

Program EVALPLOT  
(Version 2017-1)

by

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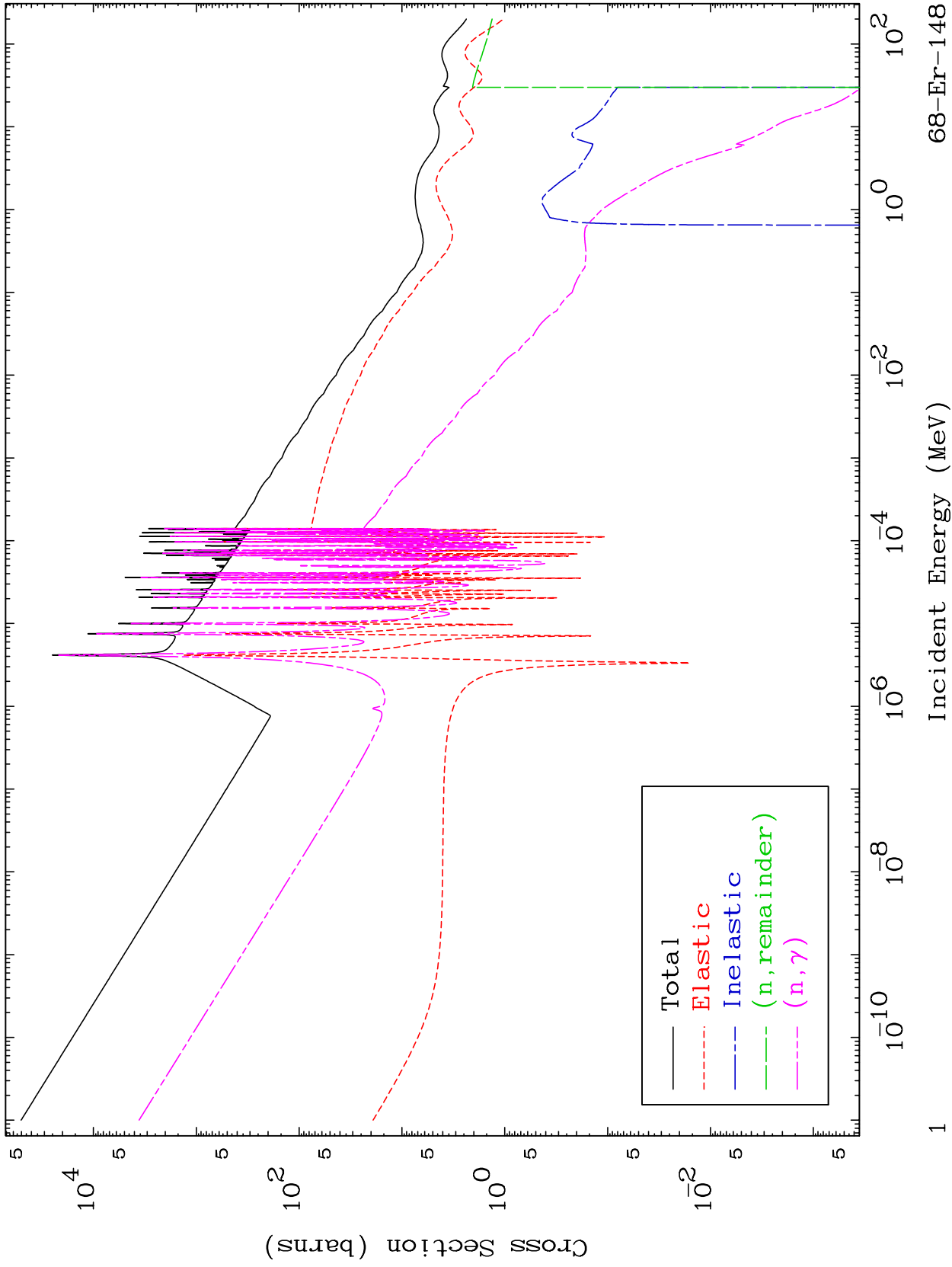
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Press Mouse Button to Start

MAT 6783

Major  
293 Kelvin Cross Sections

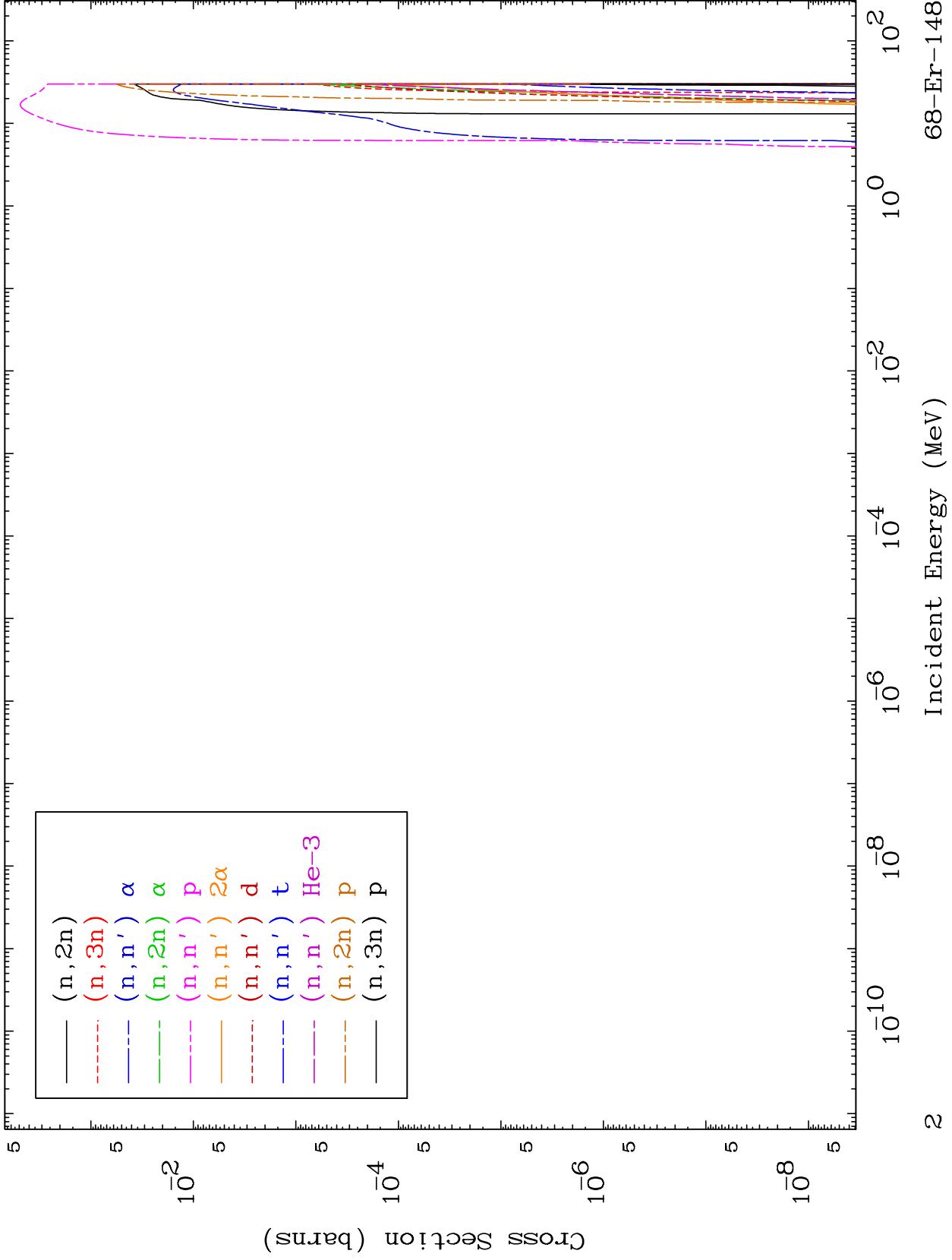
68-Er-148

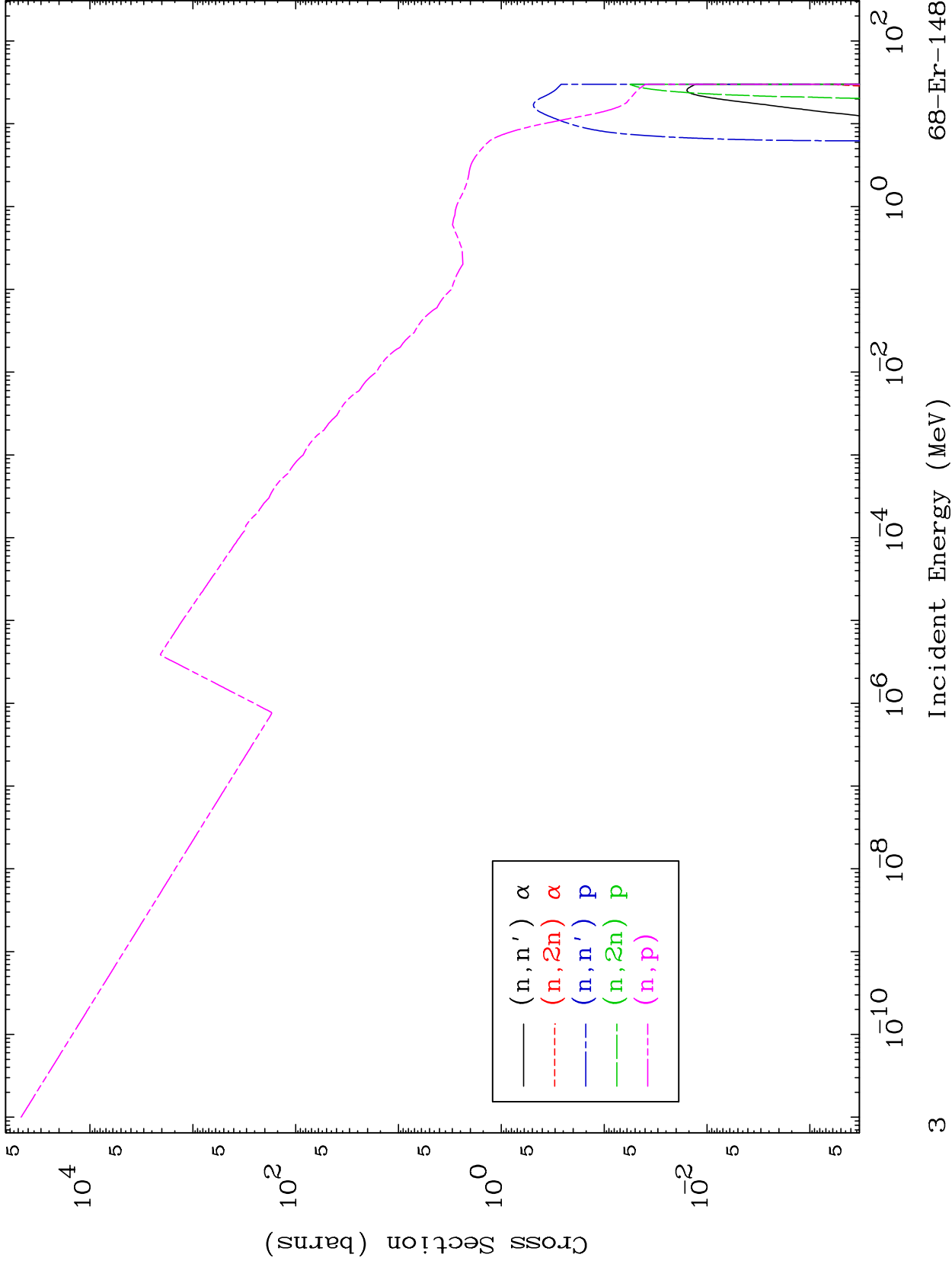


MAT 6783

Neutron Production  
293 Kelvin Cross Sections

68-Er-148

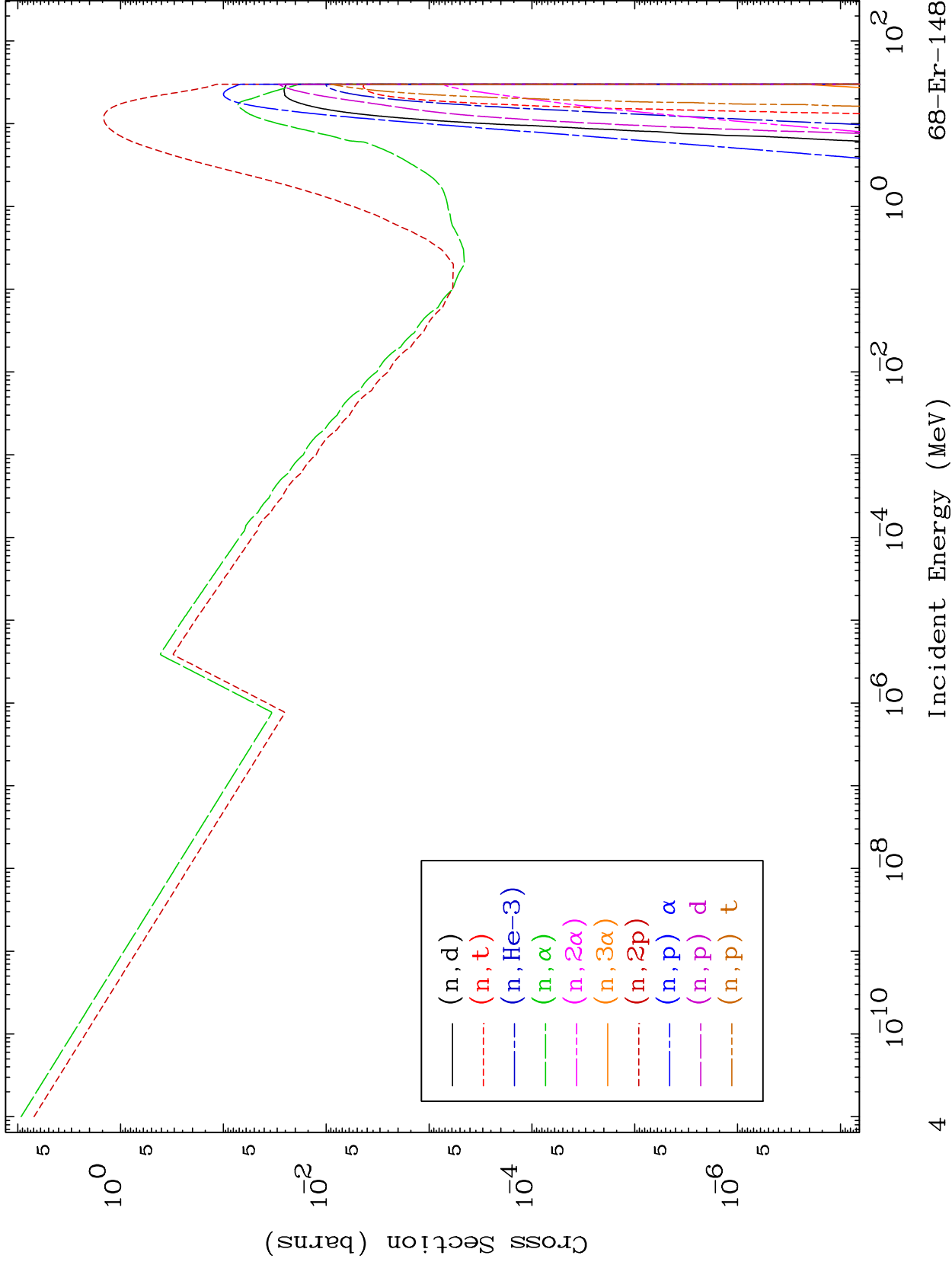




MAT 6783

Charged Particle  
293 Kelvin Cross Sections

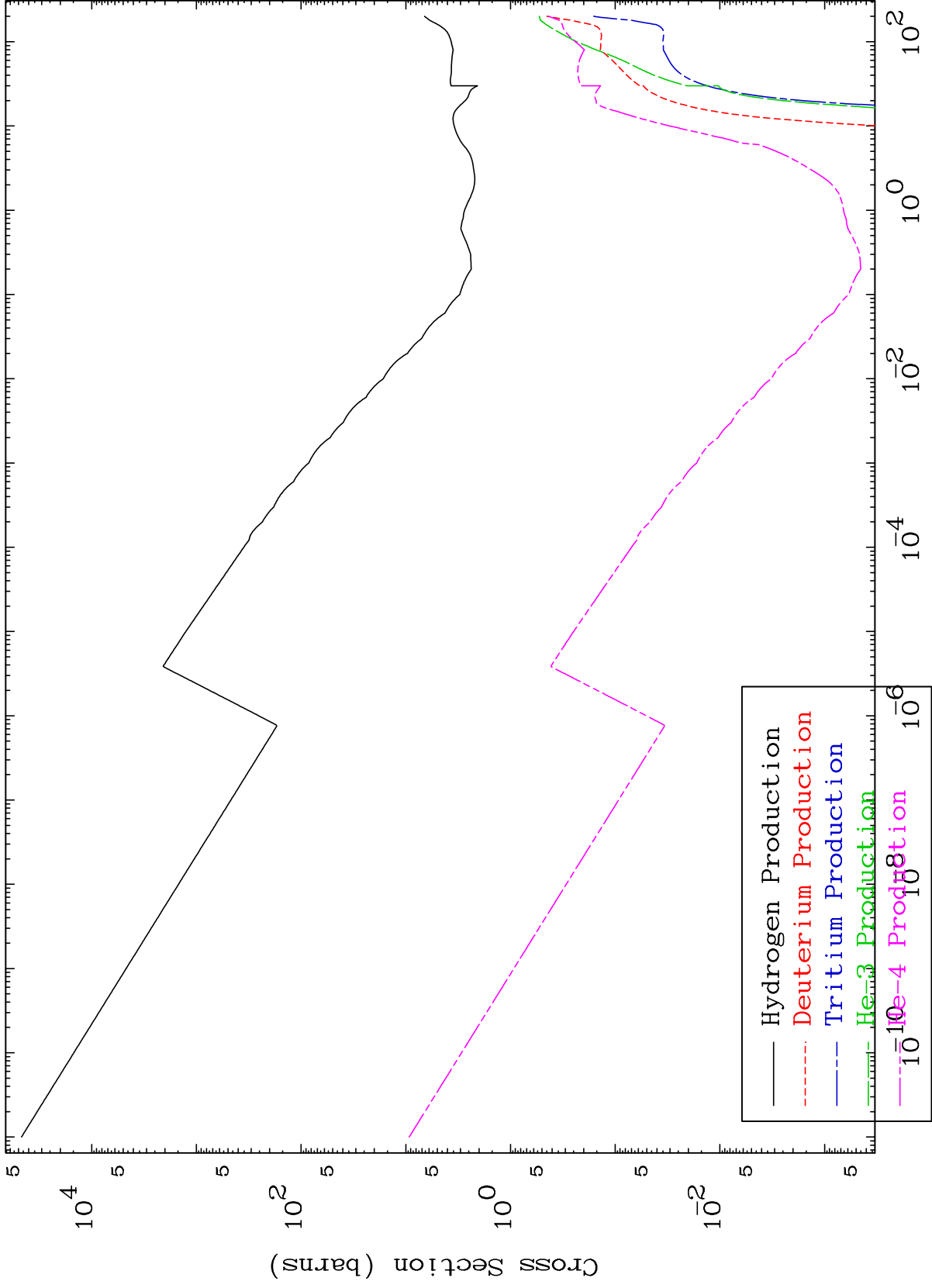
68-Er-148



MAT 6783

Particle Production  
293 Kelvin Cross Sections

68-Er-148



5

Incident Energy (MeV)

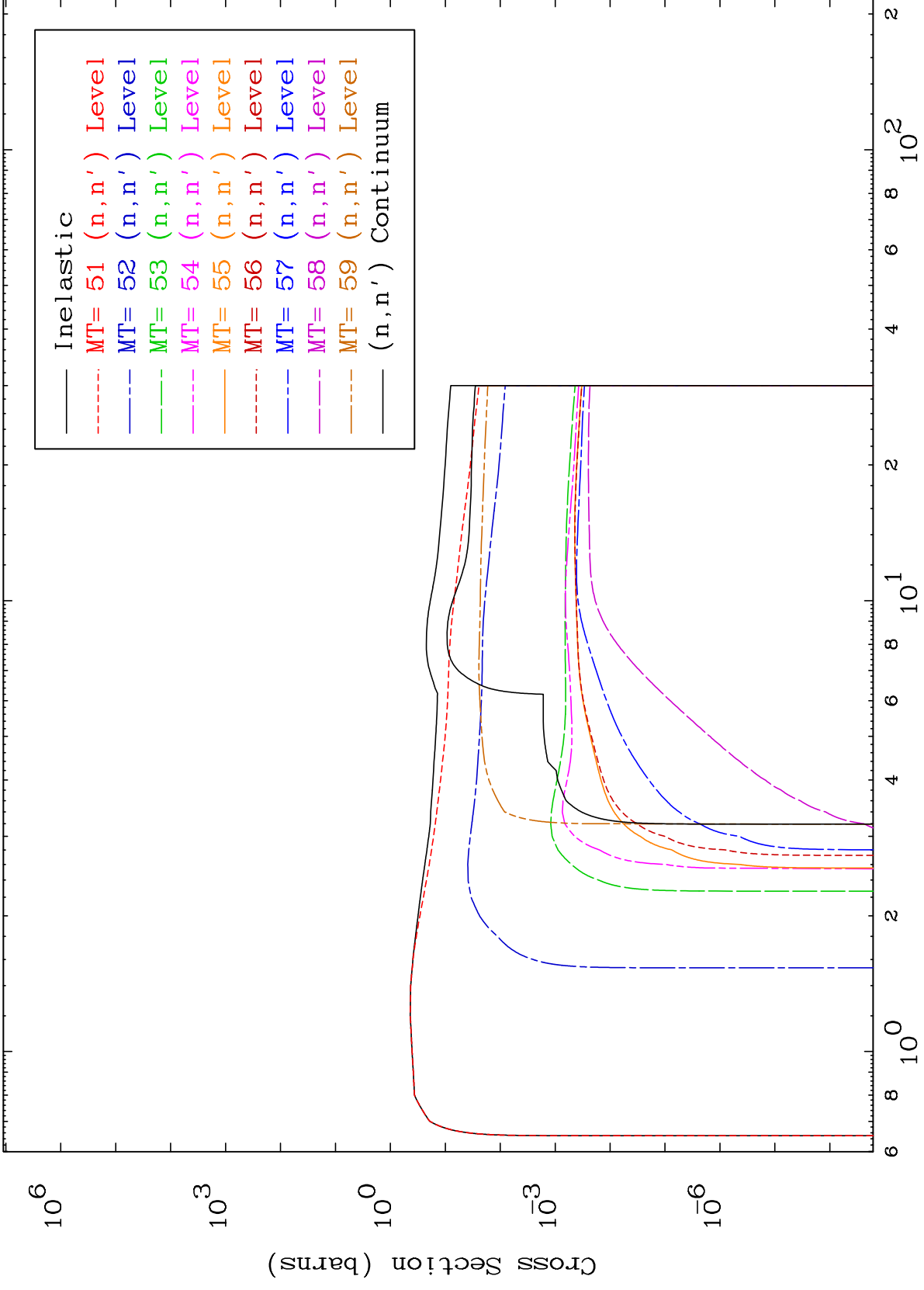
68-Er-148

MAT 6783

(n,n') Level

68-Er-148

293 Kelvin Cross Sections



Incident Energy (MeV)

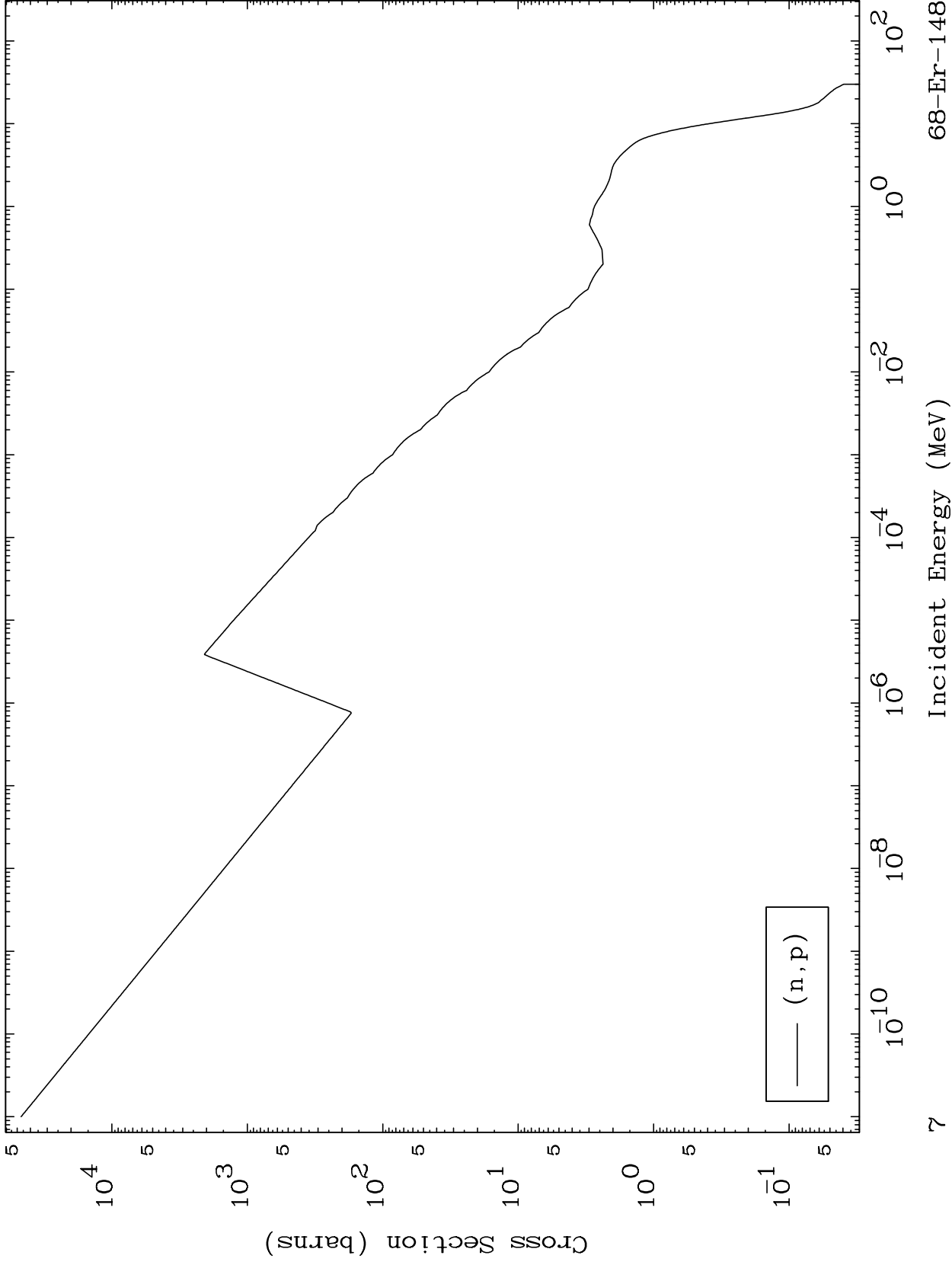
68-Er-148

6

MAT 6783

(n,p) Levels  
293 Kelvin Cross Sections

68-Er-148

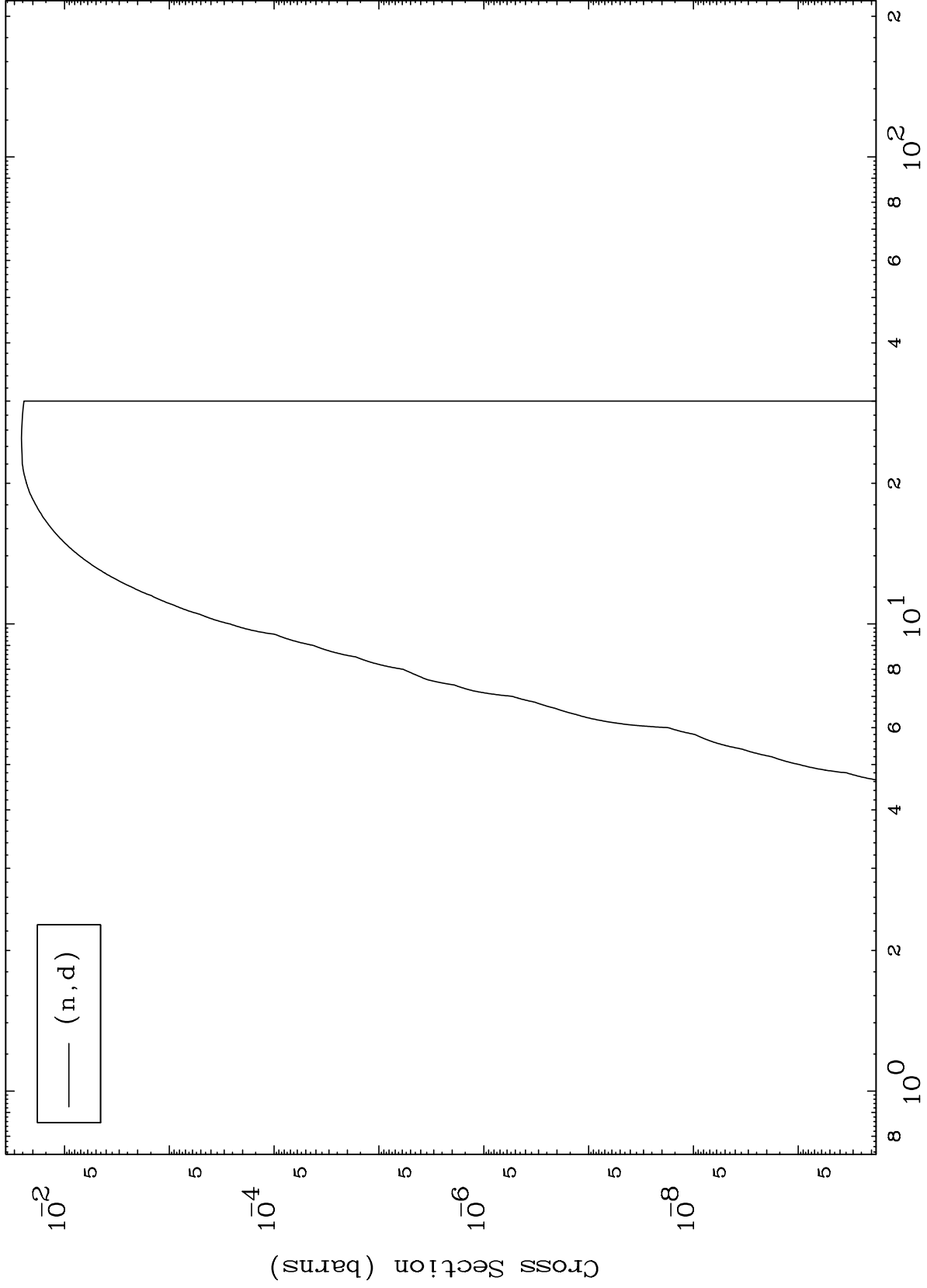




MAT 6783

(n,d) Levels  
293 Kelvin Cross Sections

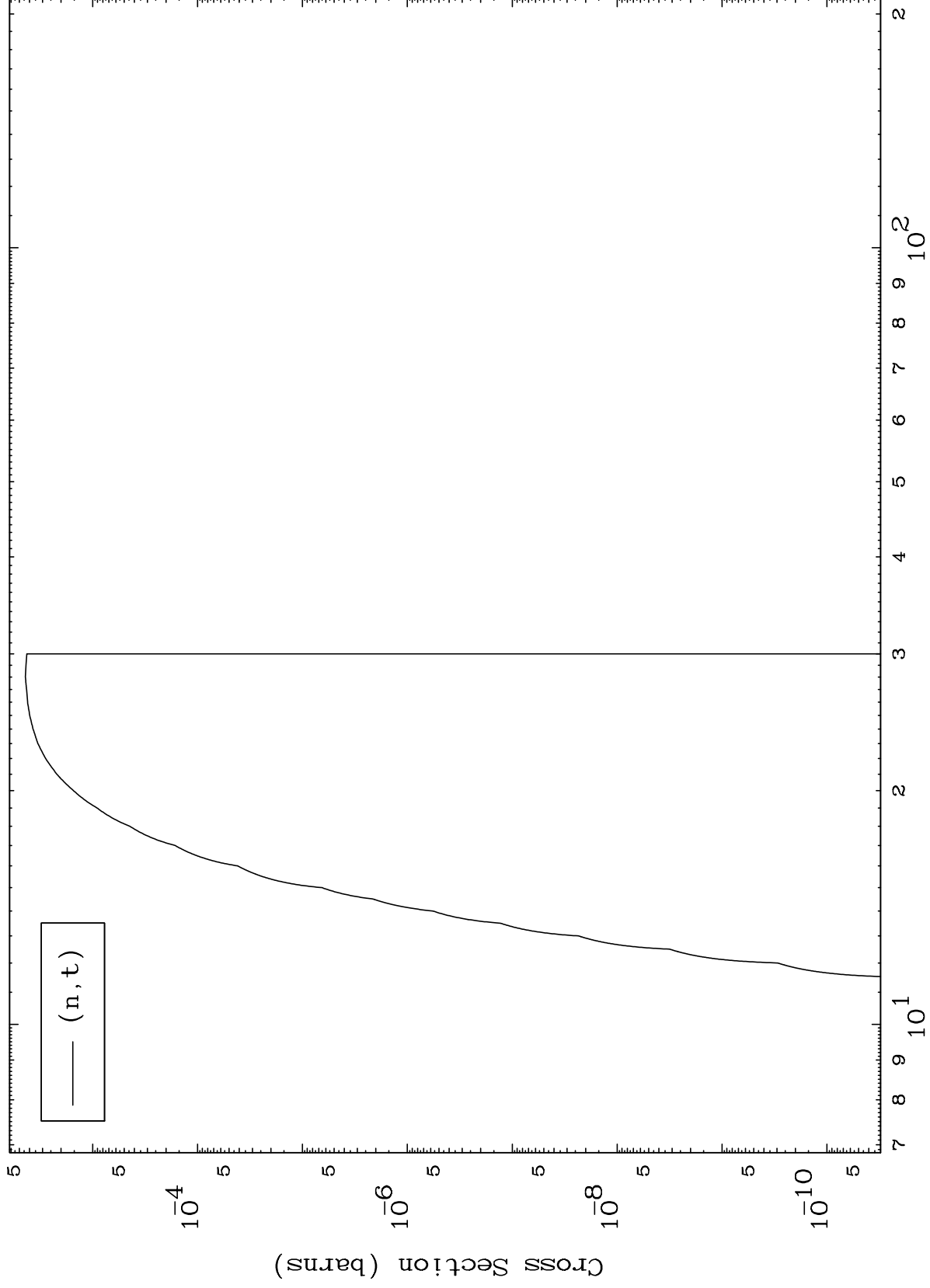
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8

Incident Energy (MeV)

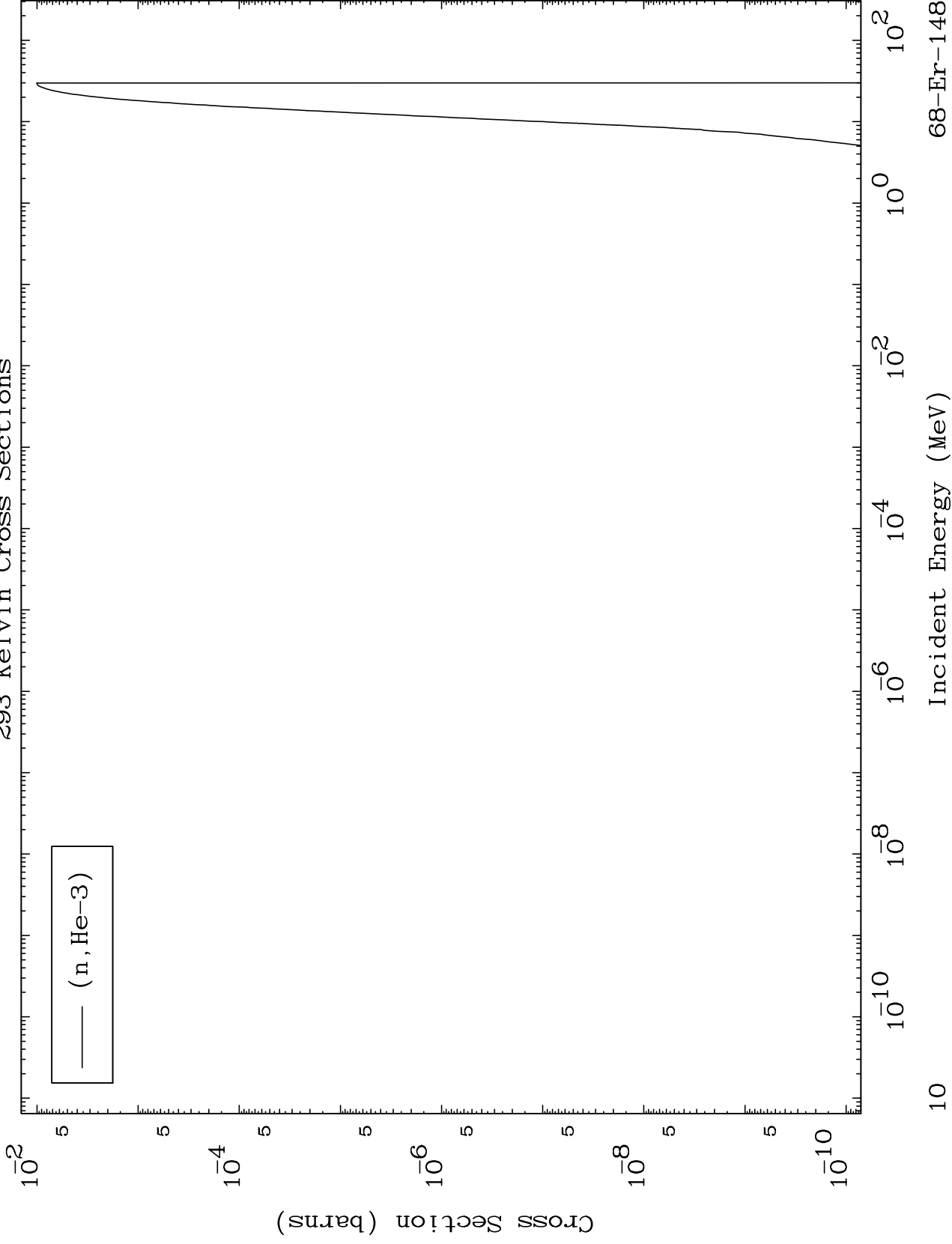
68-Er-148



MAT 6783

(n,He3) Levels  
293 Kelvin Cross Sections

68-Er-148



(n, He-3)

10

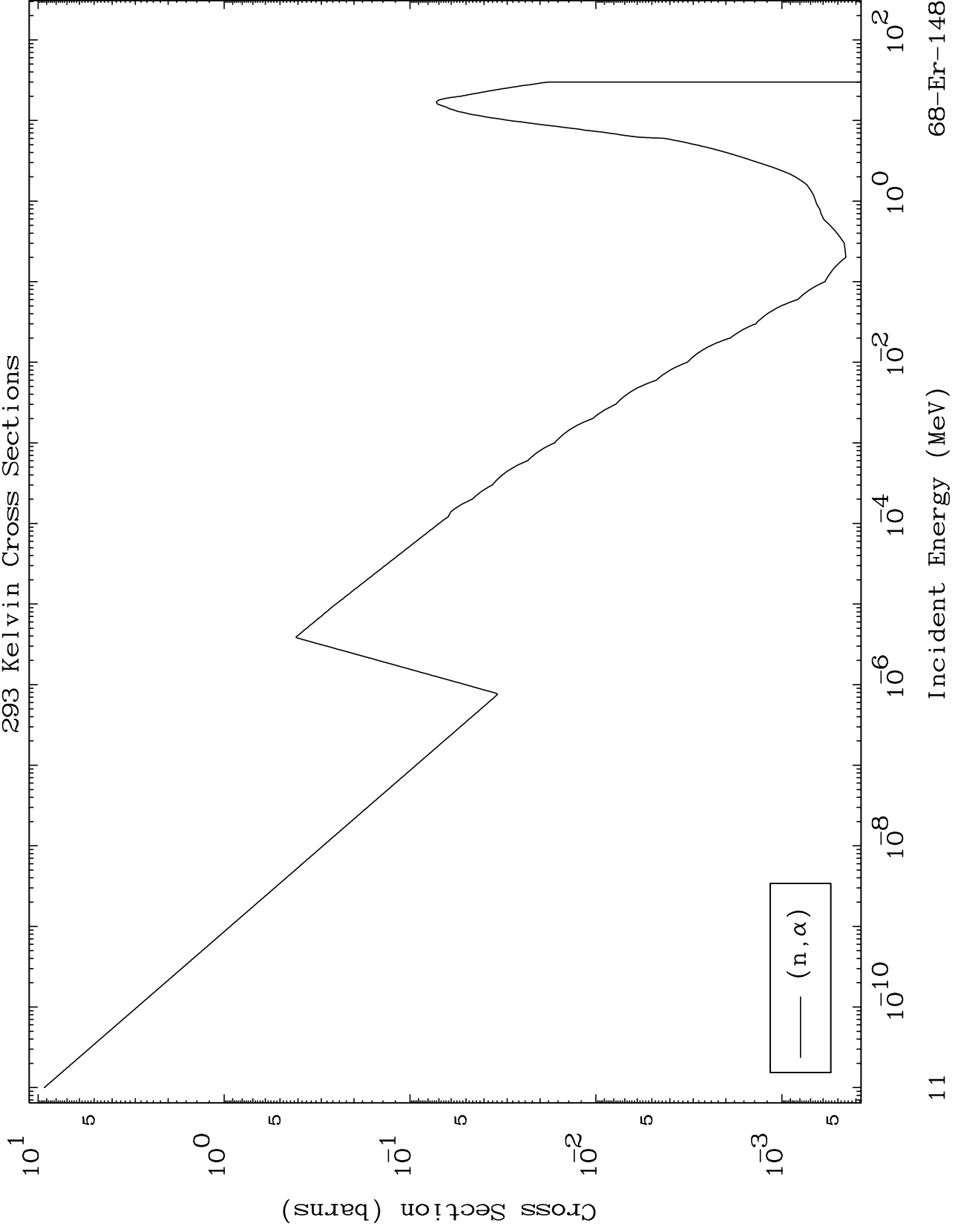
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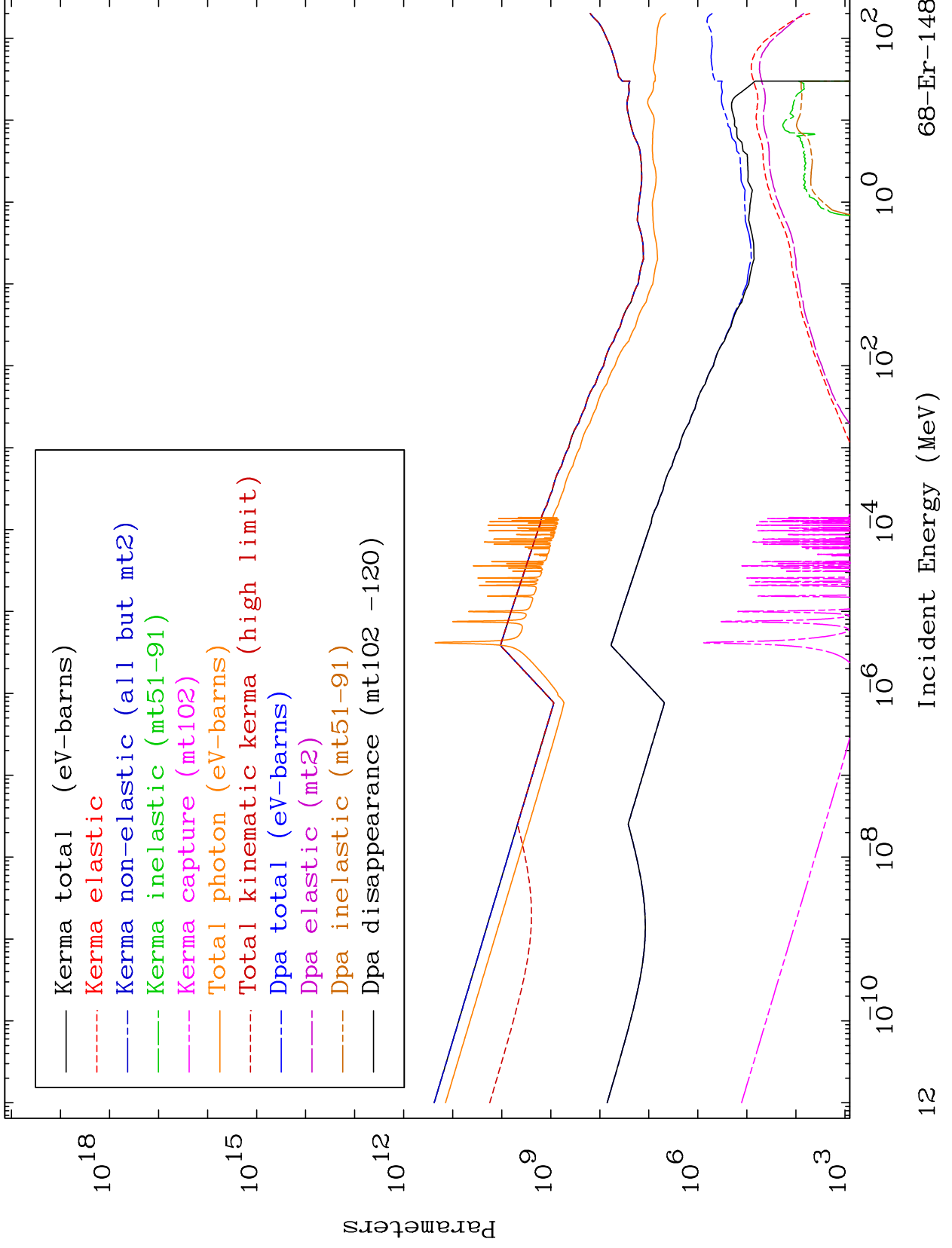
68-Er-148

MAT 6783

(n,α) Levels  
293 Kelvin Cross Sections

68-Er-148

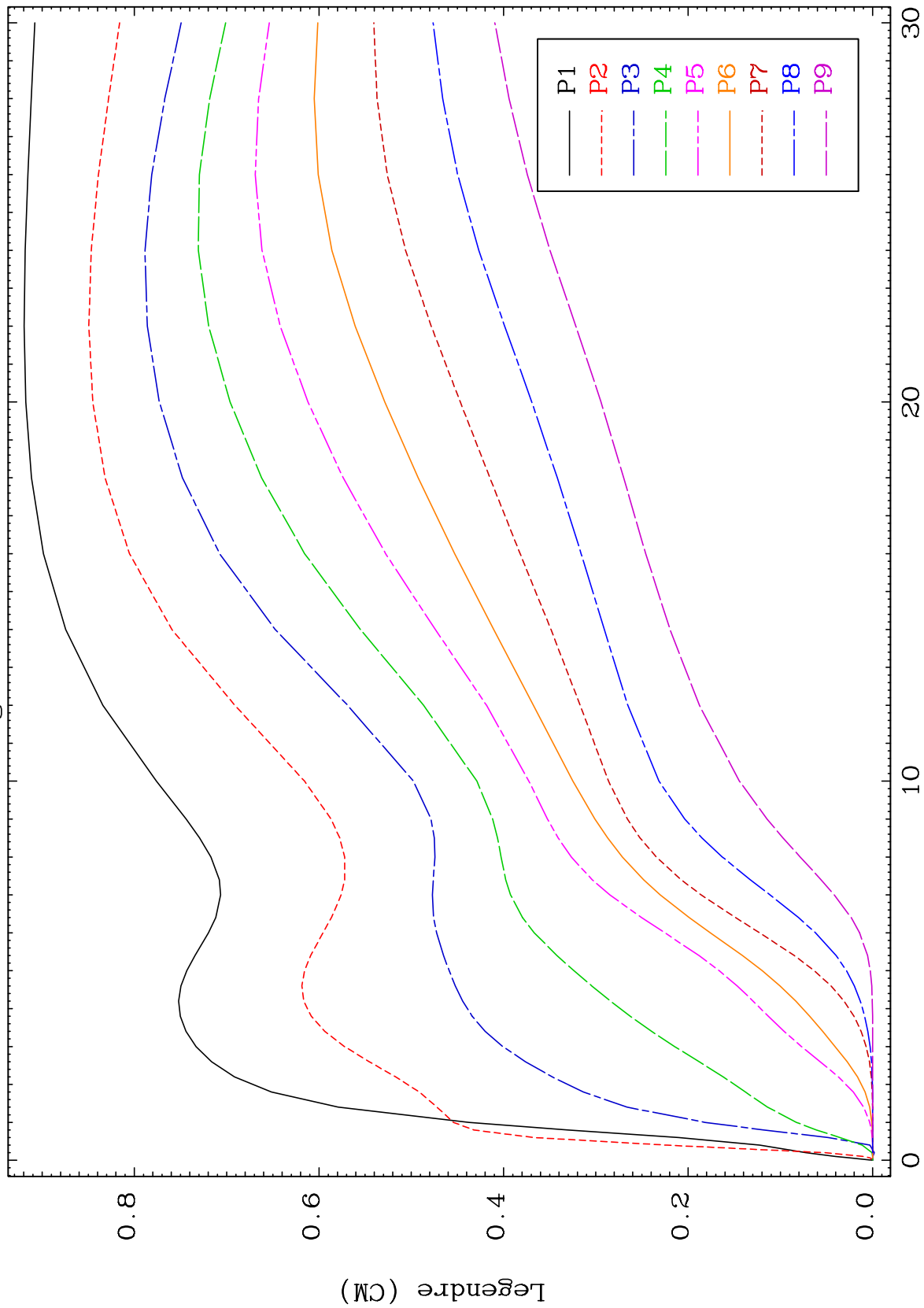




MAT 6783

Elastic Legendre Coefficients

68-Er-148



13

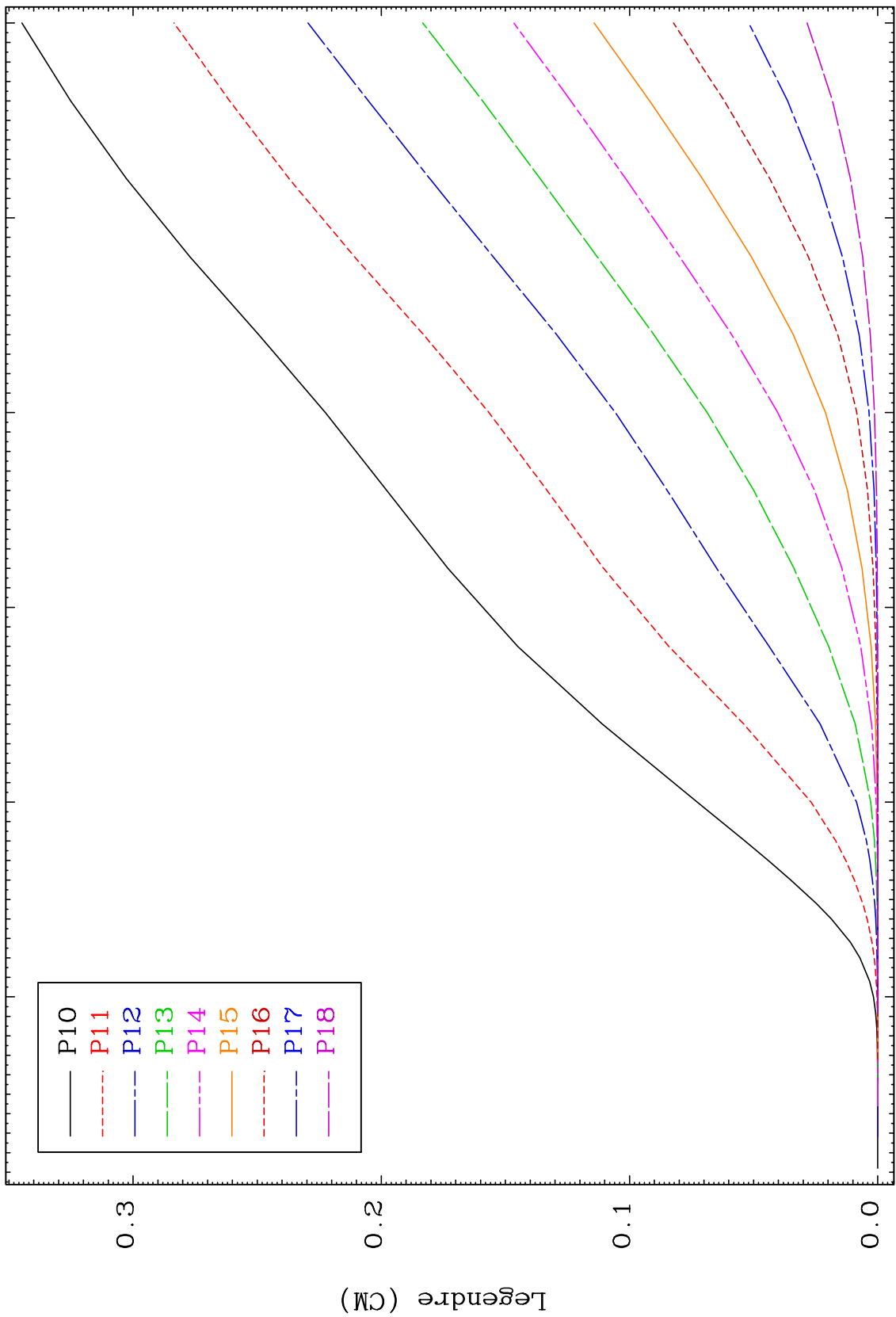
Incident Energy (MeV)

68-Er-148

MAT 6783

Elastic  
Legendre Coefficients

68-Er-148



14

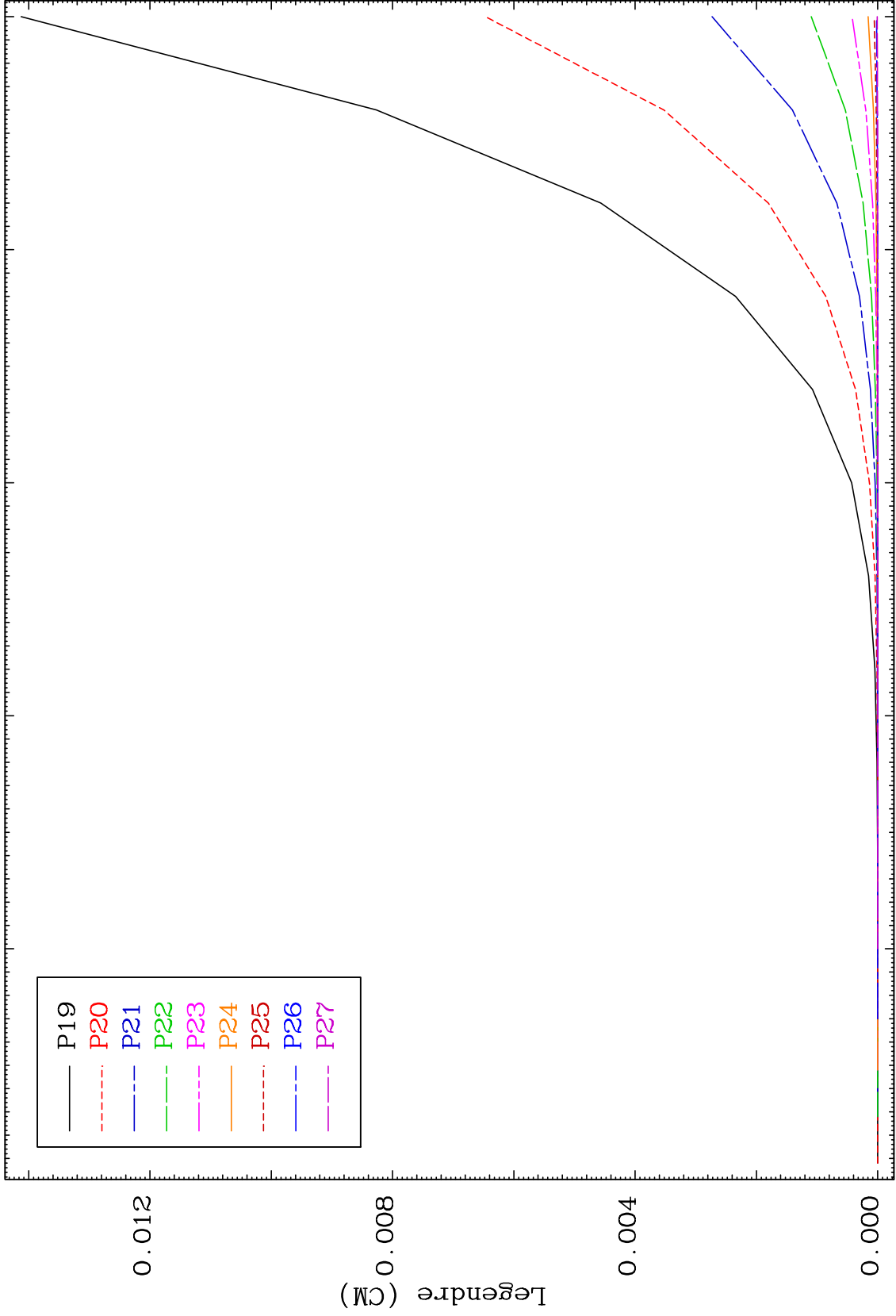
Incident Energy (MeV)

68-Er-148

MAT 6783

Elastic Legendre Coefficients

68-Er-148



15

Incident Energy (MeV)

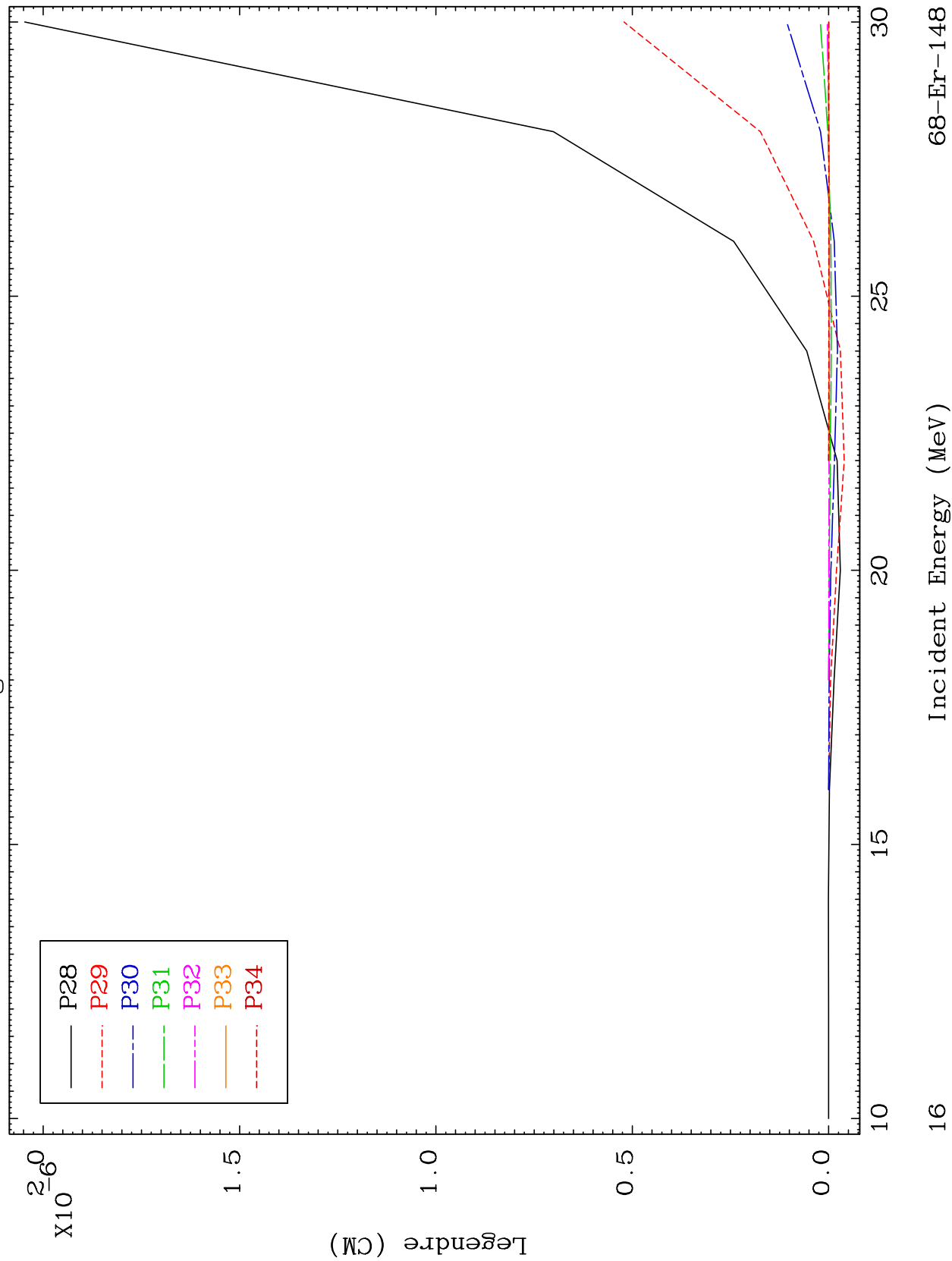
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MAT 6783

Elastic  
Legendre Coefficients

68-Er-148



16

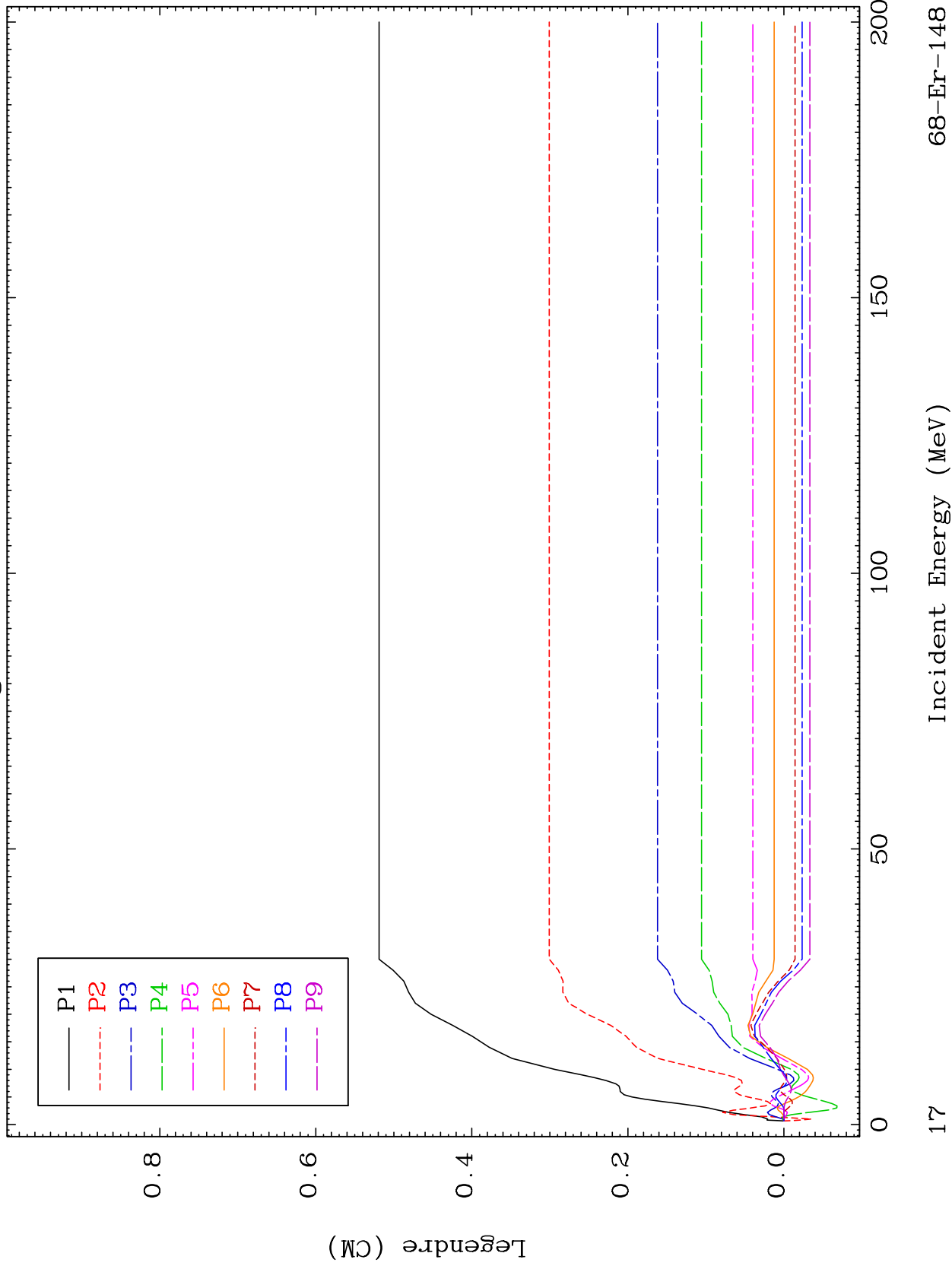
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



17

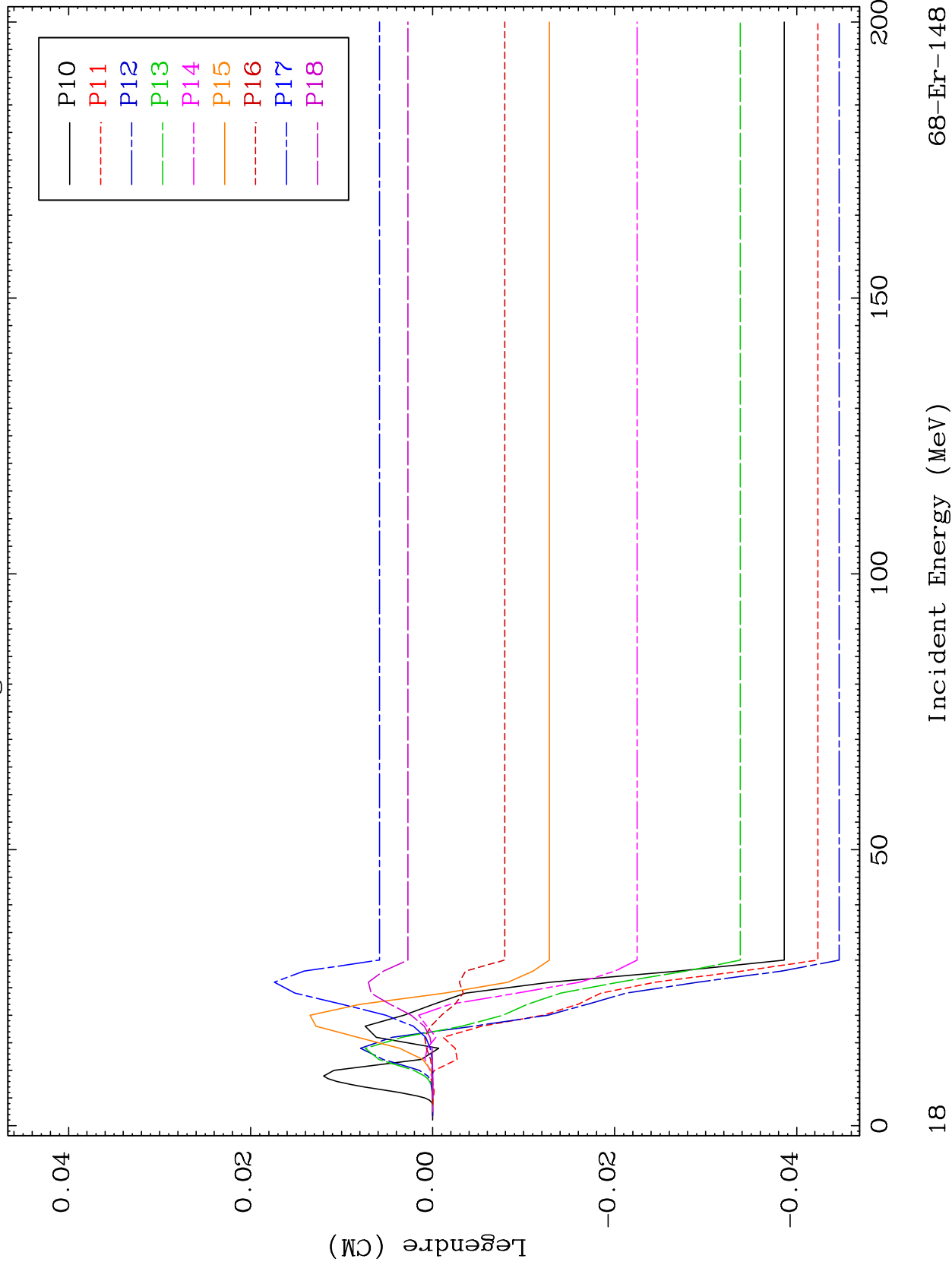
Incident Energy (MeV)

68-Er-148

MAT 6783

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

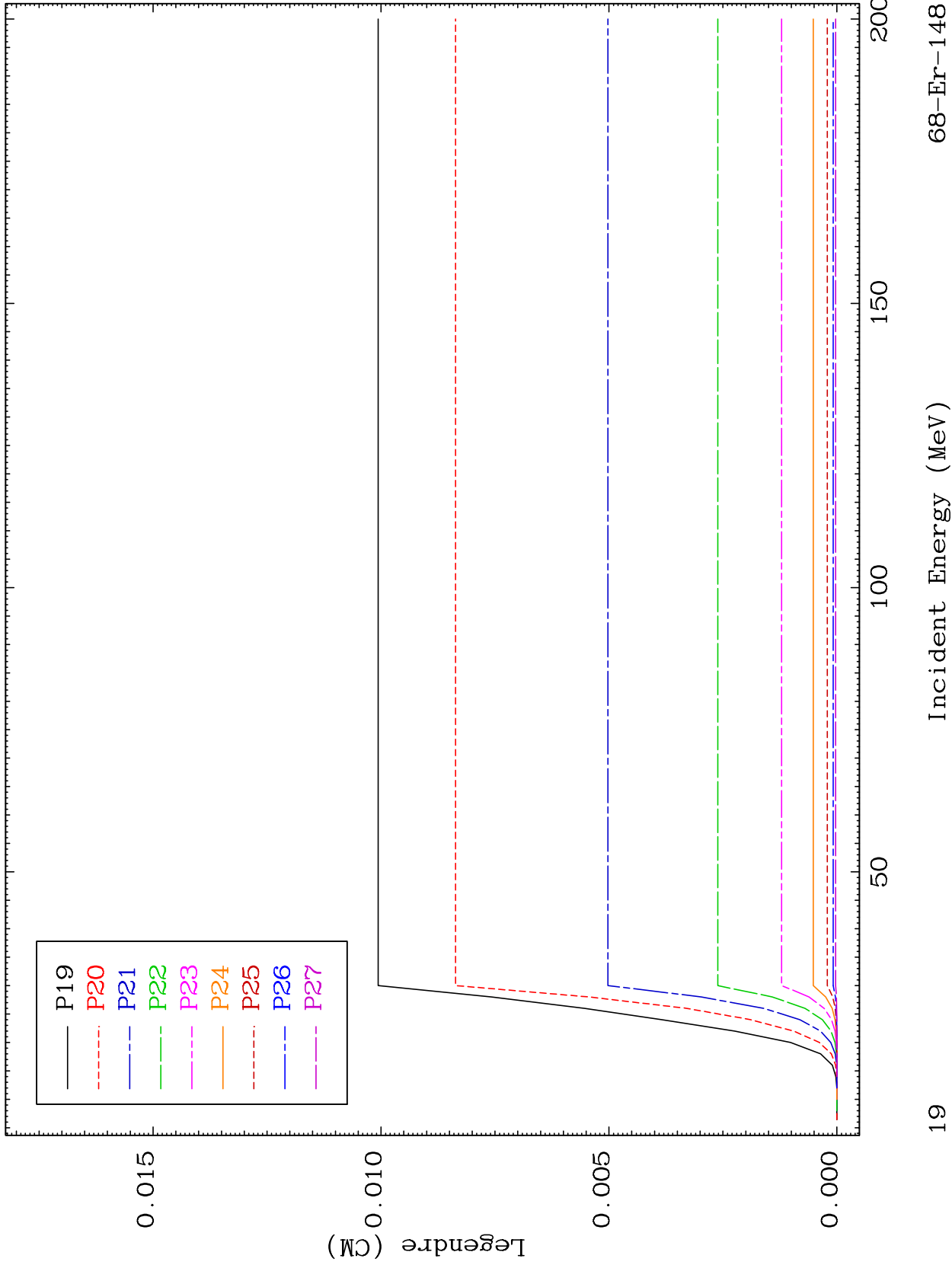
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18

Incident Energy (MeV)

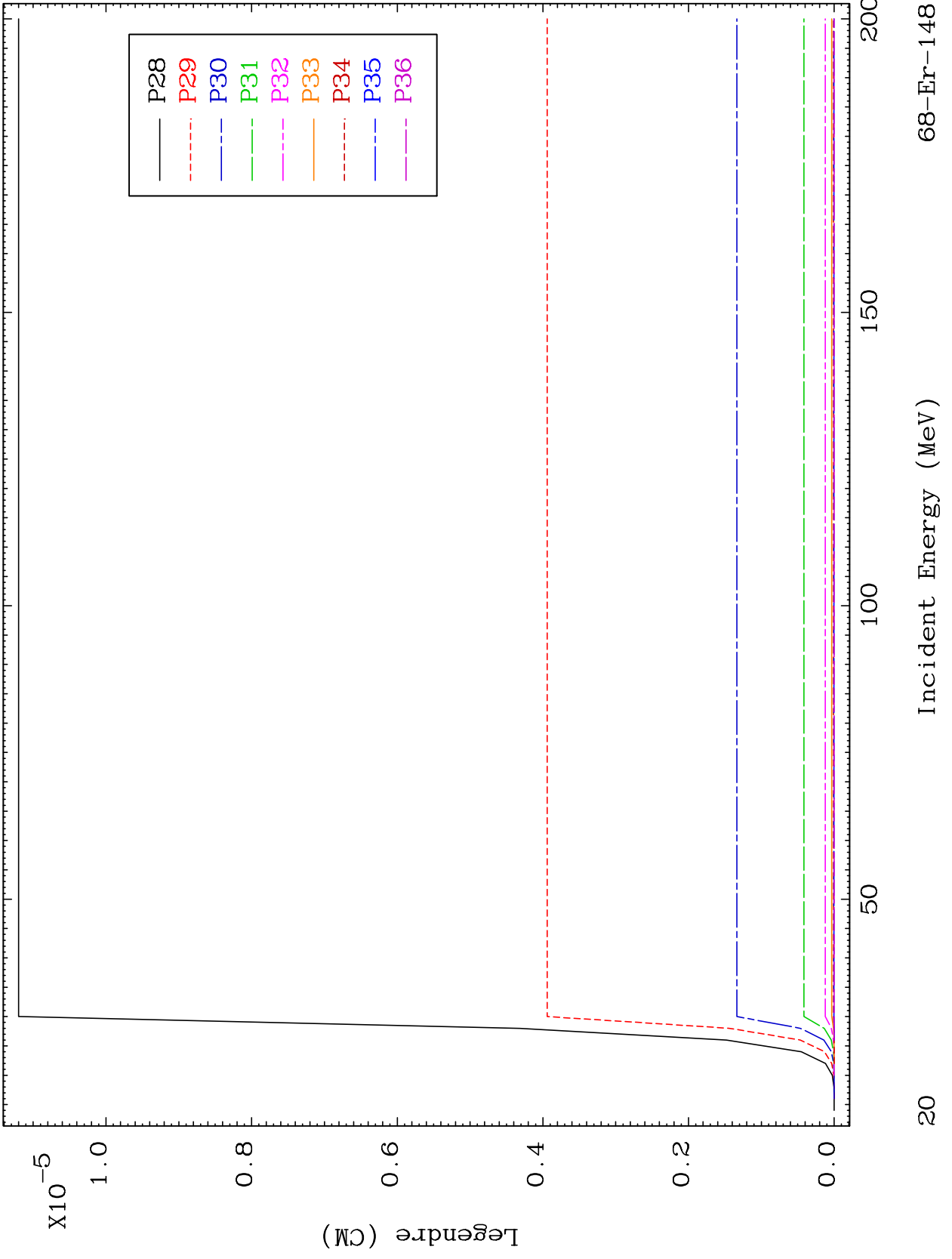
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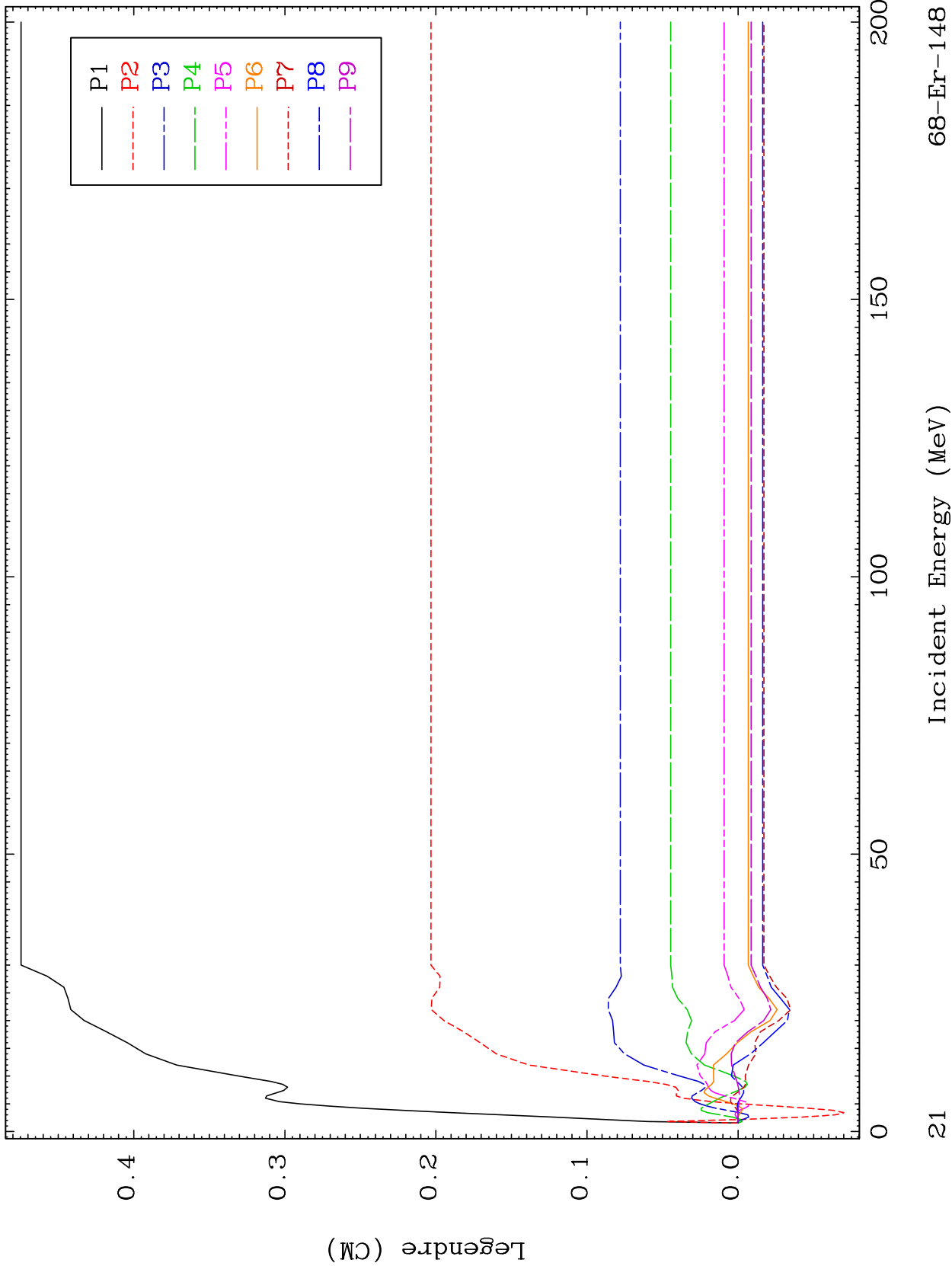


MAT 6783

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

68-Er-148

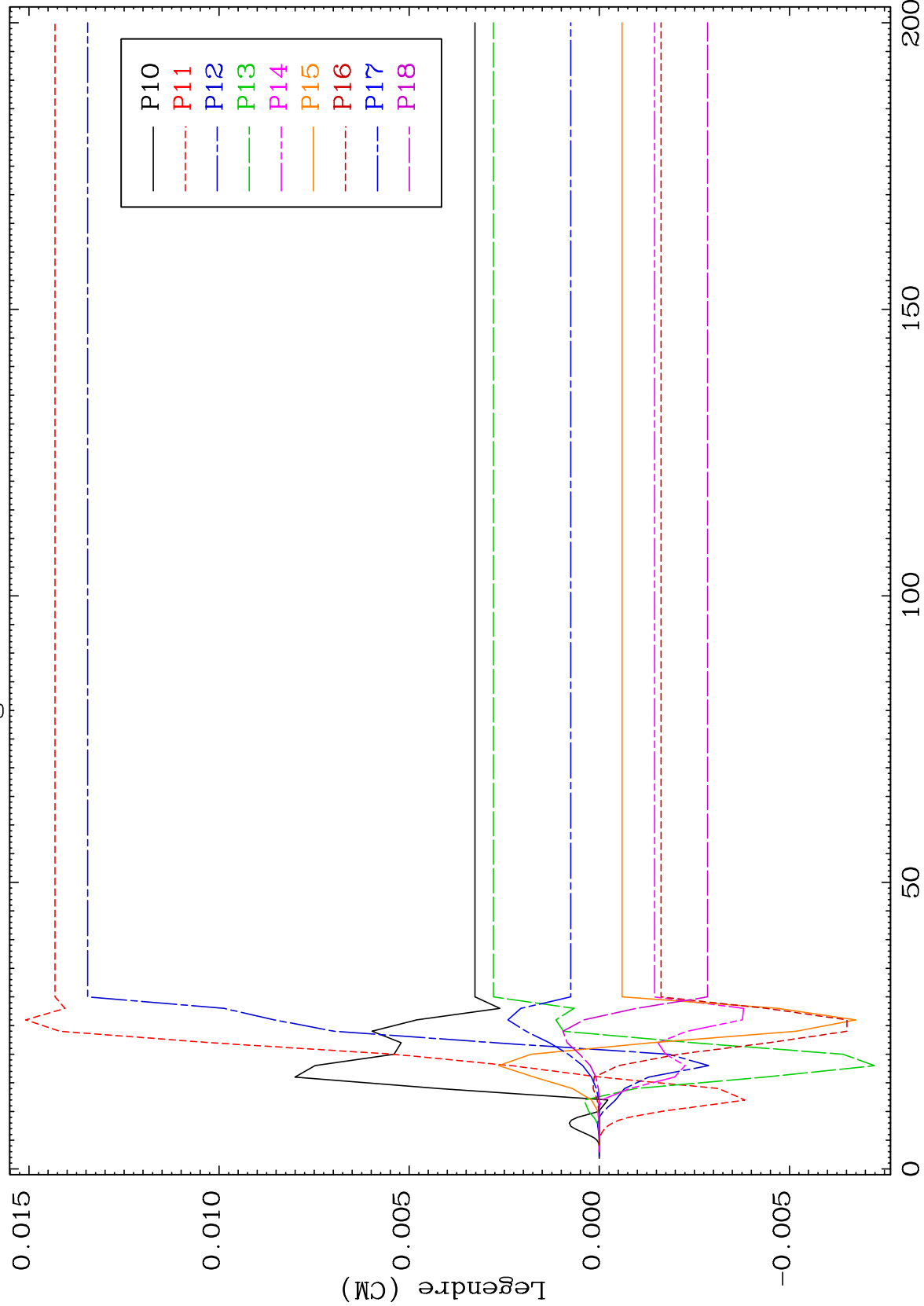




MAT 6783

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

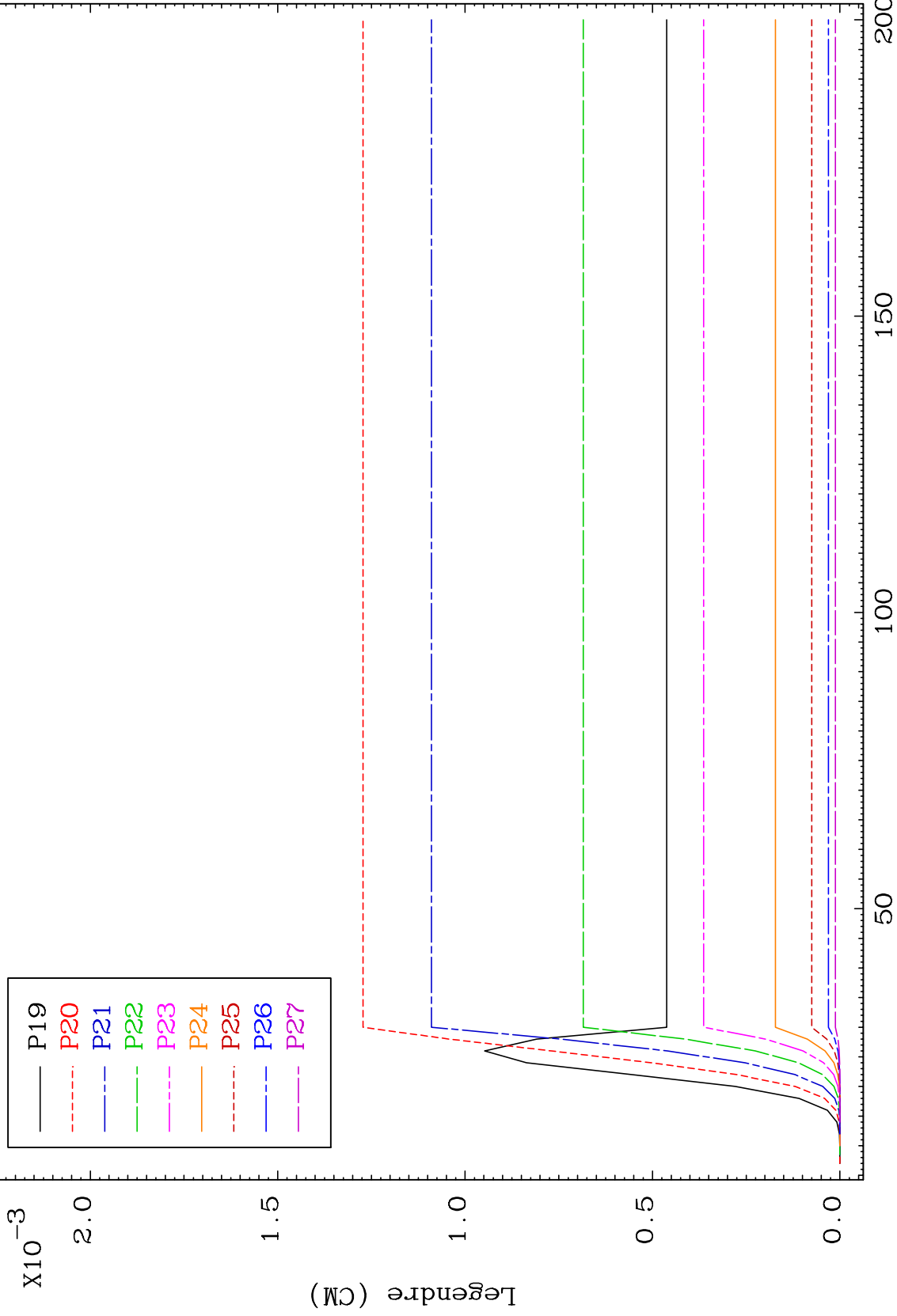
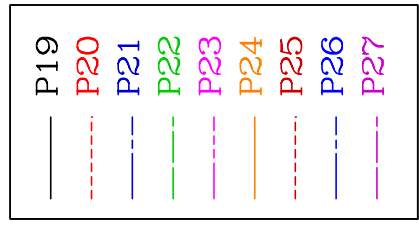
68-Er-148



22

Incident Energy (MeV)

68-Er-148

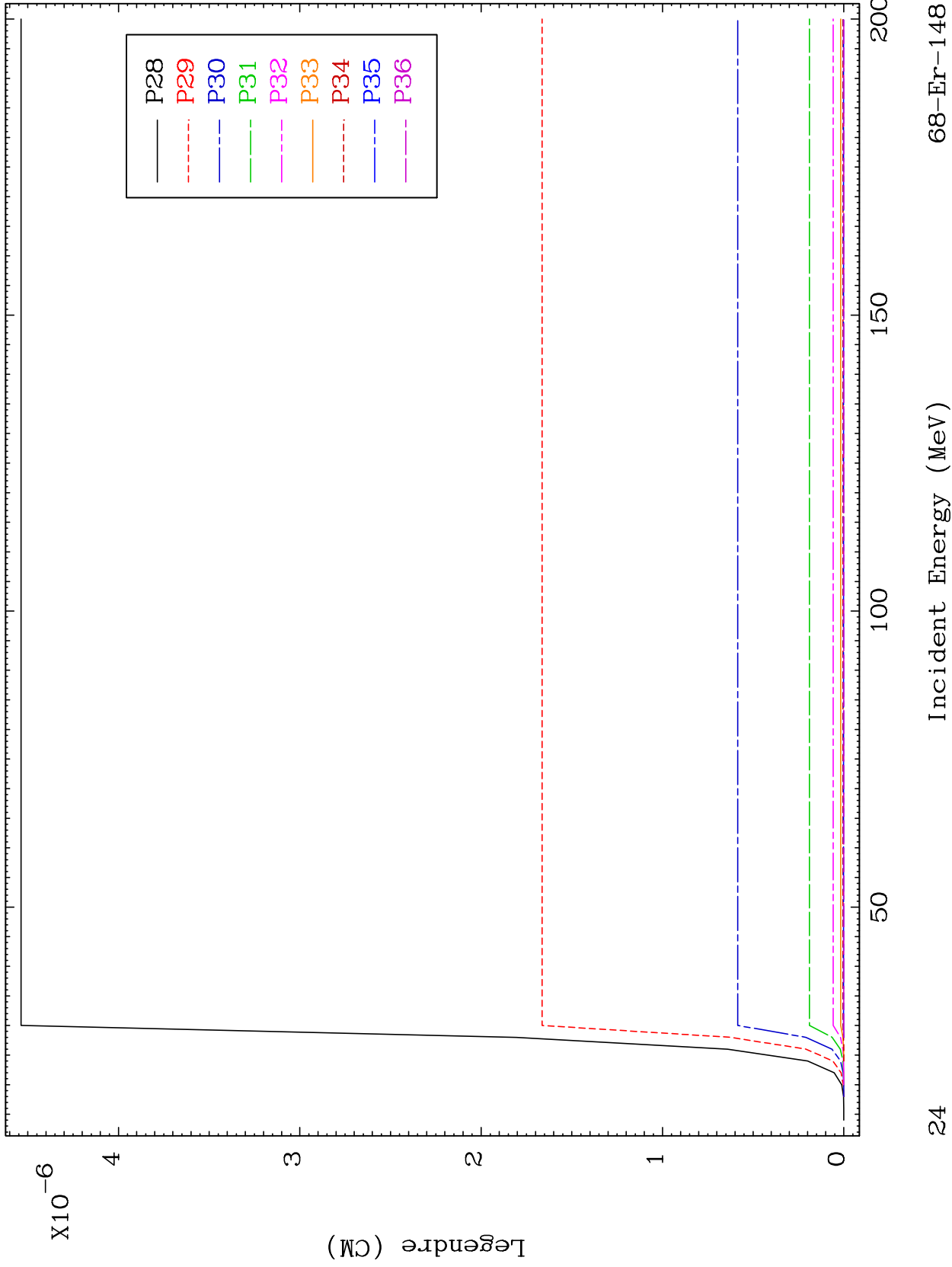




MAT 6783

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

68-Er-148



24

Incident Energy (MeV)

68-Er-148

200

150

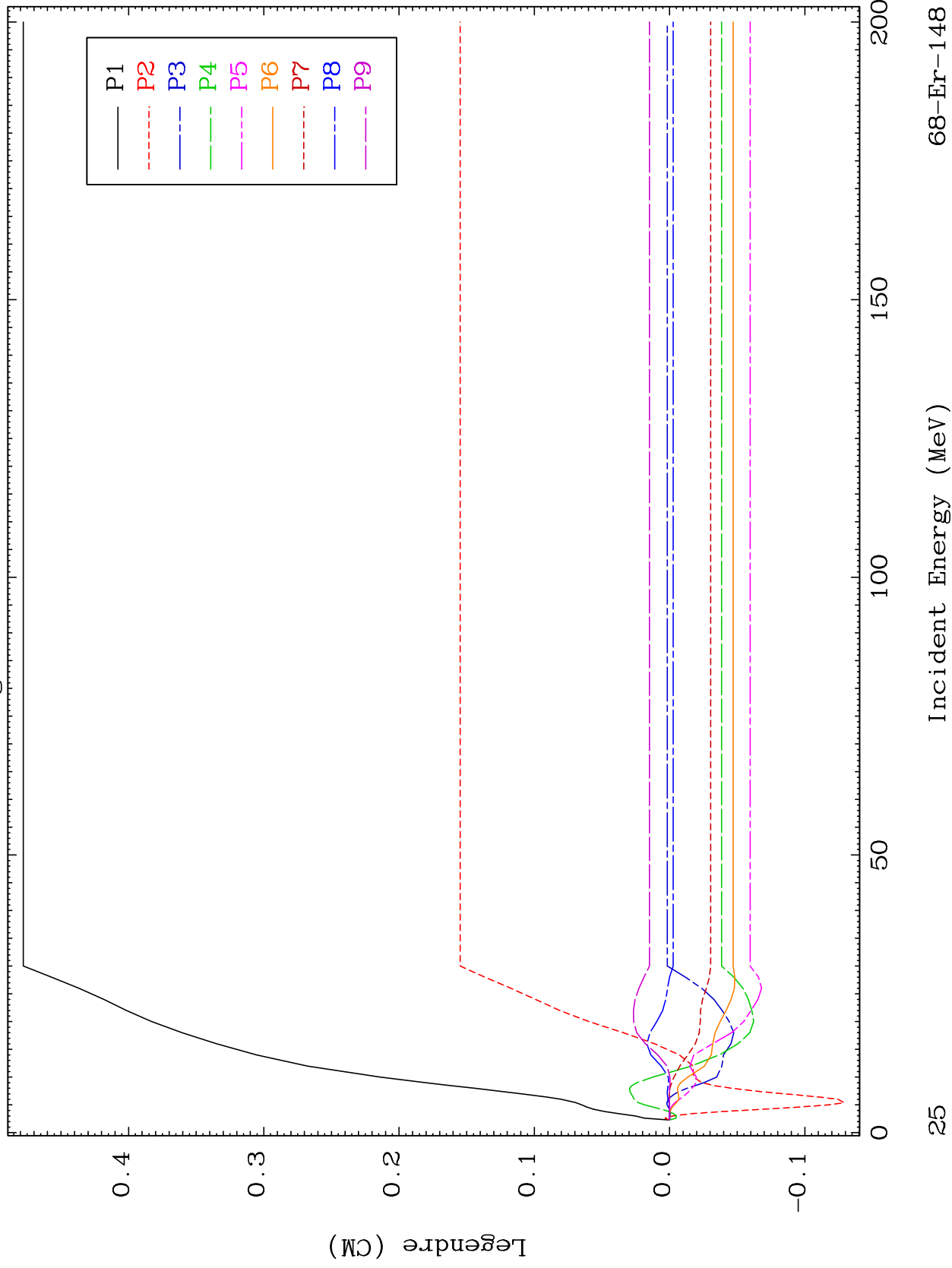
100

50

MAT 6783

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

68-Er-148



68-Er-148

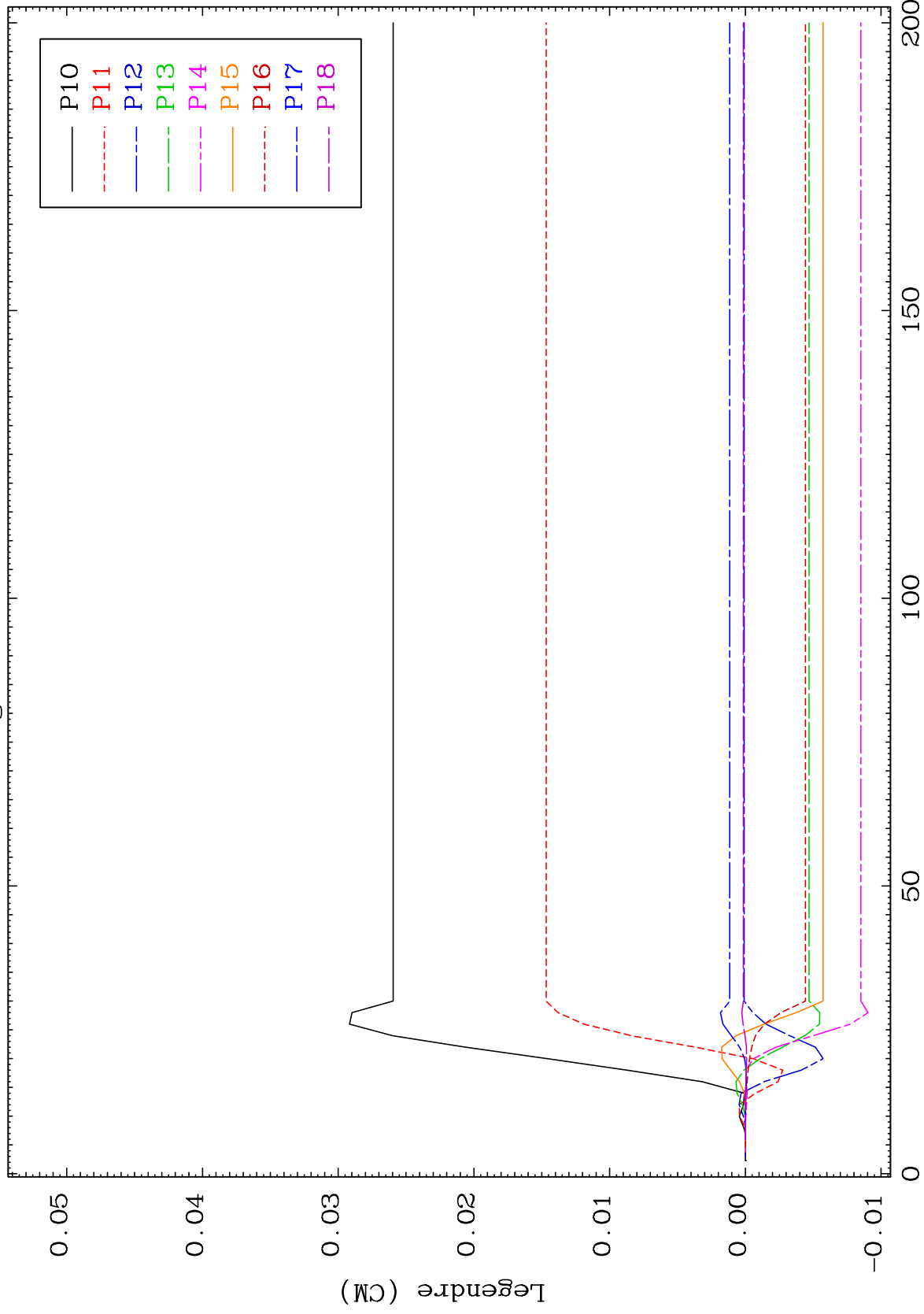
Incident Energy (MeV)

25

MAT 6783

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

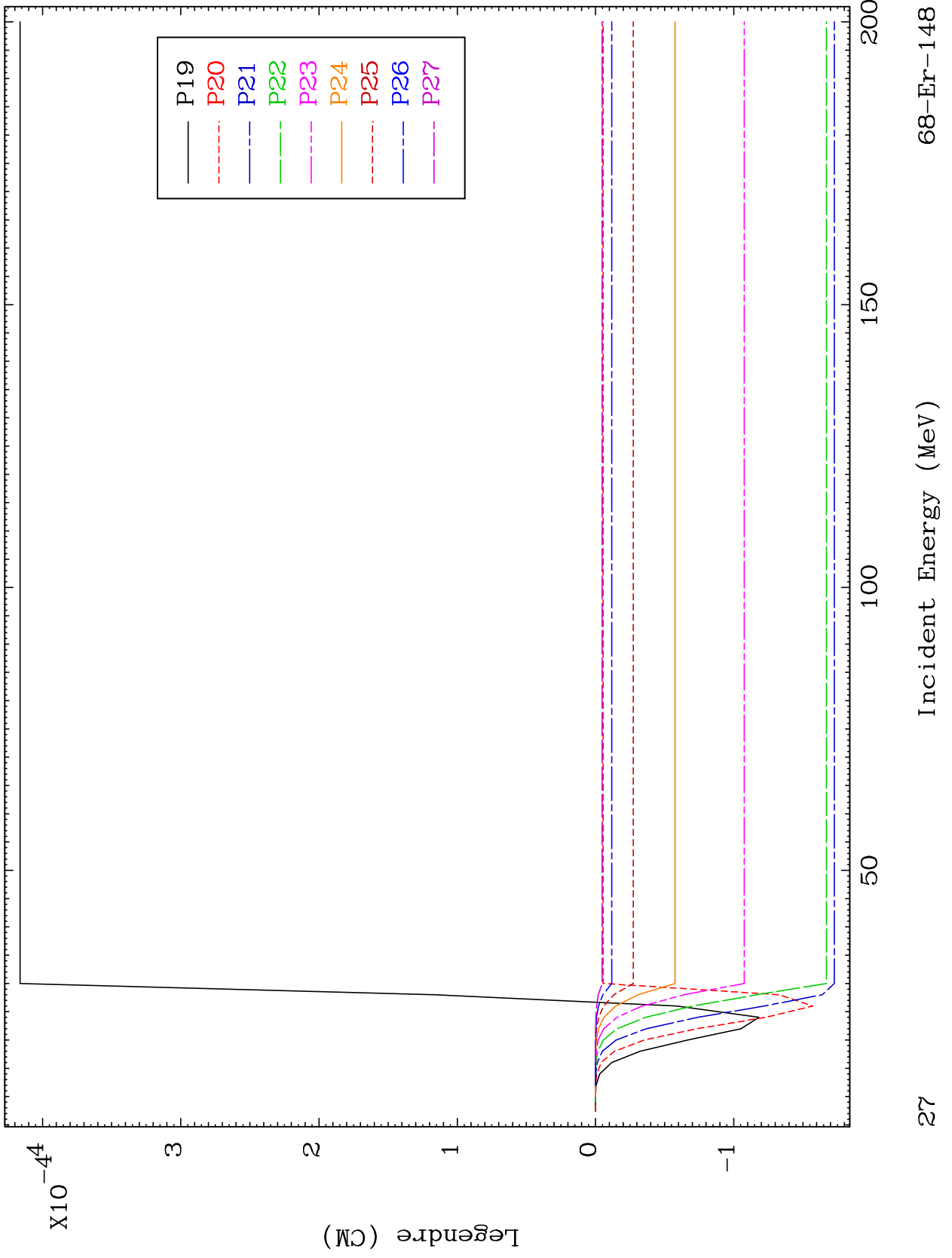
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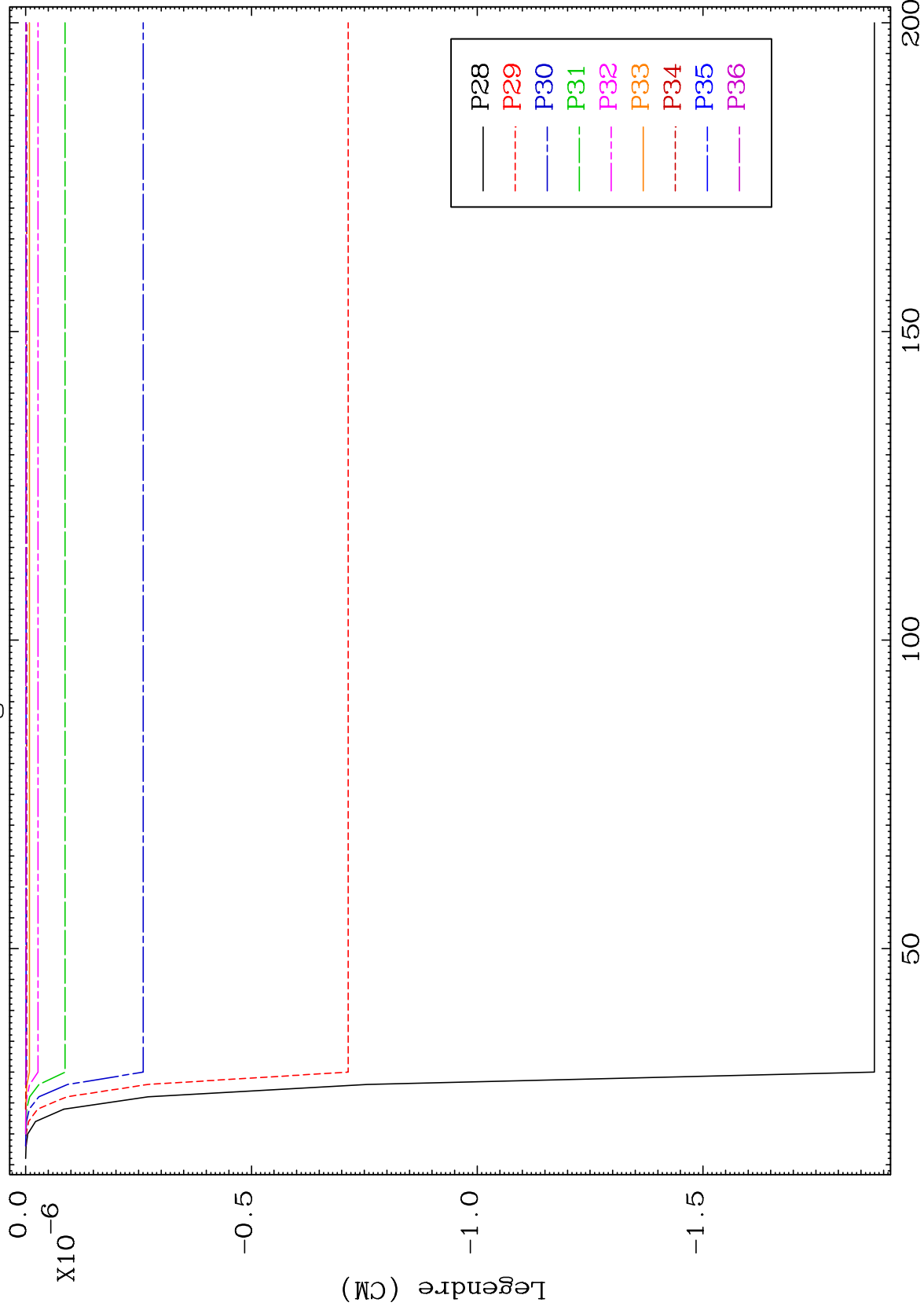


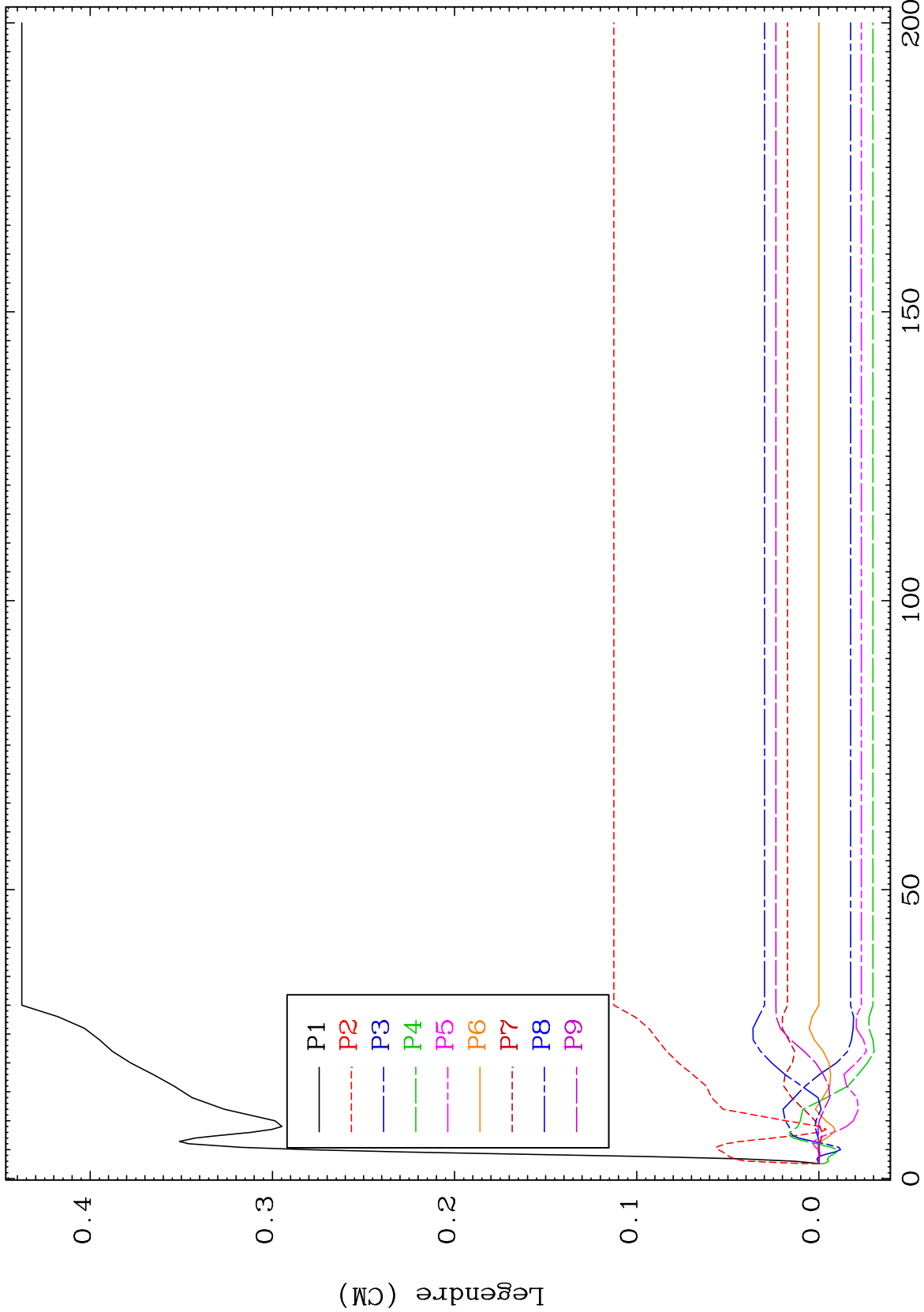
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Incident Energy (MeV)

68-Er-148



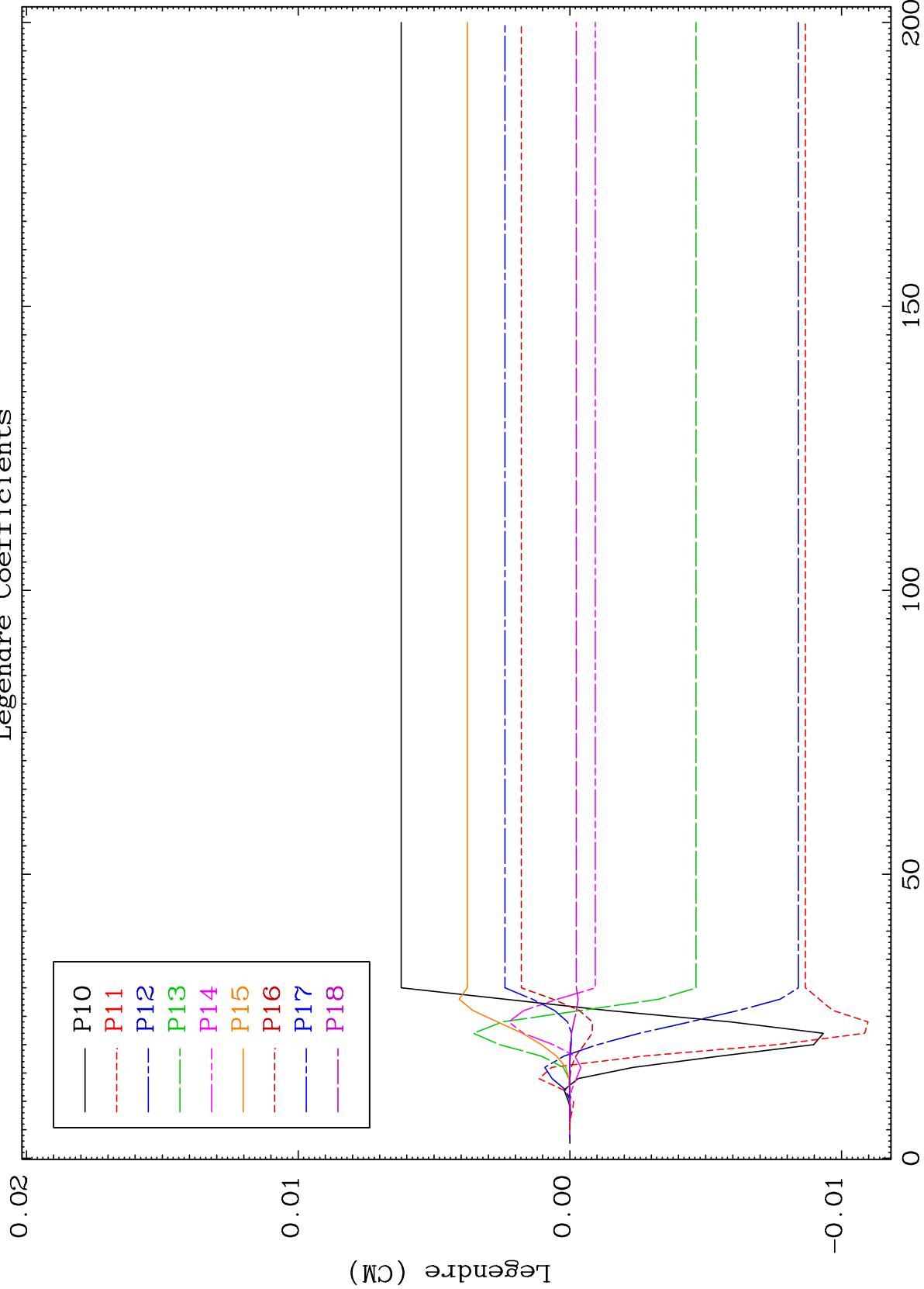




MAT 6783

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

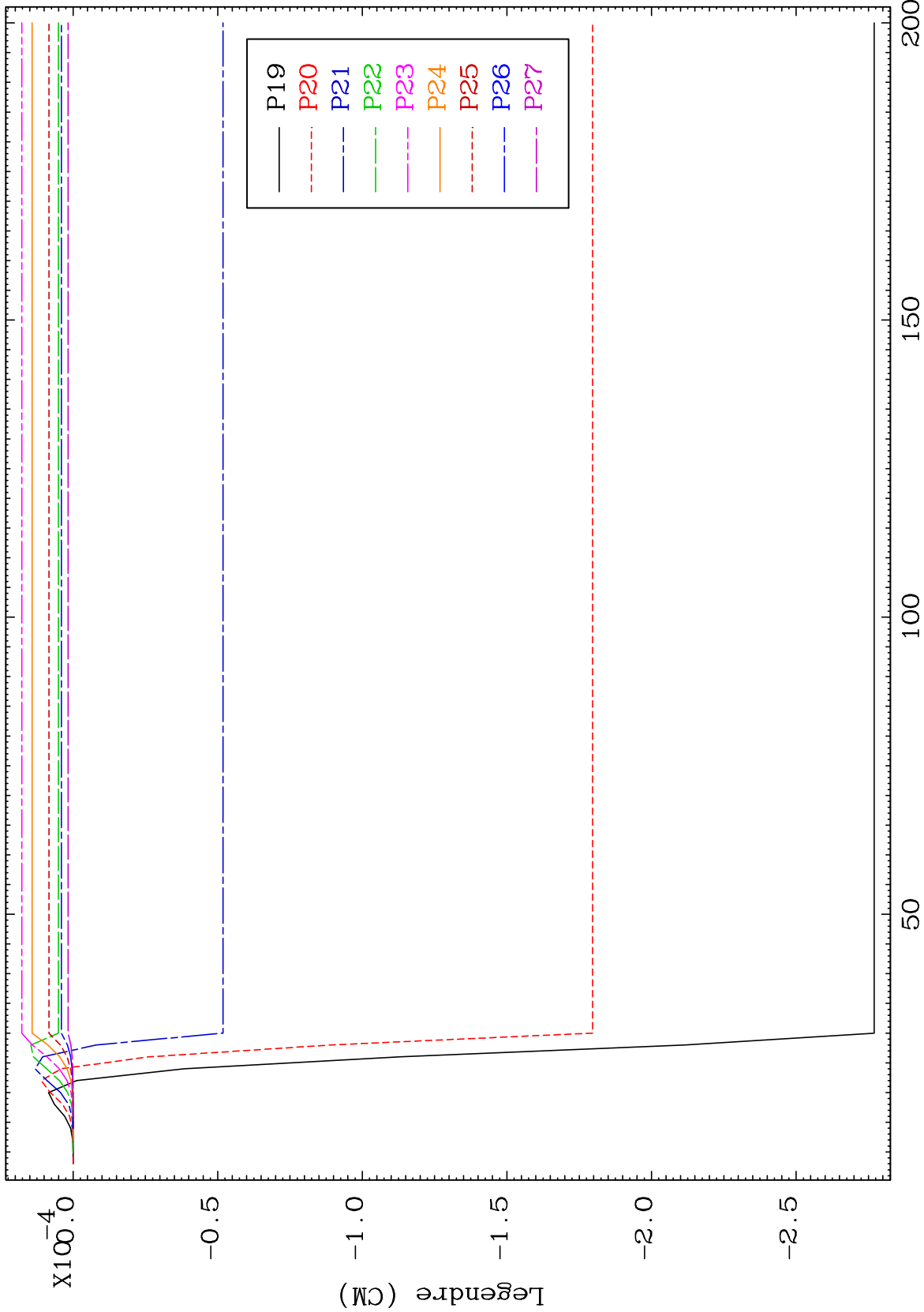
68-Er-148



68-Er-148

Incident Energy (MeV)

30

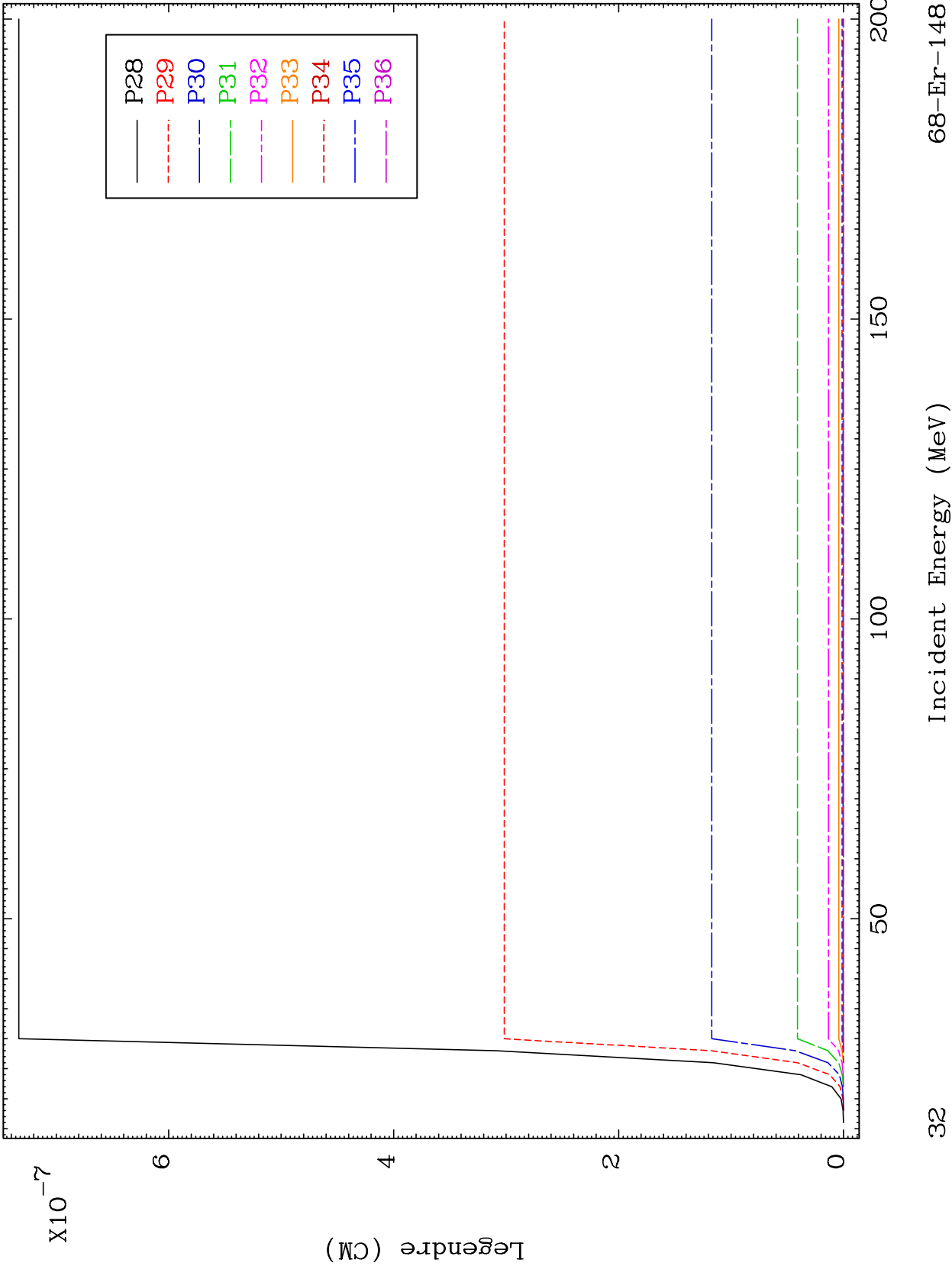




MAT 6783

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

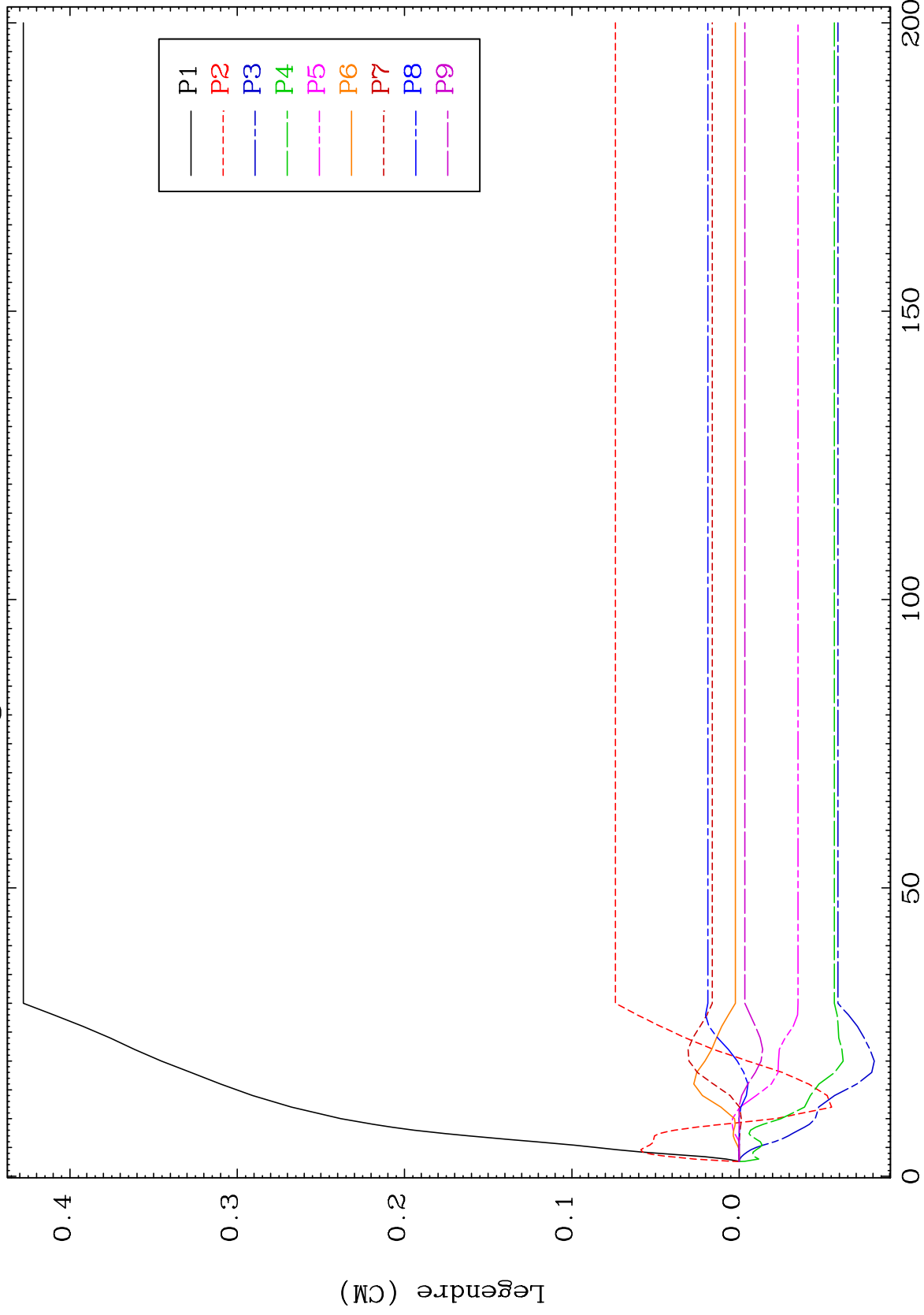
68-Er-148



32

Incident Energy (MeV)

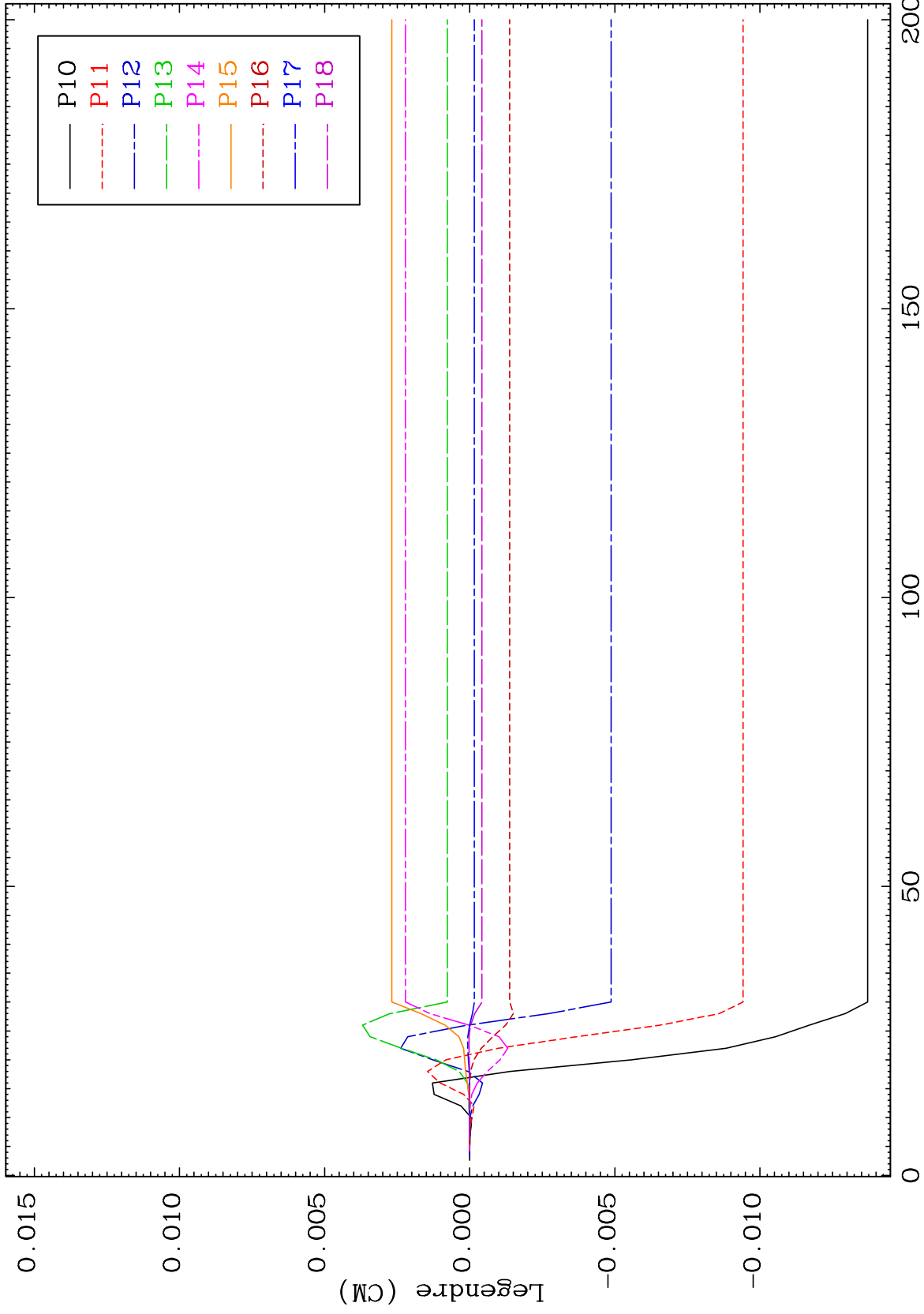
68-Er-148



MAT 6783

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

68-Er-148



34

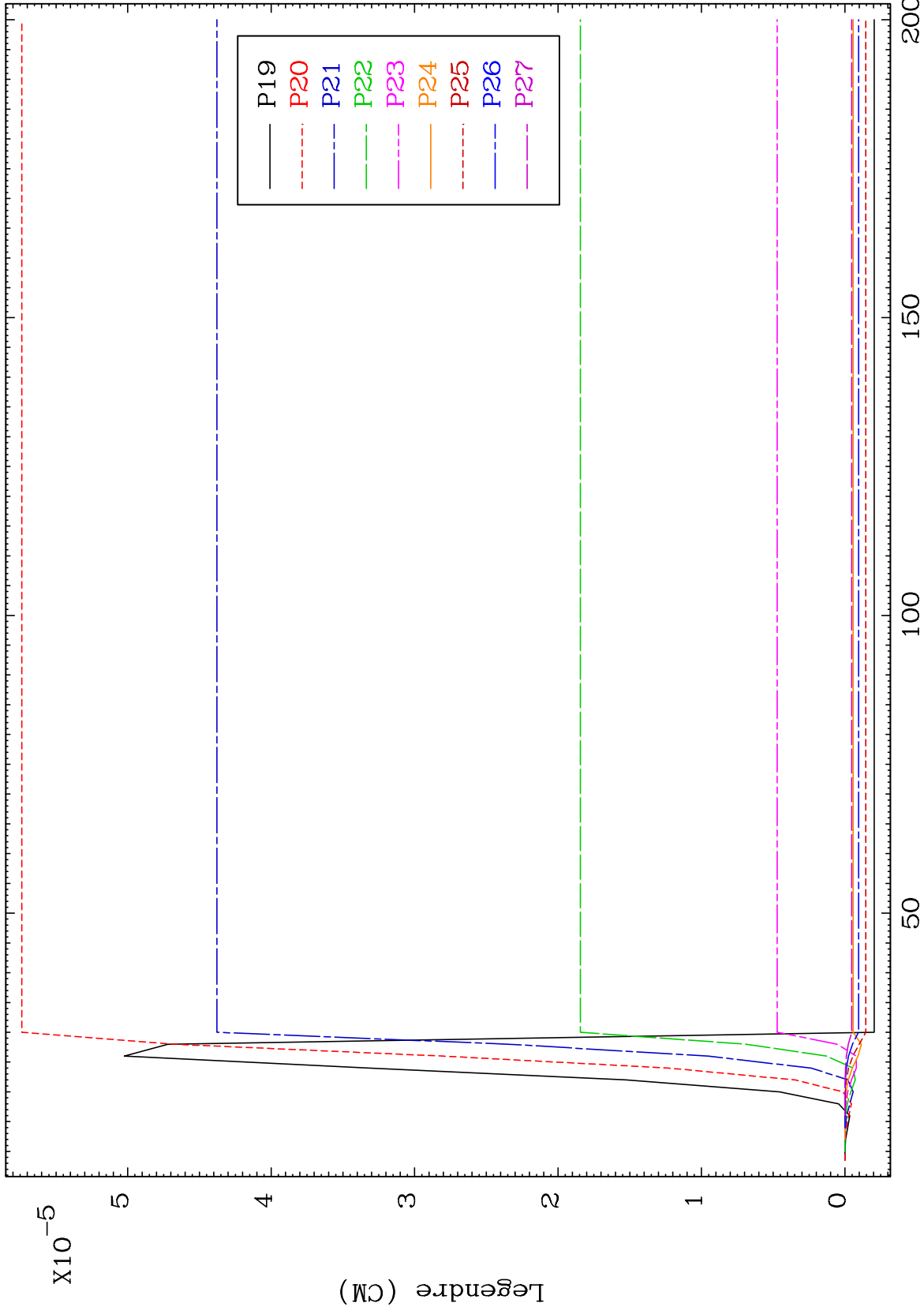
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



35

Incident Energy (MeV)

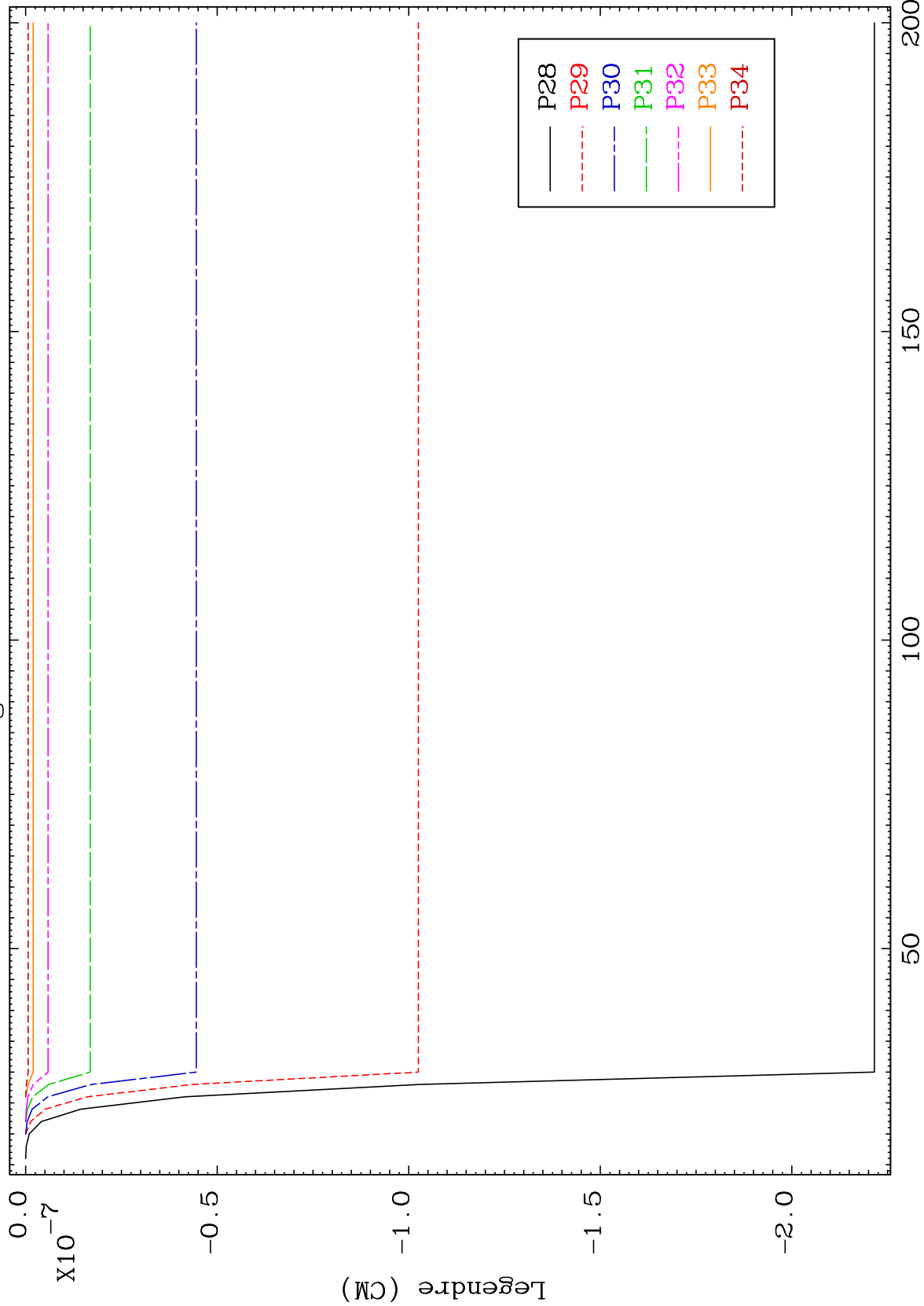
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MAT 6783

MT= 55 (n,n') Level

68-Er-148

Legendre Coefficients



36

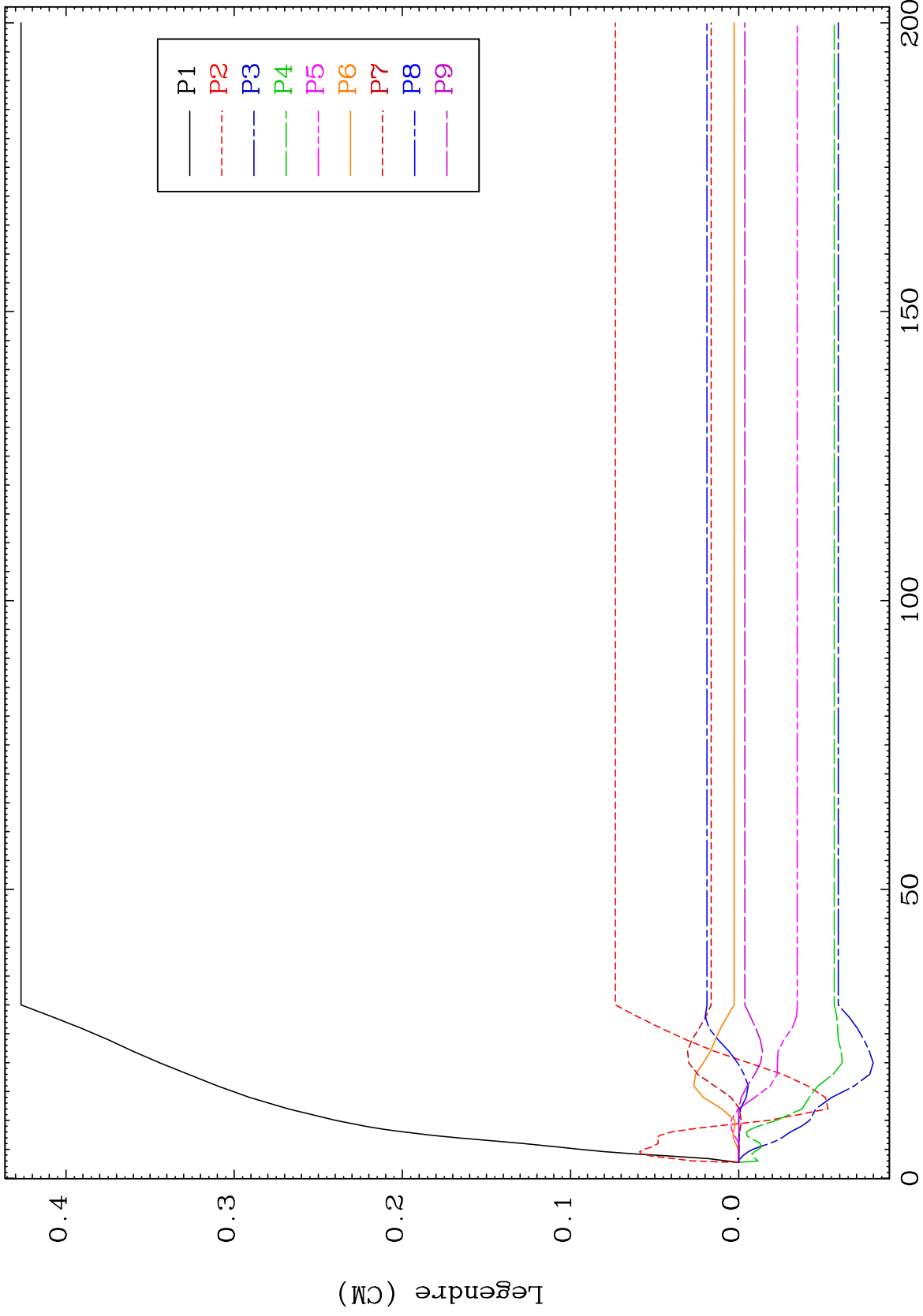
Incident Energy (MeV)

68-Er-148

MAT 6783

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

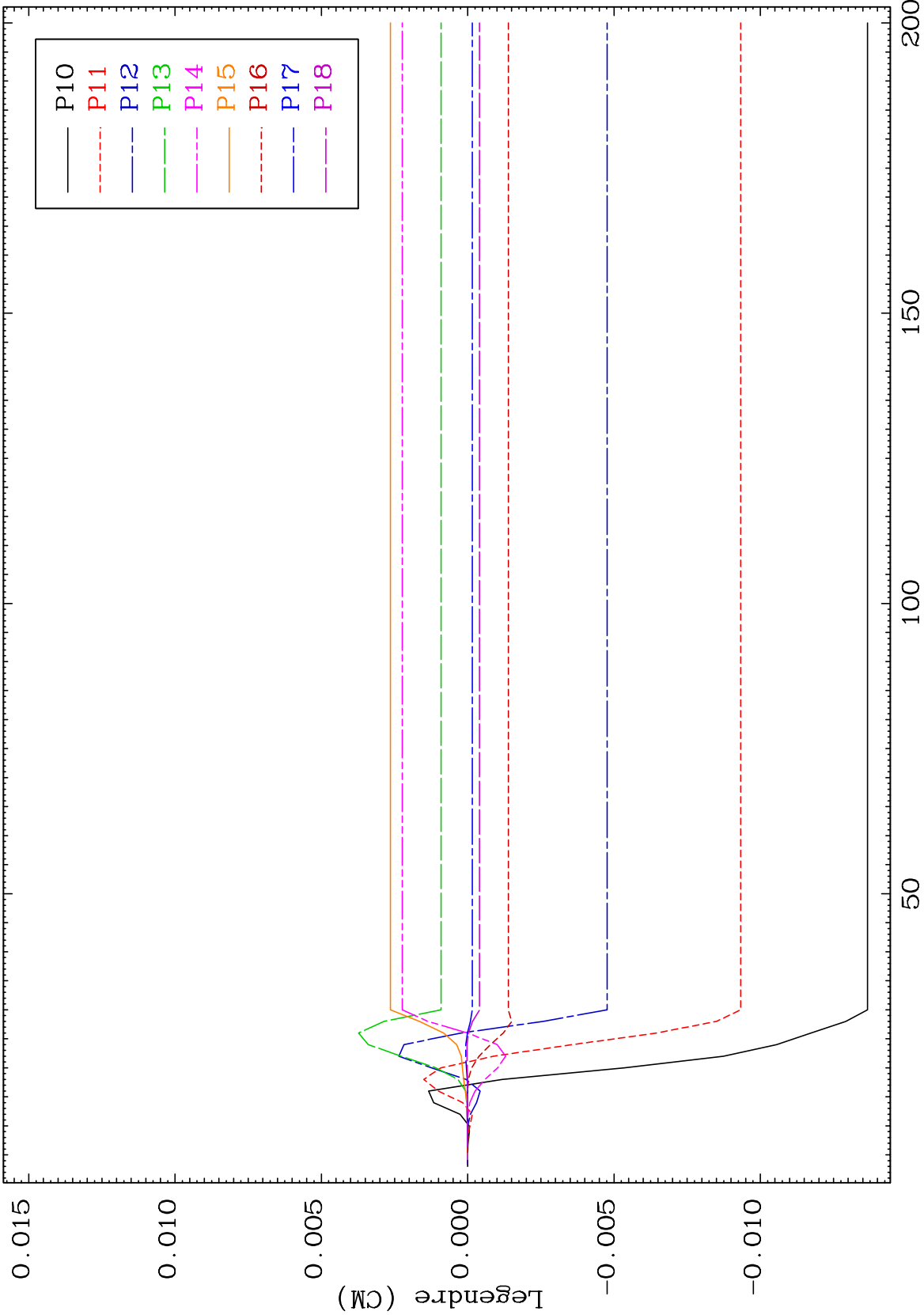
68-Er-148



37

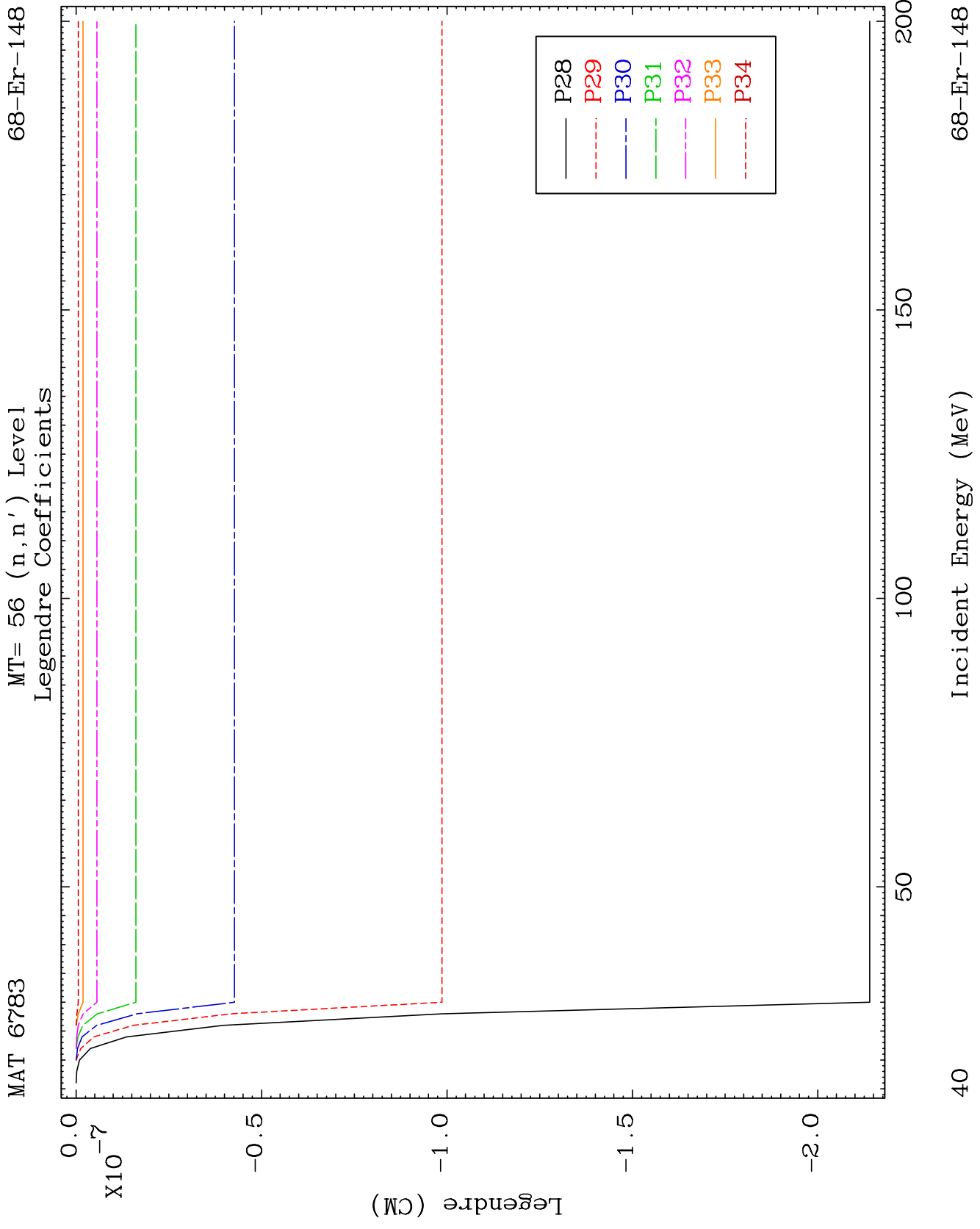
Incident Energy (MeV)

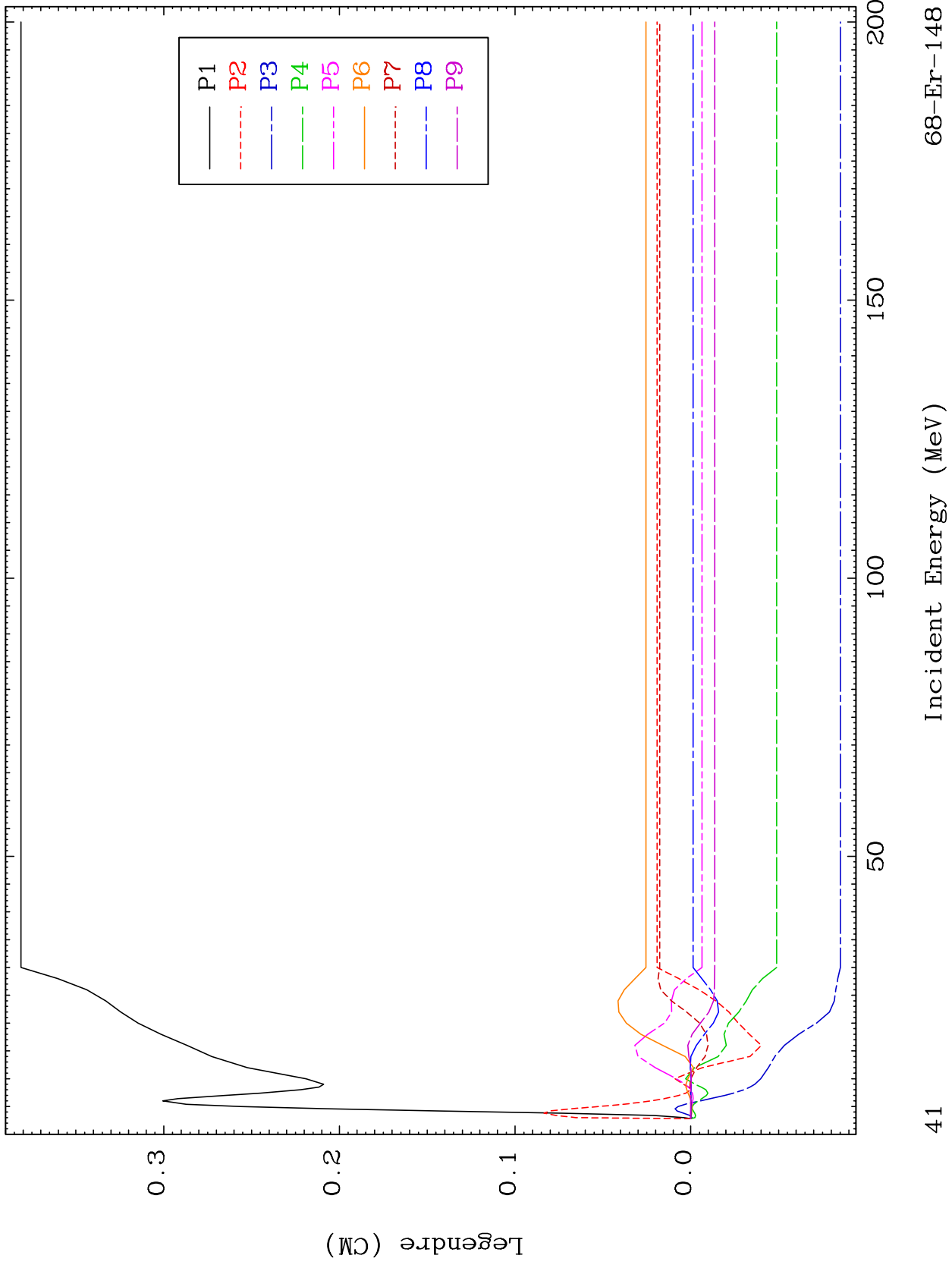
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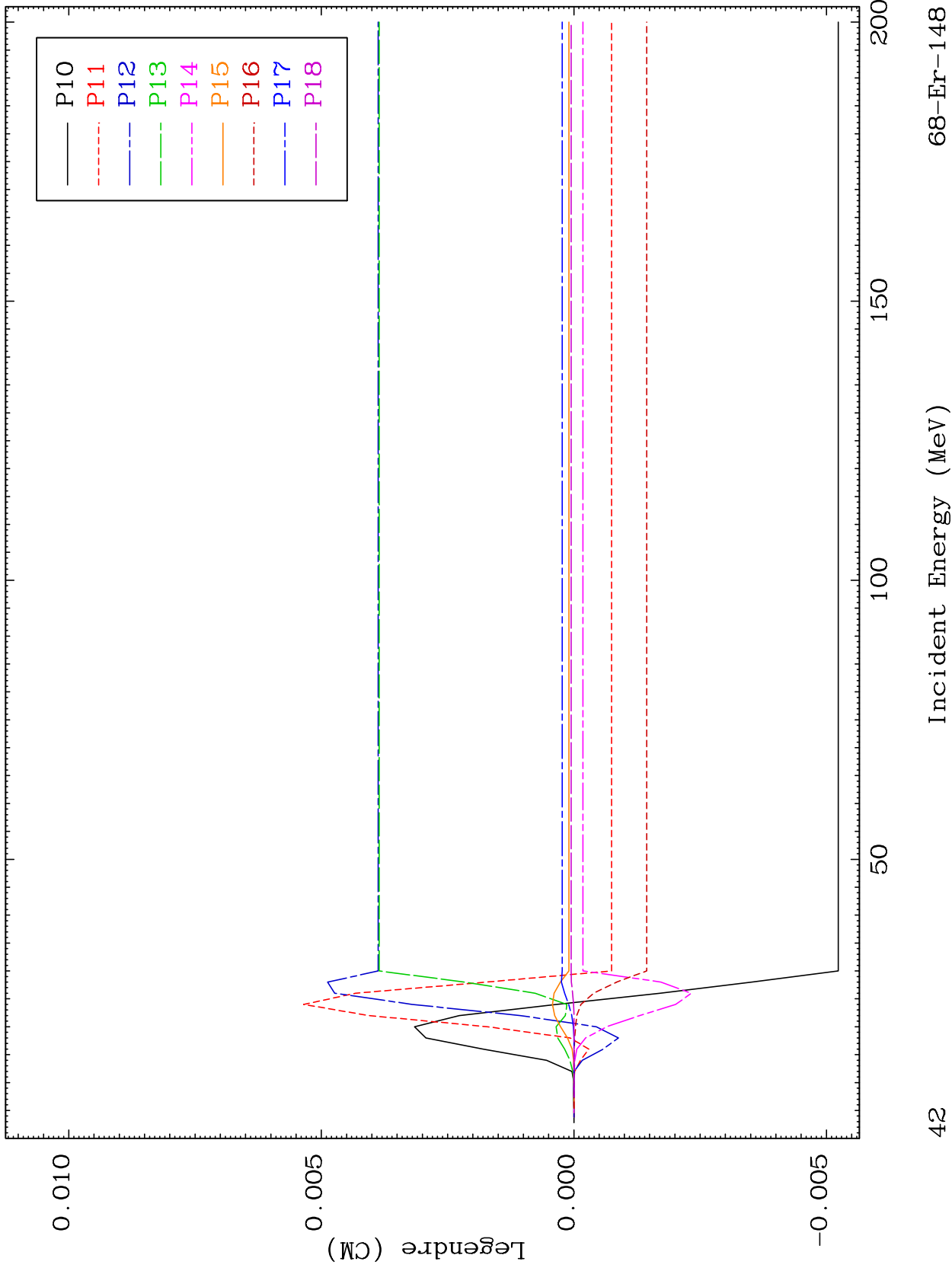




MAT 6783

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

68-Er-148



42

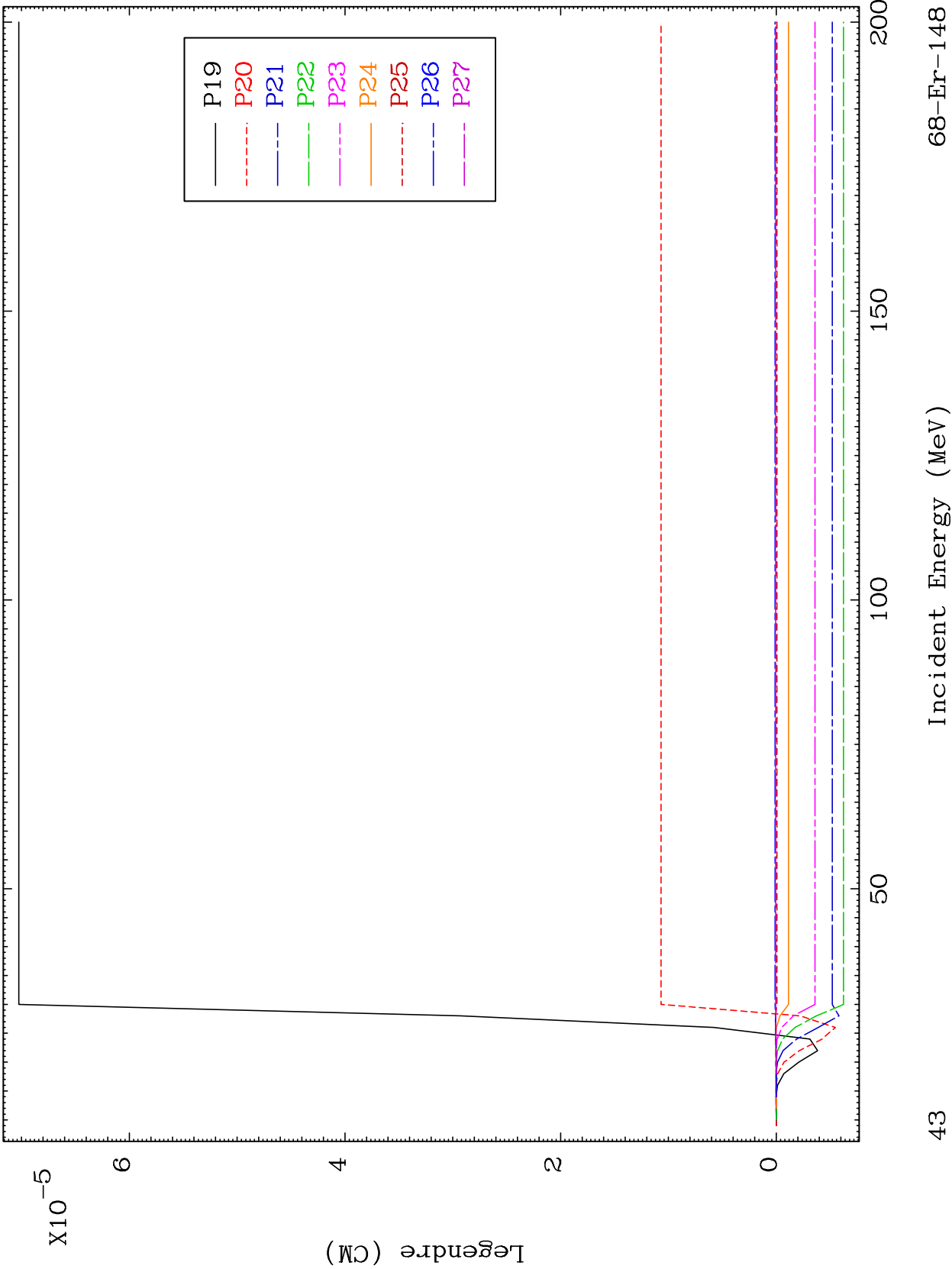
Incident Energy (MeV)

68-Er-148

MAT 6783

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

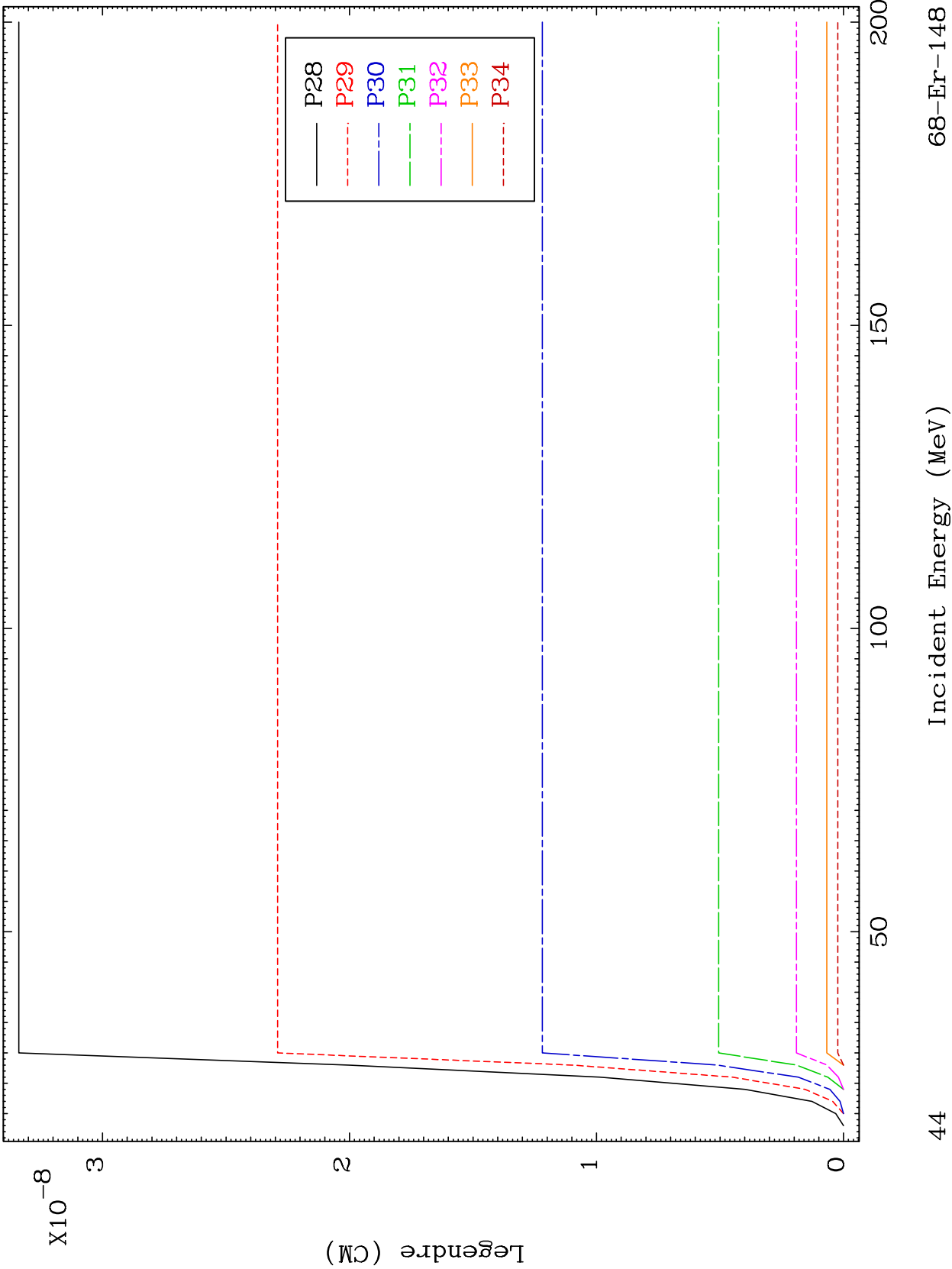
68-Er-148



MAT 6783

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

68-Er-148



44

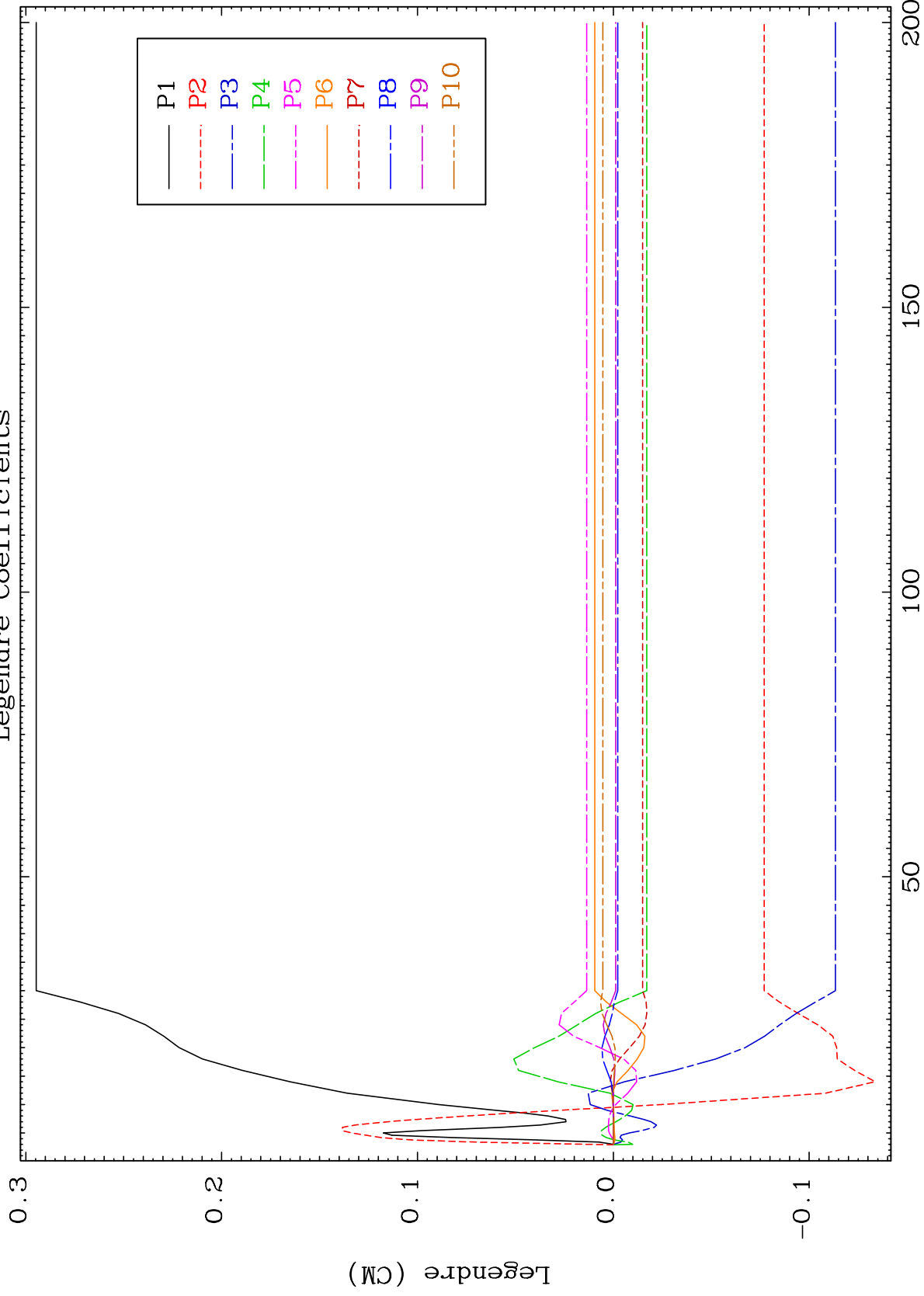
Incident Energy (MeV)

68-Er-148

MAT 6783

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

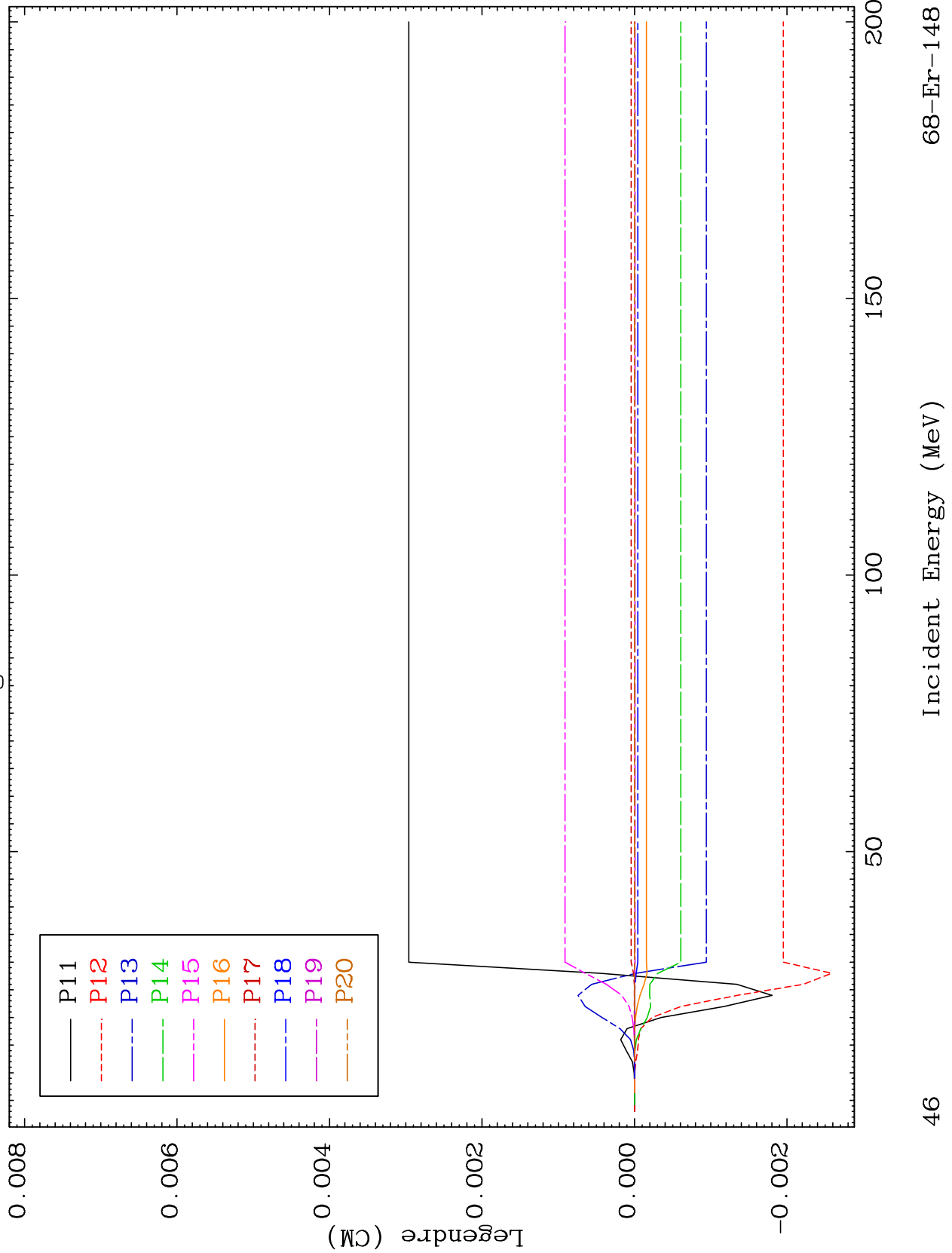
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45

Incident Energy (MeV)

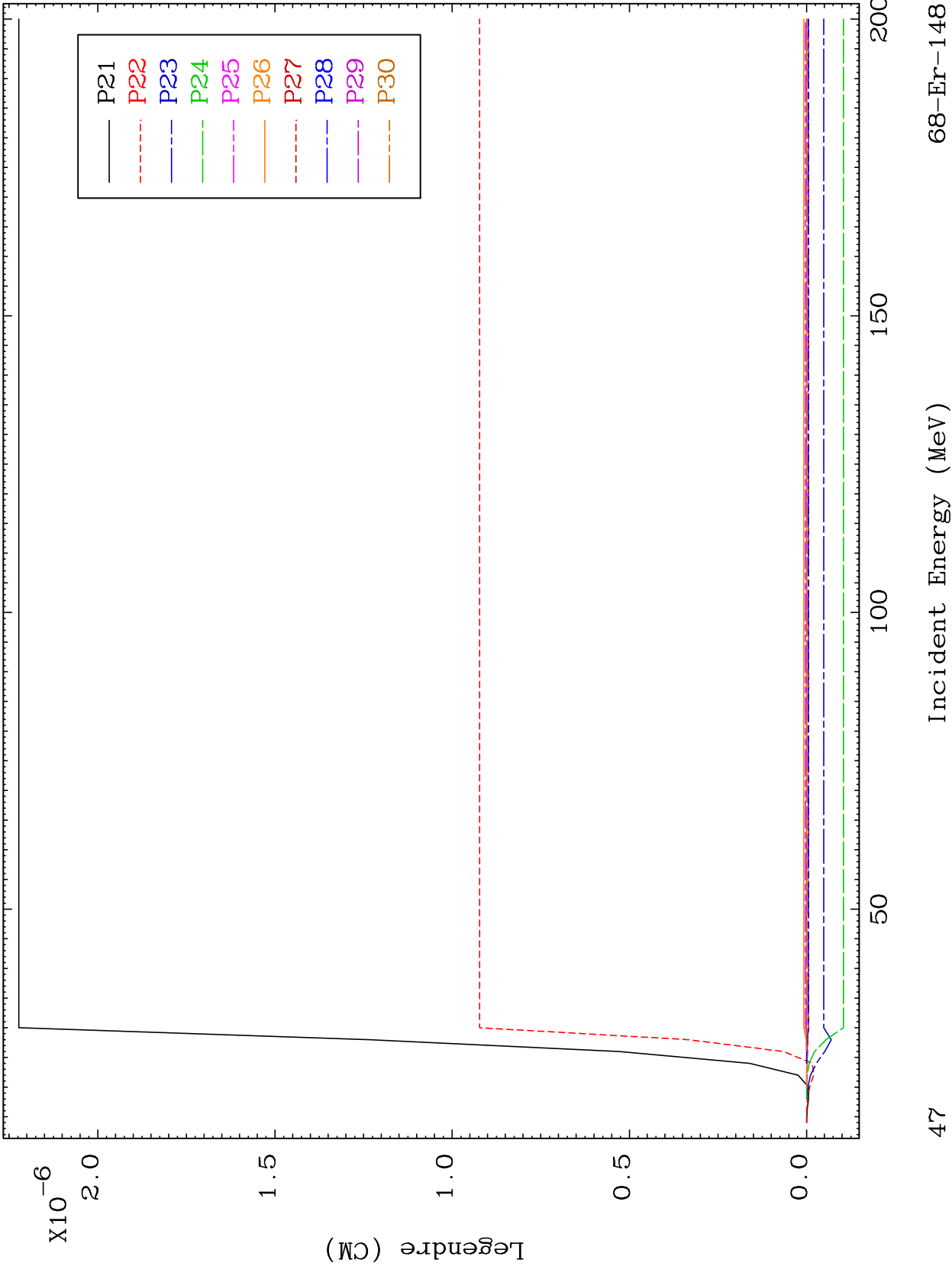
68-Er-148



MAT 6783

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

68-Er-148



47

Incident Energy (MeV)

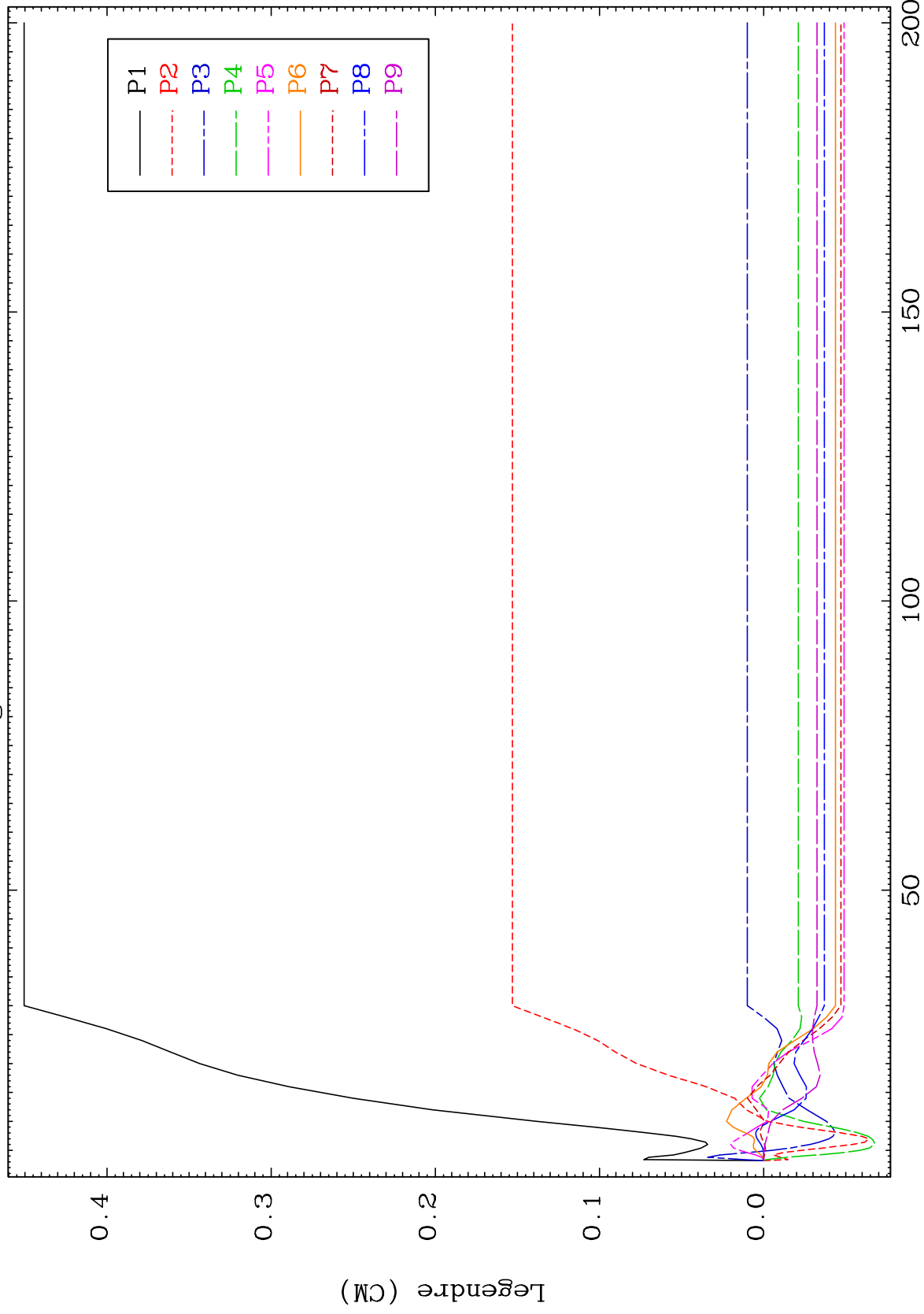
68-Er-148



MAT 6783

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

68-Er-148



48

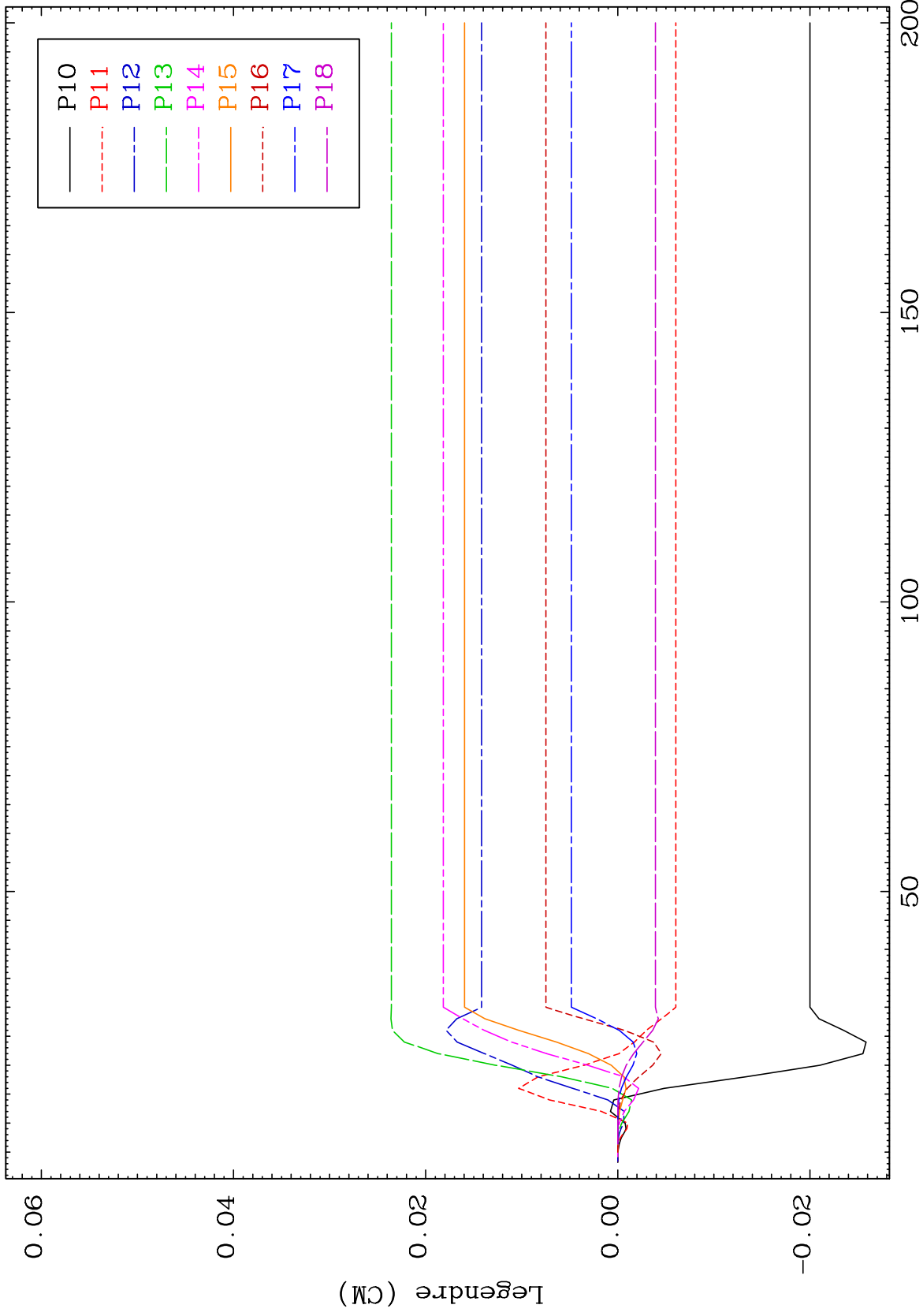
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



49

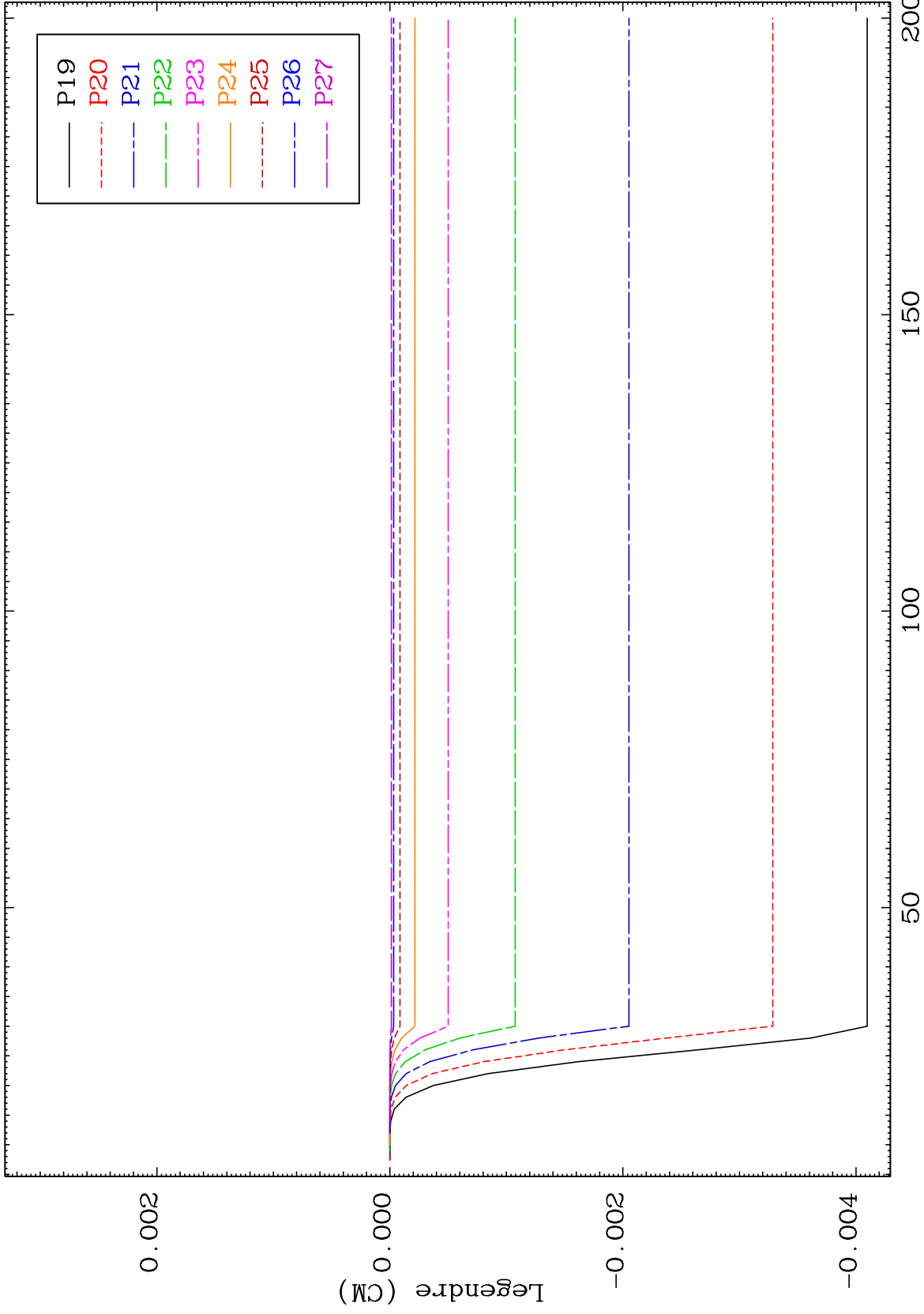
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



50

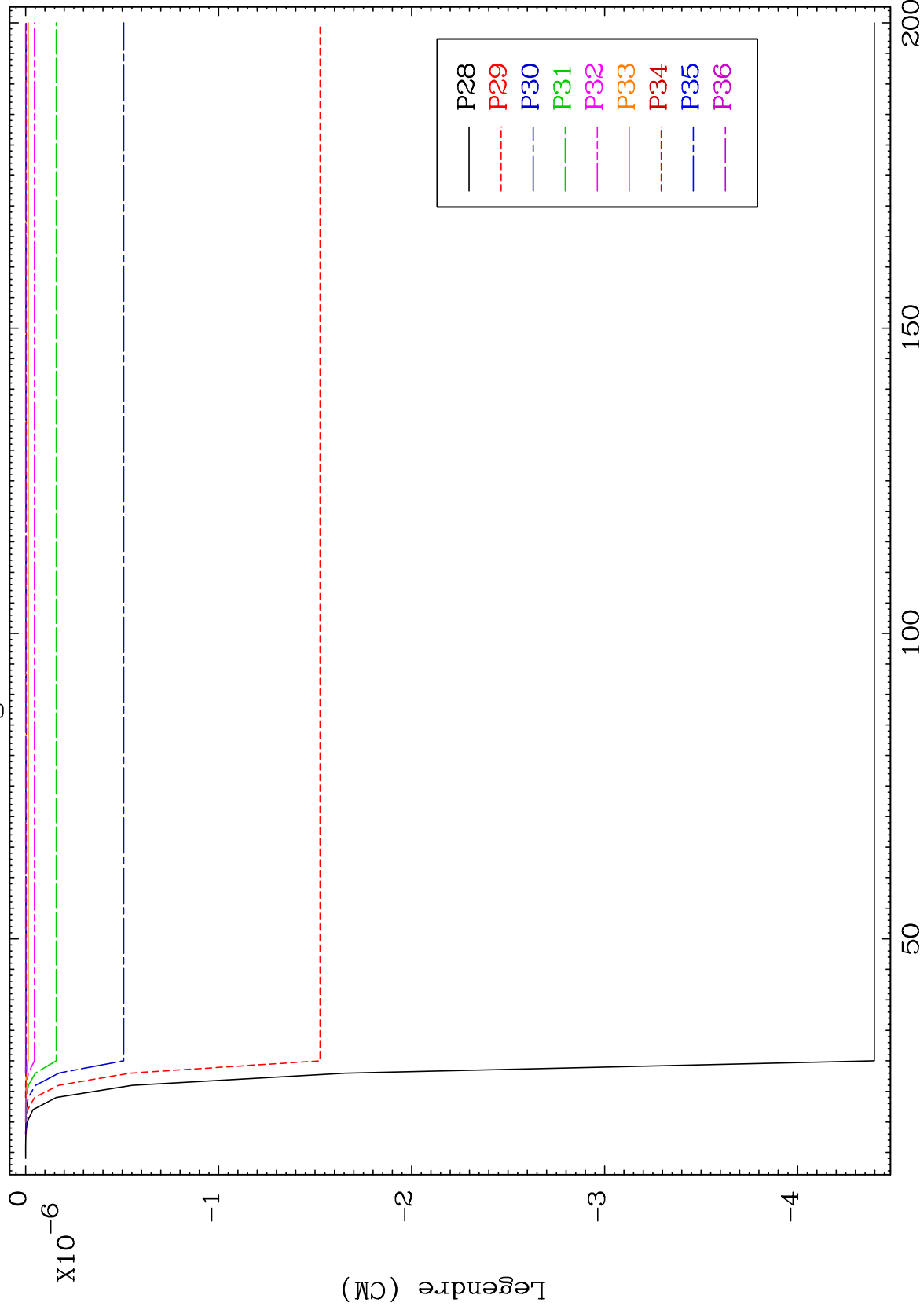
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



51

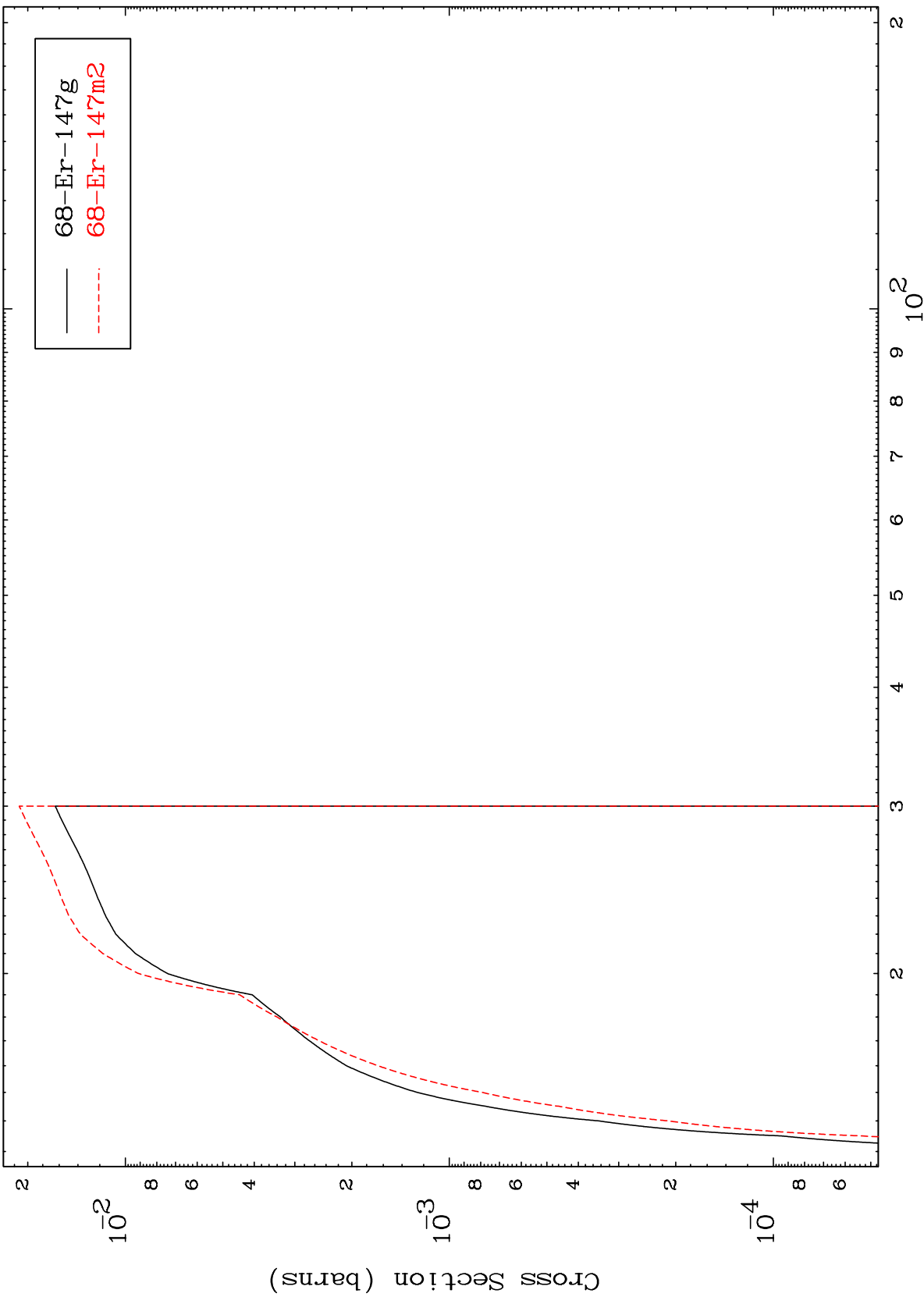
Incident Energy (MeV)

68-Er-148

MAT 6783

68-Er-148

(n,2n)  
Radionuclide Production Cross Section



68-Er-148

Incident Energy (MeV)

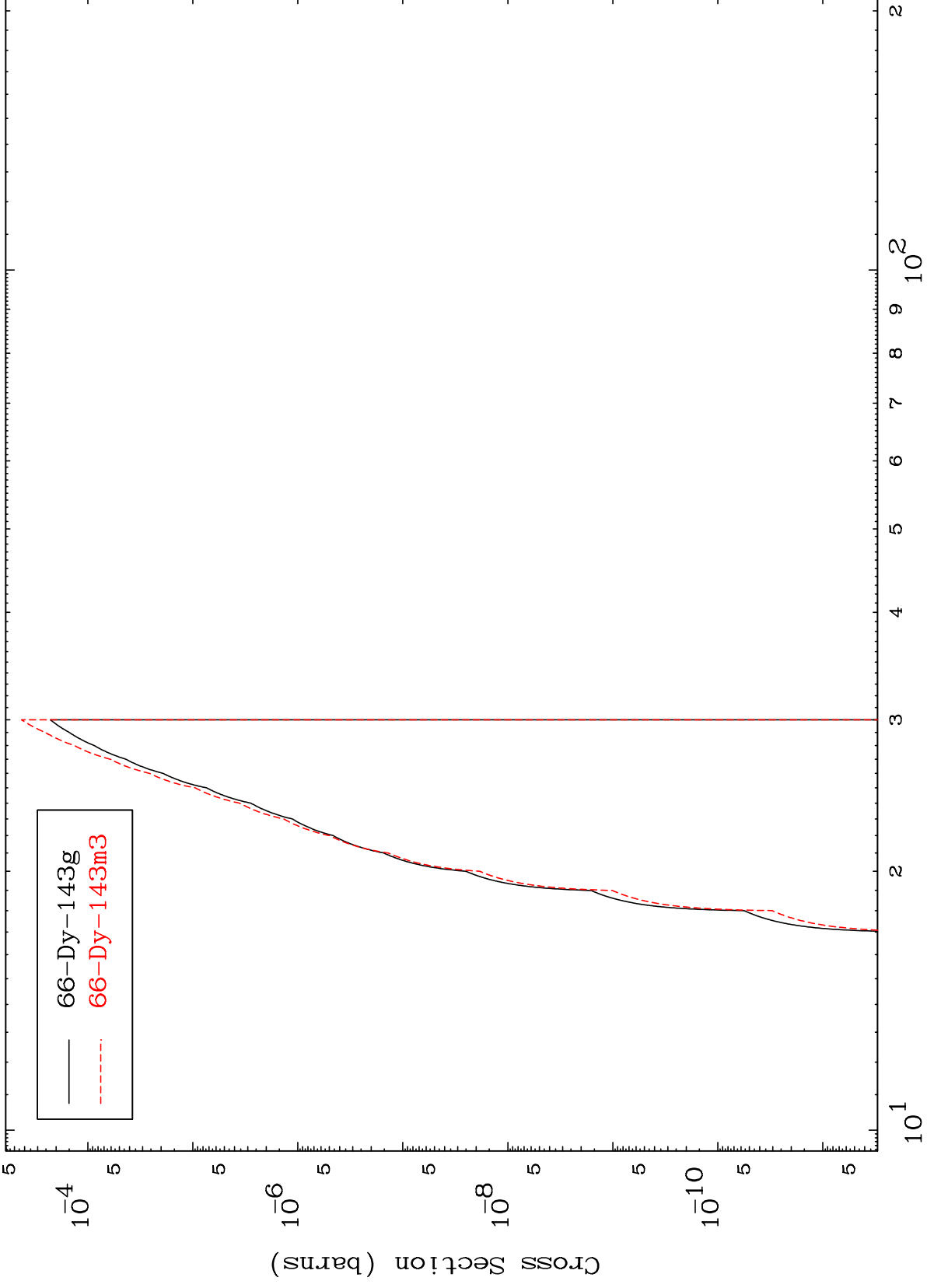
52

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(n,2n)  $\alpha$

68-Er-148

Radionuclide Production Cross Section



53

Incident Energy (MeV)

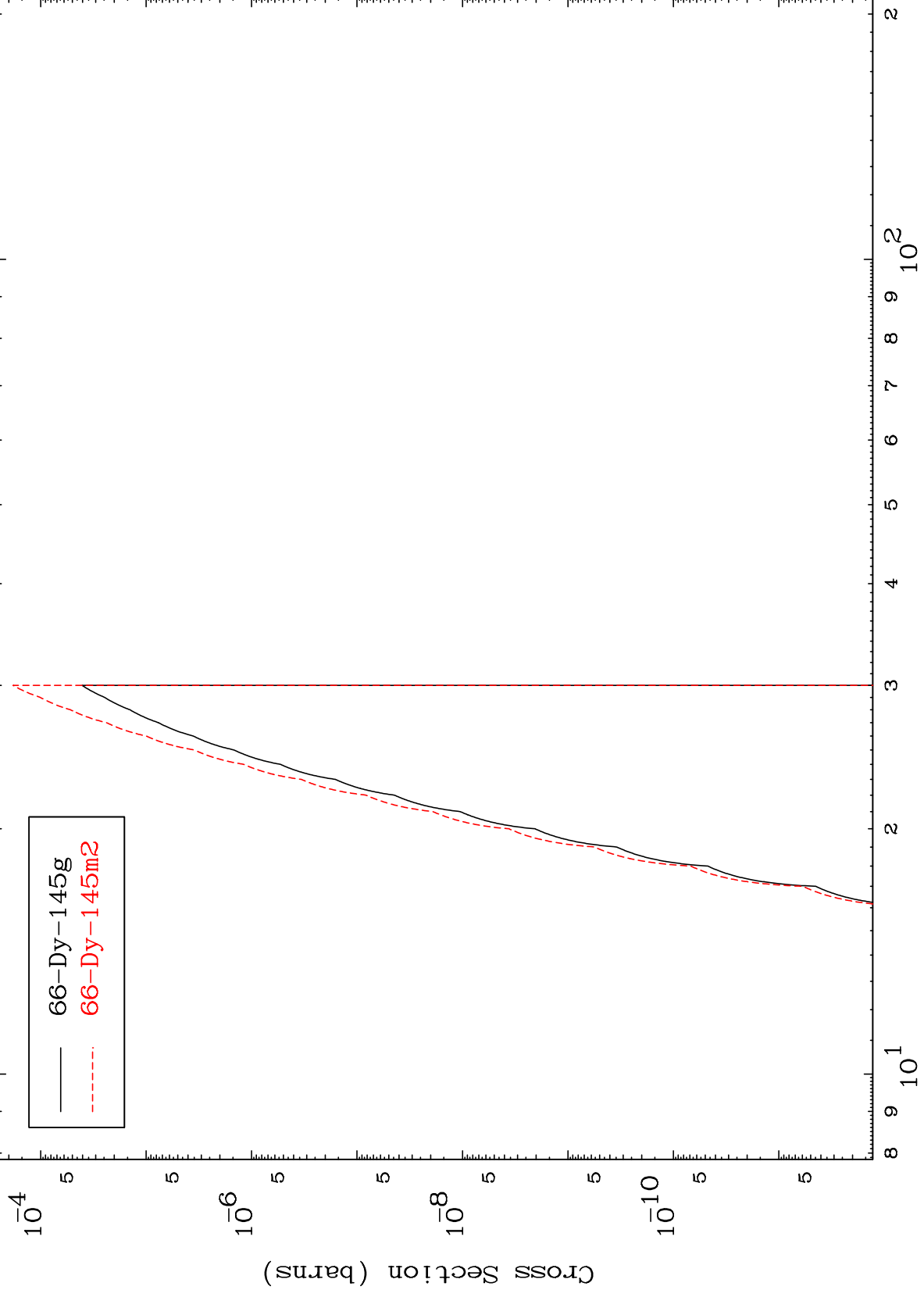
68-Er-148

MAT 6783

(n,n') He-3

68-Er-148

Radionuclide Production Cross Section



66-Dy-145g  
66-Dy-145m2

54

Incident Energy (MeV)

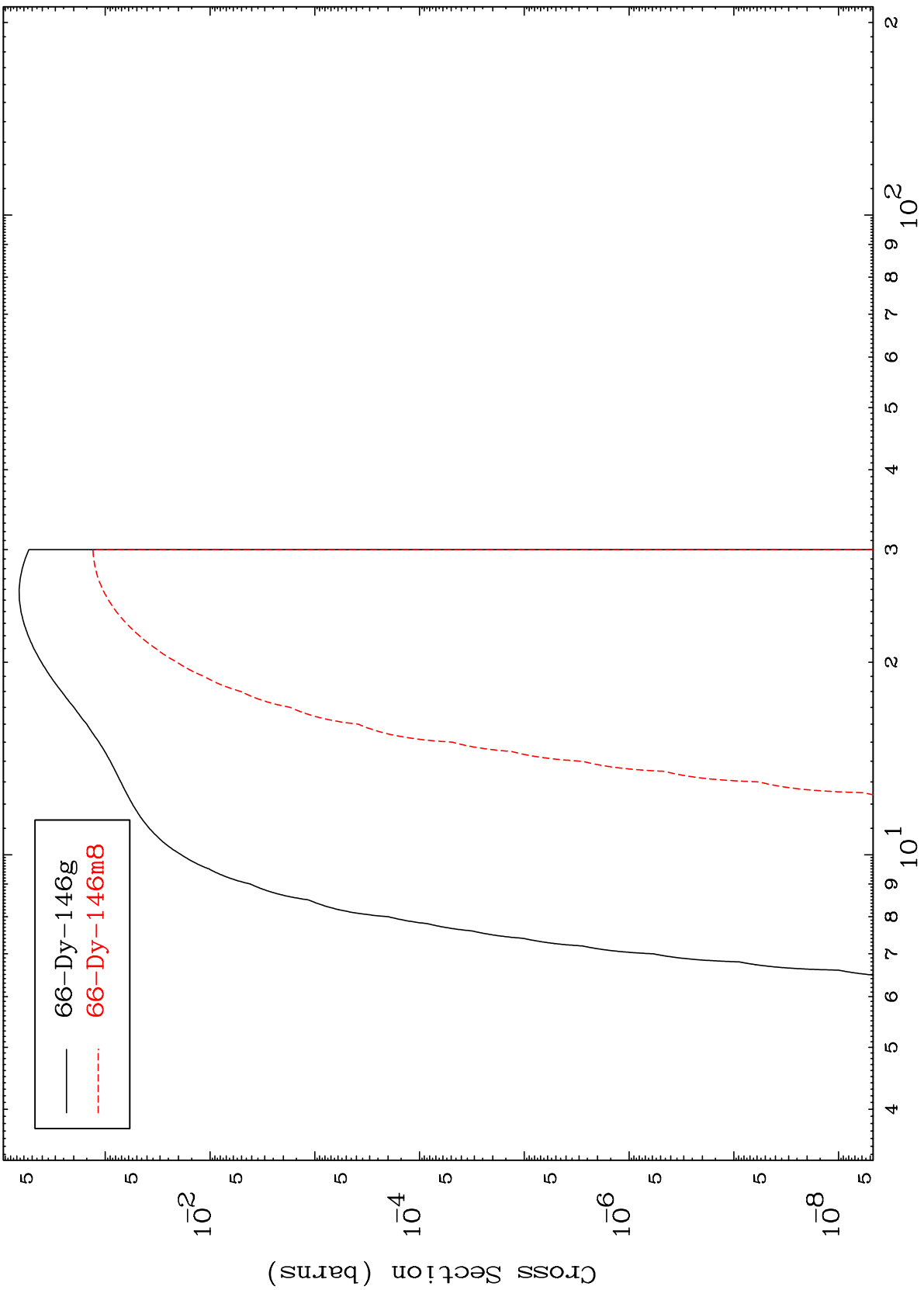
68-Er-148

MAT 6783

(n,2n) p

68-Er-148

Radionuclide Production Cross Section



55

Incident Energy (MeV)

68-Er-148

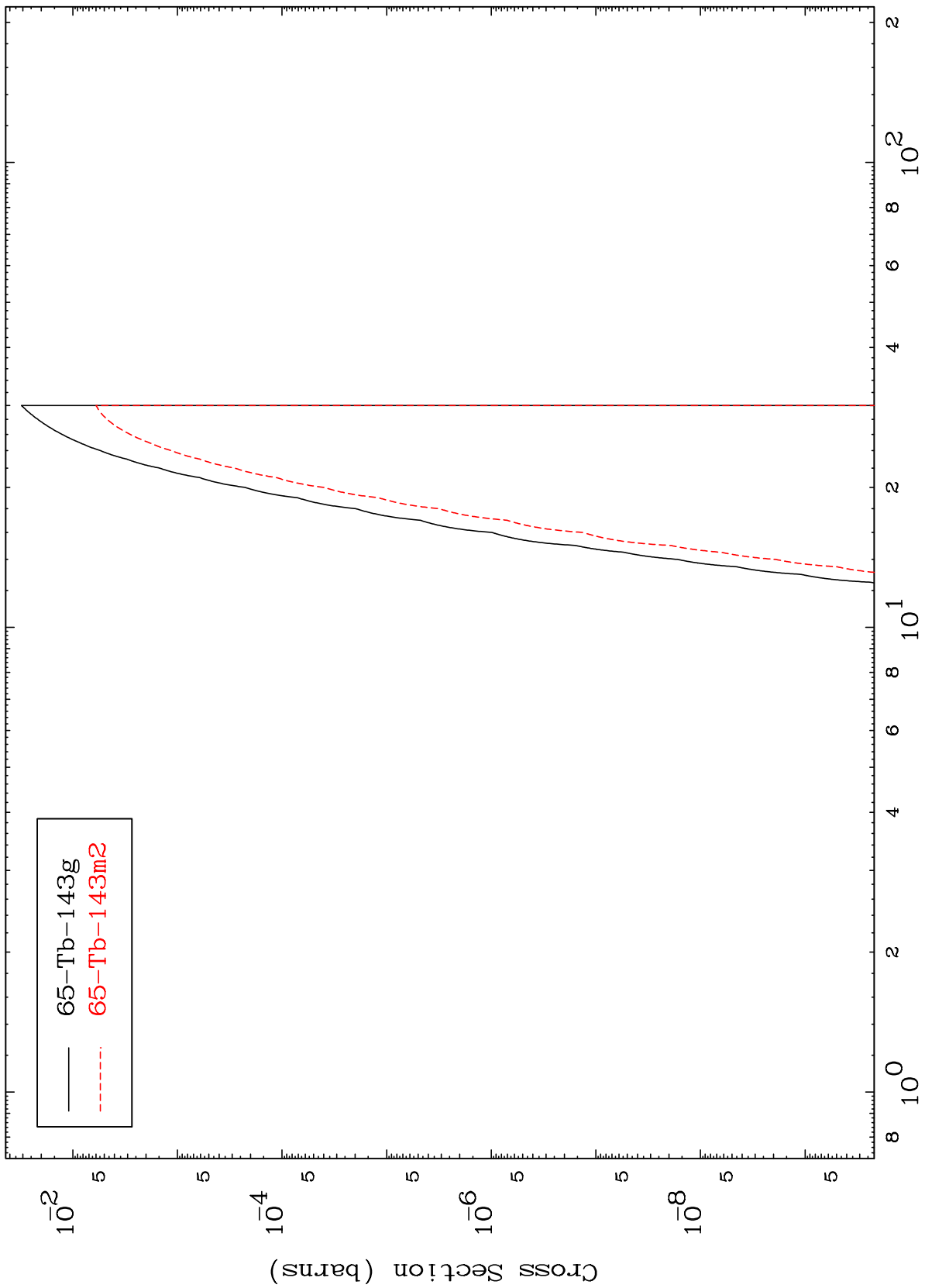


MAT 6783

(n,n') p  $\alpha$

68-Er-148

Radionuclide Production Cross Section



56

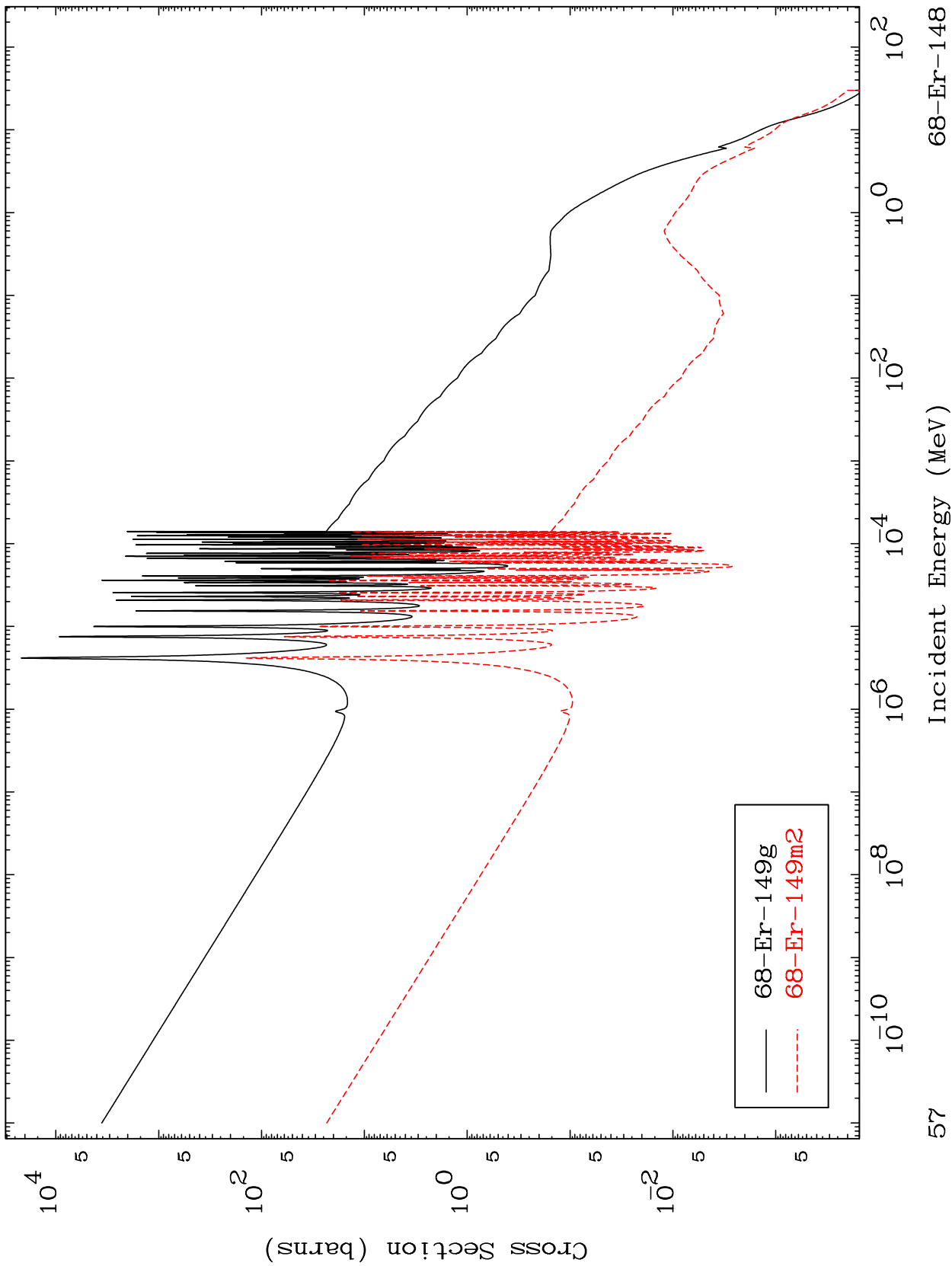
Incident Energy (MeV)

68-Er-148

MAT 6783

68-Er-148

(n,γ)  
Radionuclide Production Cross Section



68-Er-148

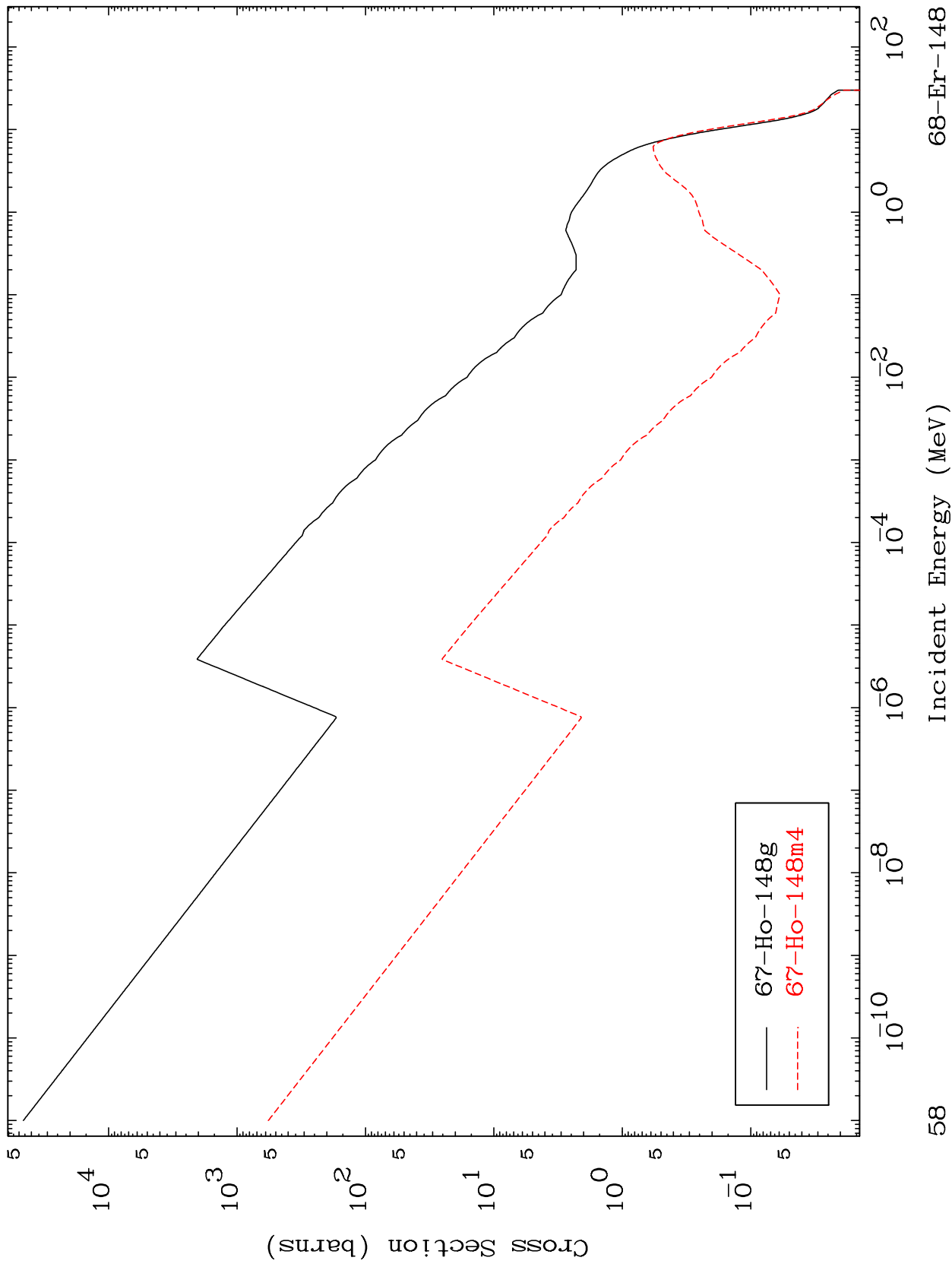
Incident Energy (MeV)

57

MAT 6783

68-Er-148

Radionuclide Production Cross Section

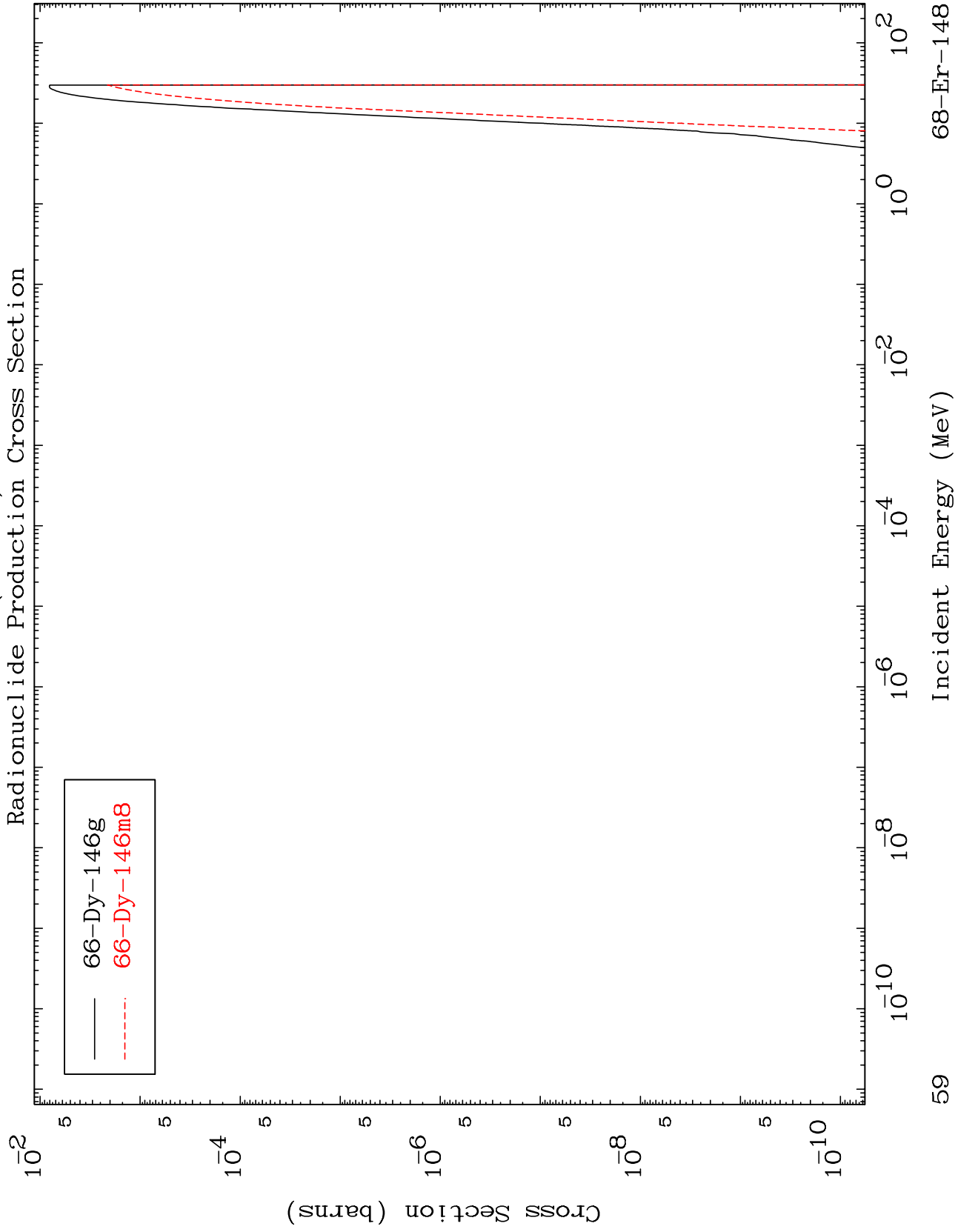


58

MAT 6783

(n,He-3)

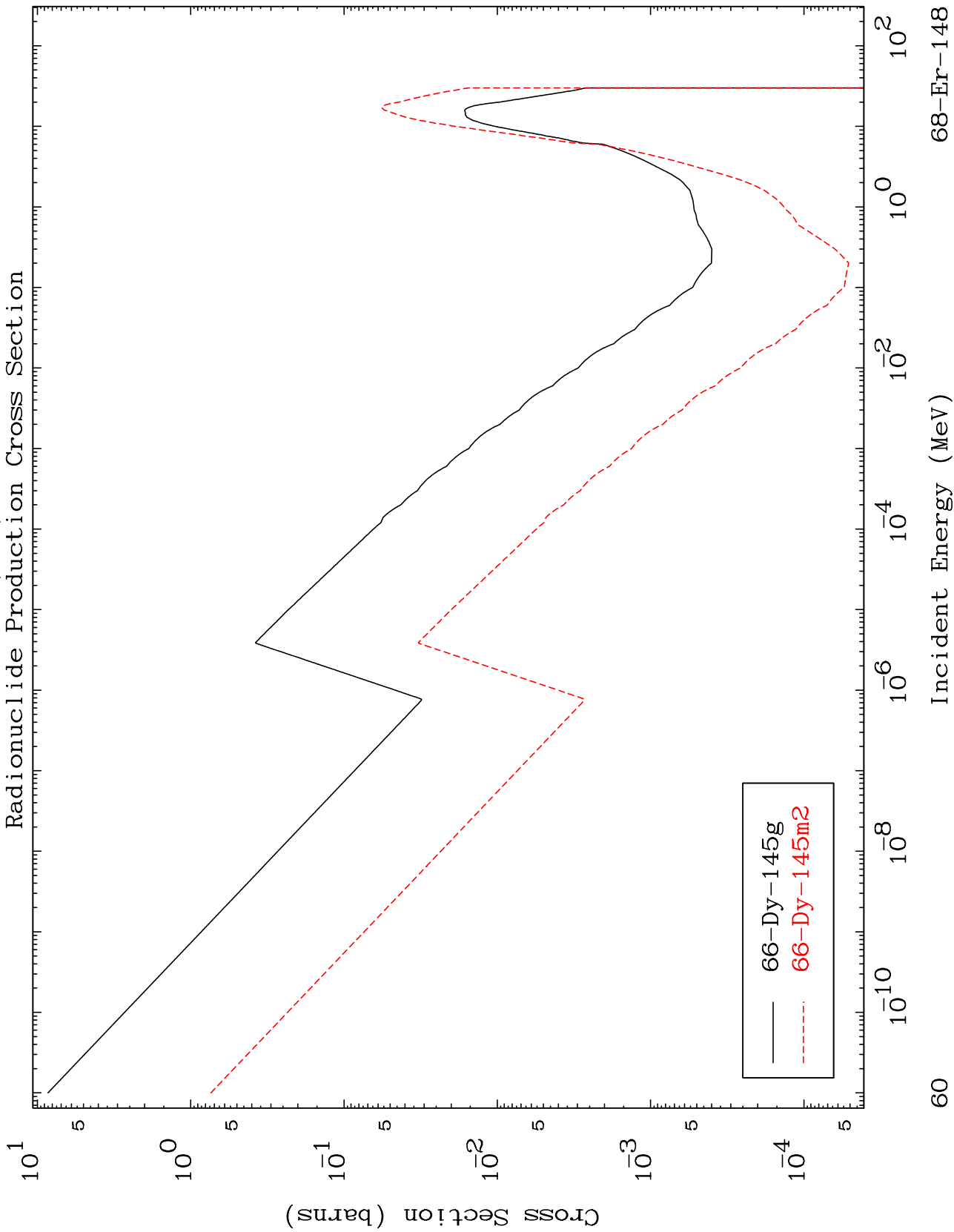
68-Er-148



MAT 6783

68-Er-148

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

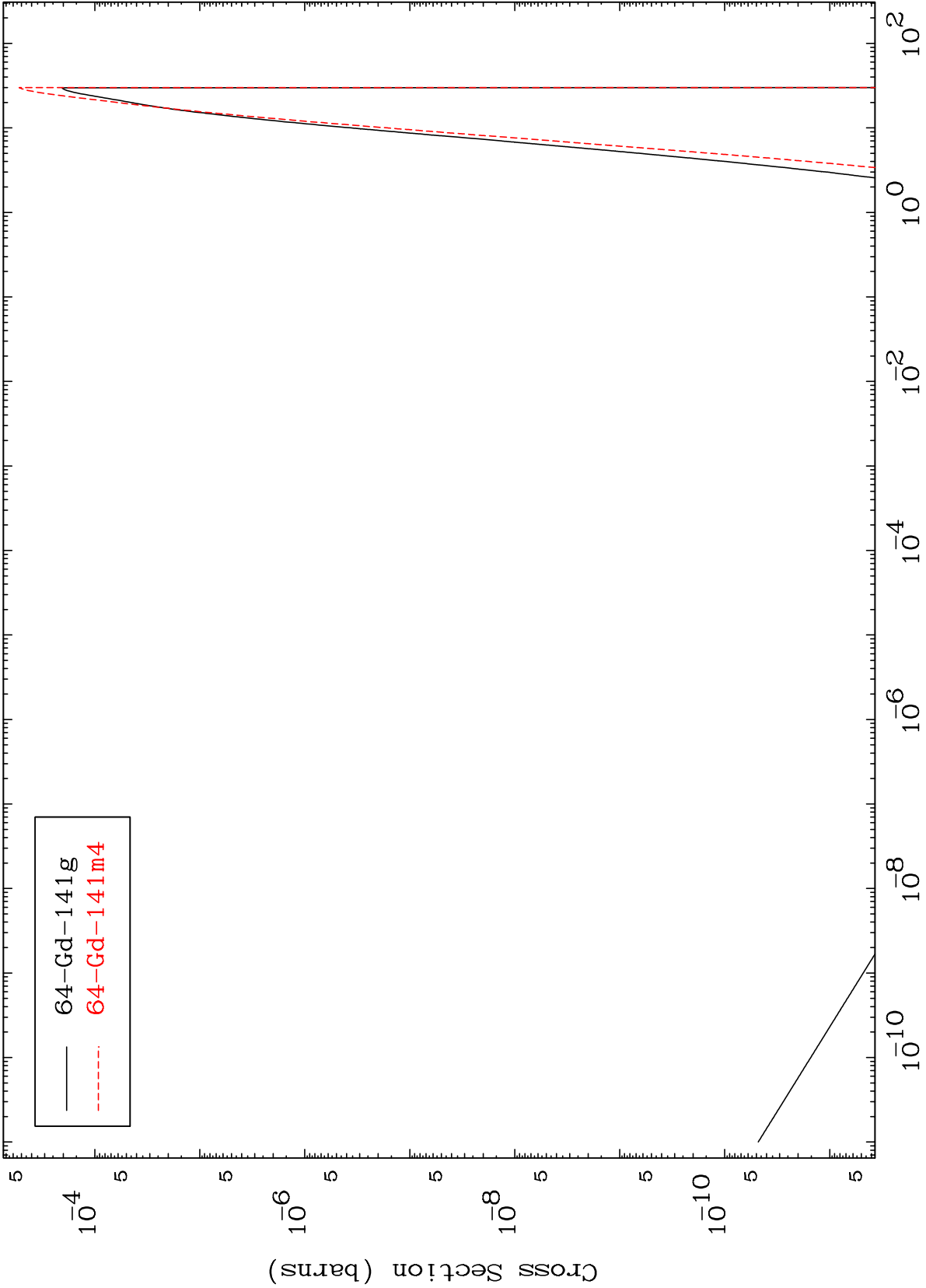


MAT 6783

(n,2α)

68-Er-148

Radionuclide Production Cross Section



64-Gd-141g  
64-Gd-141m4

61

Incident Energy (MeV)

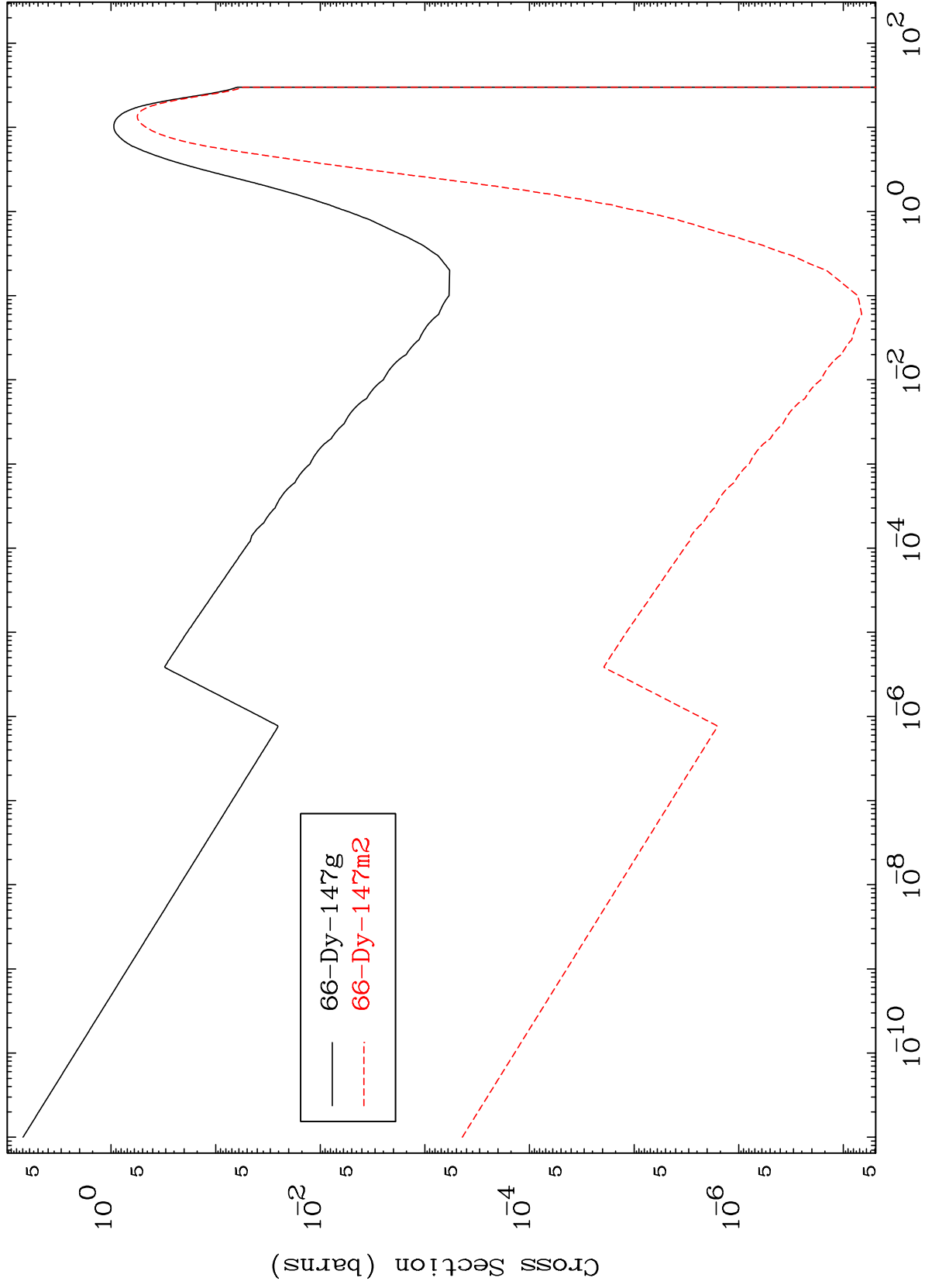
68-Er-148

MAT 6783

(n,2p)

68-Er-148

Radionuclide Production Cross Section



62

Incident Energy (MeV)

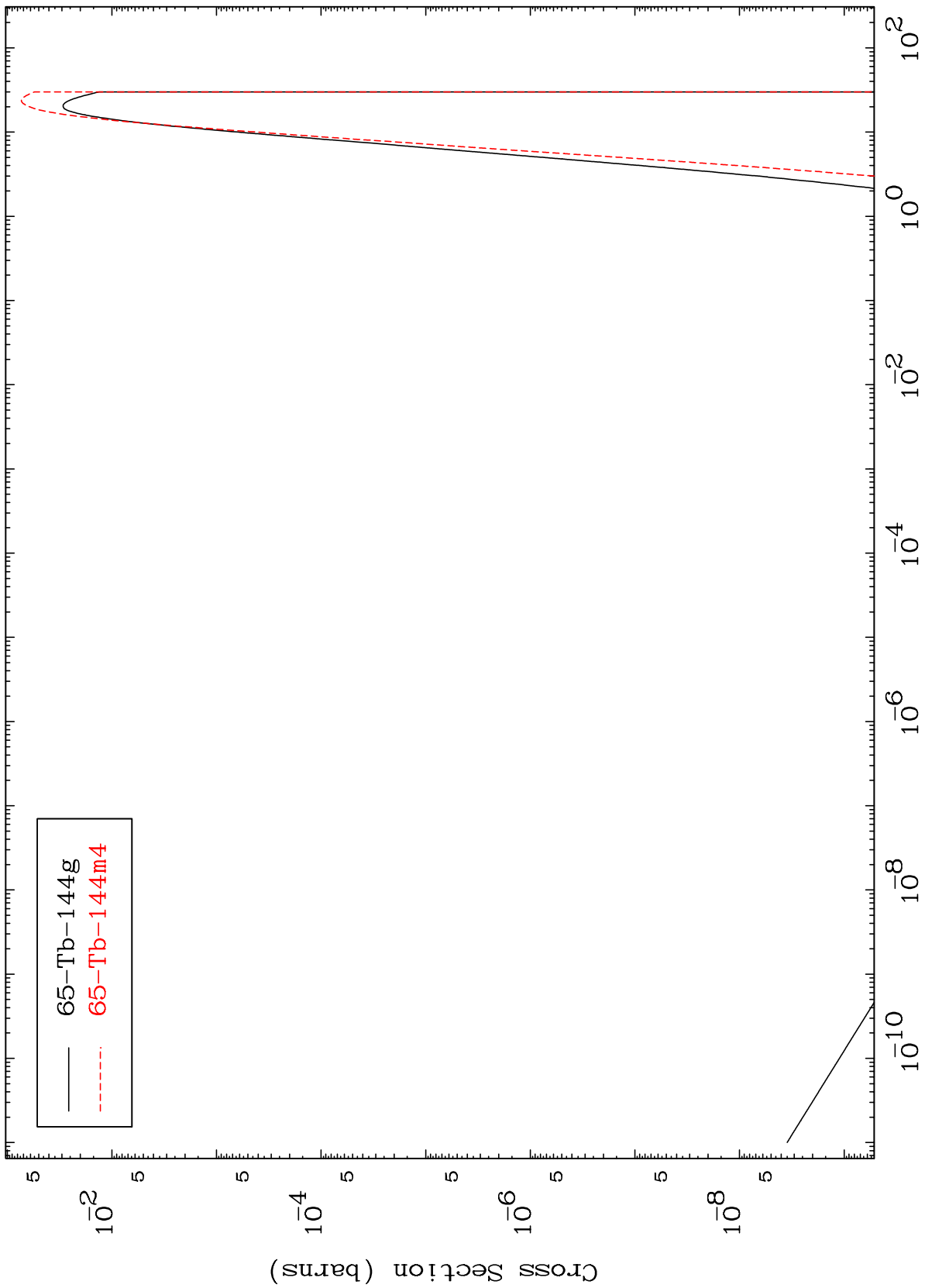
68-Er-148

MAT 6783

(n,p)  $\alpha$

68-Er-148

Radionuclide Production Cross Section



63

Incident Energy (MeV)

68-Er-148

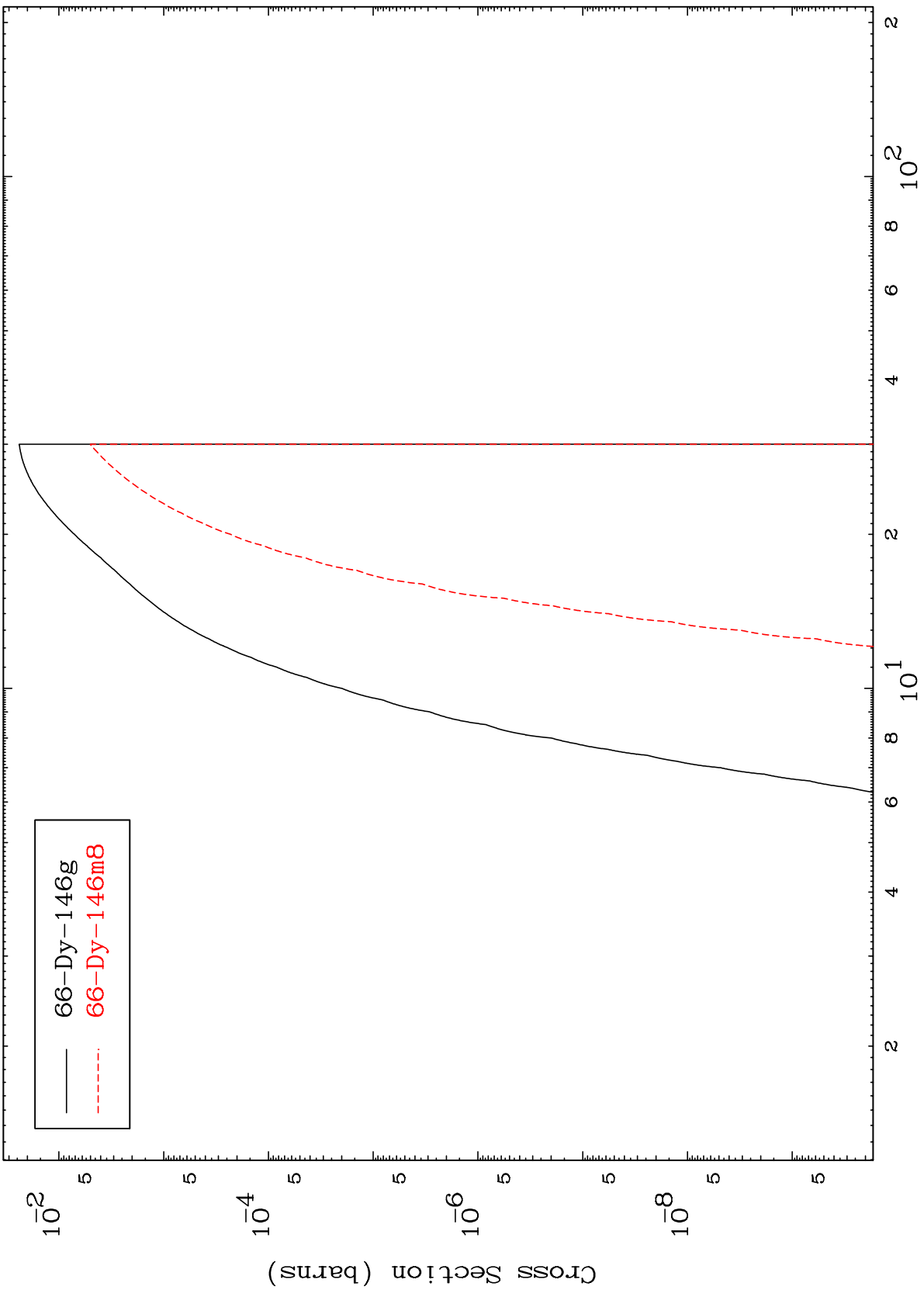


MAT 6783

(n,p) d

68-Er-148

Radionuclide Production Cross Section



66-Dy-146g  
66-Dy-146m8

64

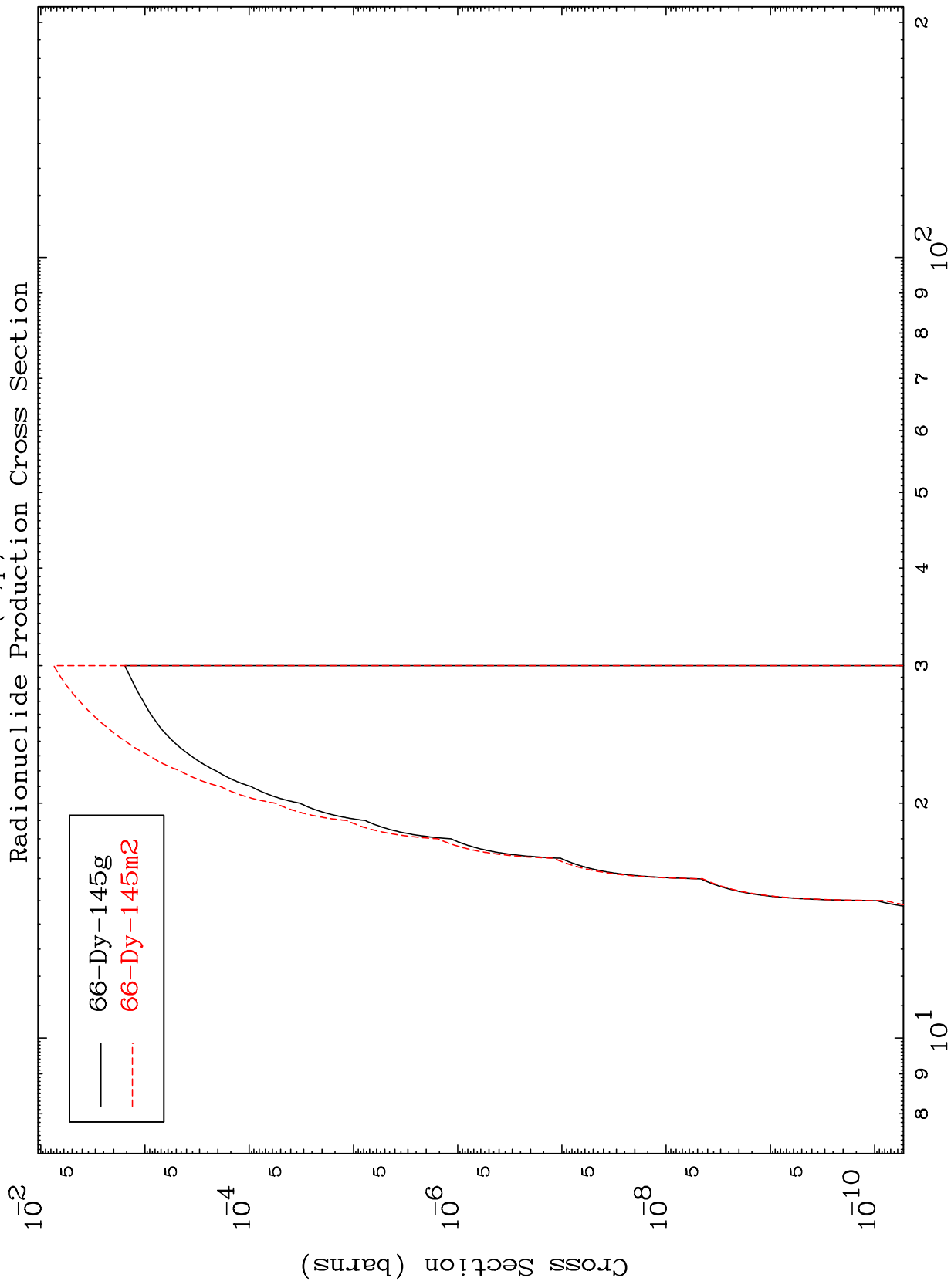
Incident Energy (MeV)

68-Er-148

MAT 6783

(n,p) t

68-Er-148



65

Incident Energy (MeV)

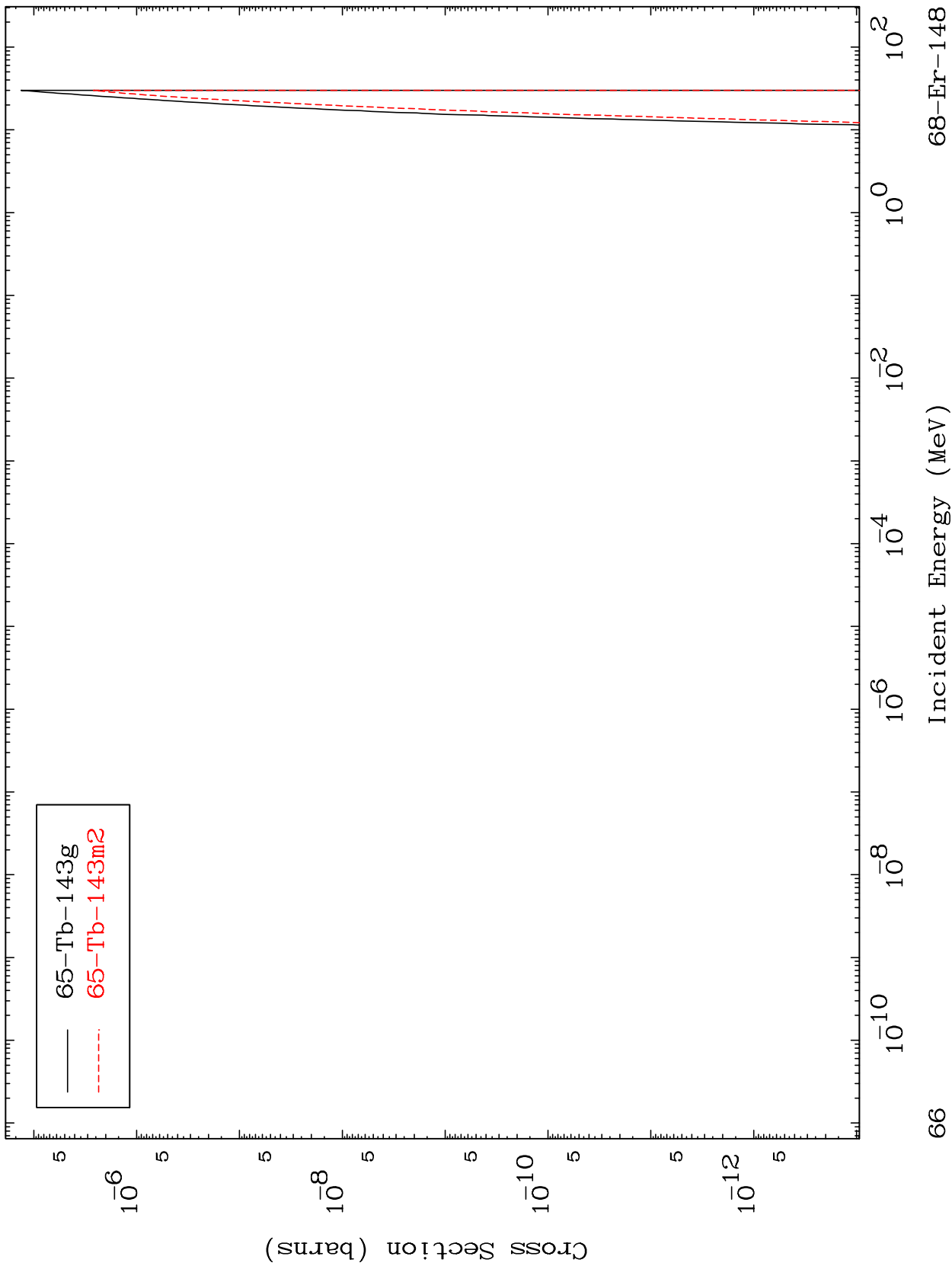
68-Er-148

MAT 6783

(n,d)  $\alpha$

68-Er-148

Radionuclide Production Cross Section



66