

Program EVALPLOT
(Version 2017-1)

by

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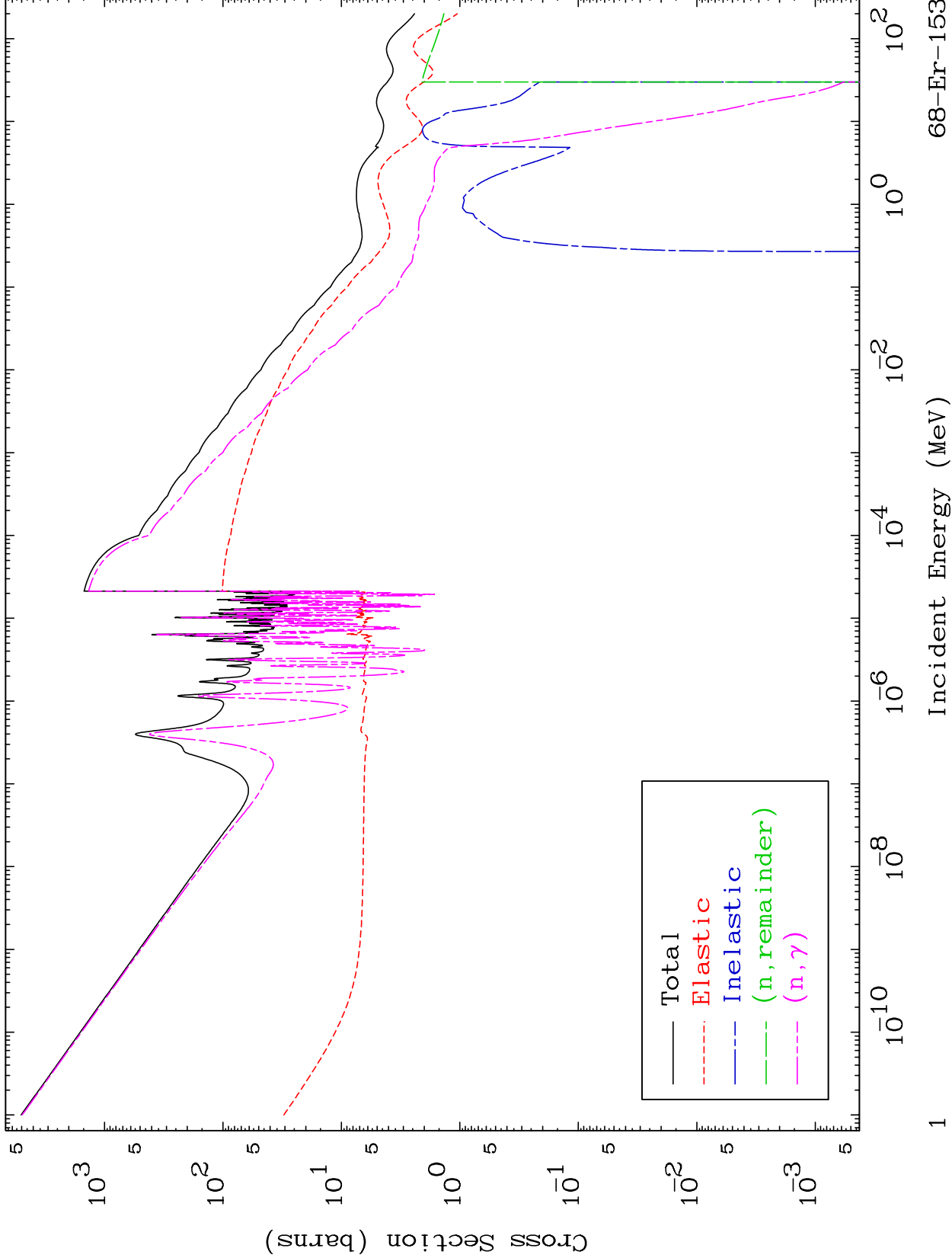
Press Mouse Button to Start

MAT 6798

Major

293 Kelvin Cross Sections

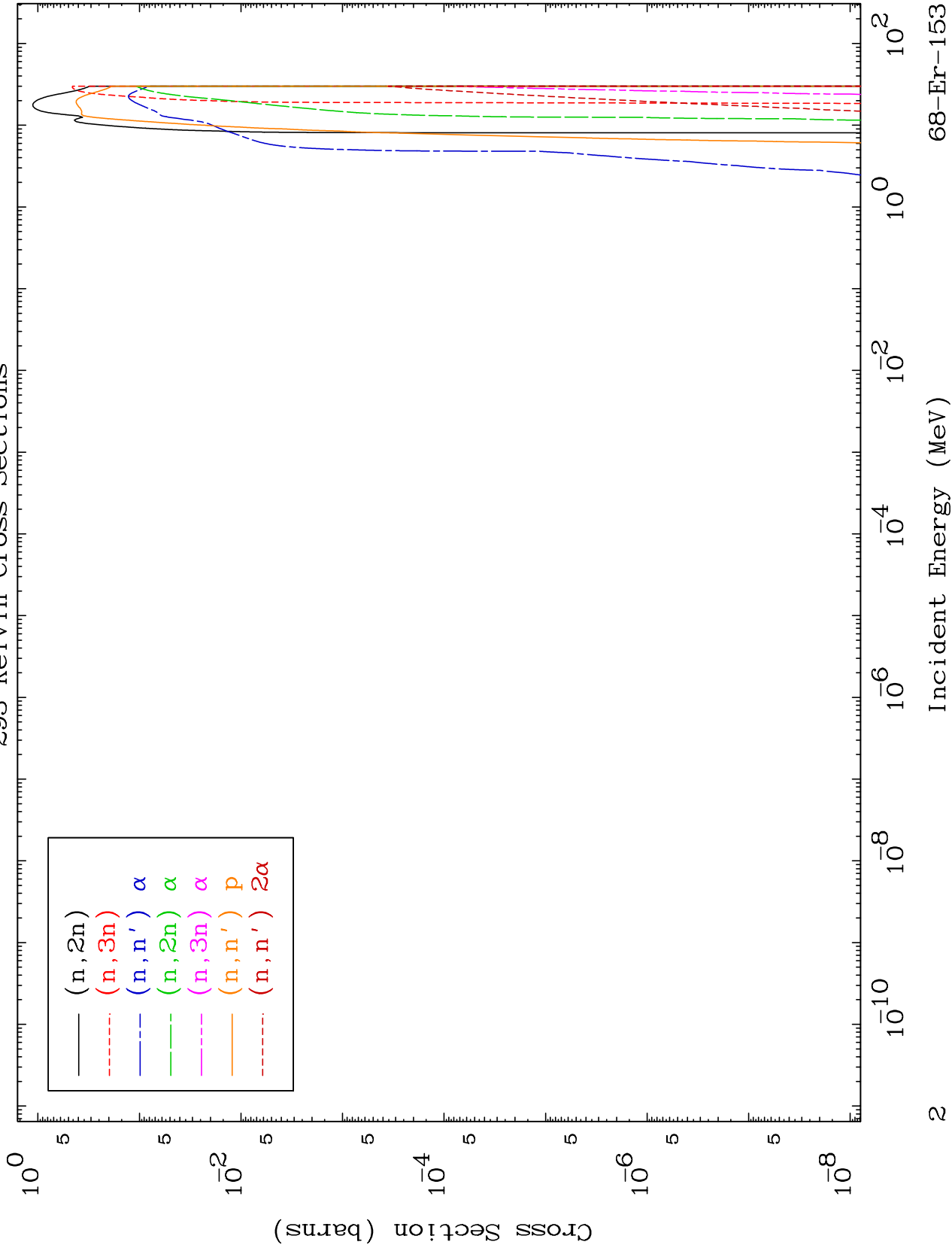
68-Er-153



MAT 6798

Neutron Production
293 Kelvin Cross Sections

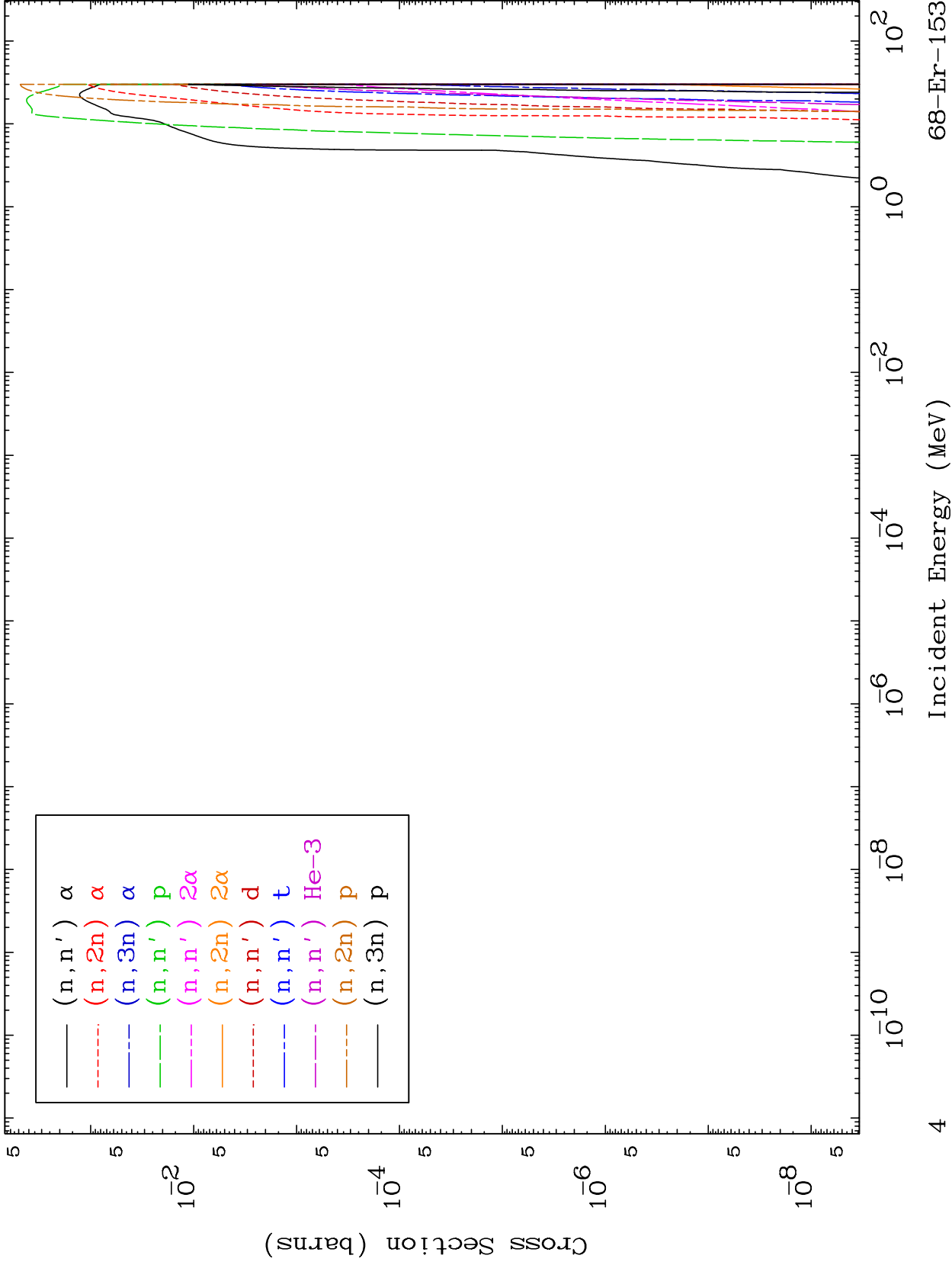
68-Er-153



MAT 6798

Charged Particle
293 Kelvin Cross Sections

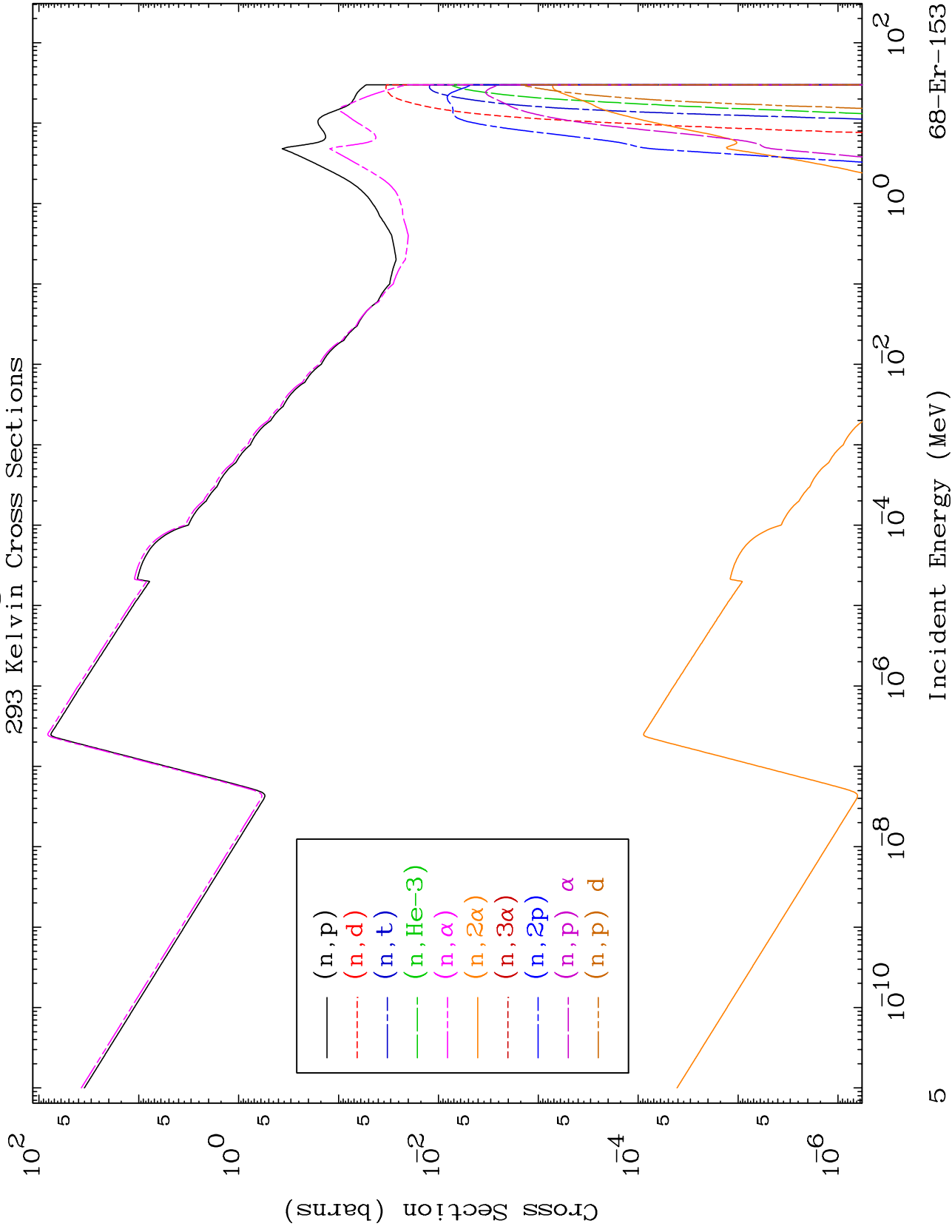
68-Er-153



MAT 6798

Charged Particle
293 Kelvin Cross Sections

68-Er-153

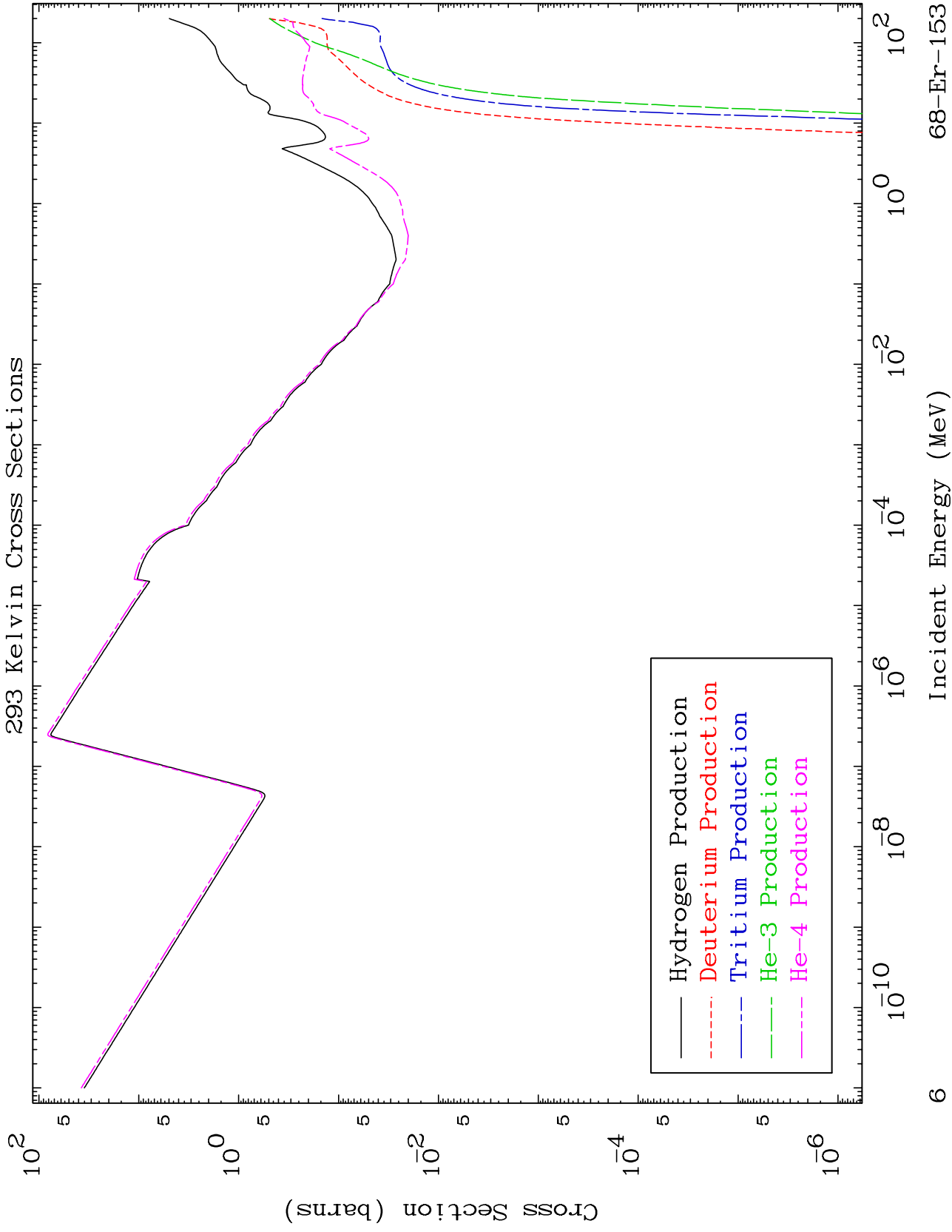


5

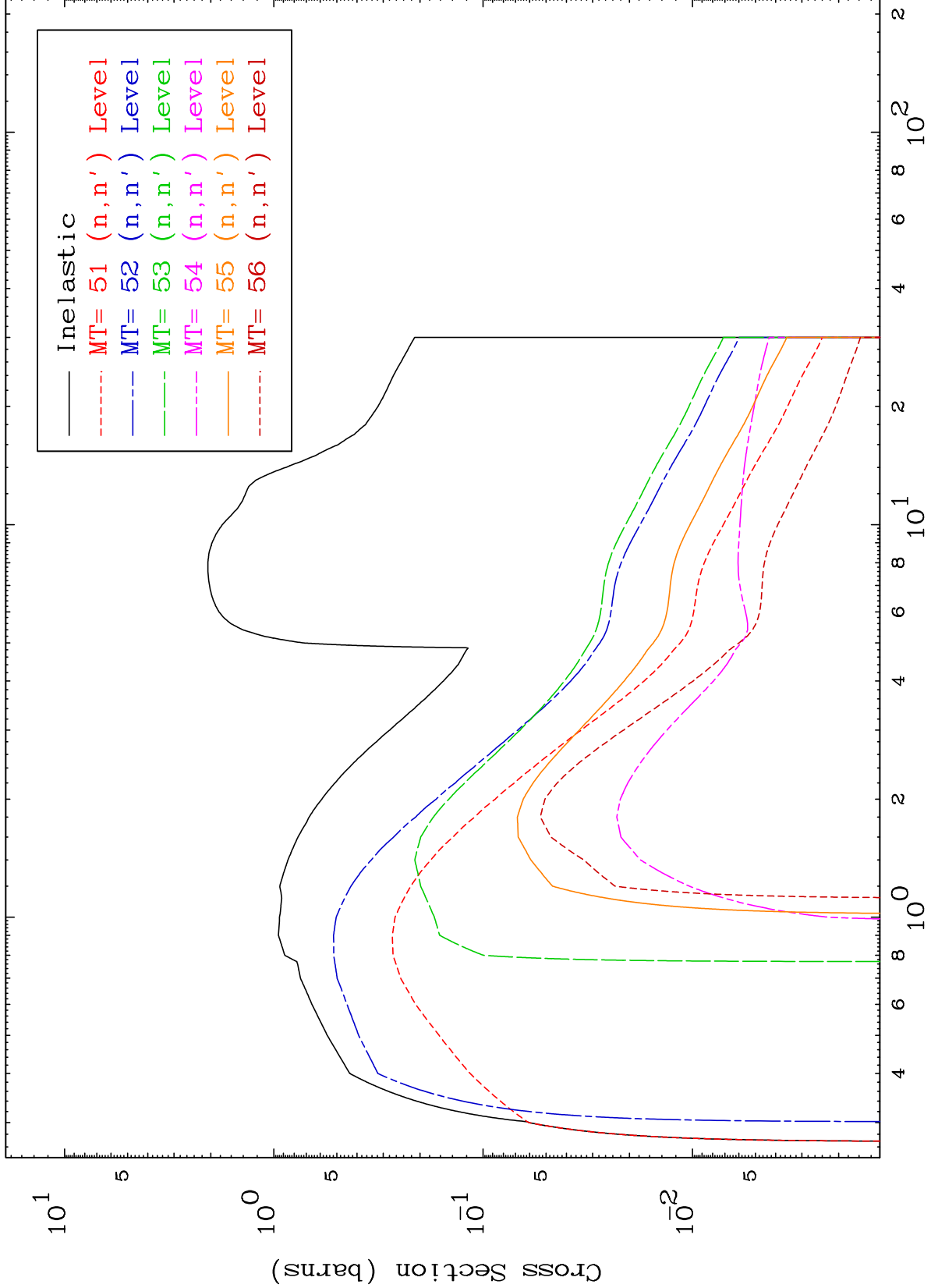
MAT 6798

Particle Production
293 Kelvin Cross Sections

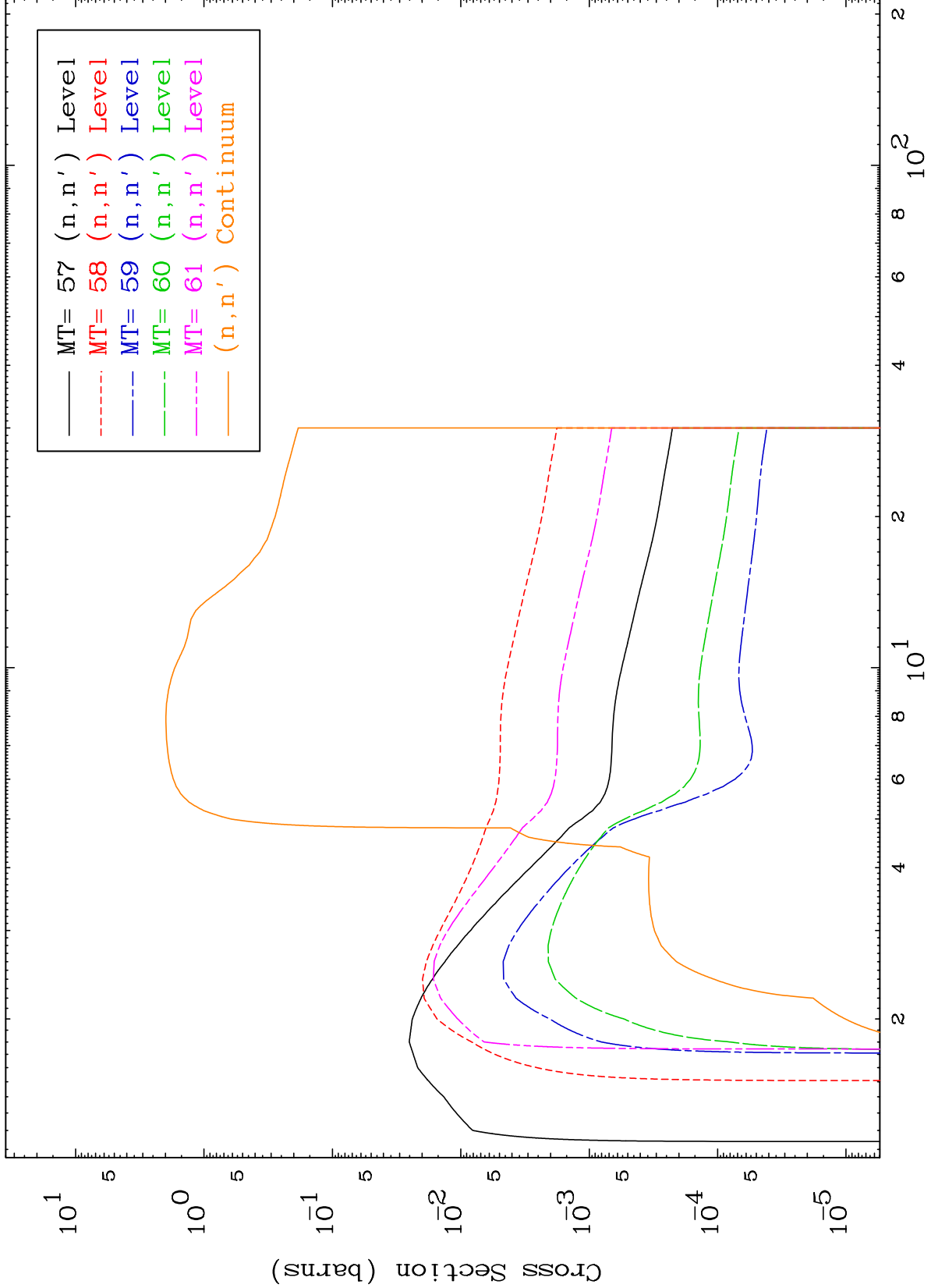
68-Er-153



293 Kelvin Cross Sections



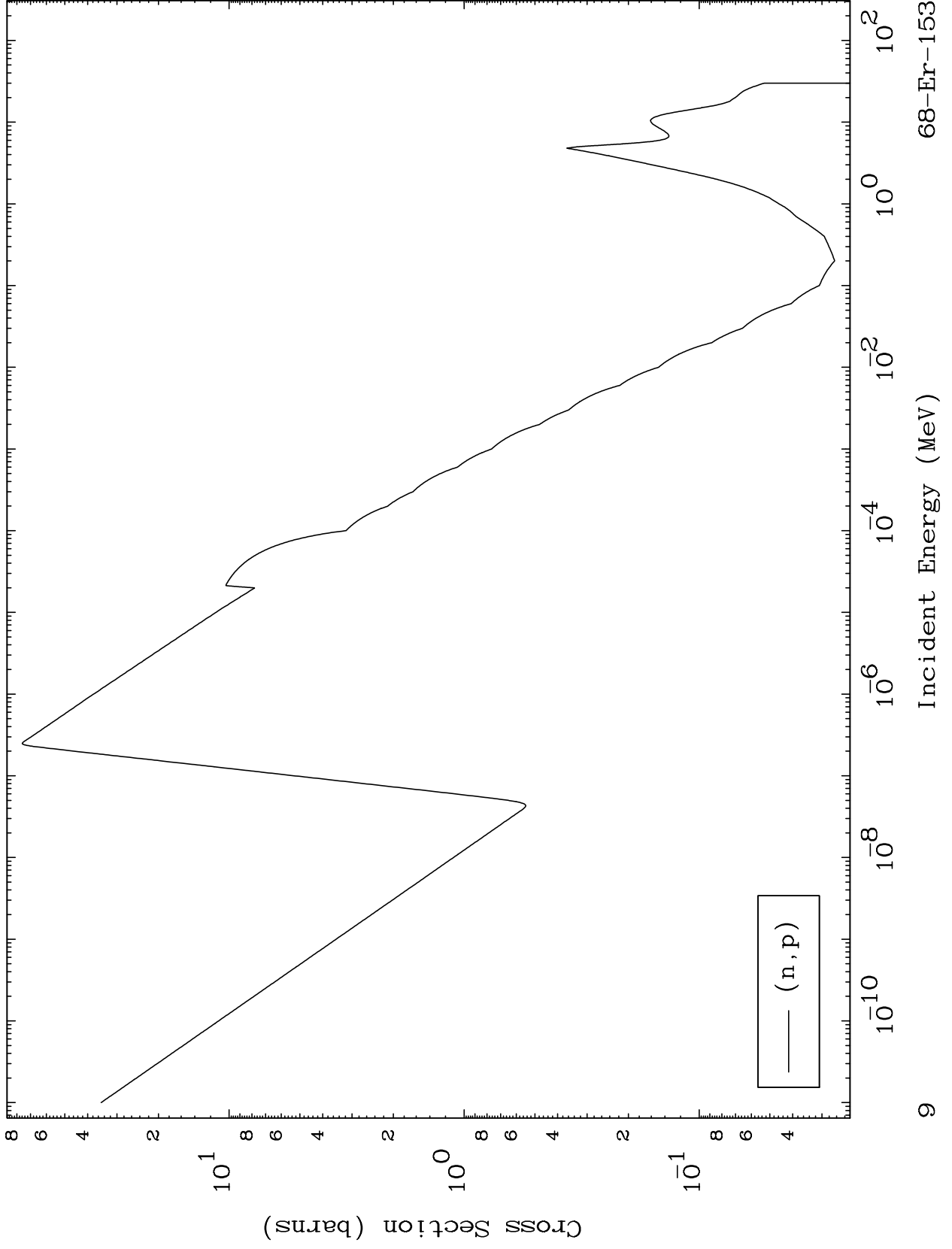
293 Kelvin Cross Sections



MAT 6798

(n,p) Levels
293 Kelvin Cross Sections

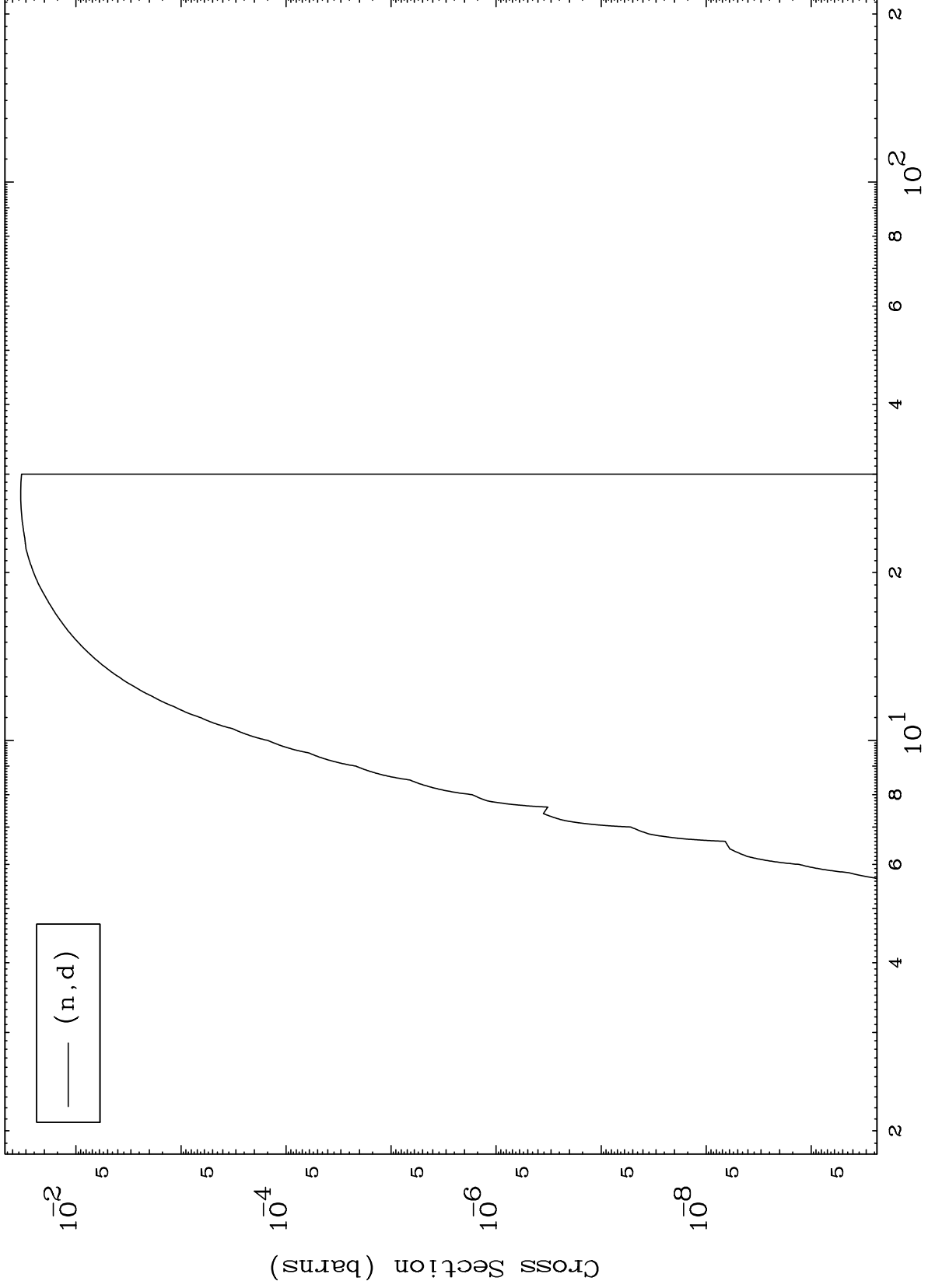
68-Er-153



MAT 6798

(n,d) Levels
293 Kelvin Cross Sections

68-Er-153



10

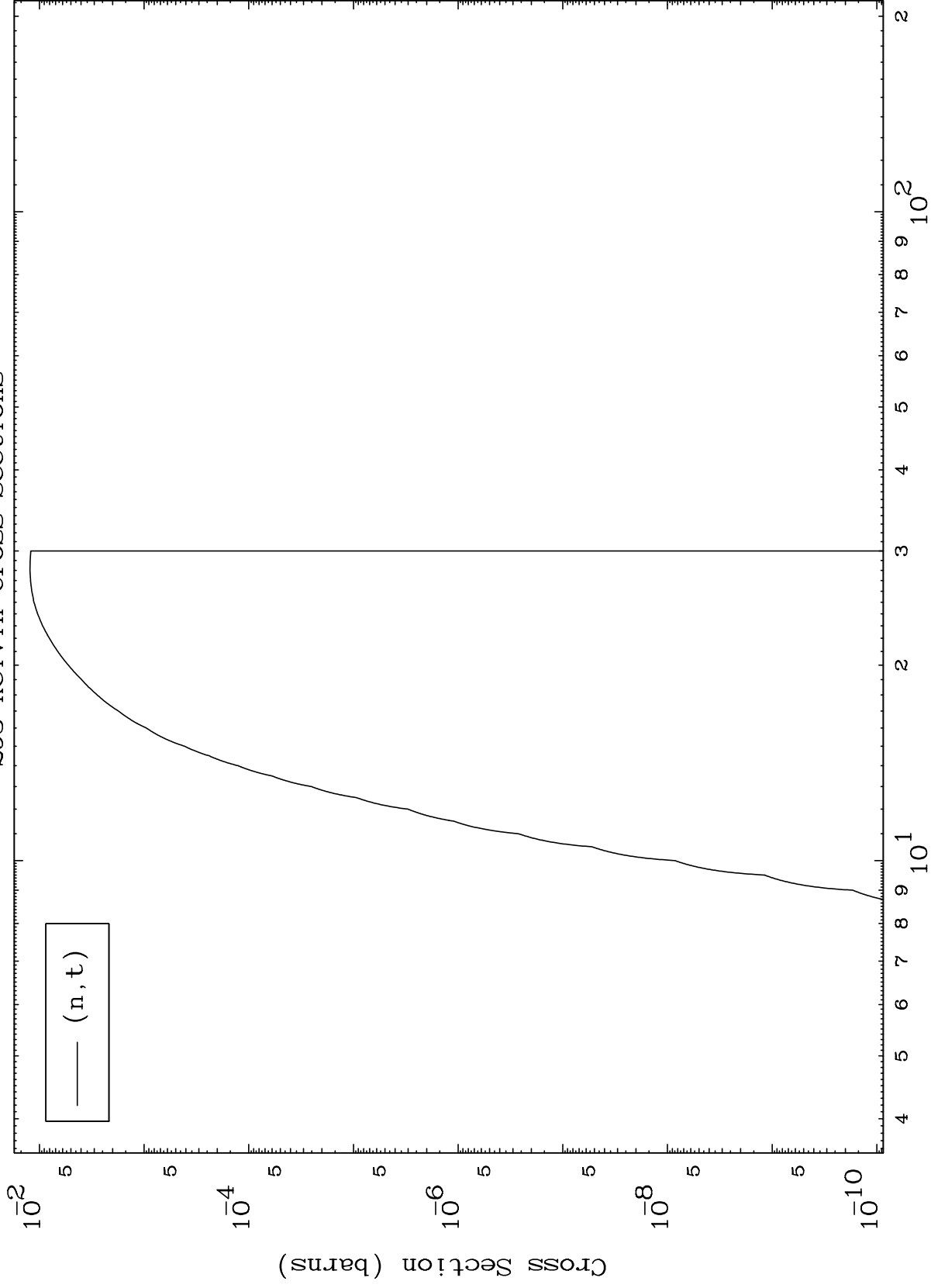
Incident Energy (MeV)

68-Er-153

MAT 6798

(n,t) Levels
293 Kelvin Cross Sections

68-Er-153



11

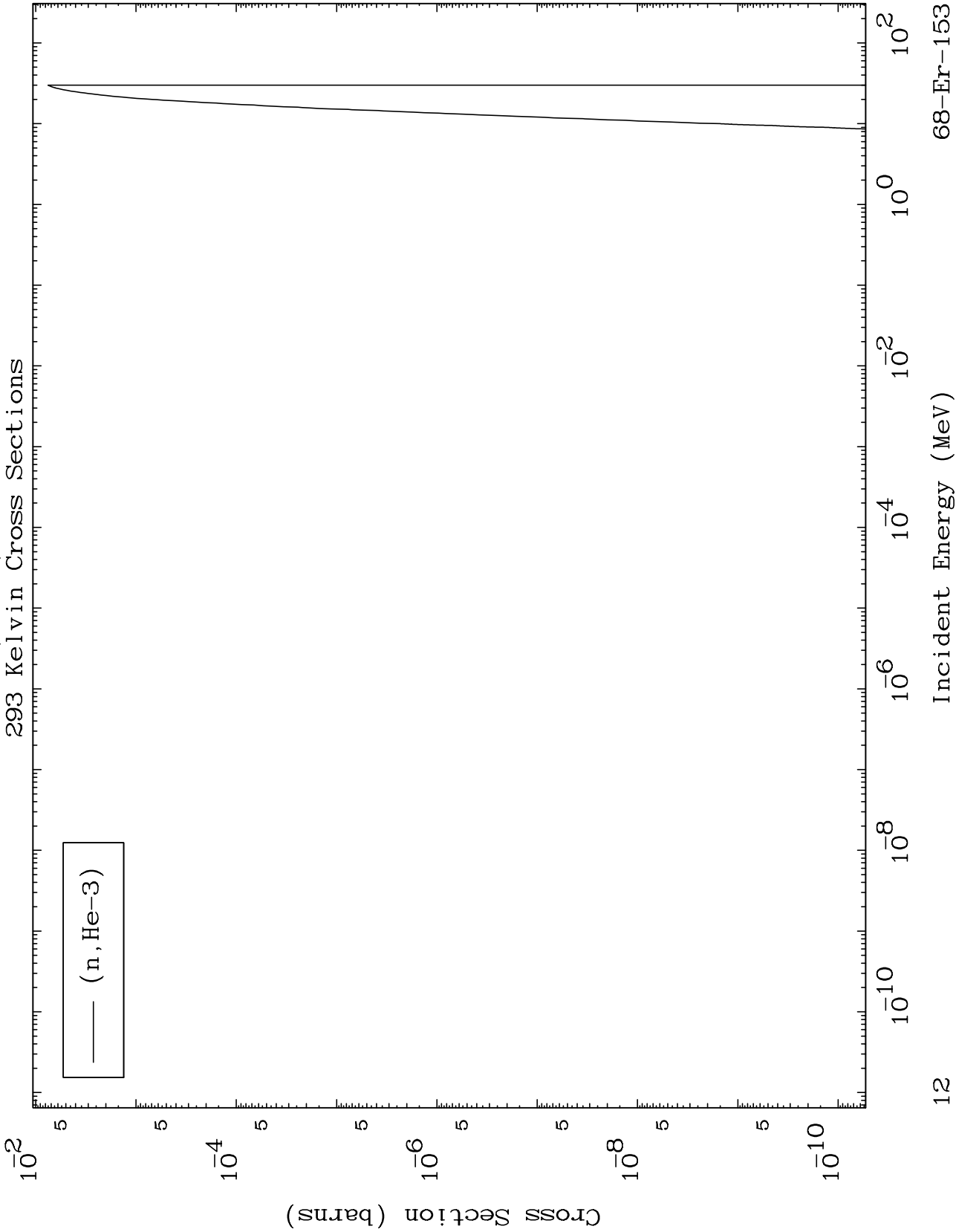
Incident Energy (MeV)

68-Er-153

MAT 6798

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-153



12

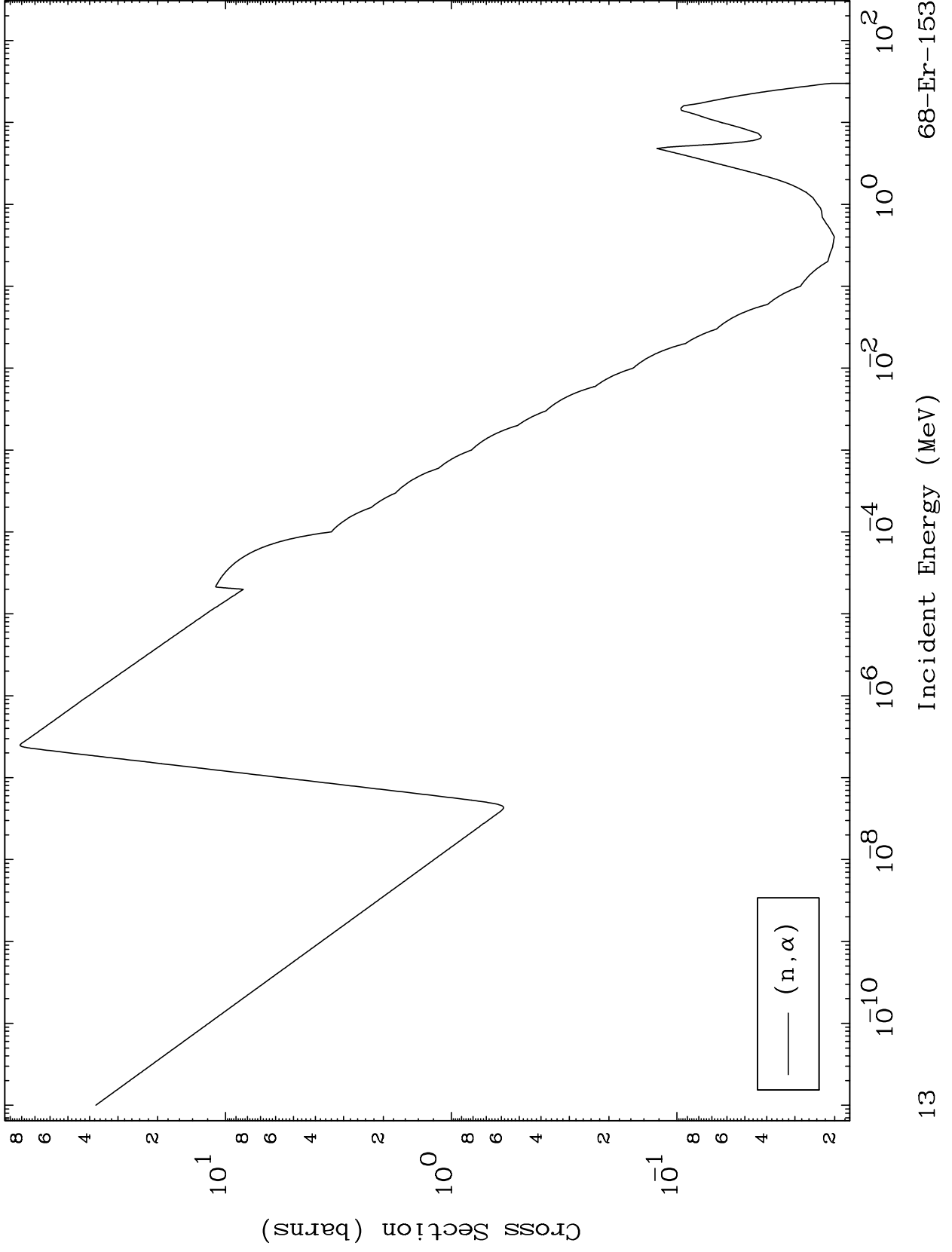
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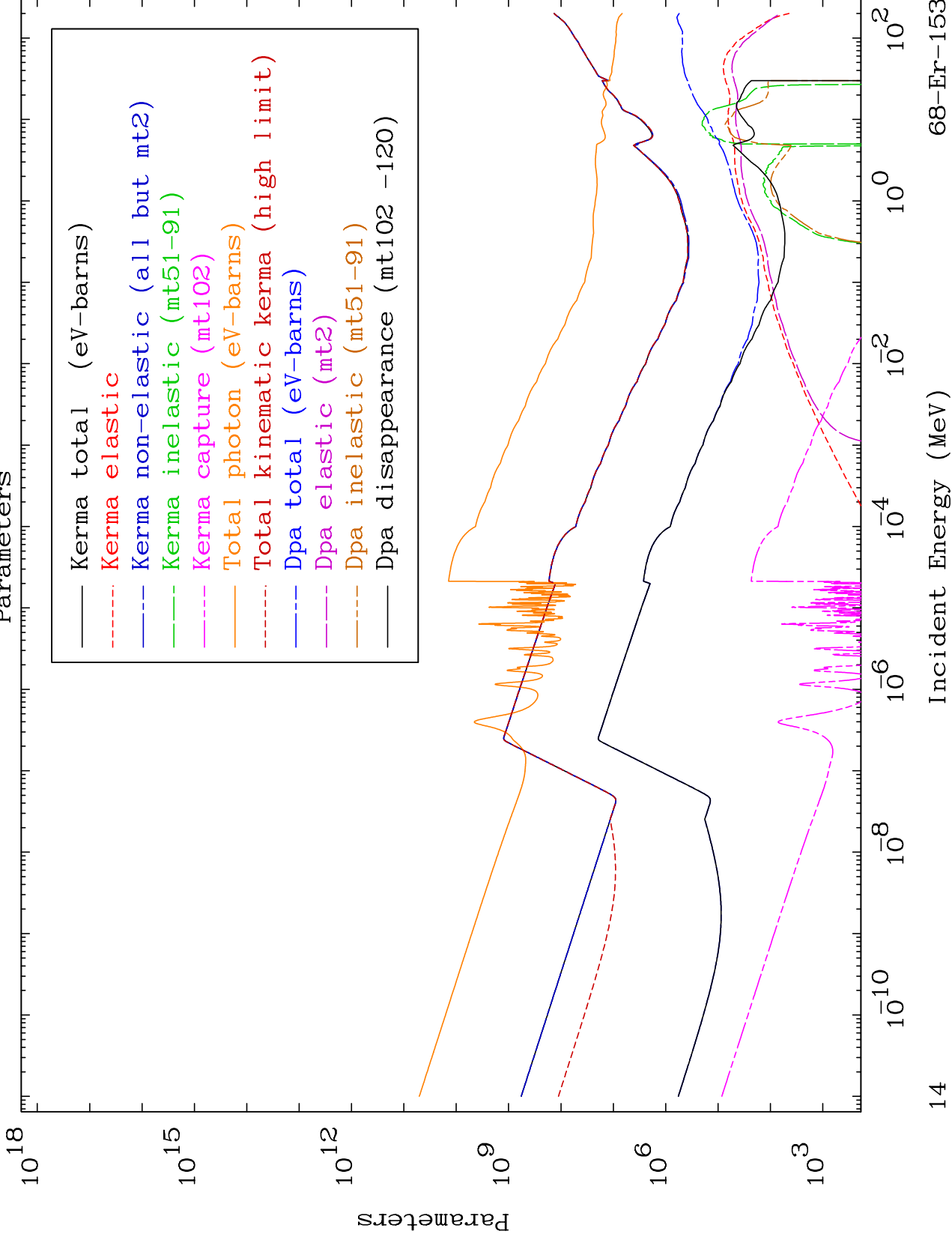
68-Er-153

MAT 6798

(n,α) Levels
293 Kelvin Cross Sections

68-Er-153

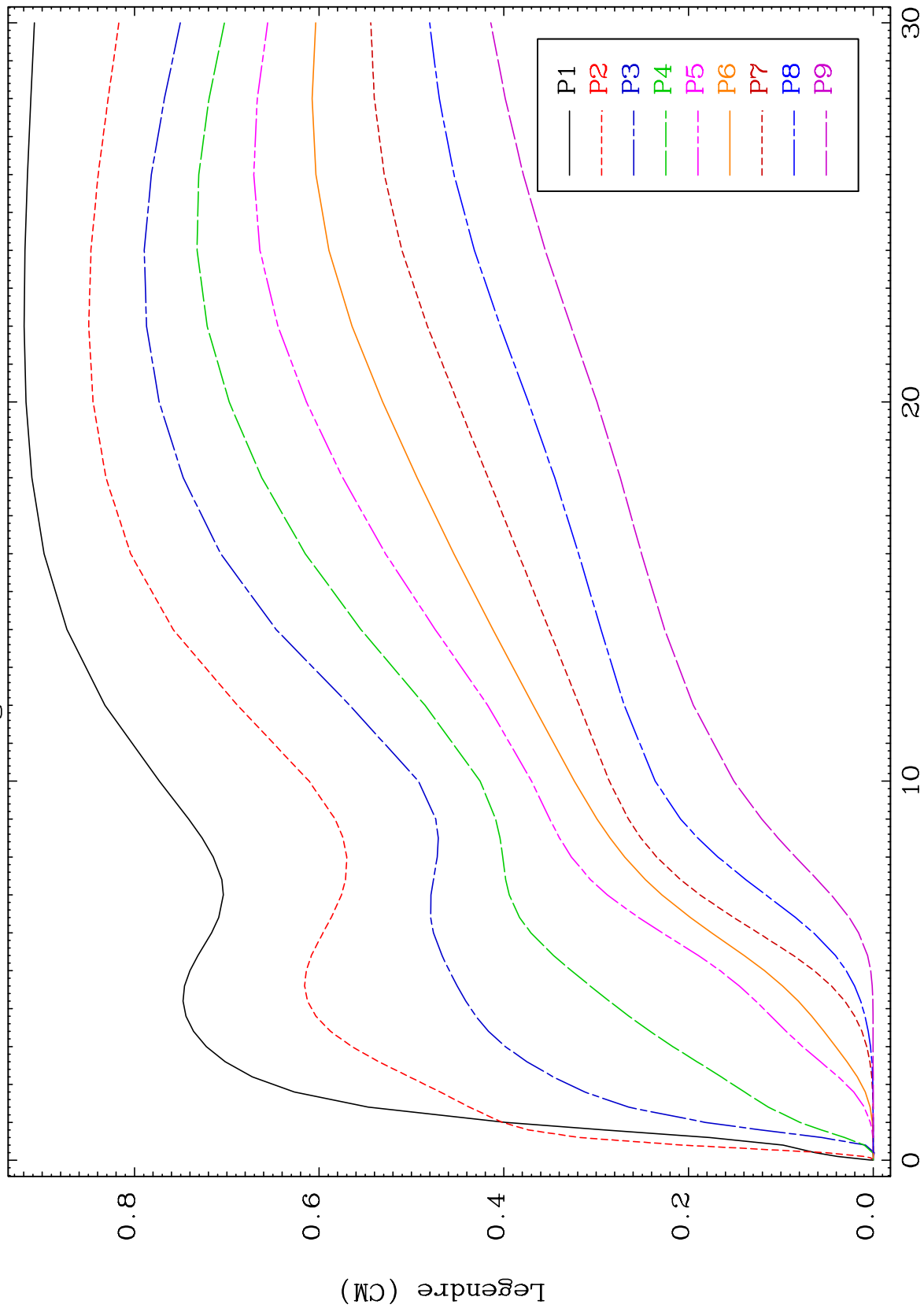




MAT 6798

Elastic Legendre Coefficients

68-Er-153



15

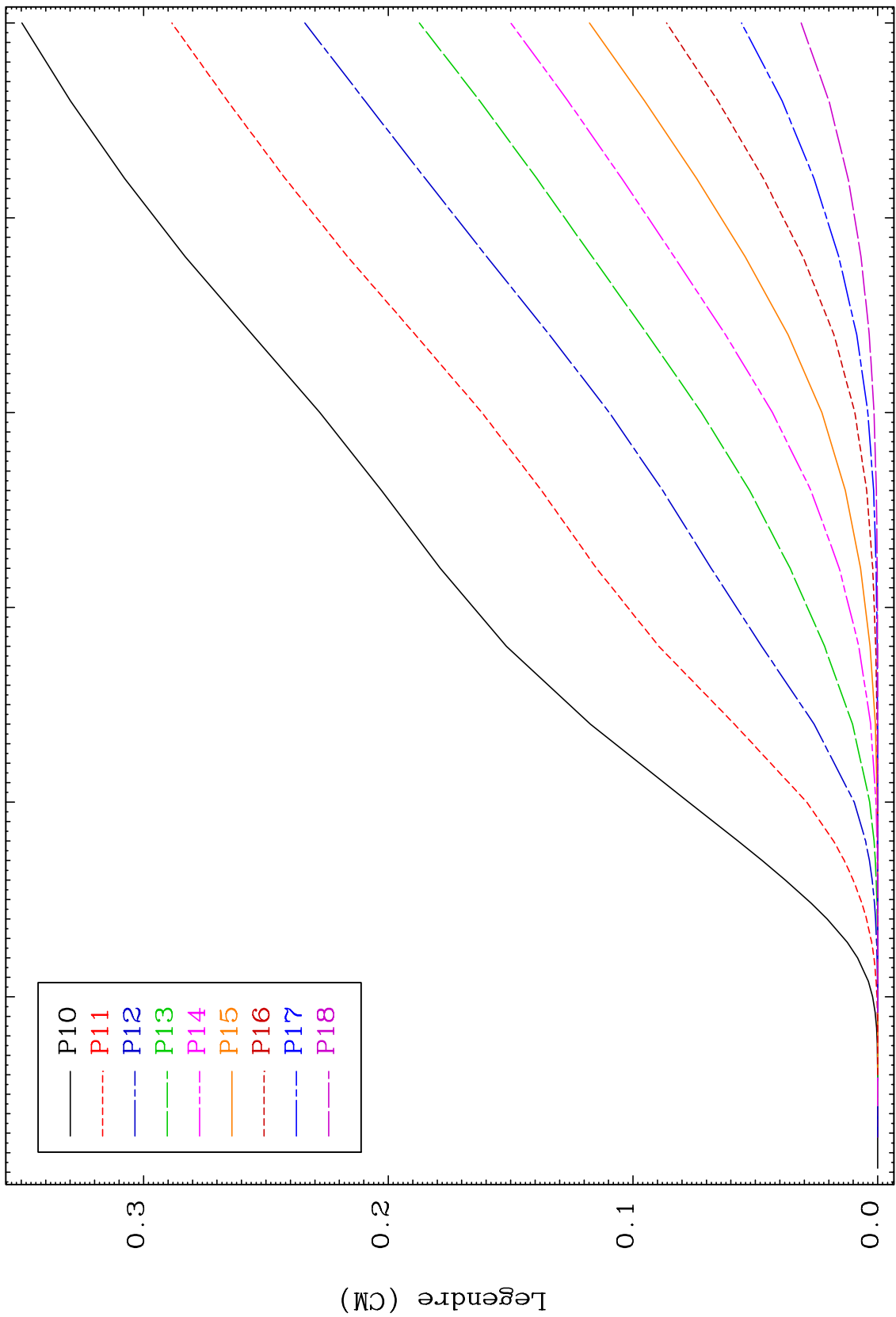
Incident Energy (MeV)

68-Er-153

MAT 6798

Elastic Legendre Coefficients

68-Er-153



16

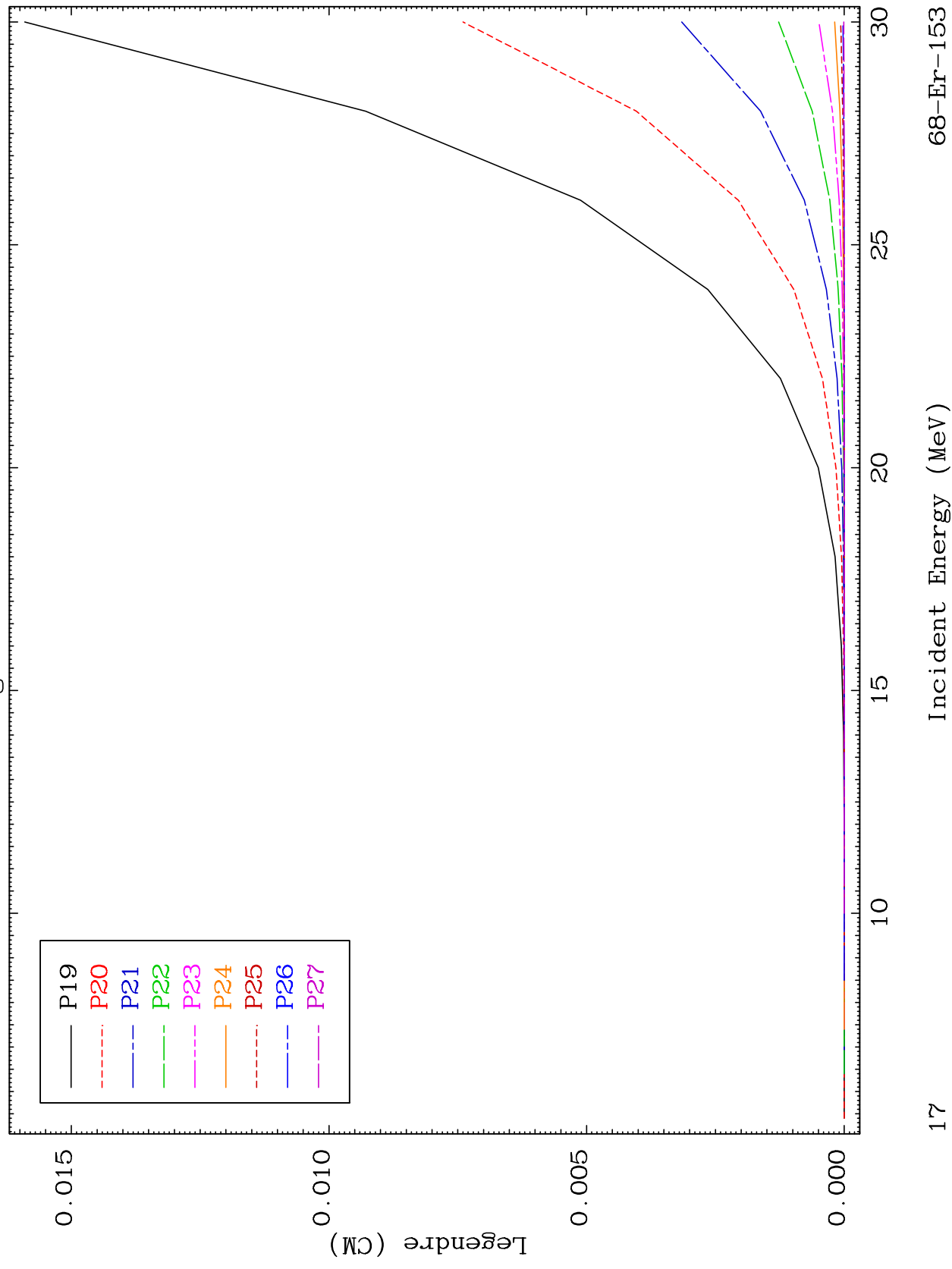
Incident Energy (MeV)

68-Er-153

MAT 6798

Elastic Legendre Coefficients

68-Er-153



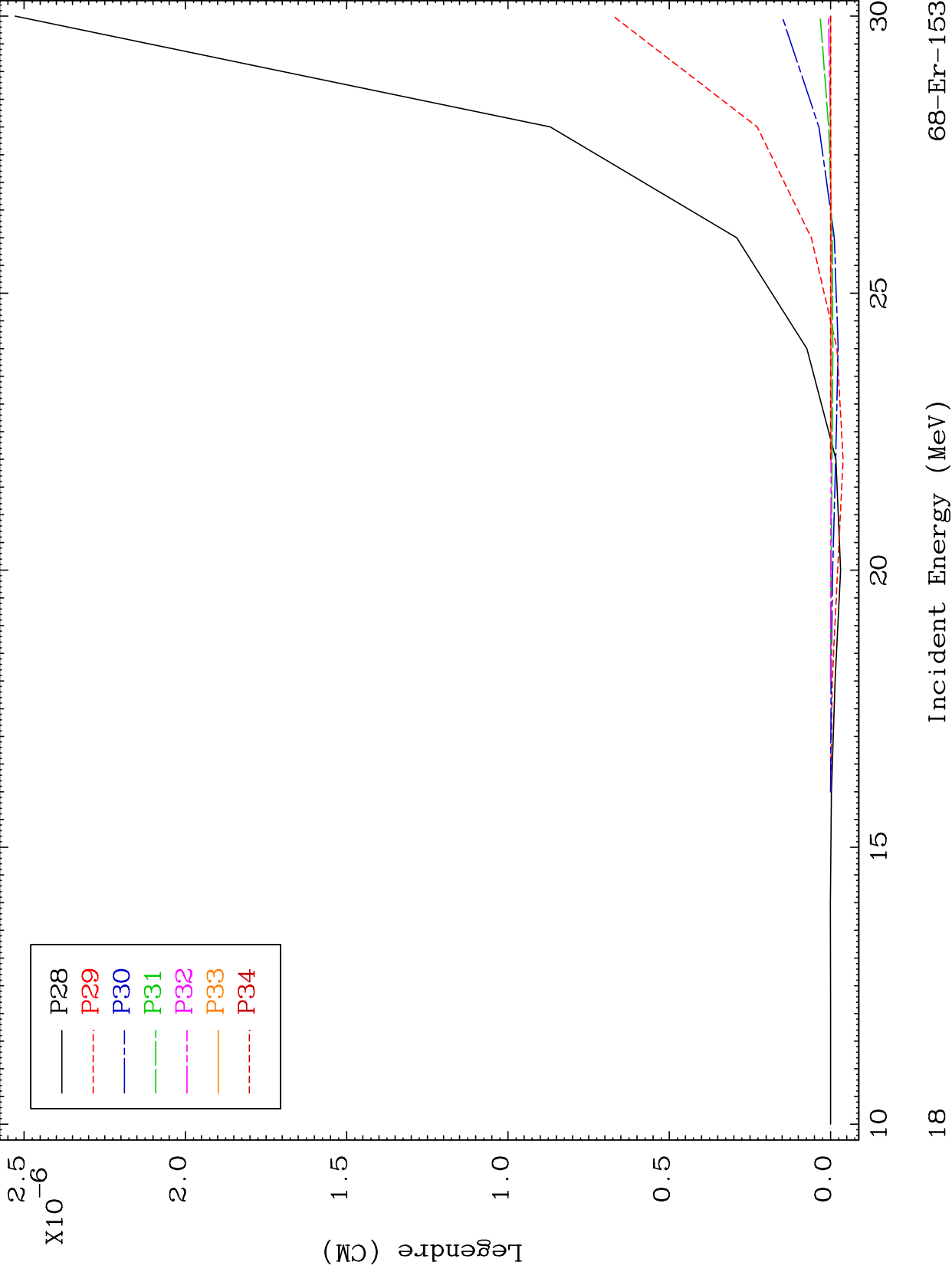
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68-Er-153

MAT 6798

Elastic
Legendre Coefficients

68-Er-153



68-Er-153

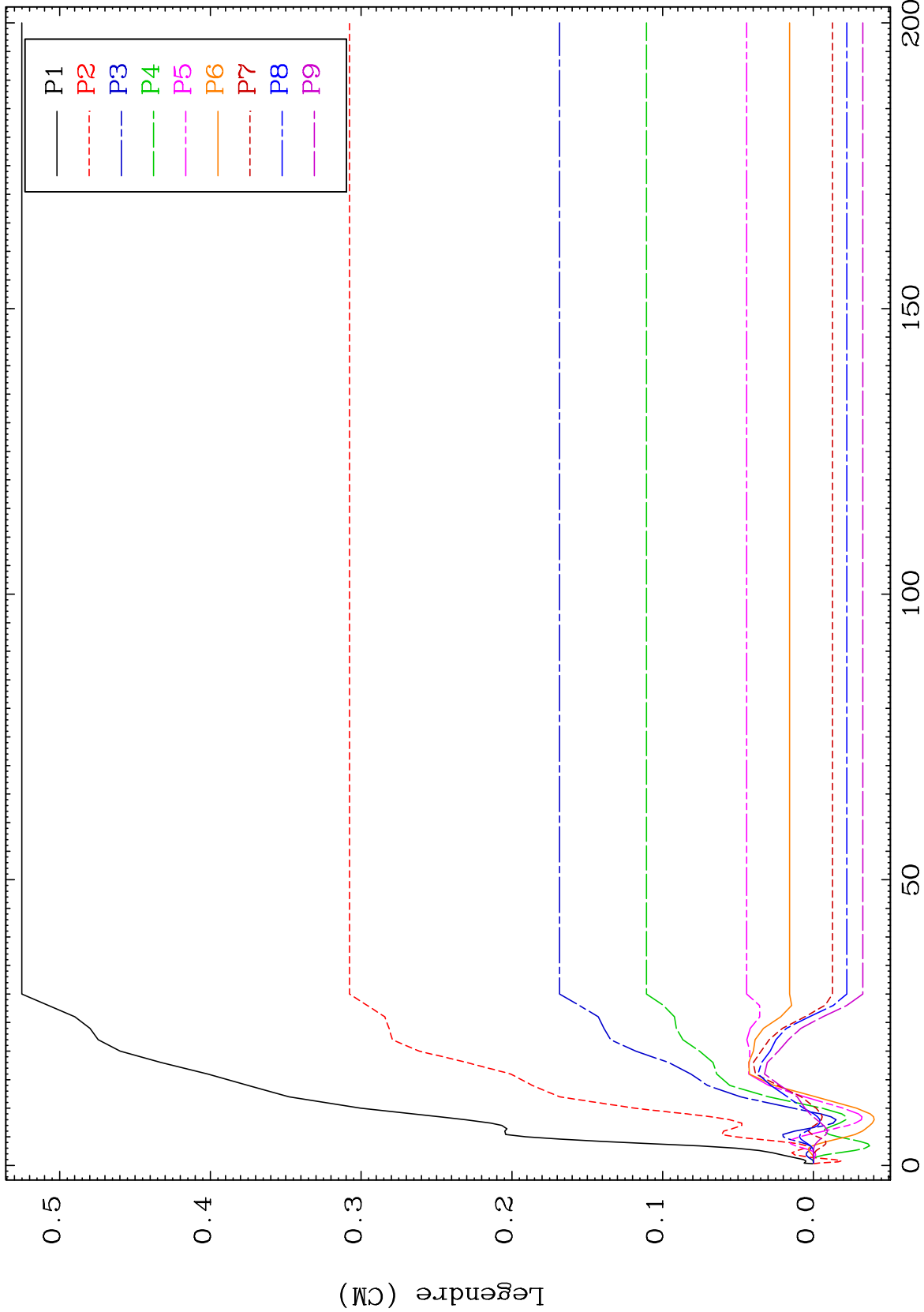
Incident Energy (MeV)

18

MAT 6798

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

68-Er-153



19

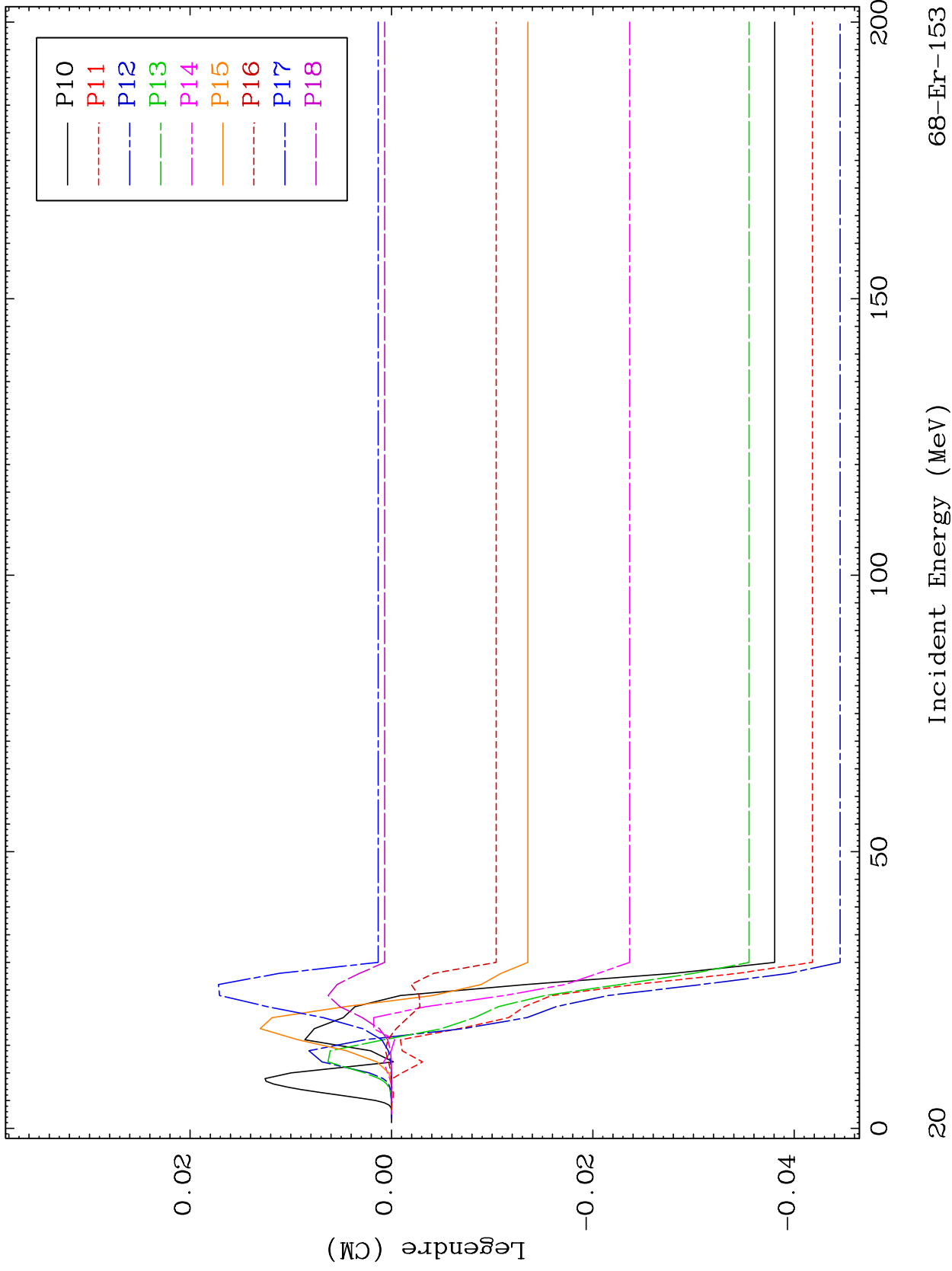
Incident Energy (MeV)

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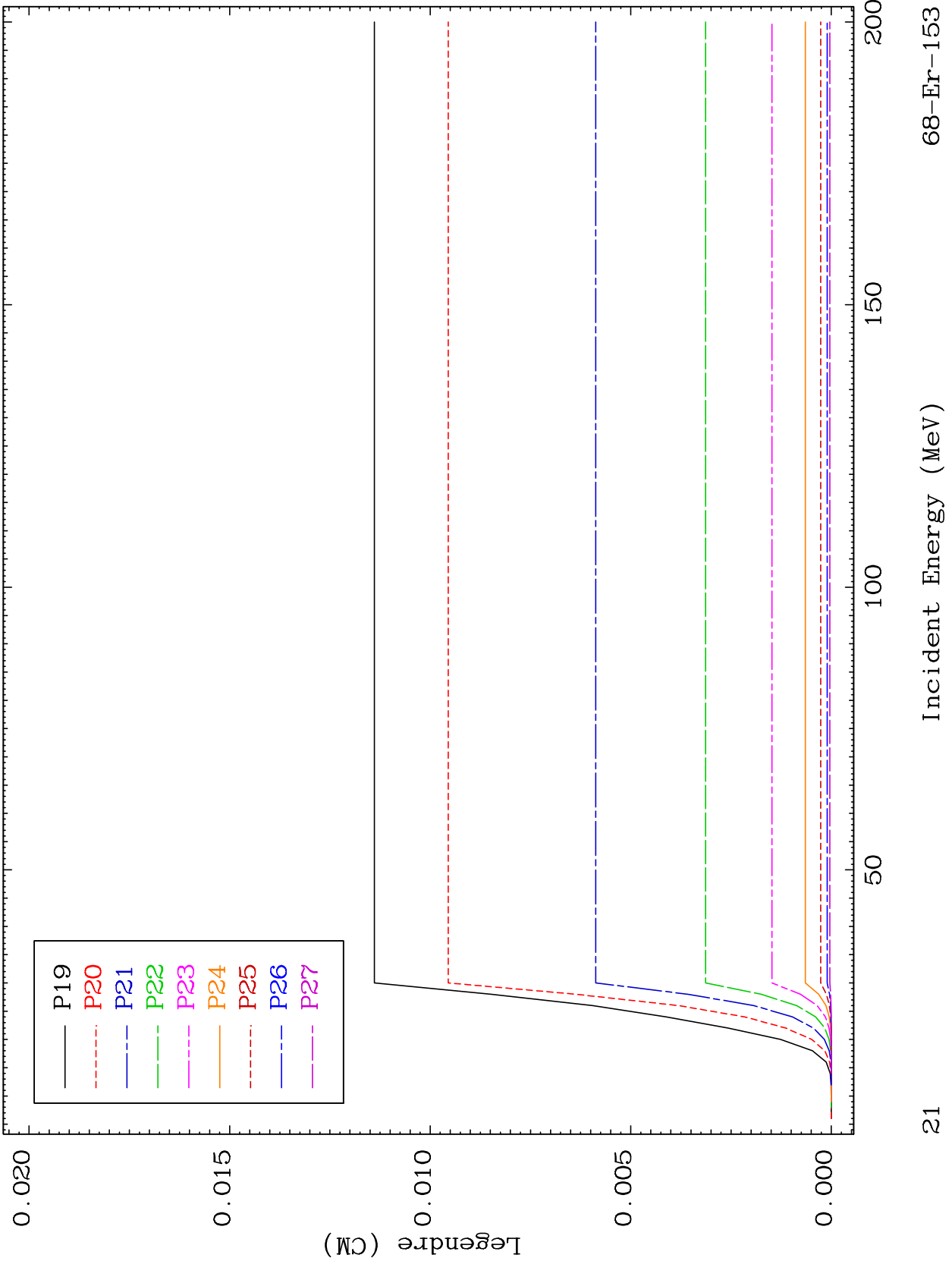
MAT 6798

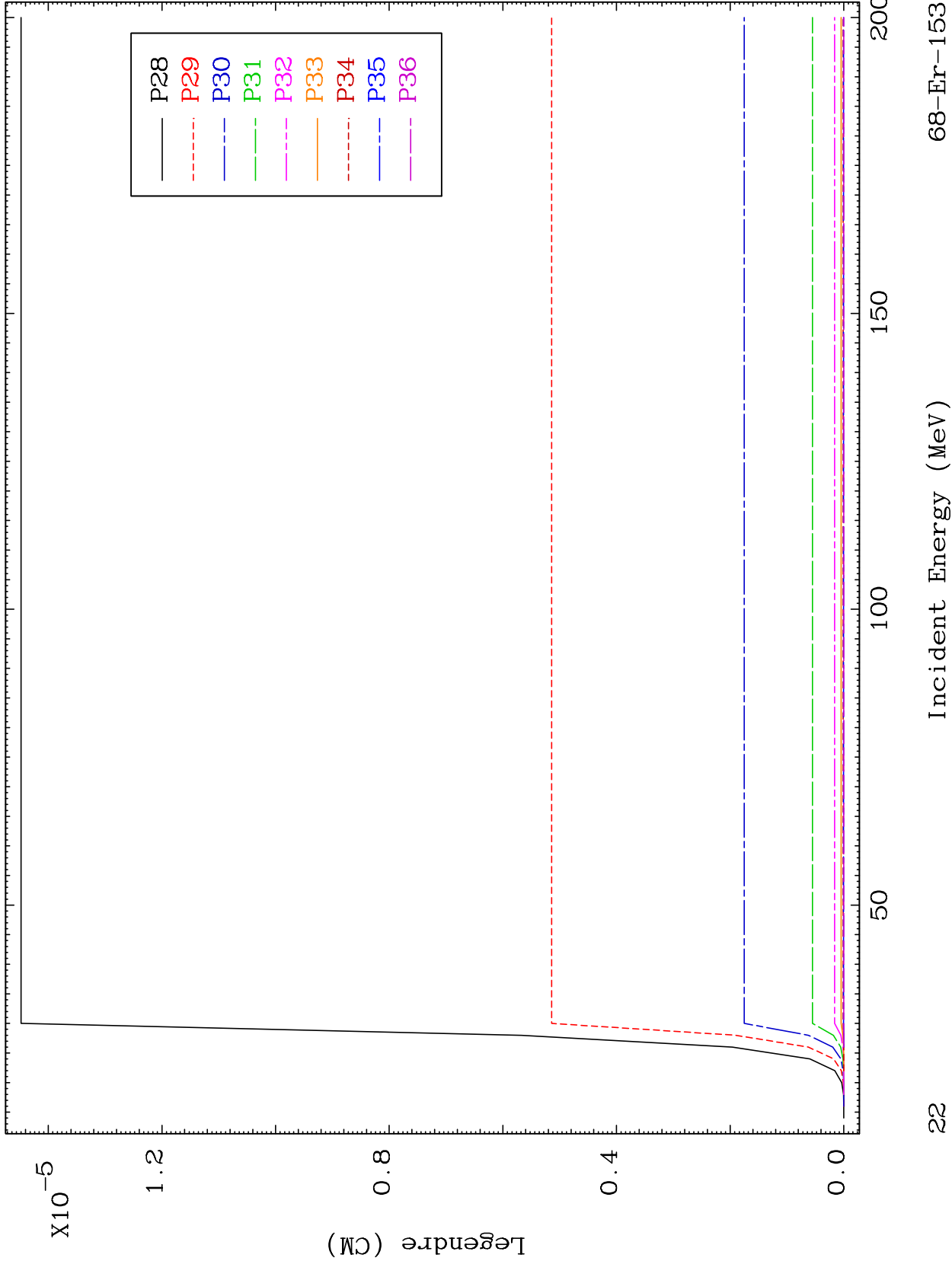
MT= 51 (n,n') Level
Legendre Coefficients

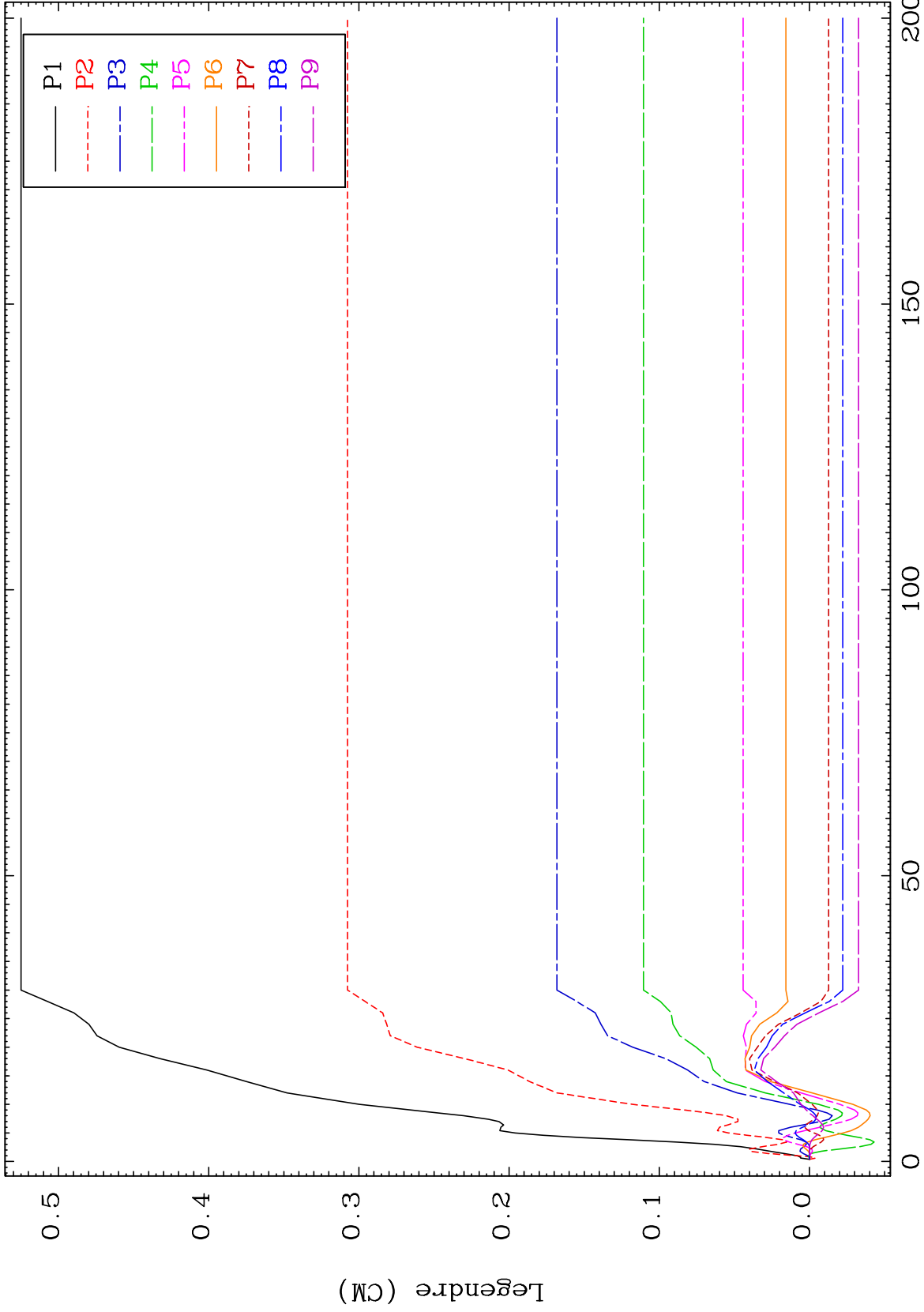
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68-Er-153



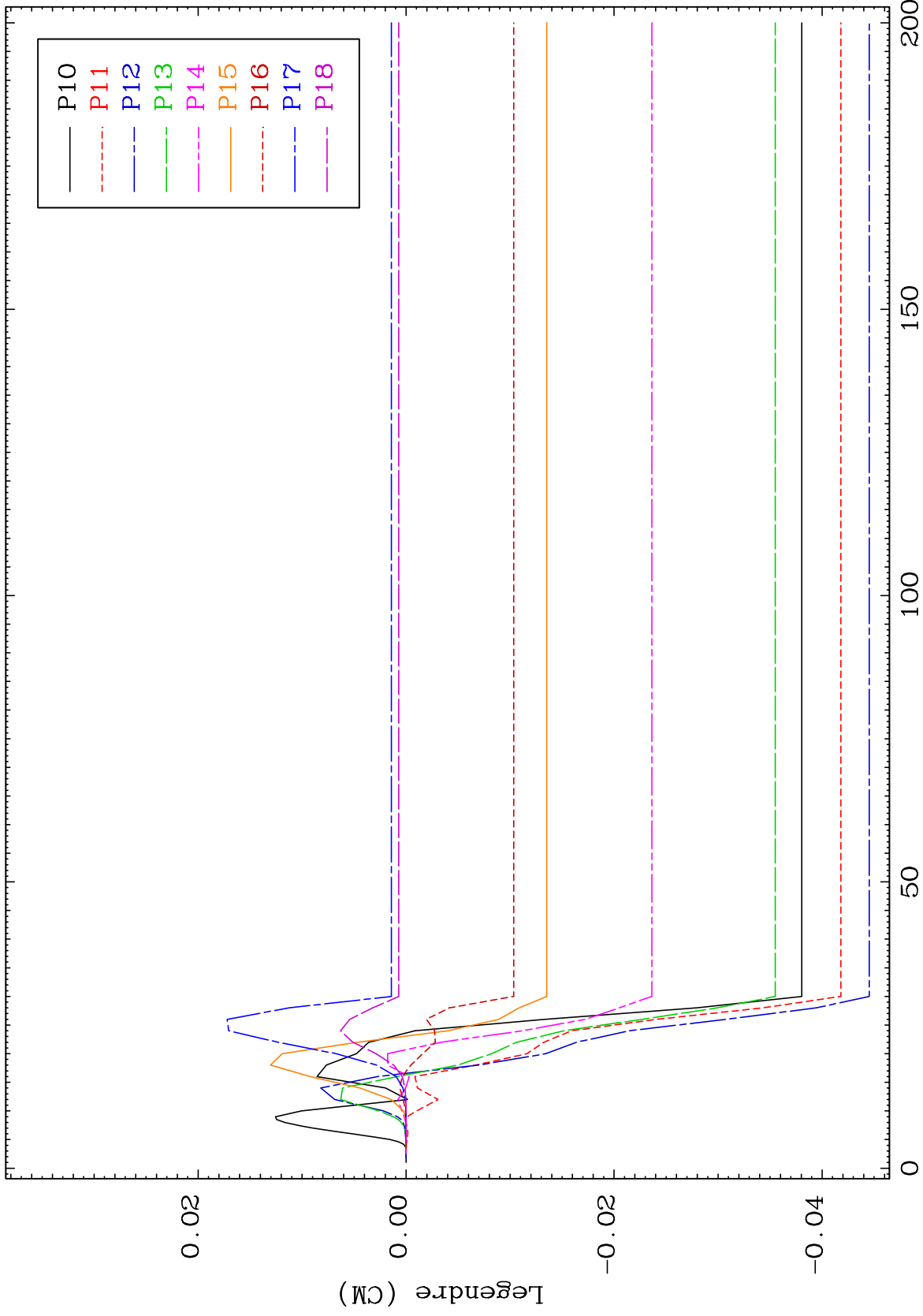




MAT 6798

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

68-Er-153



24

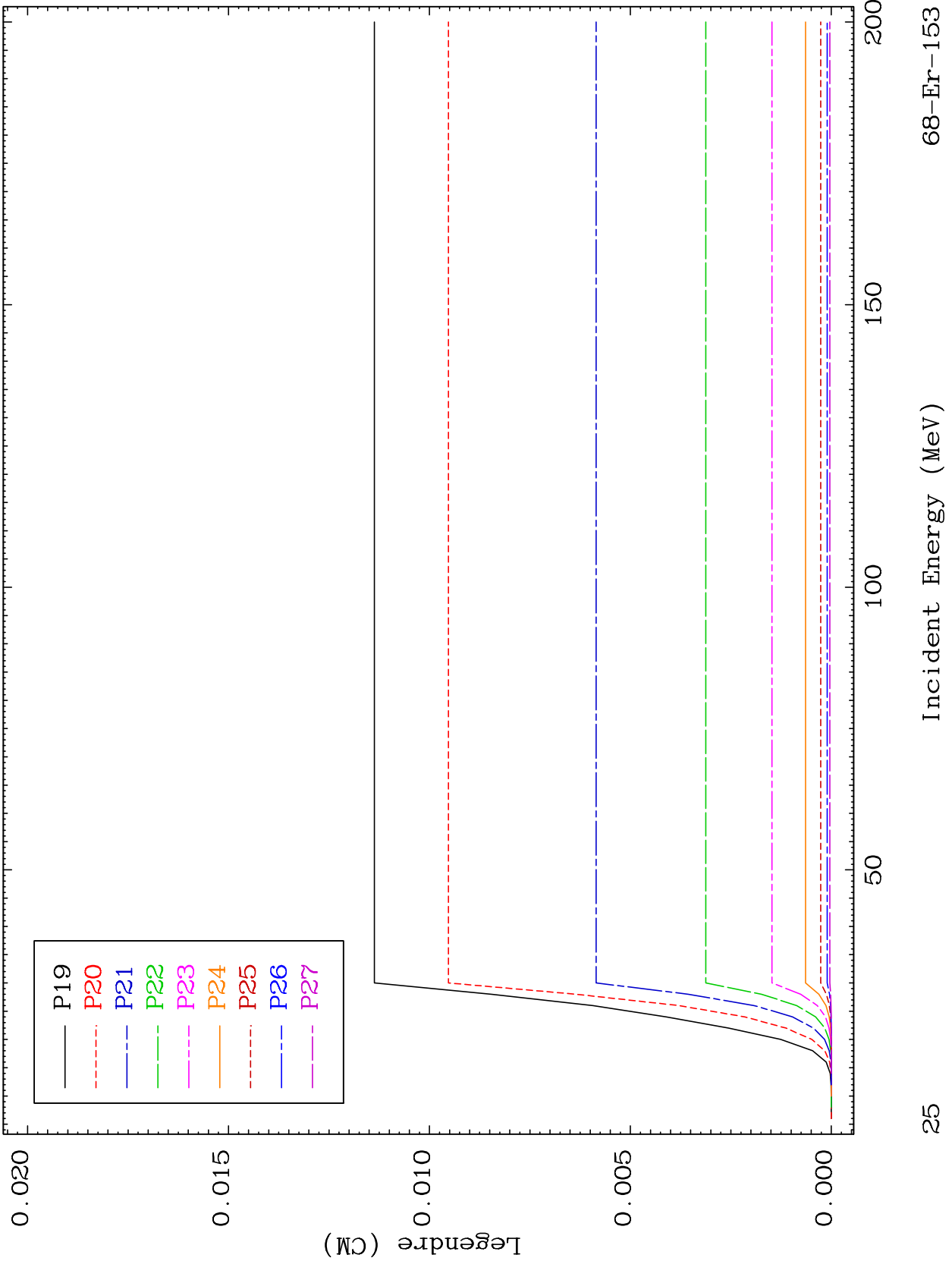
Incident Energy (MeV)

68-Er-153

MAT 6798

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

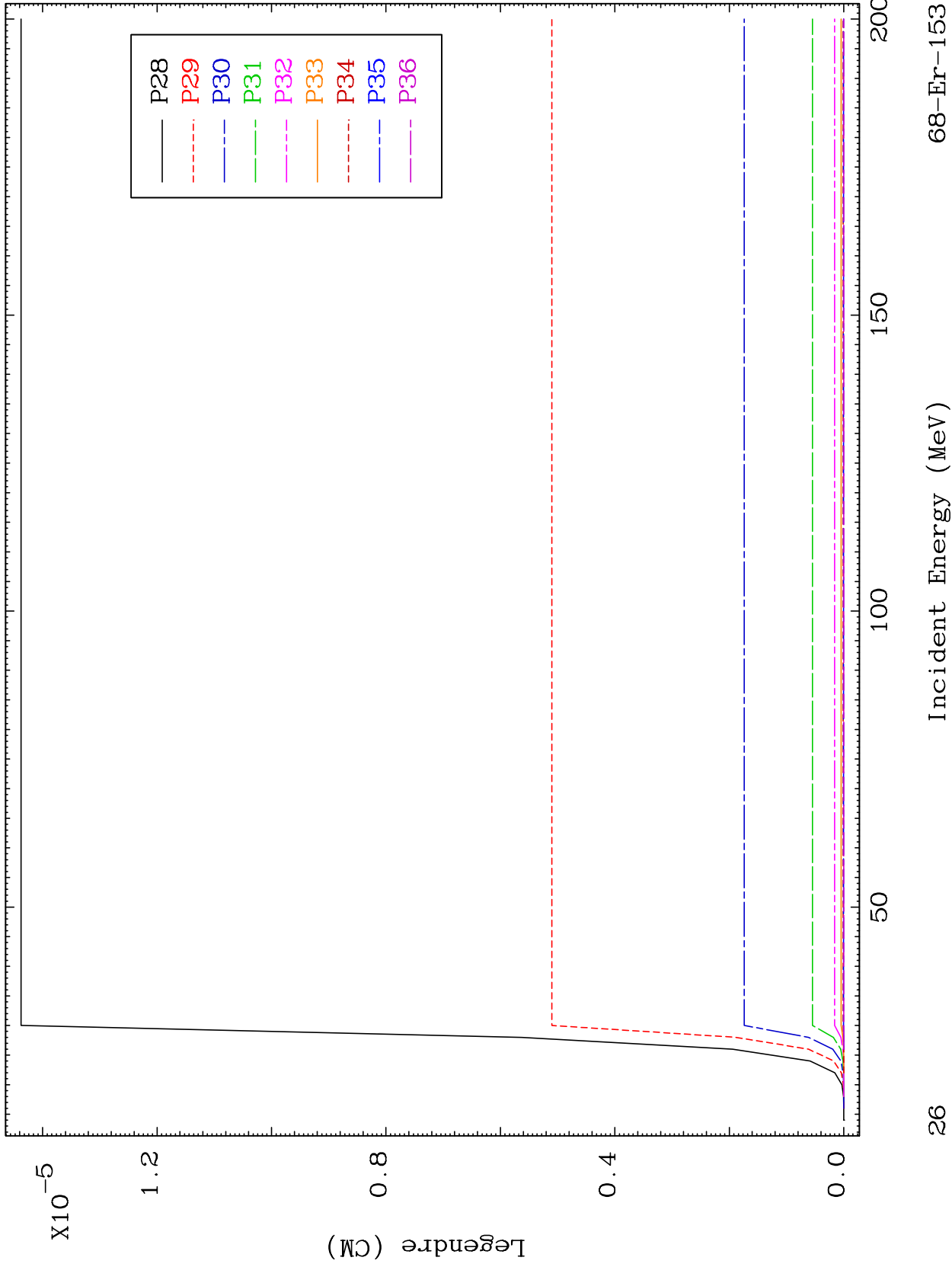
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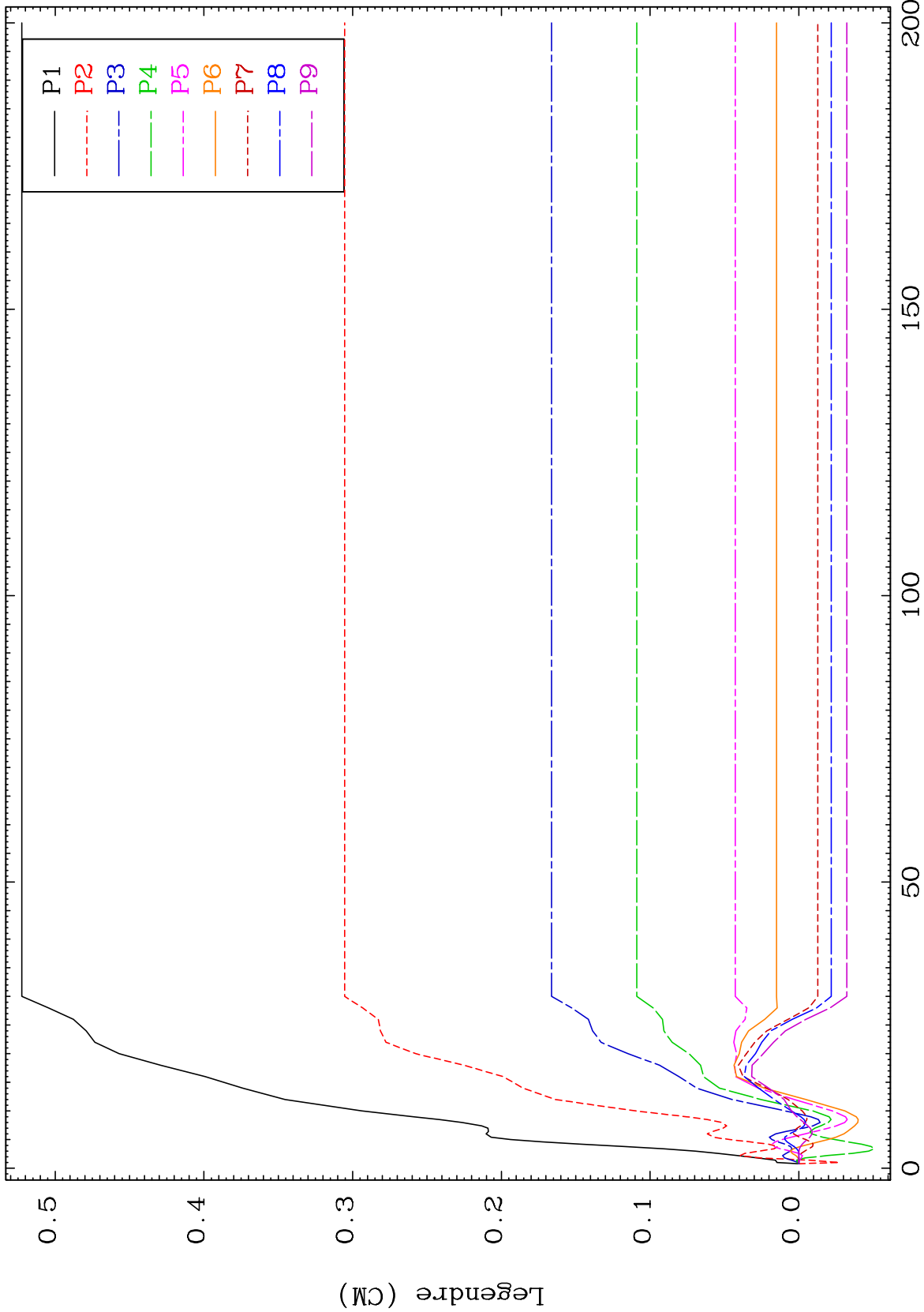


25

Incident Energy (MeV)

68-Er-153

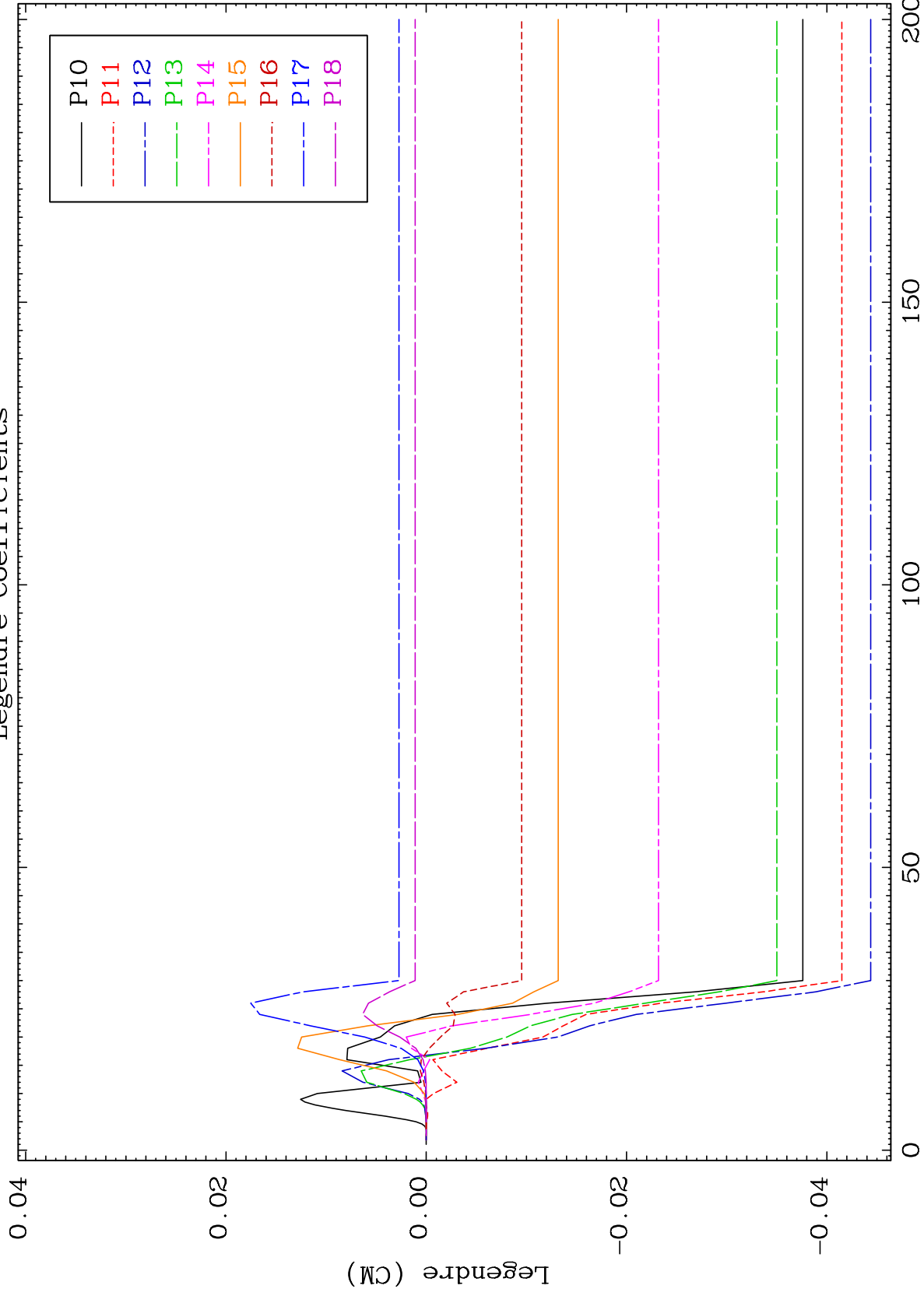




MAT 6798

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

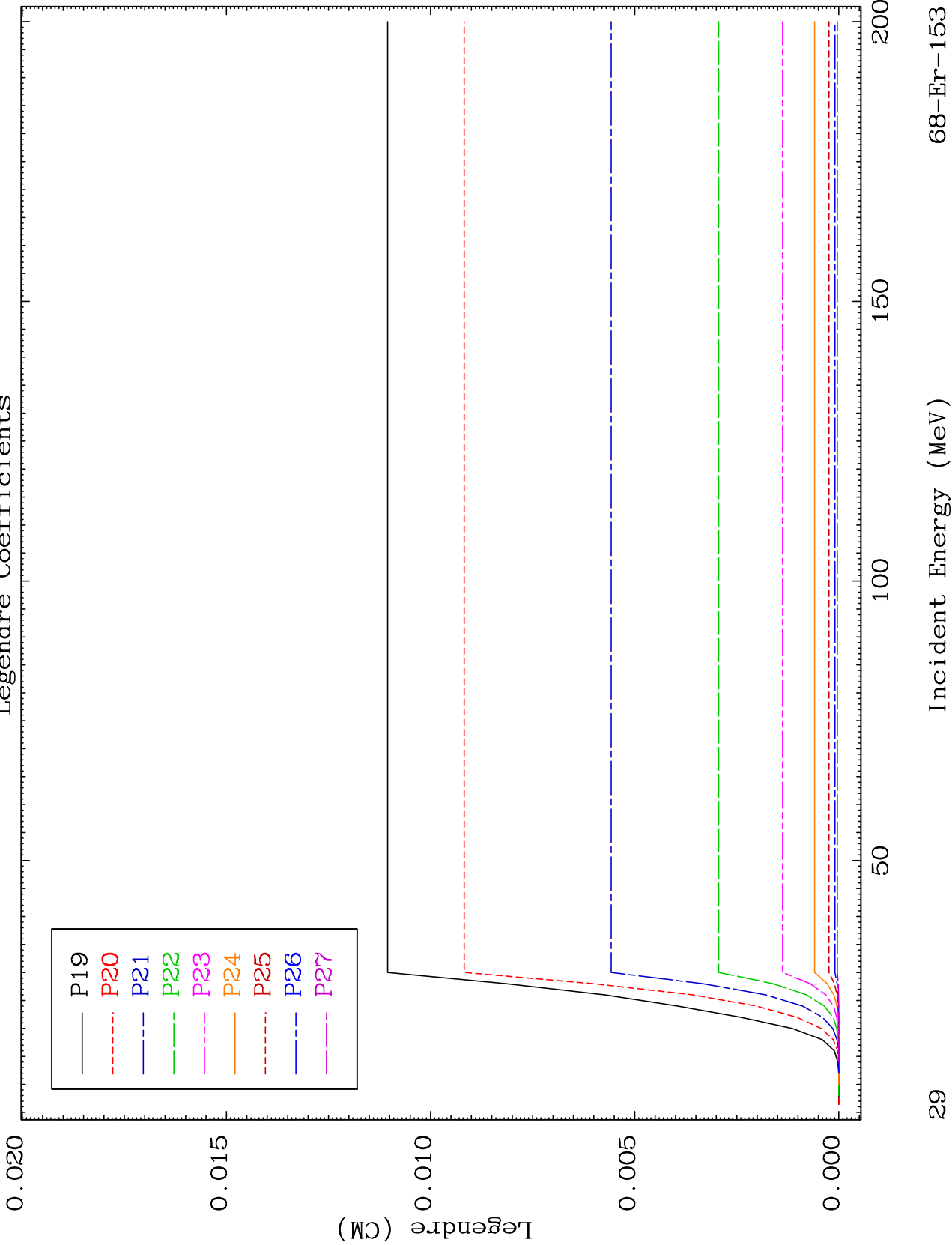
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28

Incident Energy (MeV)

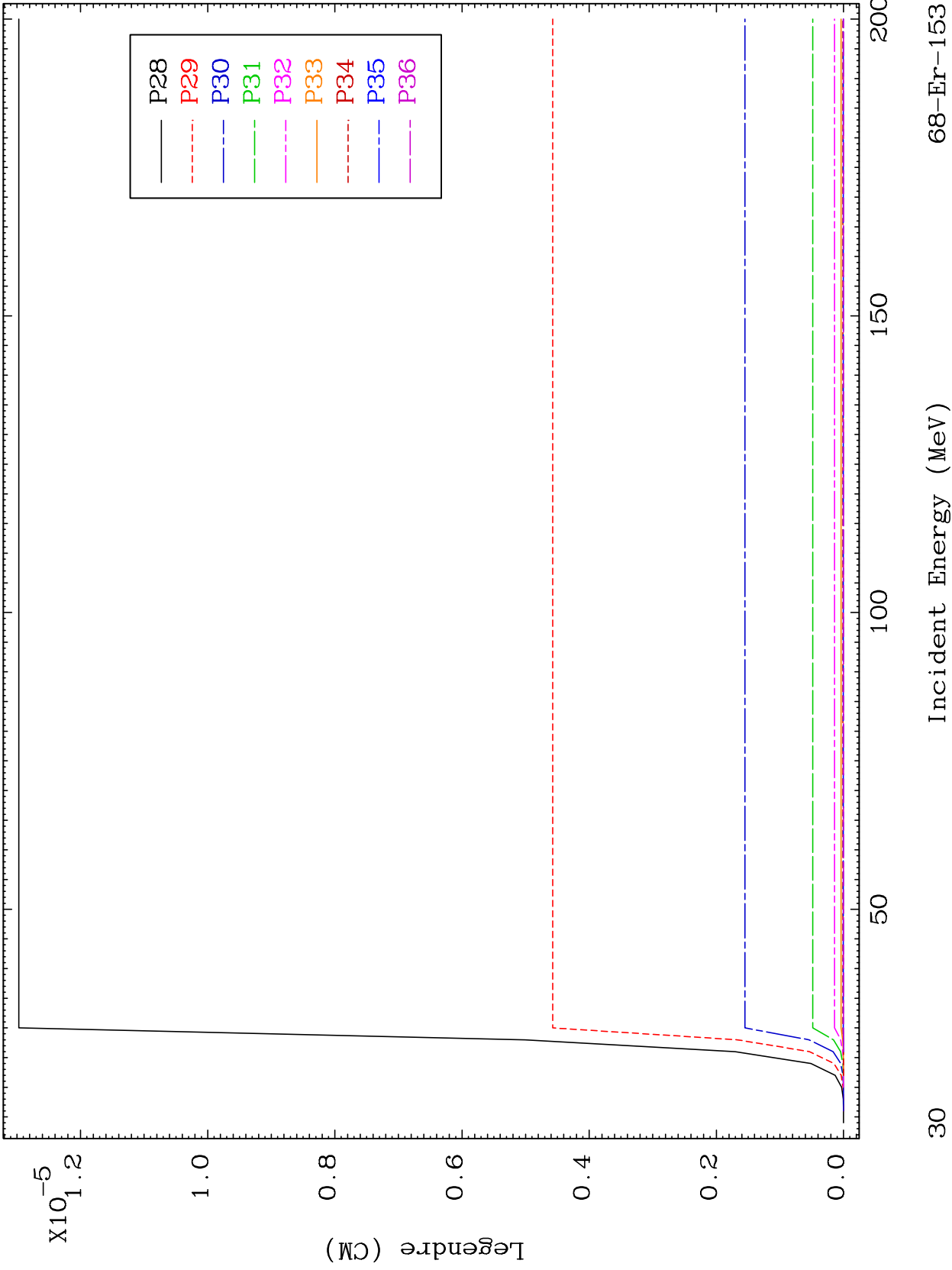
68-Er-153



MAT 6798

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

68-Er-153



68-Er-153

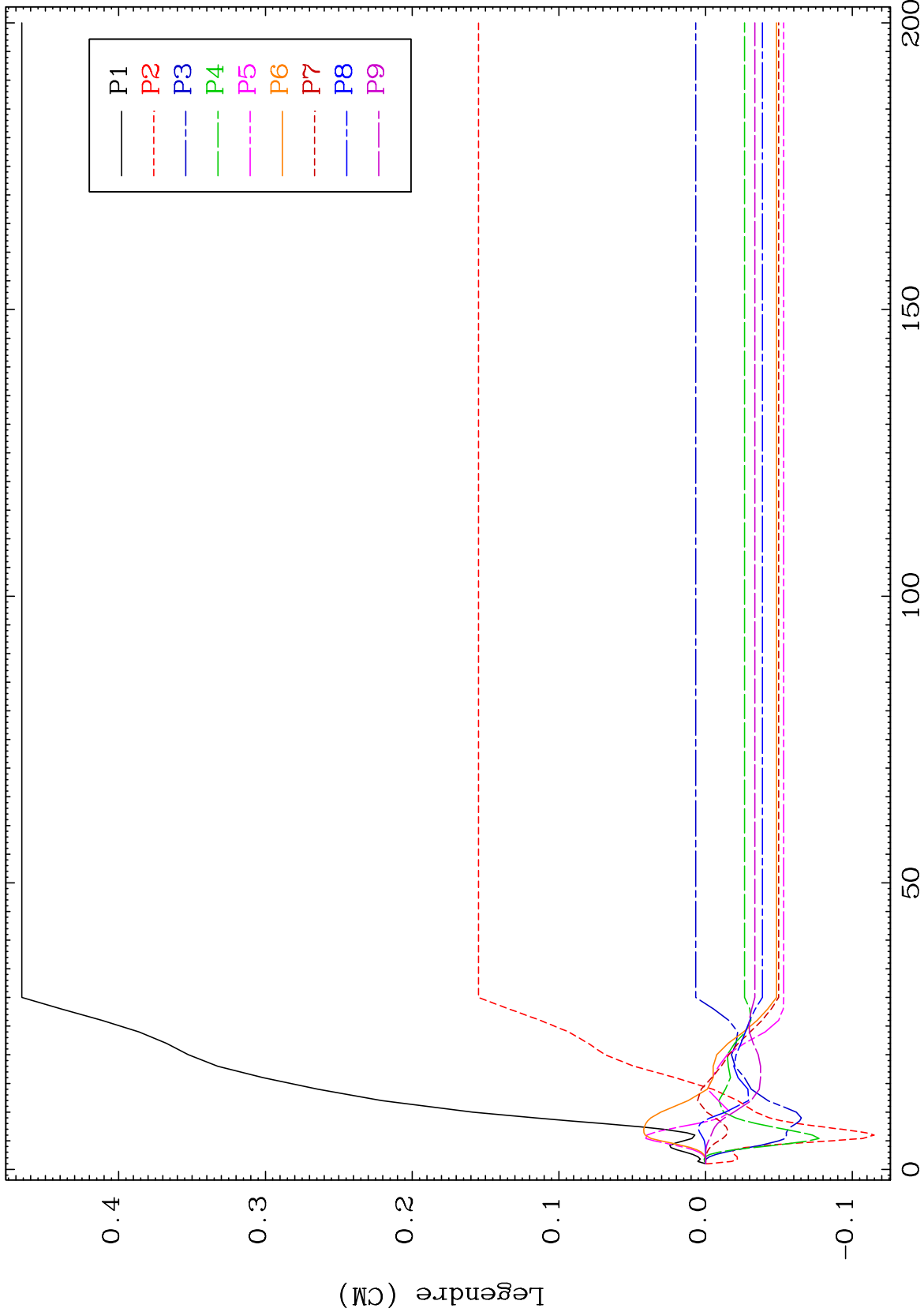
Incident Energy (MeV)

30

MAT 6798

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

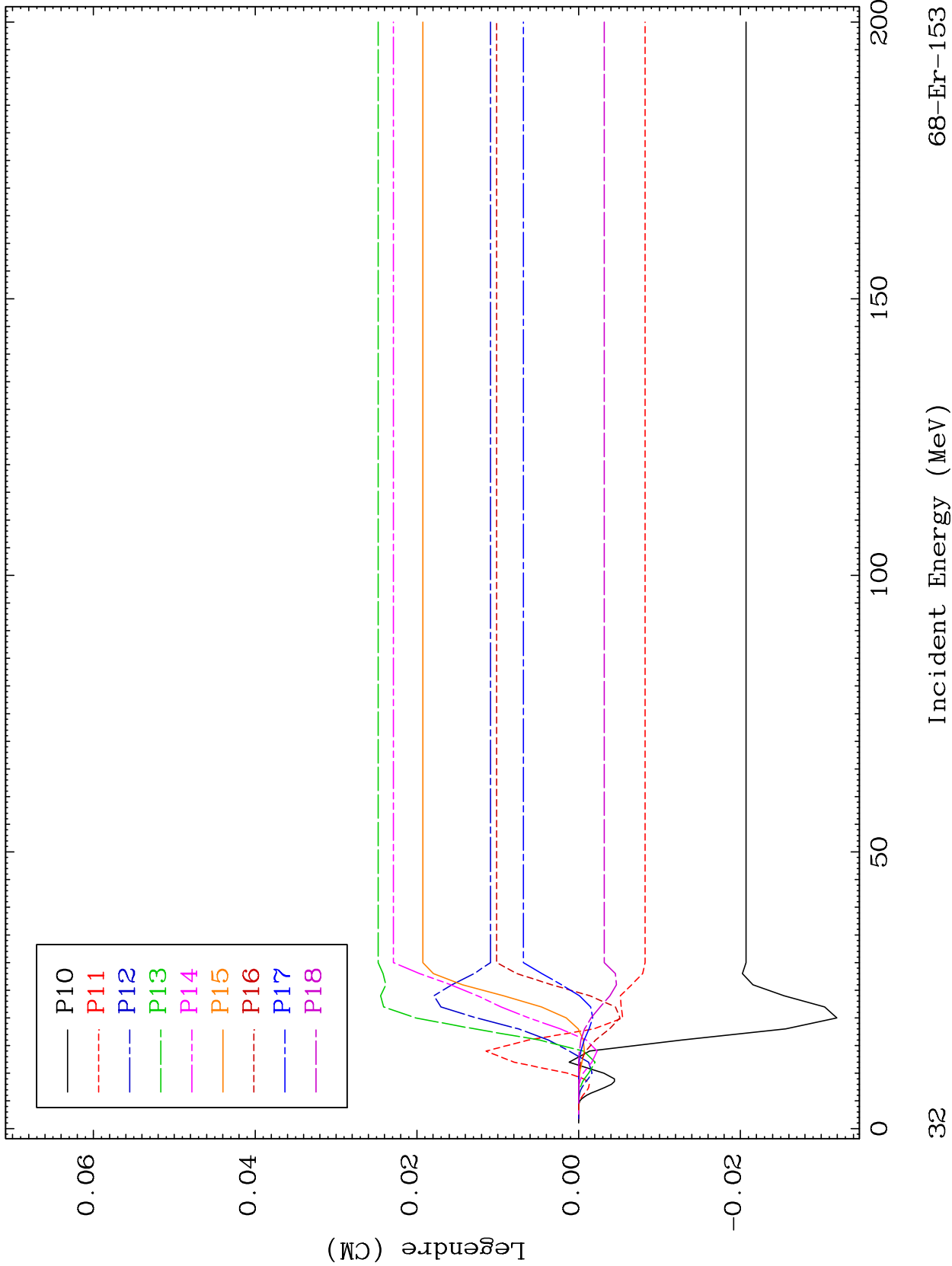
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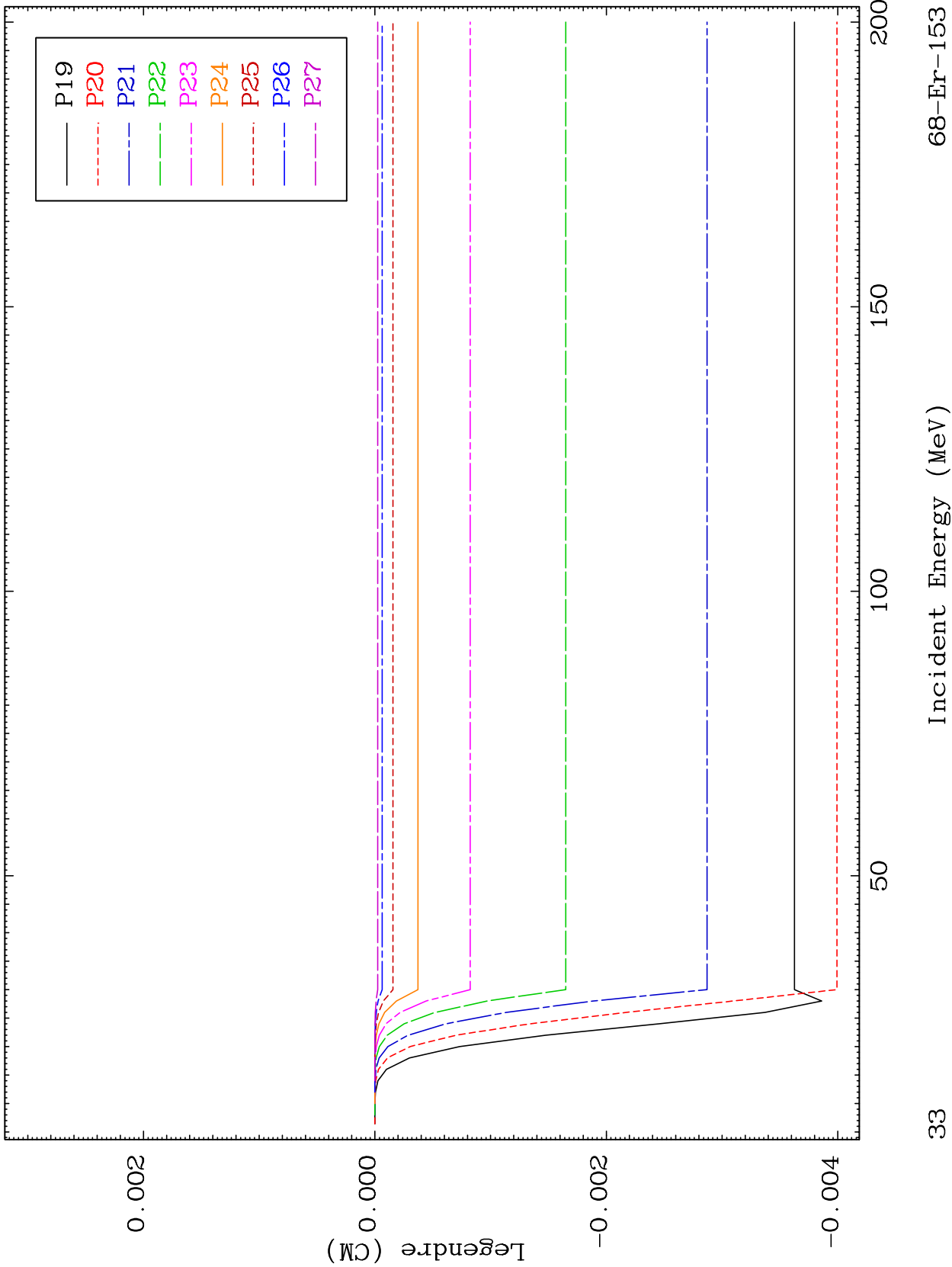


31

Incident Energy (MeV)

68-Er-153

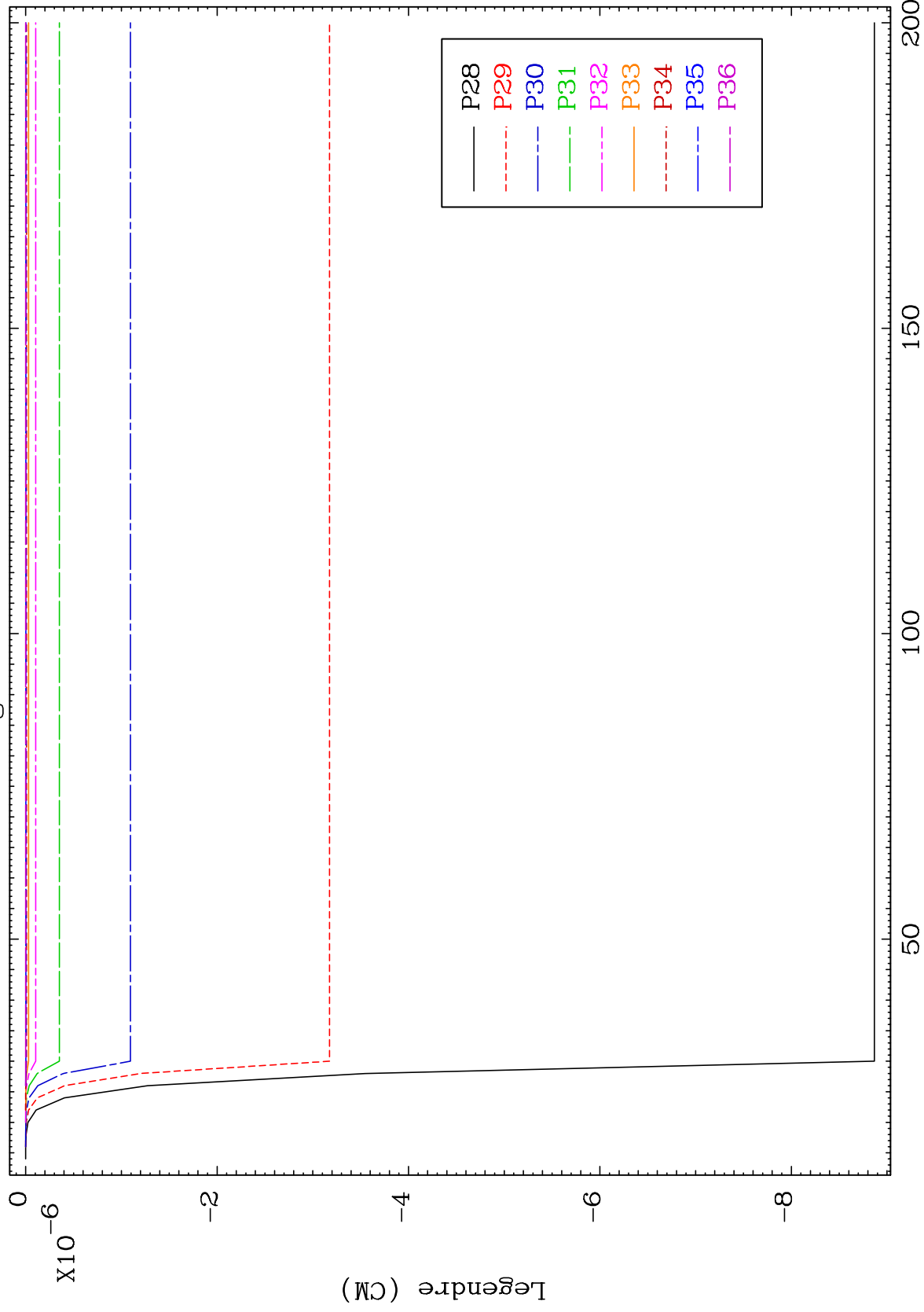




MAT 6798

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

68-Er-153



34

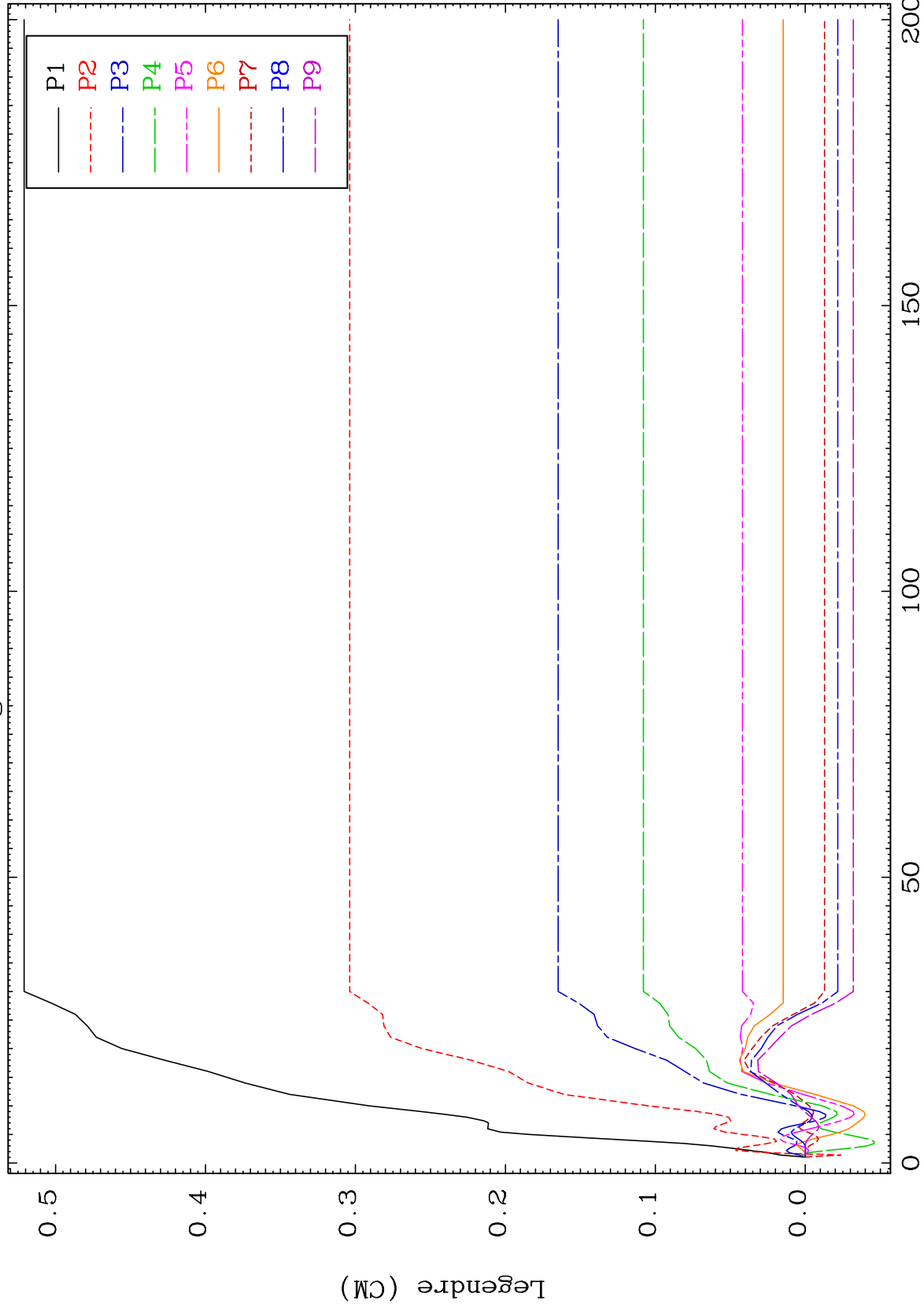
Incident Energy (MeV)

68-Er-153

MAT 6798

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

68-Er-153



35

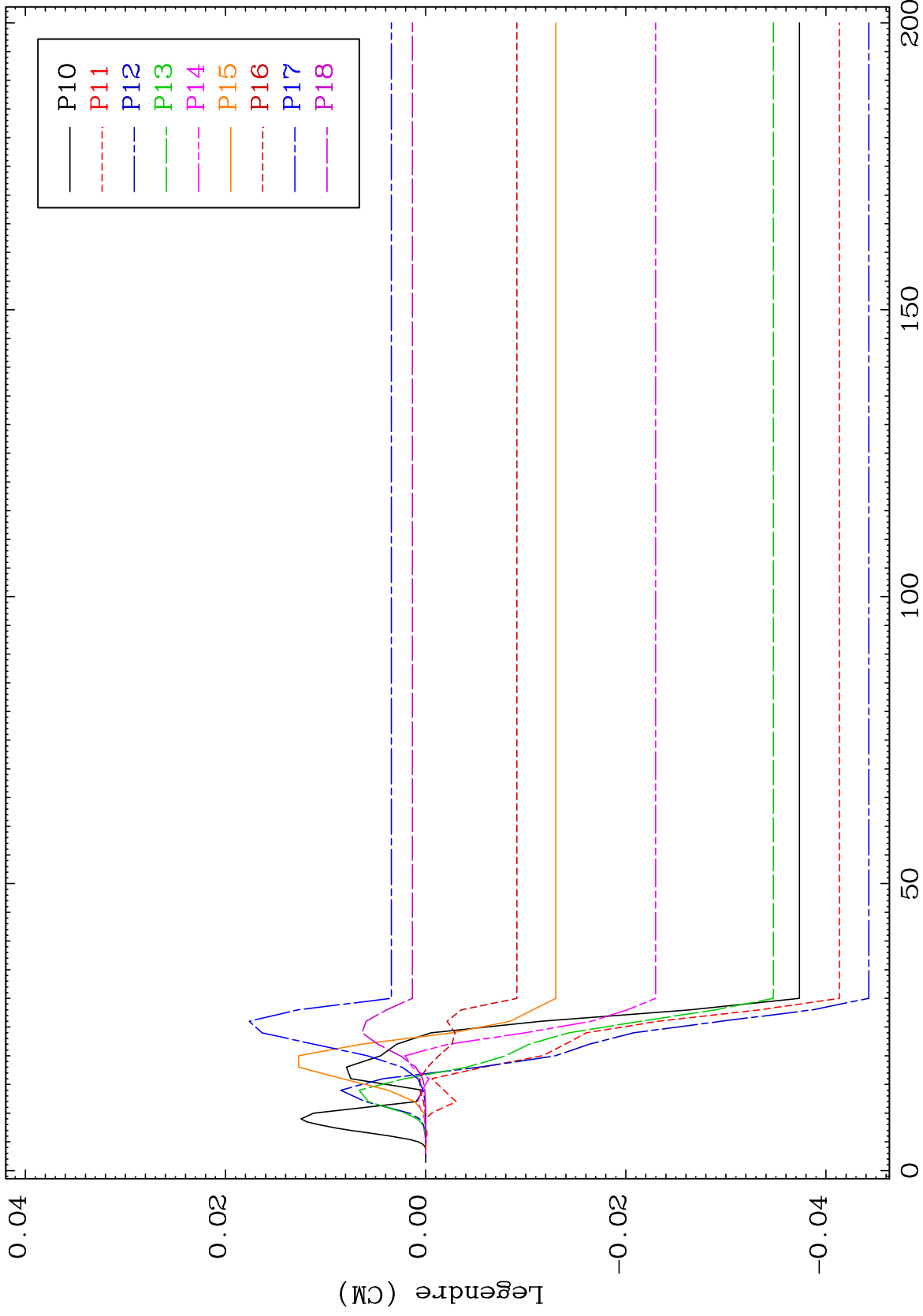
Incident Energy (MeV)

68-Er-153

MAT 6798

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

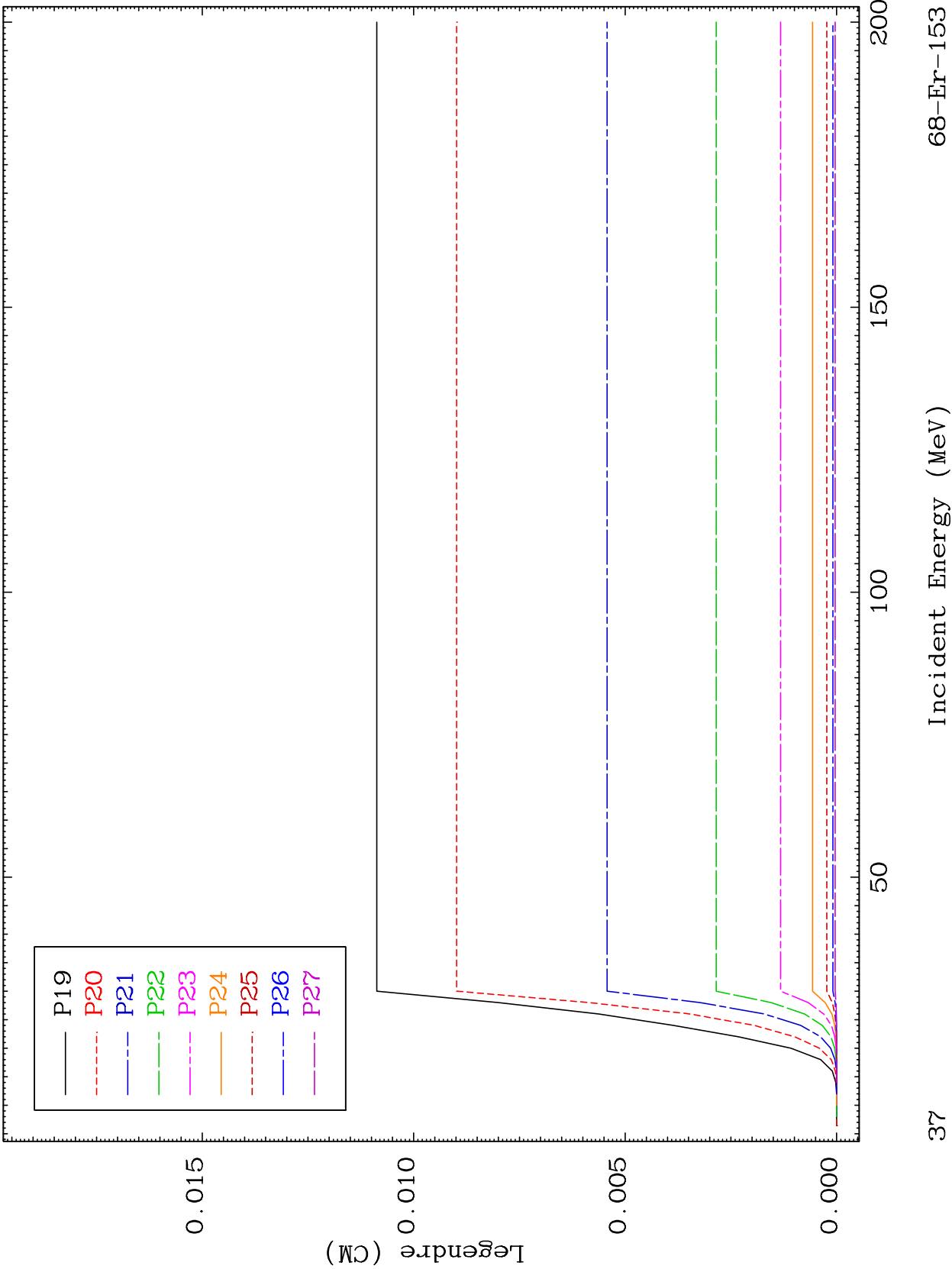
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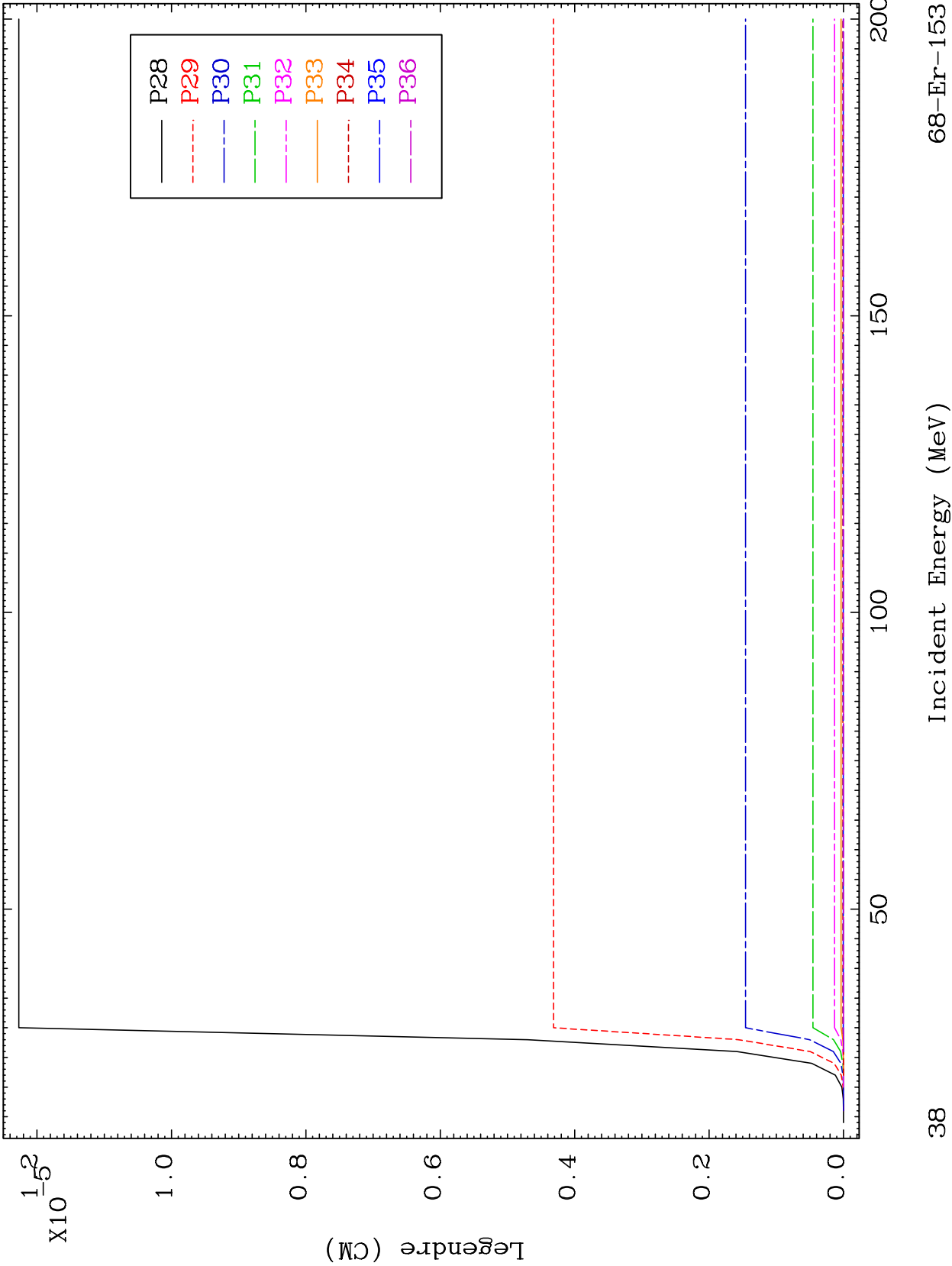


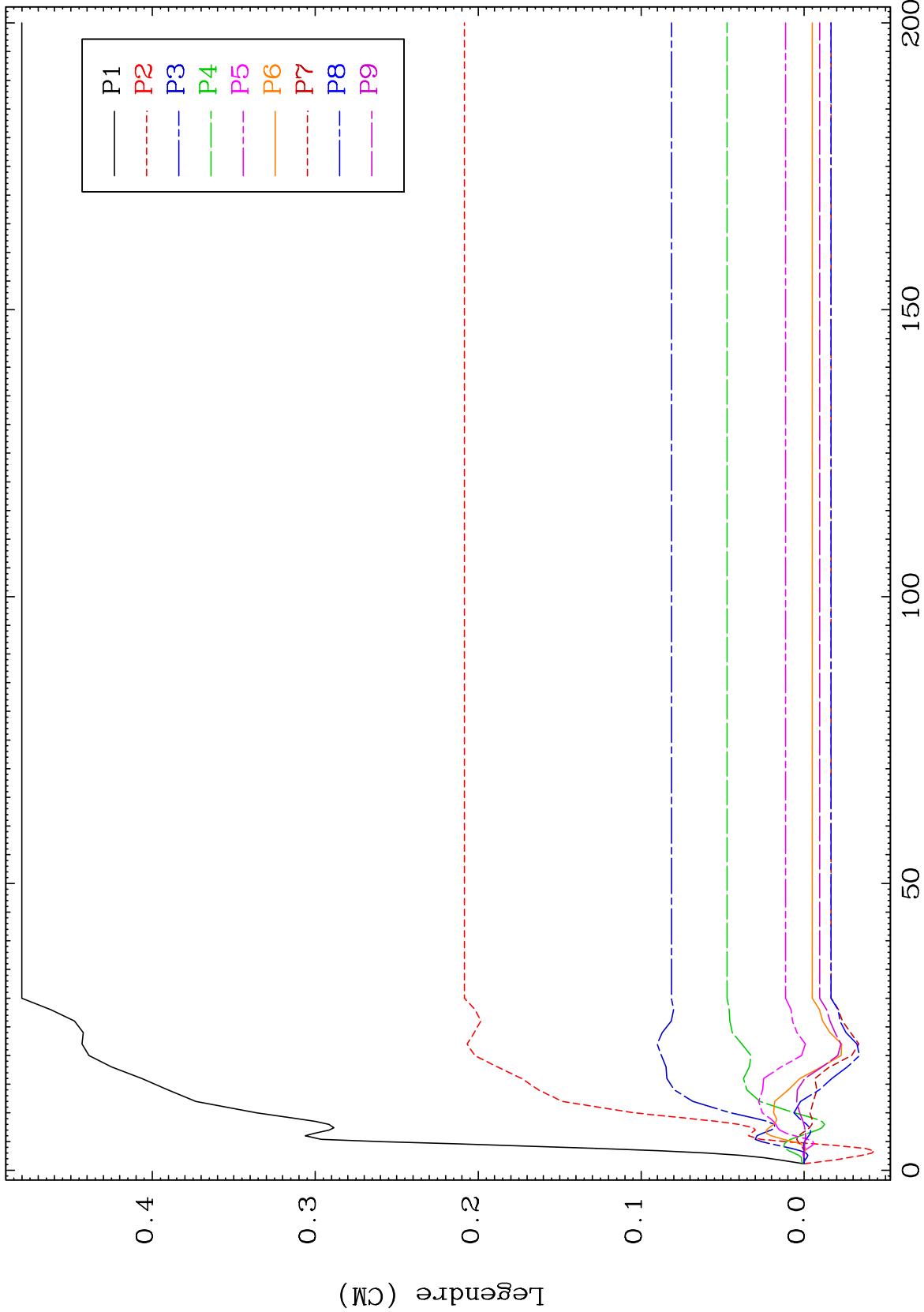
36

Incident Energy (MeV)

68-Er-153



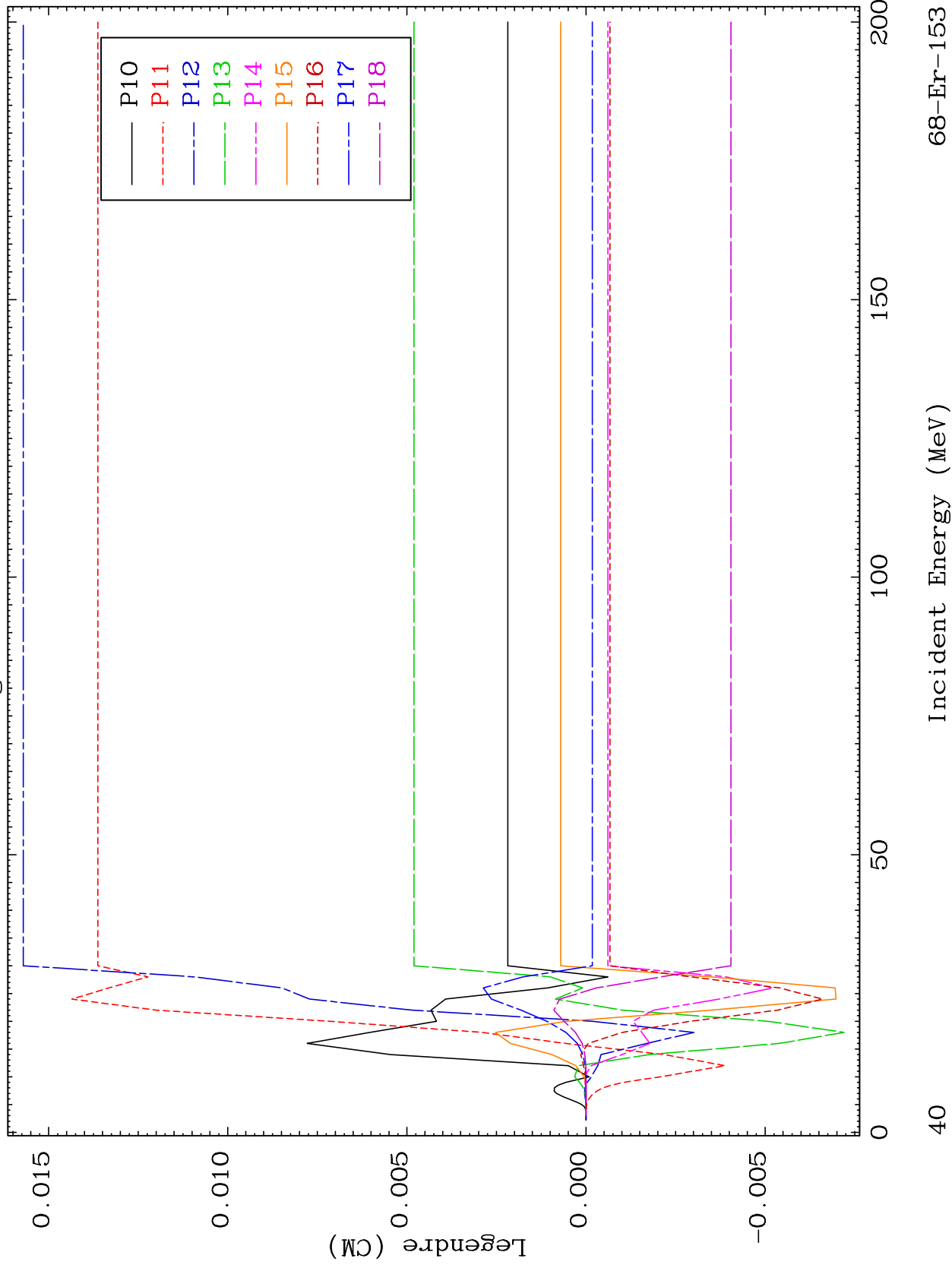




MAT 6798

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

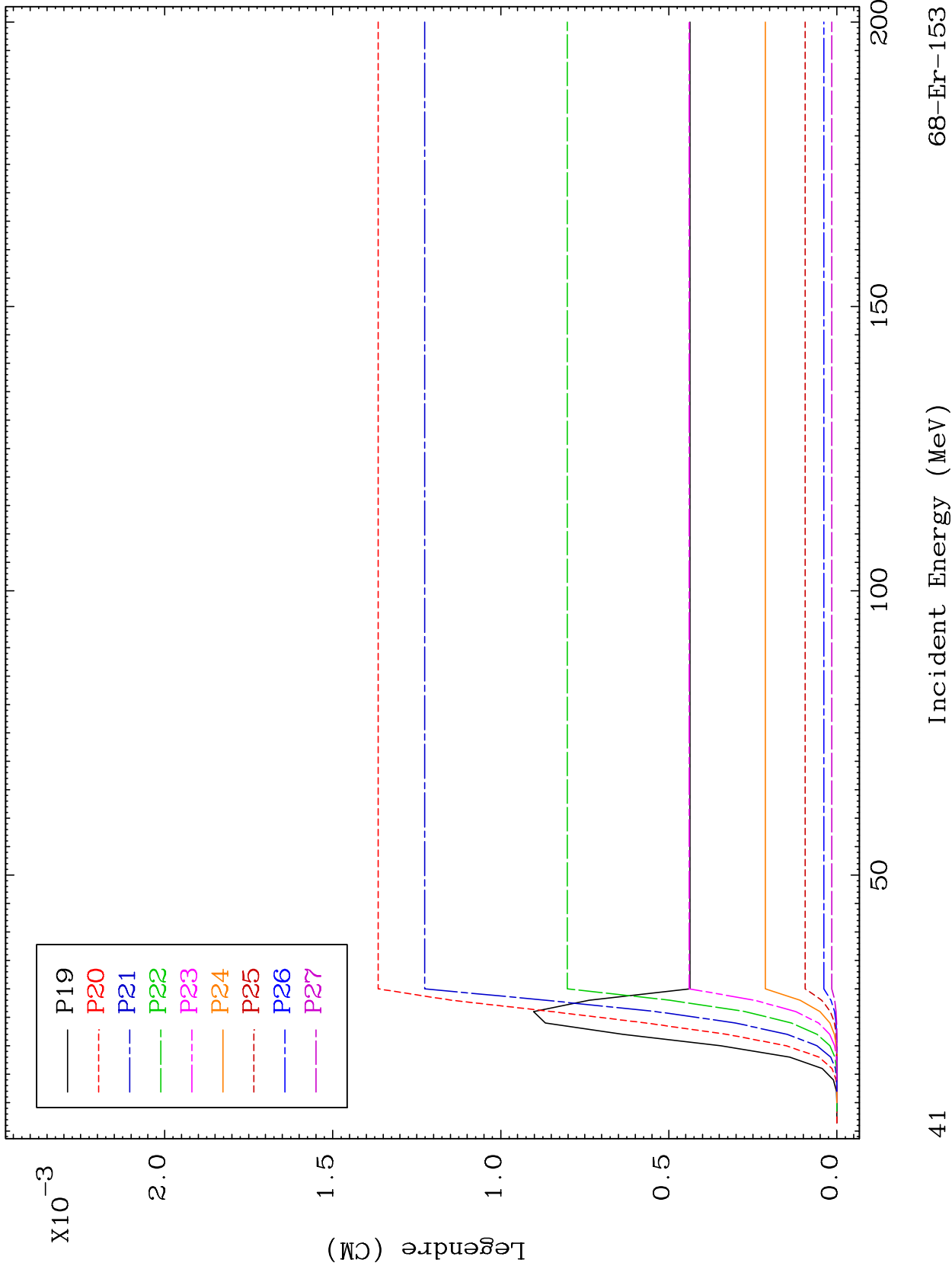
68-Er-153



68-Er-153

Incident Energy (MeV)

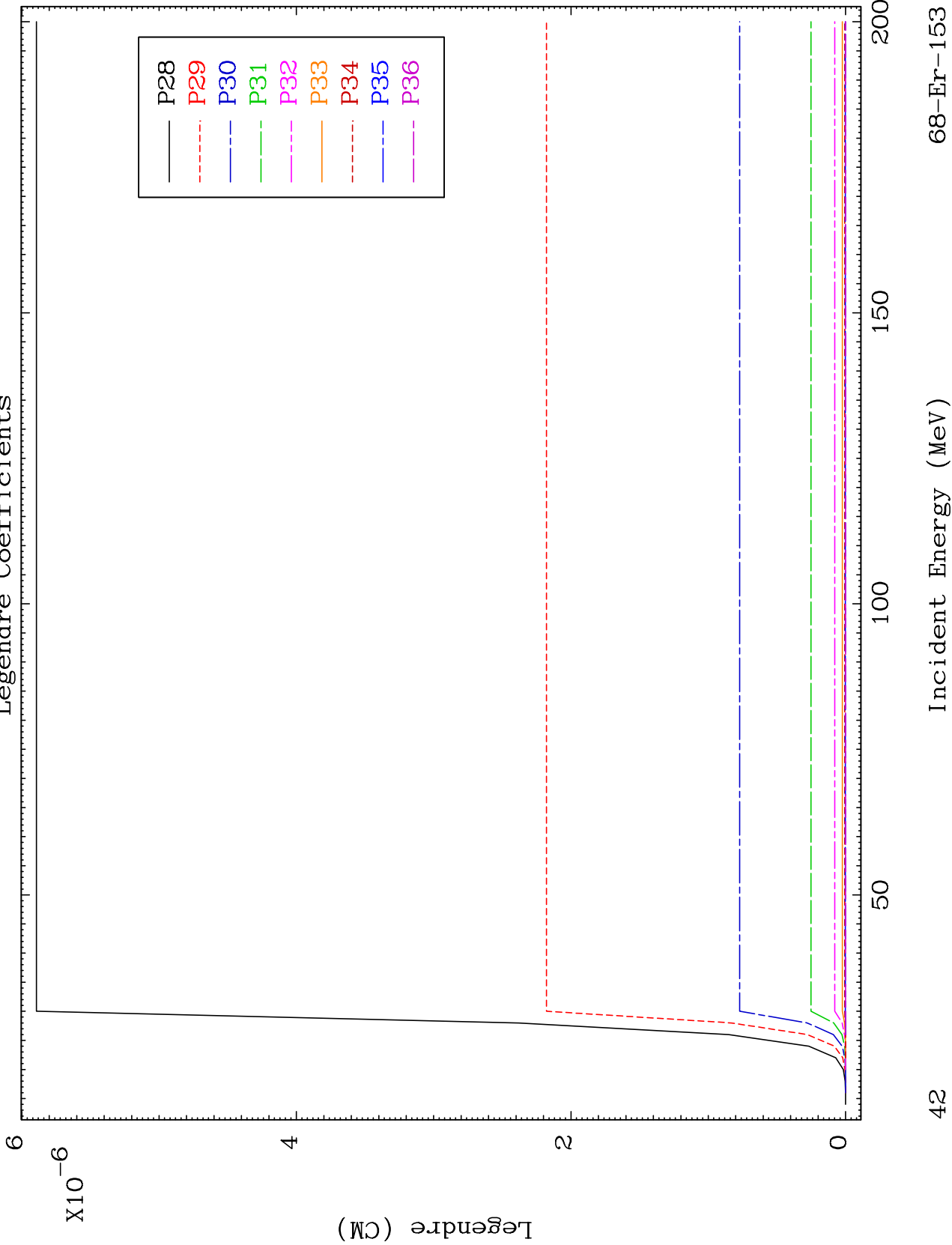
40



MAT 6798

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

68-Er-153



42

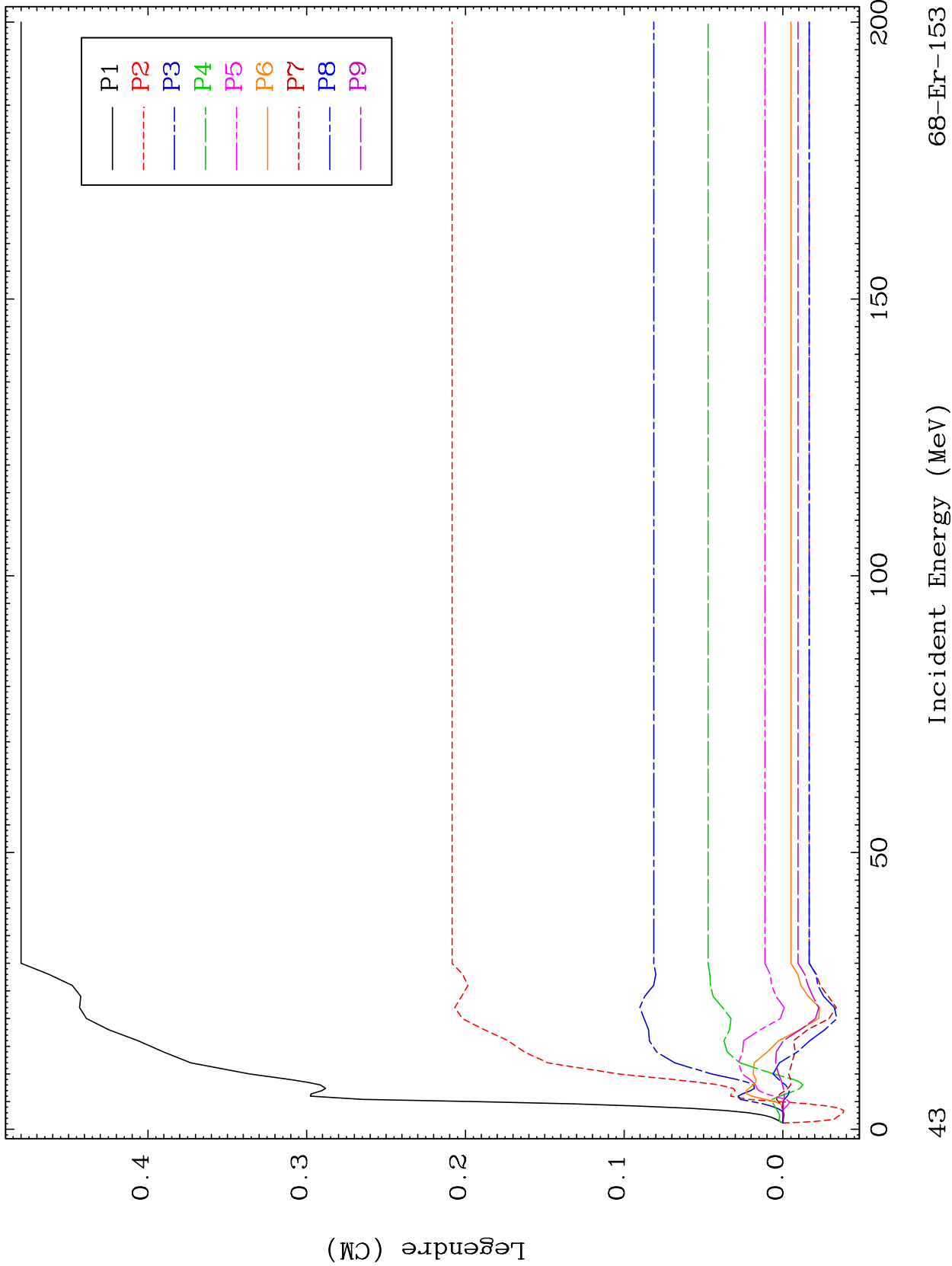
Incident Energy (MeV)

68-Er-153

MAT 6798

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

68-Er-153



68-Er-153

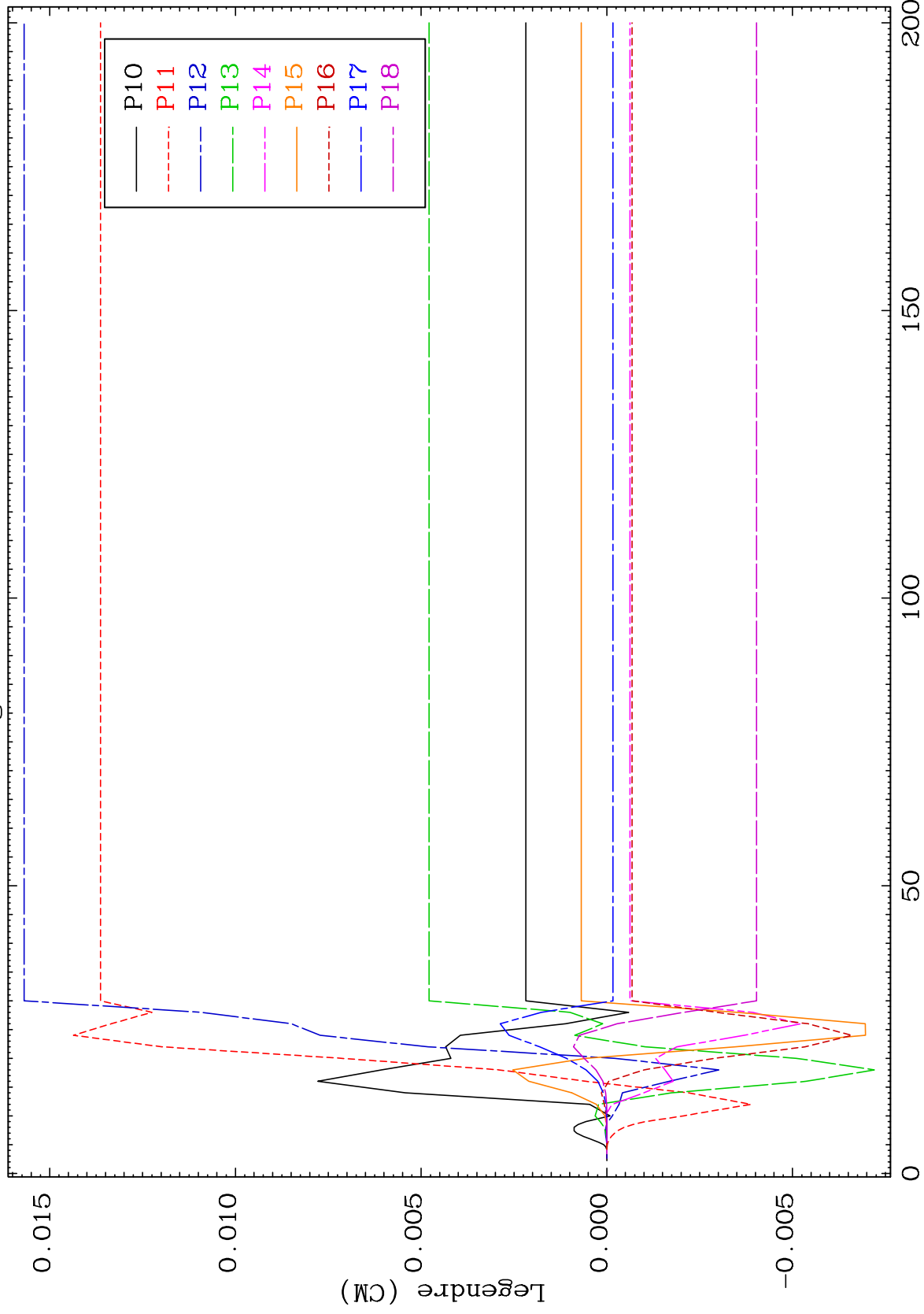
Incident Energy (MeV)

43

MAT 6798

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

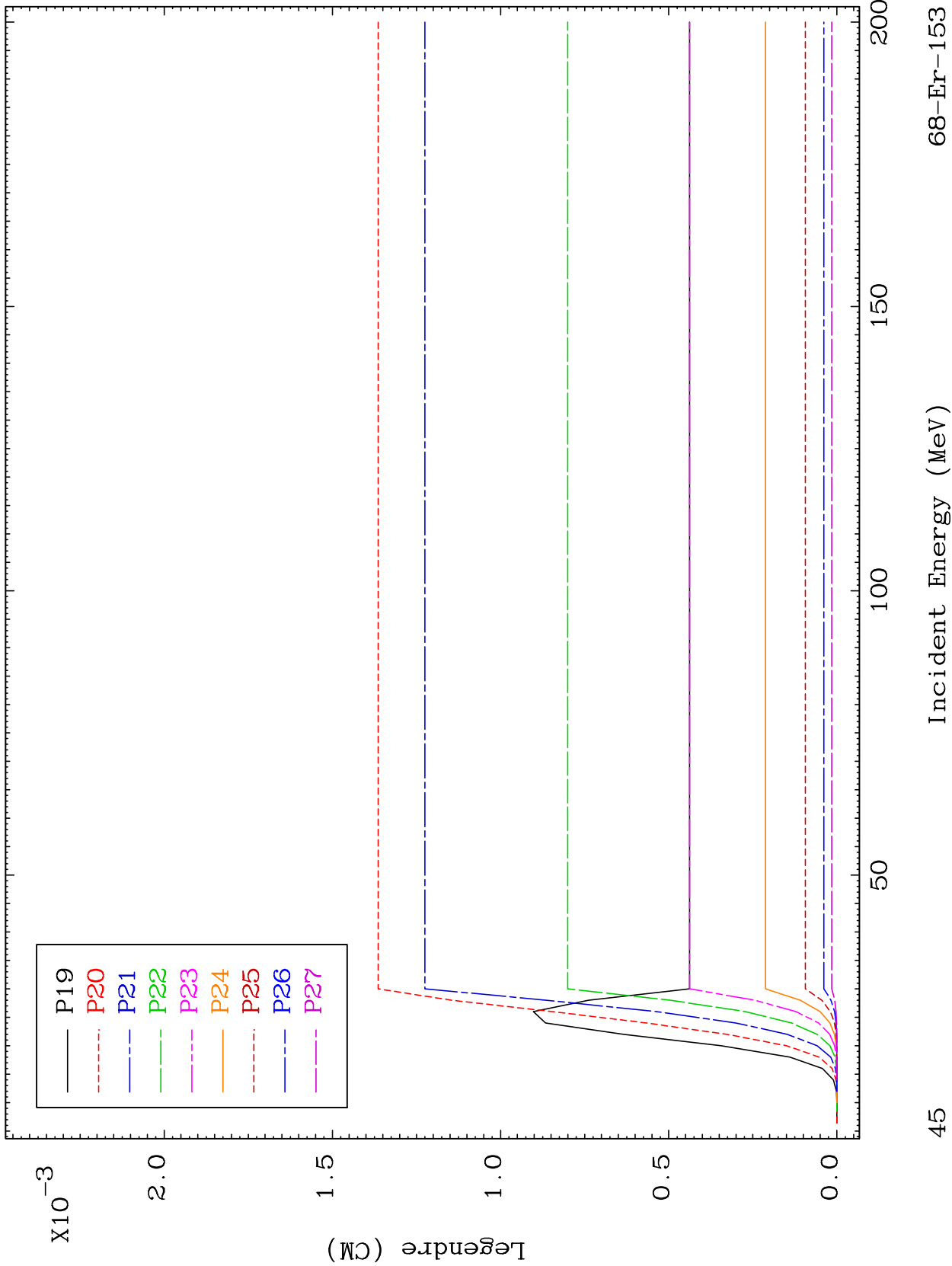
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44

Incident Energy (MeV)

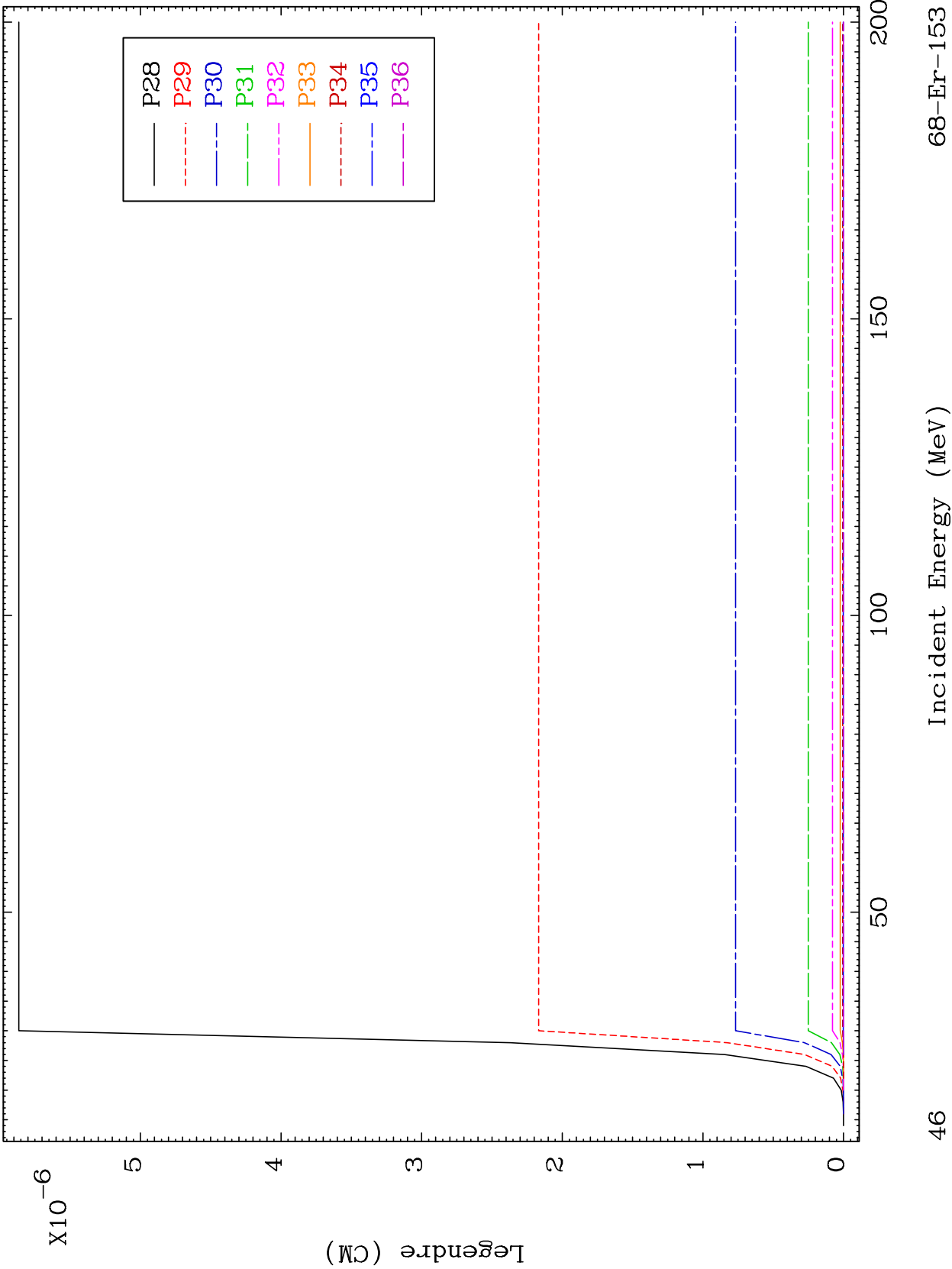
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MAT 6798

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

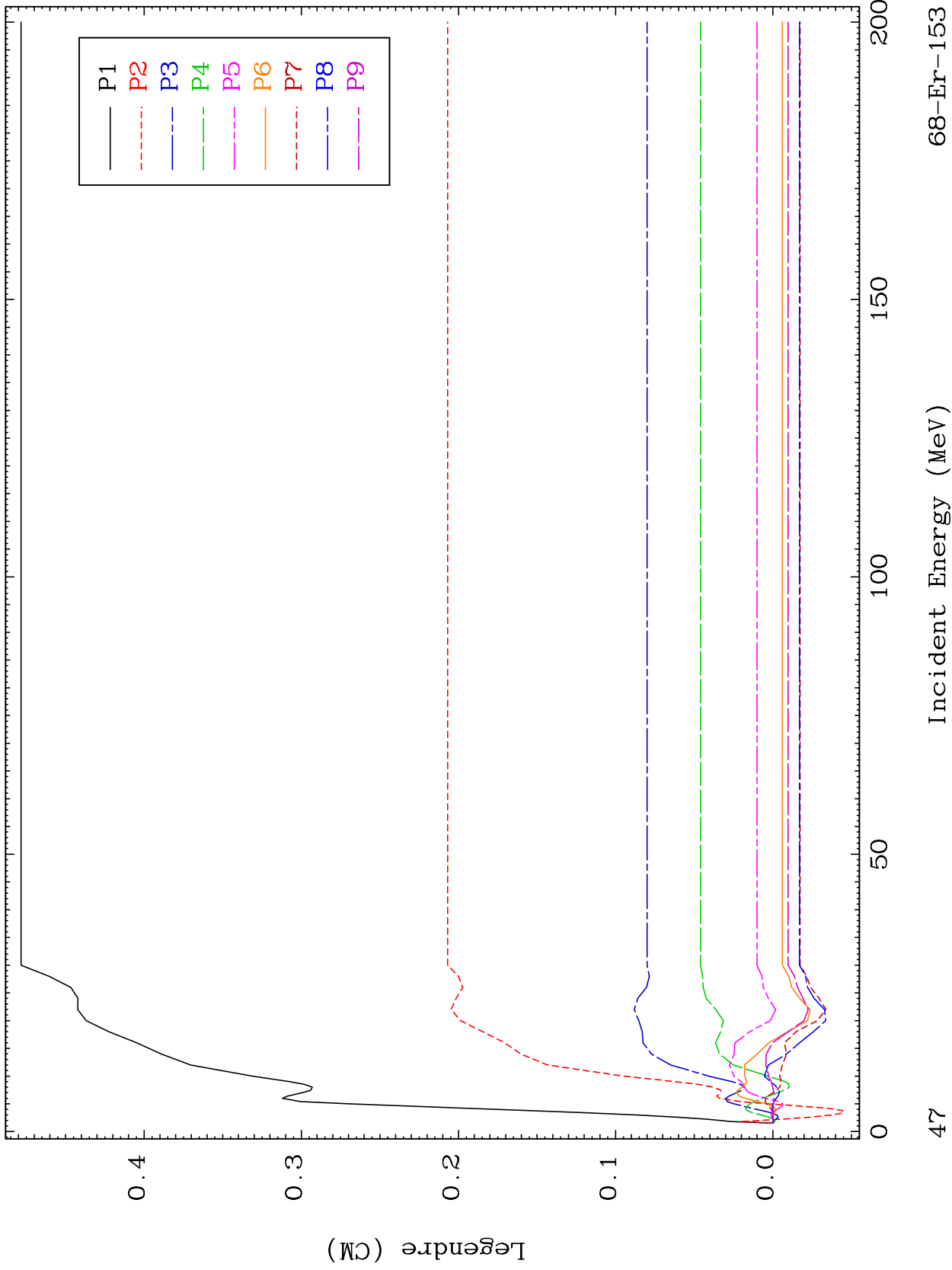
68-Er-153



46

Incident Energy (MeV)

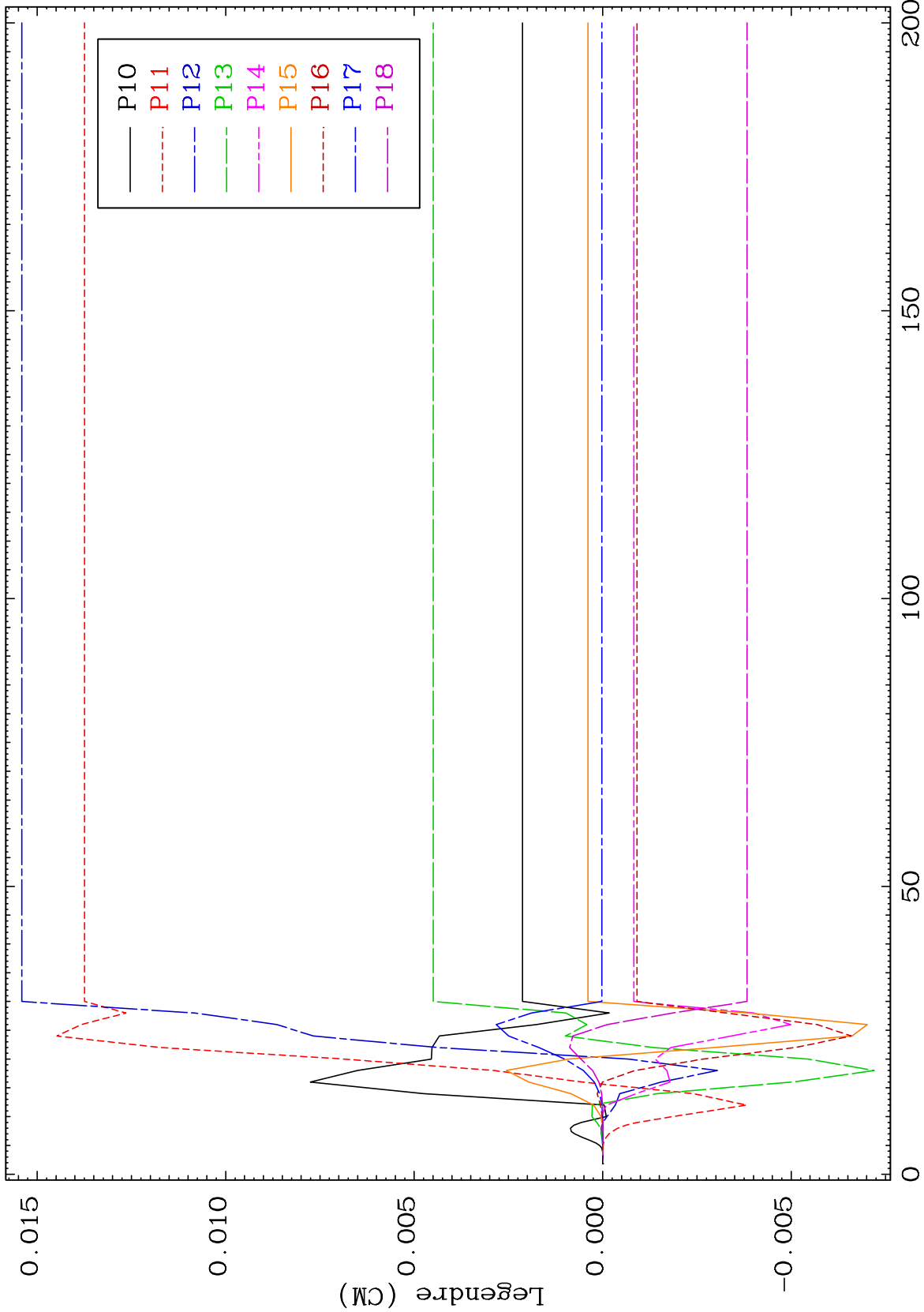
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MAT 6798

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

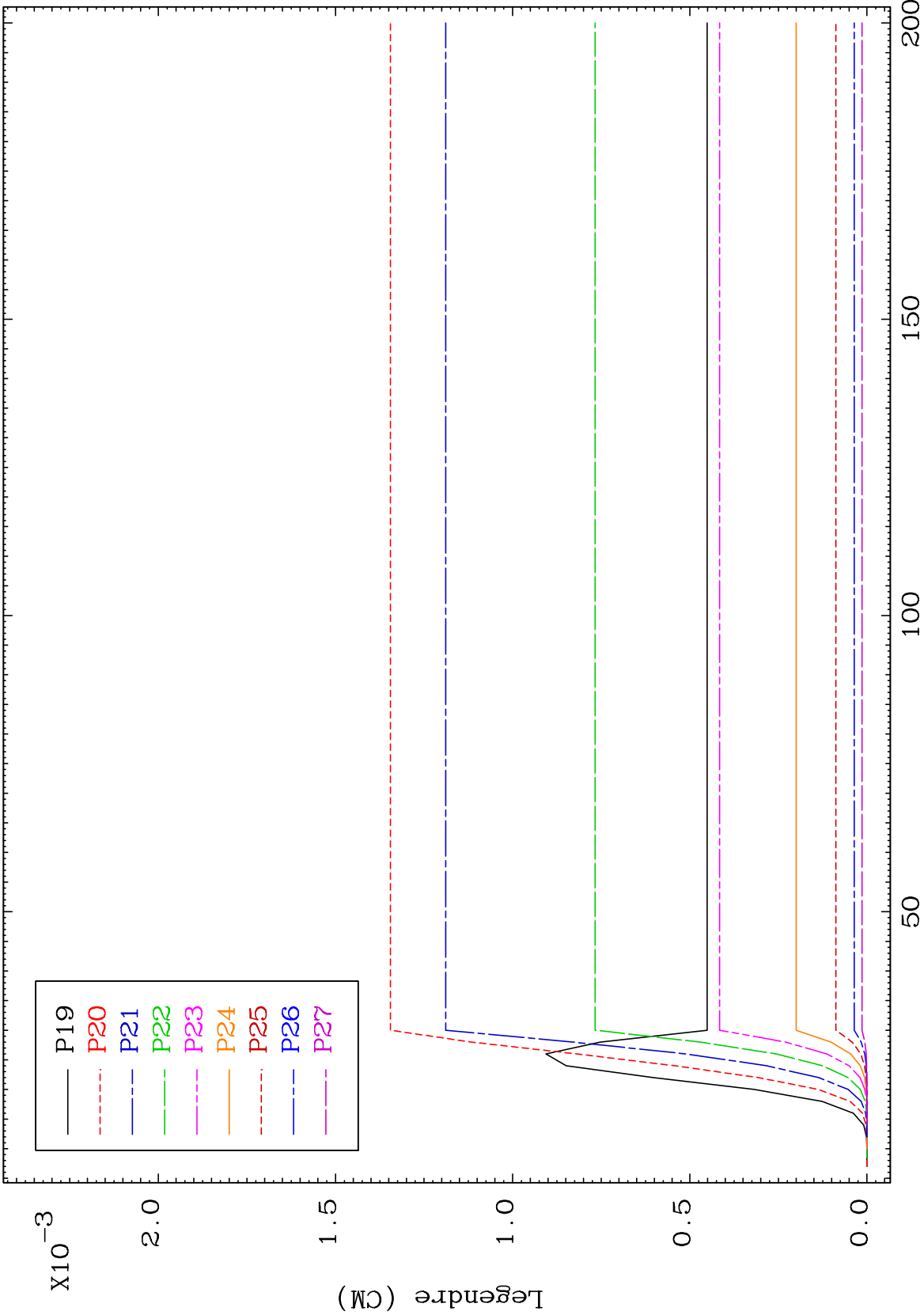
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48

Incident Energy (MeV)

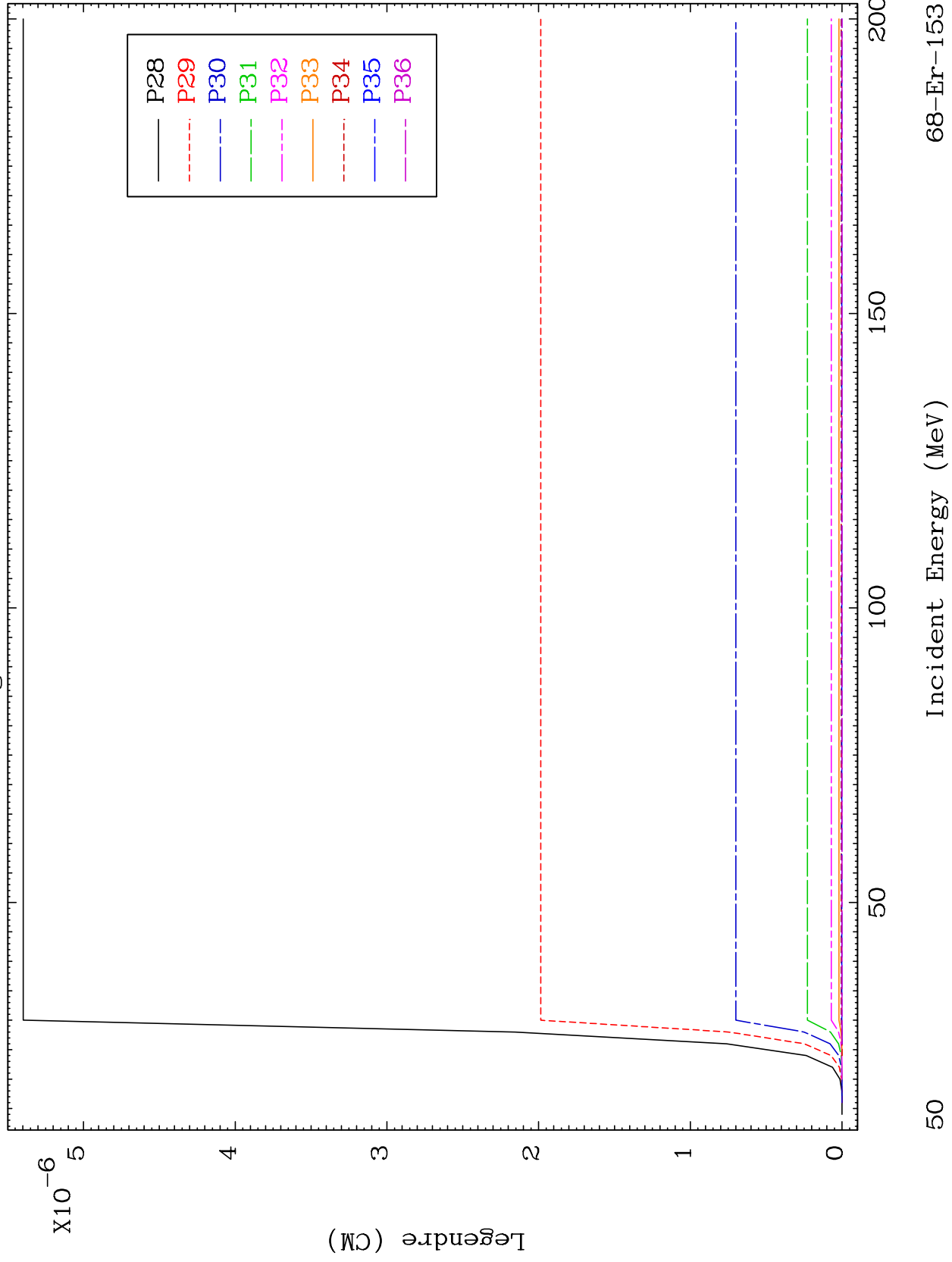
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MAT 6798

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

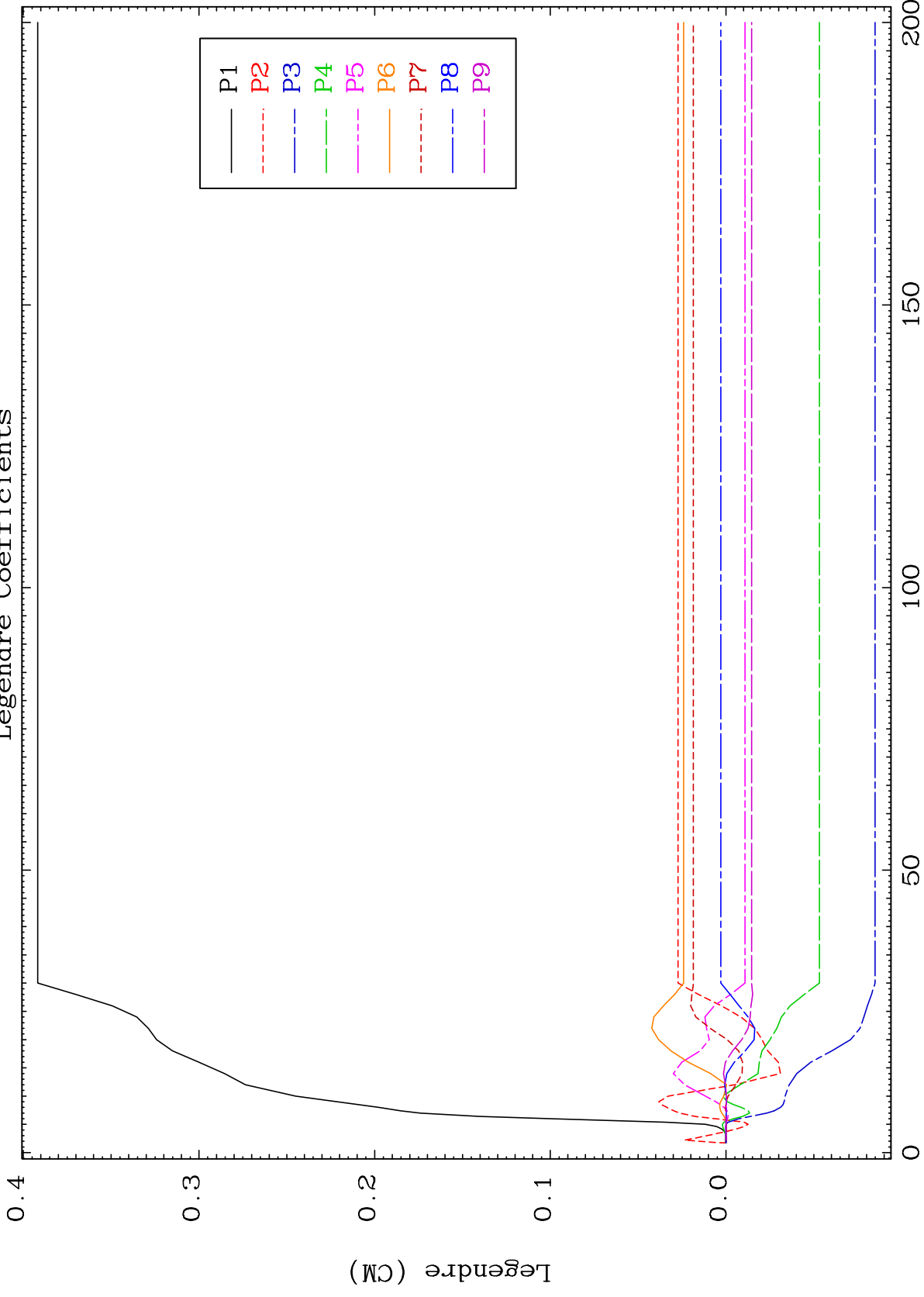
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MAT 6798

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

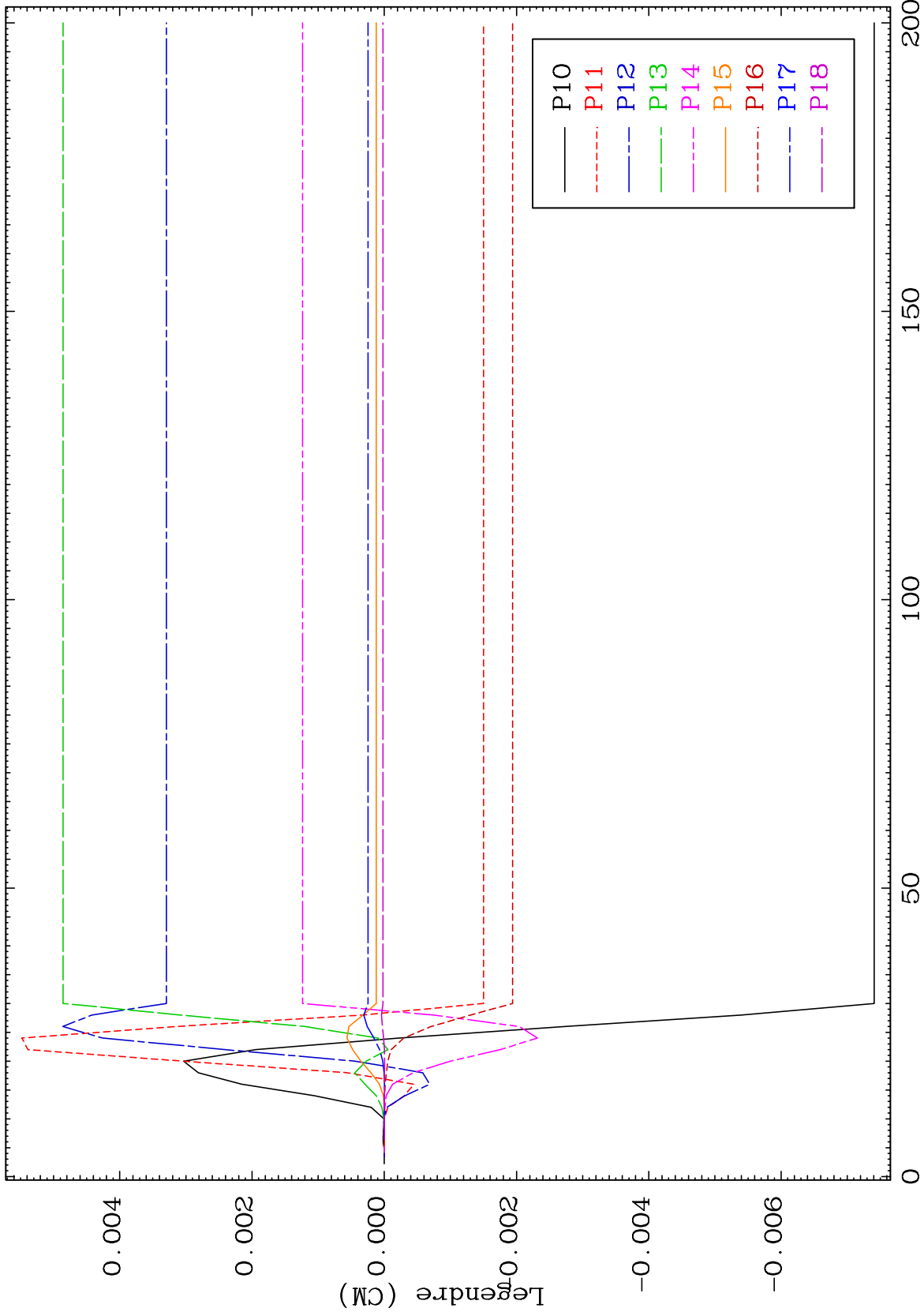
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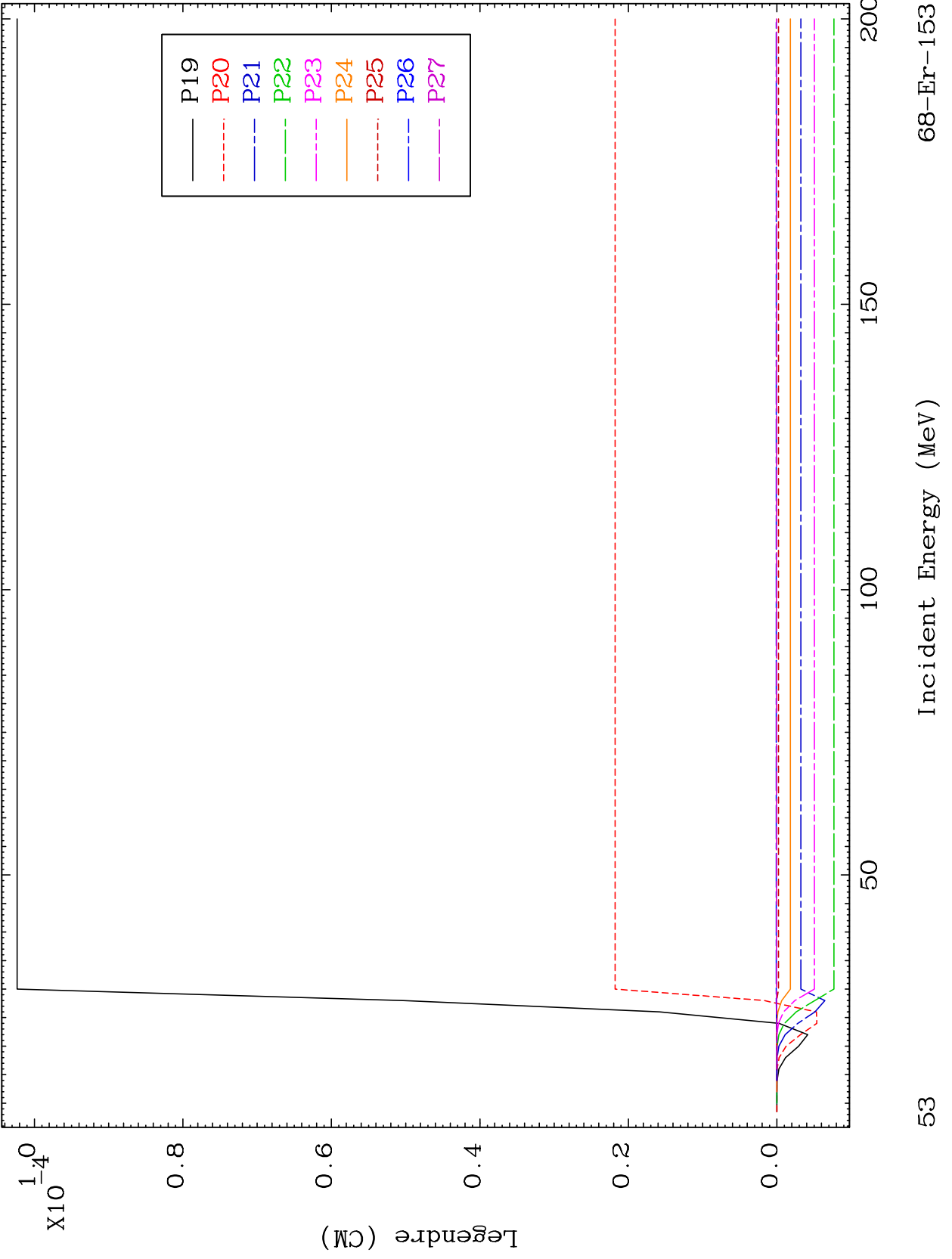


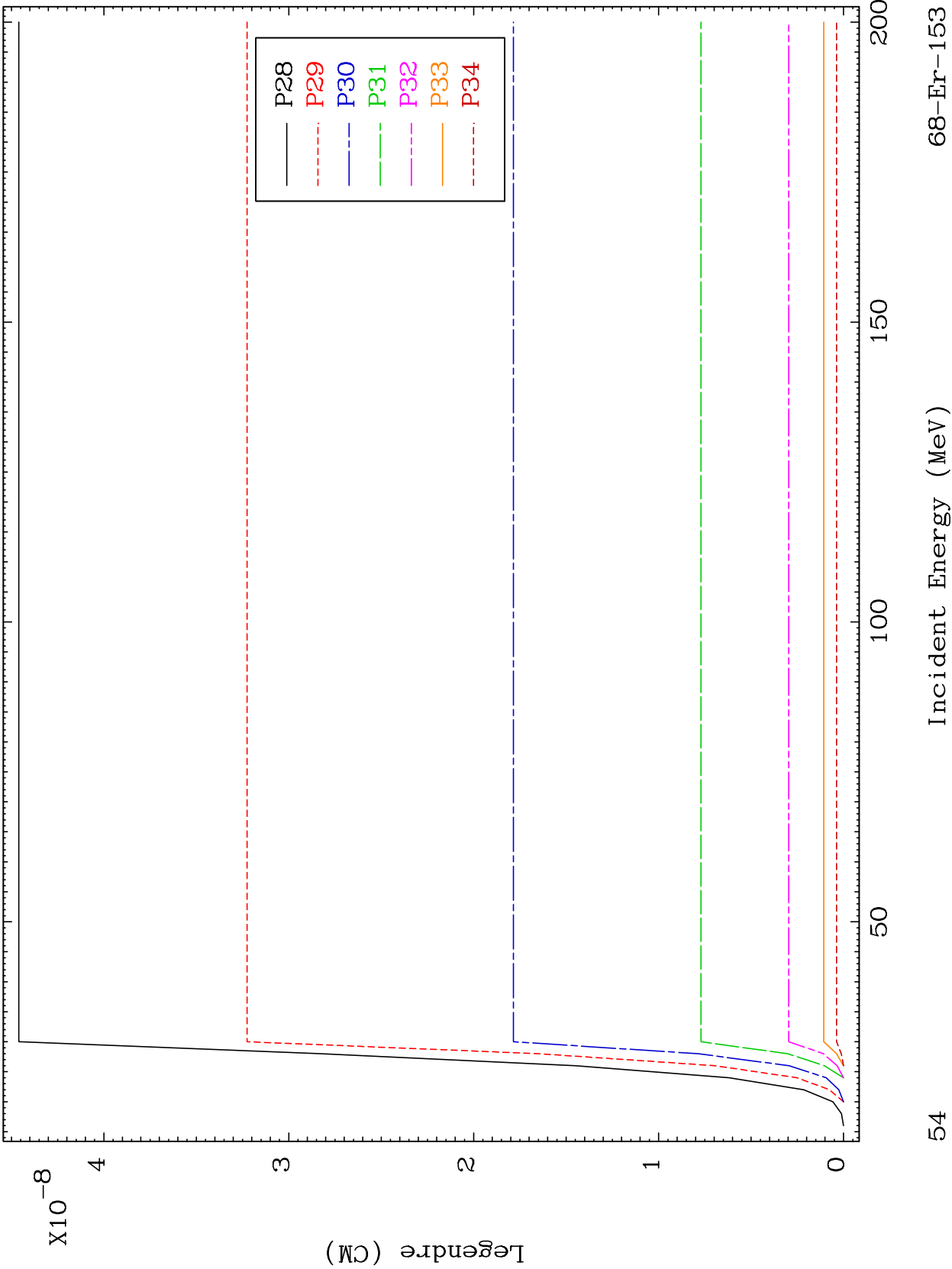
51

Incident Energy (MeV)

68-Er-153



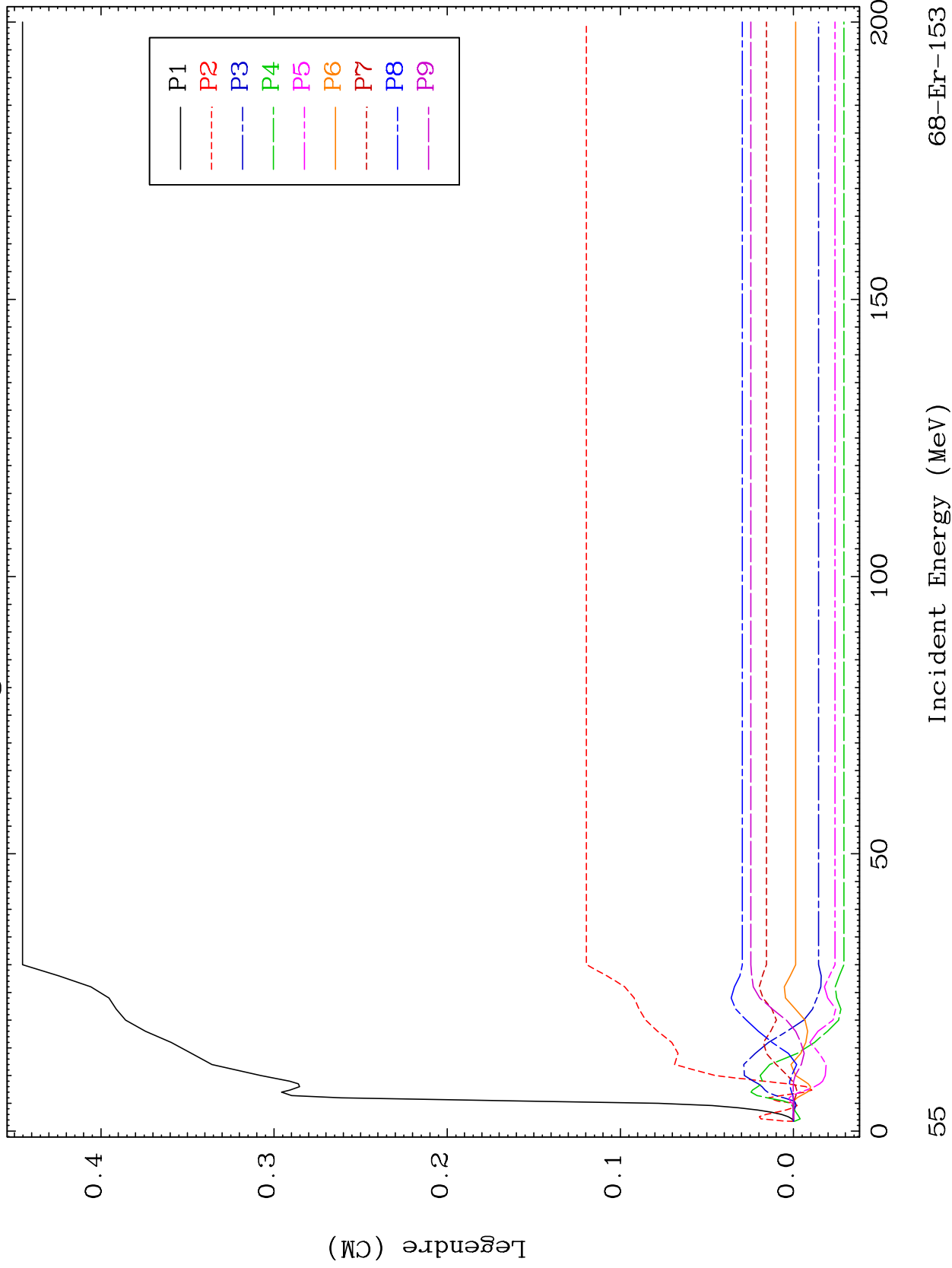




MAT 6798

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

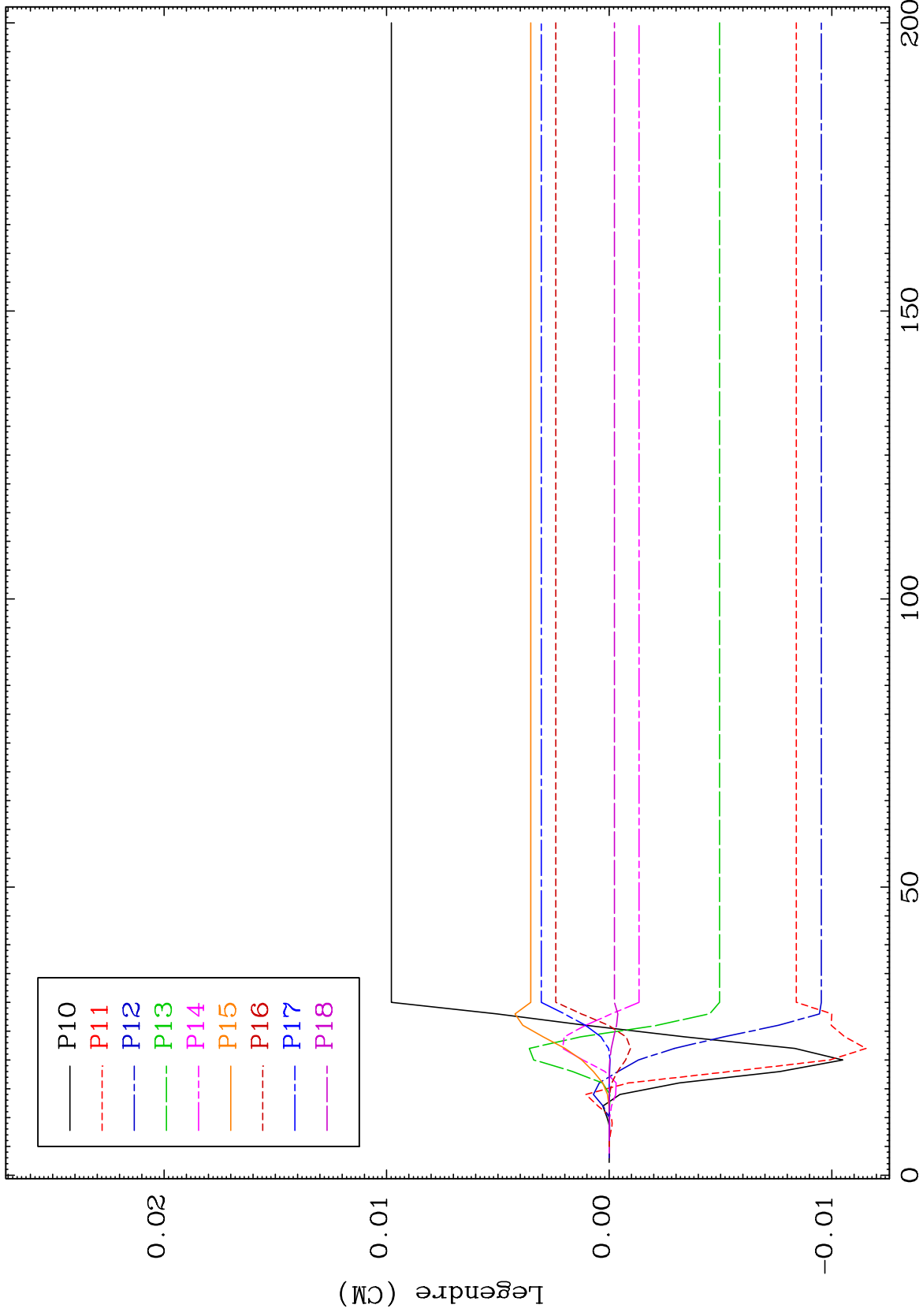
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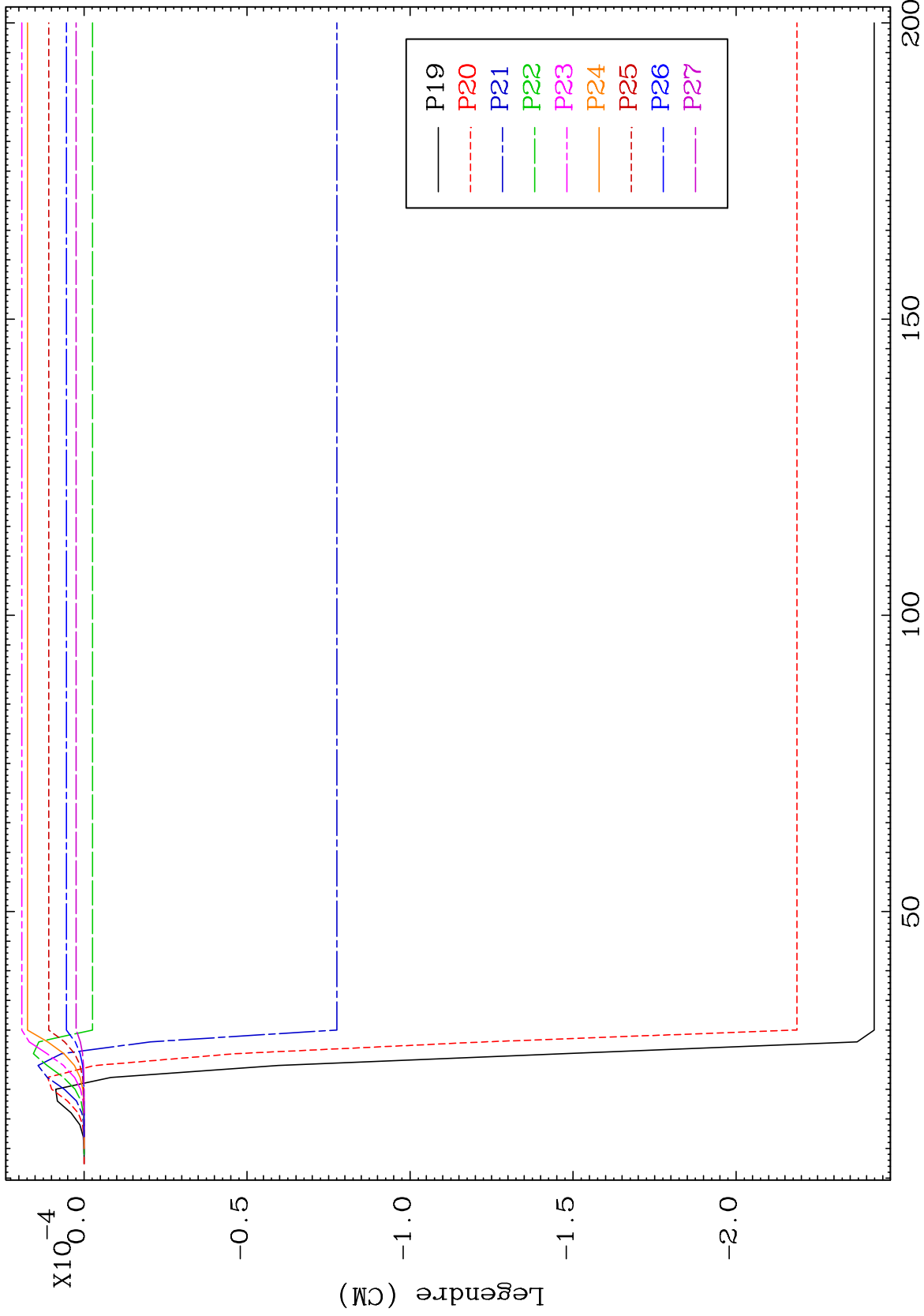


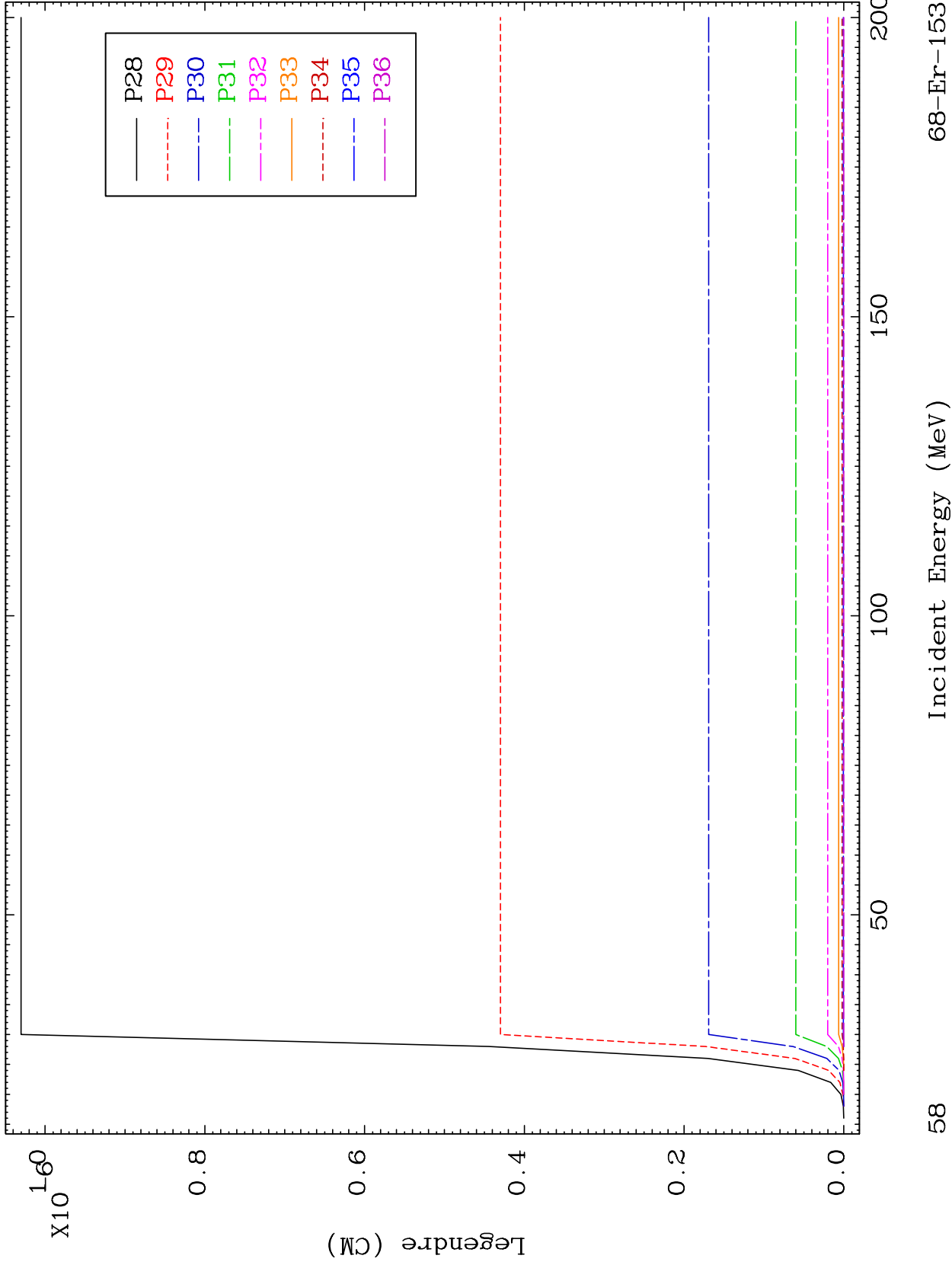
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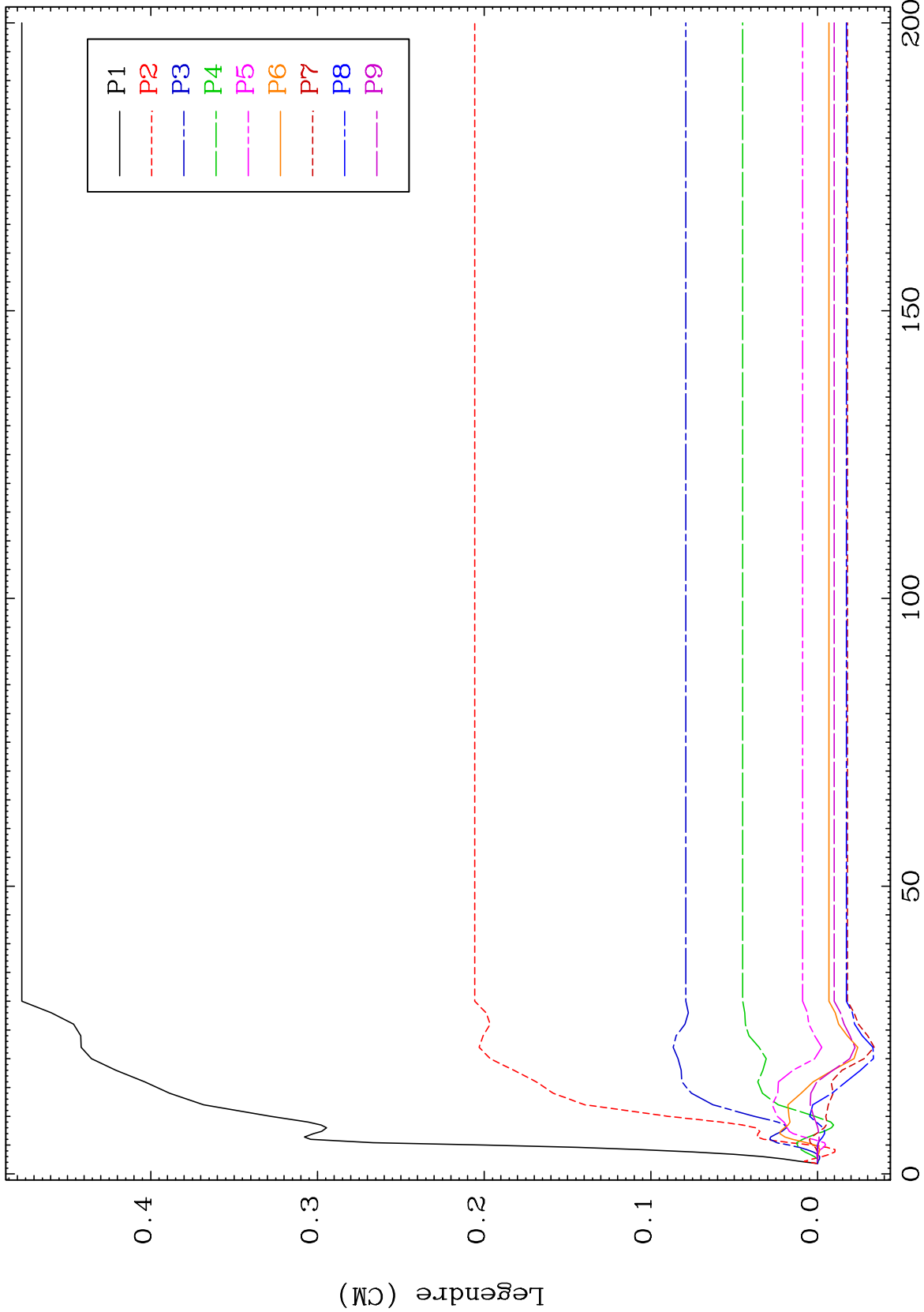
Incident Energy (MeV)

55





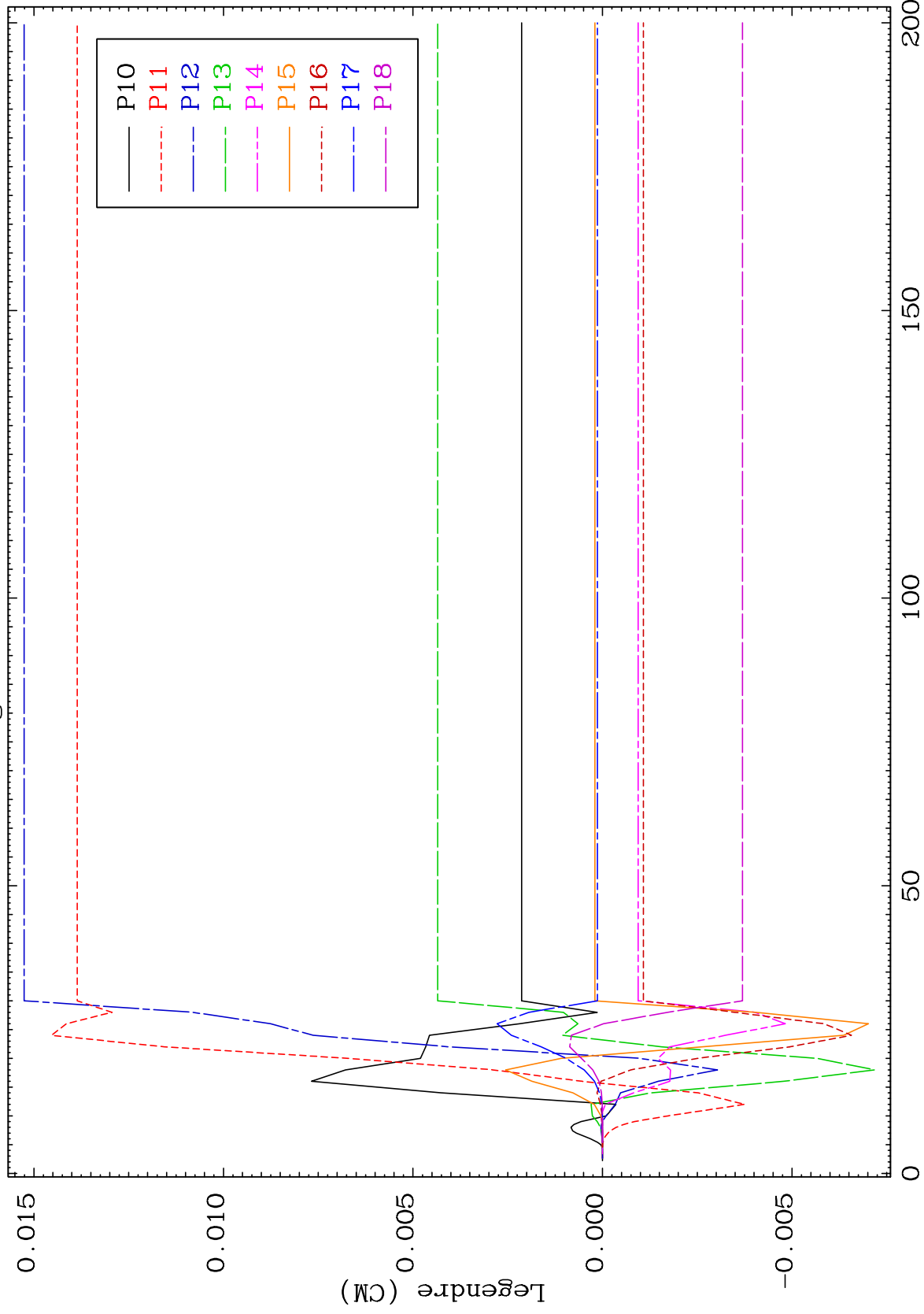




MAT 6798

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

68-Er-153



68-Er-153

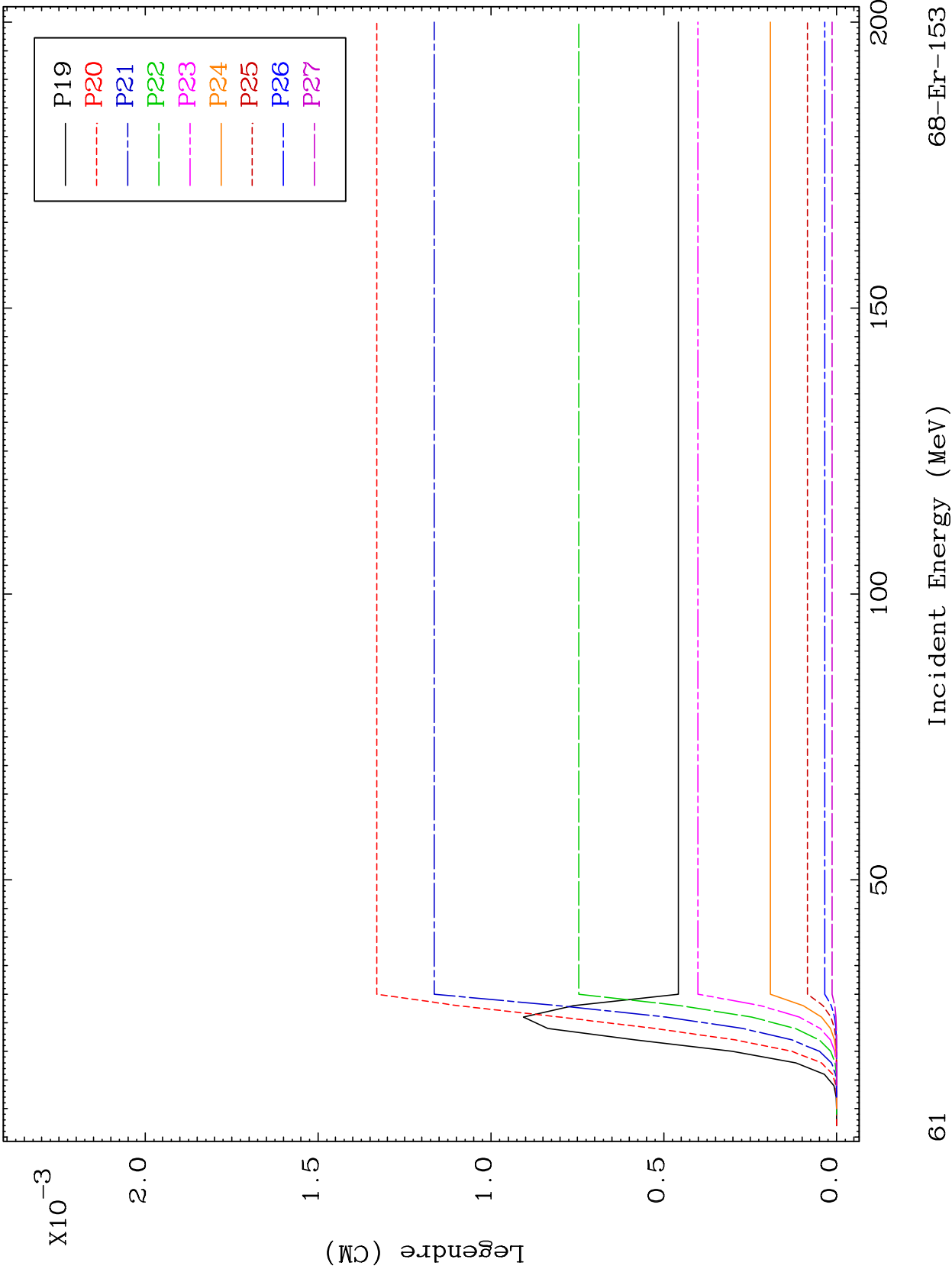
Incident Energy (MeV)

60

MAT 6798

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

68-Er-153



61

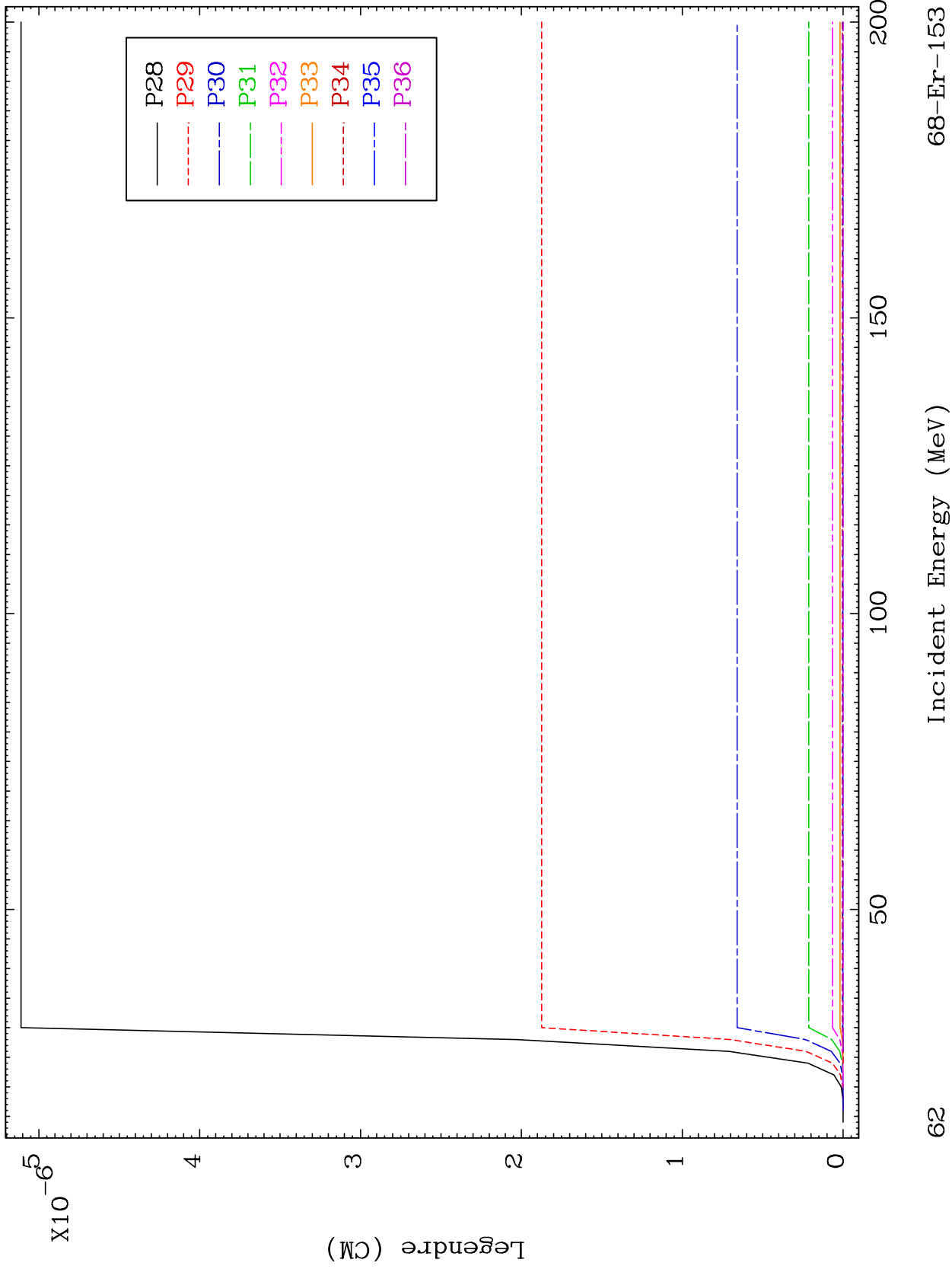
Incident Energy (MeV)

68-Er-153

MAT 6798

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

68-Er-153



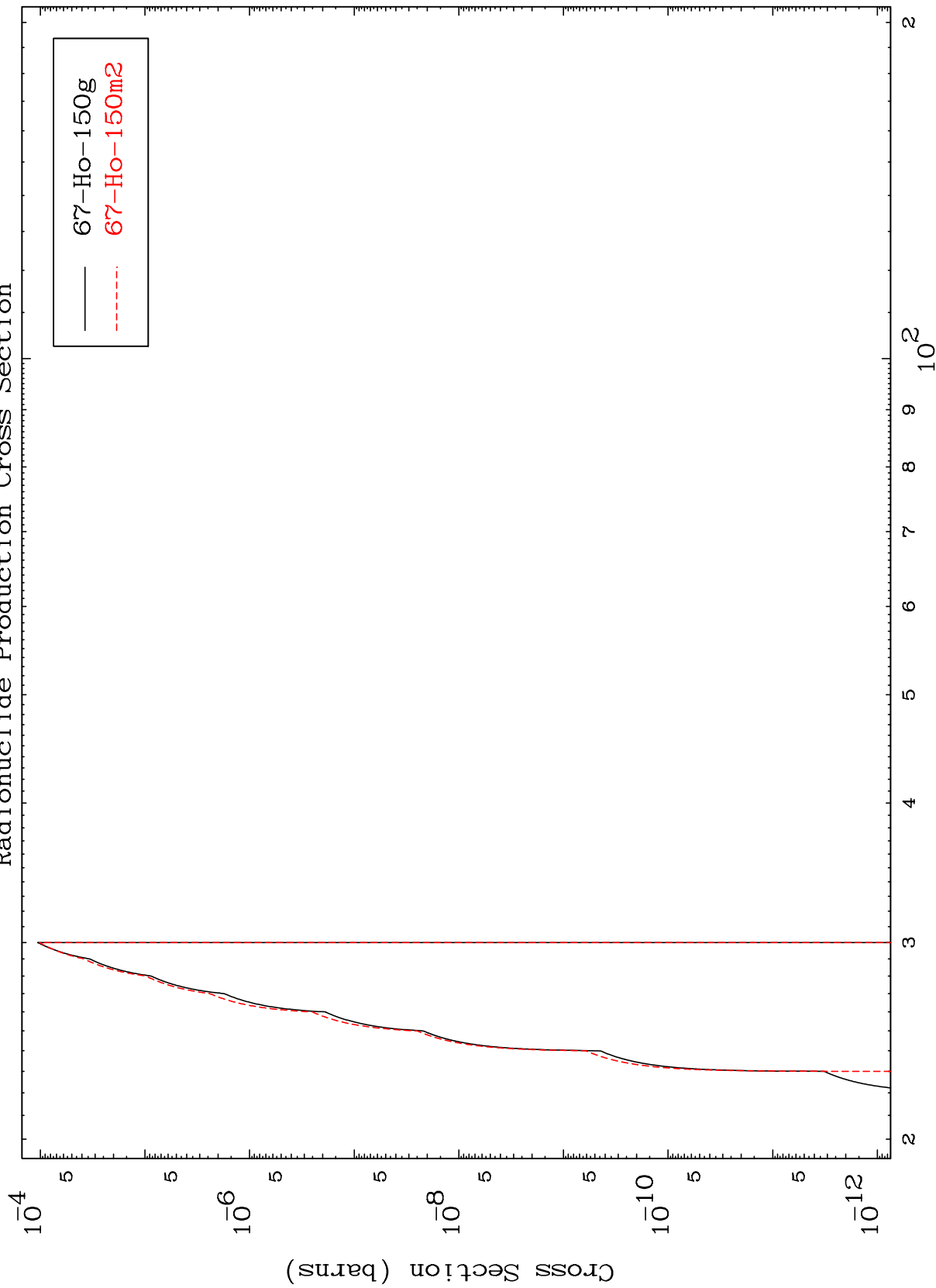
62

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(n,2n) d

68-Er-153

Radionuclide Production Cross Section



63

Incident Energy (MeV)

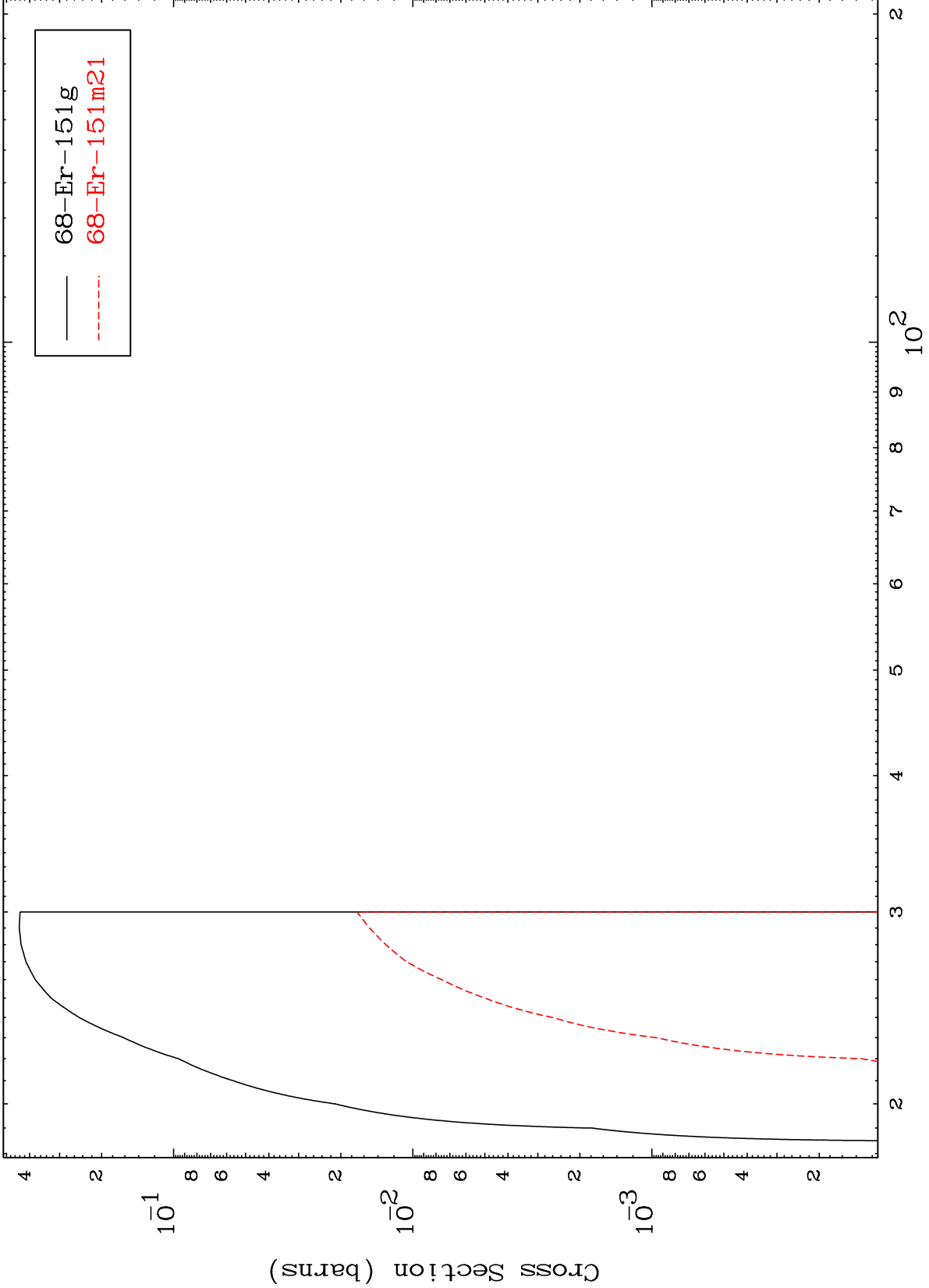
68-Er-153

MAT 6798

(n,3n)

68-Er-153

Radionuclide Production Cross Section



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

64

Incident Energy (MeV)

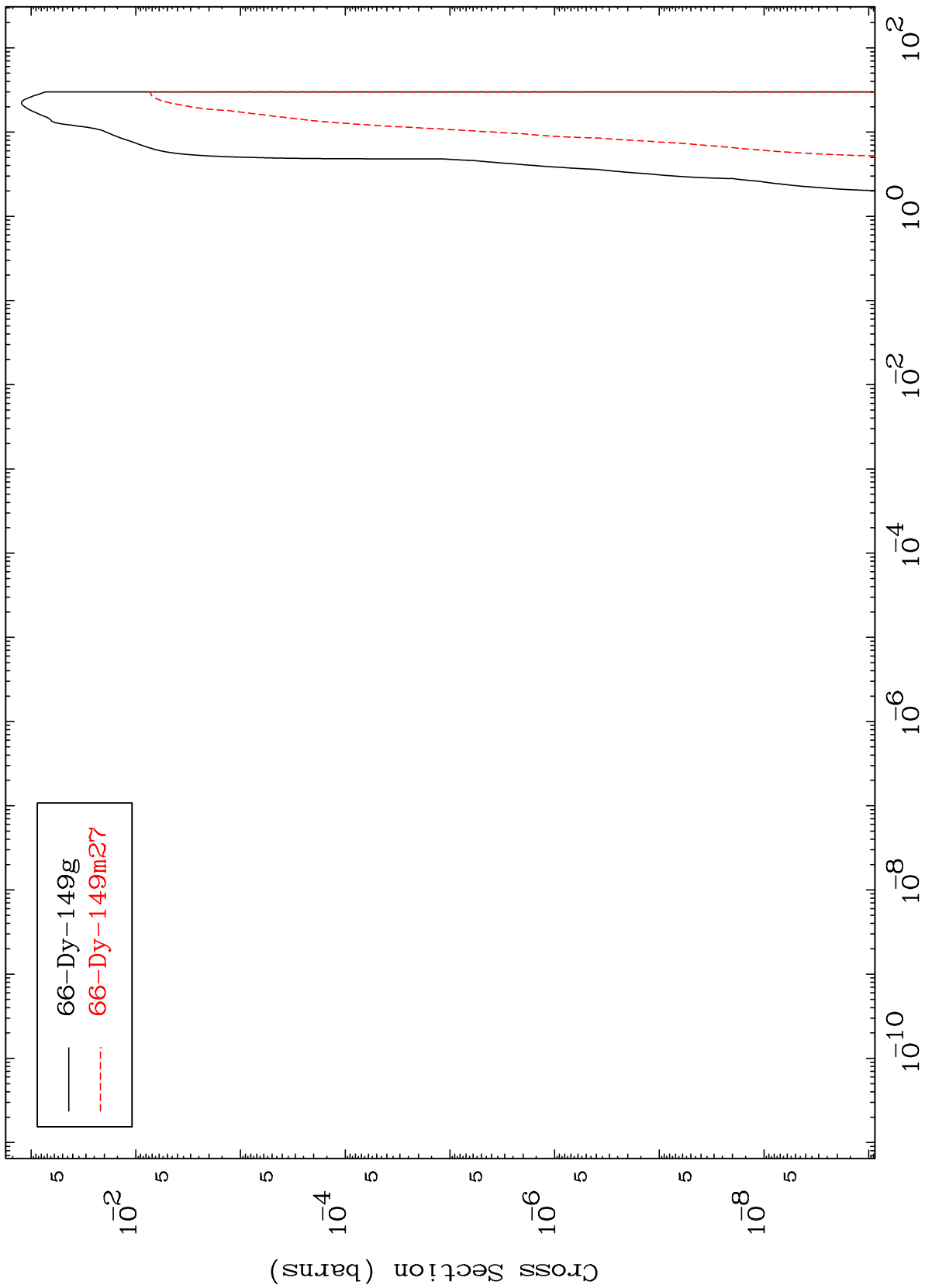
68-Er-153

MAT 6798

(n, n') α

68-Er-153

Radionuclide Production Cross Section



65

Incident Energy (MeV)

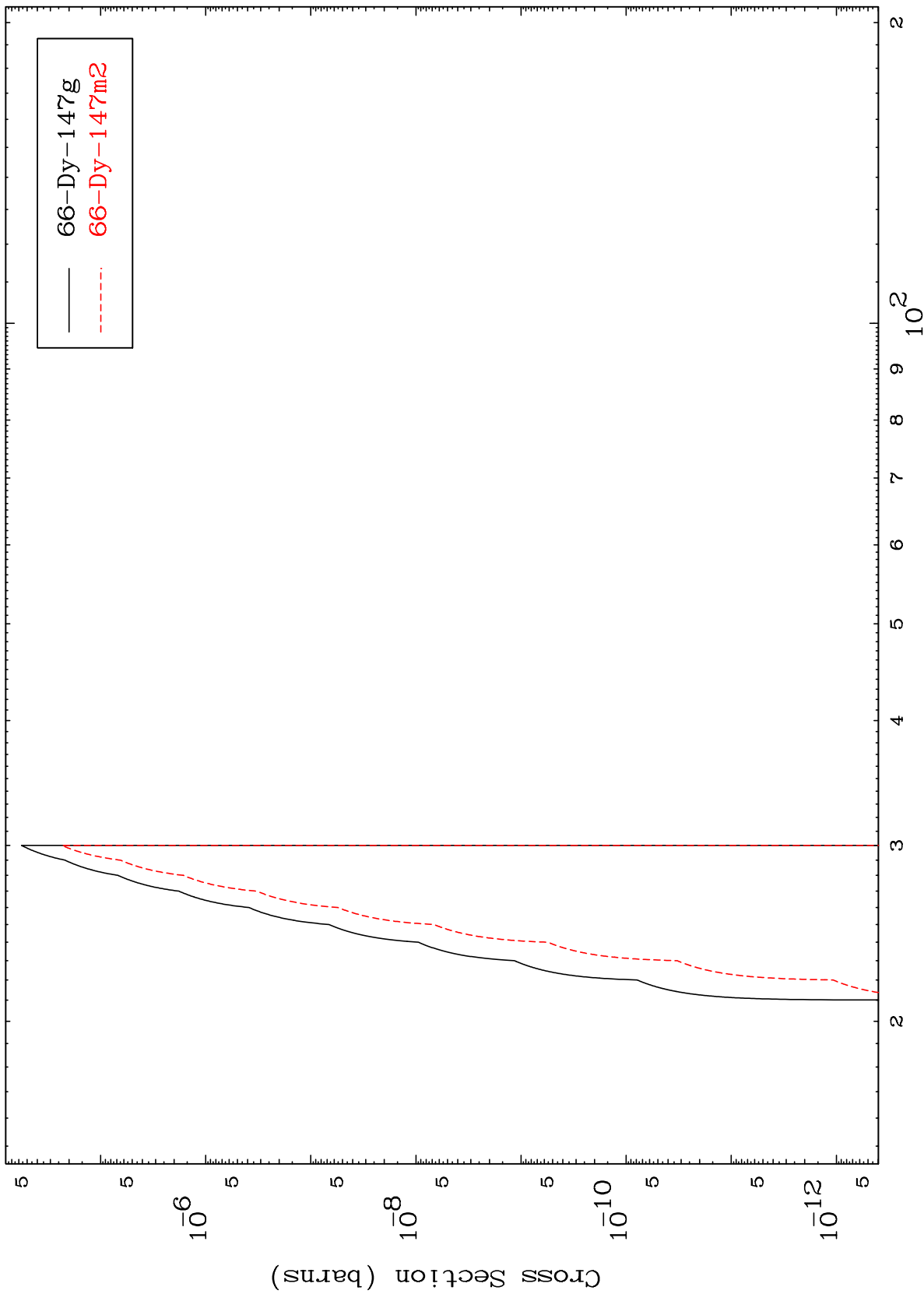
68-Er-153

MAT 6798

(n,3n) α

68-Er-153

Radionuclide Production Cross Section



66

Incident Energy (MeV)

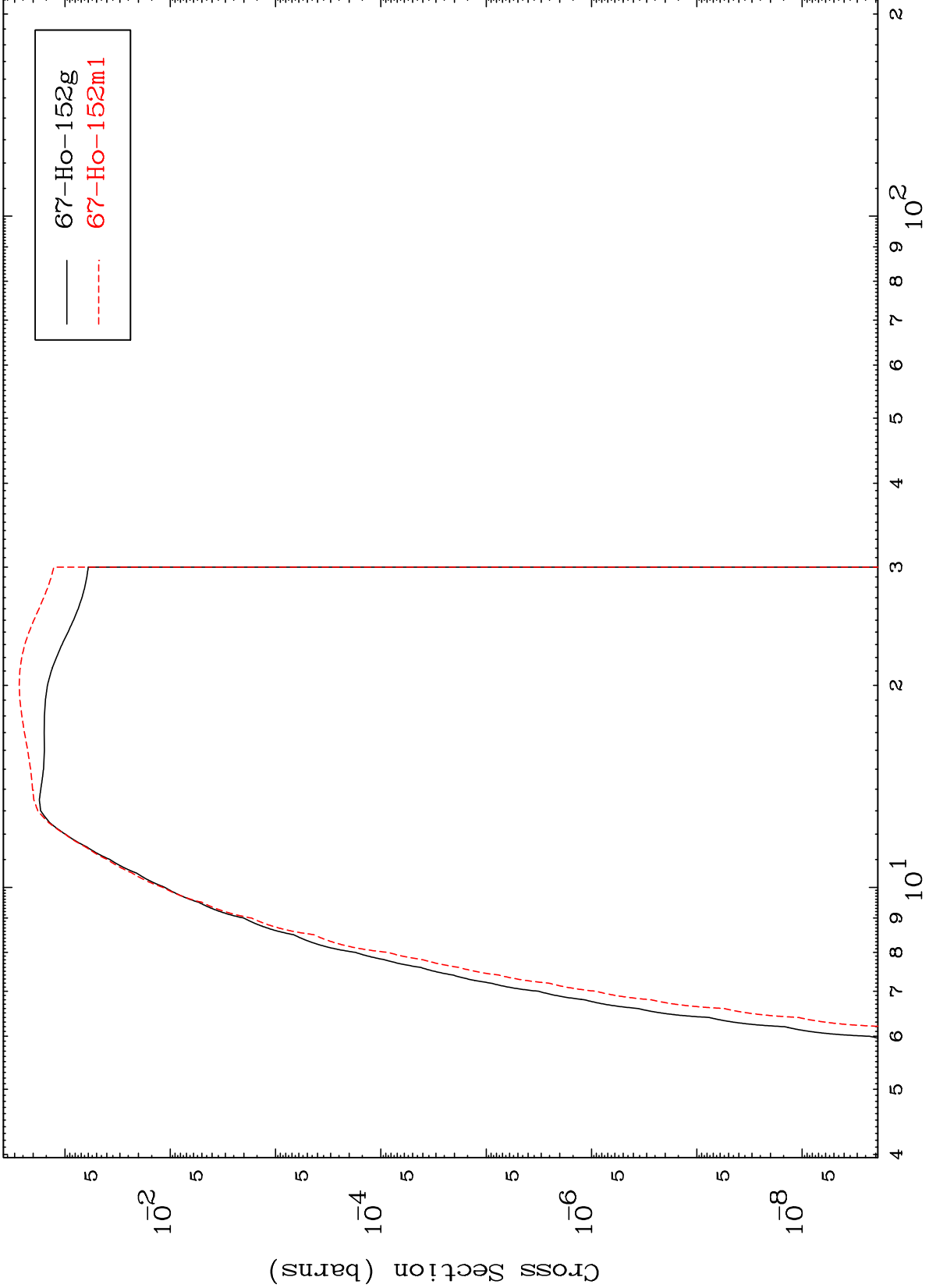
68-Er-153

MAT 6798

(n,n') p

68-Er-153

Radionuclide Production Cross Section



67

Incident Energy (MeV)

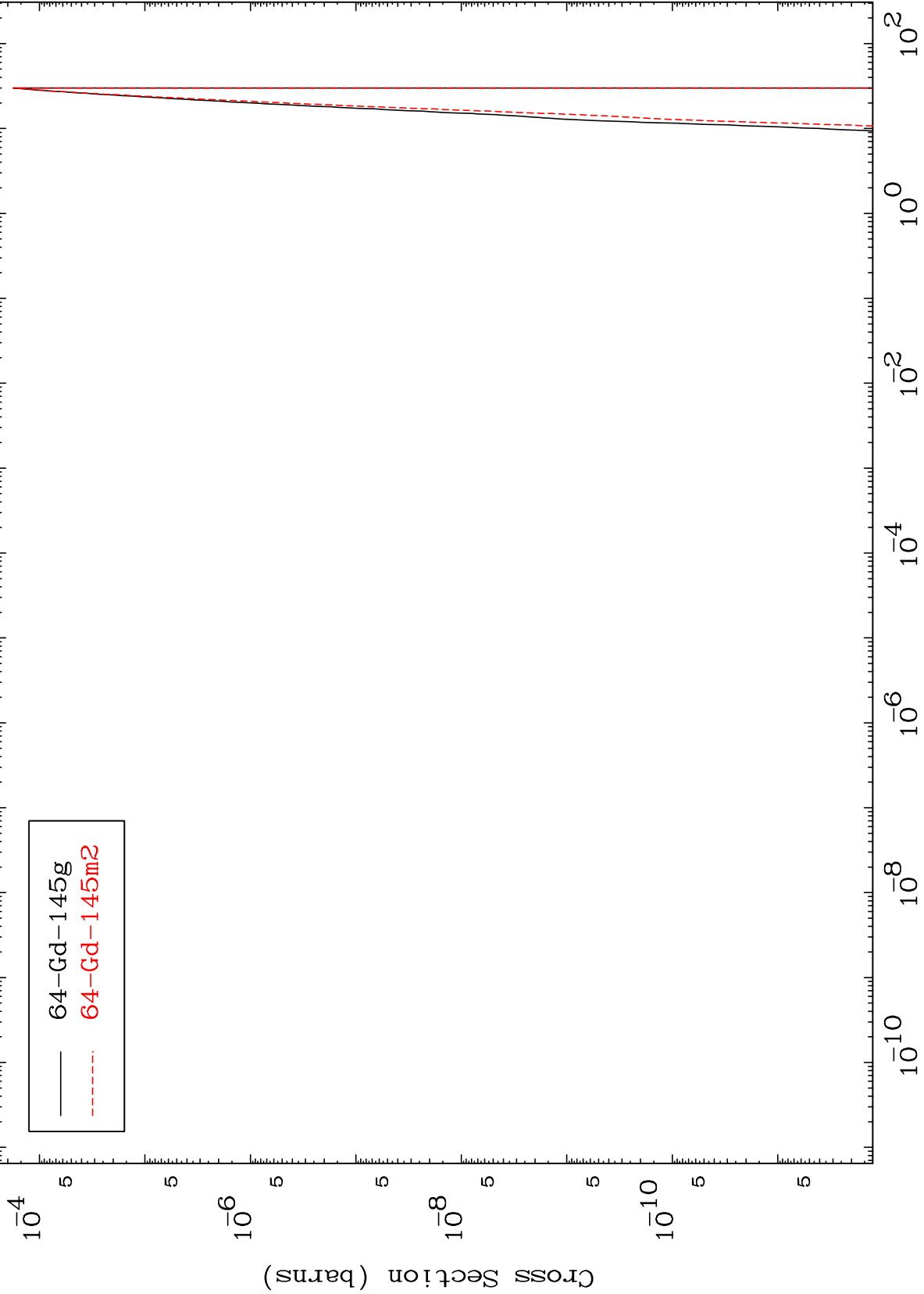
68-Er-153

MAT 6798

(n,n') 2 α

68-Er-153

Radionuclide Production Cross Section



64-Gd-145g
64-Gd-145m2

68

Incident Energy (MeV)

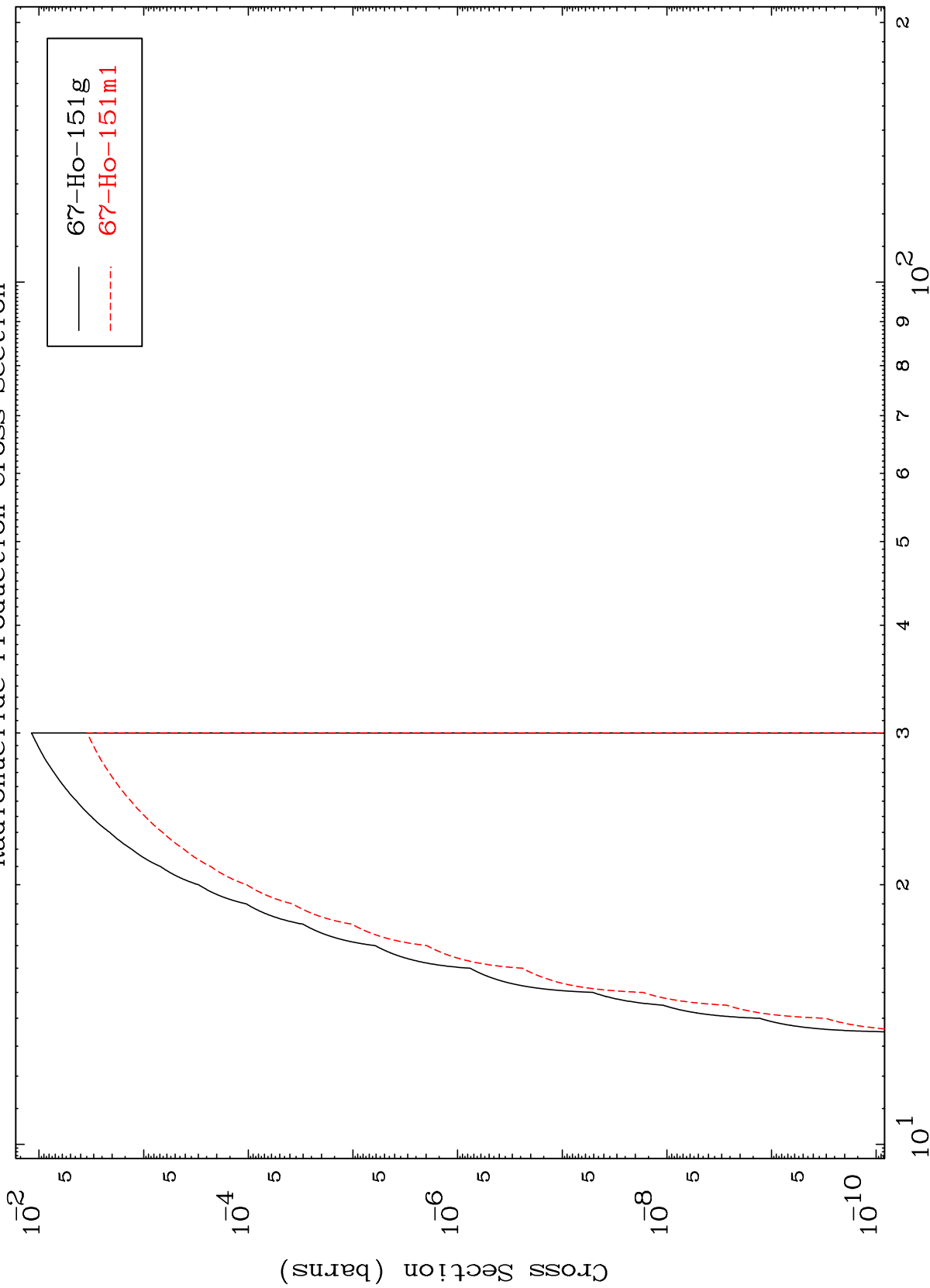
68-Er-153

MAT 6798

(n,n') d

68-Er-153

Radionuclide Production Cross Section

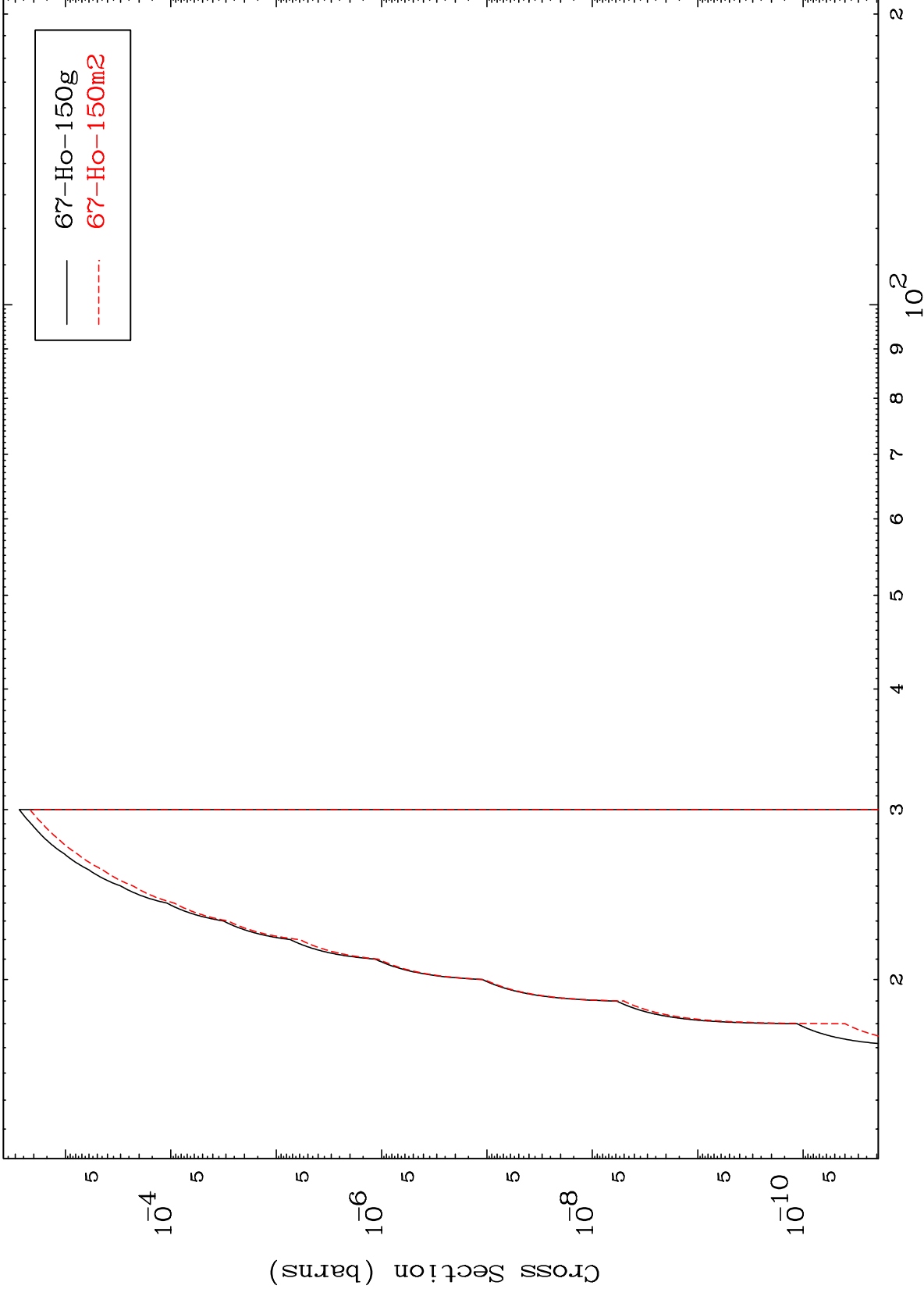


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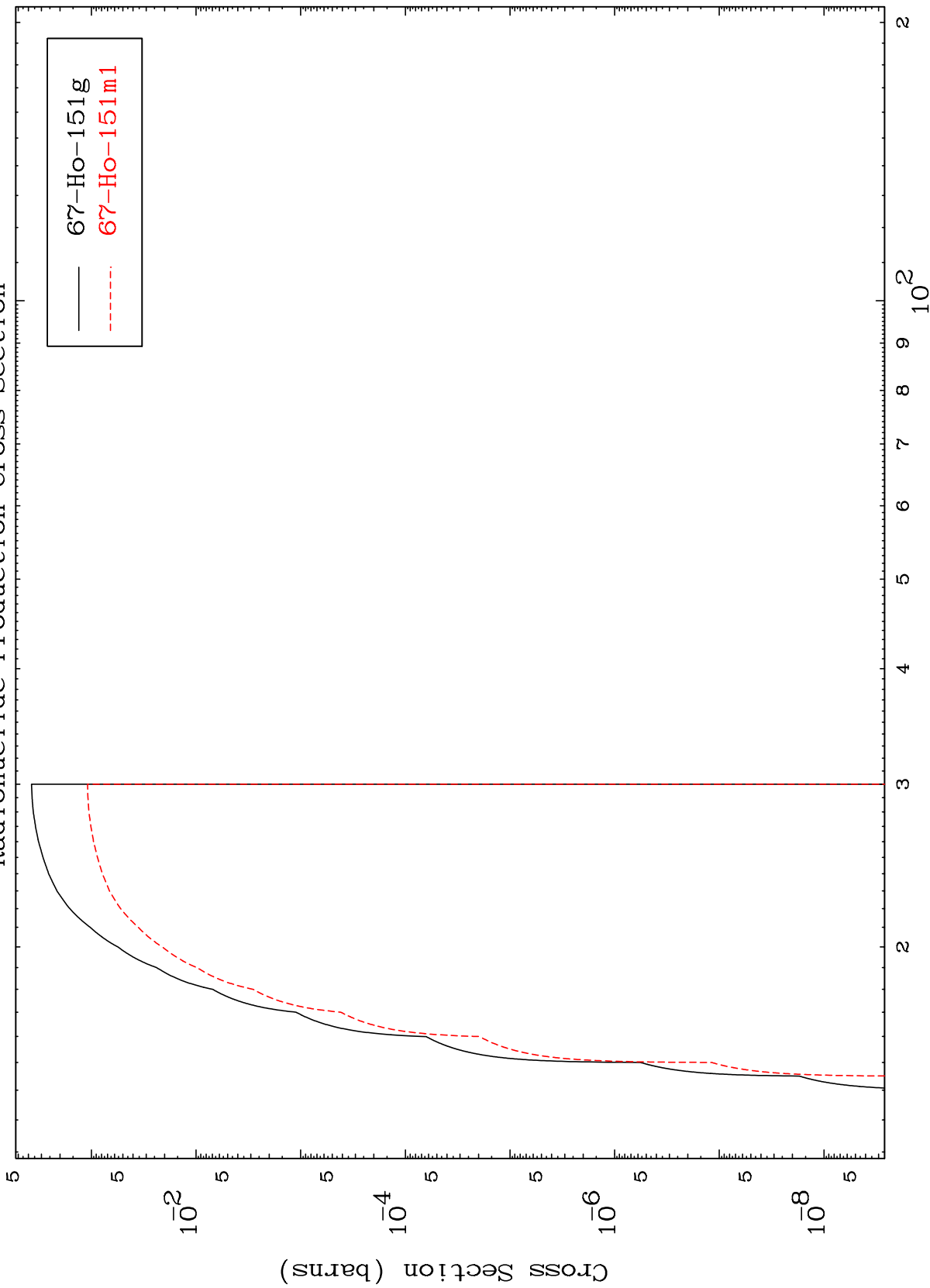
Incident Energy (MeV)

68-Er-153

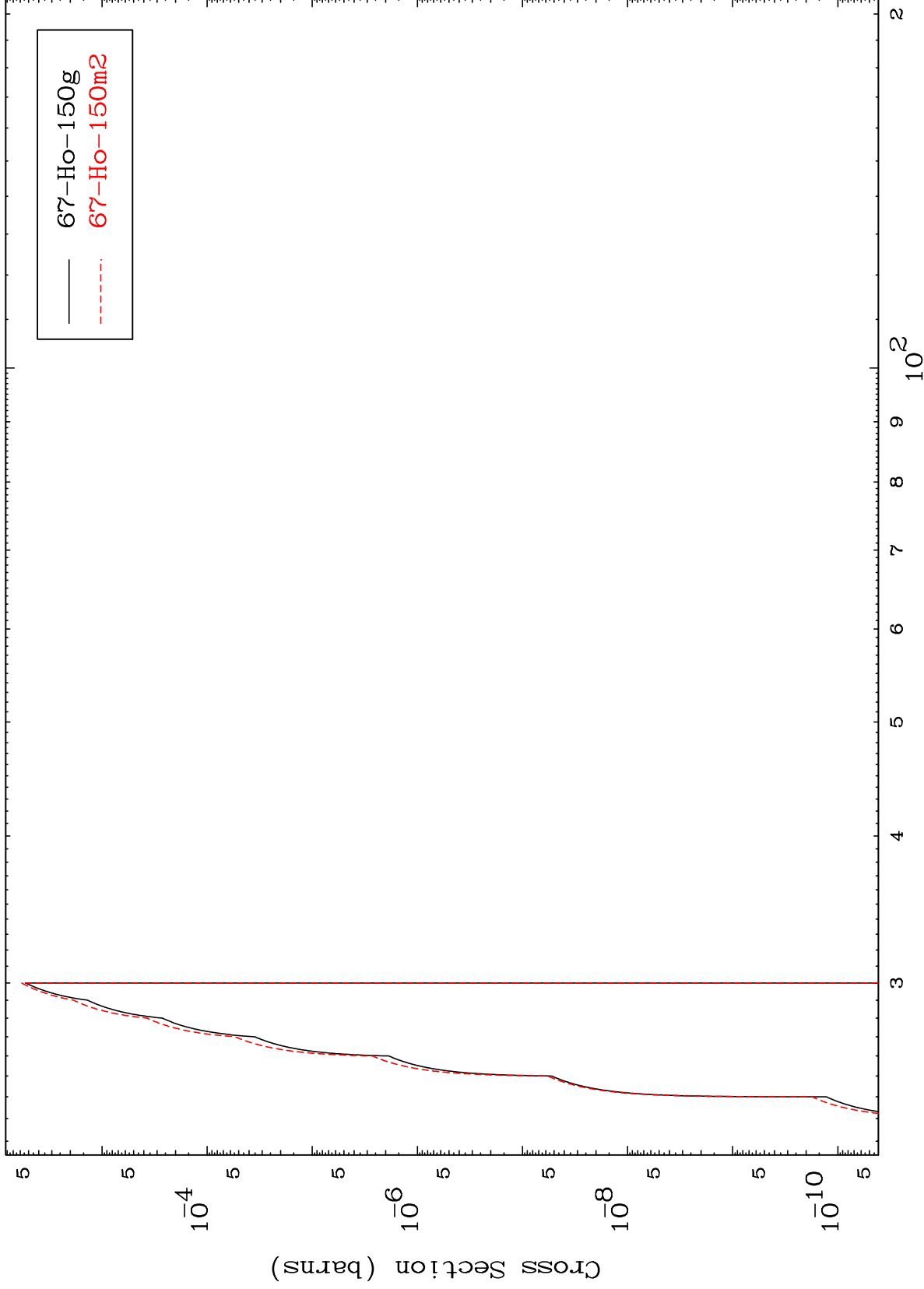
Radionuclide Production Cross Section



Radionuclide Production Cross Section



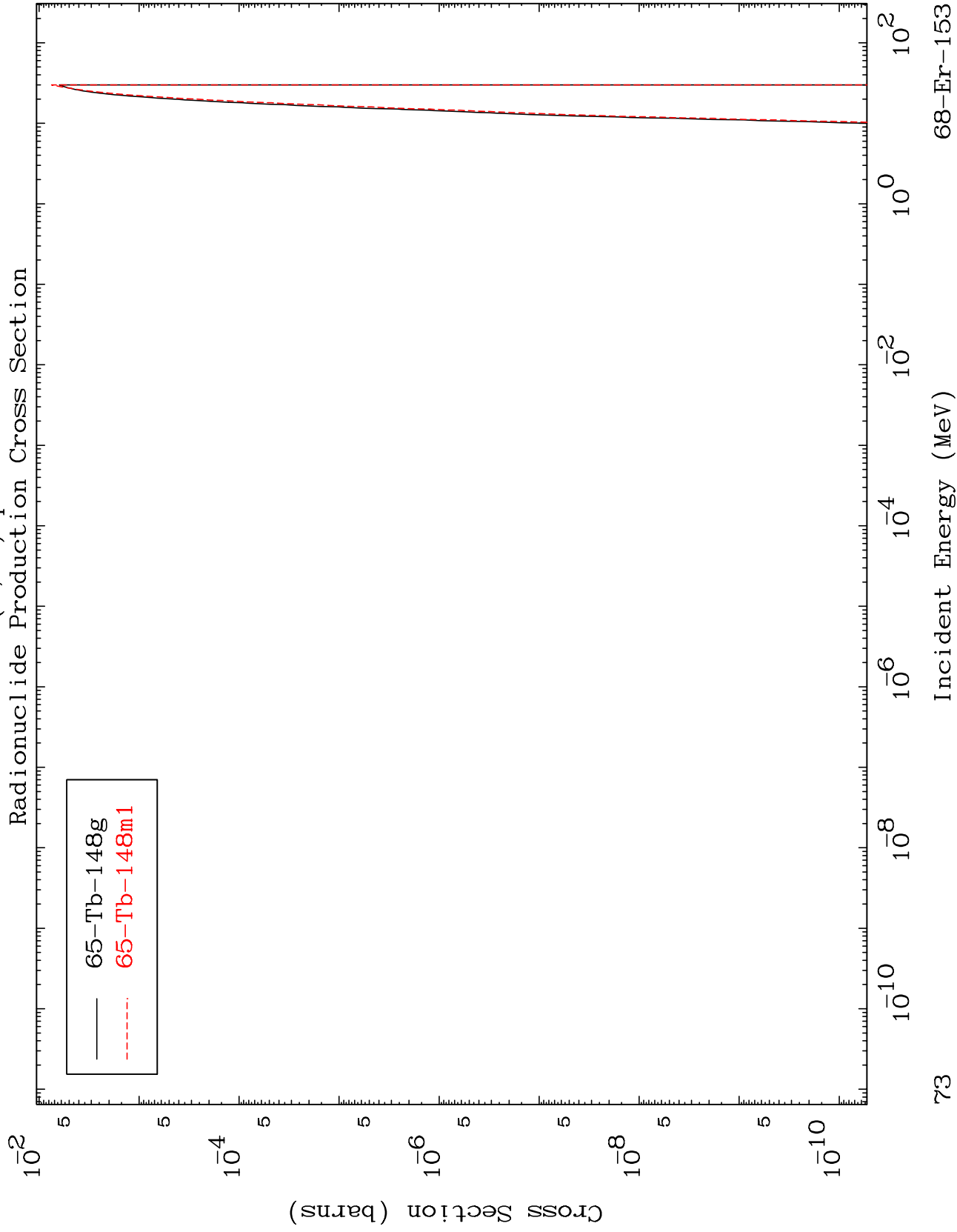
Radionuclide Production Cross Section



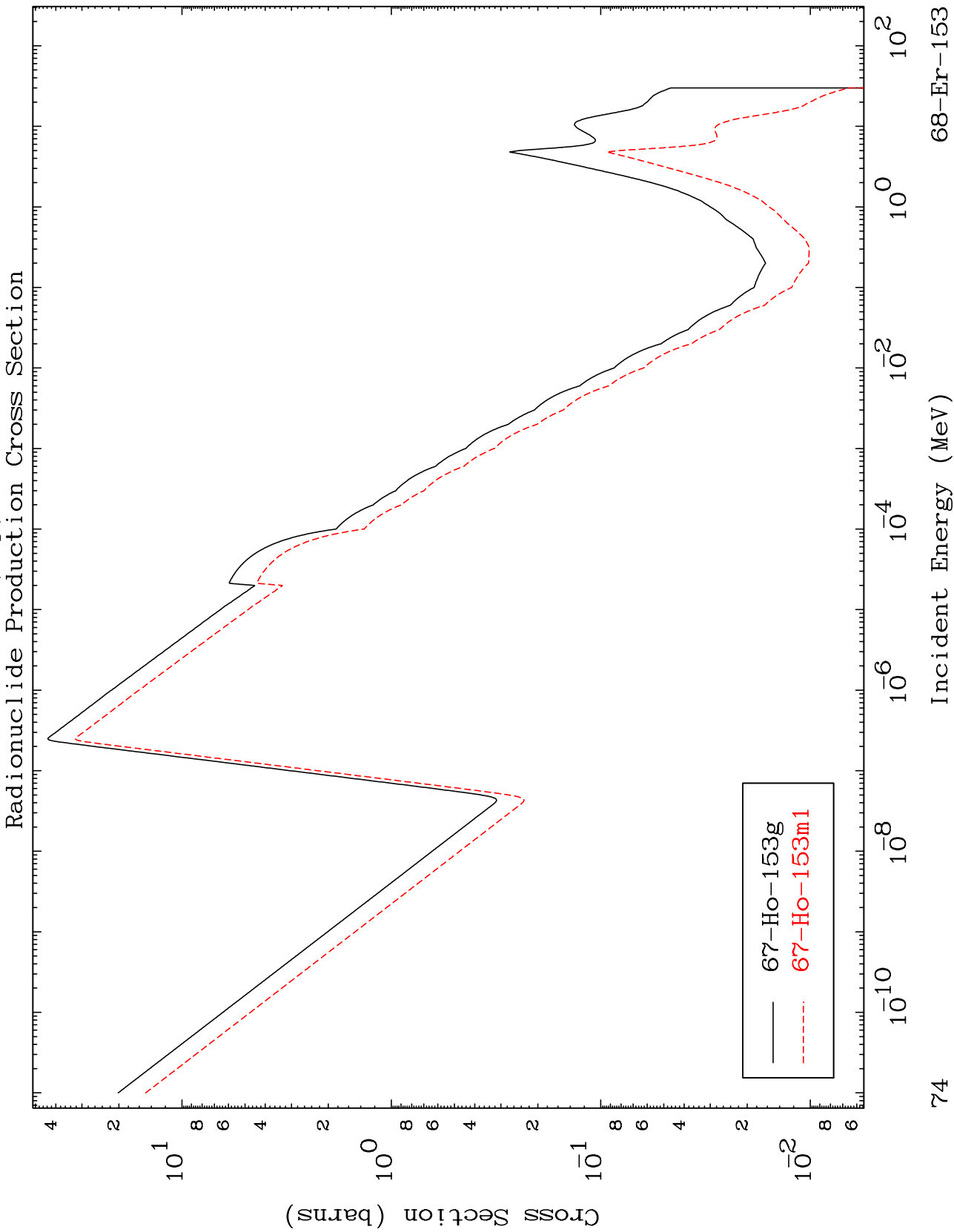
MAT 6798

(n,n') p α

68-Er-153



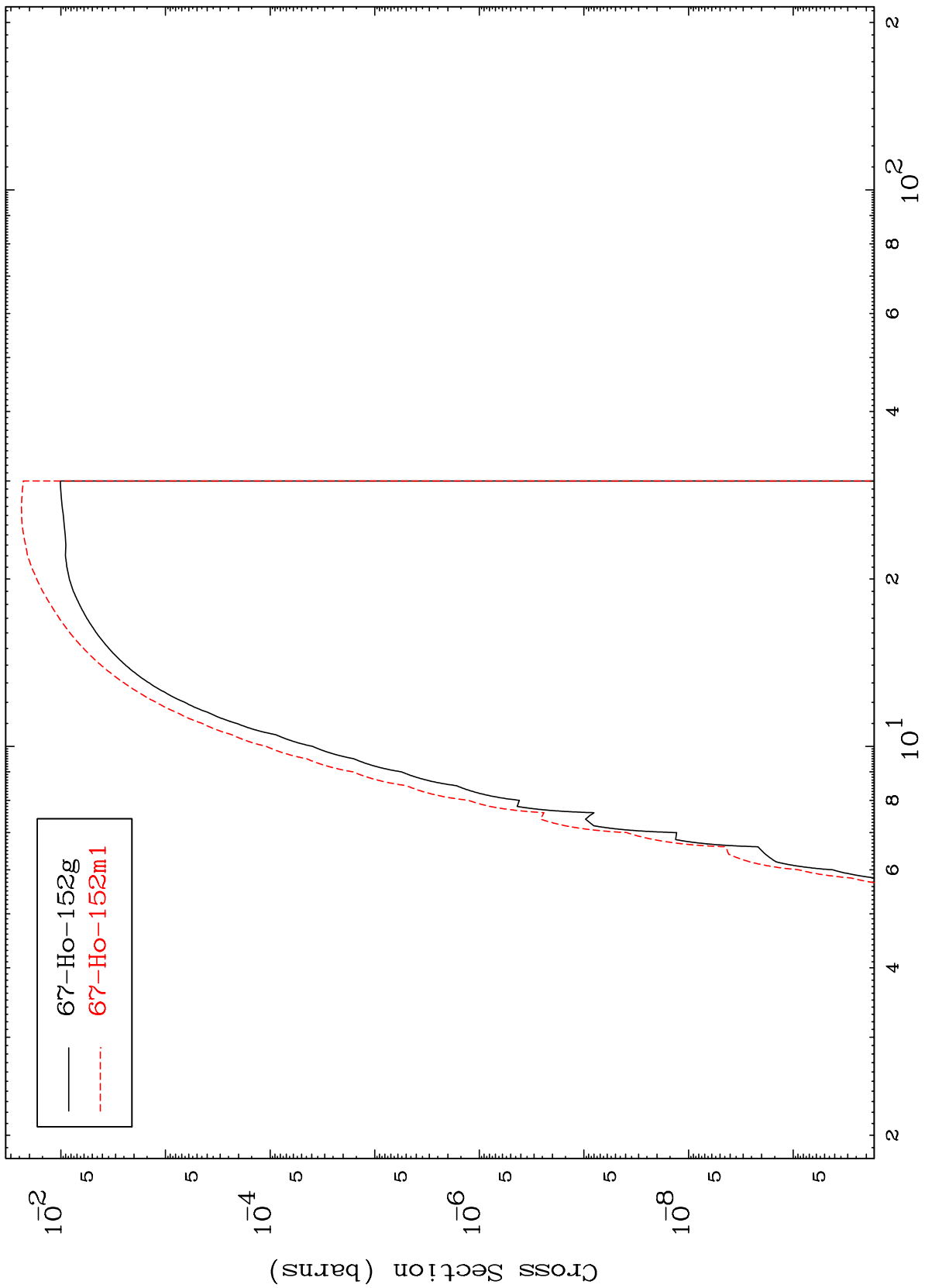
73



MAT 6798

68-Er-153

(n,d)
Radionuclide Production Cross Section



75

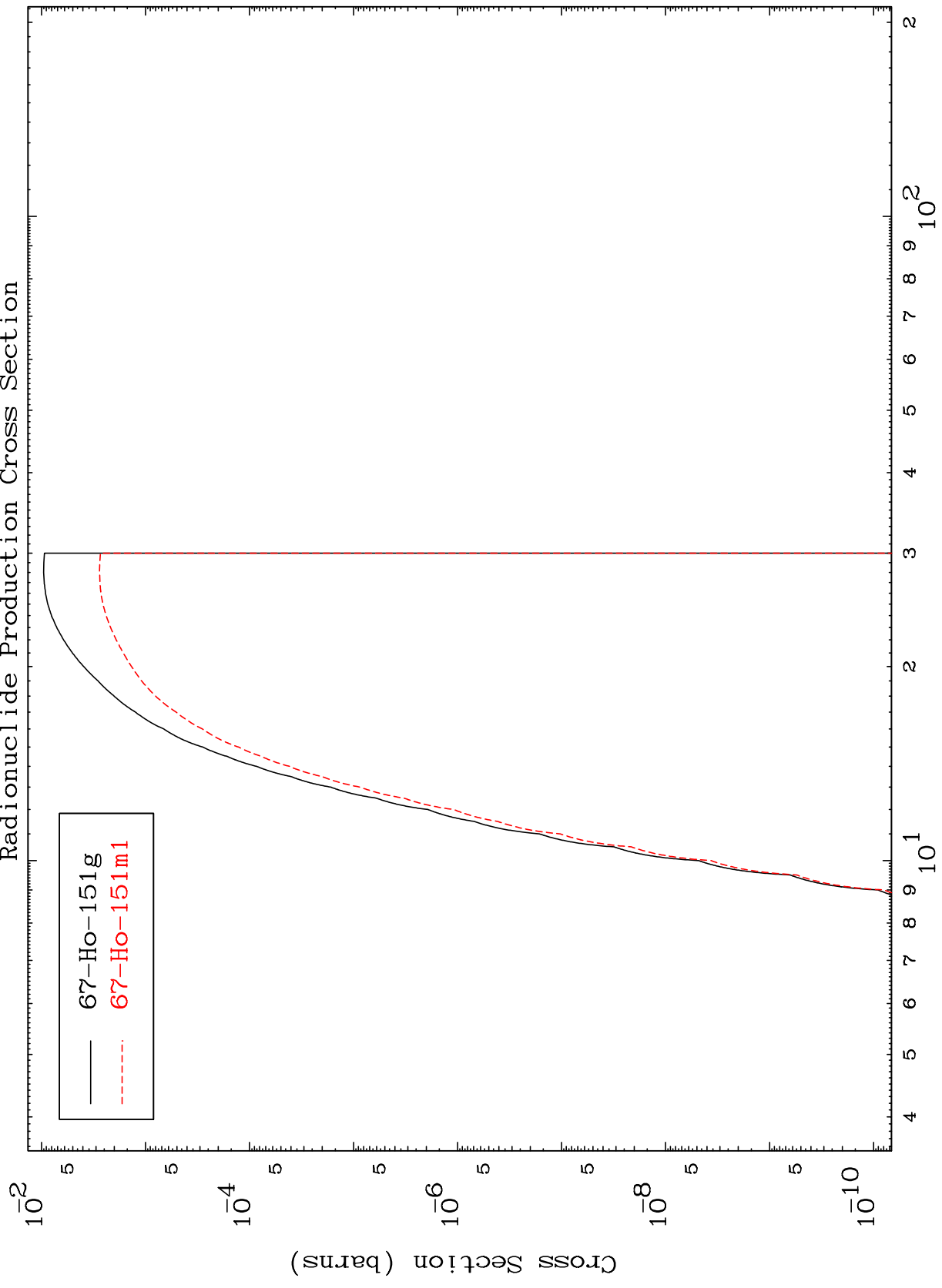
Incident Energy (MeV)

68-Er-153

MAT 6798

68-Er-153

Radionuclide Production Cross Section (n, t)



— 67-Ho-151g
- - - 67-Ho-151m1

76

Incident Energy (MeV)

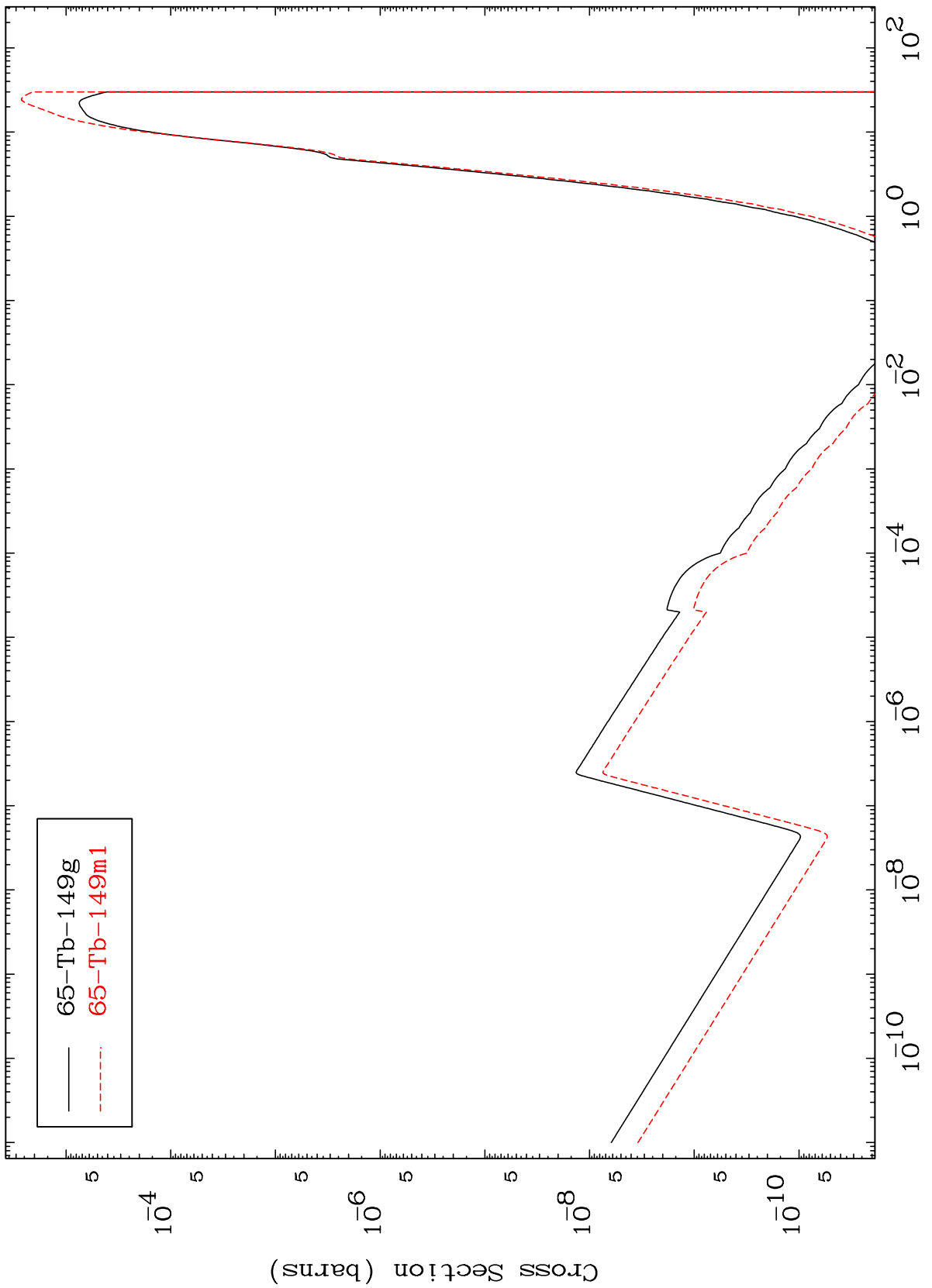
68-Er-153

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(n,p) α

68-Er-153

Radionuclide Production Cross Section



77

Incident Energy (MeV)

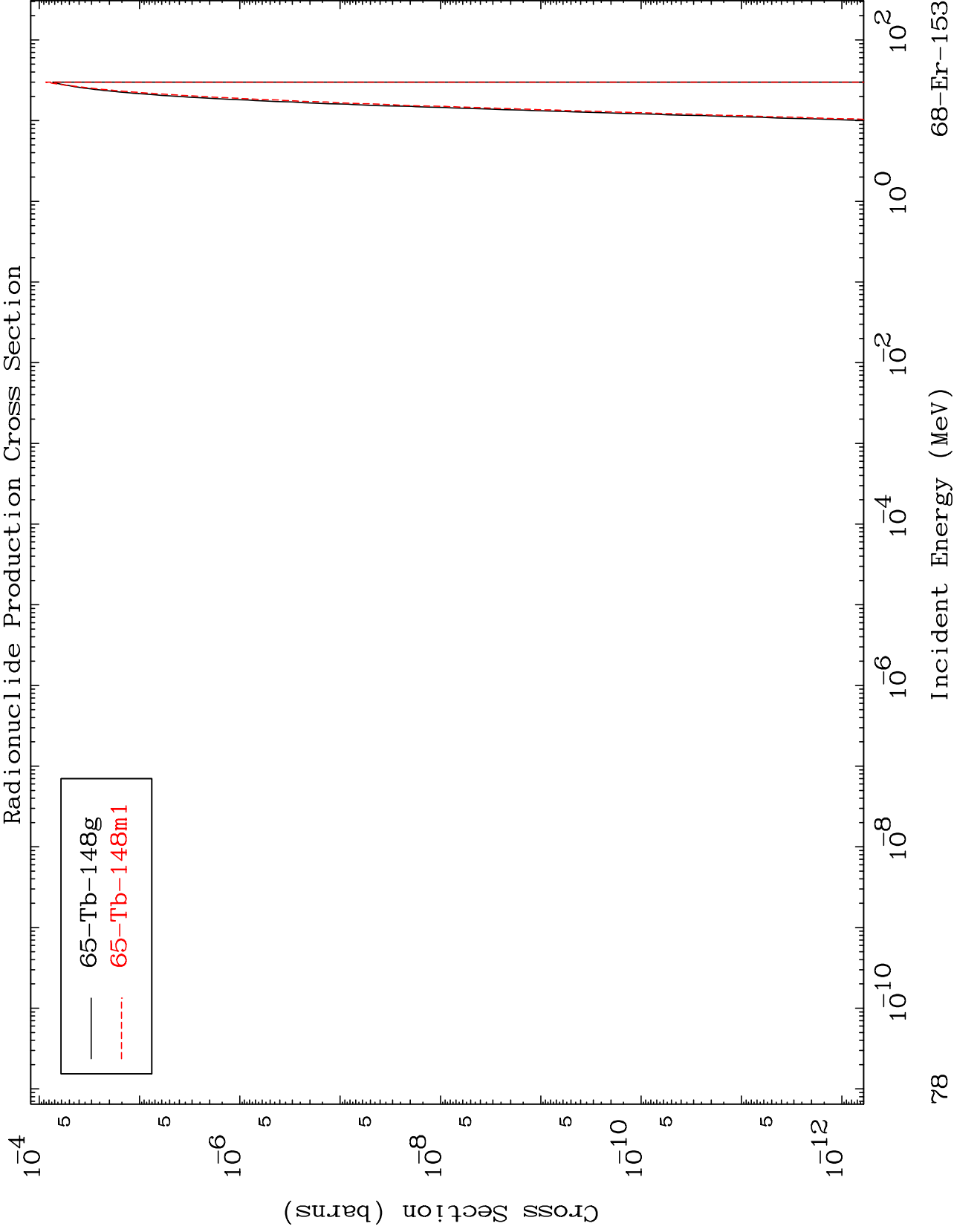
68-Er-153

MAT 6798

(n,d) α

68-Er-153

Radionuclide Production Cross Section



78

Incident Energy (MeV)

68-Er-153