

Program EVALPLOT
(Version 2021-1)

by

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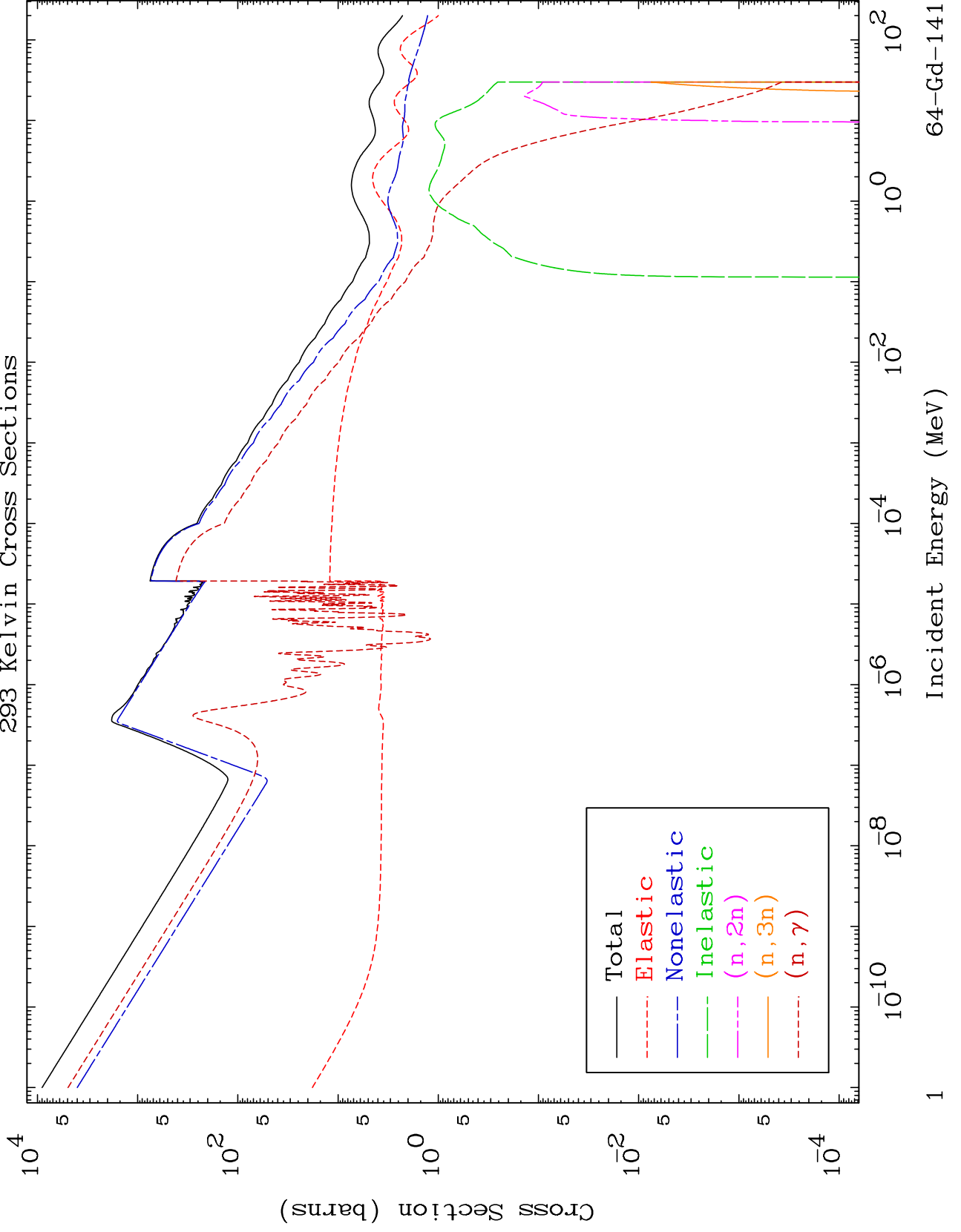
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Press Mouse Button to Start

MAT 6392

Neutron Major
293 Kelvin Cross Sections

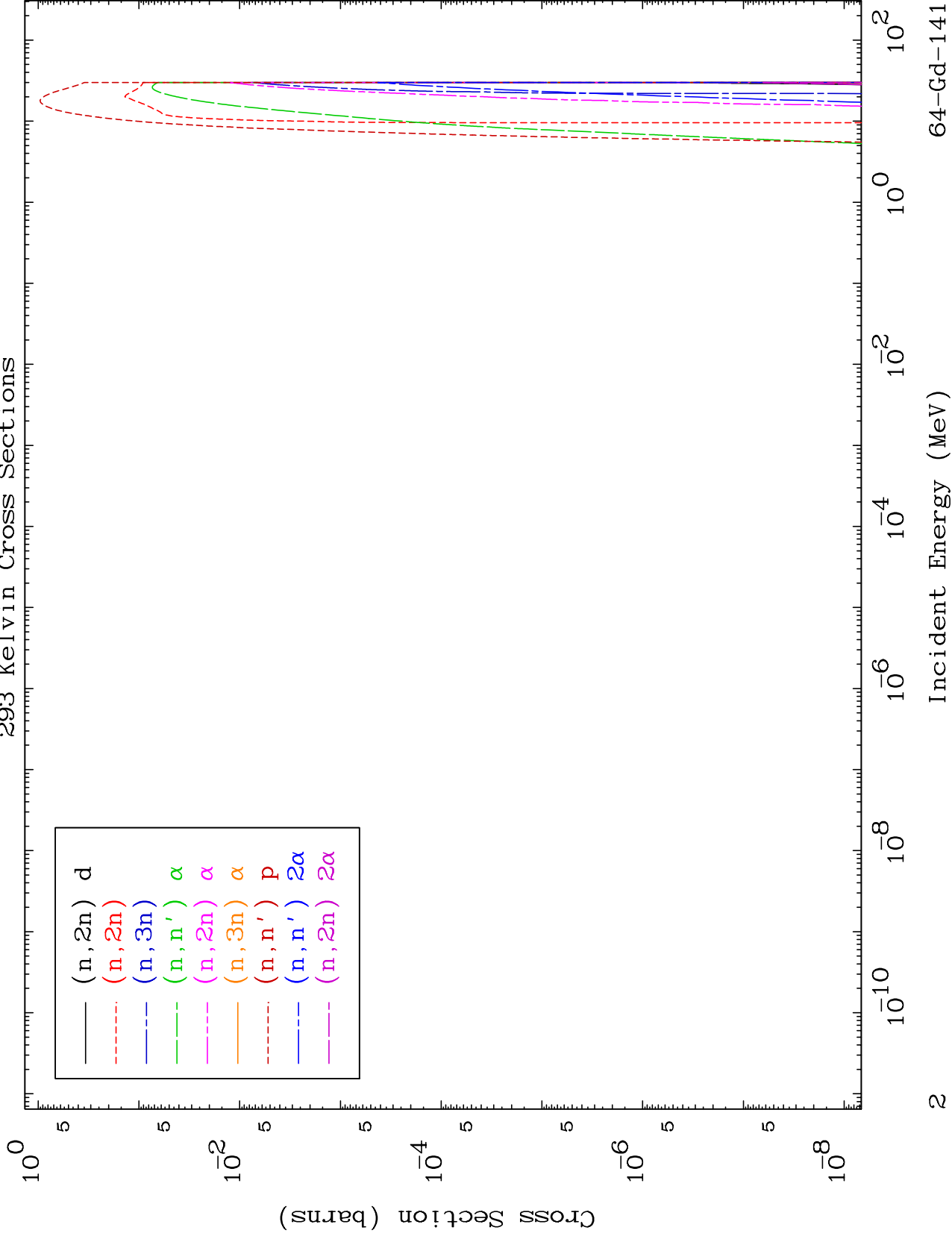
64-Gd-141



MAT 6392

Neutron Absorption
293 Kelvin Cross Sections

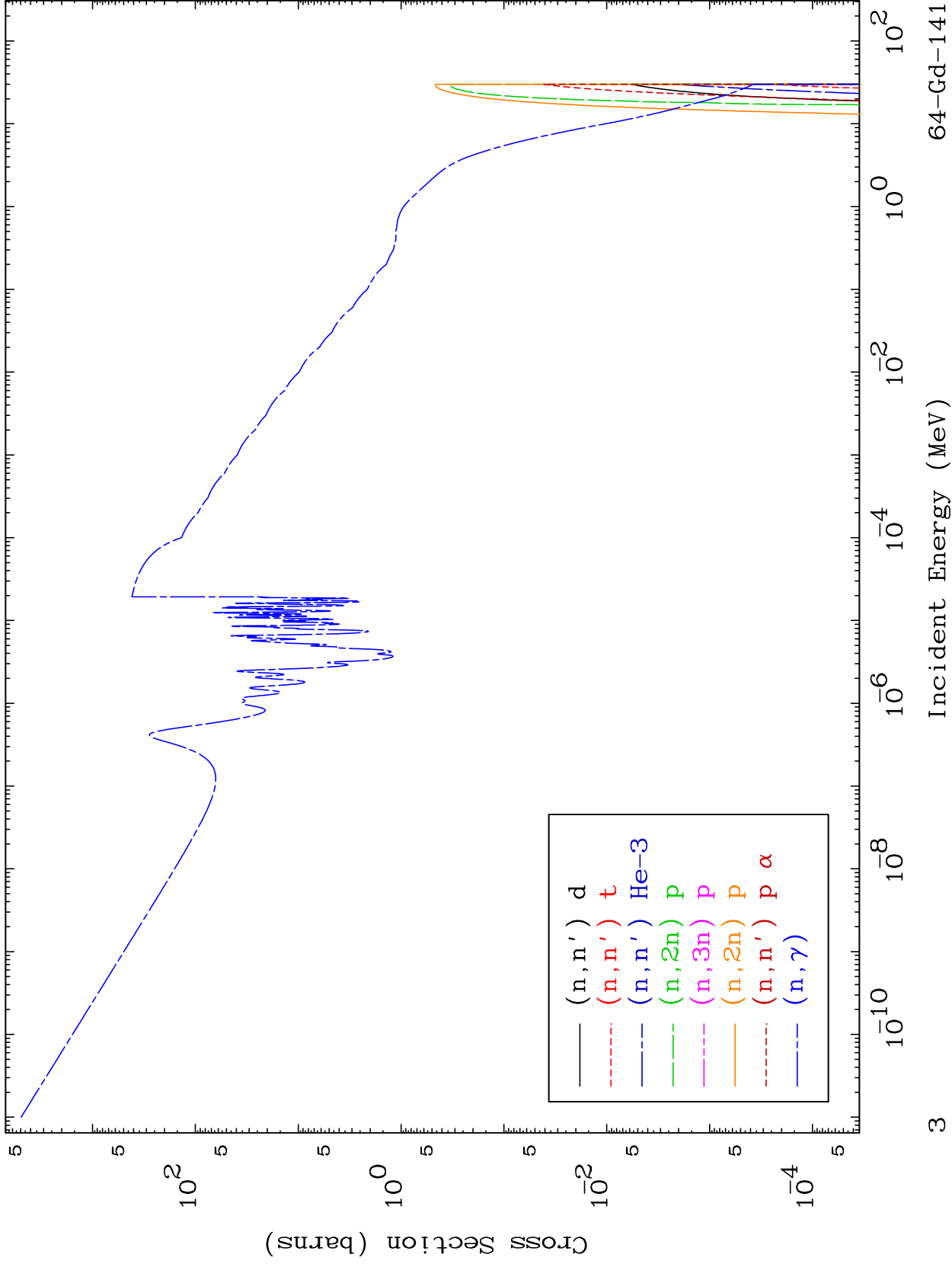
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MAT 6392

Neutron Absorption
293 Kelvin Cross Sections

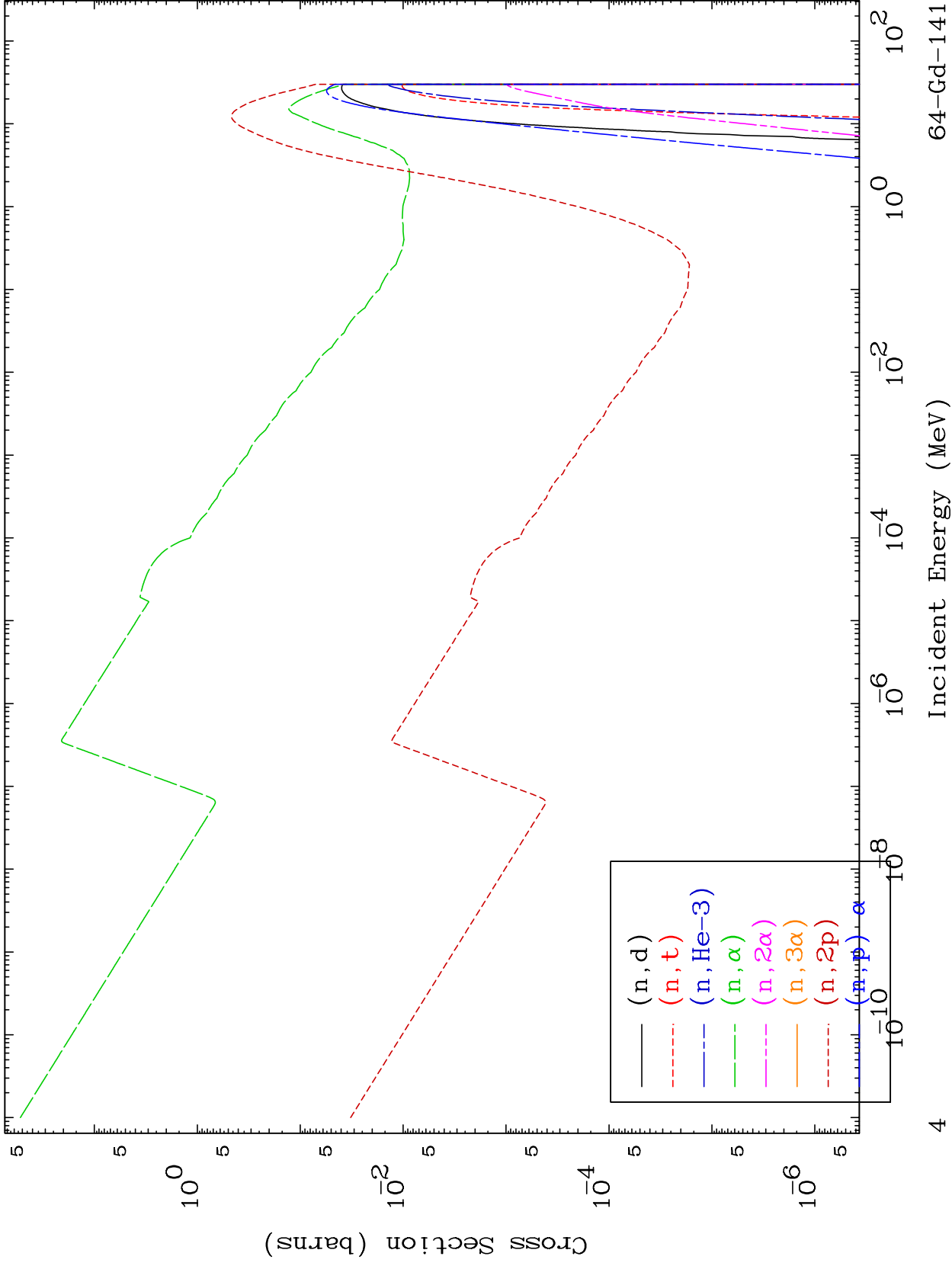
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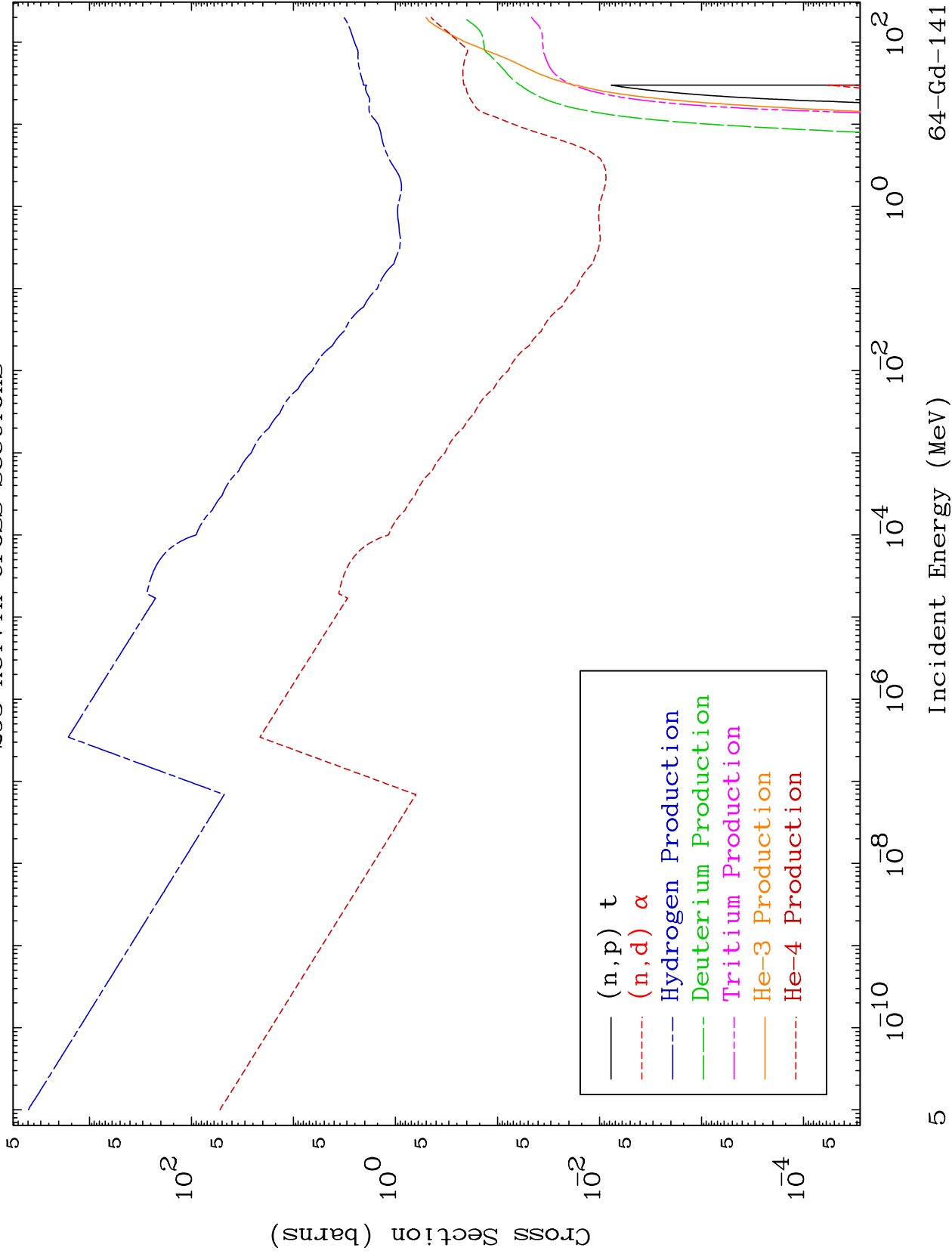


MAT 6392

Neutron Absorption
293 Kelvin Cross Sections

64-Gd-141

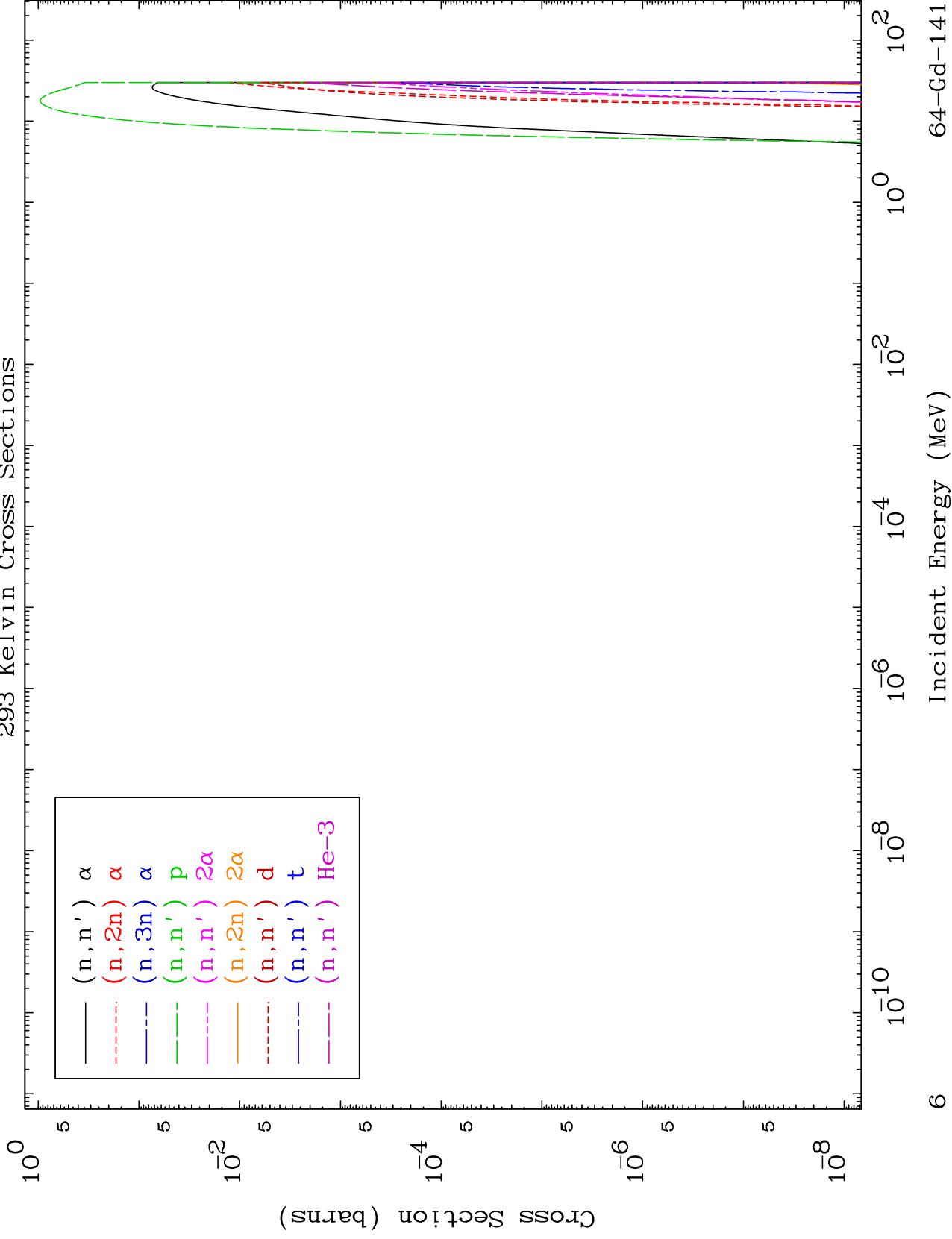




MAT 6392

Charged Particle
293 Kelvin Cross Sections

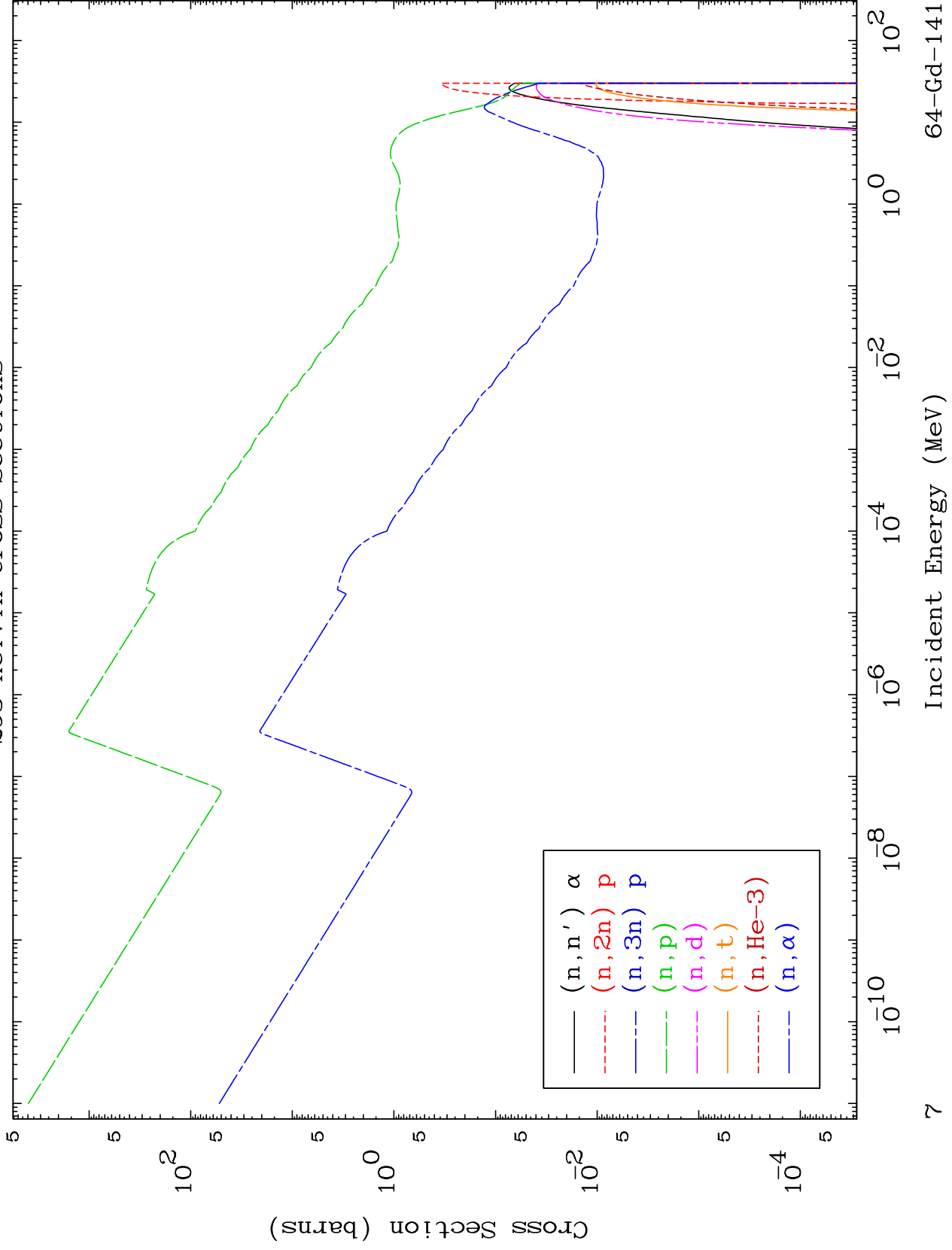
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MAT 6392

Charged Particle
293 Kelvin Cross Sections

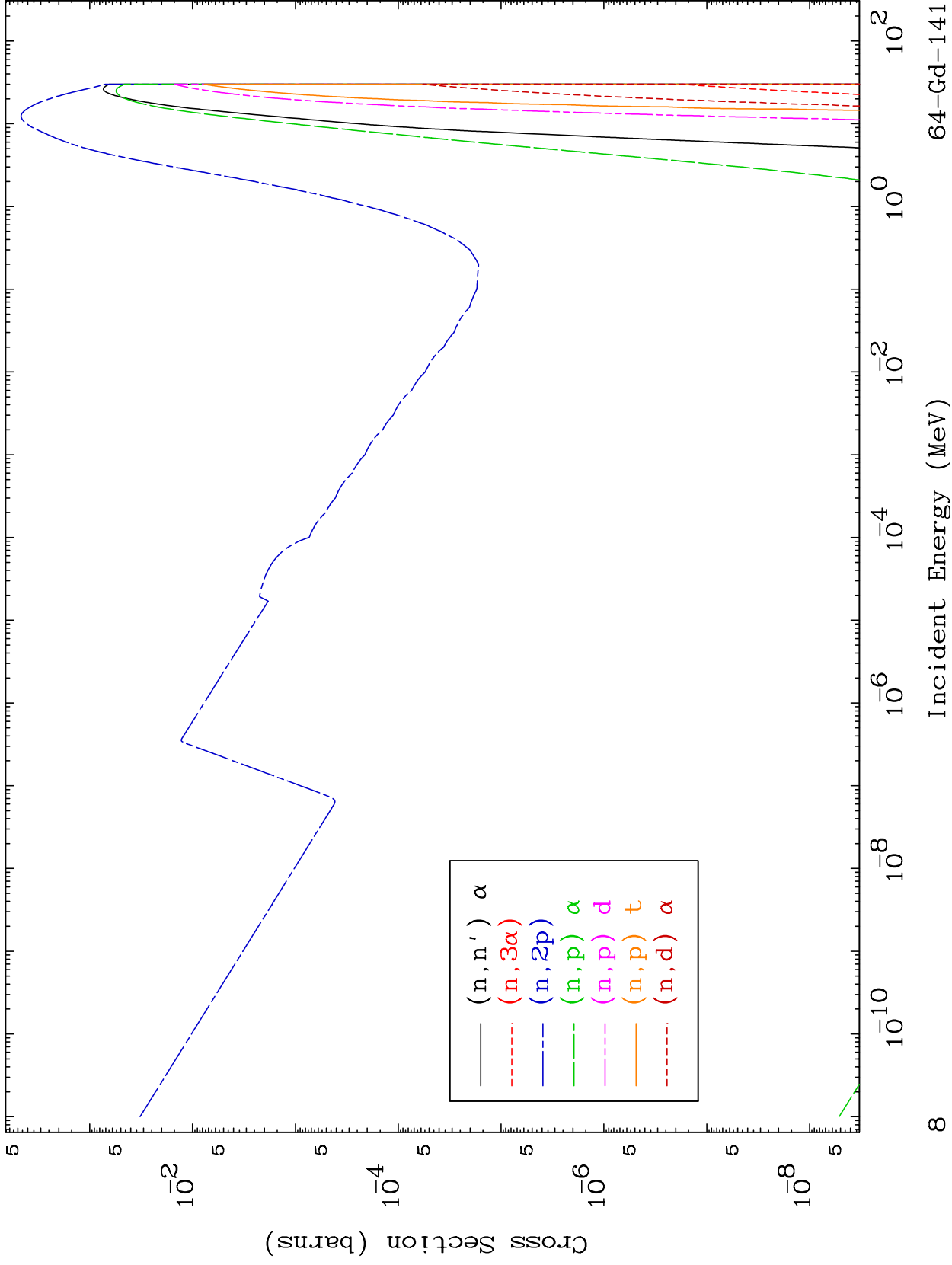
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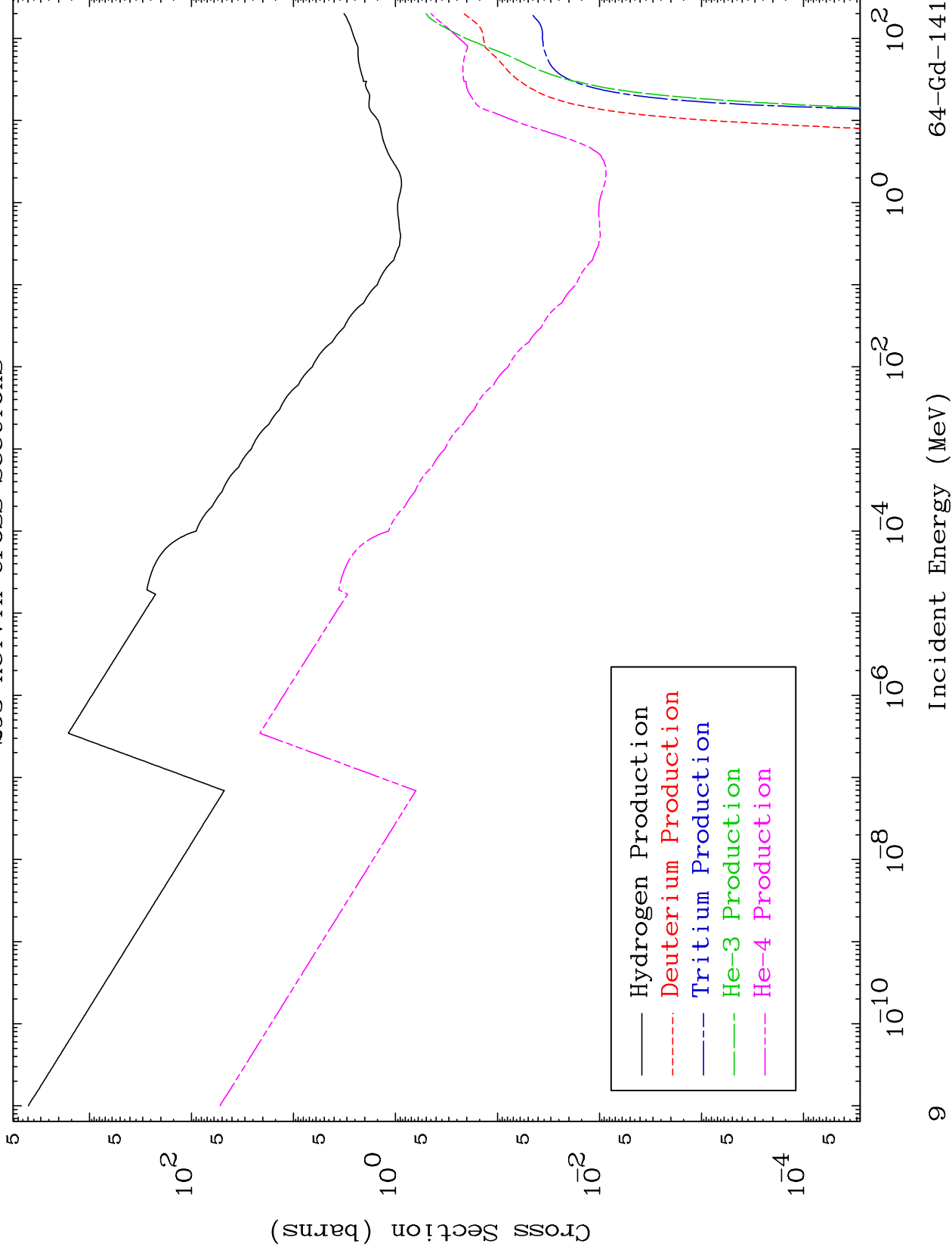


MAT 6392

Charged Particle
293 Kelvin Cross Sections

64-Gd-141



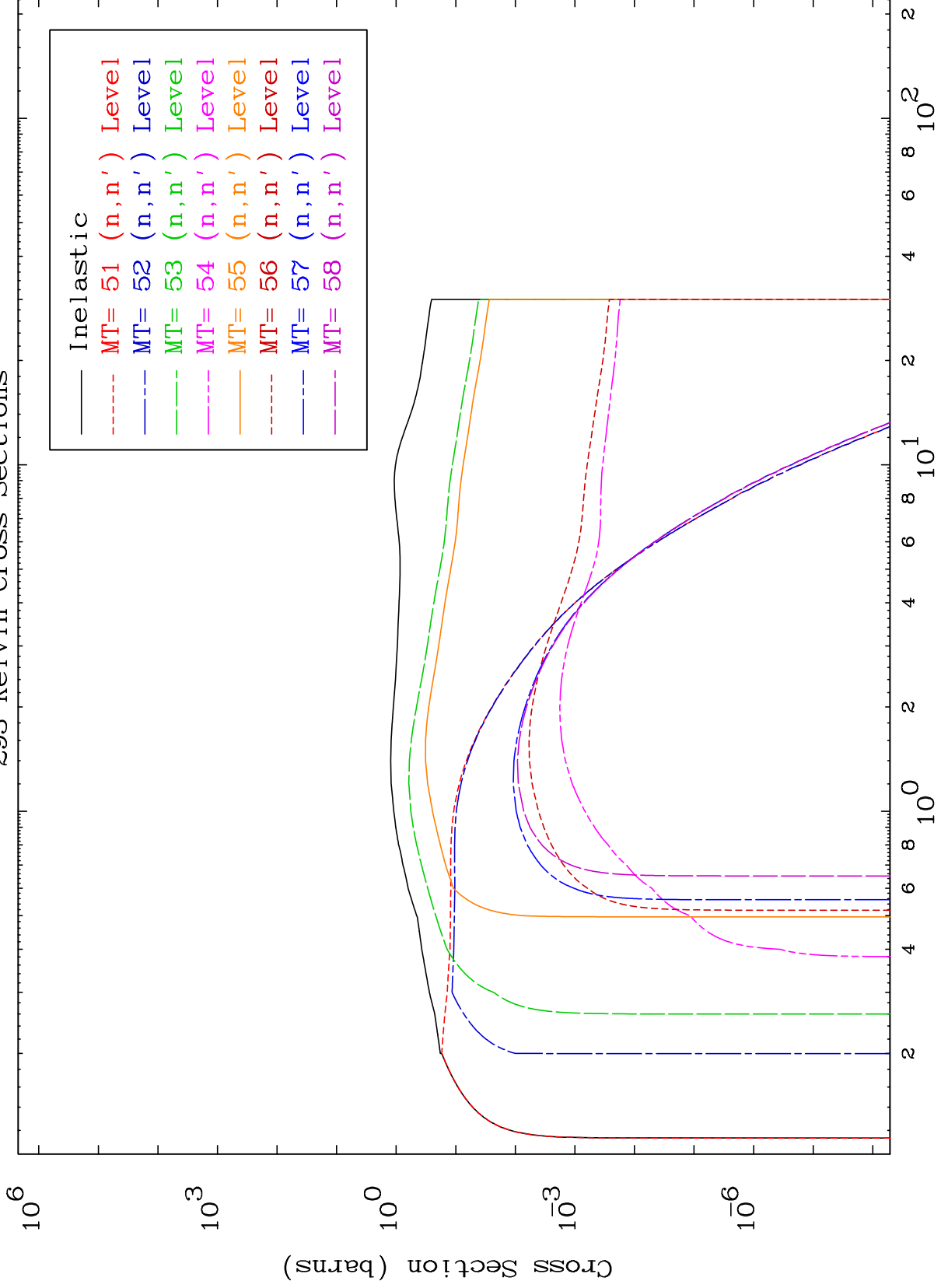


MAT 6392

(n,n') Levels

64-Gd-141

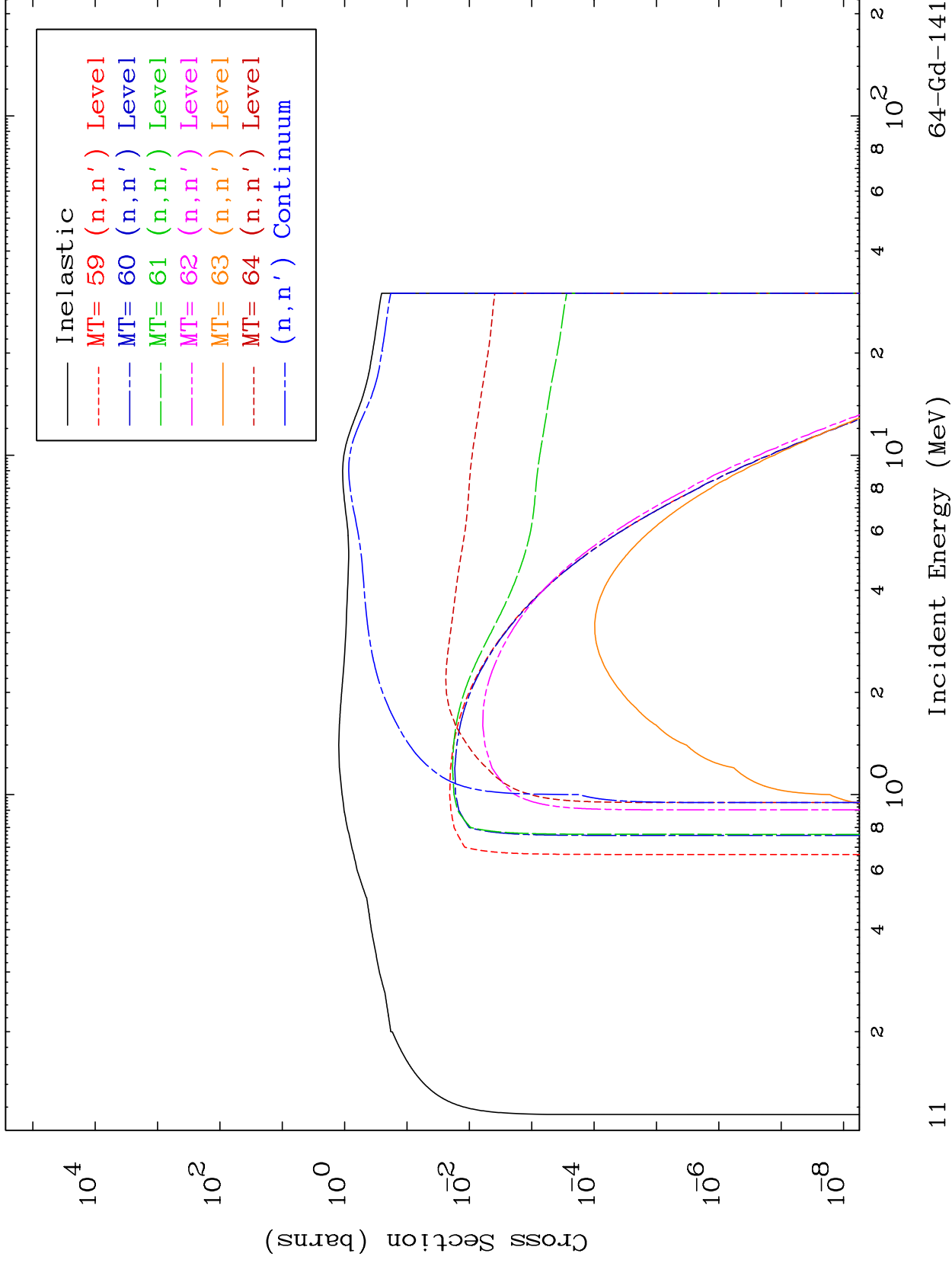
293 Kelvin Cross Sections



10

Incident Energy (MeV)

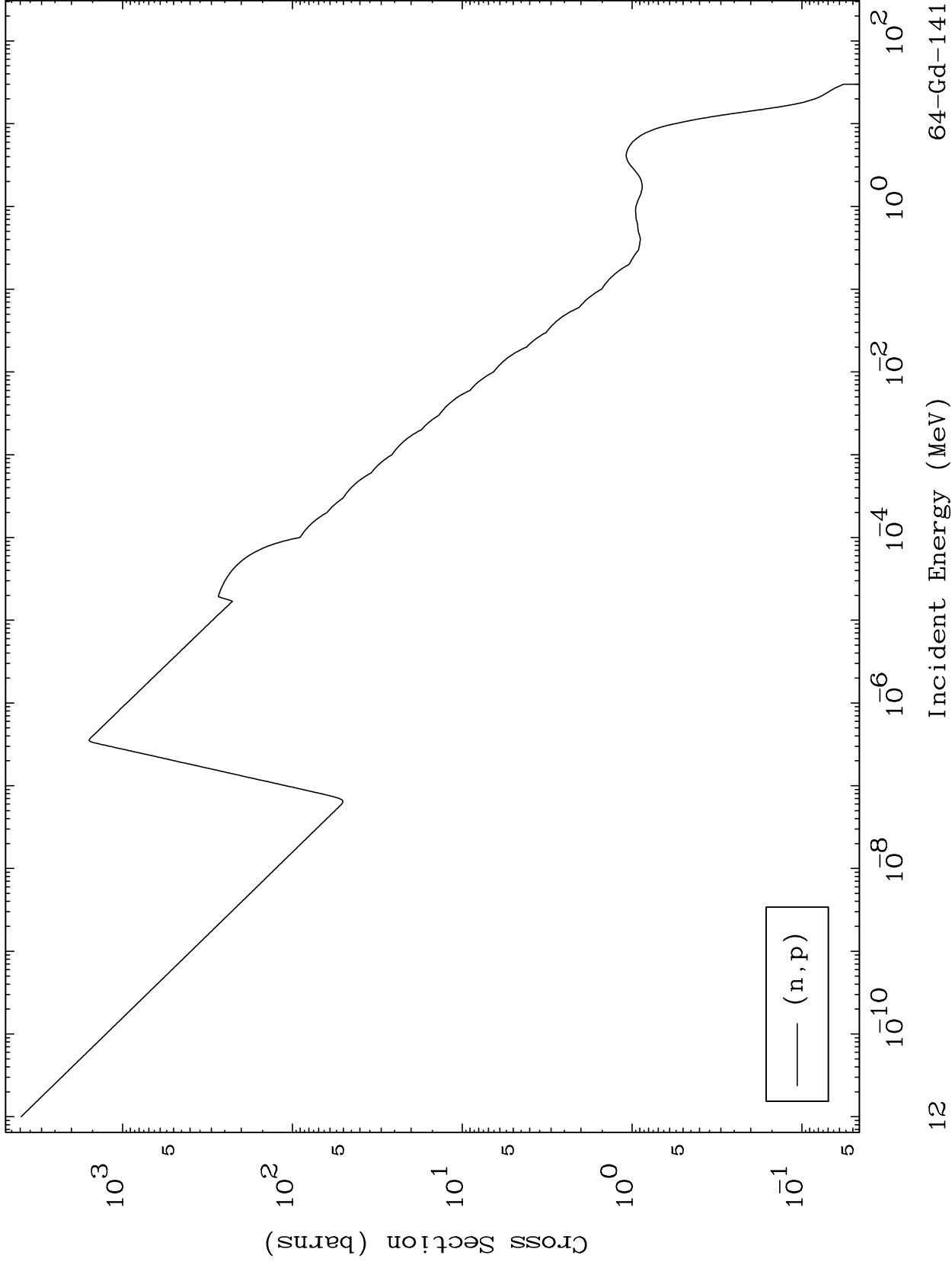
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MAT 6392

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-141



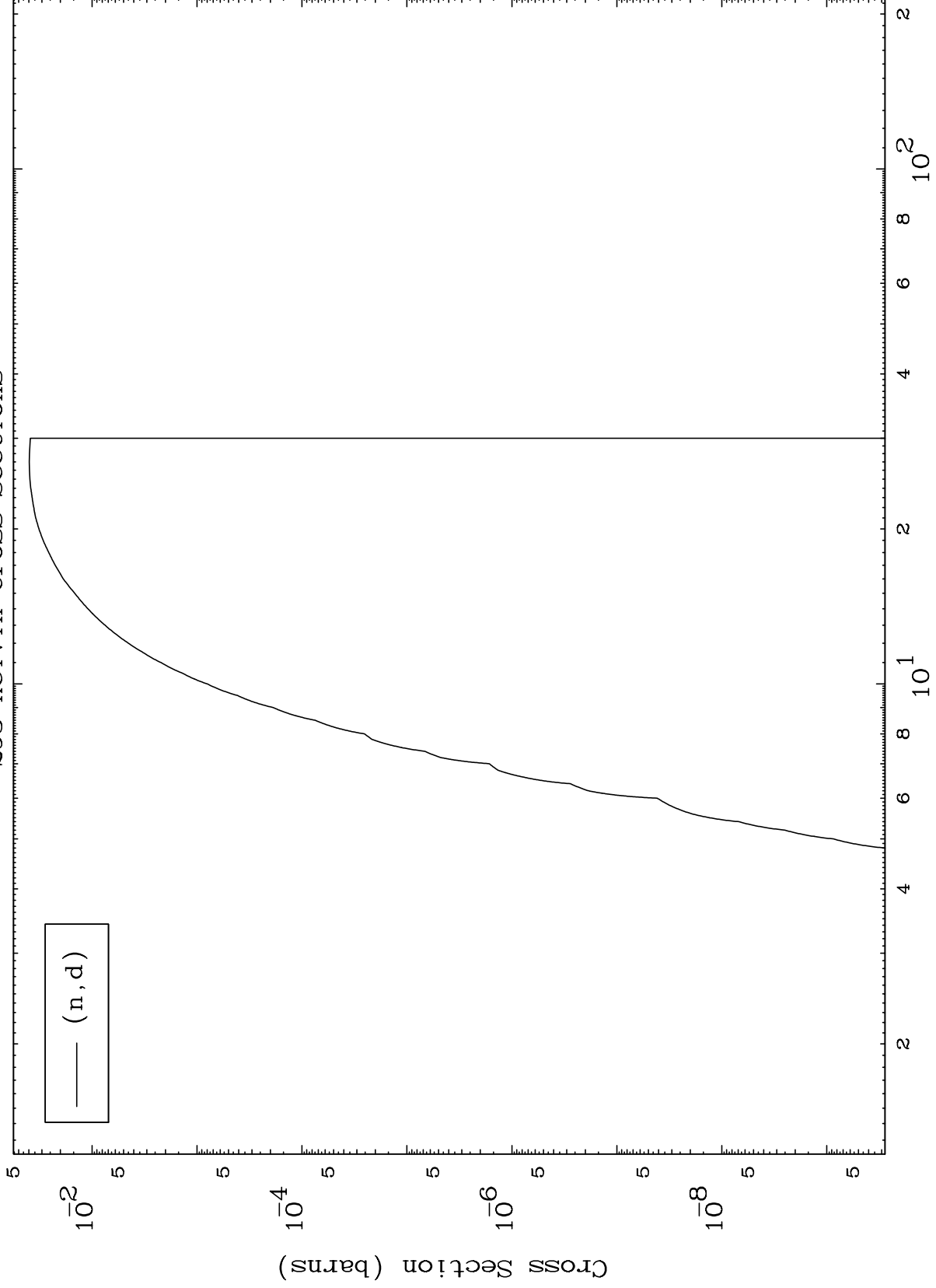
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64-Gd-141

MAT 6392

(n,d) Levels
293 Kelvin Cross Sections

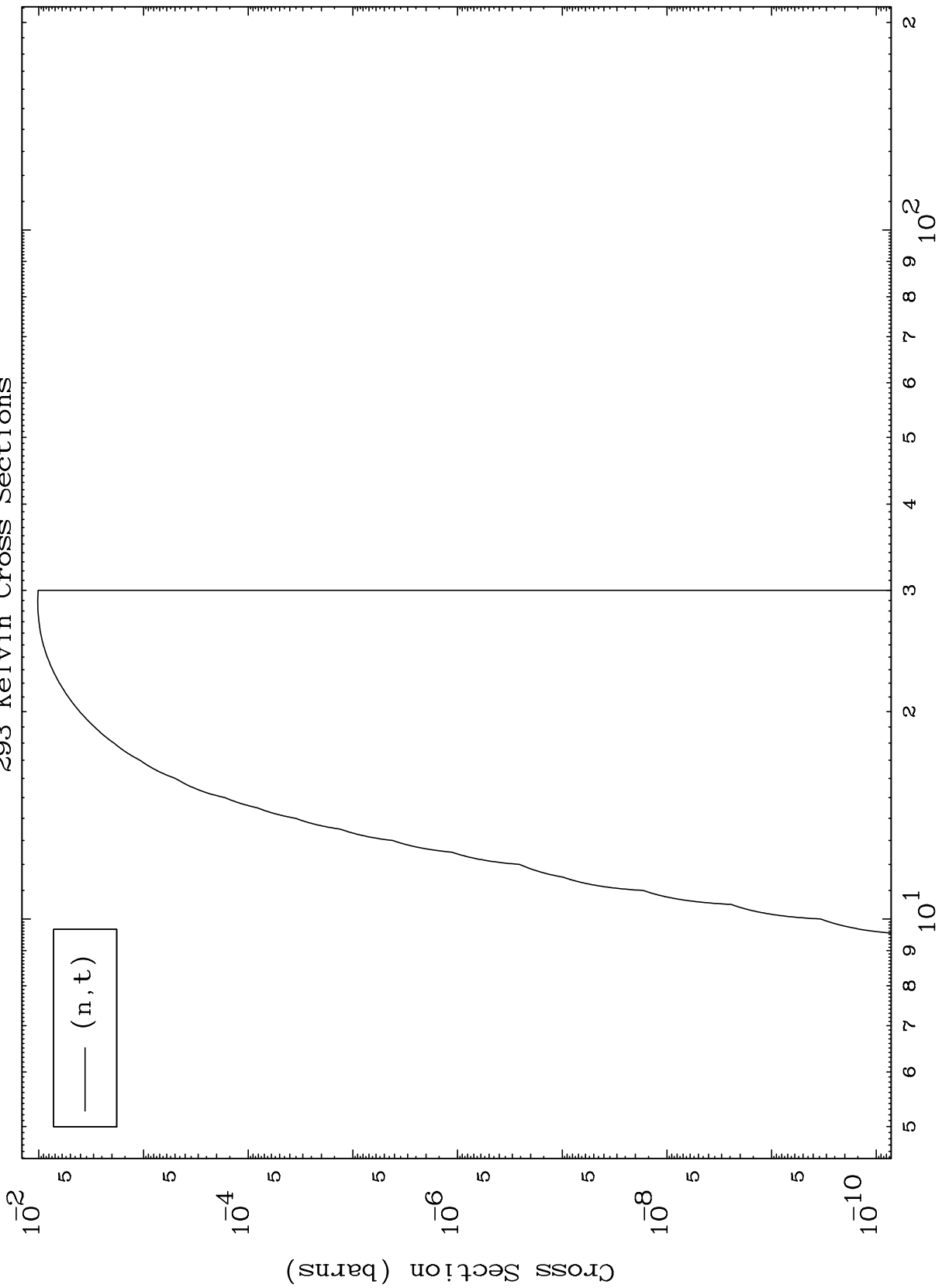
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MAT 6392

64-Gd-141

(n,t) Levels
293 Kelvin Cross Sections



(n,t)

64-Gd-141

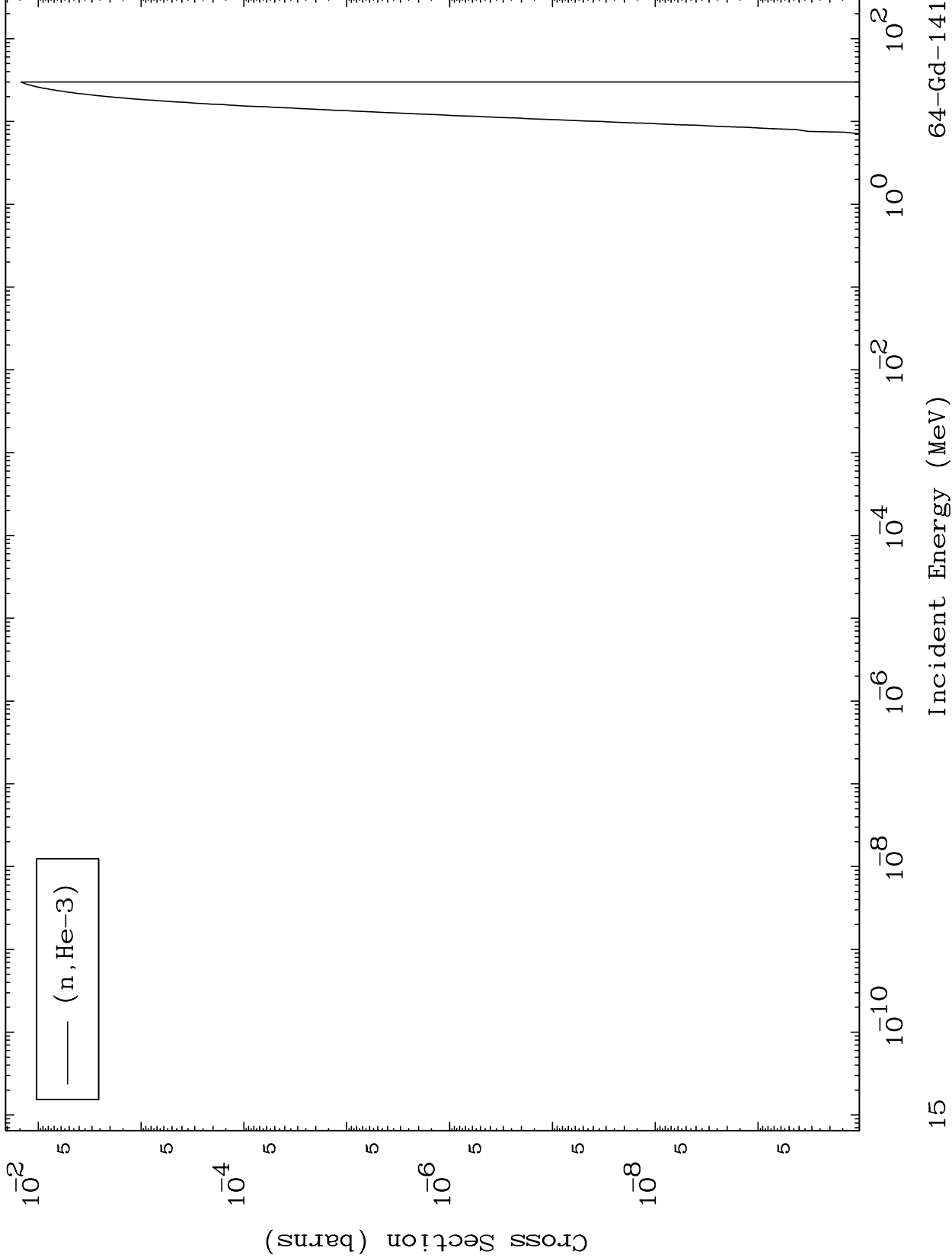
Incident Energy (MeV)

14

MAT 6392

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-141

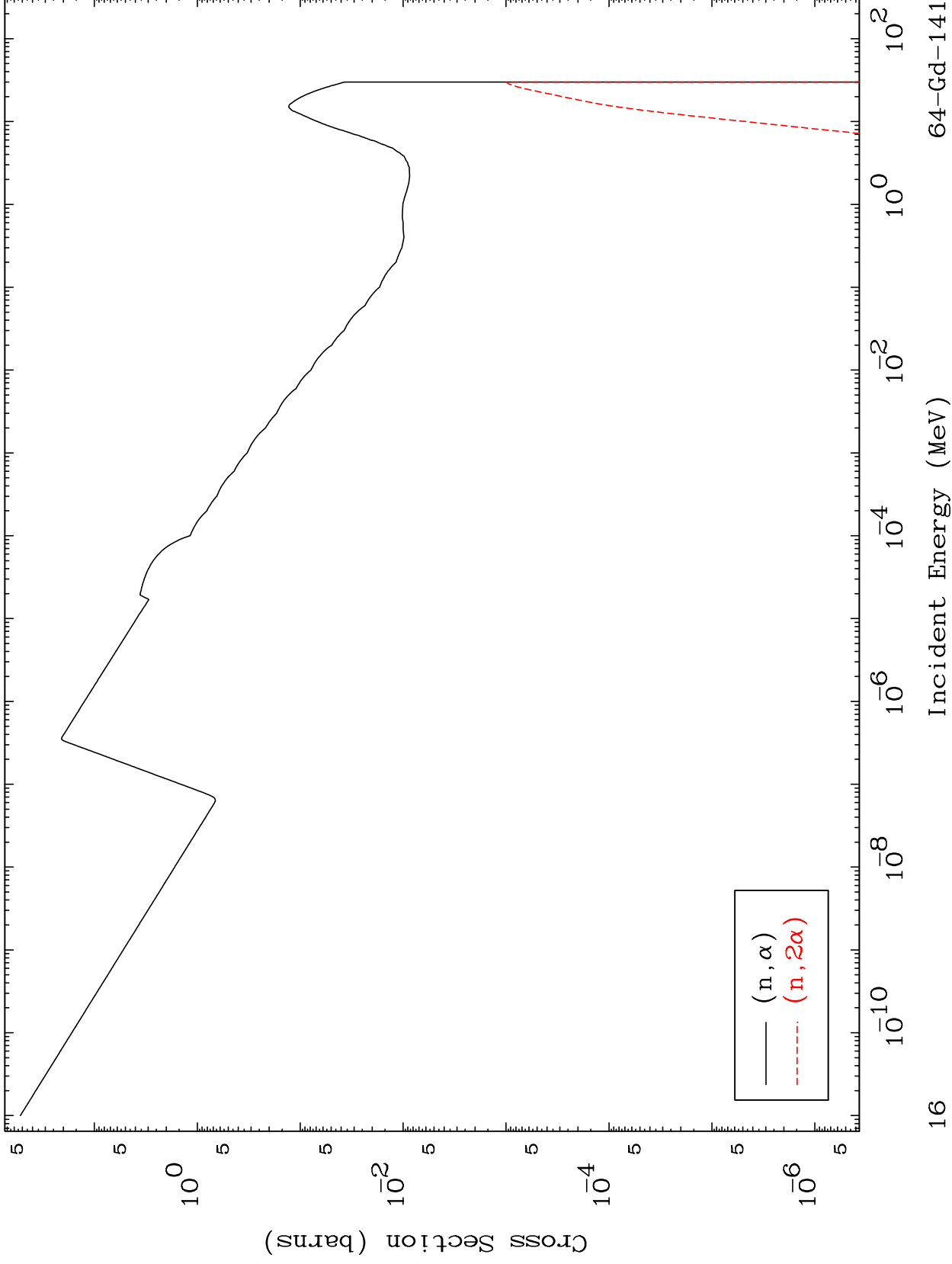


(n, He-3)

MAT 6392

(n, α) Levels
293 Kelvin Cross Sections

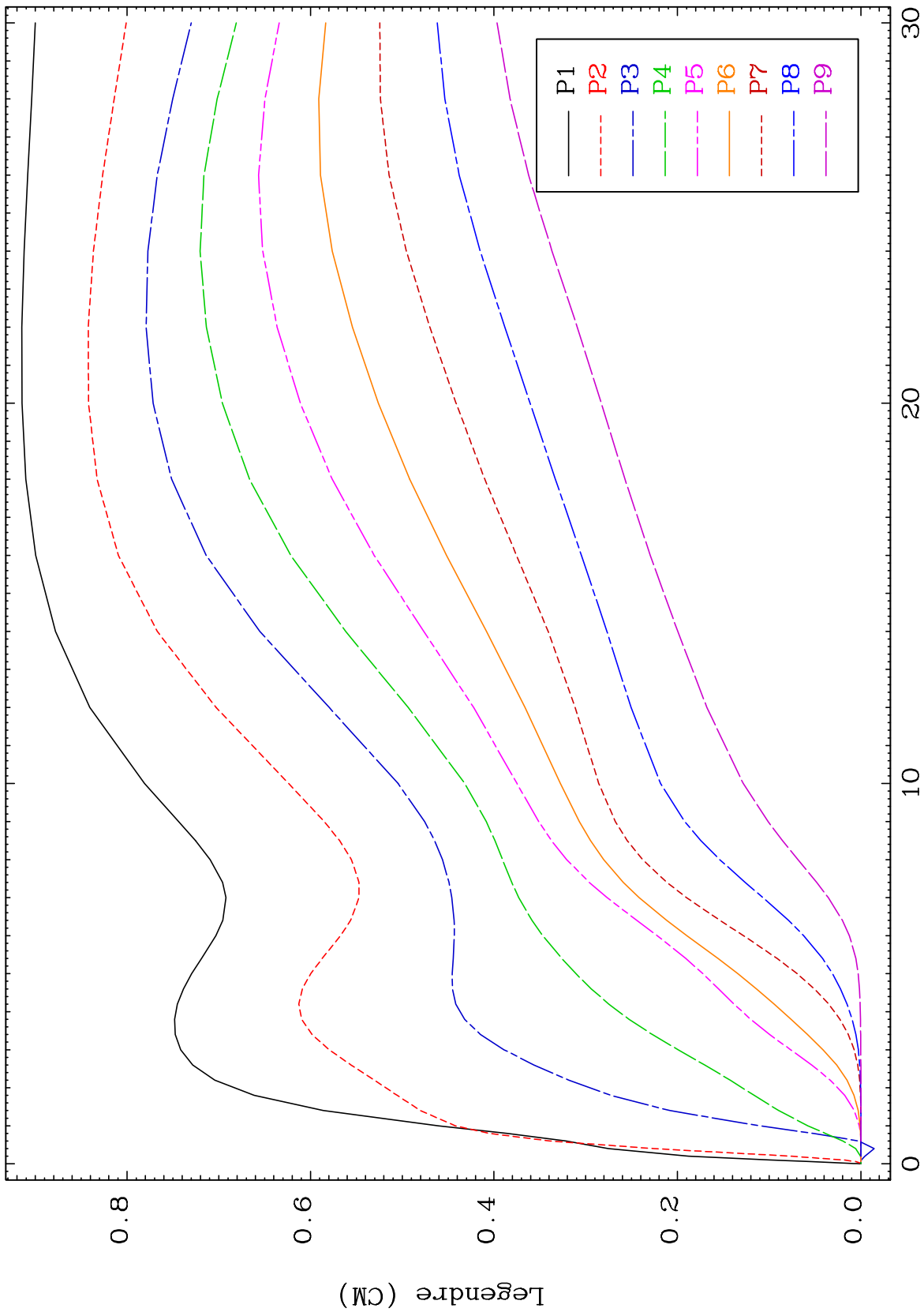
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MAT 6392

64-Gd-141

Elastic Legendre Coefficients



17

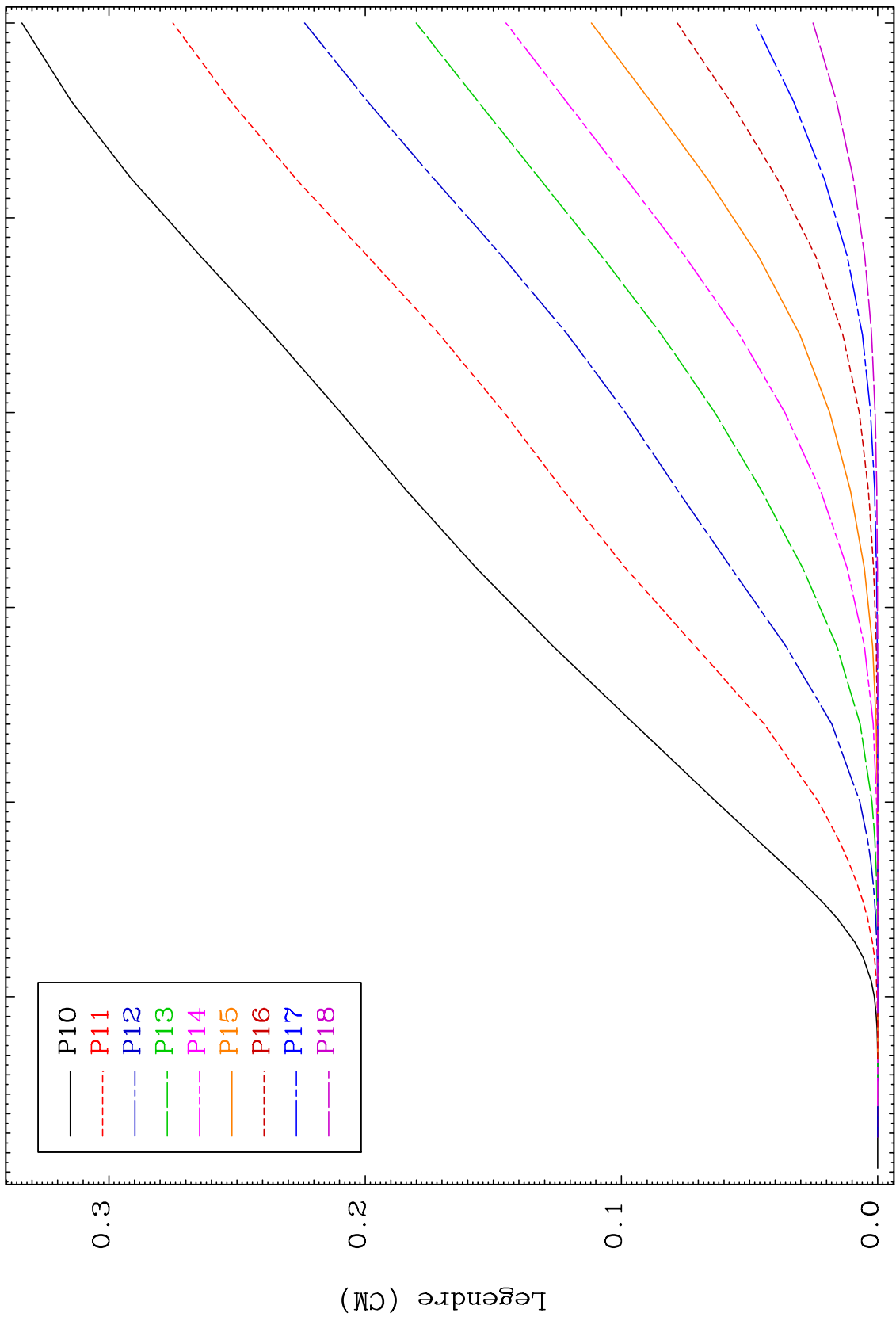
Incident Energy (MeV)

64-Gd-141

MAT 6392

Elastic Legendre Coefficients

64-Gd-141



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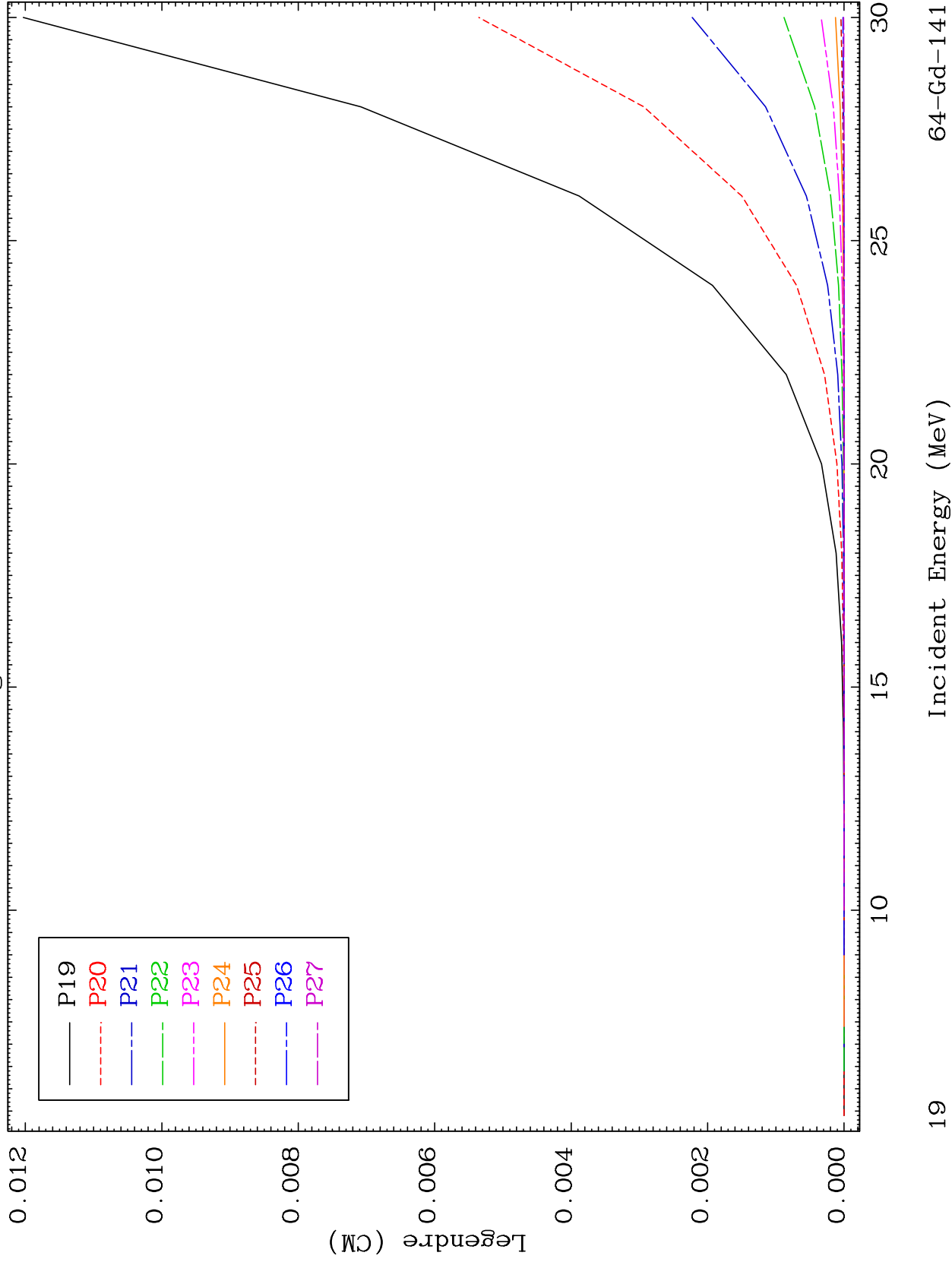
Incident Energy (MeV)

64-Gd-141

MAT 6392

Elastic
Legendre Coefficients

64-Gd-141



19

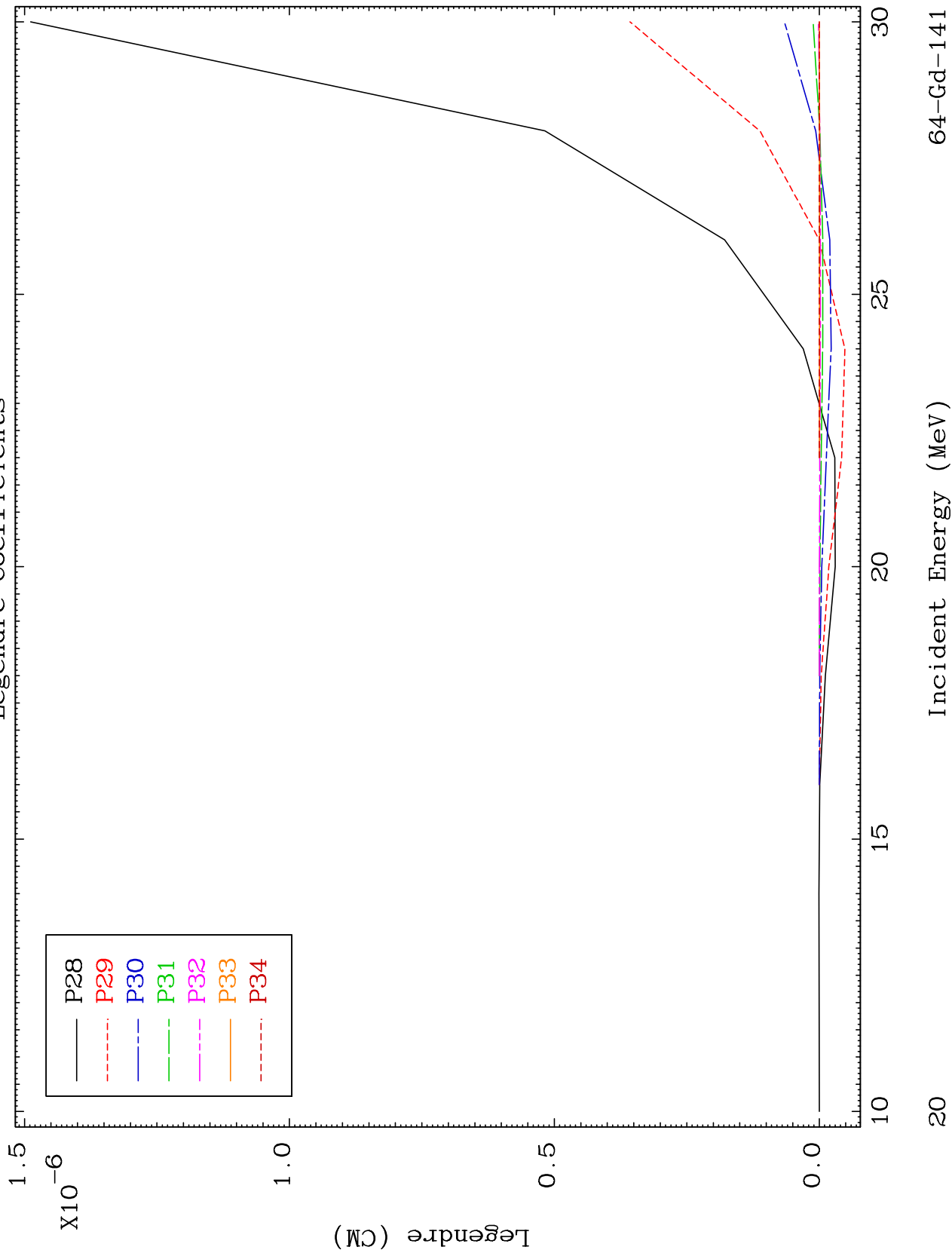
Incident Energy (MeV)

64-Gd-141

MAT 6392

Elastic Legendre Coefficients

64-Gd-141



64-Gd-141

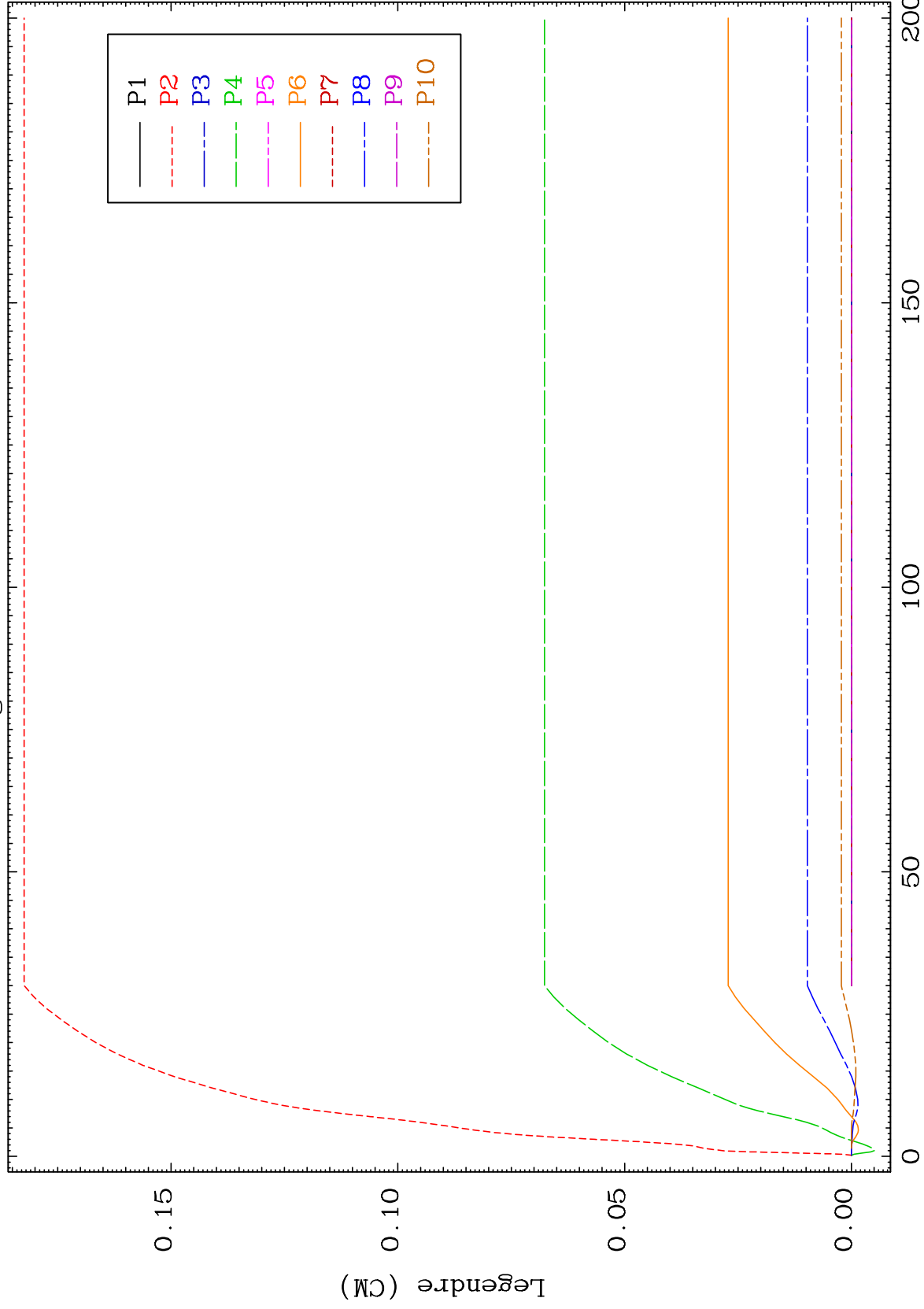
Incident Energy (MeV)

20

MAT 6392

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

64-Gd-141



64-Gd-141

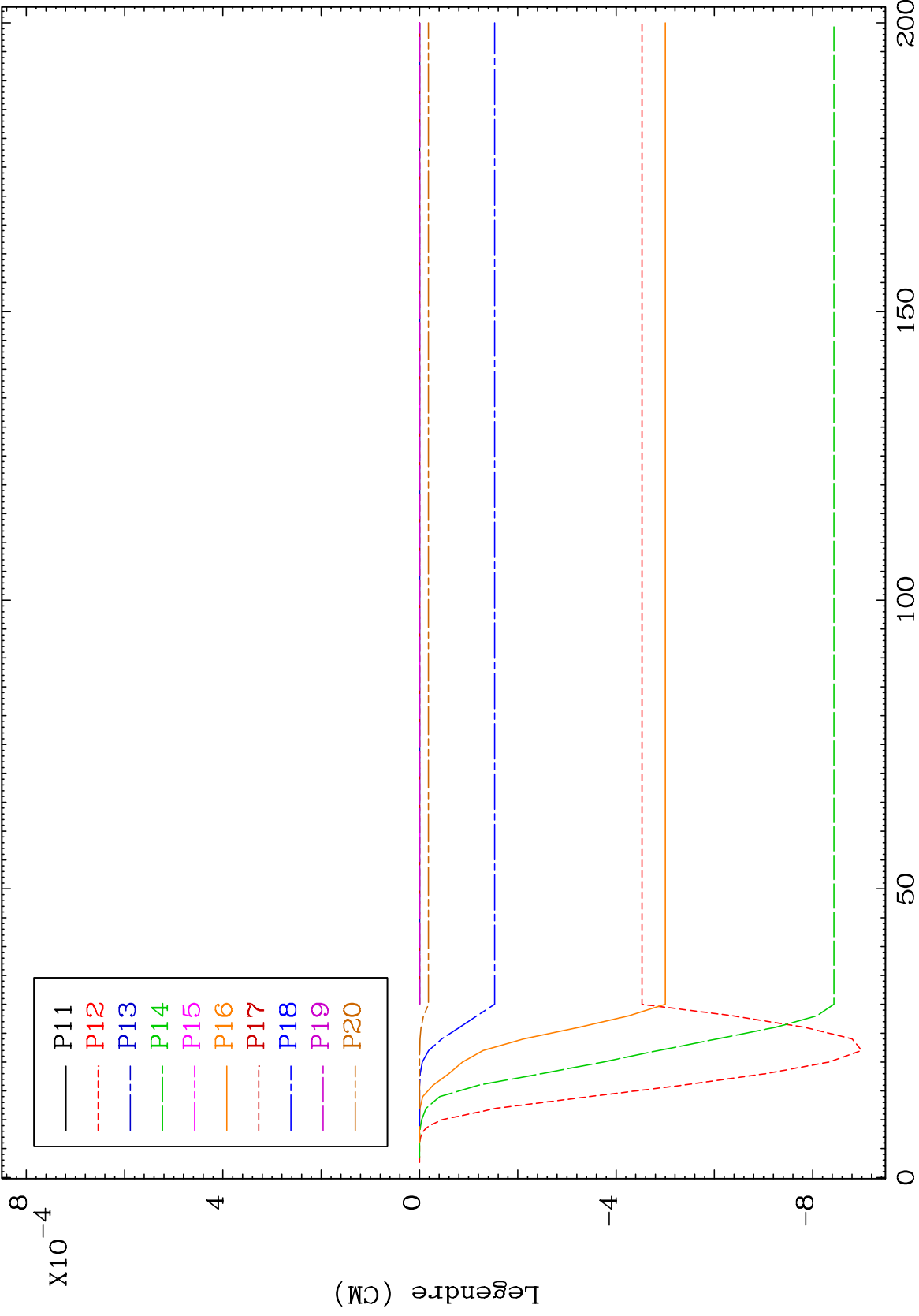
Incident Energy (MeV)

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MAT 6392

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

64-Gd-141



22

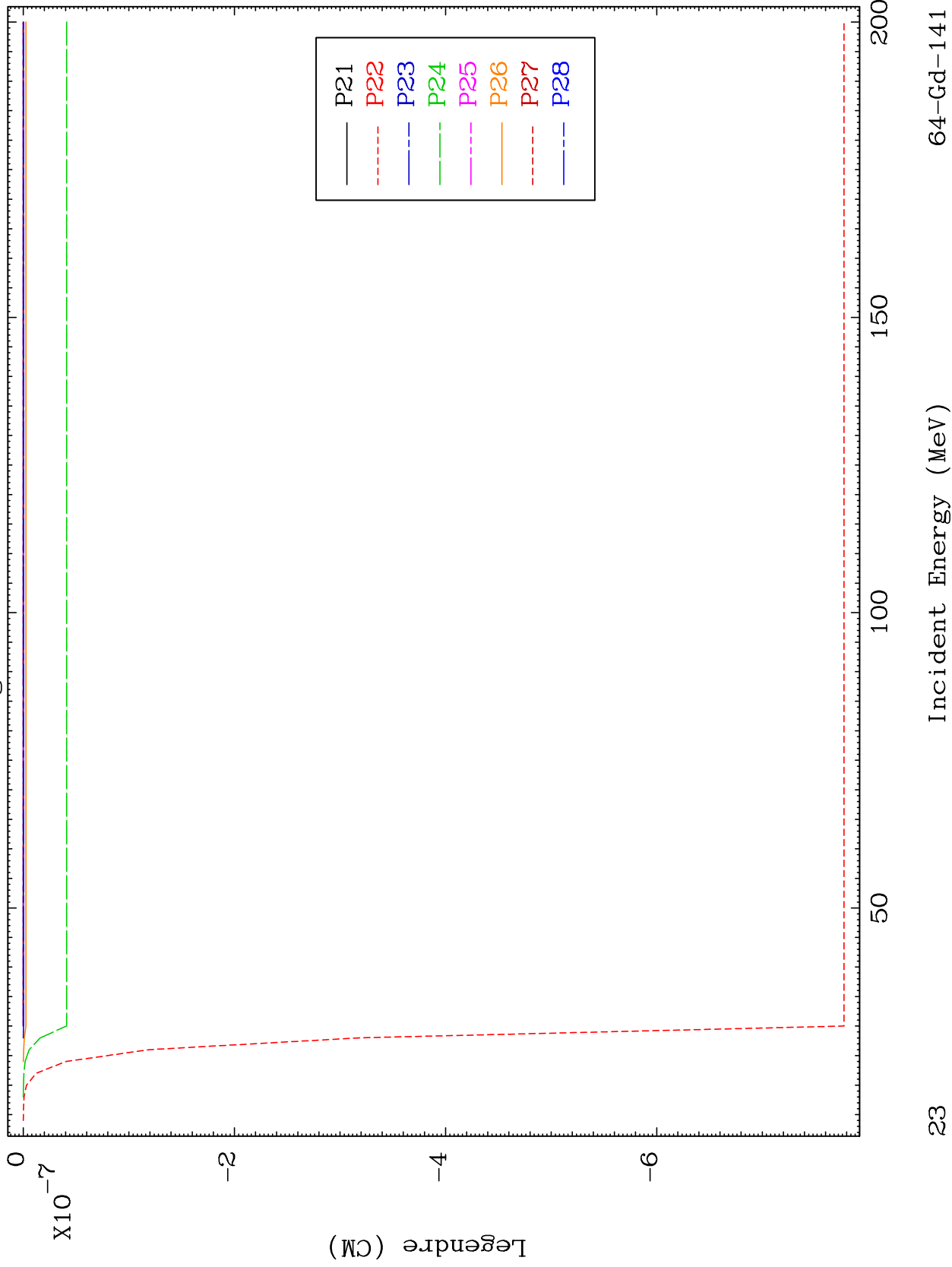
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

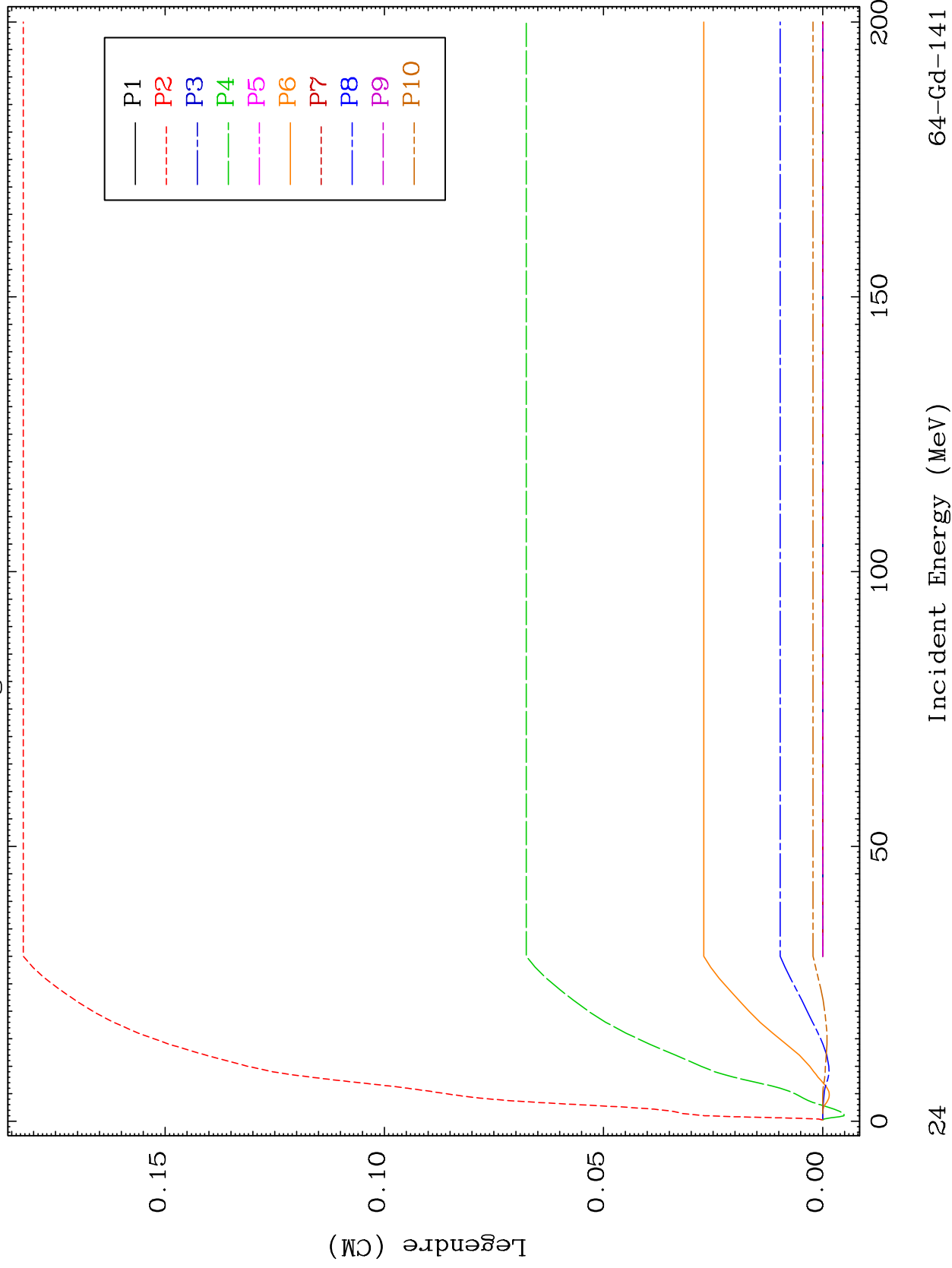
64-Gd-141



MAT 6392

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

64-Gd-141

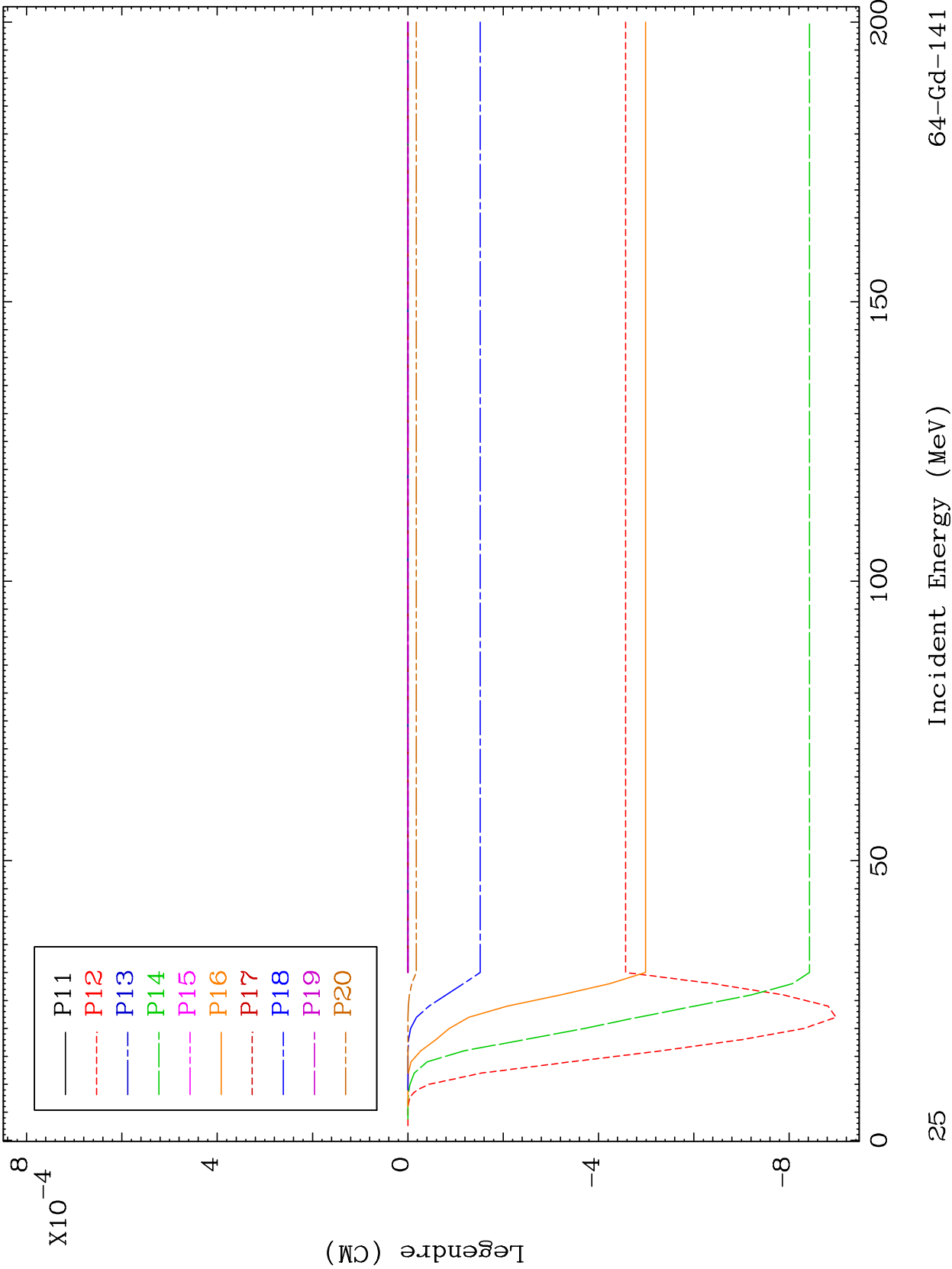


24

MAT 6392

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

64-Gd-141



25

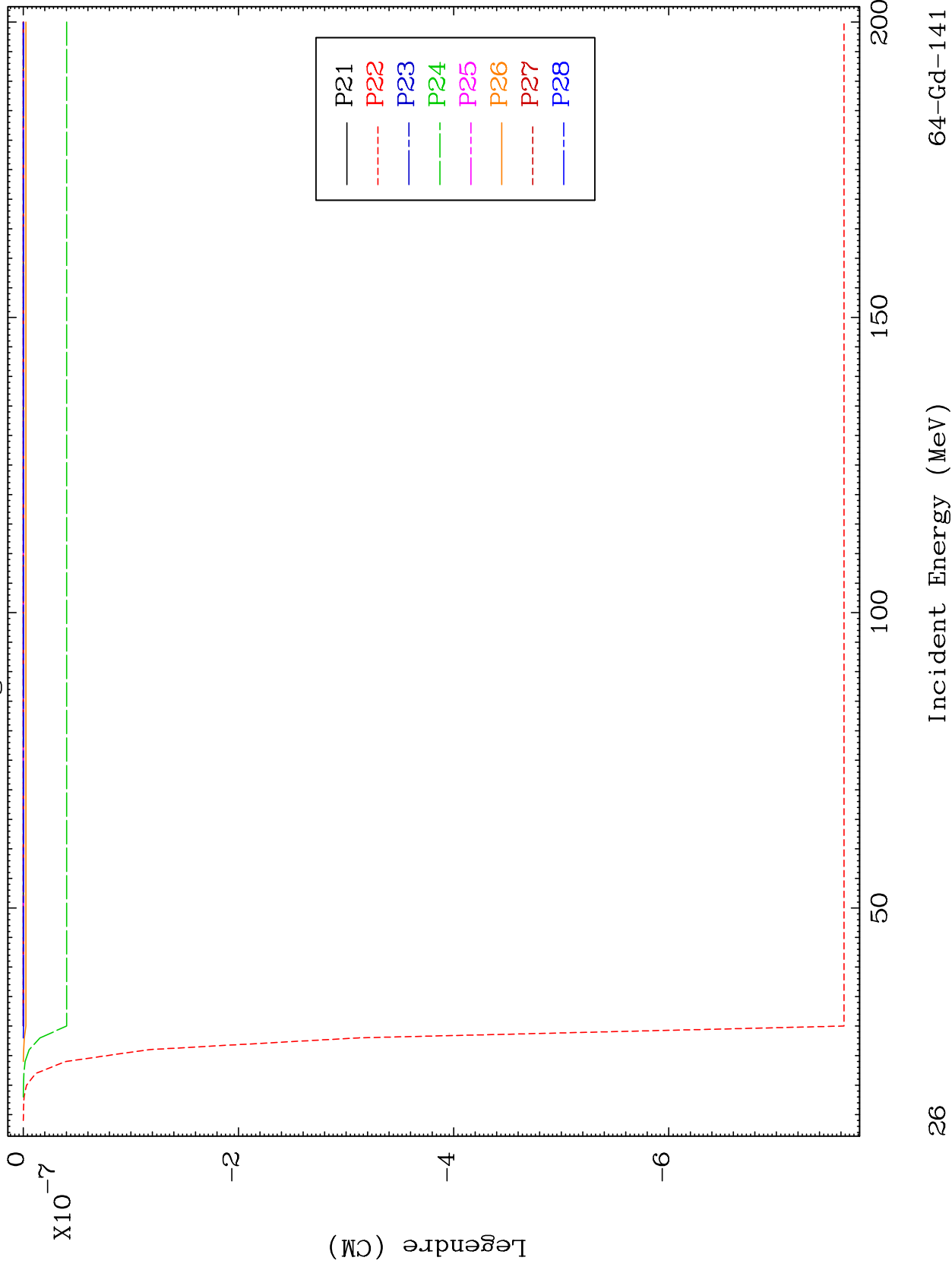
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

64-Gd-141



26

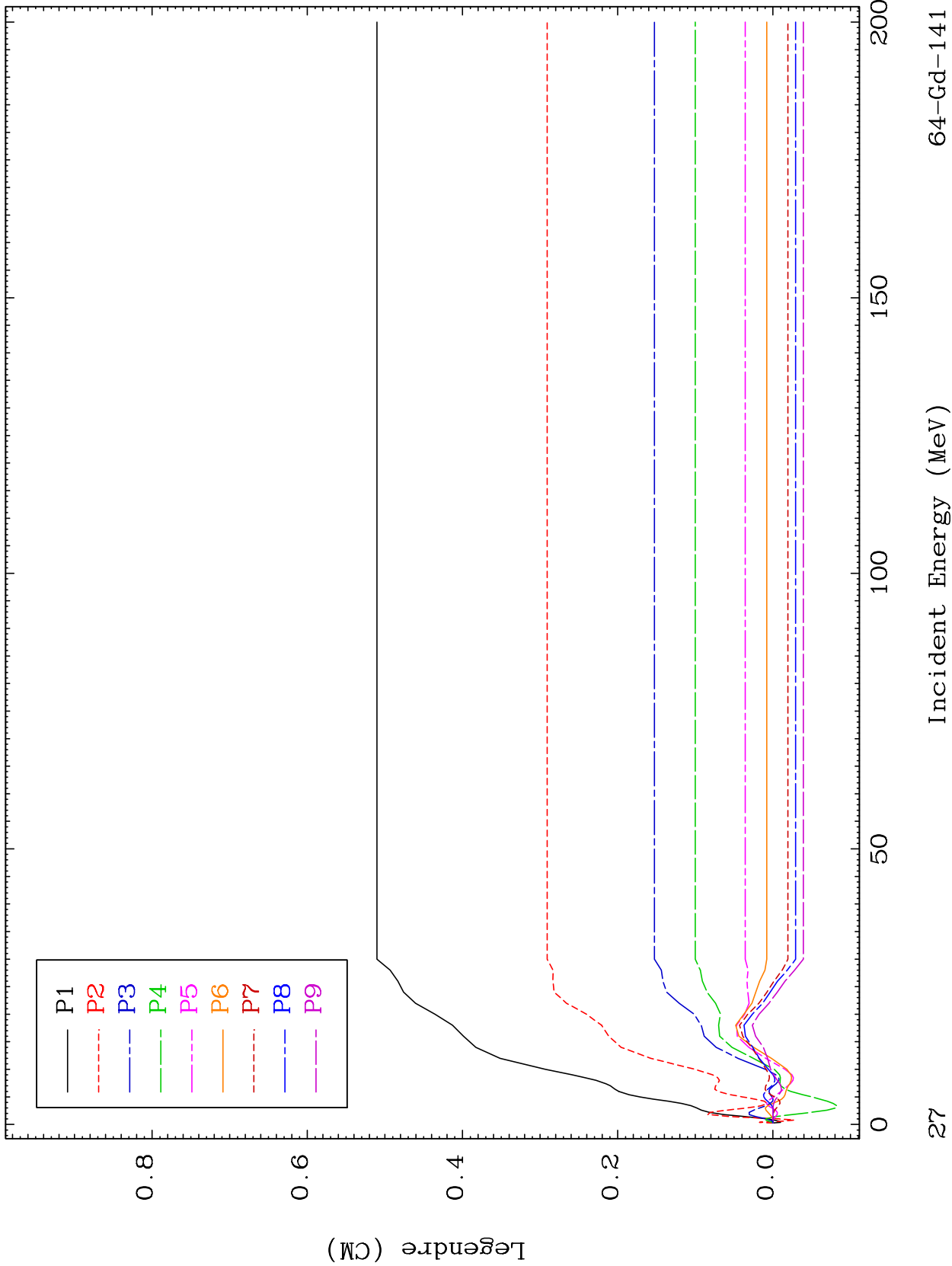
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

64-Gd-141



27

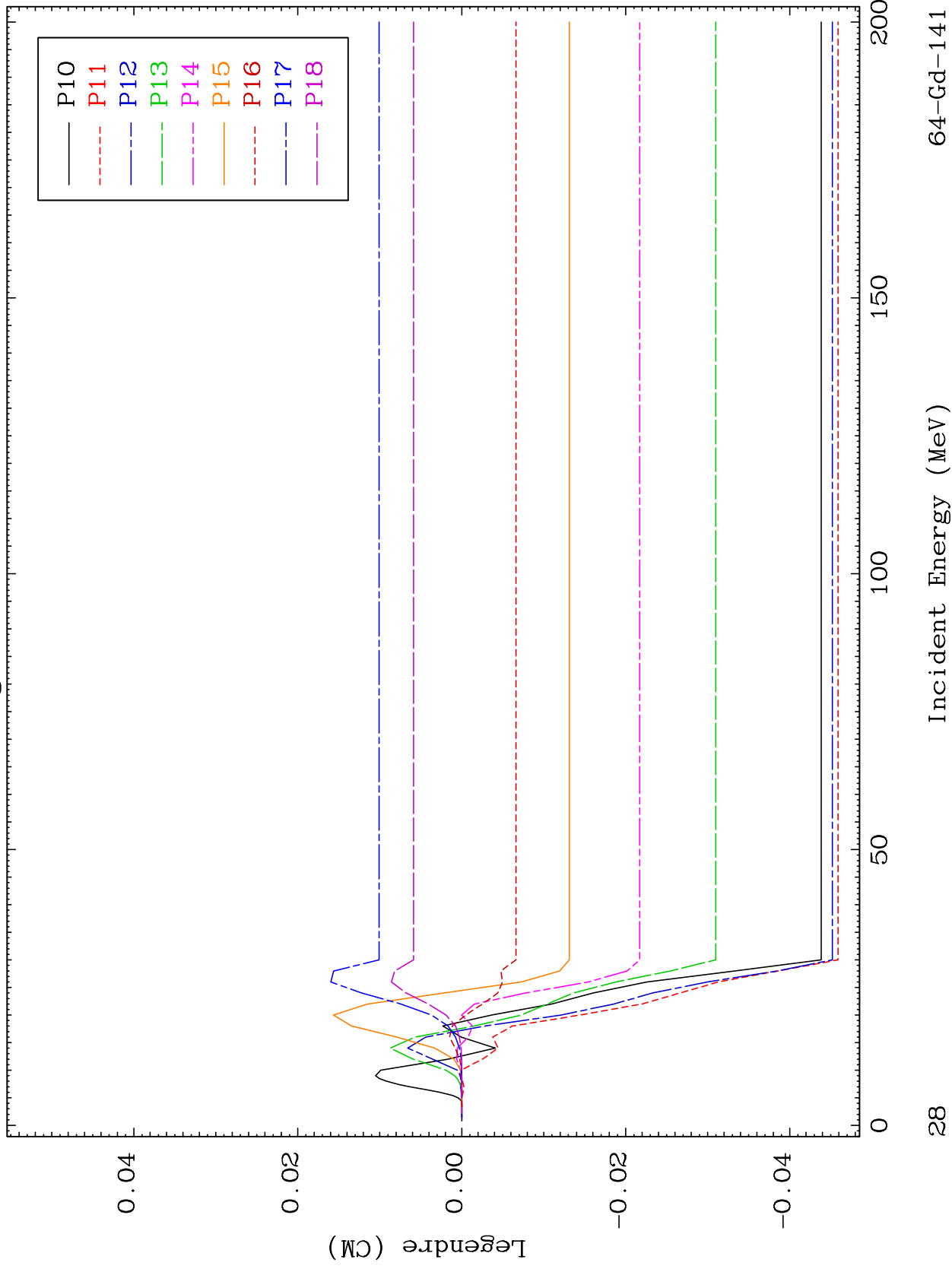
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

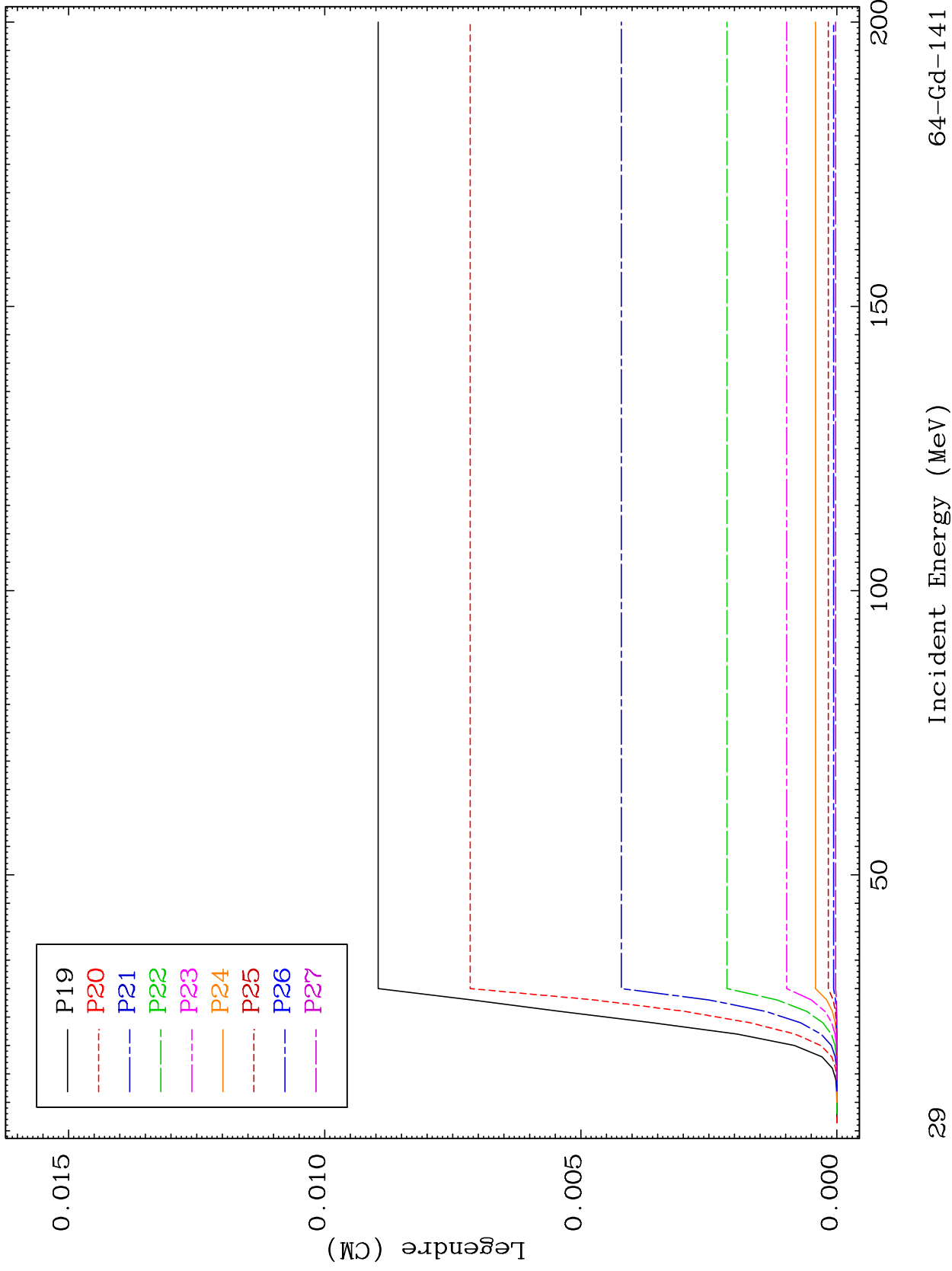
64-Gd-141



64-Gd-141

Incident Energy (MeV)

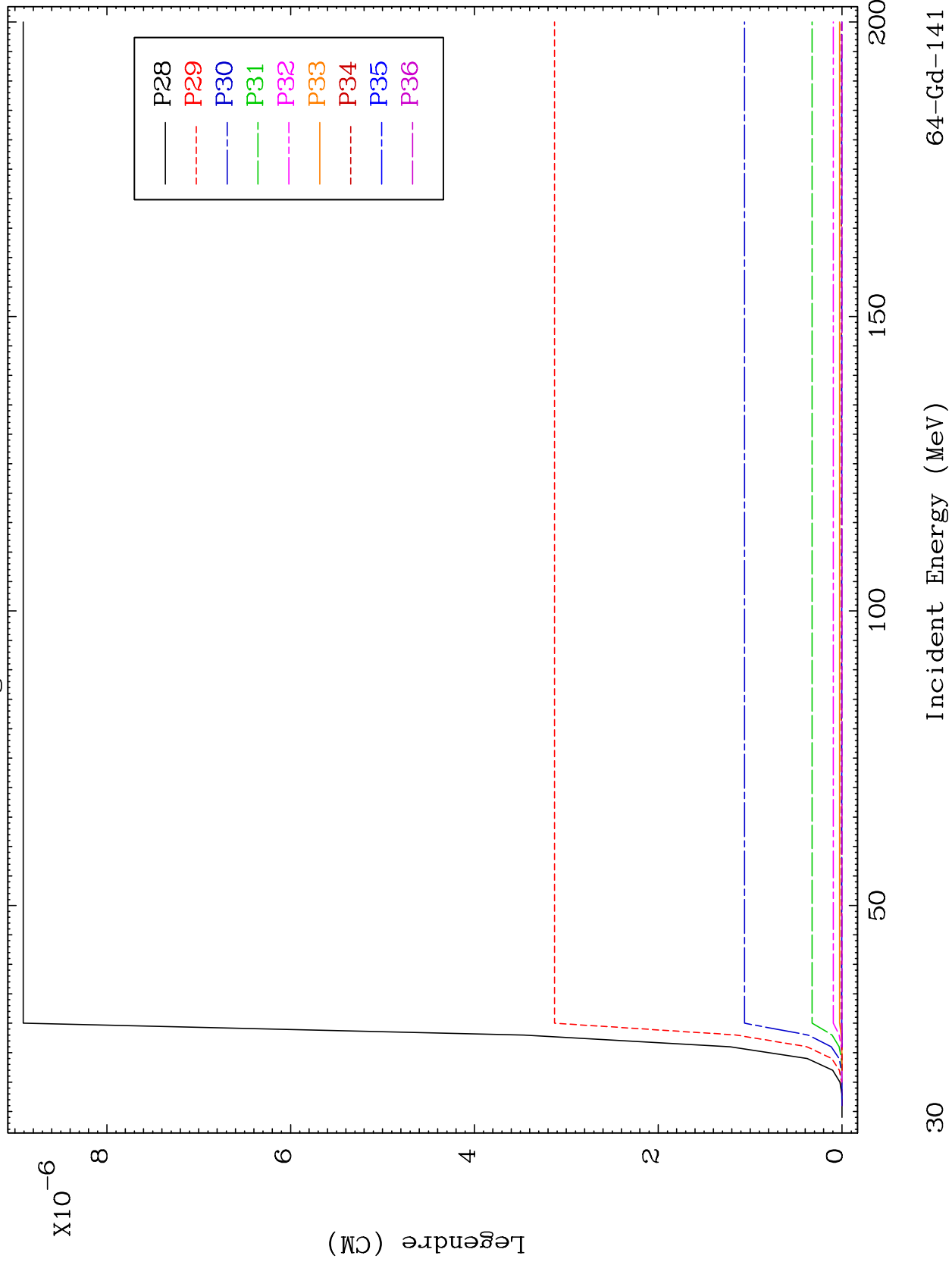
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MAT 6392

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

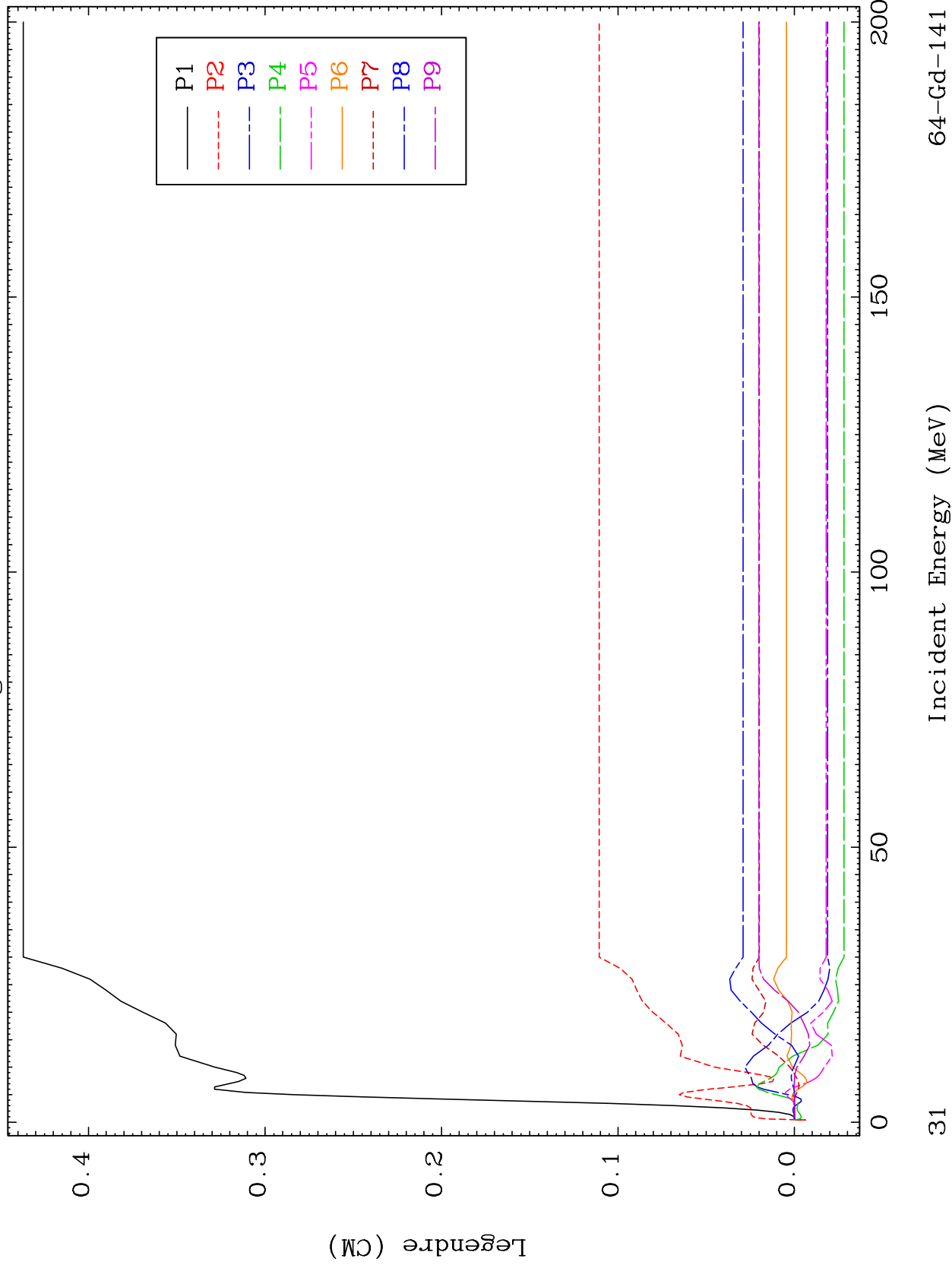
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MAT 6392

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

64-Gd-141



64-Gd-141

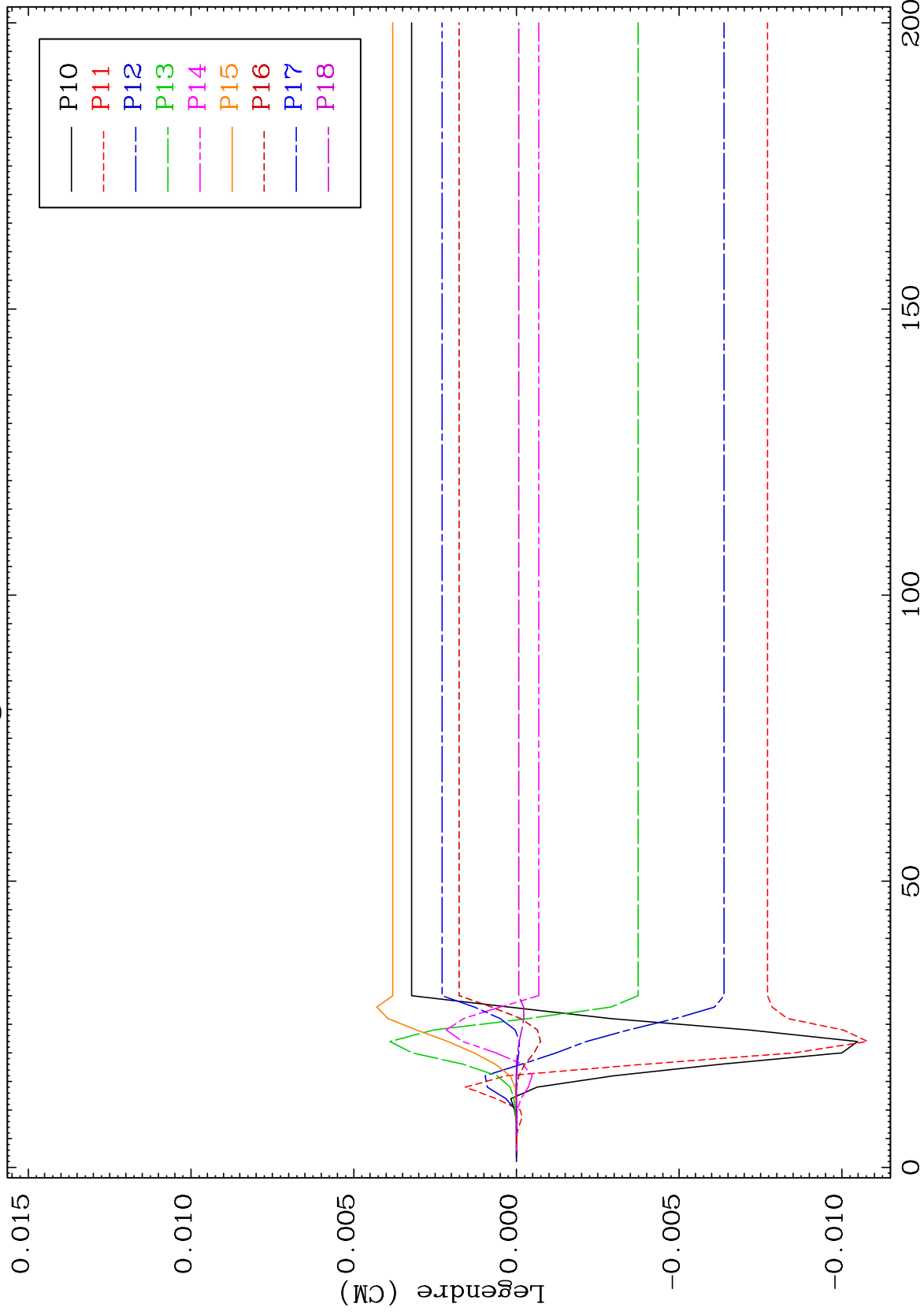
Incident Energy (MeV)

31

MAT 6392

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

64-Gd-141



32

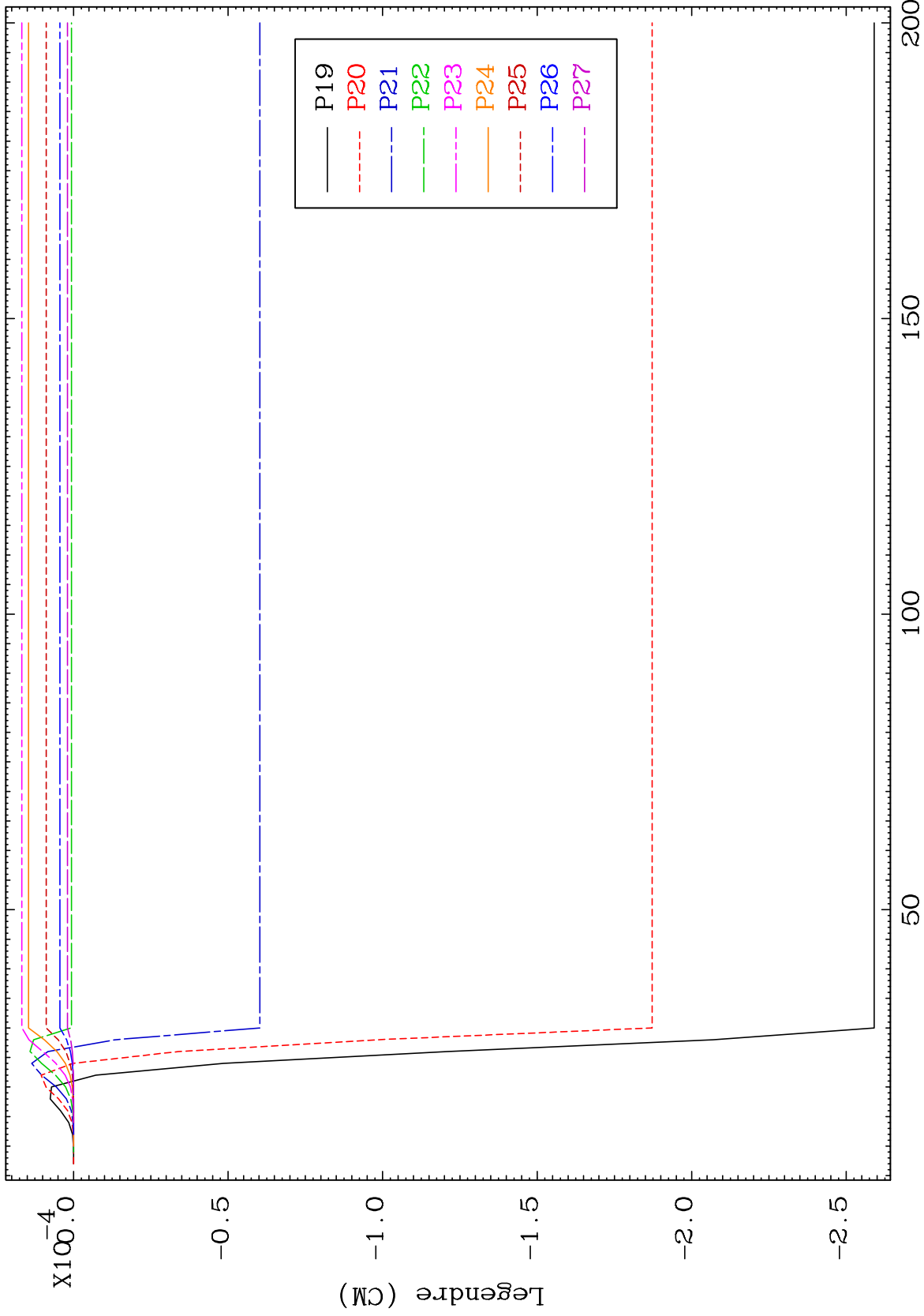
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

64-Gd-141



33

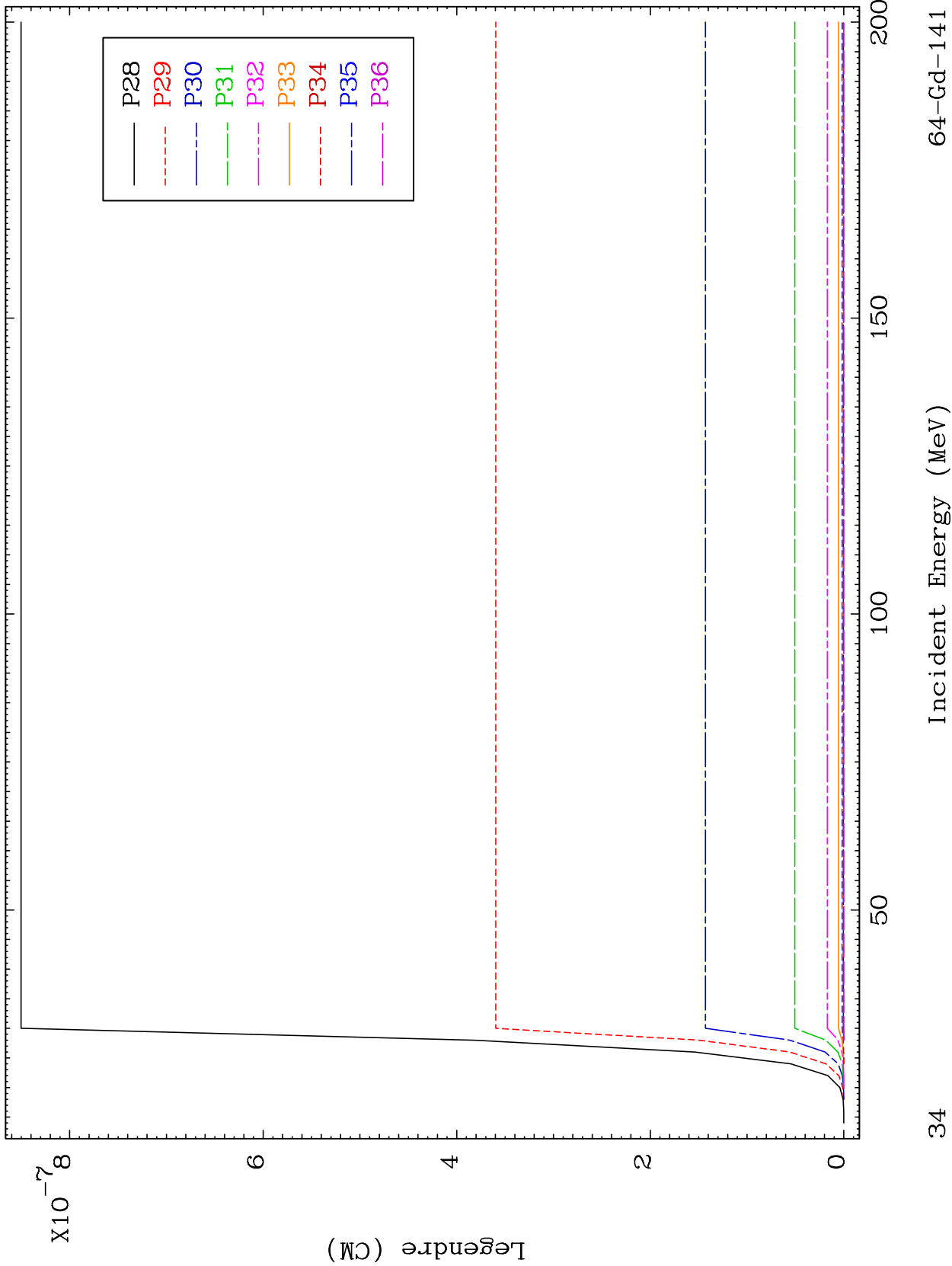
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

64-Gd-141



34

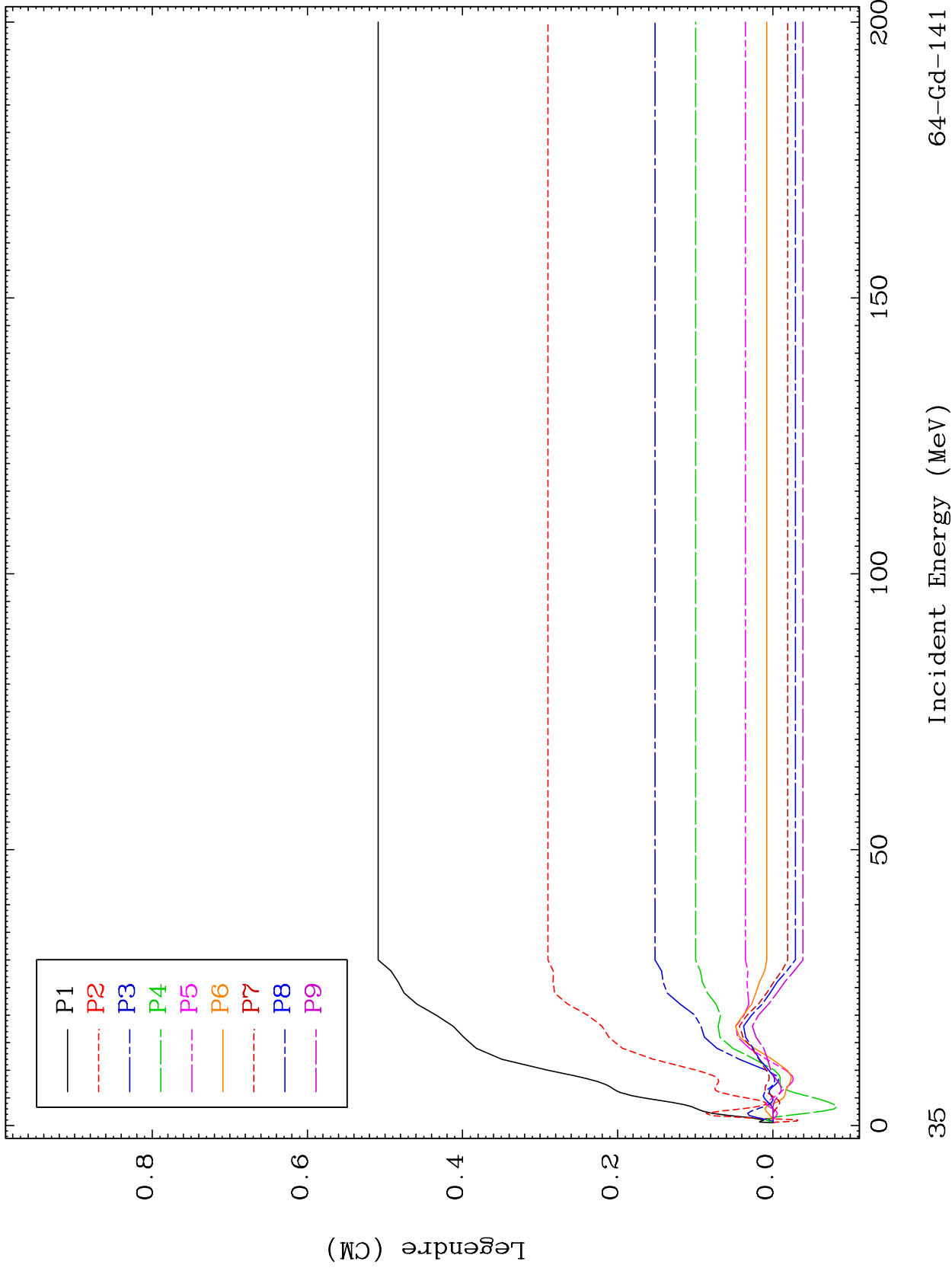
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

64-Gd-141



64-Gd-141

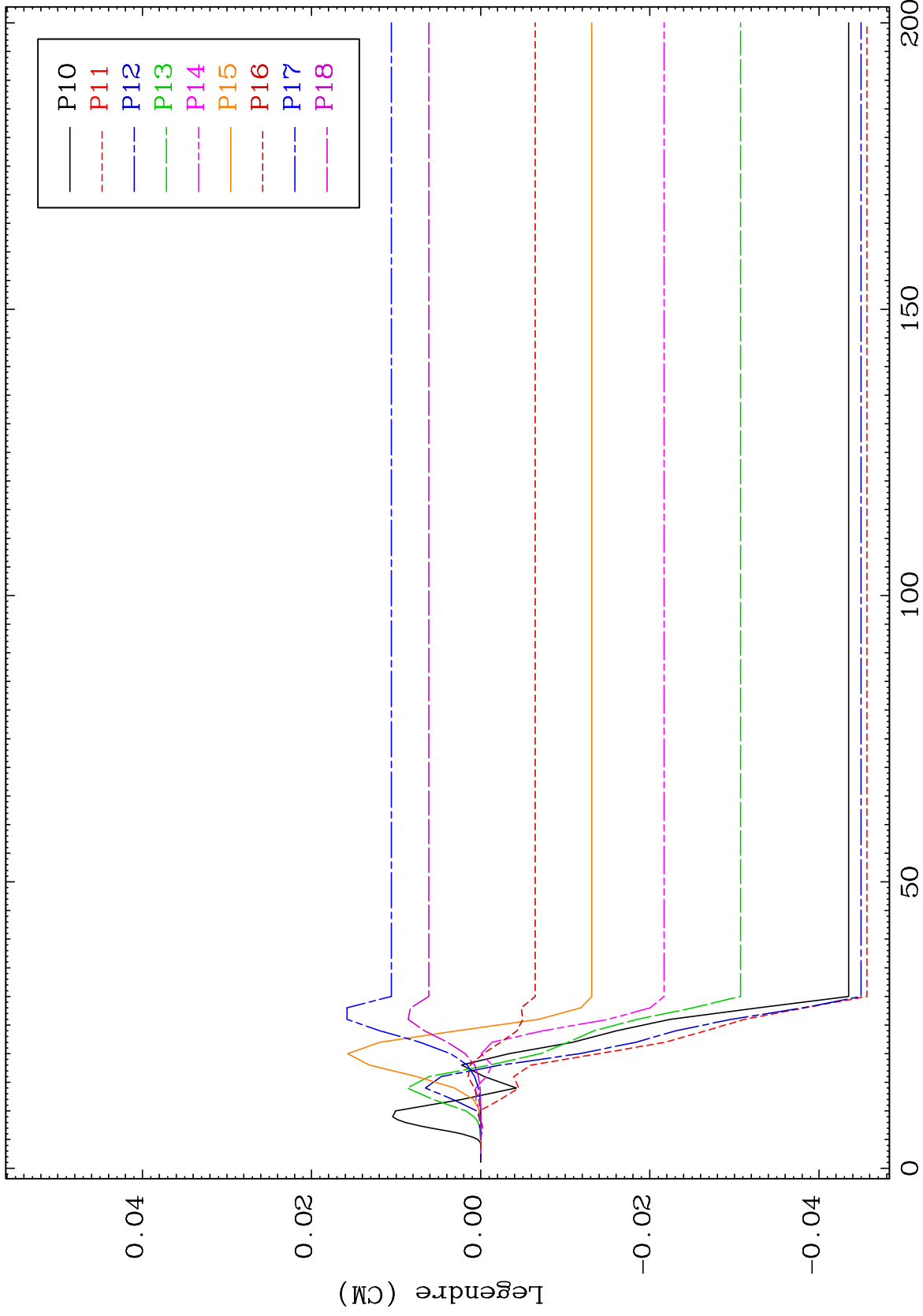
Incident Energy (MeV)

35

MAT 6392

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

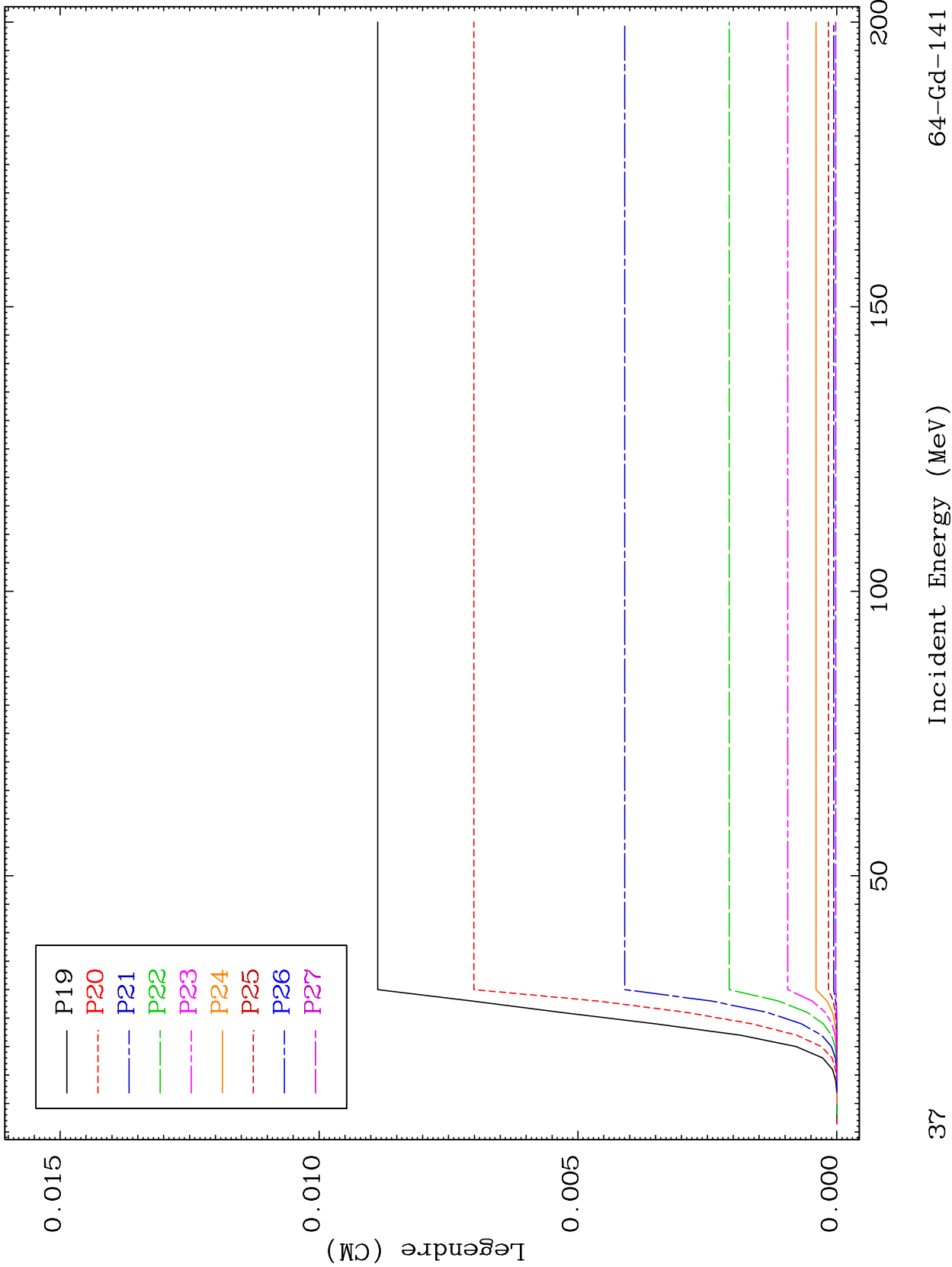
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36

Incident Energy (MeV)

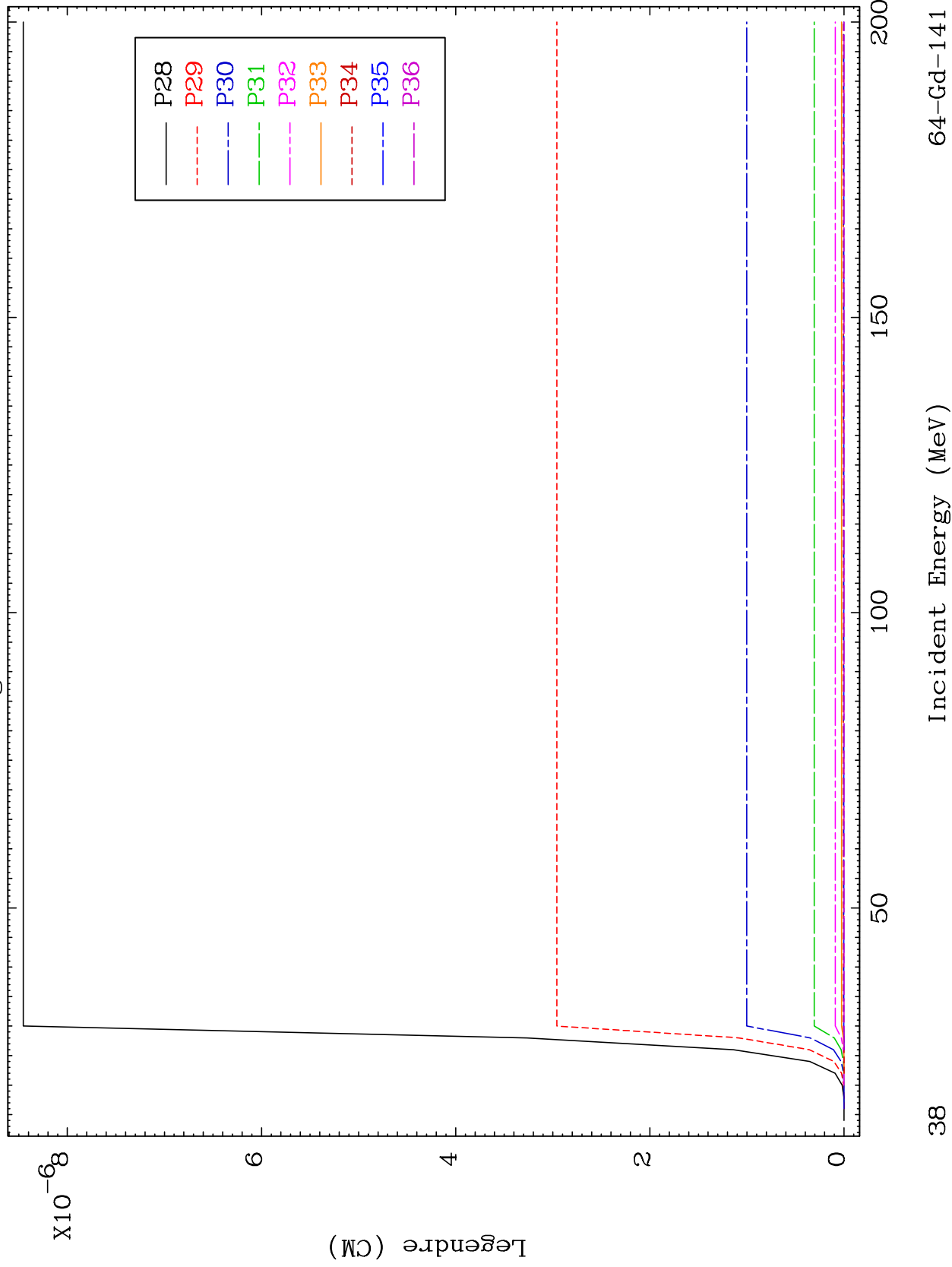
64-Gd-141



MAT 6392

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

64-Gd-141



38

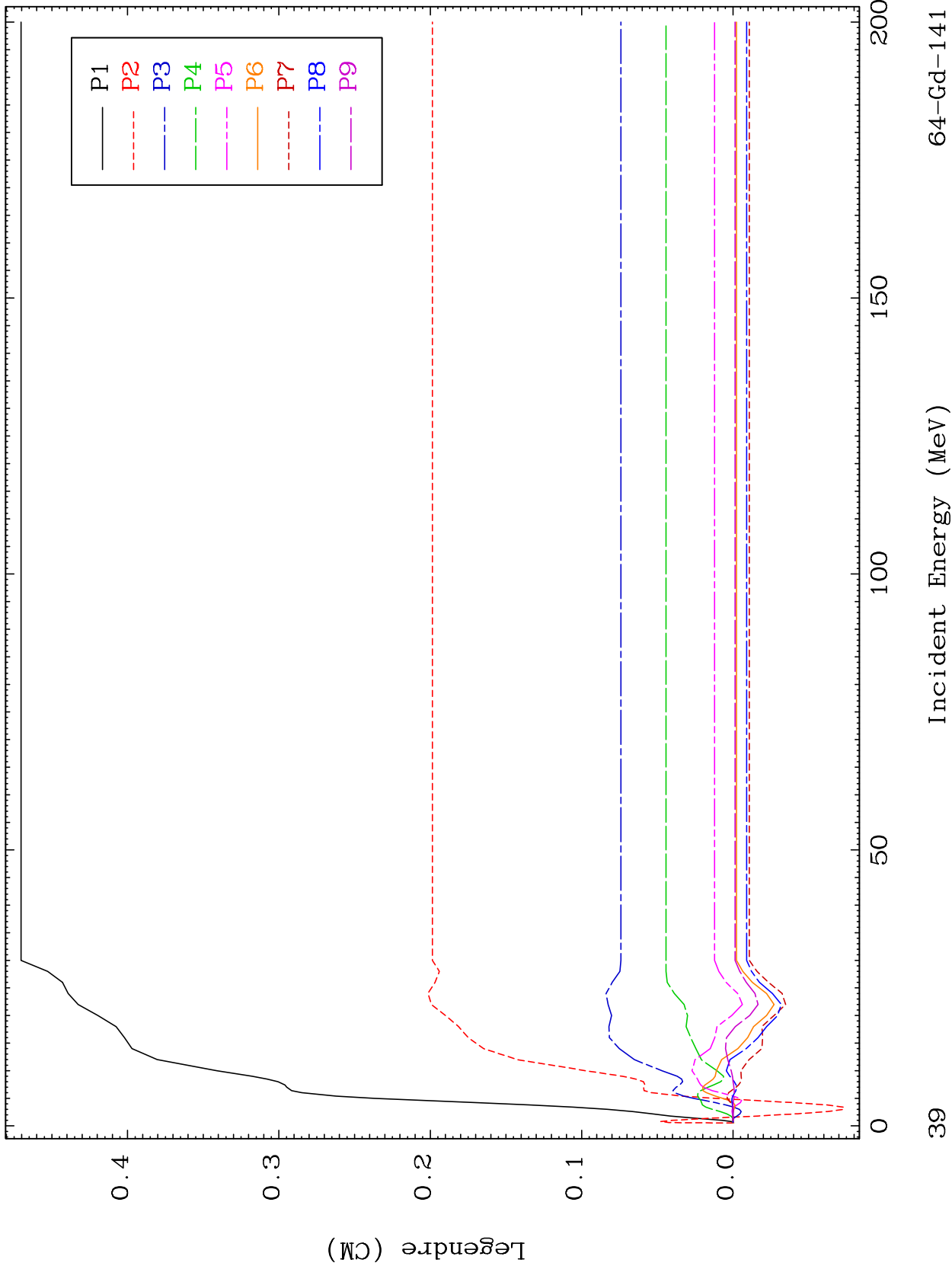
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

64-Gd-141



64-Gd-141

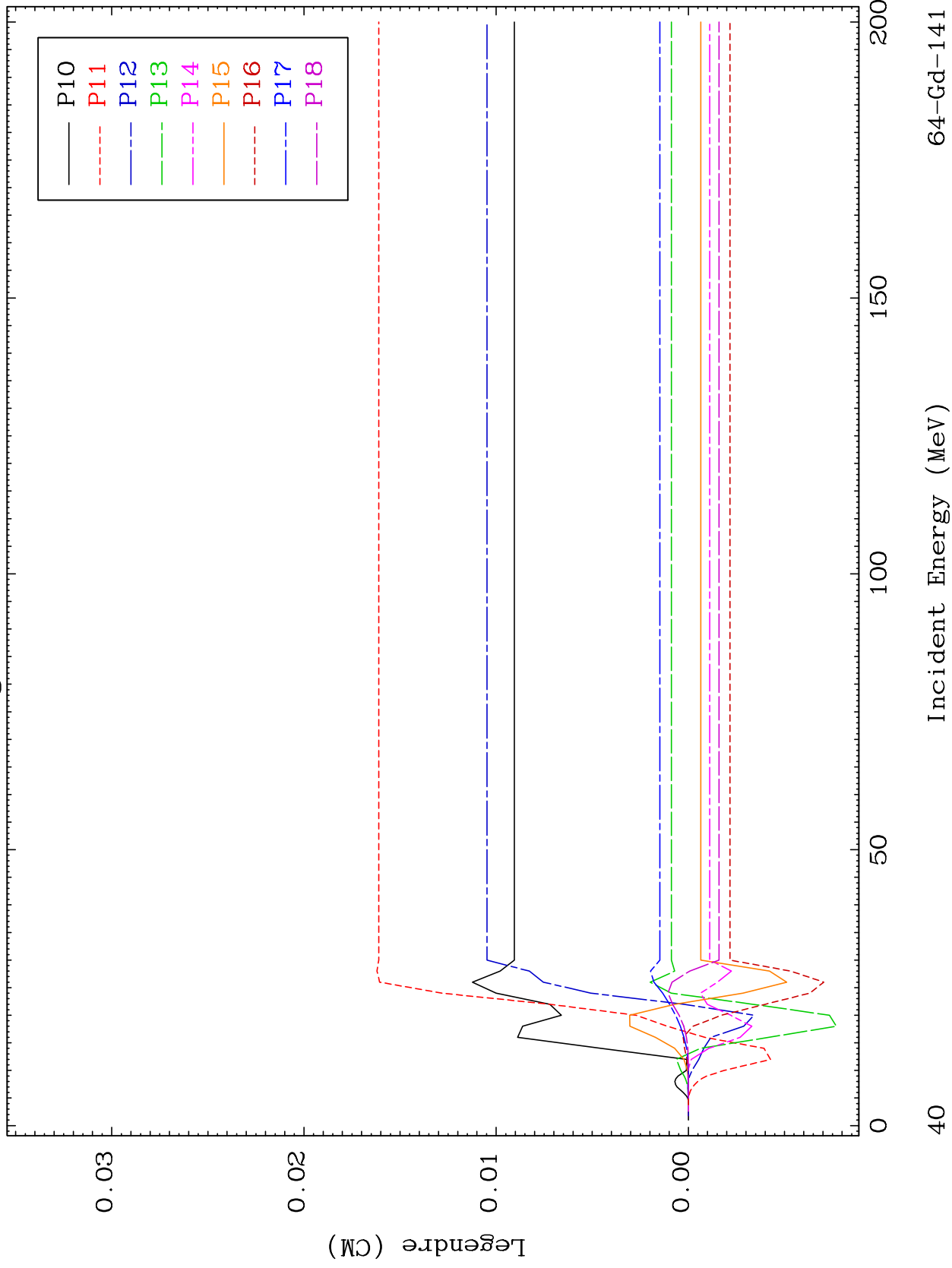
Incident Energy (MeV)

39

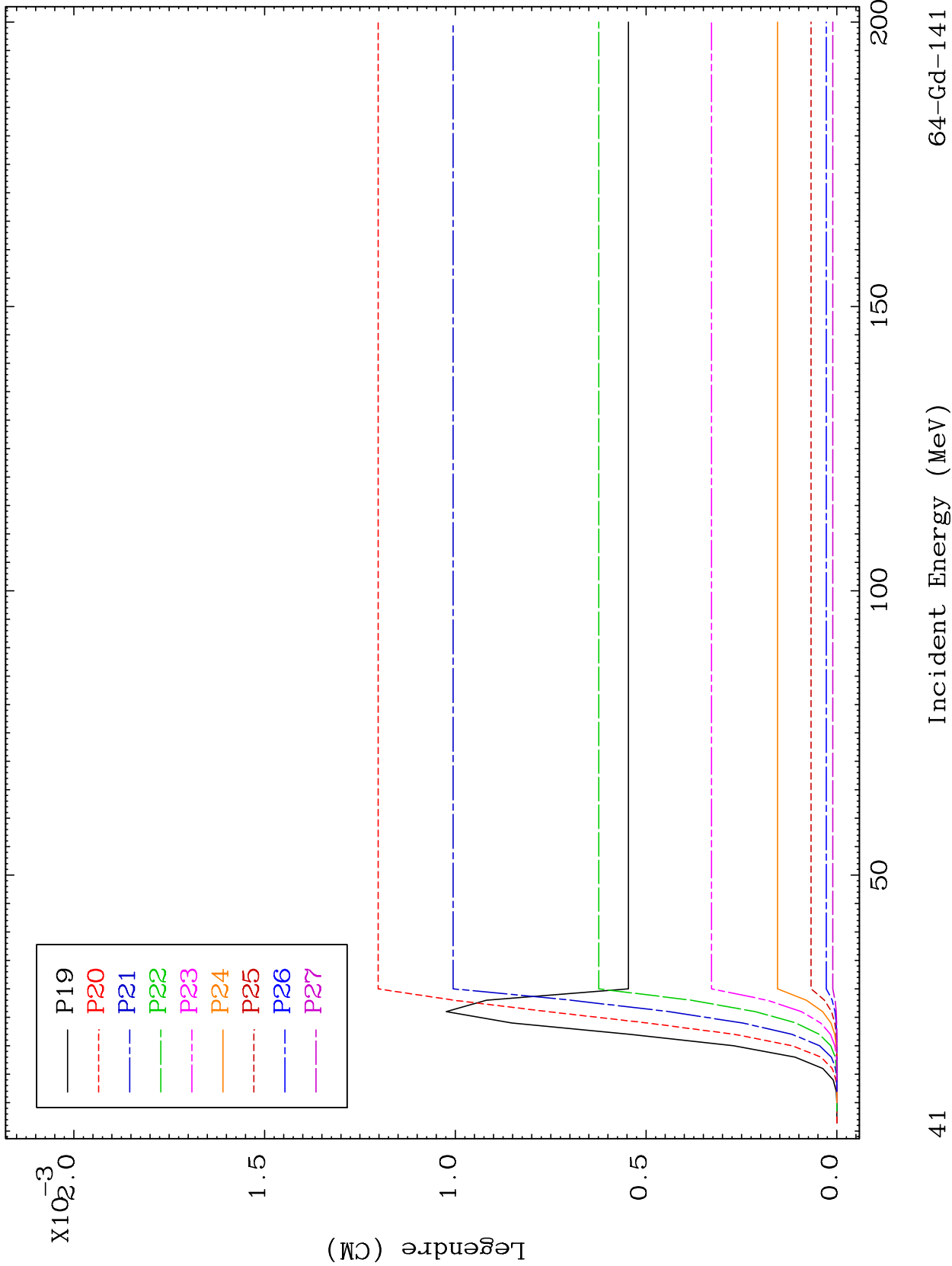
MAT 6392

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

64-Gd-141



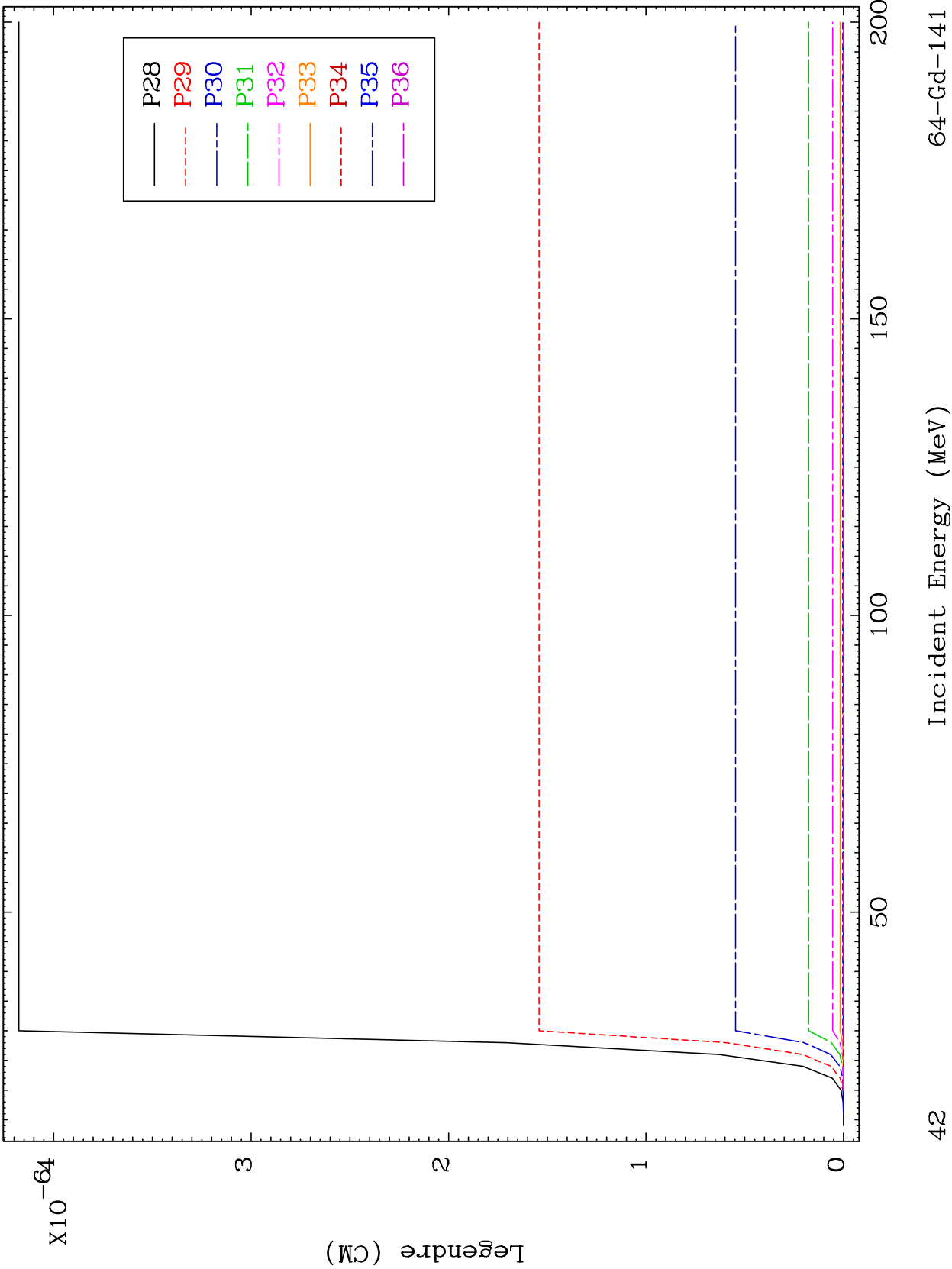
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MAT 6392

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

64-Gd-141



42

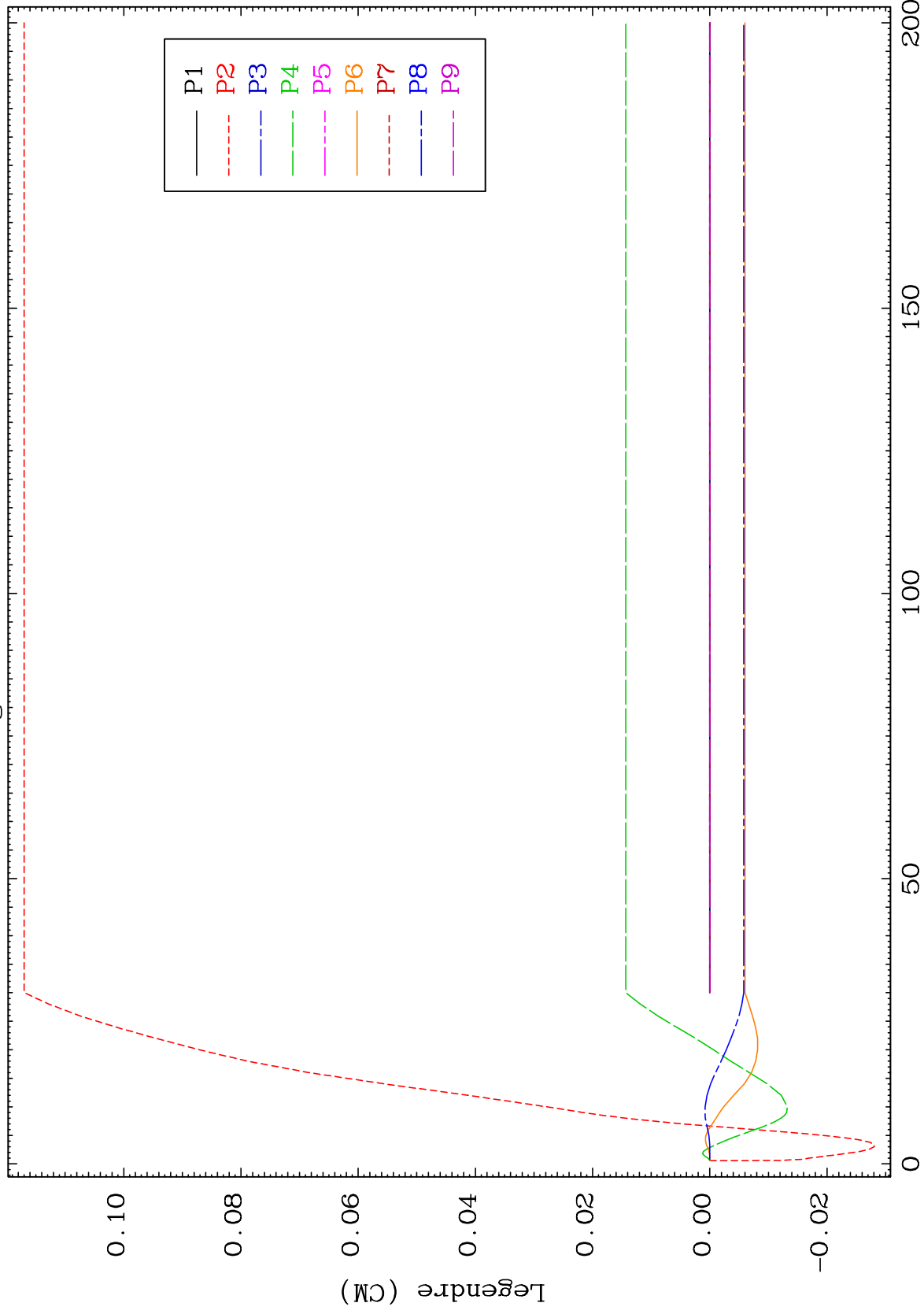
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

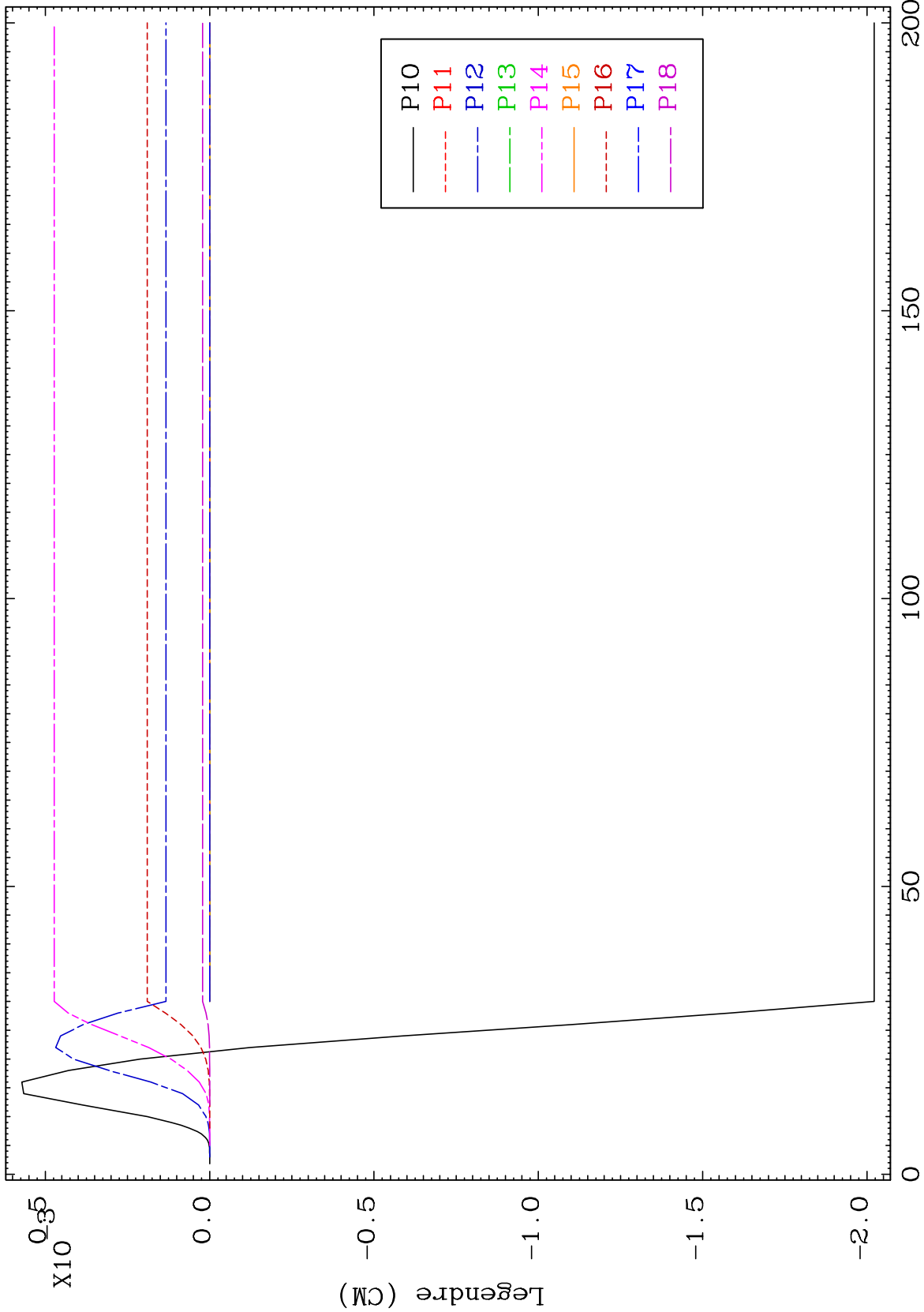
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43

Incident Energy (MeV)

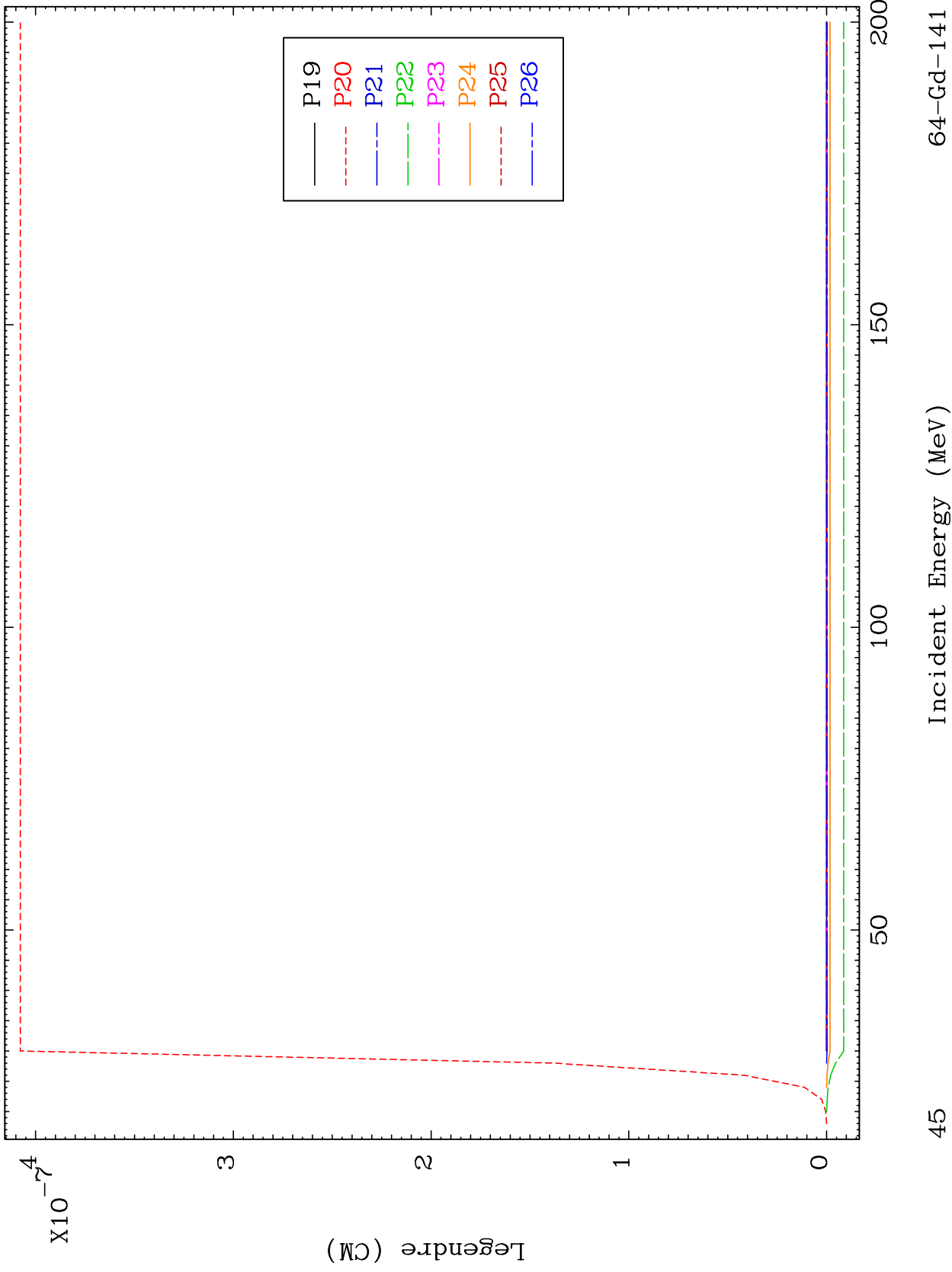
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MAT 6392

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

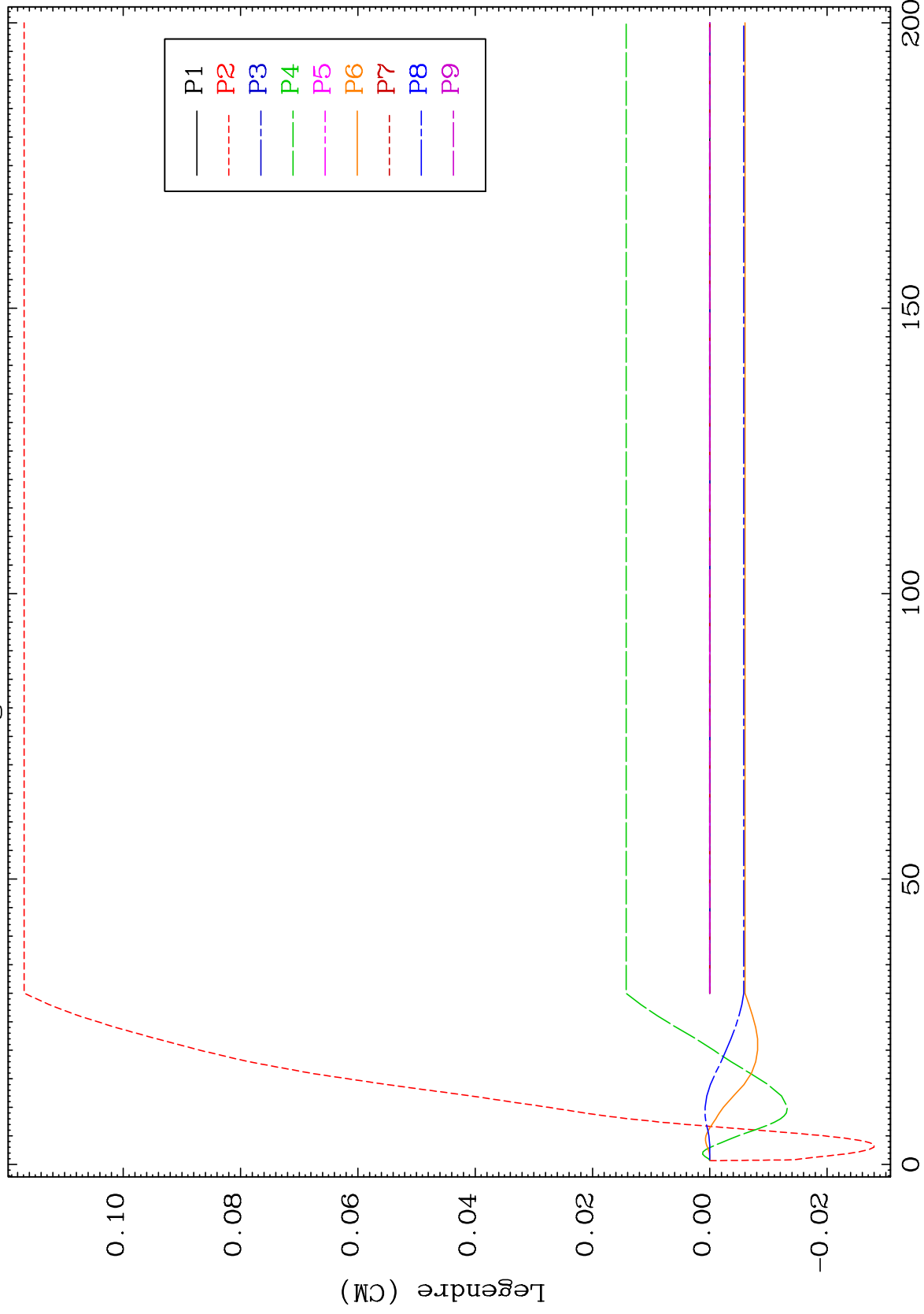
64-Gd-141



MAT 6392

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

64-Gd-141



46

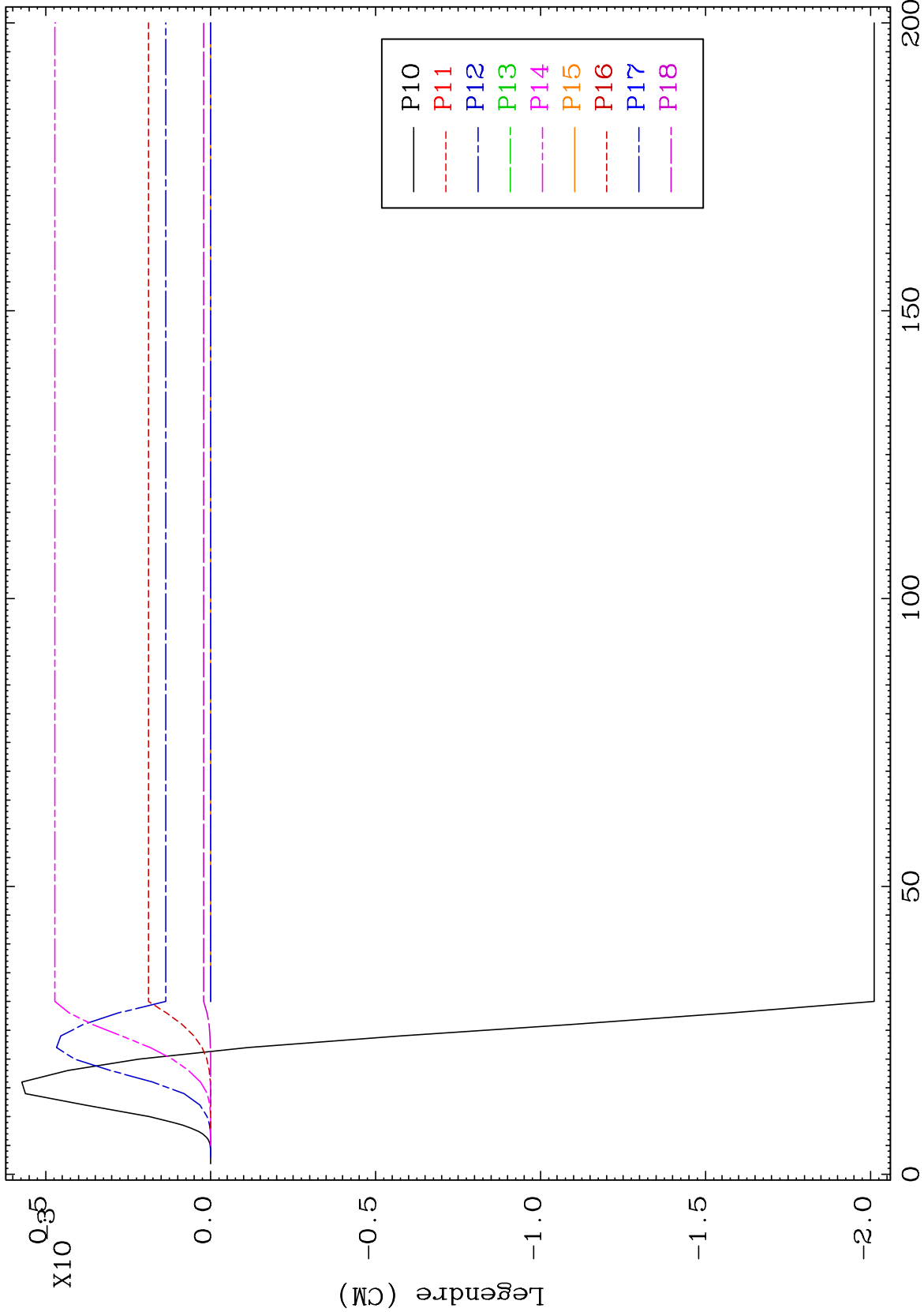
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

64-Gd-141



47

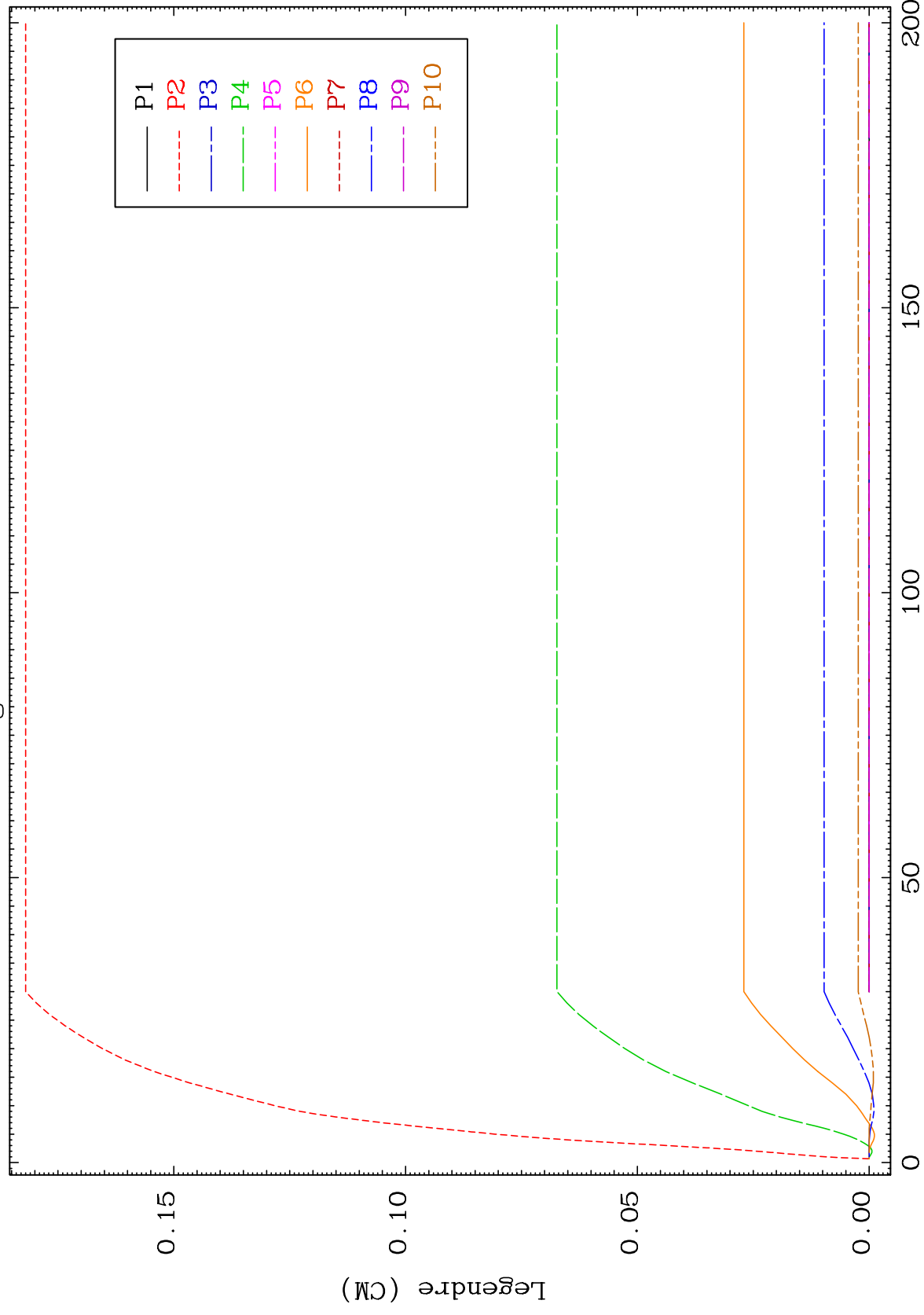
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

64-Gd-141



49

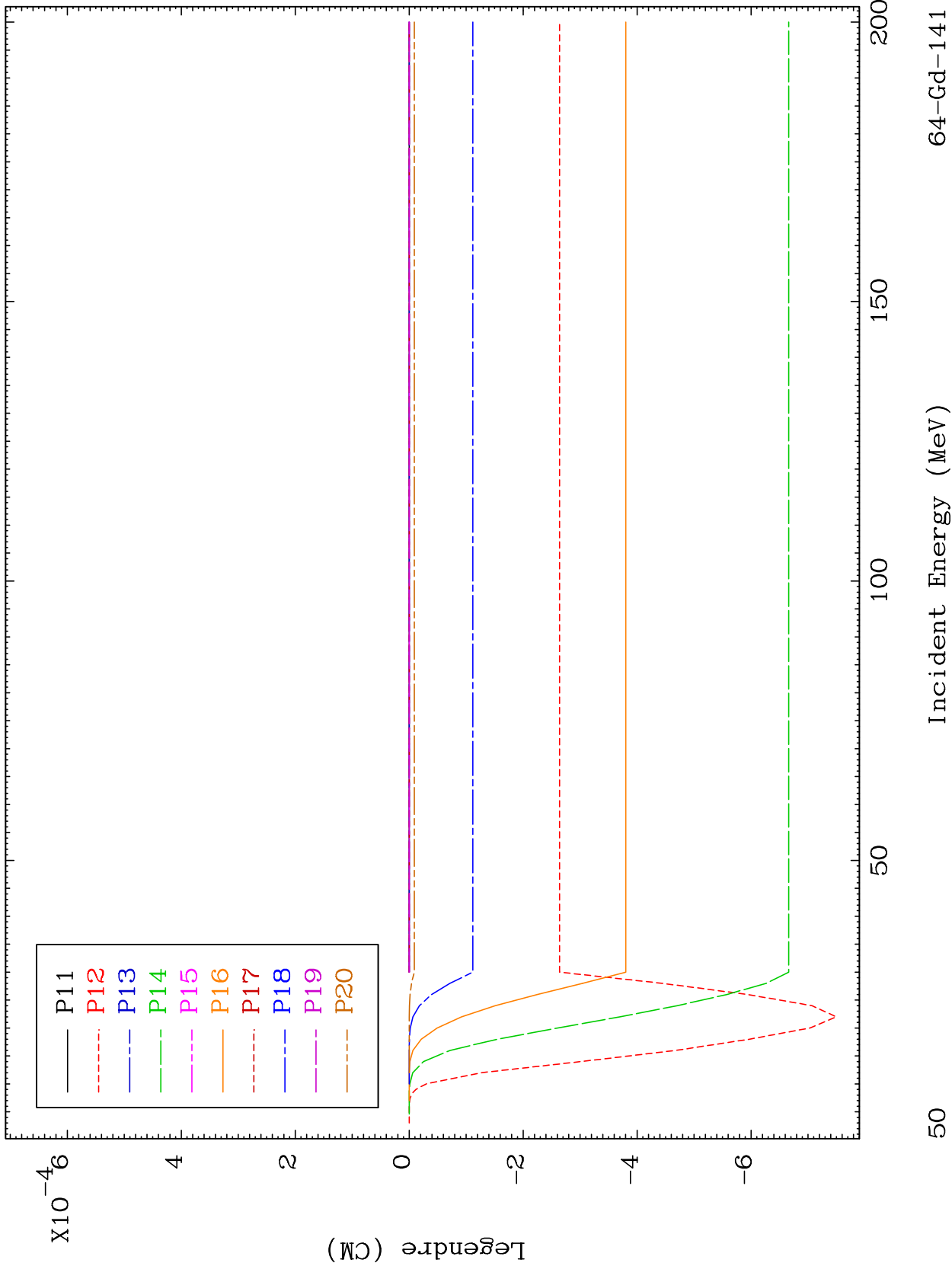
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

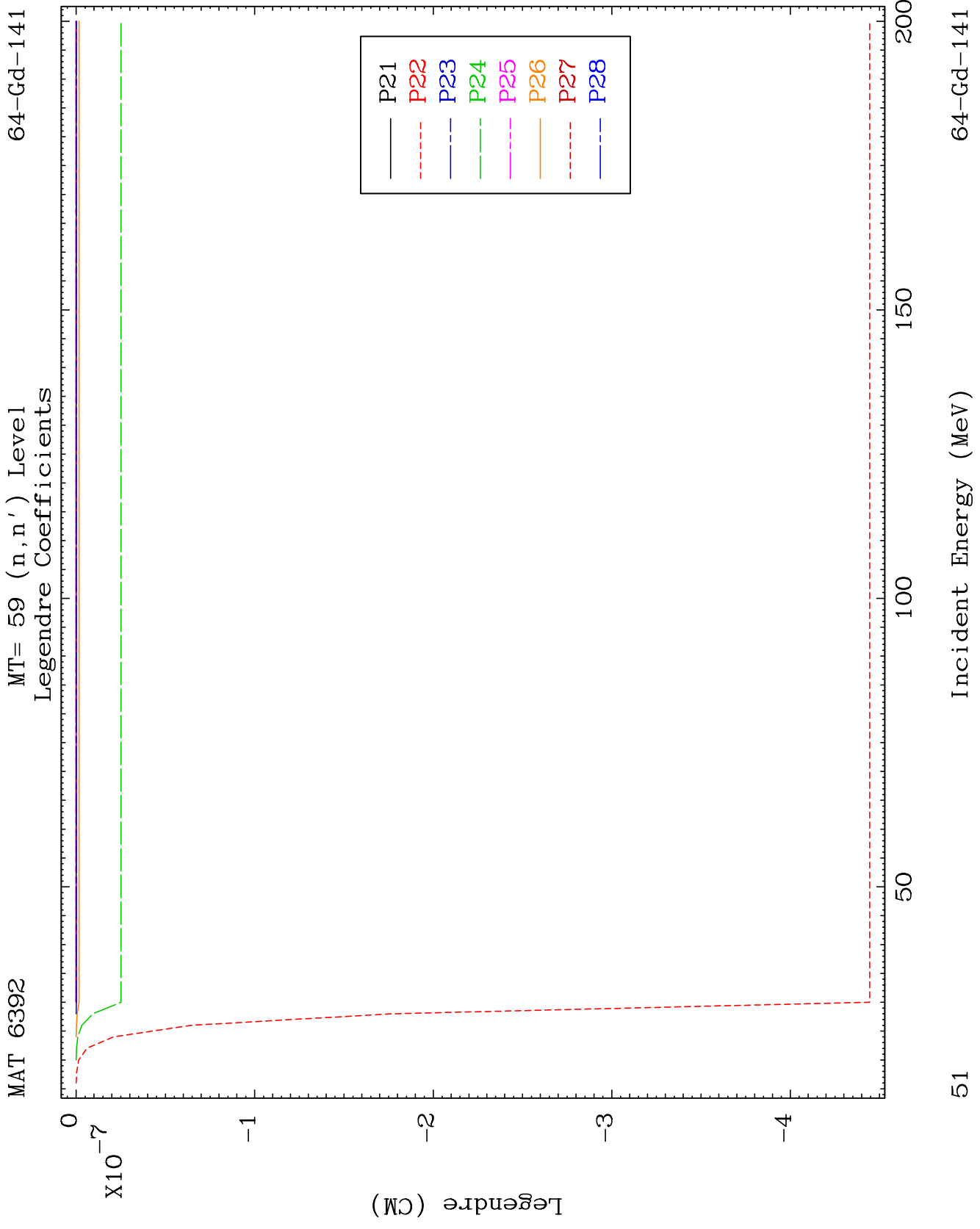
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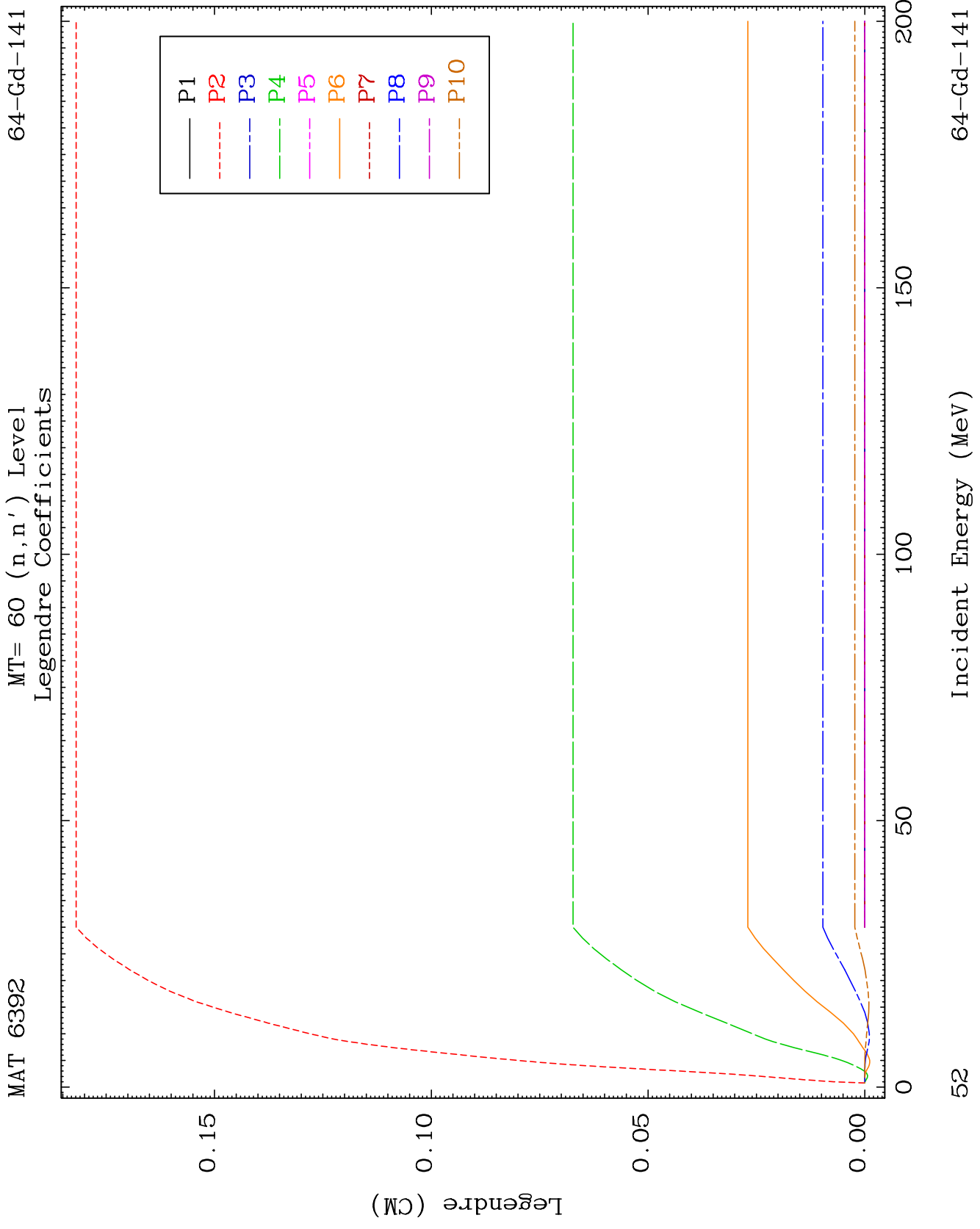


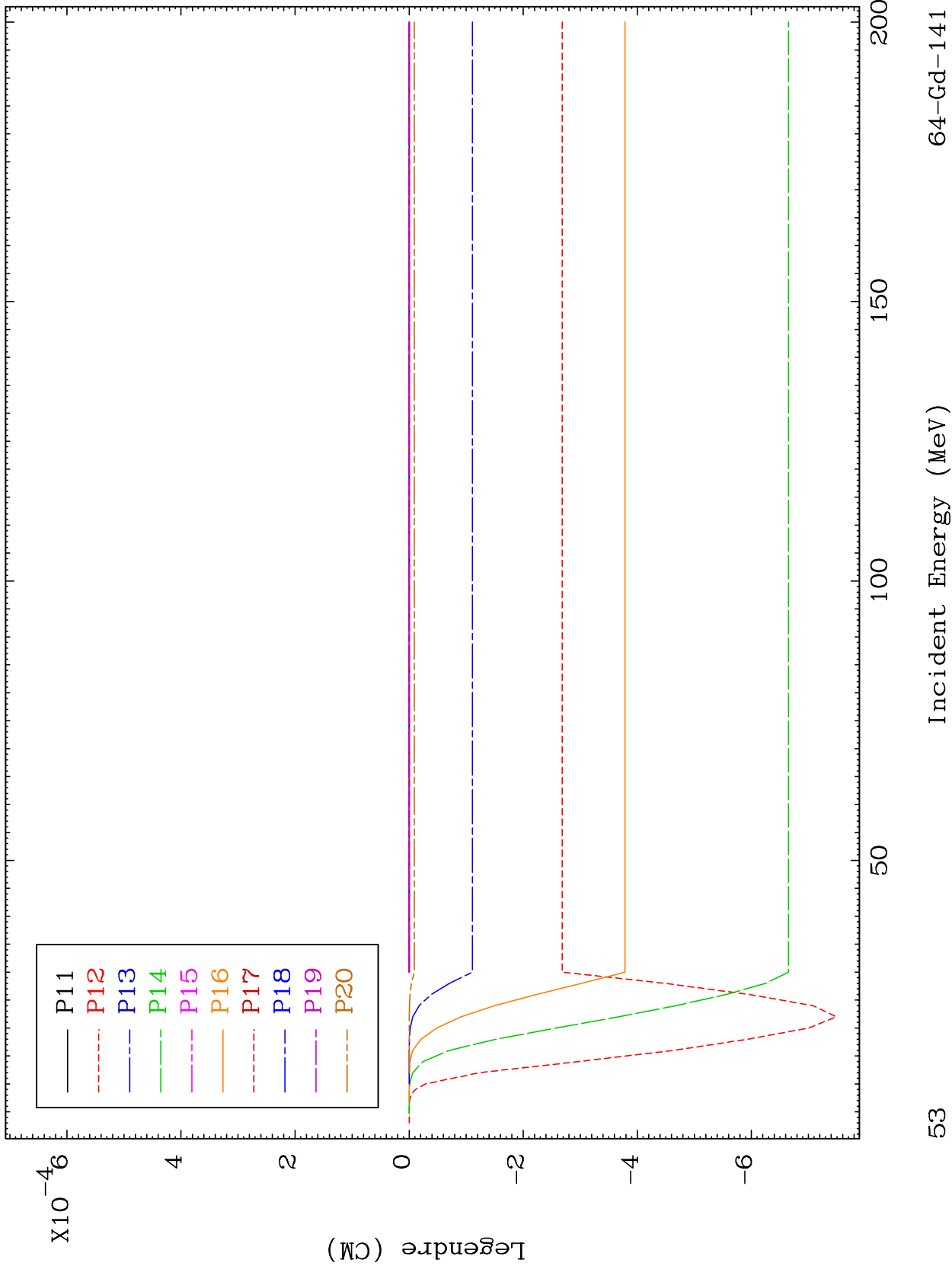
64-Gd-141

Incident Energy (MeV)

50



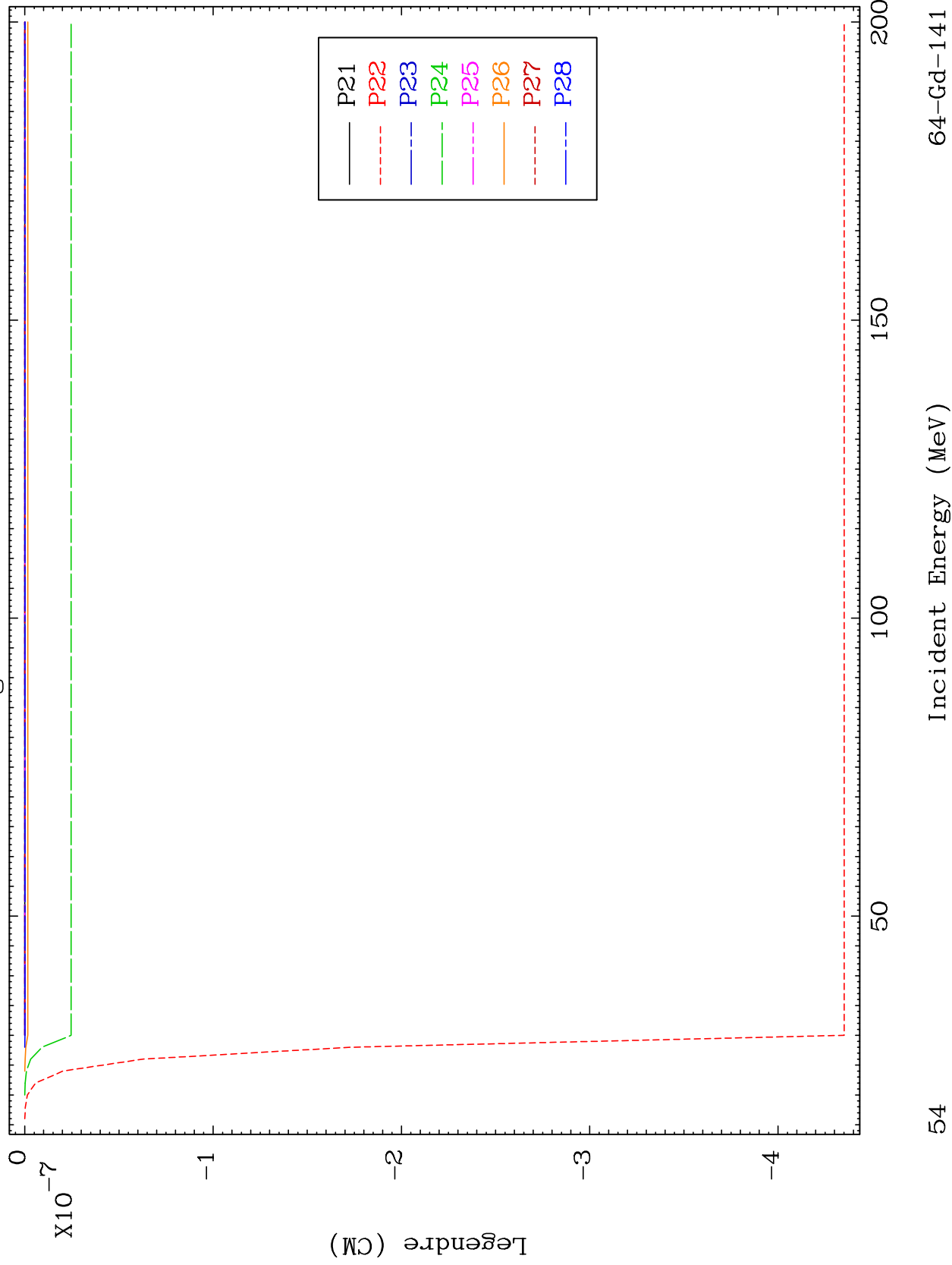




MAT 6392

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

64-Gd-141



54

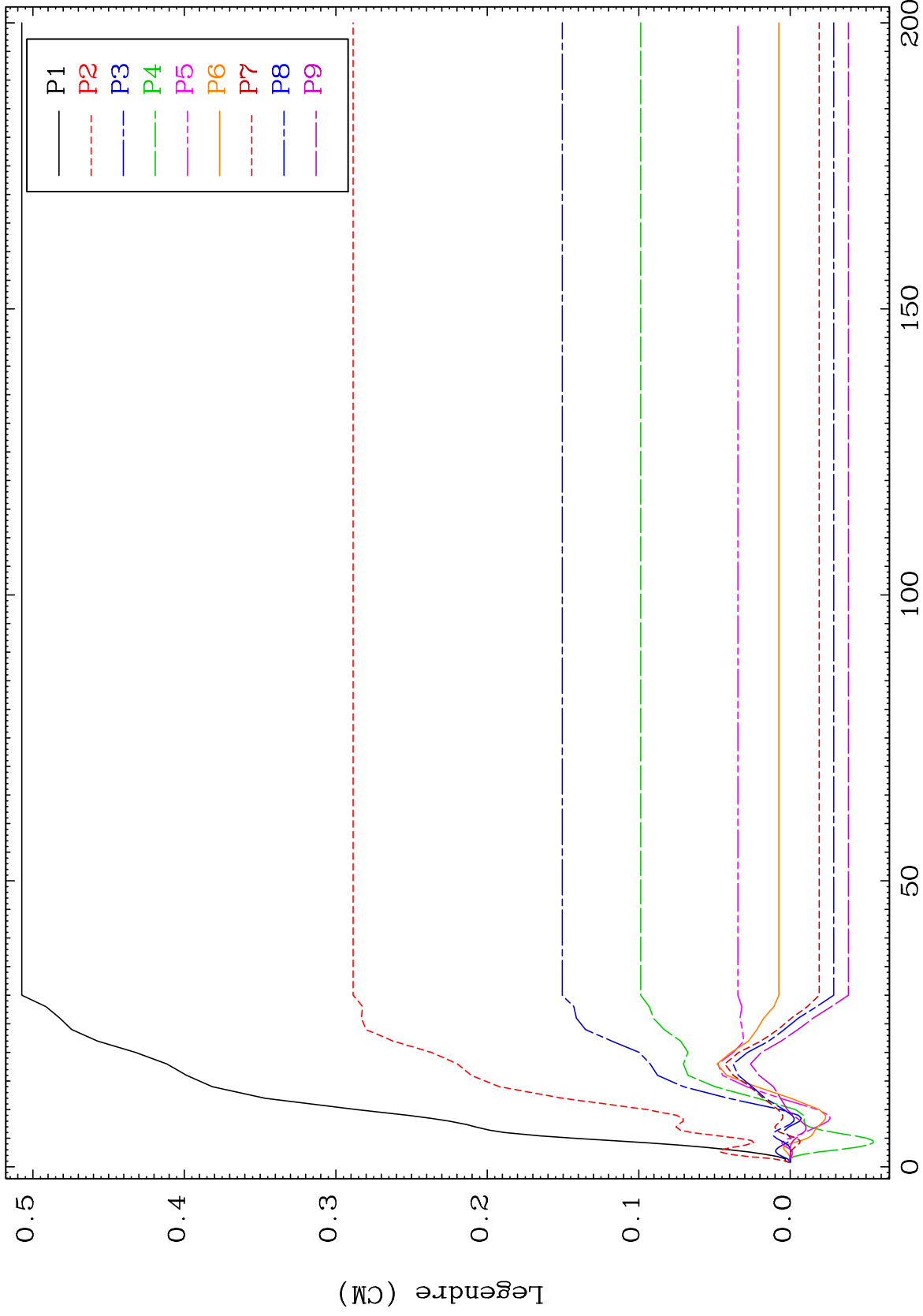
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

64-Gd-141



64-Gd-141

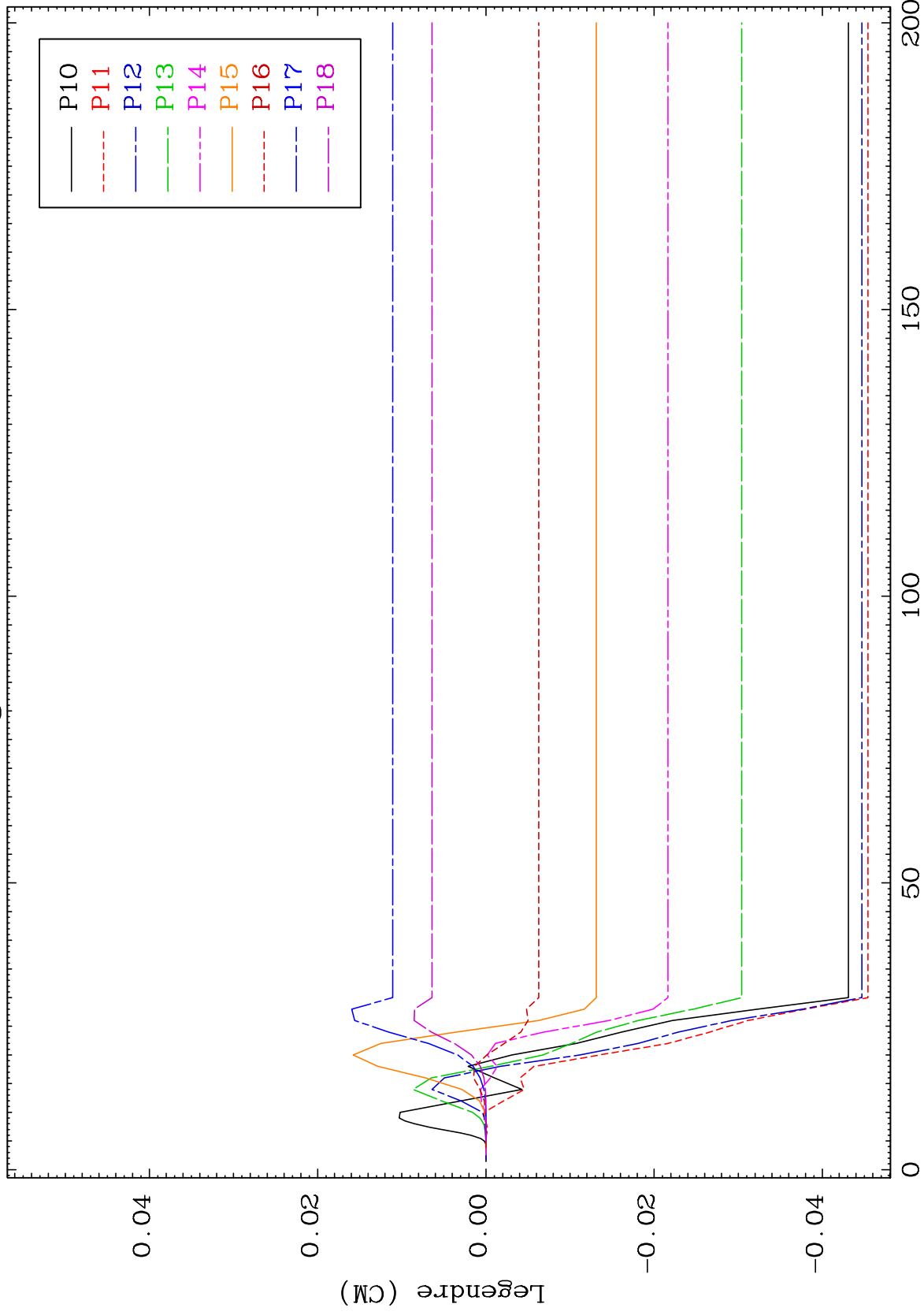
Incident Energy (MeV)

55

MAT 6392

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

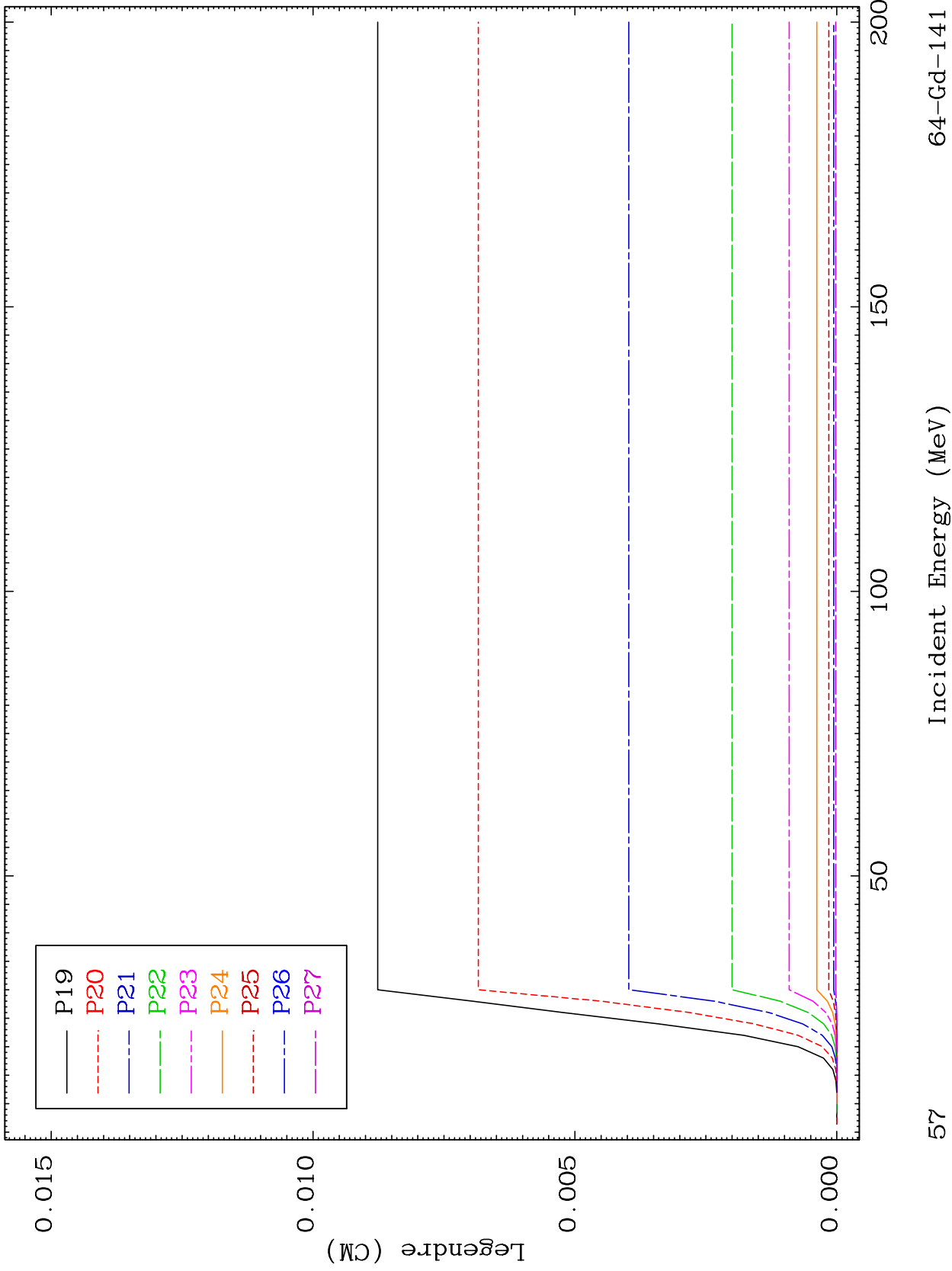
64-Gd-141



56

Incident Energy (MeV)

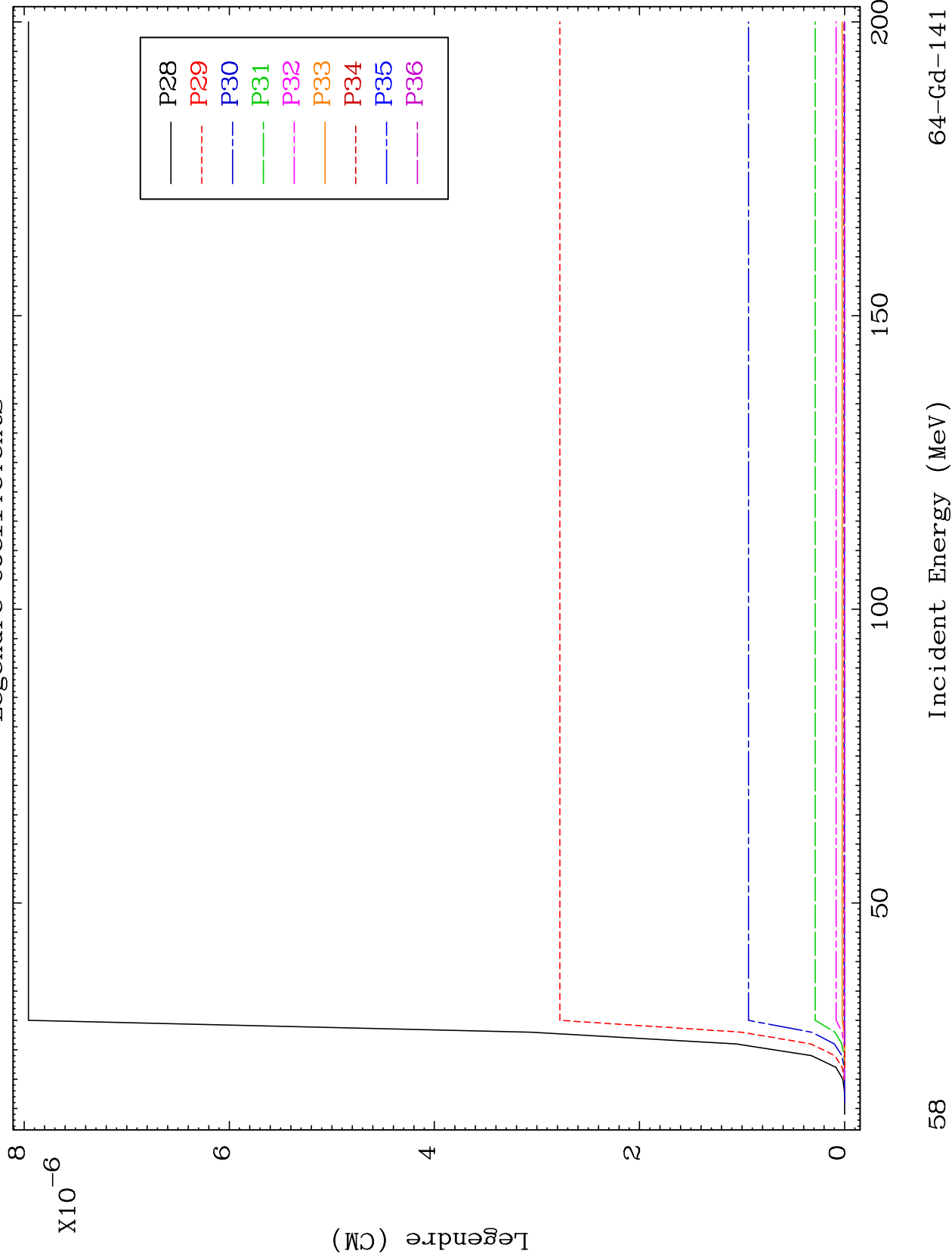
64-Gd-141



MAT 6392

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

64-Gd-141



58

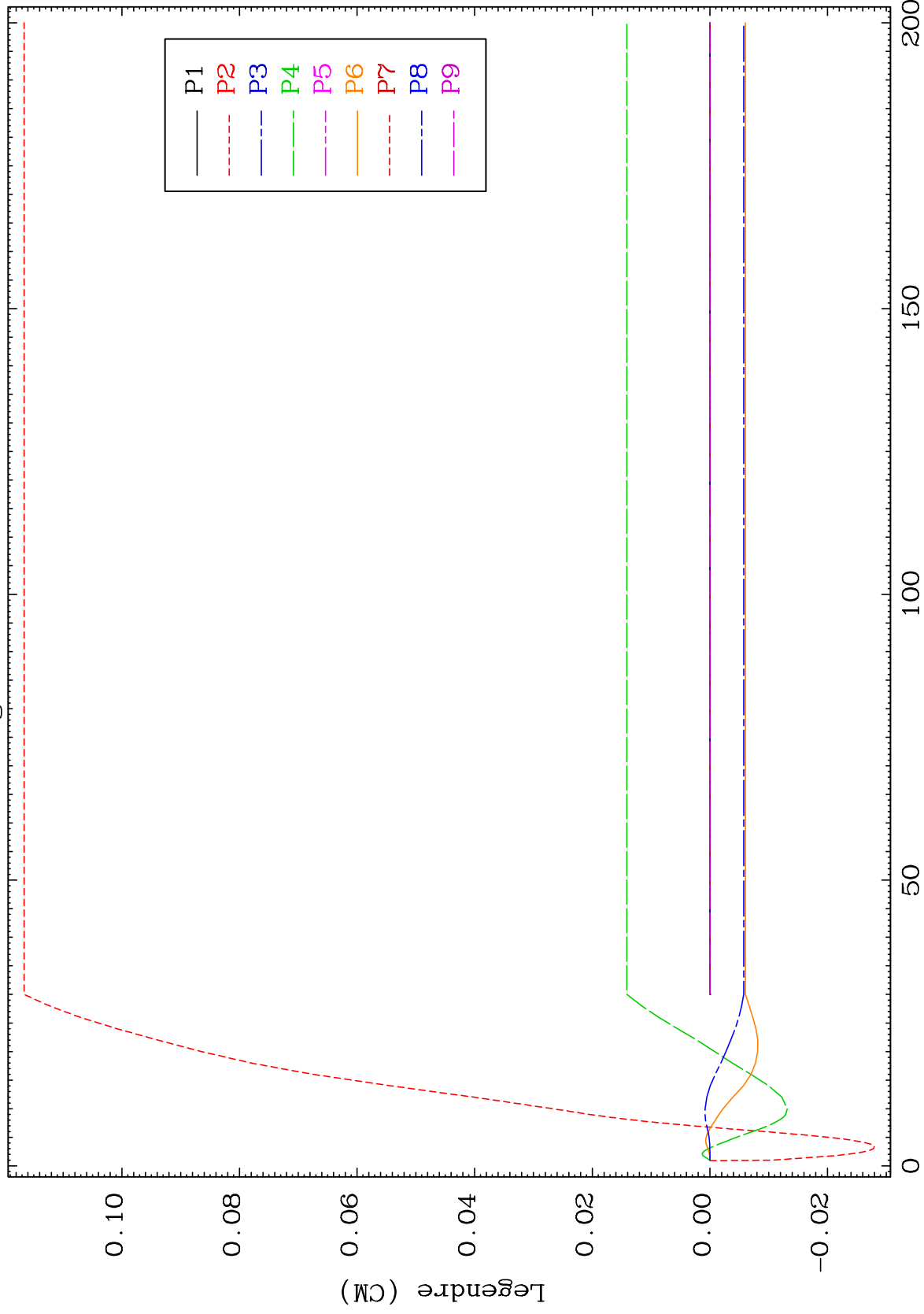
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

64-Gd-141



59

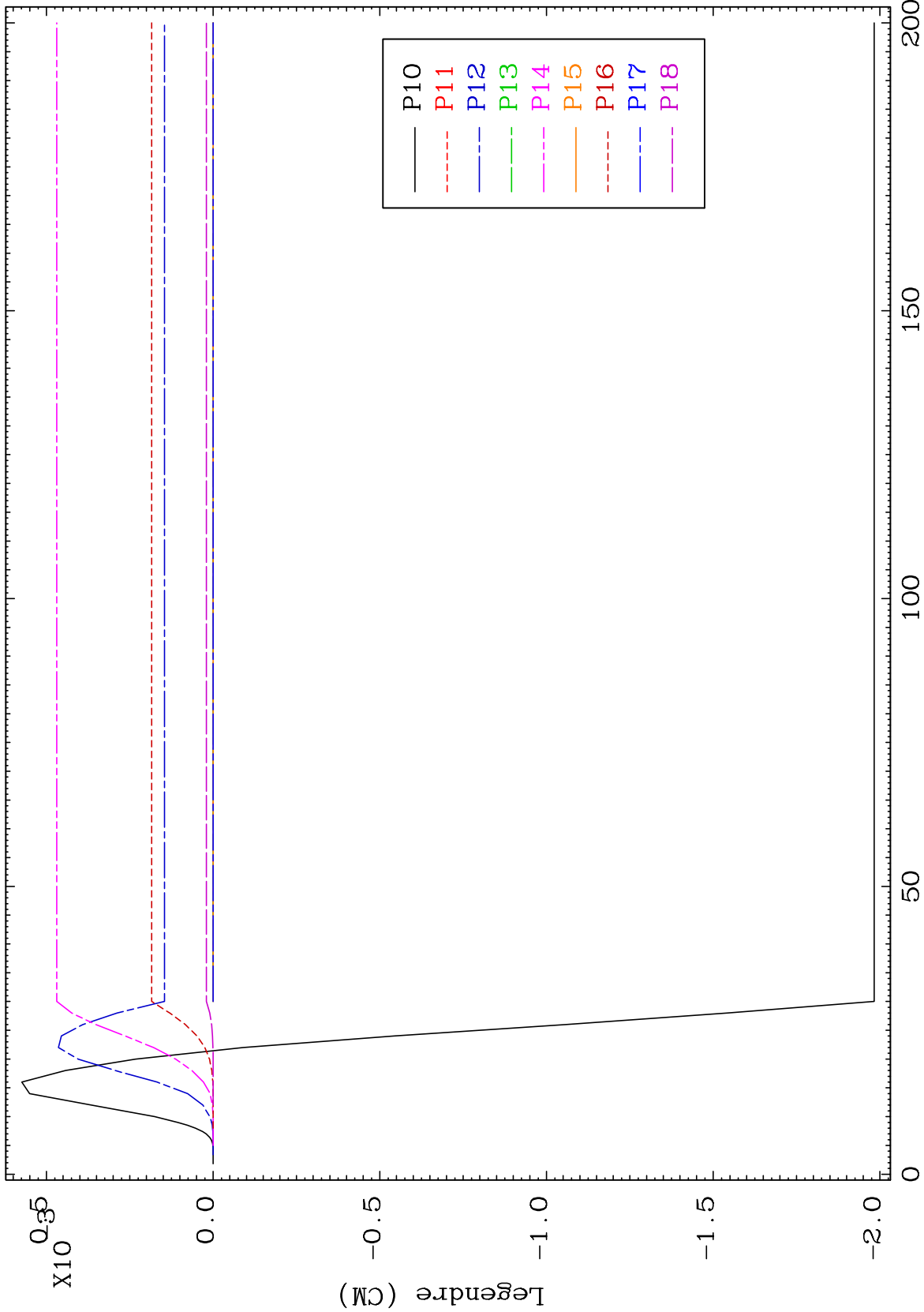
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

64-Gd-141



60

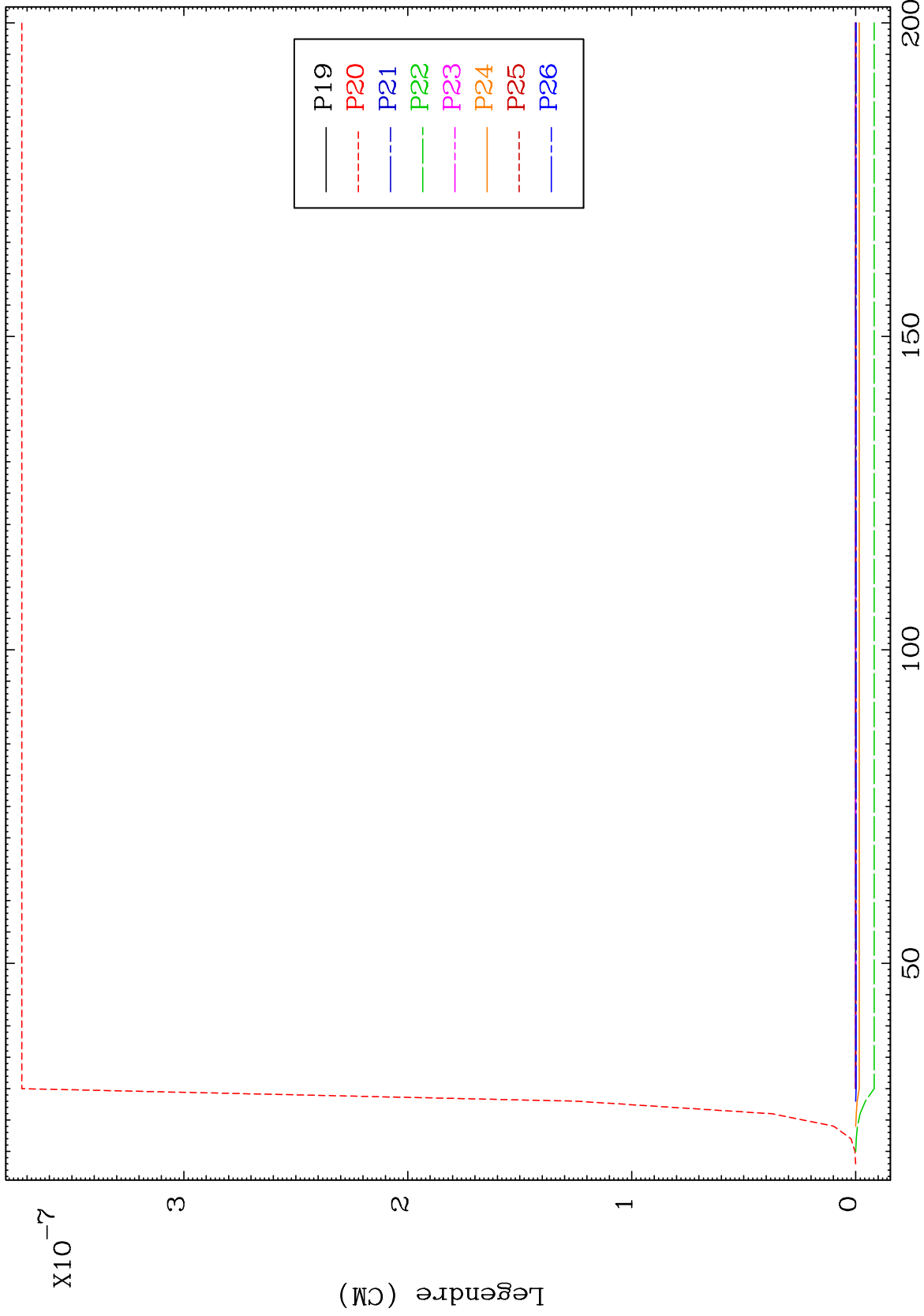
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

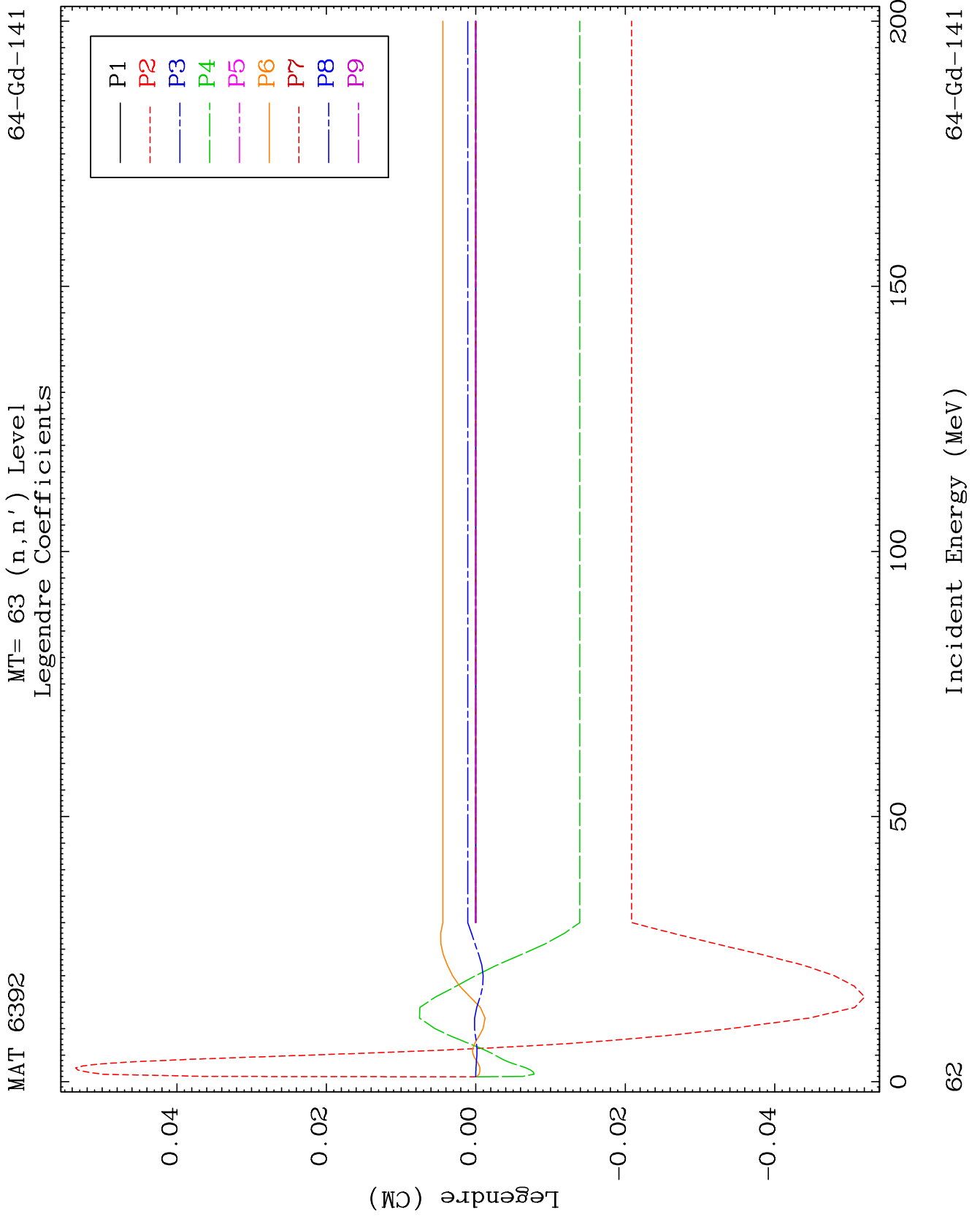
64-Gd-141



61

Incident Energy (MeV)

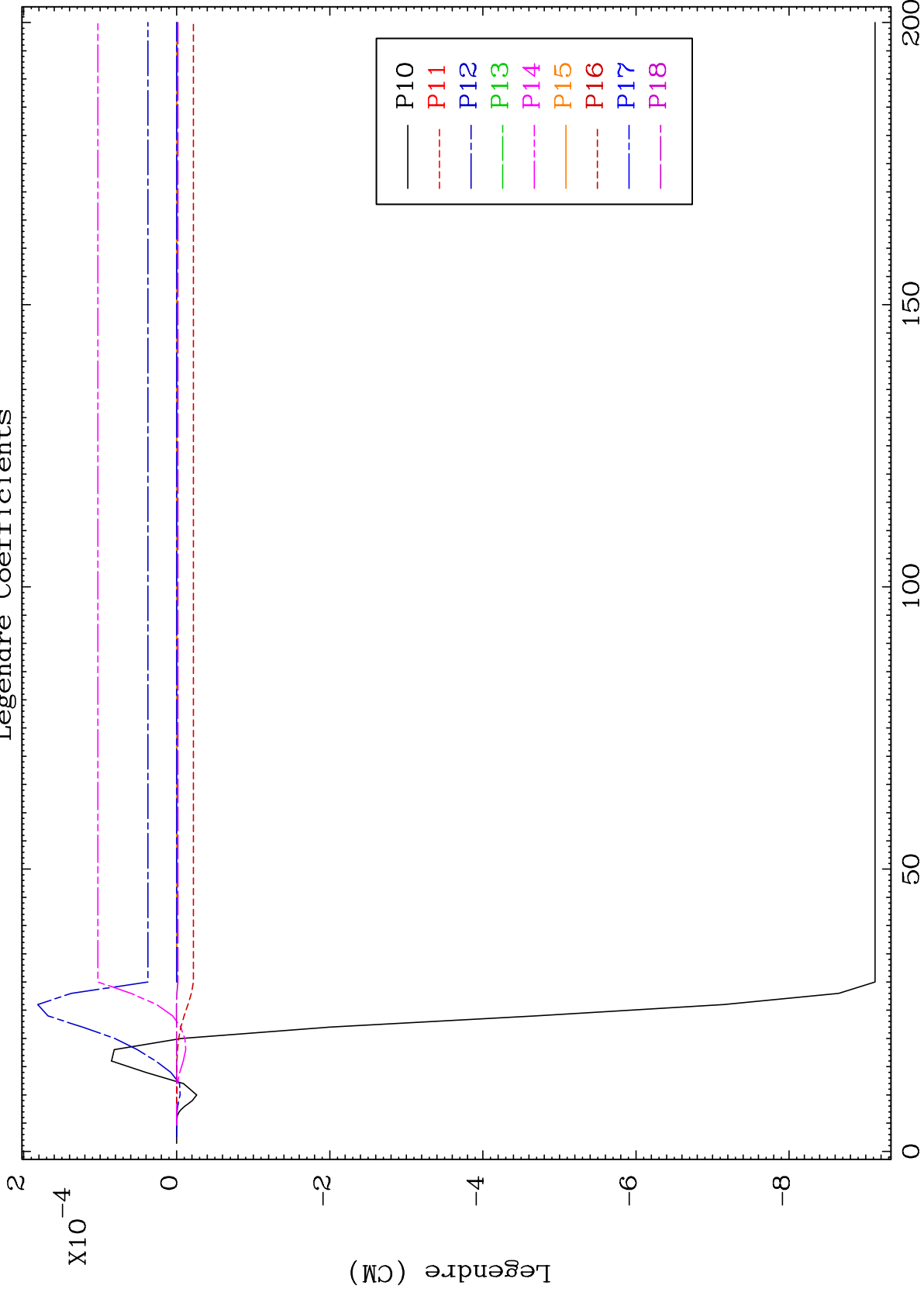
64-Gd-141



MAT 6392

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

64-Gd-141



63

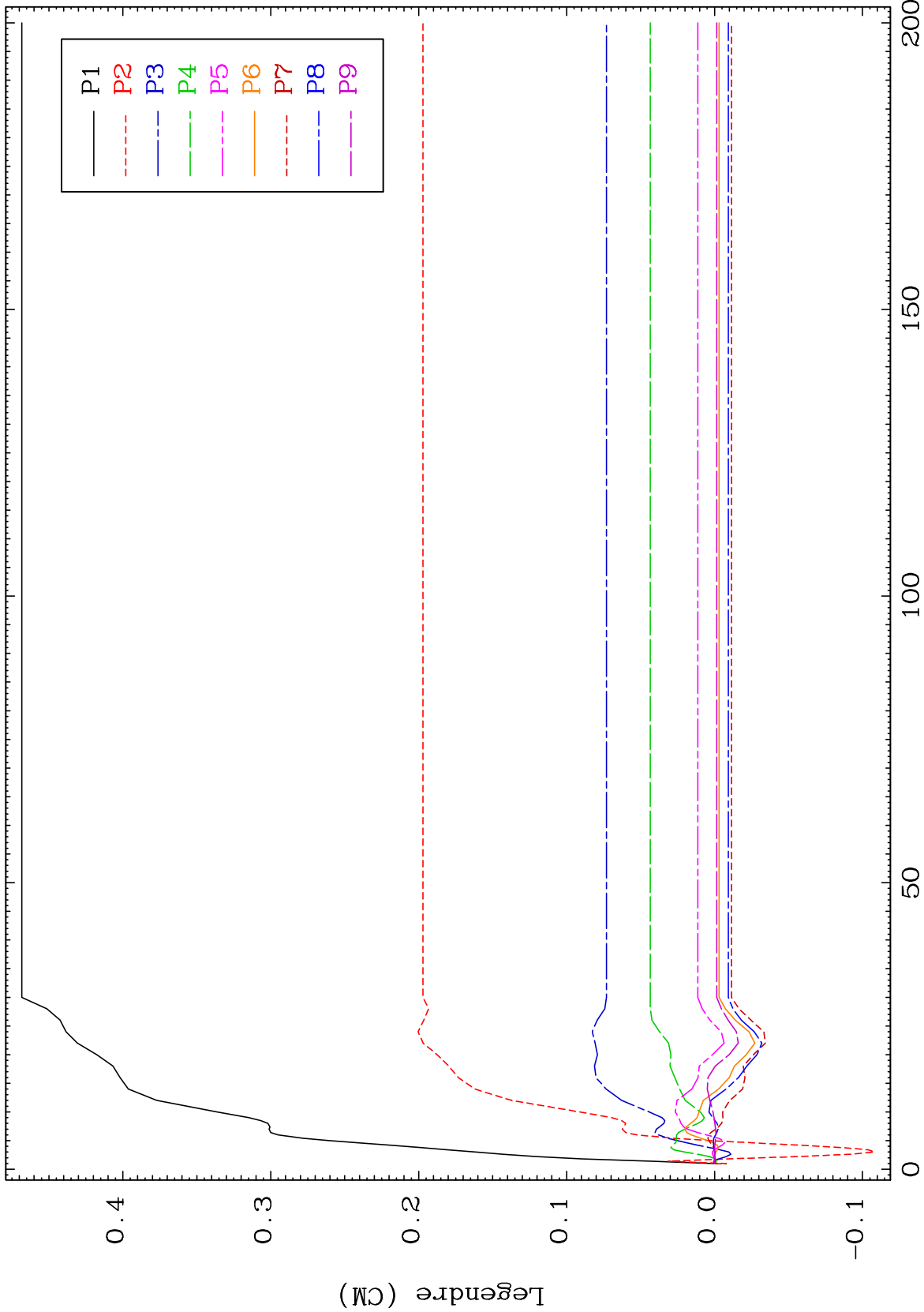
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

64-Gd-141



65

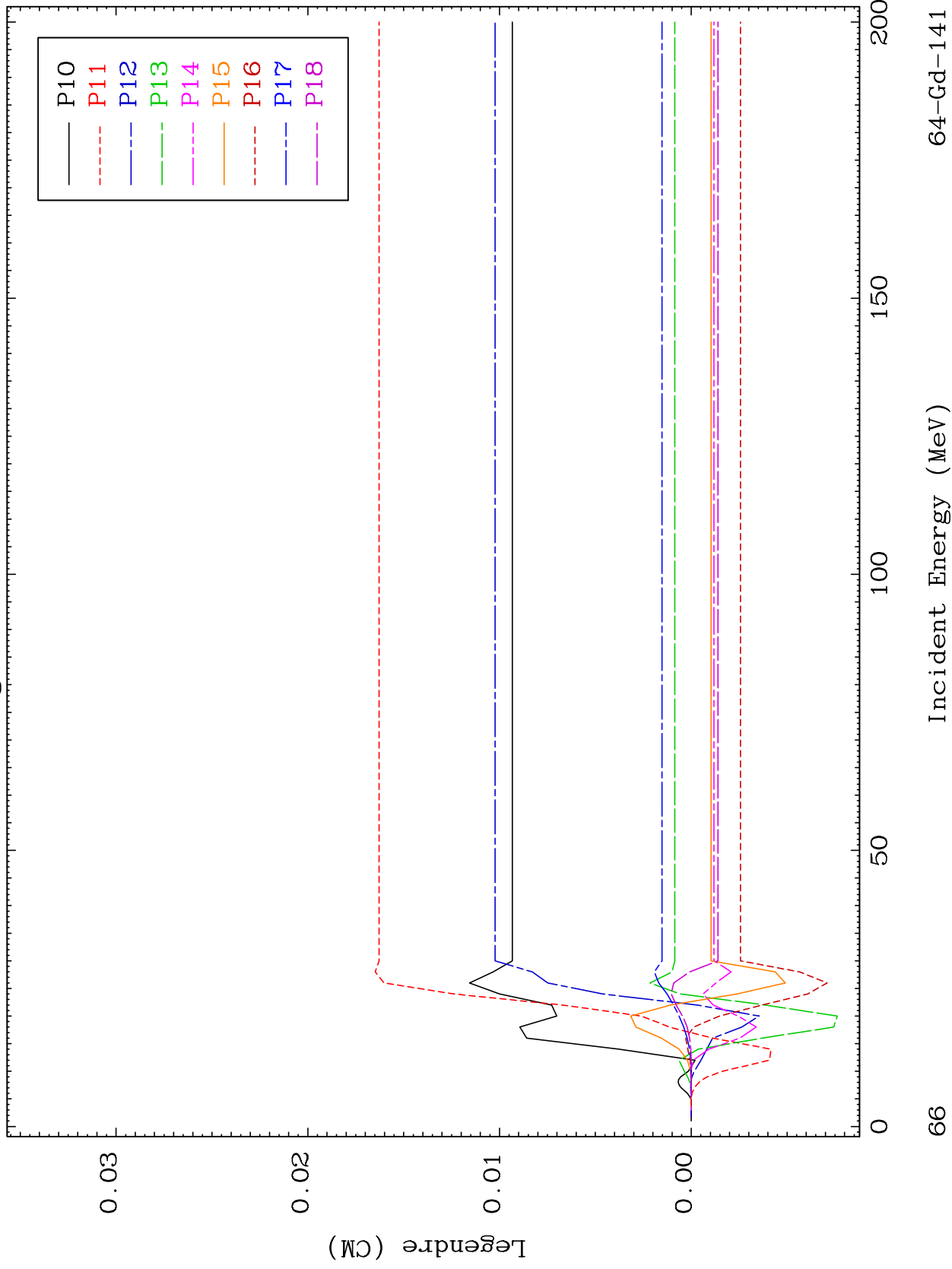
Incident Energy (MeV)

64-Gd-141

MAT 6392

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

64-Gd-141



64-Gd-141

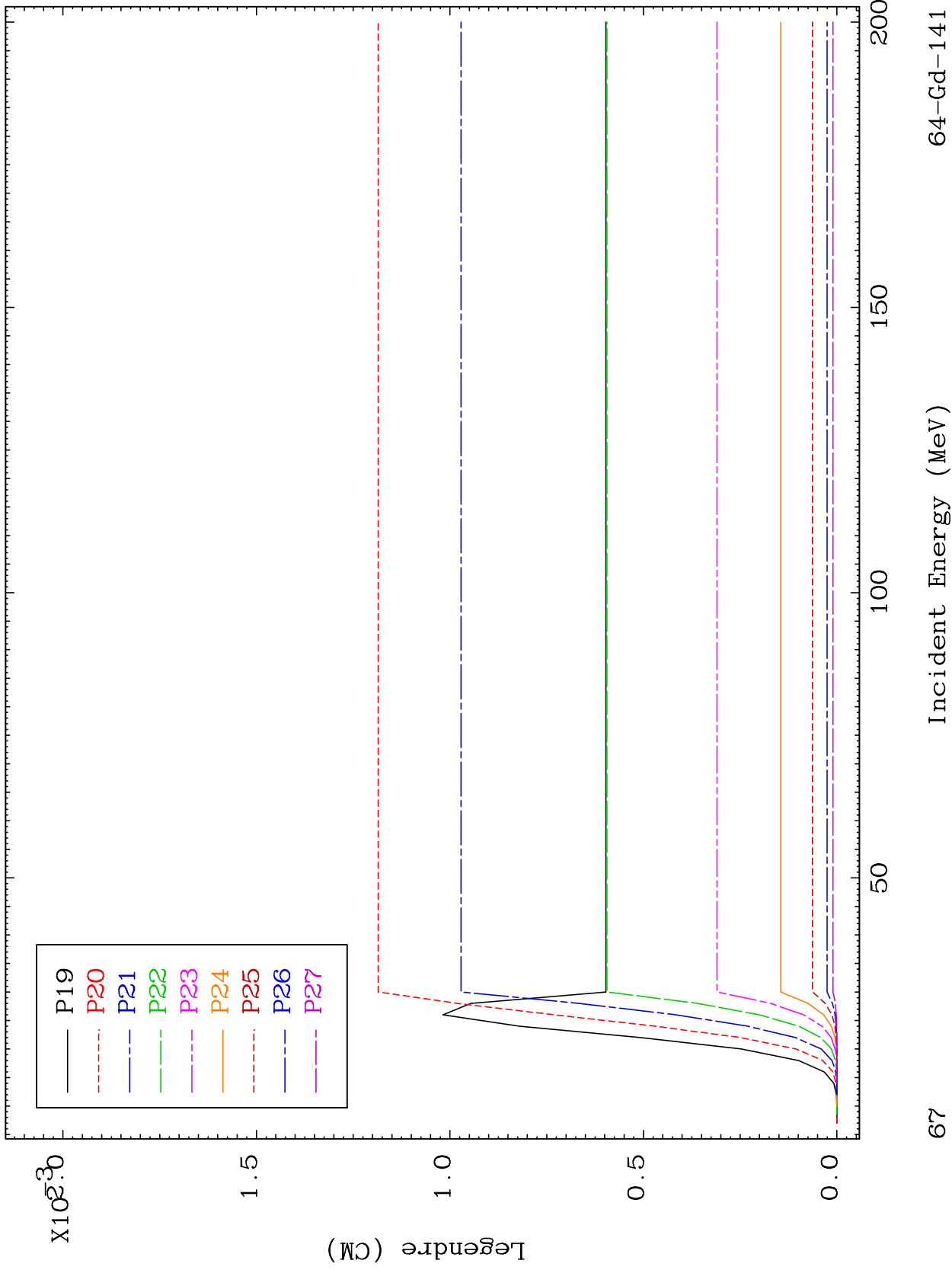
Incident Energy (MeV)

66

MAT 6392

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

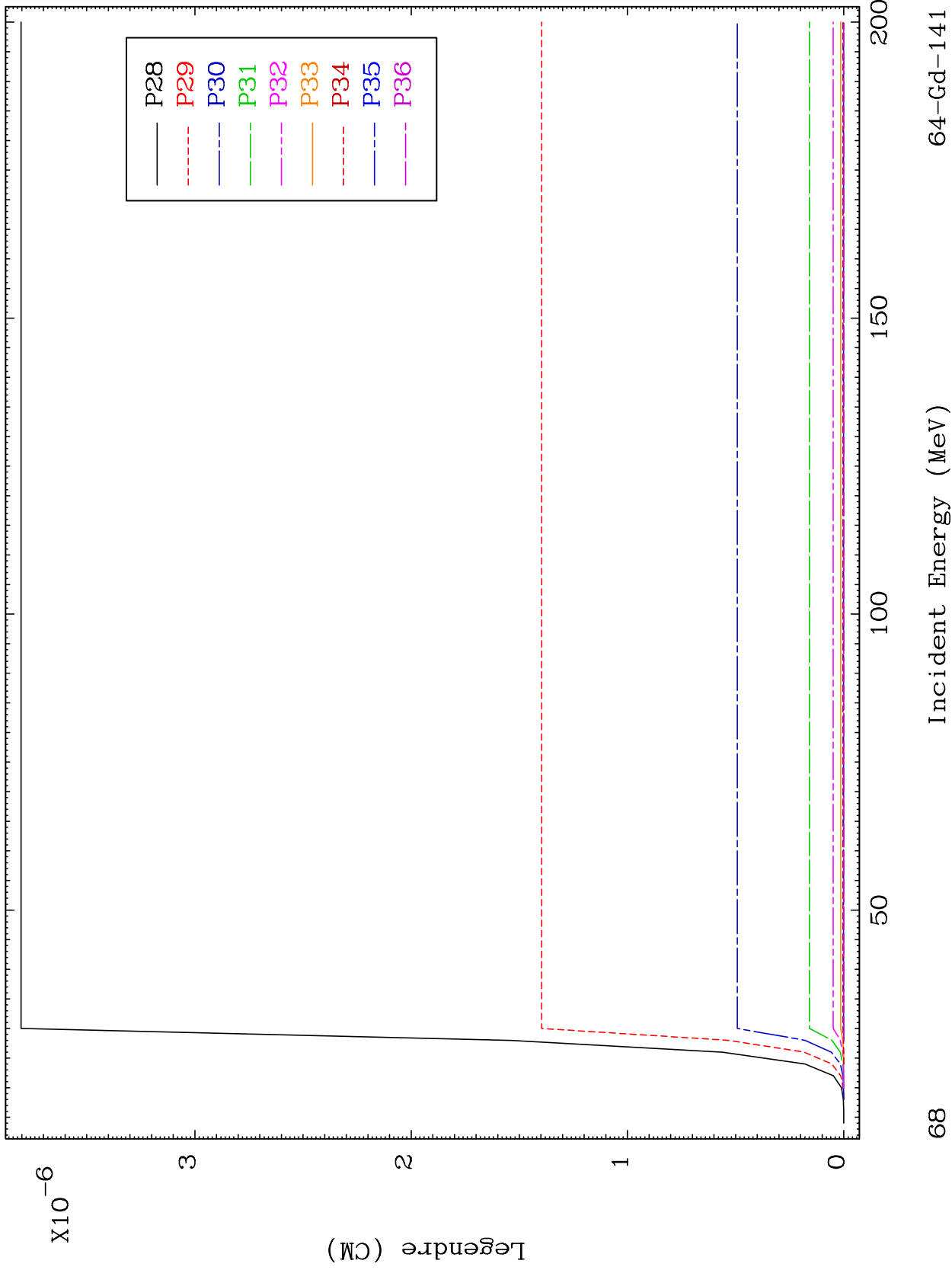
64-Gd-141



MAT 6392

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

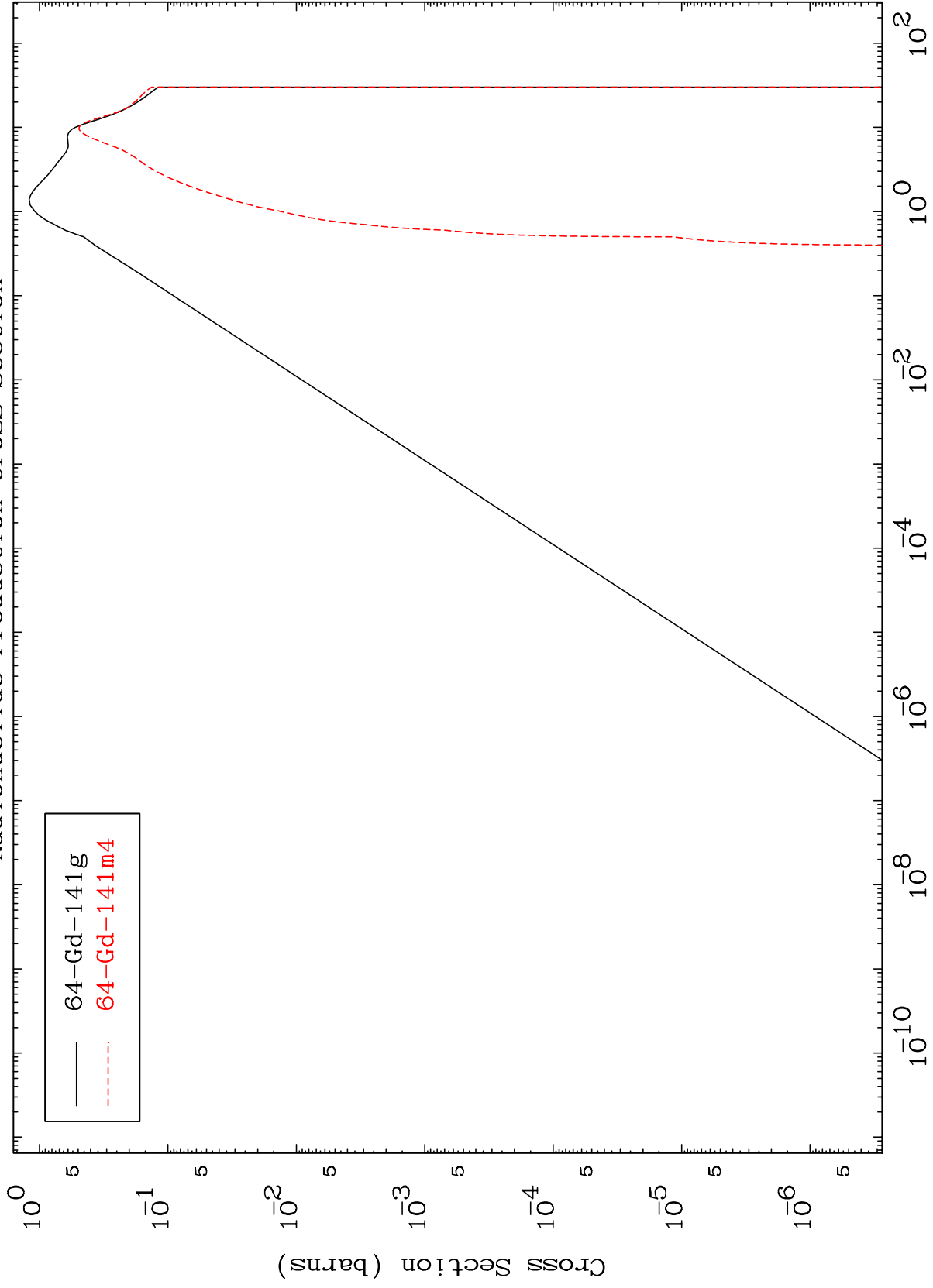
64-Gd-141



MAT 6392

Inelastic
Radionuclide Production Cross Section

64-Gd-141

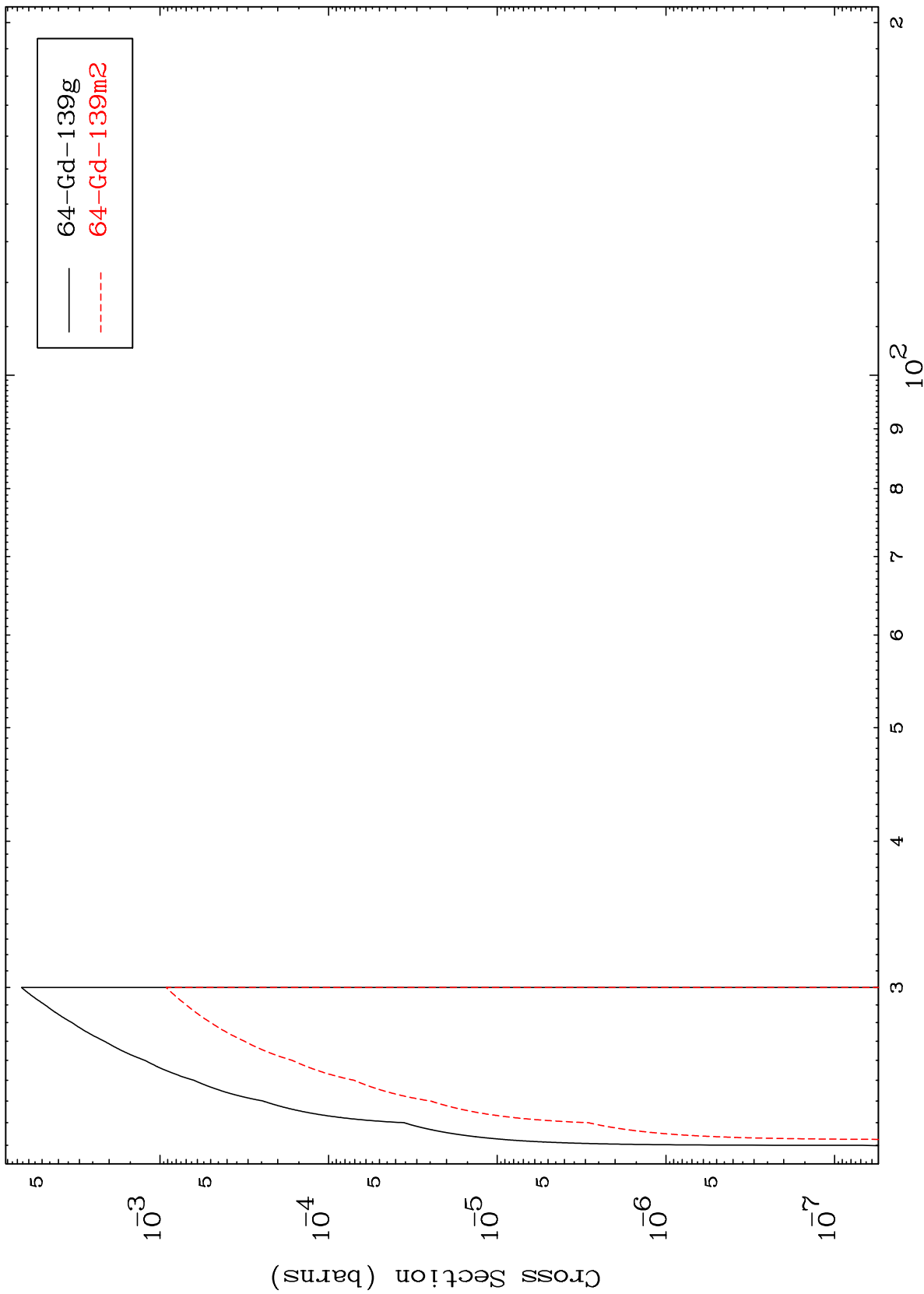


64-Gd-141 g
64-Gd-141 m4

MAT 6392

64-Gd-141

(n,3n)
Radionuclide Production Cross Section



70

Incident Energy (MeV)

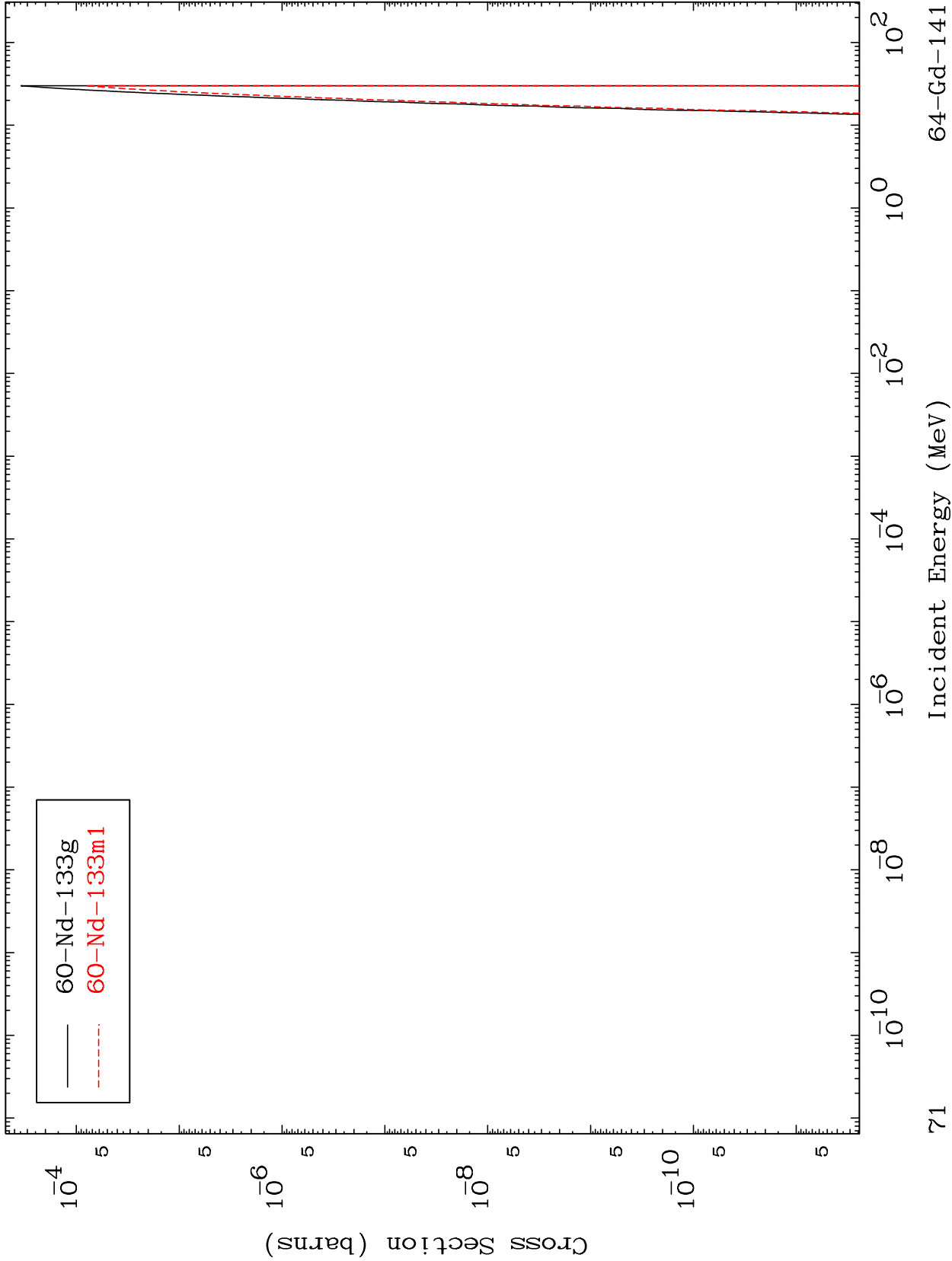
64-Gd-141

MAT 6392

(n,n') 2 α

64-Gd-141

Radionuclide Production Cross Section

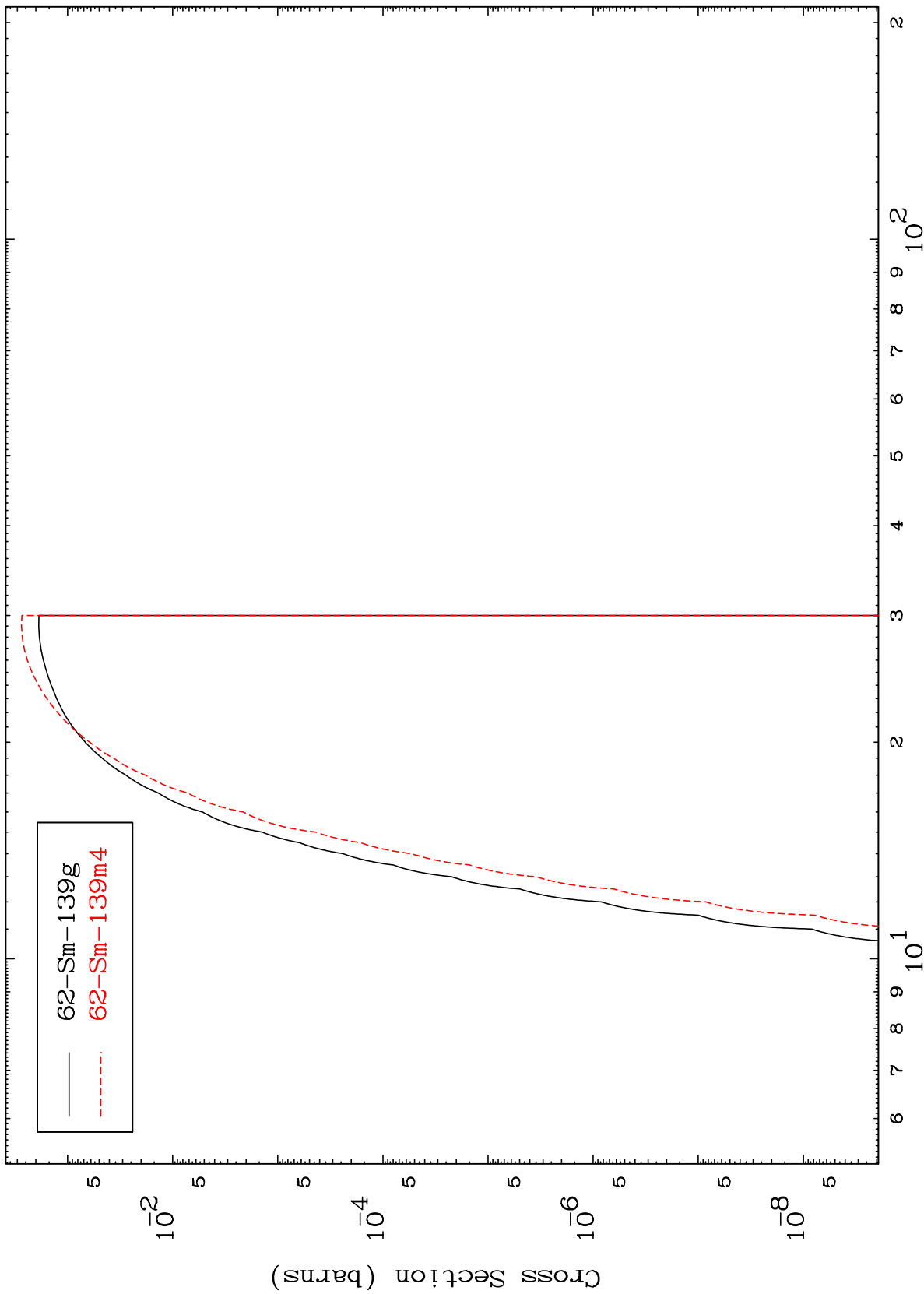


MAT 6392

(n,2n) p

64-Gd-141

Radionuclide Production Cross Section



72

Incident Energy (MeV)

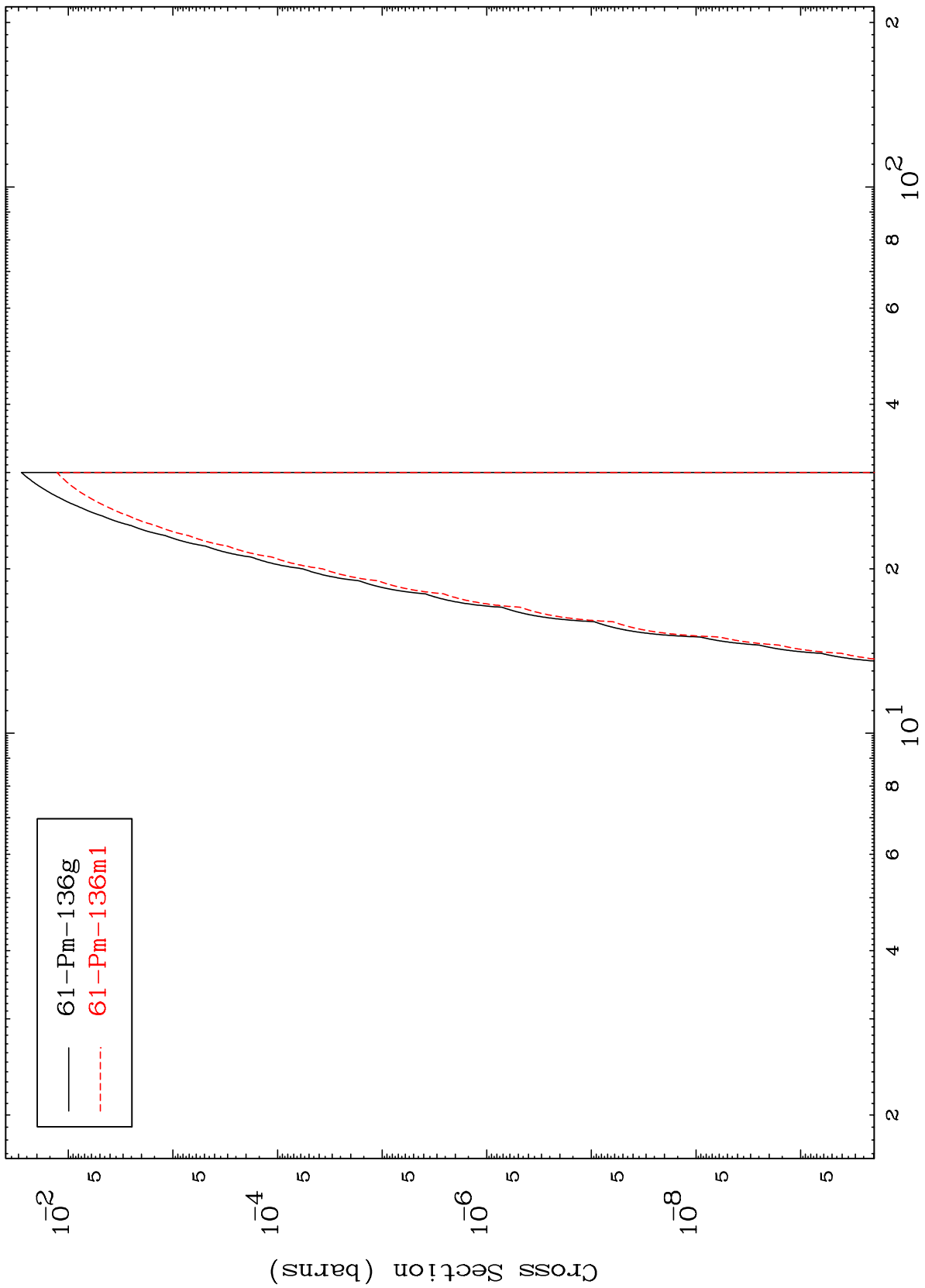
64-Gd-141

MAT 6392

(n,n') p α

64-Gd-141

Radionuclide Production Cross Section



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

73

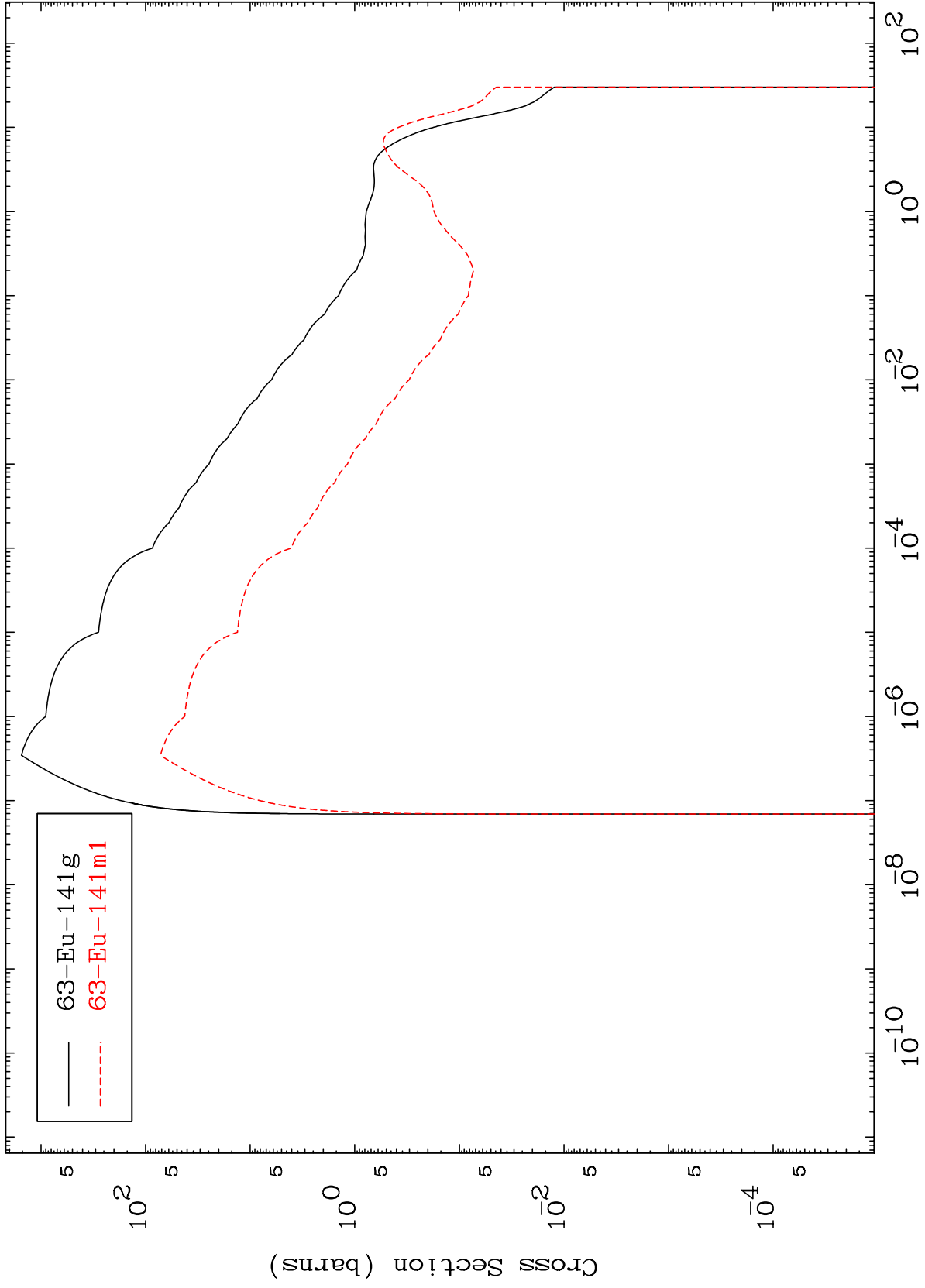
Incident Energy (MeV)

64-Gd-141

MAT 6392

64-Gd-141

(n,p)
Radionuclide Production Cross Section



63-Eu-141g
63-Eu-141m1

64-Gd-141

Incident Energy (MeV)

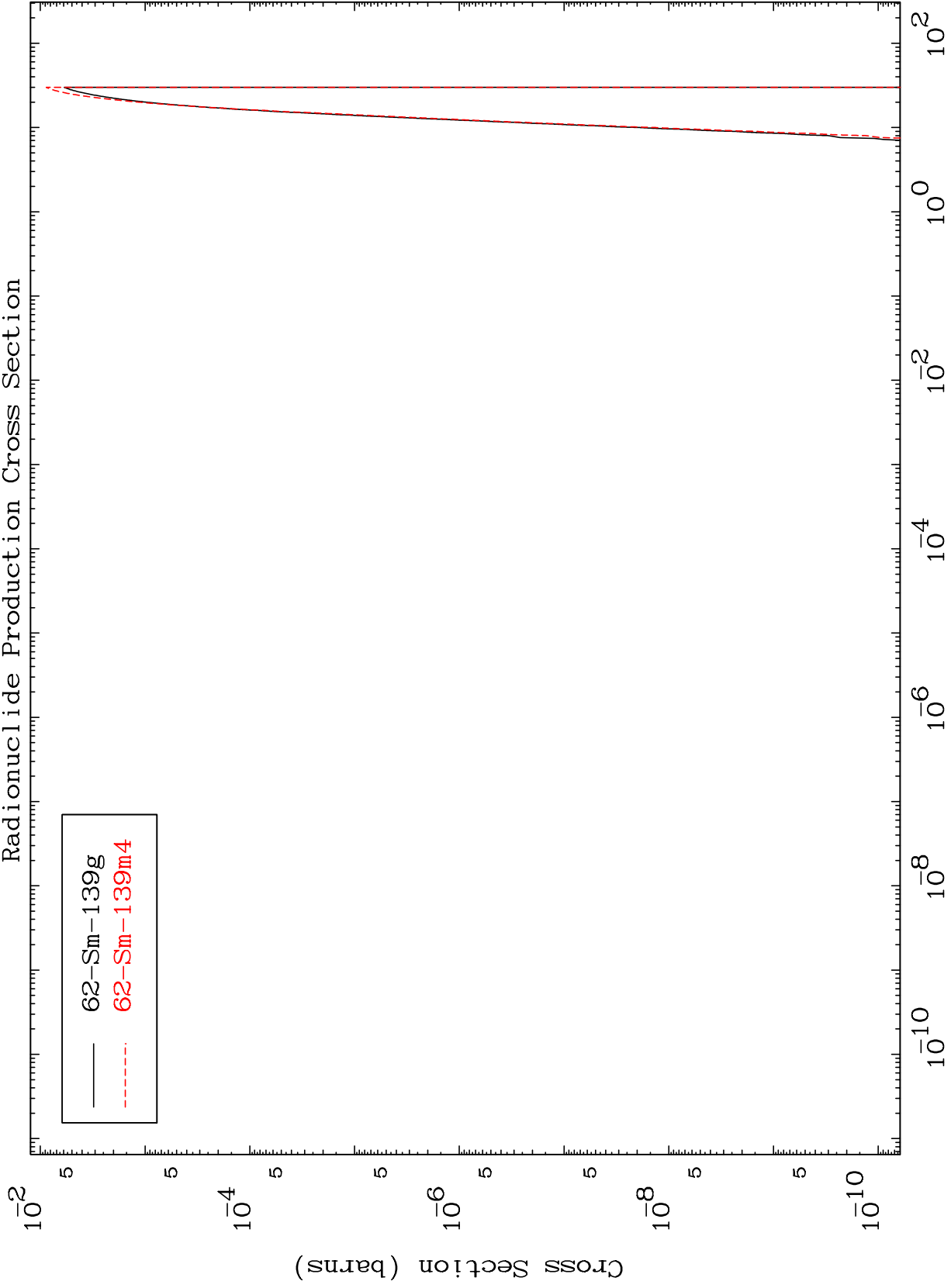
74

MAT 6392

(n,He-3)

64-Gd-141

Radionuclide Production Cross Section



75

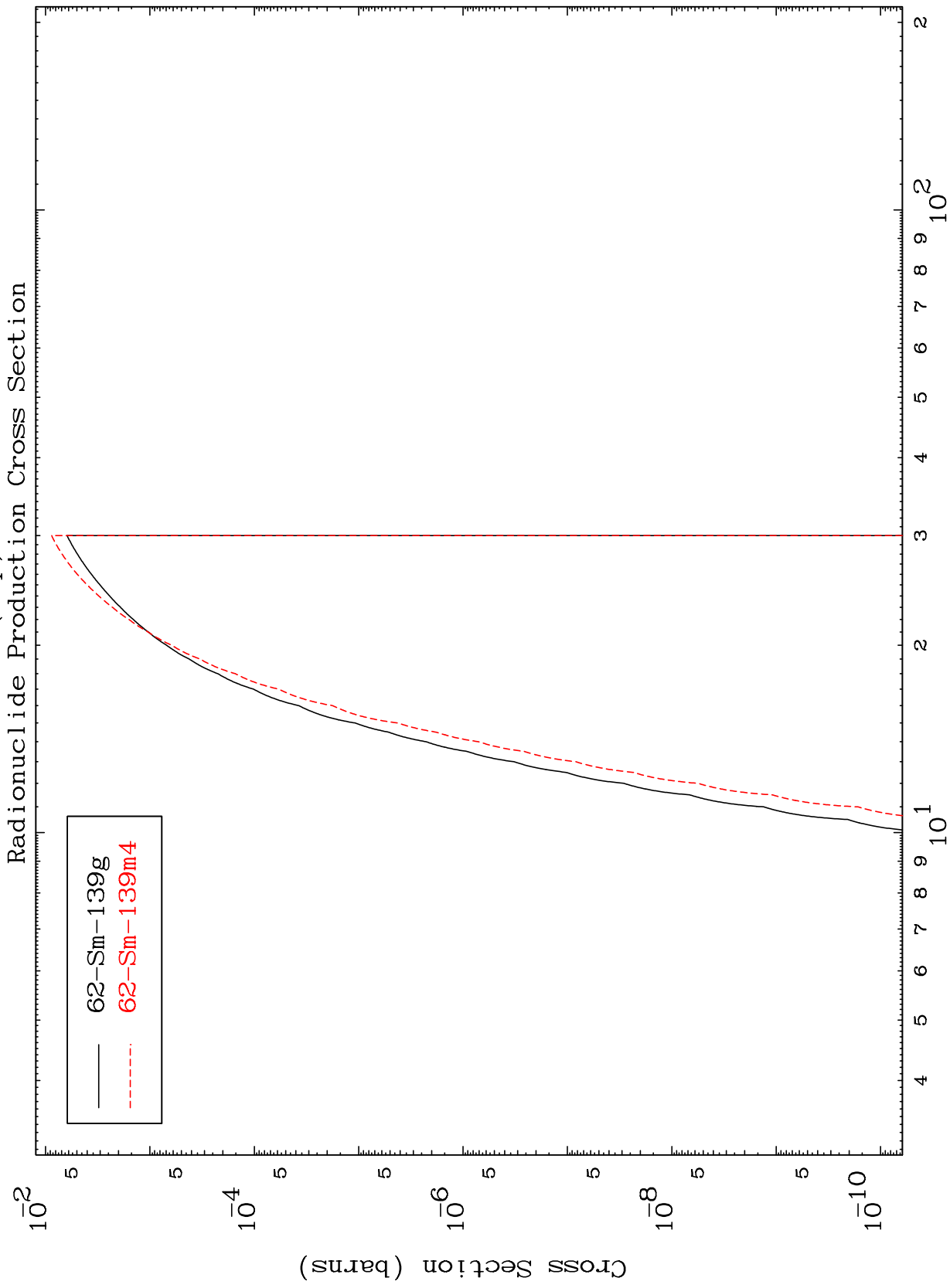
Incident Energy (MeV)

64-Gd-141

MAT 6392

(n,p) d

64-Gd-141



76

Incident Energy (MeV)

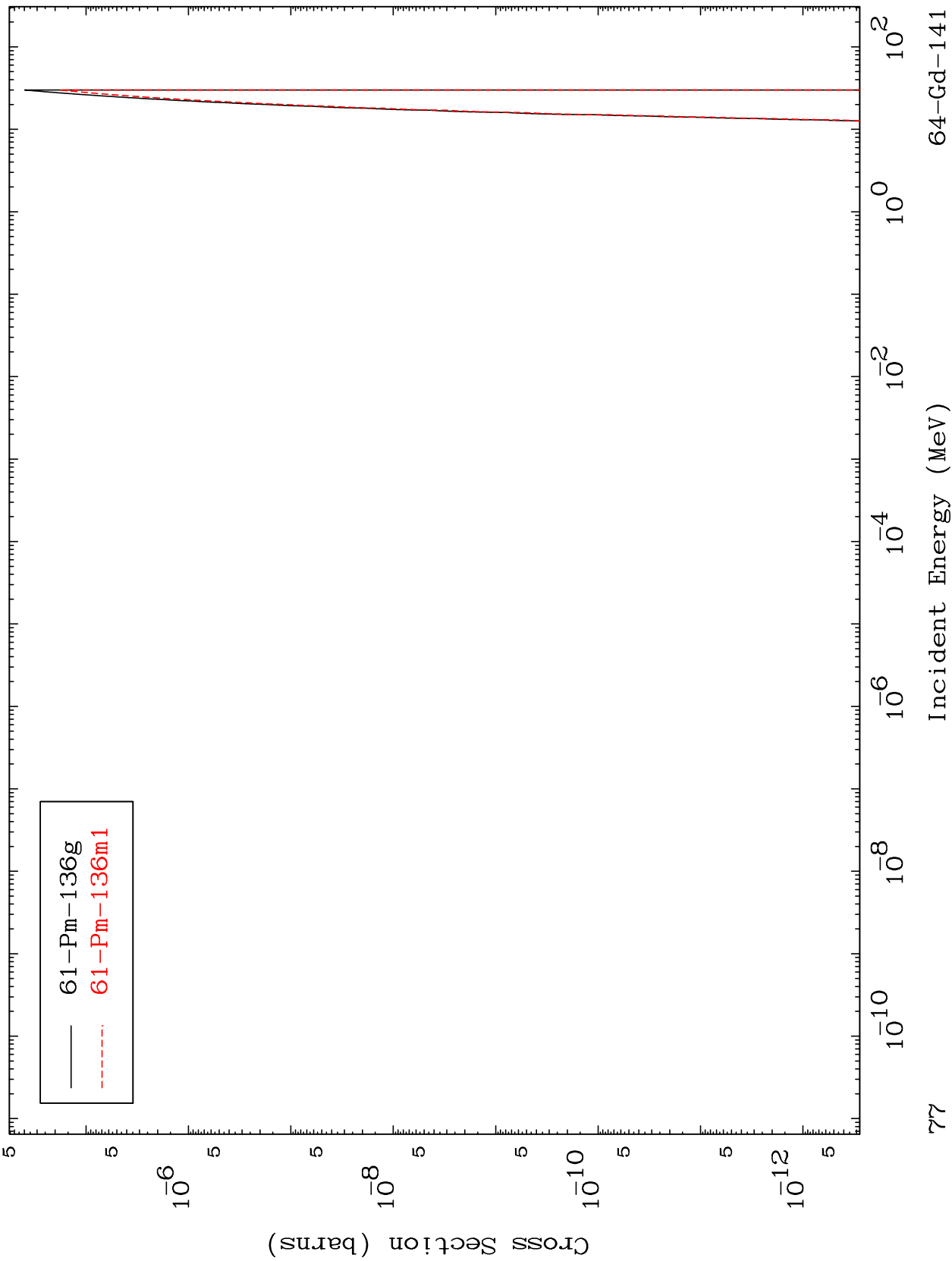
64-Gd-141

MAT 6392

(n,d) α

64-Gd-141

Radionuclide Production Cross Section



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