

Program EVALPLOT
(Version 2021-1)

by

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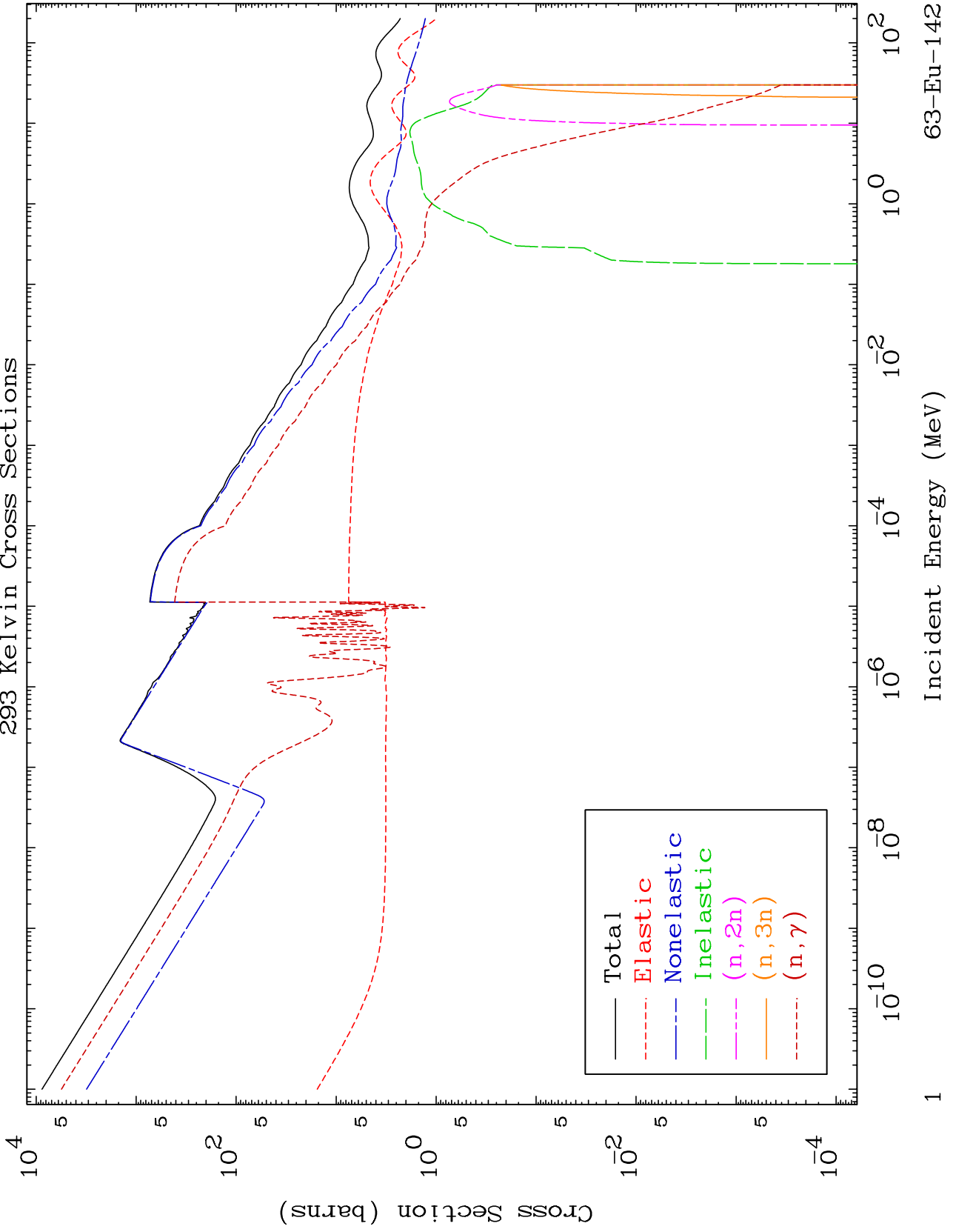
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Press Mouse Button to Start

MAT 6298

Neutron Major
293 Kelvin Cross Sections

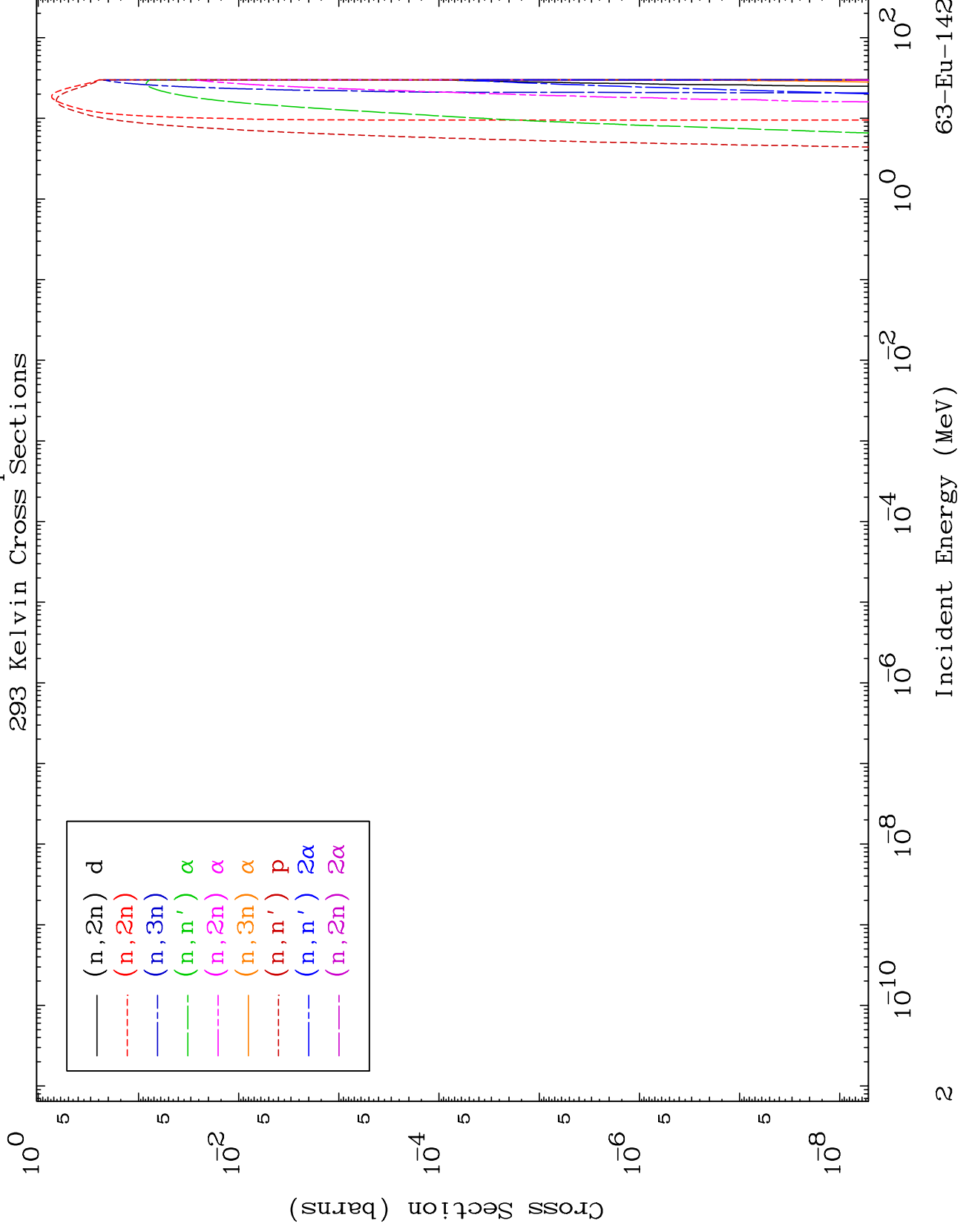
63-Eu-142



MAT 6298

Neutron Absorption
293 Kelvin Cross Sections

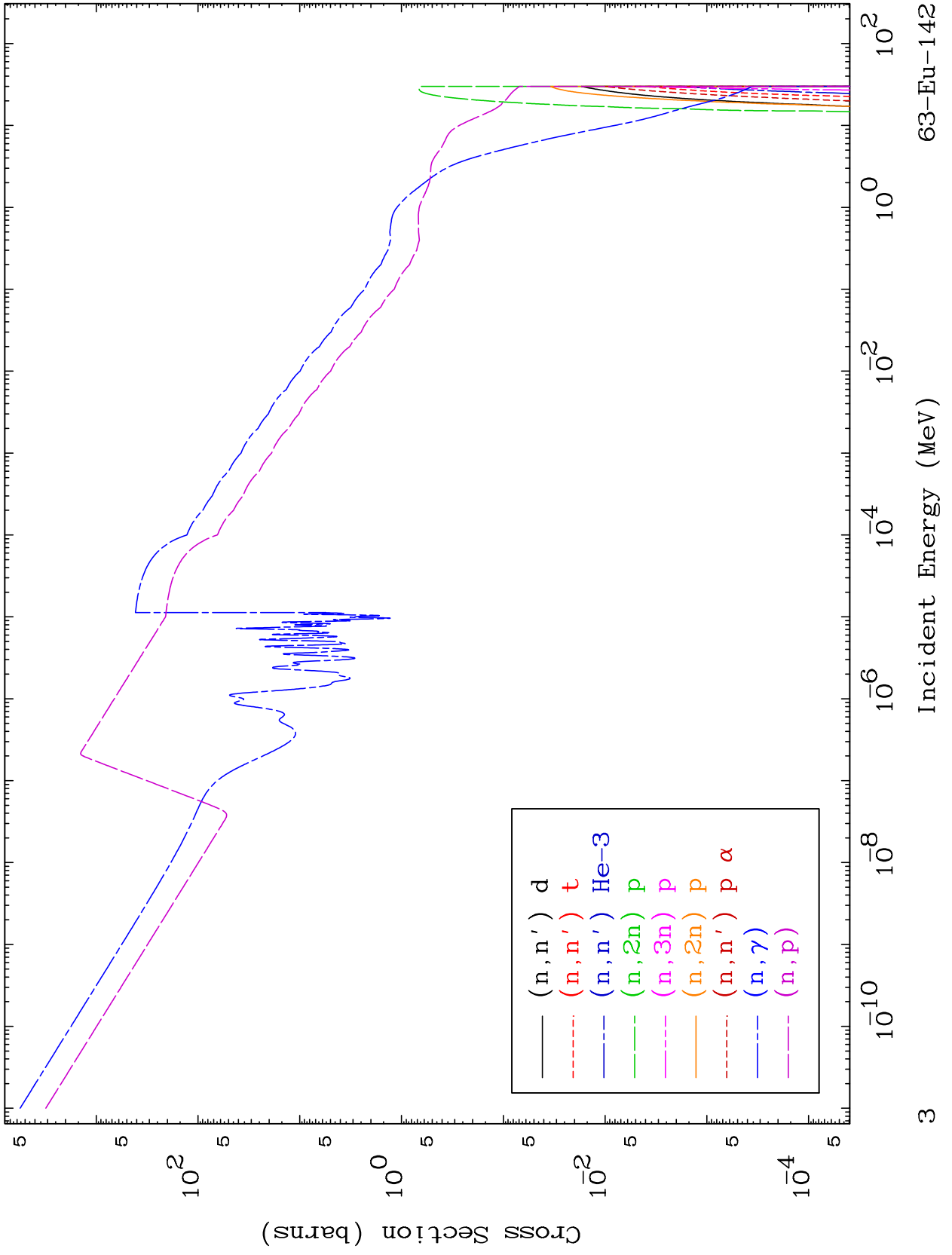
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MAT 6298

Neutron Absorption
293 Kelvin Cross Sections

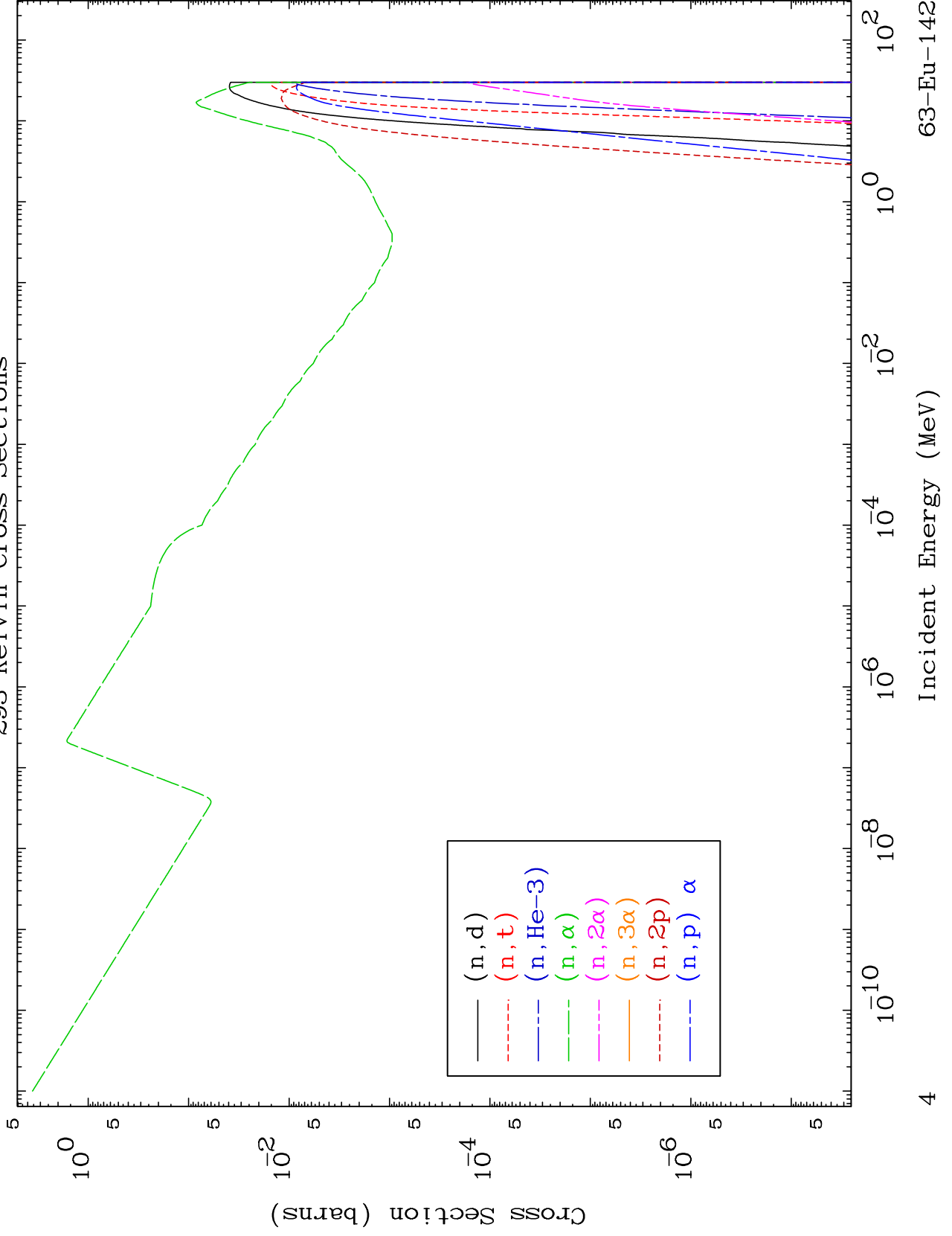
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MAT 6298

Neutron Absorption
293 Kelvin Cross Sections

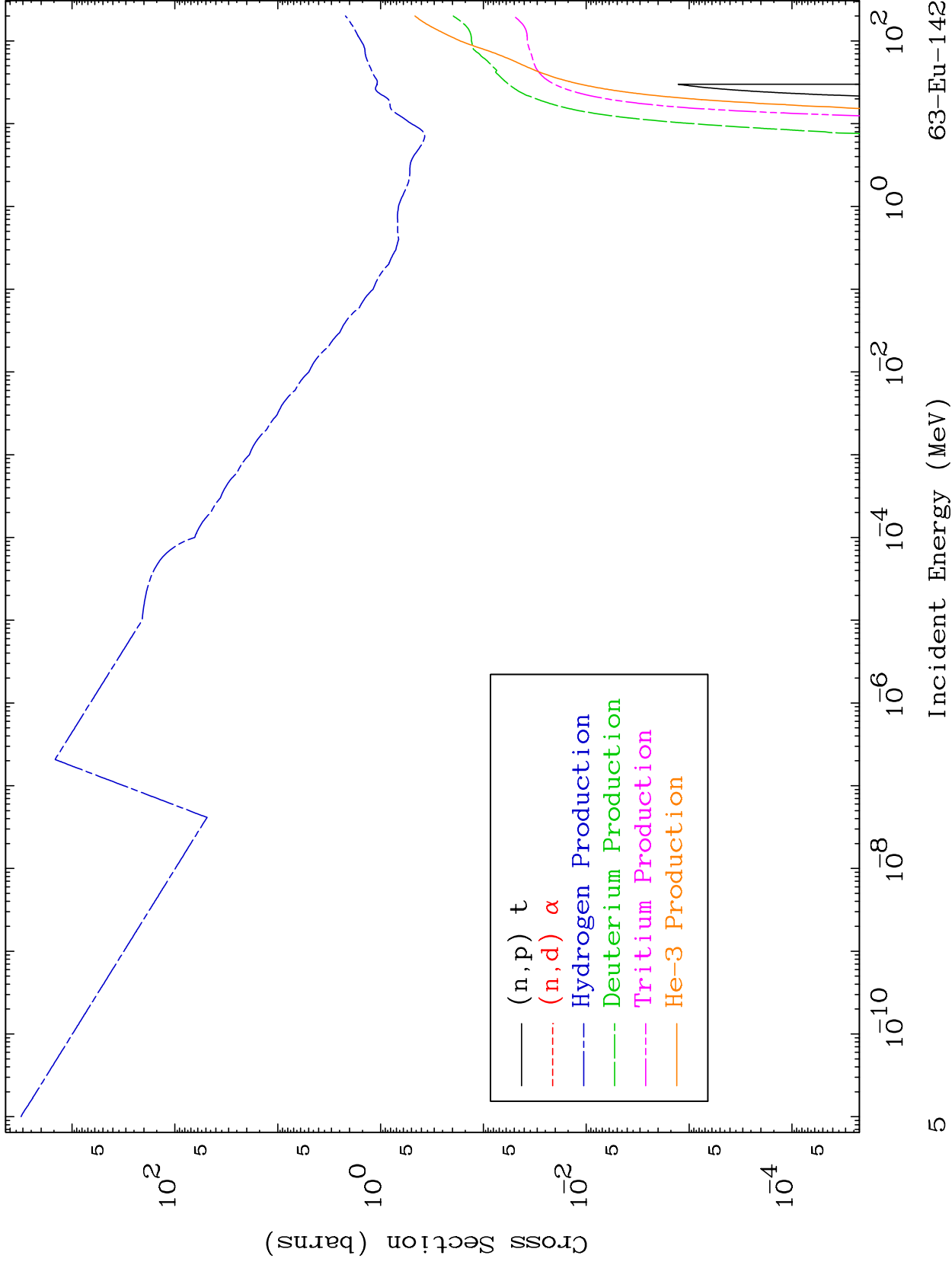
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MAT 6298

Neutron Absorption
293 Kelvin Cross Sections

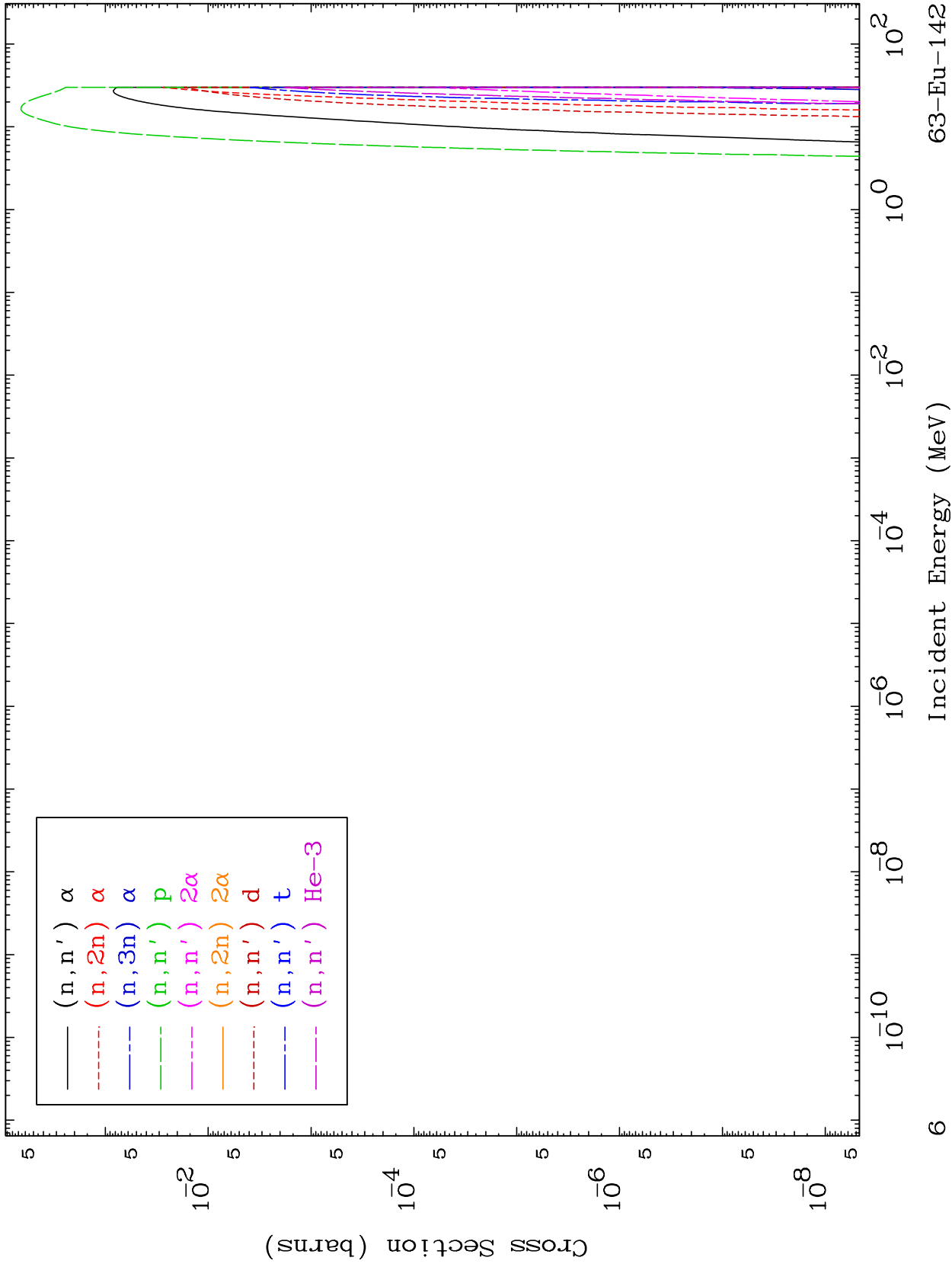
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MAT 6298

Charged Particle
293 Kelvin Cross Sections

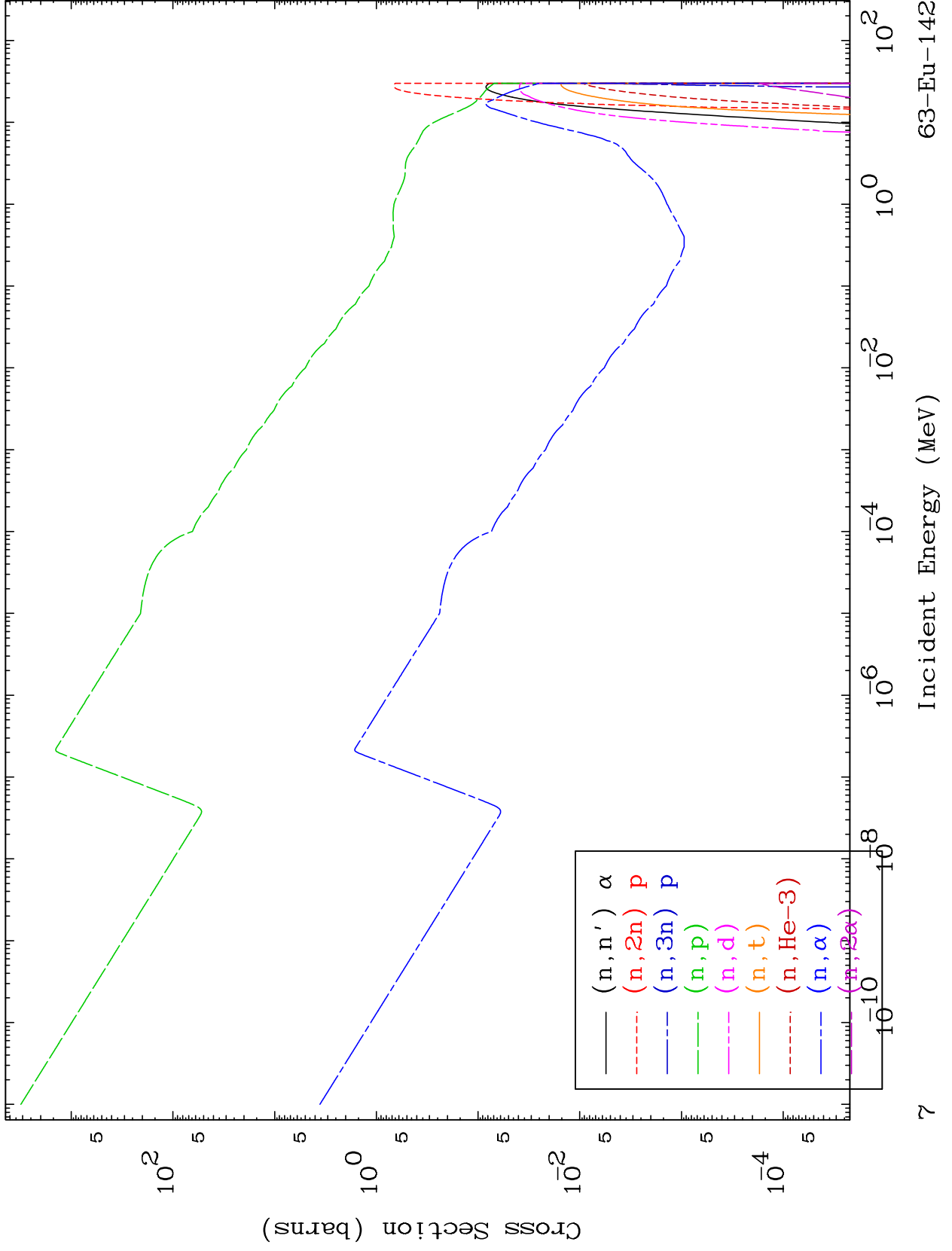
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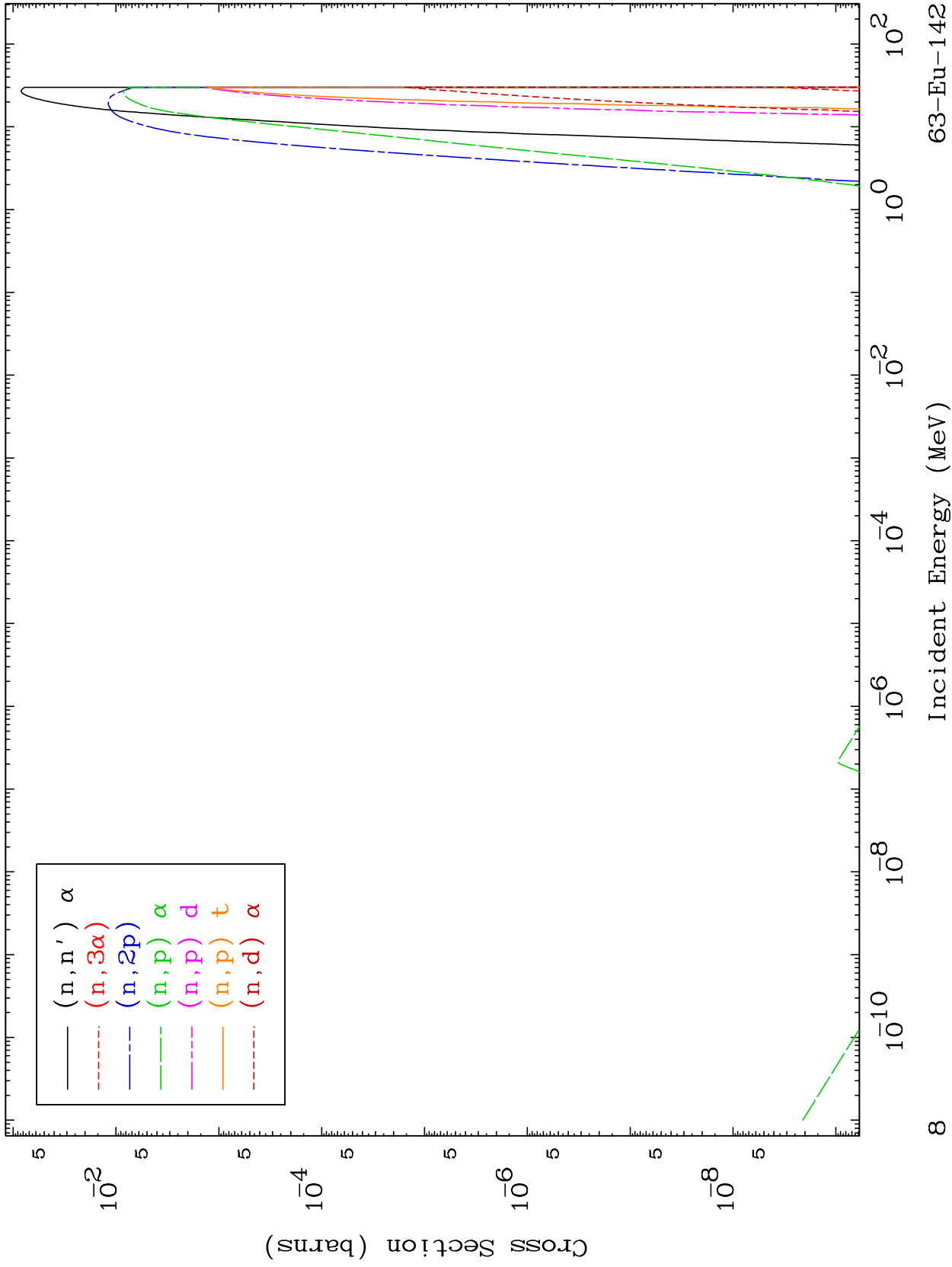


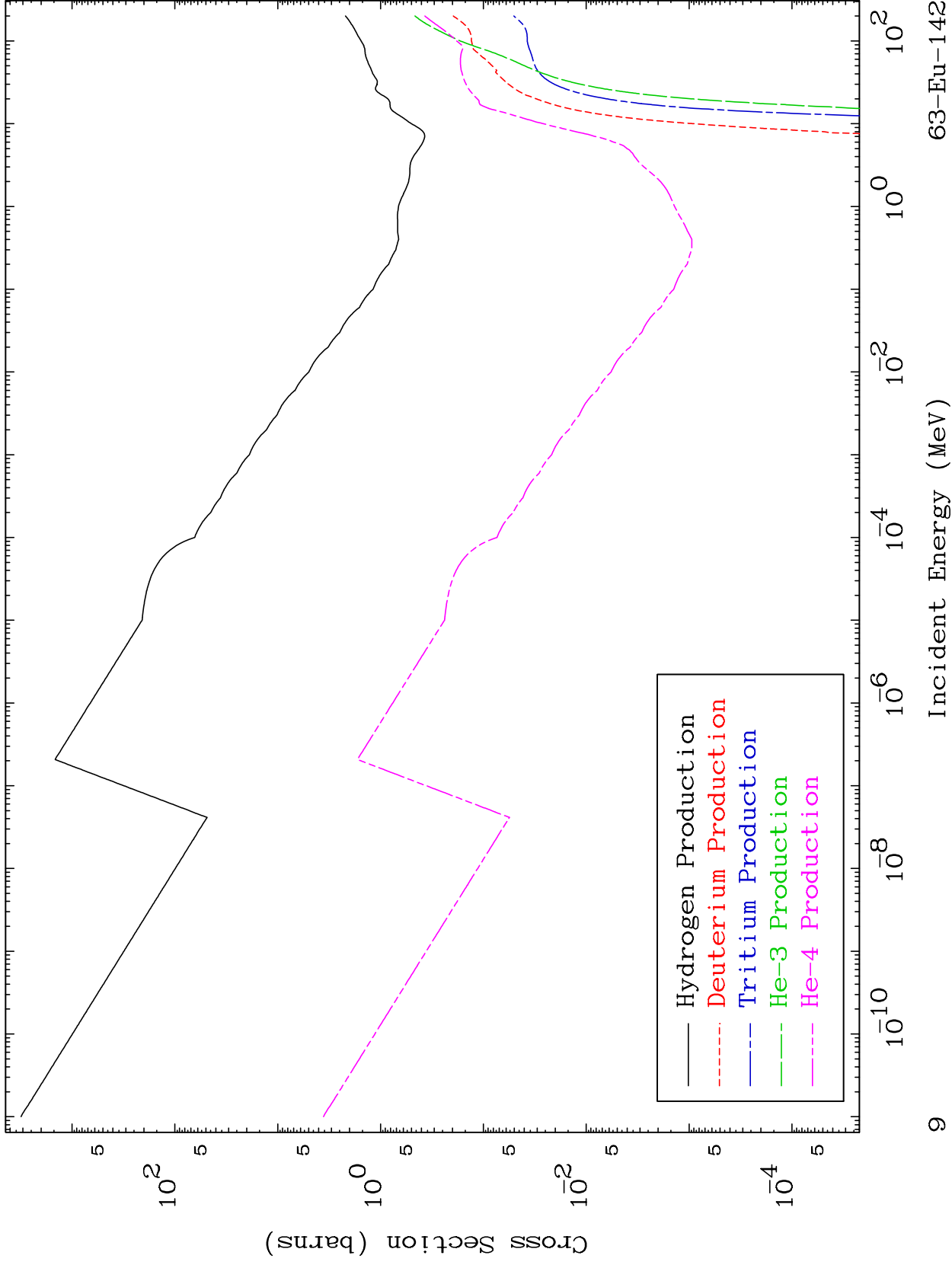
MAT 6298

Charged Particle
293 Kelvin Cross Sections

63-Eu-142





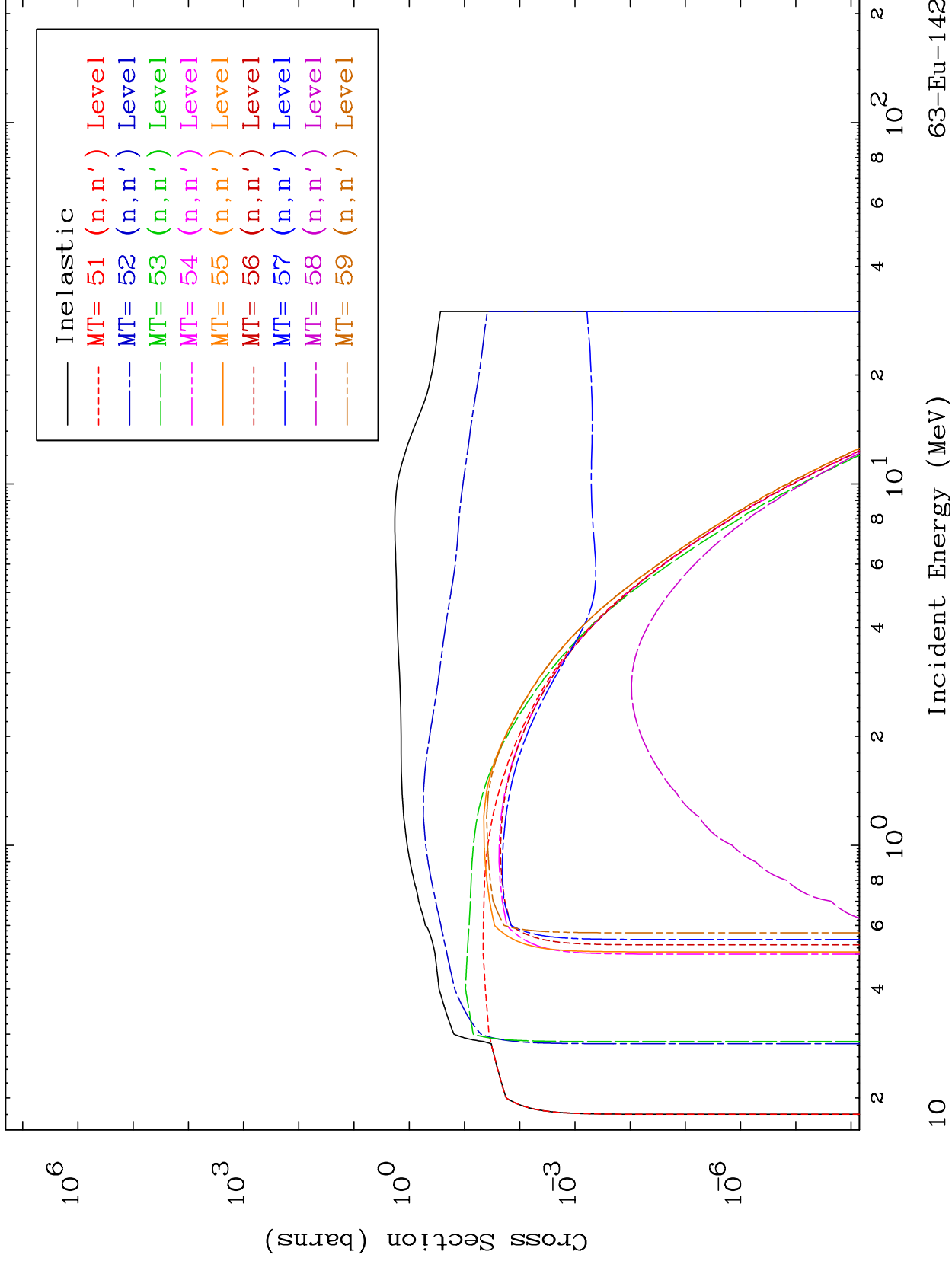


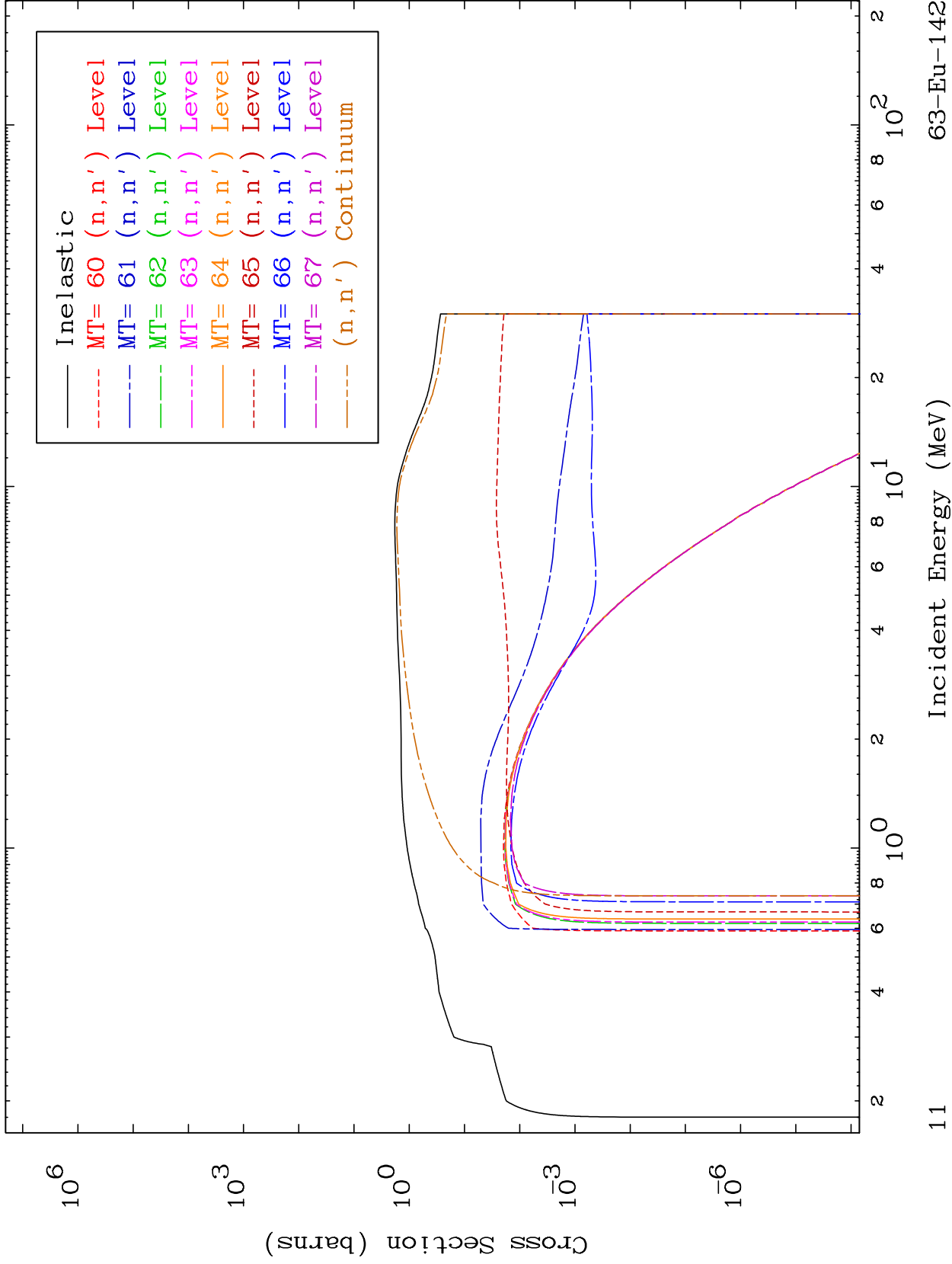
MAT 6298

(n,n') Levels

63-Eu-142

293 Kelvin Cross Sections

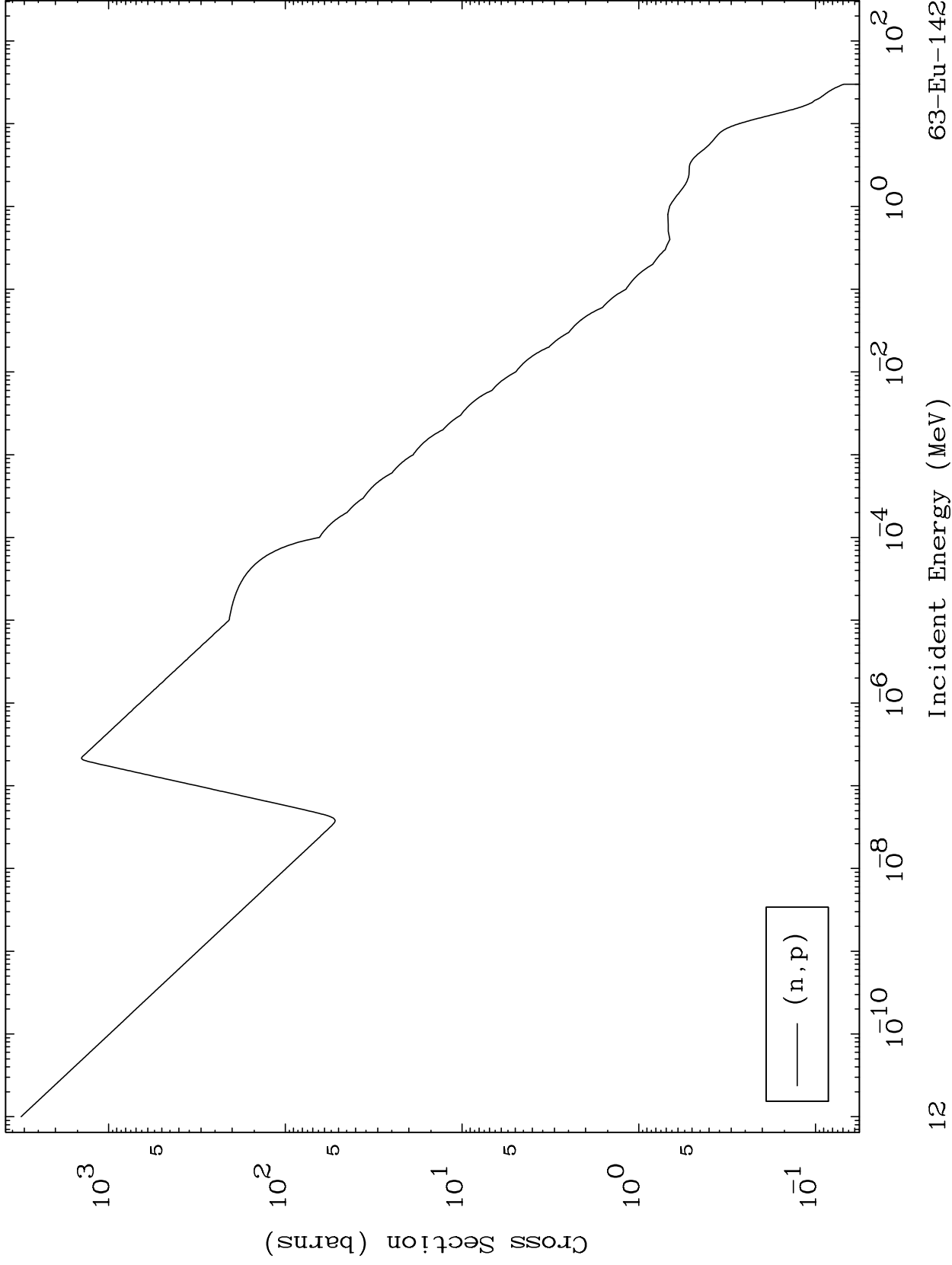




MAT 6298

(n,p) Levels
293 Kelvin Cross Sections

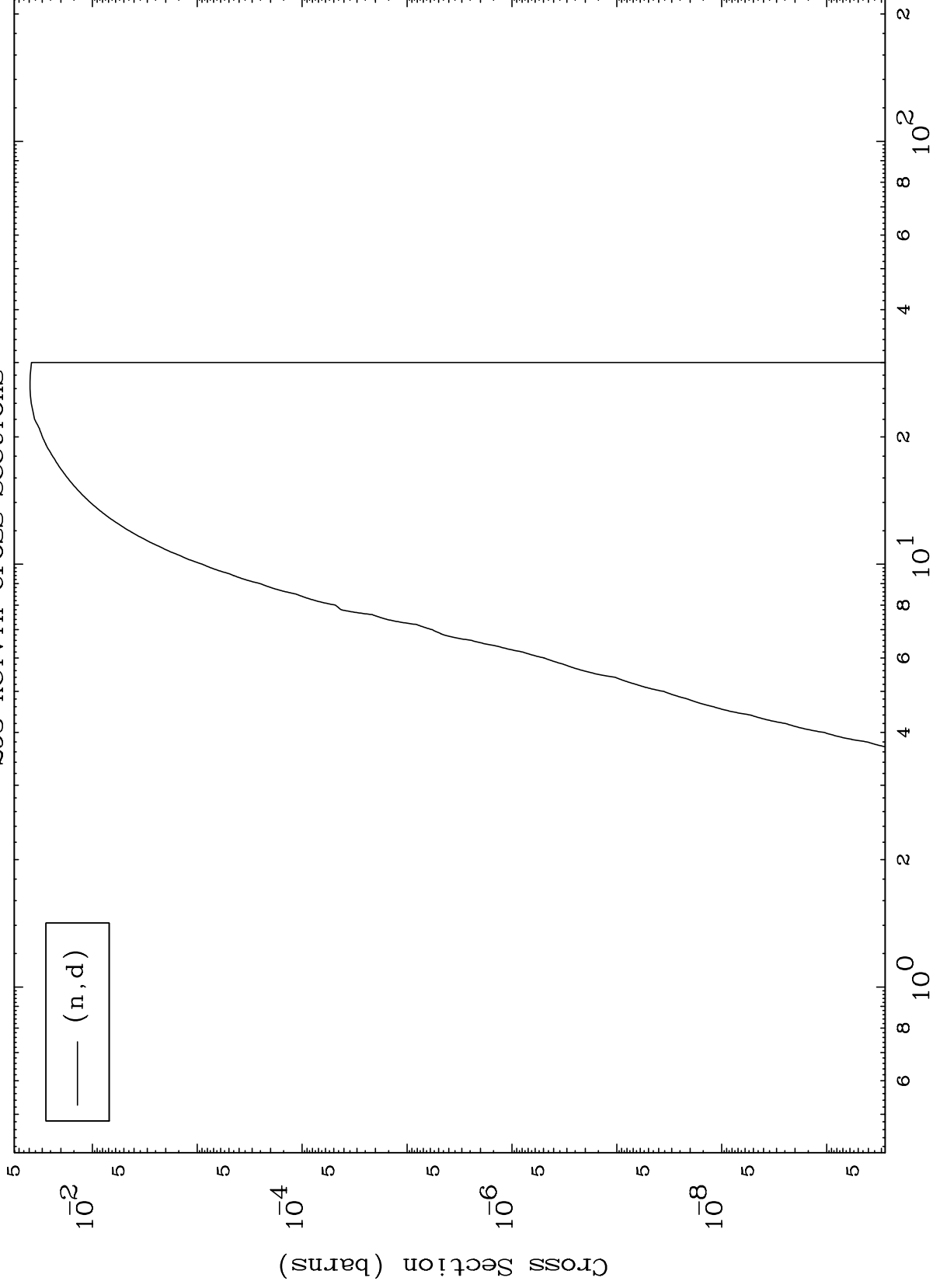
63-Eu-142



MAT 6298

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-142



13

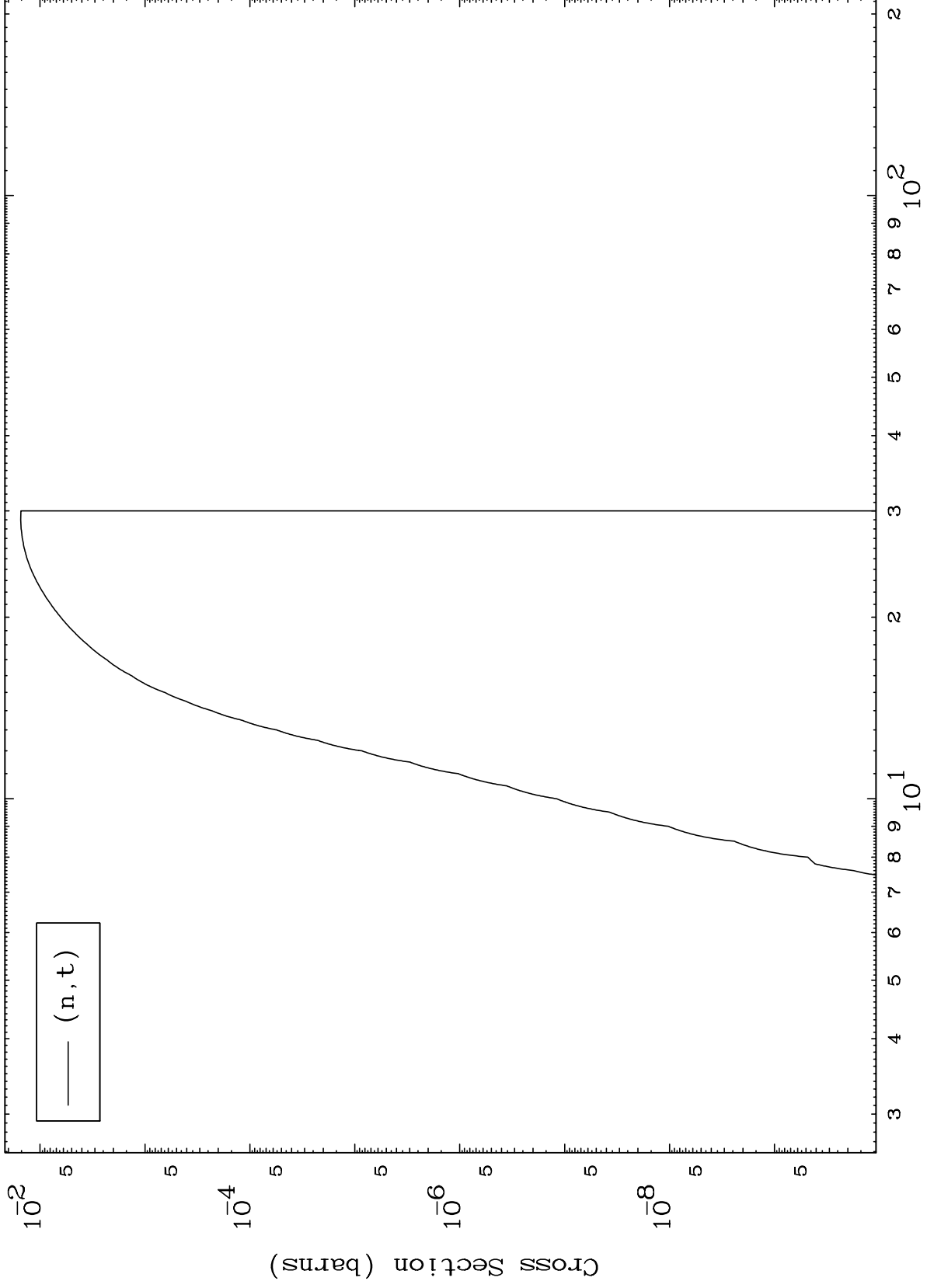
Incident Energy (MeV)

63-Eu-142

MAT 6298

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-142



14

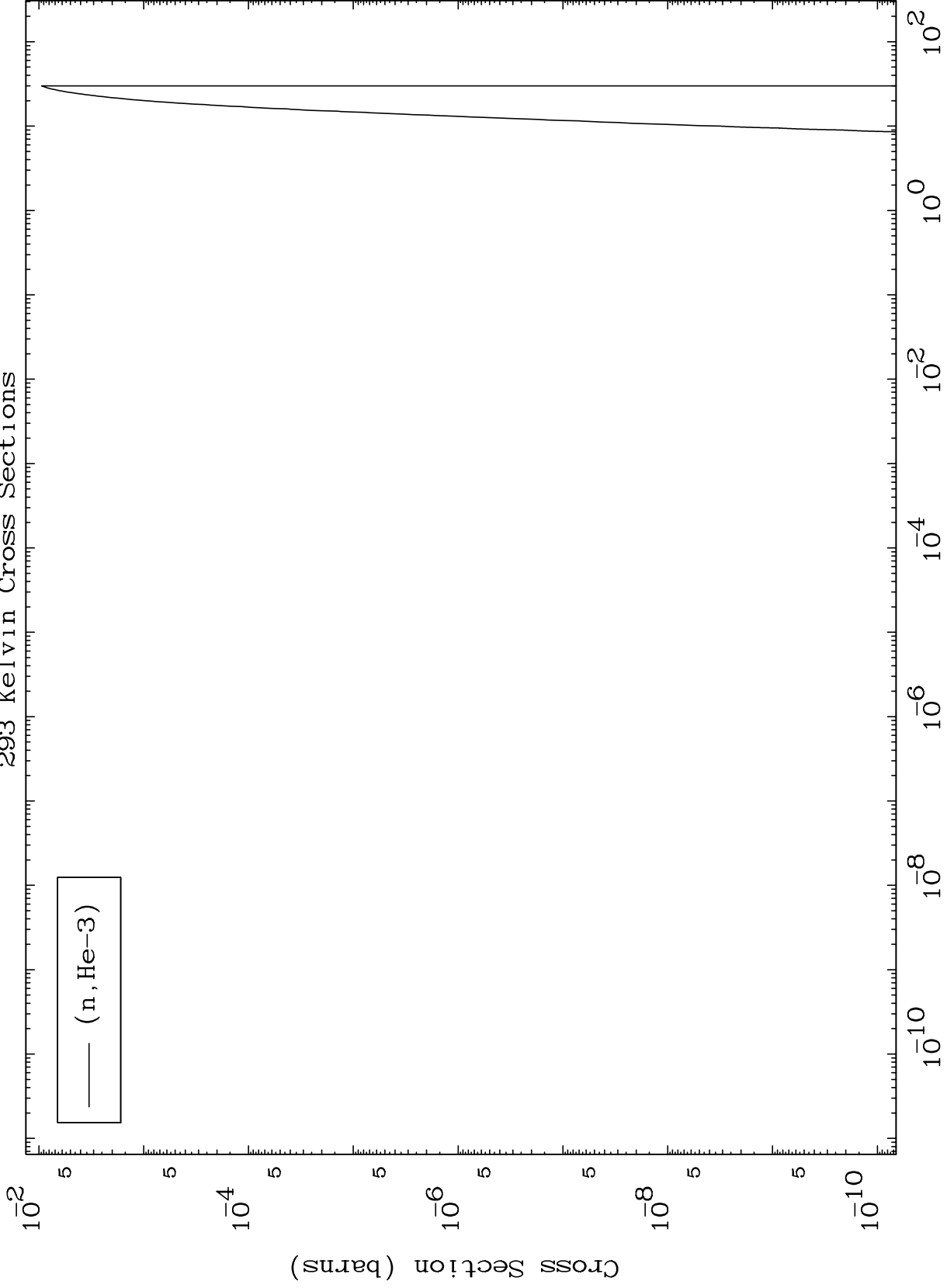
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63-Eu-142

MAT 6298

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-142

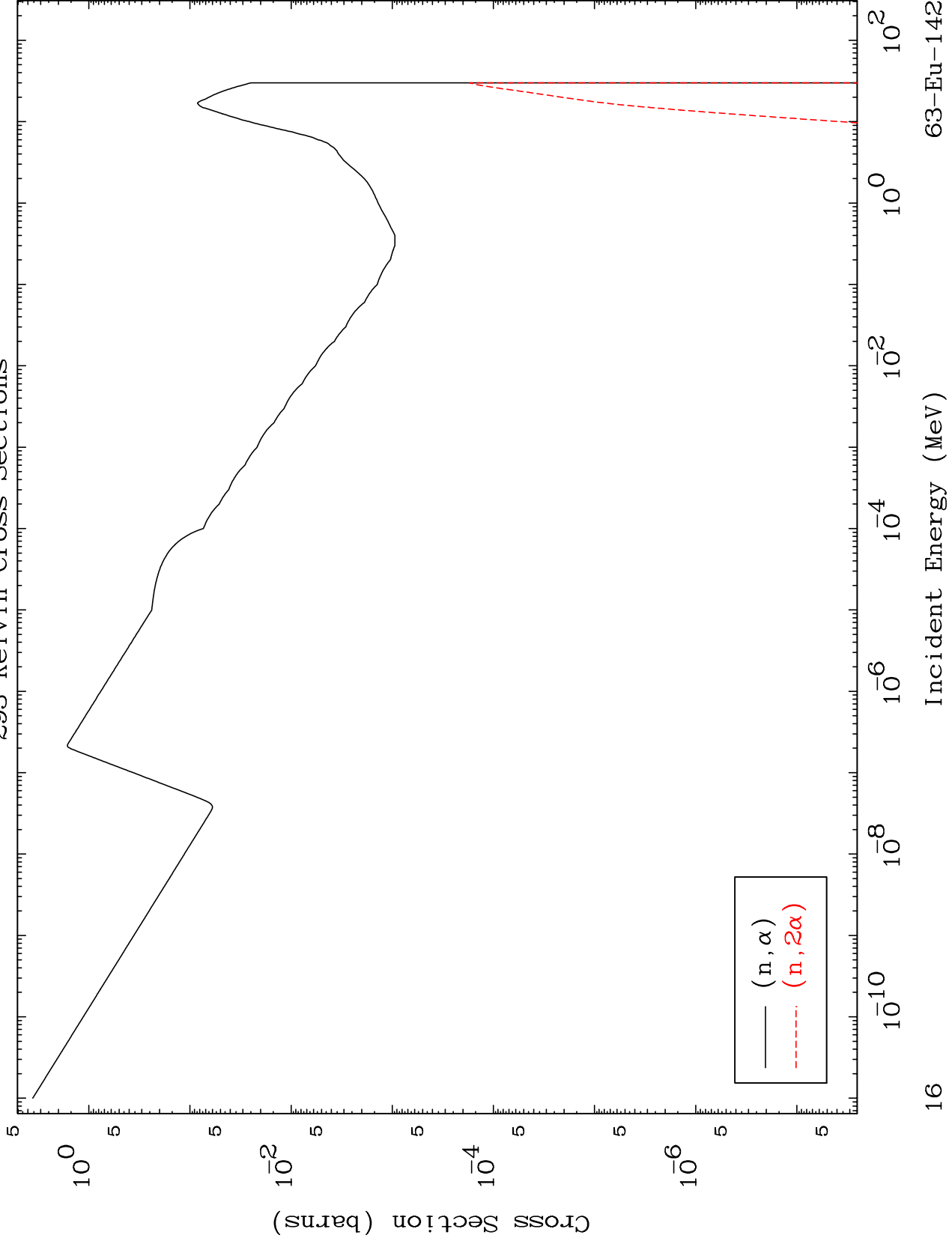


(n, He-3)

MAT 6298

(n, α) Levels
293 Kelvin Cross Sections

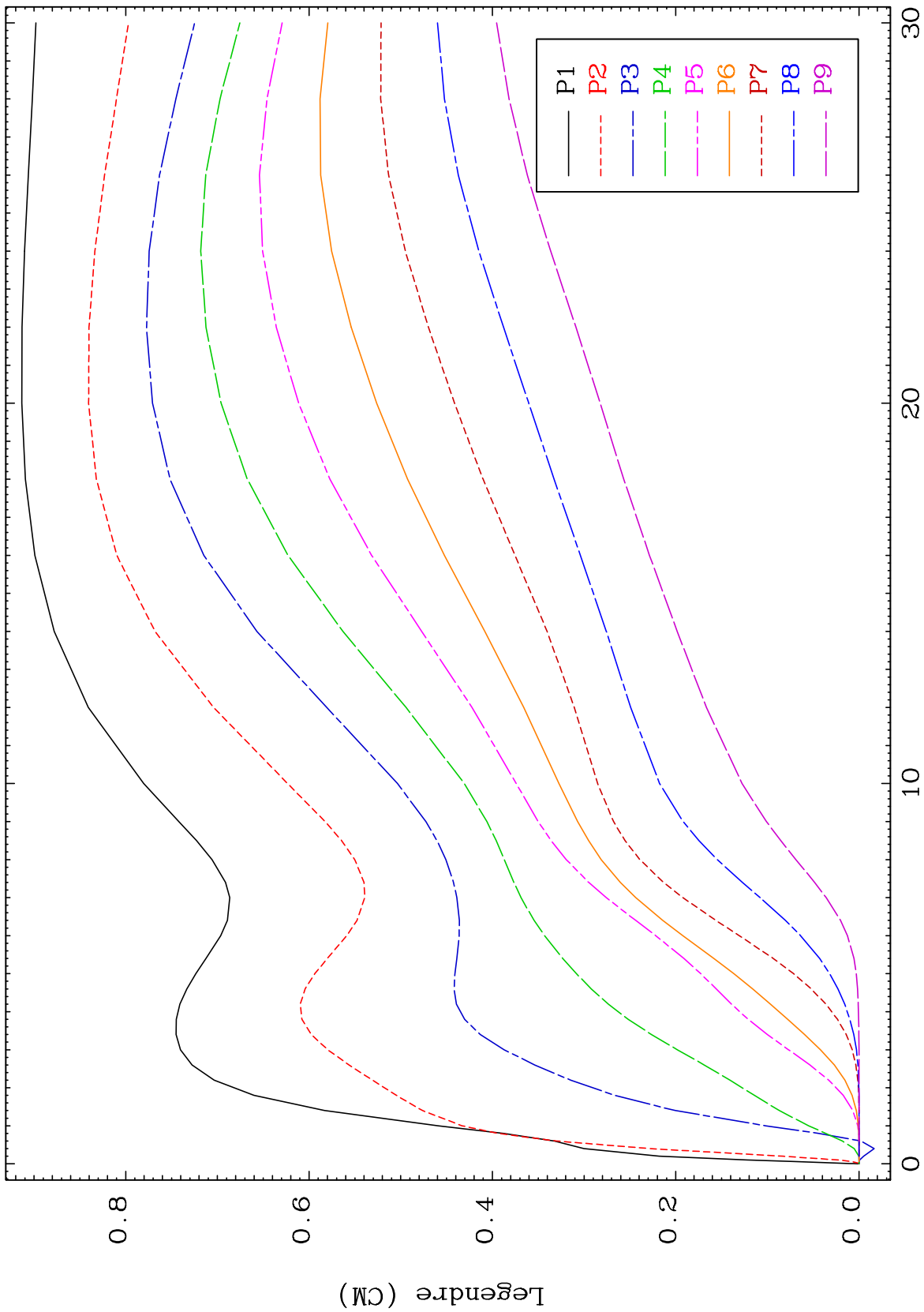
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MAT 6298

Elastic Legendre Coefficients

63-Eu-142



17

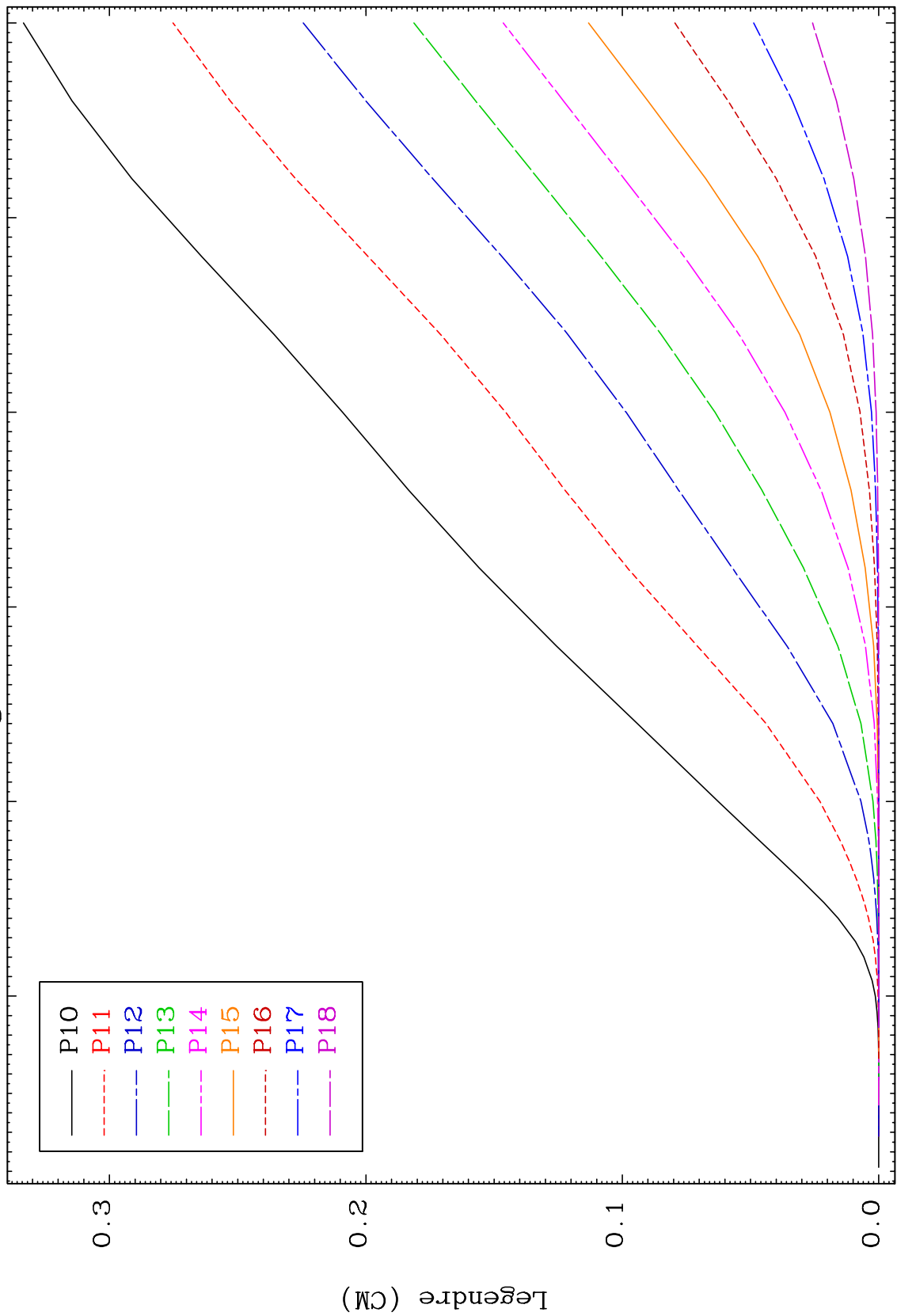
Incident Energy (MeV)

63-Eu-142

MAT 6298

Elastic Legendre Coefficients

63-Eu-142



18

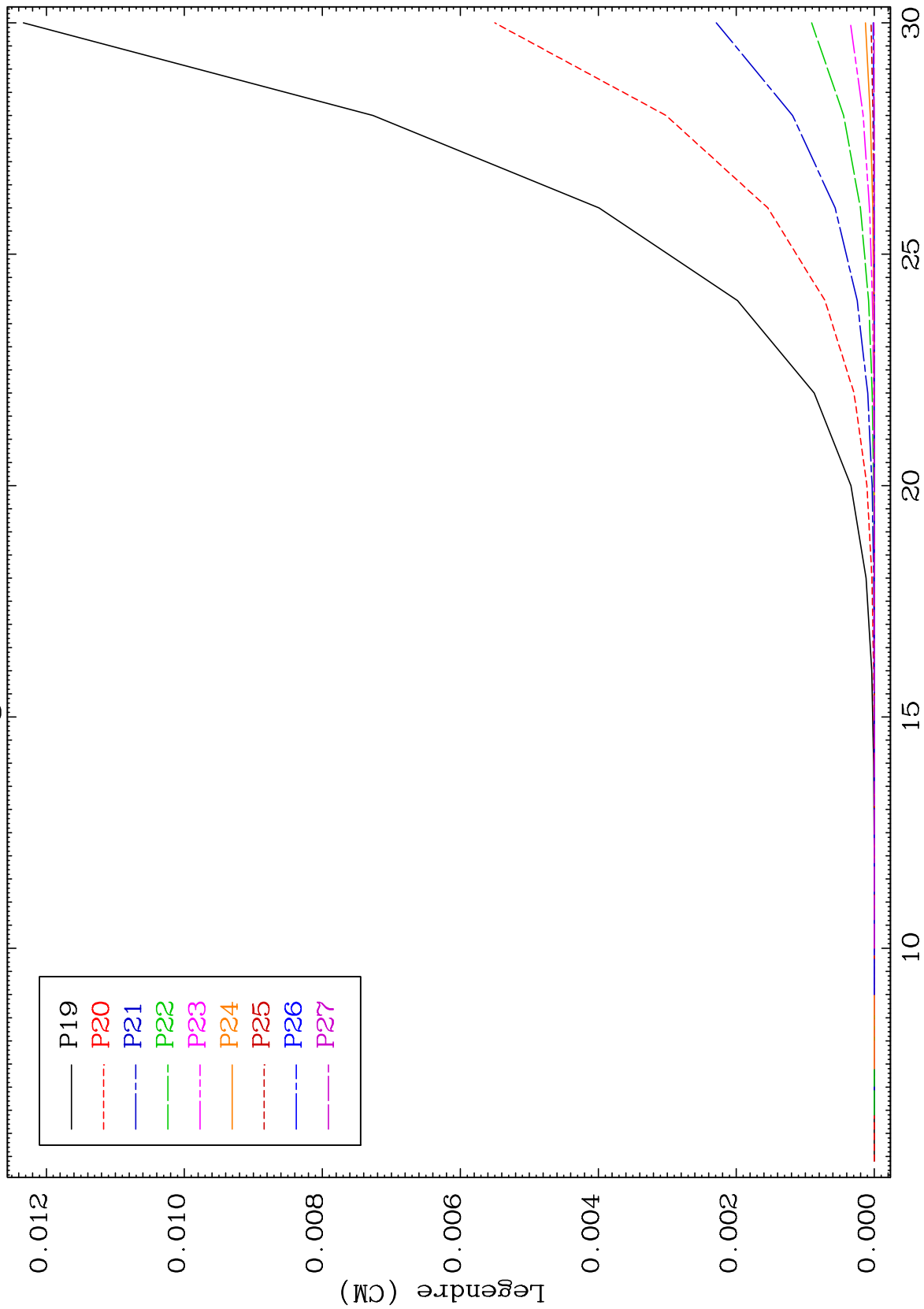
Incident Energy (MeV)

63-Eu-142

MAT 6298

Elastic Legendre Coefficients

63-Eu-142



19

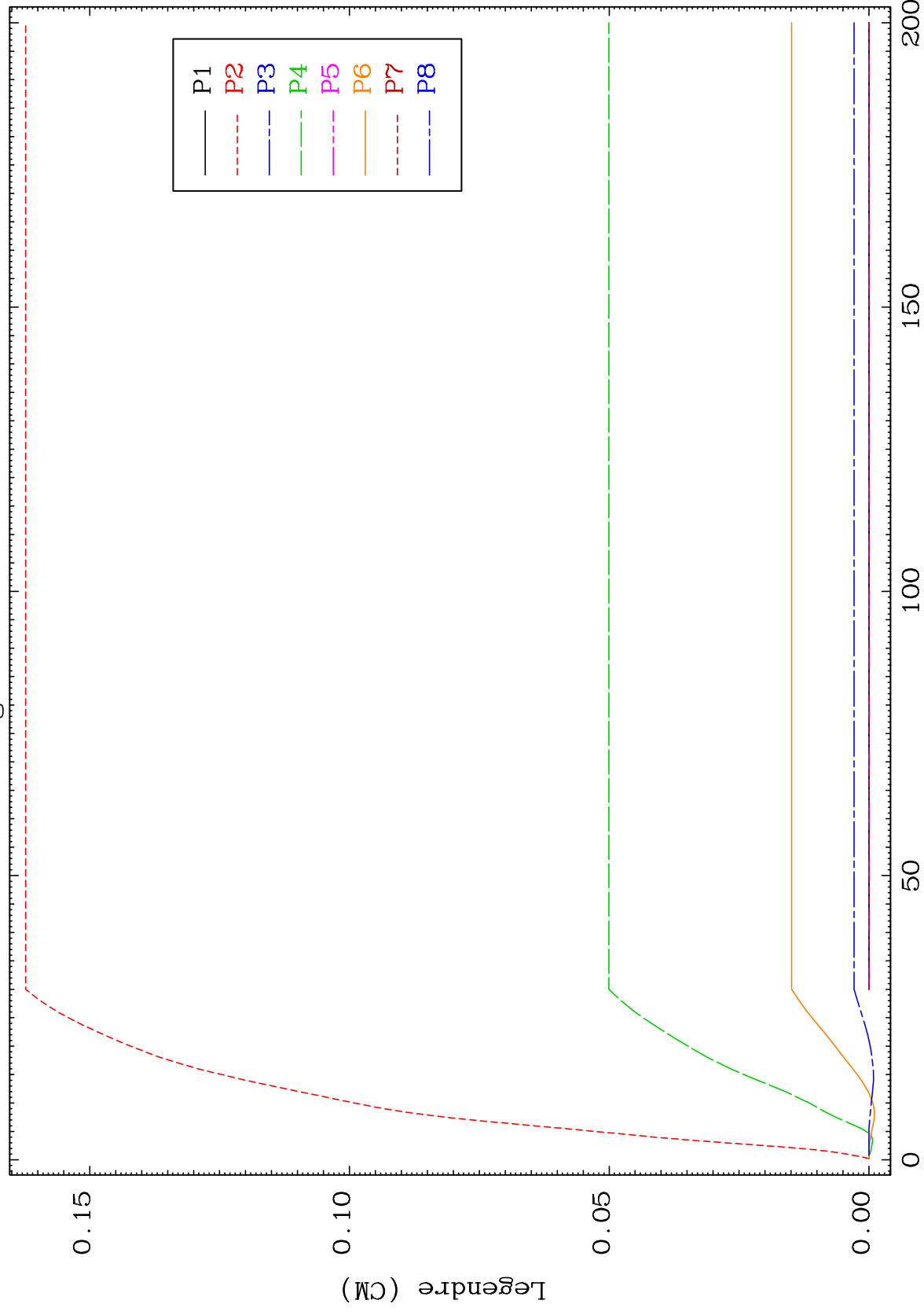
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



63-Eu-142

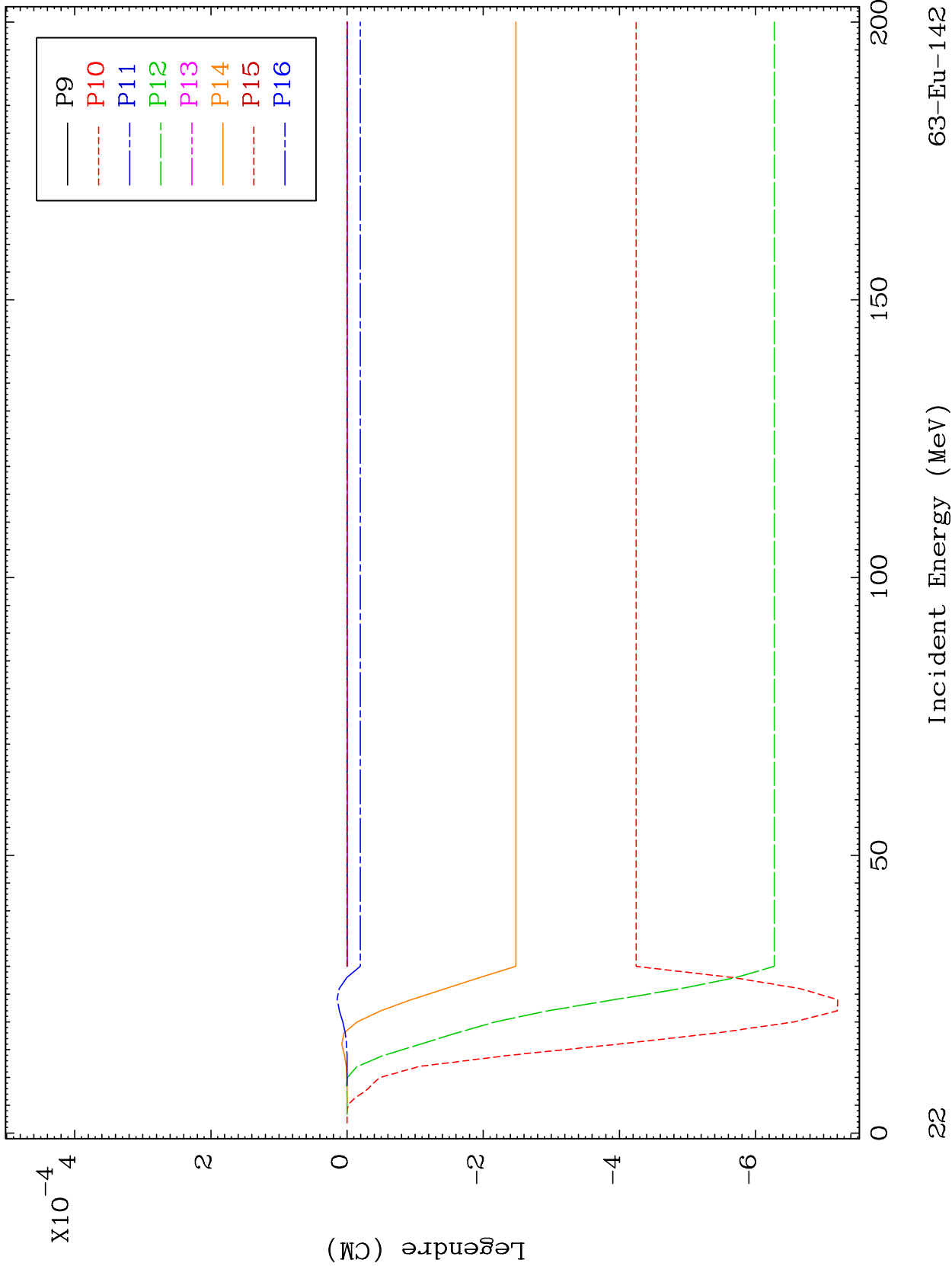
Incident Energy (MeV)

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MAT 6298

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

63-Eu-142



22

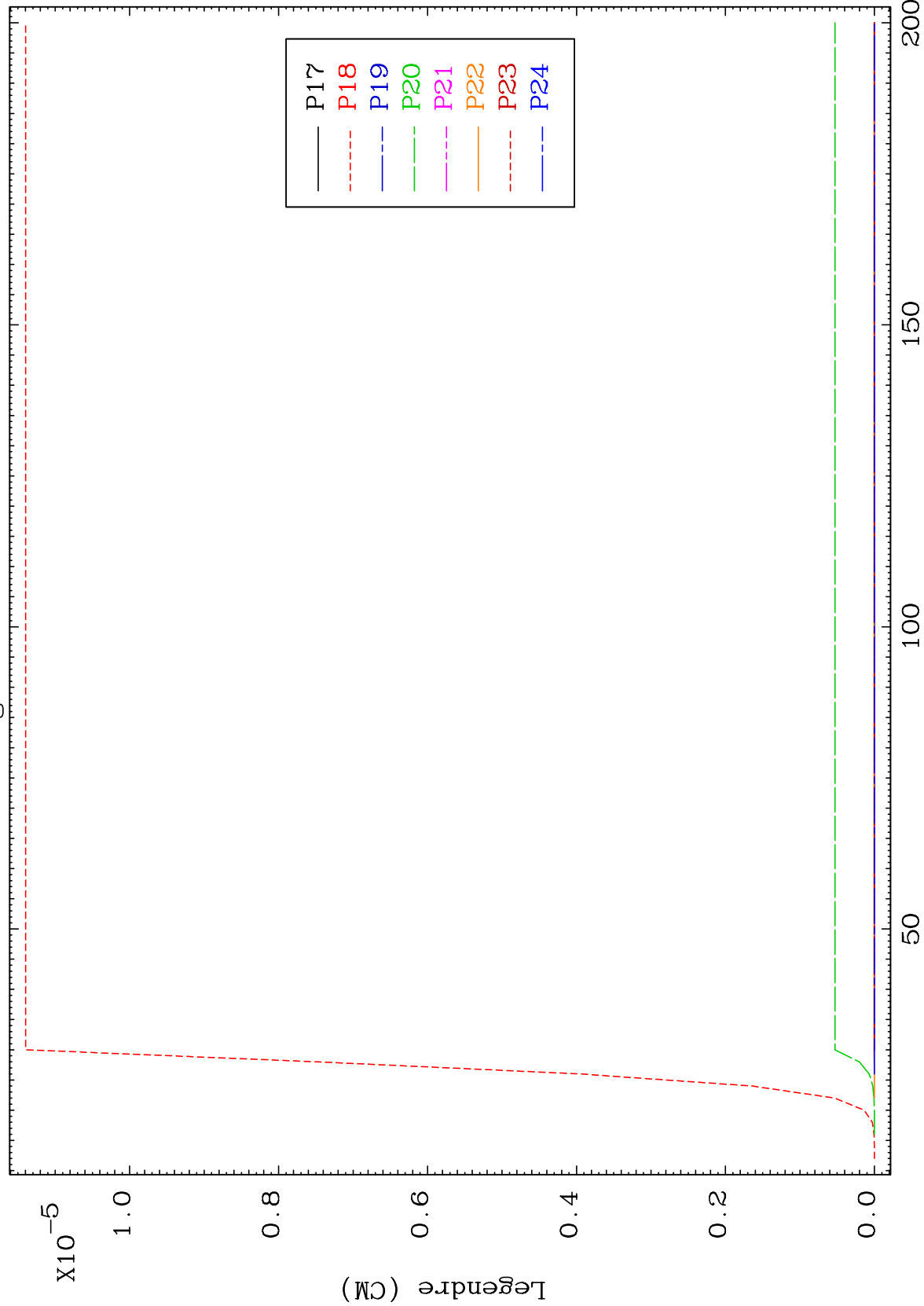
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



63-Eu-142

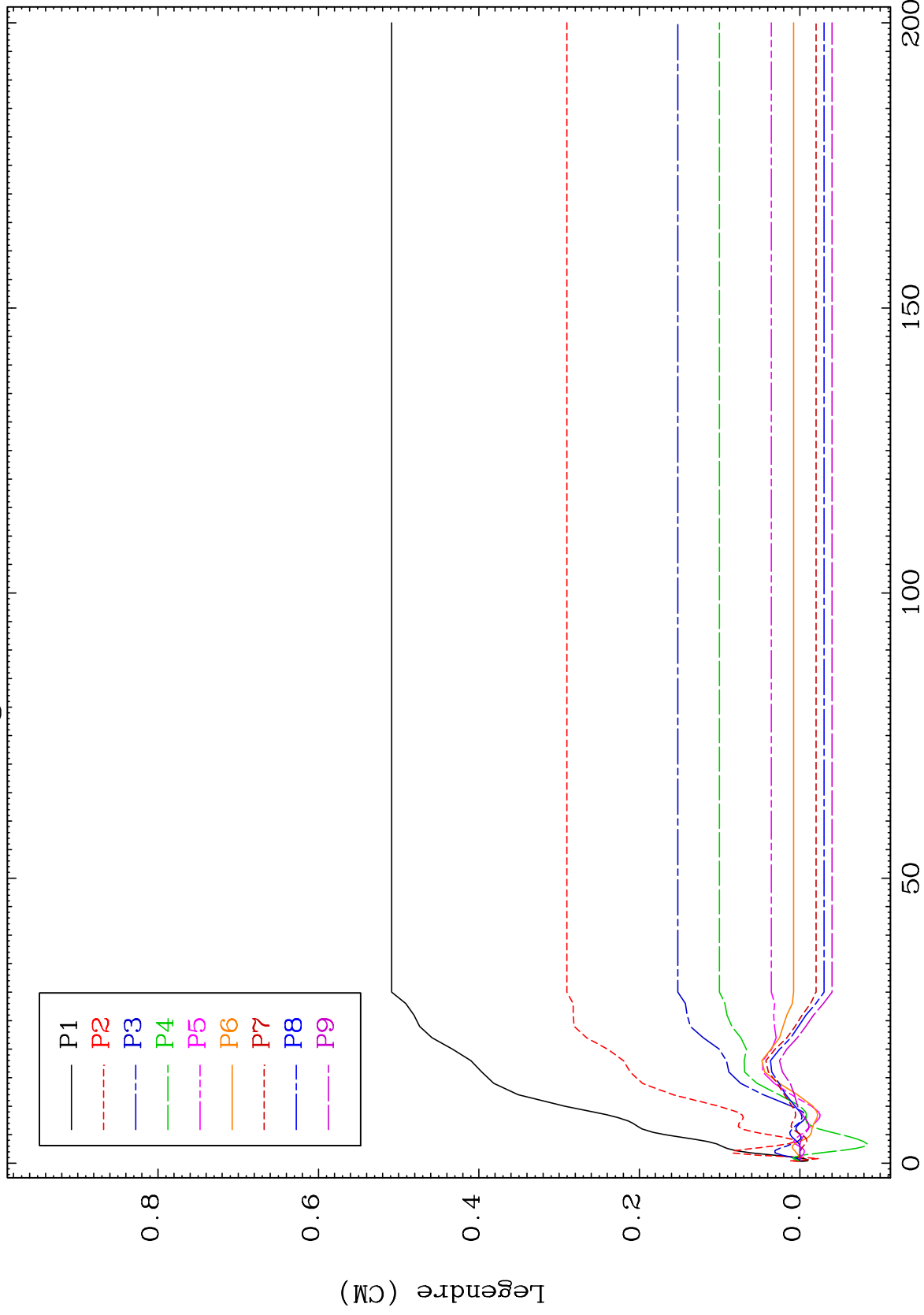
Incident Energy (MeV)

23

MAT 6298

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

63-Eu-142



24

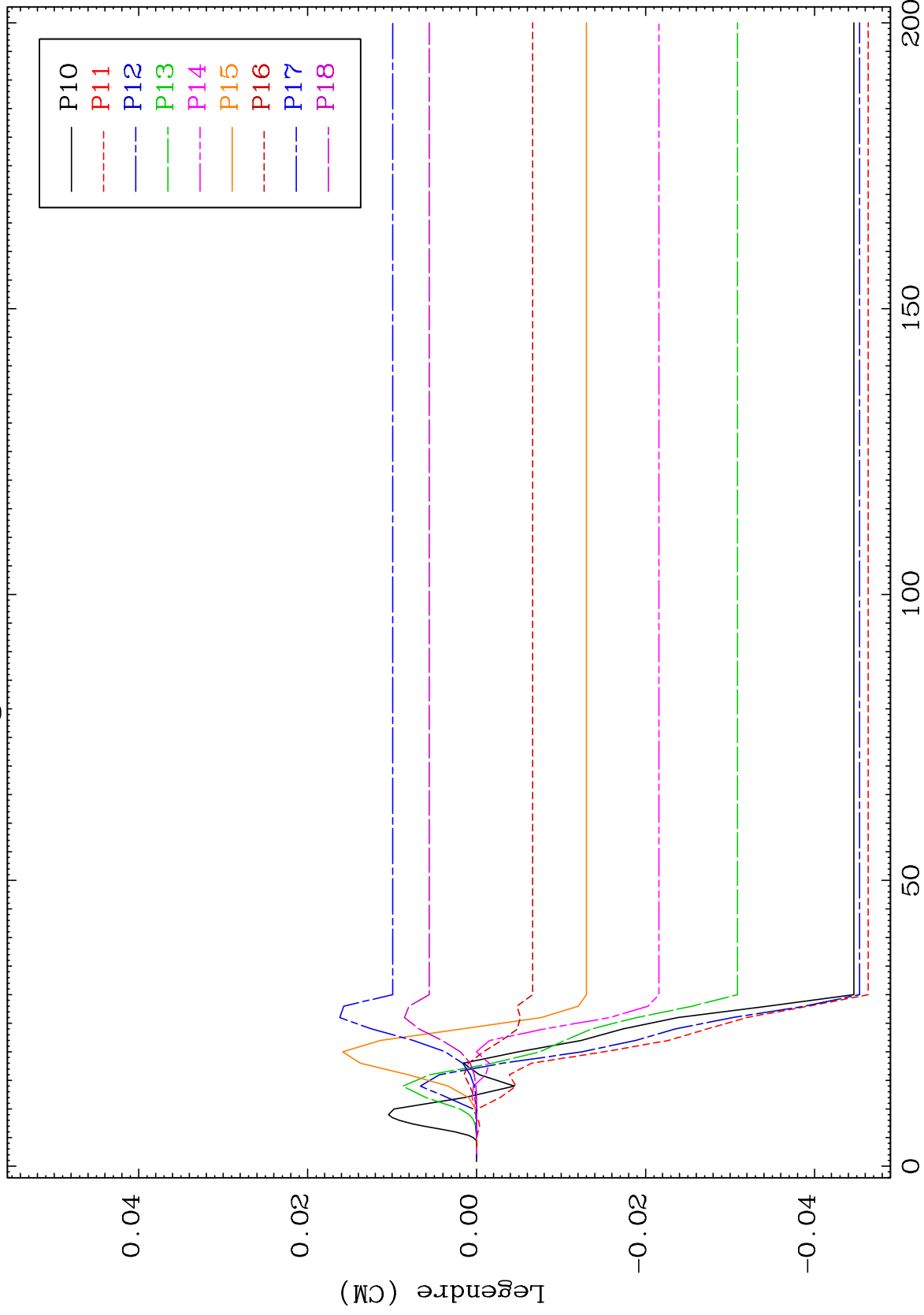
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

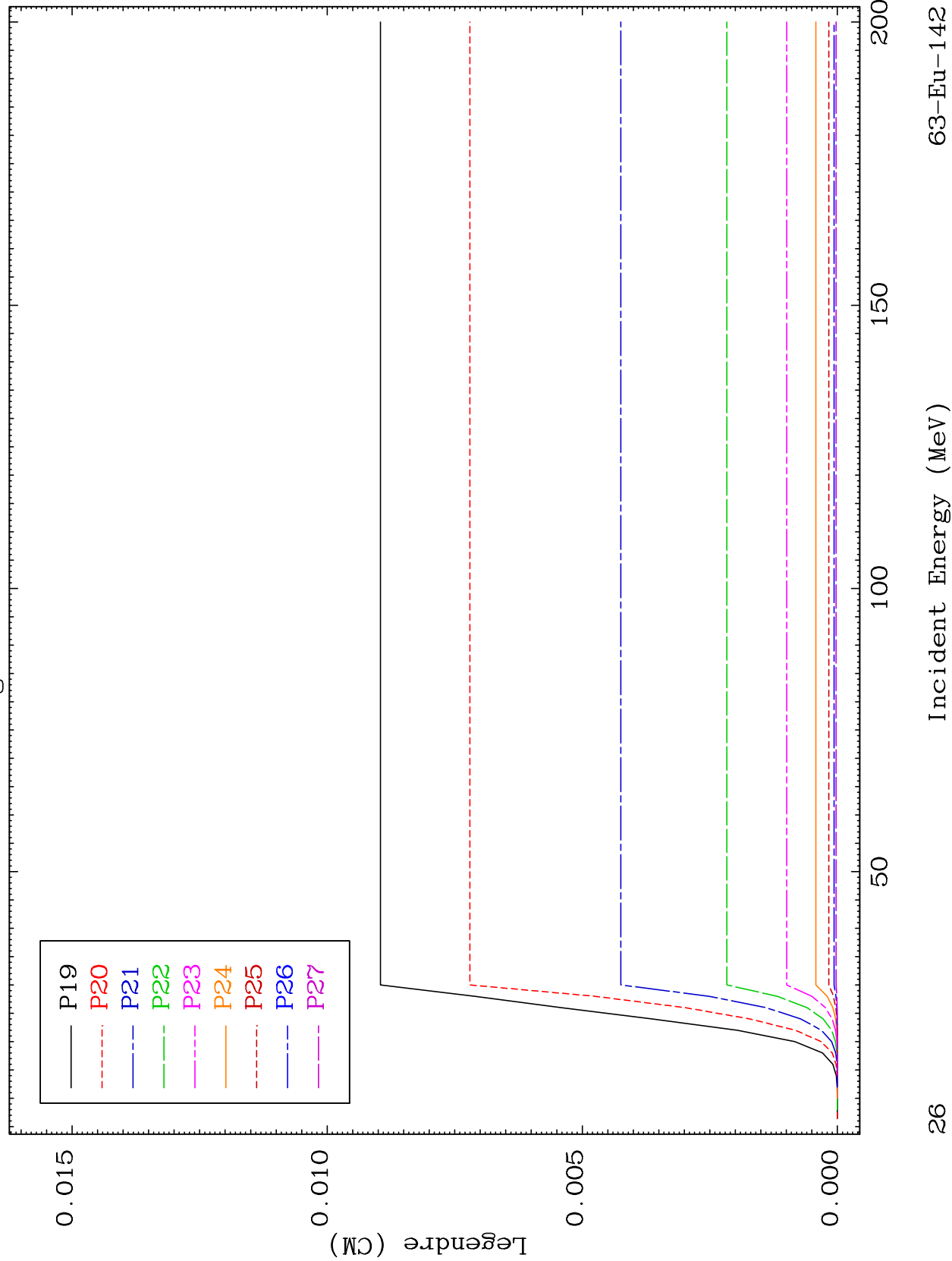
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25

Incident Energy (MeV)

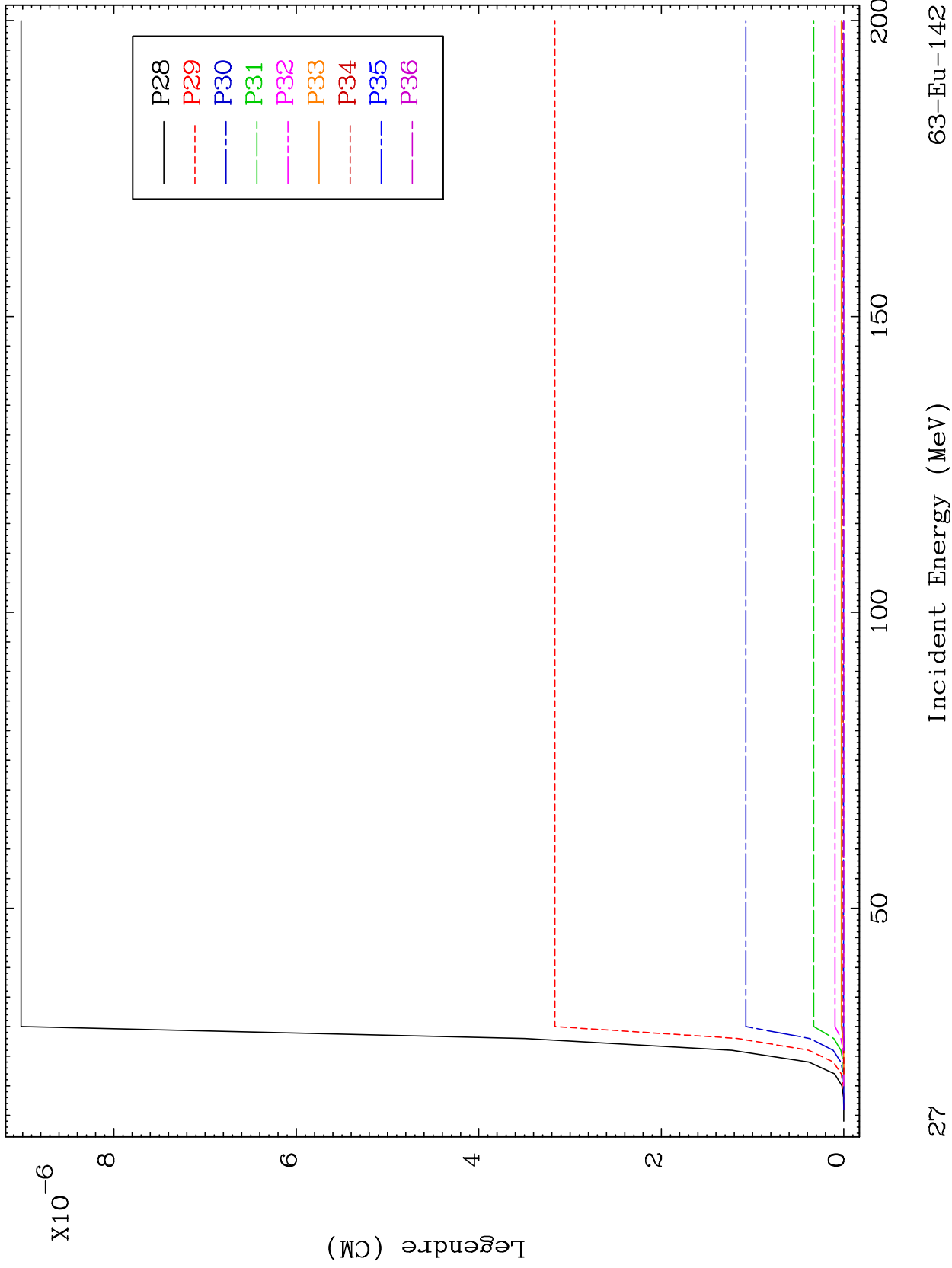
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MAT 6298

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

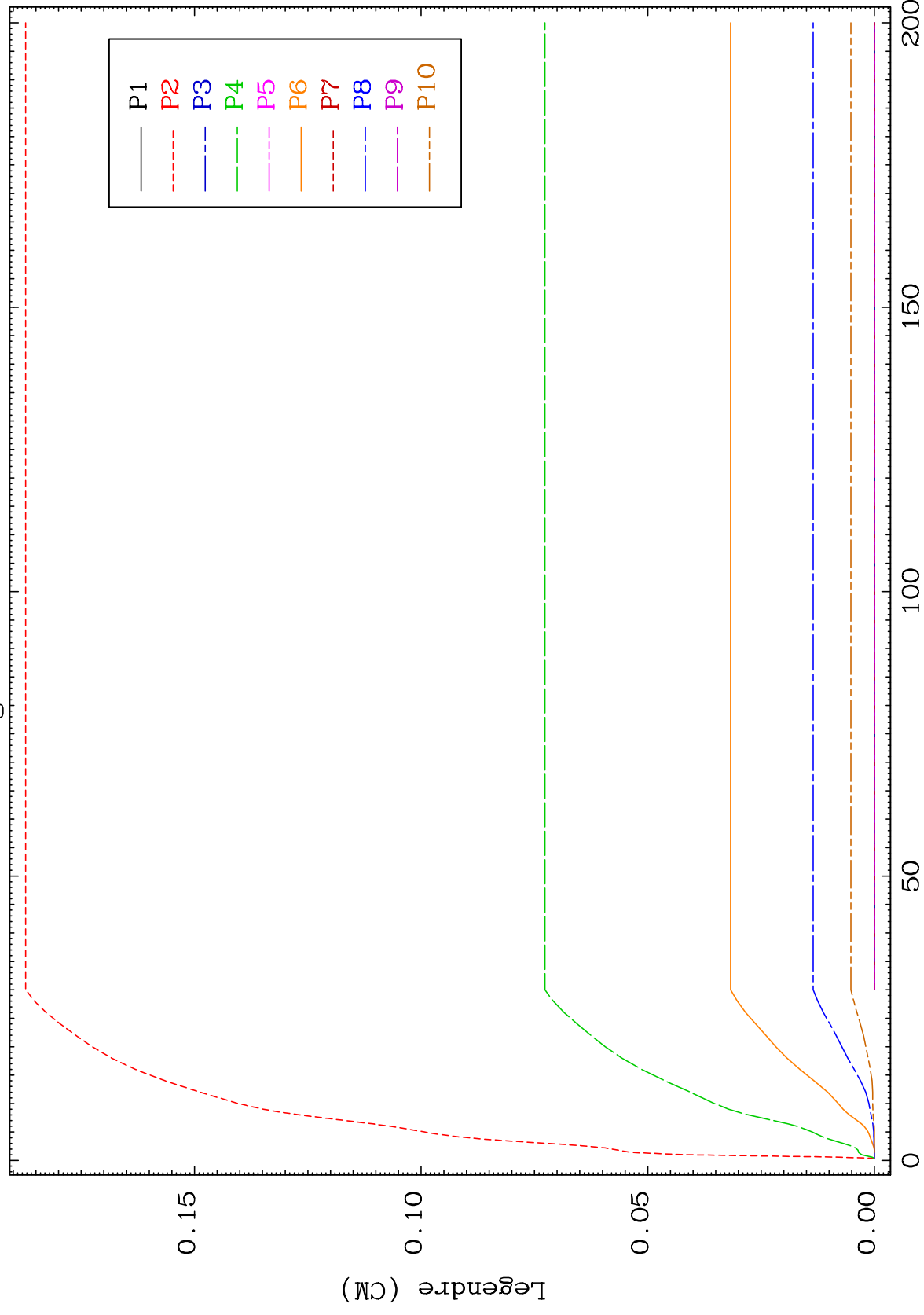
63-Eu-142



MAT 6298

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

63-Eu-142



63-Eu-142

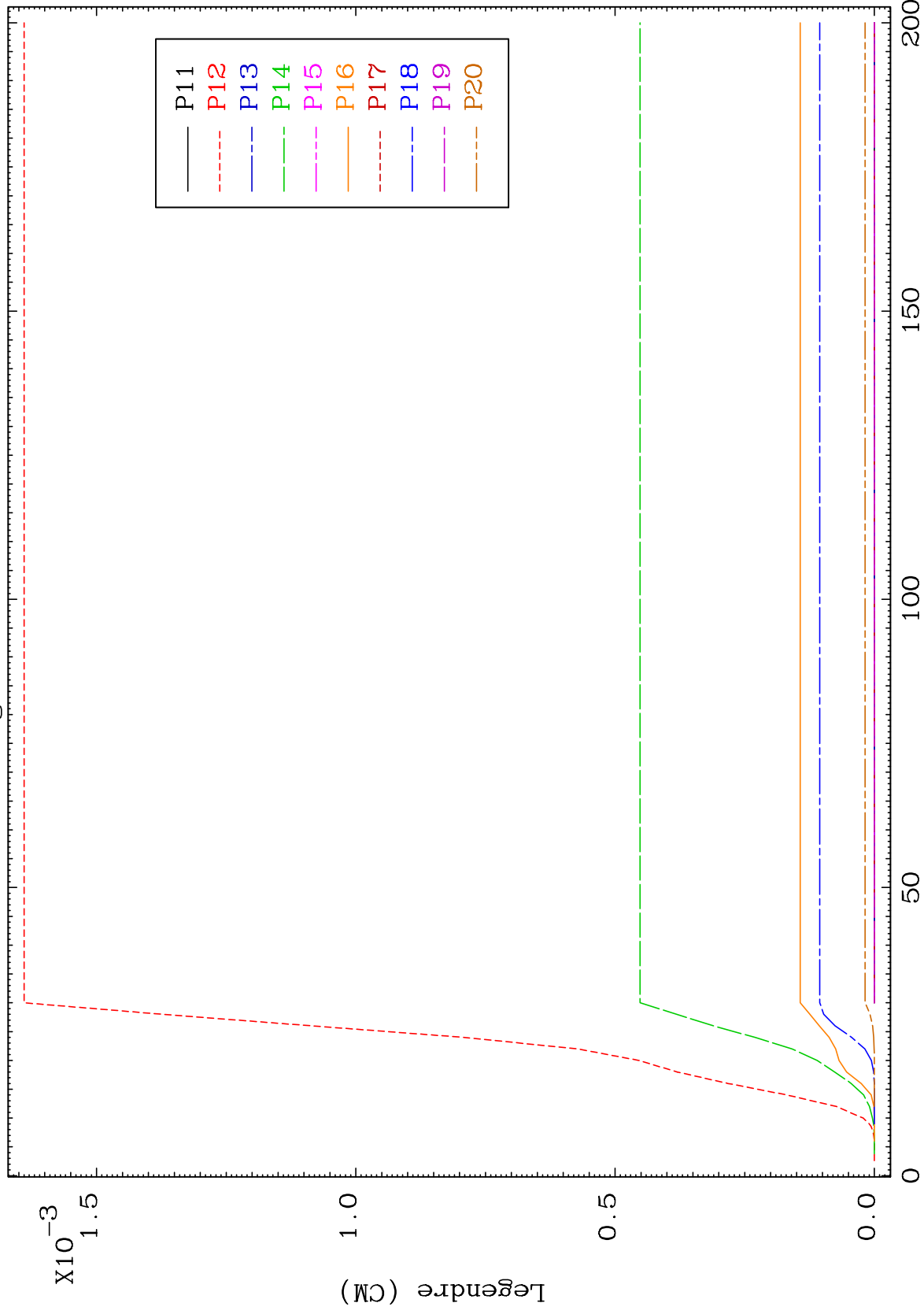
Incident Energy (MeV)

28

MAT 6298

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

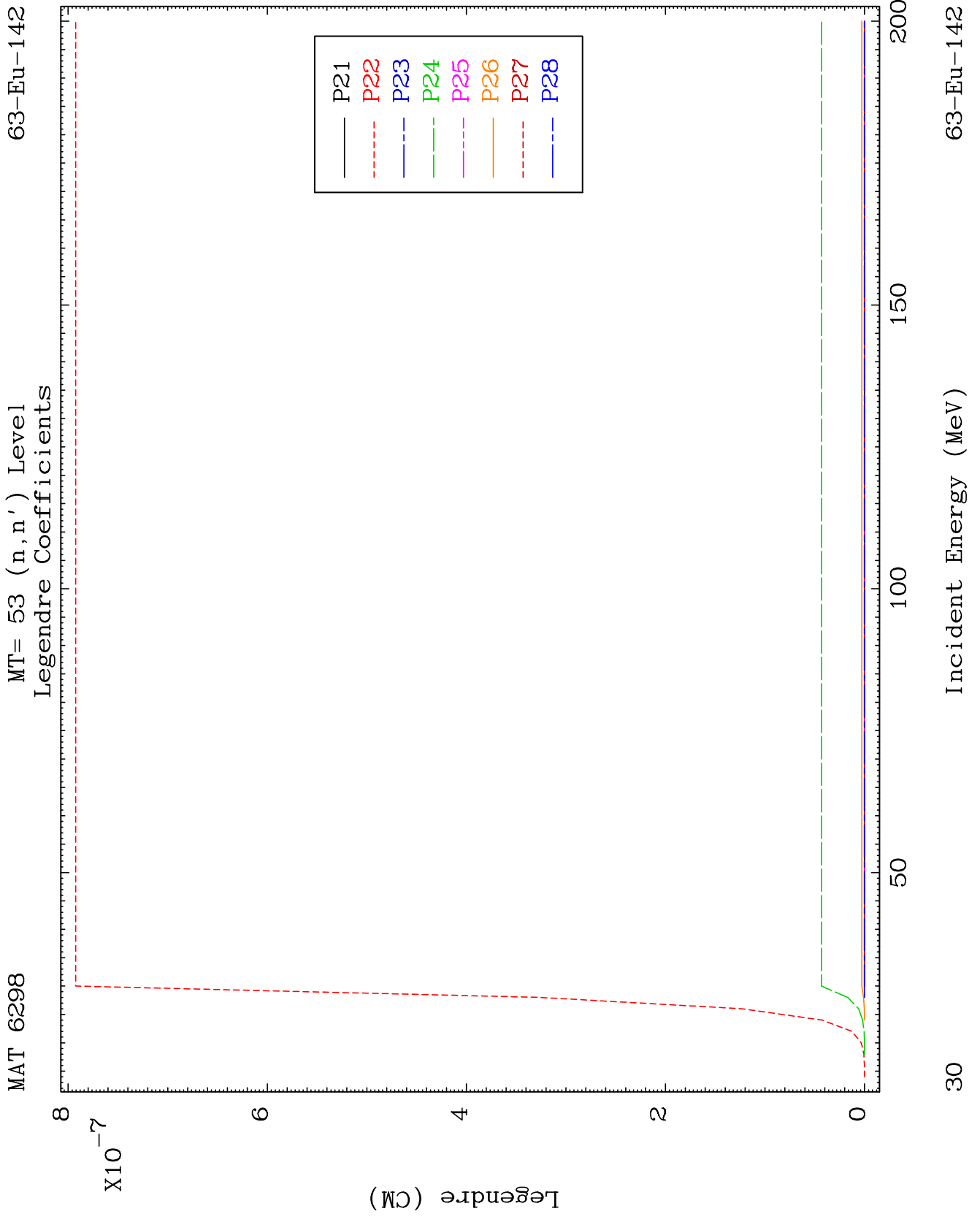
63-Eu-142



29

Incident Energy (MeV)

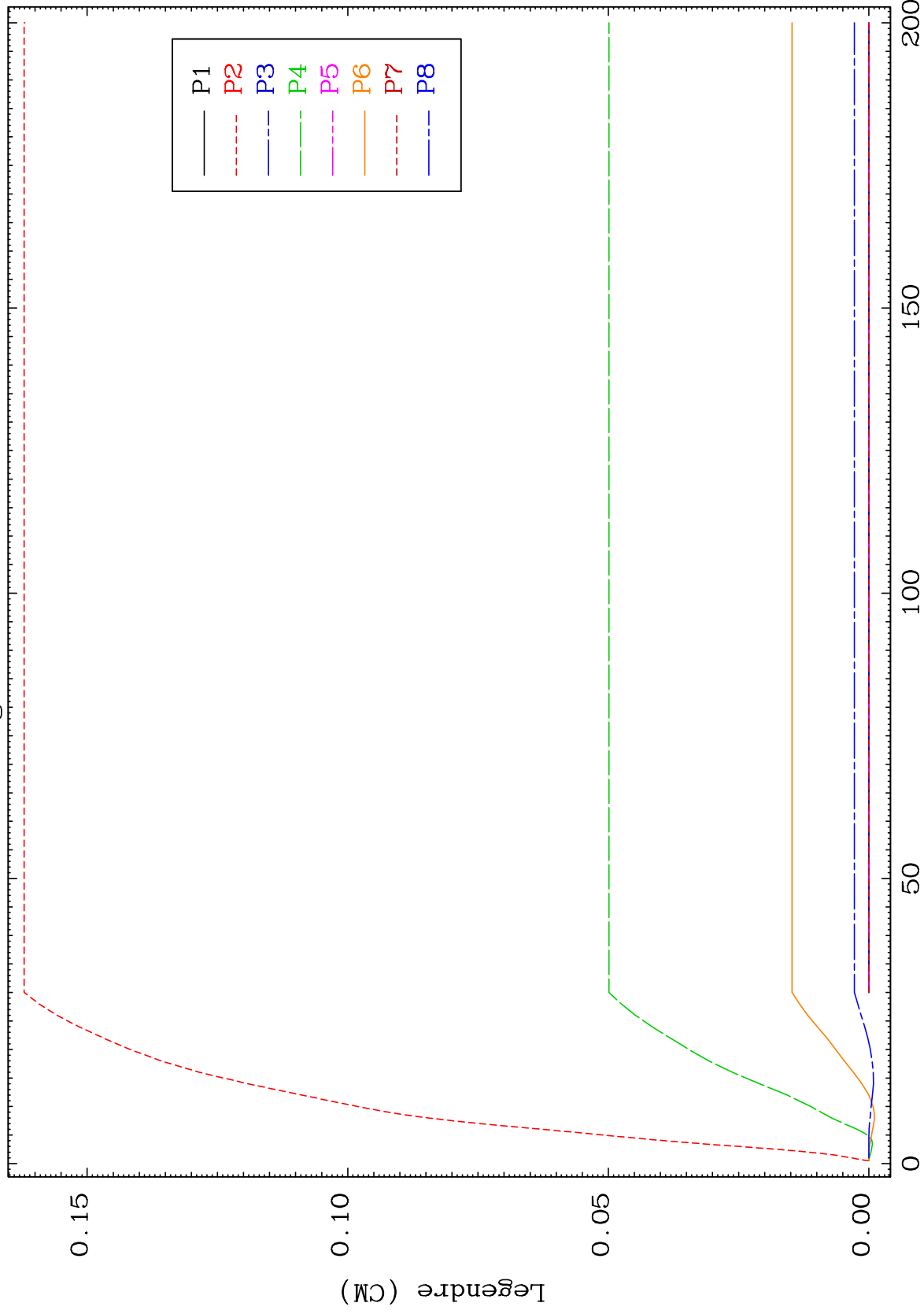
63-Eu-142



MAT 6298

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

63-Eu-142



31

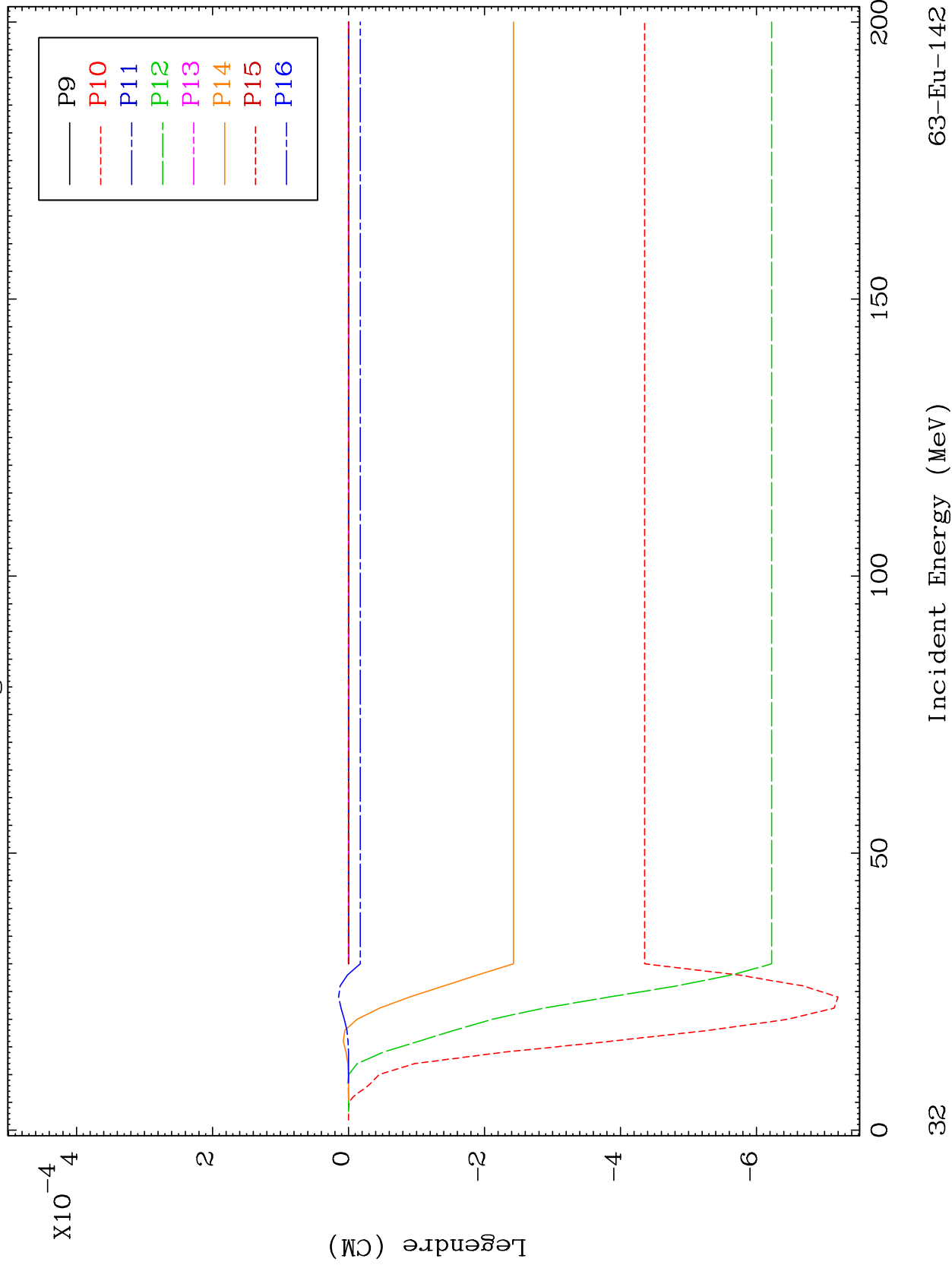
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

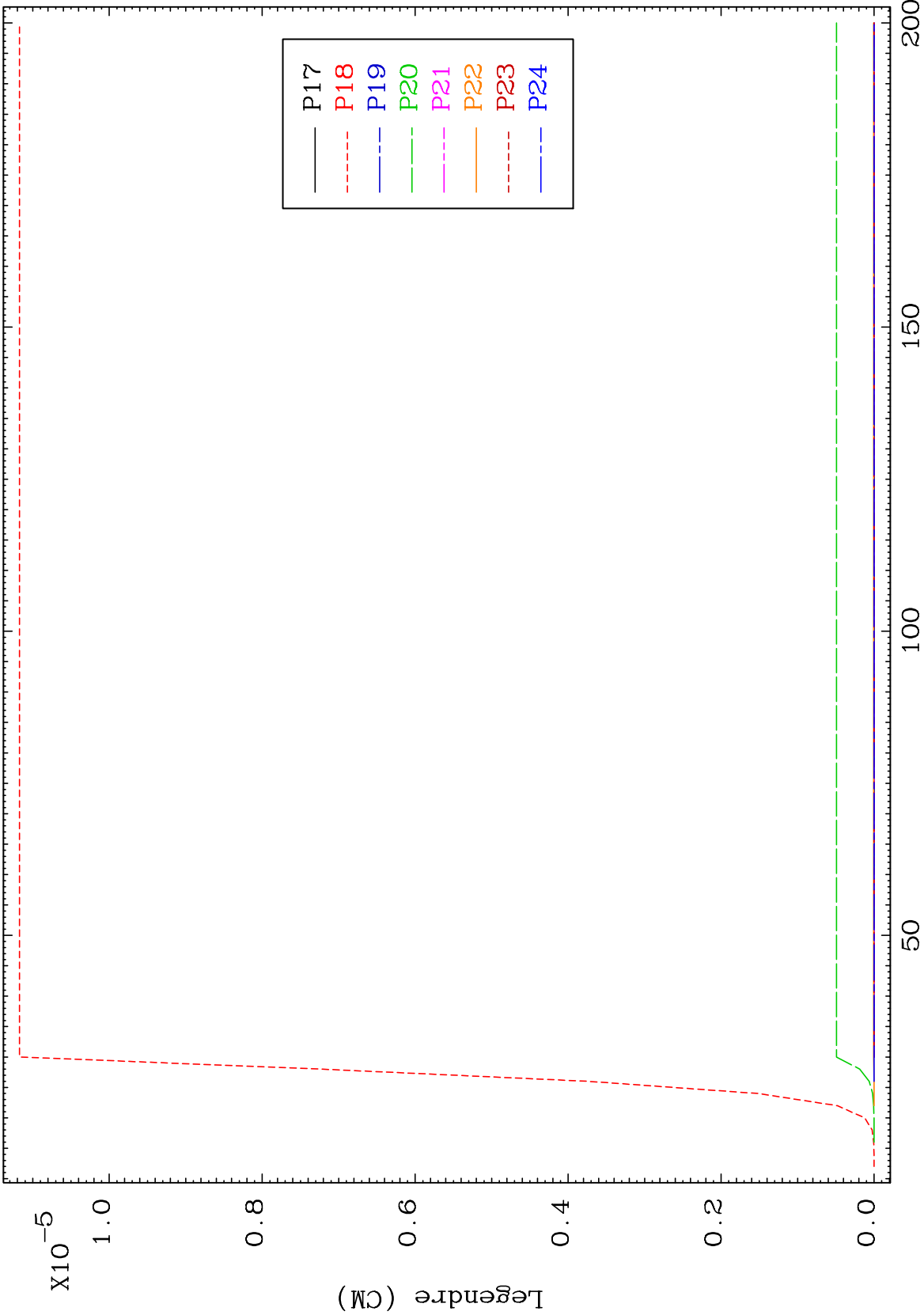
63-Eu-142



MAT 6298

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

63-Eu-142



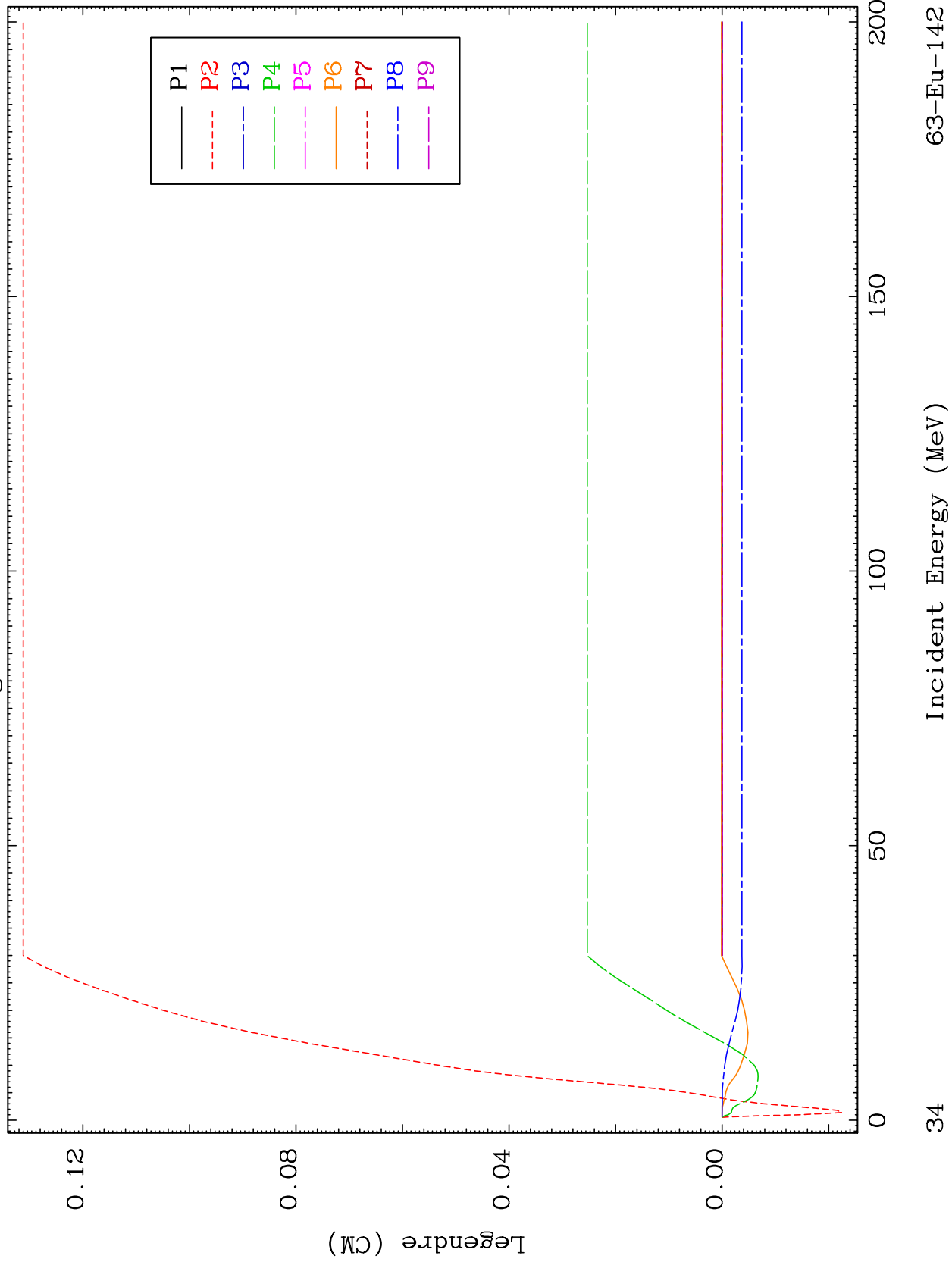
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63-Eu-142

MAT 6298

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

63-Eu-142



63-Eu-142

Incident Energy (MeV)

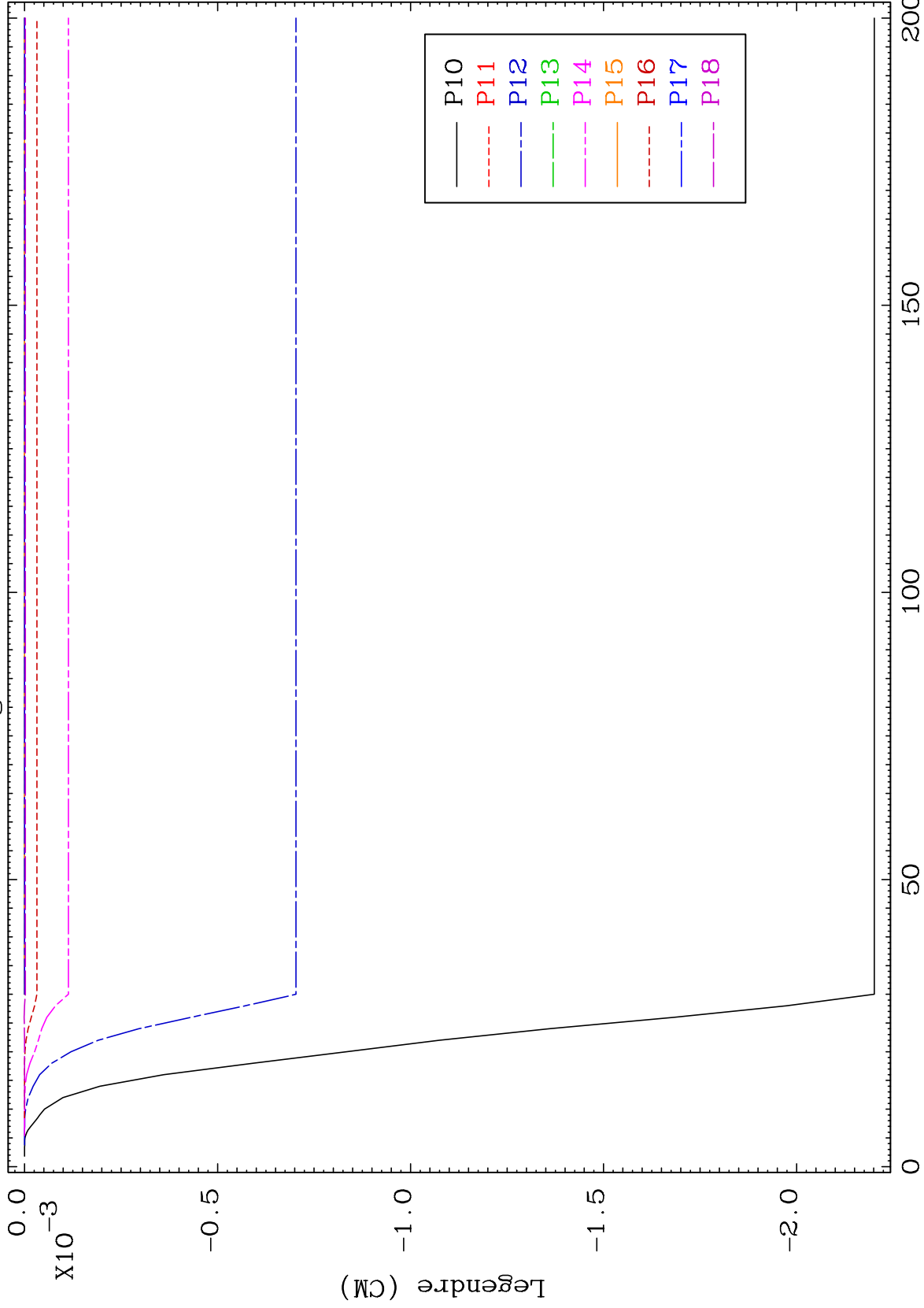
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MAT 6298

MT= 55 (n,n') Level

63-Eu-142

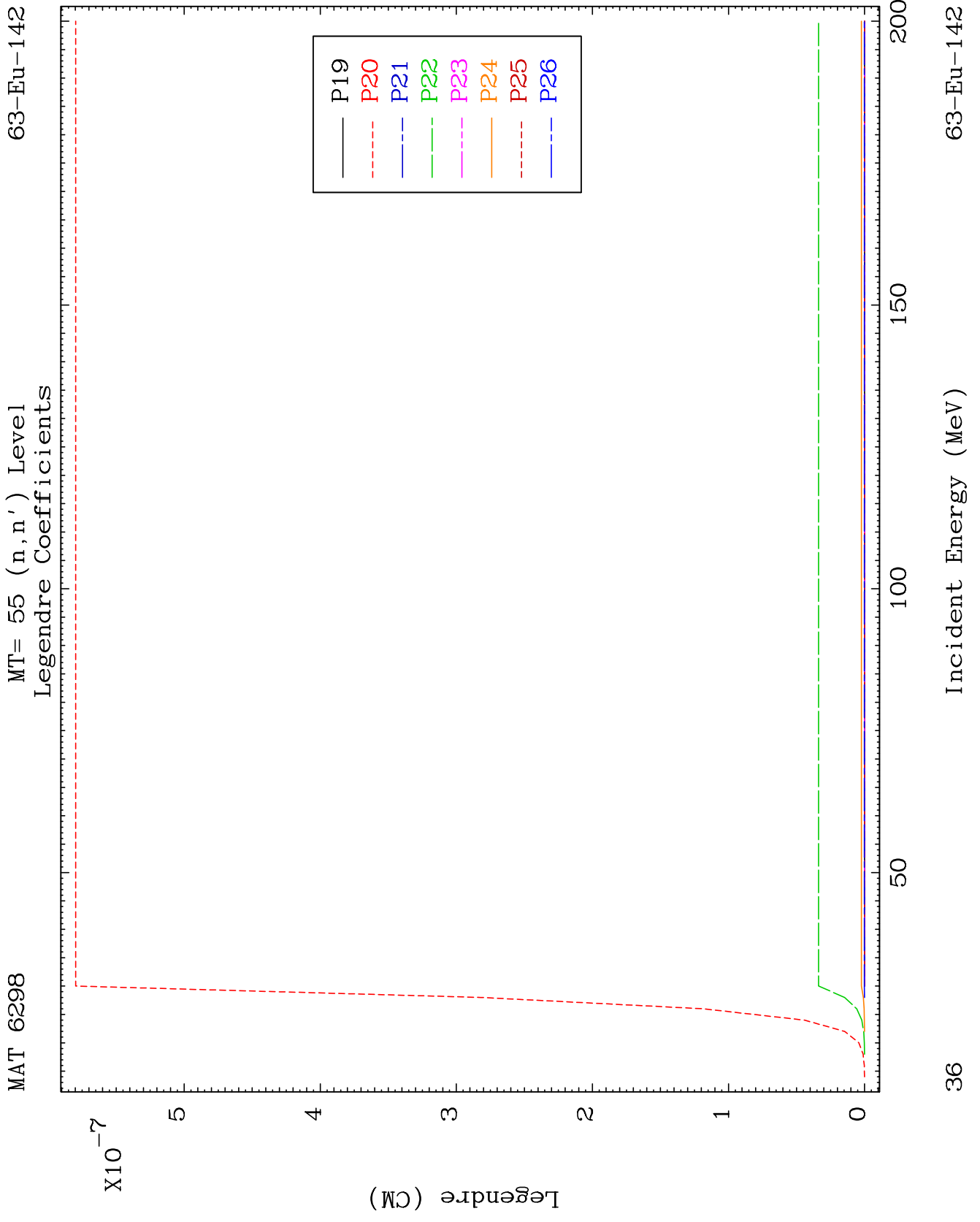
Legendre Coefficients



35

Incident Energy (MeV)

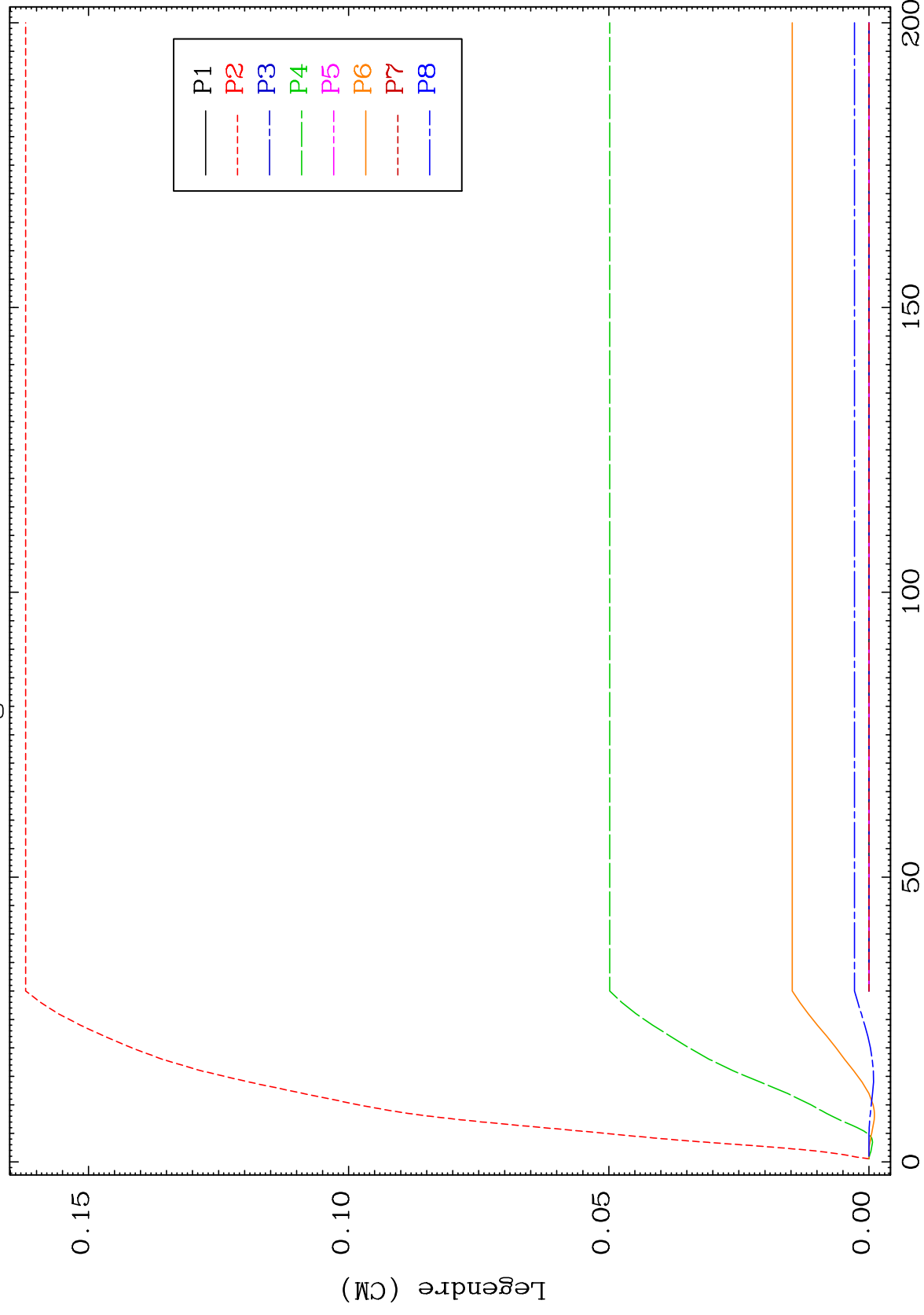
63-Eu-142



MAT 6298

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

63-Eu-142



37

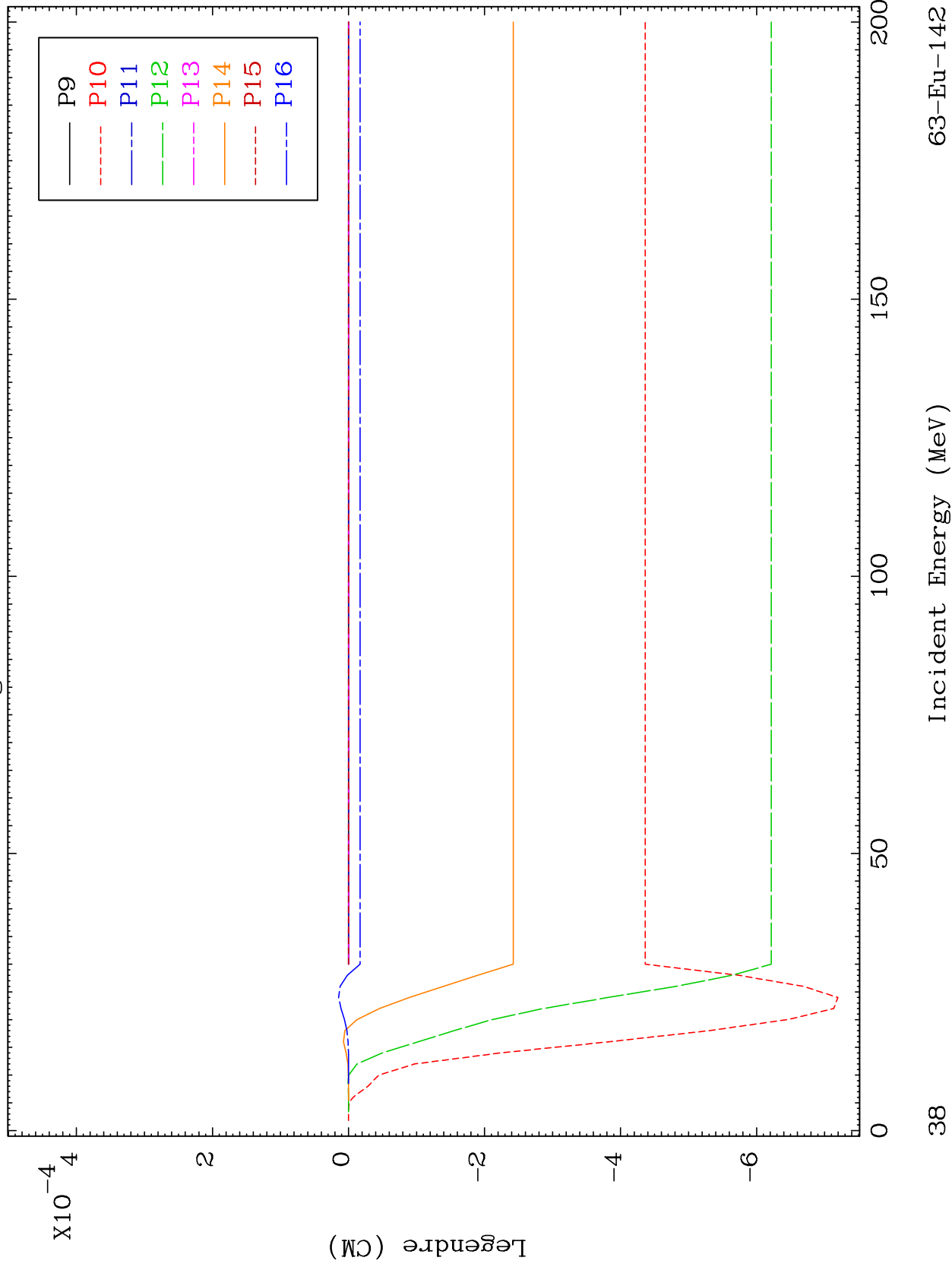
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

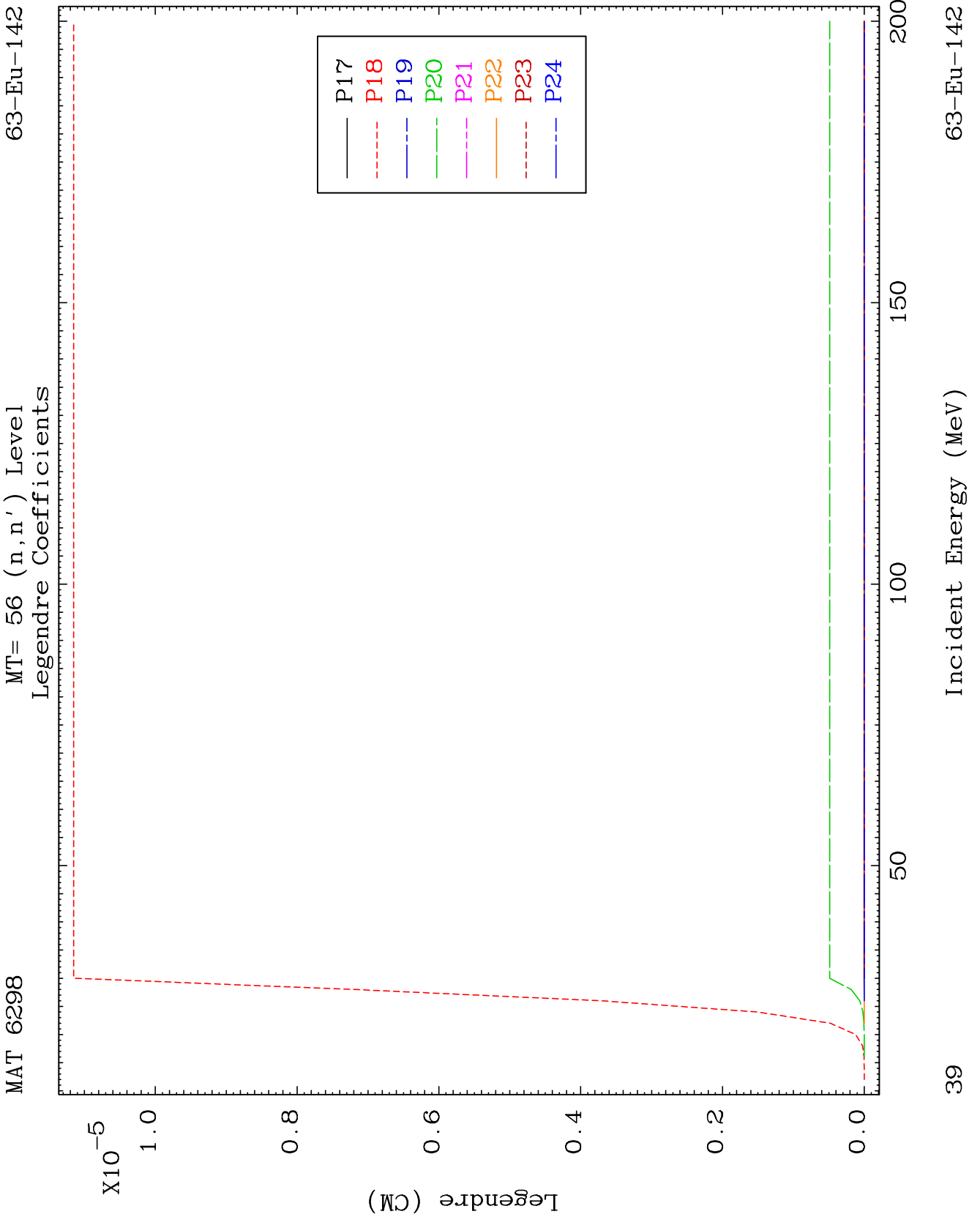
63-Eu-142



38

Incident Energy (MeV)

63-Eu-142

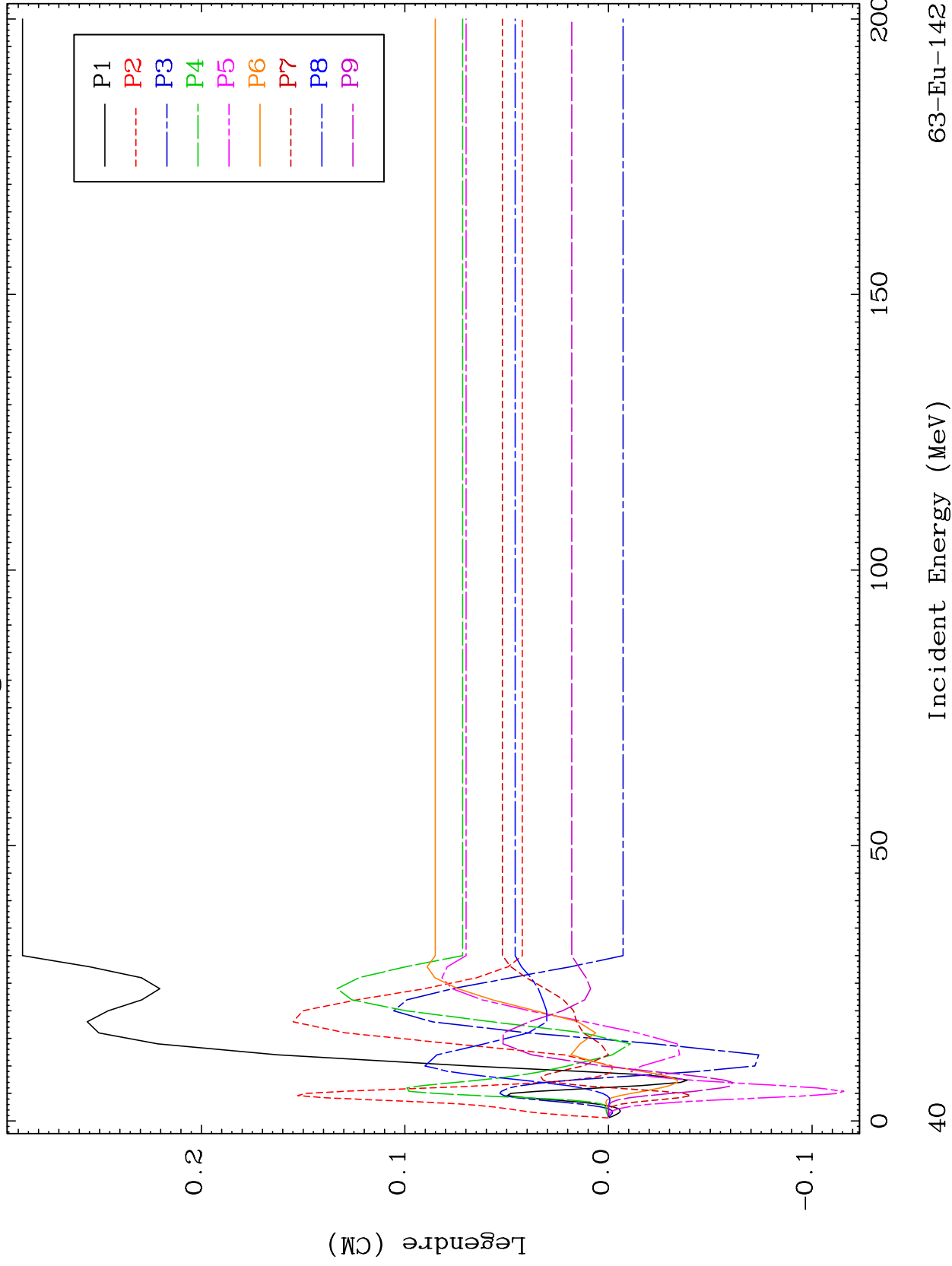


MAT 6298

MT= 57 (n,n') Level

63-Eu-142

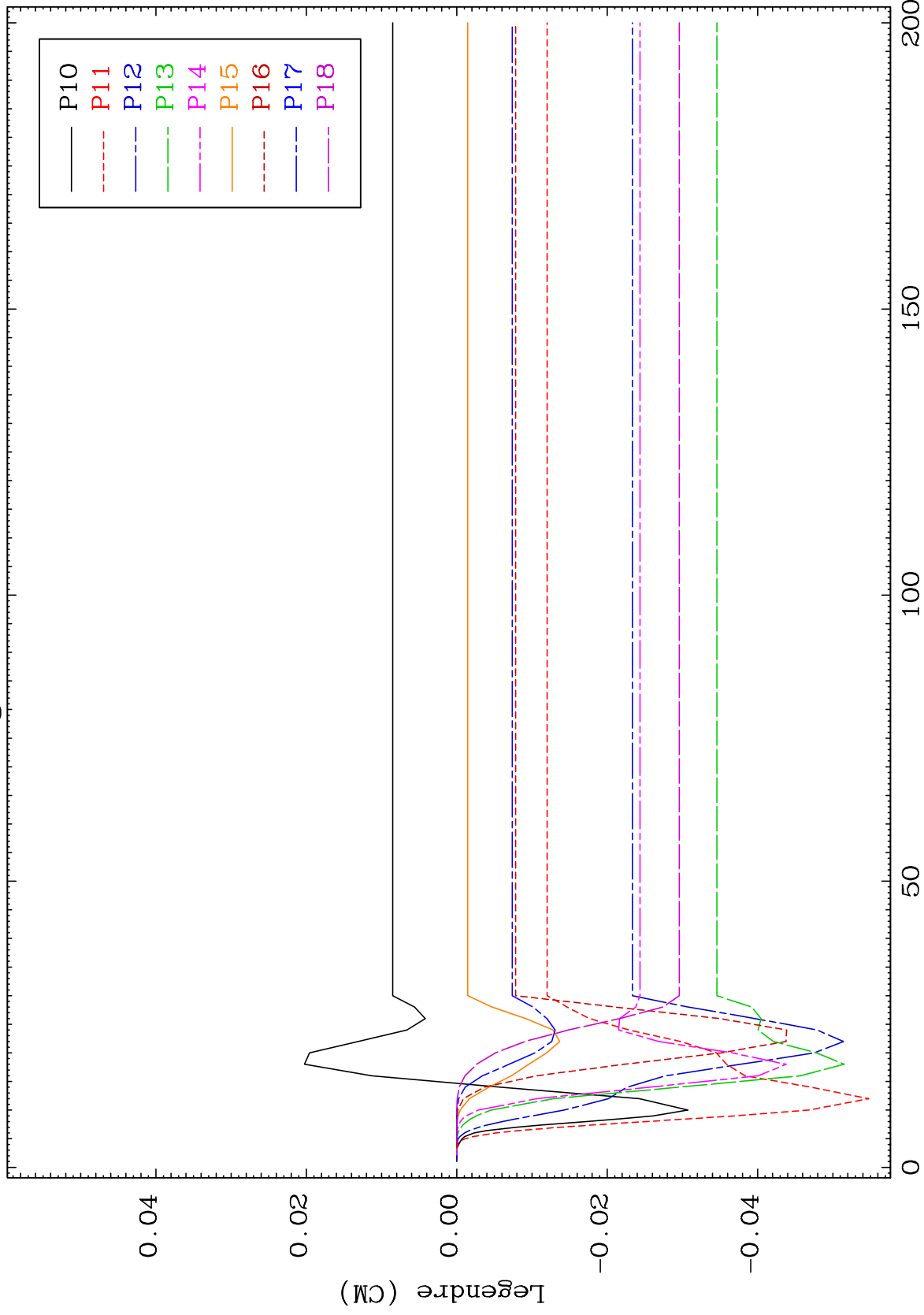
Legendre Coefficients



MAT 6298

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

63-Eu-142



41

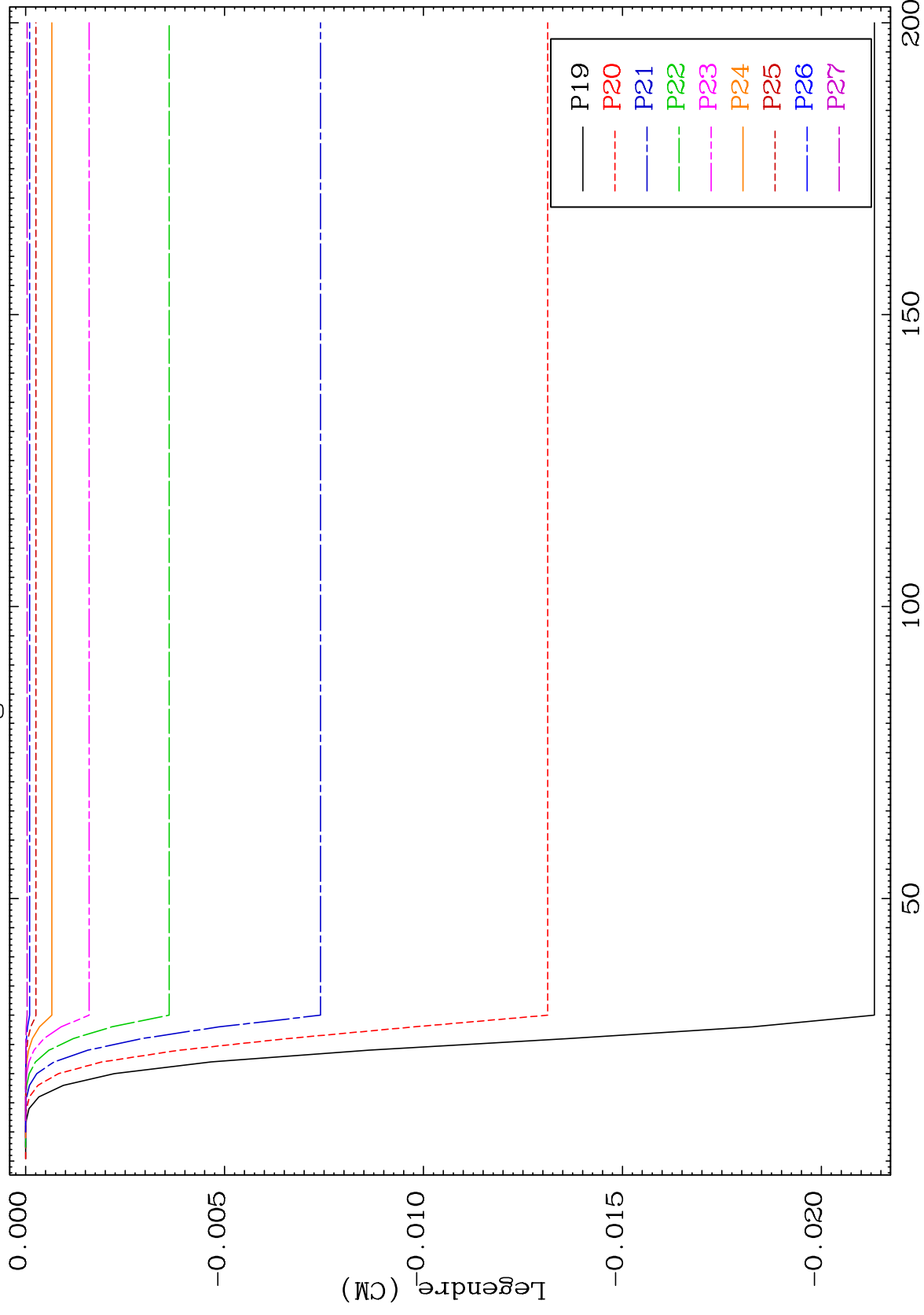
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



42

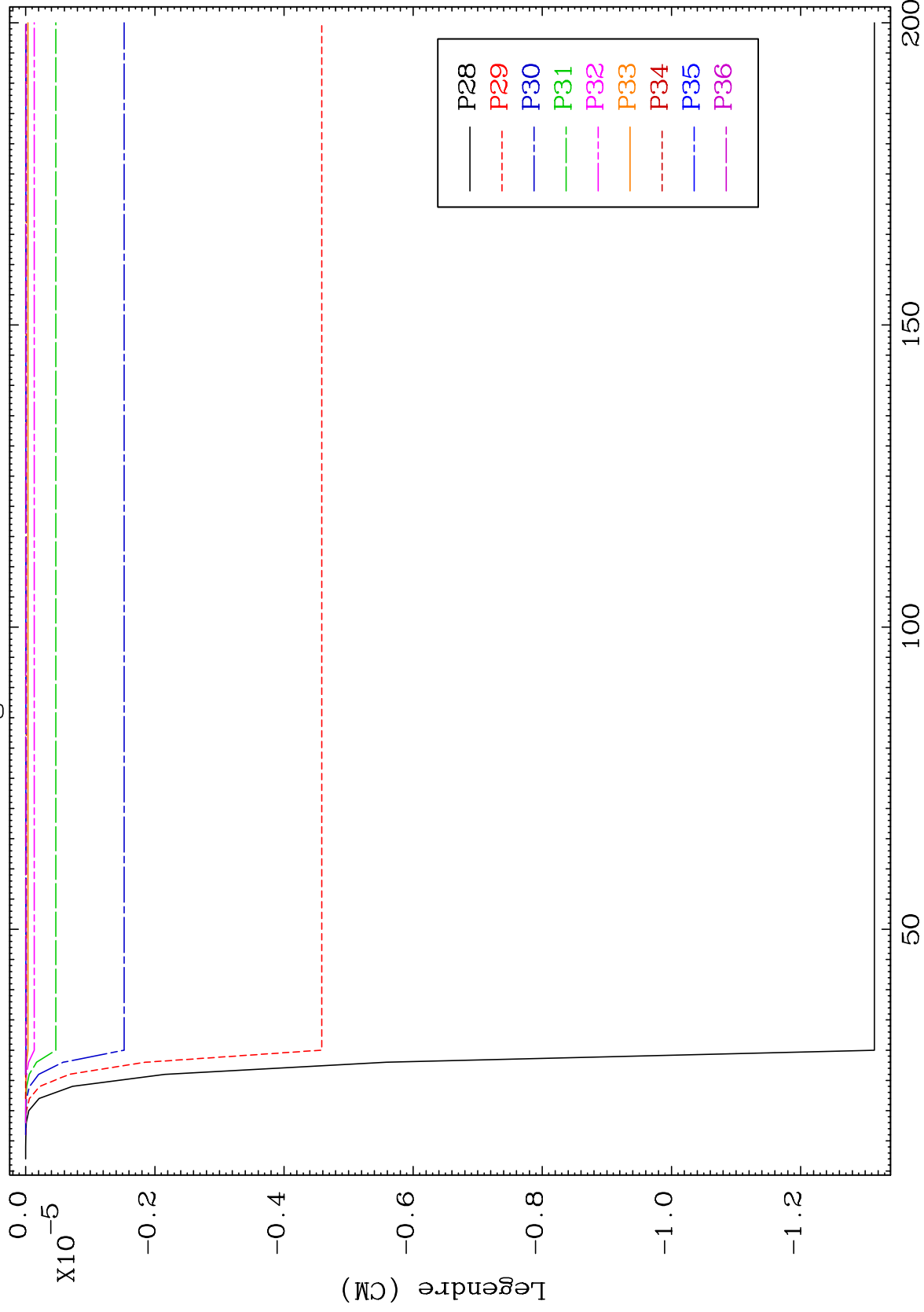
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



43

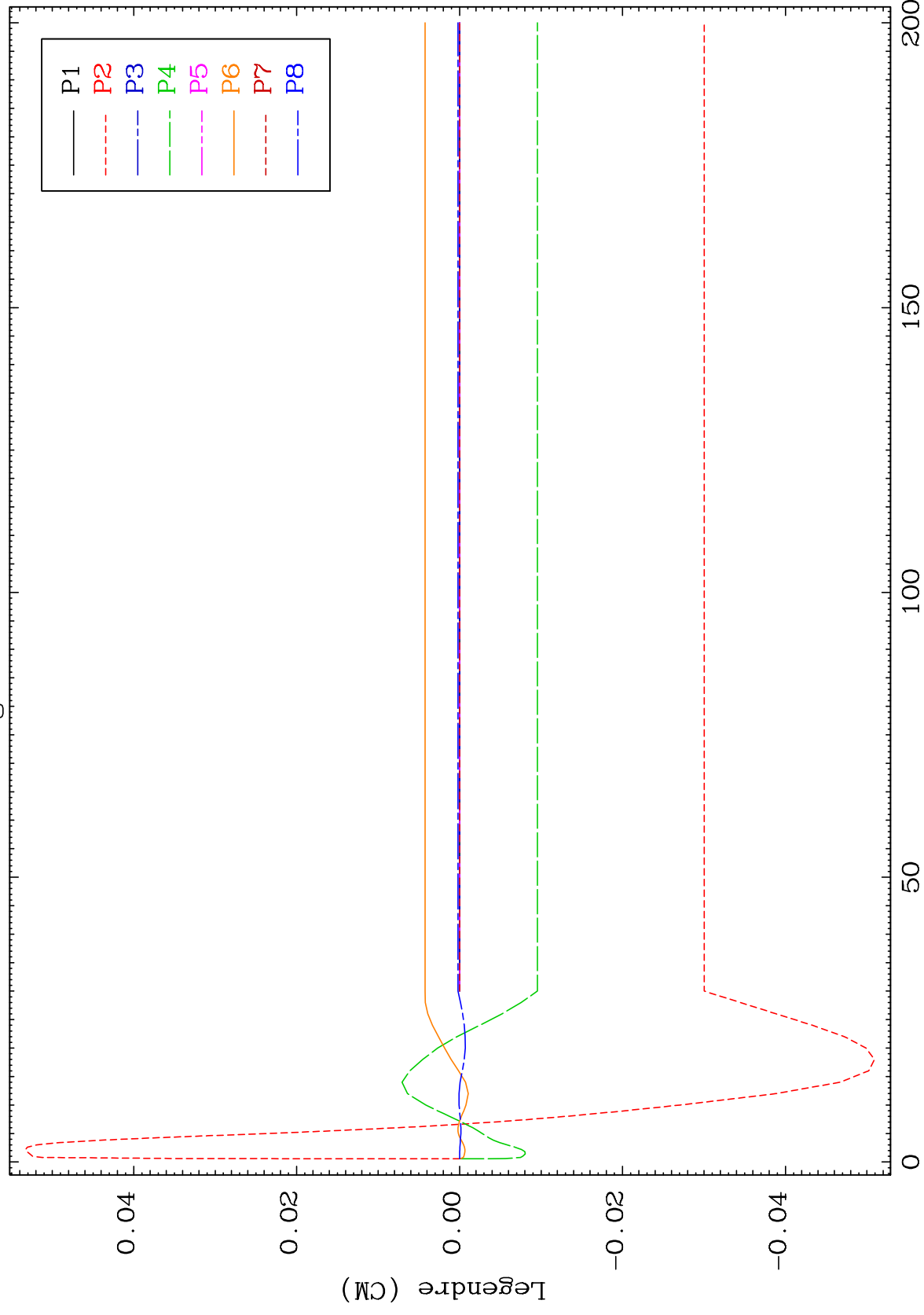
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



63-Eu-142

Incident Energy (MeV)

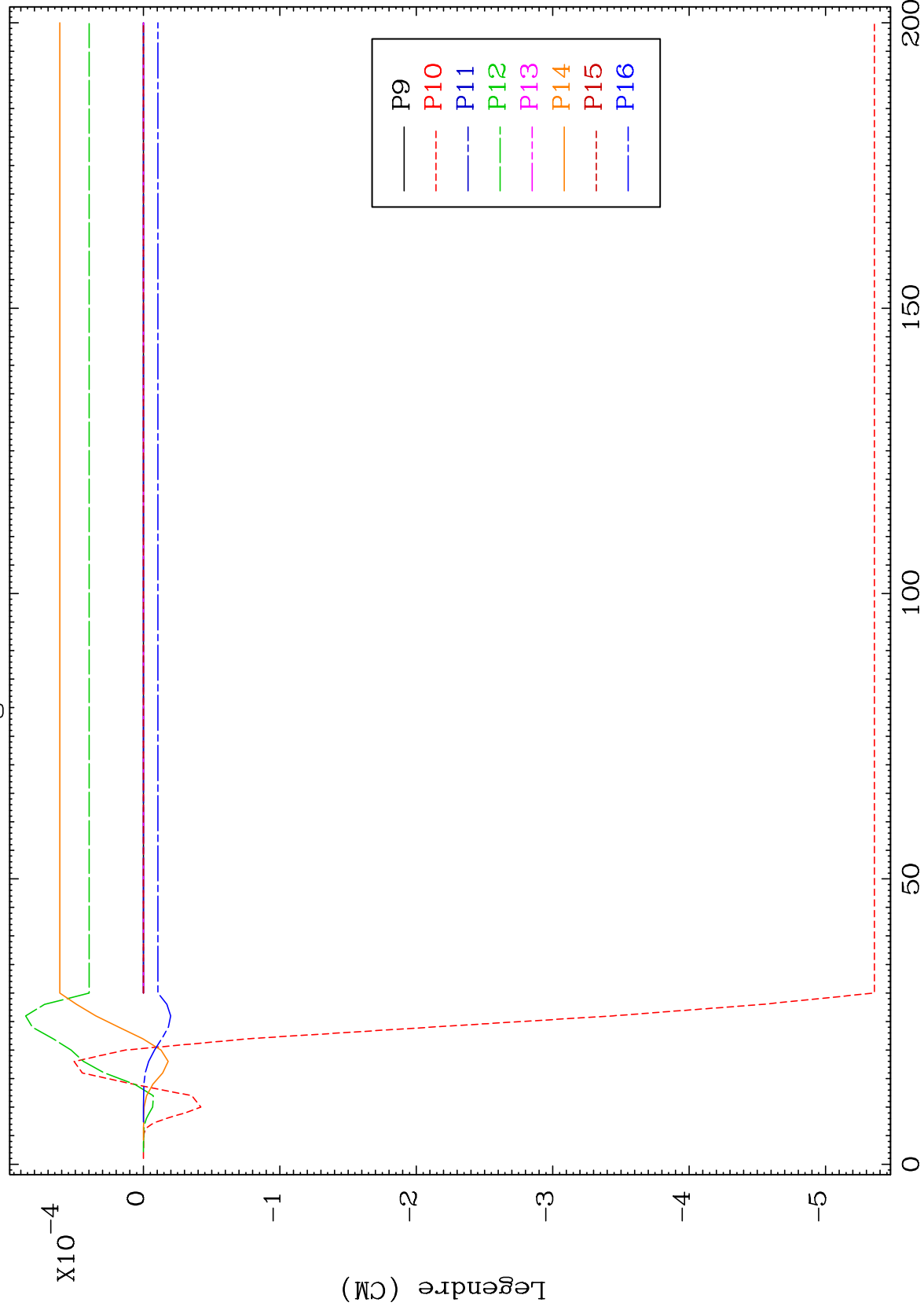
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MAT 6298

MT= 58 (n,n') Level

63-Eu-142

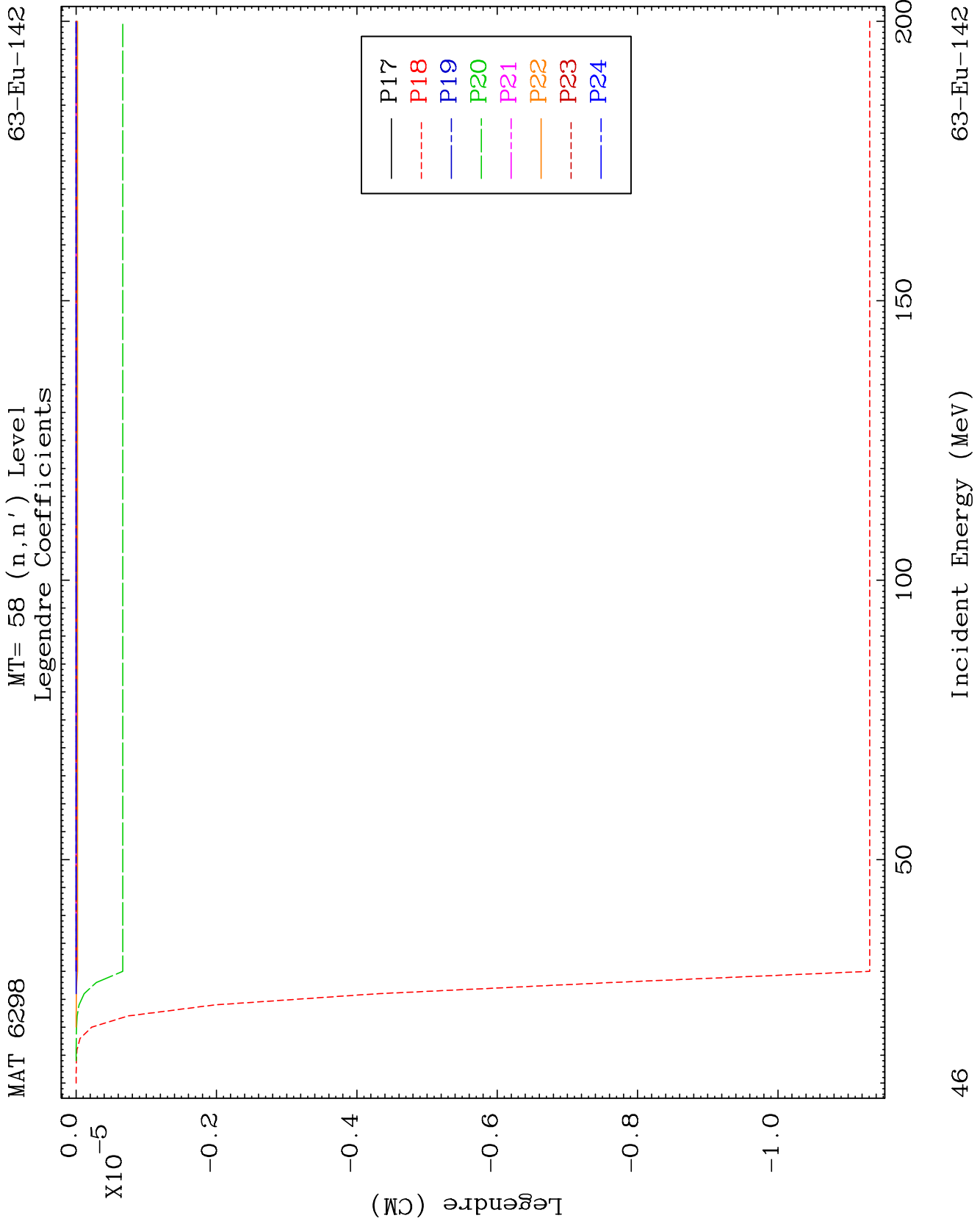
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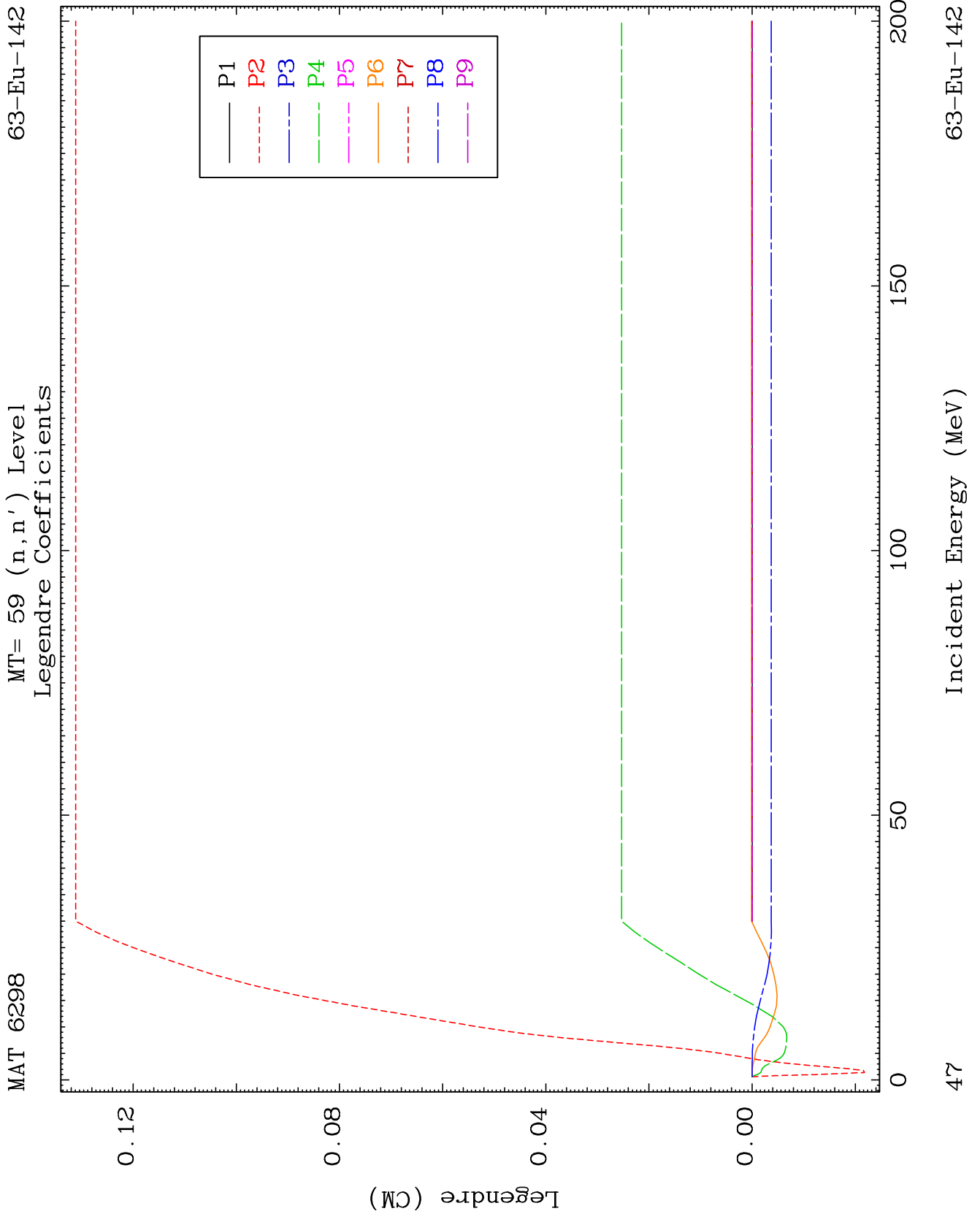


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Incident Energy (MeV)

63-Eu-142

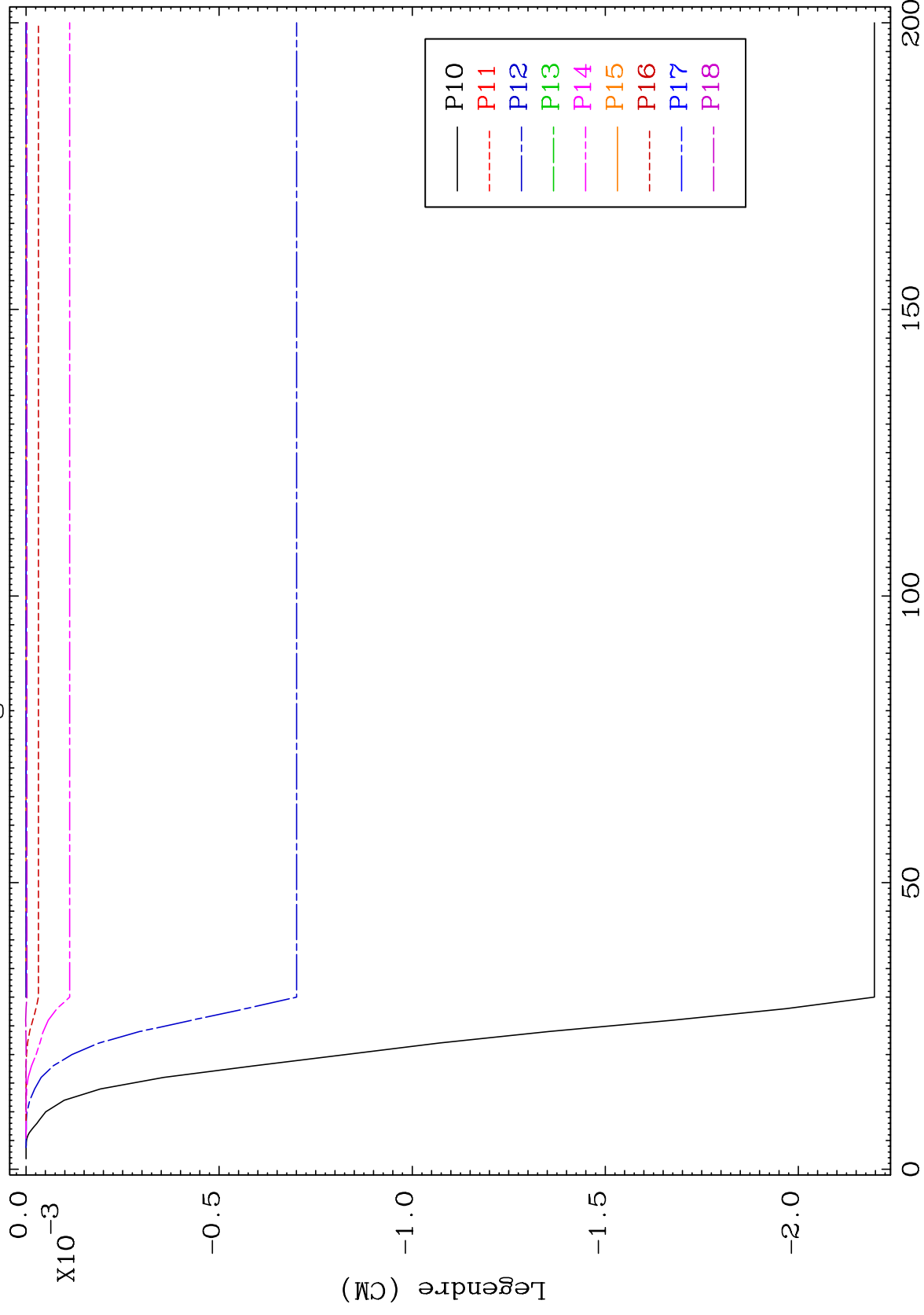




MAT 6298

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

63-Eu-142



48

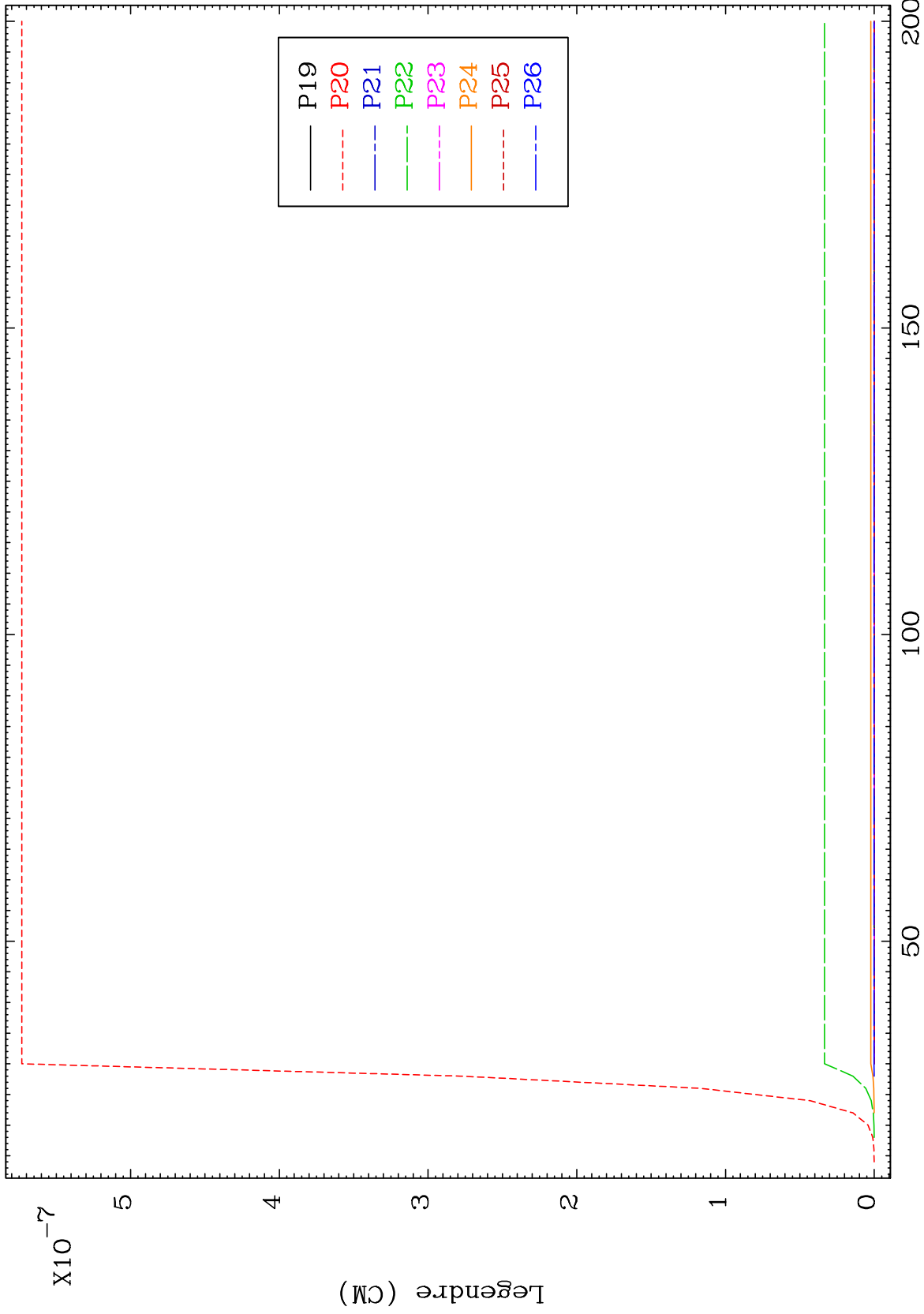
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



49

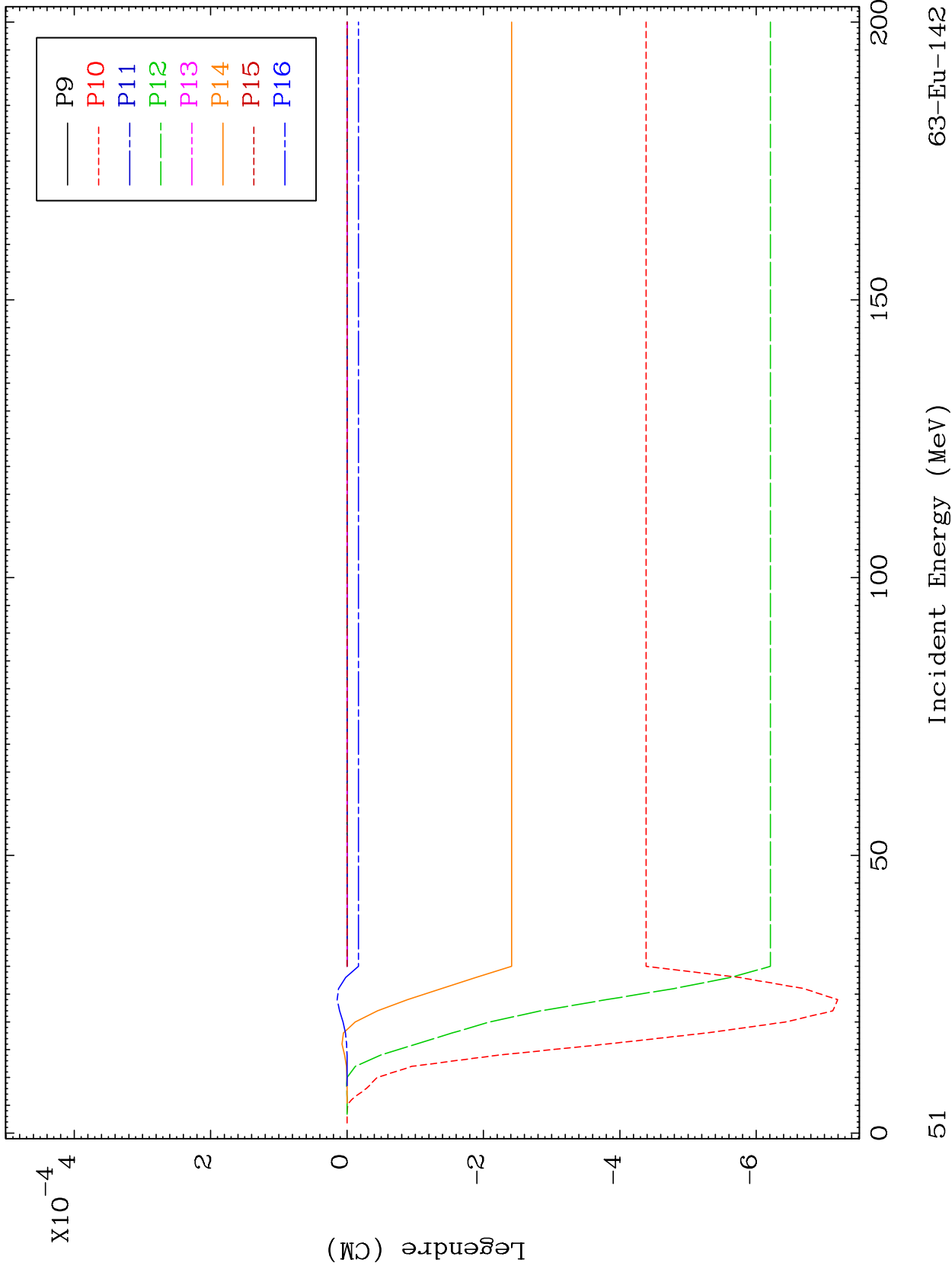
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

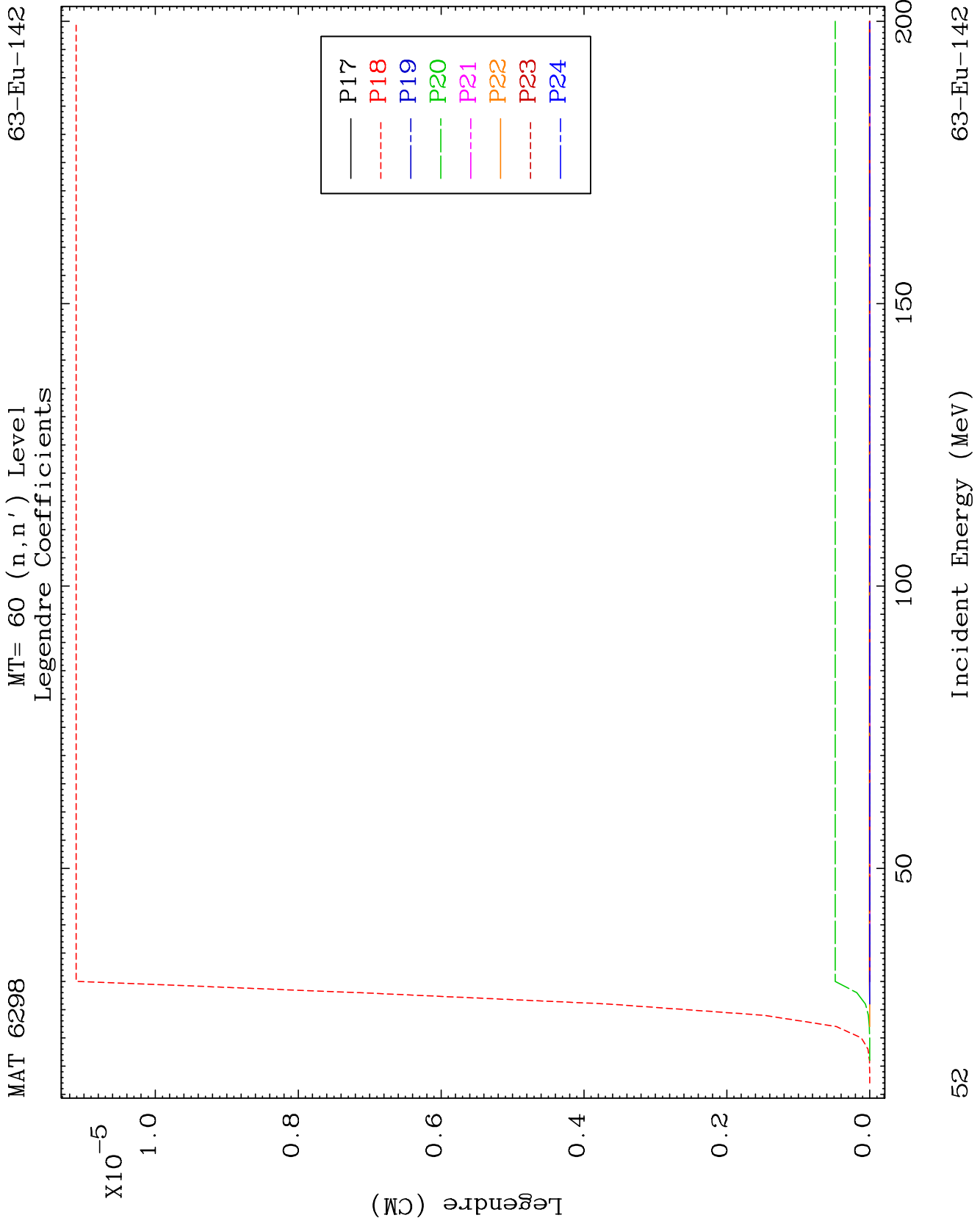
63-Eu-142



63-Eu-142

Incident Energy (MeV)

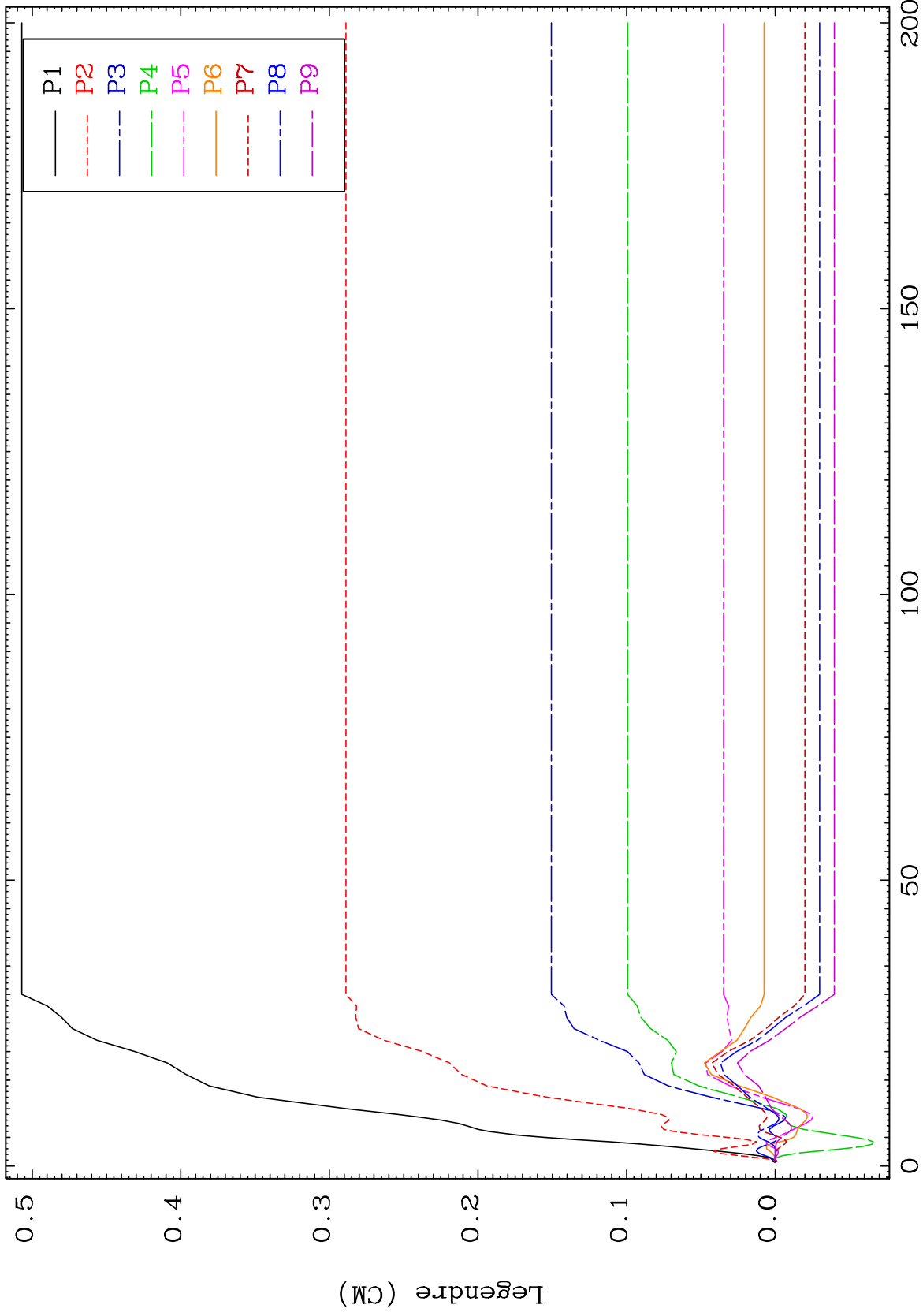
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MAT 6298

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

63-Eu-142



53

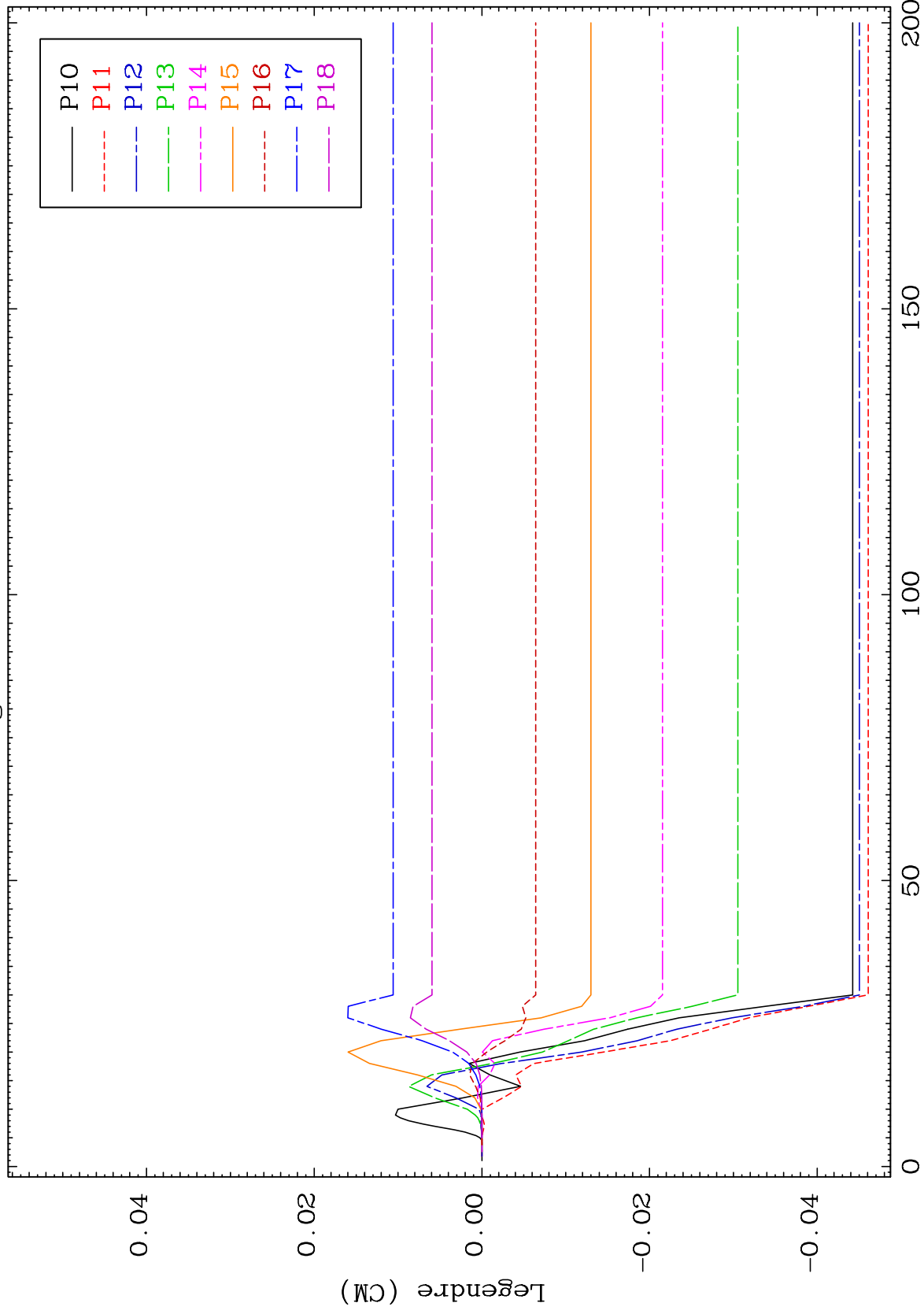
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



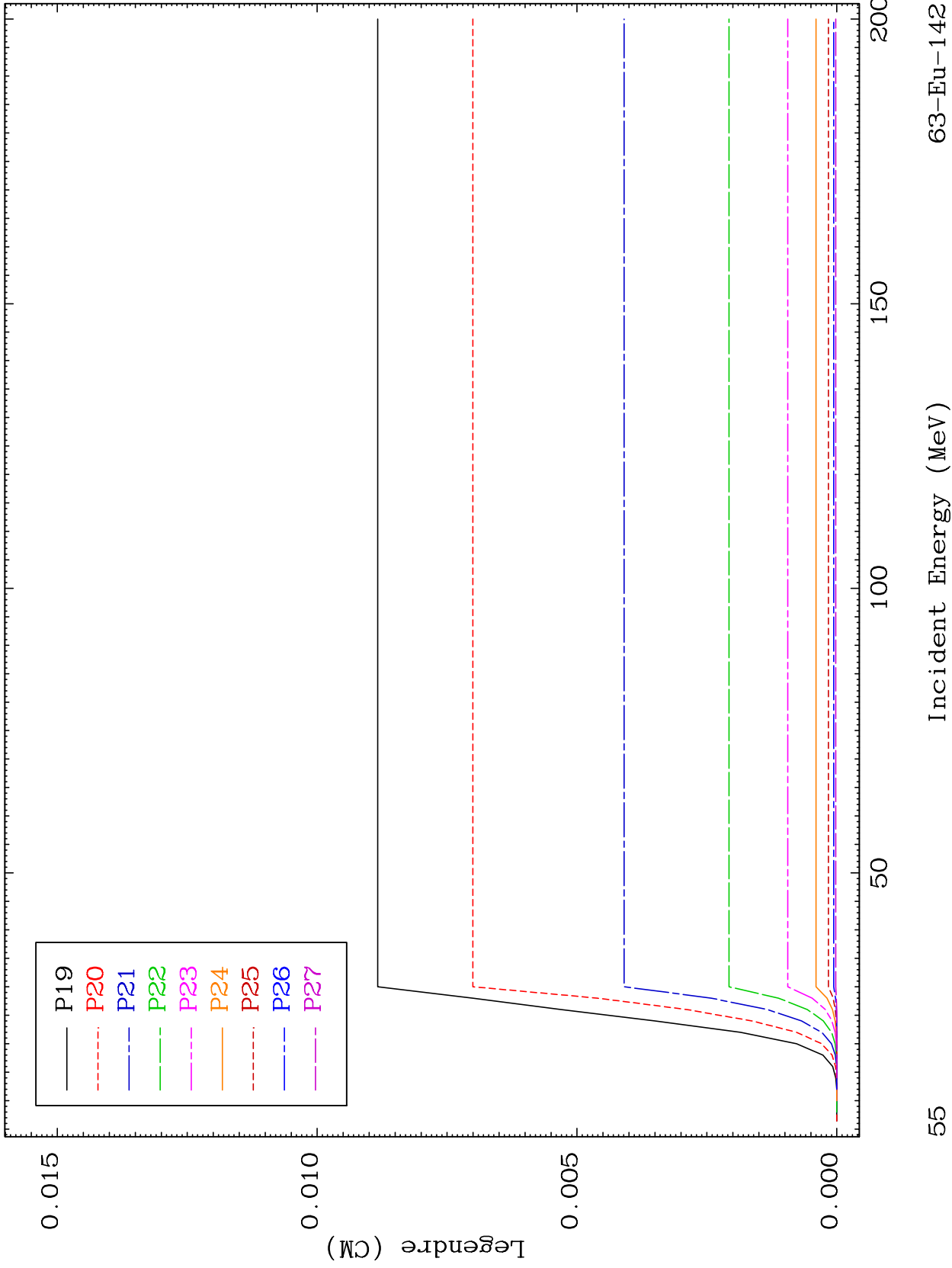
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63-Eu-142

MAT 6298

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

63-Eu-142



55

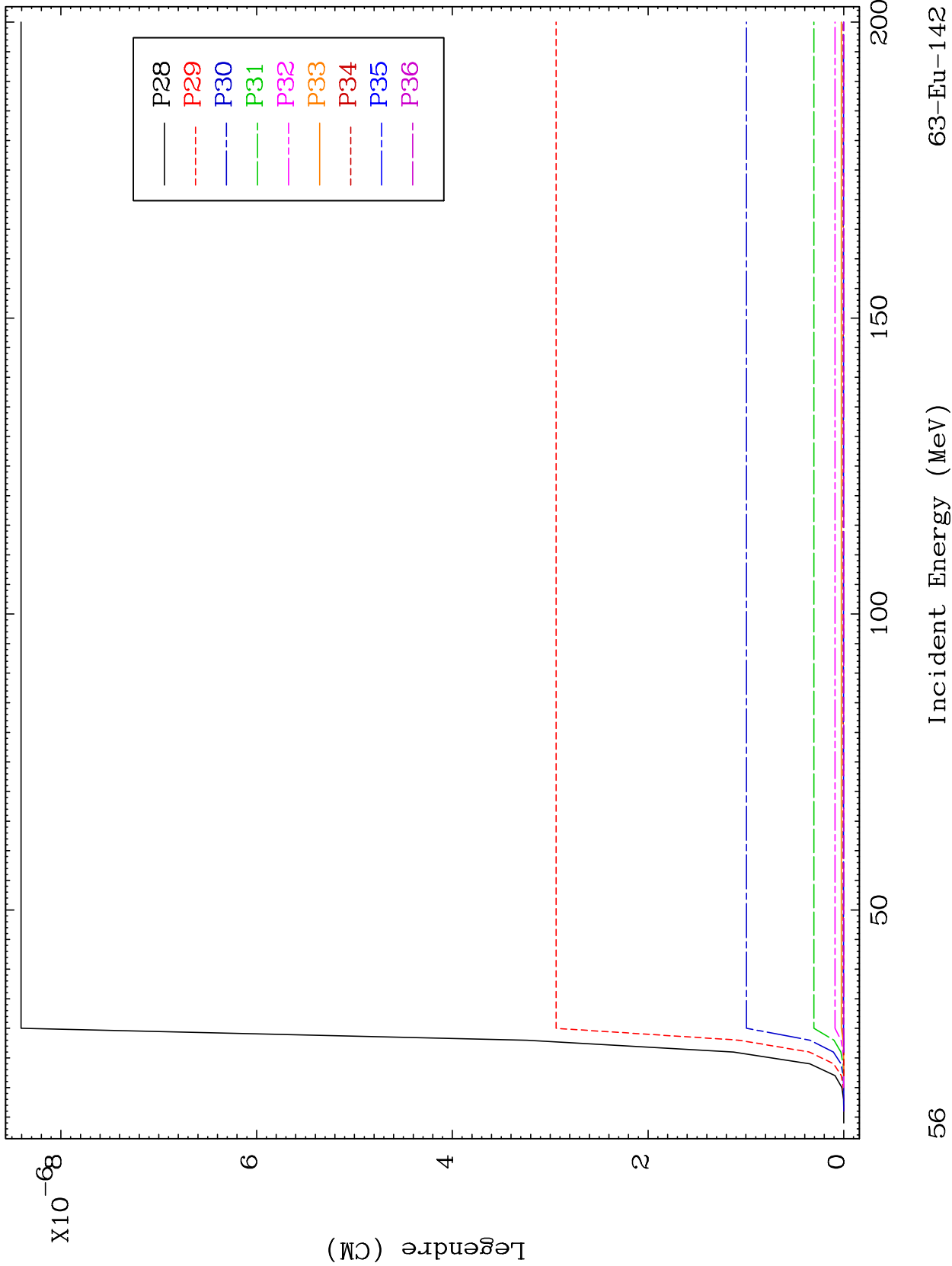
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



56

Incident Energy (MeV)

63-Eu-142

200

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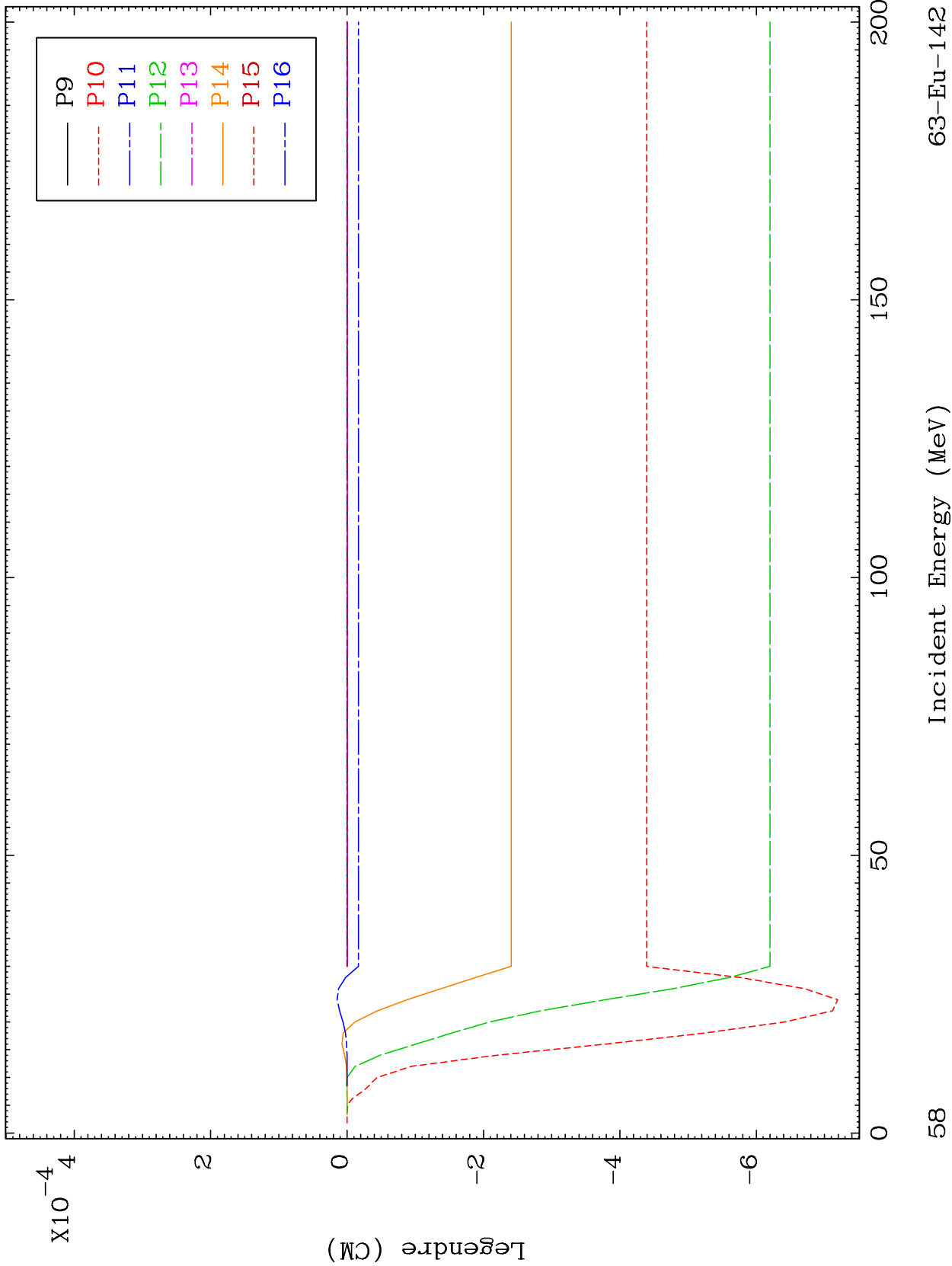
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MAT 6298

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

63-Eu-142



63-Eu-142

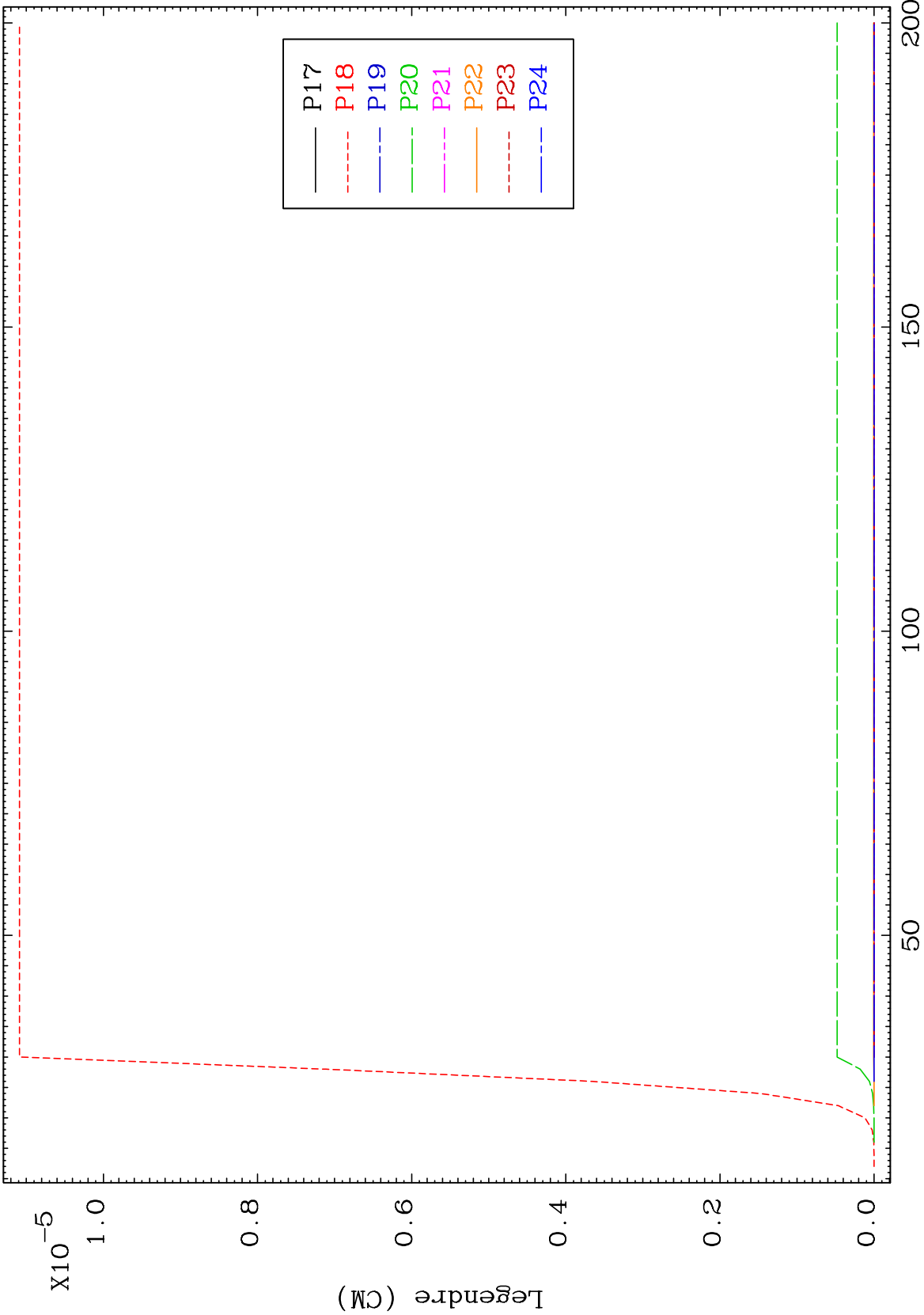
Incident Energy (MeV)

58

MAT 6298

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

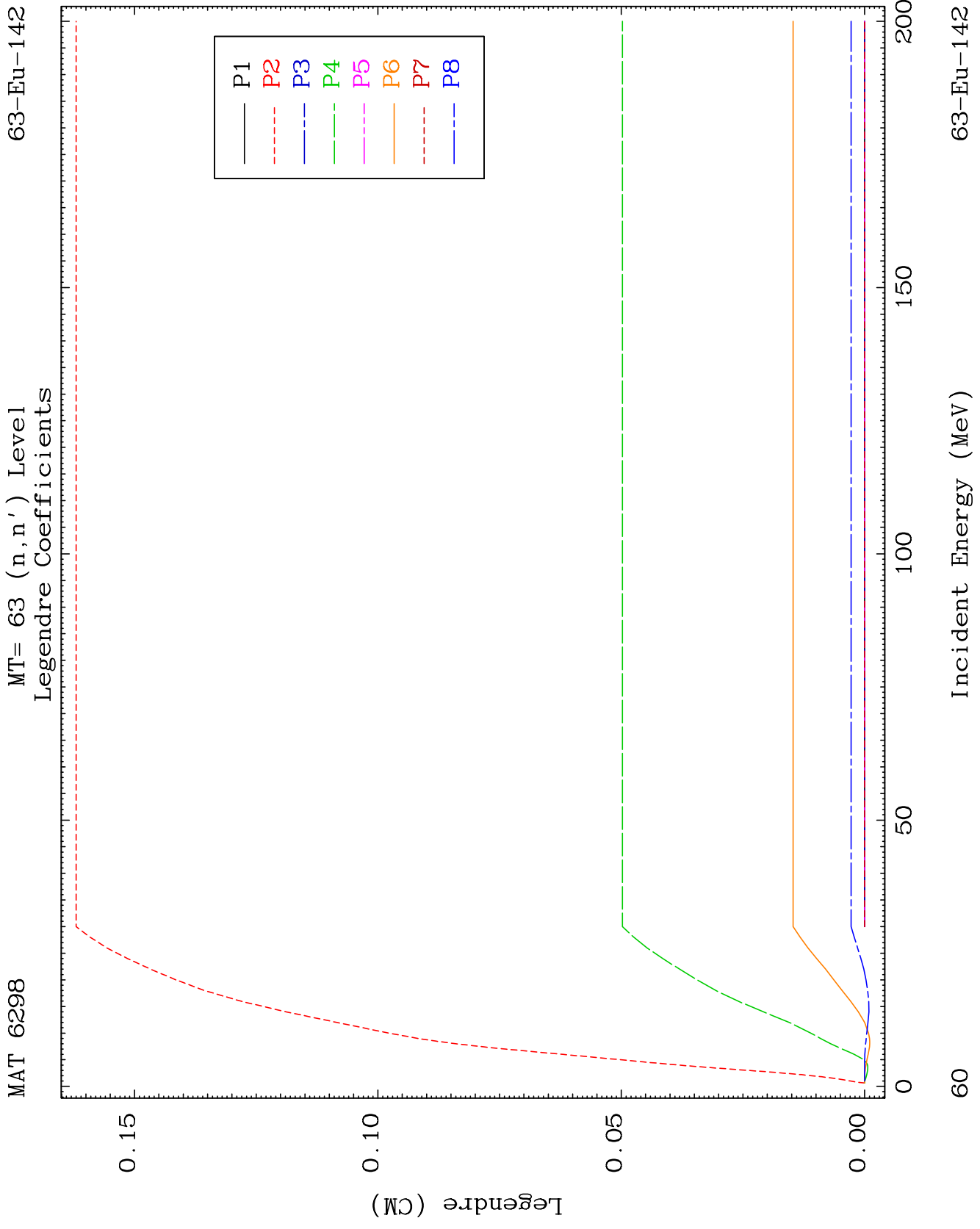
63-Eu-142



63-Eu-142

Incident Energy (MeV)

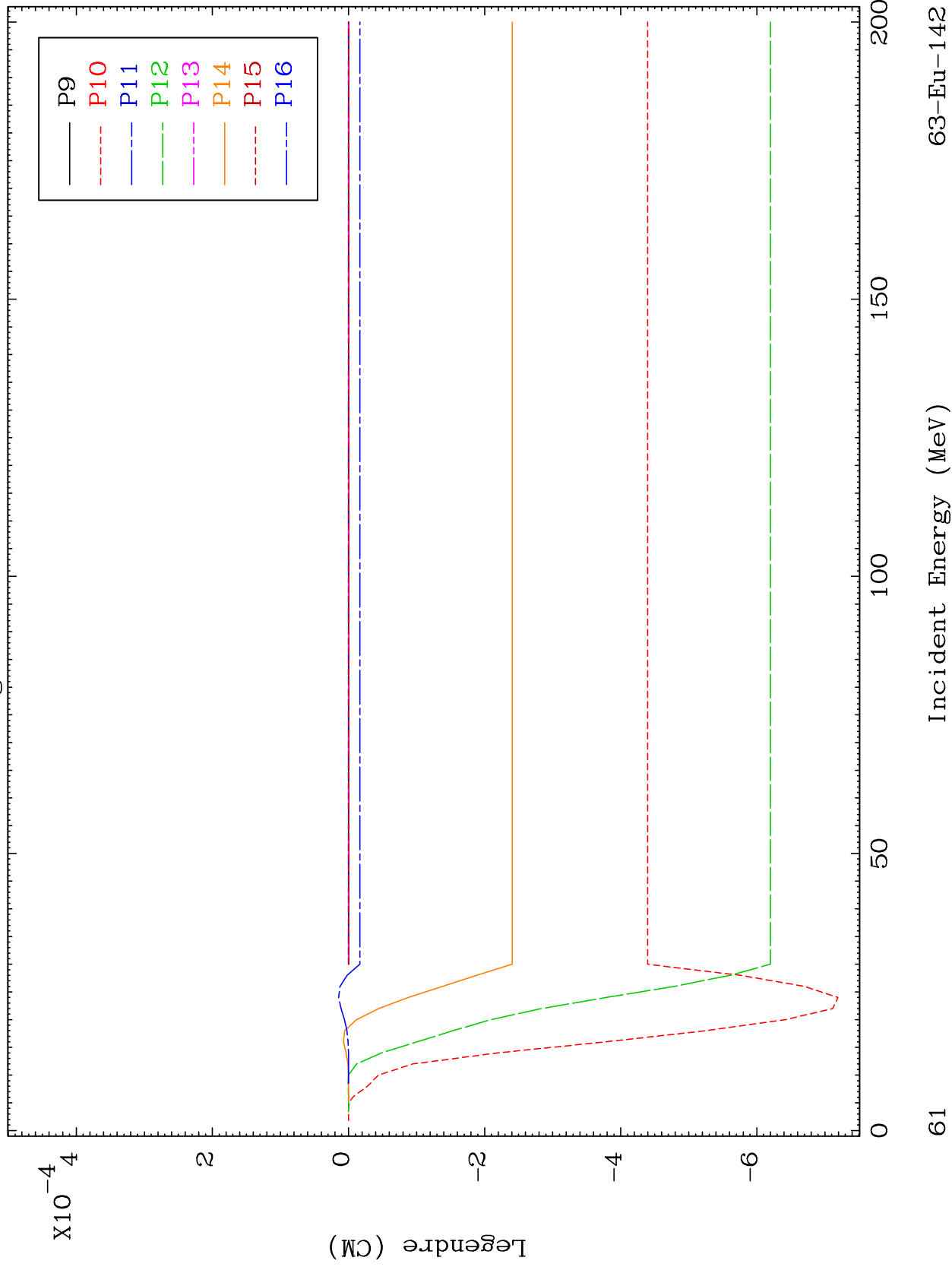
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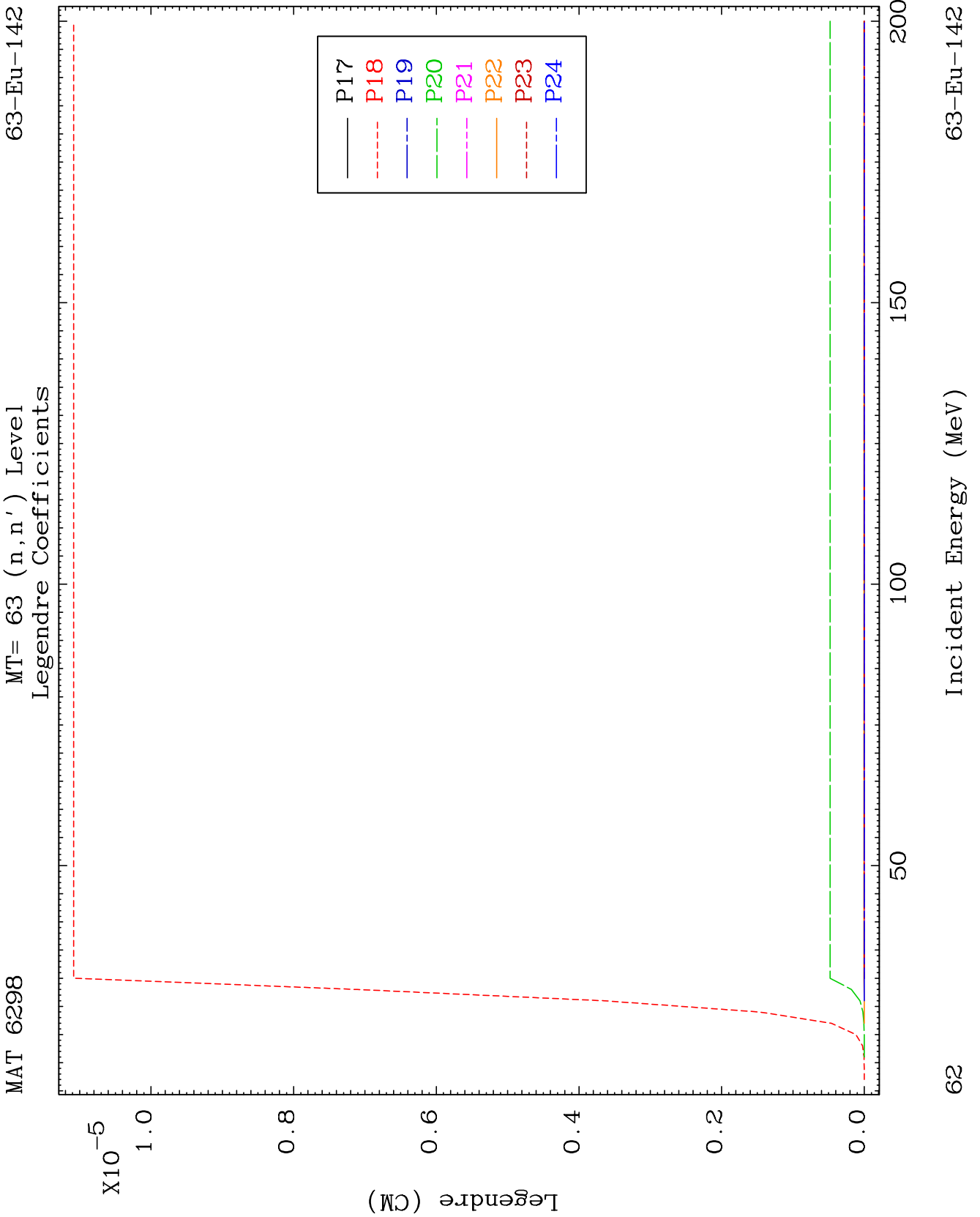


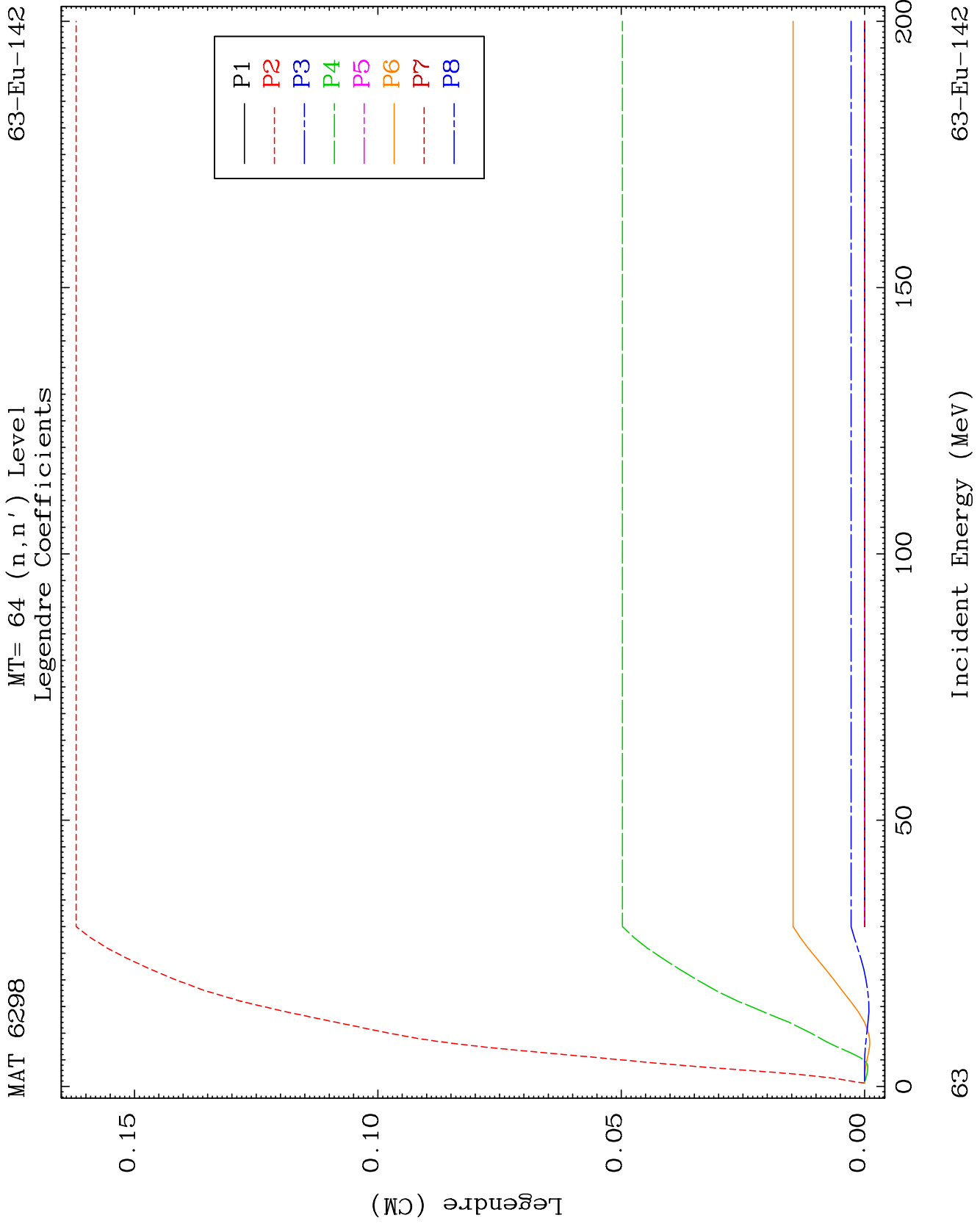
MAT 6298

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

63-Eu-142



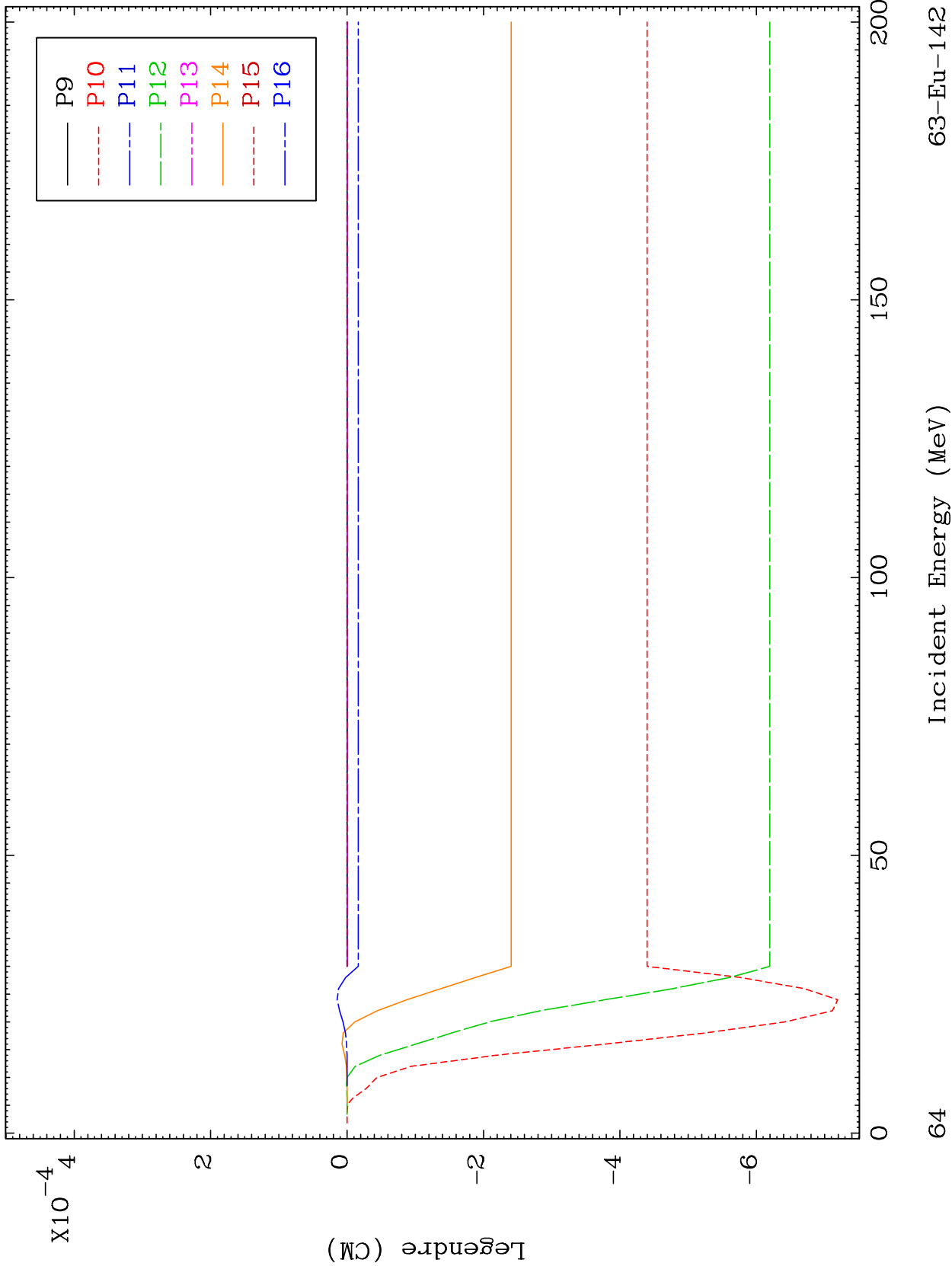




MAT 6298

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

63-Eu-142



64

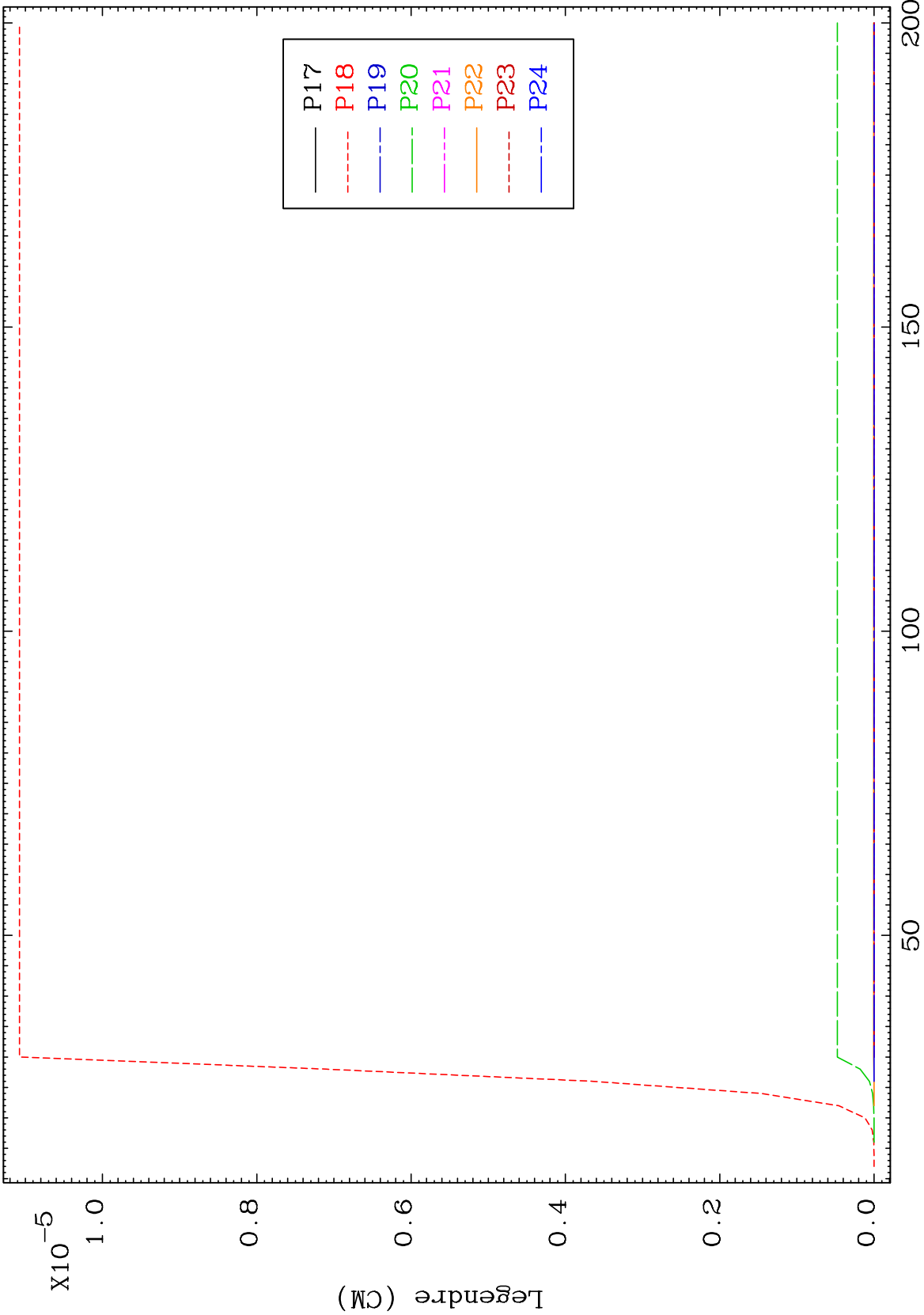
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



63-Eu-142

Incident Energy (MeV)

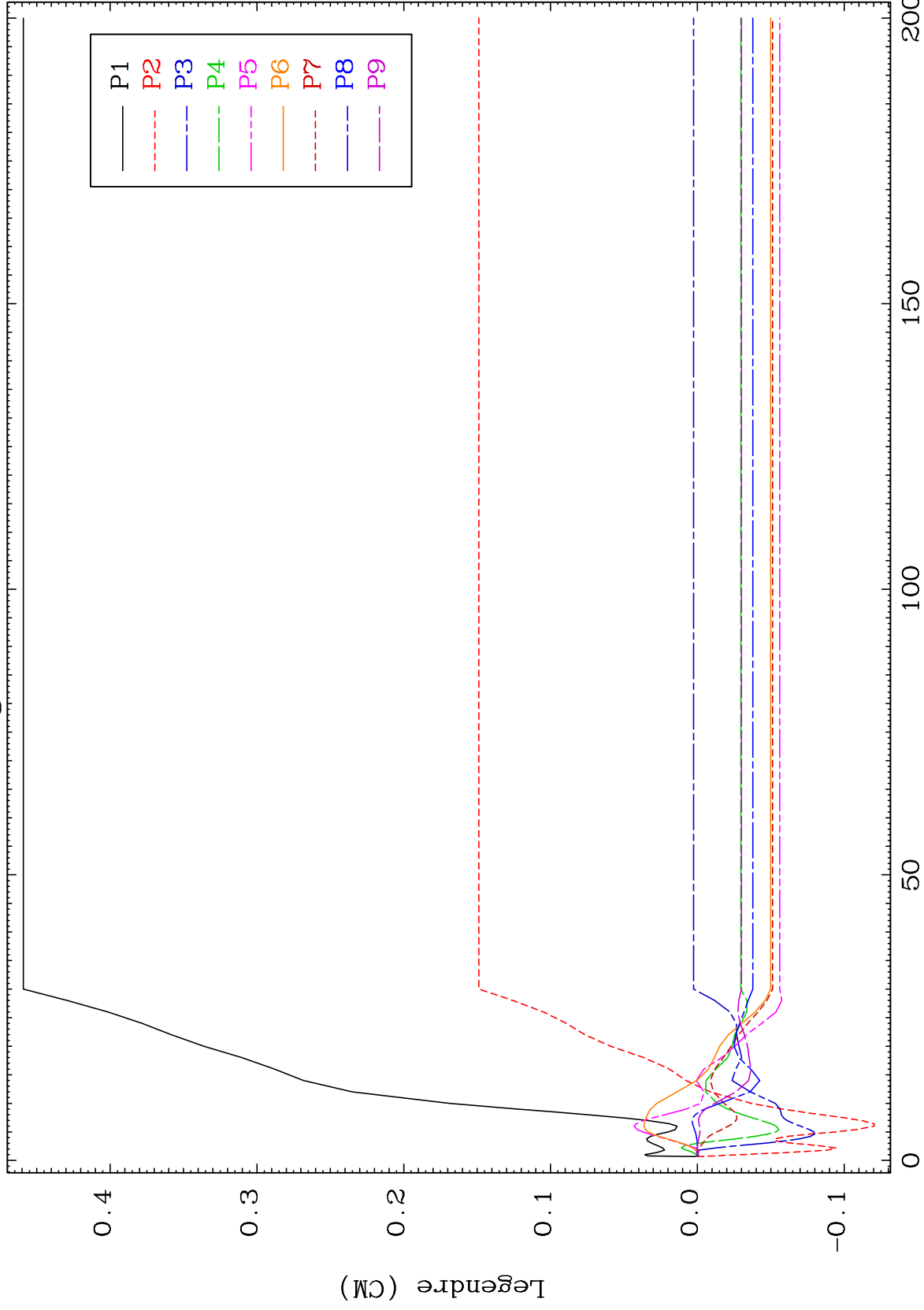
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MAT 6298

MT= 65 (n,n') Level

63-Eu-142

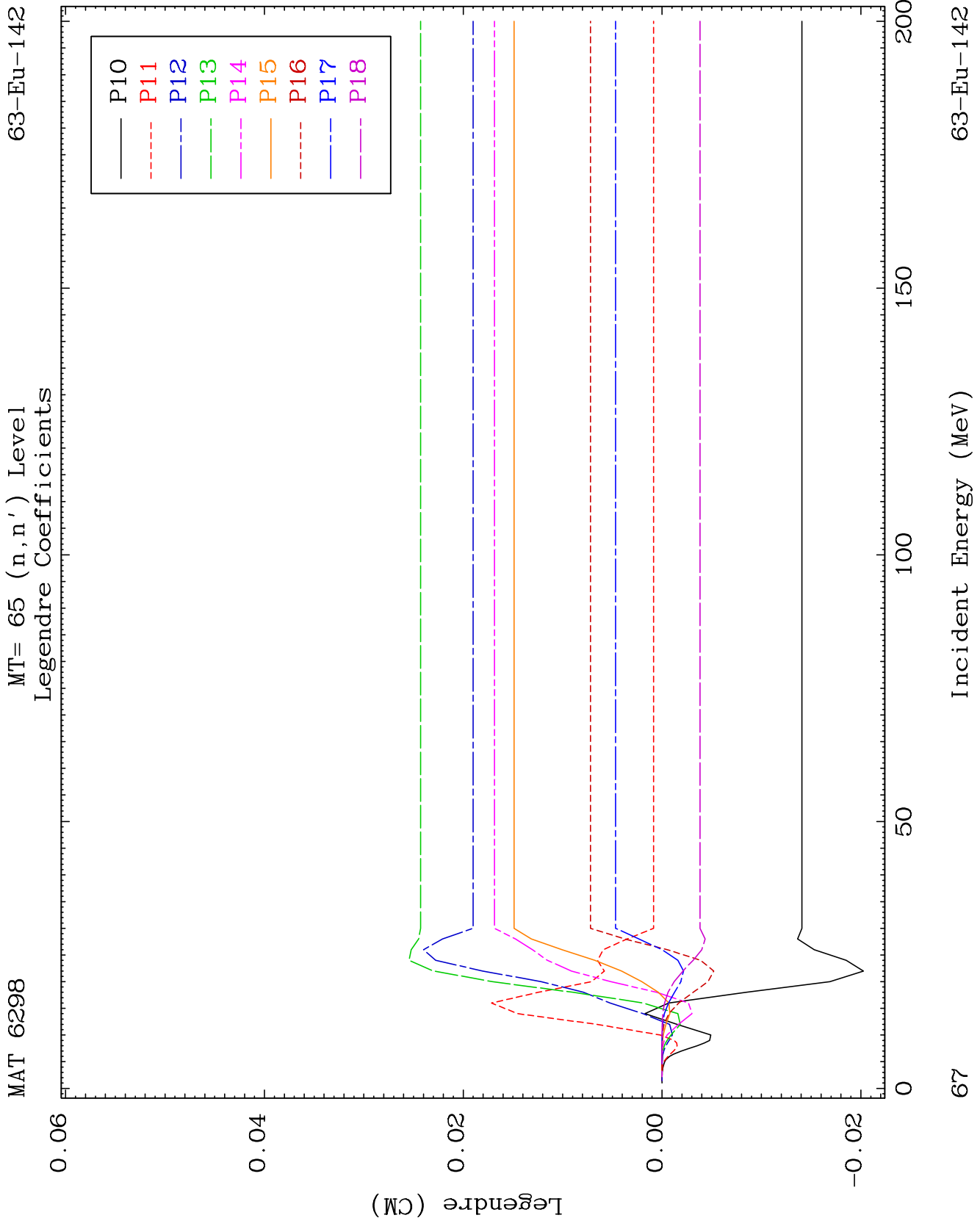
Legendre Coefficients



66

Incident Energy (MeV)

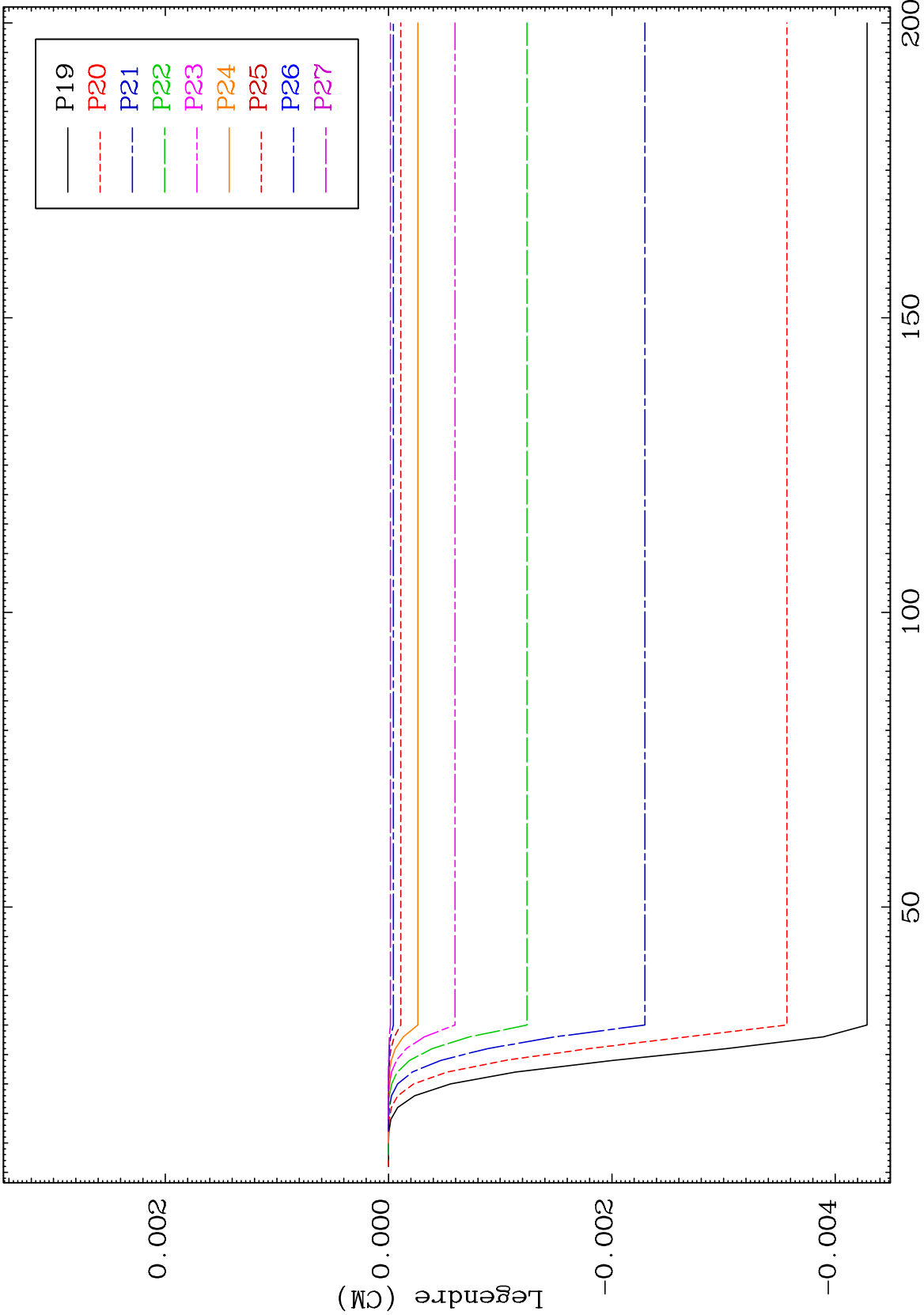
63-Eu-142



MAT 6298

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

63-Eu-142



68

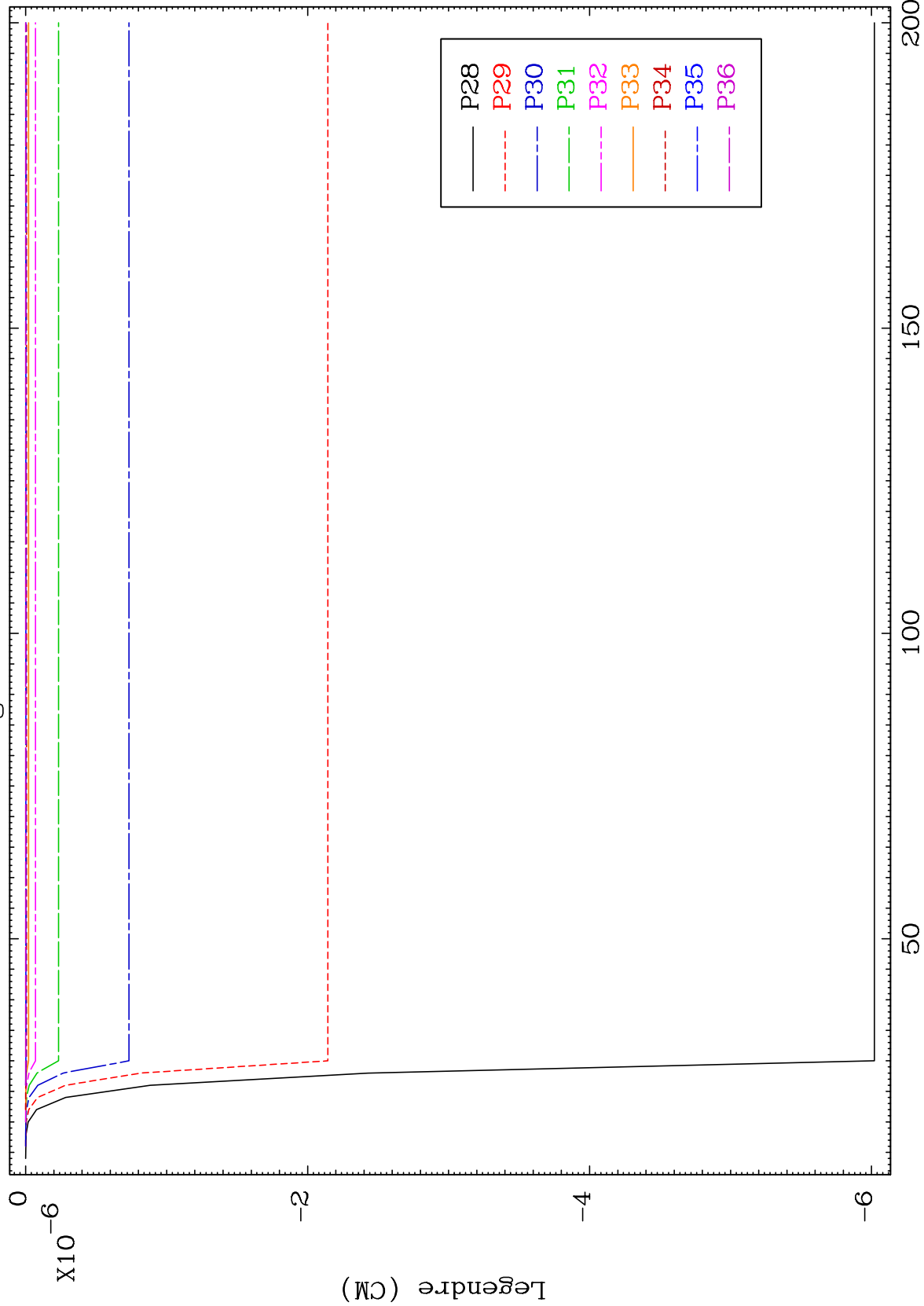
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



69

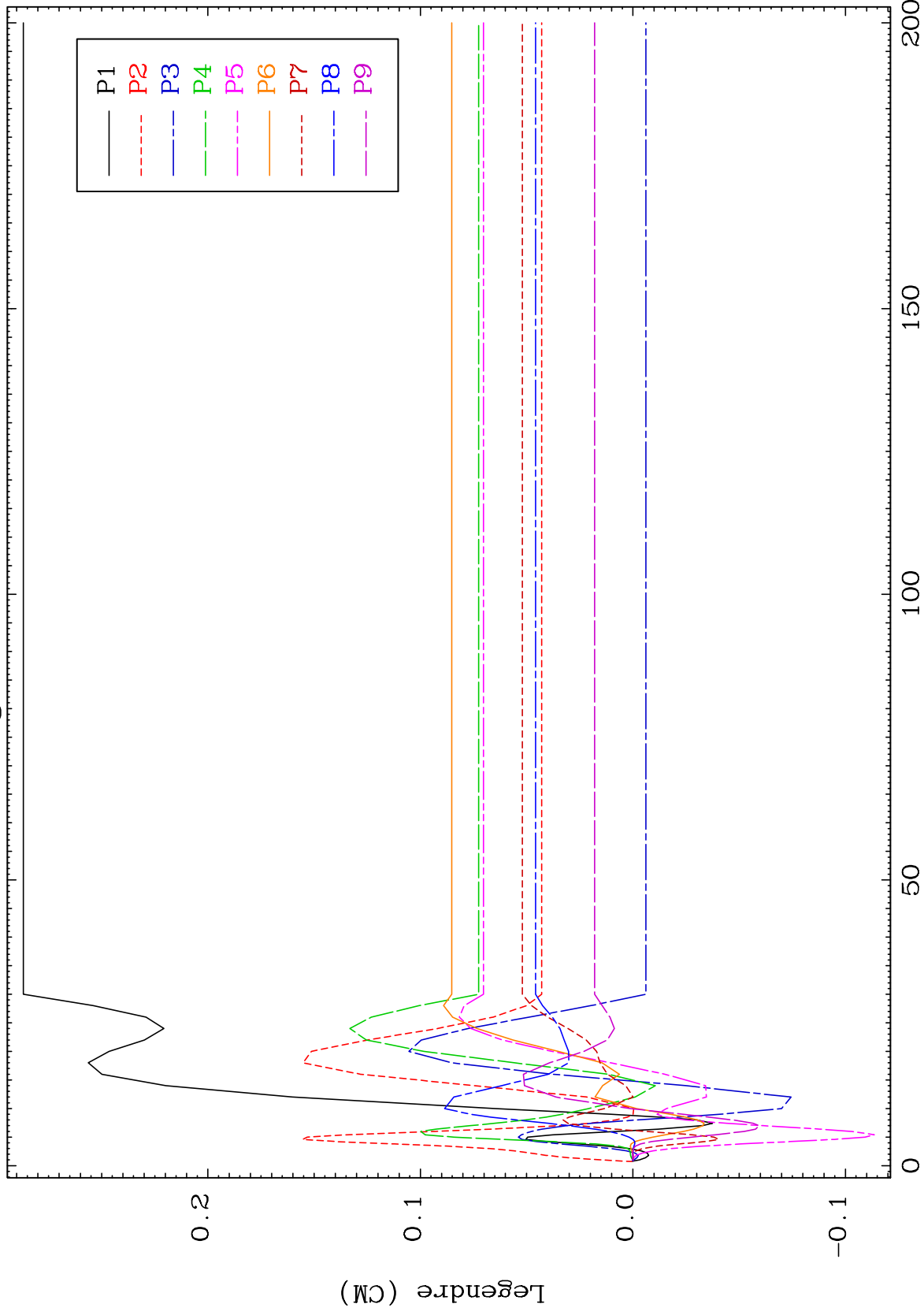
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



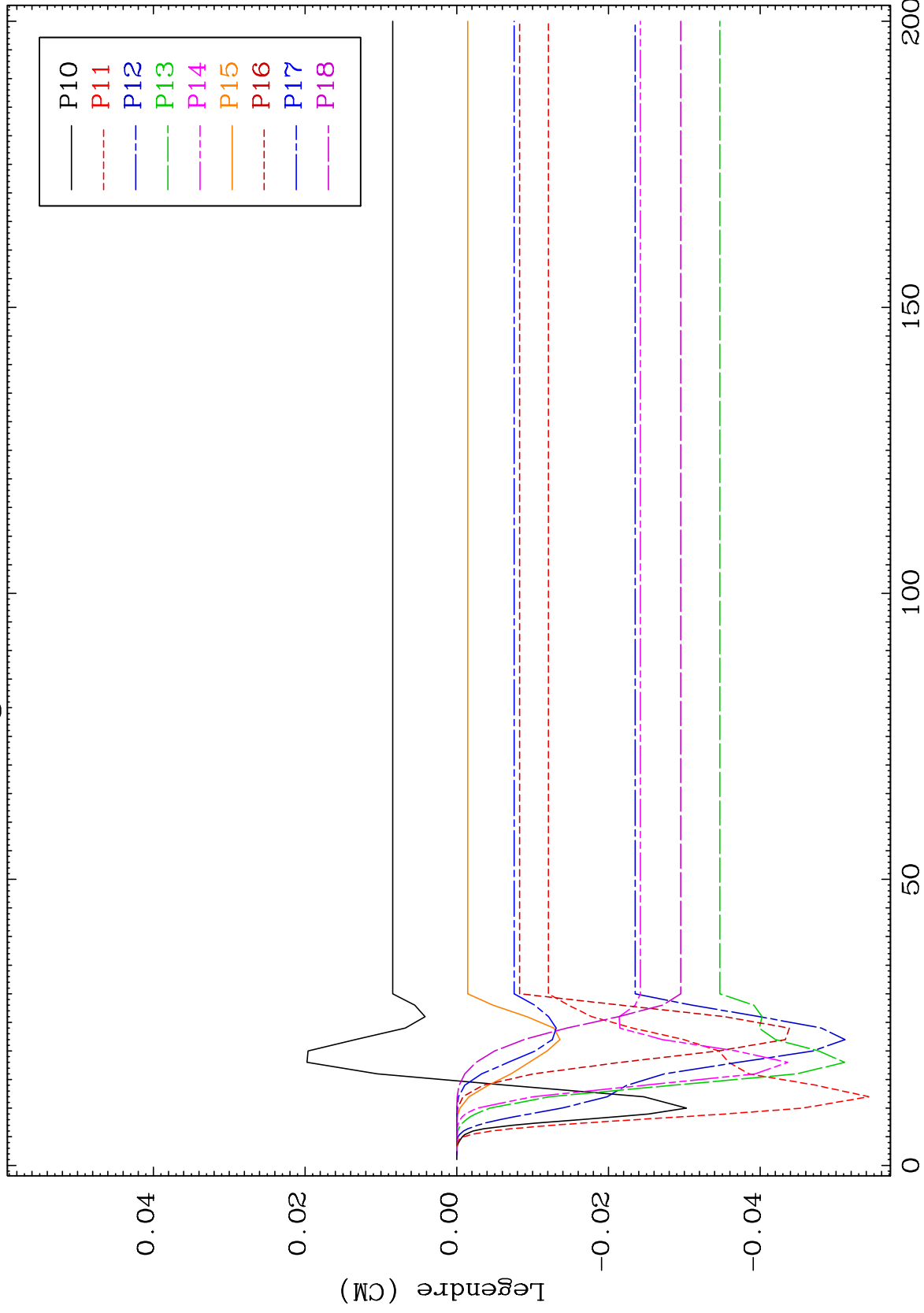
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



63-Eu-142

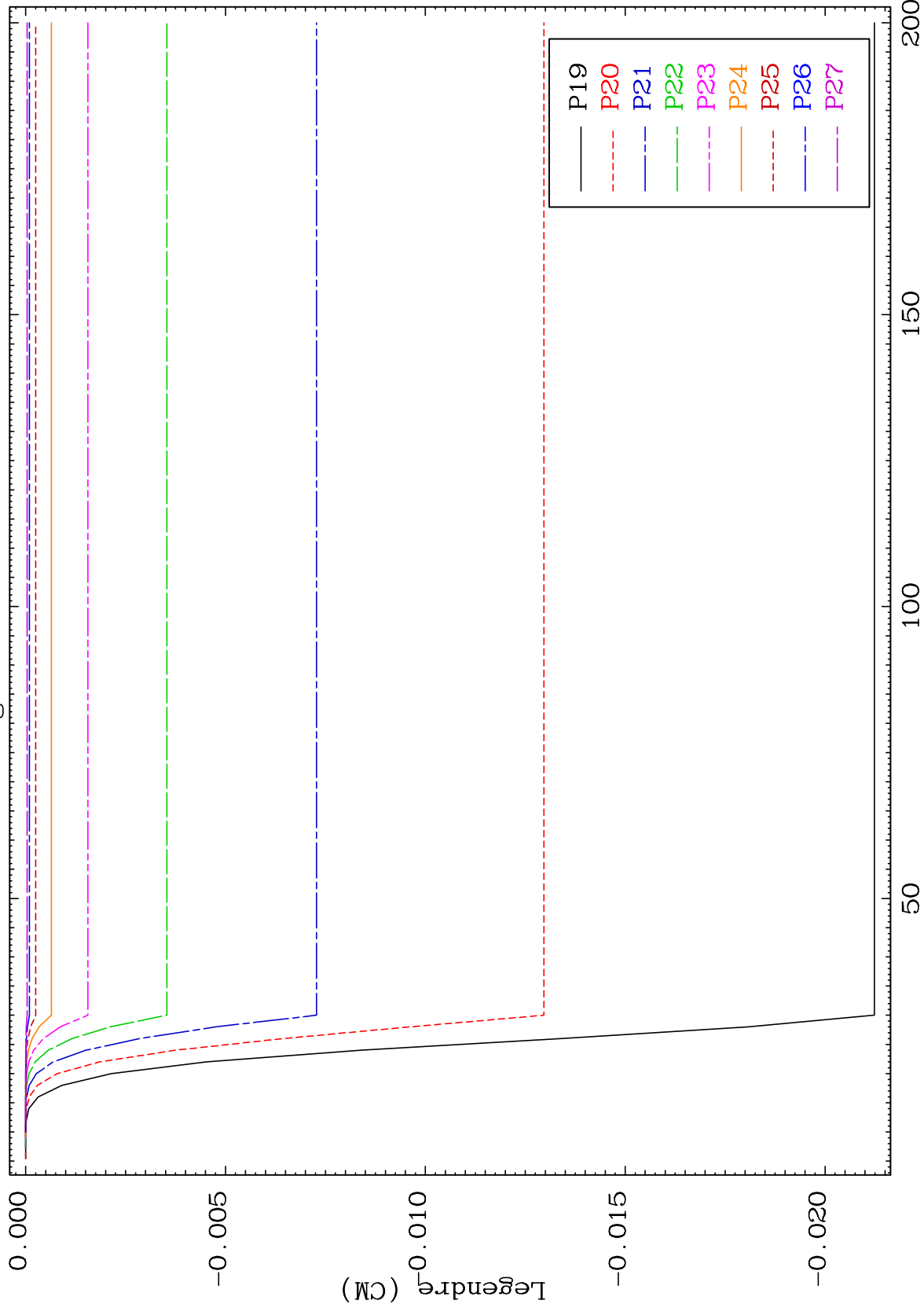
Incident Energy (MeV)

71

MAT 6298

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

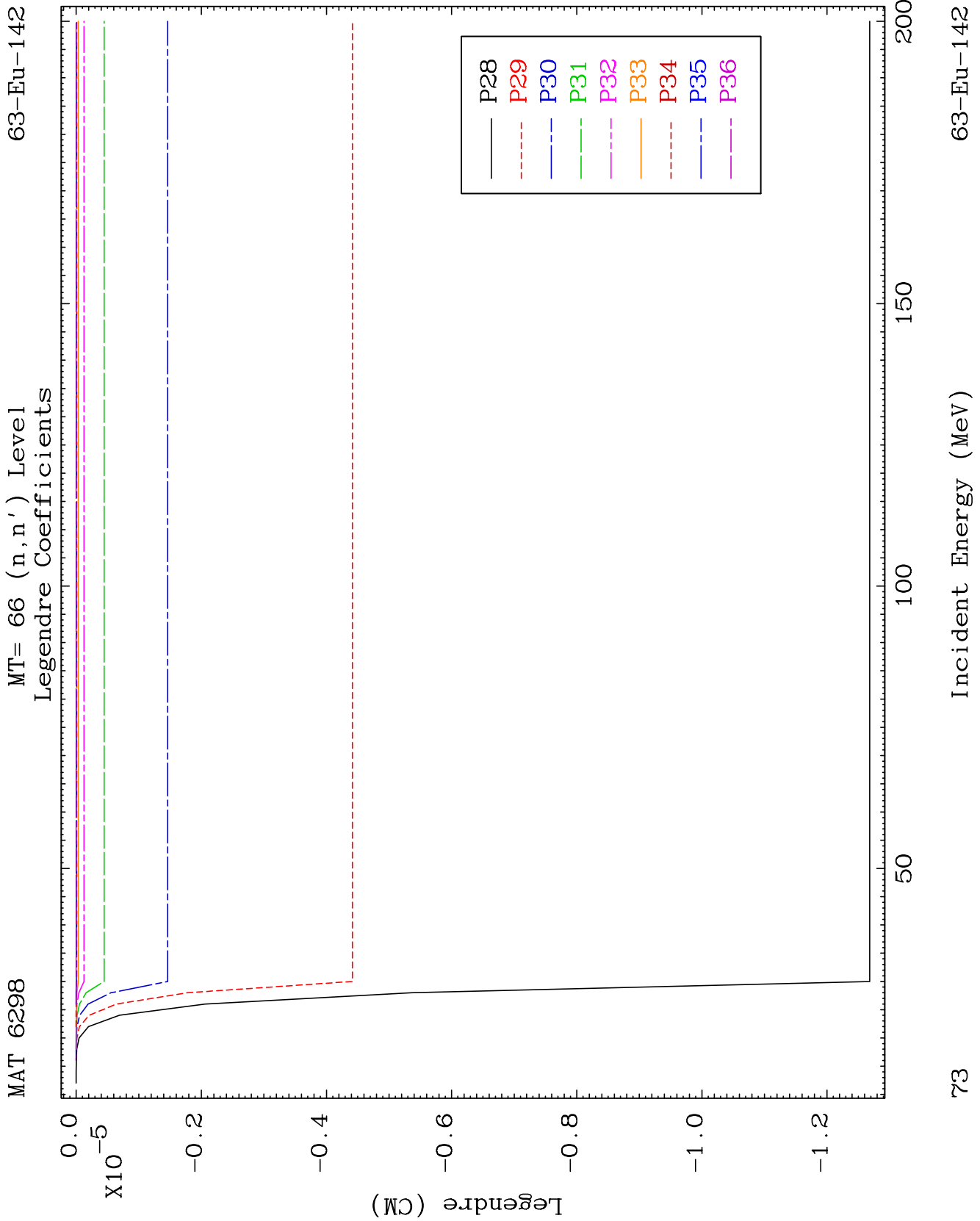
63-Eu-142



72

Incident Energy (MeV)

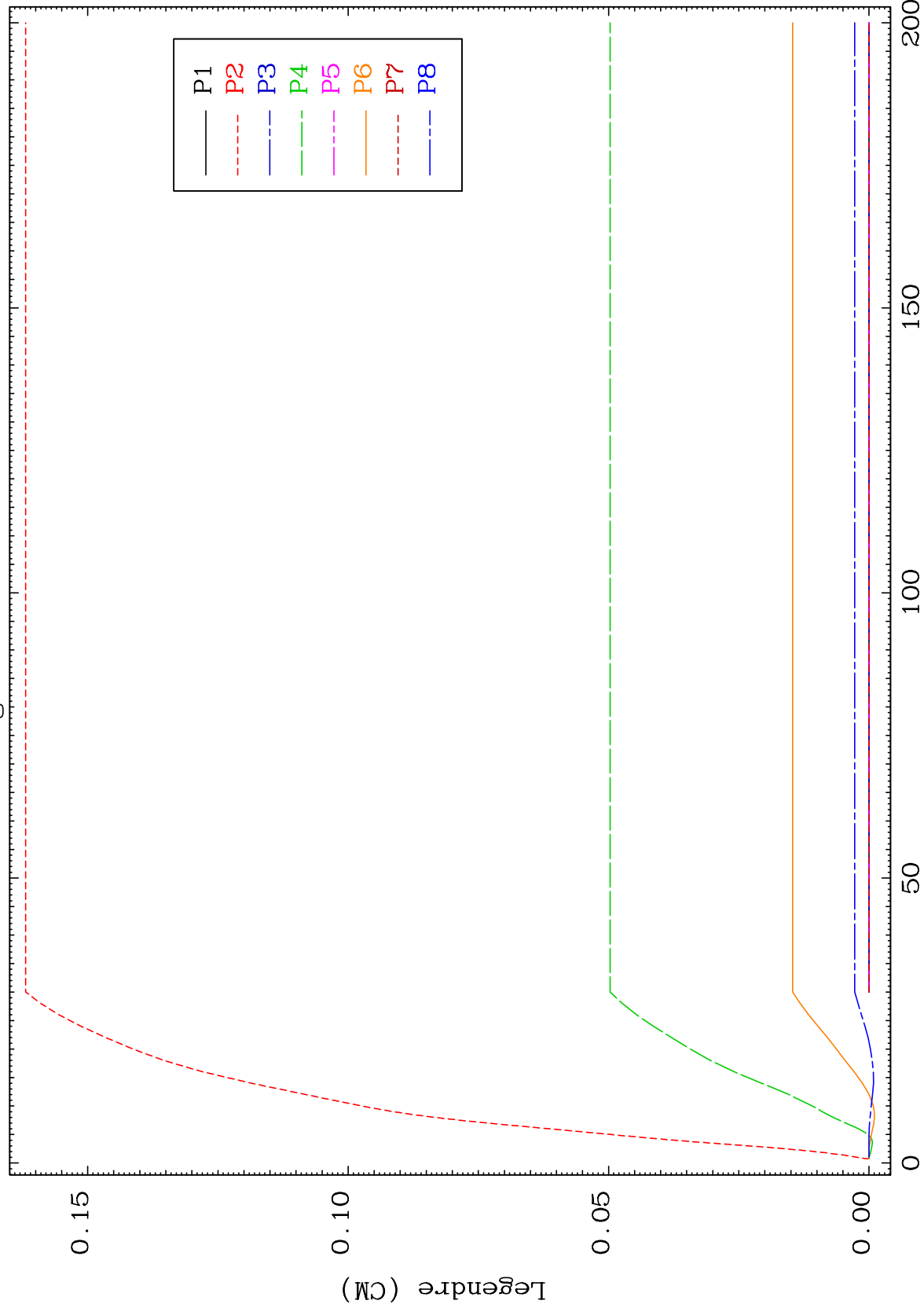
63-Eu-142



MAT 6298

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

63-Eu-142



74

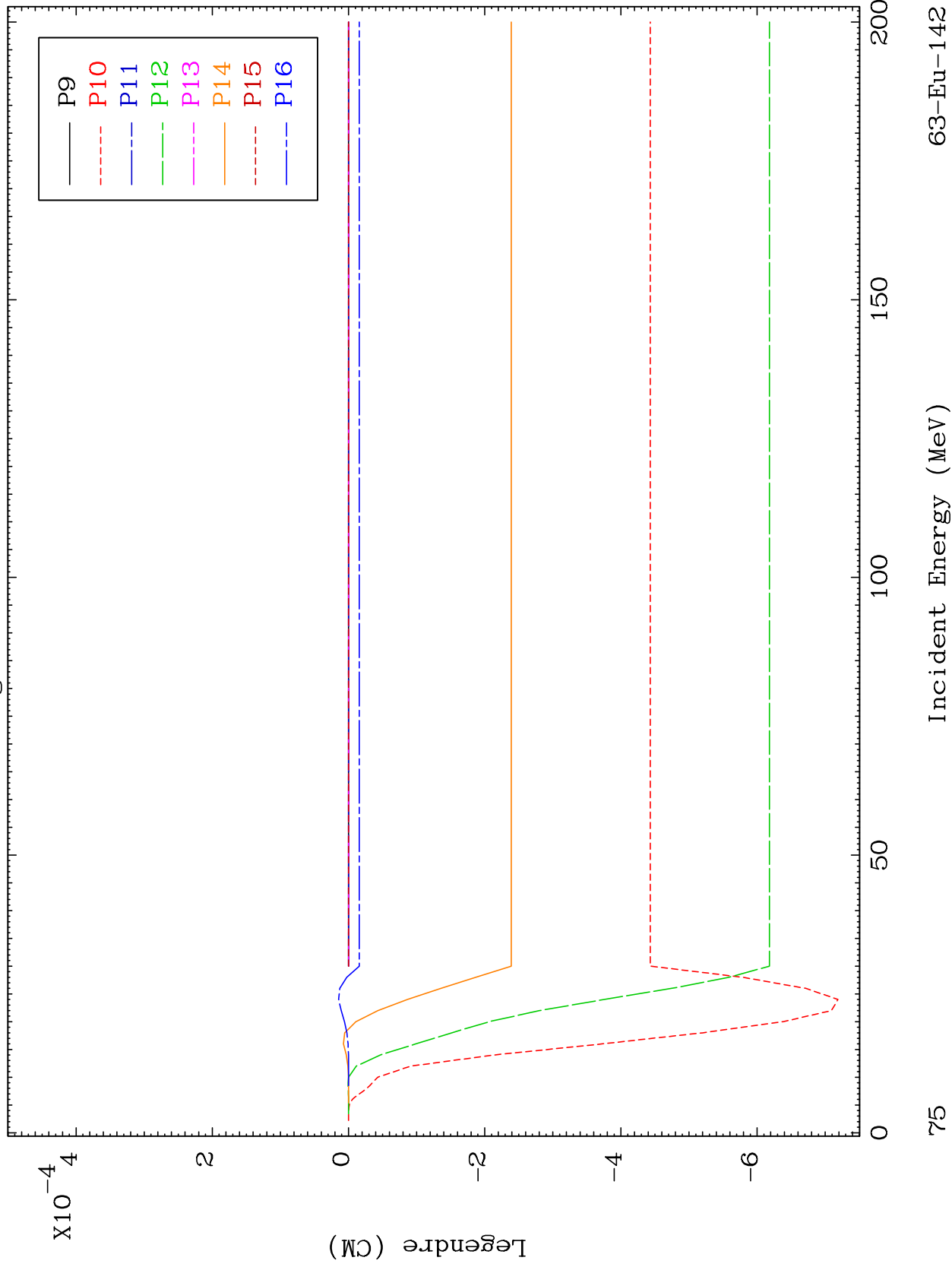
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



63-Eu-142

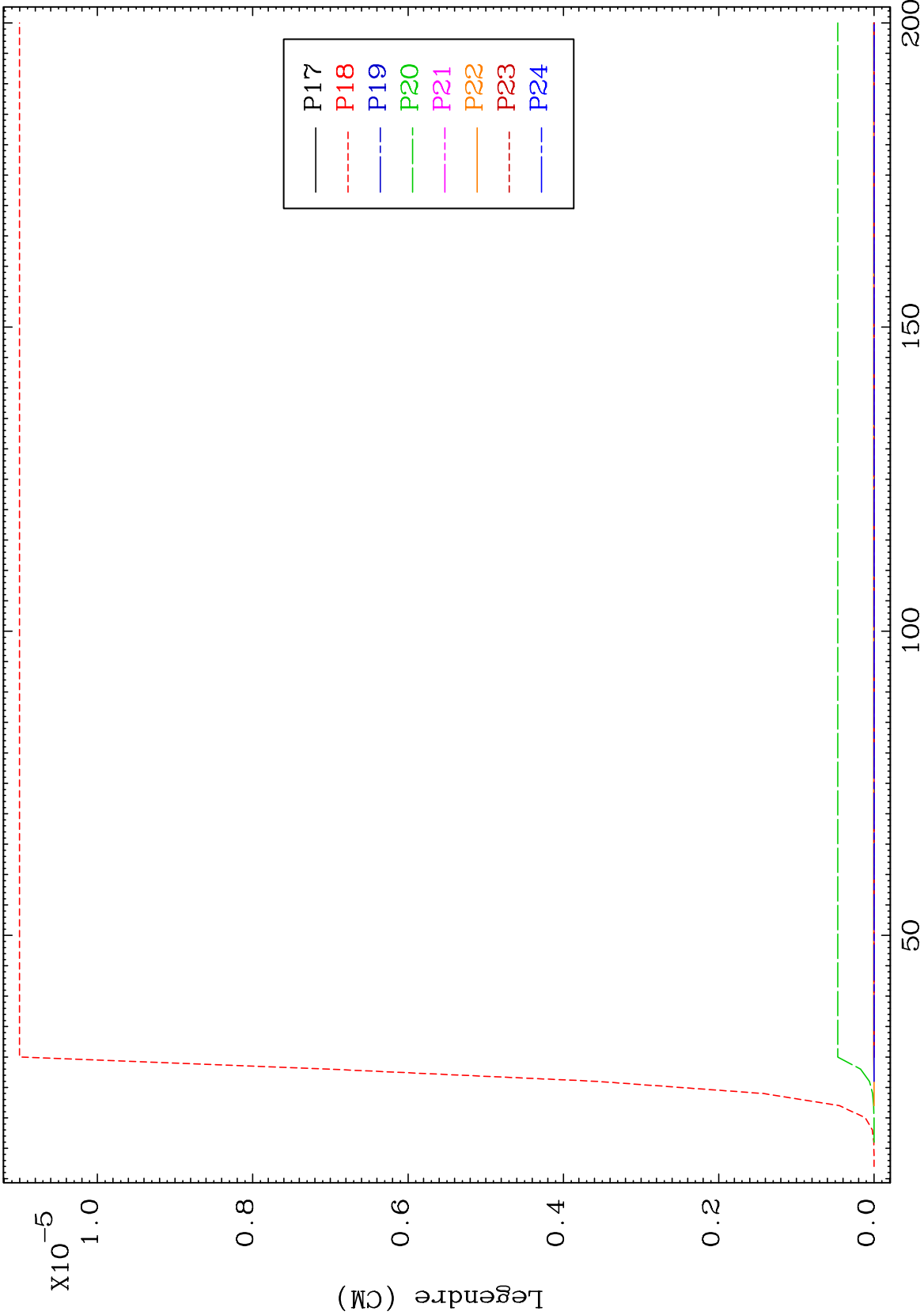
Incident Energy (MeV)

75

MAT 6298

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

63-Eu-142



63-Eu-142

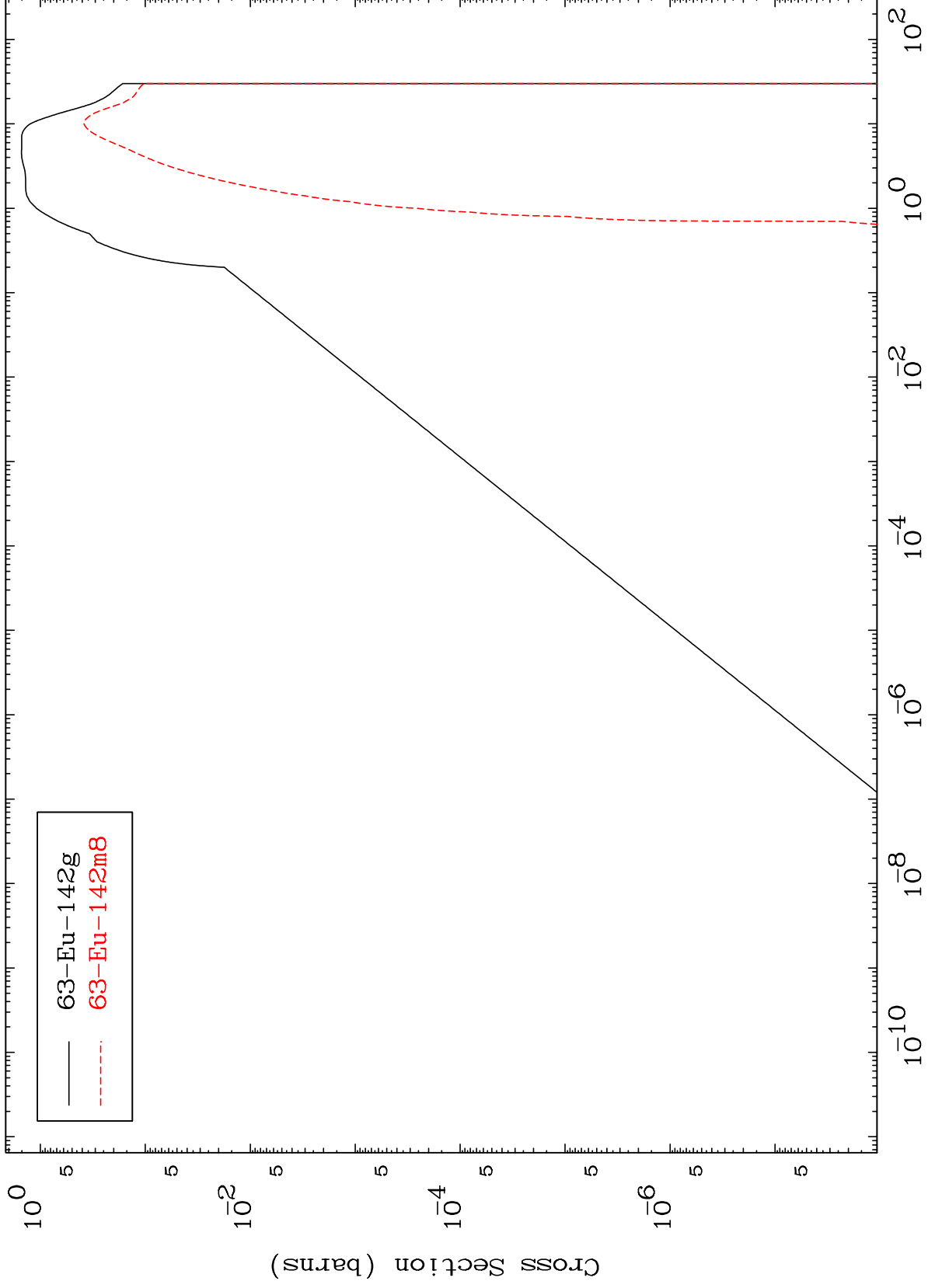
Incident Energy (MeV)

76

MAT 6298

Inelastic
Radionuclide Production Cross Section

63-Eu-142



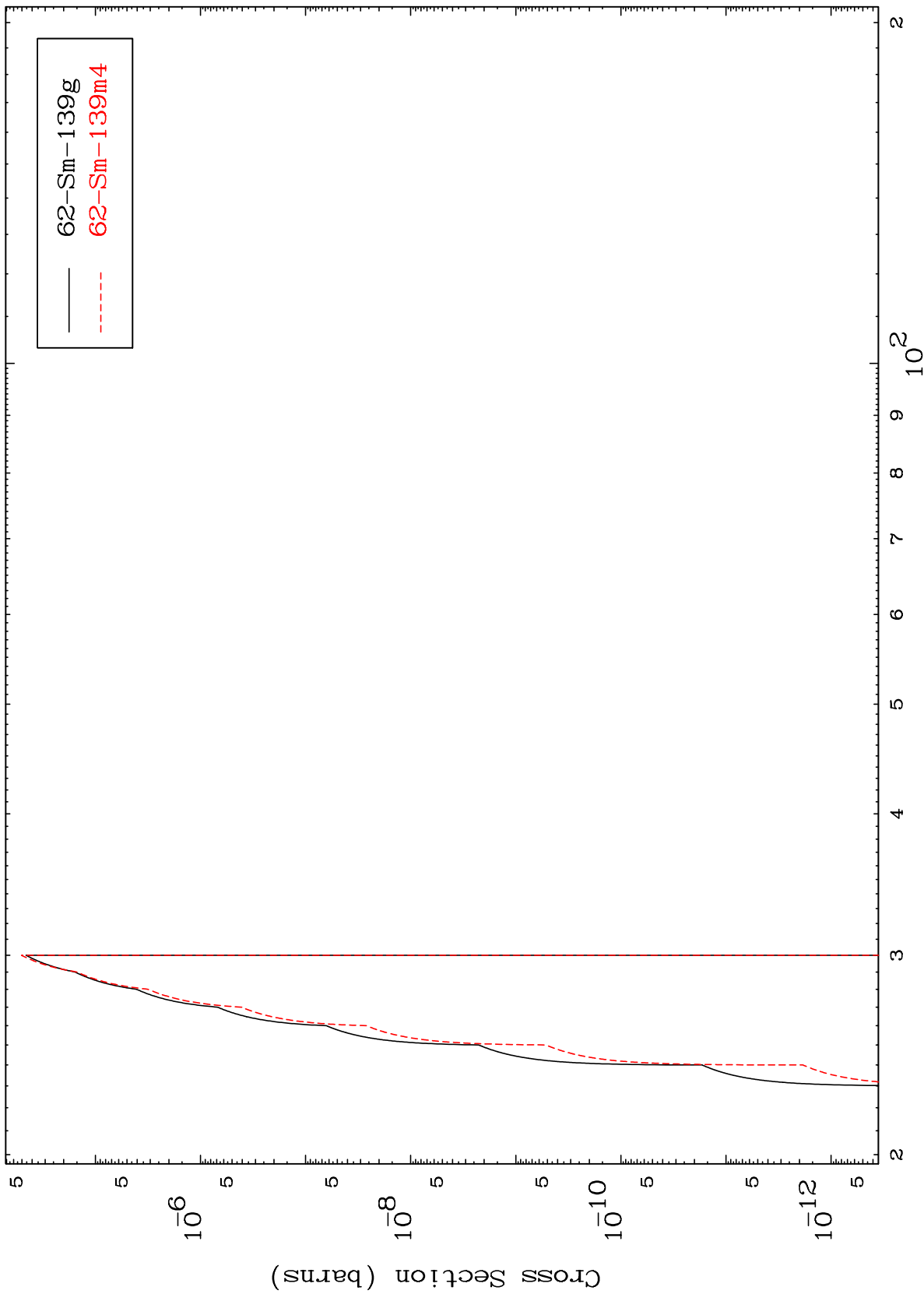
63-Eu-142

MAT 6298

(n,2n) d

63-Eu-142

Radionuclide Production Cross Section



78

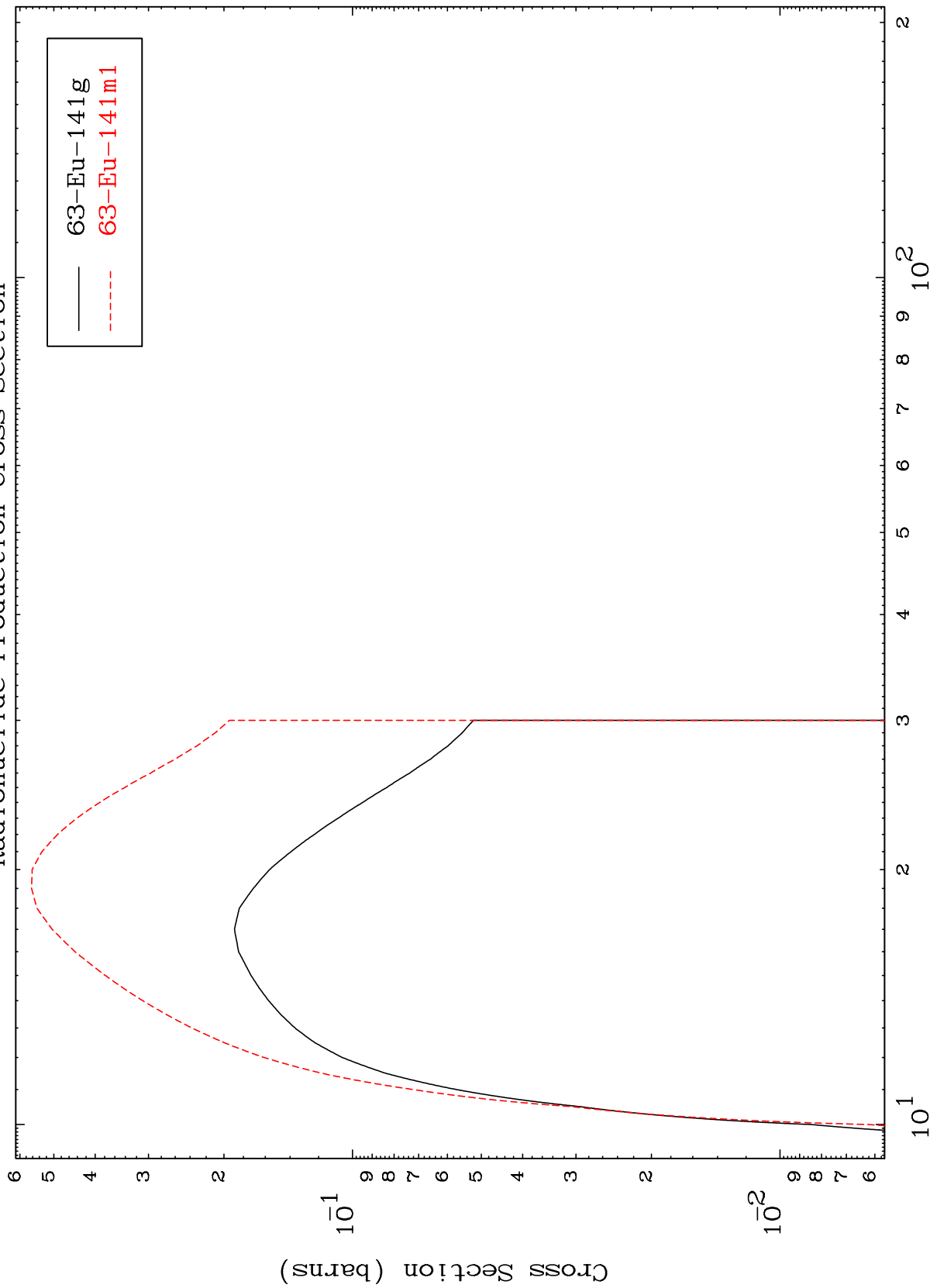
Incident Energy (MeV)

63-Eu-142

MAT 6298

63-Eu-142

(n,2n)
Radionuclide Production Cross Section



63-Eu-142

Incident Energy (MeV)

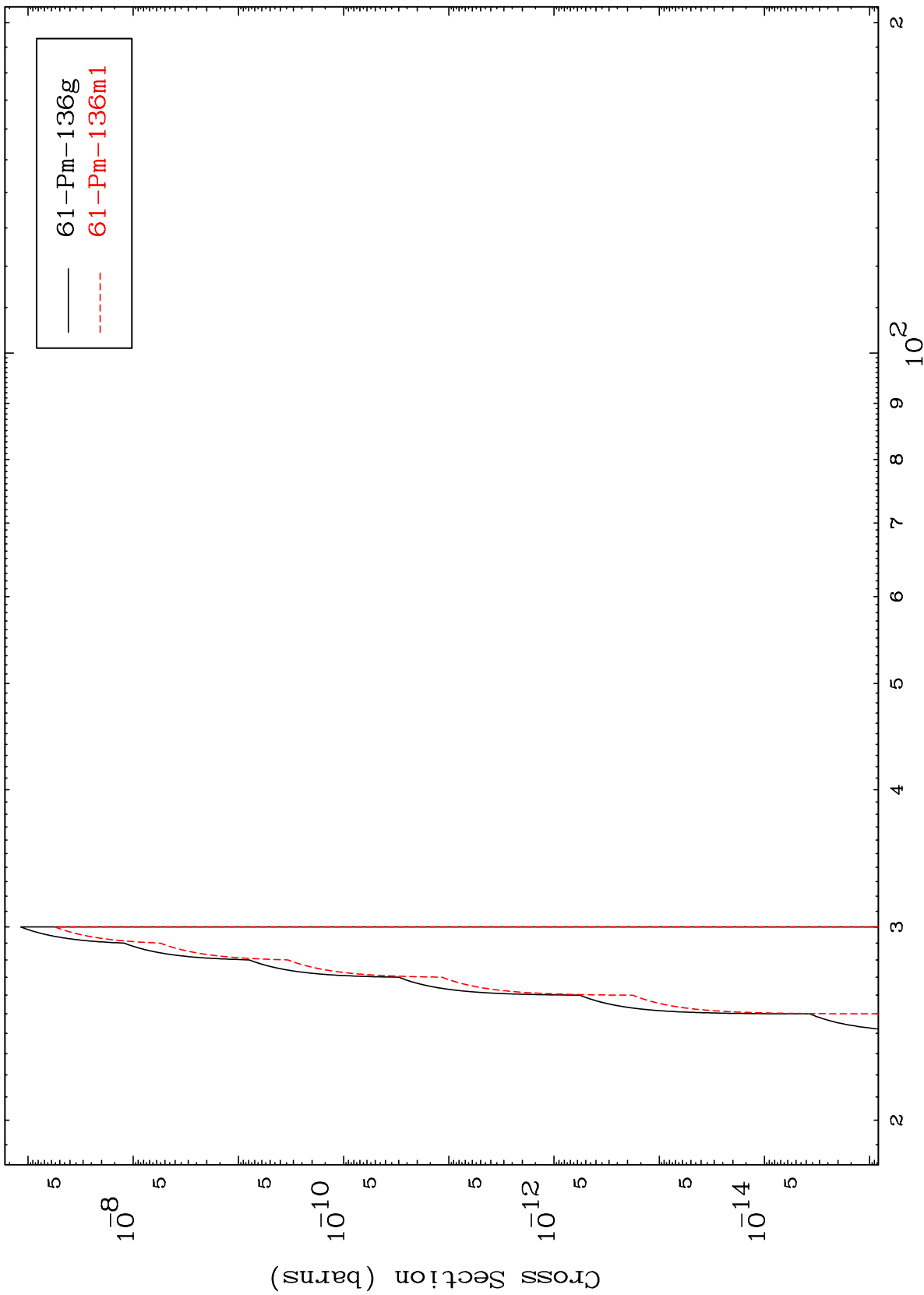
79

MAT 6298

(n,3n) α

63-Eu-142

Radionuclide Production Cross Section



80

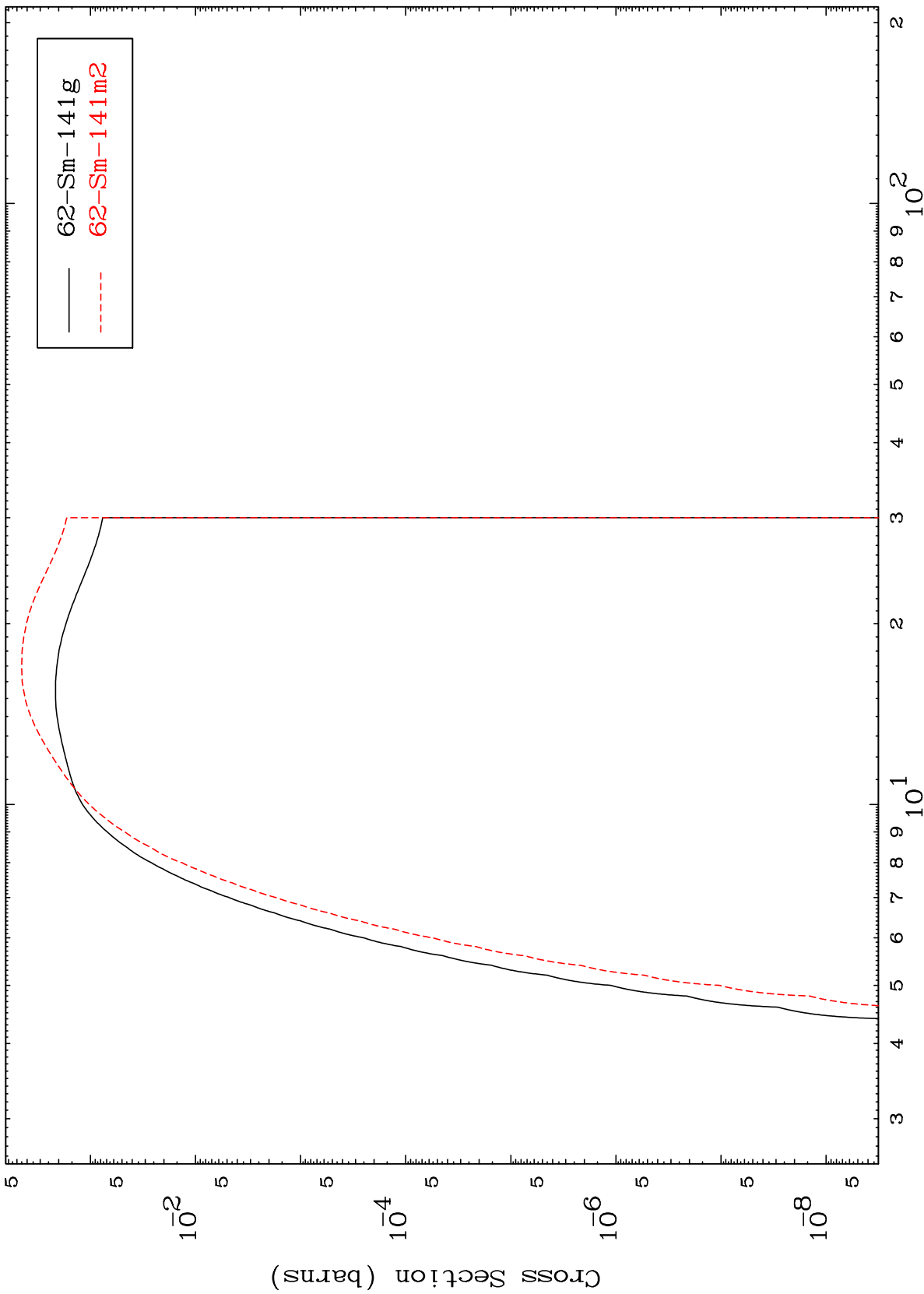
Incident Energy (MeV)

63-Eu-142

MAT 6298

63-Eu-142

(n, n') p
Radionuclide Production Cross Section



81

Incident Energy (MeV)

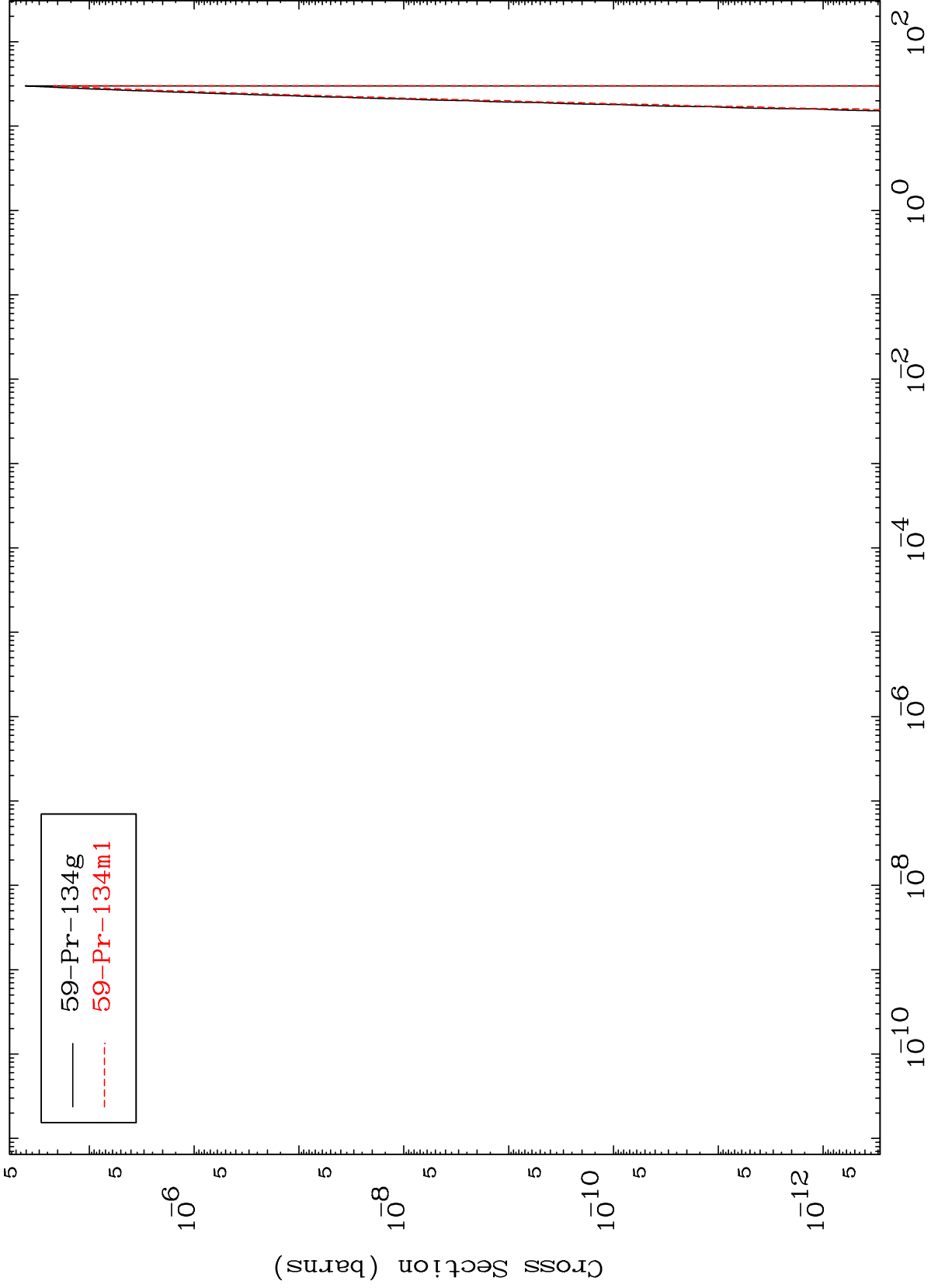
63-Eu-142

MAT 6298

(n,n') 2 α

63-Eu-142

Radionuclide Production Cross Section



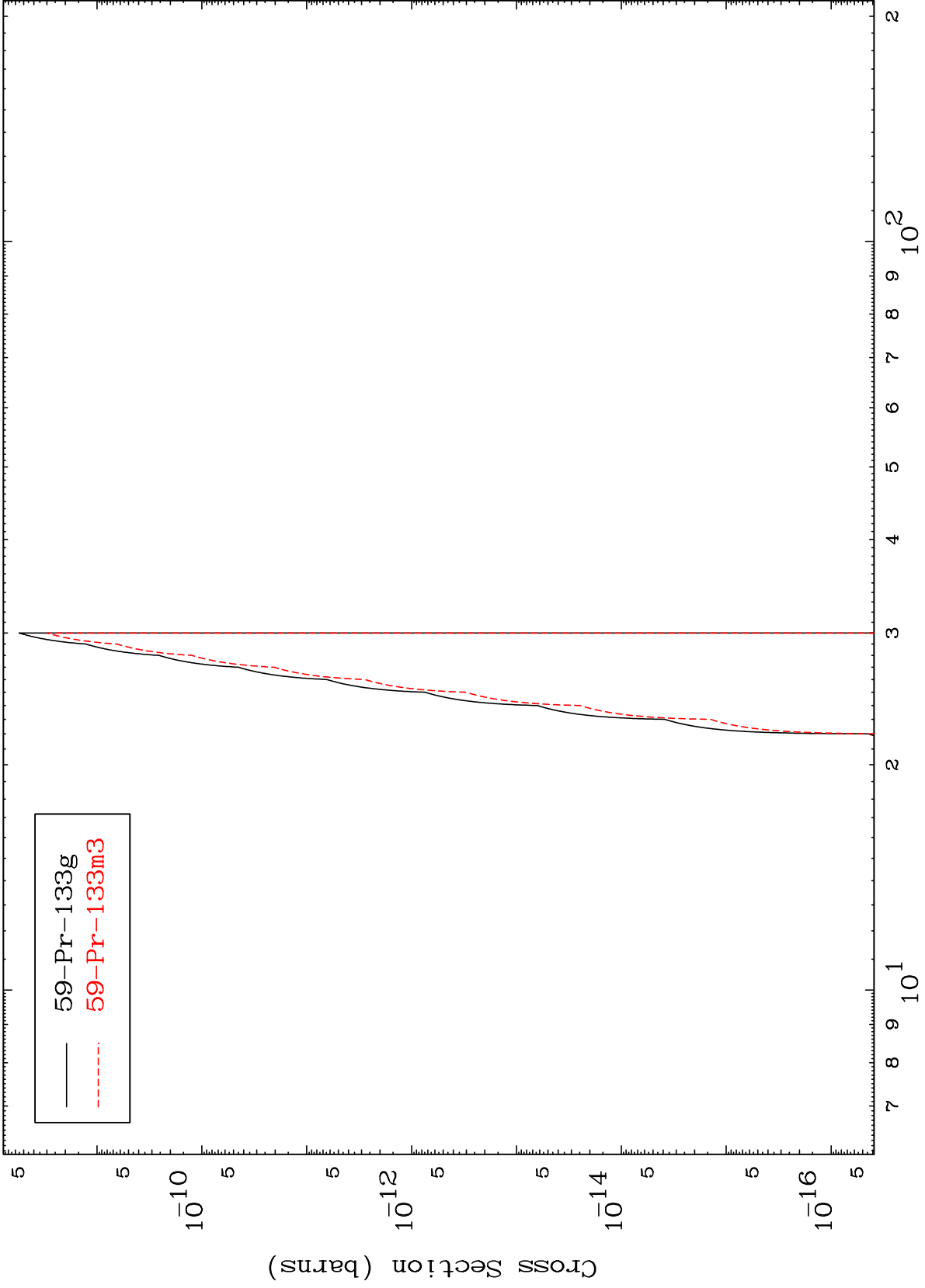
59-Pr-134g
59-Pr-134m1

MAT 6298

$(n,2n) 2\alpha$

63-Eu-142

Radionuclide Production Cross Section



59-Pr-133g
59-Pr-133m3

83

Incident Energy (MeV)

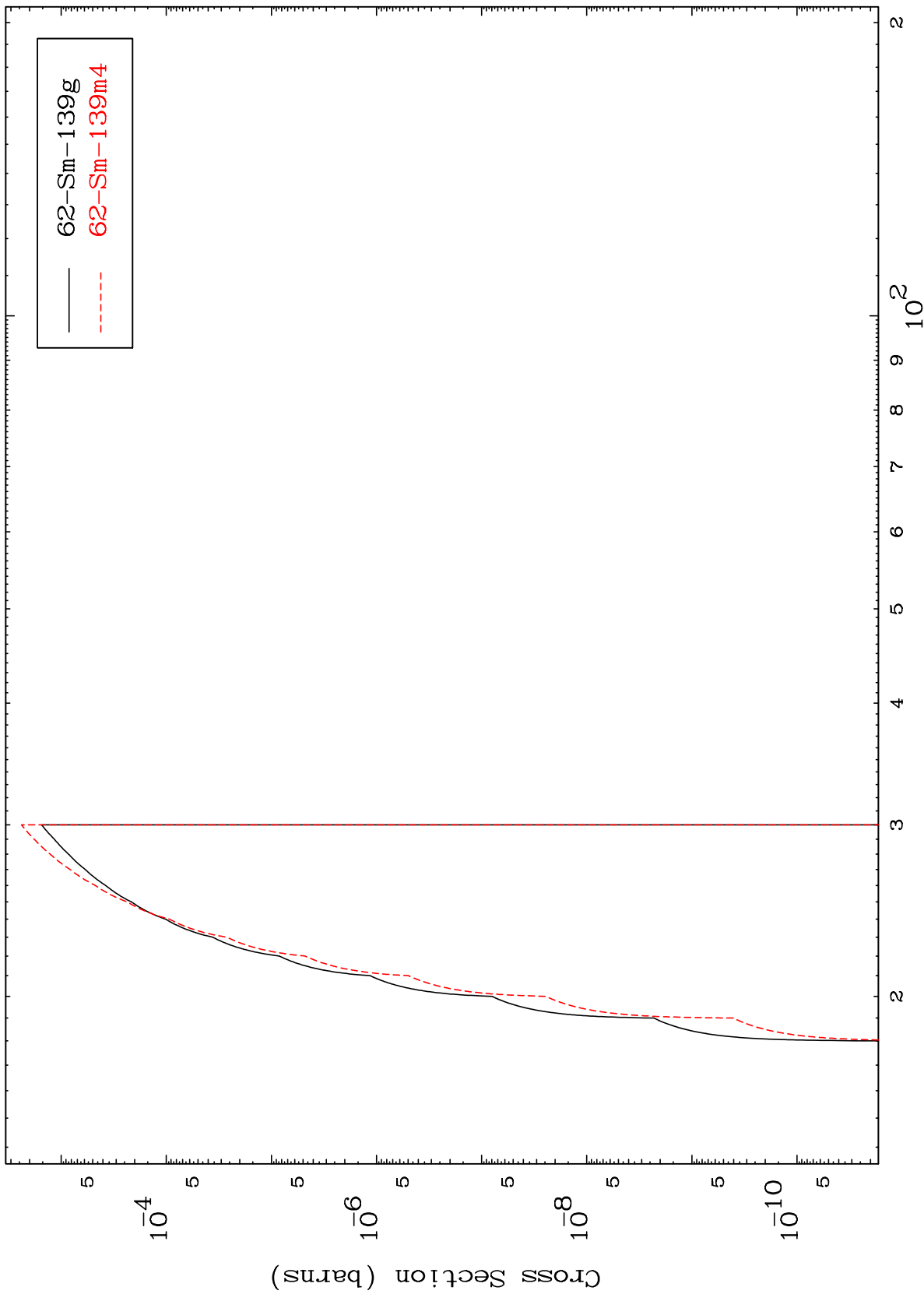
63-Eu-142

MAT 6298

(n,n') t

63-Eu-142

Radionuclide Production Cross Section



84

Incident Energy (MeV)

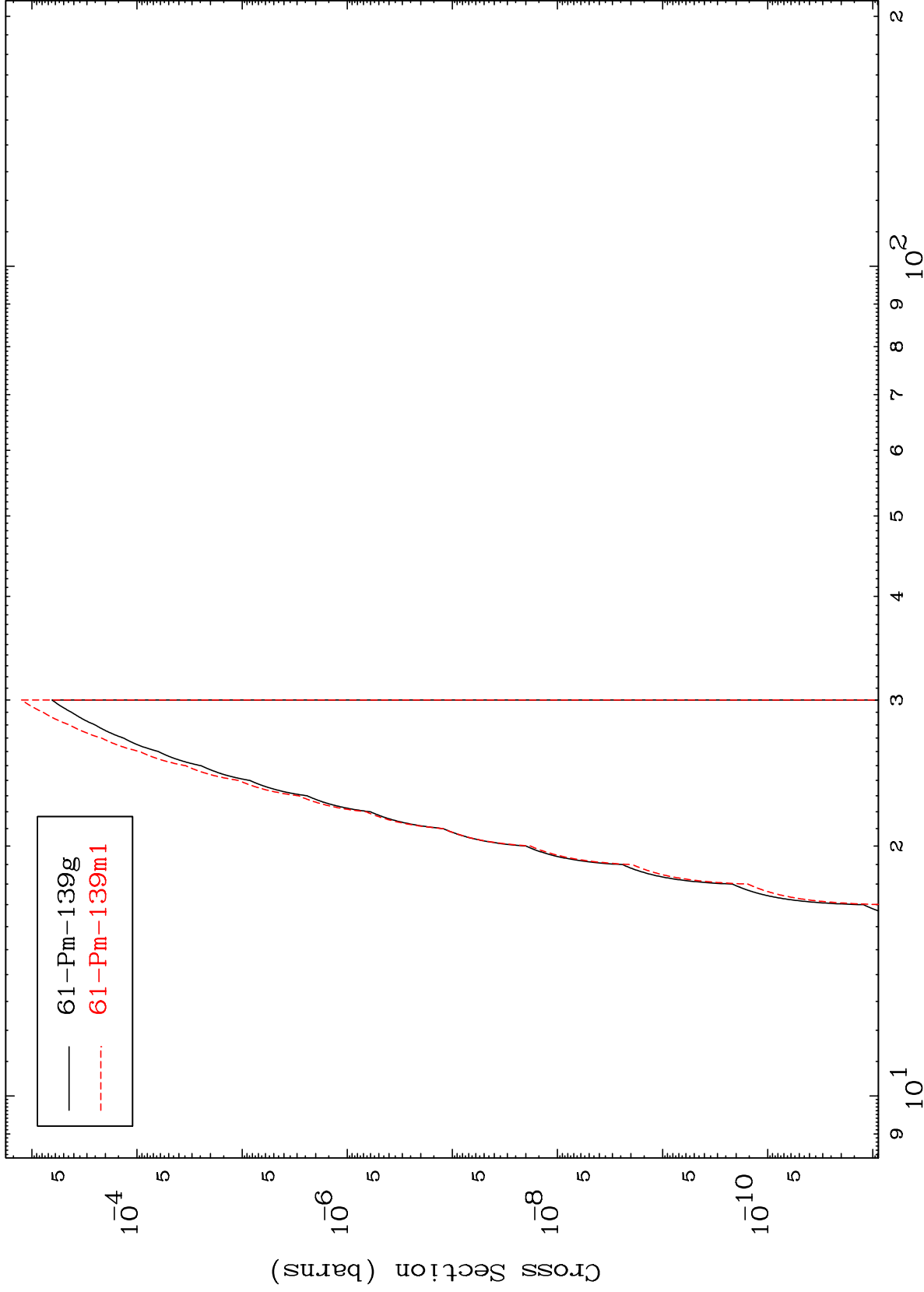
63-Eu-142

MAT 6298

(n,n') He-3

63-Eu-142

Radionuclide Production Cross Section

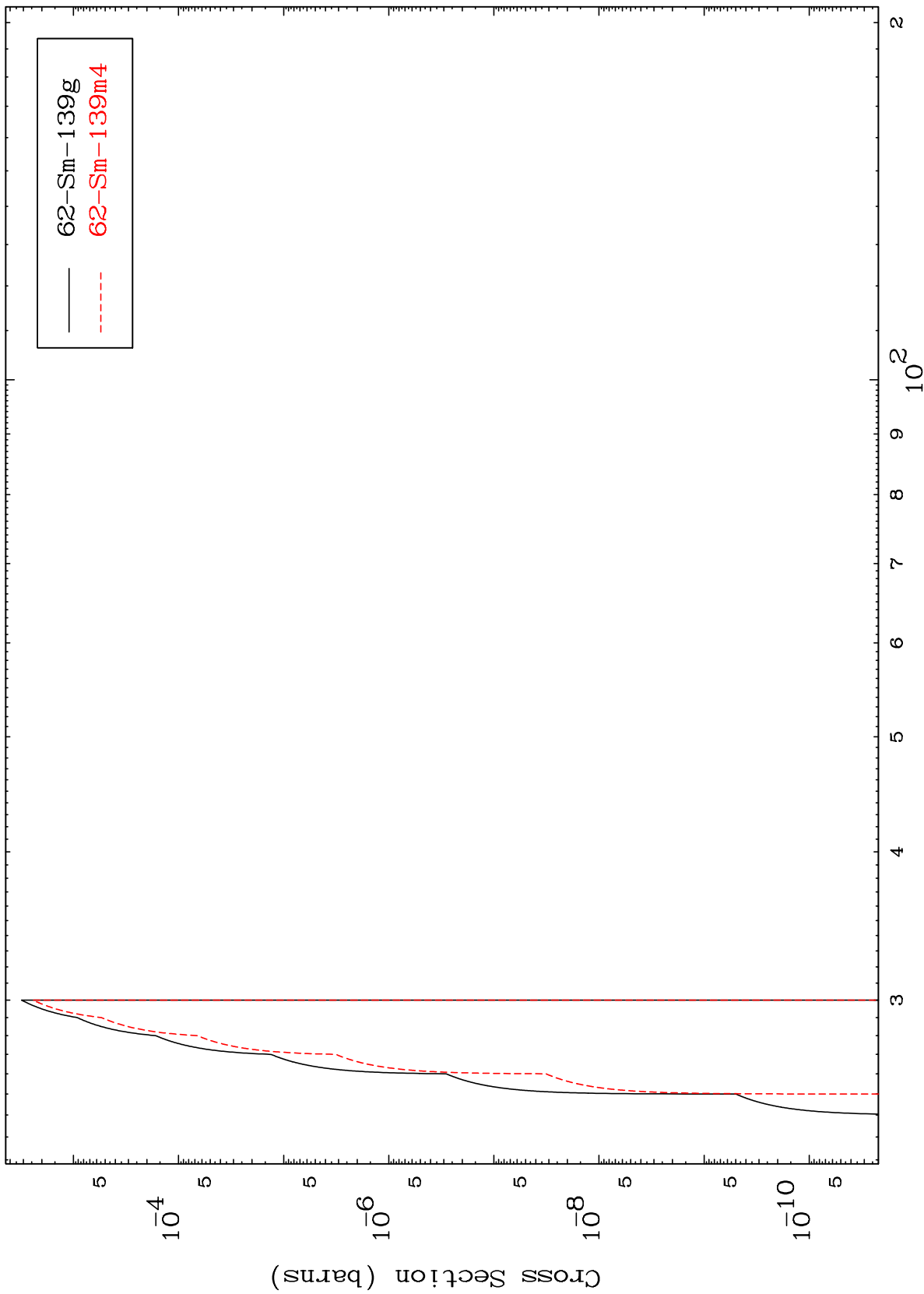


85

Incident Energy (MeV)

63-Eu-142

Radionuclide Production Cross Section

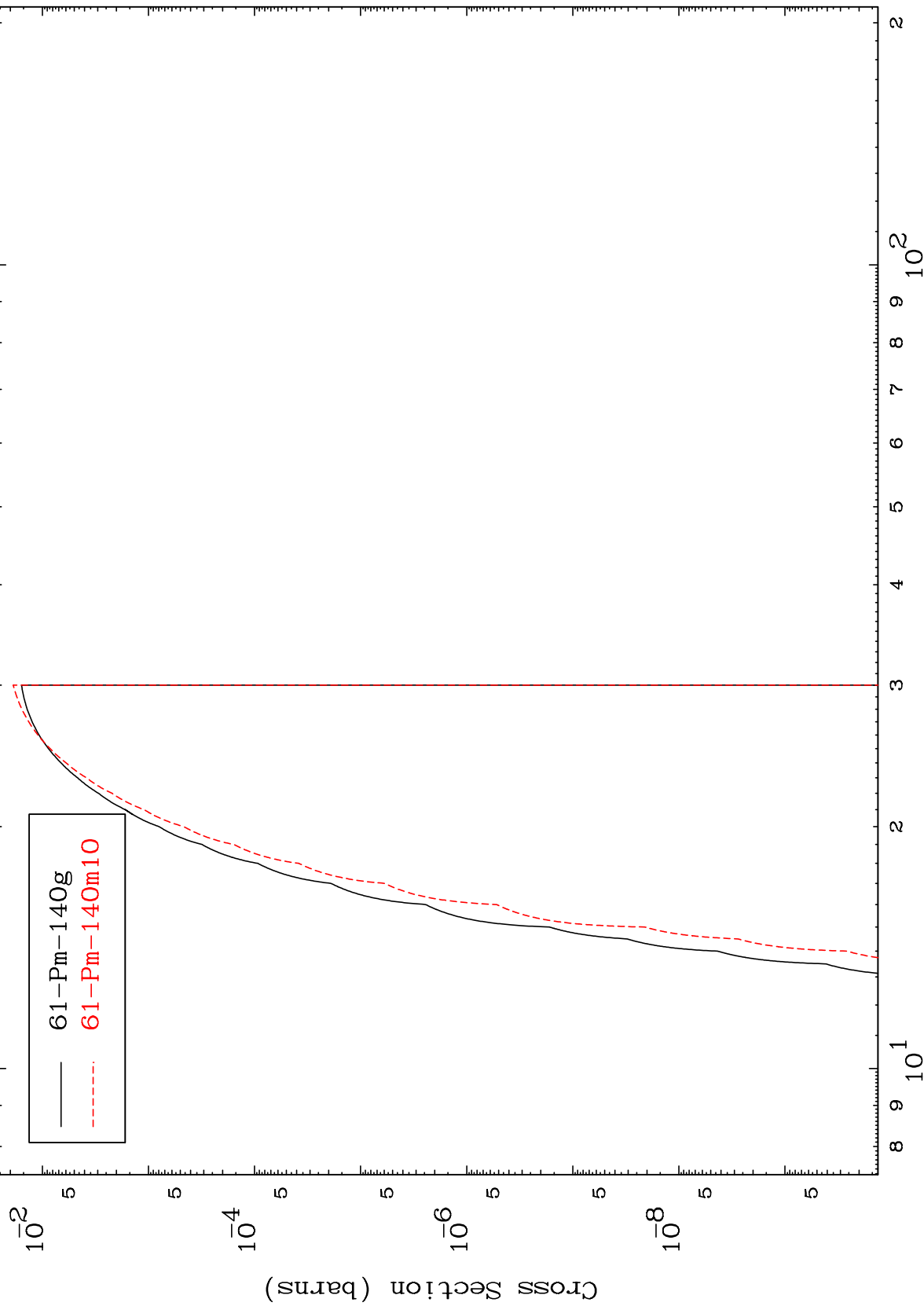


MAT 6298

(n,2n) p

63-Eu-142

Radionuclide Production Cross Section



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

87

Incident Energy (MeV)

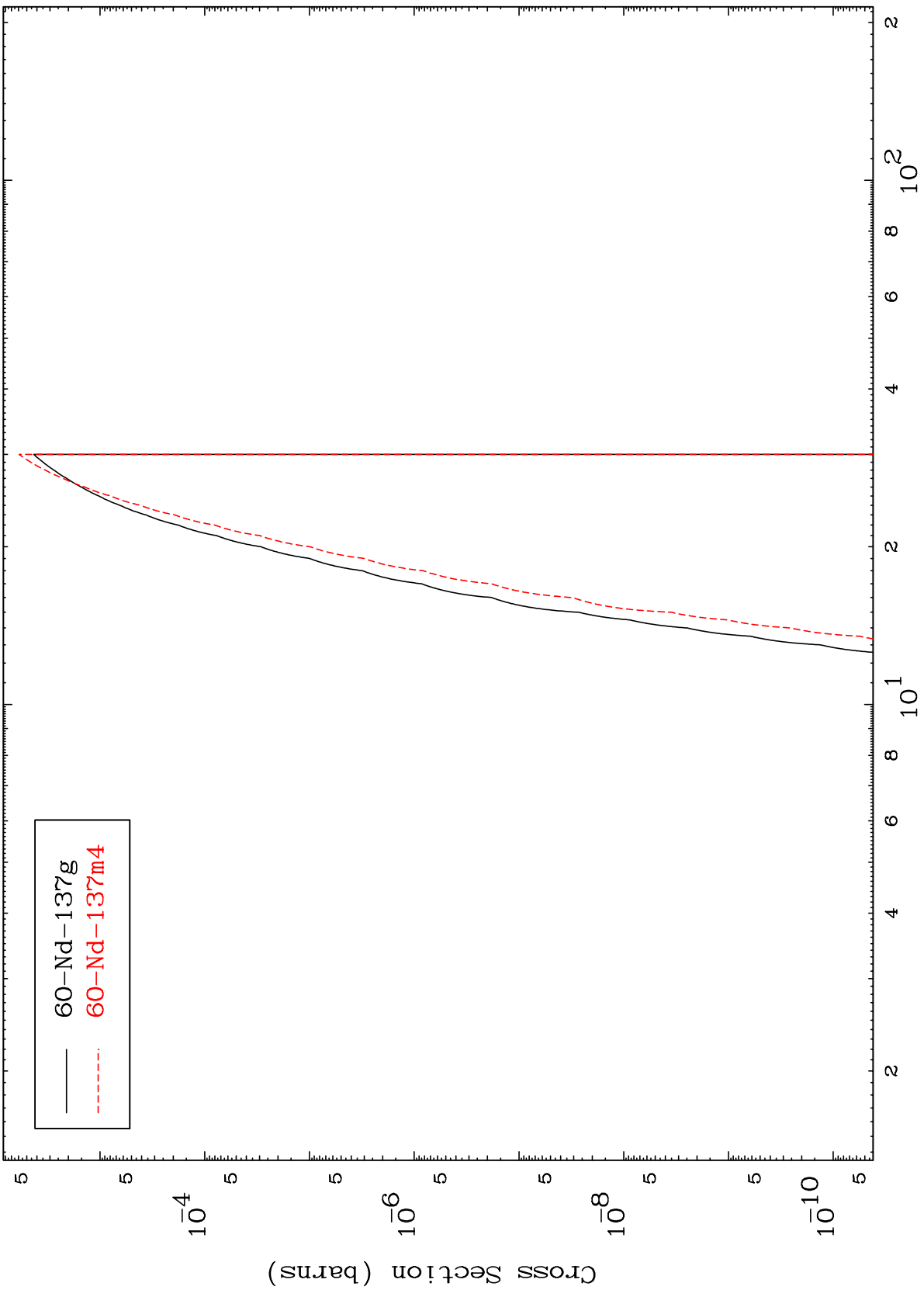
63-Eu-142

MAT 6298

(n,n') p α

63-Eu-142

Radionuclide Production Cross Section



88

Incident Energy (MeV)

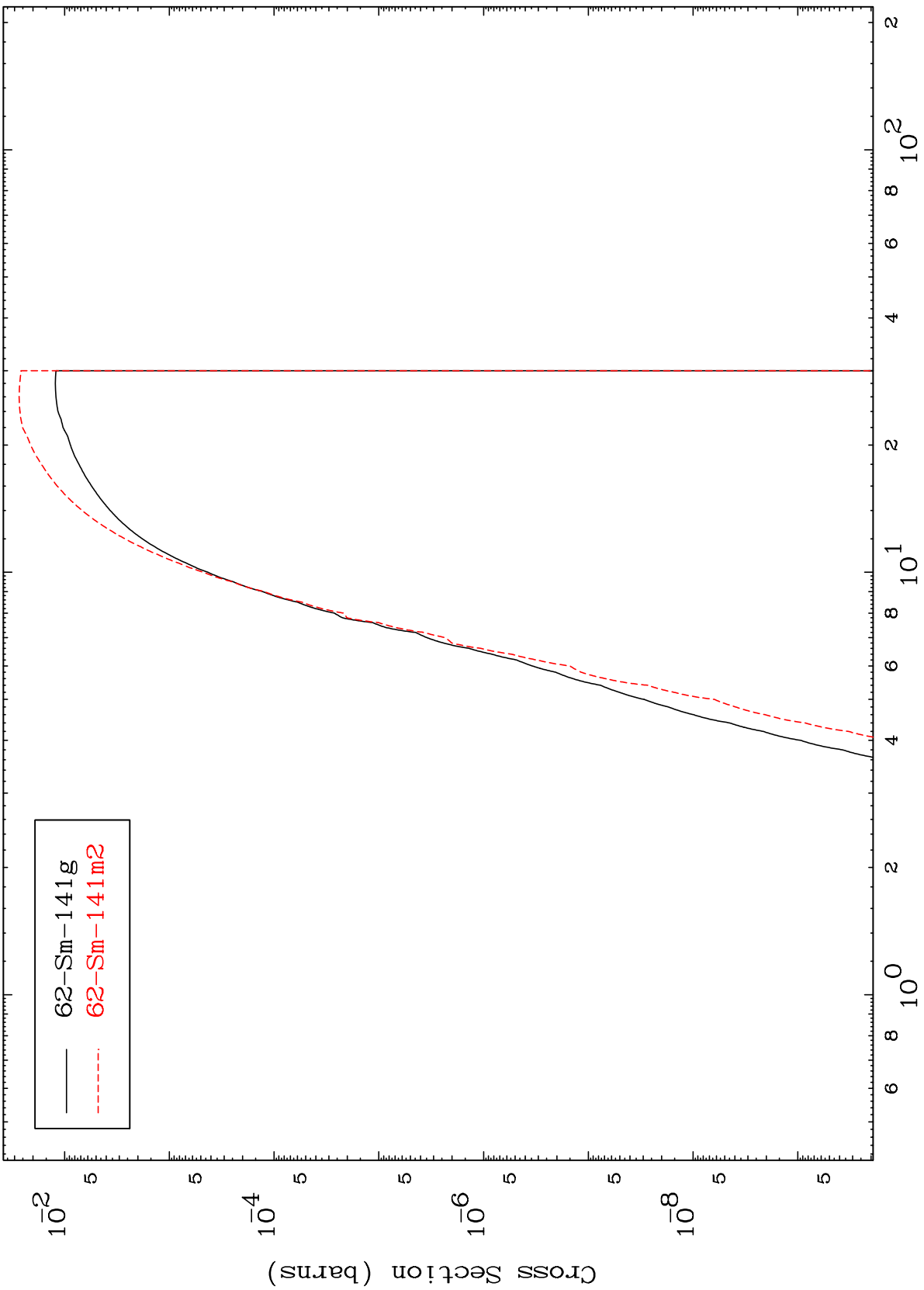
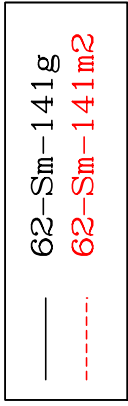
63-Eu-142

MAT 6298

(n,d)

63-Eu-142

Radionuclide Production Cross Section



89

Incident Energy (MeV)

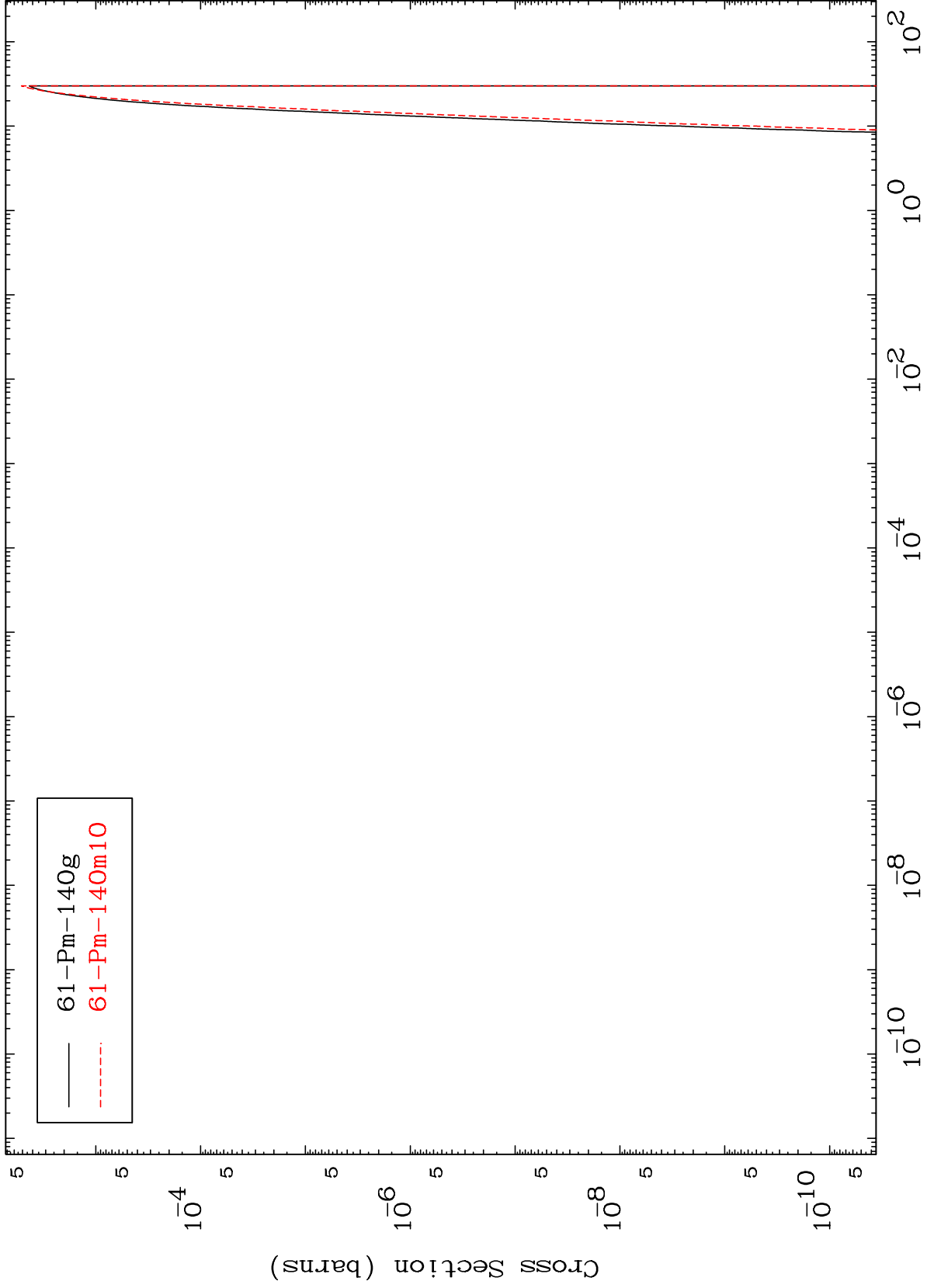
63-Eu-142

MAT 6298

(n,He-3)

63-Eu-142

Radionuclide Production Cross Section



90

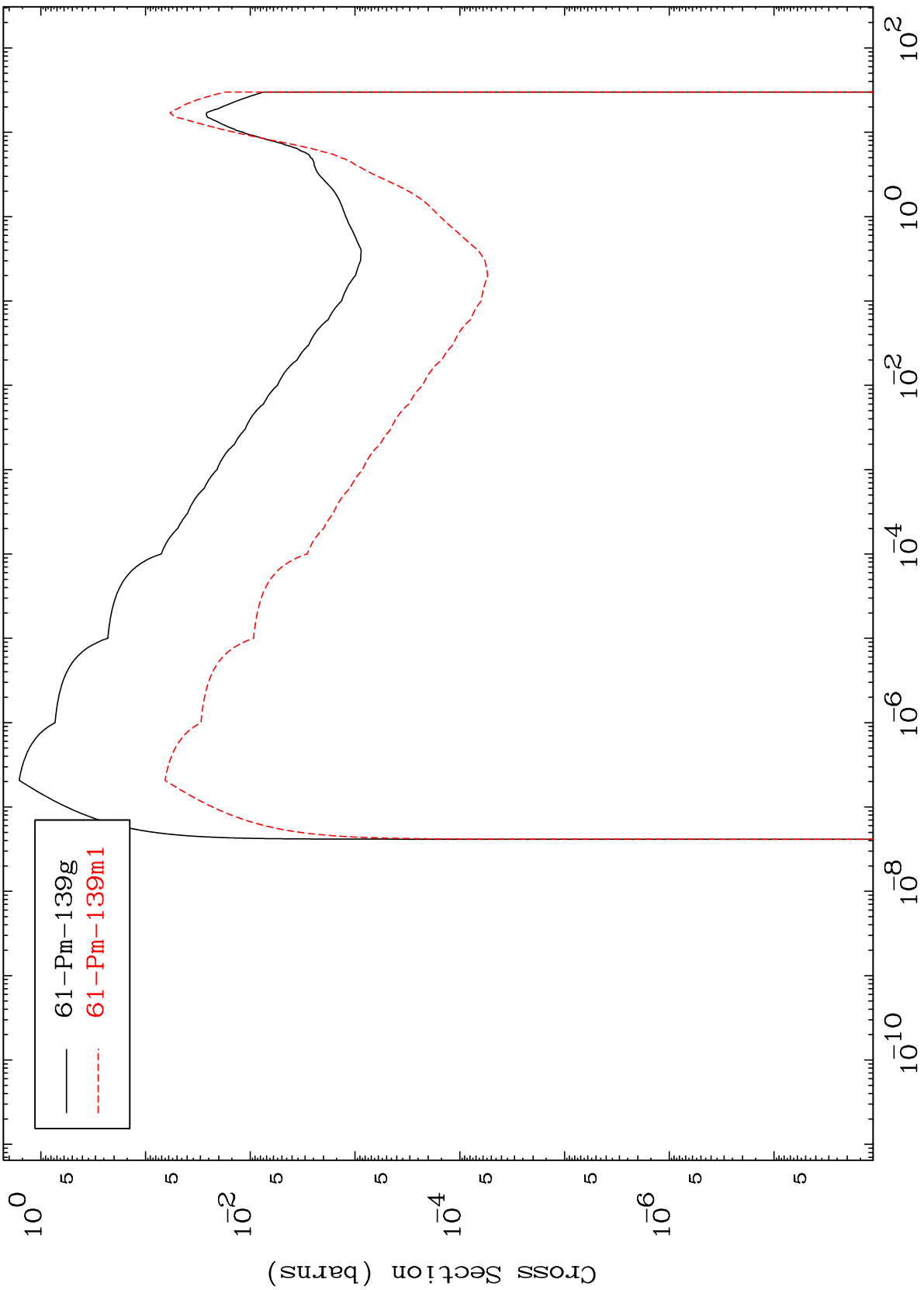
Incident Energy (MeV)

63-Eu-142

MAT 6298

63-Eu-142

Radionuclide Production Cross Section (n, α)



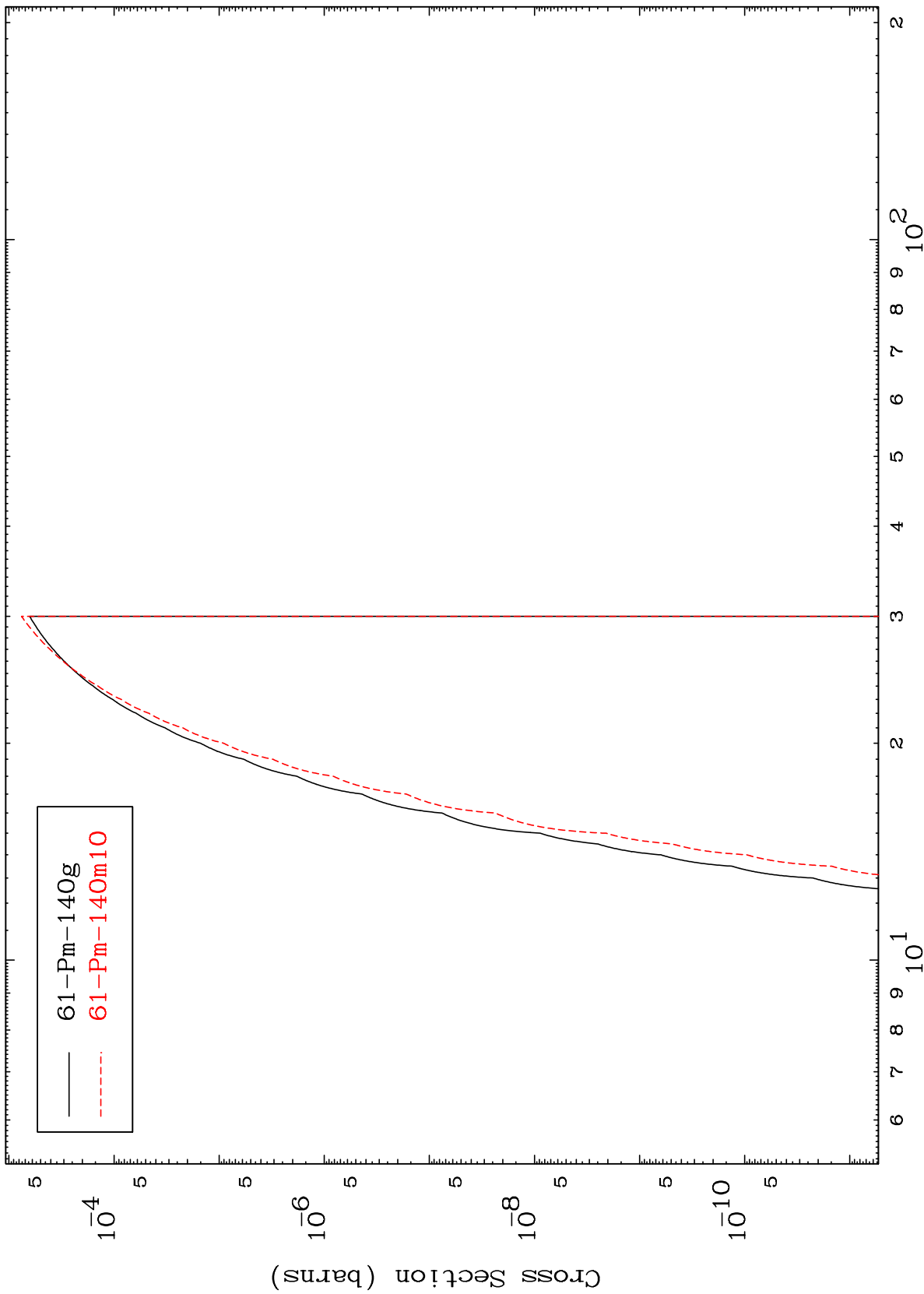
61-Pm-139g
61-Pm-139m1

MAT 6298

(n,p) d

63-Eu-142

Radionuclide Production Cross Section



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

92

Incident Energy (MeV)

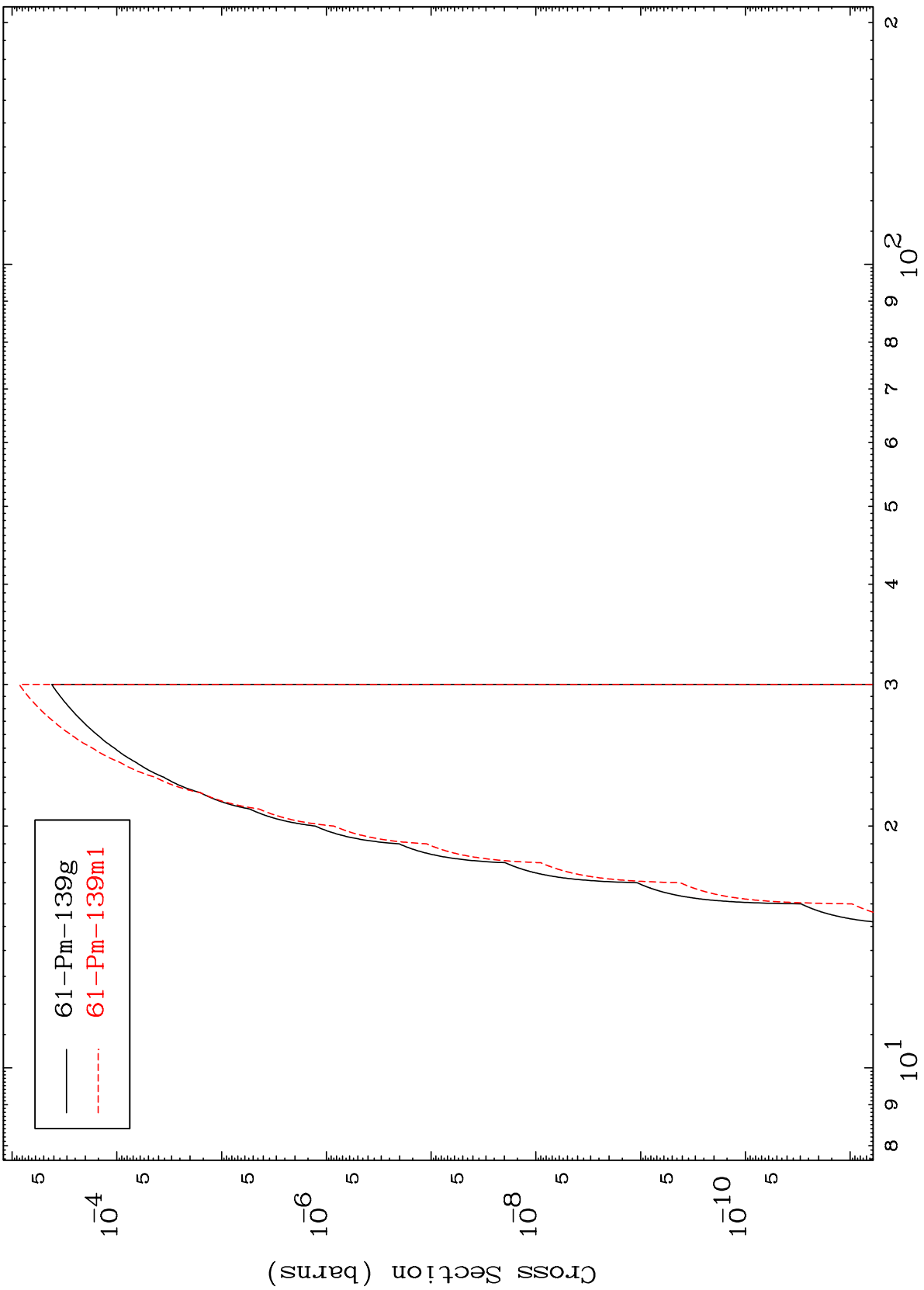
63-Eu-142

MAT 6298

(n,p) t

63-Eu-142

Radionuclide Production Cross Section



61-Pm-139g
61-Pm-139m1

93

Incident Energy (MeV)

63-Eu-142

MAT 6298

(n,d) α

$^{63}\text{Eu}-142$

Radionuclide Production Cross Section

