

Program EVALPLOT  
(Version 2021-1)

by

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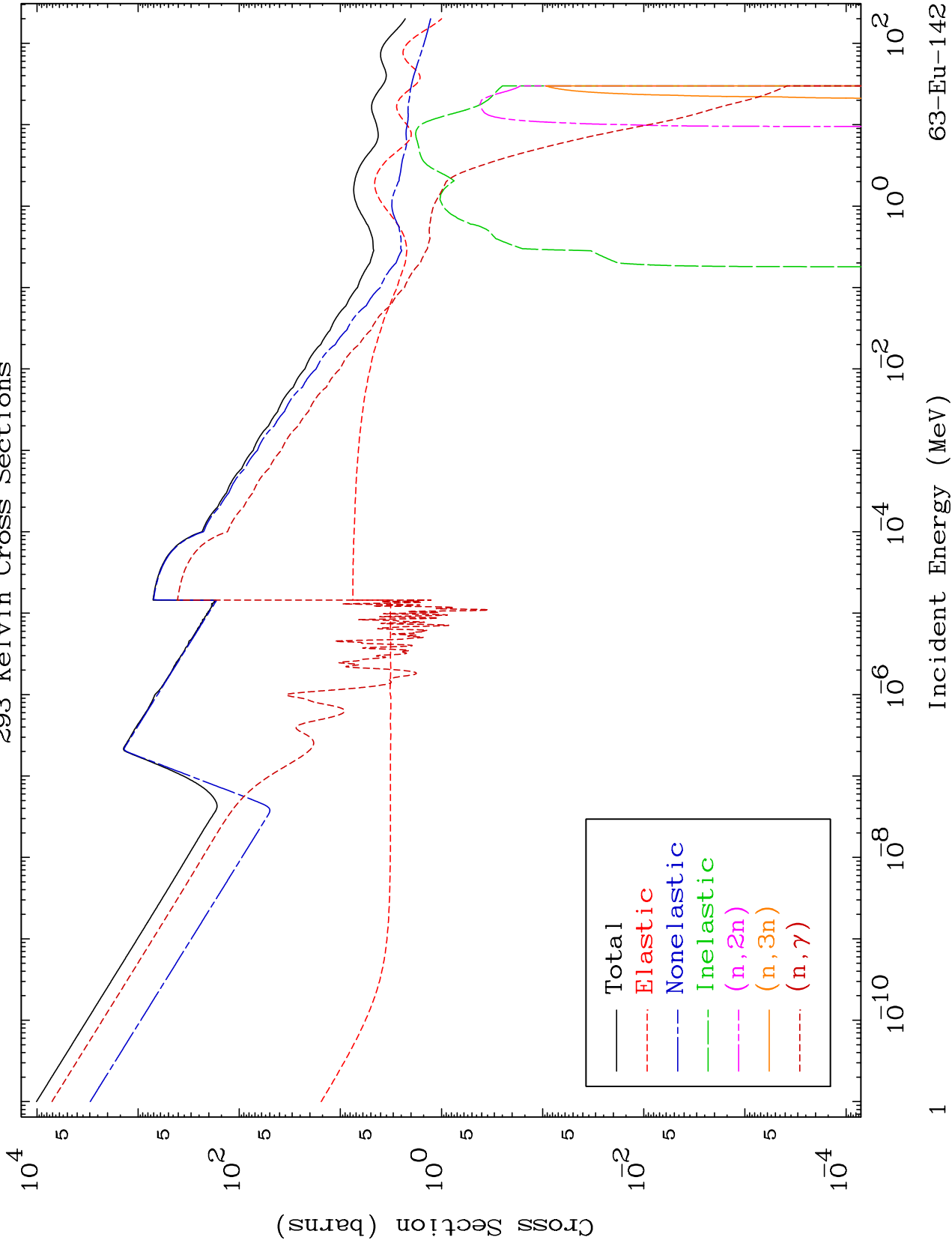
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Press Mouse Button to Start

MAT 6298

Neutron Major  
293 Kelvin Cross Sections

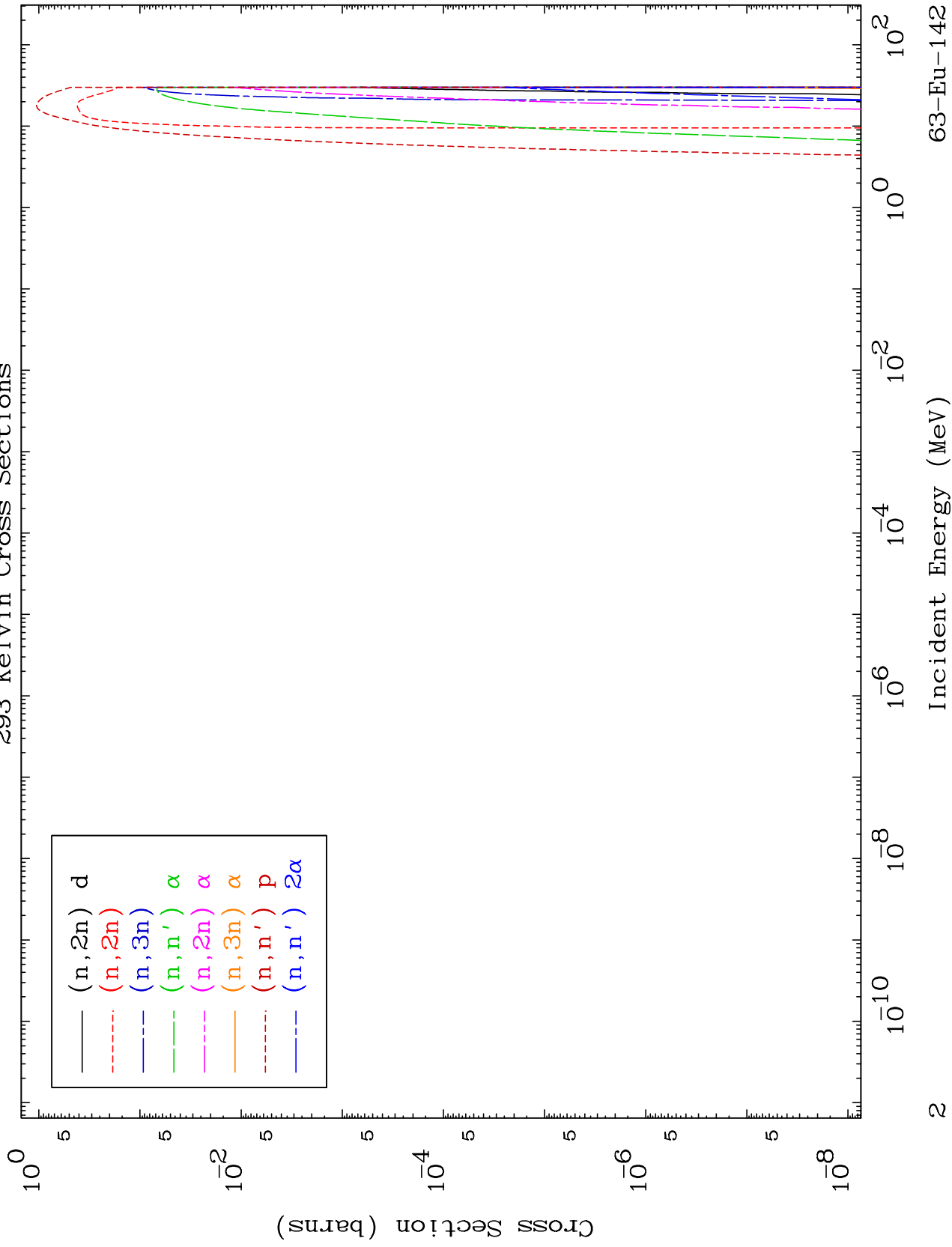
63-Eu-142

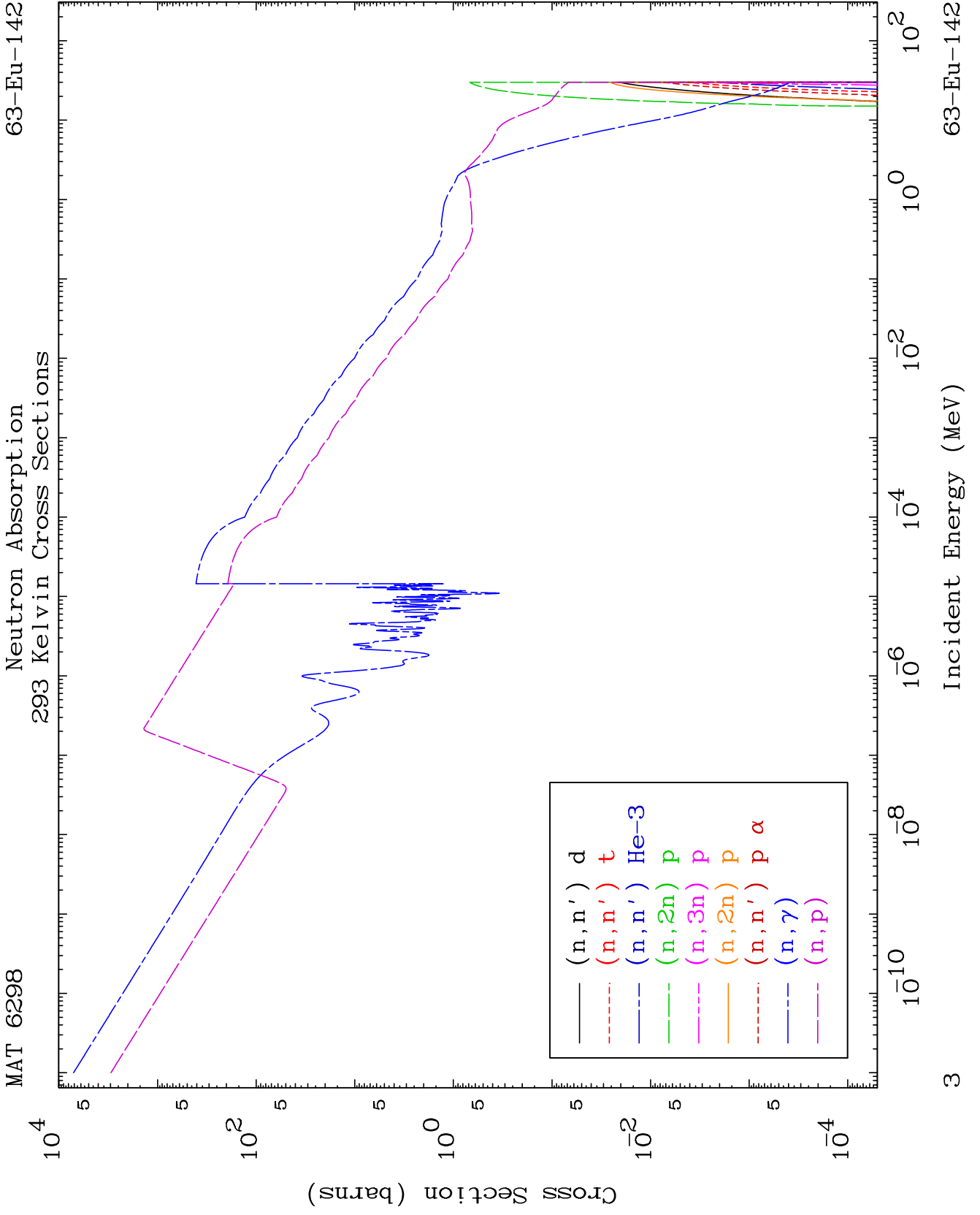


MAT 6298

Neutron Absorption  
293 Kelvin Cross Sections

63-Eu-142

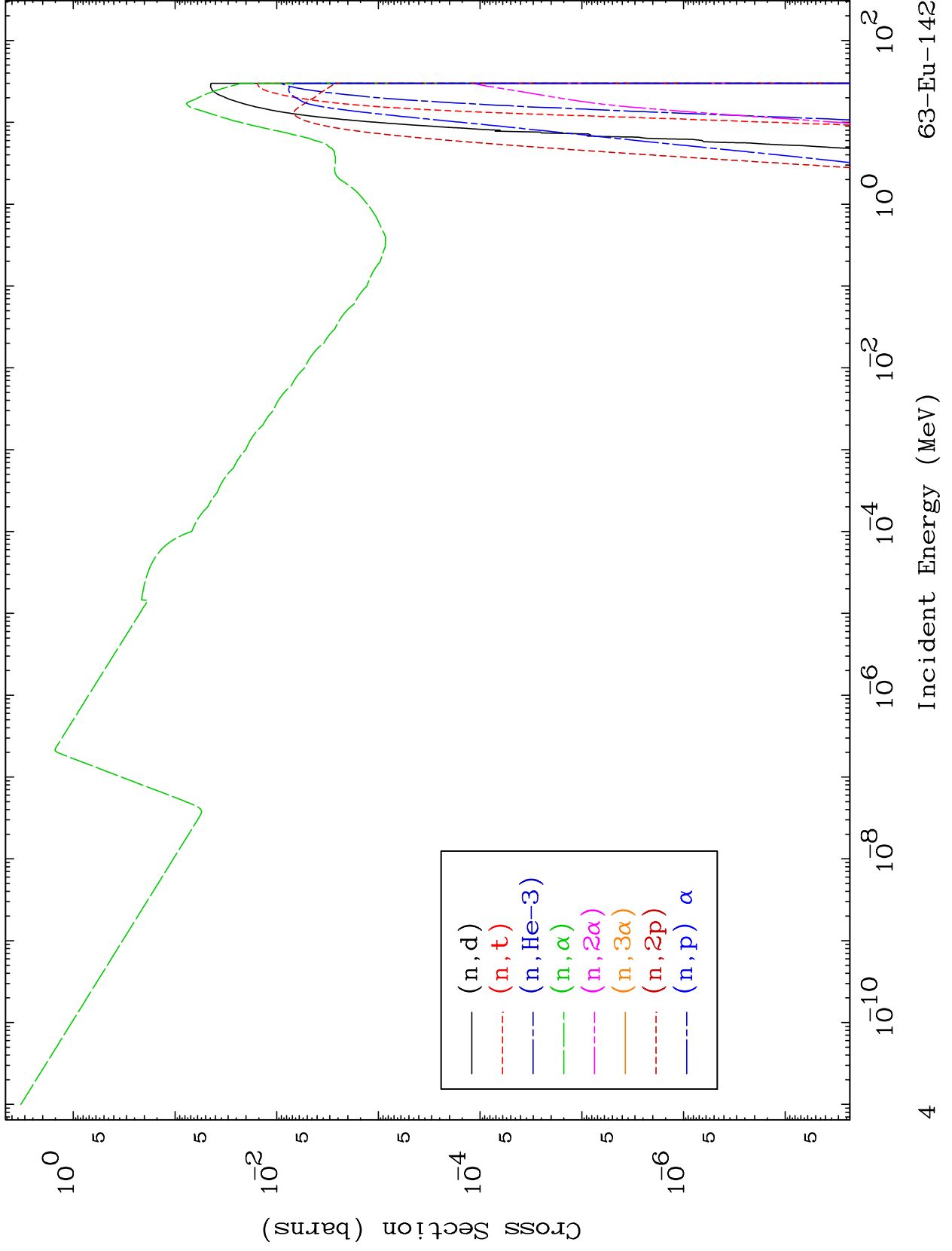


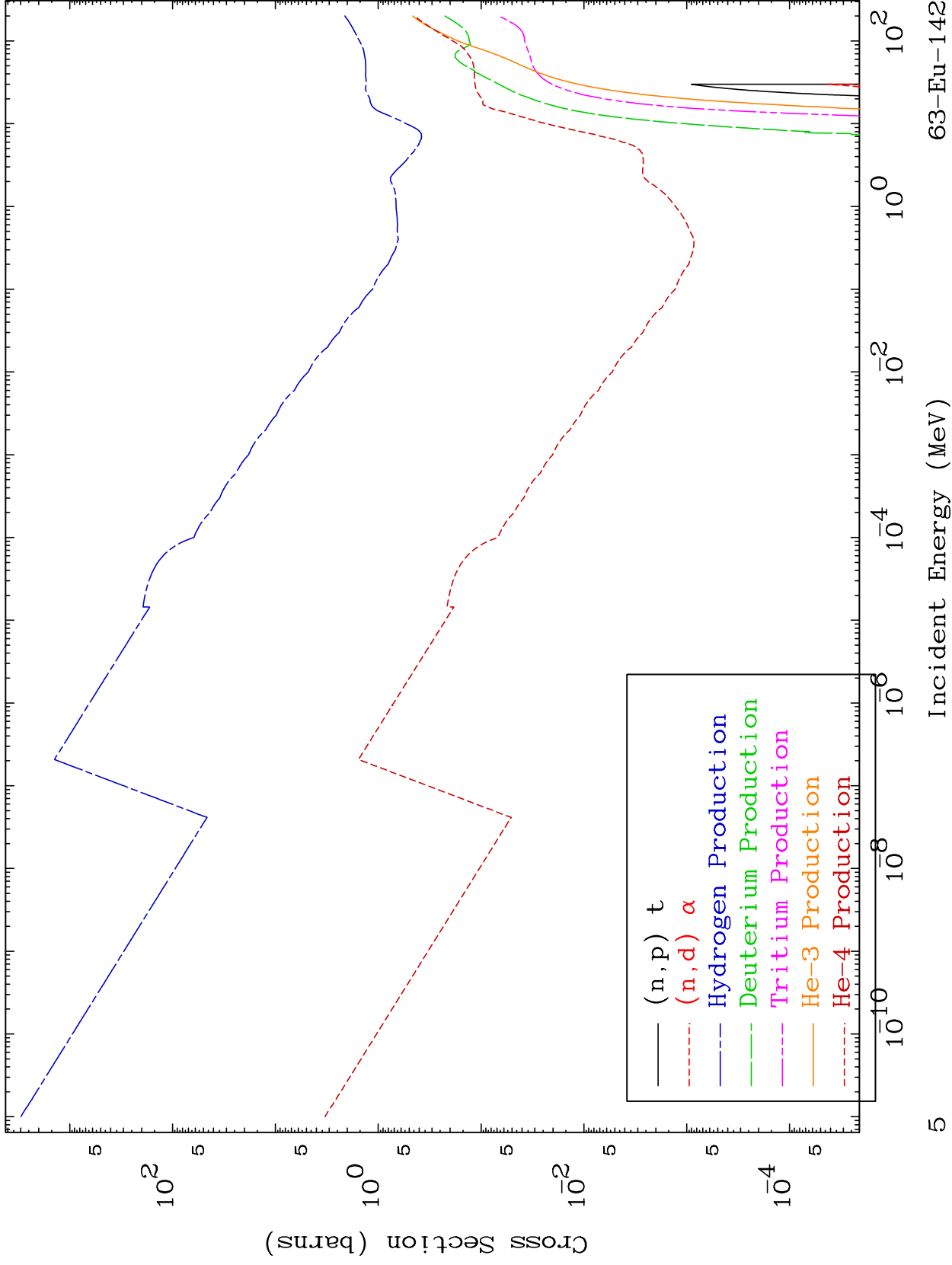


MAT 6298

Neutron Absorption  
293 Kelvin Cross Sections

63-Eu-142

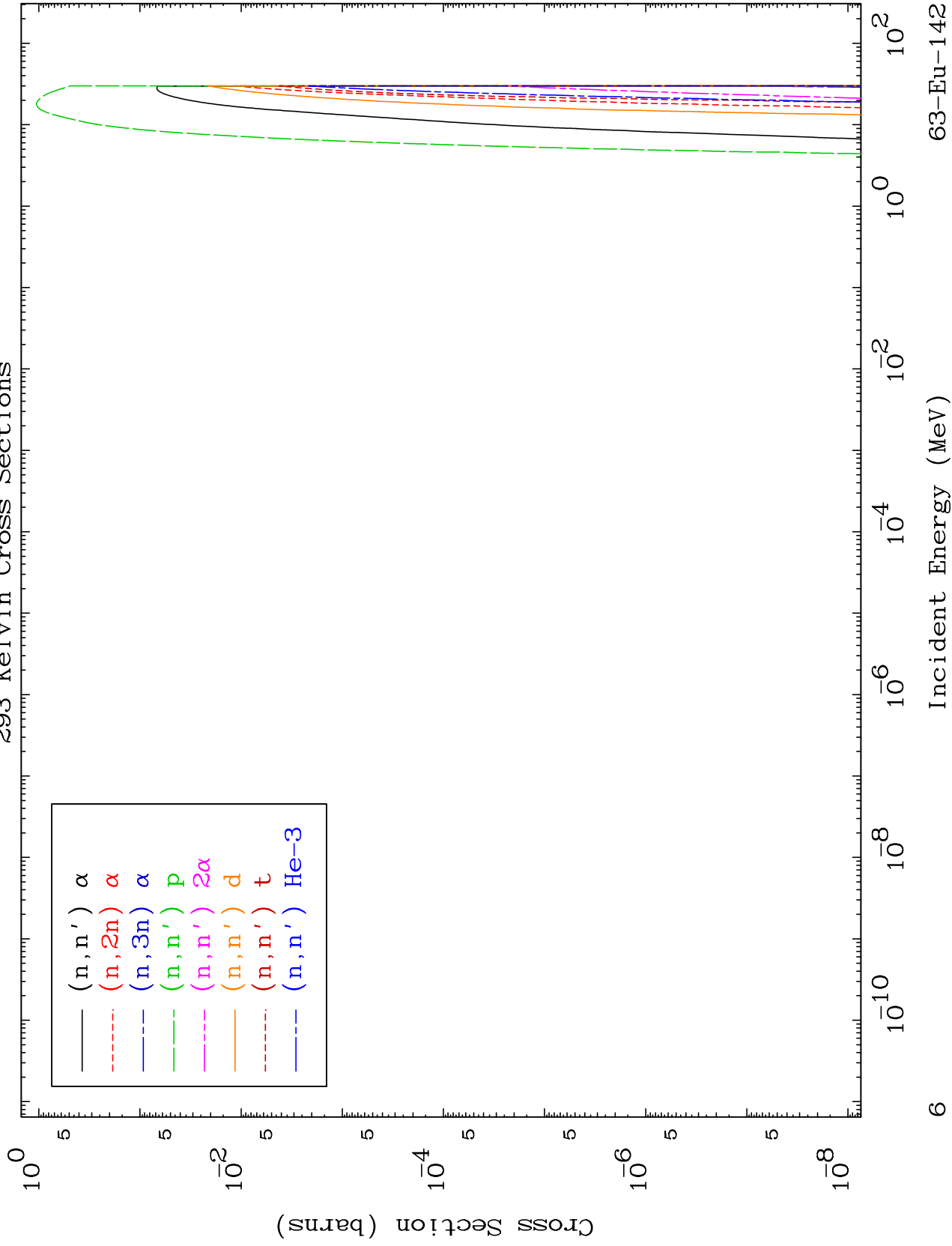




MAT 6298

Charged Particle  
293 Kelvin Cross Sections

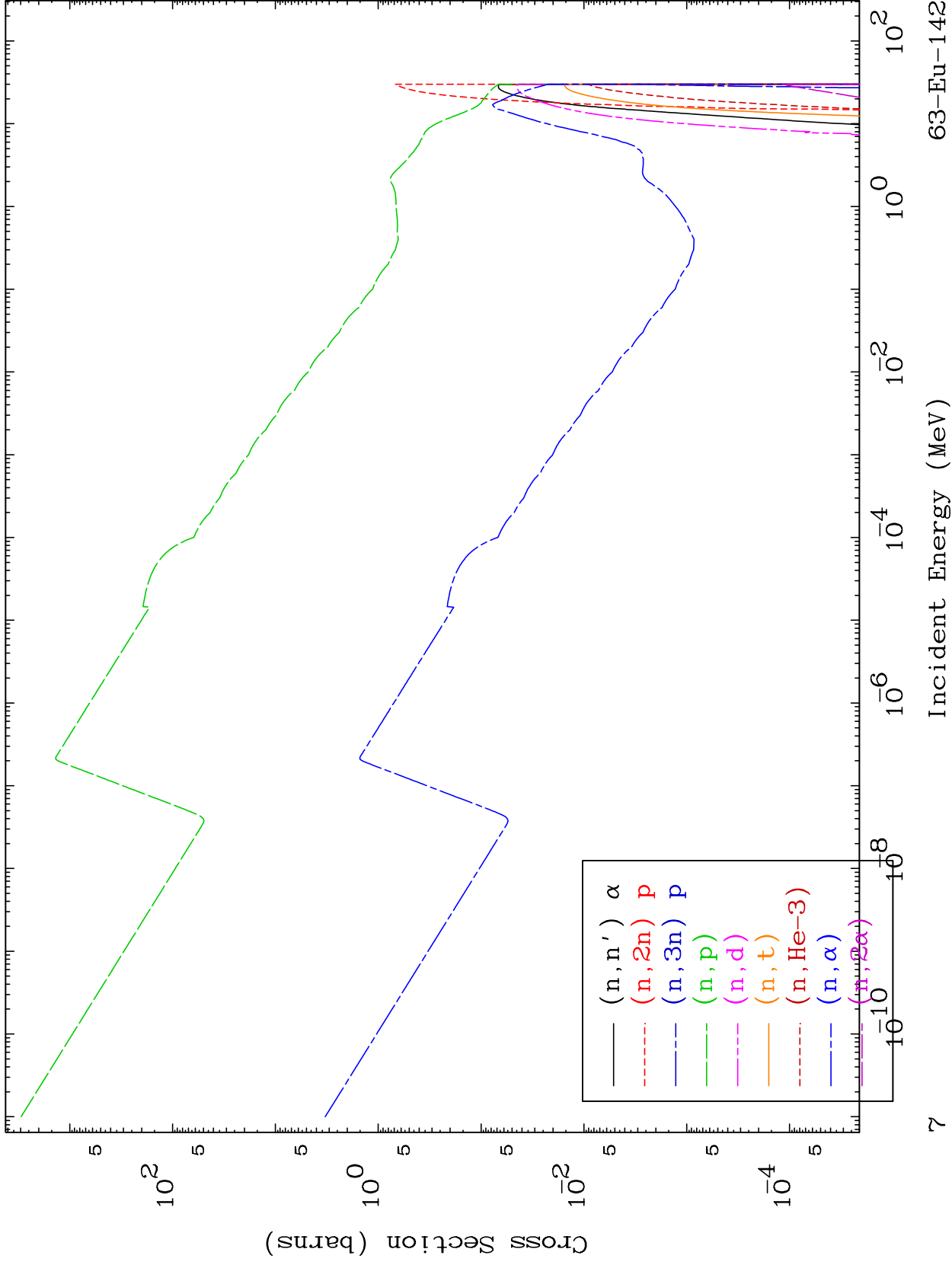
63-Eu-142



MAT 6298

Charged Particle  
293 Kelvin Cross Sections

63-Eu-142

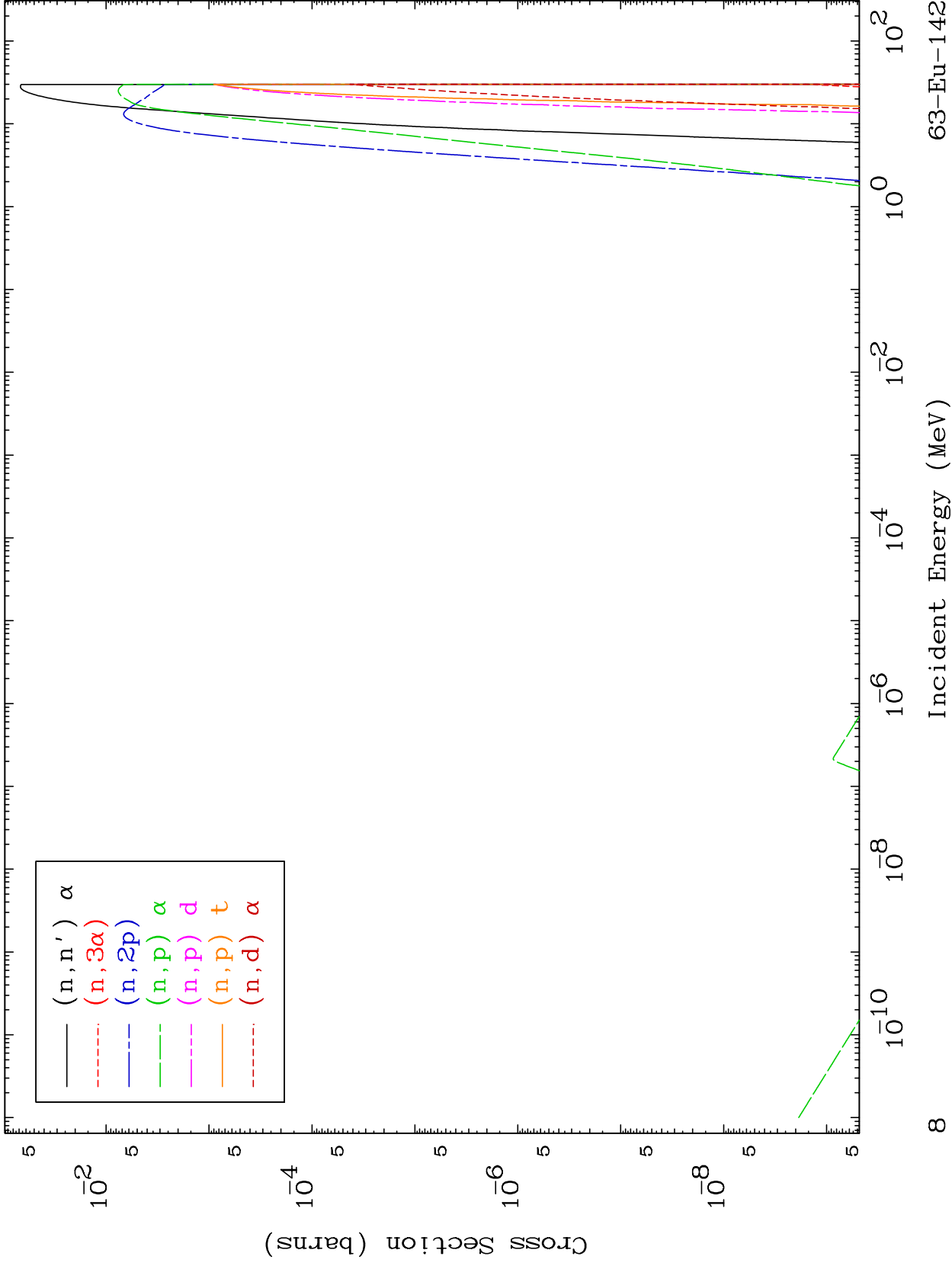


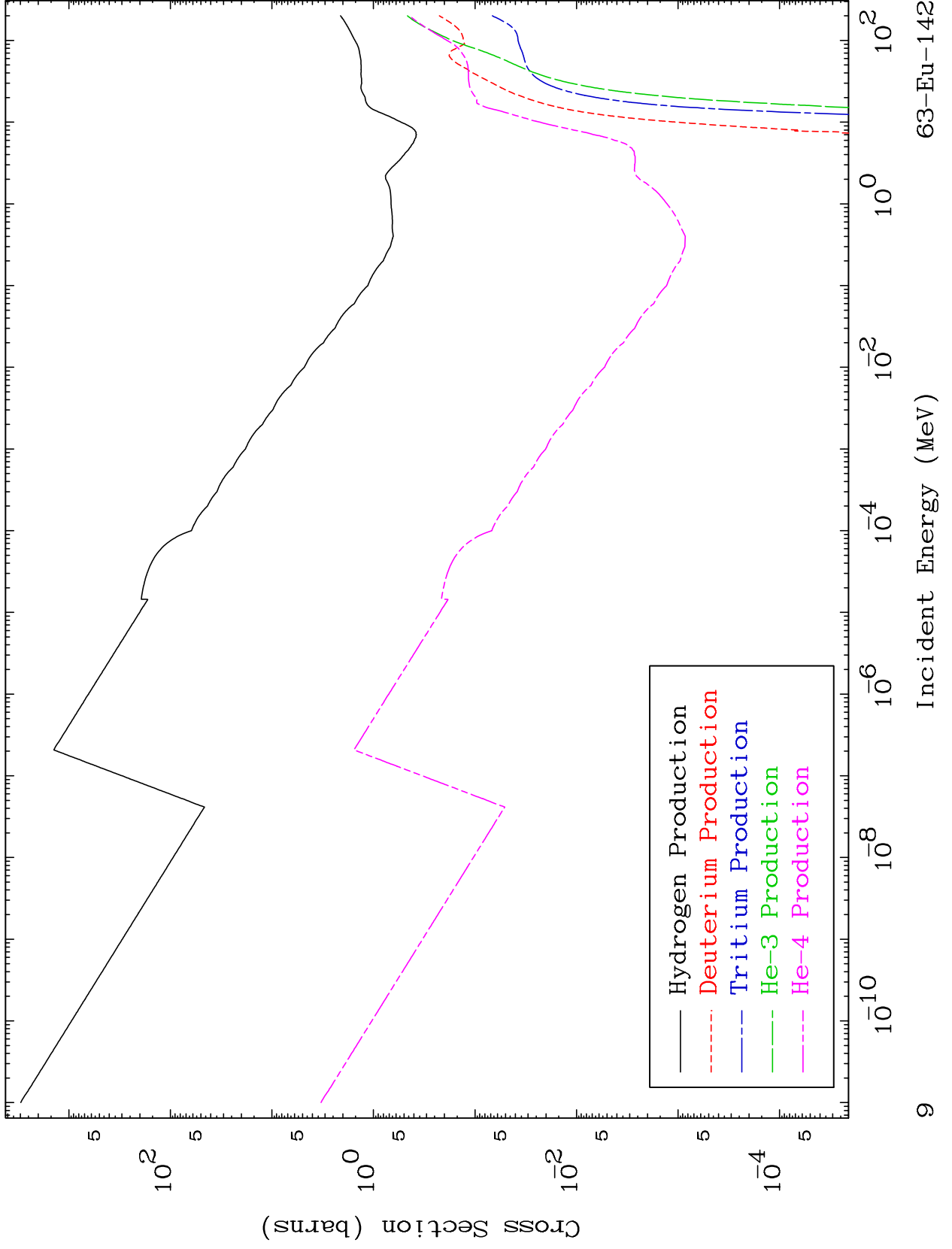


MAT 6298

Charged Particle  
293 Kelvin Cross Sections

63-Eu-142

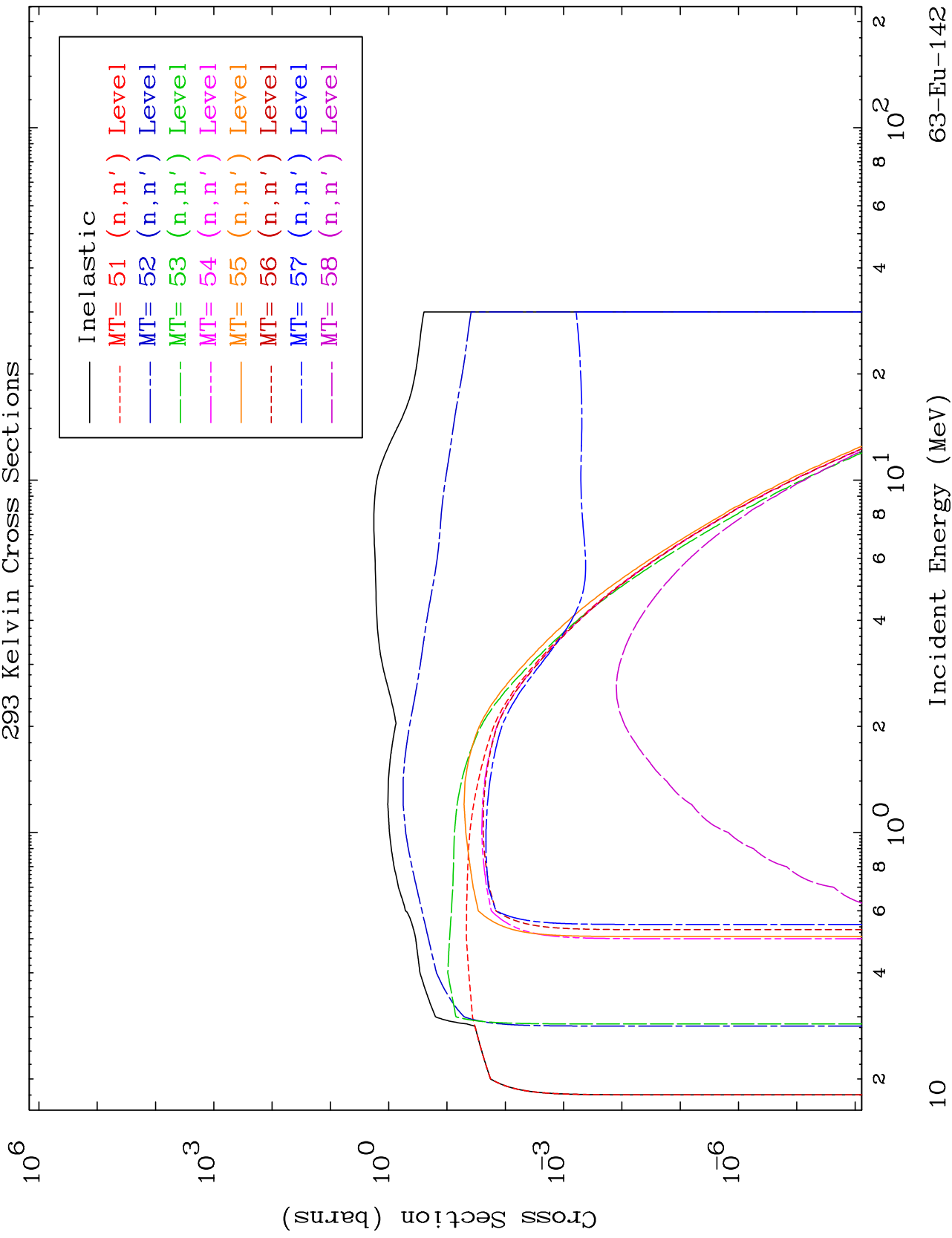




MAT 6298

63-Eu-142

(n,n') Levels  
293 Kelvin Cross Sections



63-Eu-142

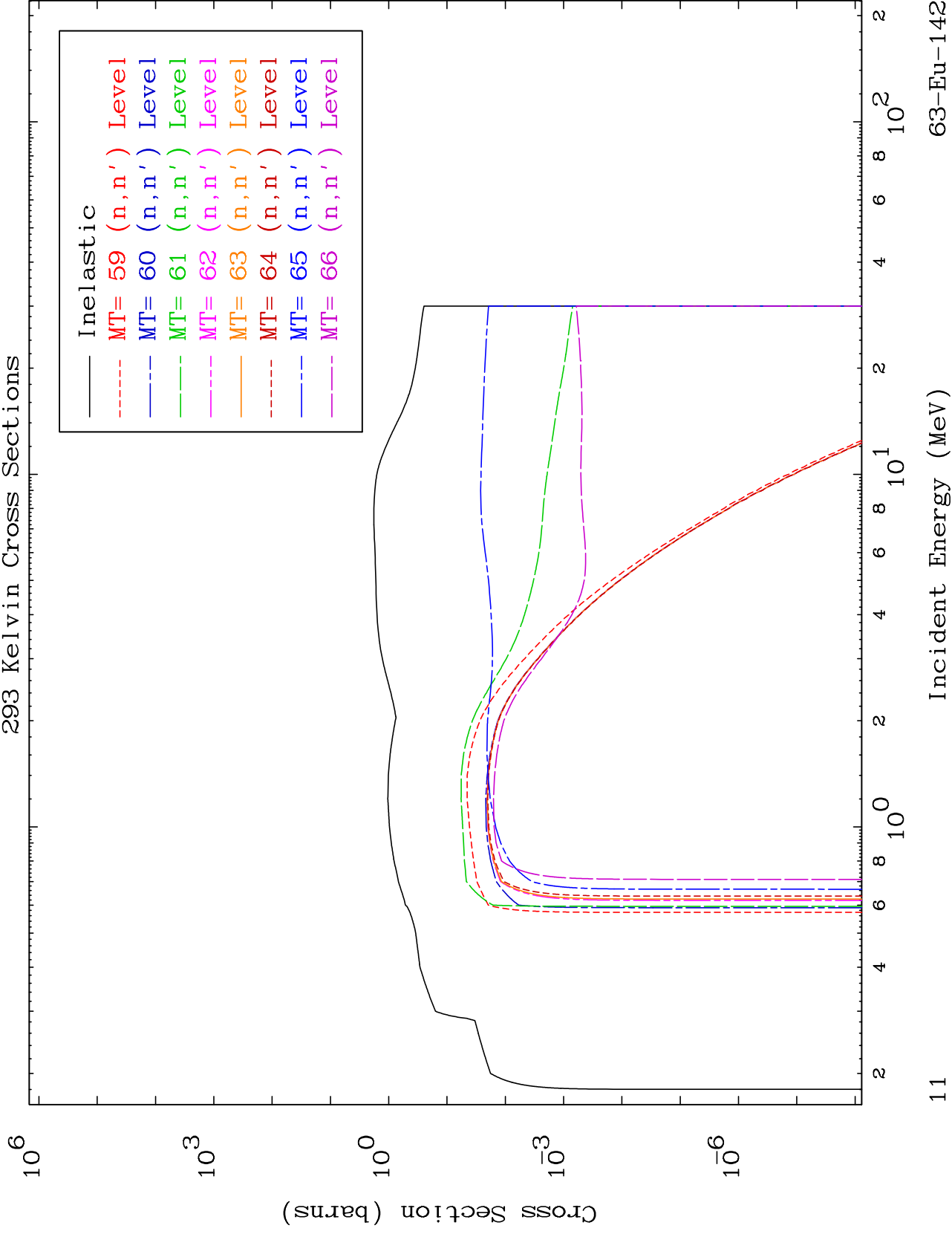
Incident Energy (MeV)

10

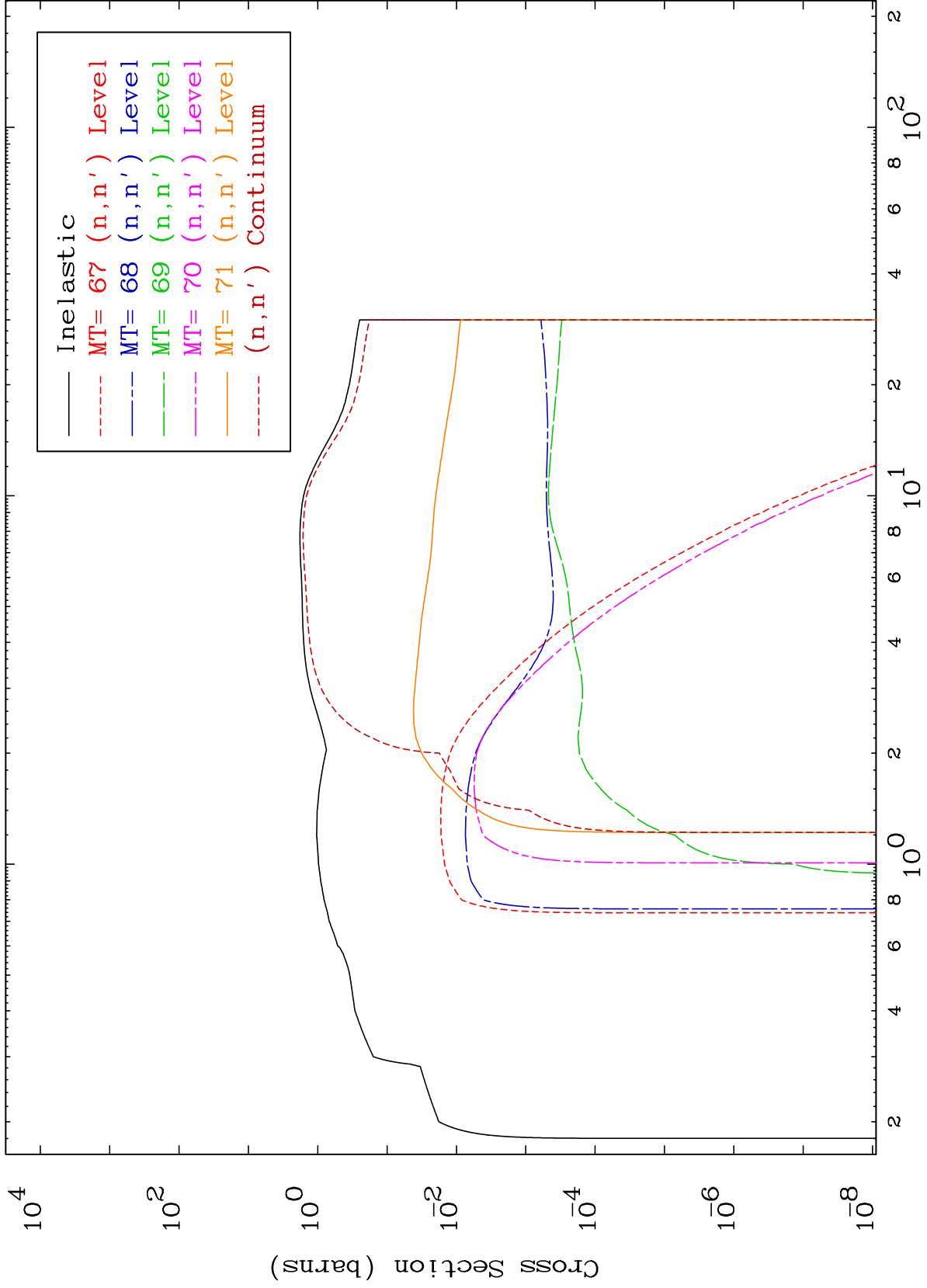
MAT 6298

(n,n') Levels  
293 Kelvin Cross Sections

63-Eu-142



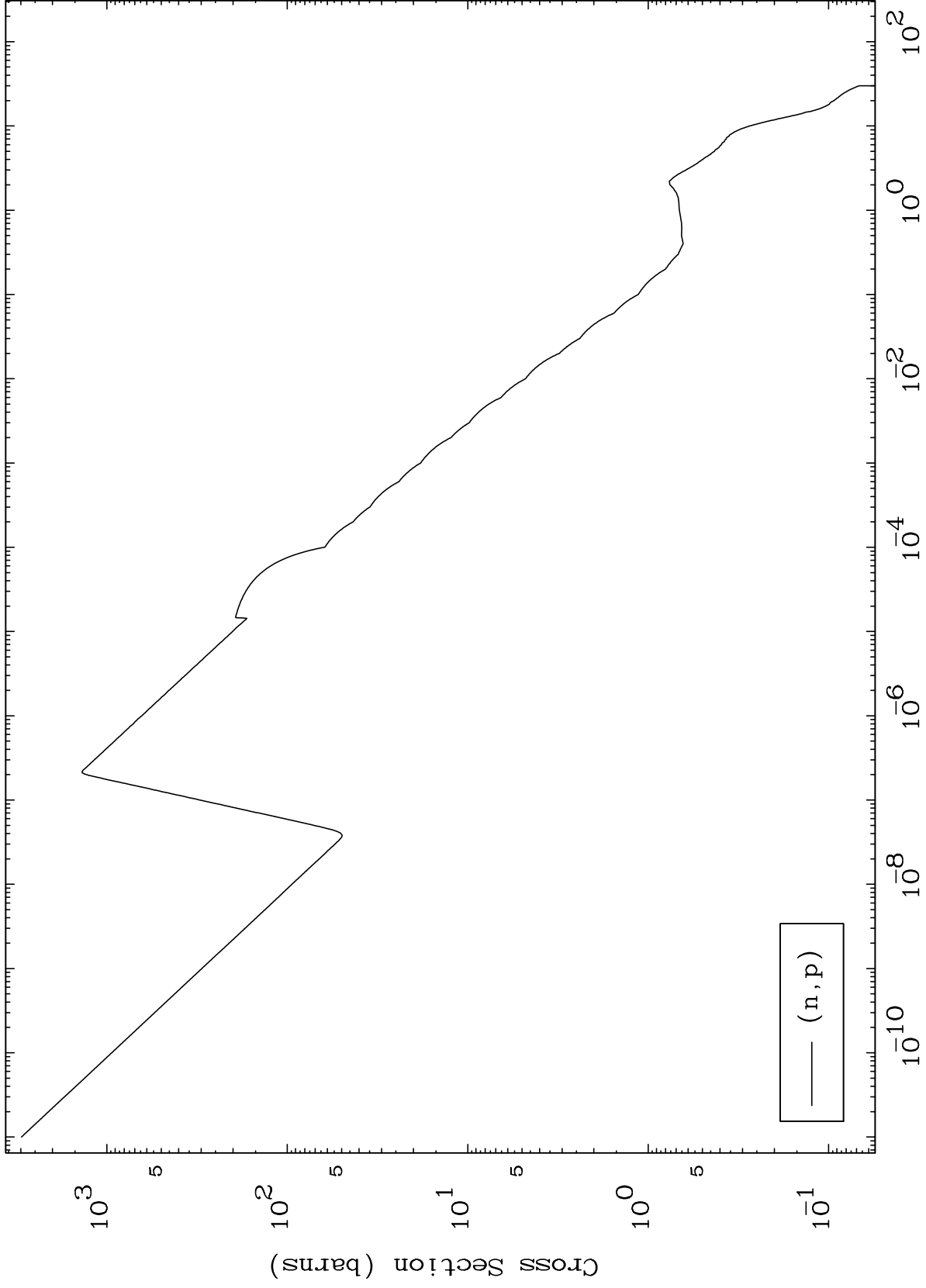
293 Kelvin Cross Sections



MAT 6298

(n,p) Levels  
293 Kelvin Cross Sections

63-Eu-142

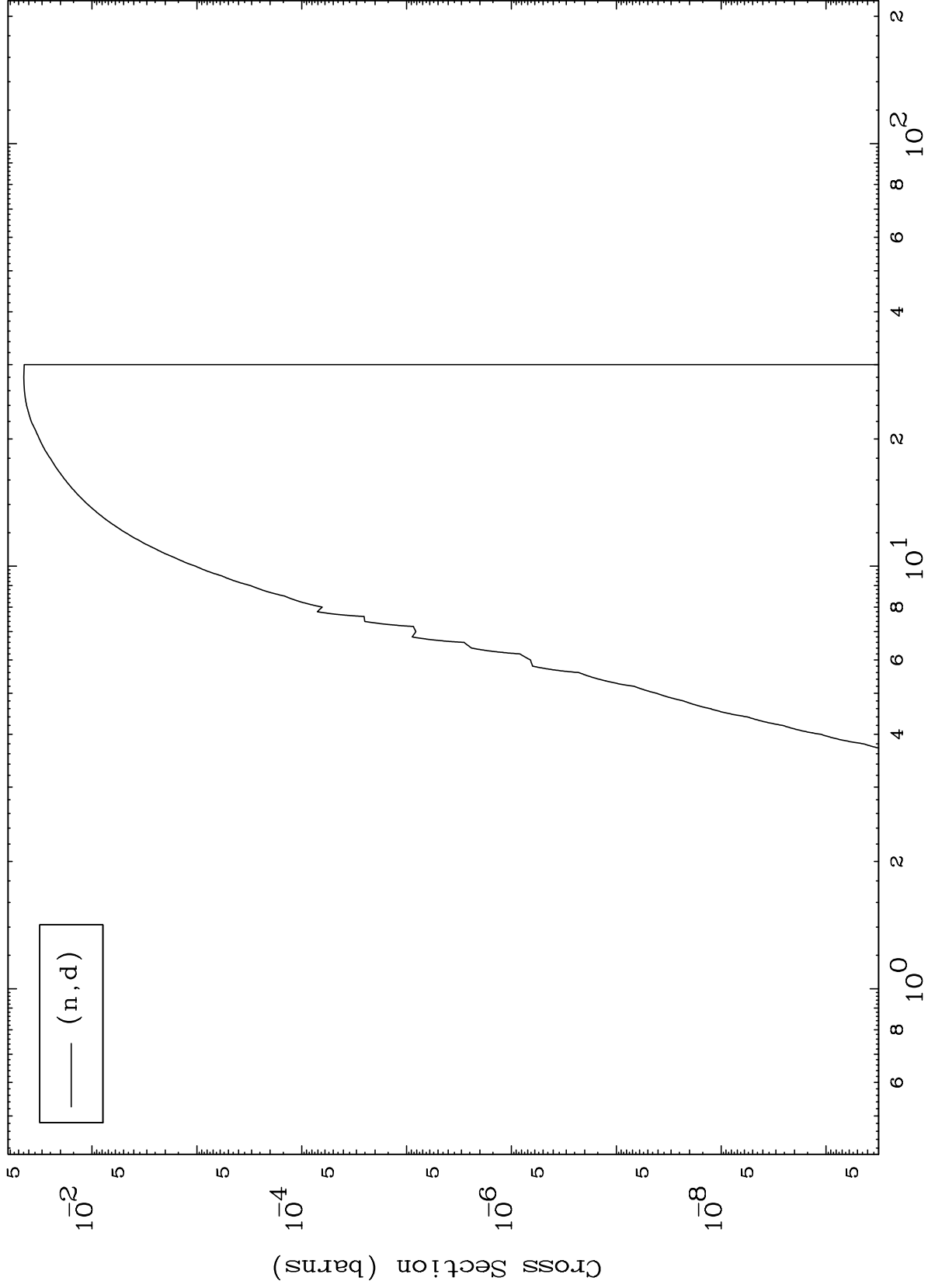


(n,p)

MAT 6298

(n,d) Levels  
293 Kelvin Cross Sections

63-Eu-142



14

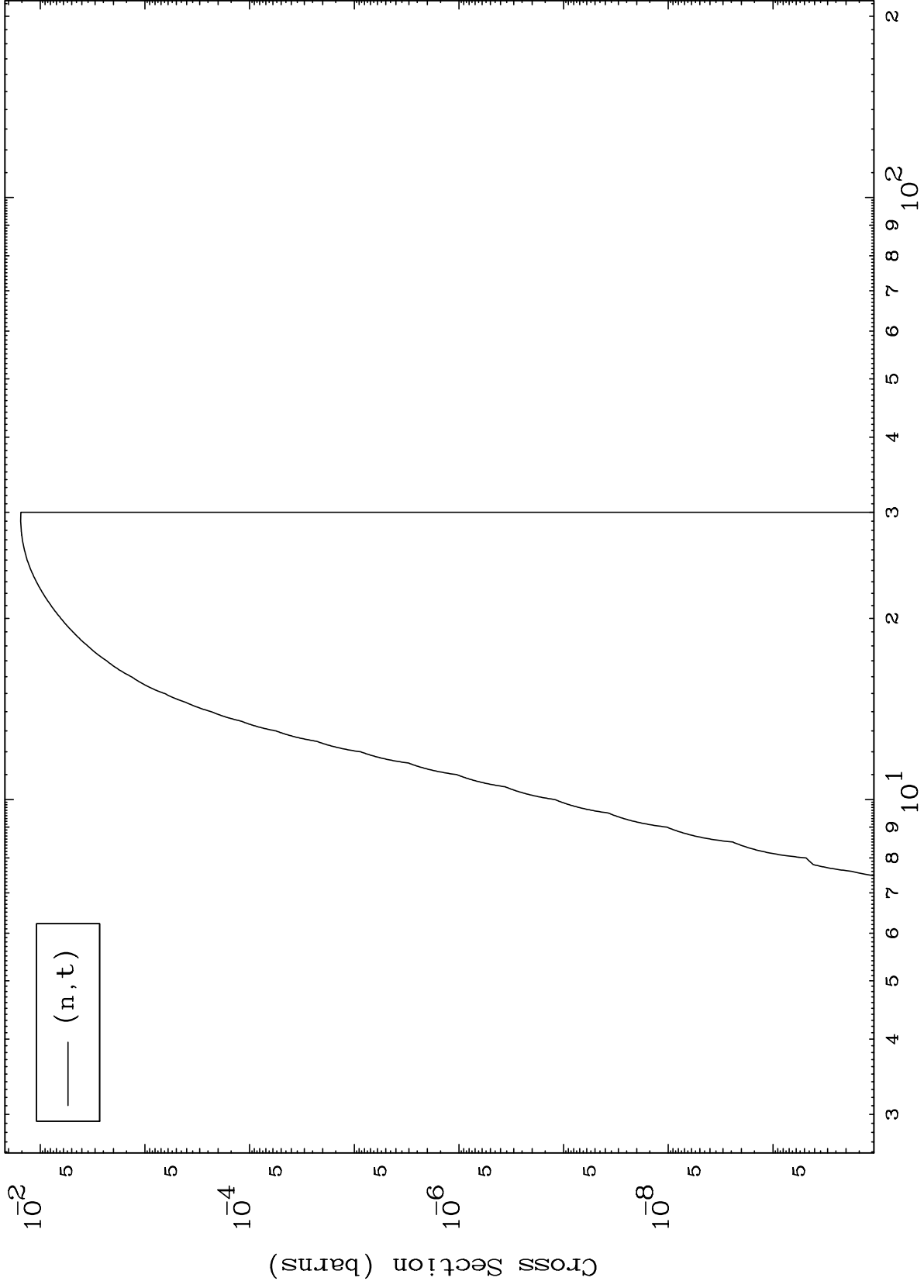
Incident Energy (MeV)

63-Eu-142

MAT 6298

(n,t) Levels  
293 Kelvin Cross Sections

63-Eu-142



(n,t)

15

Incident Energy (MeV)

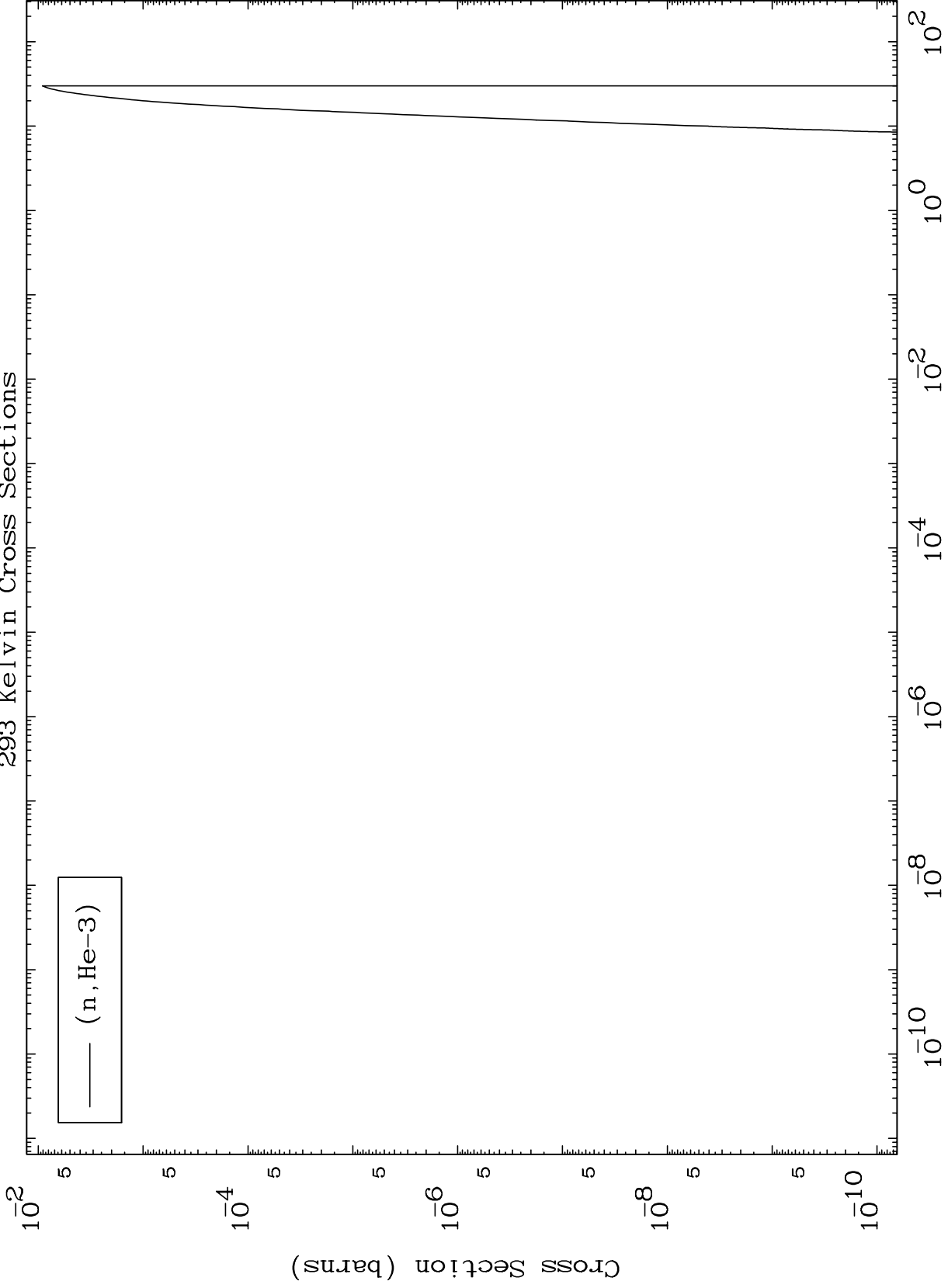
63-Eu-142



MAT 6298

(n,He3) Levels  
293 Kelvin Cross Sections

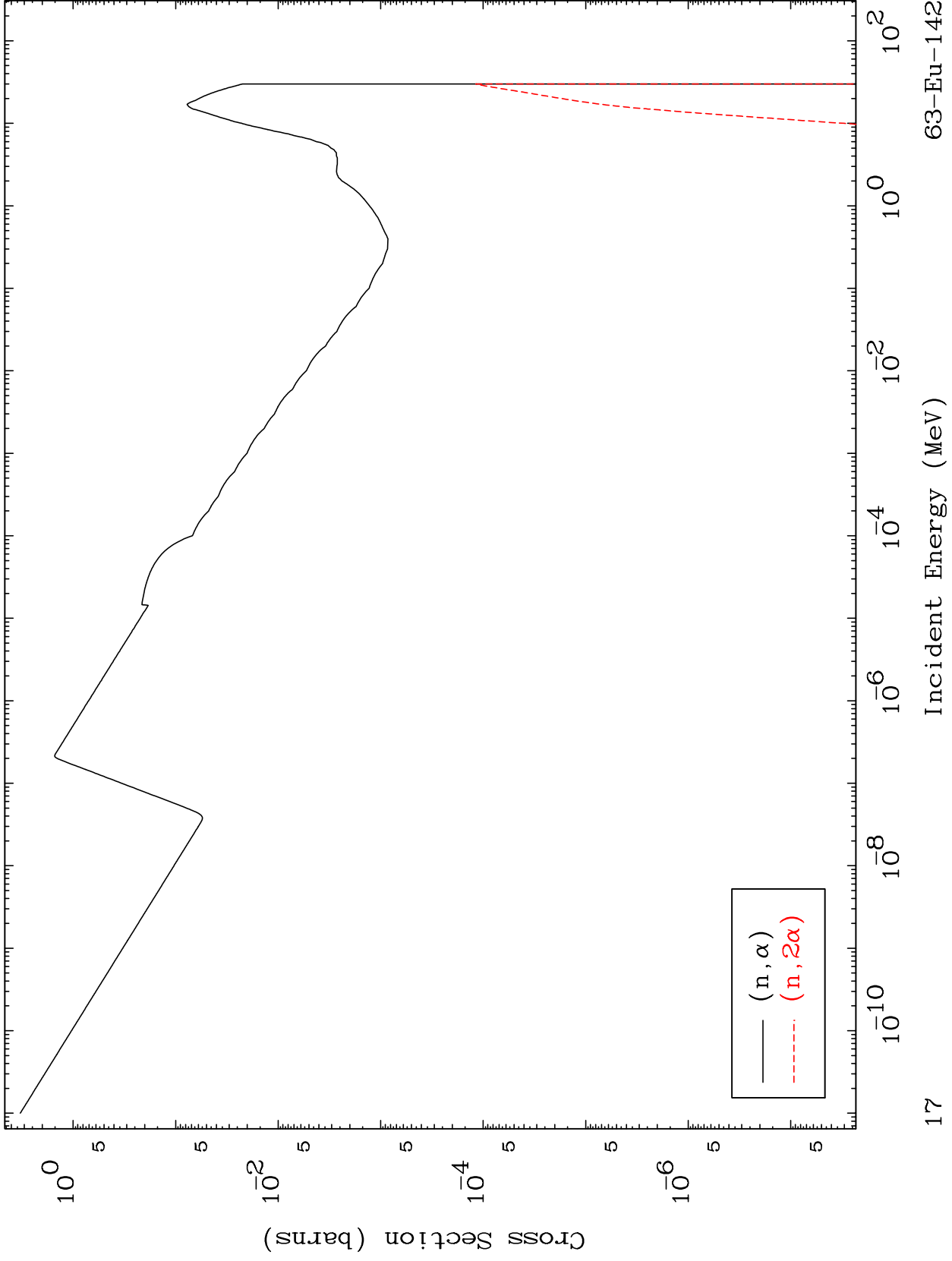
63-Eu-142



MAT 6298

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

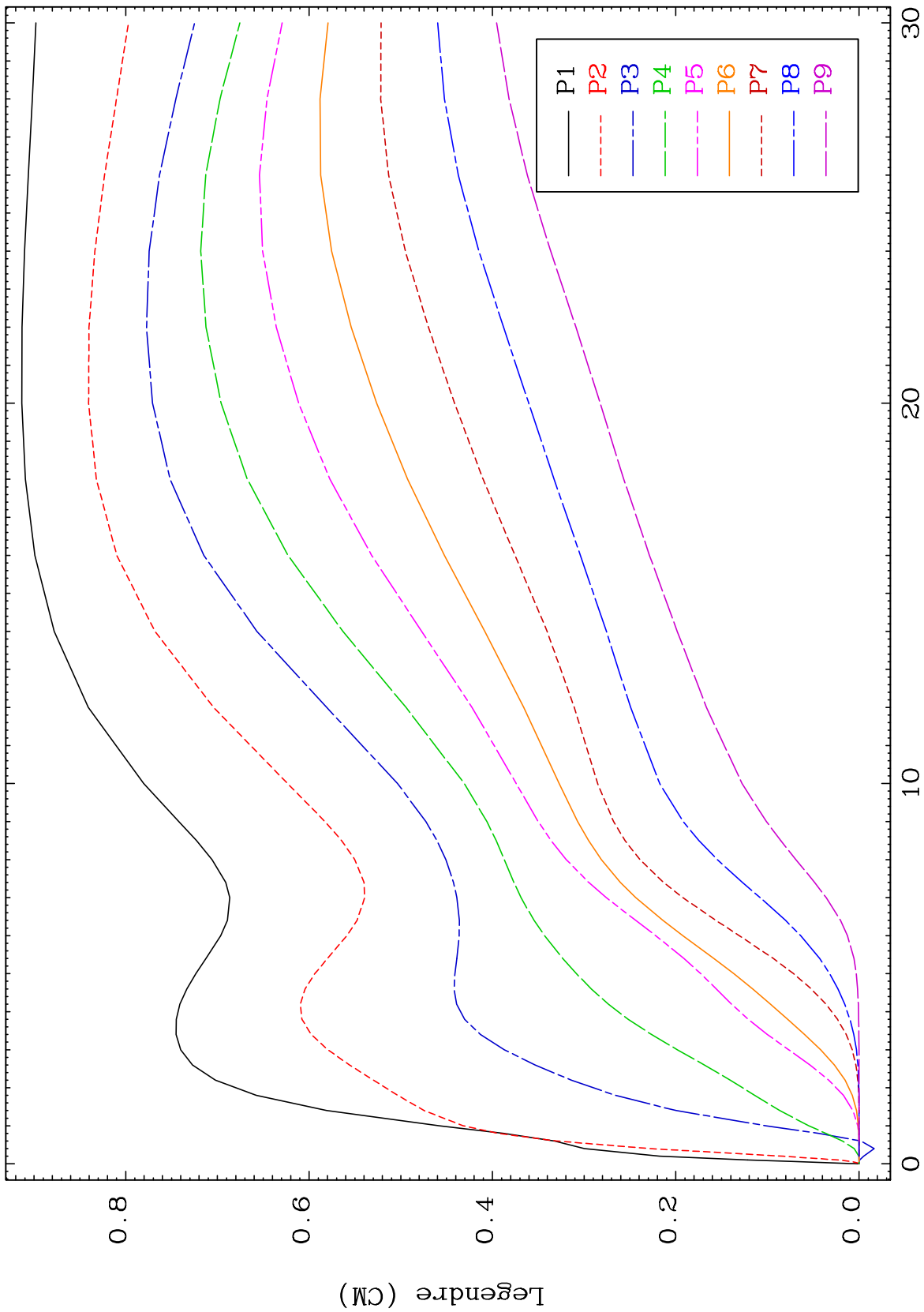
63-Eu-142



MAT 6298

Elastic Legendre Coefficients

63-Eu-142



18

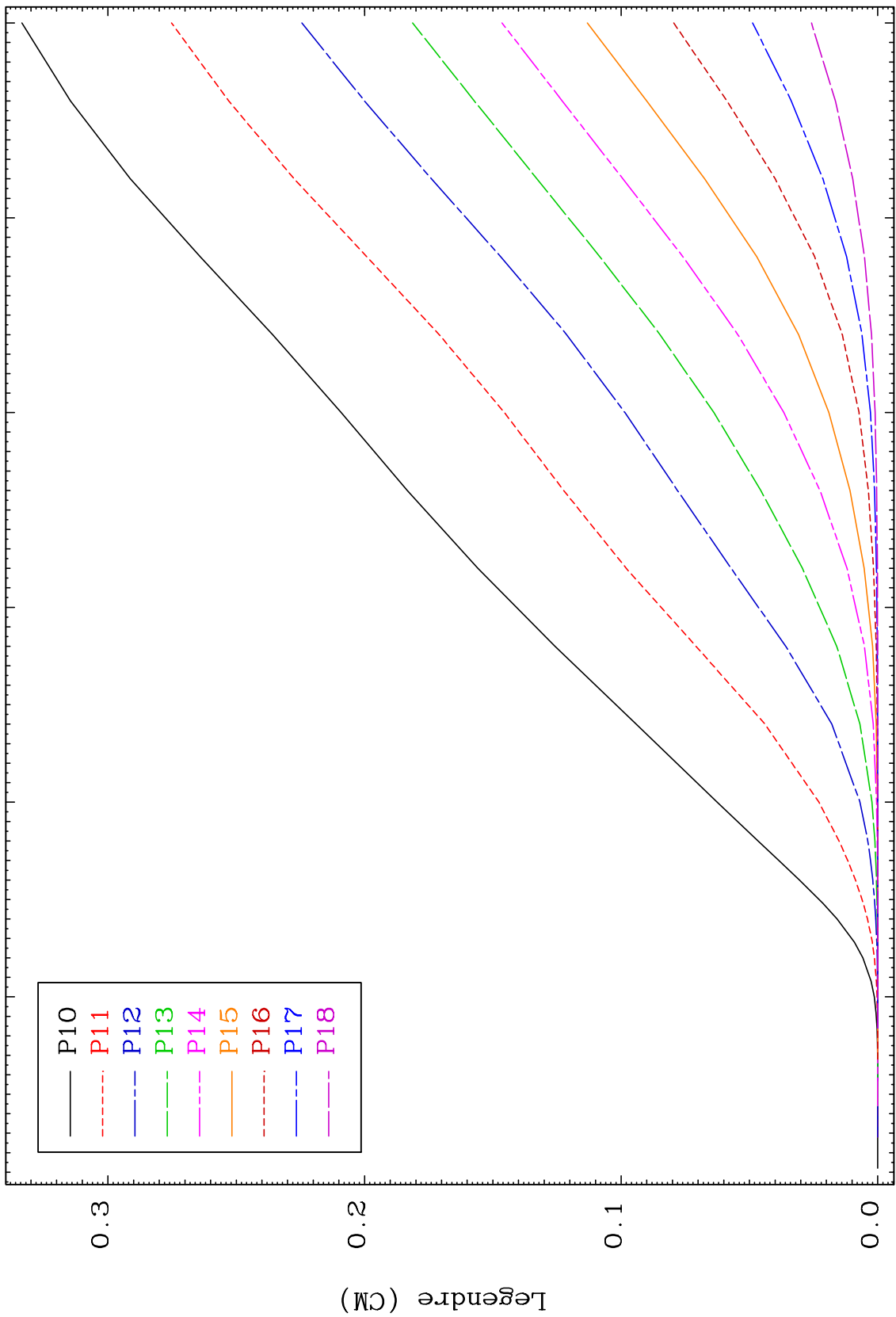
Incident Energy (MeV)

63-Eu-142

MAT 6298

Elastic Legendre Coefficients

63-Eu-142



19

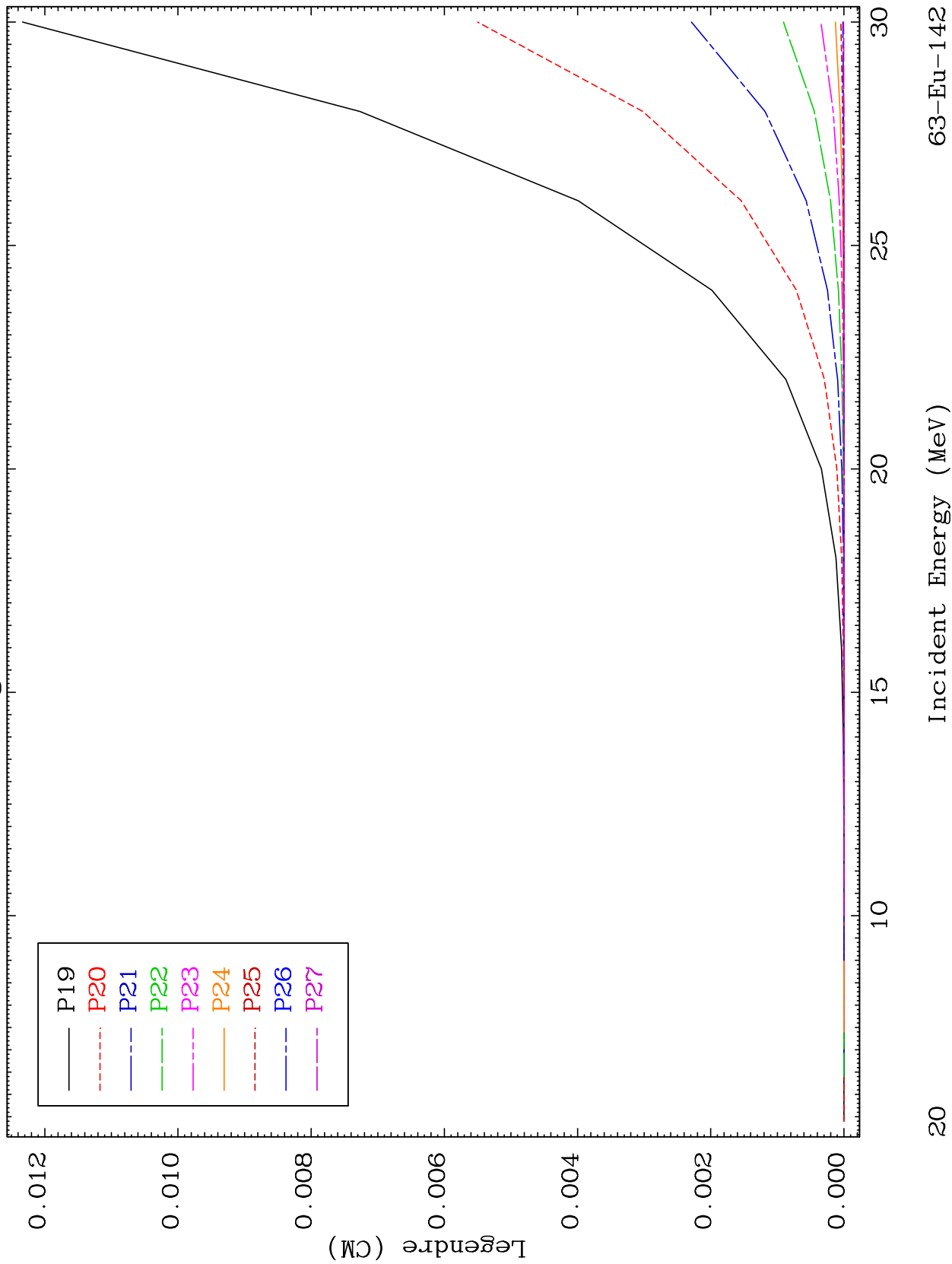
Incident Energy (MeV)

63-Eu-142

MAT 6298

### Elastic Legendre Coefficients

<sup>63</sup>-Eu-142



20

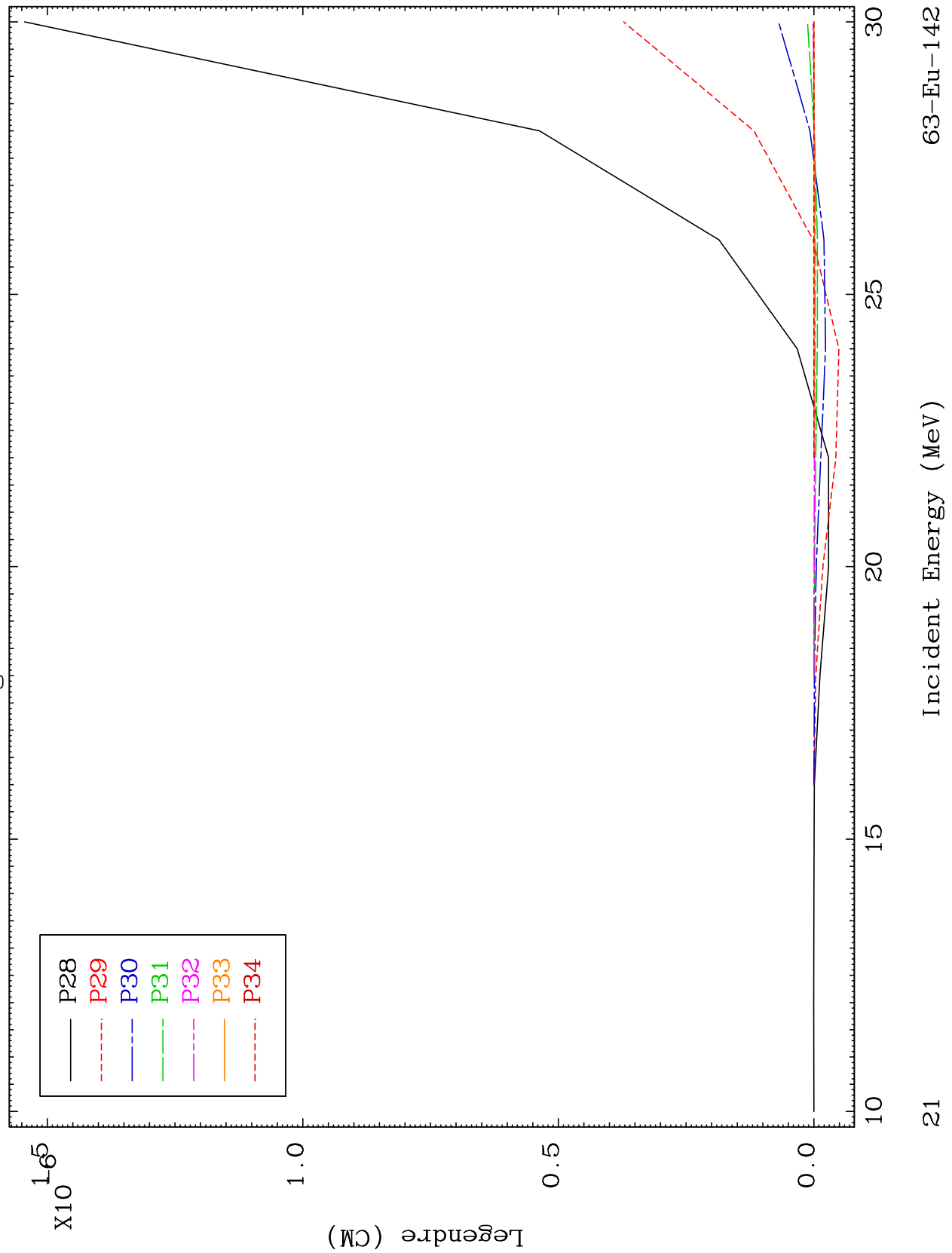
Incident Energy (MeV)

<sup>63</sup>-Eu-142

MAT 6298

Elastic Legendre Coefficients

<sup>63</sup>-Eu-142



21

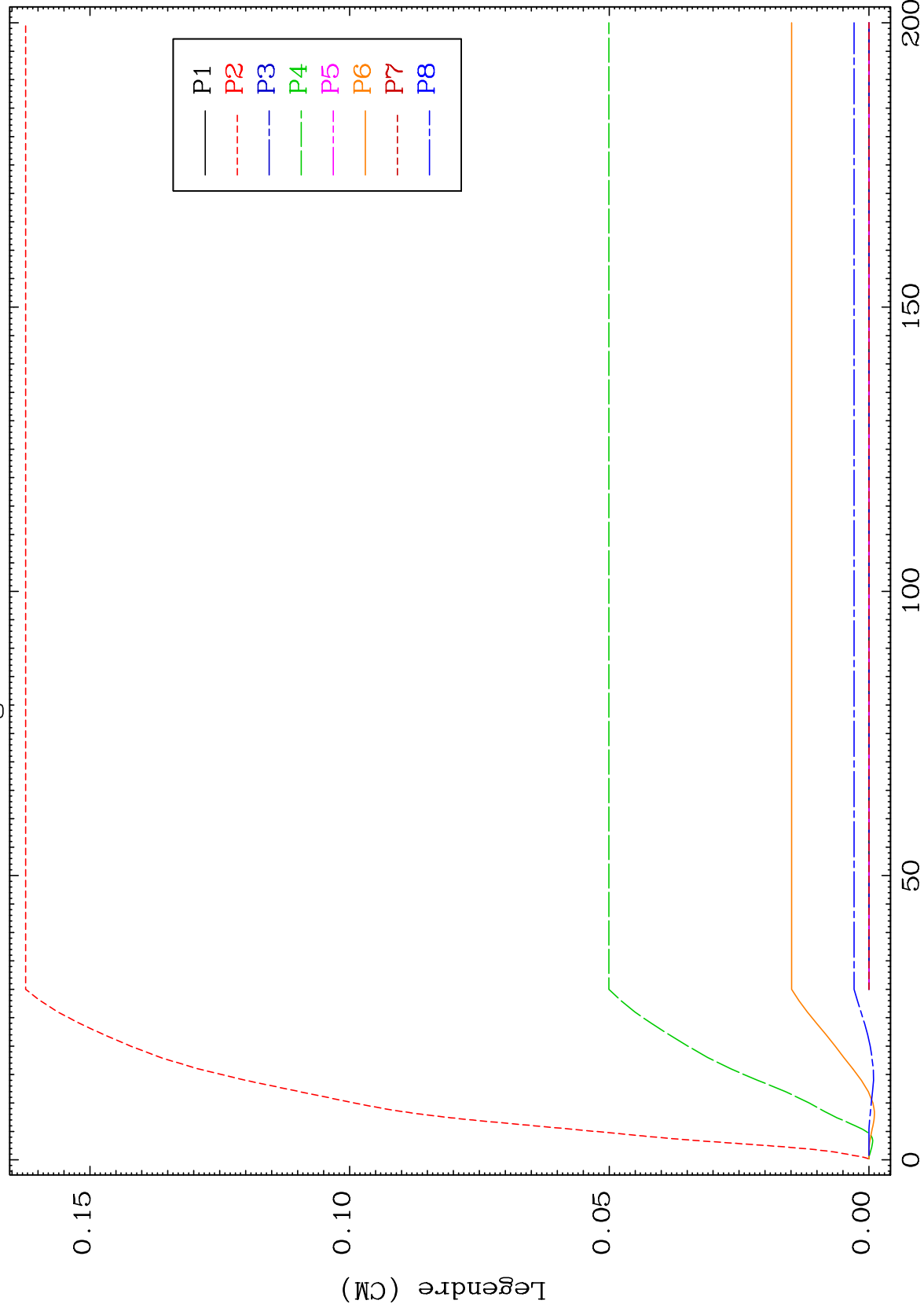
Incident Energy (MeV)

<sup>63</sup>-Eu-142

MAT 6298

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

63-Eu-142



22

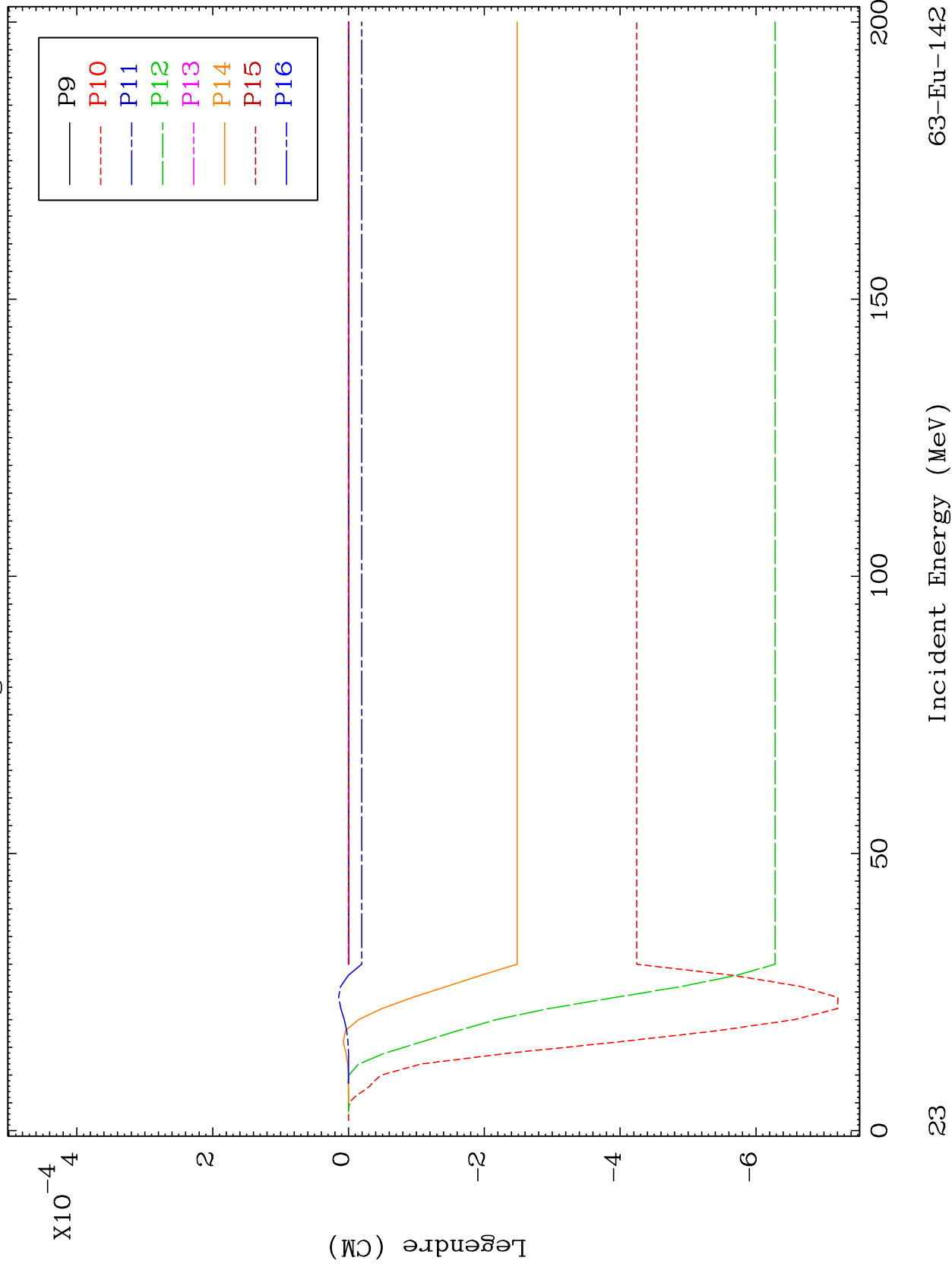
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



23

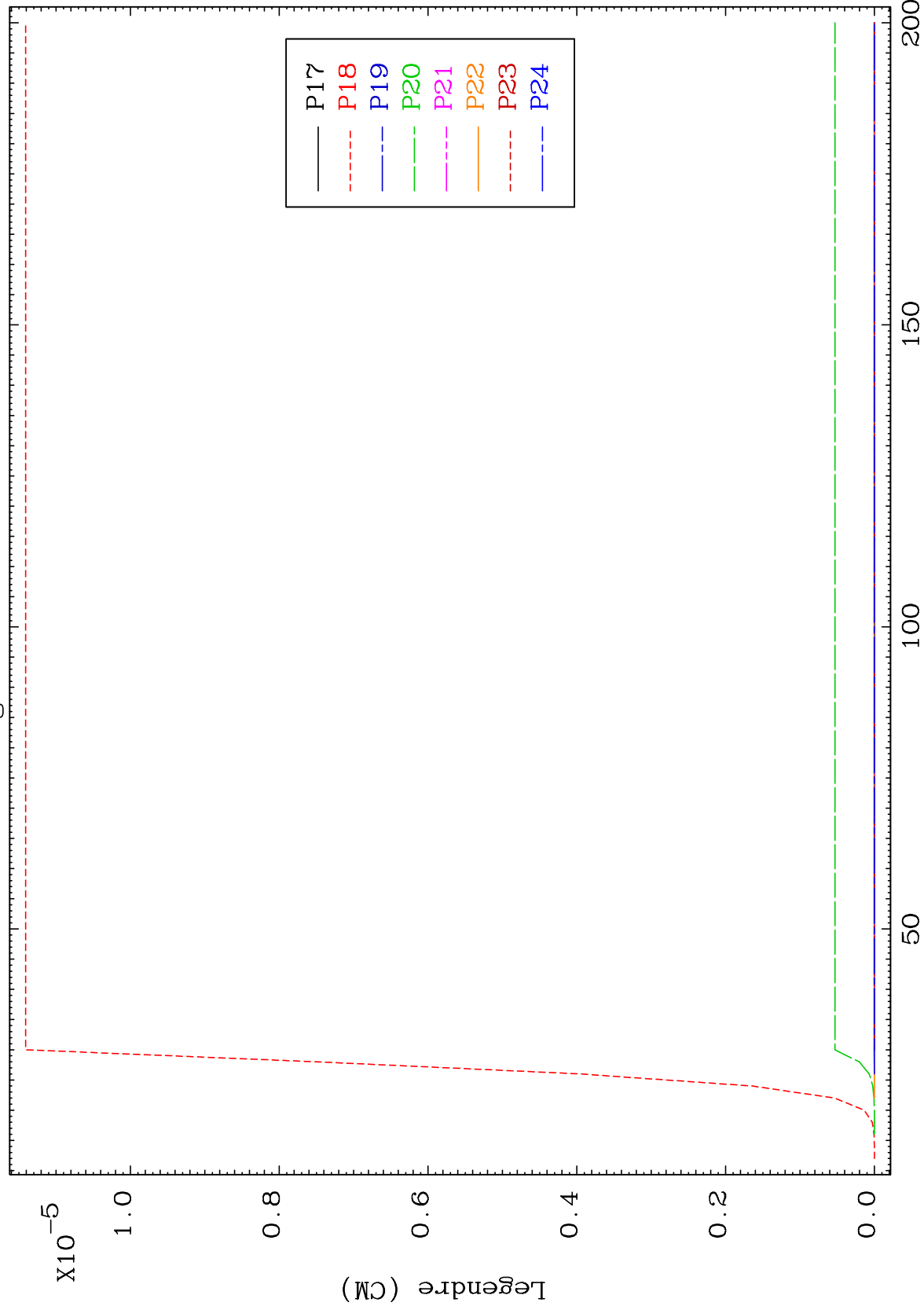
63-Eu-142



MAT 6298

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

63-Eu-142



63-Eu-142

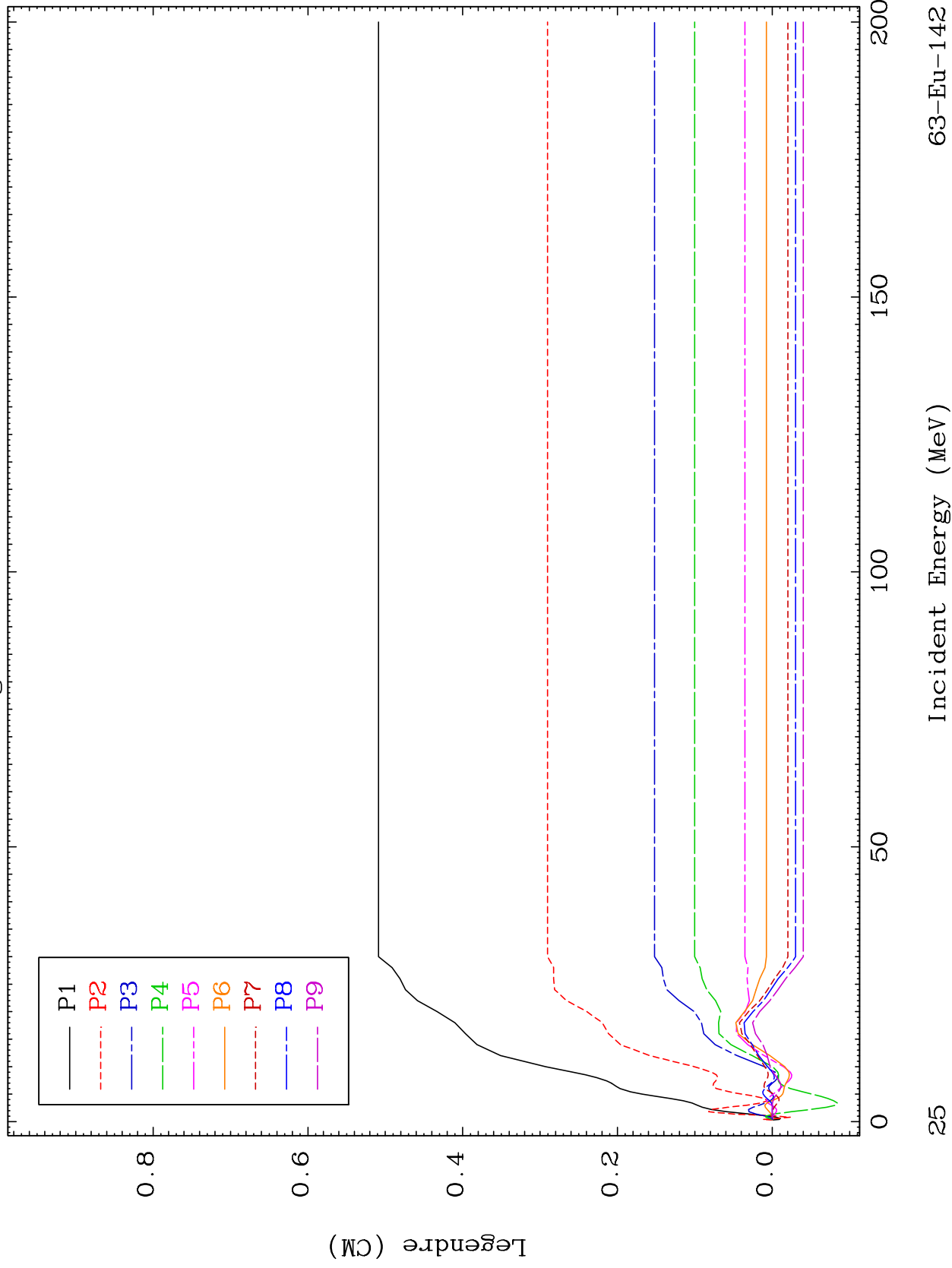
Incident Energy (MeV)

24

MAT 6298

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

63-Eu-142



63-Eu-142

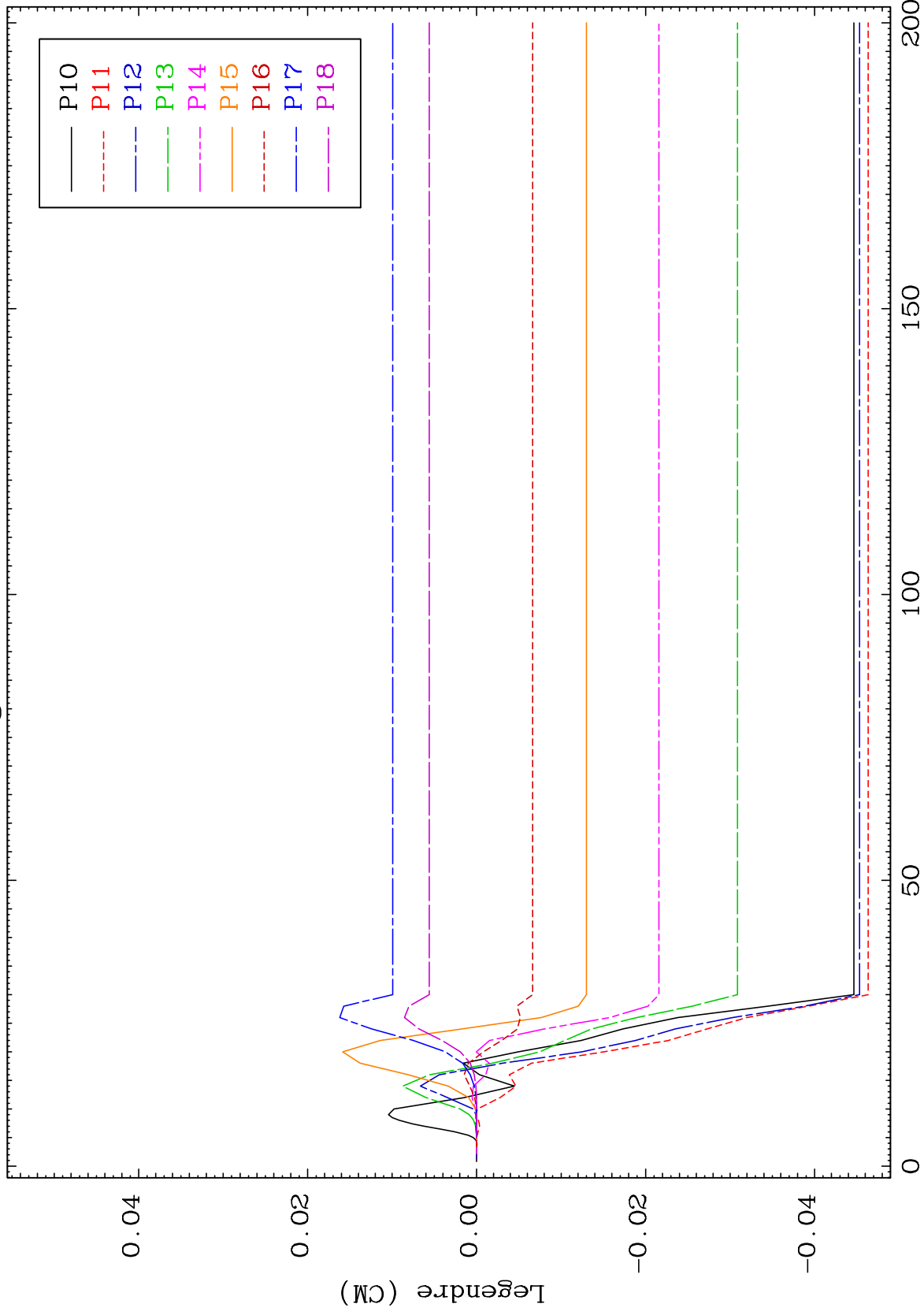
Incident Energy (MeV)

25

MAT 6298

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

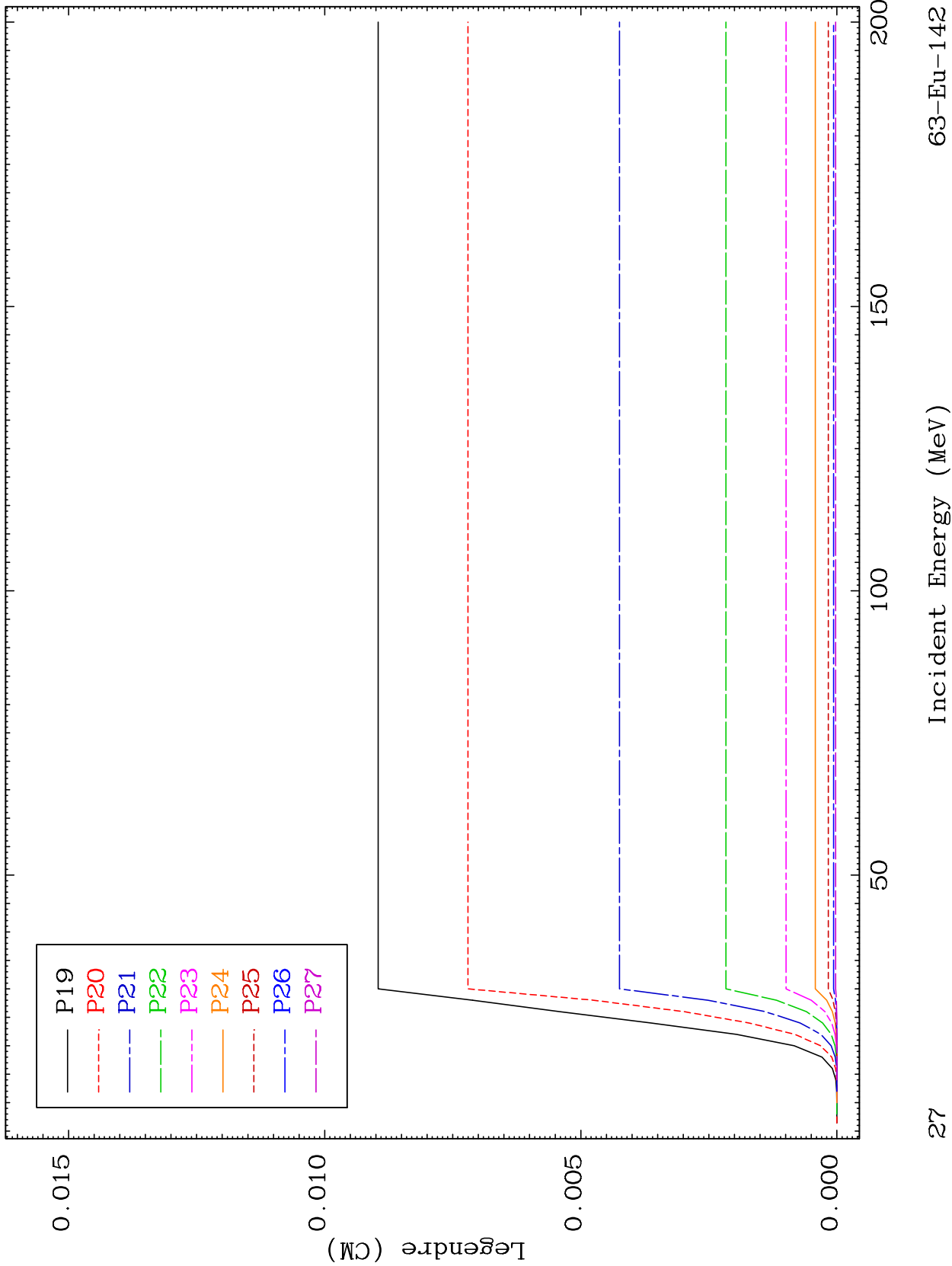
63-Eu-142



26

Incident Energy (MeV)

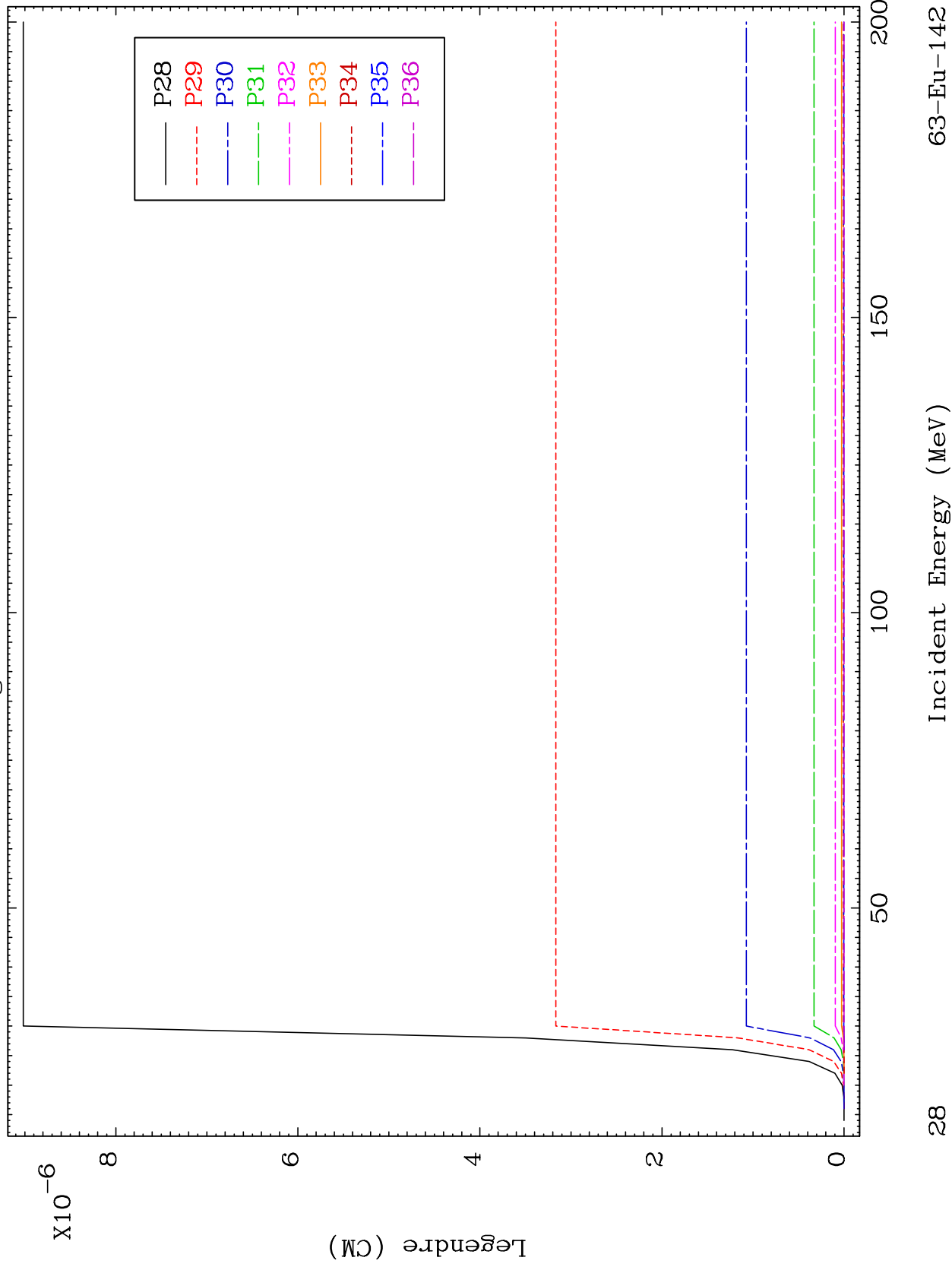
63-Eu-142



MAT 6298

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

63-Eu-142



28

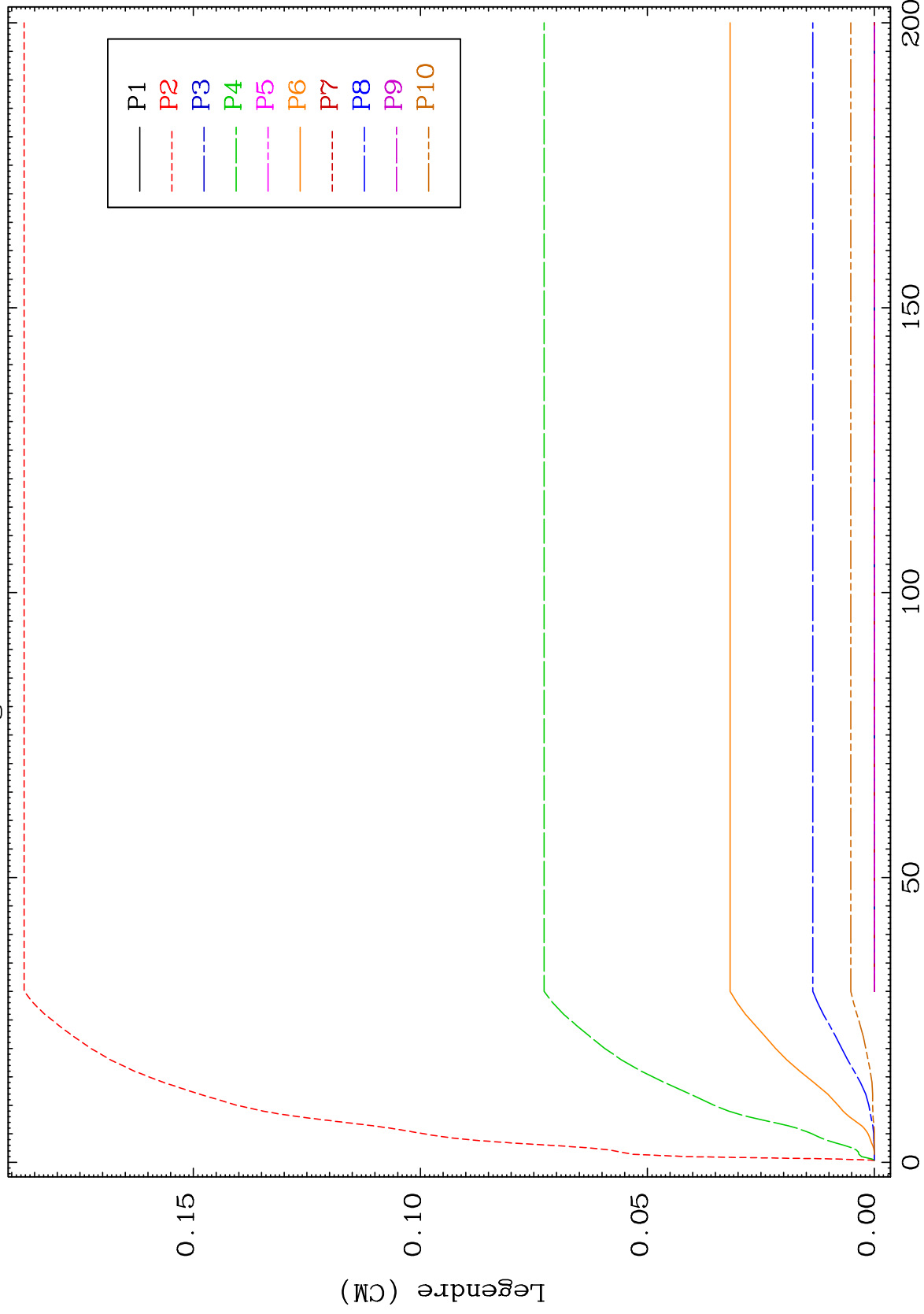
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



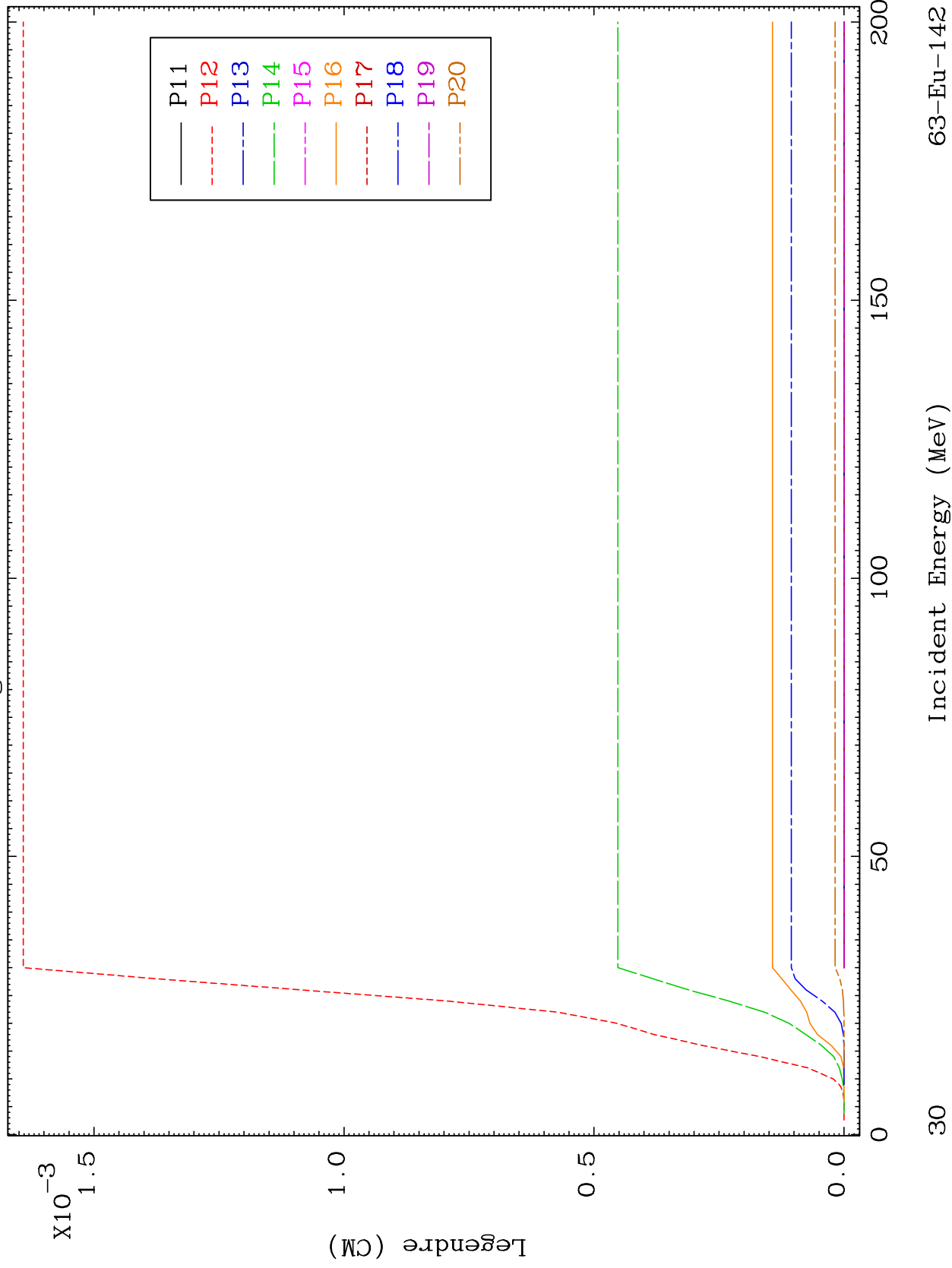
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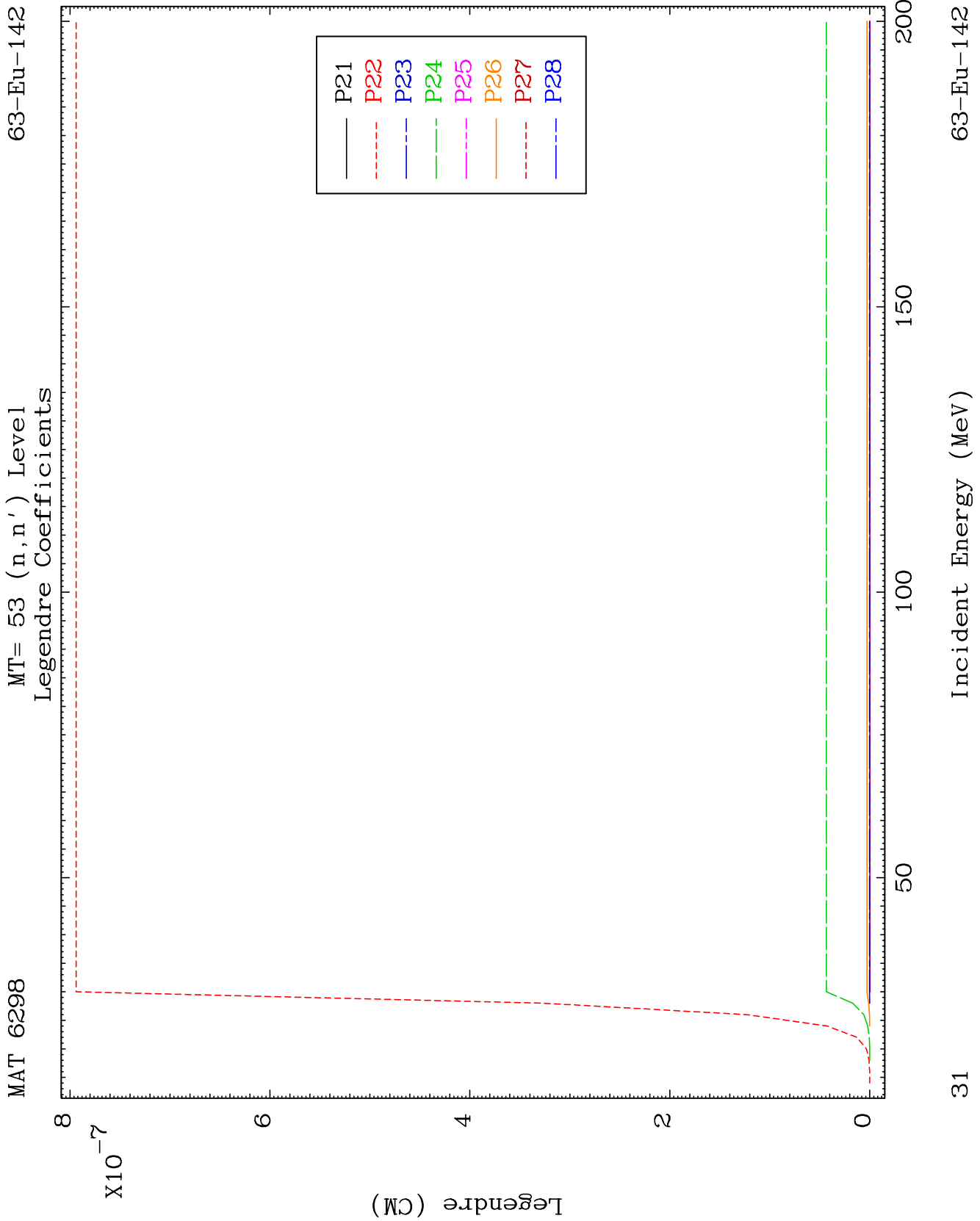
63-Eu-142

MAT 6298

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

63-Eu-142



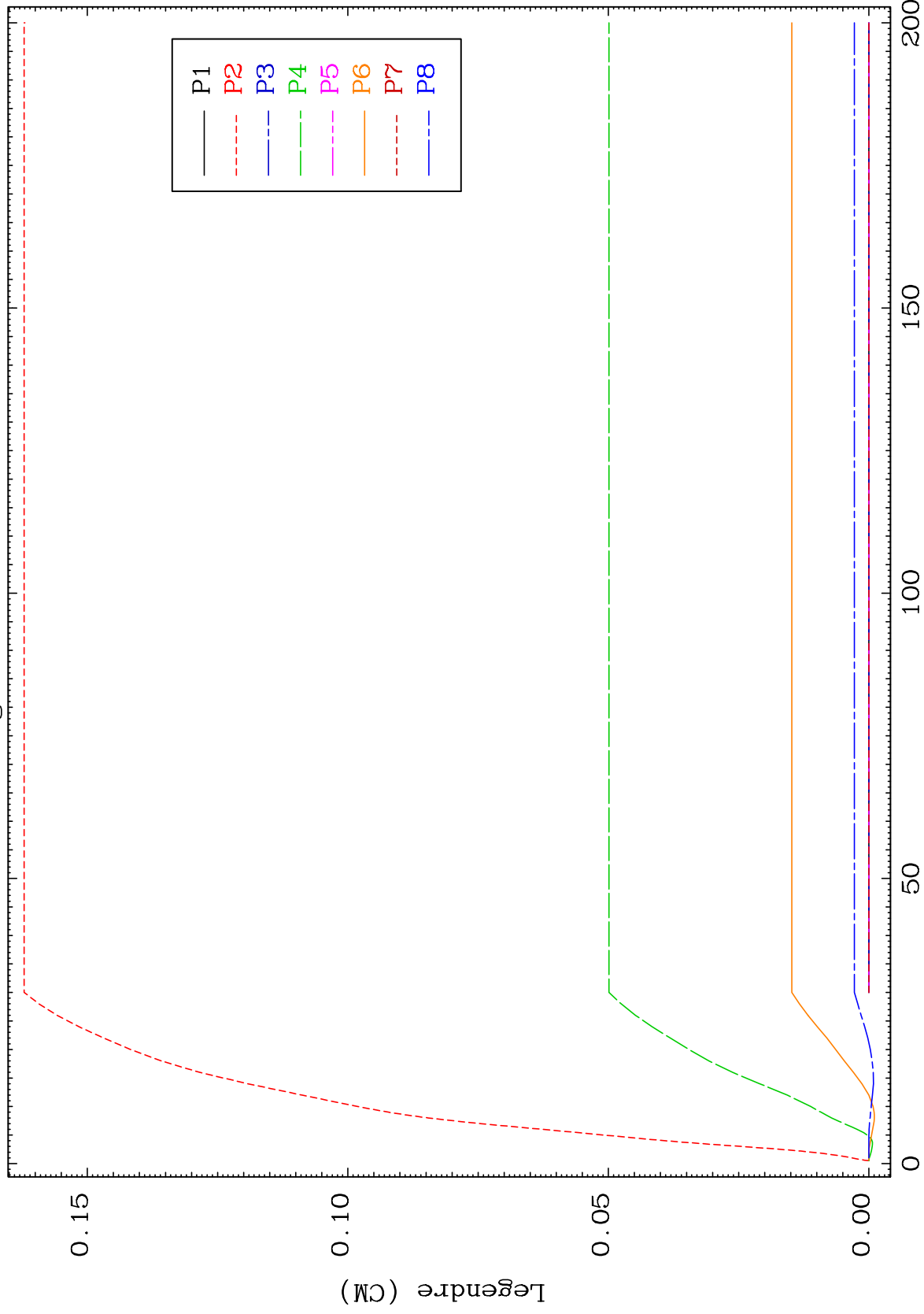




MAT 6298

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

63-Eu-142



63-Eu-142

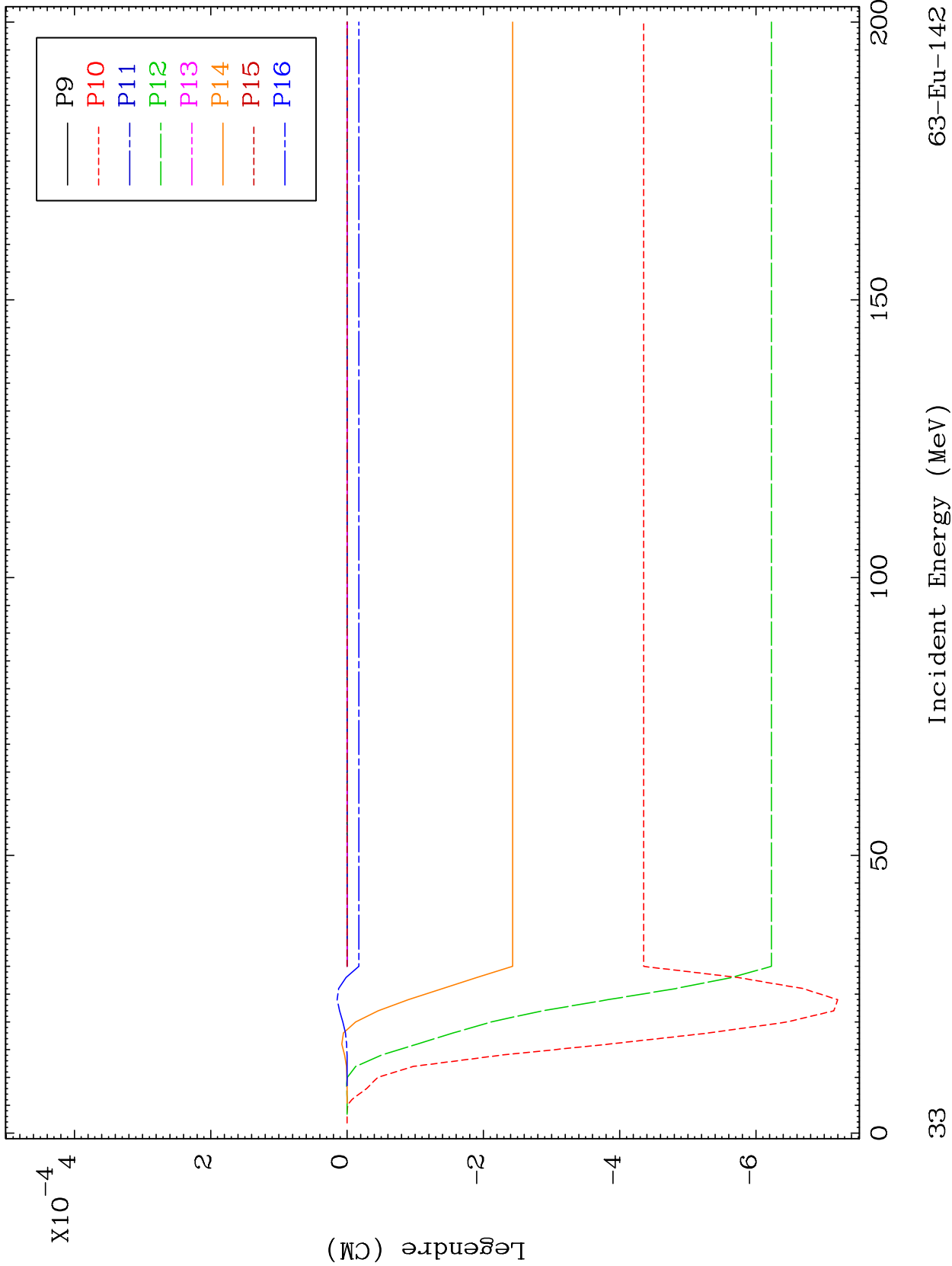
Incident Energy (MeV)

32

MAT 6298

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

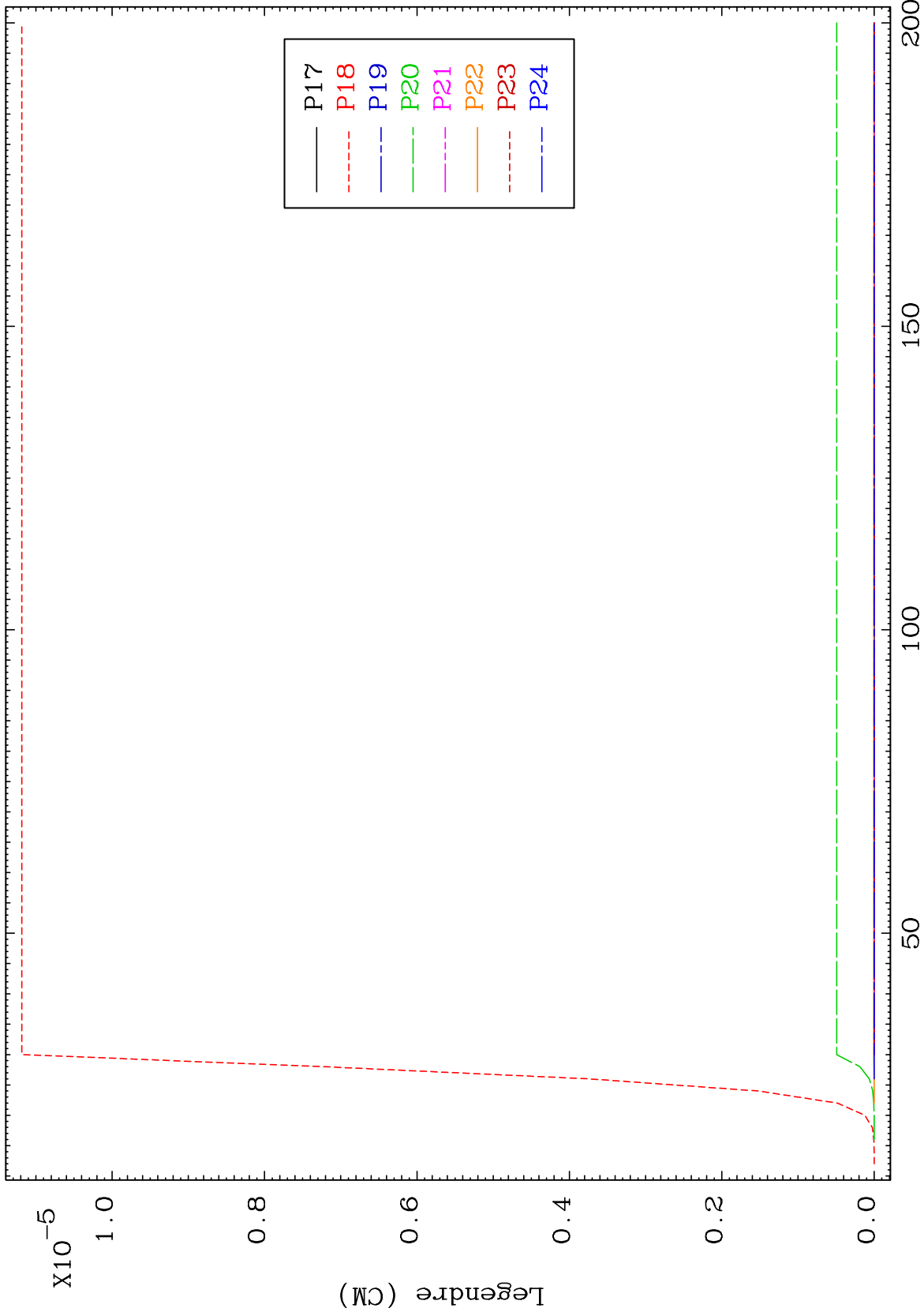
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MAT 6298

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

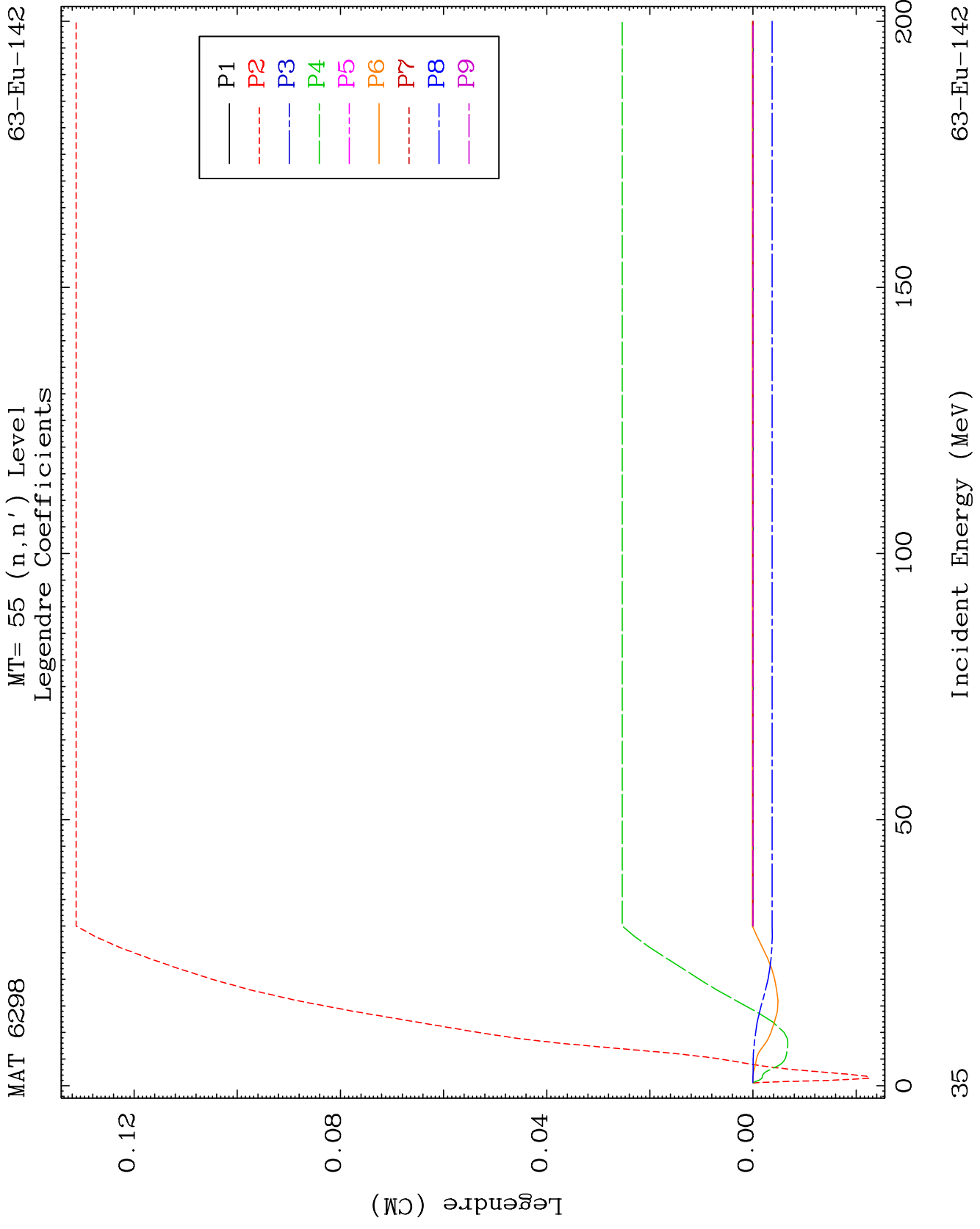
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34

Incident Energy (MeV)

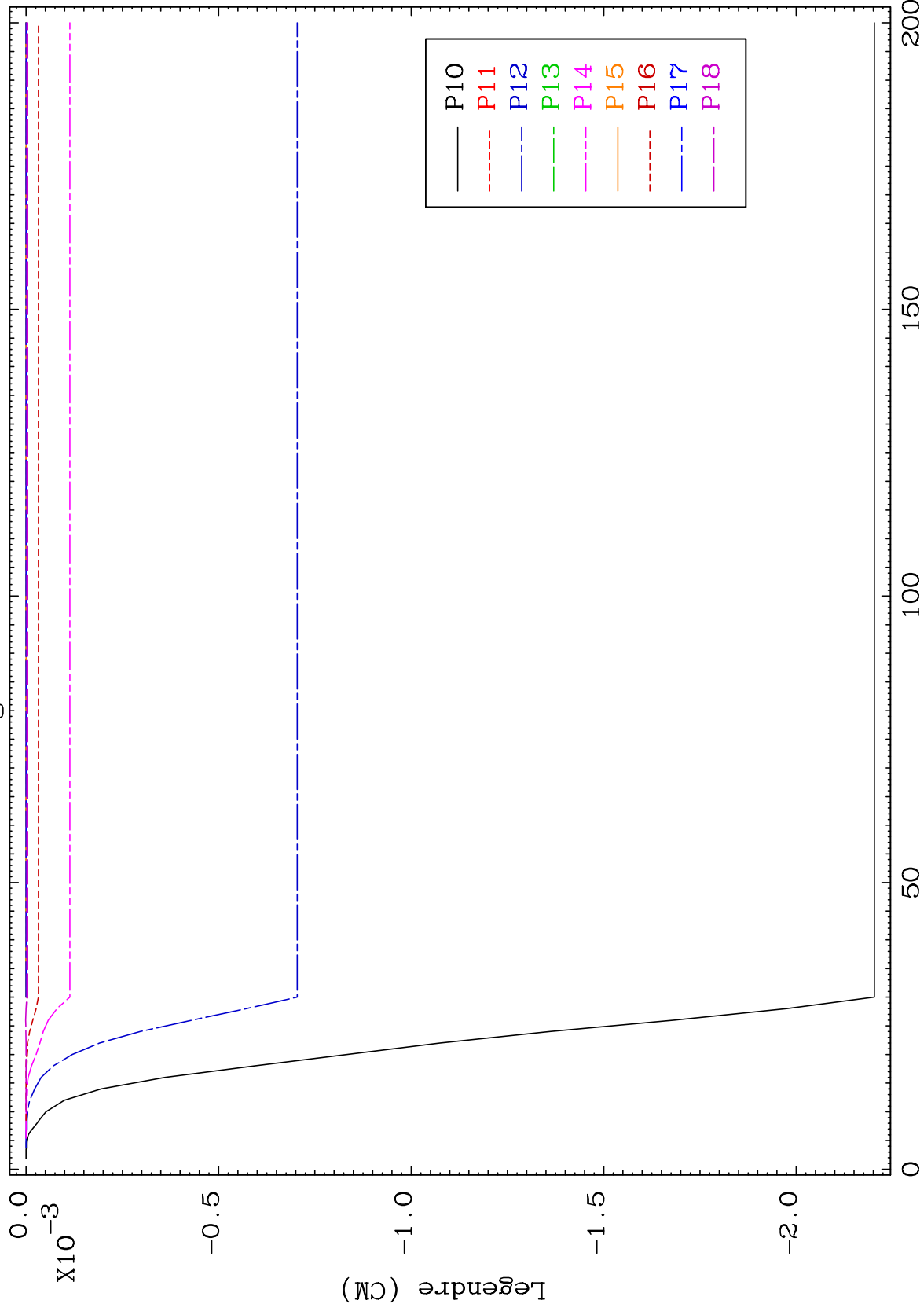
63-Eu-142



MAT 6298

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

63-Eu-142



36

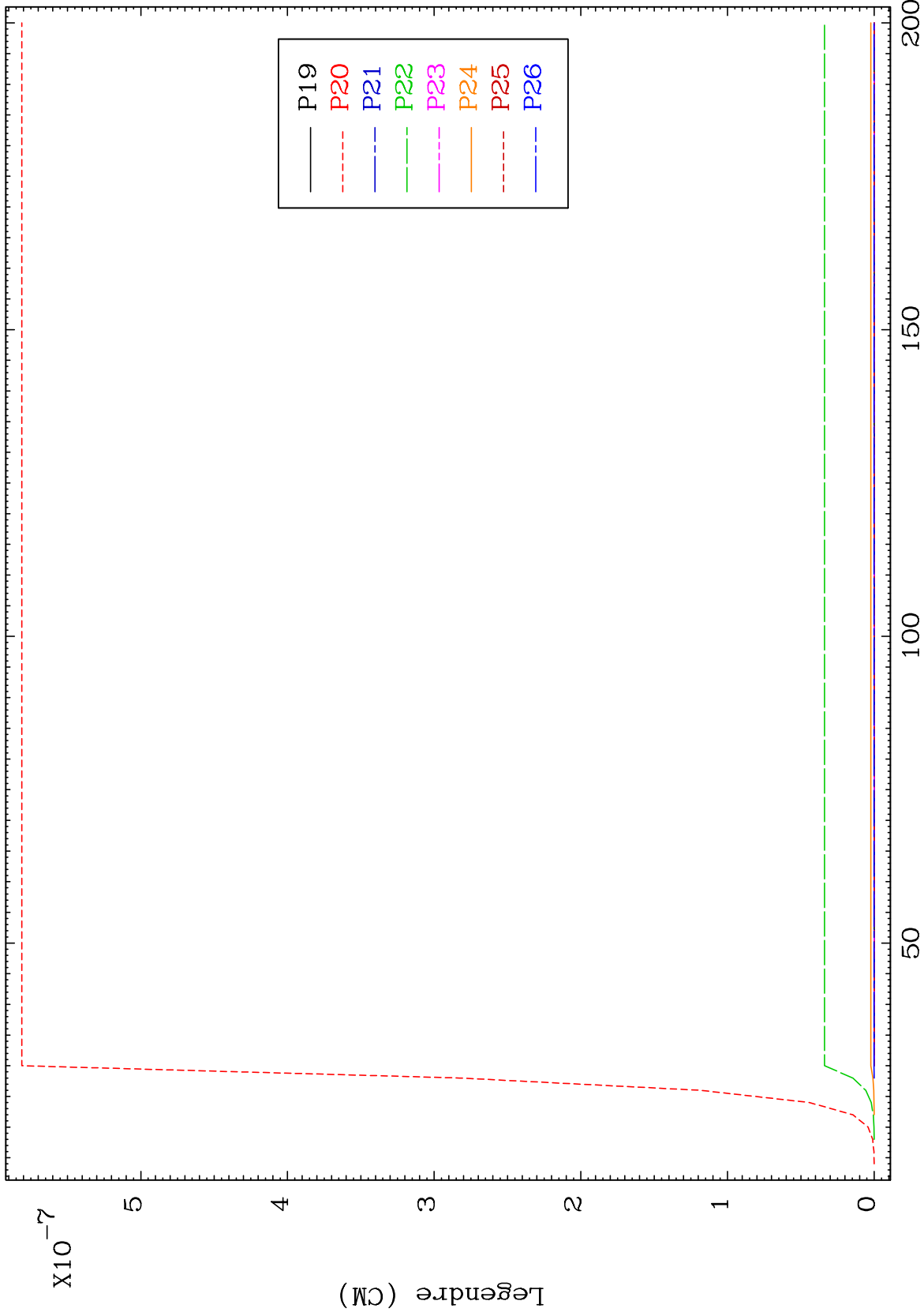
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

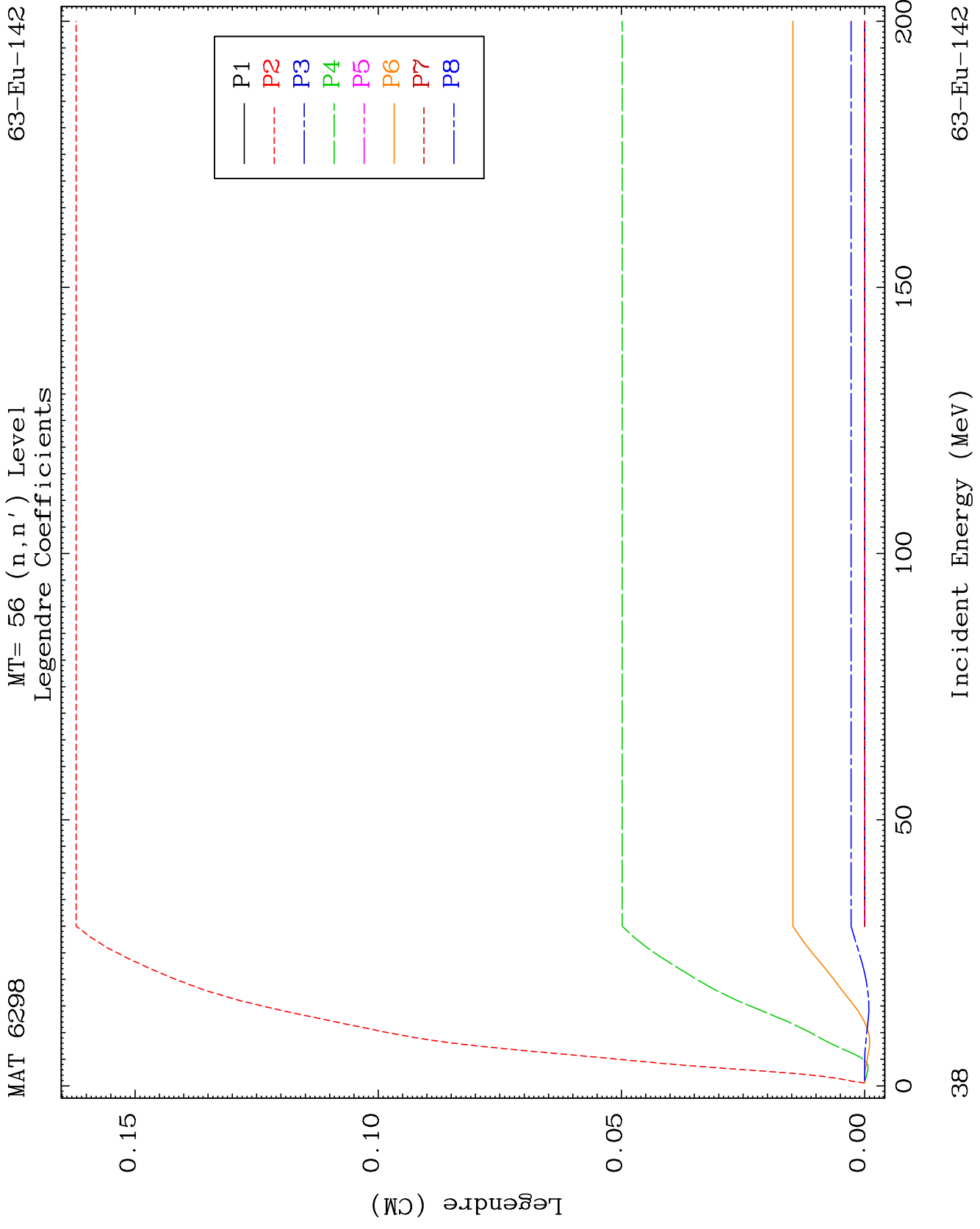
63-Eu-142



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Incident Energy (MeV)

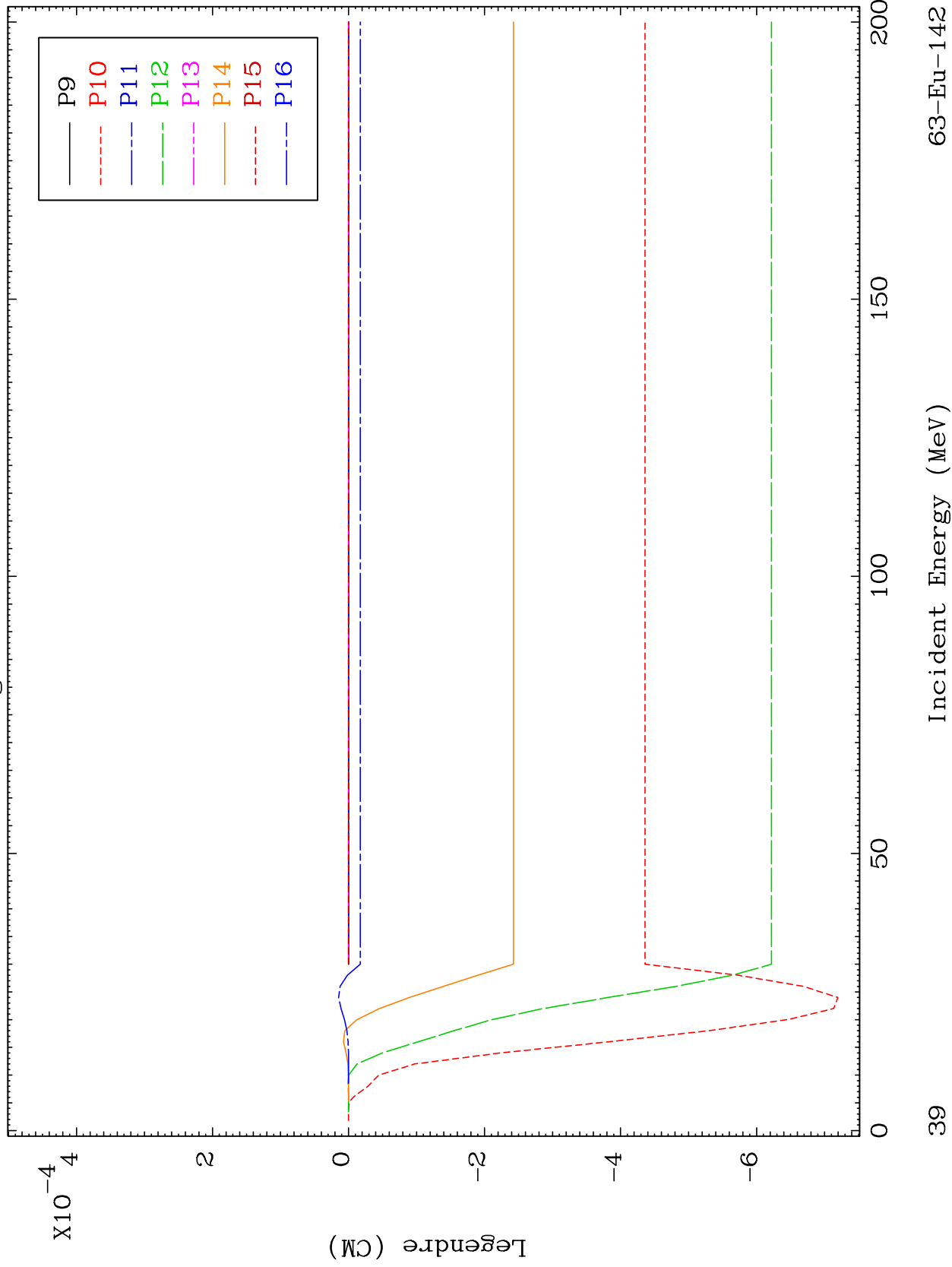
63-Eu-142



MAT 6298

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

63-Eu-142



63-Eu-142

Incident Energy (MeV)

39

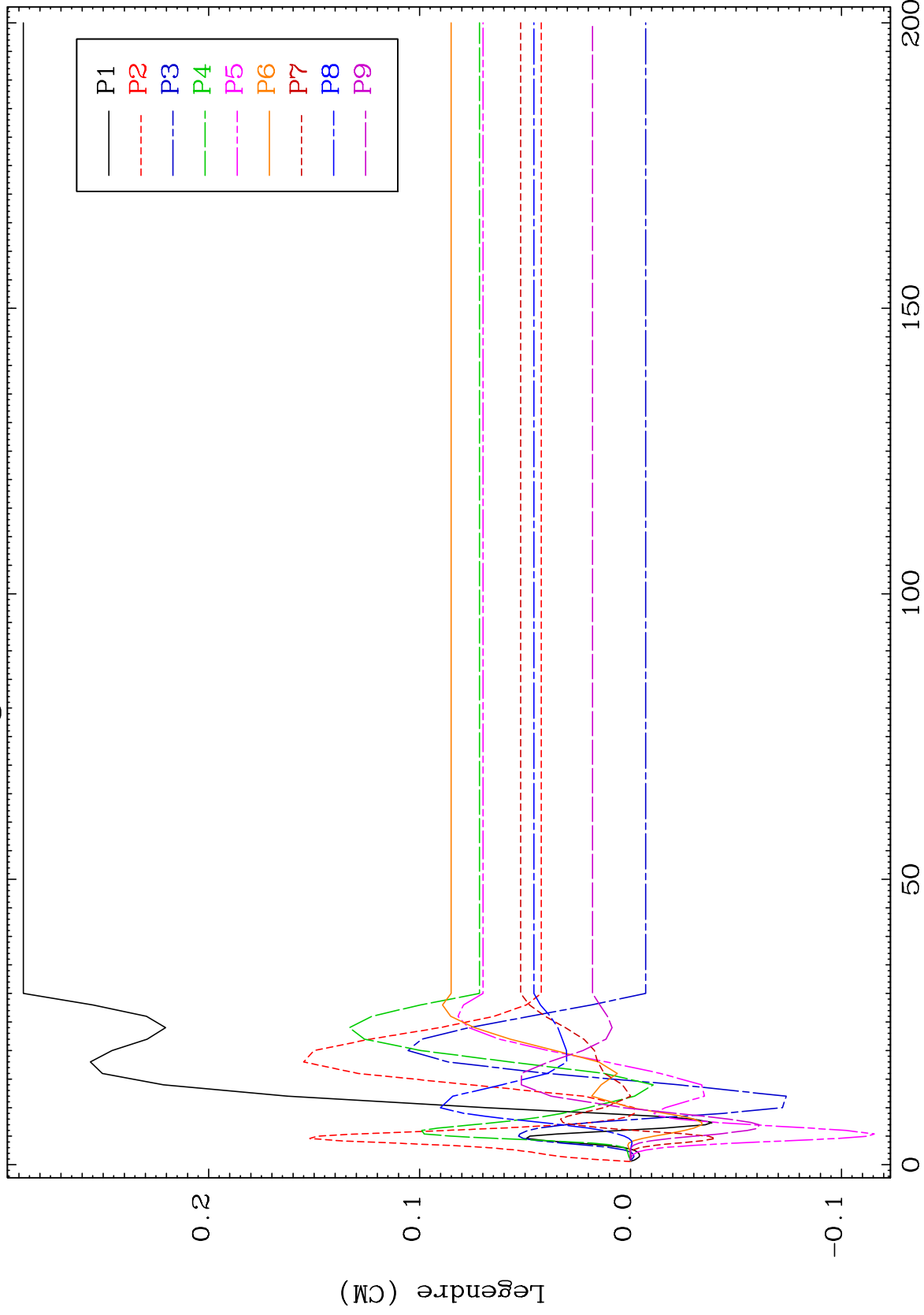




MAT 6298

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

63-Eu-142



41

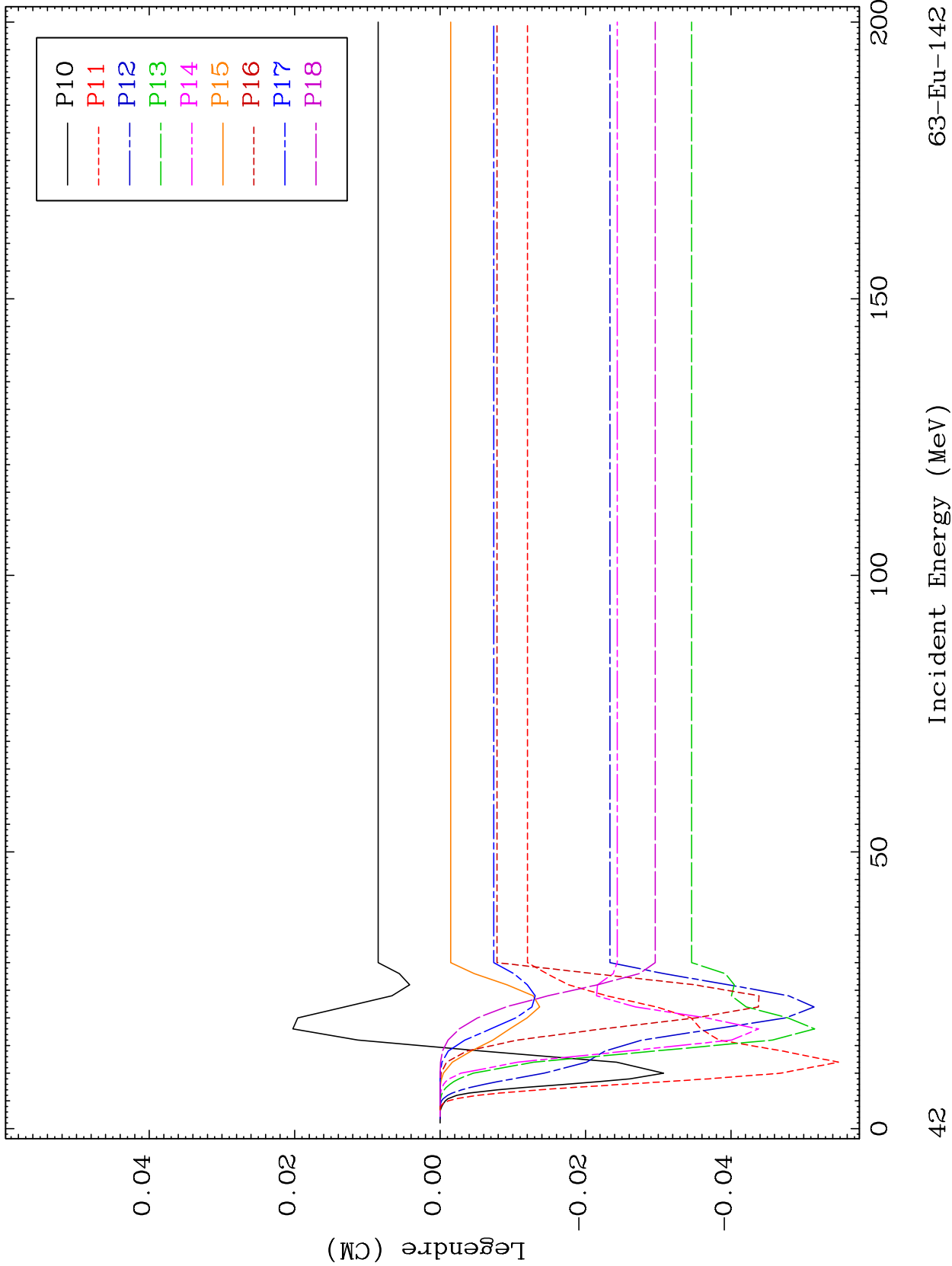
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



63-Eu-142

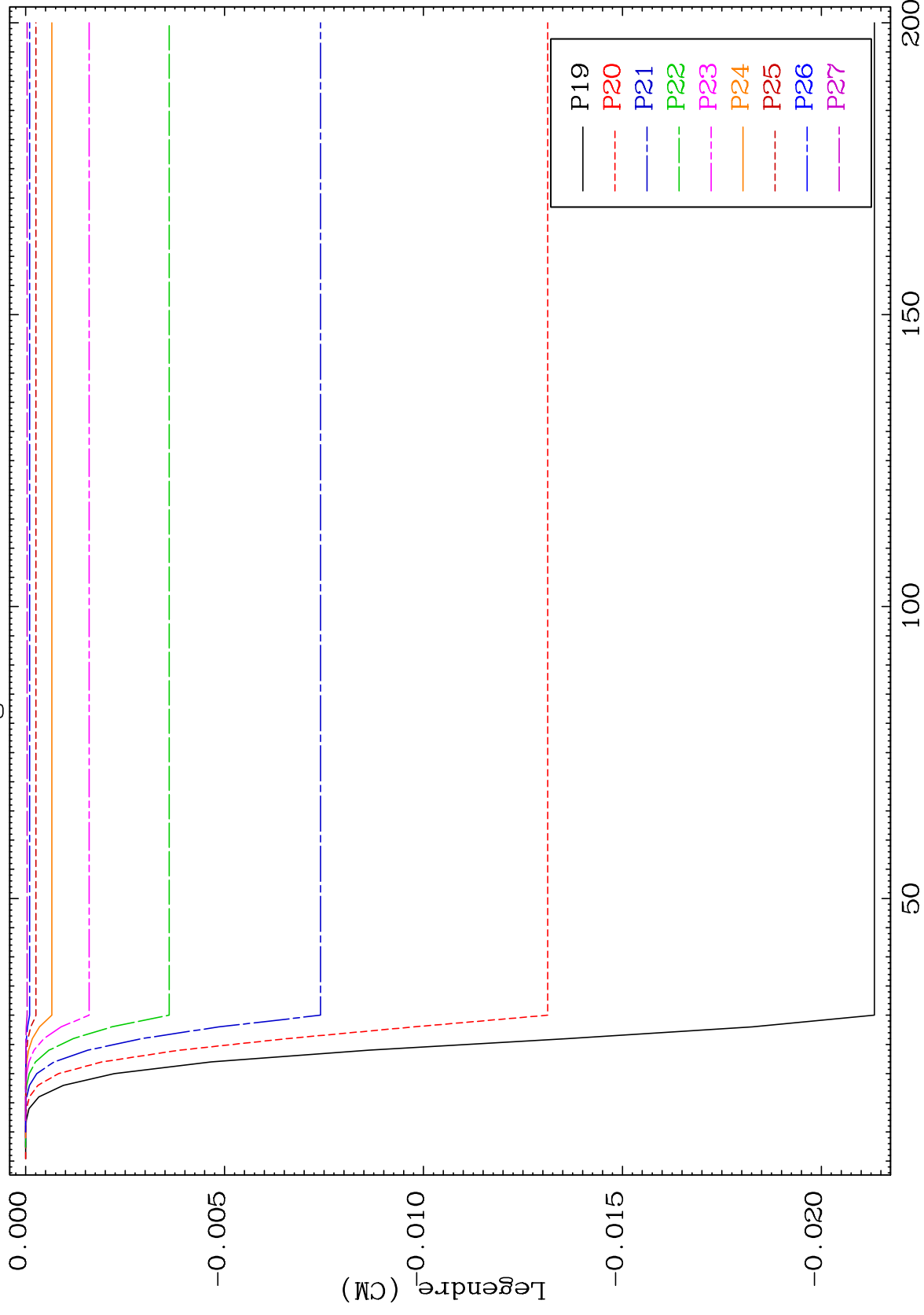
Incident Energy (MeV)

42

MAT 6298

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

63-Eu-142



43

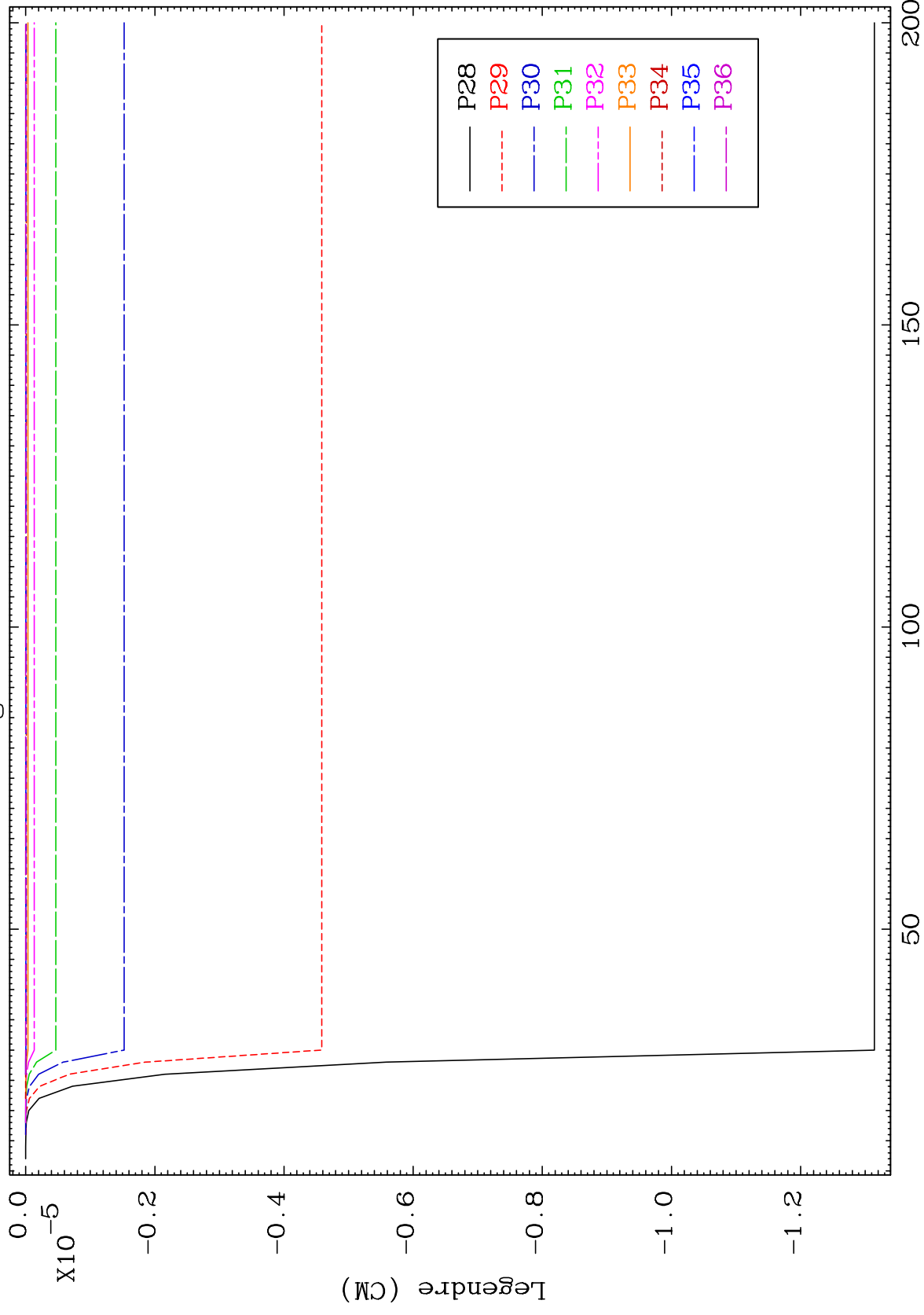
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



44

Incident Energy (MeV)

63-Eu-142

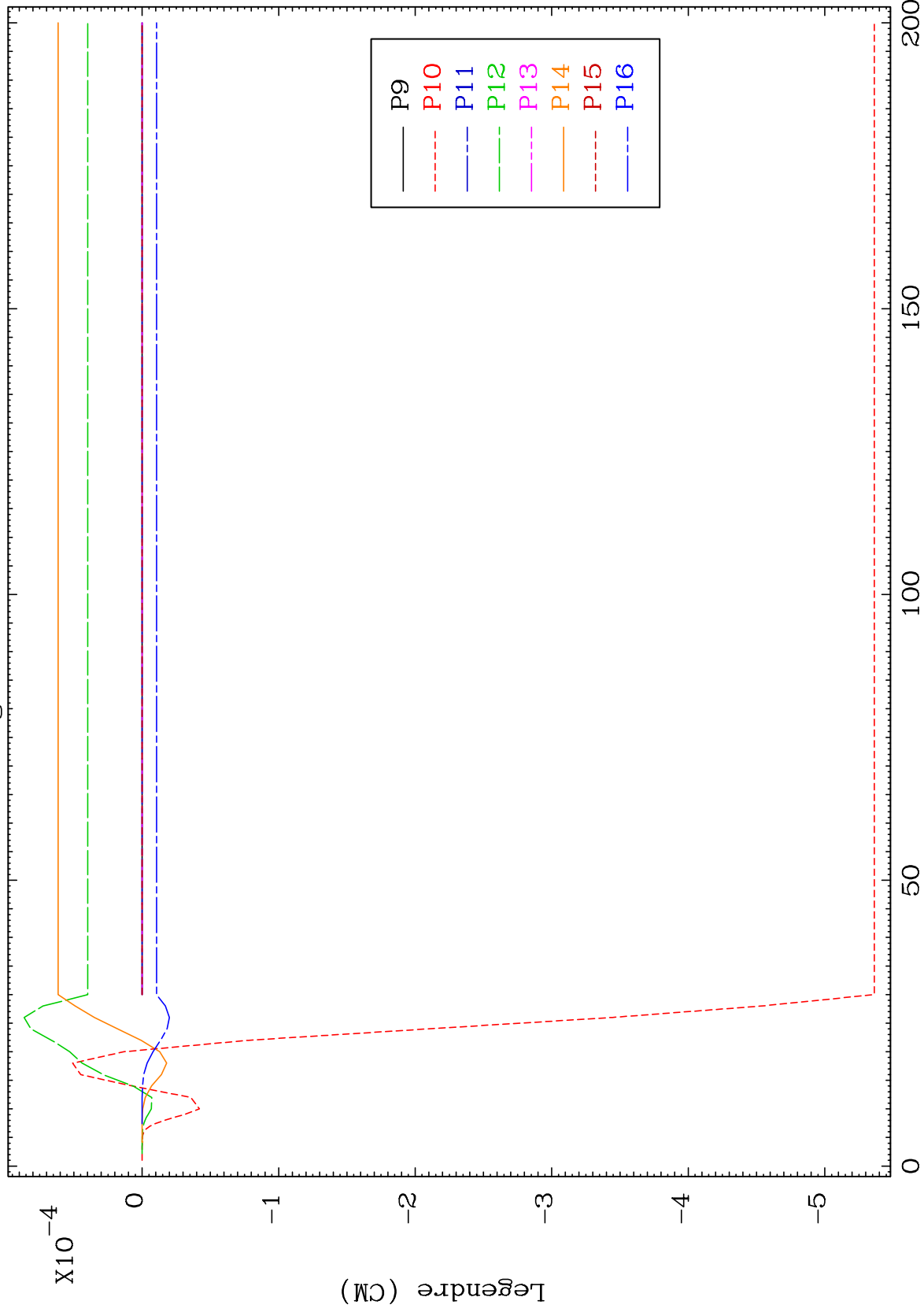


MAT 6298

MT= 58 (n,n') Level

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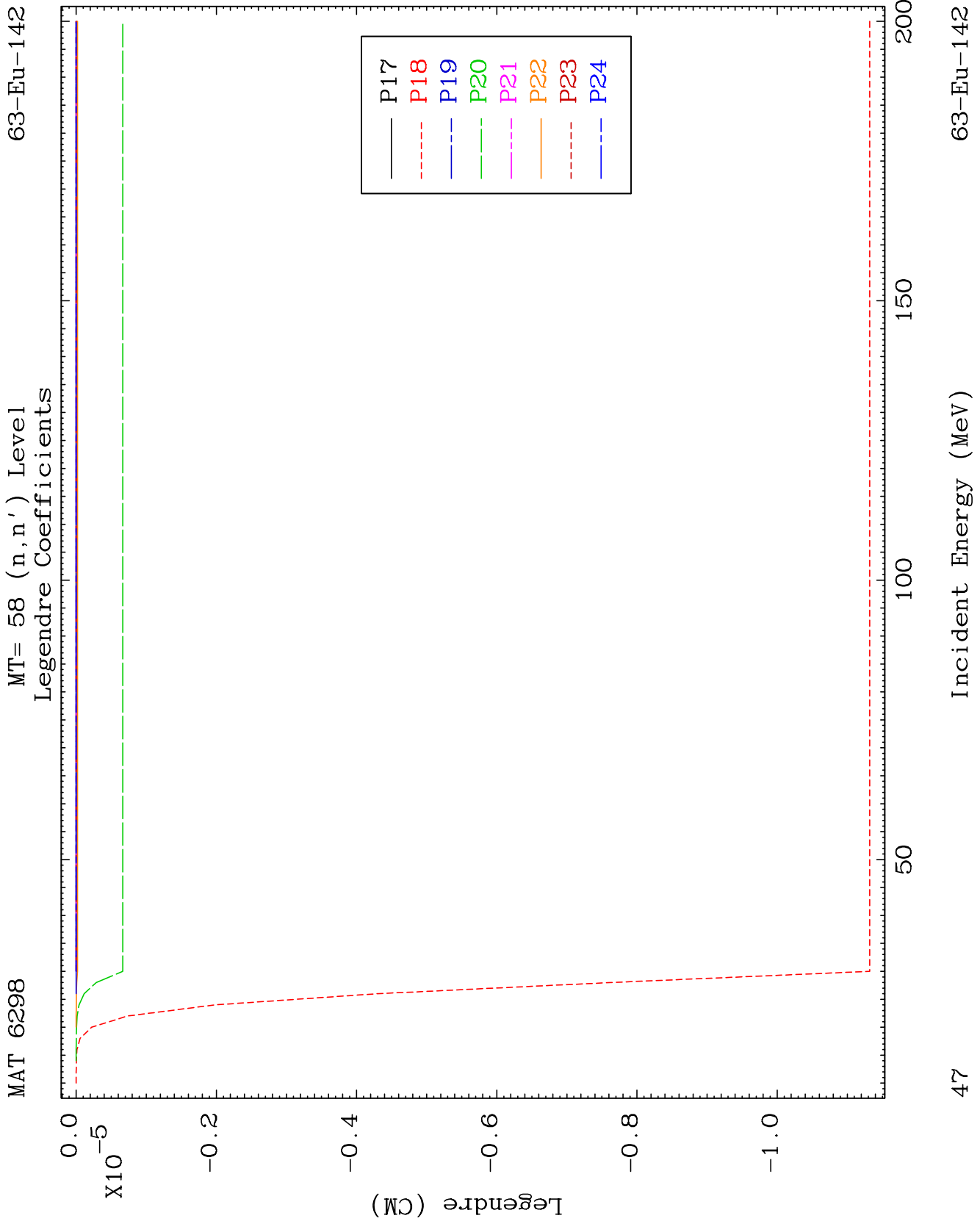
Legendre Coefficients



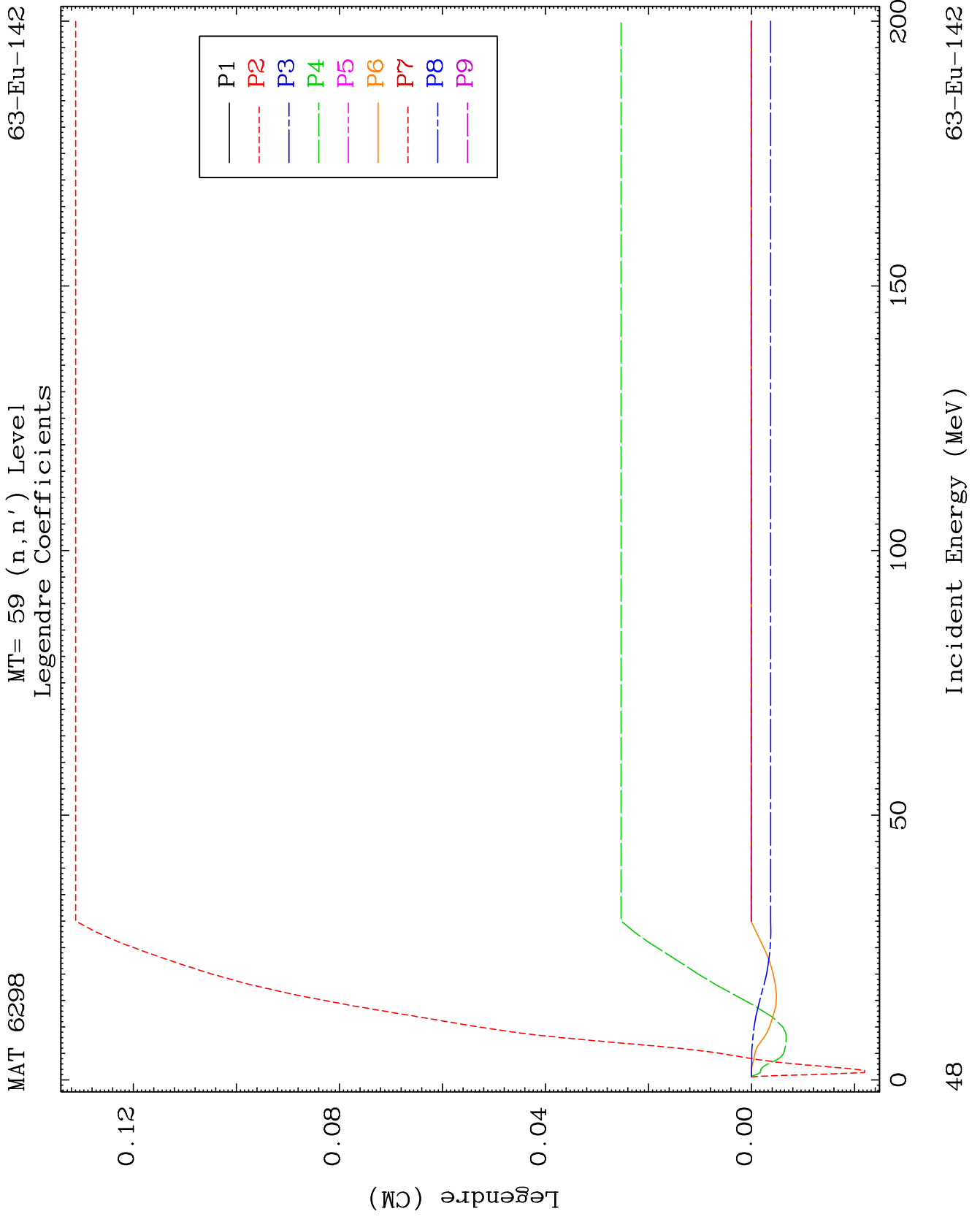
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Incident Energy (MeV)

63-Eu-142



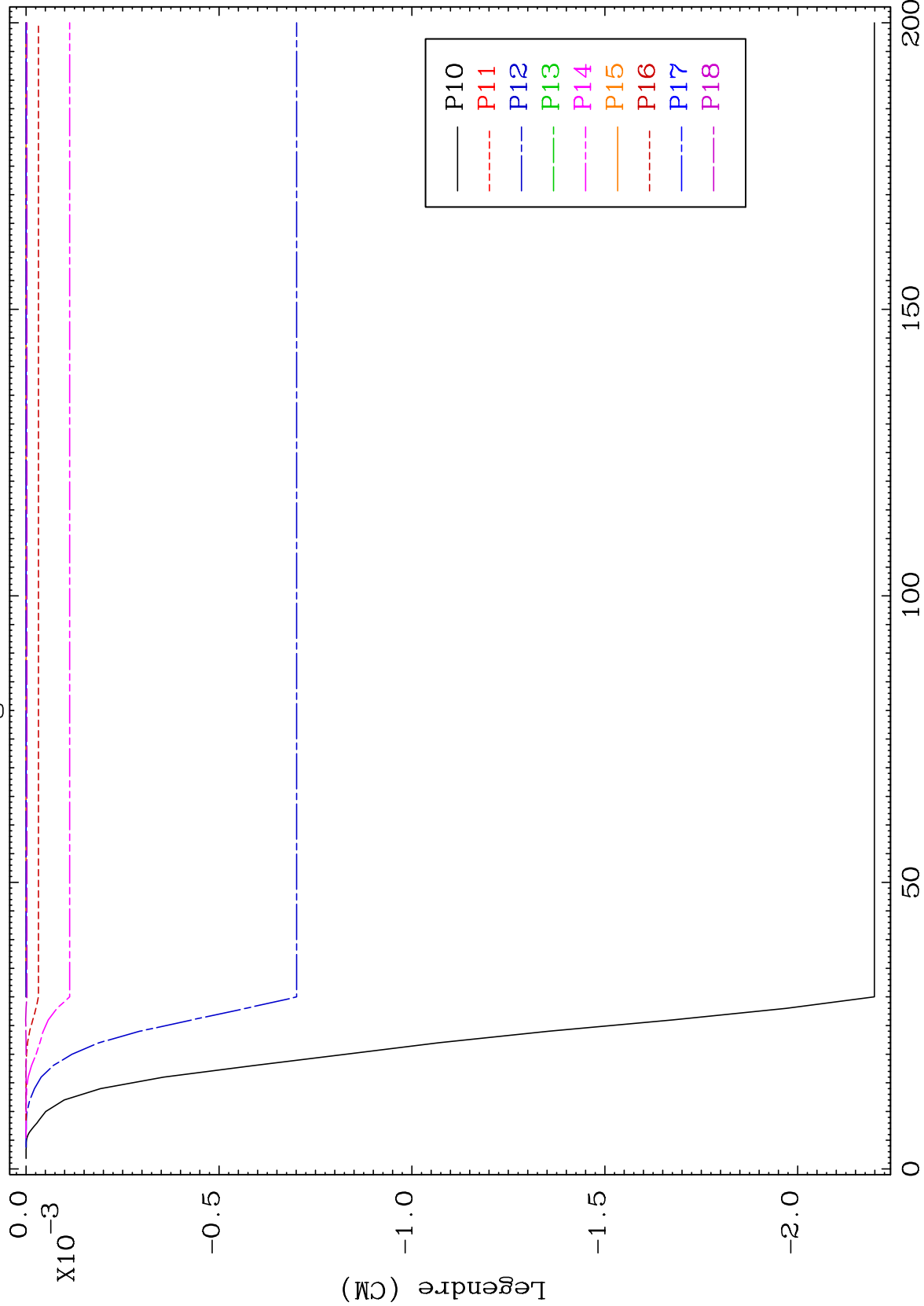




MAT 6298

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

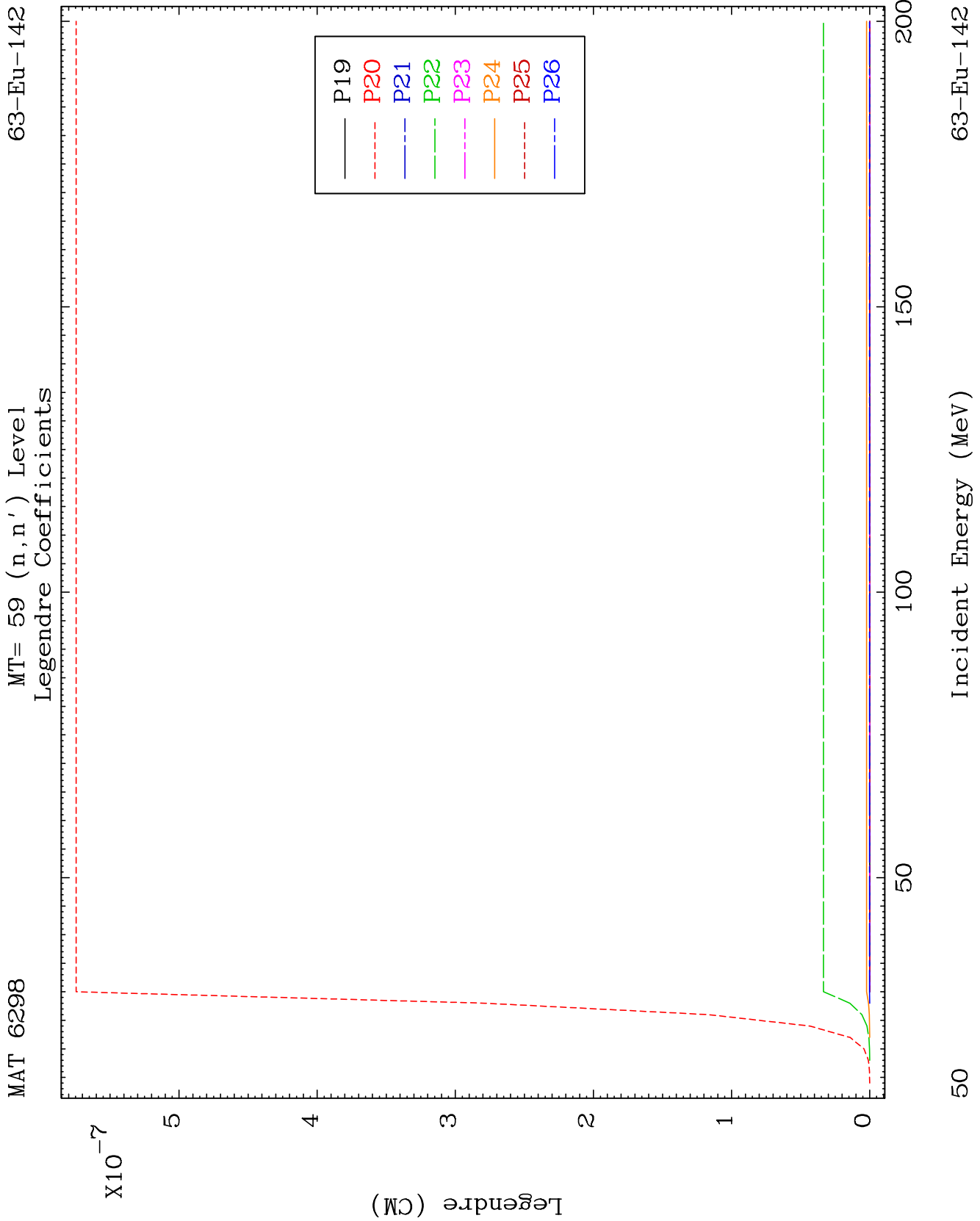
63-Eu-142



49

Incident Energy (MeV)

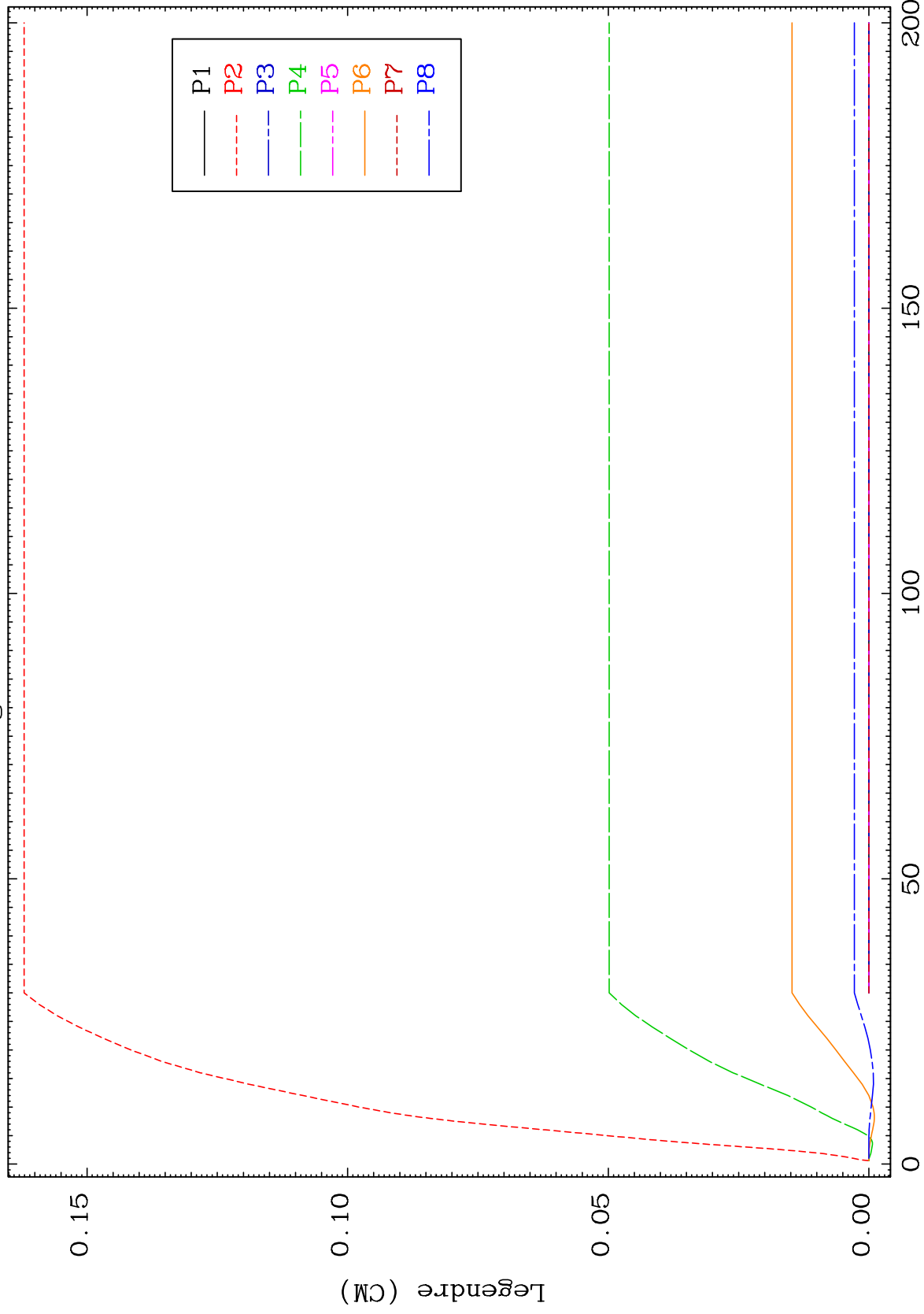
63-Eu-142



MAT 6298

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

63-Eu-142



51

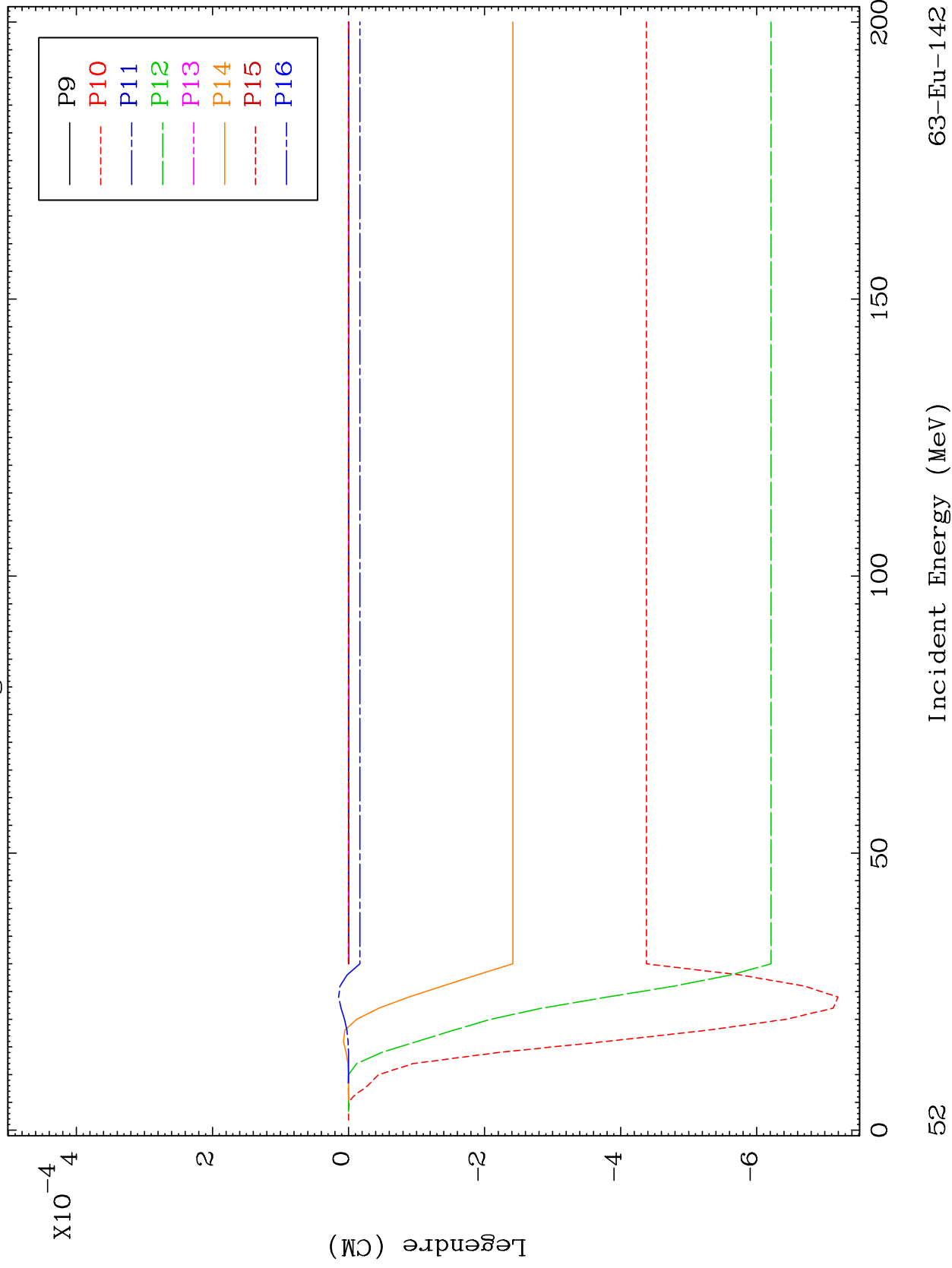
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



63-Eu-142

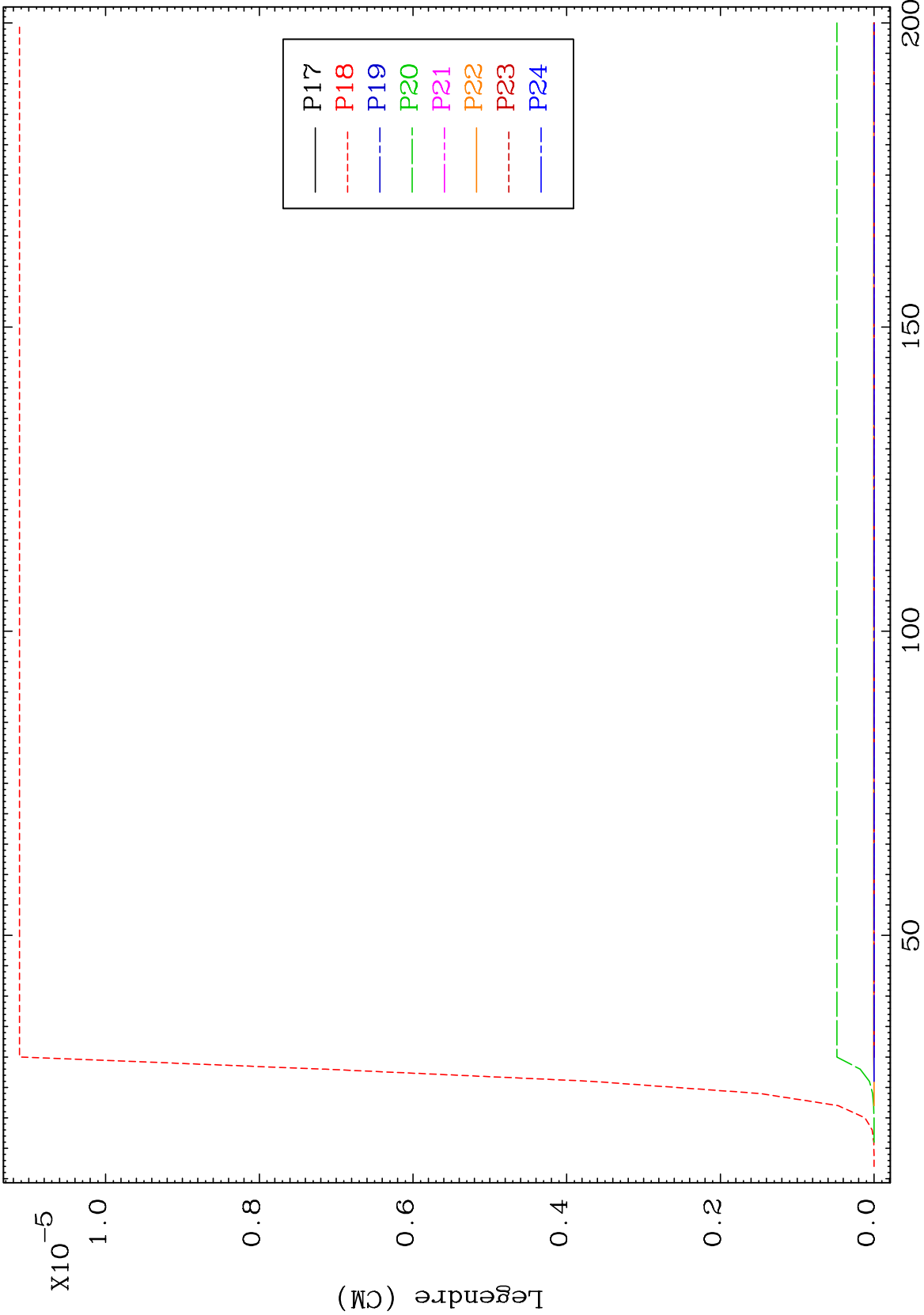
Incident Energy (MeV)

52

MAT 6298

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

63-Eu-142



63-Eu-142

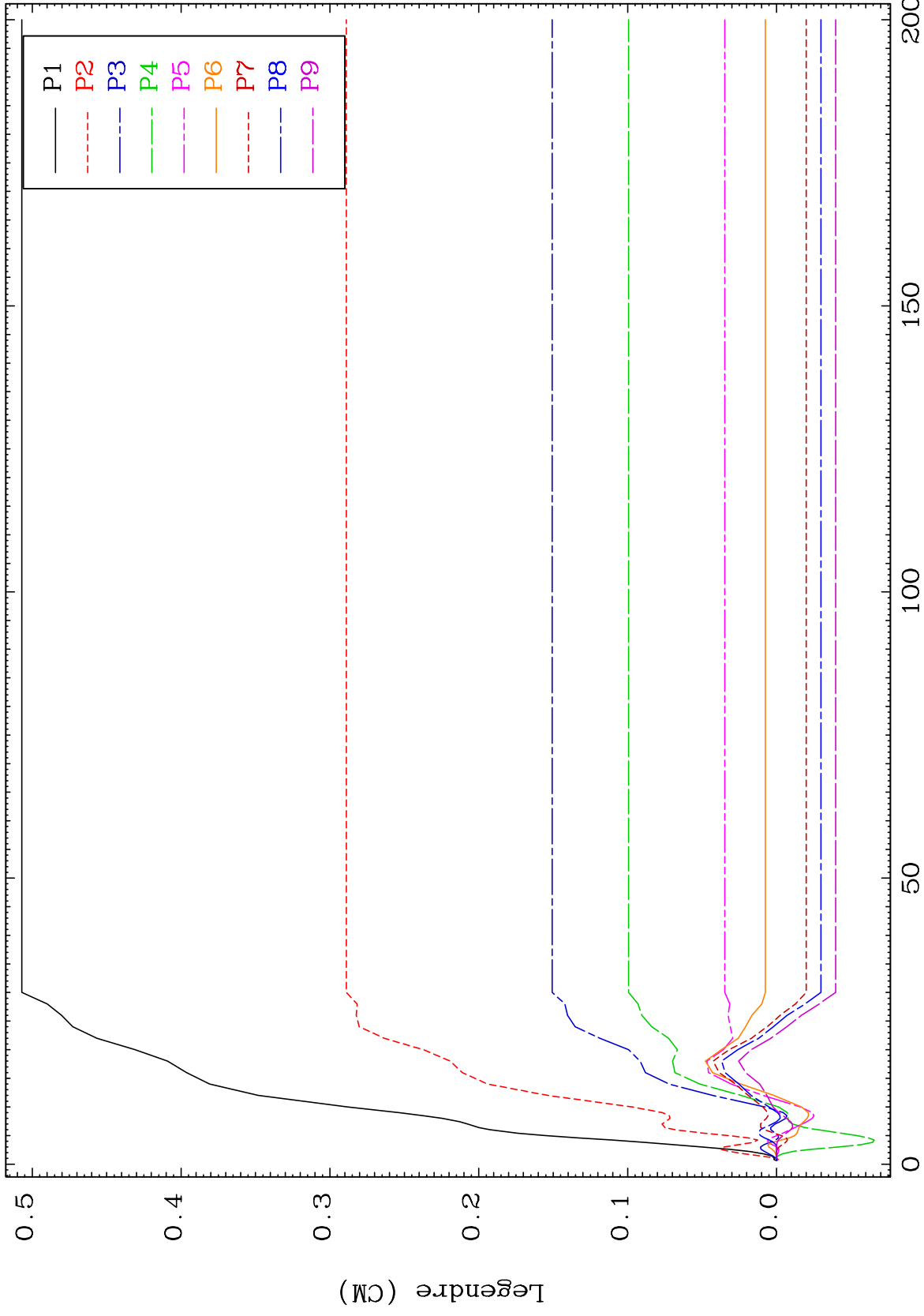
Incident Energy (MeV)

53

MAT 6298

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

63-Eu-142



54

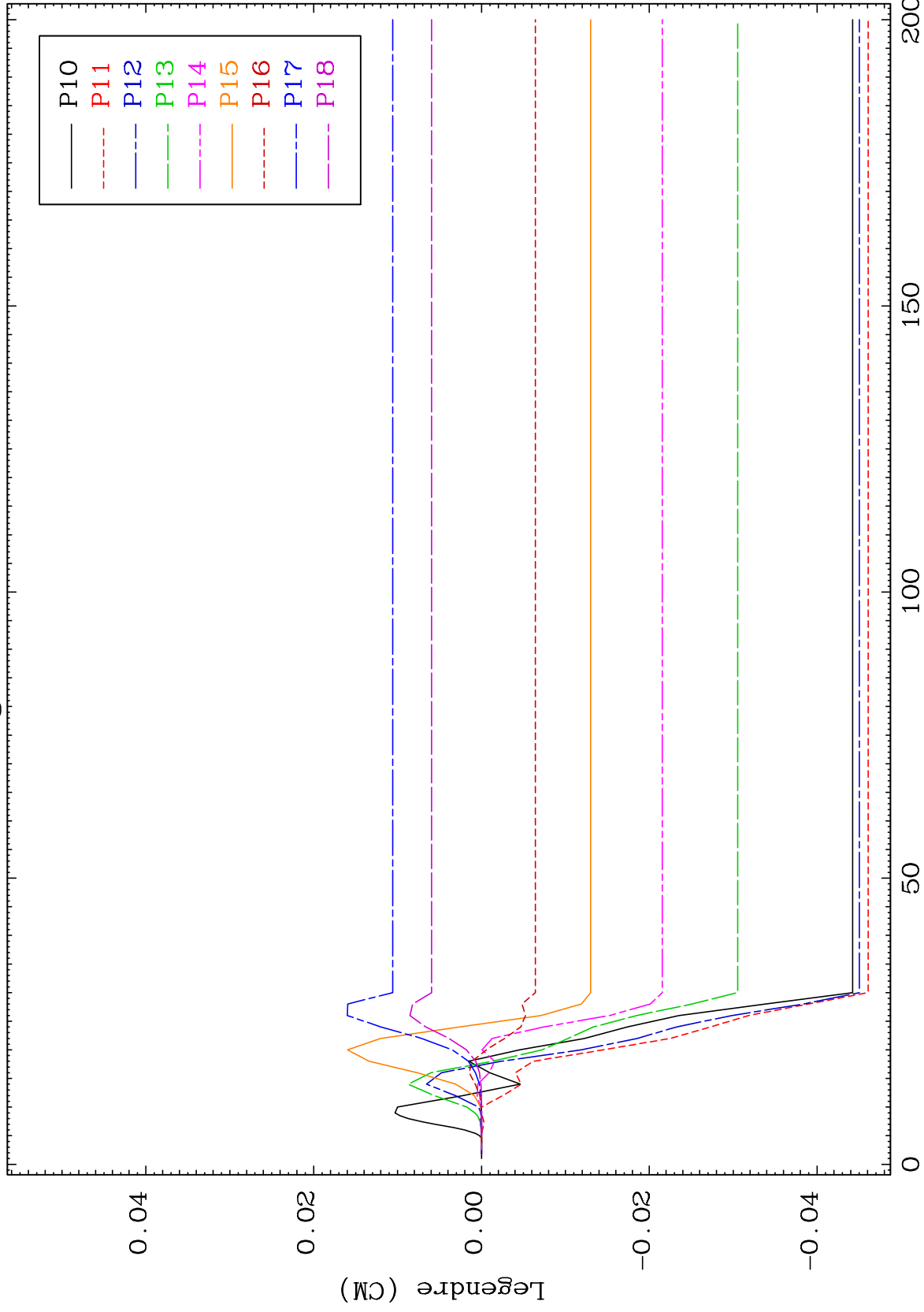
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



55

Incident Energy (MeV)

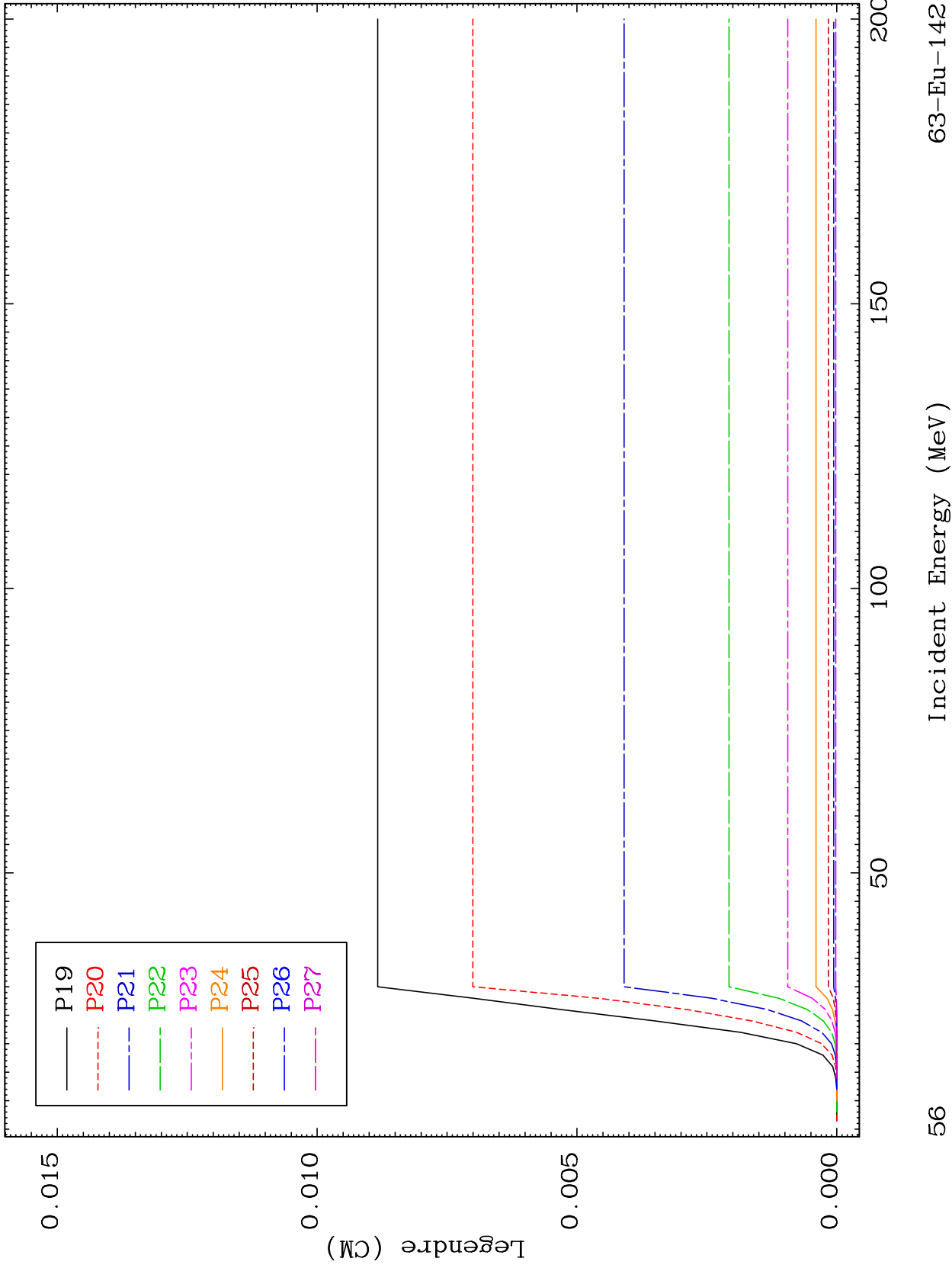
63-Eu-142



MAT 6298

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

63-Eu-142



56

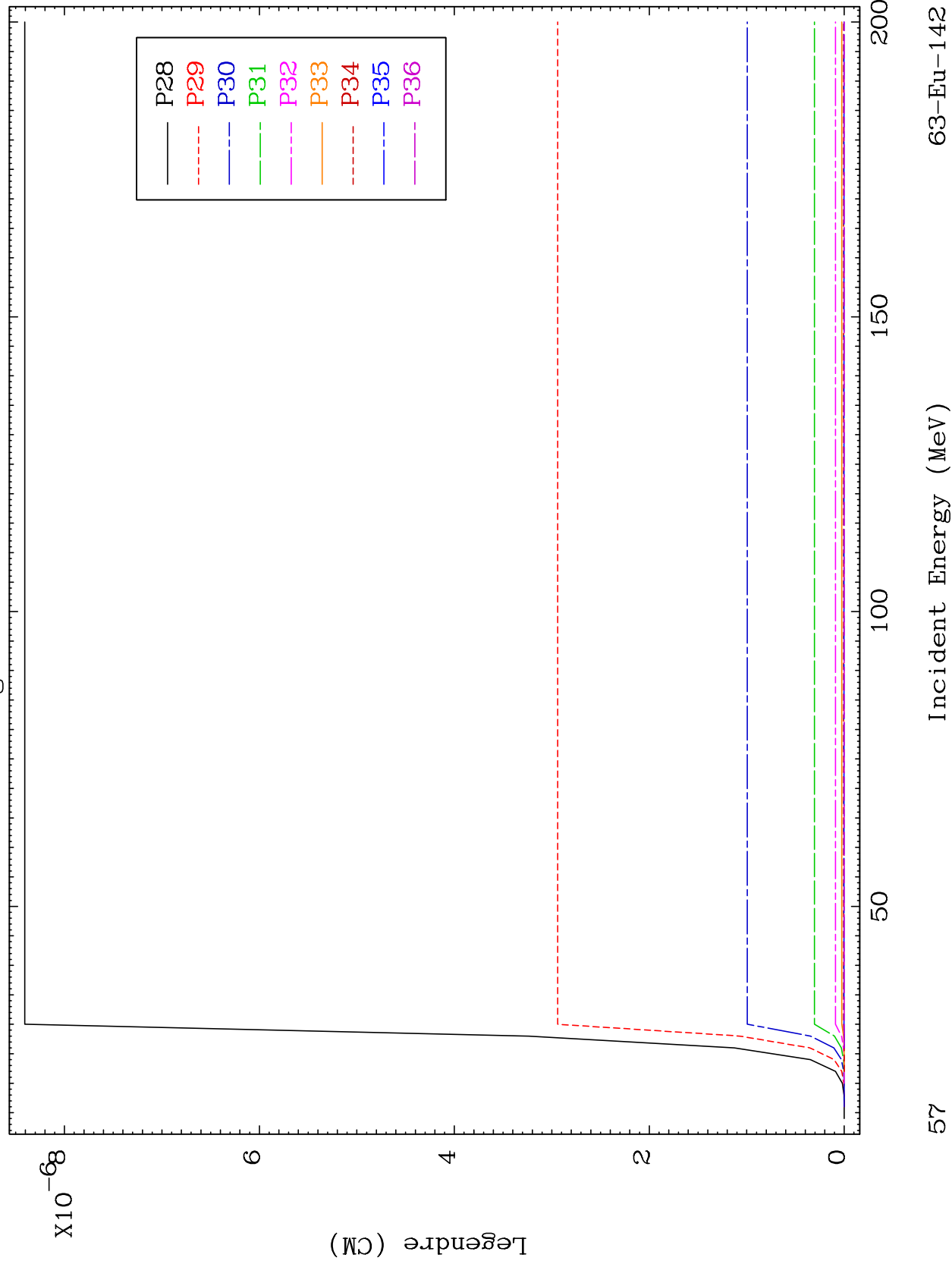
Incident Energy (MeV)

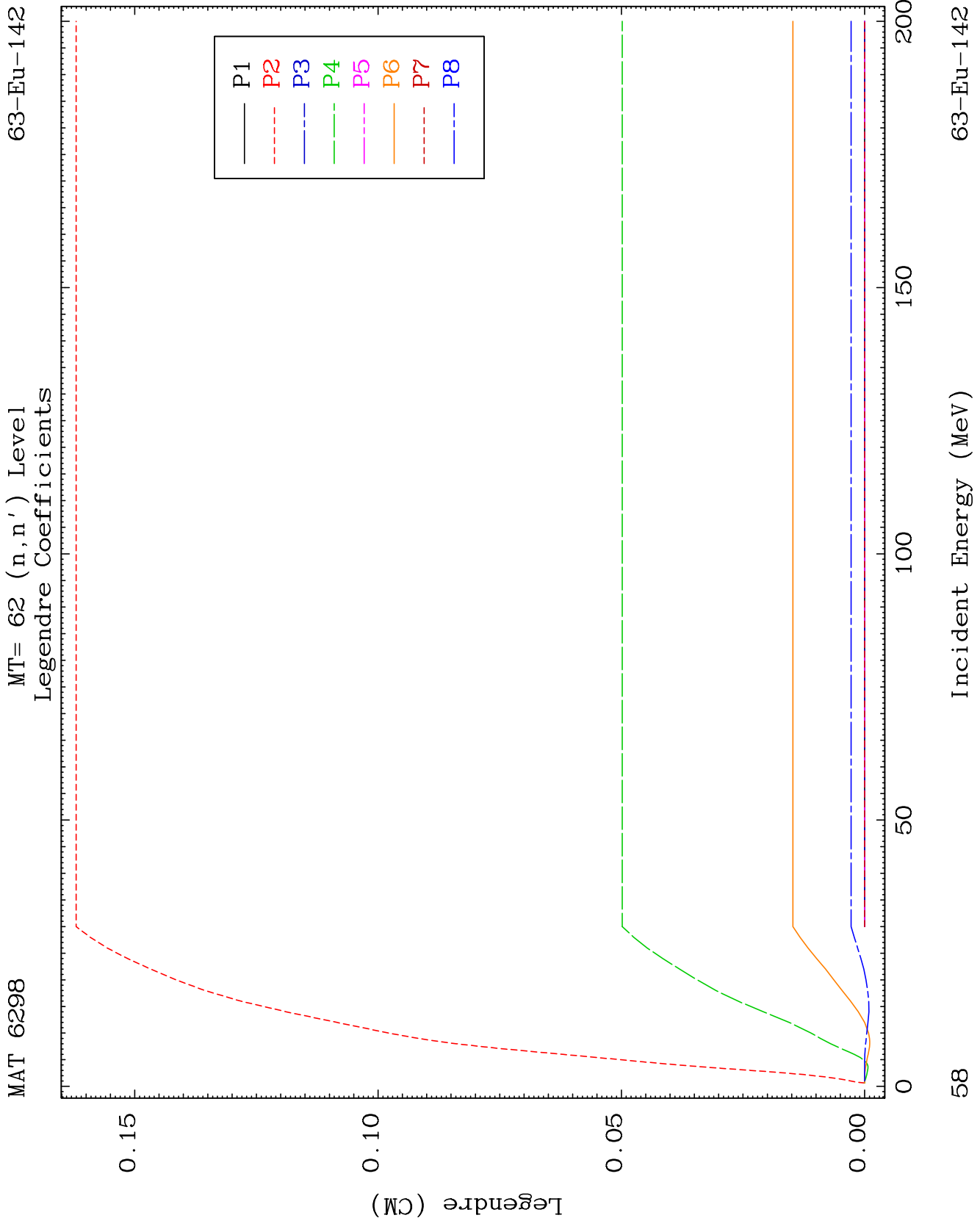
63-Eu-142

MAT 6298

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

63-Eu-142

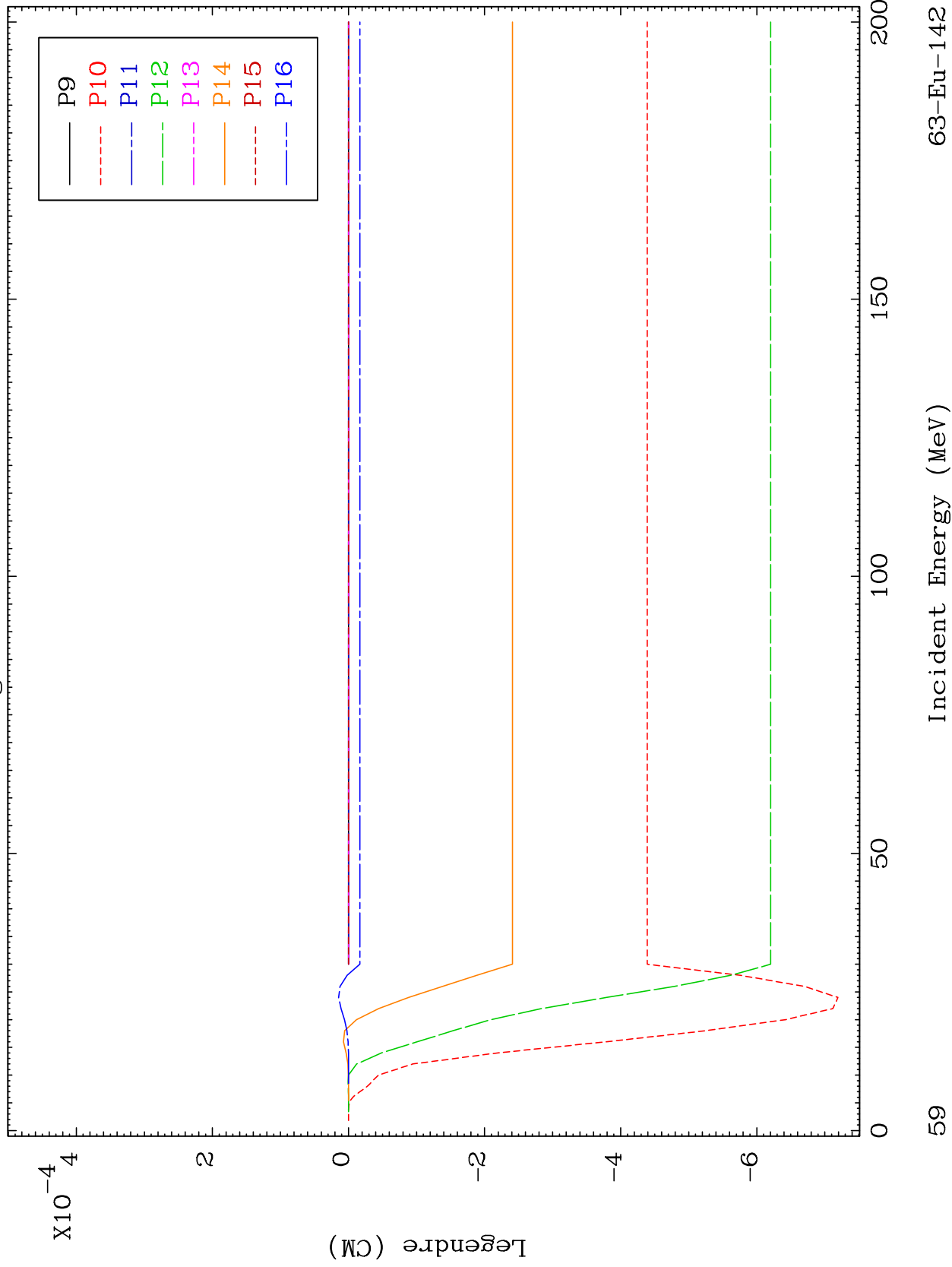




MAT 6298

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

63-Eu-142

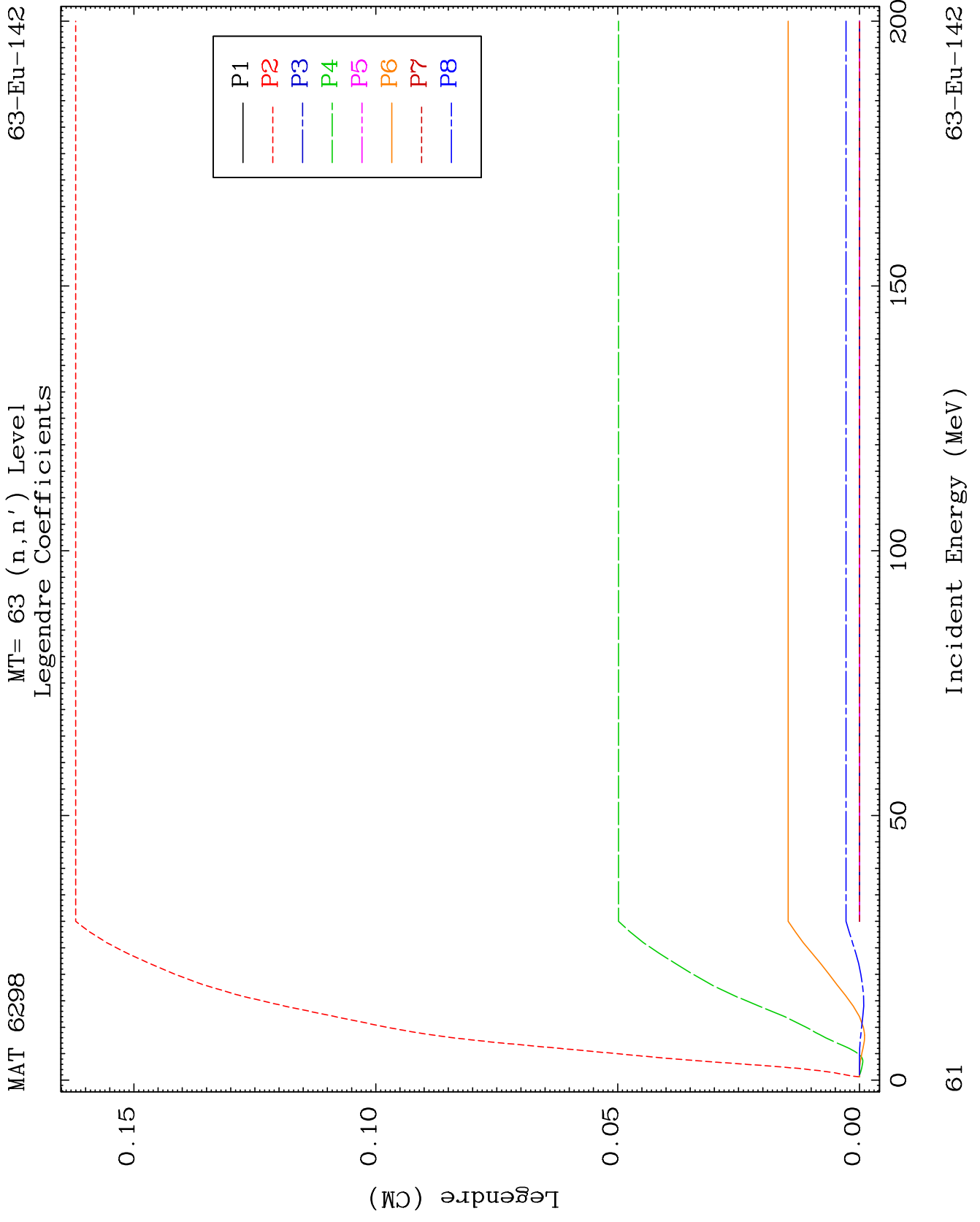


63-Eu-142

Incident Energy (MeV)

59

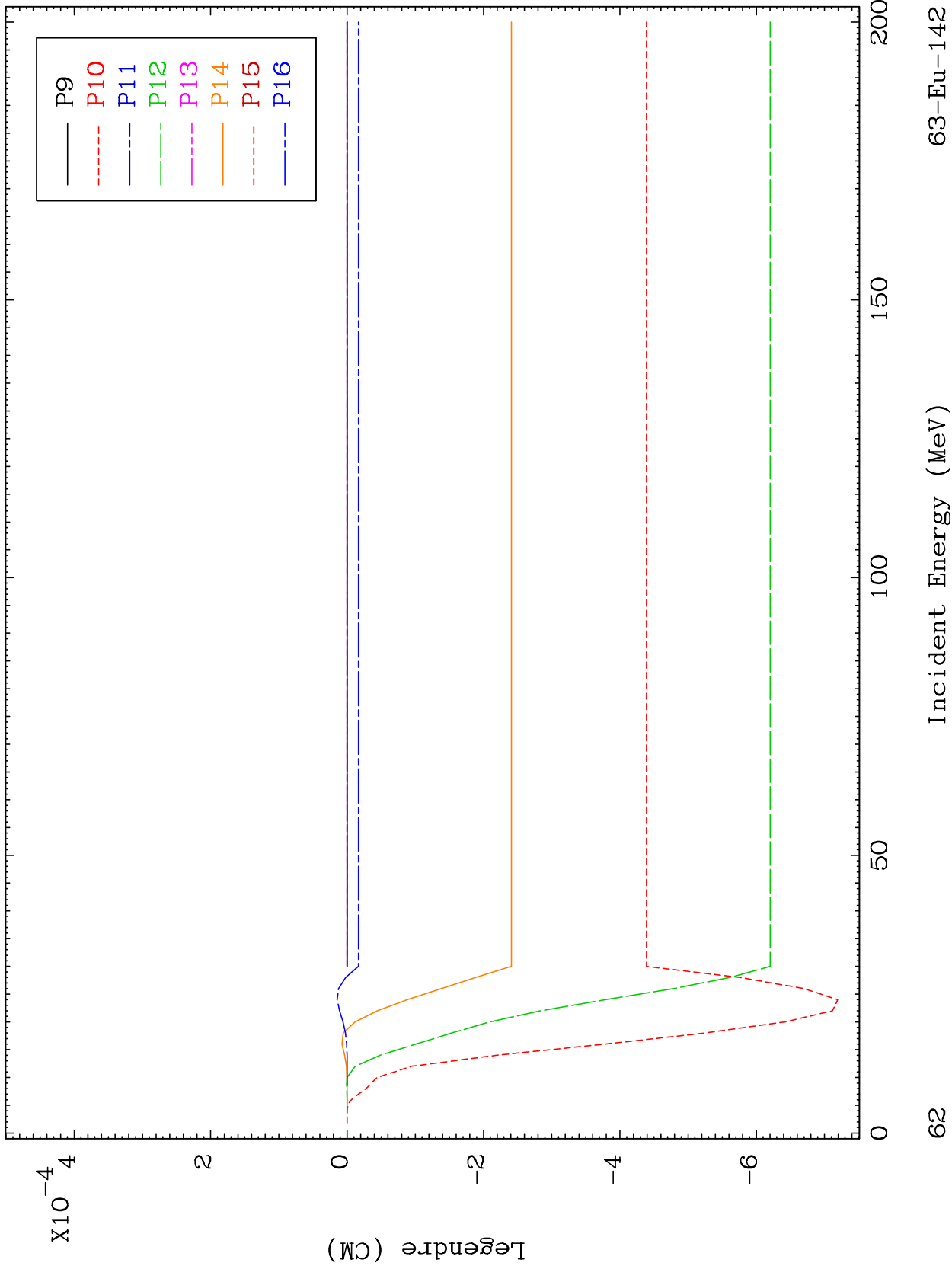




MAT 6298

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

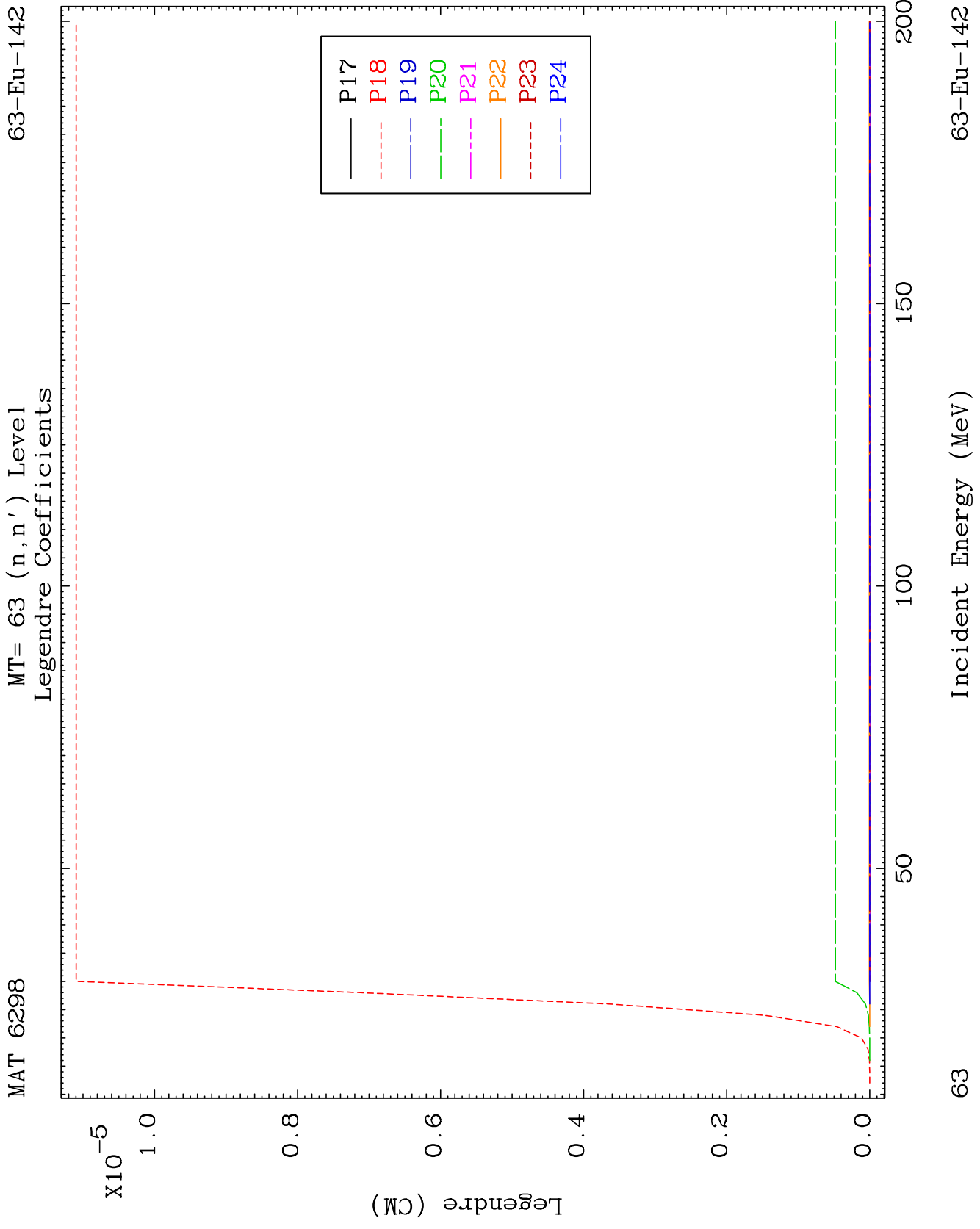
63-Eu-142



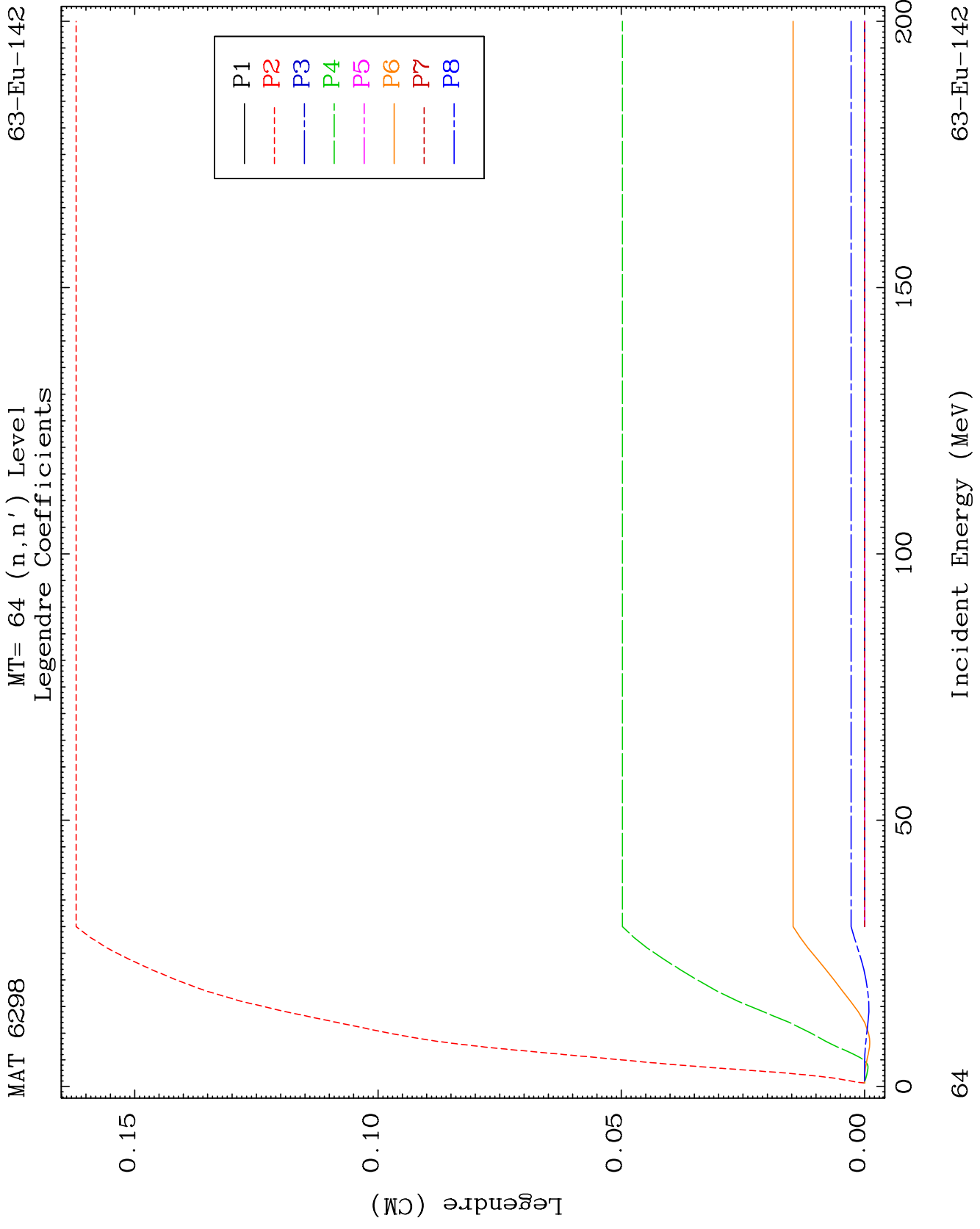
63-Eu-142

Incident Energy (MeV)

62



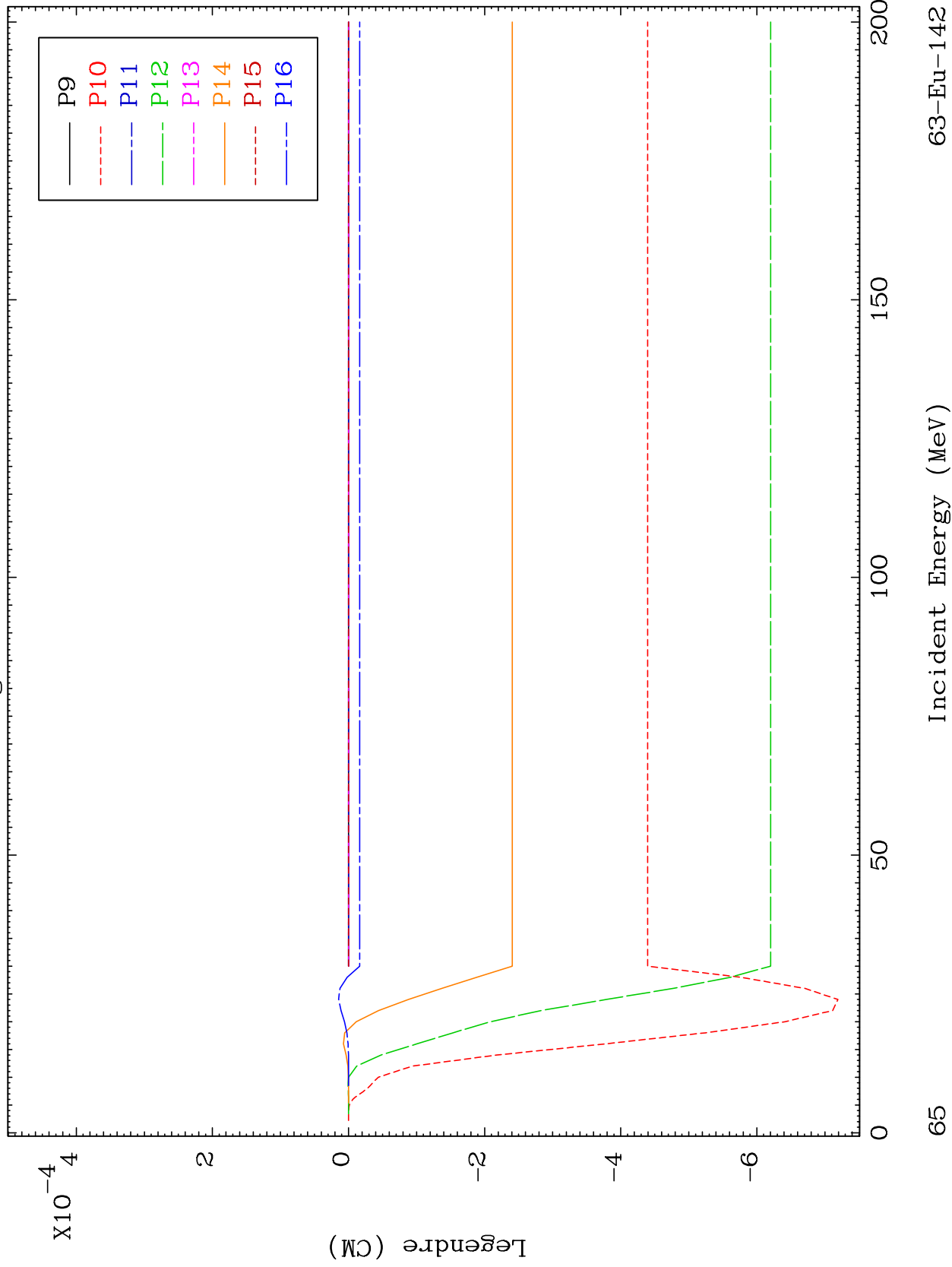




MAT 6298

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

63-Eu-142

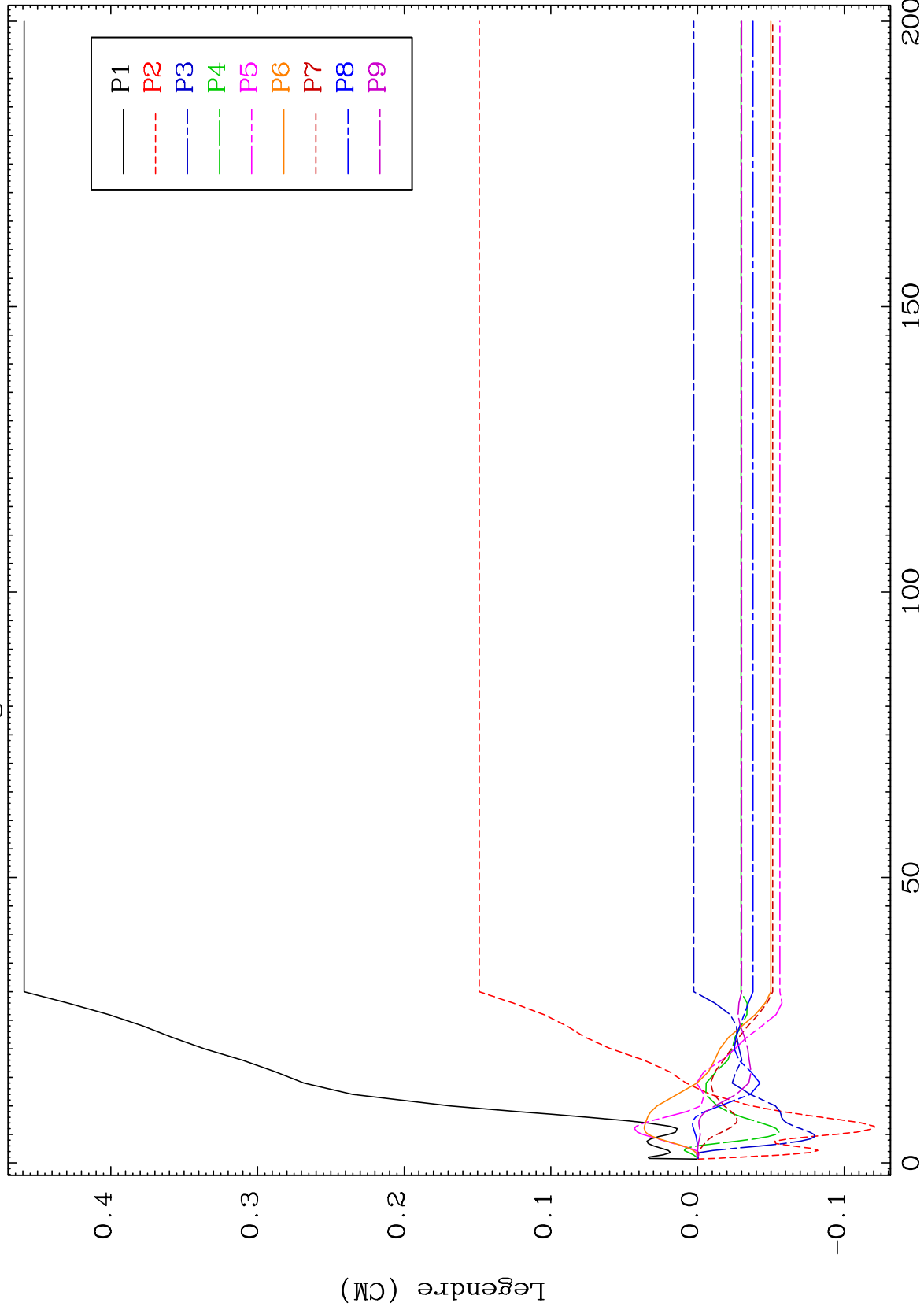




MAT 6298

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

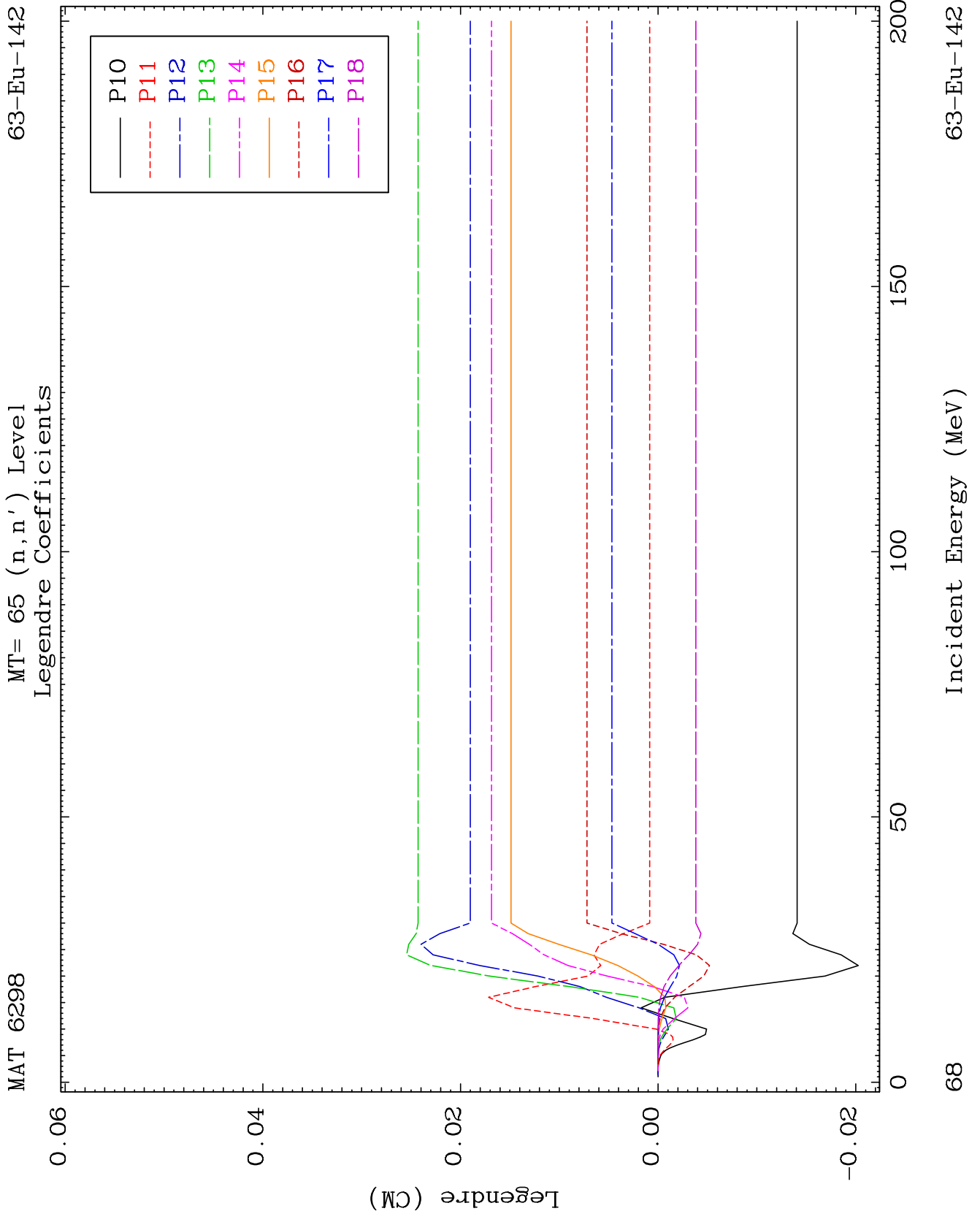
63-Eu-142



67

Incident Energy (MeV)

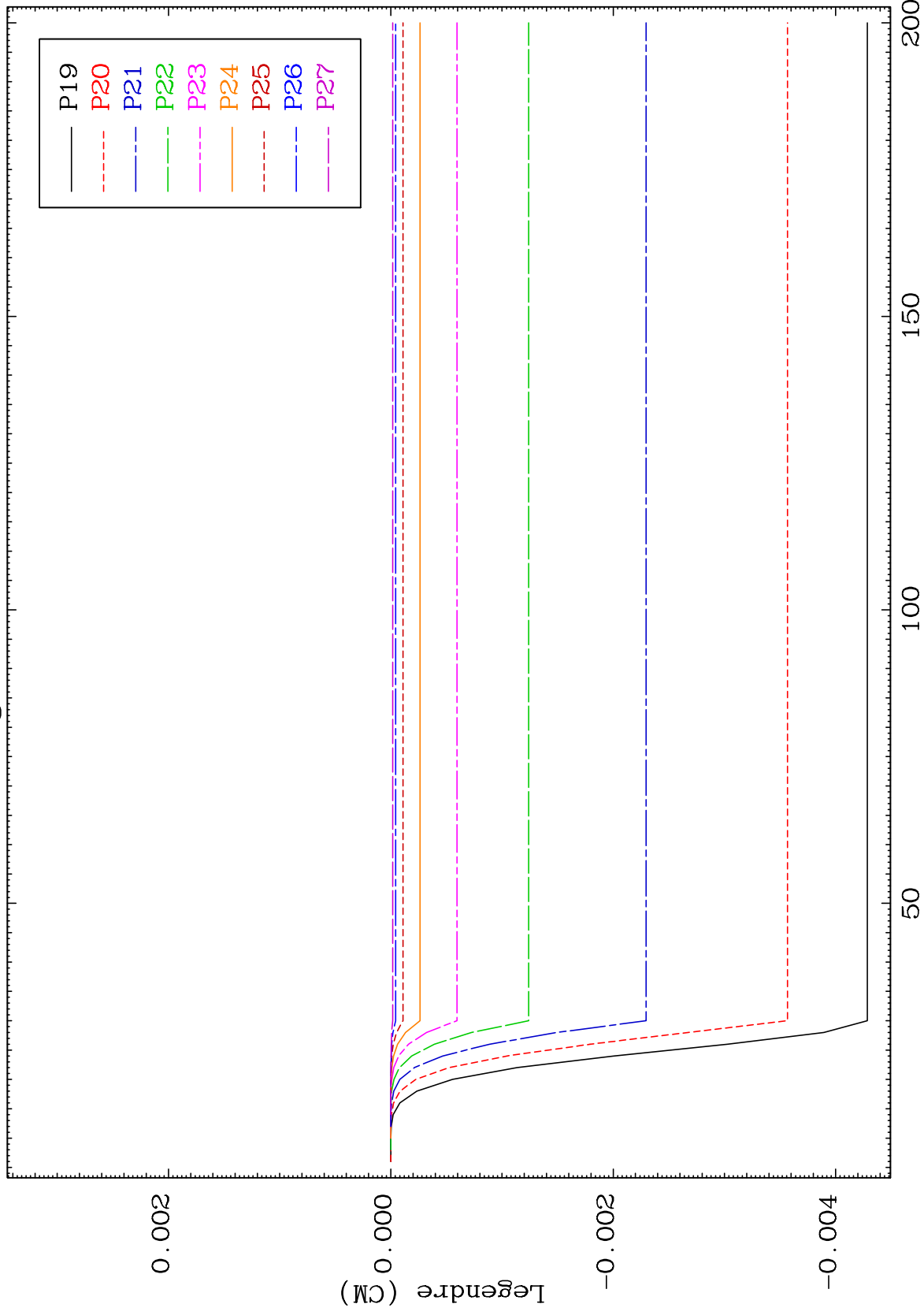
63-Eu-142



MAT 6298

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

63-Eu-142



69

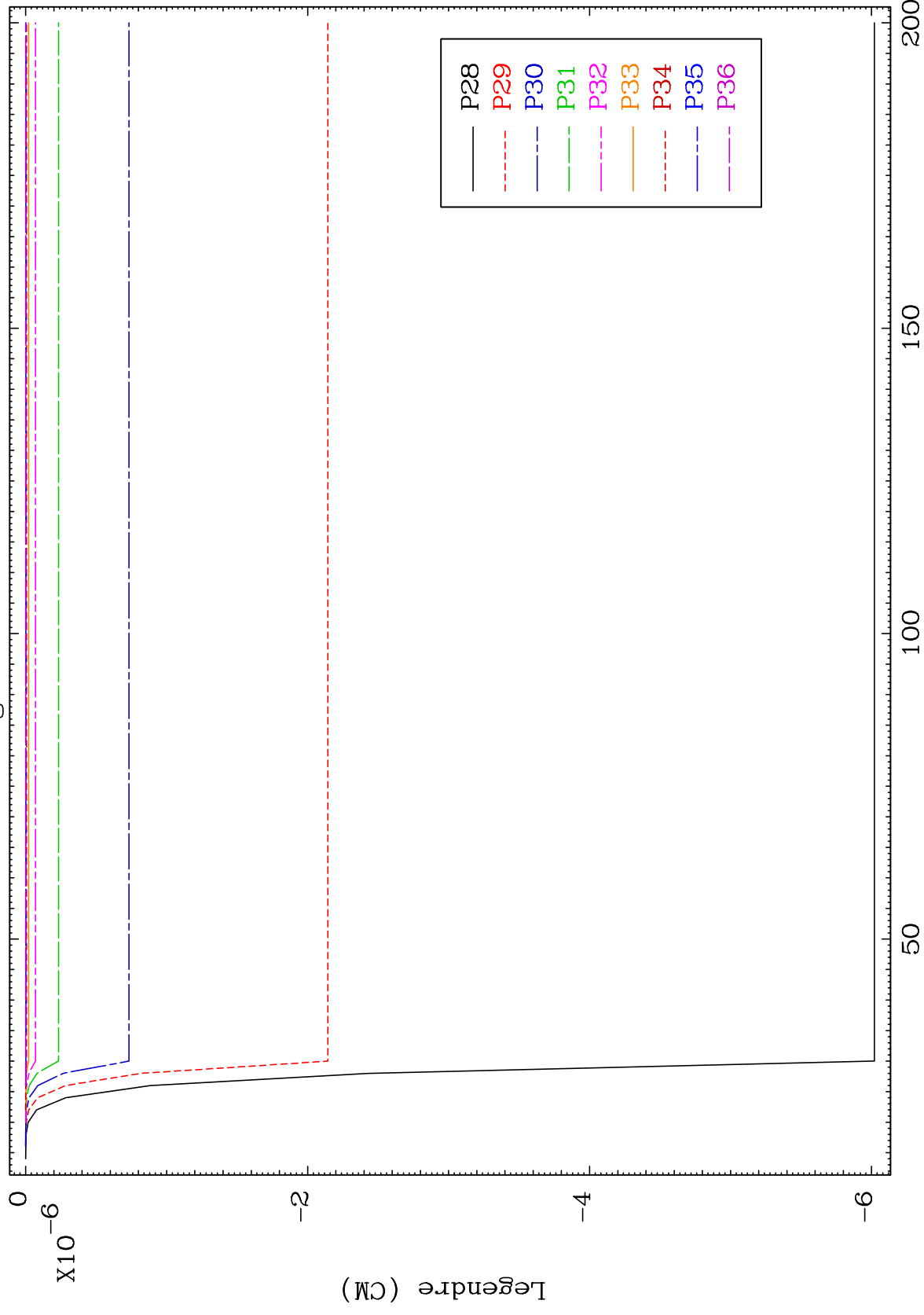
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



70

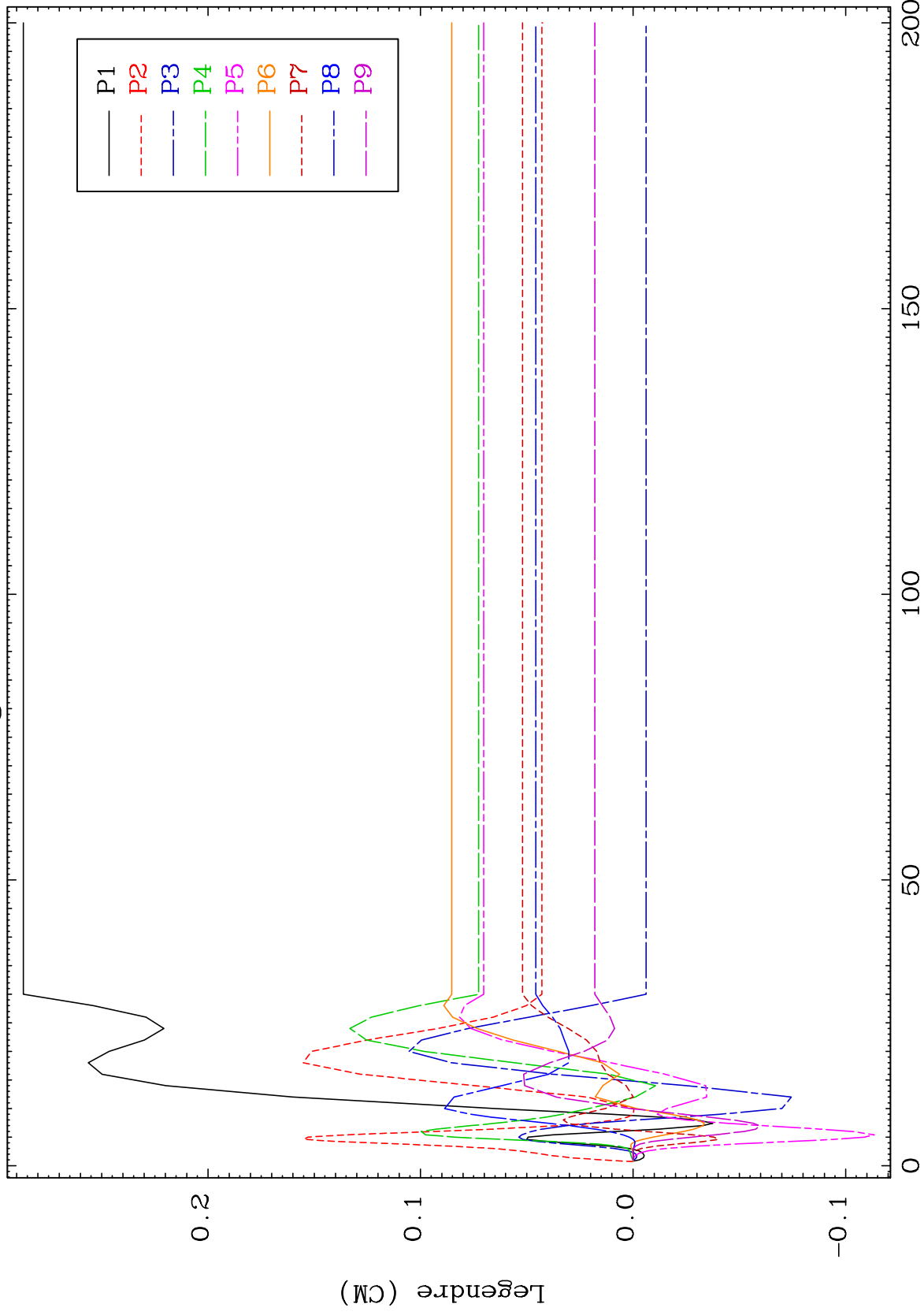
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



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Incident Energy (MeV)

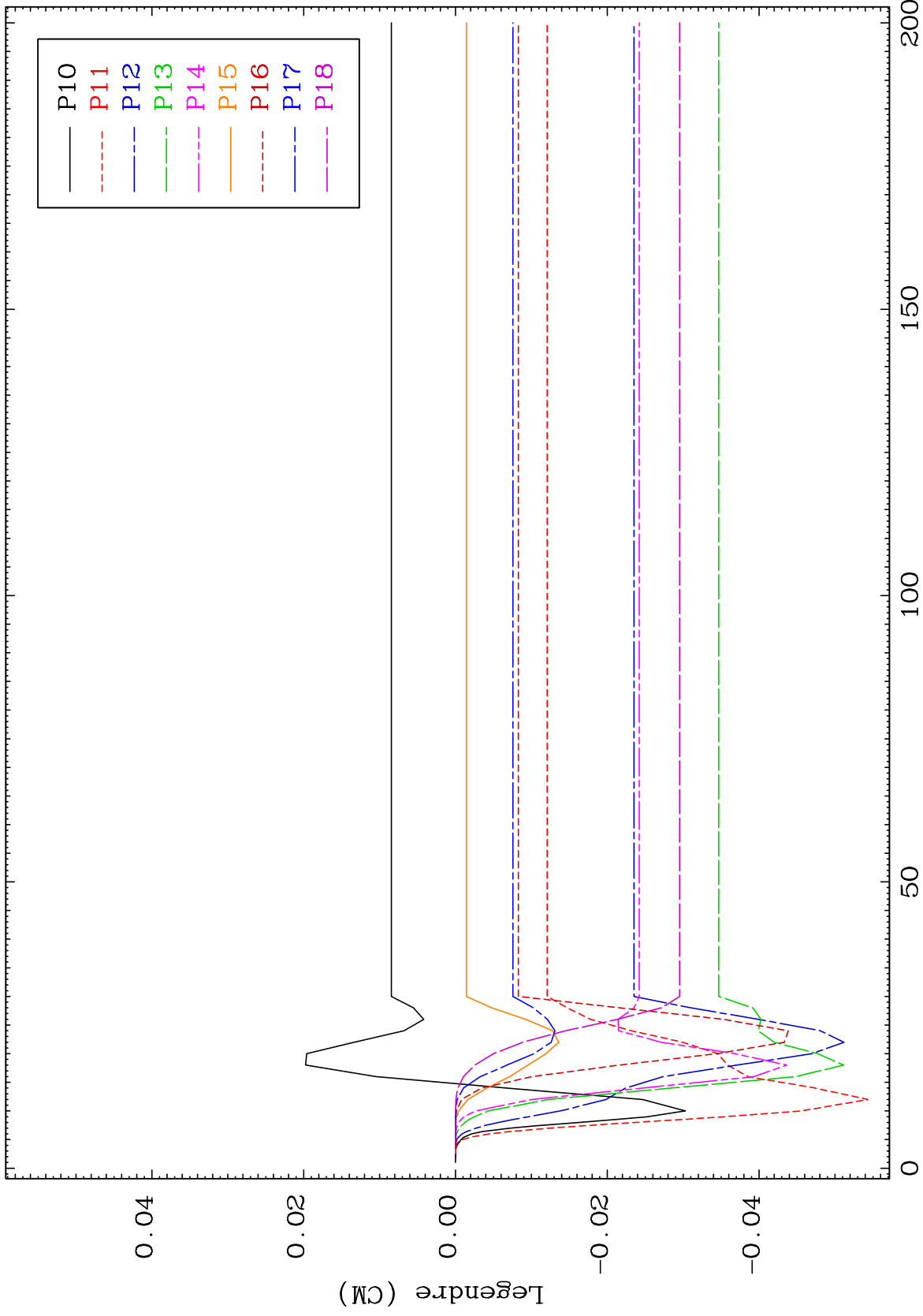
63-Eu-142



MAT 6298

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

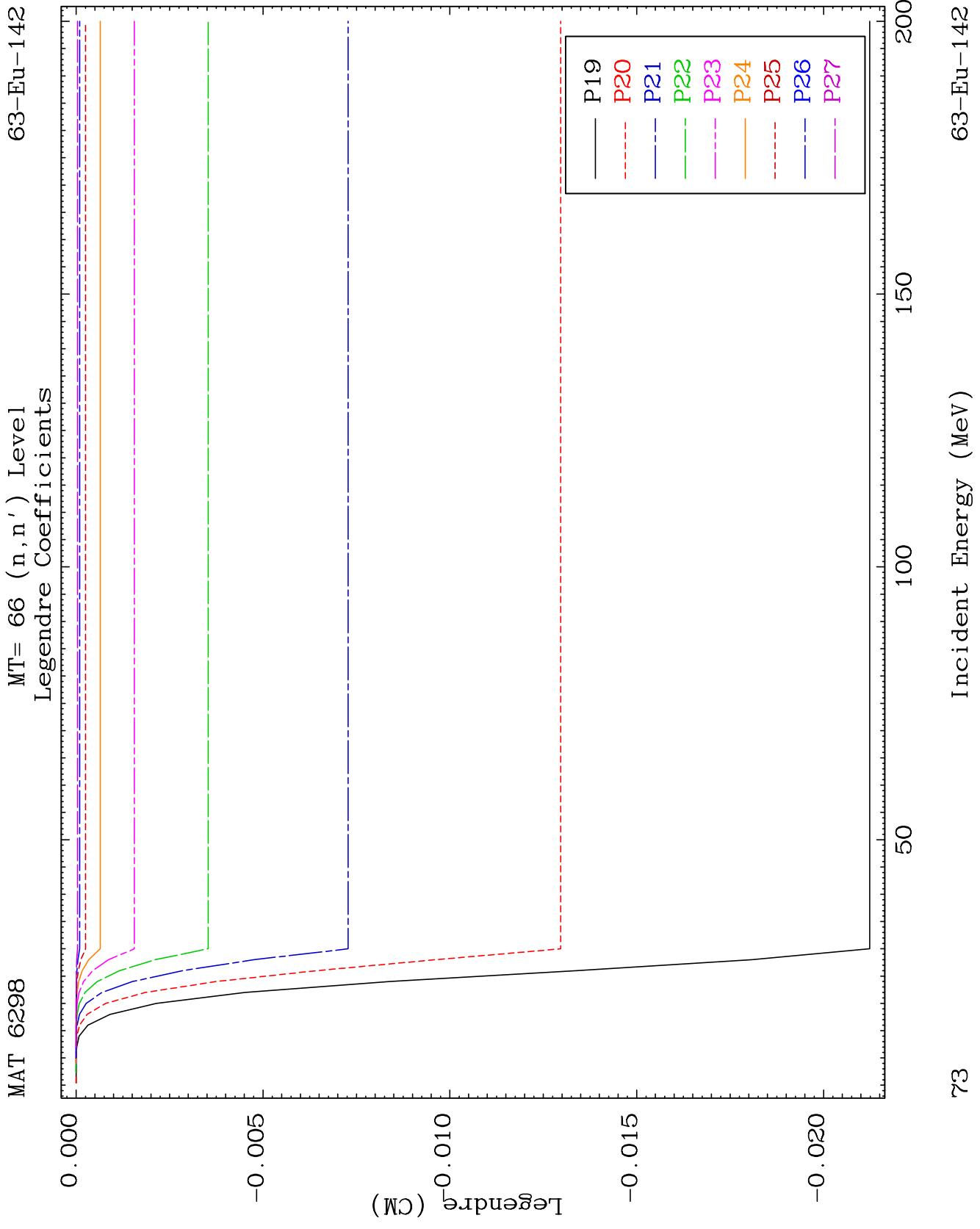
63-Eu-142

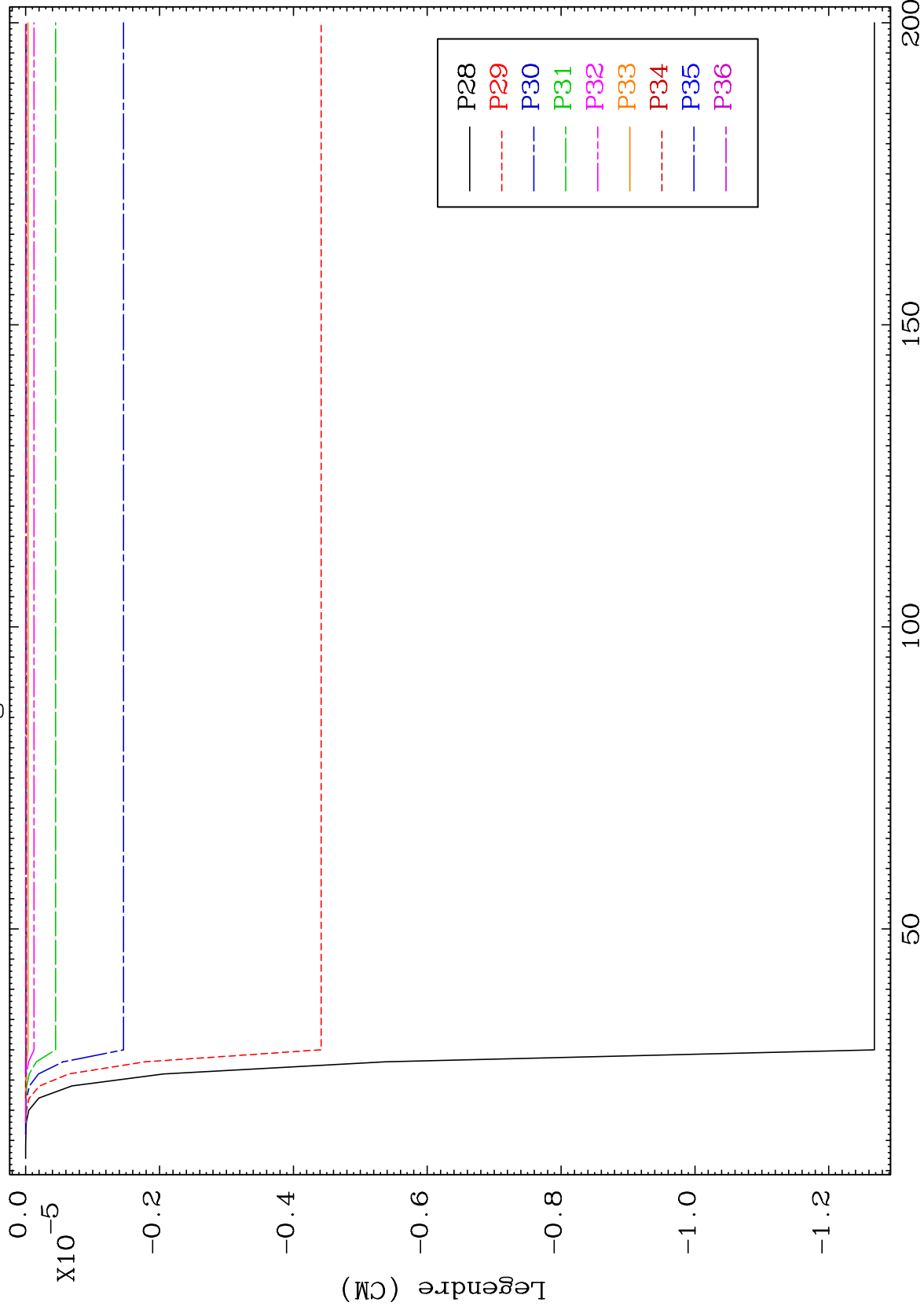


72

Incident Energy (MeV)

63-Eu-142

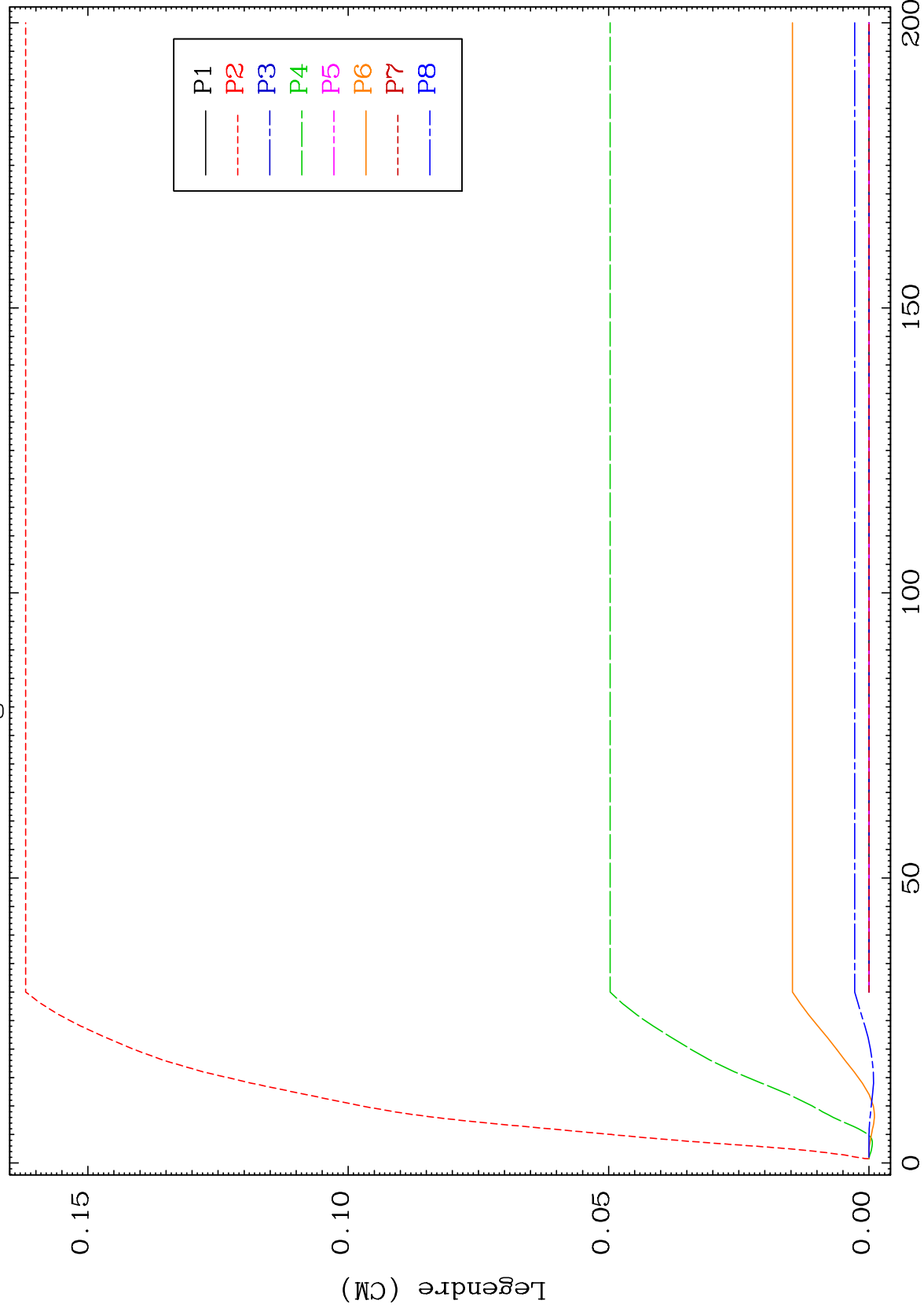




MAT 6298

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

63-Eu-142



75

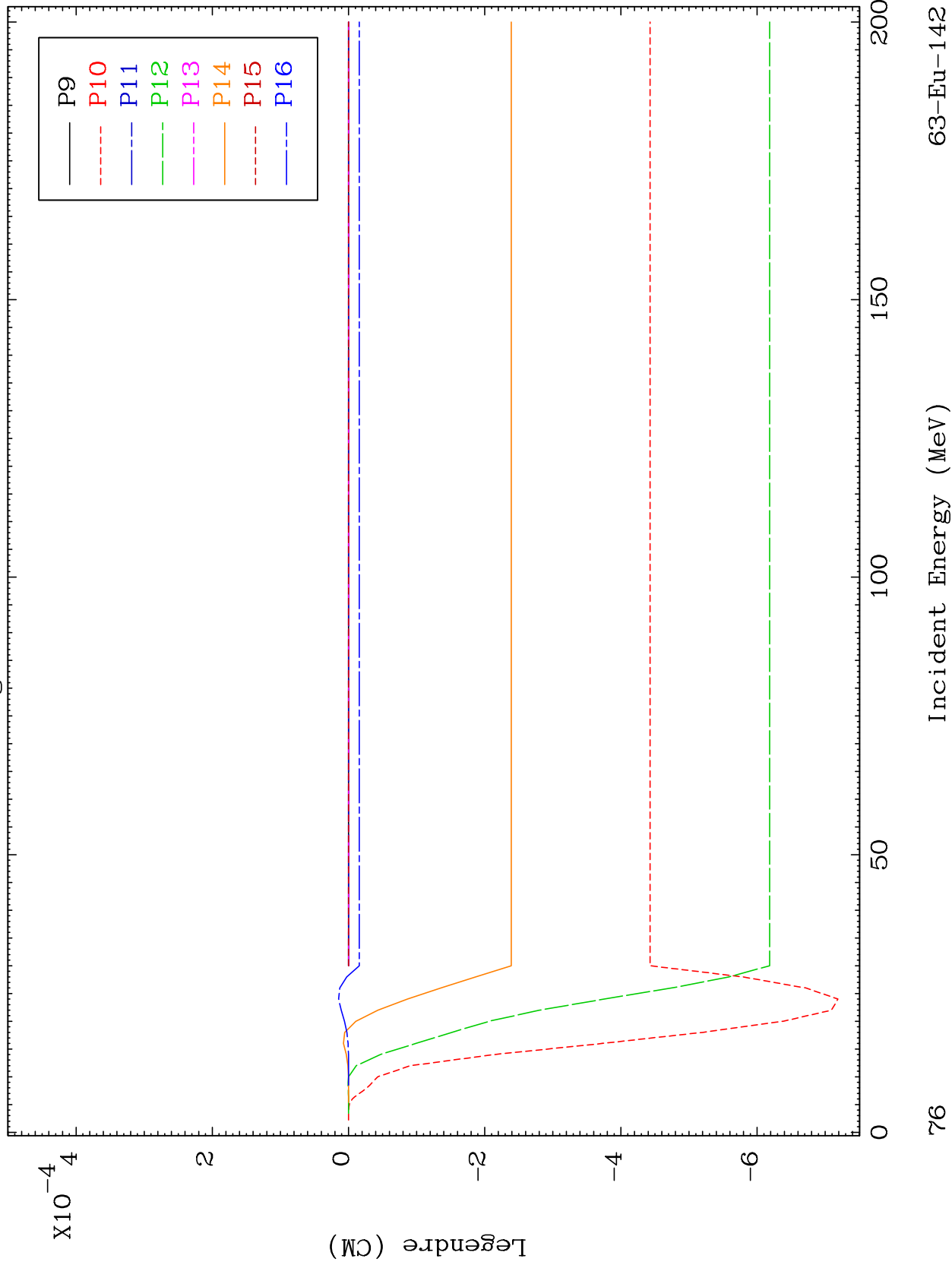
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



76

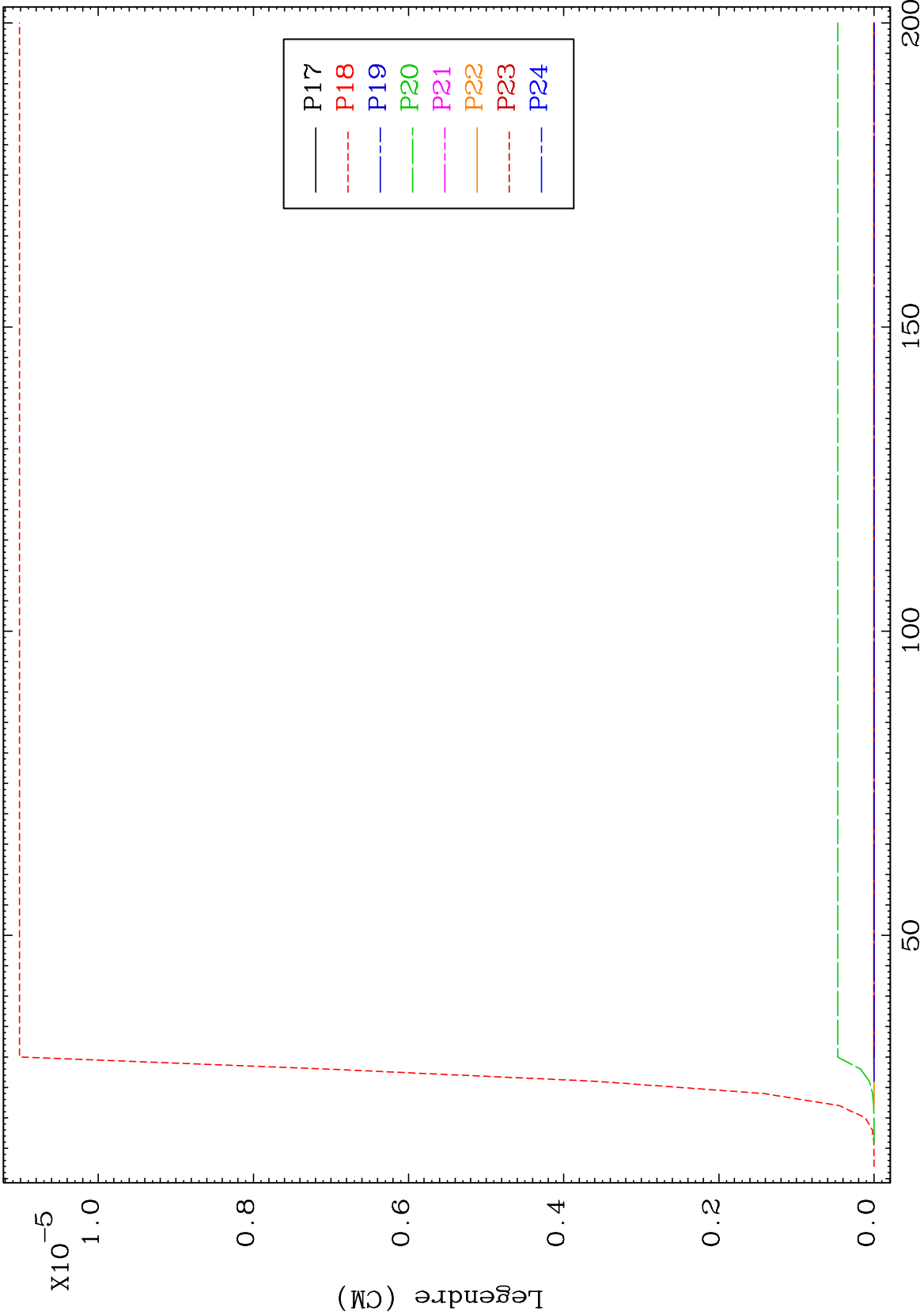
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



77

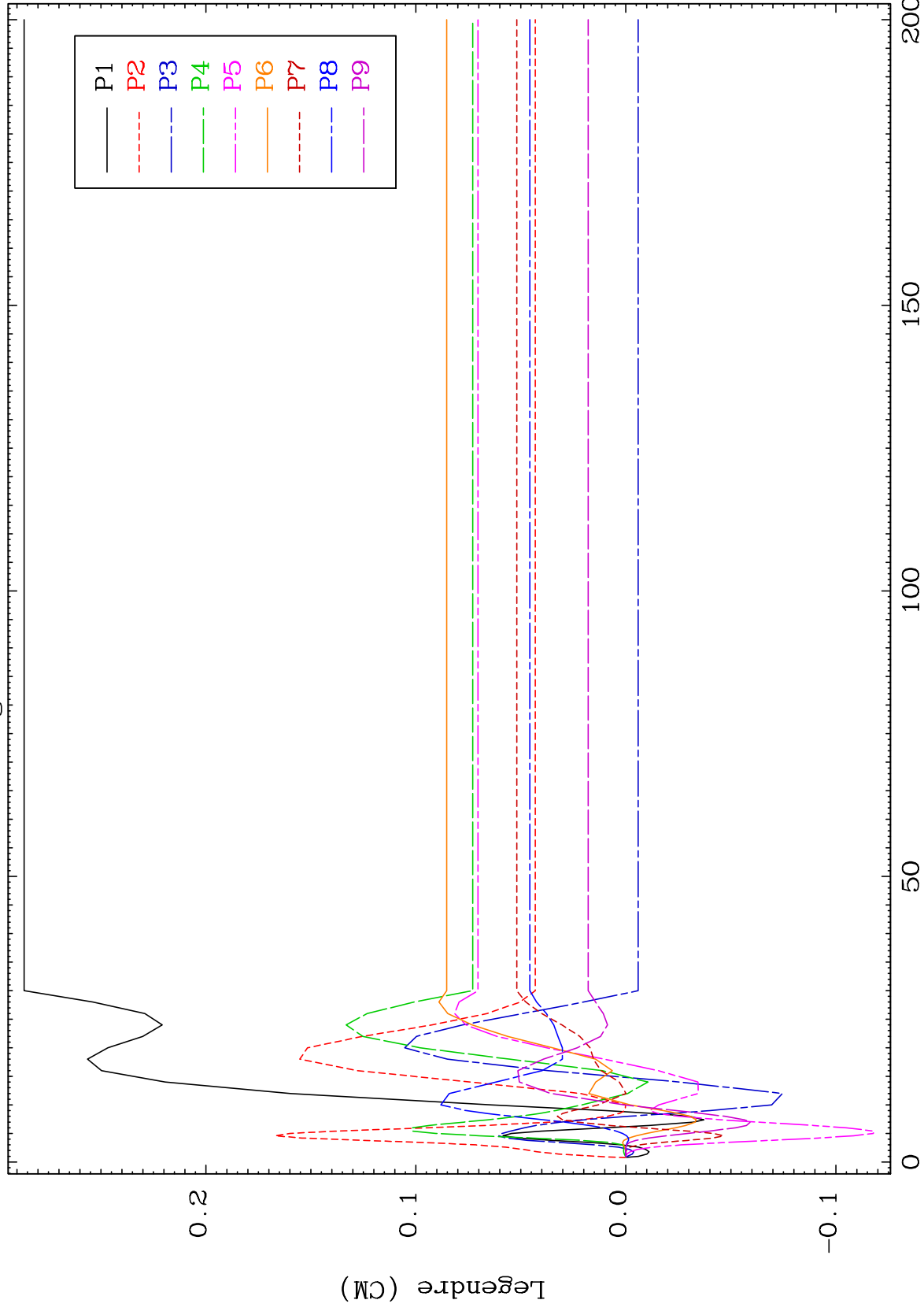
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



78

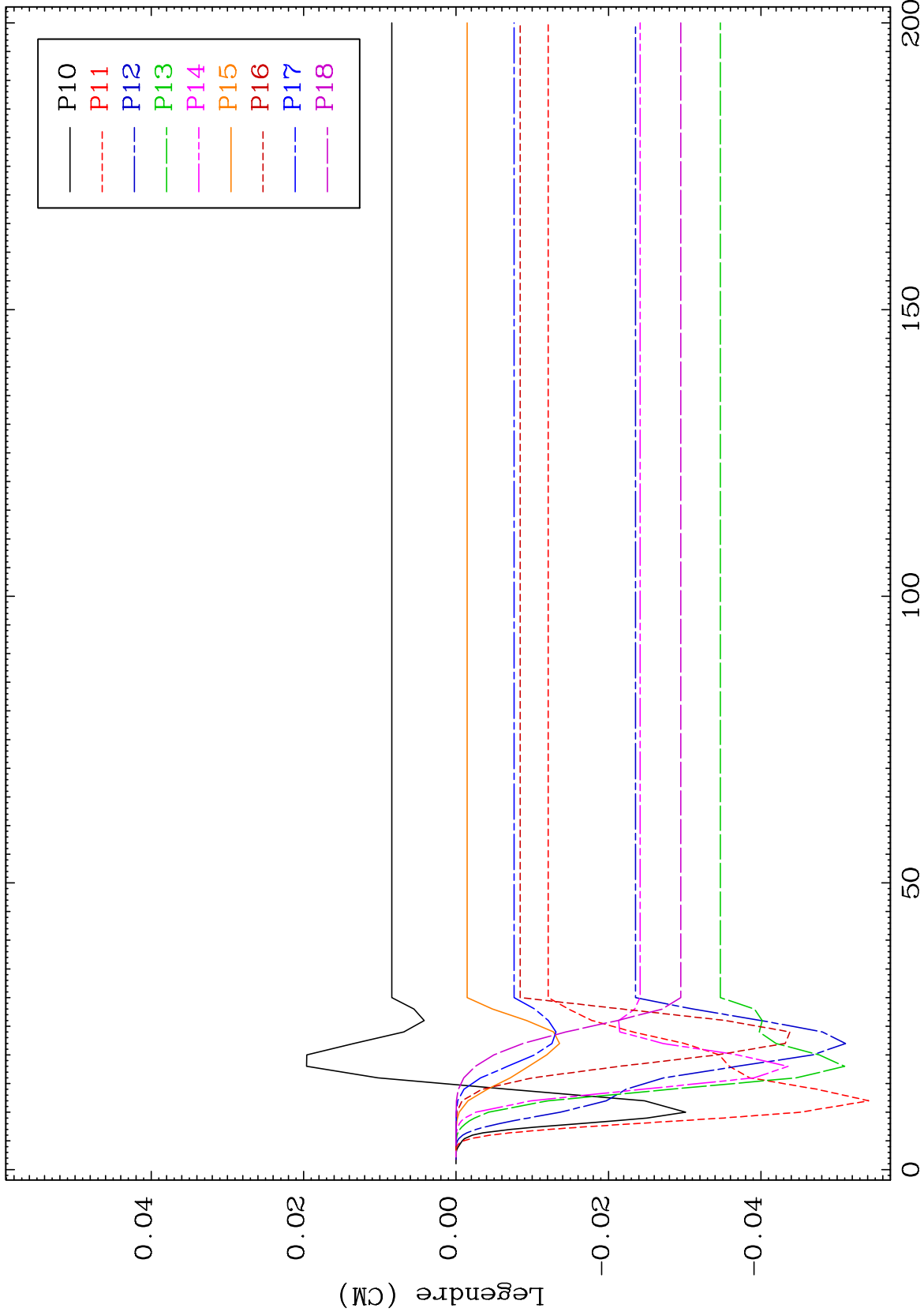
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142

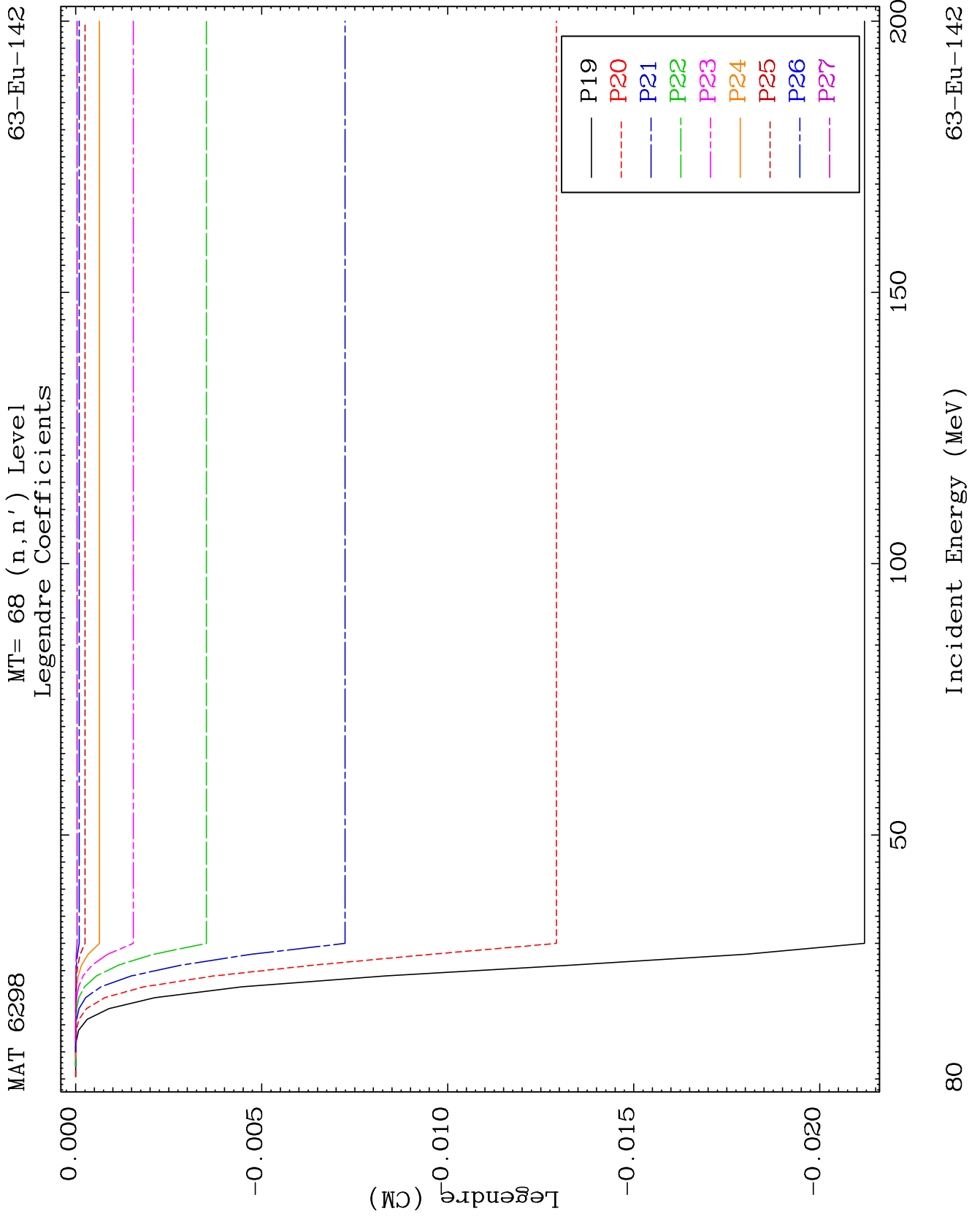


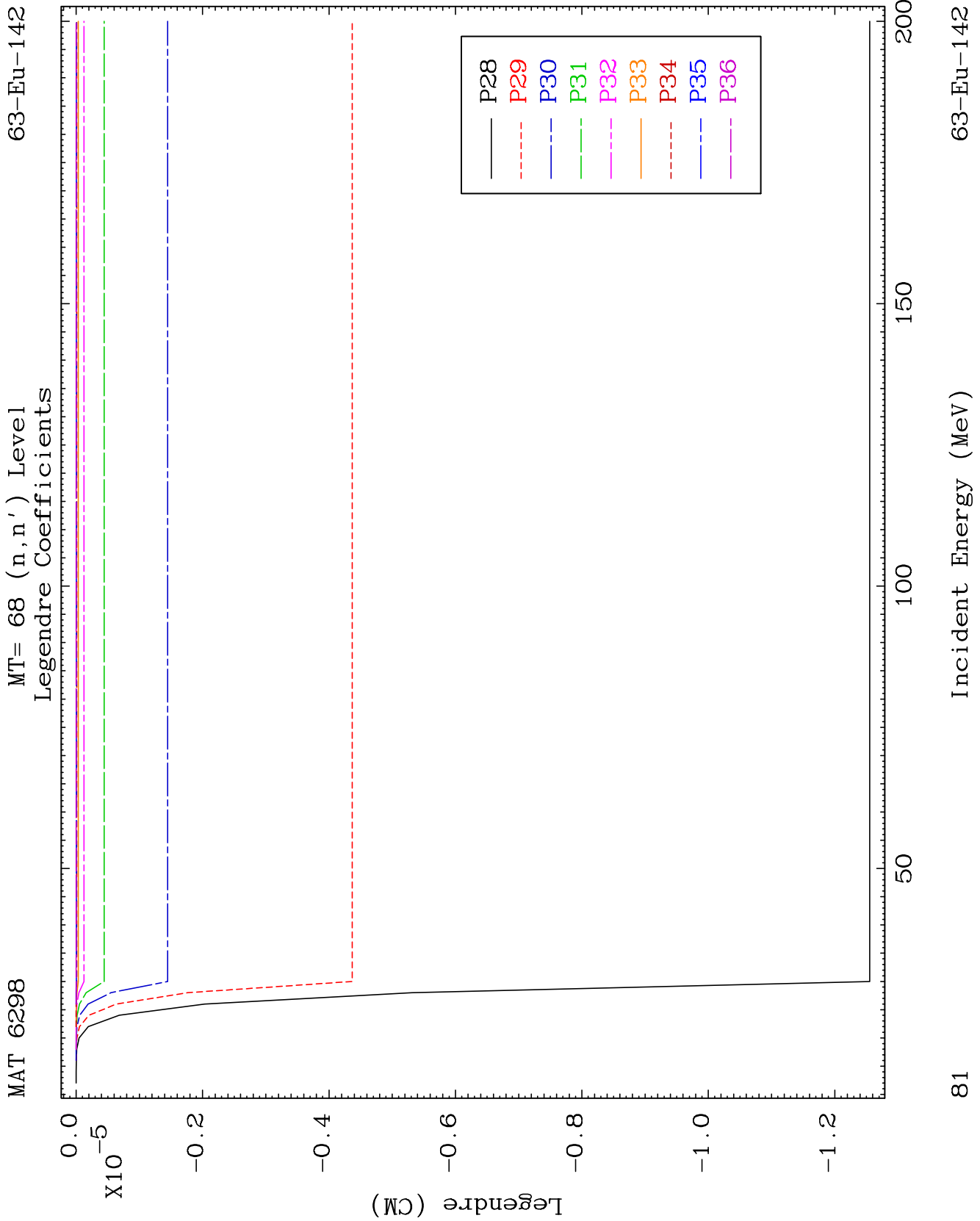
79

Incident Energy (MeV)

63-Eu-142



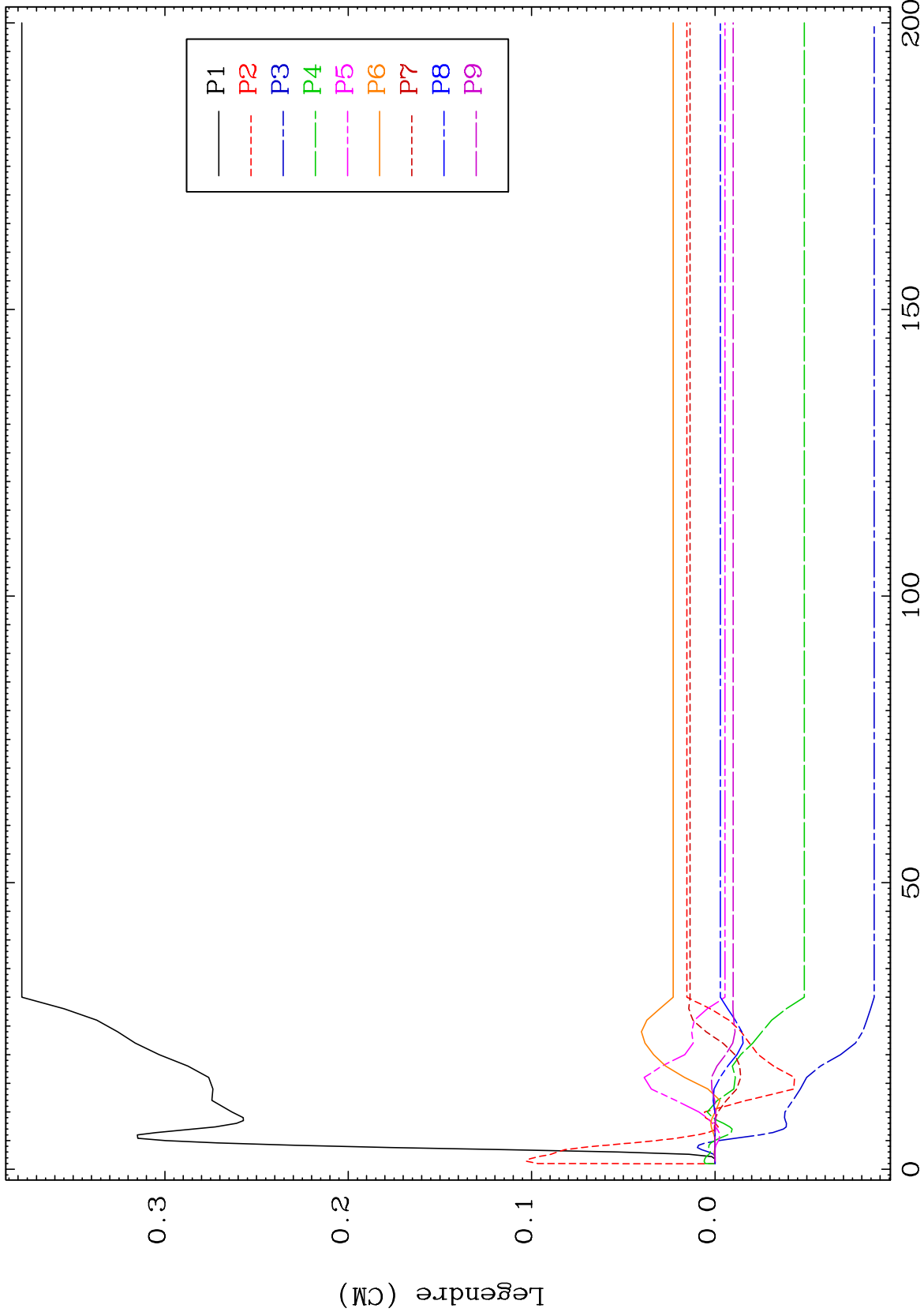




MAT 6298

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

63-Eu-142



82

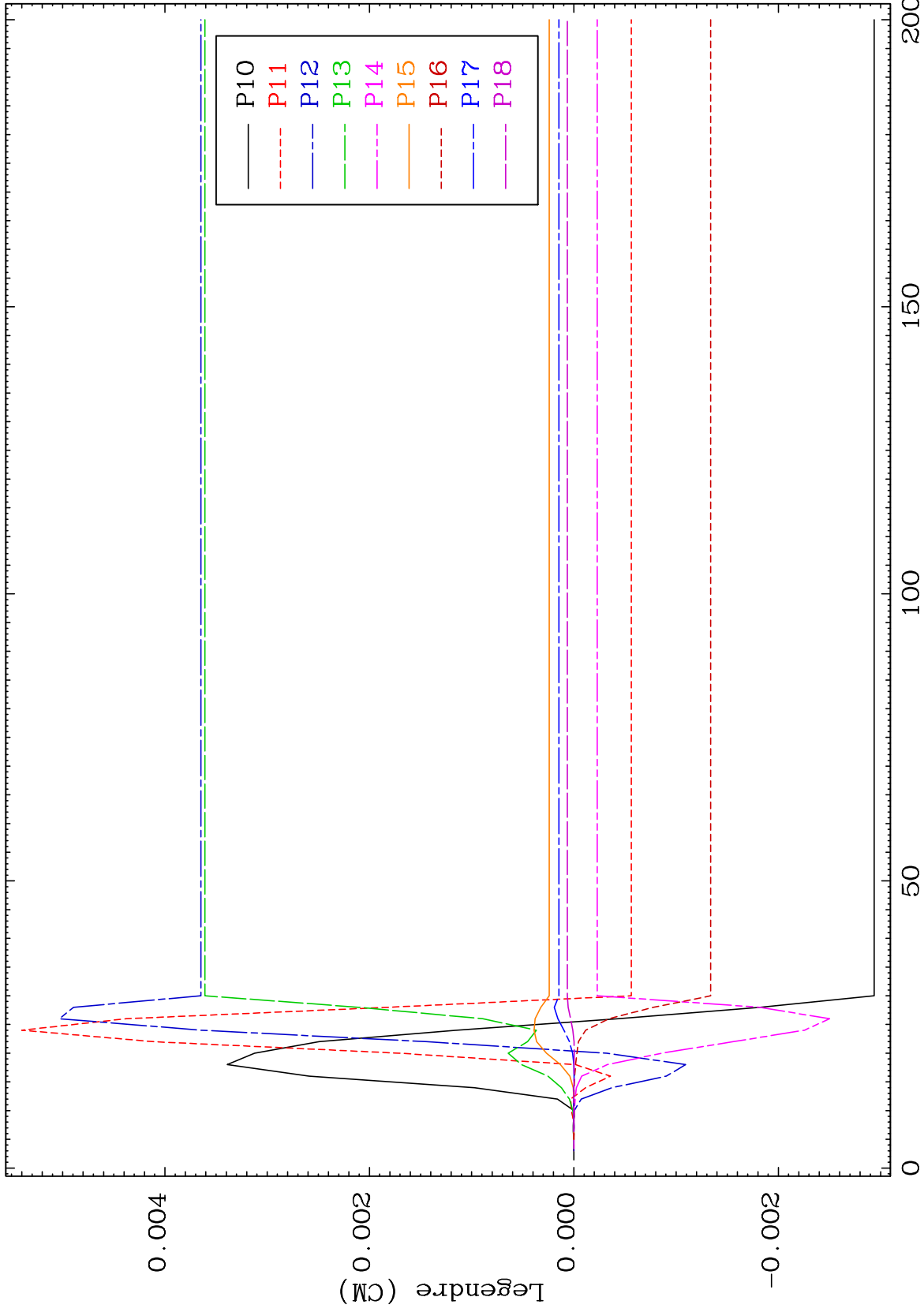
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

63-Eu-142



83

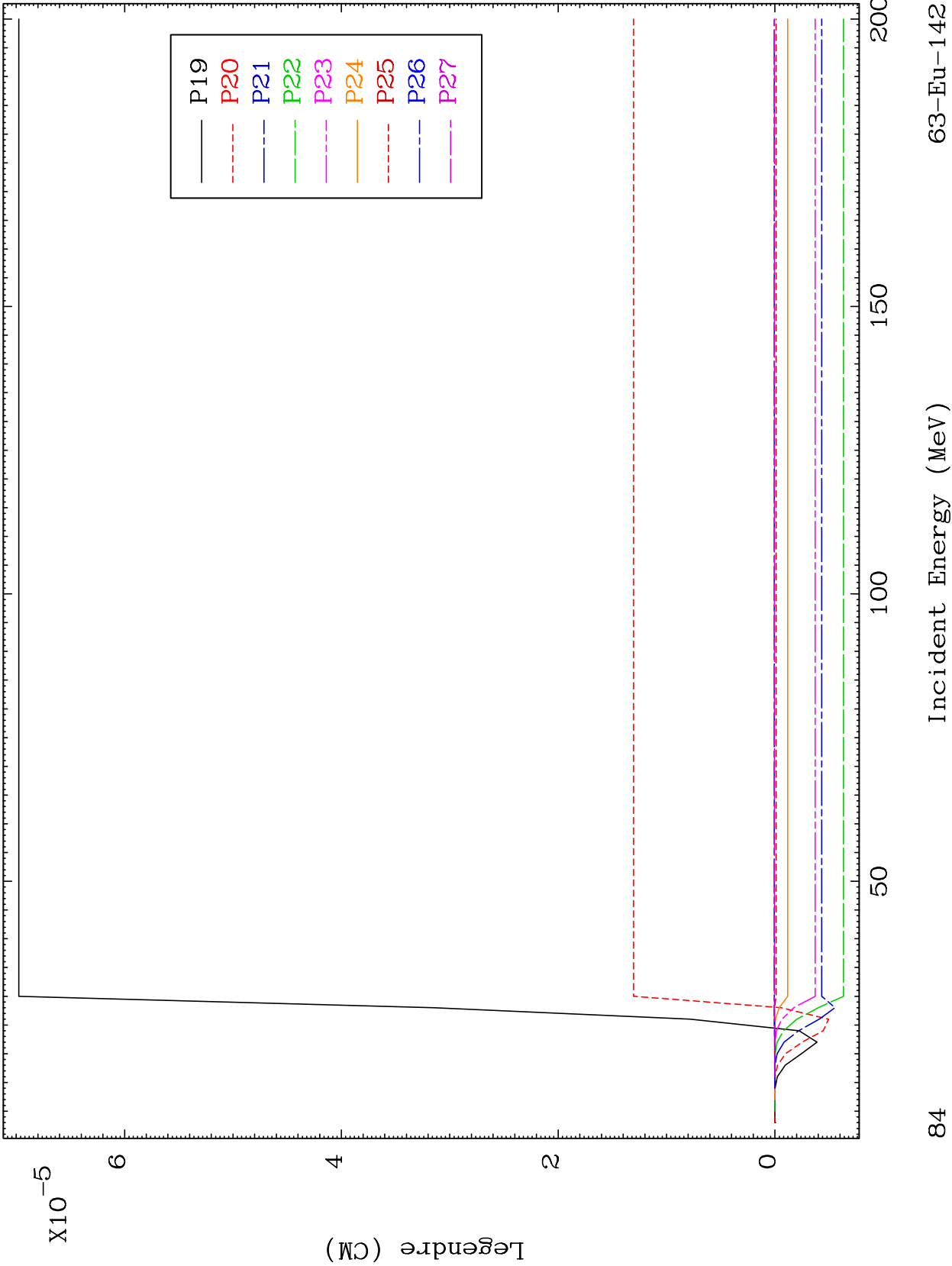
Incident Energy (MeV)

63-Eu-142

MAT 6298

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

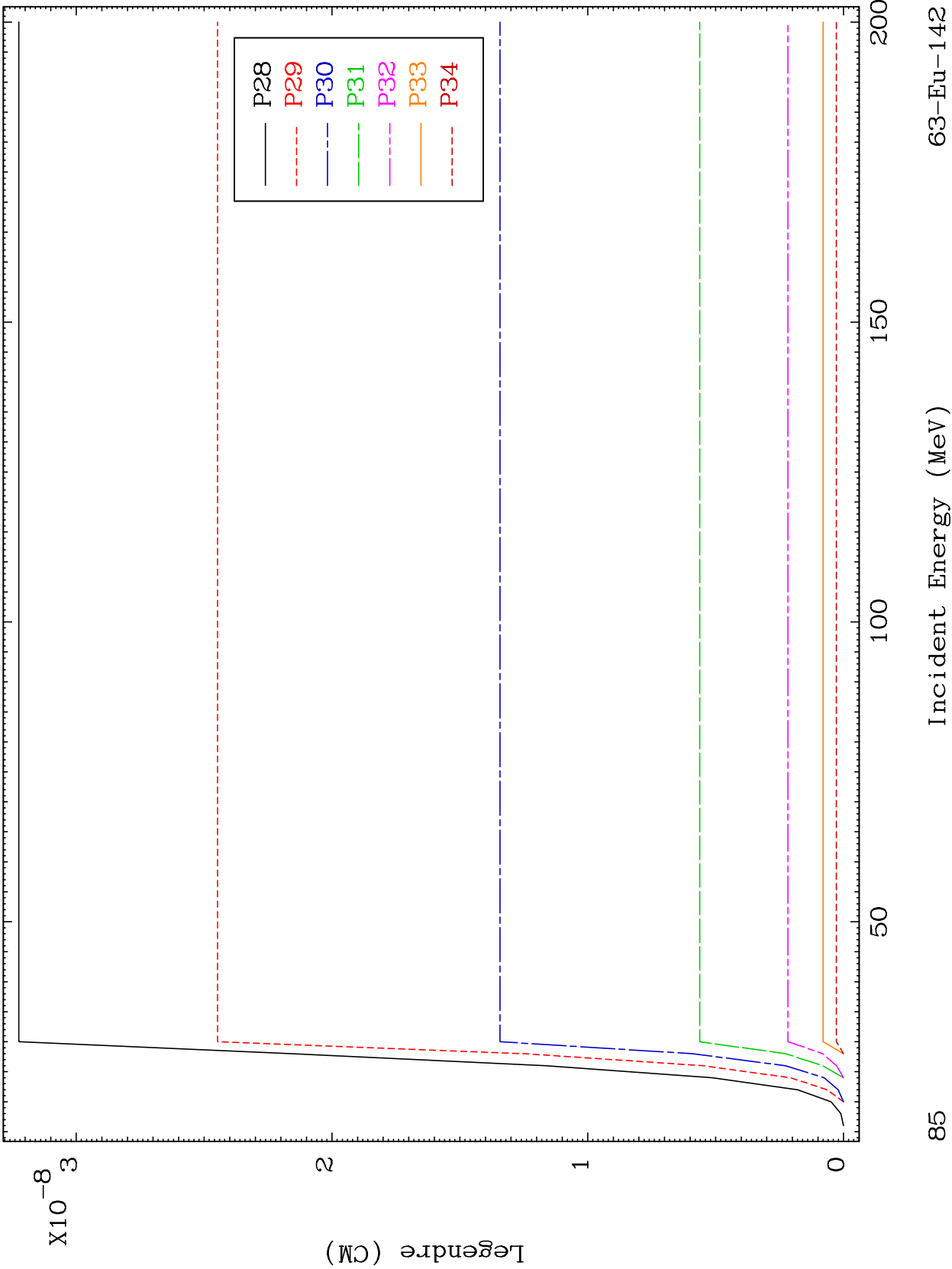
63-Eu-142



MAT 6298

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

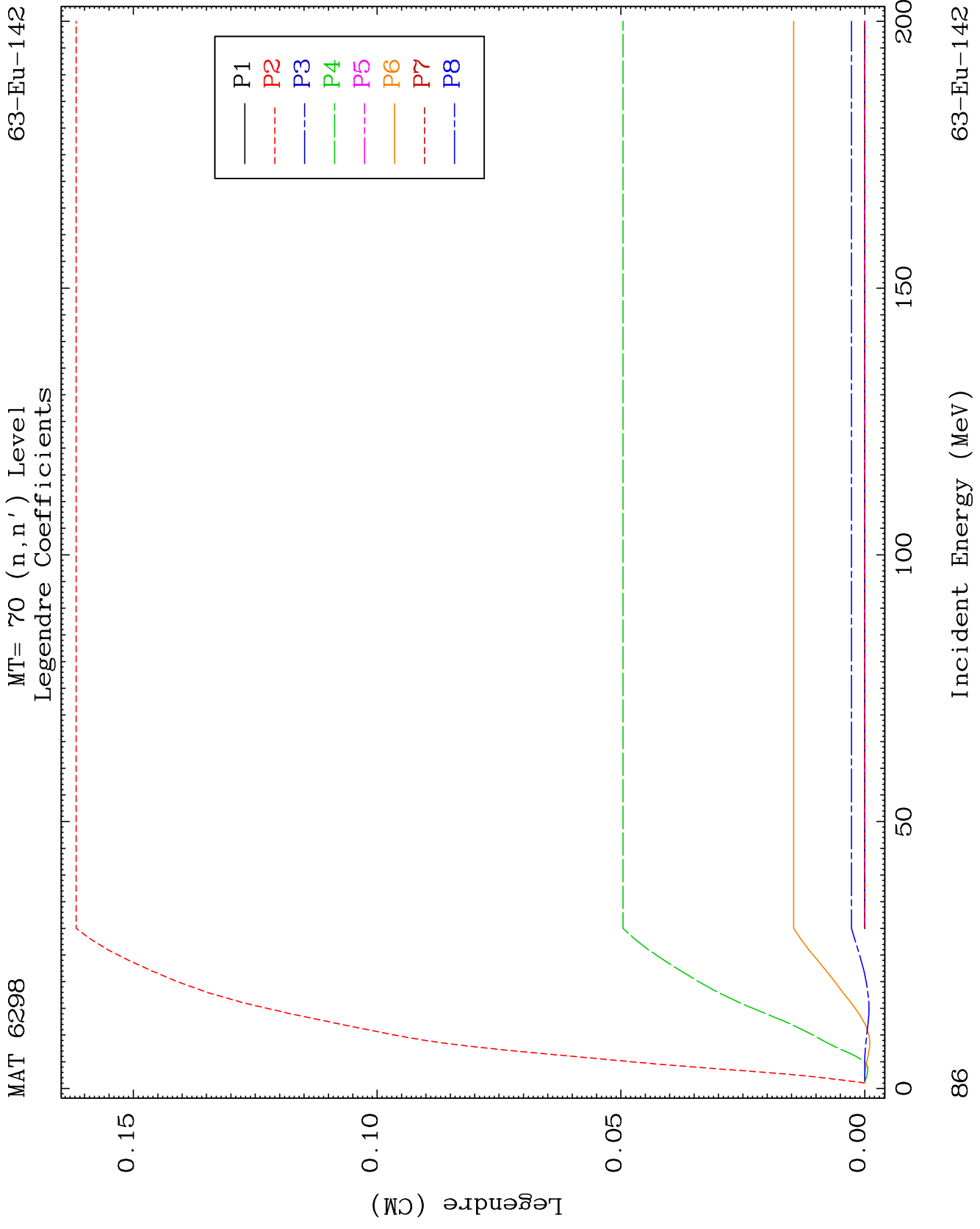
63-Eu-142



85

Incident Energy (MeV)

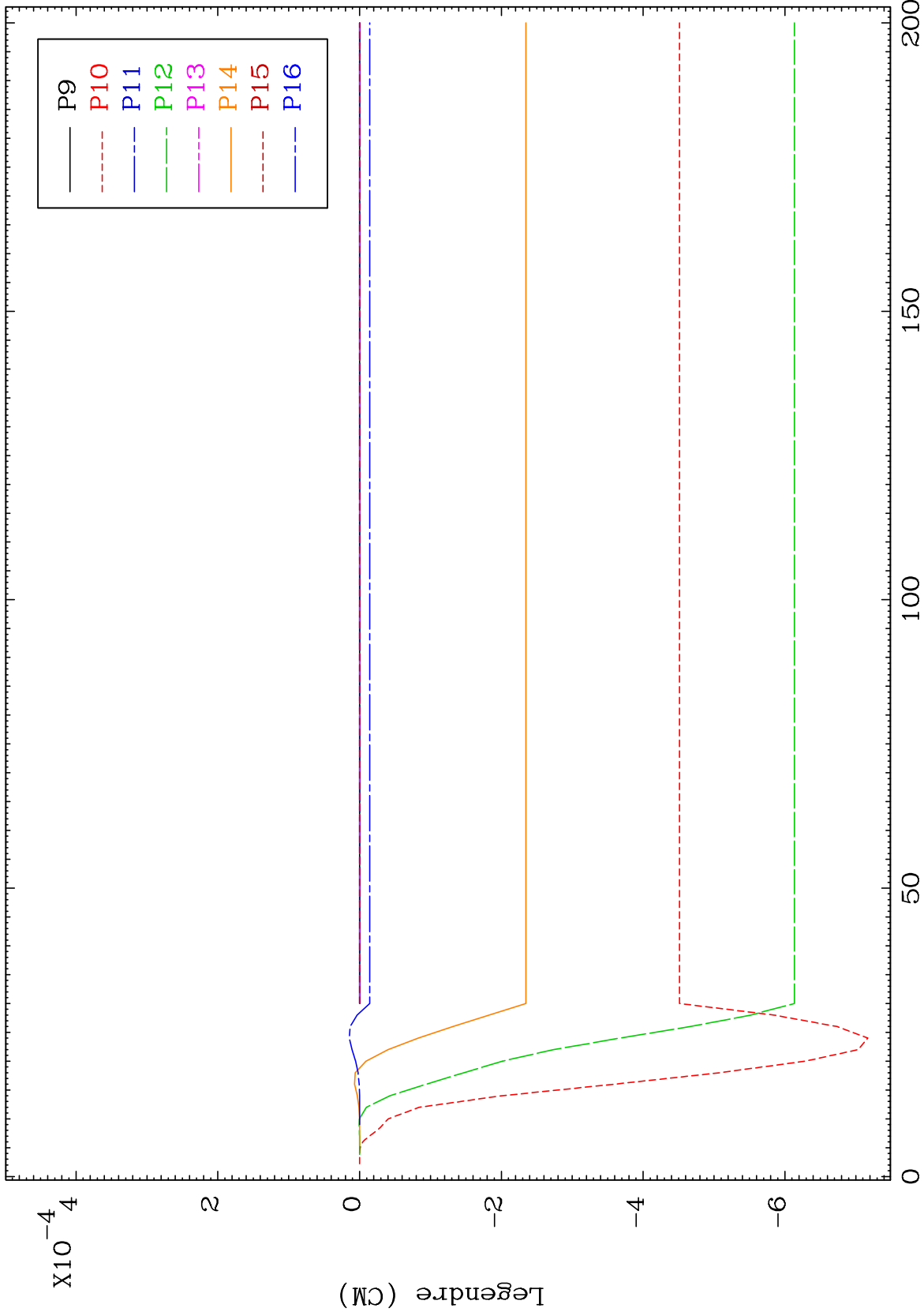
63-Eu-142



MAT 6298

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

63-Eu-142

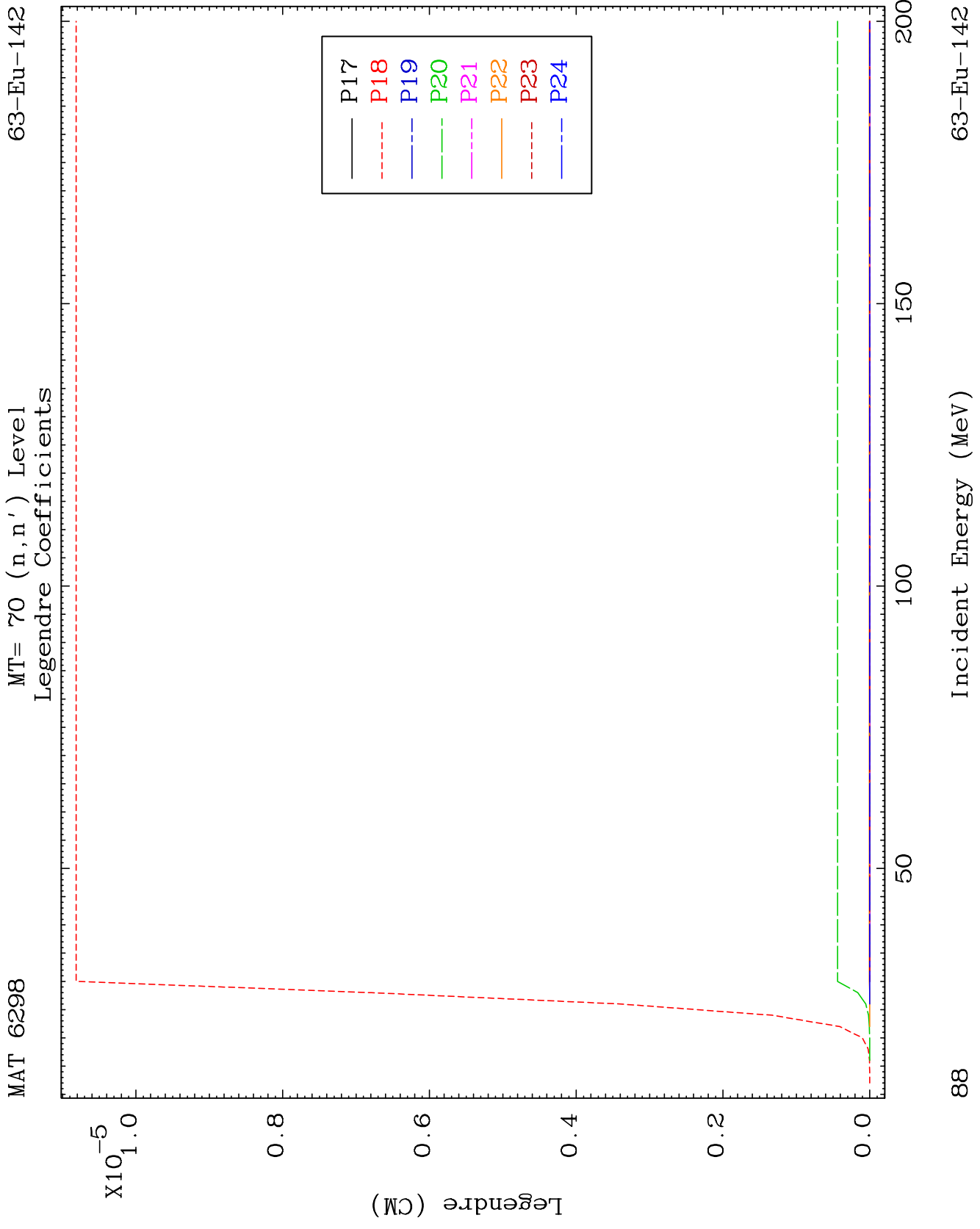


87

Incident Energy (MeV)

63-Eu-142

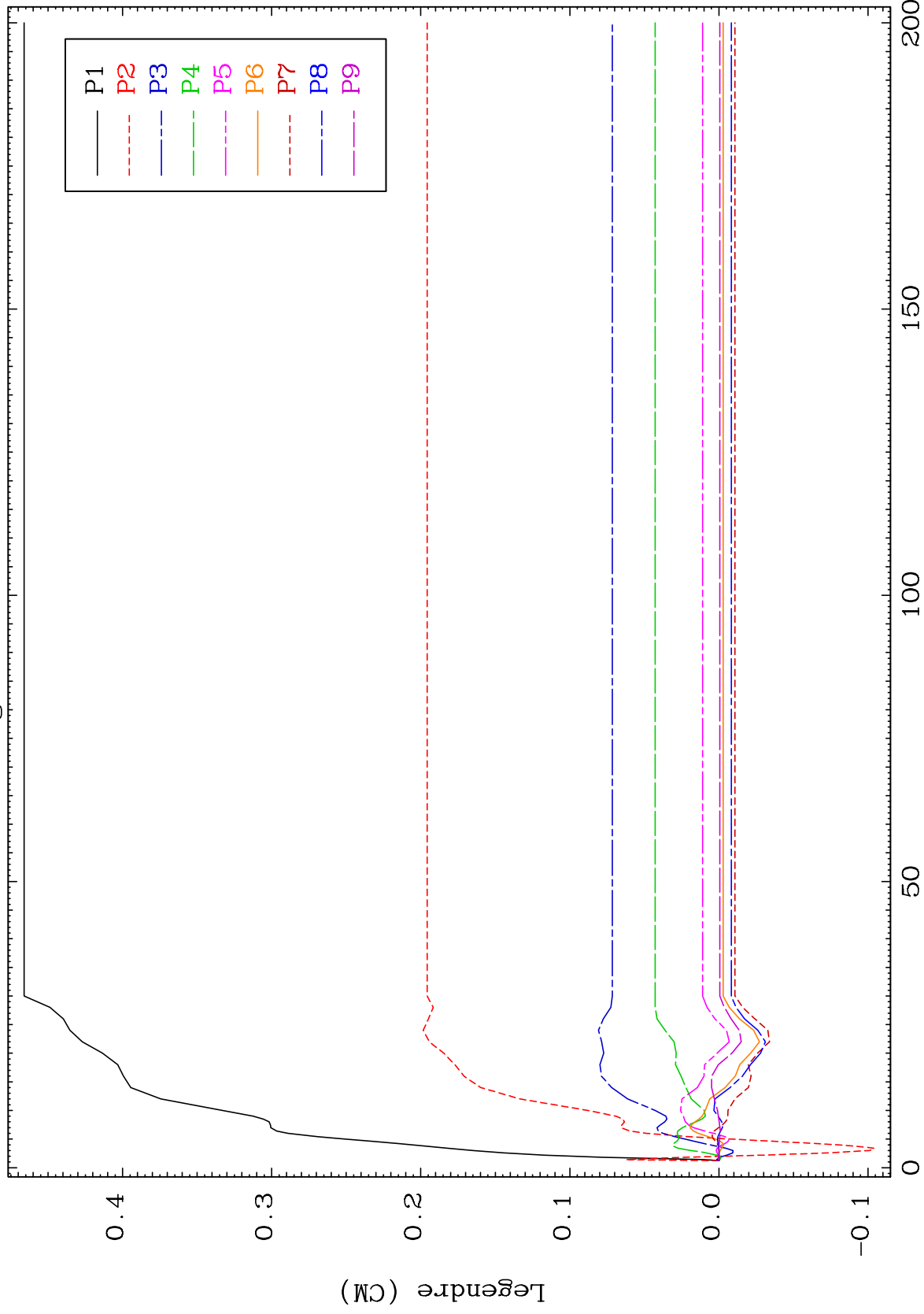




MAT 6298

MT= 71 (n,n') Level  
Legendre Coefficients

63-Eu-142



63-Eu-142

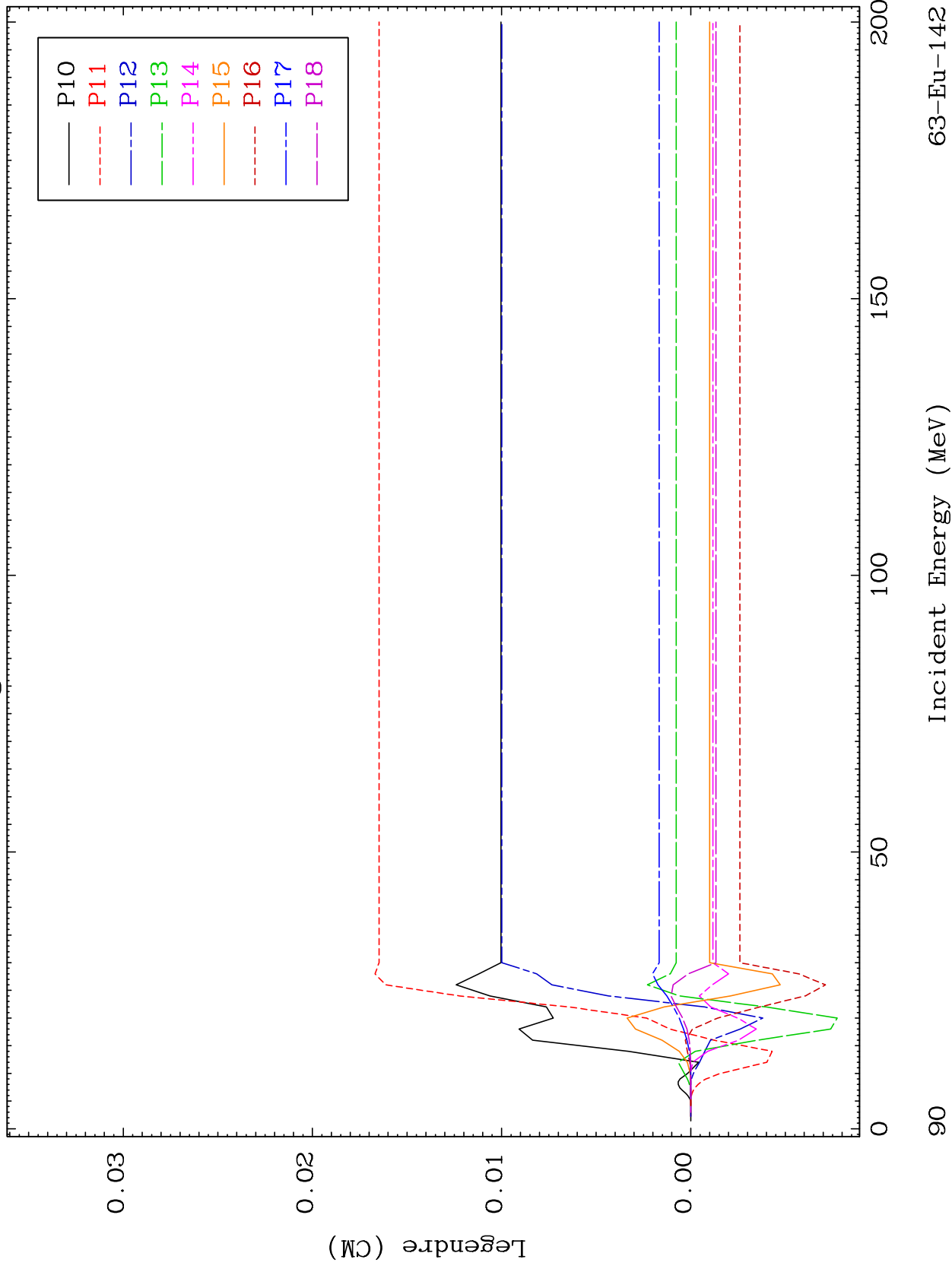
Incident Energy (MeV)

89

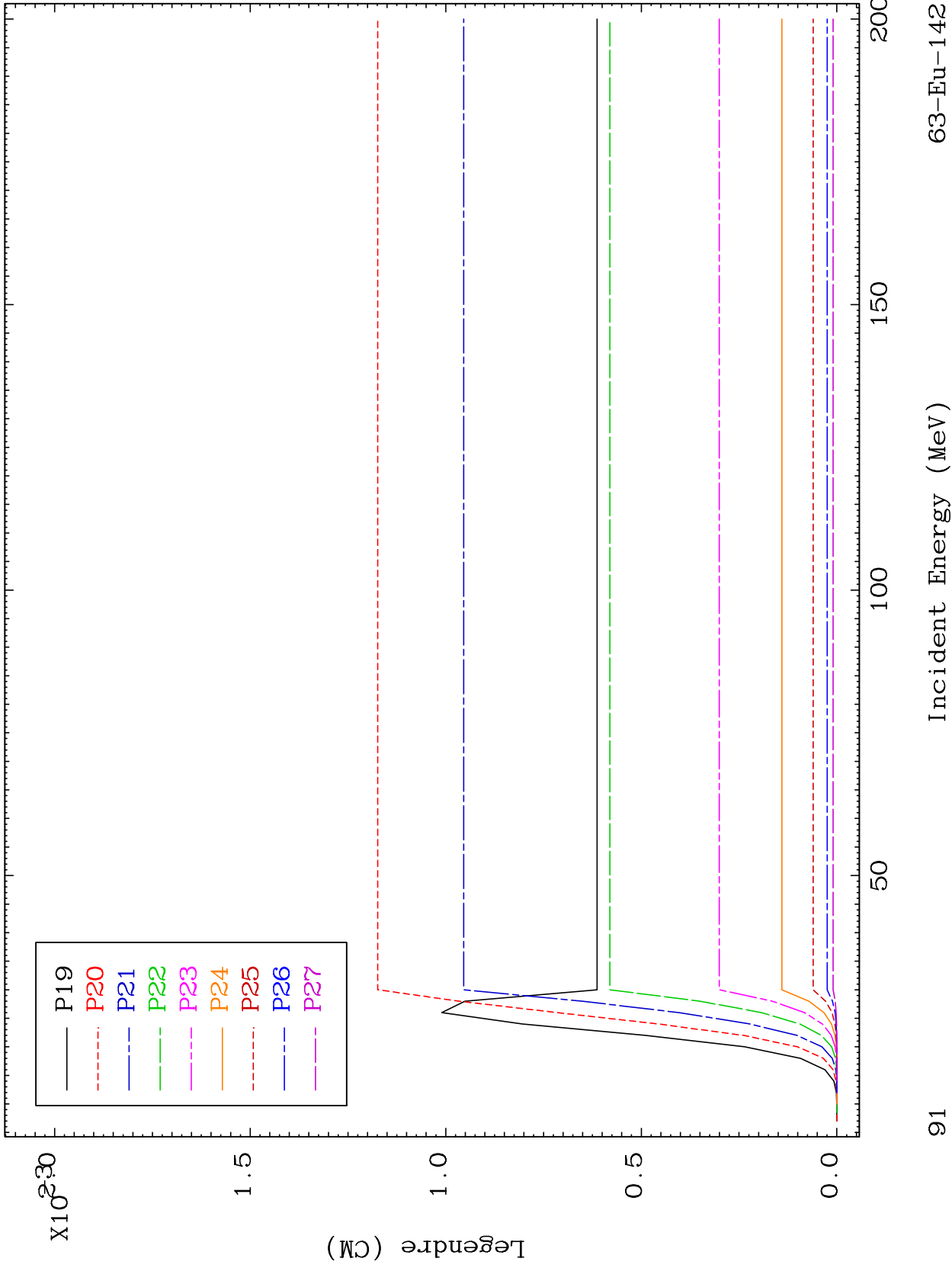
MAT 6298

MT= 71 (n,n') Level  
Legendre Coefficients

63-Eu-142



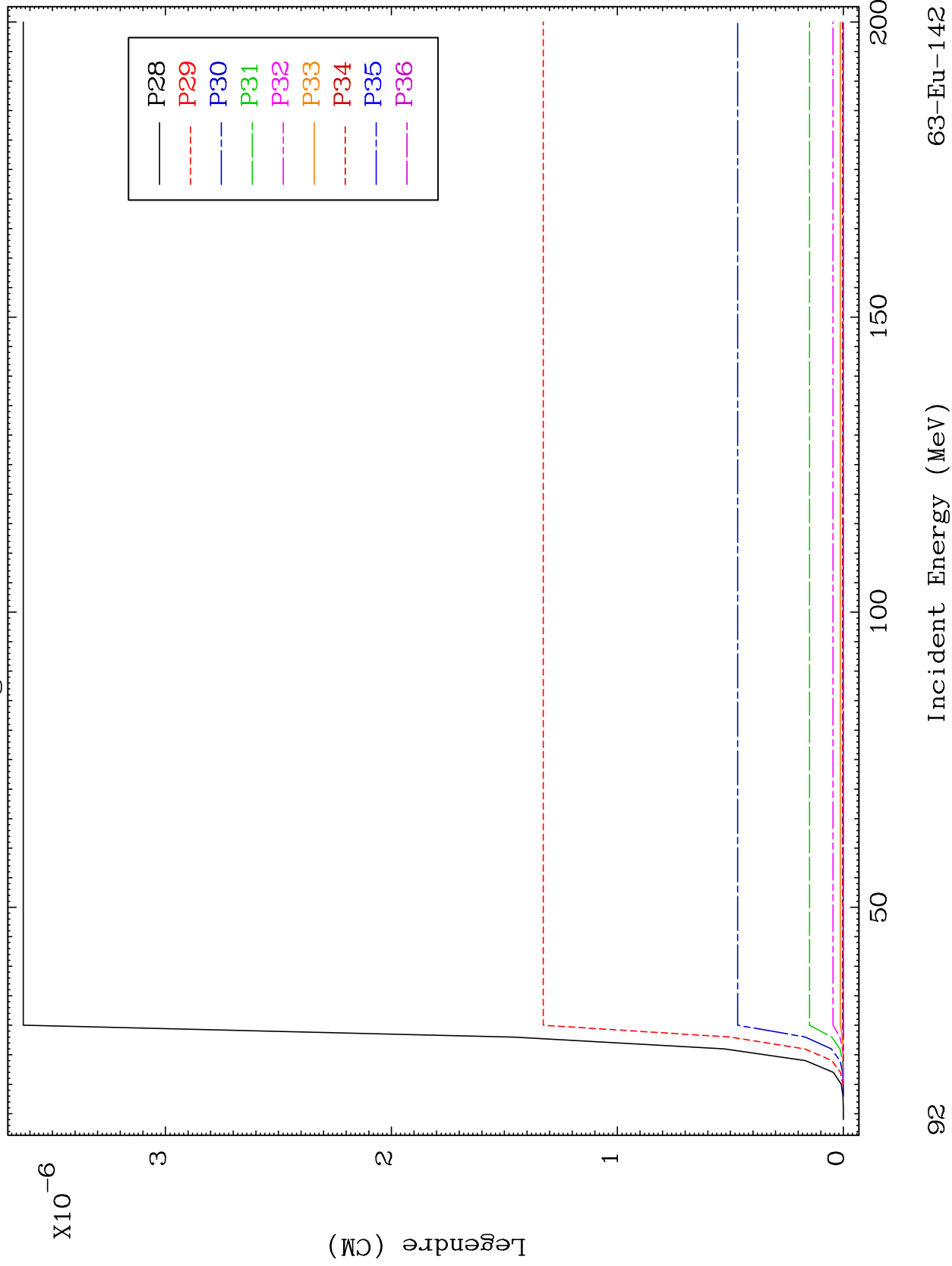
63-Eu-142



MAT 6298

MT= 71 (n,n') Level  
Legendre Coefficients

63-Eu-142



92

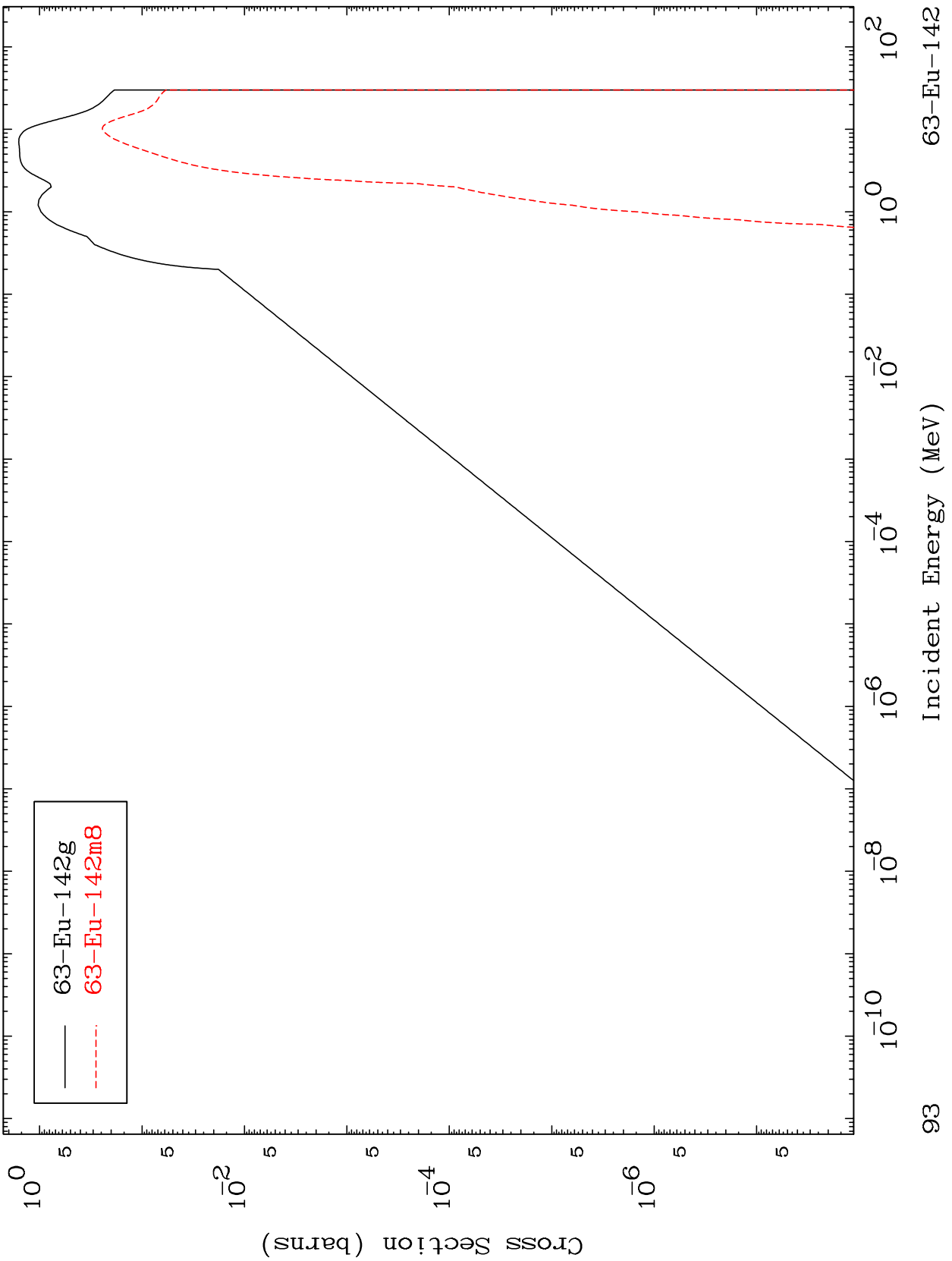
Incident Energy (MeV)

63-Eu-142

MAT 6298

Inelastic  
Radionuclide Production Cross Section

63-Eu-142

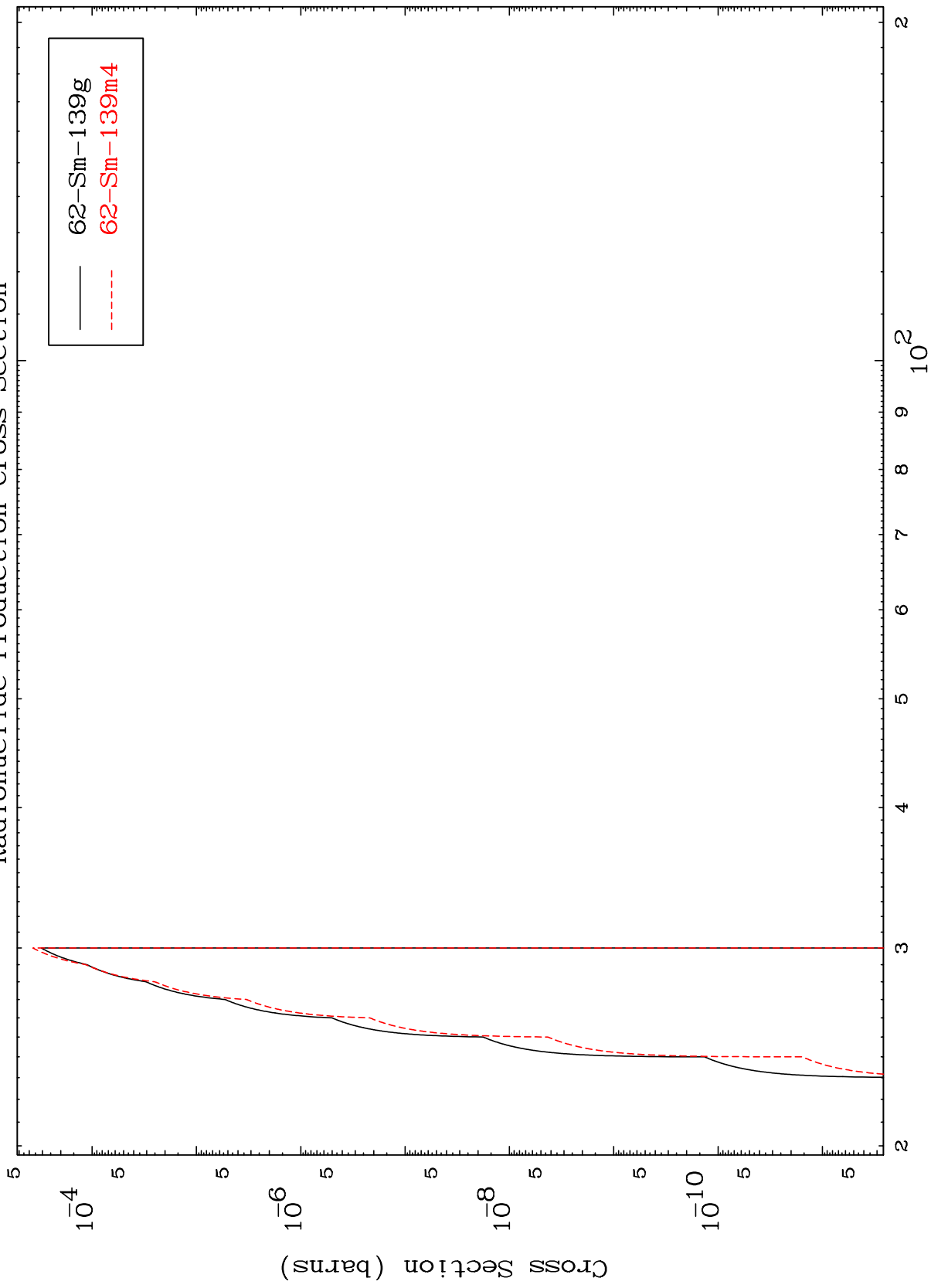


MAT 6298

(n,2n) d

63-Eu-142

Radionuclide Production Cross Section



94

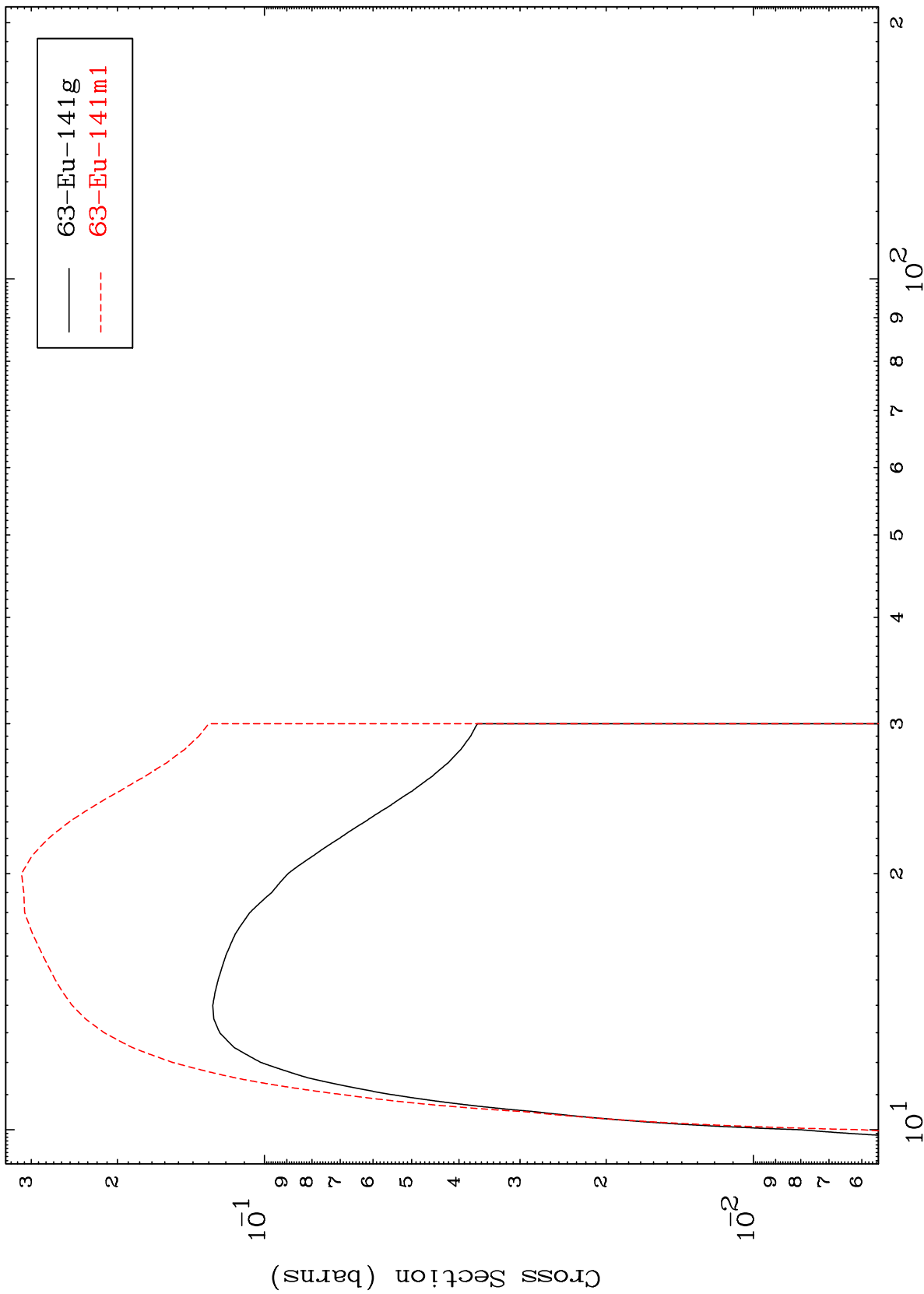
Incident Energy (MeV)

63-Eu-142

MAT 6298

63-Eu-142

(n,2n)  
Radionuclide Production Cross Section



63-Eu-142

Incident Energy (MeV)

95

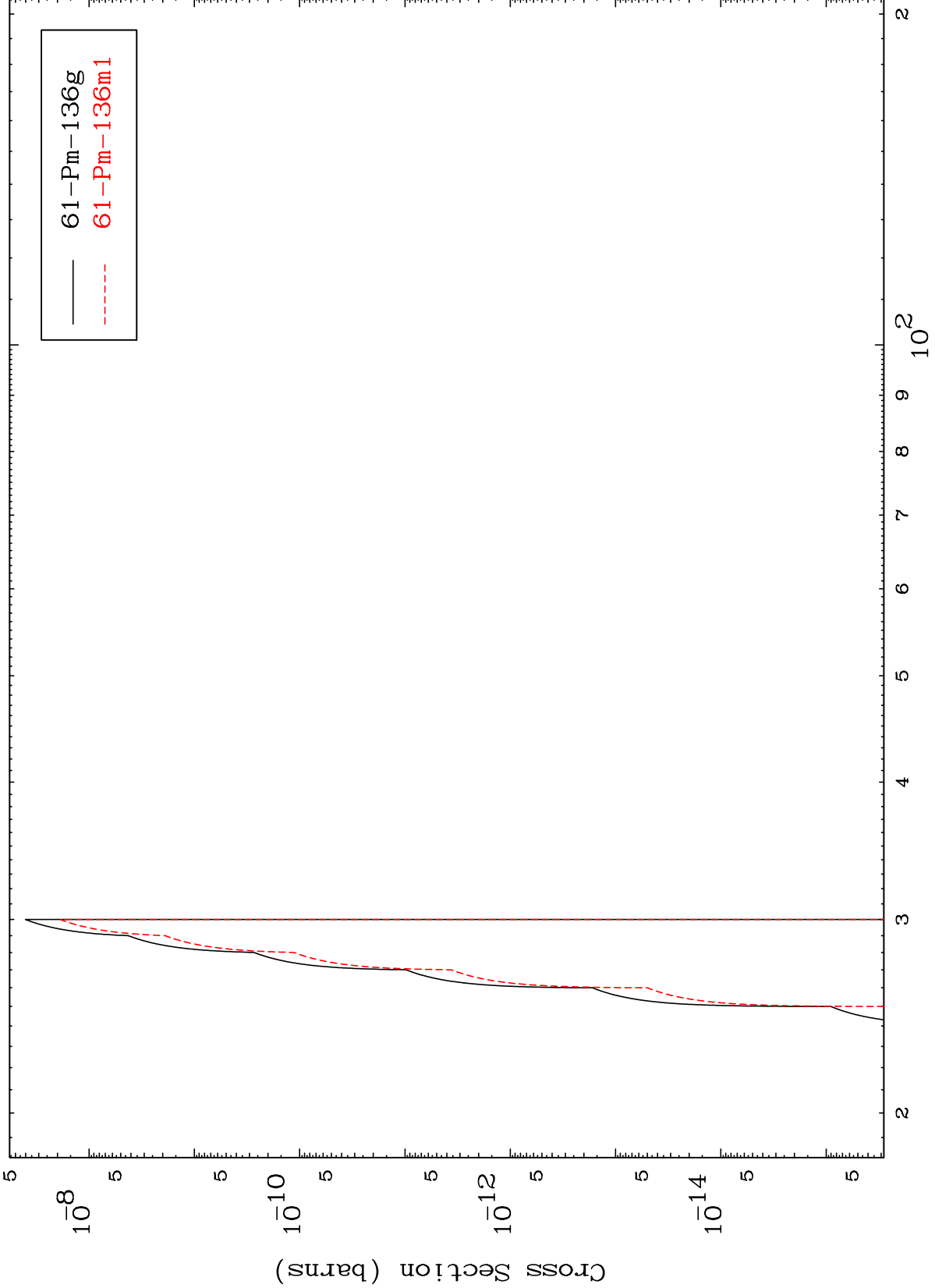


MAT 6298

$(n,3n) \alpha$

63-Eu-142

Radionuclide Production Cross Section



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

96

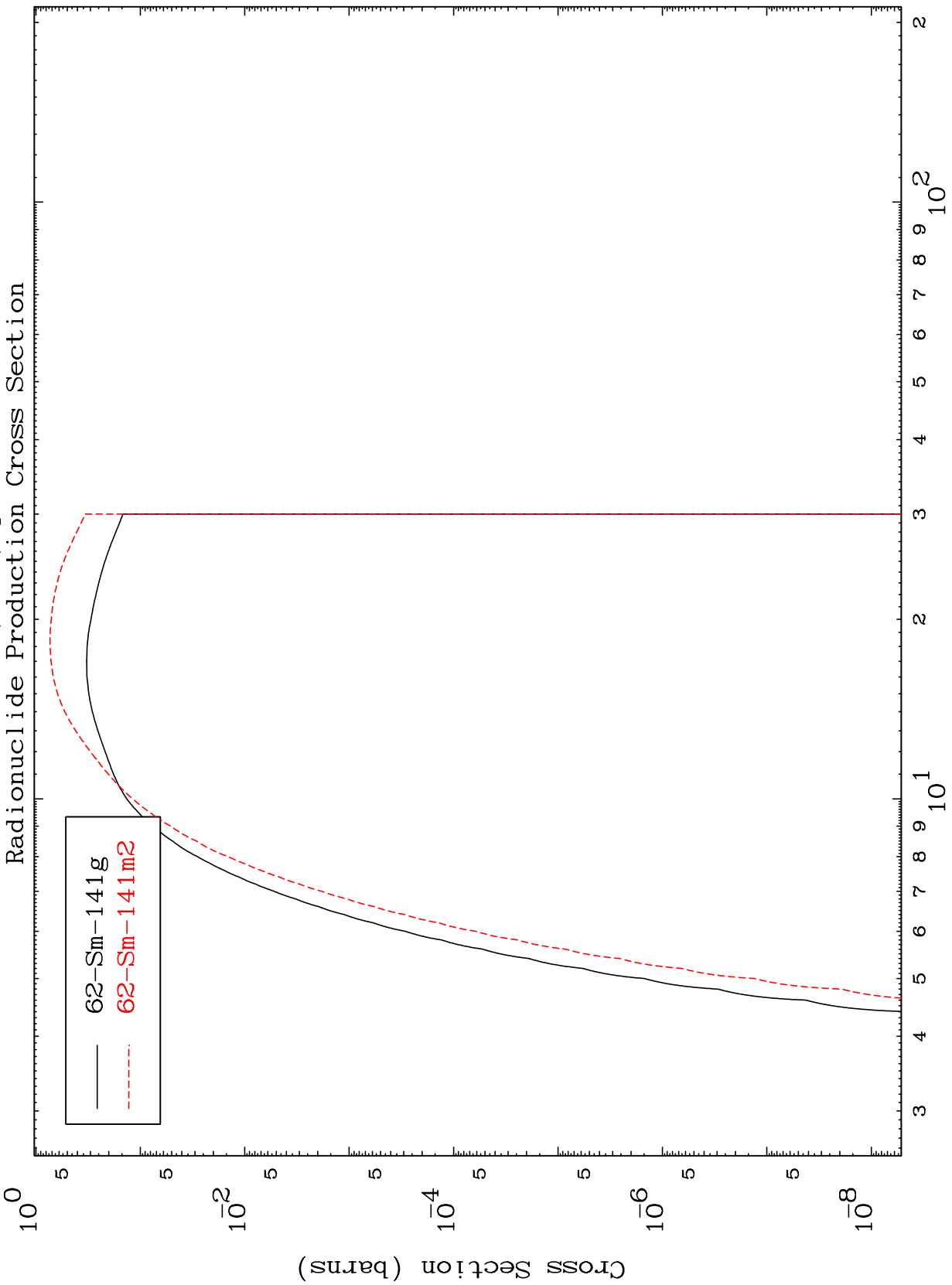
Incident Energy (MeV)

63-Eu-142

MAT 6298

63-Eu-142

(n,n') p  
Radionuclide Production Cross Section



62-Sm-141g  
62-Sm-141m2

63-Eu-142

Incident Energy (MeV)

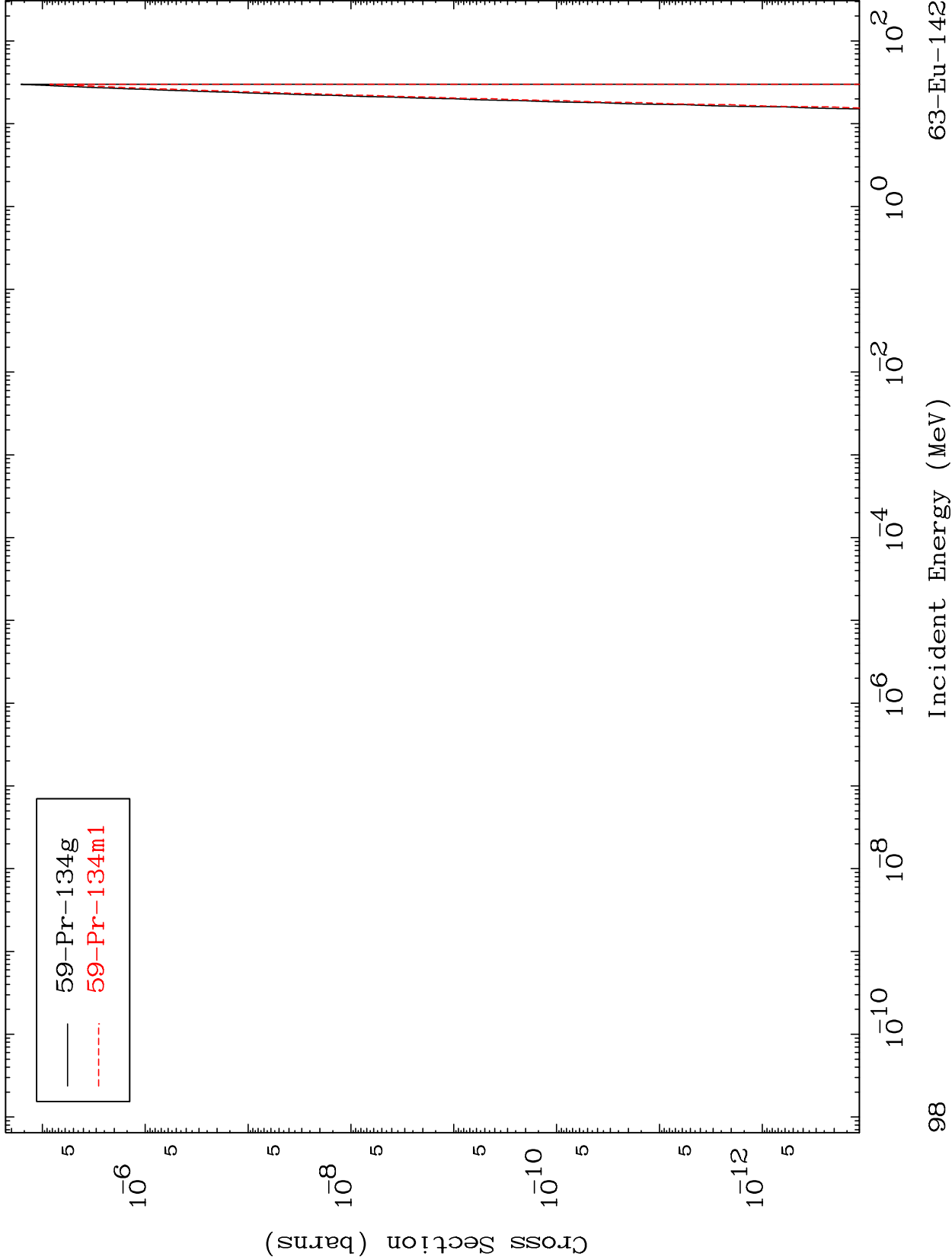
97

MAT 6298

(n,n') 2 $\alpha$

63-Eu-142

Radionuclide Production Cross Section

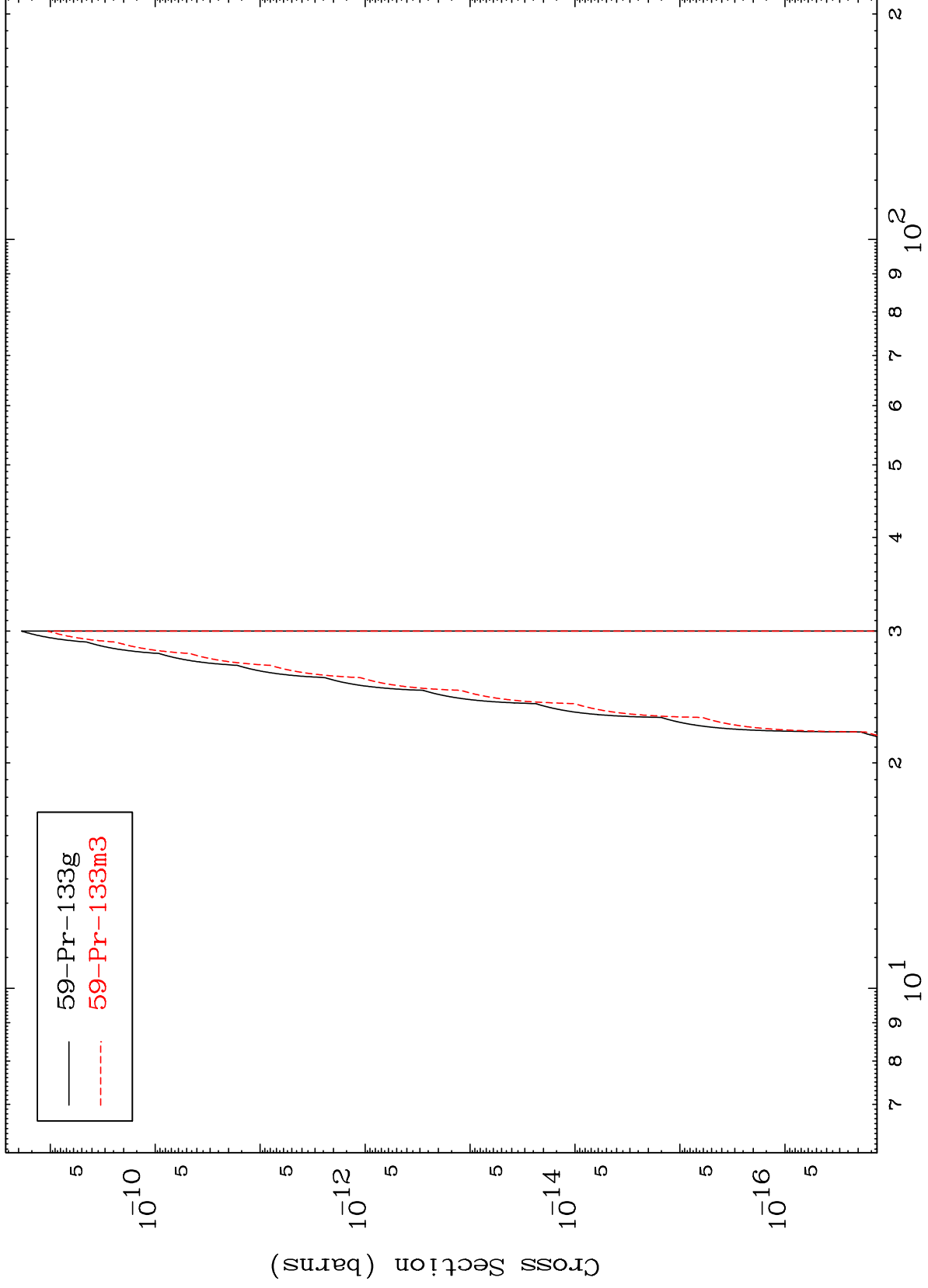


MAT 6298

$(n,2n) 2\alpha$

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

Radionuclide Production Cross Section



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

99

Incident Energy (MeV)

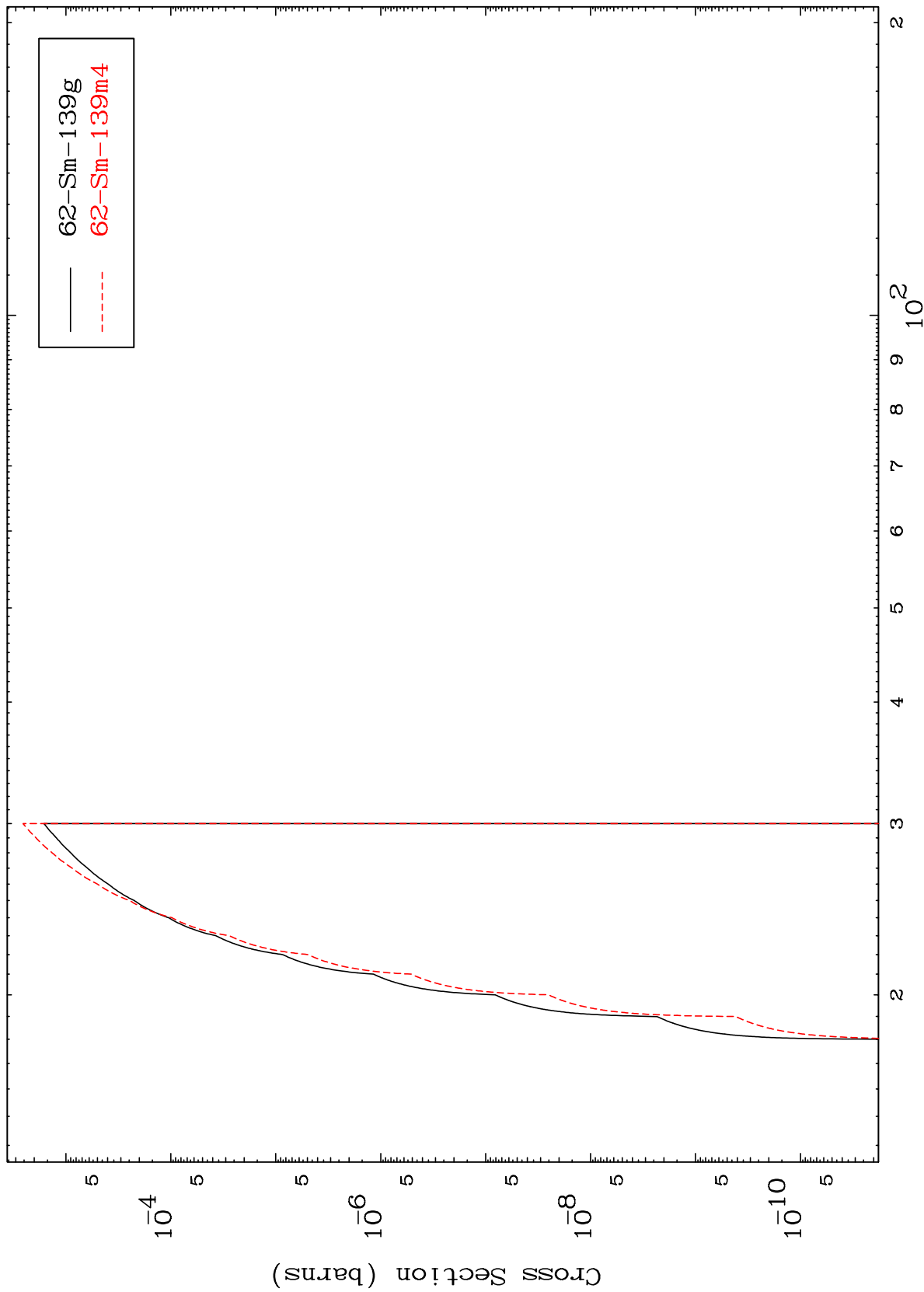
$^{63}\text{Eu}-142$

MAT 6298

(n,n') t

63-Eu-142

Radionuclide Production Cross Section



100

Incident Energy (MeV)

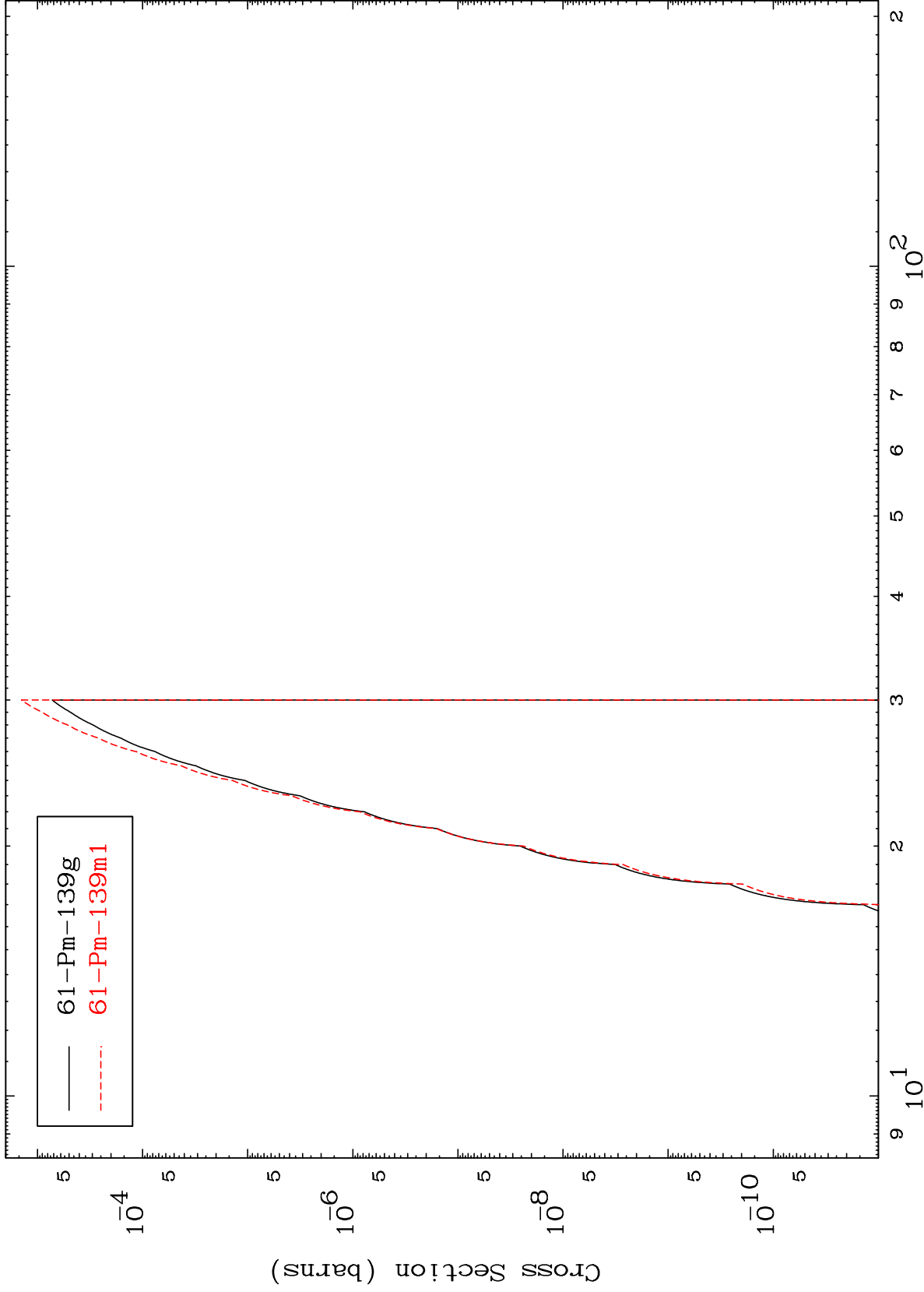
63-Eu-142

MAT 6298

(n,n') He-3

63-Eu-142

Radionuclide Production Cross Section



101

Incident Energy (MeV)

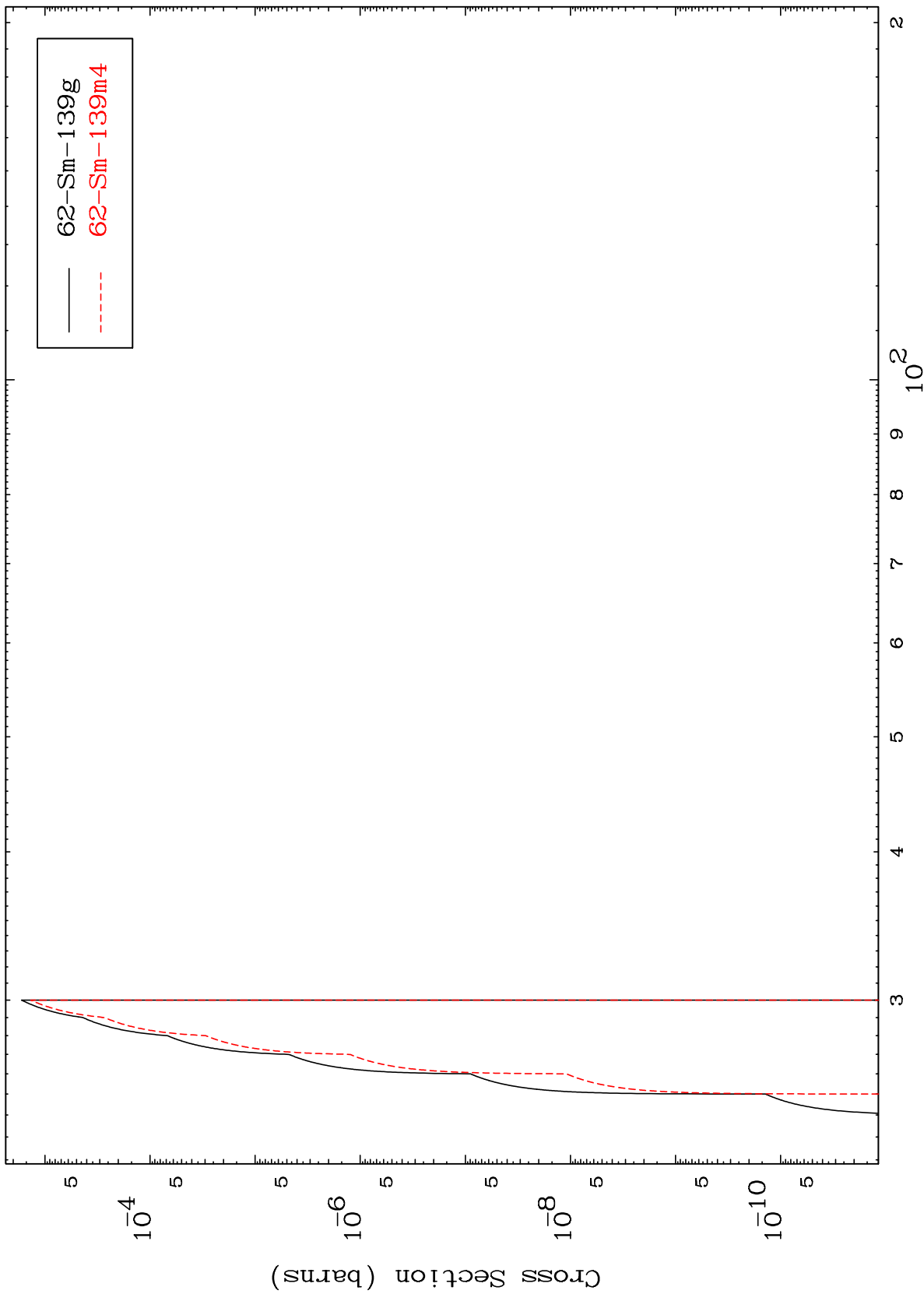
63-Eu-142

MAT 6298

(n,3n) p

63-Eu-142

Radionuclide Production Cross Section



102

Incident Energy (MeV)

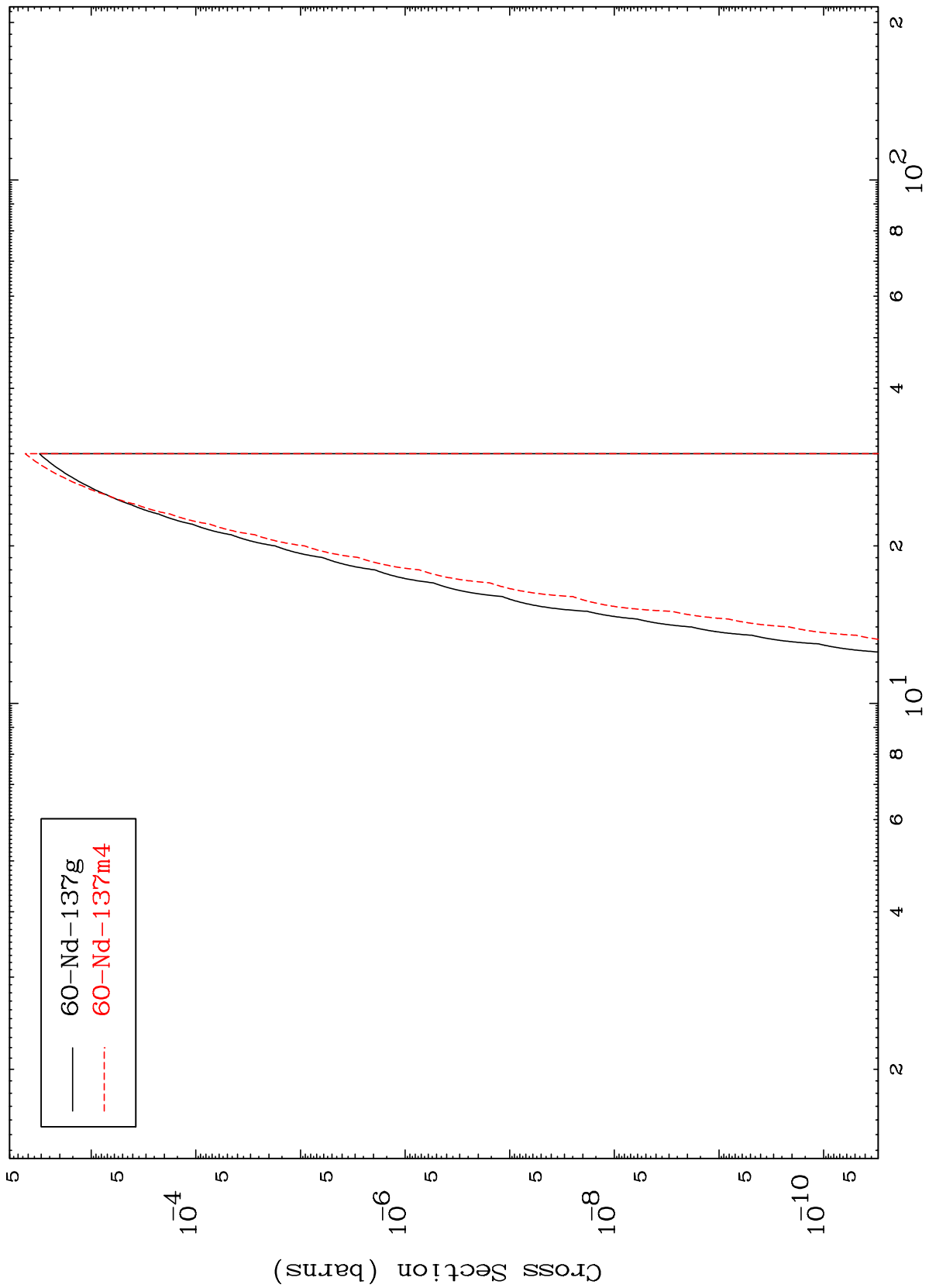
63-Eu-142

MAT 6298

(n,n') p  $\alpha$

63-Eu-142

Radionuclide Production Cross Section



103

Incident Energy (MeV)

63-Eu-142

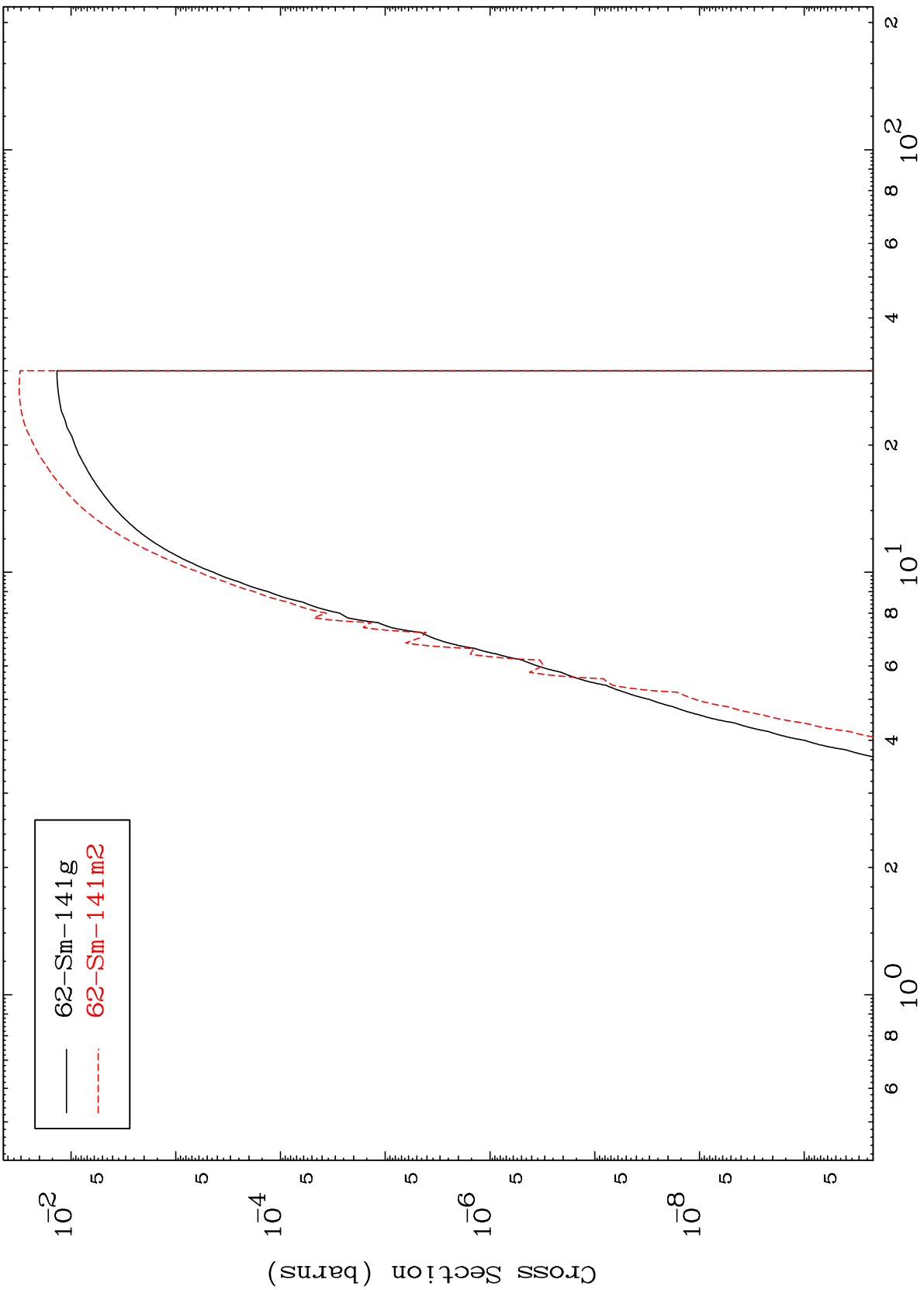
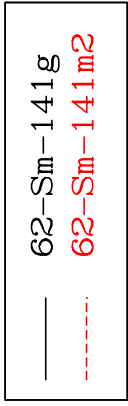


MAT 6298

(n,d)

63-Eu-142

Radionuclide Production Cross Section



104

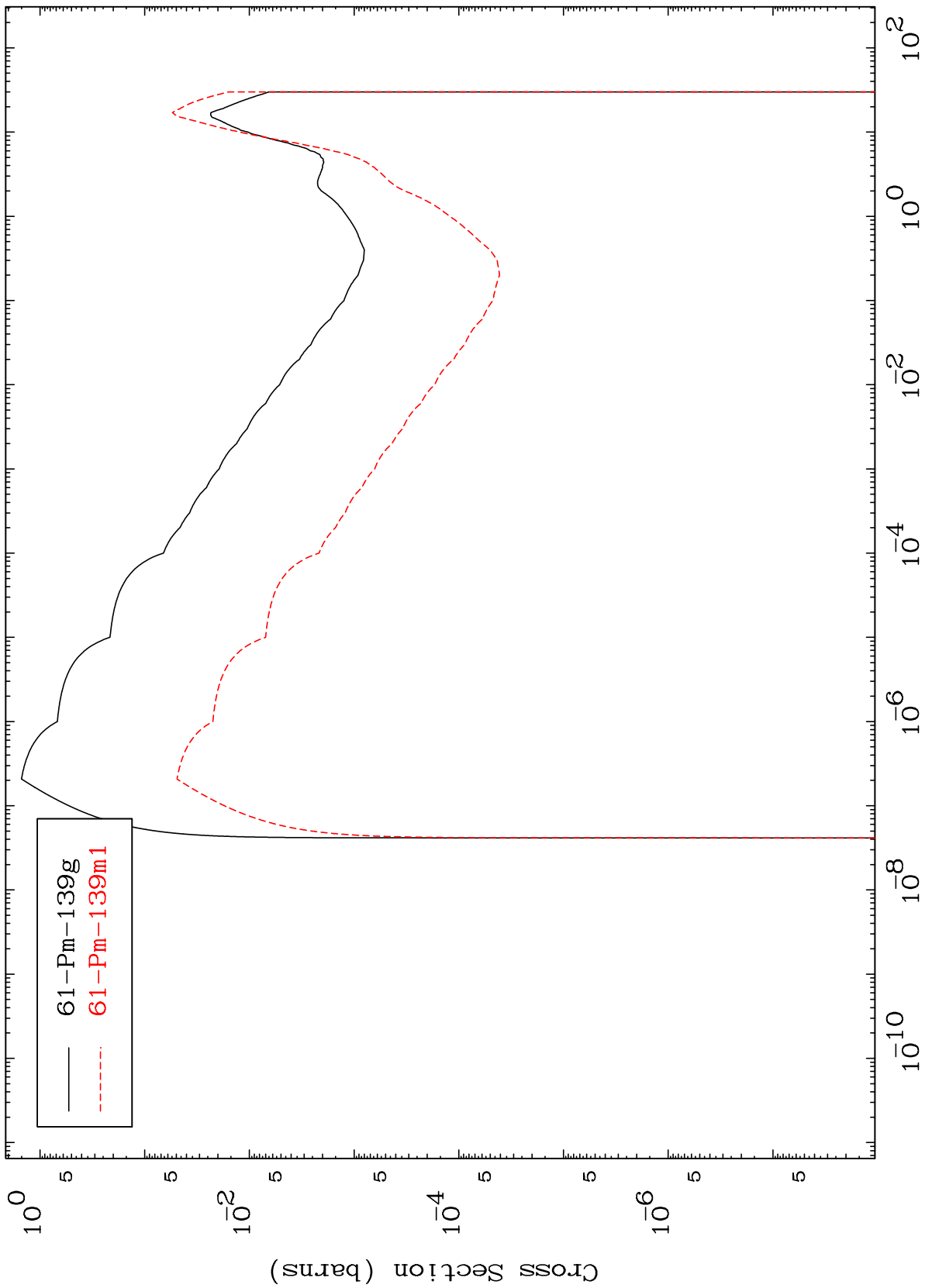
Incident Energy (MeV)

63-Eu-142

MAT 6298

63-Eu-142

Radionuclide Production Cross Section (n,  $\alpha$ )



105

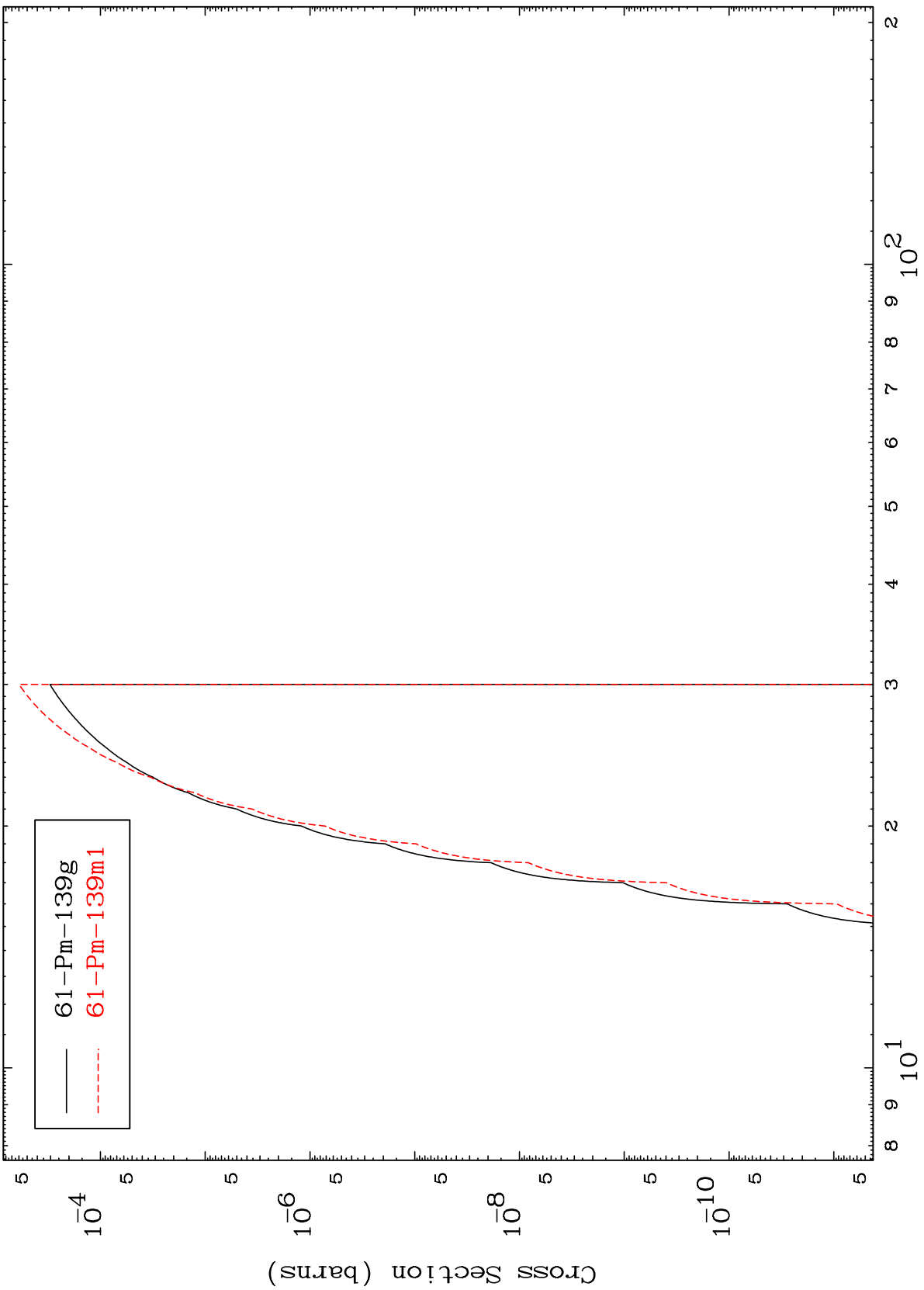
63-Eu-142

MAT 6298

(n,p) t

63-Eu-142

Radionuclide Production Cross Section



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

106

Incident Energy (MeV)

63-Eu-142

MAT 6298

(n,d)  $\alpha$

63-Eu-142

Radionuclide Production Cross Section

