

Program EVALPLOT  
(Version 2017-1)

by

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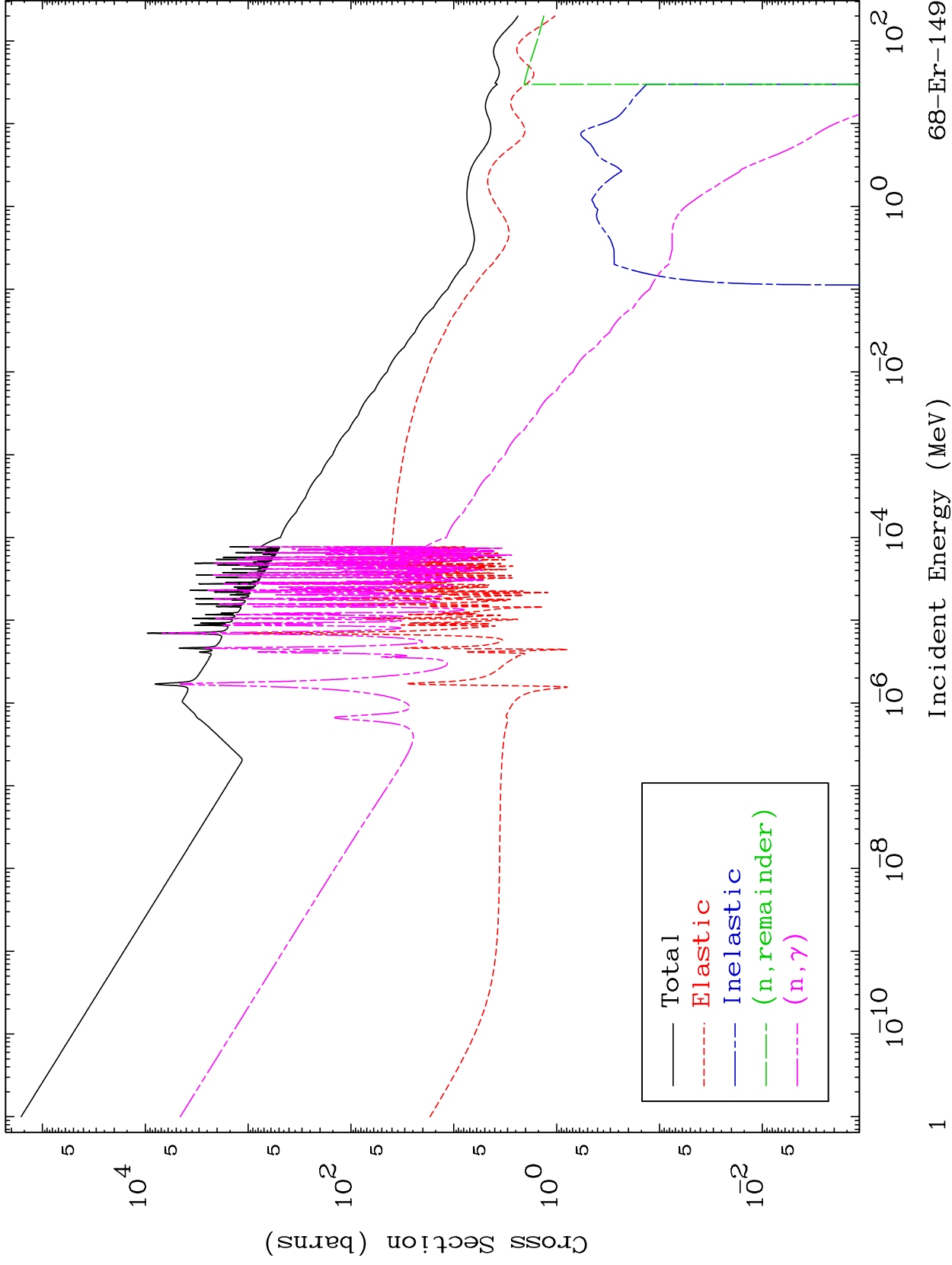
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6786

Major  
293 Kelvin Cross Sections

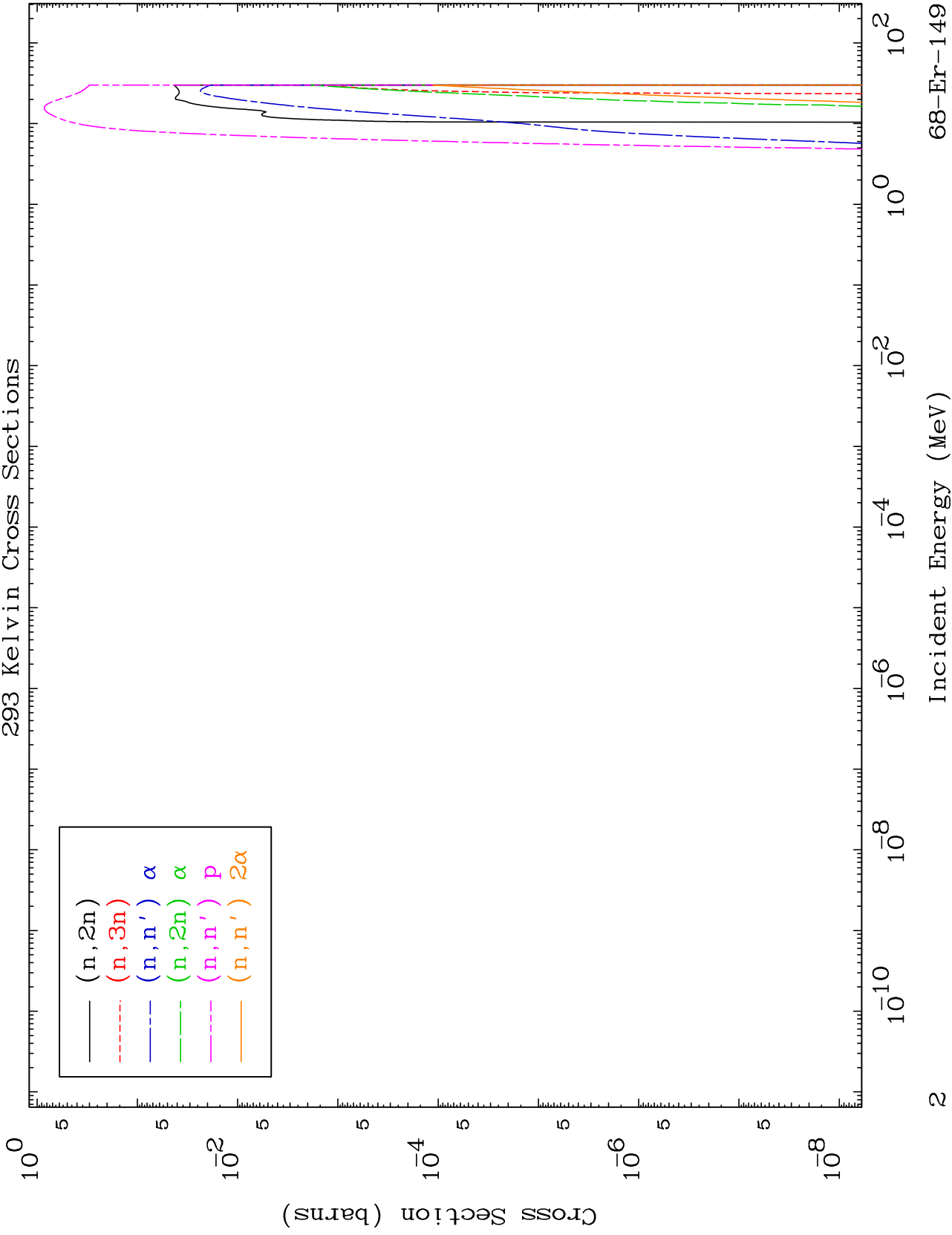
68-Er-149

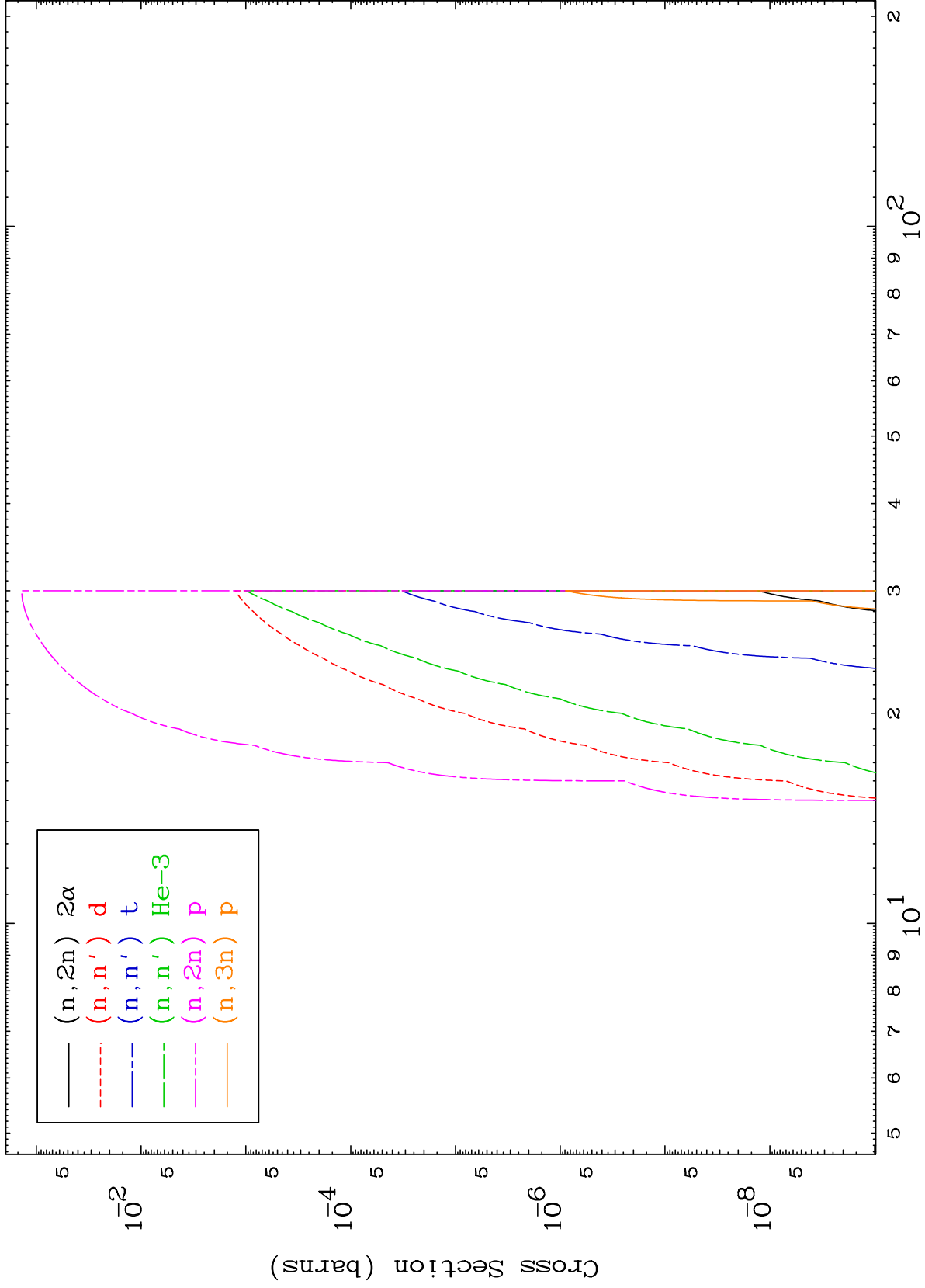


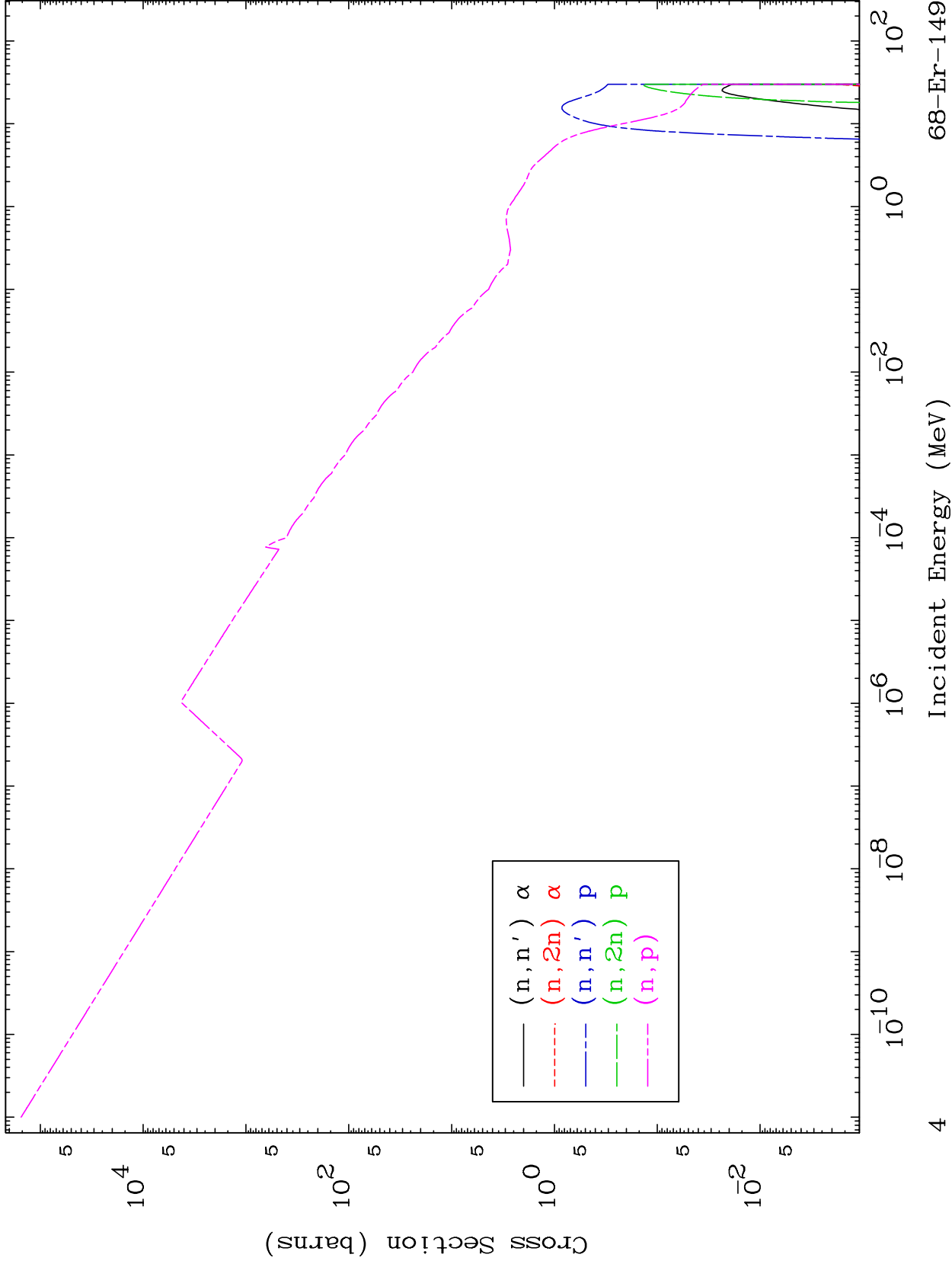
MAT 6786

Neutron Production  
293 Kelvin Cross Sections

68-Er-149



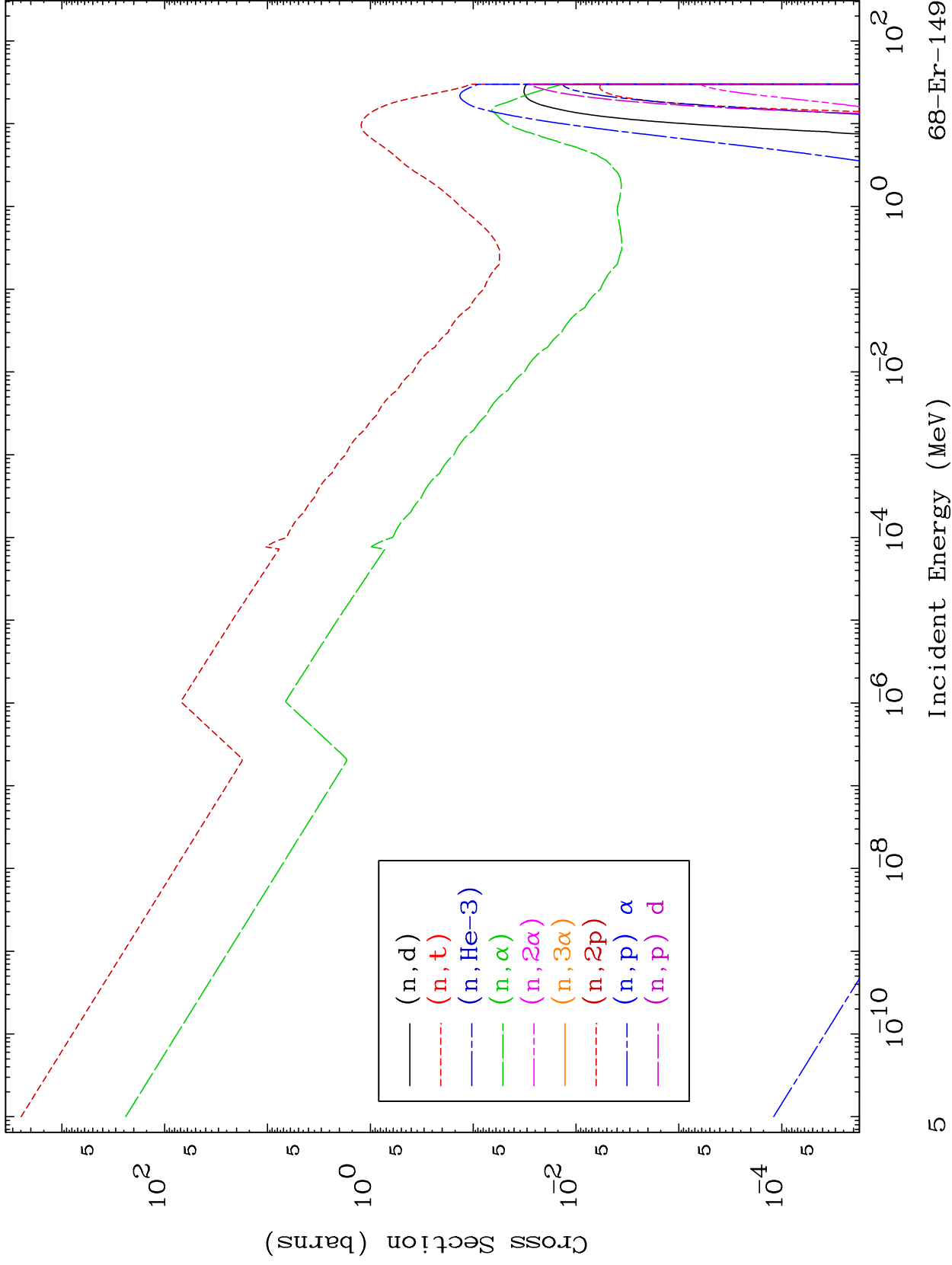


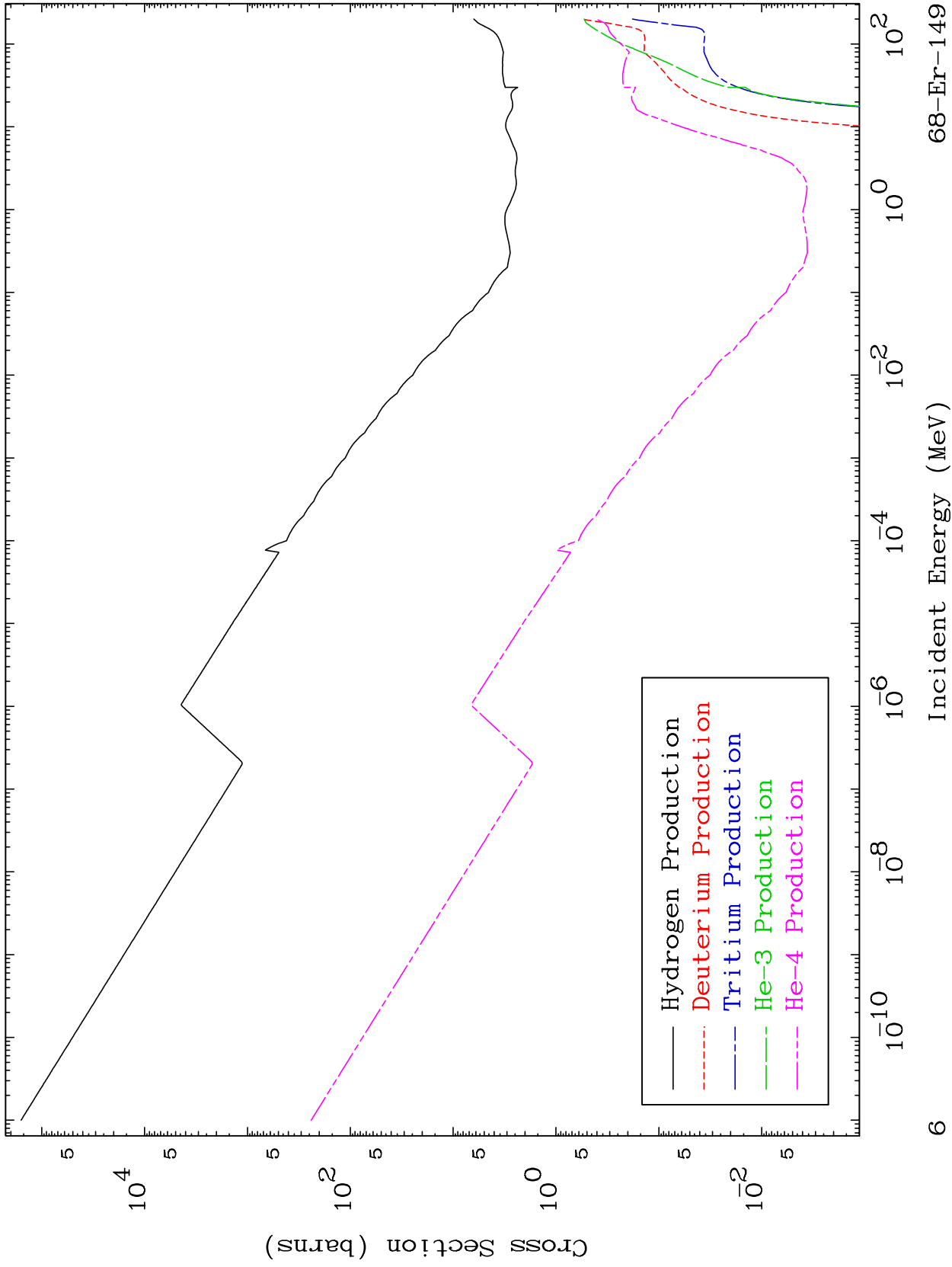


MAT 6786

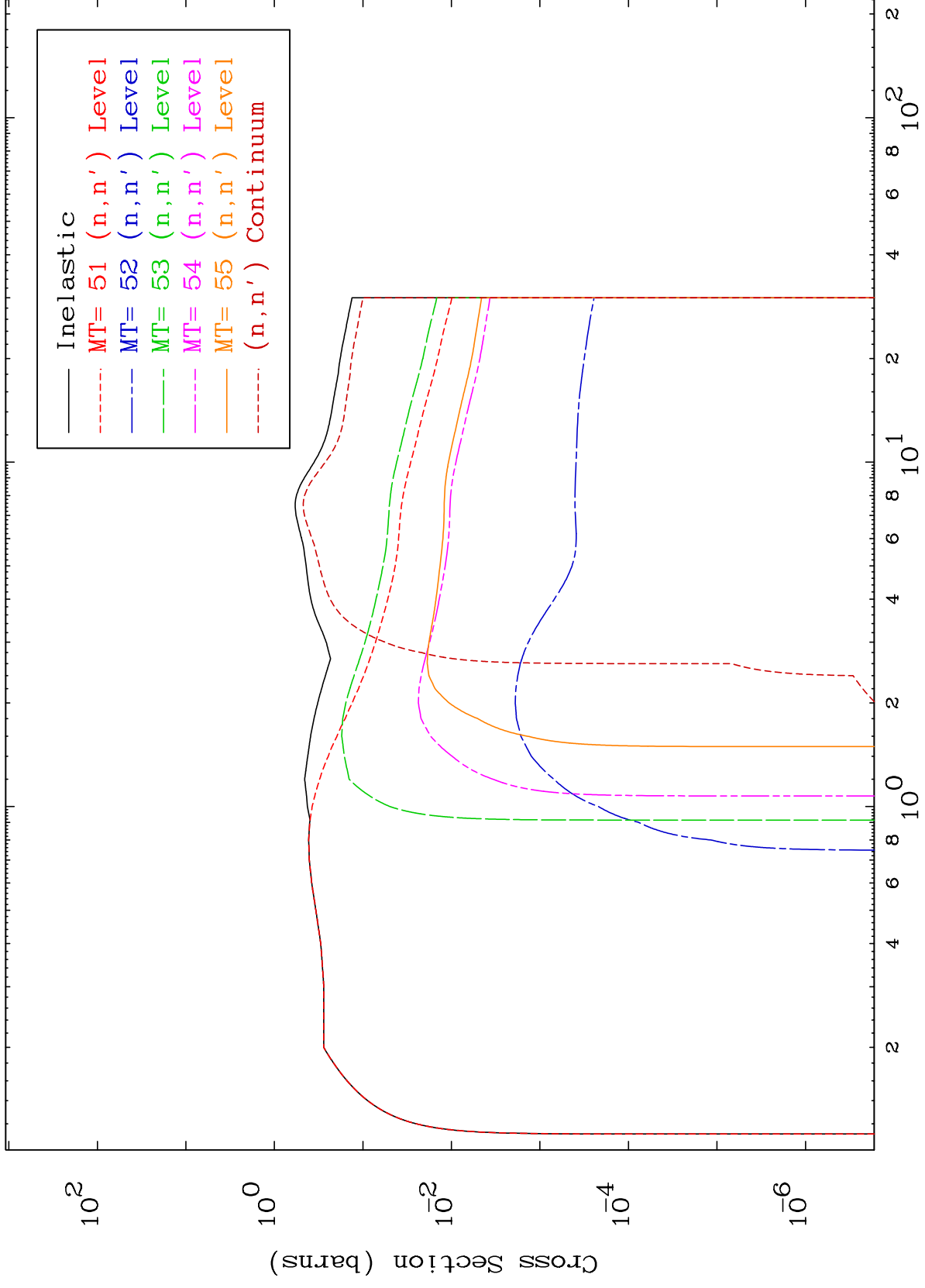
Charged Particle  
293 Kelvin Cross Sections

68-Er-149





293 Kelvin Cross Sections

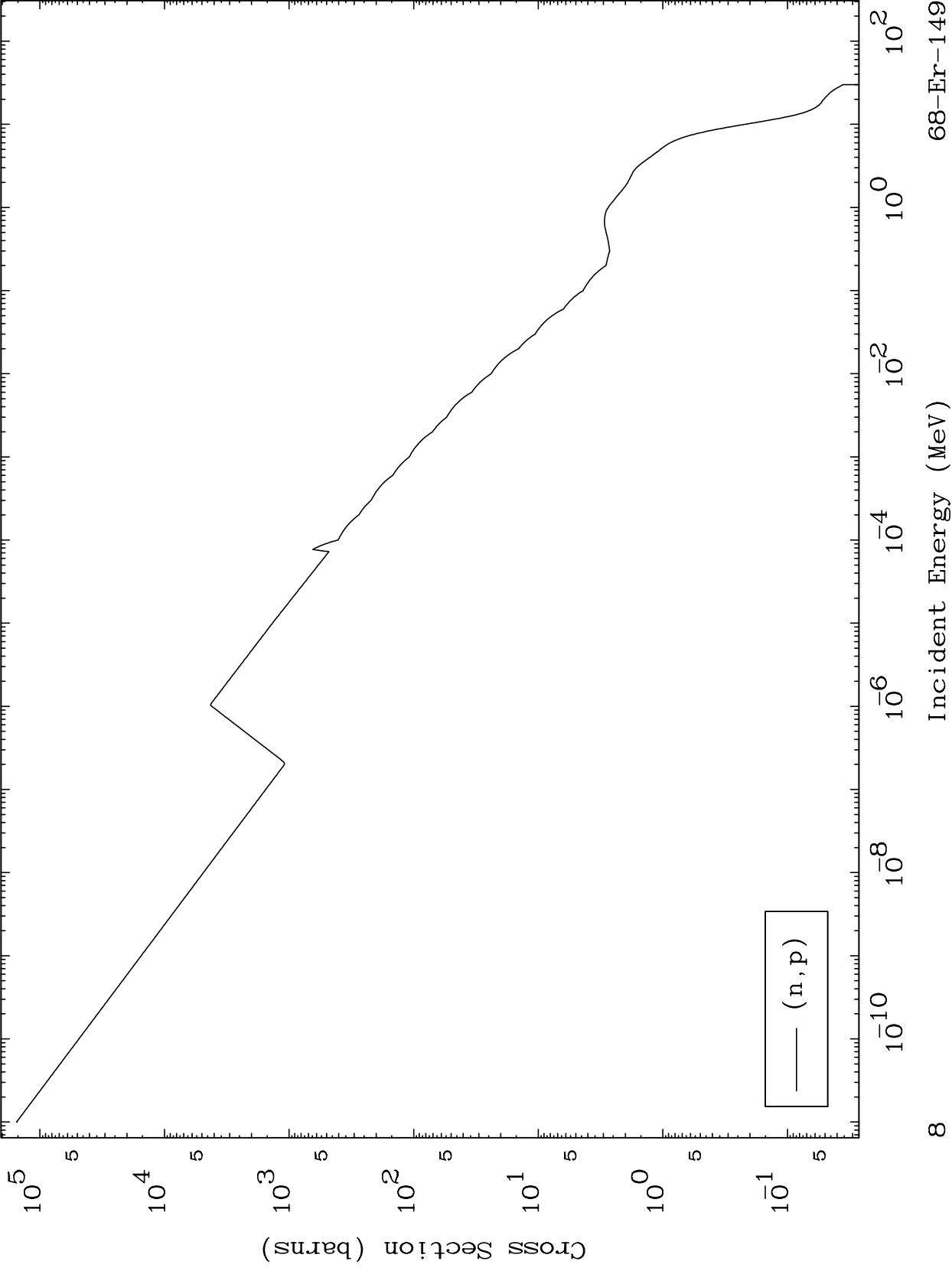




MAT 6786

(n,p) Levels  
293 Kelvin Cross Sections

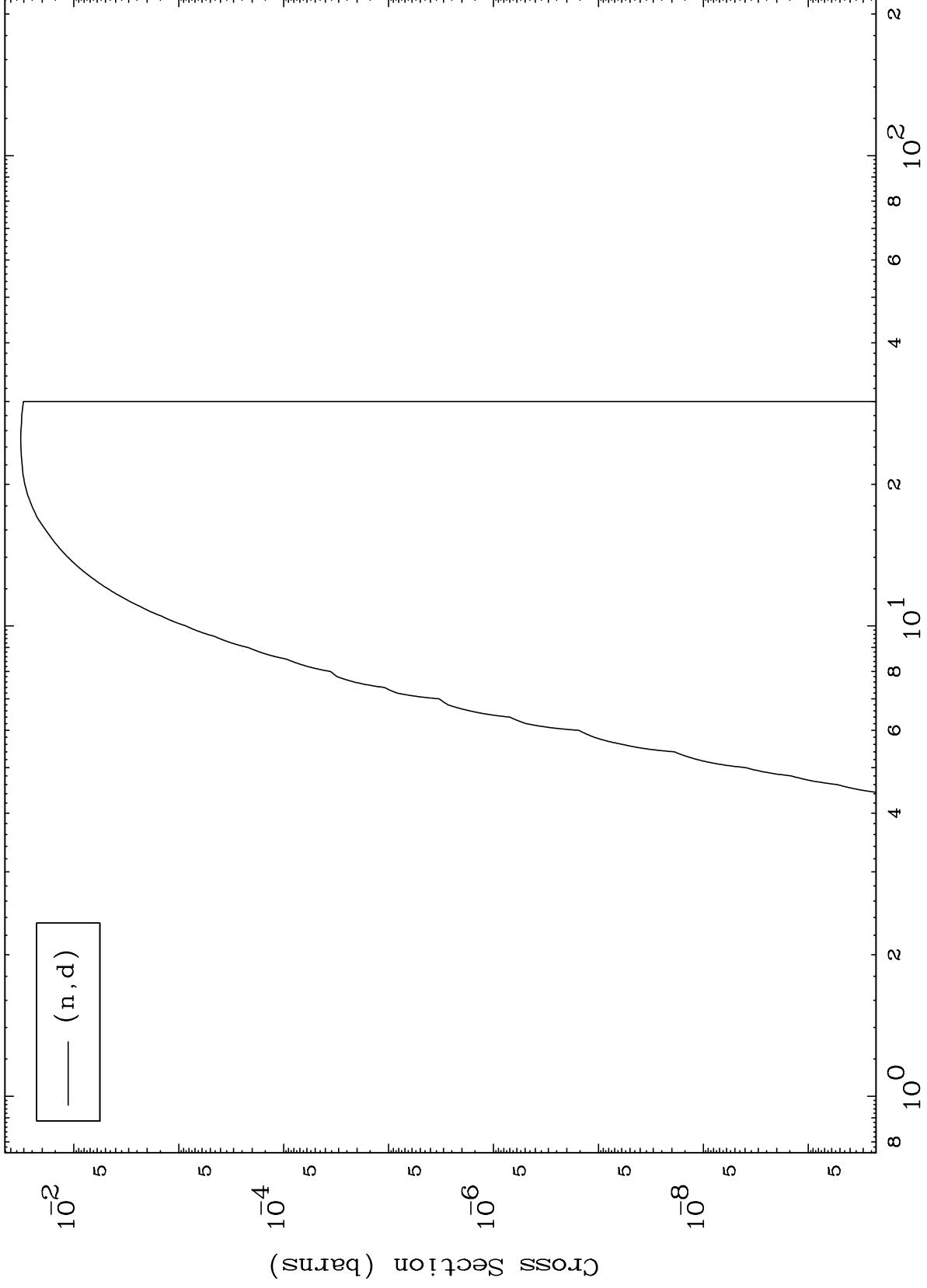
68-Er-149



MAT 6786

(n,d) Levels  
293 Kelvin Cross Sections

68-Er-149



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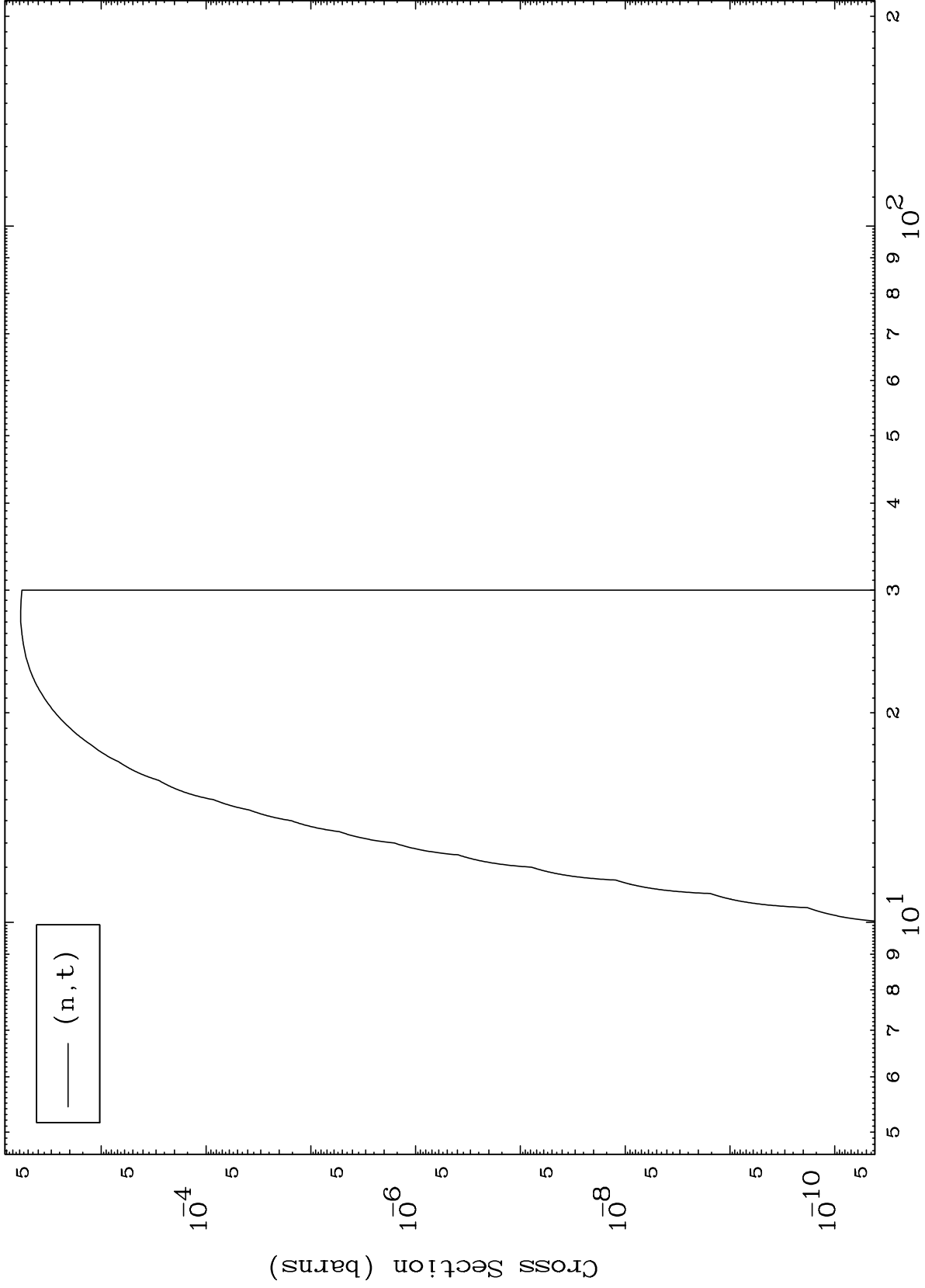
Incident Energy (MeV)

68-Er-149

MAT 6786

(n,t) Levels  
293 Kelvin Cross Sections

68-Er-149



10

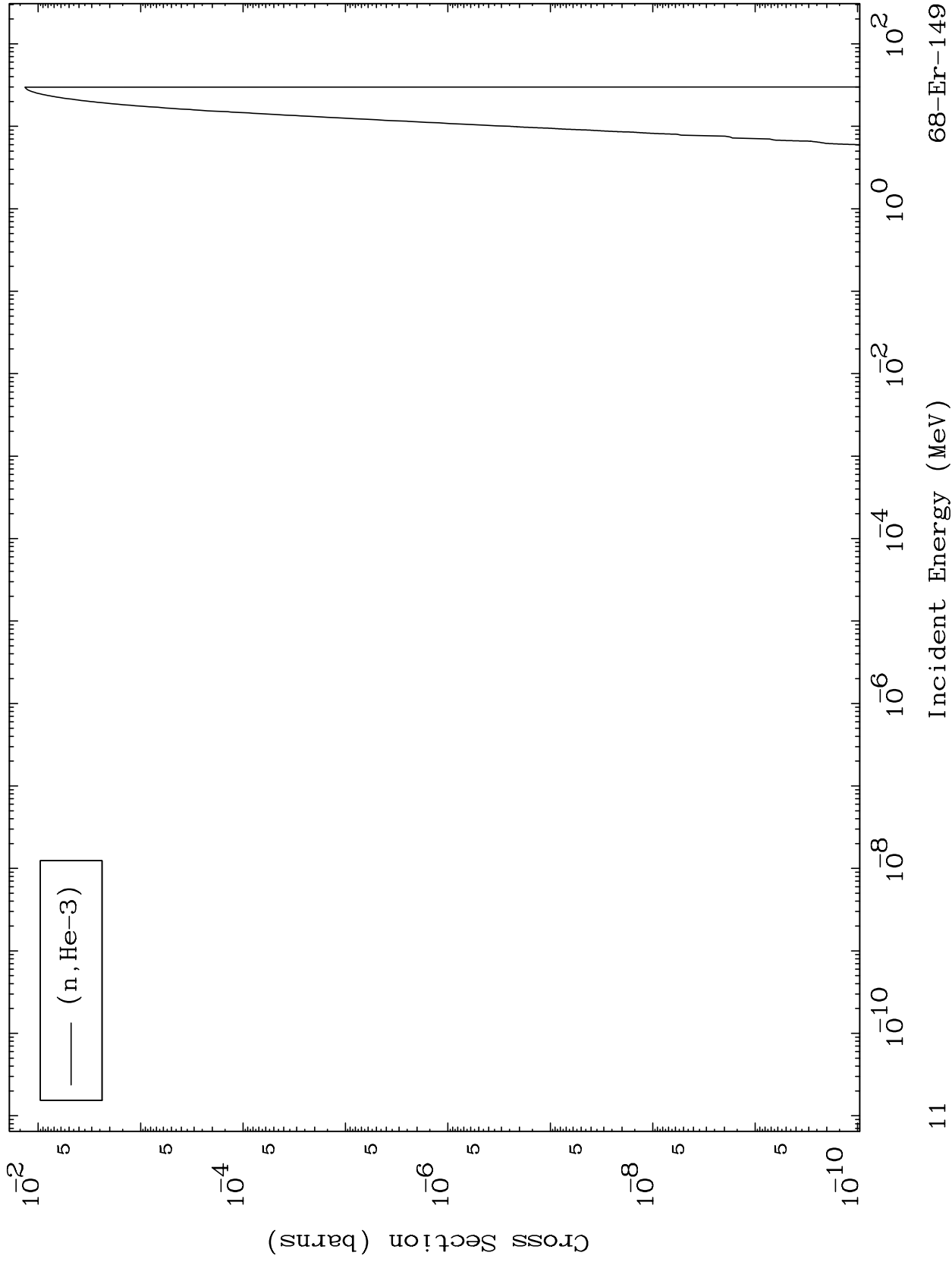
Incident Energy (MeV)

68-Er-149

MAT 6786

(n,He3) Levels  
293 Kelvin Cross Sections

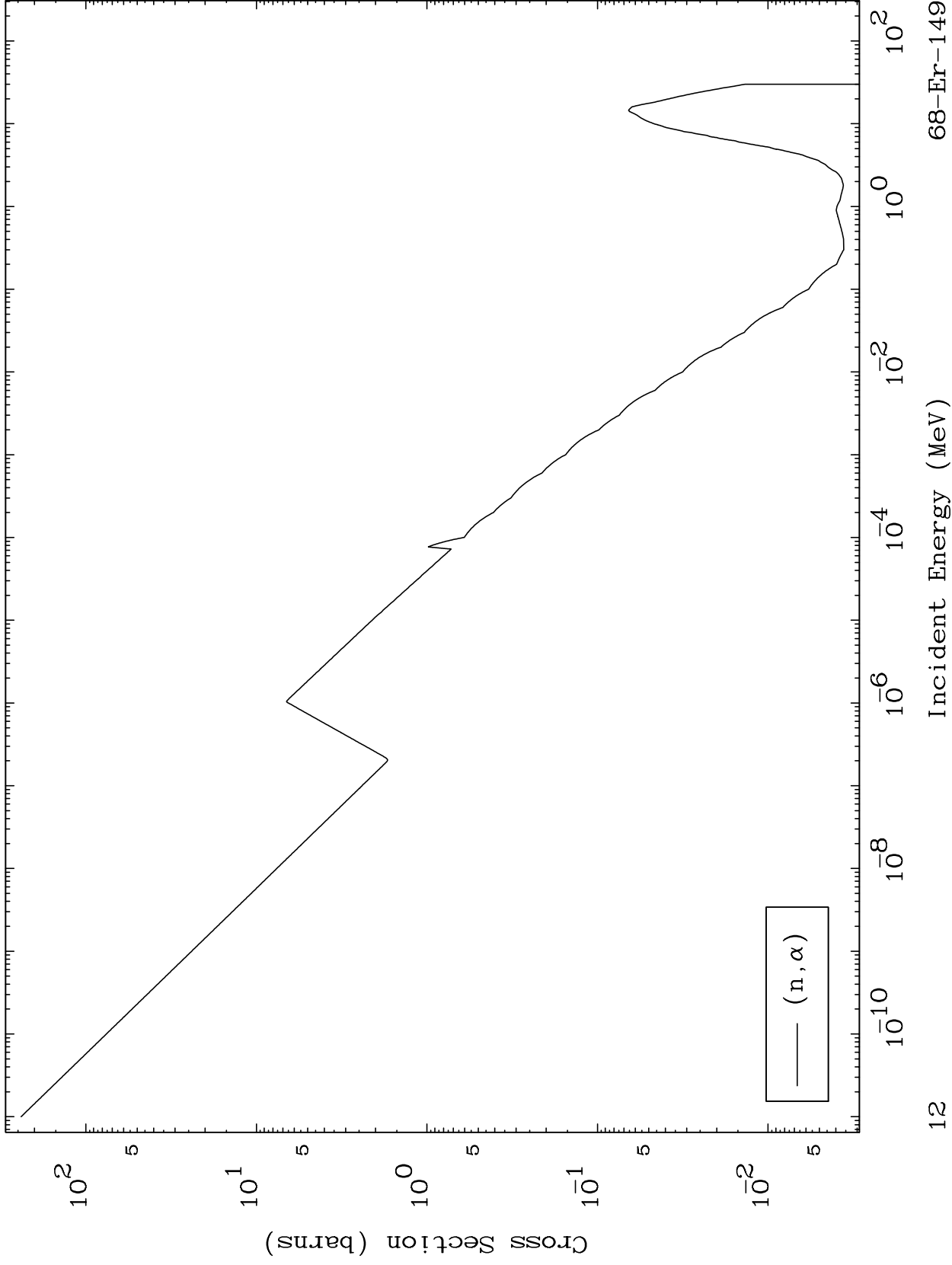
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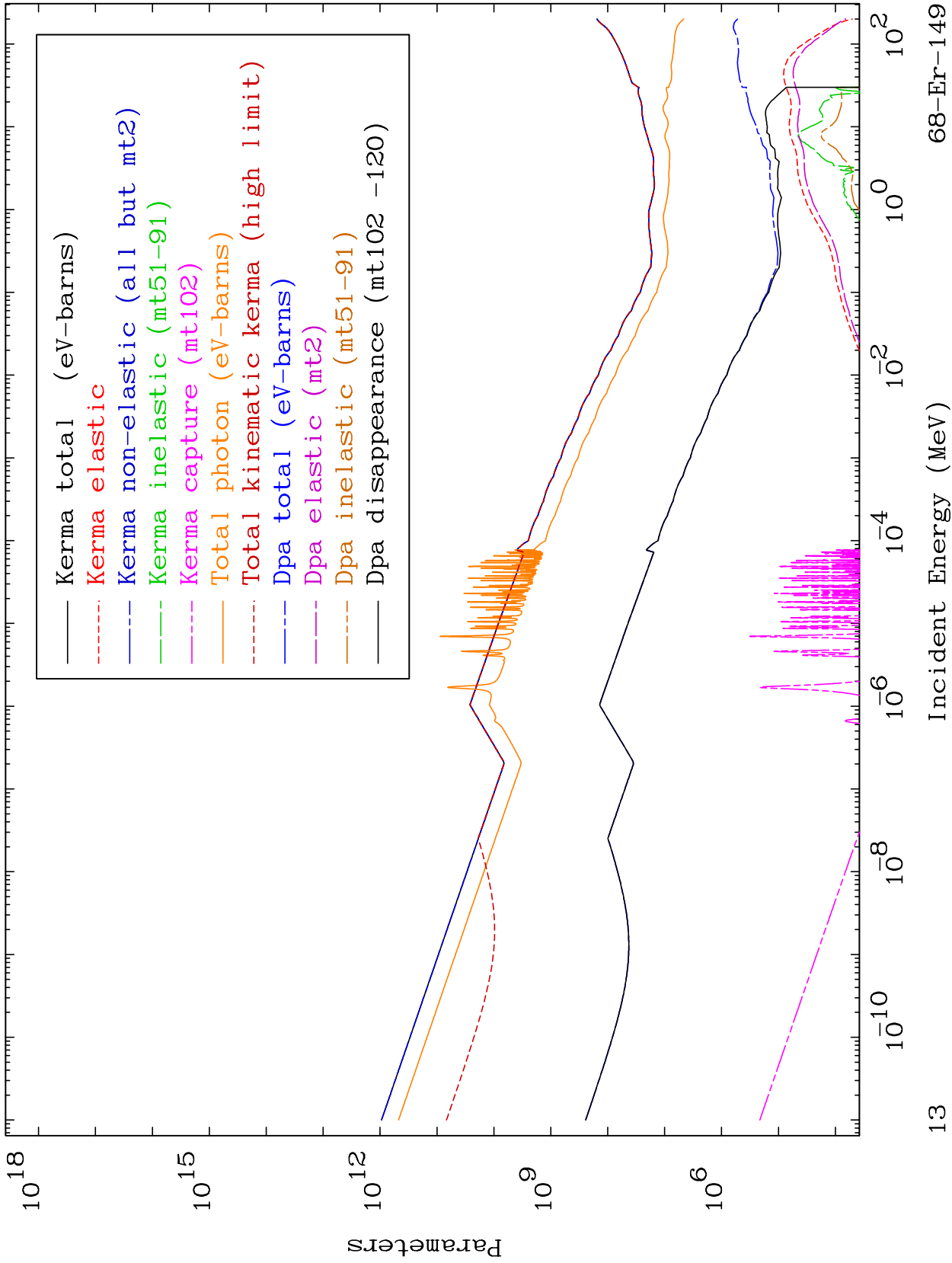


MAT 6786

(n,α) Levels  
293 Kelvin Cross Sections

68-Er-149

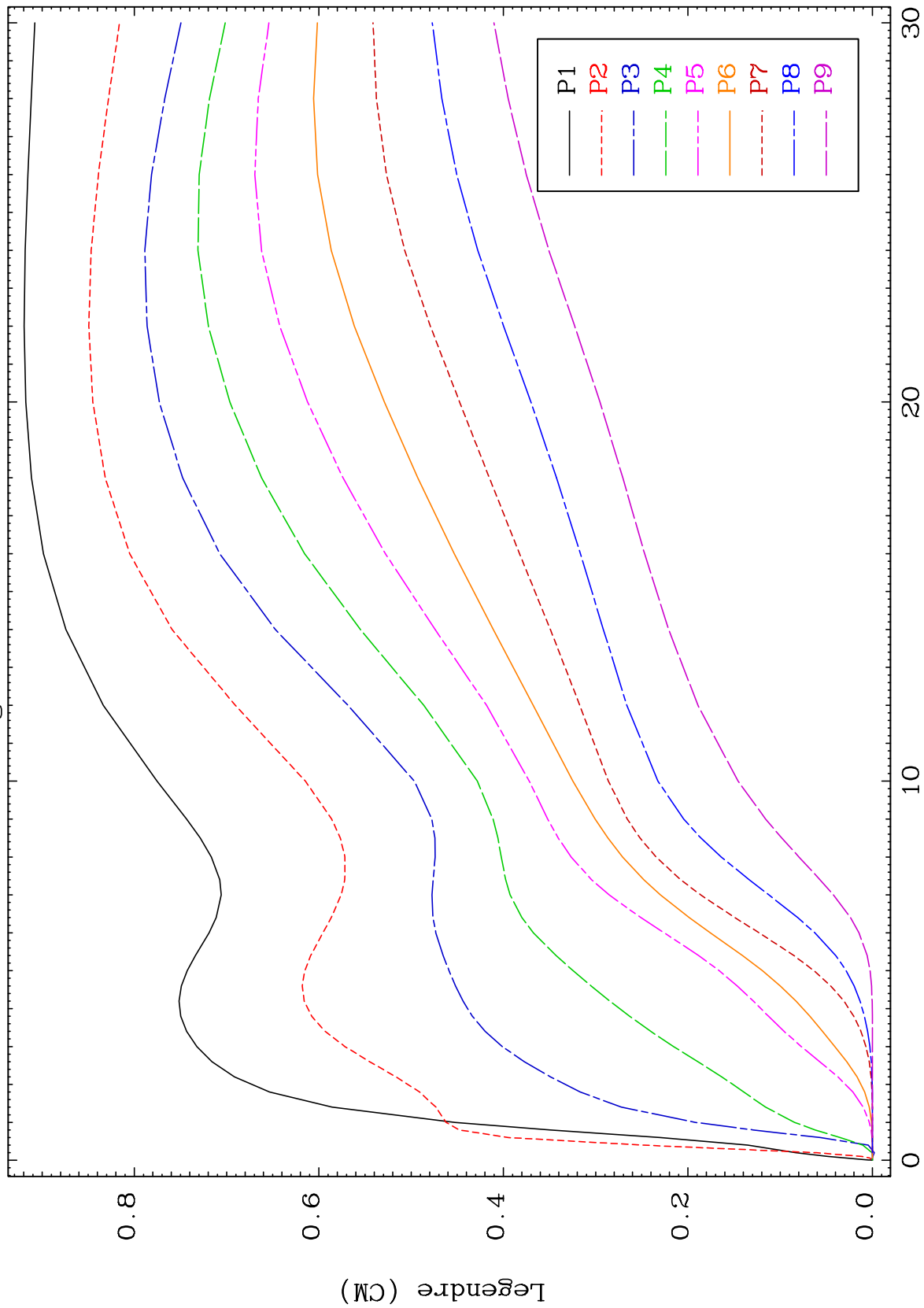




MAT 6786

Elastic Legendre Coefficients

68-Er-149



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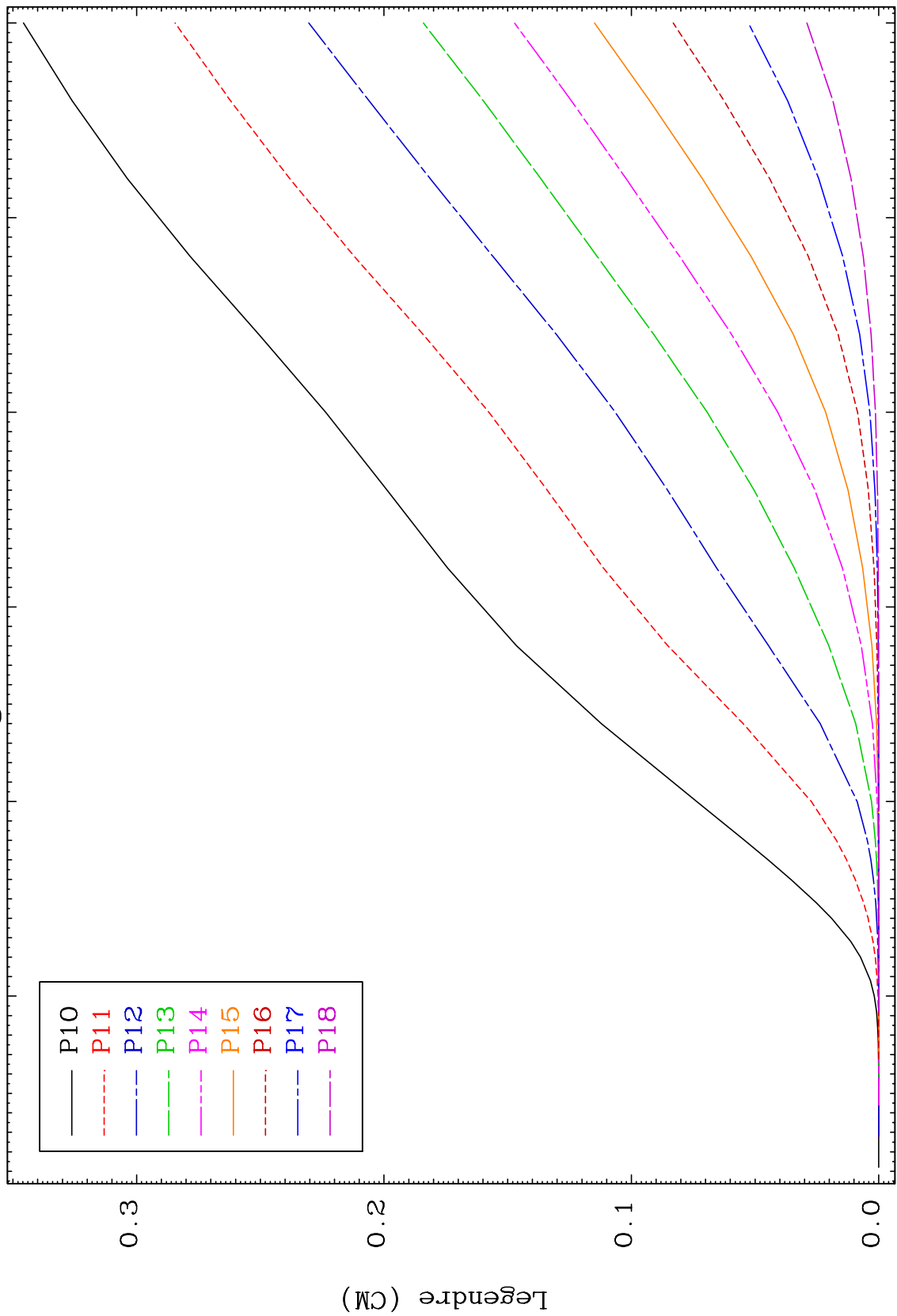
Incident Energy (MeV)

68-Er-149

MAT 6786

Elastic Legendre Coefficients

68-Er-149



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Incident Energy (MeV)

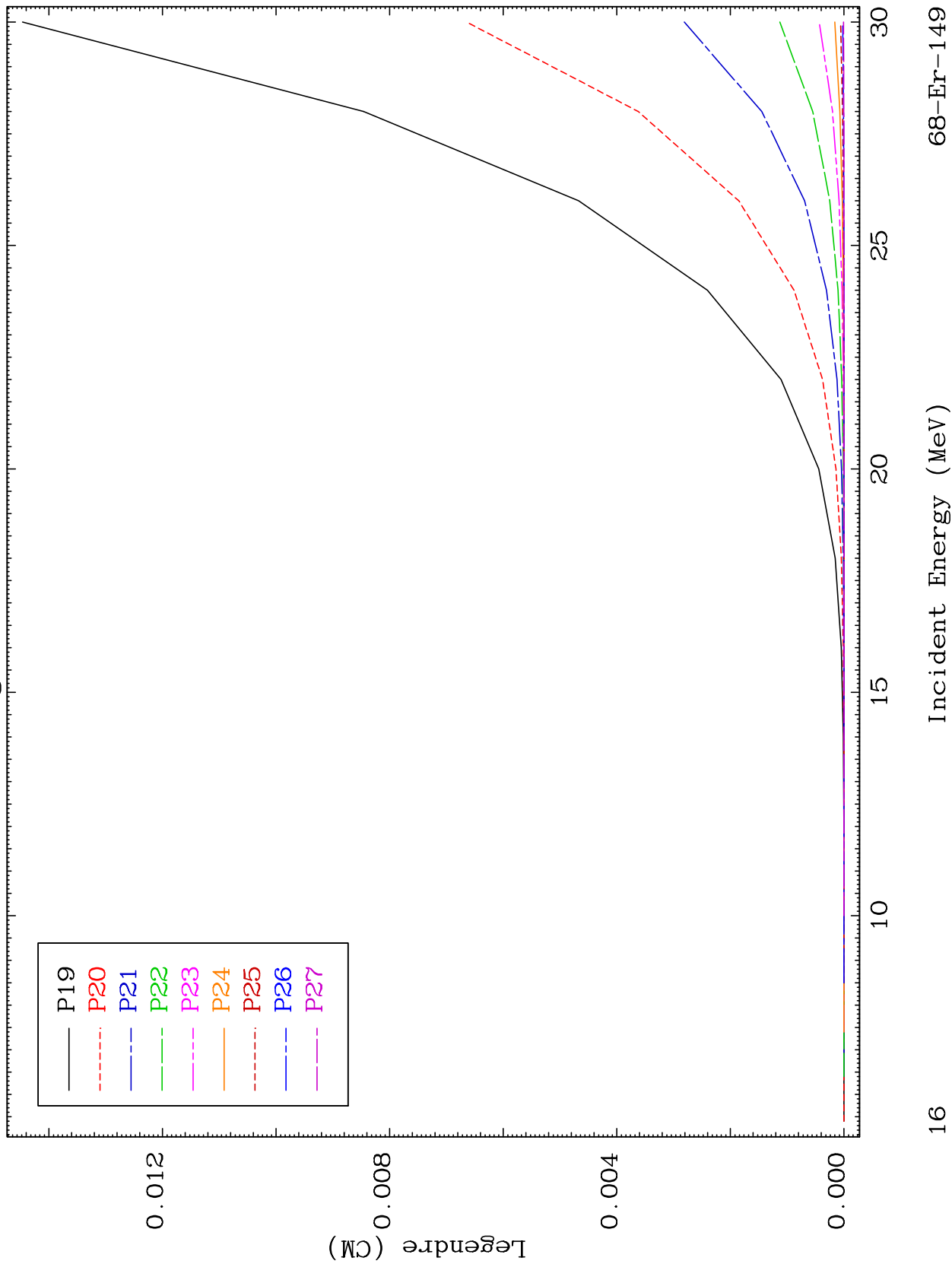
68-Er-149



MAT 6786

### Elastic Legendre Coefficients

68-Er-149



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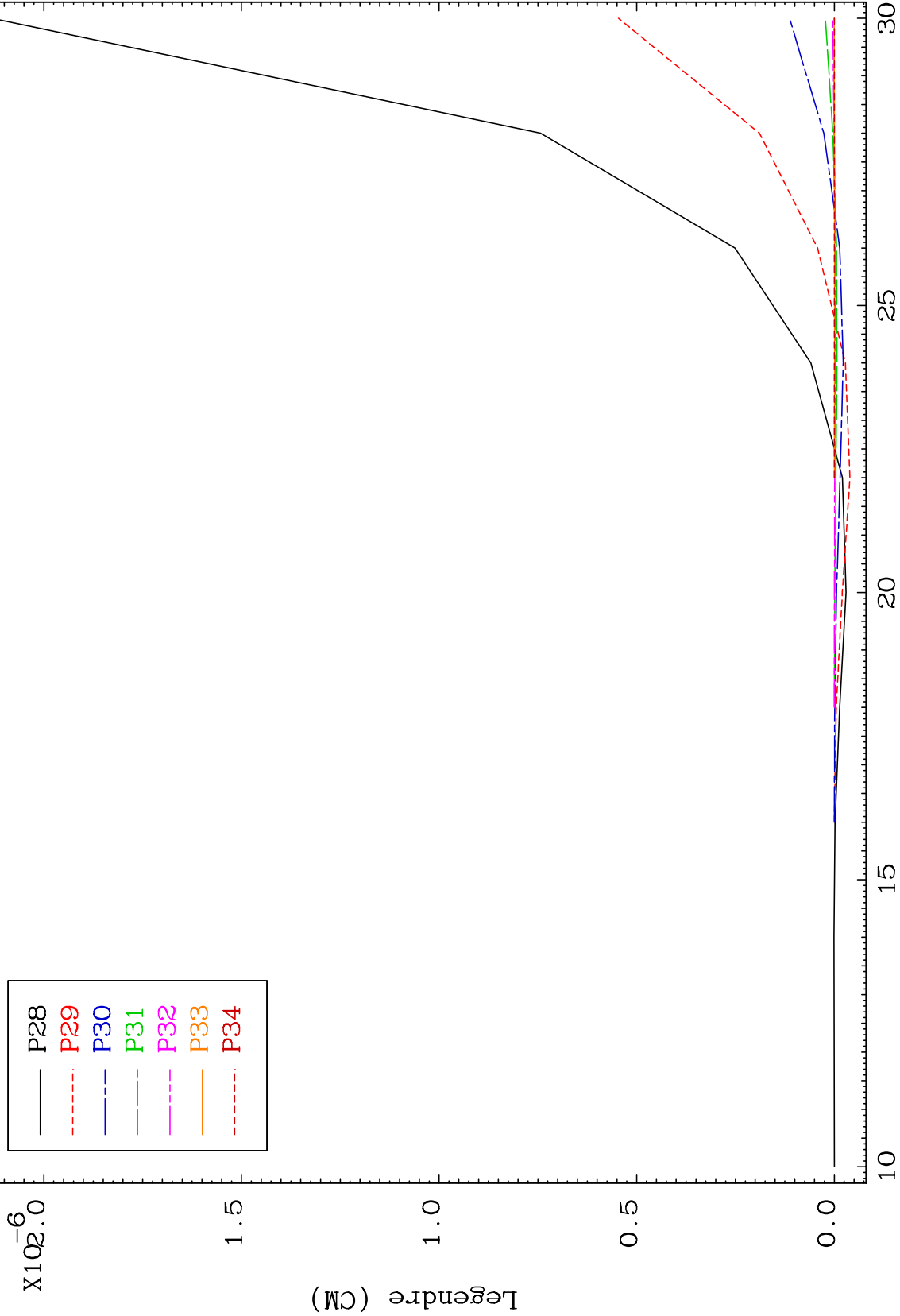
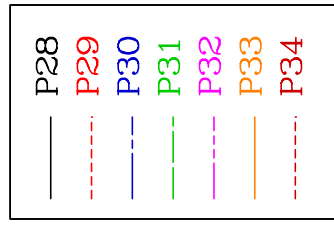
Incident Energy (MeV)

68-Er-149

MAT 6786

Elastic Legendre Coefficients

68-Er-149



17

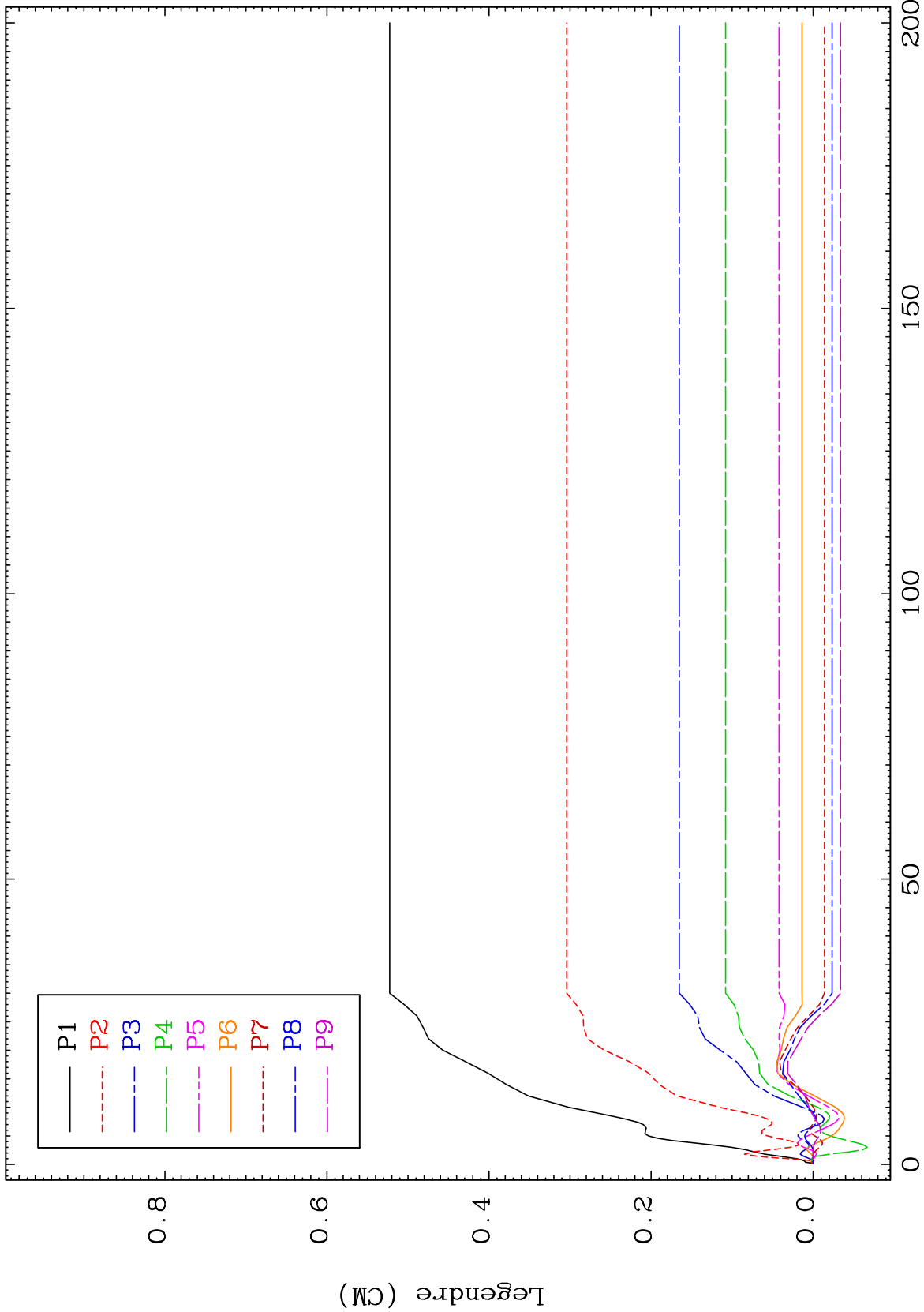
Incident Energy (MeV)

68-Er-149

MAT 6786

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

68-Er-149



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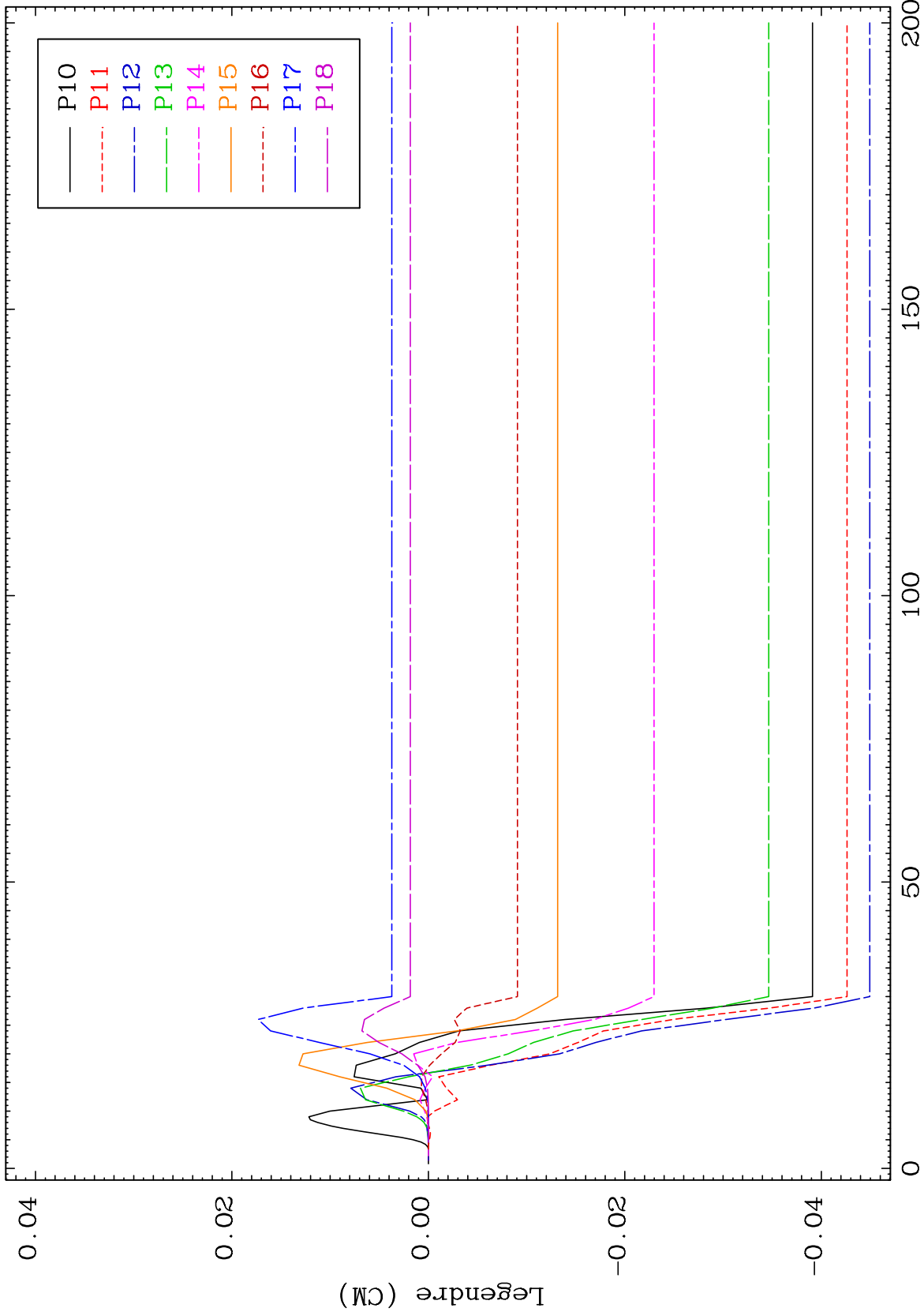
Incident Energy (MeV)

68-Er-149

MAT 6786

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

68-Er-149



19

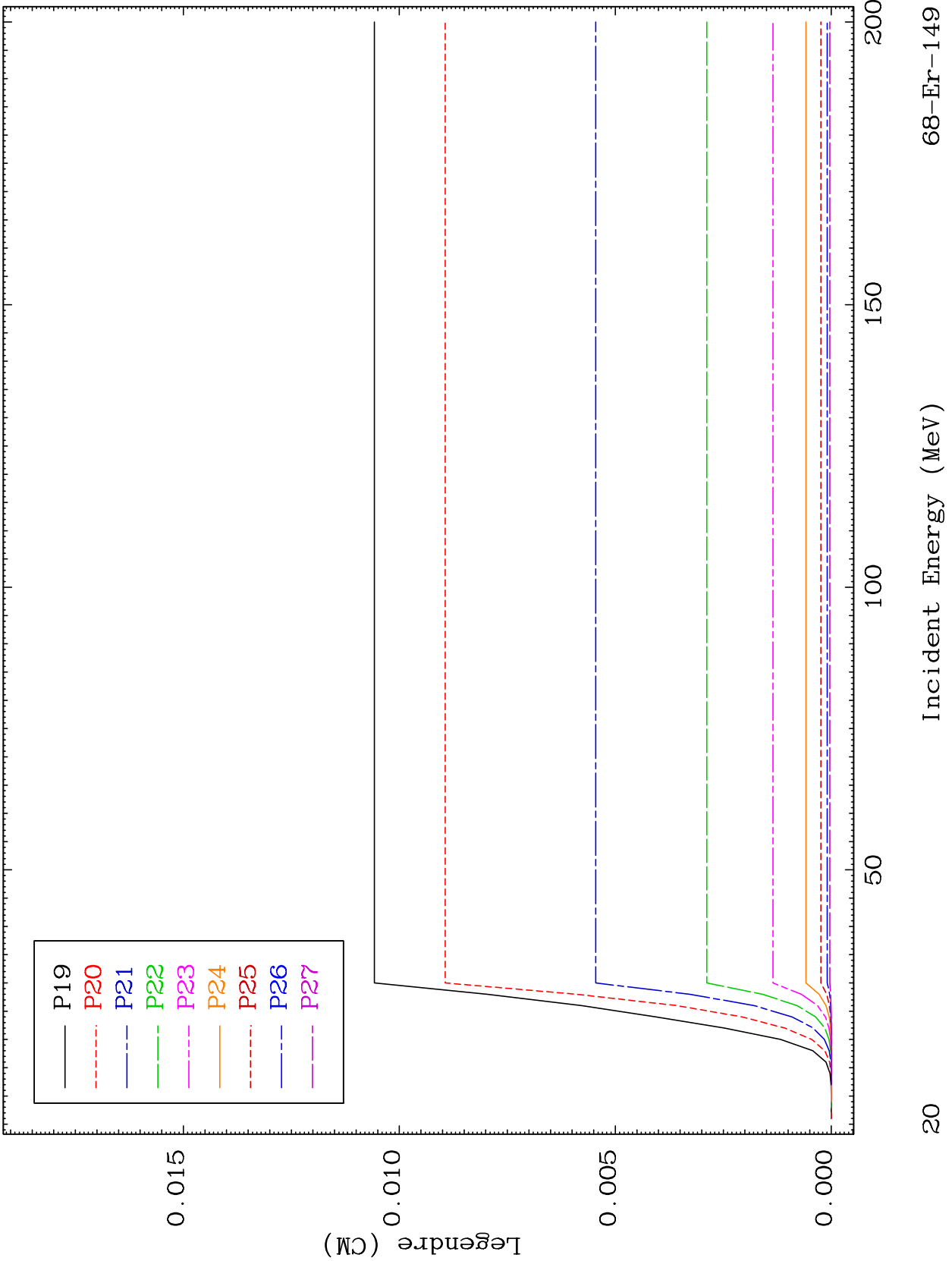
Incident Energy (MeV)

68-Er-149

MAT 6786

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

68-Er-149



68-Er-149

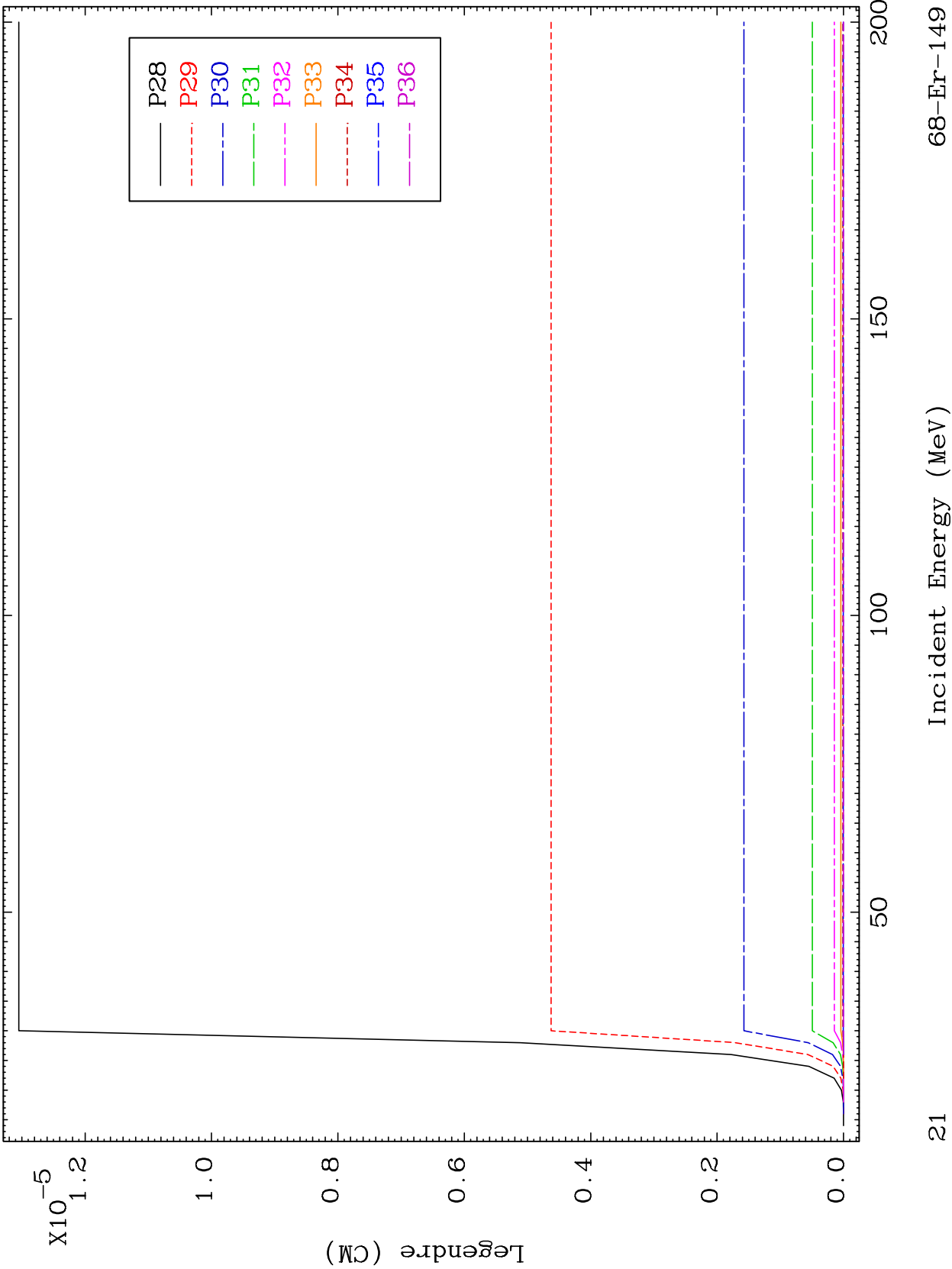
Incident Energy (MeV)

20

MAT 6786

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

68-Er-149



21

Incident Energy (MeV)

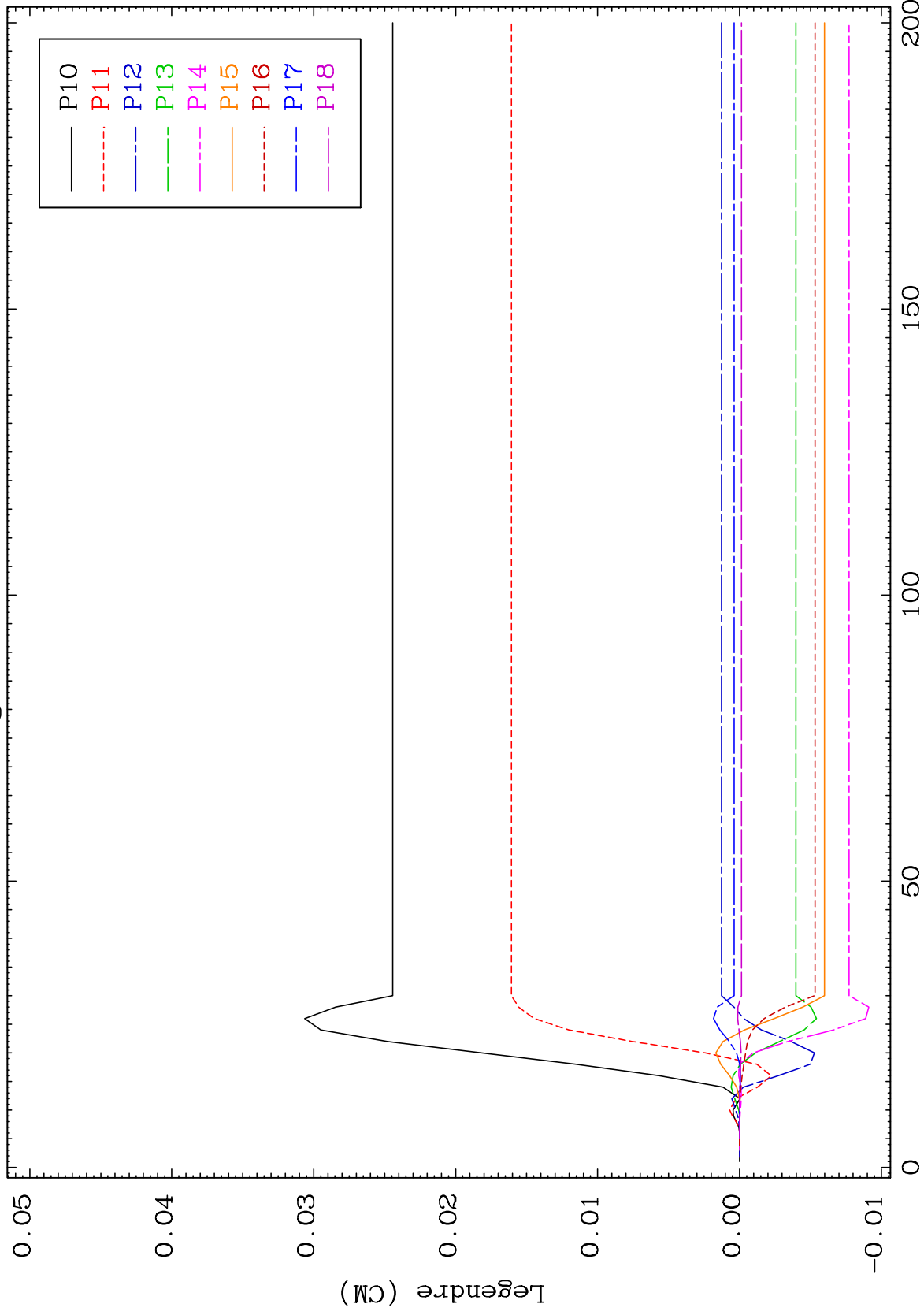
68-Er-149



MAT 6786

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

68-Er-149



23

Incident Energy (MeV)

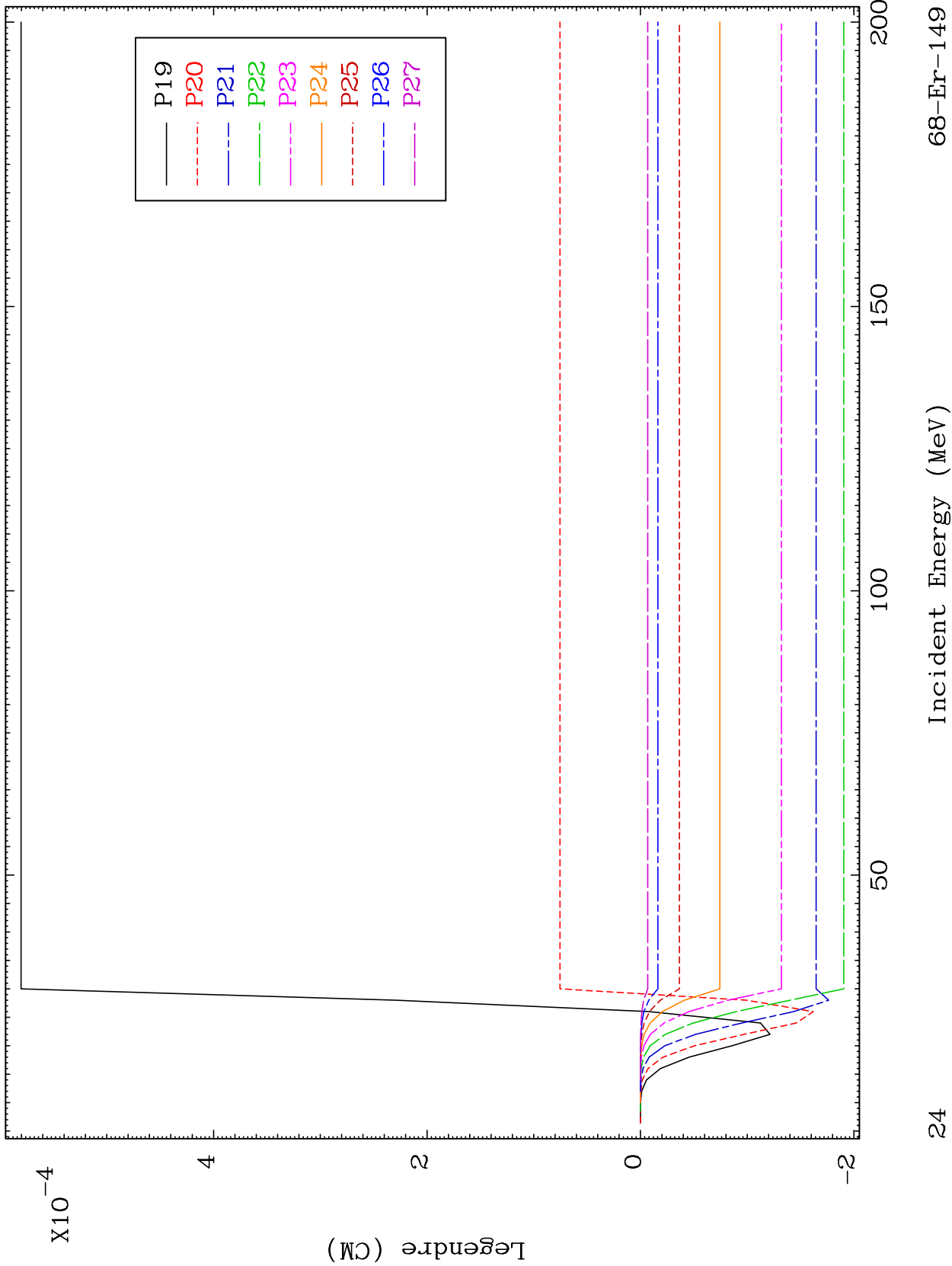
68-Er-149



MAT 6786

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

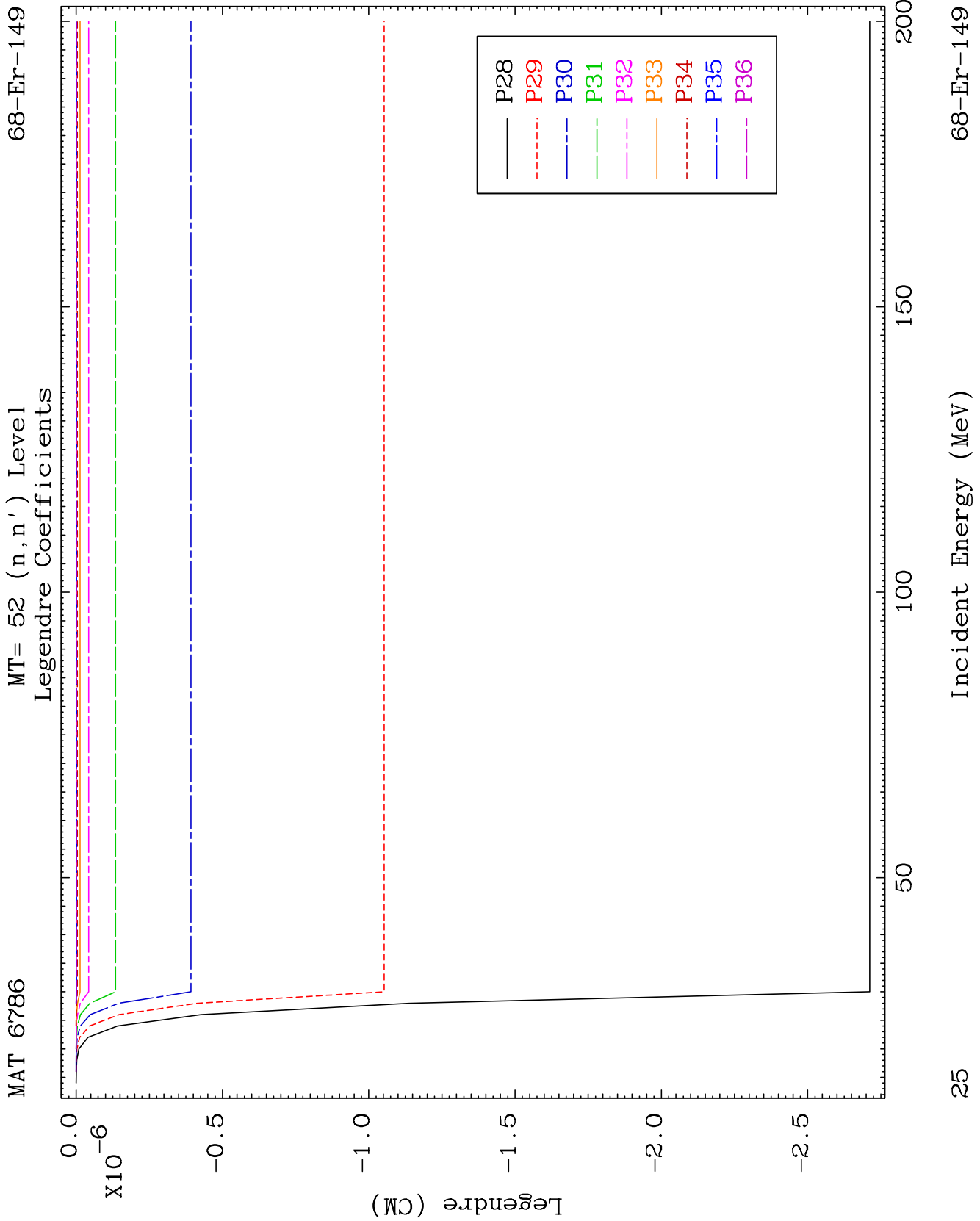
68-Er-149



24

Incident Energy (MeV)

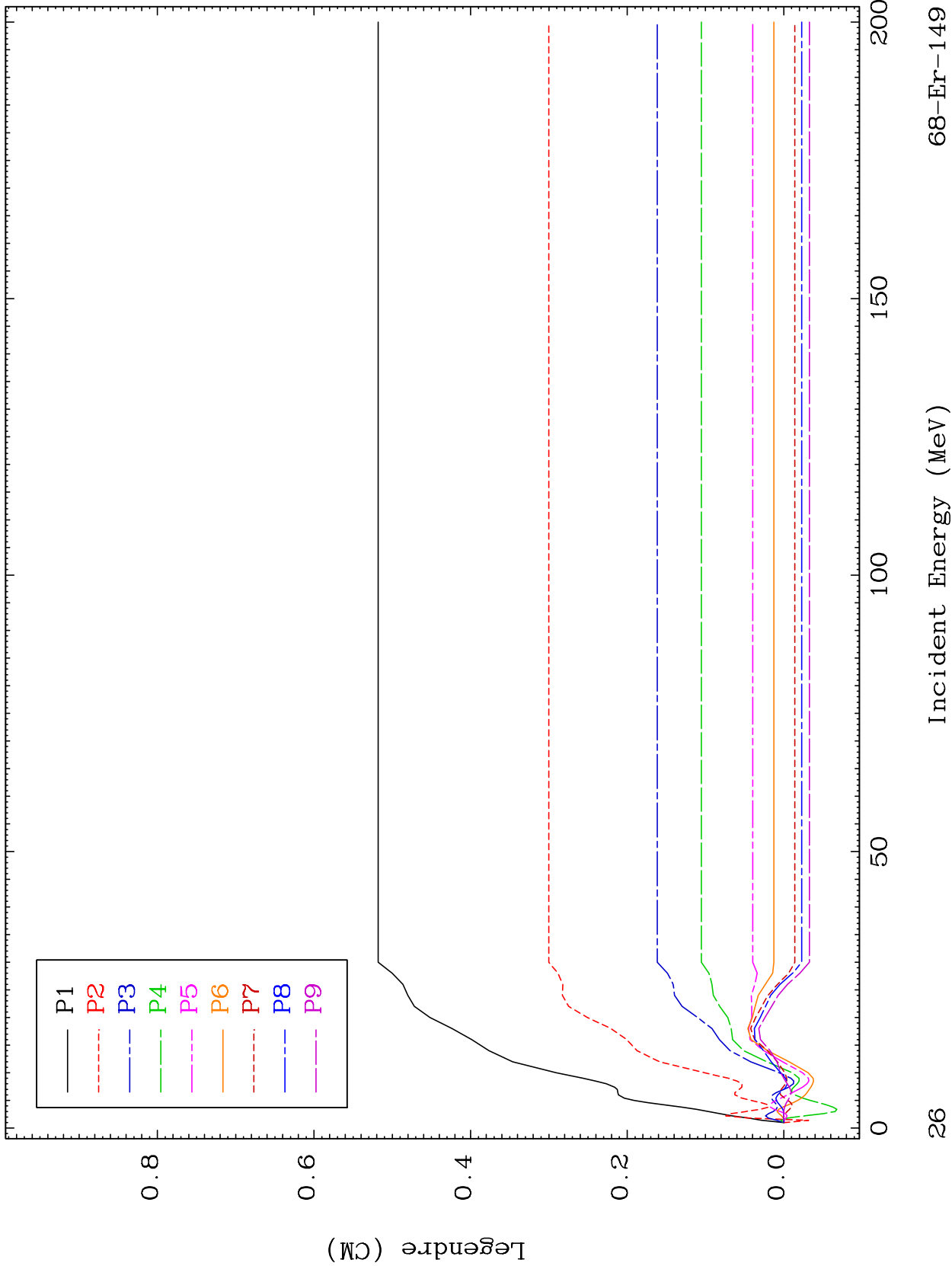
68-Er-149



MAT 6786

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

68-Er-149



26

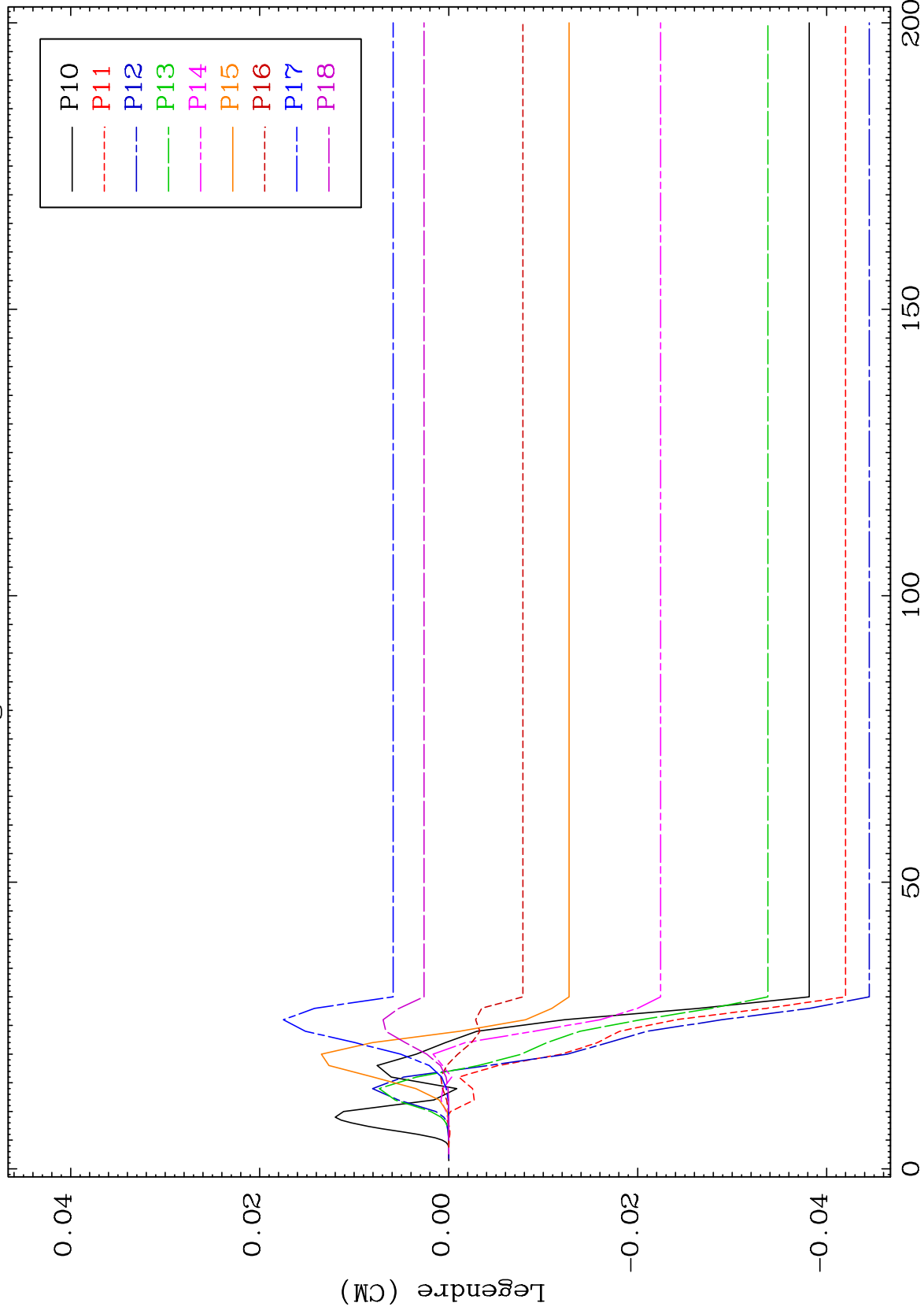
Incident Energy (MeV)

68-Er-149

MAT 6786

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

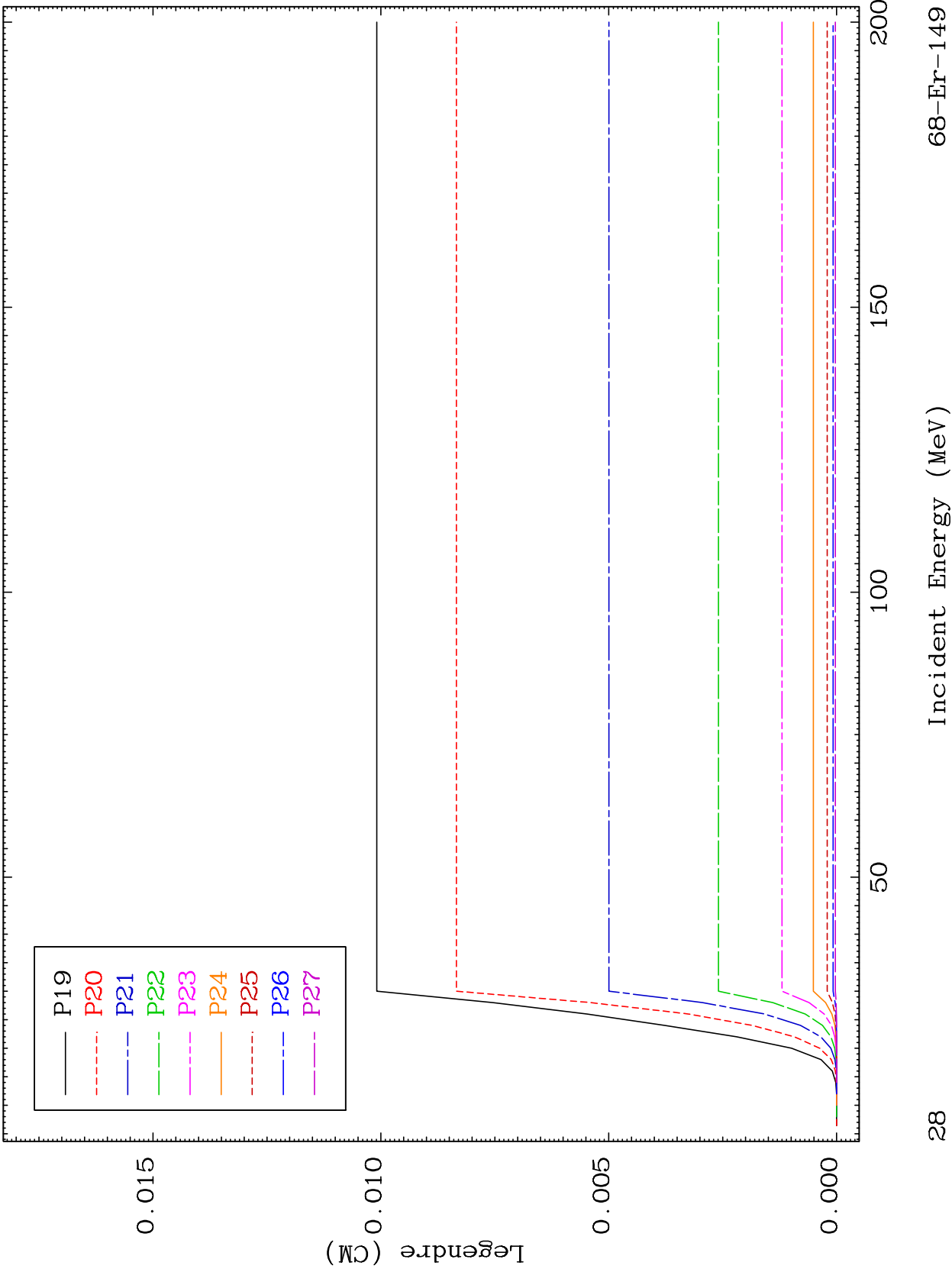
68-Er-149



27

Incident Energy (MeV)

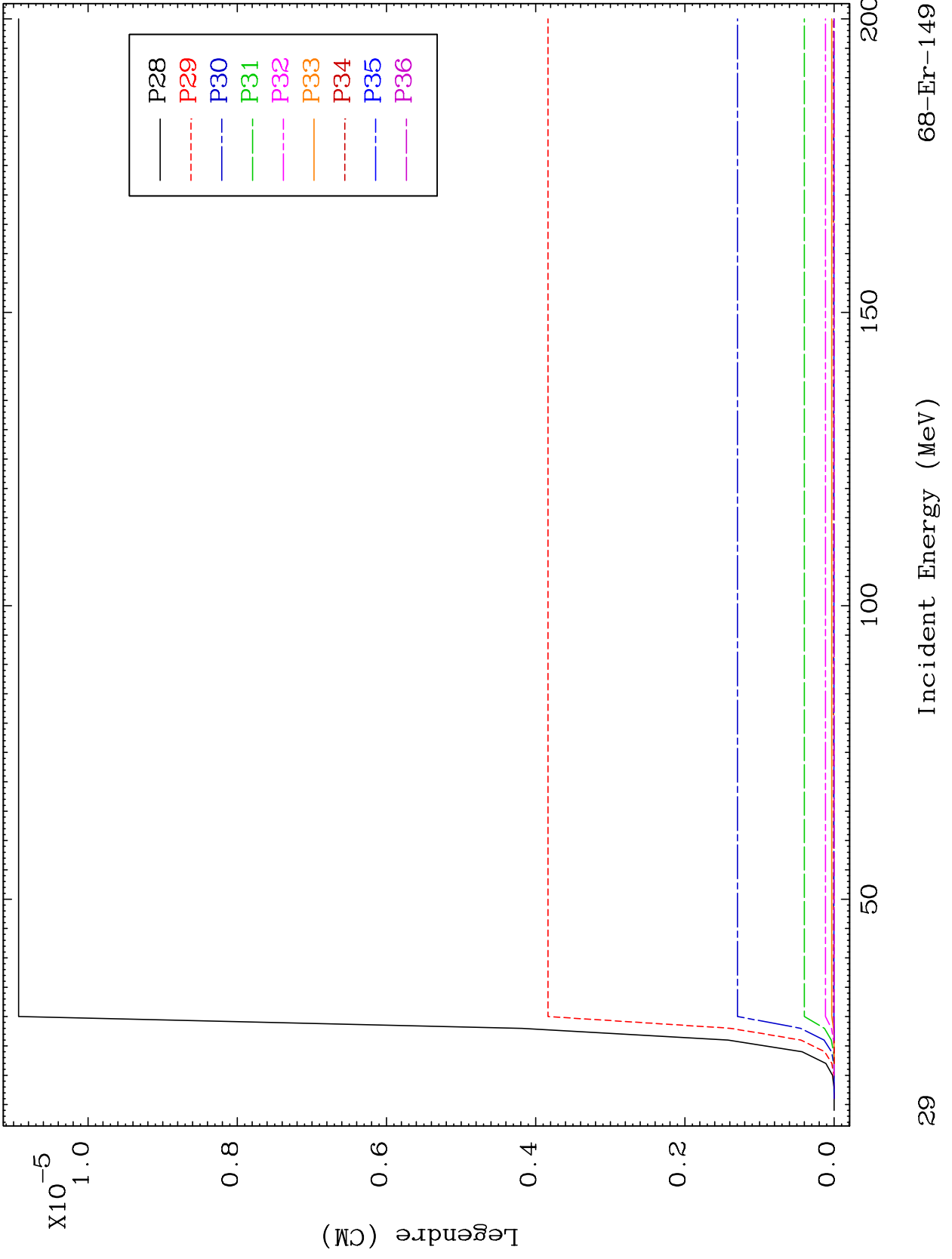
68-Er-149



MAT 6786

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

68-Er-149

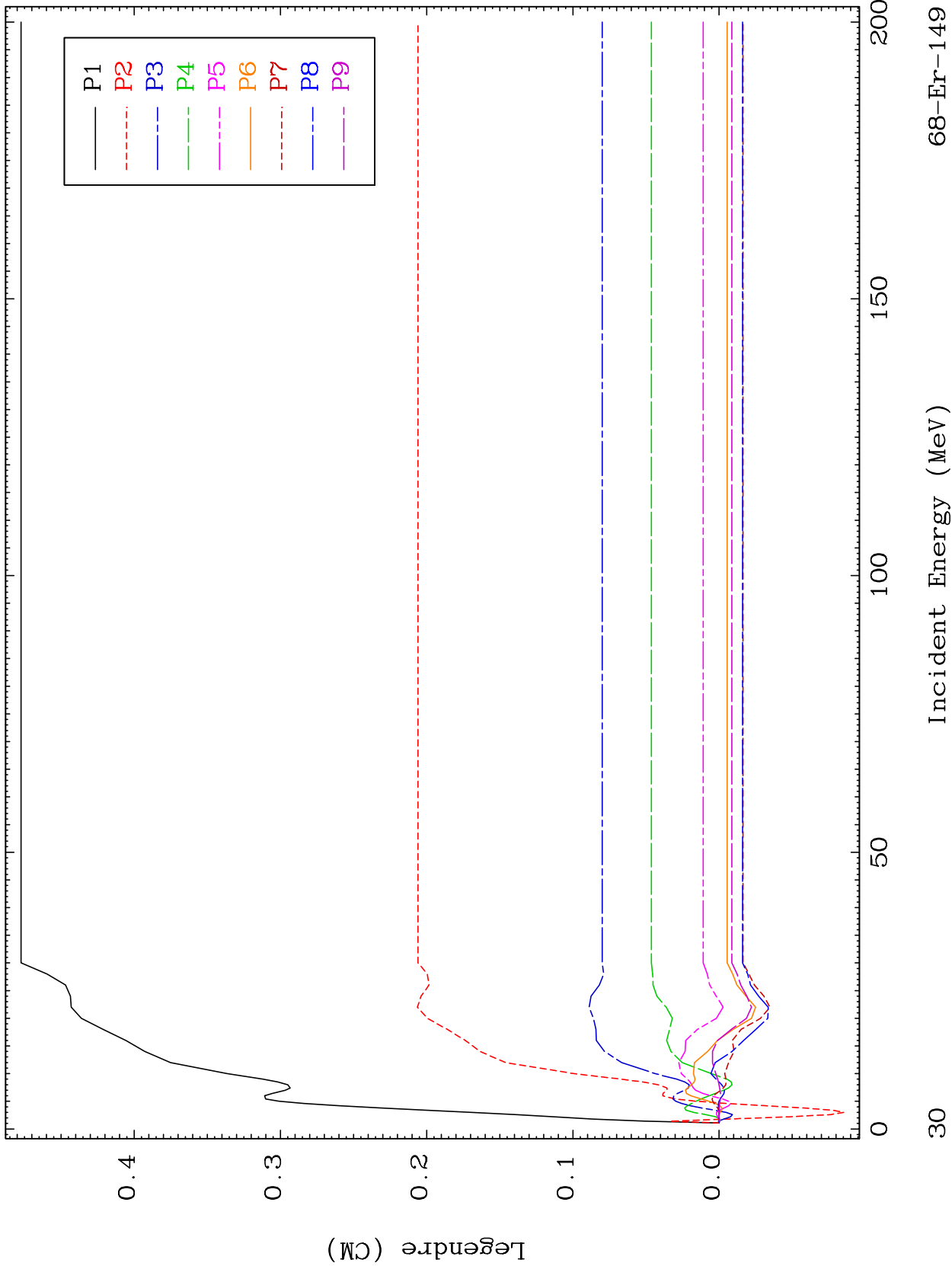


29

MAT 6786

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

68-Er-149



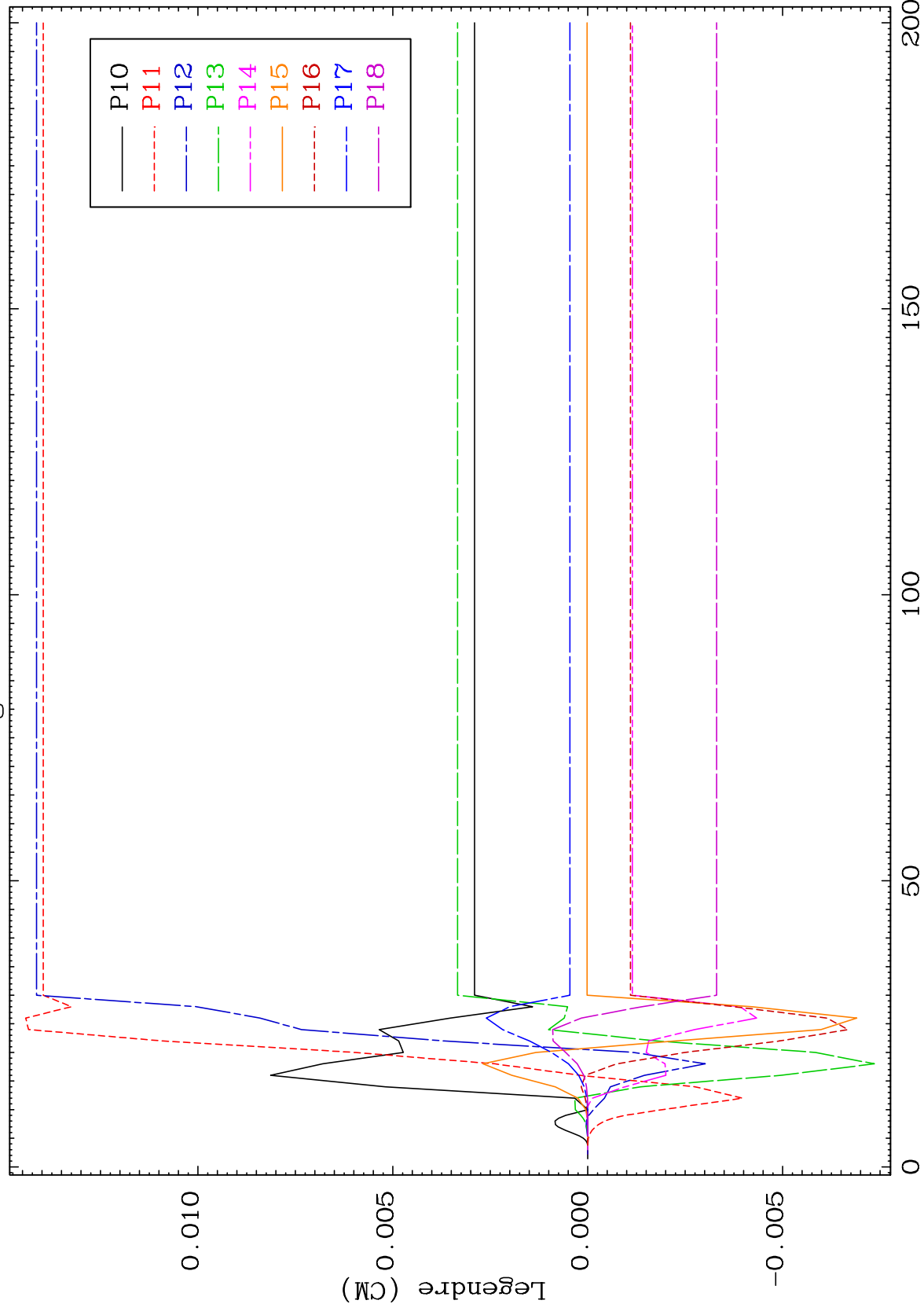
68-Er-149

Incident Energy (MeV)

MAT 6786

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

68-Er-149

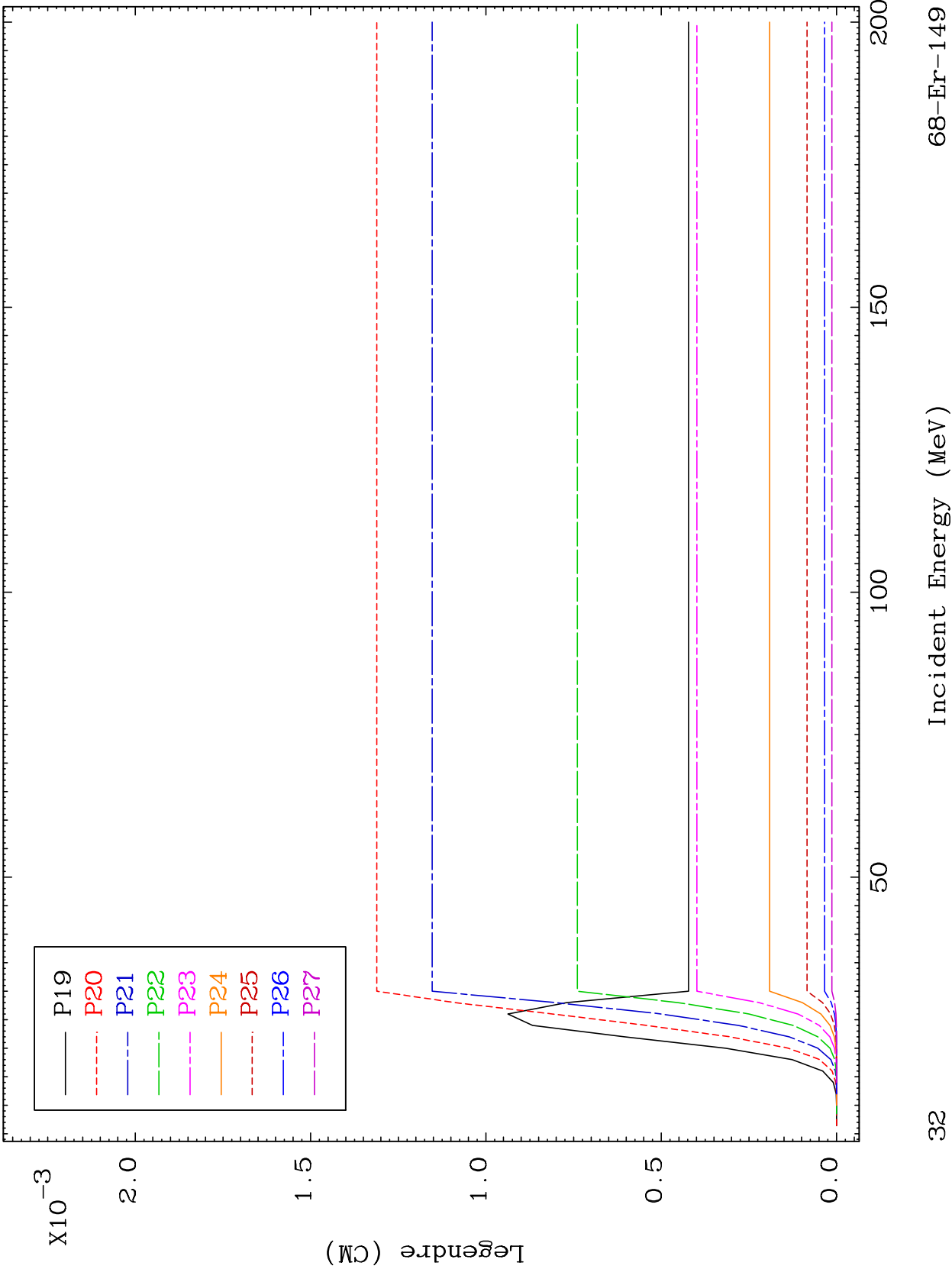


31

Incident Energy (MeV)

68-Er-149

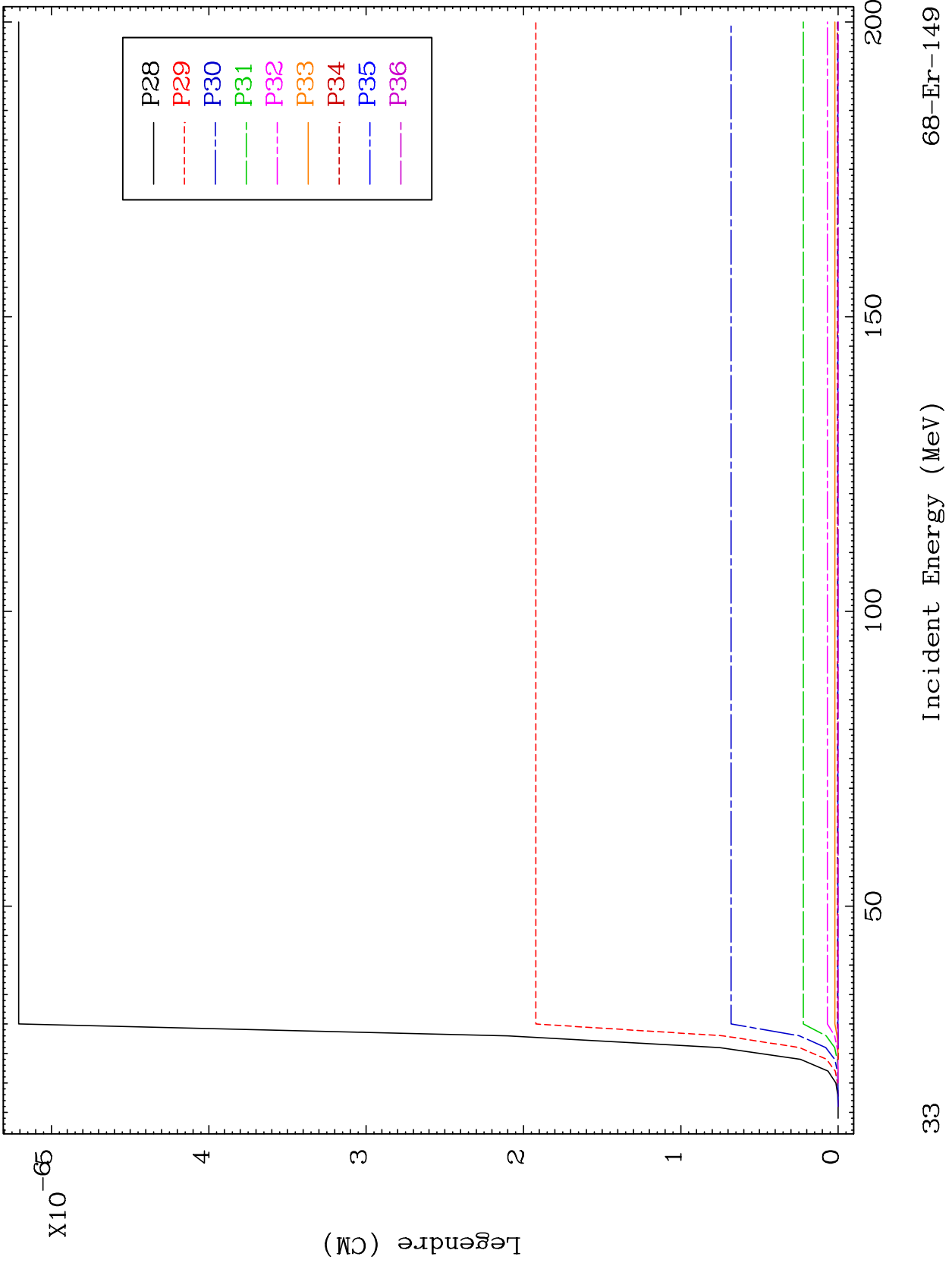




MAT 6786

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

68-Er-149

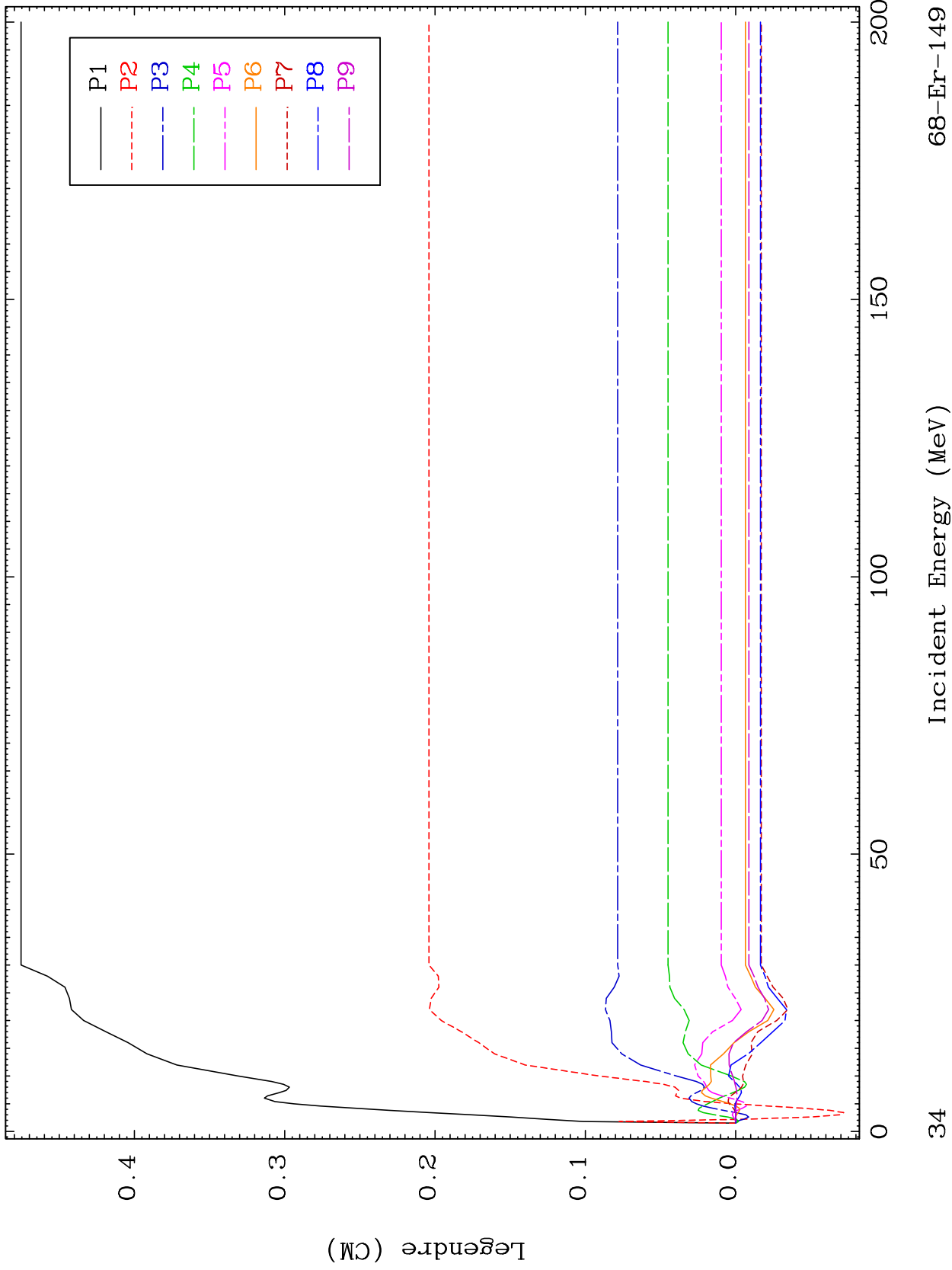


33

MAT 6786

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

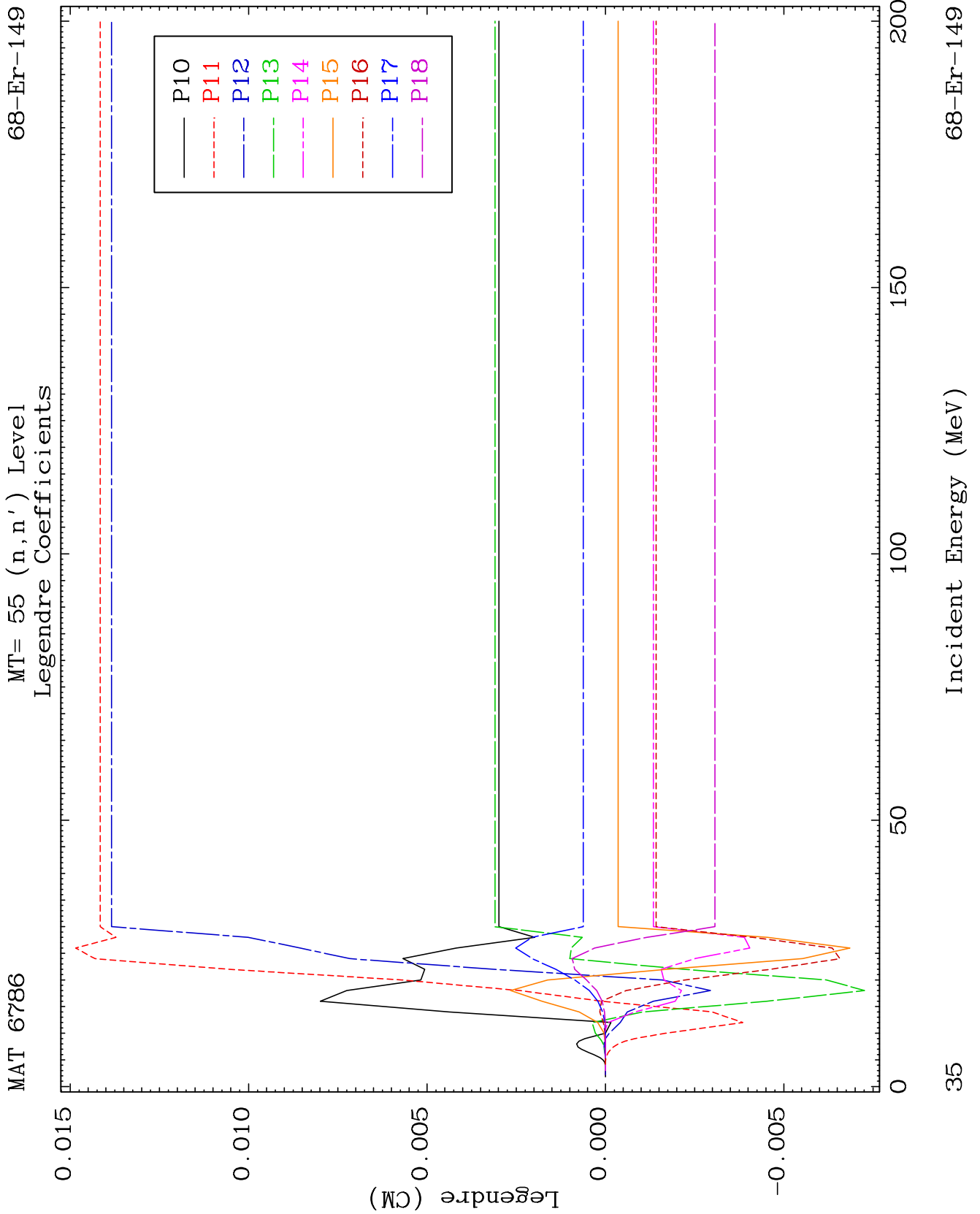
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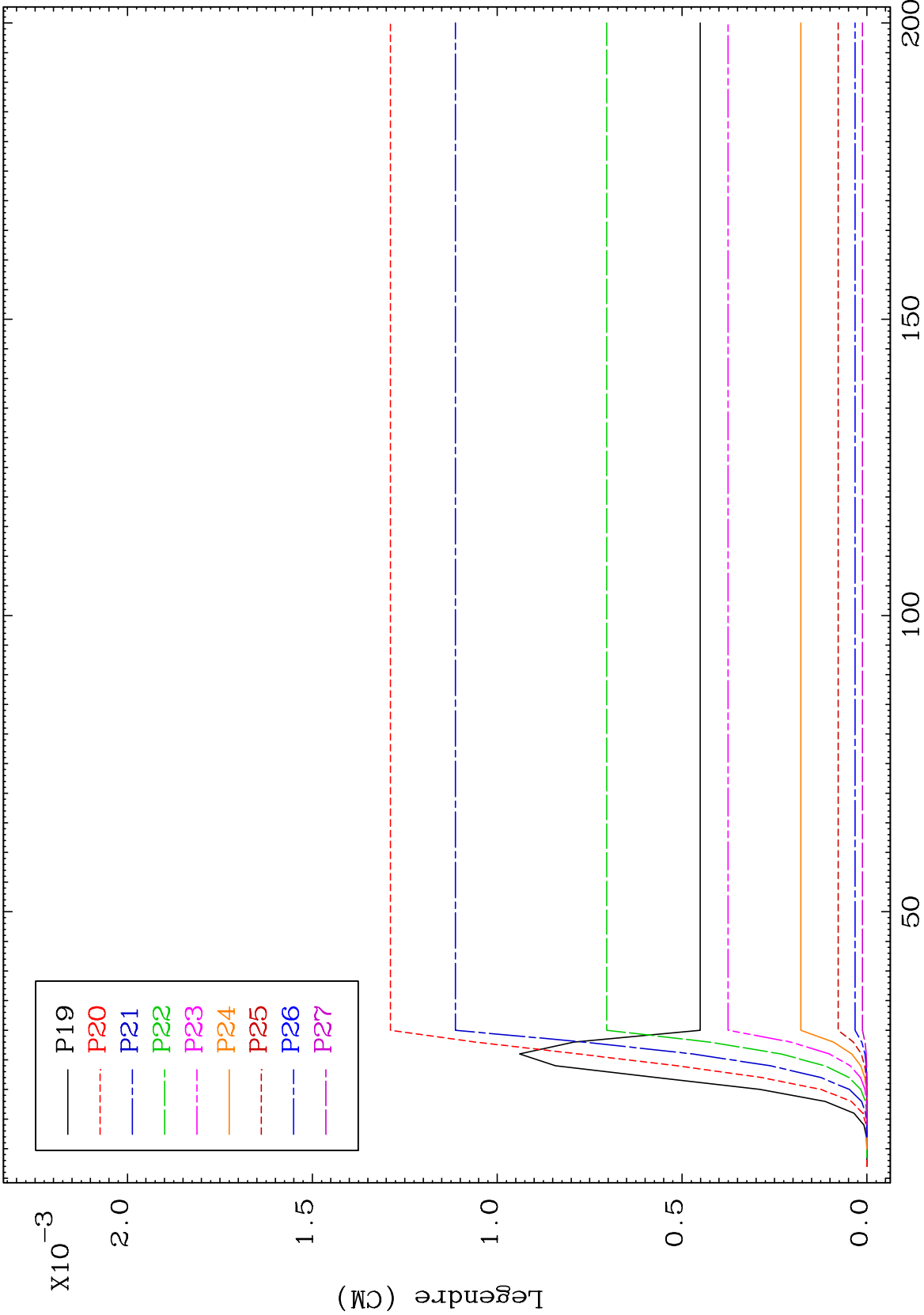


68-Er-149

Incident Energy (MeV)

34

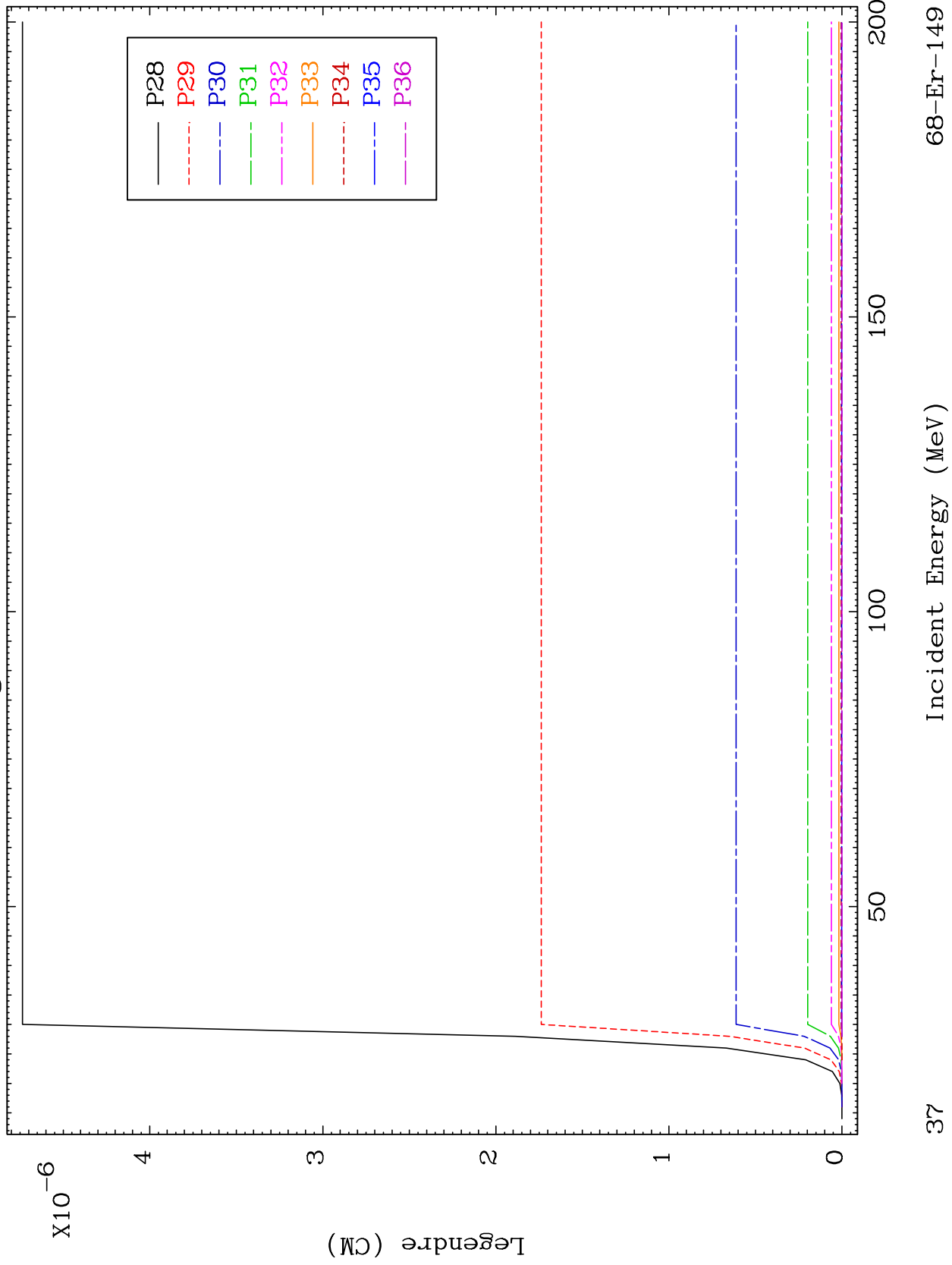




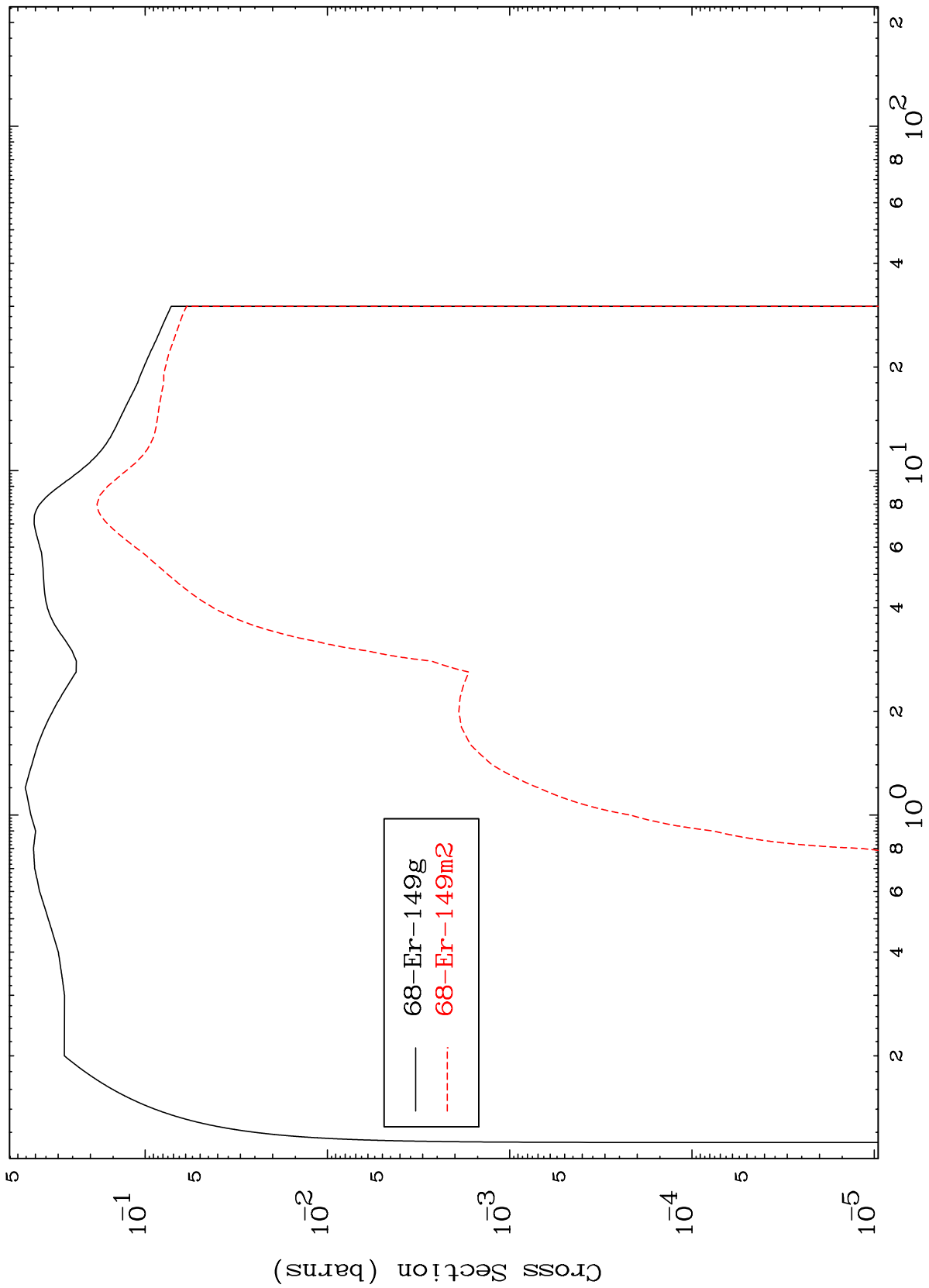
MAT 6786

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

68-Er-149



Inelastic  
Radionuclide Production Cross Section

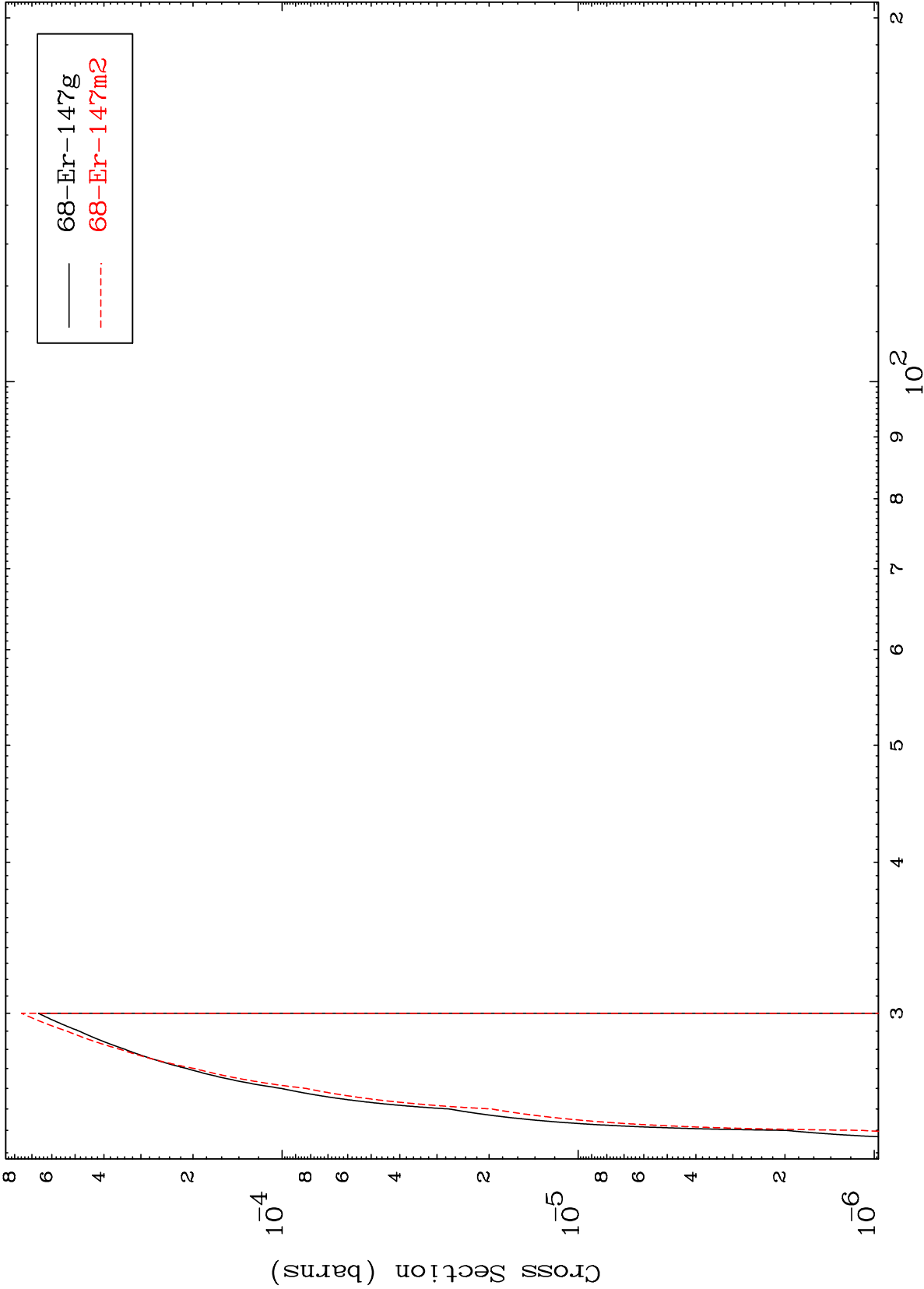


MAT 6786

(n,3n)

68-Er-149

Radionuclide Production Cross Section



39

Incident Energy (MeV)

68-Er-149

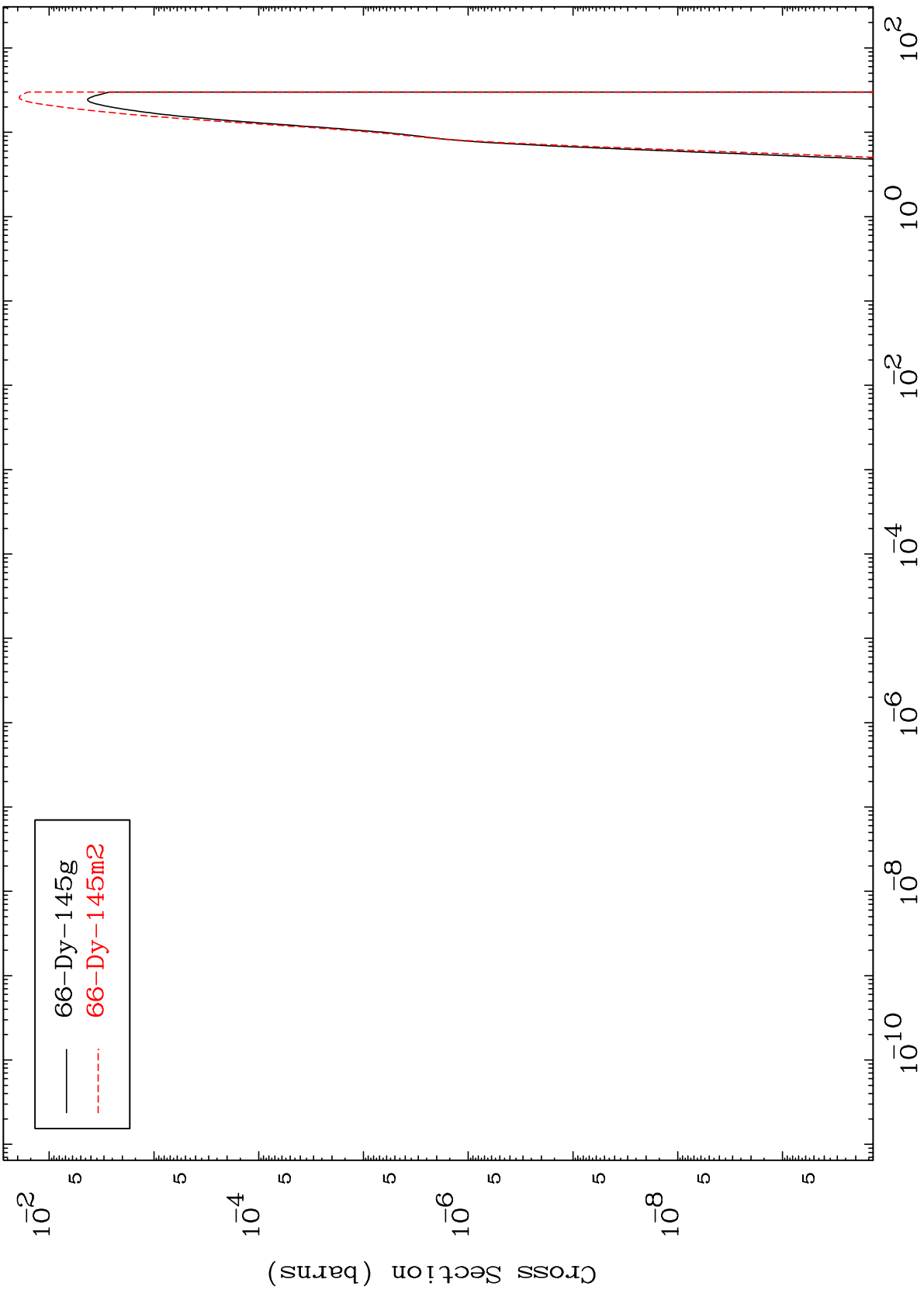


MAT 6786

$(n, n') \alpha$

68-Er-149

Radionuclide Production Cross Section

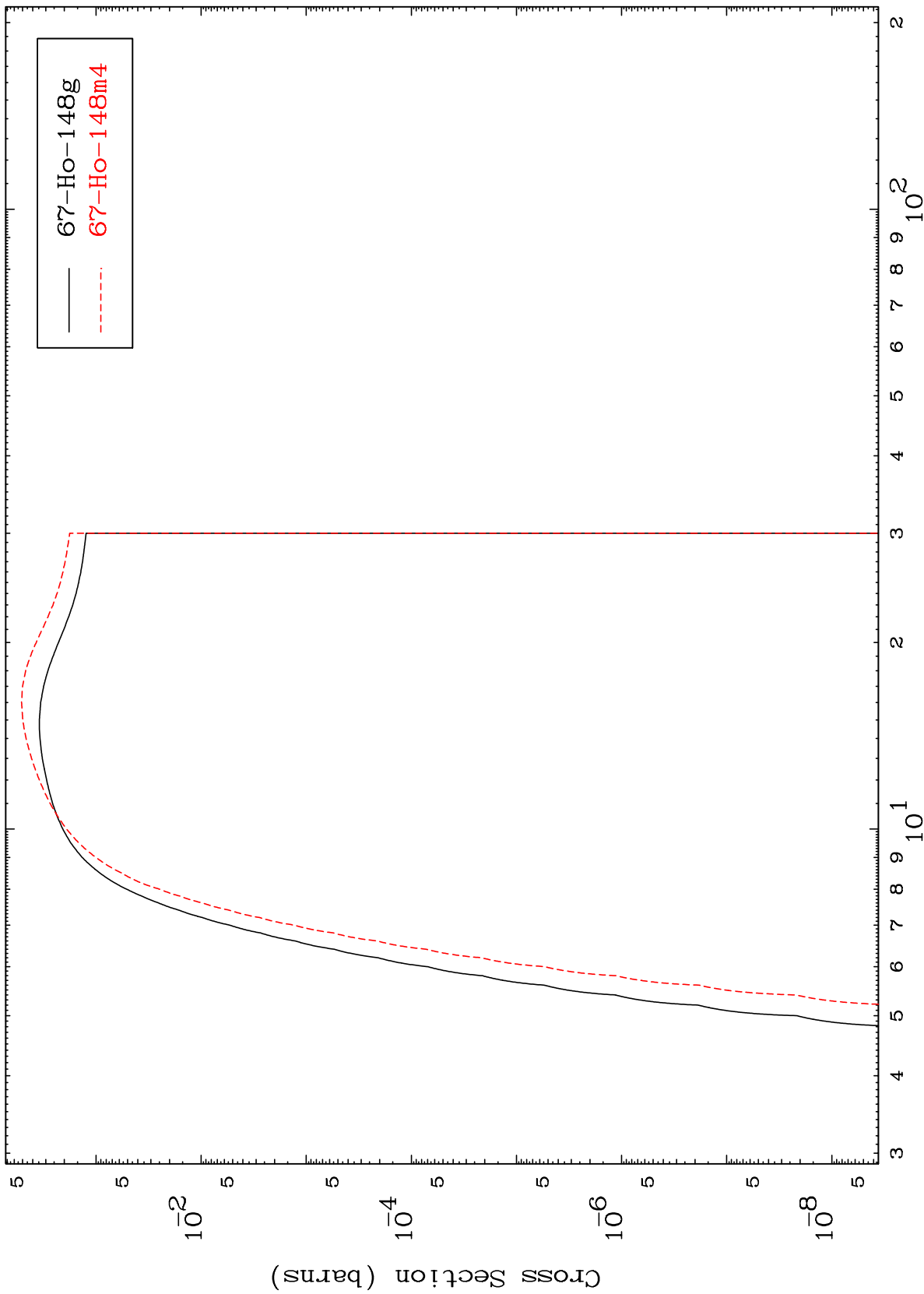


40

Incident Energy (MeV)

68-Er-149

Radionuclide Production Cross Section

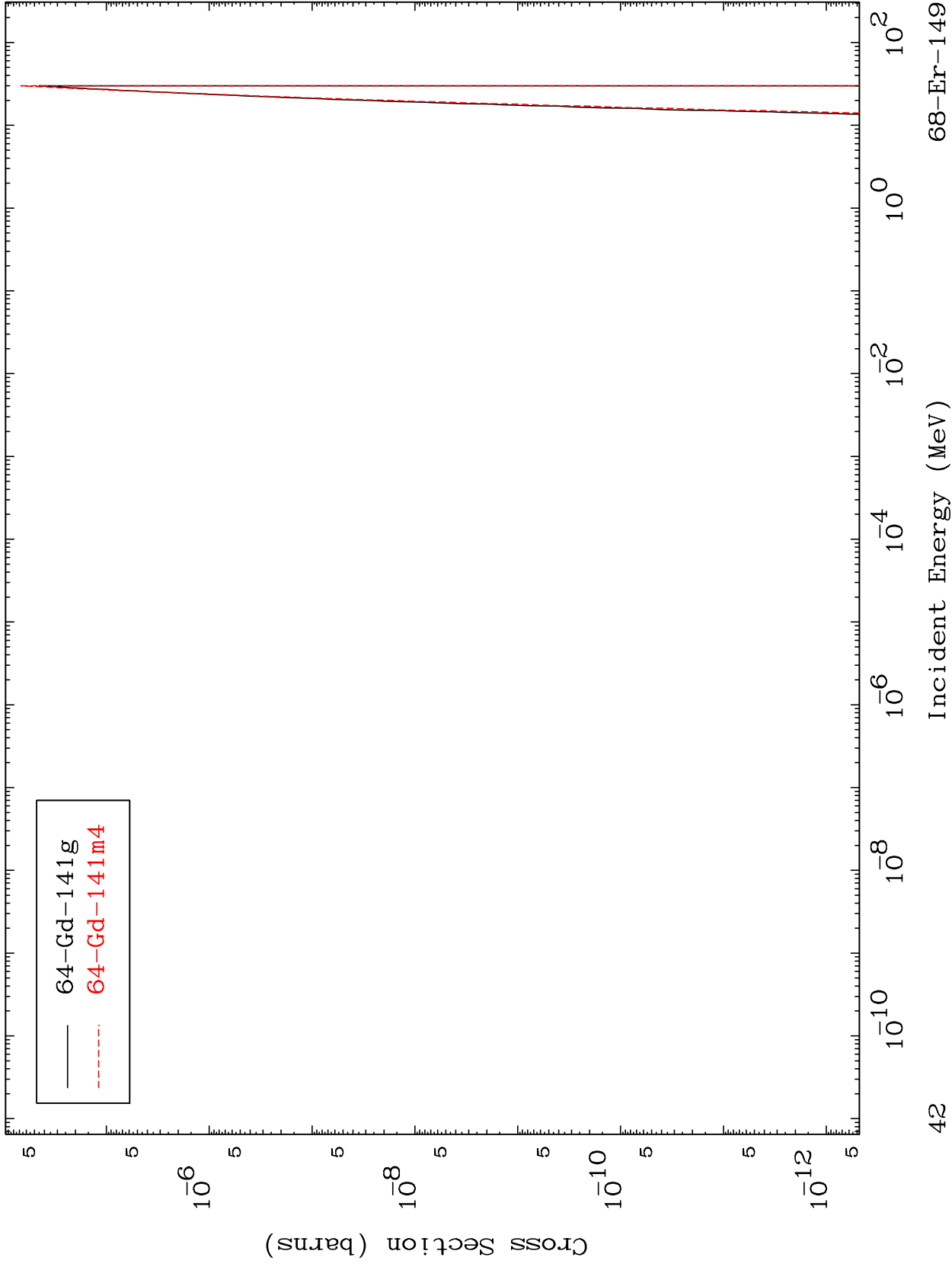


MAT 6786

(n,n') 2α

68-Er-149

Radionuclide Production Cross Section

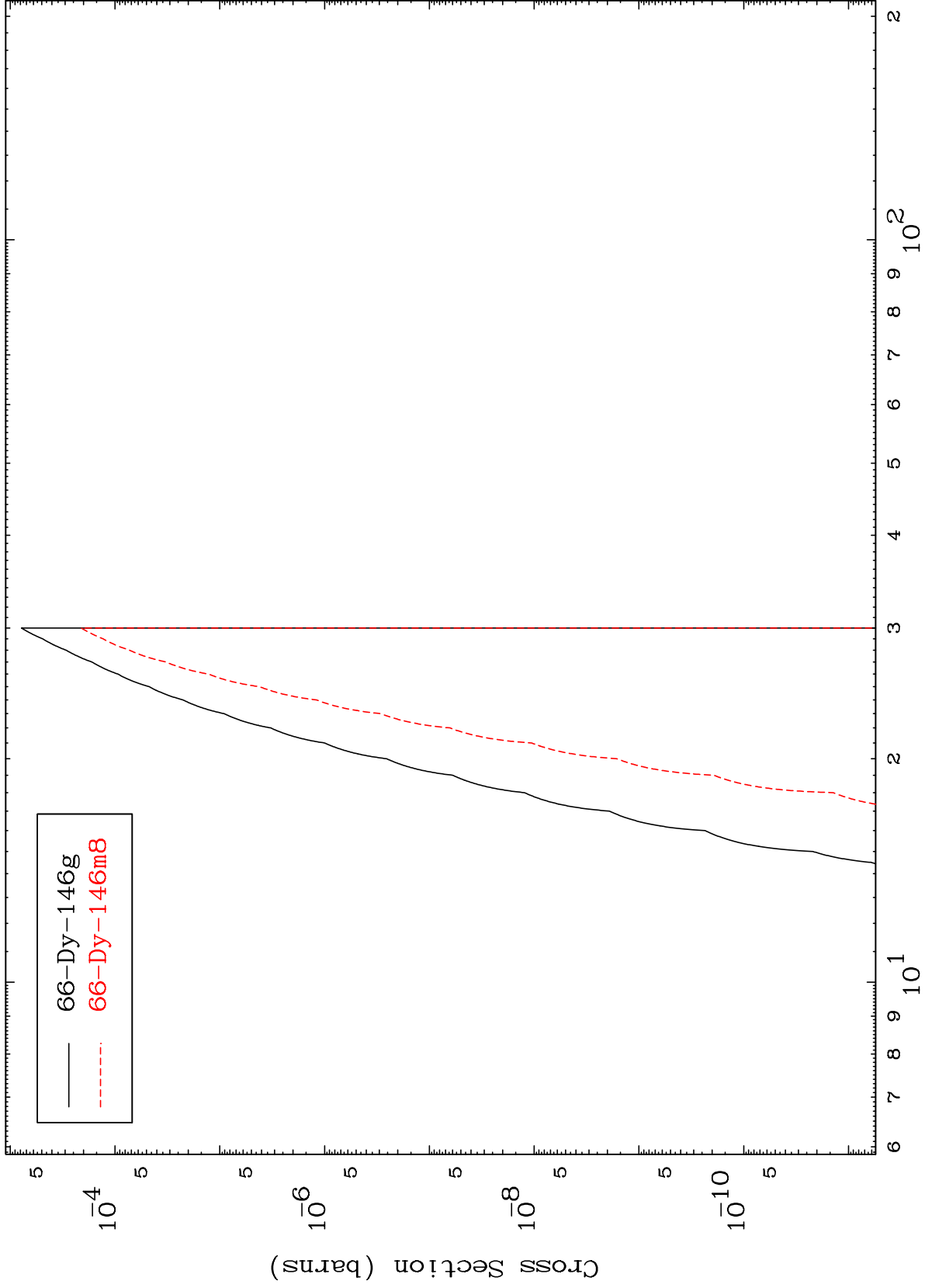


MAT 6786

(n,n') He-3

68-Er-149

Radionuclide Production Cross Section



43

Incident Energy (MeV)

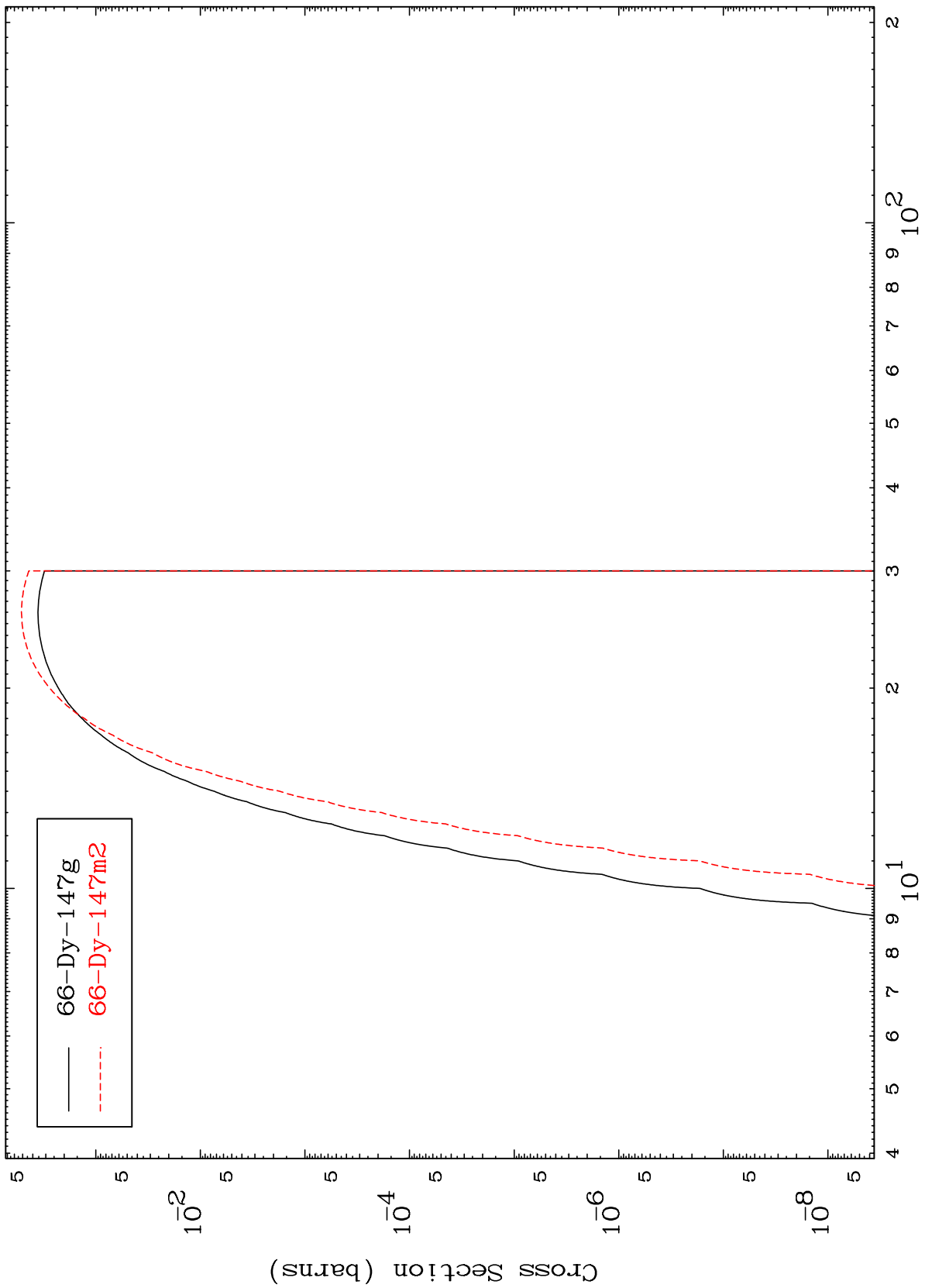
68-Er-149

MAT 6786

$(n,2n)$  p

68-Er-149

Radionuclide Production Cross Section



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

44

Incident Energy (MeV)

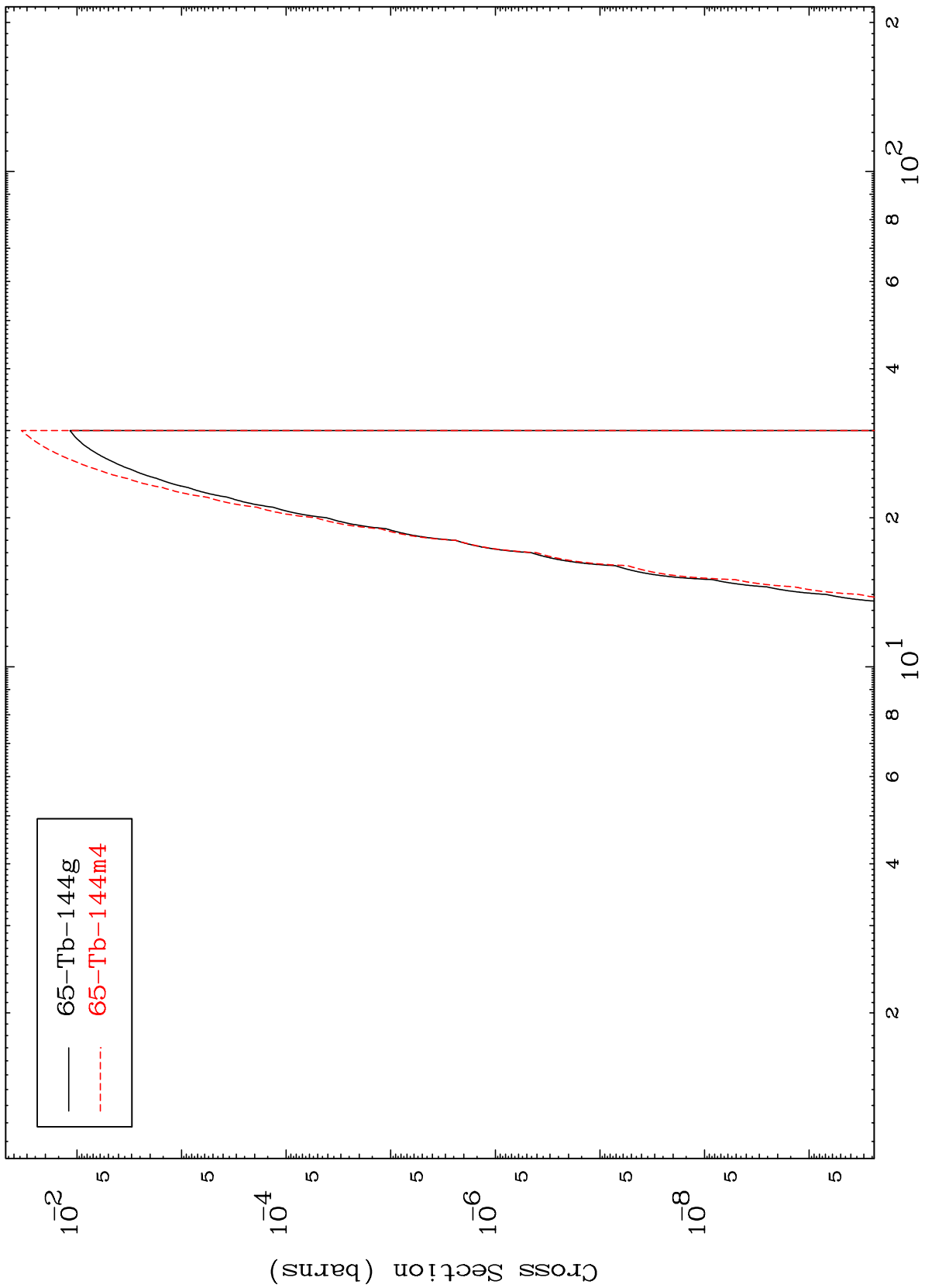
68-Er-149

MAT 6786

(n,n') p  $\alpha$

68-Er-149

Radionuclide Production Cross Section



65-Tb-144g  
65-Tb-144m4

45

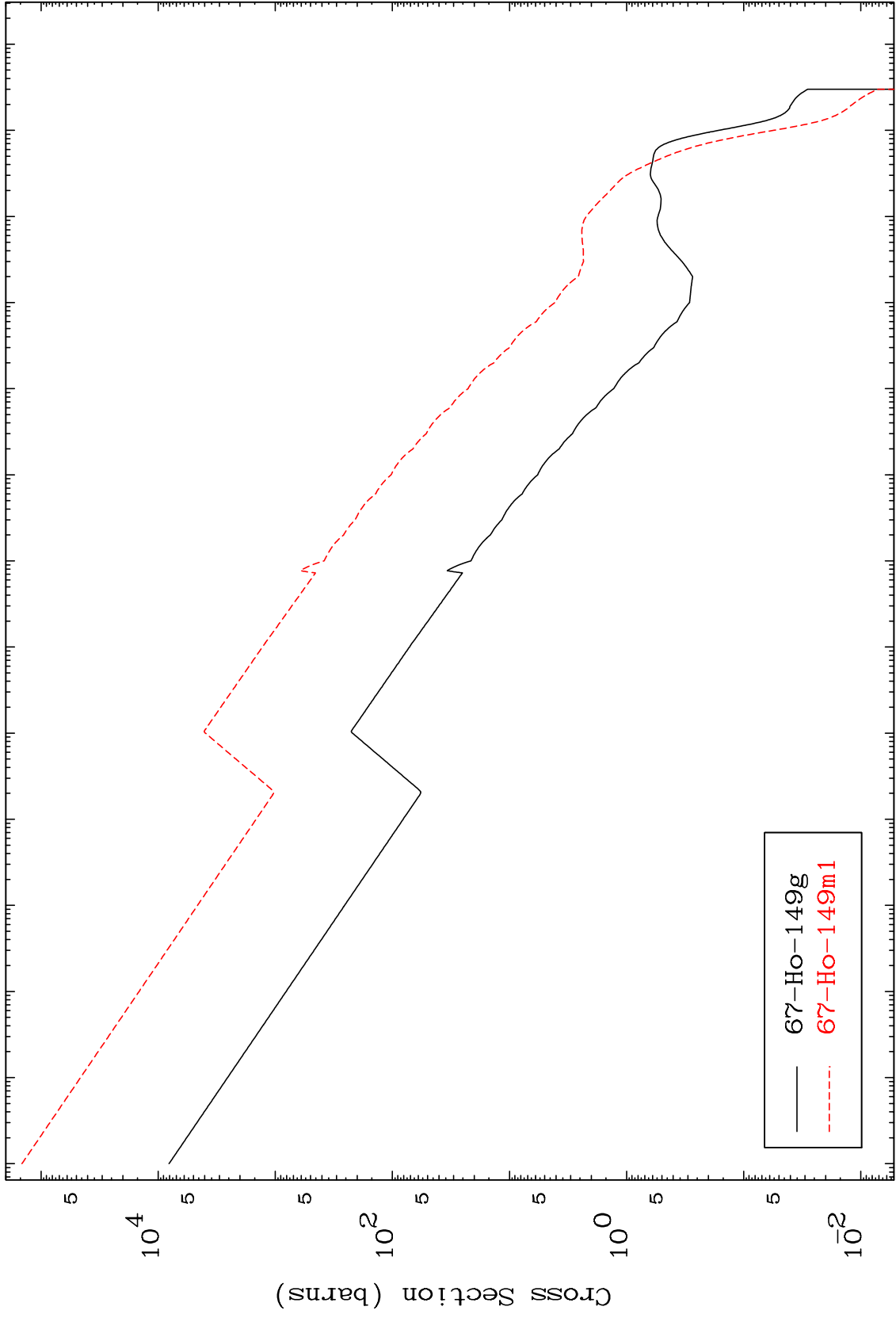
Incident Energy (MeV)

68-Er-149

MAT 6786

68-Er-149

(n,p)  
Radionuclide Production Cross Section



—  $^{149}\text{Ho-g}$   
- - -  $^{149}\text{Ho-m1}$

68-Er-149

Incident Energy (MeV)

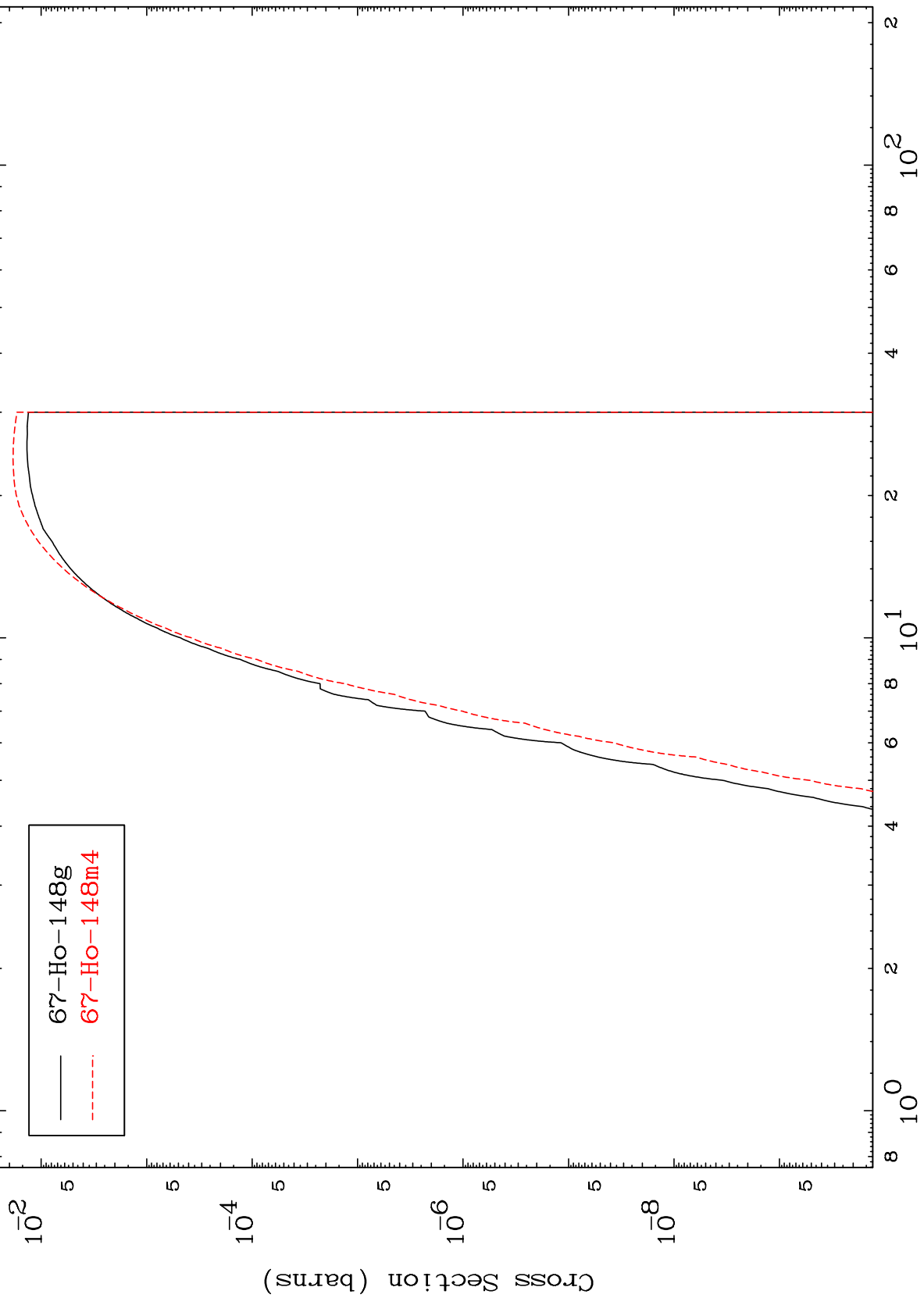
46

MAT 6786

(n,d)

68-Er-149

Radionuclide Production Cross Section



— 67-Ho-148g  
- - - 67-Ho-148m4

47

Incident Energy (MeV)

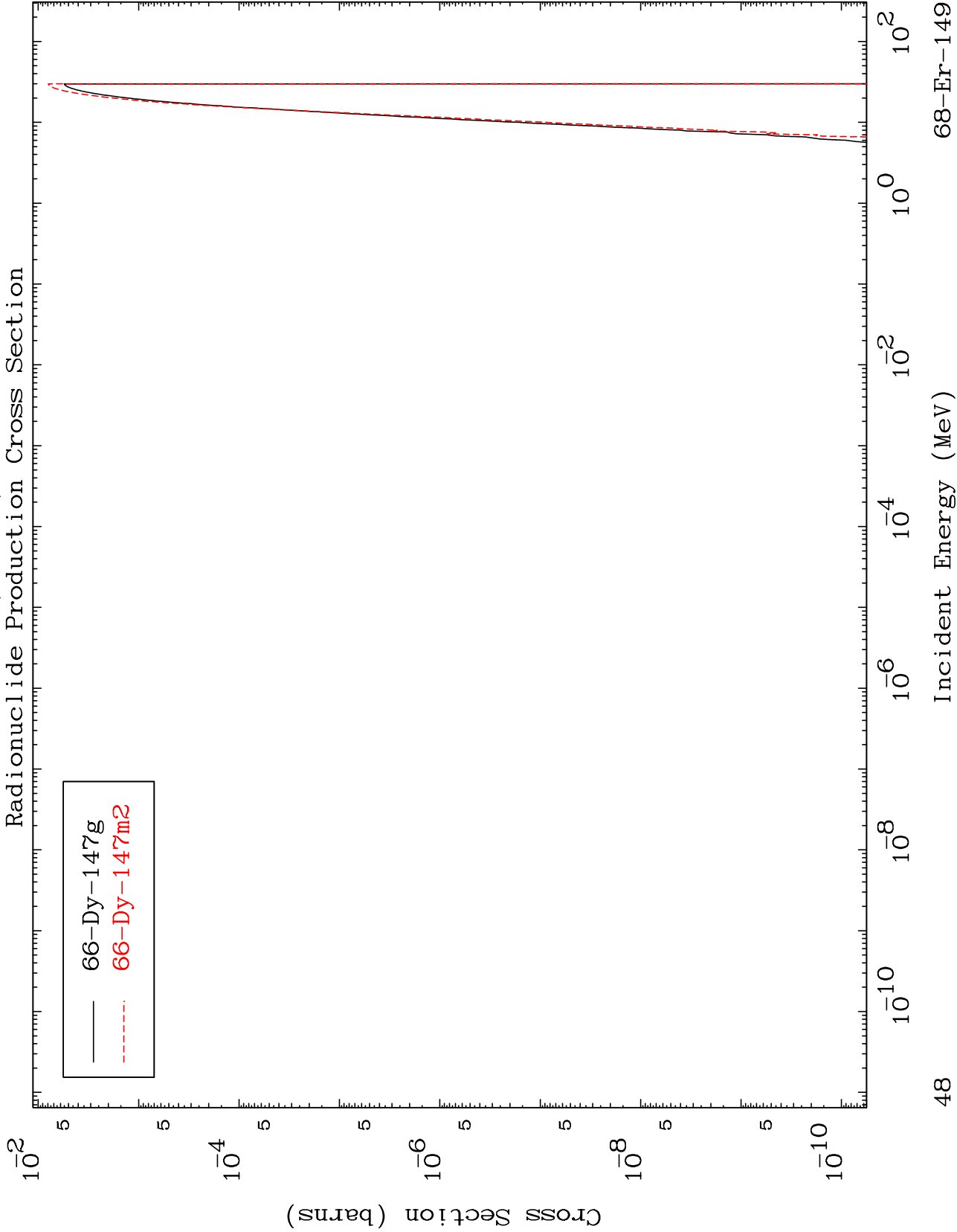
68-Er-149



MAT 6786

(n,He-3)

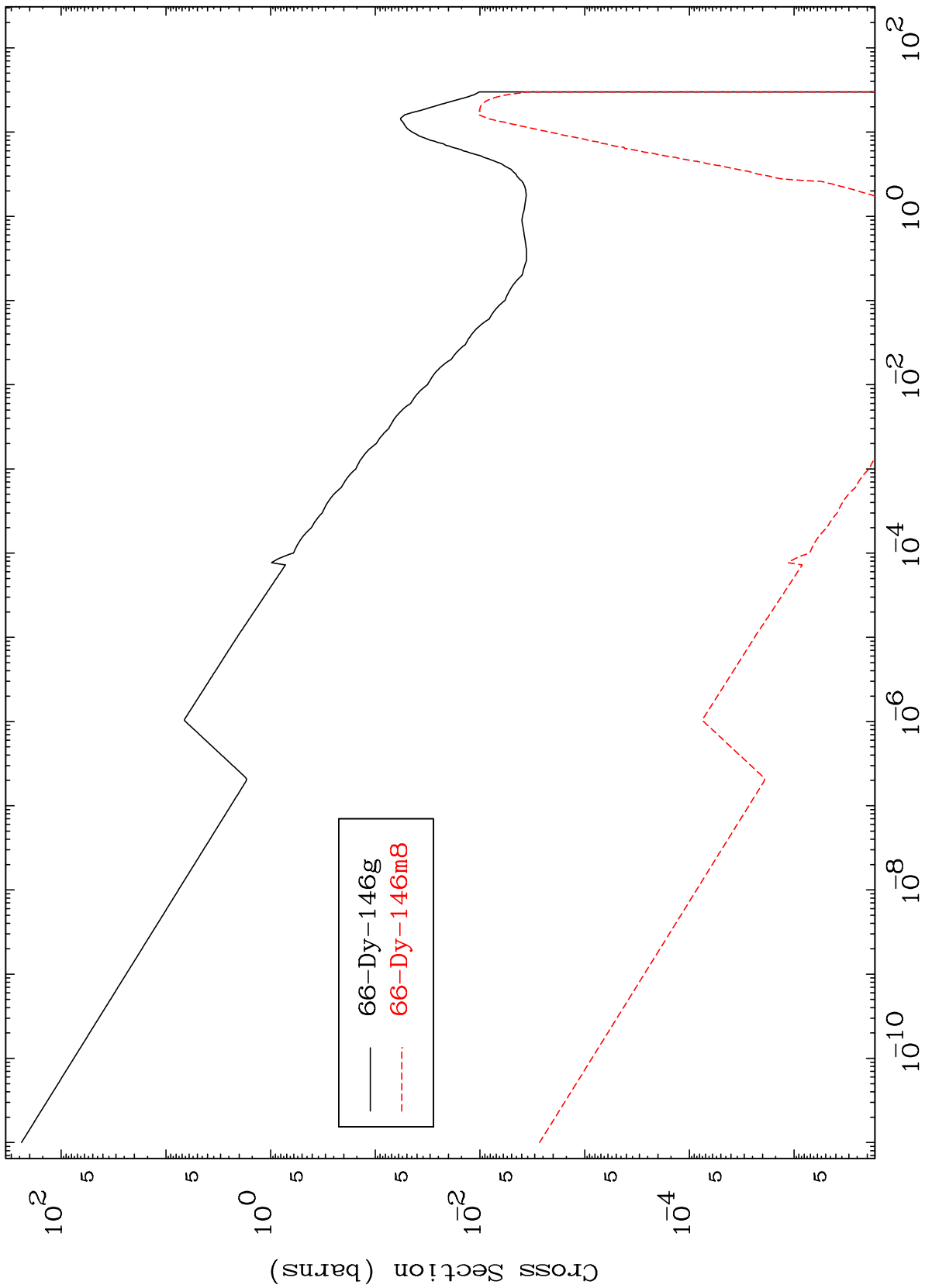
68-Er-149



MAT 6786

68-Er-149

Radionuclide Production Cross Section

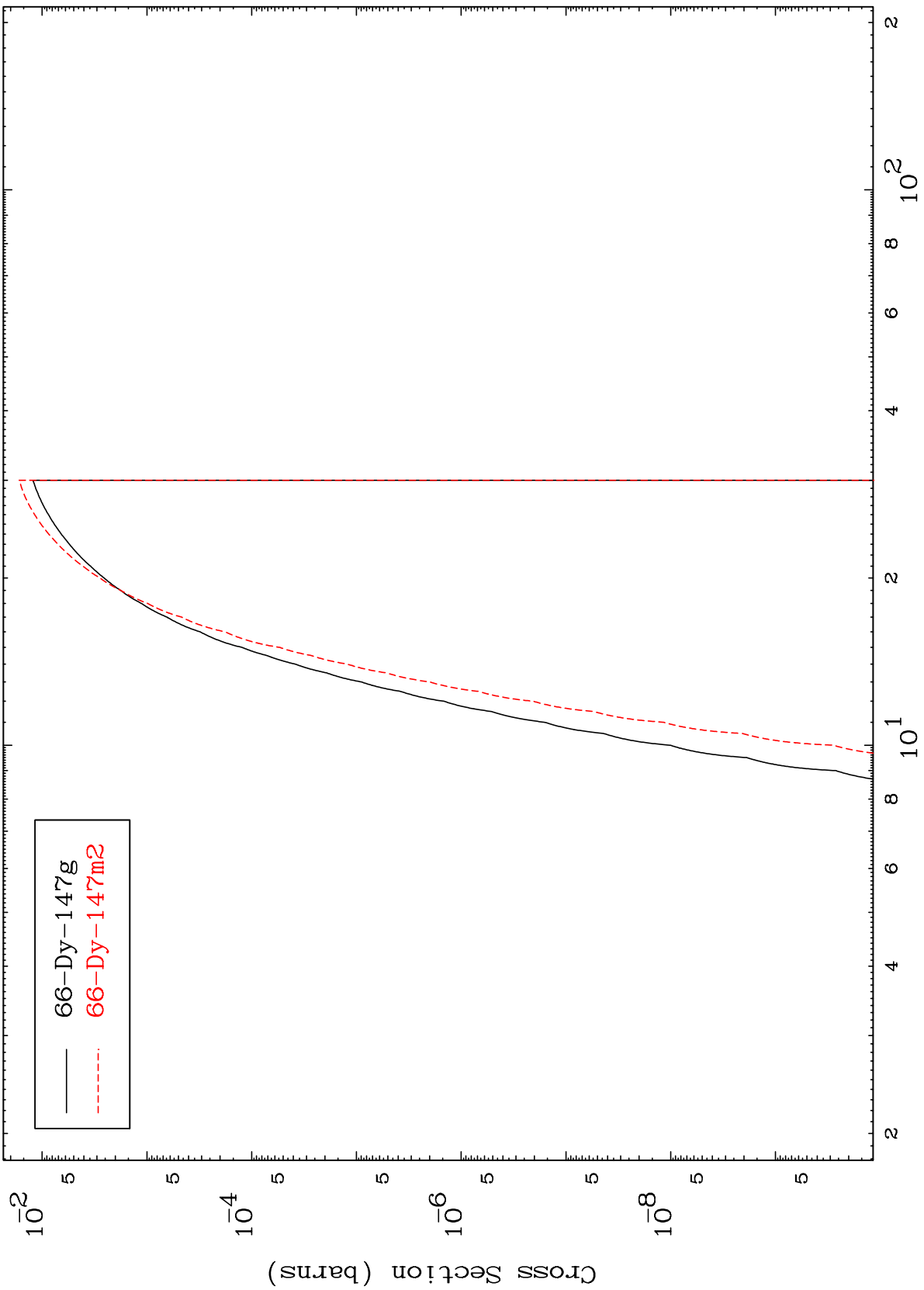


MAT 6786

(n,p) d

68-Er-149

Radionuclide Production Cross Section



— 66-Dy-147g  
- - - 66-Dy-147m2

50

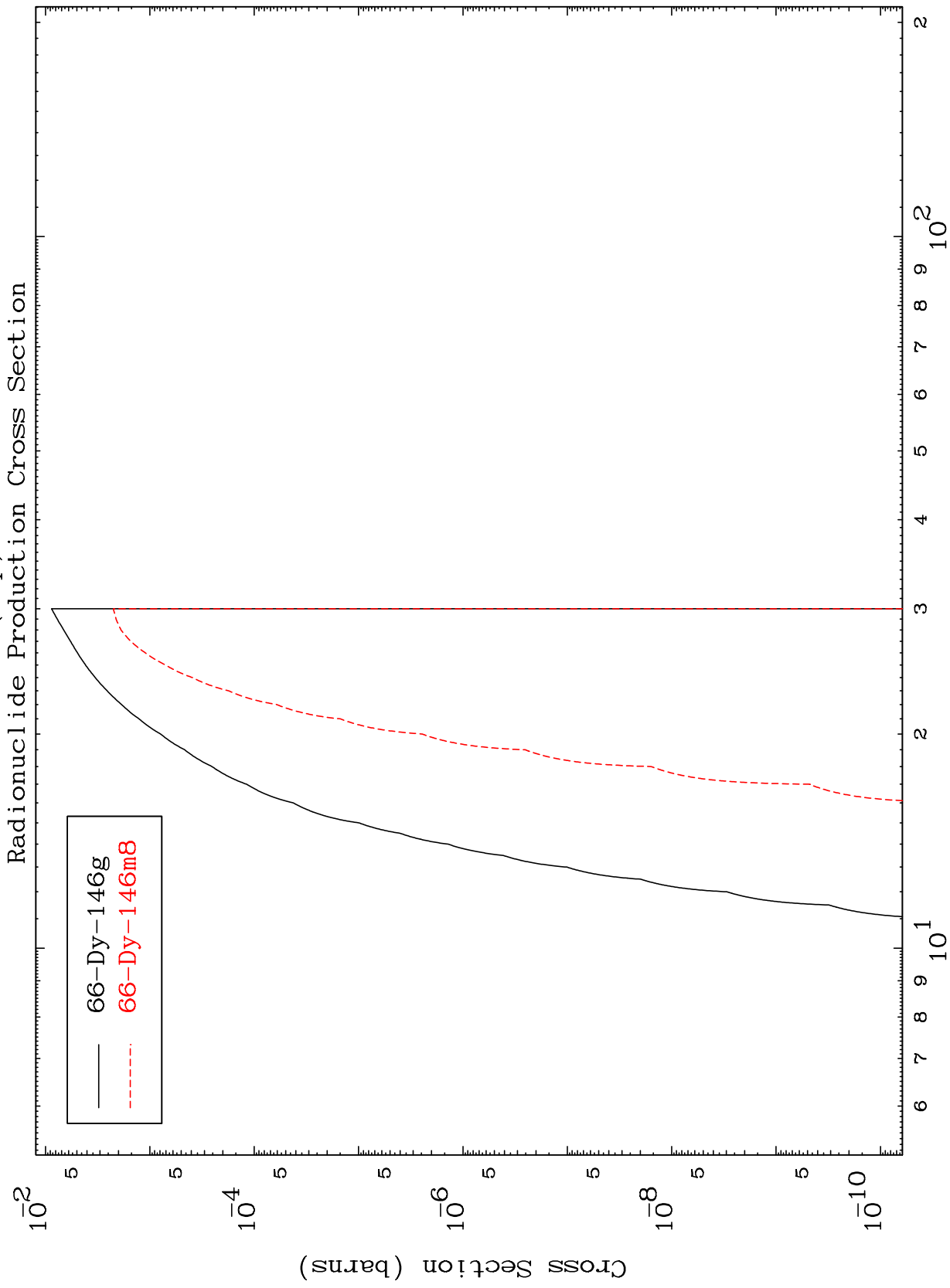
Incident Energy (MeV)

68-Er-149

MAT 6786

(n,p) t

68-Er-149



51

Incident Energy (MeV)

68-Er-149

MAT 6786

(n,d)  $\alpha$

68-Er-149

Radionuclide Production Cross Section

