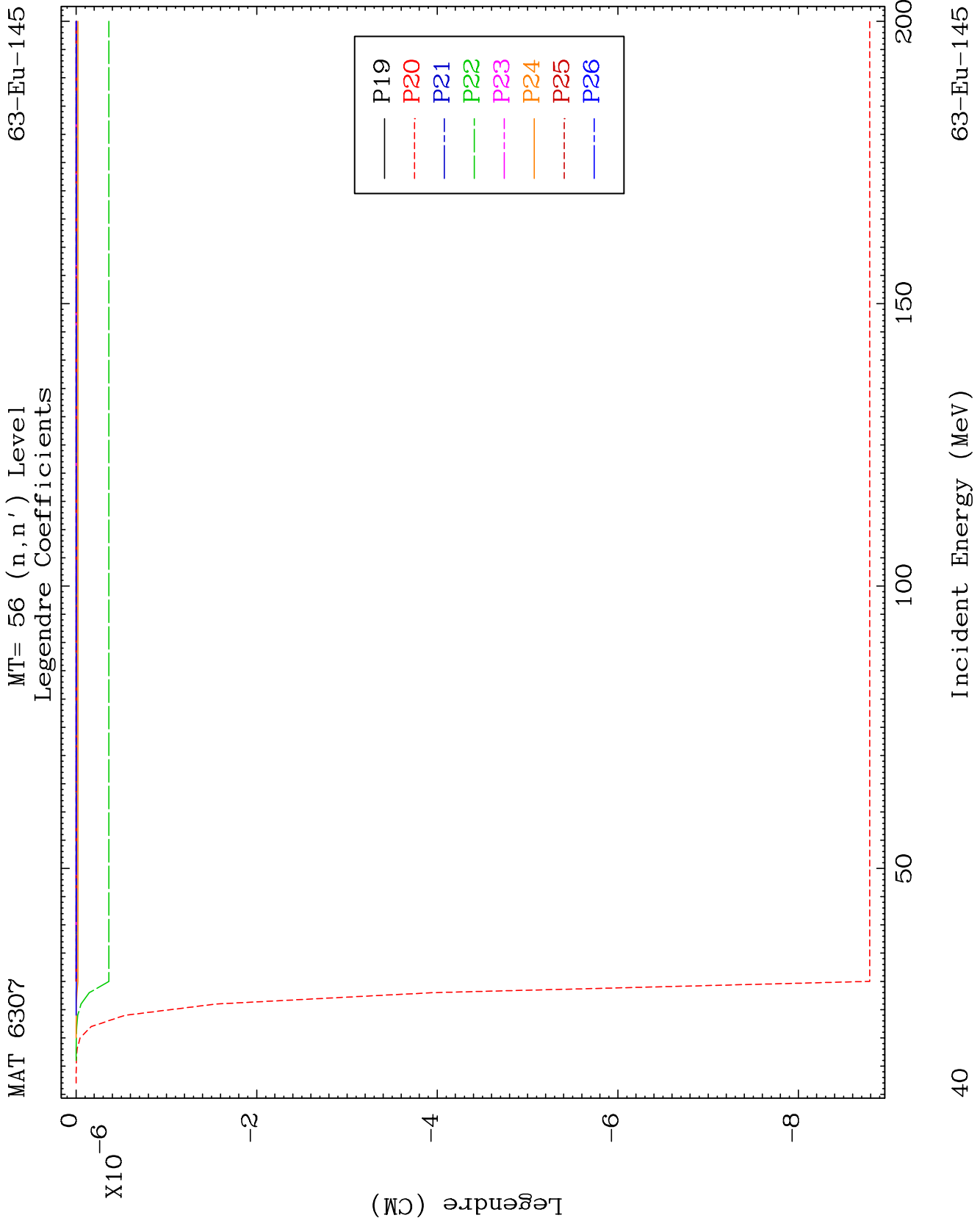
63-Eu-145

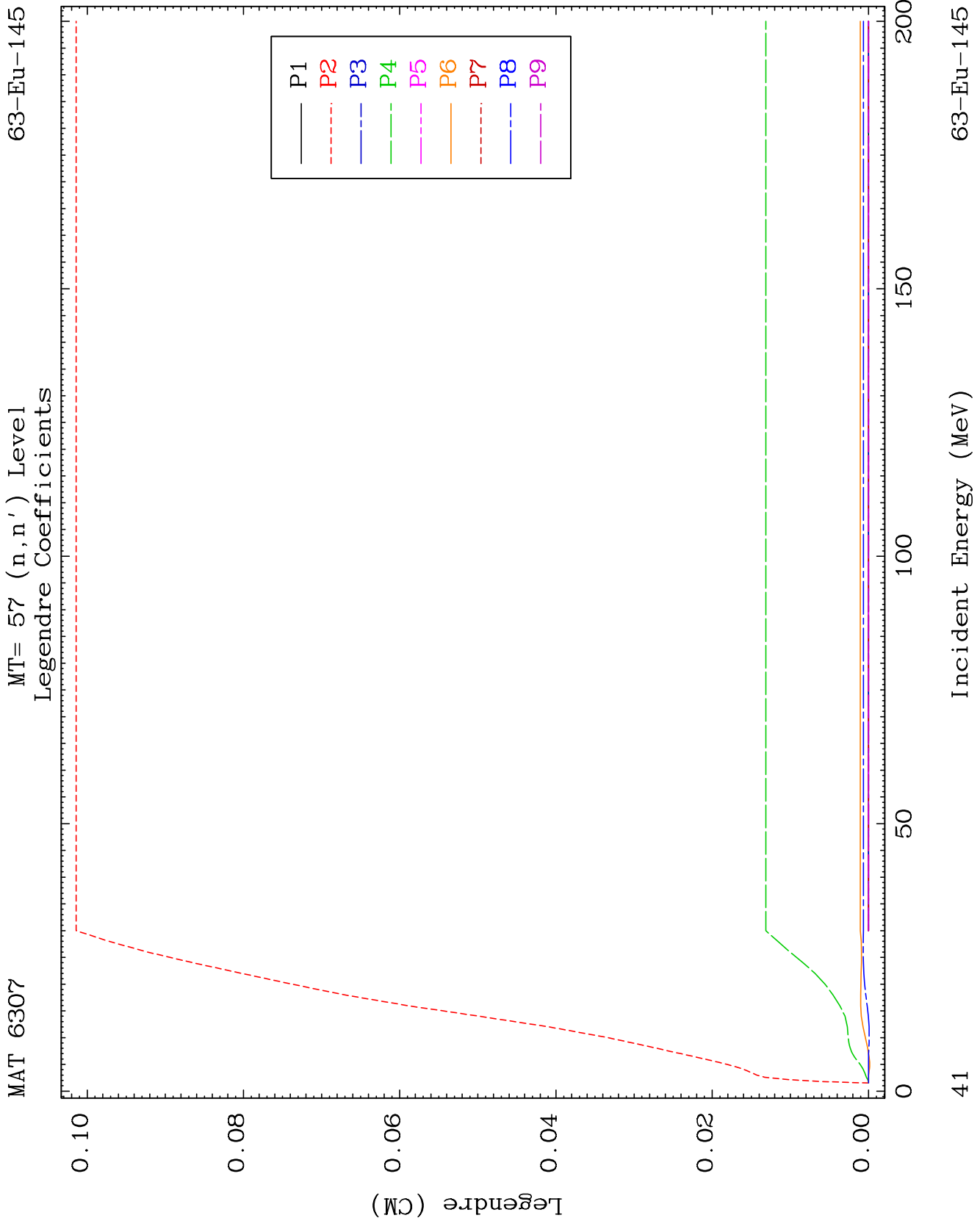


39

Incident Energy (MeV)

63-Eu-145

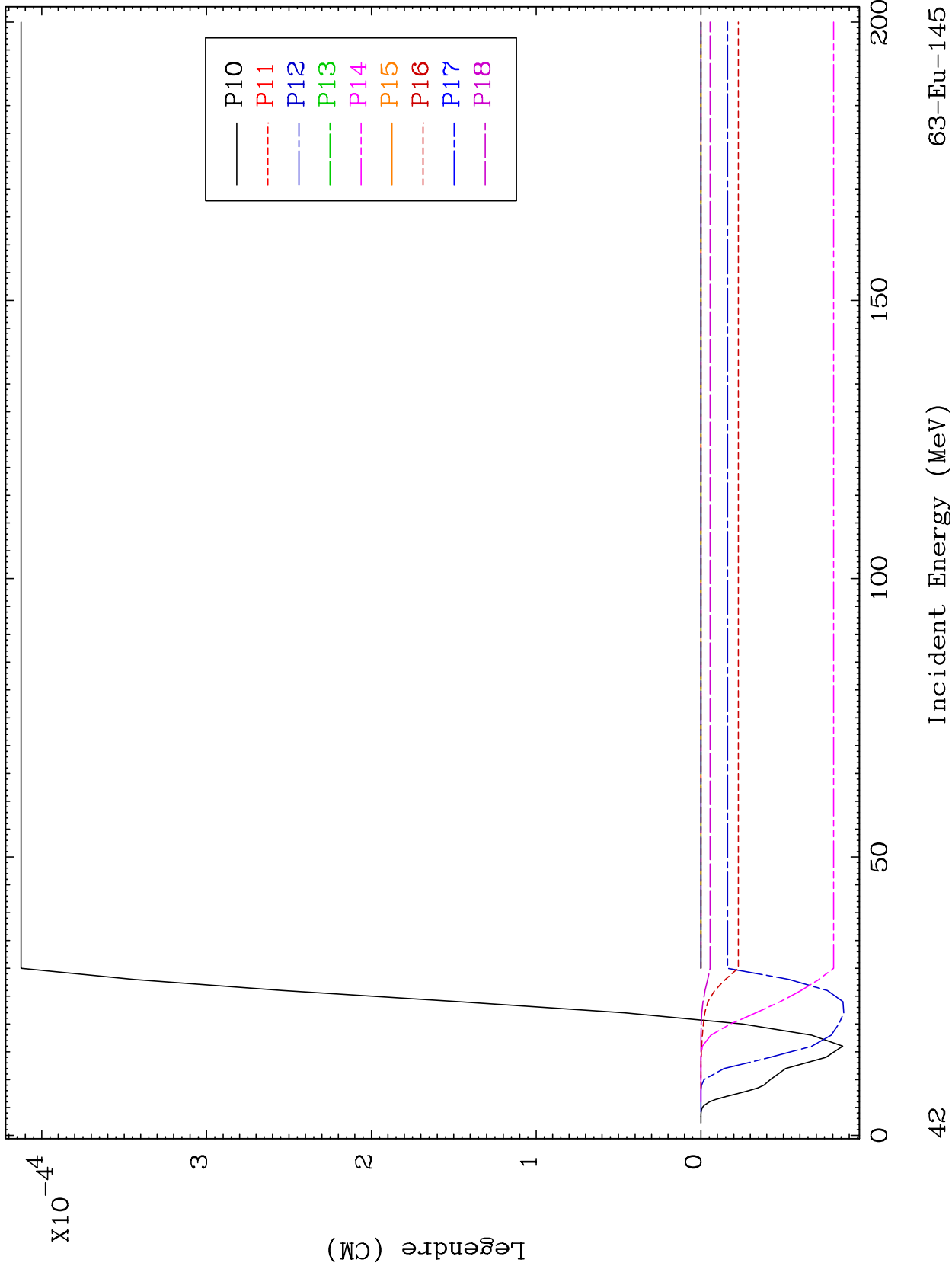




MAT 6307

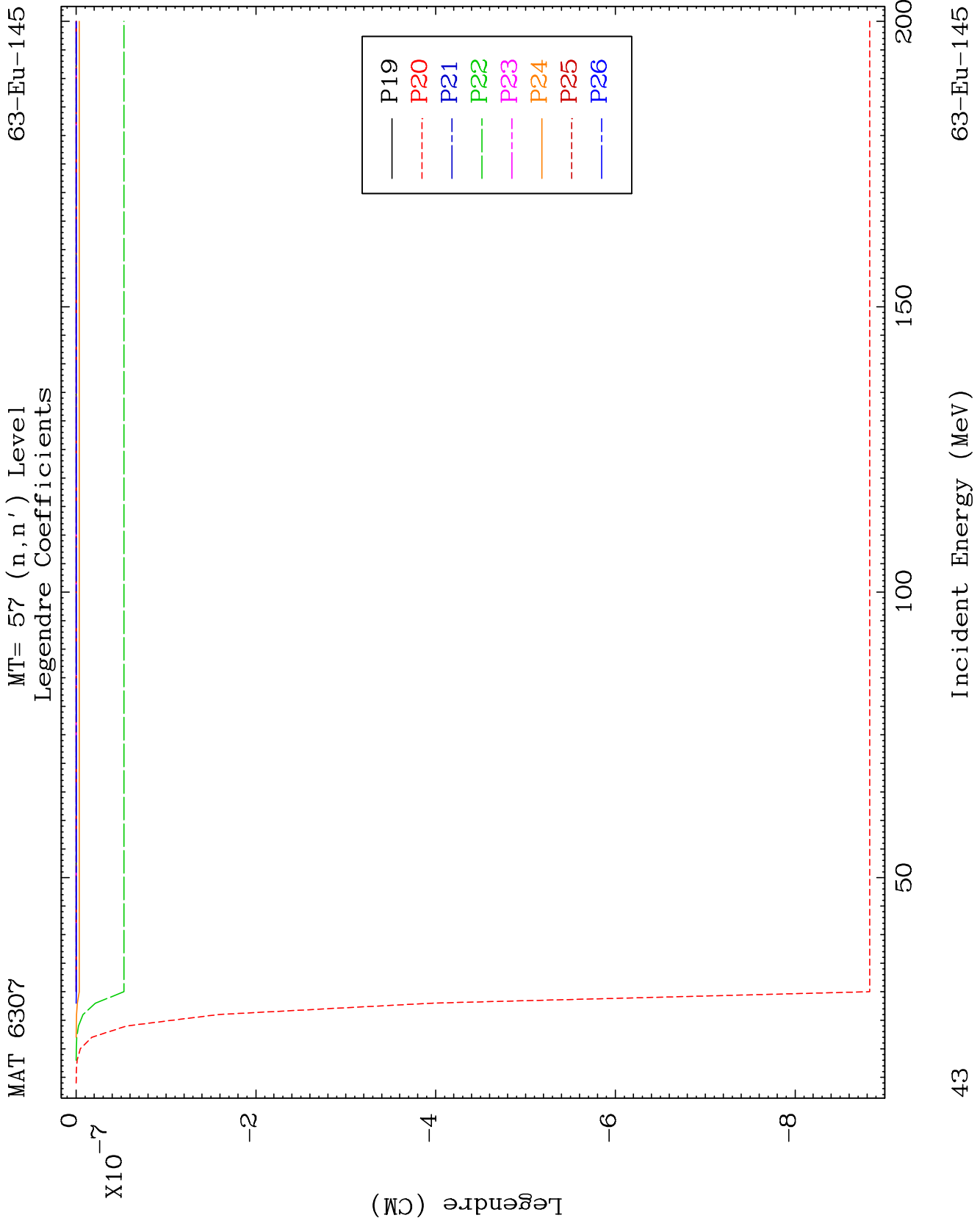
MT= 57 (n,n') Level
Legendre Coefficients

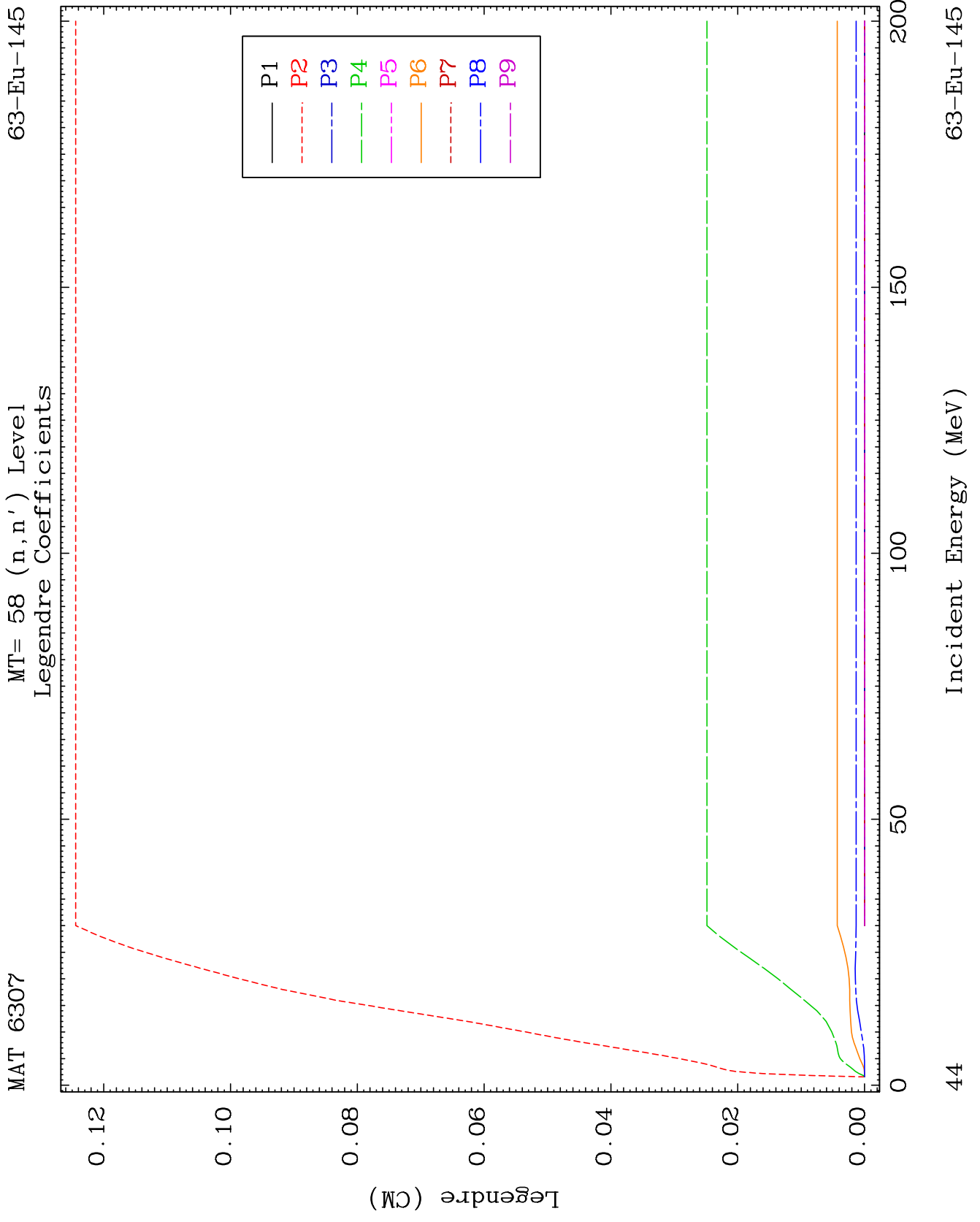
63-Eu-145



42

63-Eu-145

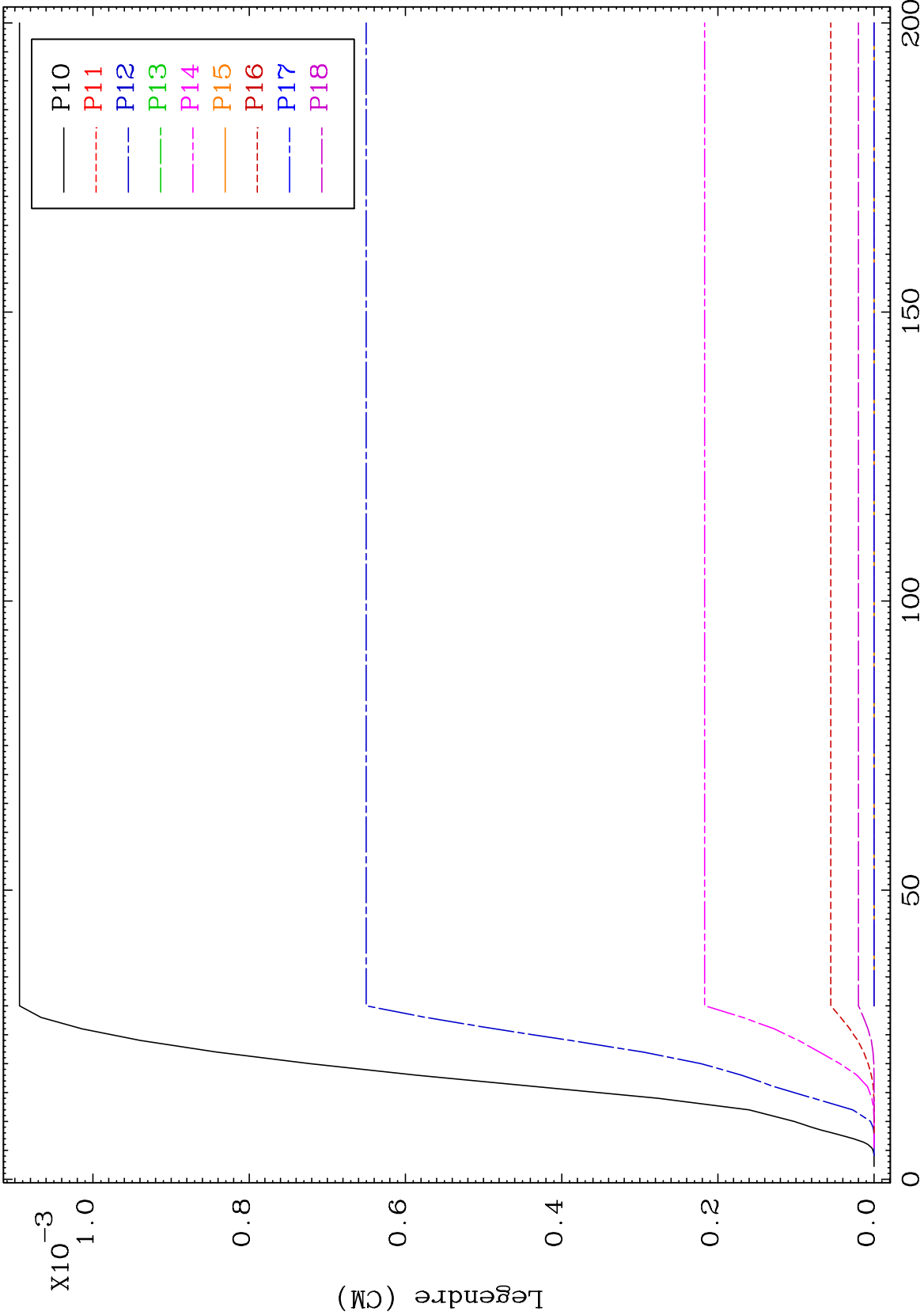




MAT 6307

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

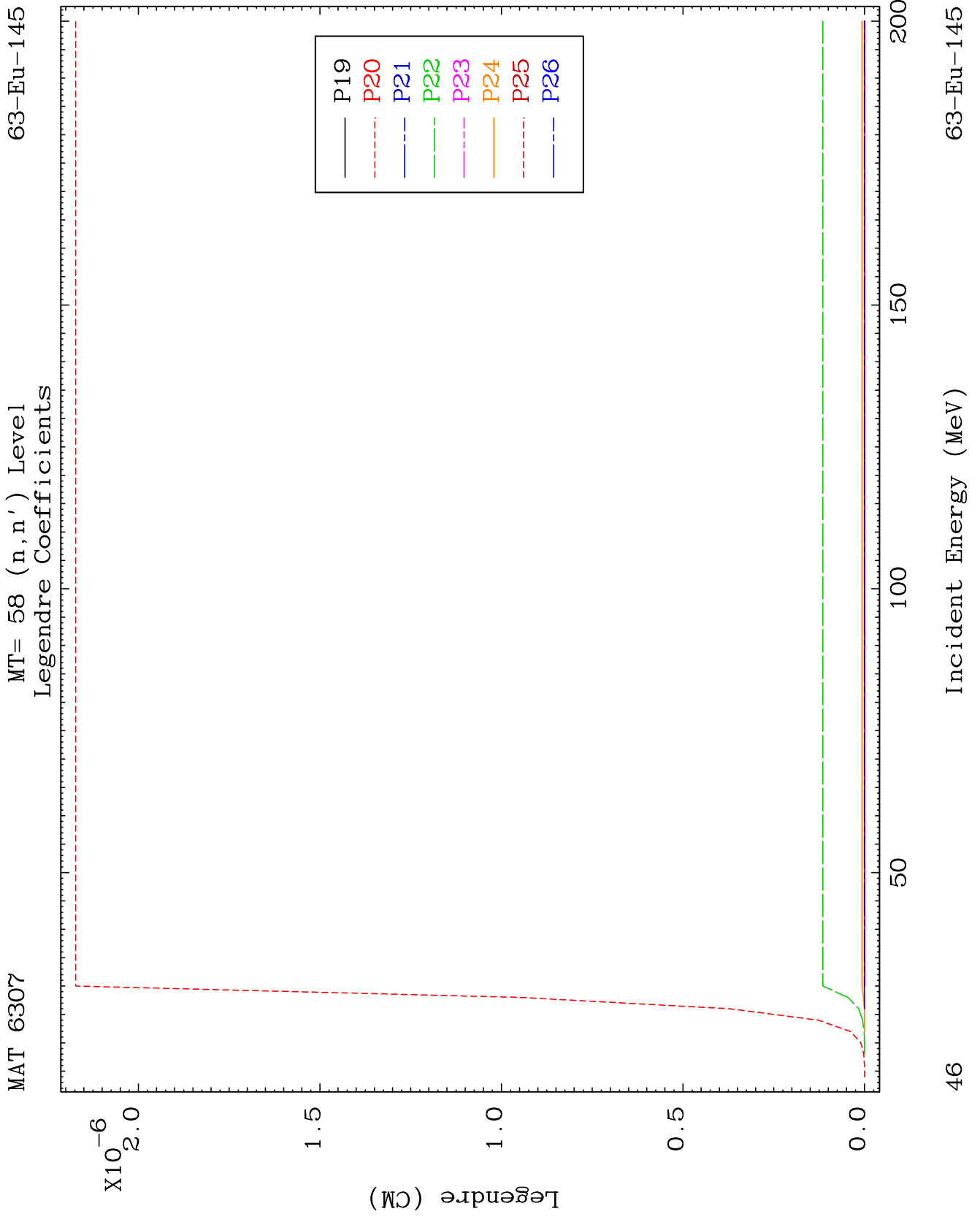
63-Eu-145



45

Incident Energy (MeV)

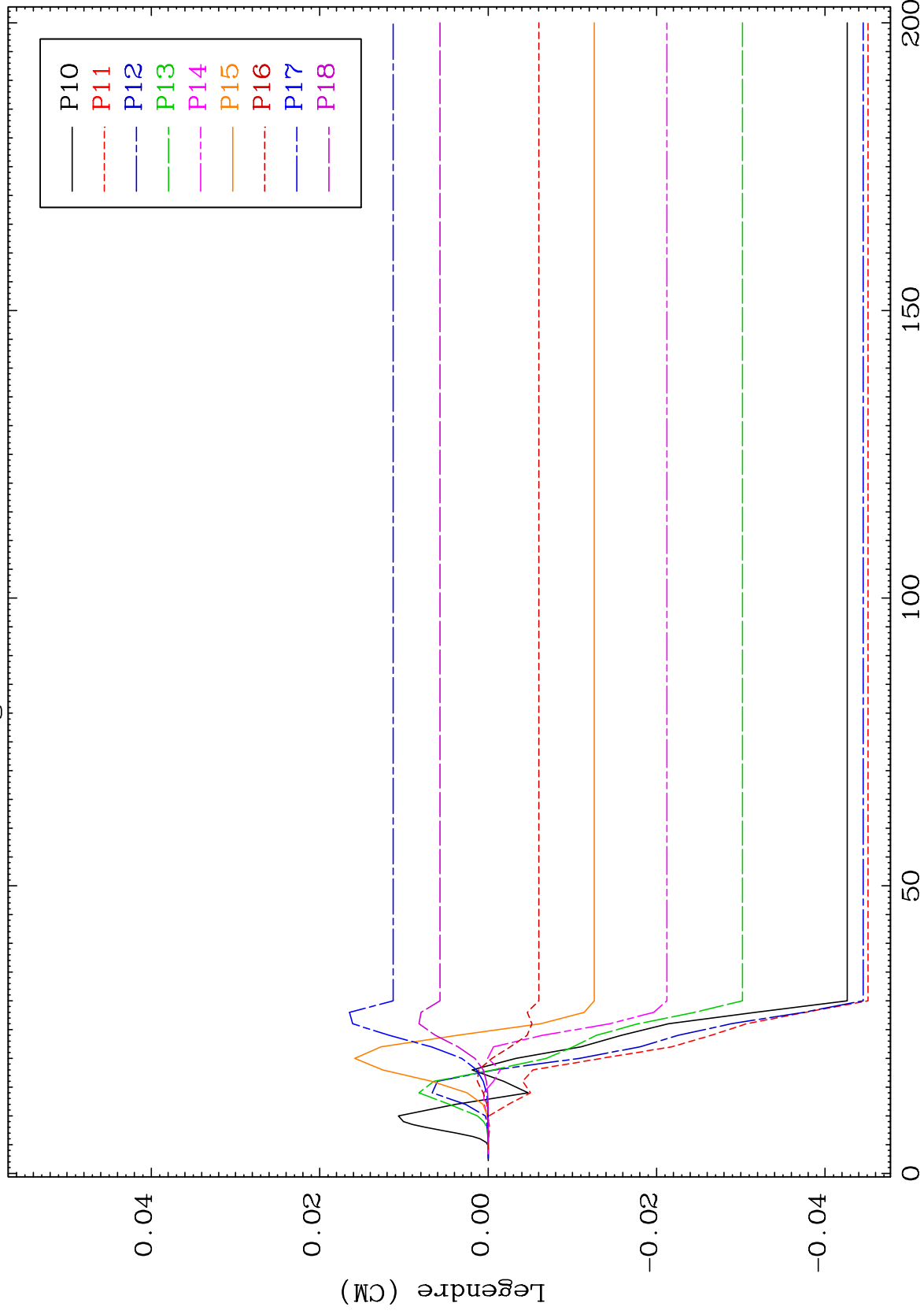
63-Eu-145



MAT 6307

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

63-Eu-145



48

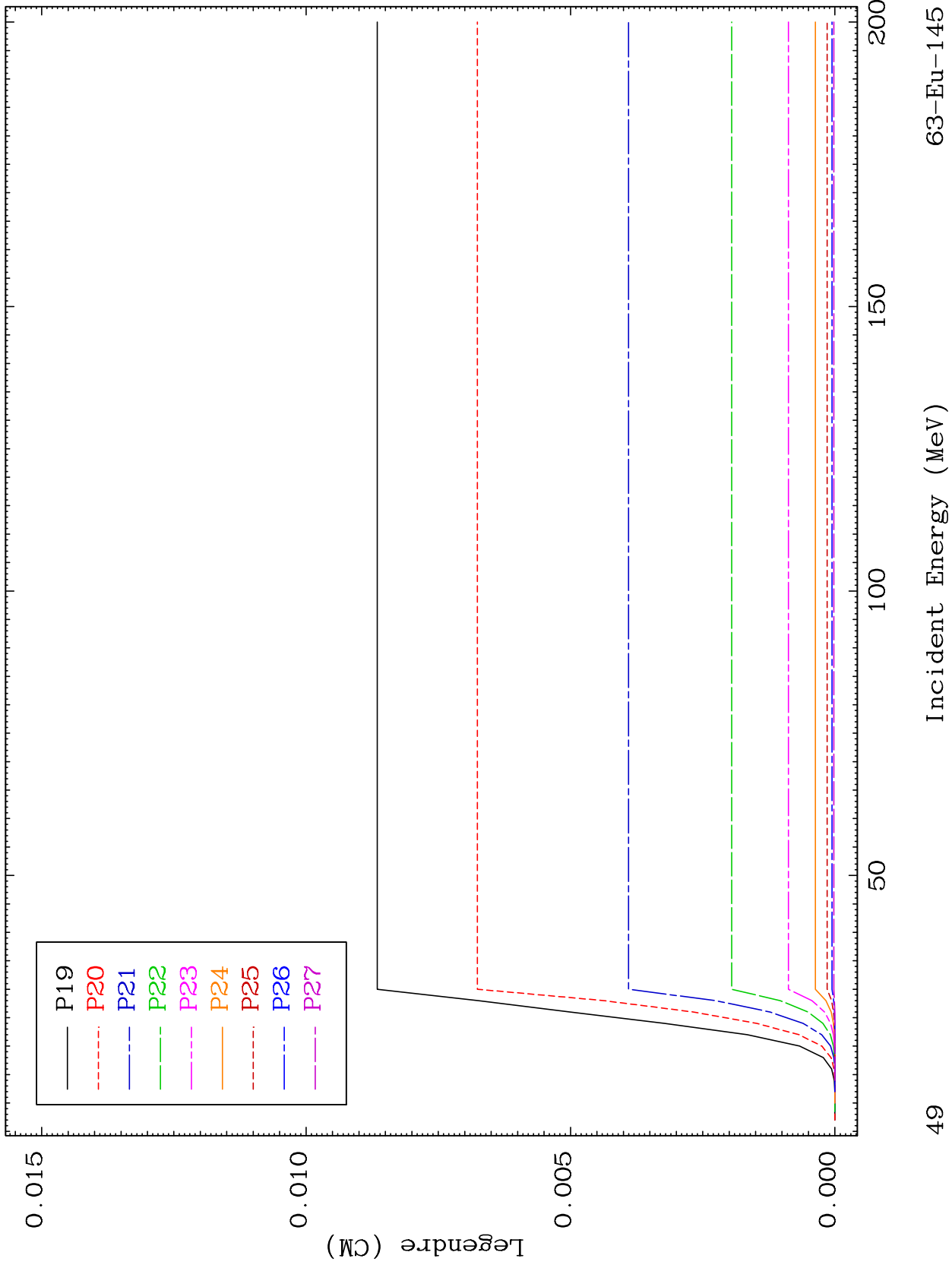
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



49

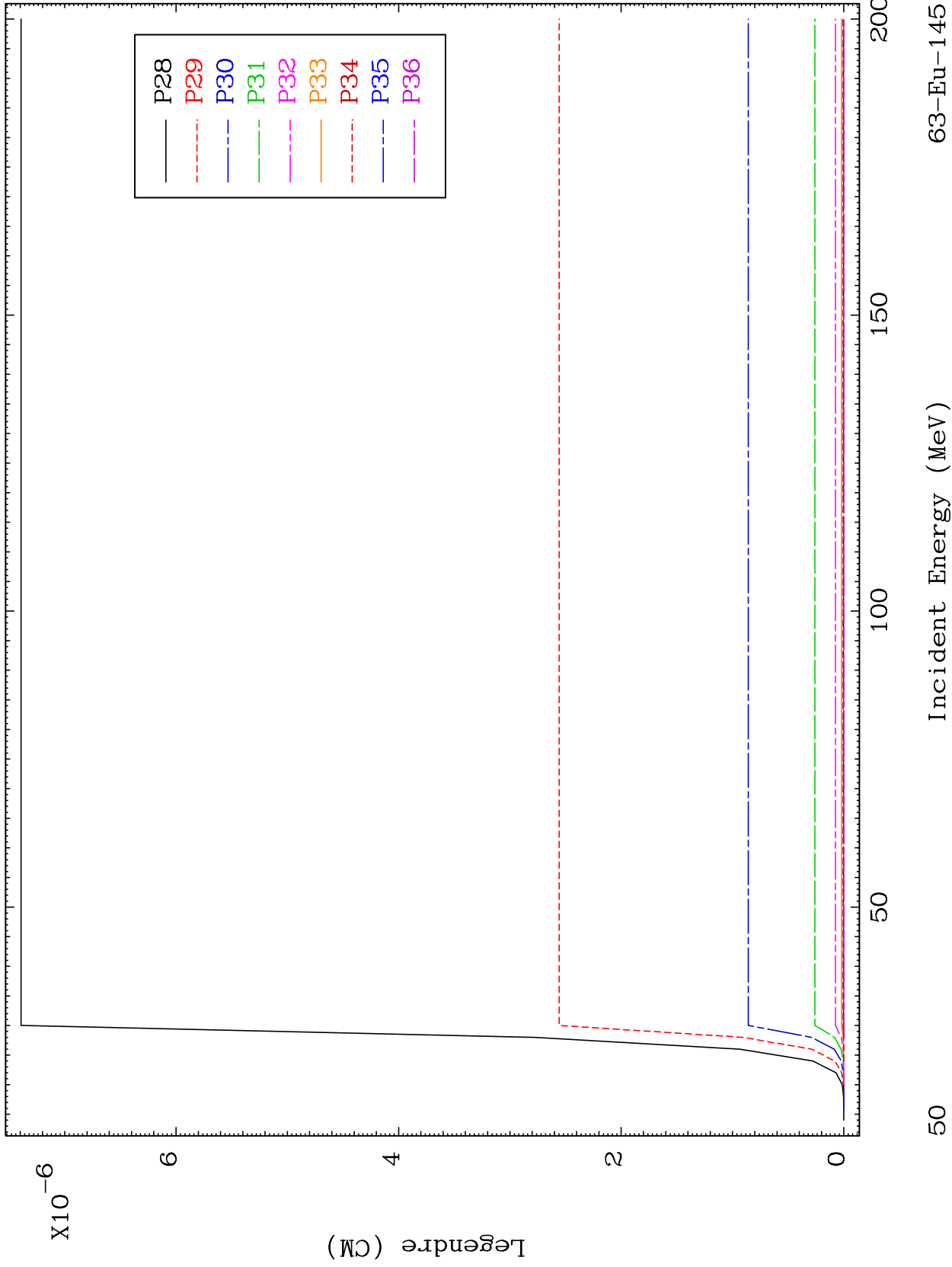
Incident Energy (MeV)

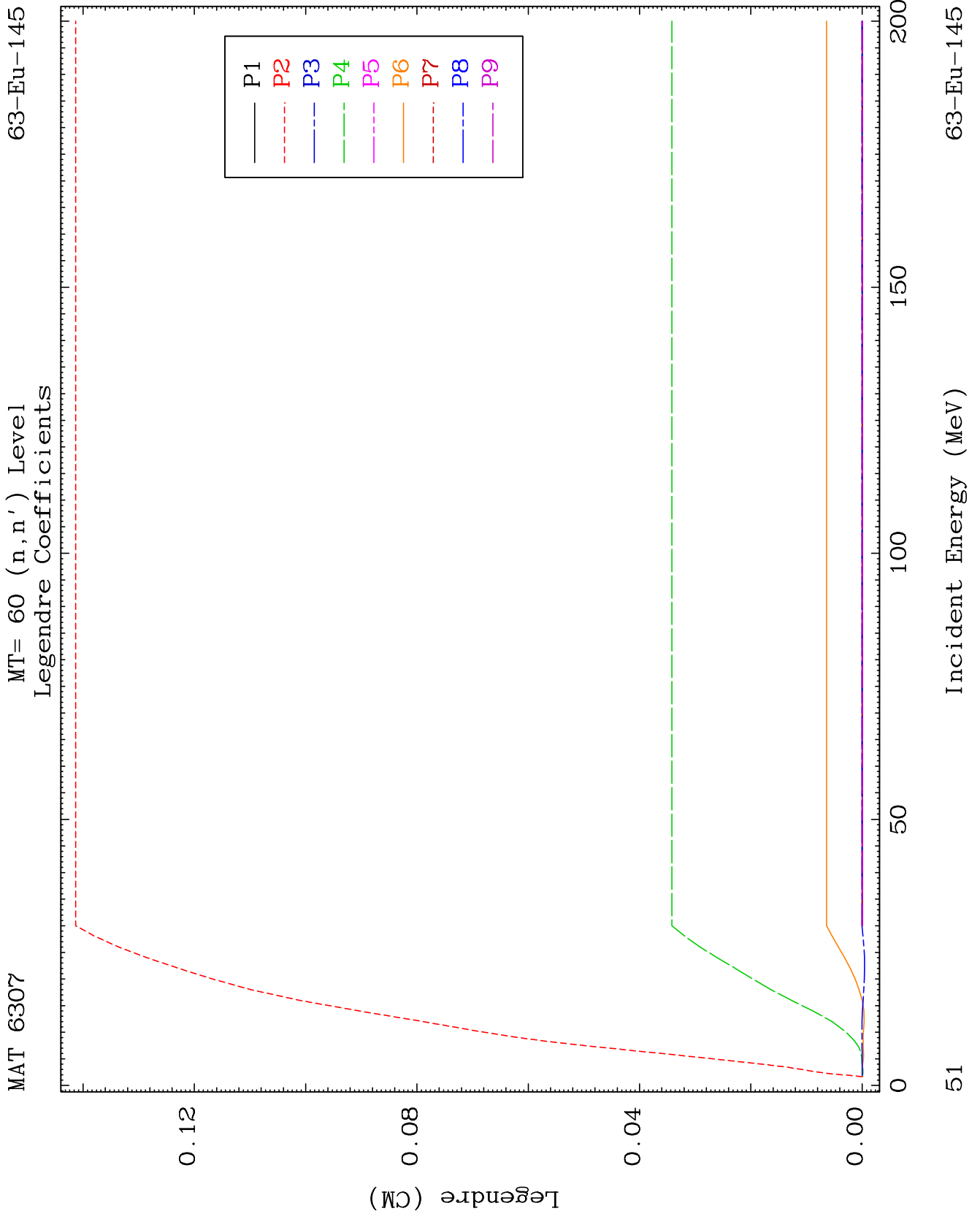
63-Eu-145

MAT 6307

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

63-Eu-145

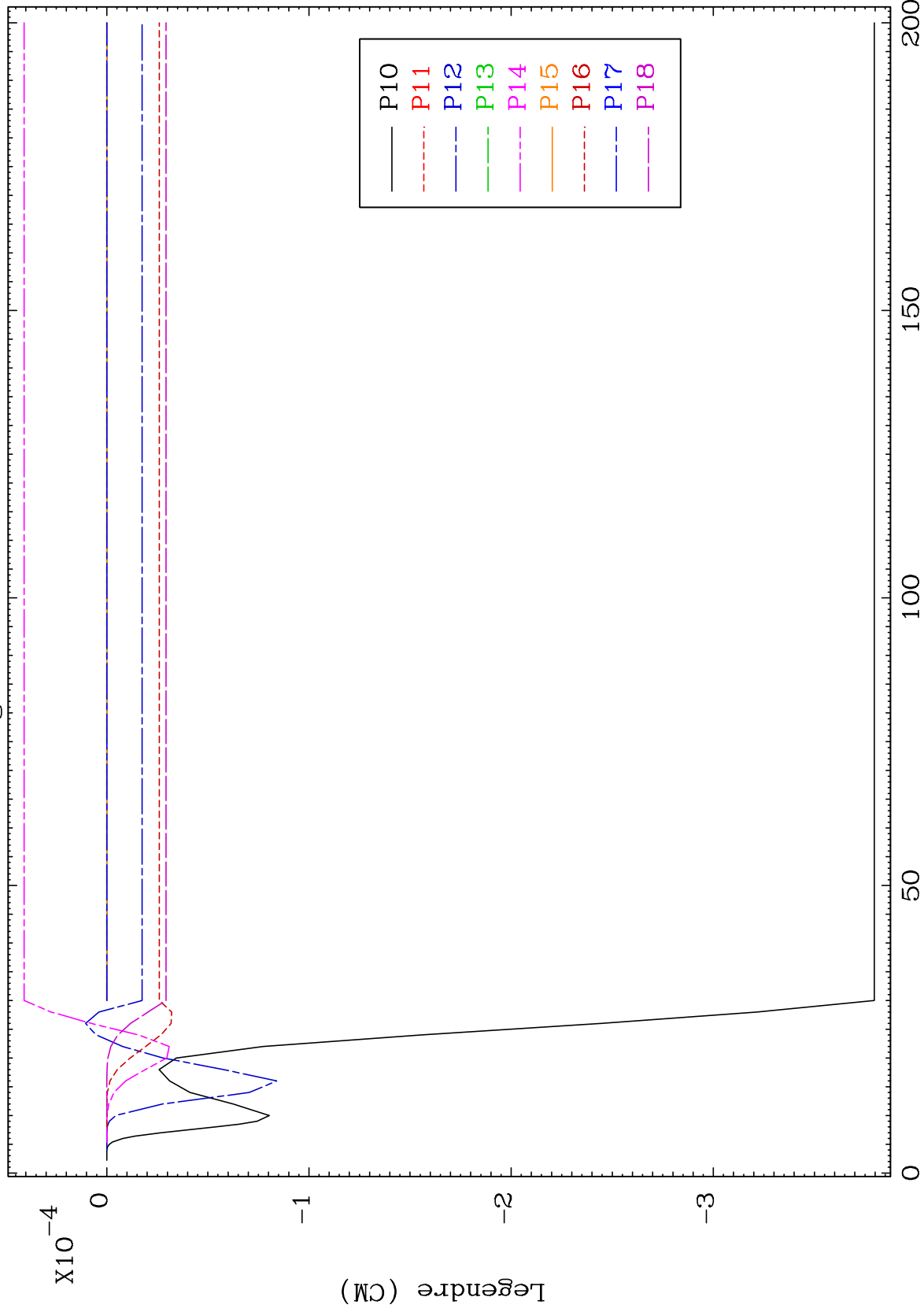




MAT 6307

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

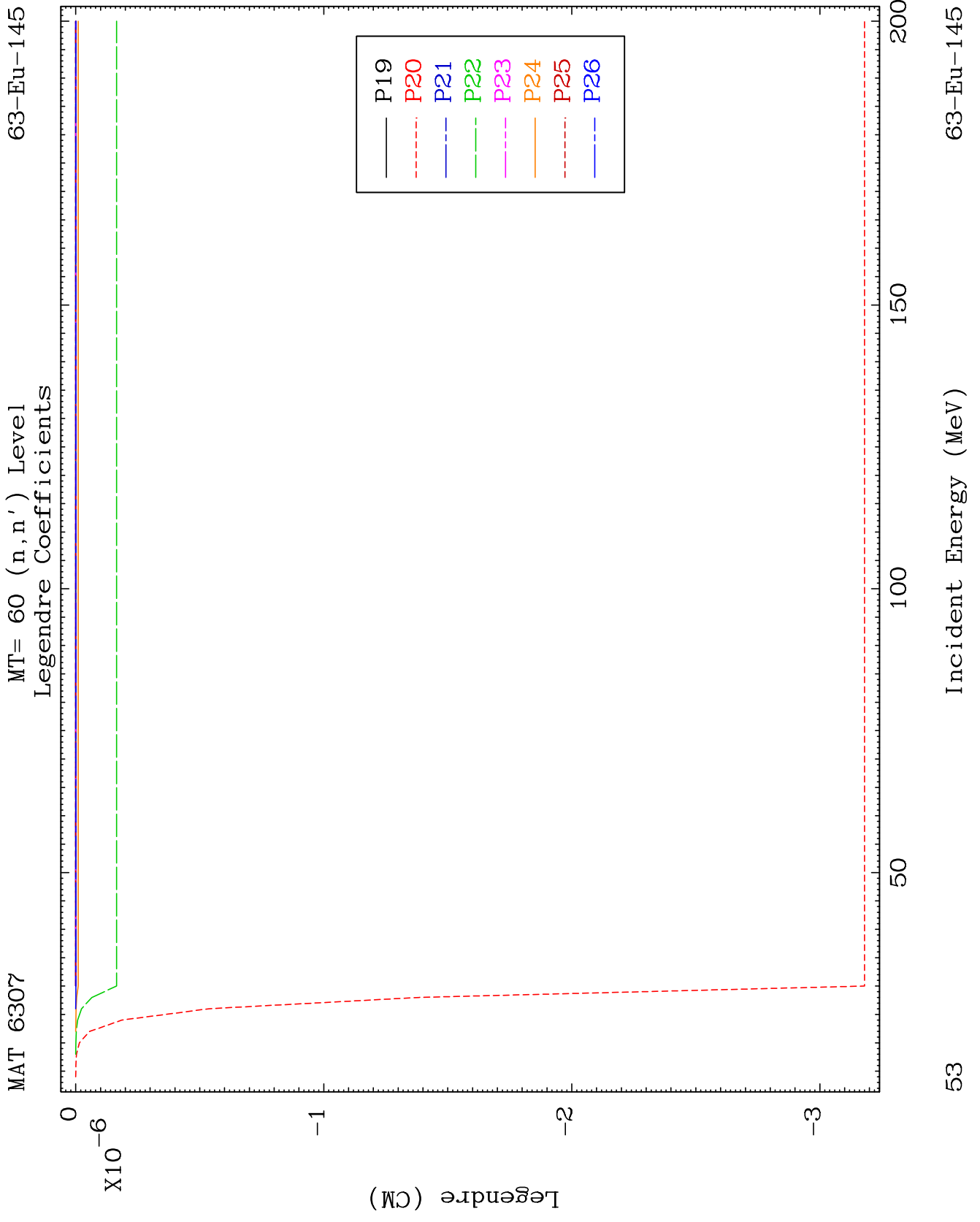
63-Eu-145



52

Incident Energy (MeV)

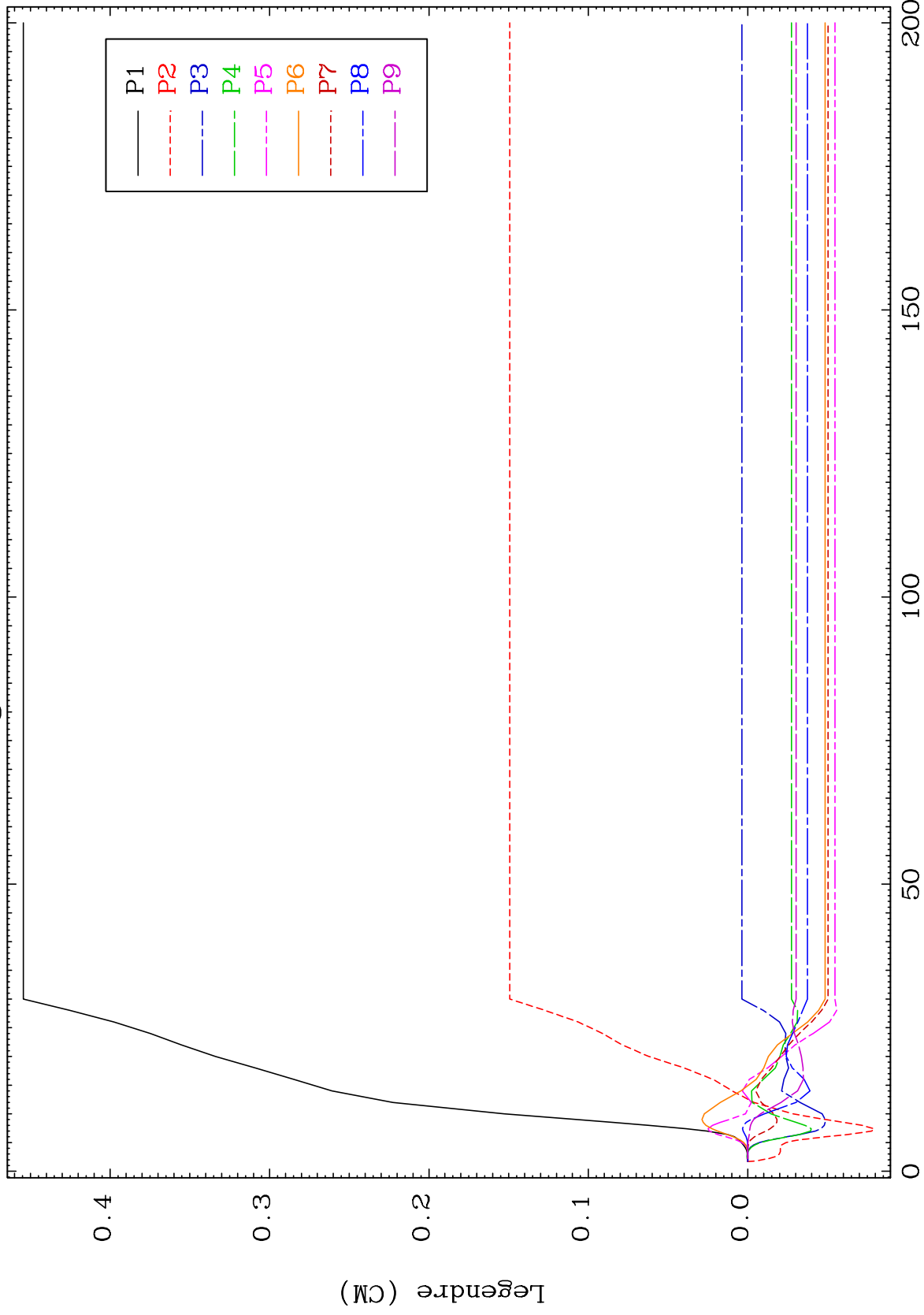
63-Eu-145



MAT 6307

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

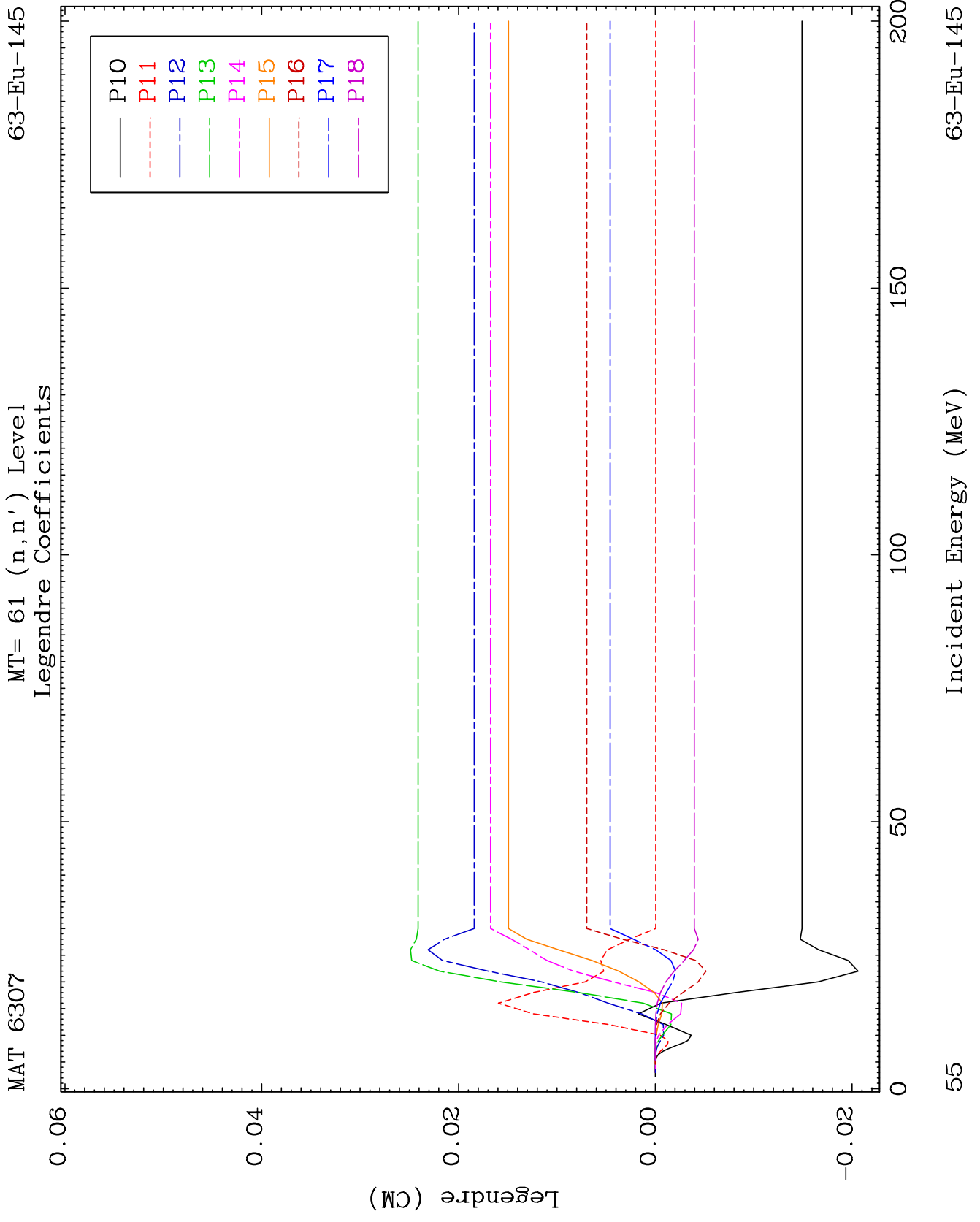
63-Eu-145



54

Incident Energy (MeV)

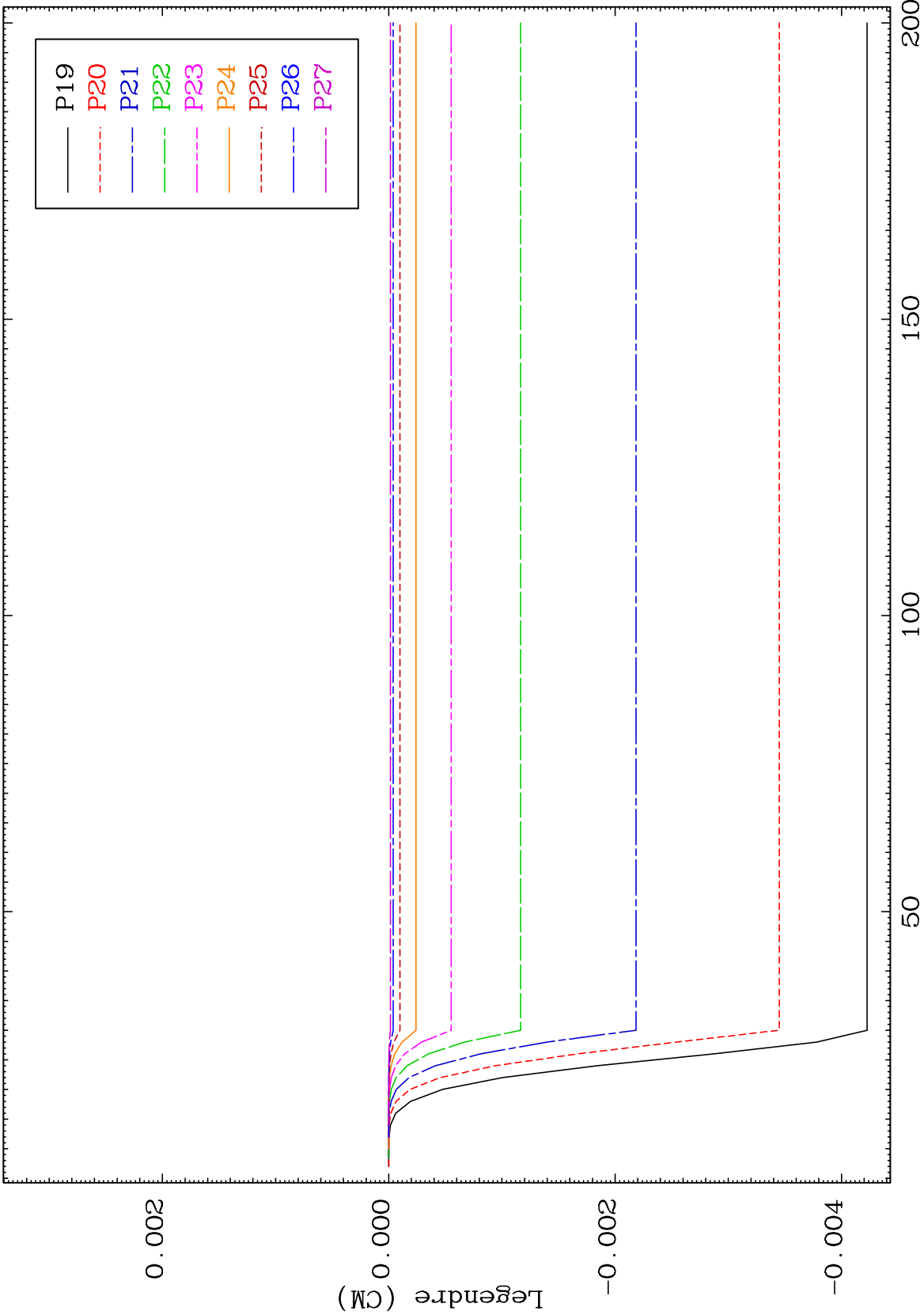
63-Eu-145



MAT 6307

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

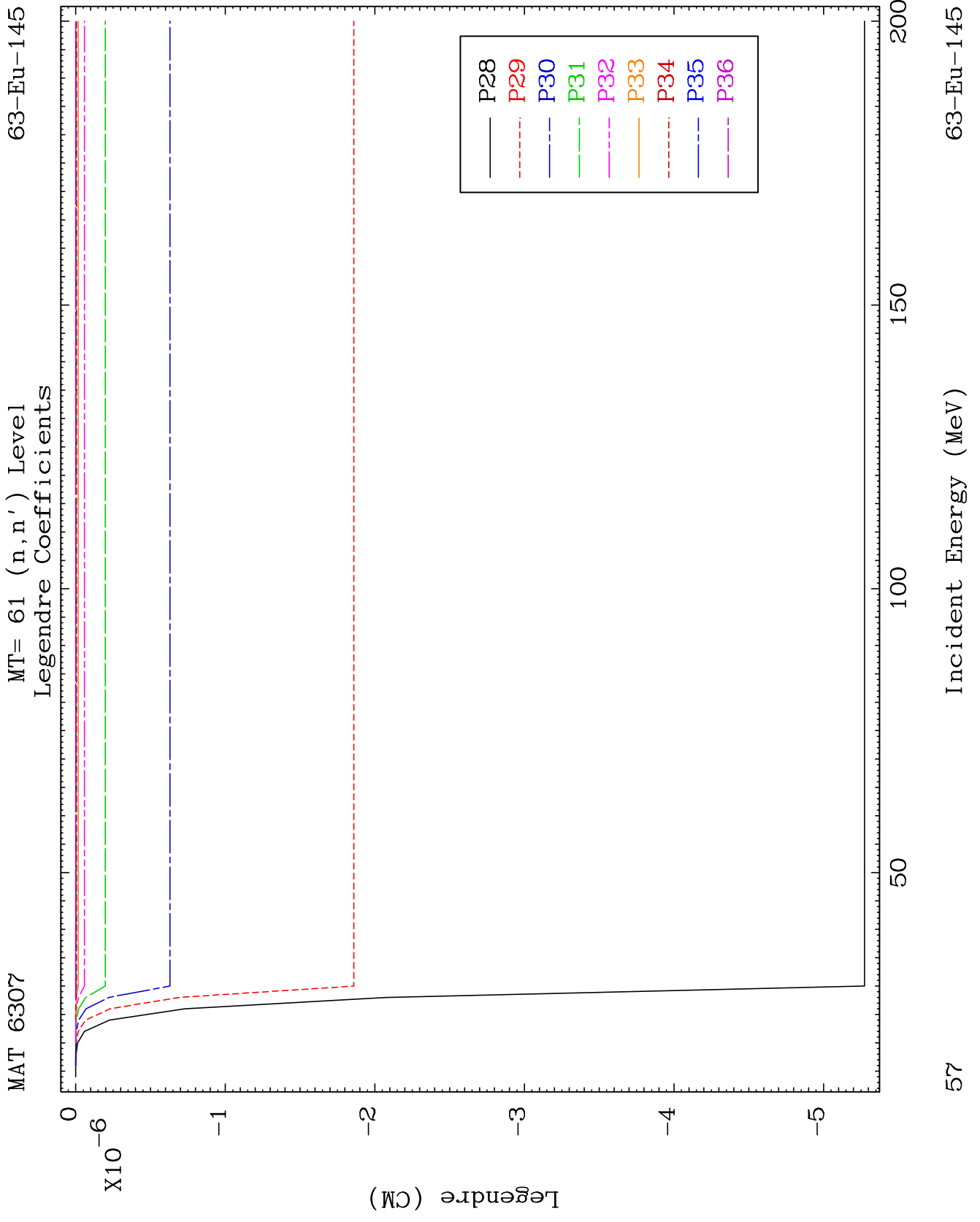
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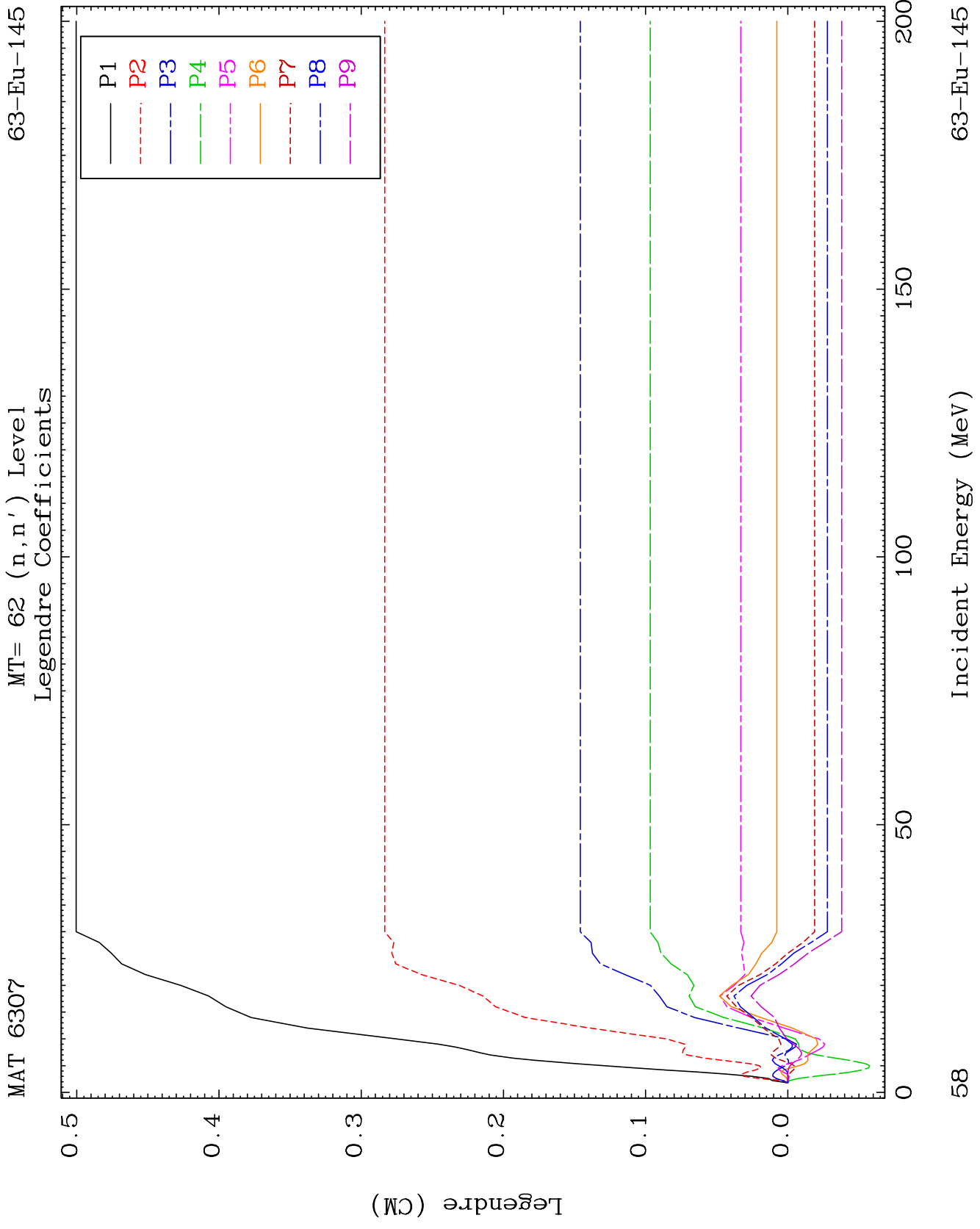


56

Incident Energy (MeV)

63-Eu-145

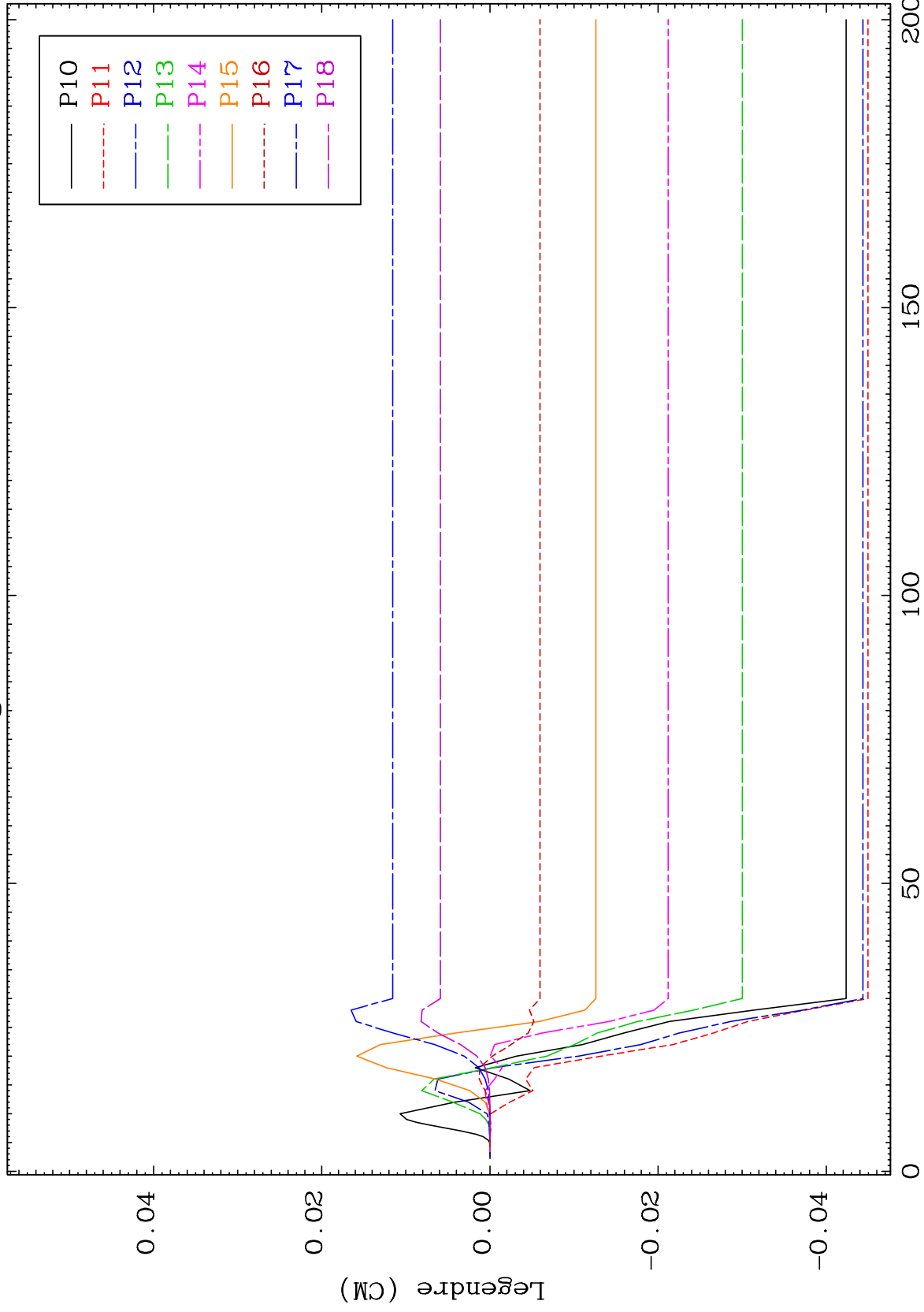




MAT 6307

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

63-Eu-145



59

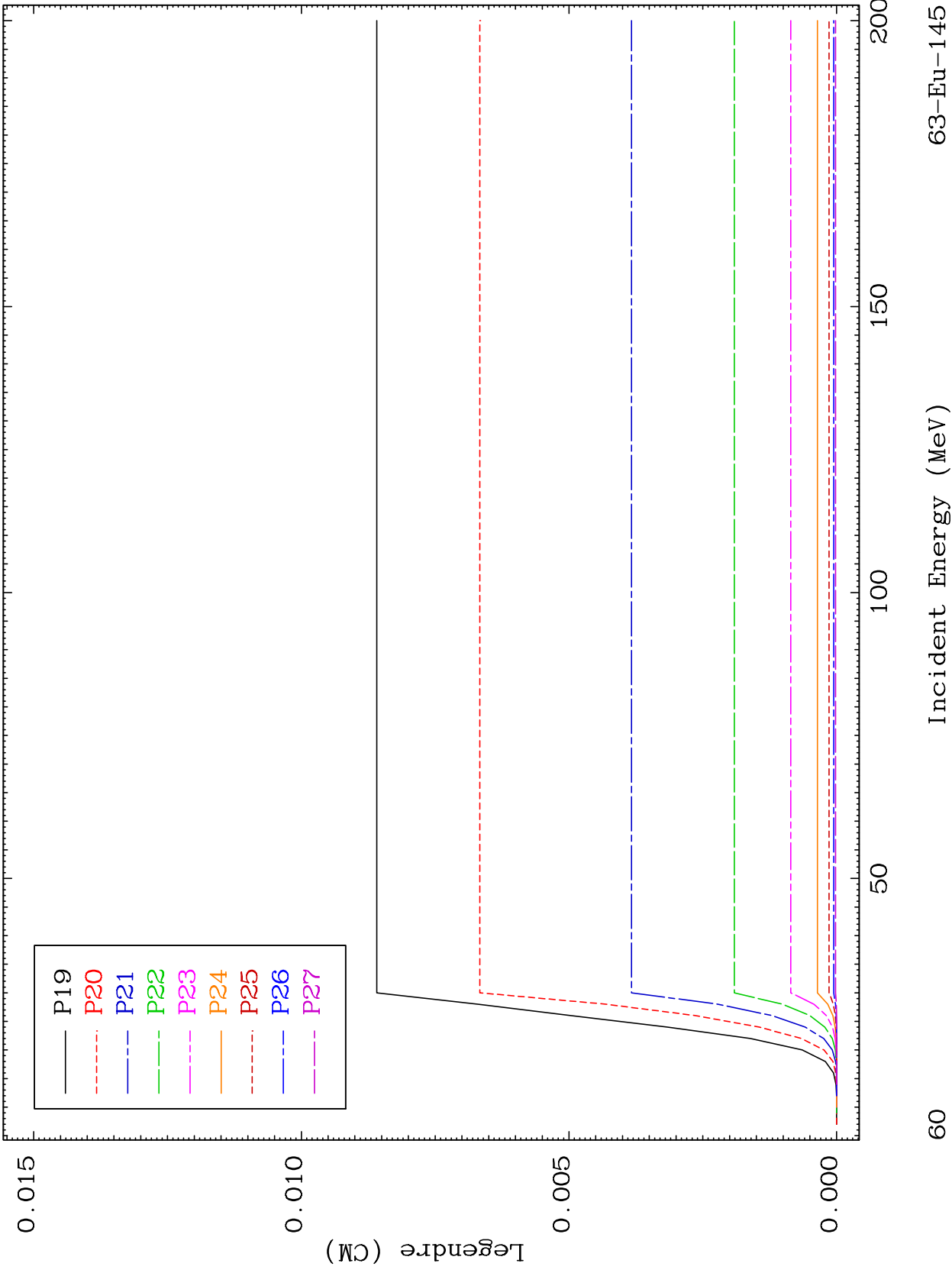
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



63-Eu-145

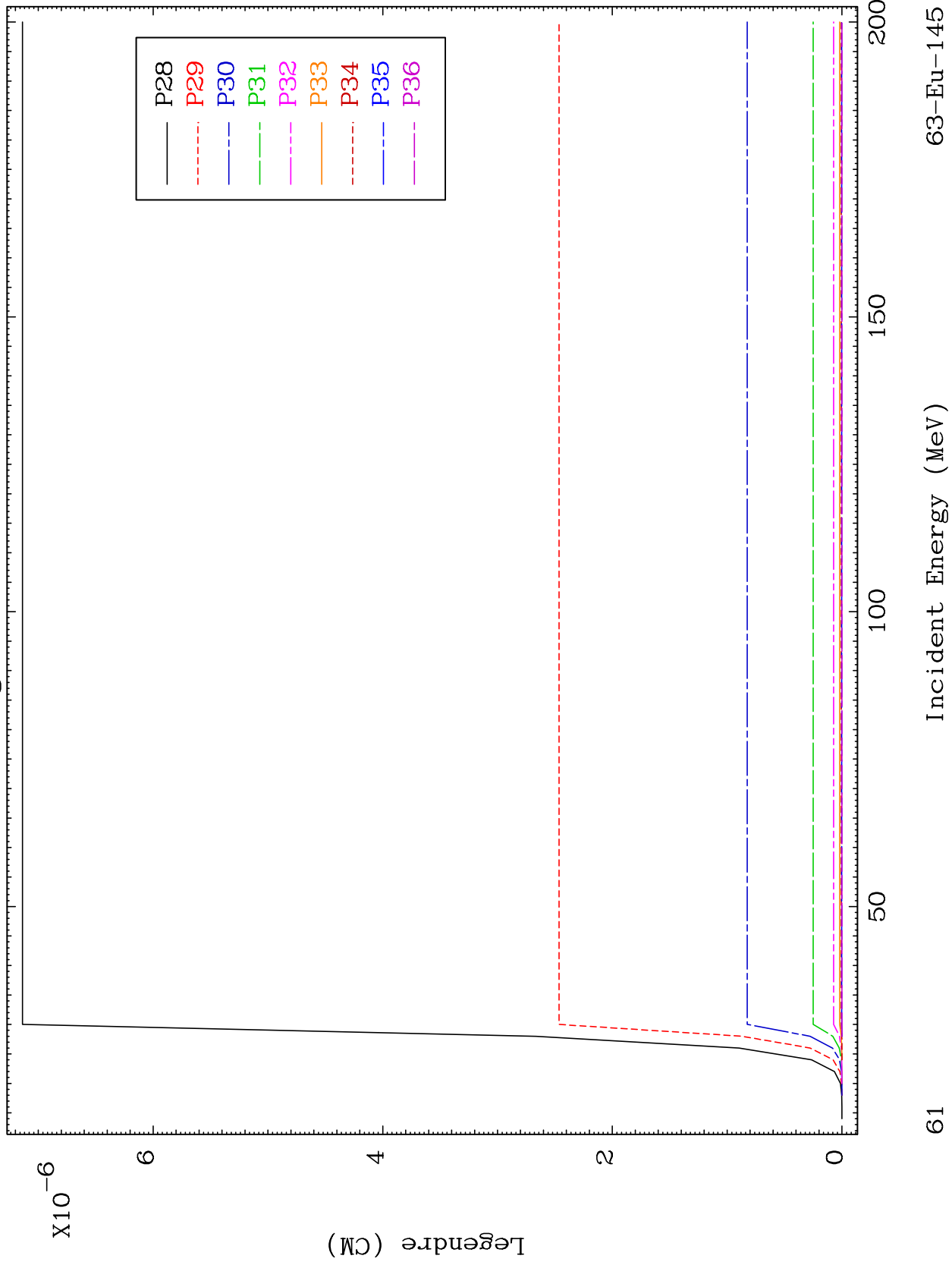
Incident Energy (MeV)

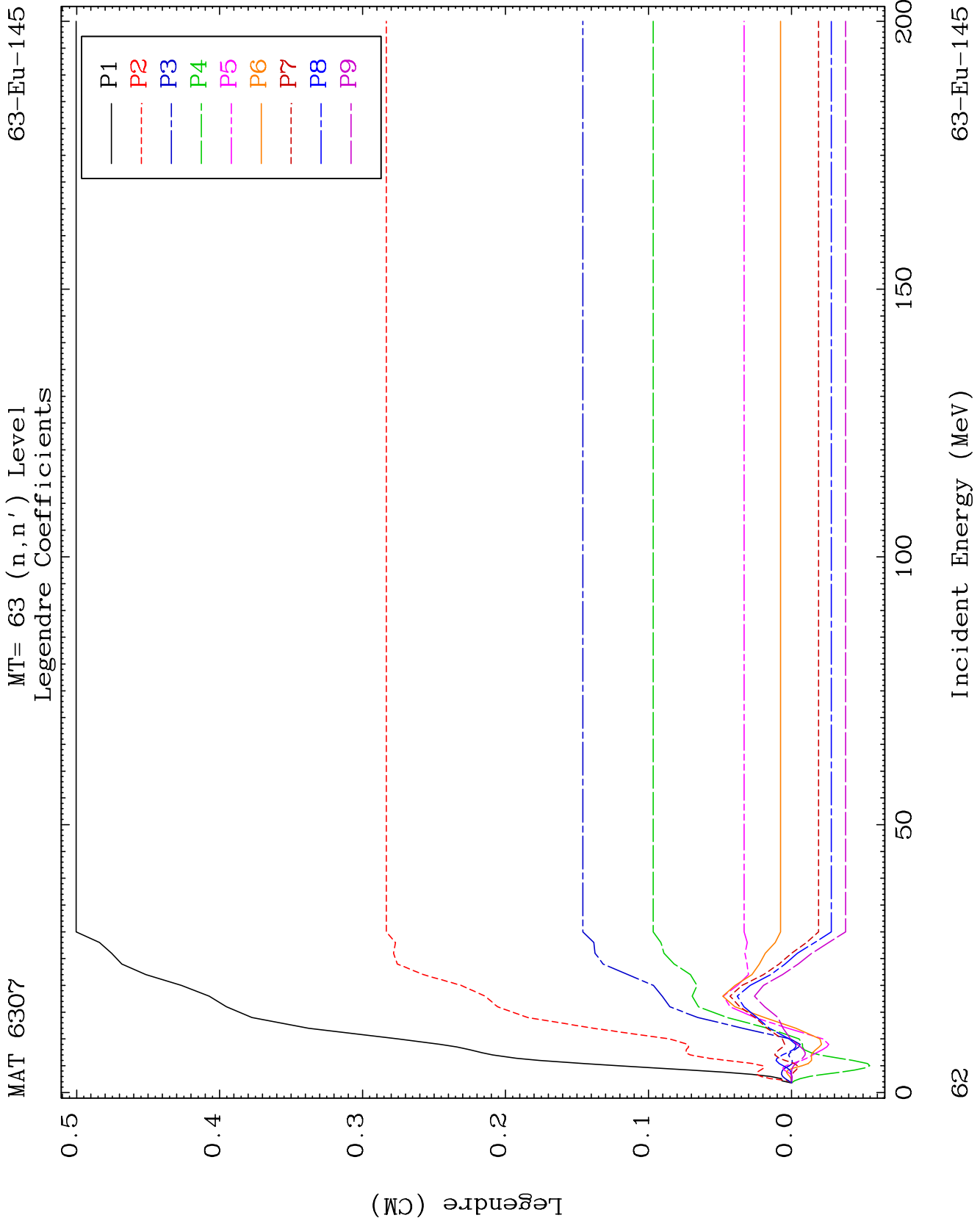
60

MAT 6307

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

63-Eu-145

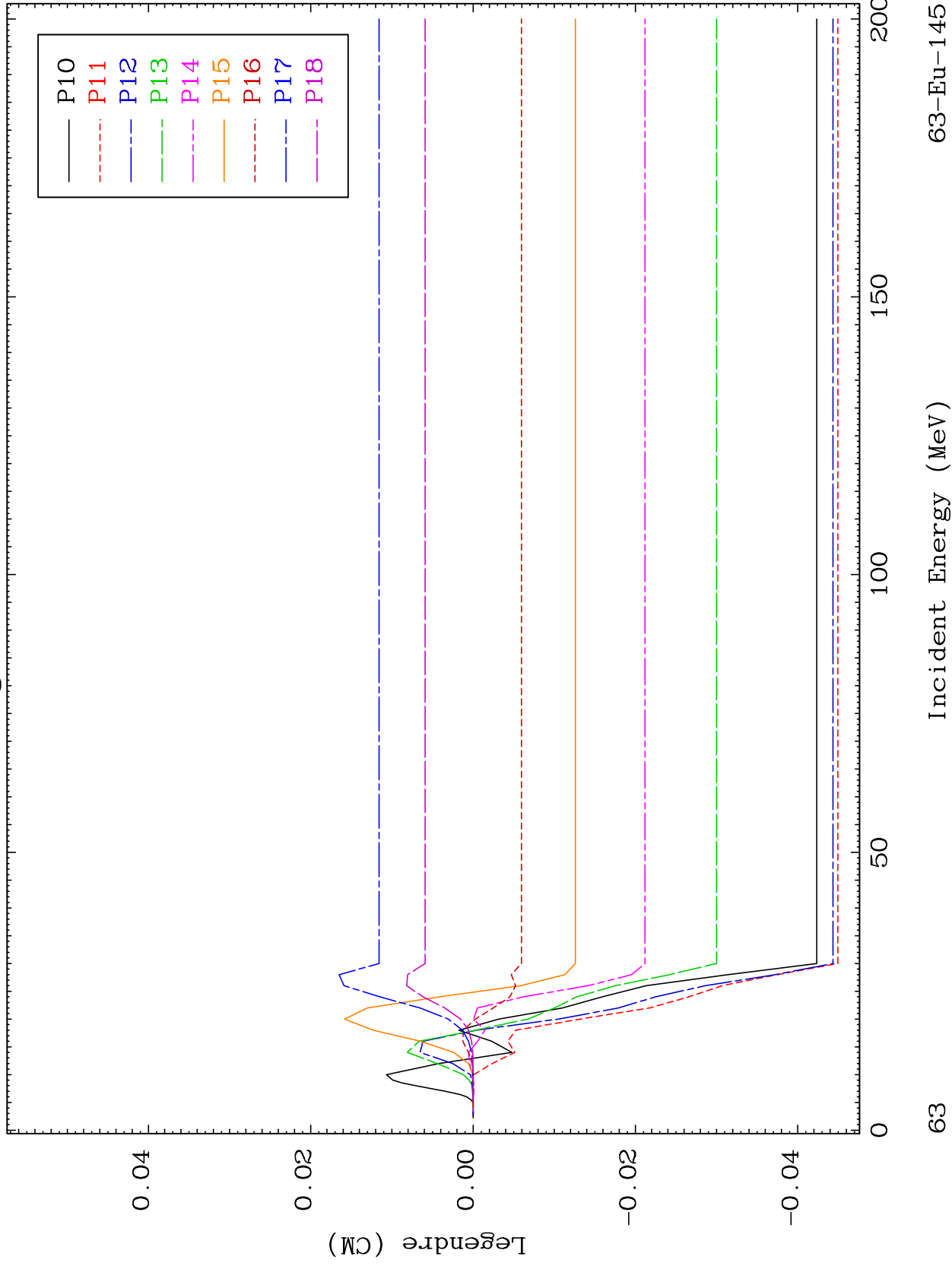




MAT 6307

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

63-Eu-145



63-Eu-145

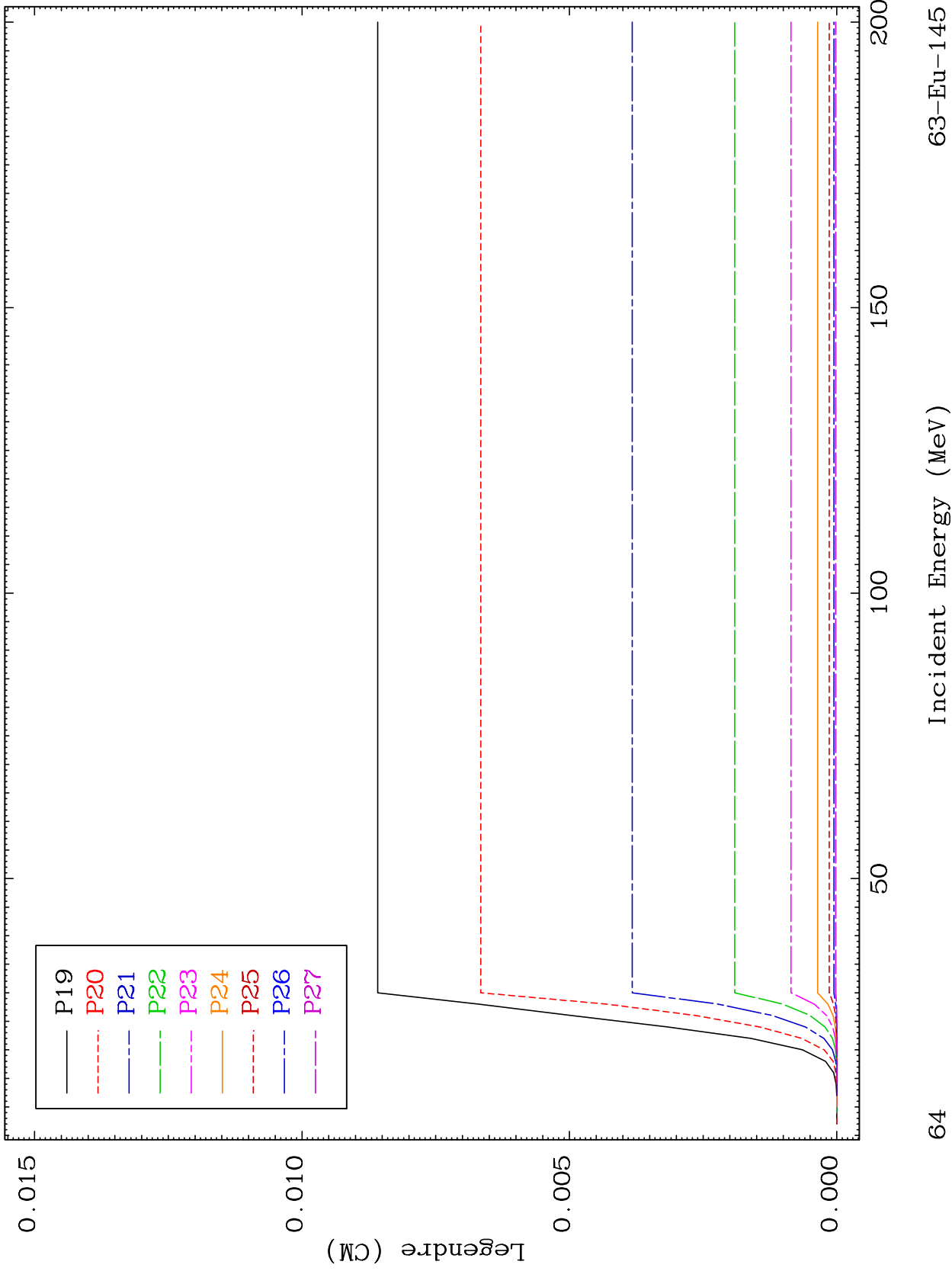
Incident Energy (MeV)

63

MAT 6307

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

63-Eu-145



64

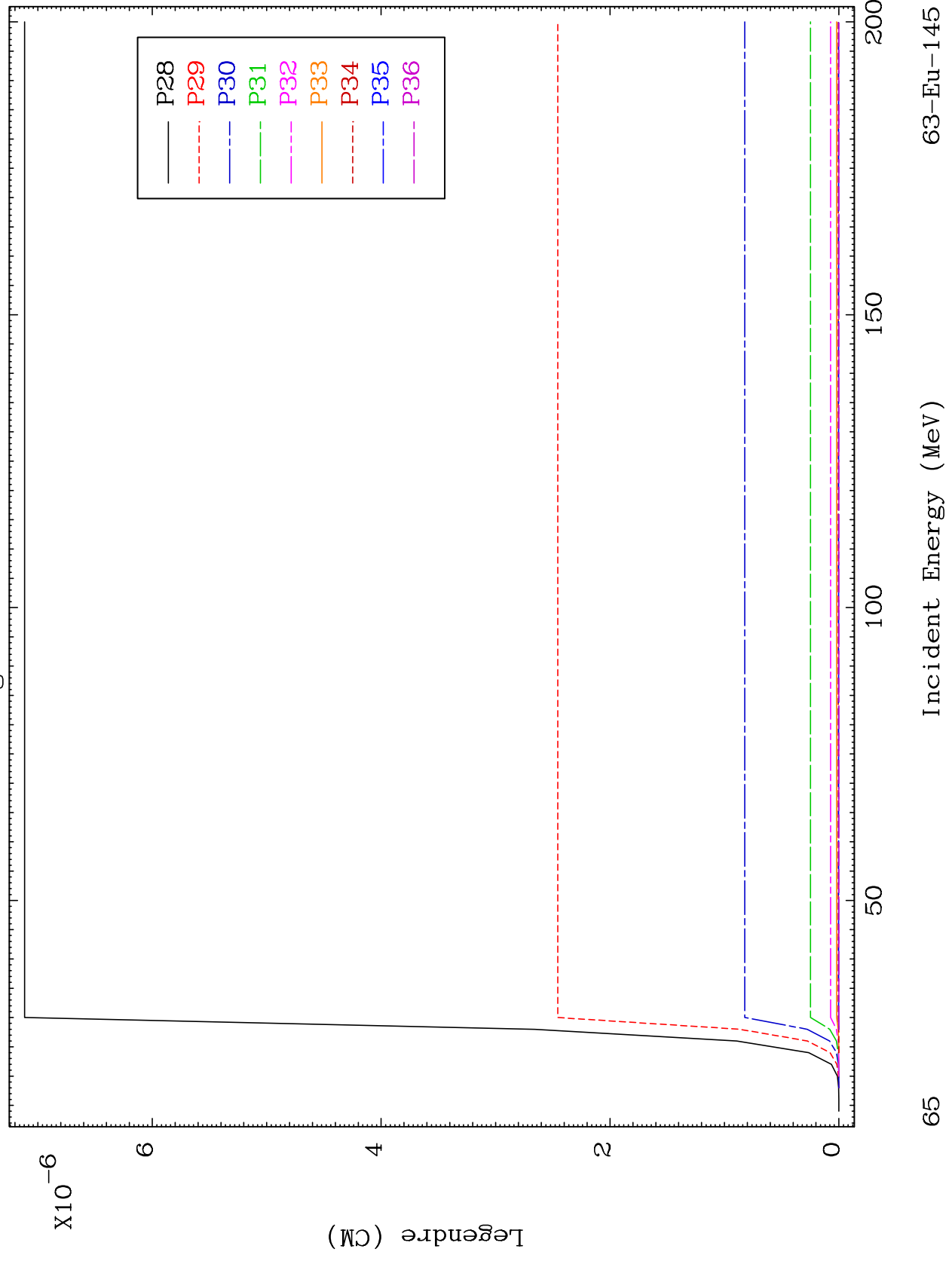
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



65

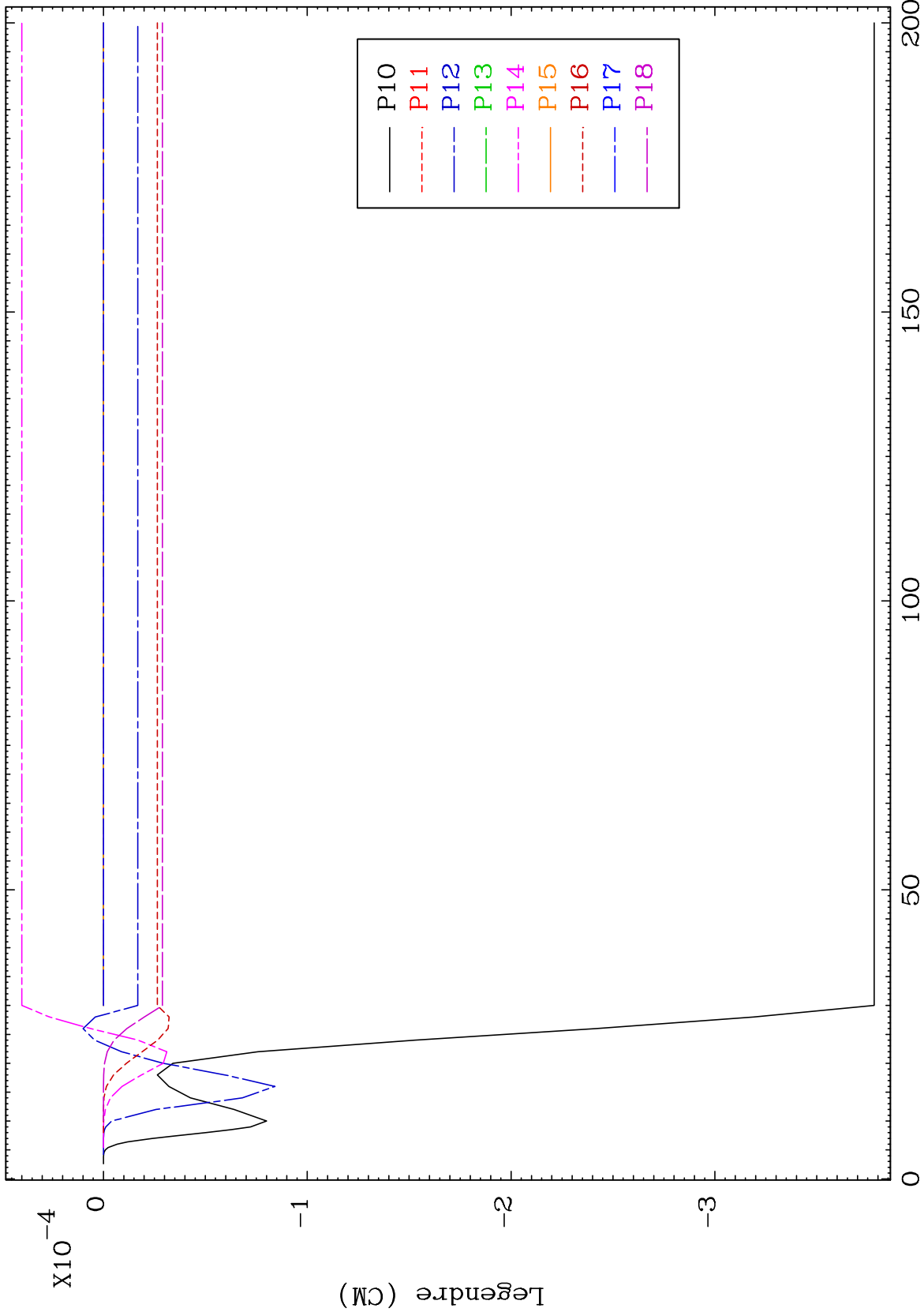
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

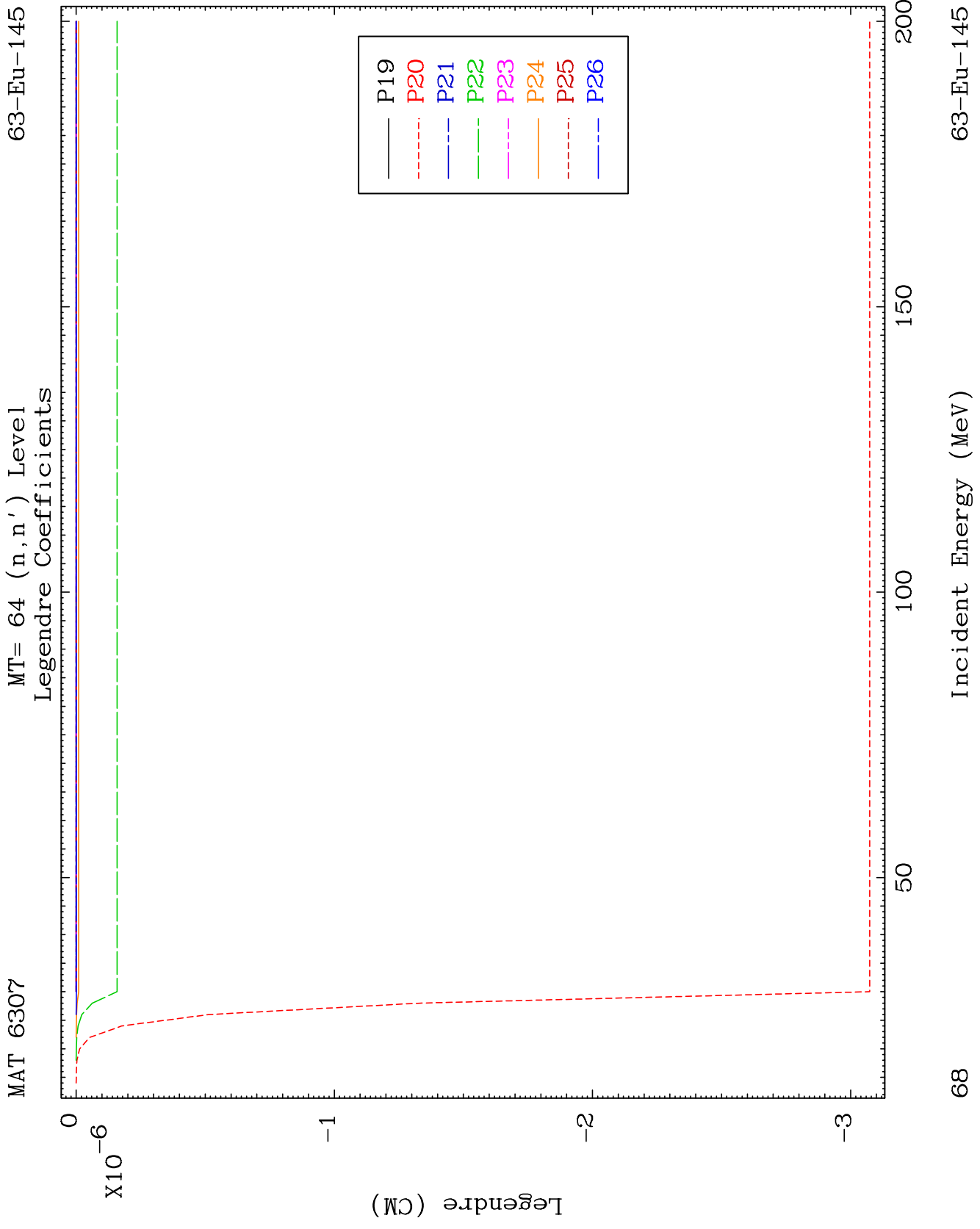
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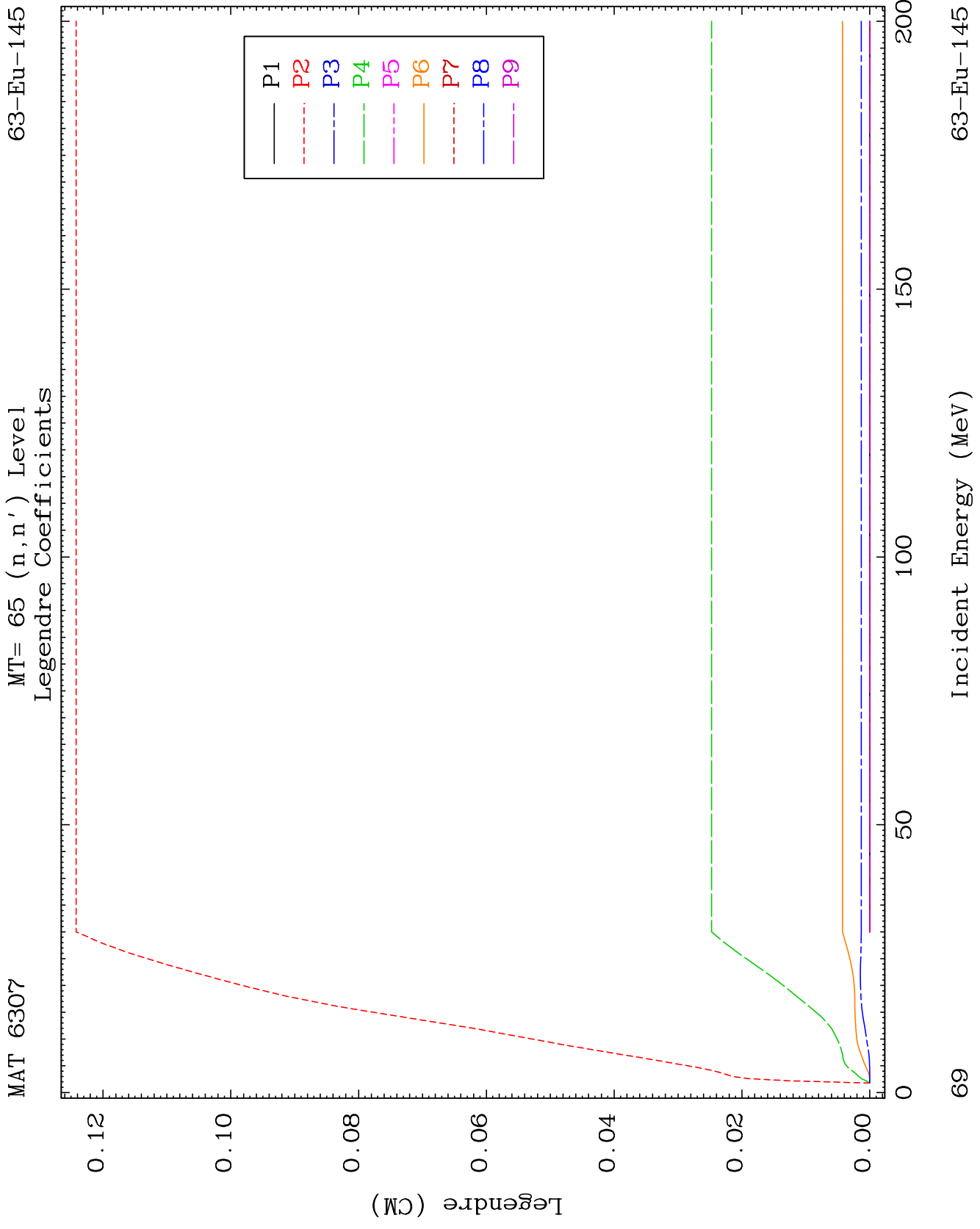


67

Incident Energy (MeV)

63-Eu-145

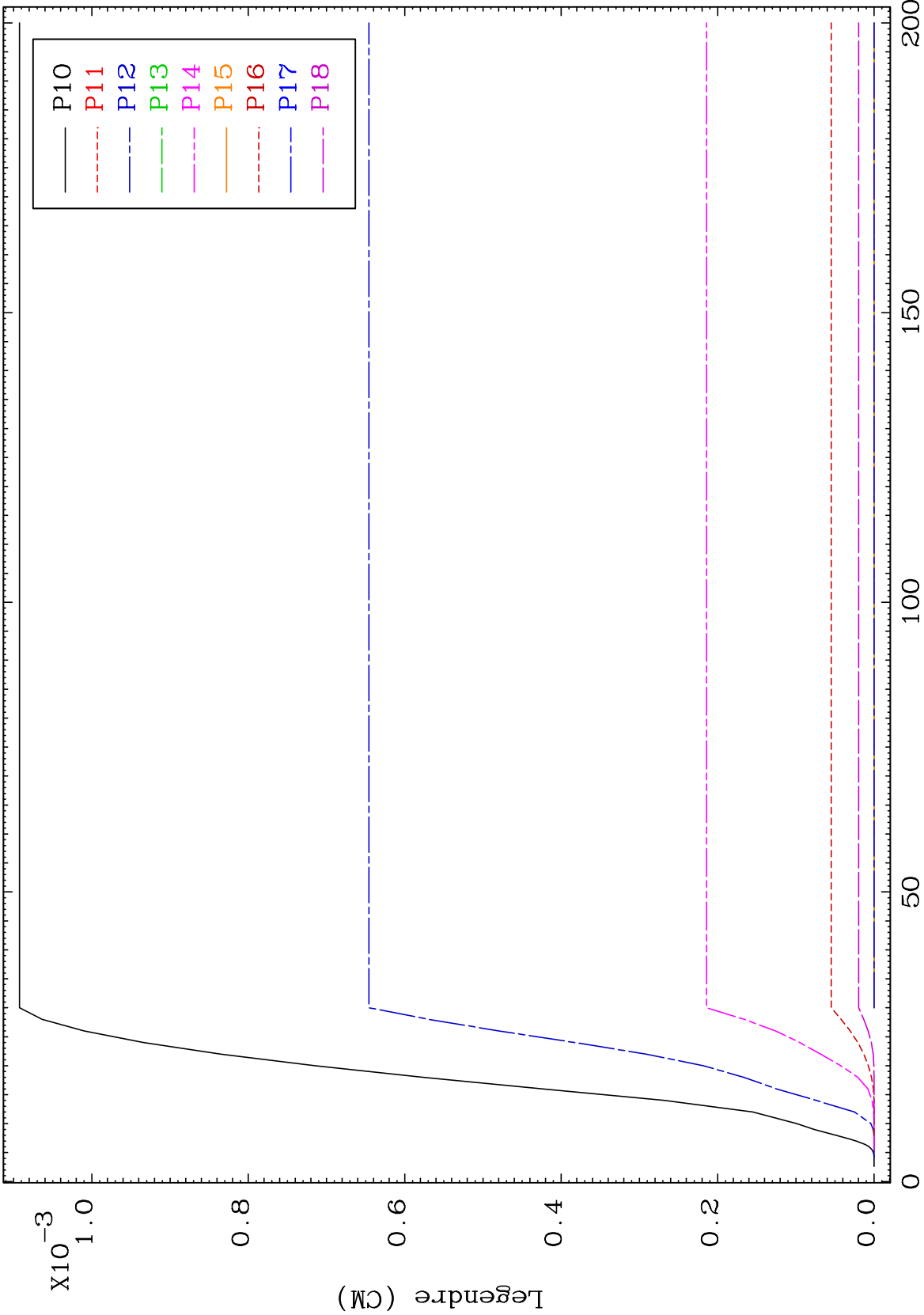




MAT 6307

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

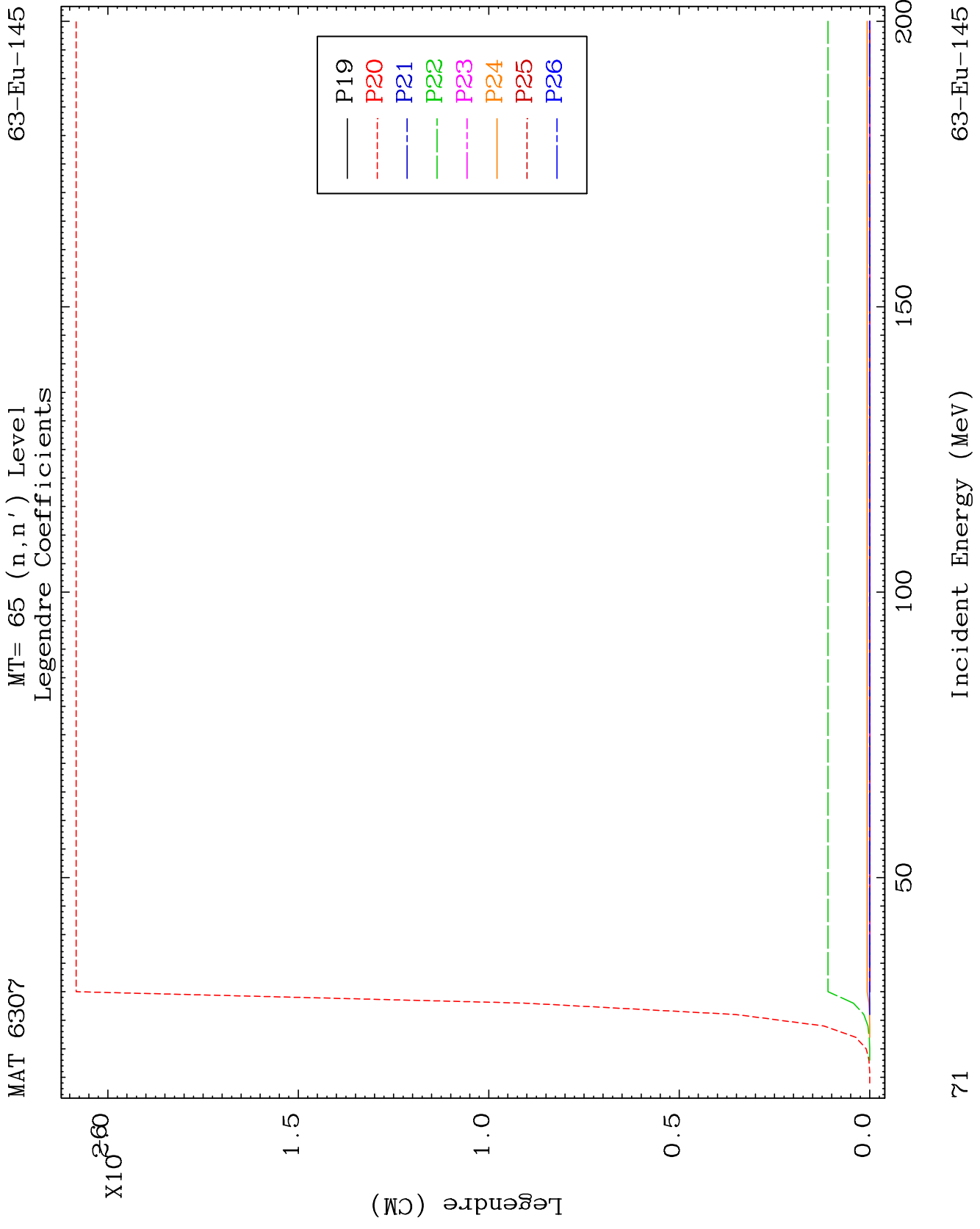
63-Eu-145



70

Incident Energy (MeV)

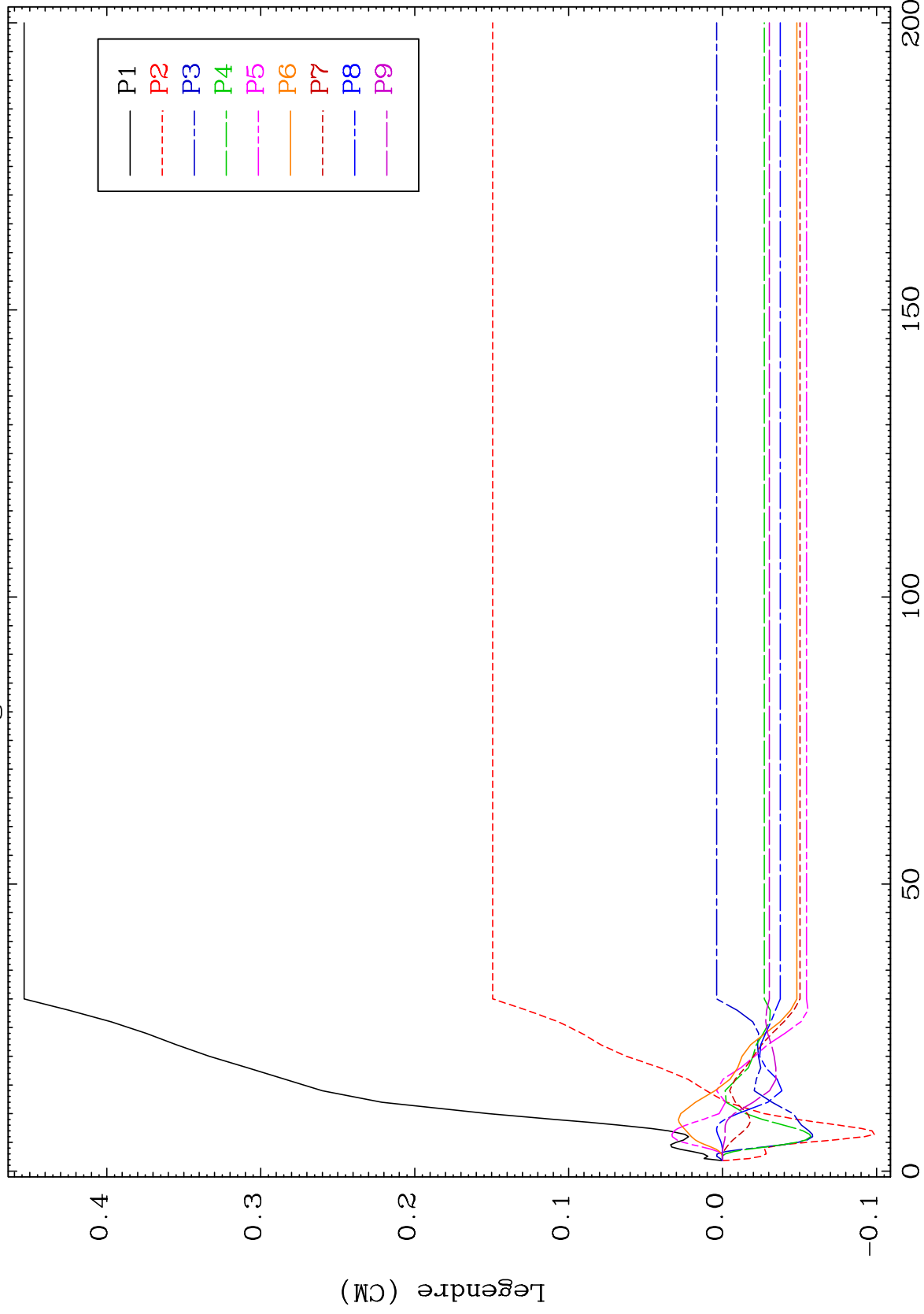
63-Eu-145



MAT 6307

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

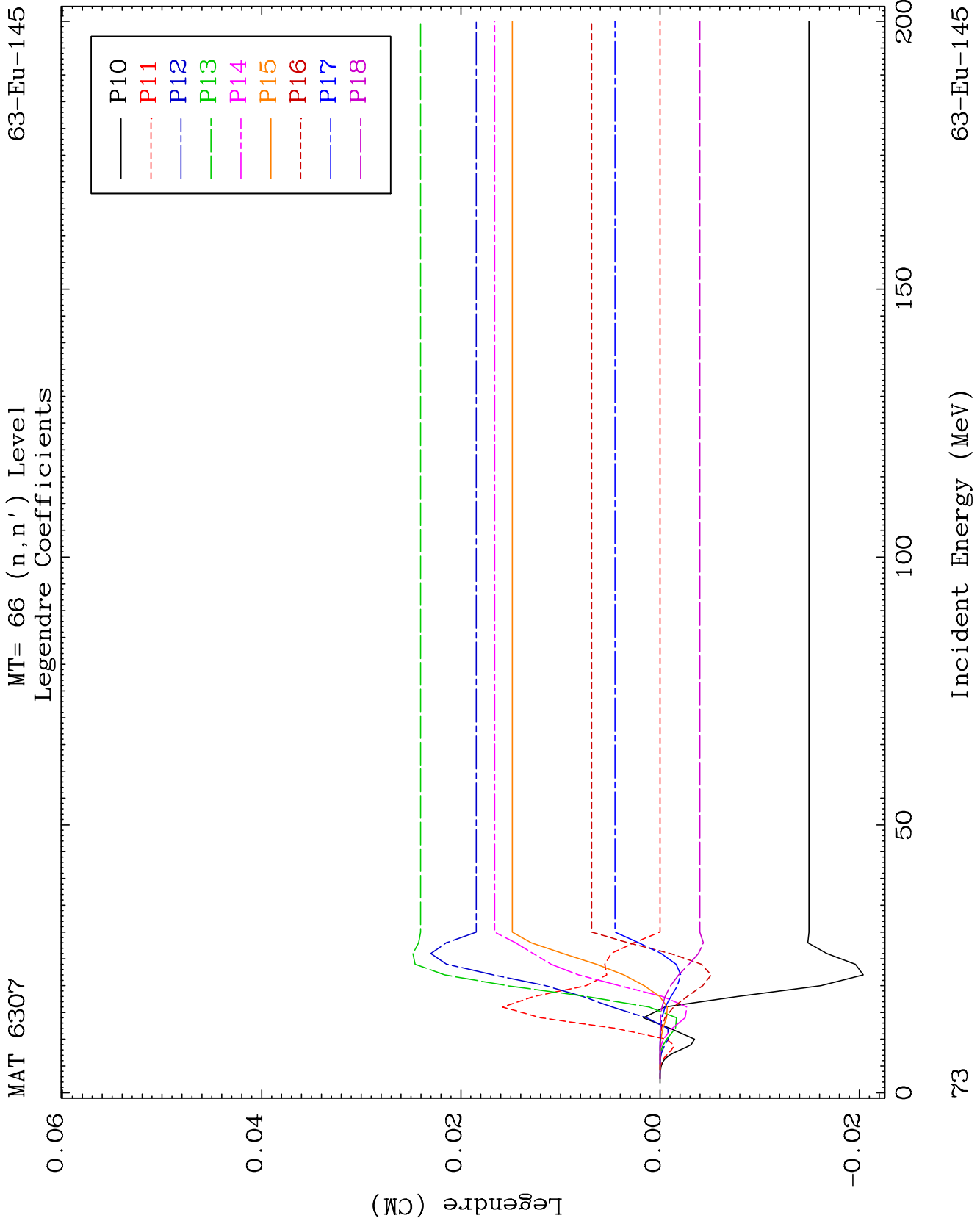
63-Eu-145



72

Incident Energy (MeV)

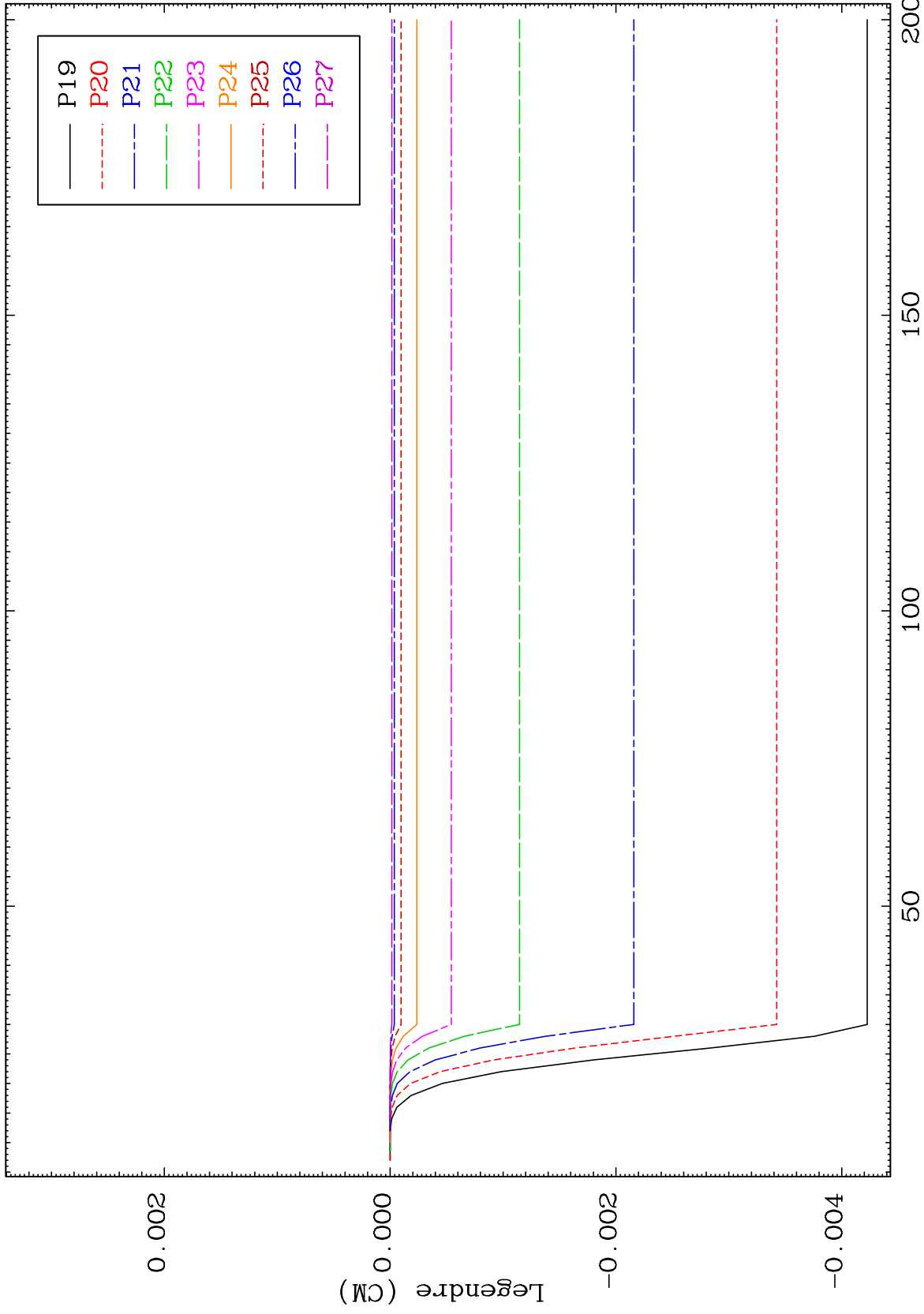
63-Eu-145



MAT 6307

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

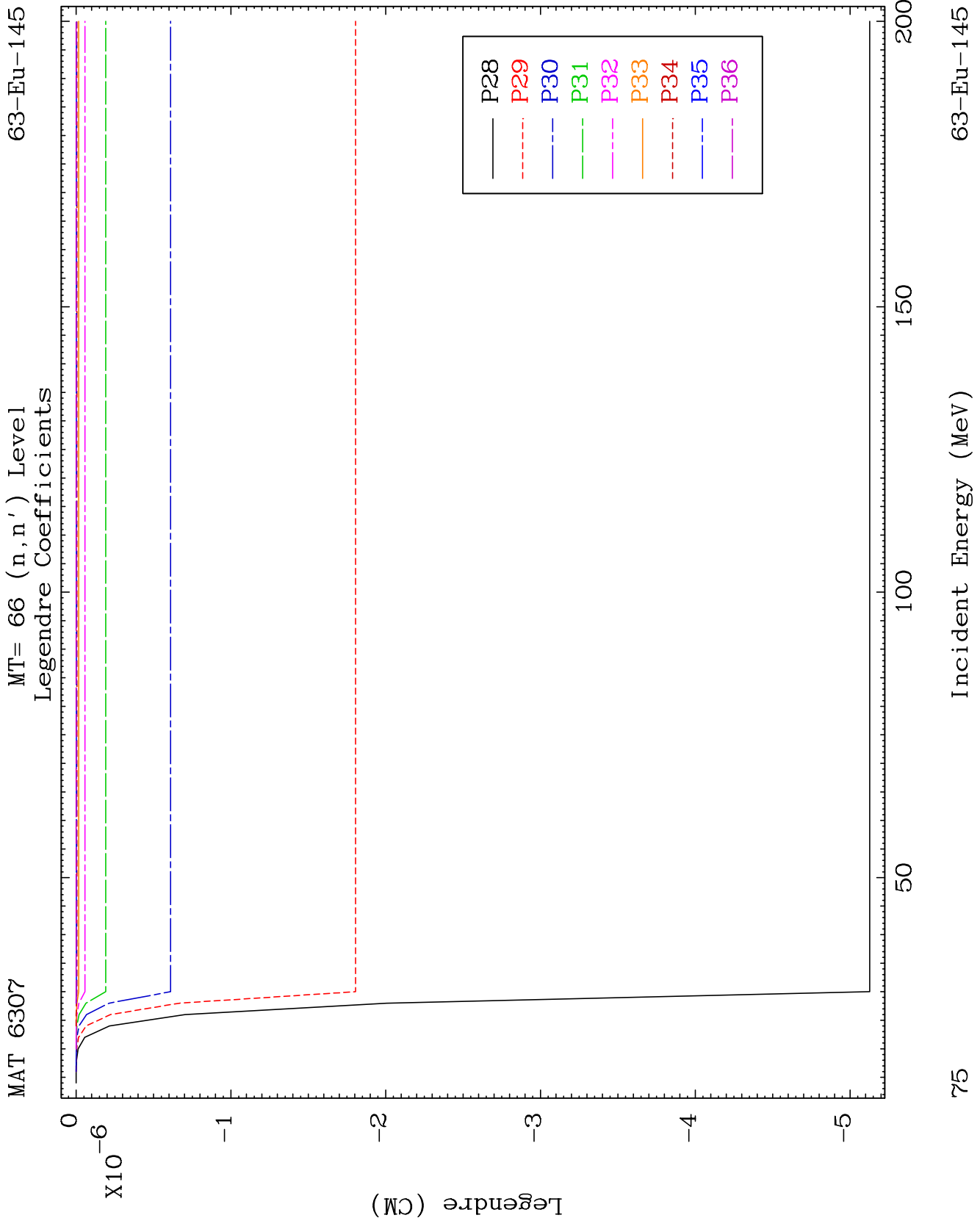
63-Eu-145



74

Incident Energy (MeV)

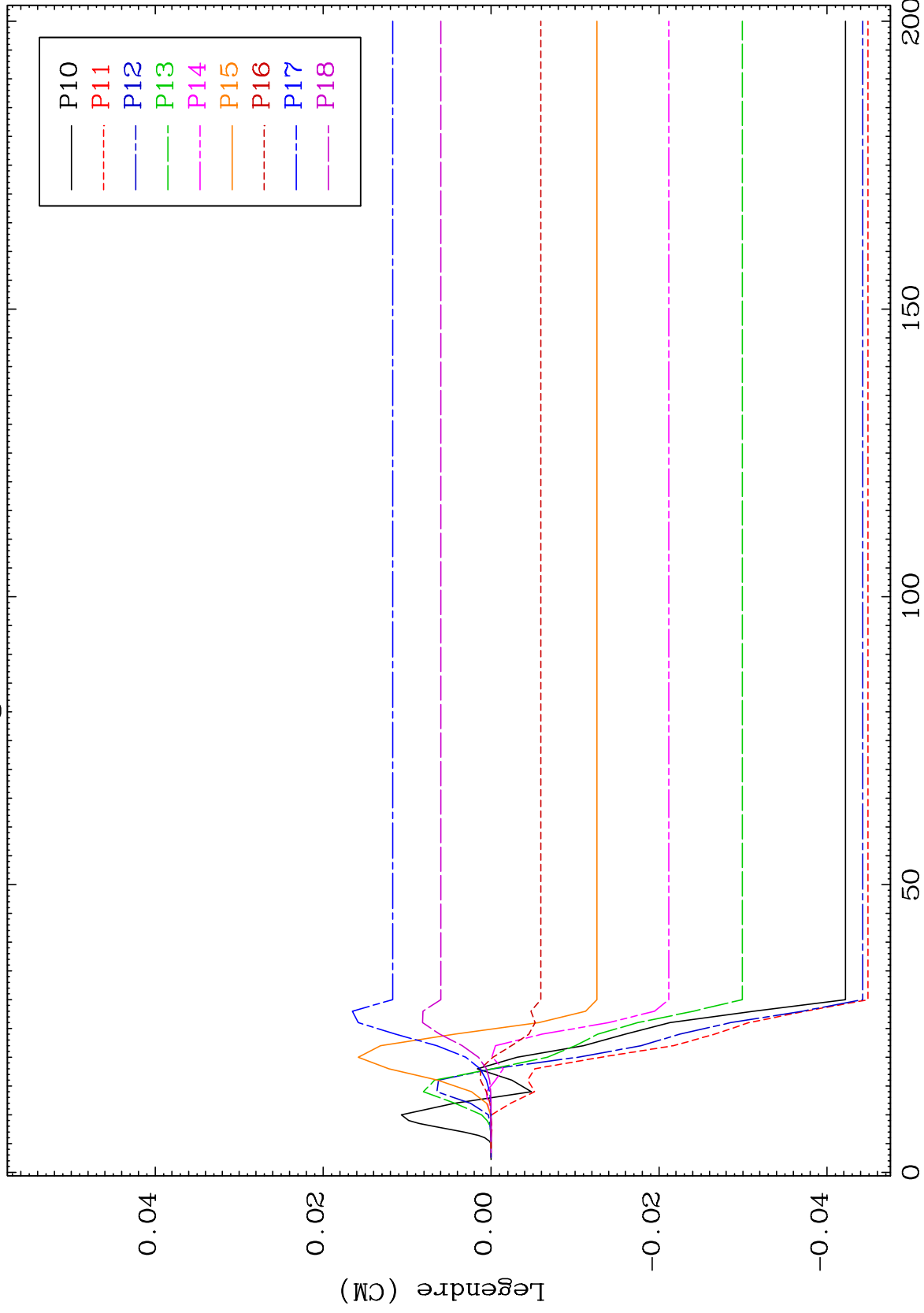
63-Eu-145



MAT 6307

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

63-Eu-145



77

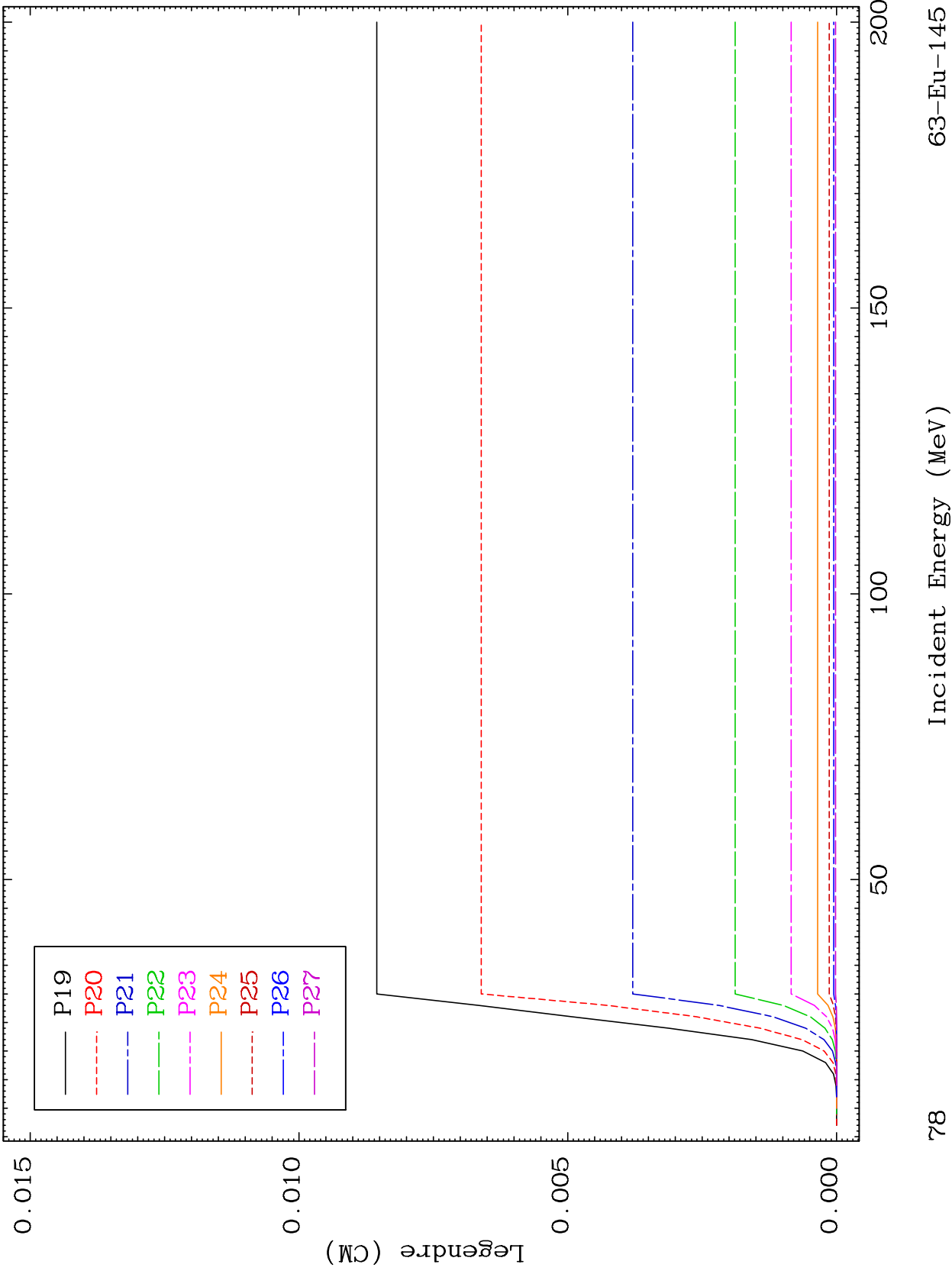
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



78

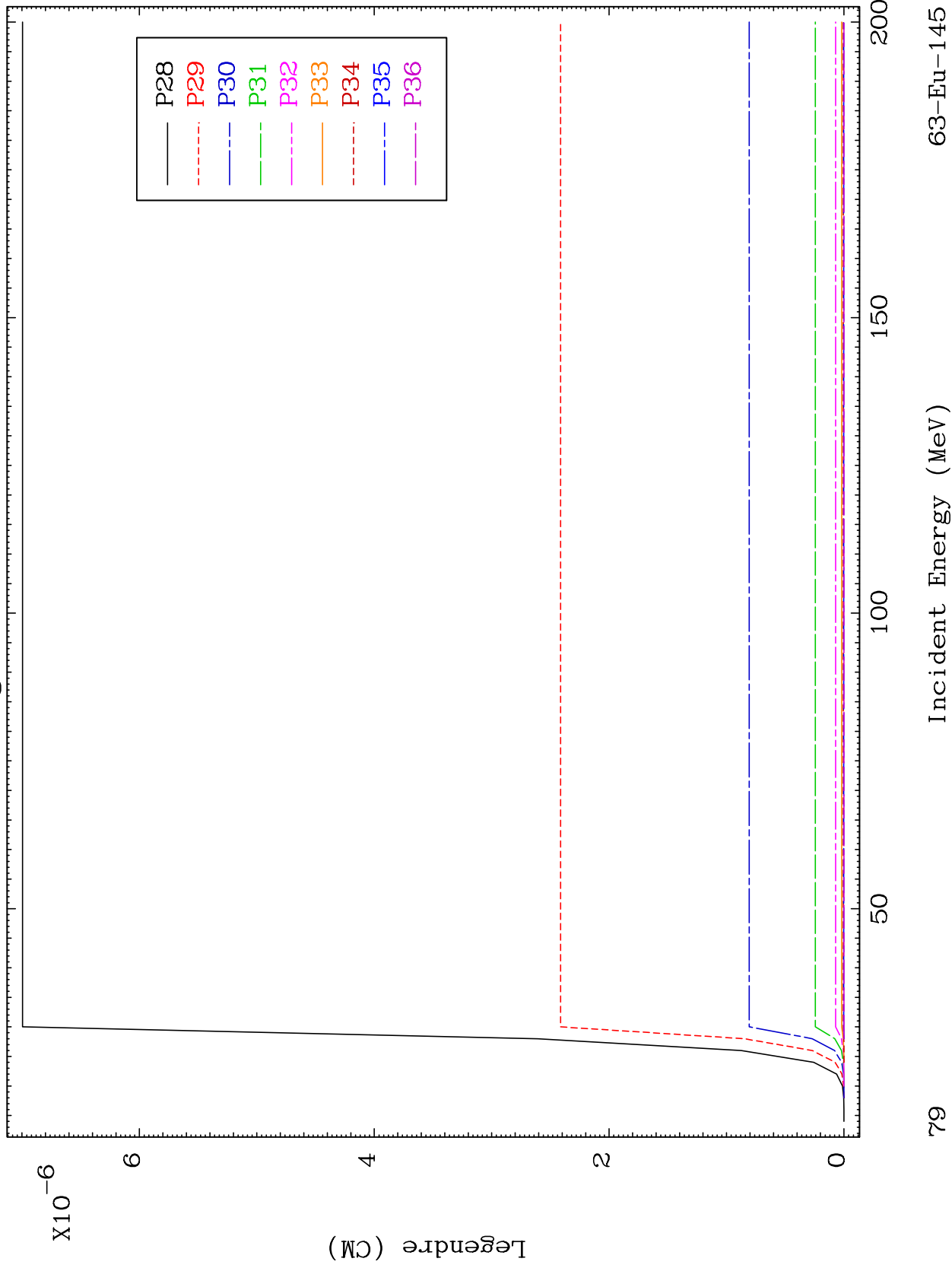
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

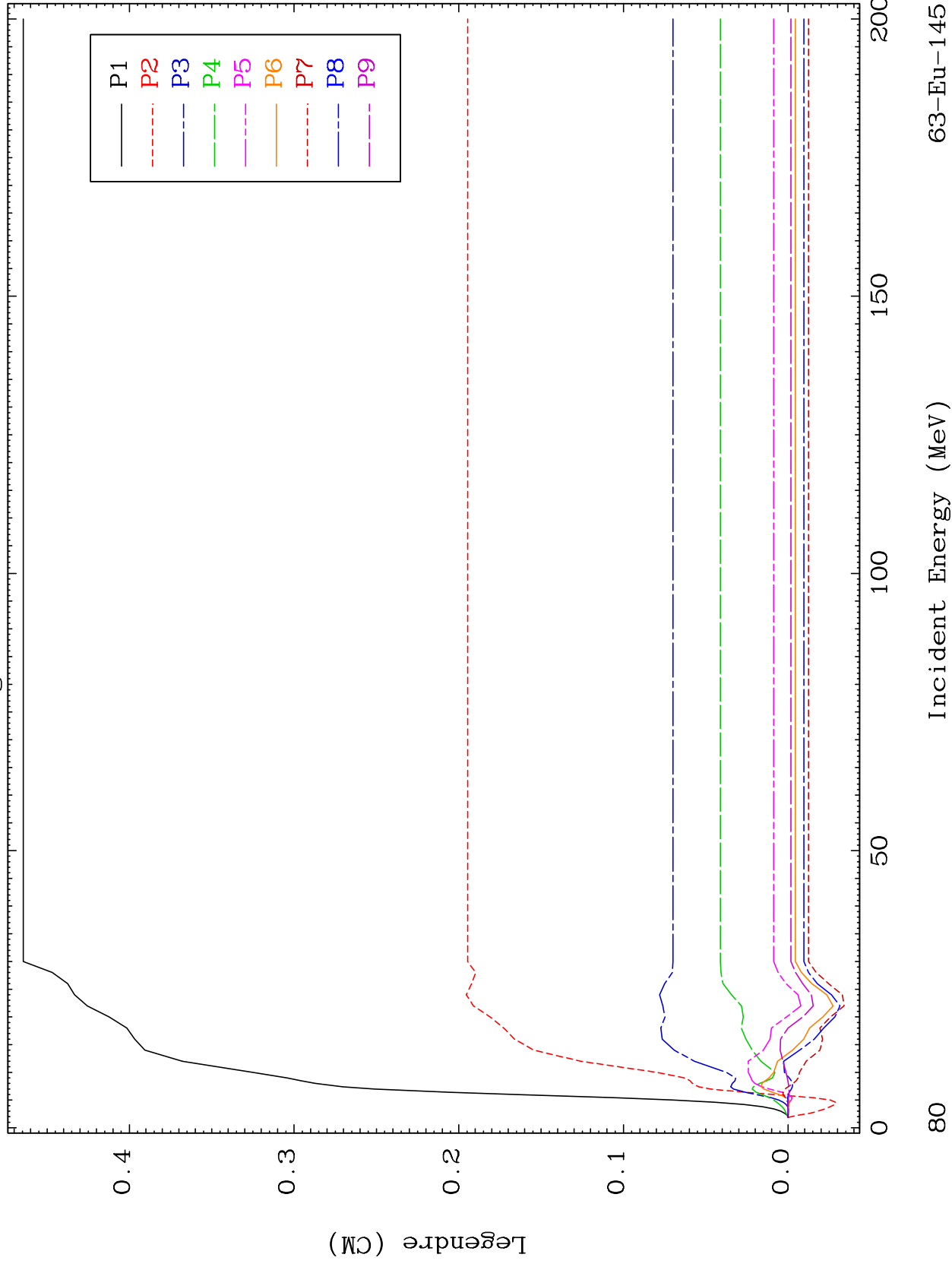
63-Eu-145



MAT 6307

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

63-Eu-145



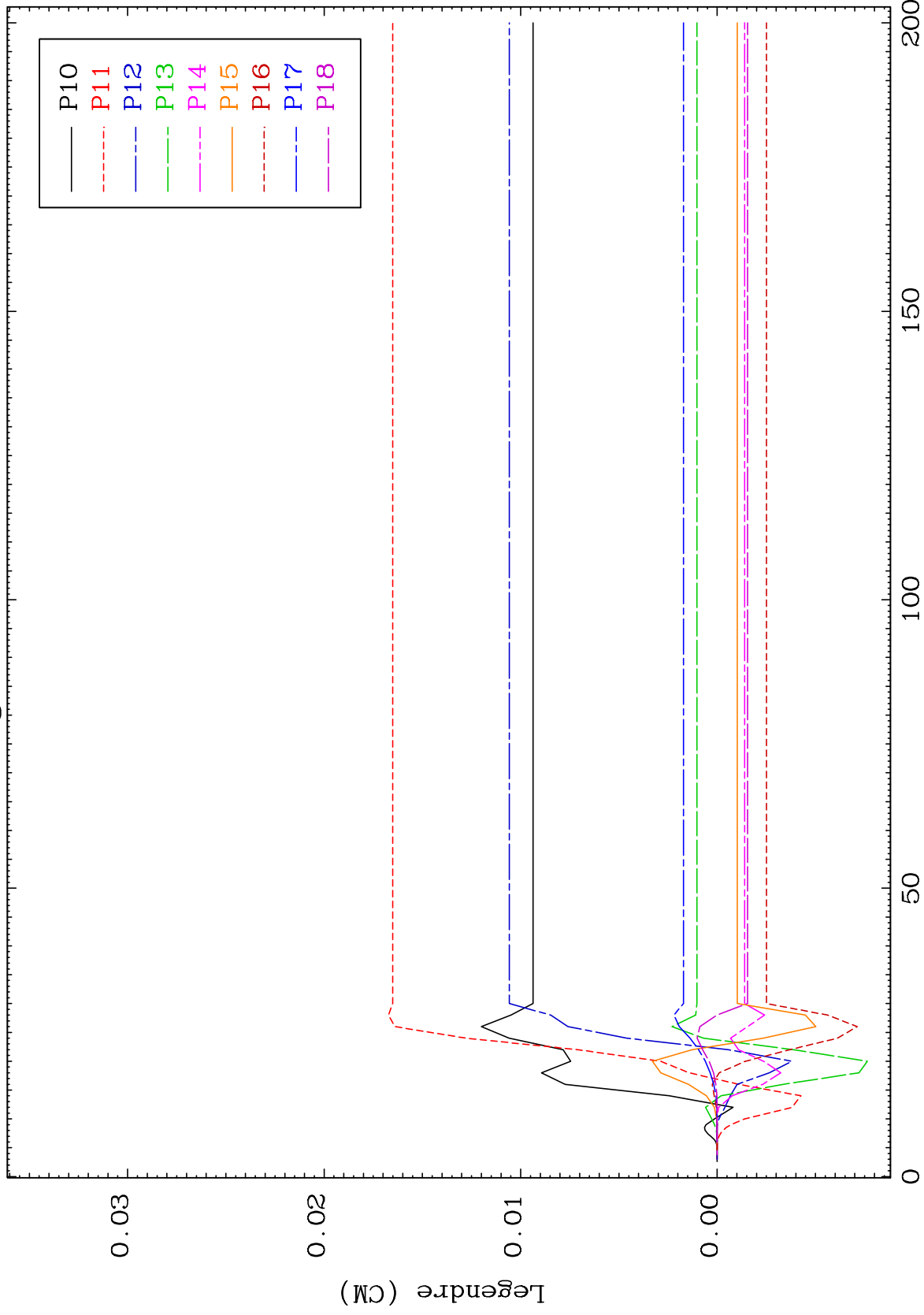
63-Eu-145

Incident Energy (MeV)

MAT 6307

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

63-Eu-145



81

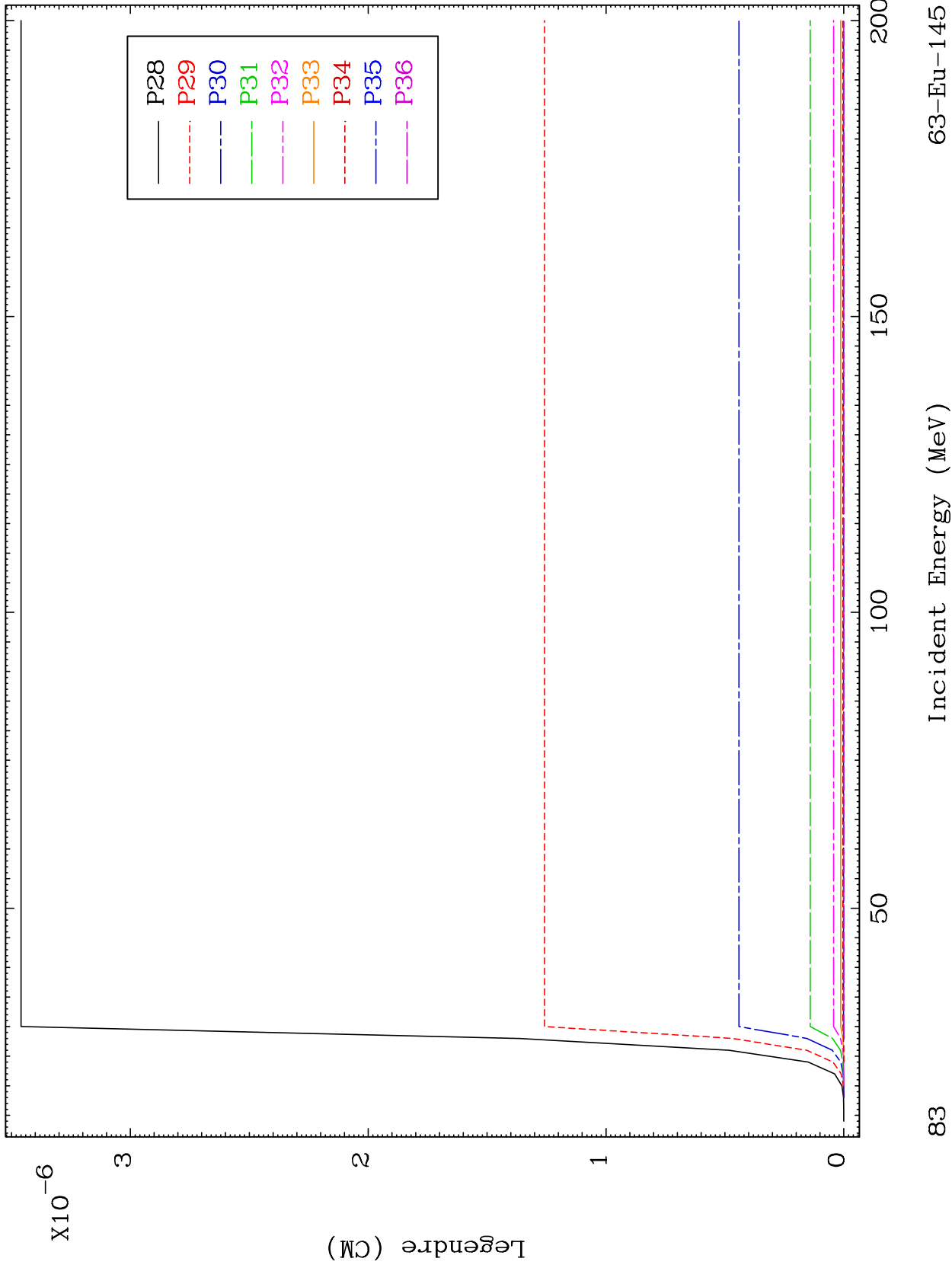
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

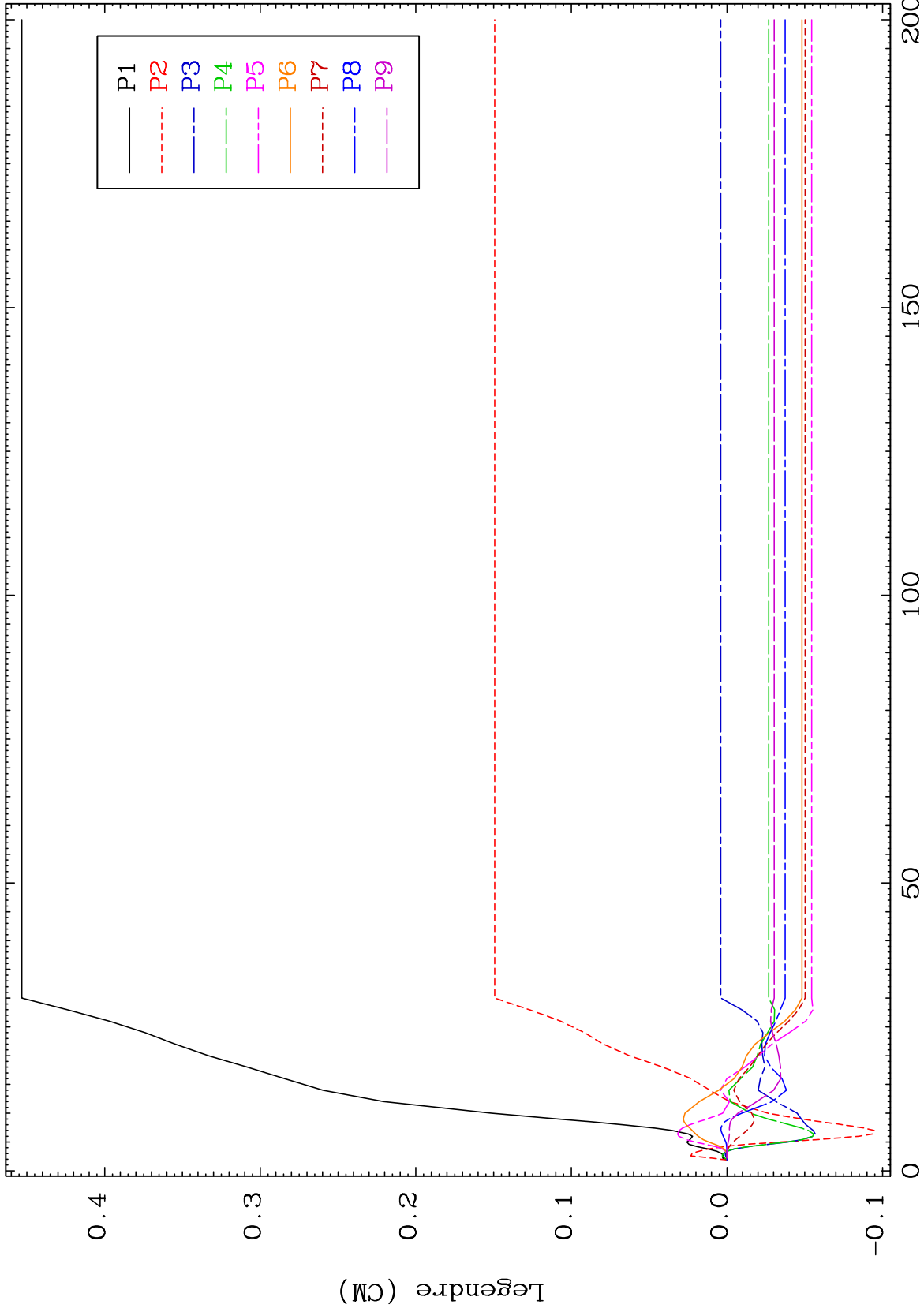
63-Eu-145



MAT 6307

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

63-Eu-145



84

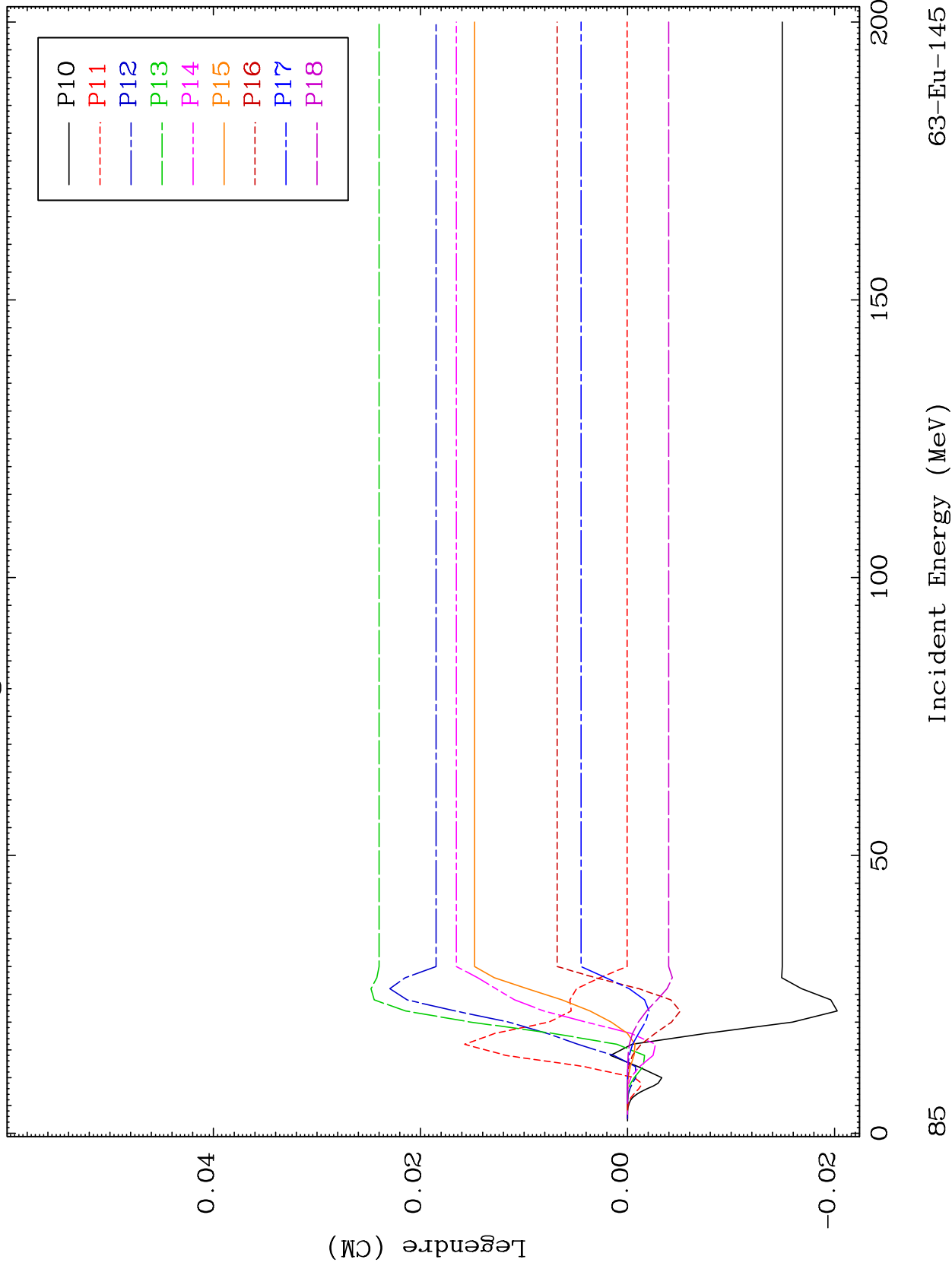
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



63-Eu-145

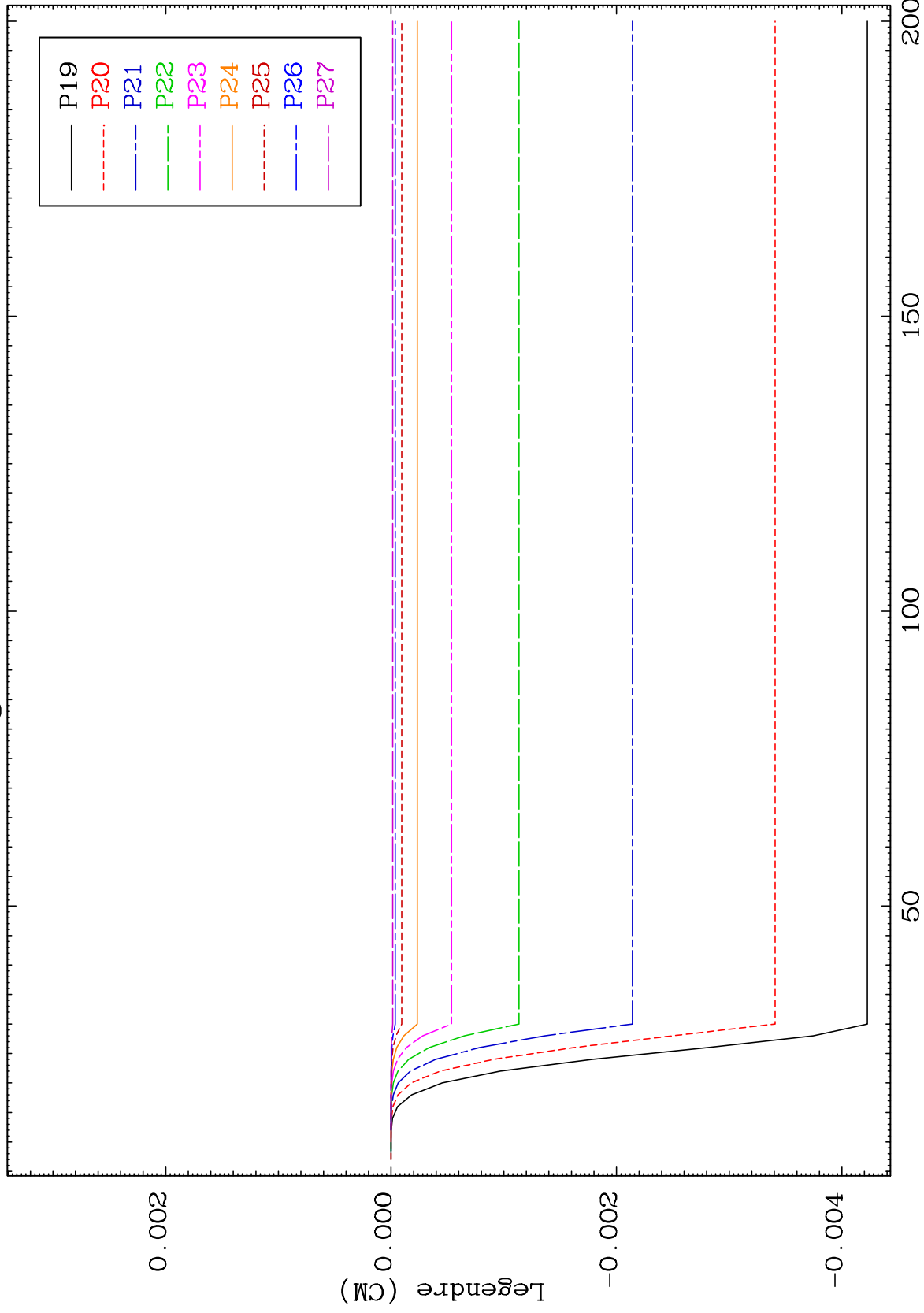
Incident Energy (MeV)

85

MAT 6307

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

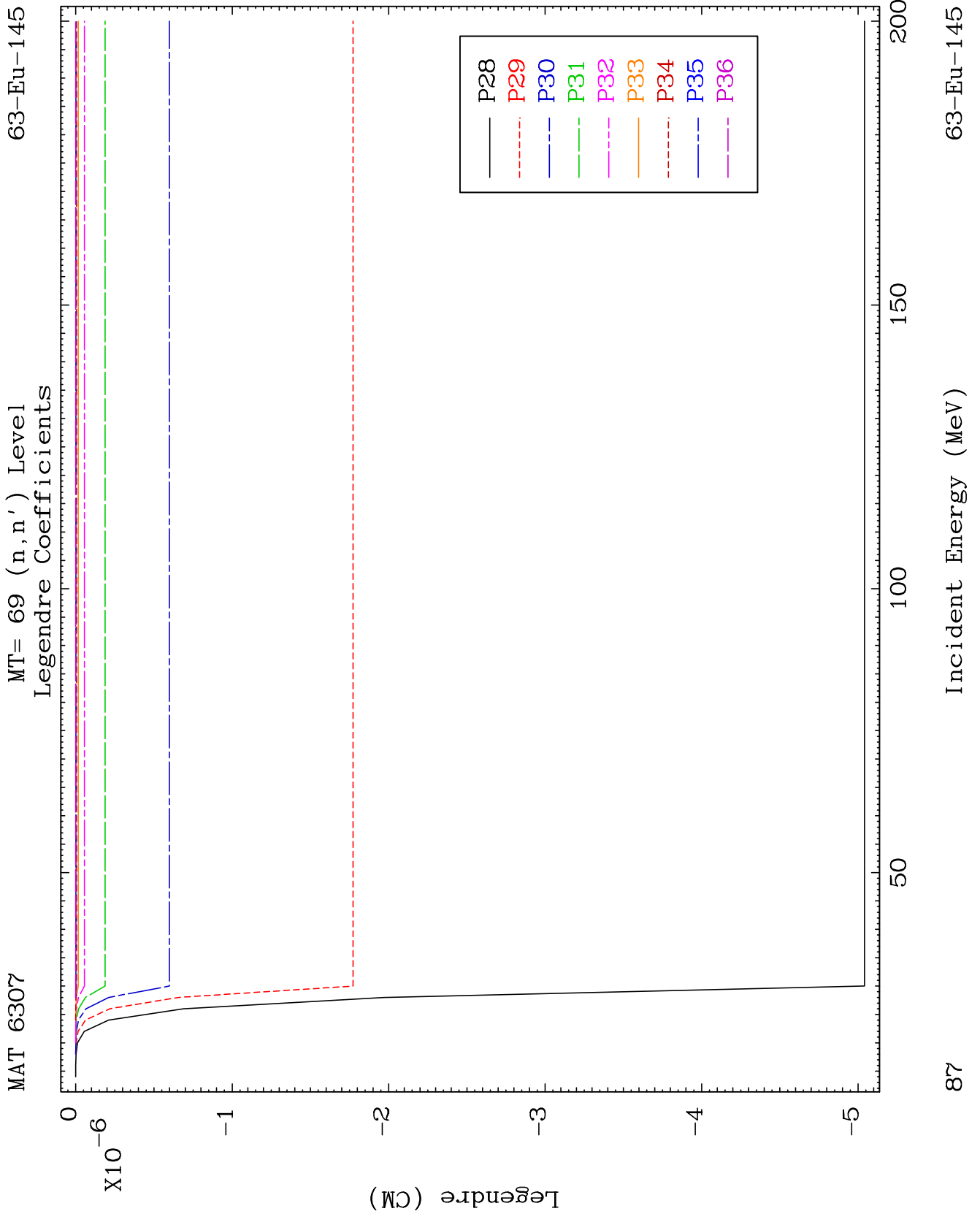
63-Eu-145



86

Incident Energy (MeV)

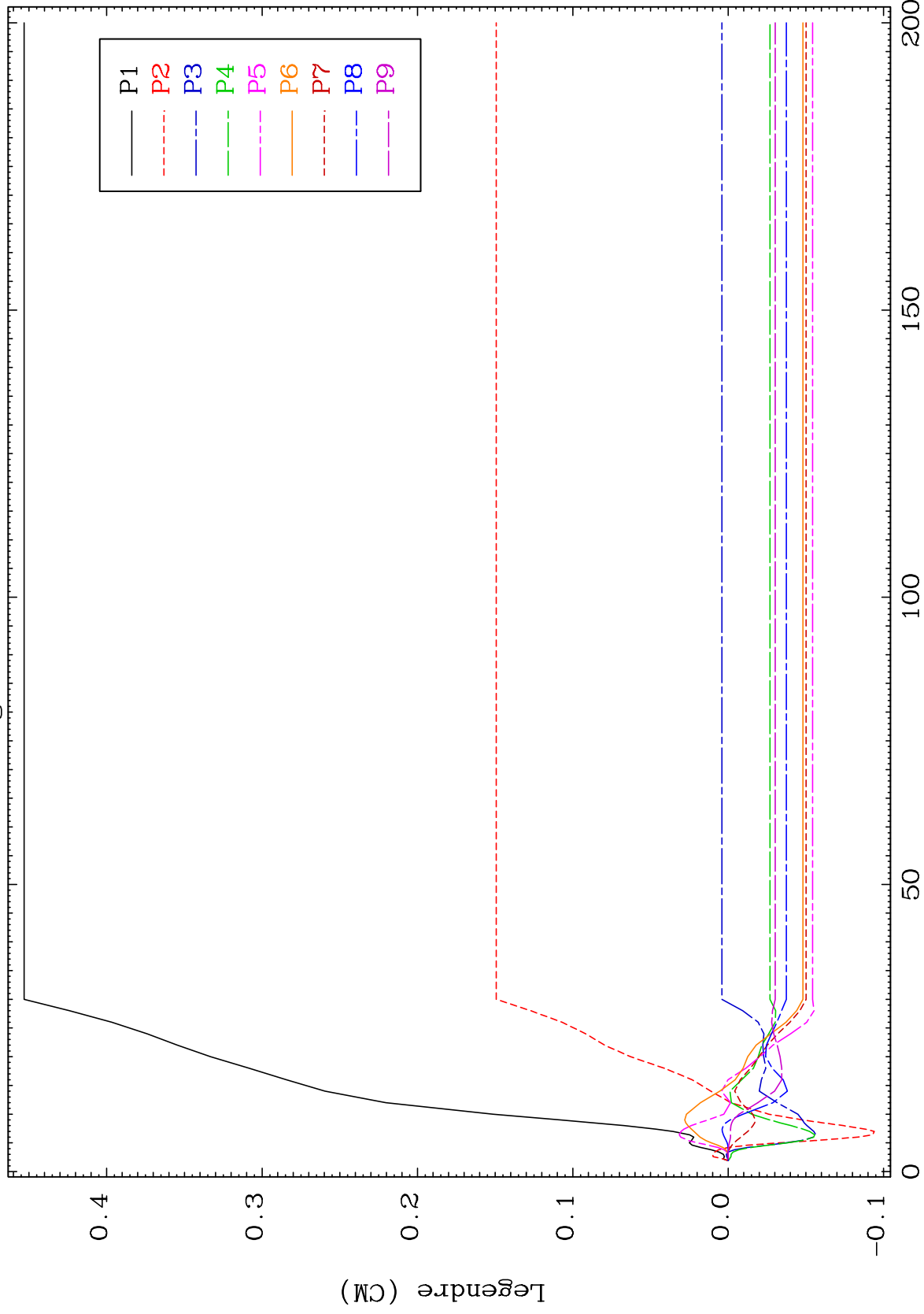
63-Eu-145



MAT 6307

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

63-Eu-145



88

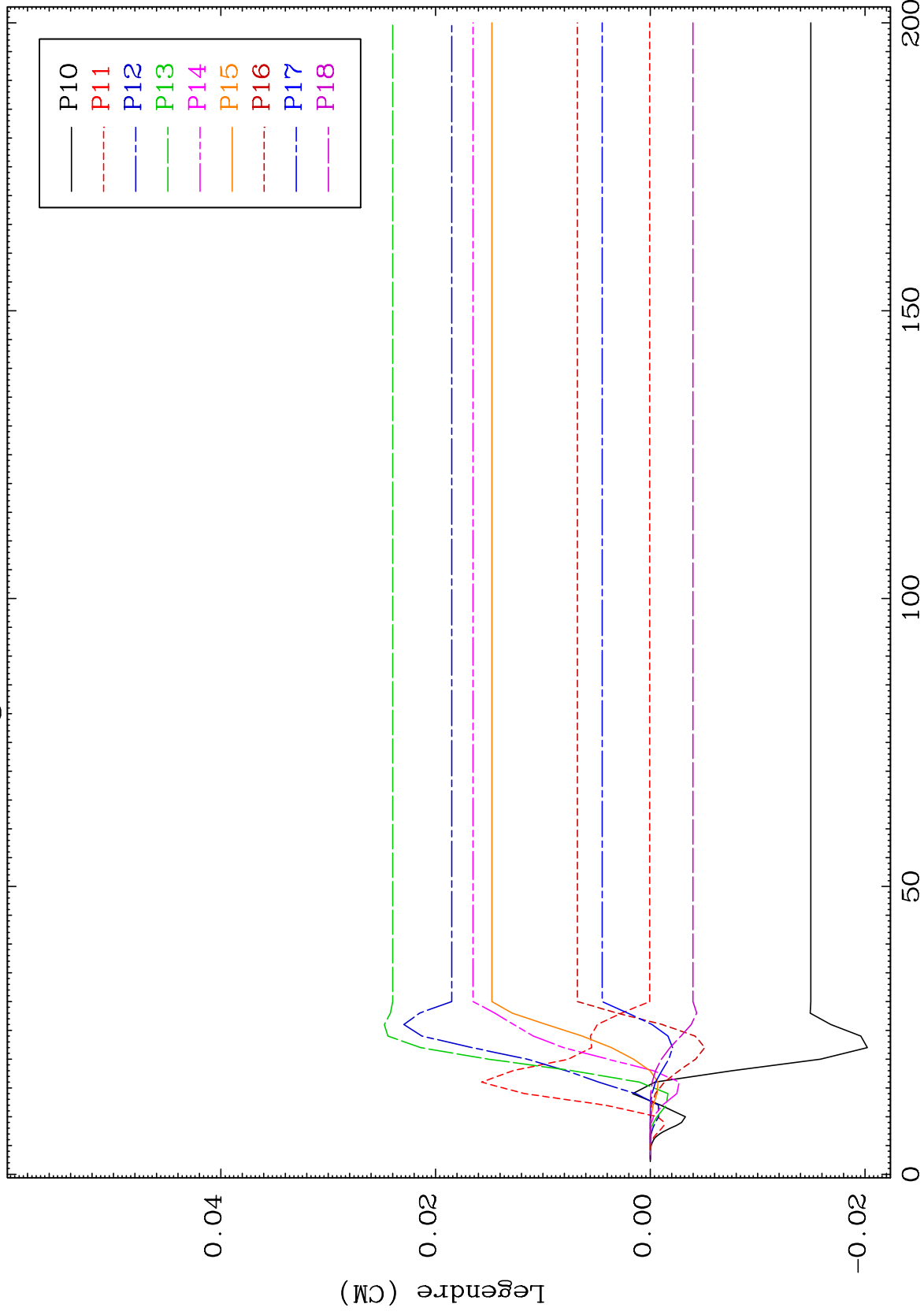
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



89

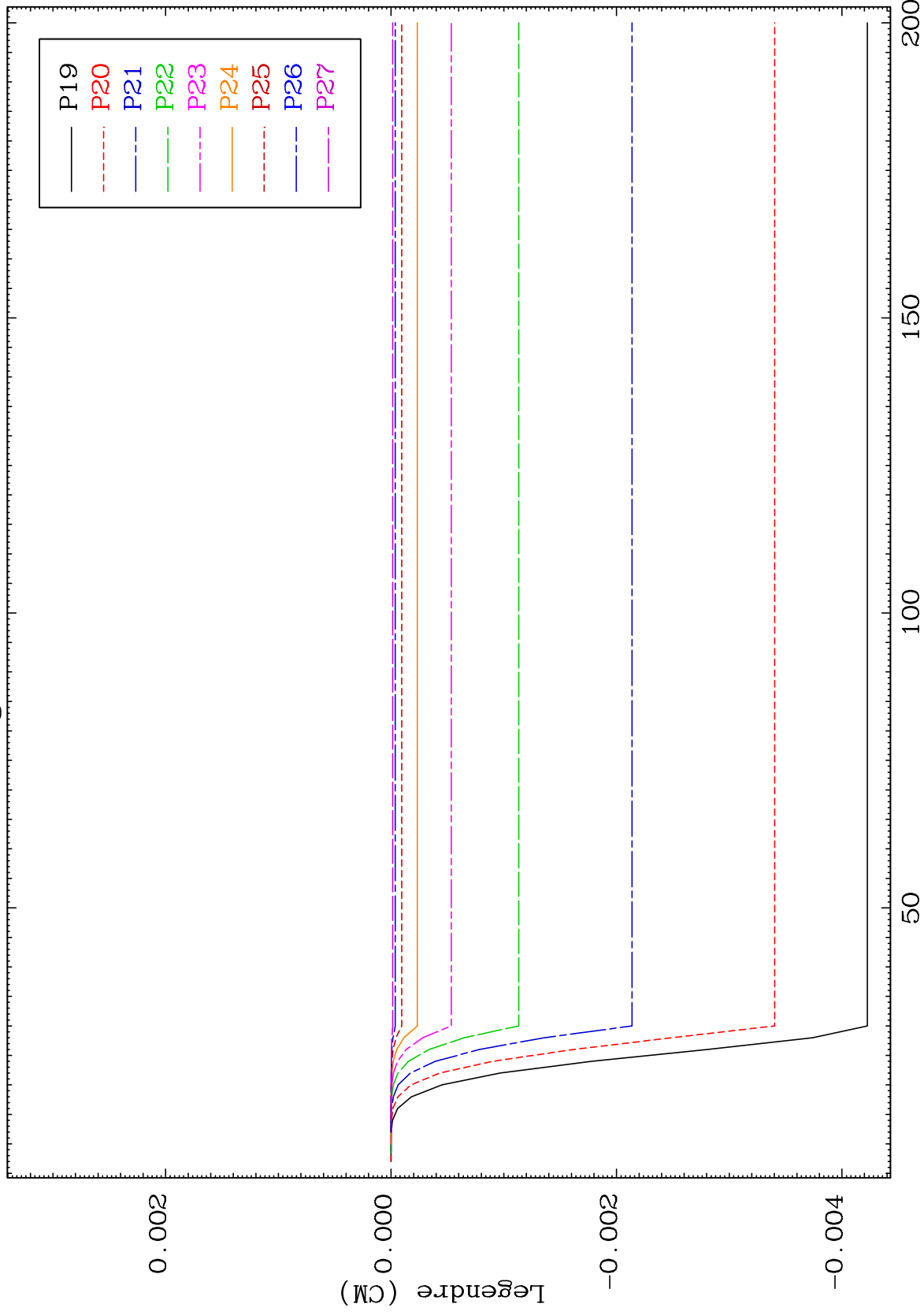
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

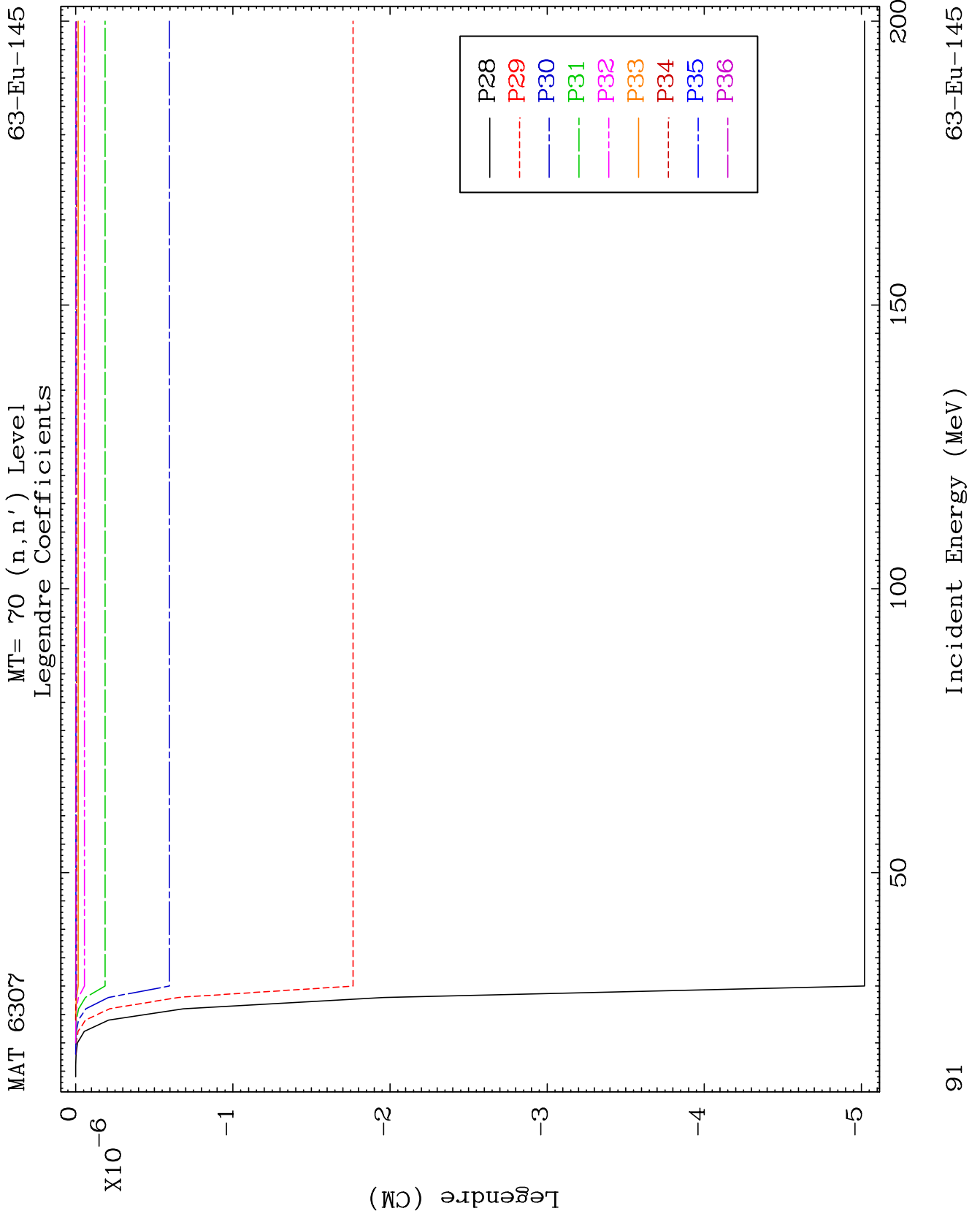
63-Eu-145

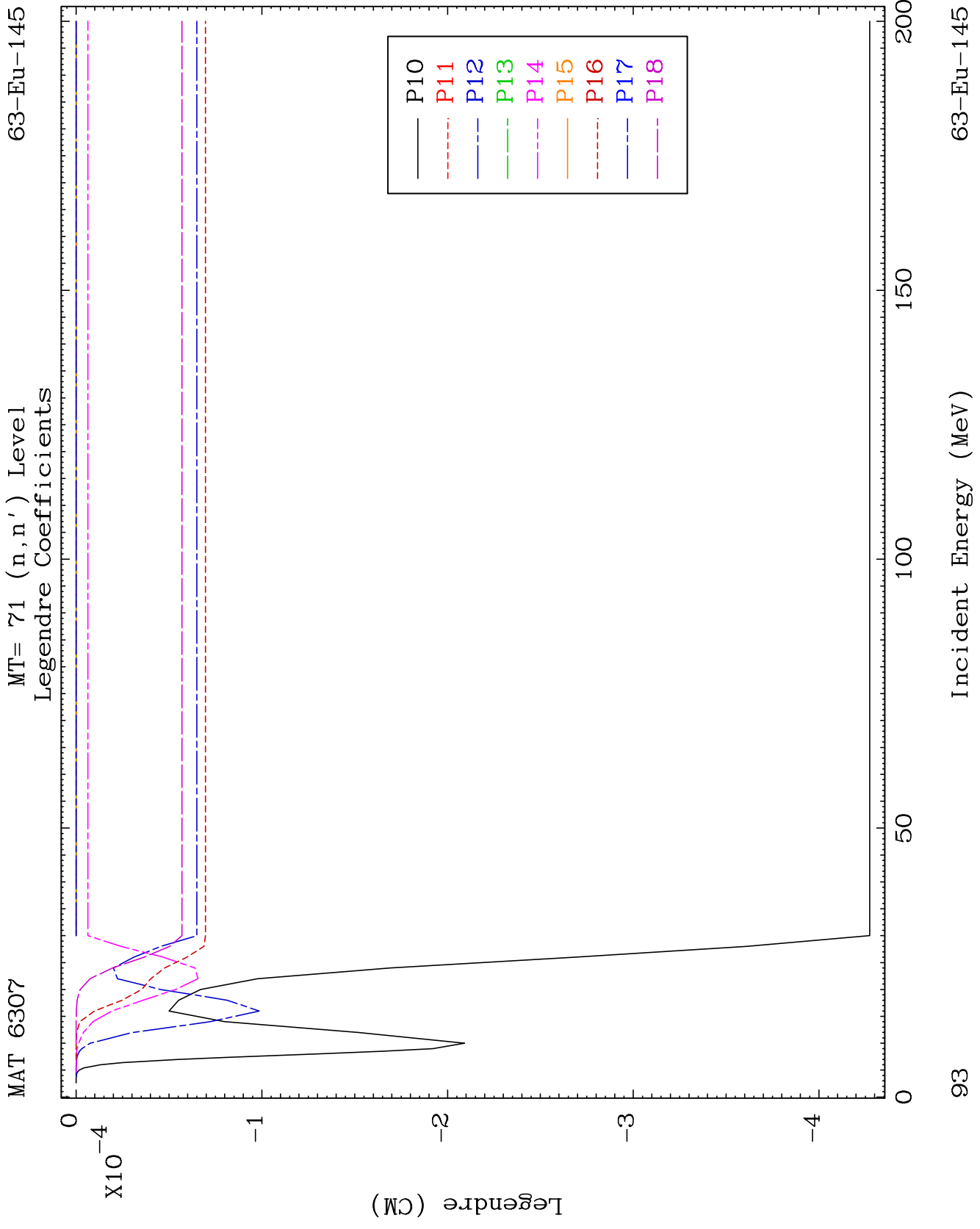


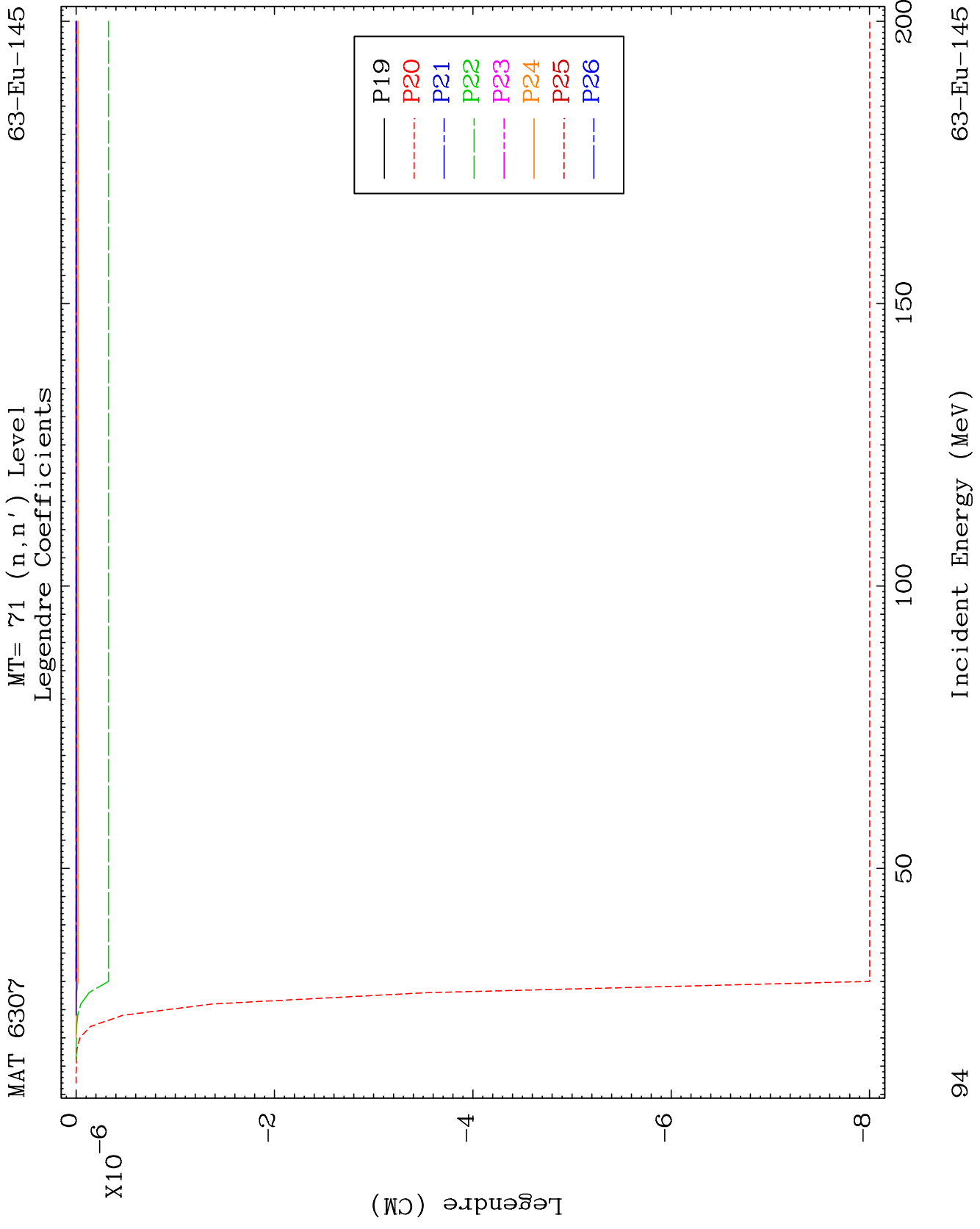
90

Incident Energy (MeV)

63-Eu-145



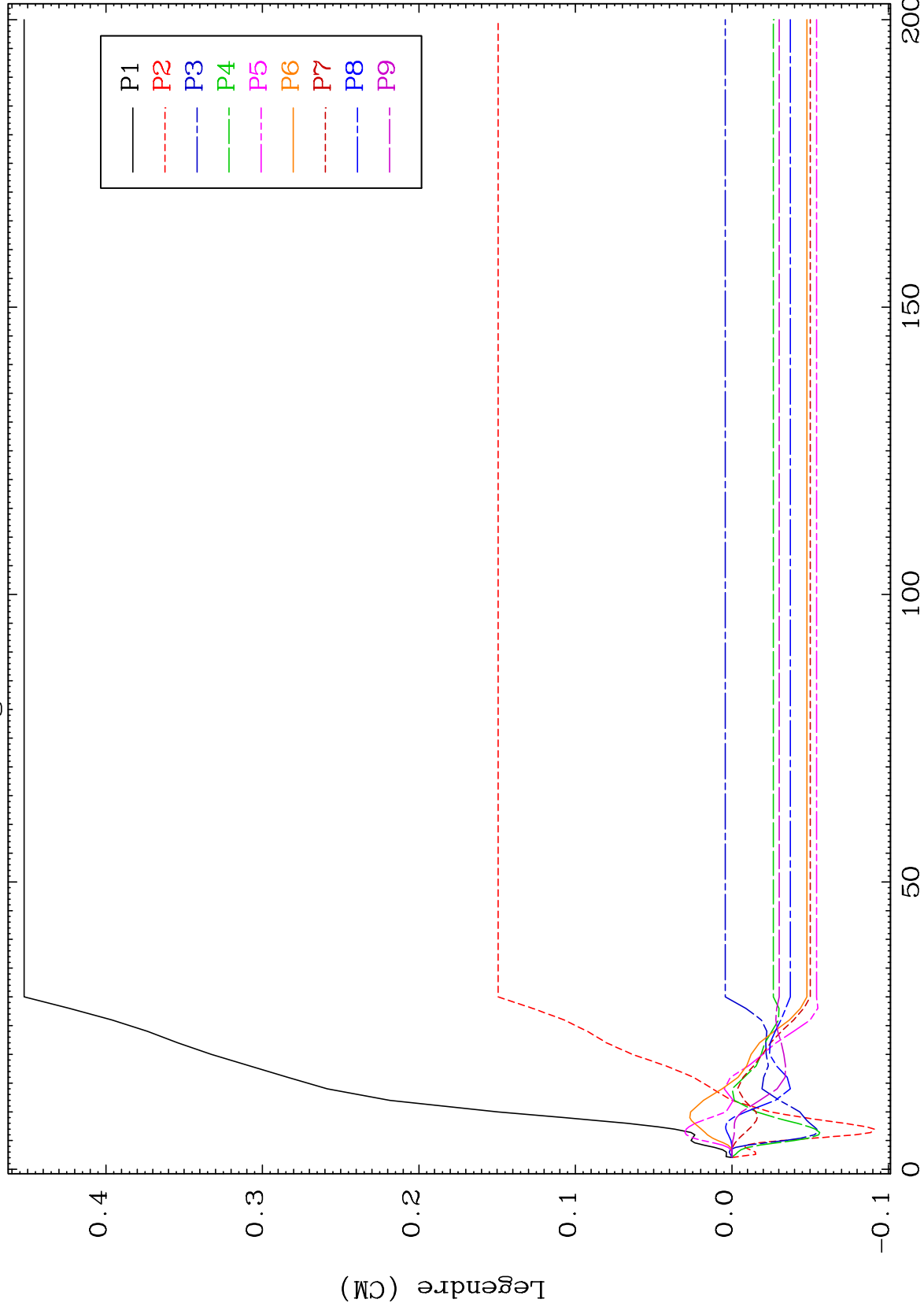




MAT 6307

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

63-Eu-145



95

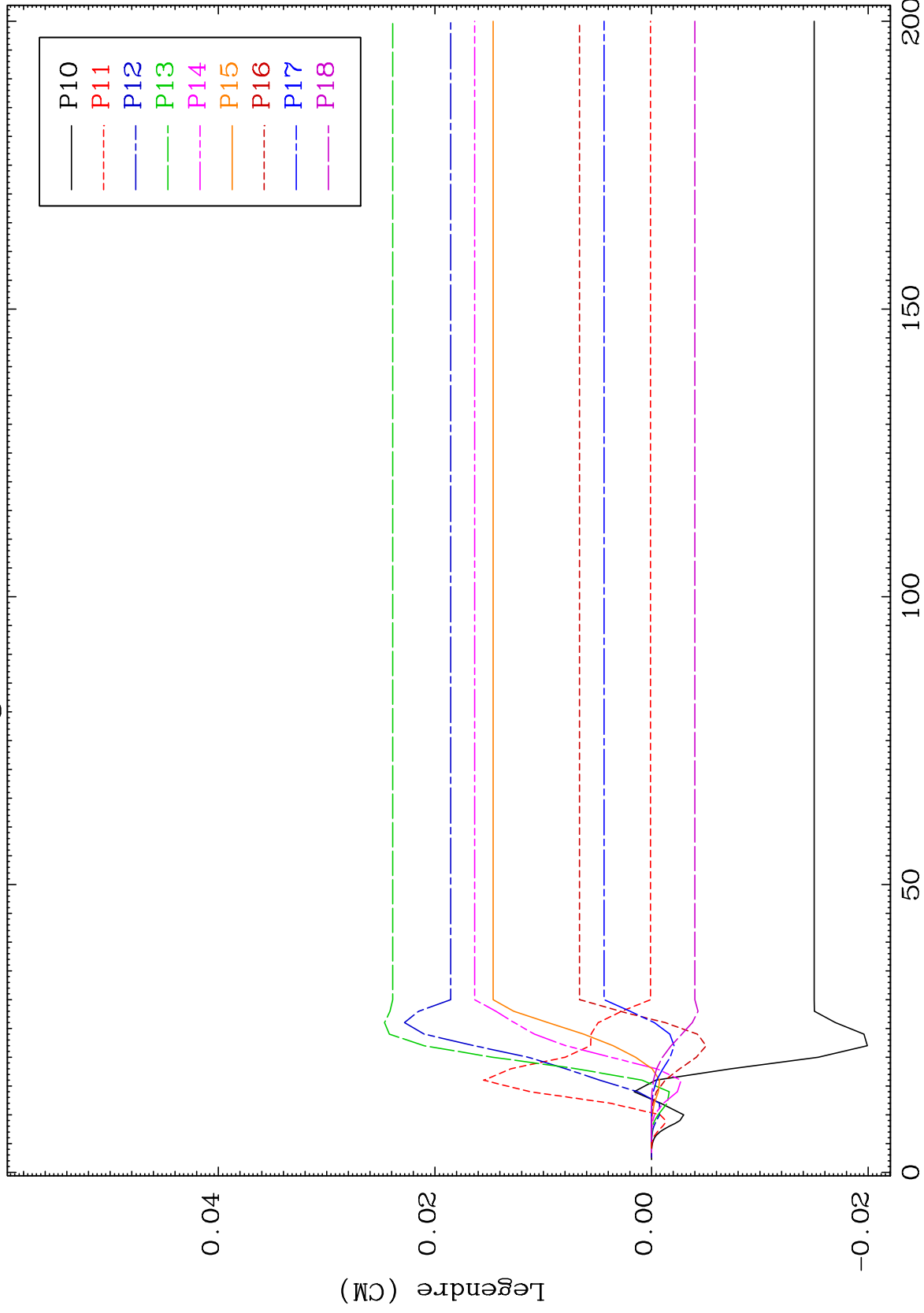
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



96

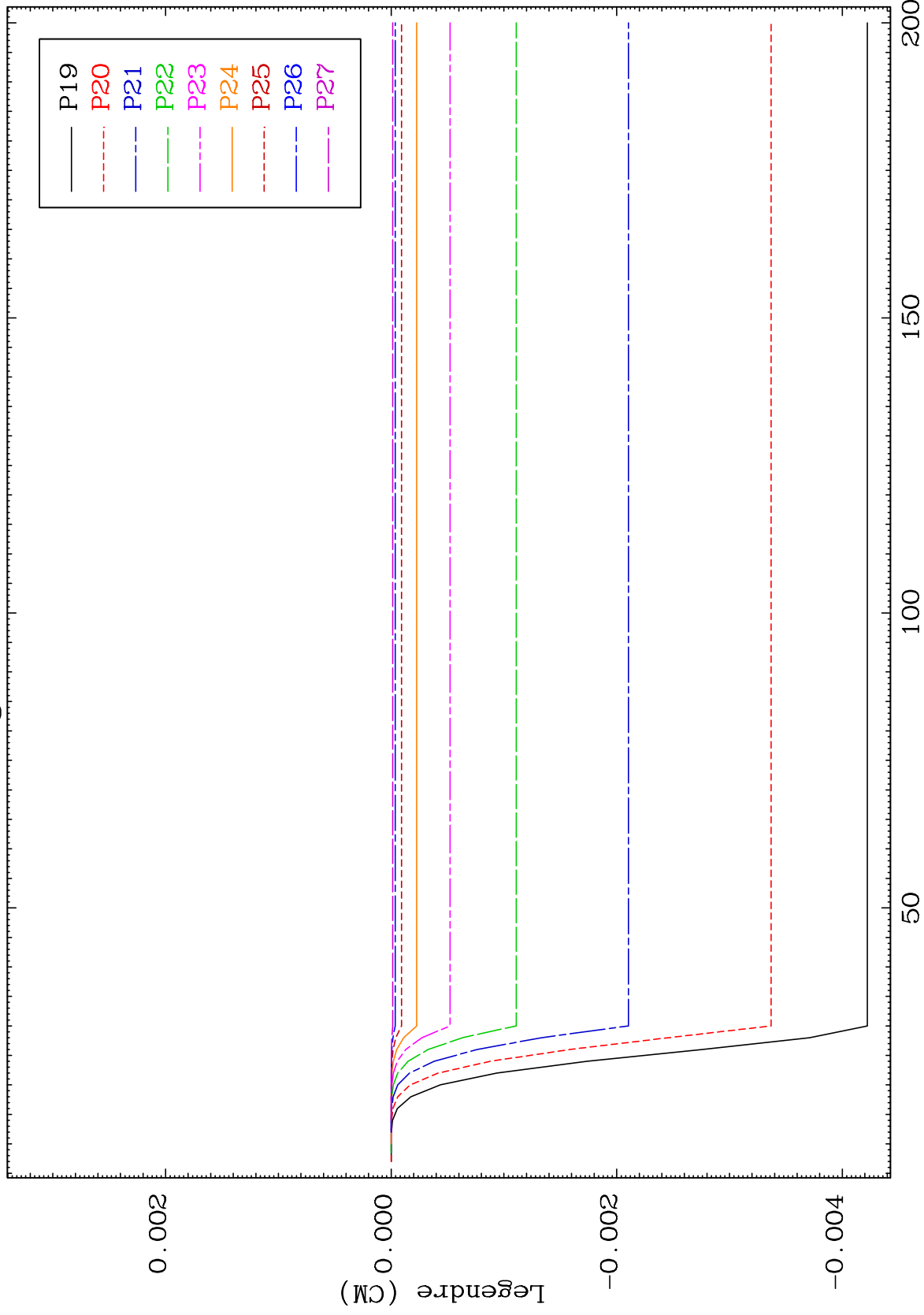
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

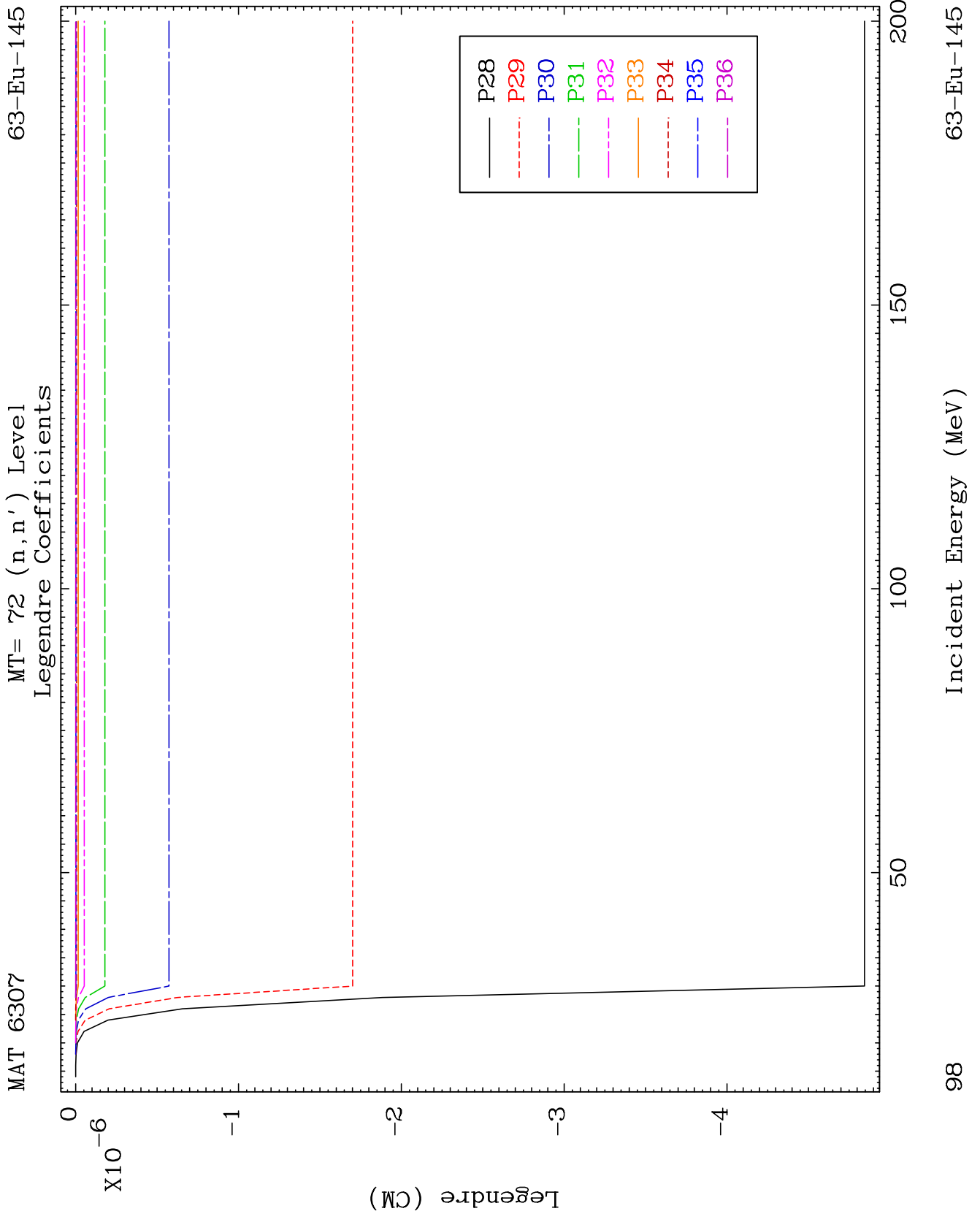
63-Eu-145



97

Incident Energy (MeV)

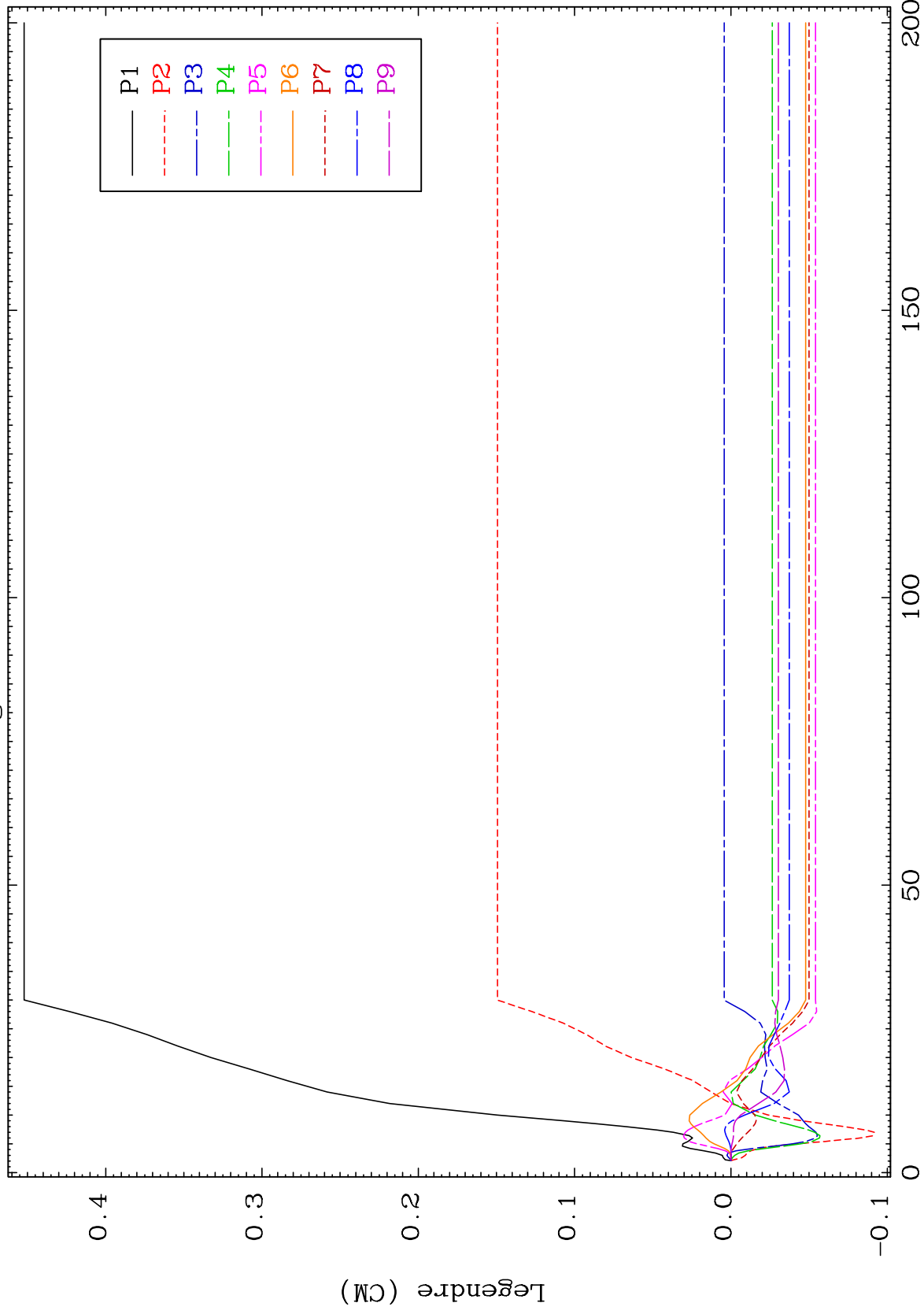
63-Eu-145



MAT 6307

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

63-Eu-145



99

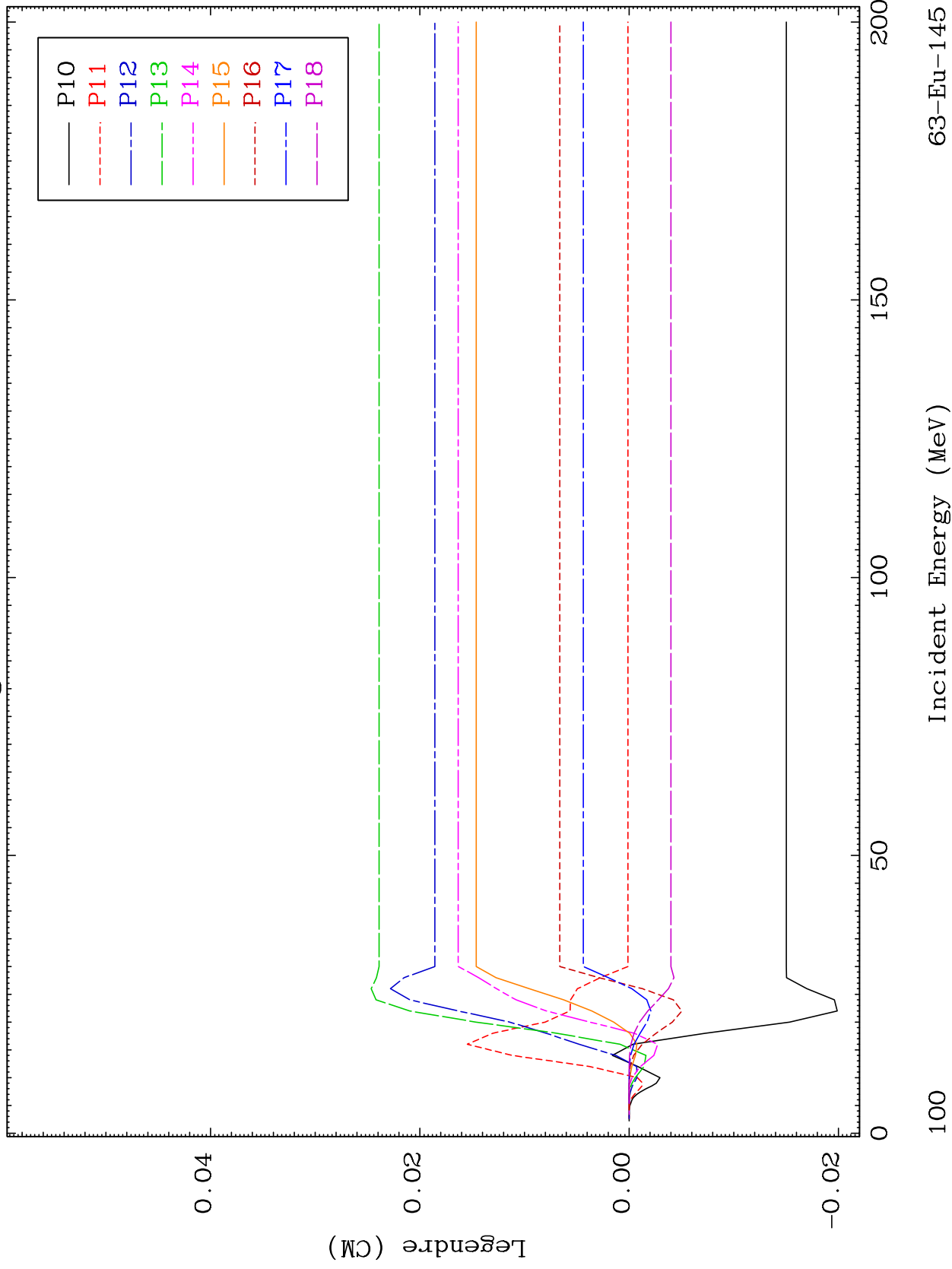
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



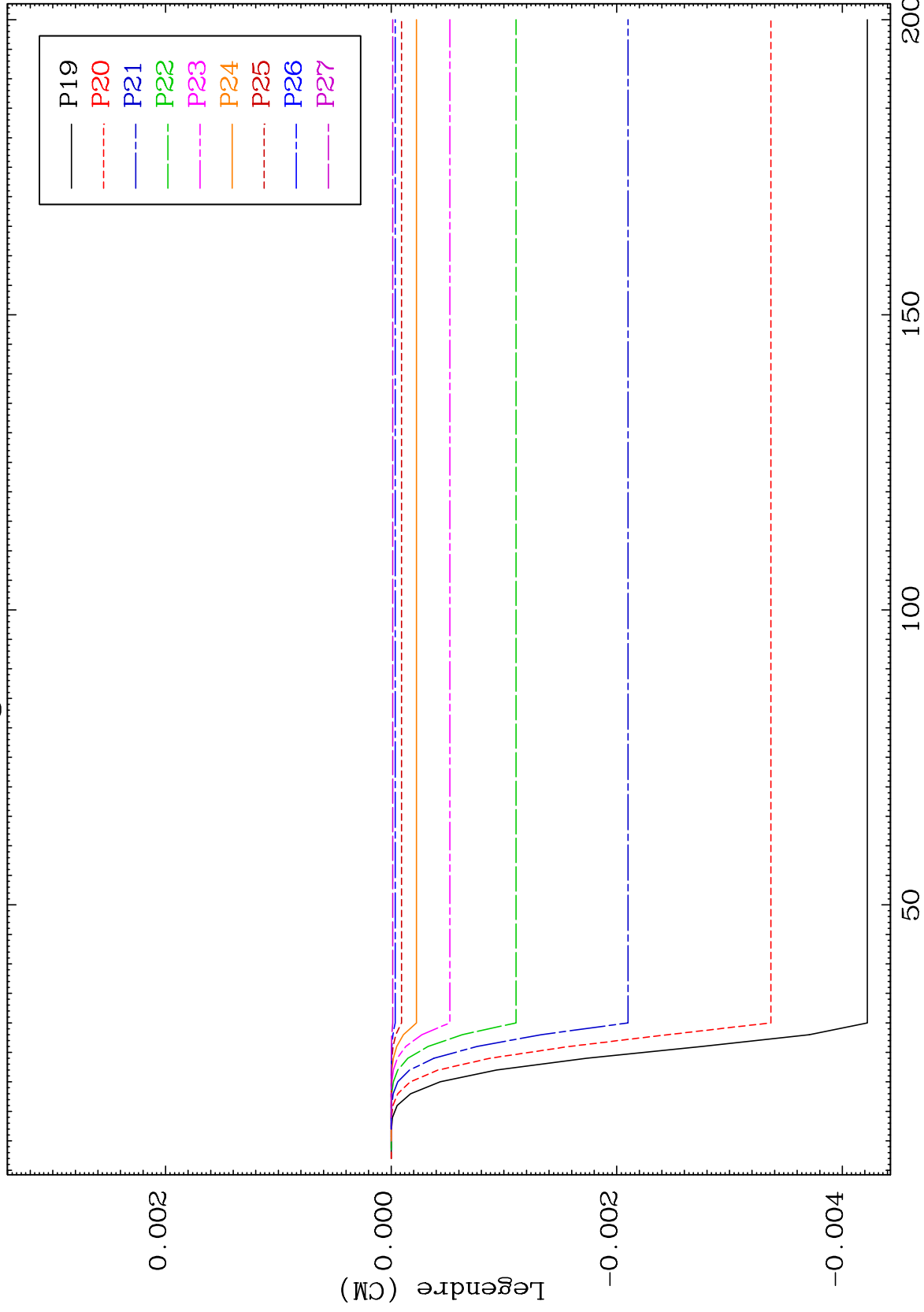
63-Eu-145

Incident Energy (MeV)

MAT 6307

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

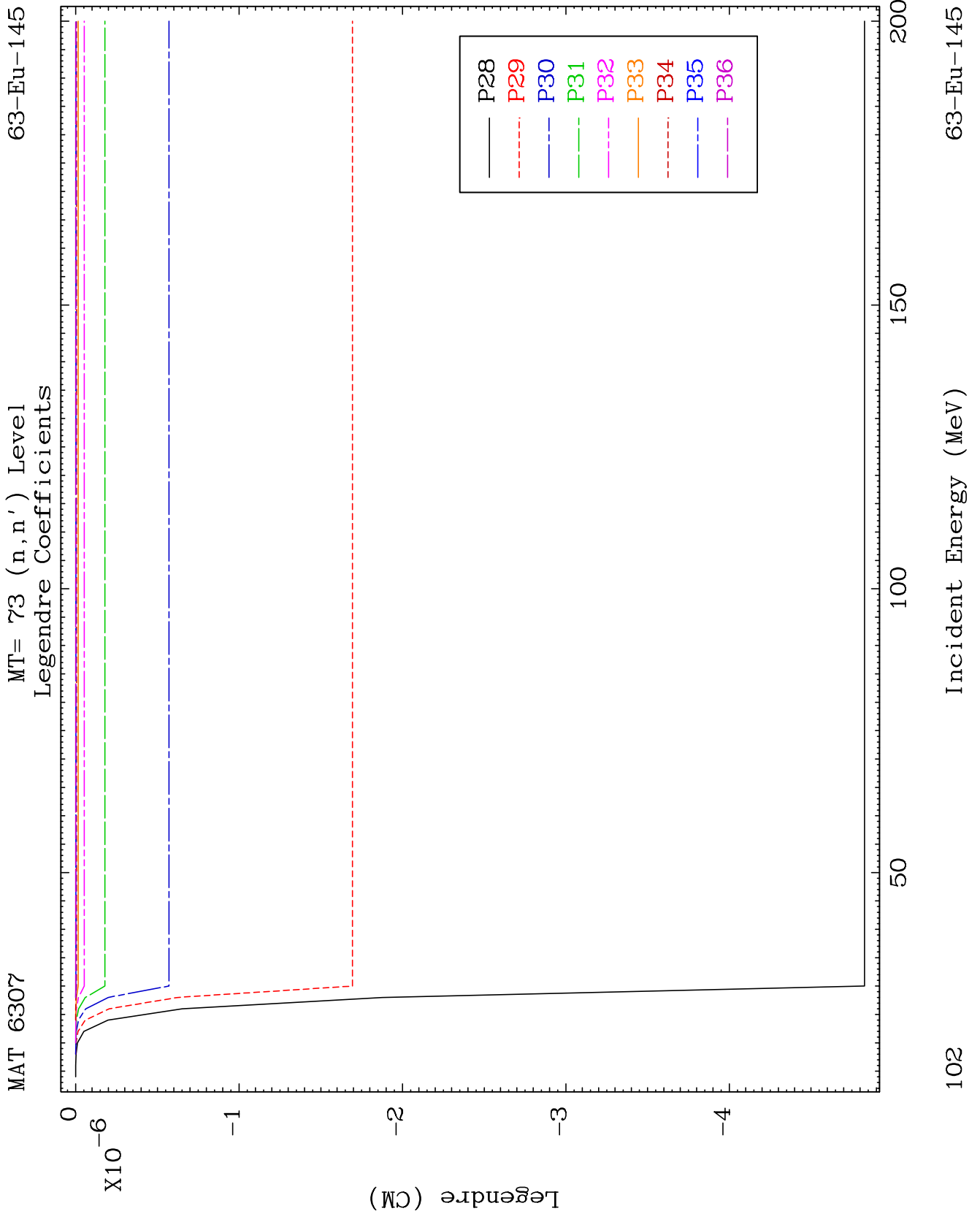
63-Eu-145

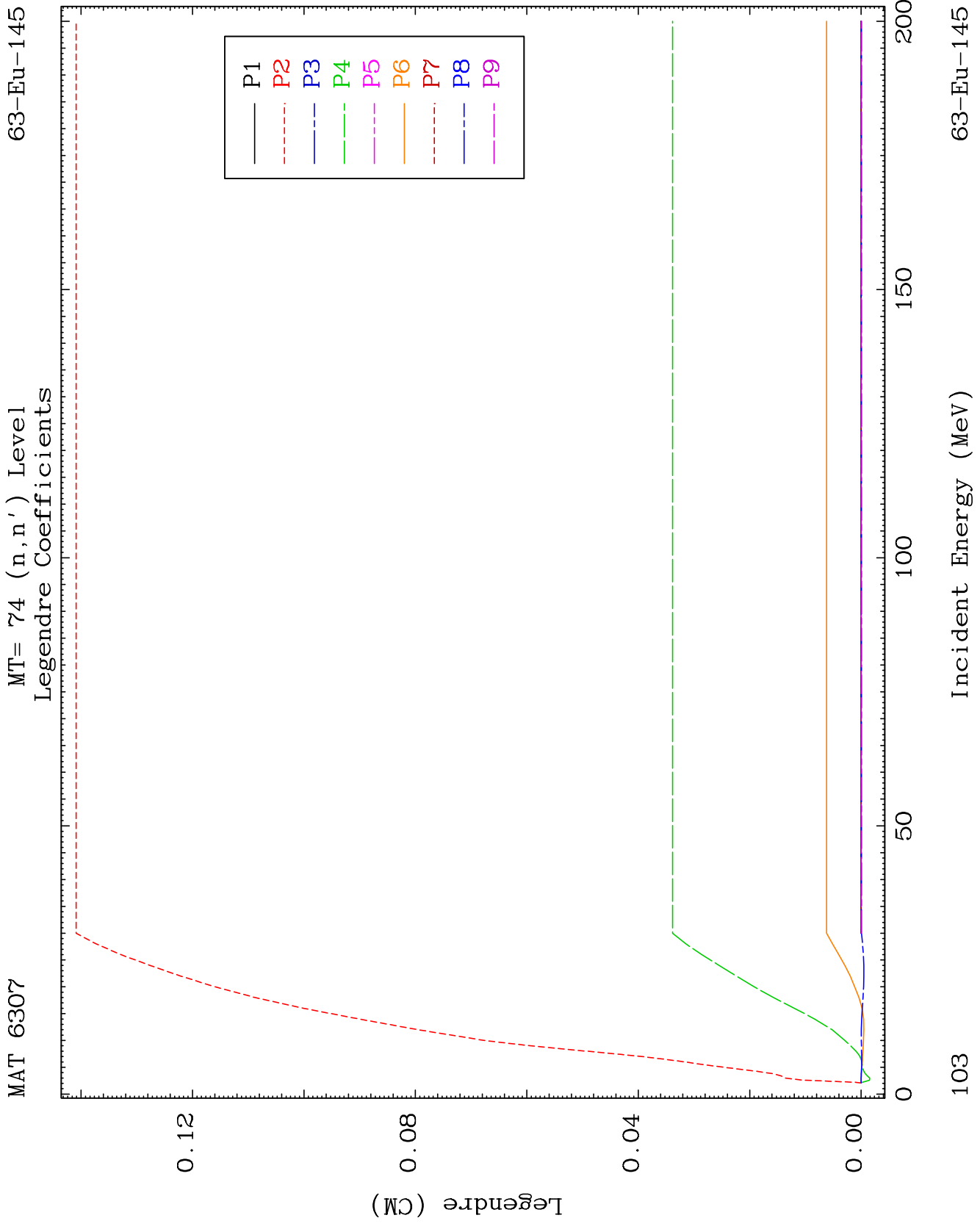


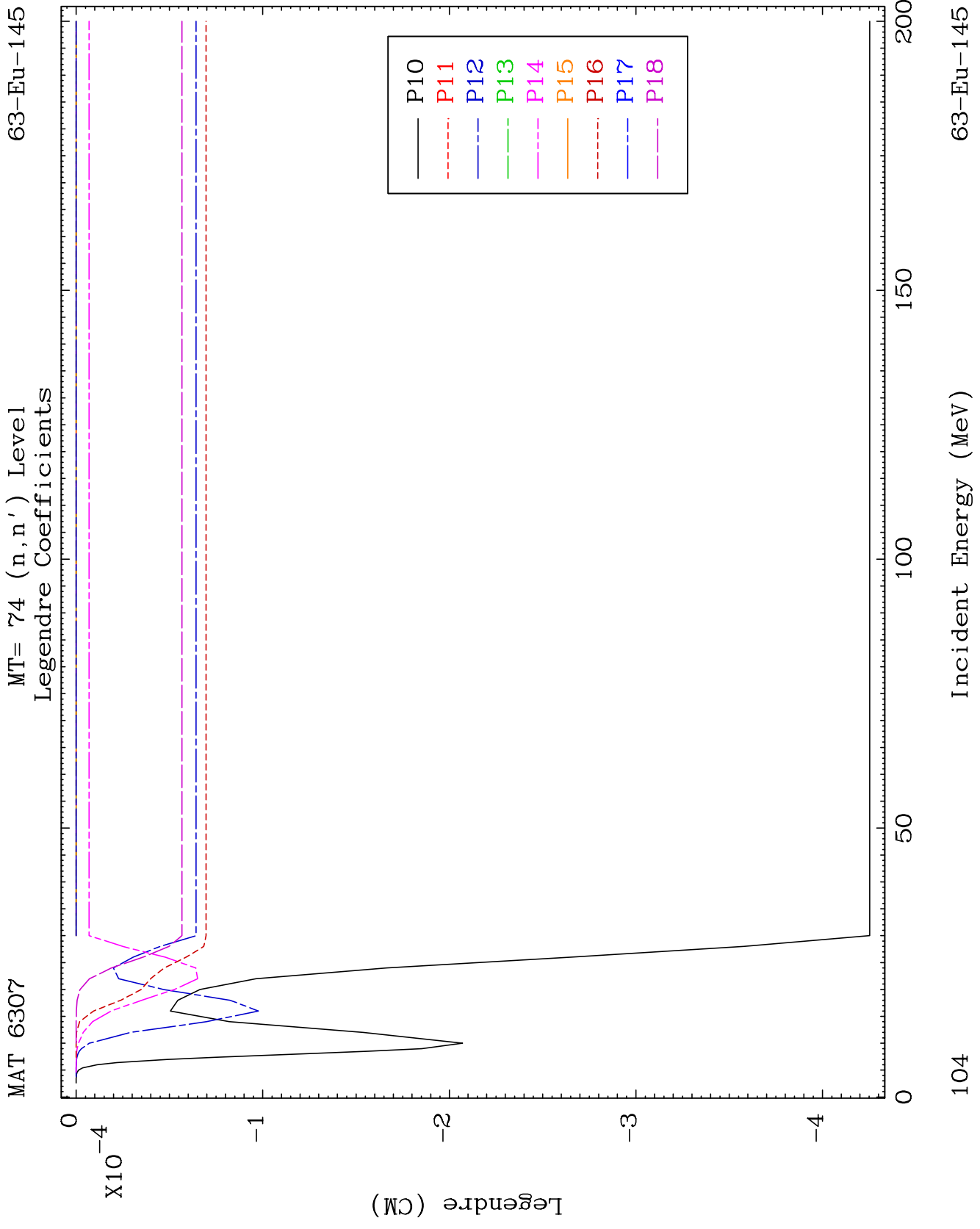
101

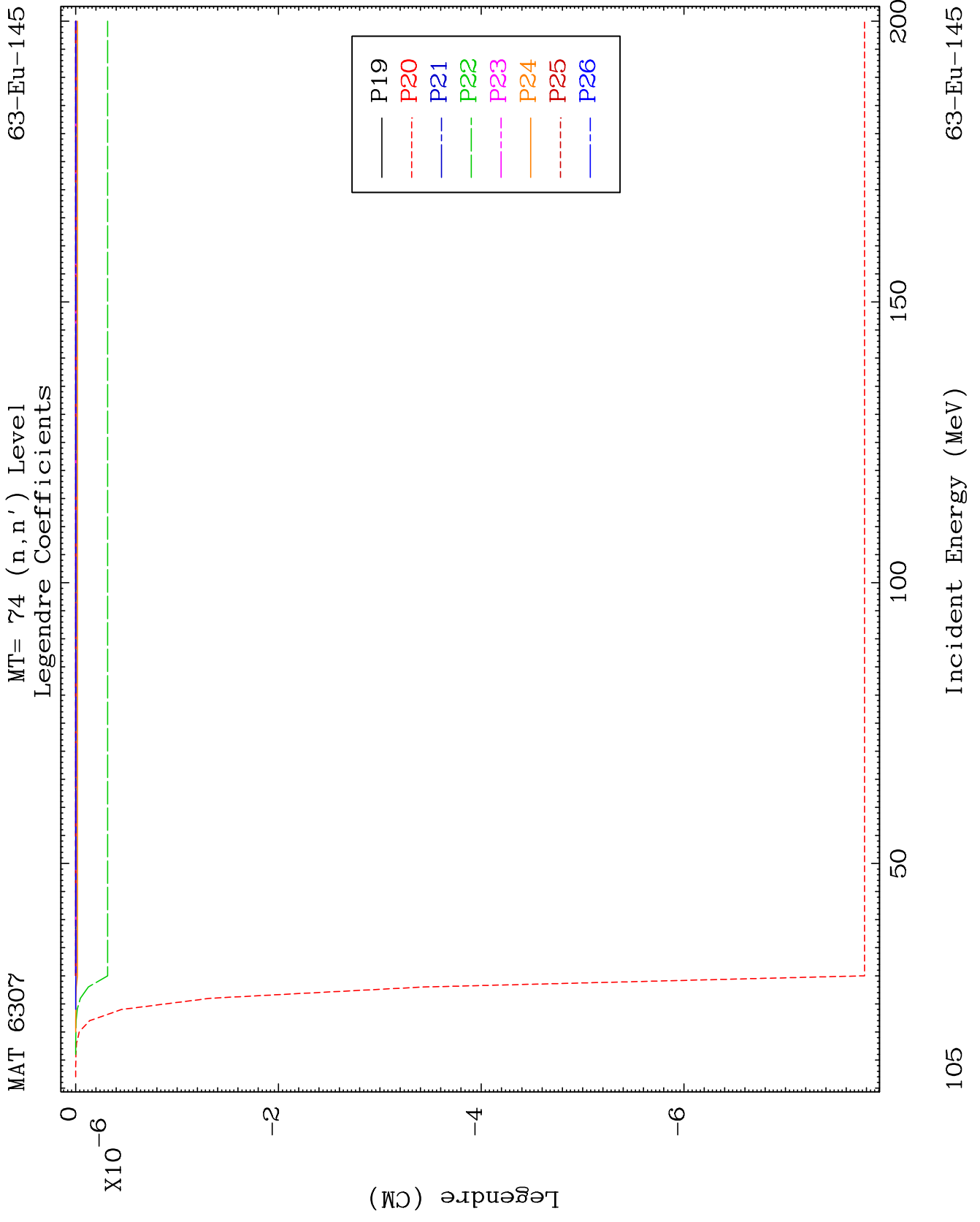
Incident Energy (MeV)

63-Eu-145





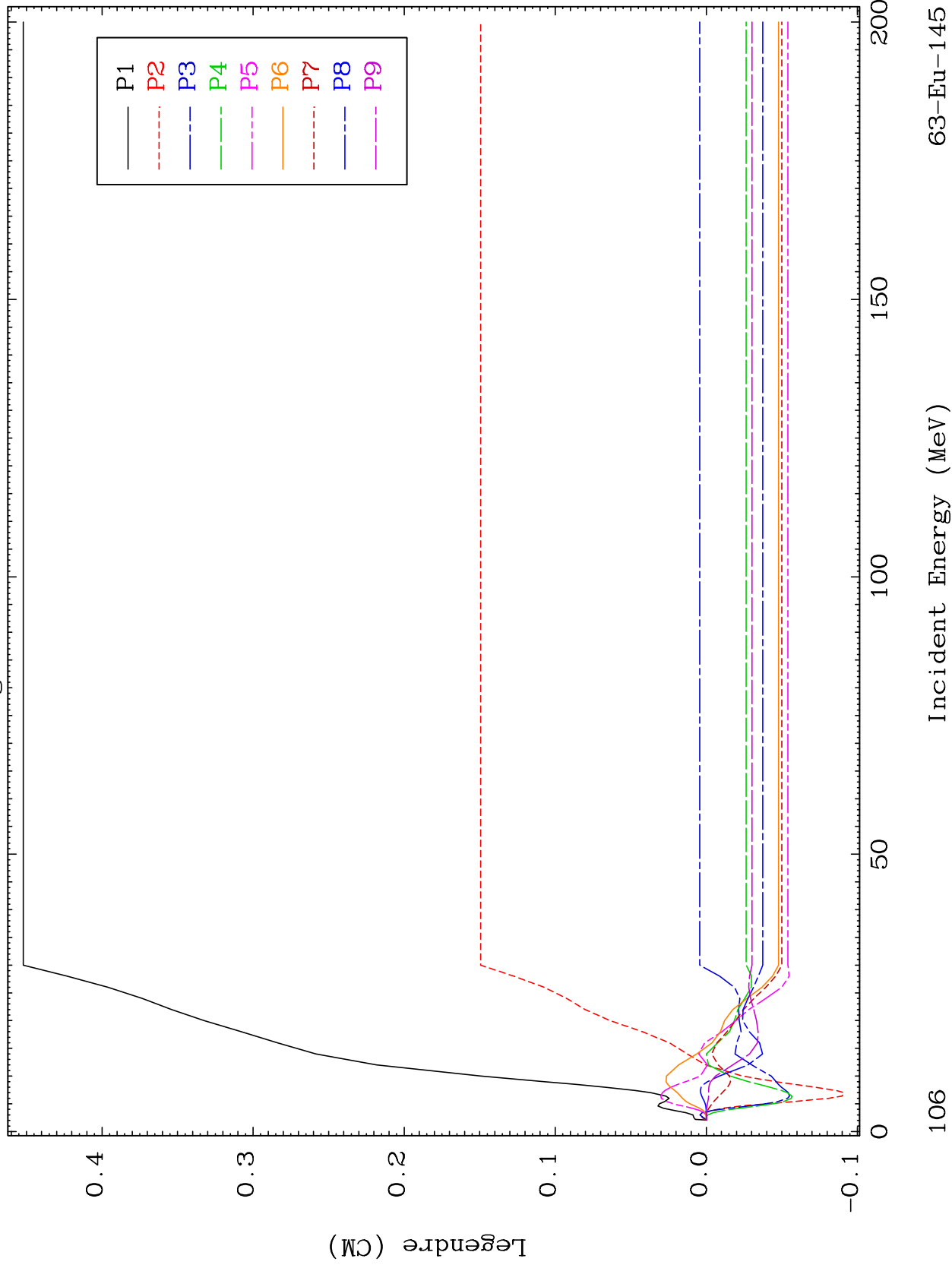




MAT 6307

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

63-Eu-145



63-Eu-145

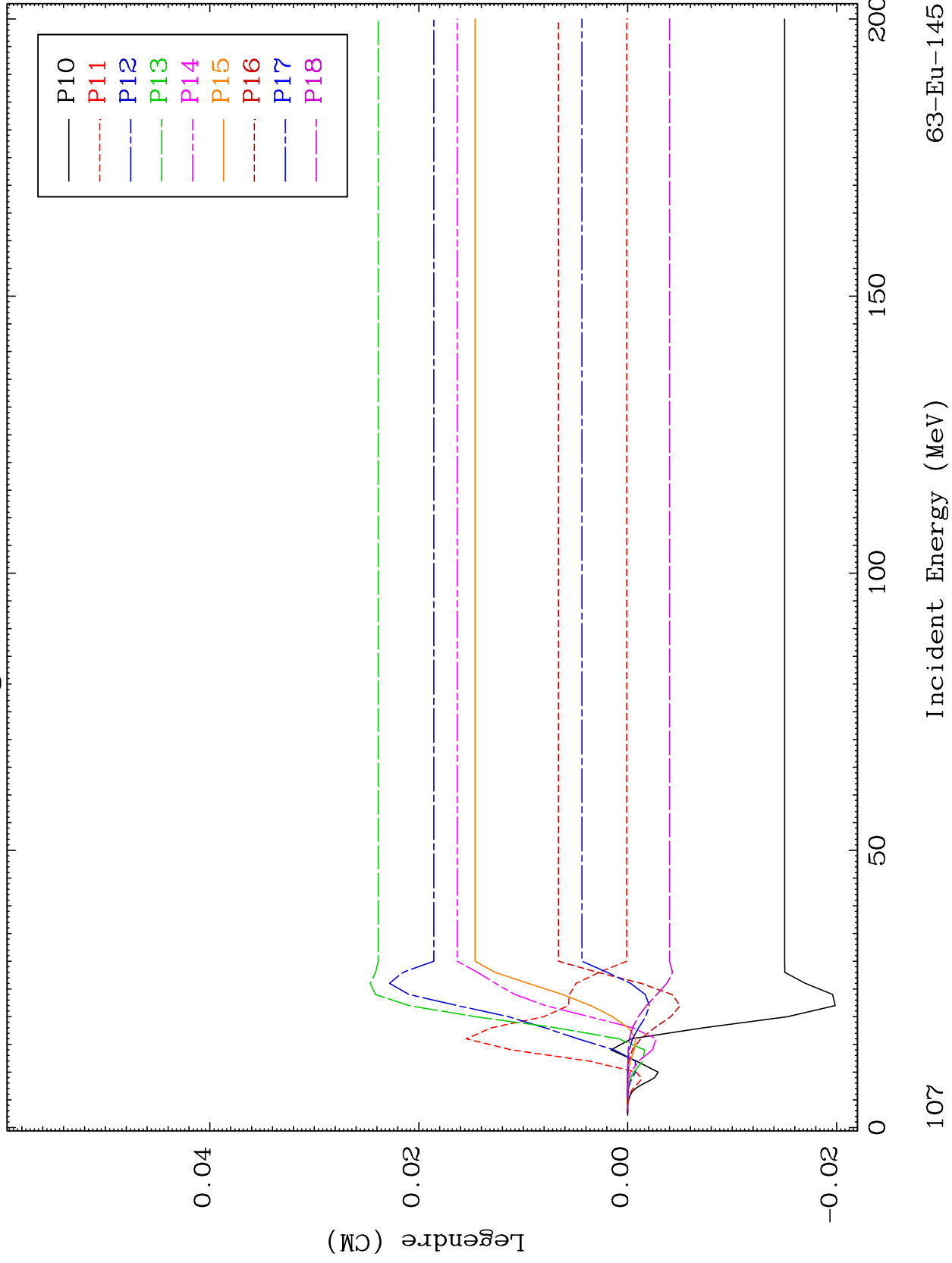
Incident Energy (MeV)

106

MAT 6307

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

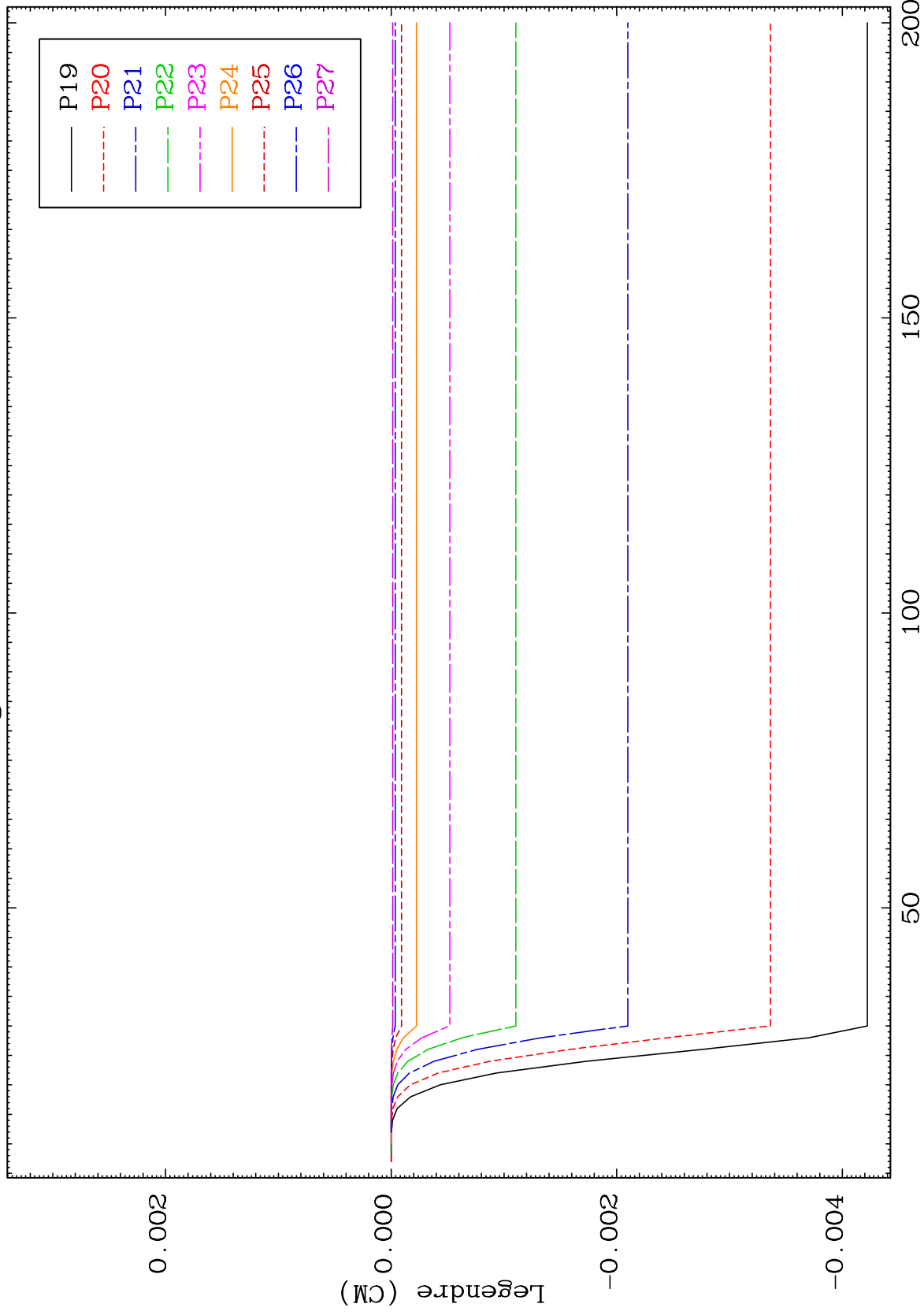
63-Eu-145



MAT 6307

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

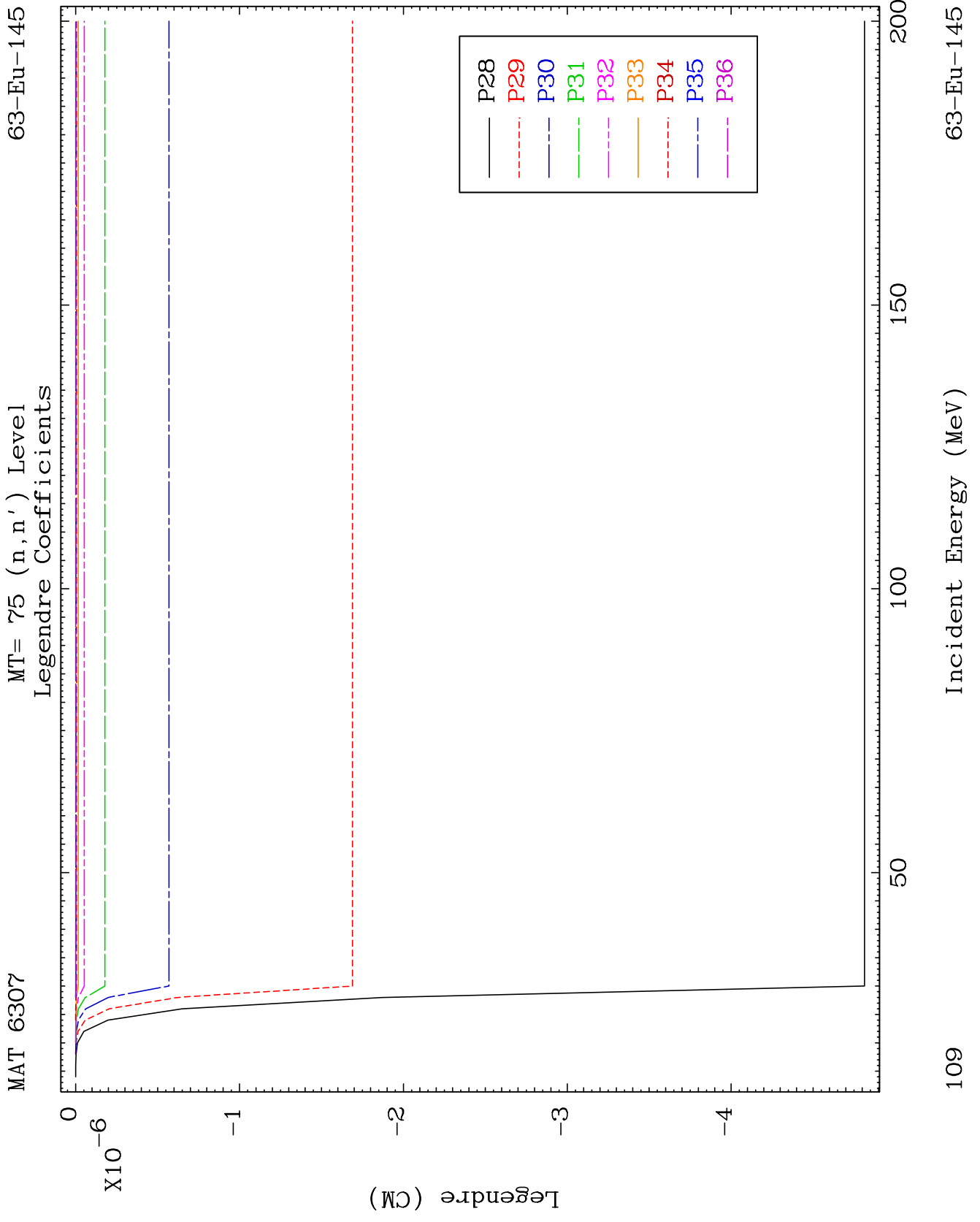
63-Eu-145



108

Incident Energy (MeV)

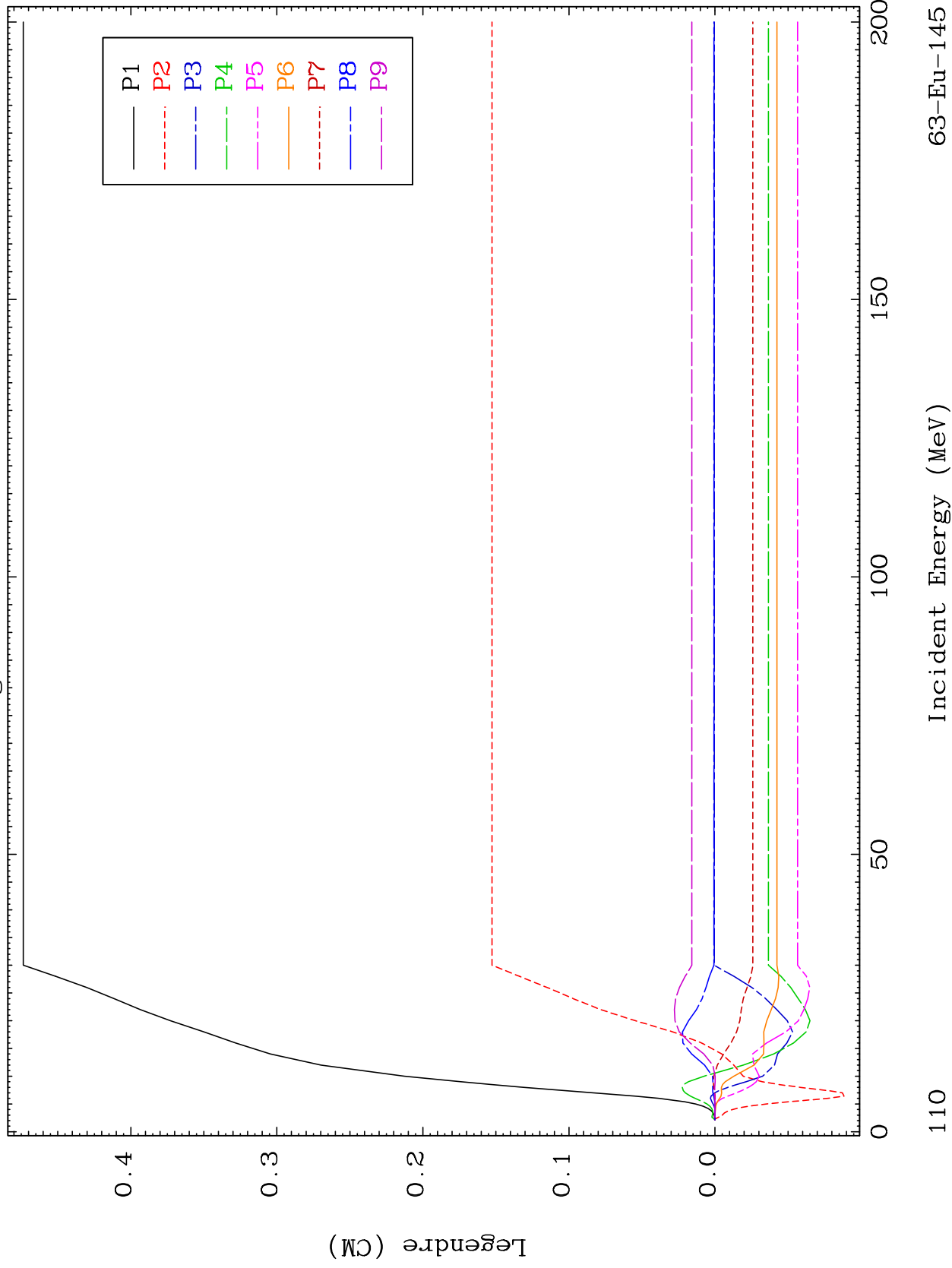
63-Eu-145



MAT 6307

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

63-Eu-145



110

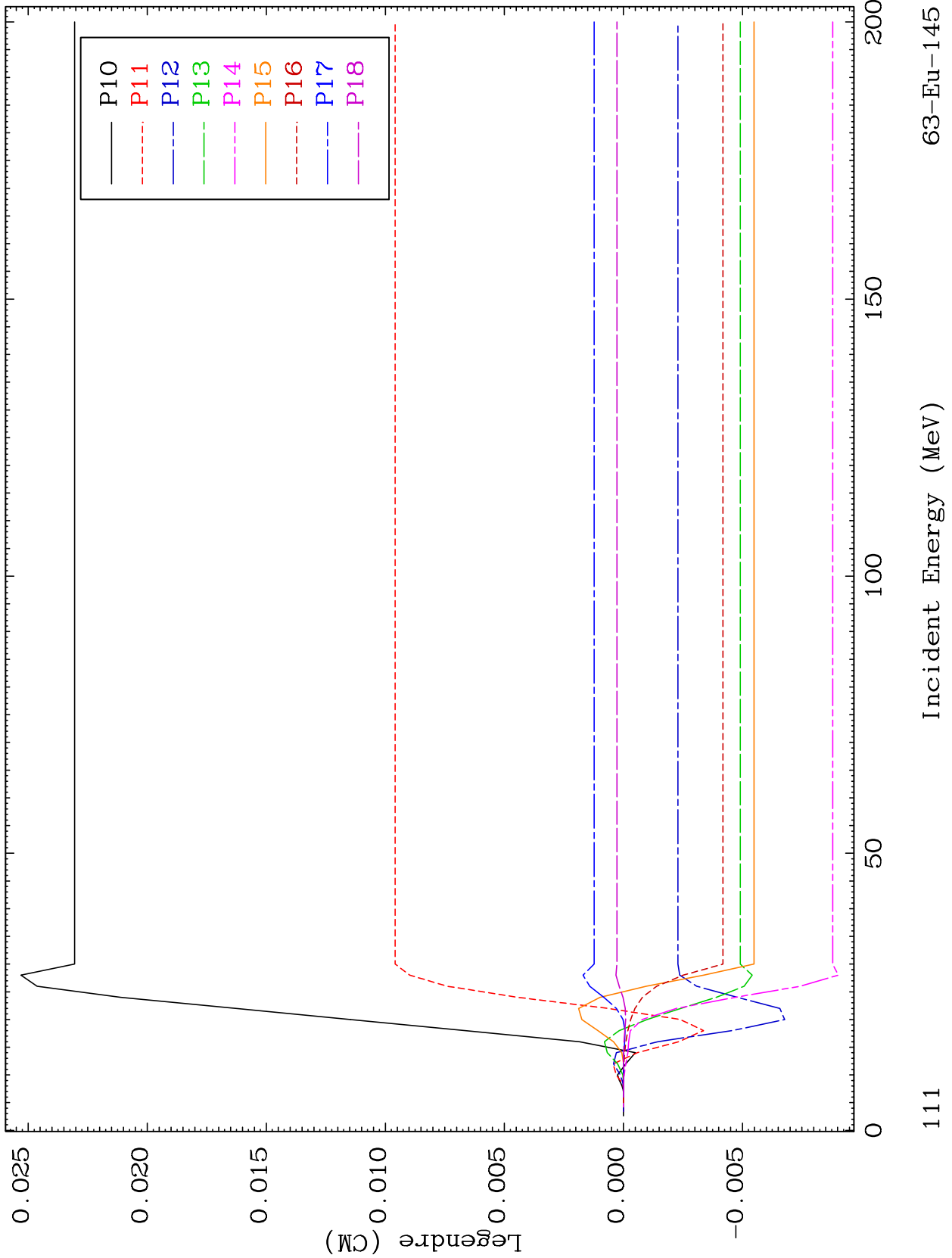
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



111

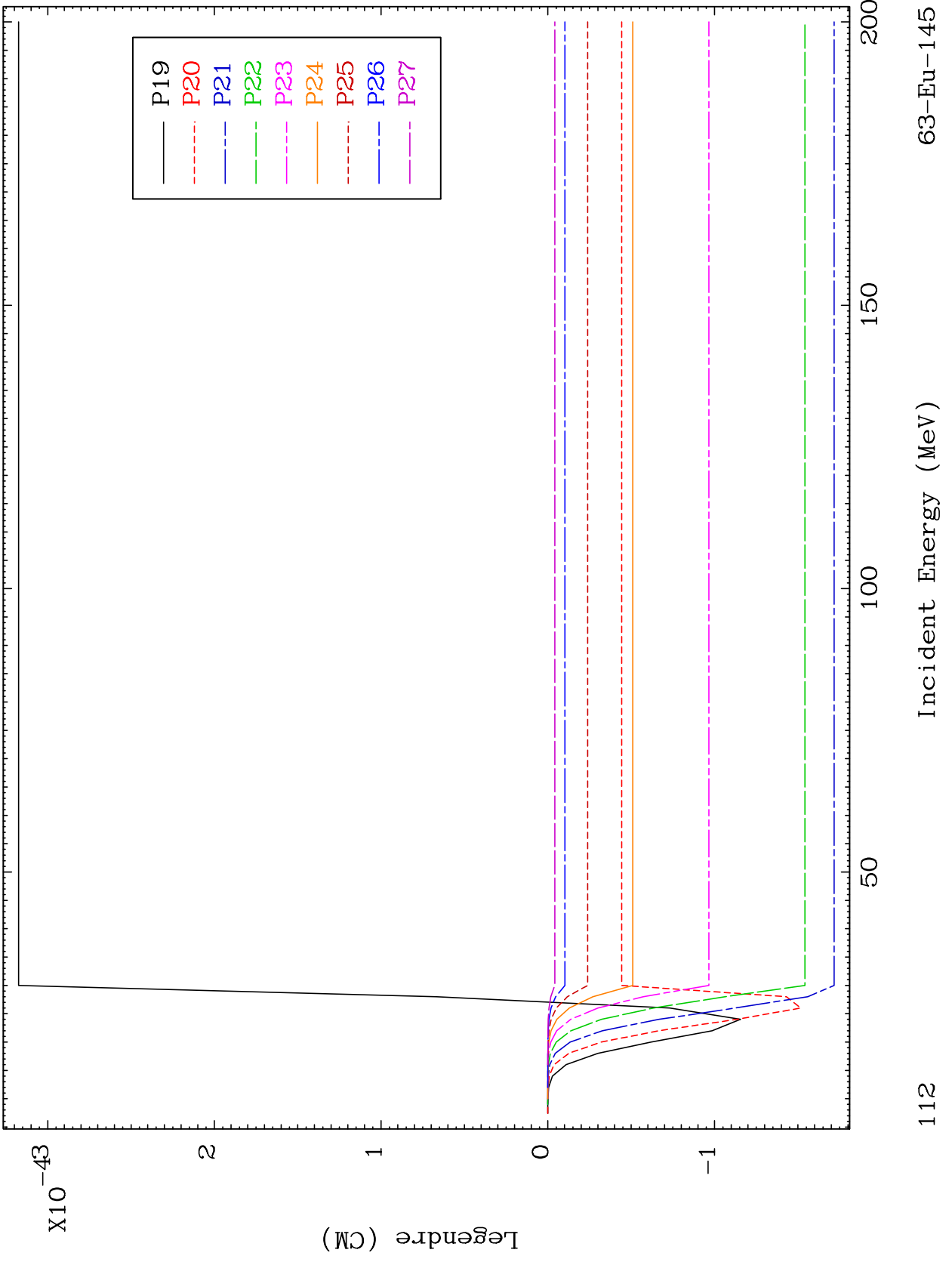
Incident Energy (MeV)

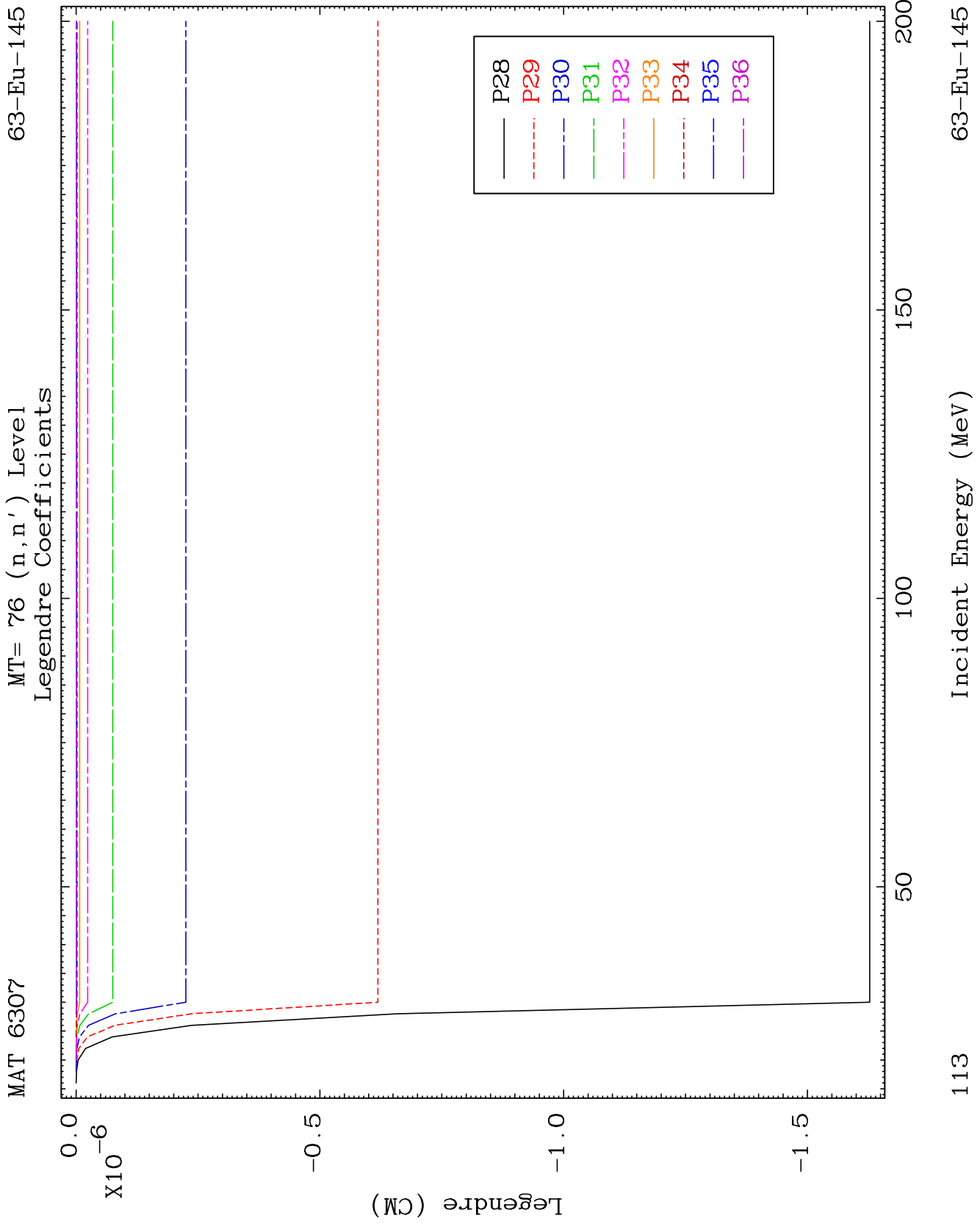
63-Eu-145

MAT 6307

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

63-Eu-145

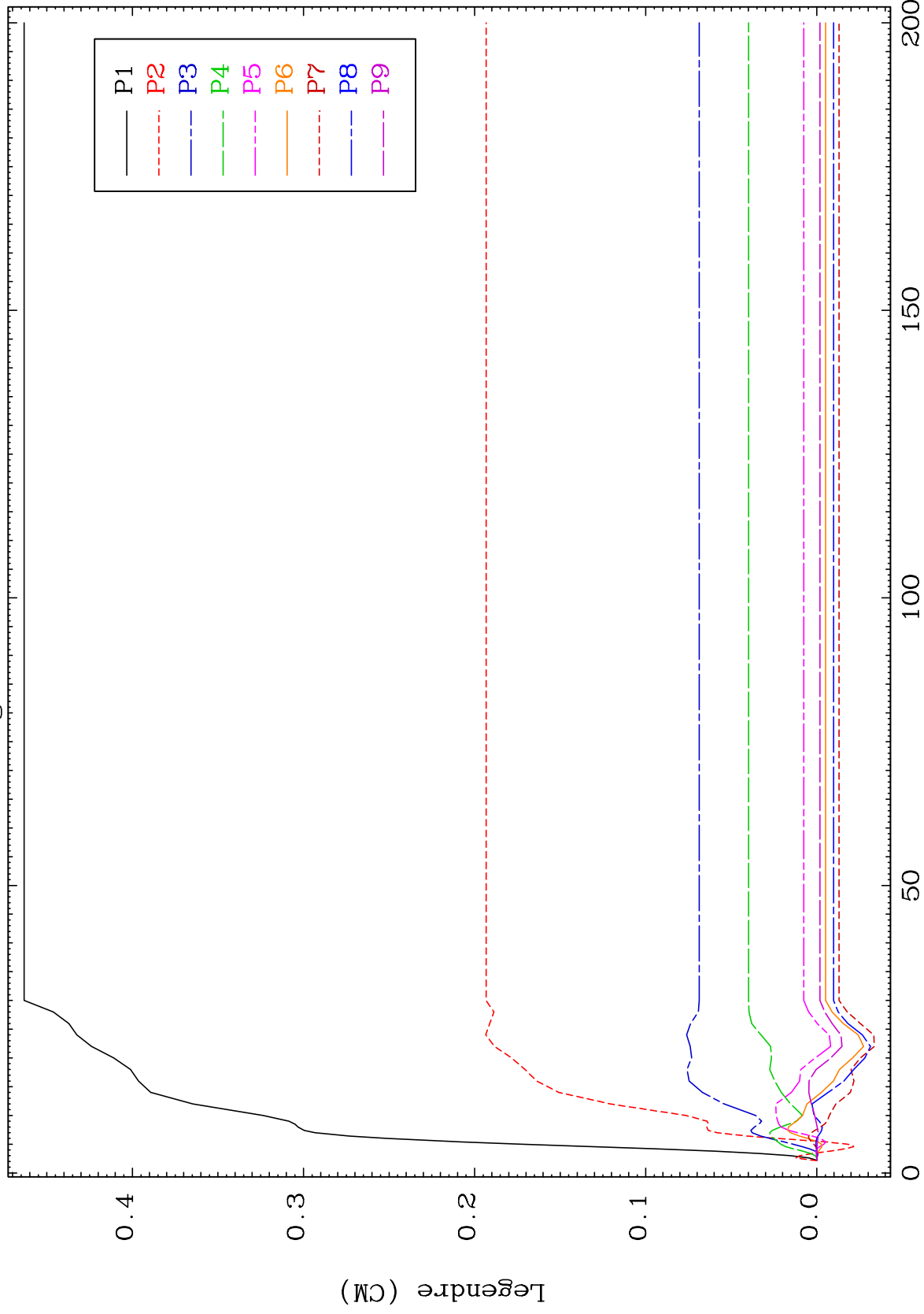




MAT 6307

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

63-Eu-145



114

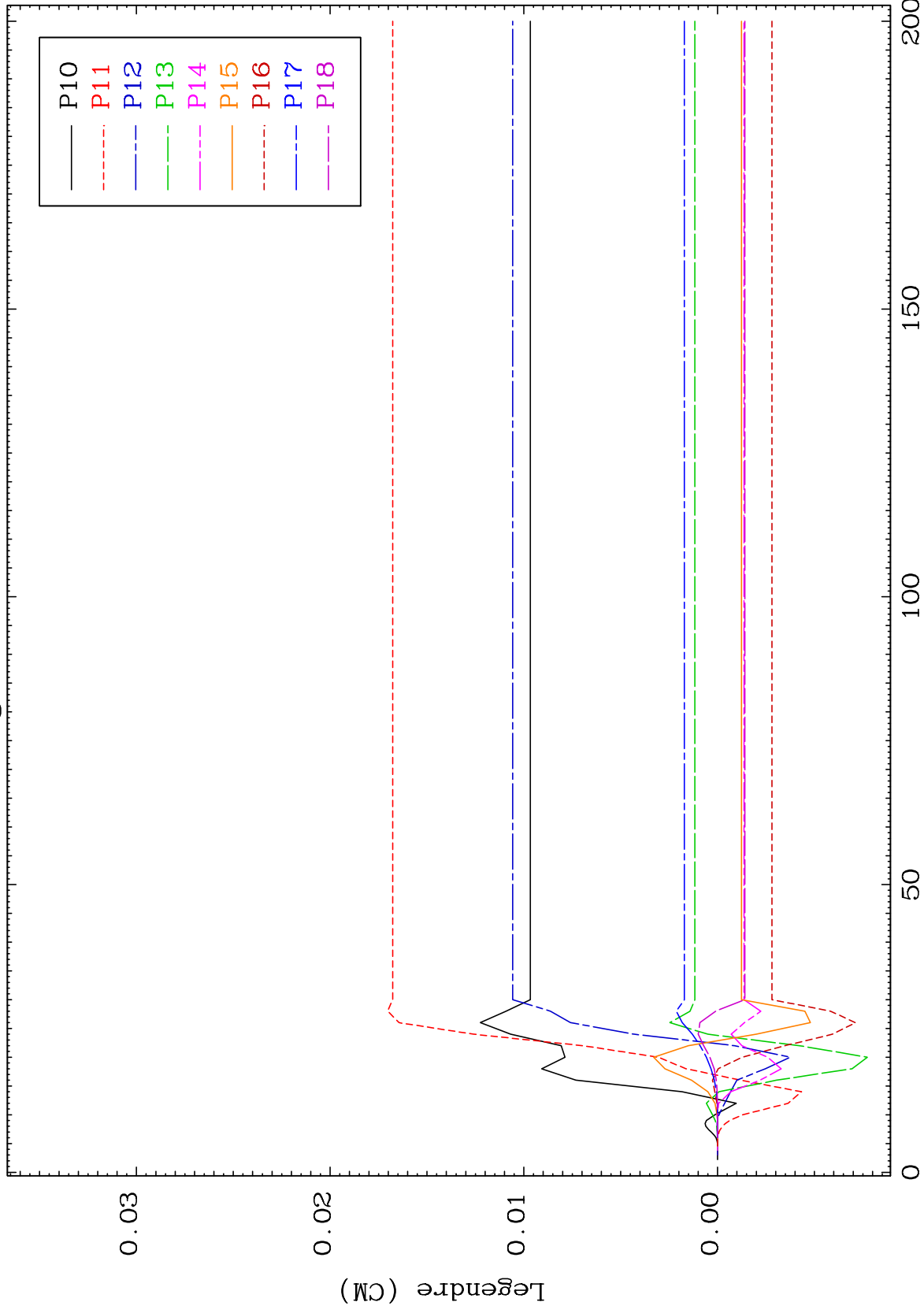
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

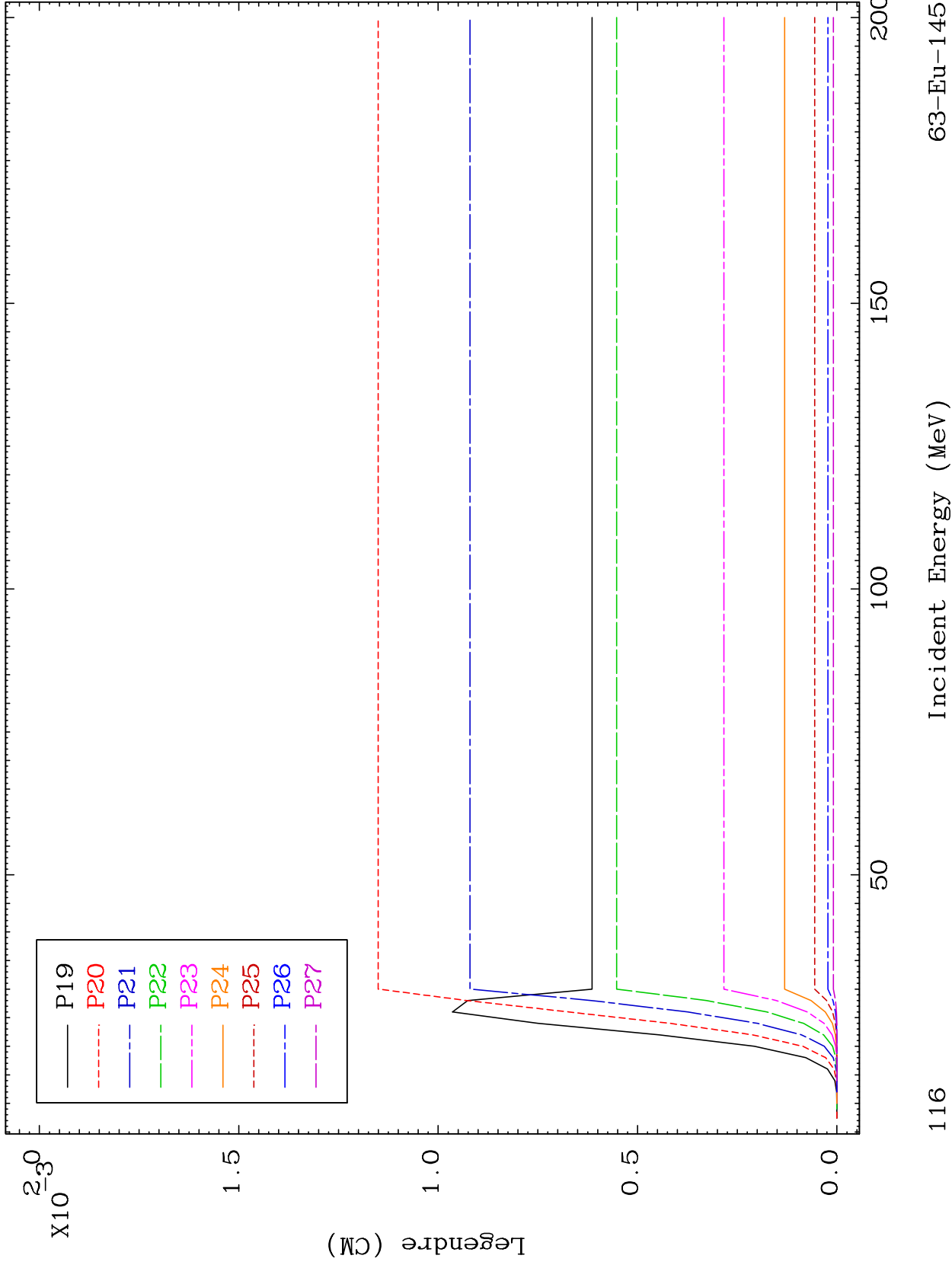
63-Eu-145



115

Incident Energy (MeV)

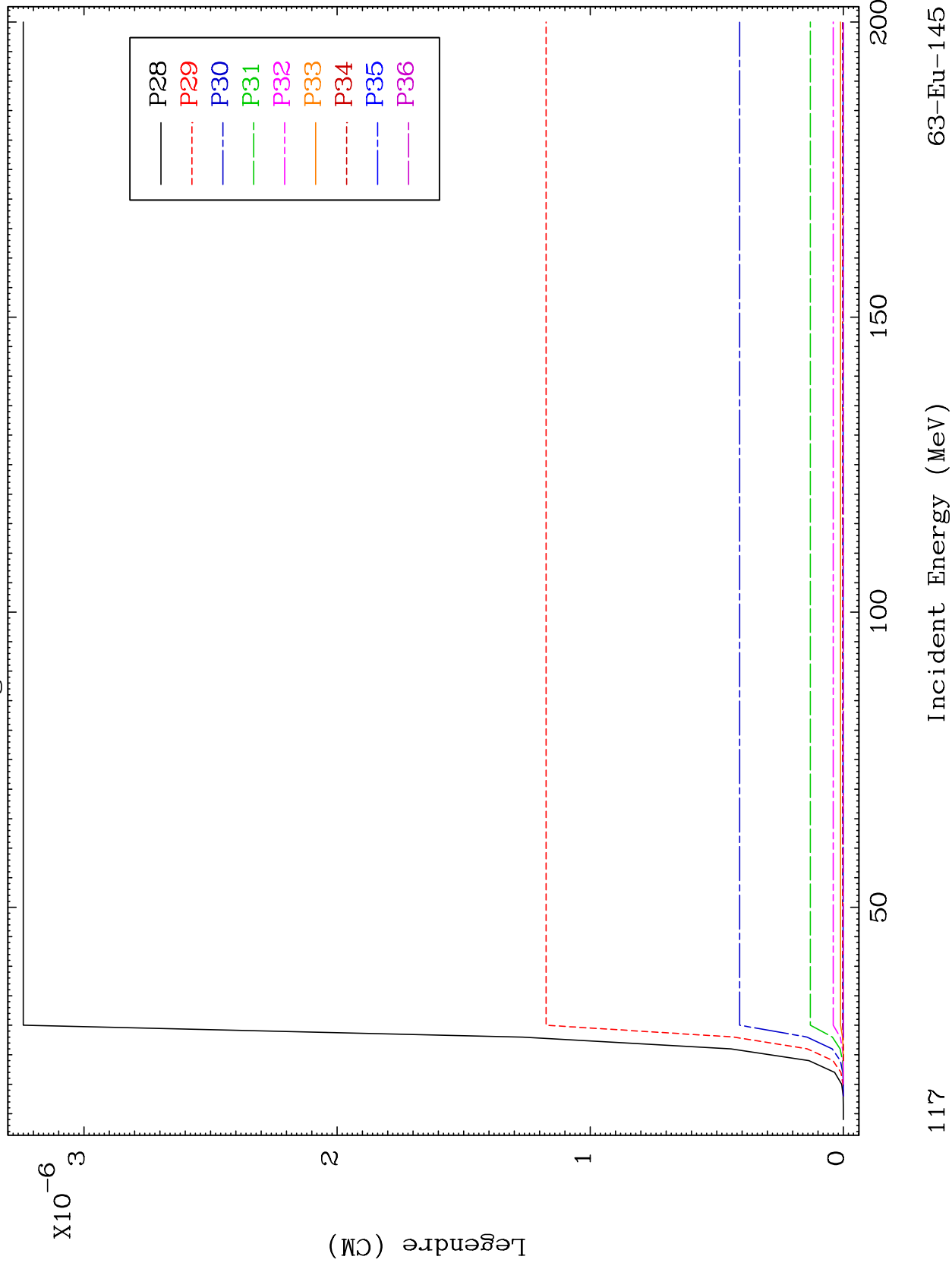
63-Eu-145



MAT 6307

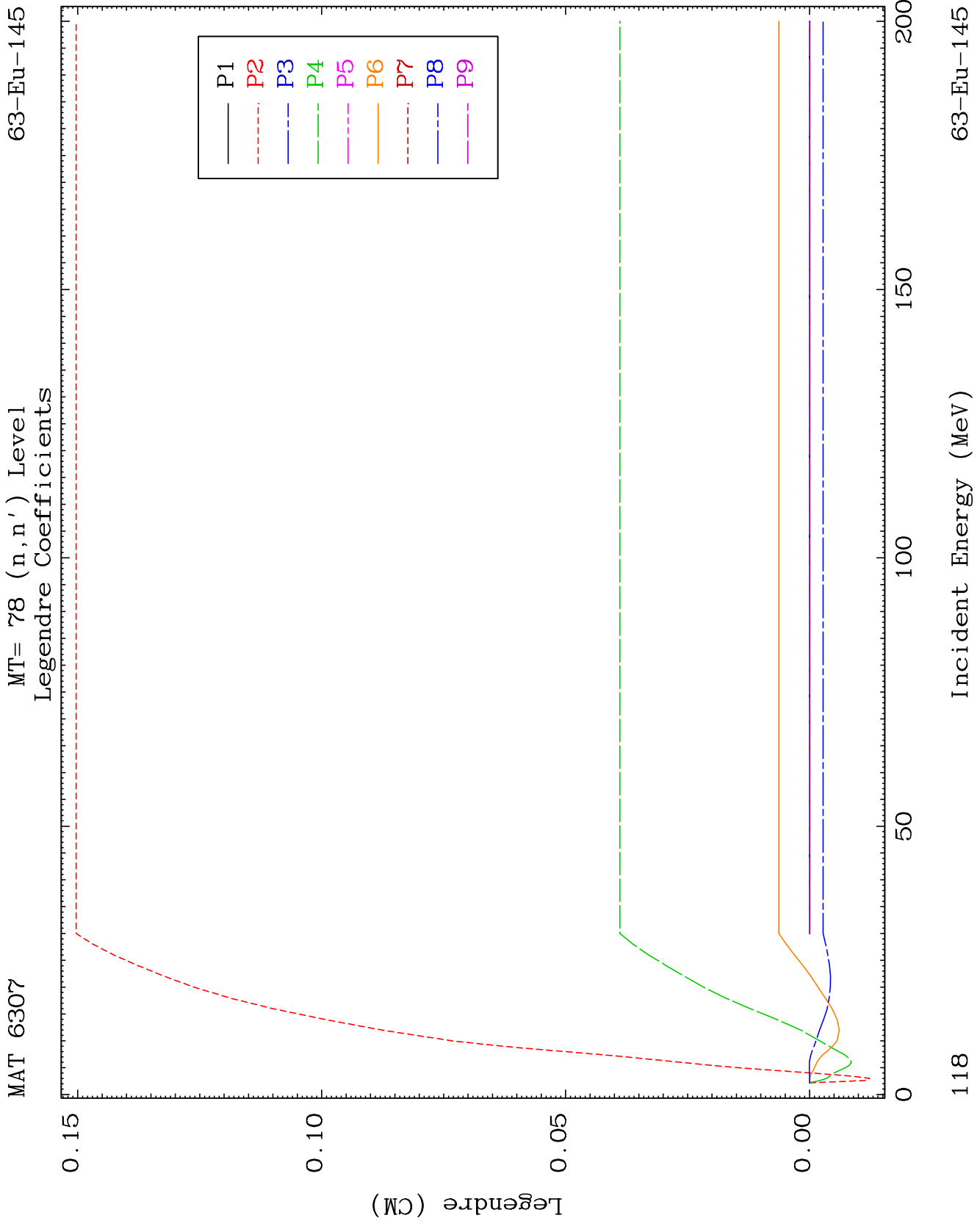
MT= 77 (n,n') Level
Legendre Coefficients

63-Eu-145



117

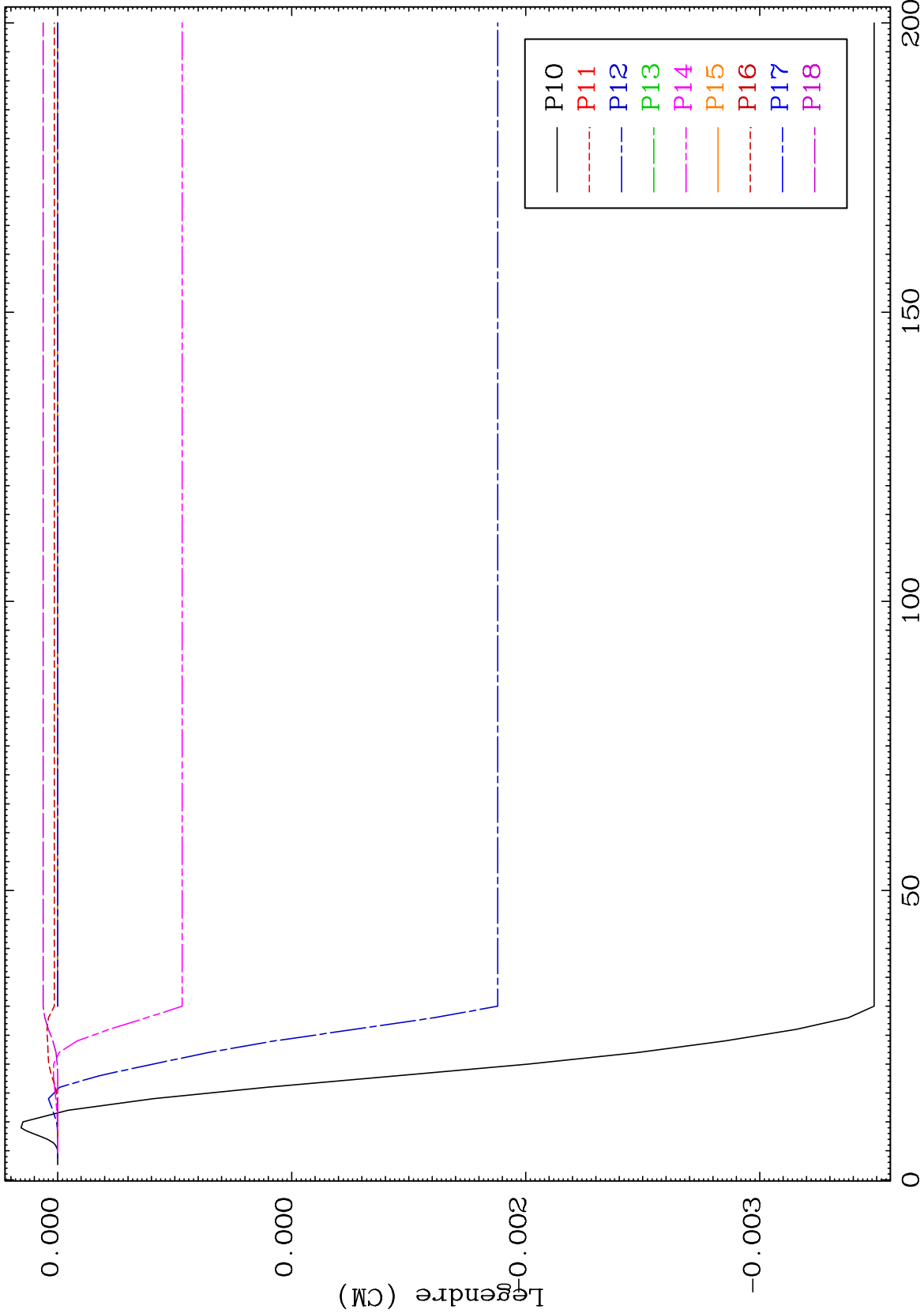
63-Eu-145



MAT 6307

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

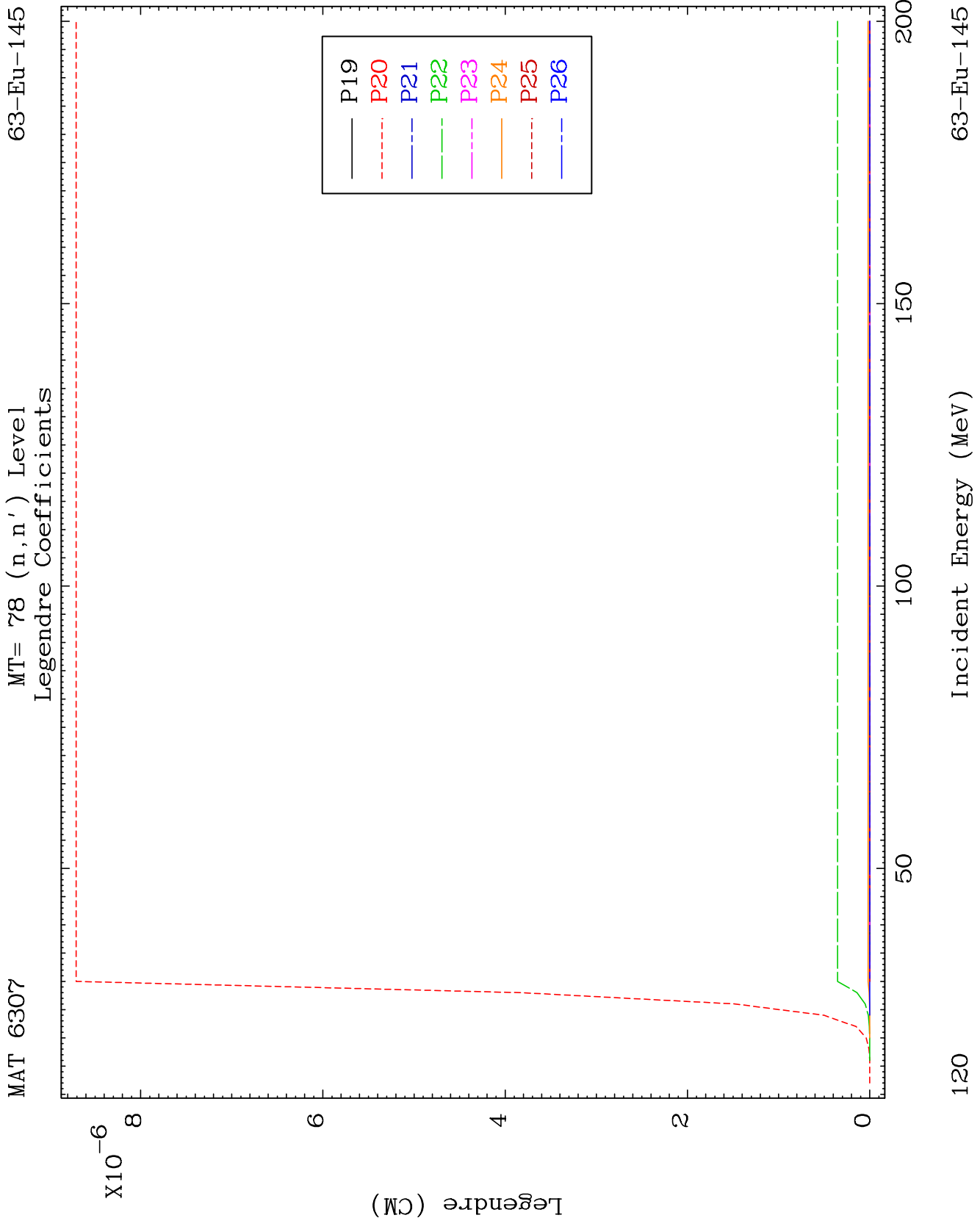
63-Eu-145



119

Incident Energy (MeV)

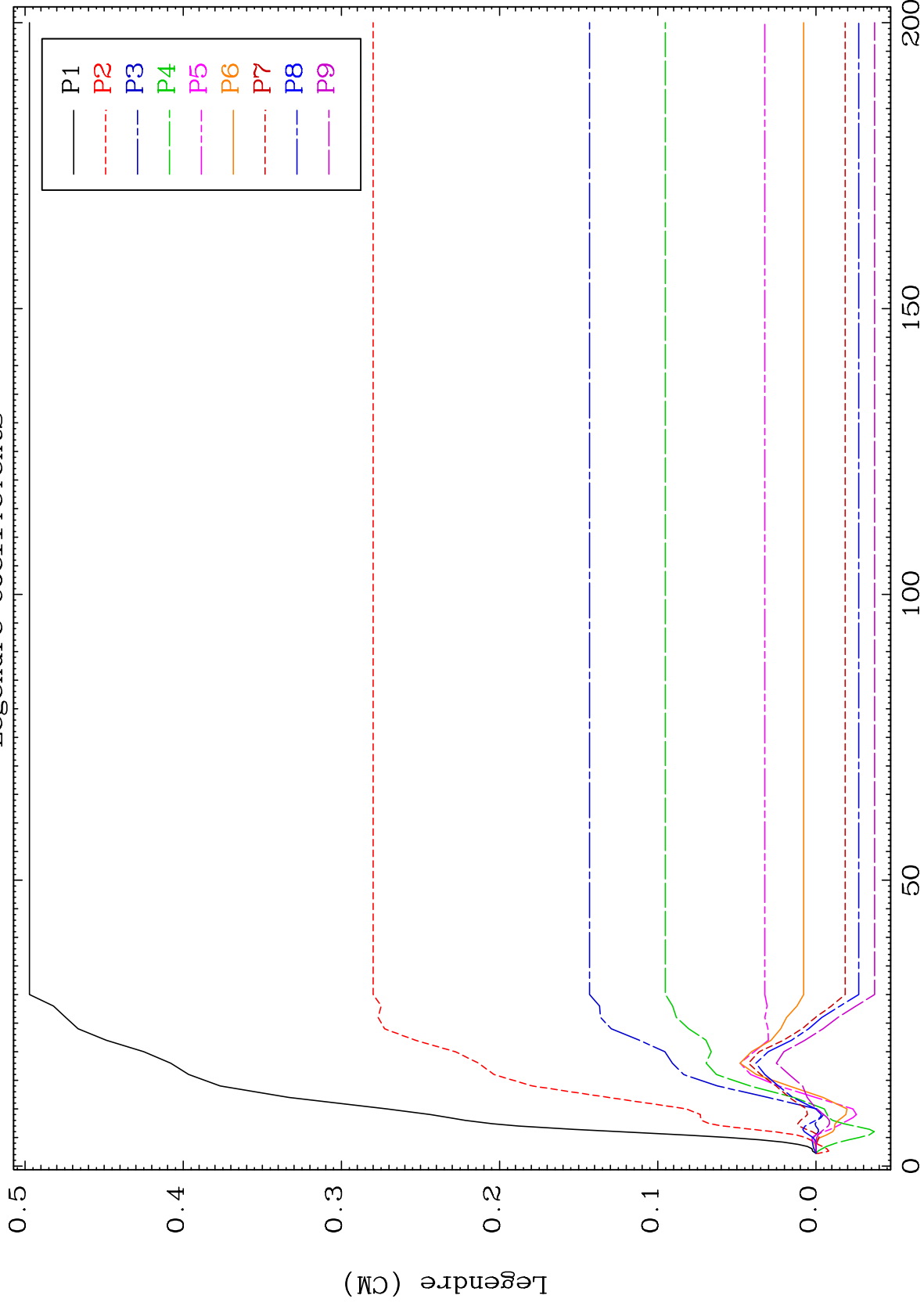
63-Eu-145



MAT 6307

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

63-Eu-145



63-Eu-145

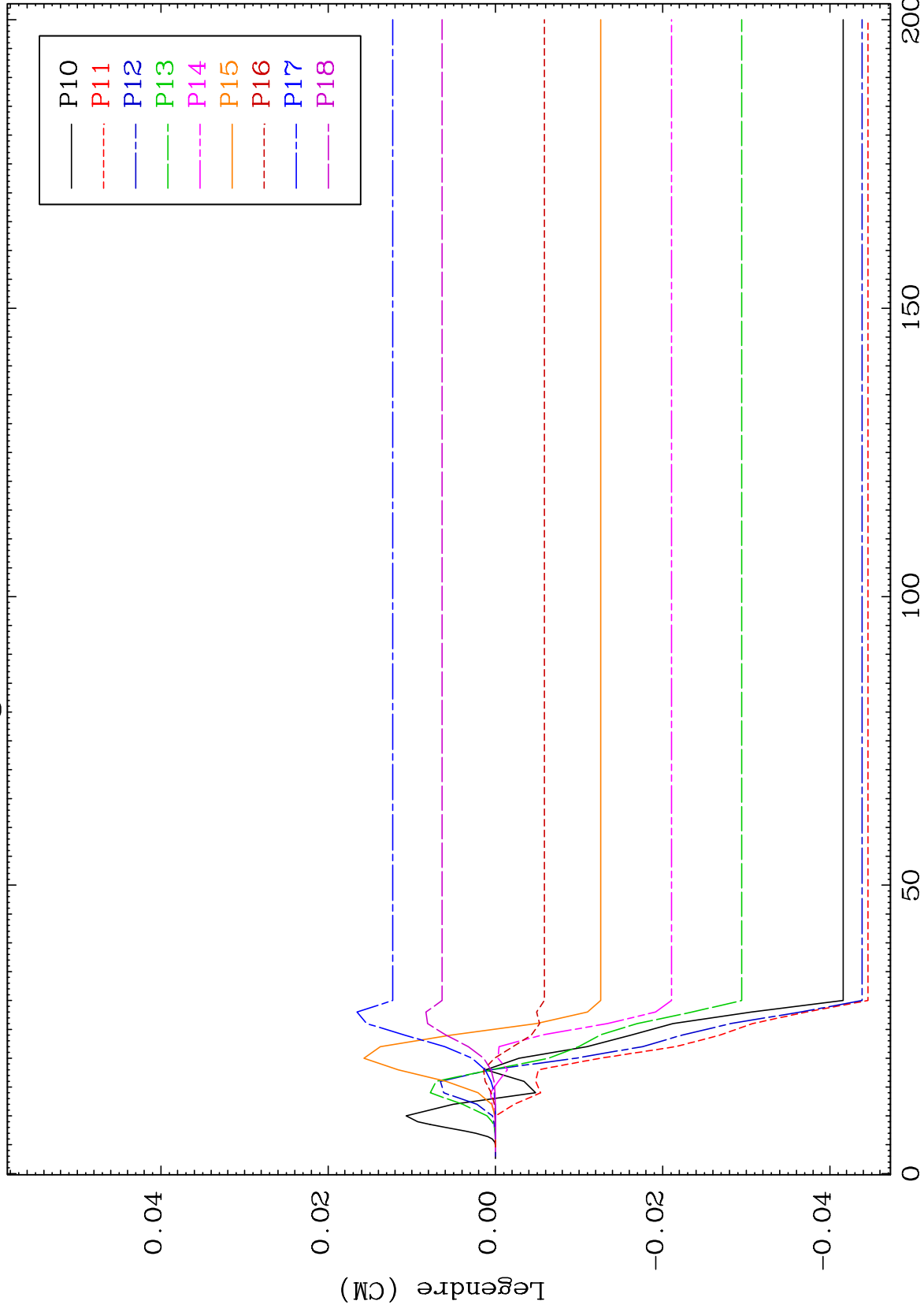
Incident Energy (MeV)

121

MAT 6307

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

63-Eu-145



122

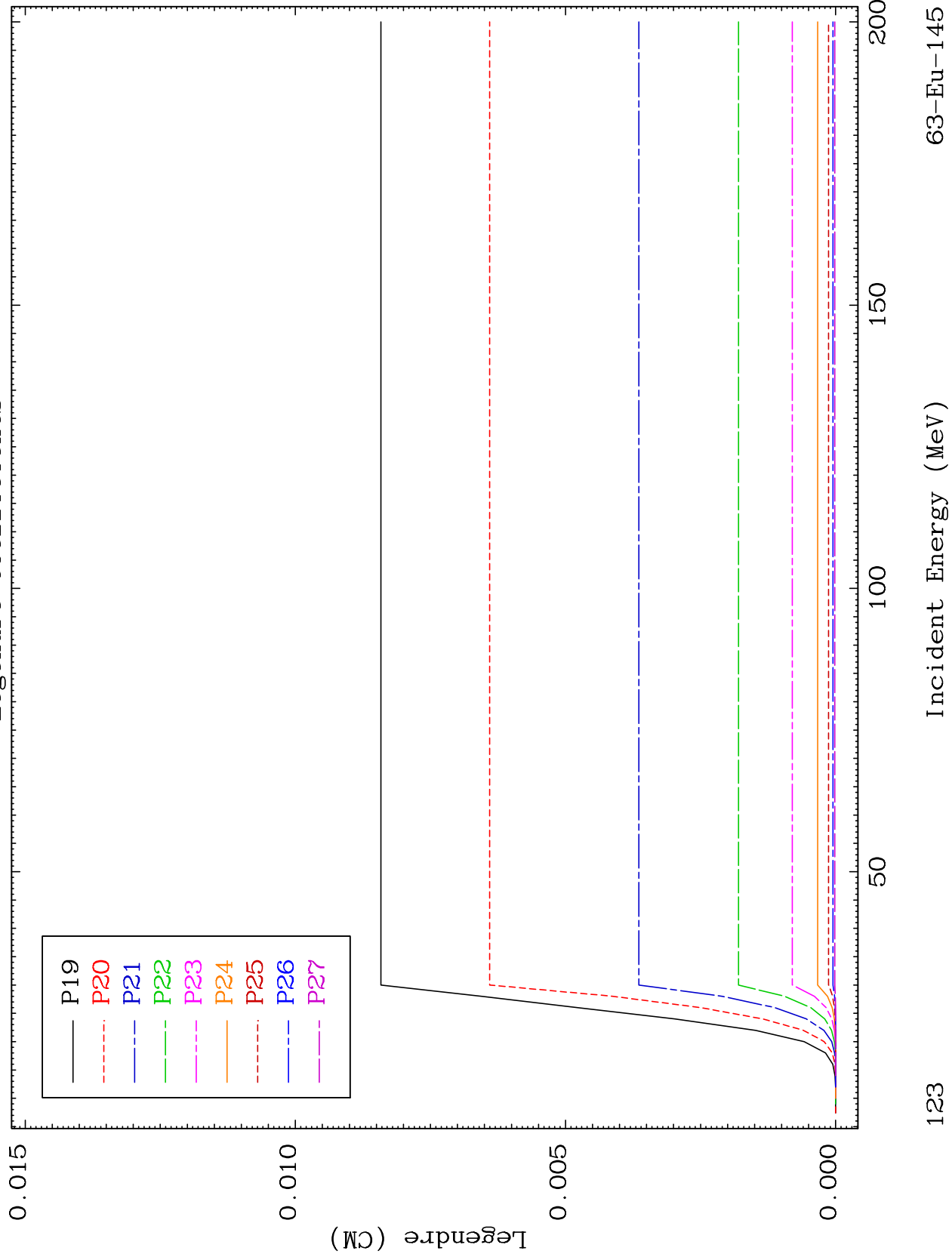
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



123

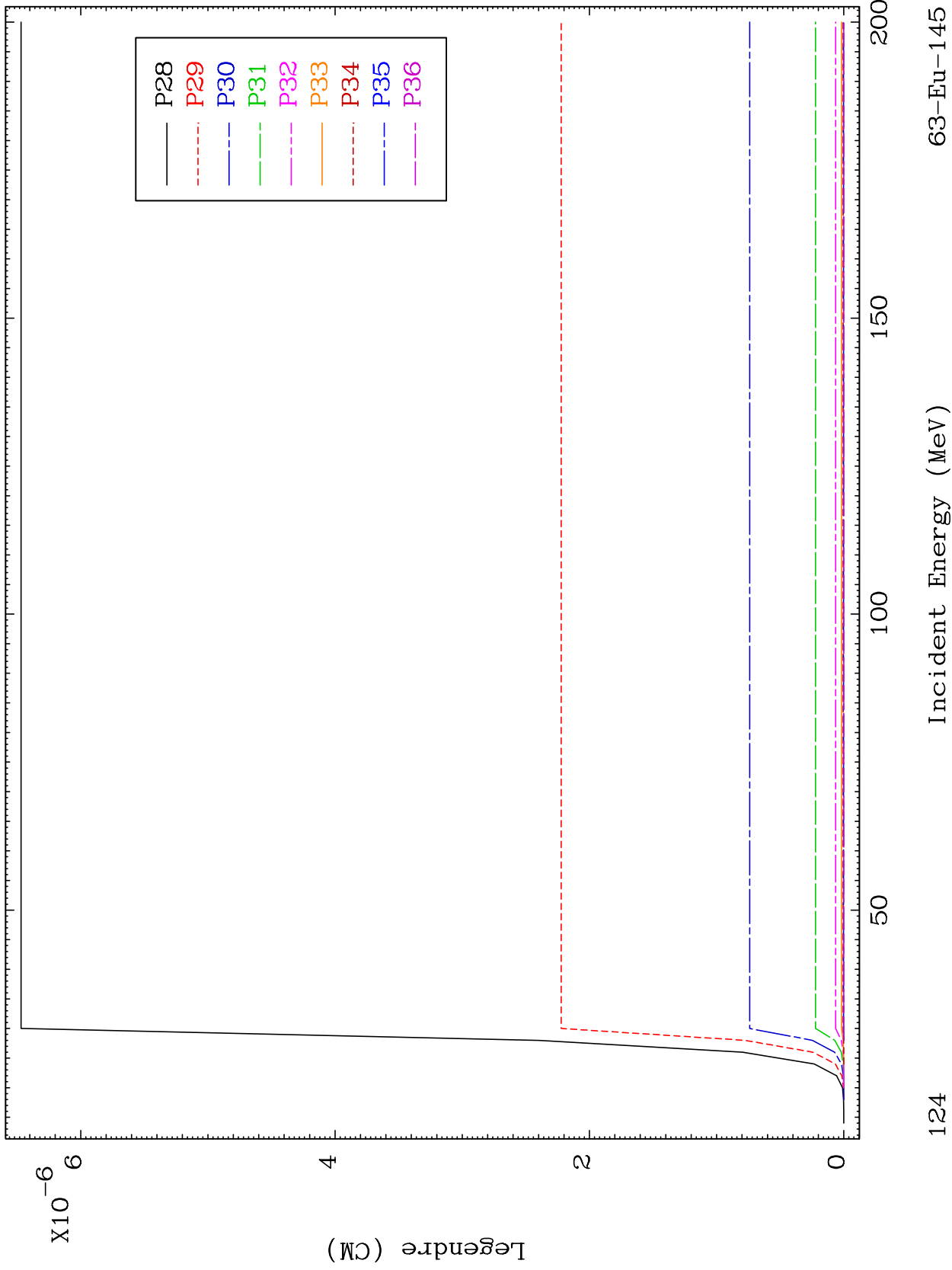
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



124

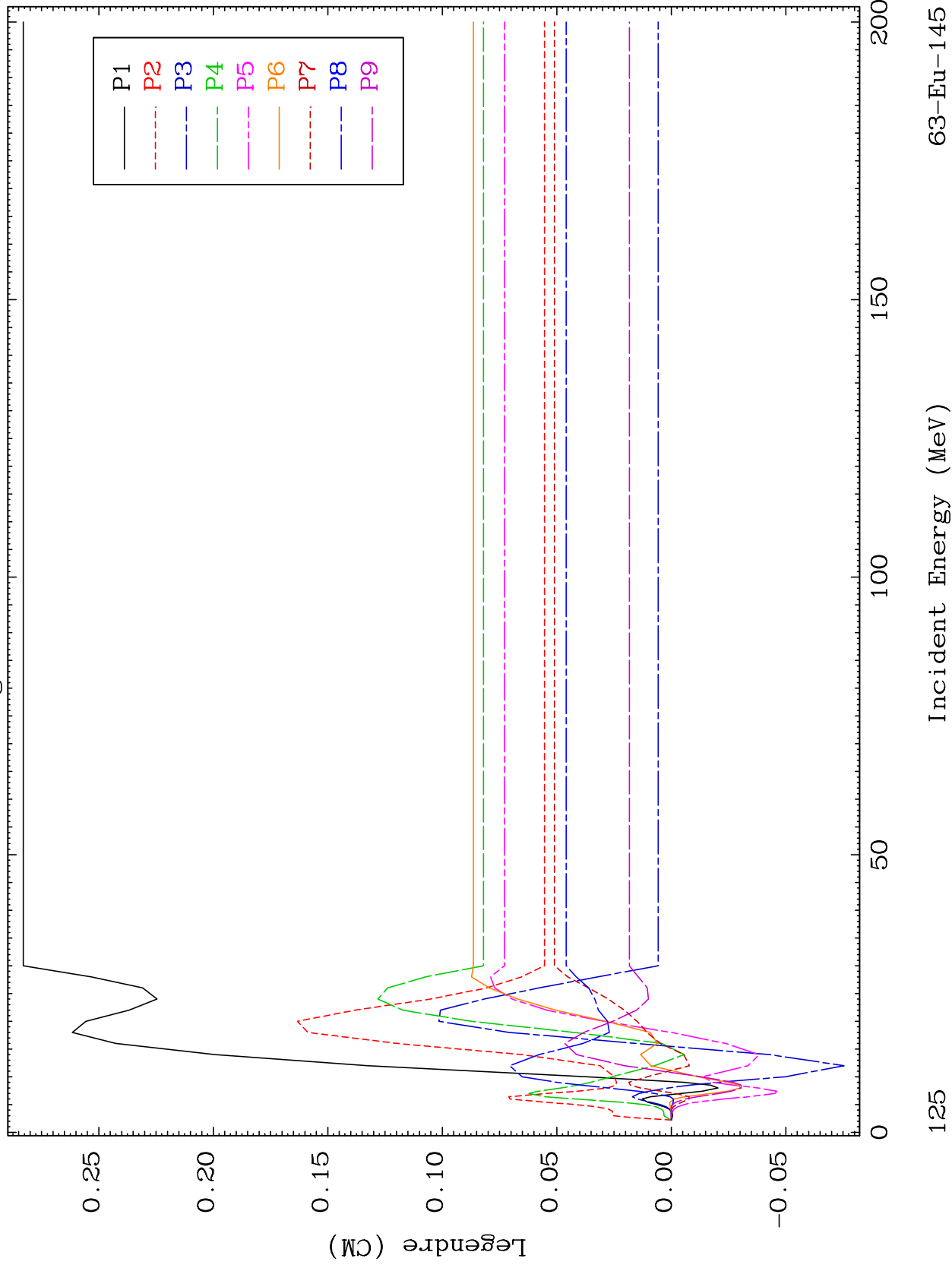
Incident Energy (MeV)

63-Eu-145

MAT 6307

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

63-Eu-145



63-Eu-145

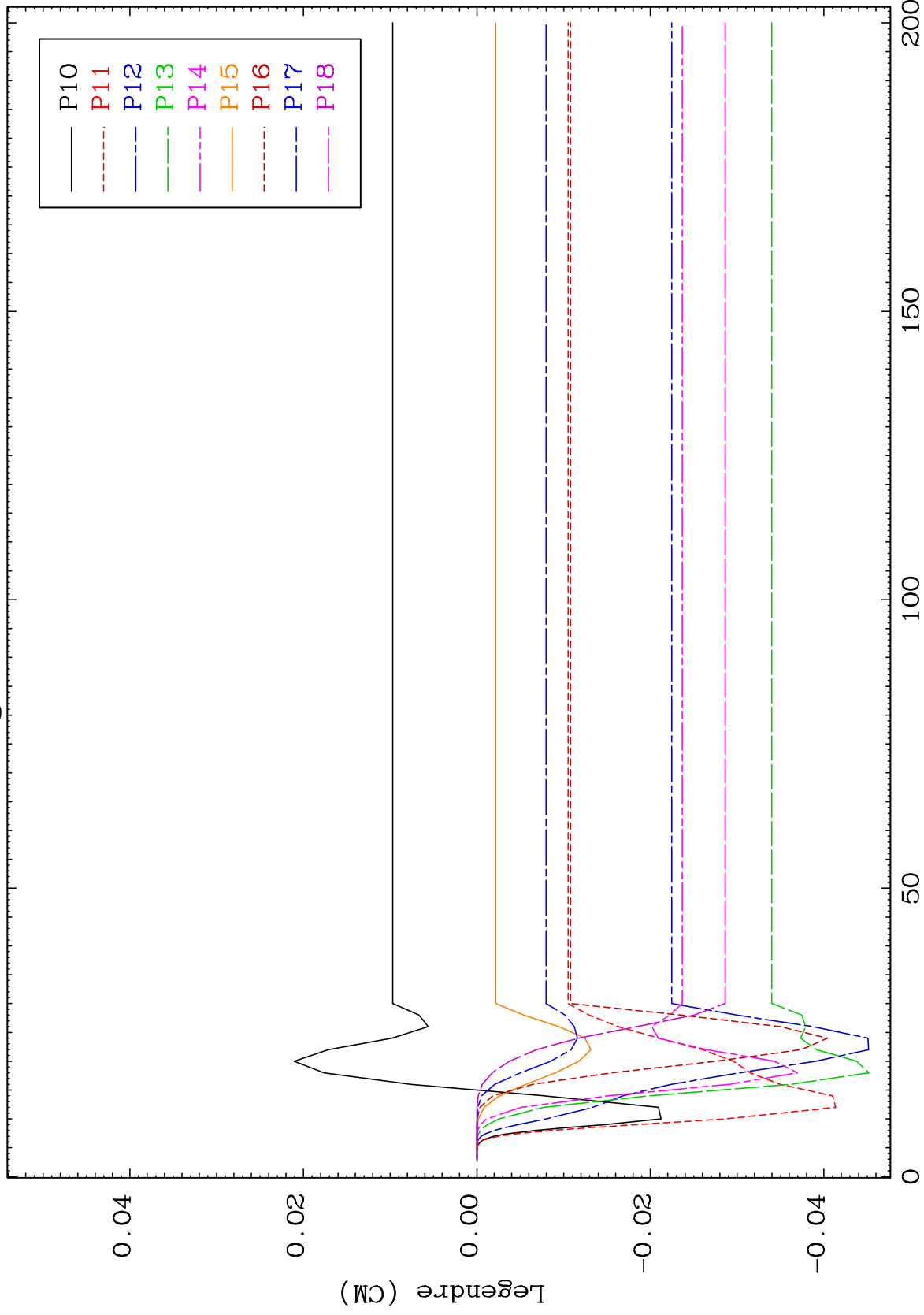
Incident Energy (MeV)

125

MAT 6307

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

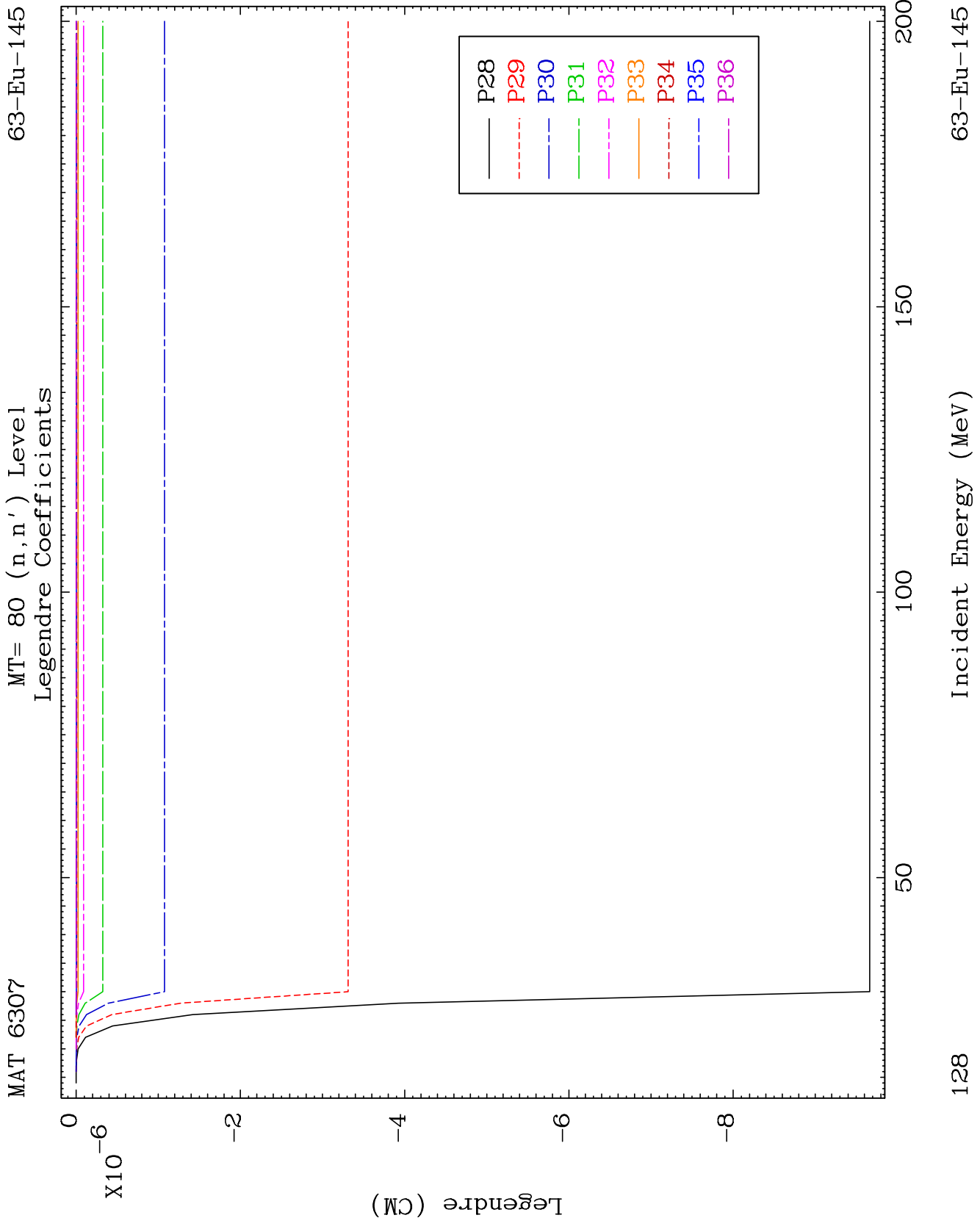
63-Eu-145



126

Incident Energy (MeV)

63-Eu-145

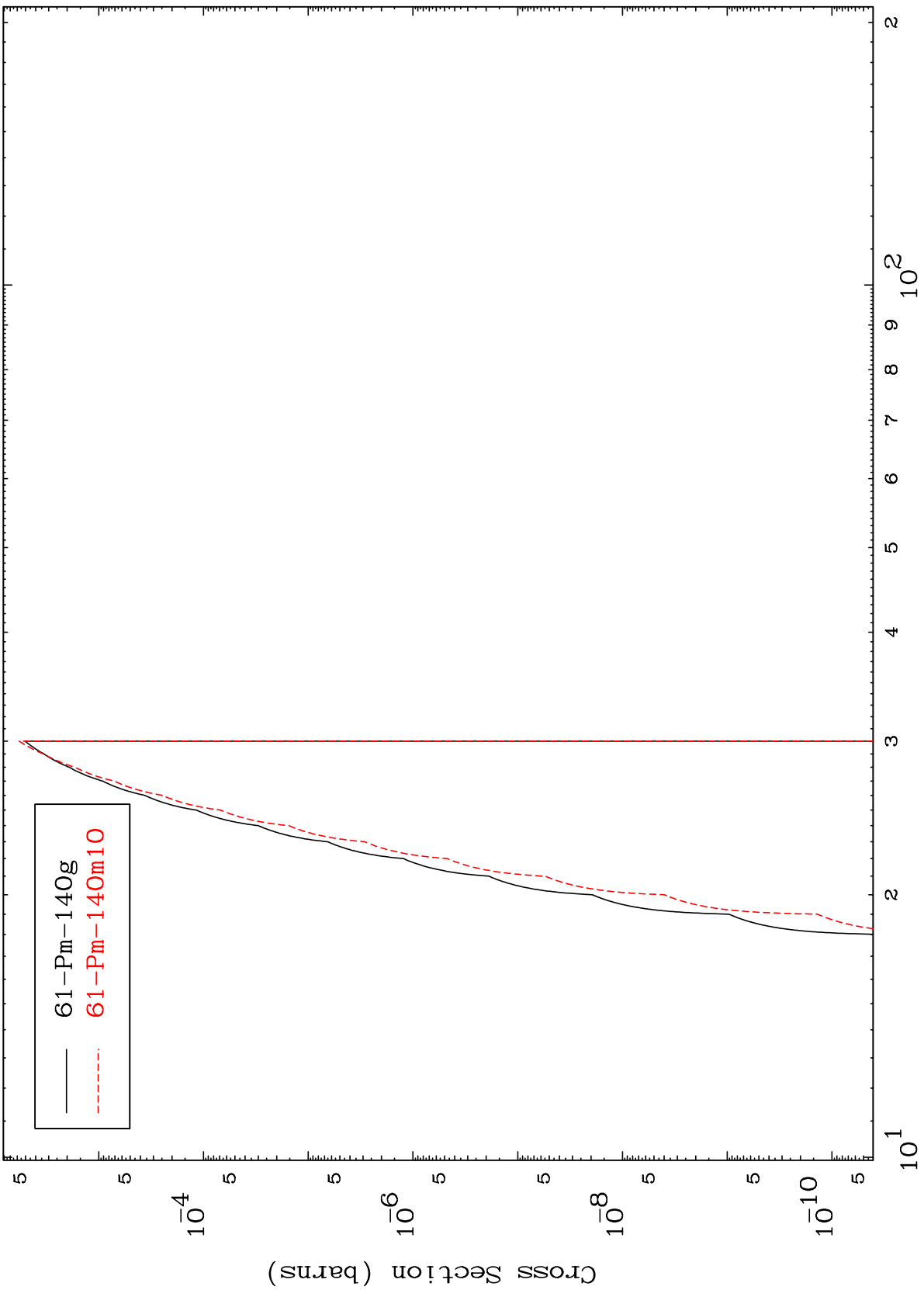


MAT 6307

(n,2n) α

63-Eu-145

Radionuclide Production Cross Section



61-Pm-140g
61-Pm-140m10

129

Incident Energy (MeV)

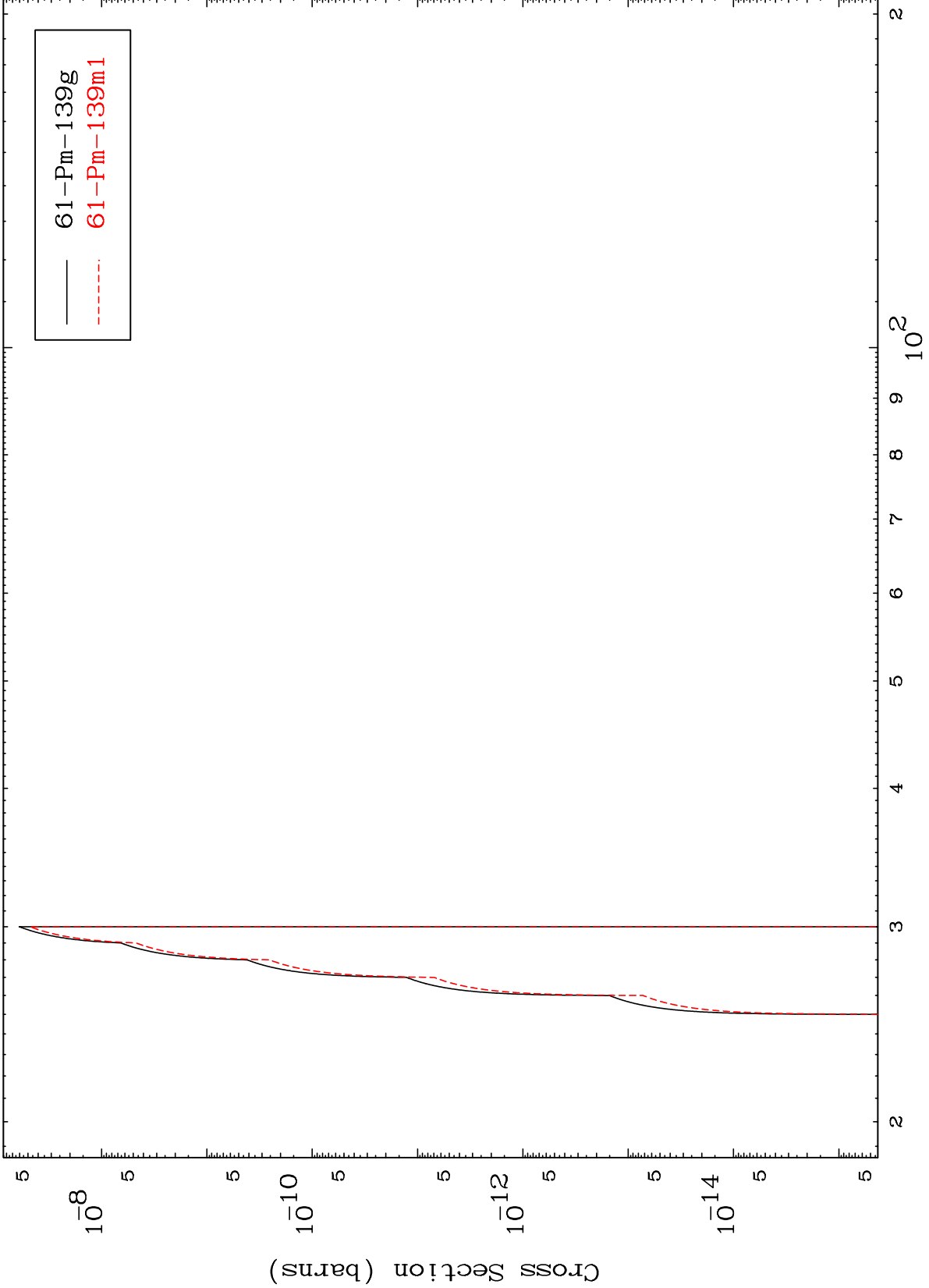
63-Eu-145

MAT 6307

$(n,3n) \alpha$

63-Eu-145

Radionuclide Production Cross Section



130

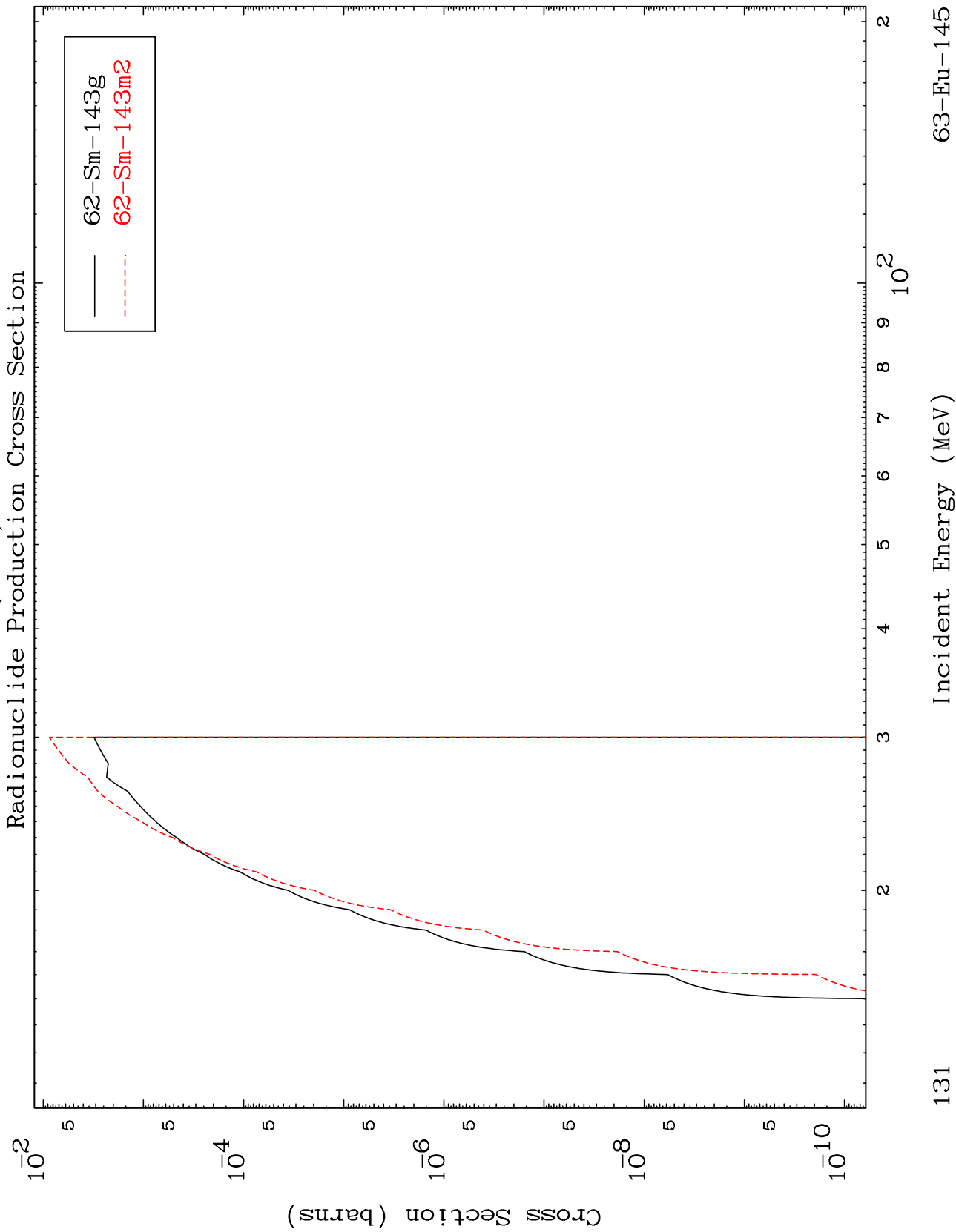
Incident Energy (MeV)

63-Eu-145

MAT 6307

(n,n') d

63-Eu-145



131

Incident Energy (MeV)

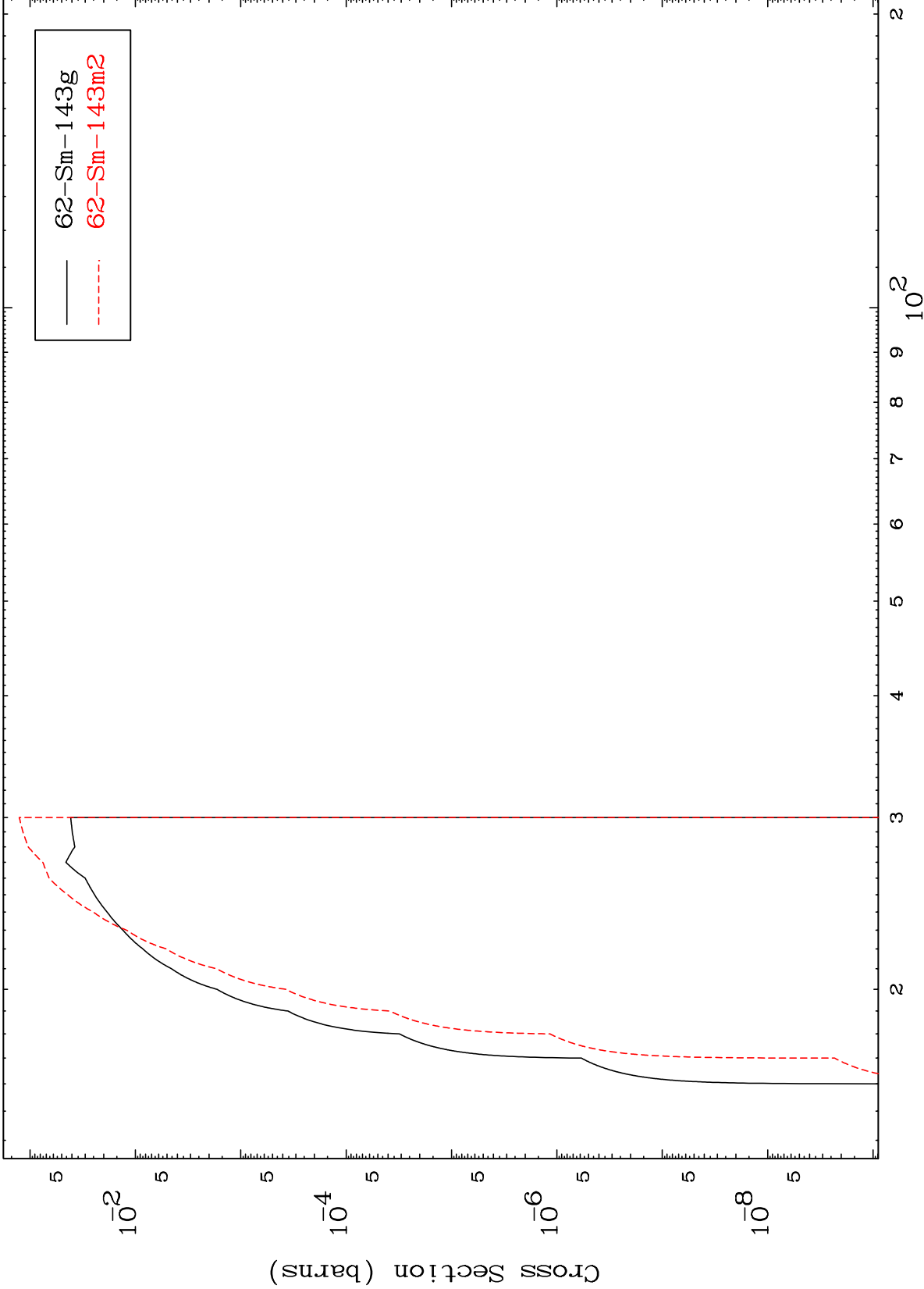
63-Eu-145

MAT 6307

(n,2n) p

63-Eu-145

Radionuclide Production Cross Section



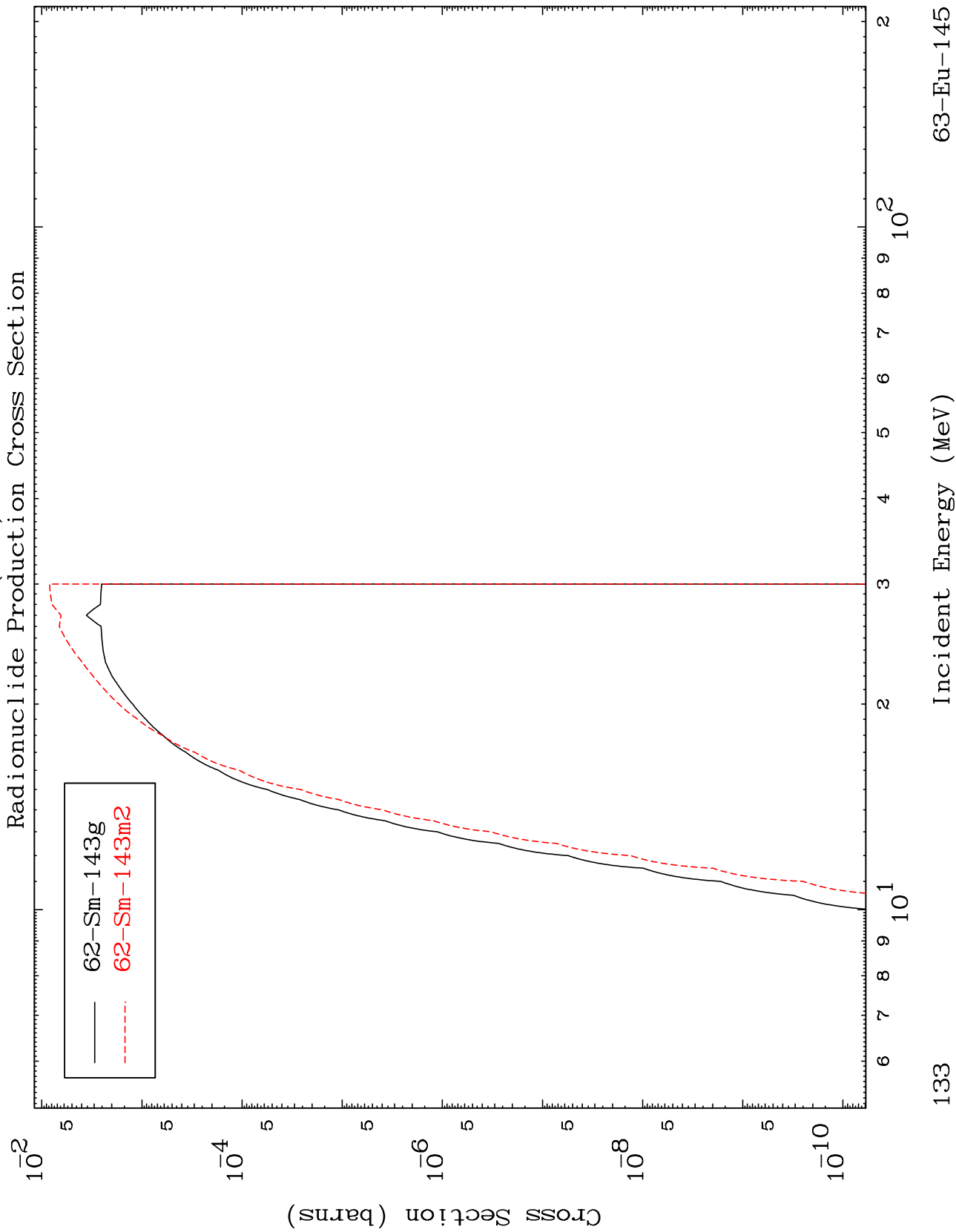
132

Incident Energy (MeV)

63-Eu-145

MAT 6307

63-Eu-145



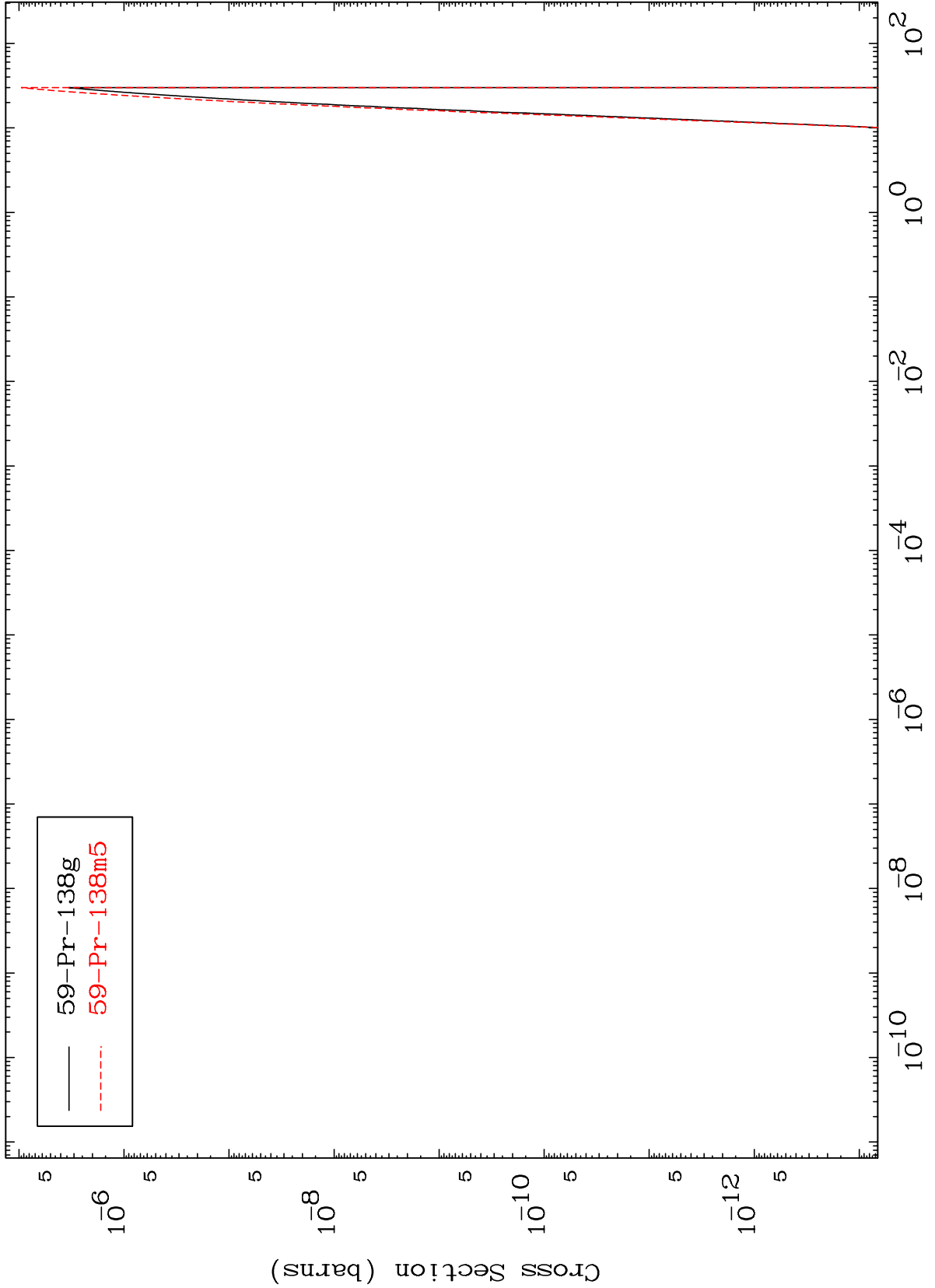
133

MAT 6307

(n,2α)

63-Eu-145

Radionuclide Production Cross Section

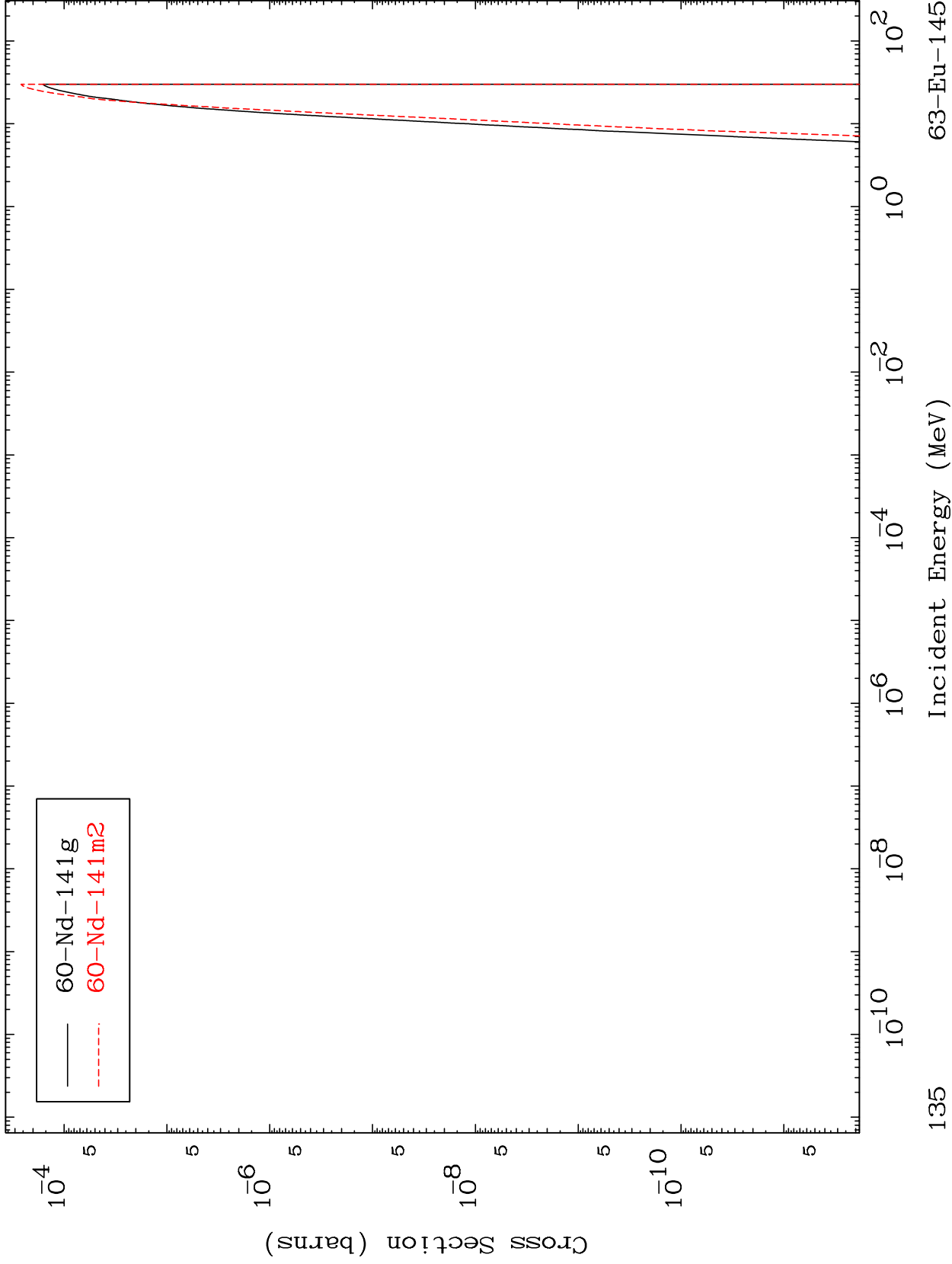


MAT 6307

(n,p) α

$^{63}\text{Eu}-145$

Radionuclide Production Cross Section



135

Incident Energy (MeV)

$^{63}\text{Eu}-145$