

Program EVALPLOT
(Version 2018-1)

by

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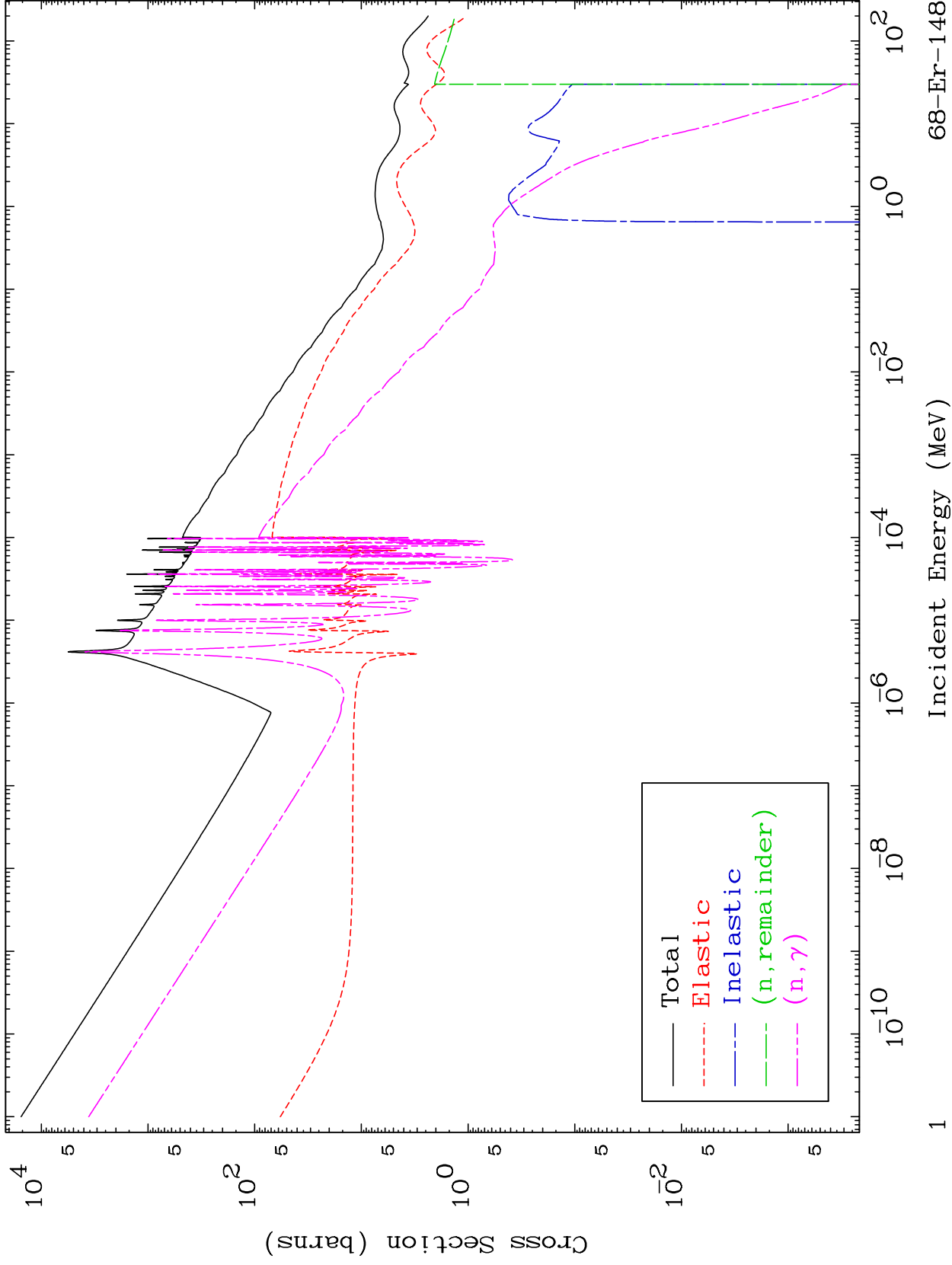
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Press Mouse Button to Start

MAT 6783

Major
293 Kelvin Cross Sections

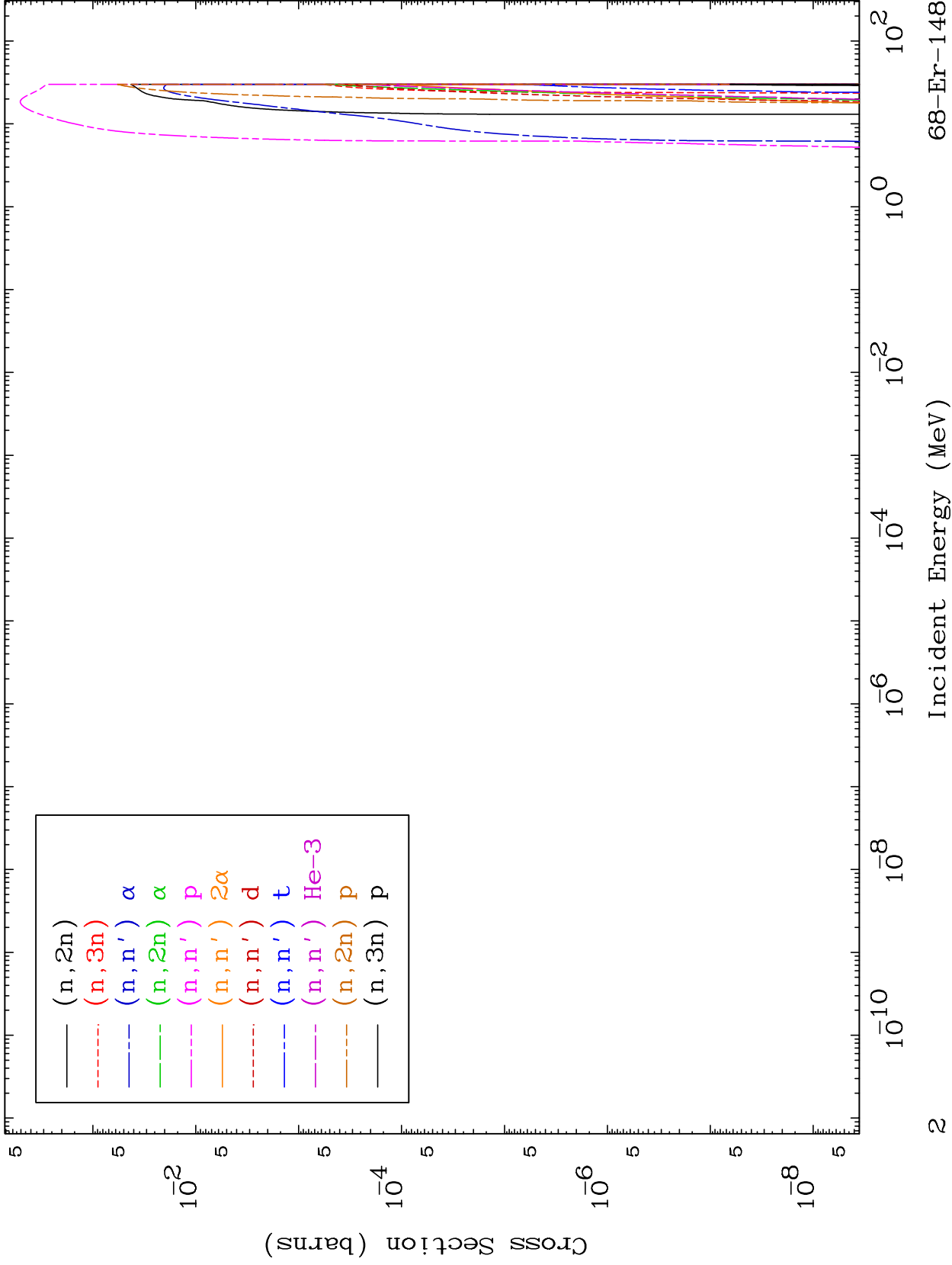
68-Er-148



MAT 6783

Neutron Production
293 Kelvin Cross Sections

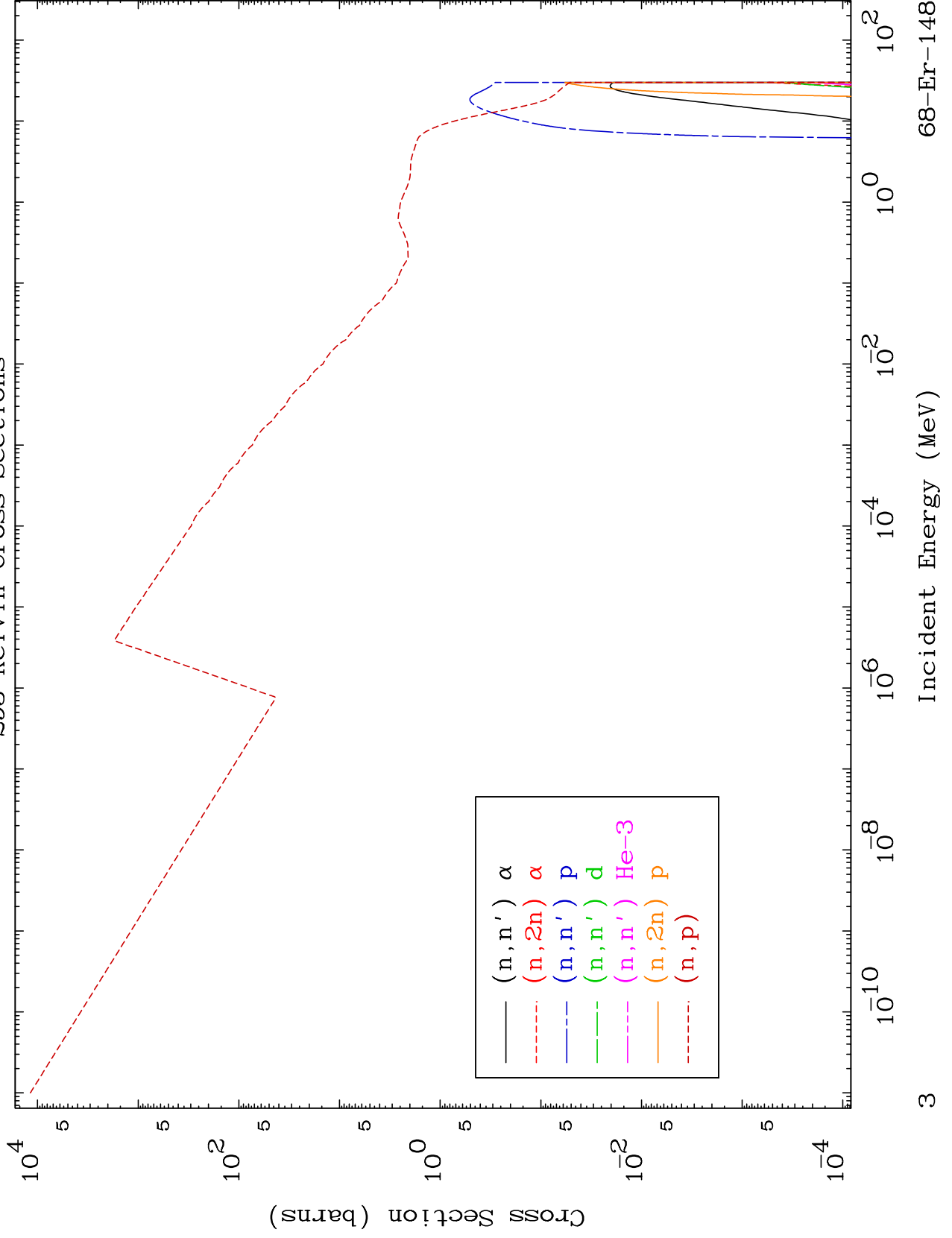
68-Er-148



MAT 6783

Charged Particle
293 Kelvin Cross Sections

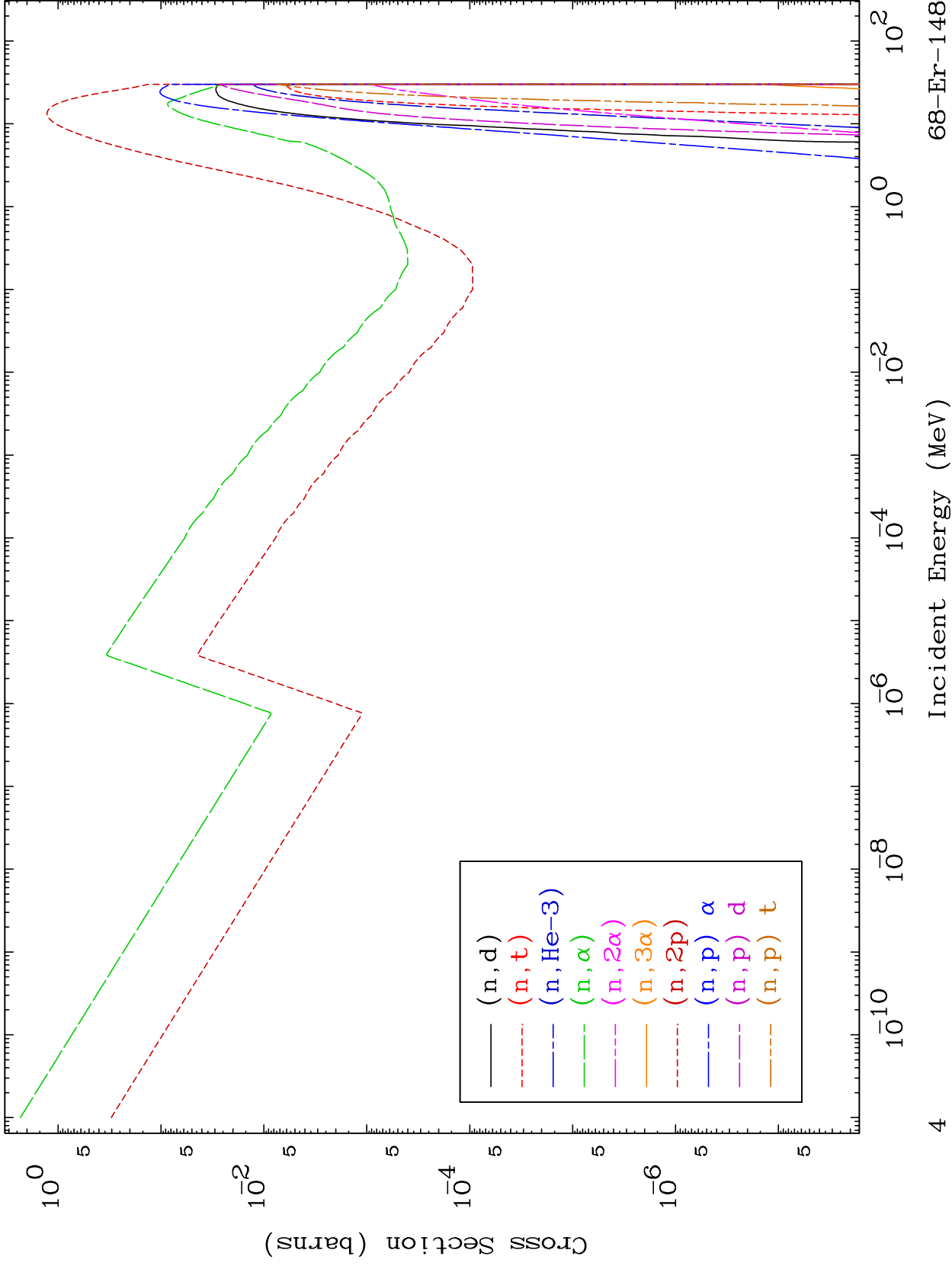
68-Er-148



MAT 6783

Charged Particle
293 Kelvin Cross Sections

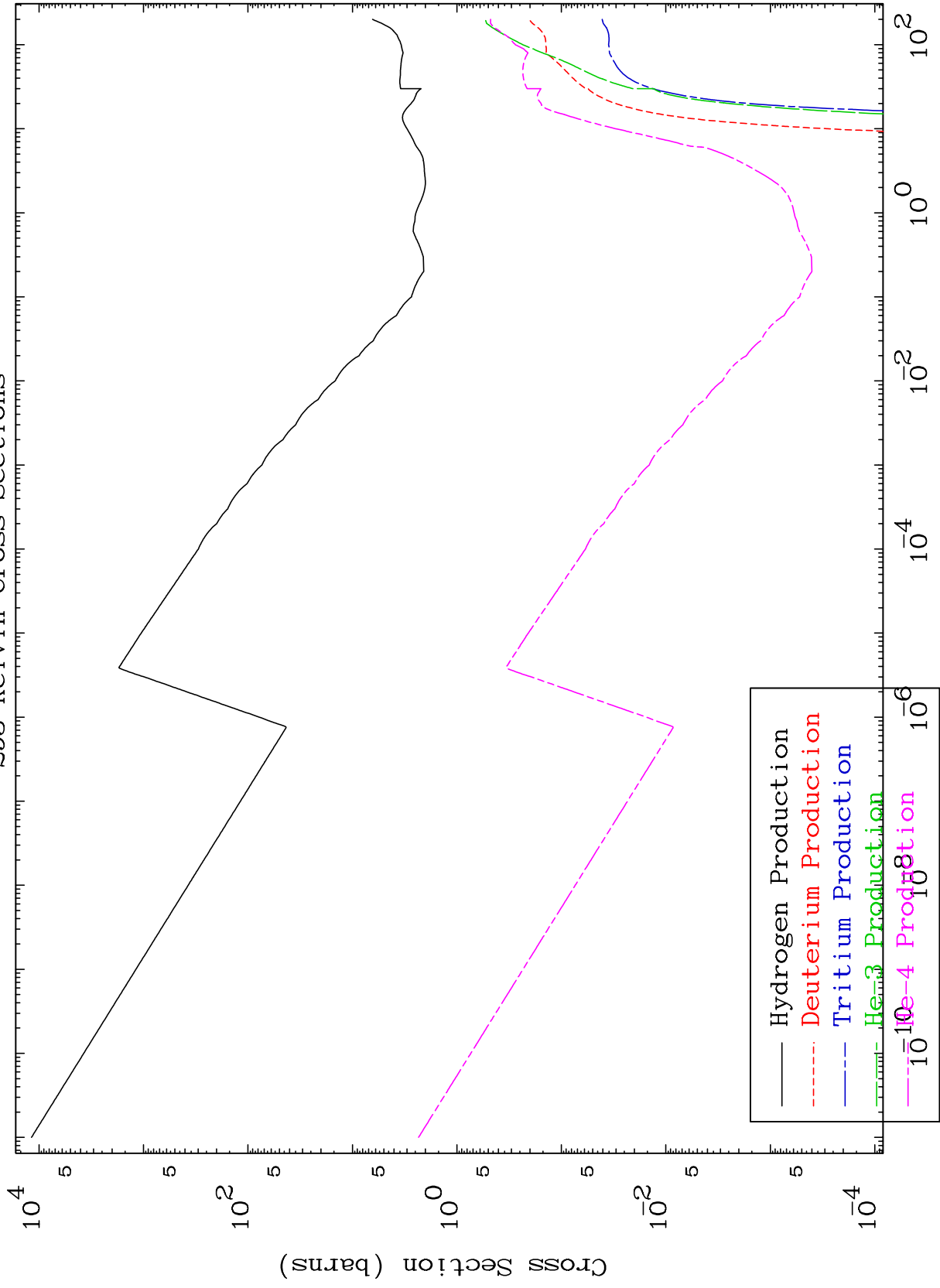
68-Er-148



MAT 6783

Particle Production
293 Kelvin Cross Sections

68-Er-148

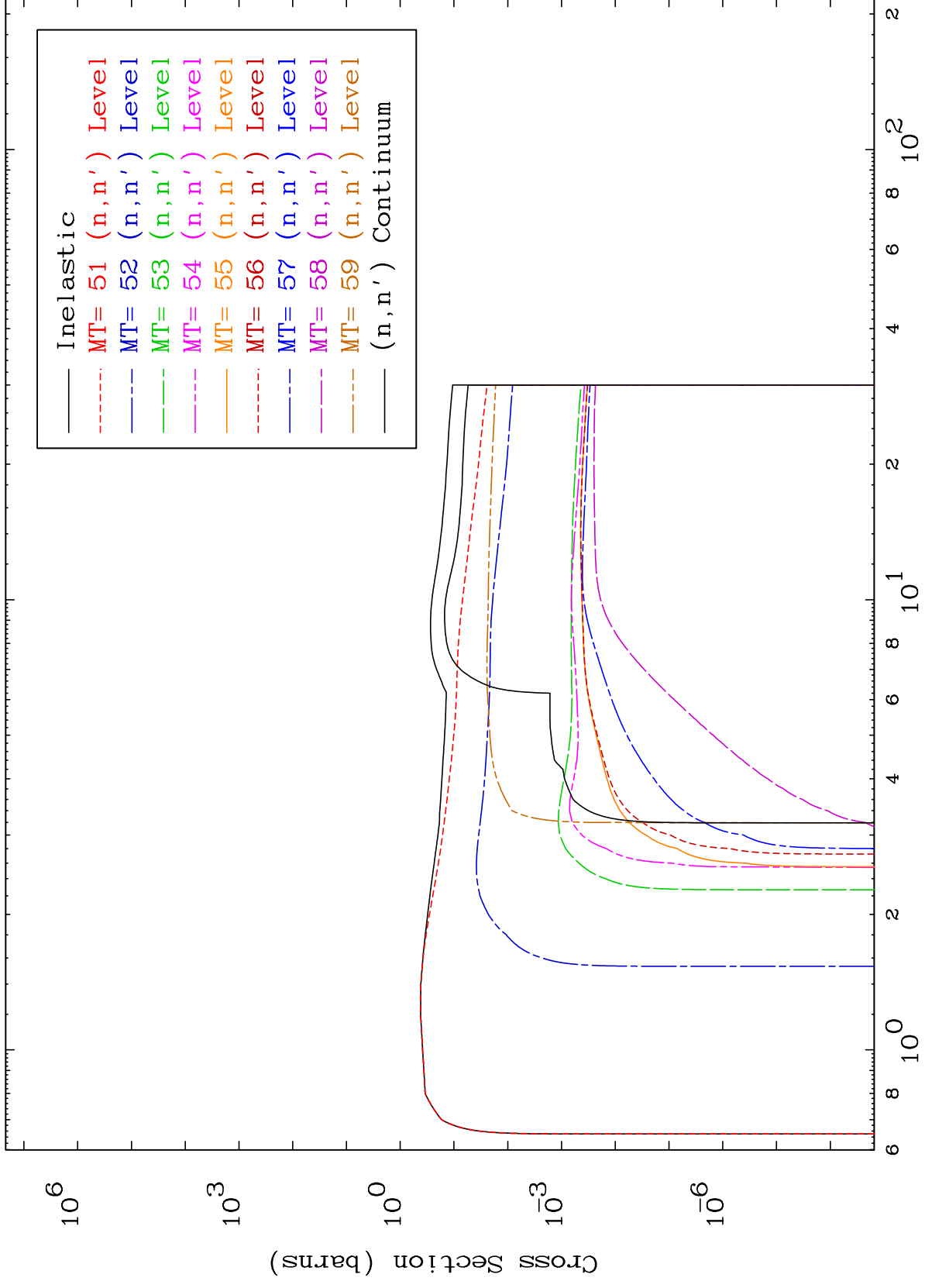


5

Incident Energy (MeV)

68-Er-148

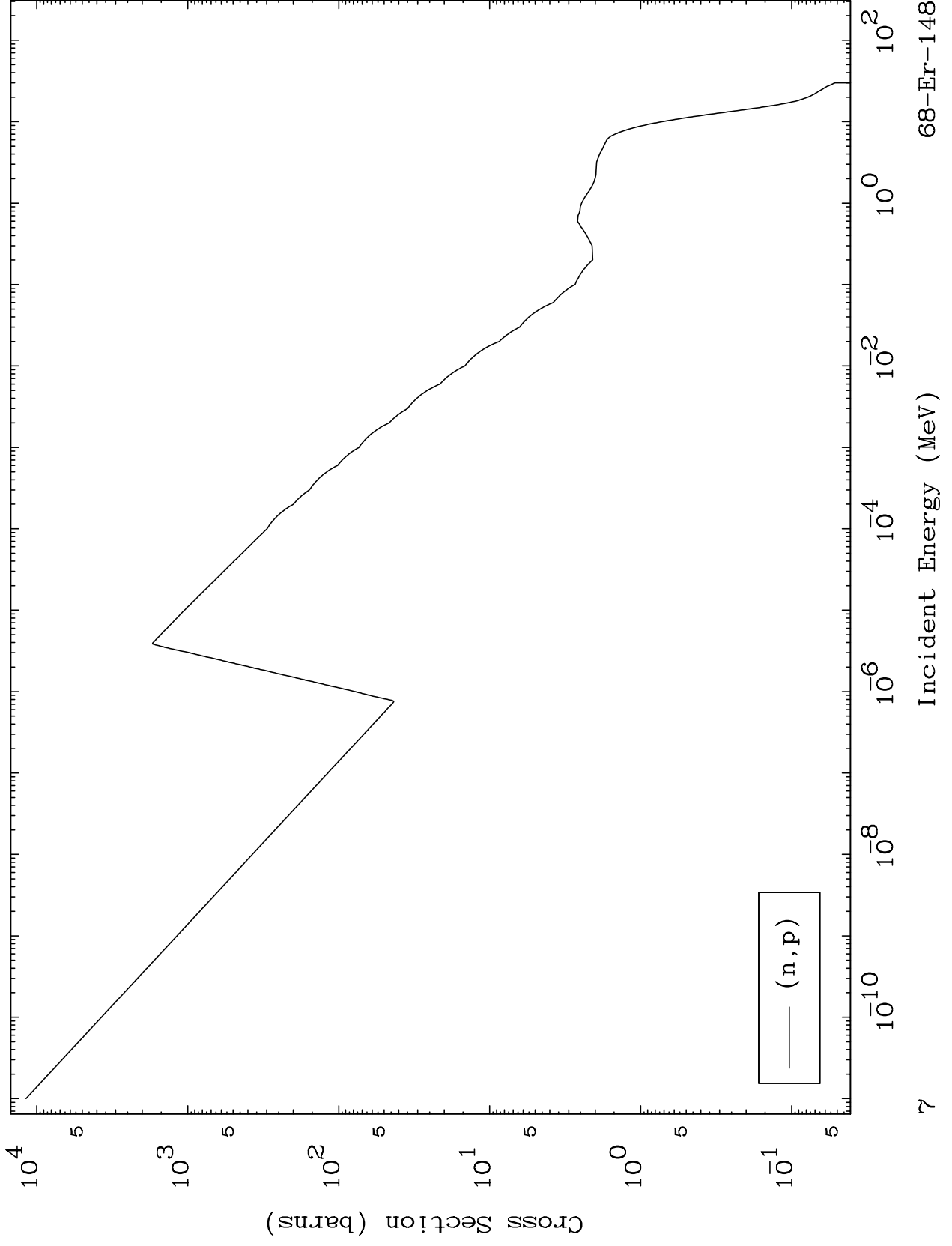
293 Kelvin Cross Sections



MAT 6783

(n,p) Levels
293 Kelvin Cross Sections

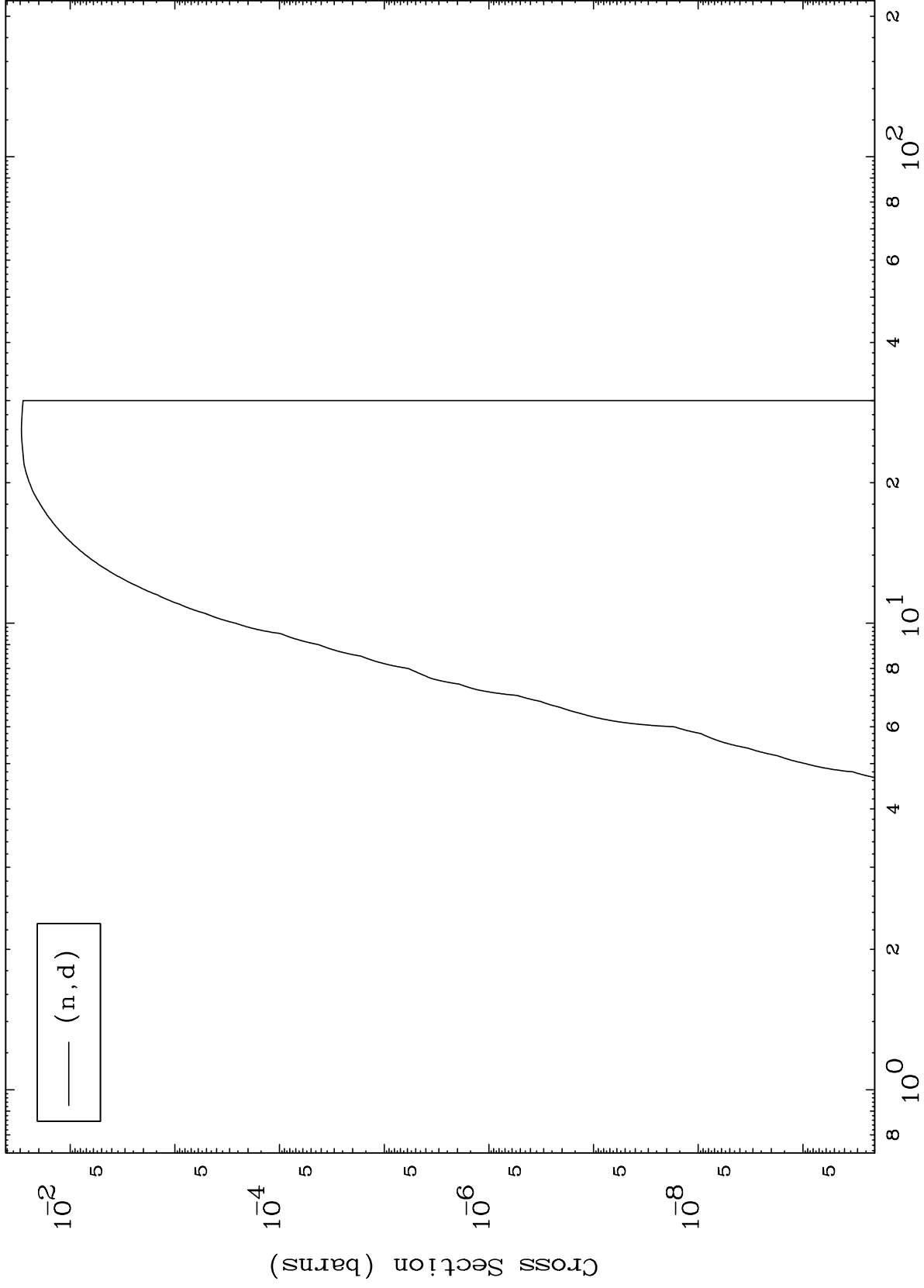
68-Er-148



MAT 6783

(n,d) Levels
293 Kelvin Cross Sections

68-Er-148



8

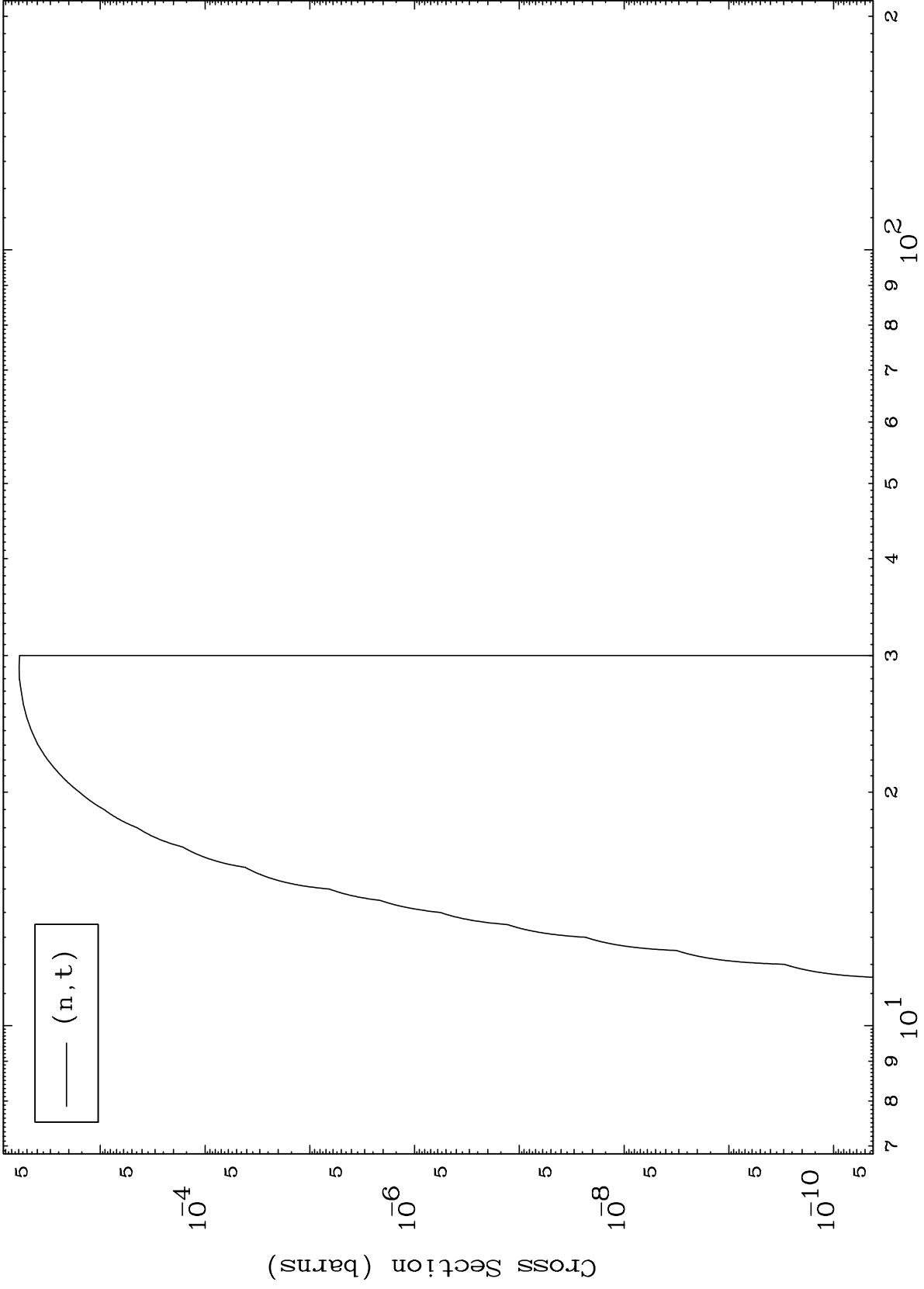
Incident Energy (MeV)

68-Er-148

MAT 6783

(n,t) Levels
293 Kelvin Cross Sections

68-Er-148



9

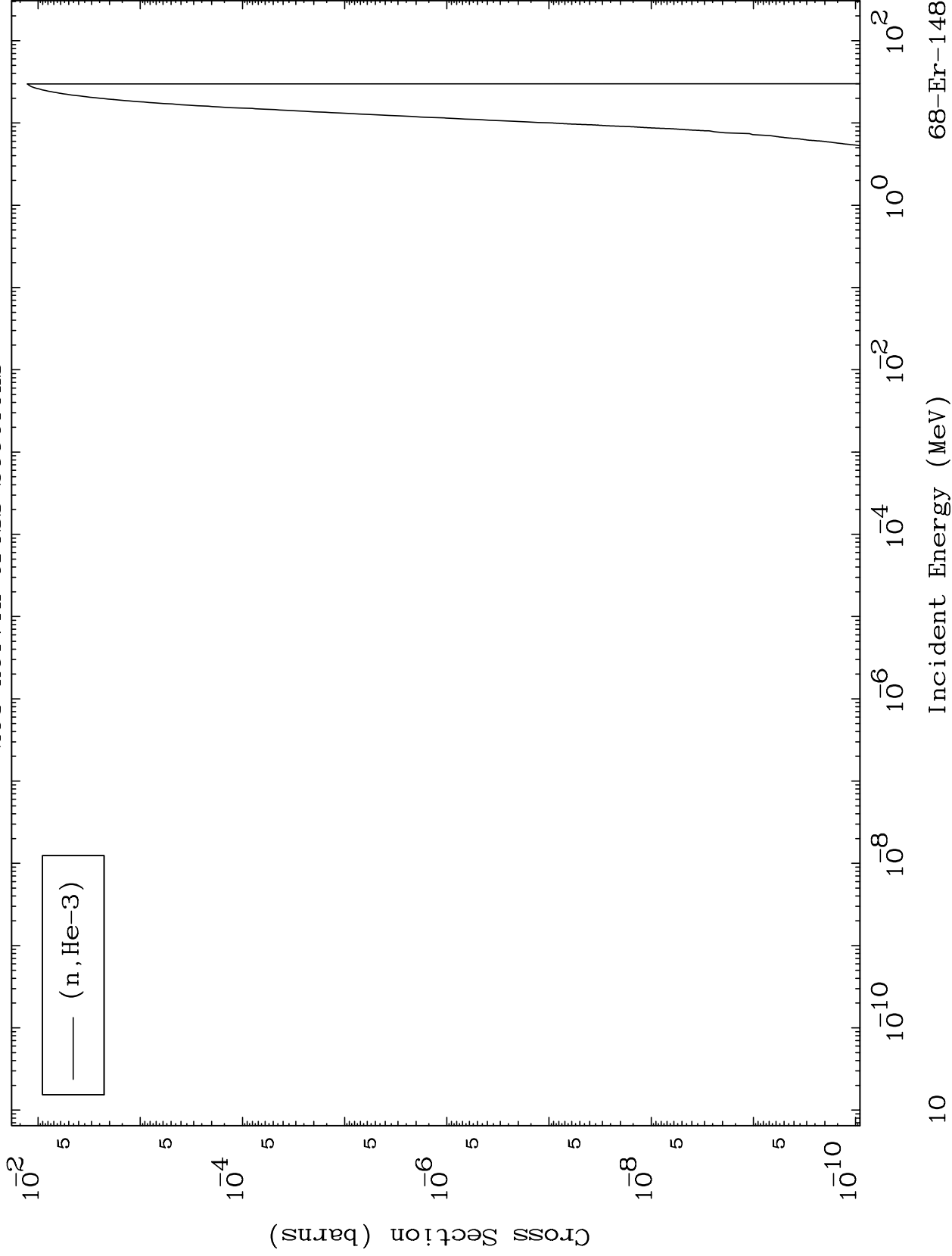
Incident Energy (MeV)

68-Er-148

MAT 6783

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-148



10

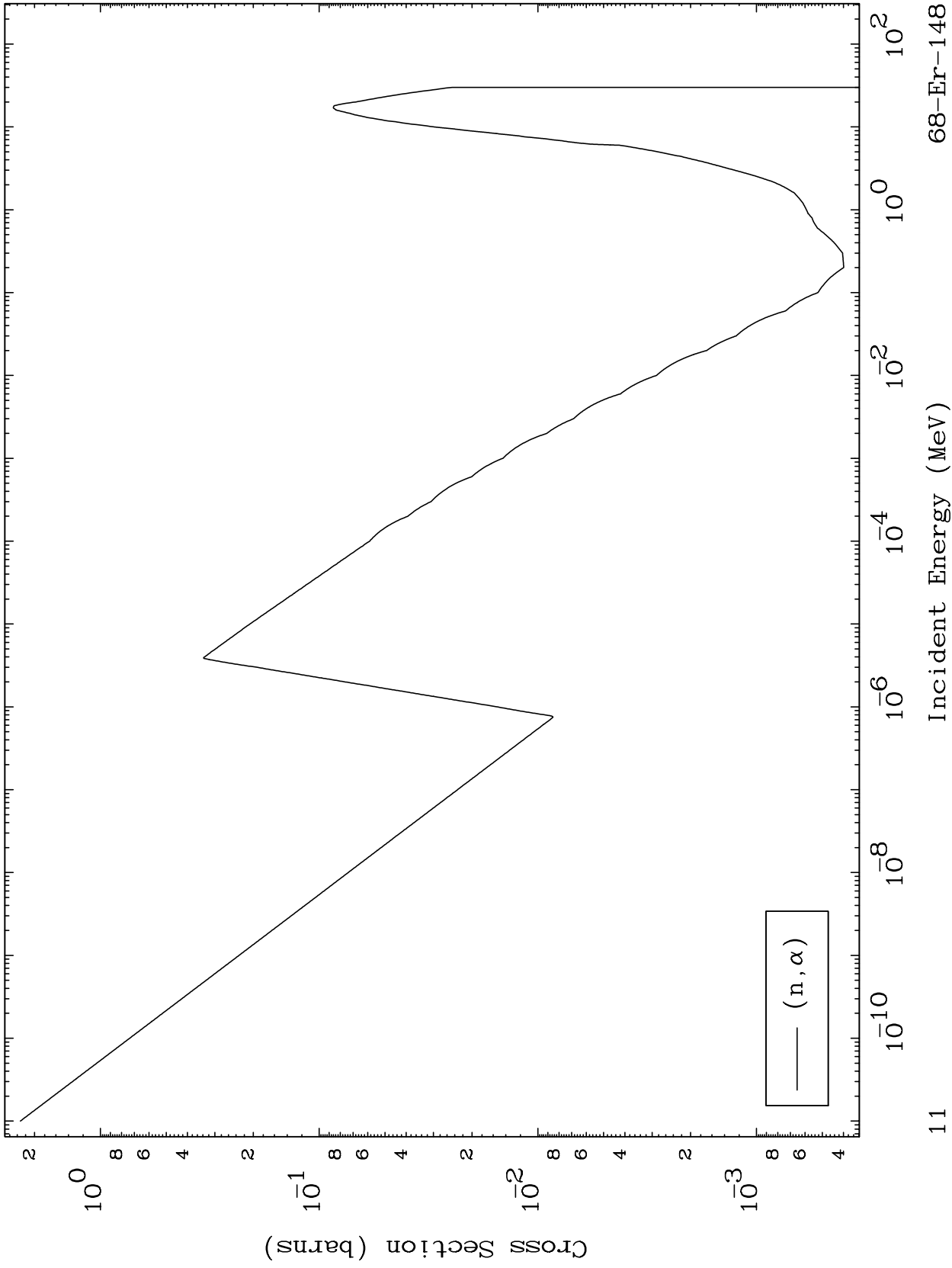
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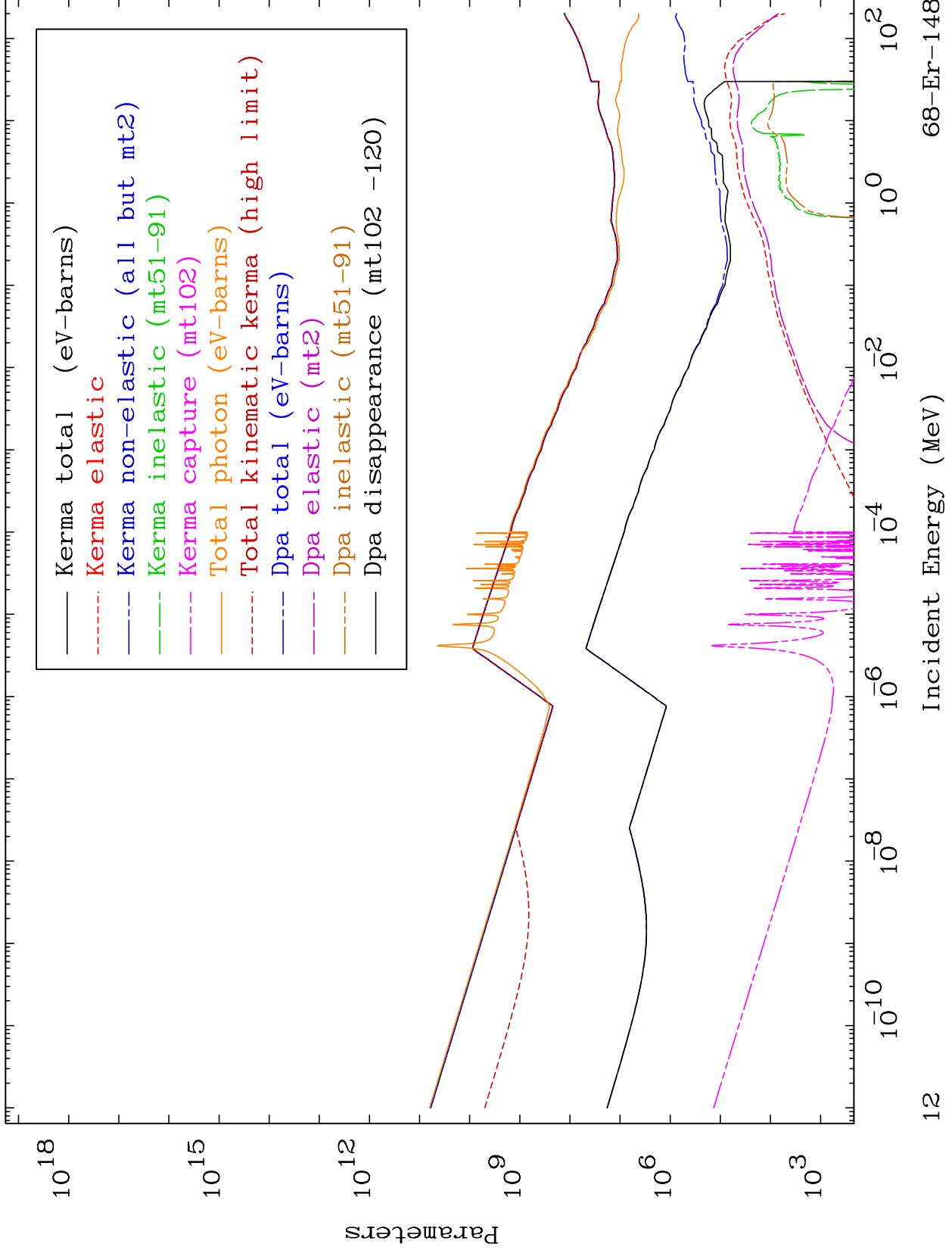
68-Er-148

MAT 6783

(n, α) Levels
293 Kelvin Cross Sections

68-Er-148

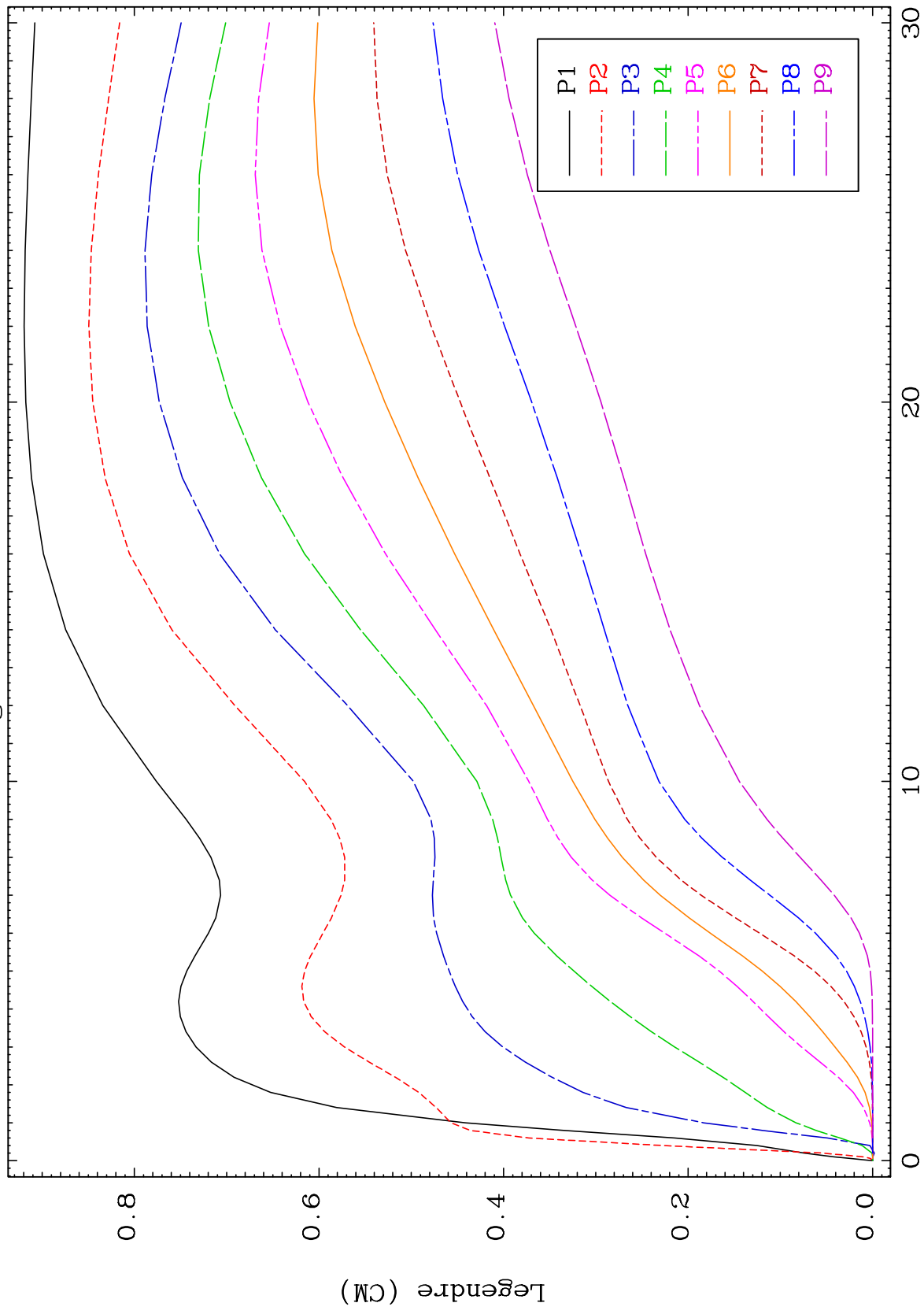




MAT 6783

Elastic Legendre Coefficients

68-Er-148



13

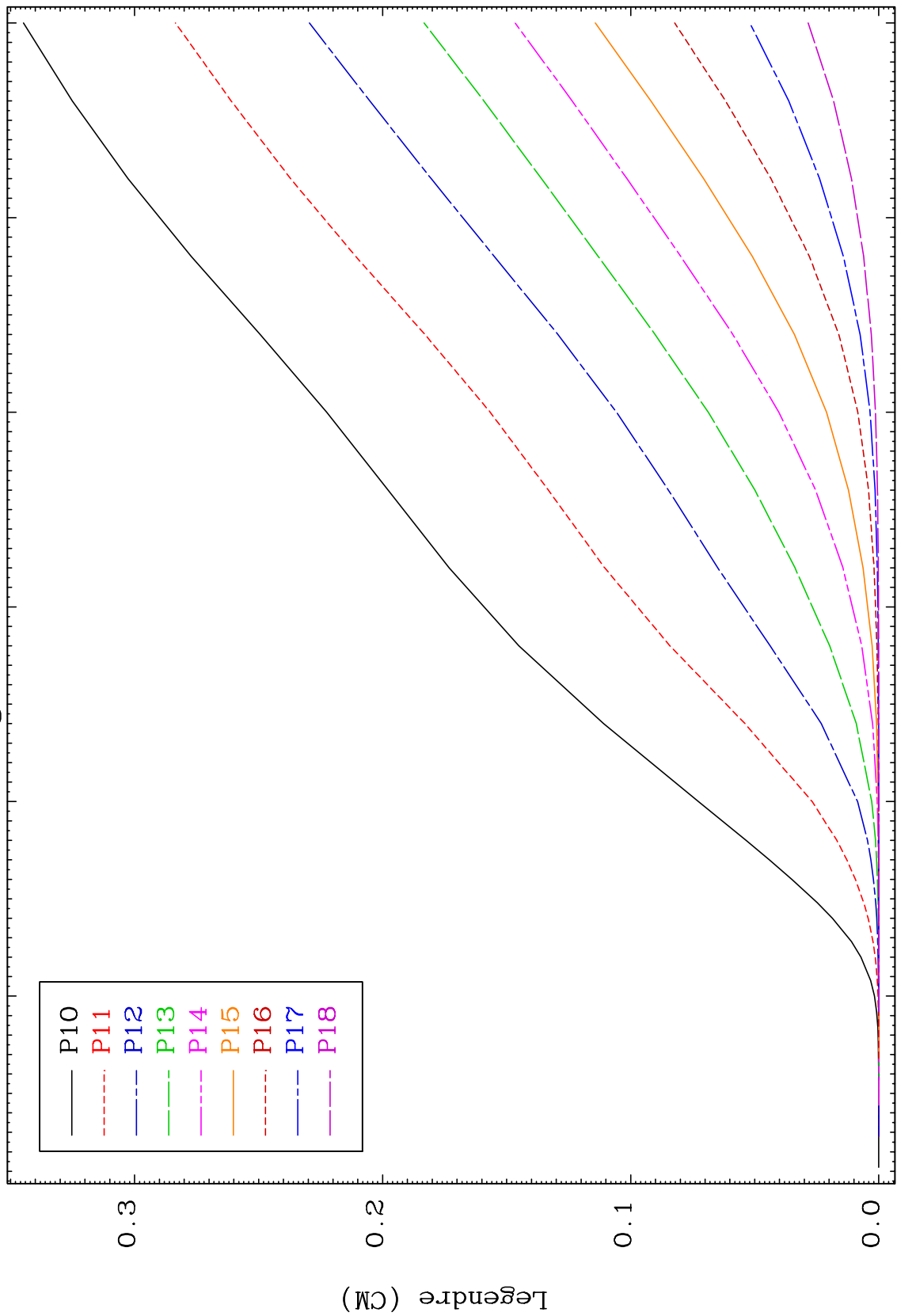
Incident Energy (MeV)

68-Er-148

MAT 6783

Elastic Legendre Coefficients

68-Er-148



14

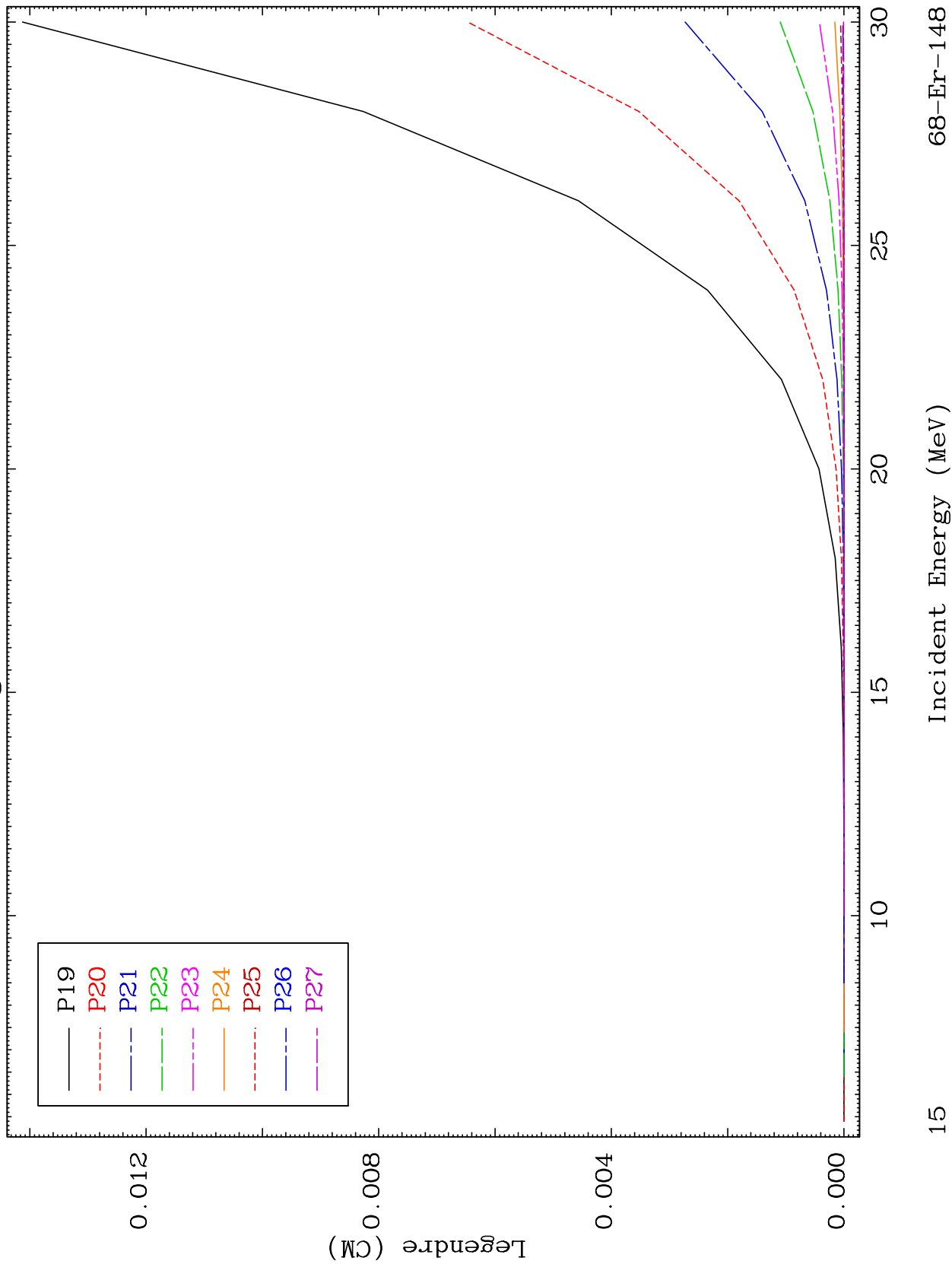
Incident Energy (MeV)

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MAT 6783

Elastic Legendre Coefficients

68-Er-148



15

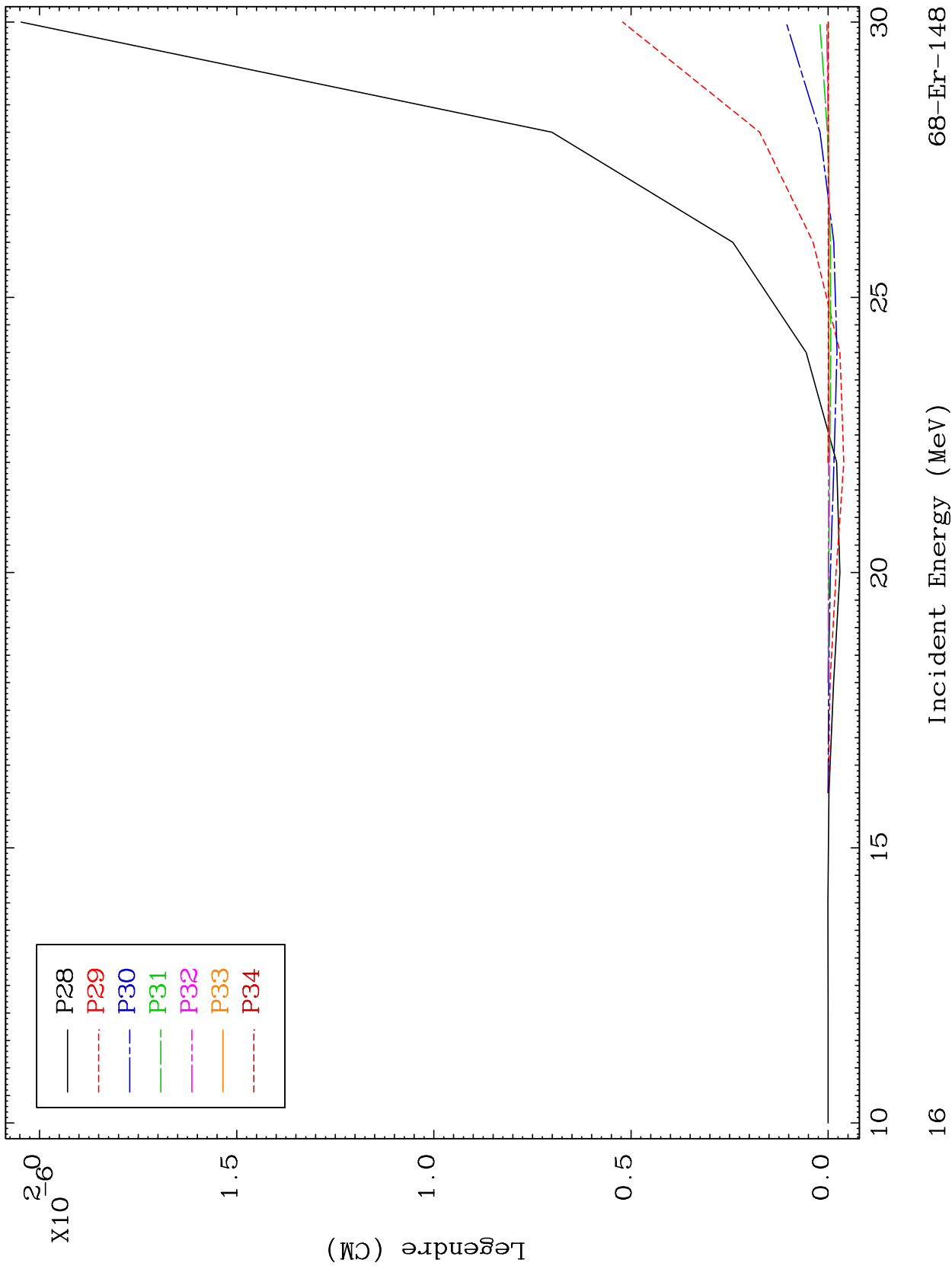
Incident Energy (MeV)

68-Er-148

MAT 6783

Elastic Legendre Coefficients

68-Er-148



16

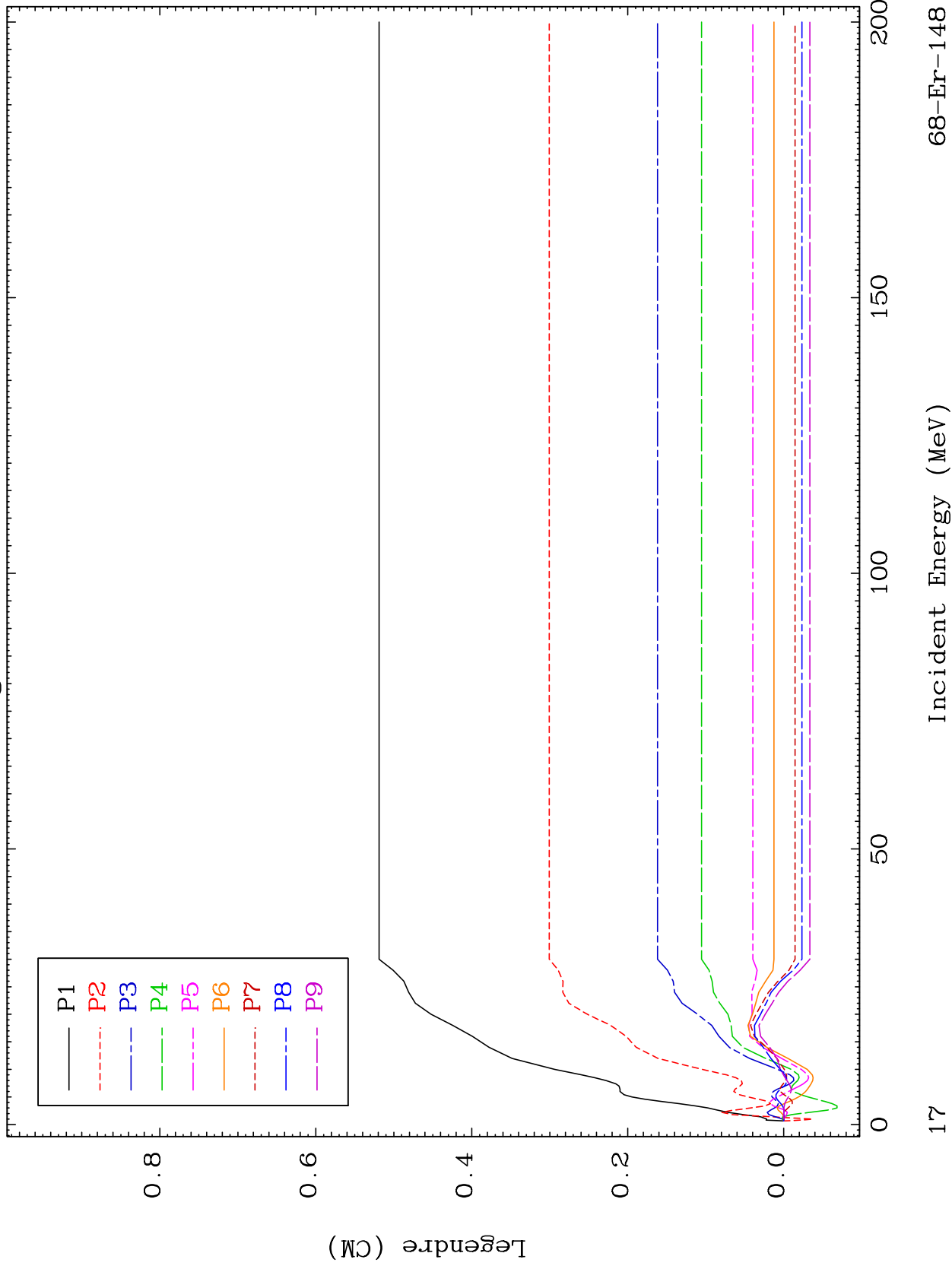
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



68-Er-148

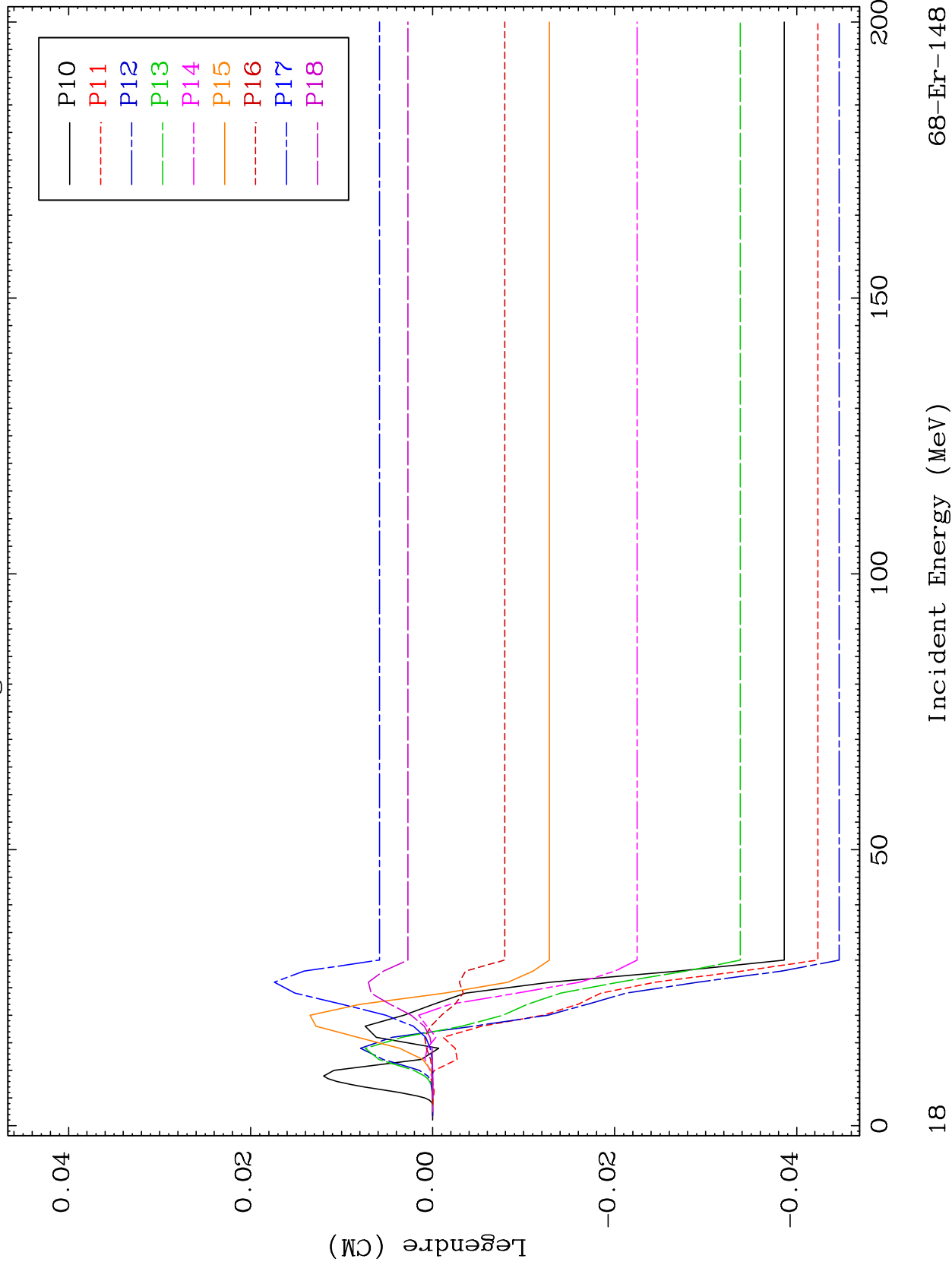
Incident Energy (MeV)

17

MAT 6783

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

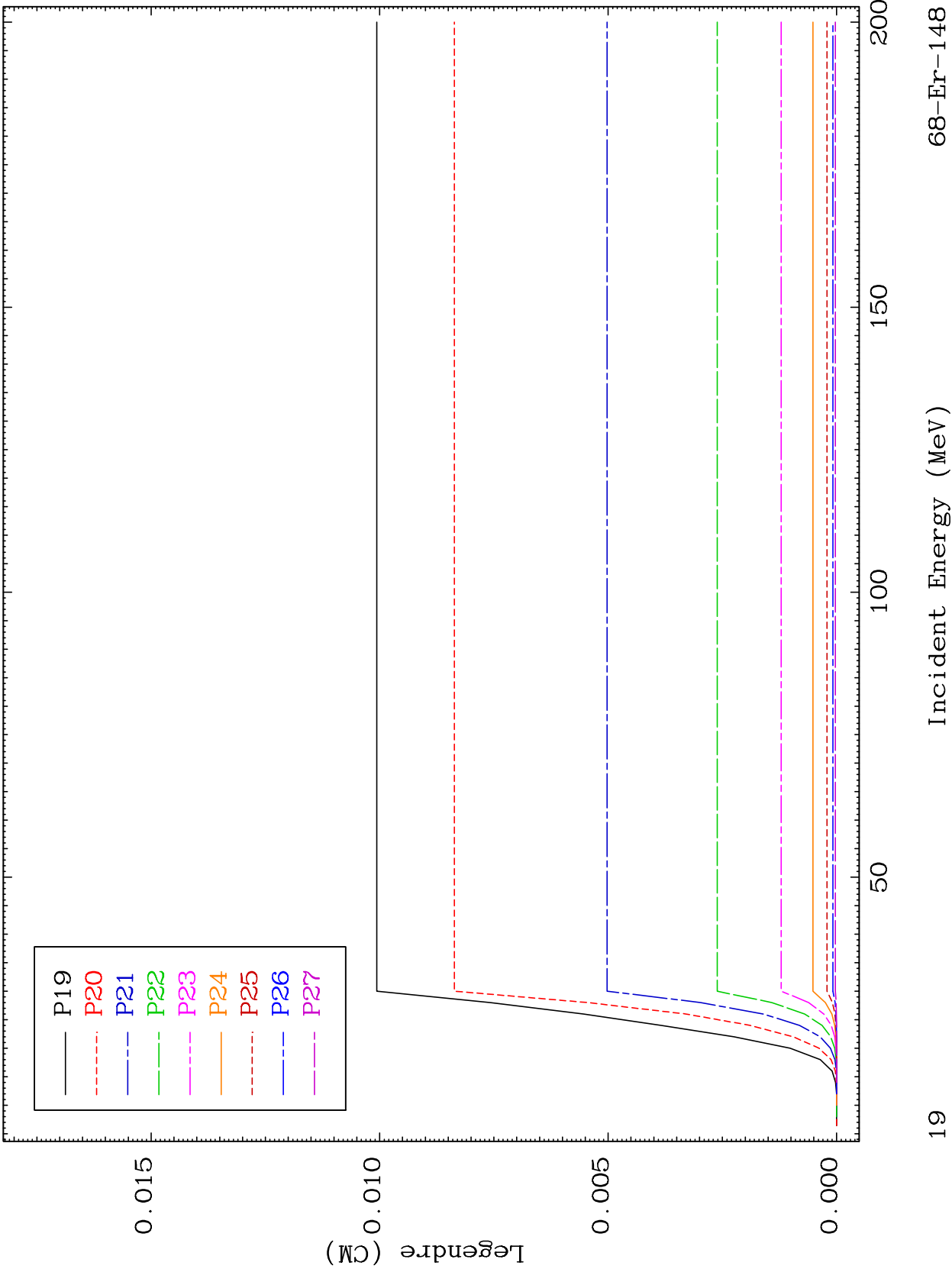
68-Er-148



68-Er-148

Incident Energy (MeV)

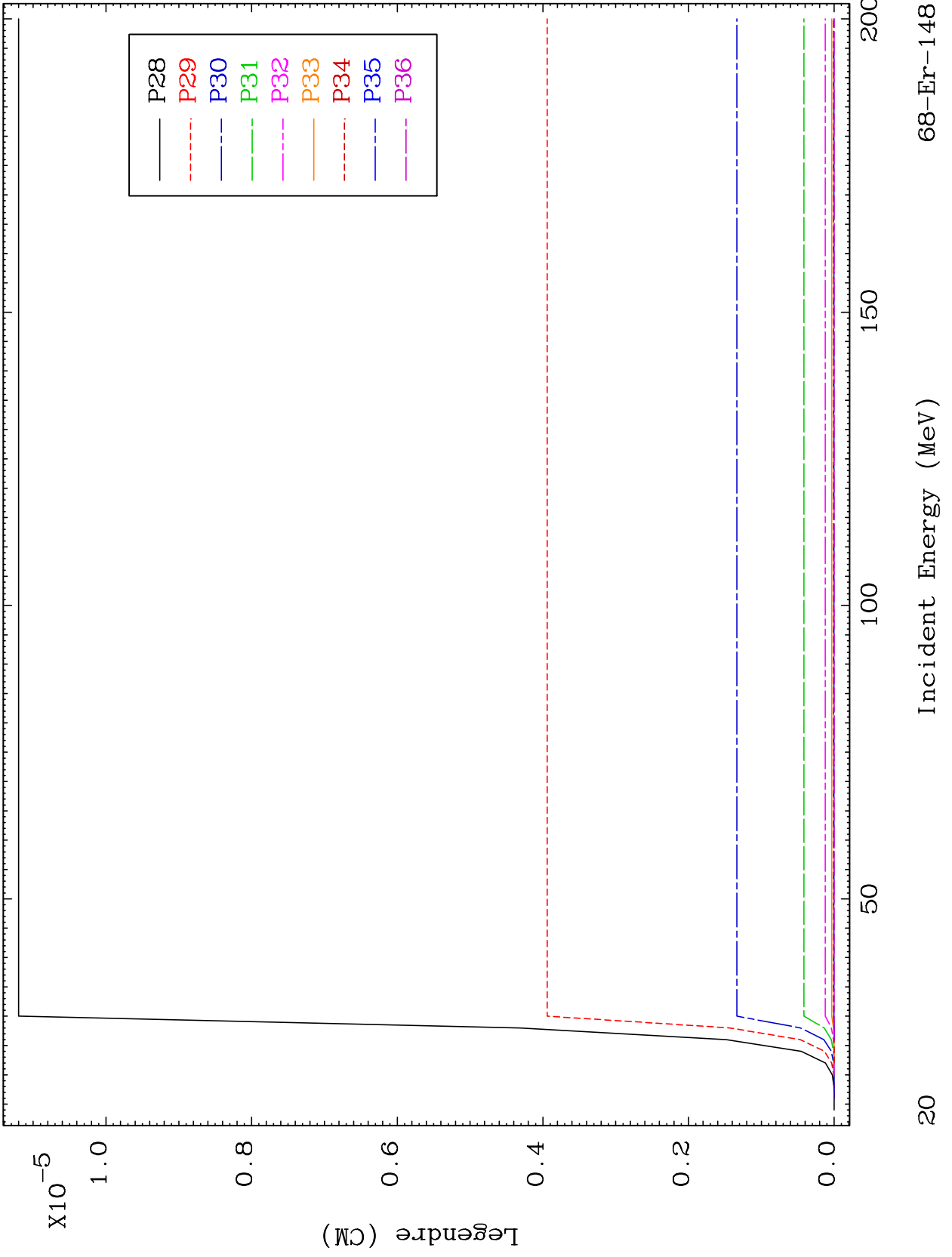
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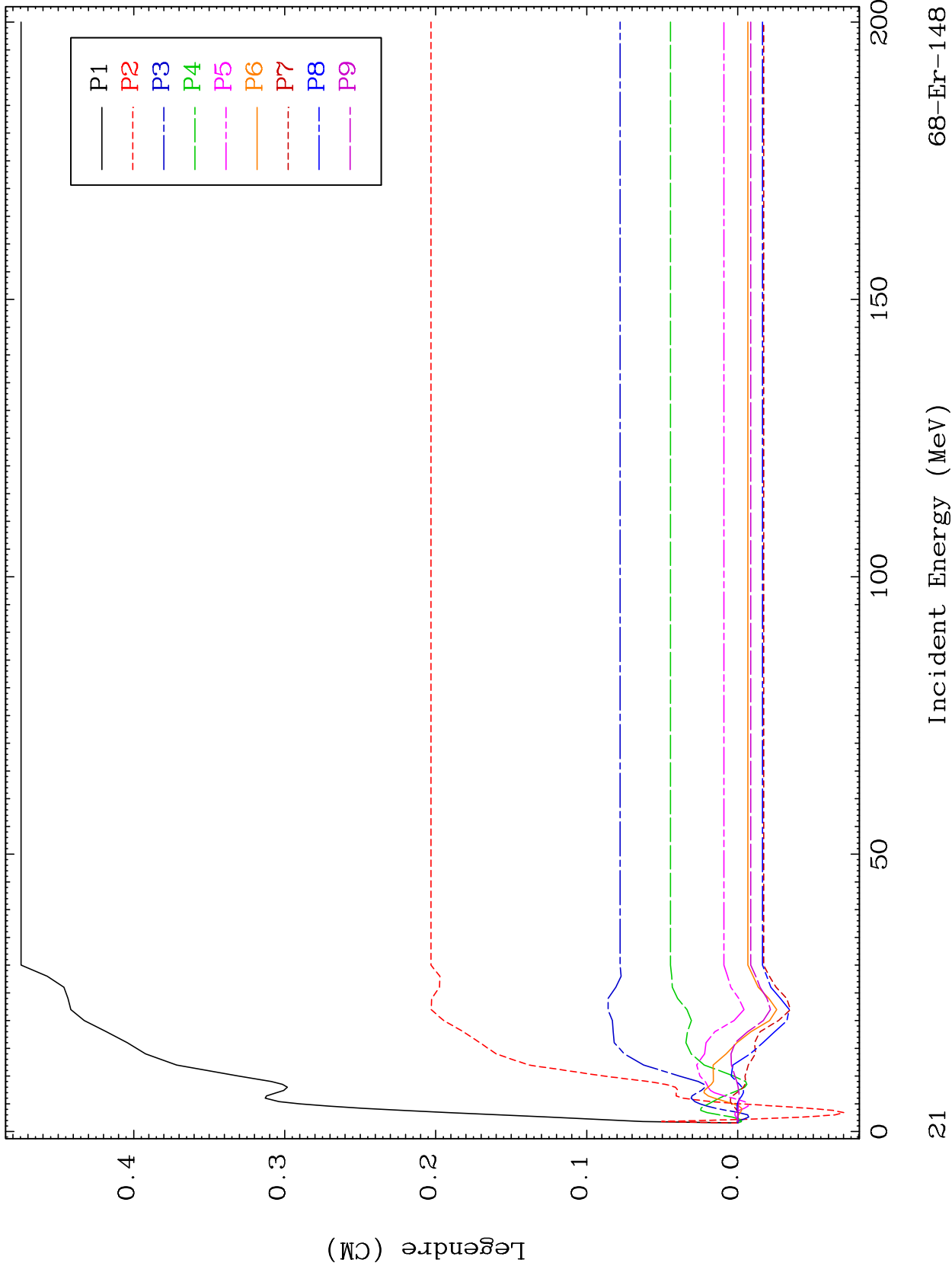


MAT 6783

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

68-Er-148

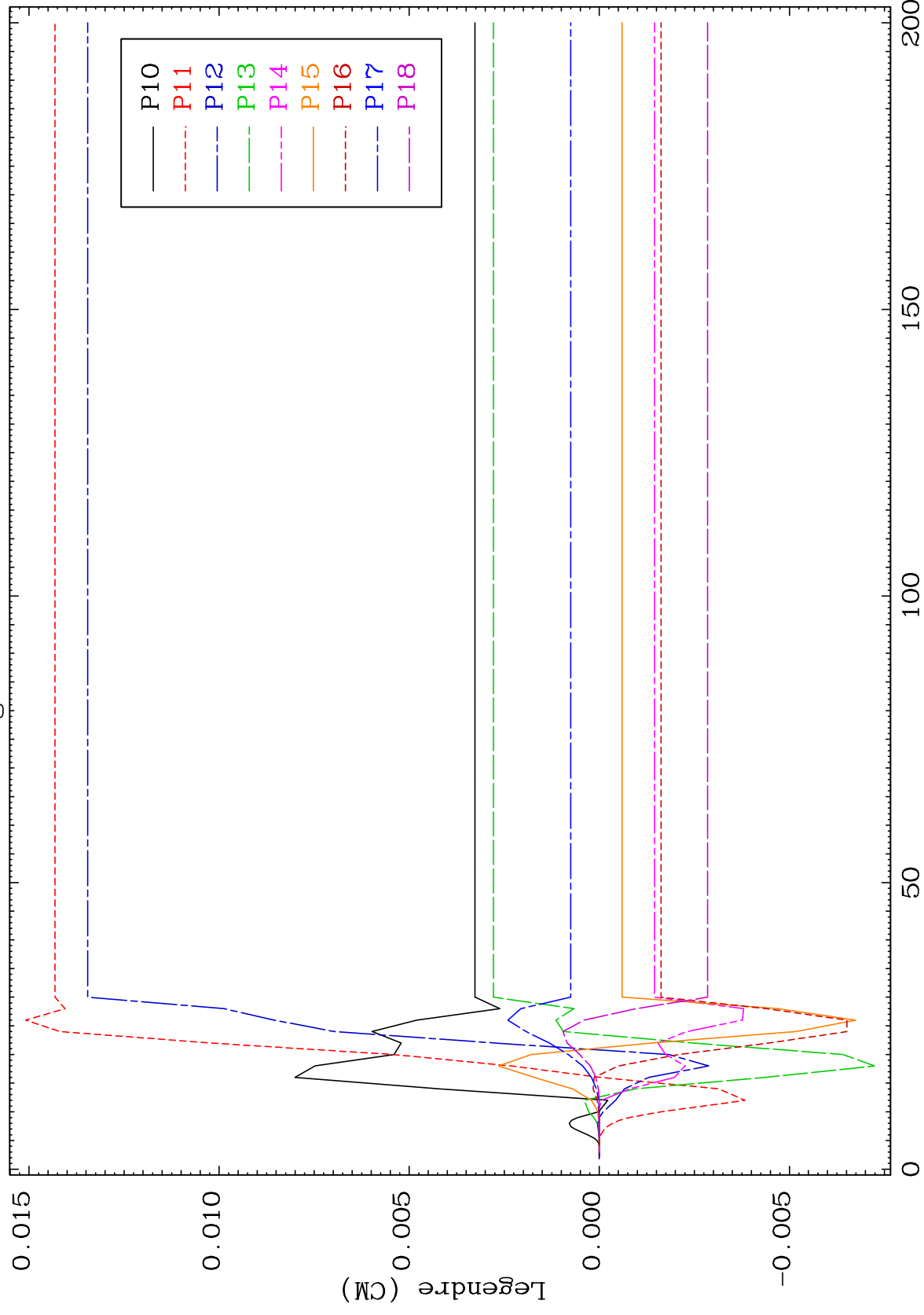




MAT 6783

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

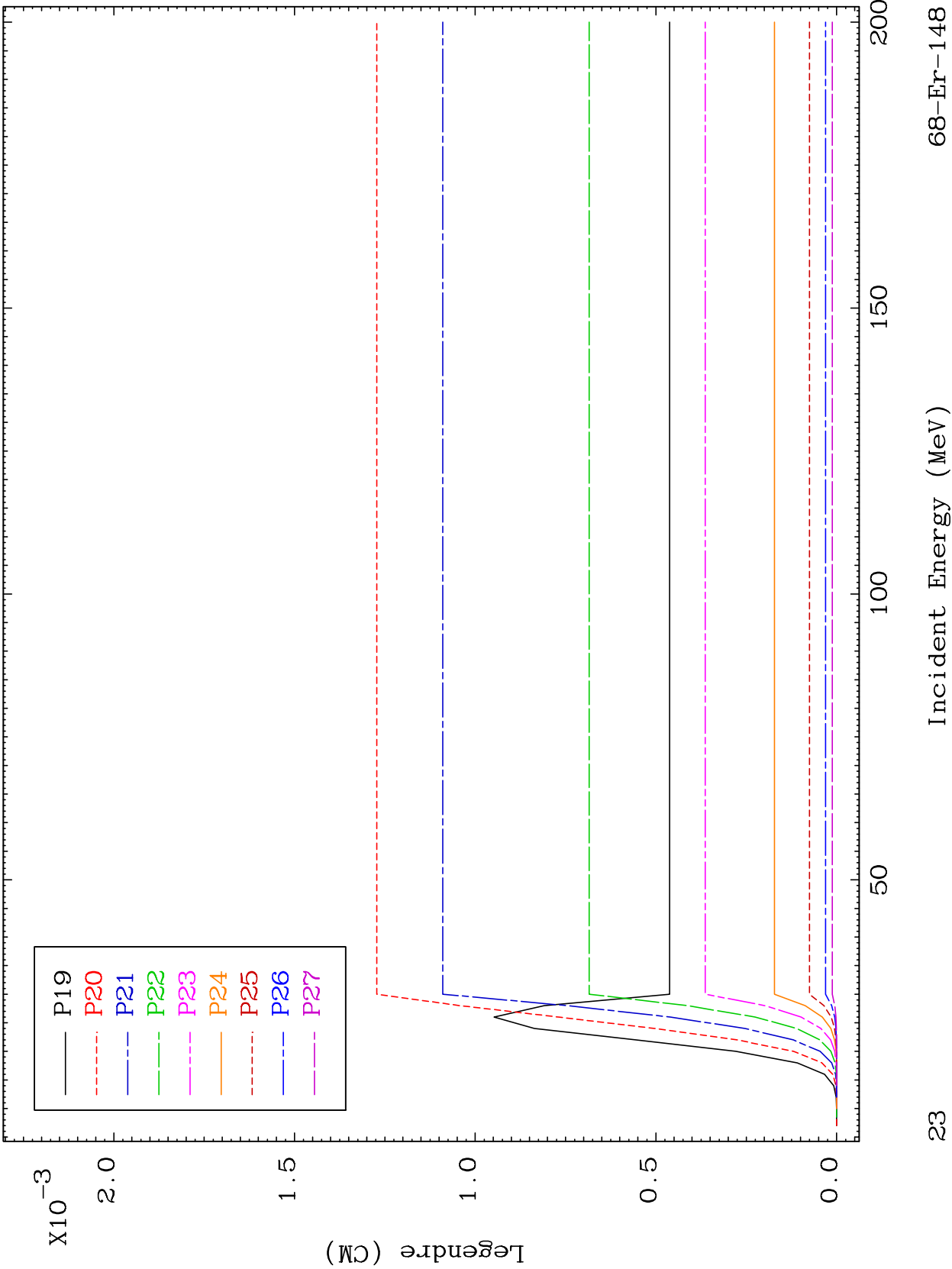
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22

Incident Energy (MeV)

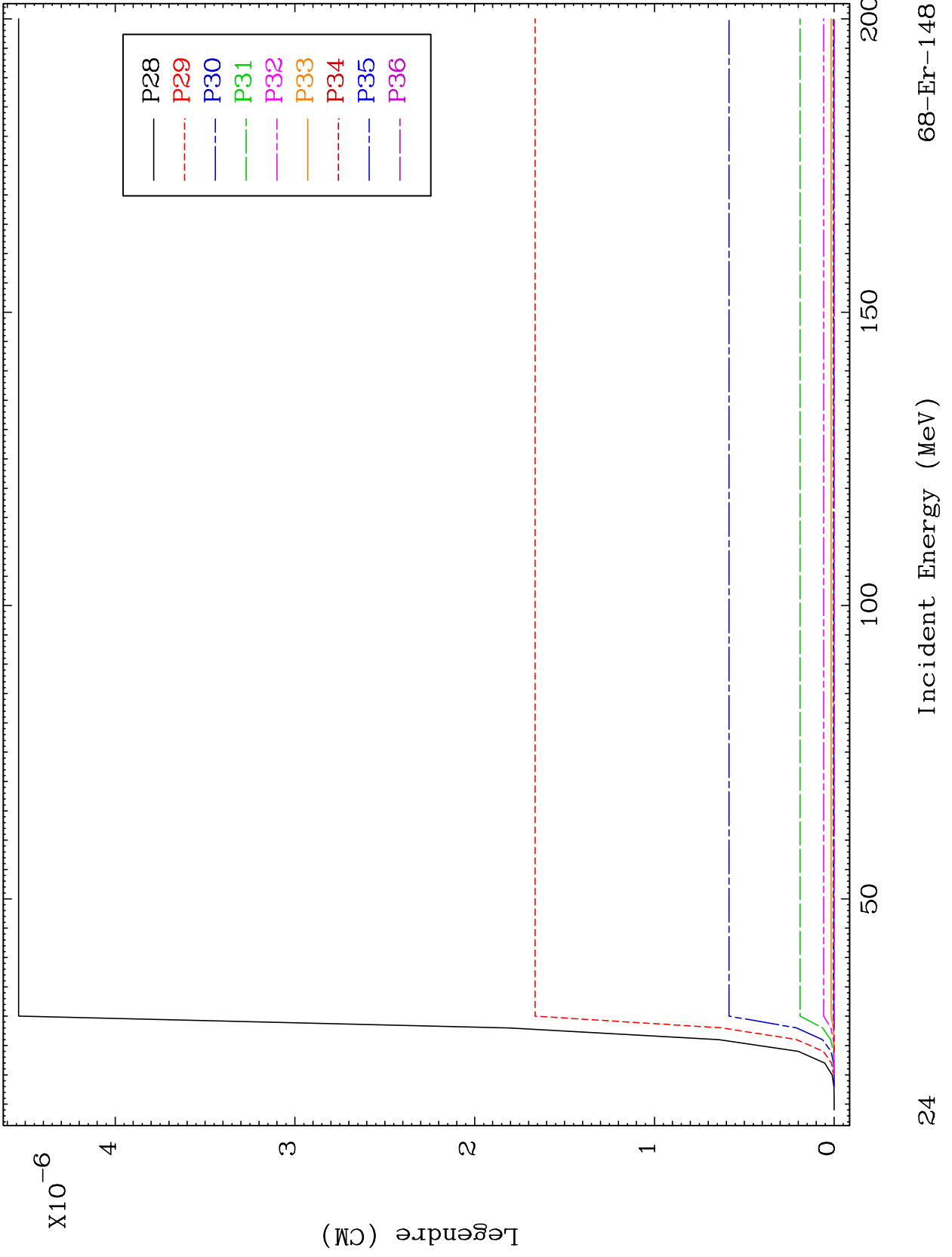
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MAT 6783

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

68-Er-148



24

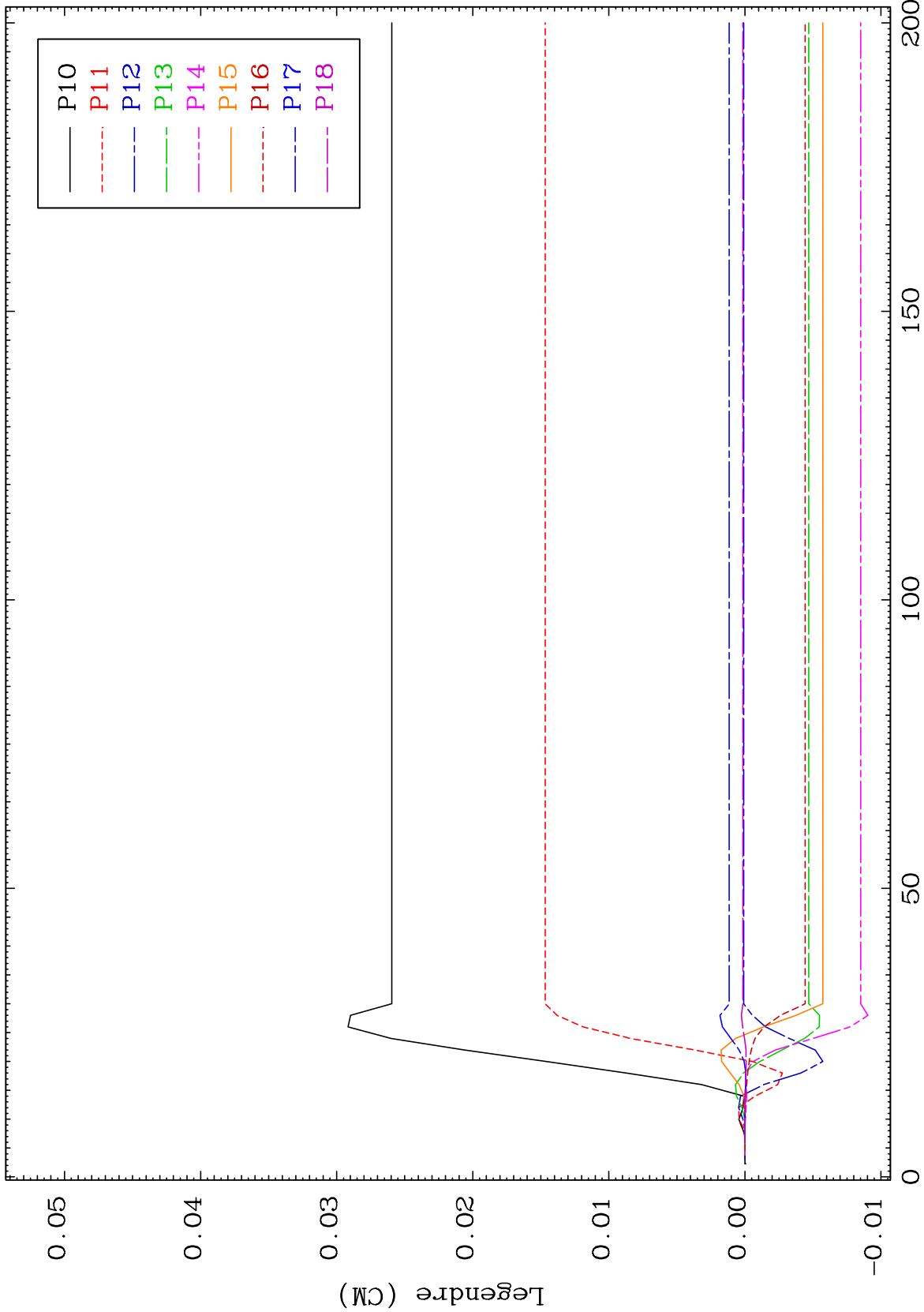
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



26

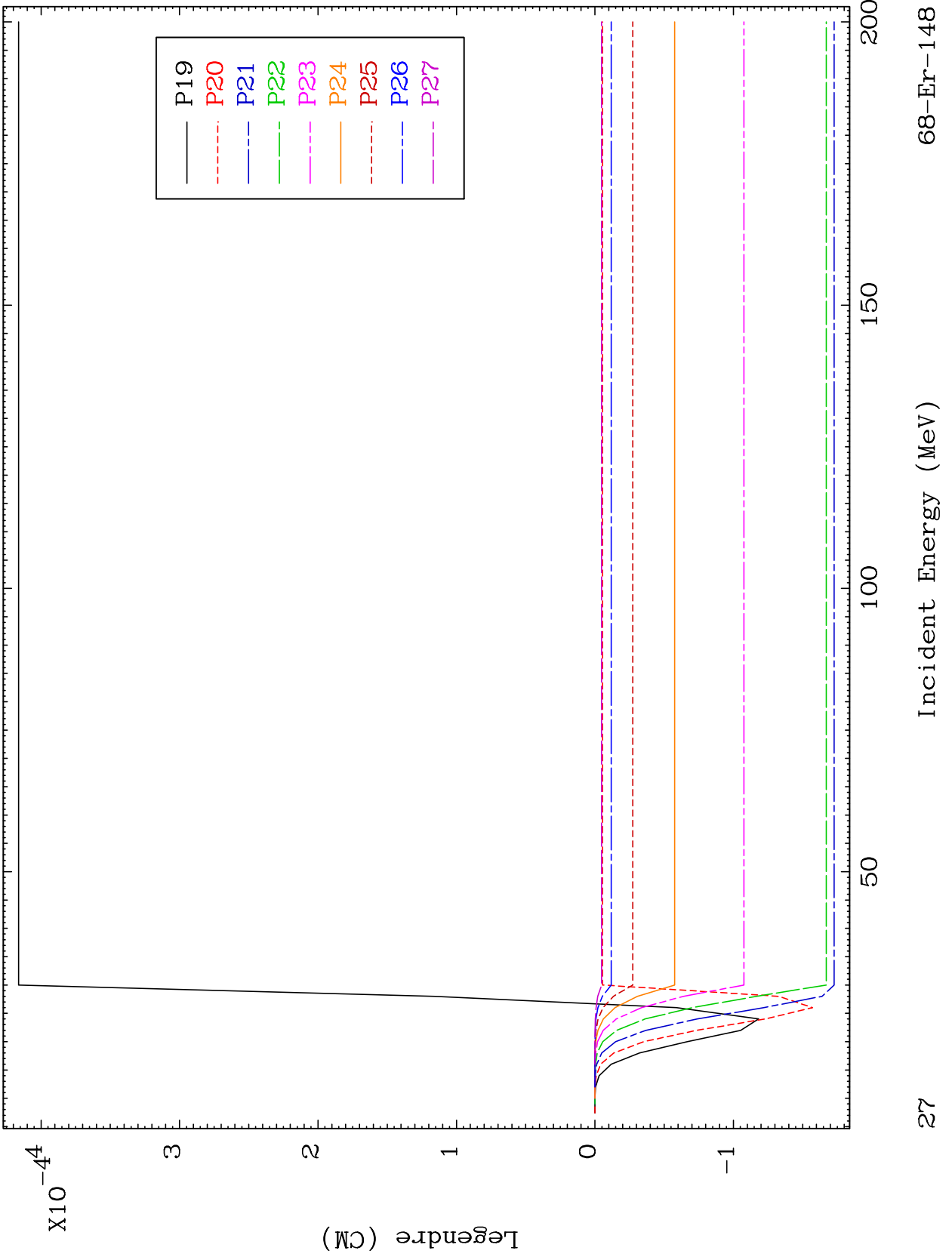
Incident Energy (MeV)

68-Er-148

MAT 6783

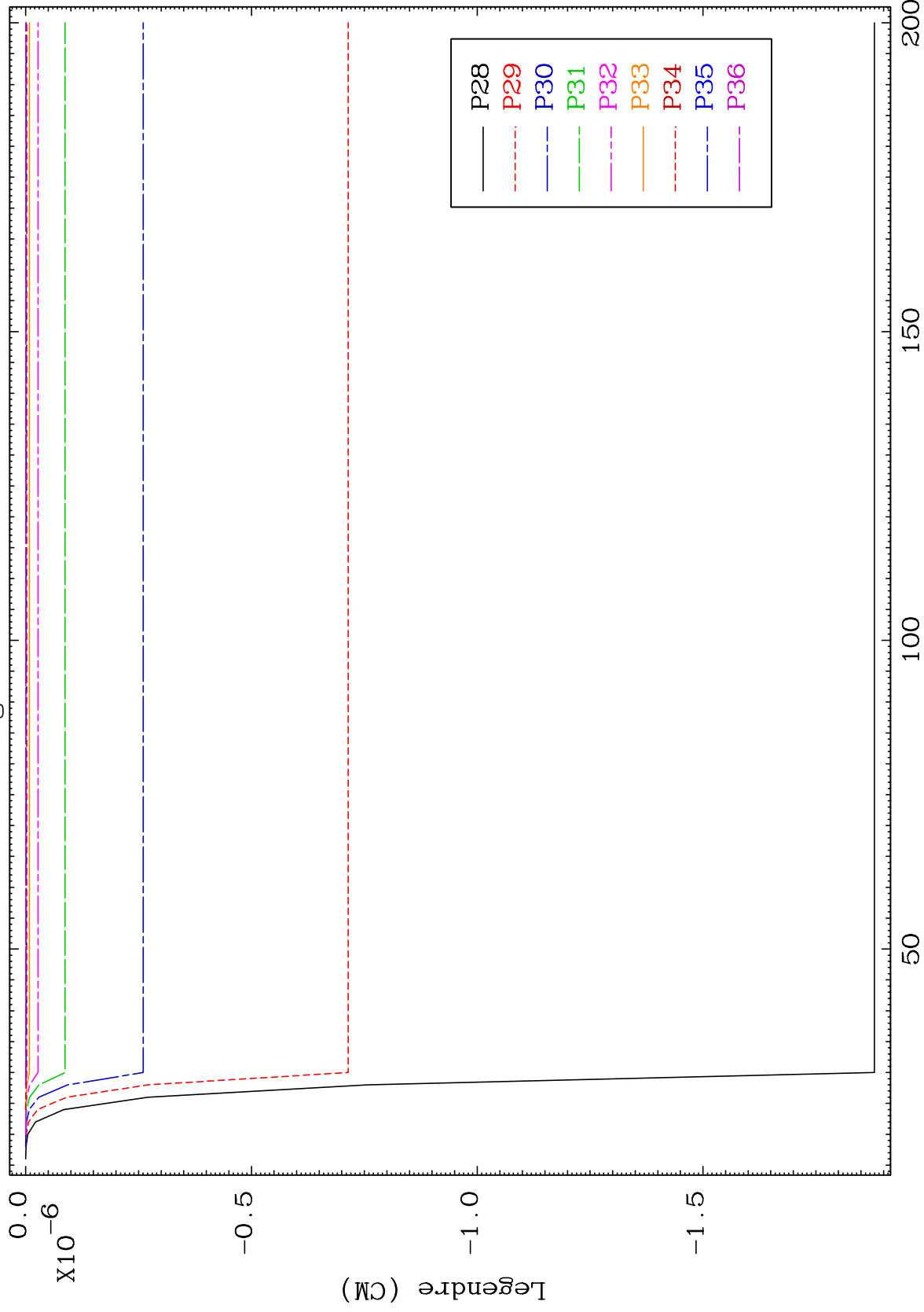
MT= 53 (n,n') Level
Legendre Coefficients

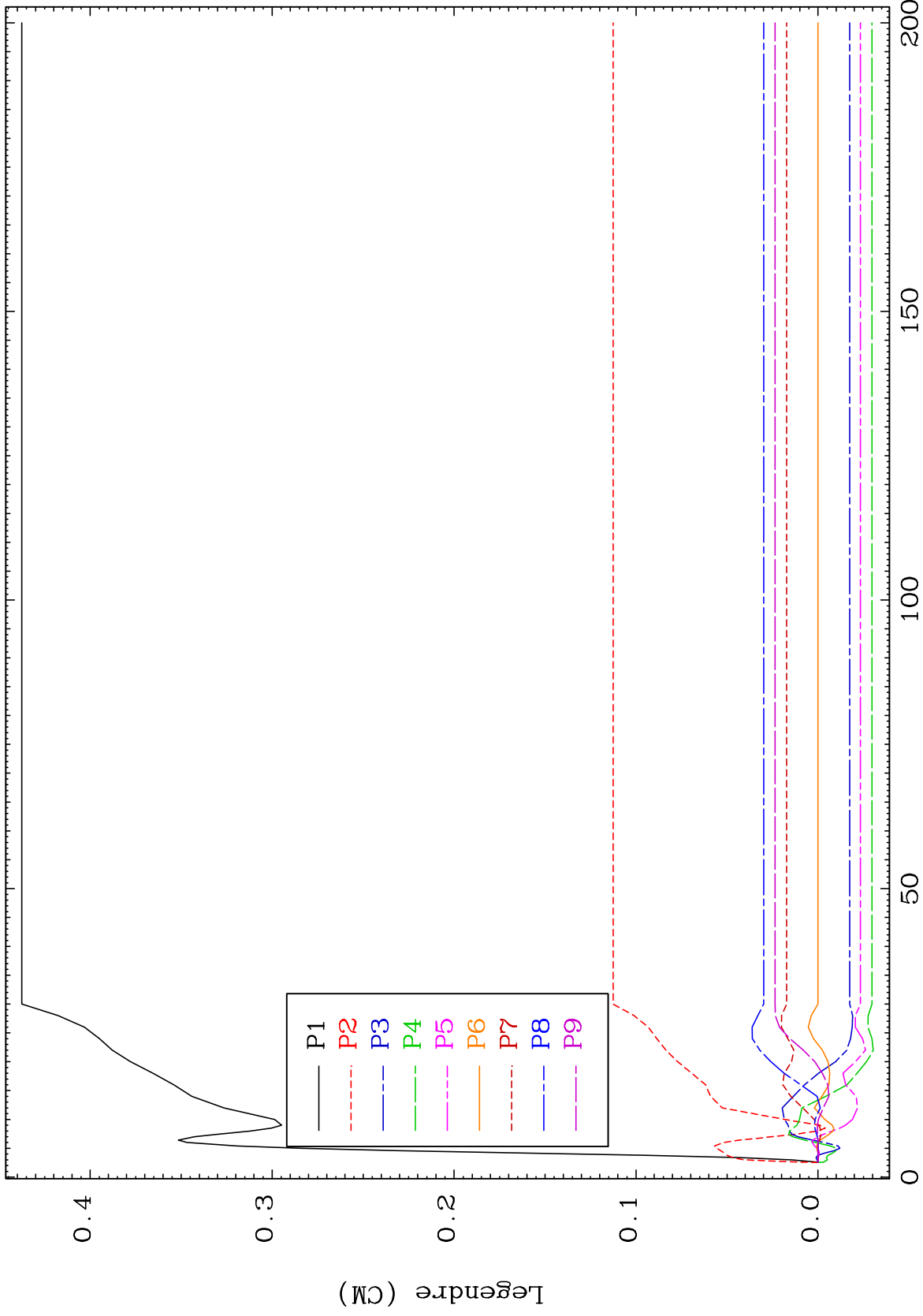
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27

68-Er-148

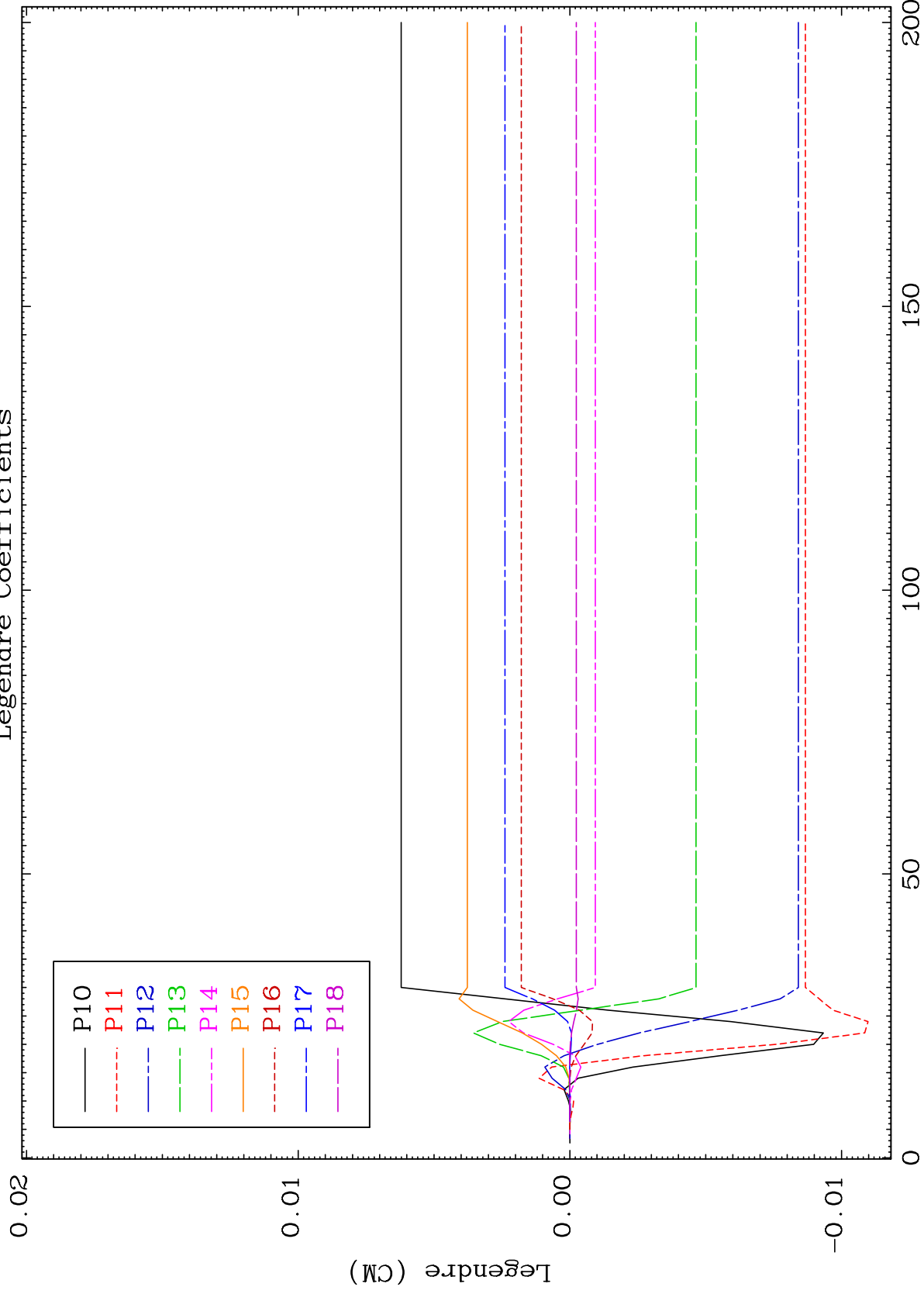




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MT= 54 (n,n') Level
Legendre Coefficients

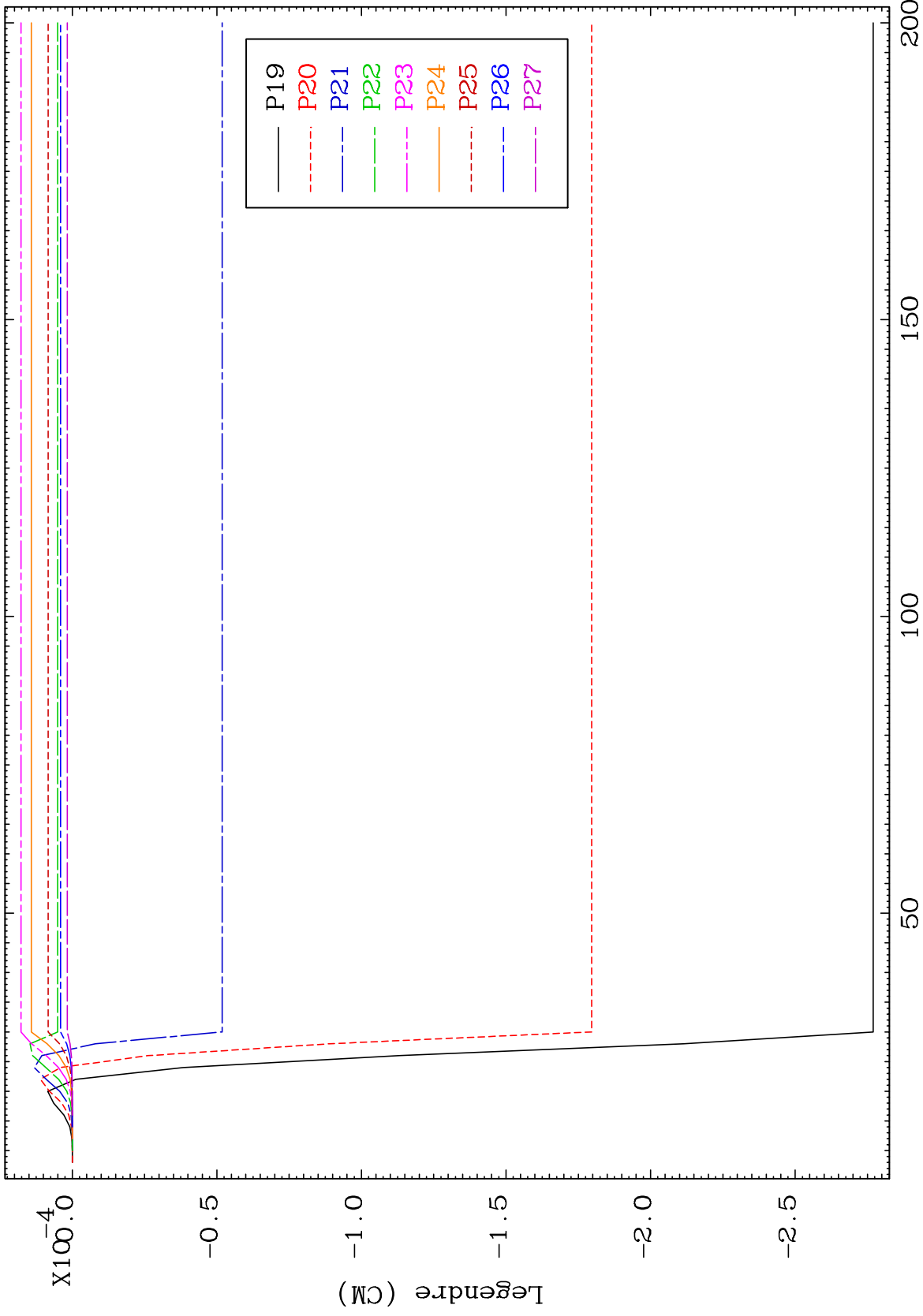
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Incident Energy (MeV)

68-Er-148

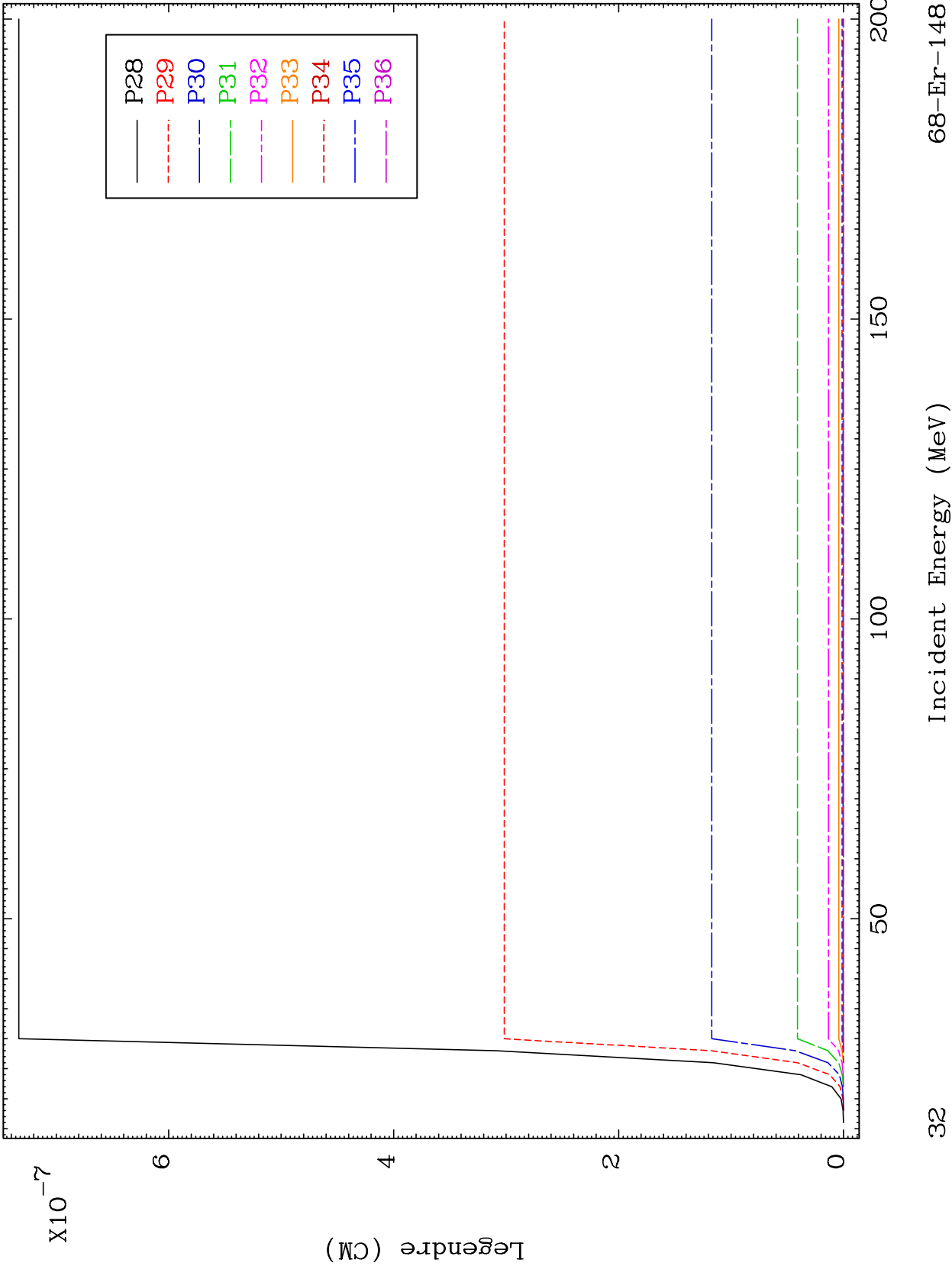
30



MAT 6783

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

68-Er-148



32

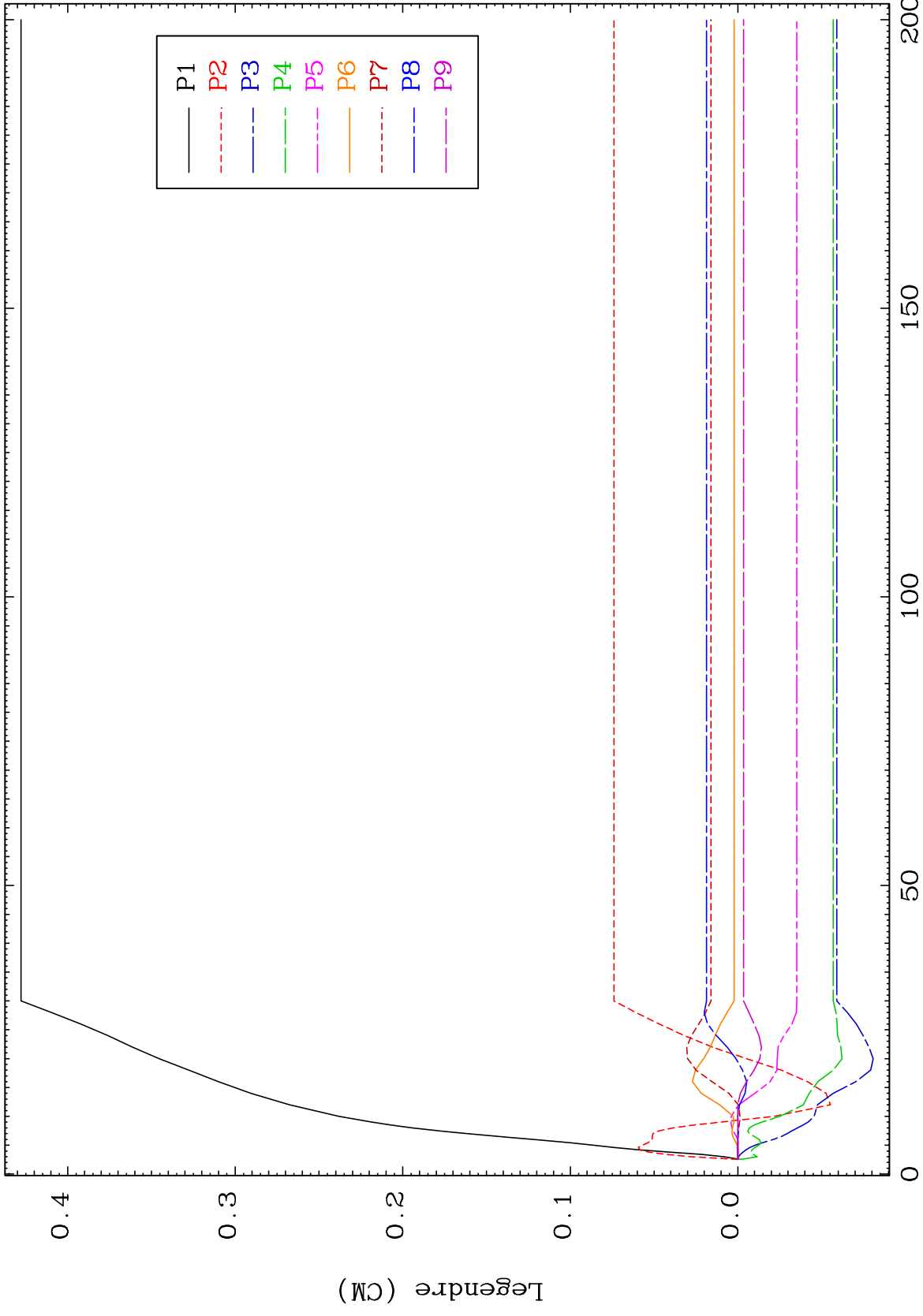
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



33

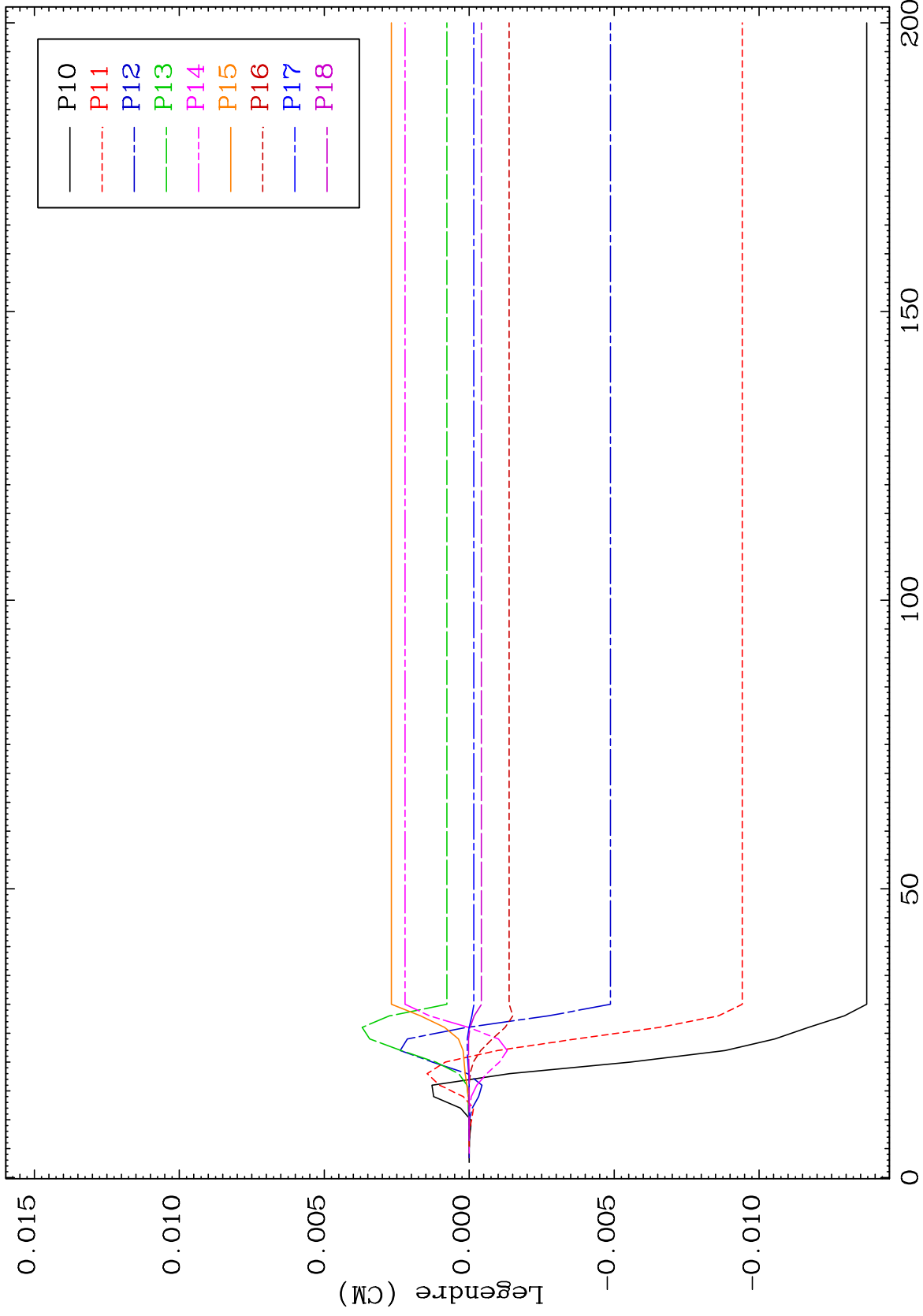
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



34

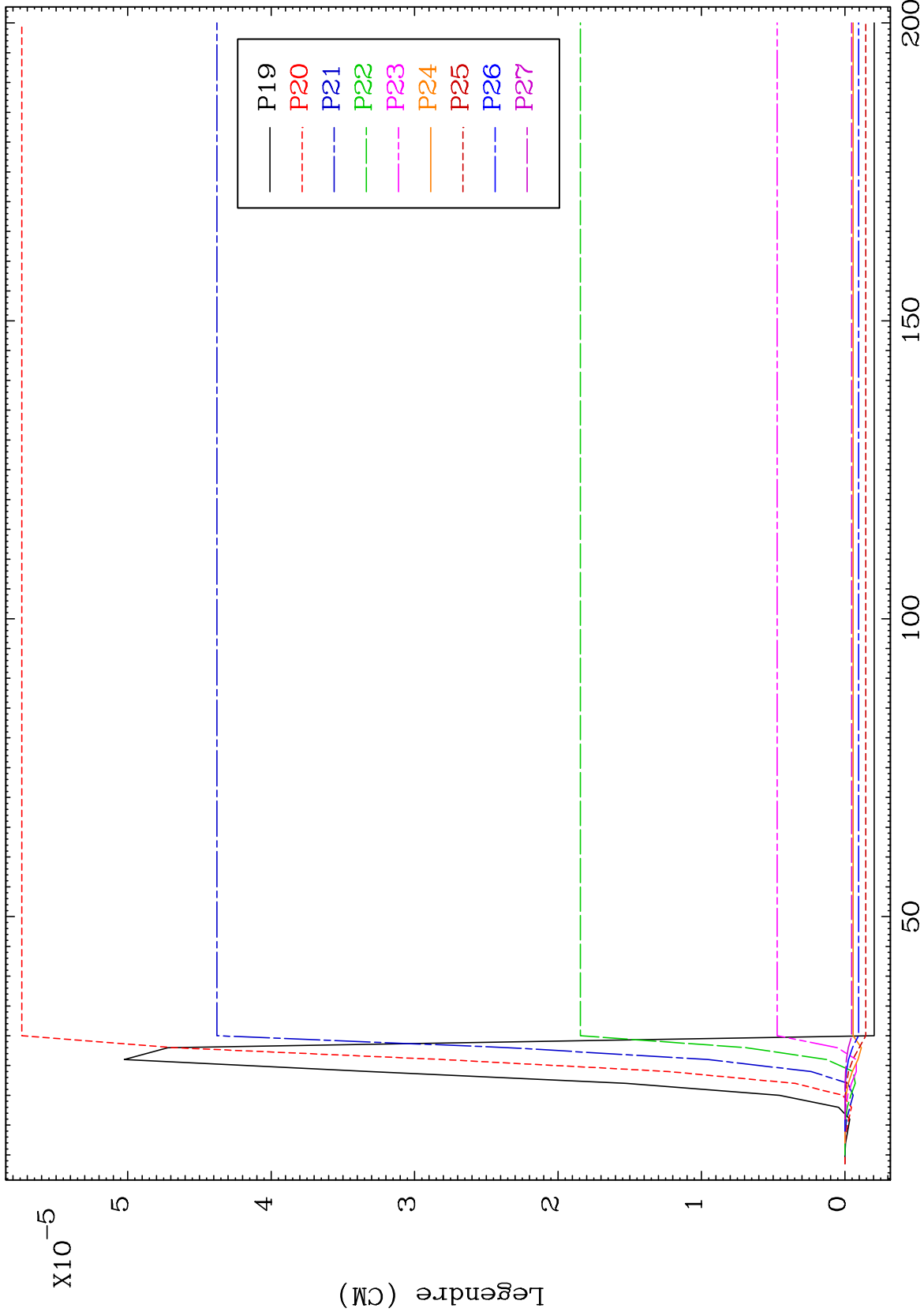
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



35

Incident Energy (MeV)

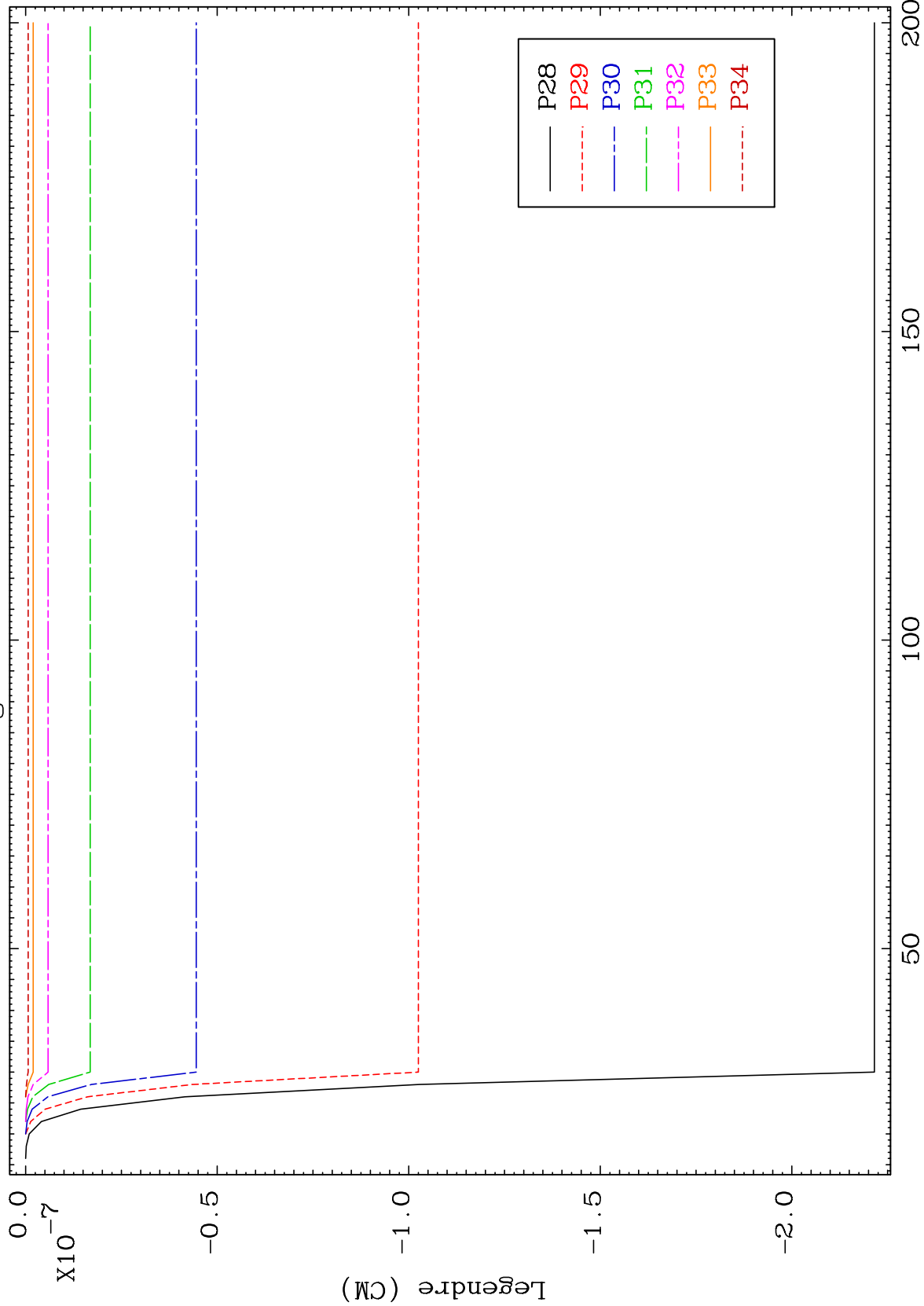
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MAT 6783

MT= 55 (n,n') Level

68-Er-148

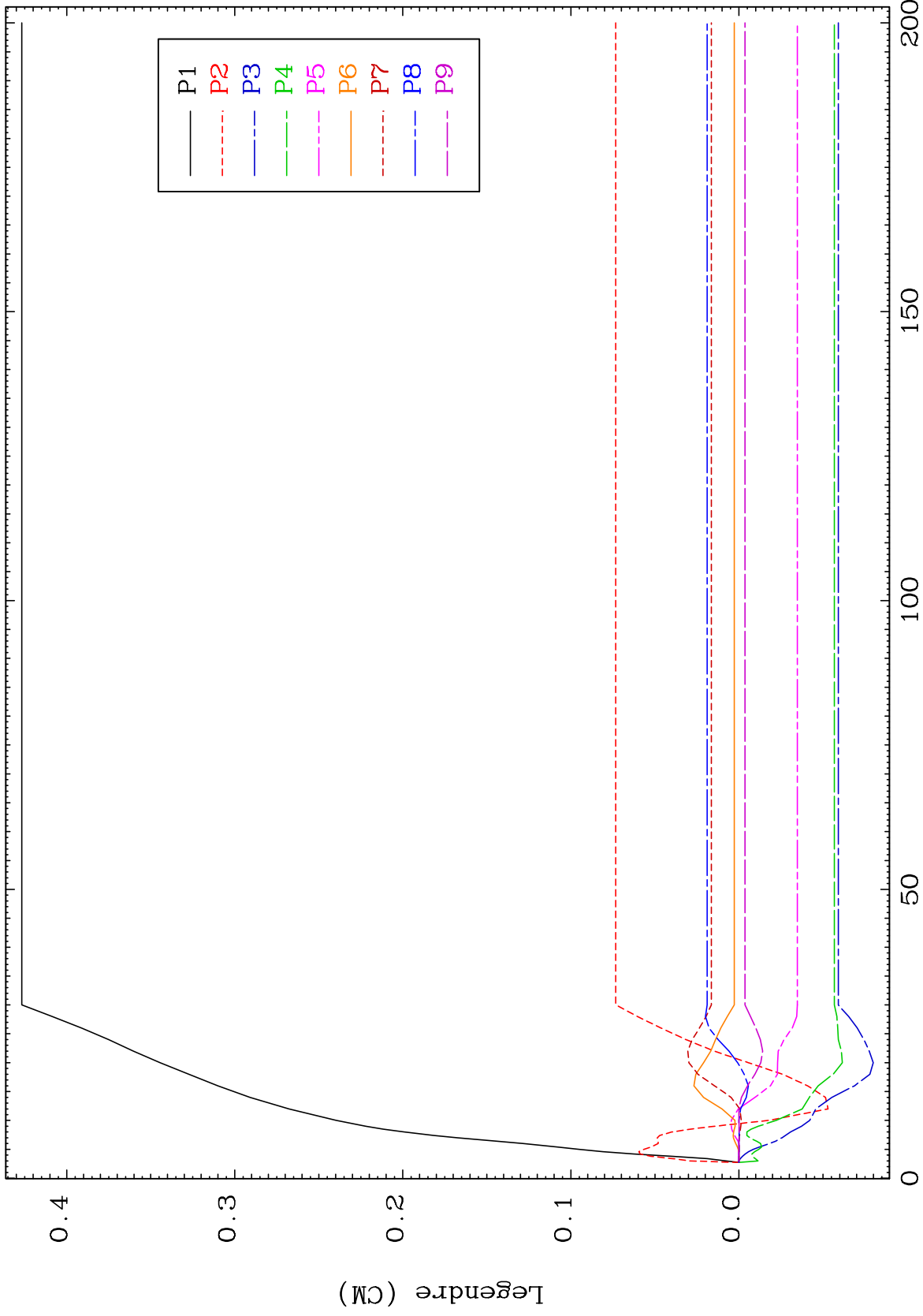
Legendre Coefficients



MAT 6783

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

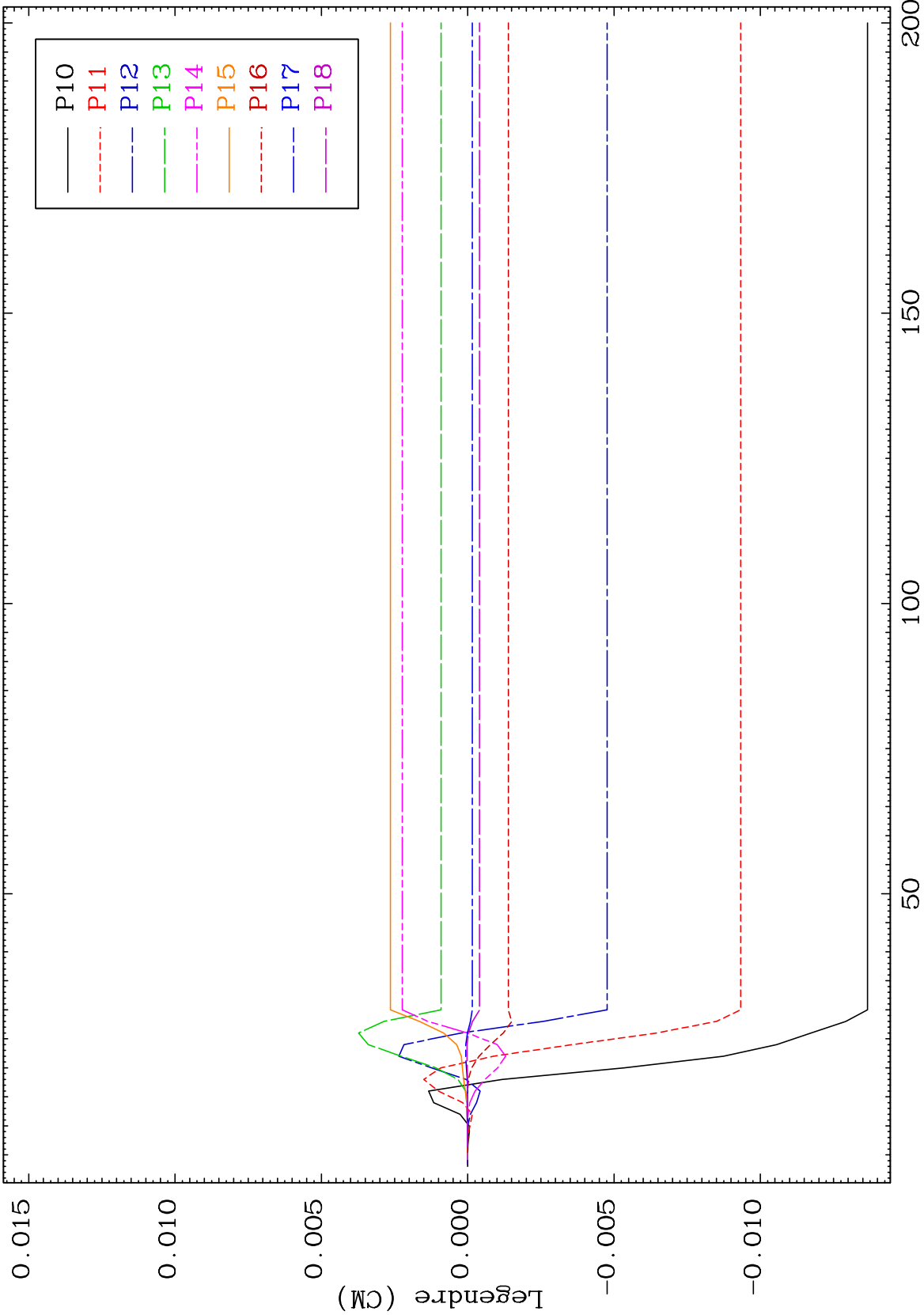
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37

Incident Energy (MeV)

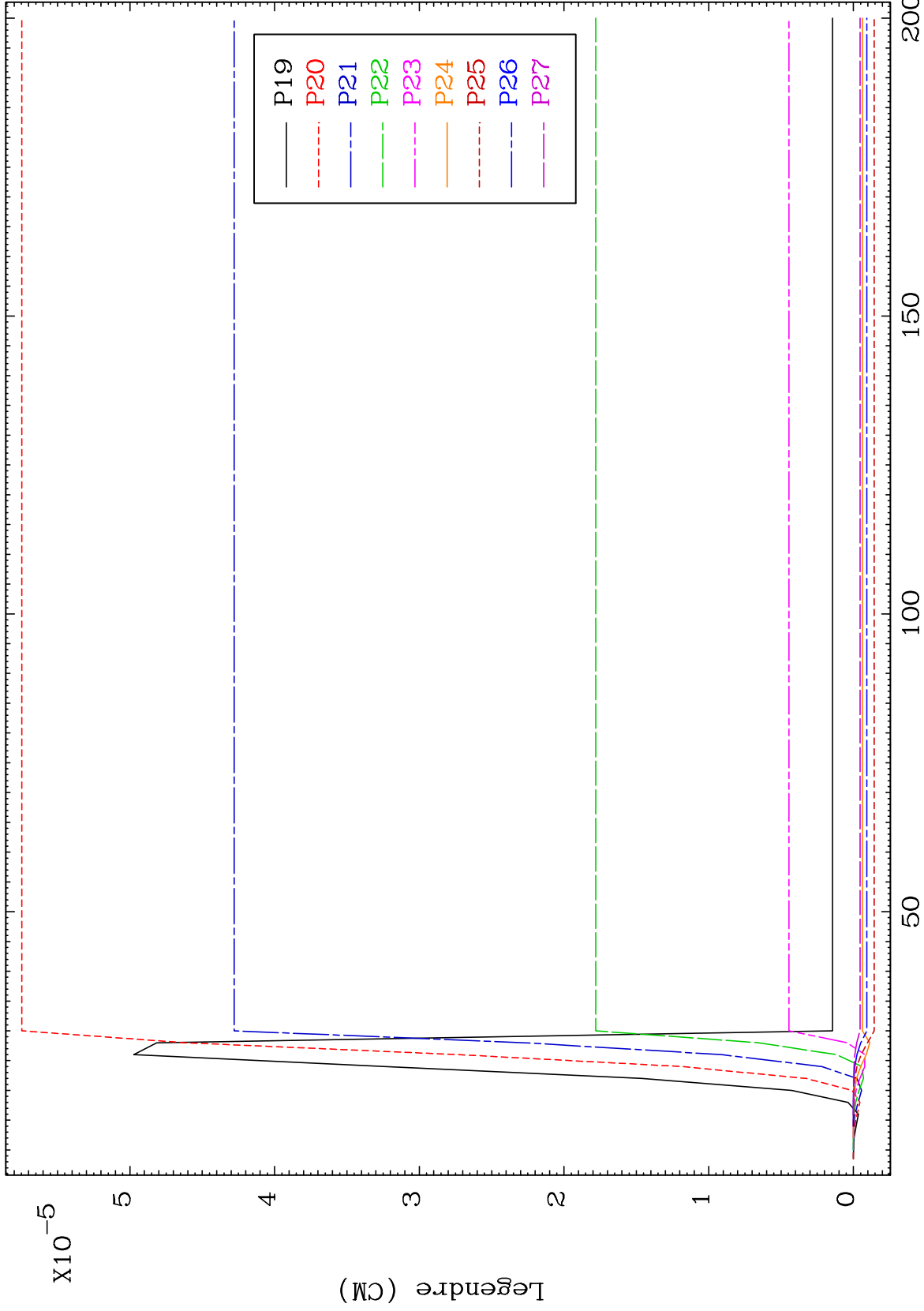
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MAT 6783

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

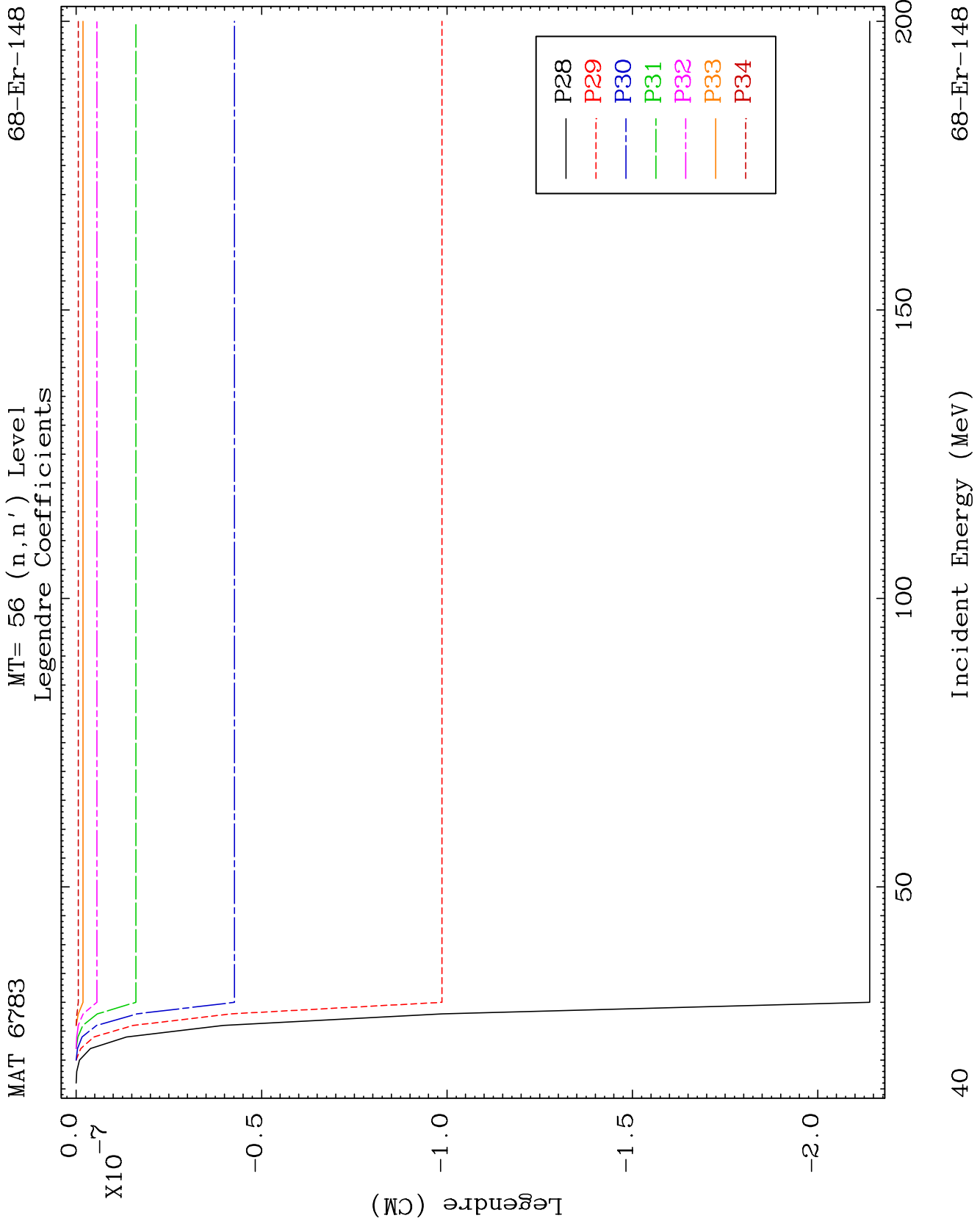
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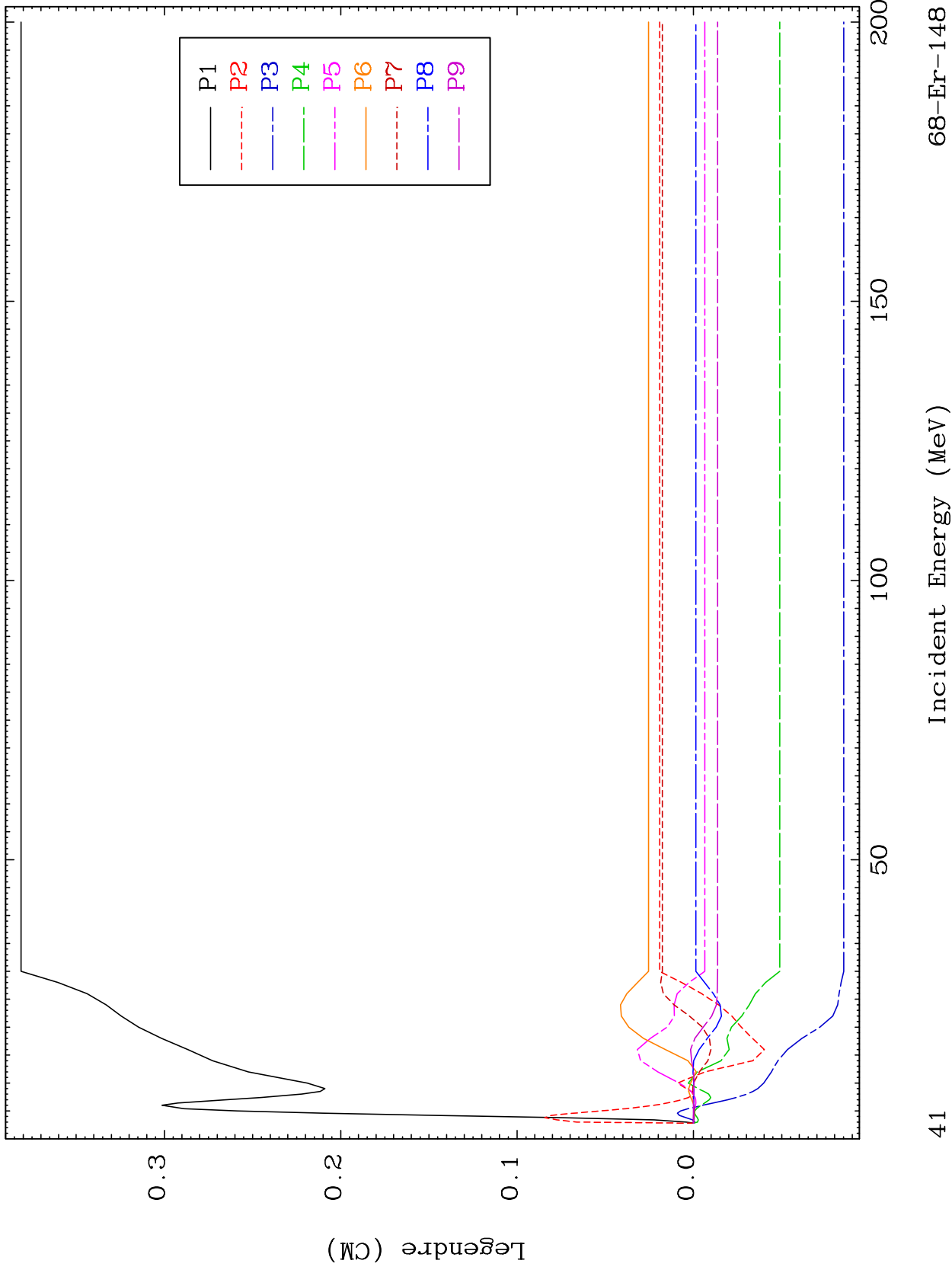


39

Incident Energy (MeV)

68-Er-148

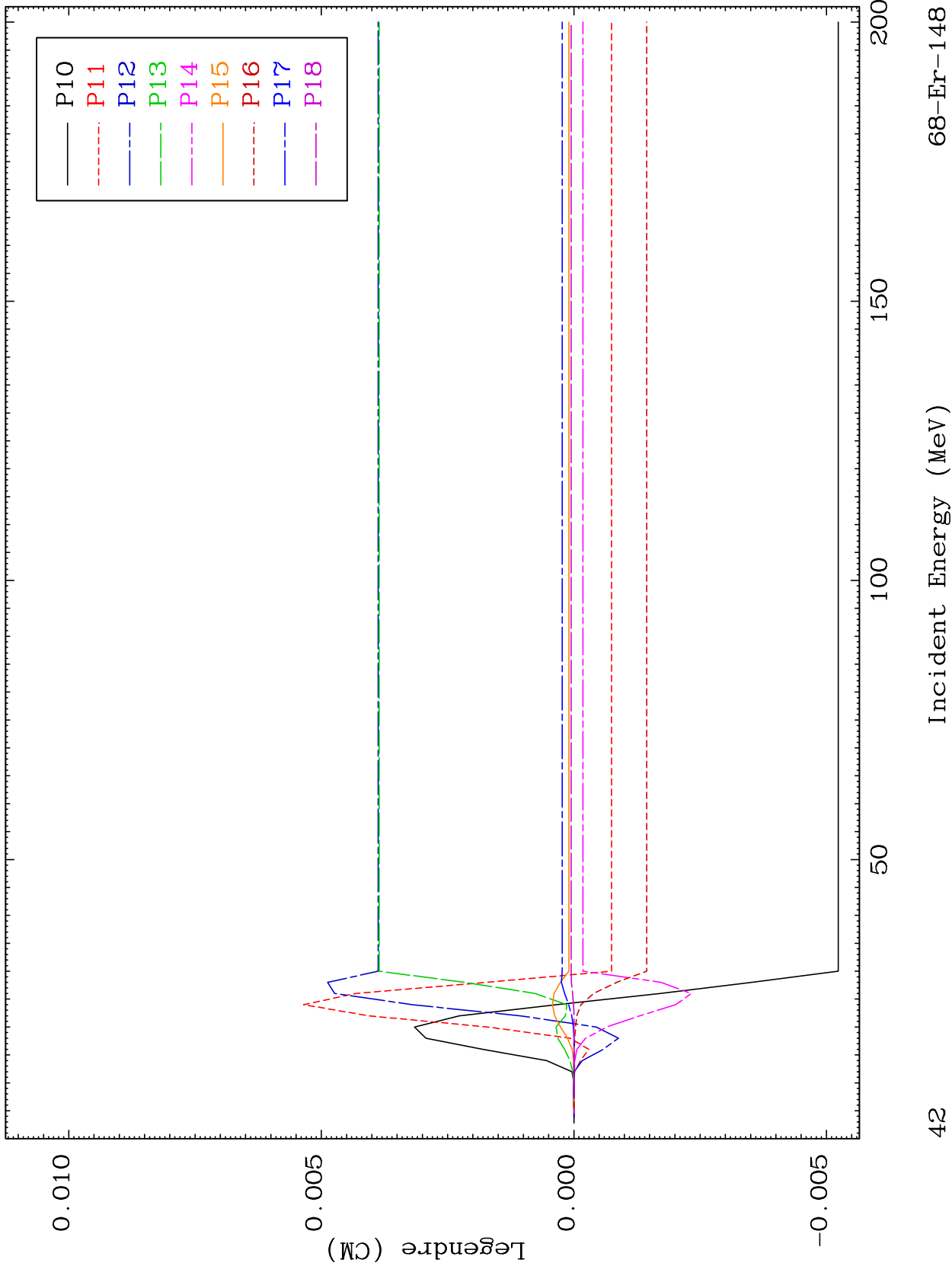




MAT 6783

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

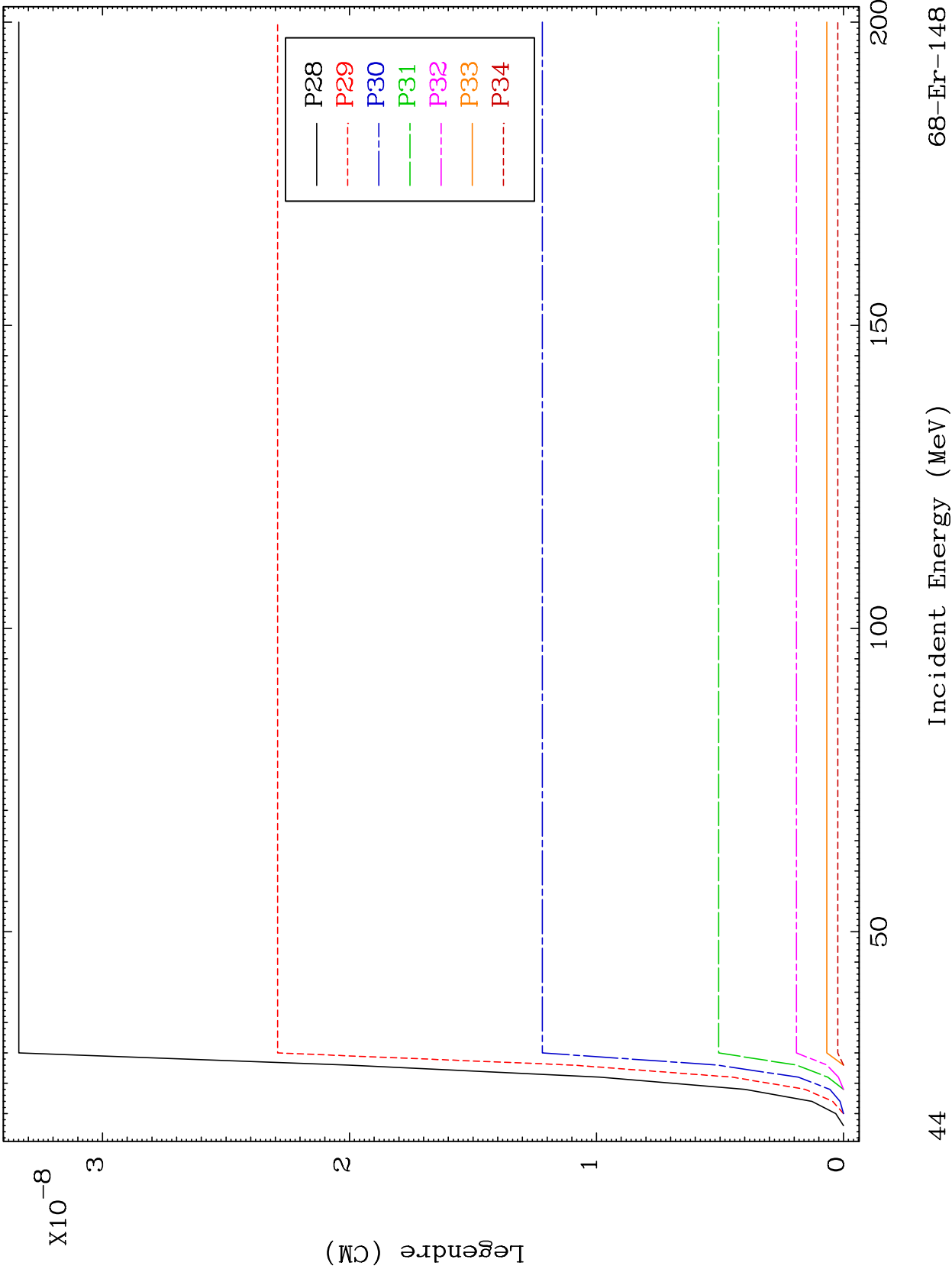
68-Er-148



42

Incident Energy (MeV)

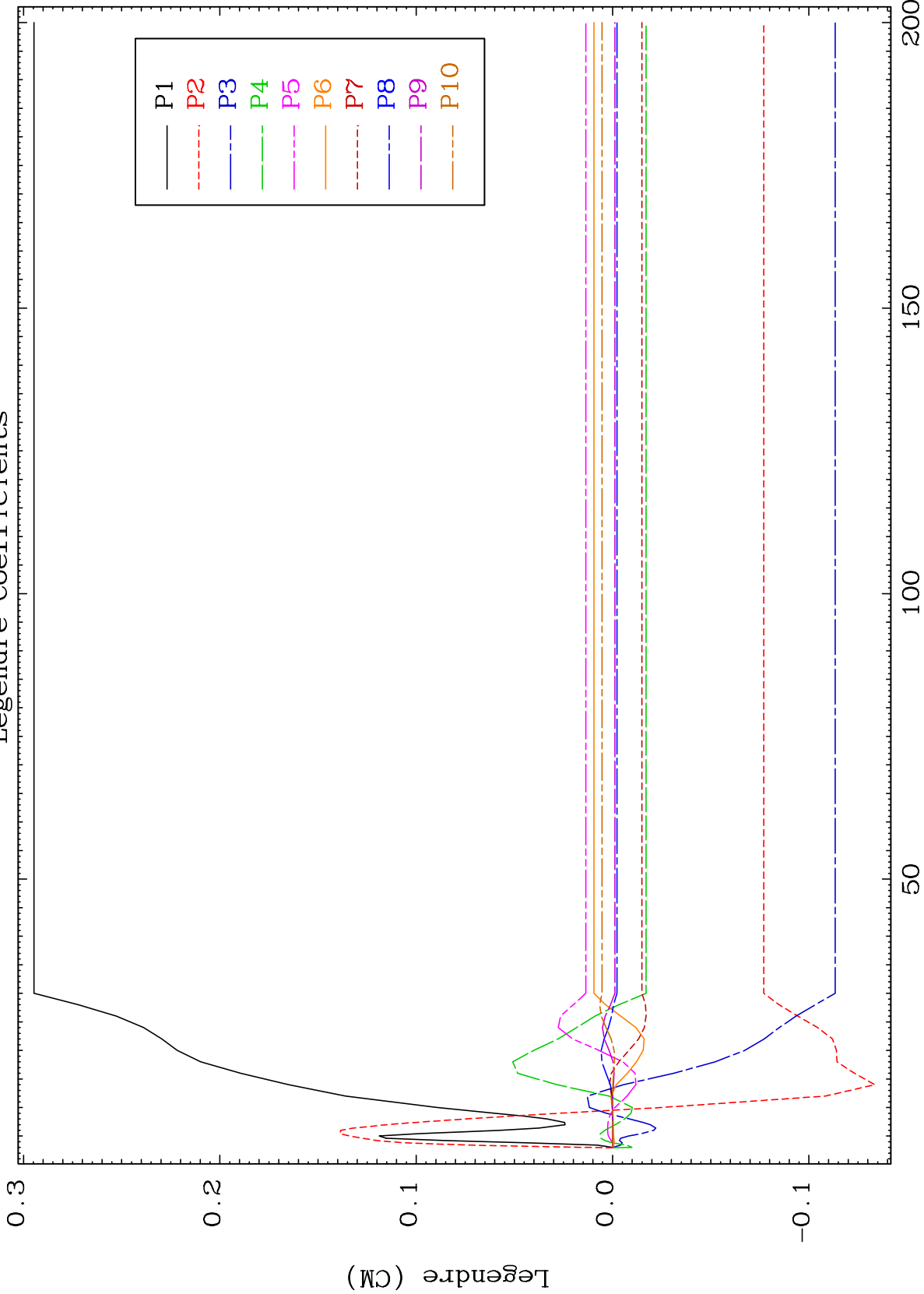
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MAT 6783

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

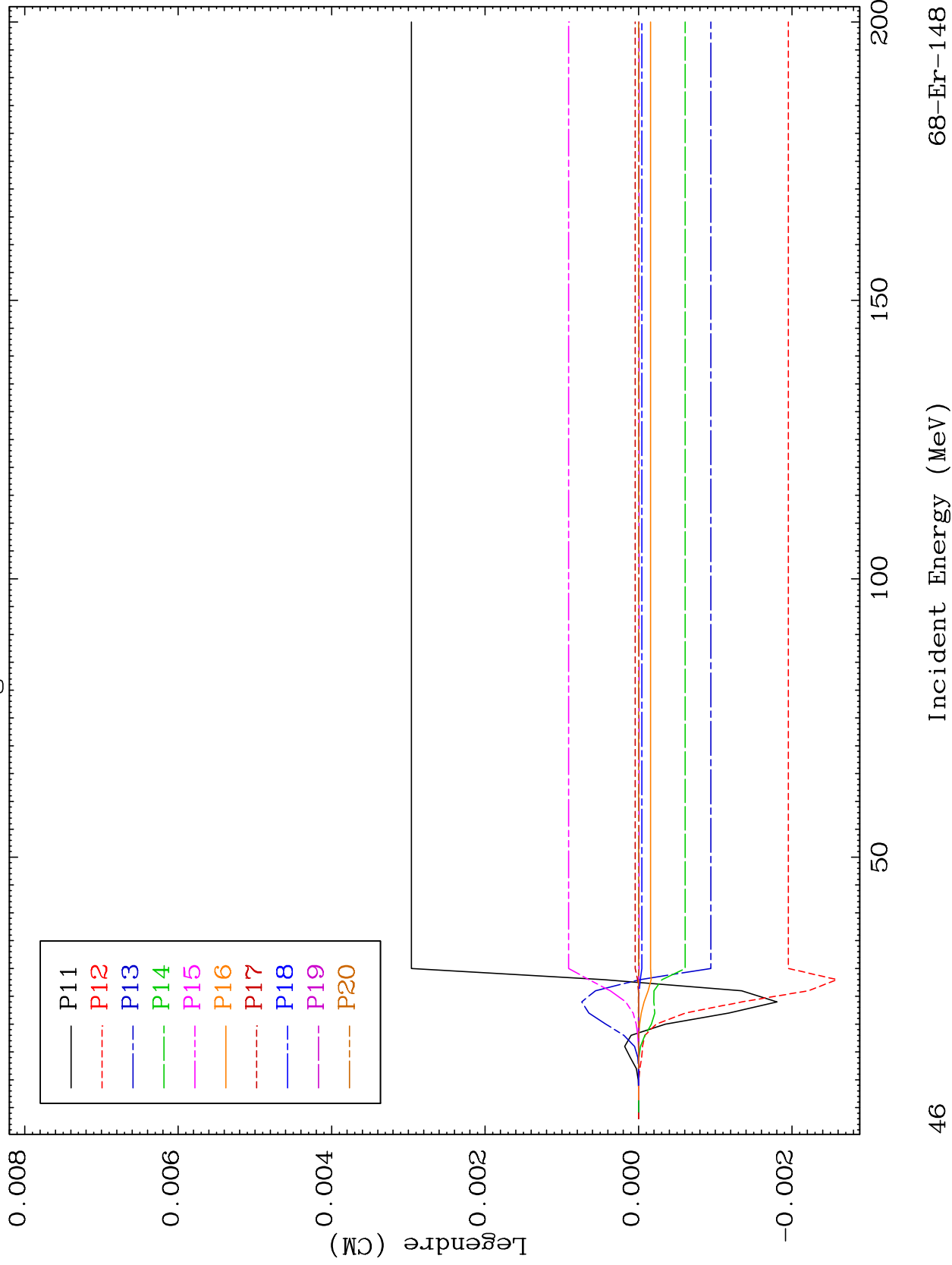
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45

Incident Energy (MeV)

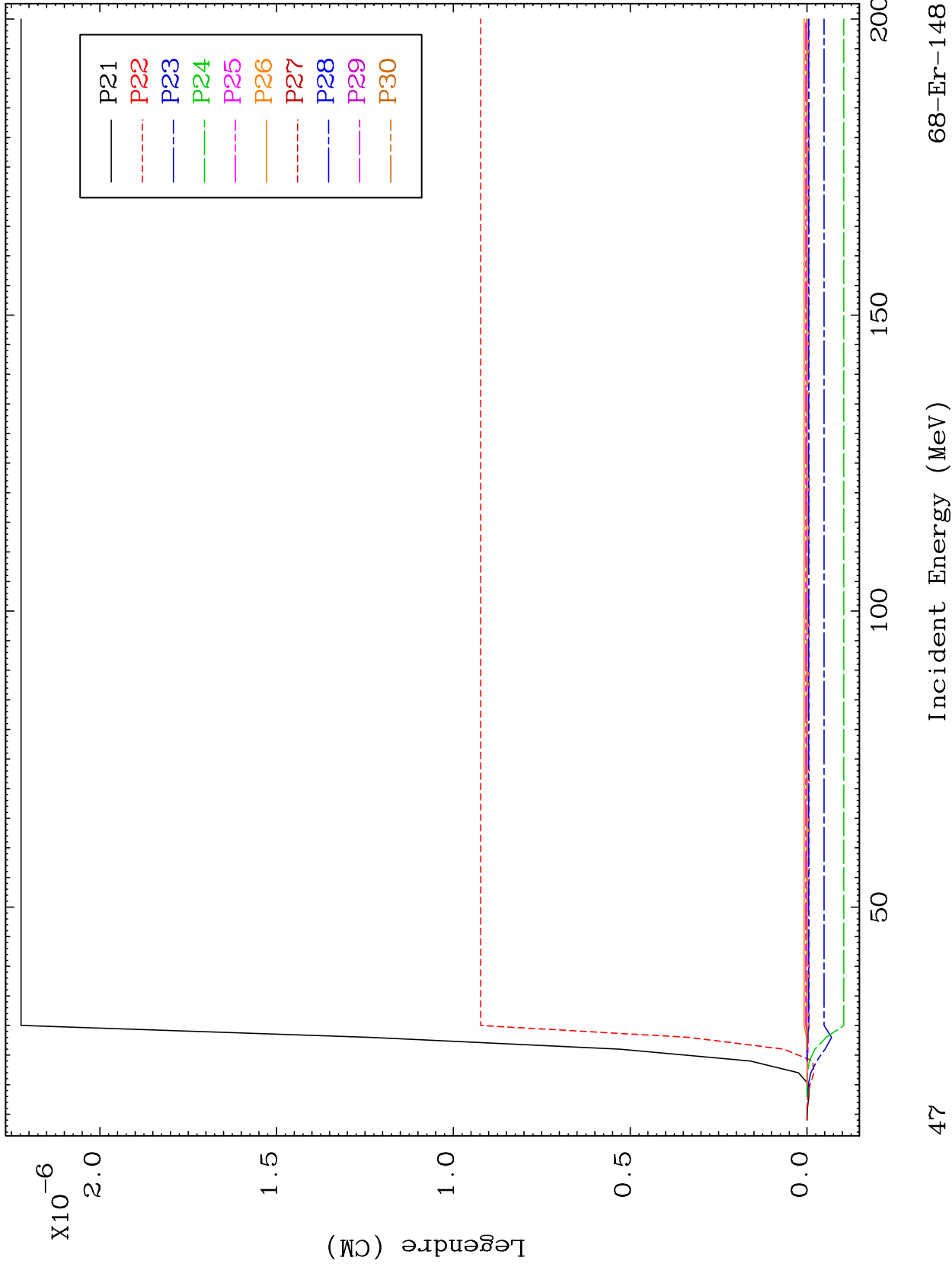
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MAT 6783

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

68-Er-148



47

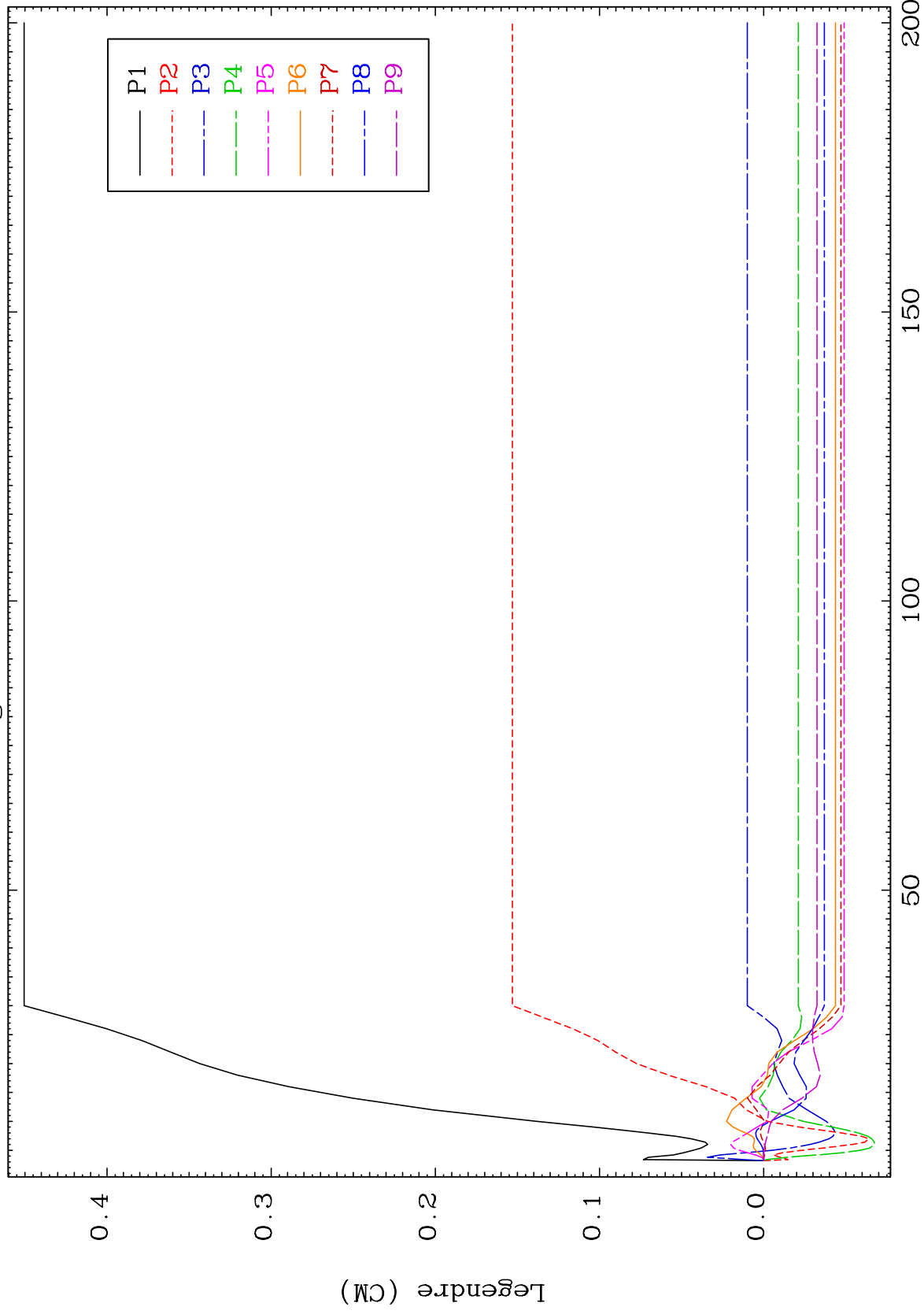
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



48

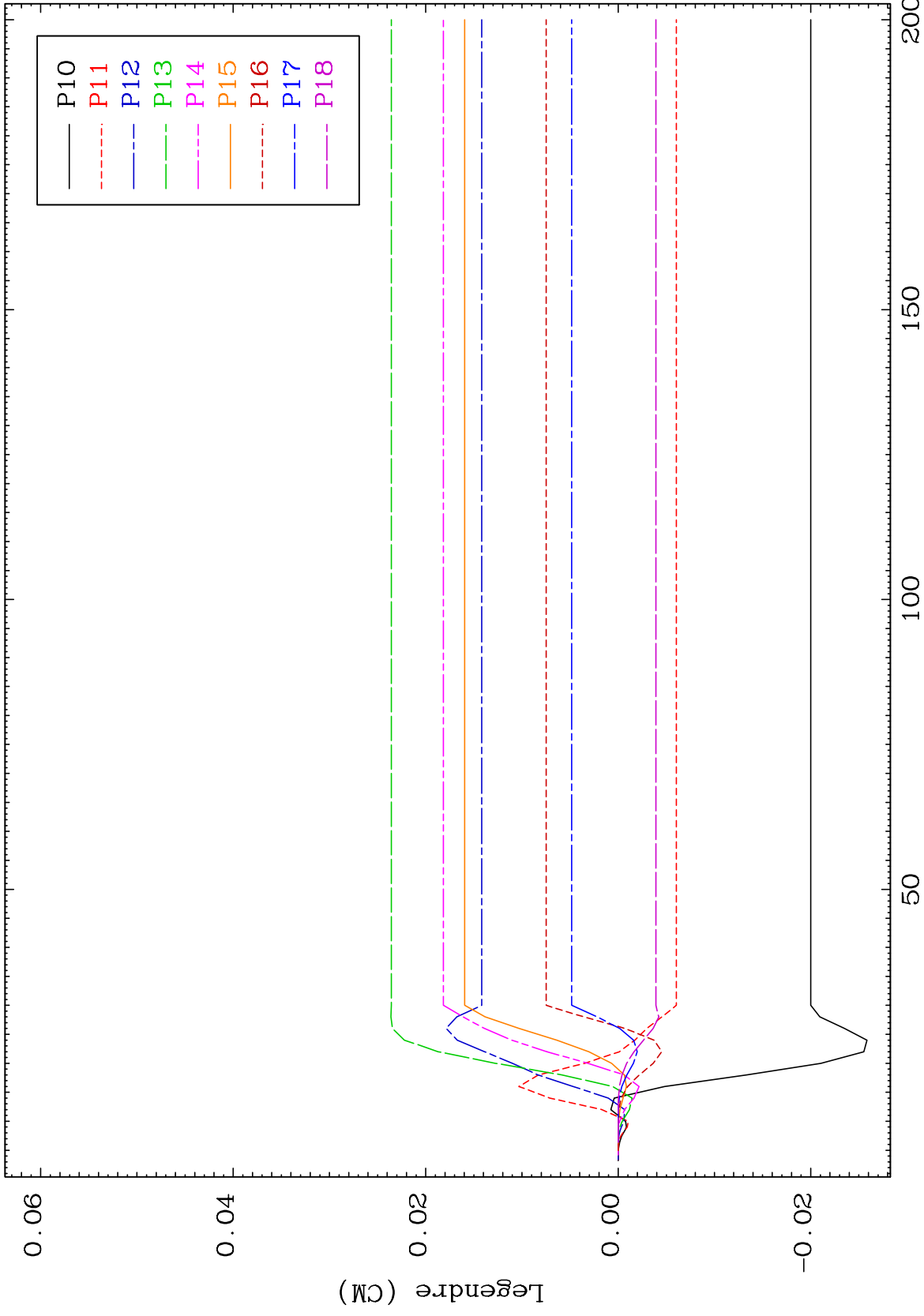
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



49

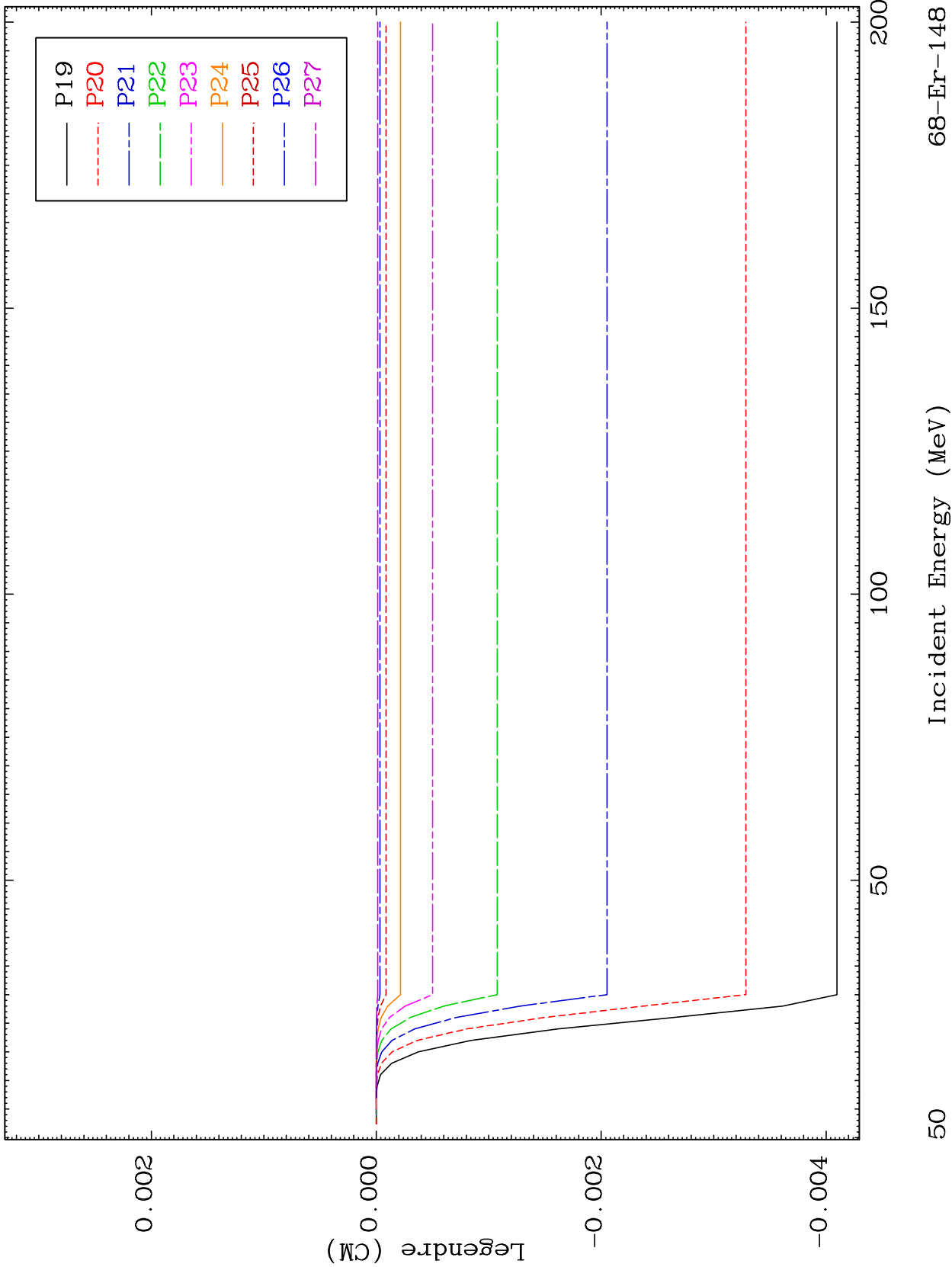
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



50

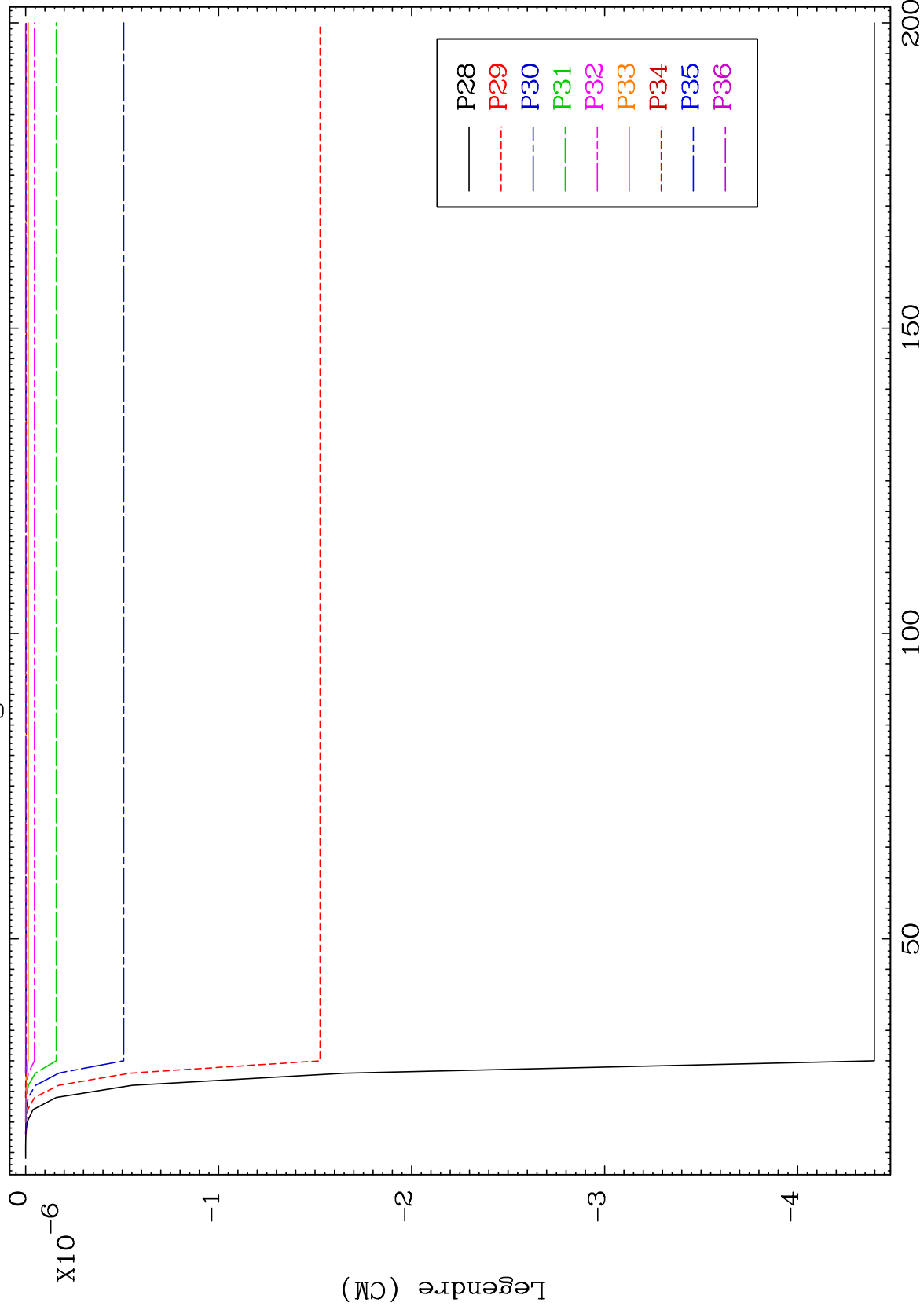
Incident Energy (MeV)

68-Er-148

MAT 6783

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

68-Er-148



51

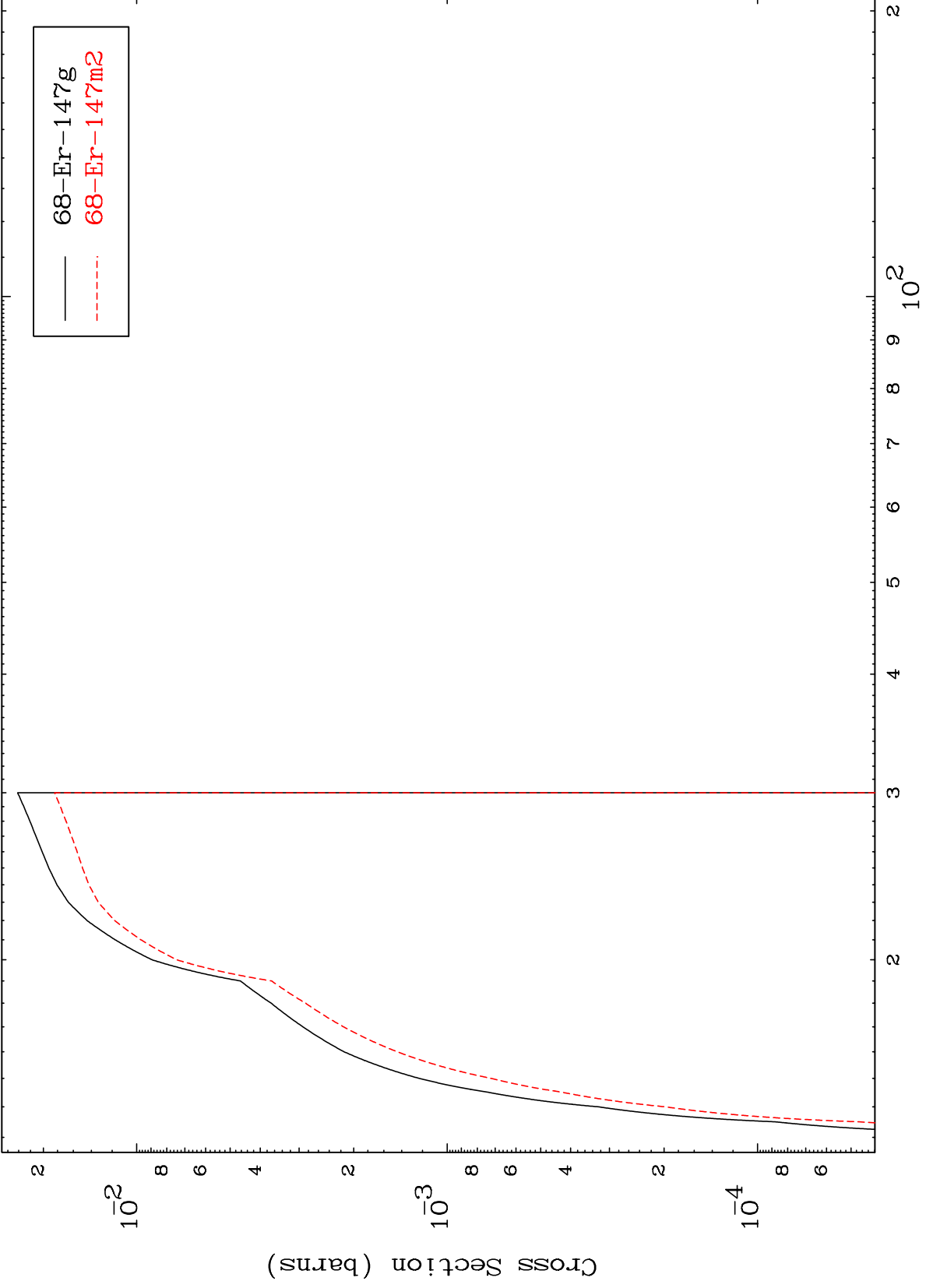
Incident Energy (MeV)

68-Er-148

MAT 6783

68-Er-148

(n,2n)
Radionuclide Production Cross Section



52

Incident Energy (MeV)

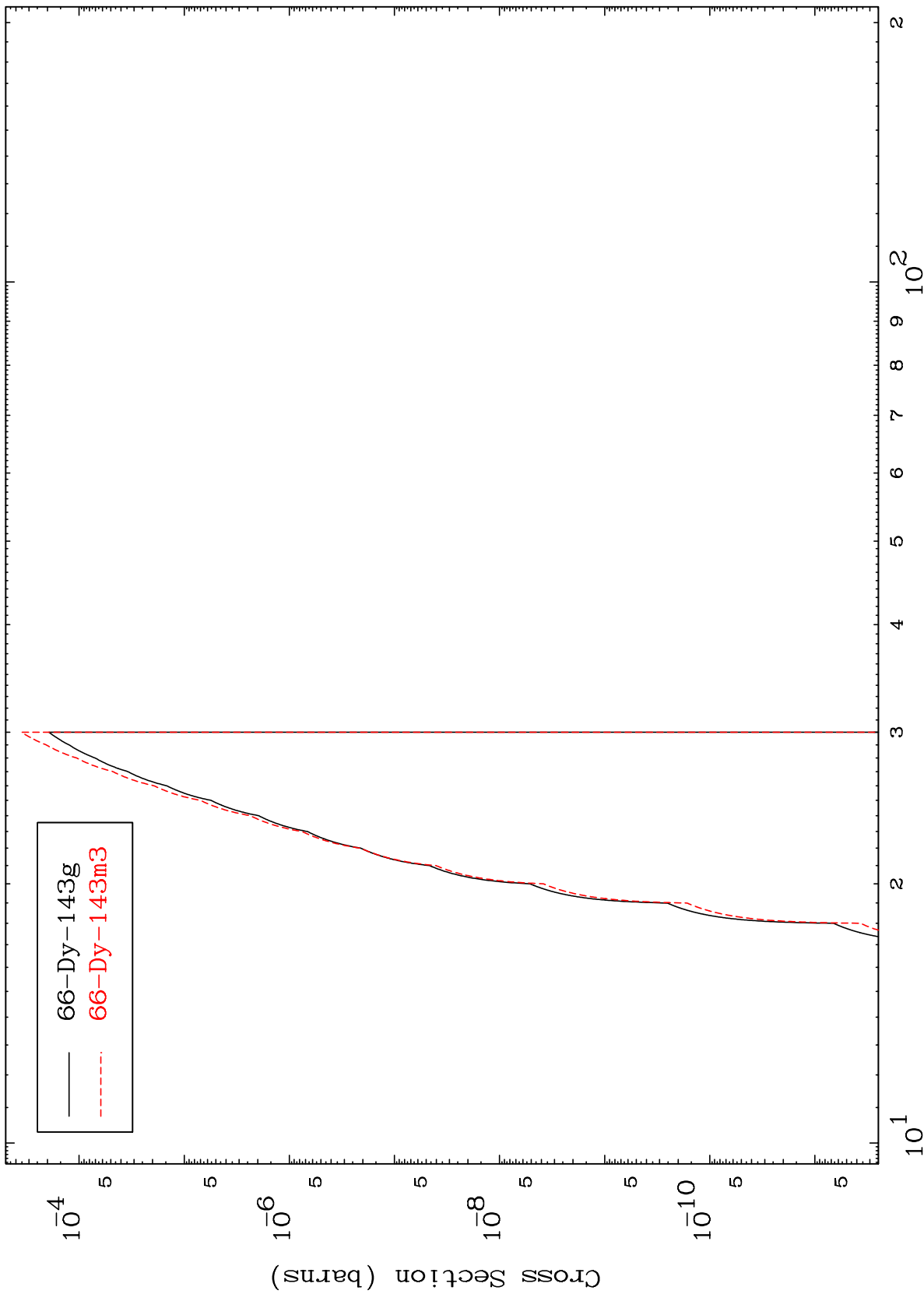
68-Er-148

MAT 6783

(n,2n) α

68-Er-148

Radionuclide Production Cross Section



66-Dy-143g
66-Dy-143m3

53

Incident Energy (MeV)

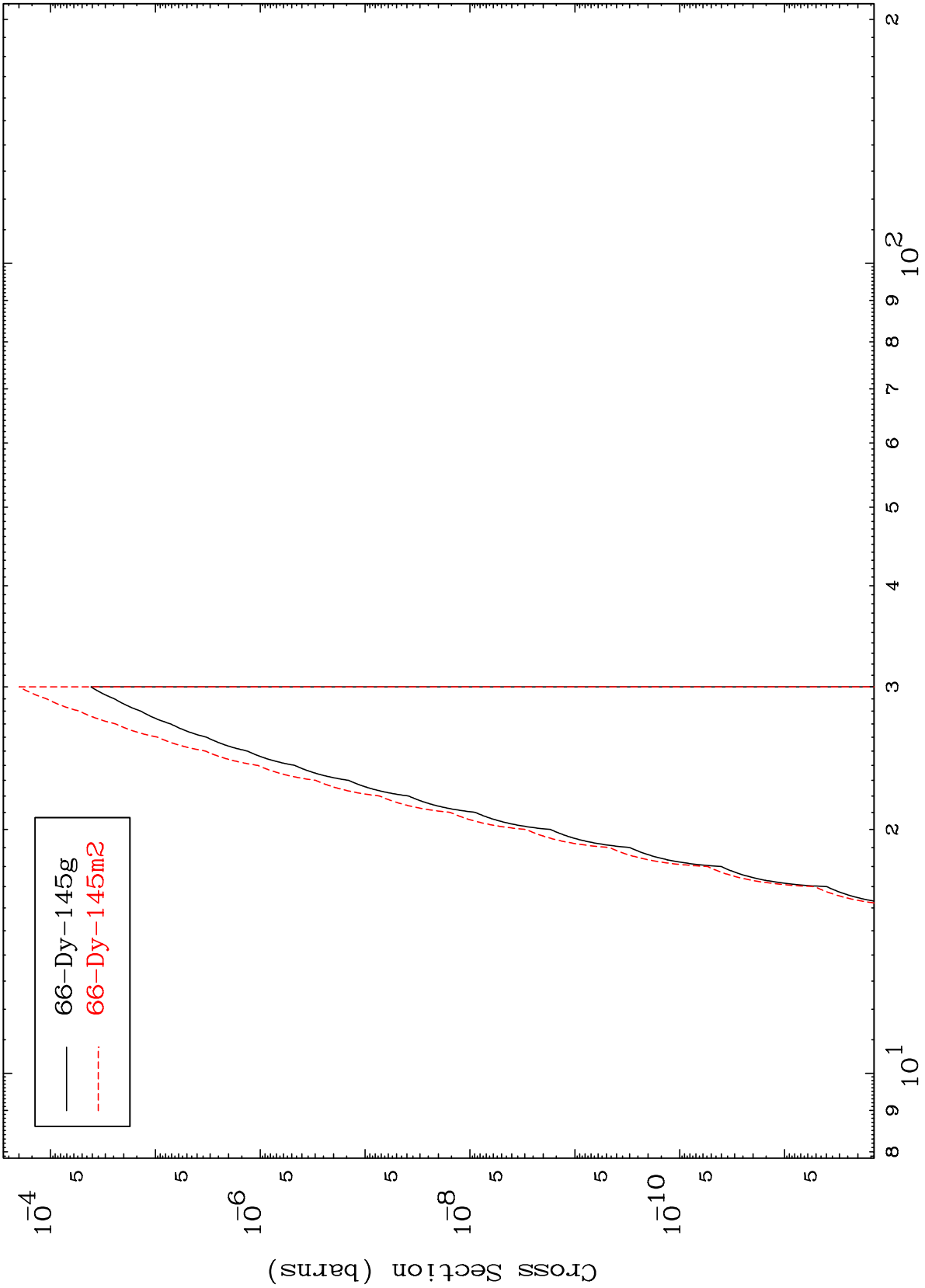
68-Er-148

MAT 6783

(n,n') He-3

68-Er-148

Radionuclide Production Cross Section



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

54

Incident Energy (MeV)

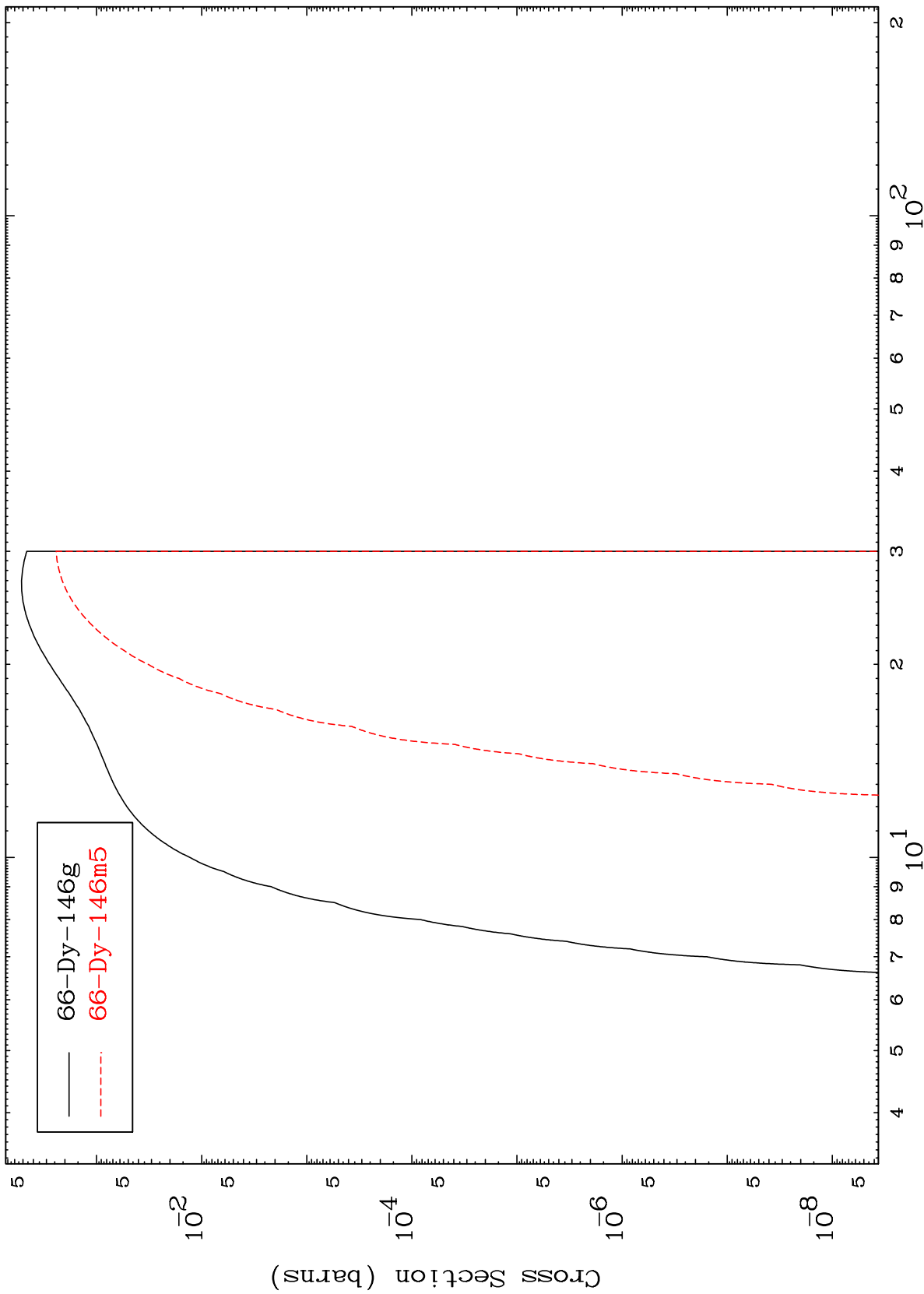
68-Er-148

MAT 6783

(n,2n) p

68-Er-148

Radionuclide Production Cross Section



55

Incident Energy (MeV)

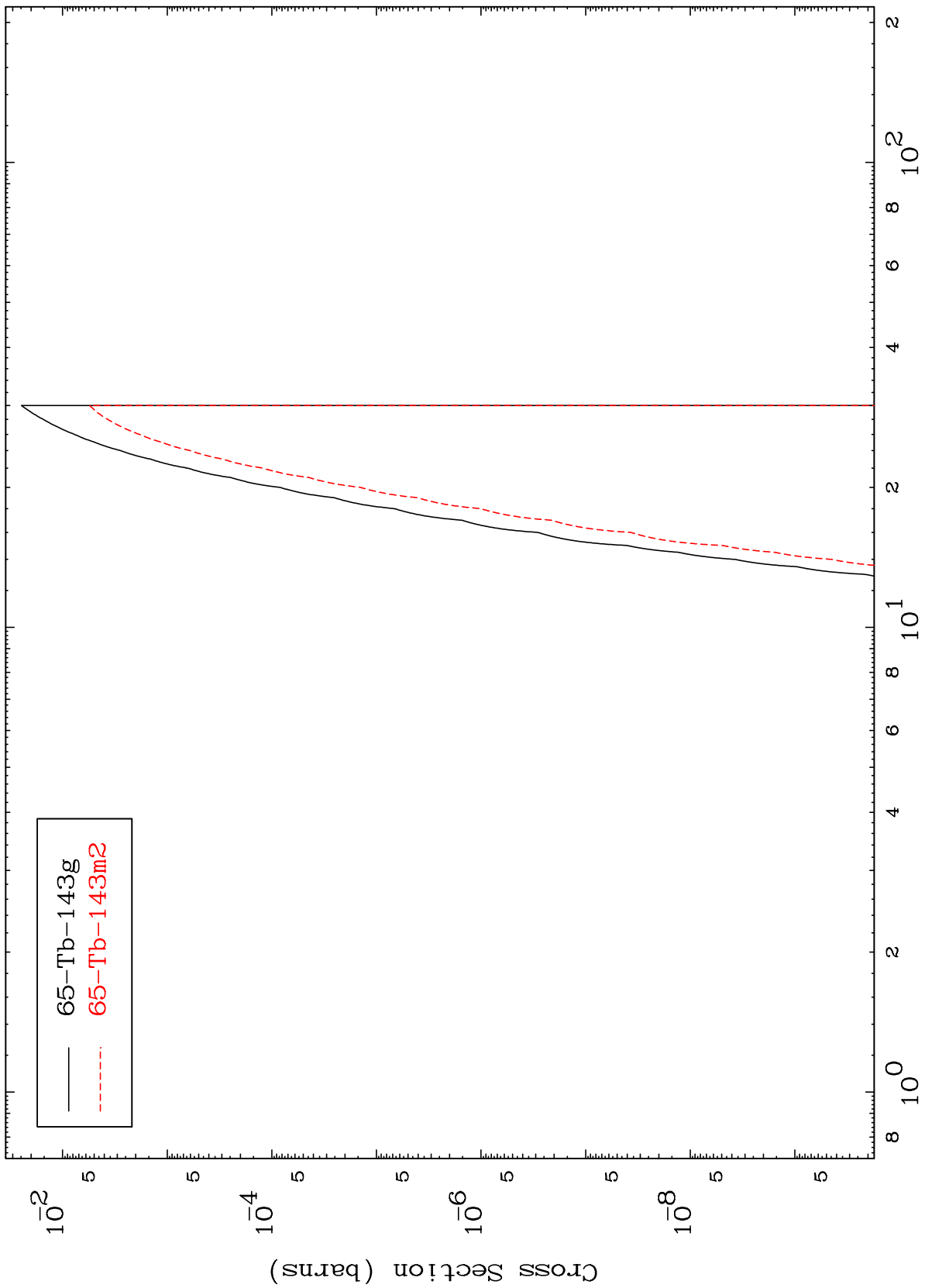
68-Er-148

MAT 6783

(n,n') p α

68-Er-148

Radionuclide Production Cross Section



56

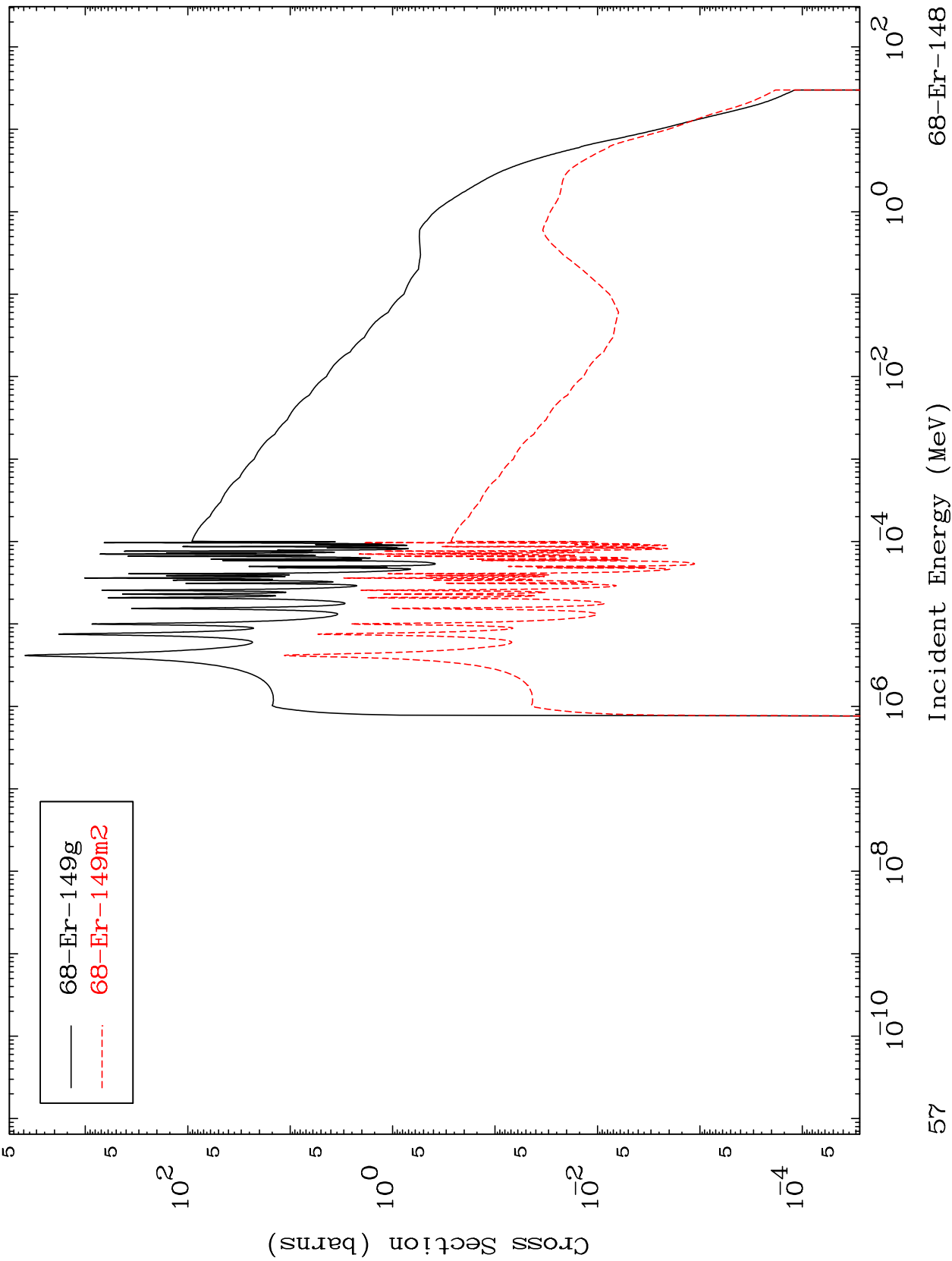
Incident Energy (MeV)

68-Er-148

MAT 6783

68-Er-148

(n, γ)
Radionuclide Production Cross Section



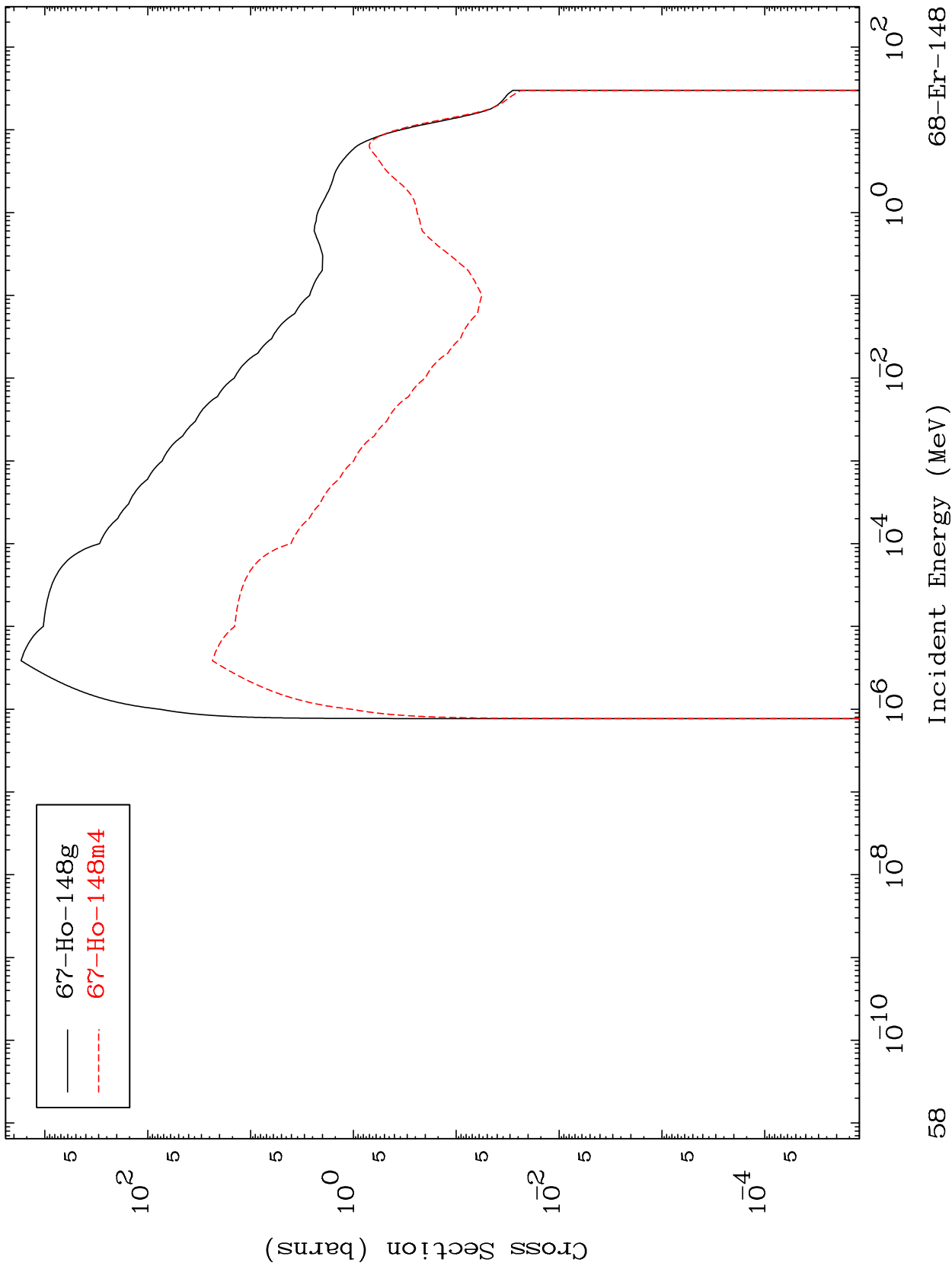
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68-Er-148

MAT 6783

68-Er-148

(n,p)
Radionuclide Production Cross Section



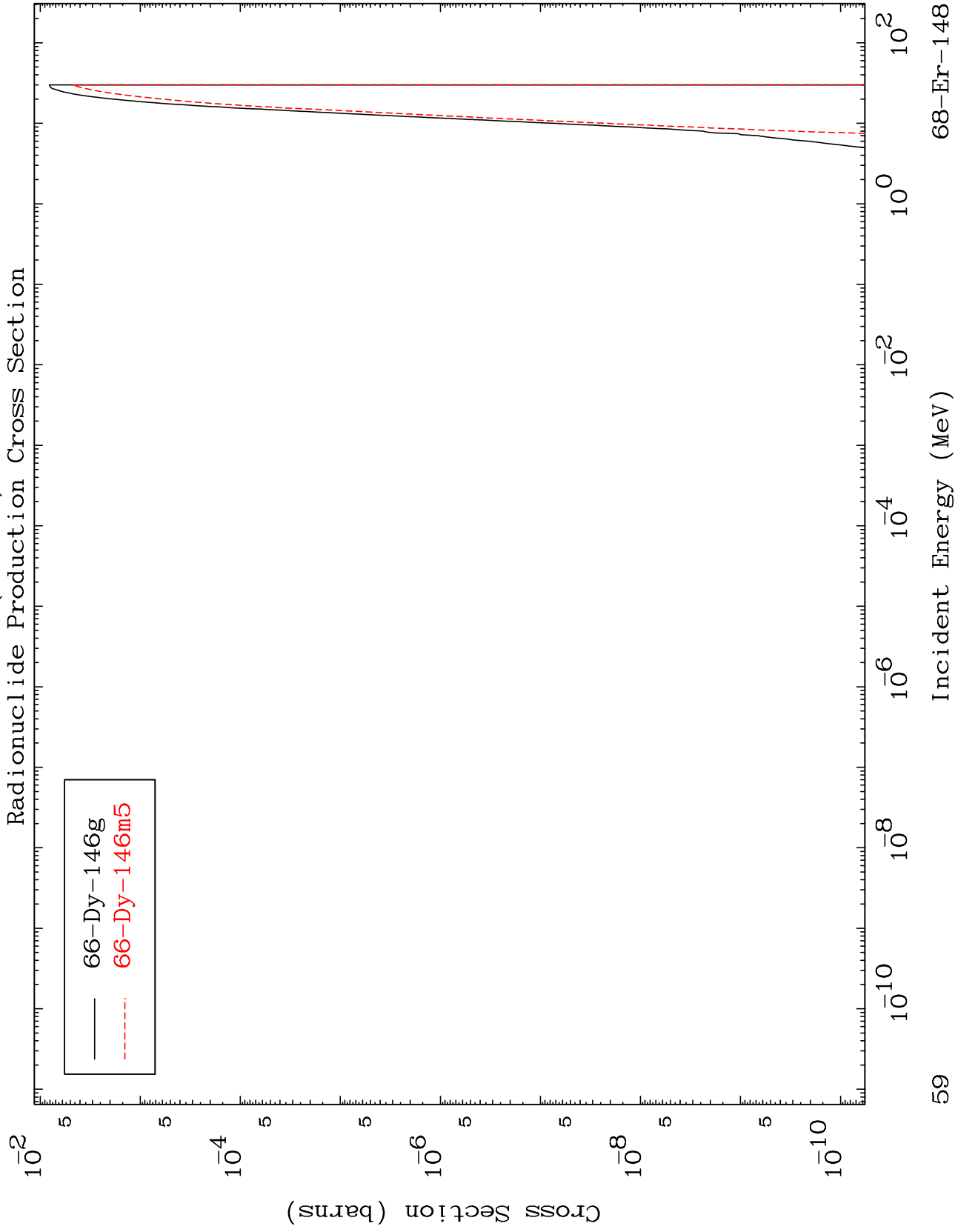
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68-Er-148

MAT 6783

(n,He-3)

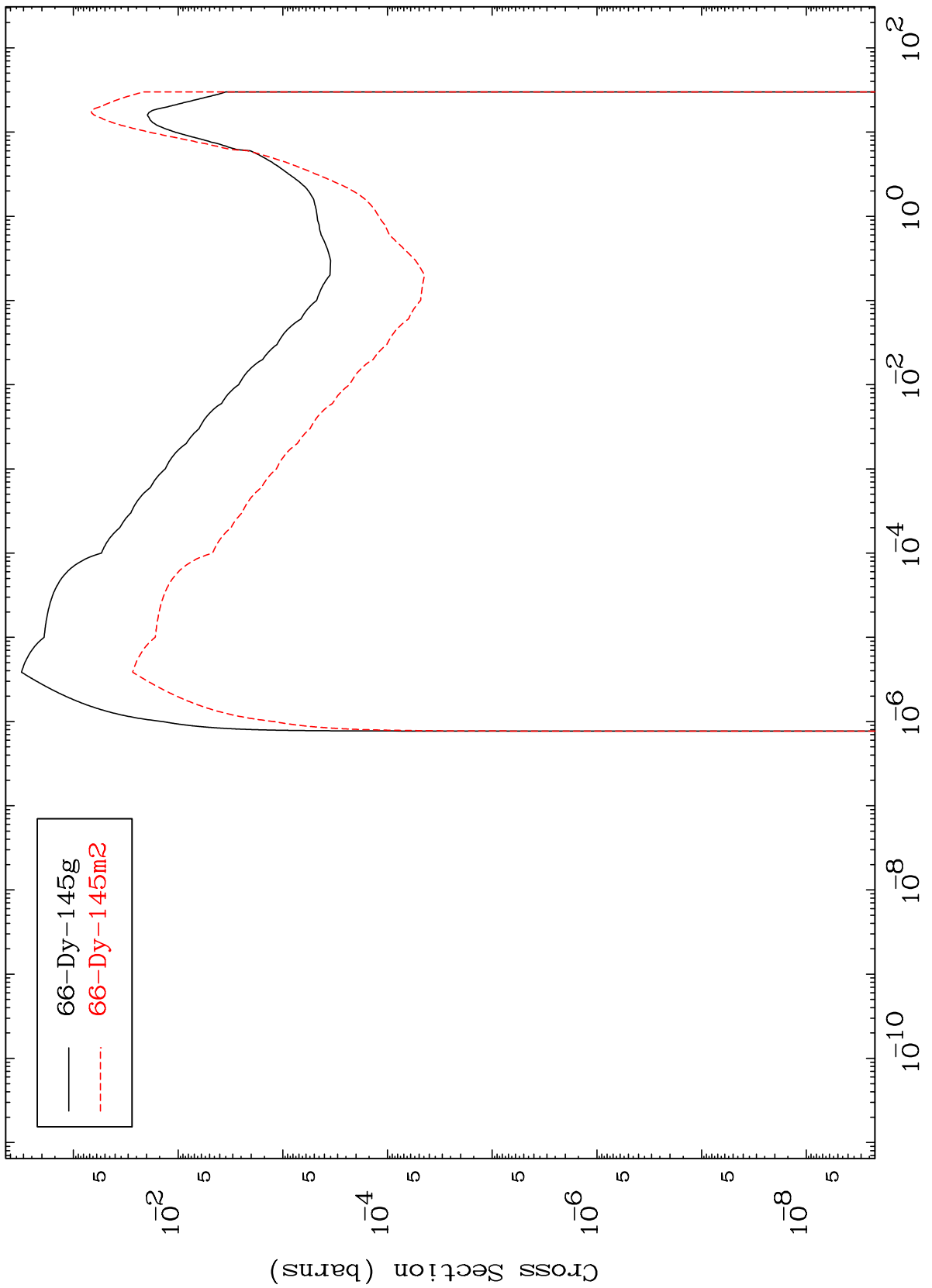
68-Er-148



MAT 6783

68-Er-148

Radionuclide Production Cross Section



— 66-Dy-145g
- - - 66-Dy-145m2

60

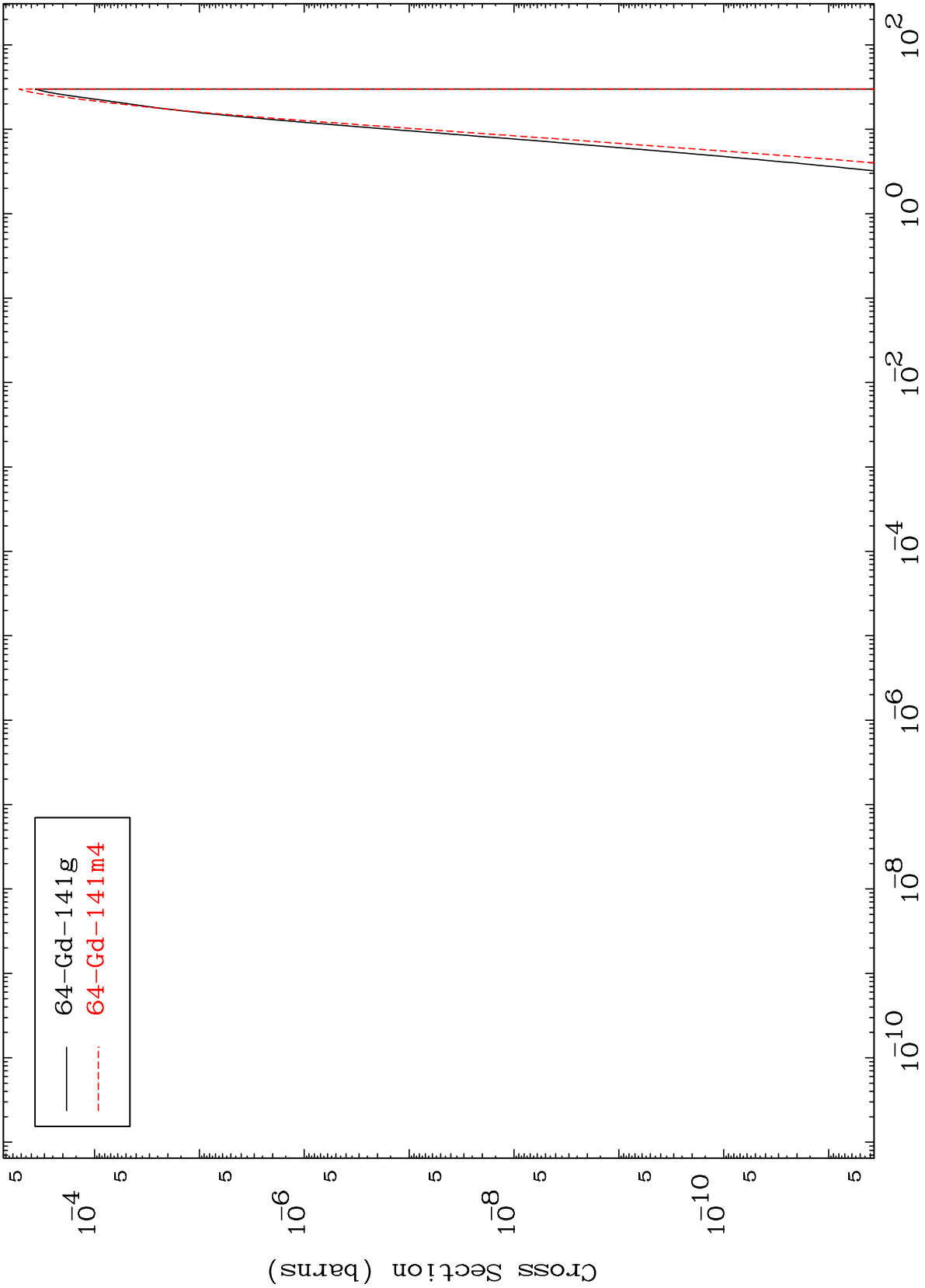
68-Er-148

MAT 6783

(n,2α)

68-Er-148

Radionuclide Production Cross Section



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

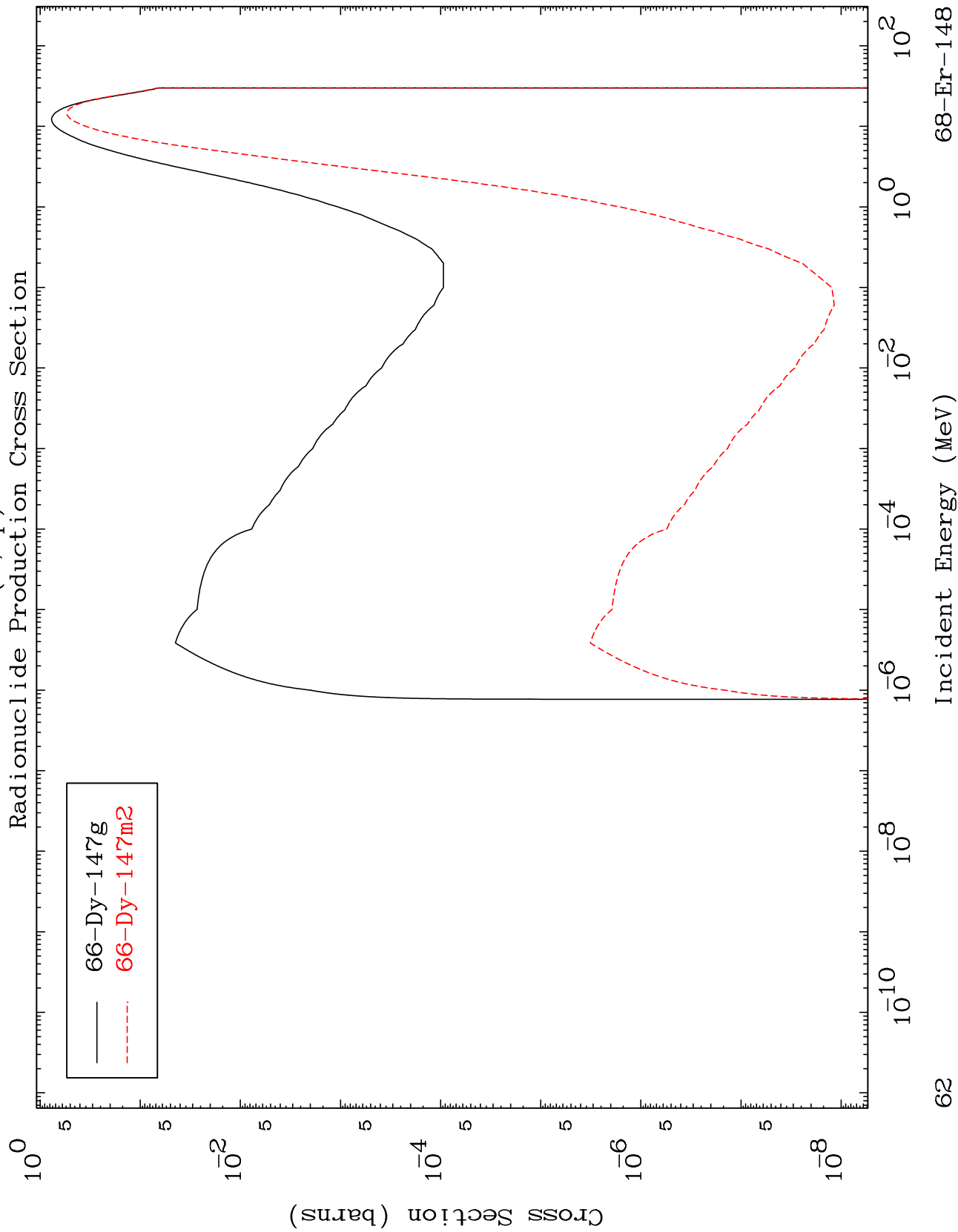
61

Incident Energy (MeV)

68-Er-148

MAT 6783

68-Er-148

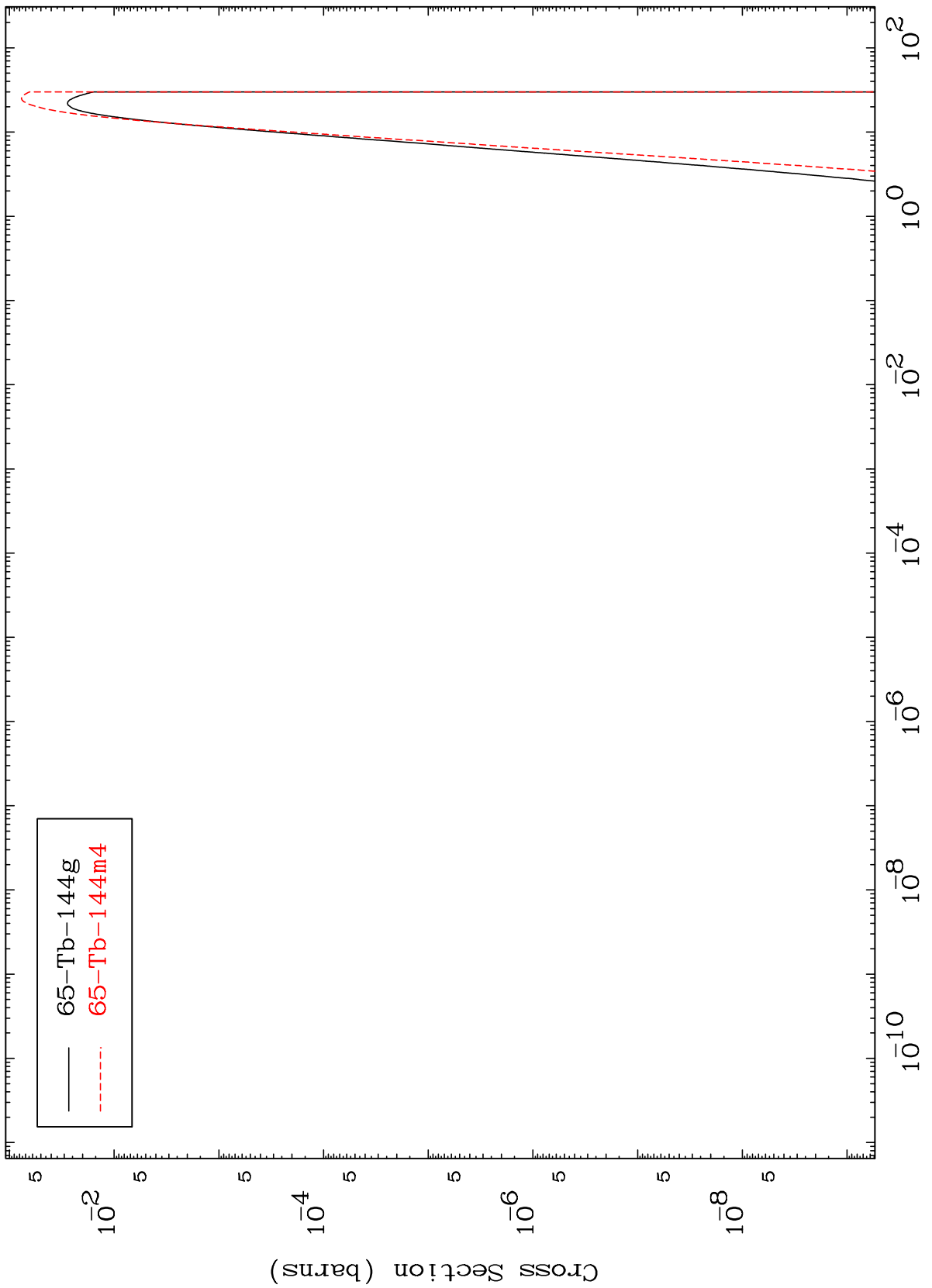


MAT 6783

(n,p) α

68-Er-148

Radionuclide Production Cross Section



63

Incident Energy (MeV)

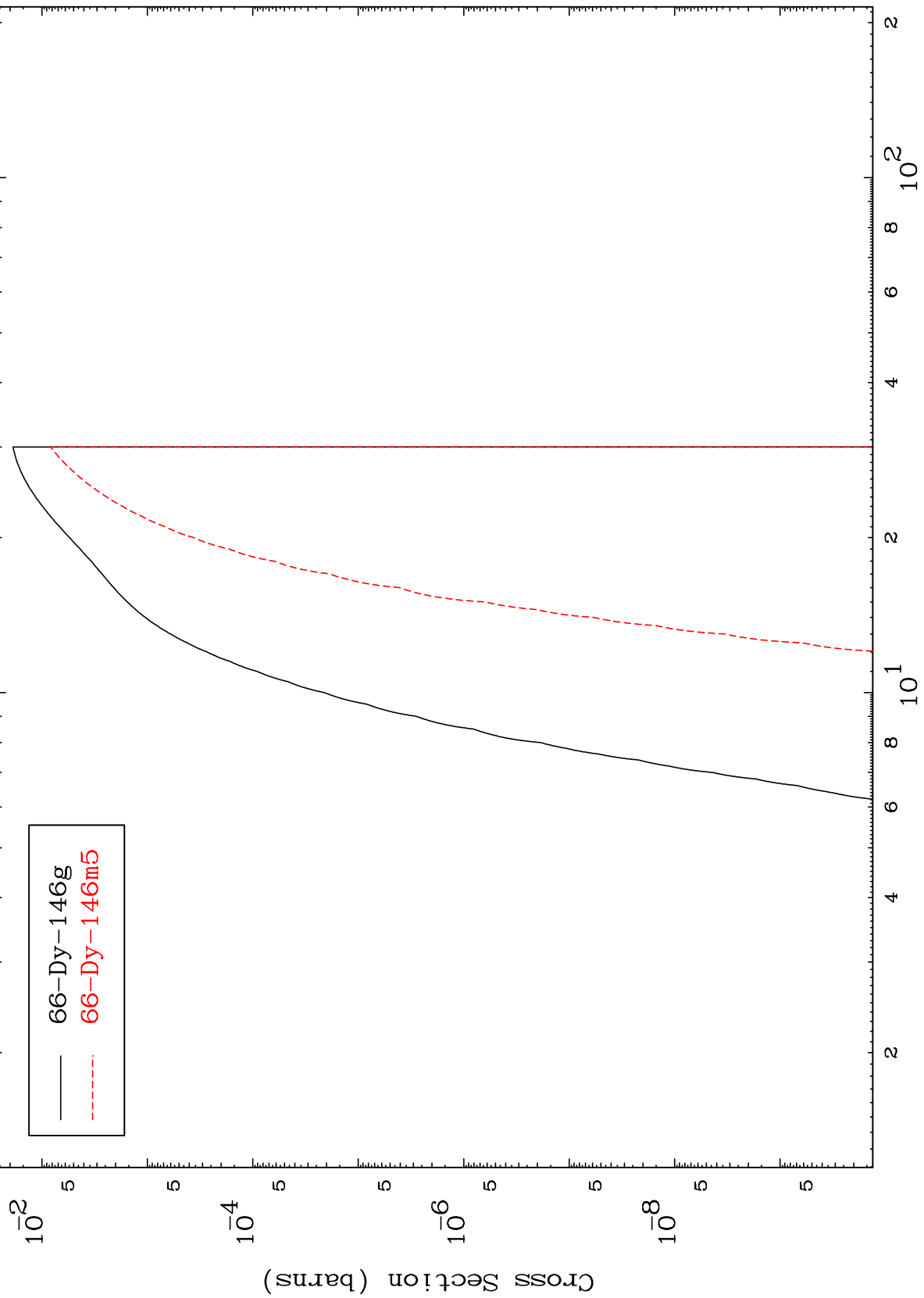
68-Er-148

MAT 6783

(n,p) d

68-Er-148

Radionuclide Production Cross Section



— 66-Dy-146g
- - - 66-Dy-146m5

64

Incident Energy (MeV)

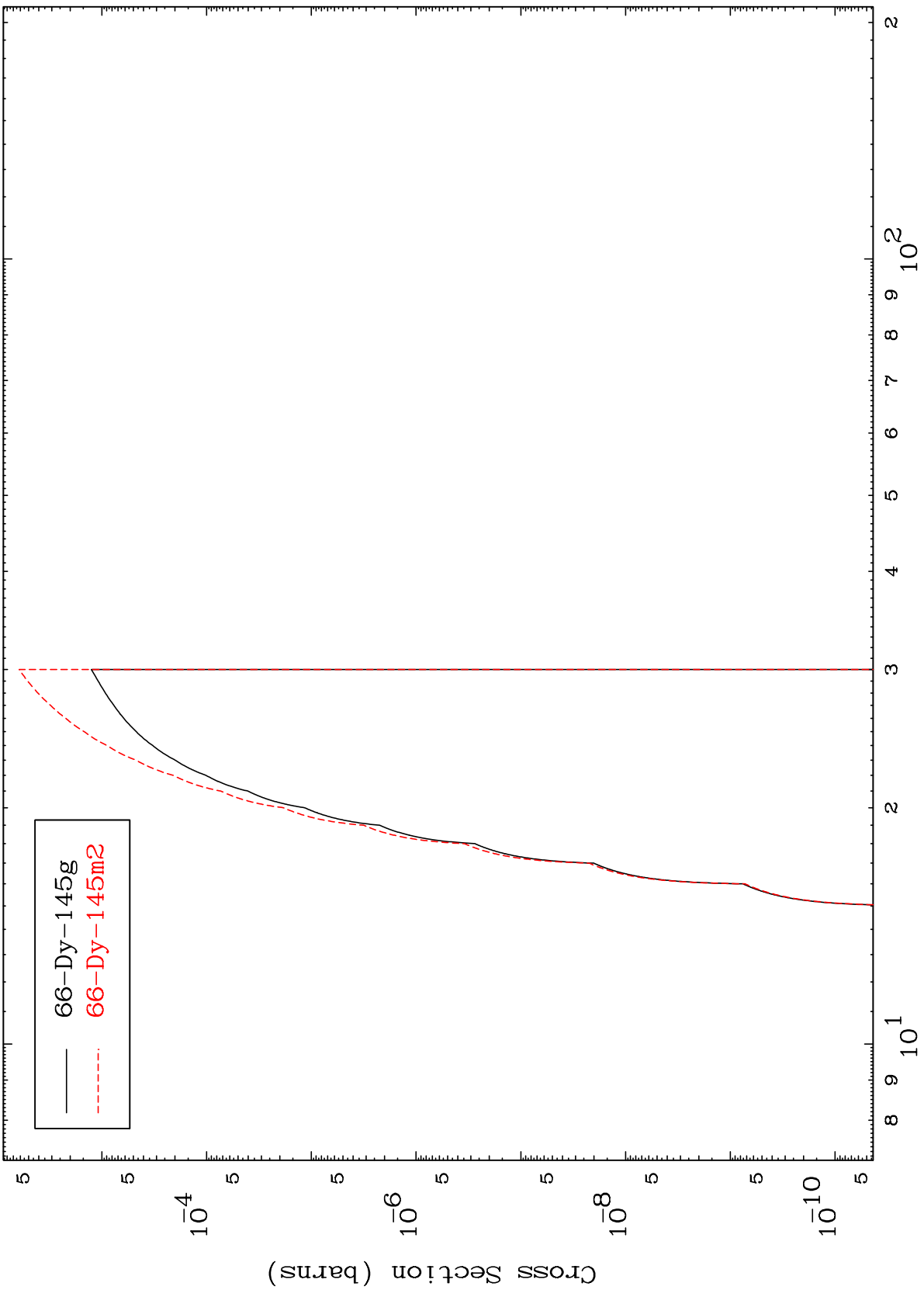
68-Er-148

MAT 6783

(n,p) t

68-Er-148

Radionuclide Production Cross Section



65

Incident Energy (MeV)

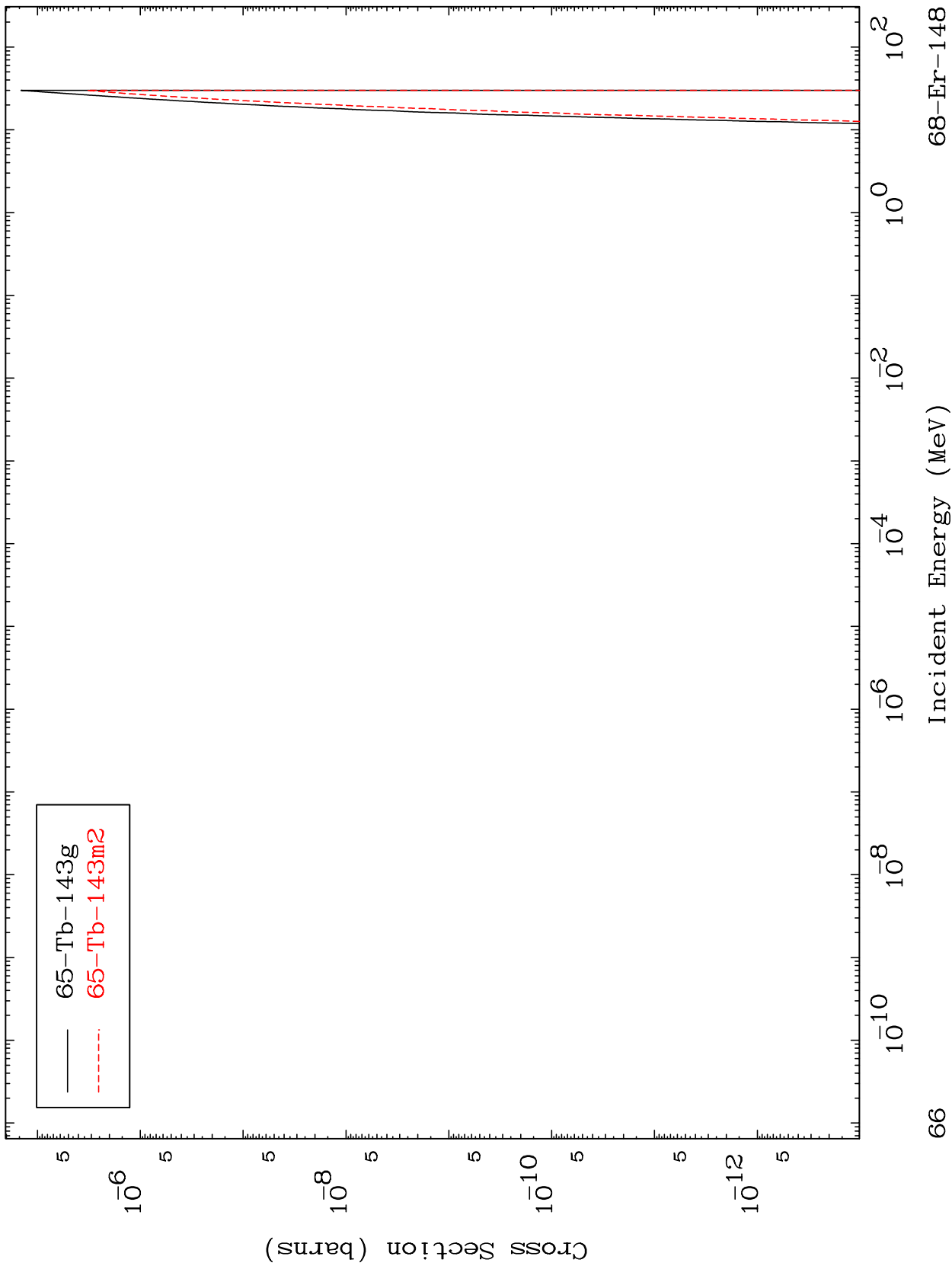
68-Er-148

MAT 6783

(n,d) α

68-Er-148

Radionuclide Production Cross Section



66

Incident Energy (MeV)

68-Er-148