

Program EVALPLOT  
(Version 2015-2)

by

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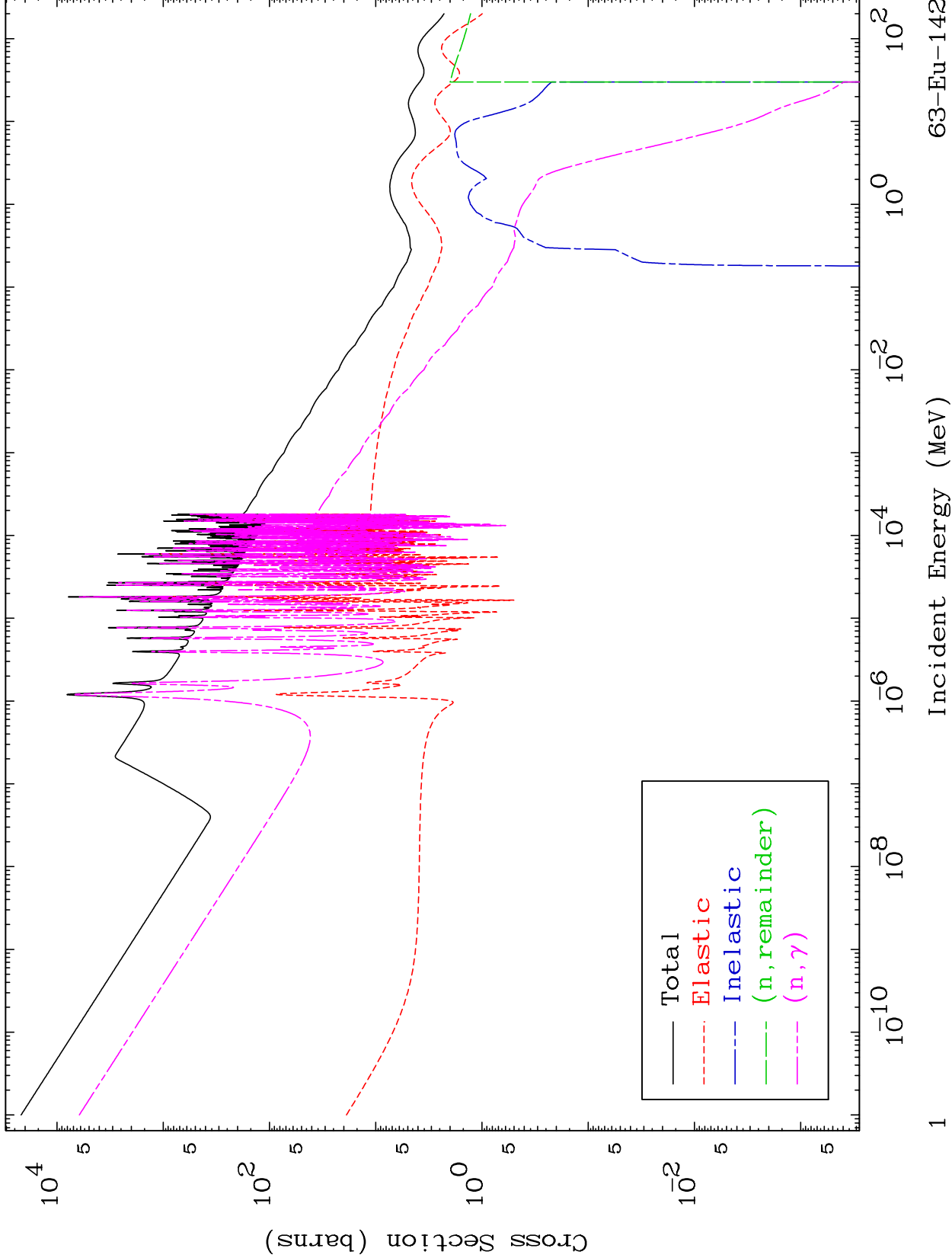
Press Mouse Button to Start

MAT 6298

Major

293 Kelvin Cross Sections

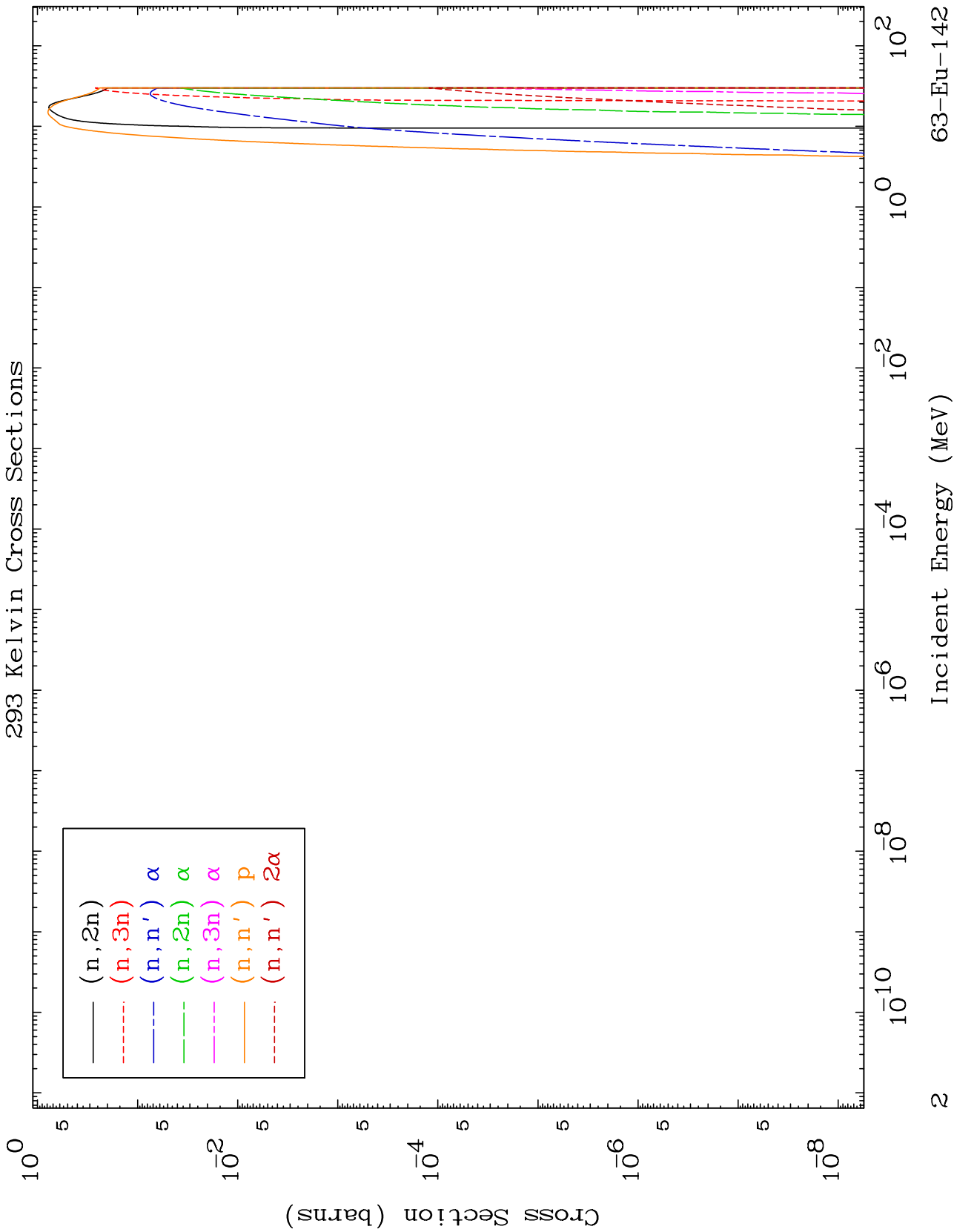
63-Eu-142

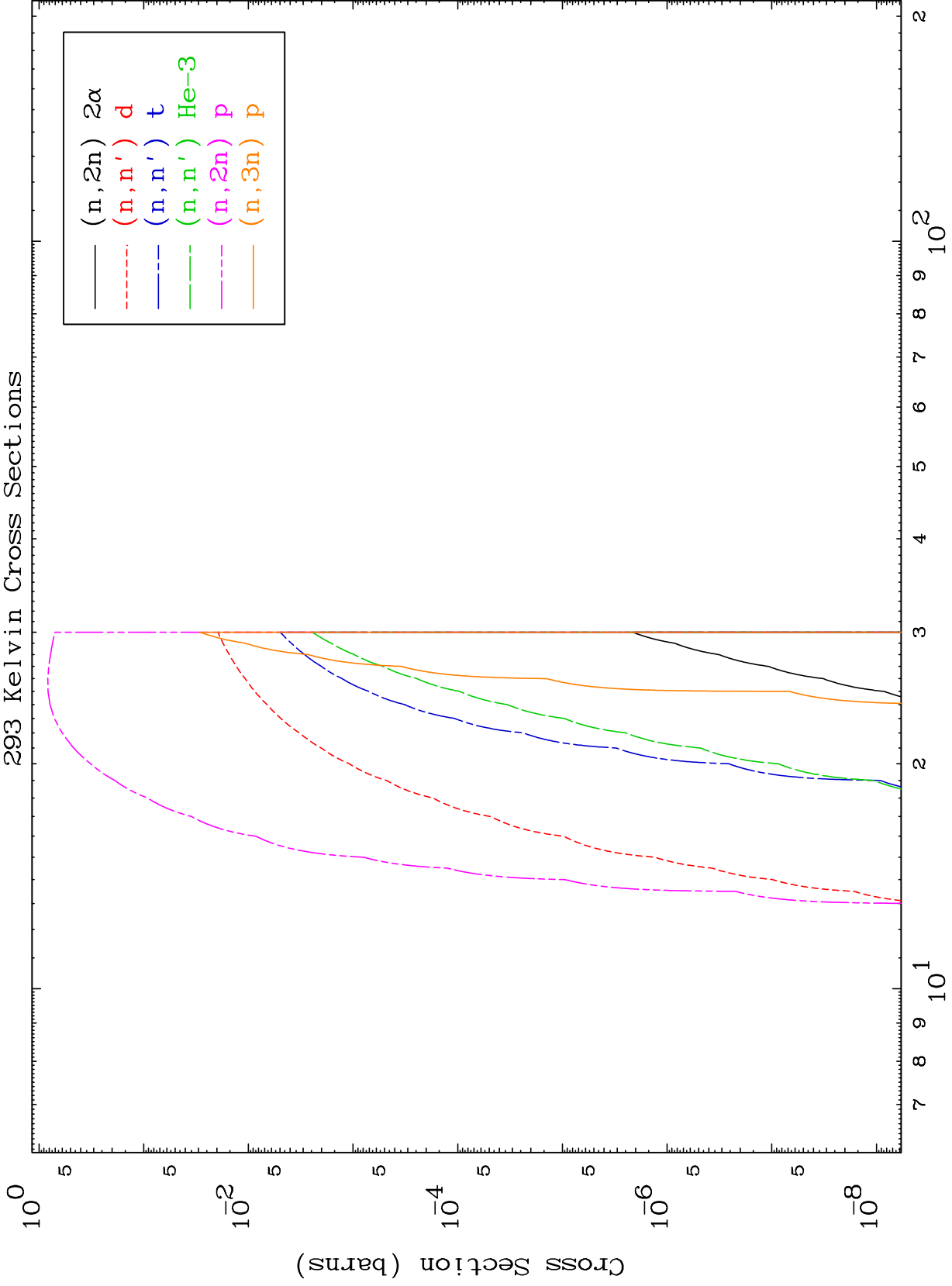


MAT 6298

Neutron Production  
293 Kelvin Cross Sections

63-Eu-142

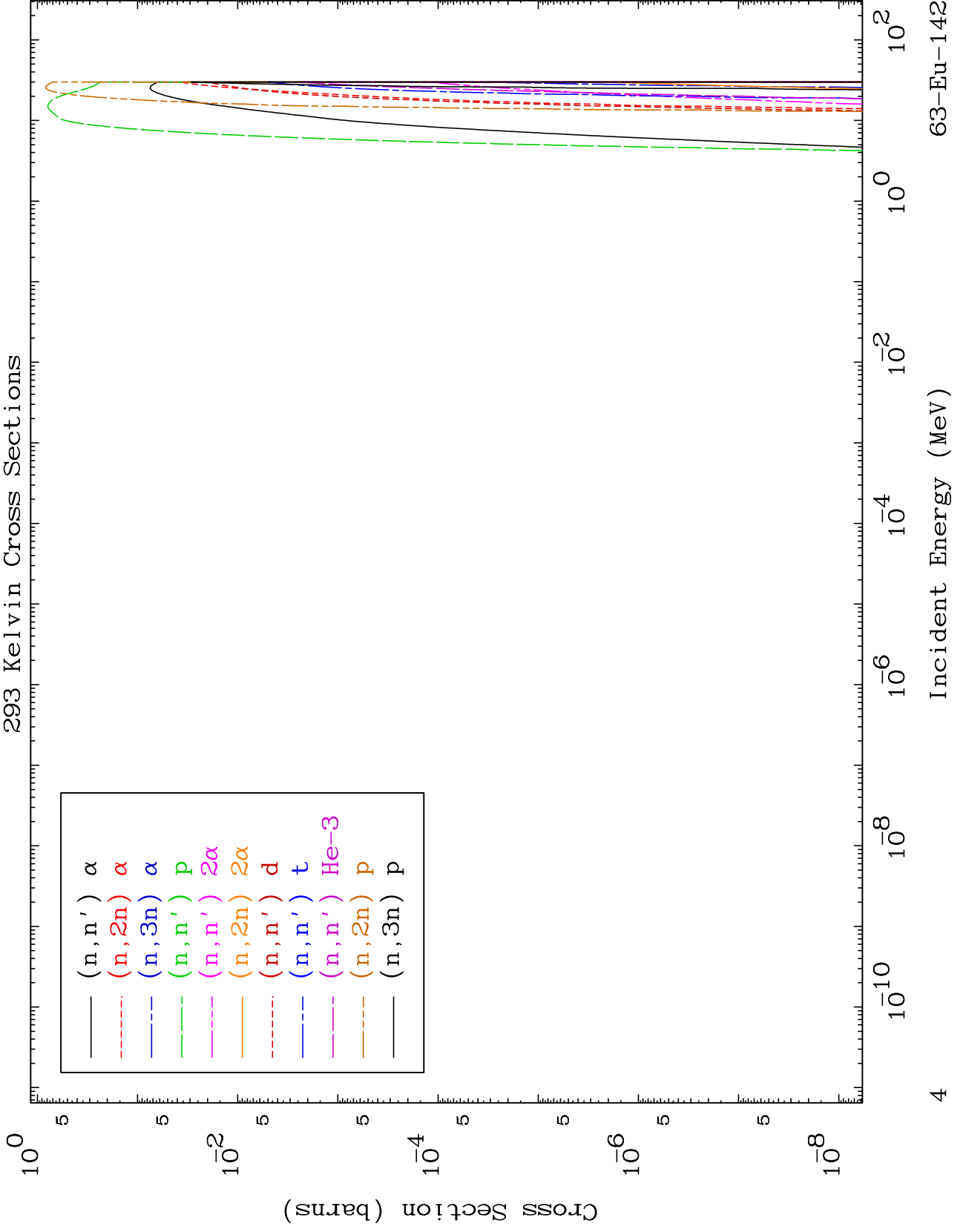




MAT 6298

Charged Particle  
293 Kelvin Cross Sections

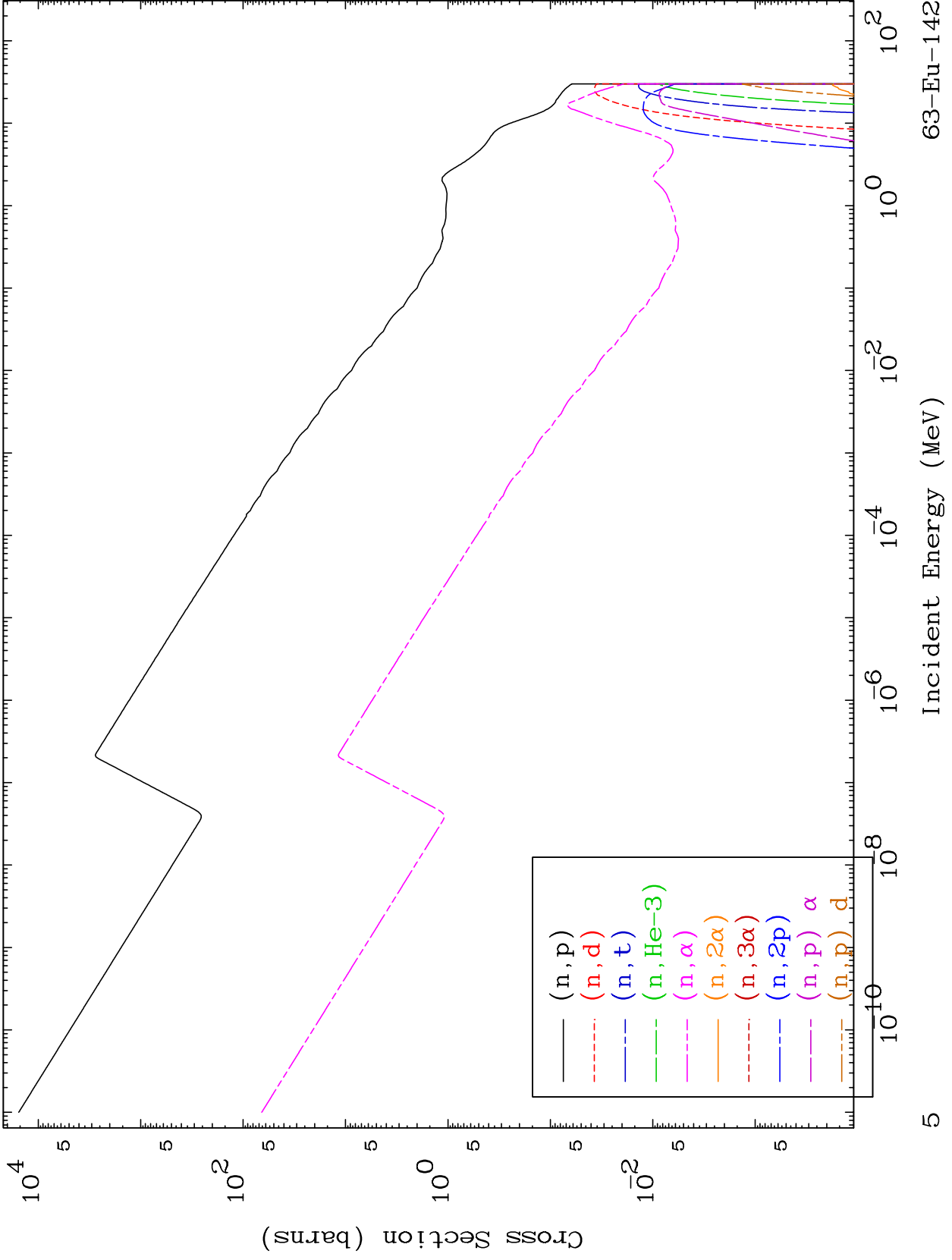
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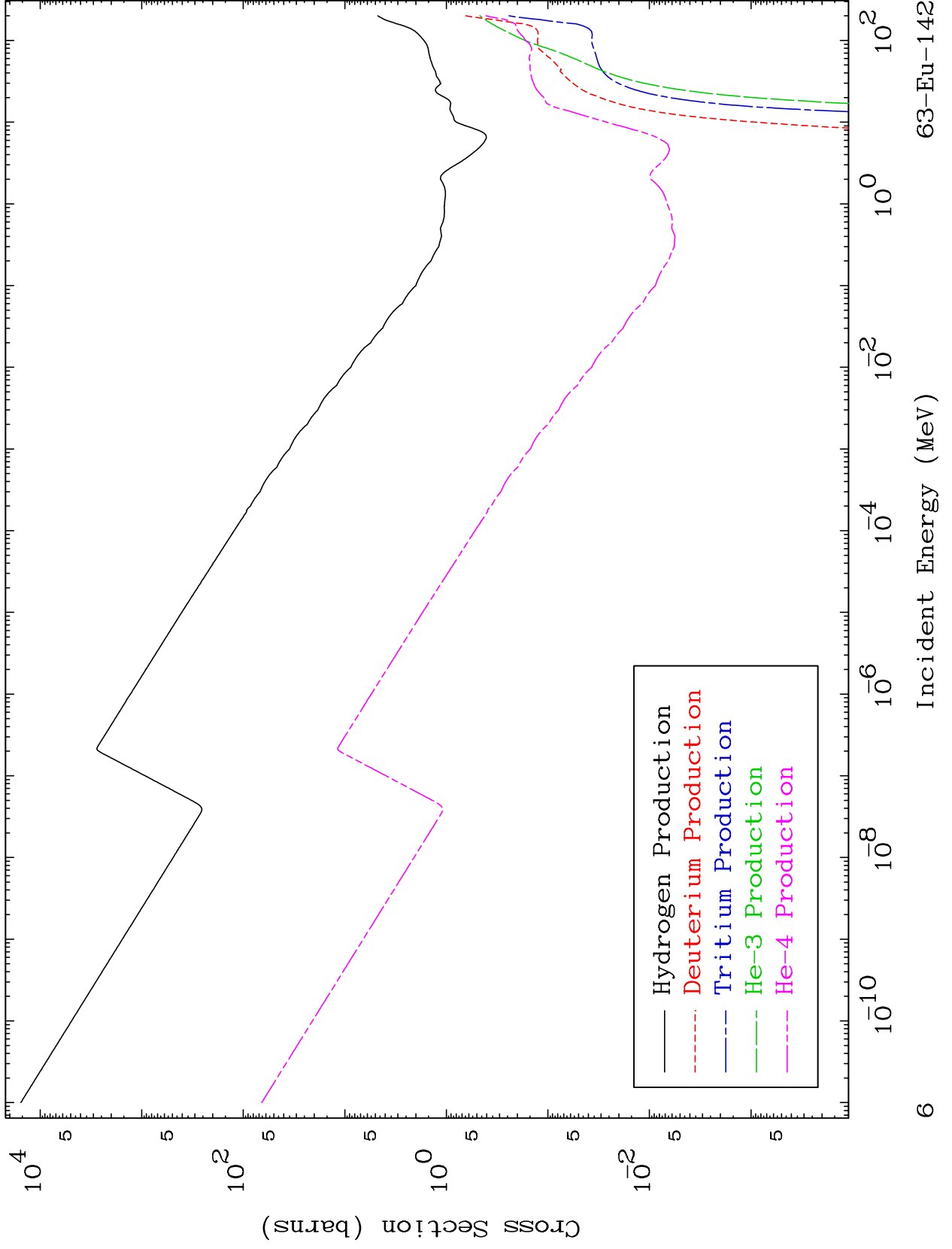


MAT 6298

Charged Particle  
293 Kelvin Cross Sections

63-Eu-142



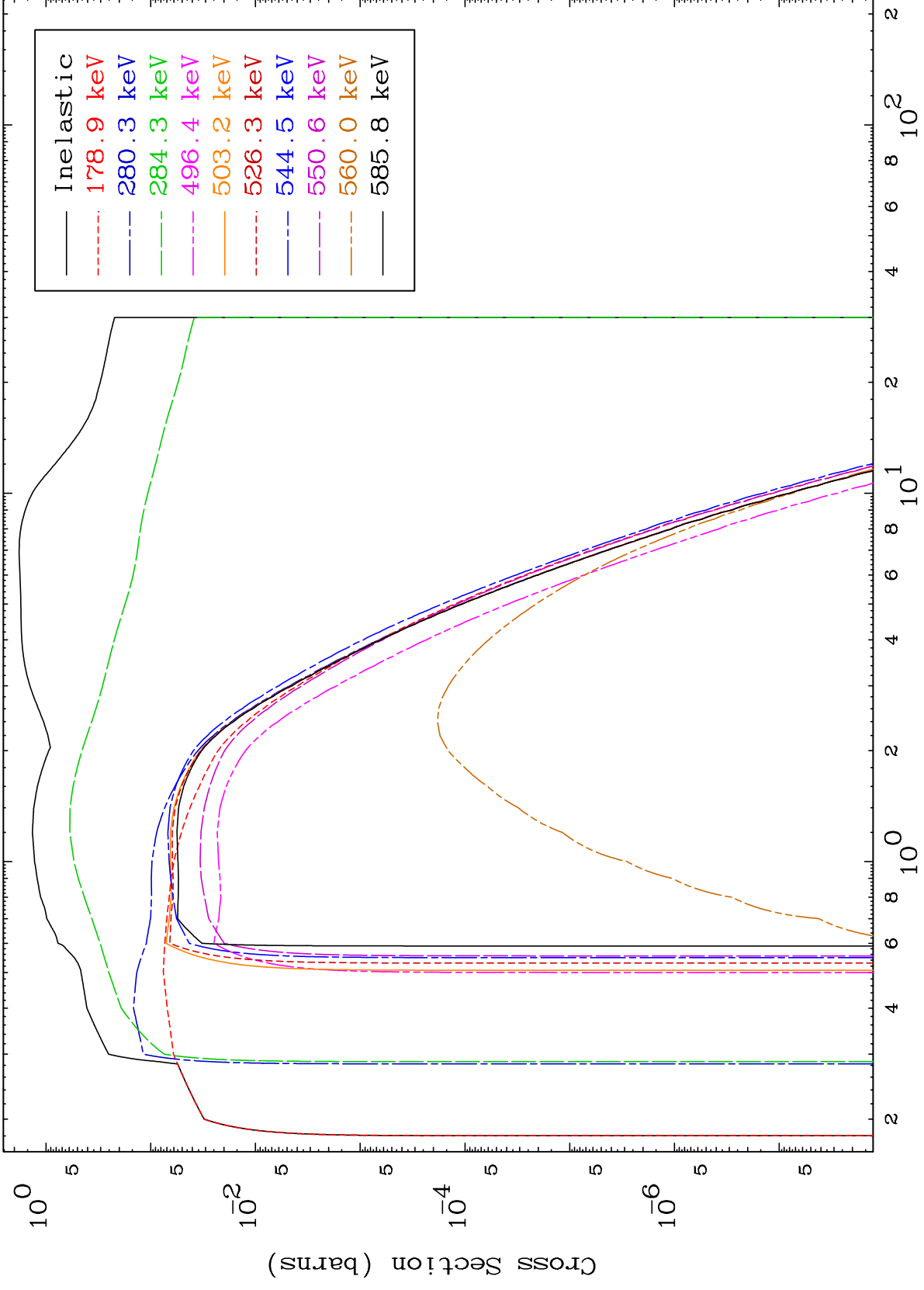


MAT 6298

(n,n') Level

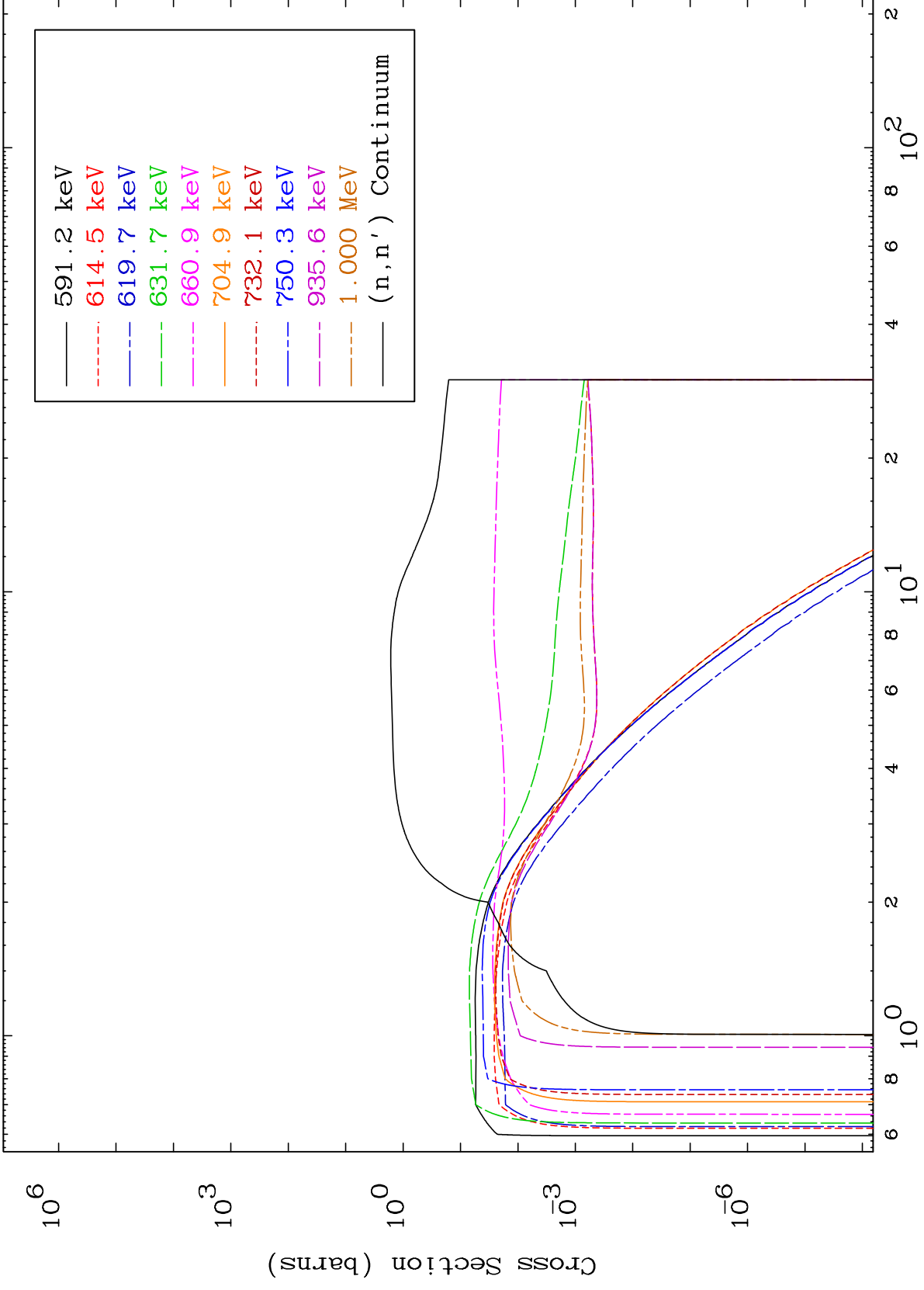
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293 Kelvin Cross Sections





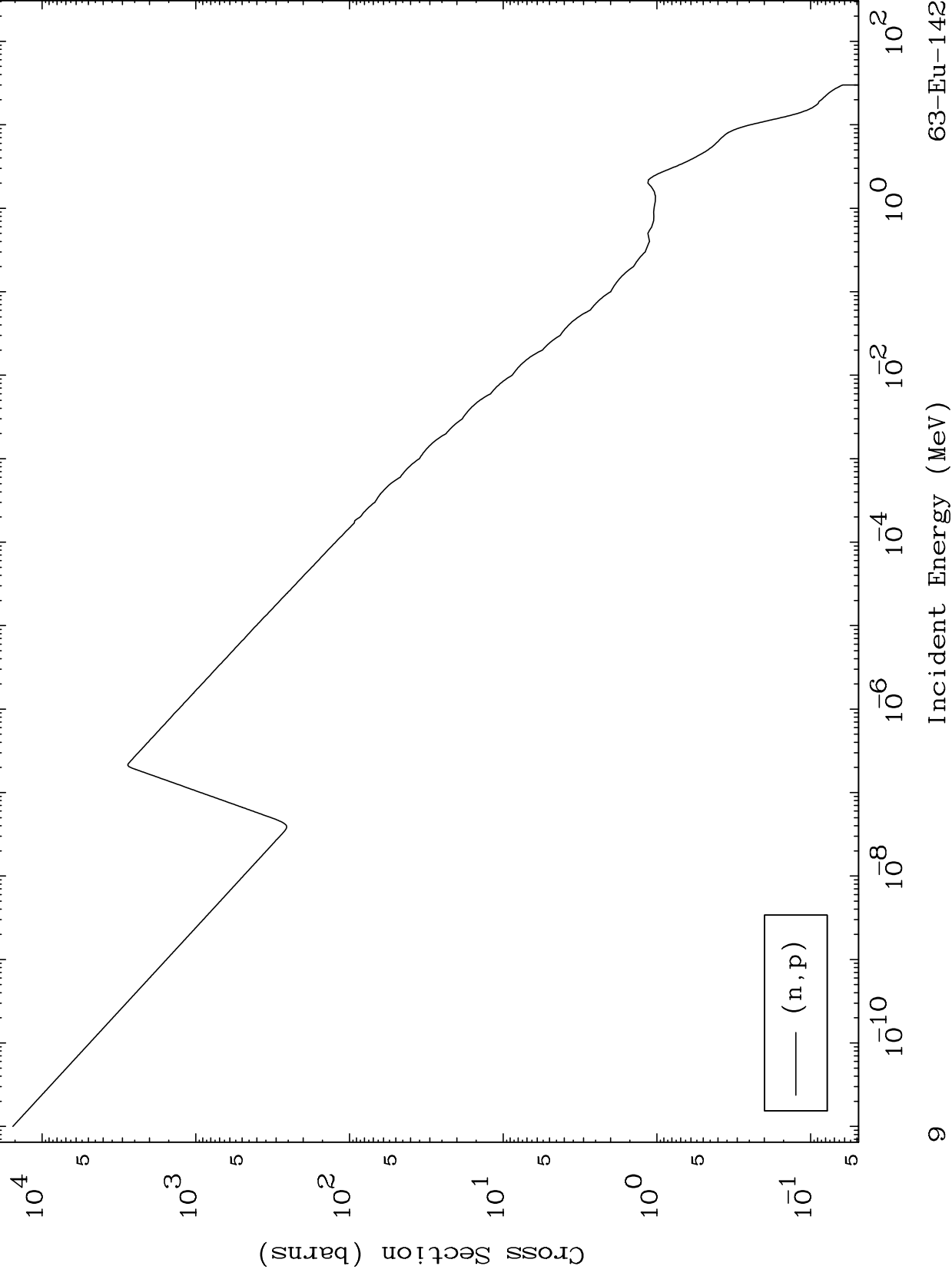
293 Kelvin Cross Sections



MAT 6298

(n,p) Levels  
293 Kelvin Cross Sections

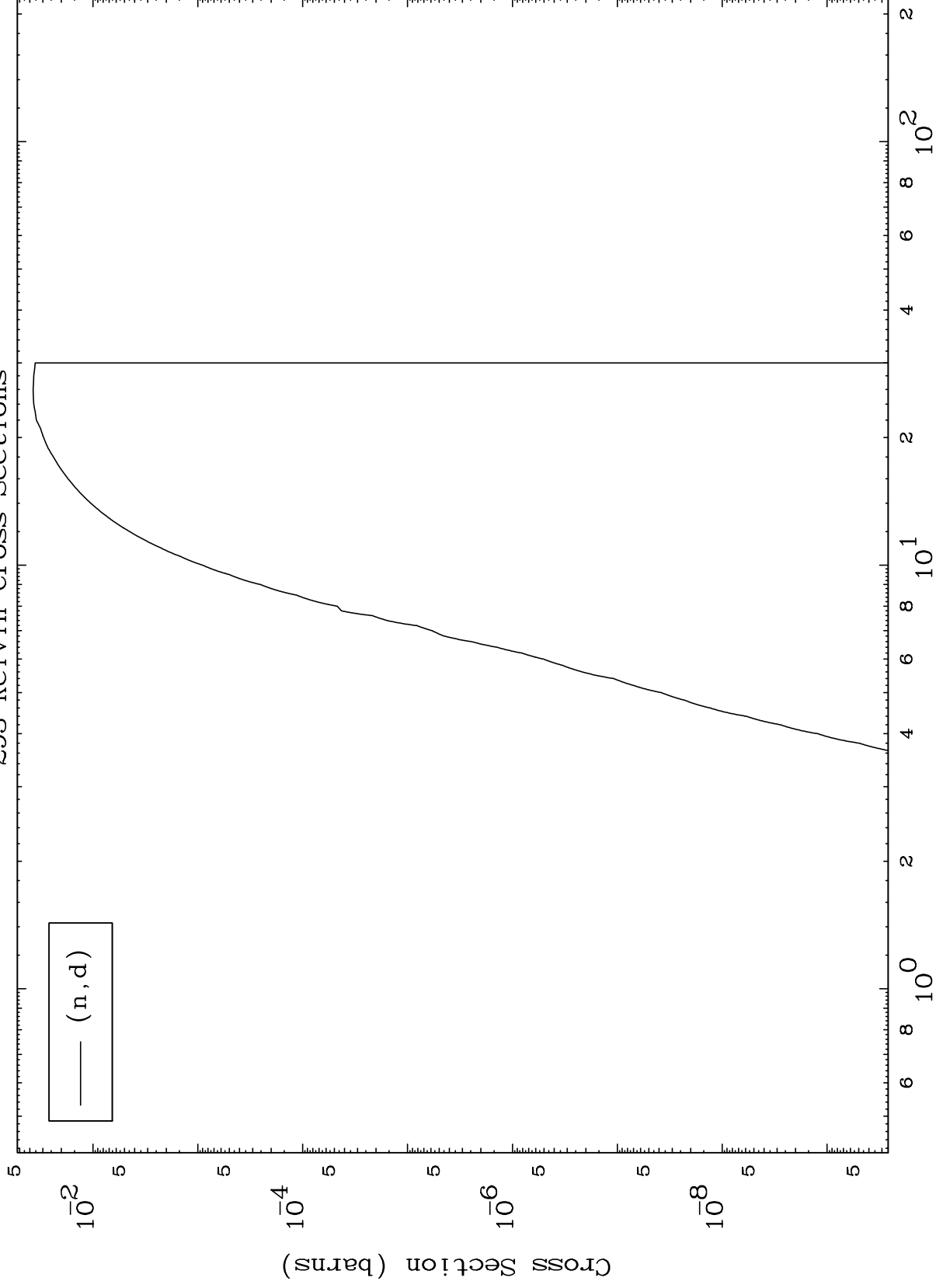
63-Eu-142



MAT 6298

(n,d) Levels  
293 Kelvin Cross Sections

63-Eu-142



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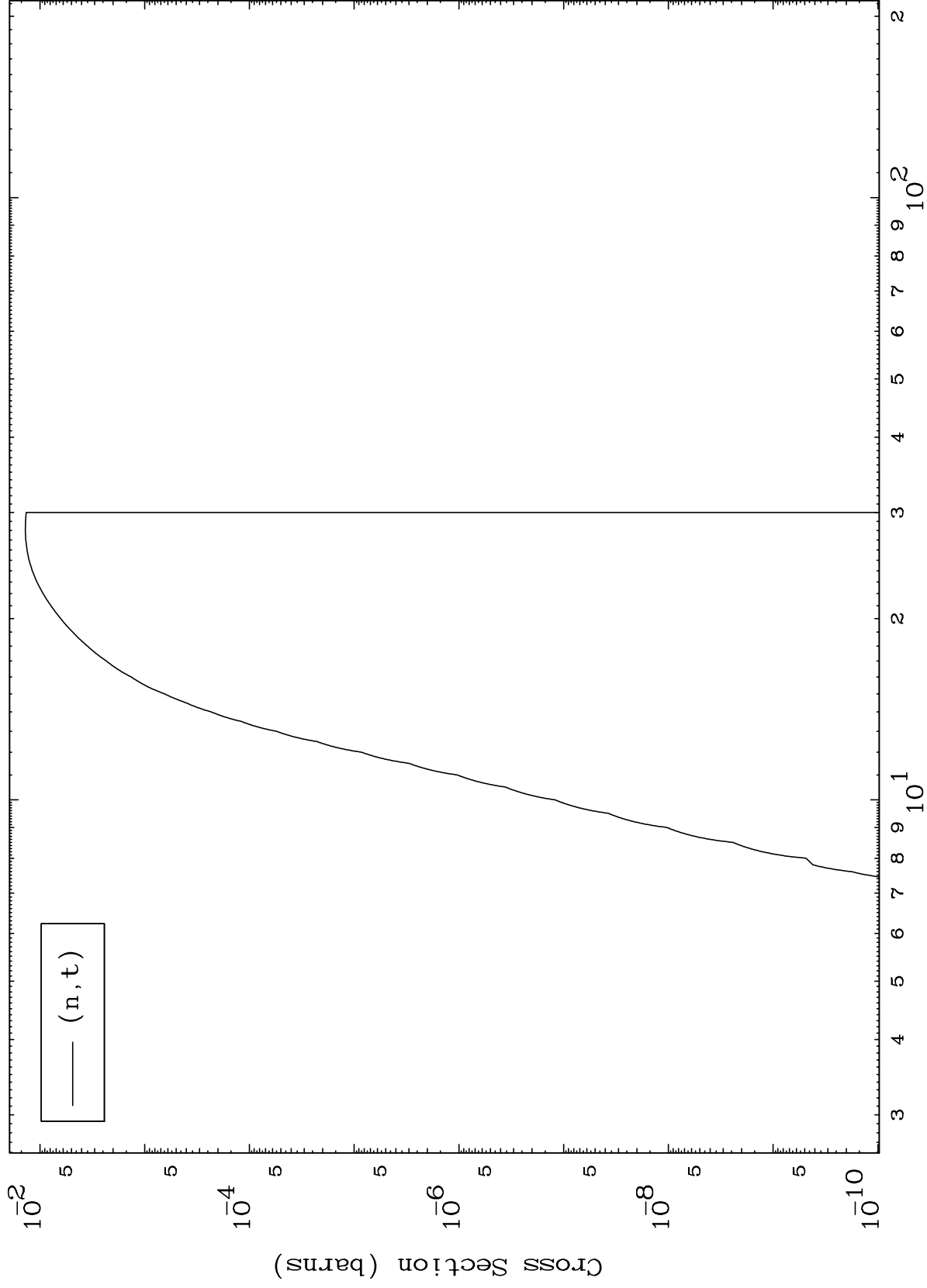
Incident Energy (MeV)

63-Eu-142

MAT 6298

(n,t) Levels  
293 Kelvin Cross Sections

63-Eu-142



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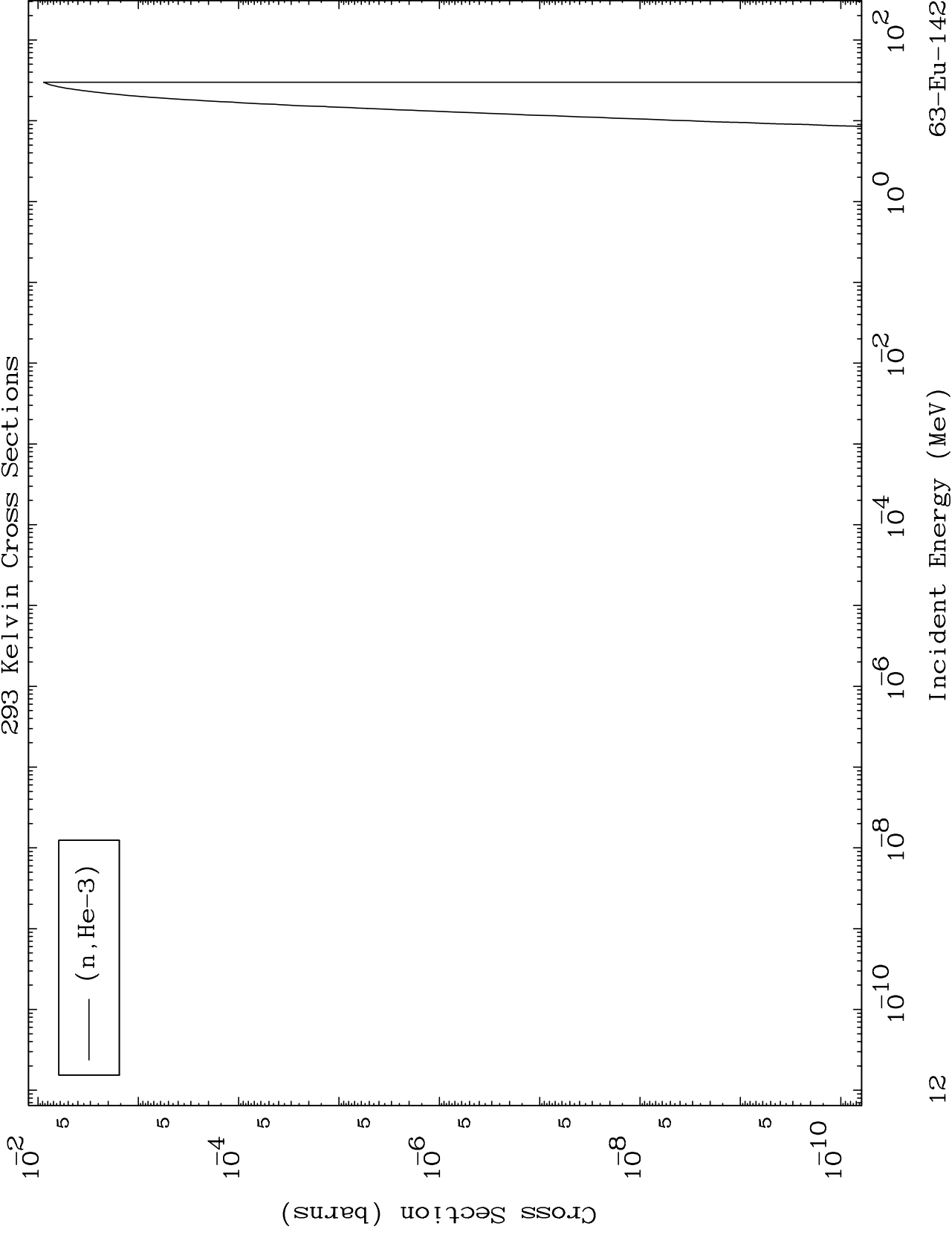
Incident Energy (MeV)

63-Eu-142

MAT 6298

(n,He3) Levels  
293 Kelvin Cross Sections

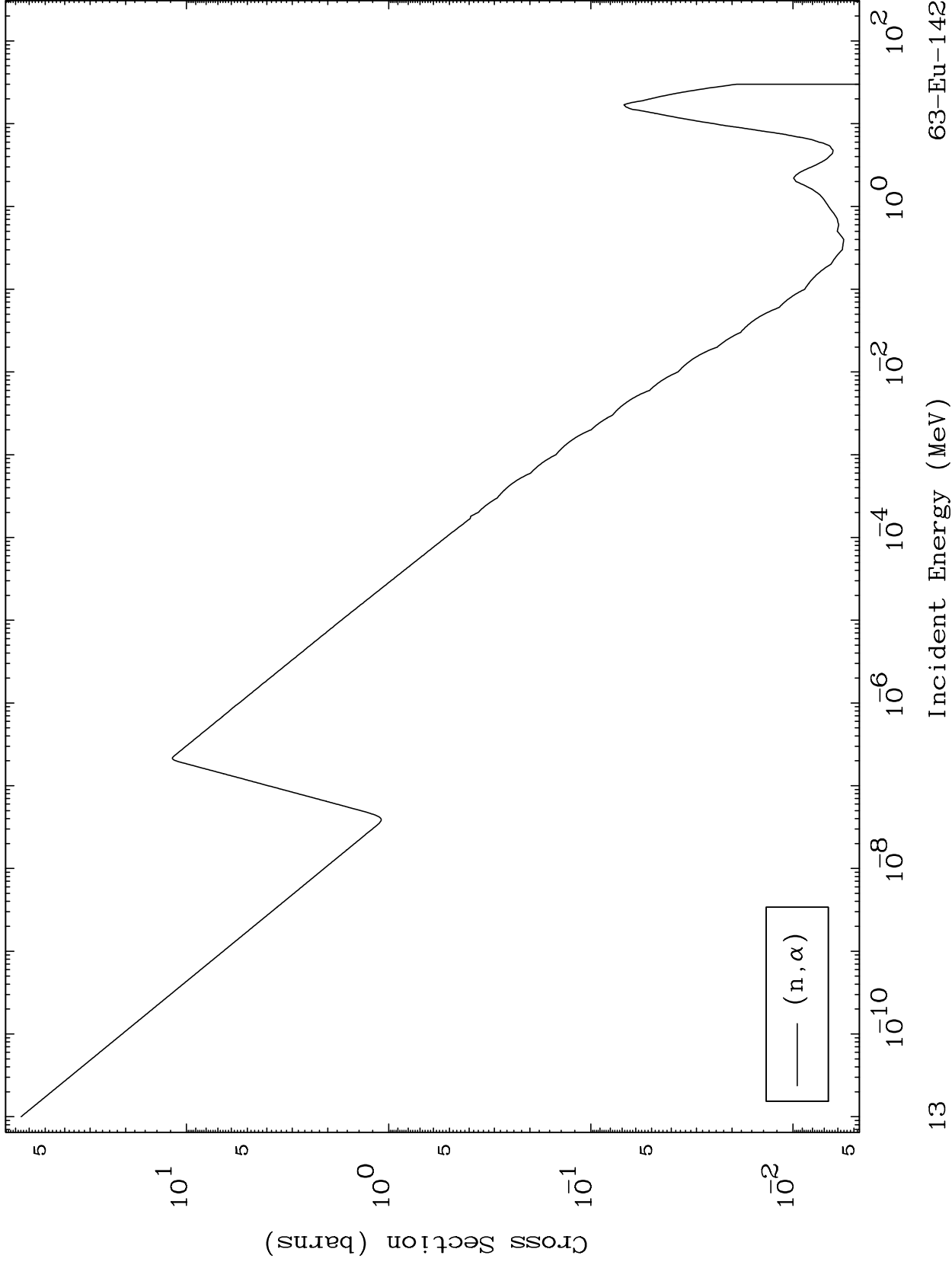
63-Eu-142



MAT 6298

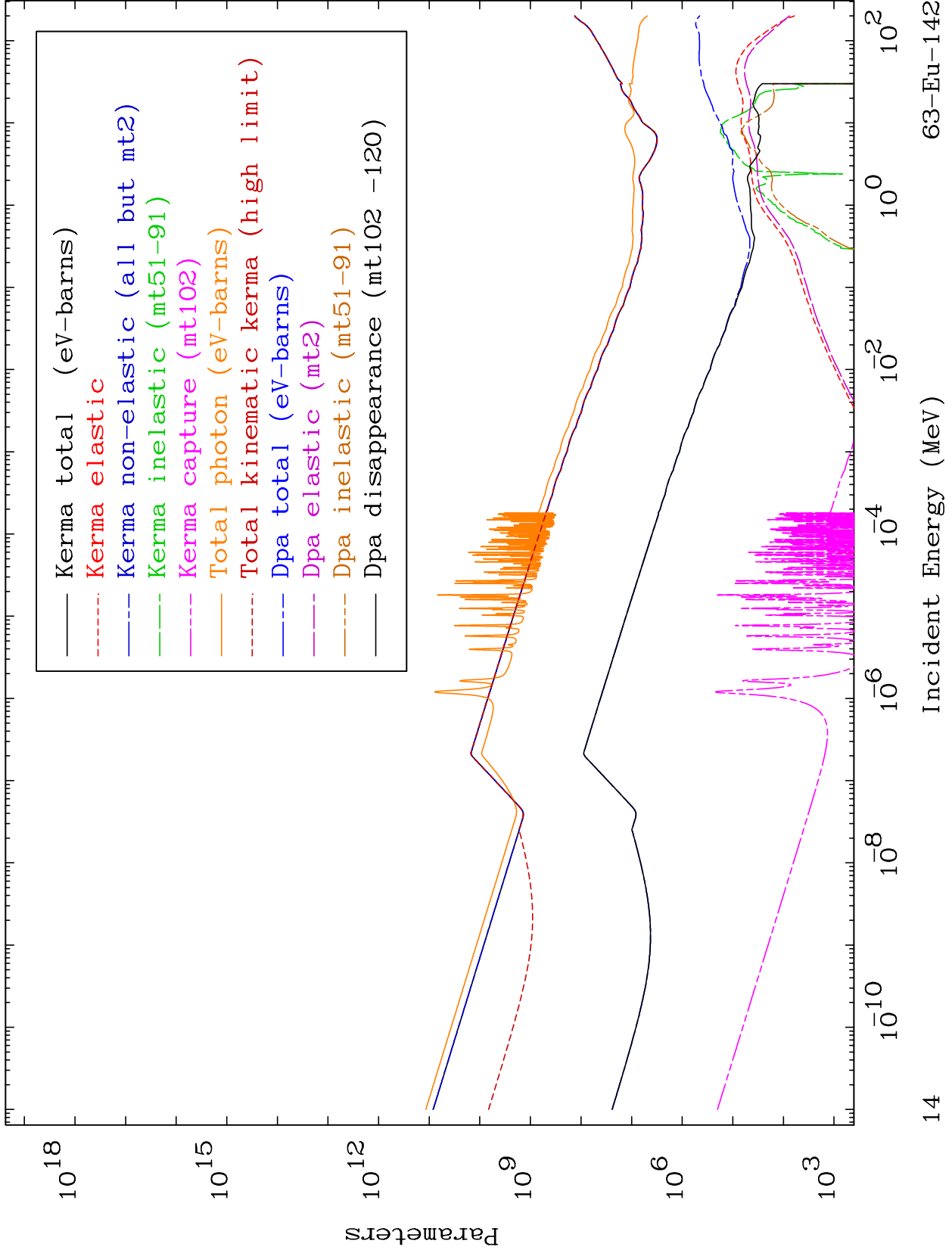
(n,α) Levels  
293 Kelvin Cross Sections

63-Eu-142



13

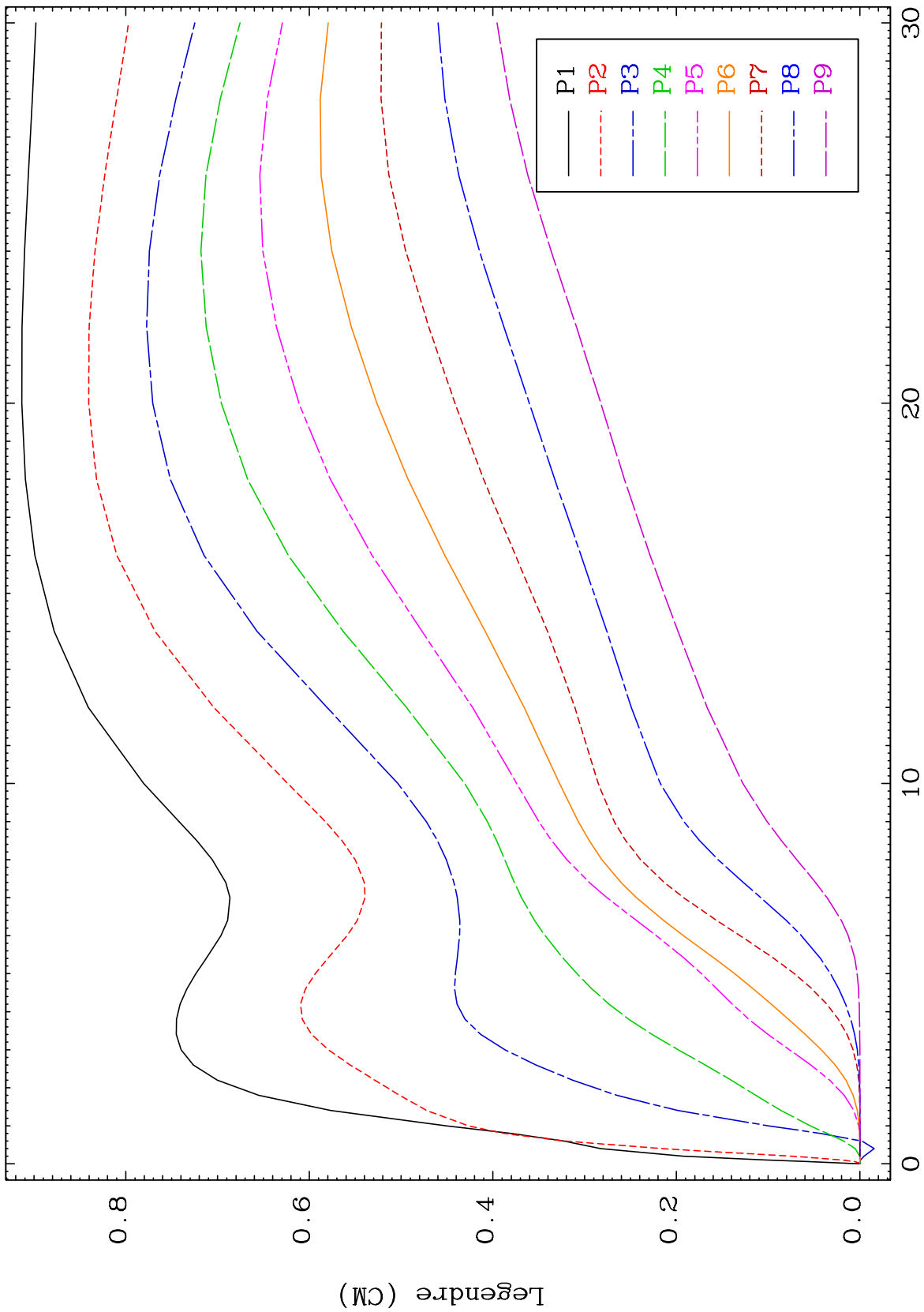
63-Eu-142



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Elastic Legendre Coefficients

63-Eu-142



15

Incident Energy (MeV)

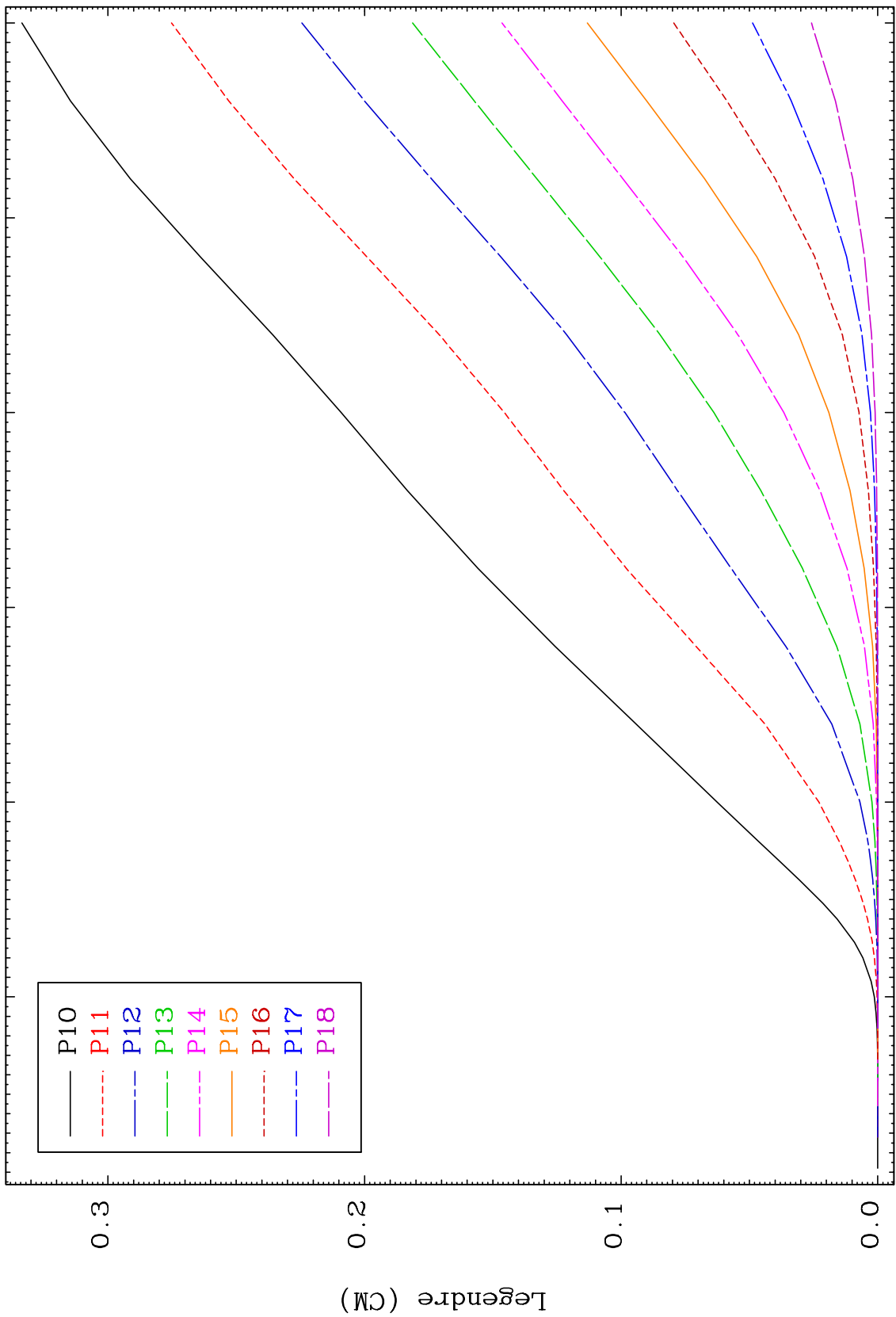
63-Eu-142



MAT 6298

Elastic Legendre Coefficients

63-Eu-142



16

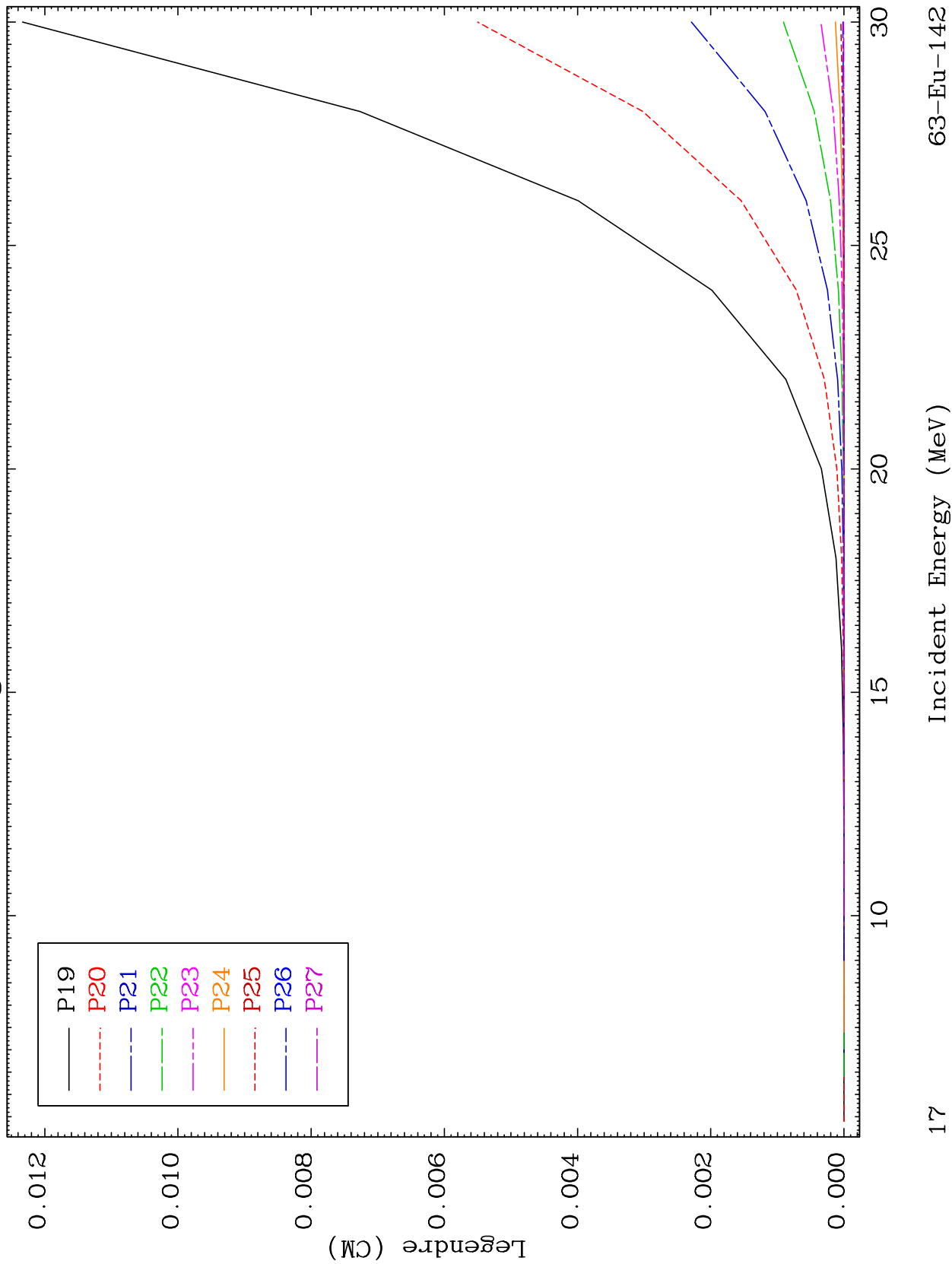
Incident Energy (MeV)

63-Eu-142

MAT 6298

### Elastic Legendre Coefficients

63-Eu-142



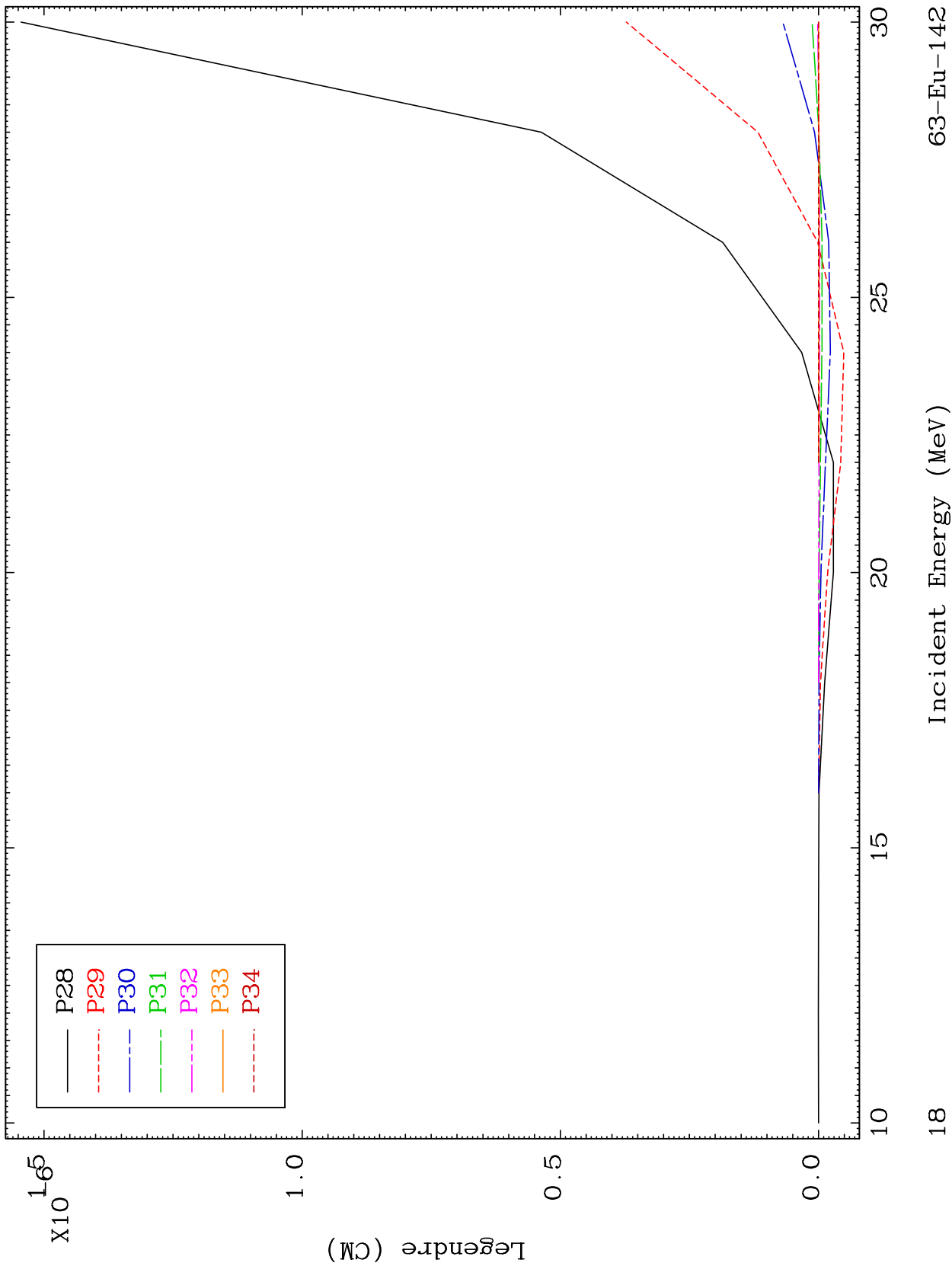
17

63-Eu-142

MAT 6298

Elastic Legendre Coefficients

63-Eu-142

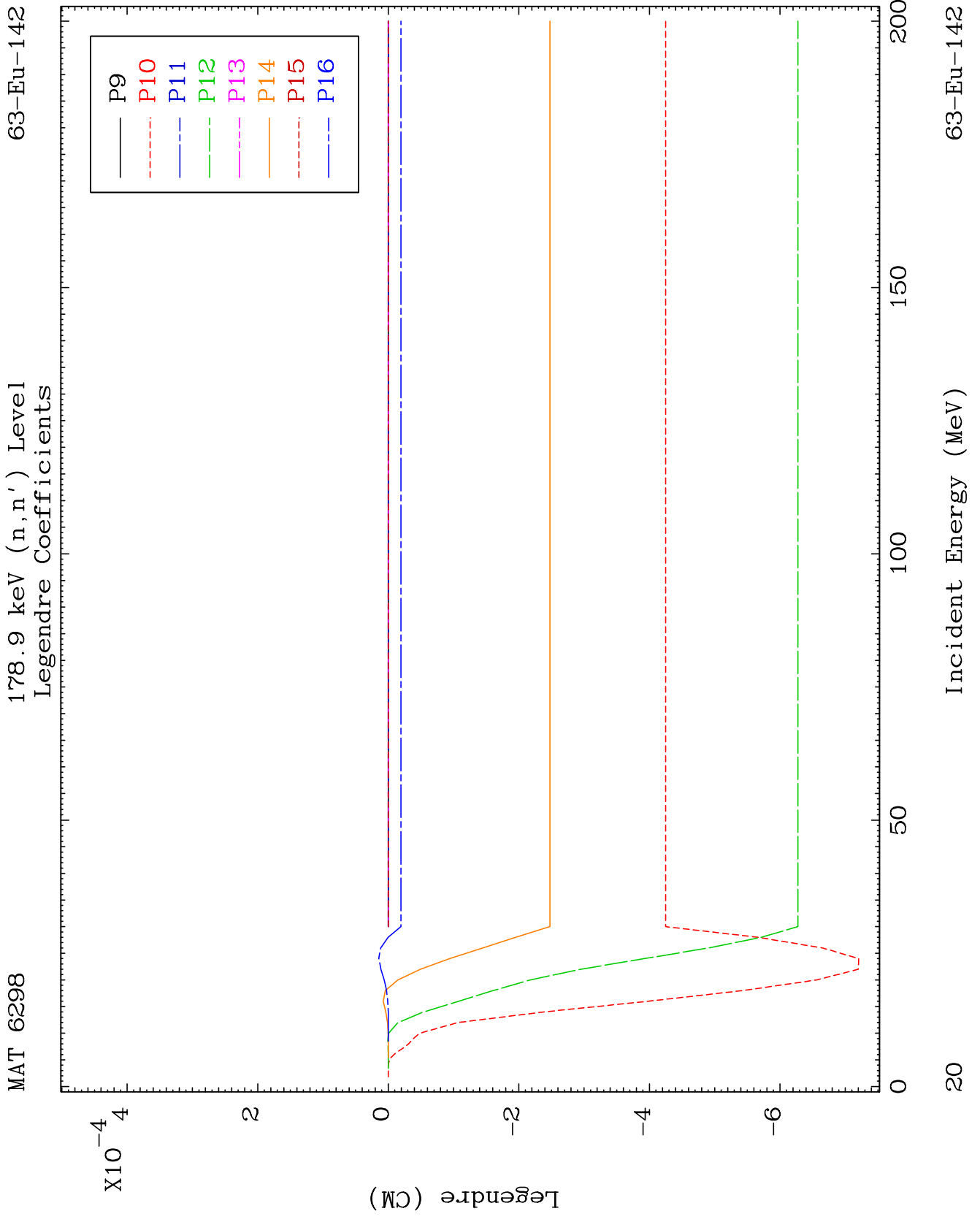


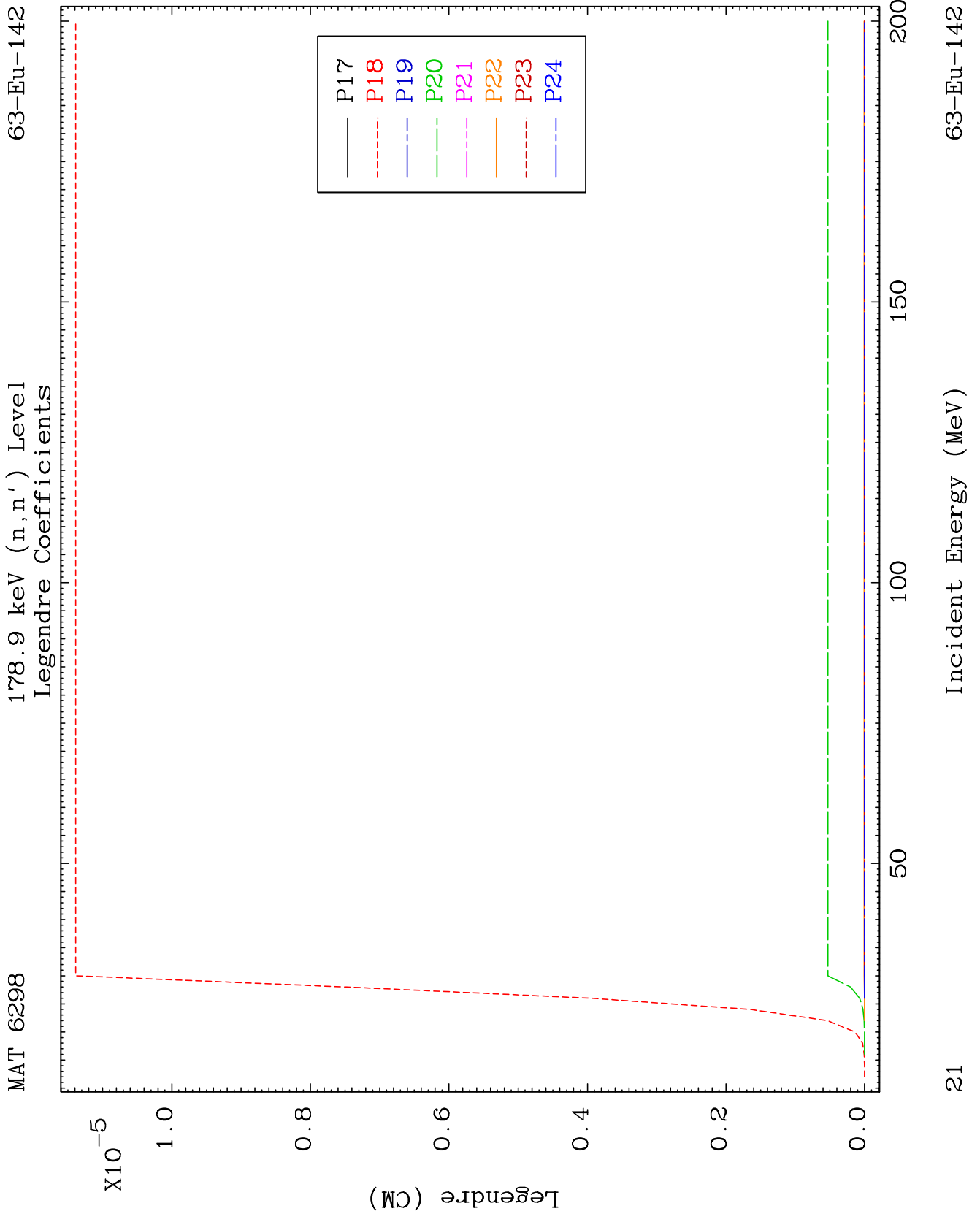
63-Eu-142

Incident Energy (MeV)

18











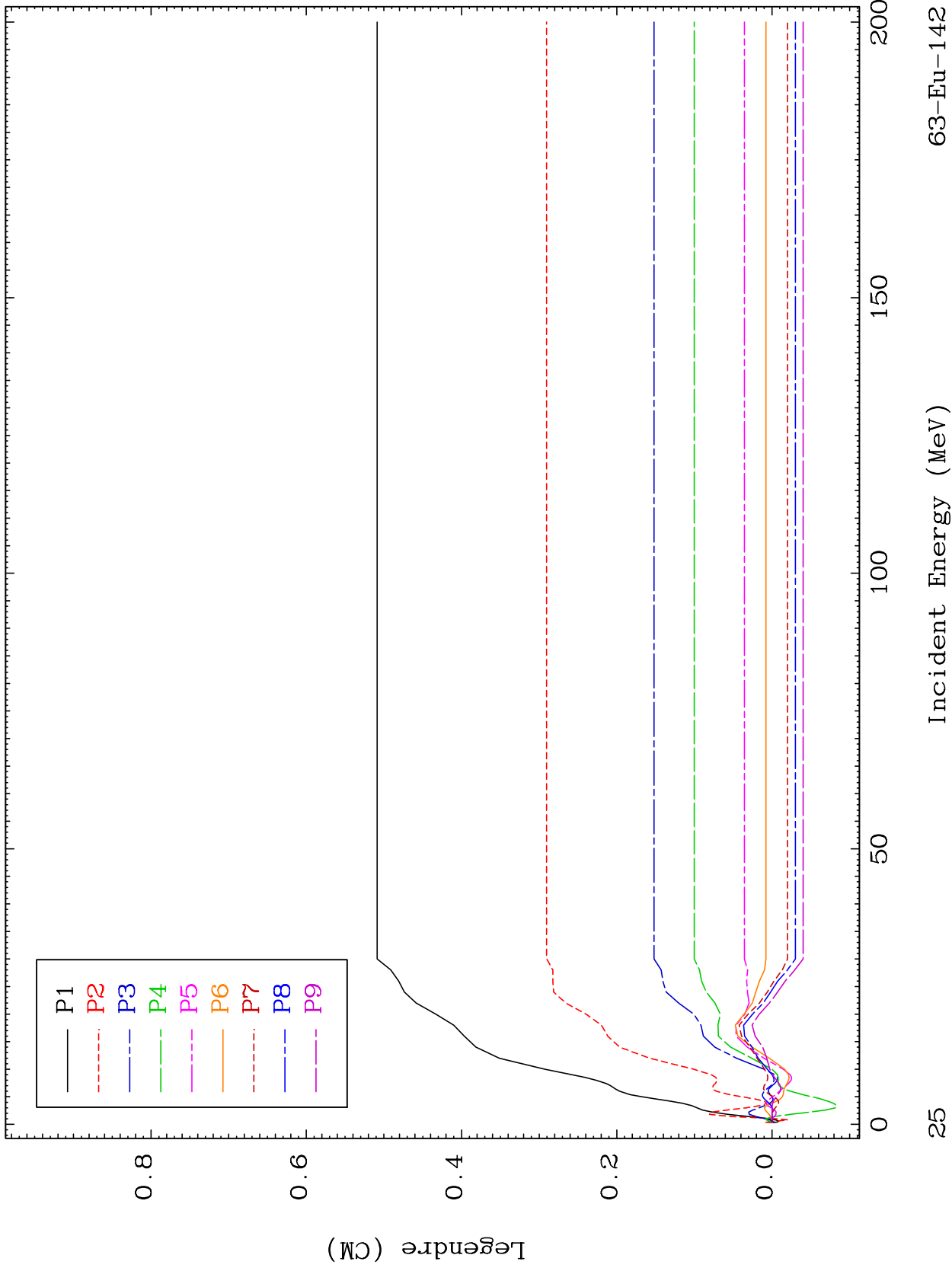




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284.3 keV (n,n') Level  
Legendre Coefficients

63-Eu-142

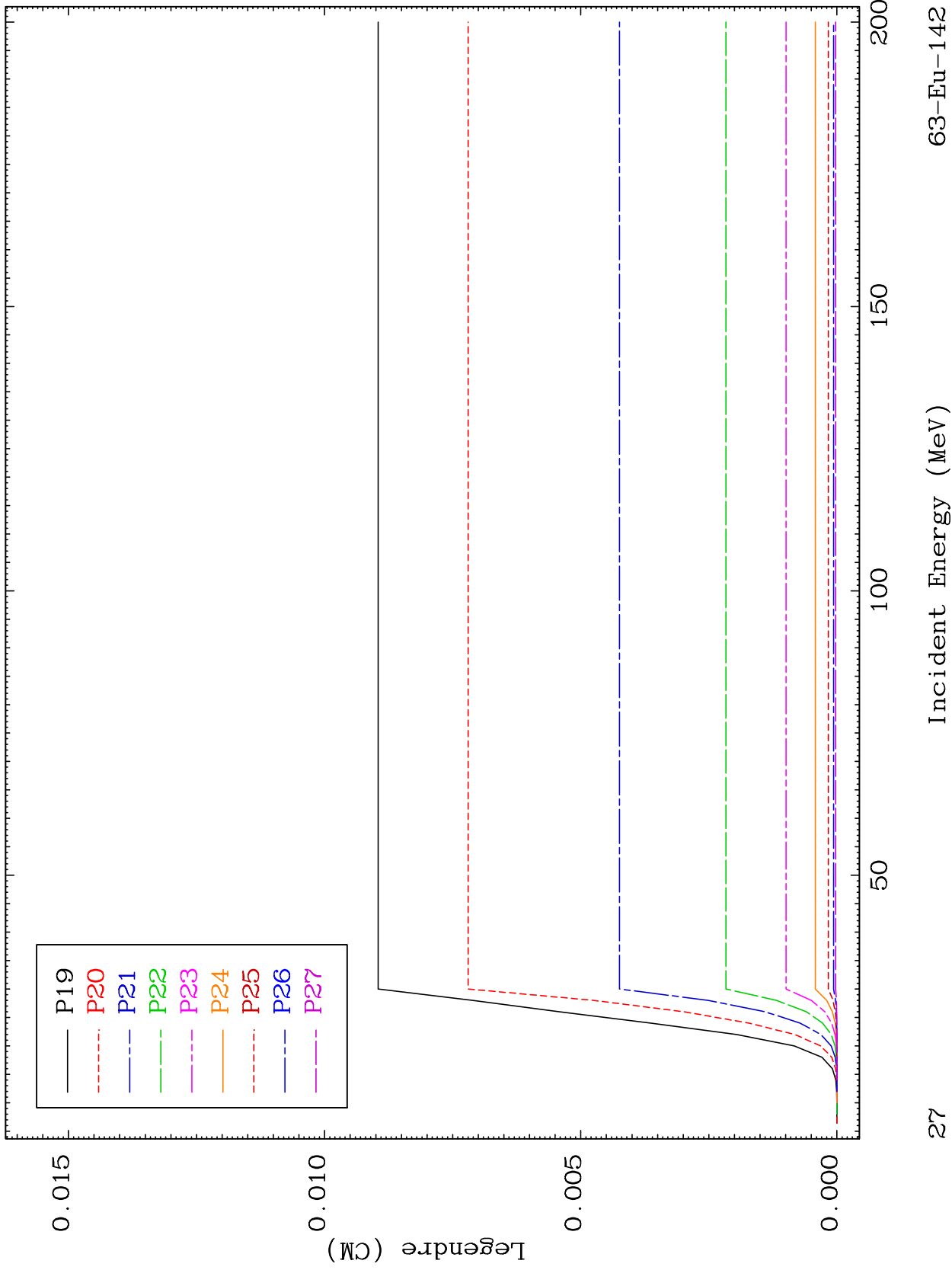


63-Eu-142

Incident Energy (MeV)

25

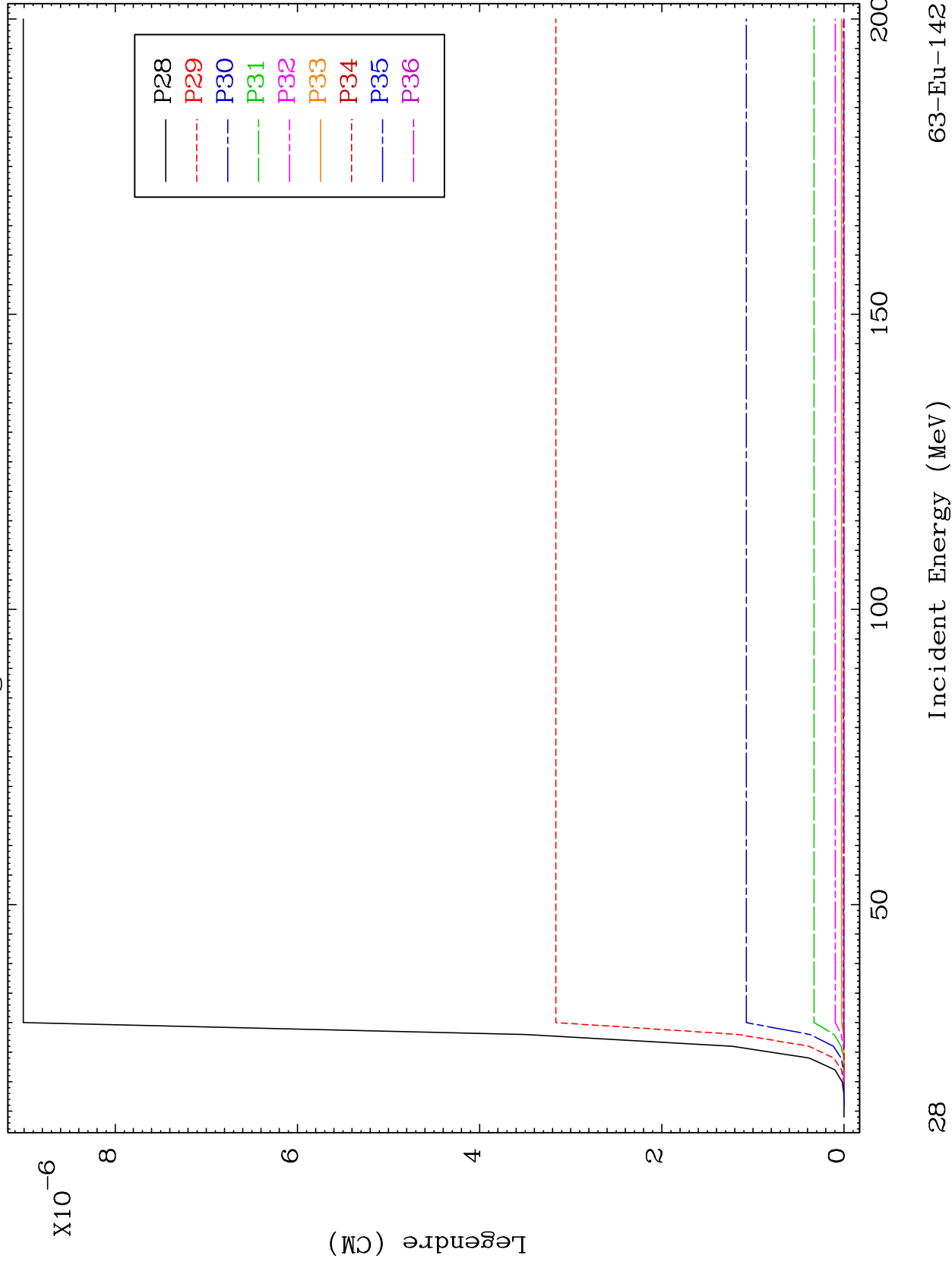




MAT 6298

284.3 keV (n,n') Level  
Legendre Coefficients

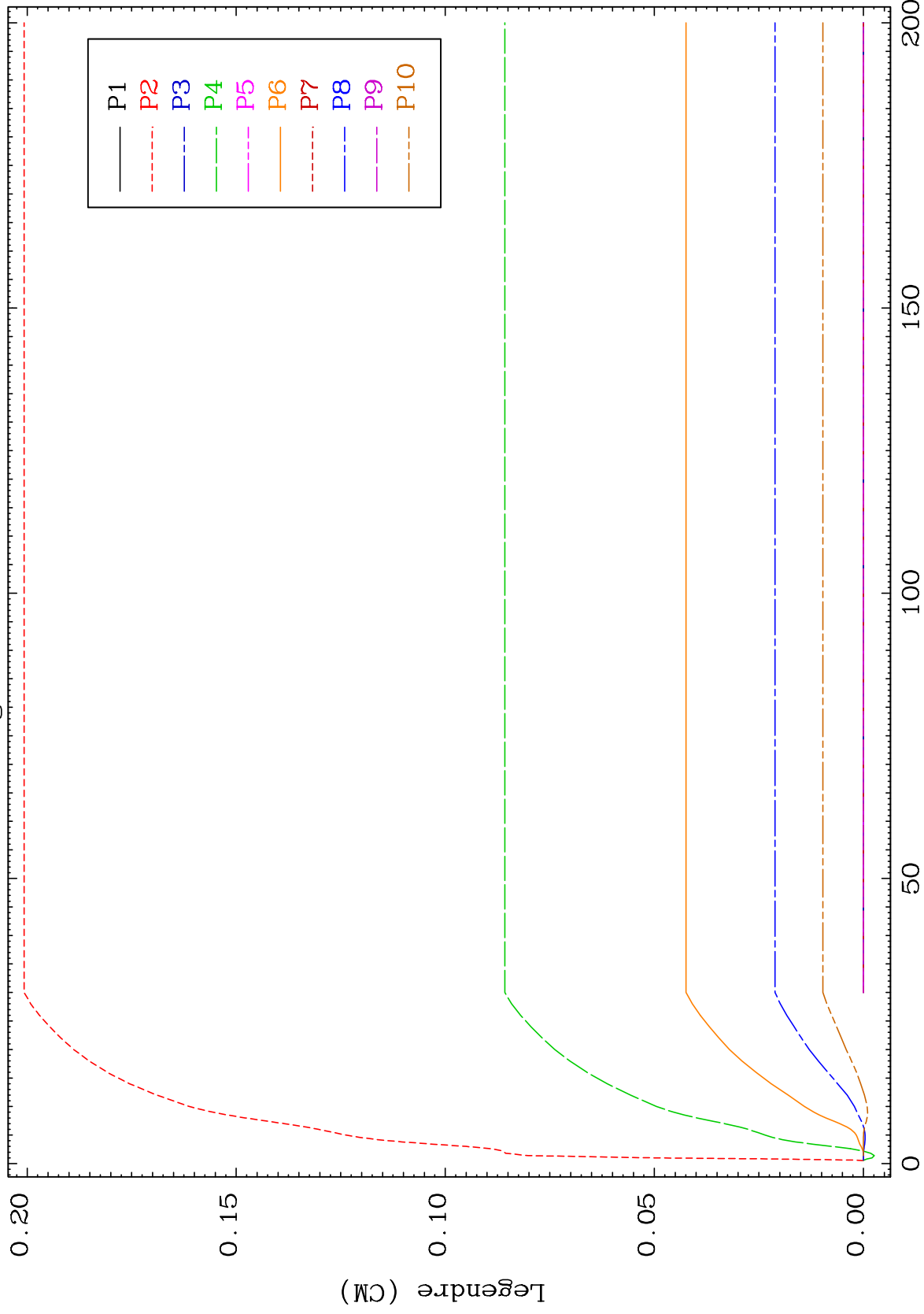
63-Eu-142



MAT 6298

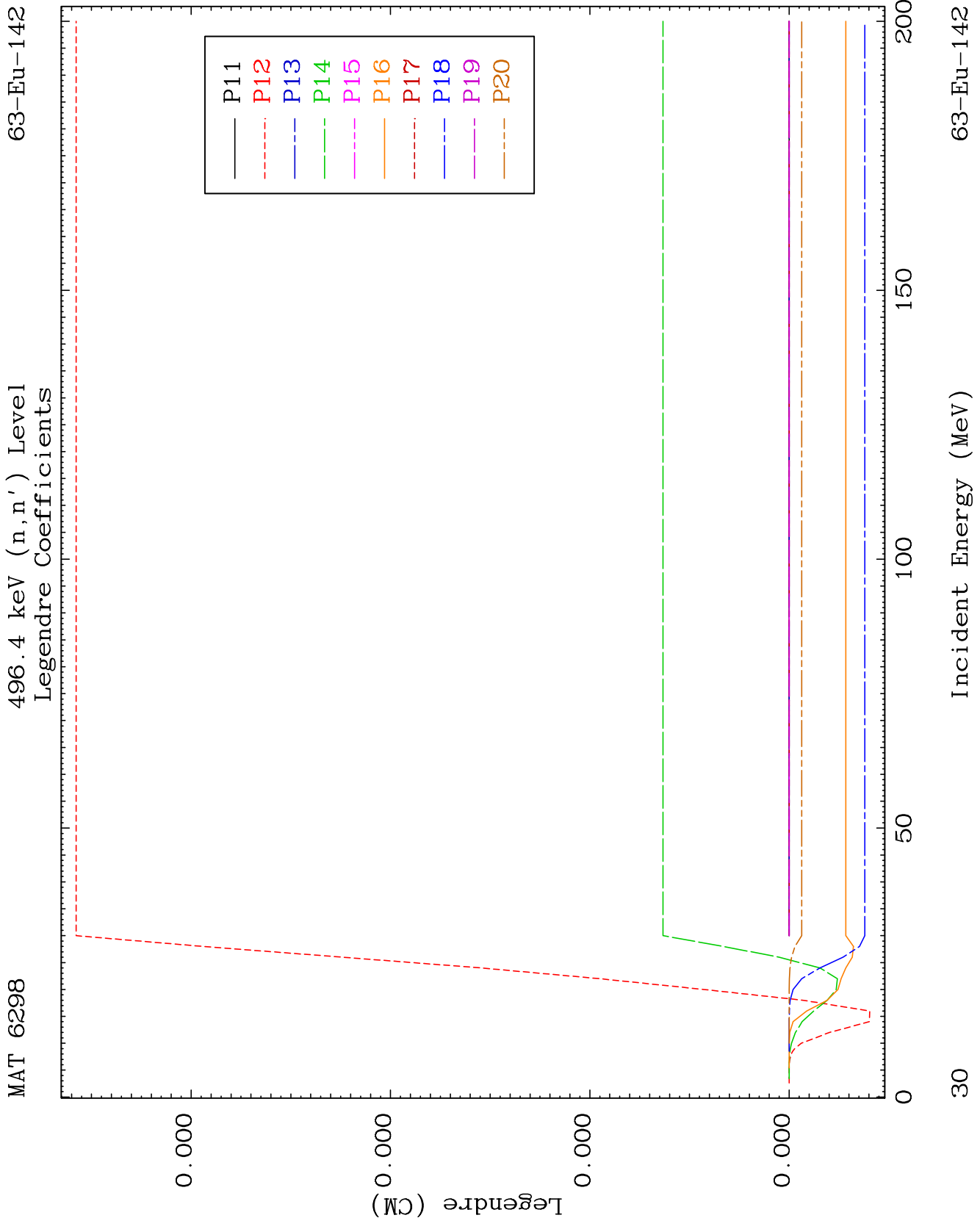
496.4 keV (n,n') Level  
Legendre Coefficients

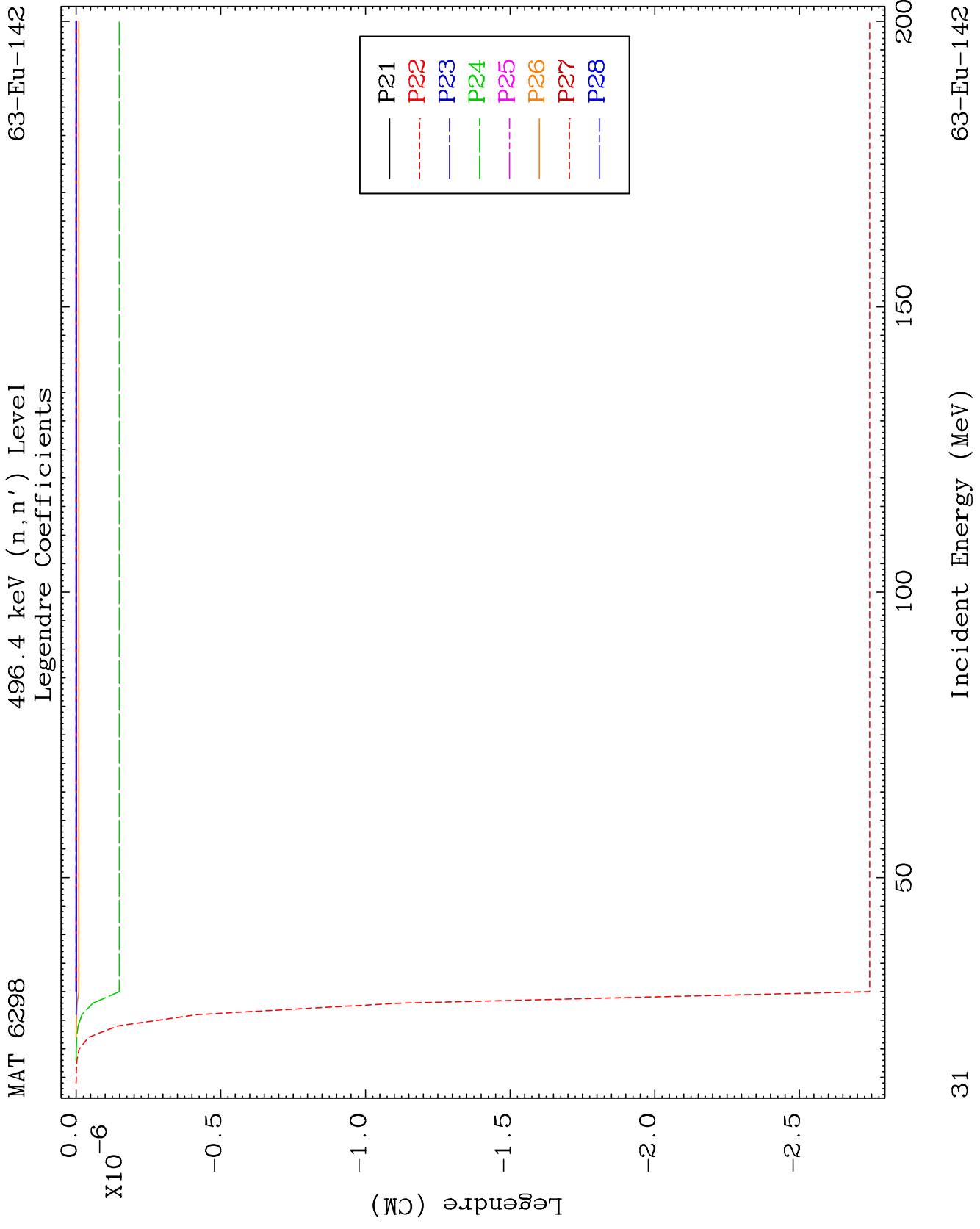
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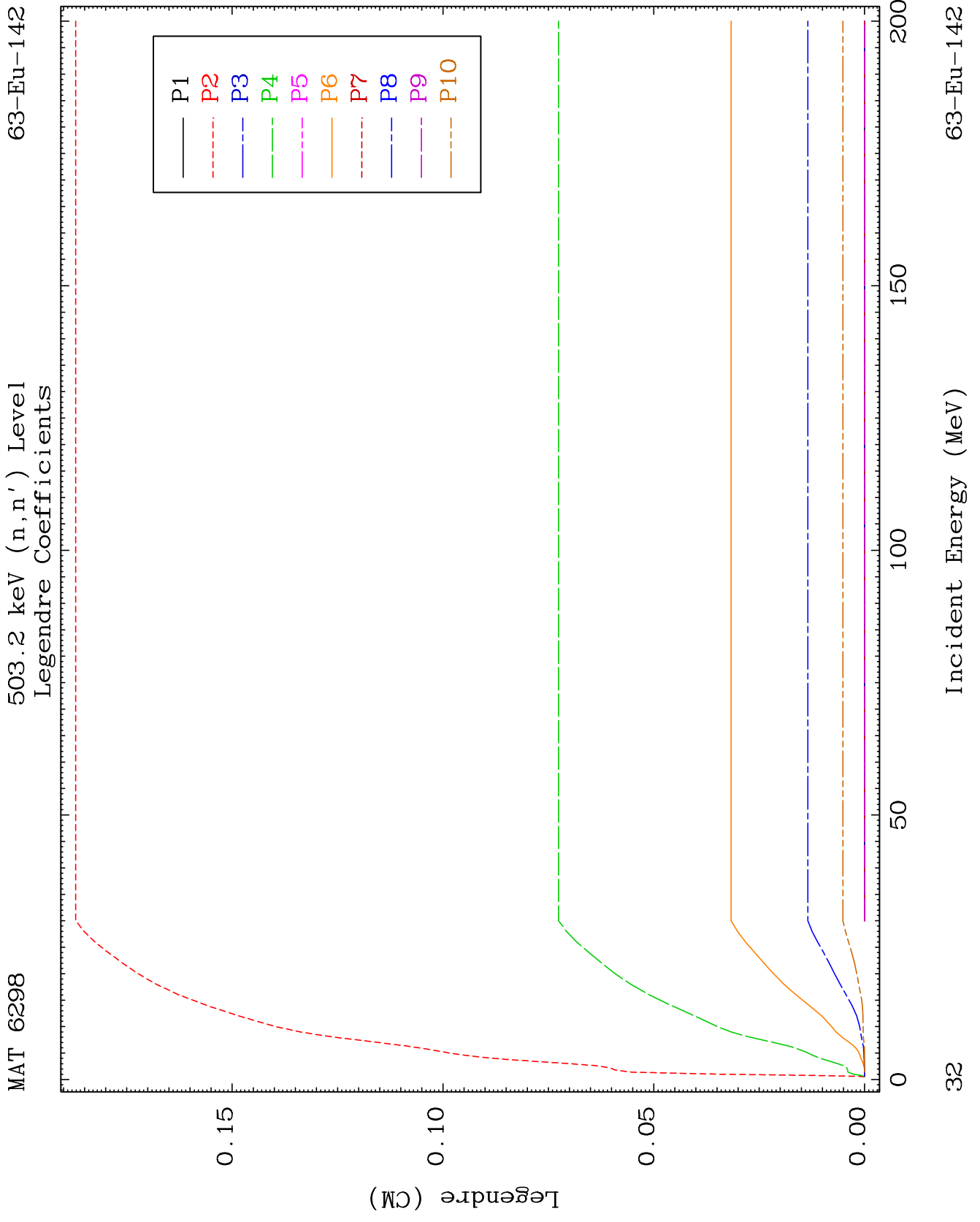
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63-Eu-142

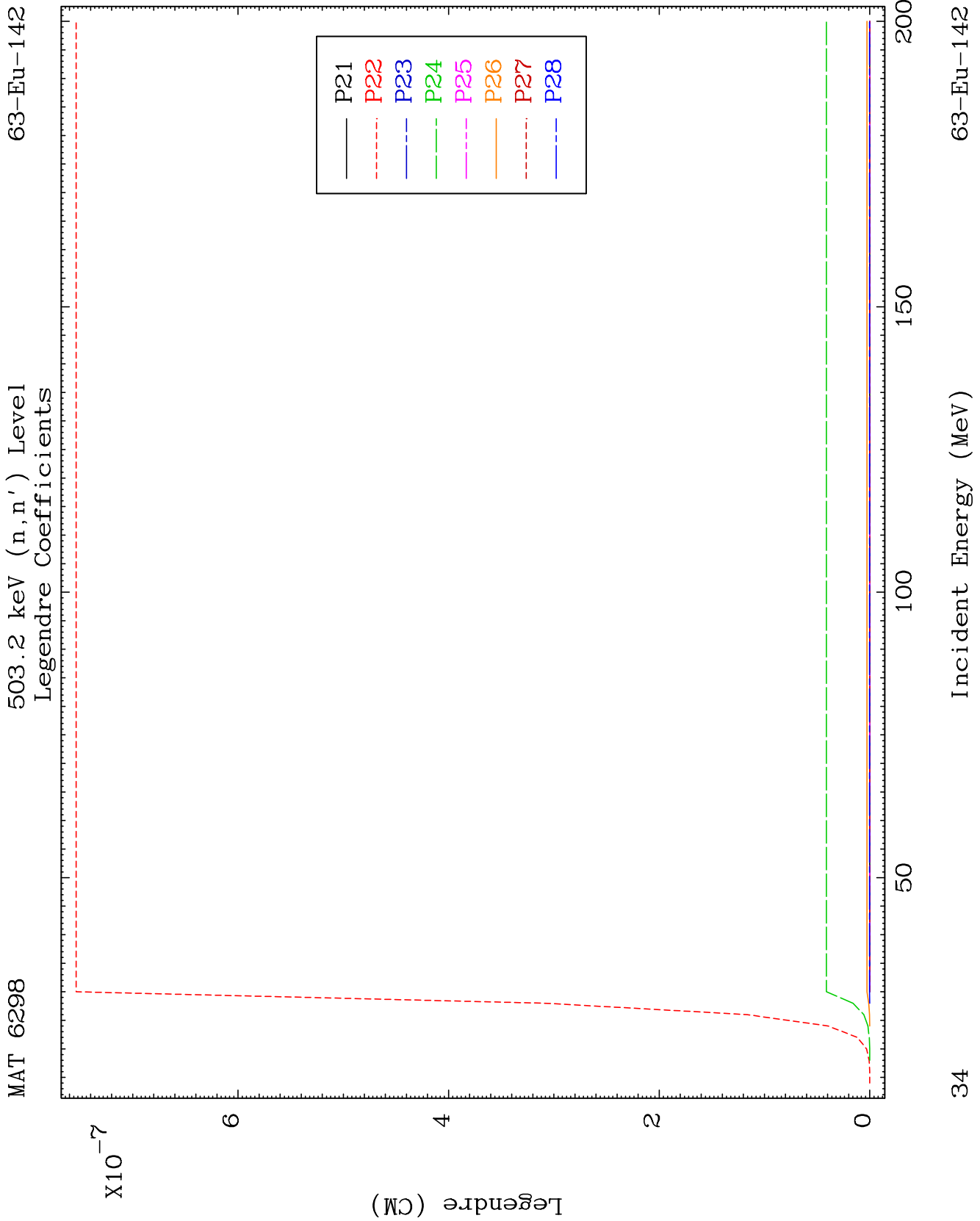


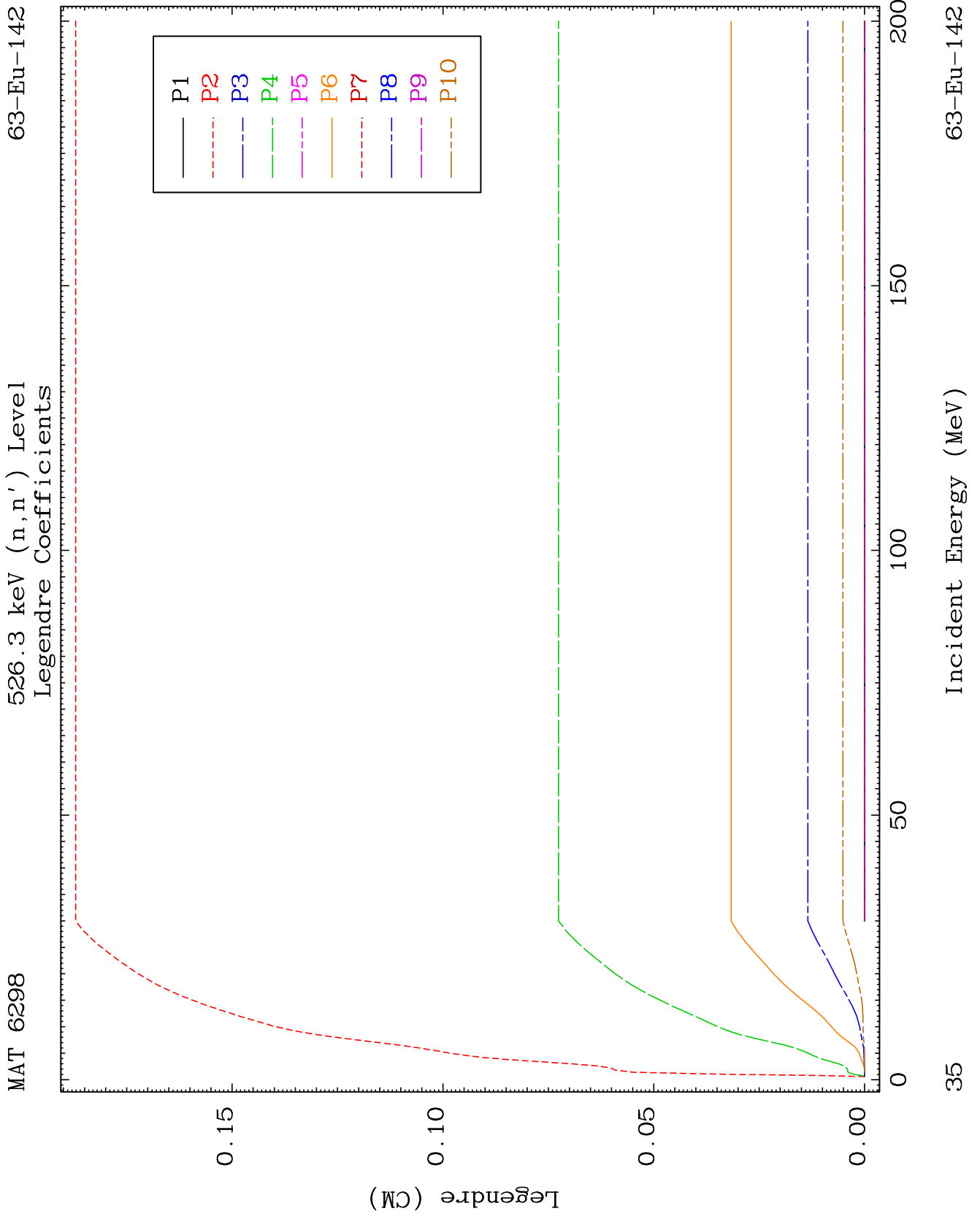


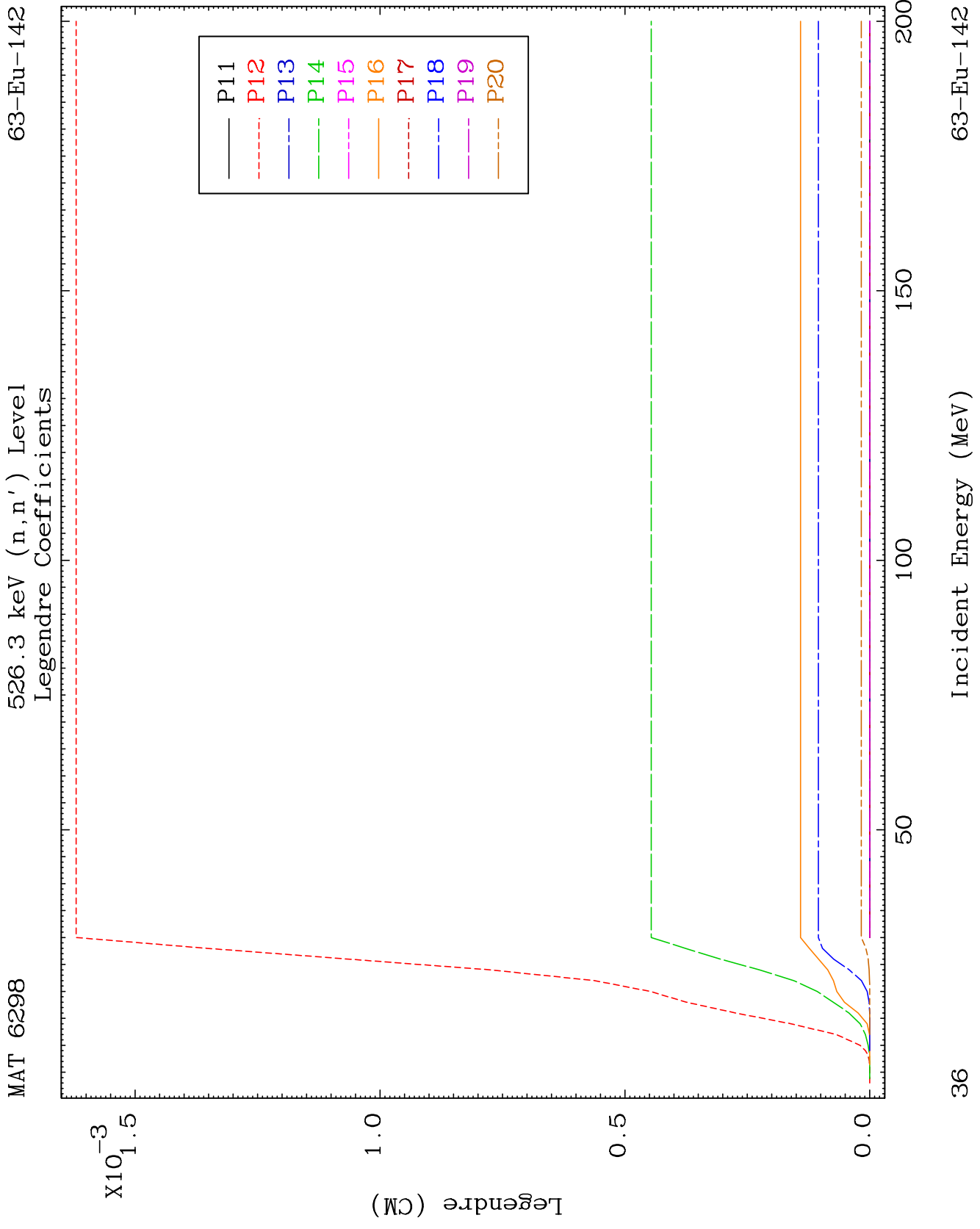


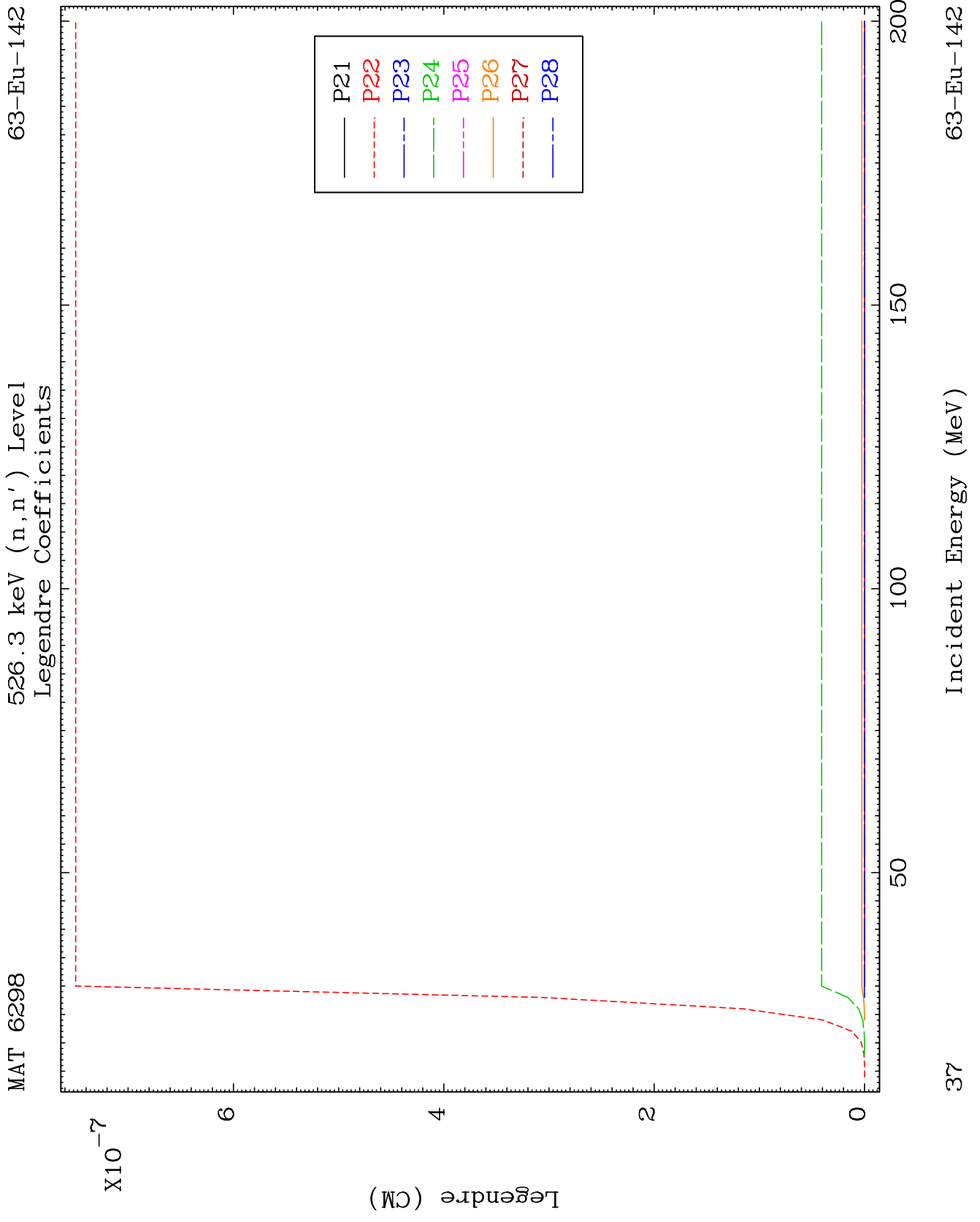


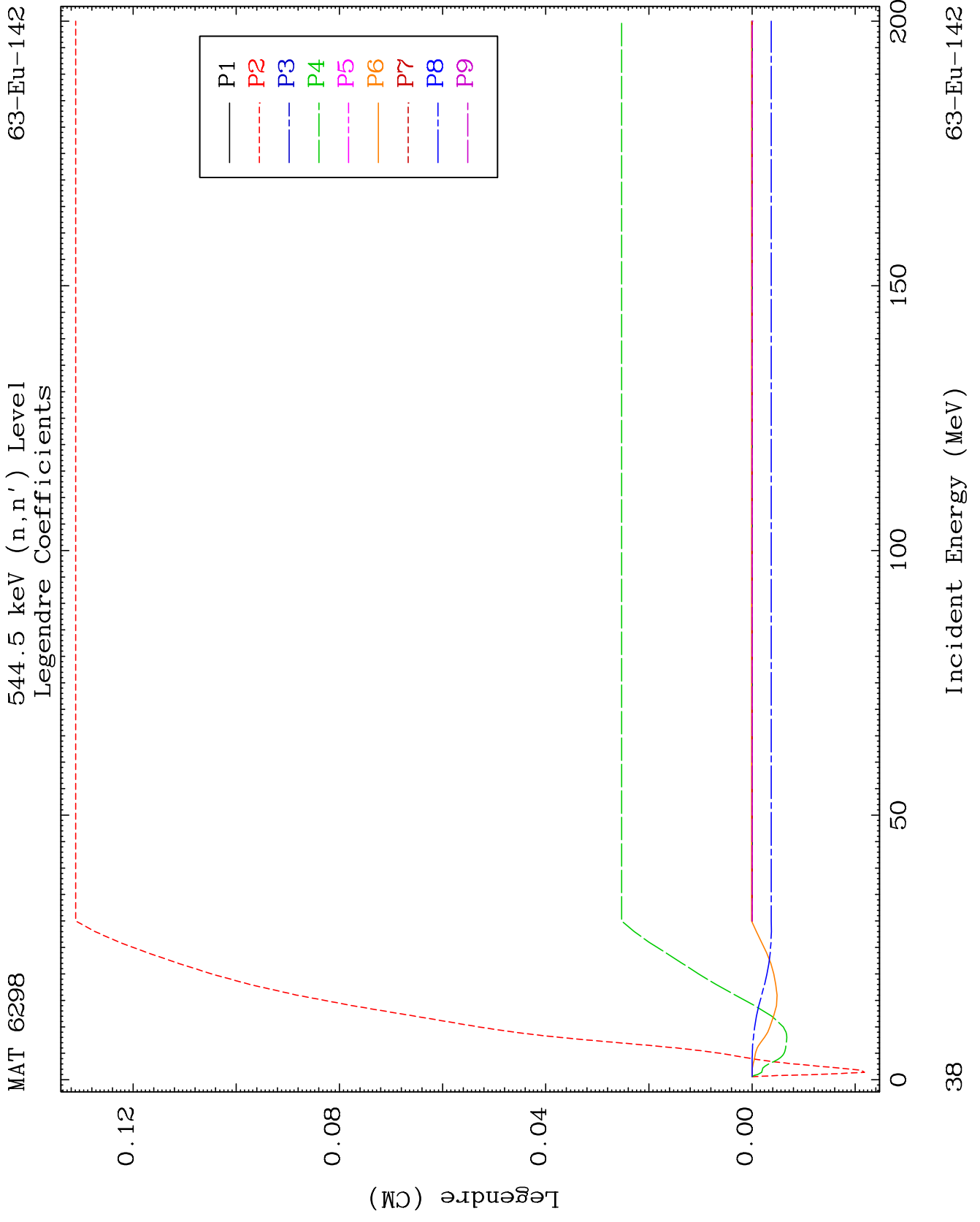






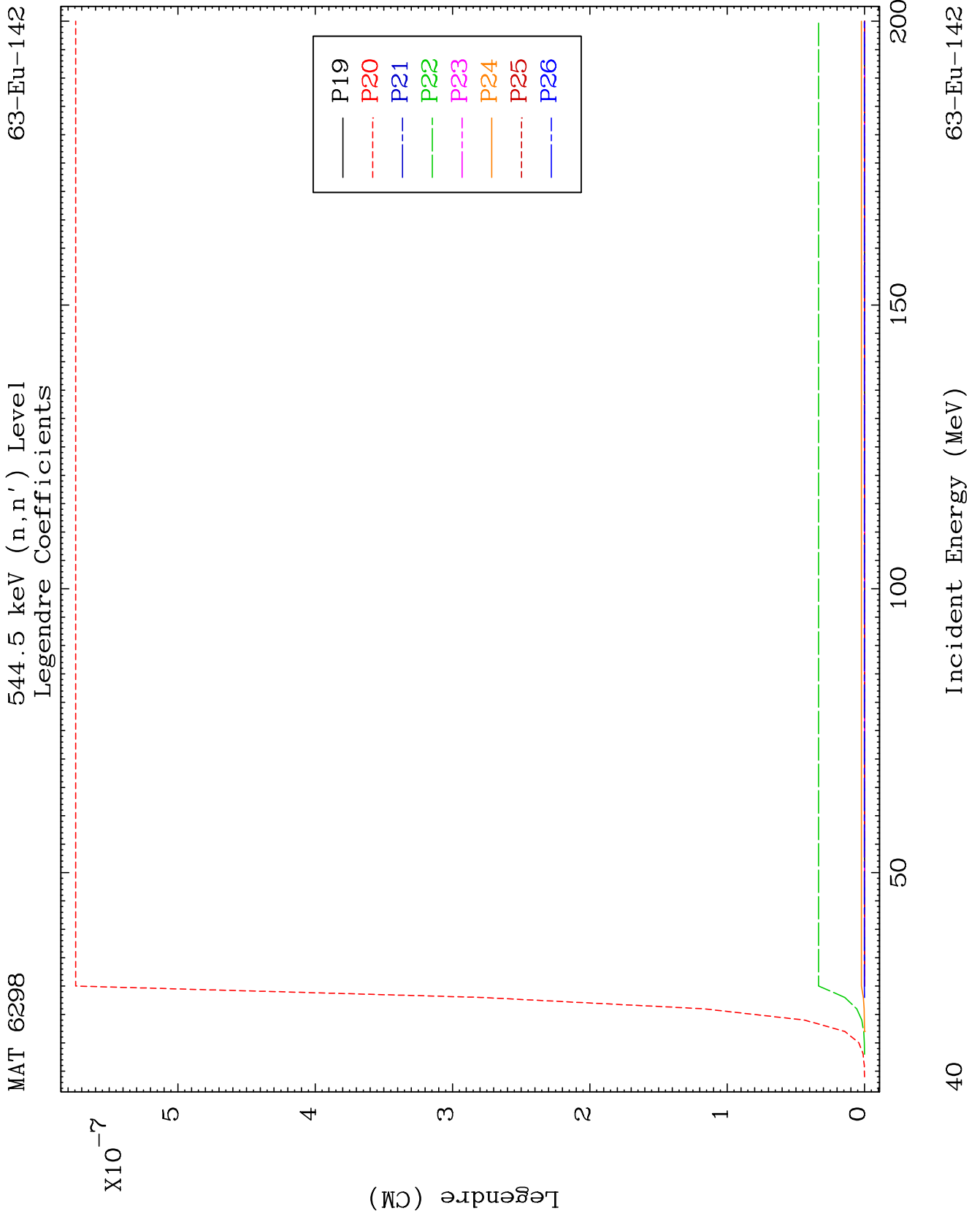


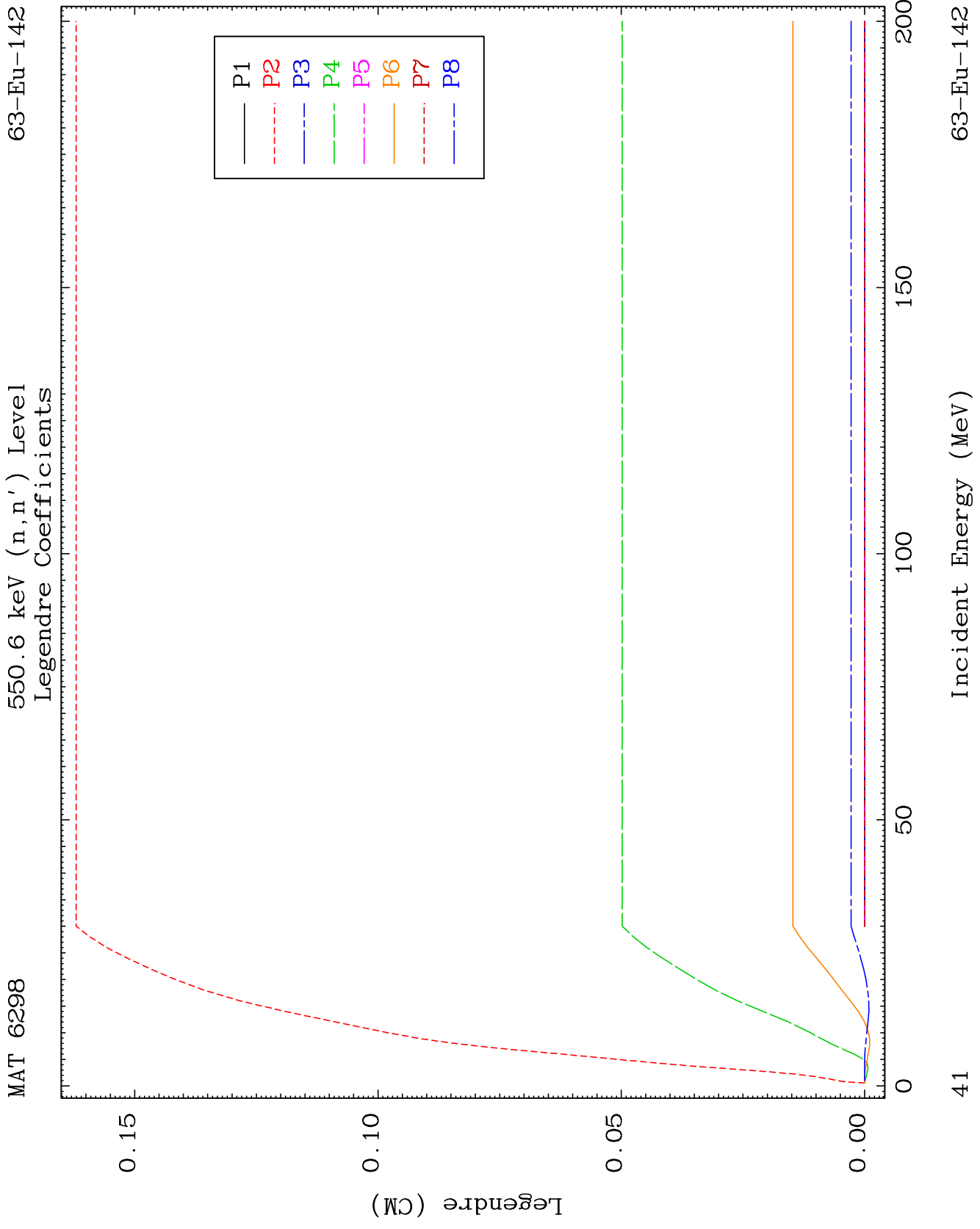








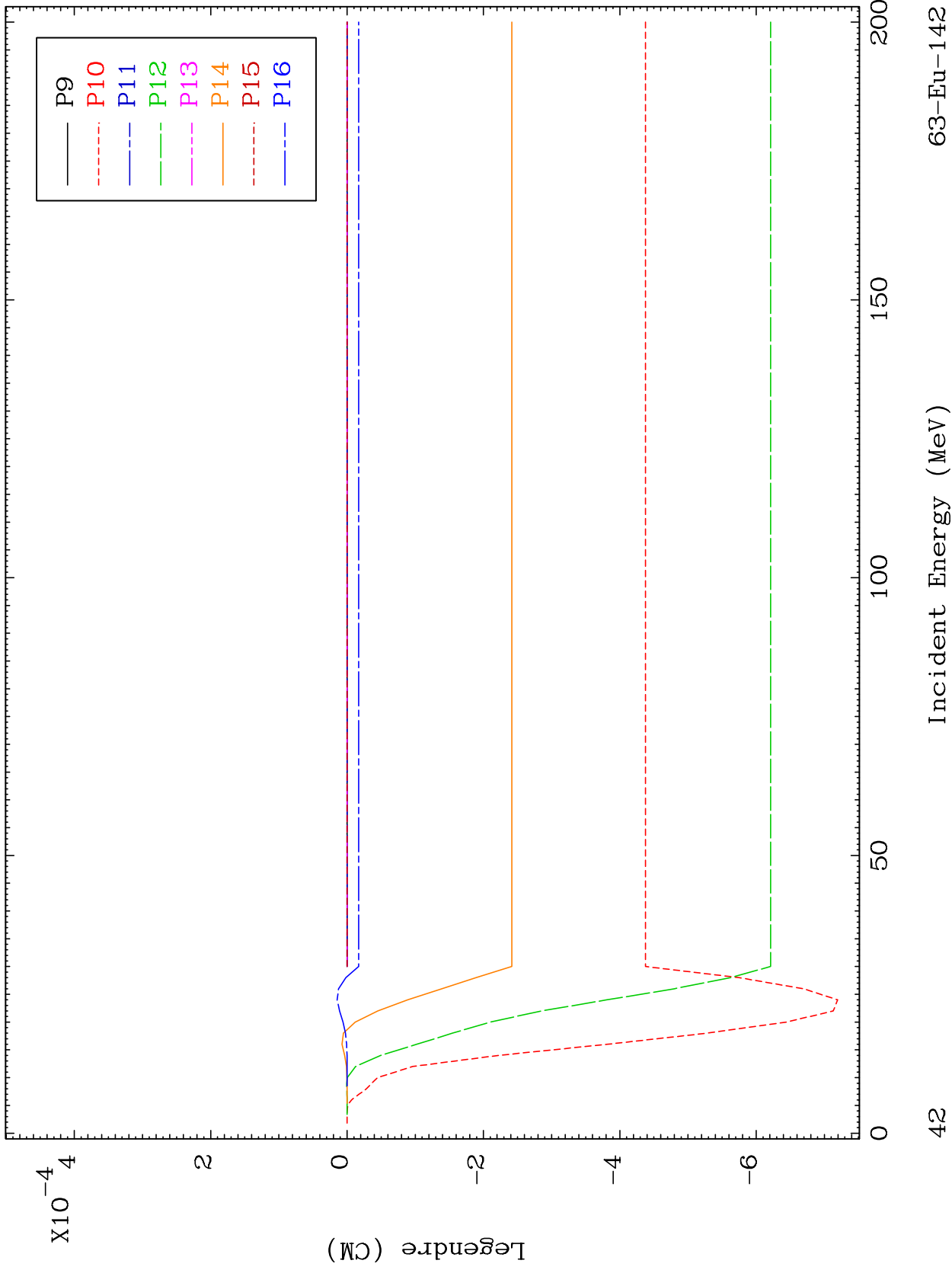


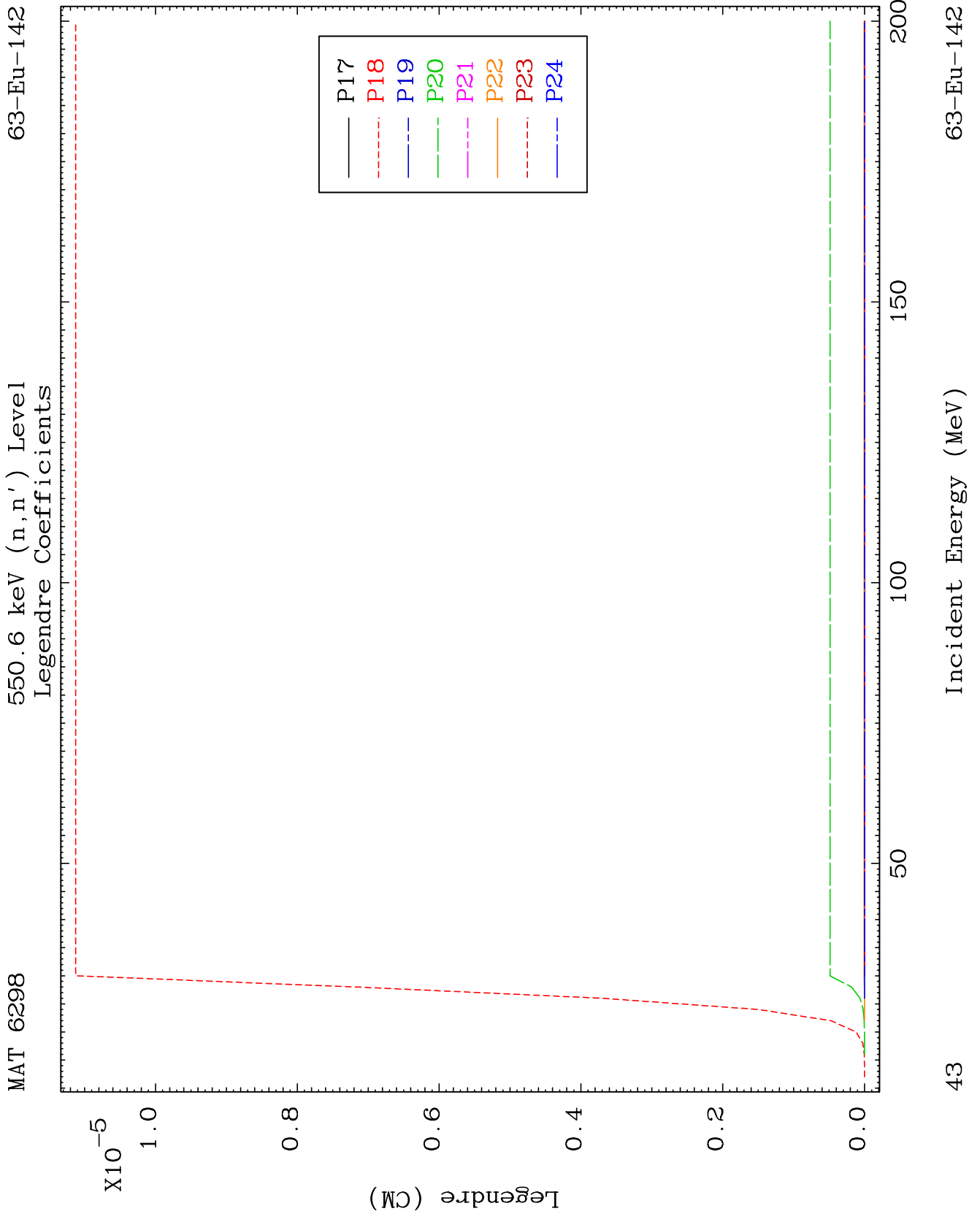


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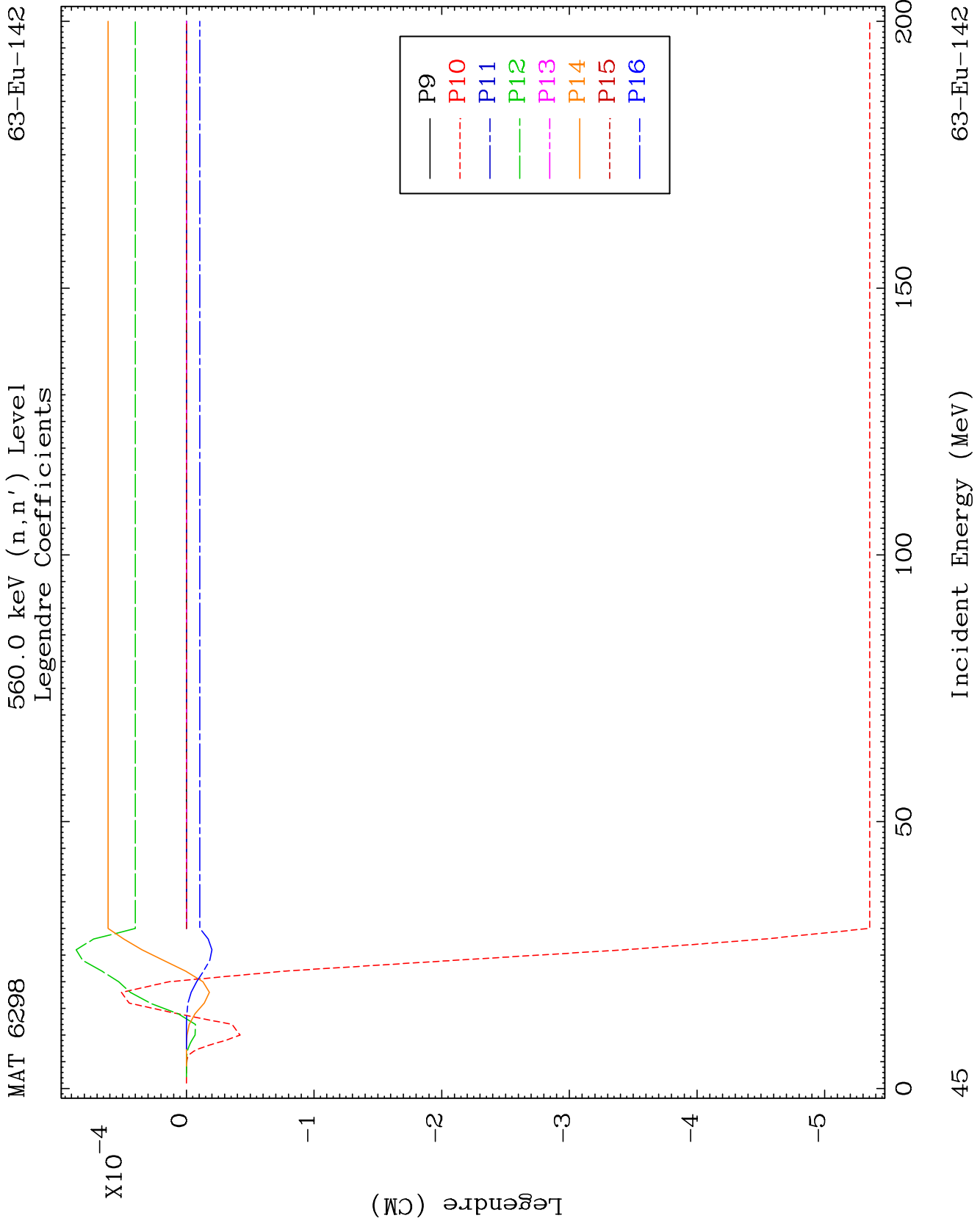
550.6 keV (n,n') Level  
Legendre Coefficients

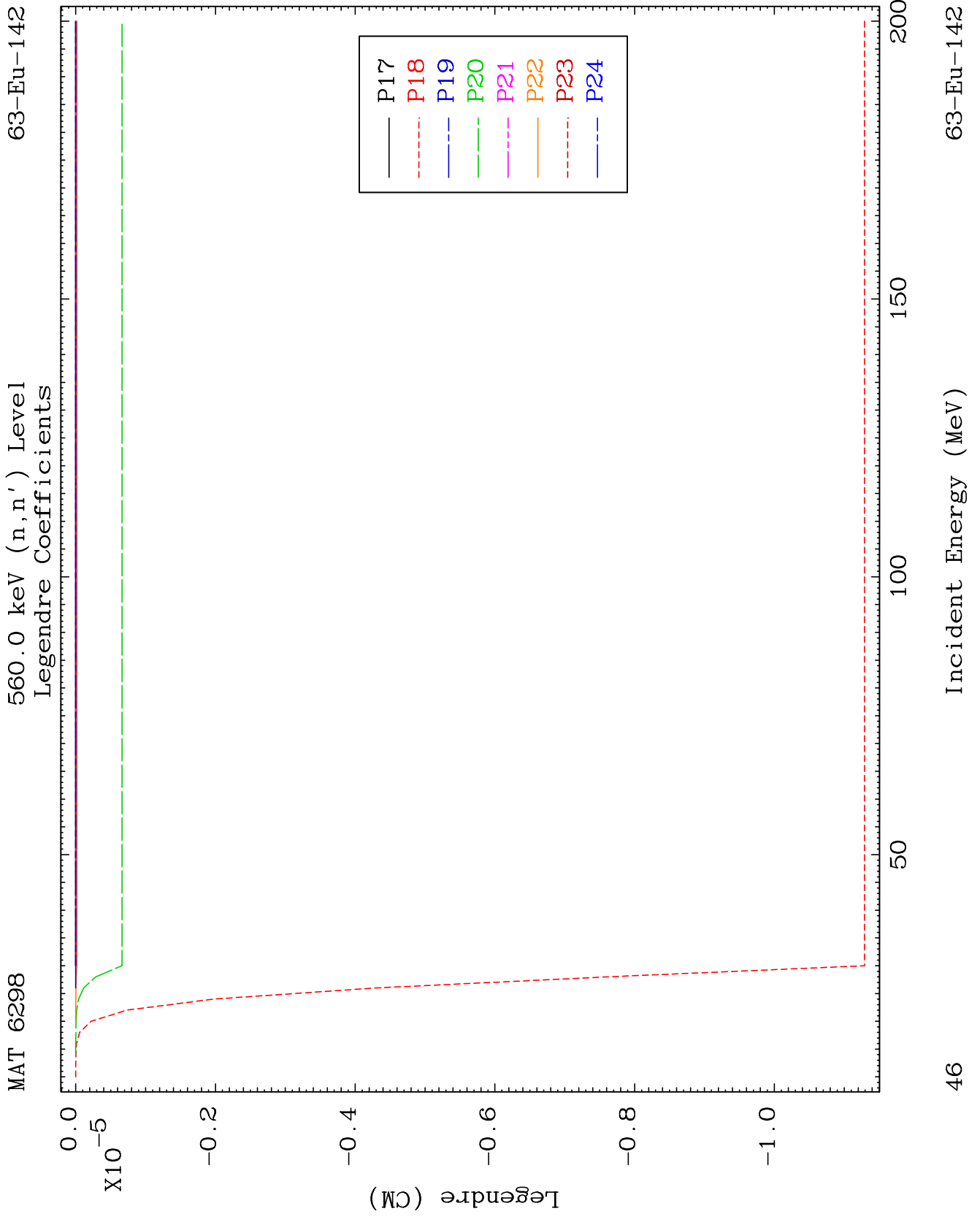
63-Eu-142

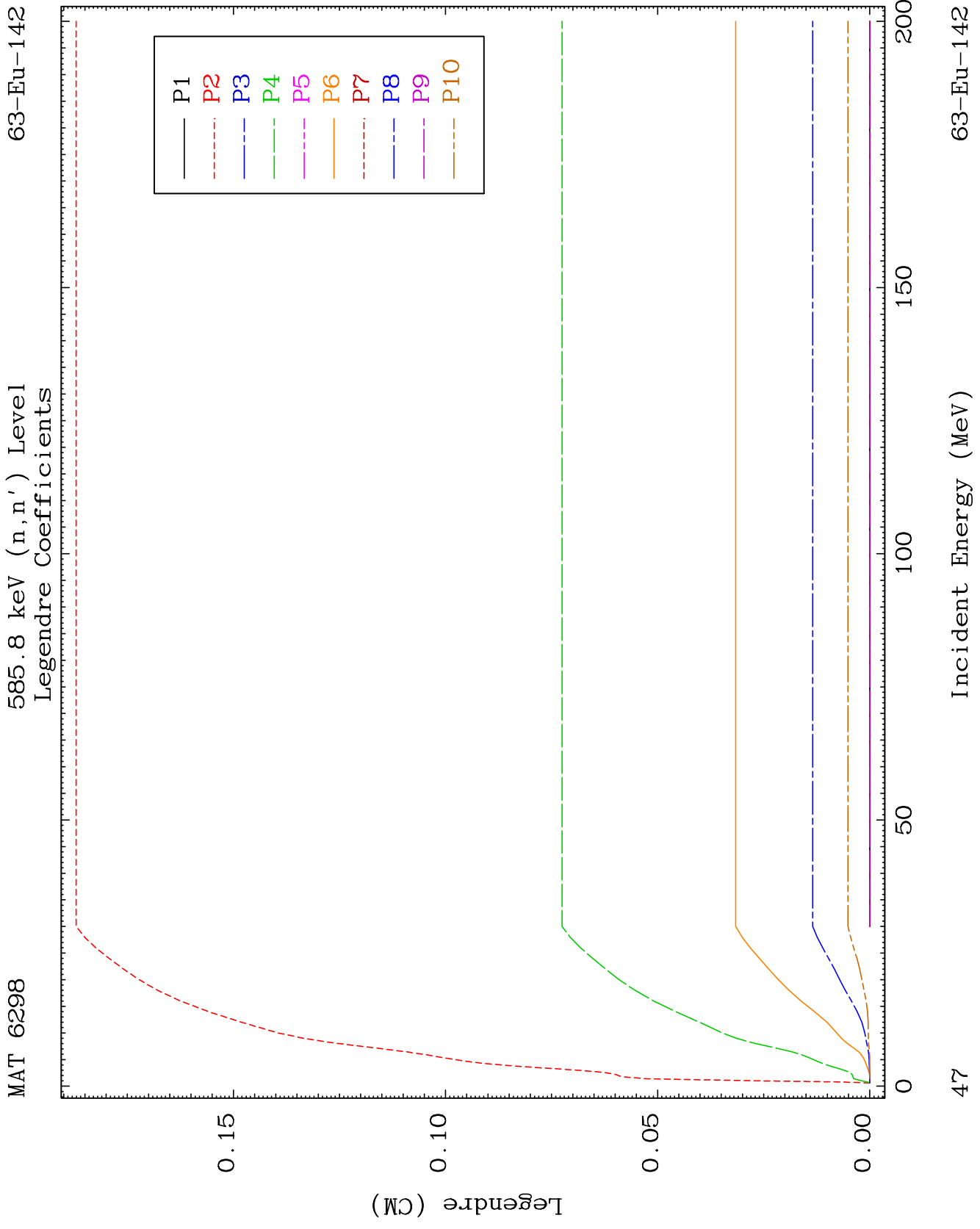




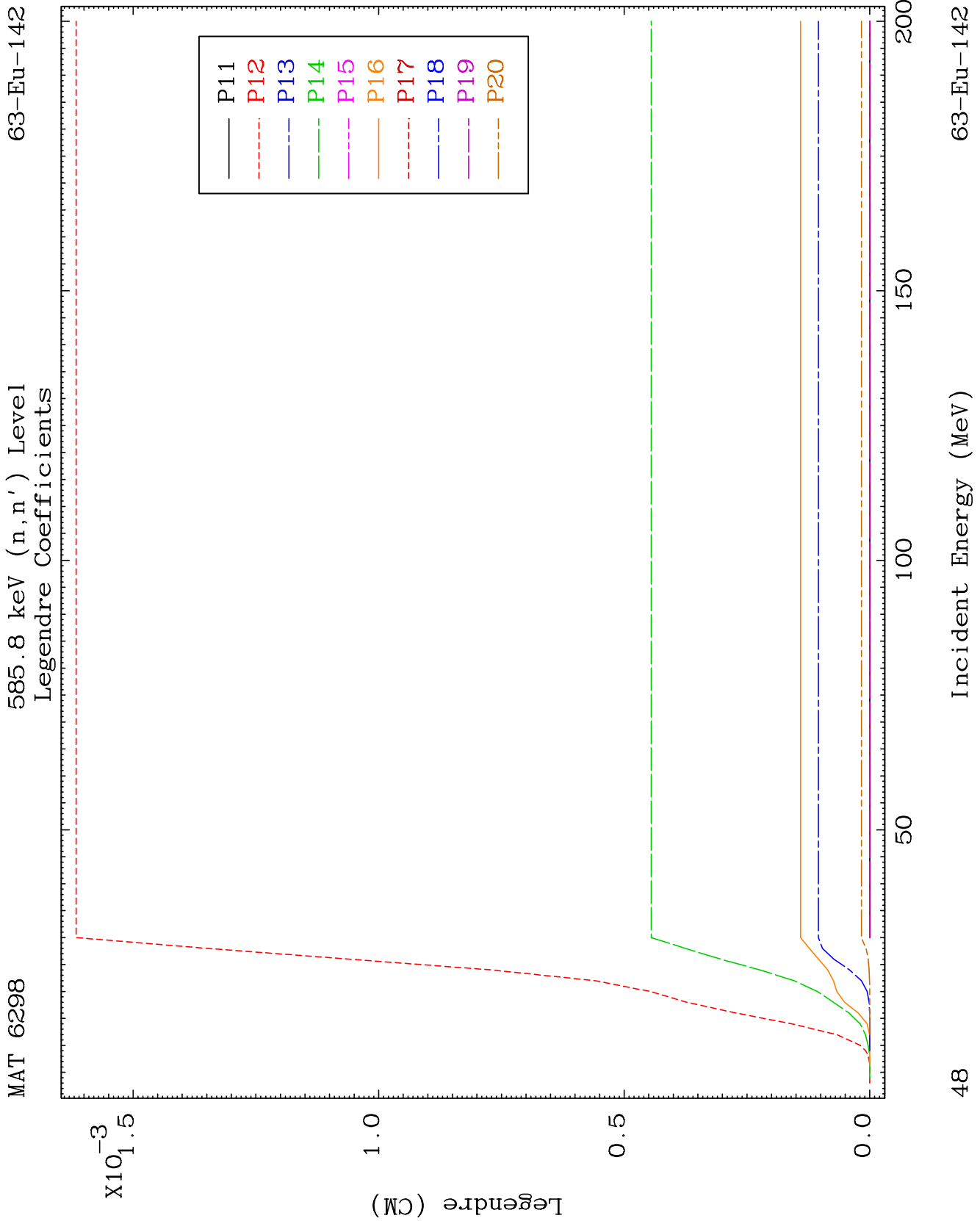


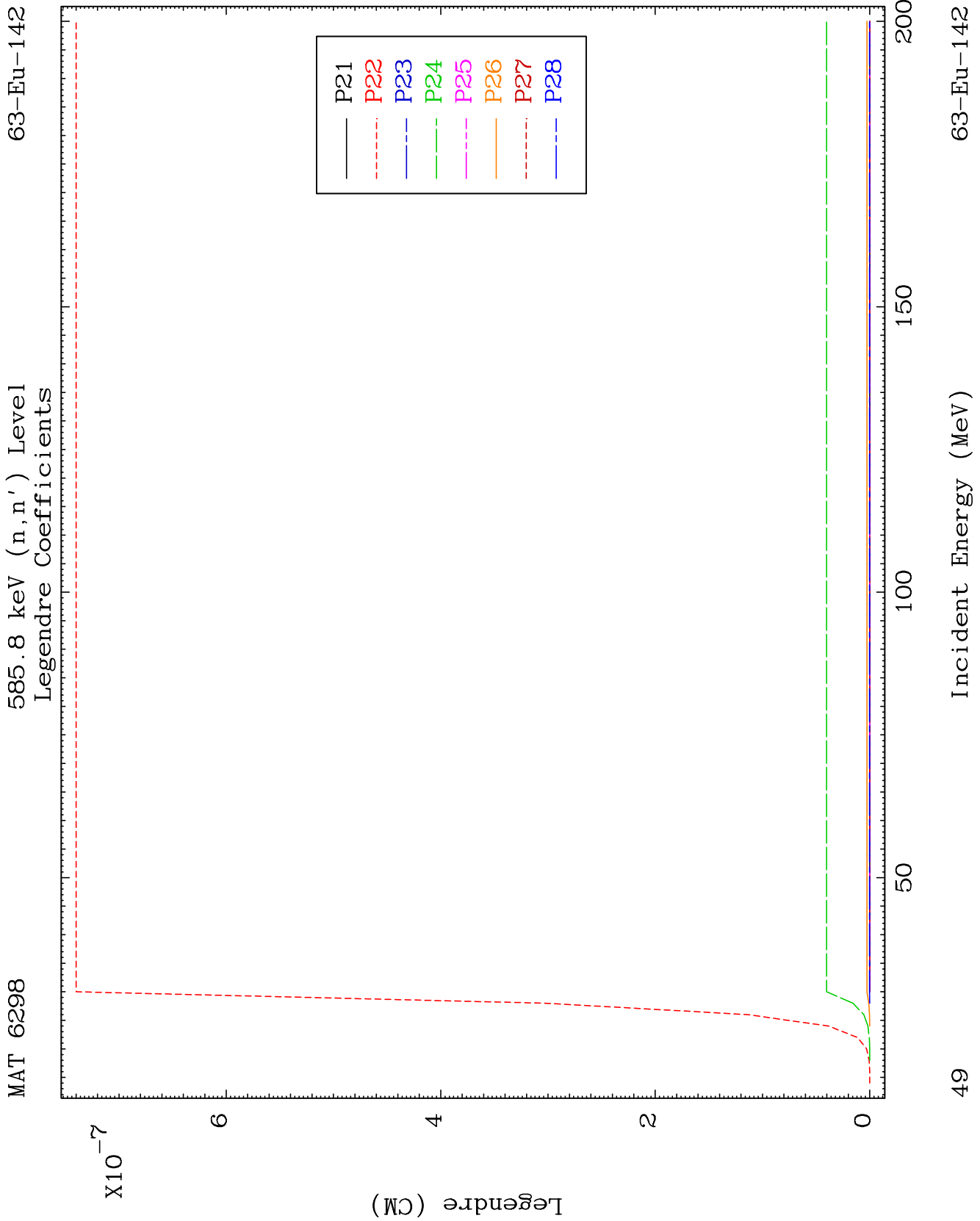


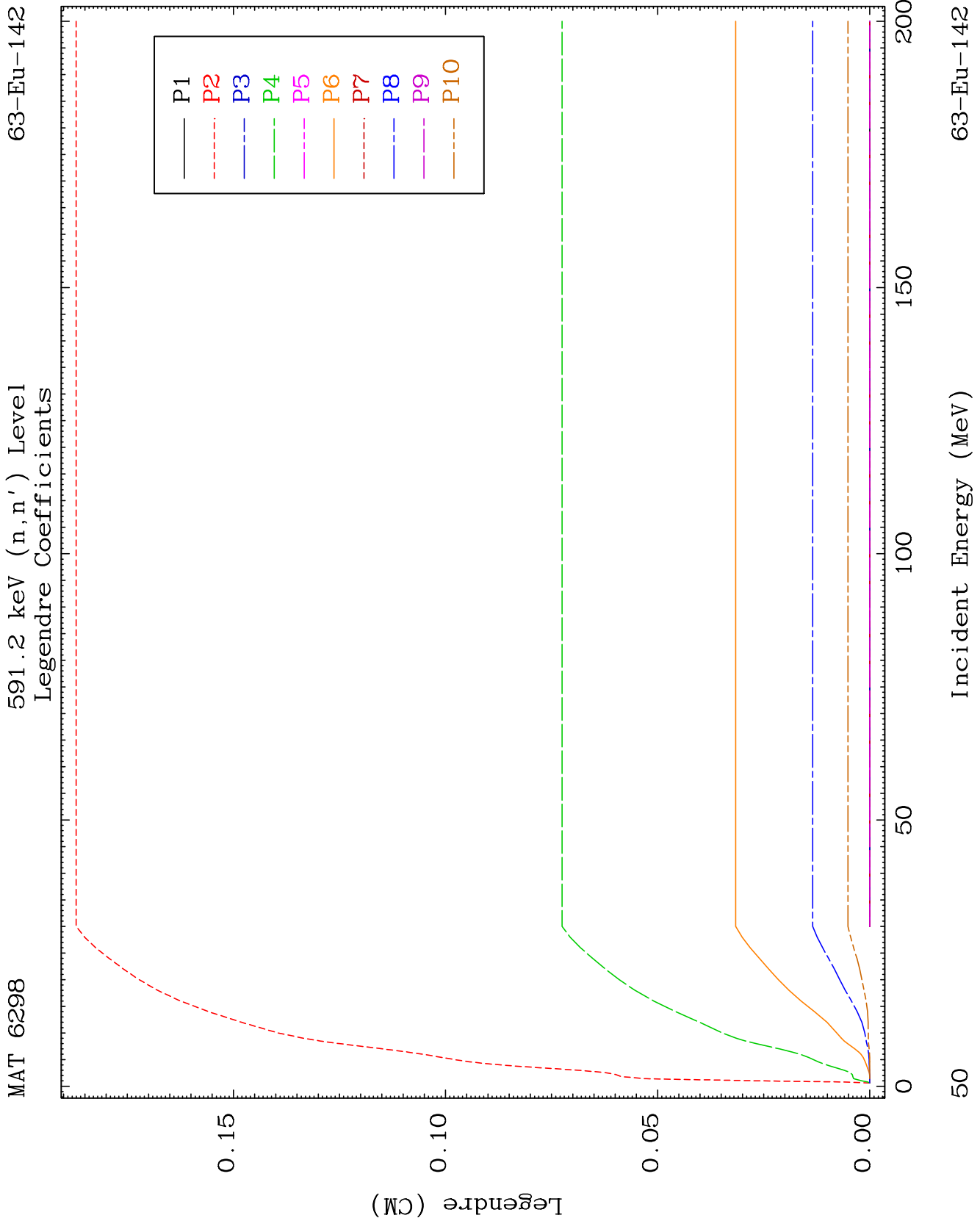


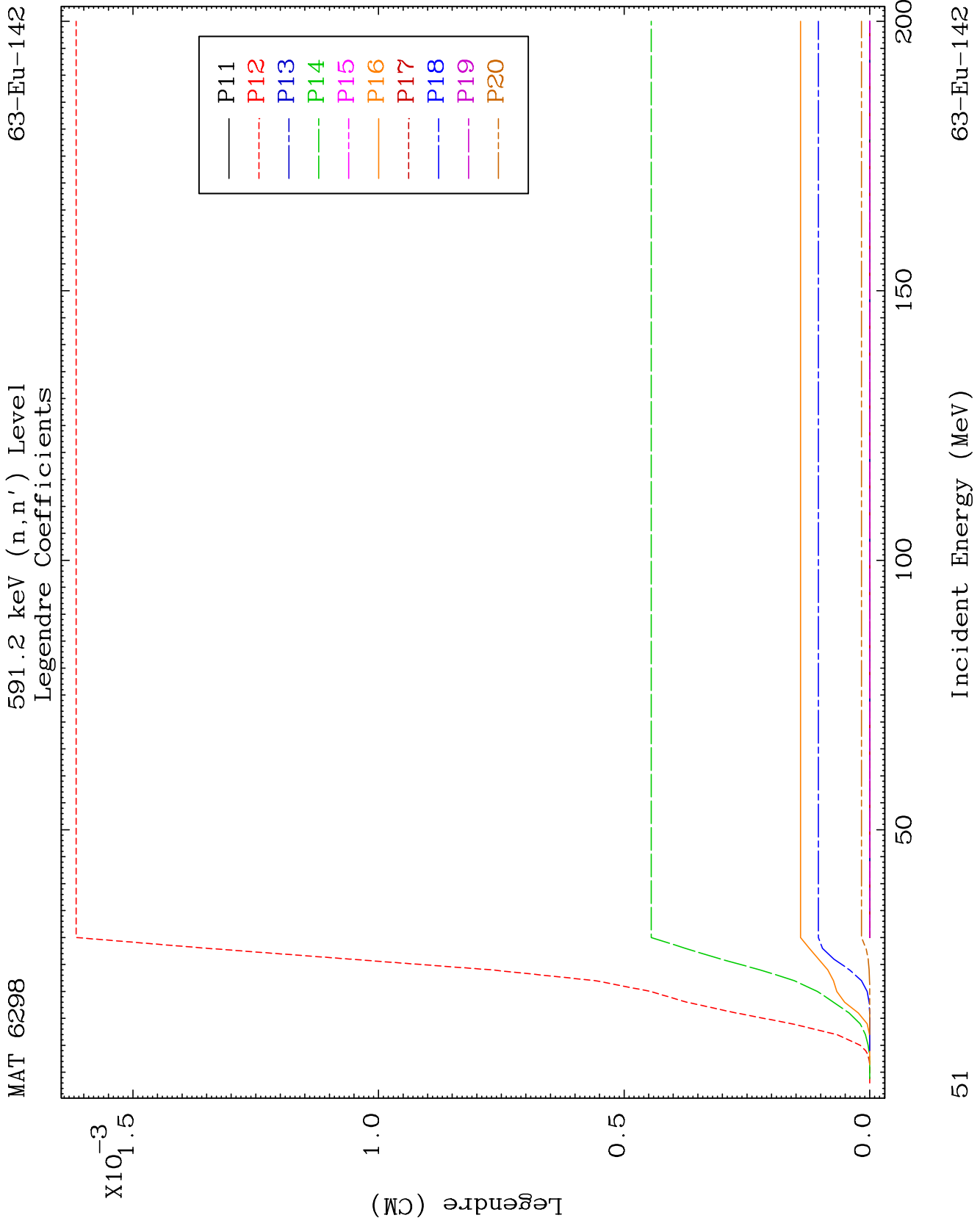


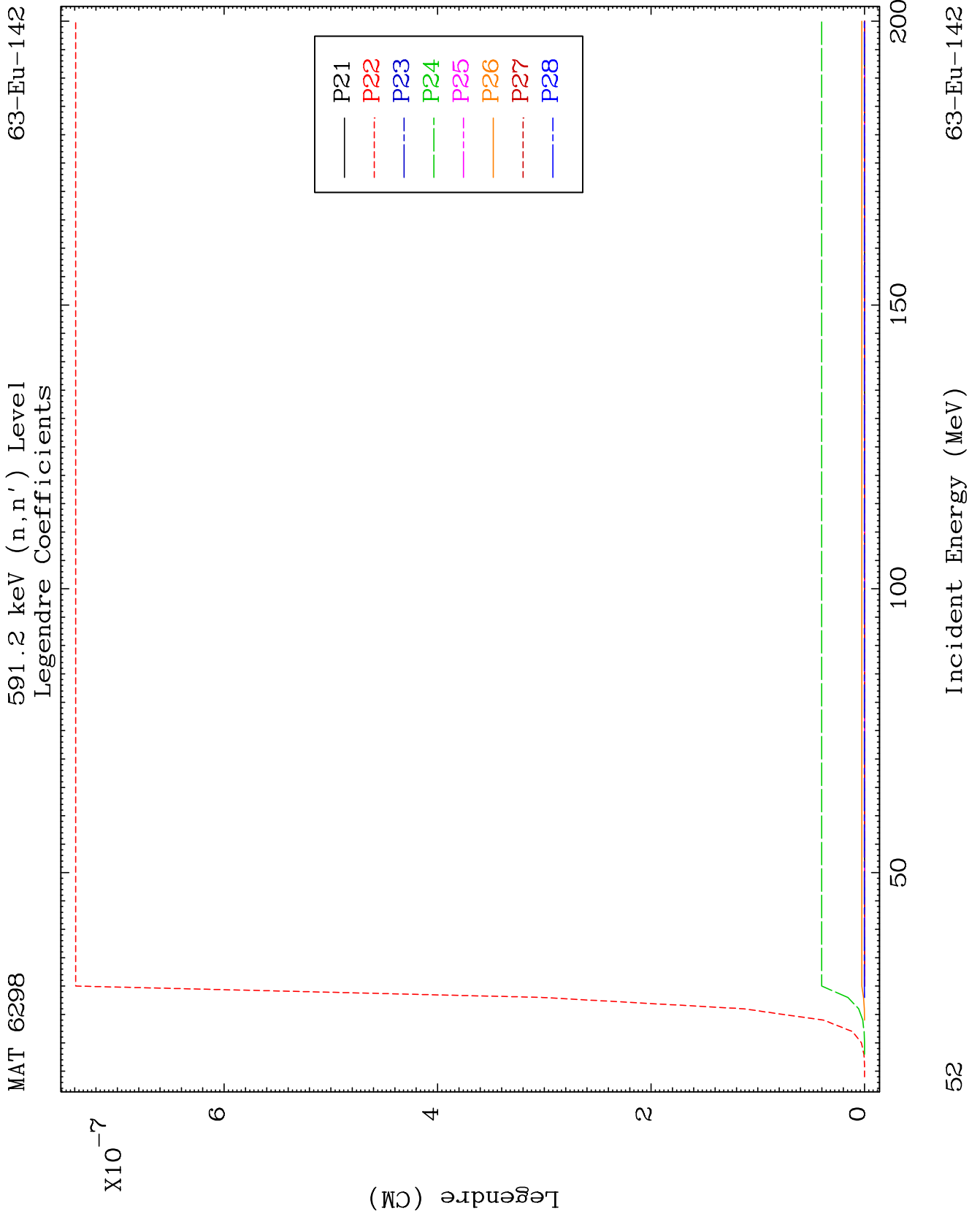


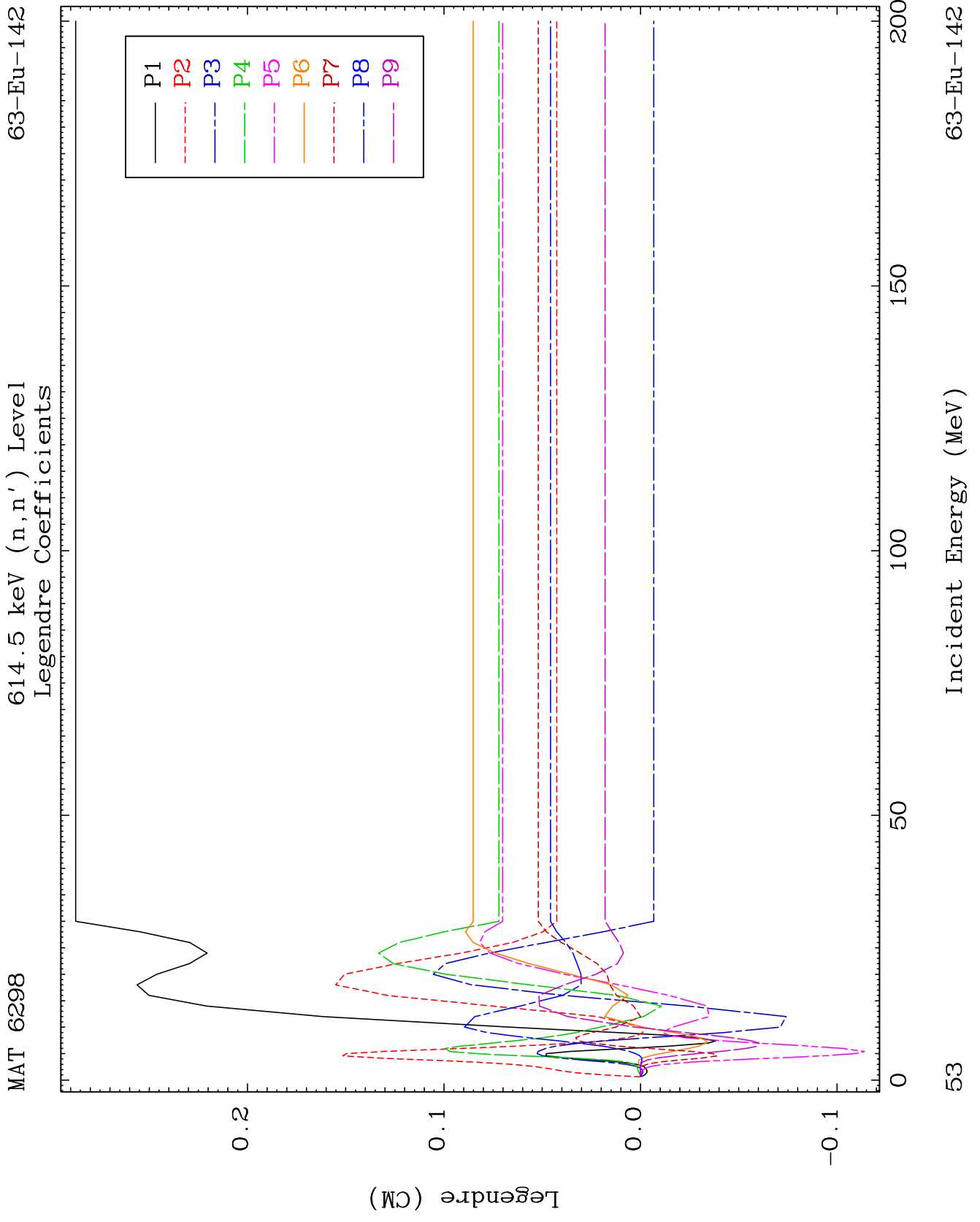








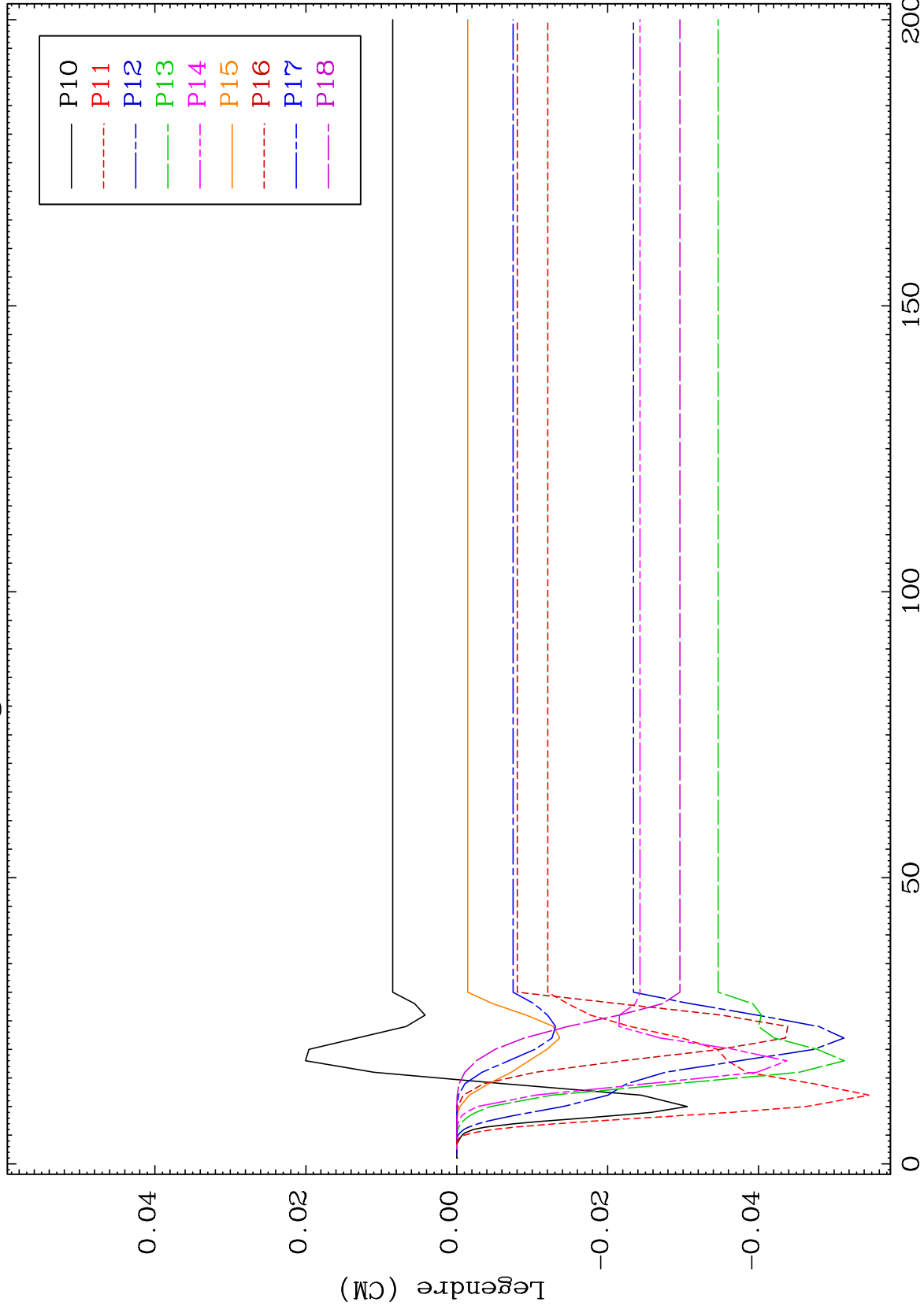




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614.5 keV (n,n') Level  
Legendre Coefficients

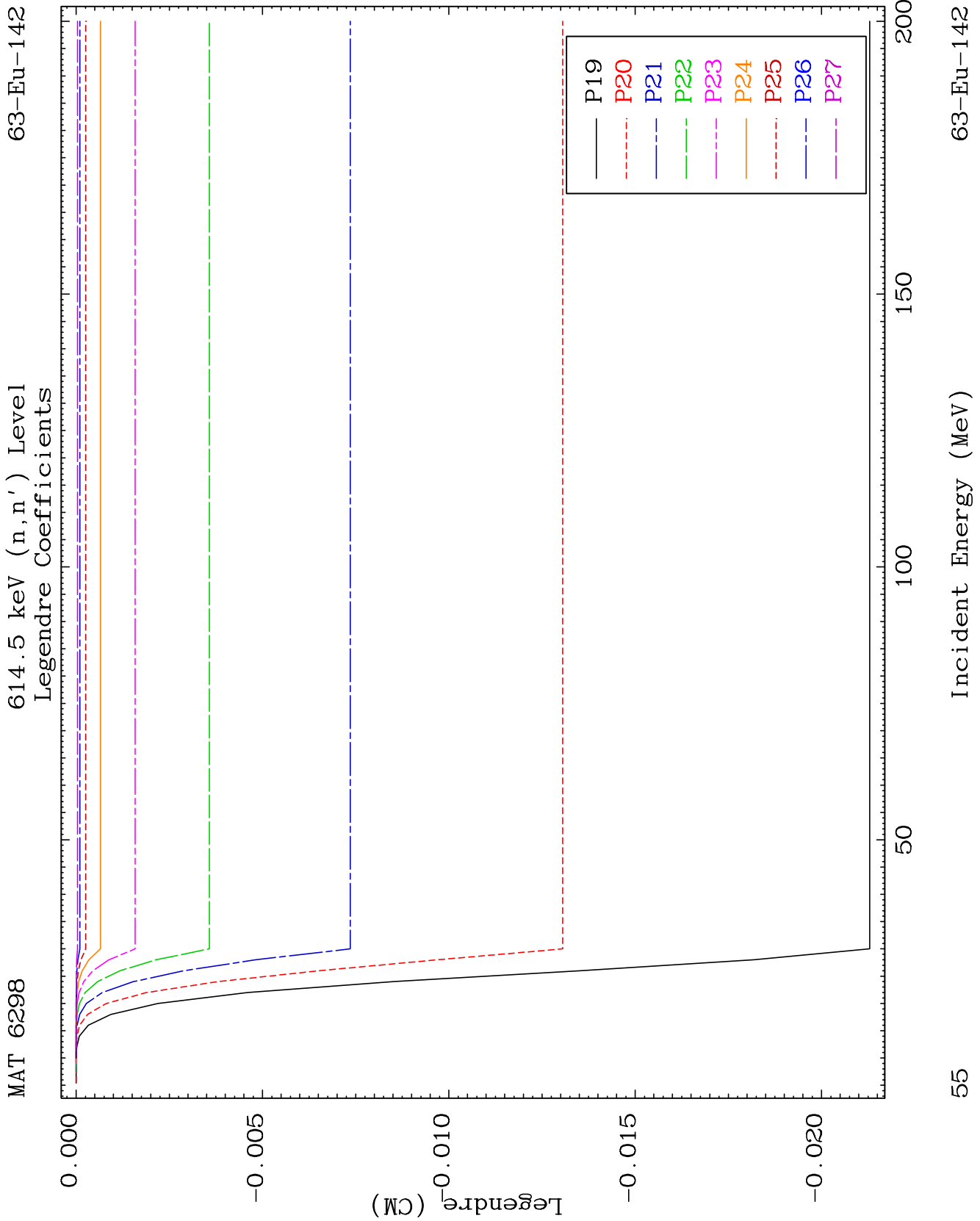
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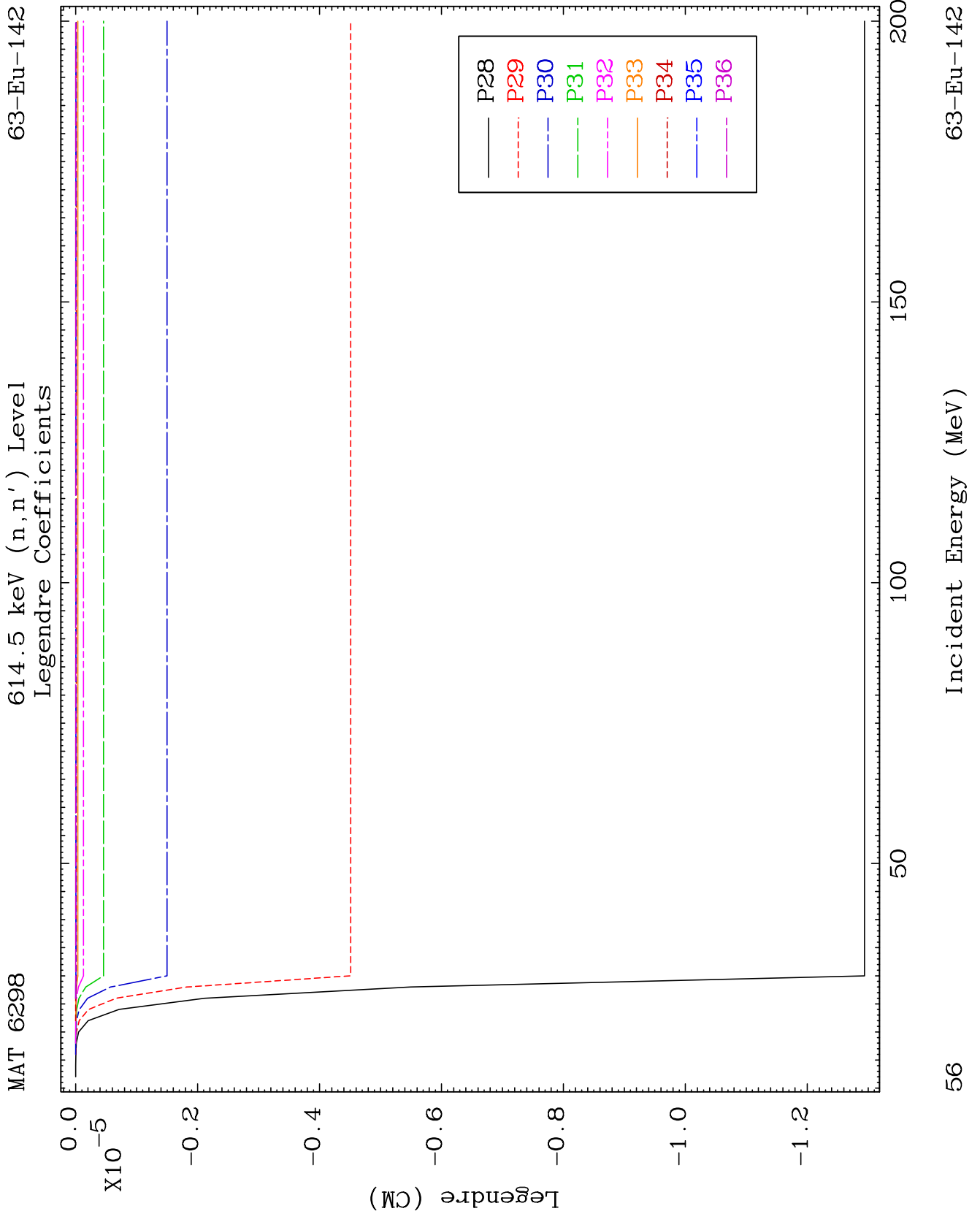
54

Incident Energy (MeV)

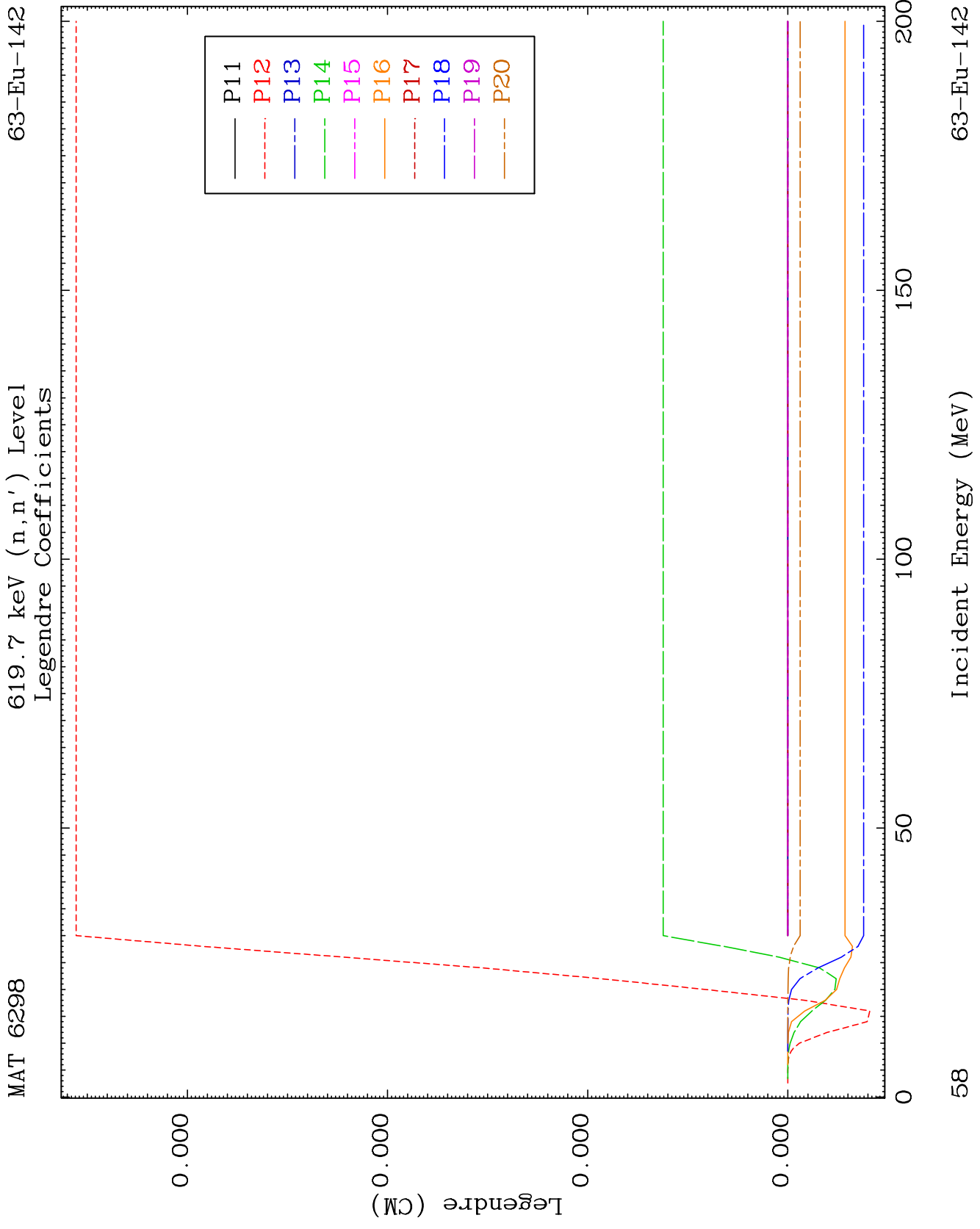
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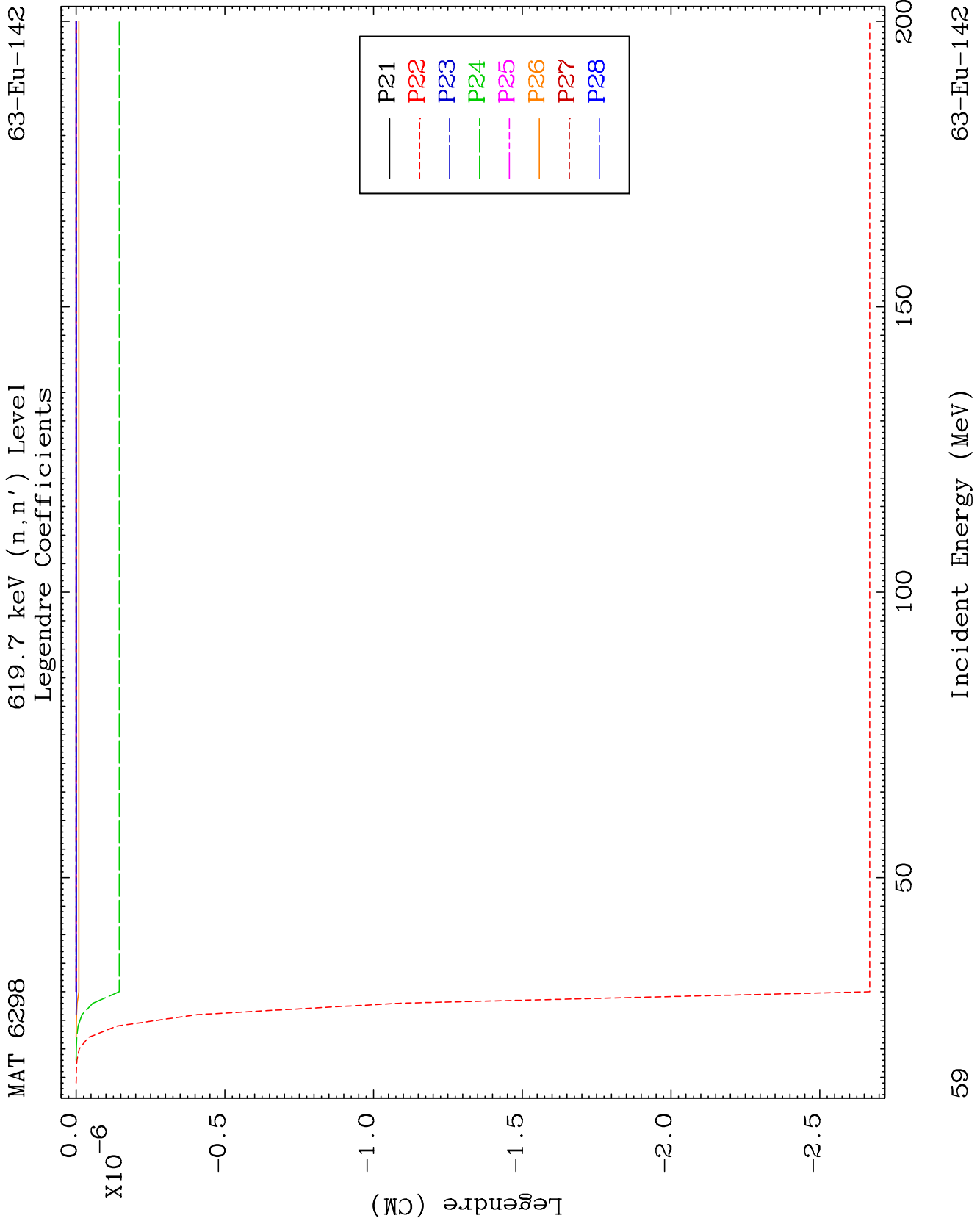


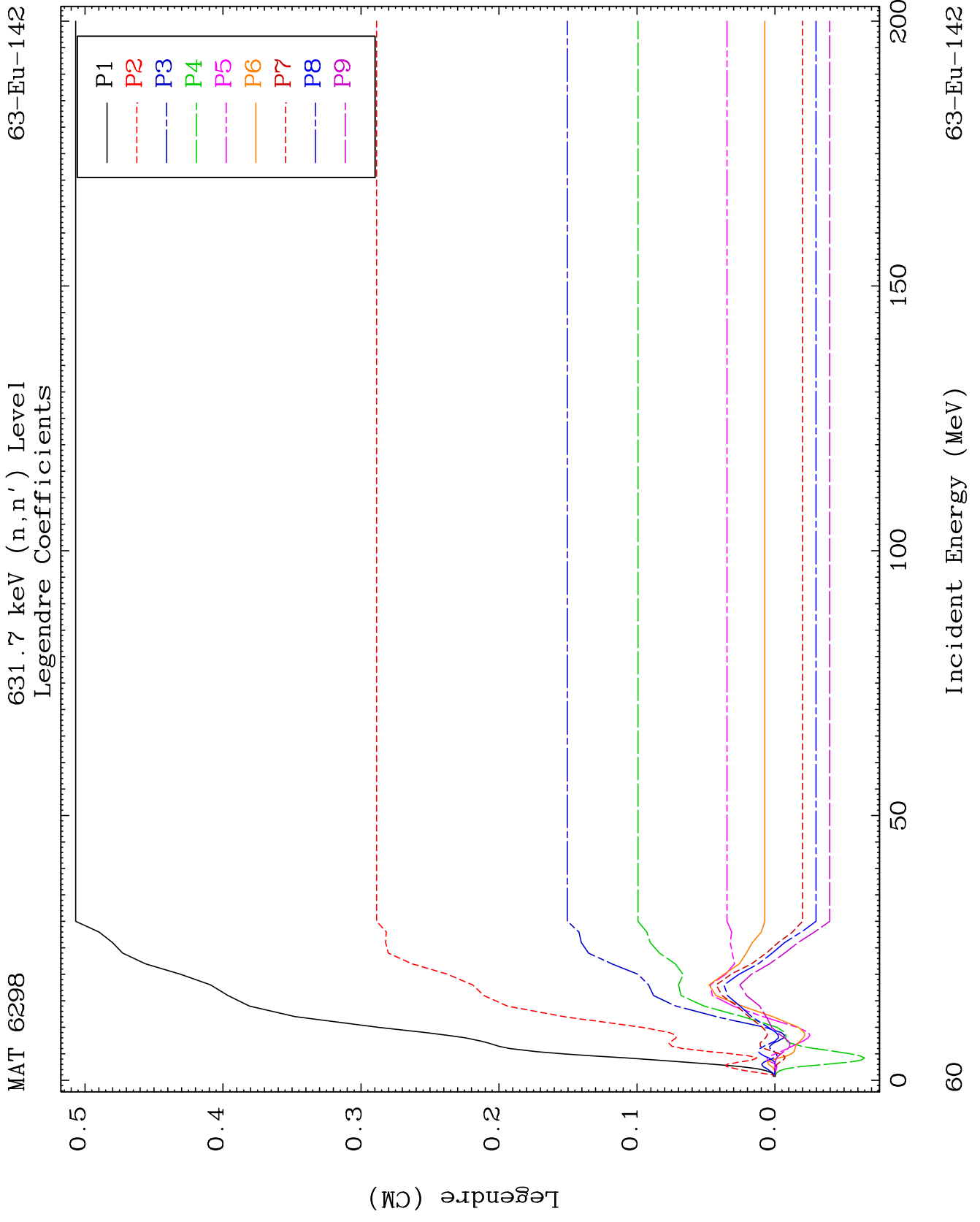








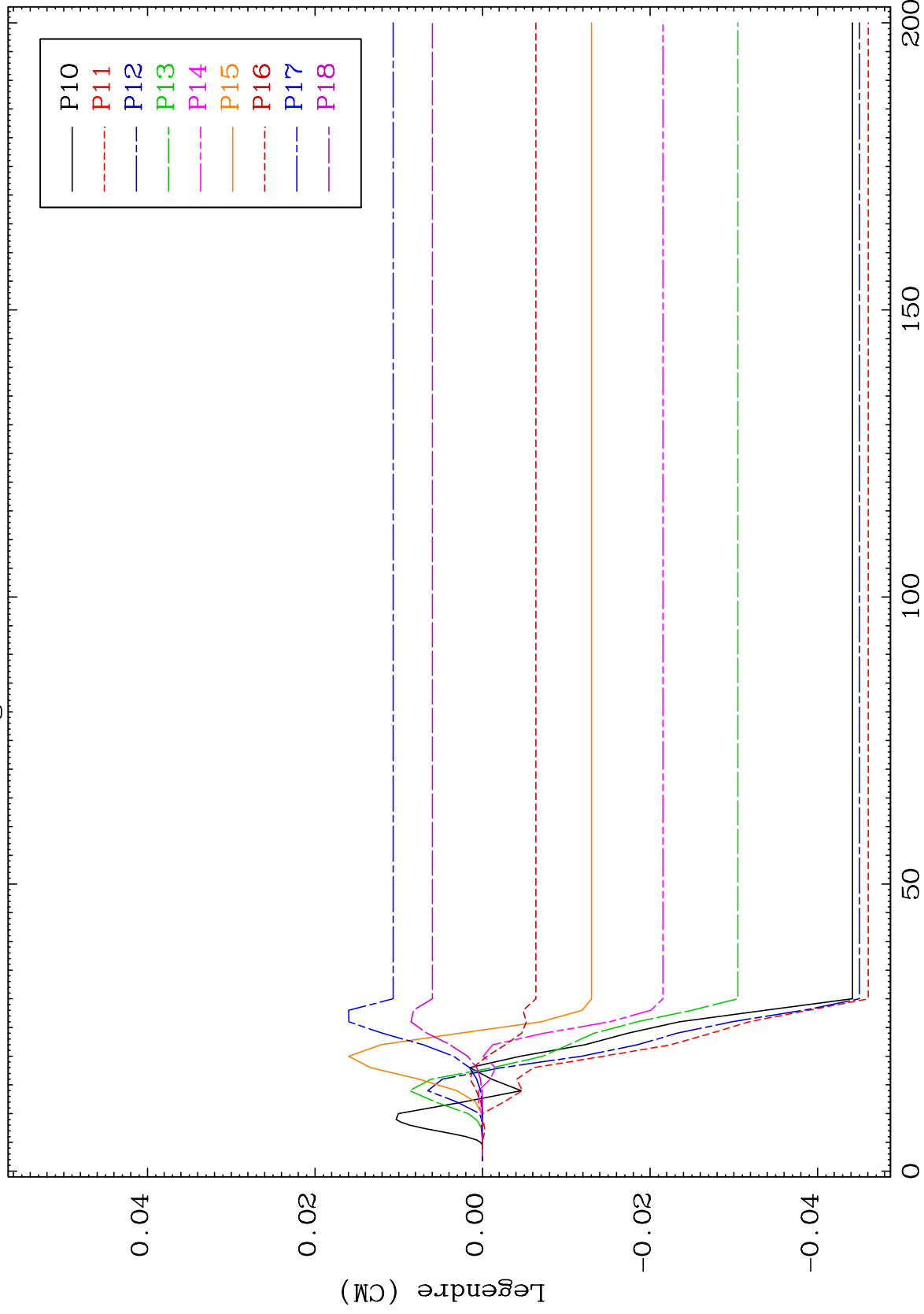




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631.7 keV (n,n') Level  
Legendre Coefficients

63-Eu-142



61

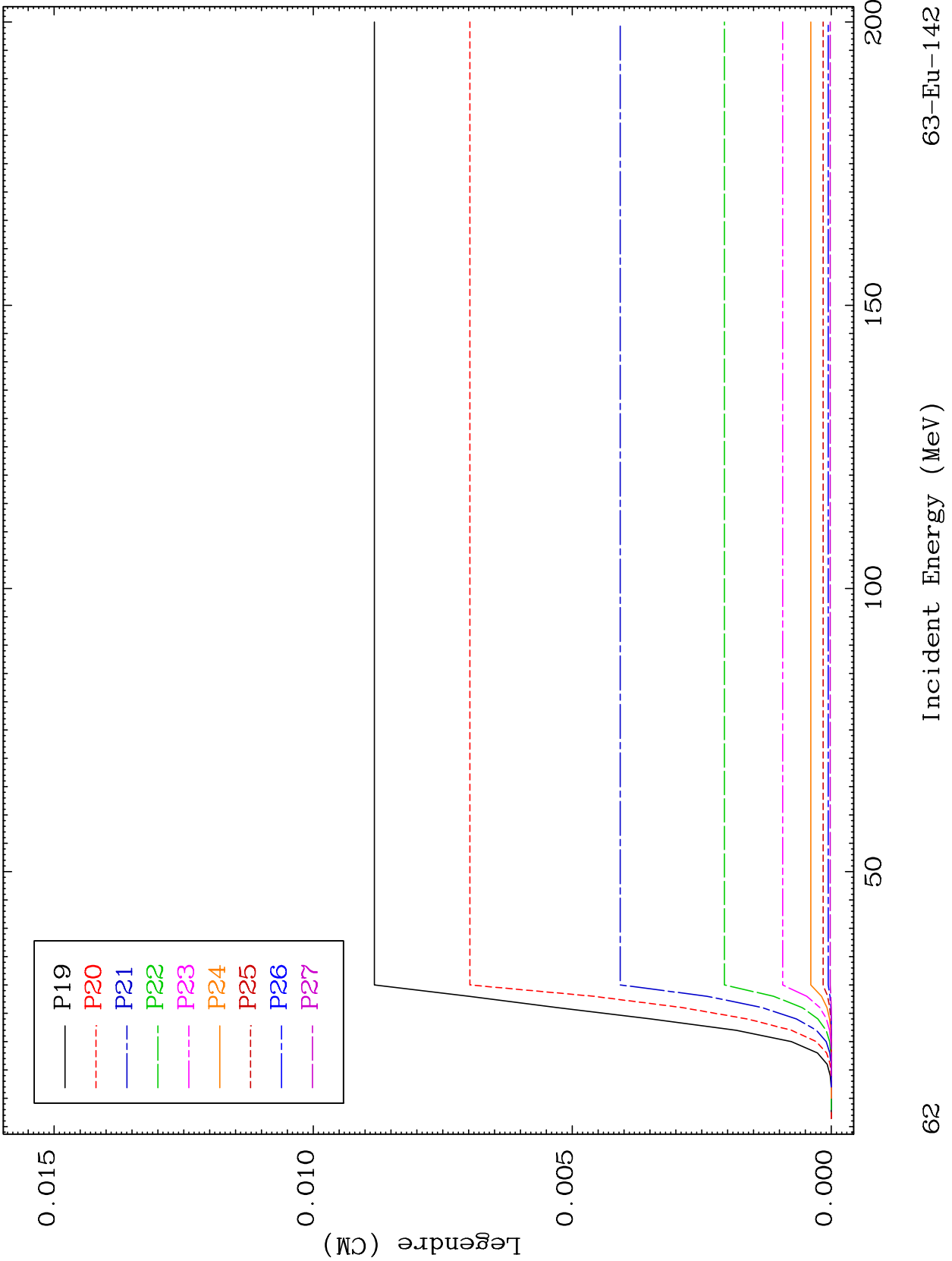
Incident Energy (MeV)

63-Eu-142

MAT 6298

631.7 keV (n,n') Level  
Legendre Coefficients

63-Eu-142



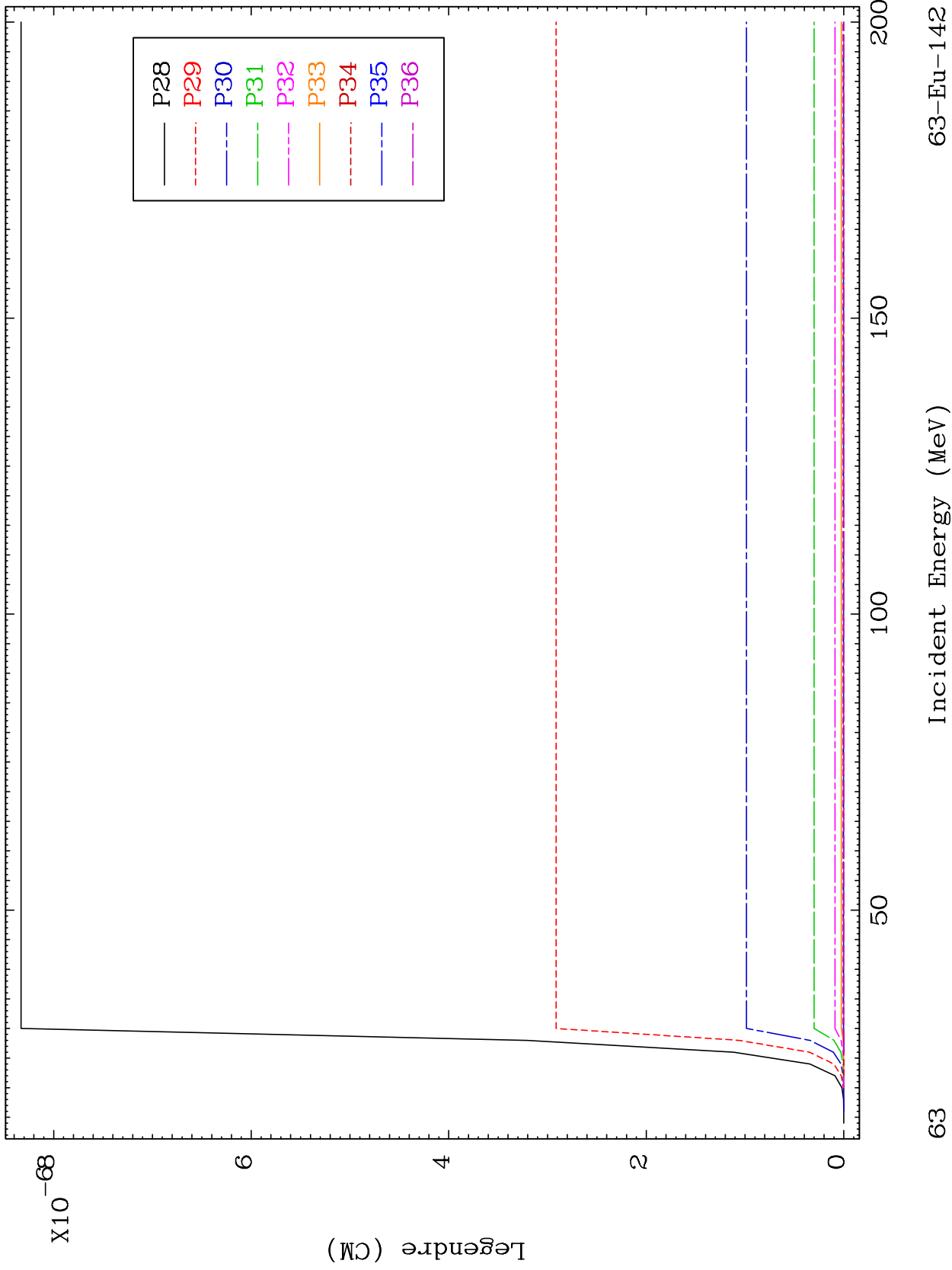
62

63-Eu-142

MAT 6298

631.7 keV (n,n') Level  
Legendre Coefficients

63-Eu-142



63

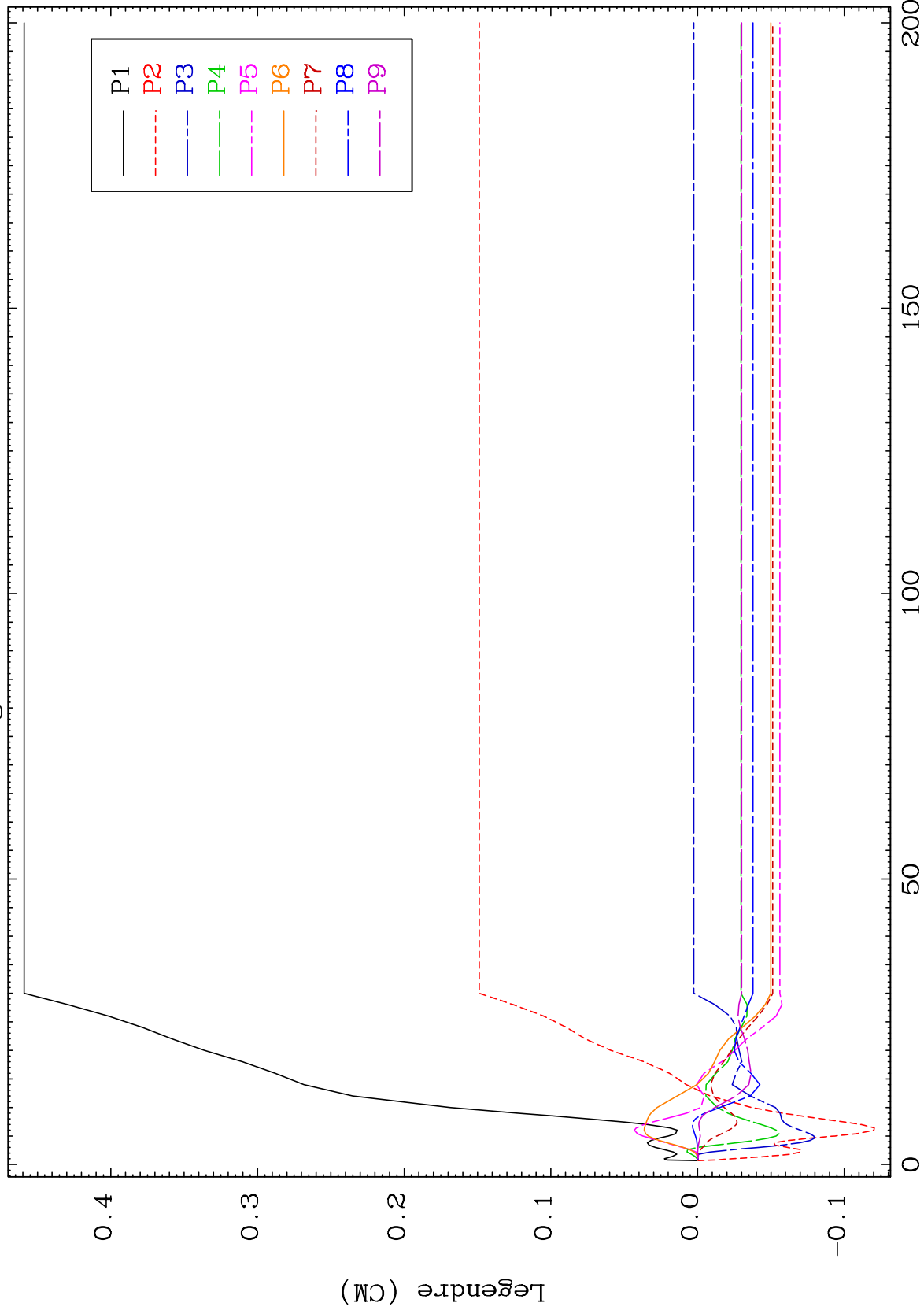
63-Eu-142



MAT 6298

660.9 keV (n,n') Level  
Legendre Coefficients

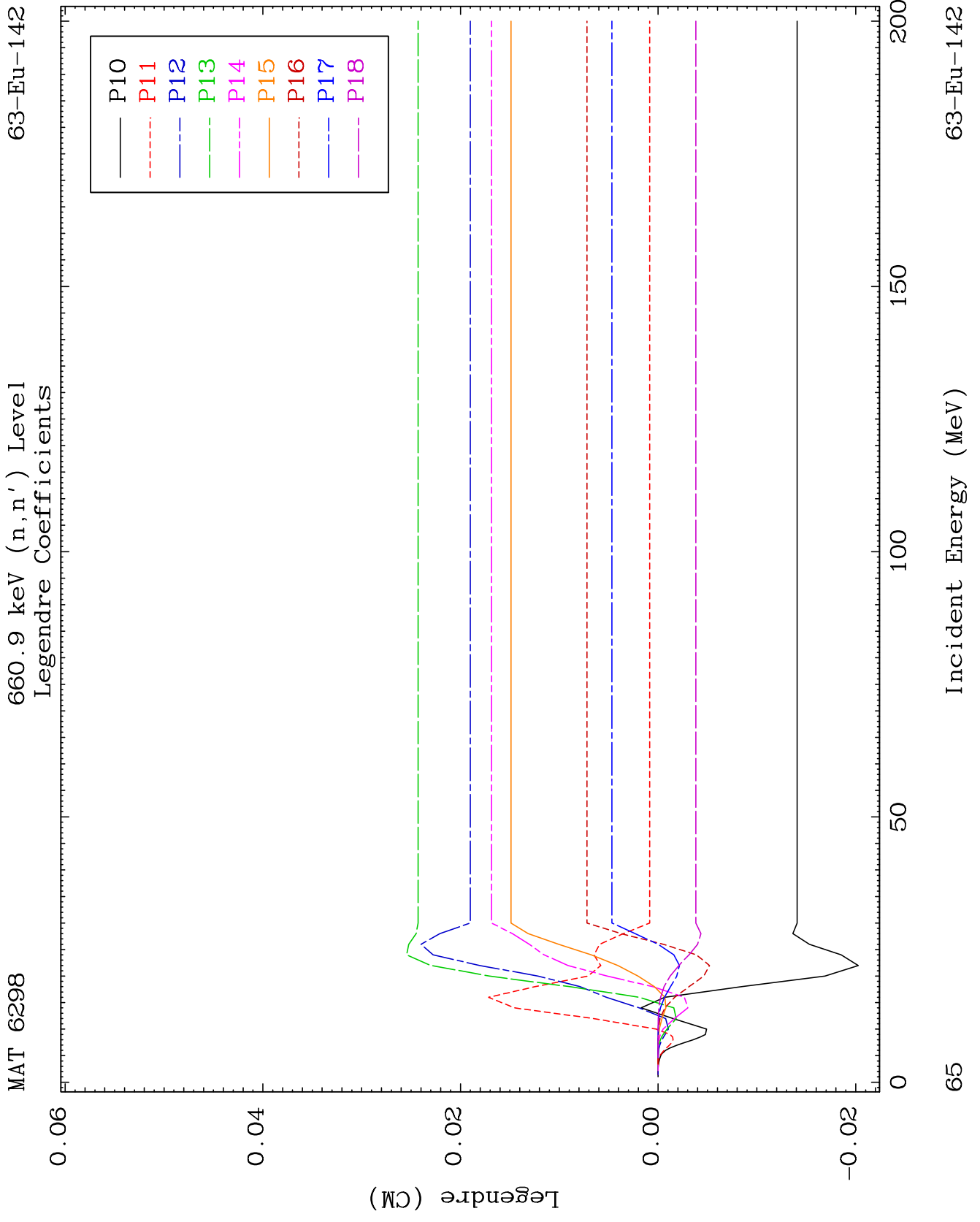
63-Eu-142



64

Incident Energy (MeV)

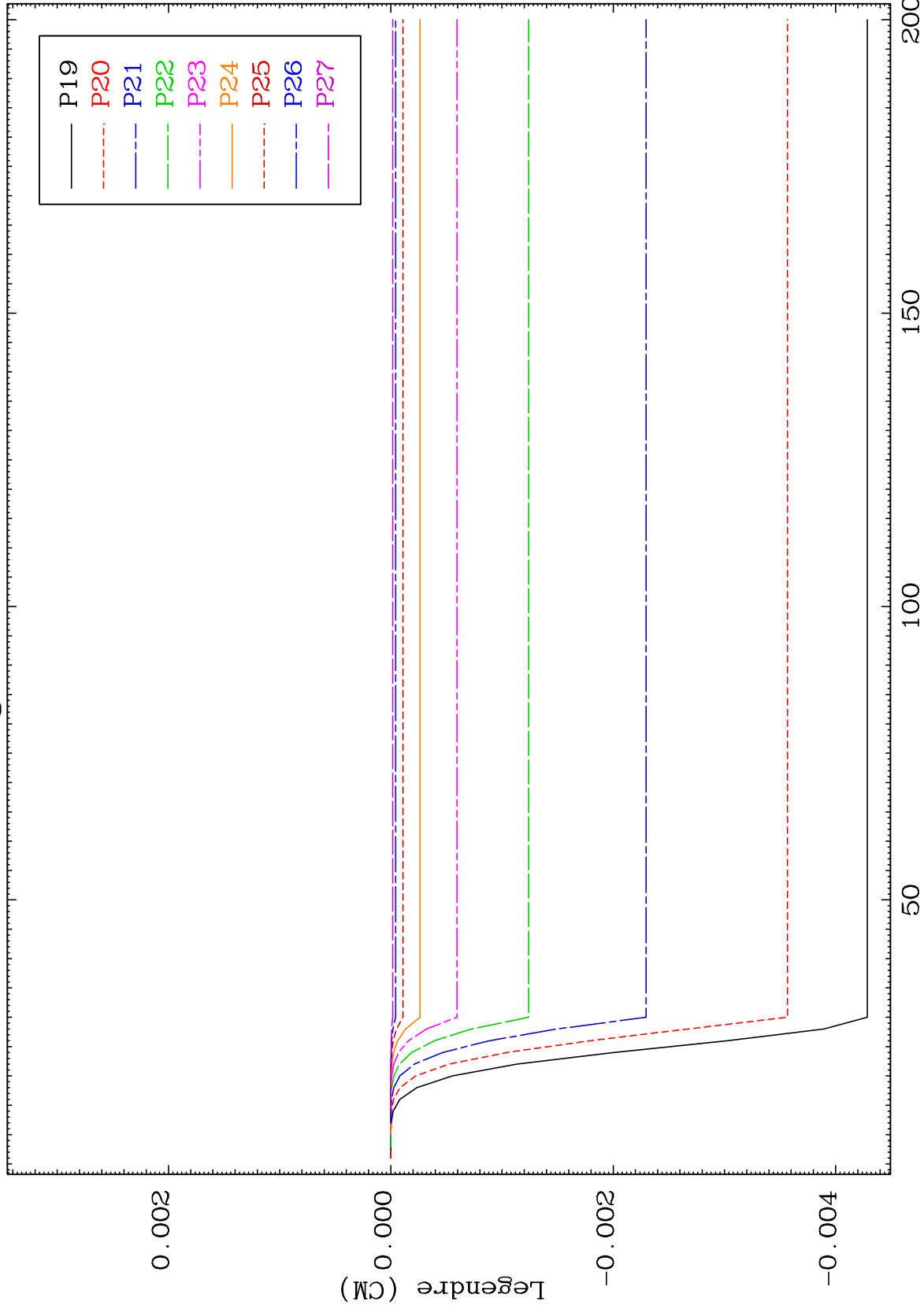
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MAT 6298

660.9 keV (n,n') Level  
Legendre Coefficients

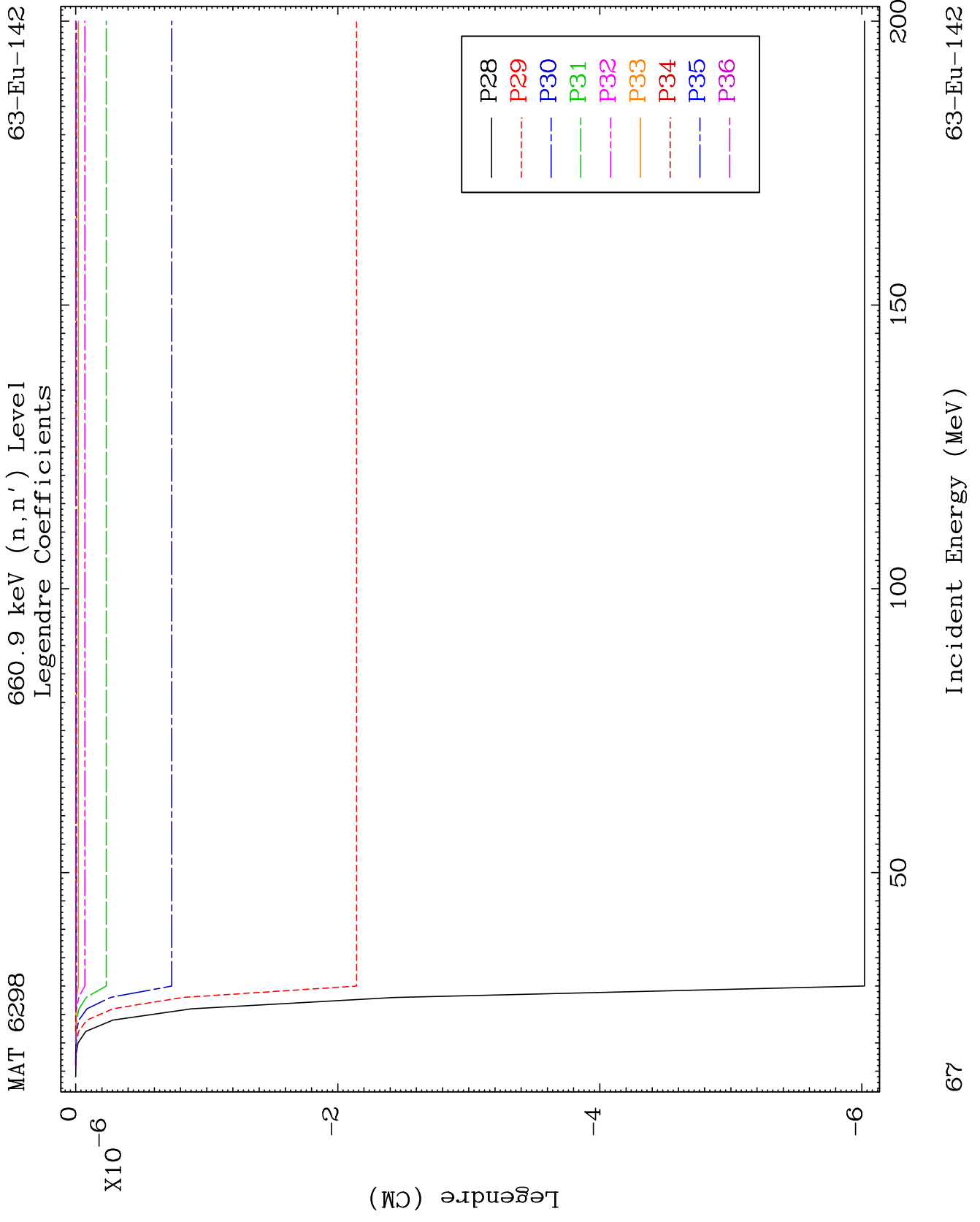
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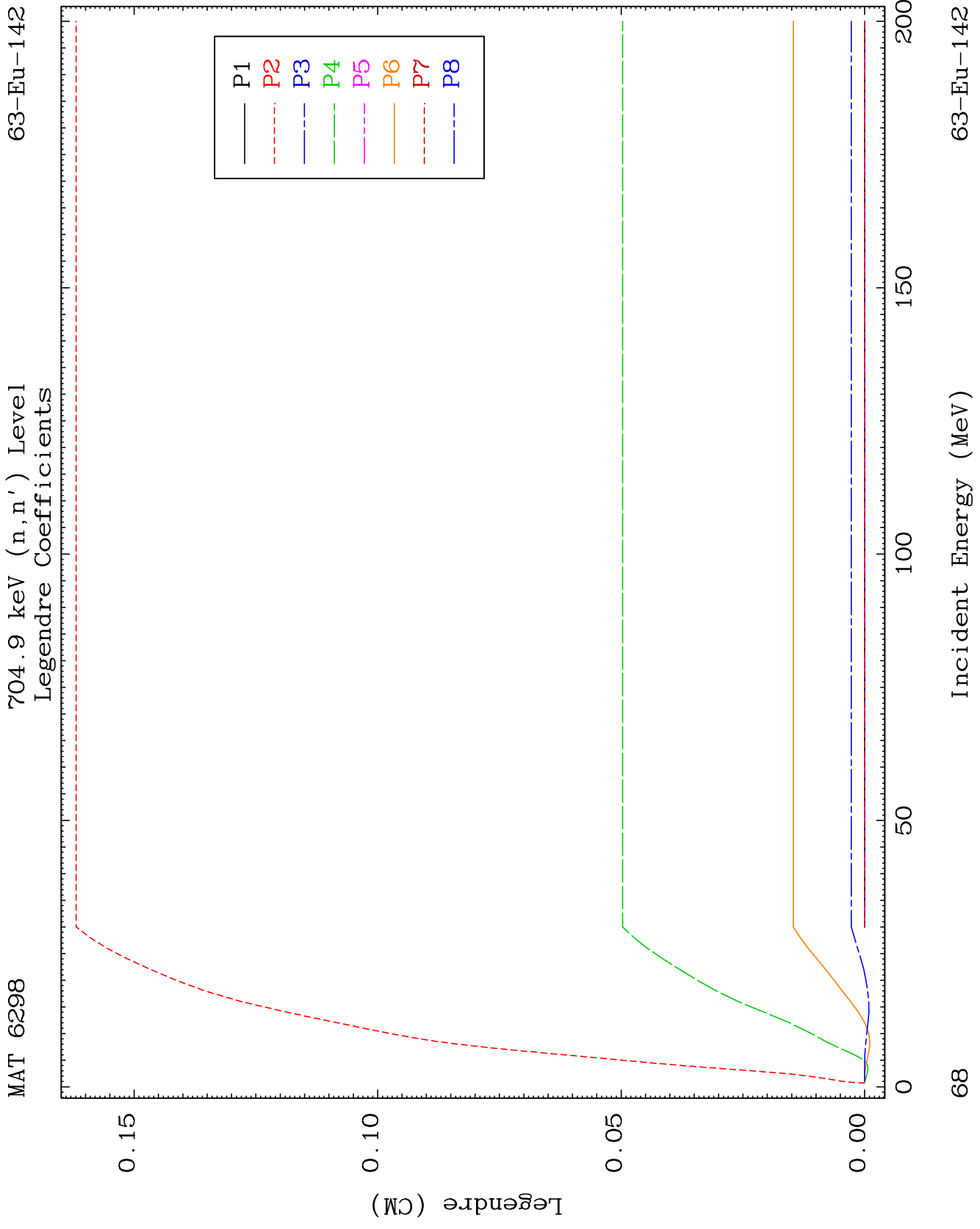


66

Incident Energy (MeV)

63-Eu-142

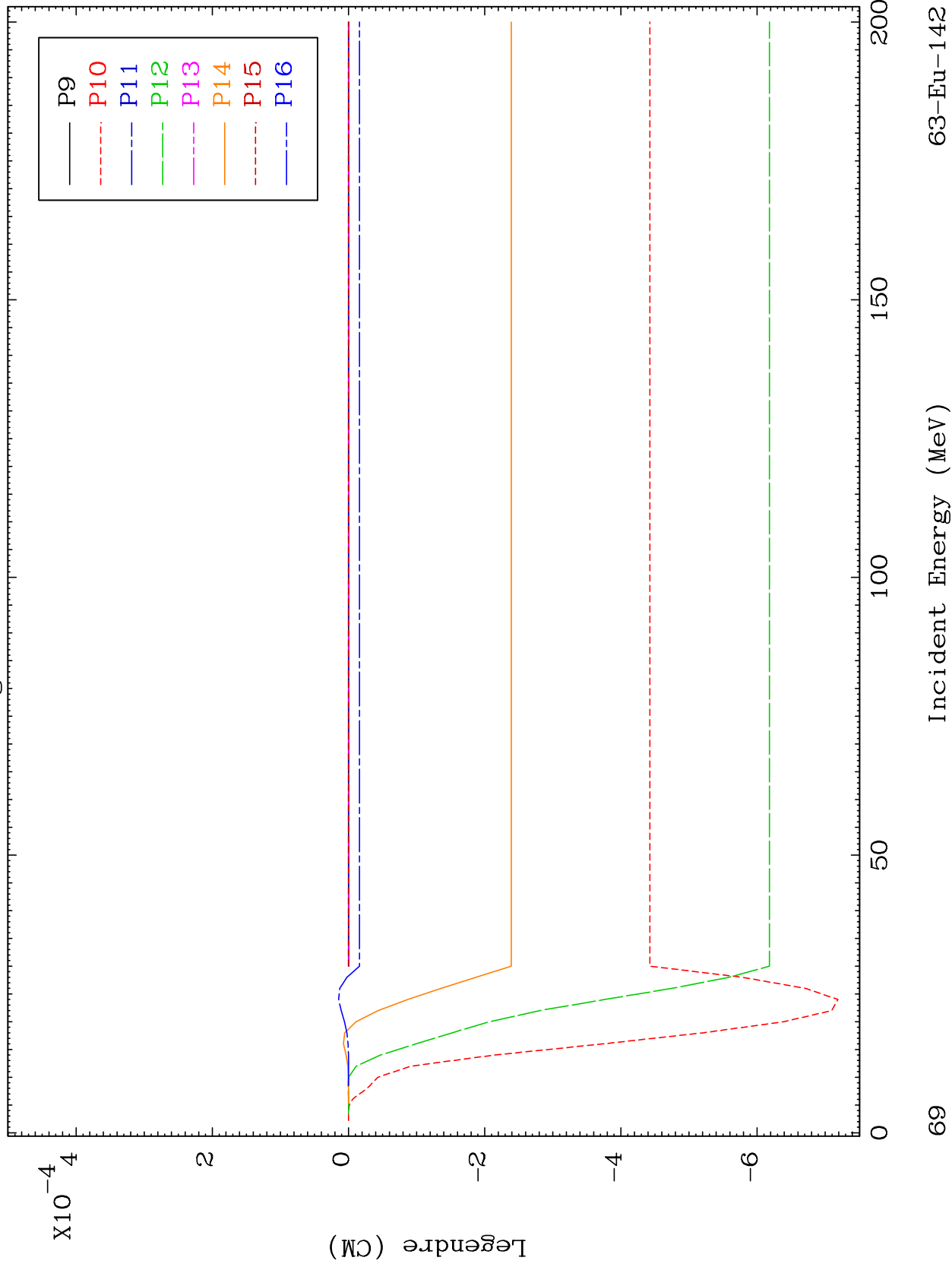




MAT 6298

704.9 keV (n, n') Level  
Legendre Coefficients

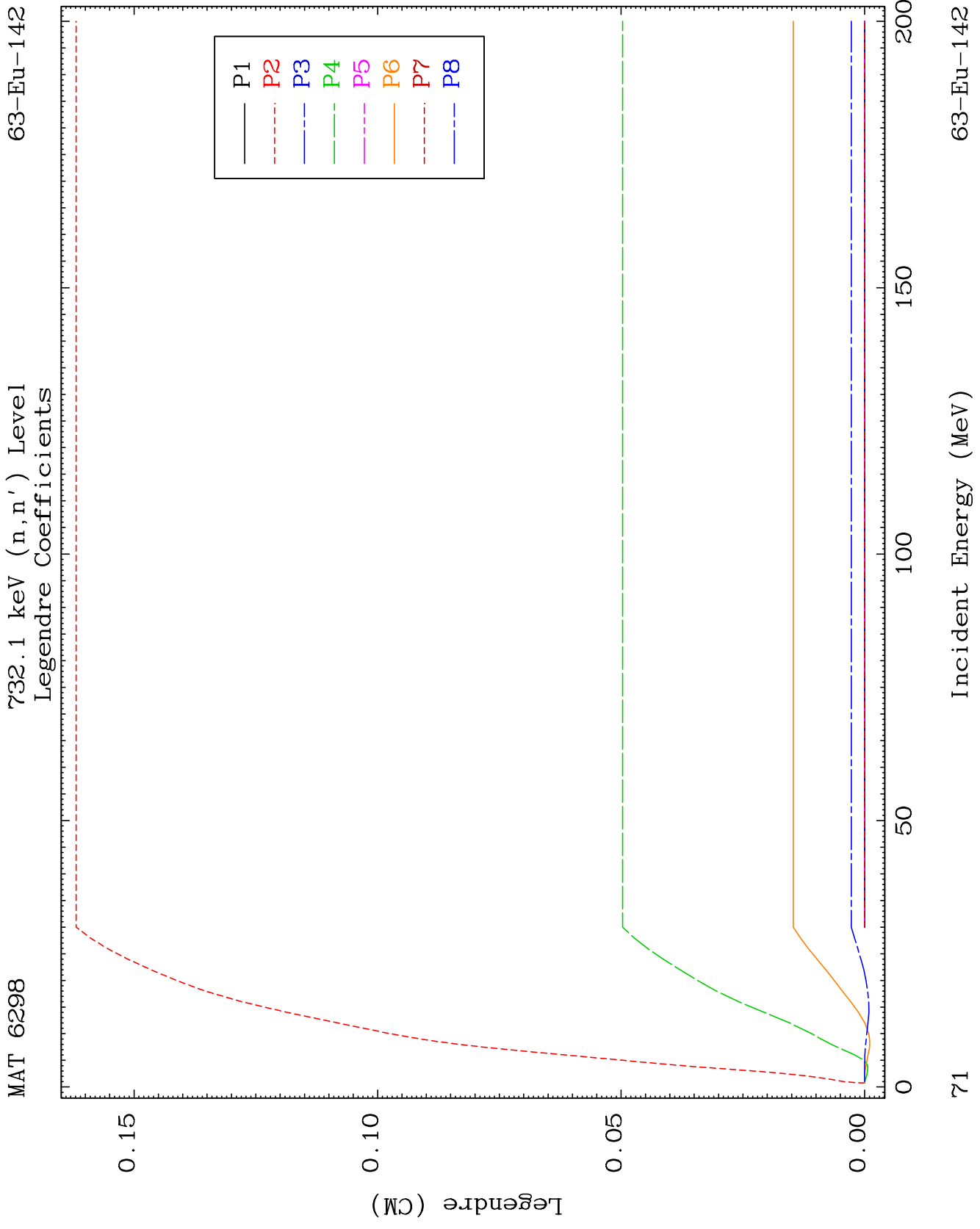
63-Eu-142



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63-Eu-142



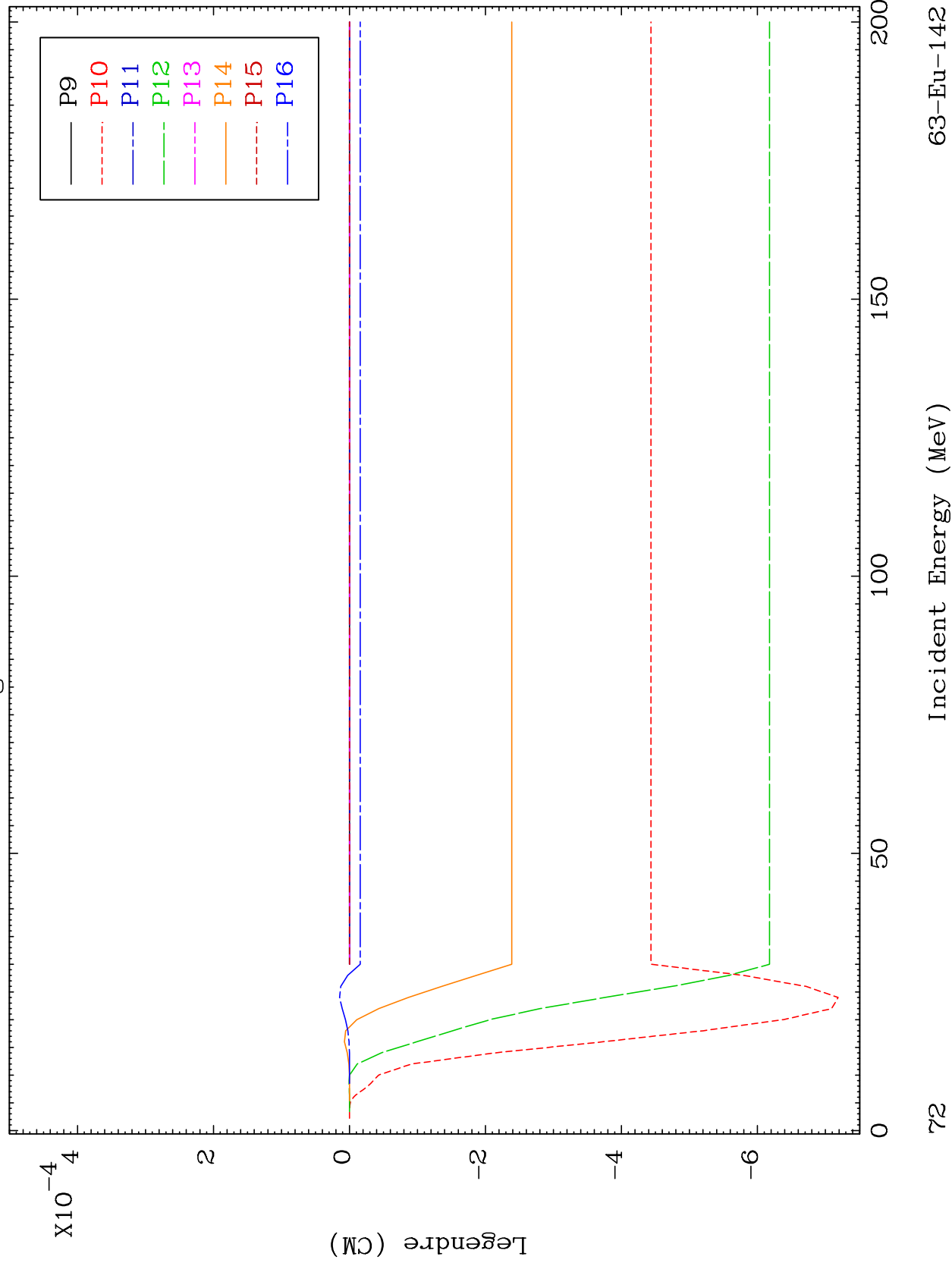




MAT 6298

732.1 keV (n,n') Level  
Legendre Coefficients

63-Eu-142

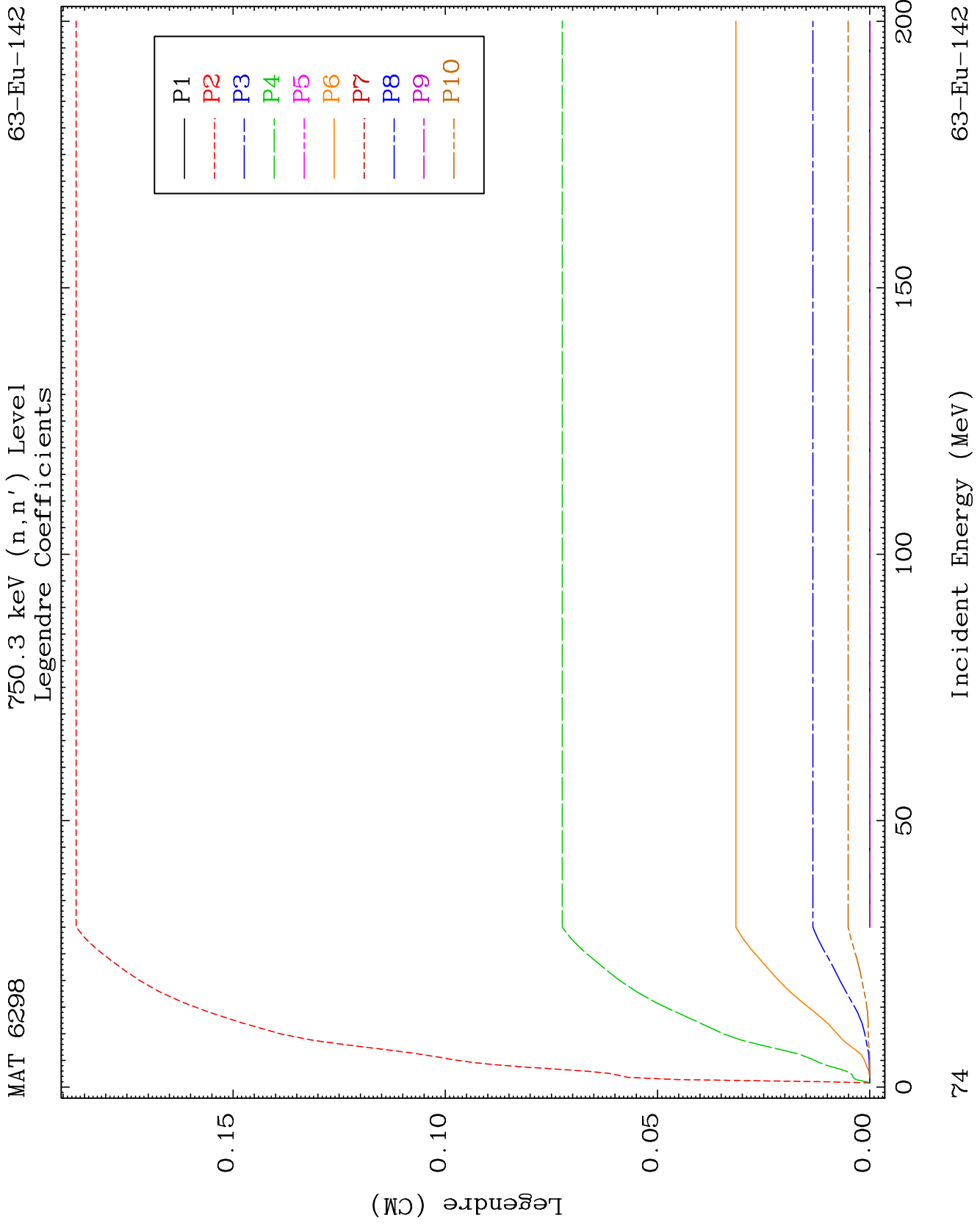


72

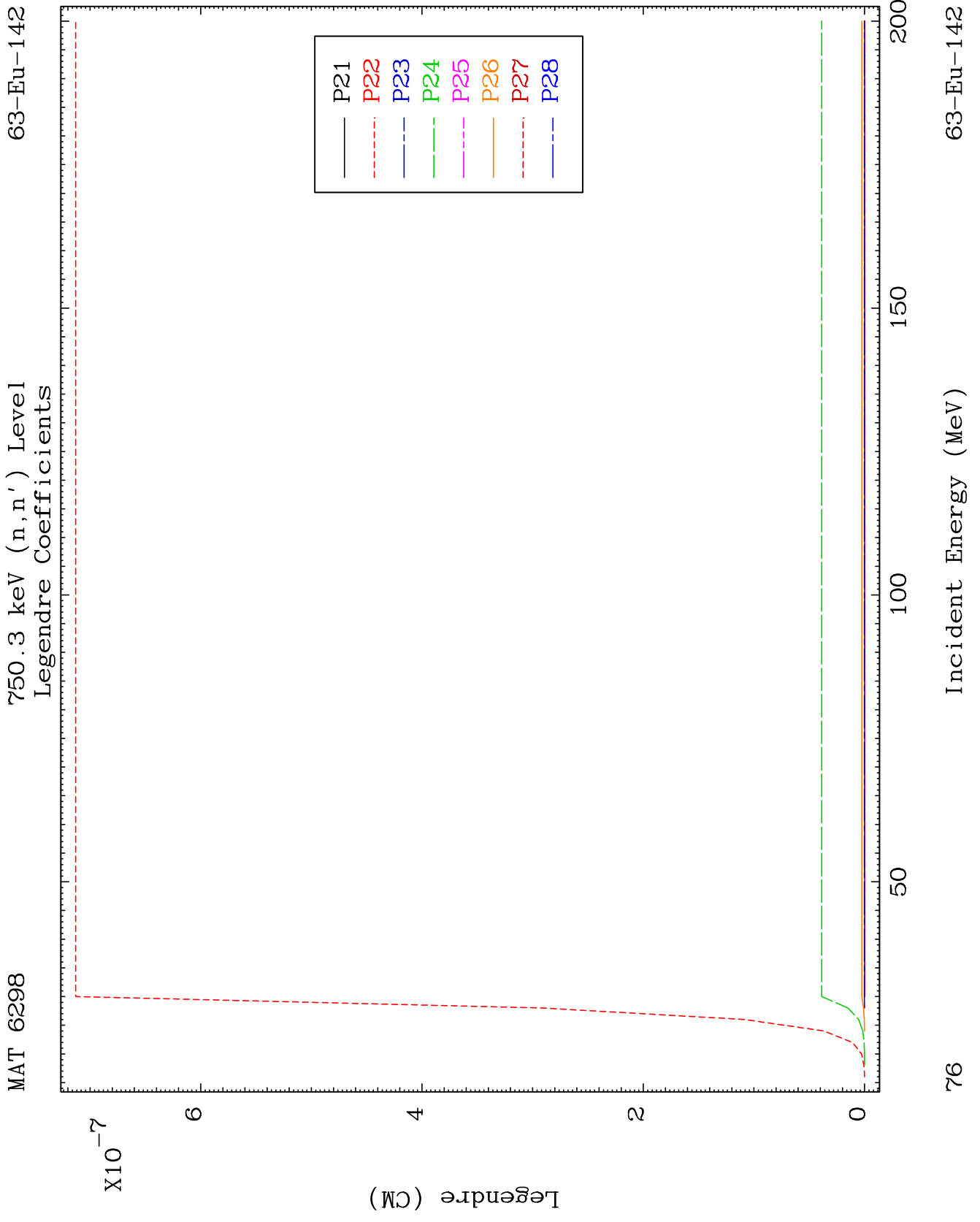
Incident Energy (MeV)

63-Eu-142





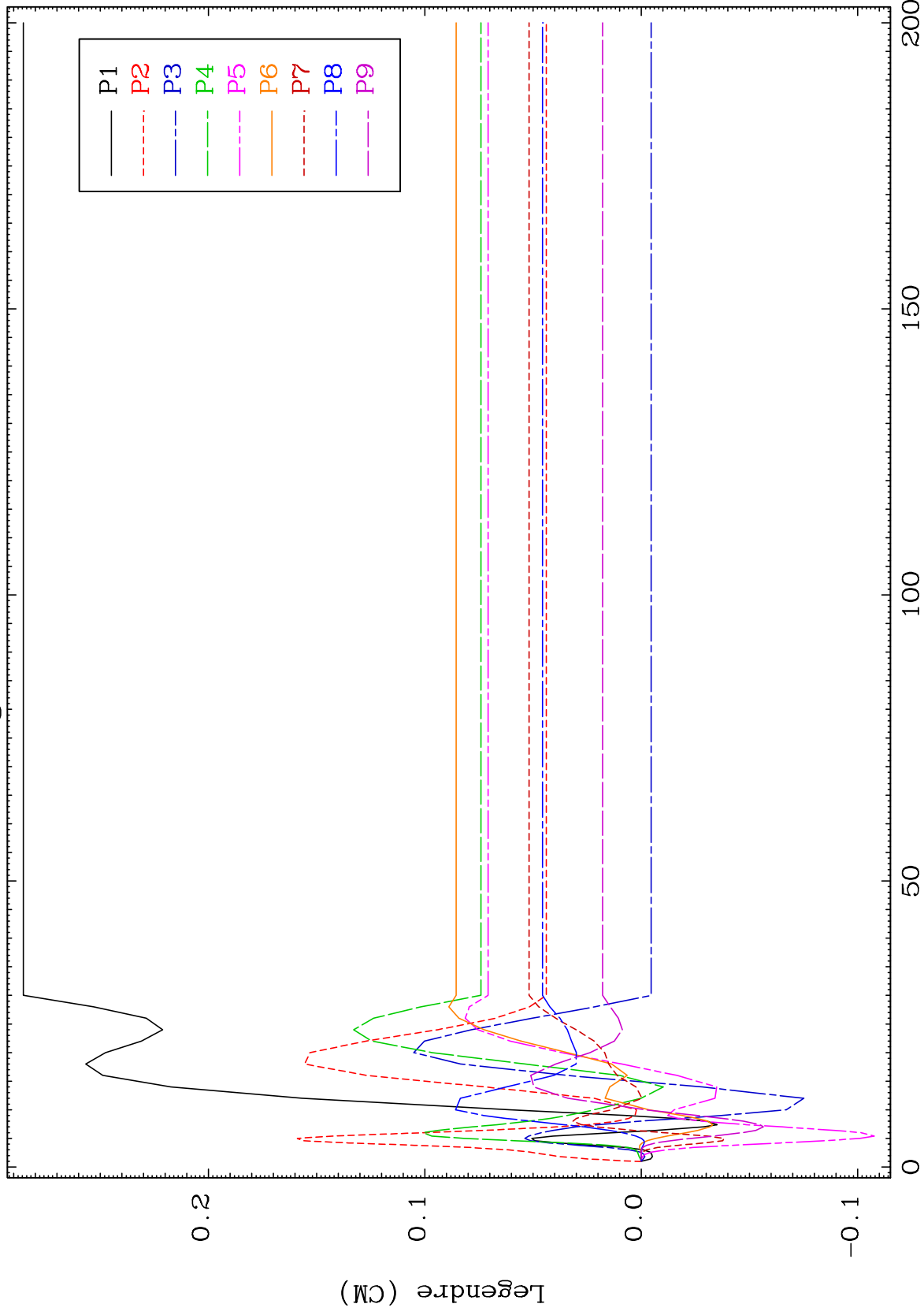




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935.6 keV (n,n') Level  
Legendre Coefficients

63-Eu-142



77

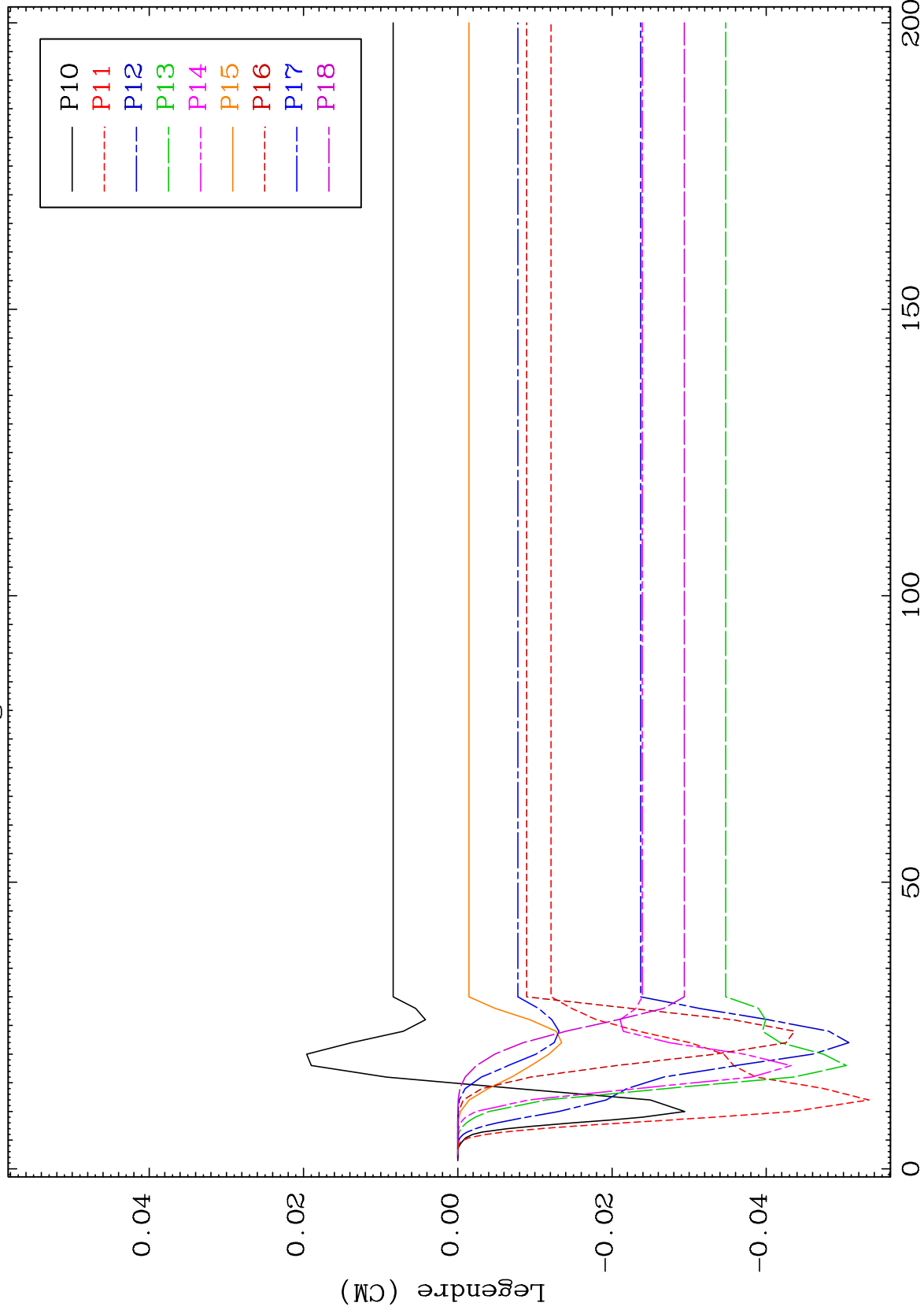
Incident Energy (MeV)

63-Eu-142

MAT 6298

935.6 keV (n,n') Level  
Legendre Coefficients

63-Eu-142



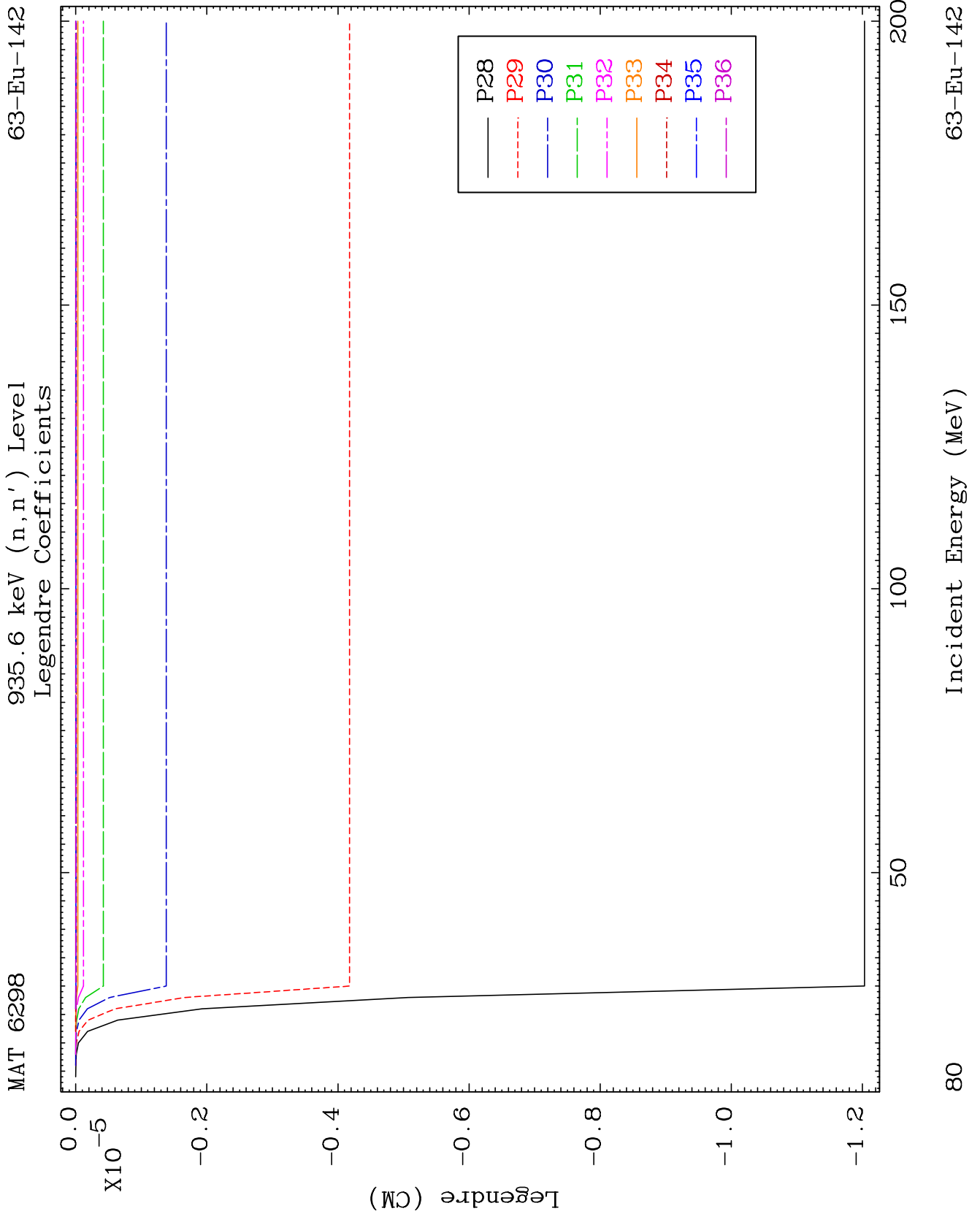
78

Incident Energy (MeV)

63-Eu-142



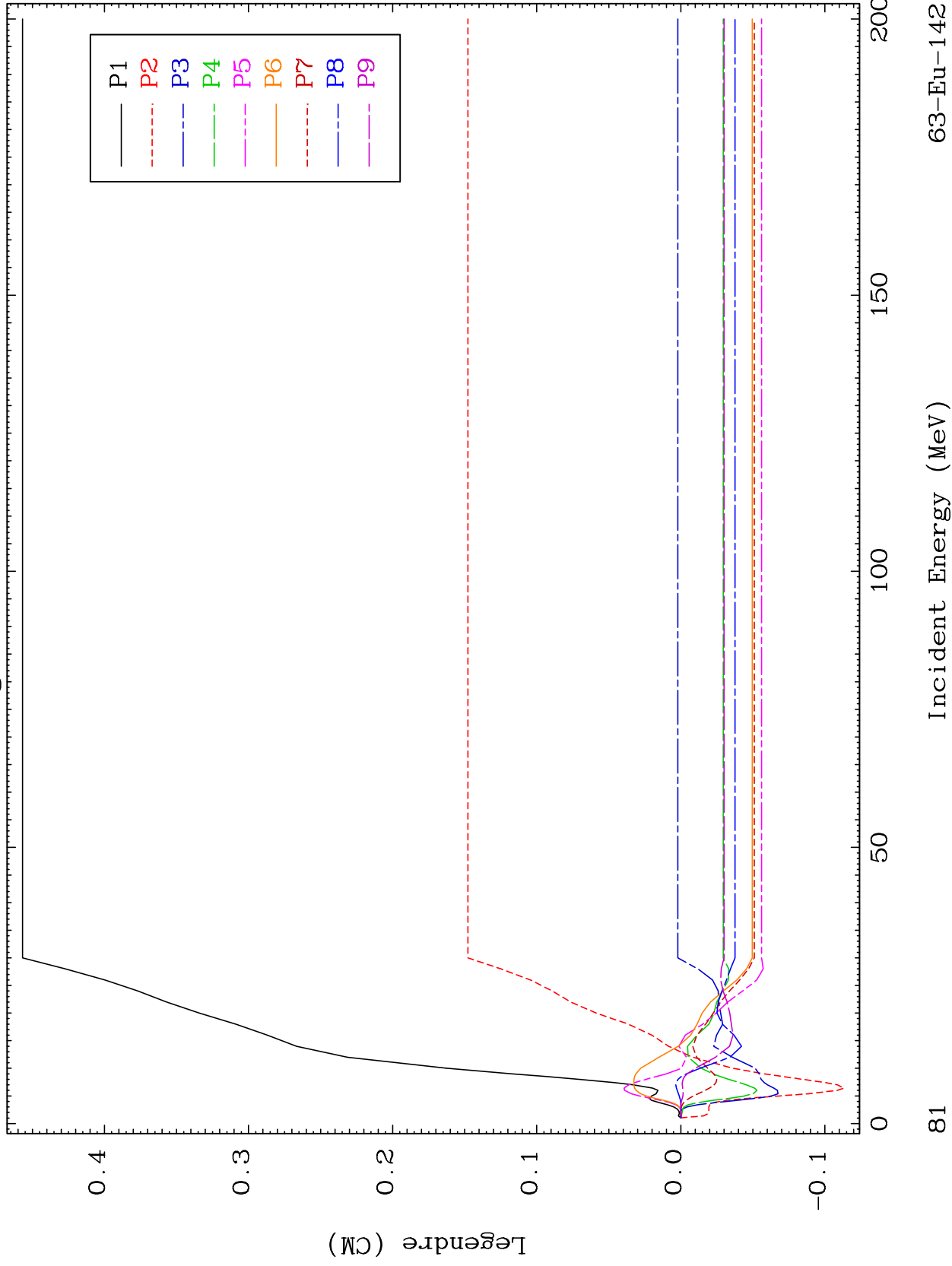




MAT 6298

1.000 MeV (n,n') Level  
Legendre Coefficients

63-Eu-142



81

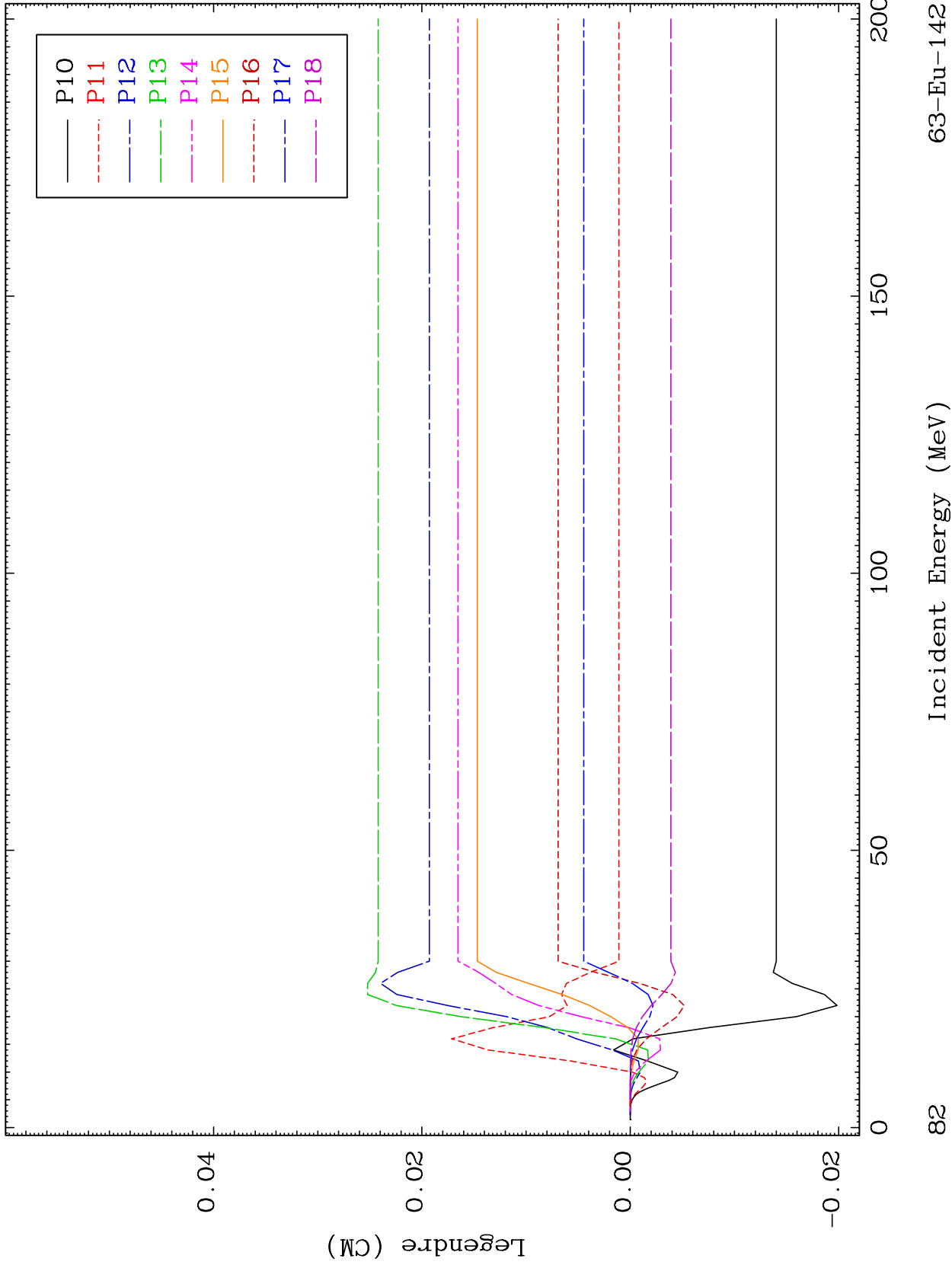
Incident Energy (MeV)

63-Eu-142

MAT 6298

1.000 MeV (n,n') Level  
Legendre Coefficients

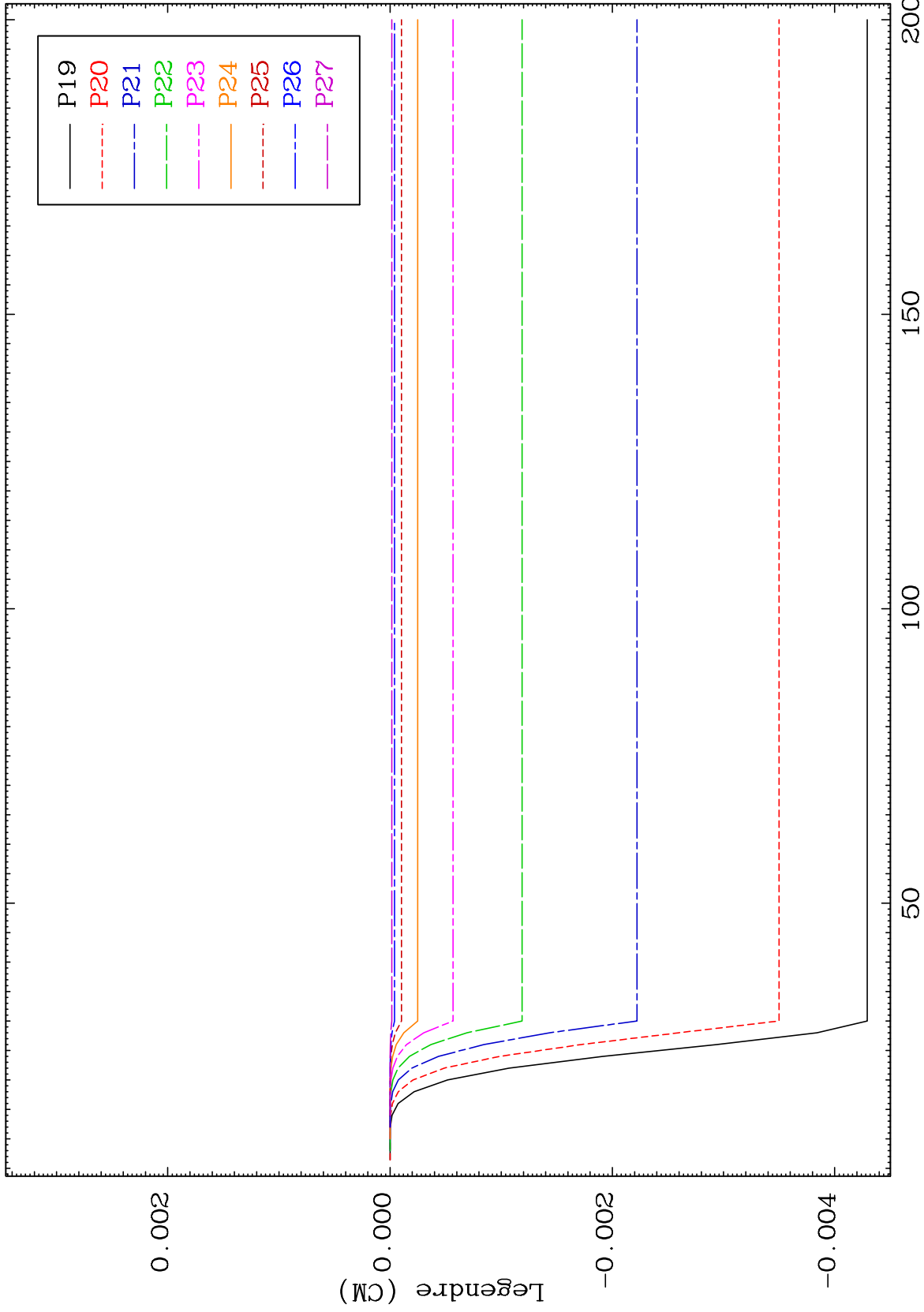
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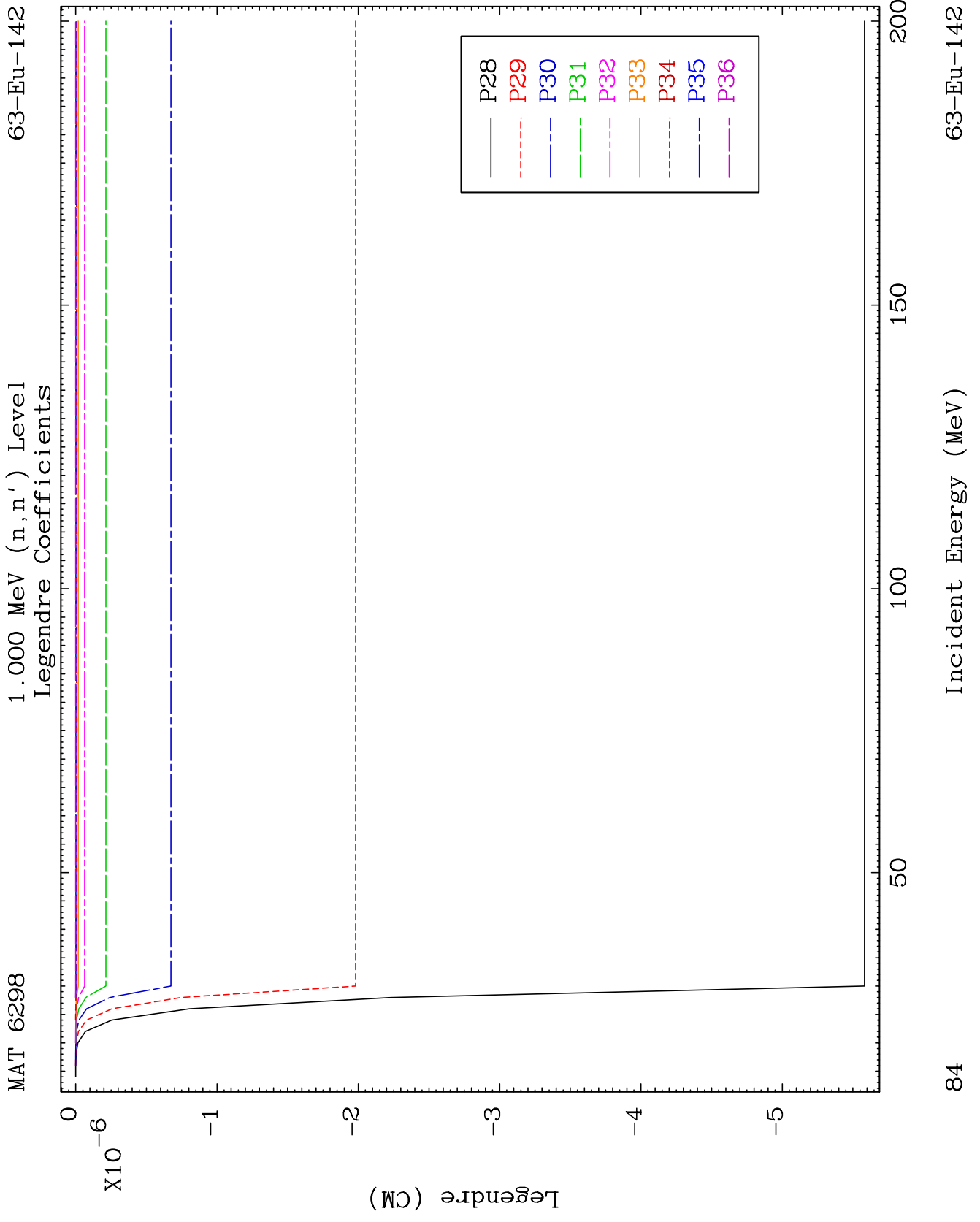


63-Eu-142

Incident Energy (MeV)

82

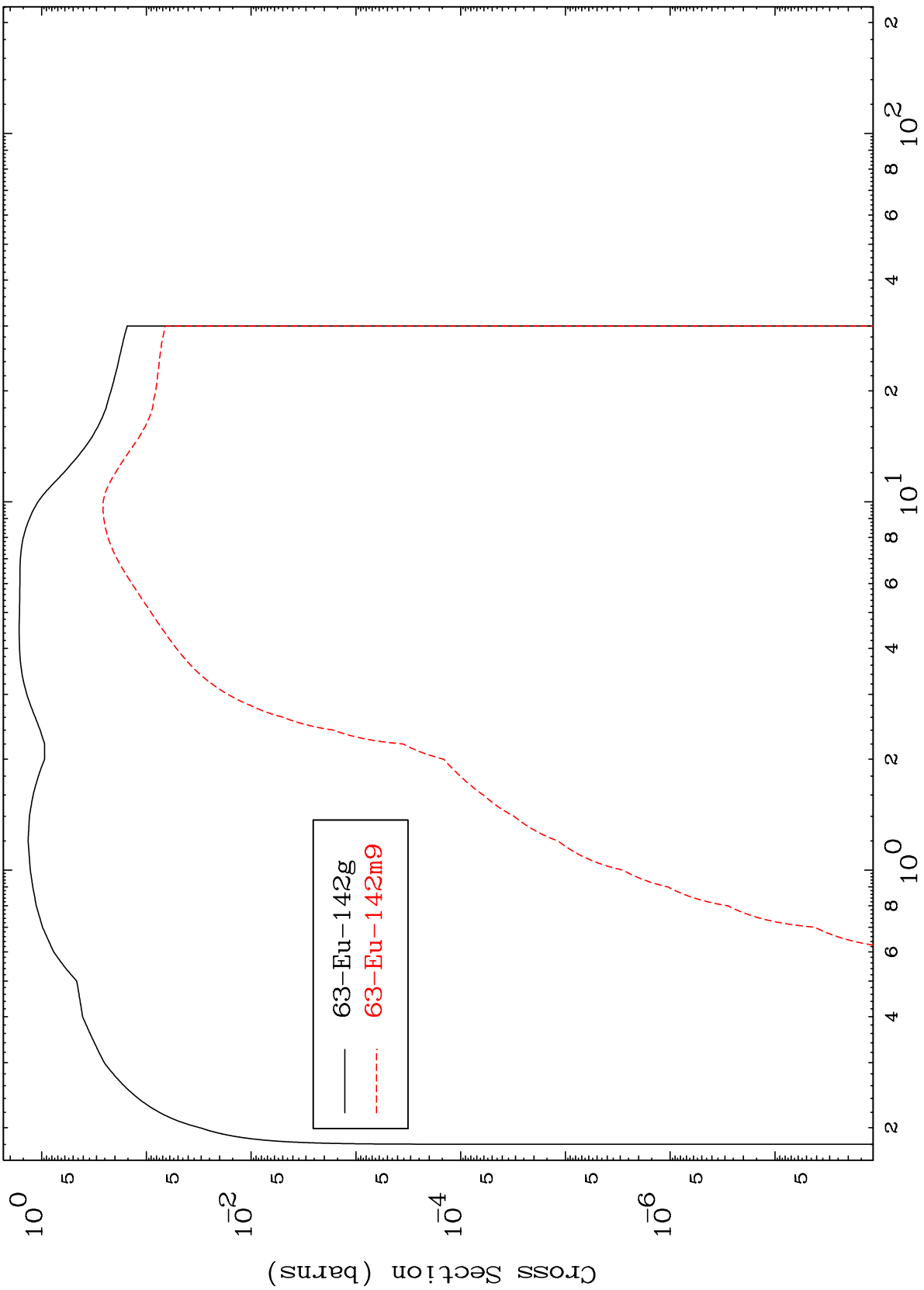




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63-Eu-142

Inelastic  
Radionuclide Production Cross Section

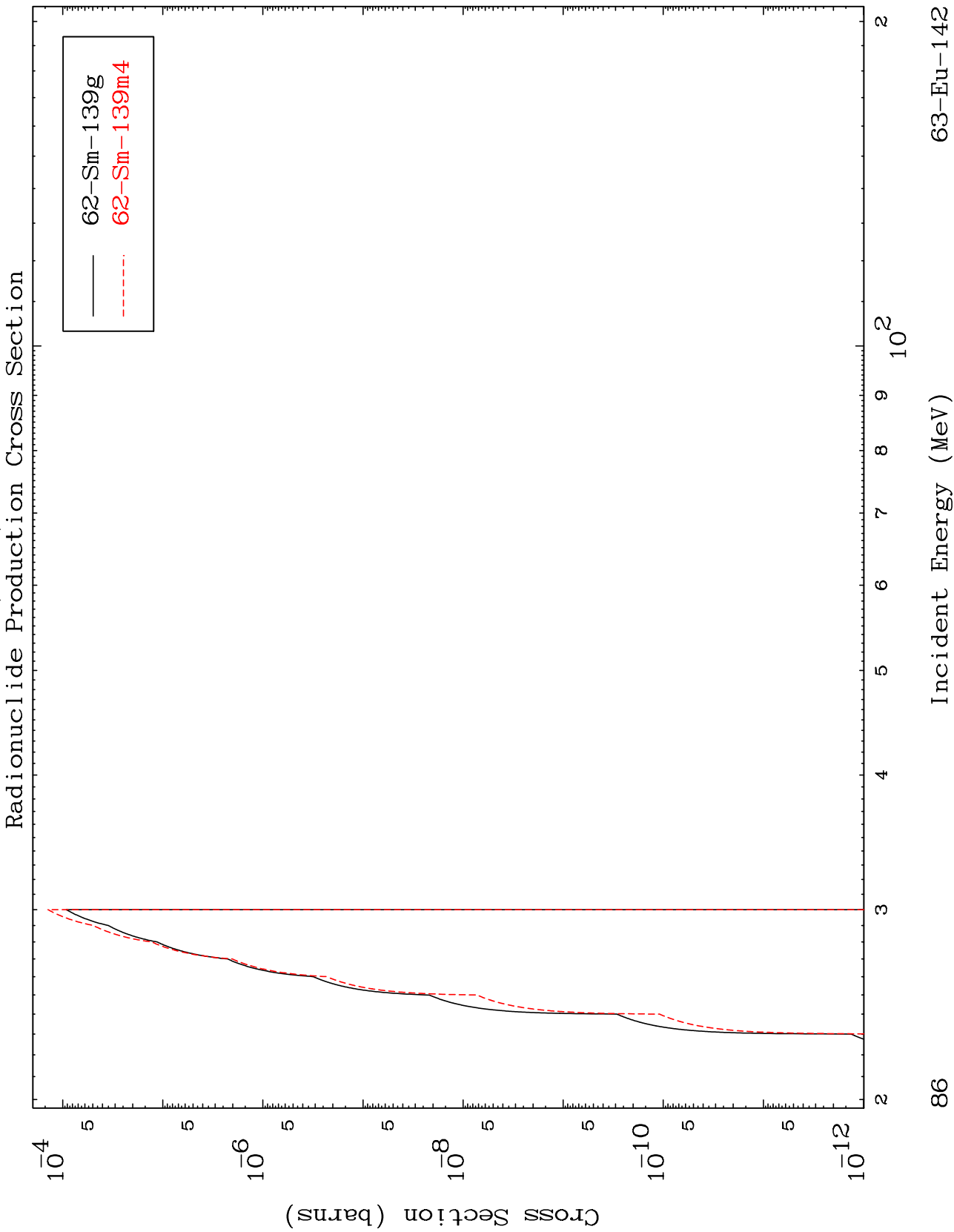


63-Eu-142g  
63-Eu-142m9

MAT 6298

(n,2n) d

63-Eu-142



86

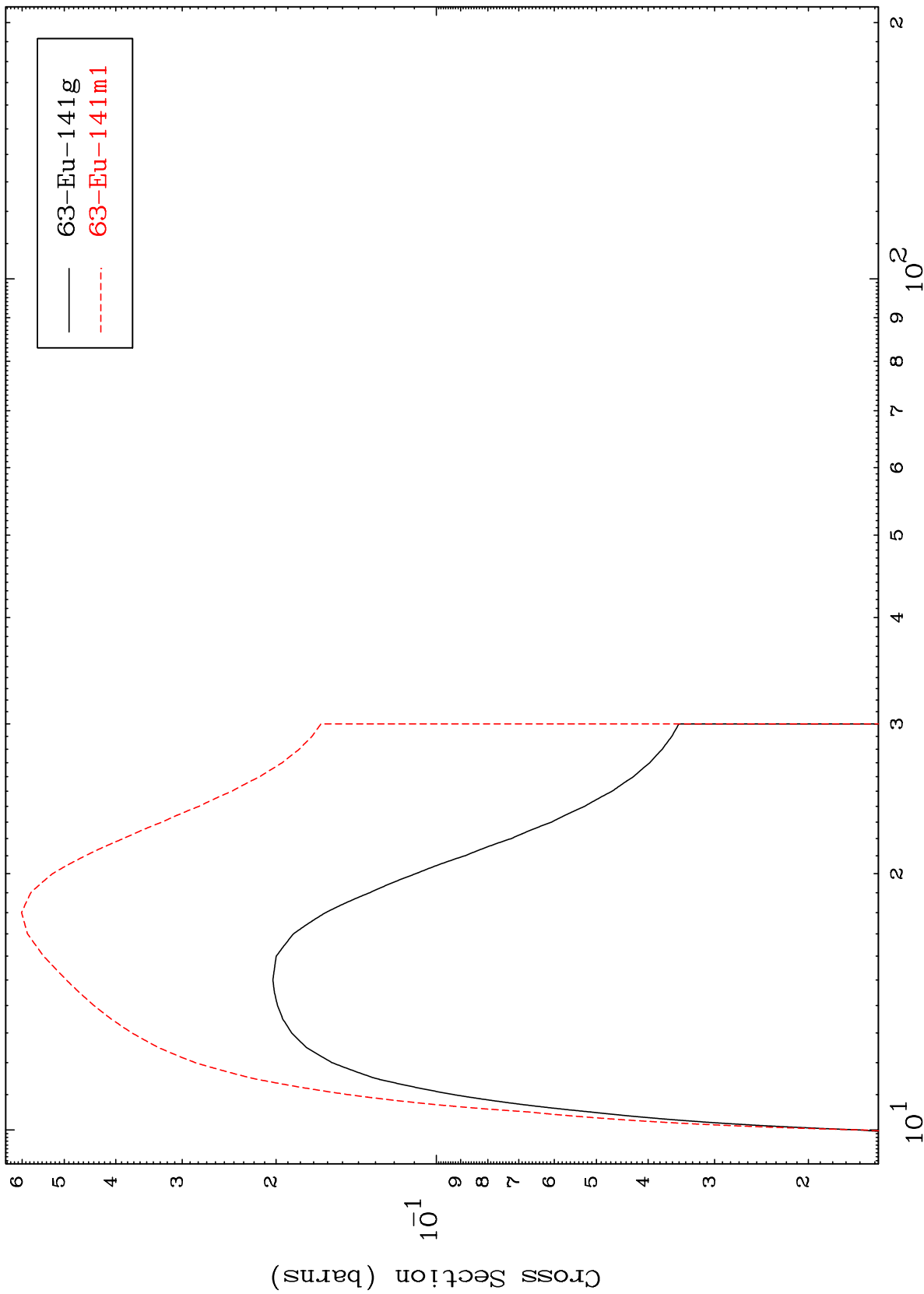
Incident Energy (MeV)

63-Eu-142

MAT 6298

63-Eu-142

(n,2n)  
Radionuclide Production Cross Section



63-Eu-142

Incident Energy (MeV)

87

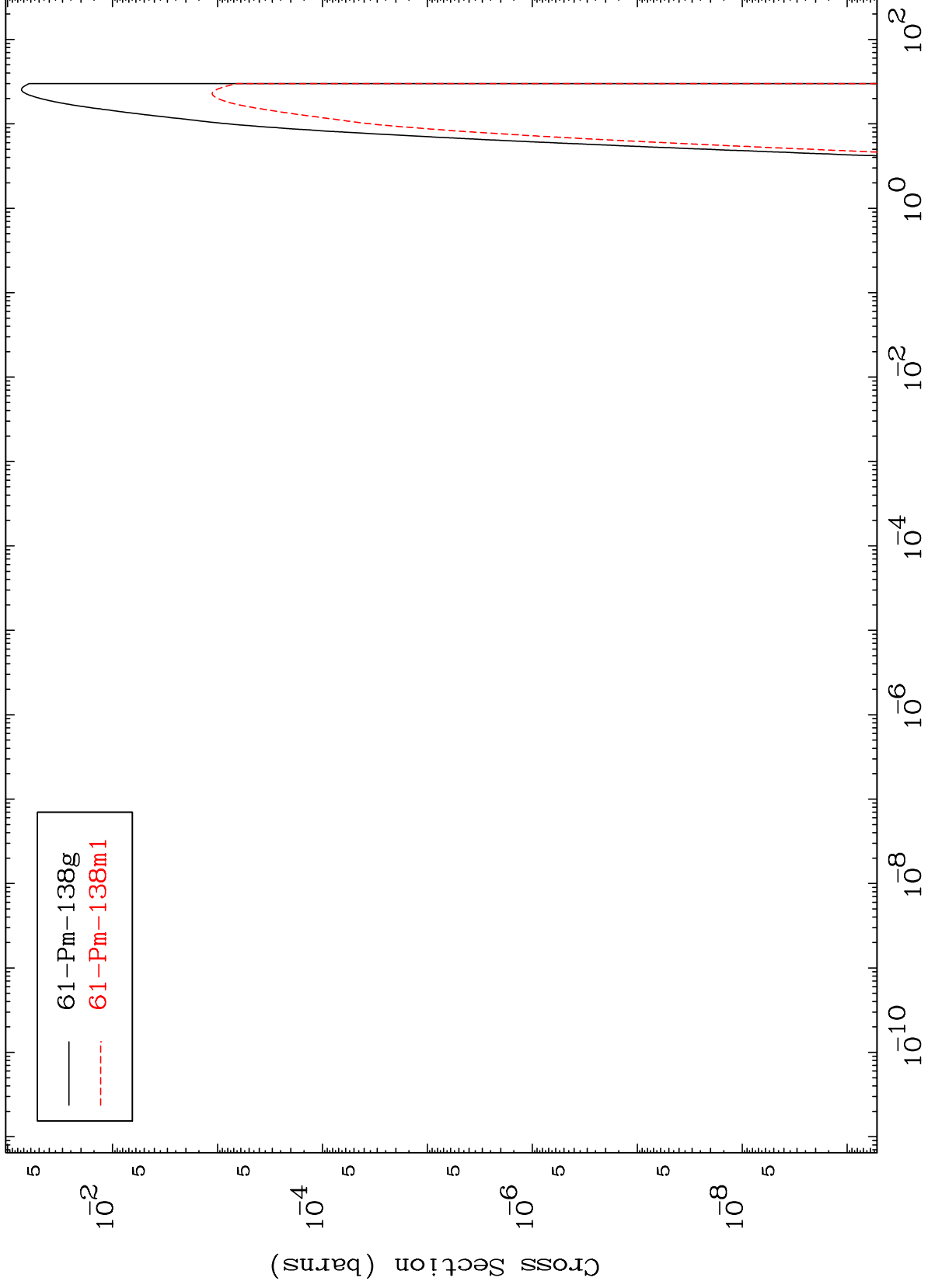


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$(n, n') \alpha$

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

Radionuclide Production Cross Section

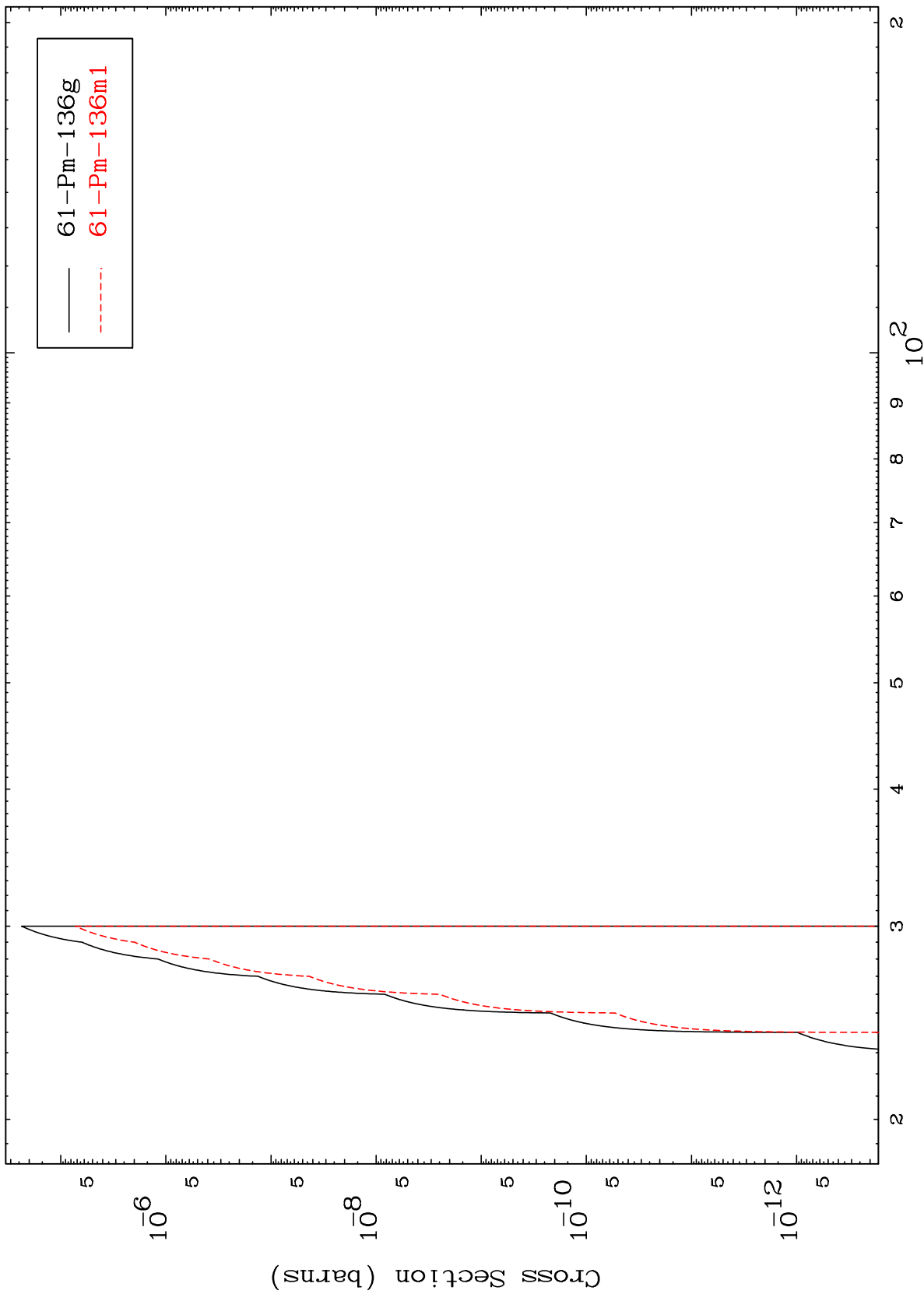


88

Incident Energy (MeV)

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

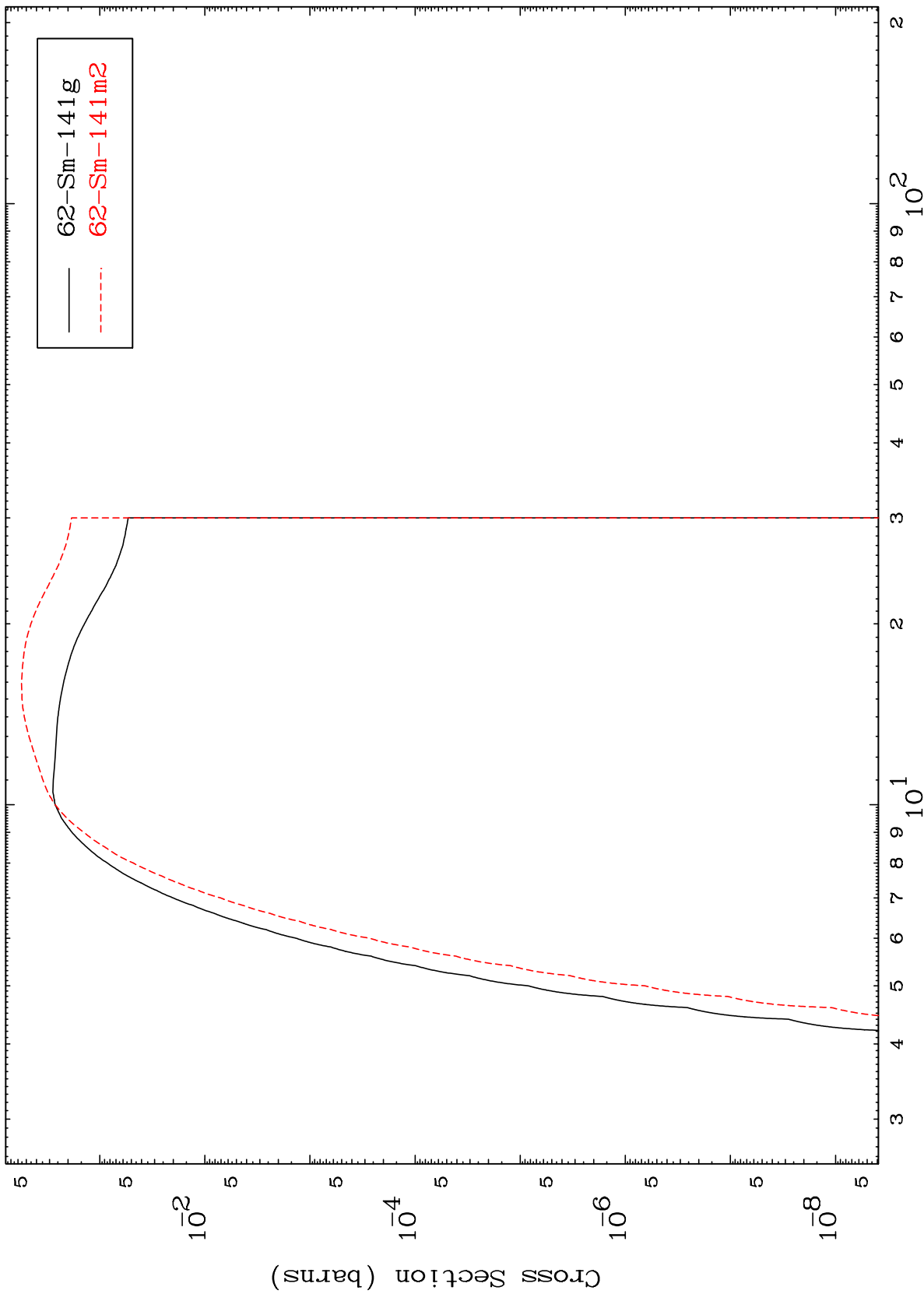
Radionuclide Production Cross Section



MAT 6298

63-Eu-142

$(n, n')$  p  
Radionuclide Production Cross Section



90

Incident Energy (MeV)

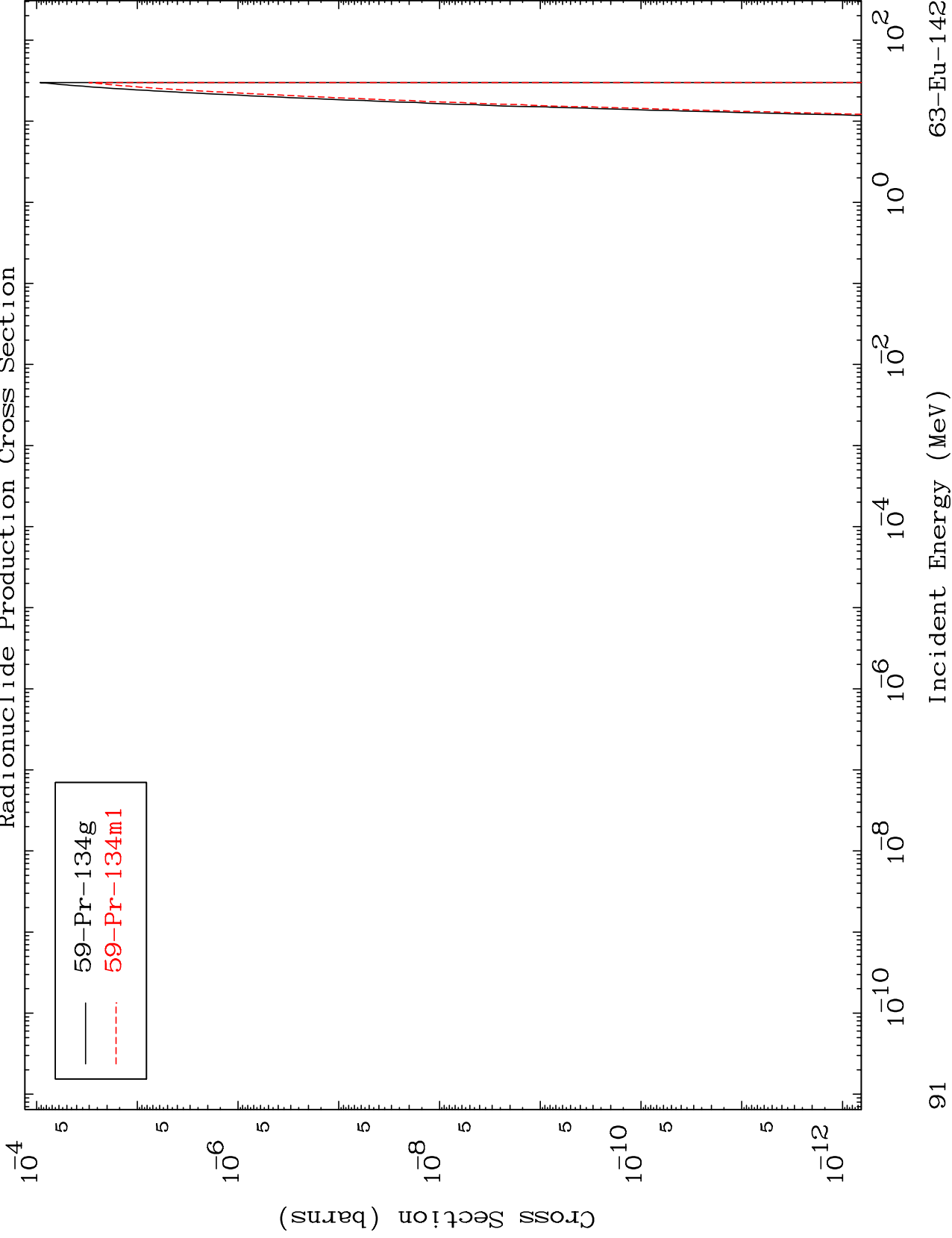
63-Eu-142

MAT 6298

(n,n') 2 $\alpha$

63-Eu-142

Radionuclide Production Cross Section

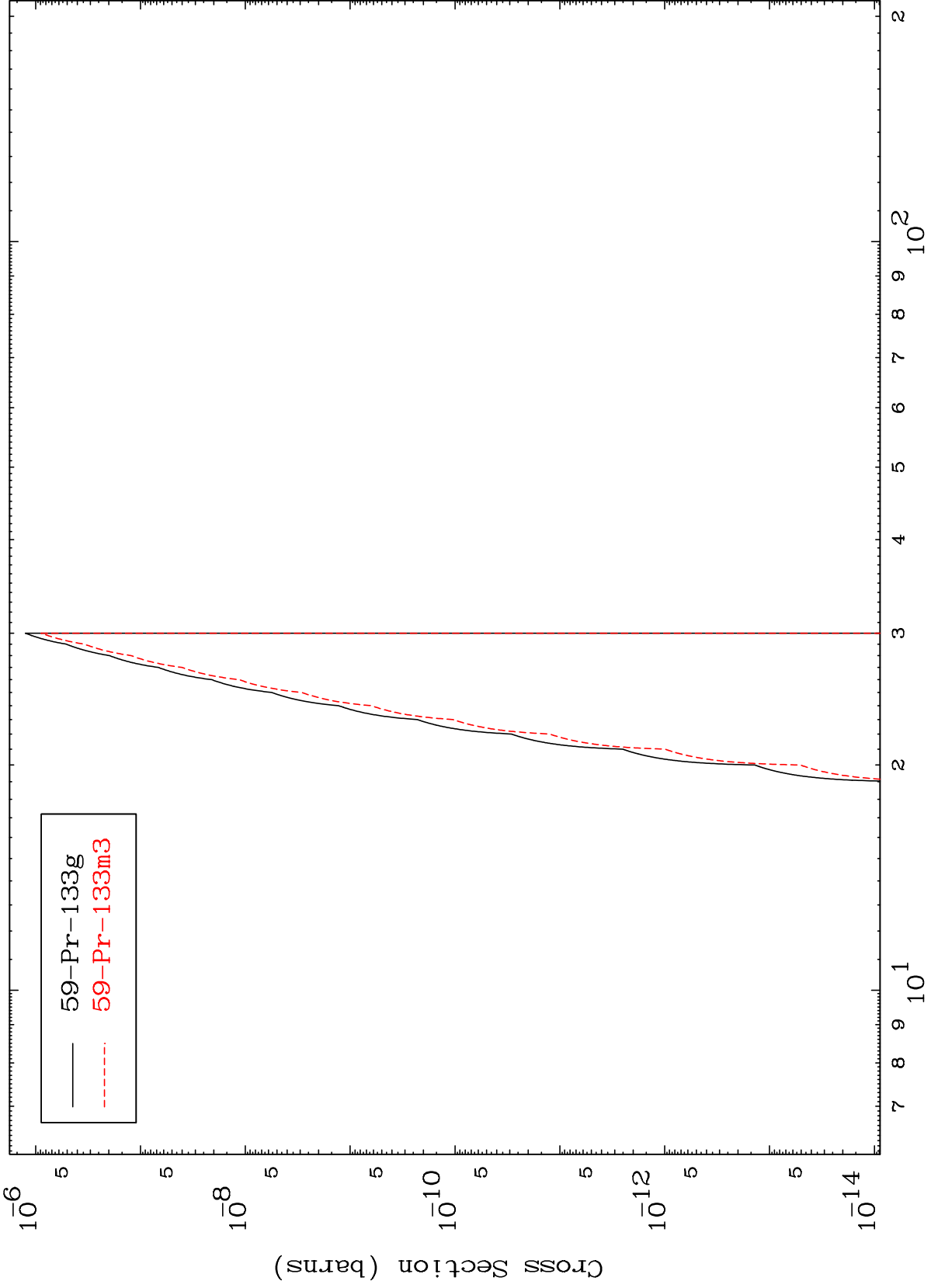


MAT 6298

(n,2n) 2 $\alpha$

63-Eu-142

Radionuclide Production Cross Section



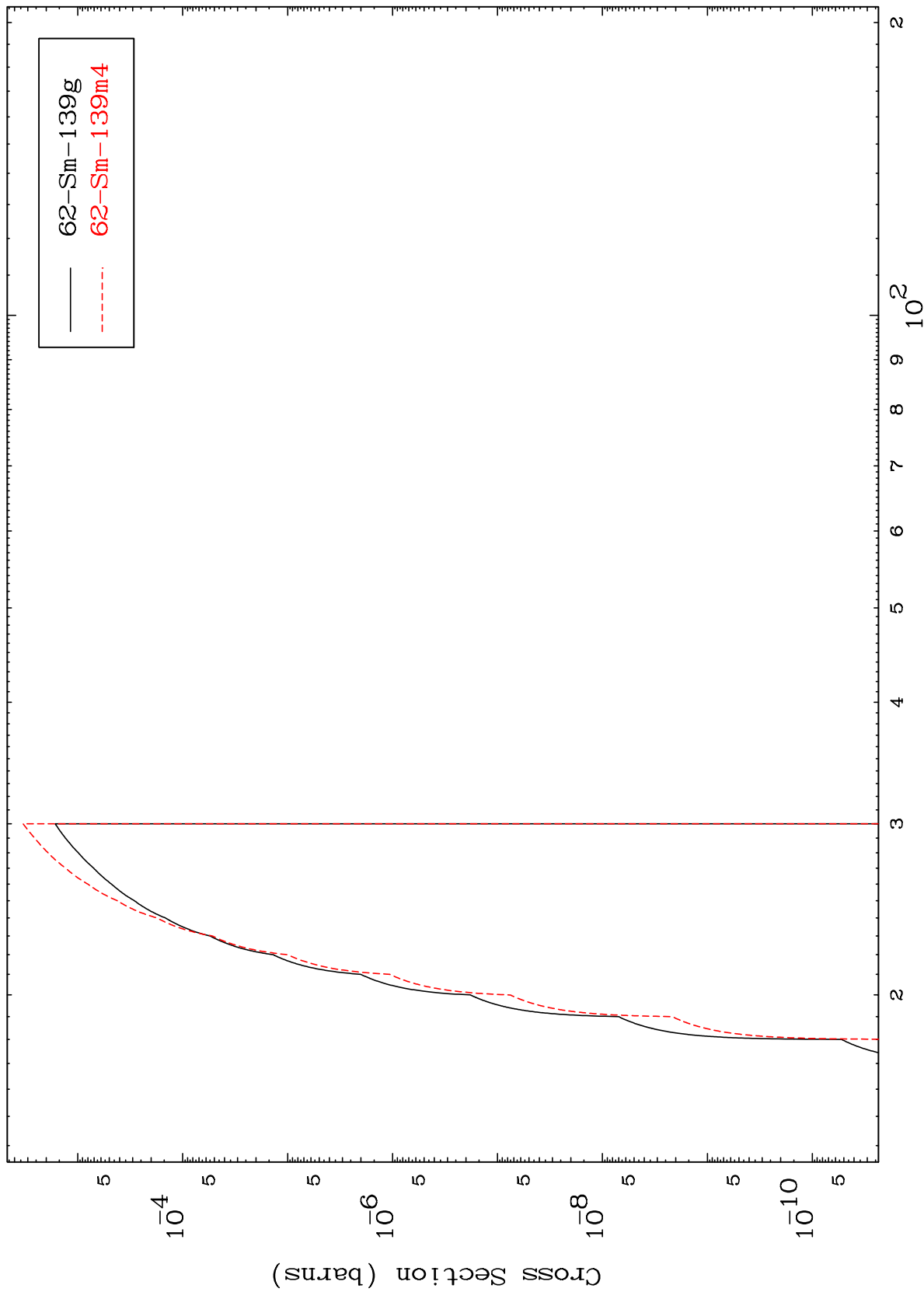
59-Pr-133g  
59-Pr-133m3

MAT 6298

(n,n') t

63-Eu-142

Radionuclide Production Cross Section



93

Incident Energy (MeV)

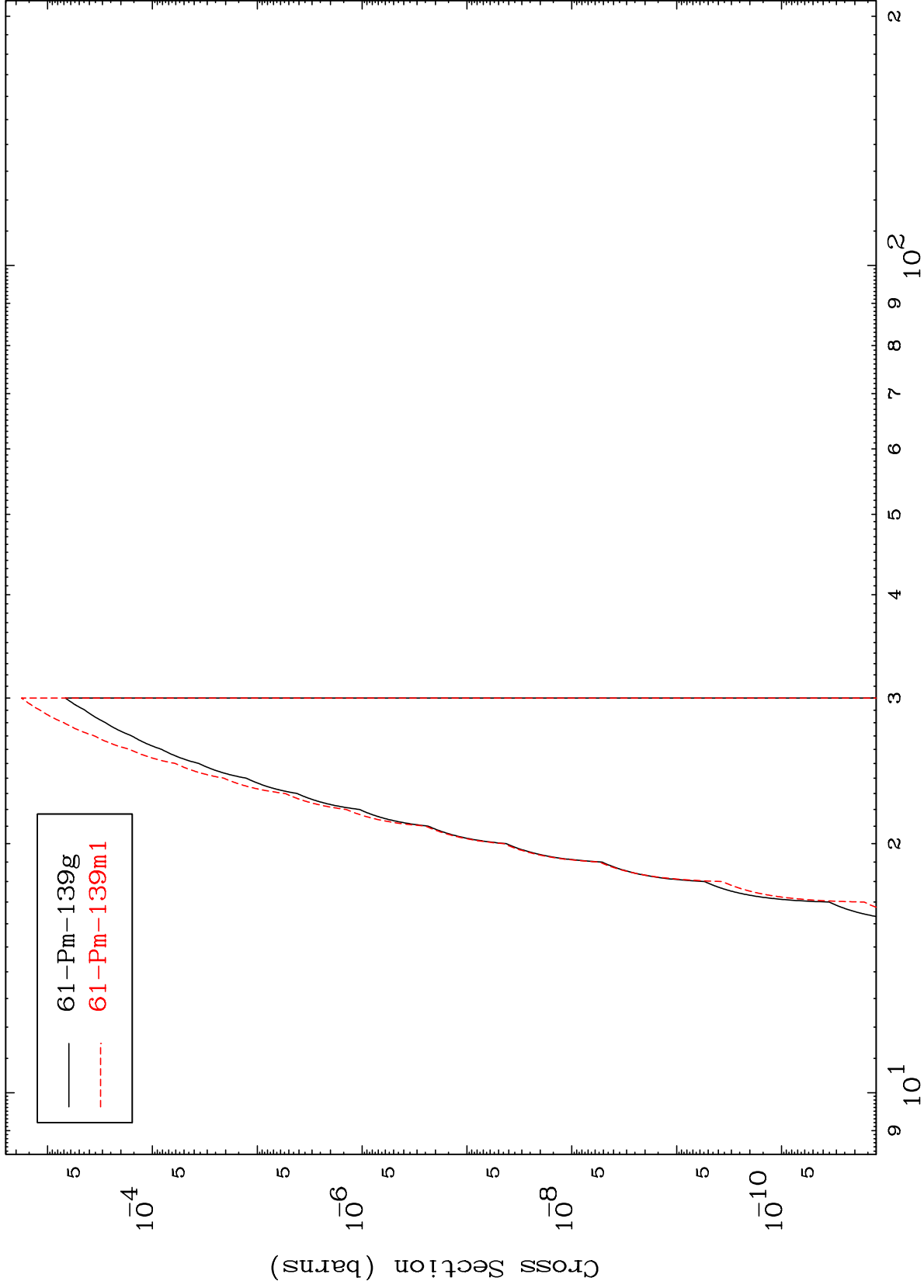
63-Eu-142

MAT 6298

(n,n') He-3

63-Eu-142

Radionuclide Production Cross Section



94

Incident Energy (MeV)

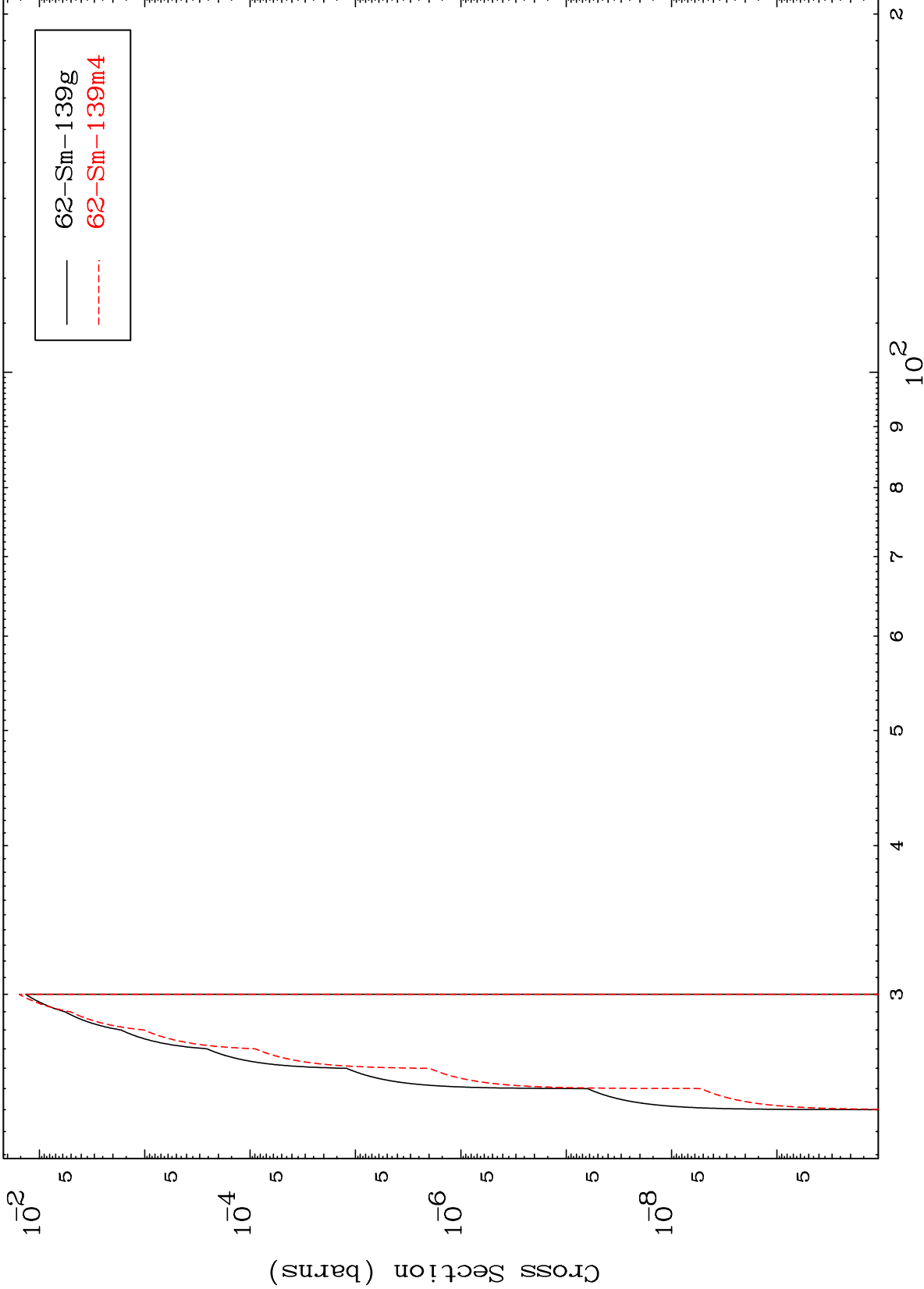
63-Eu-142

MAT 6298

(n,3n) p

63-Eu-142

Radionuclide Production Cross Section



62-Sm-139g  
62-Sm-139m4

95

Incident Energy (MeV)

63-Eu-142

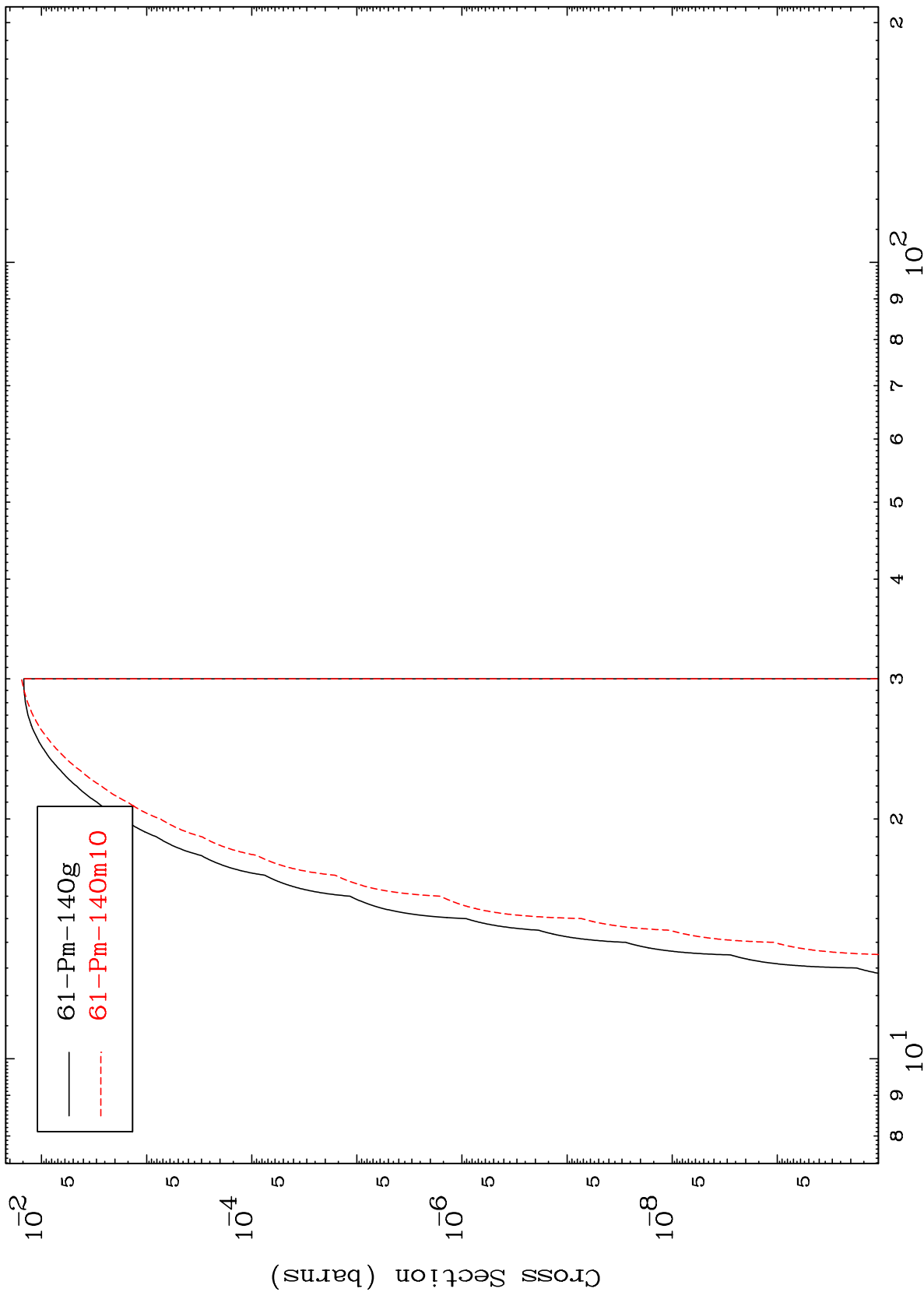


MAT 6298

(n,2n) p

63-Eu-142

Radionuclide Production Cross Section



96

Incident Energy (MeV)

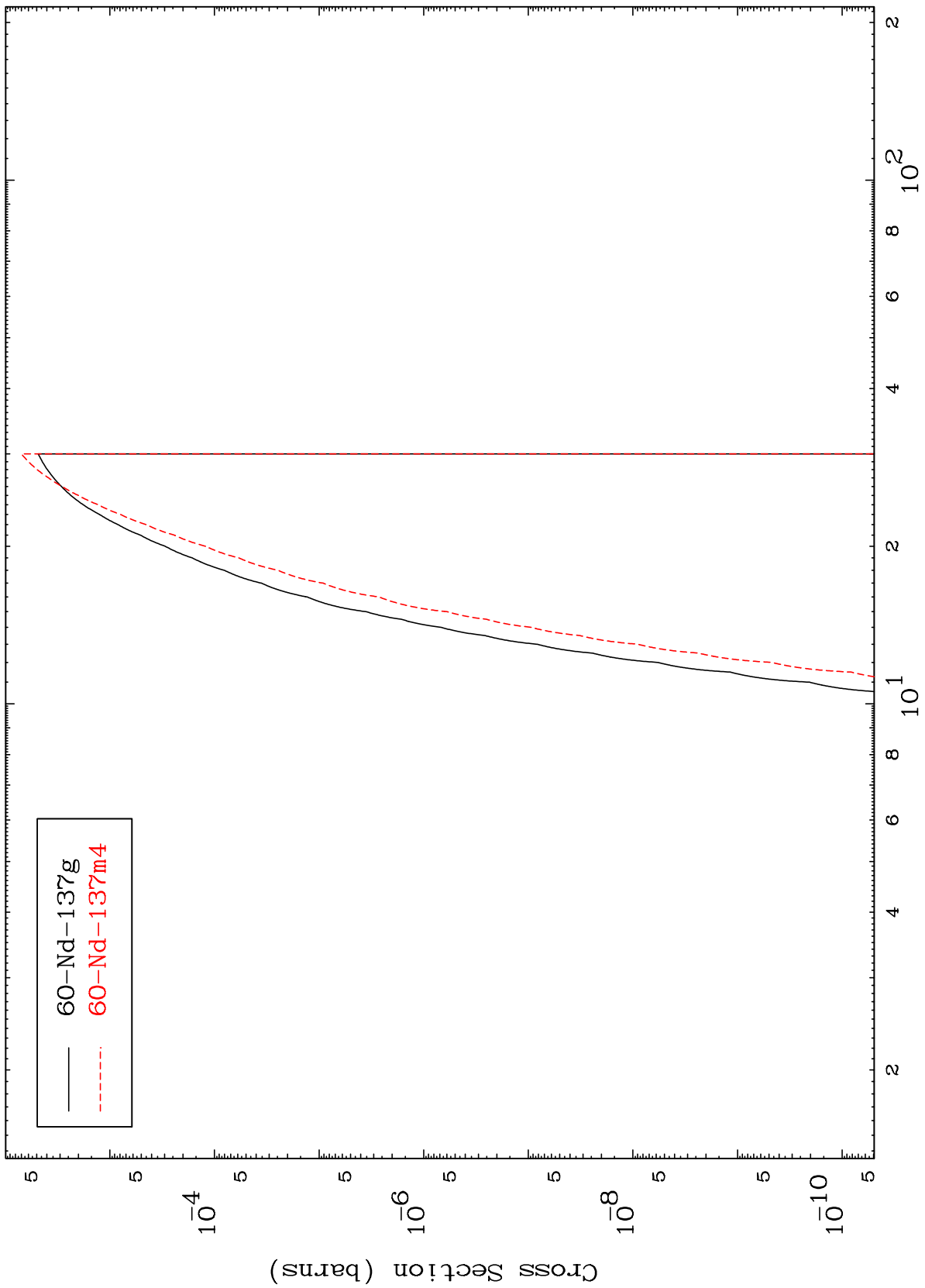
63-Eu-142

MAT 6298

(n,n') p  $\alpha$

63-Eu-142

Radionuclide Production Cross Section



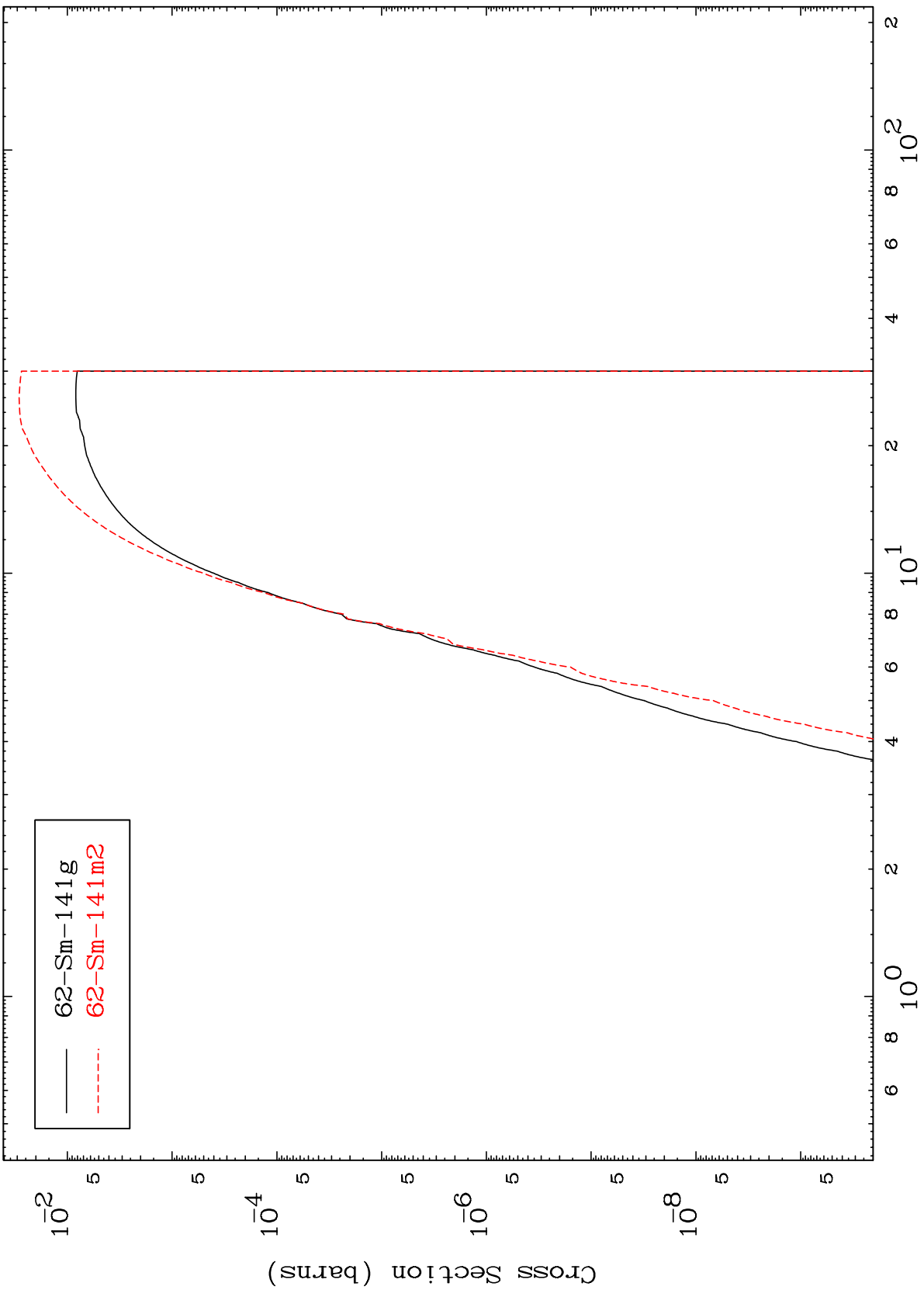
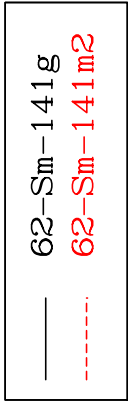
60-Nd-137g  
60-Nd-137m4

MAT 6298

(n,d)

63-Eu-142

Radionuclide Production Cross Section



98

Incident Energy (MeV)

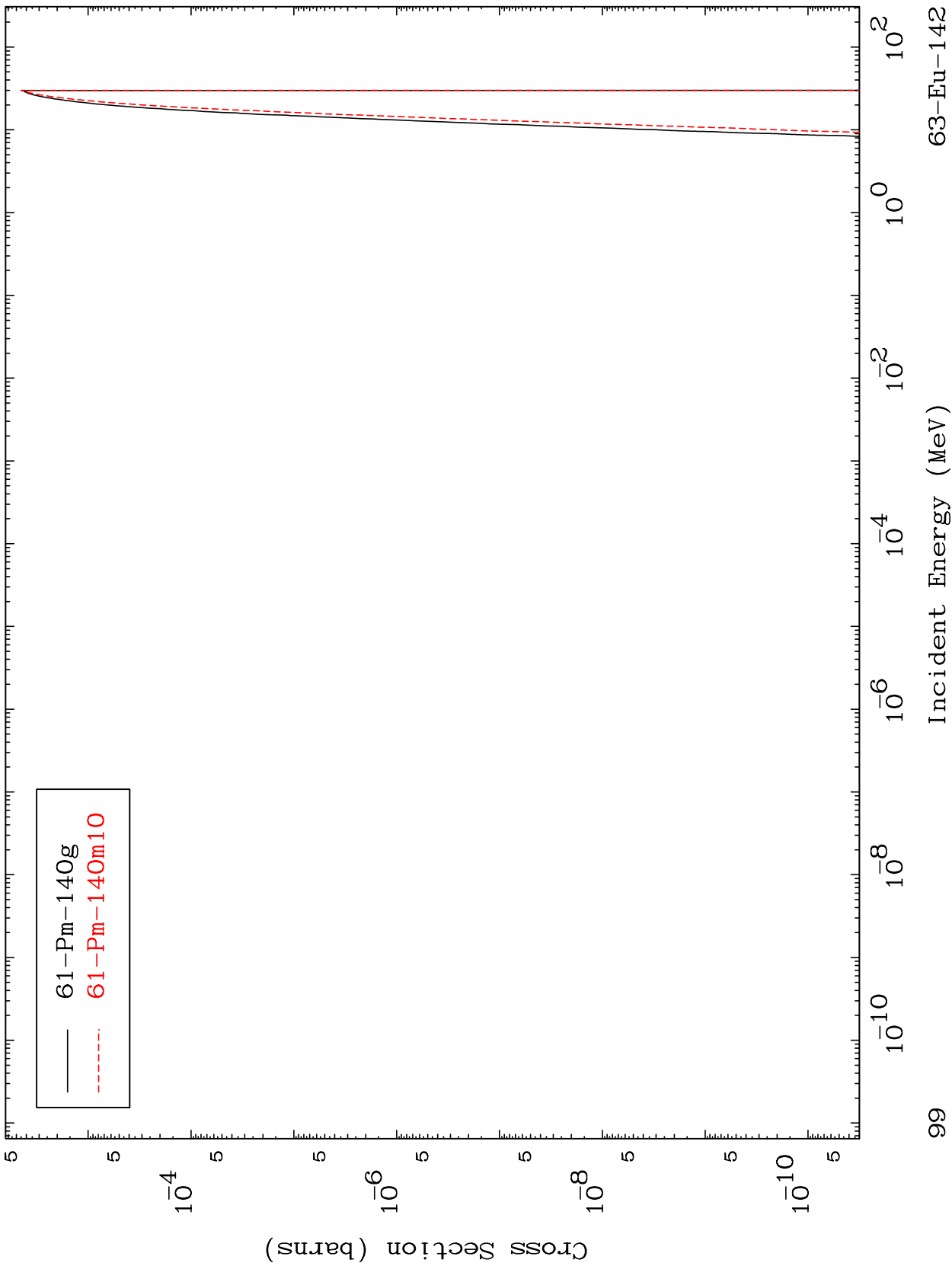
63-Eu-142

MAT 6298

(n,He-3)

63-Eu-142

Radionuclide Production Cross Section



99

Incident Energy (MeV)

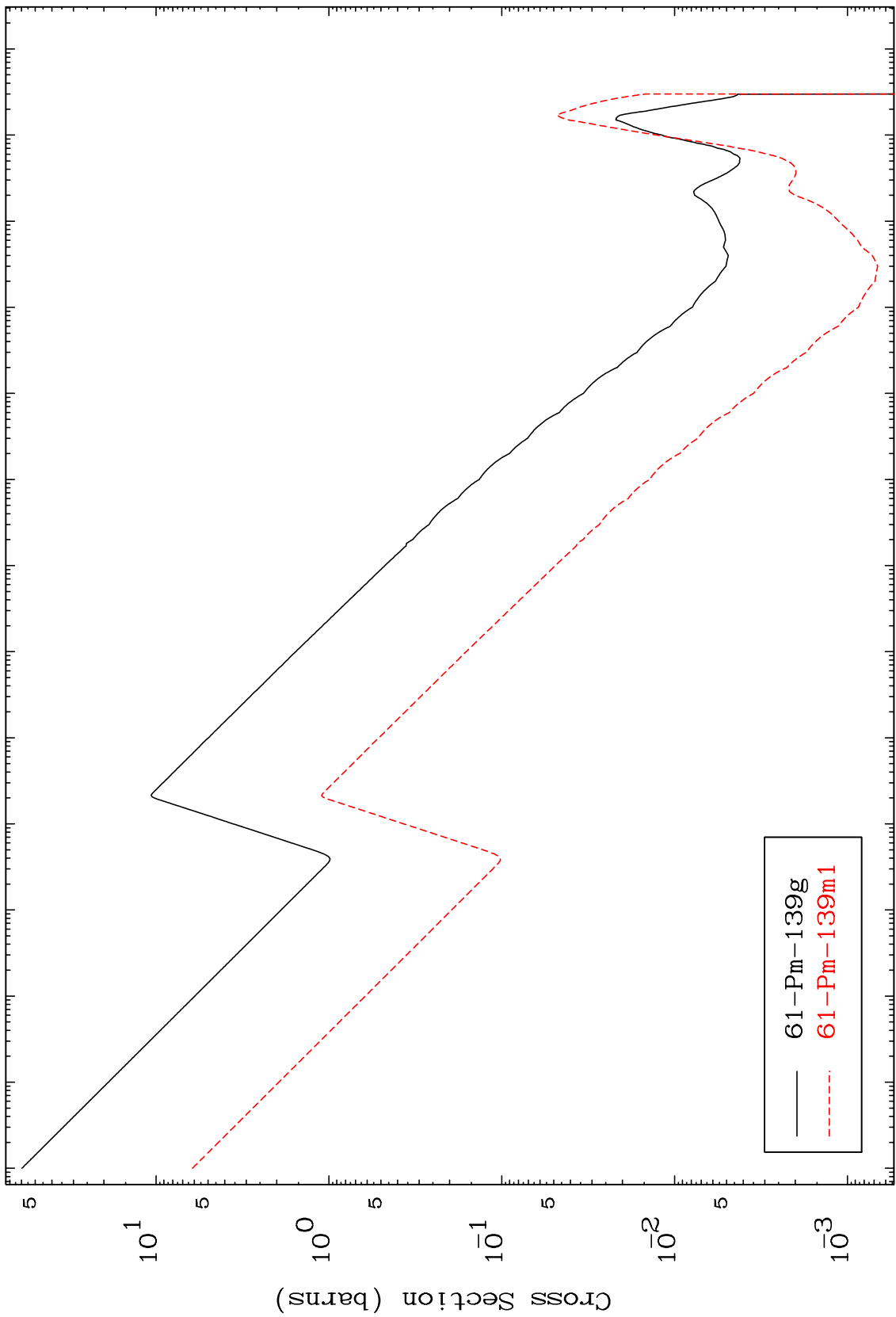
63-Eu-142

MAT 6298

63-Eu-142

Radionuclide Production Cross Section

(n,  $\alpha$ )



— 61-Pm-139g  
- - - 61-Pm-139m1

63-Eu-142

Incident Energy (MeV)

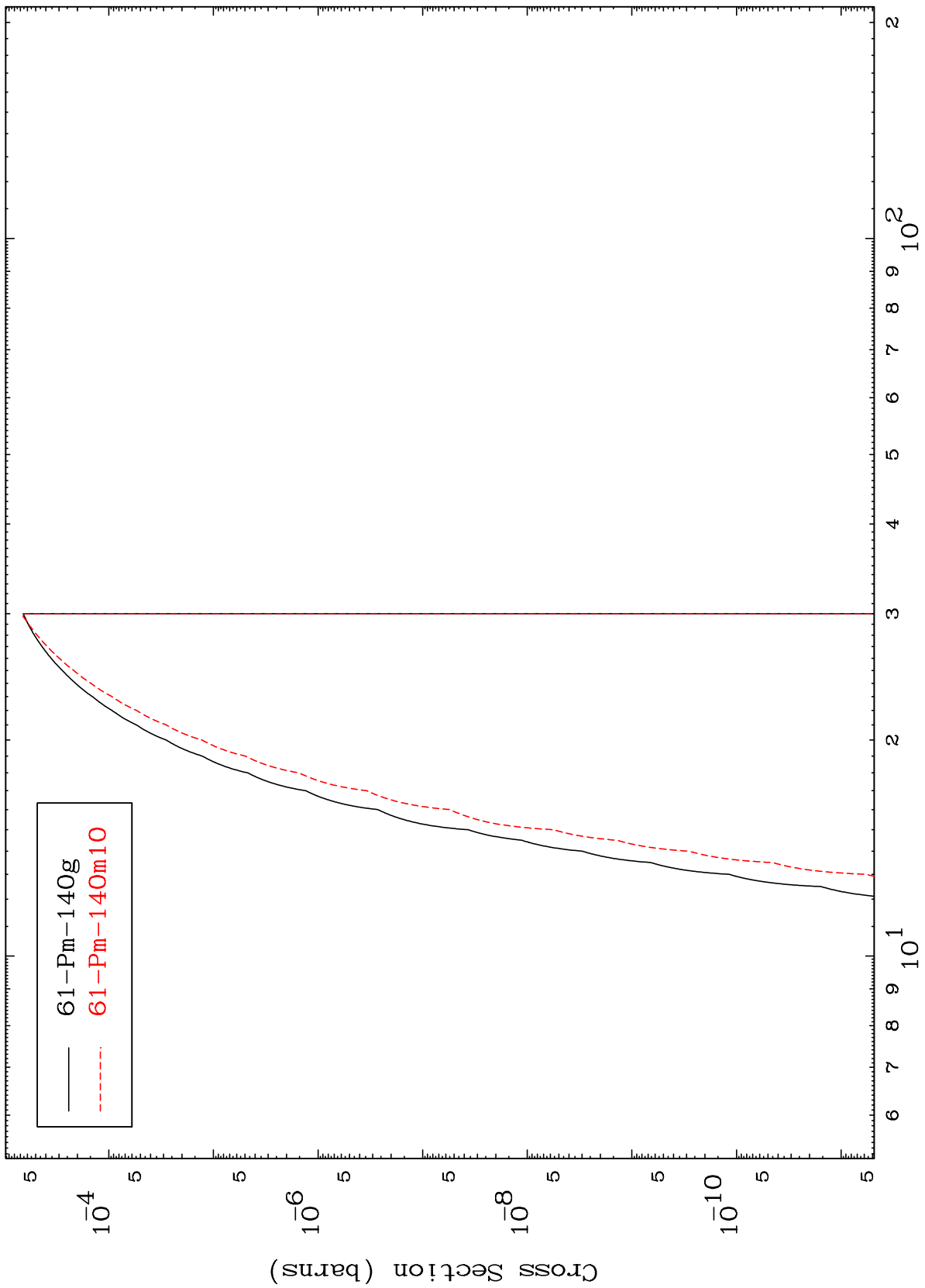
100

MAT 6298

(n,p) d

63-Eu-142

Radionuclide Production Cross Section



101

Incident Energy (MeV)

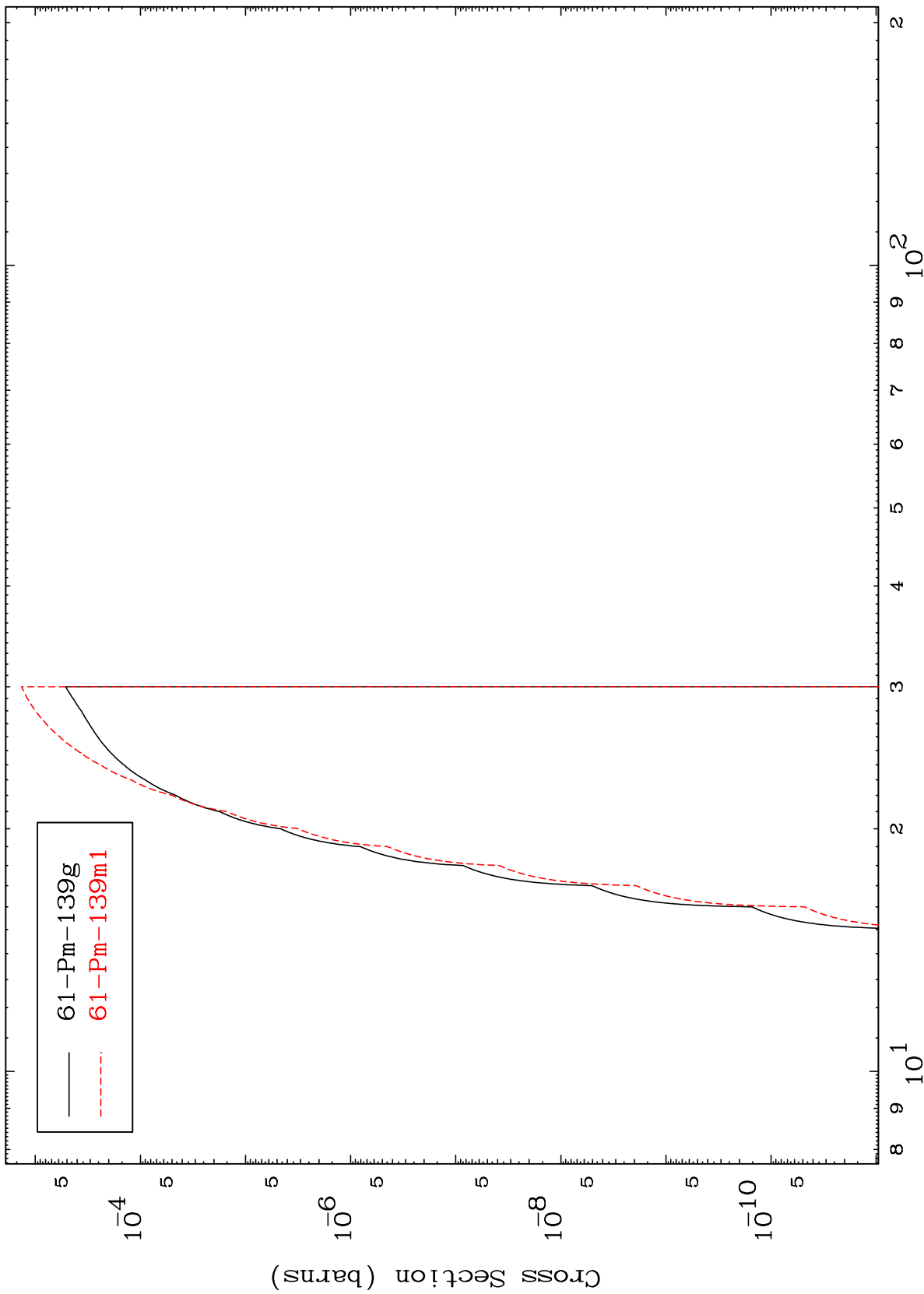
63-Eu-142

MAT 6298

(n,p) t

63-Eu-142

Radionuclide Production Cross Section



102

Incident Energy (MeV)

63-Eu-142

MAT 6298

(n,d)  $\alpha$

63-Eu-142

Radionuclide Production Cross Section

