

Program EVALPLOT
(Version 2021-1)

by

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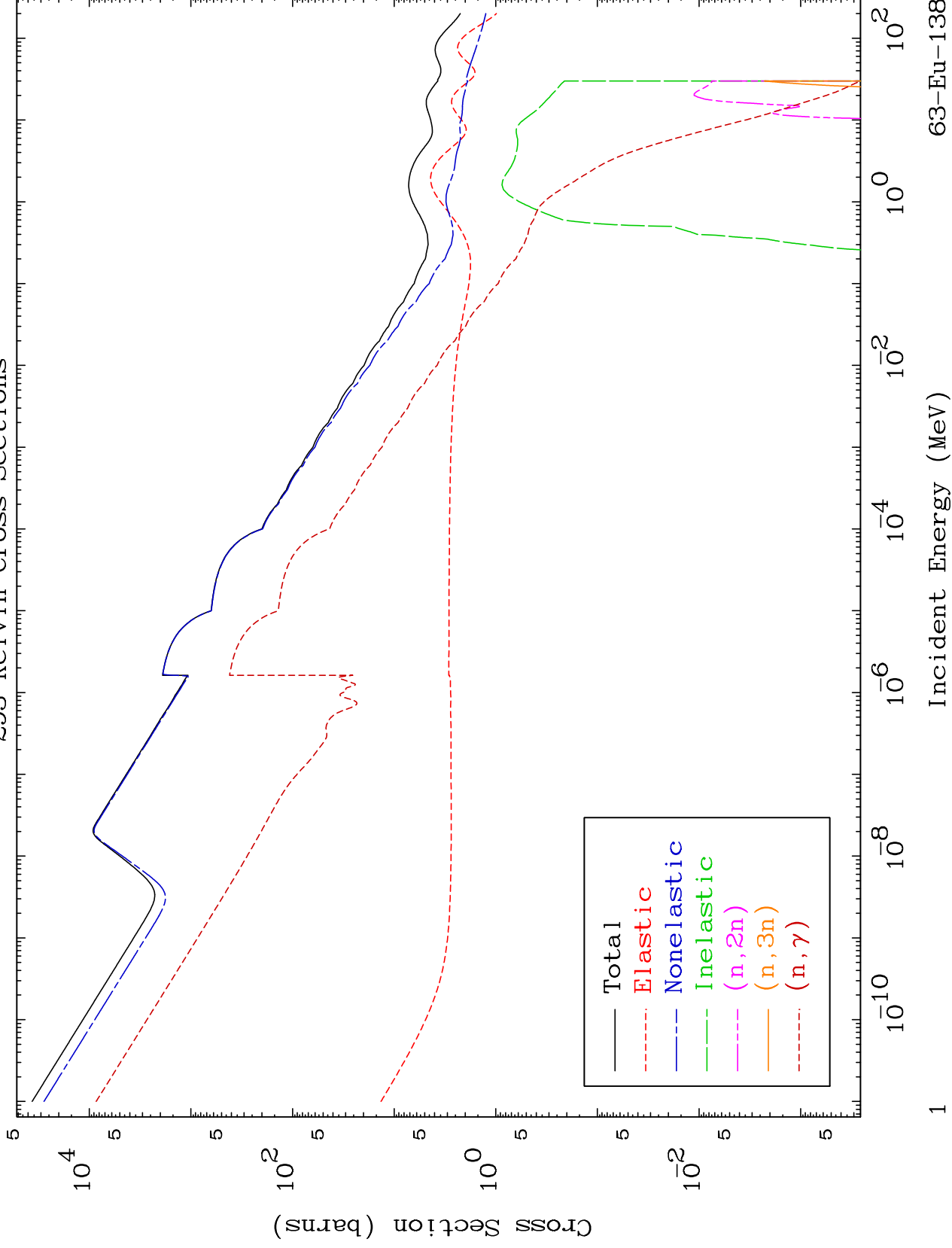
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Press Mouse Button to Start

MAT 6286

Neutron Major
293 Kelvin Cross Sections

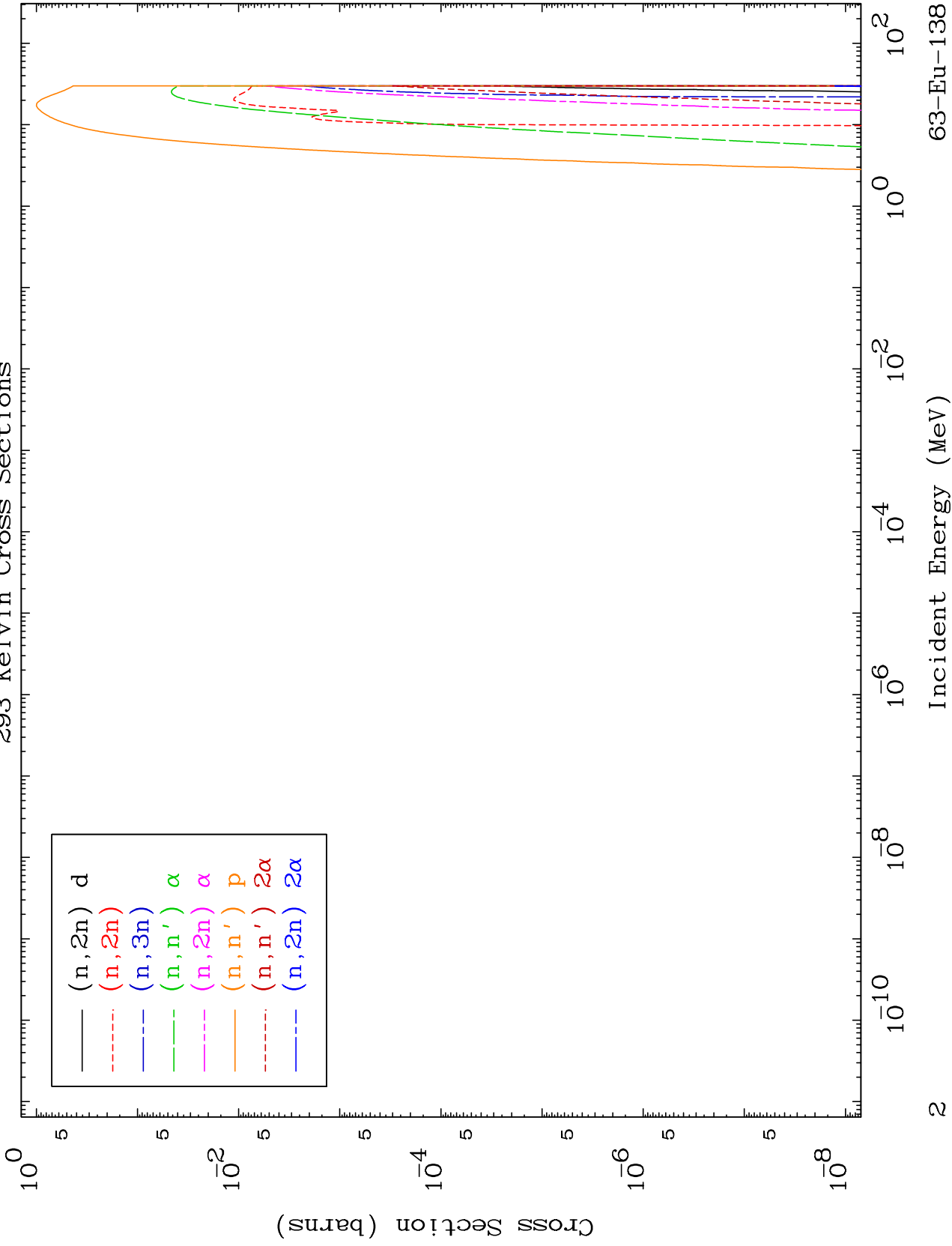
63-Eu-138

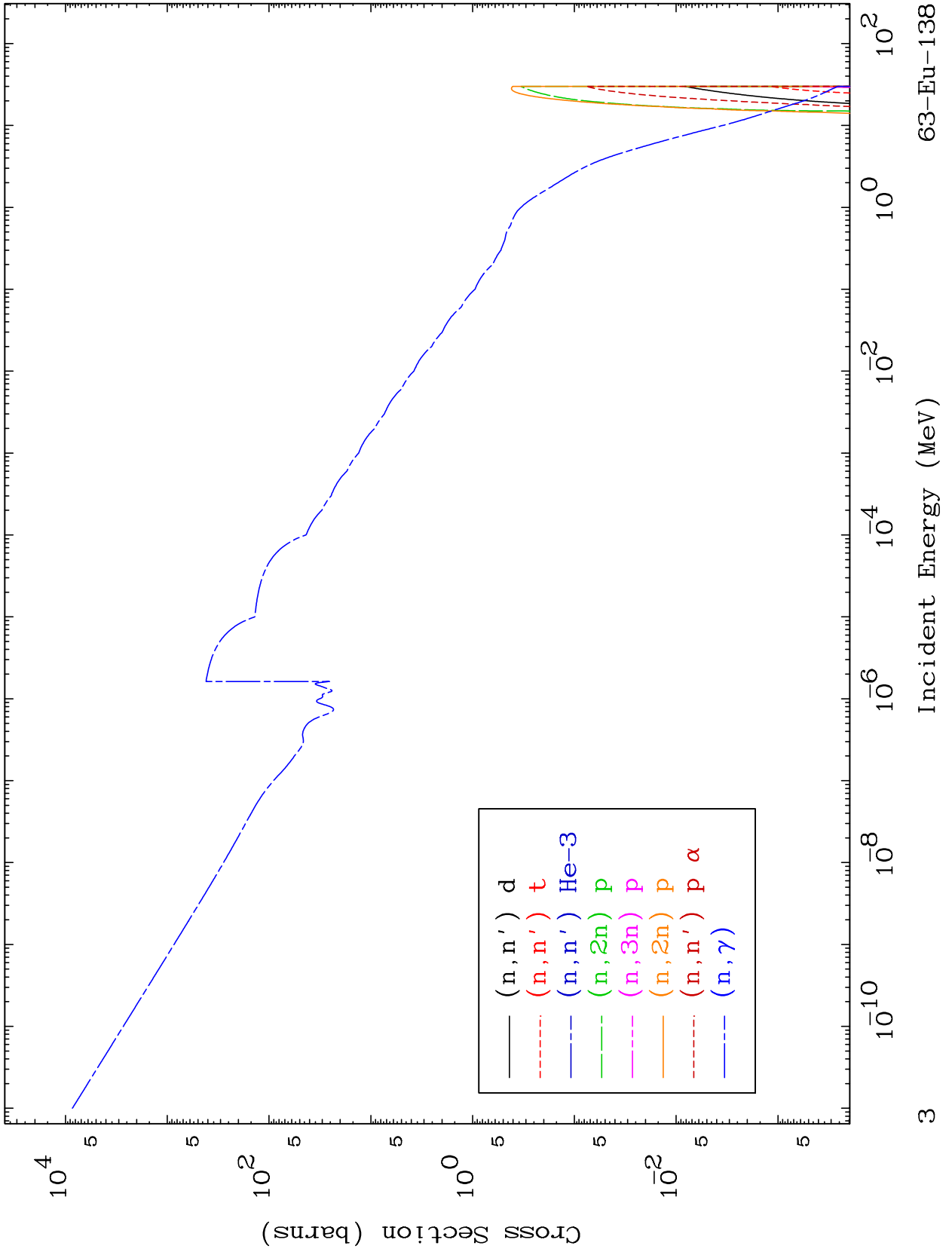


MAT 6286

Neutron Absorption
293 Kelvin Cross Sections

63-Eu-138

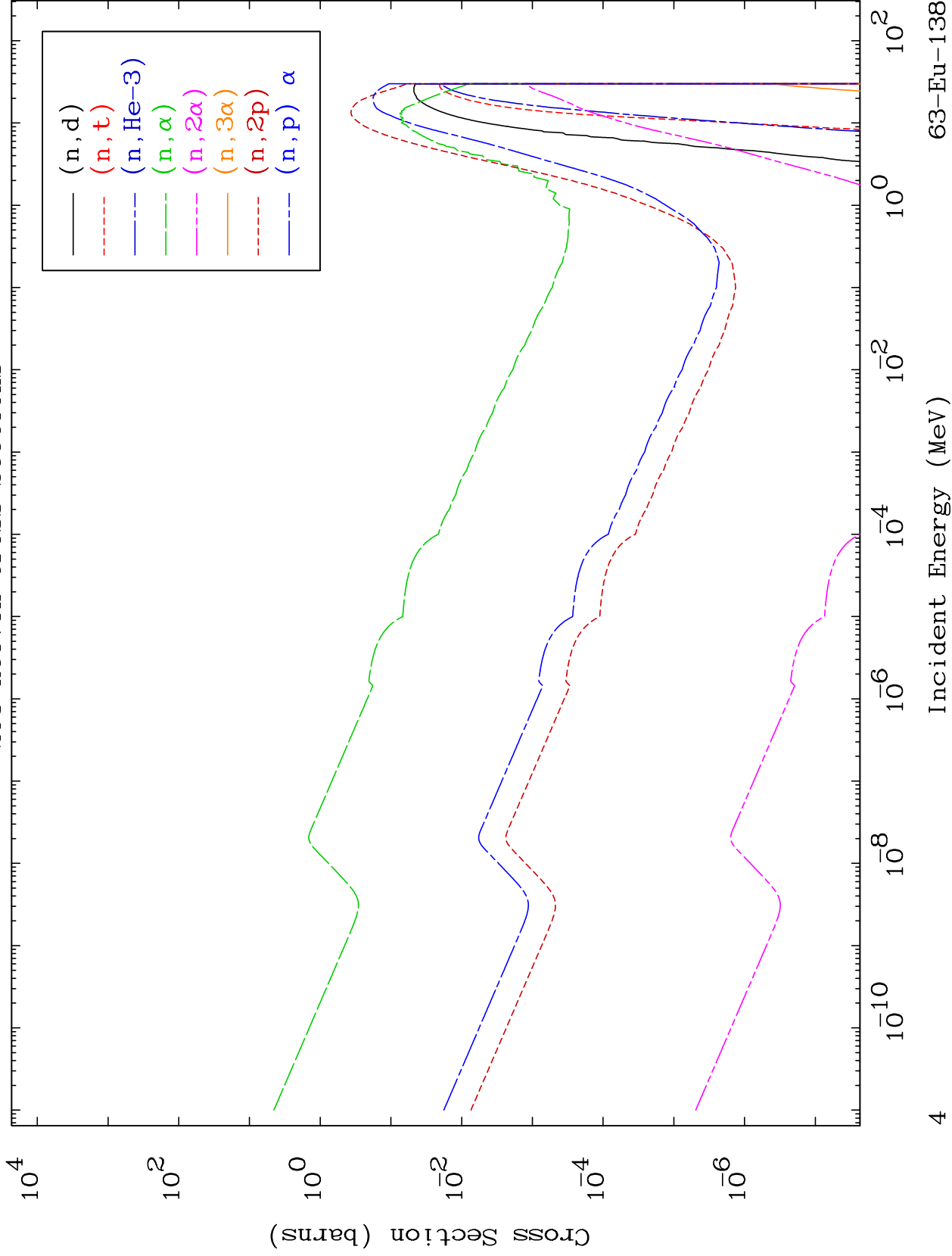




MAT 6286

Neutron Absorption
293 Kelvin Cross Sections

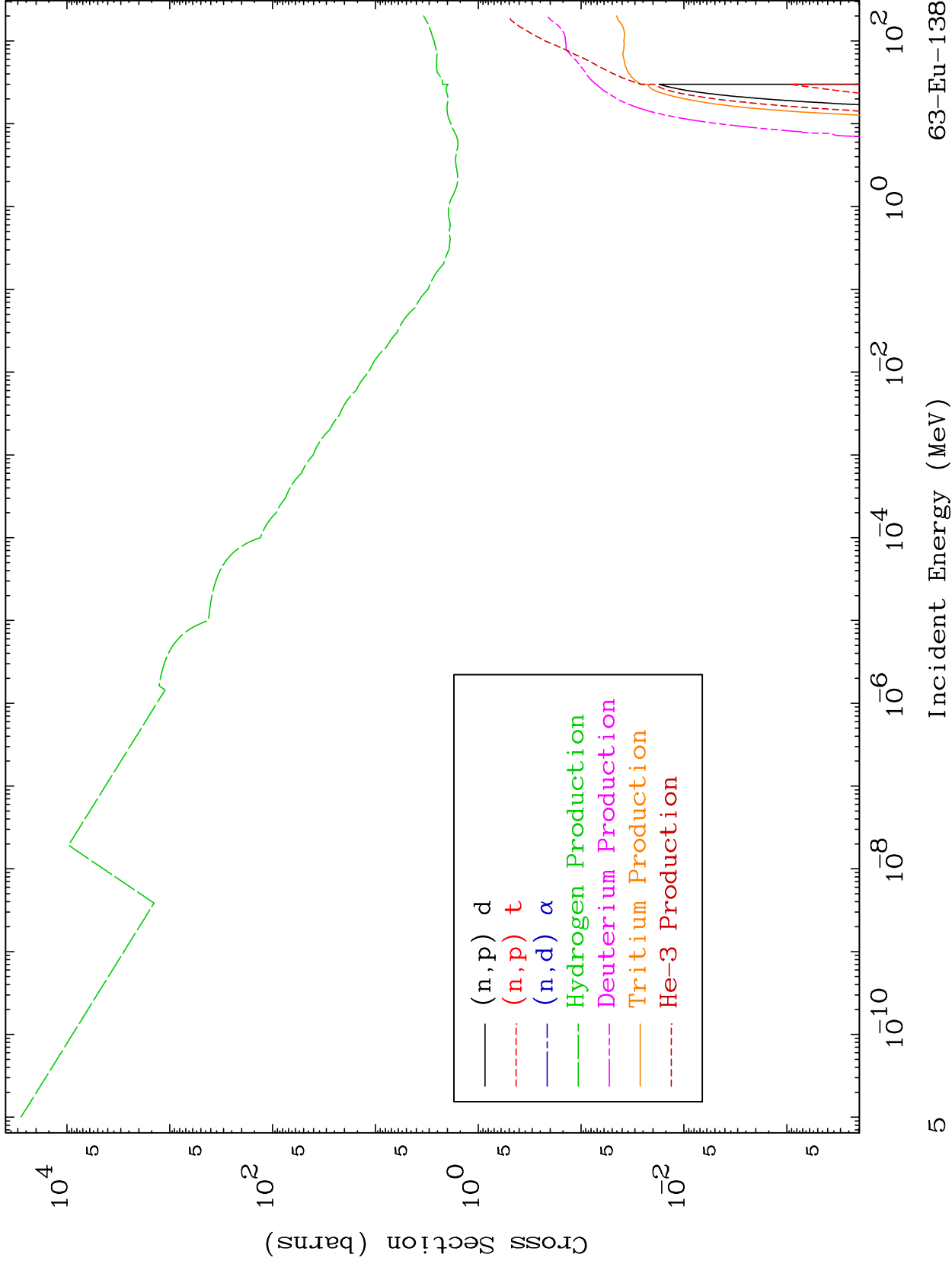
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MAT 6286

Neutron Absorption
293 Kelvin Cross Sections

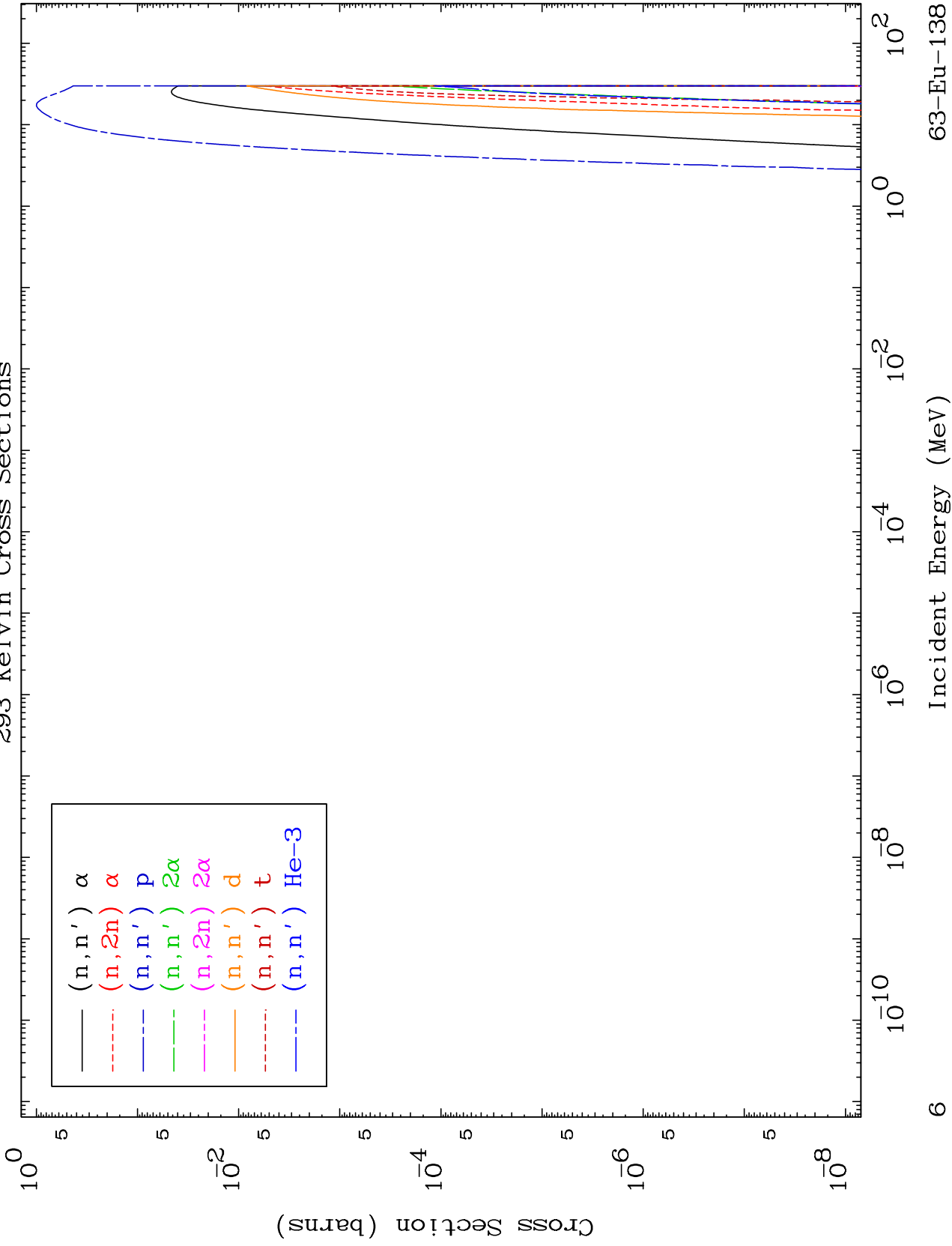
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MAT 6286

Charged Particle
293 Kelvin Cross Sections

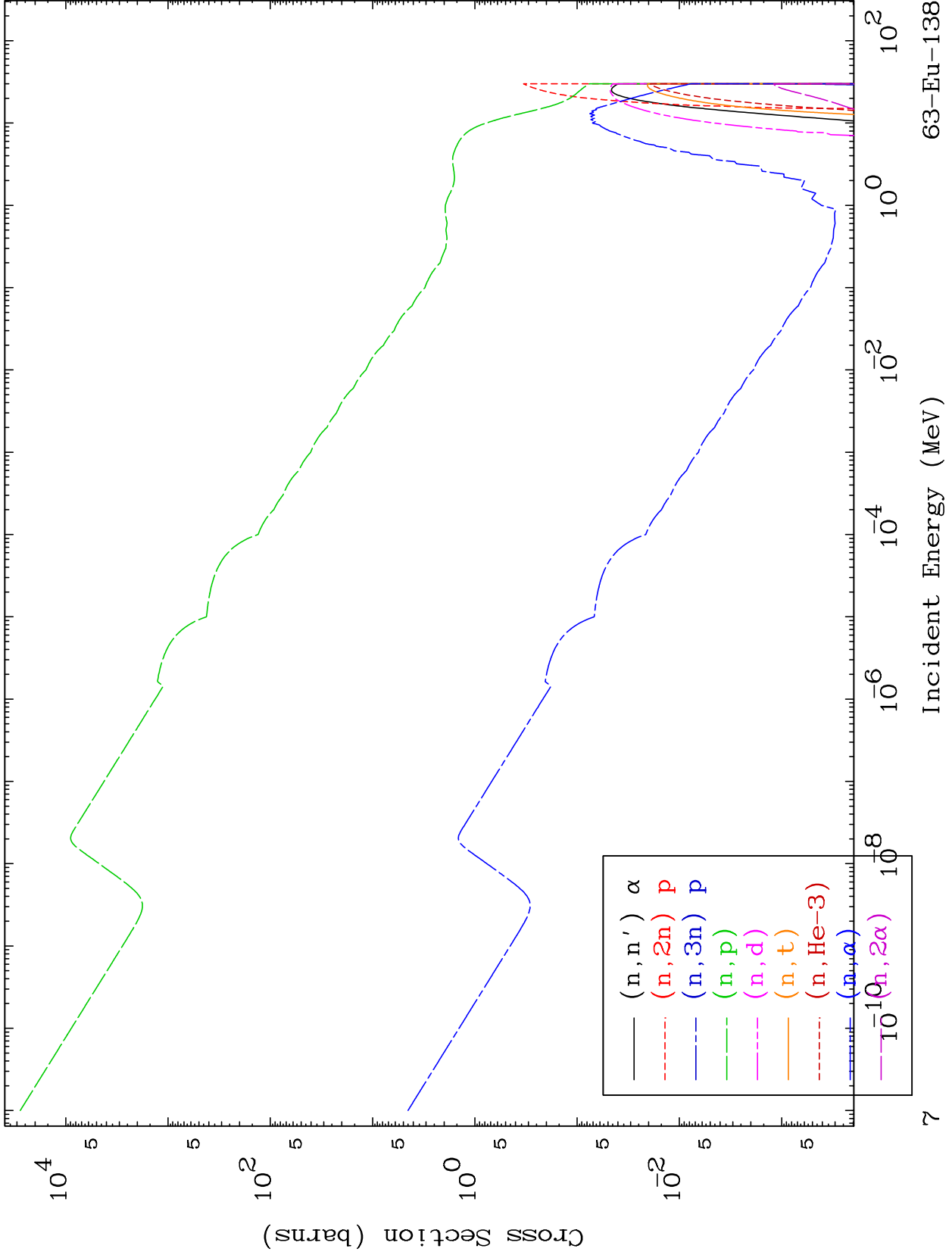
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MAT 6286

Charged Particle
293 Kelvin Cross Sections

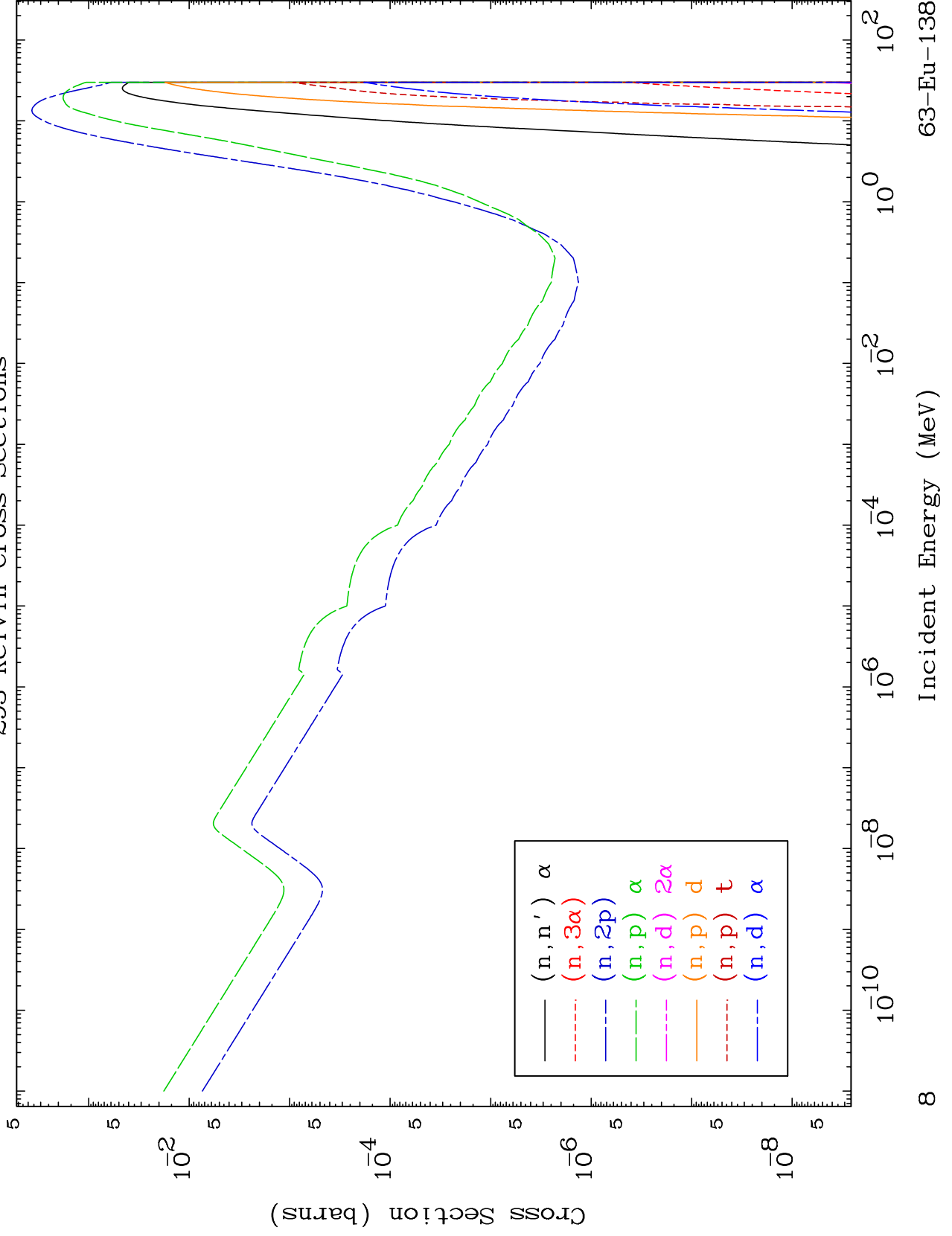
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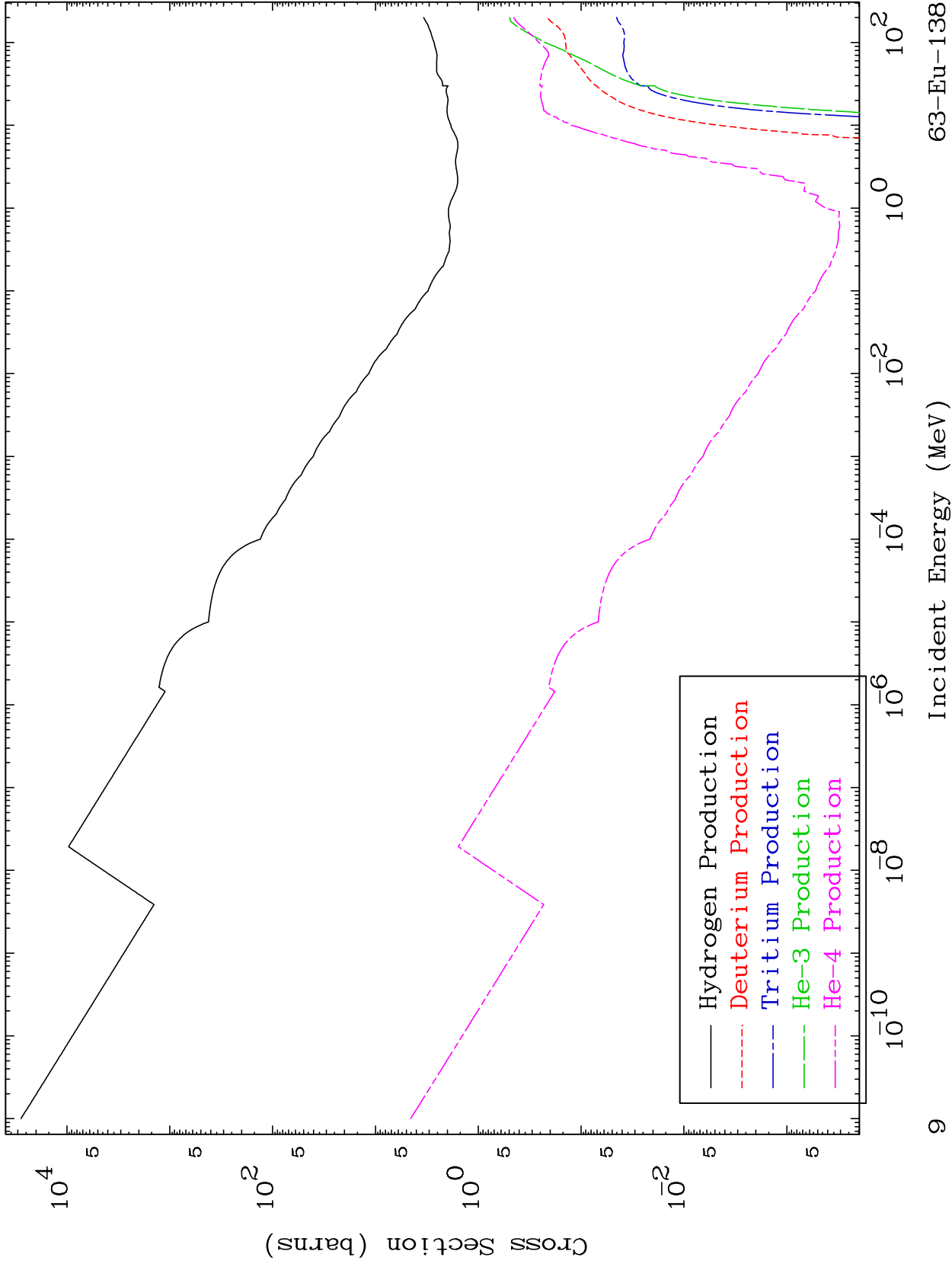


MAT 6286

Charged Particle
293 Kelvin Cross Sections

63-Eu-138



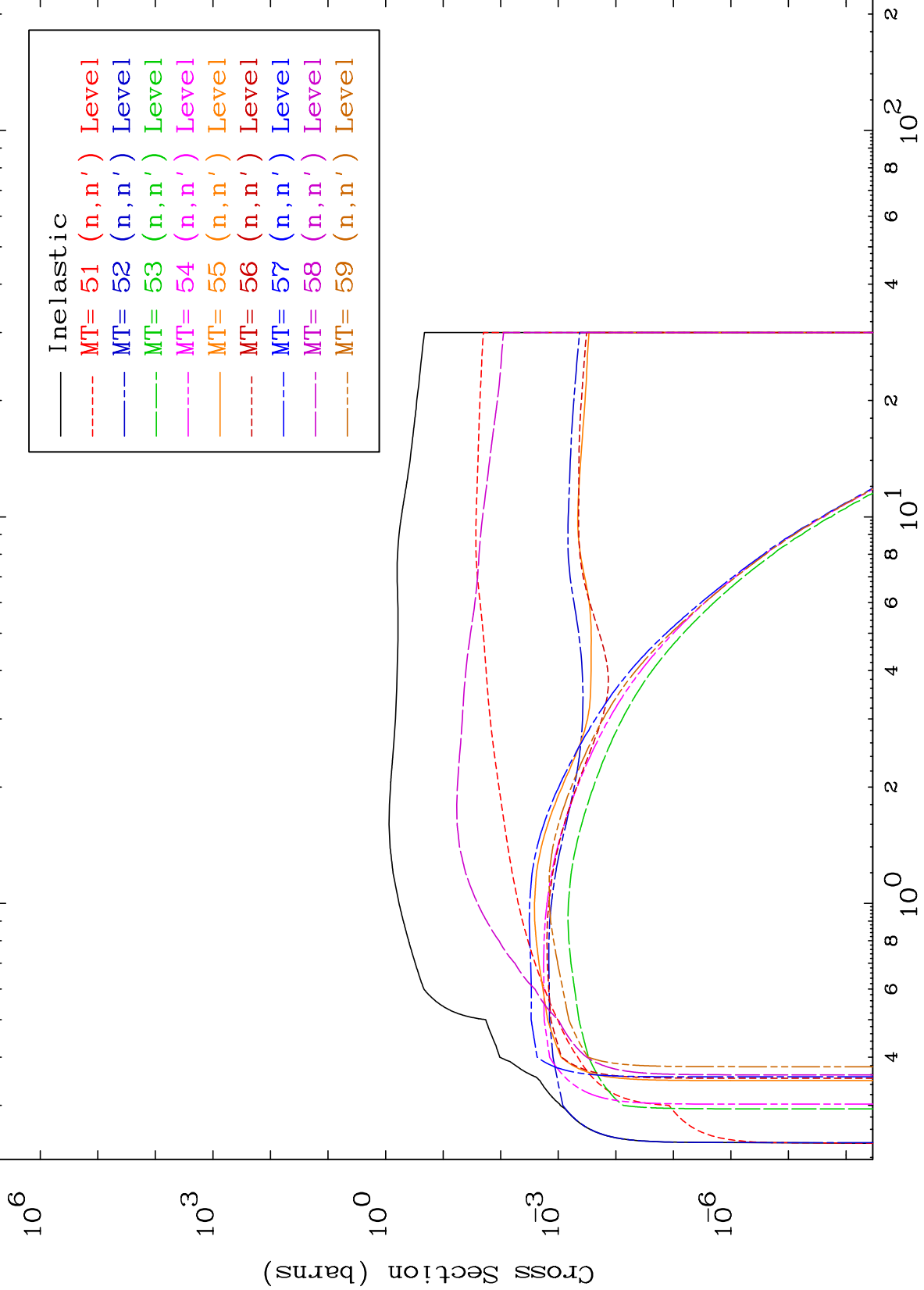


MAT 6286

(n,n') Levels

63-Eu-138

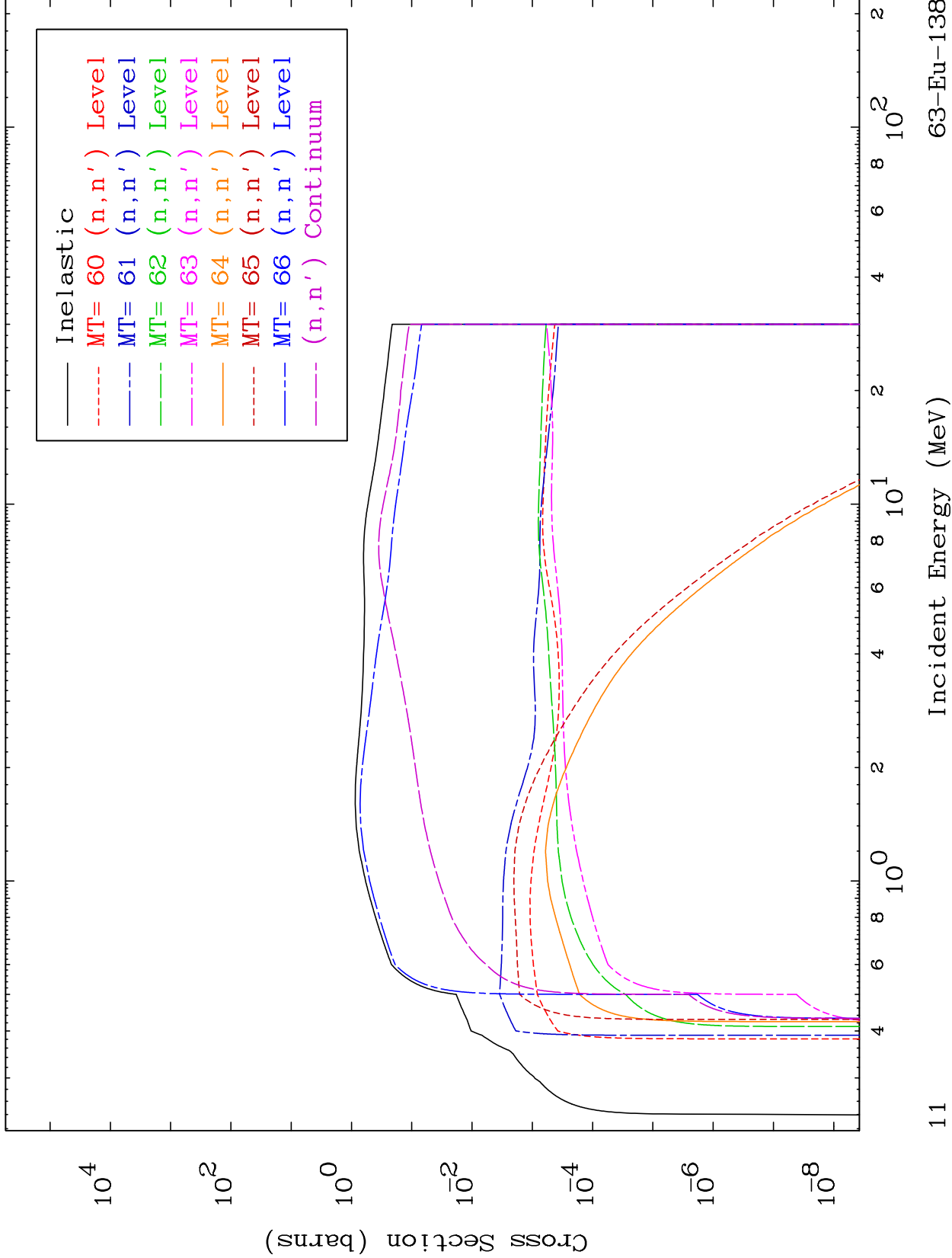
293 Kelvin Cross Sections



10

Incident Energy (MeV)

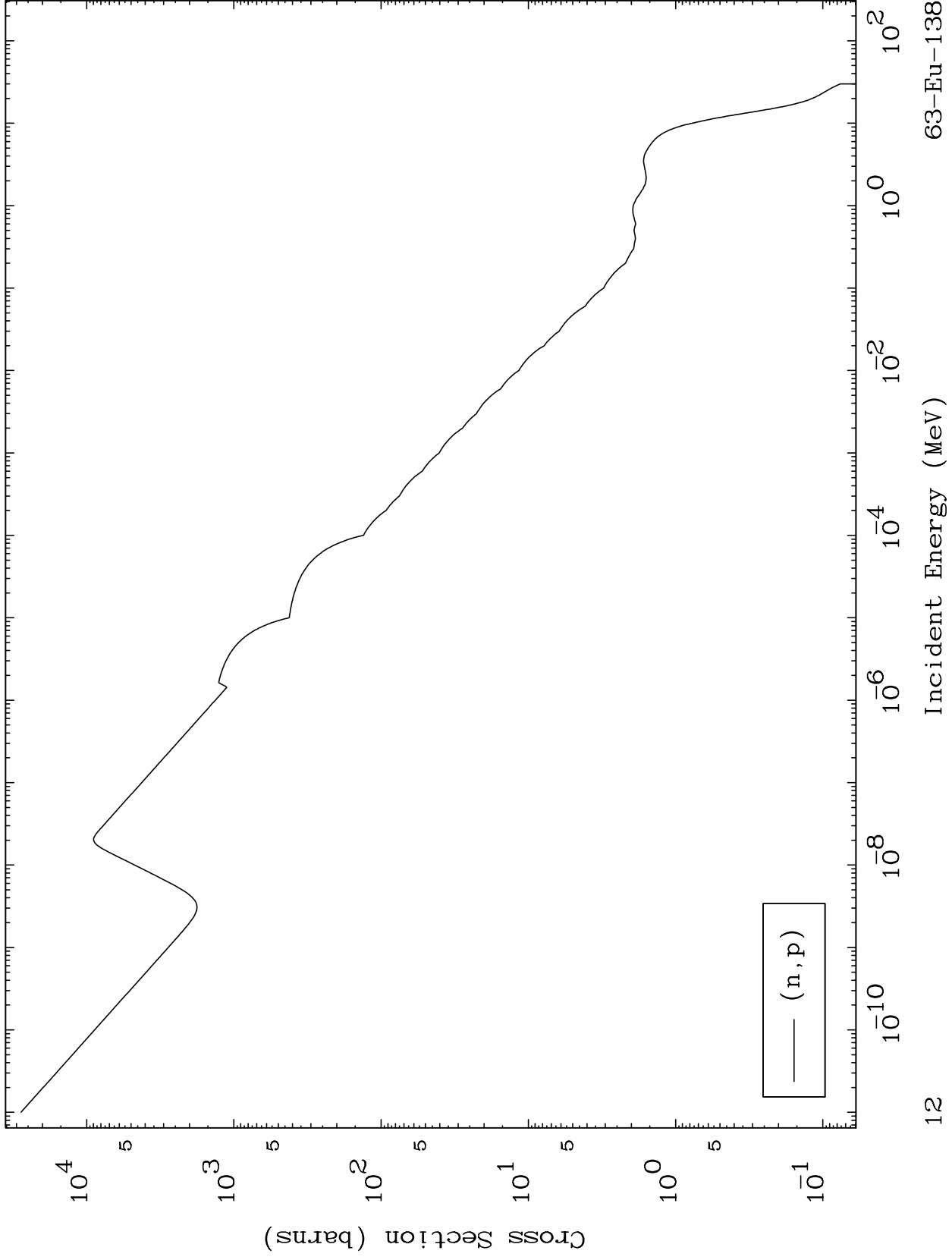
63-Eu-138



MAT 6286

(n,p) Levels
293 Kelvin Cross Sections

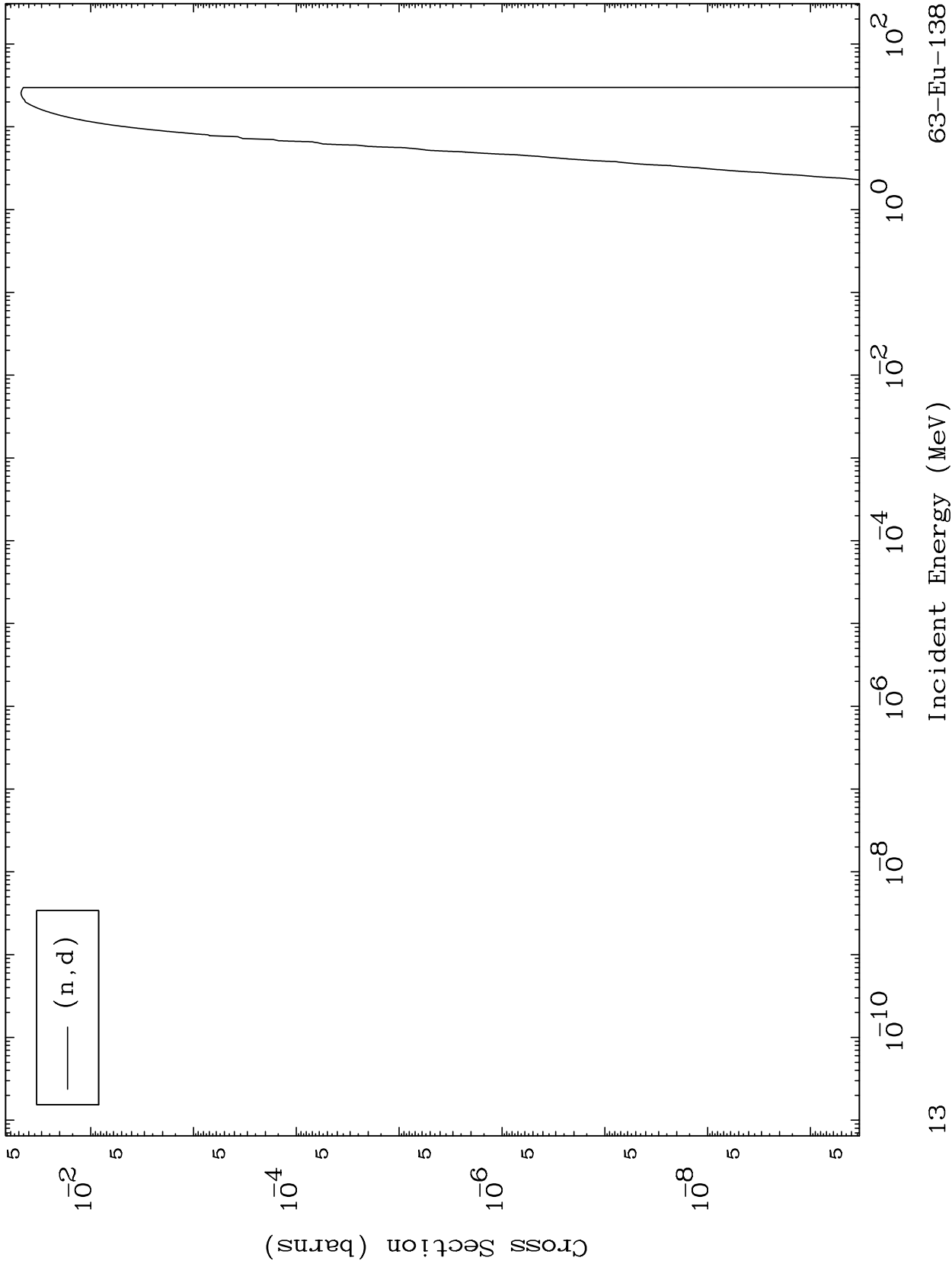
63-Eu-138



MAT 6286

(n,d) Levels
293 Kelvin Cross Sections

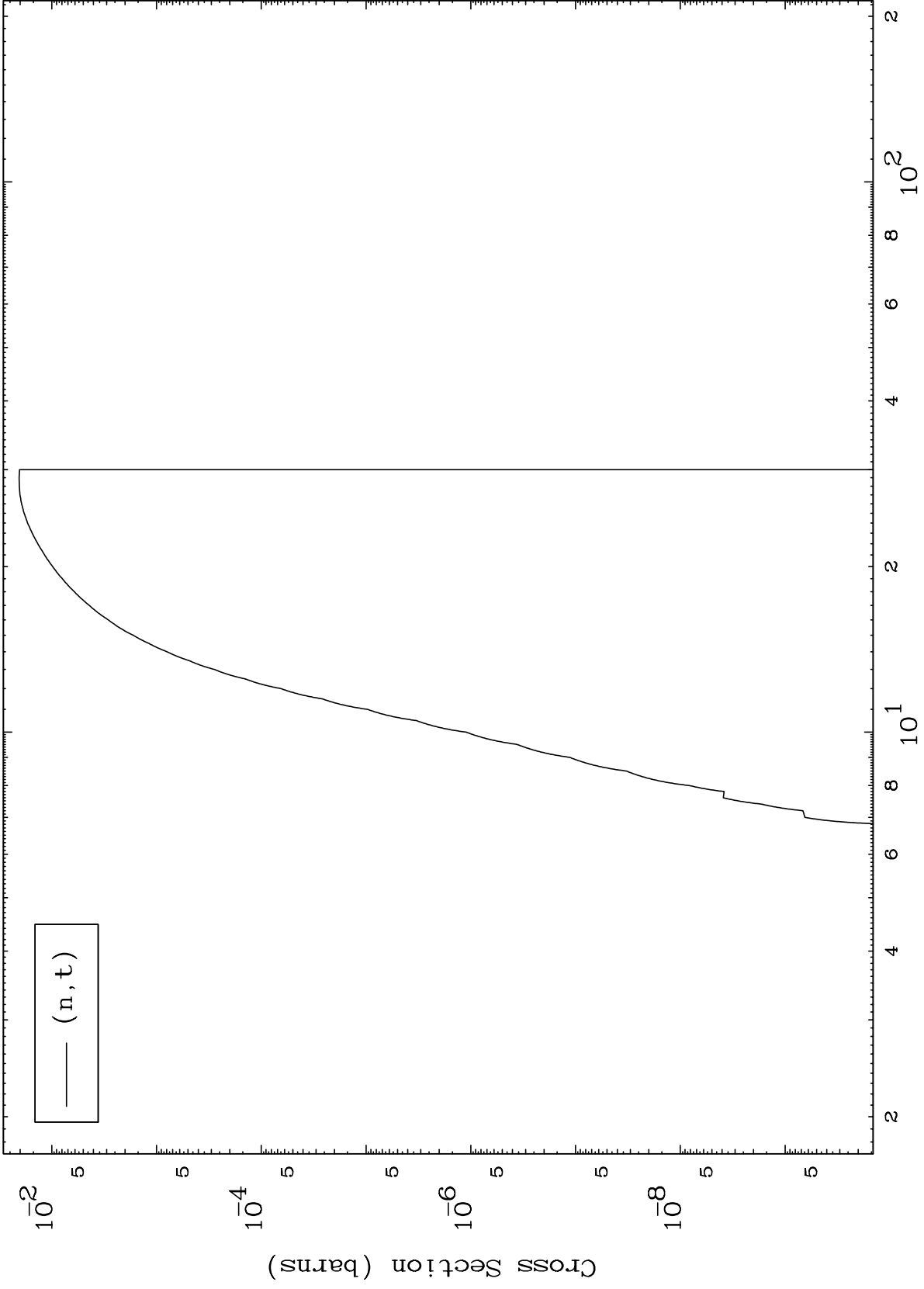
63-Eu-138



MAT 6286

(n, t) Levels
293 Kelvin Cross Sections

63-Eu-138



14

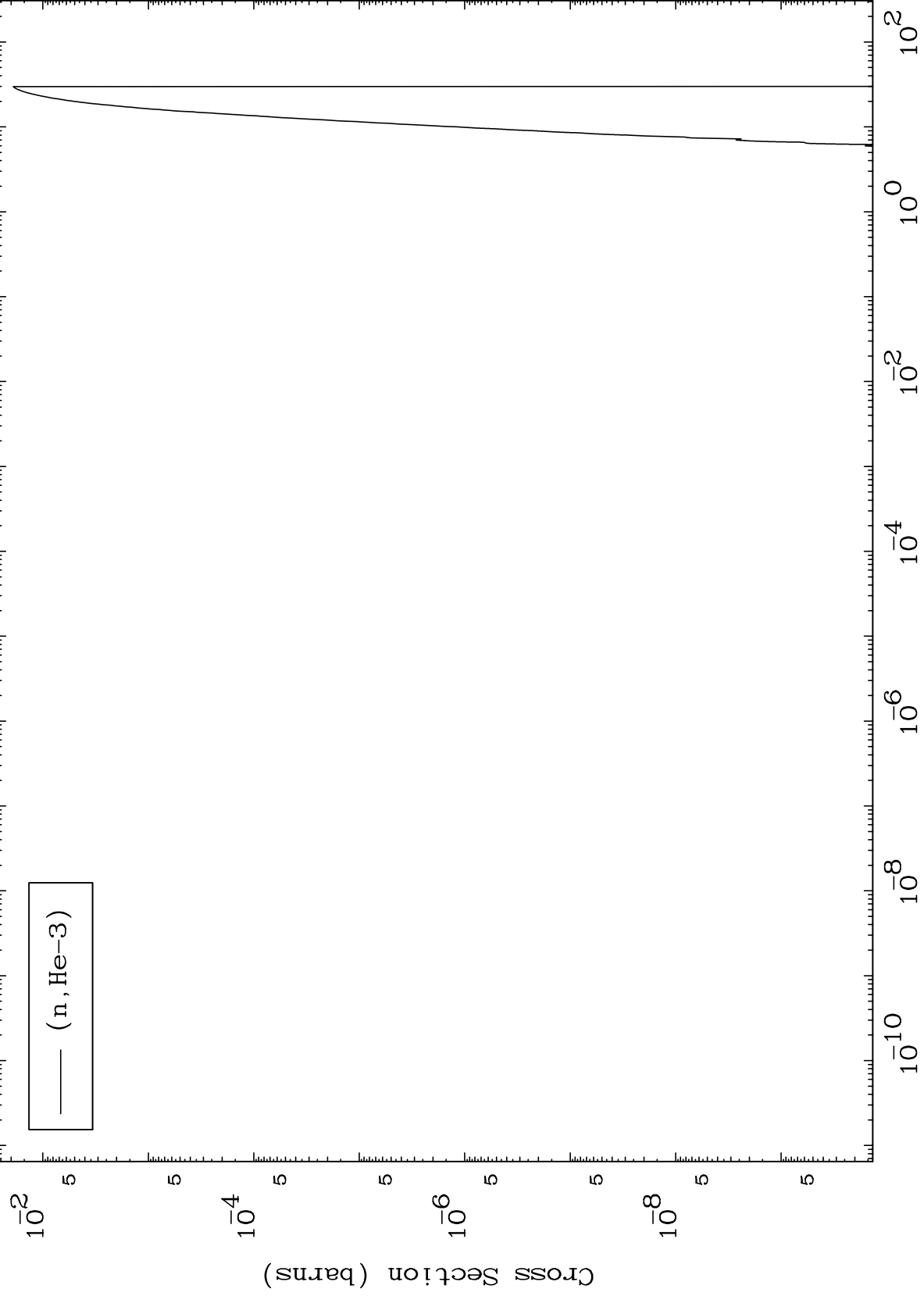
Incident Energy (MeV)

63-Eu-138

MAT 6286

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-138



15

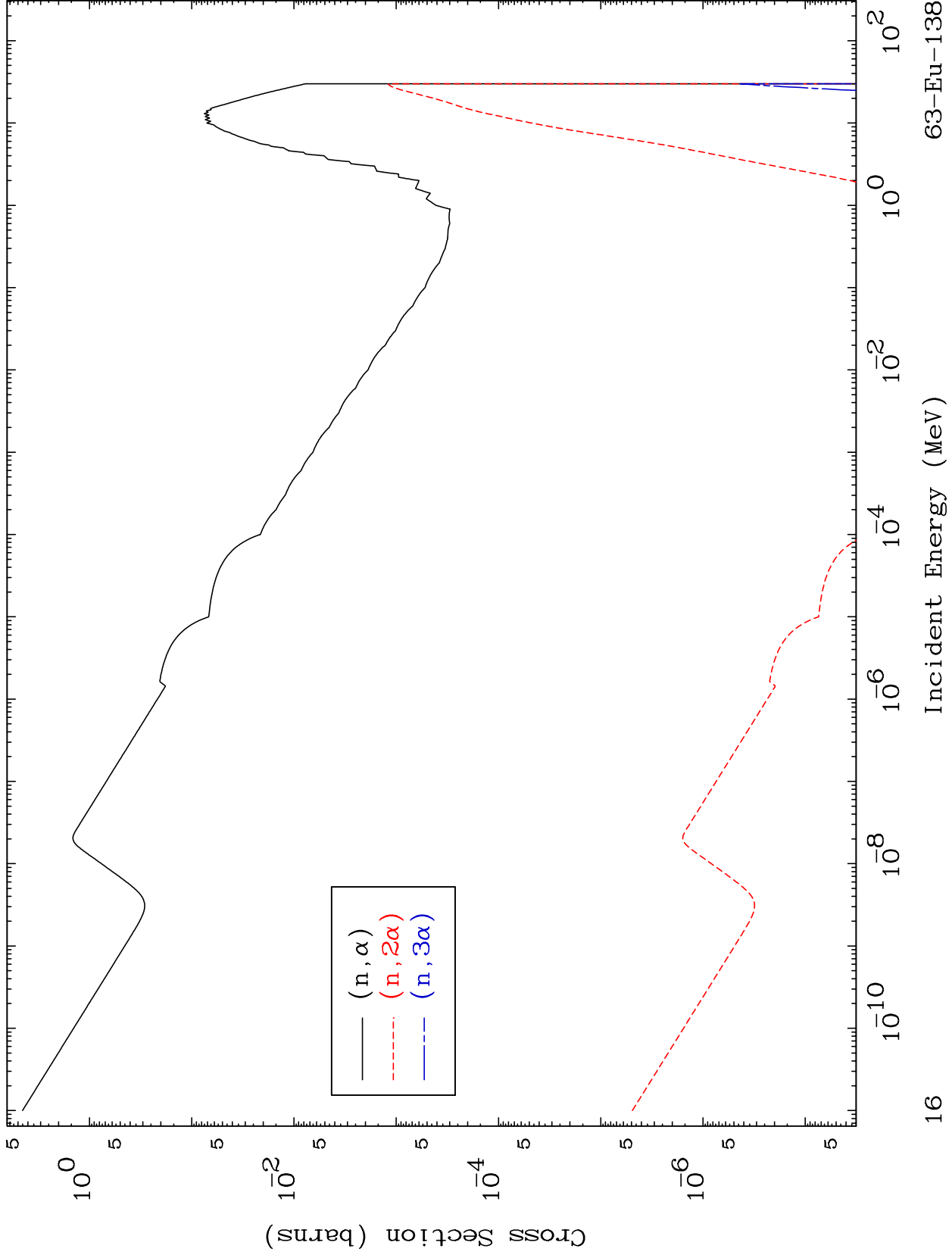
Incident Energy (MeV)

63-Eu-138

MAT 6286

(n, α) Levels
293 Kelvin Cross Sections

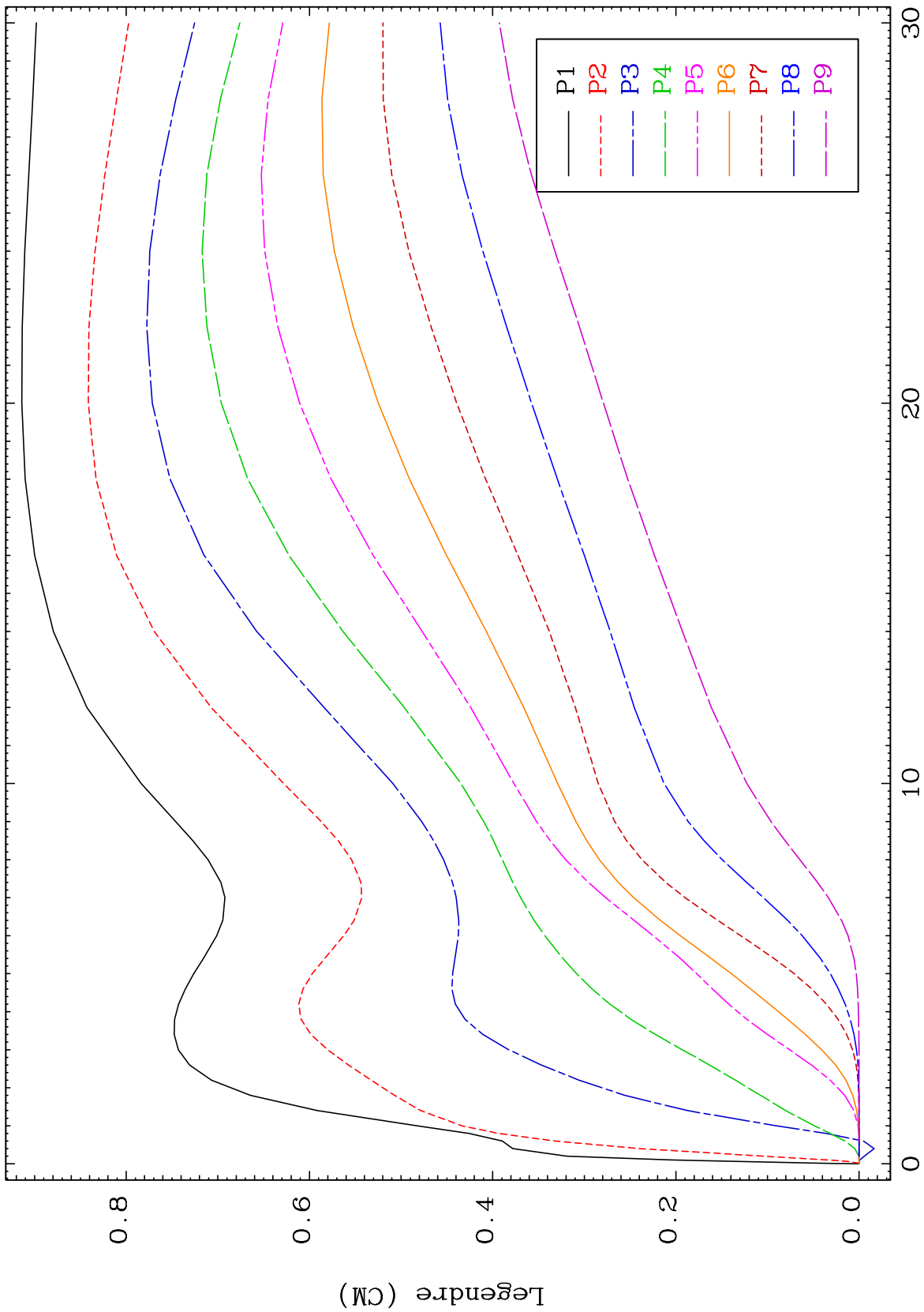
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MAT 6286

Elastic Legendre Coefficients

63-Eu-138



17

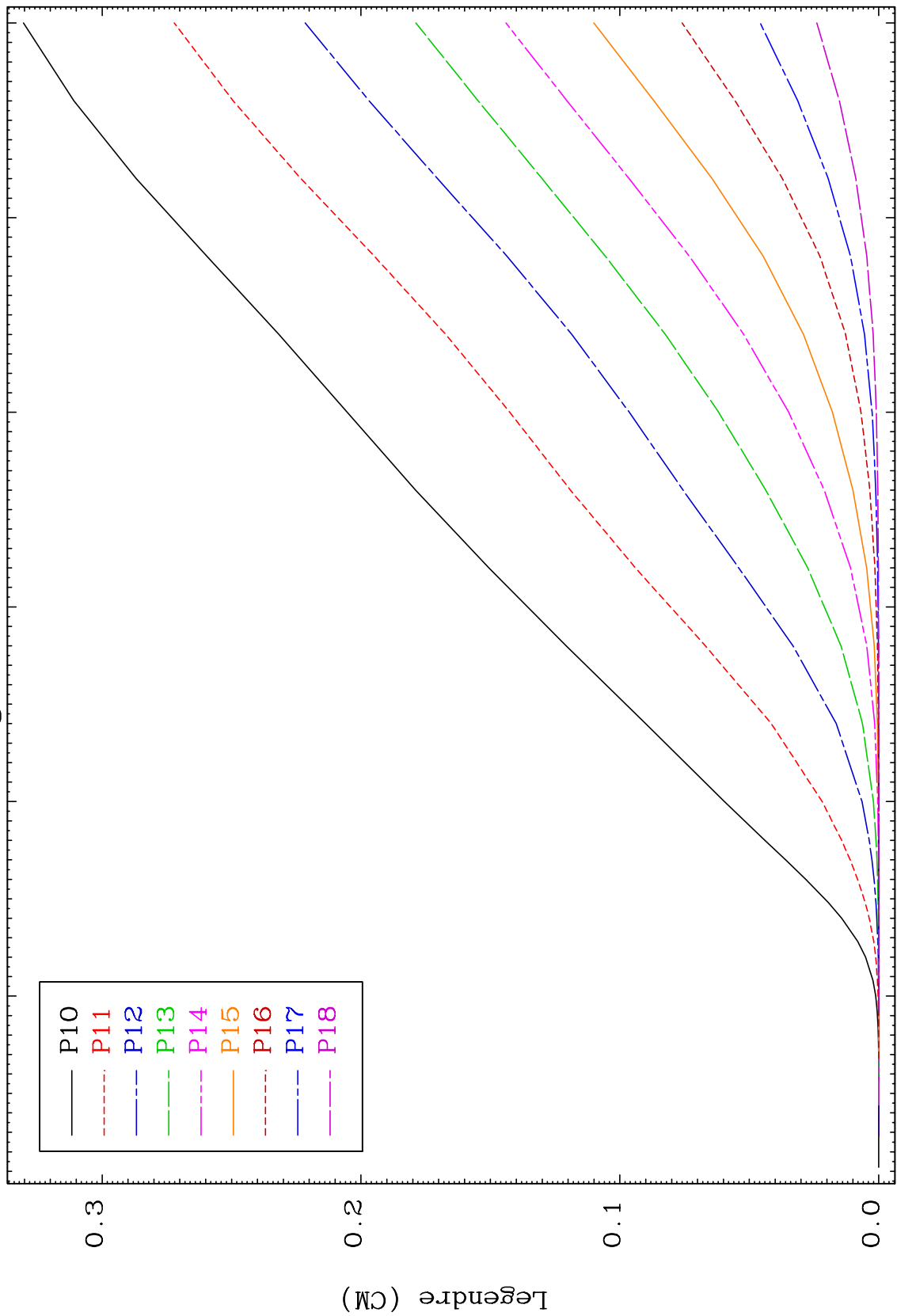
Incident Energy (MeV)

63-Eu-138

MAT 6286

Elastic Legendre Coefficients

63-Eu-138



18

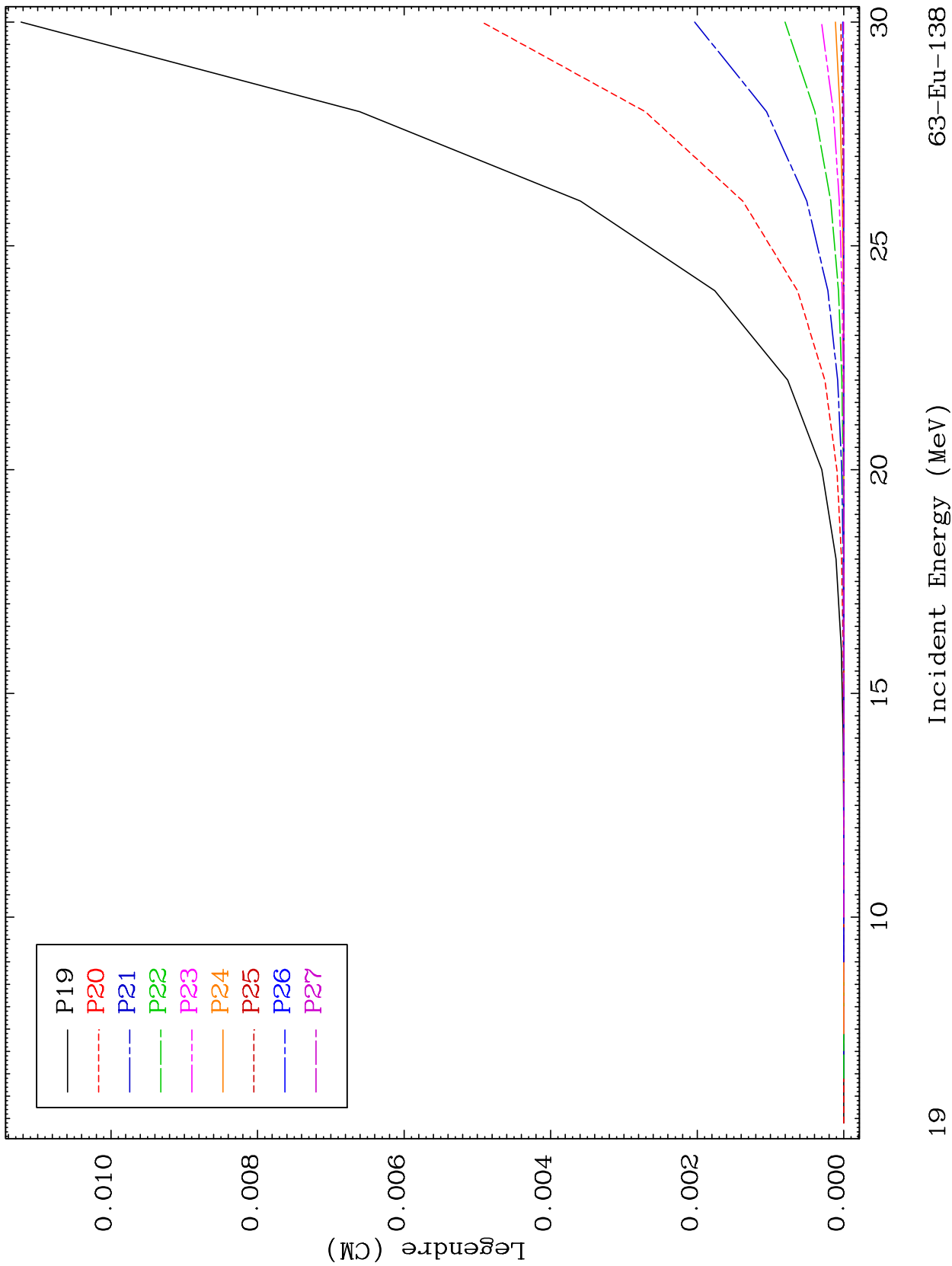
Incident Energy (MeV)

63-Eu-138

MAT 6286

Elastic Legendre Coefficients

63-Eu-138



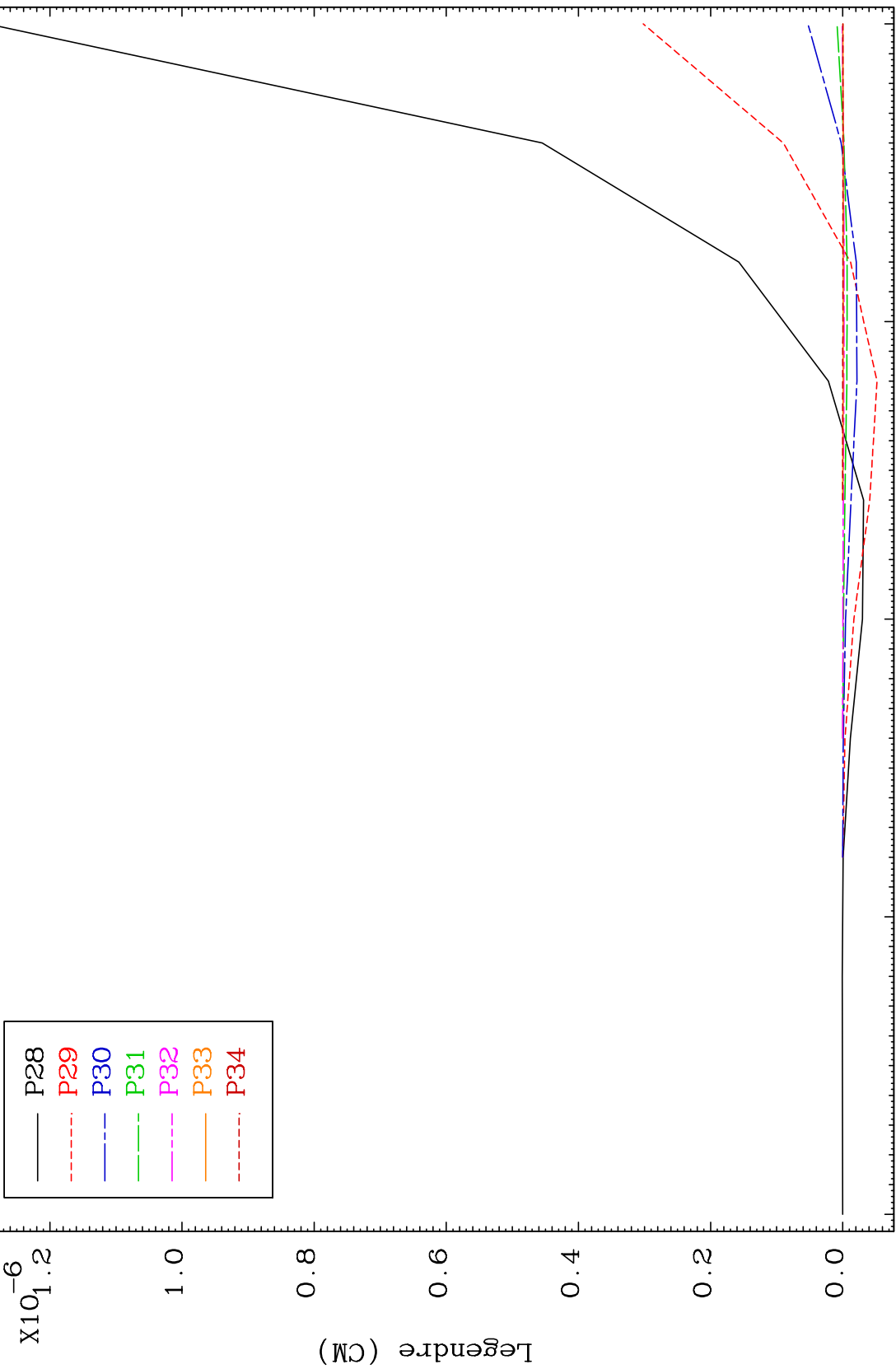
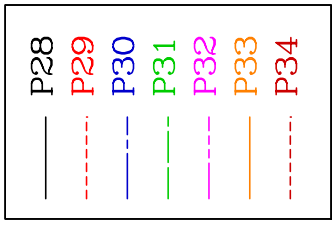
19

63-Eu-138

MAT 6286

Elastic Legendre Coefficients

⁶³-Eu-138



⁶³-Eu-138

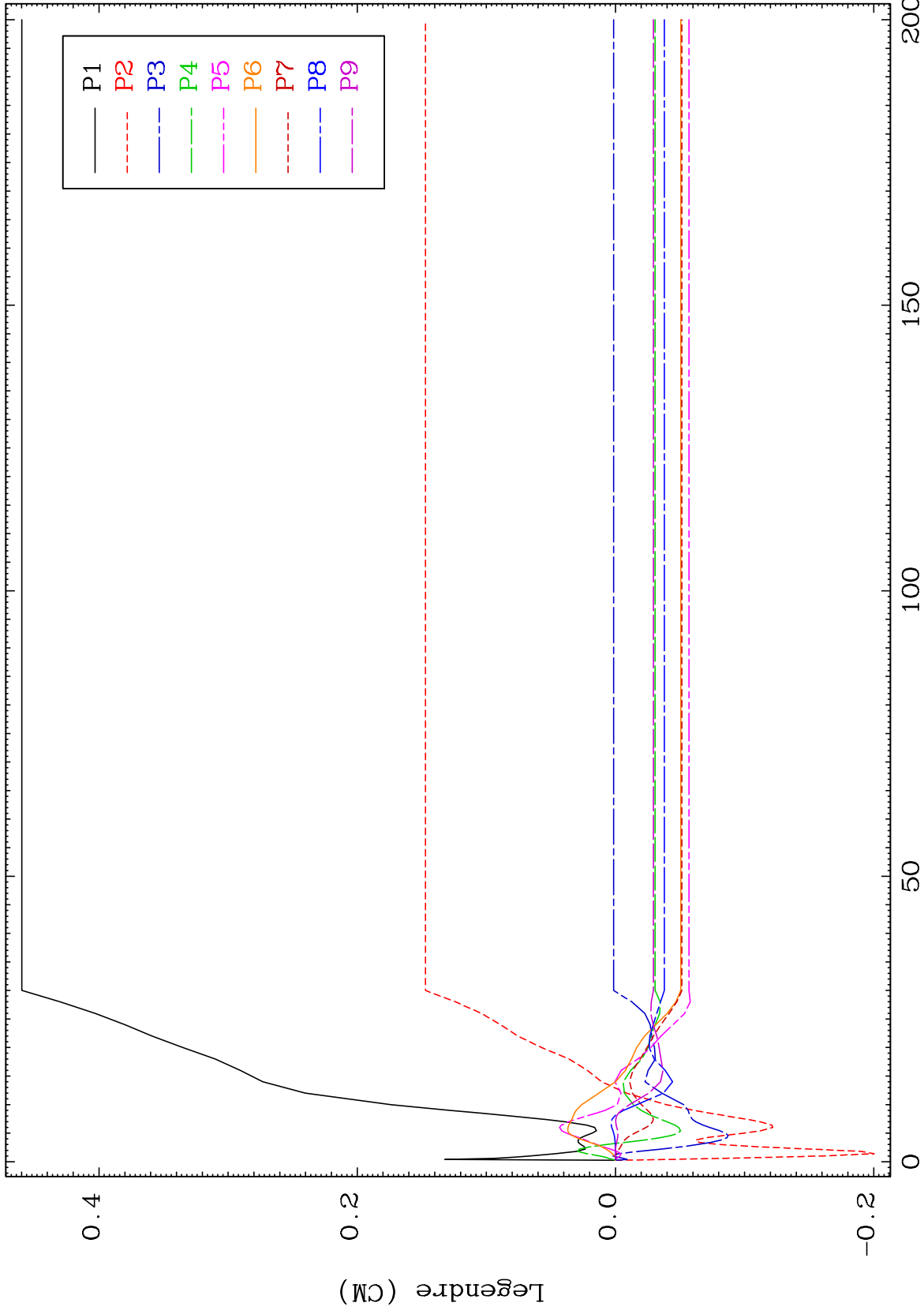
Incident Energy (MeV)

20

MAT 6286

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

63-Eu-138



21

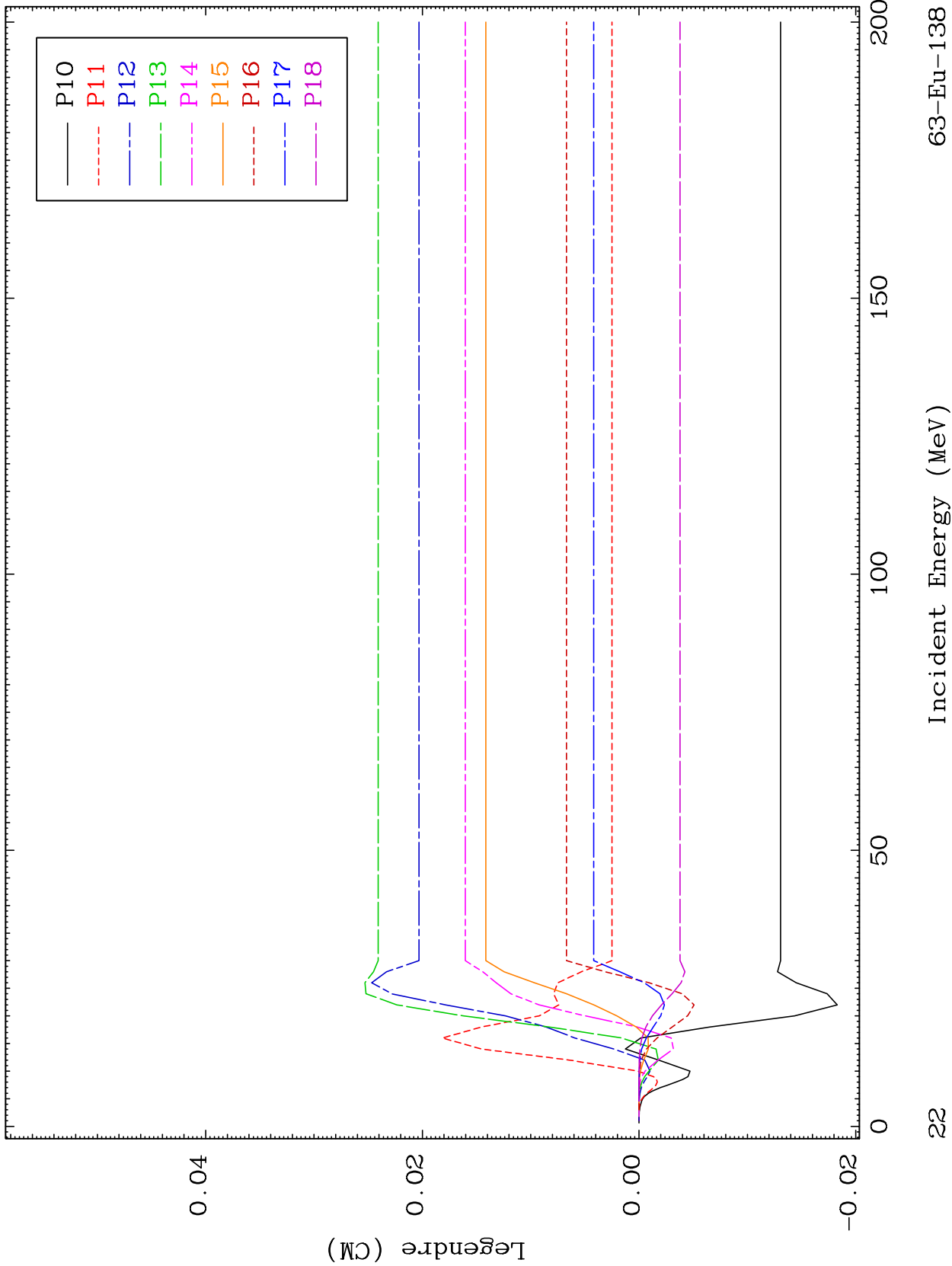
Incident Energy (MeV)

63-Eu-138

MAT 6286

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

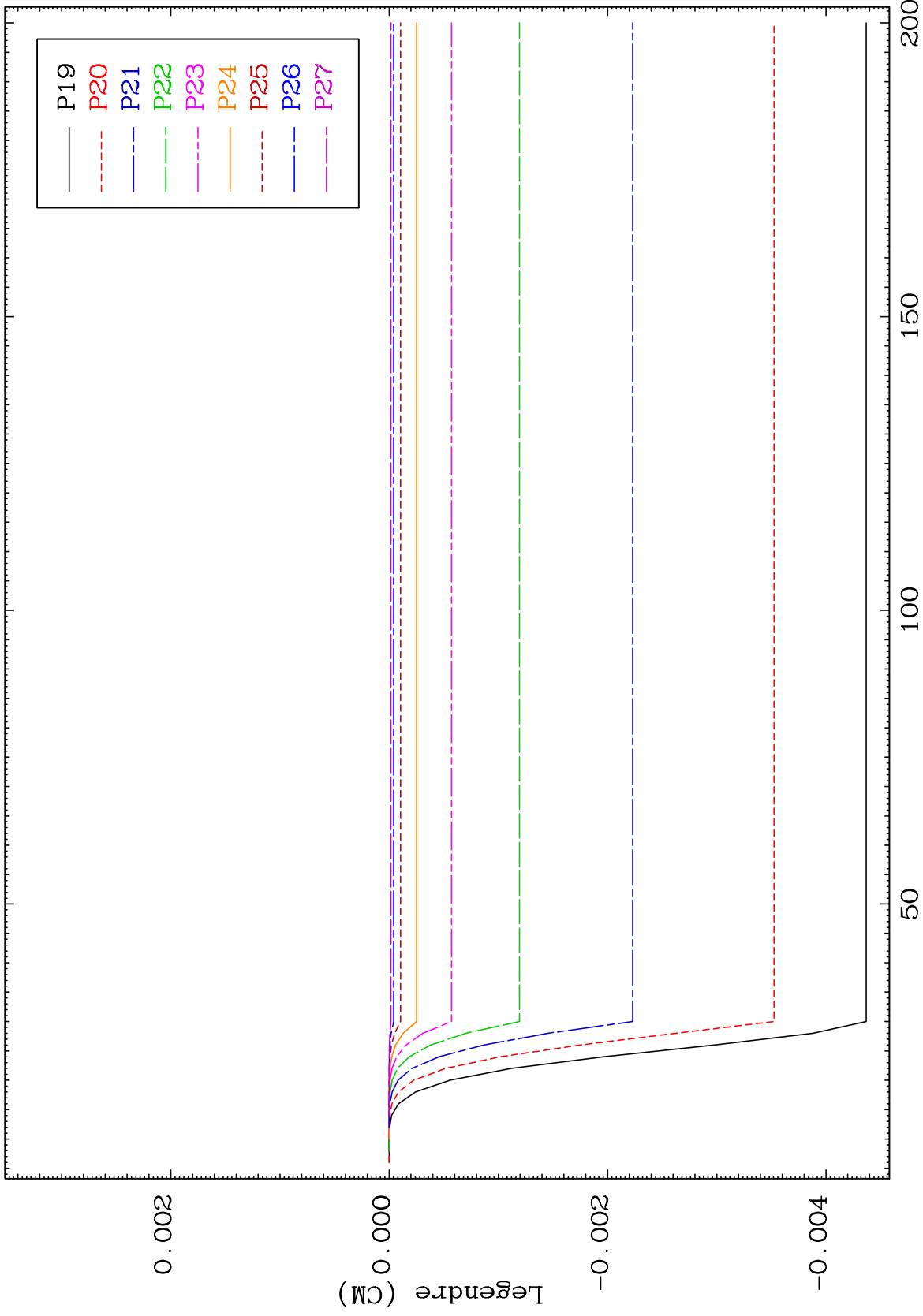
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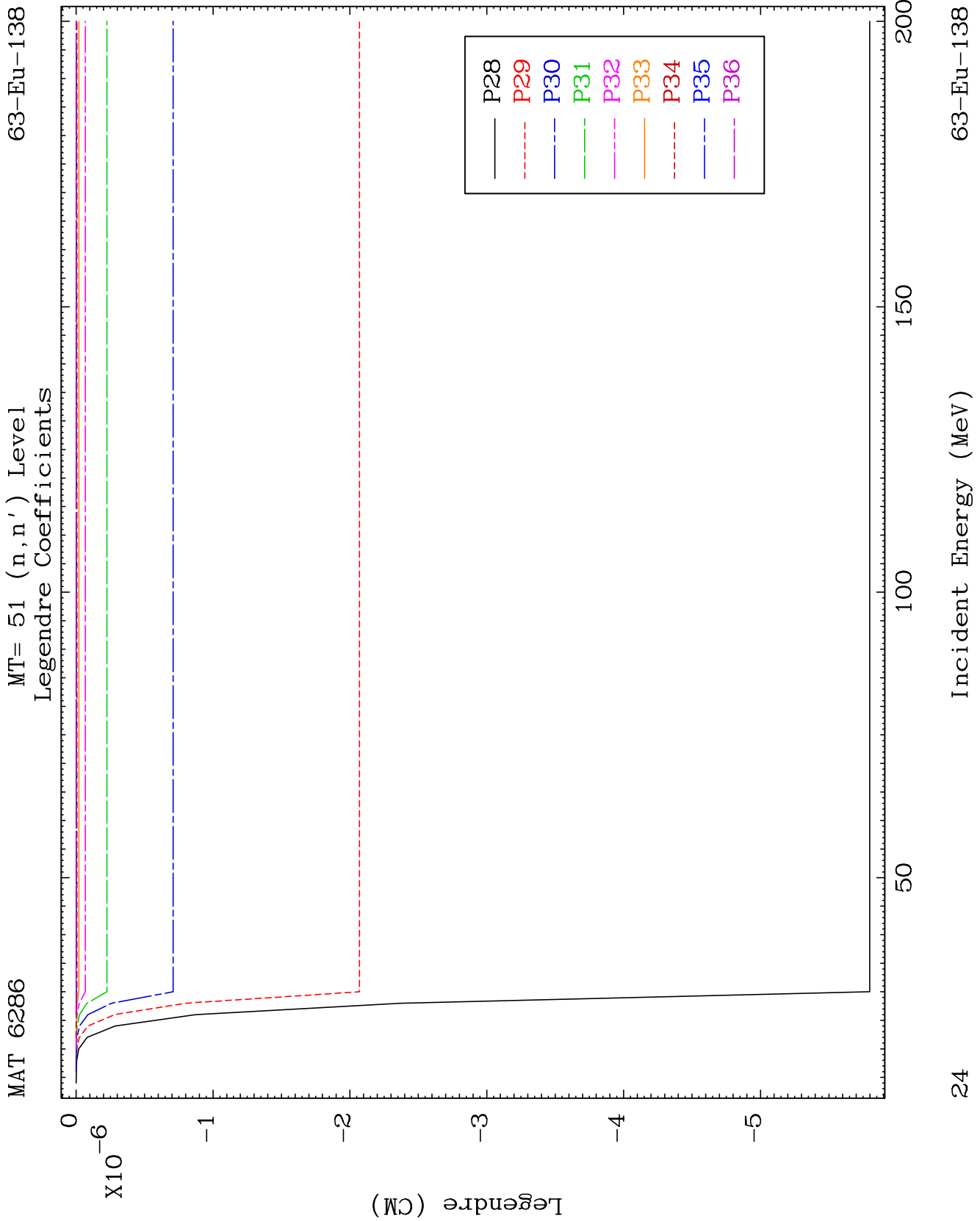


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Incident Energy (MeV)

22

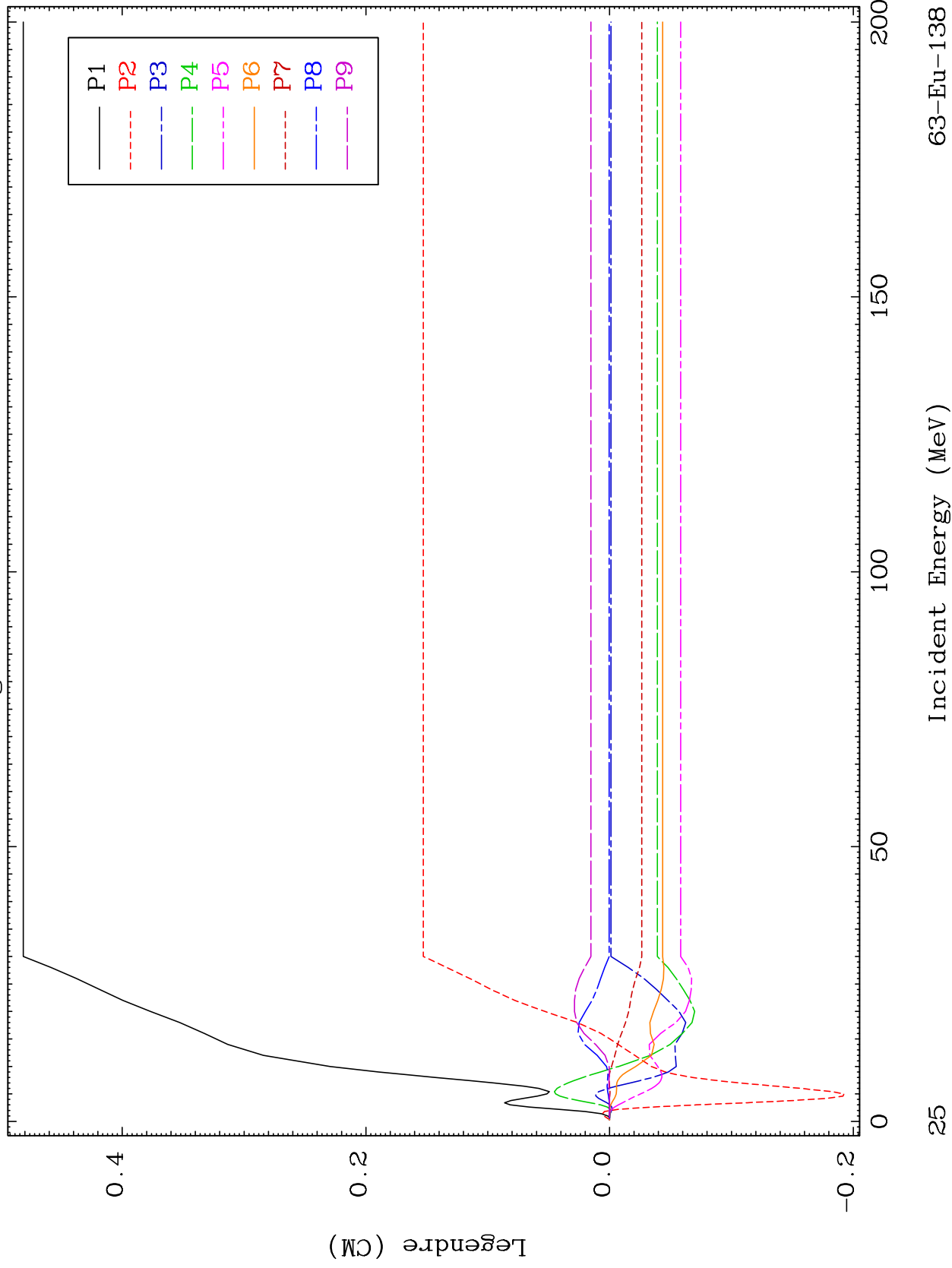




MAT 6286

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

63-Eu-138



63-Eu-138

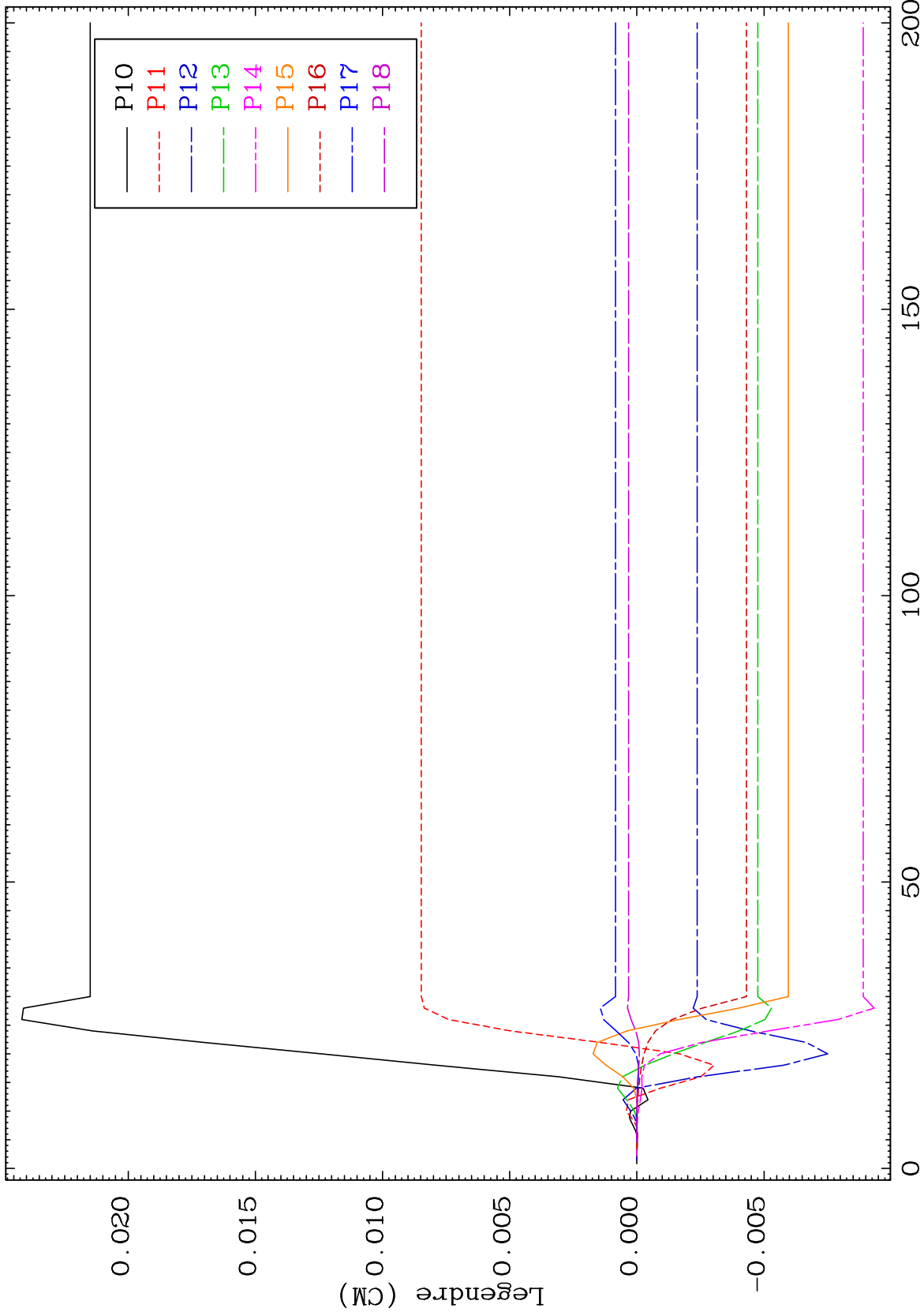
Incident Energy (MeV)

25

MAT 6286

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

63-Eu-138



26

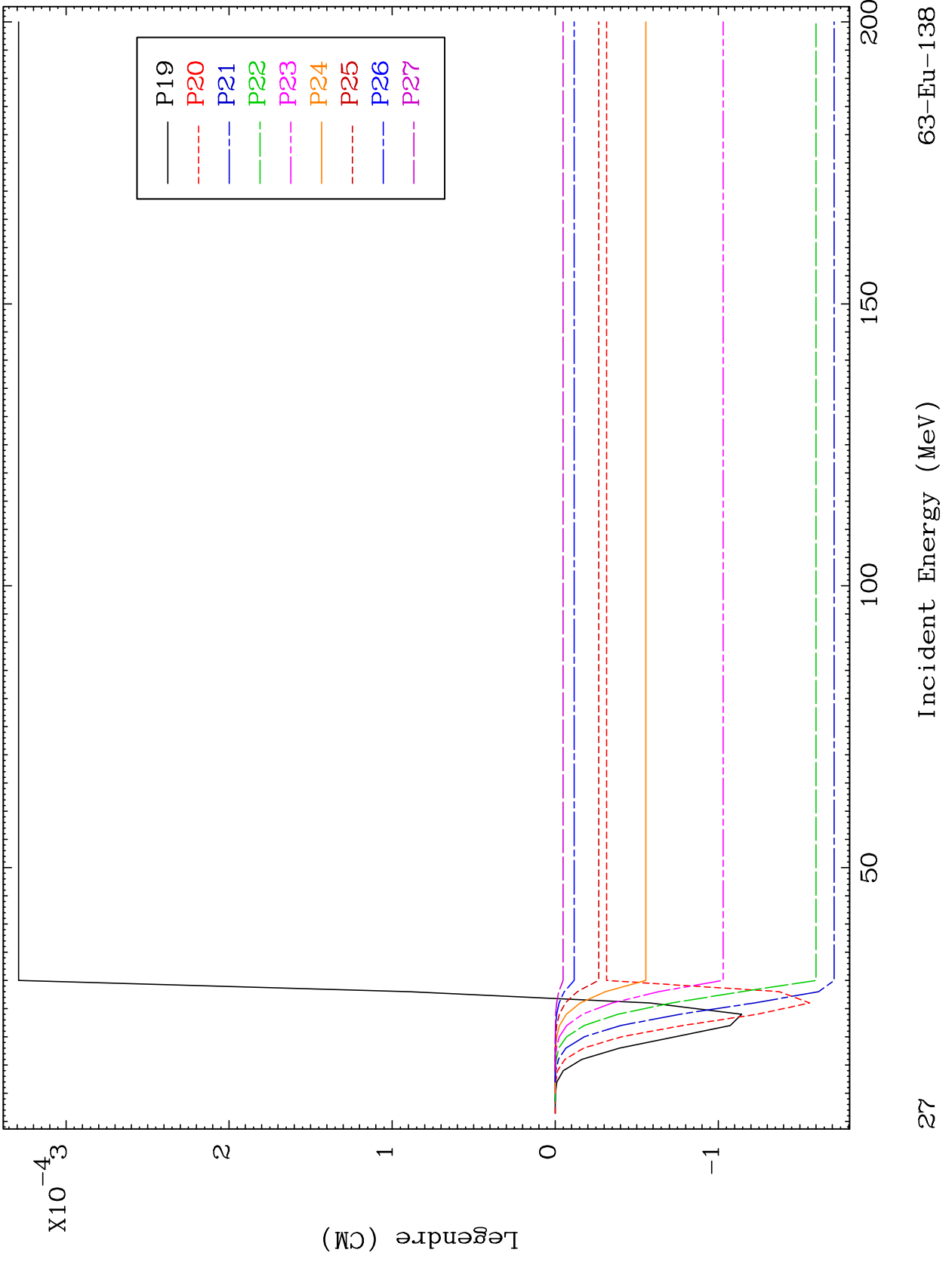
Incident Energy (MeV)

63-Eu-138

MAT 6286

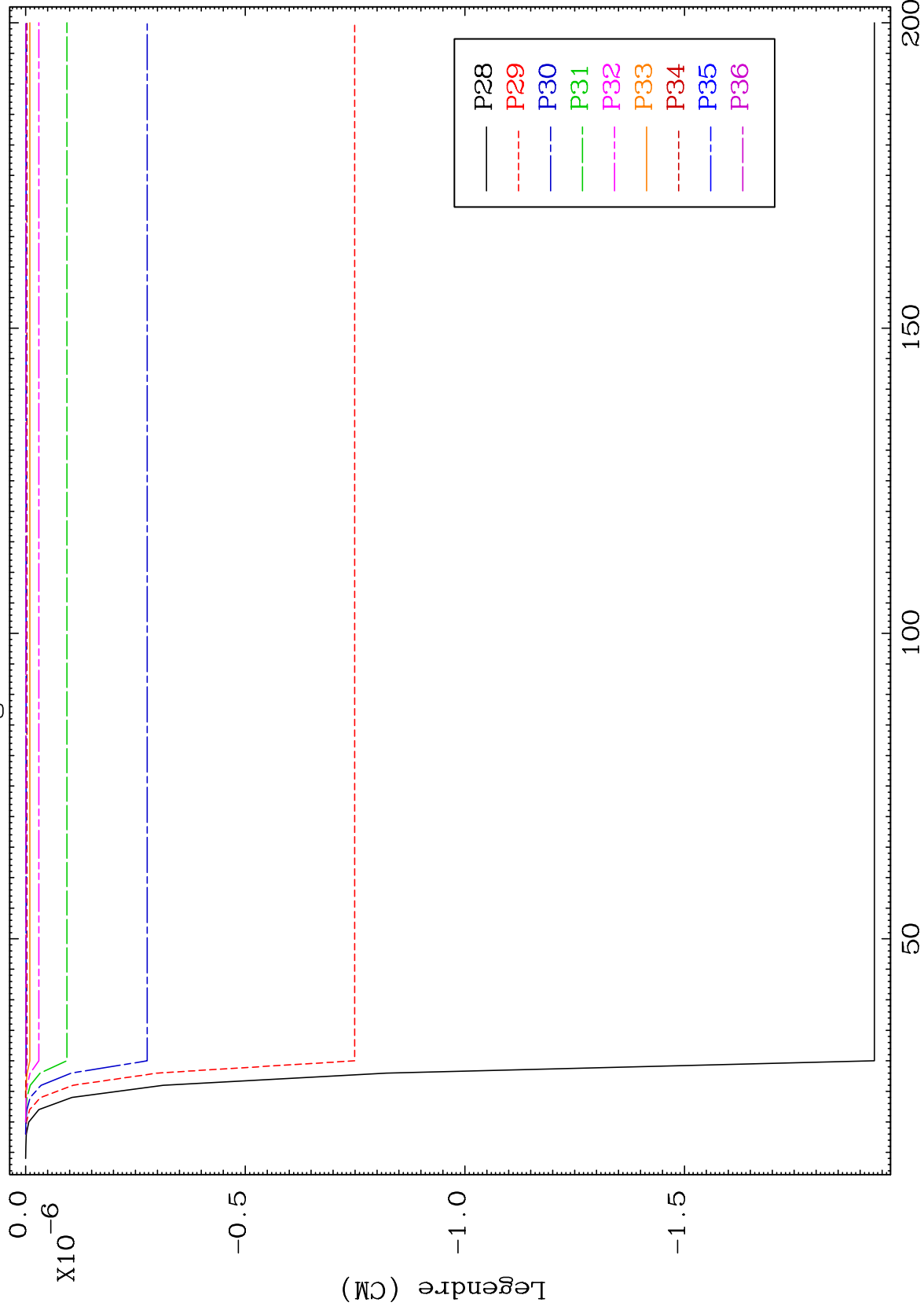
MT= 52 (n,n') Level
Legendre Coefficients

63-Eu-138



27

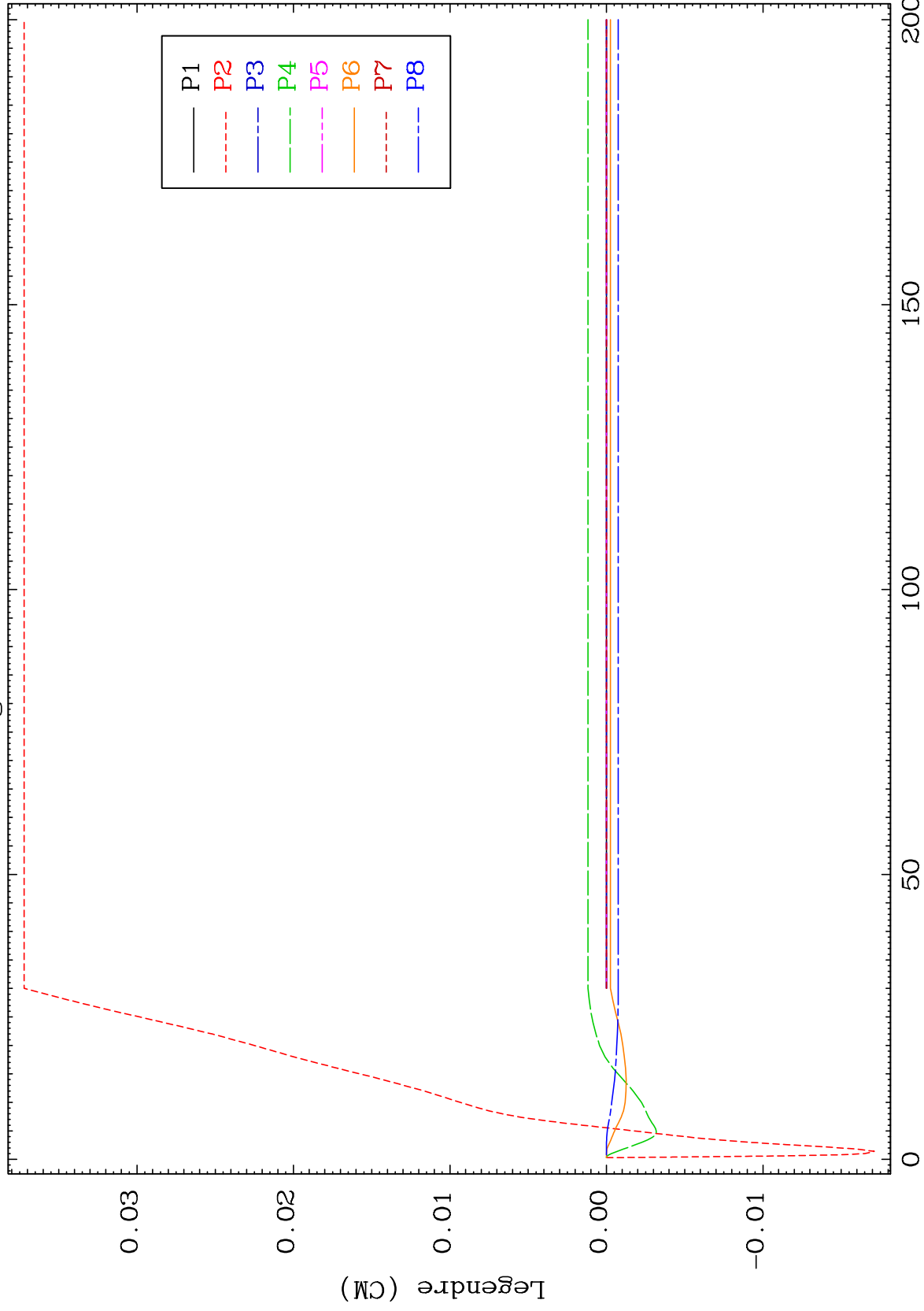
63-Eu-138



MAT 6286

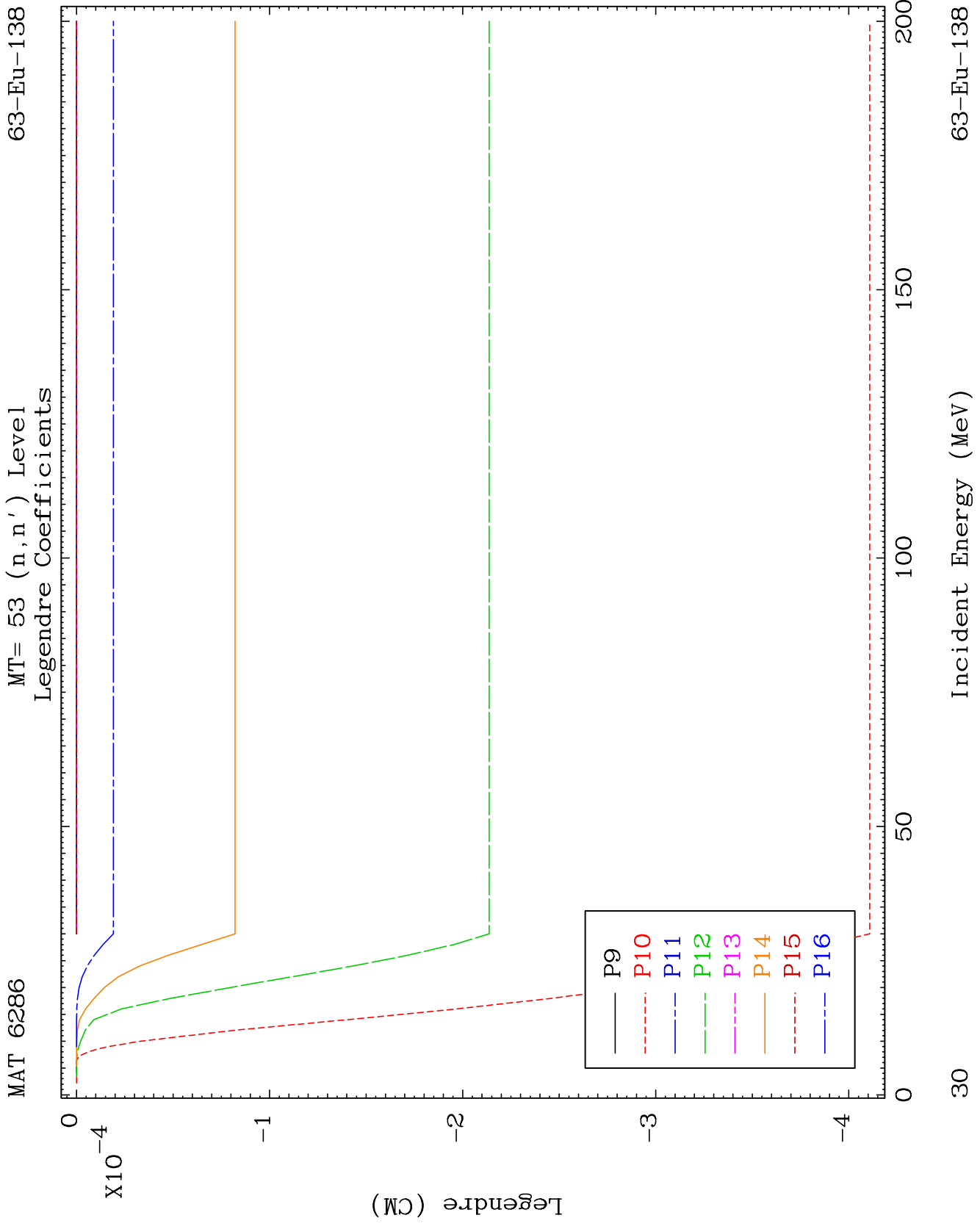
MT= 53 (n,n') Level
Legendre Coefficients

63-Eu-138



29

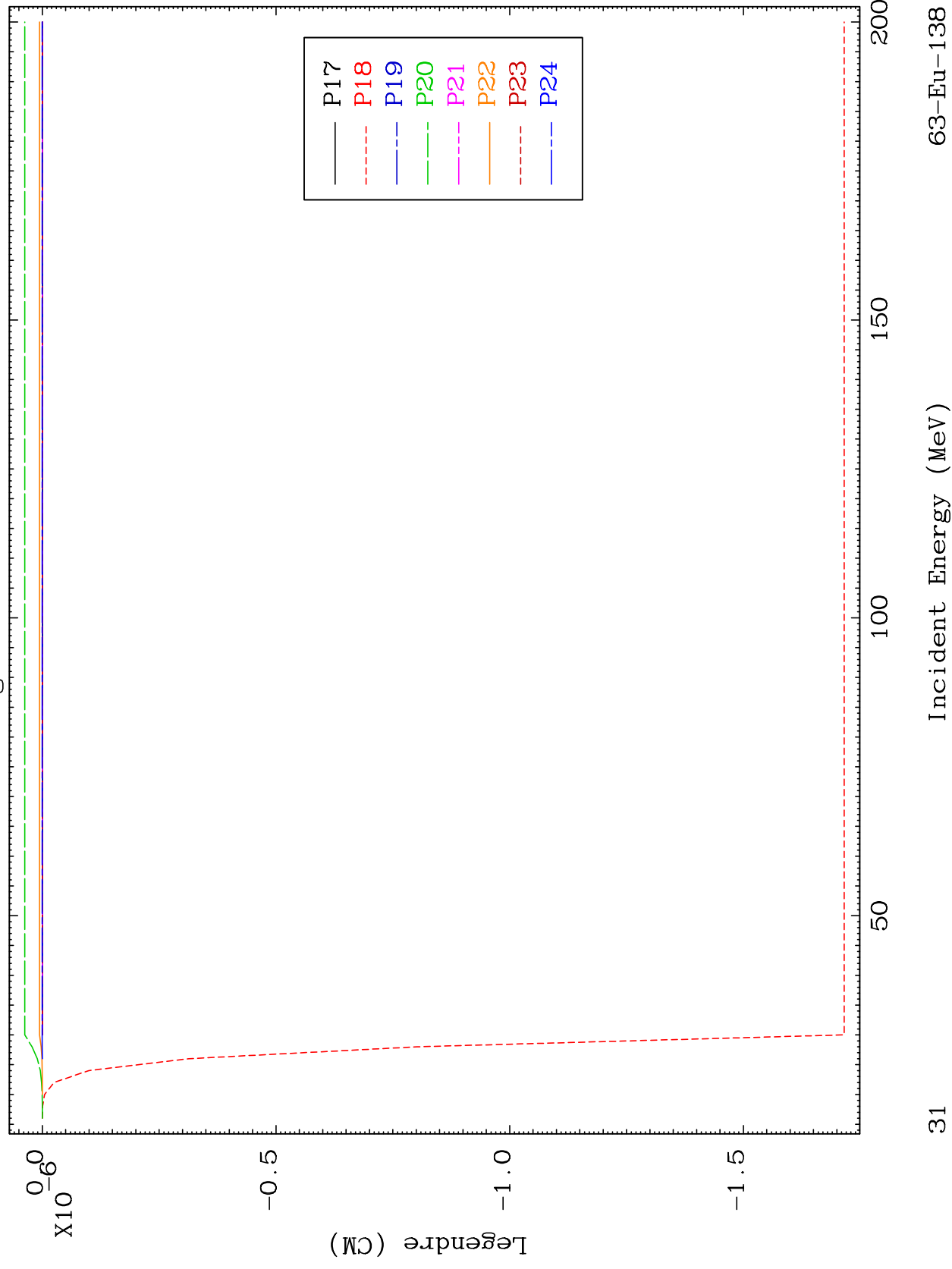
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MAT 6286

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

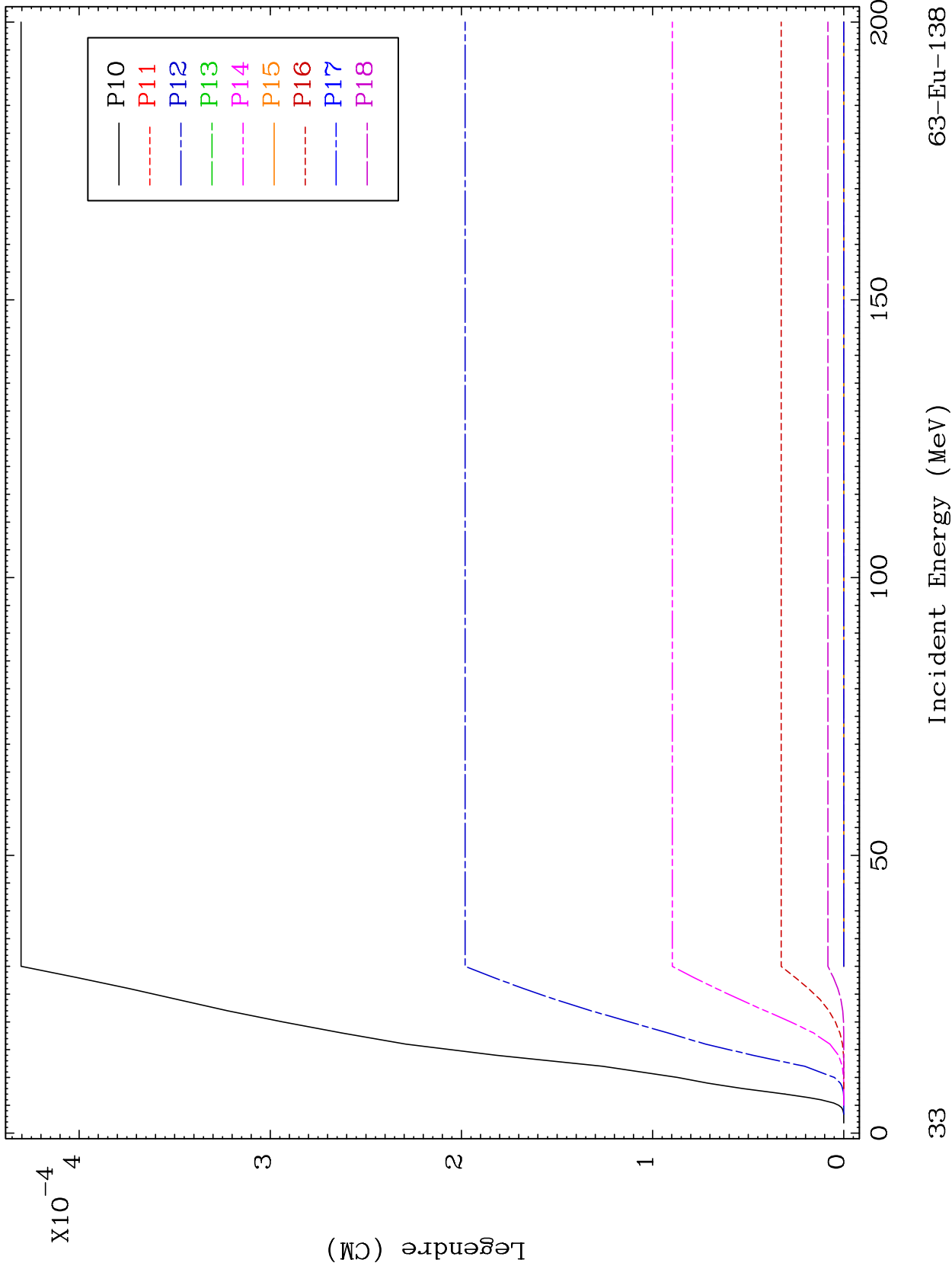
63-Eu-138



MAT 6286

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

63-Eu-138



33

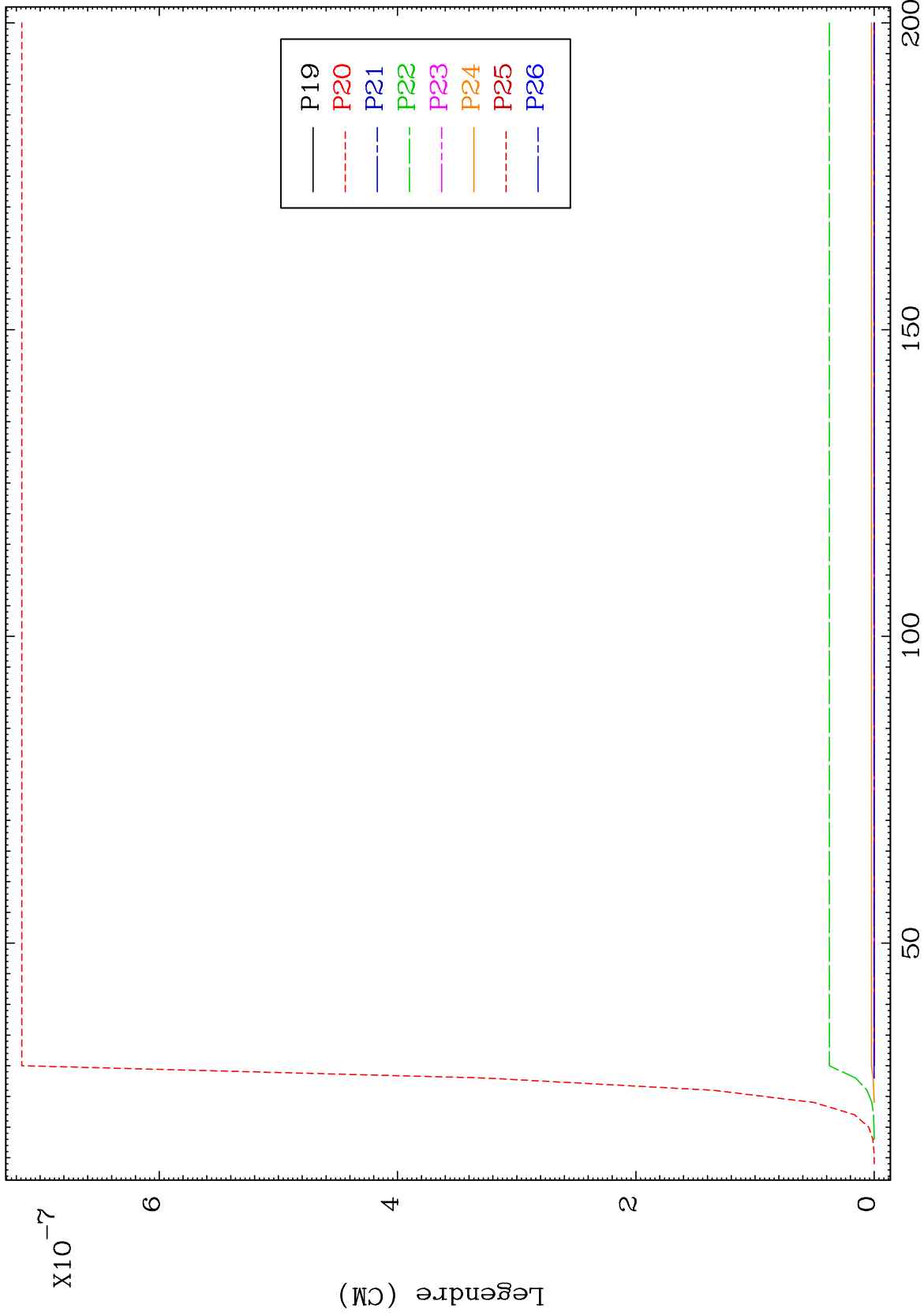
Incident Energy (MeV)

63-Eu-138

MAT 6286

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

63-Eu-138



34

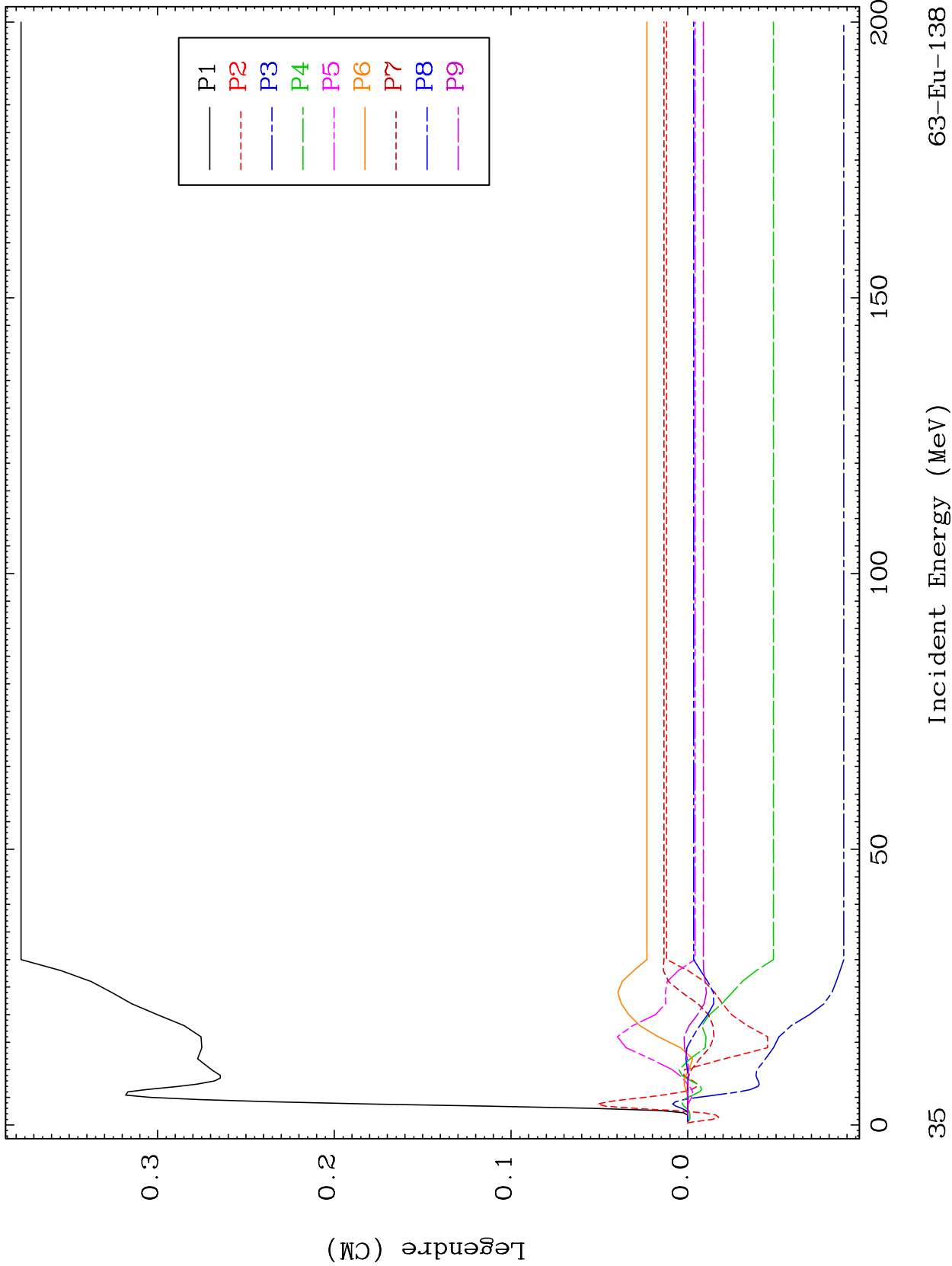
Incident Energy (MeV)

63-Eu-138

MAT 6286

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

63-Eu-138



63-Eu-138

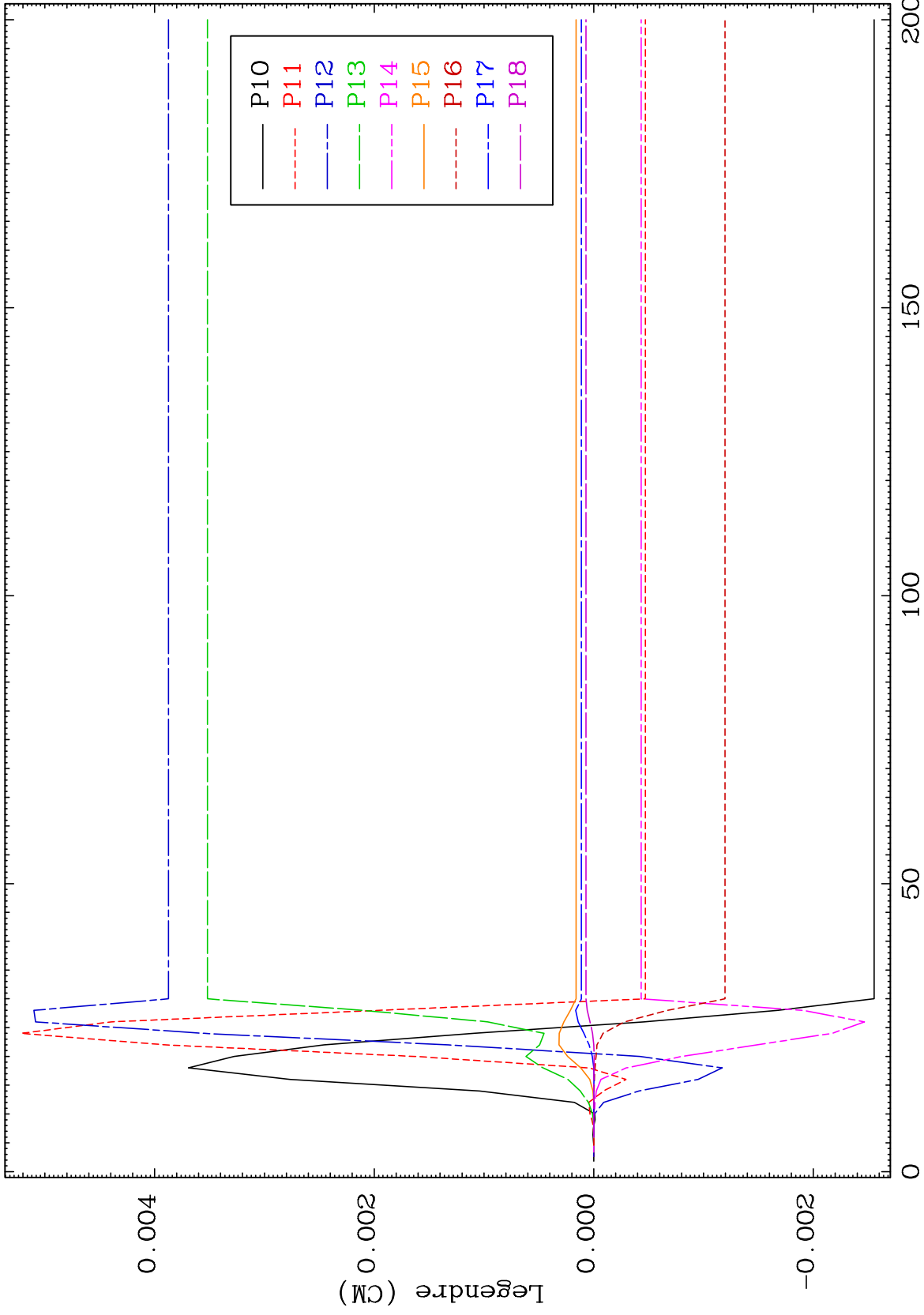
Incident Energy (MeV)

35

MAT 6286

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

63-Eu-138



36

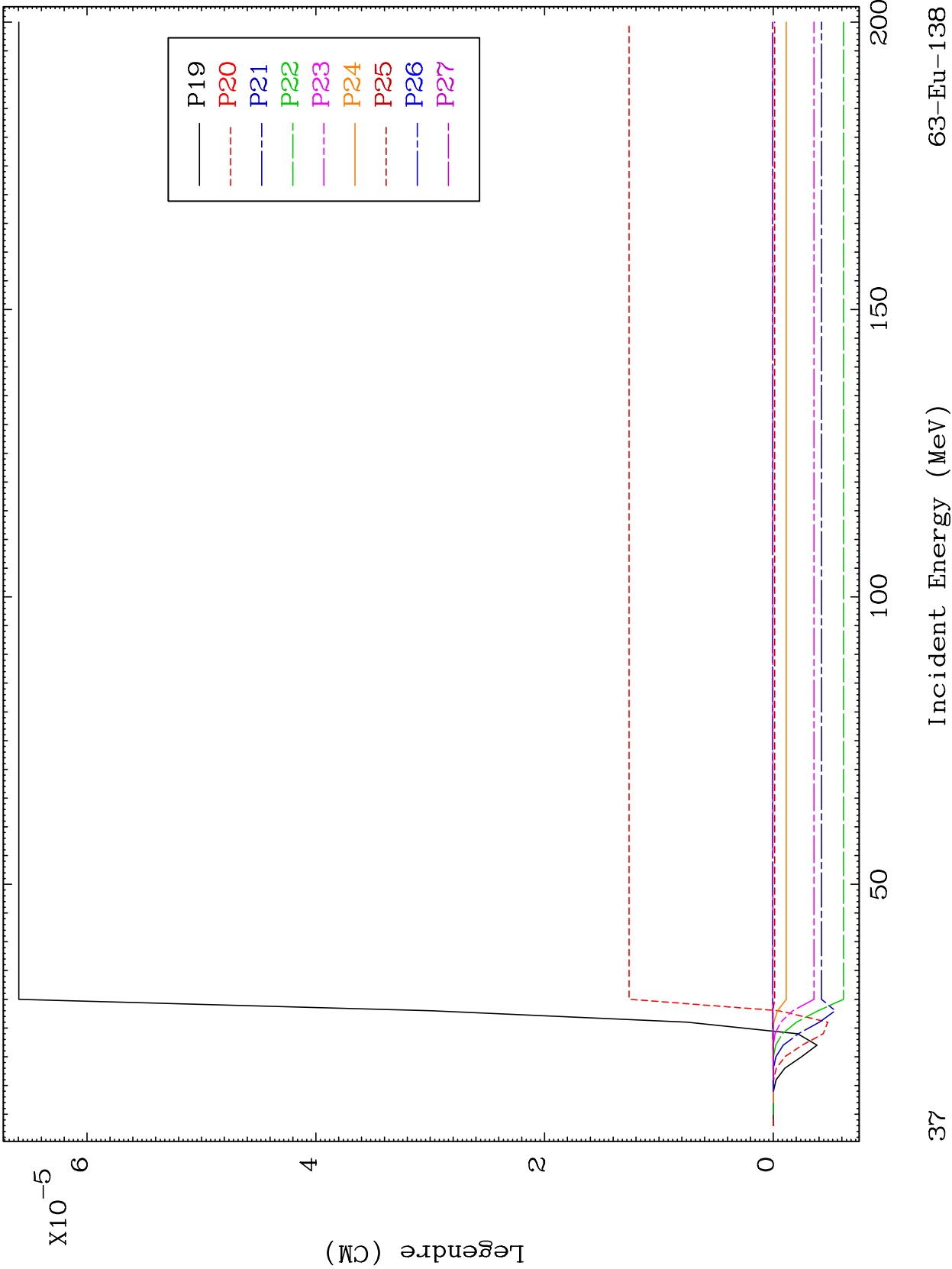
Incident Energy (MeV)

63-Eu-138

MAT 6286

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

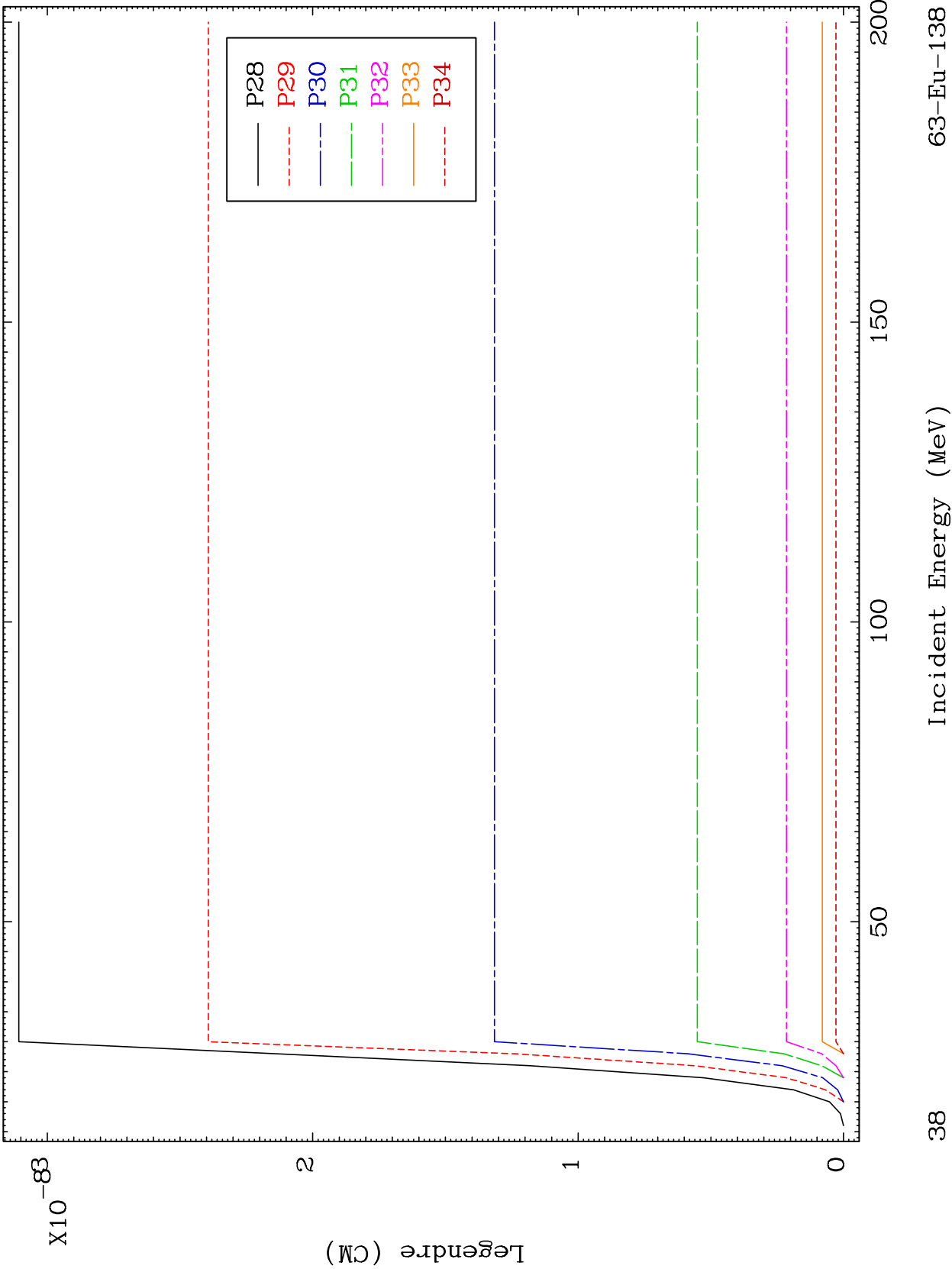
63-Eu-138



MAT 6286

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

63-Eu-138



38

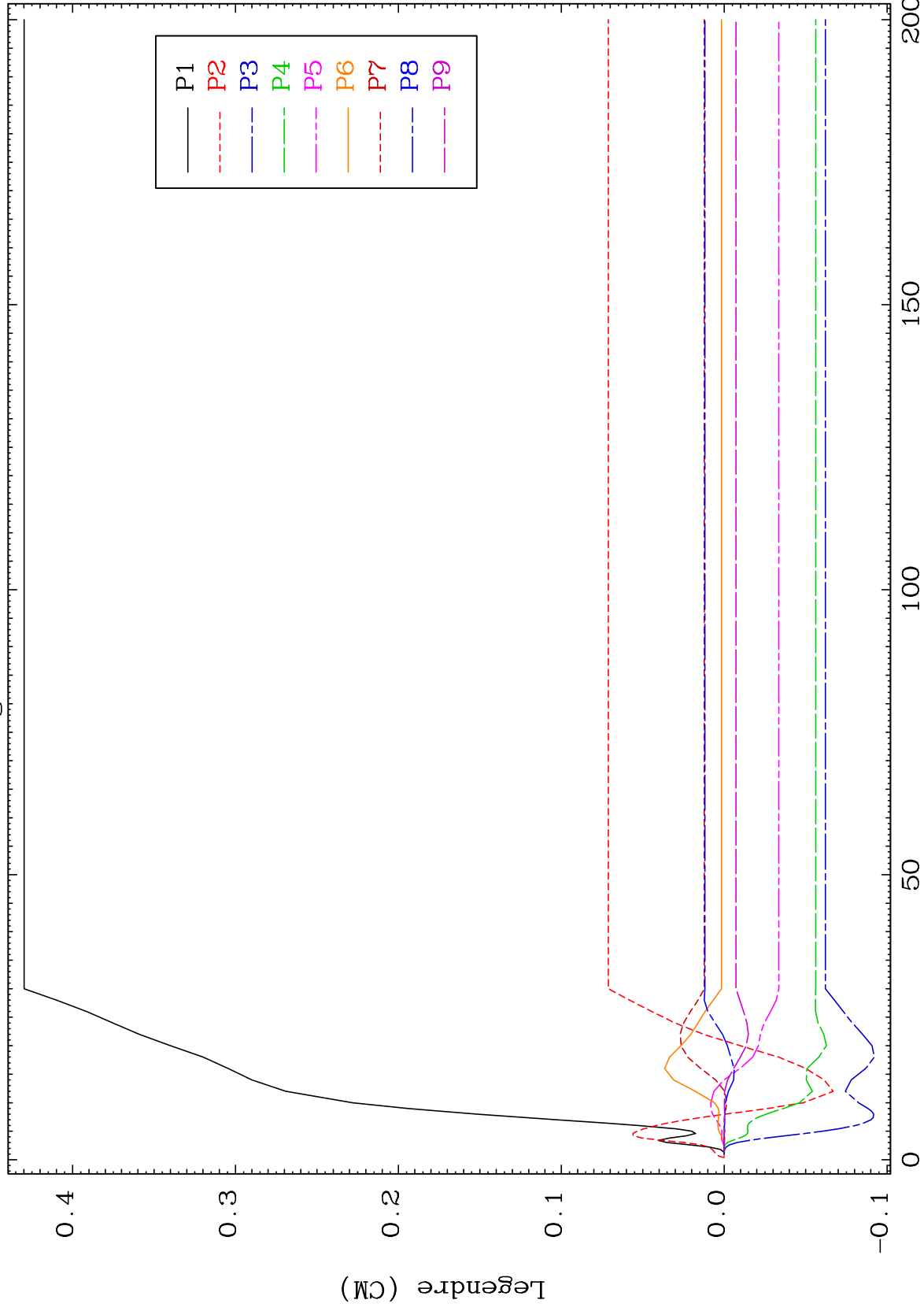
Incident Energy (MeV)

63-Eu-138

MAT 6286

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

63-Eu-138



63-Eu-138

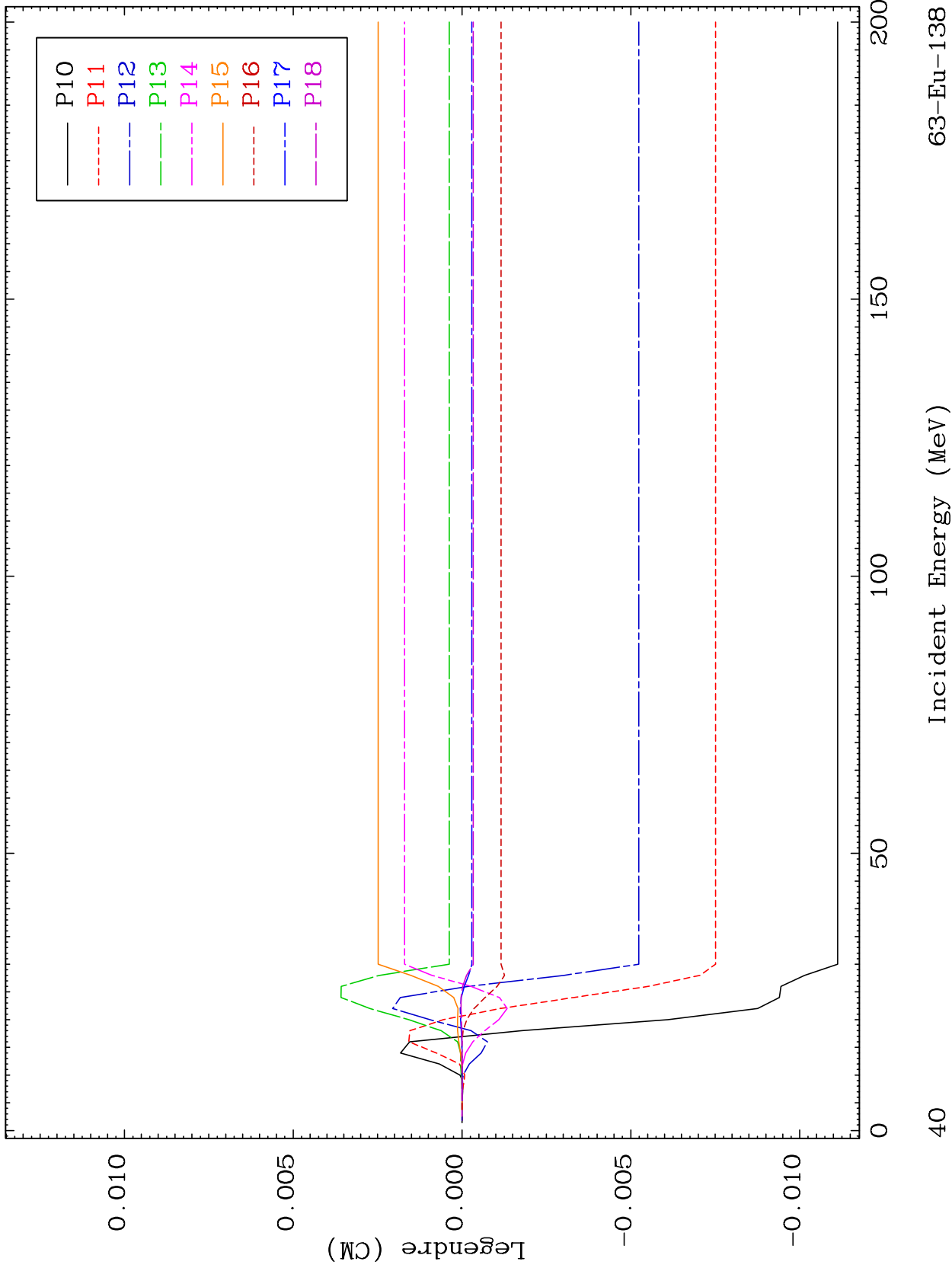
Incident Energy (MeV)

39

MAT 6286

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

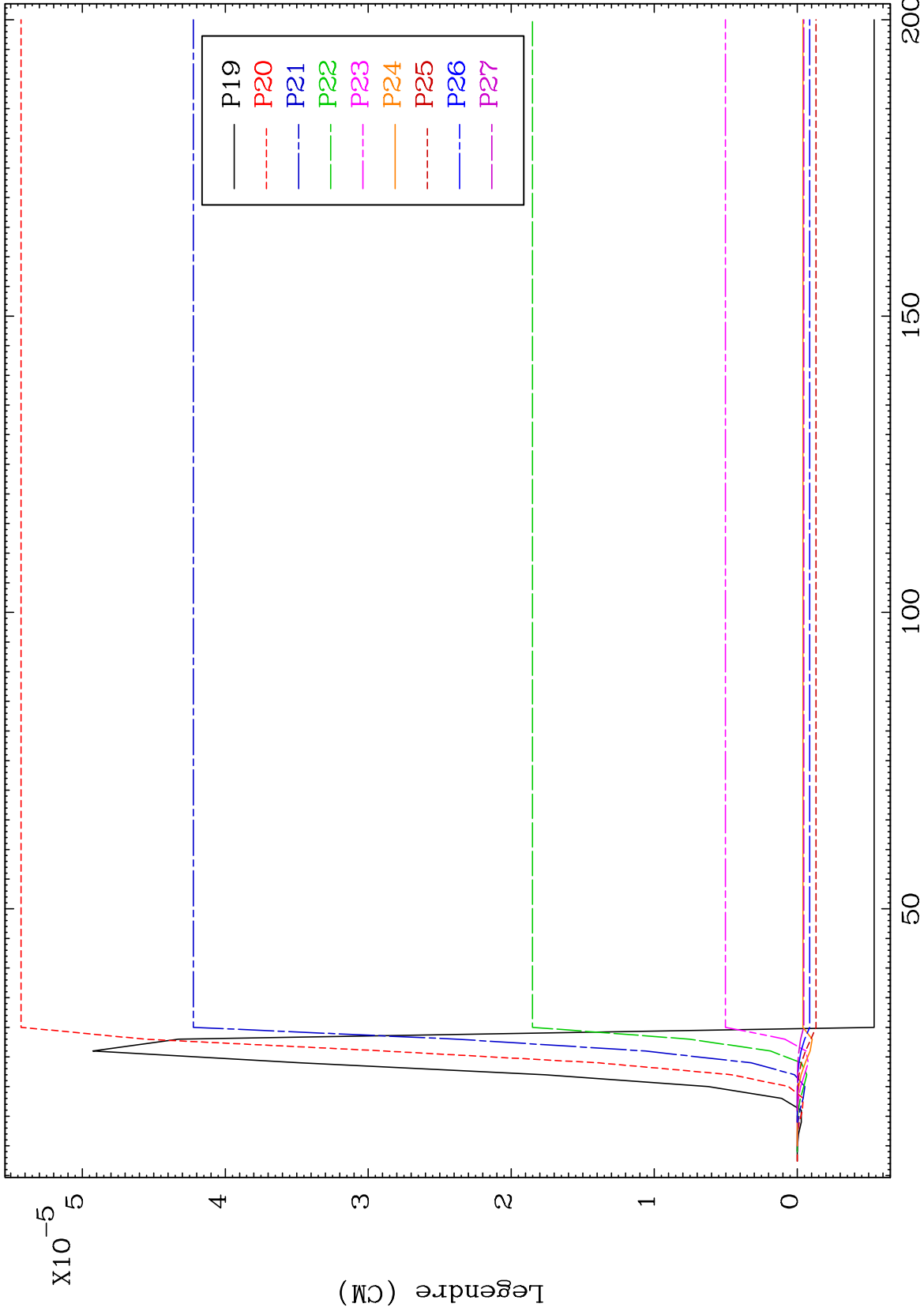
63-Eu-138



63-Eu-138

Incident Energy (MeV)

40

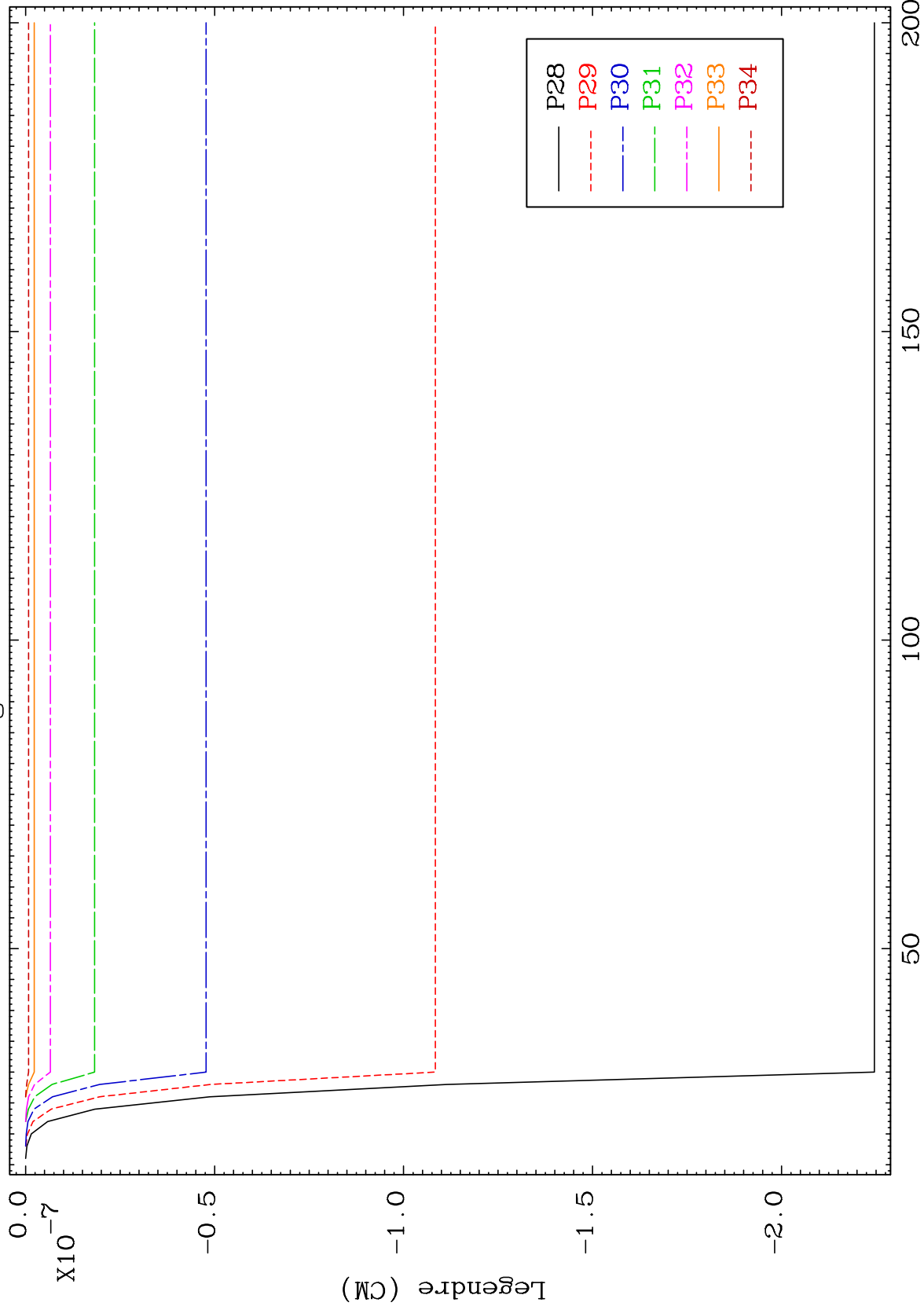


MAT 6286

MT= 56 (n,n') Level

63-Eu-138

Legendre Coefficients



42

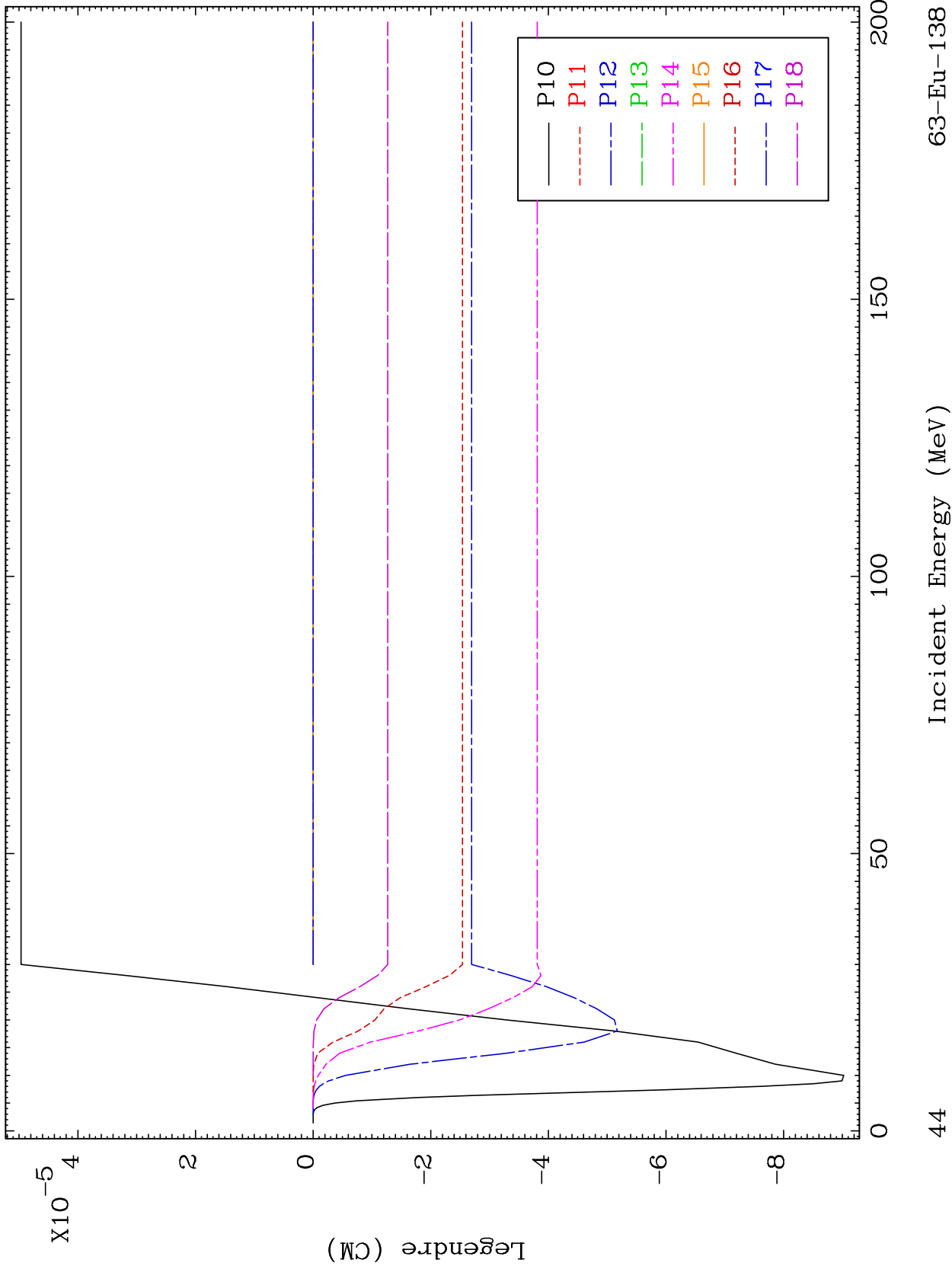
Incident Energy (MeV)

63-Eu-138

MAT 6286

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

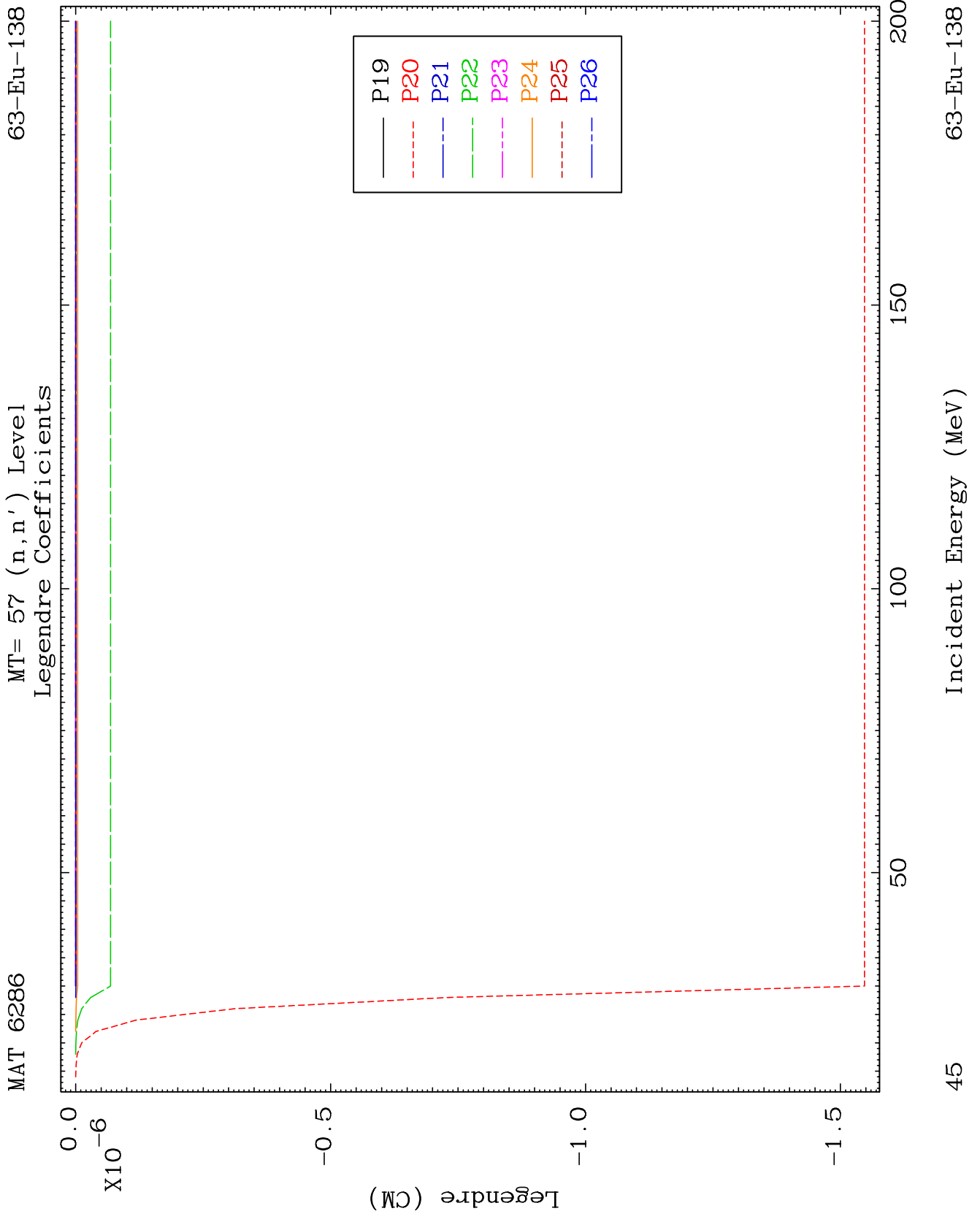
63-Eu-138



63-Eu-138

Incident Energy (MeV)

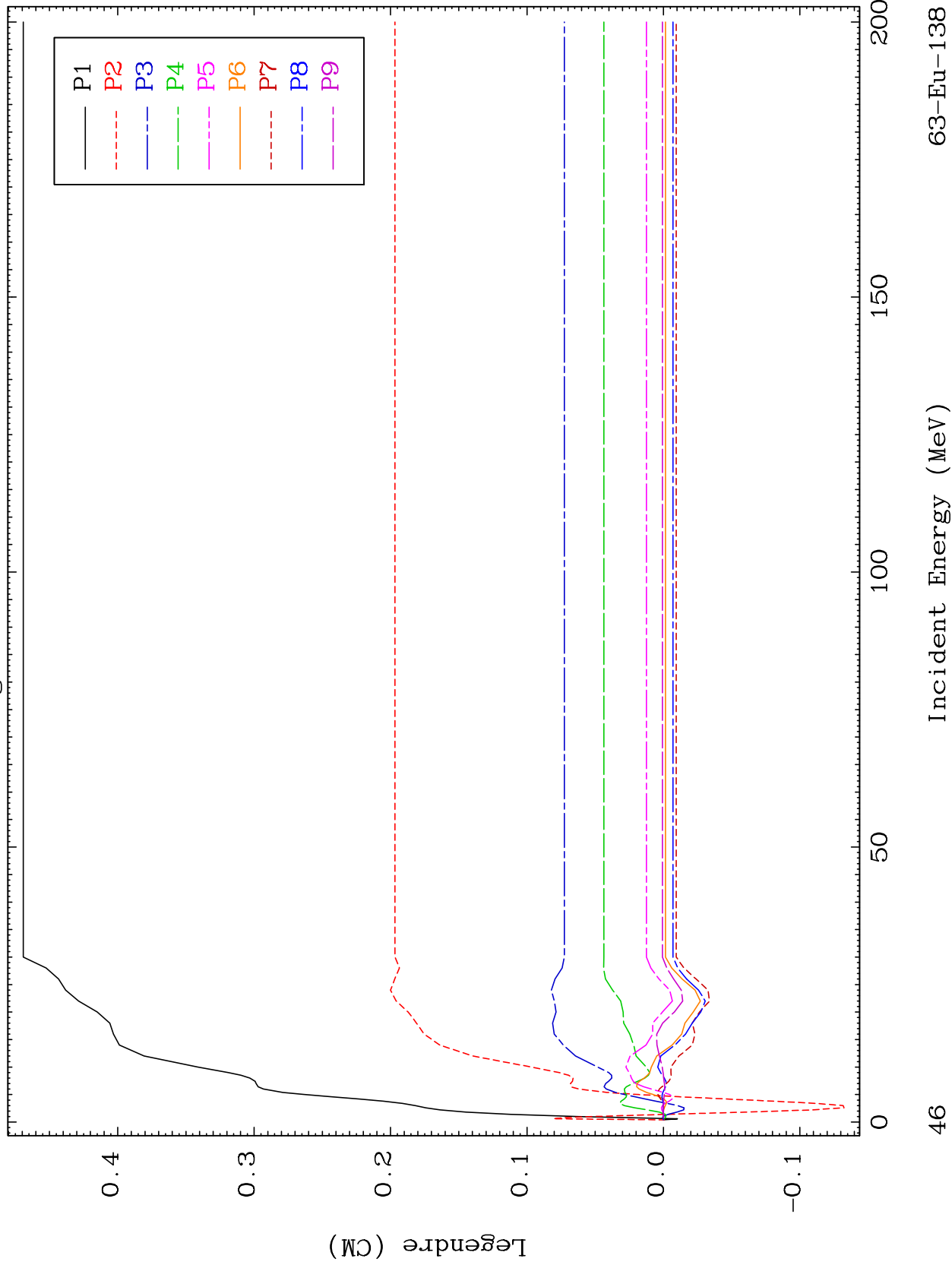
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MAT 6286

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

63-Eu-138



63-Eu-138

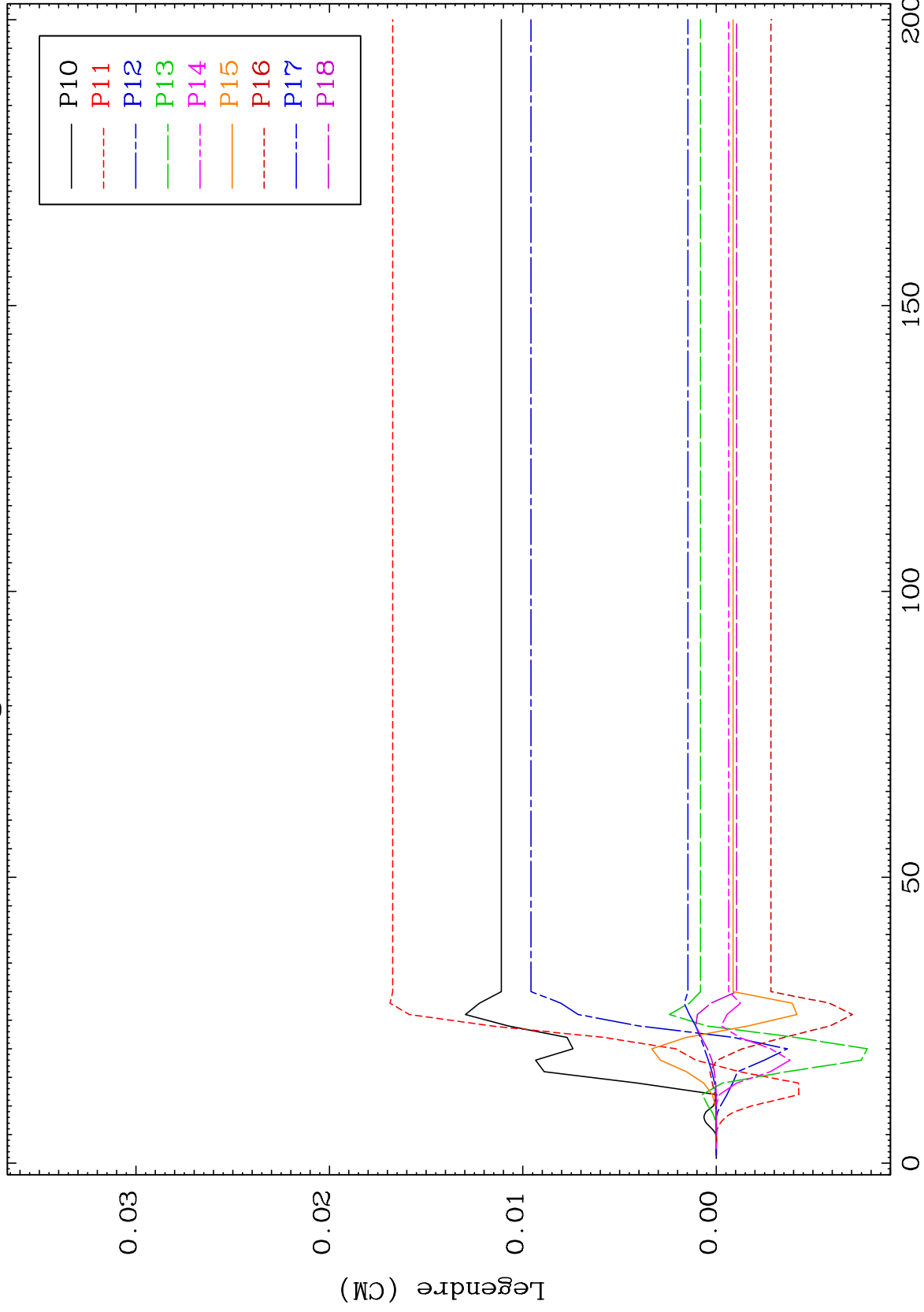
Incident Energy (MeV)

46

MAT 6286

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

63-Eu-138



47

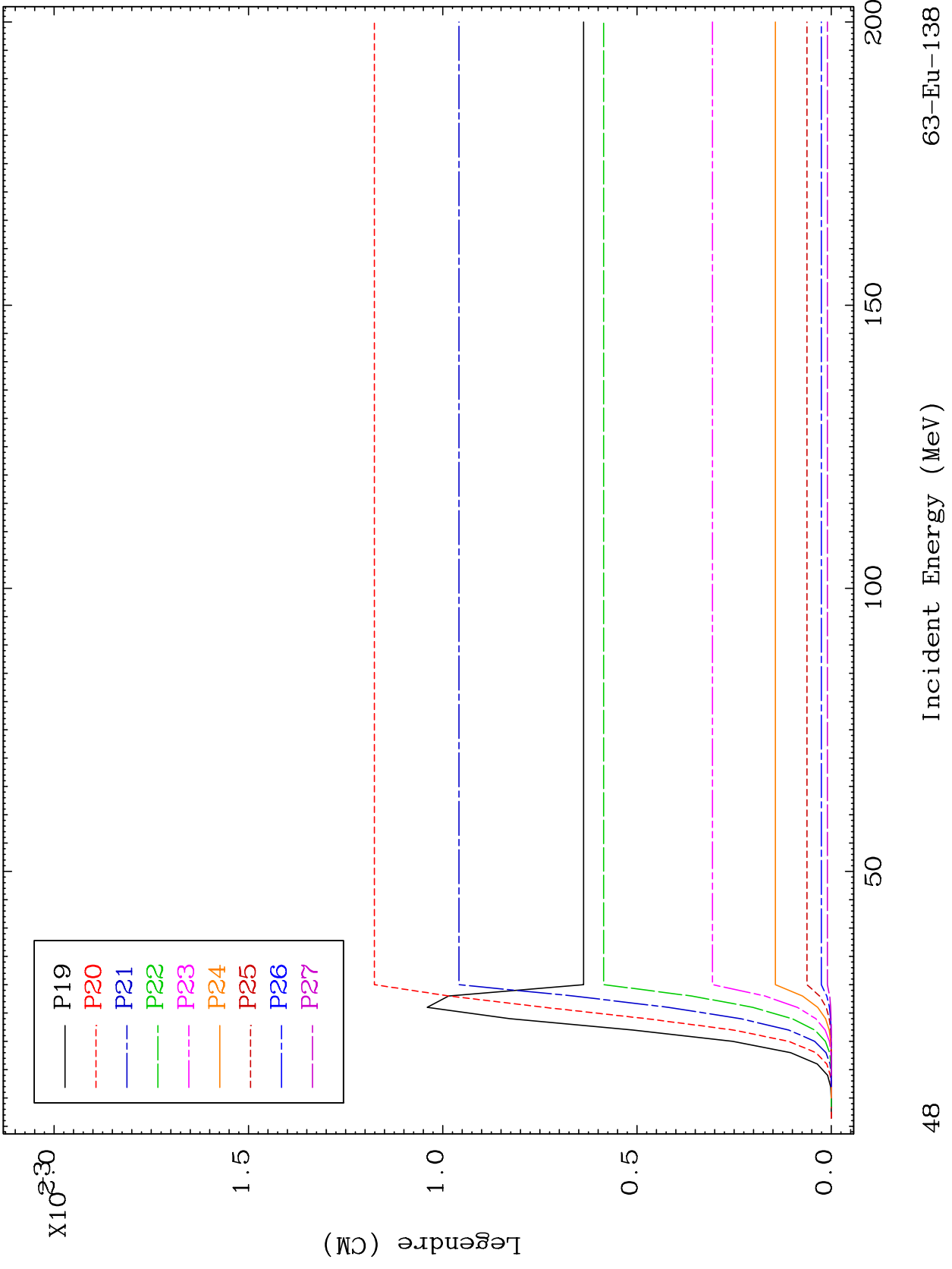
Incident Energy (MeV)

63-Eu-138

MAT 6286

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

63-Eu-138



48

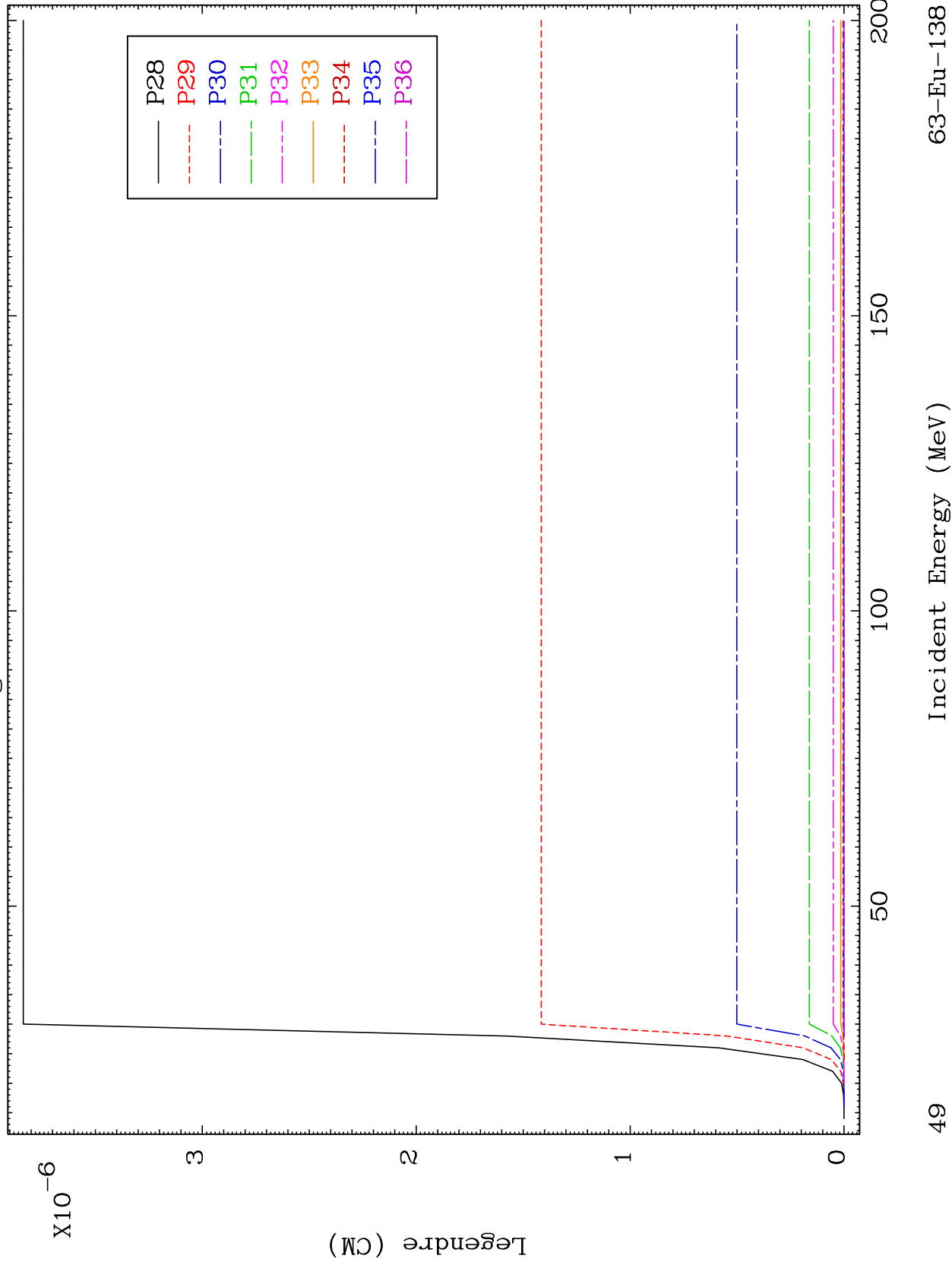
Incident Energy (MeV)

63-Eu-138

MAT 6286

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

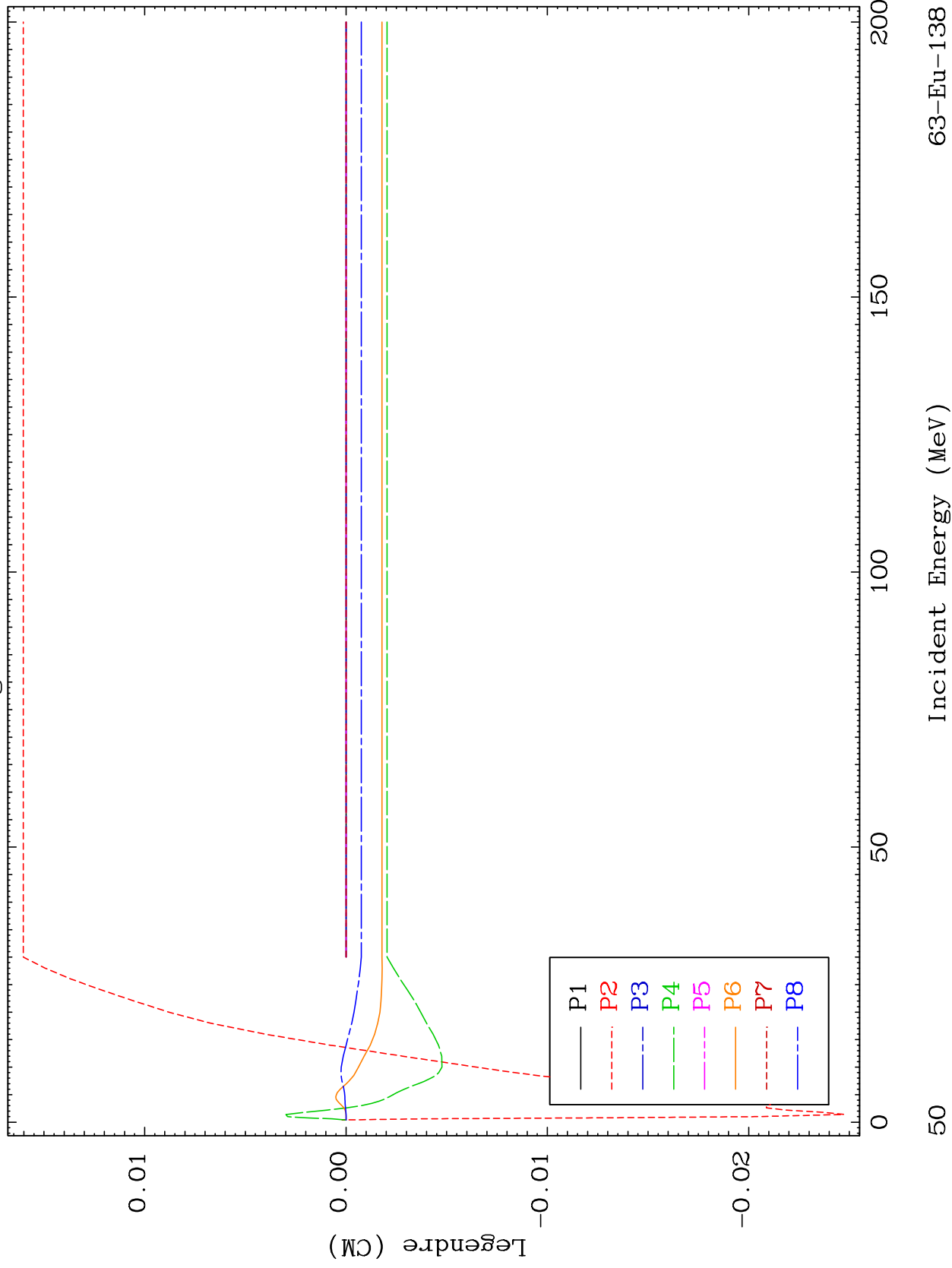
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MAT 6286

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

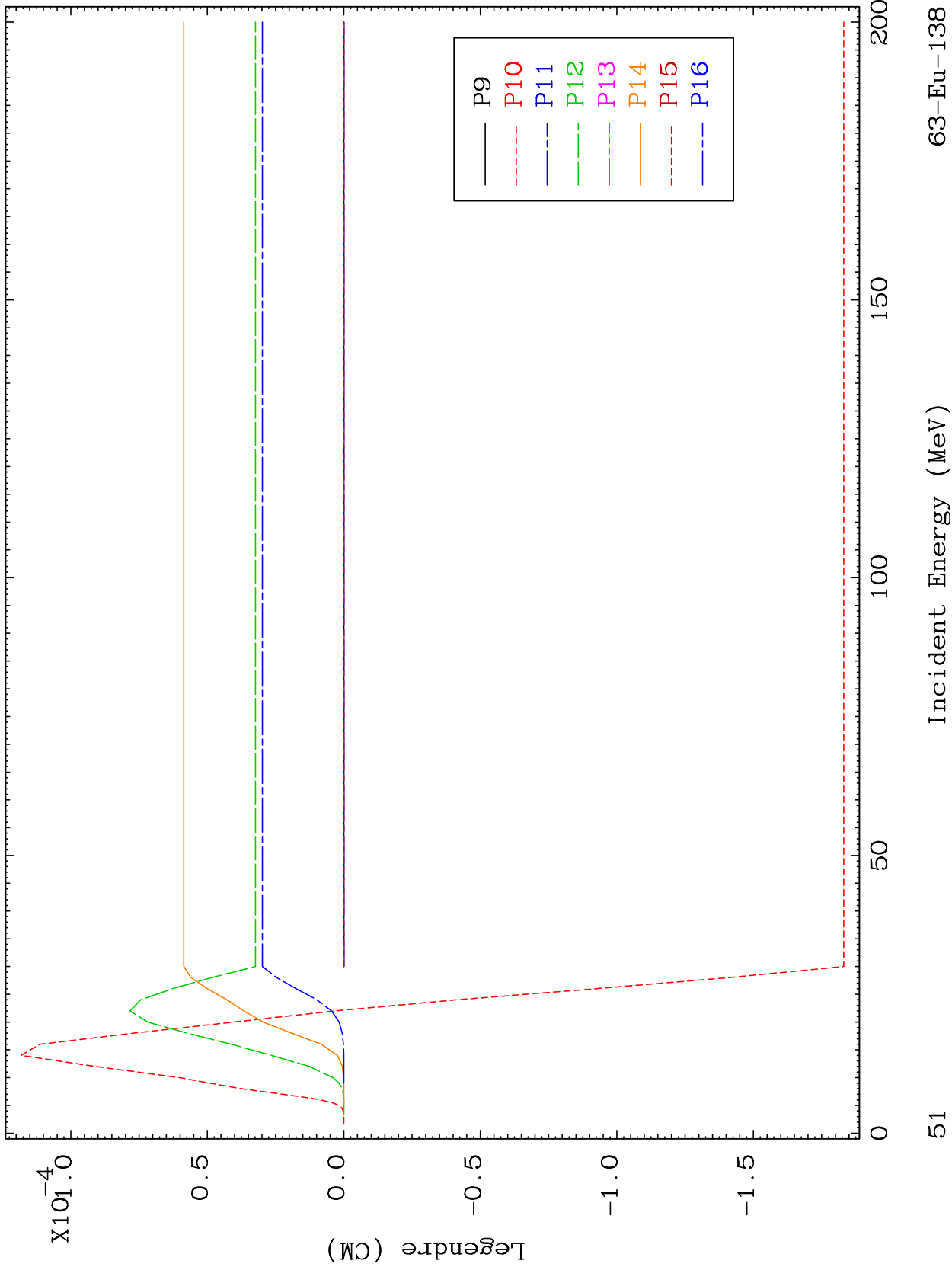
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63-Eu-138

Incident Energy (MeV)

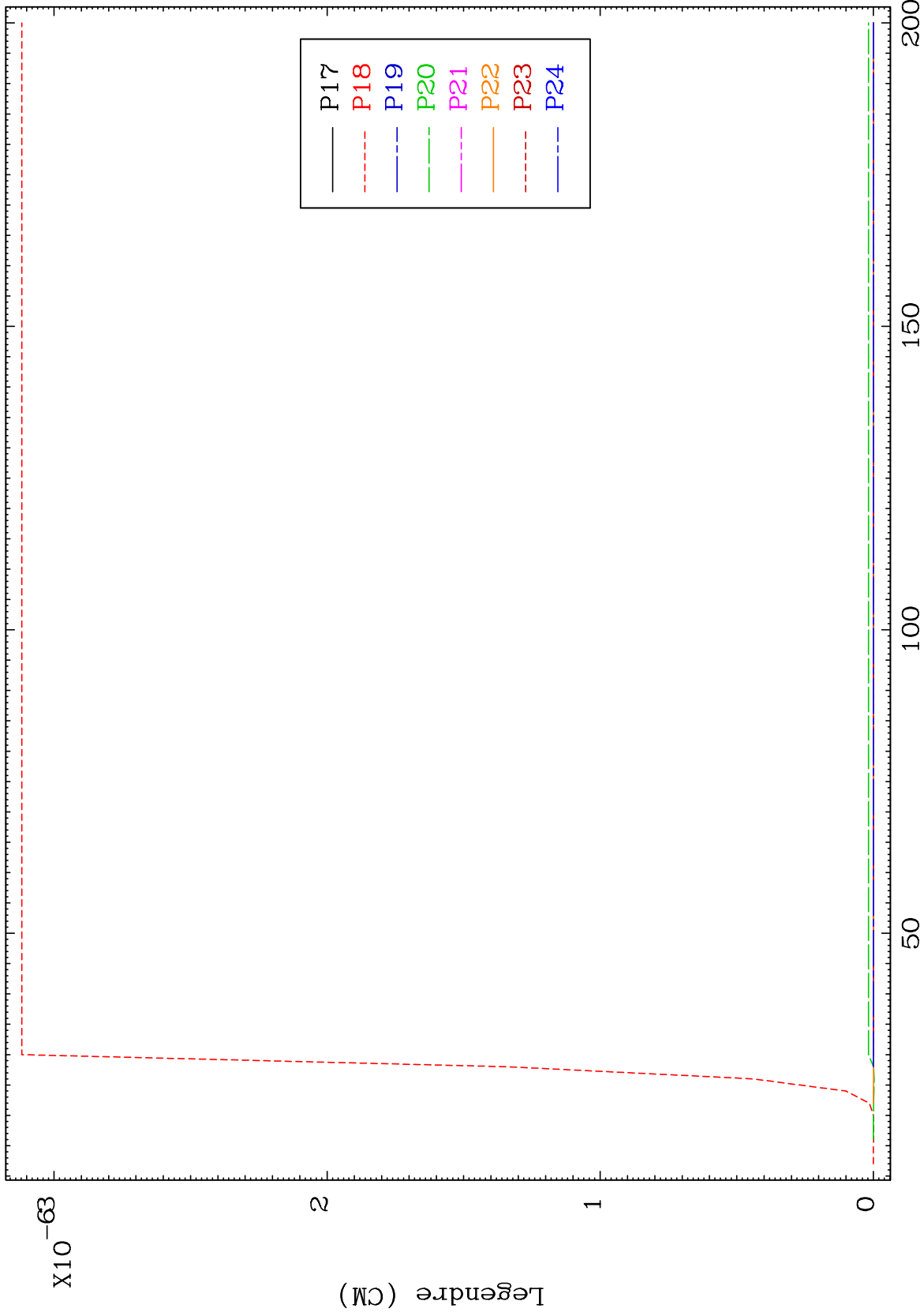
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MAT 6286

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

63-Eu-138



52

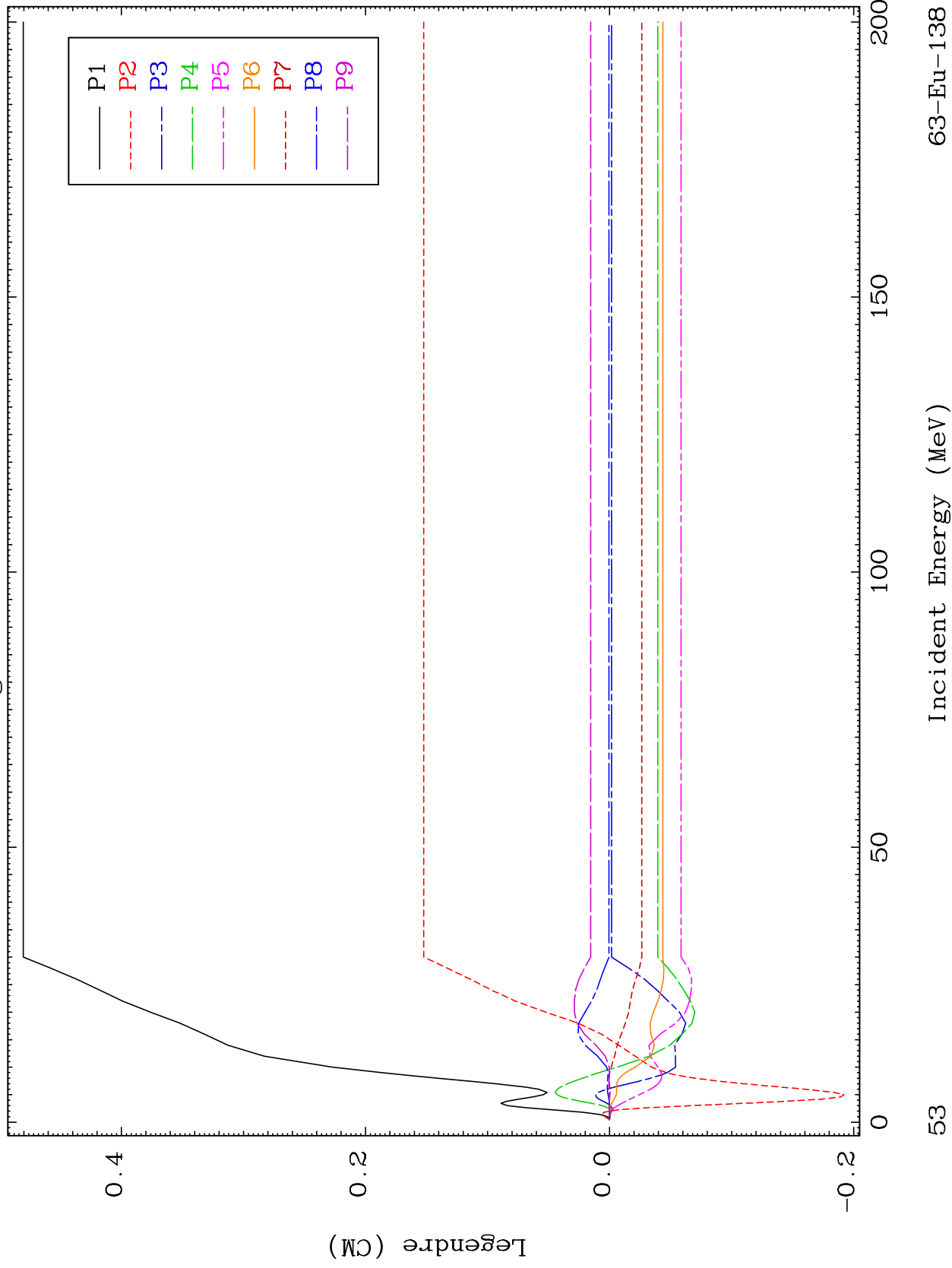
Incident Energy (MeV)

63-Eu-138

MAT 6286

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

63-Eu-138



63-Eu-138

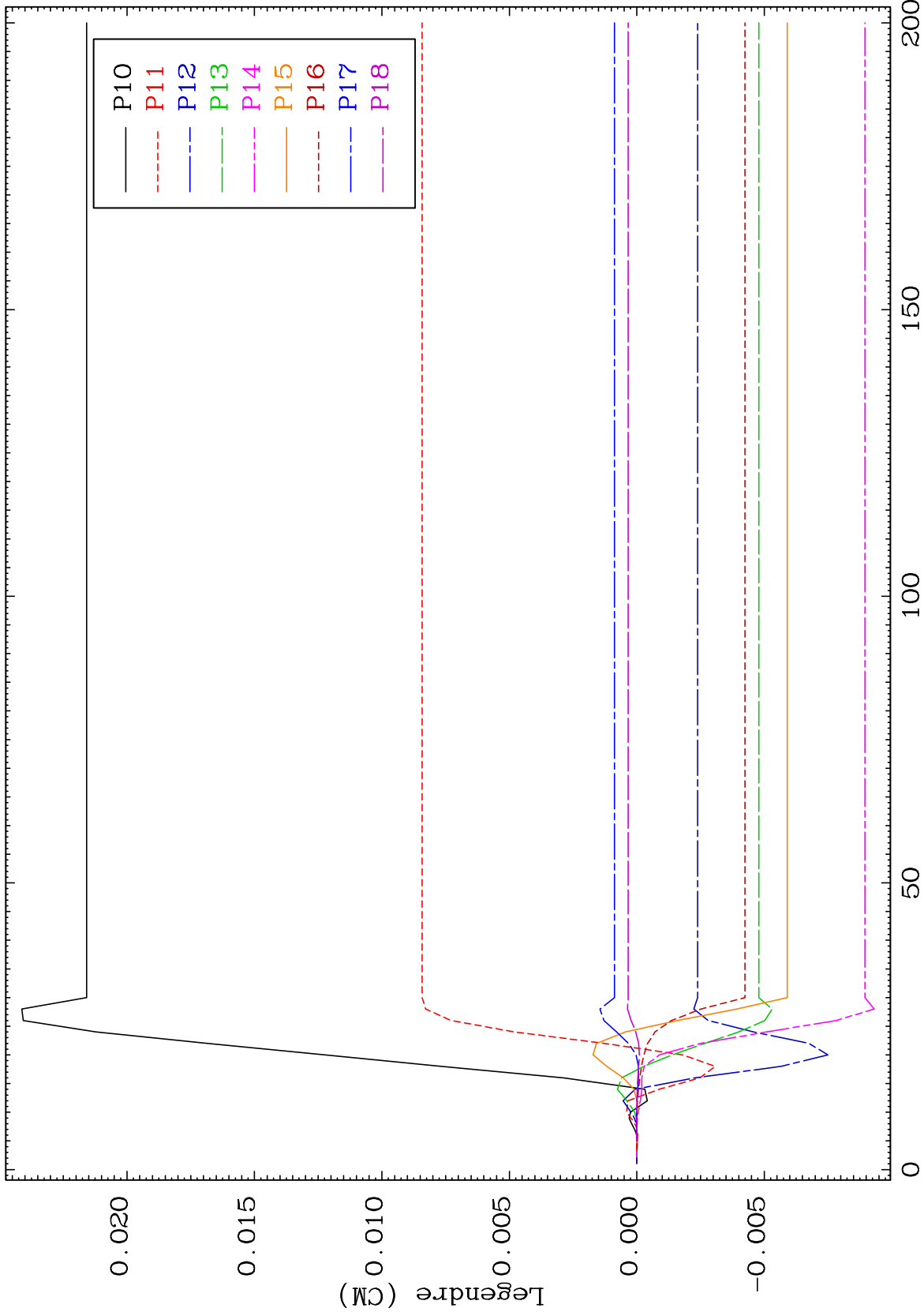
Incident Energy (MeV)

53

MAT 6286

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

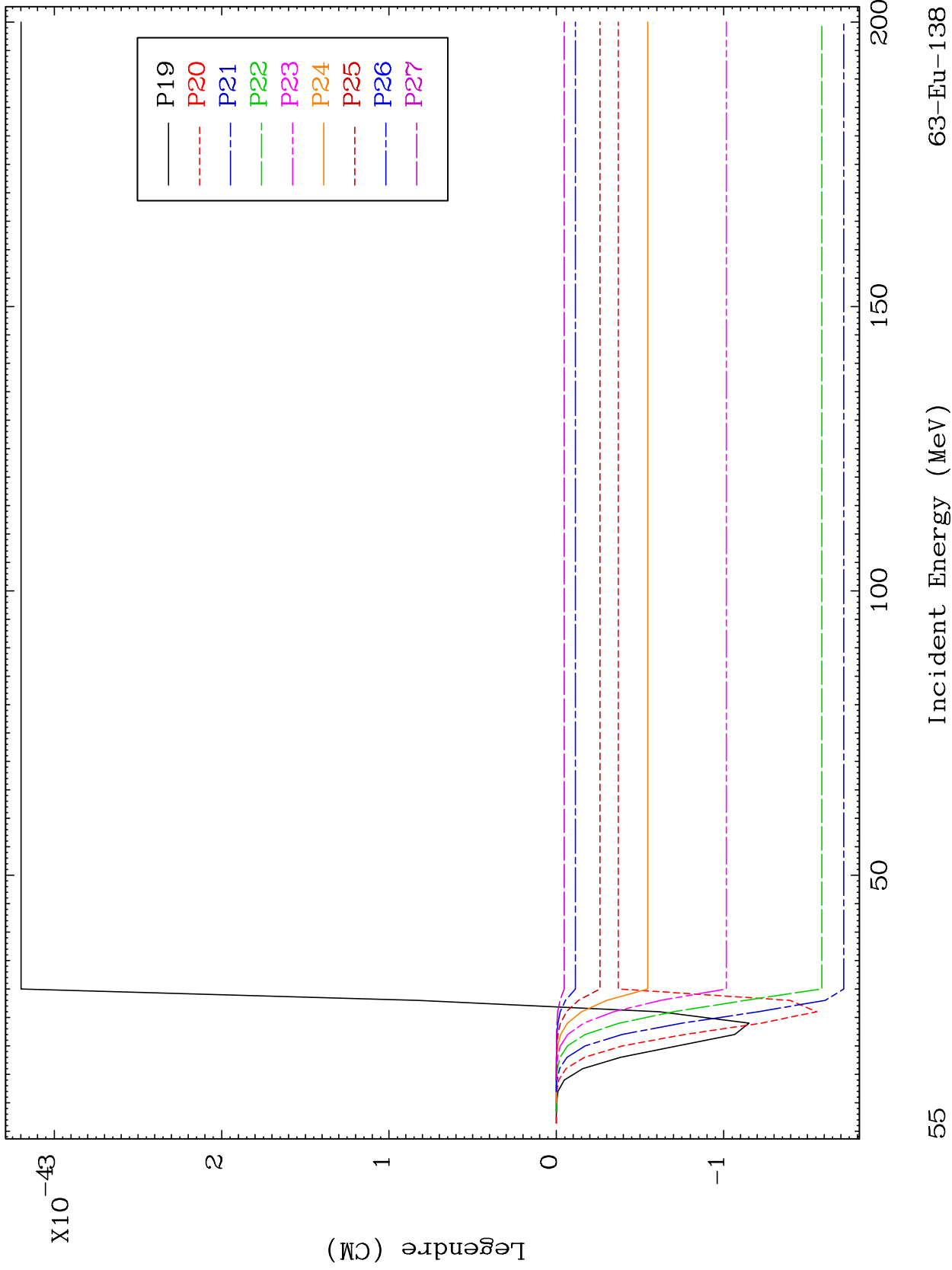
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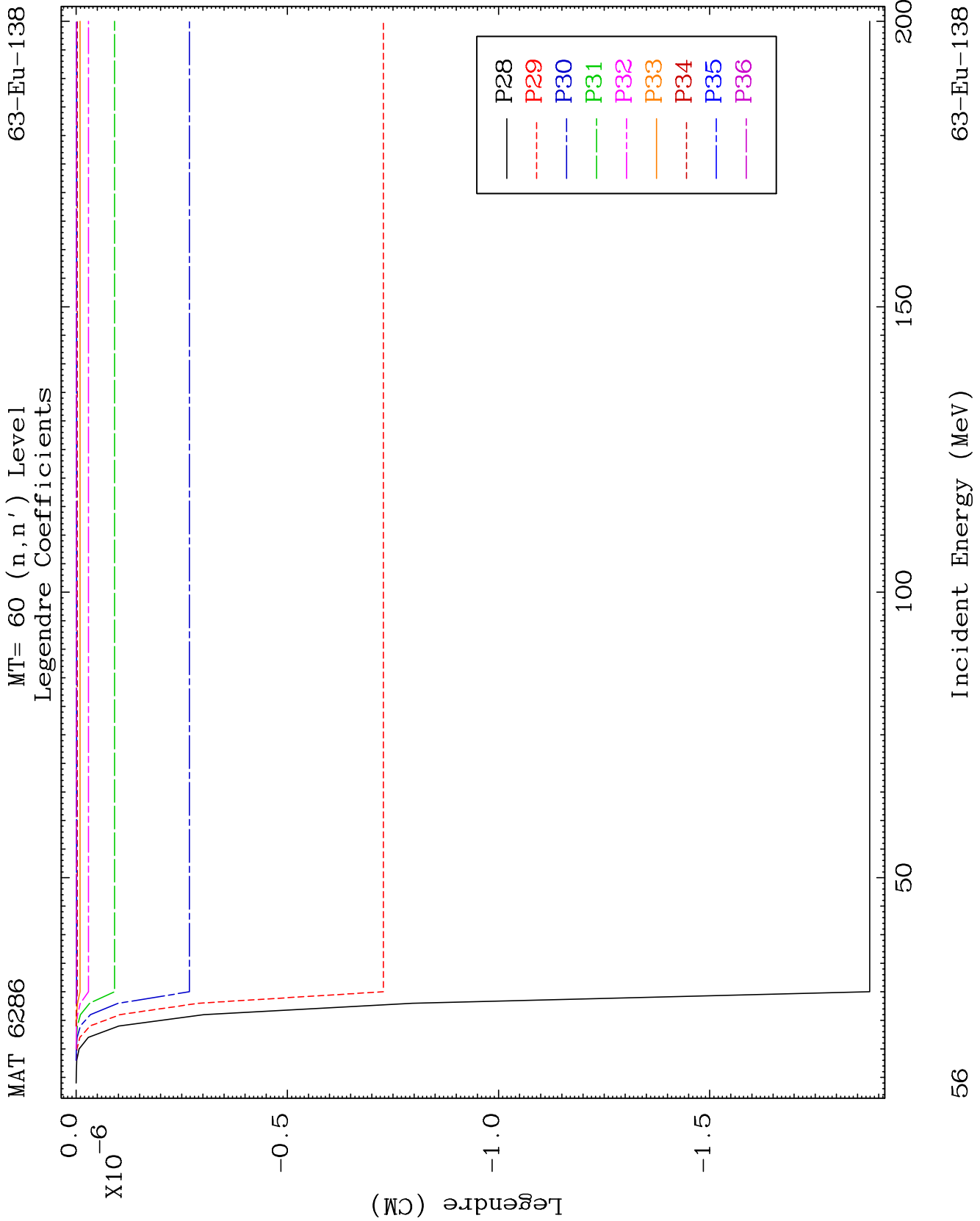


54

Incident Energy (MeV)

63-Eu-138

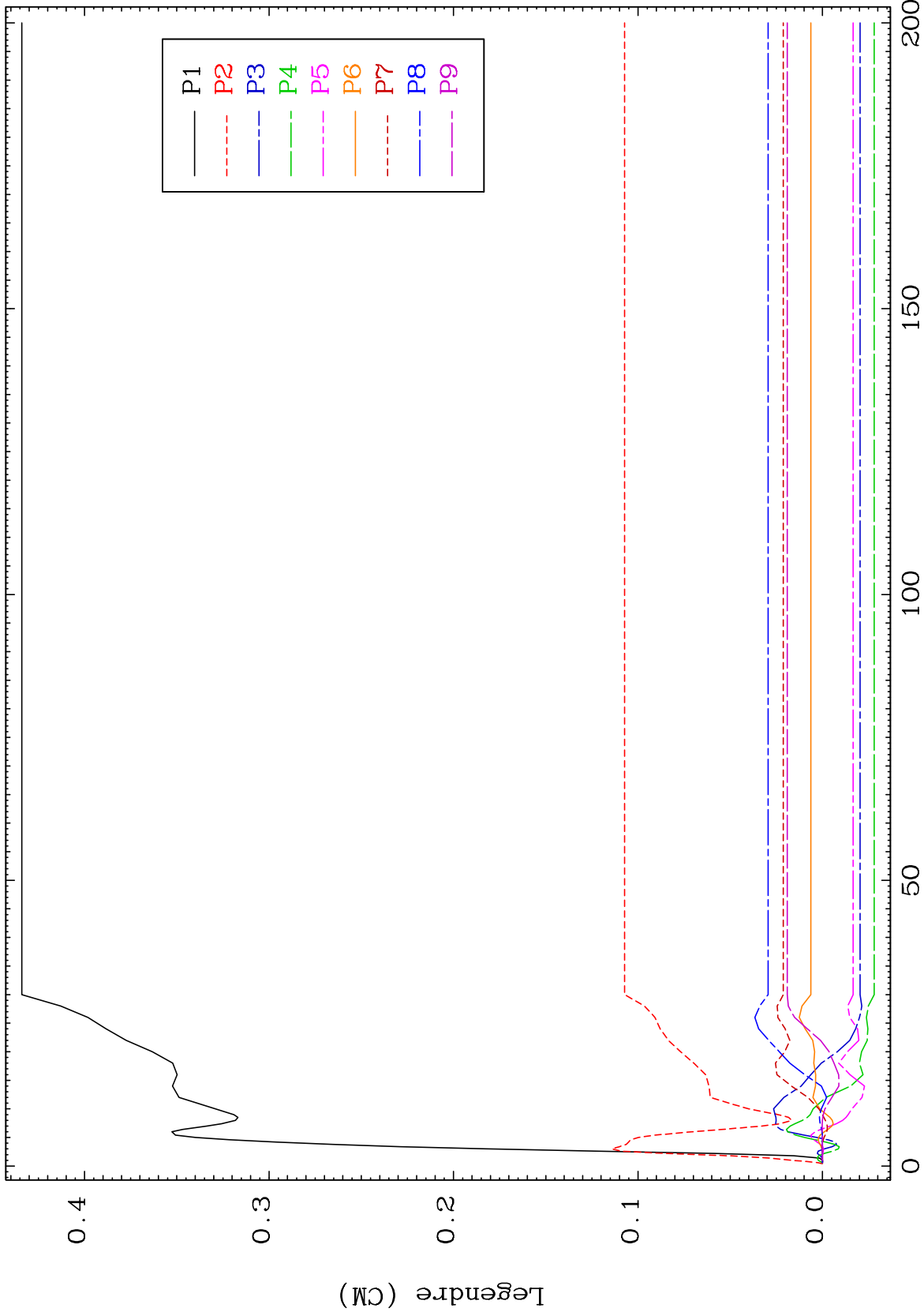




MAT 6286

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

63-Eu-138



57

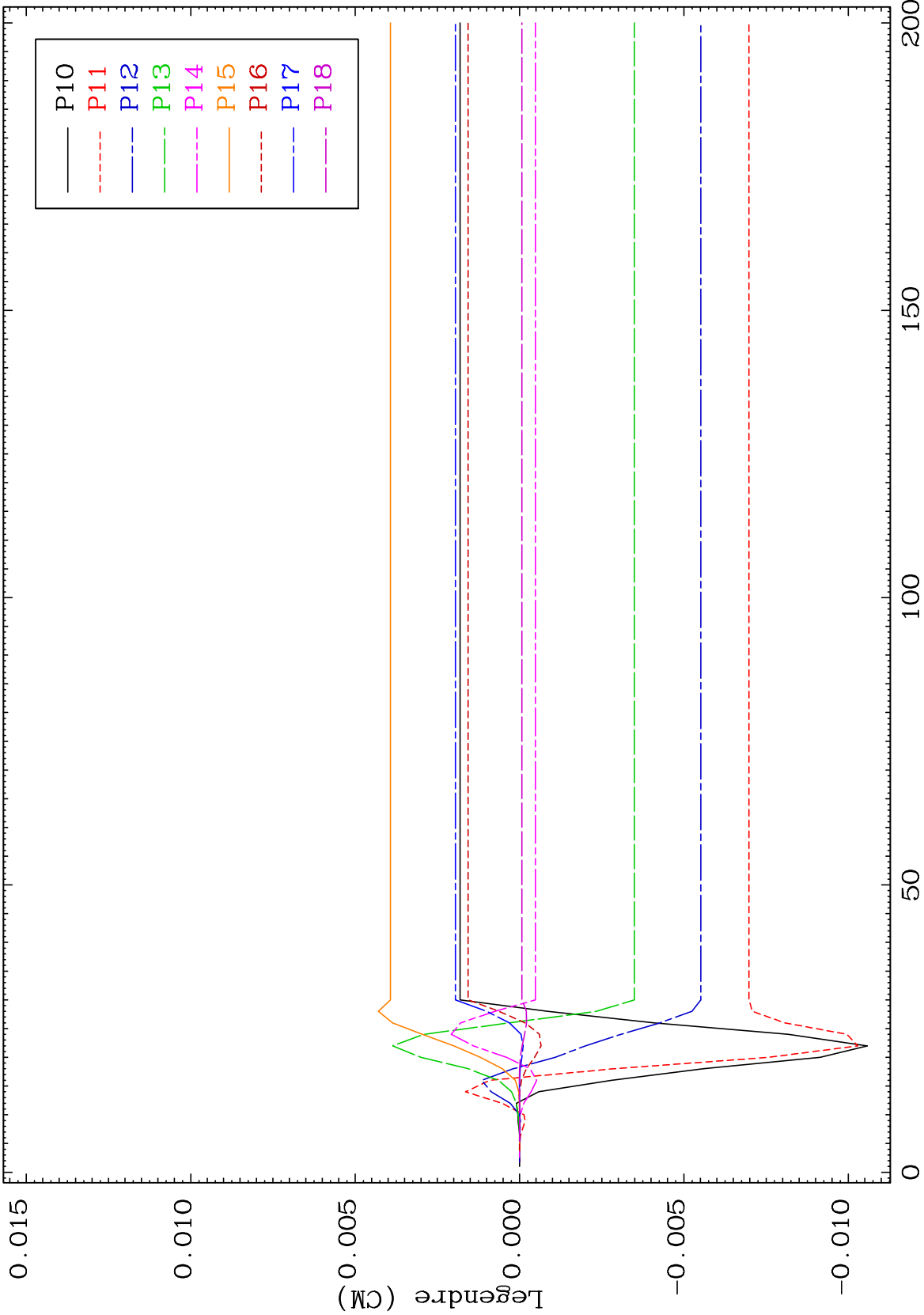
Incident Energy (MeV)

63-Eu-138

MAT 6286

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

63-Eu-138



58

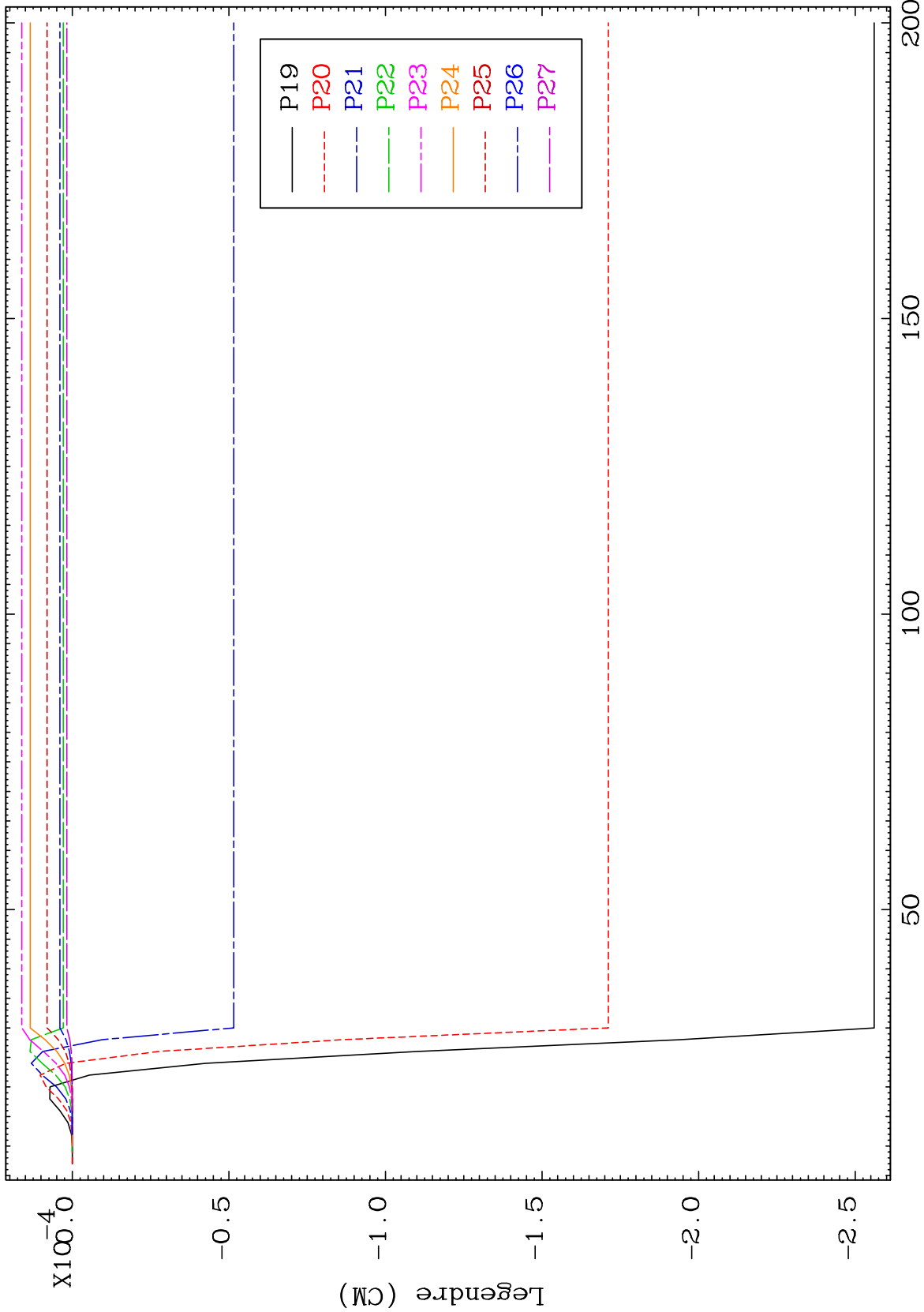
Incident Energy (MeV)

63-Eu-138

MAT 6286

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

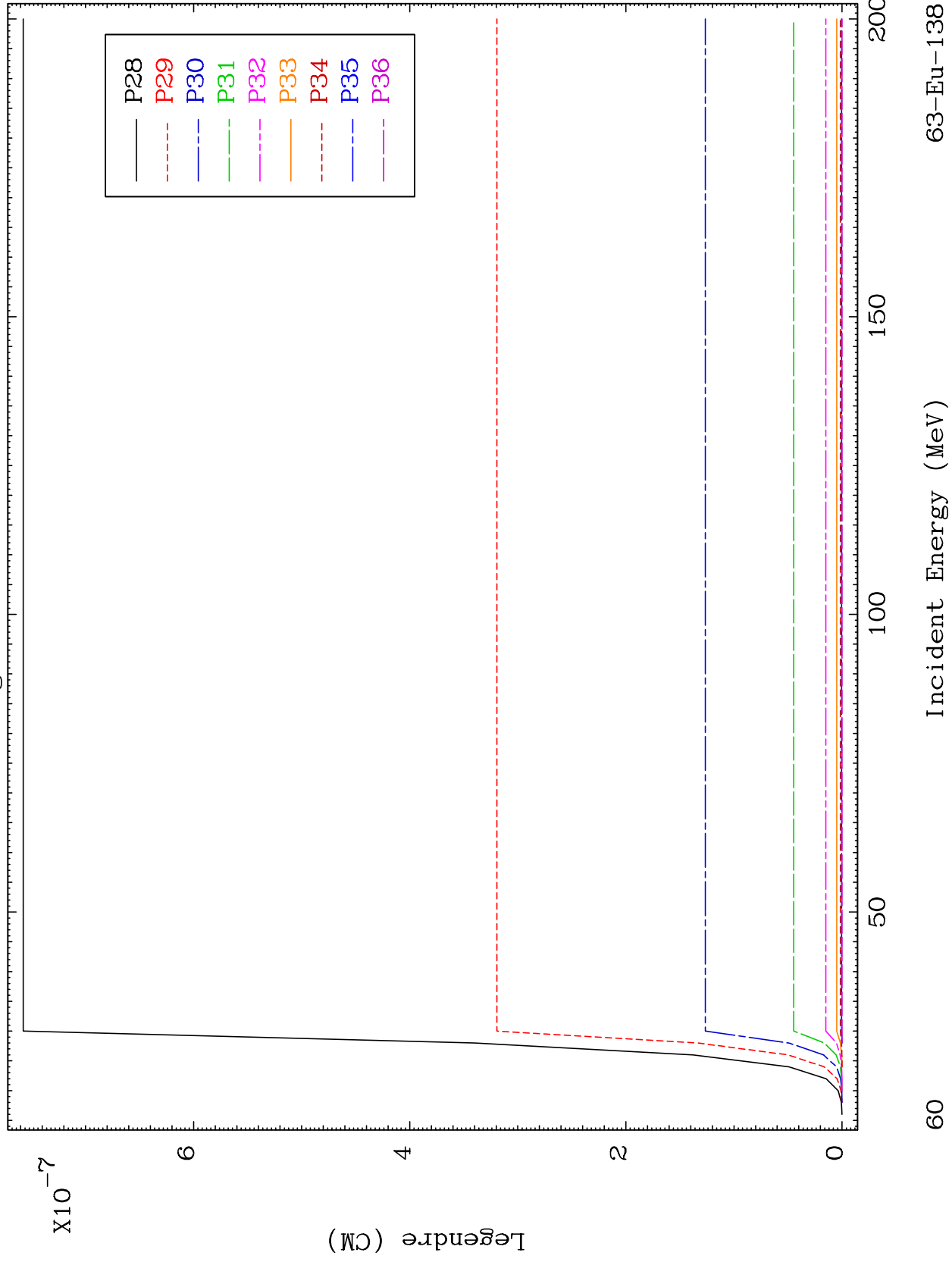
63-Eu-138



MAT 6286

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

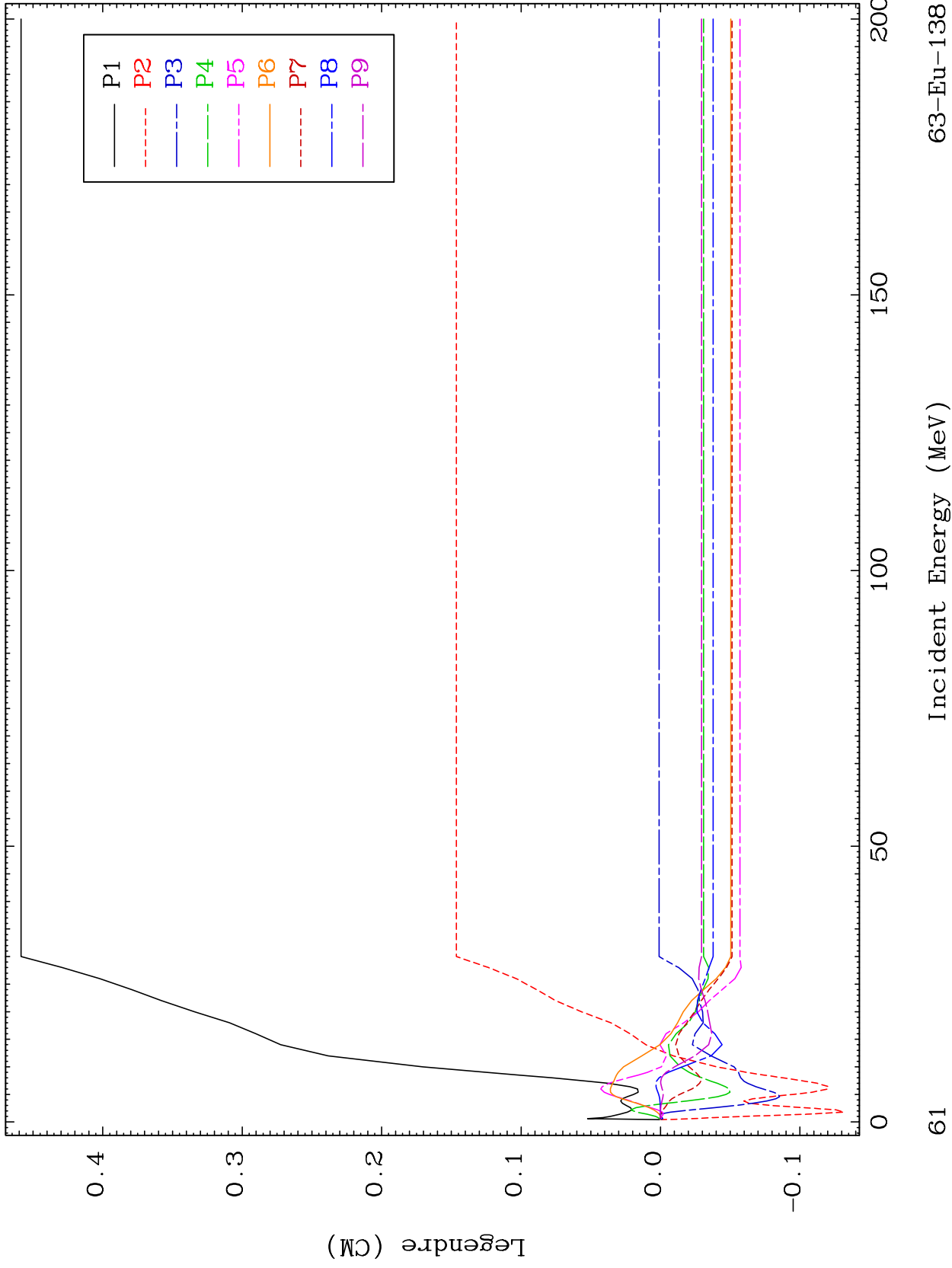
63-Eu-138



MAT 6286

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

63-Eu-138



63-Eu-138

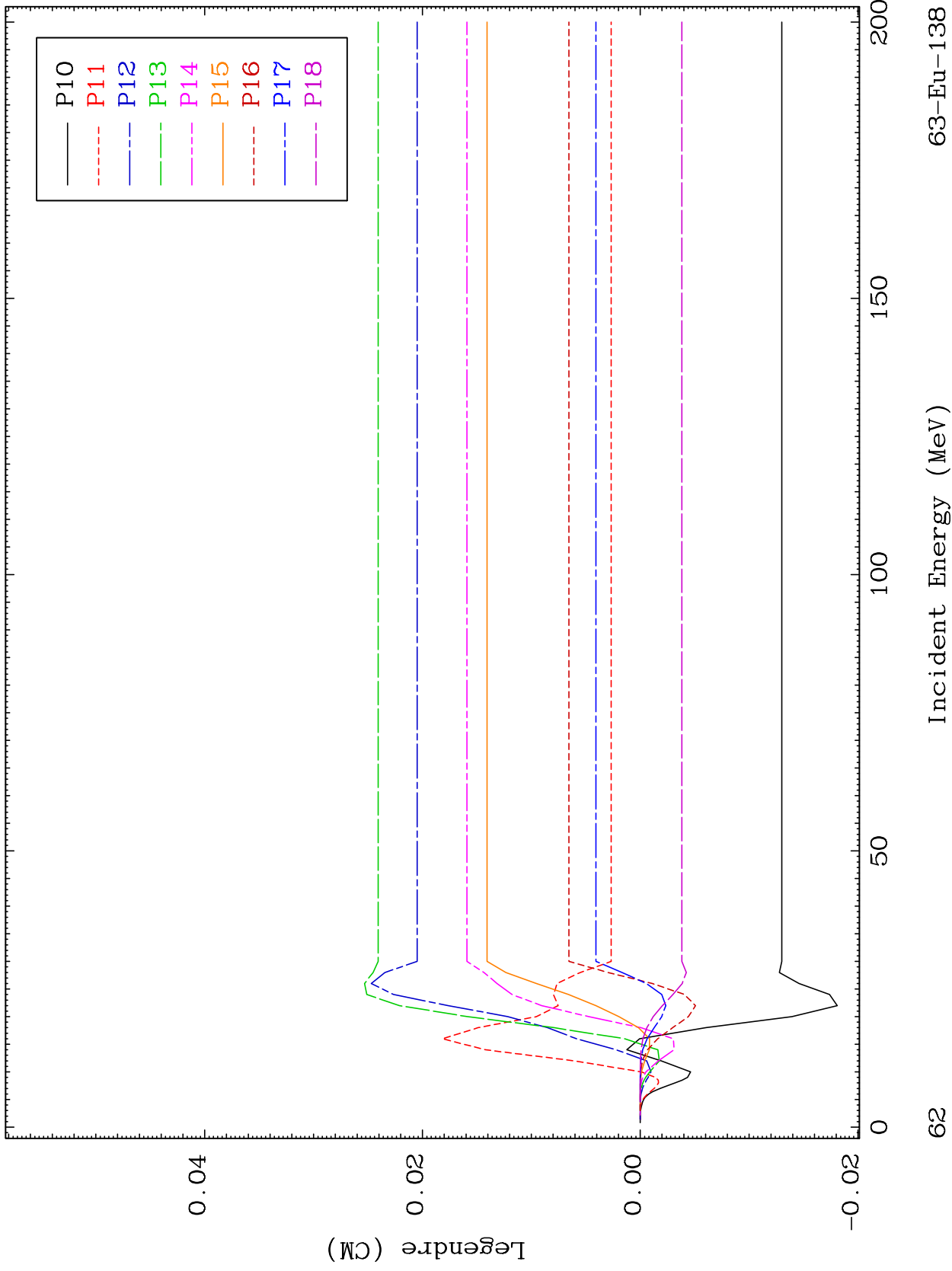
Incident Energy (MeV)

61

MAT 6286

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

63-Eu-138



63-Eu-138

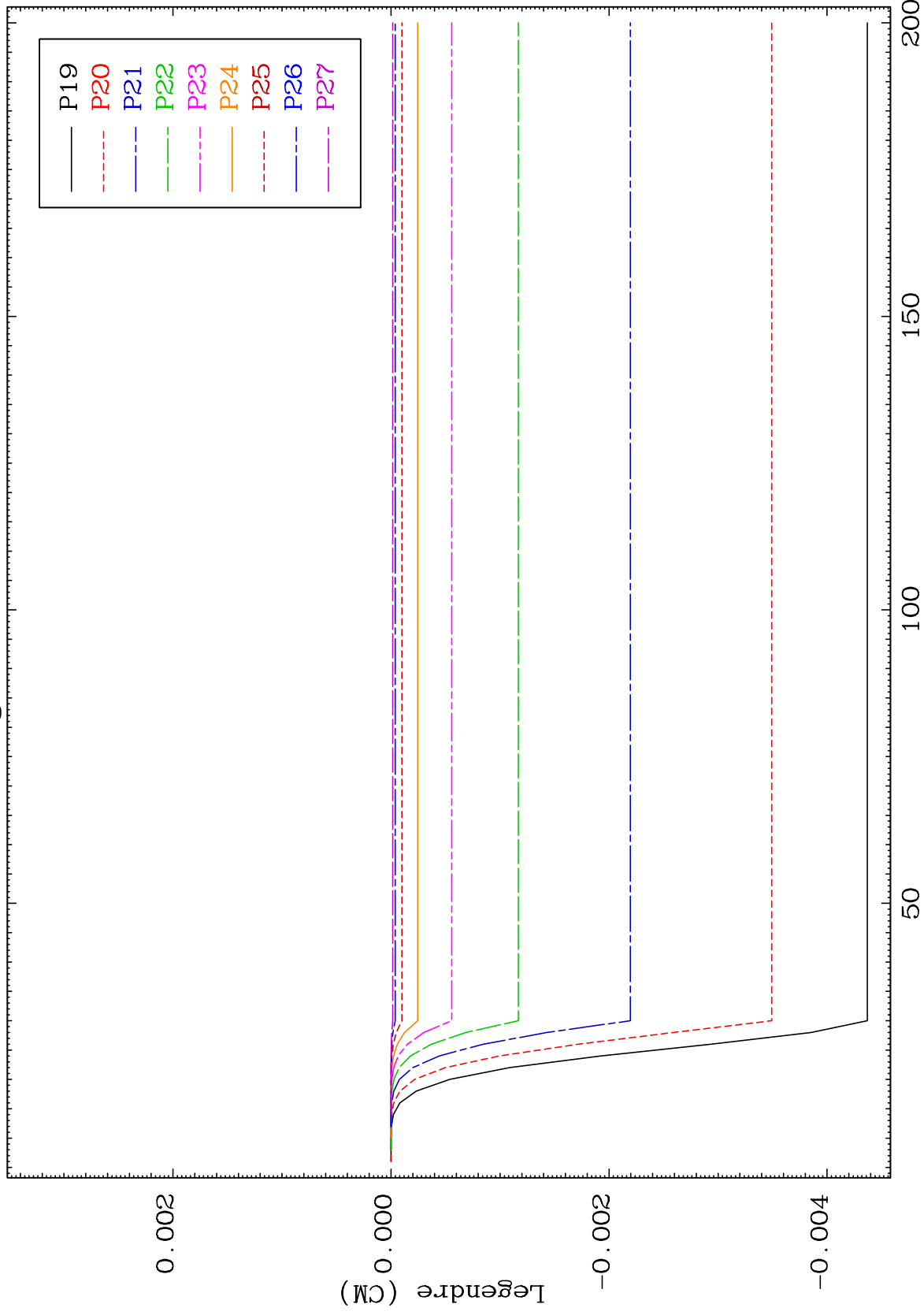
Incident Energy (MeV)

62

MAT 6286

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

63-Eu-138



63

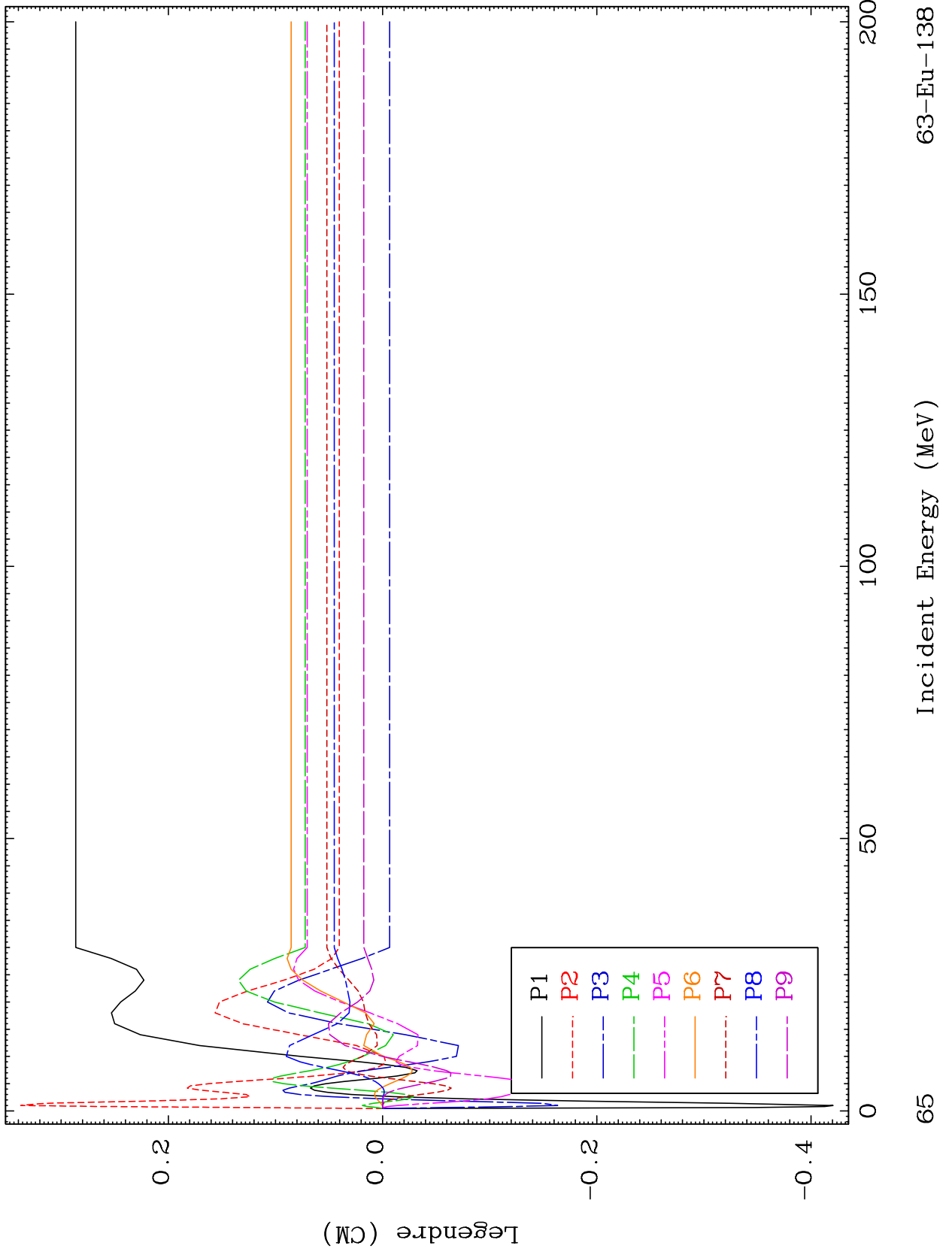
Incident Energy (MeV)

63-Eu-138

MAT 6286

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

63-Eu-138

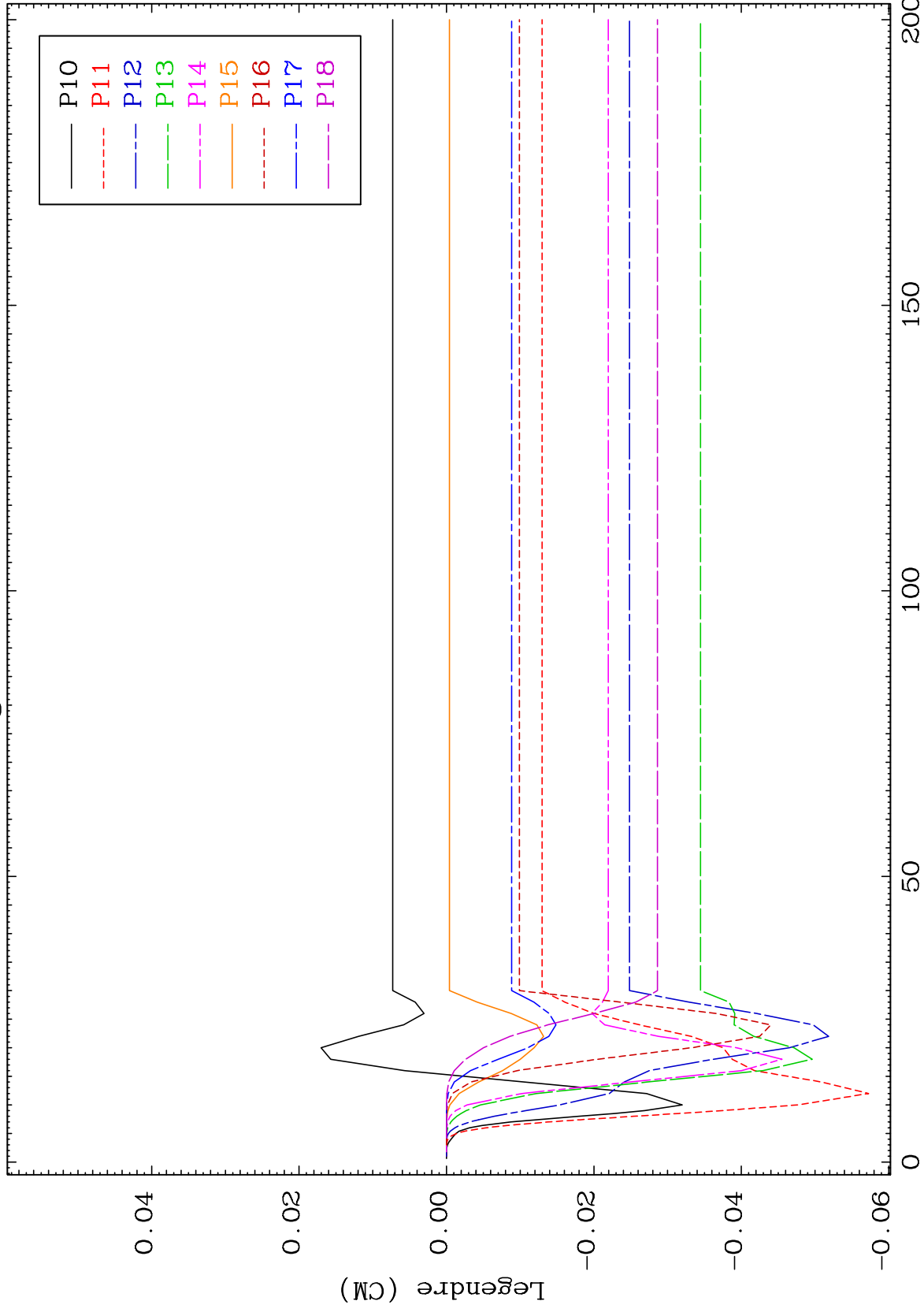


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MAT 6286

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

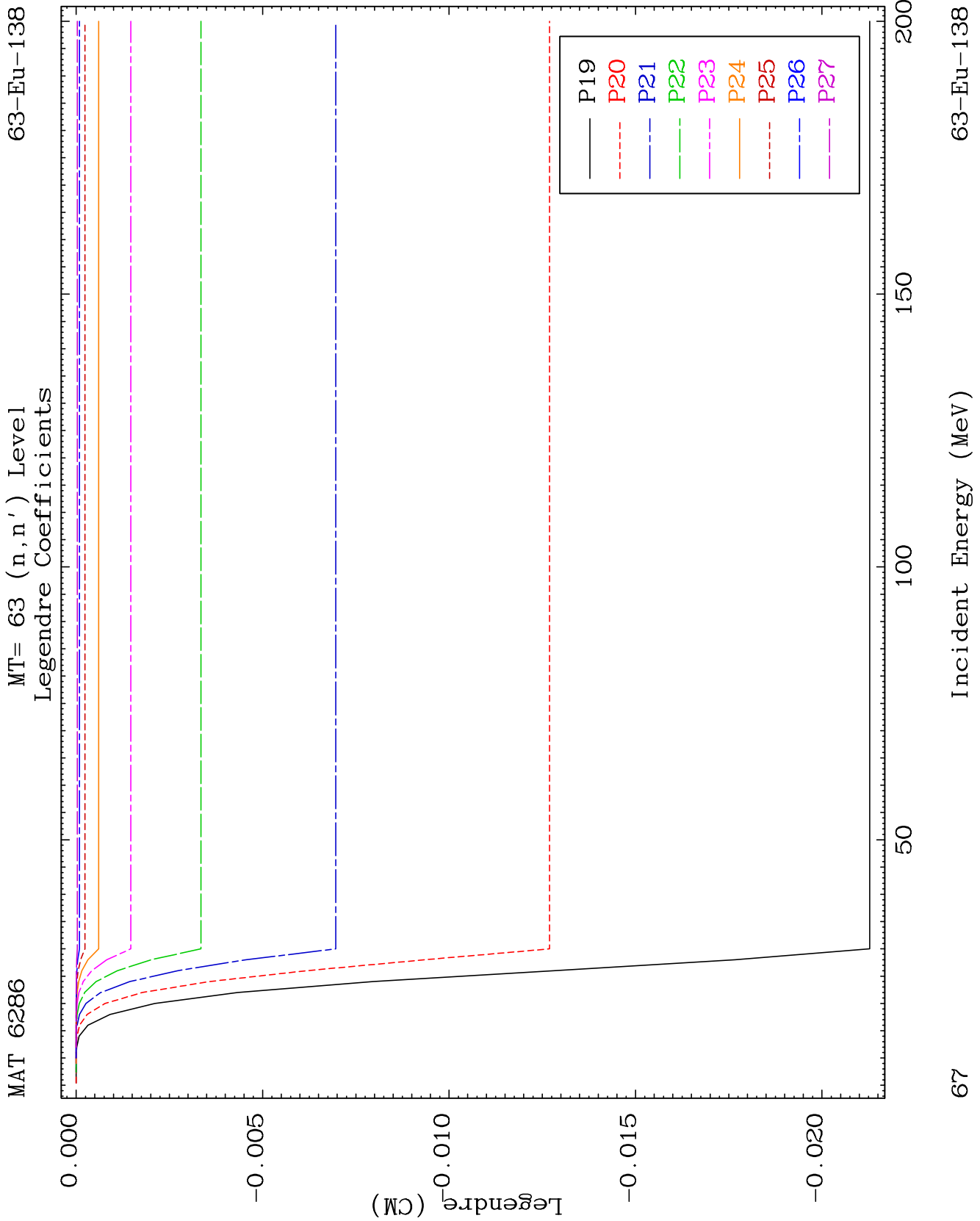
63-Eu-138

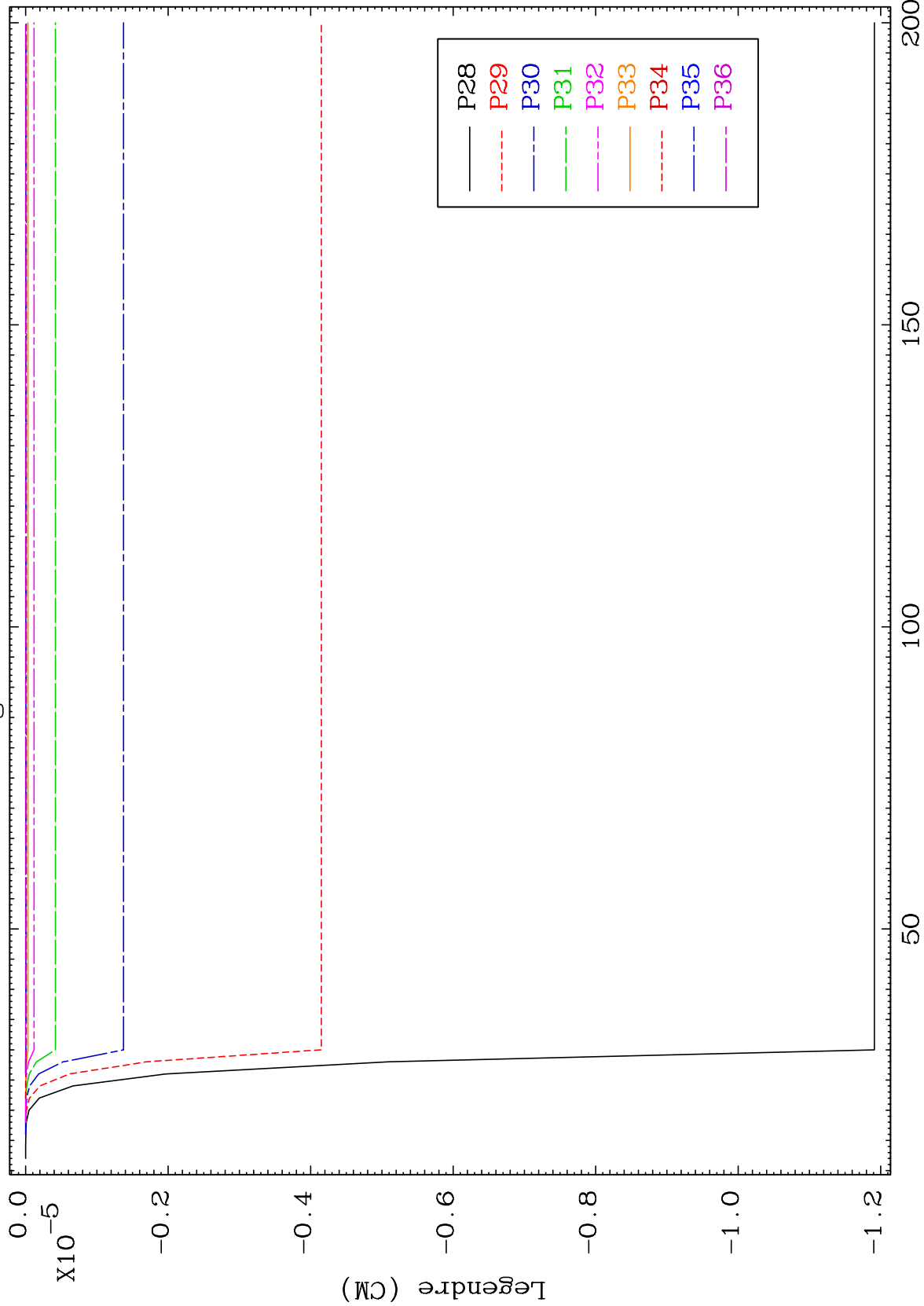


66

Incident Energy (MeV)

63-Eu-138

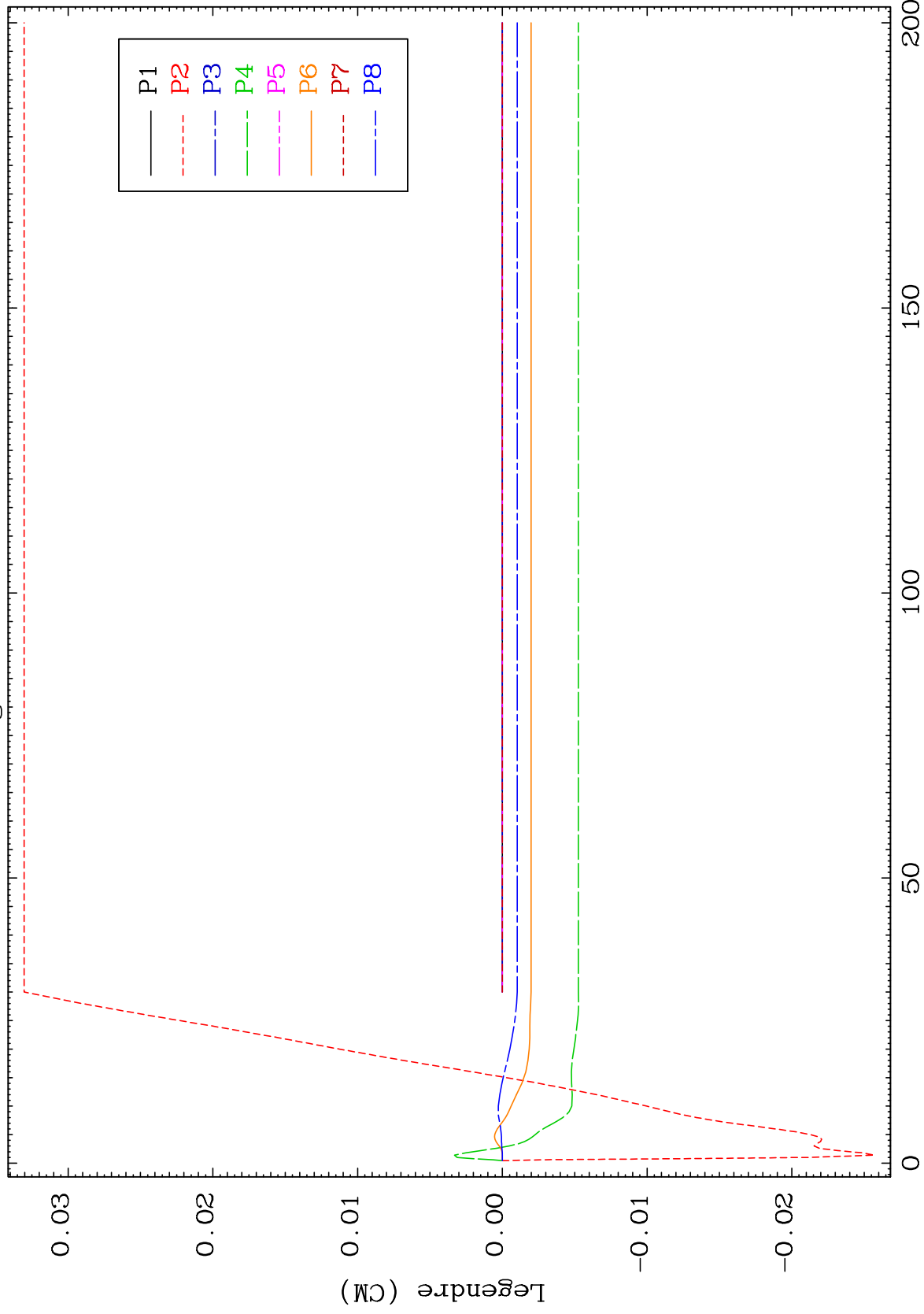




MAT 6286

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

63-Eu-138



69

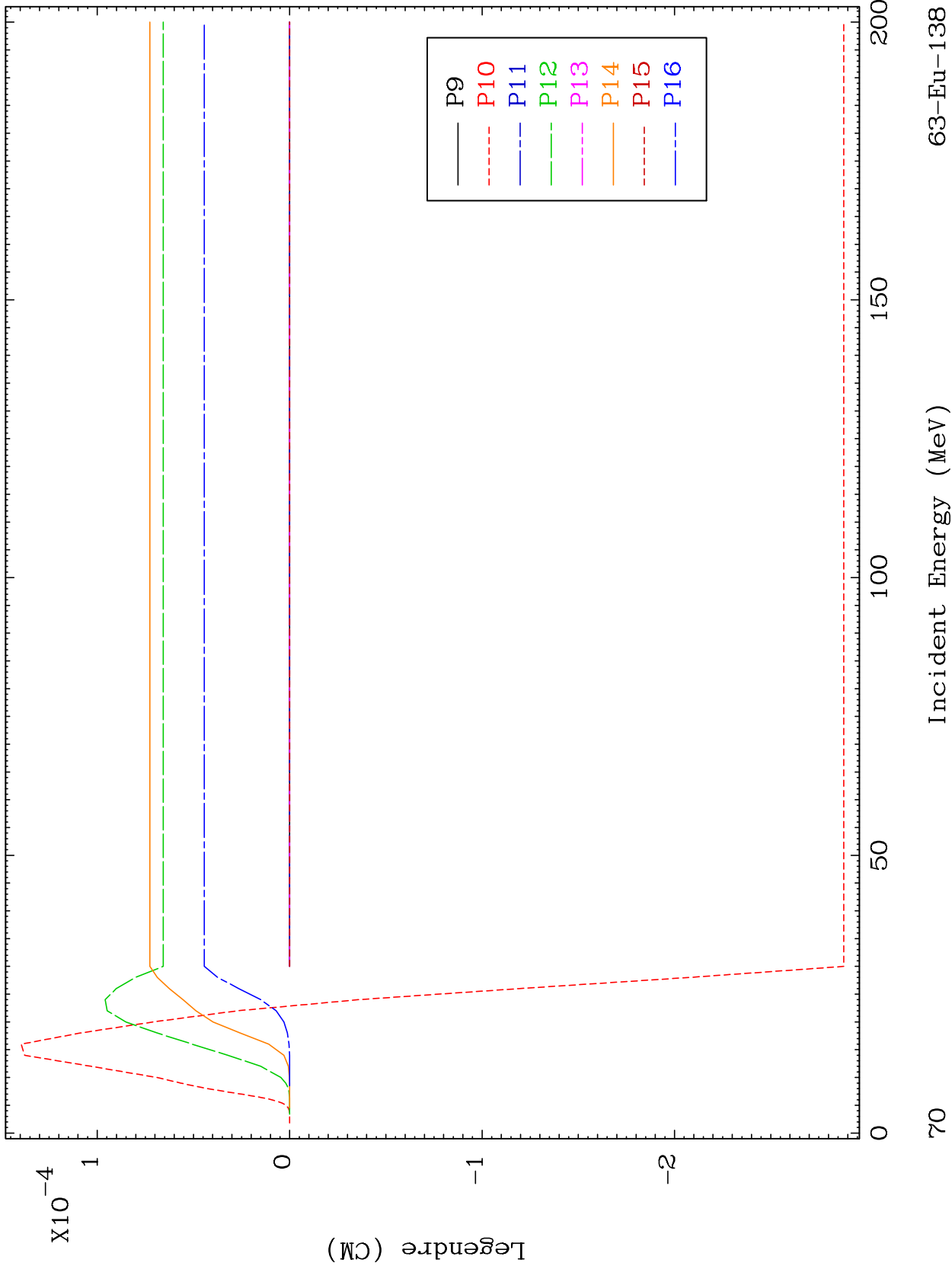
Incident Energy (MeV)

63-Eu-138

MAT 6286

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

63-Eu-138



63-Eu-138

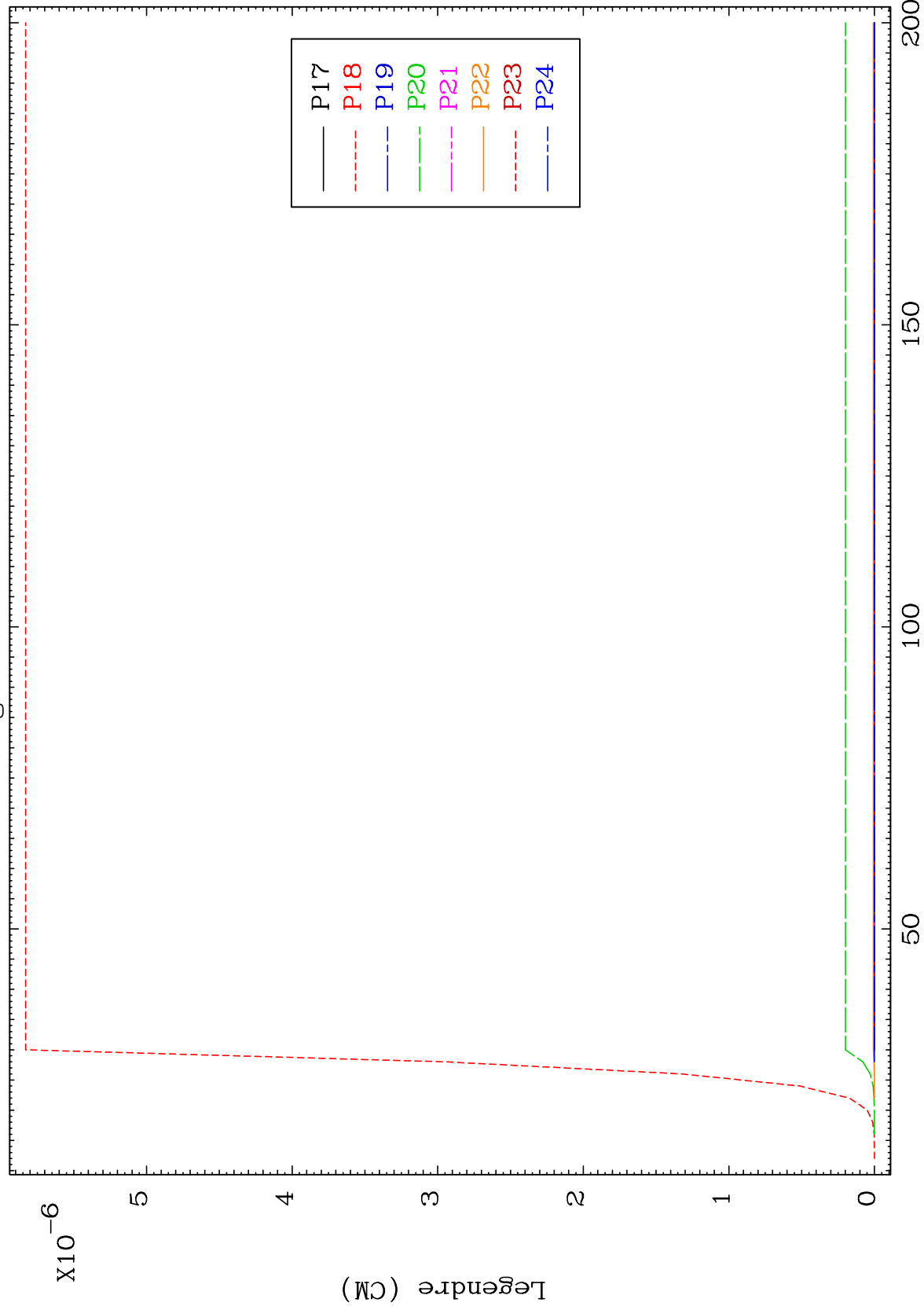
Incident Energy (MeV)

70

MAT 6286

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

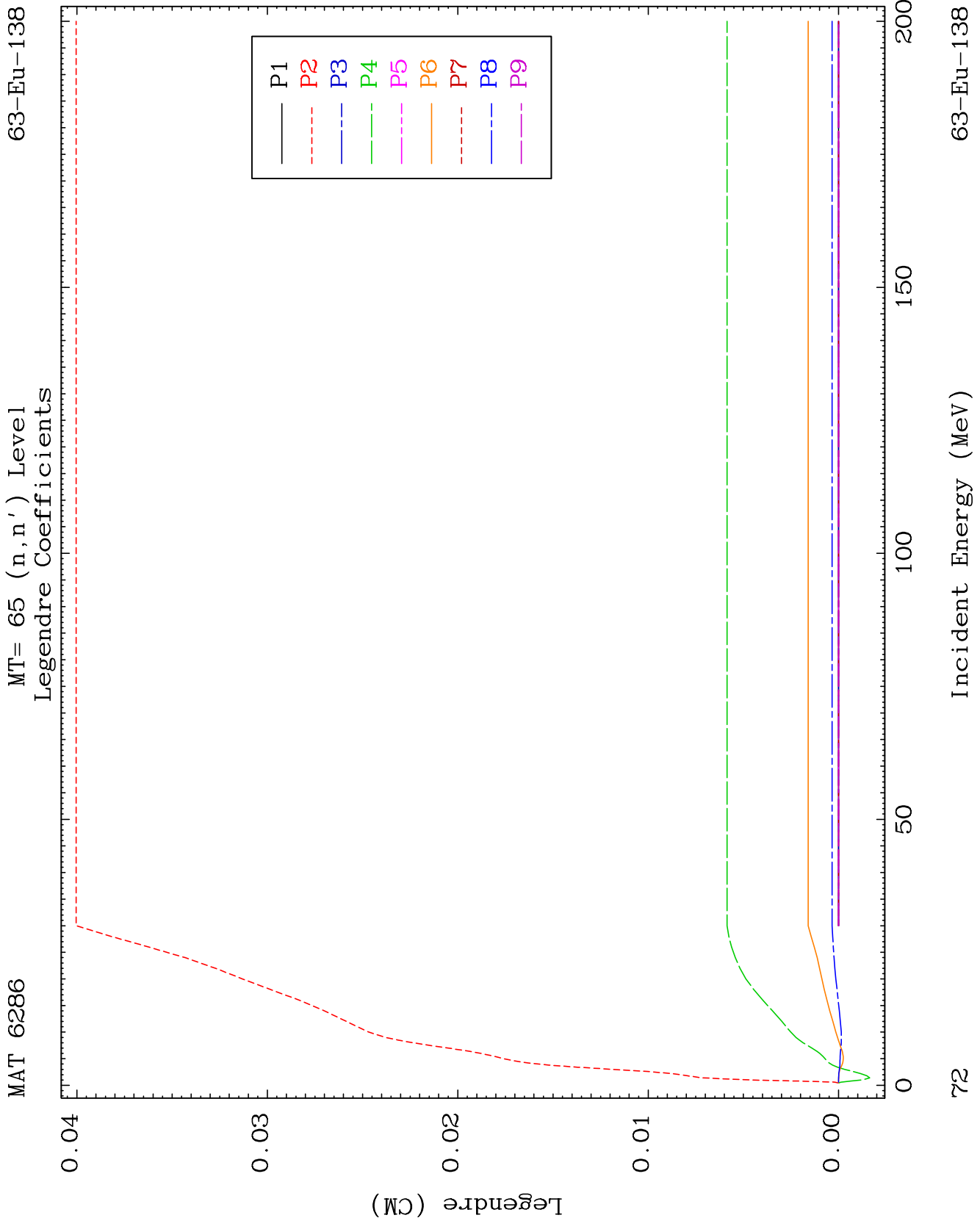
63-Eu-138



71

Incident Energy (MeV)

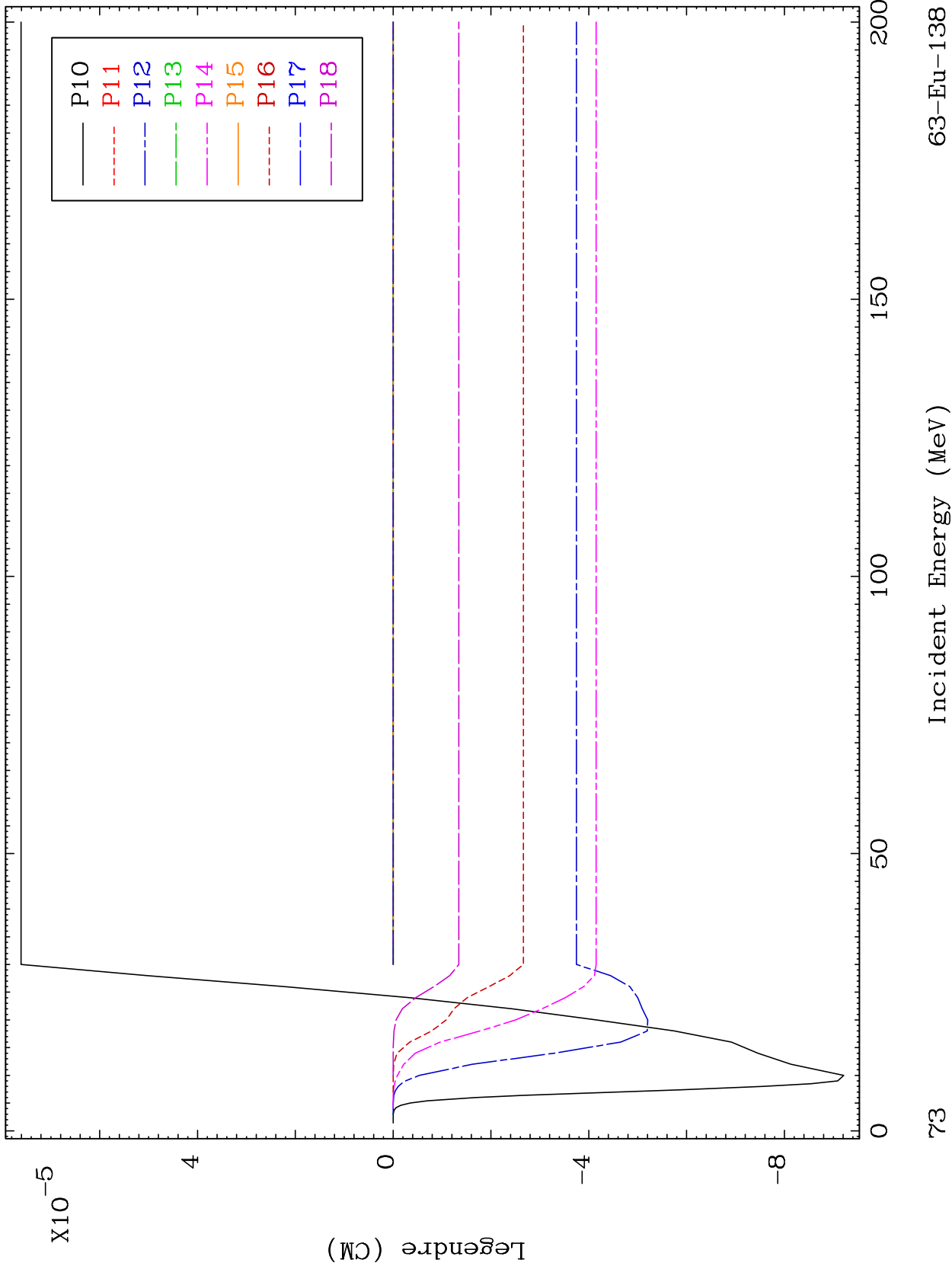
63-Eu-138



MAT 6286

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

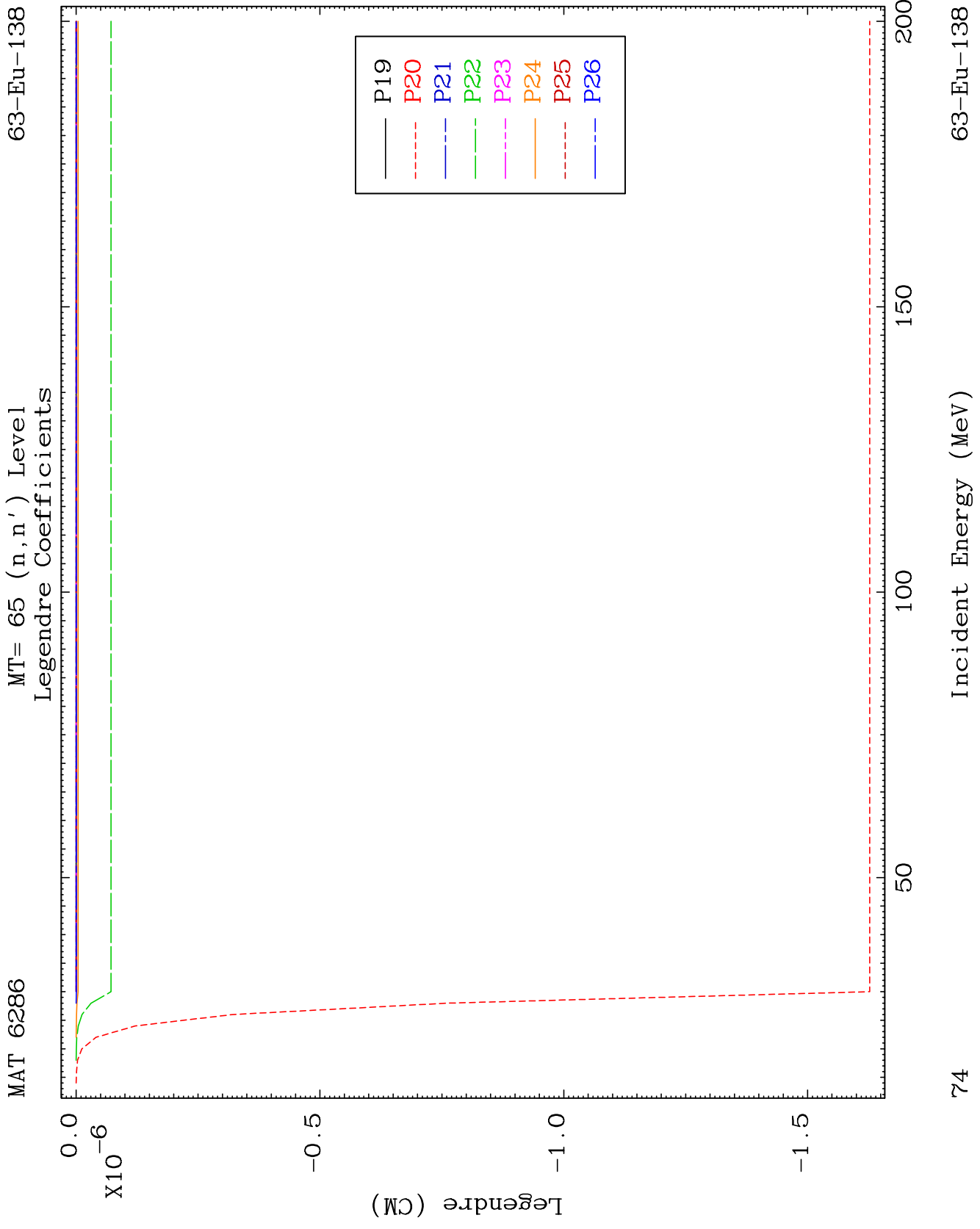
63-Eu-138



63-Eu-138

Incident Energy (MeV)

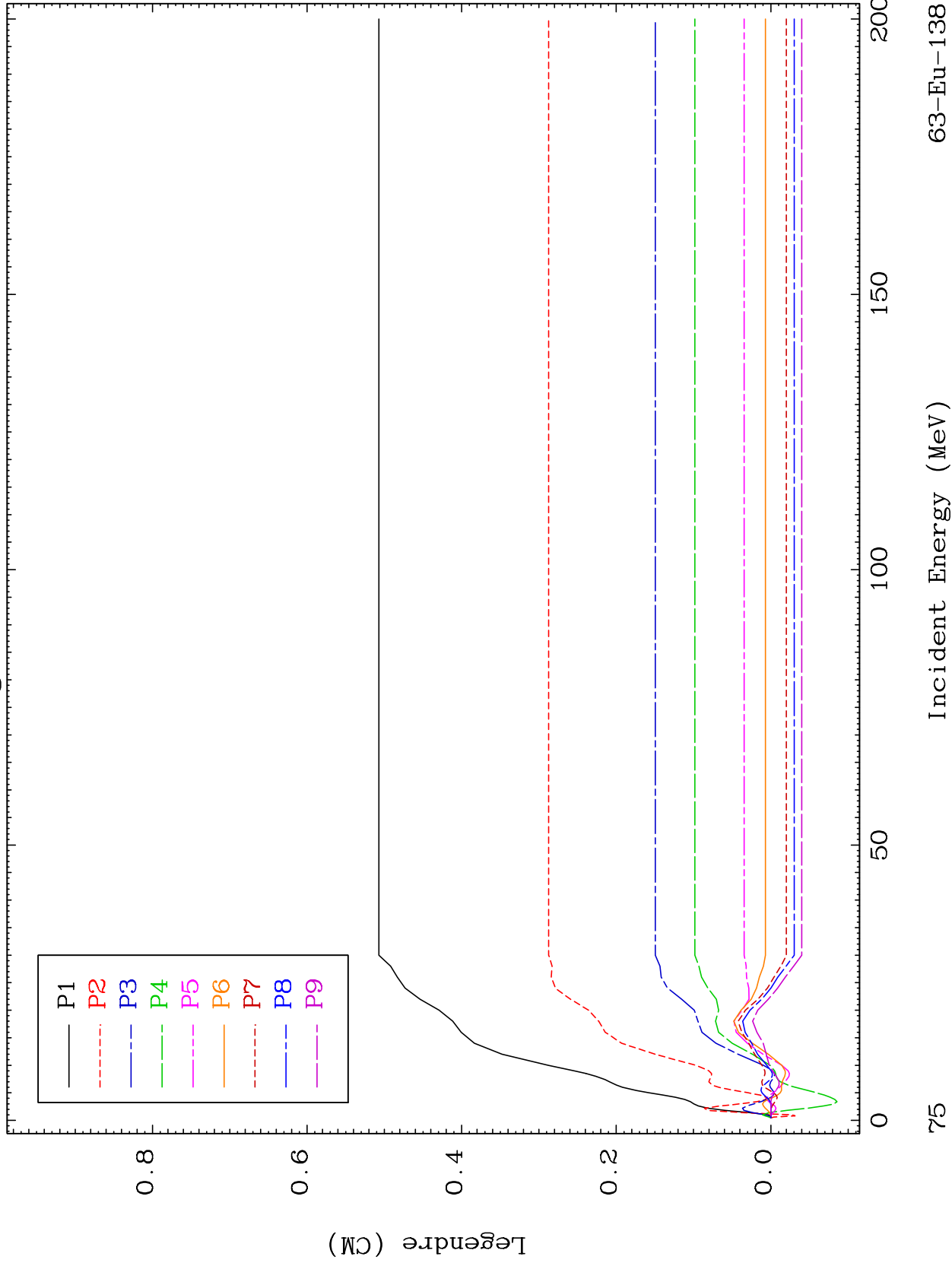
73



MAT 6286

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

63-Eu-138



63-Eu-138

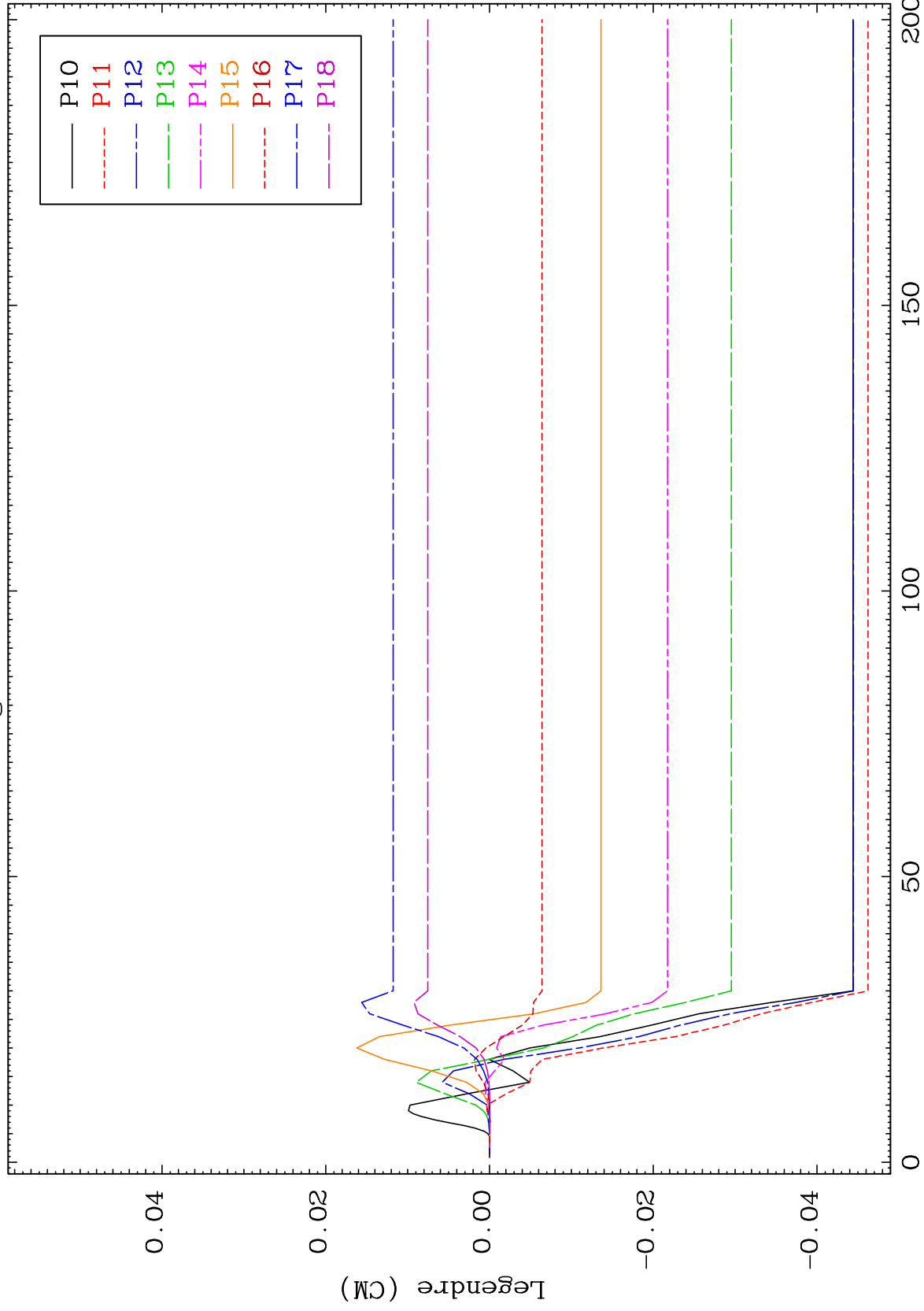
Incident Energy (MeV)

75

MAT 6286

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

63-Eu-138



76

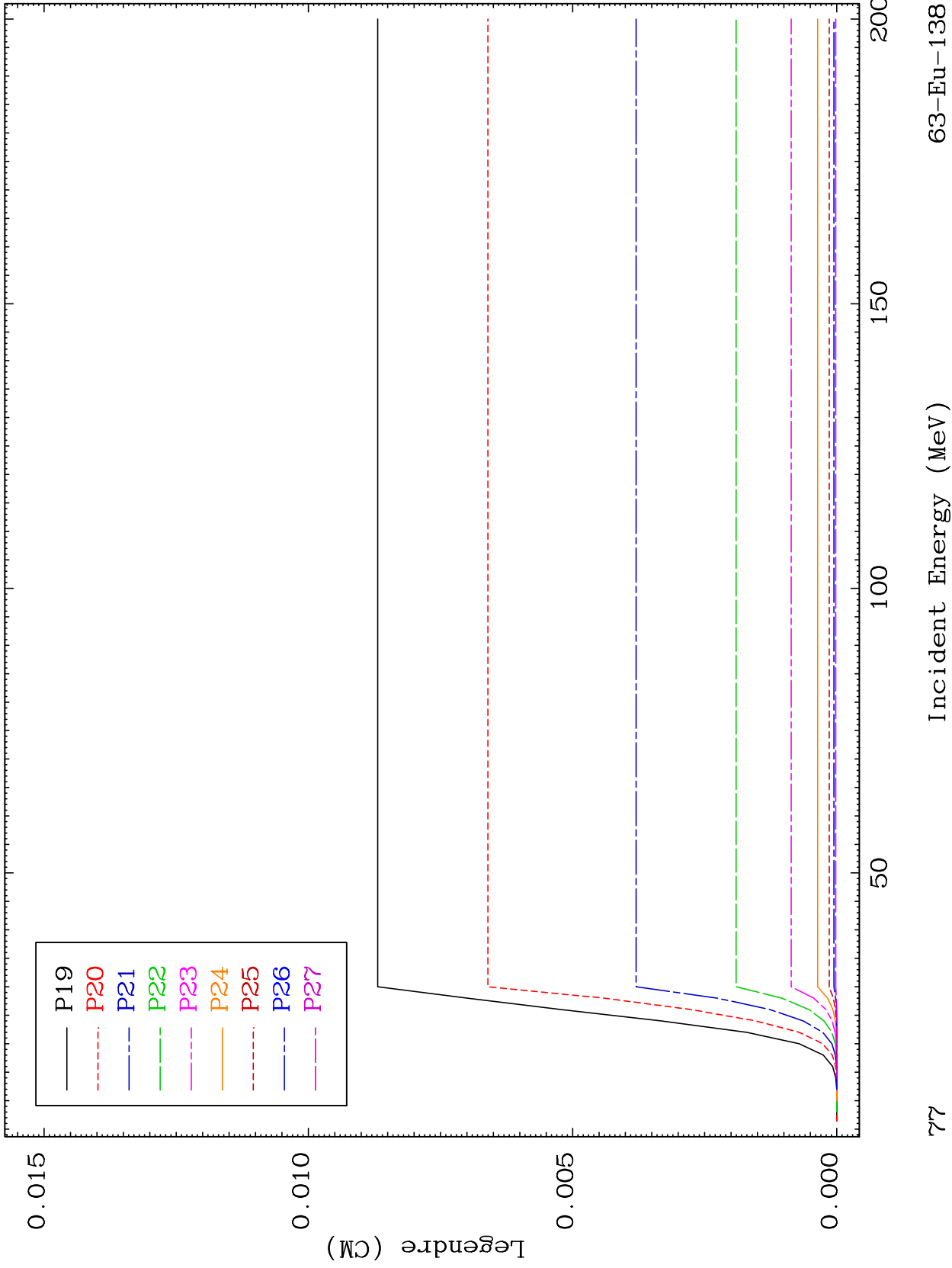
Incident Energy (MeV)

63-Eu-138

MAT 6286

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

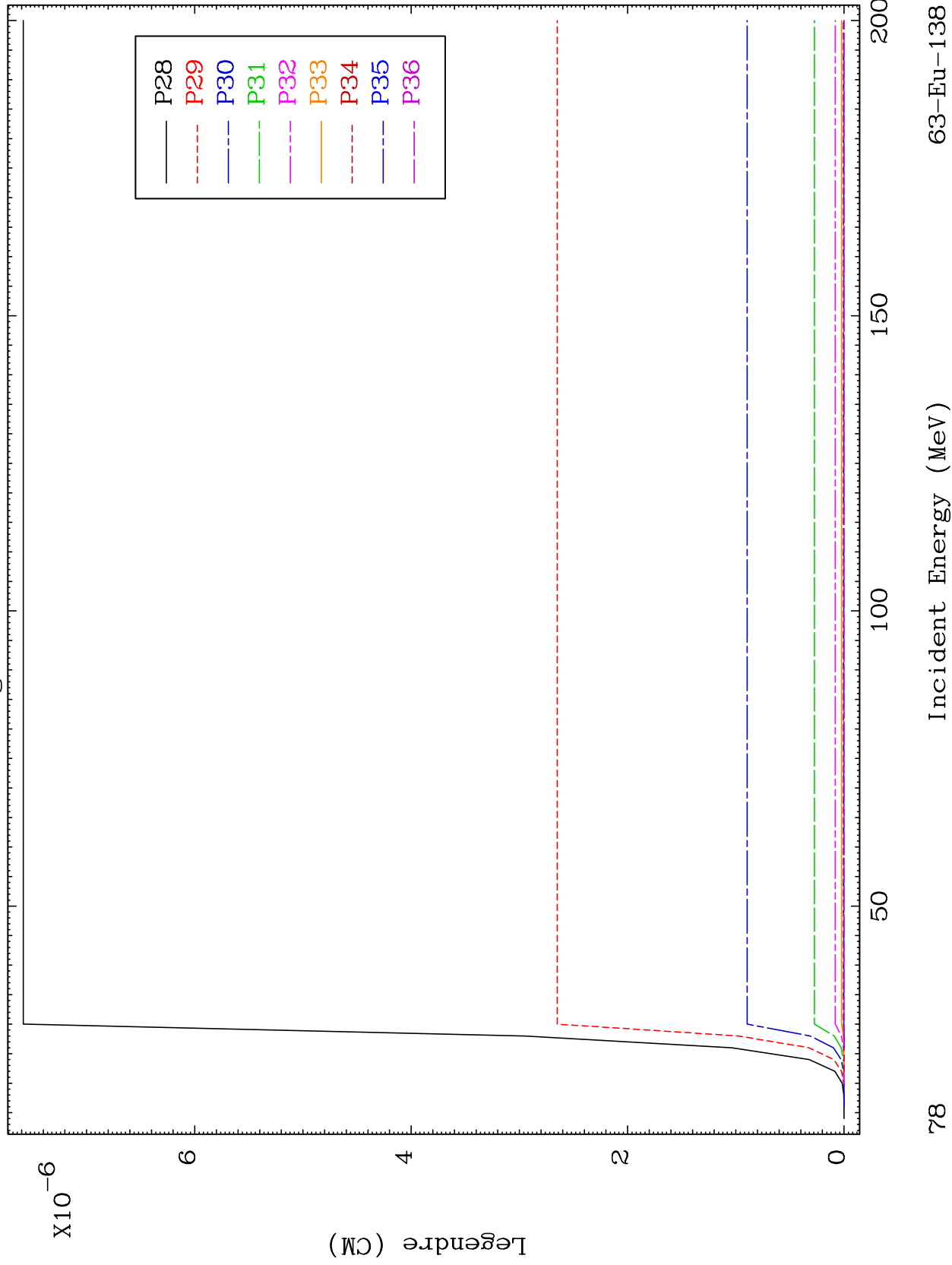
63-Eu-138



MAT 6286

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

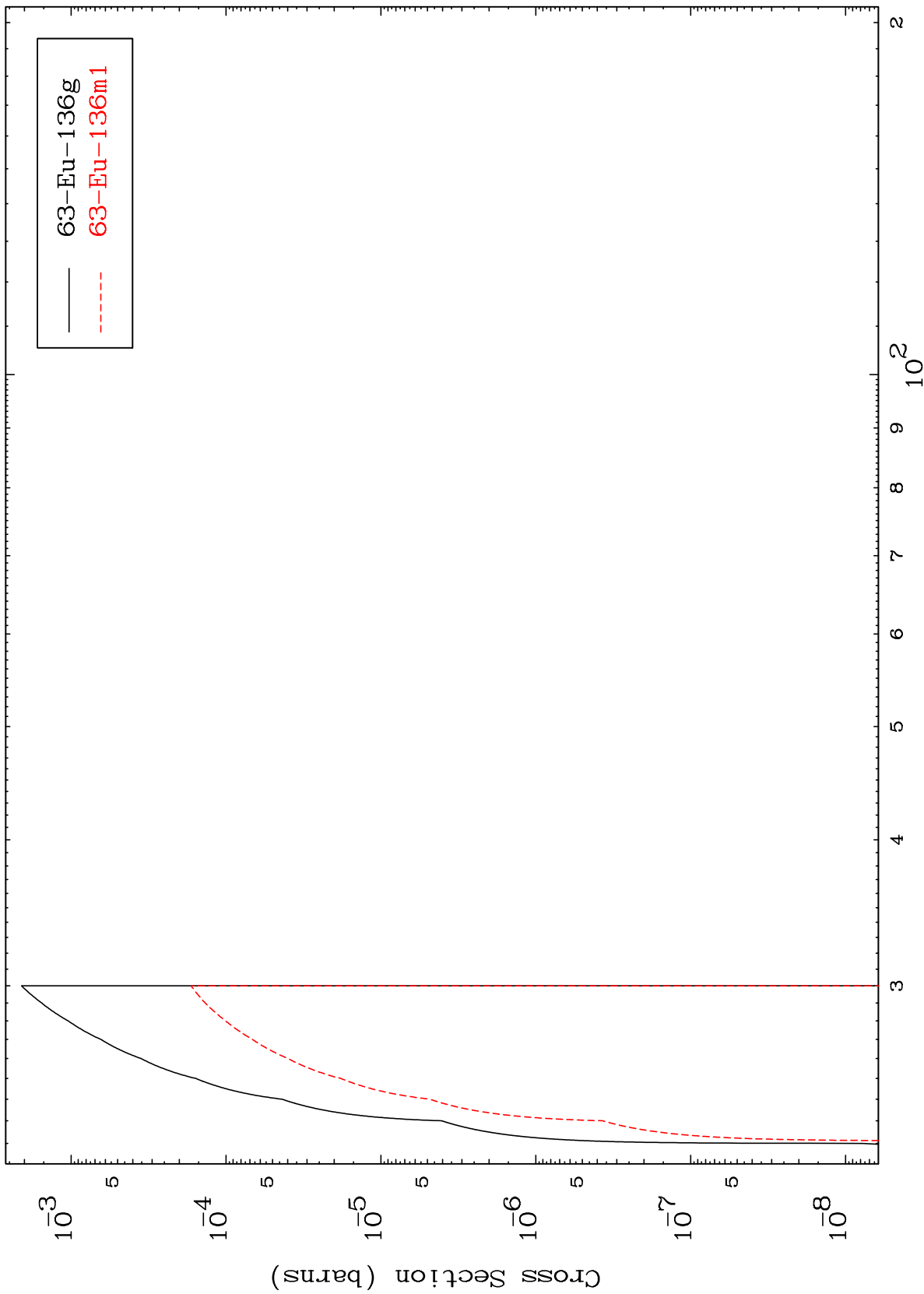
63-Eu-138



MAT 6286

63-Eu-138

(n,3n)
Radionuclide Production Cross Section



79

Incident Energy (MeV)

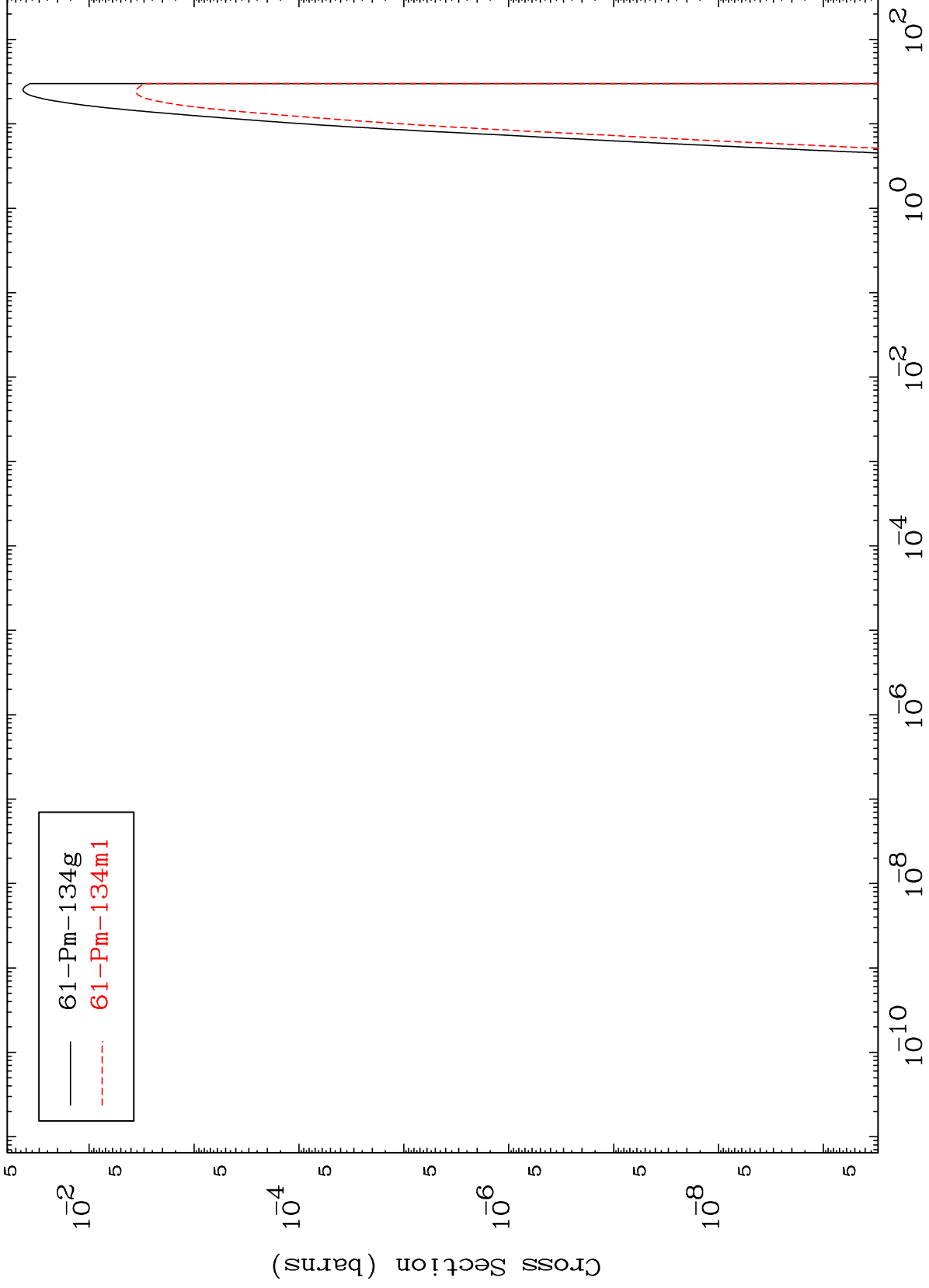
63-Eu-138

MAT 6286

(n, n') α

63-Eu-138

Radionuclide Production Cross Section



80

Incident Energy (MeV)

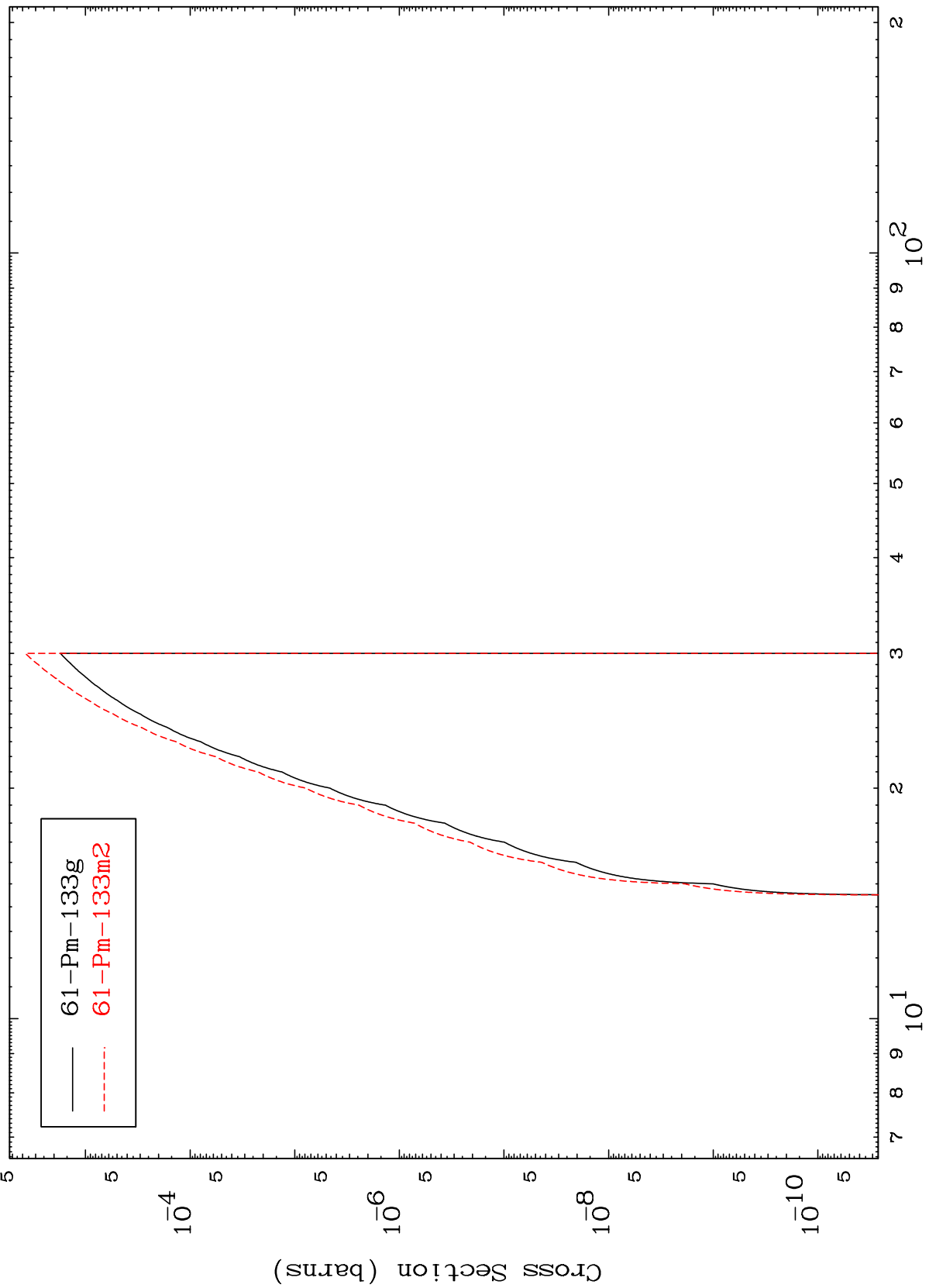
63-Eu-138

MAT 6286

$(n,2n) \alpha$

63-Eu-138

Radionuclide Production Cross Section



81

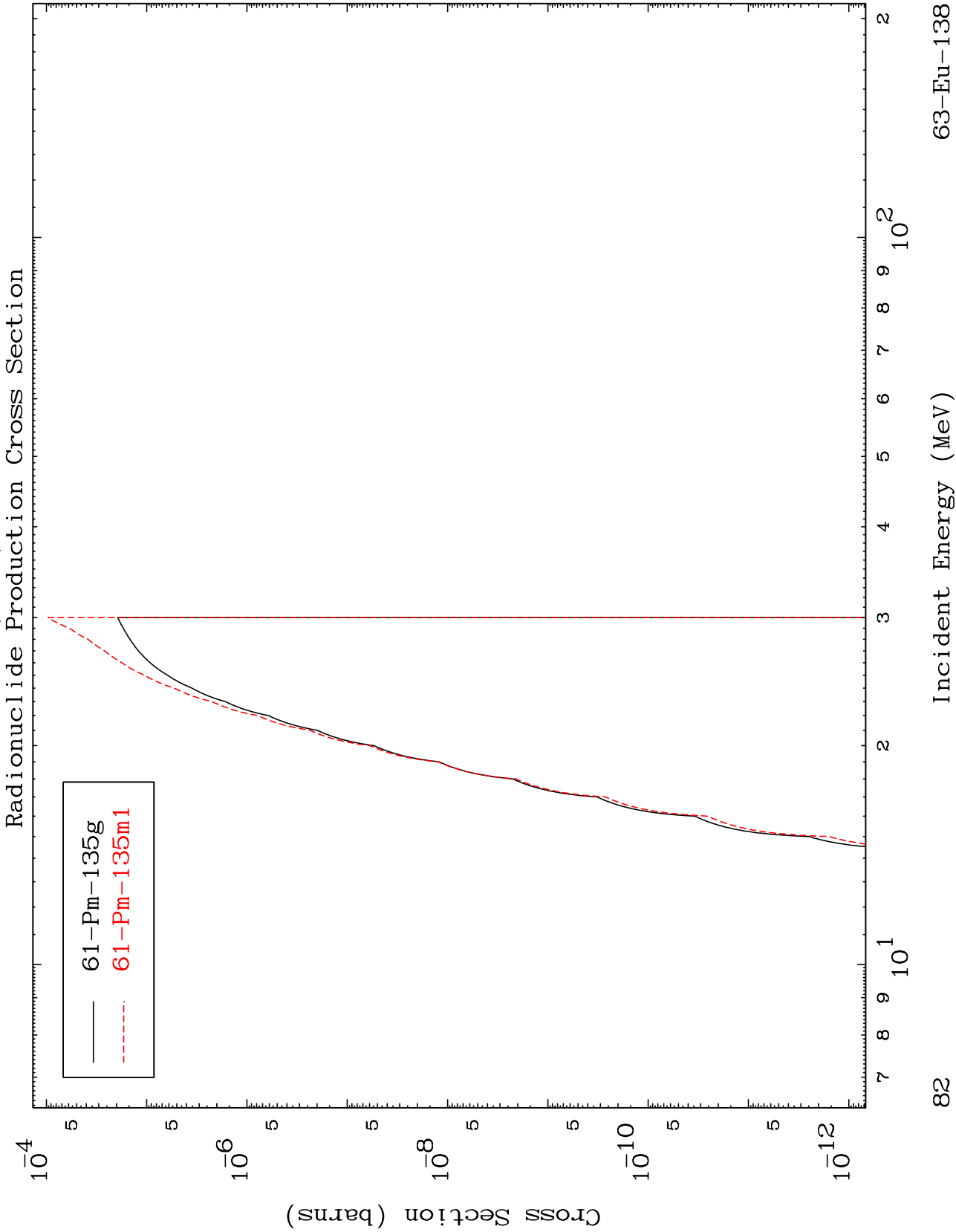
Incident Energy (MeV)

63-Eu-138

MAT 6286

(n,n') He-3

63-Eu-138



82

Incident Energy (MeV)

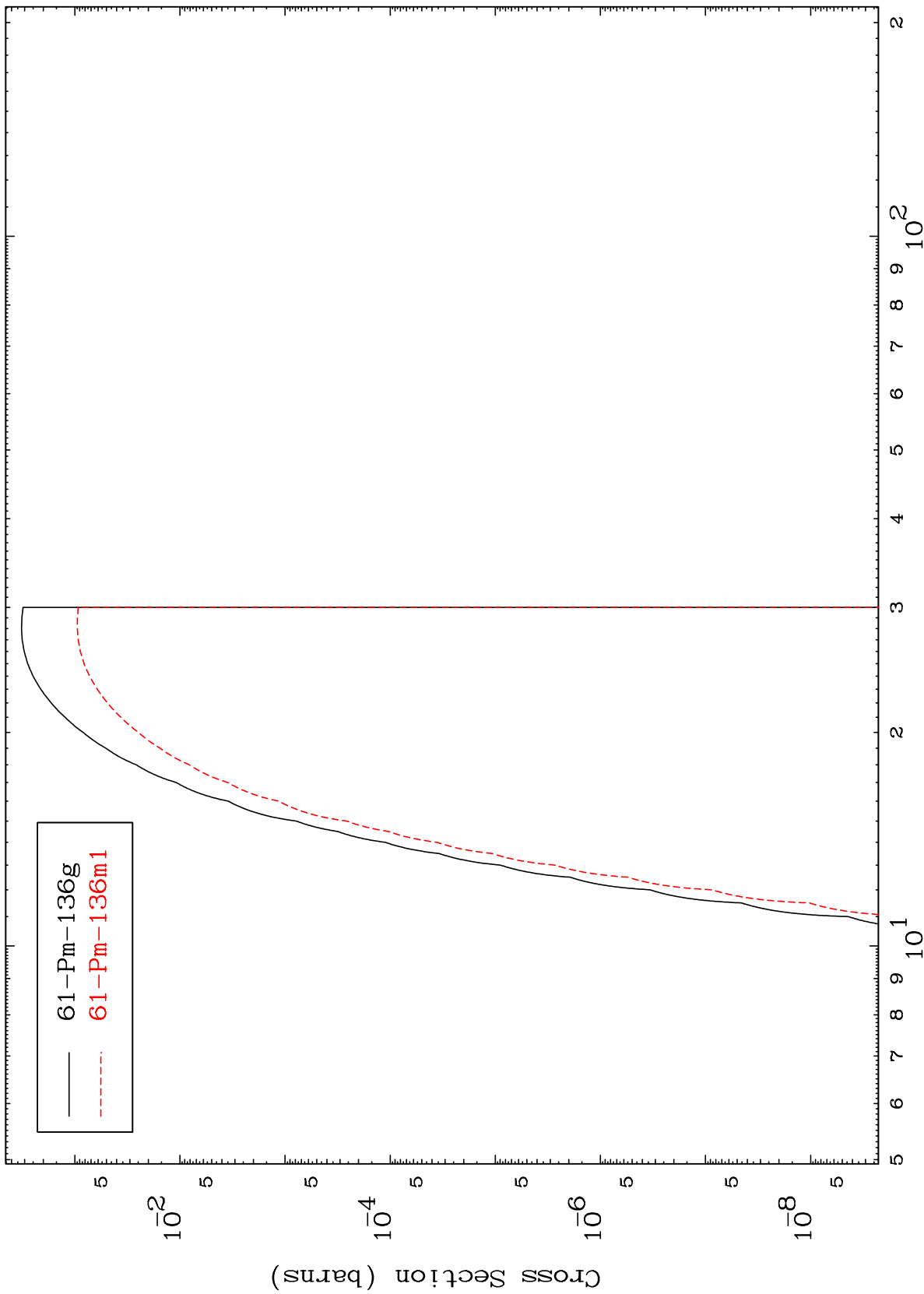
63-Eu-138

MAT 6286

(n,2n) p

63-Eu-138

Radionuclide Production Cross Section



61-Pm-136g
61-Pm-136m1

83

Incident Energy (MeV)

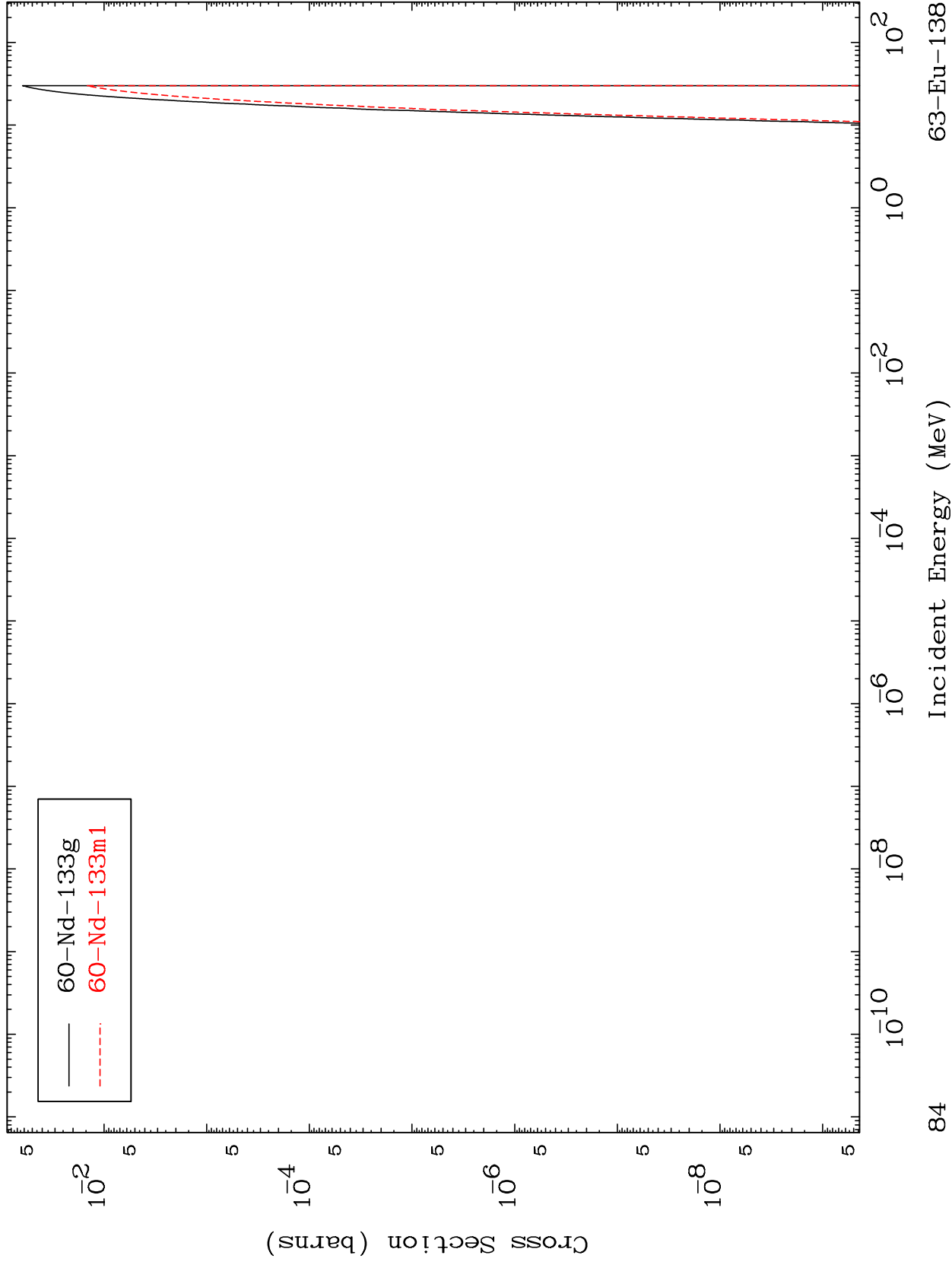
63-Eu-138

MAT 6286

(n,n') p α

63-Eu-138

Radionuclide Production Cross Section



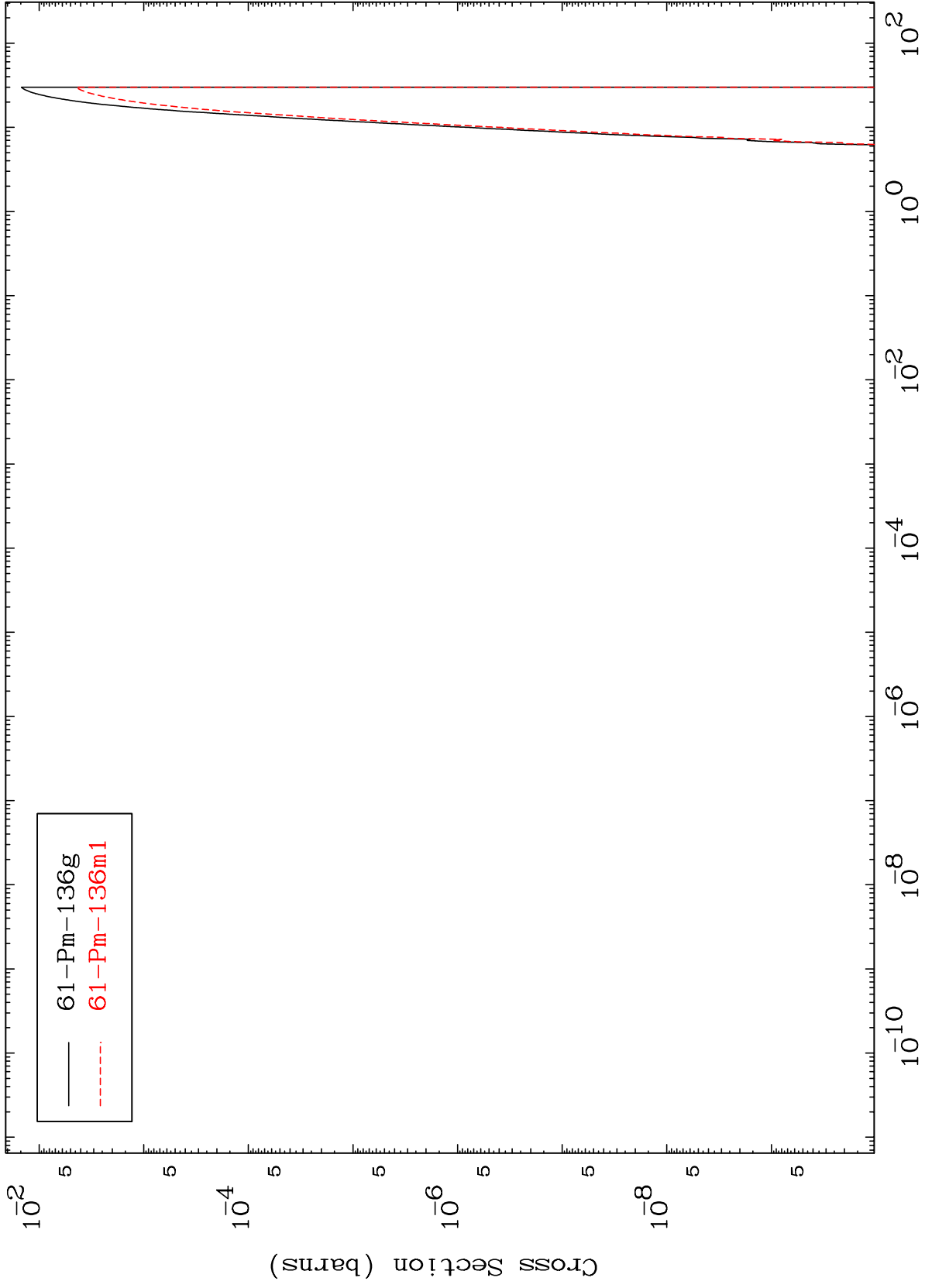
60-Nd-133g
60-Nd-133m1

MAT 6286

(n,He-3)

63-Eu-138

Radionuclide Production Cross Section



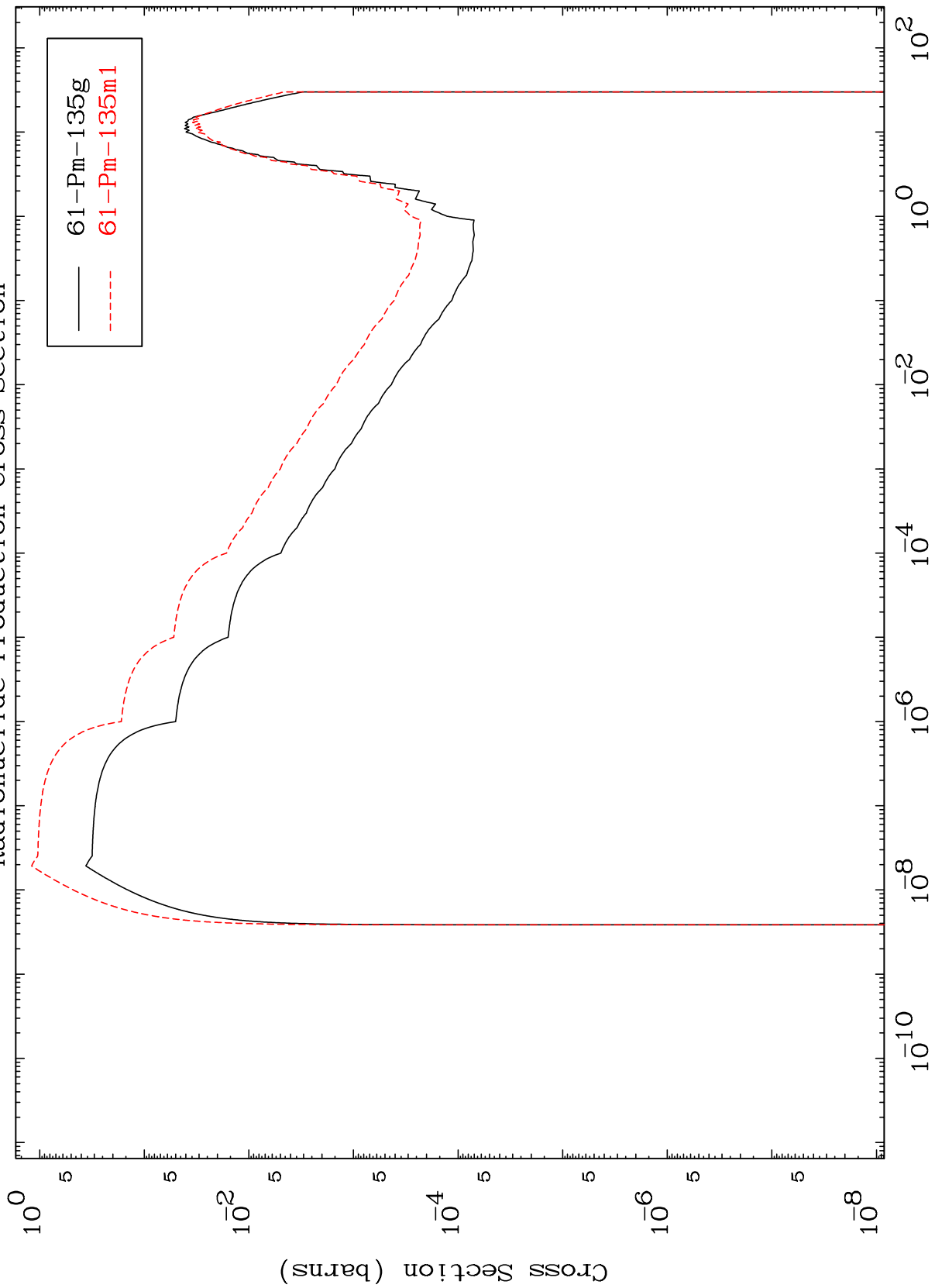
61-Pm-136g
61-Pm-136m1

85

Incident Energy (MeV)

63-Eu-138

(n, α)
Radionuclide Production Cross Section

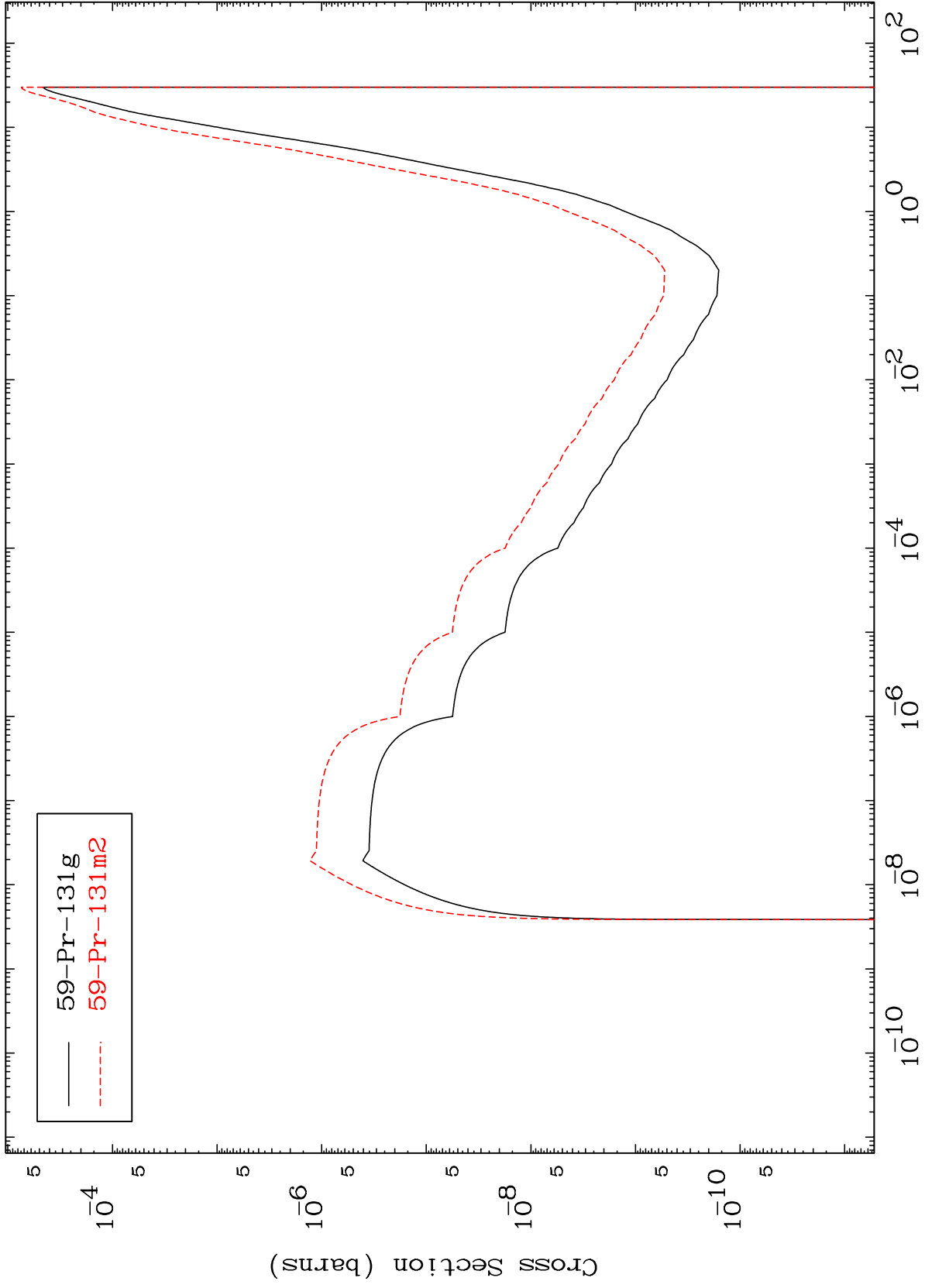


MAT 6286

(n,2α)

63-Eu-138

Radionuclide Production Cross Section

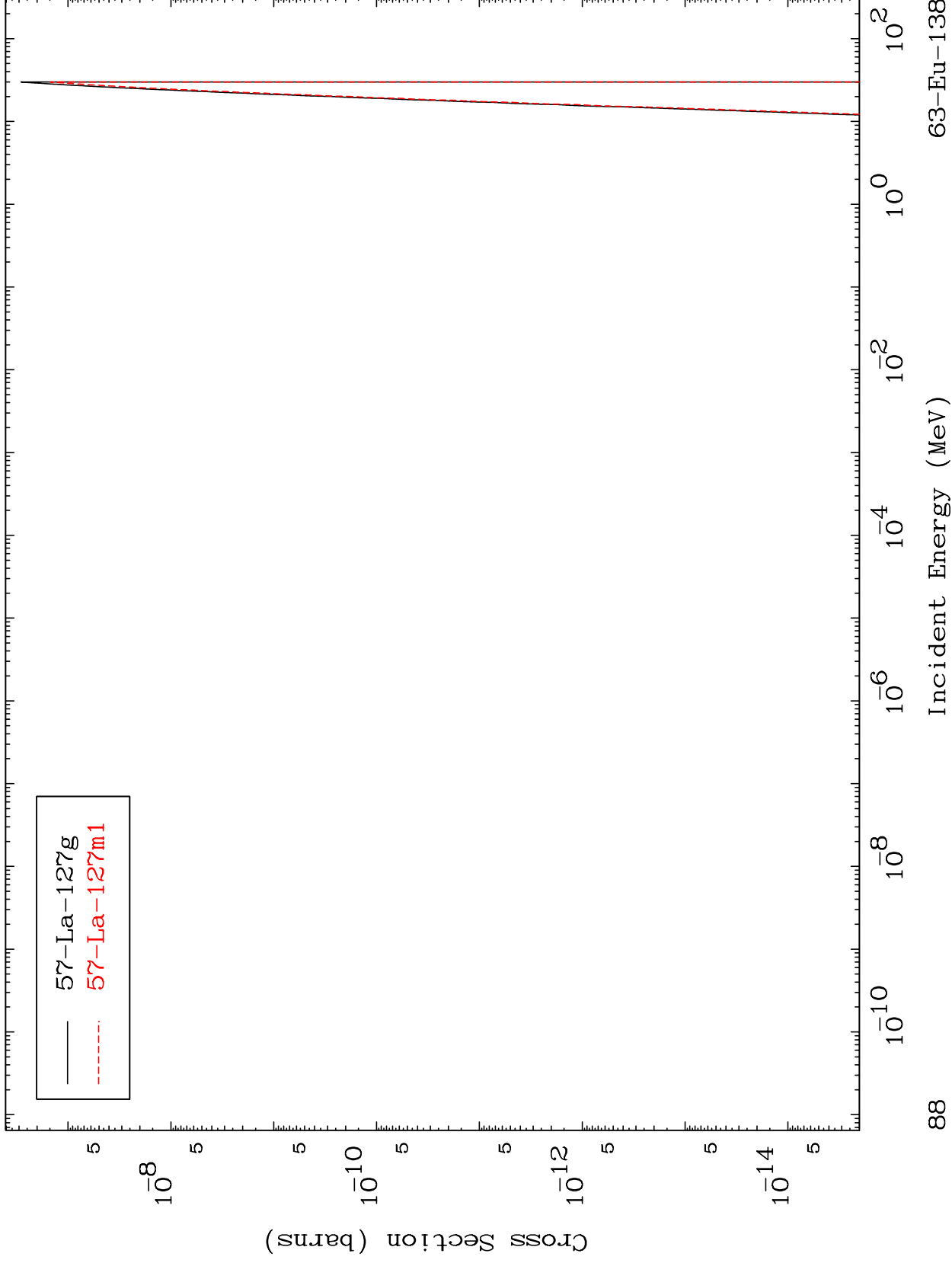


MAT 6286

(n, 3α)

63-Eu-138

Radionuclide Production Cross Section

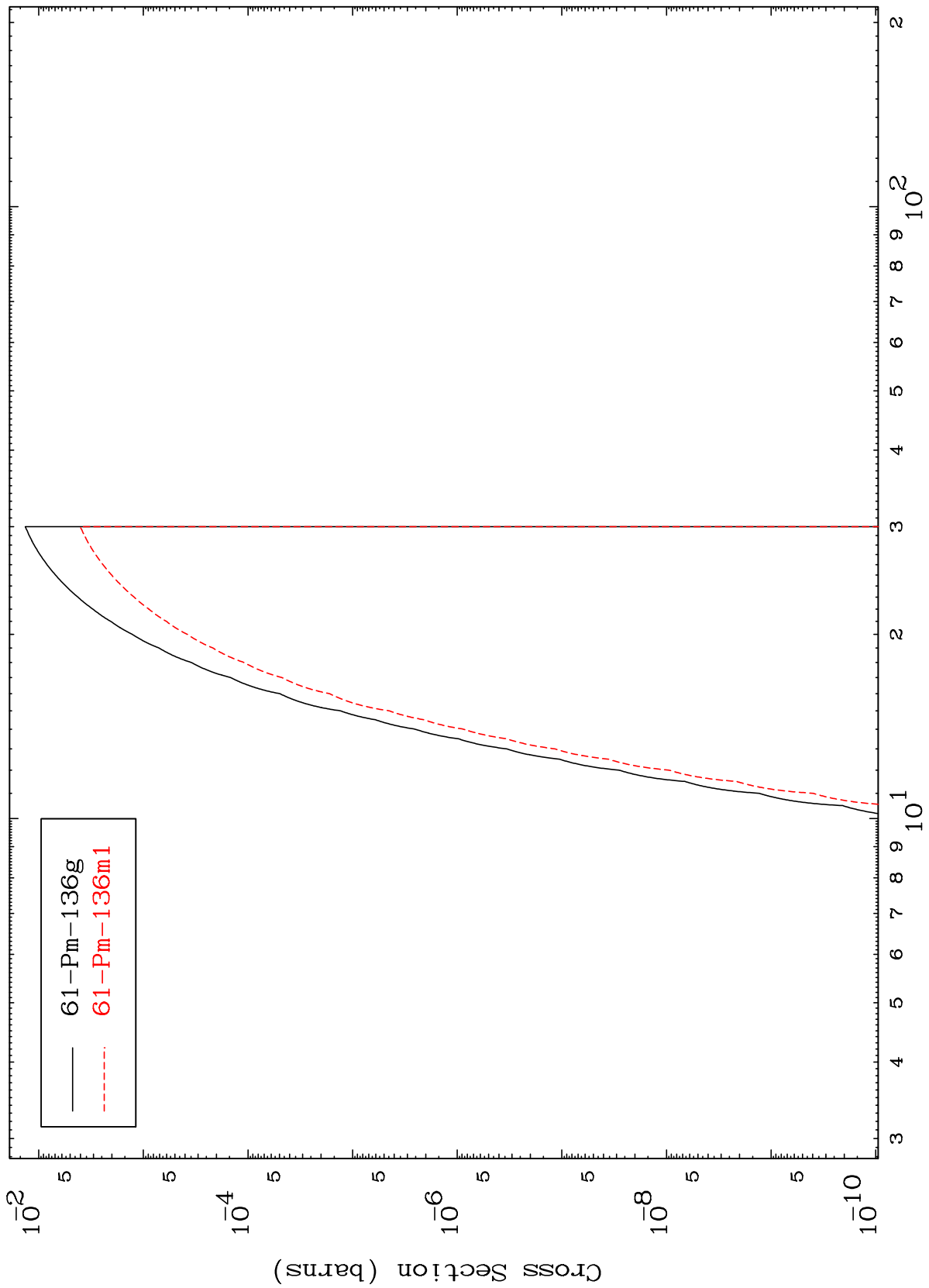


MAT 6286

(n,p) d

63-Eu-138

Radionuclide Production Cross Section



89

Incident Energy (MeV)

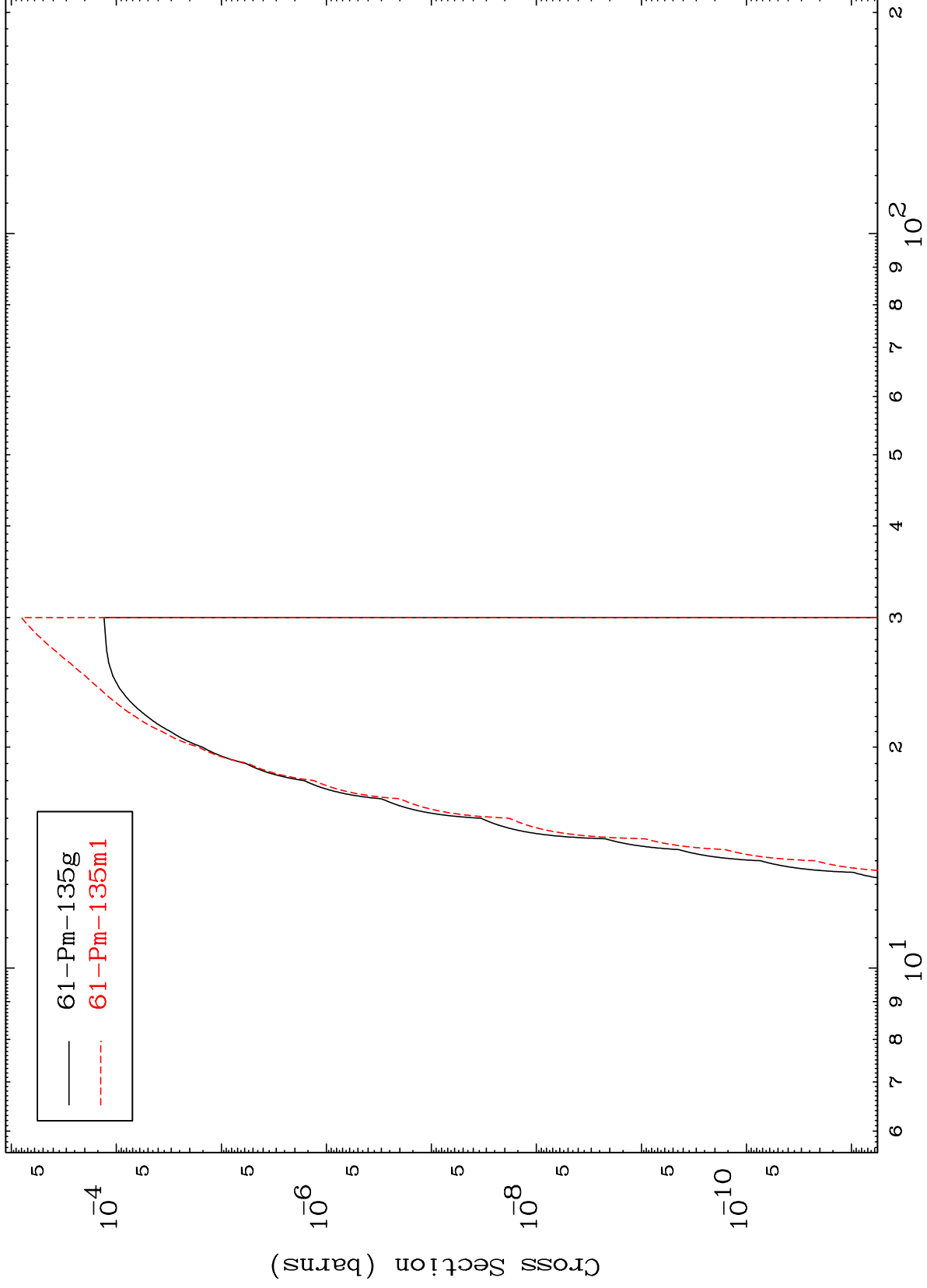
63-Eu-138

MAT 6286

(n,p) t

63-Eu-138

Radionuclide Production Cross Section



90

Incident Energy (MeV)

63-Eu-138

MAT 6286

(n,d) α

$^{63}\text{Eu}-138$

Radionuclide Production Cross Section

