

Program EVALPLOT
(Version 2018-1)

by

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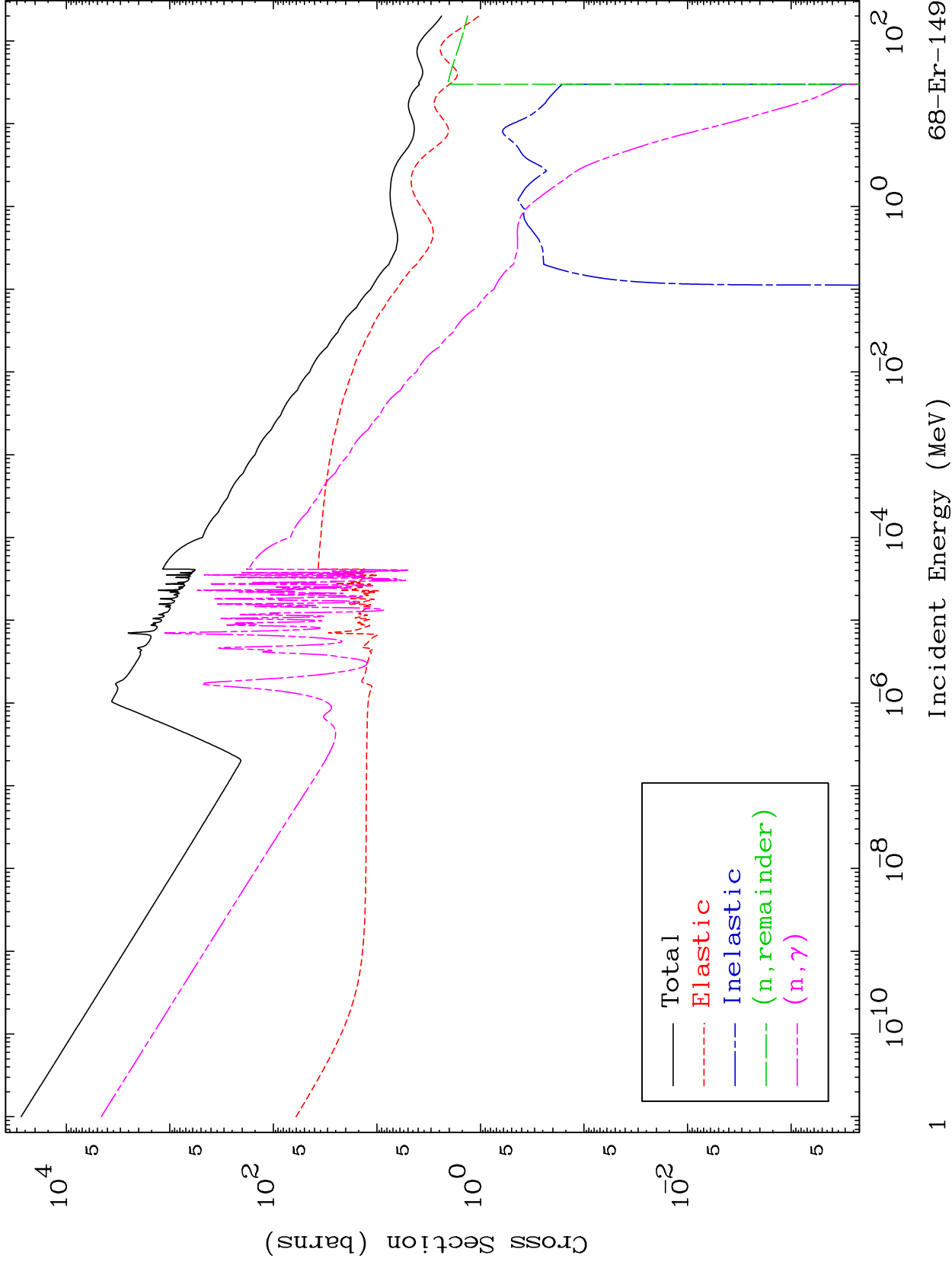
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Press Mouse Button to Start

MAT 6786

Major
293 Kelvin Cross Sections

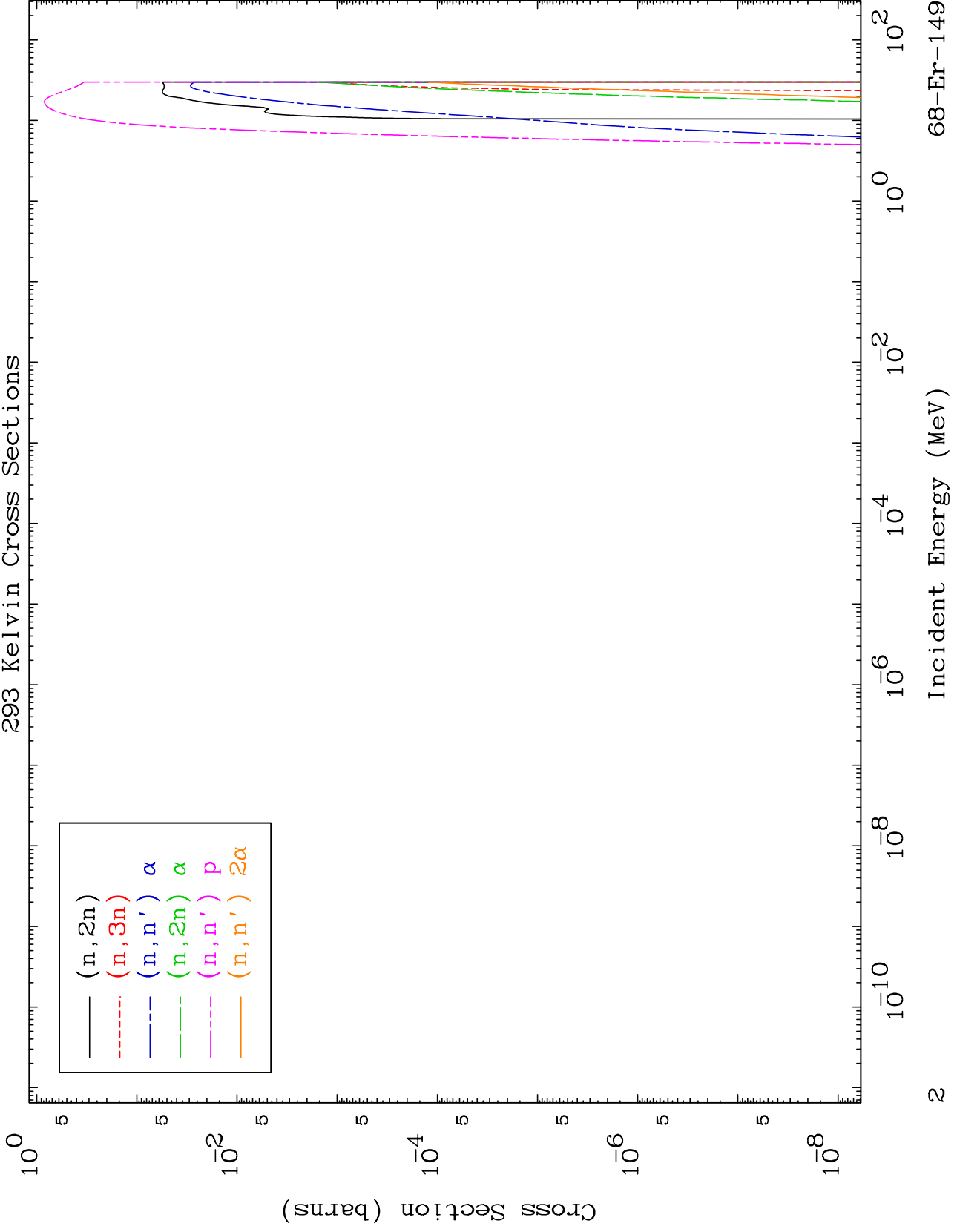
68-Er-149

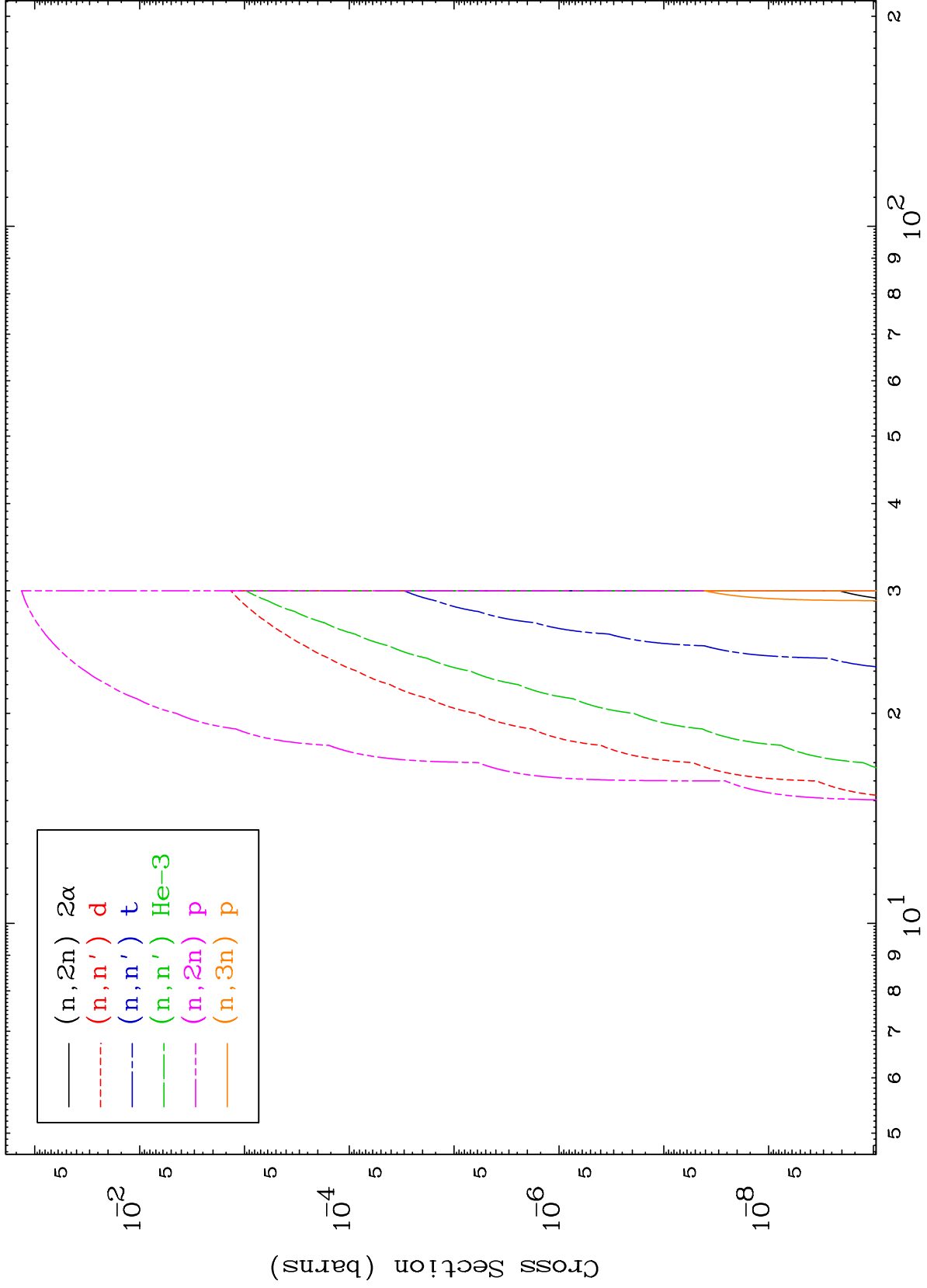


MAT 6786

Neutron Production
293 Kelvin Cross Sections

68-Er-149

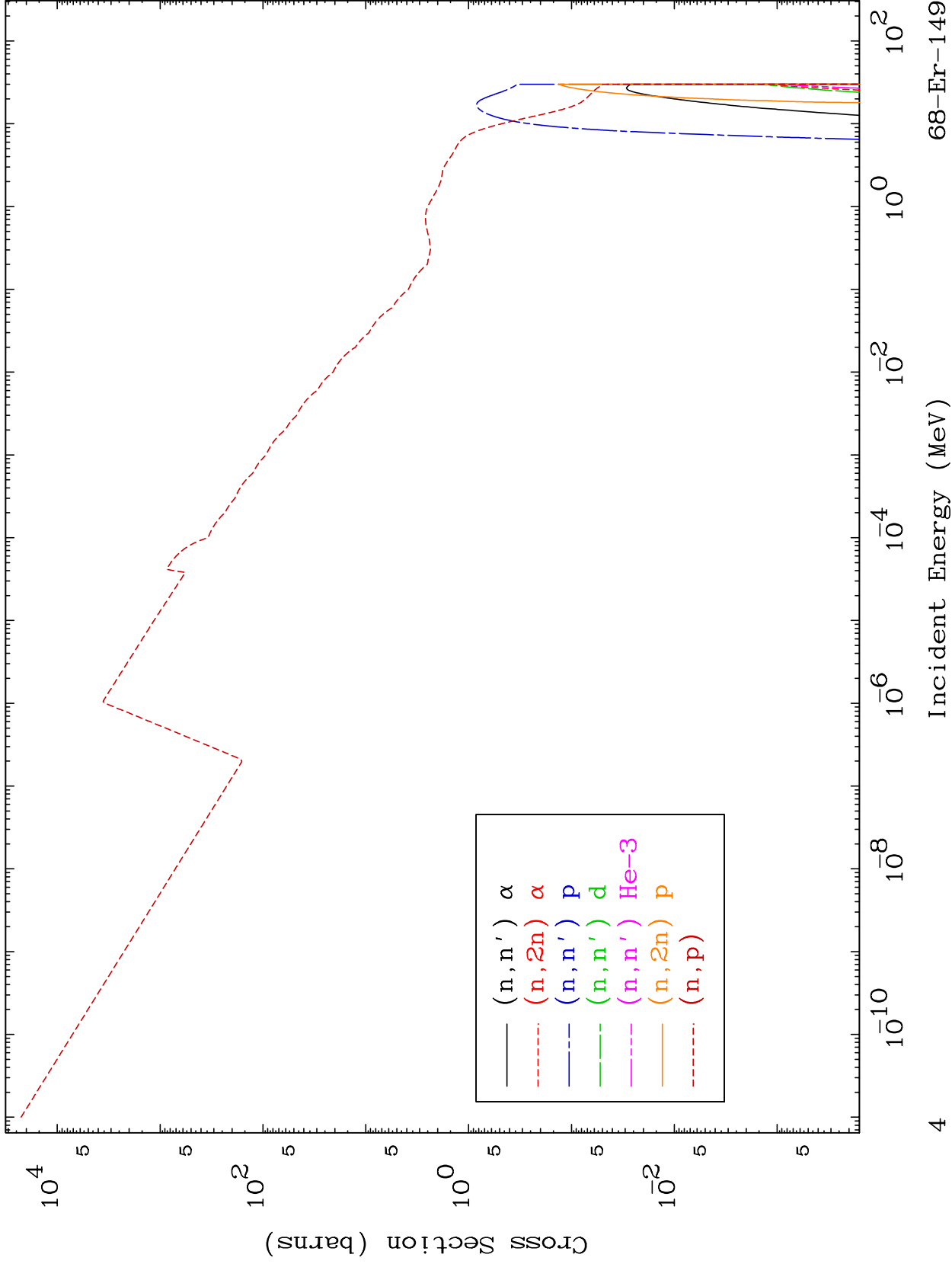




MAT 6786

Charged Particle
293 Kelvin Cross Sections

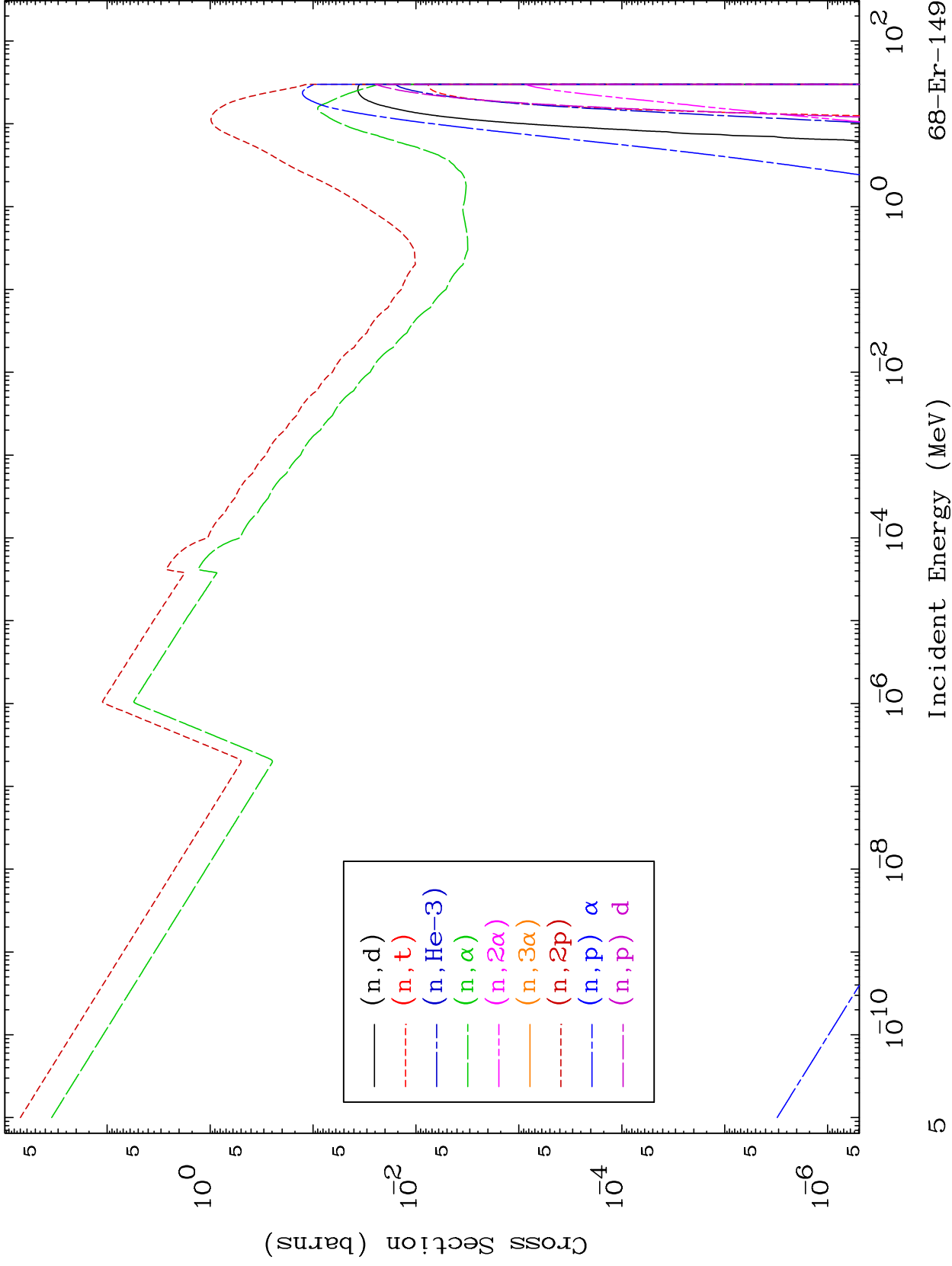
68-Er-149



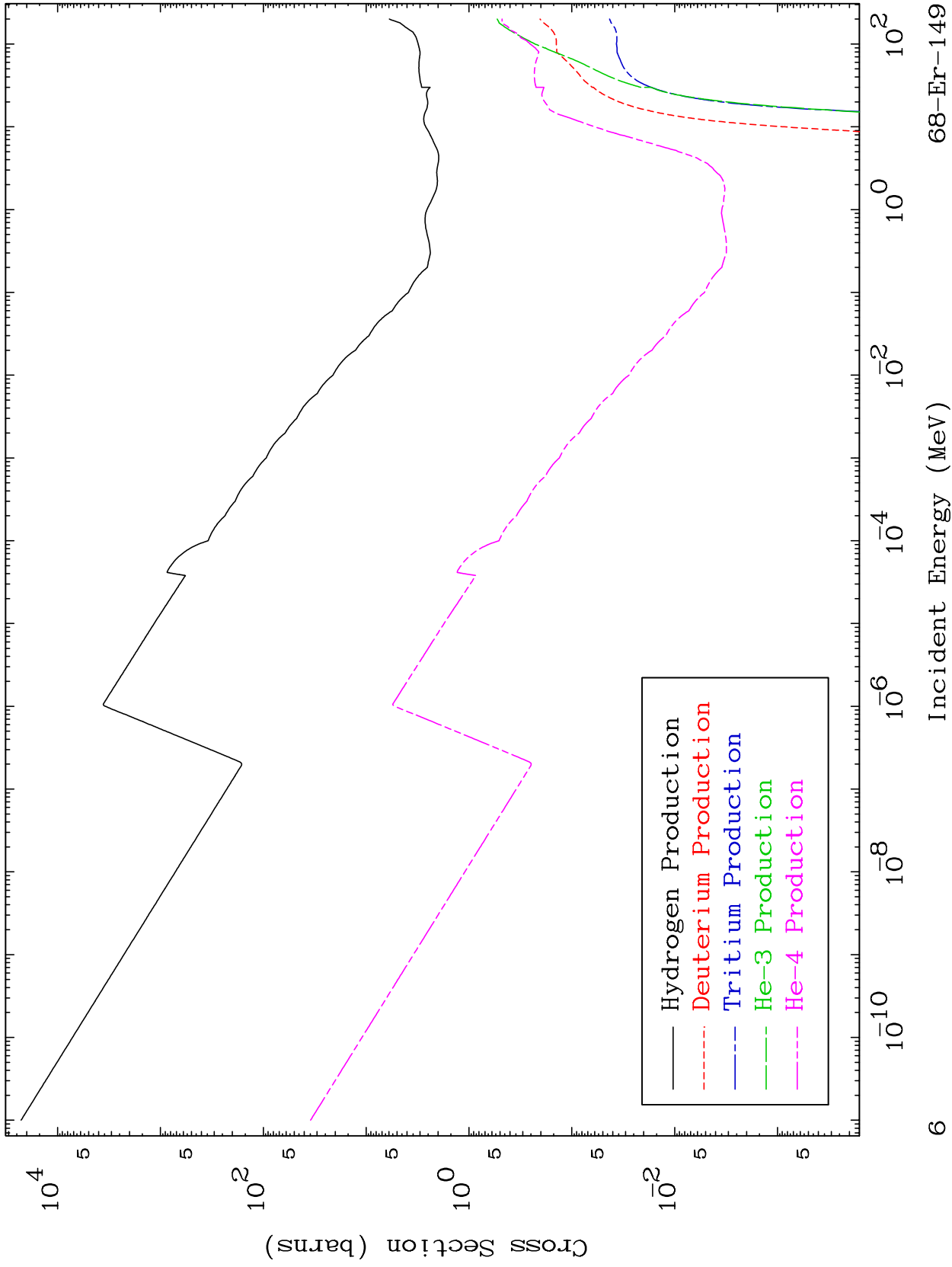
MAT 6786

Charged Particle
293 Kelvin Cross Sections

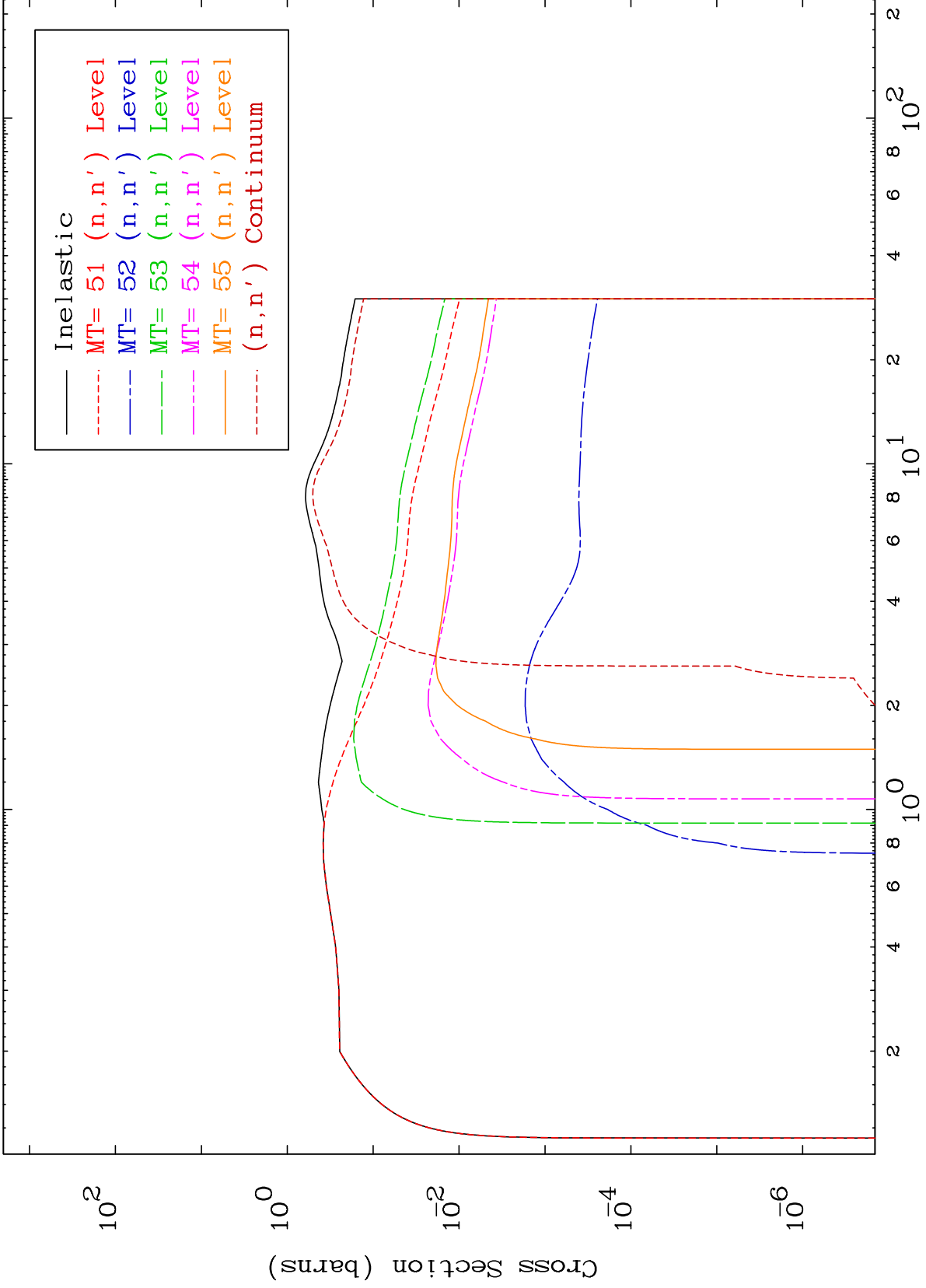
68-Er-149



5



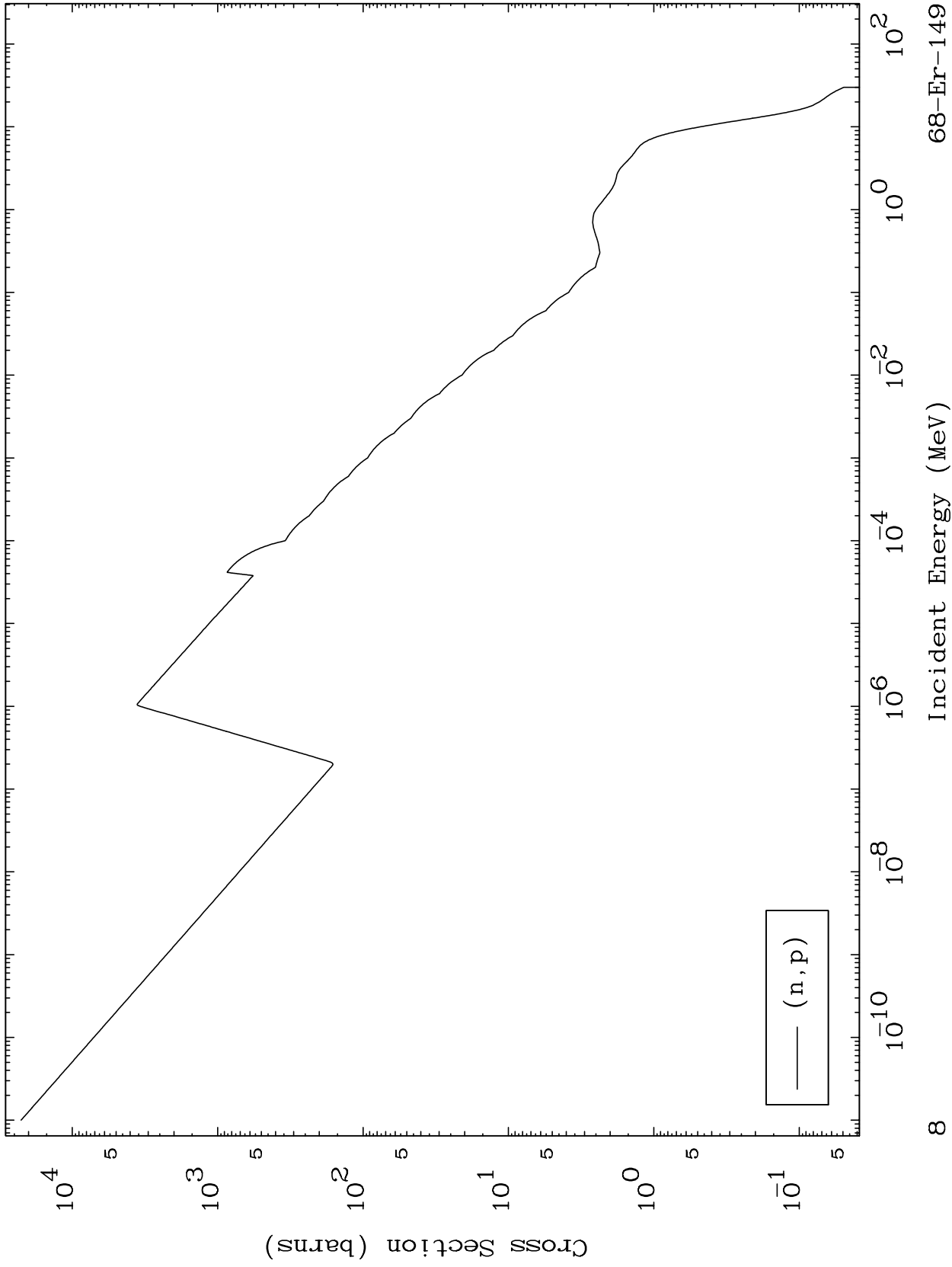
293 Kelvin Cross Sections



MAT 6786

(n,p) Levels
293 Kelvin Cross Sections

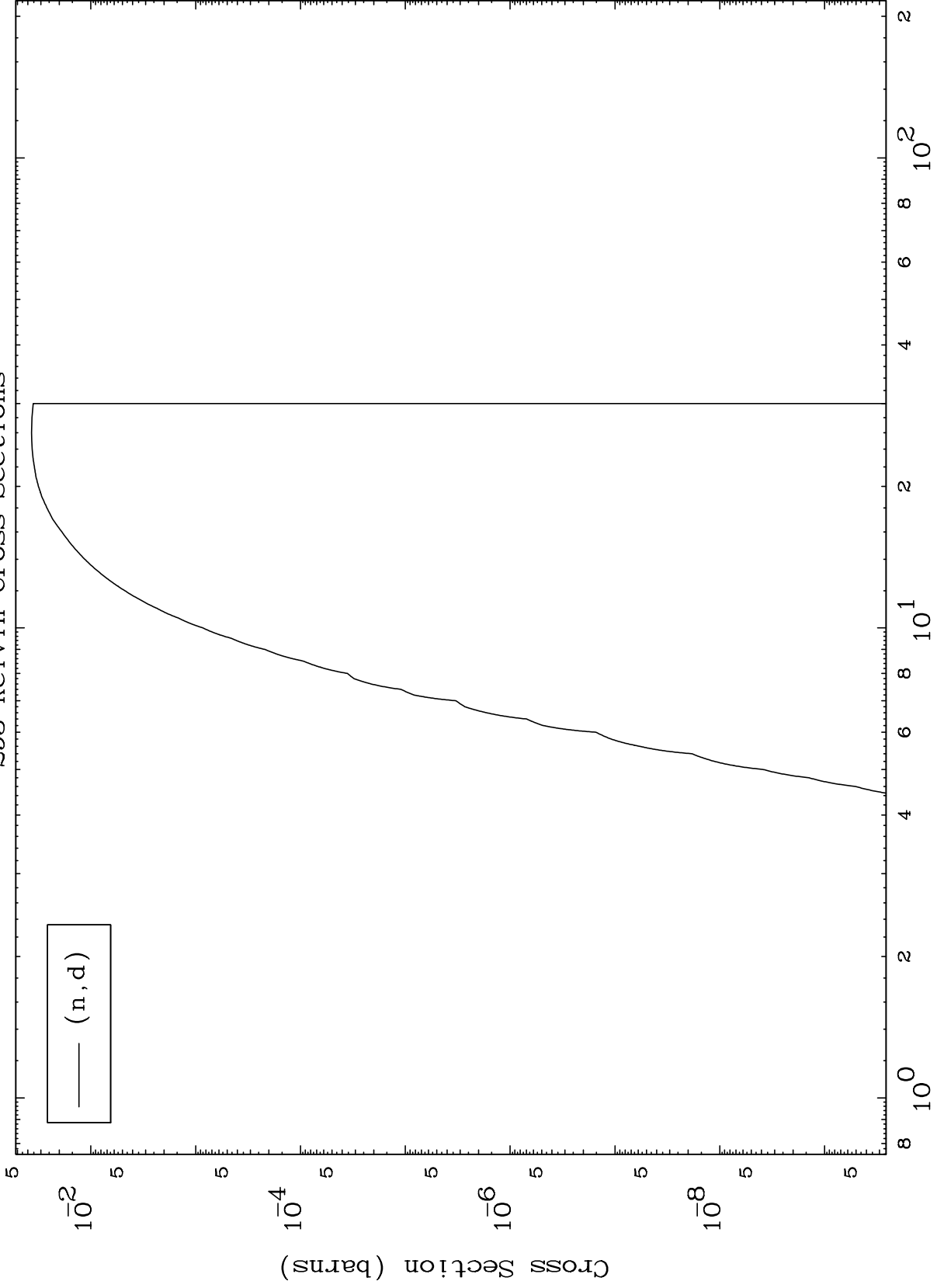
68-Er-149



MAT 6786

(n,d) Levels
293 Kelvin Cross Sections

68-Er-149



9

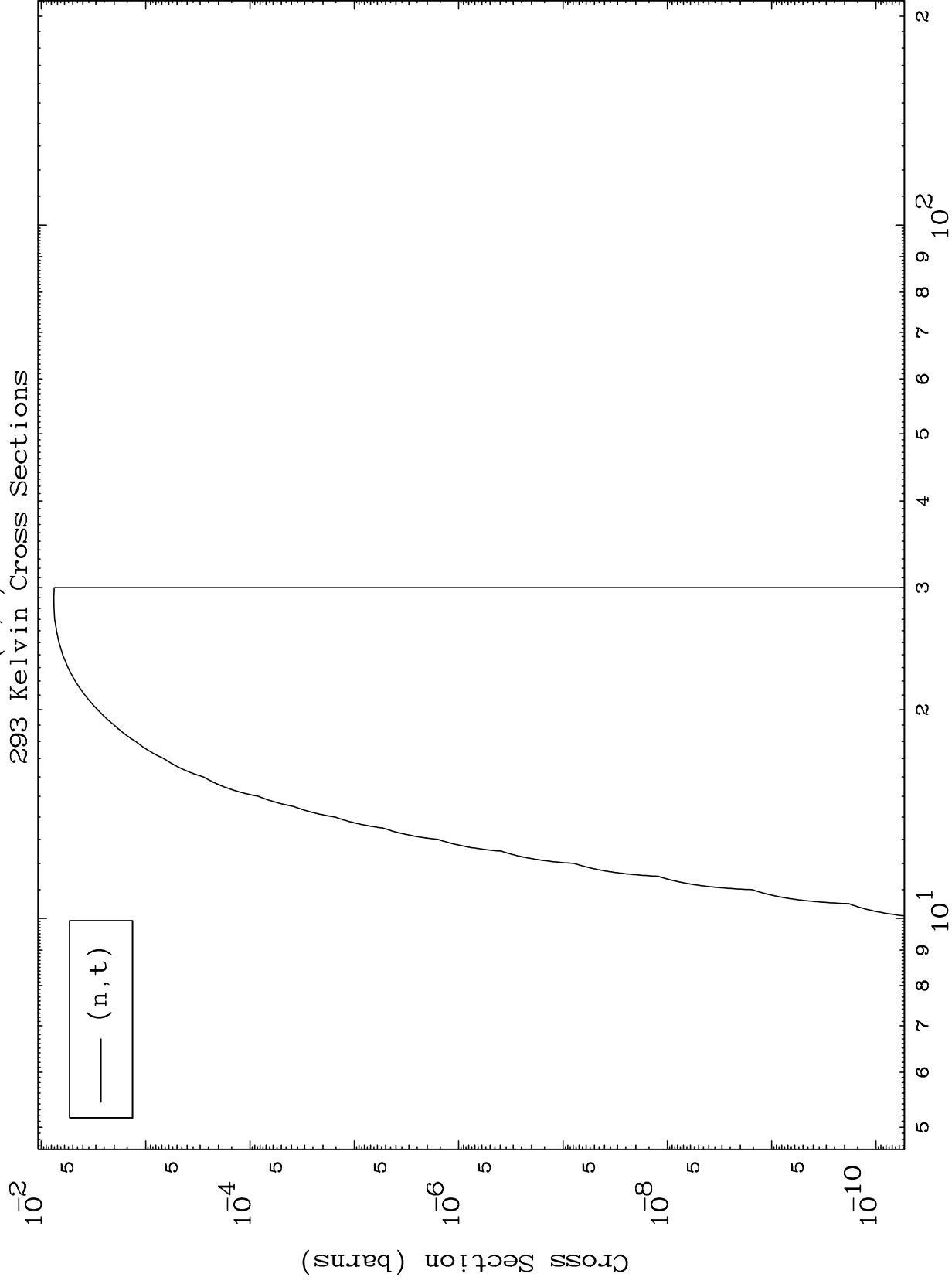
Incident Energy (MeV)

68-Er-149

MAT 6786

(n,t) Levels
293 Kelvin Cross Sections

68-Er-149



10

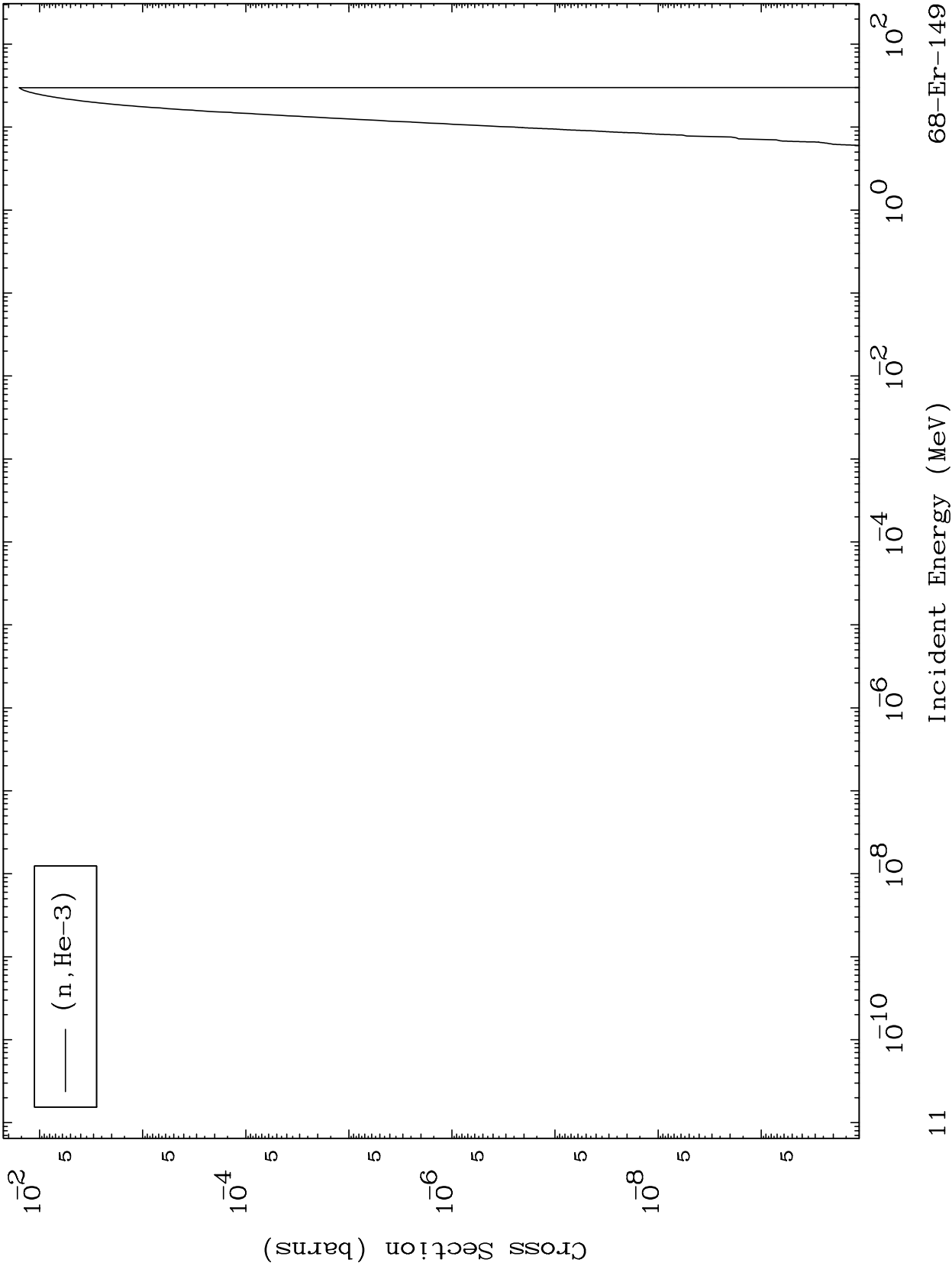
Incident Energy (MeV)

68-Er-149

MAT 6786

(n,He3) Levels
293 Kelvin Cross Sections

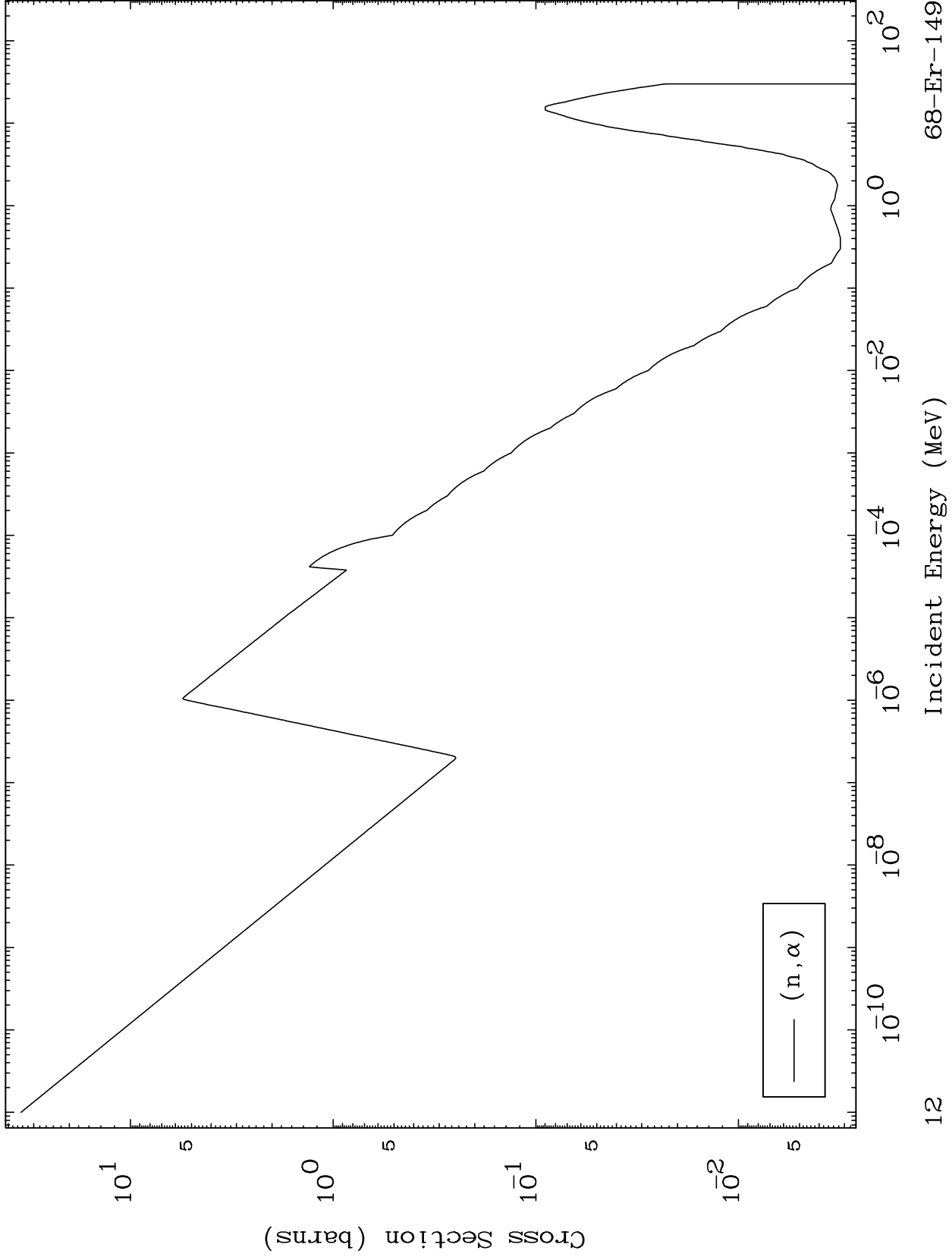
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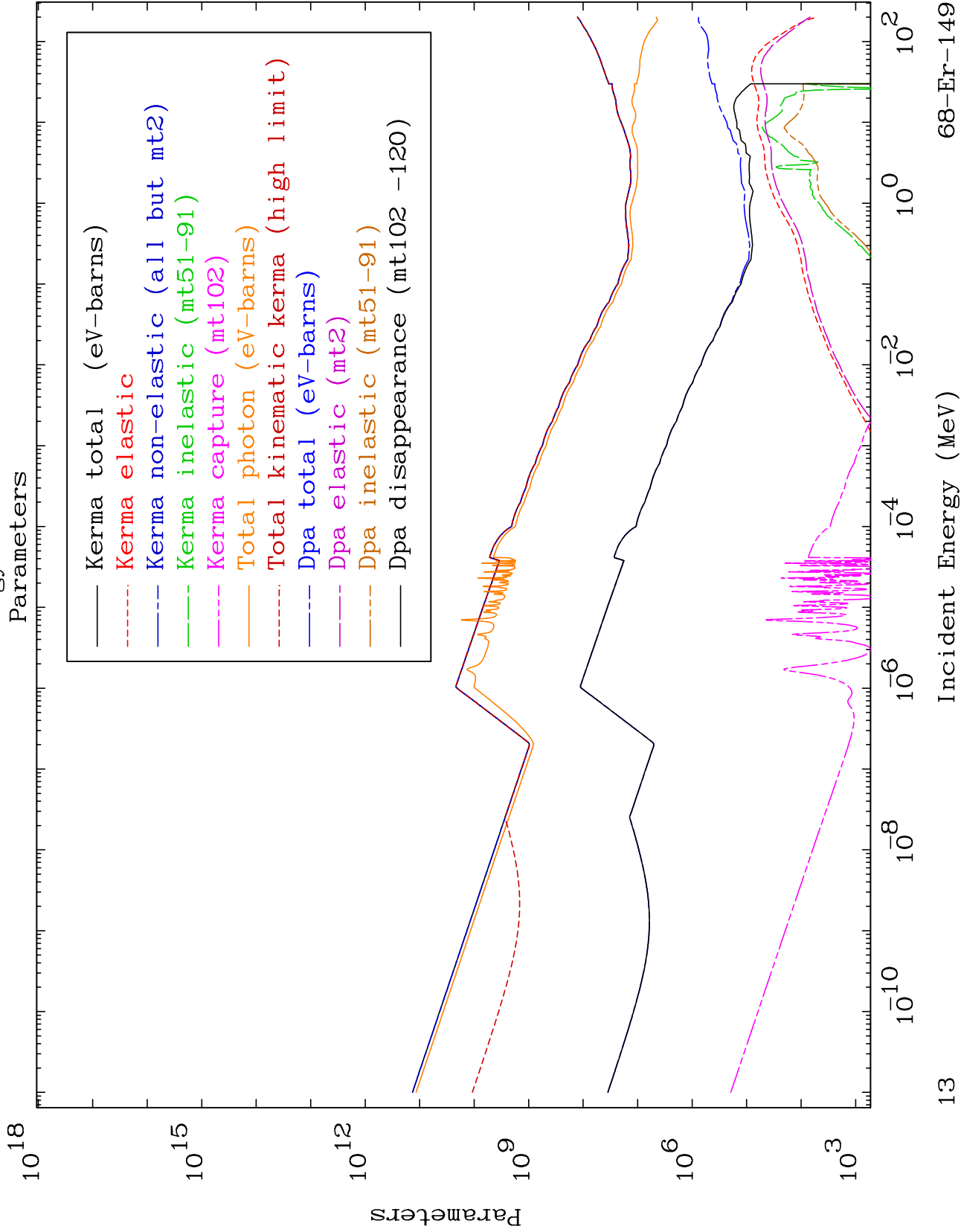


MAT 6786

(n,α) Levels
293 Kelvin Cross Sections

68-Er-149

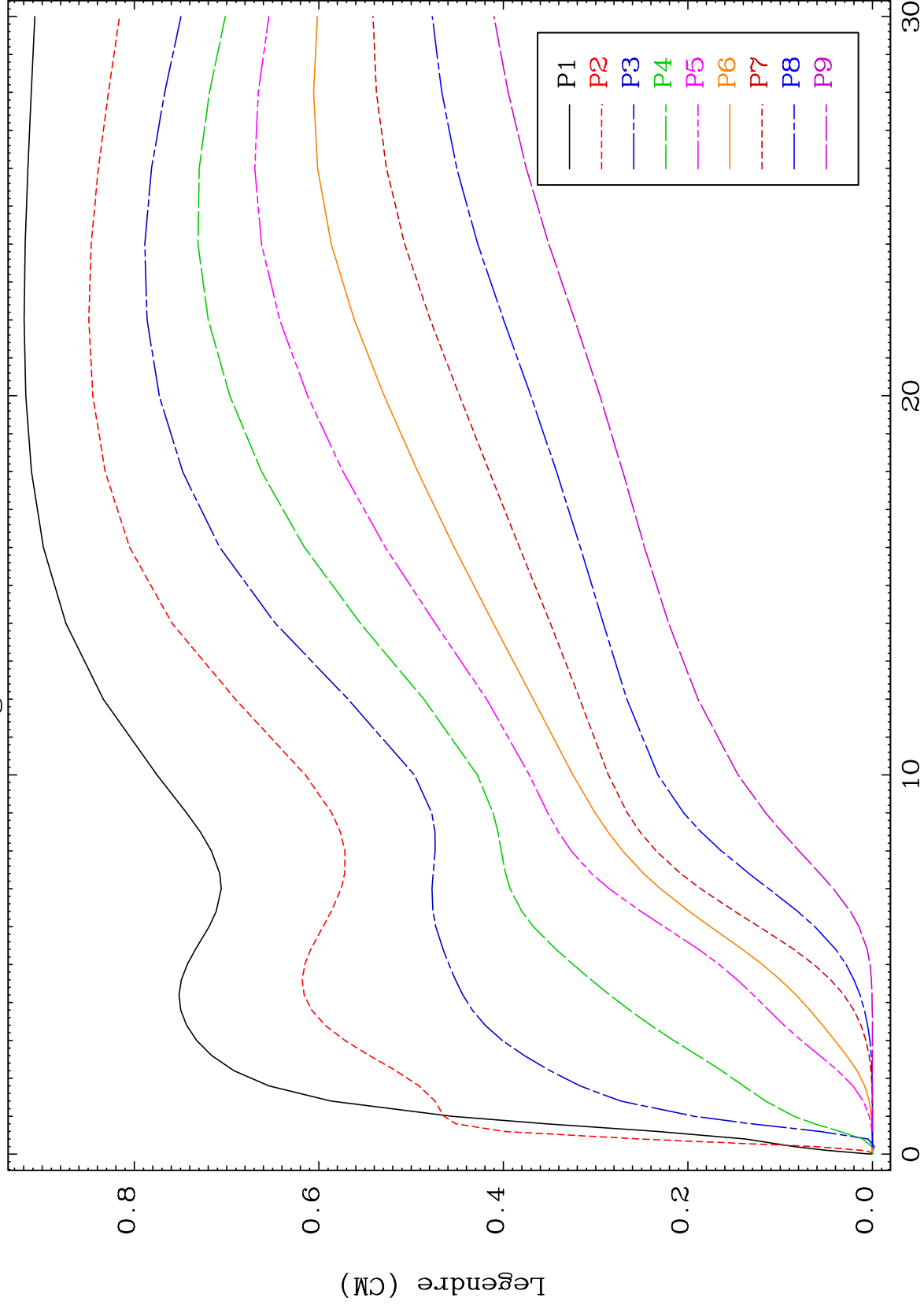




MAT 6786

Elastic Legendre Coefficients

68-Er-149



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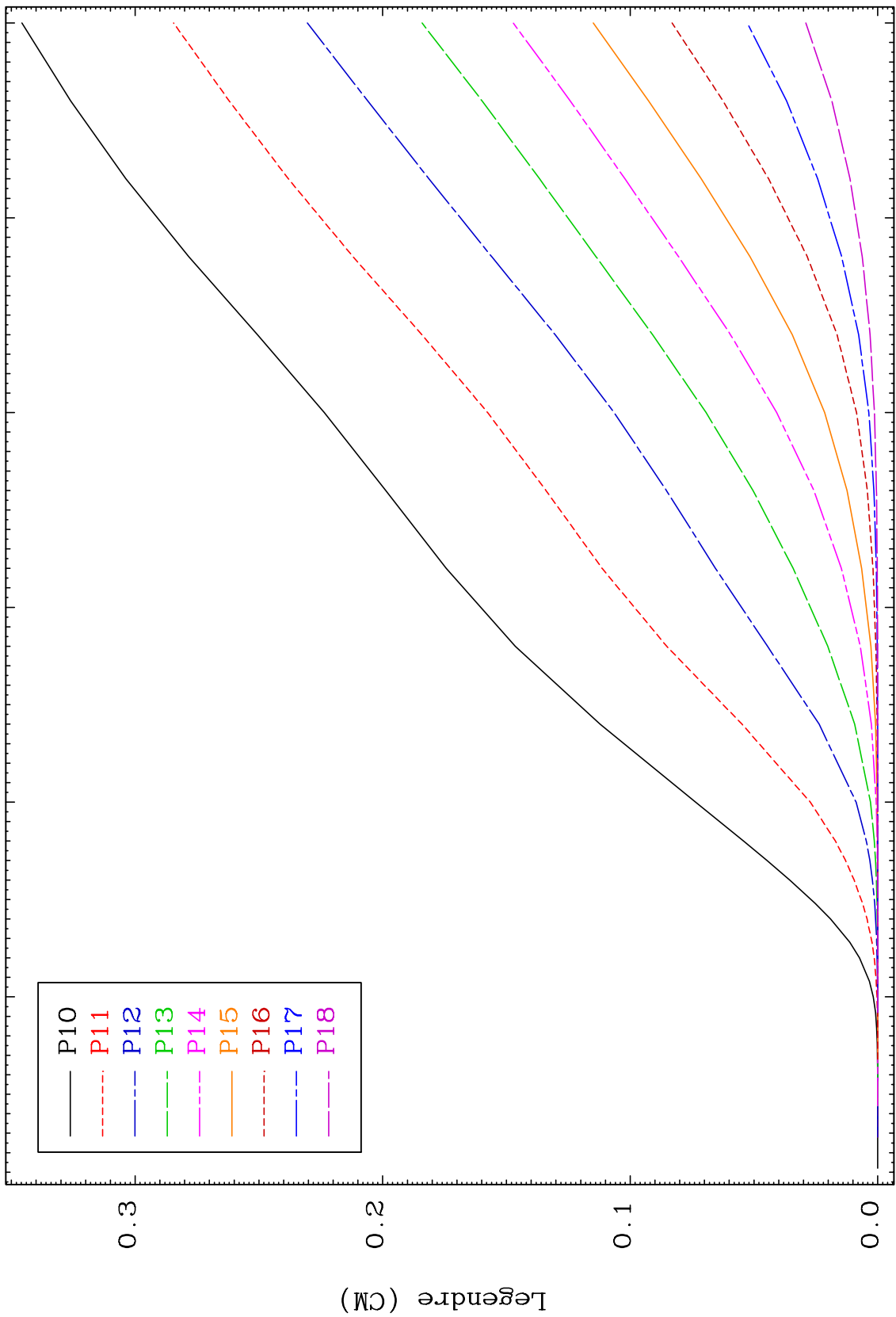
Incident Energy (MeV)

68-Er-149

MAT 6786

Elastic Legendre Coefficients

68-Er-149



15

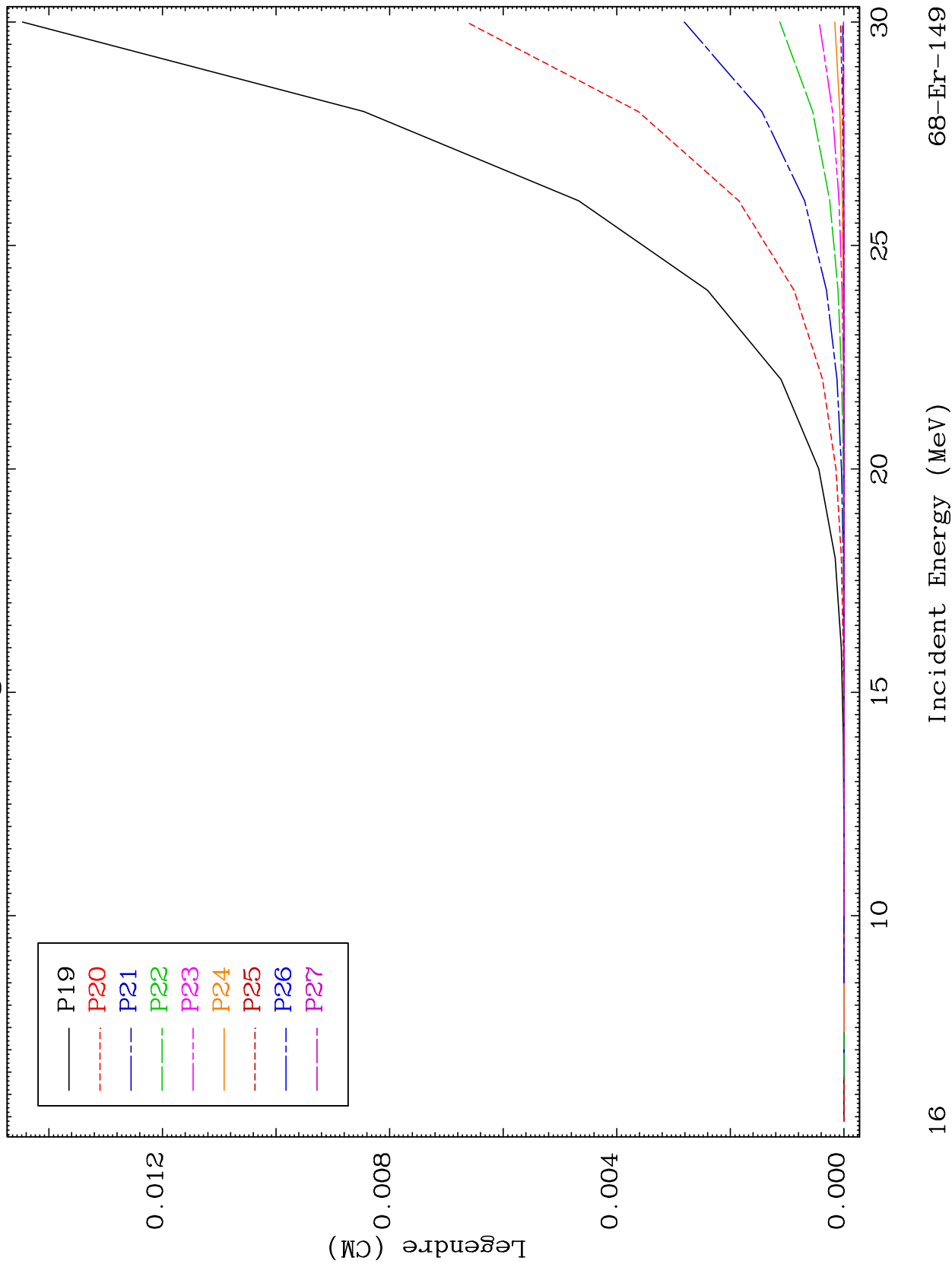
Incident Energy (MeV)

68-Er-149

MAT 6786

Elastic Legendre Coefficients

68-Er-149



16

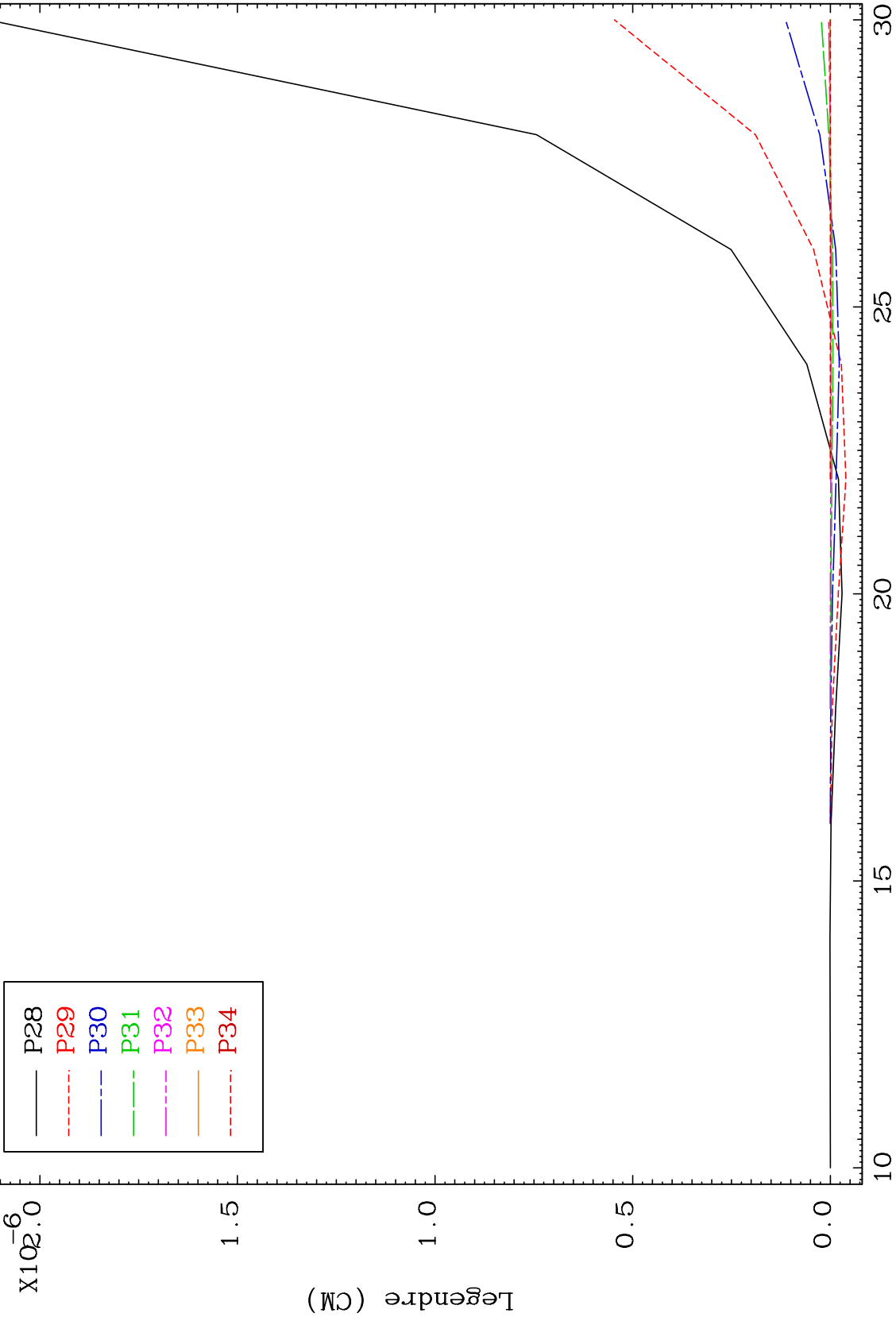
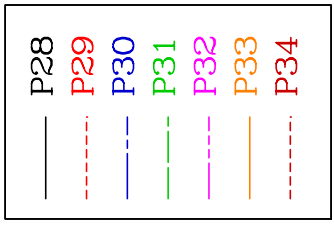
Incident Energy (MeV)

68-Er-149

MAT 6786

Elastic Legendre Coefficients

68-Er-149



17

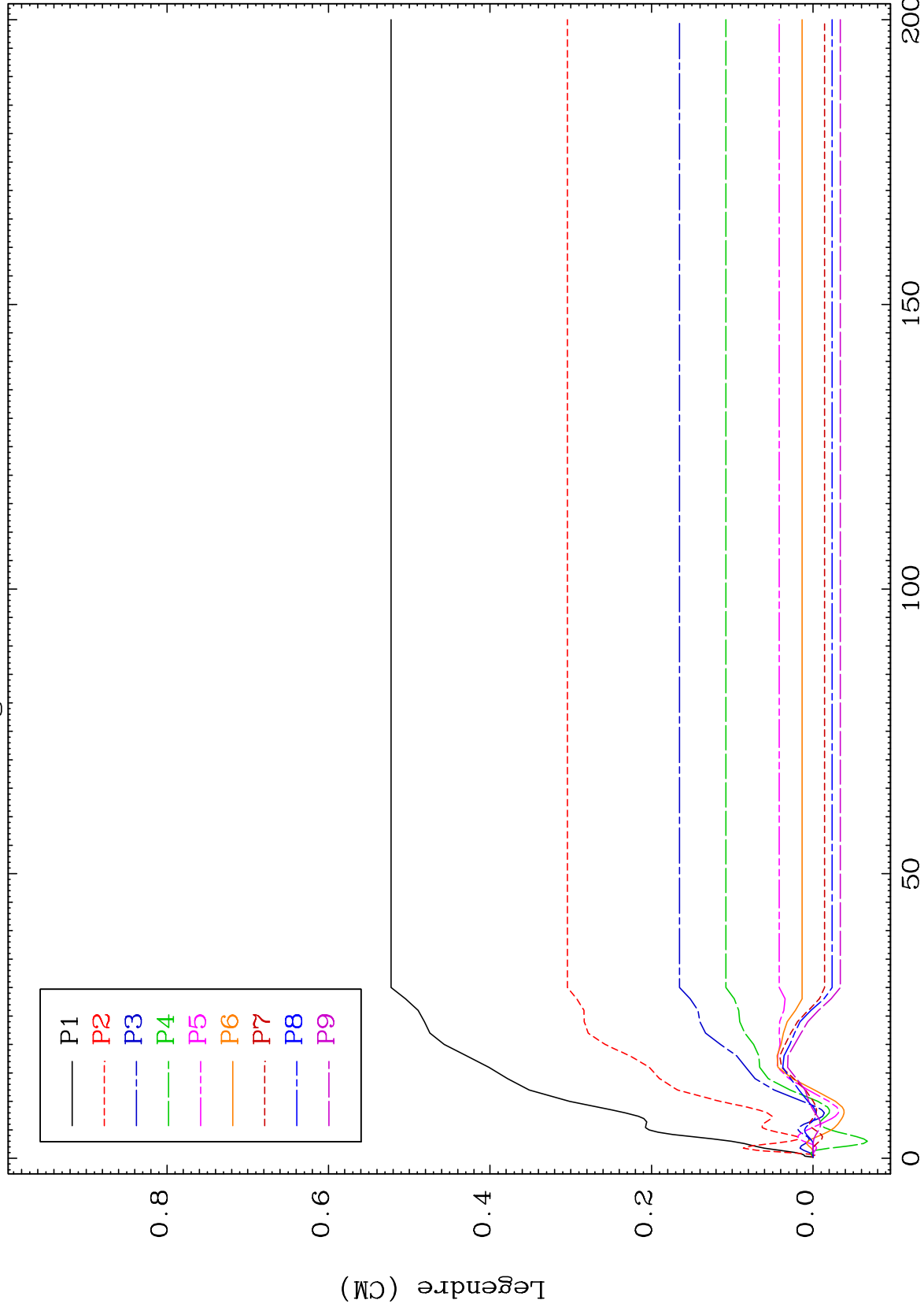
Incident Energy (MeV)

68-Er-149

MAT 6786

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

68-Er-149



68-Er-149

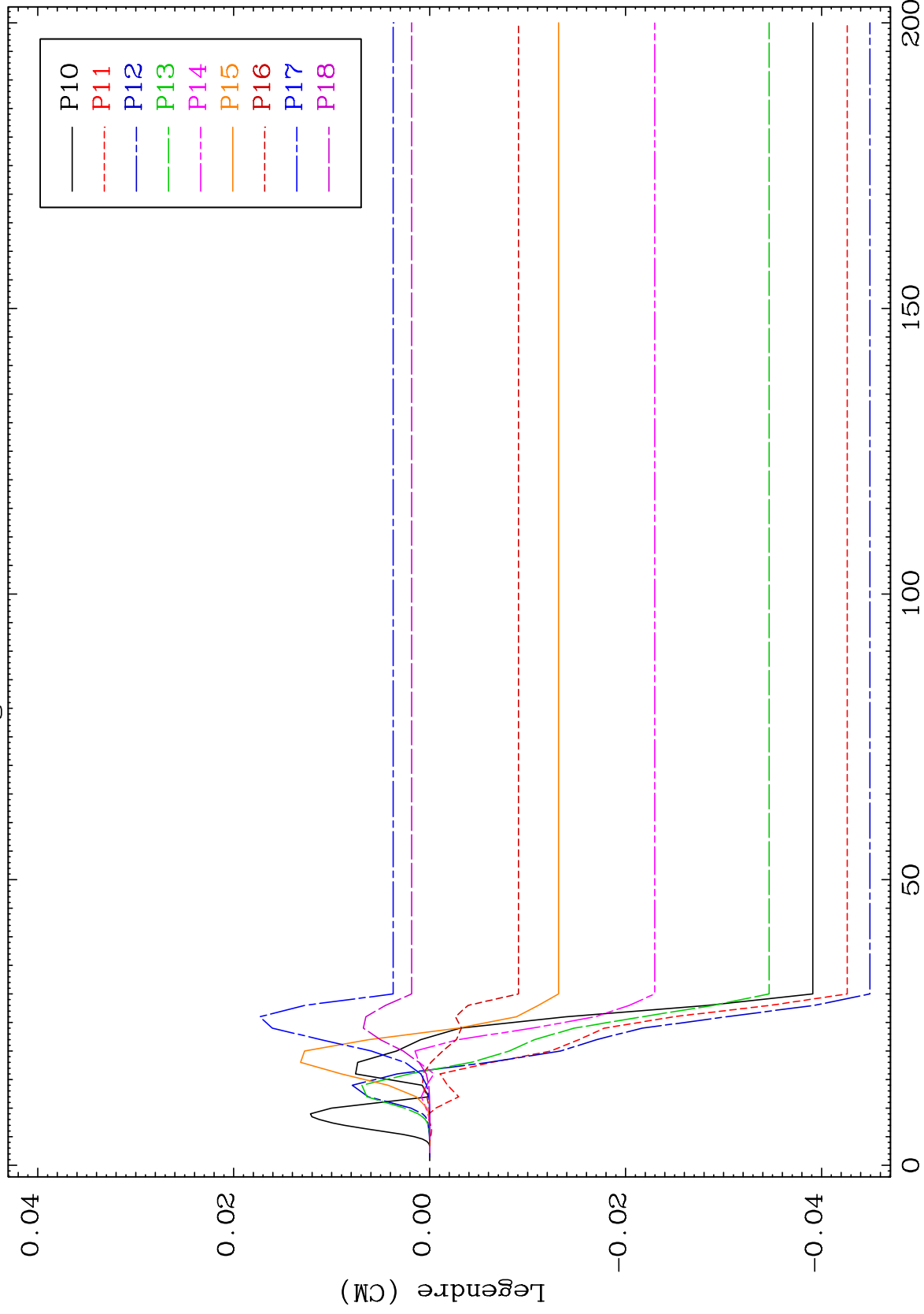
Incident Energy (MeV)

18

MAT 6786

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

68-Er-149



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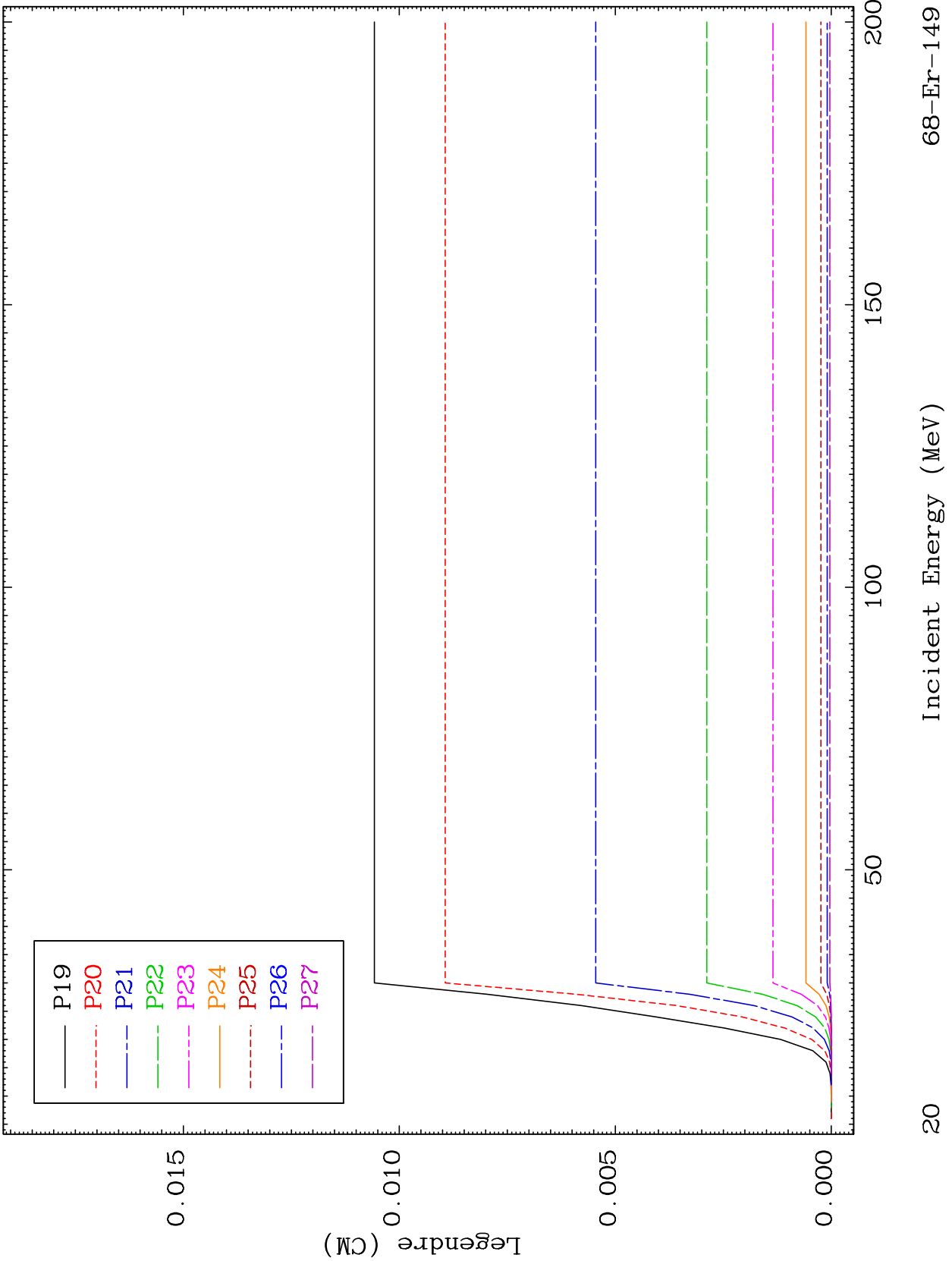
Incident Energy (MeV)

68-Er-149

MAT 6786

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

68-Er-149



68-Er-149

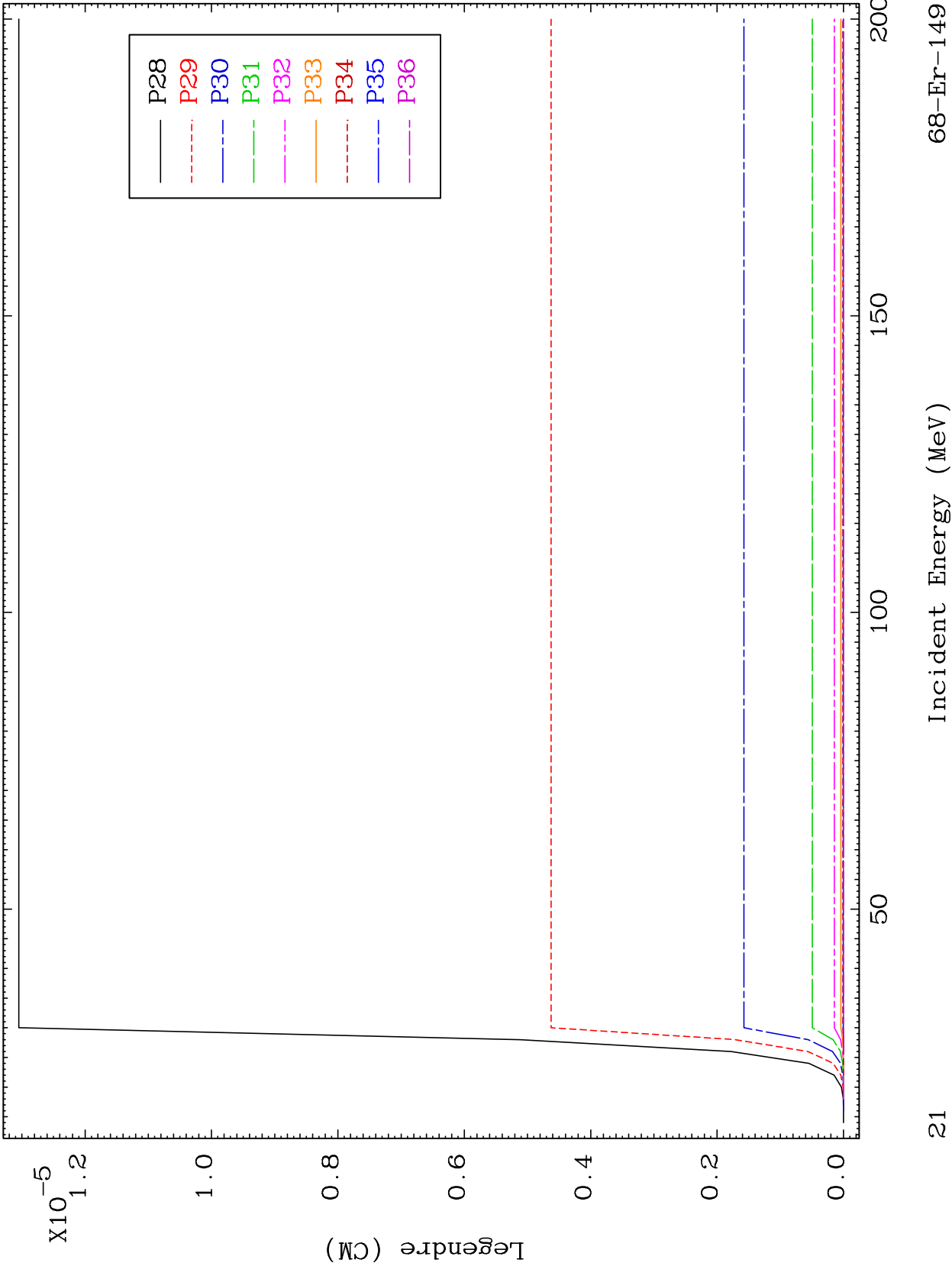
Incident Energy (MeV)

20

MAT 6786

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

68-Er-149

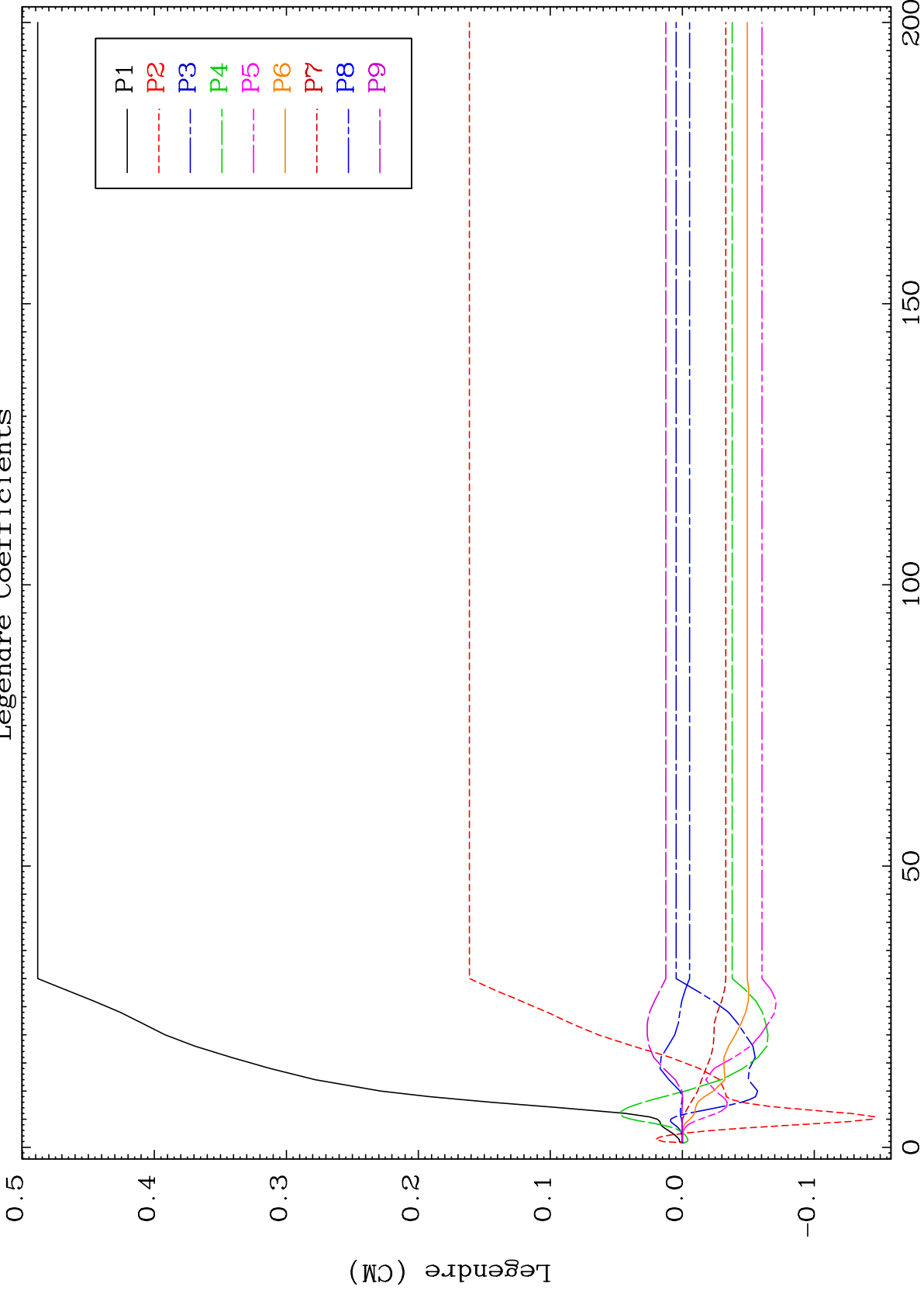


MAT 6786

MT= 52 (n,n') Level

68-Er-149

Legendre Coefficients



22

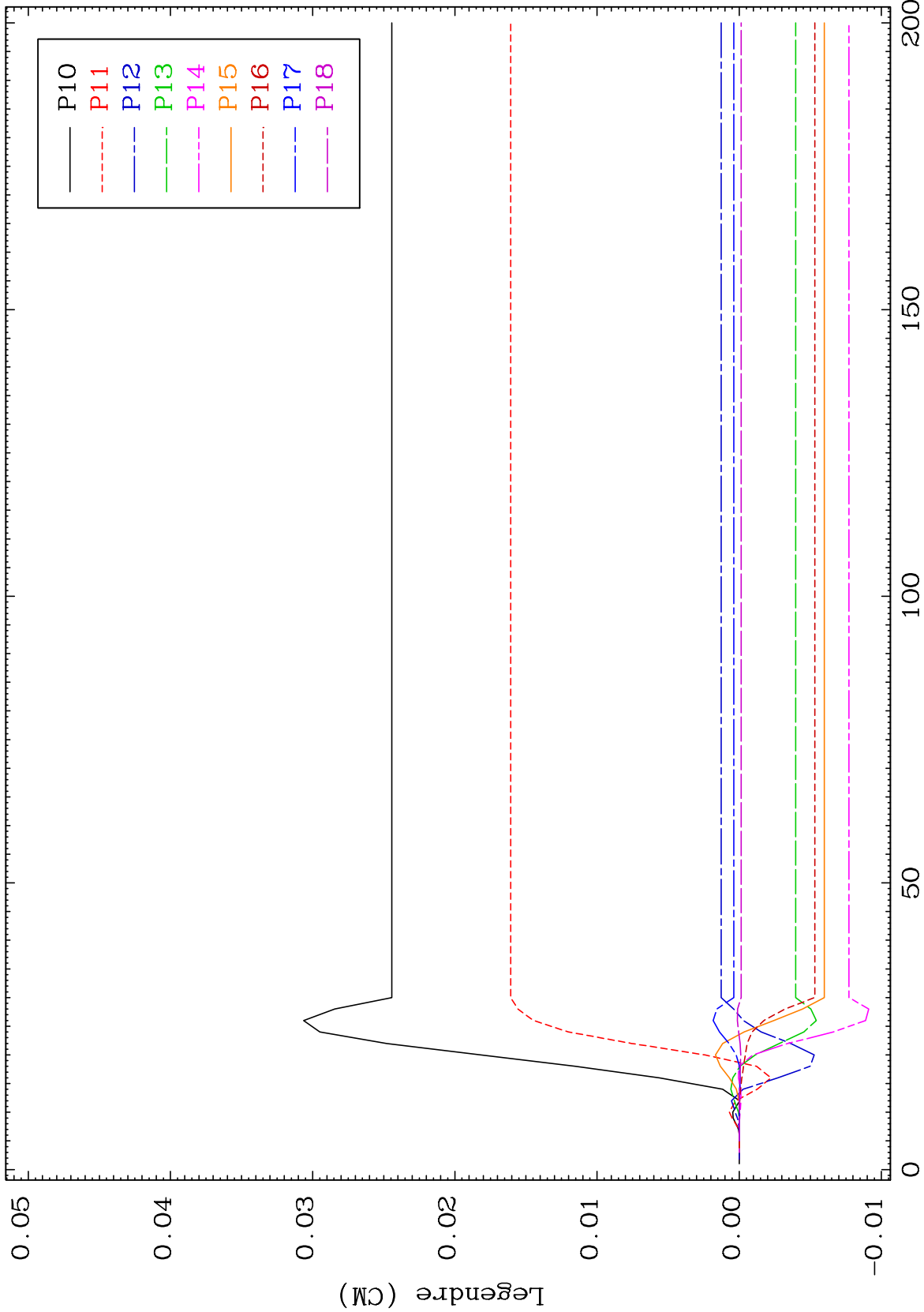
Incident Energy (MeV)

68-Er-149

MAT 6786

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

68-Er-149



23

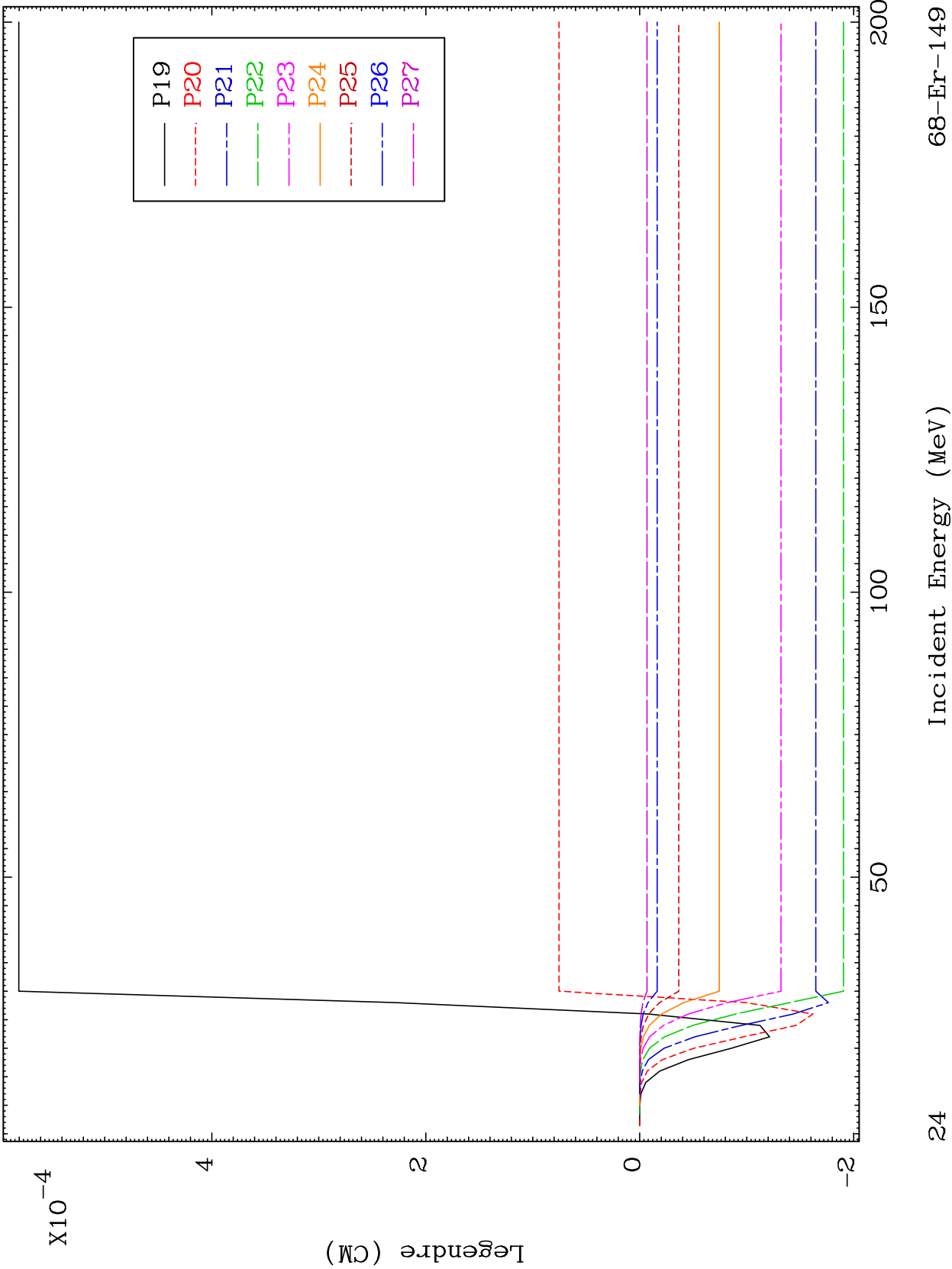
Incident Energy (MeV)

68-Er-149

MAT 6786

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

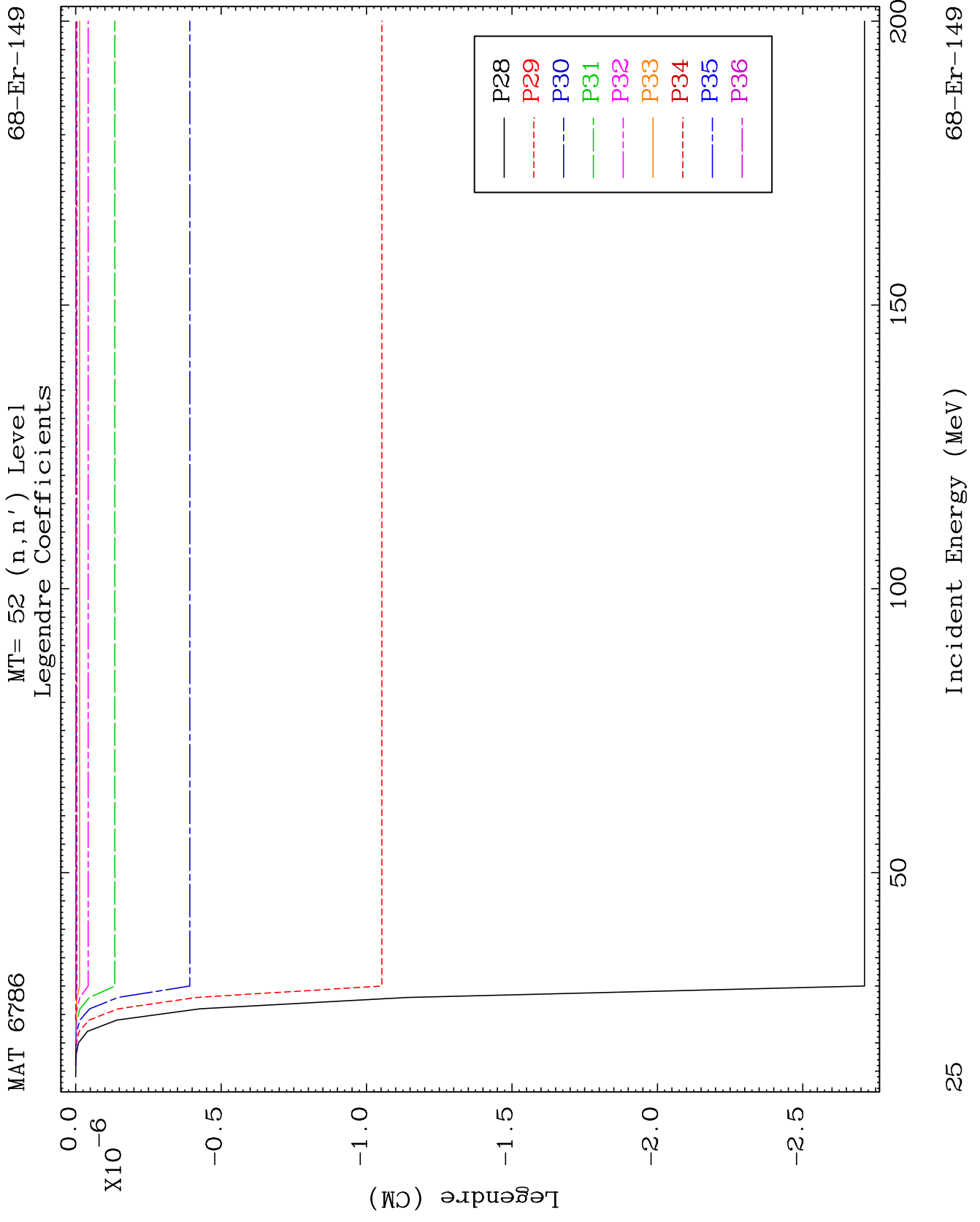
68-Er-149



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Incident Energy (MeV)

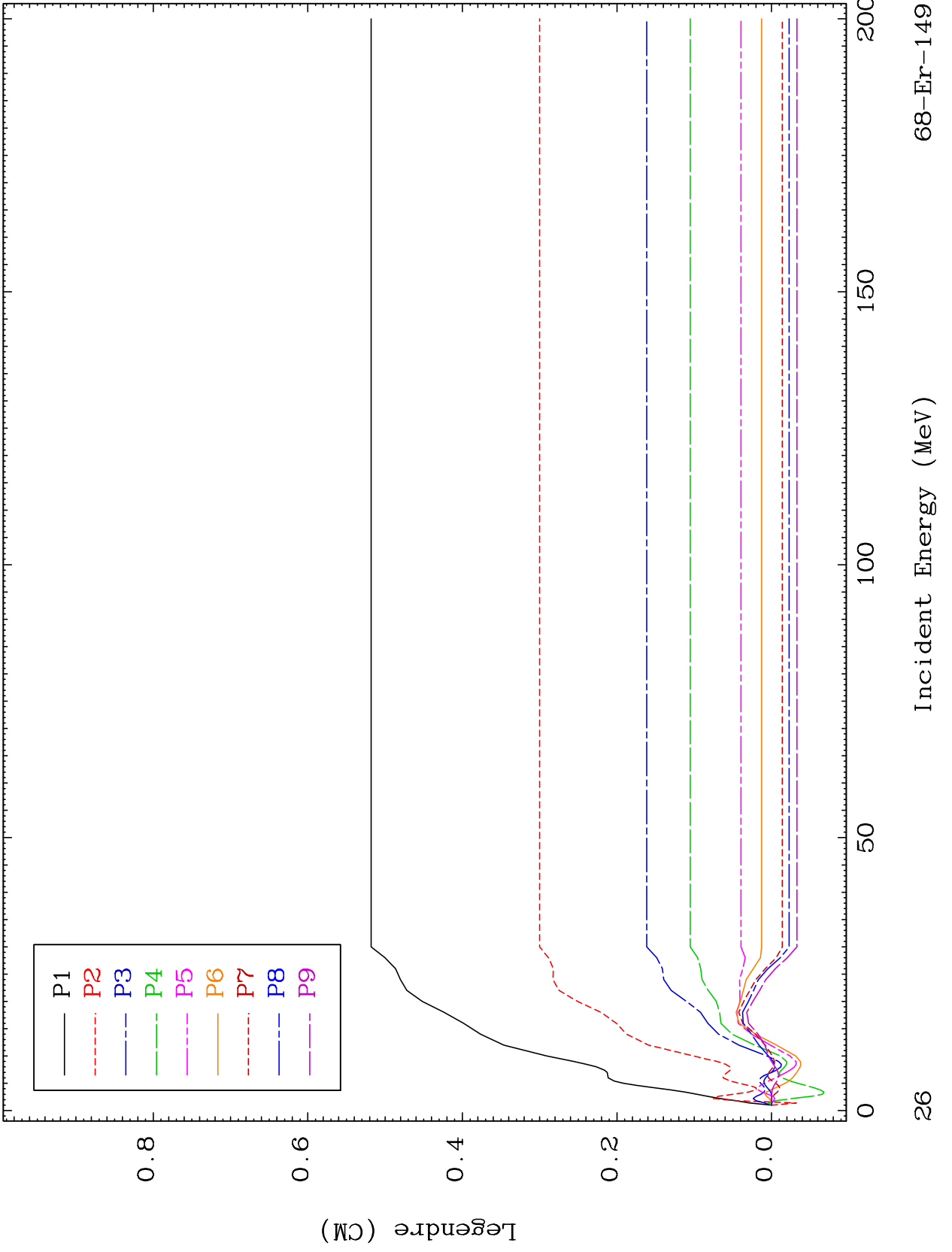
68-Er-149



MAT 6786

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

68-Er-149



26

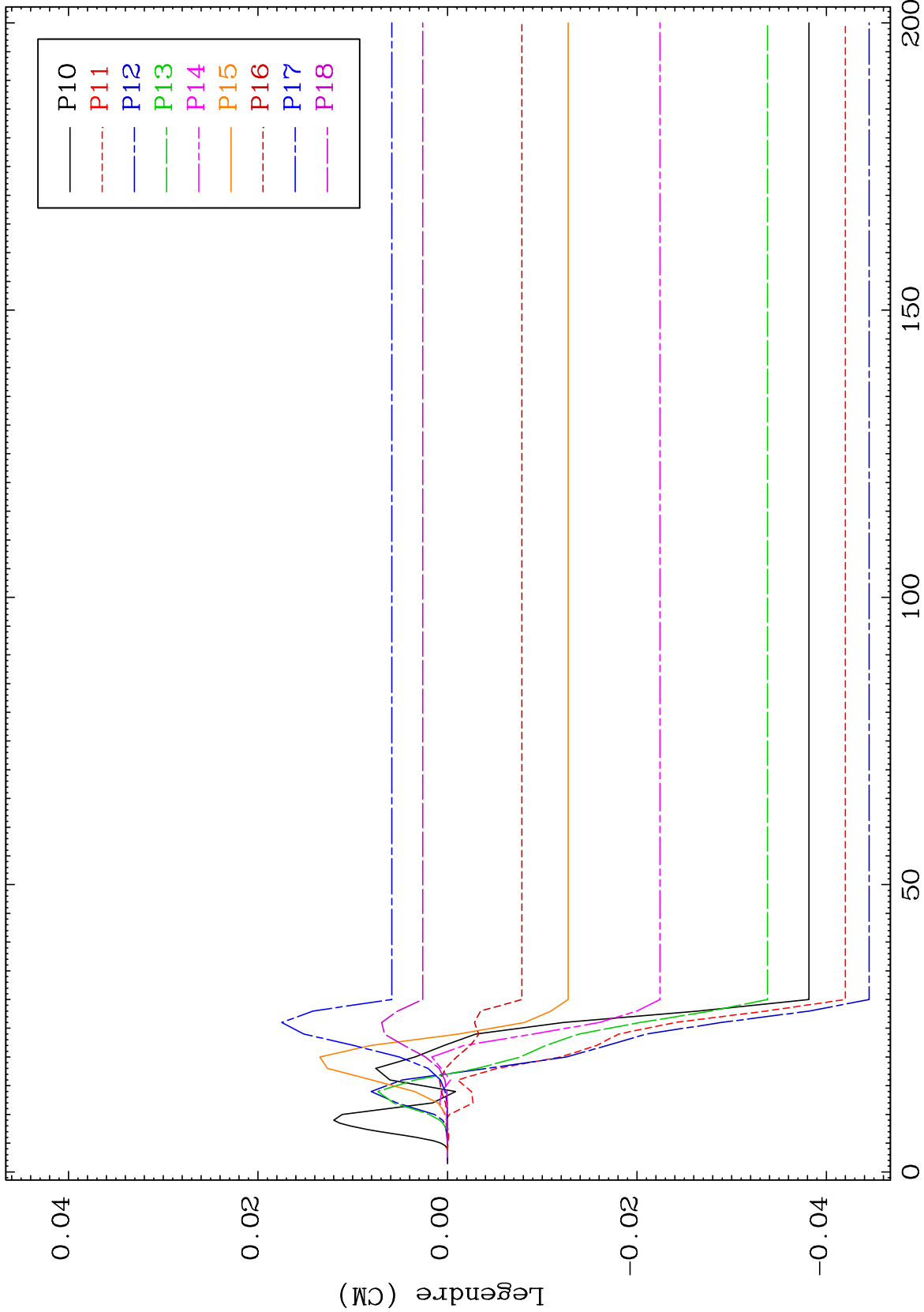
Incident Energy (MeV)

68-Er-149

MAT 6786

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

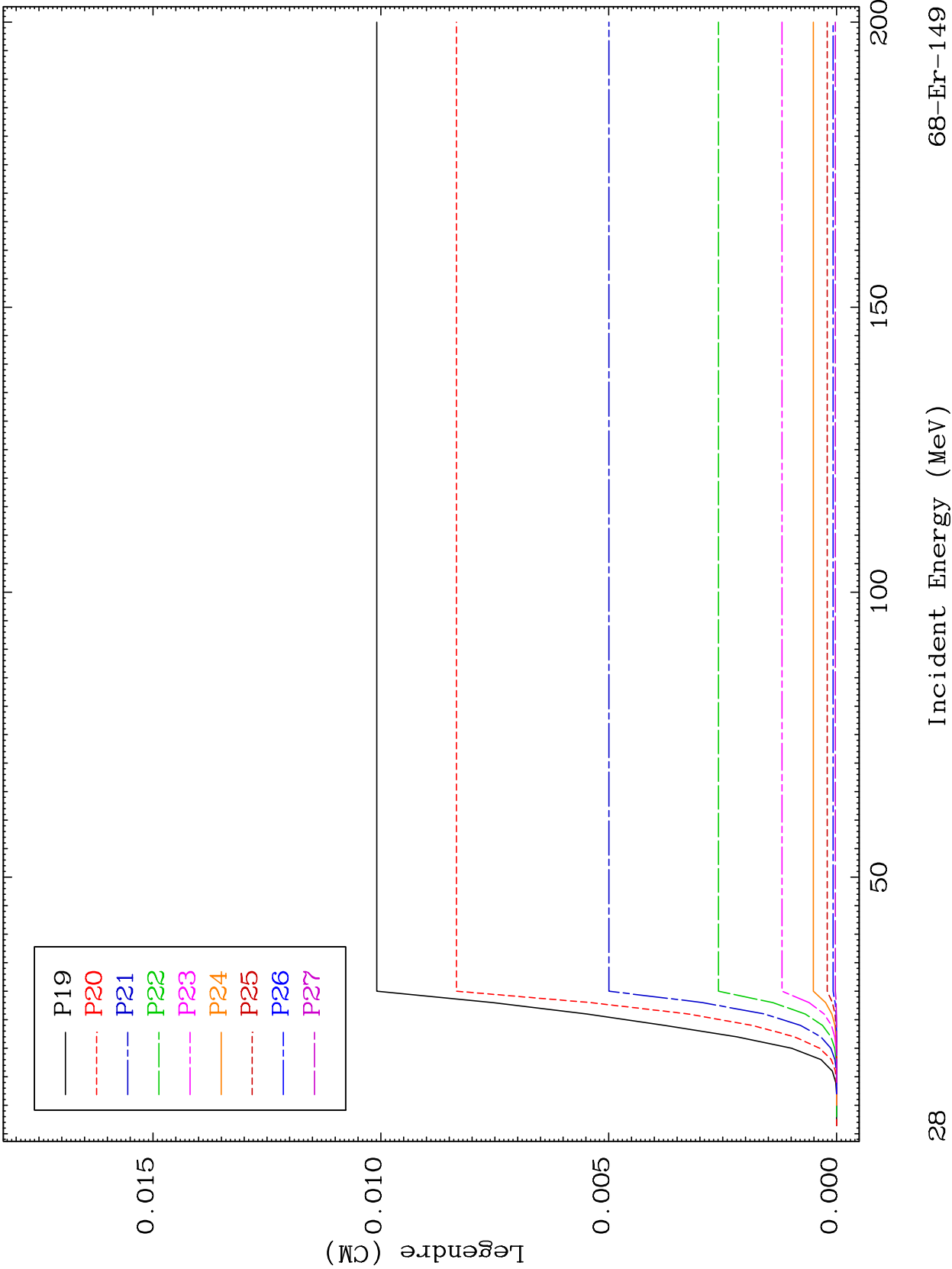
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27

Incident Energy (MeV)

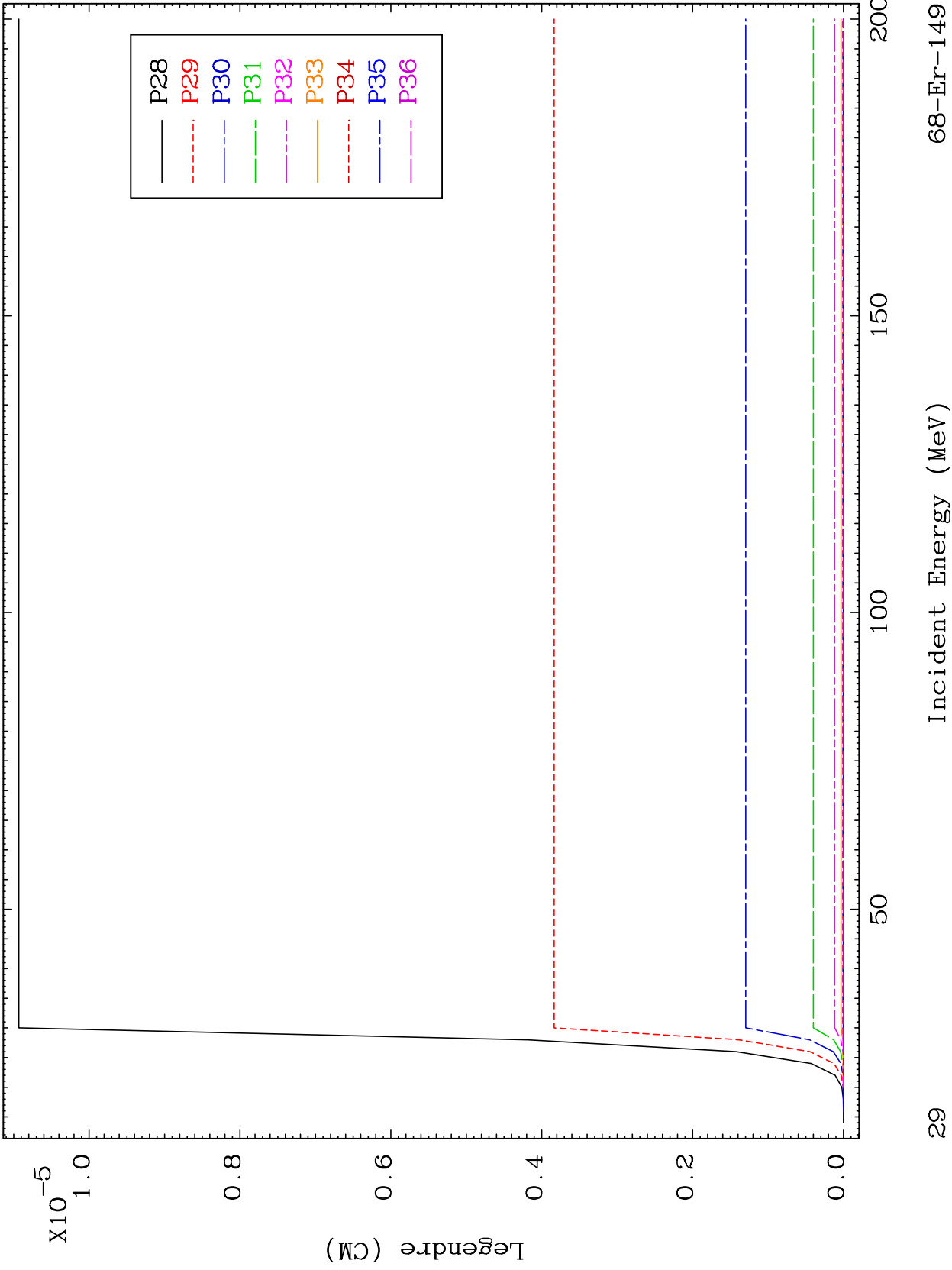
68-Er-149



MAT 6786

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

68-Er-149

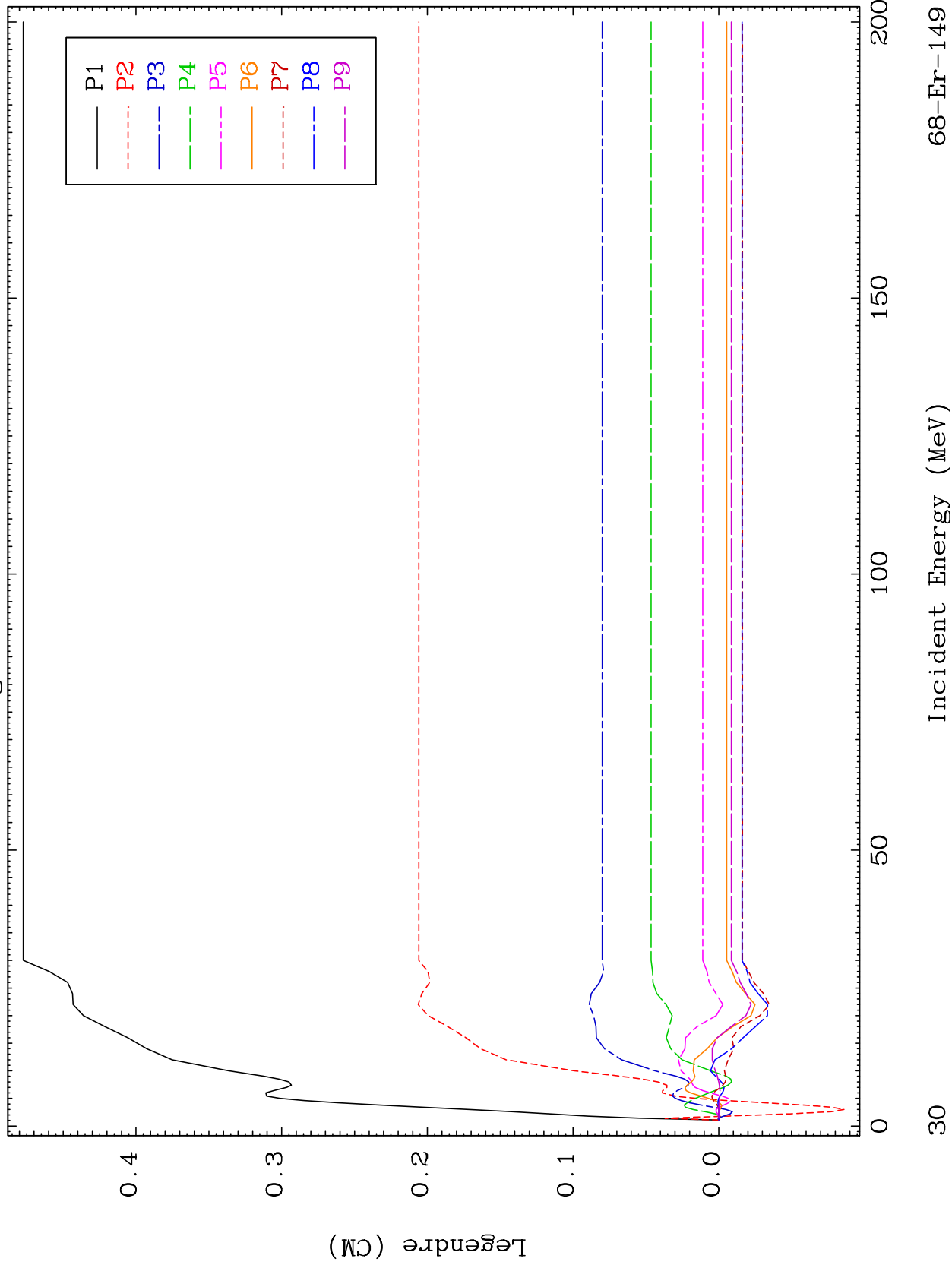


29

MAT 6786

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

68-Er-149



68-Er-149

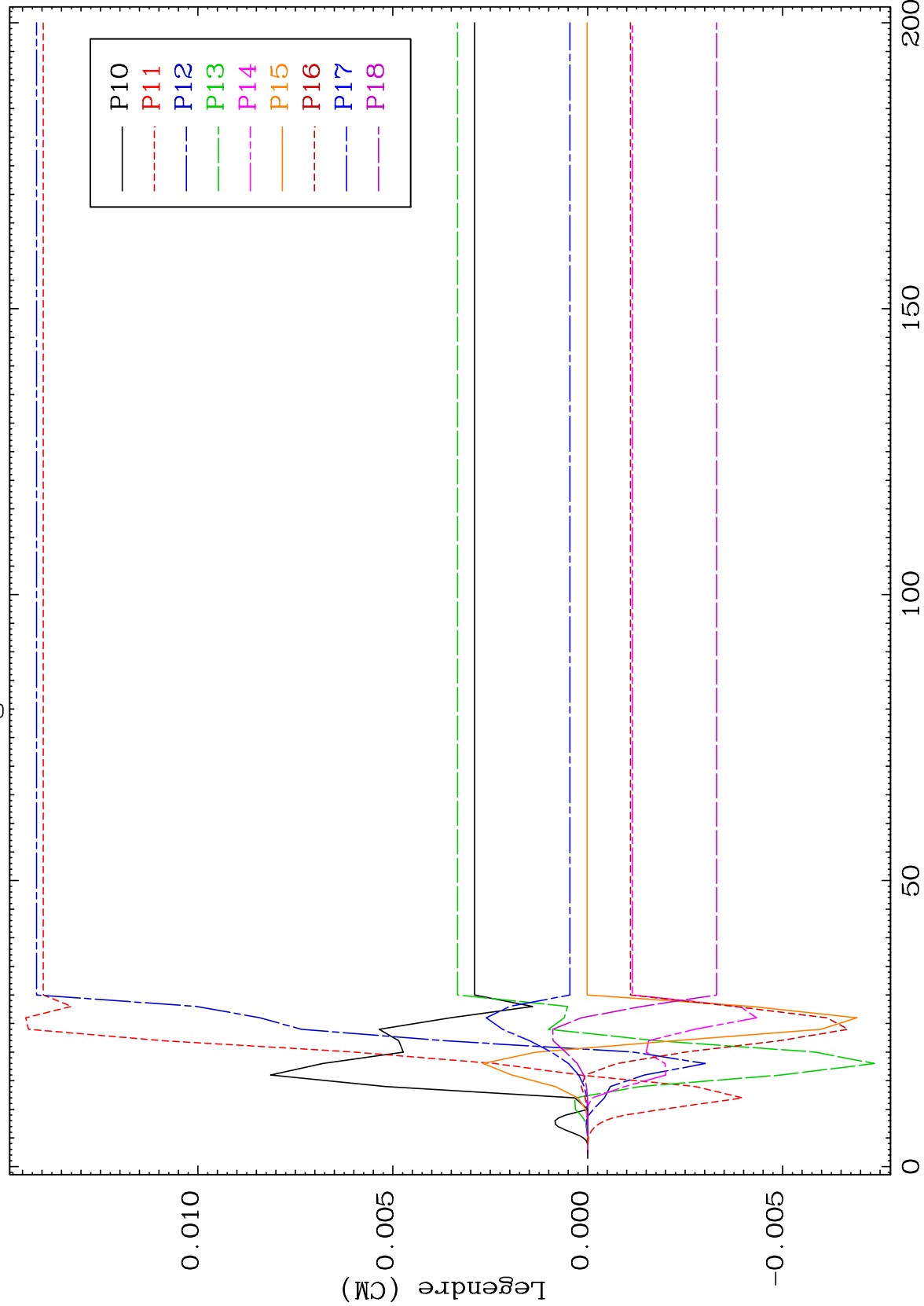
Incident Energy (MeV)

30

MAT 6786

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

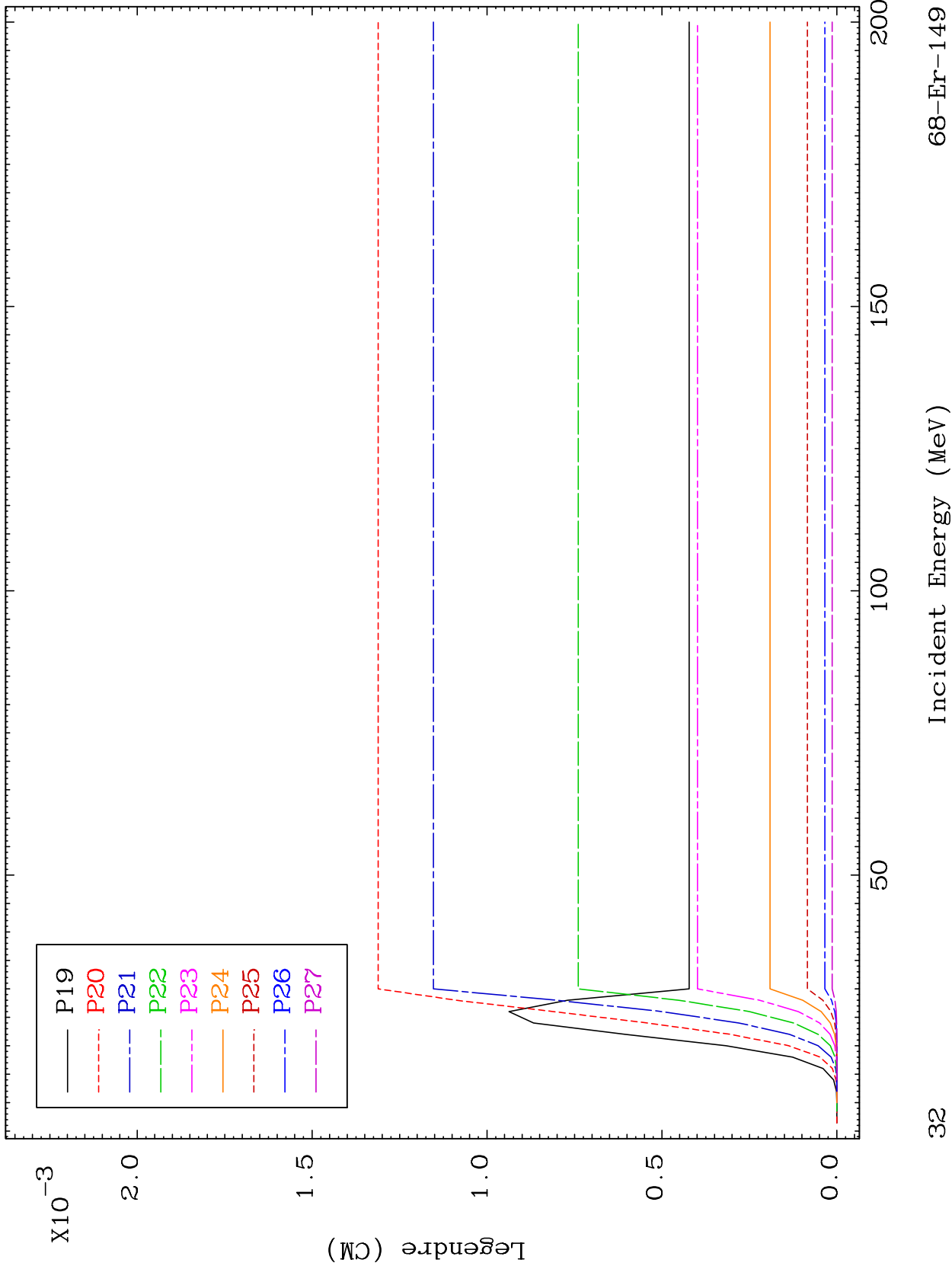
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31

Incident Energy (MeV)

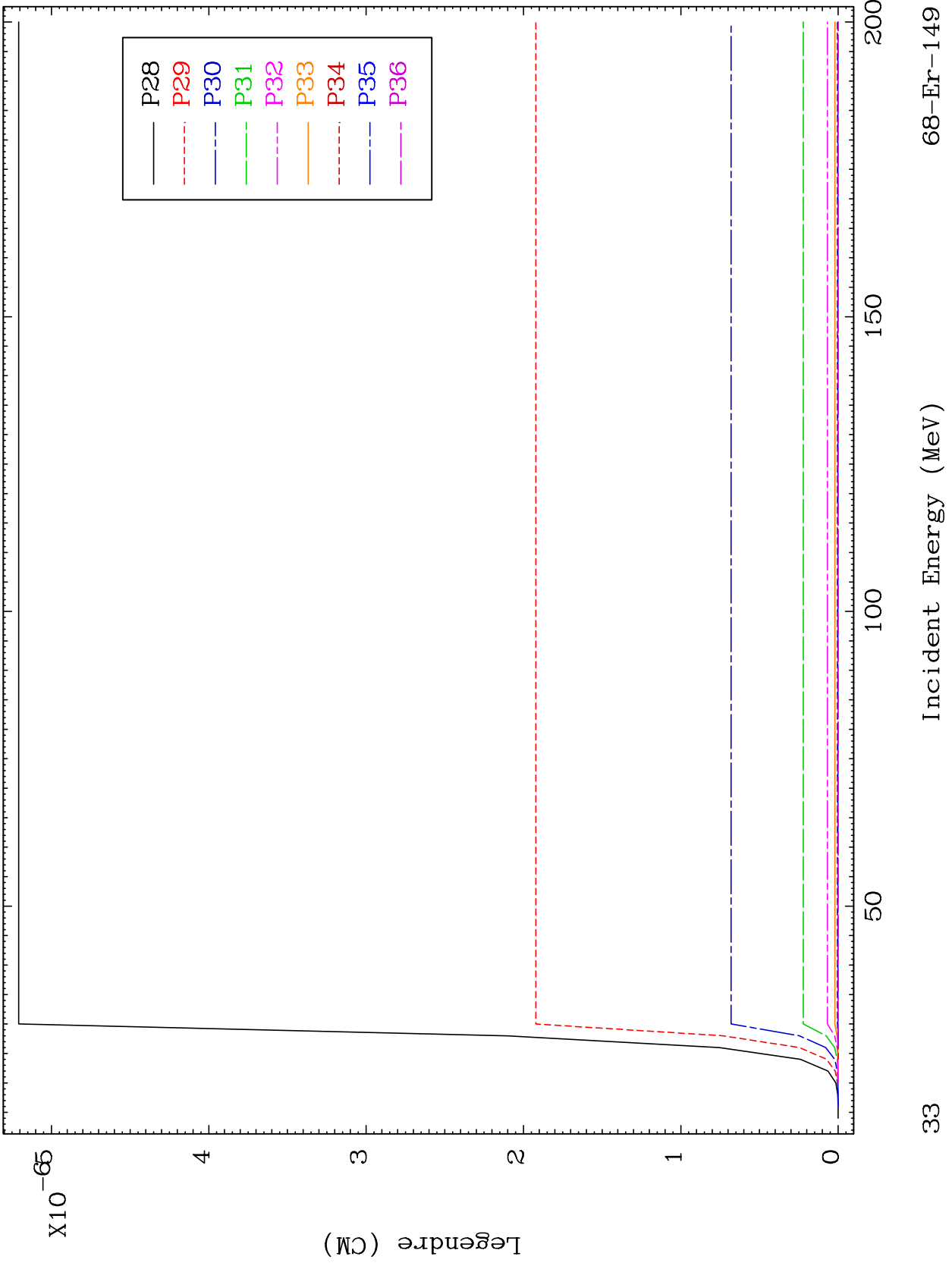
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MAT 6786

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

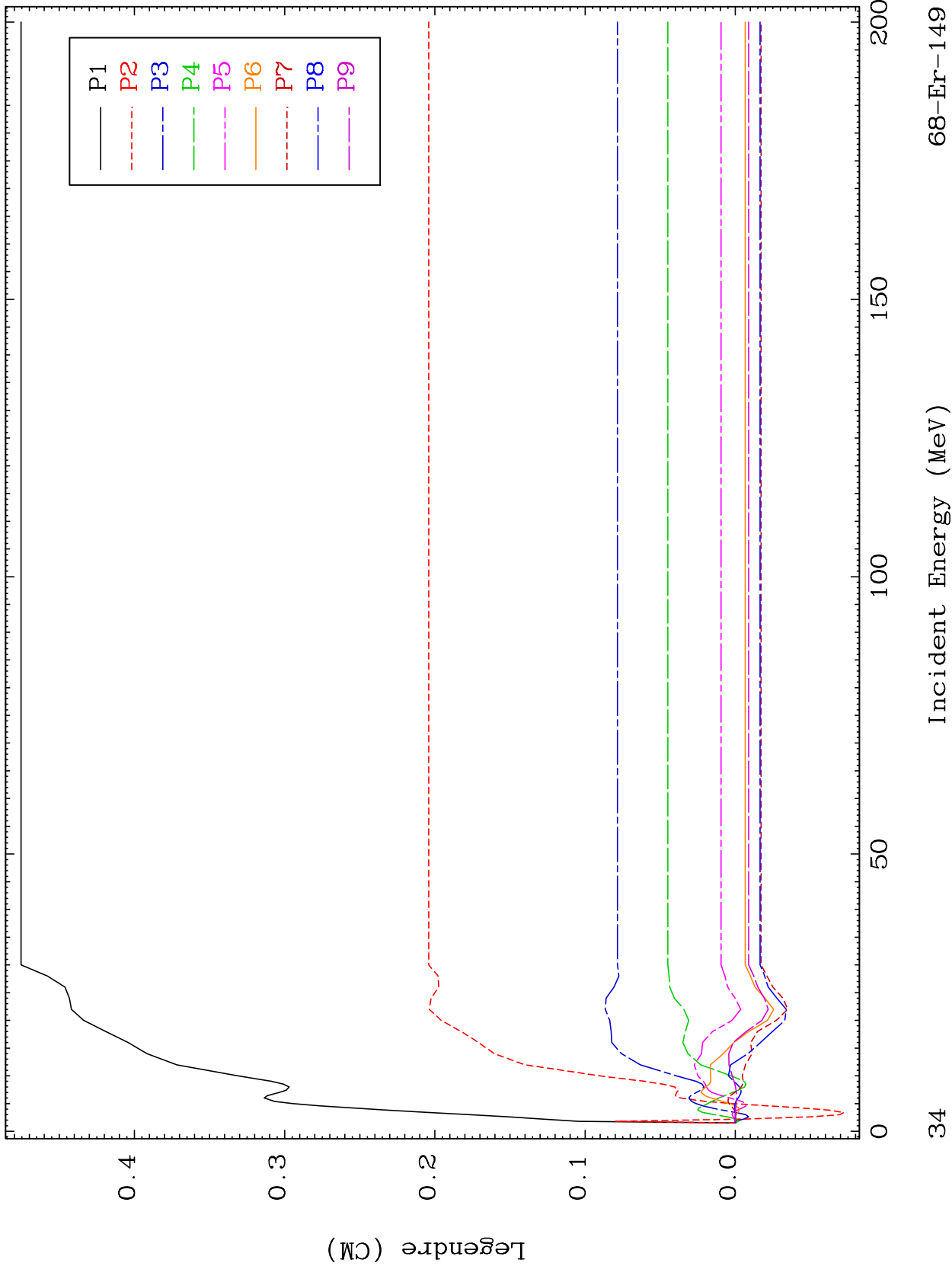
68-Er-149



MAT 6786

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

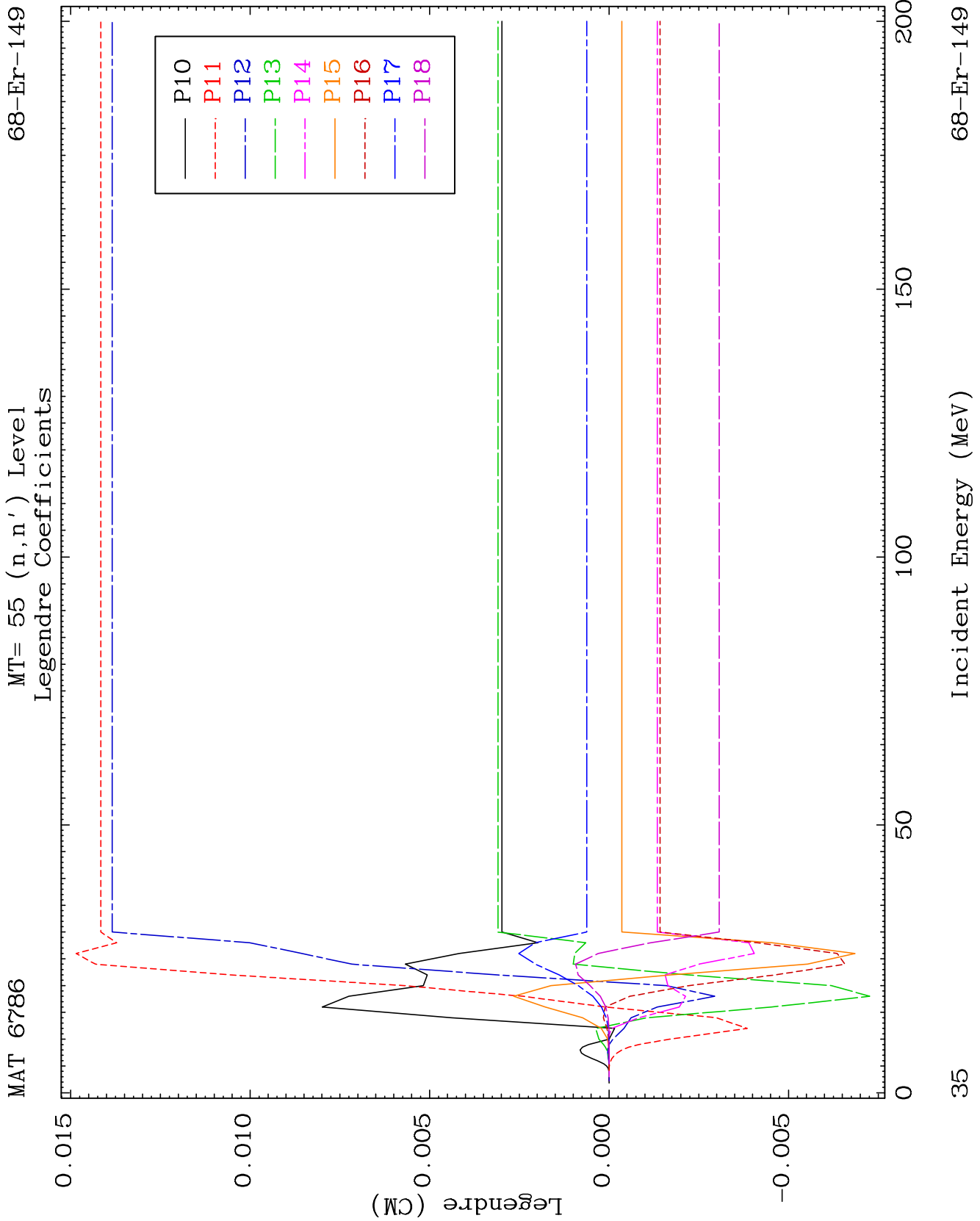
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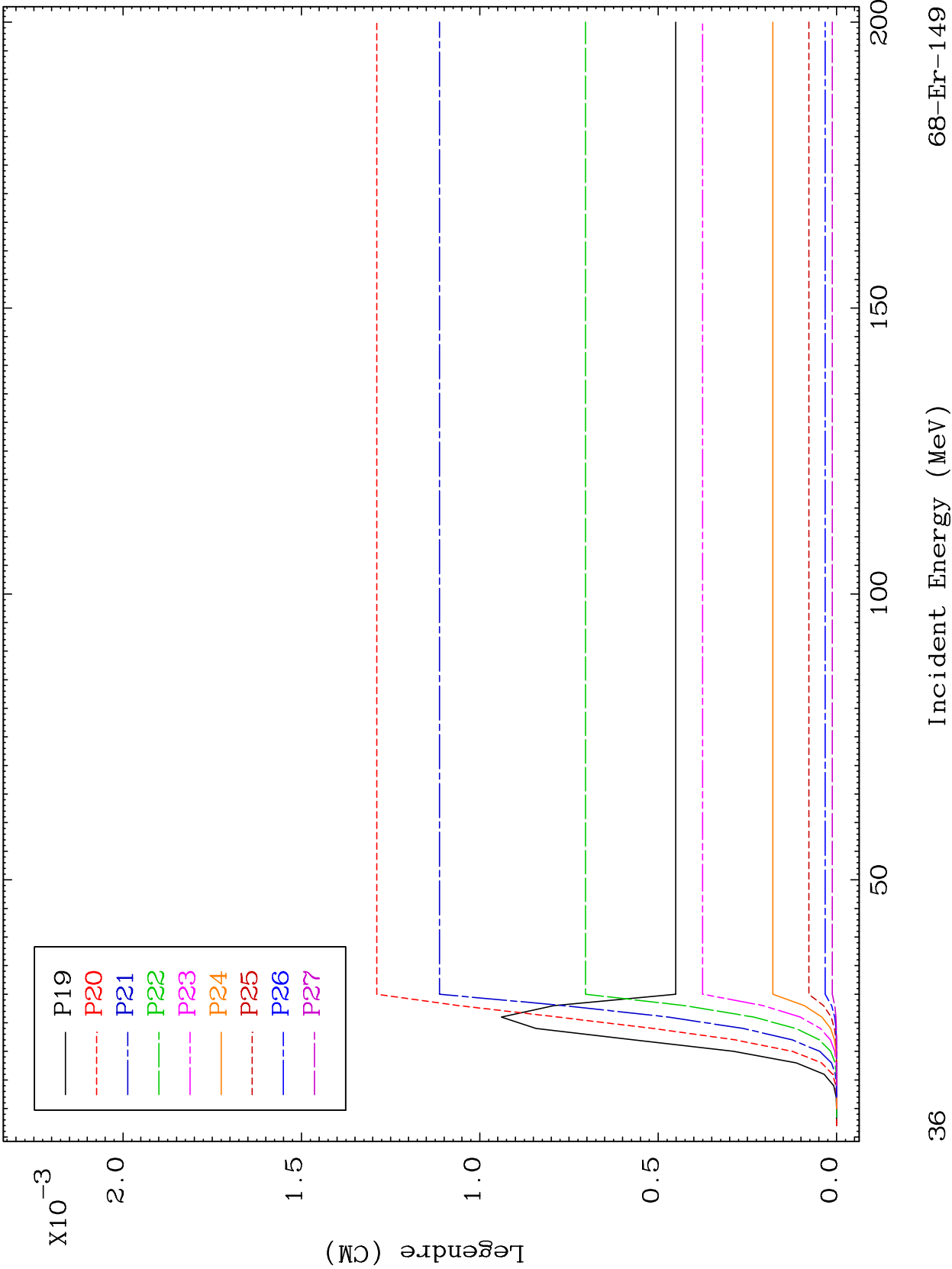


68-Er-149

Incident Energy (MeV)

34

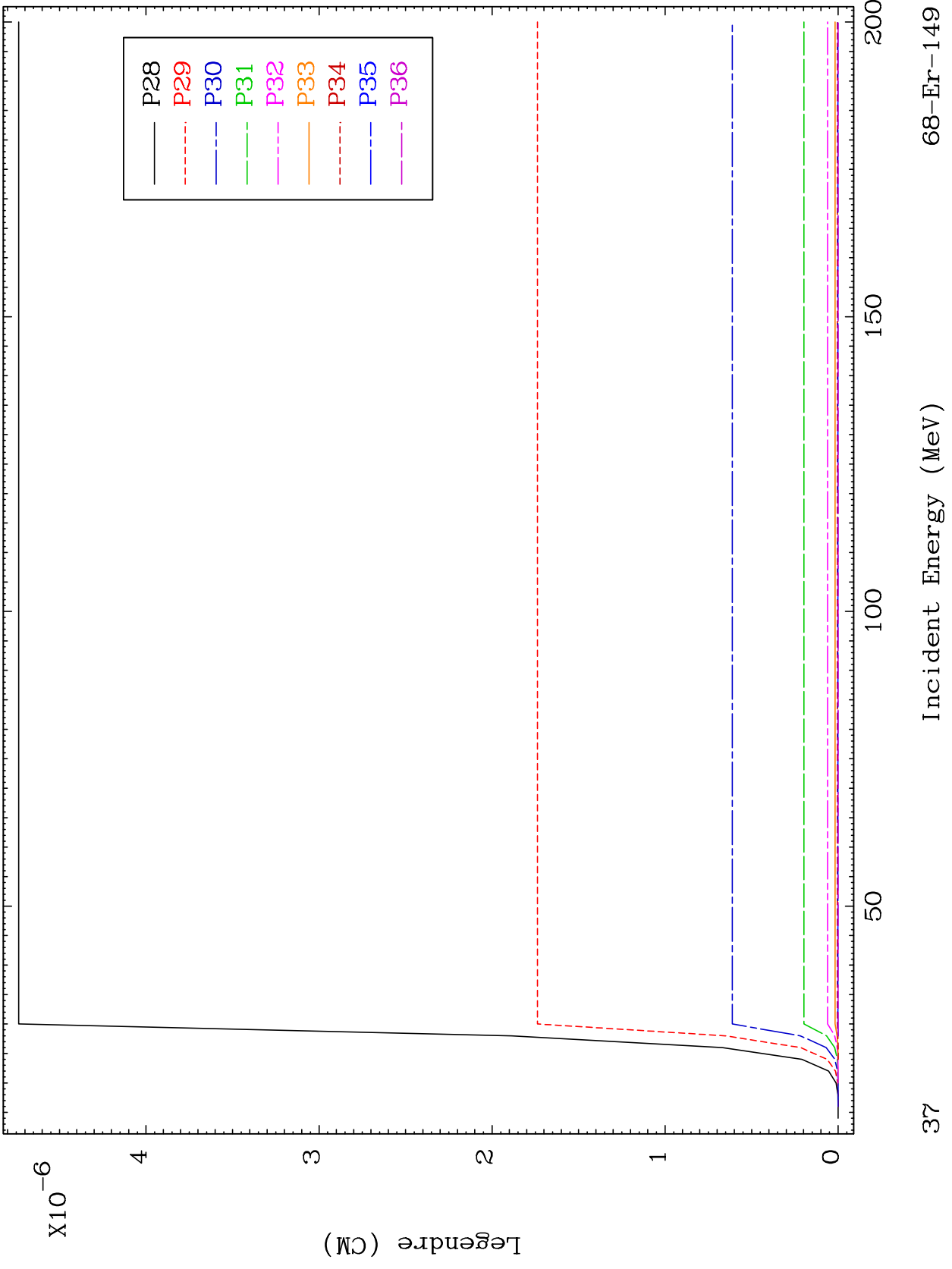




MAT 6786

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

68-Er-149



37

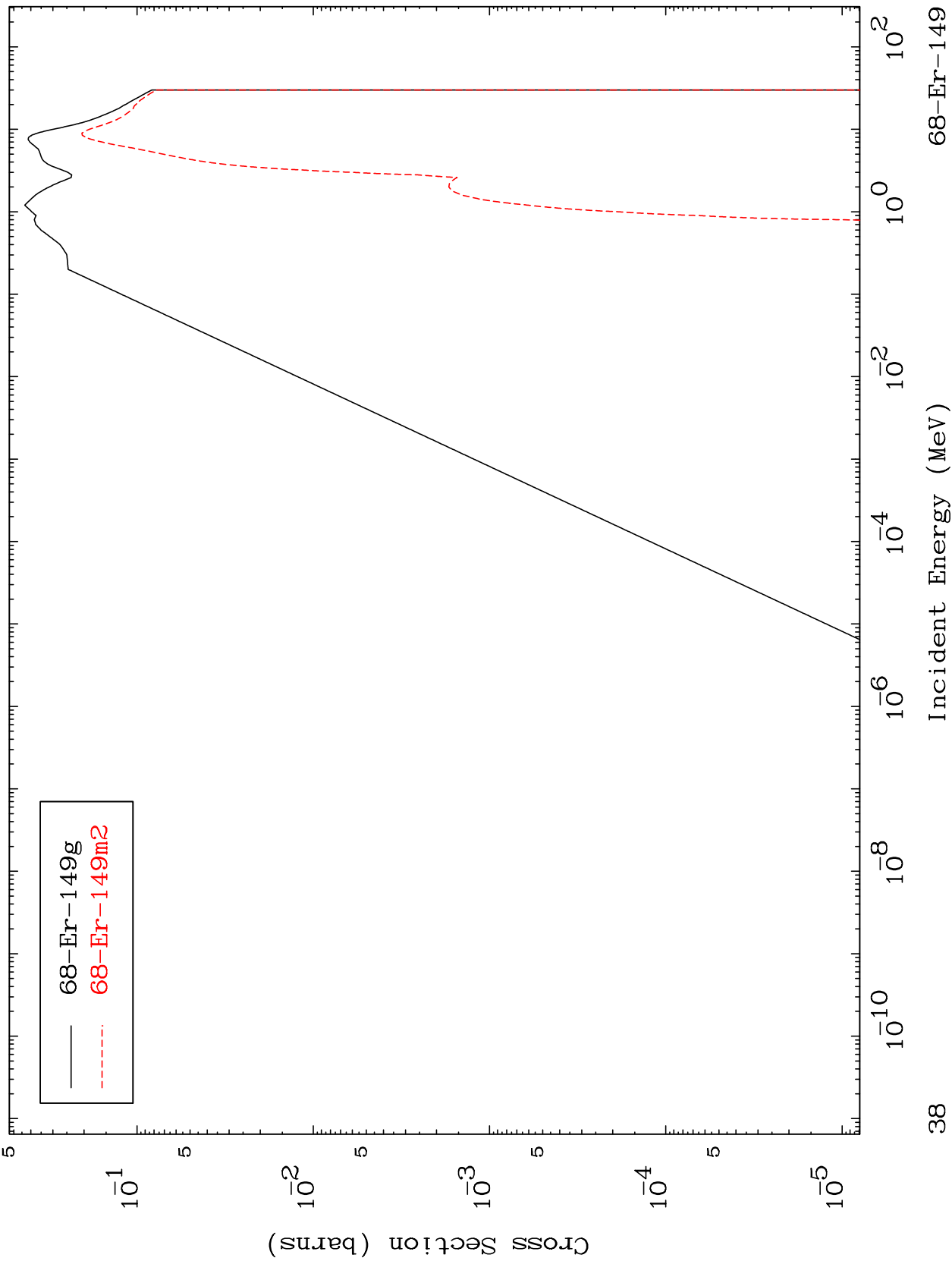
Incident Energy (MeV)

68-Er-149

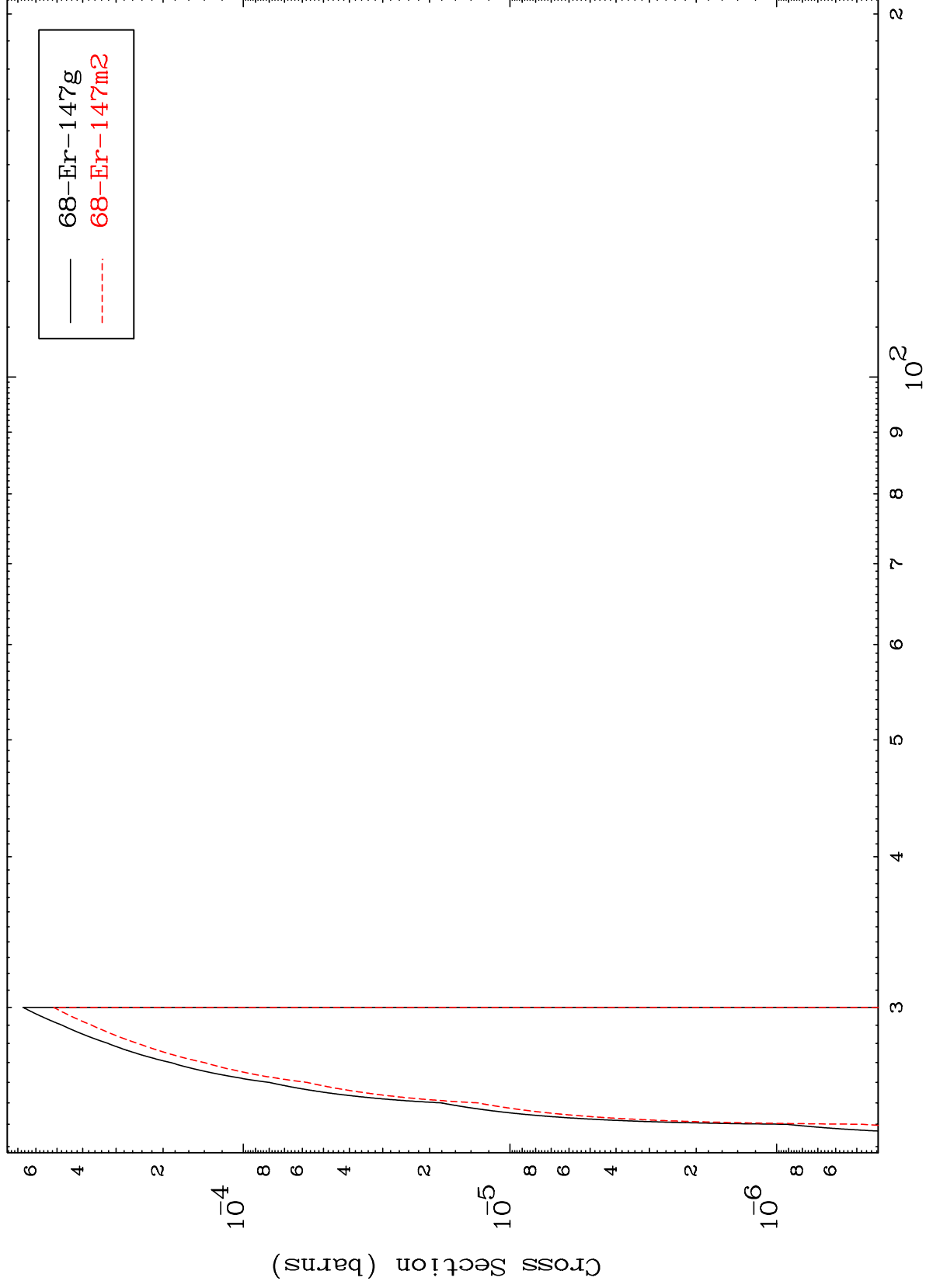
MAT 6786

68-Er-149

Inelastic
Radionuclide Production Cross Section



Radionuclide Production Cross Section

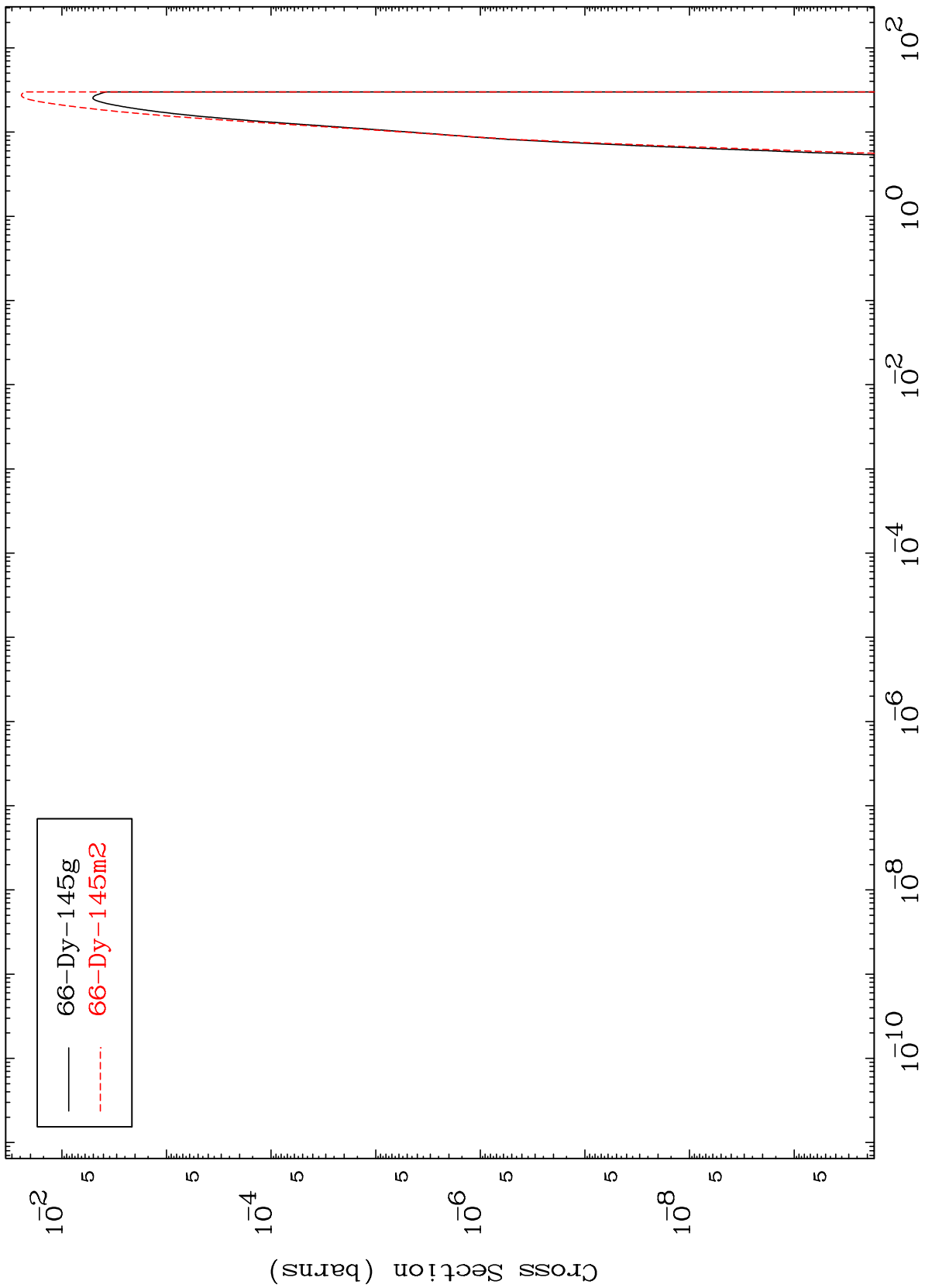


MAT 6786

$(n, n') \alpha$

68-Er-149

Radionuclide Production Cross Section



40

Incident Energy (MeV)

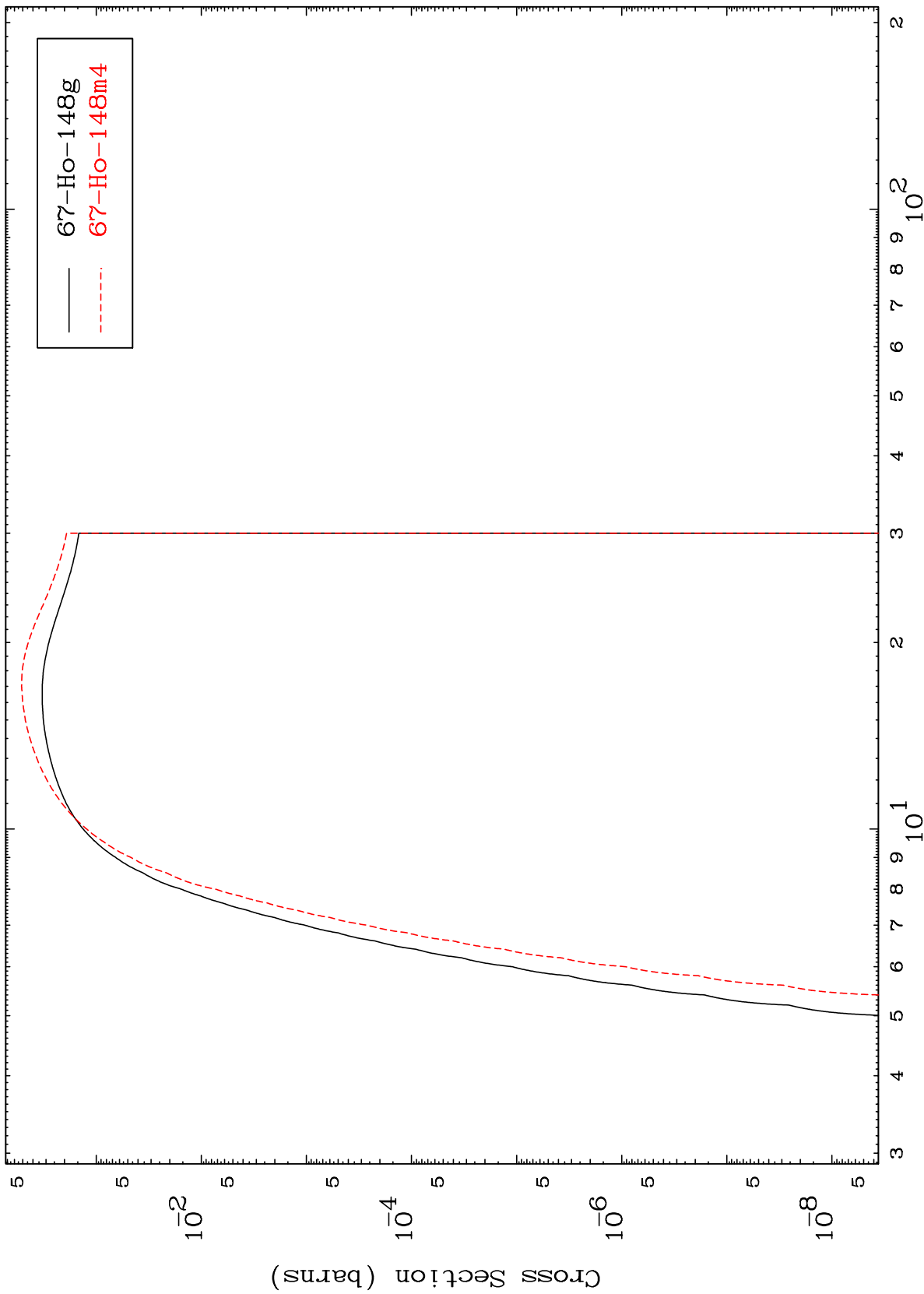
68-Er-149

MAT 6786

(n,n') p

68-Er-149

Radionuclide Production Cross Section



41

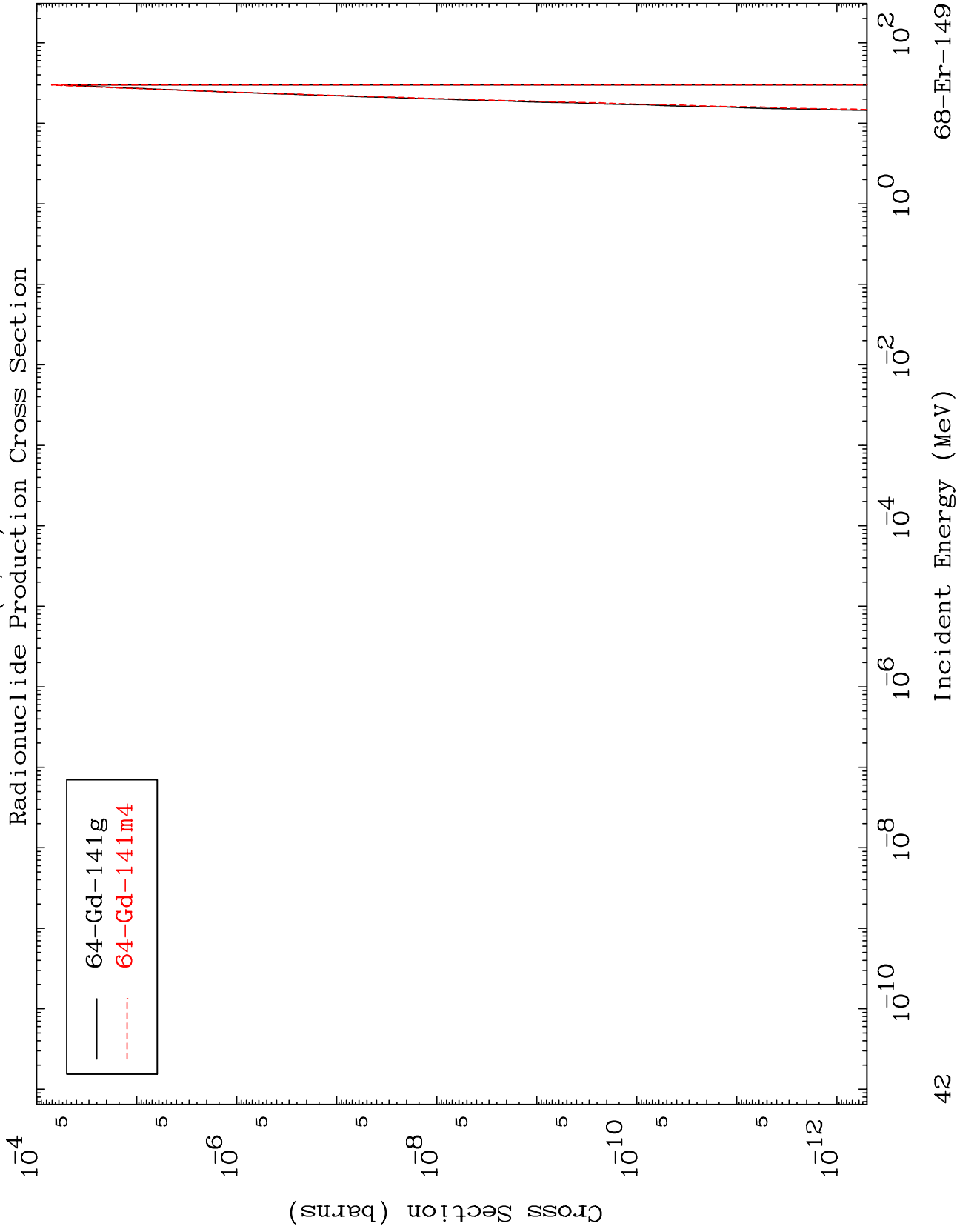
Incident Energy (MeV)

68-Er-149

MAT 6786

(n,n') 2 α

68-Er-149

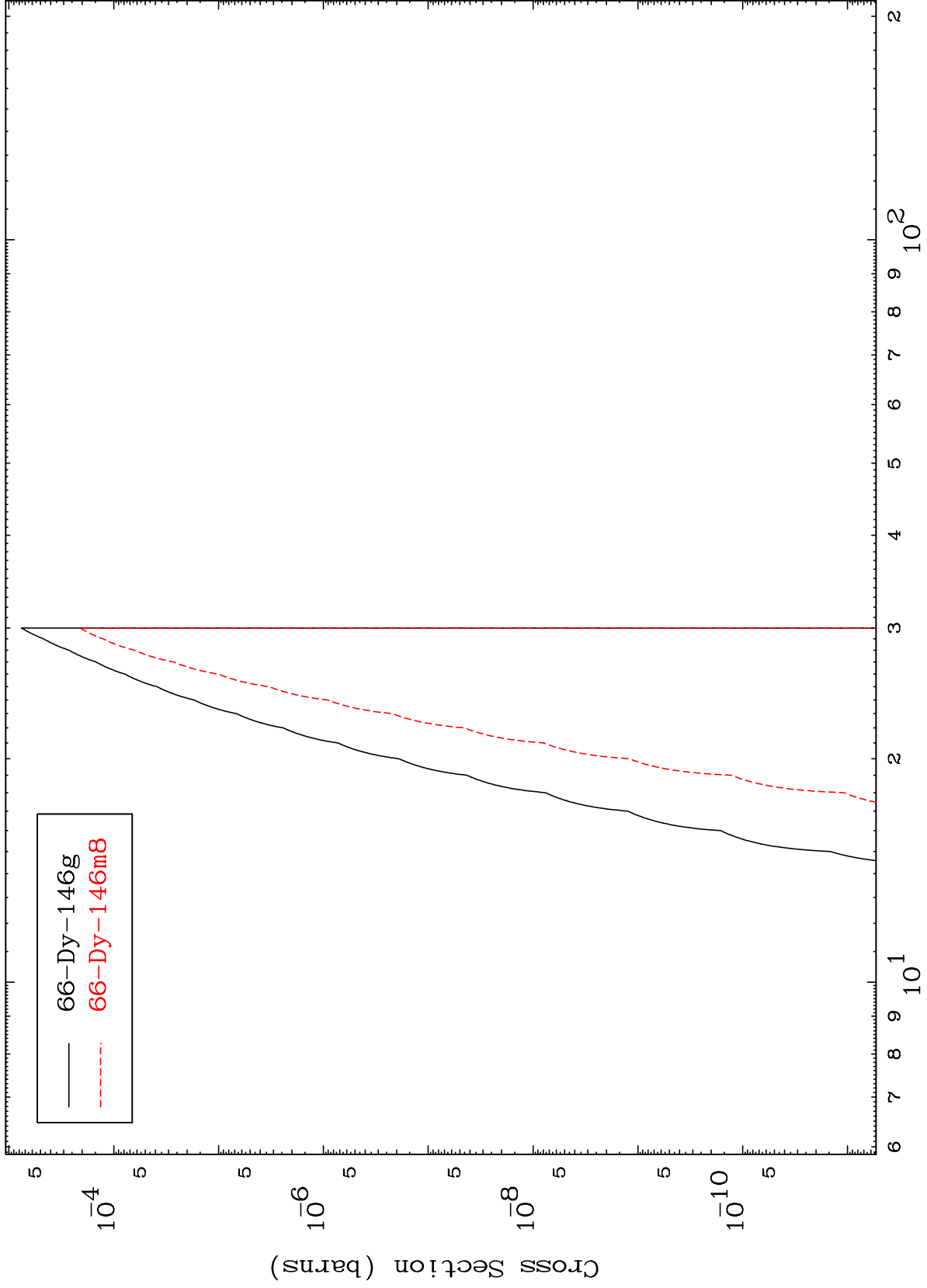


MAT 6786

(n,n') He-3

68-Er-149

Radionuclide Production Cross Section



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

43

Incident Energy (MeV)

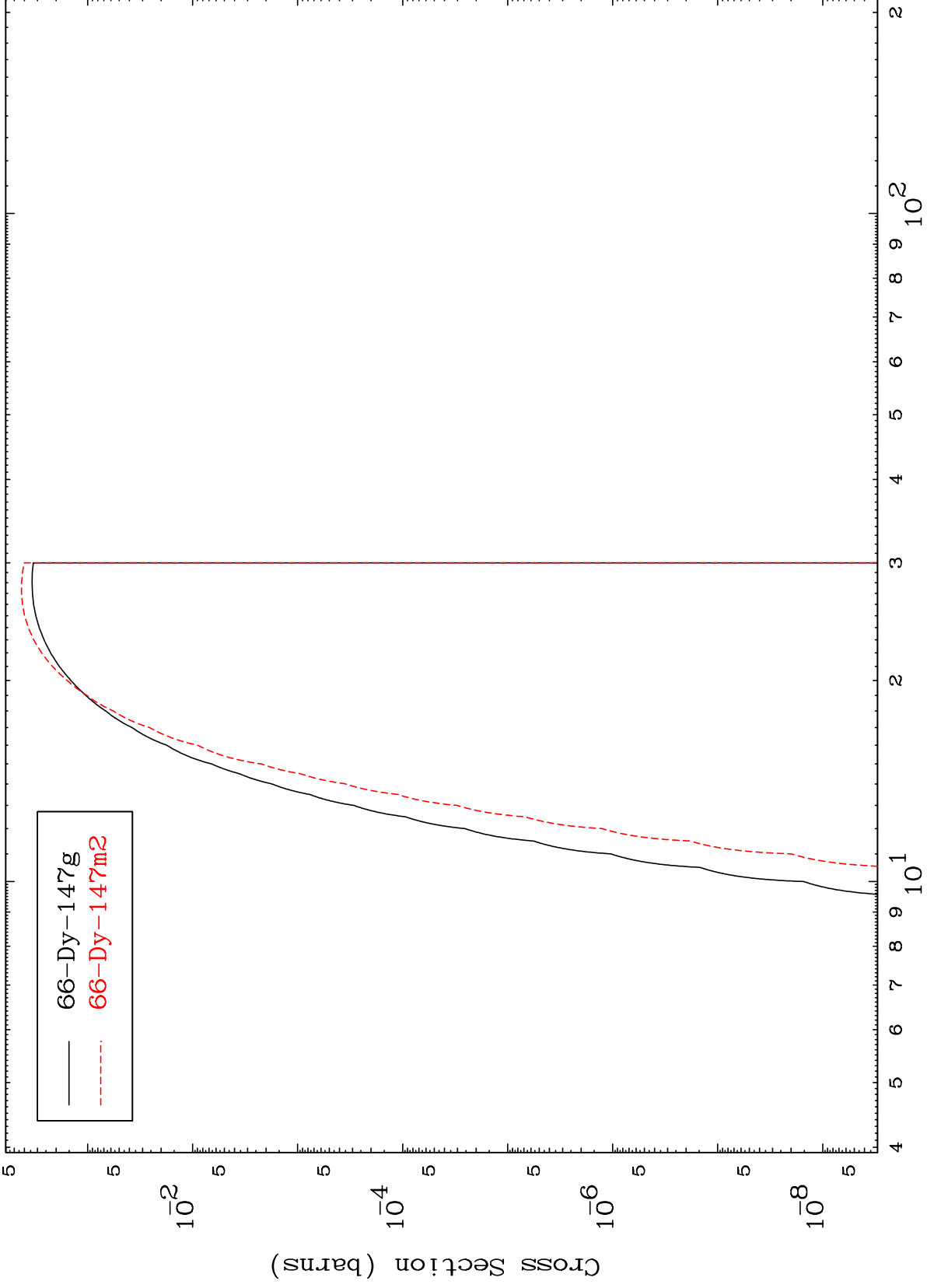
68-Er-149

MAT 6786

$(n,2n)$ p

68-Er-149

Radionuclide Production Cross Section



44

Incident Energy (MeV)

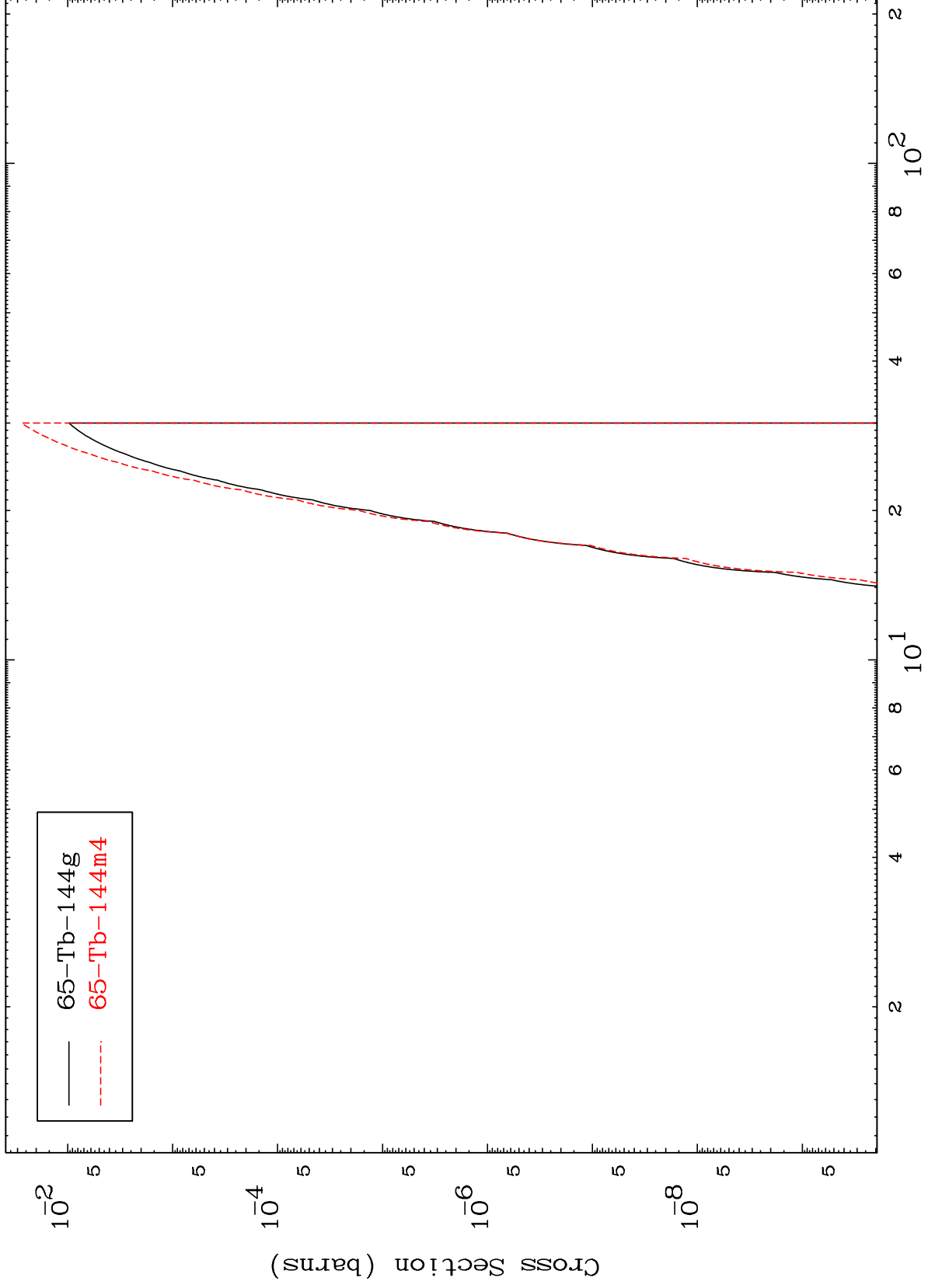
68-Er-149

MAT 6786

(n,n') p α

68-Er-149

Radionuclide Production Cross Section



45

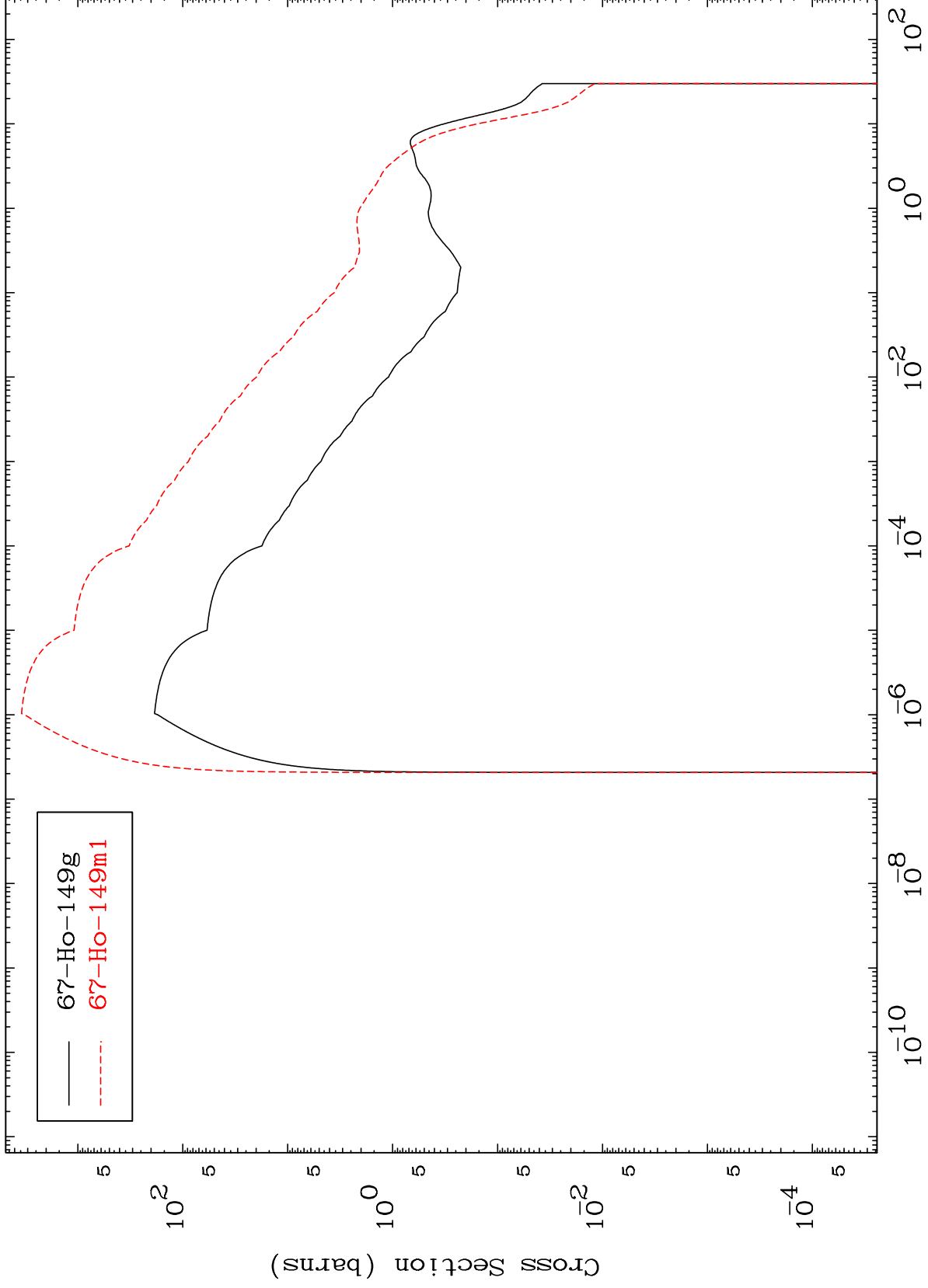
Incident Energy (MeV)

68-Er-149

MAT 6786

68-Er-149

(n,p)
Radionuclide Production Cross Section



Incident Energy (MeV)

68-Er-149

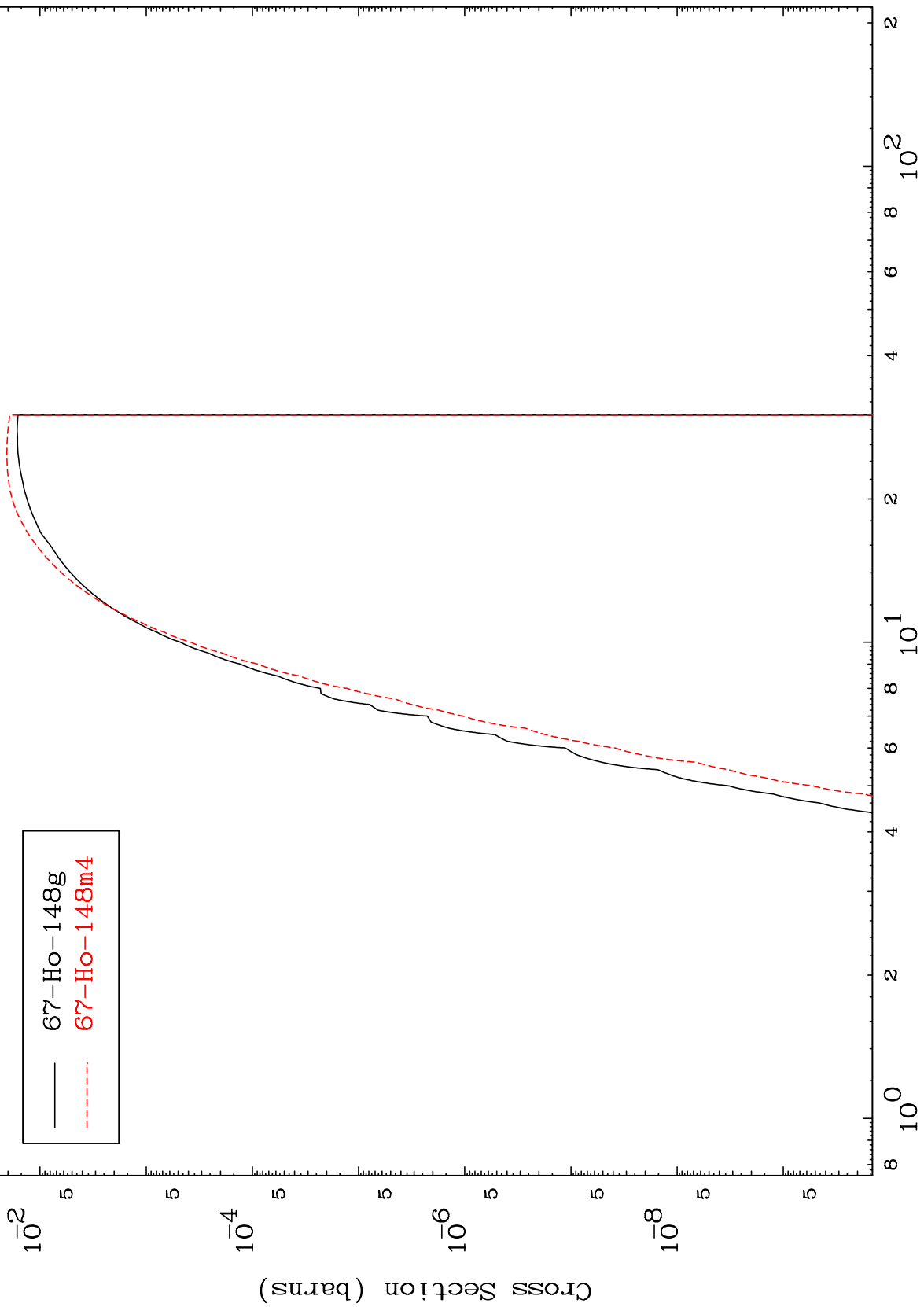
46

MAT 6786

(n,d)

68-Er-149

Radionuclide Production Cross Section



47

Incident Energy (MeV)

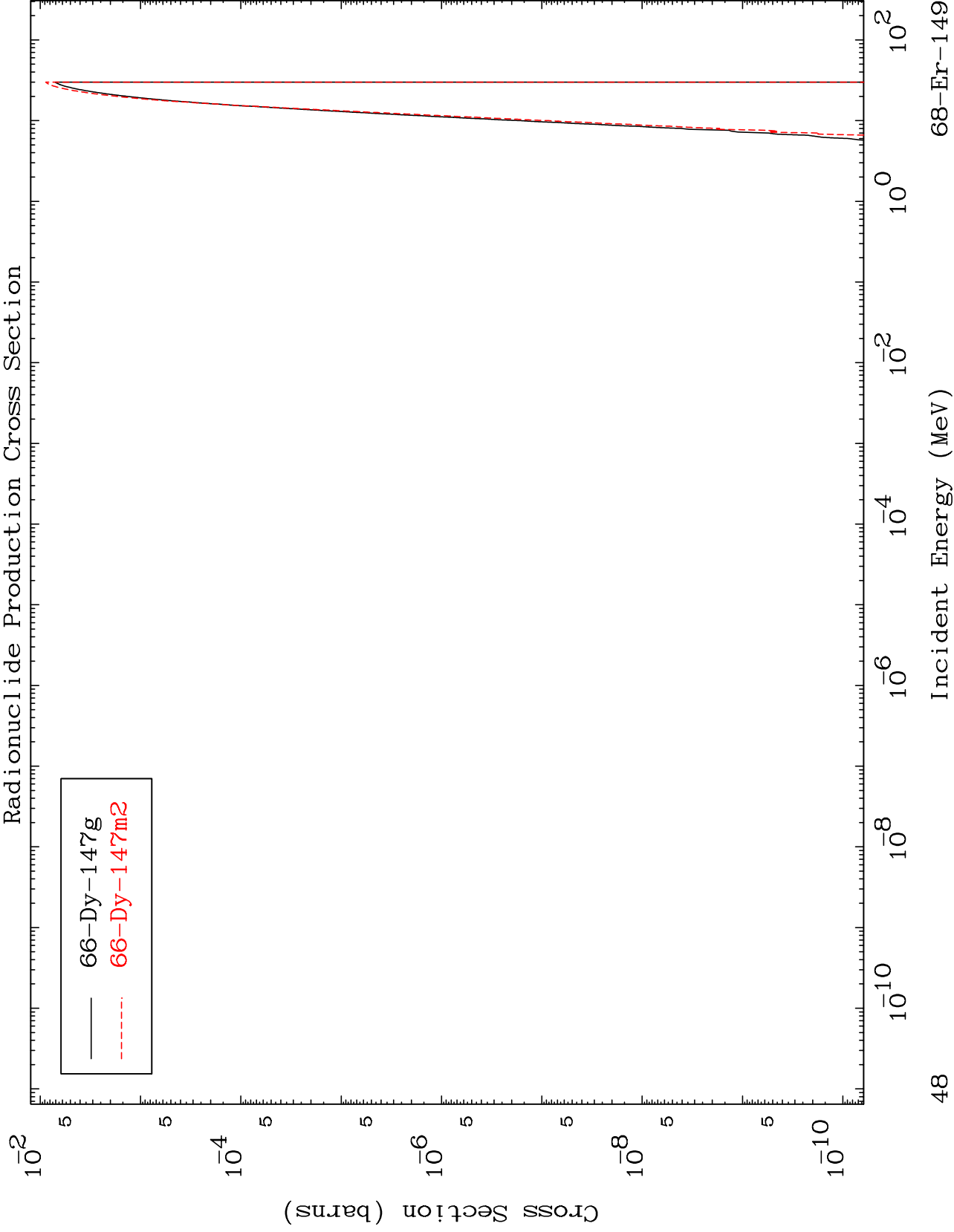
68-Er-149

MAT 6786

(n,He-3)

68-Er-149

Radionuclide Production Cross Section

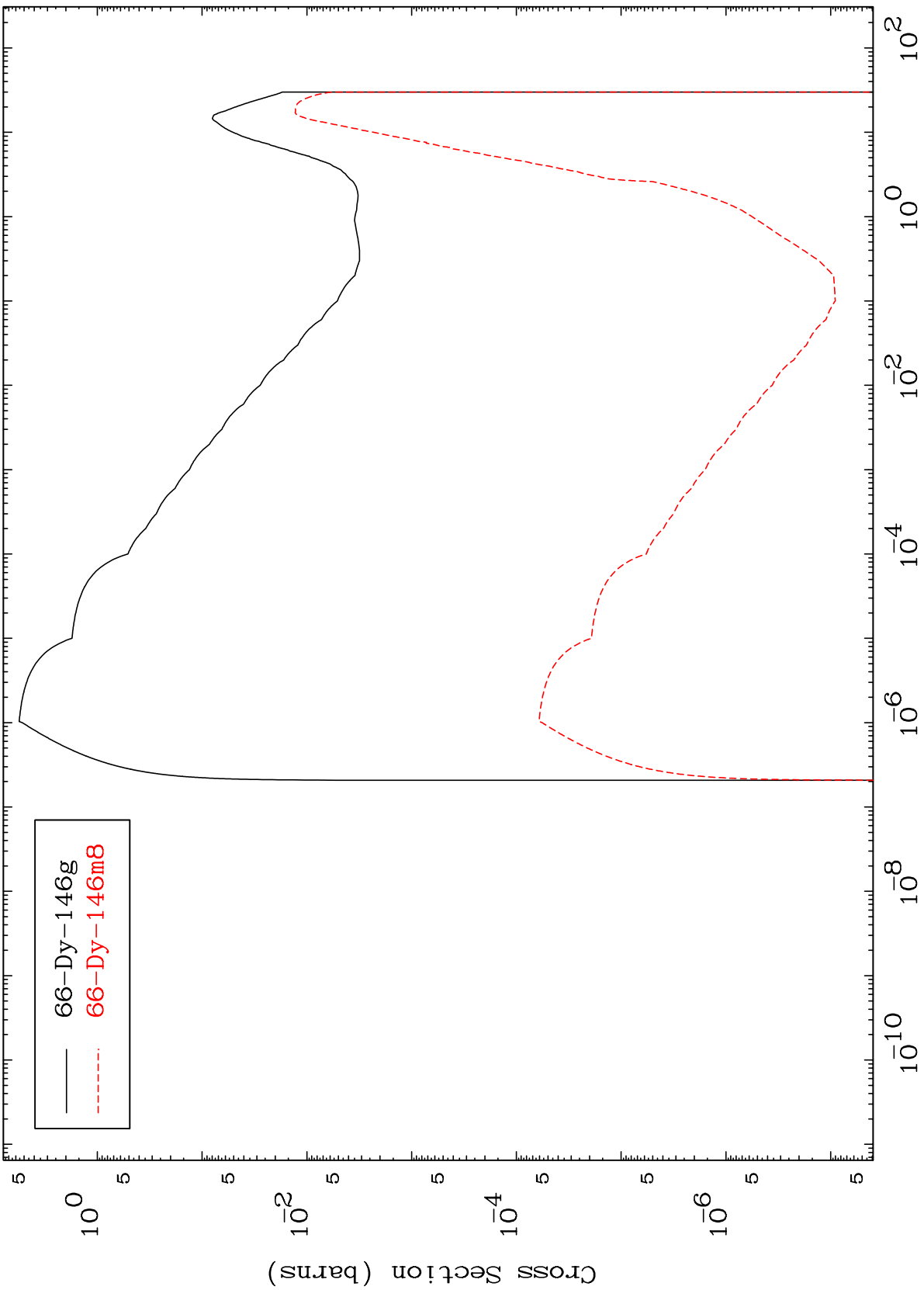


66-Dy-147g
66-Dy-147m2

MAT 6786

68-Er-149

Radionuclide Production Cross Section (n, α)



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

68-Er-149

Incident Energy (MeV)

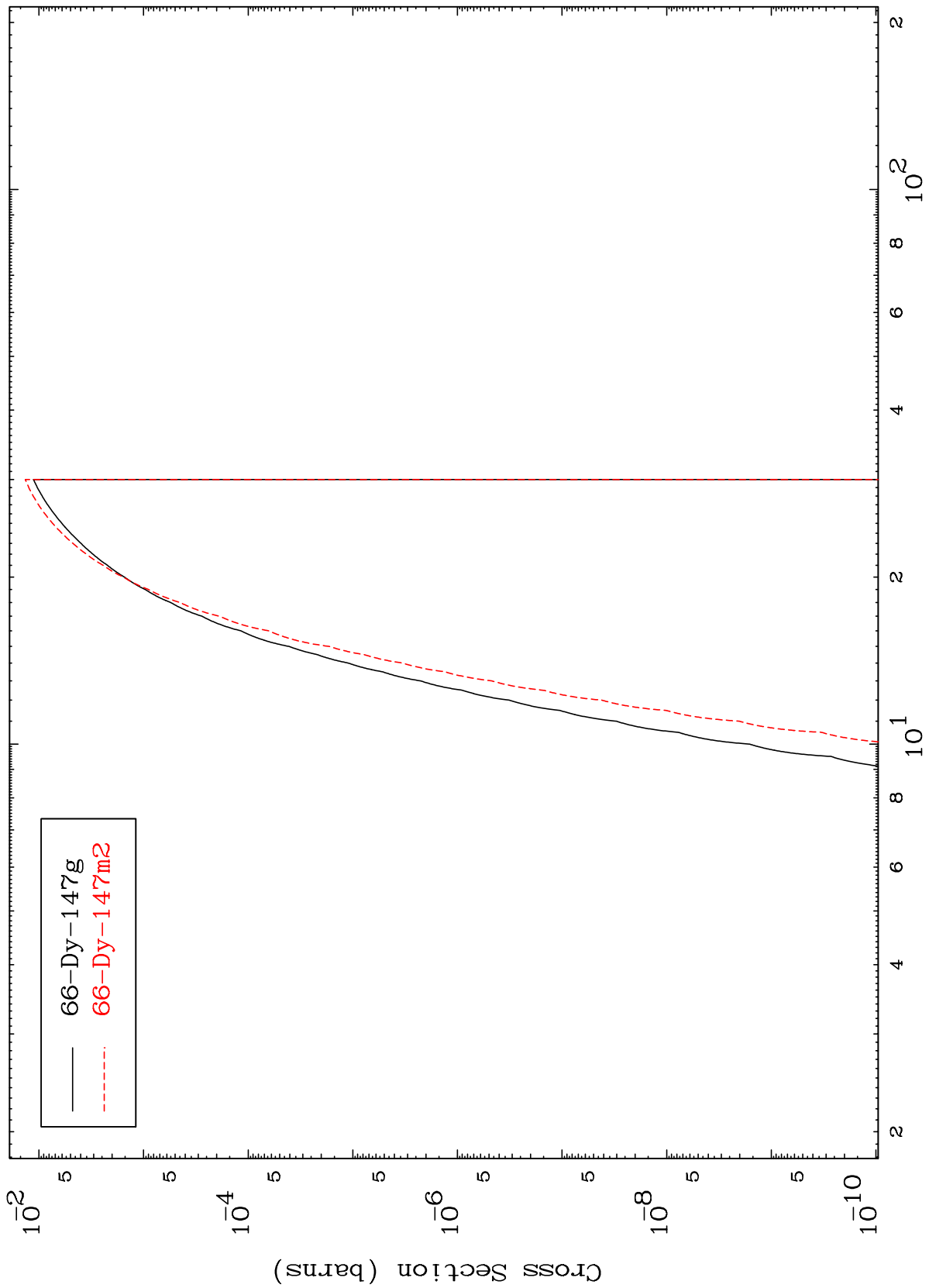
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MAT 6786

(n,p) d

68-Er-149

Radionuclide Production Cross Section



66-Dy-147g
66-Dy-147m2

50

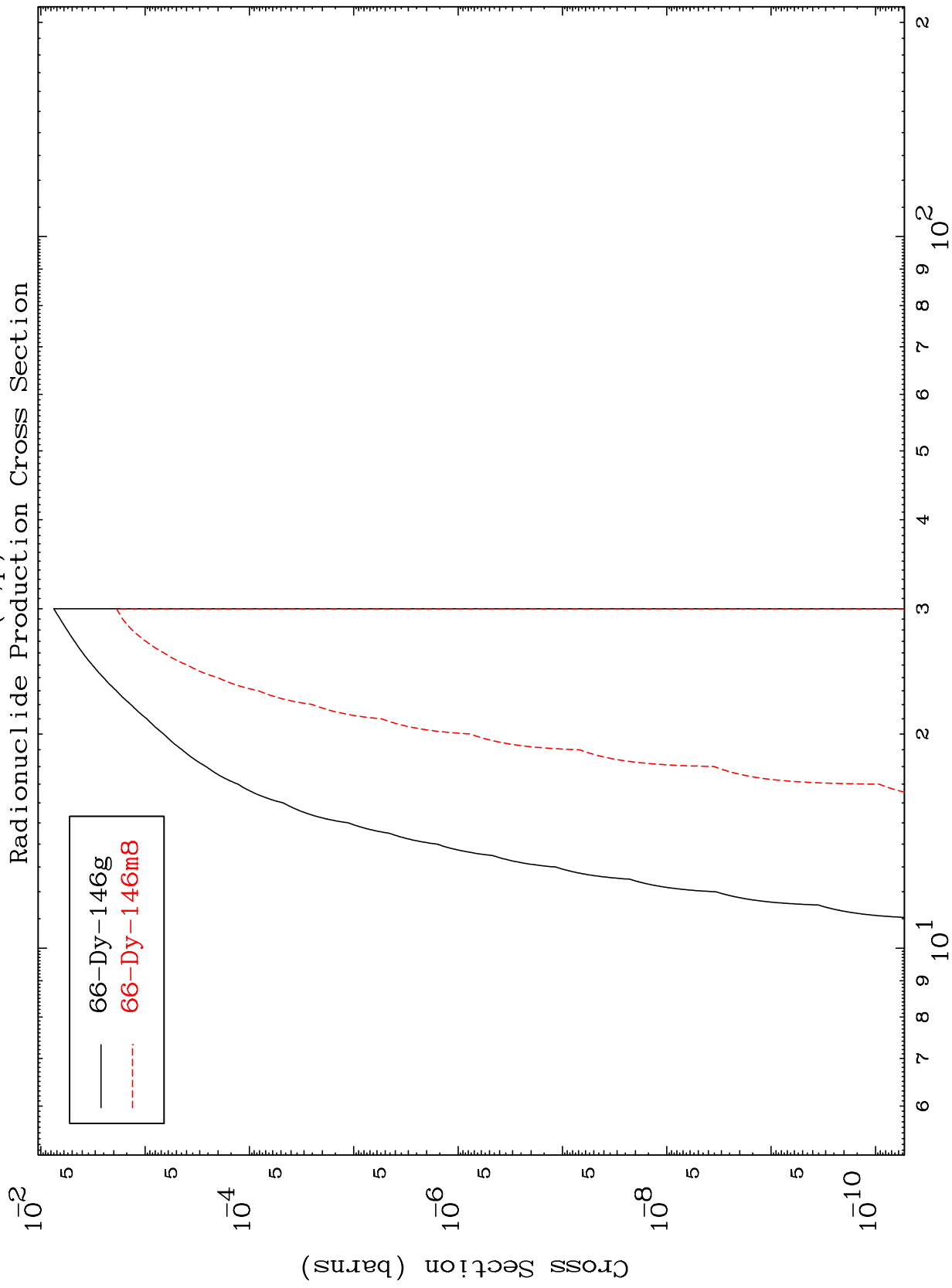
Incident Energy (MeV)

68-Er-149

MAT 6786

(n,p) t

68-Er-149



51

Incident Energy (MeV)

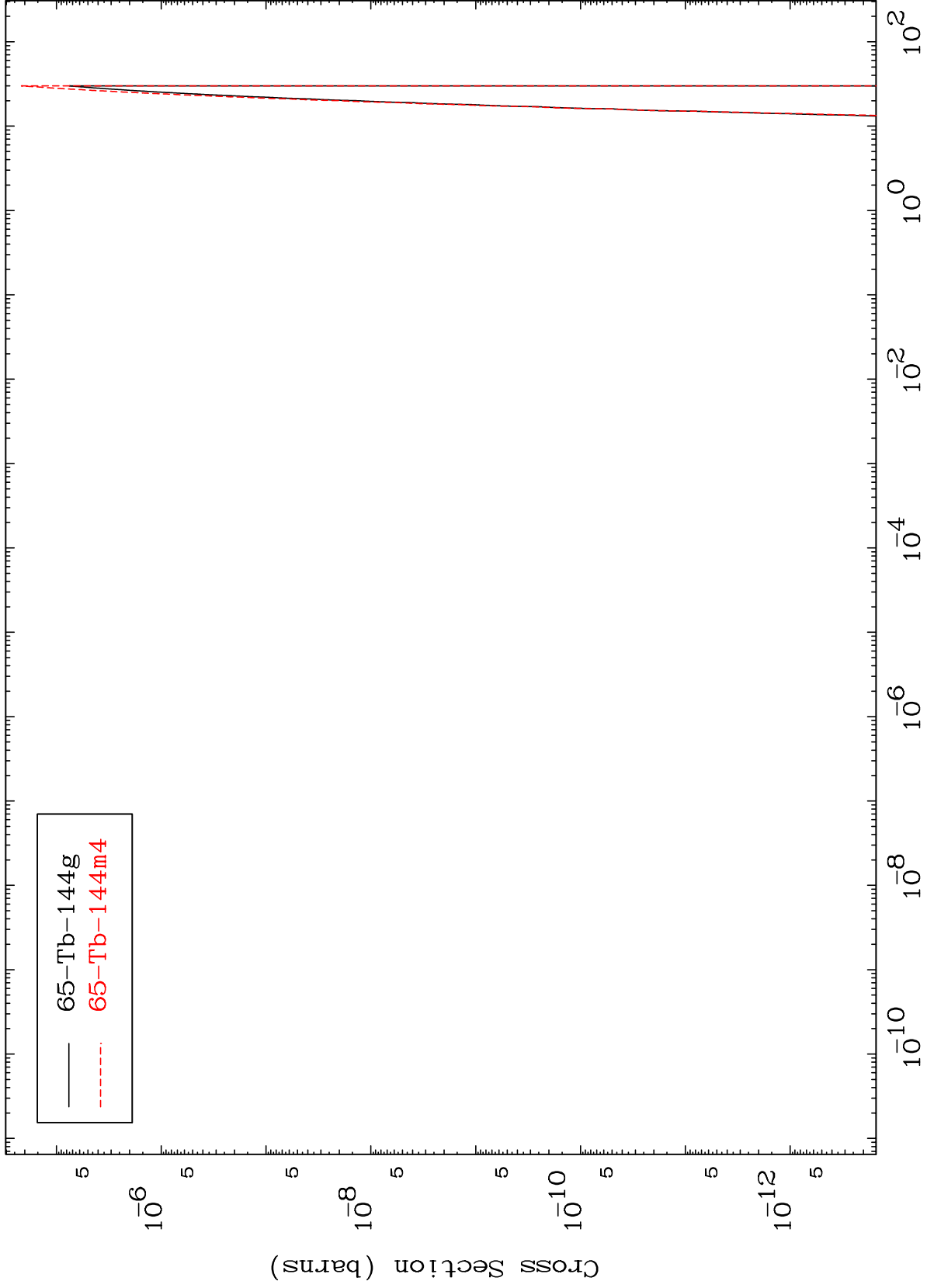
68-Er-149

MAT 6786

(n,d) α

68-Er-149

Radionuclide Production Cross Section



52

Incident Energy (MeV)

68-Er-149