

Program EVALPLOT  
(Version 2015-2)

by

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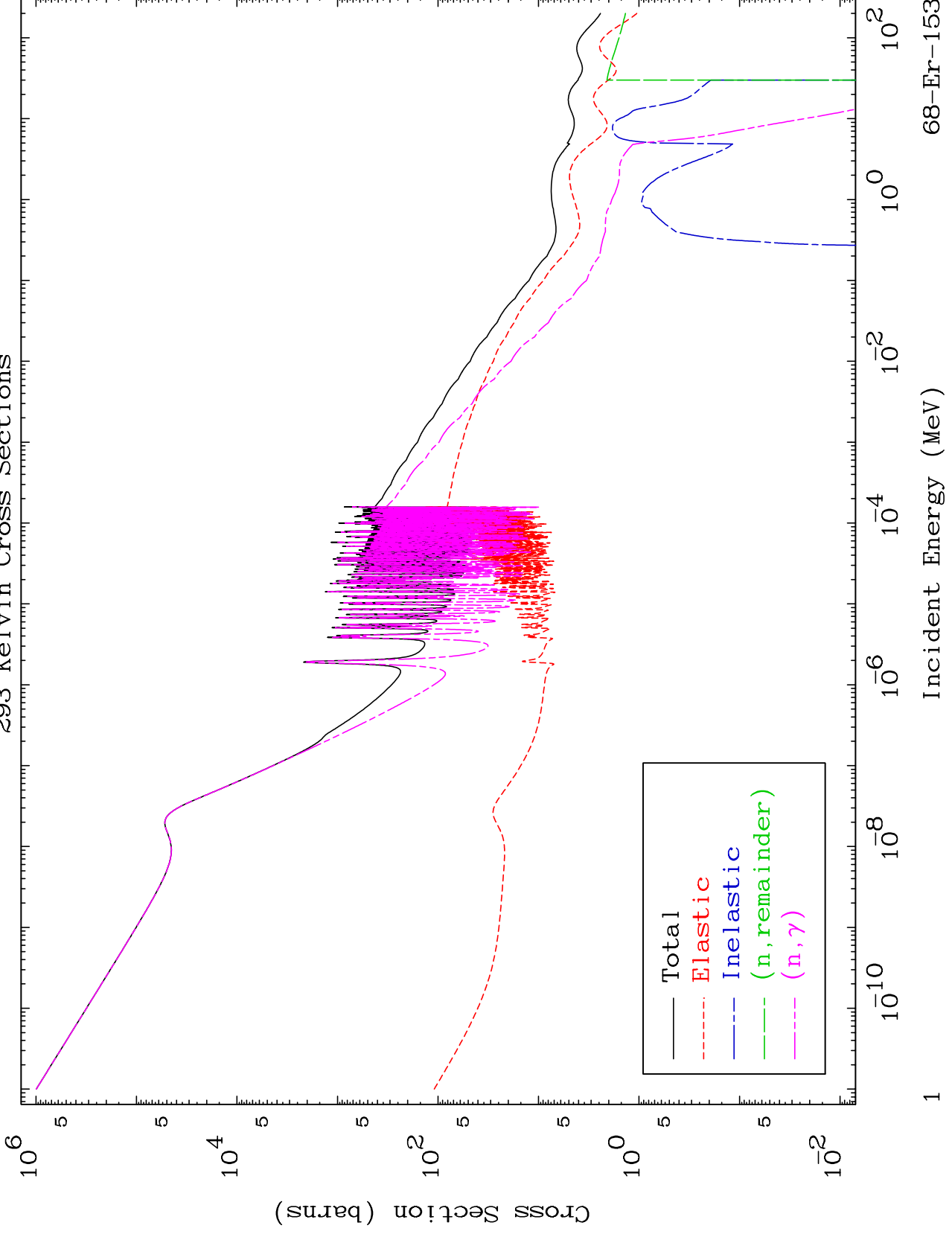
Press Mouse Button to Start

MAT 6798

Major

293 Kelvin Cross Sections

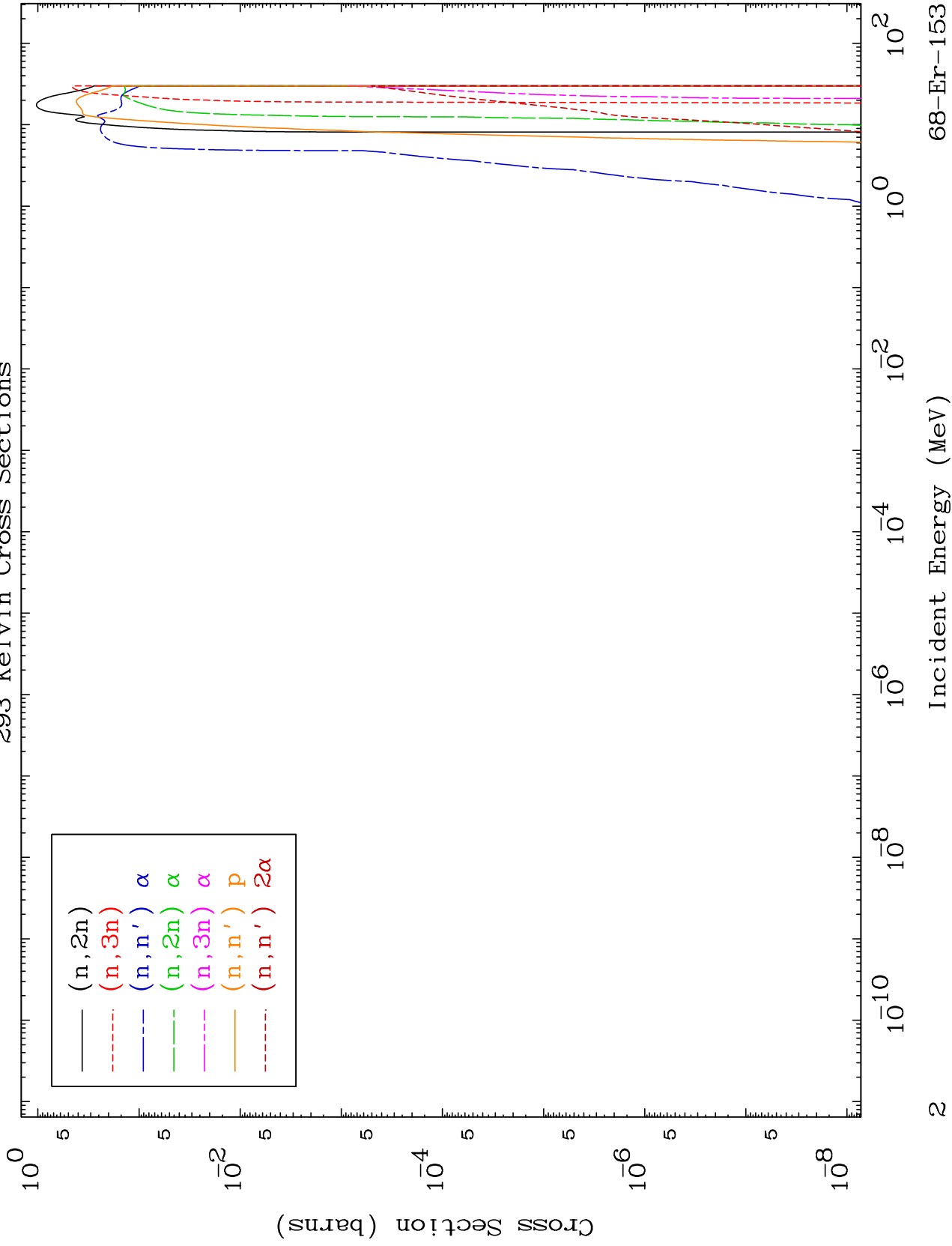
68-Er-153

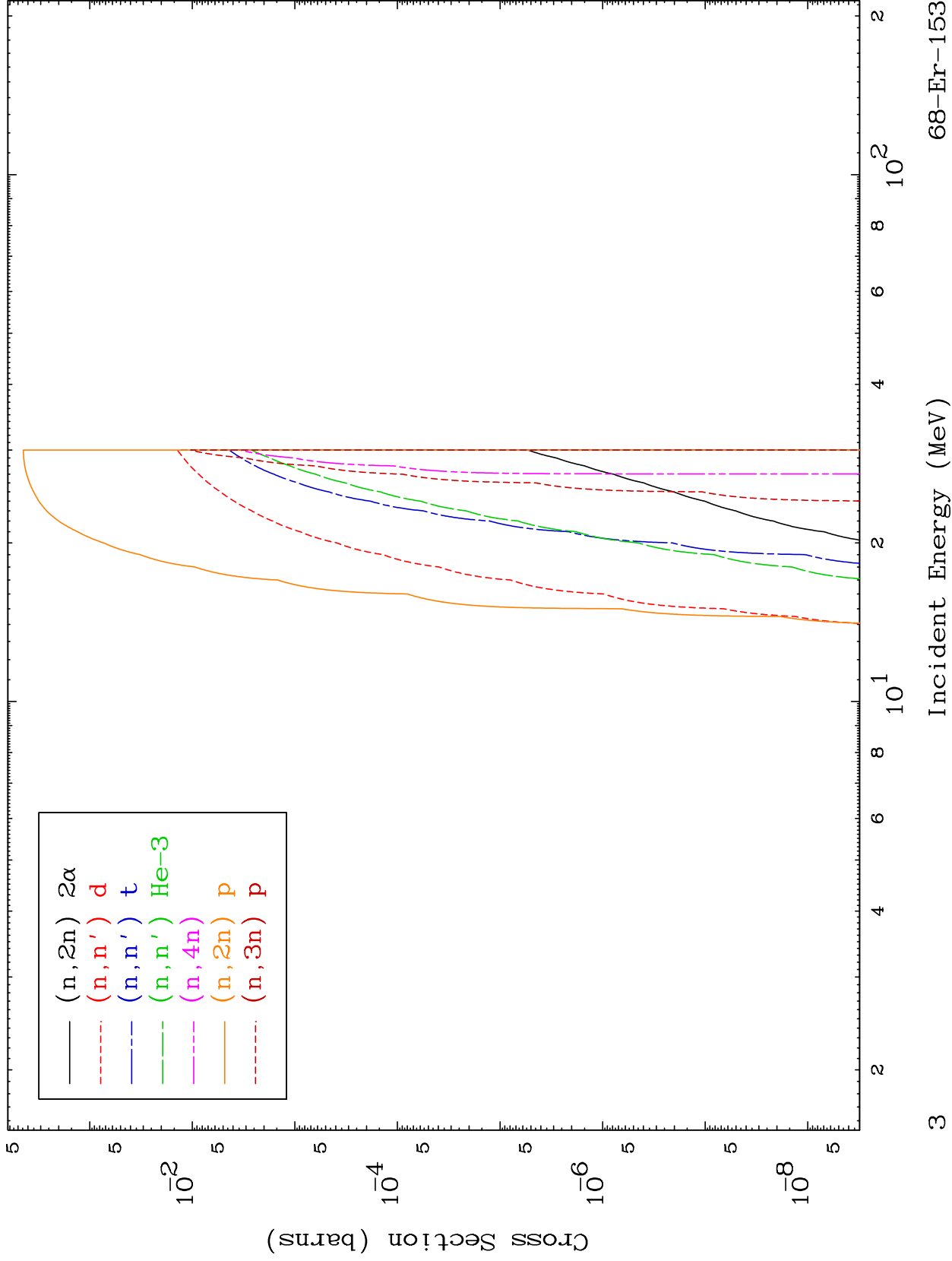


MAT 6798

Neutron Production  
293 Kelvin Cross Sections

68-Er-153

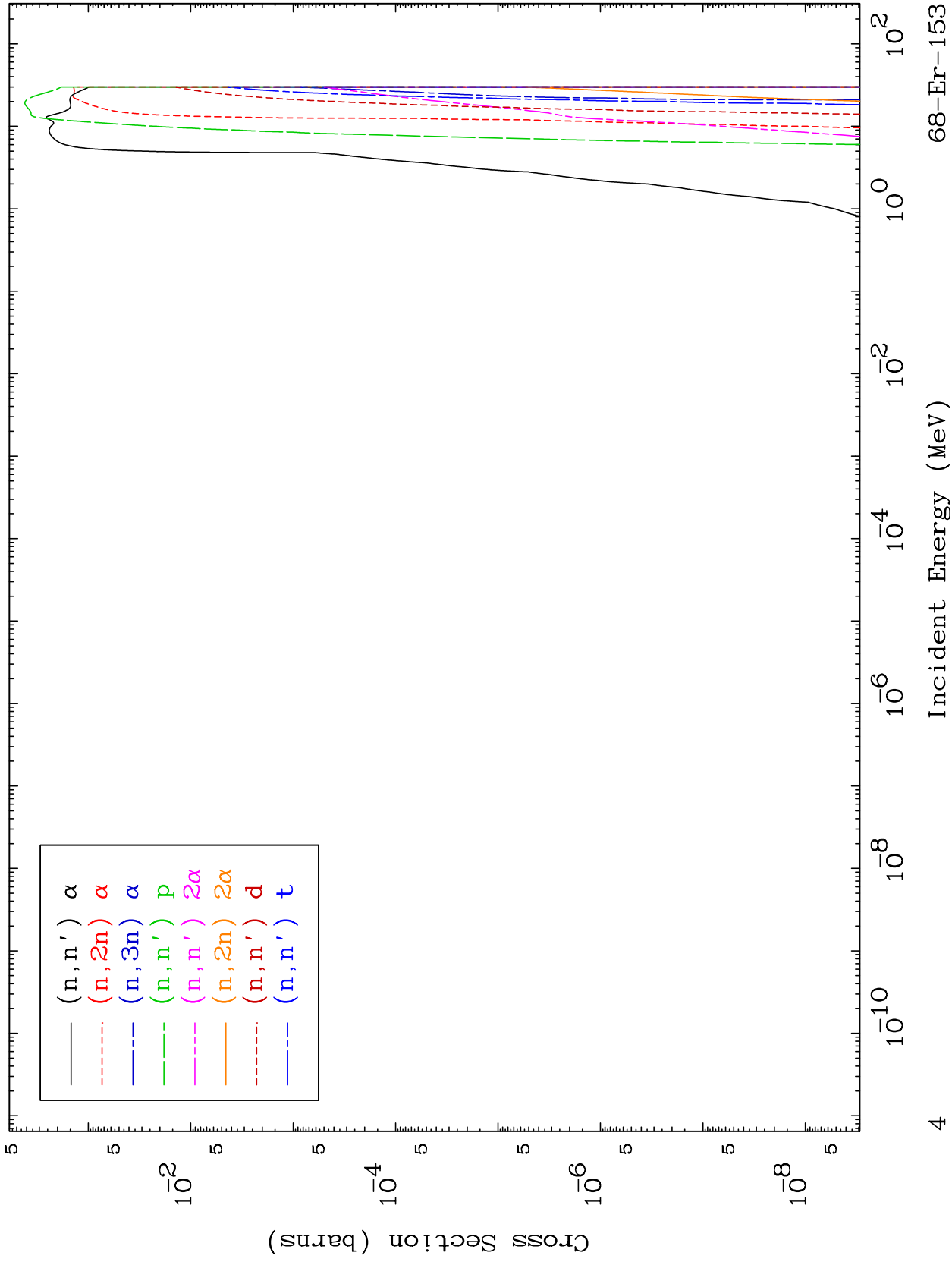


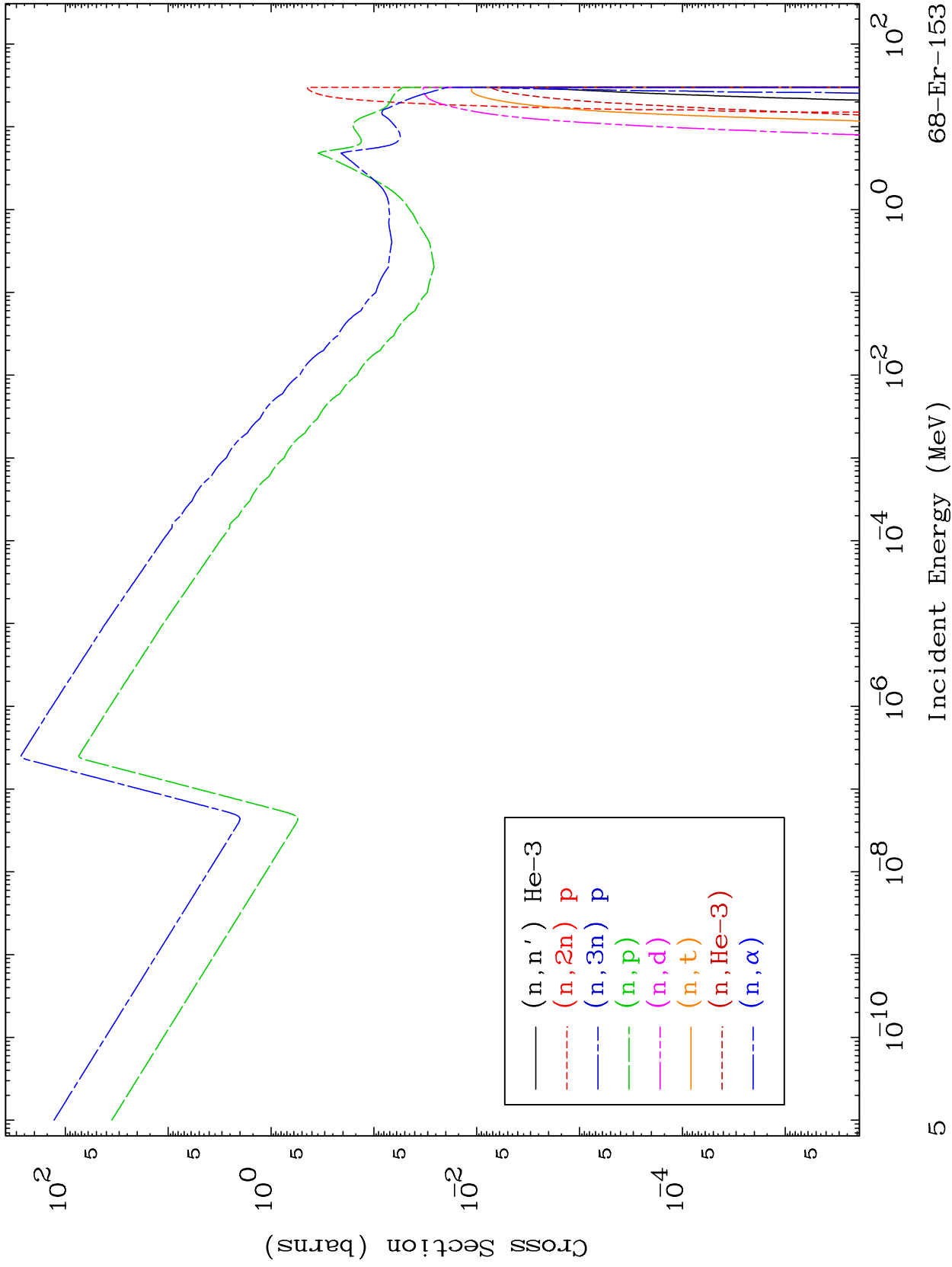


MAT 6798

Charged Particle  
293 Kelvin Cross Sections

68-Er-153

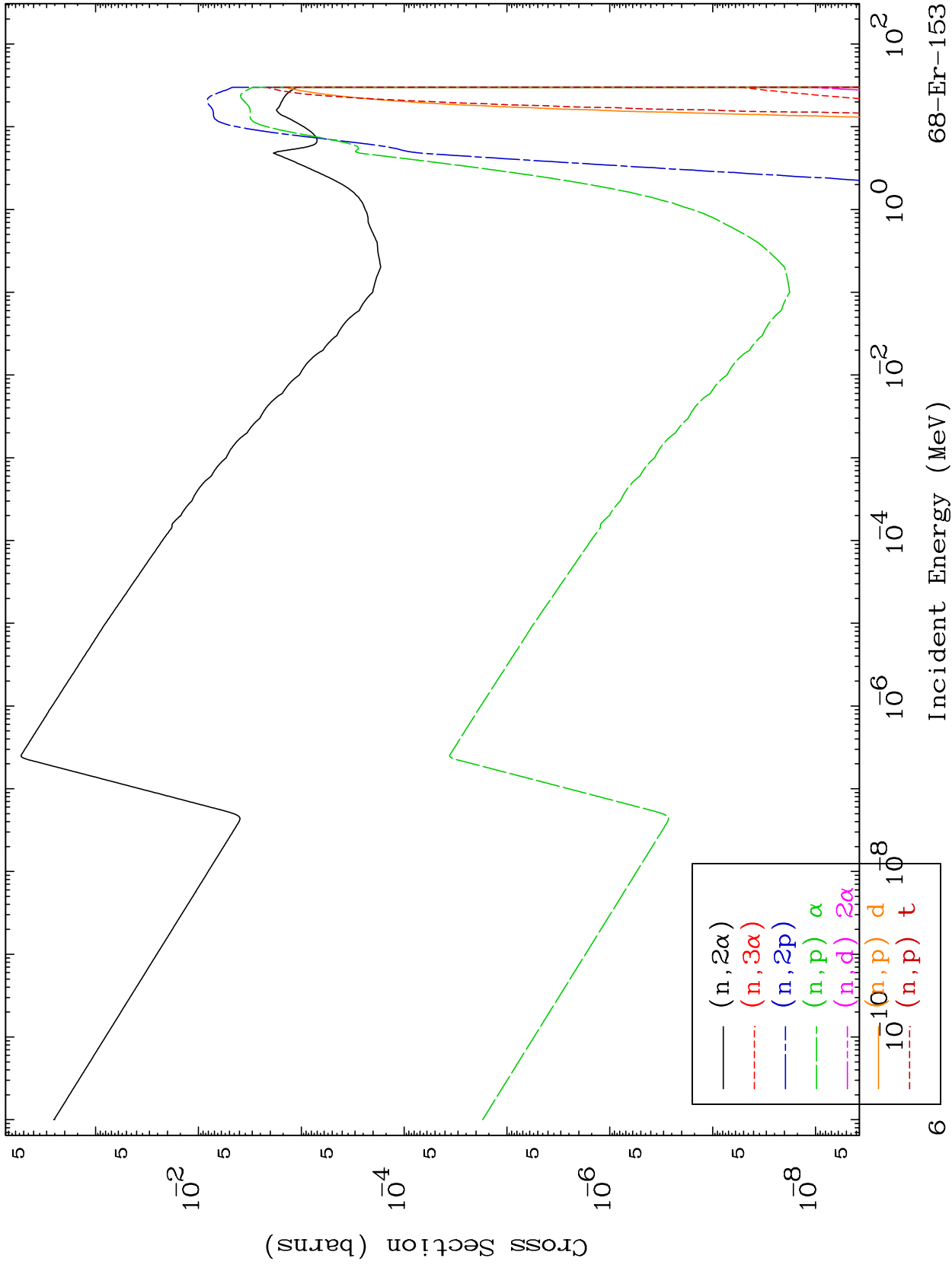




MAT 6798

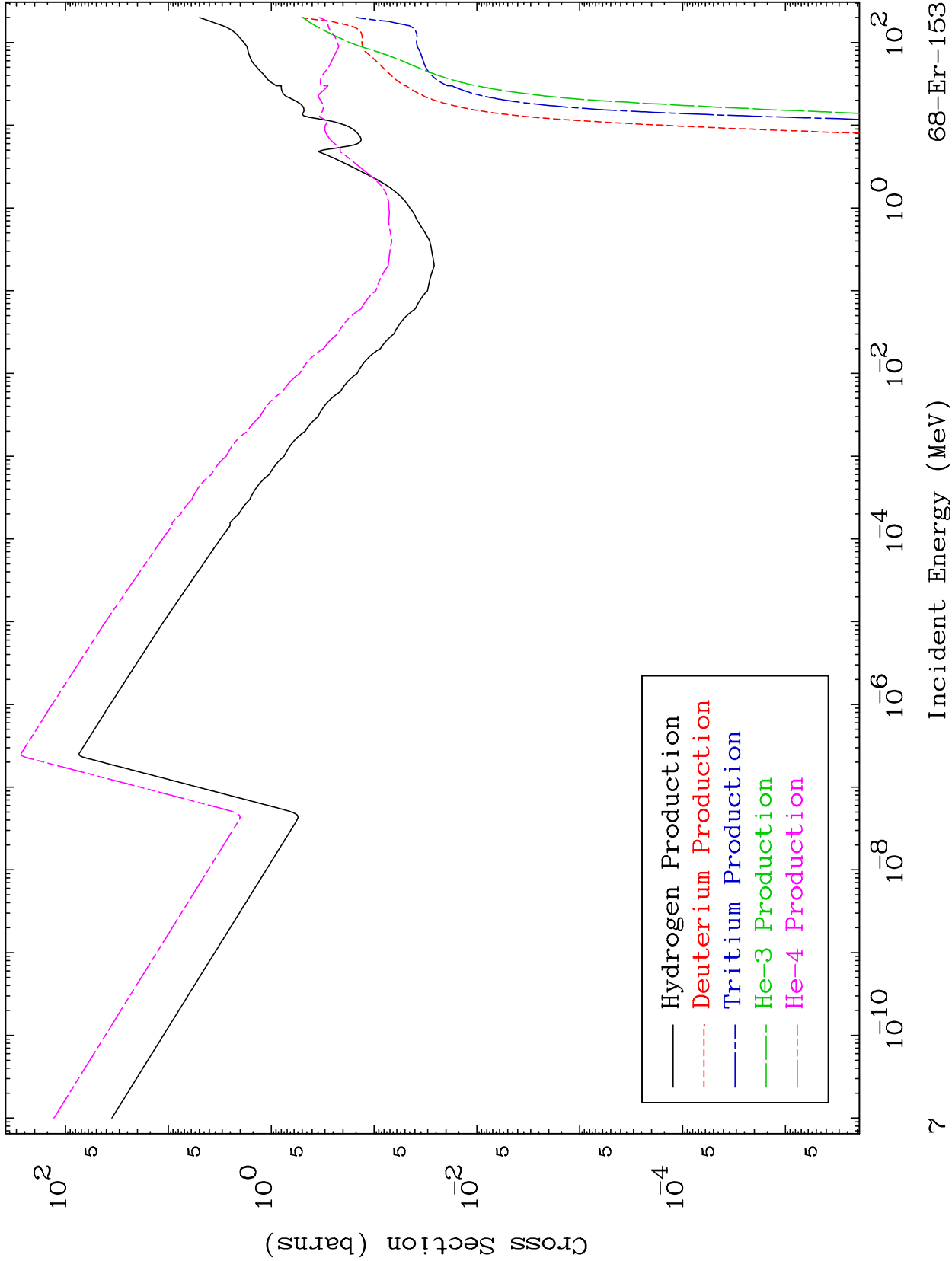
Charged Particle  
293 Kelvin Cross Sections

68-Er-153



68-Er-153

Incident Energy (MeV)

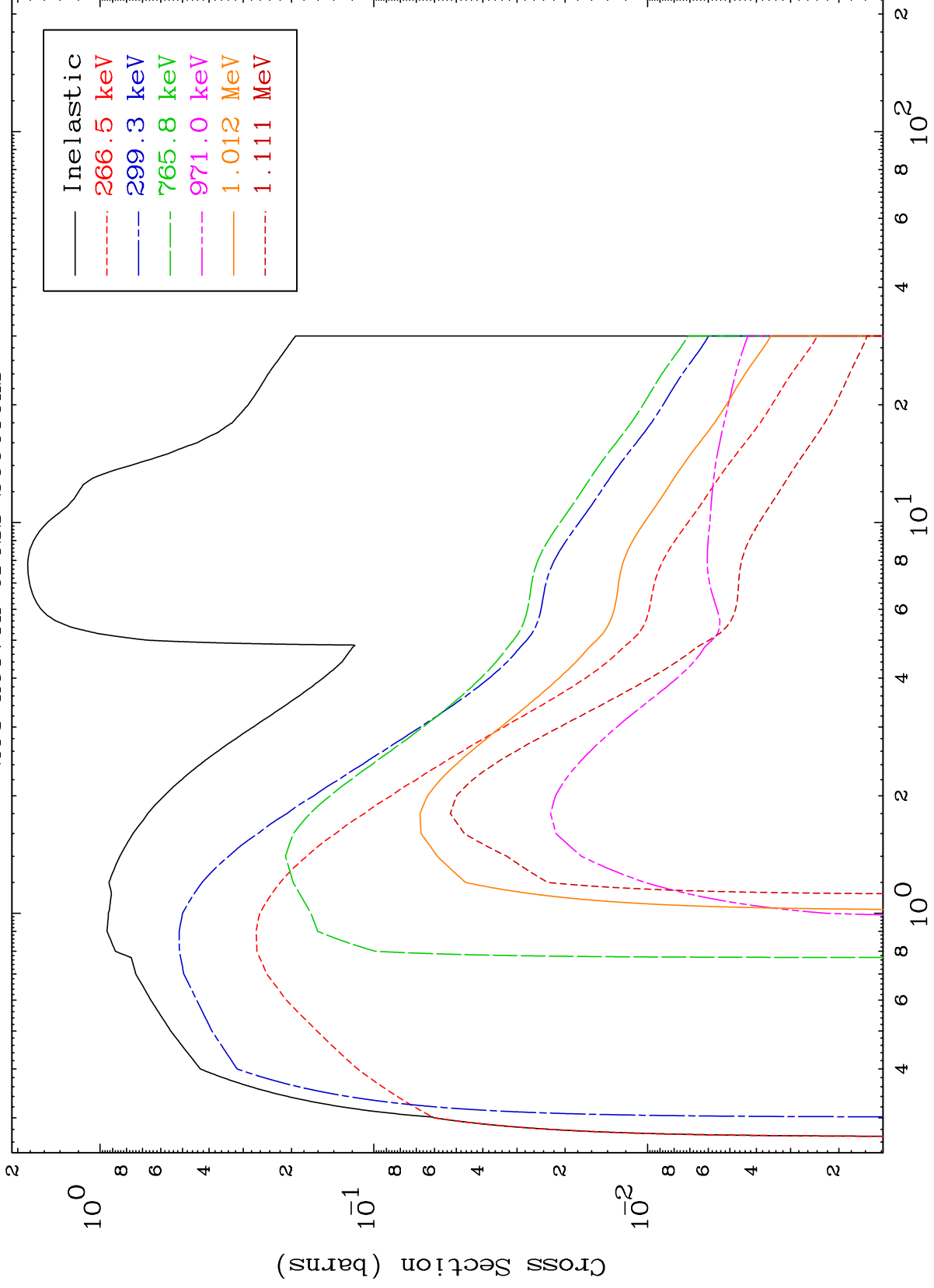




MAT 6798

(n,n') Level  
293 Kelvin Cross Sections

68-Er-153

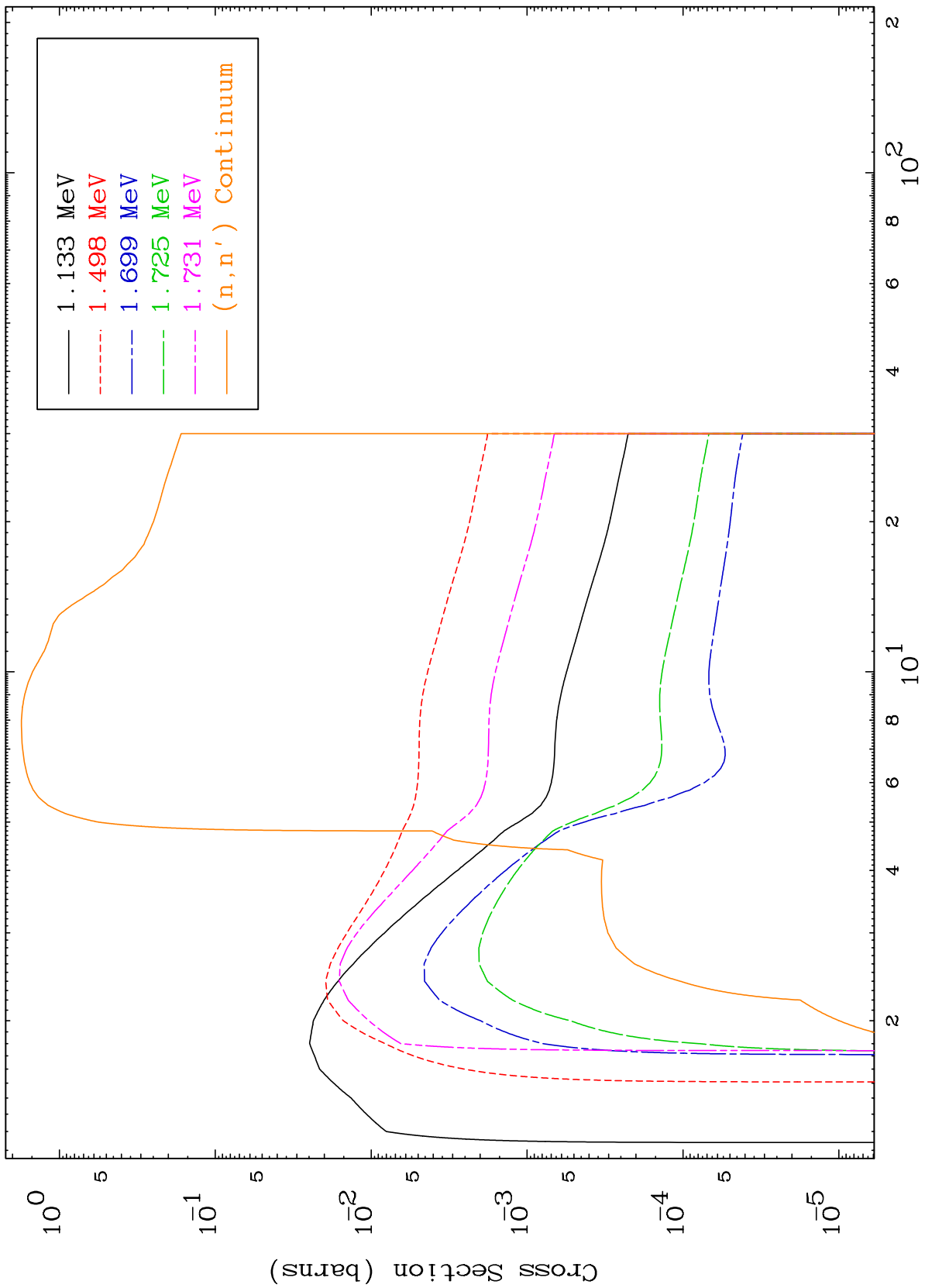


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Incident Energy (MeV)

68-Er-153

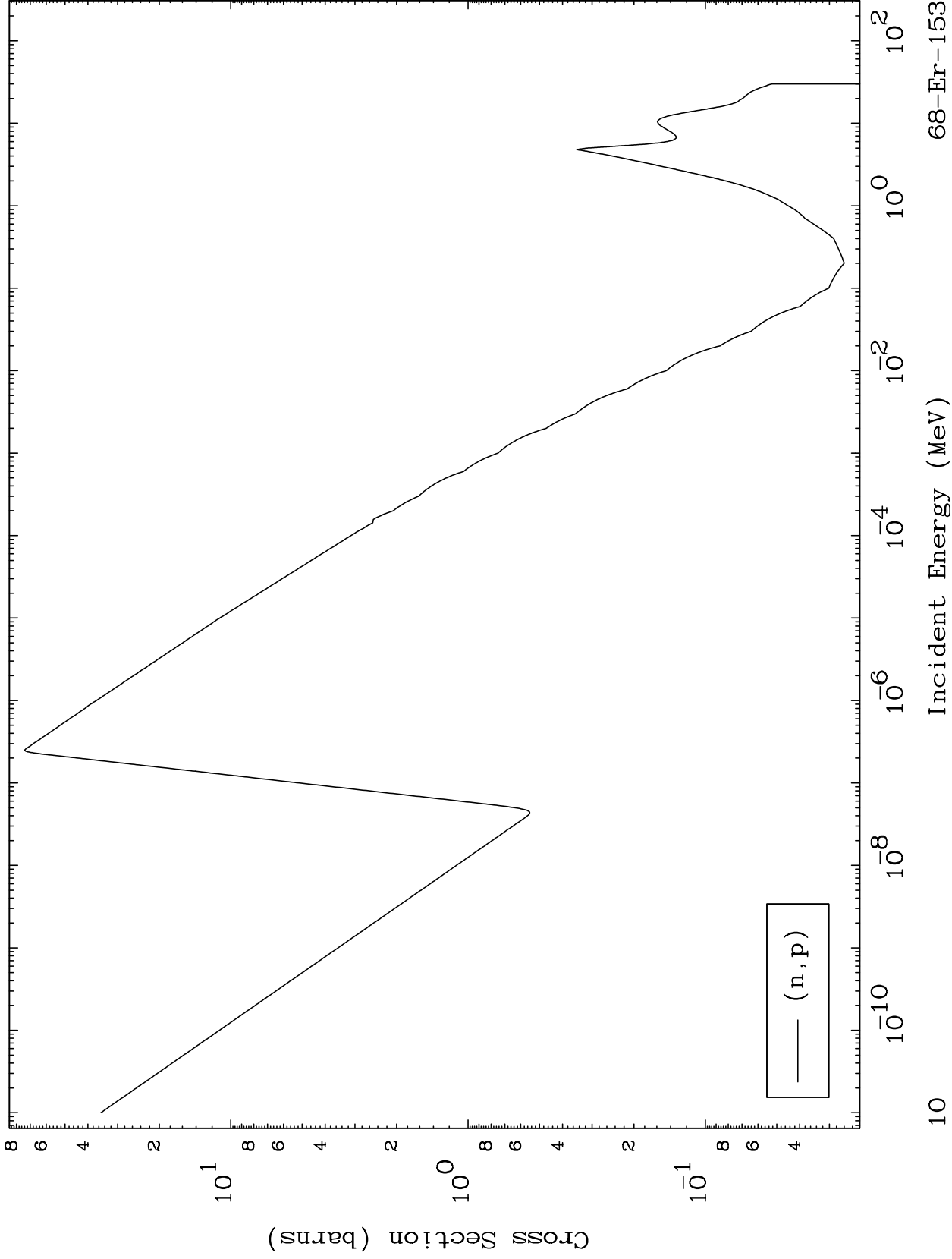
293 Kelvin Cross Sections



MAT 6798

(n,p) Levels  
293 Kelvin Cross Sections

68-Er-153



10

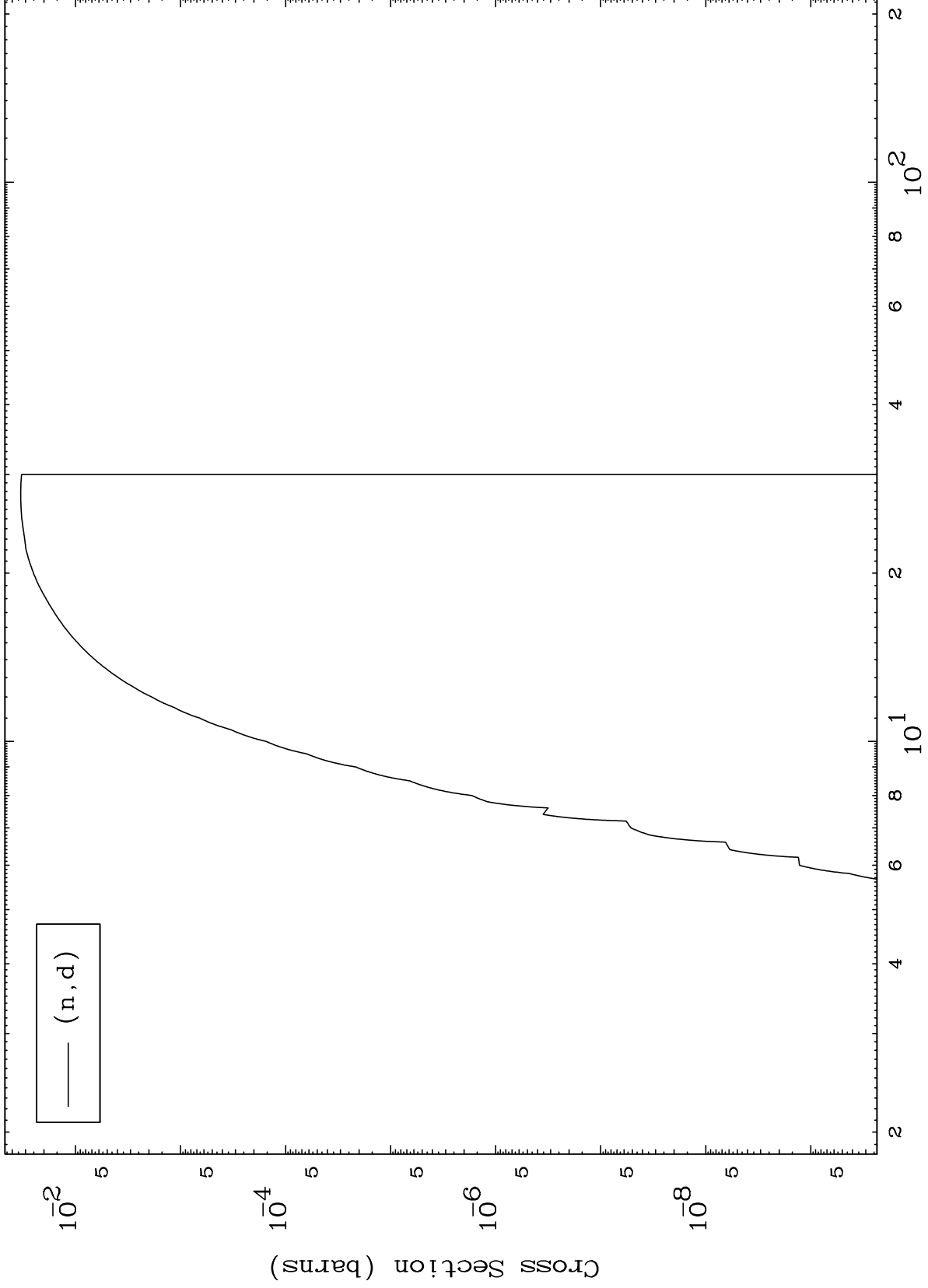
Incident Energy (MeV)

68-Er-153

MAT 6798

(n,d) Levels  
293 Kelvin Cross Sections

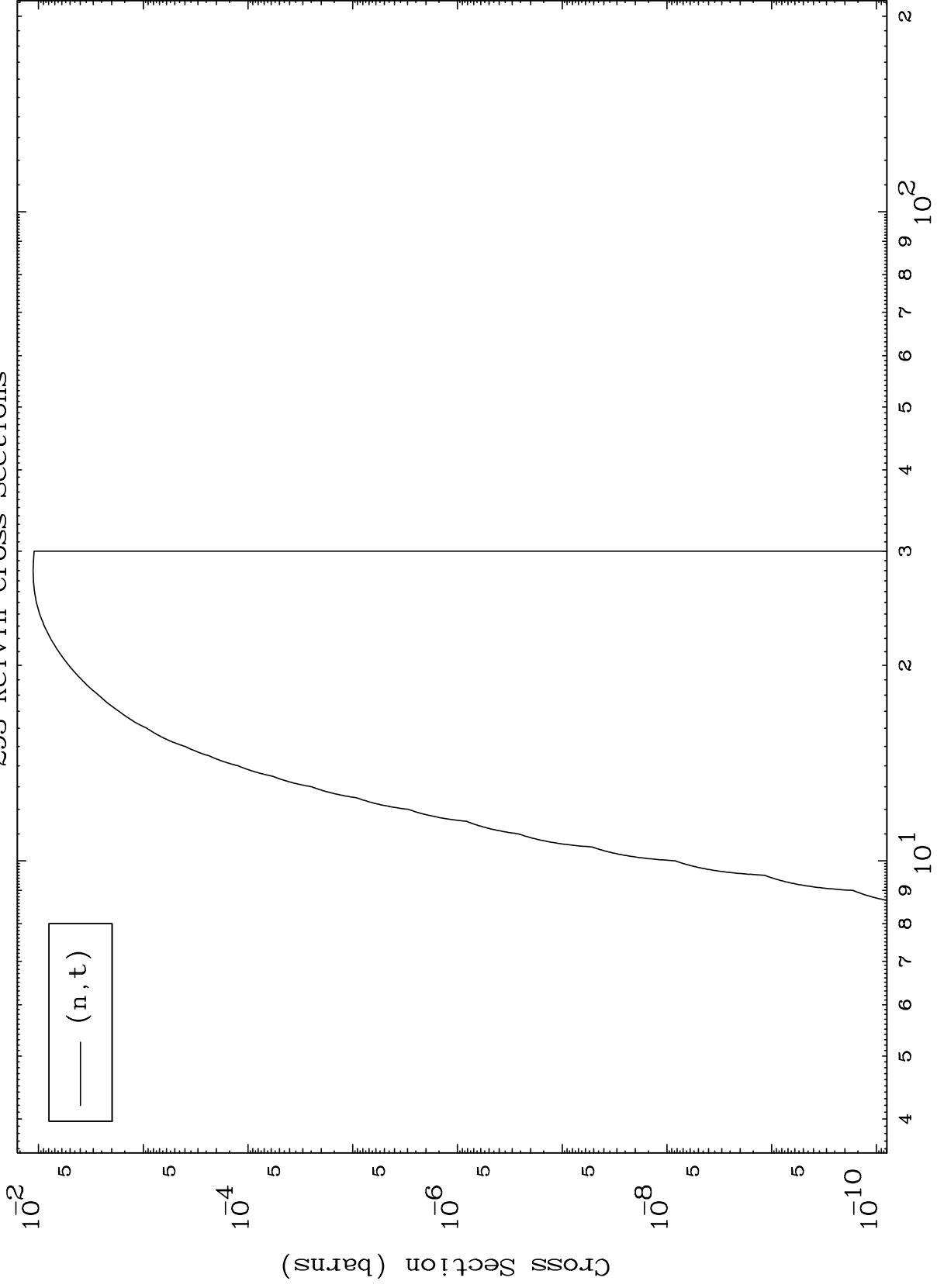
68-Er-153



MAT 6798

(n,t) Levels  
293 Kelvin Cross Sections

68-Er-153



12

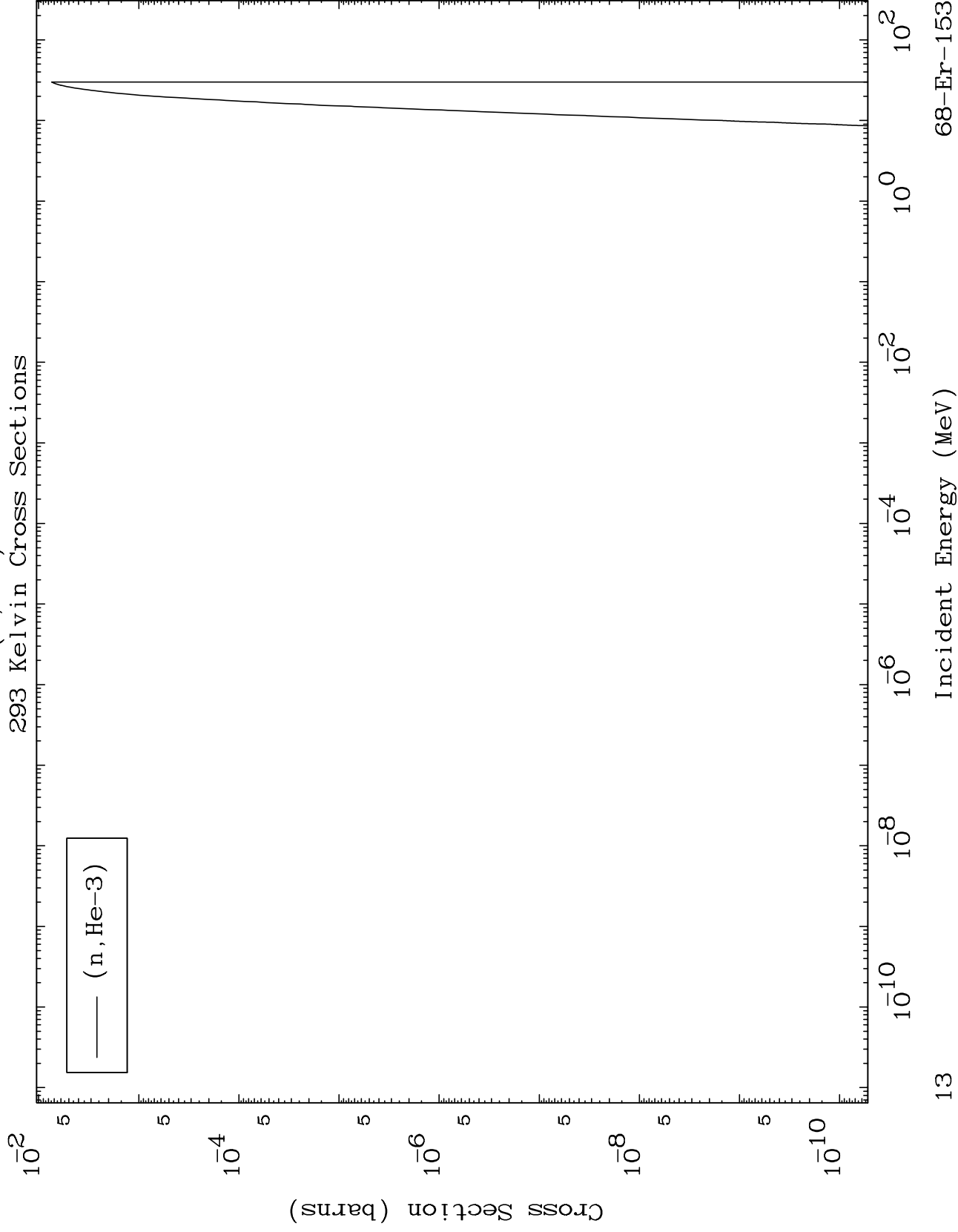
Incident Energy (MeV)

68-Er-153

MAT 6798

(n,He3) Levels  
293 Kelvin Cross Sections

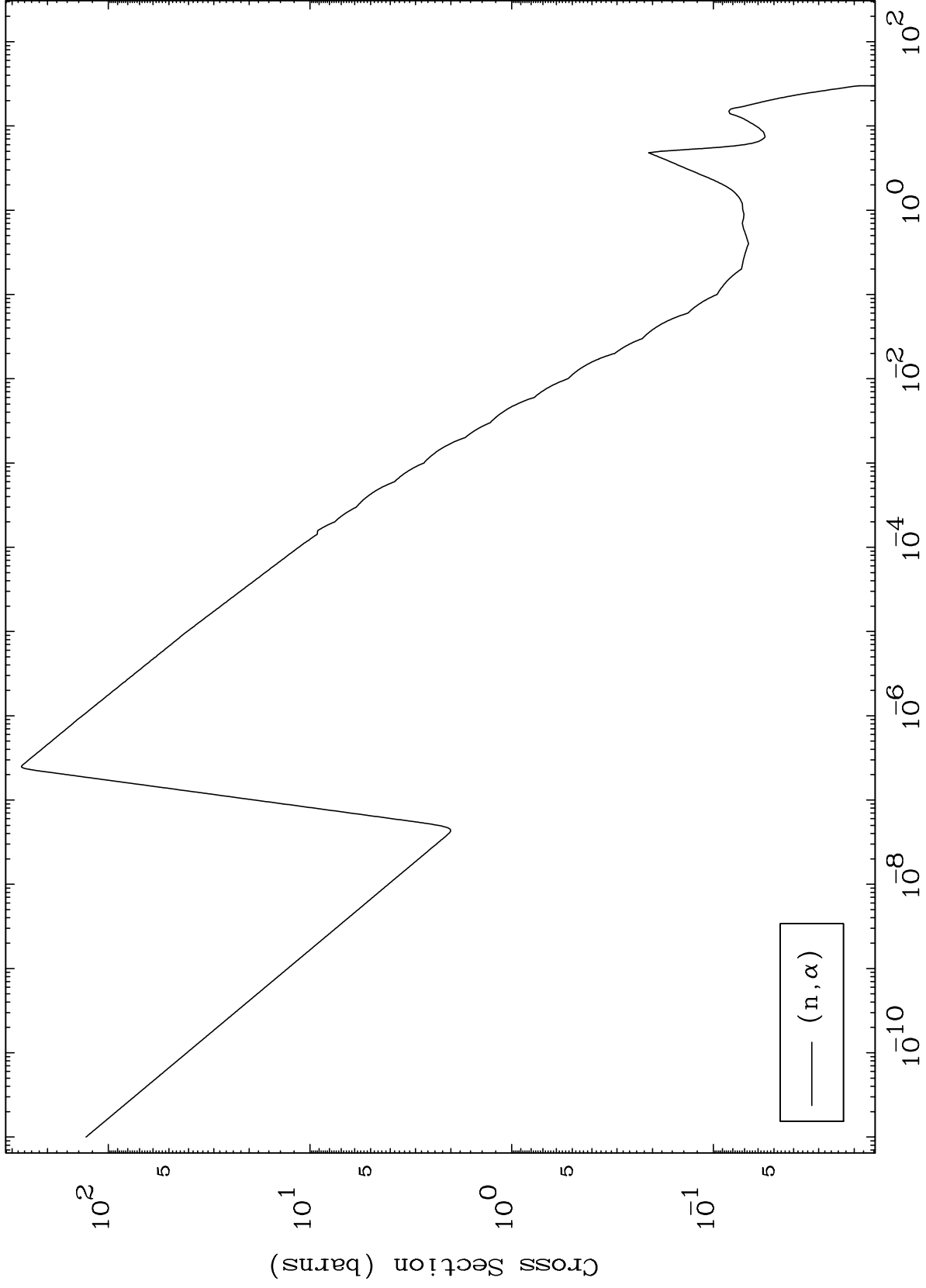
68-Er-153



MAT 6798

(n,α) Levels  
293 Kelvin Cross Sections

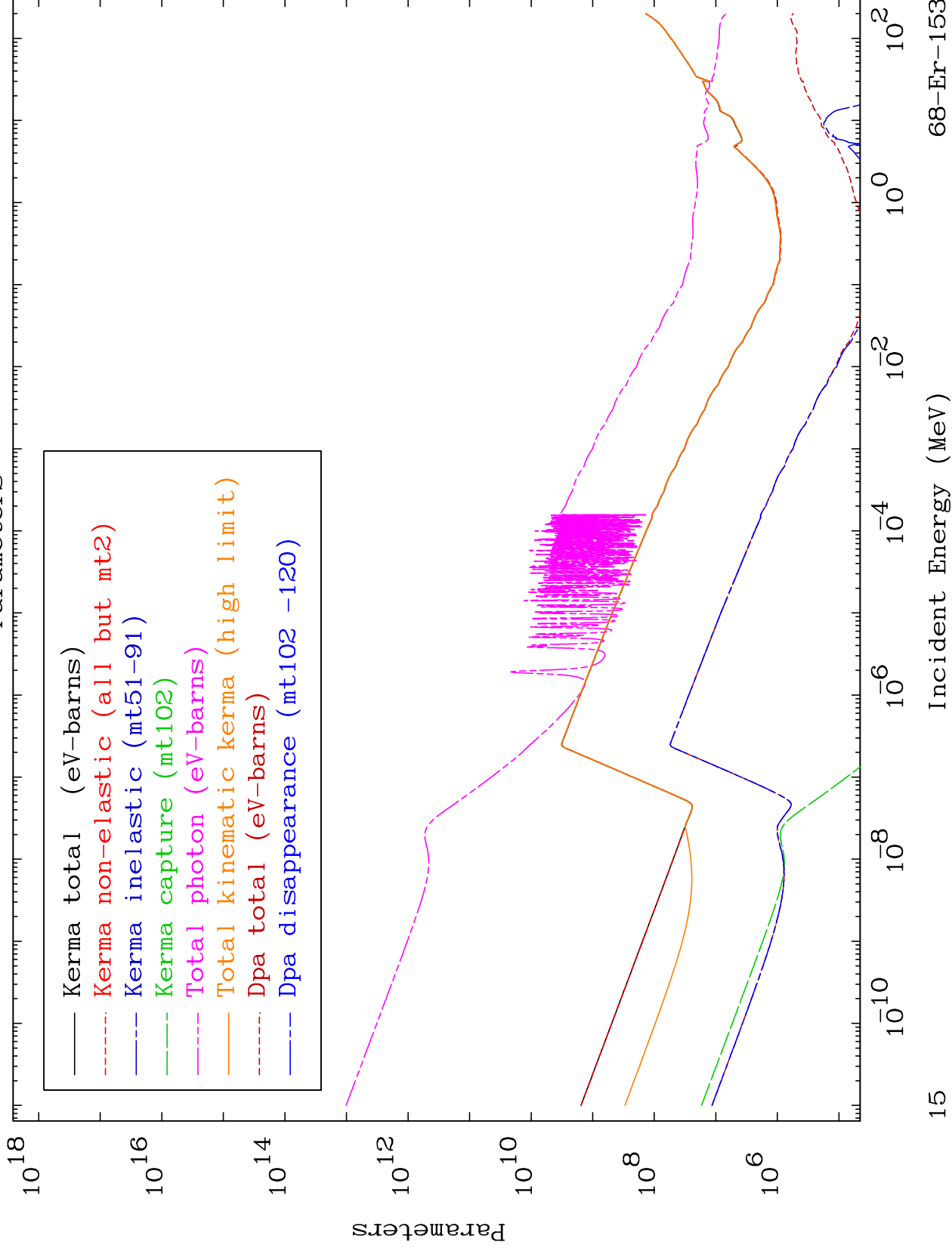
68-Er-153



14

Incident Energy (MeV)

68-Er-153

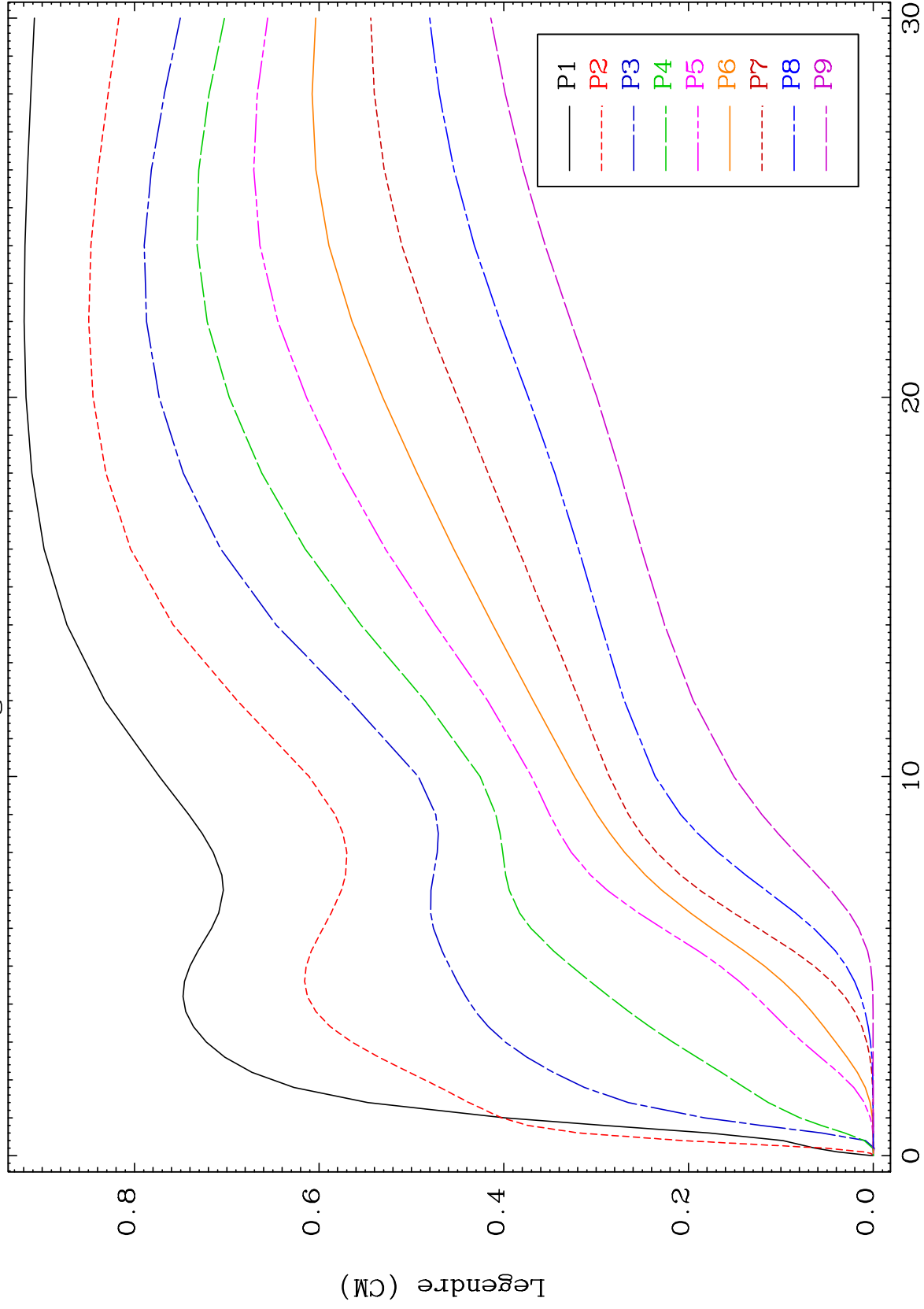




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Elastic Legendre Coefficients

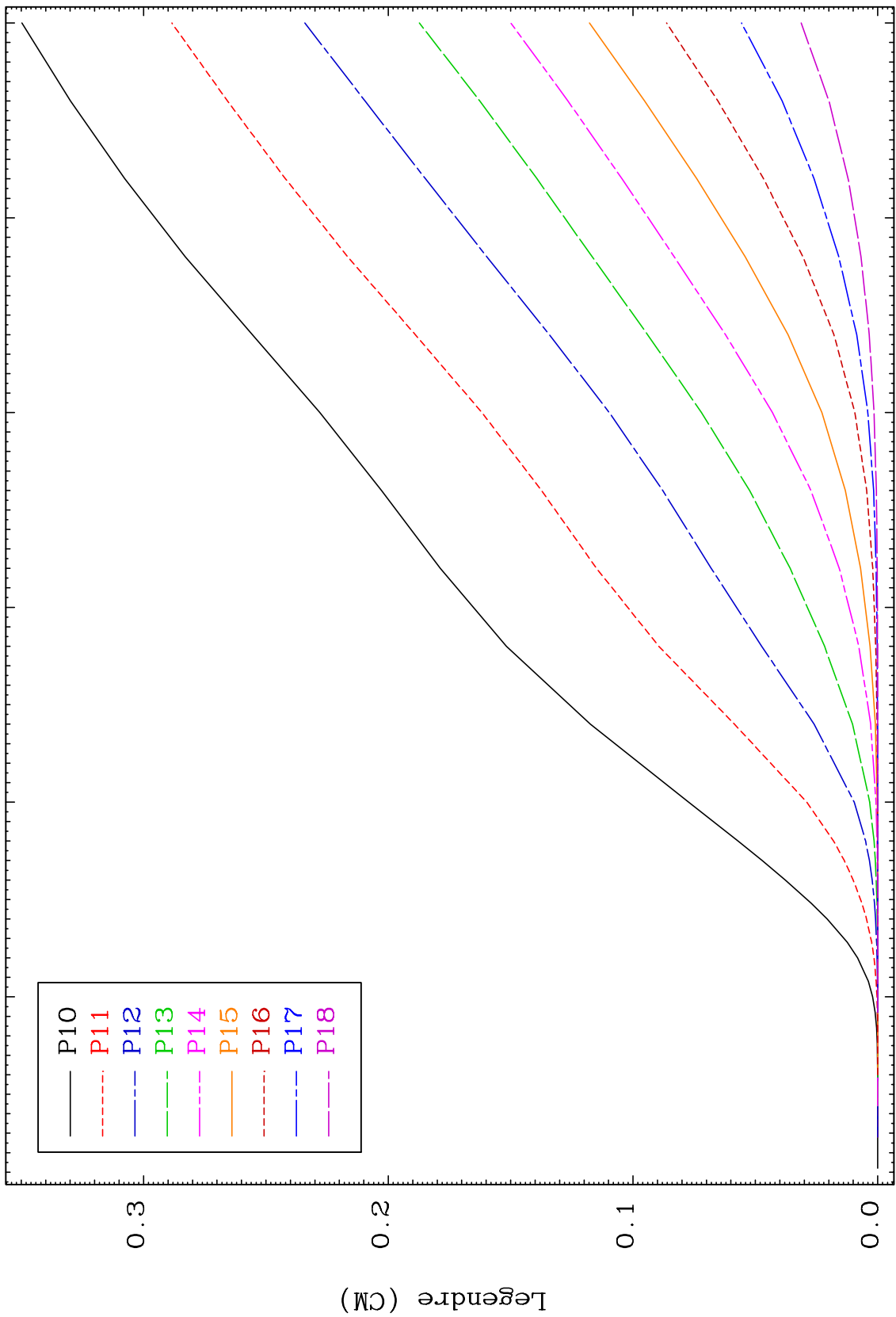
68-Er-153



16

Incident Energy (MeV)

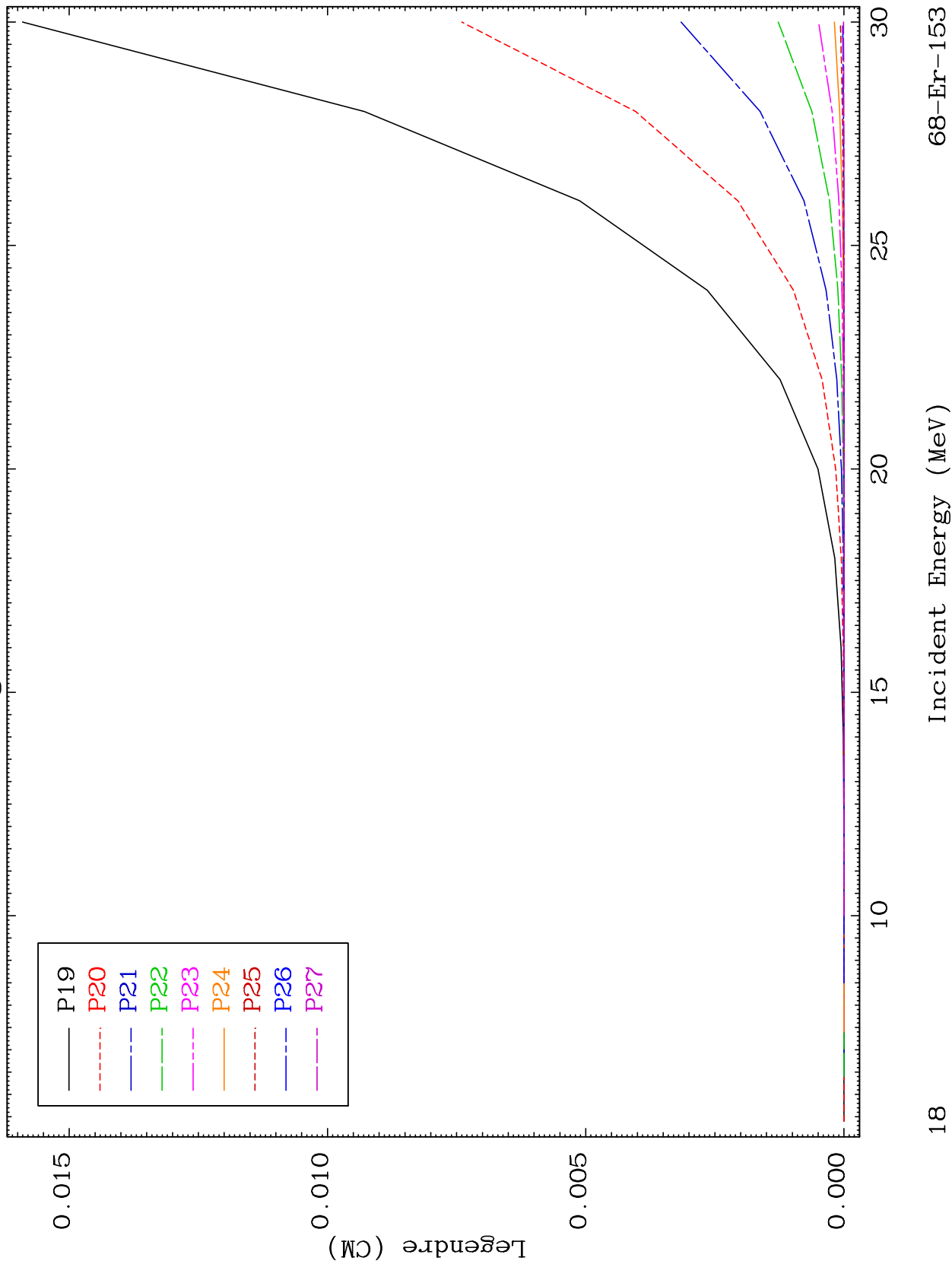
68-Er-153



MAT 6798

### Elastic Legendre Coefficients

68-Er-153



18

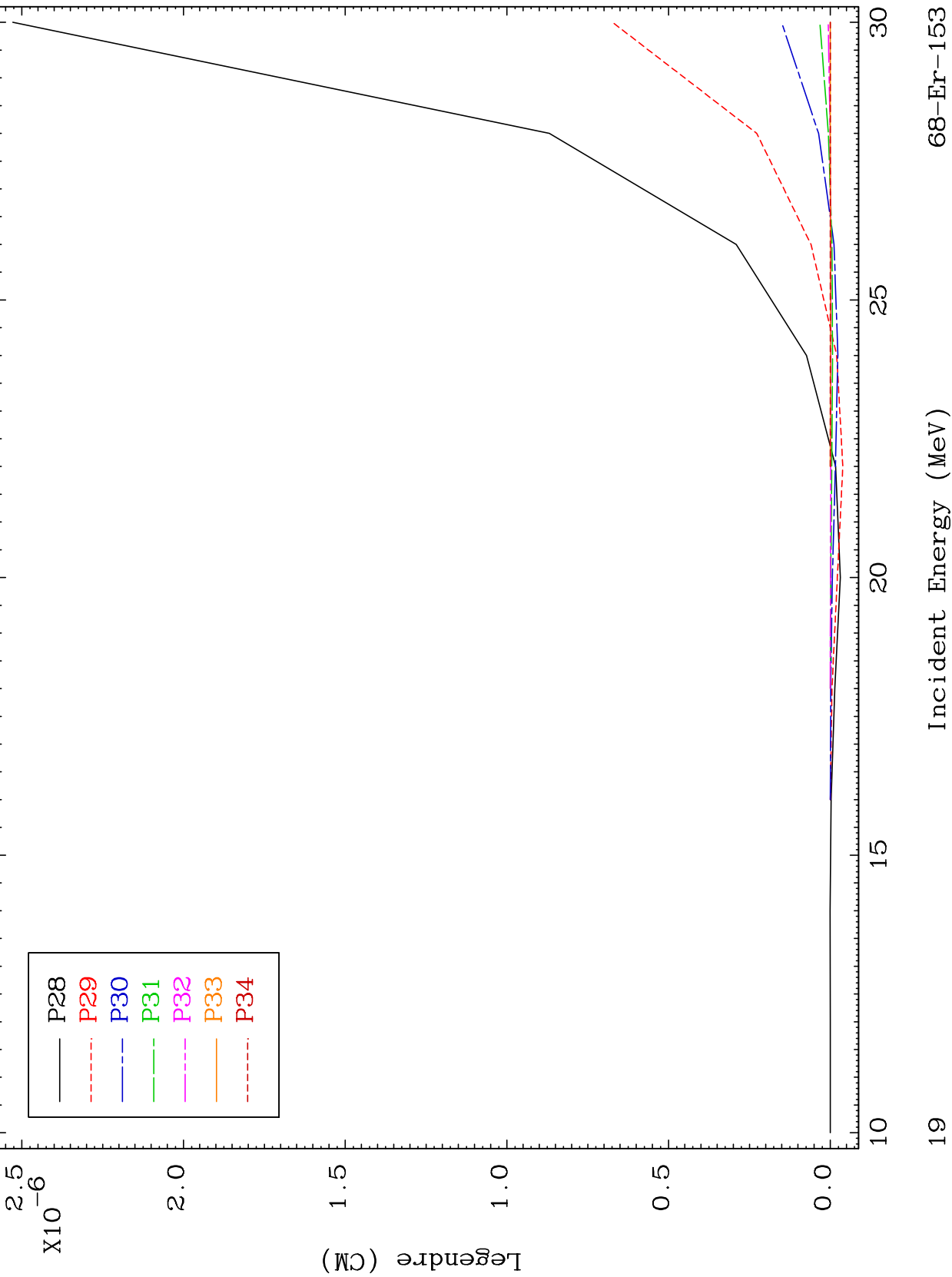
Incident Energy (MeV)

68-Er-153

MAT 6798

Elastic Legendre Coefficients

68-Er-153



19

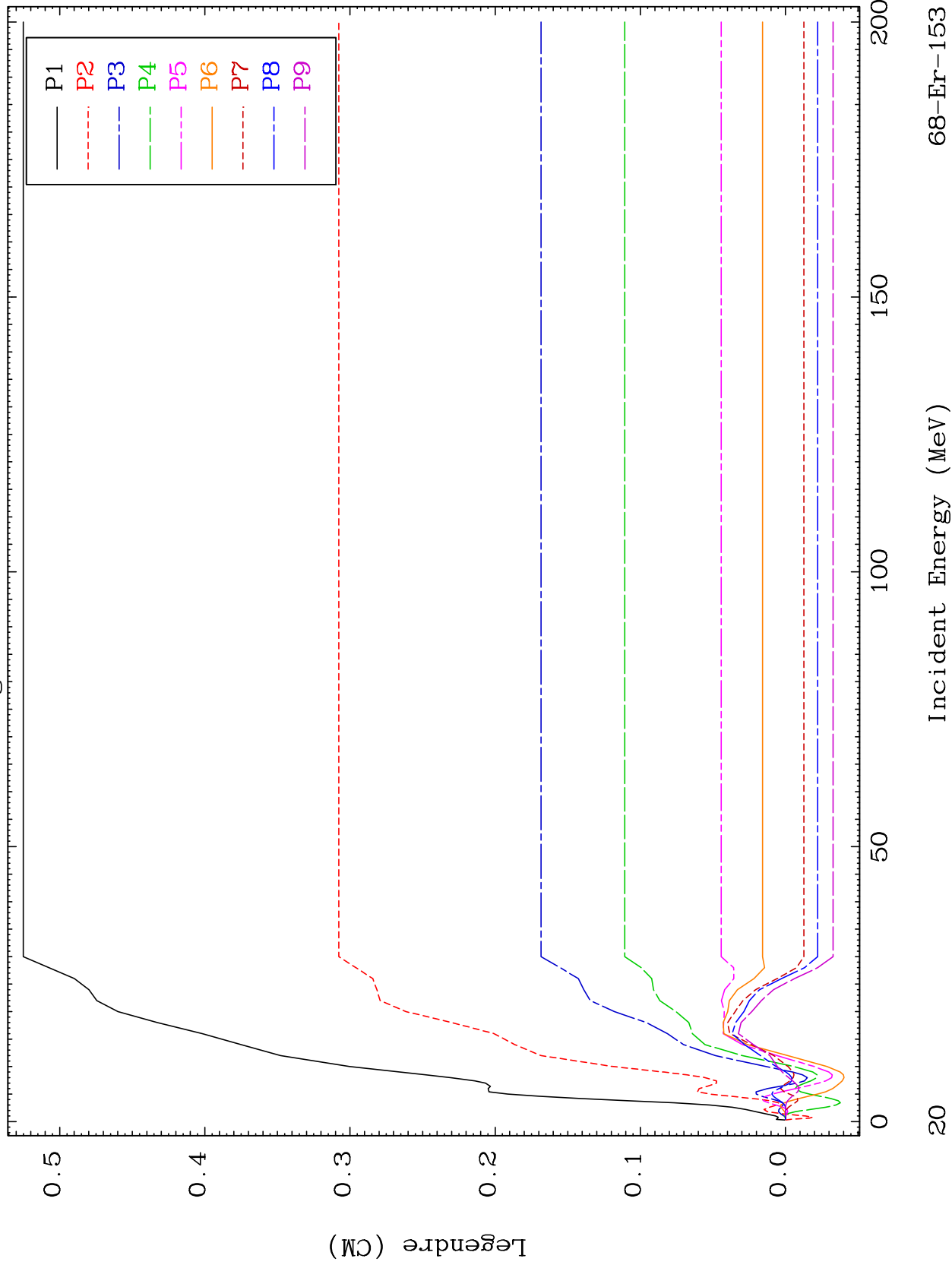
Incident Energy (MeV)

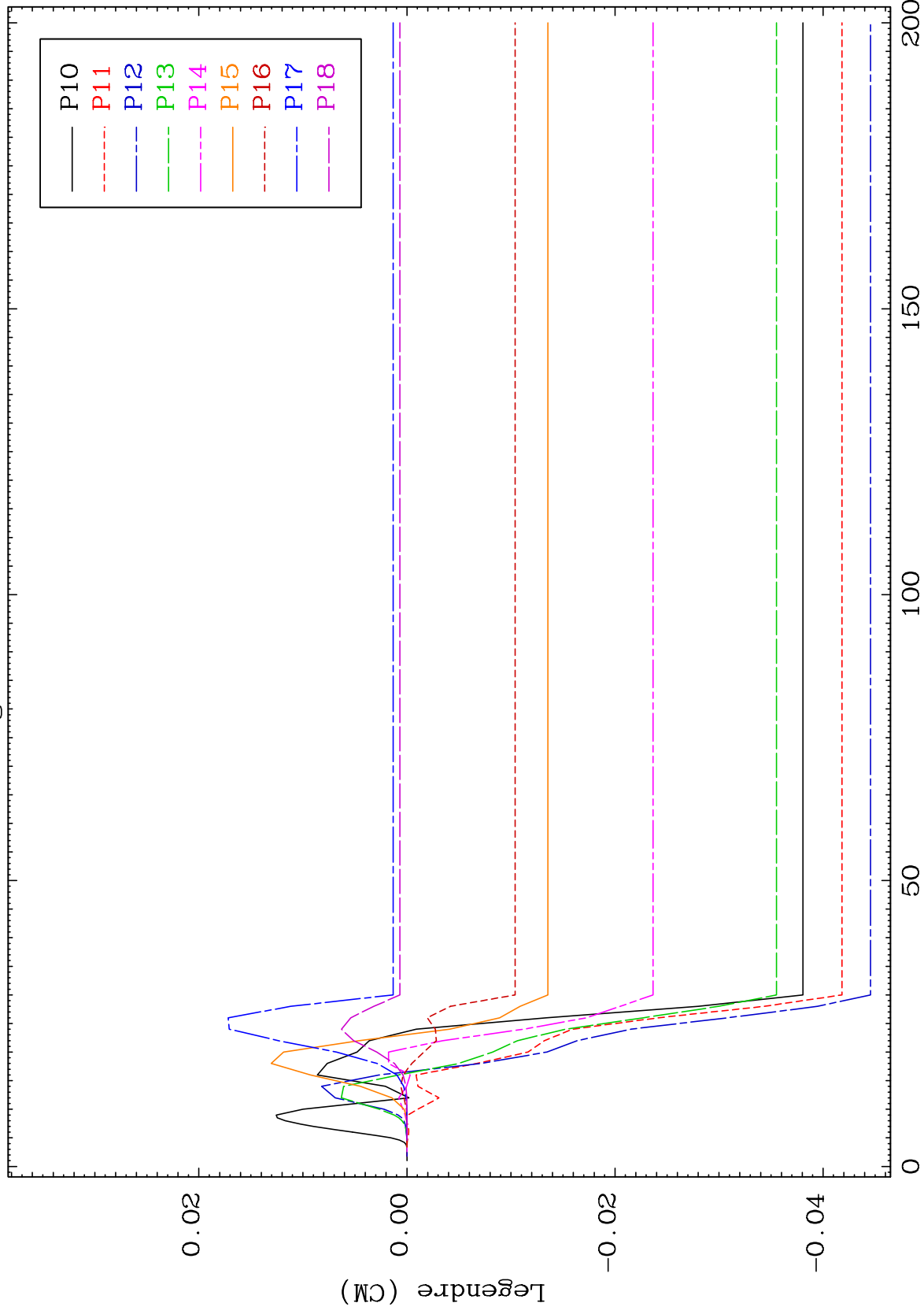
68-Er-153

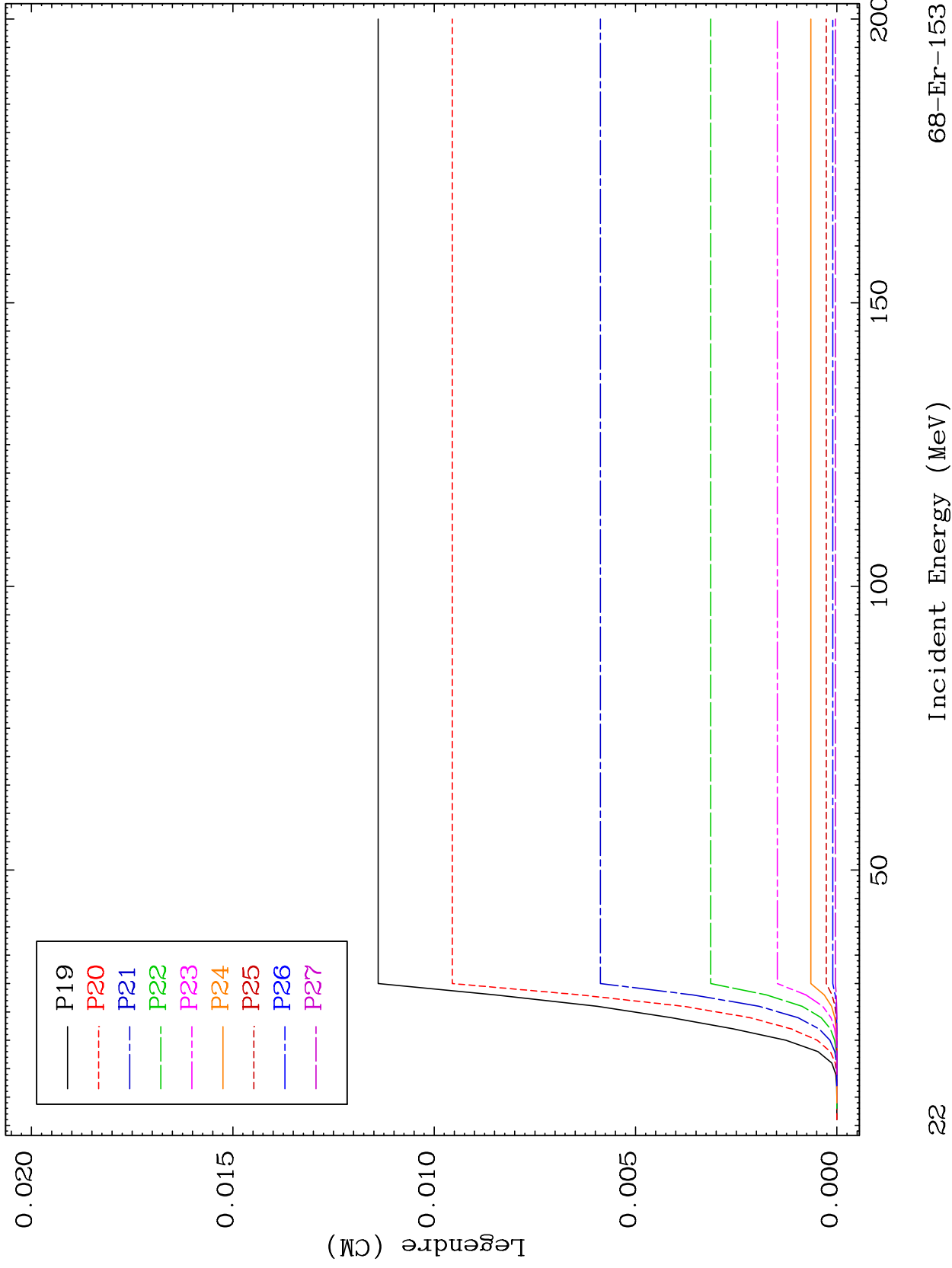
MAT 6798

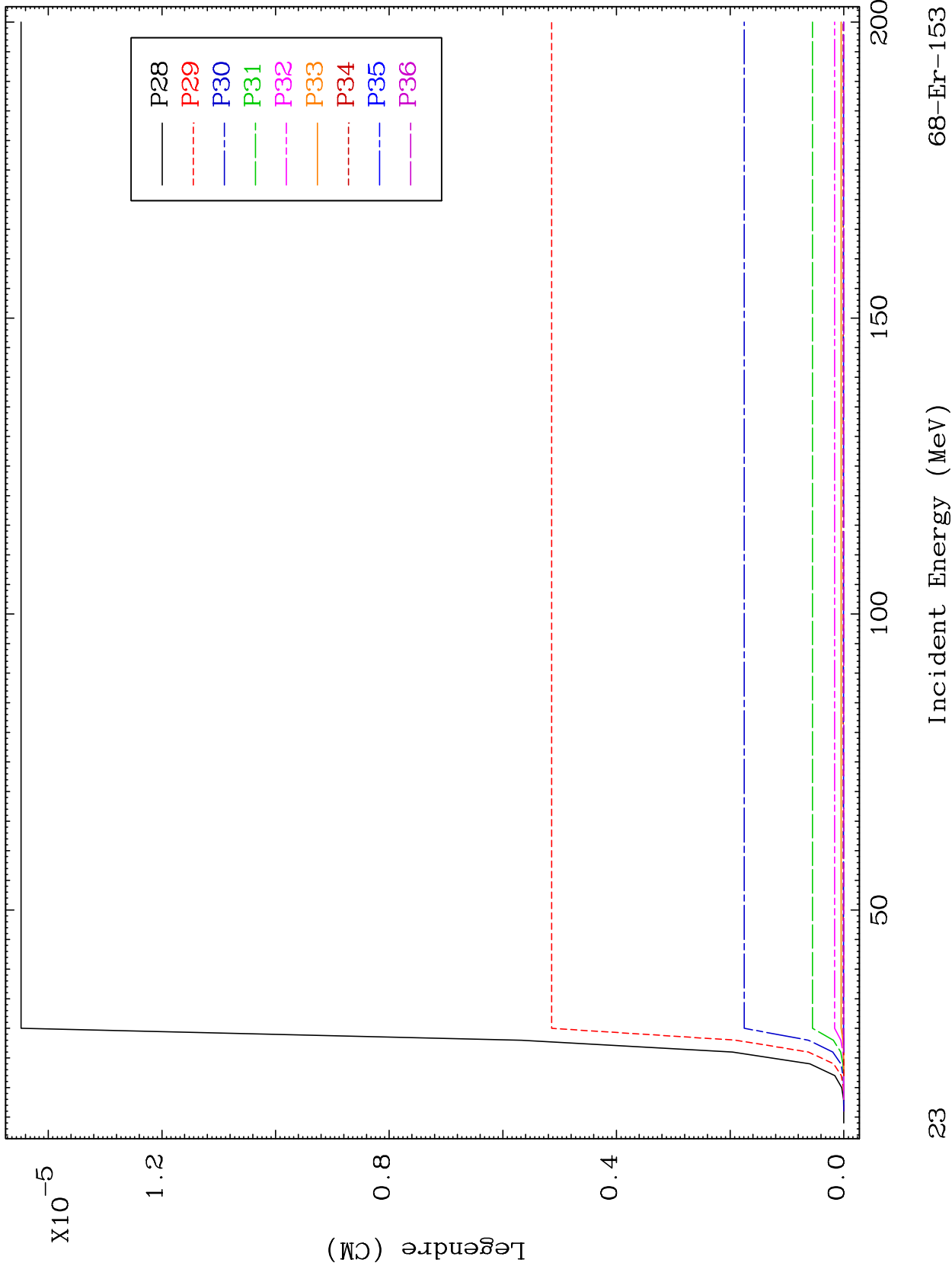
266.5 keV (n,n') Level  
Legendre Coefficients

68-Er-153







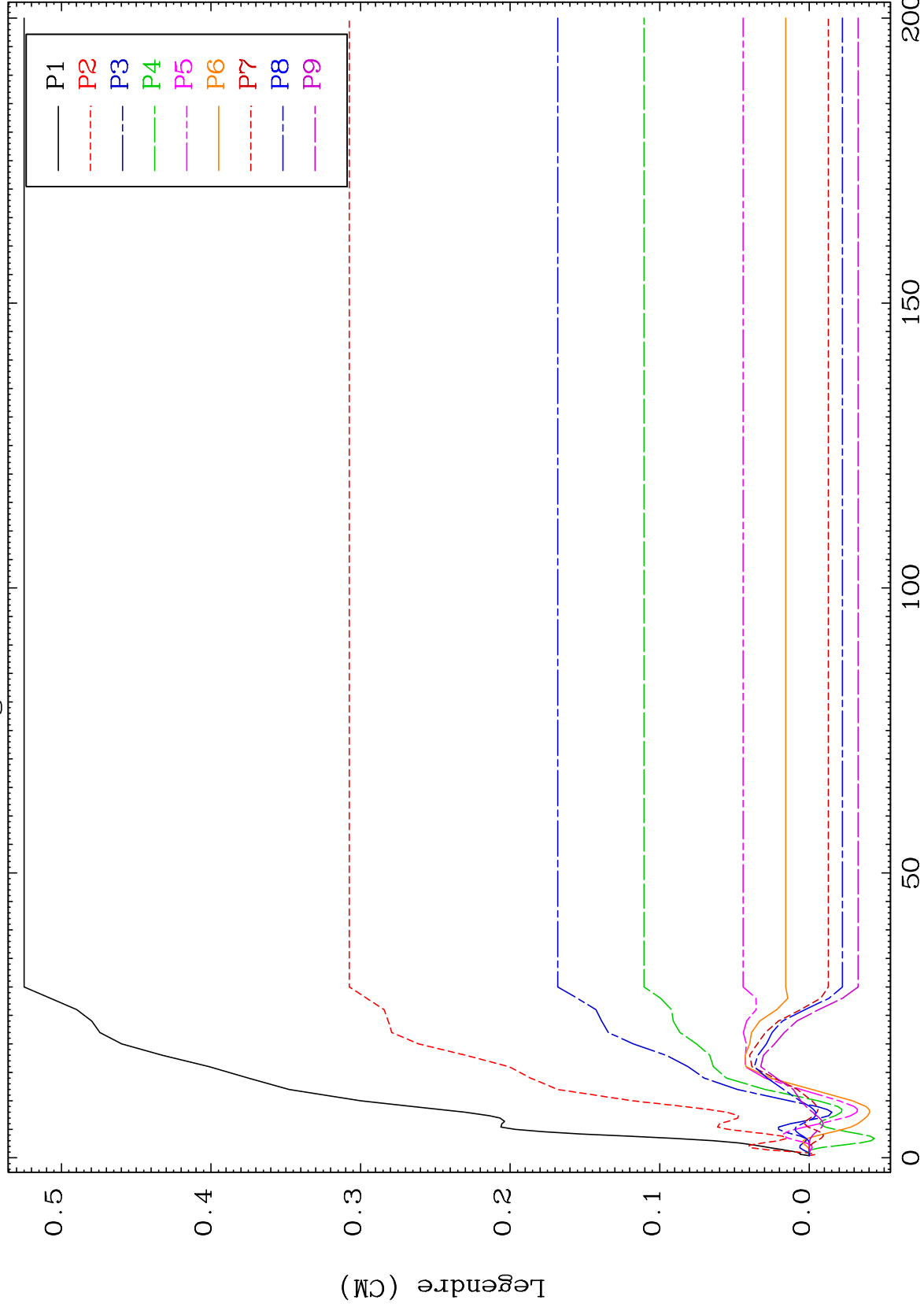




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299.3 keV (n,n') Level  
Legendre Coefficients

68-Er-153



24

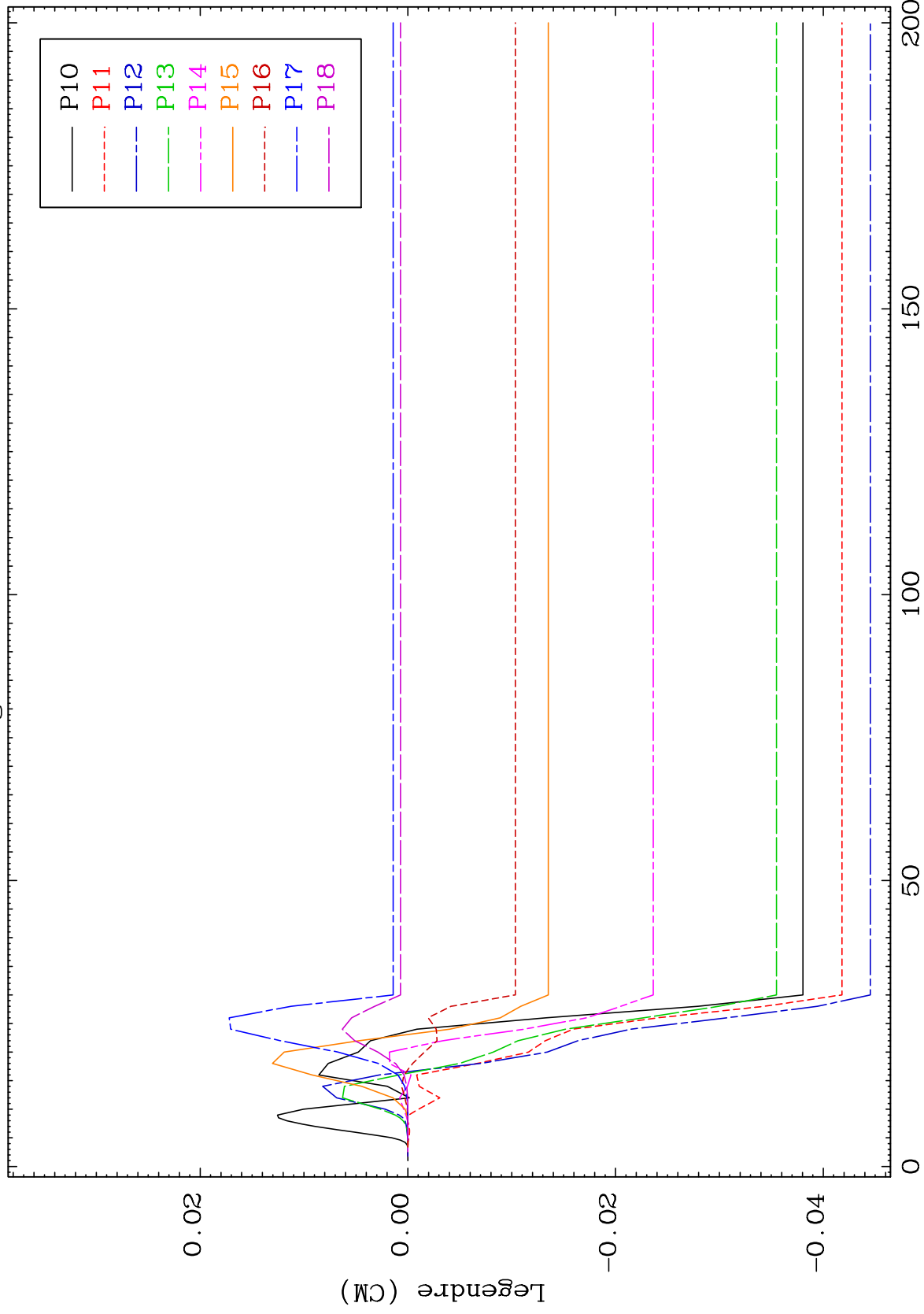
Incident Energy (MeV)

68-Er-153

MAT 6798

299.3 keV (n,n') Level  
Legendre Coefficients

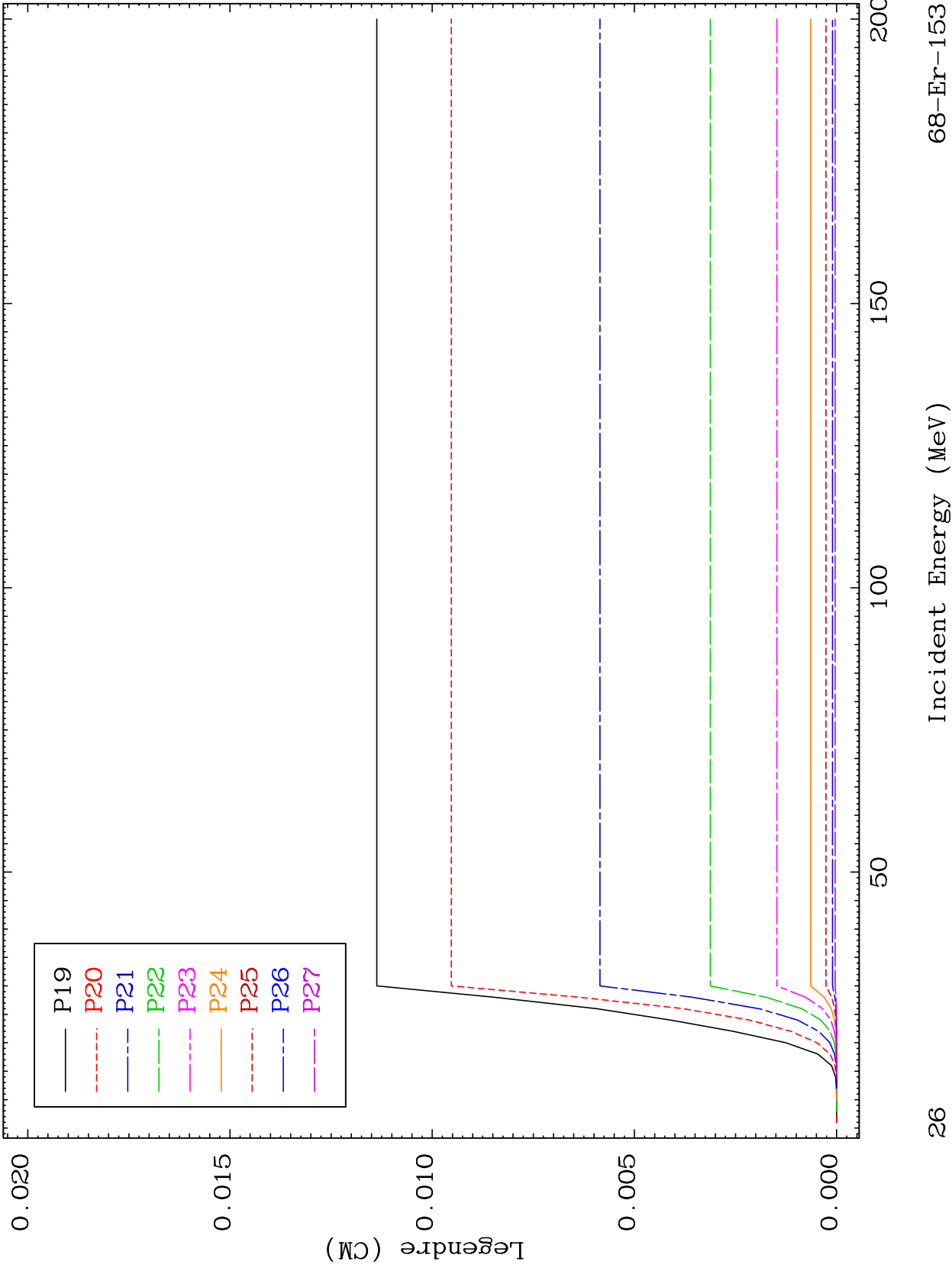
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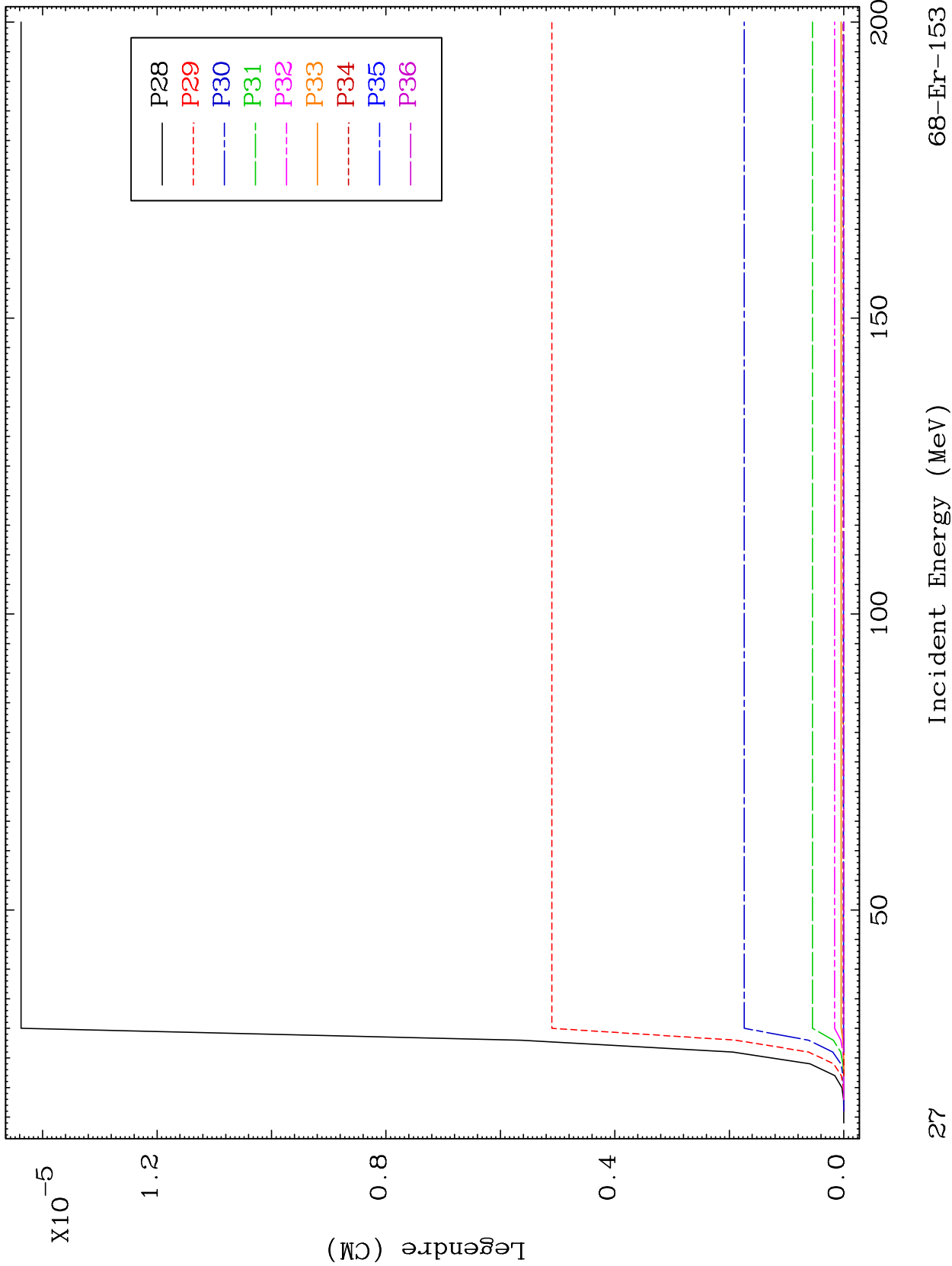


25

Incident Energy (MeV)

68-Er-153

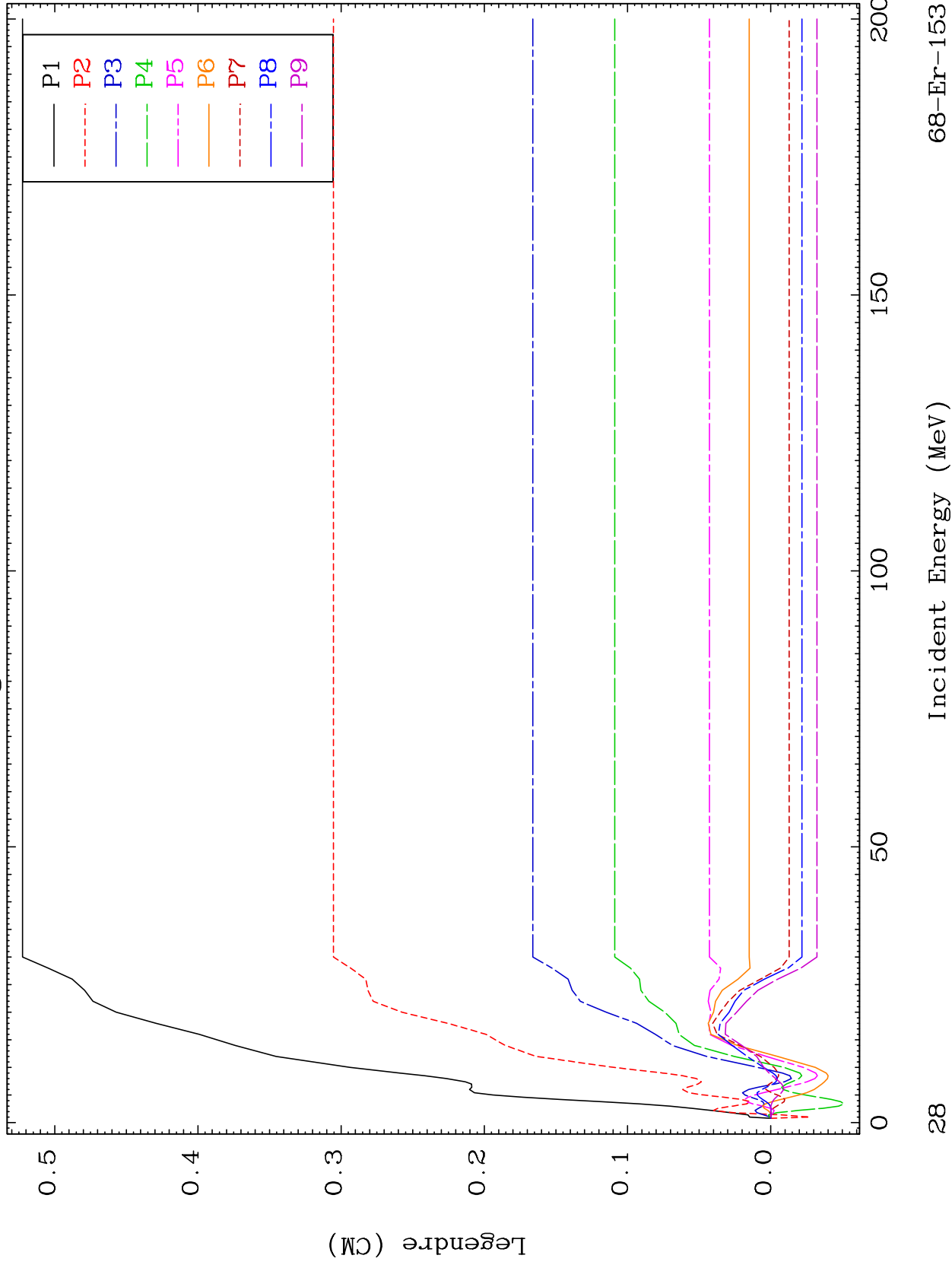




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765.8 keV (n,n') Level  
Legendre Coefficients

68-Er-153



68-Er-153

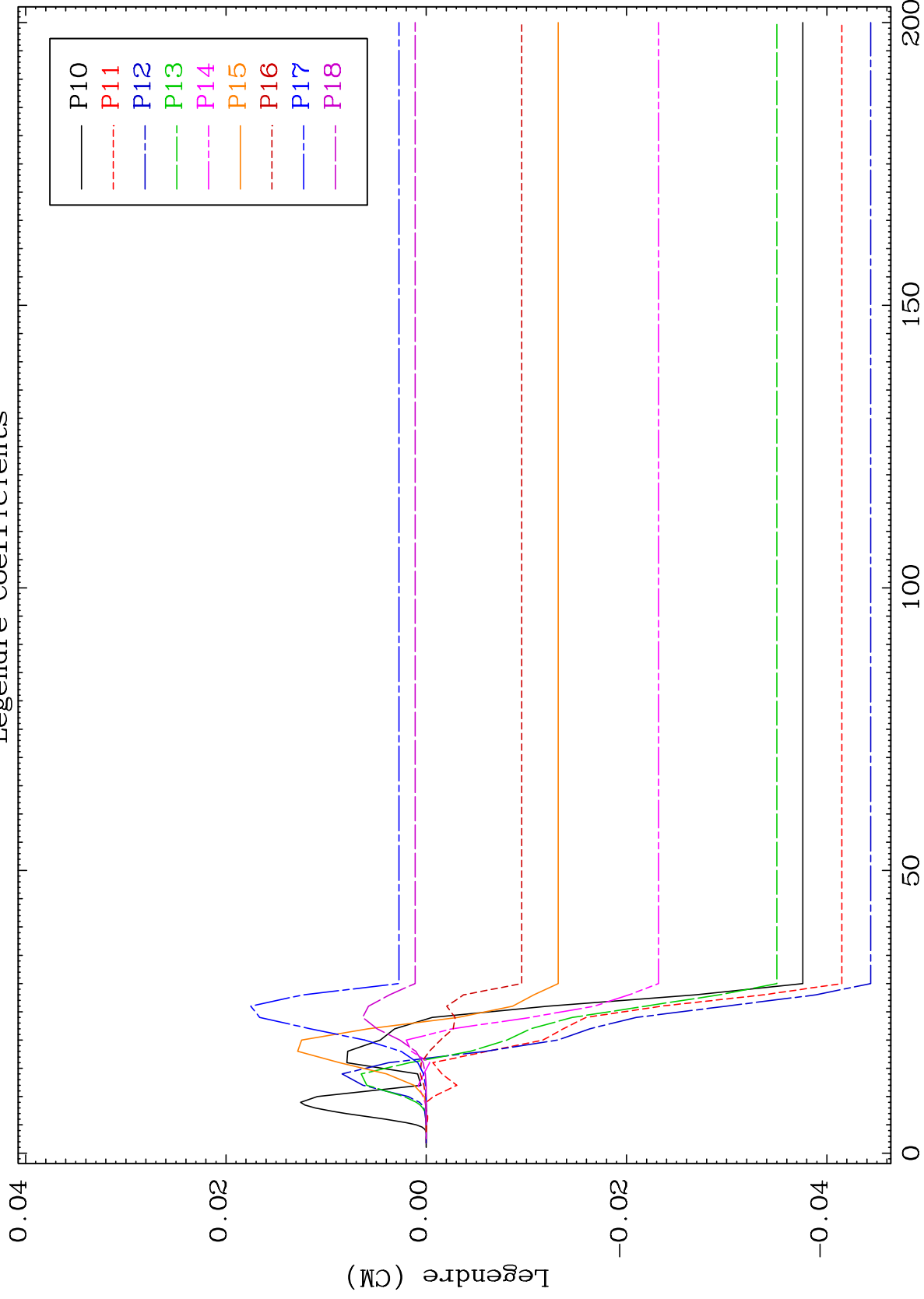
Incident Energy (MeV)

28

MAT 6798

765.8 keV (n,n') Level  
Legendre Coefficients

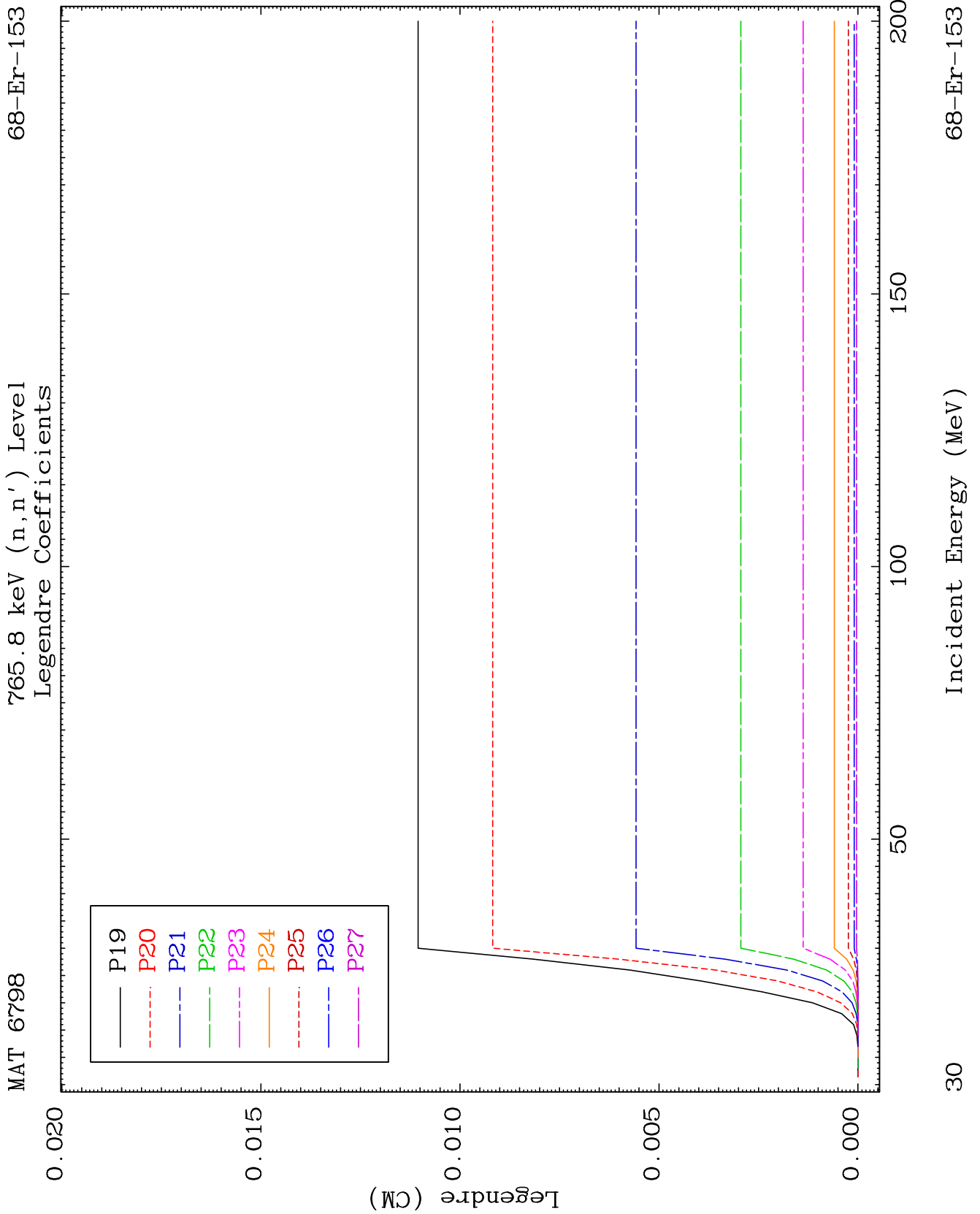
68-Er-153

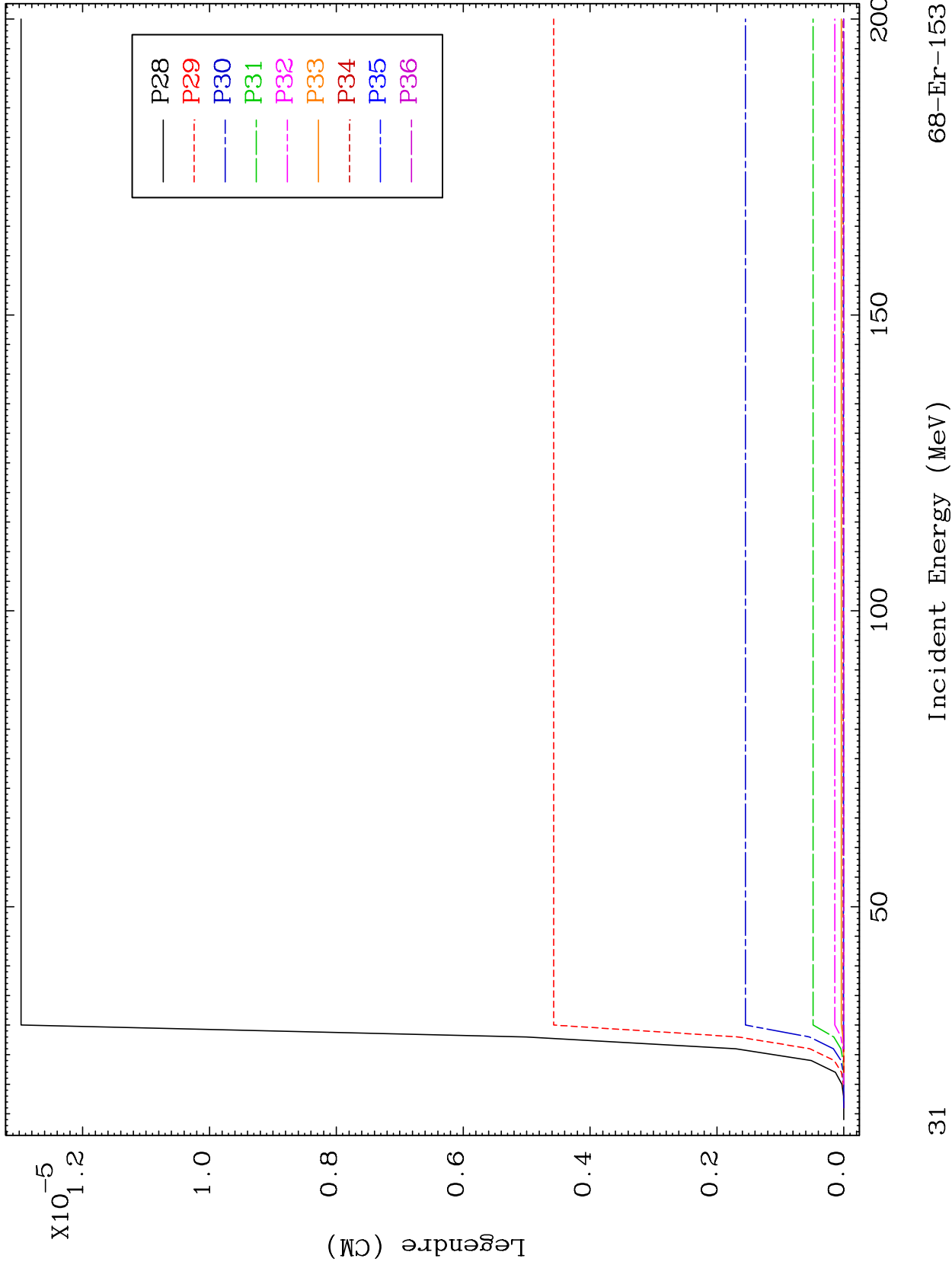


29

Incident Energy (MeV)

68-Er-153



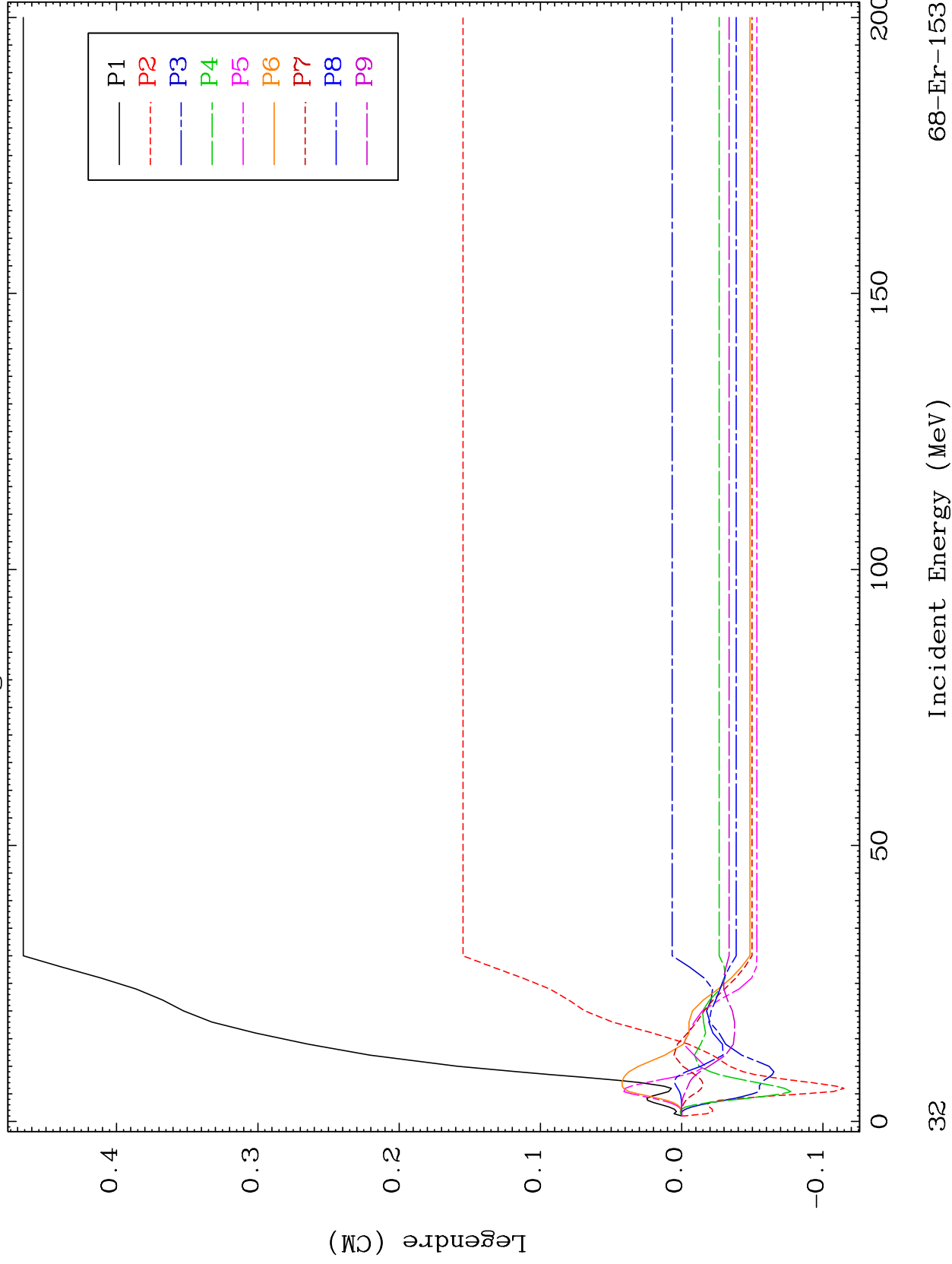




MAT 6798

971.0 keV (n,n') Level  
Legendre Coefficients

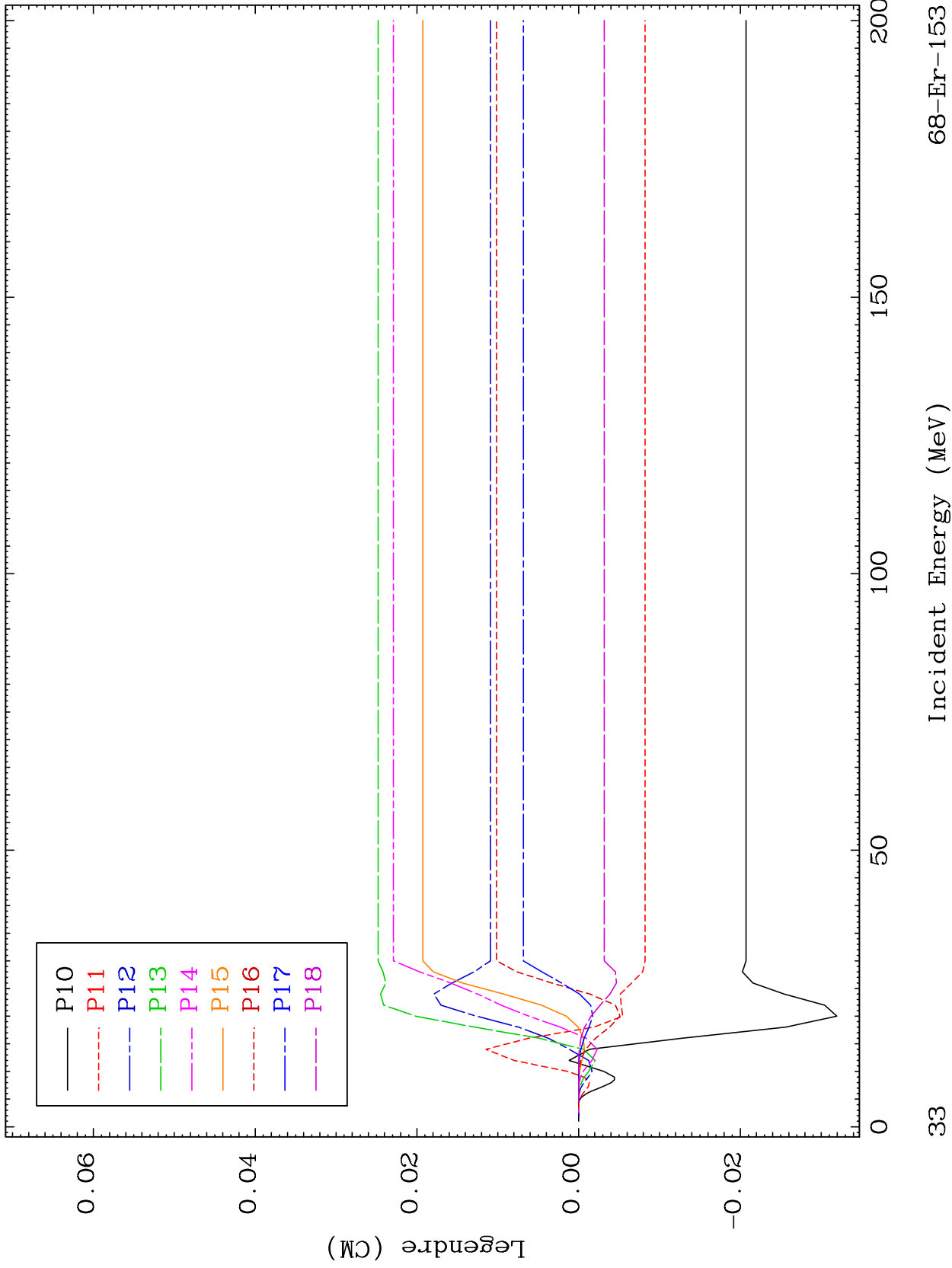
68-Er-153

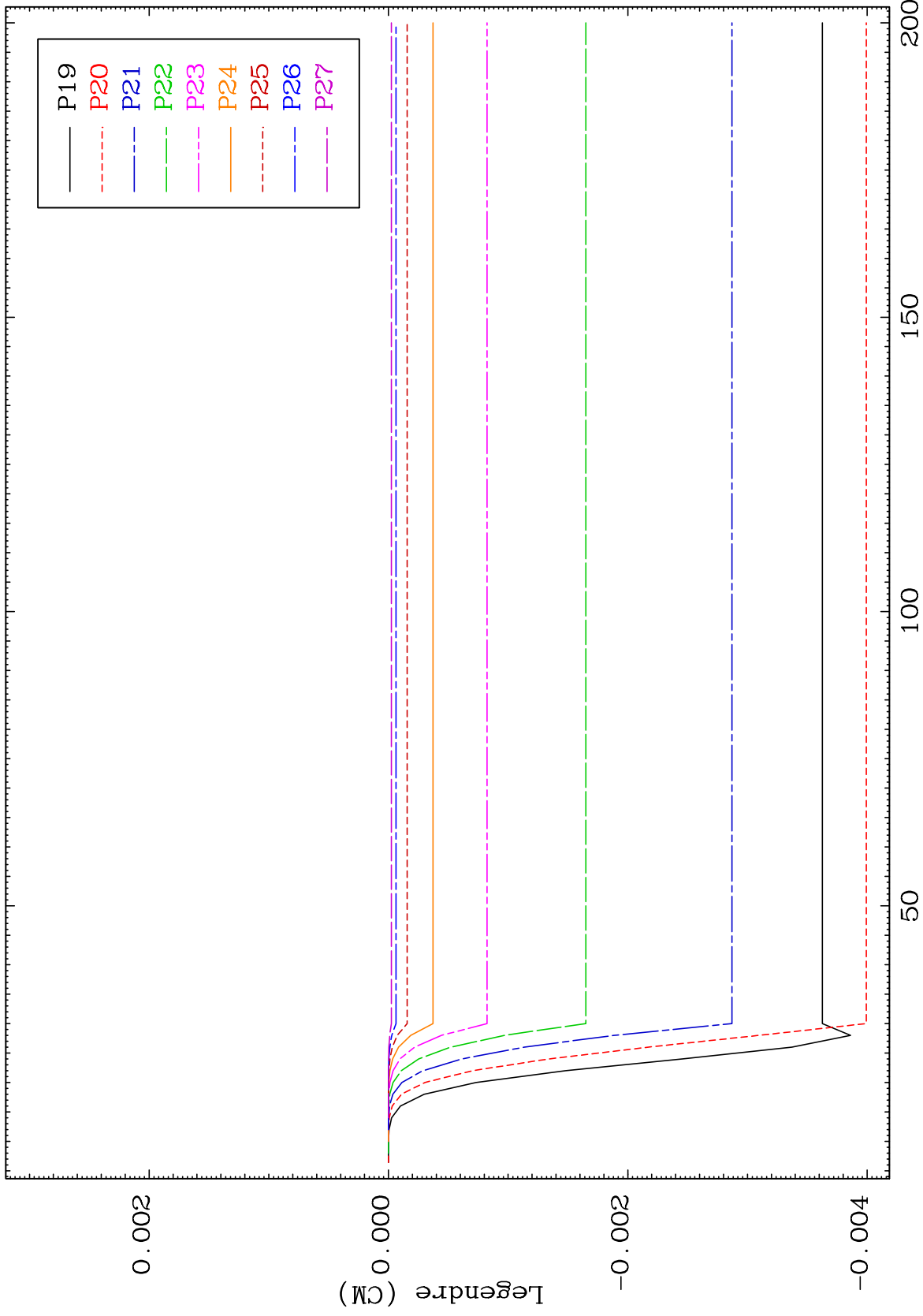


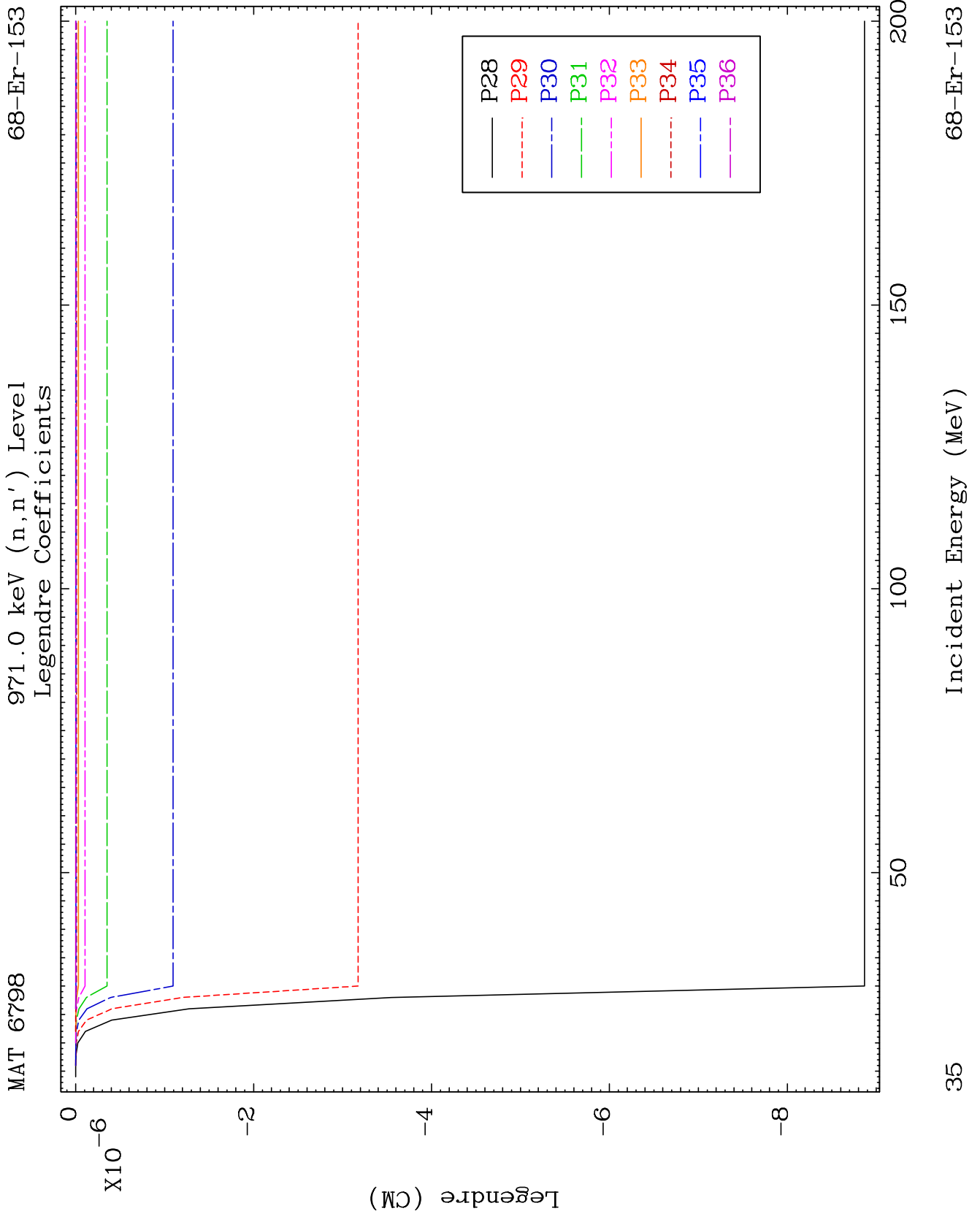
68-Er-153

Incident Energy (MeV)

32



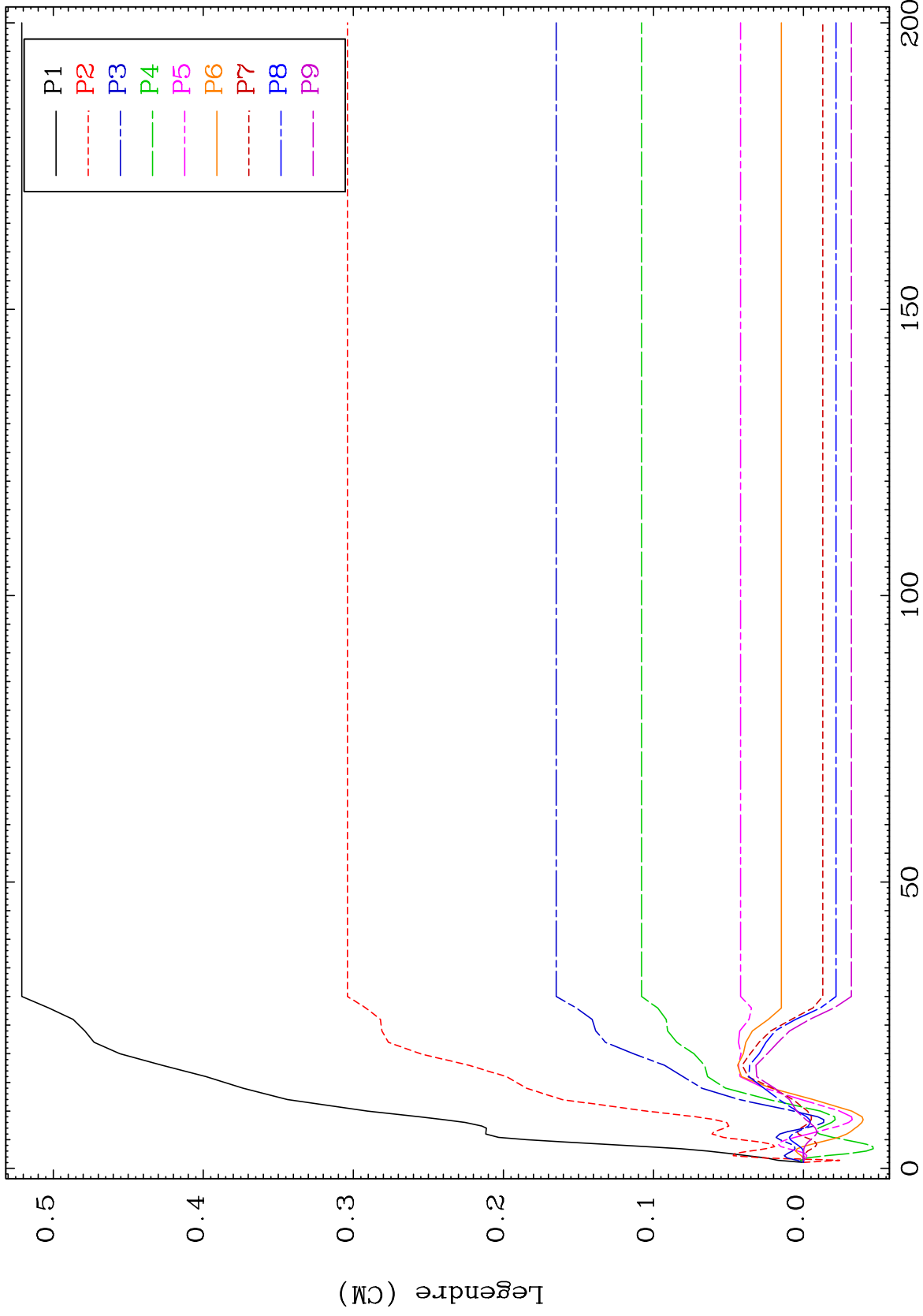




MAT 6798

1.012 MeV (n, n') Level  
Legendre Coefficients

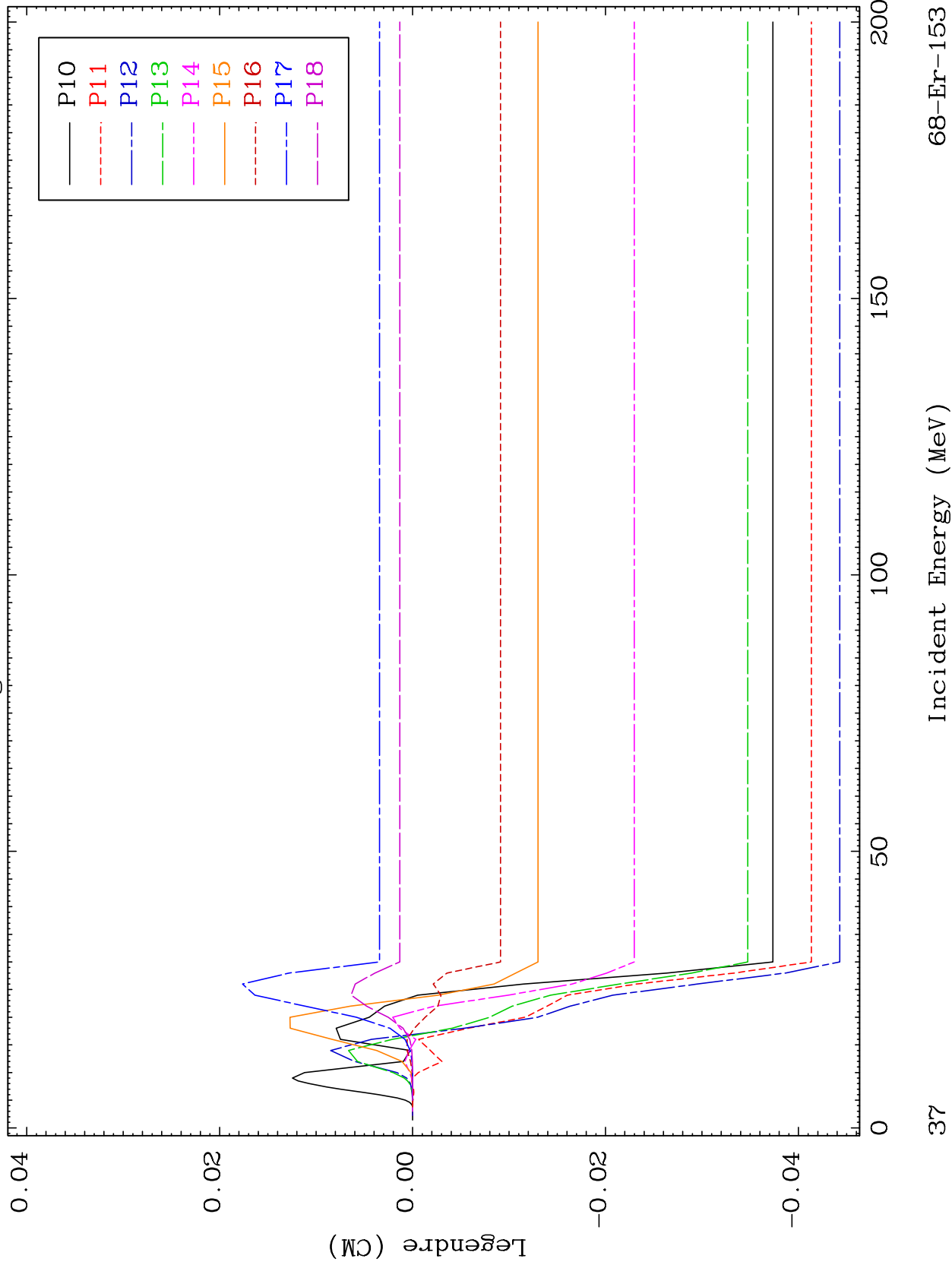
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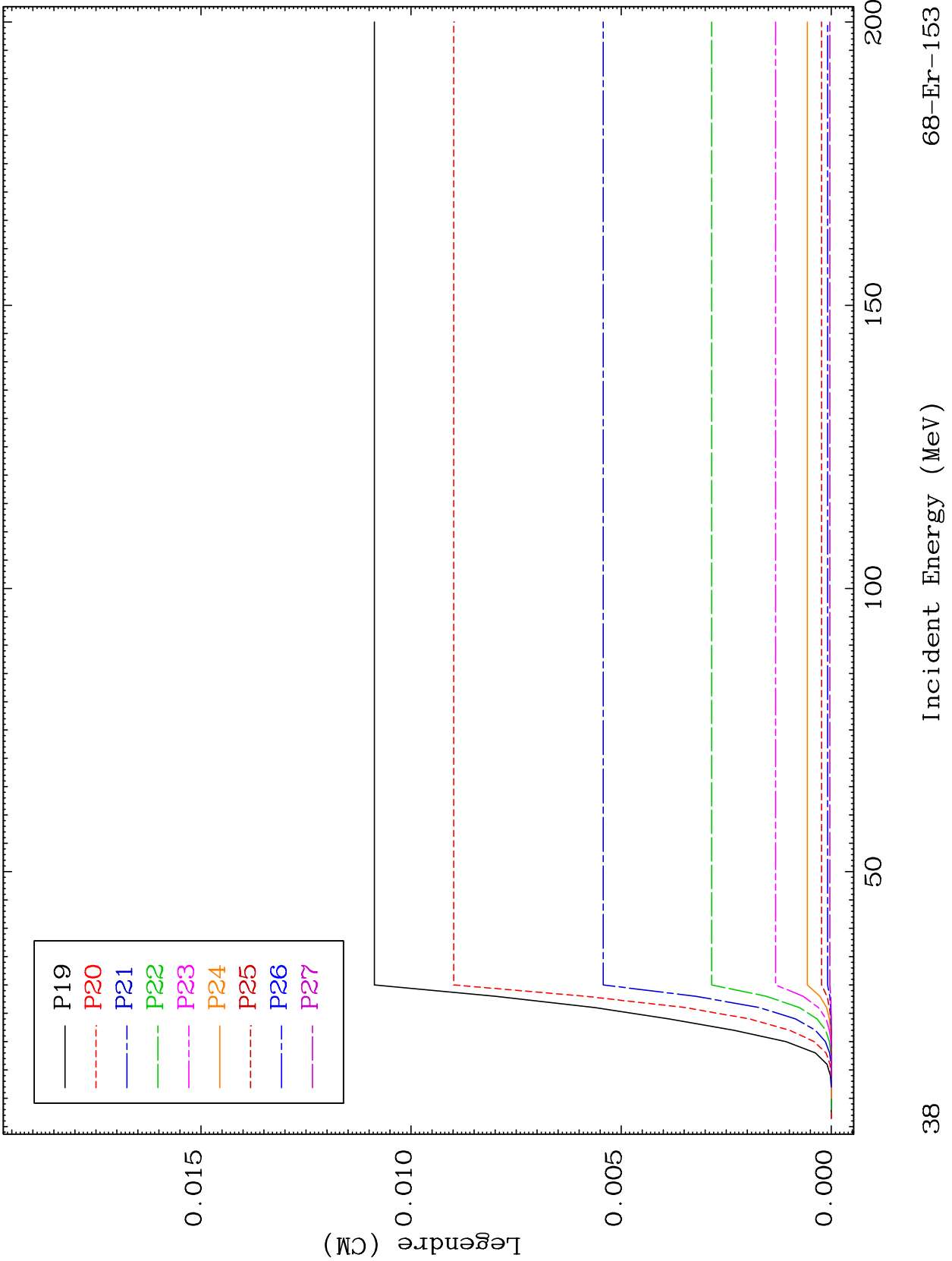


36

Incident Energy (MeV)

68-Er-153

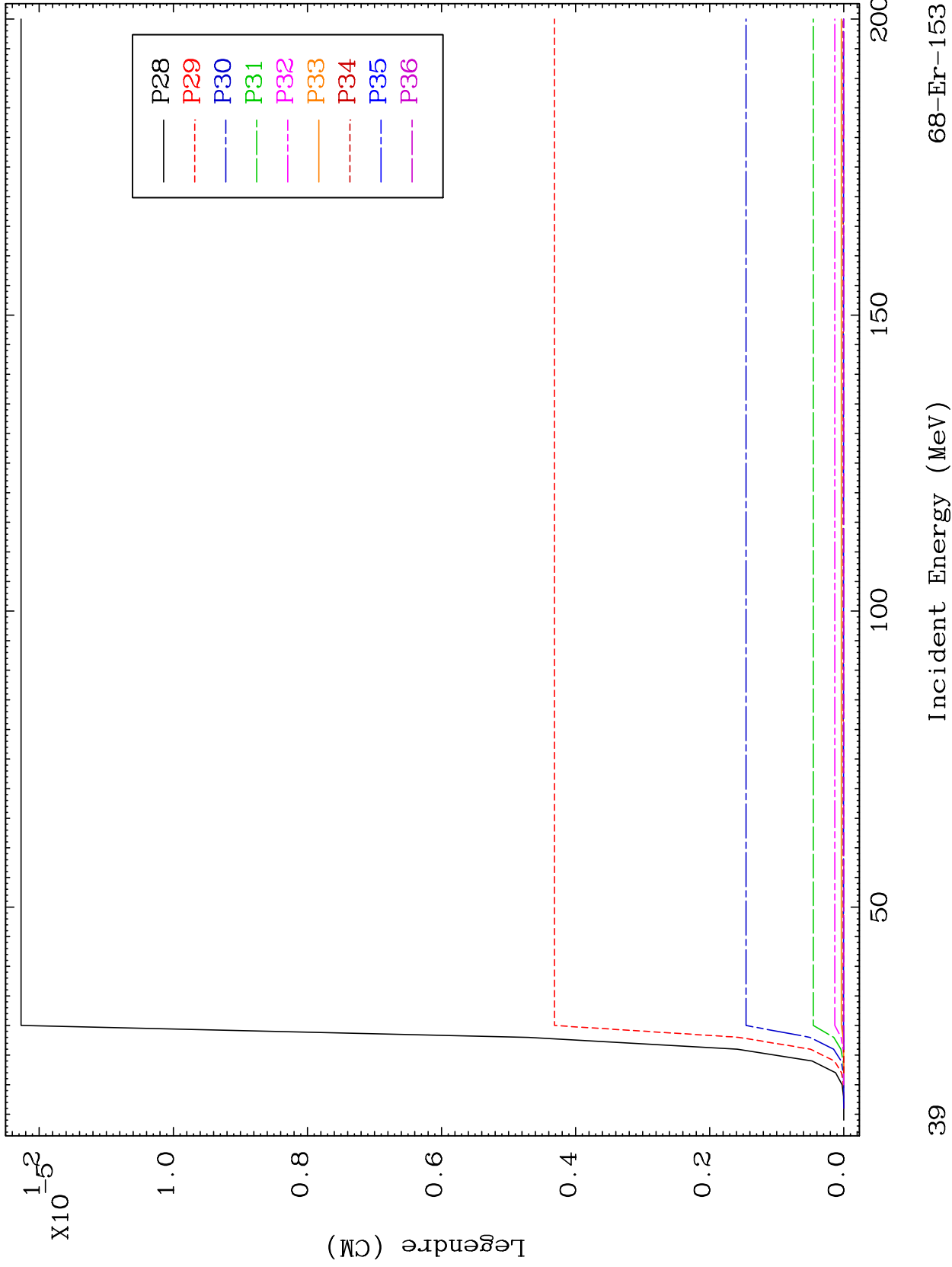




MAT 6798

1.012 MeV (n,n') Level  
Legendre Coefficients

68-Er-153

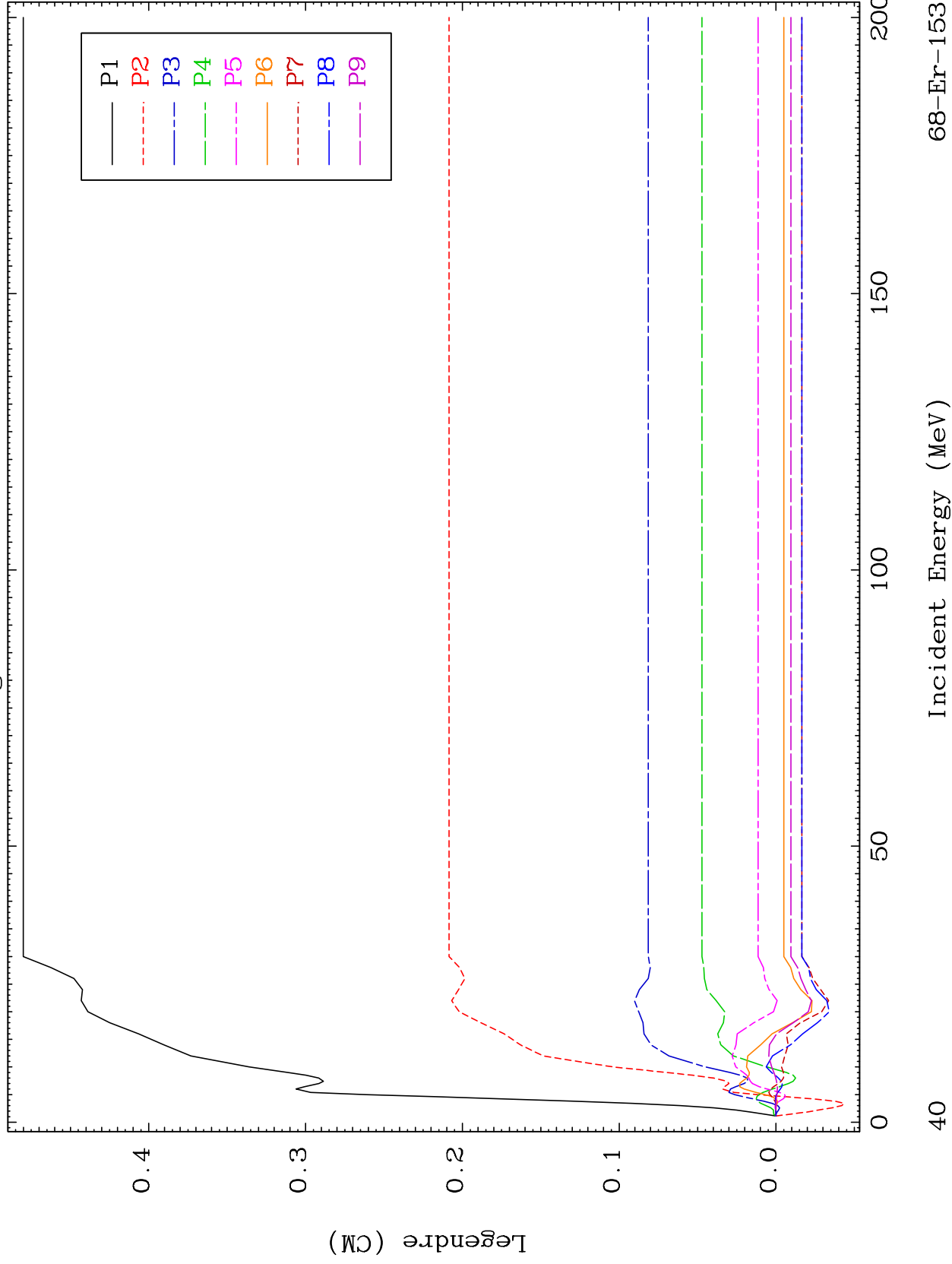




MAT 6798

1.111 MeV (n,n') Level  
Legendre Coefficients

68-Er-153



68-Er-153

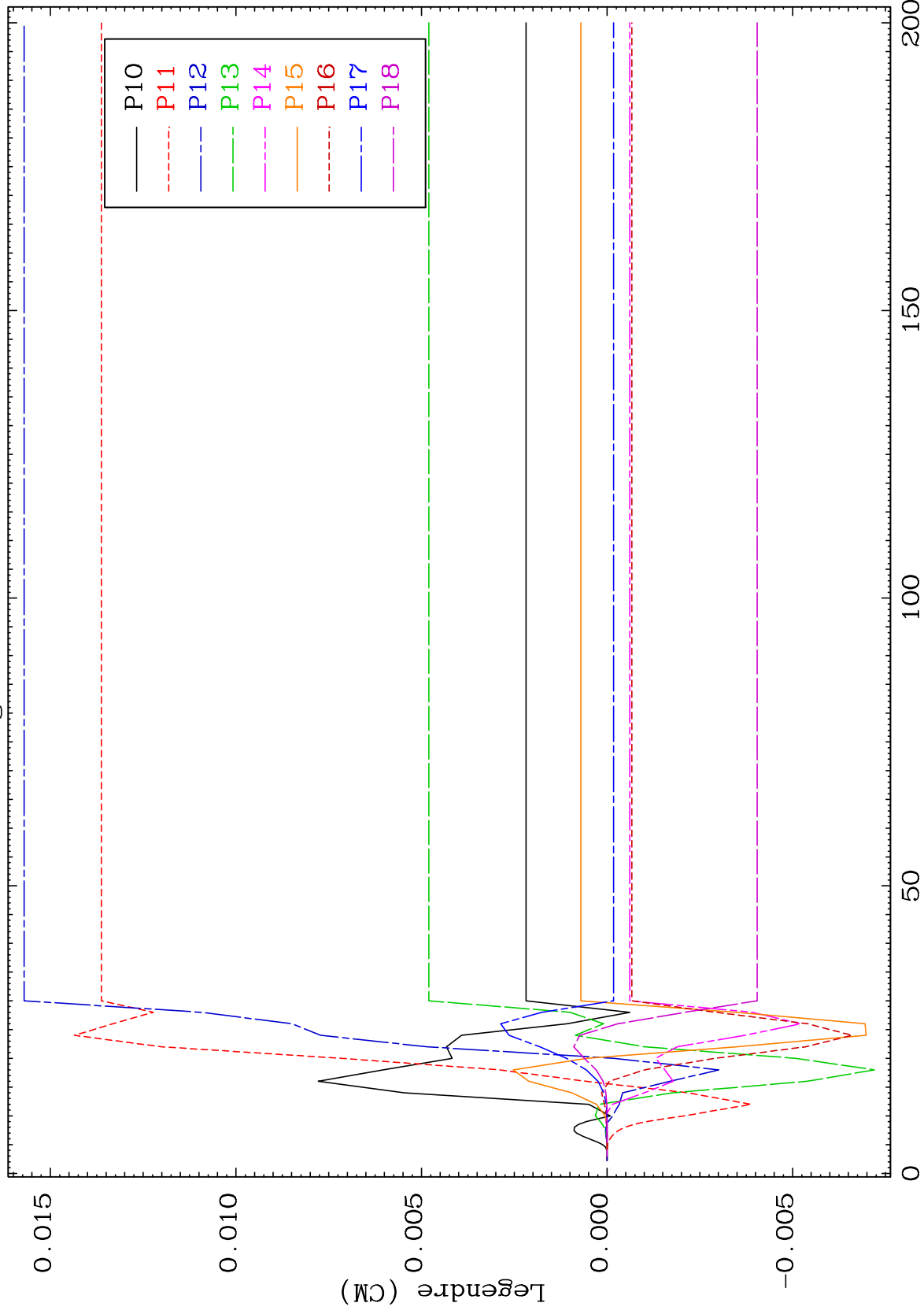
Incident Energy (MeV)

40

MAT 6798

1.111 MeV (n,n') Level  
Legendre Coefficients

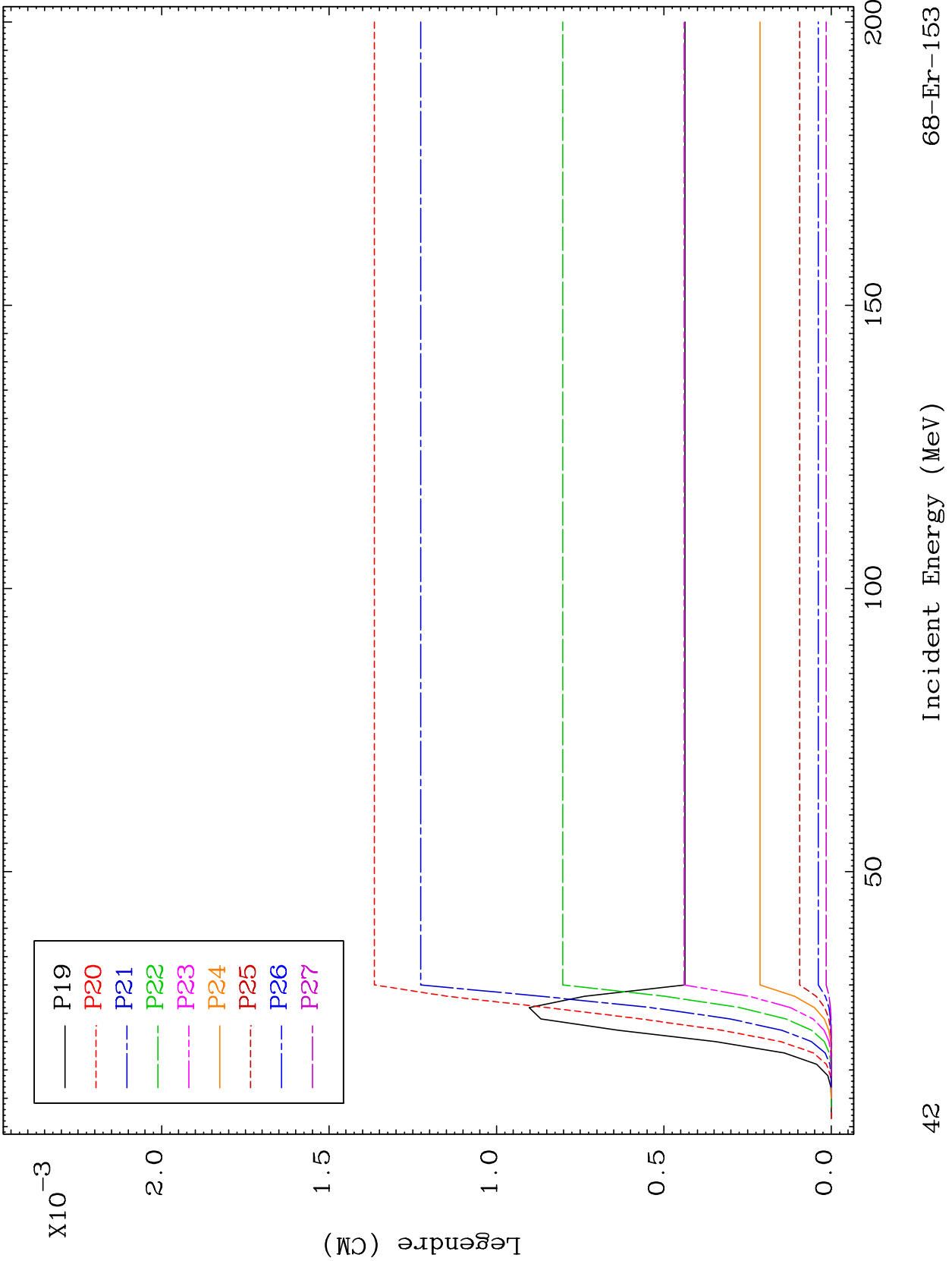
68-Er-153

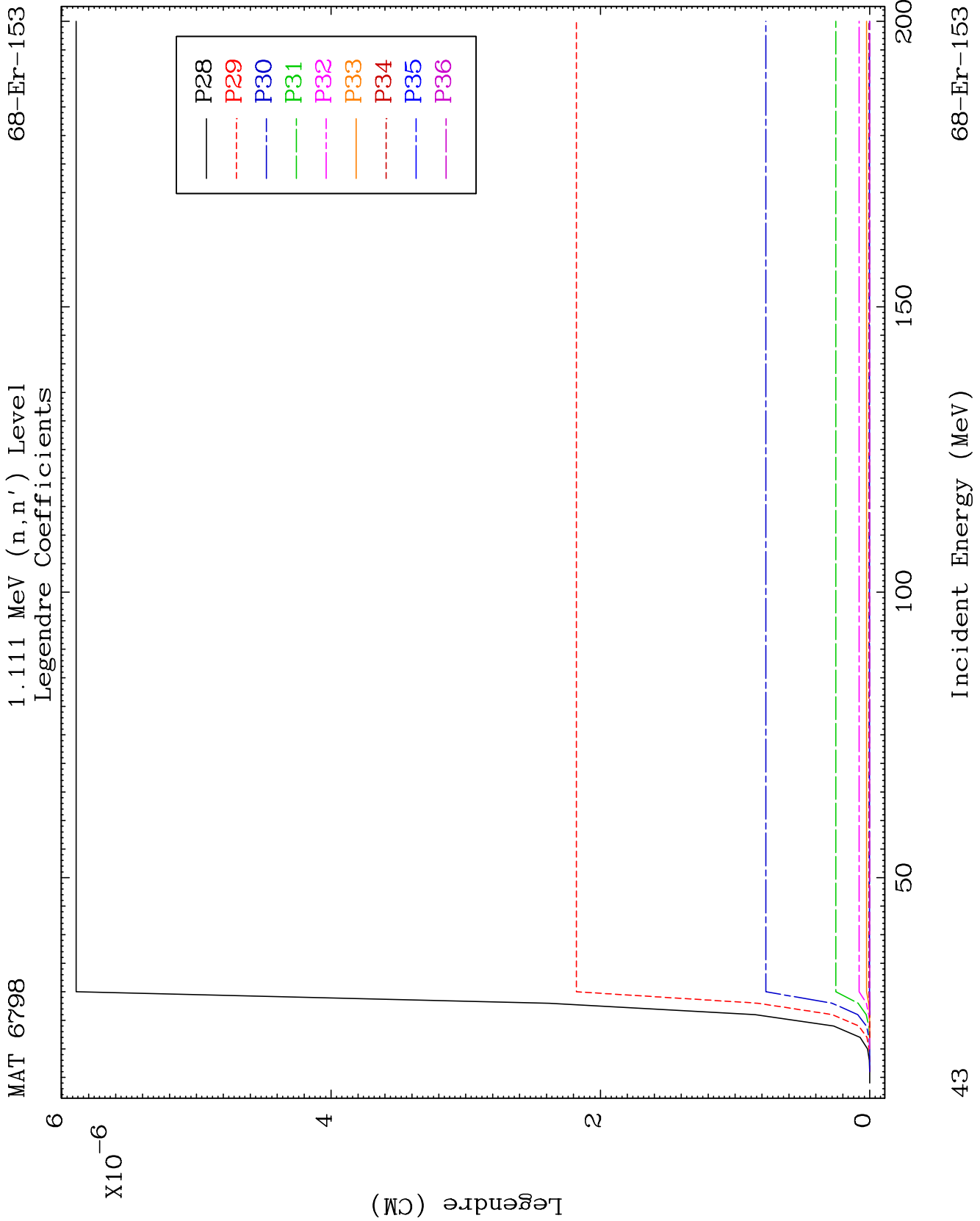


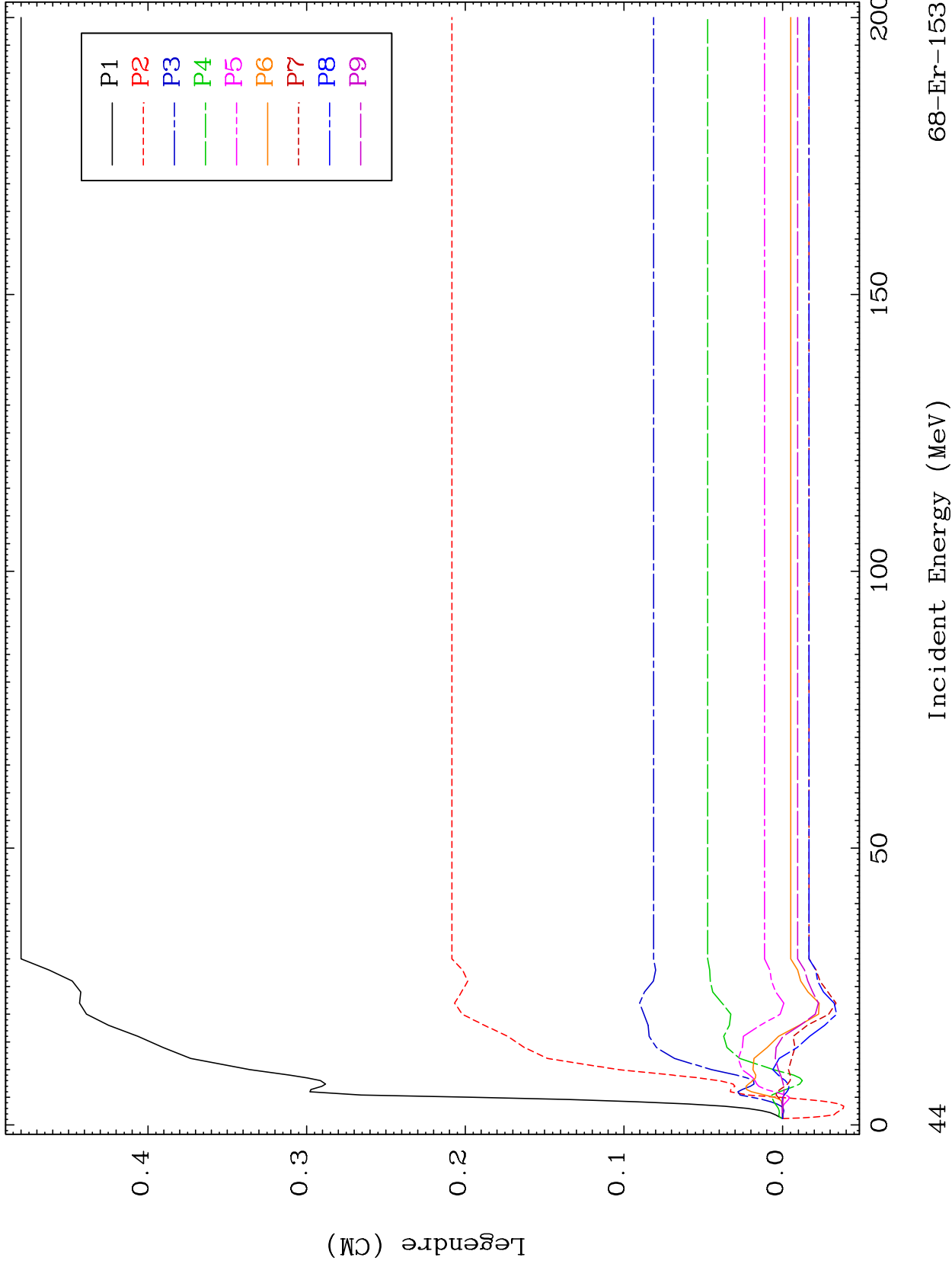
41

Incident Energy (MeV)

68-Er-153



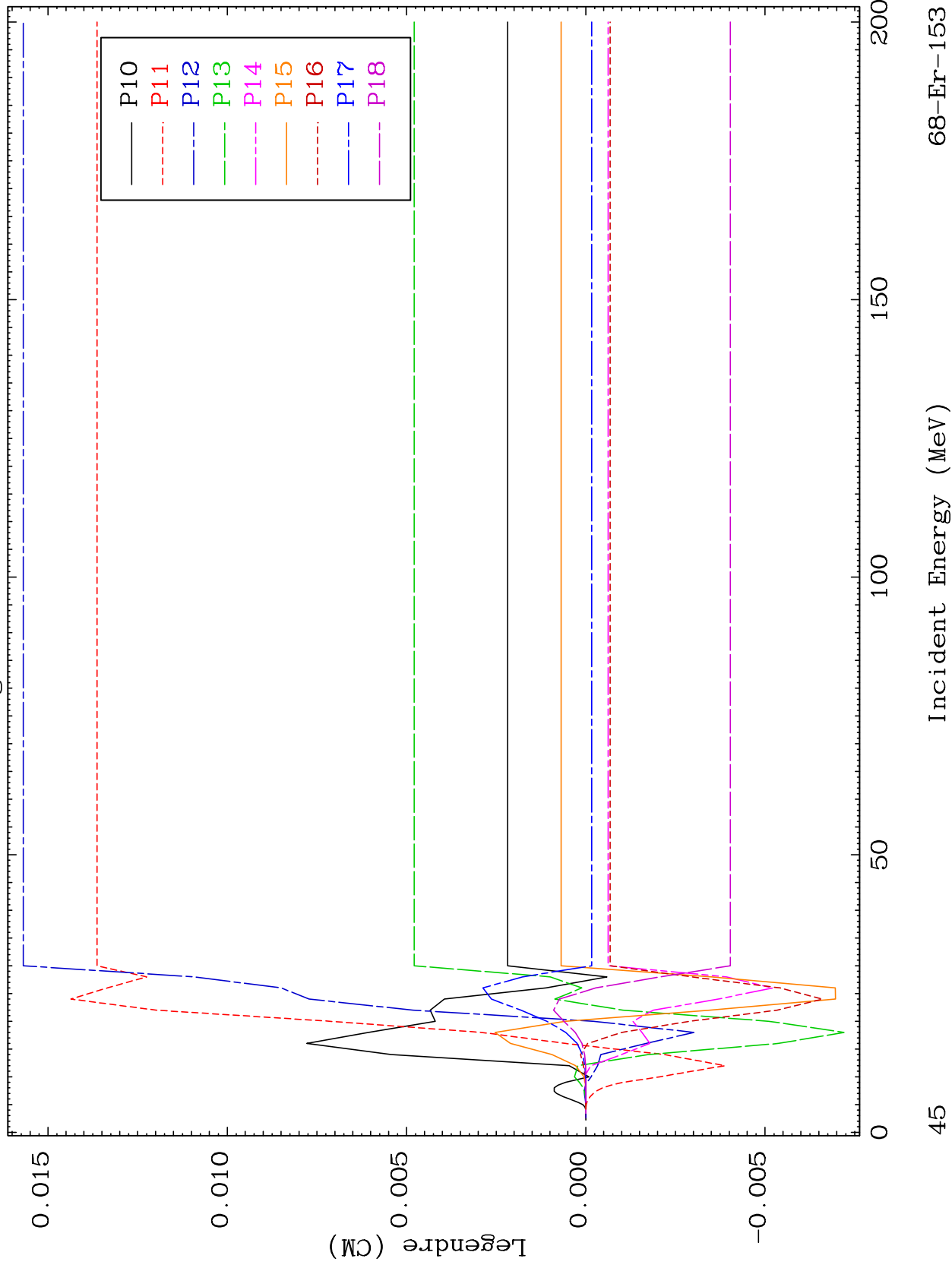




MAT 6798

1.133 MeV (n,n') Level  
Legendre Coefficients

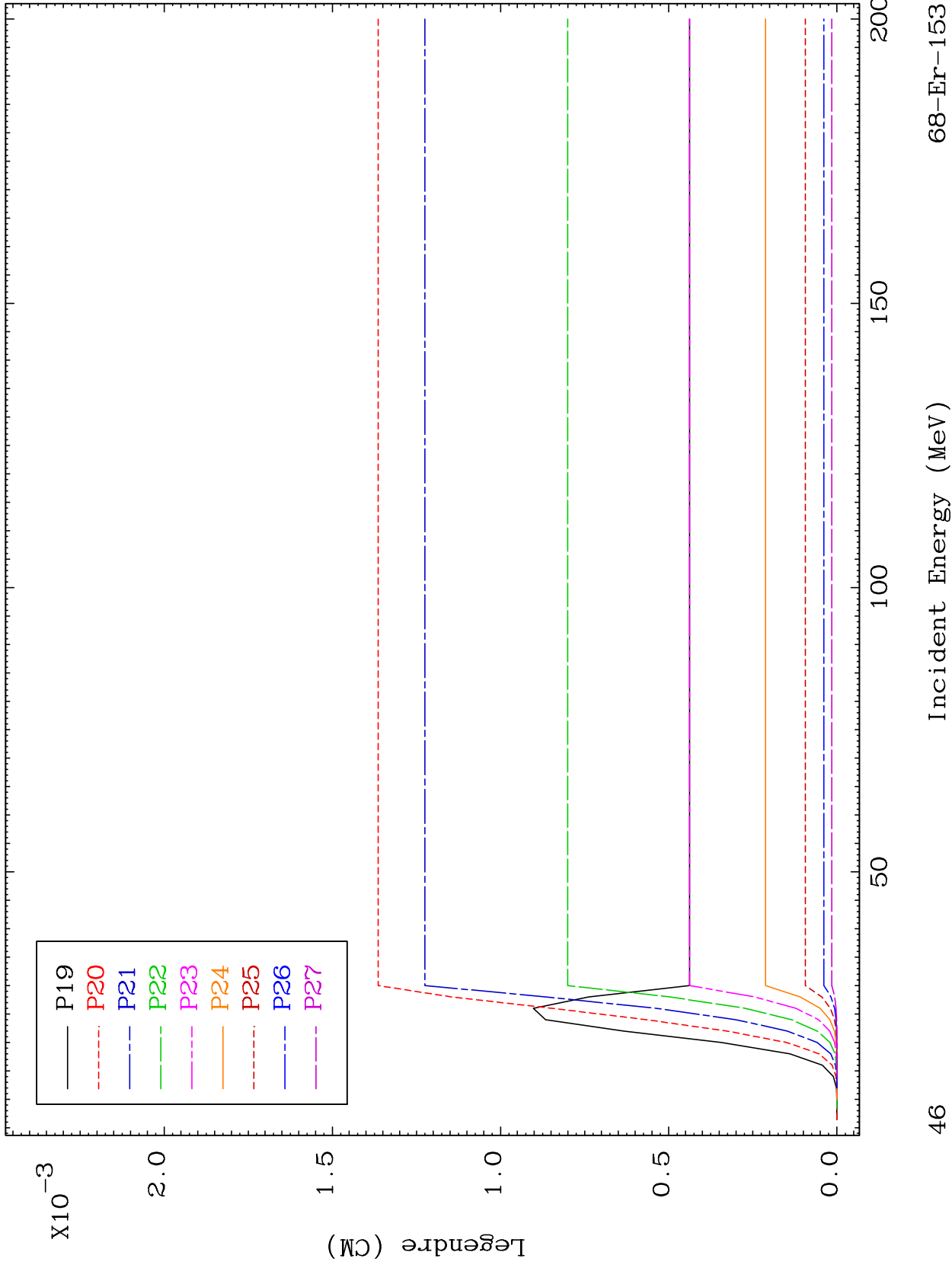
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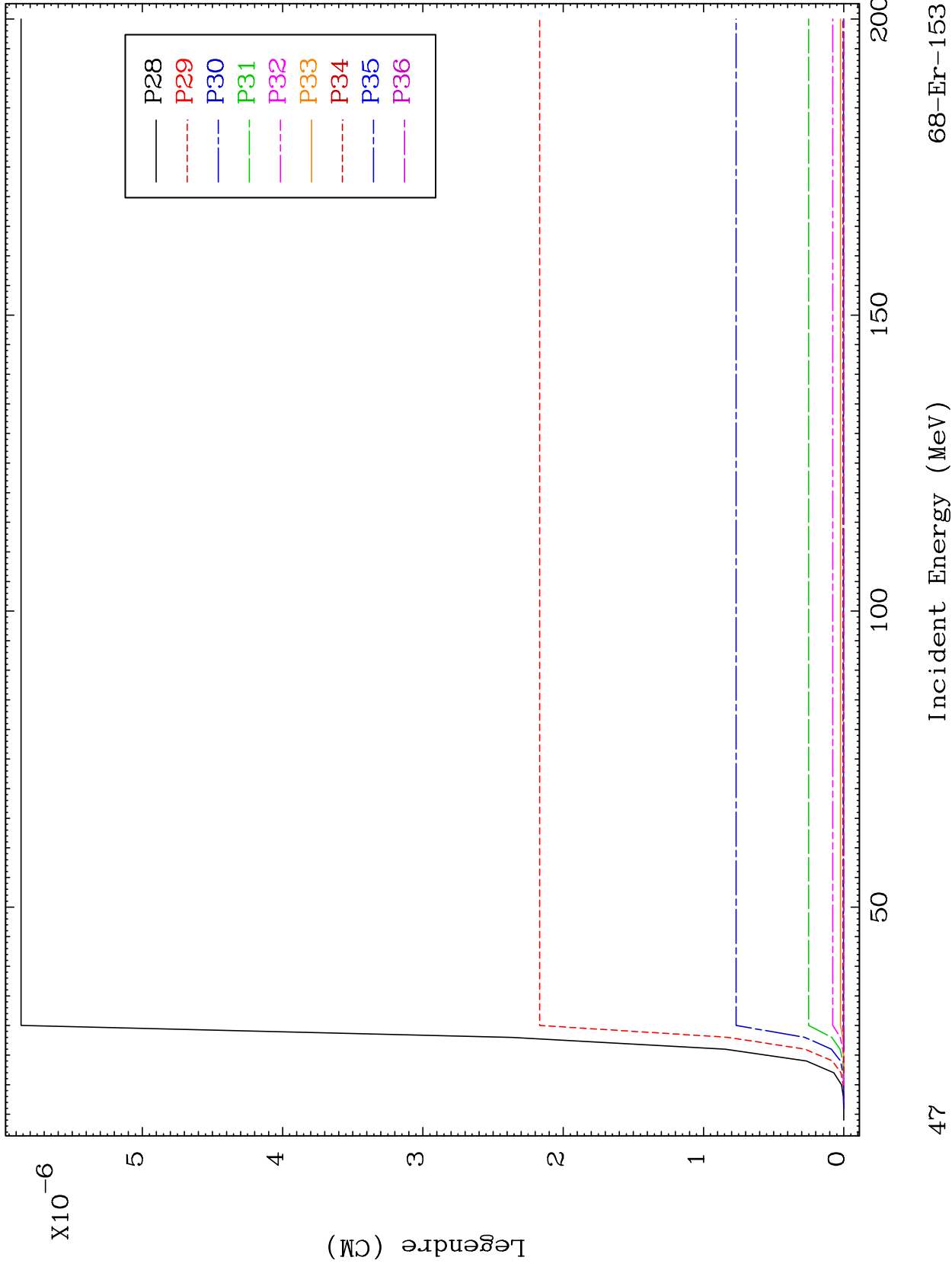


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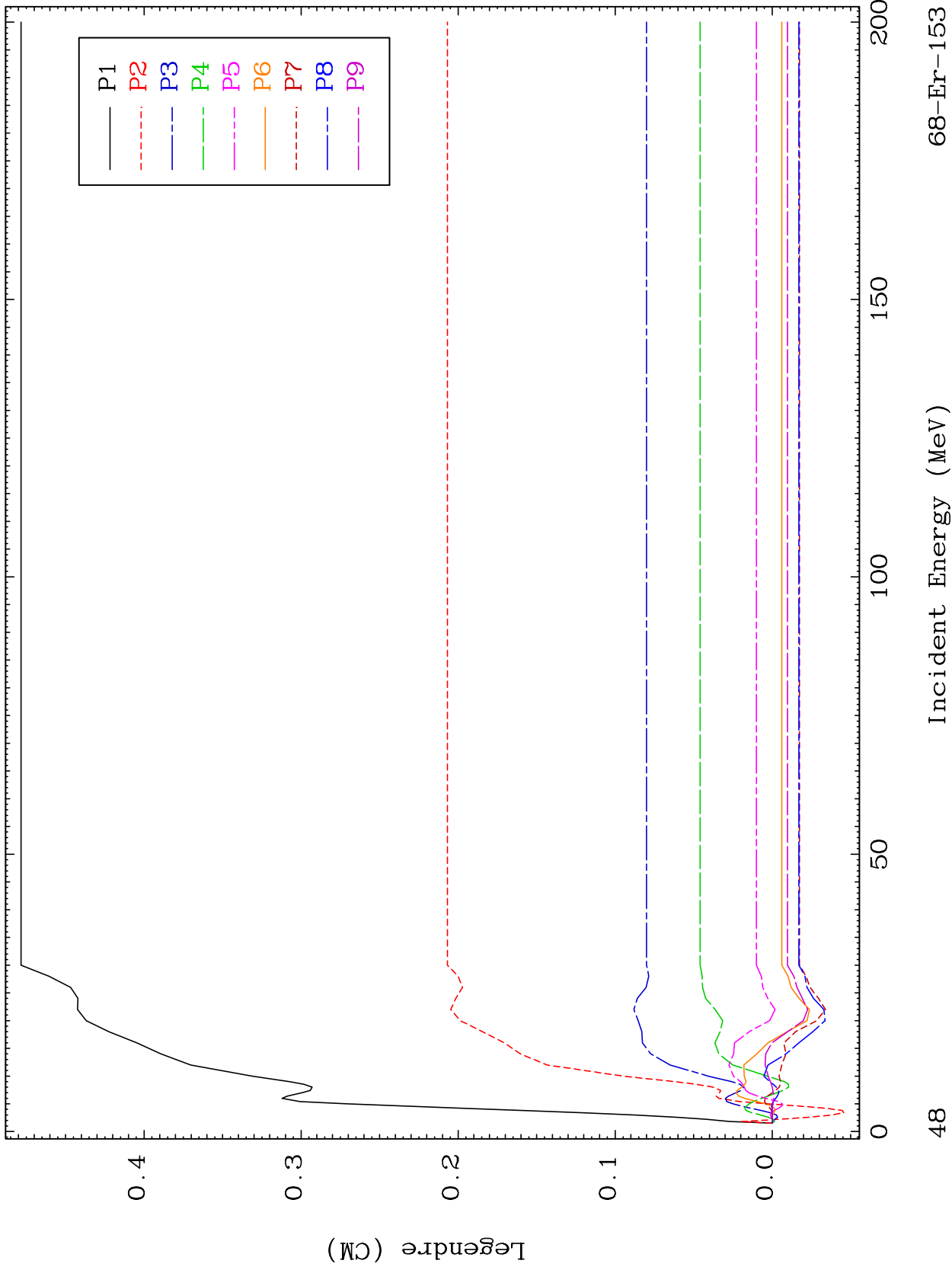
Incident Energy (MeV)

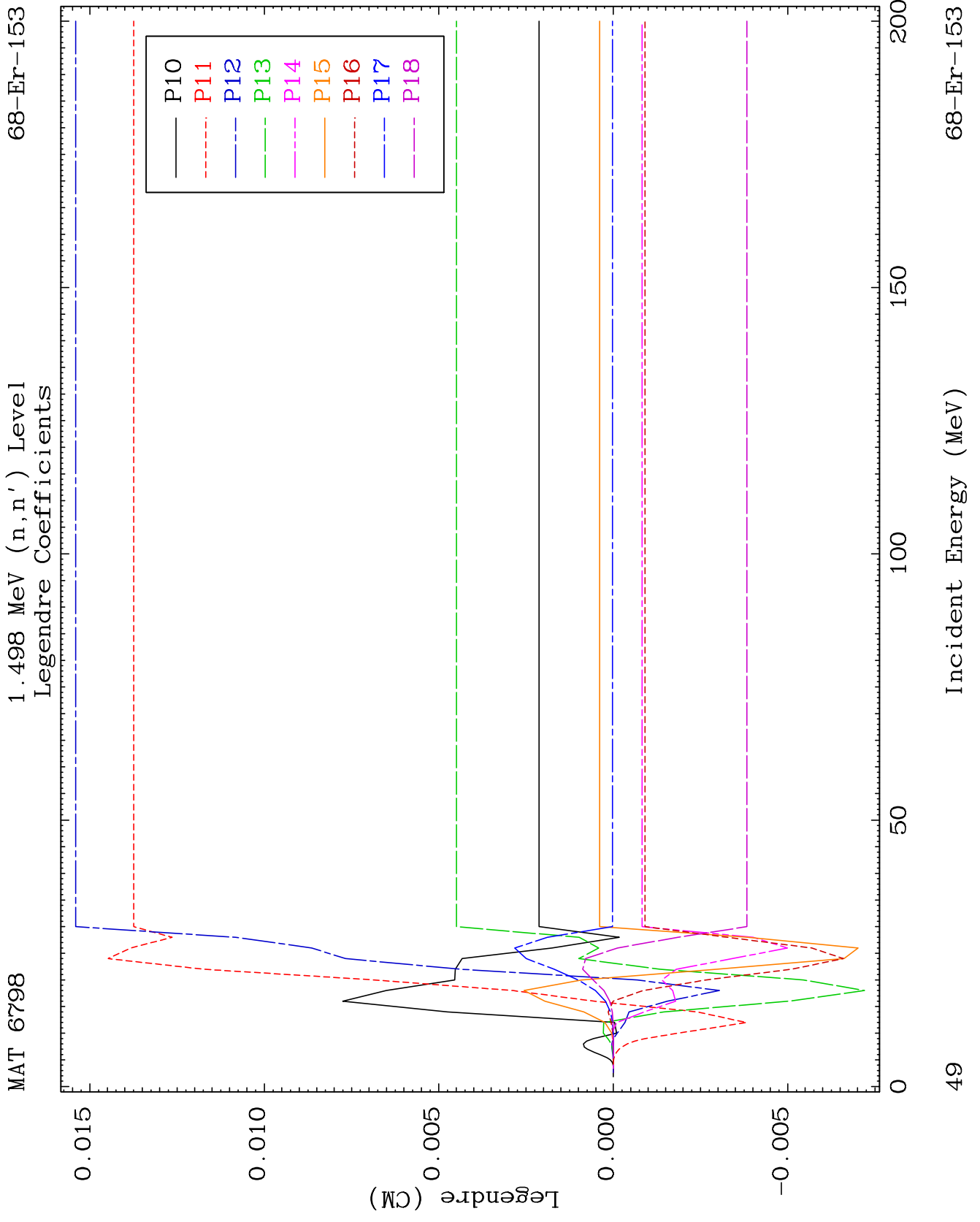
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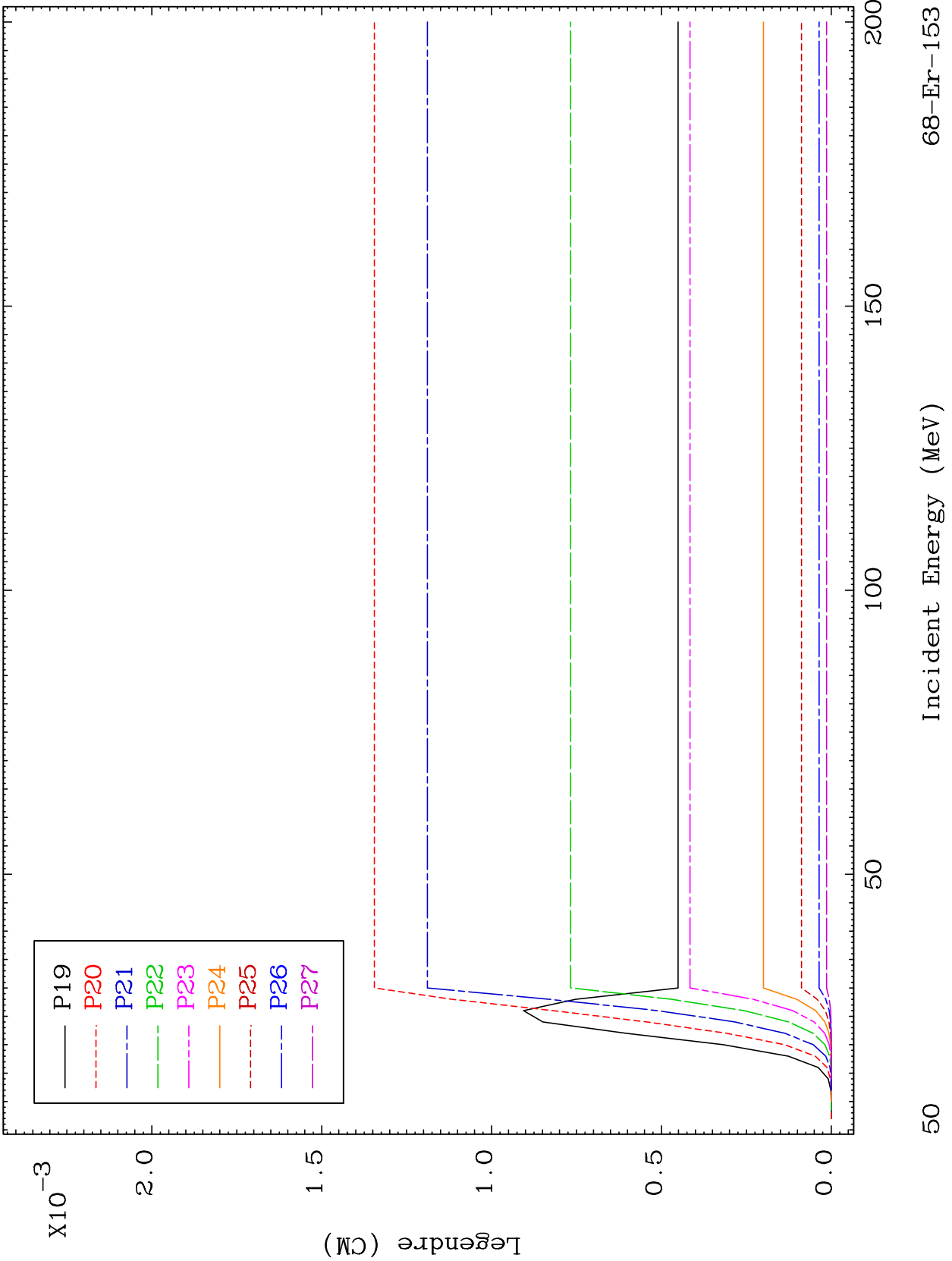


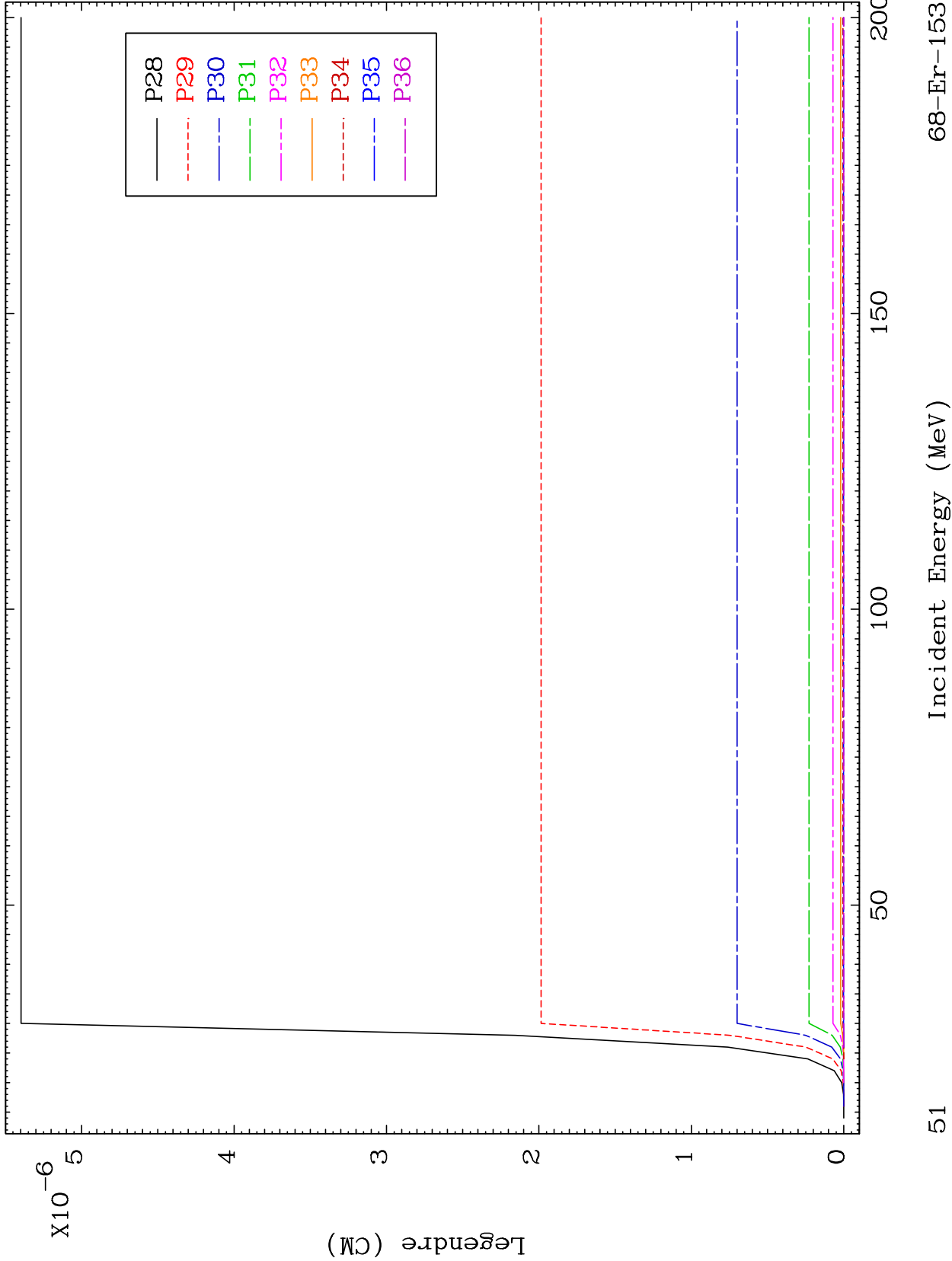




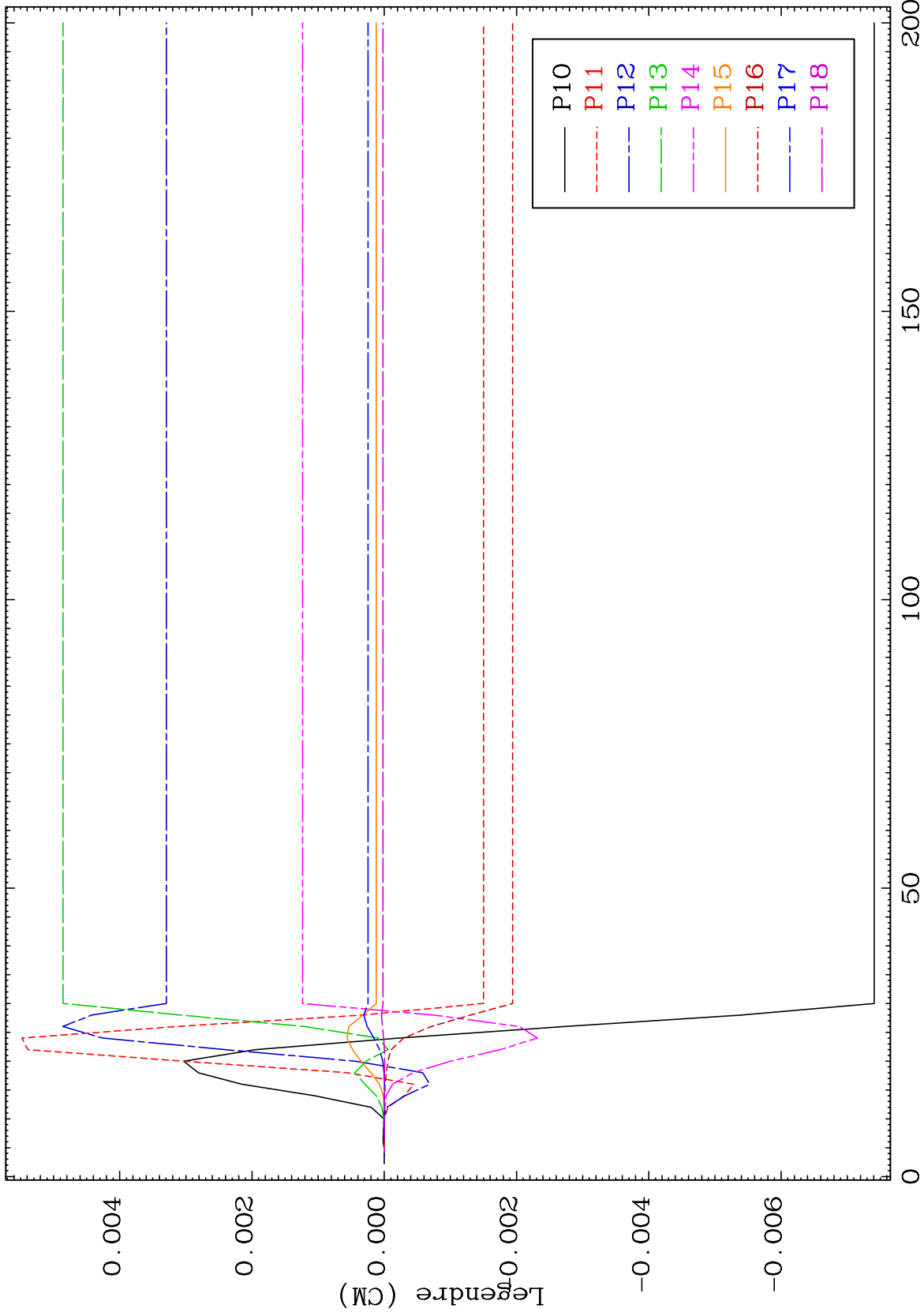


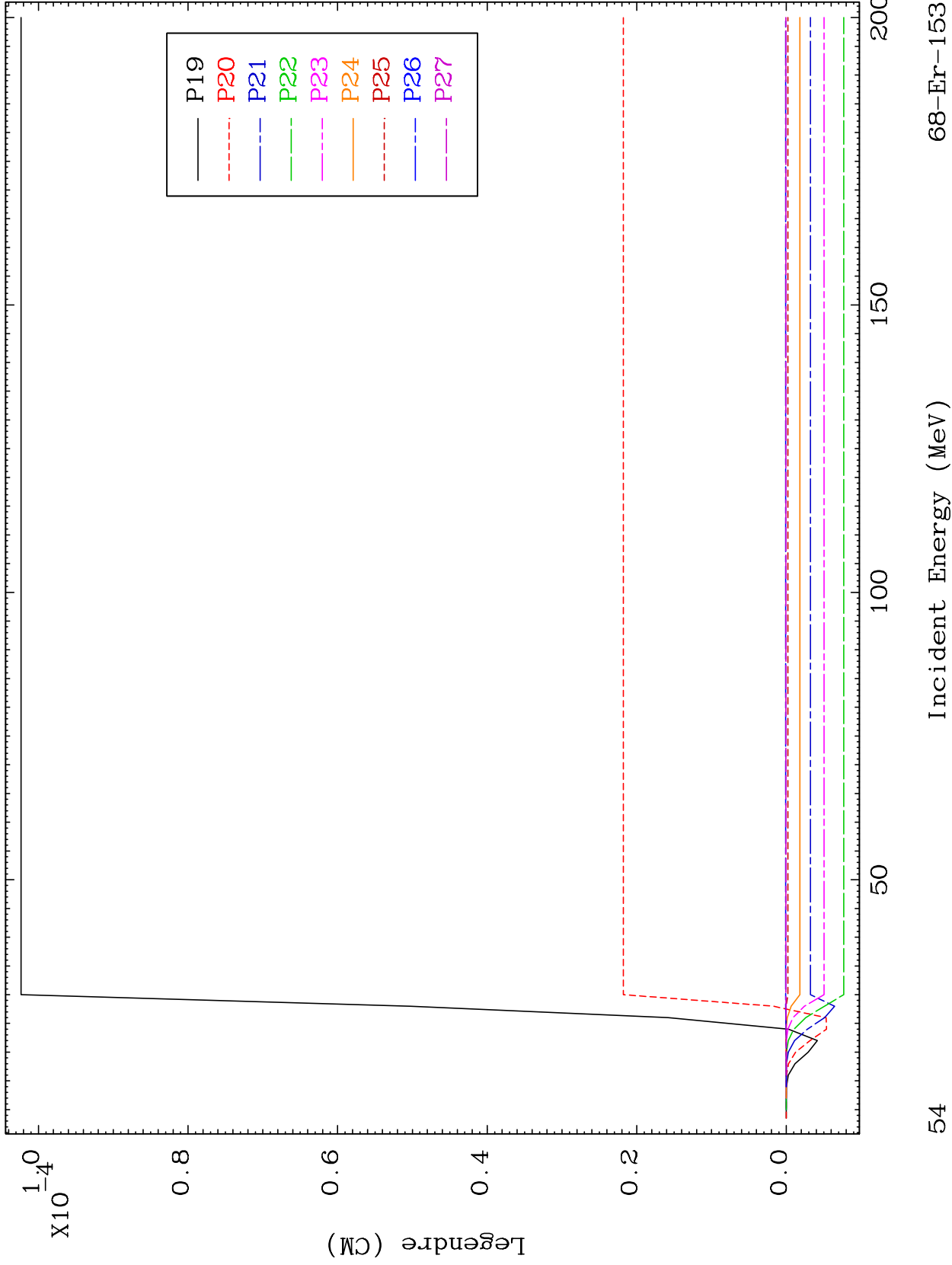








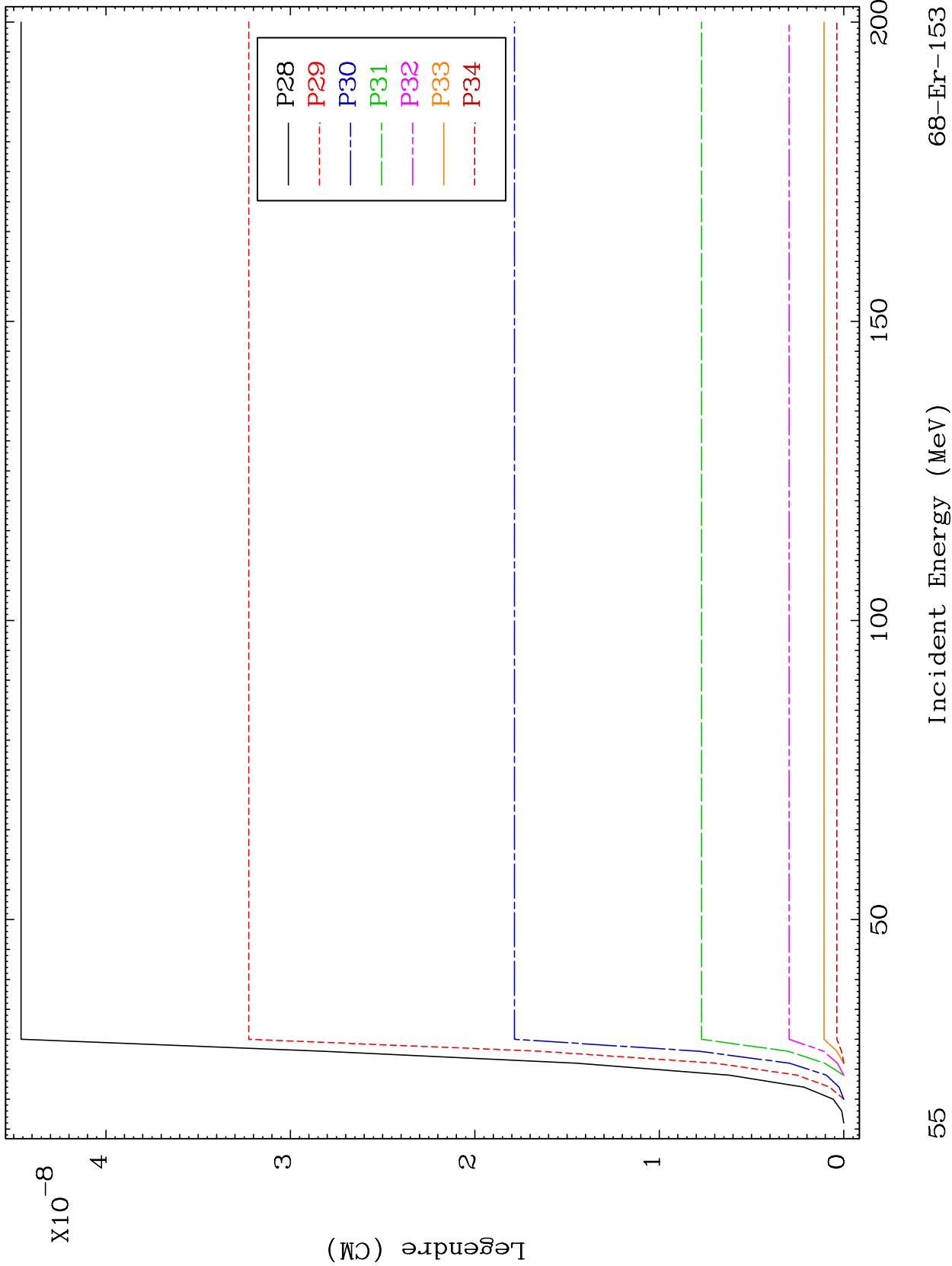




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1.699 MeV (n,n') Level  
Legendre Coefficients

68-Er-153



55

Incident Energy (MeV)

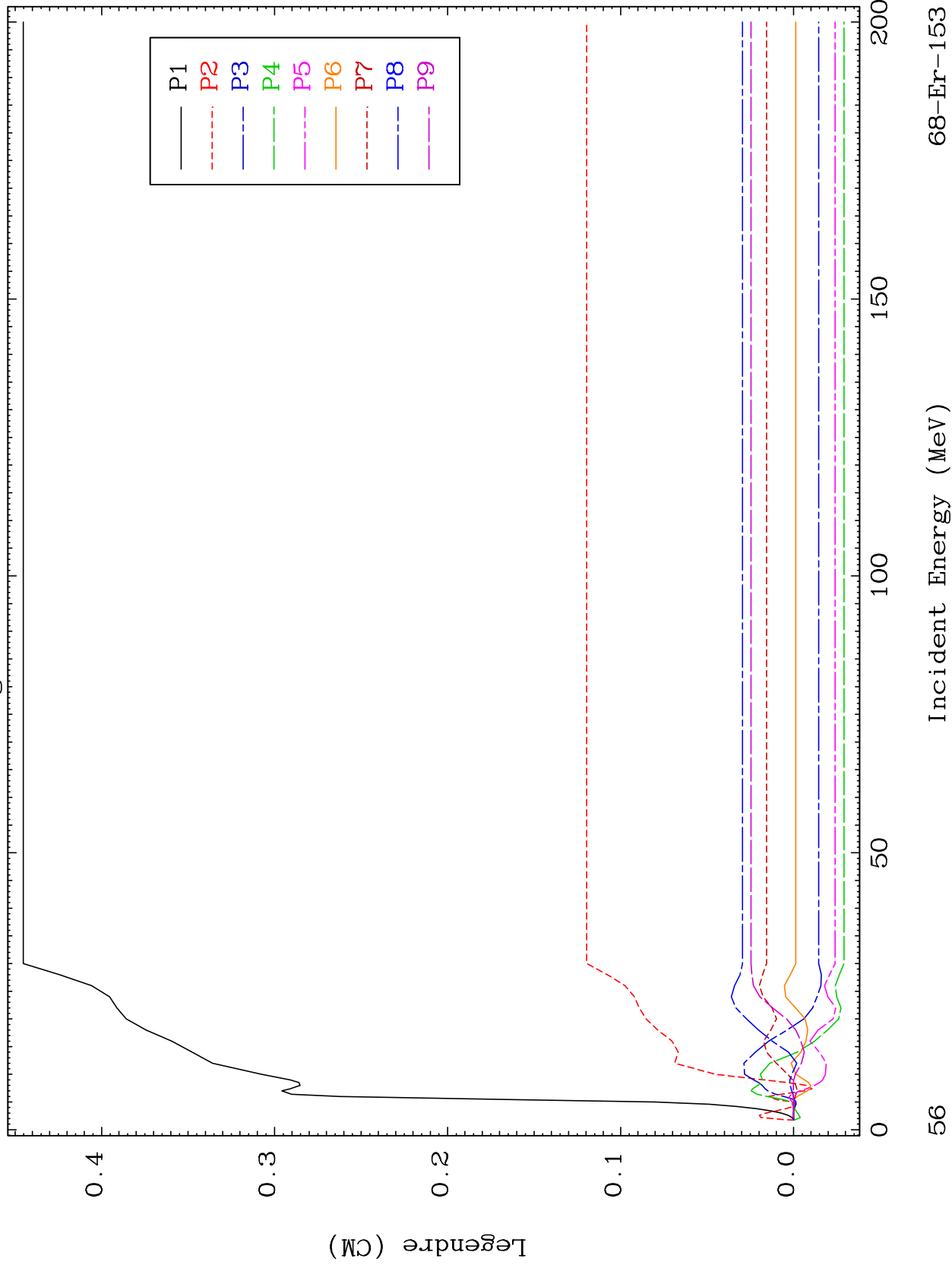
68-Er-153



MAT 6798

1.725 MeV (n,n') Level  
Legendre Coefficients

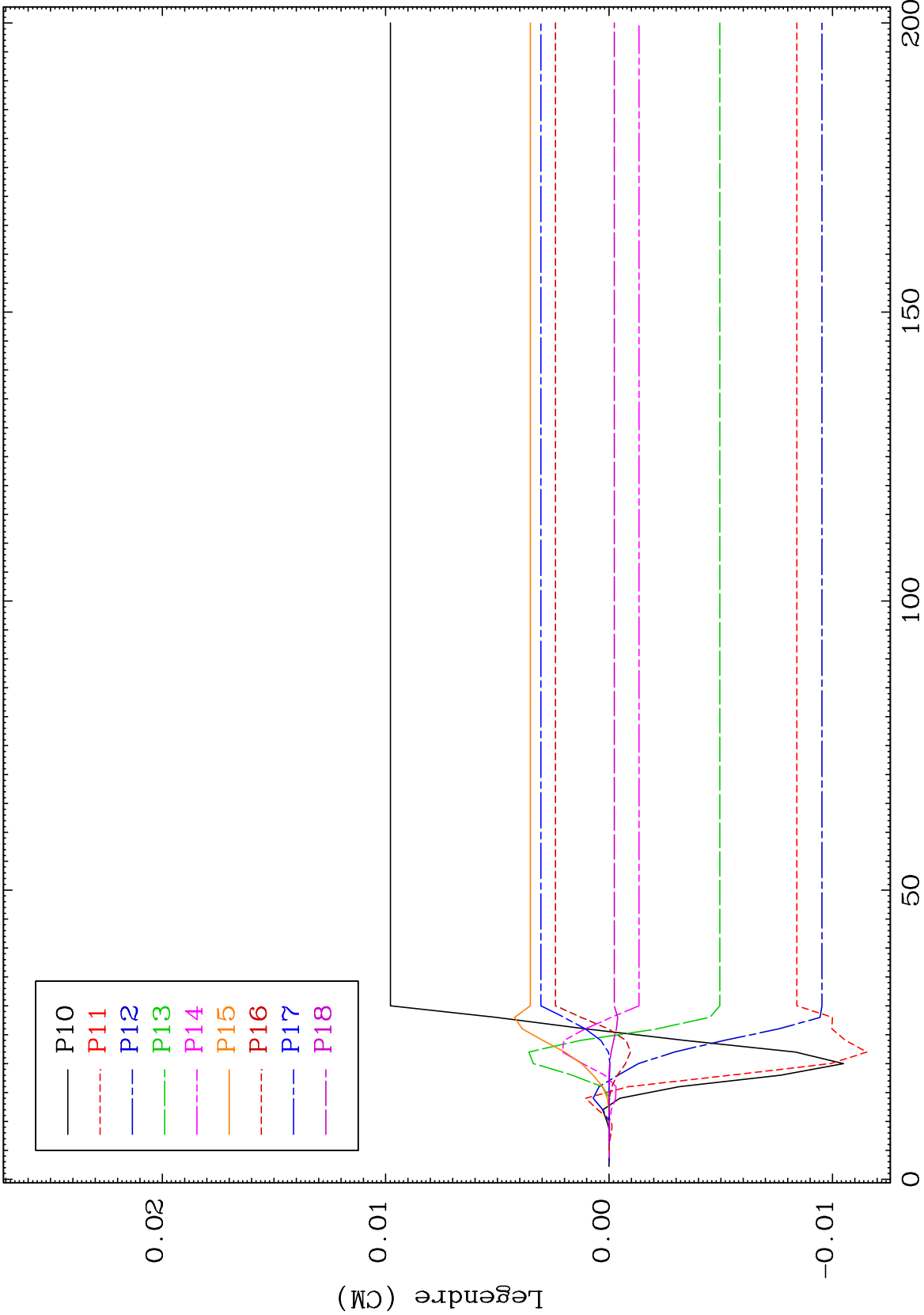
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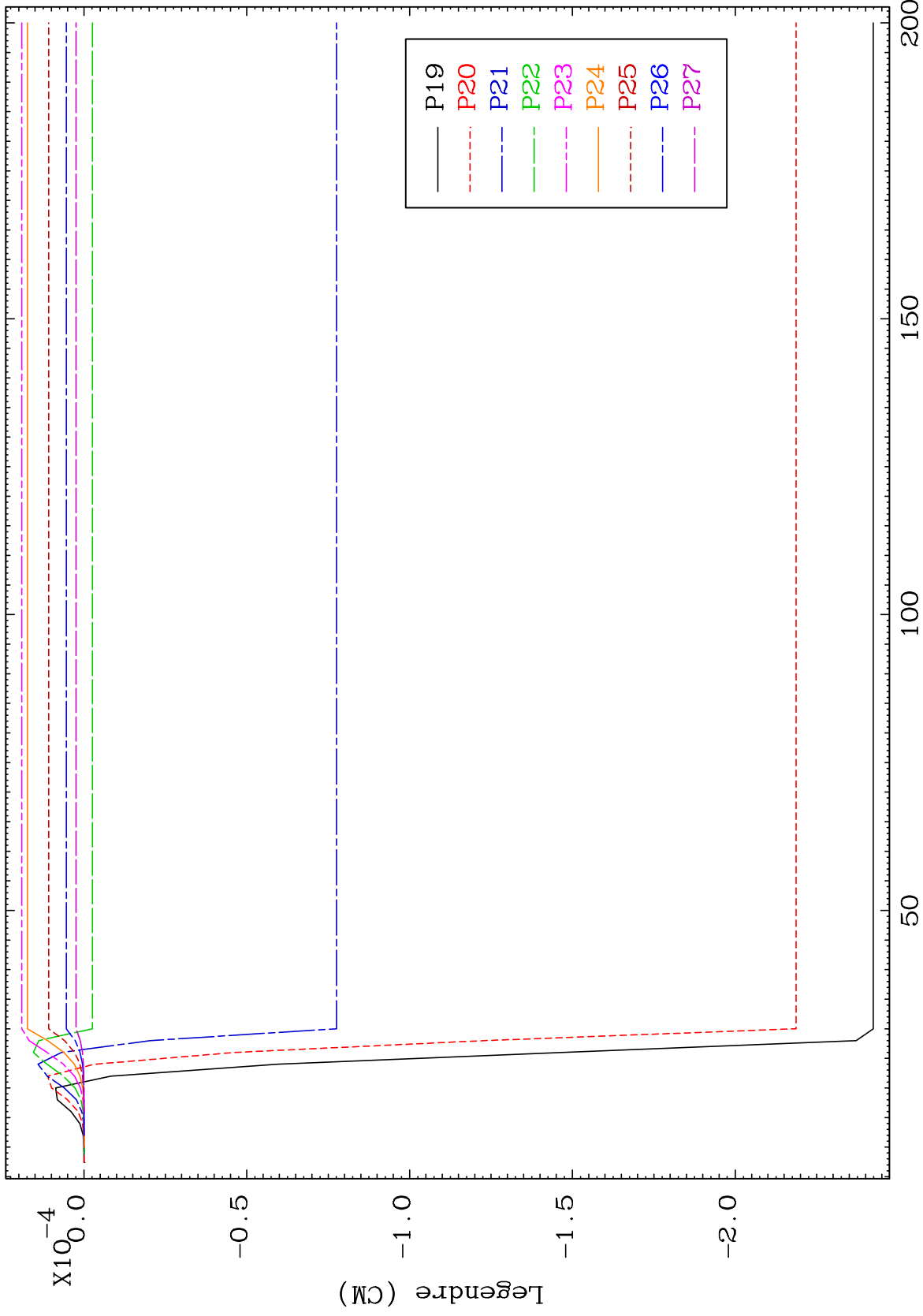


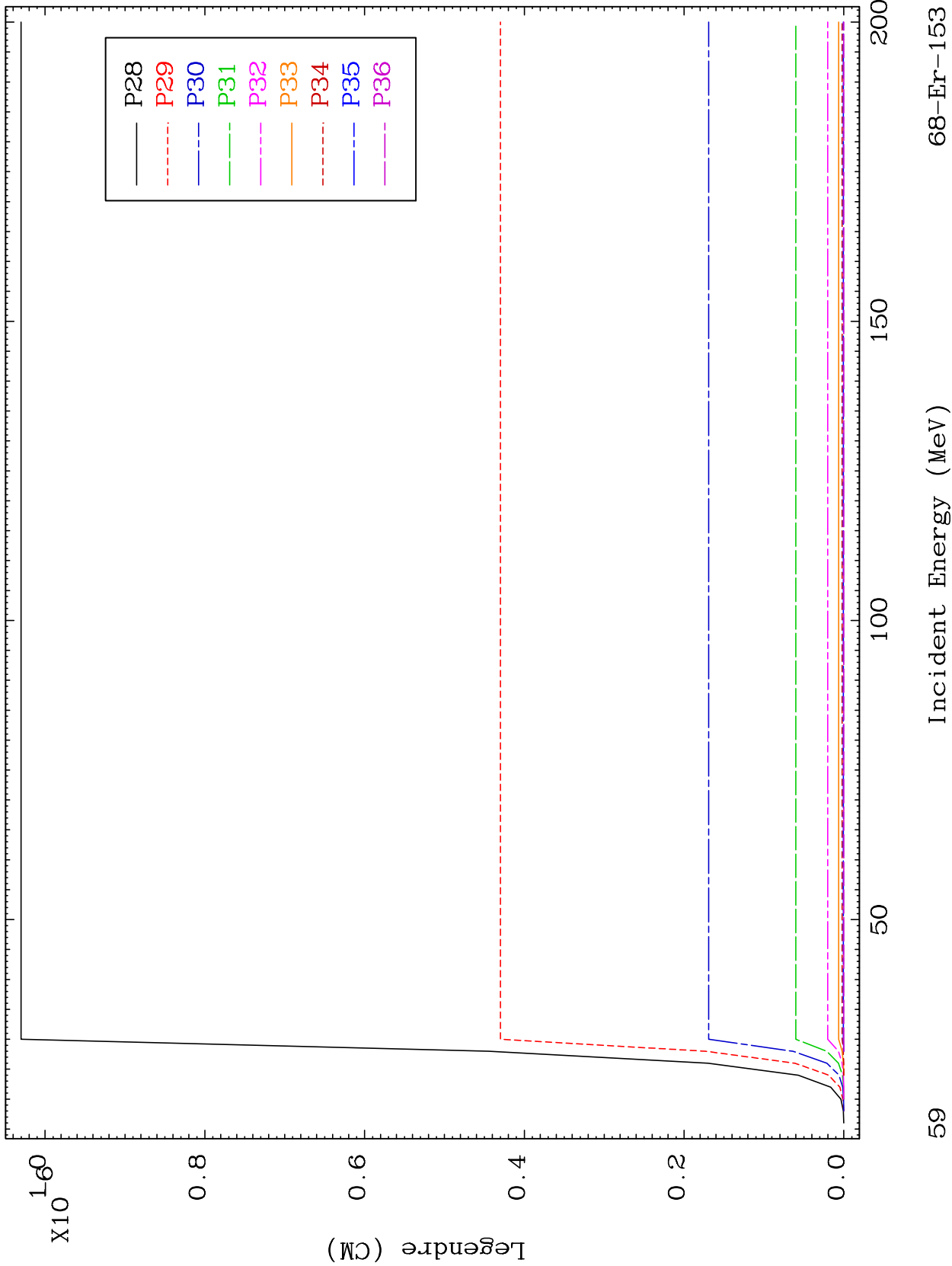
68-Er-153

Incident Energy (MeV)

56



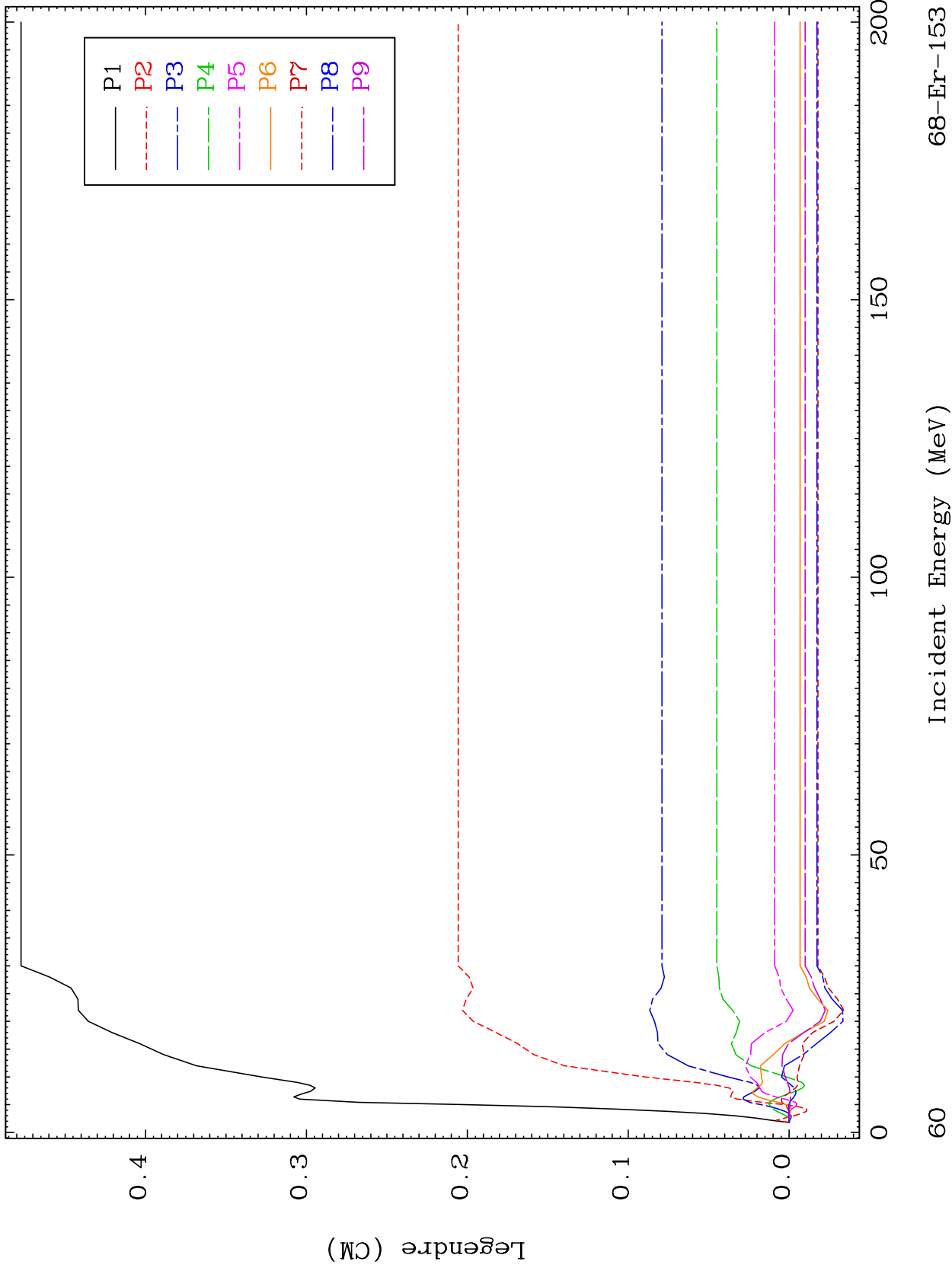




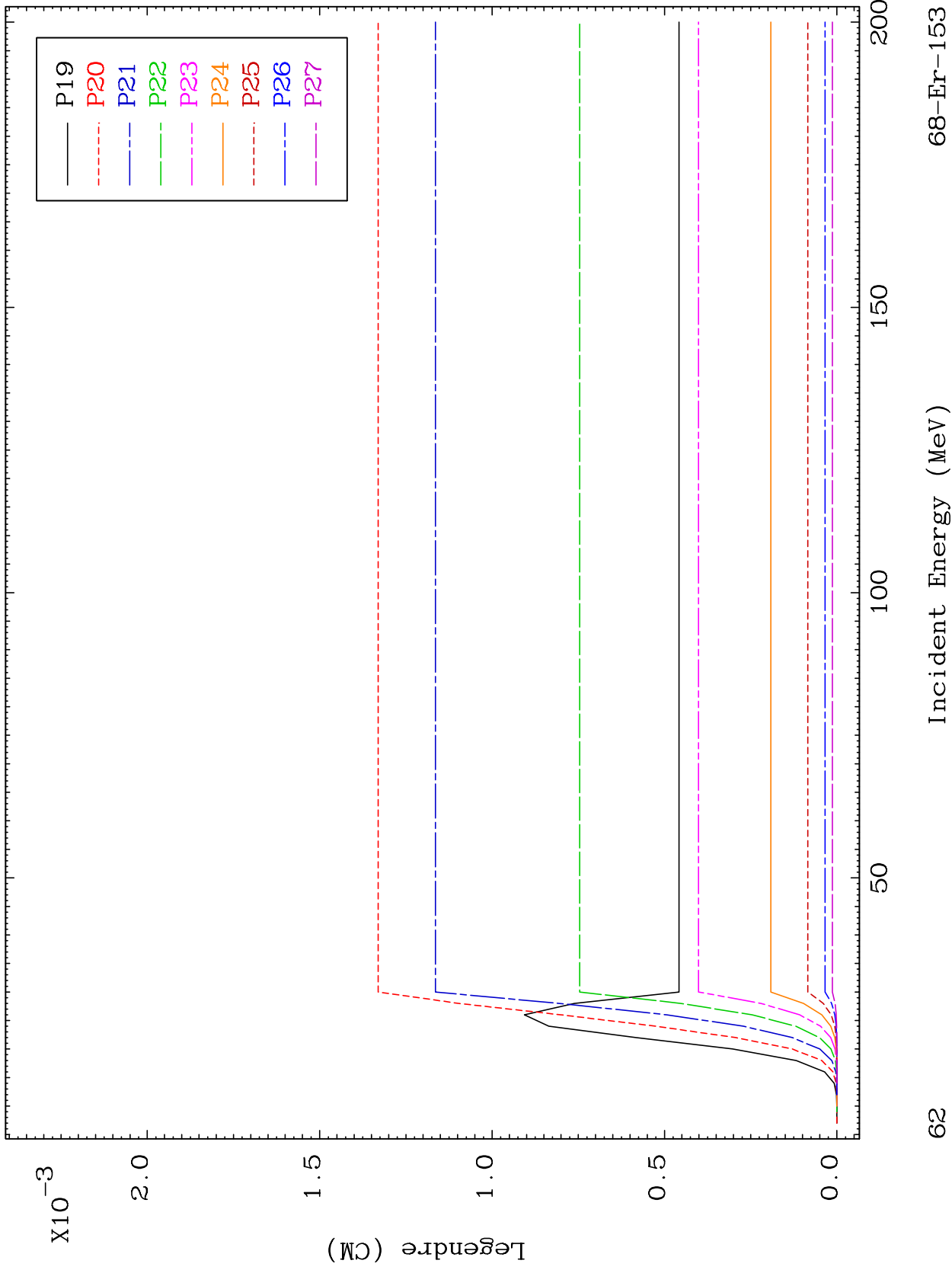
MAT 6798

1.731 MeV (n,n') Level  
Legendre Coefficients

68-Er-153



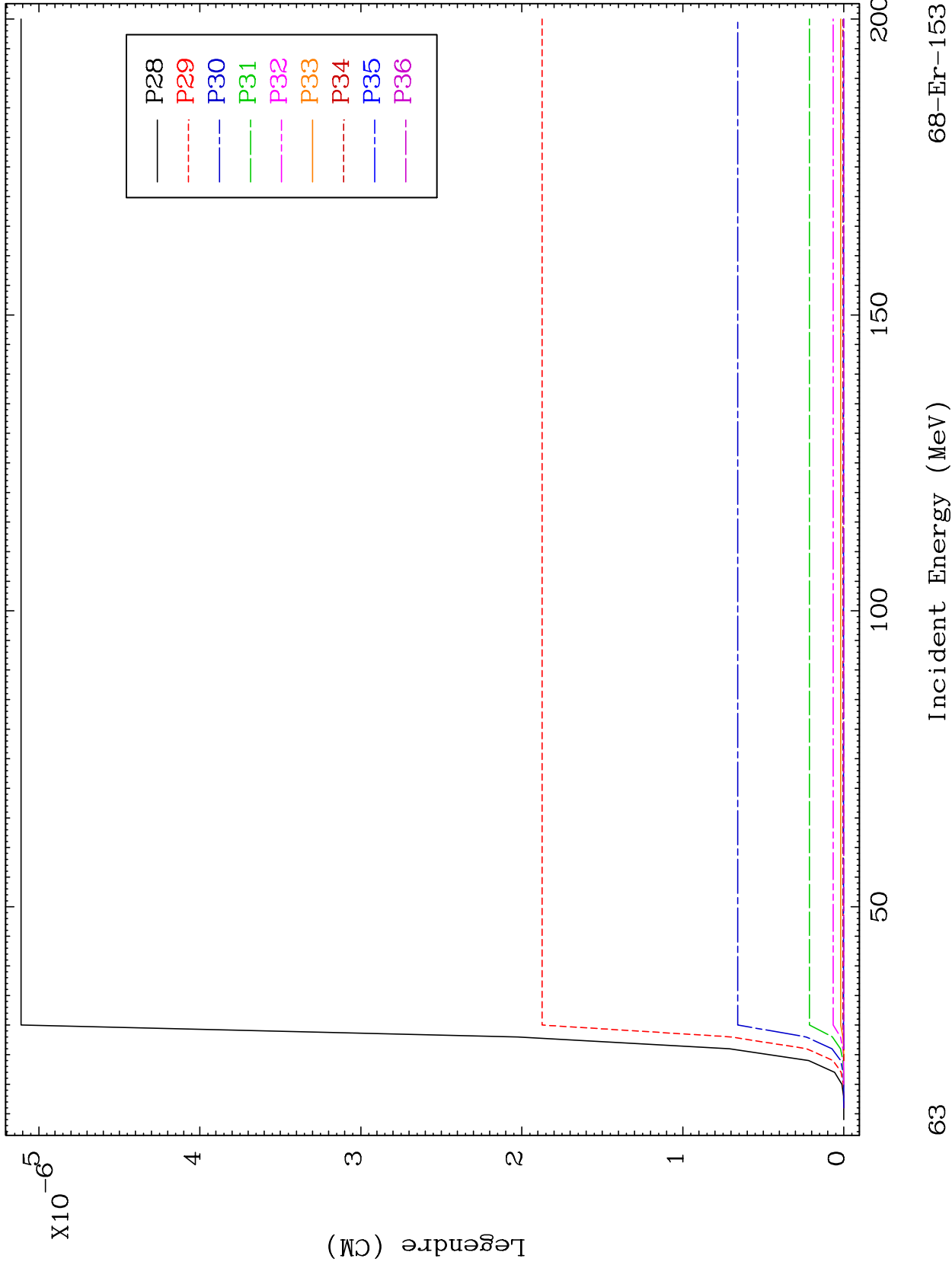




MAT 6798

1.731 MeV (n,n') Level  
Legendre Coefficients

68-Er-153



63

68-Er-153

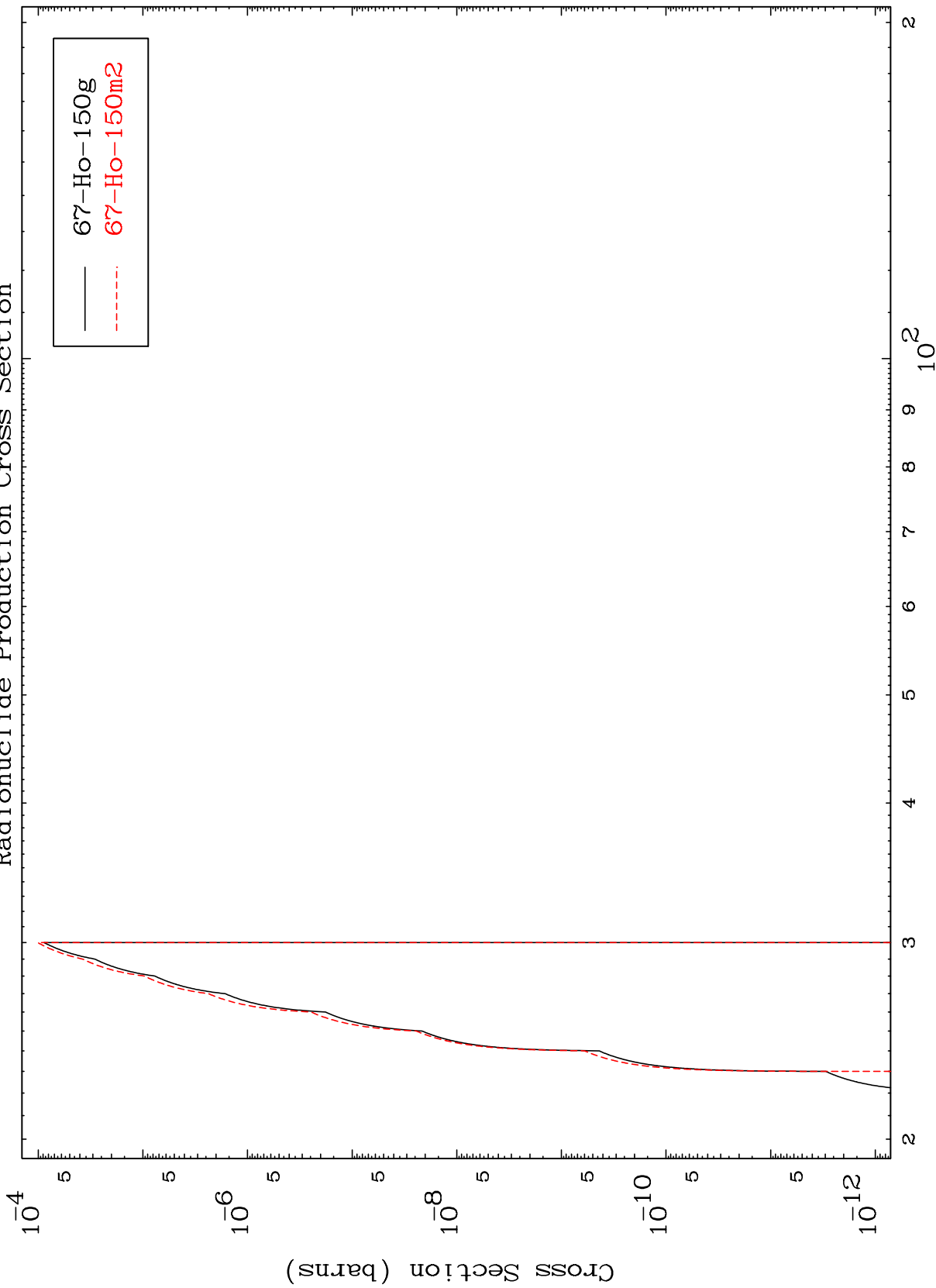


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(n,2n) d

68-Er-153

Radionuclide Production Cross Section



64

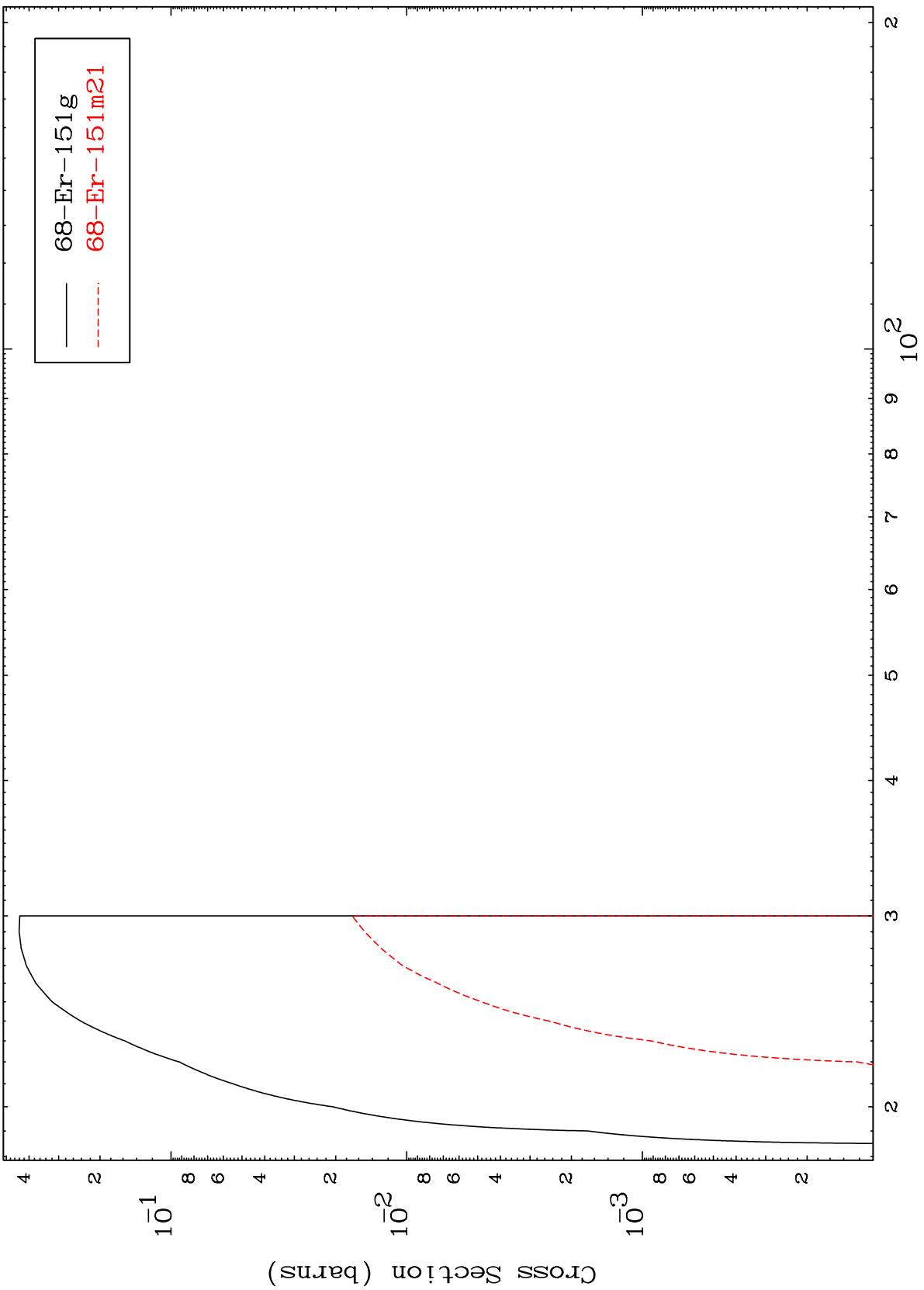
Incident Energy (MeV)

68-Er-153

MAT 6798

68-Er-153

(n,3n)  
Radionuclide Production Cross Section



68-Er-151g  
68-Er-151m21

65

68-Er-153

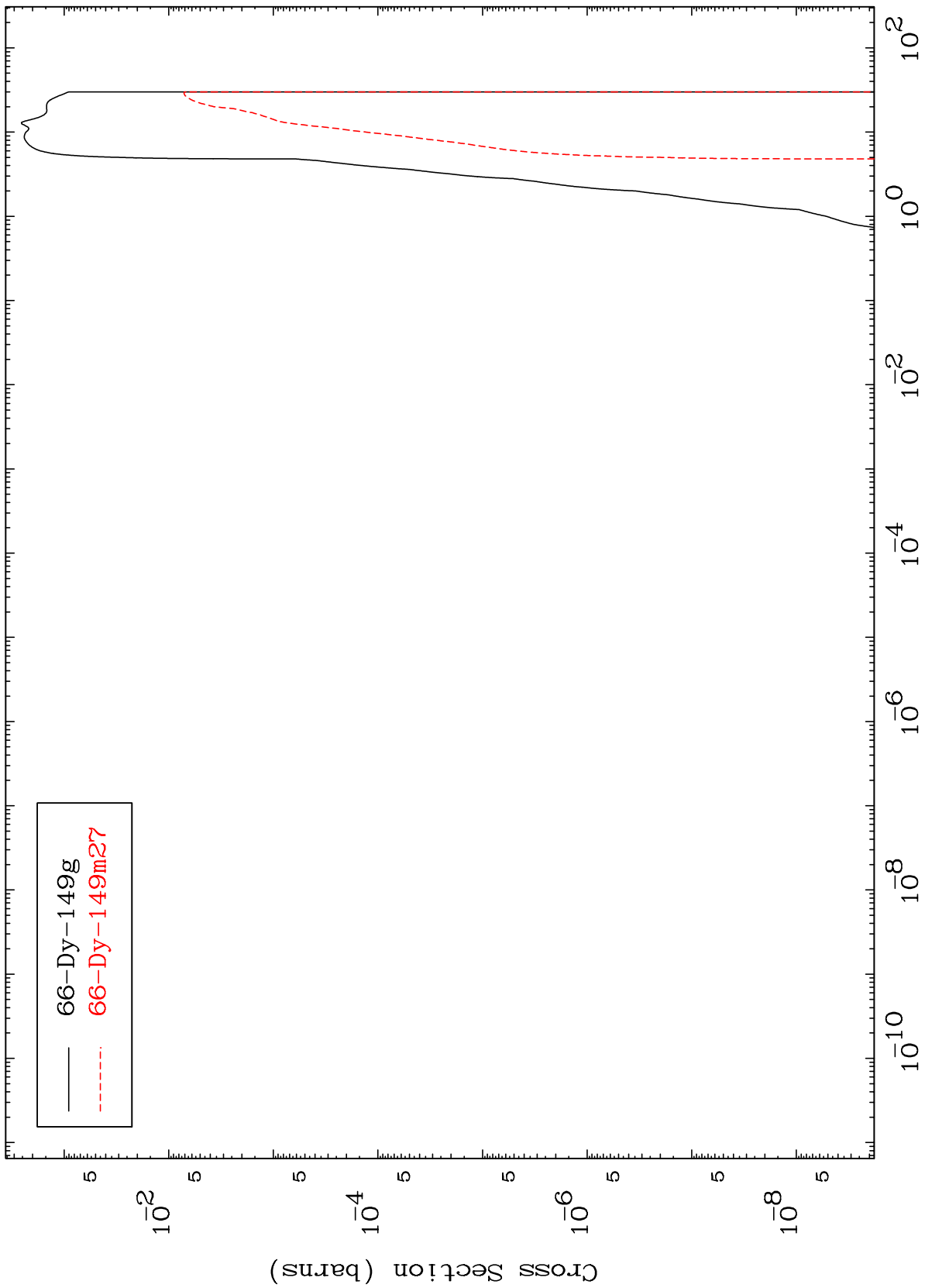
Incident Energy (MeV)

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$(n, n') \alpha$

68-Er-153

Radionuclide Production Cross Section



66

Incident Energy (MeV)

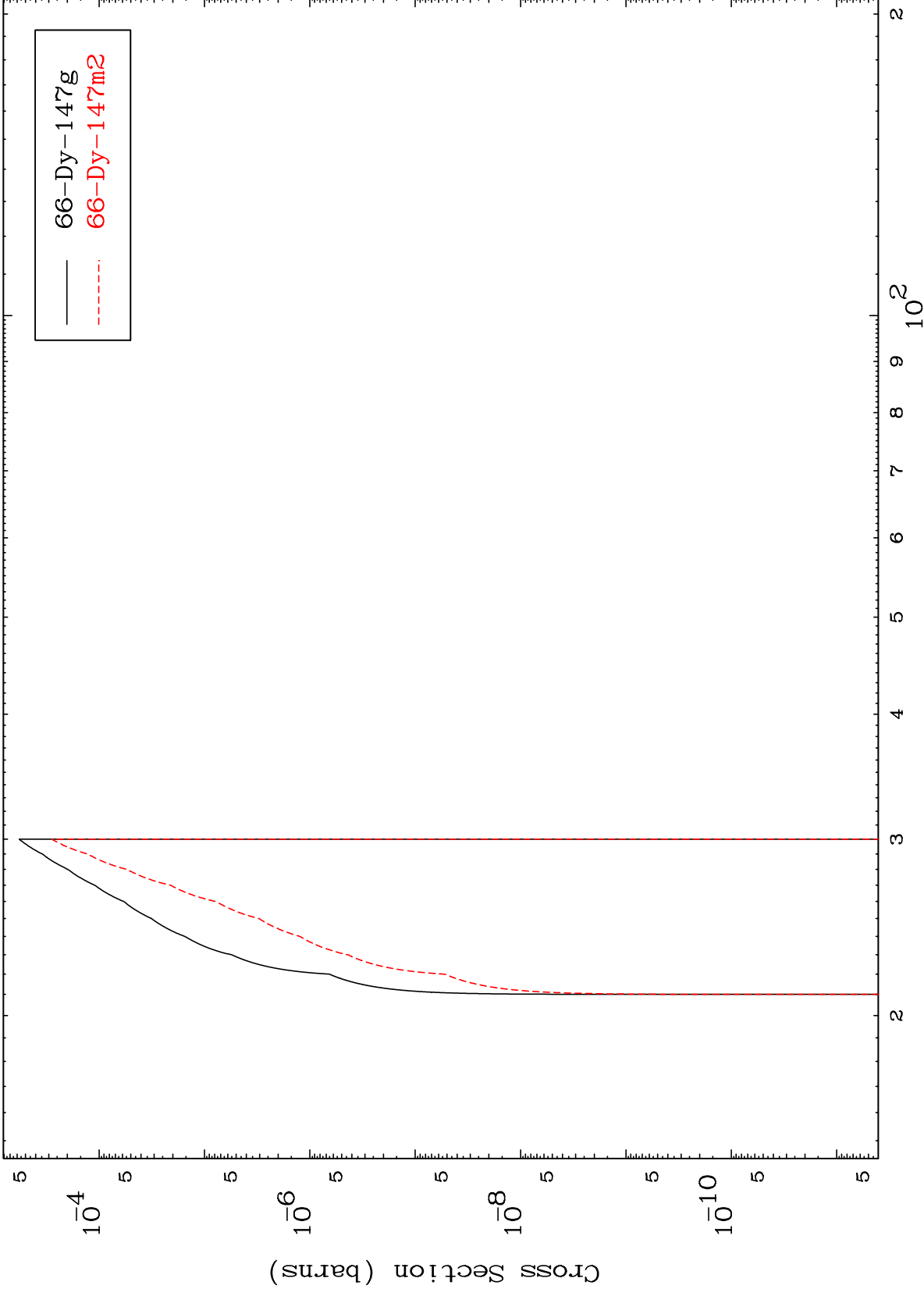
68-Er-153

MAT 6798

(n,3n)  $\alpha$

68-Er-153

Radionuclide Production Cross Section



67

Incident Energy (MeV)

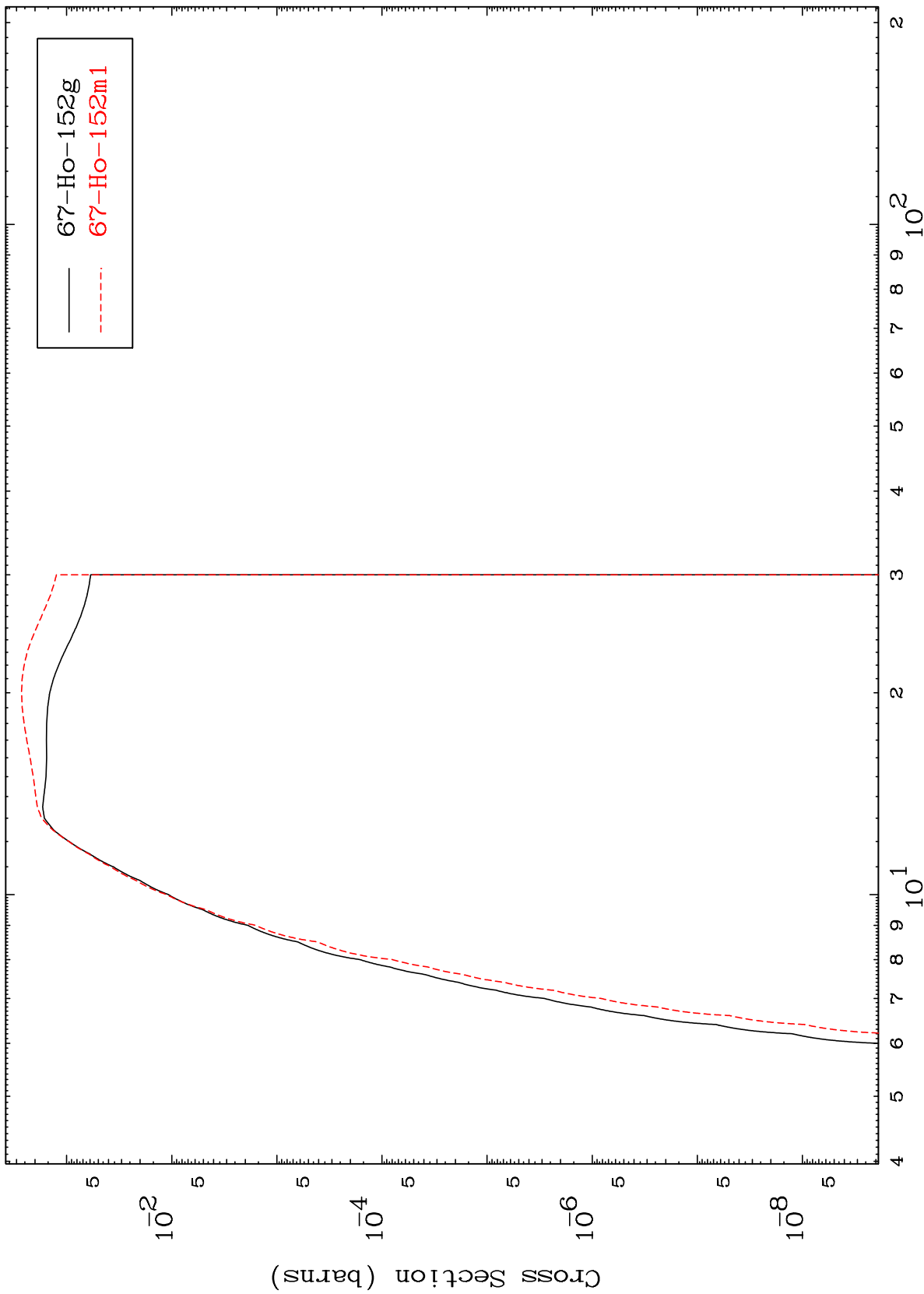
68-Er-153

MAT 6798

(n,n') p

68-Er-153

Radionuclide Production Cross Section



68

Incident Energy (MeV)

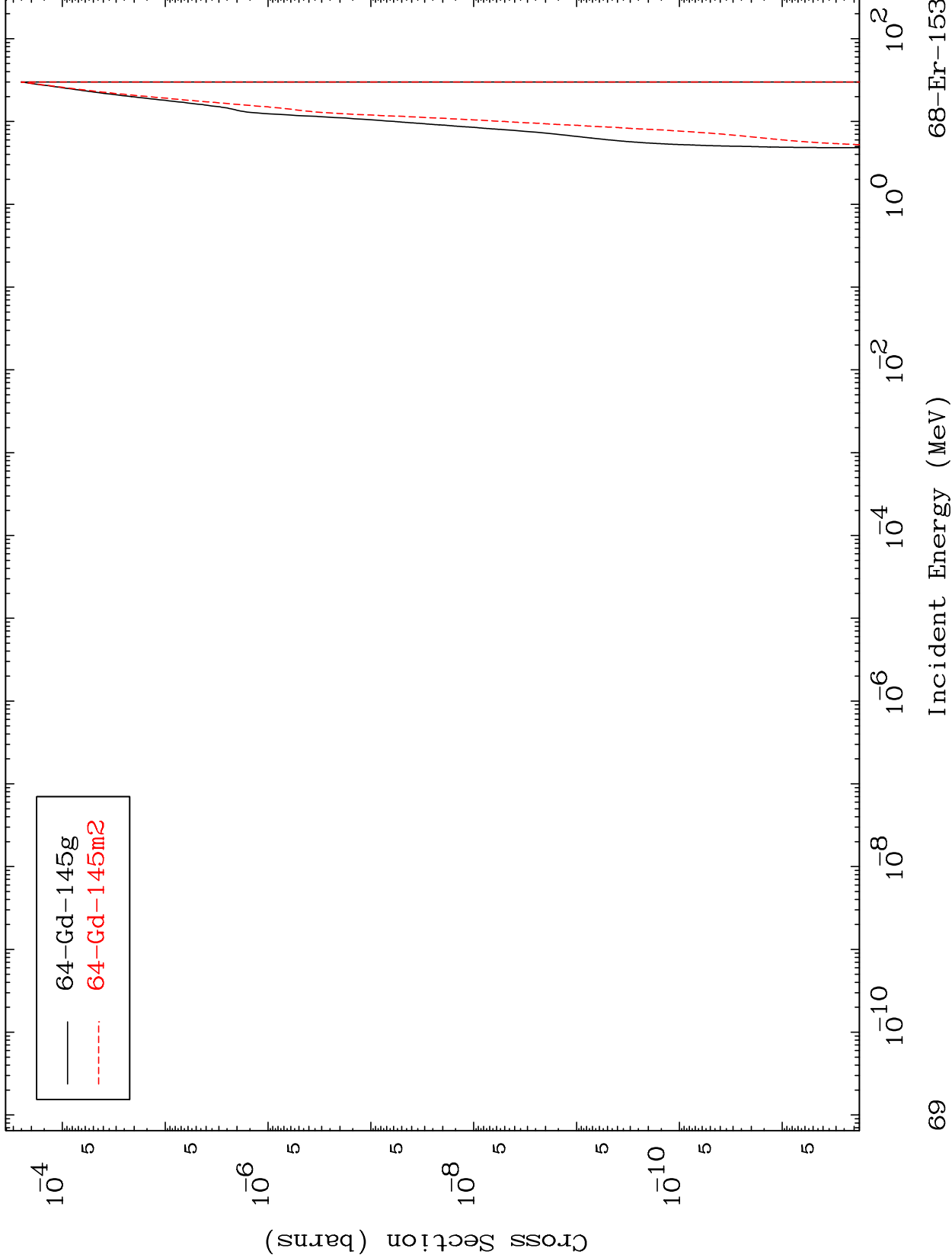
68-Er-153

MAT 6798

(n,n') 2 $\alpha$

68-Er-153

Radionuclide Production Cross Section



69

Incident Energy (MeV)

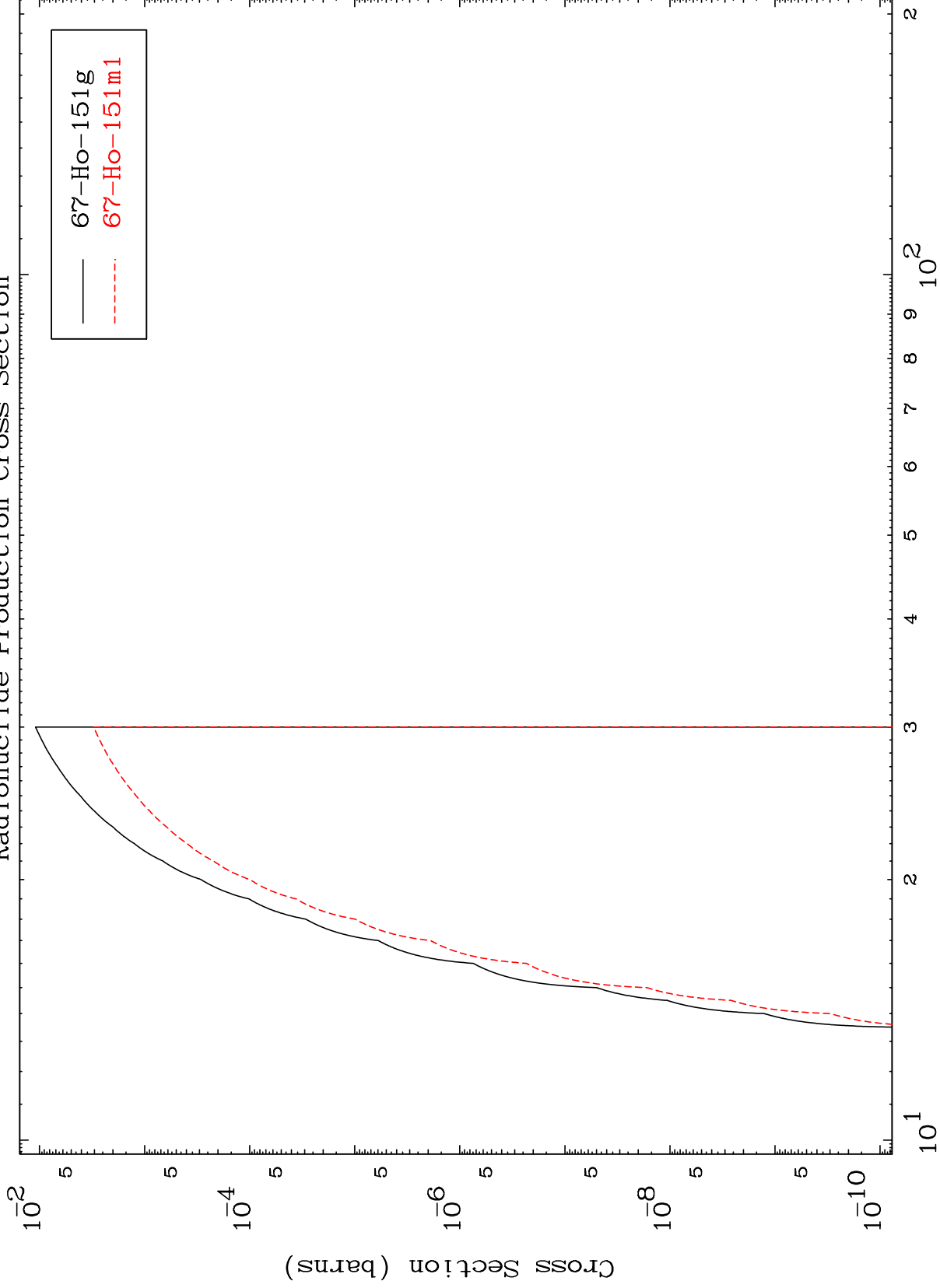
68-Er-153

MAT 6798

(n,n') d

68-Er-153

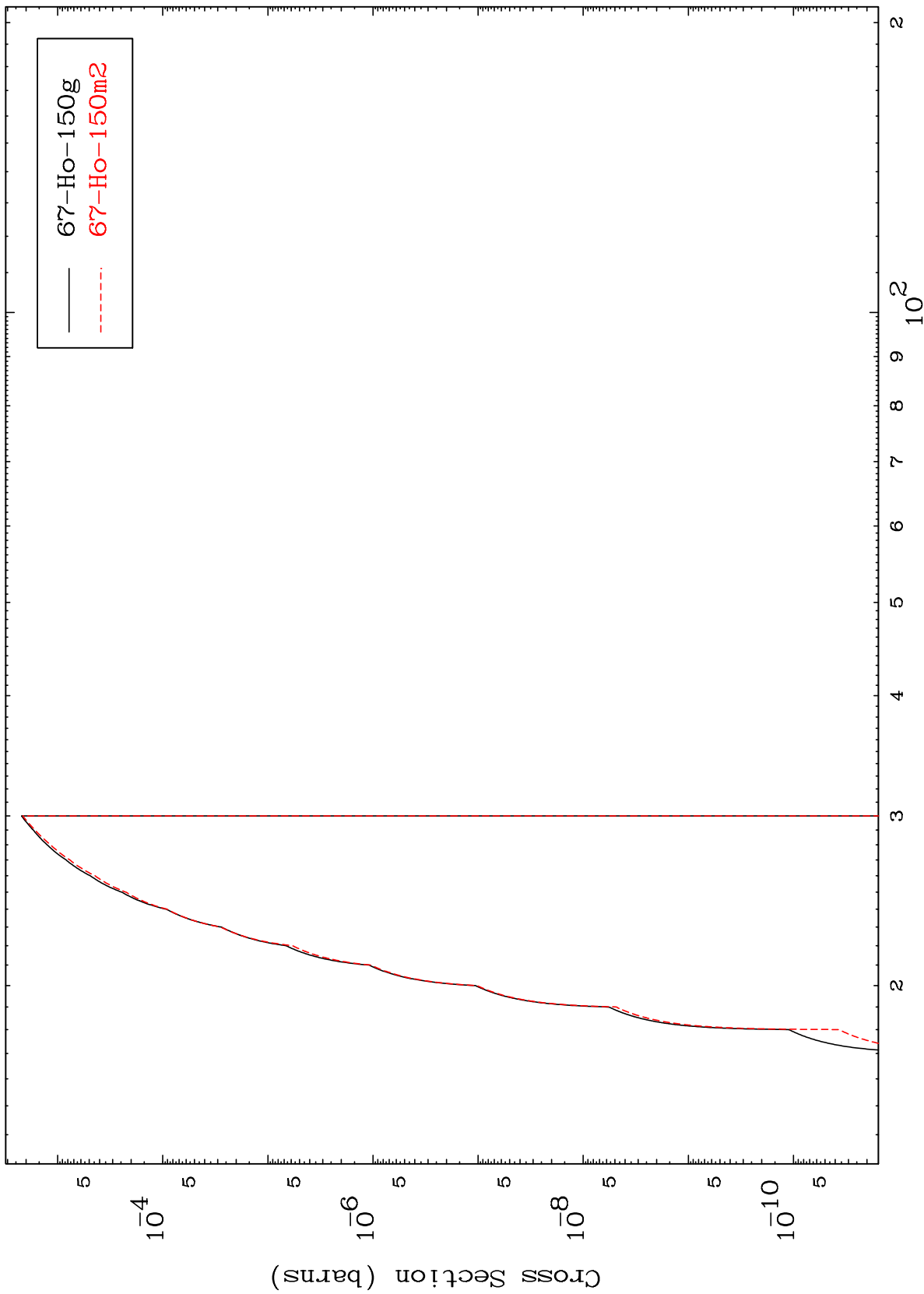
Radionuclide Production Cross Section



Incident Energy (MeV)

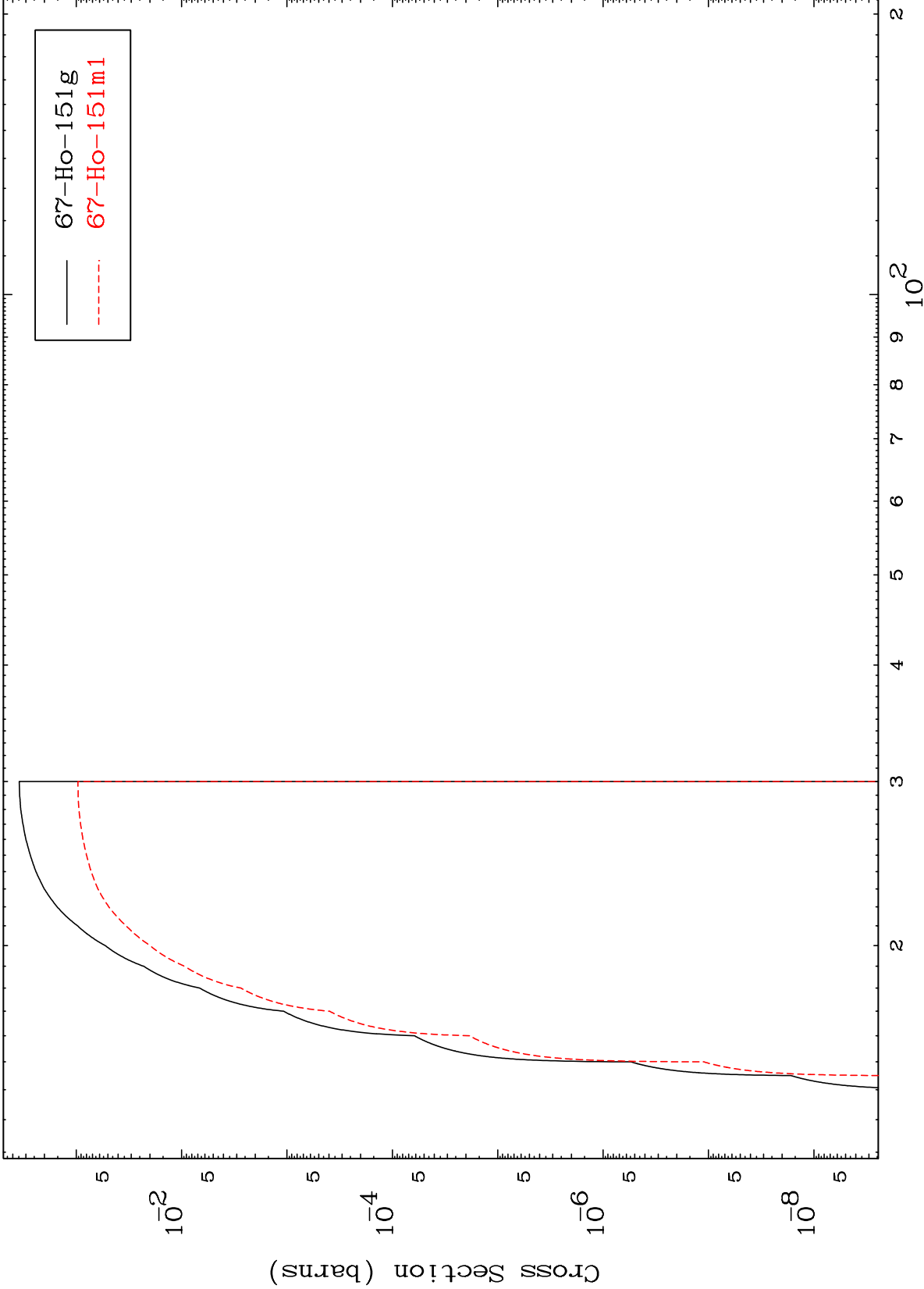
68-Er-153

Radionuclide Production Cross Section

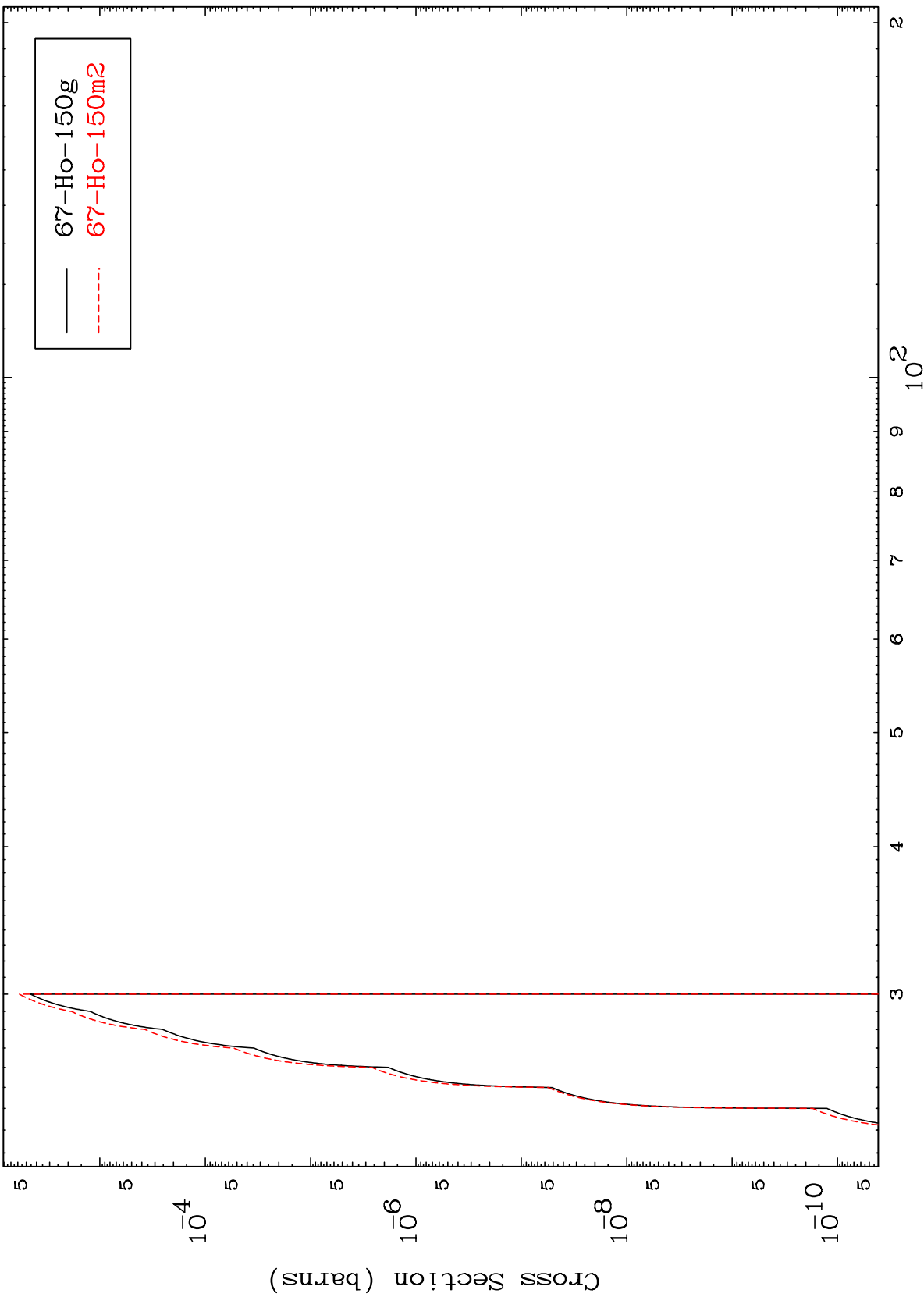




Radionuclide Production Cross Section



Radionuclide Production Cross Section

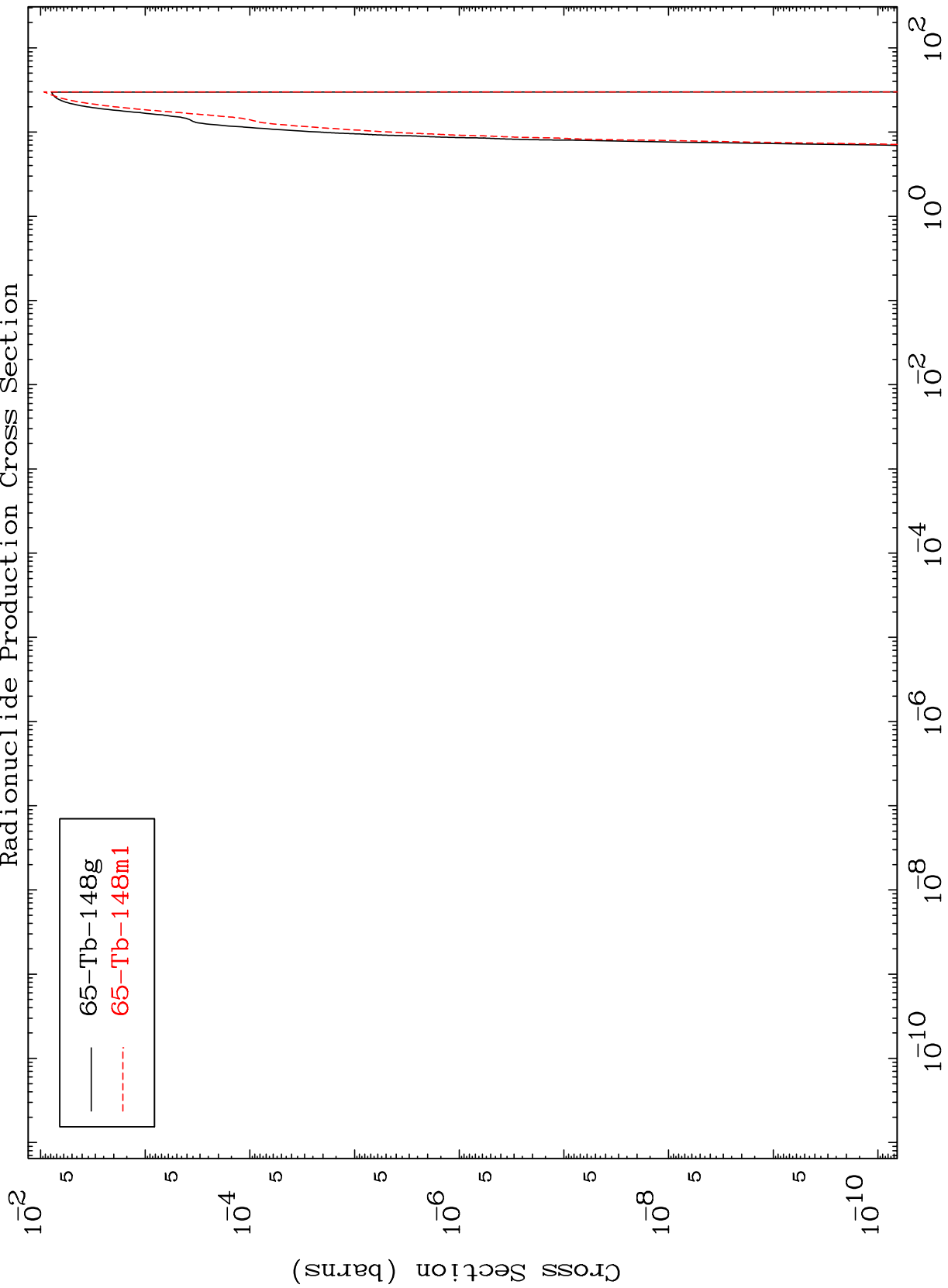


MAT 6798

(n,n') p  $\alpha$

68-Er-153

Radionuclide Production Cross Section



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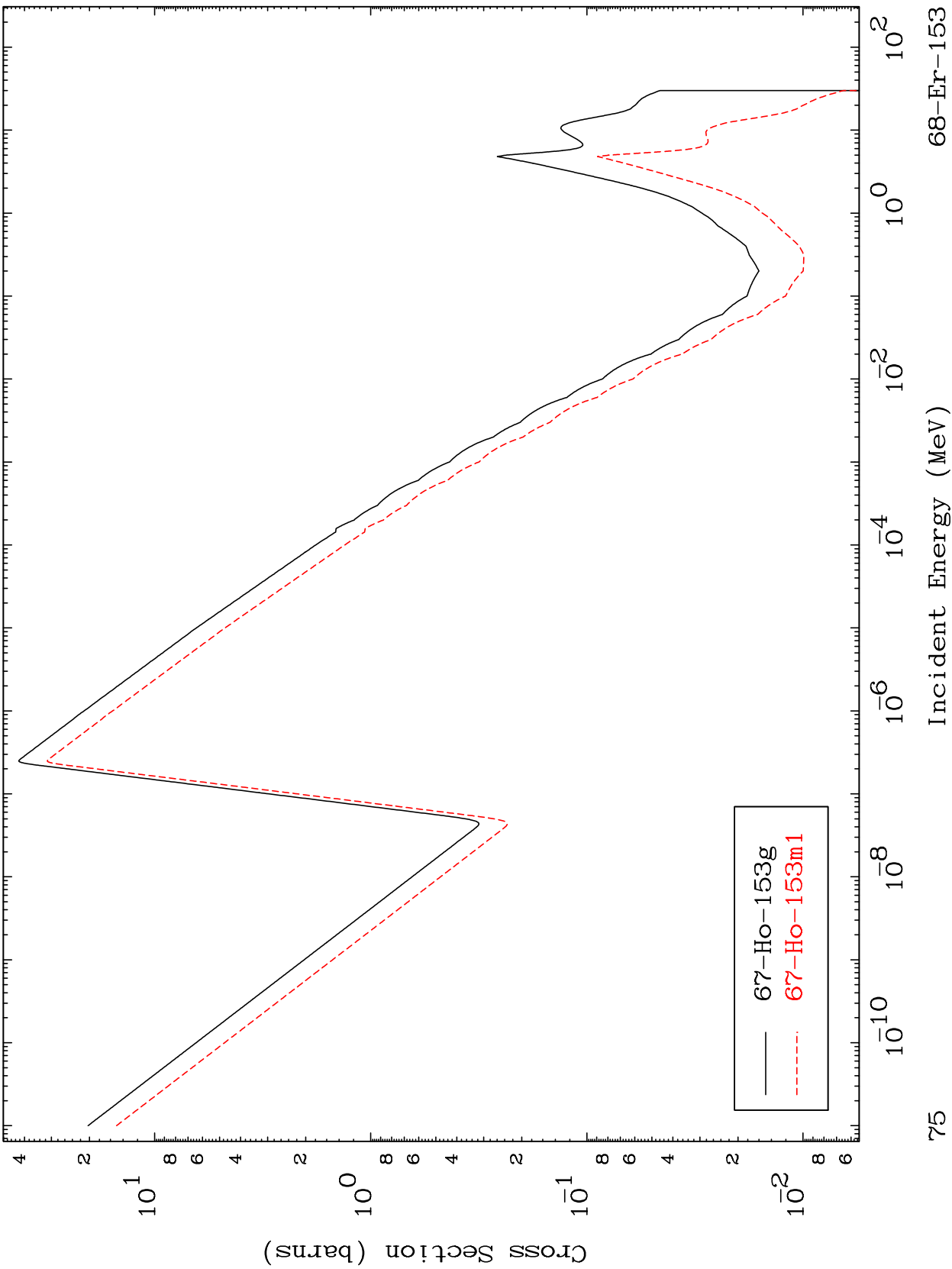
Incident Energy (MeV)

68-Er-153

MAT 6798

68-Er-153

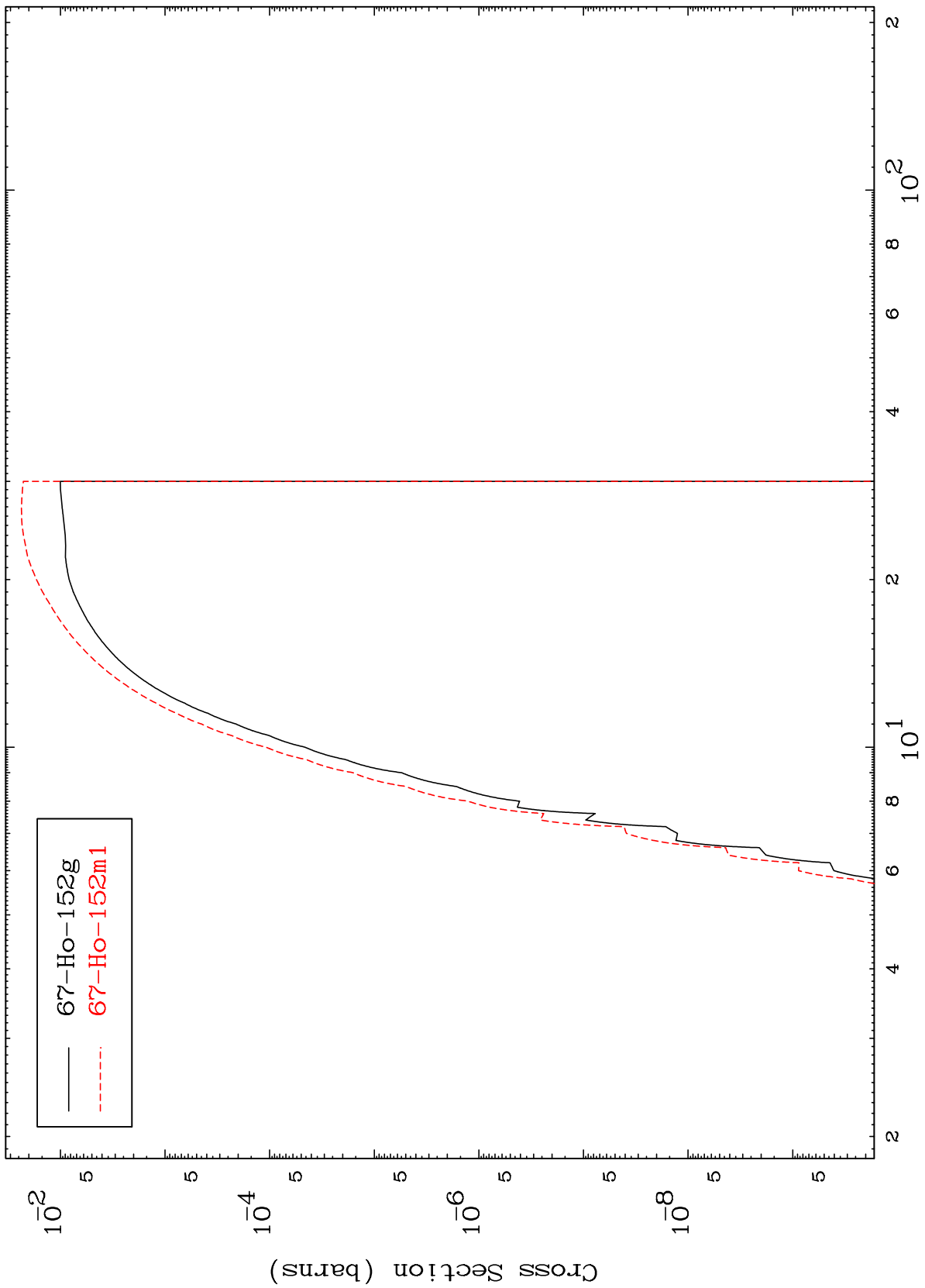
Radionuclide Production Cross Section (n,p)



MAT 6798

68-Er-153

(n,d)  
Radionuclide Production Cross Section



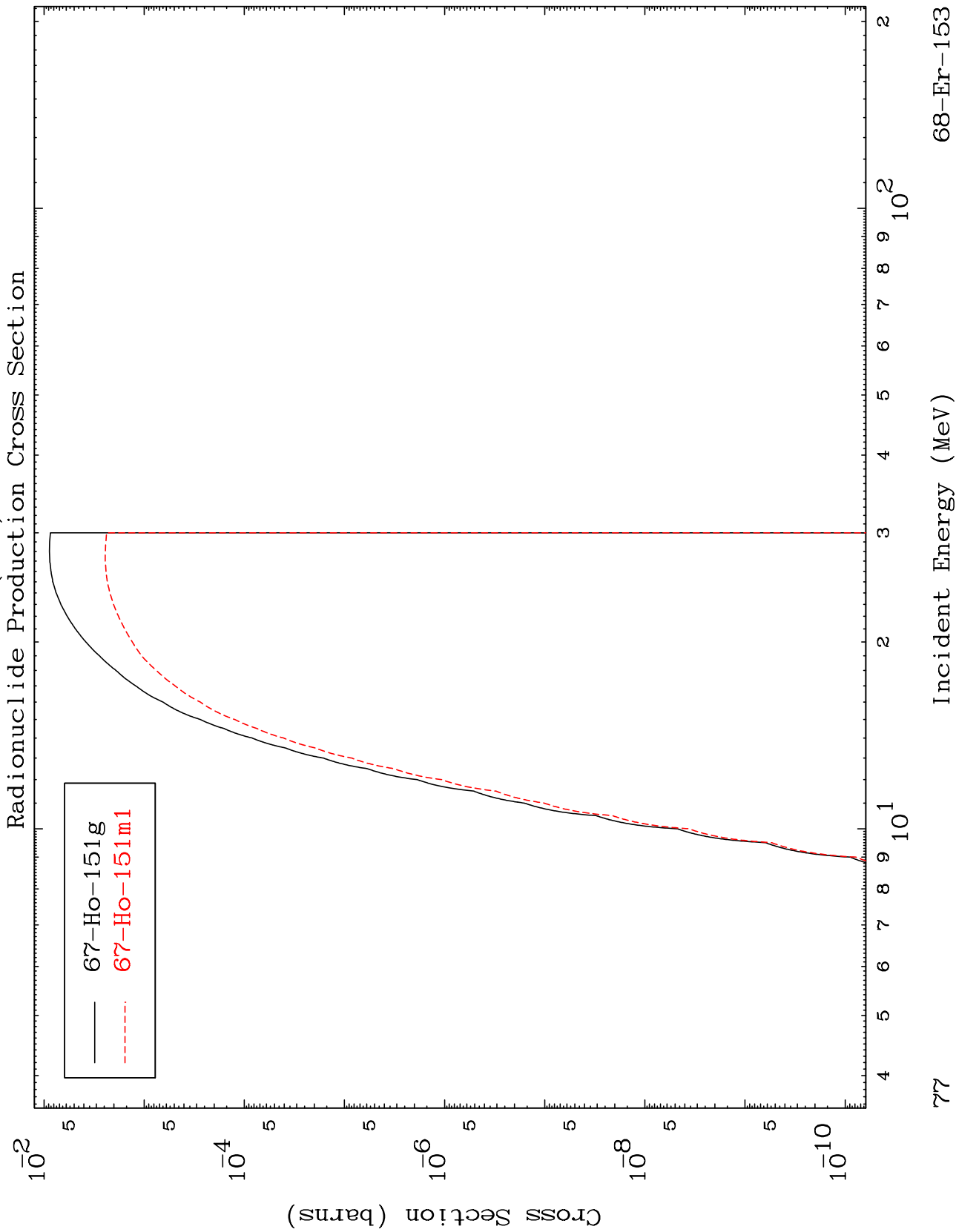
76

Incident Energy (MeV)

68-Er-153

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68-Er-153



77

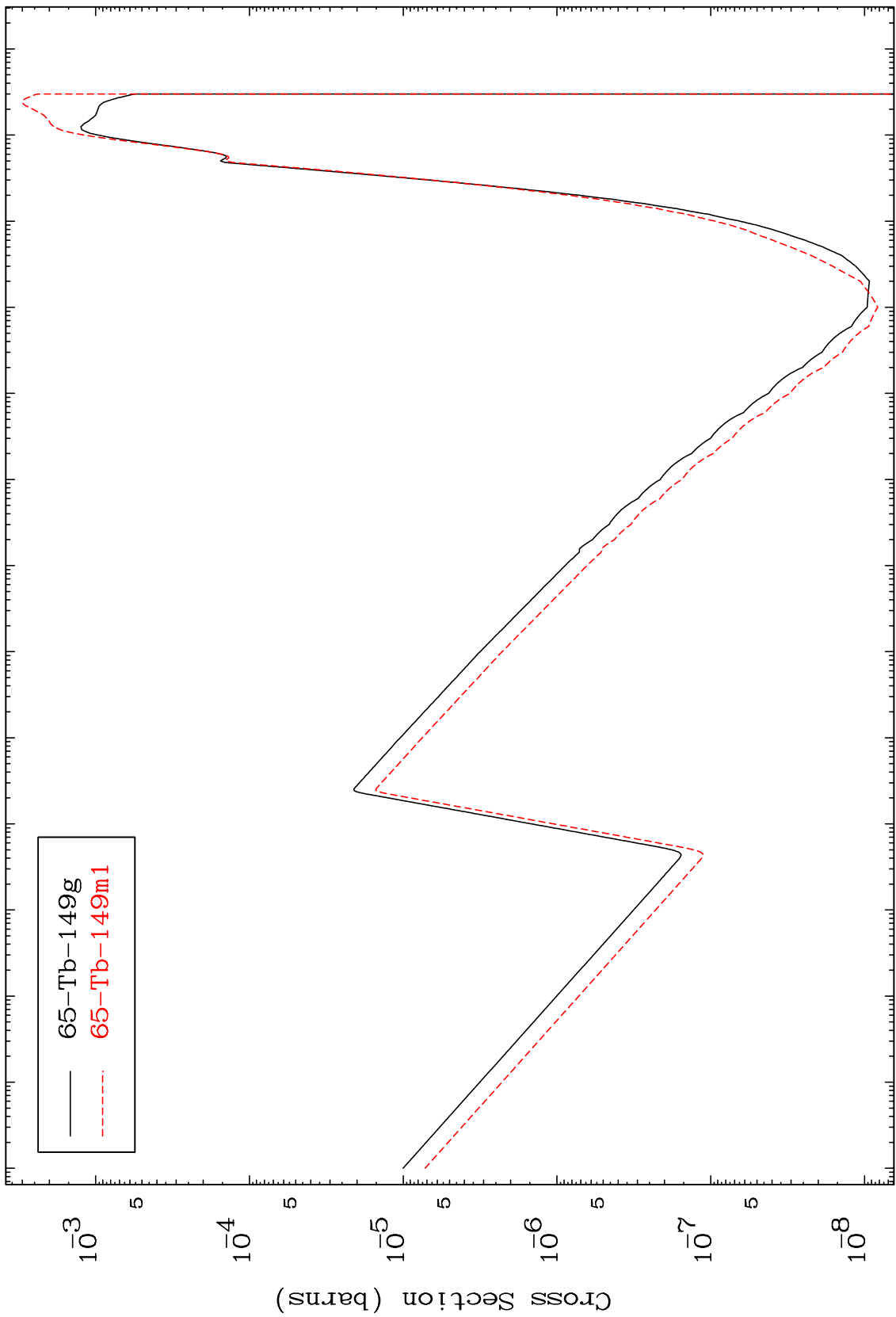
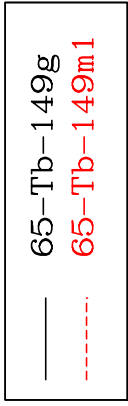
68-Er-153

MAT 6798

(n,p)  $\alpha$

68-Er-153

Radionuclide Production Cross Section



68-Er-153

10<sup>-2</sup>

10<sup>-4</sup>

10<sup>-6</sup>

10<sup>-8</sup>

78

Incident Energy (MeV)

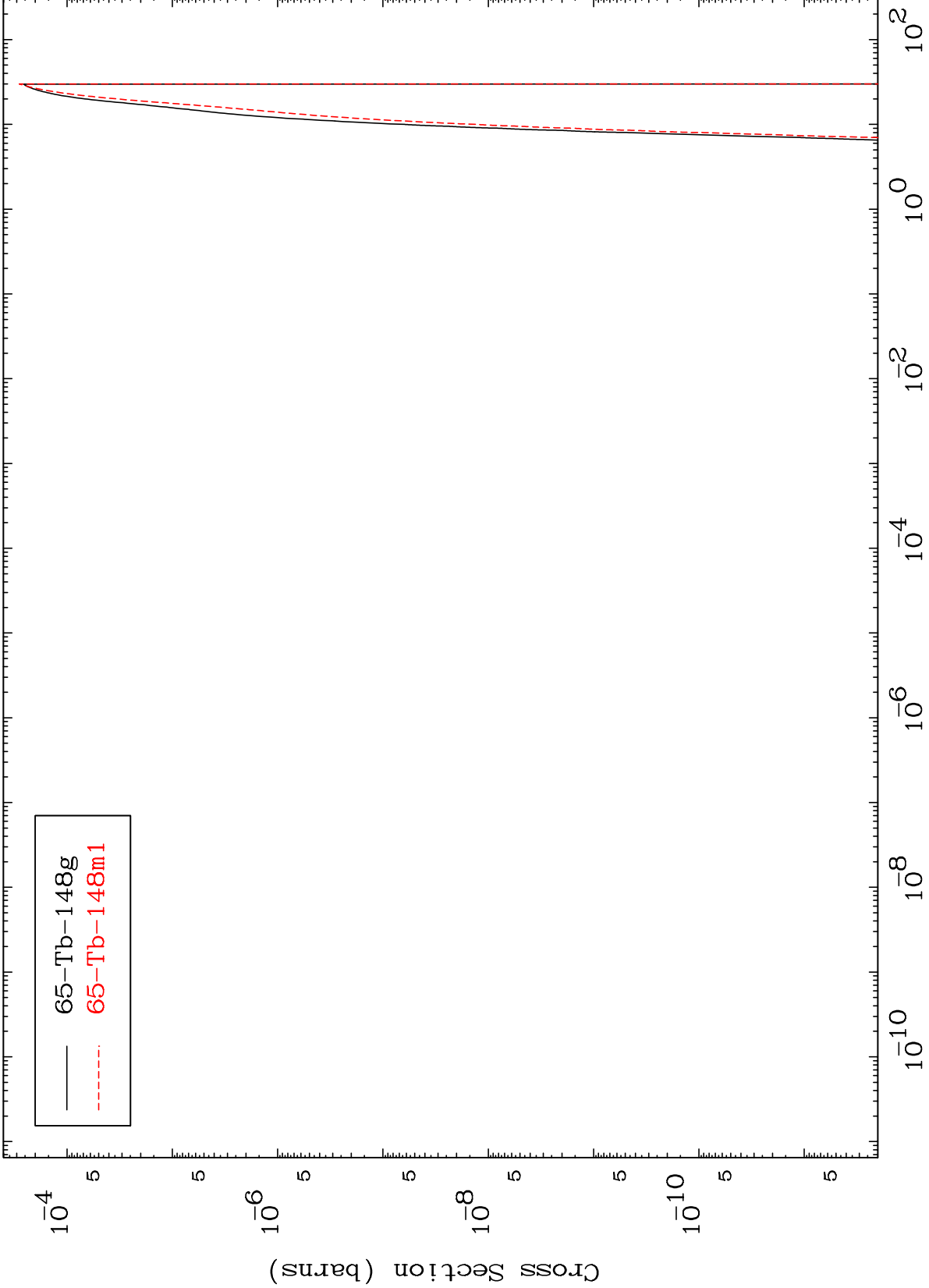
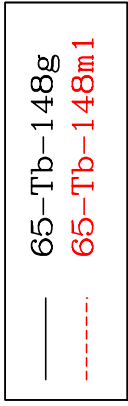
68-Er-153

MAT 6798

(n,d)  $\alpha$

68-Er-153

Radionuclide Production Cross Section



79

Incident Energy (MeV)

68-Er-153