

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

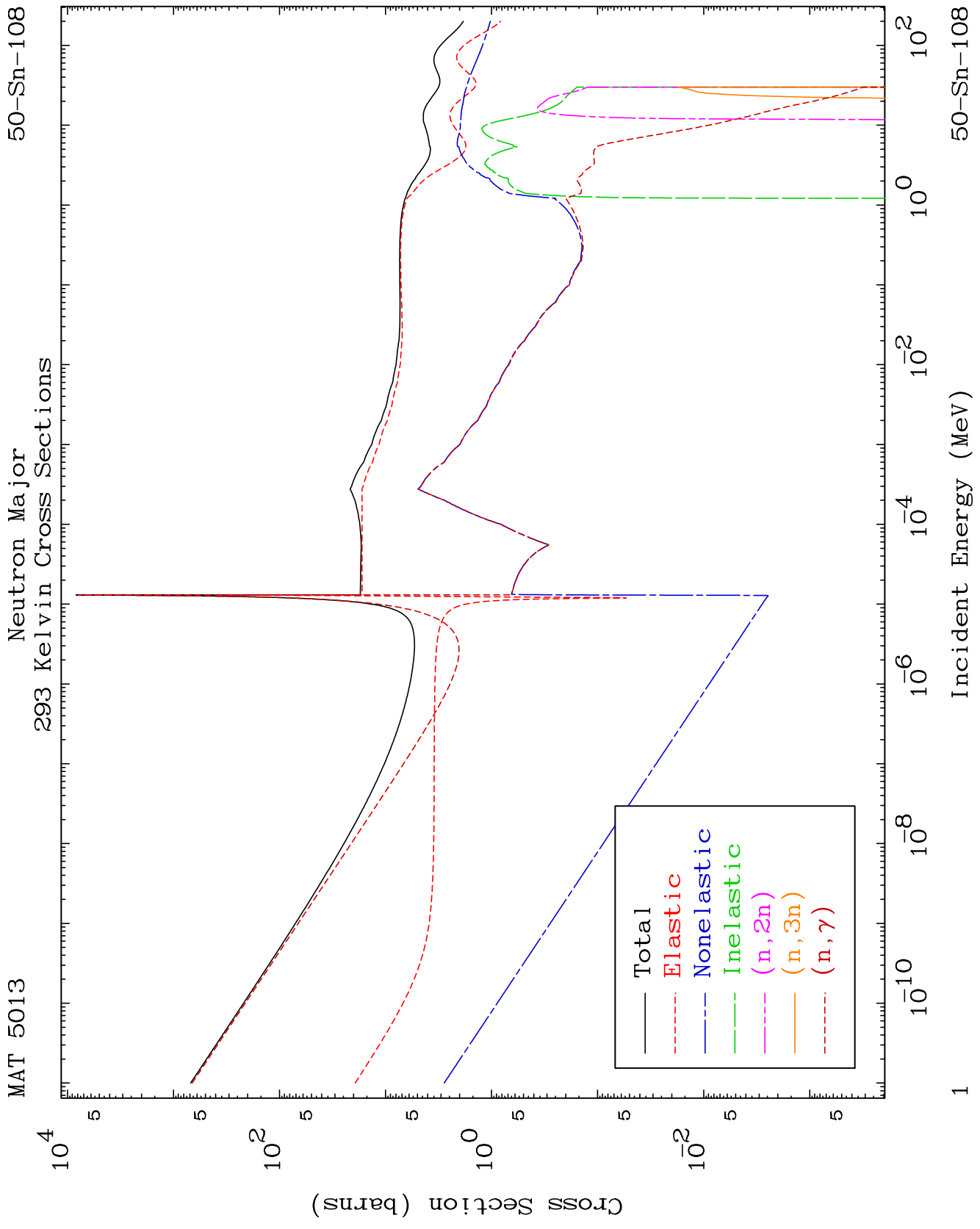
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

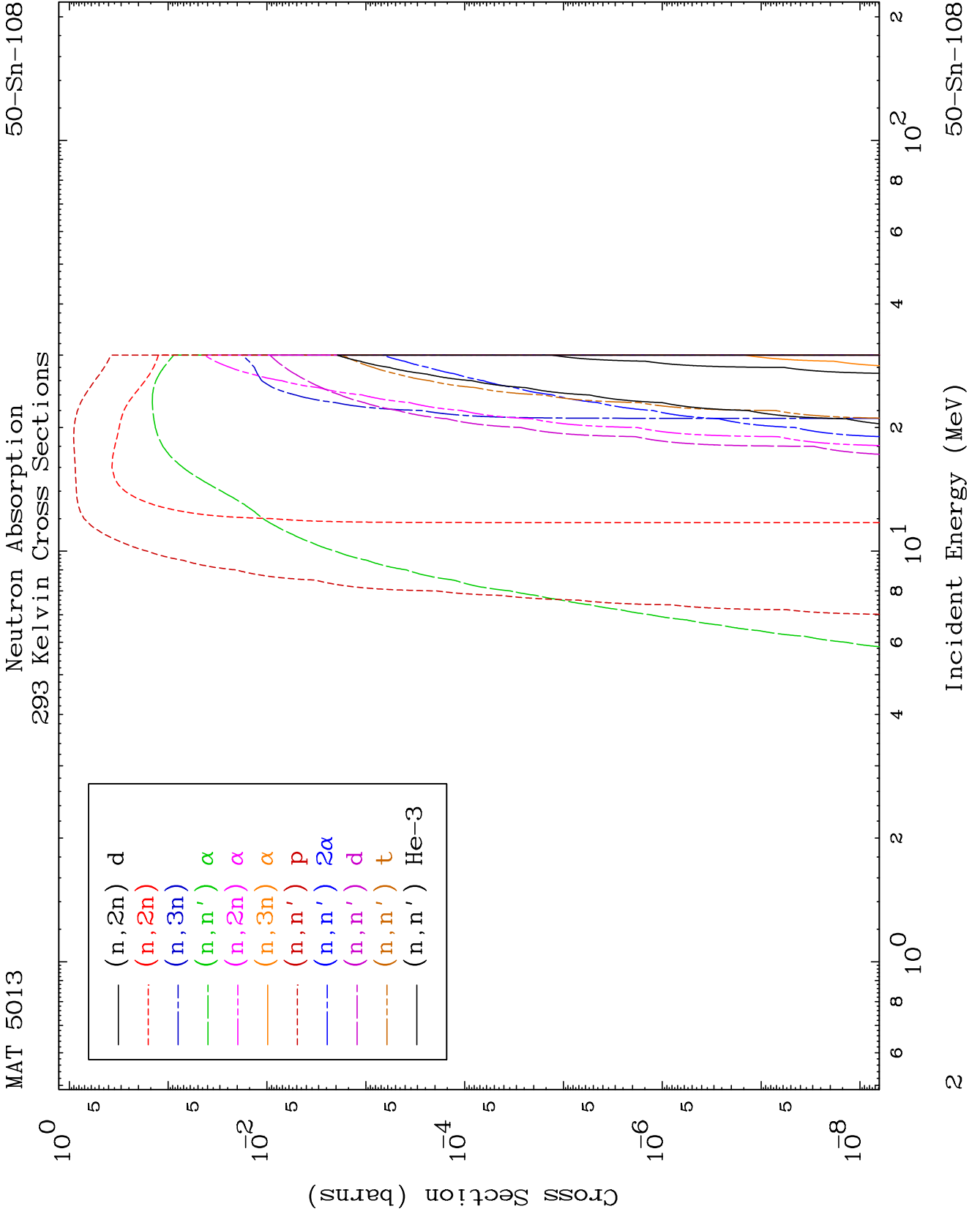
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

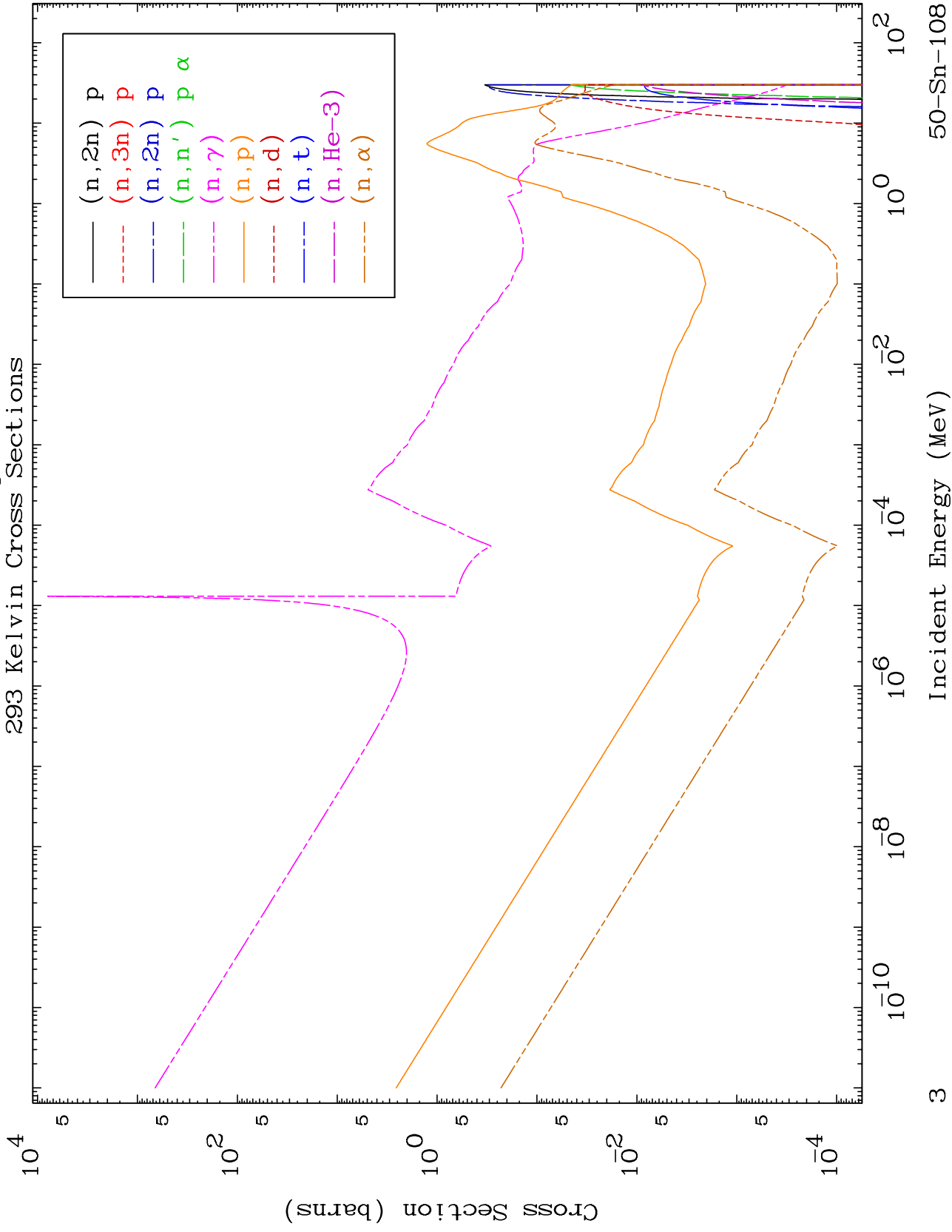


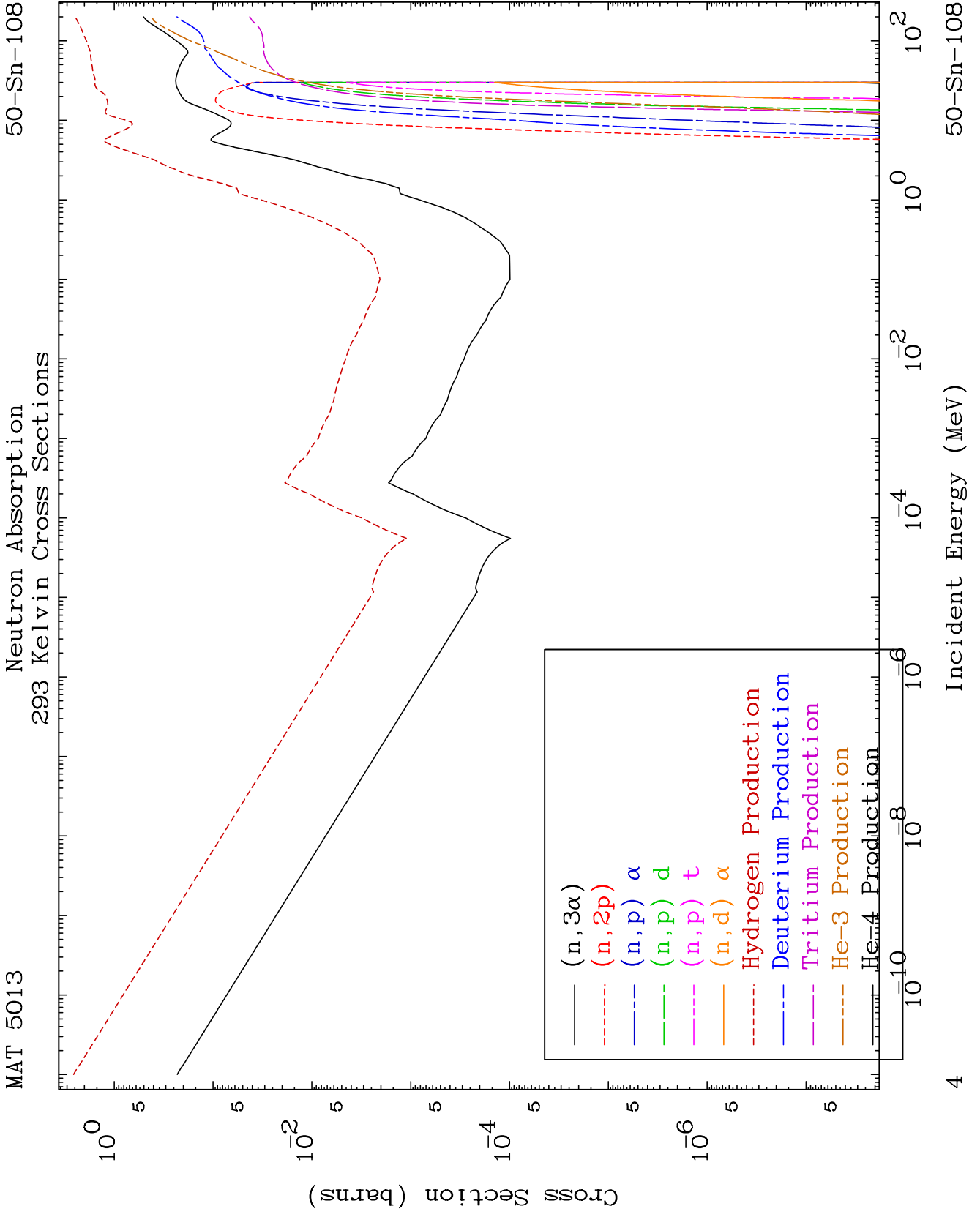


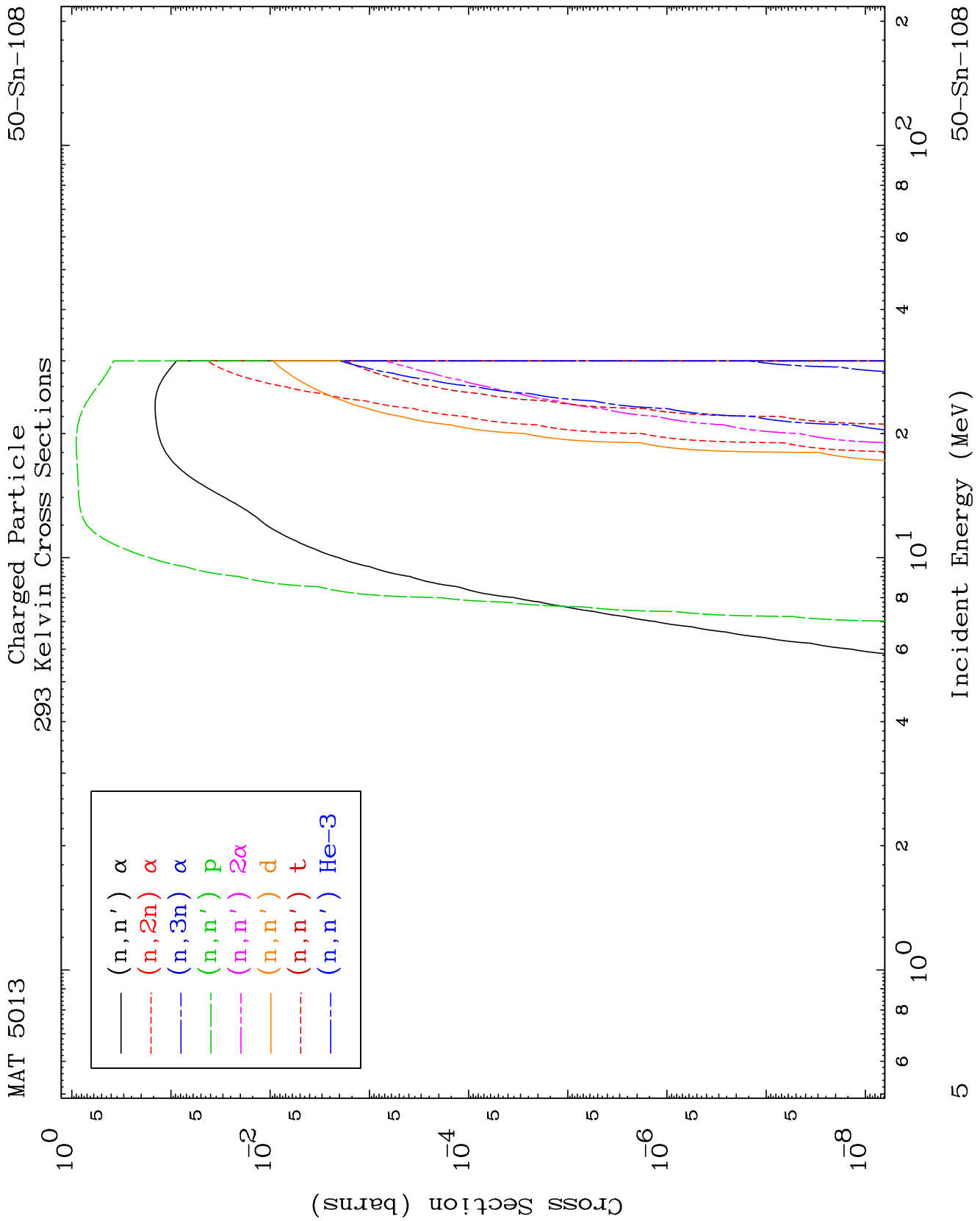
MAT 5013

Neutron Absorption  
293 Kelvin Cross Sections

50-Sn-108



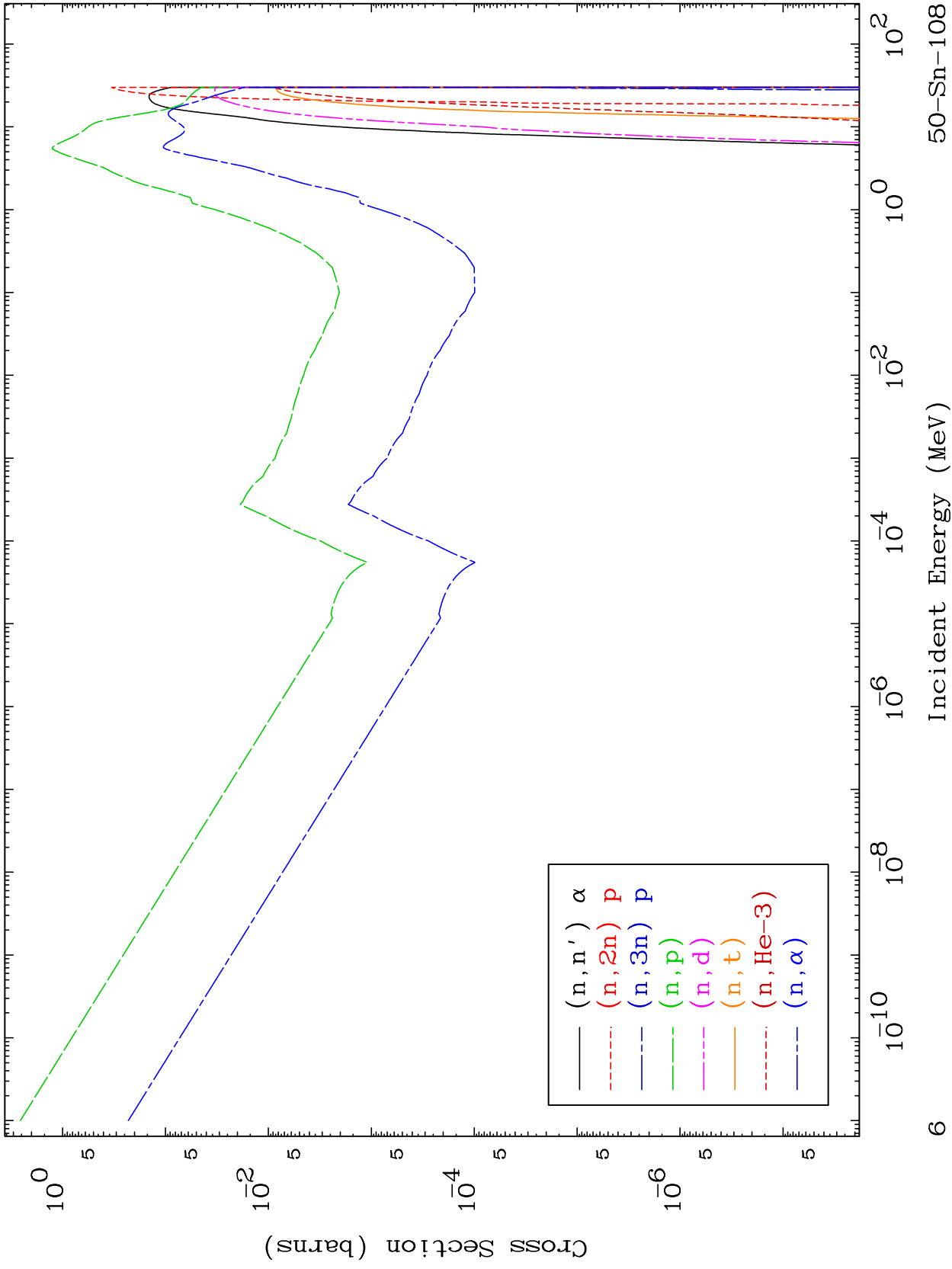




MAT 5013

Charged Particle  
293 Kelvin Cross Sections

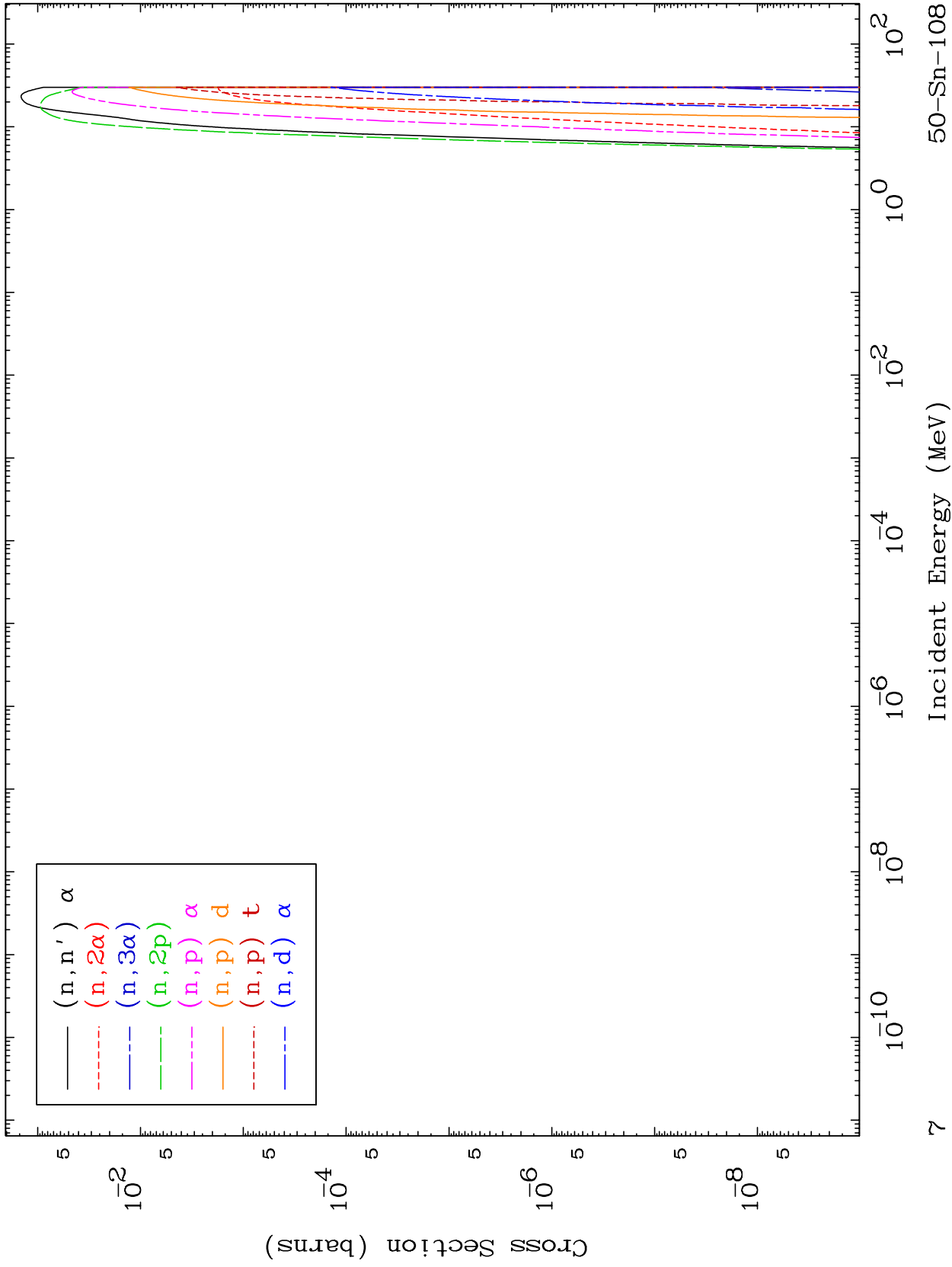
50-Sn-108



MAT 5013

Charged Particle  
293 Kelvin Cross Sections

50-Sn-108

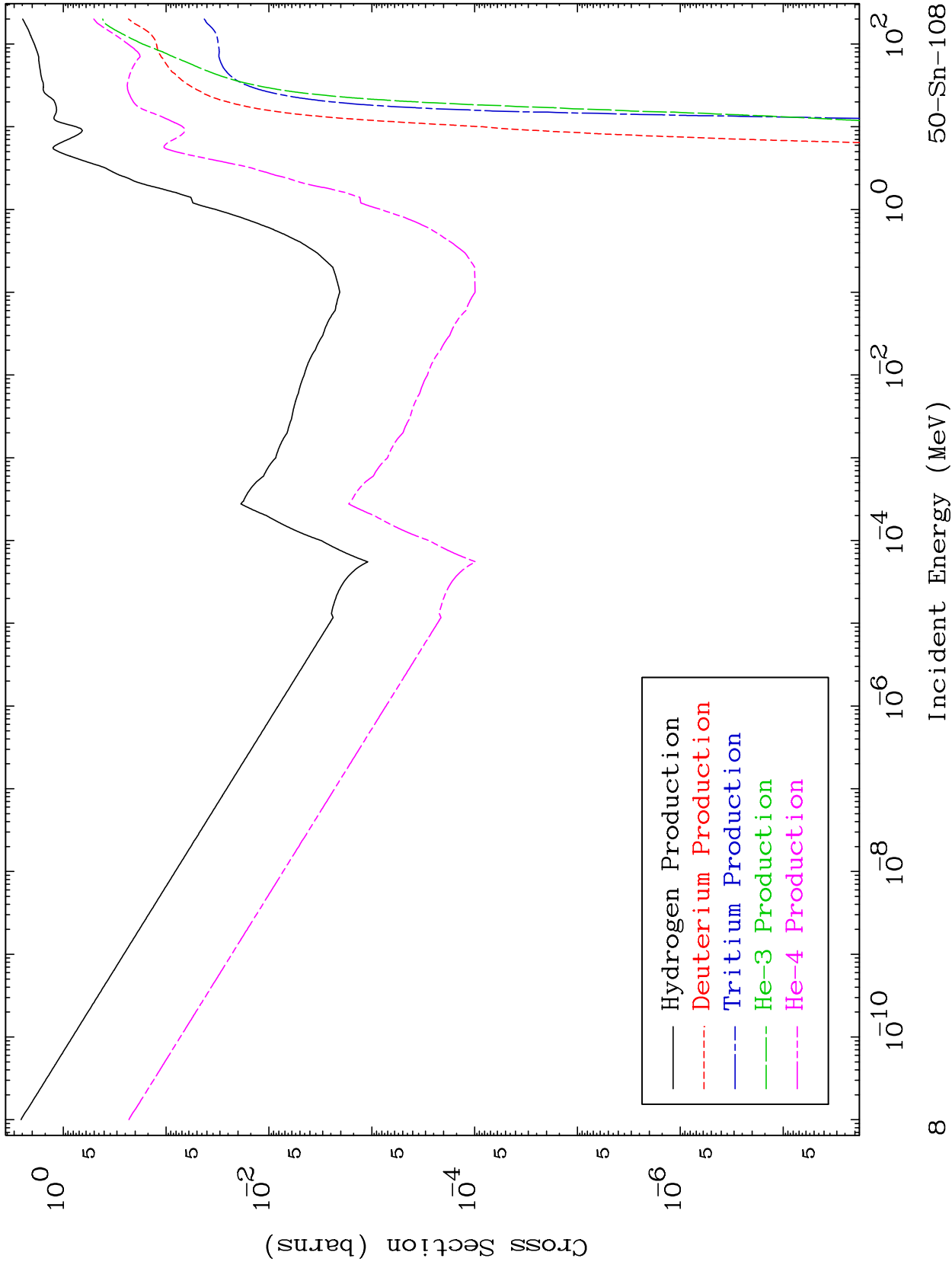




MAT 5013

Particle Production  
293 Kelvin Cross Sections

50-Sn-108

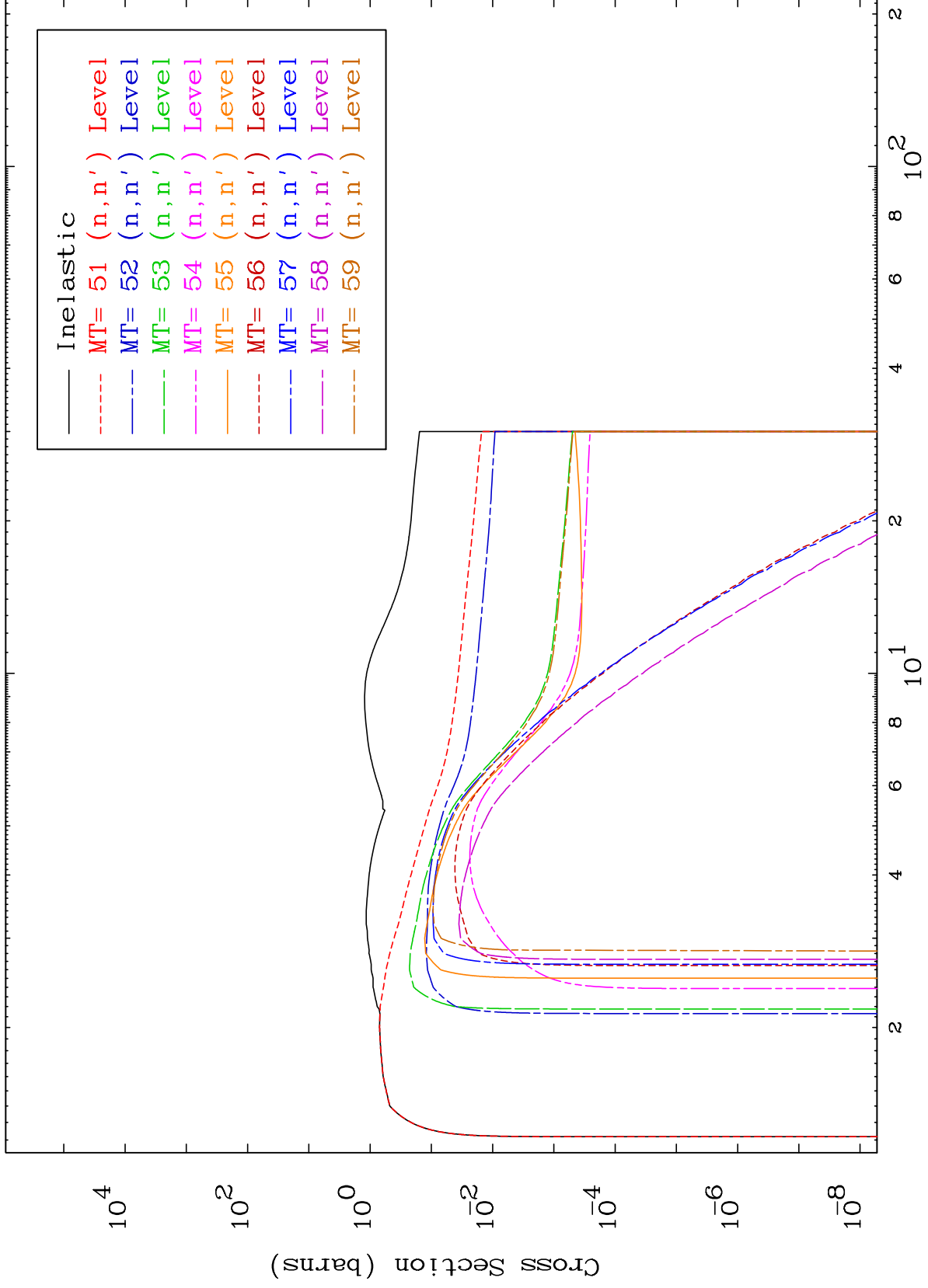


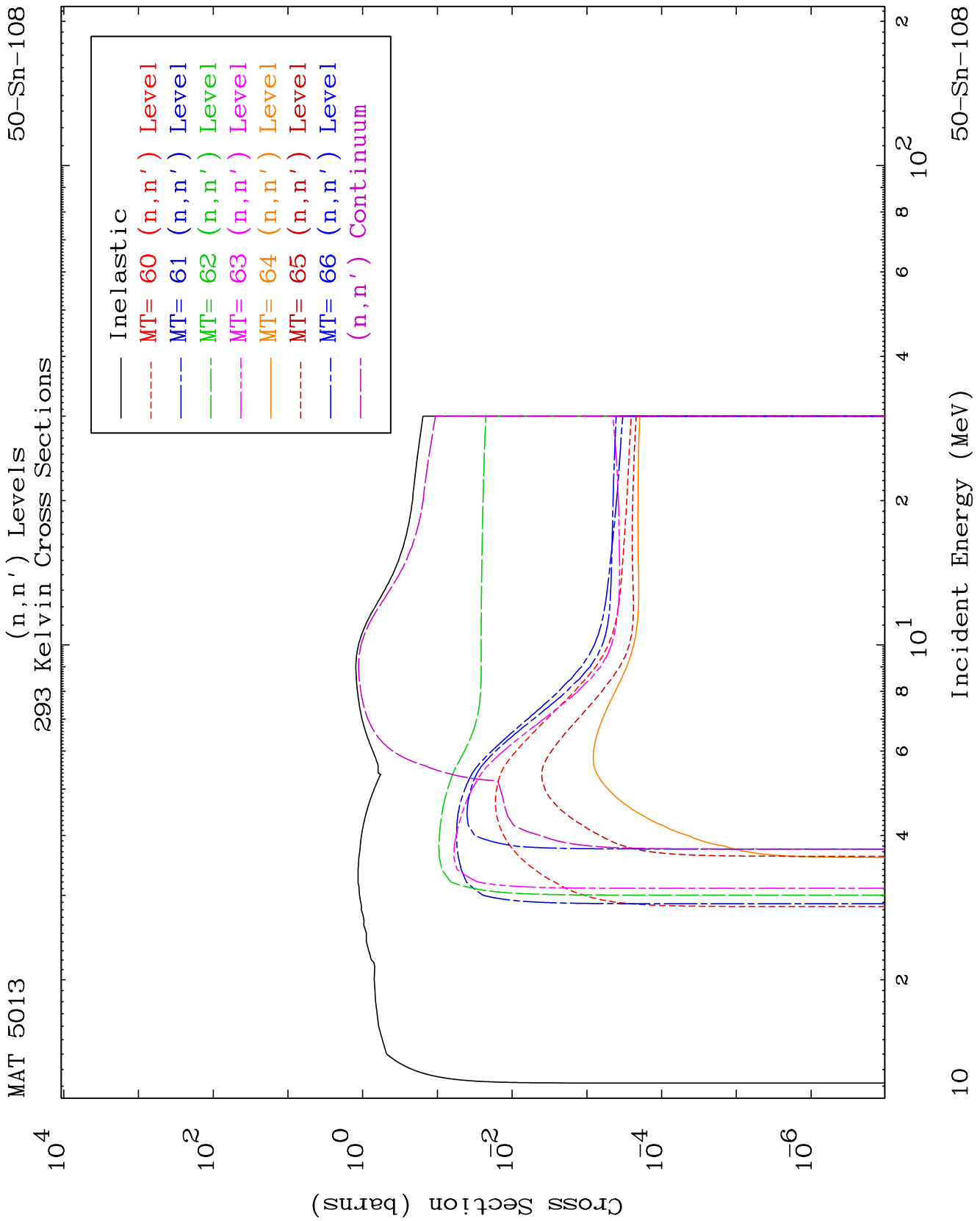
MAT 5013

(n,n') Levels

50-Sn-108

293 Kelvin Cross Sections

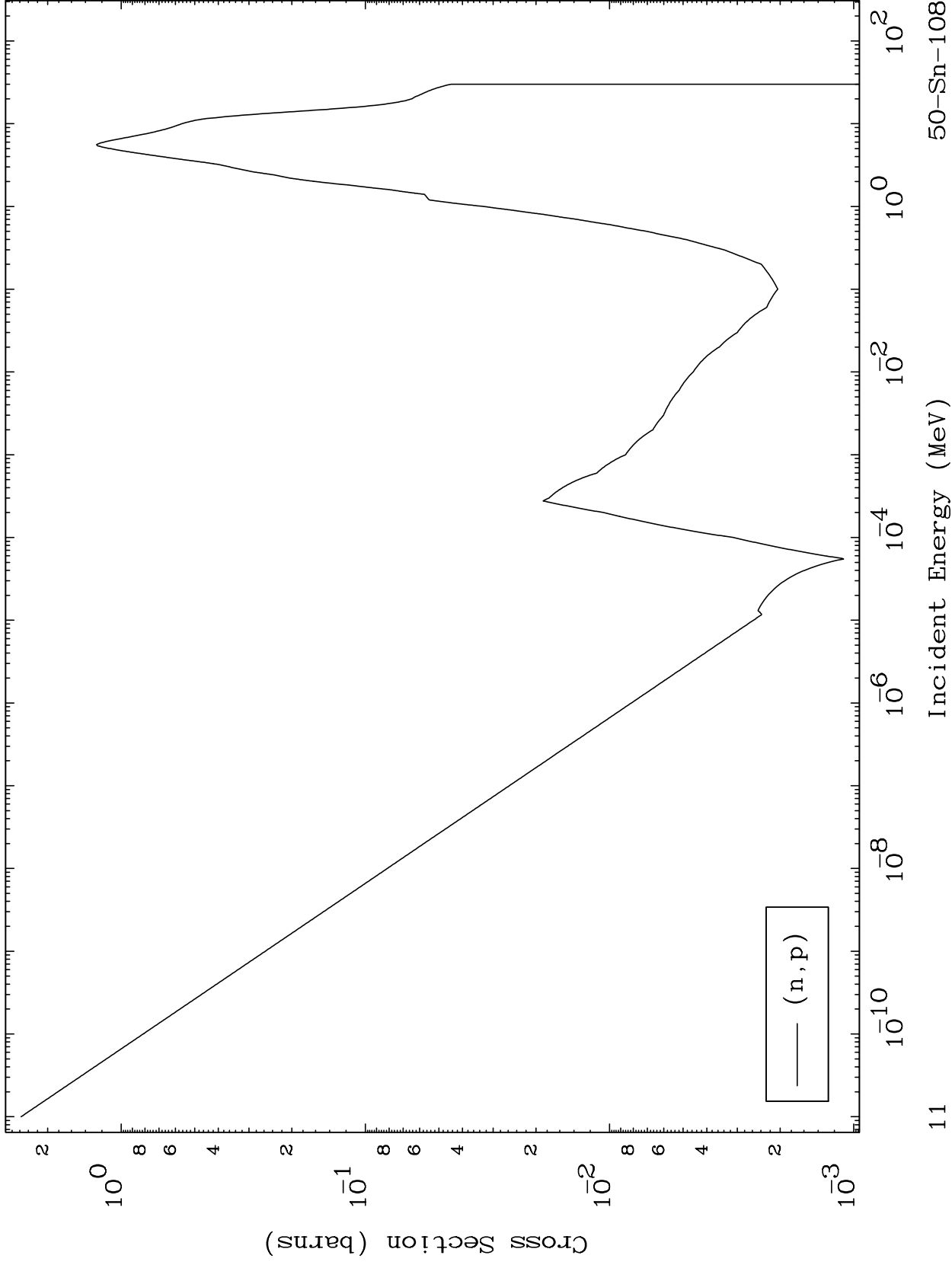




MAT 5013

(n,p) Levels  
293 Kelvin Cross Sections

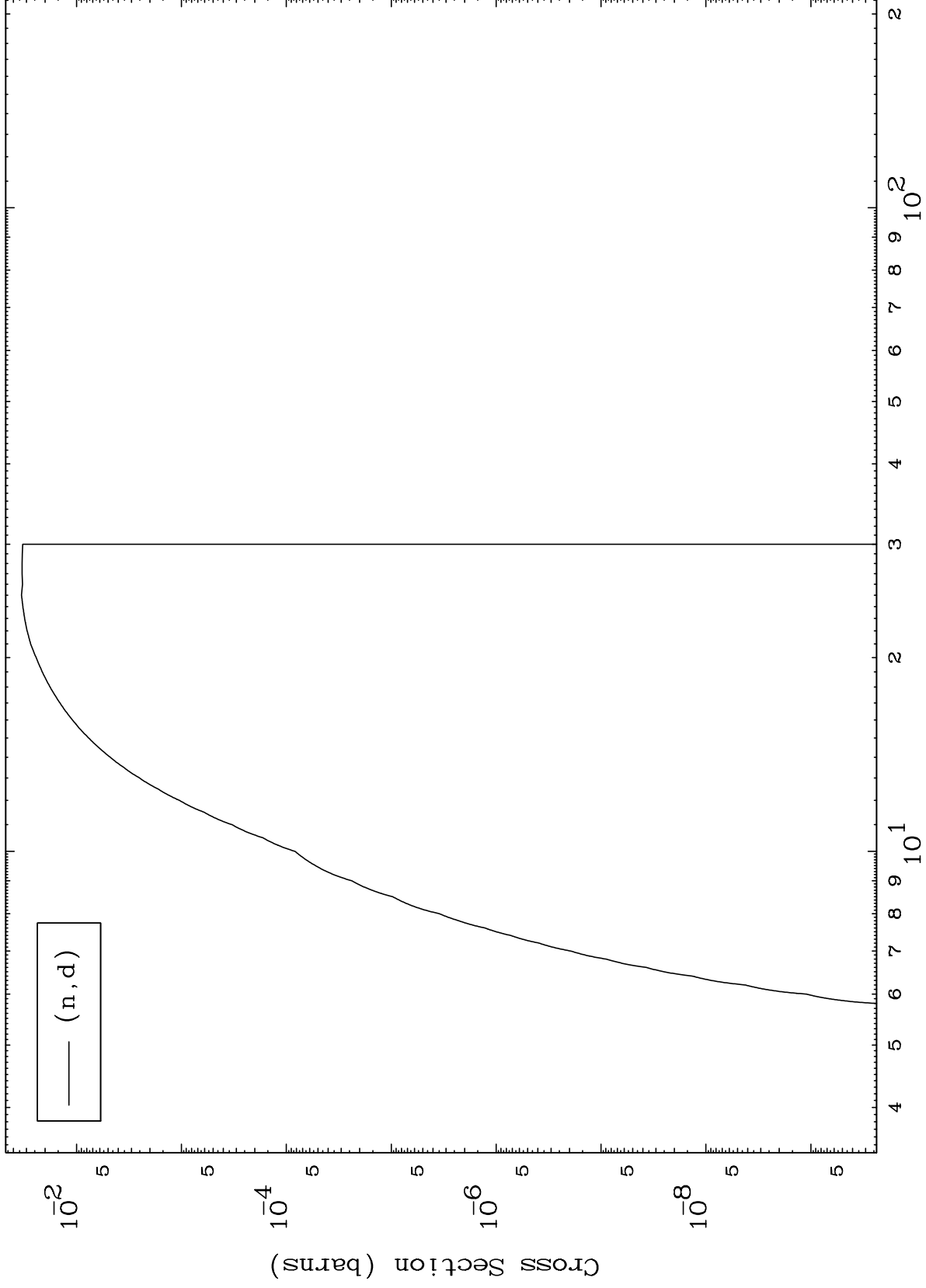
50-Sn-108



MAT 5013

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-108



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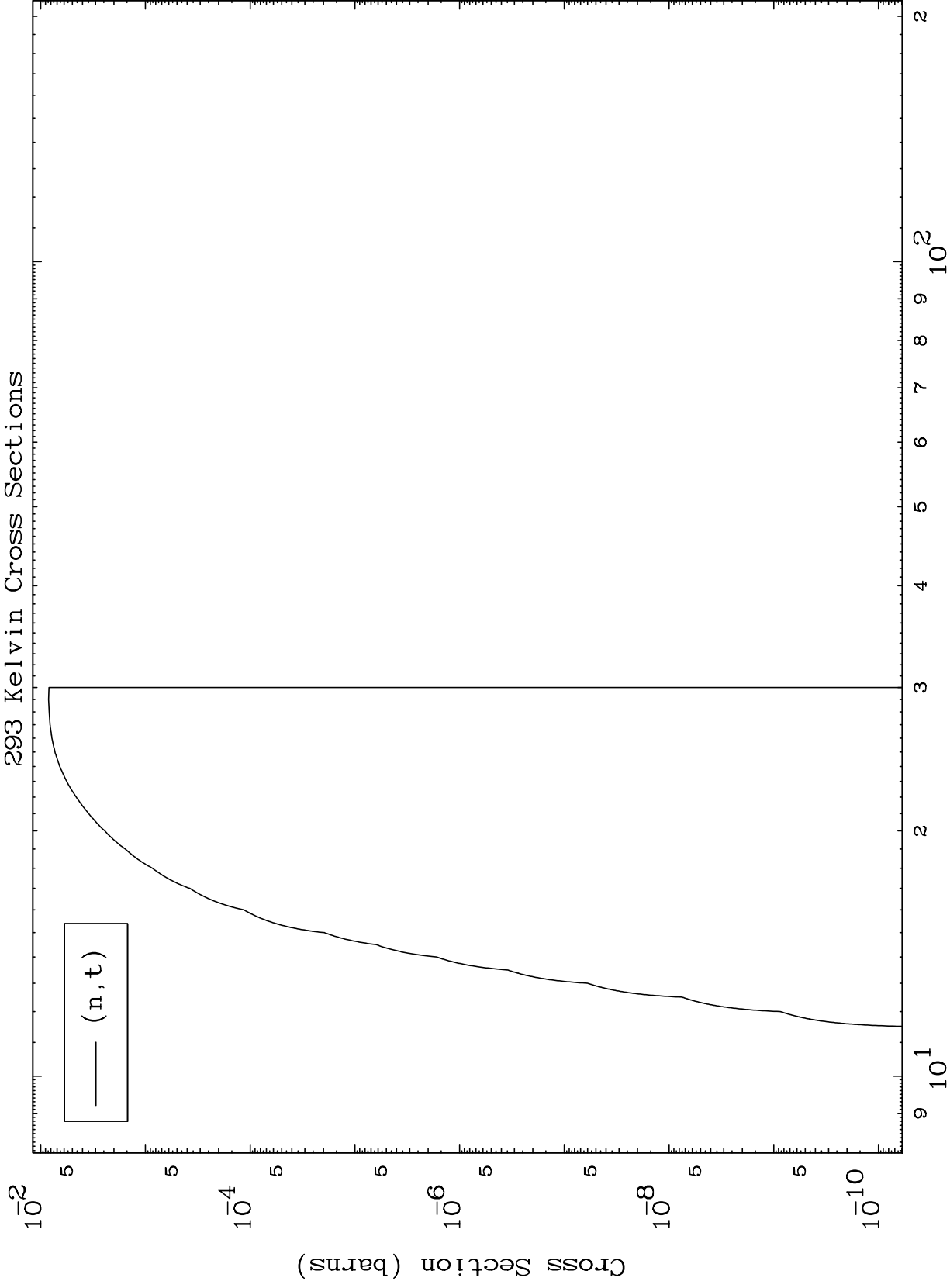
Incident Energy (MeV)

50-Sn-108

MAT 5013

(n,t) Levels  
293 Kelvin Cross Sections

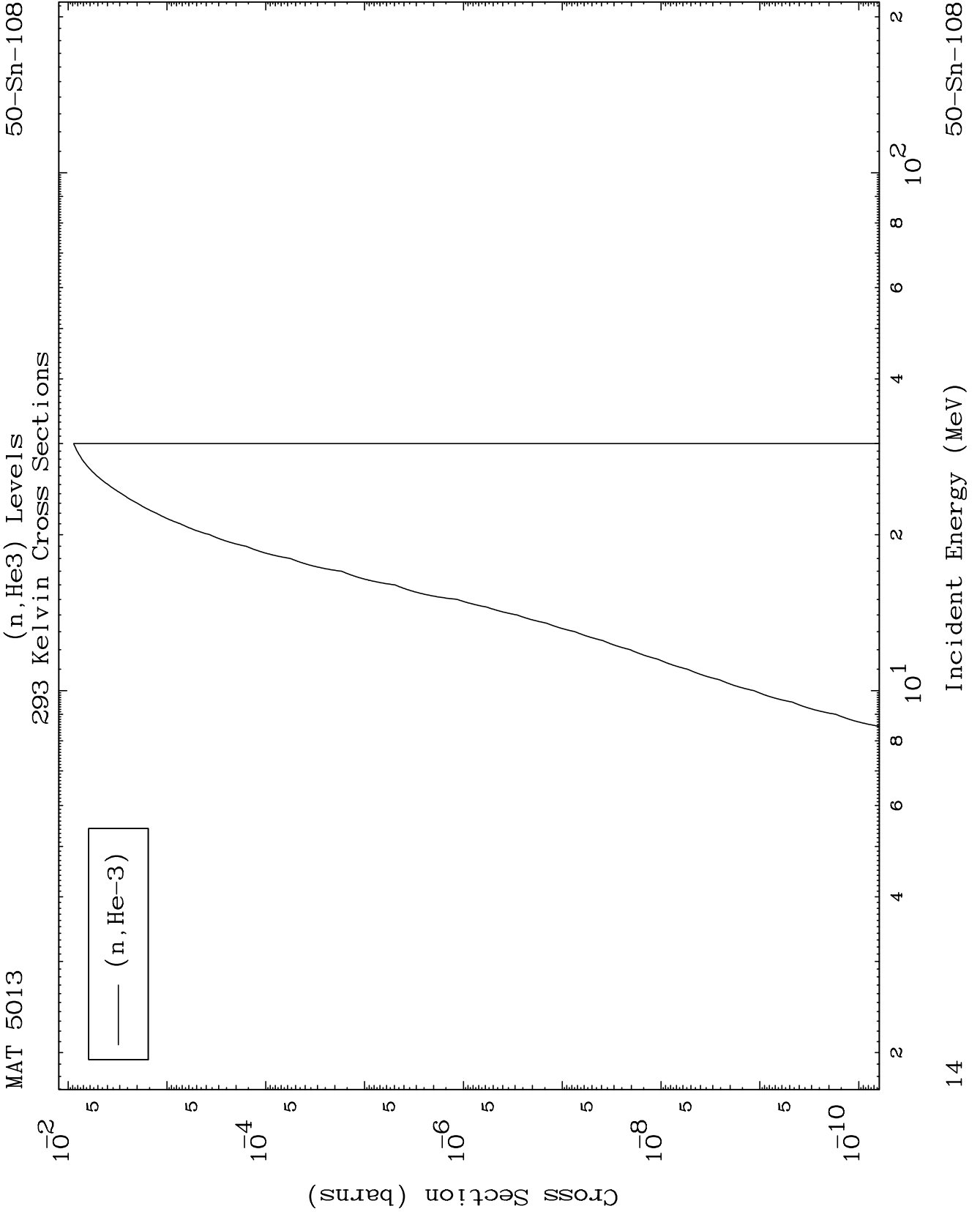
50-Sn-108



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Incident Energy (MeV)

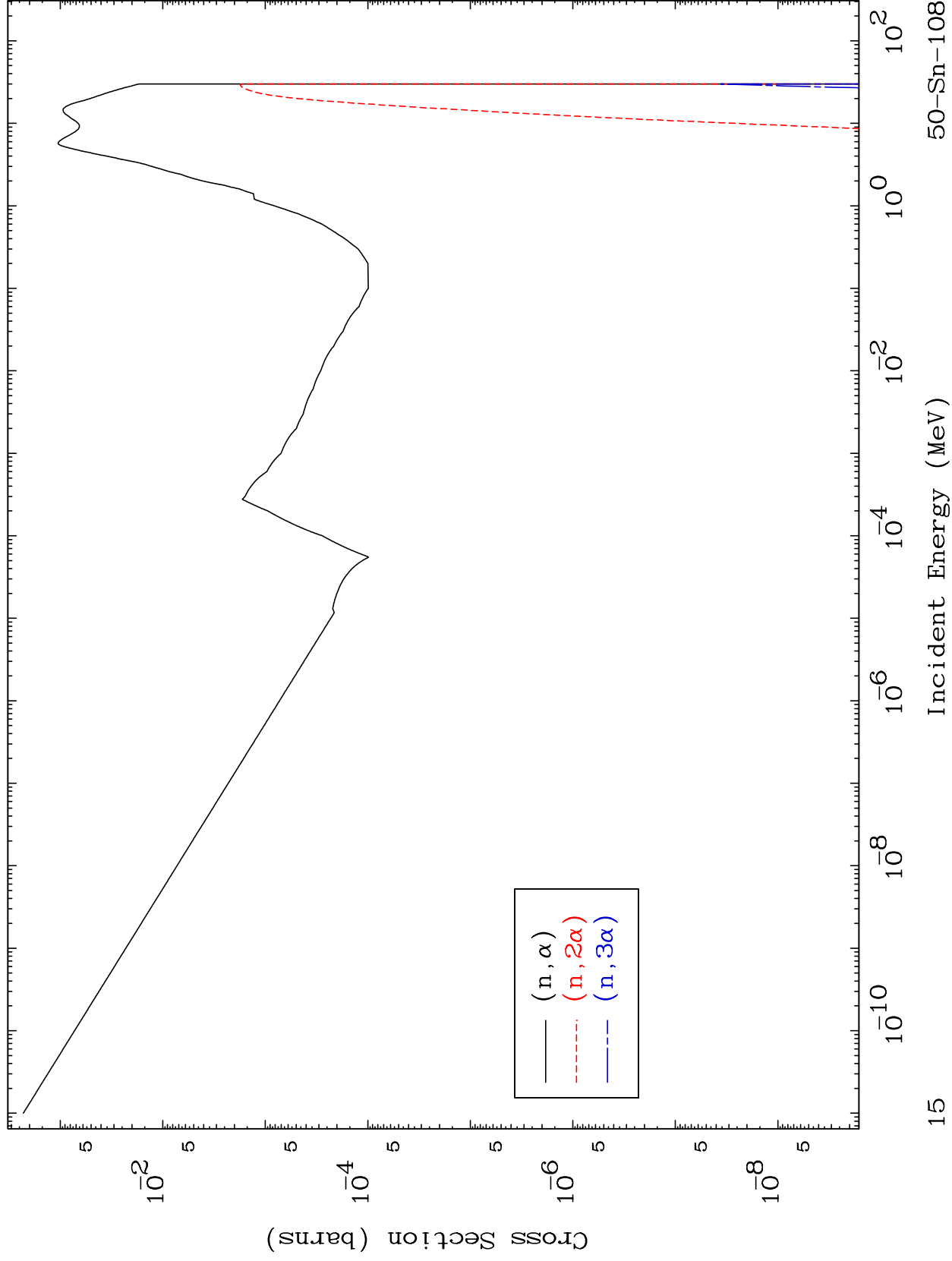
50-Sn-108



MAT 5013

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

50-Sn-108

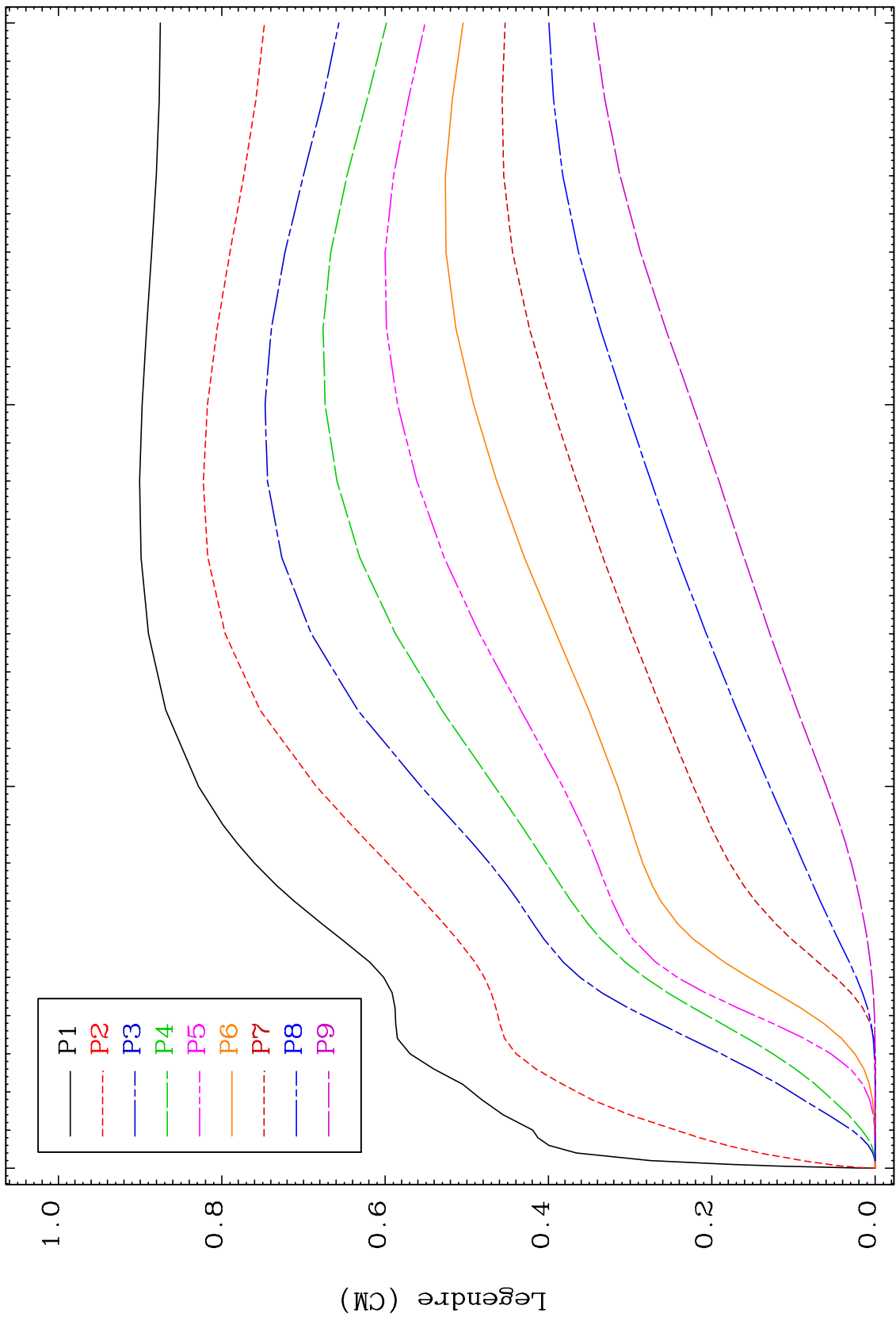




MAT 5013

Elastic Legendre Coefficients

50-Sn-108



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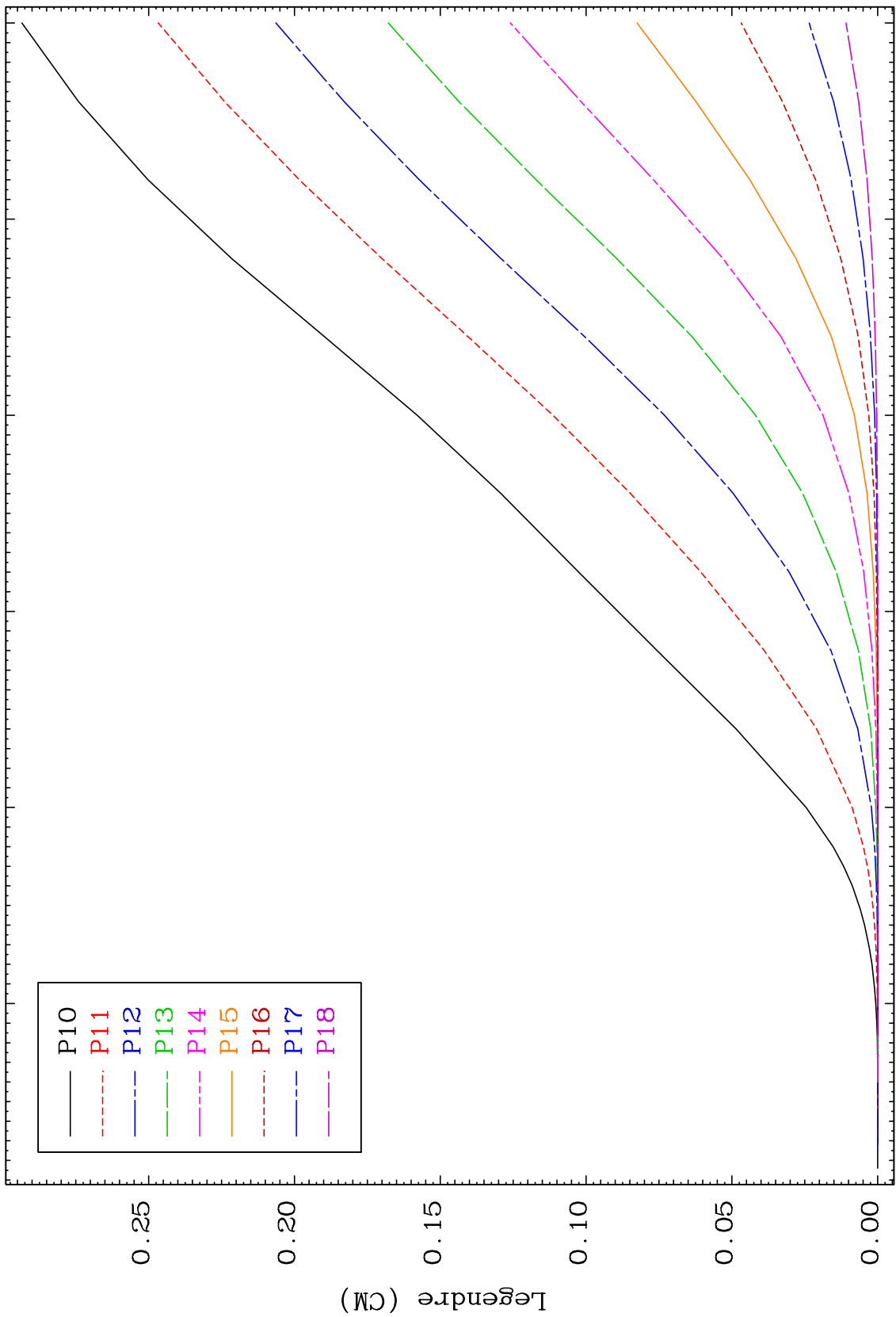
Incident Energy (MeV)

50-Sn-108

MAT 5013

Elastic Legendre Coefficients

50-Sn-108



17

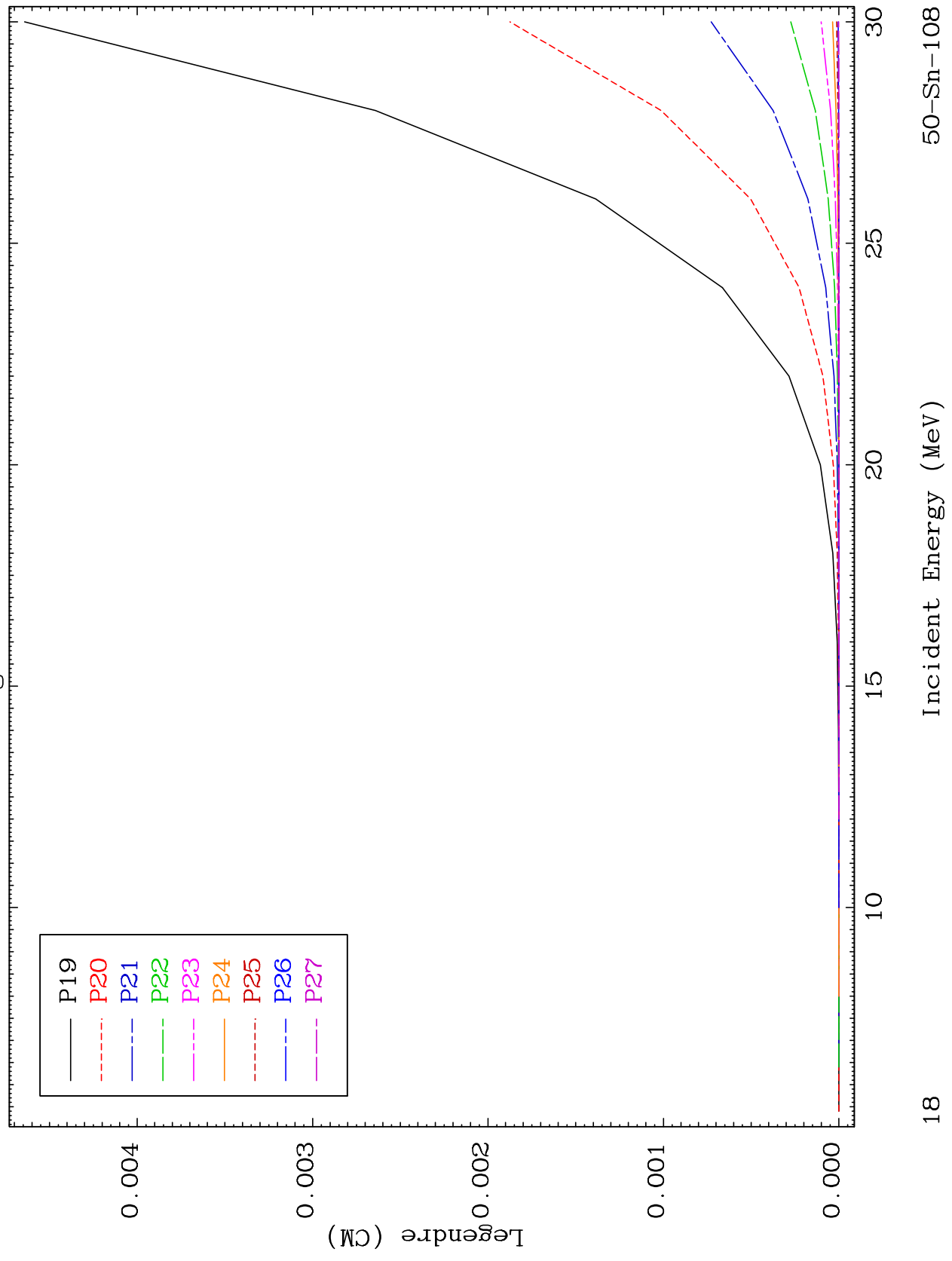
50-Sn-108

Incident Energy (MeV)

MAT 5013

### Elastic Legendre Coefficients

50-Sn-108



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50-Sn-108

MAT 5013

Elastic Legendre Coefficients

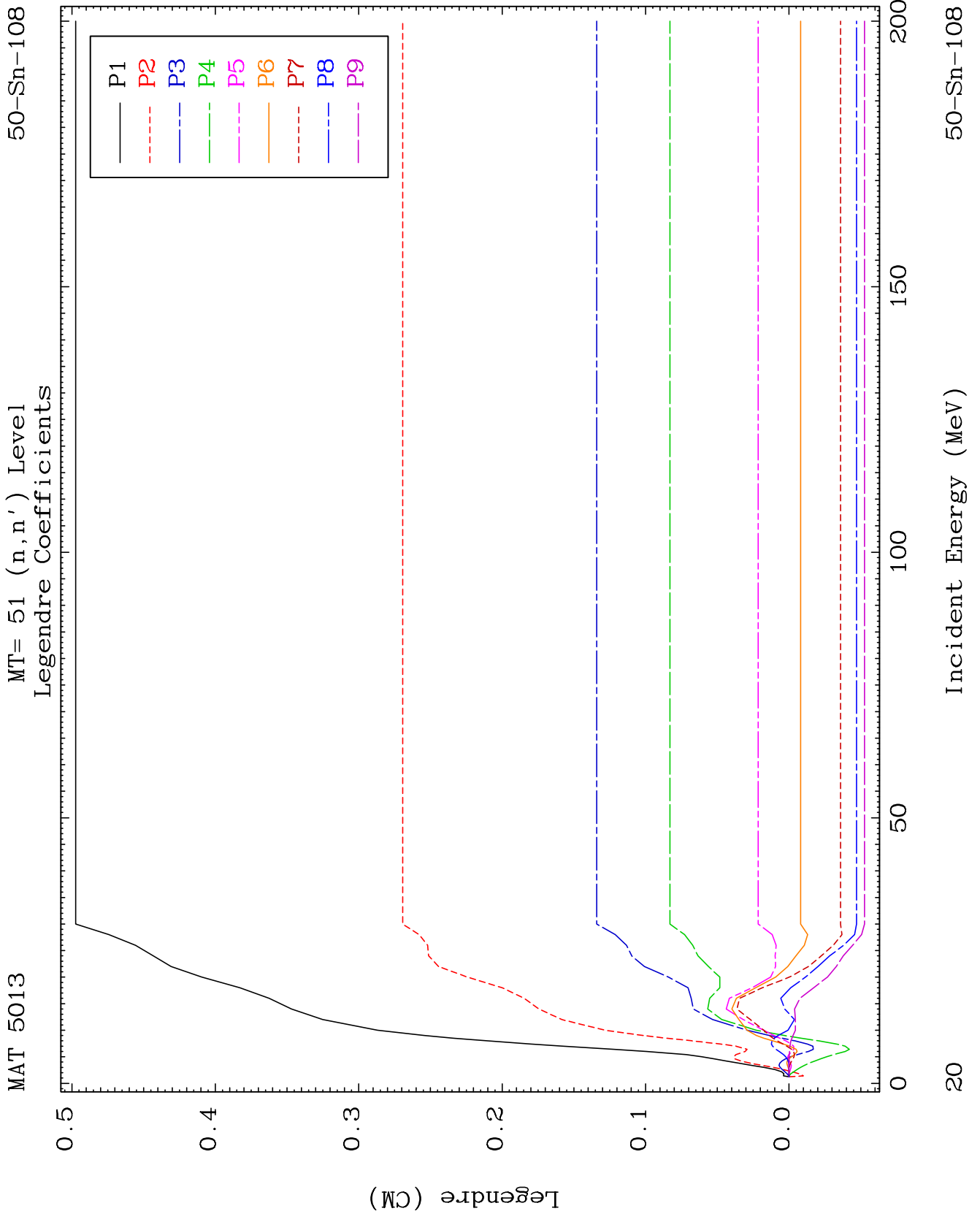
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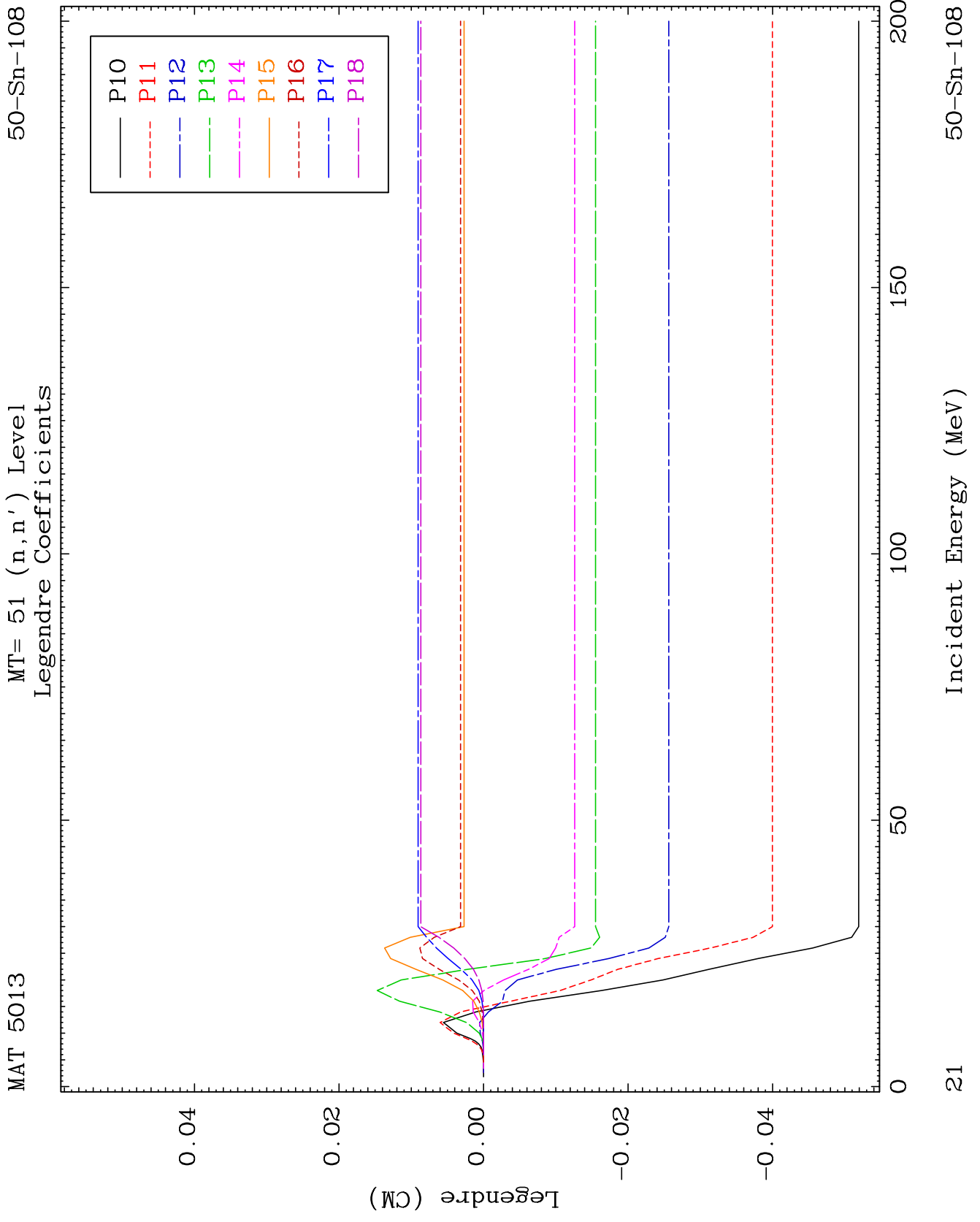


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Incident Energy (MeV)

50-Sn-108

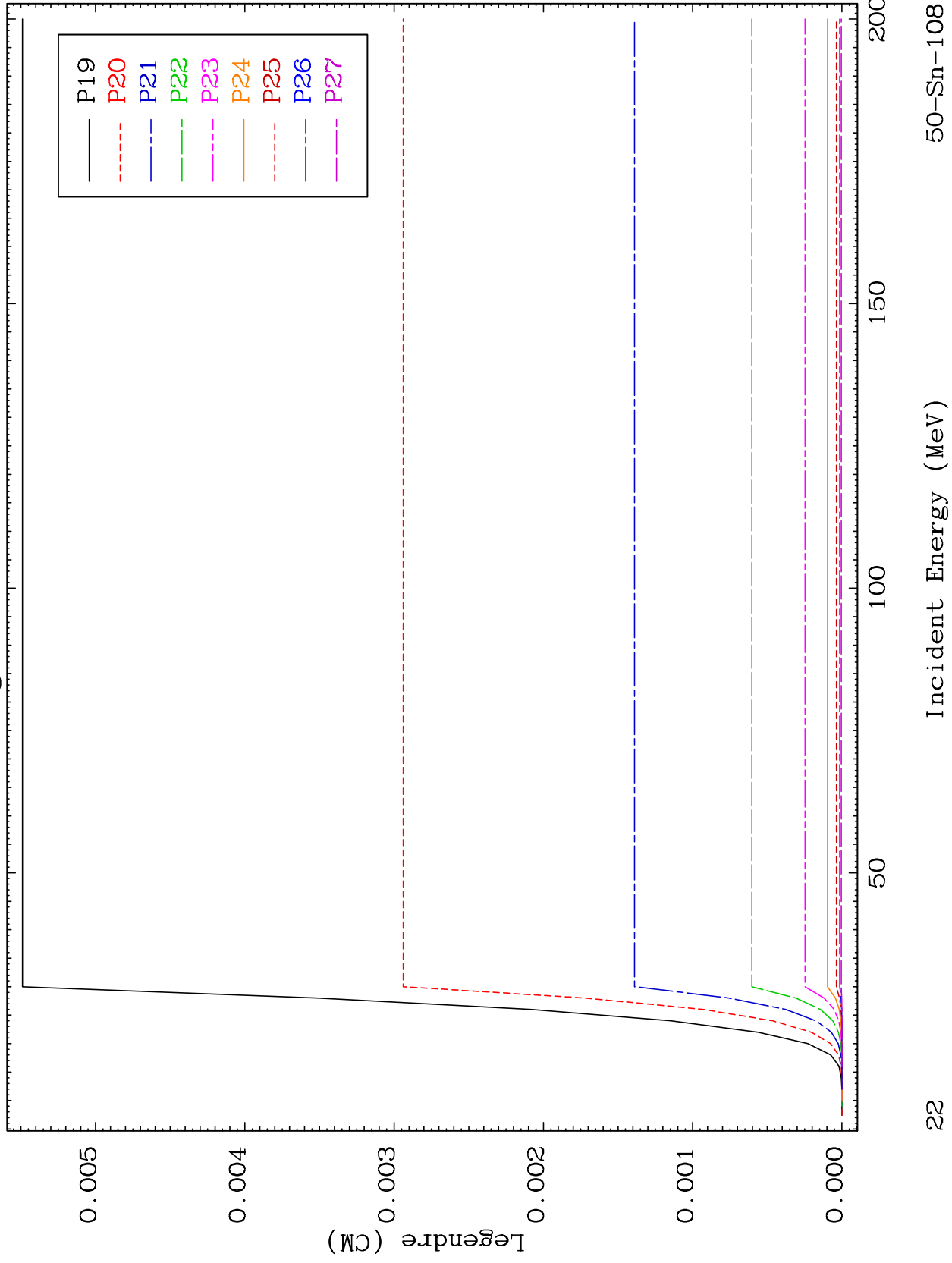




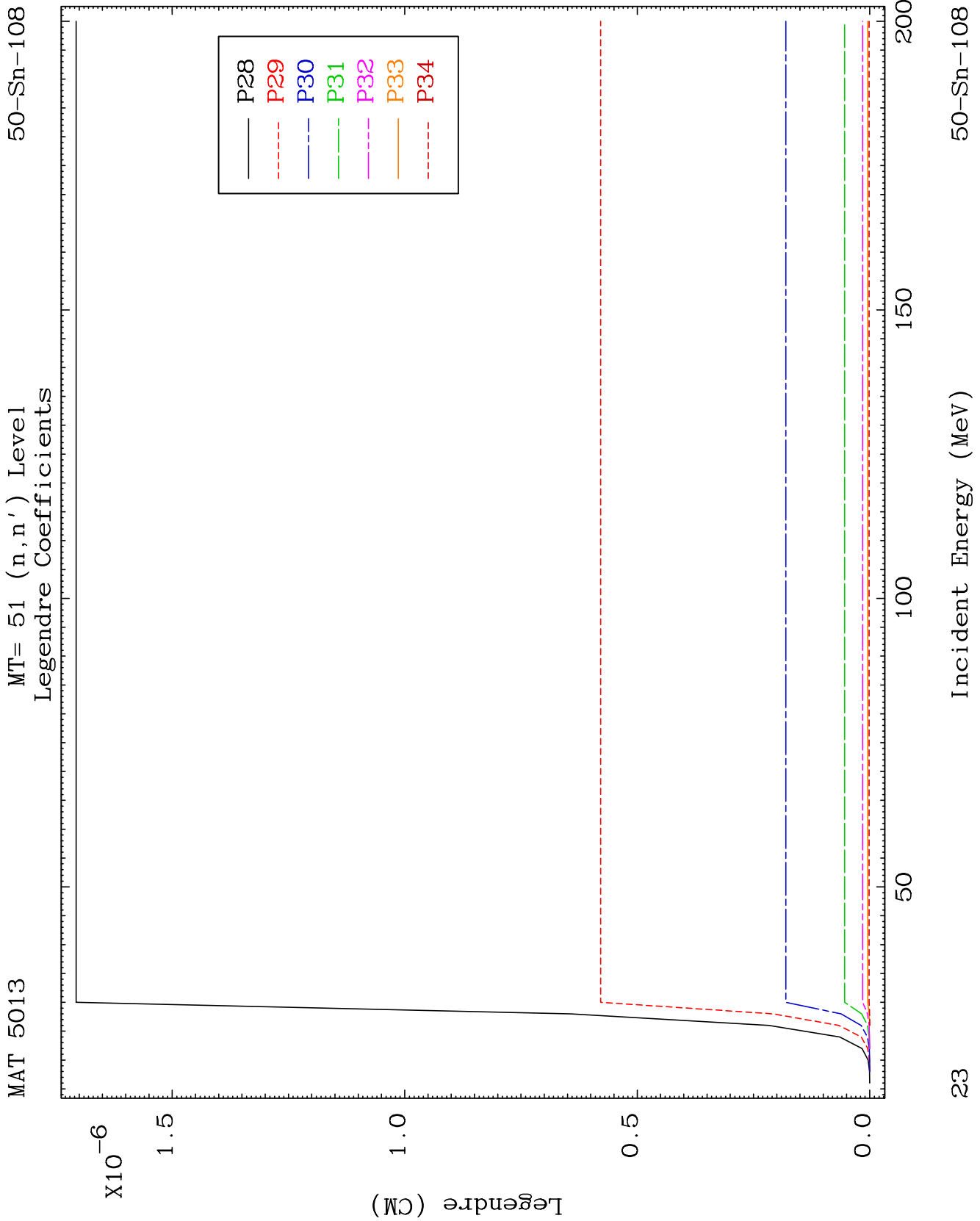
MAT 5013

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

50-Sn-108



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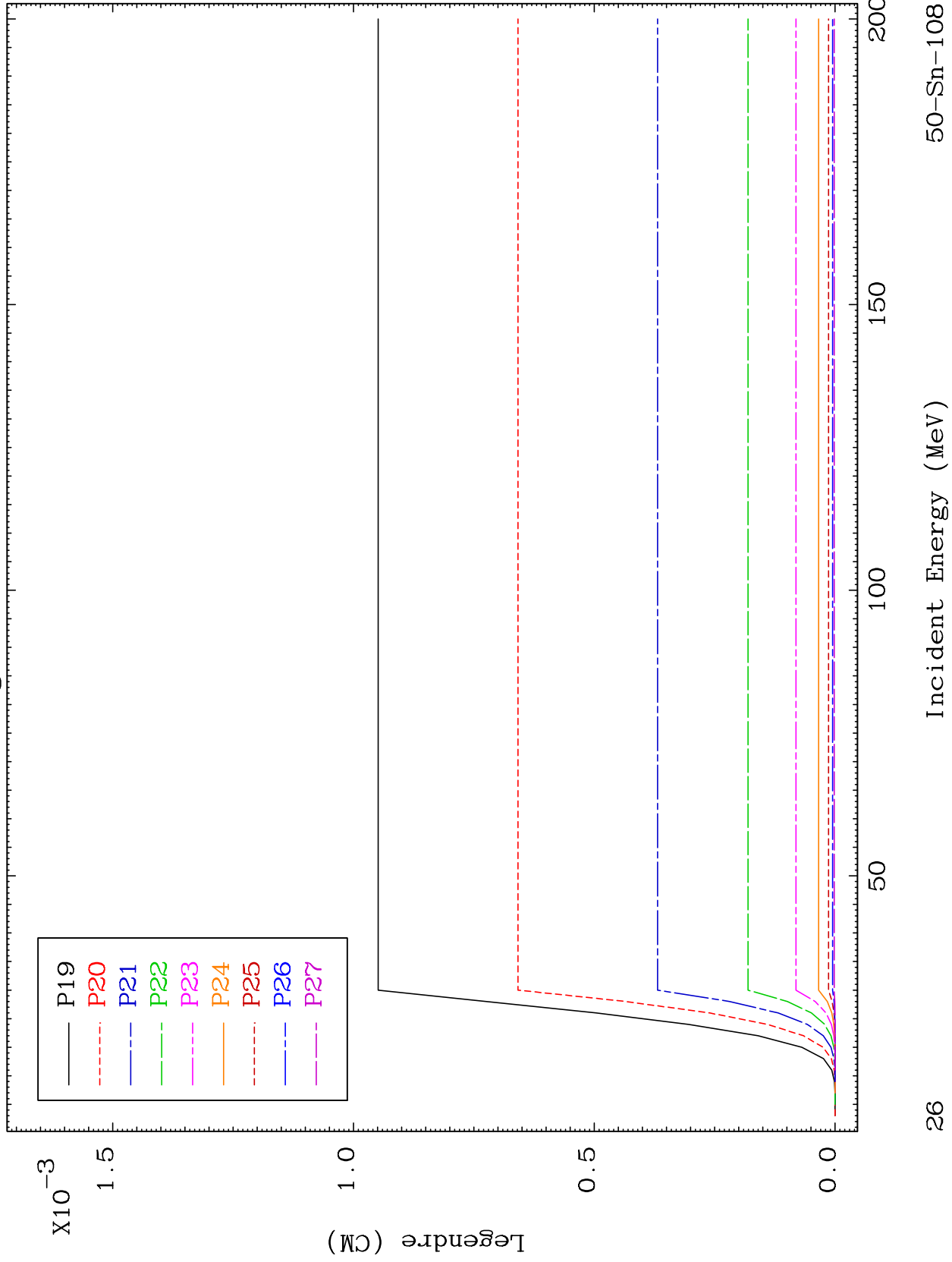




MAT 5013

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

50-Sn-108



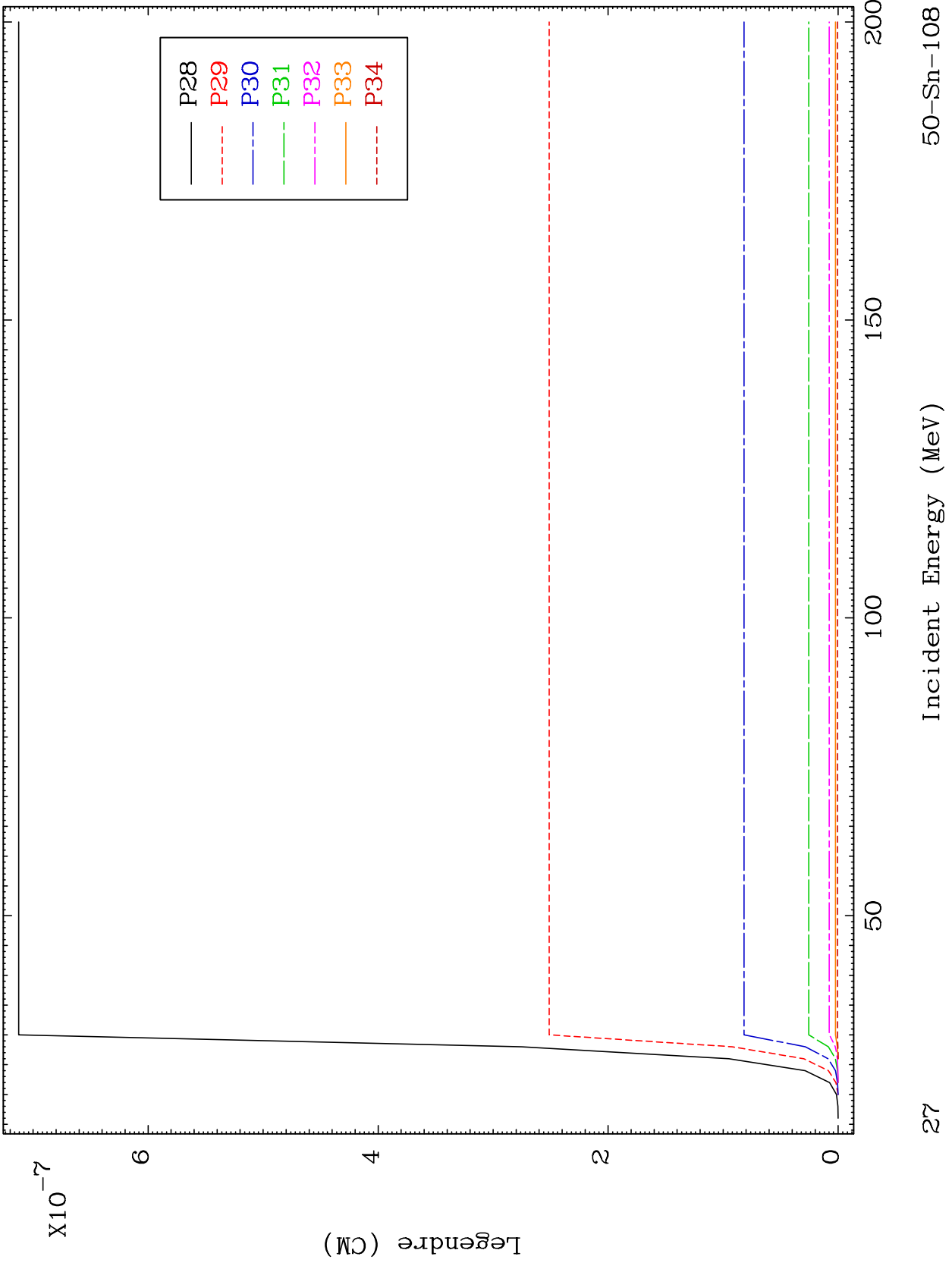
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50-Sn-108

MAT 5013

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

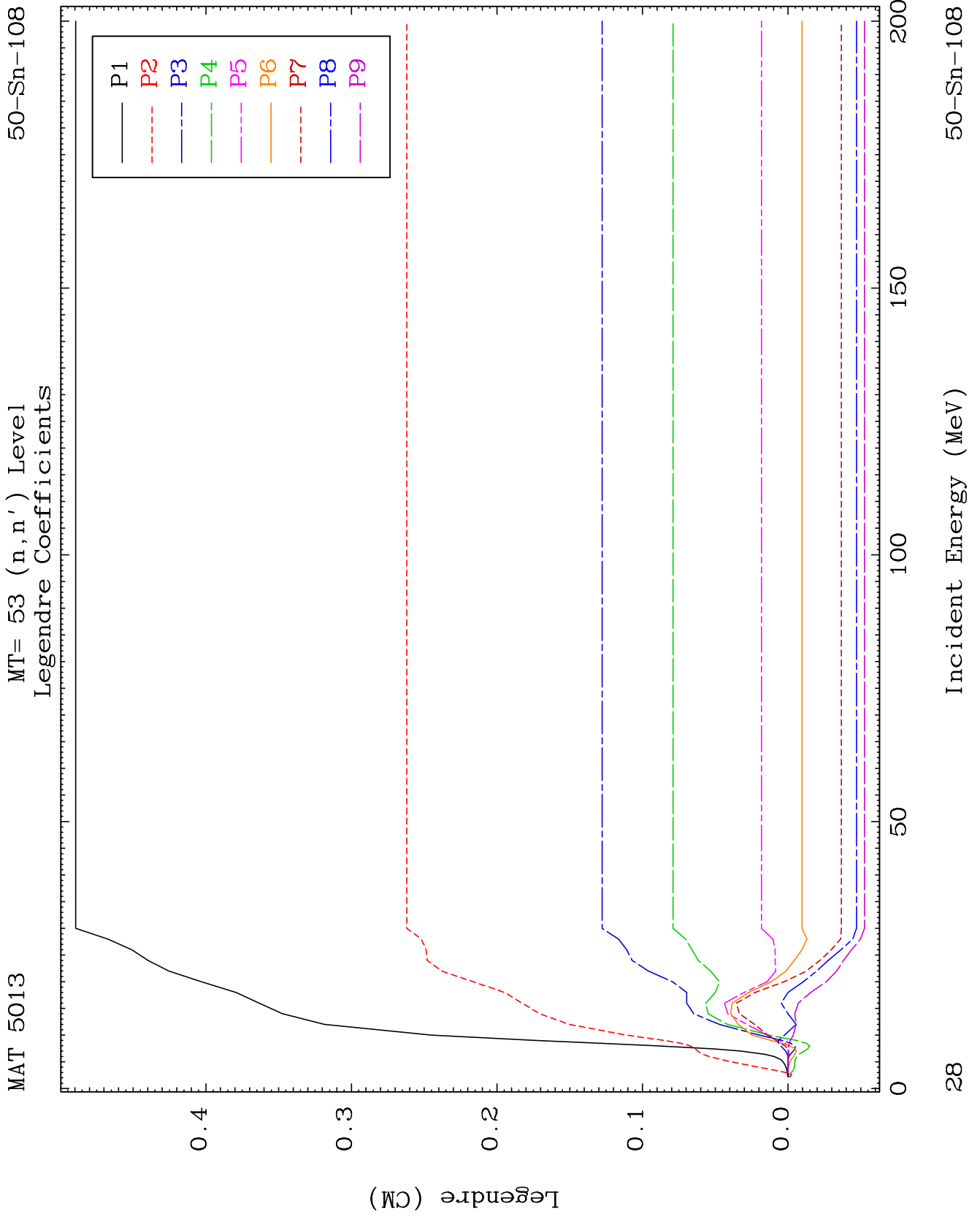
50-Sn-108



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Incident Energy (MeV)

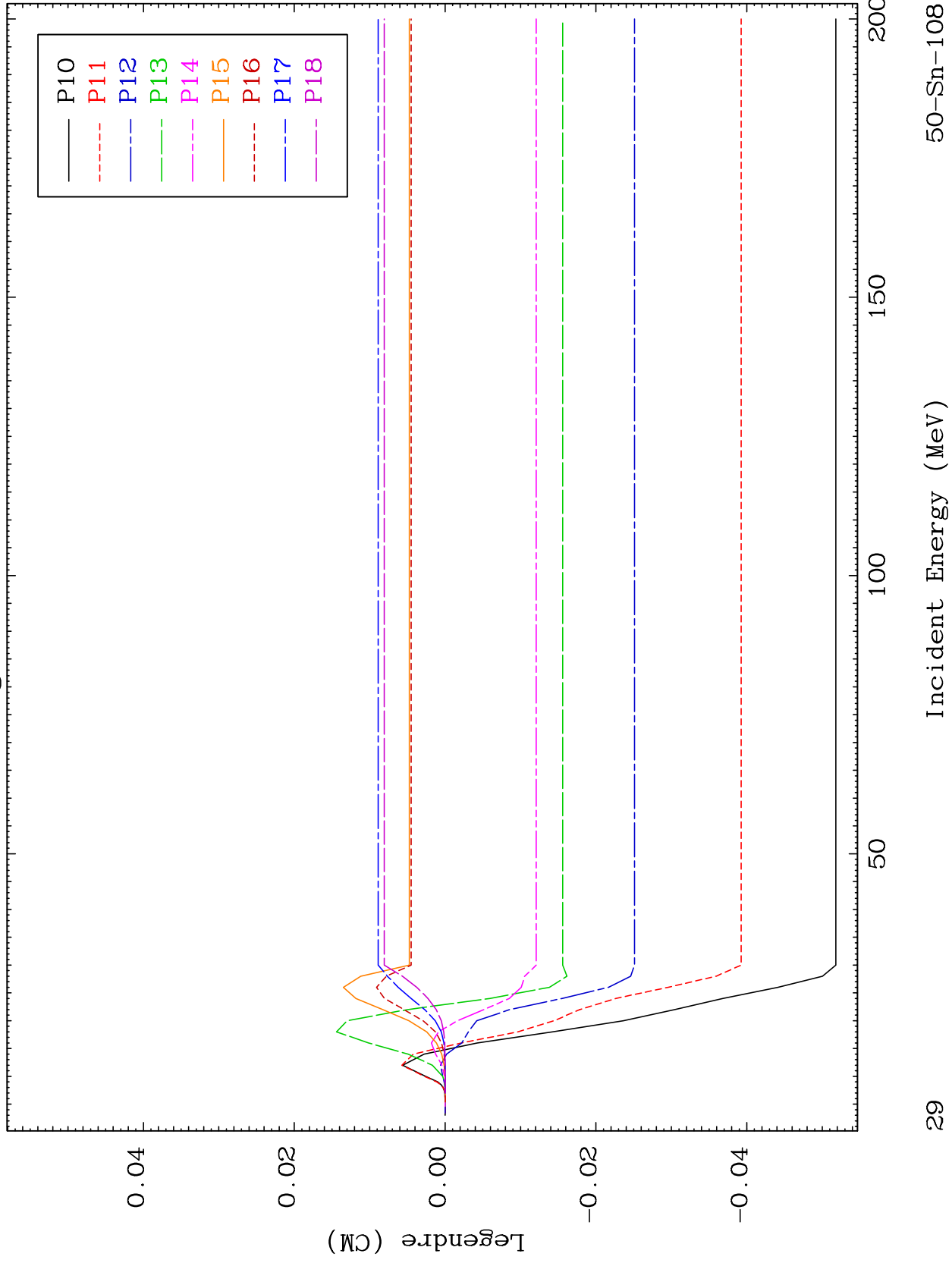
50-Sn-108



MAT 5013

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

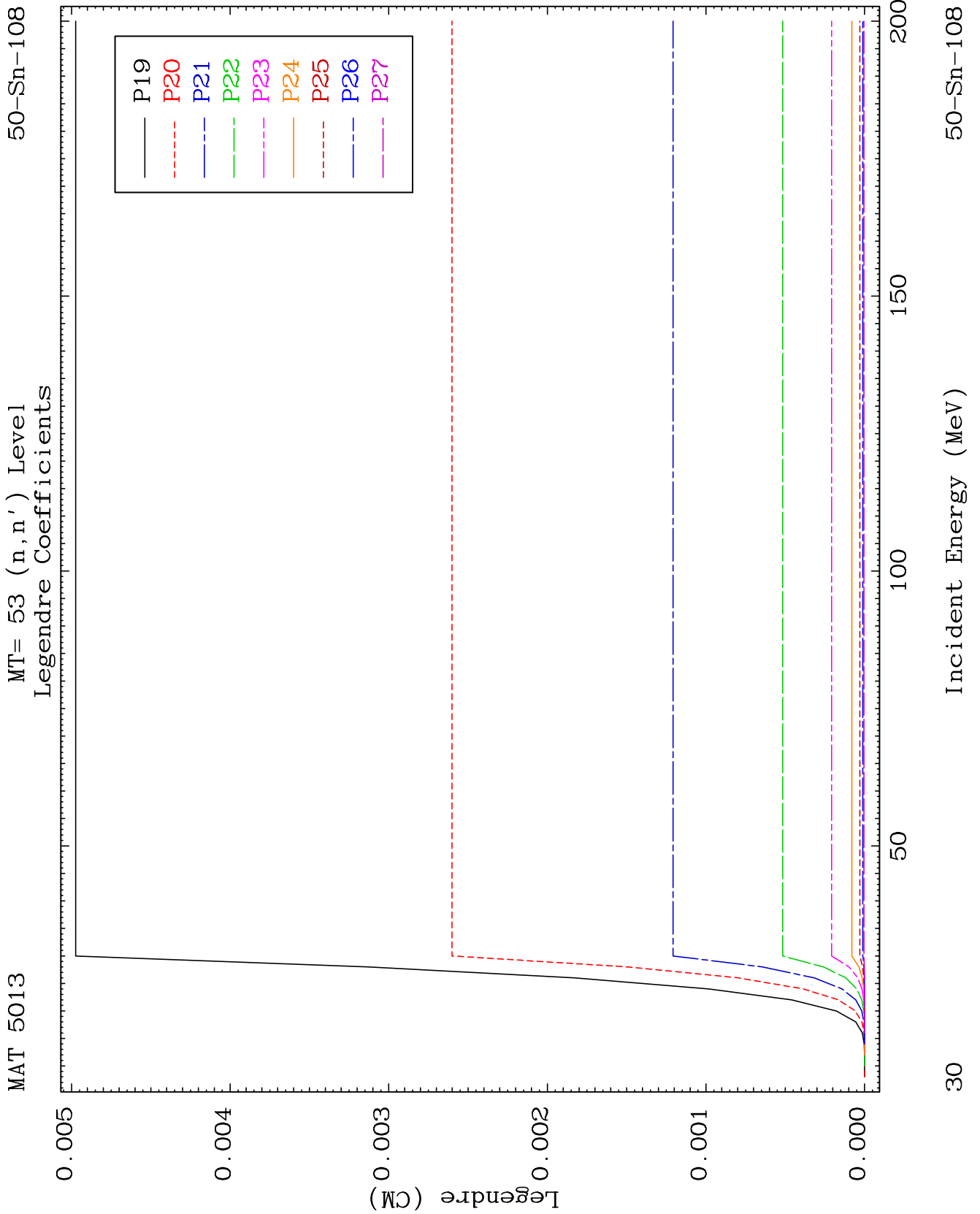
50-Sn-108

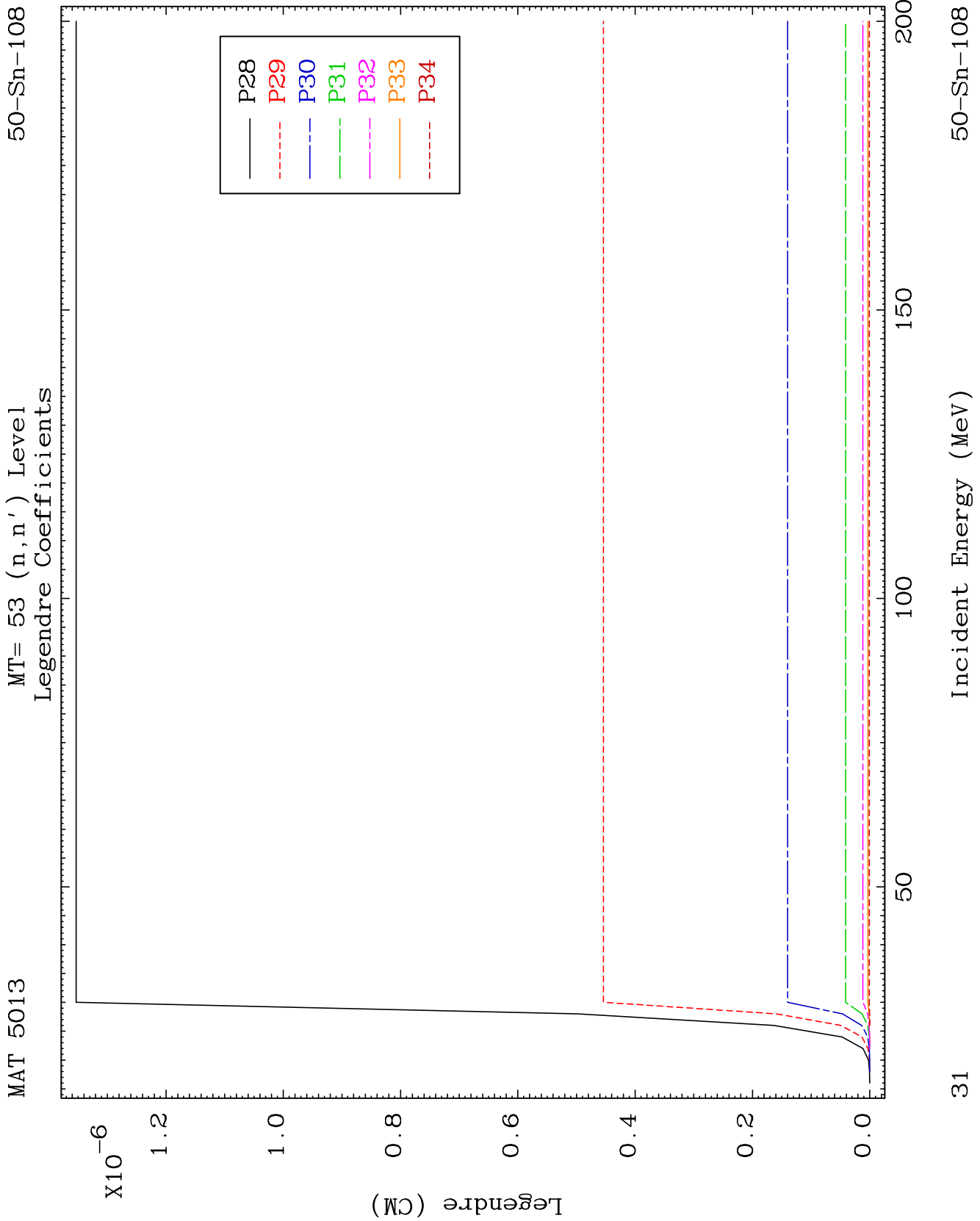


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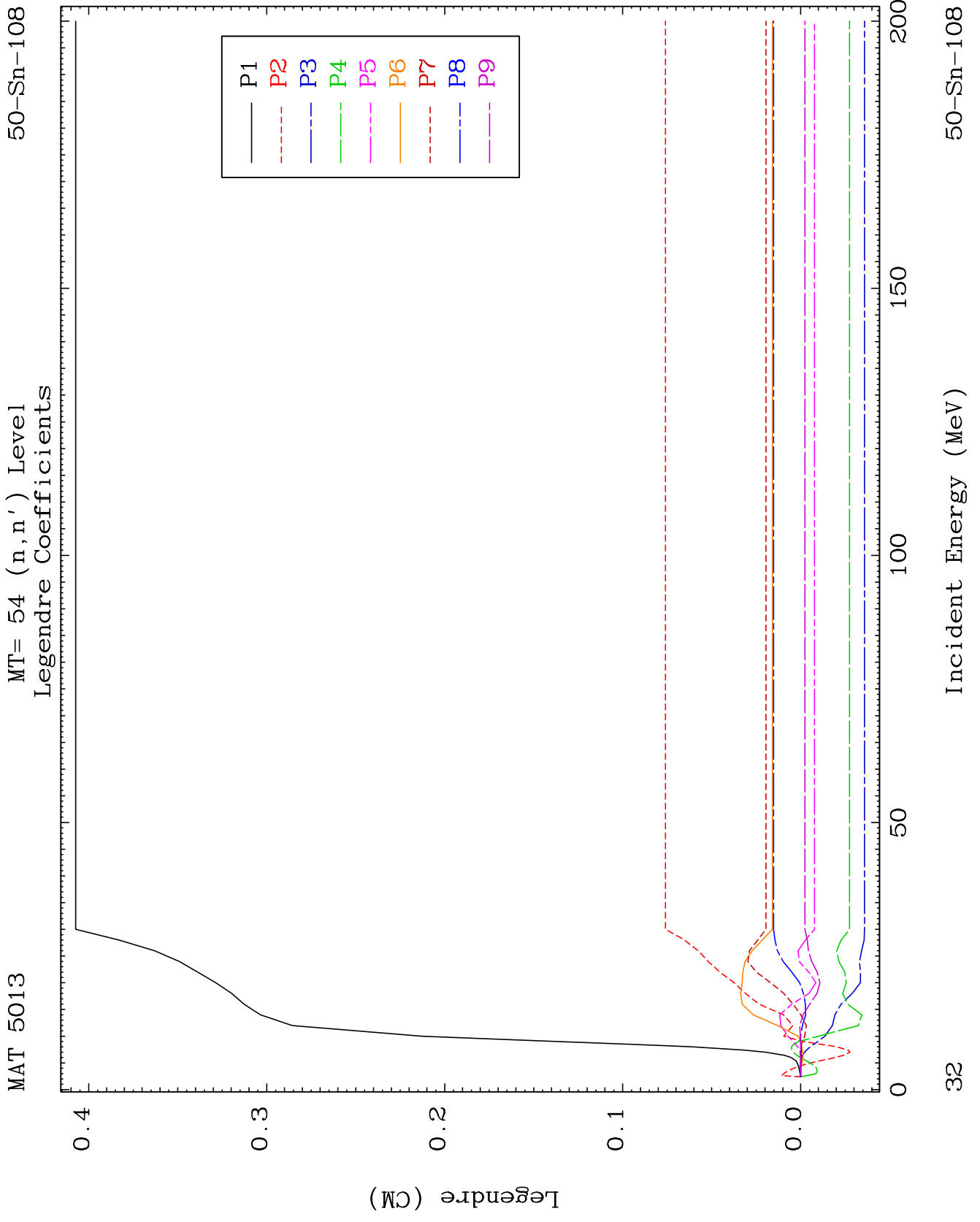
Incident Energy (MeV)

50-Sn-108





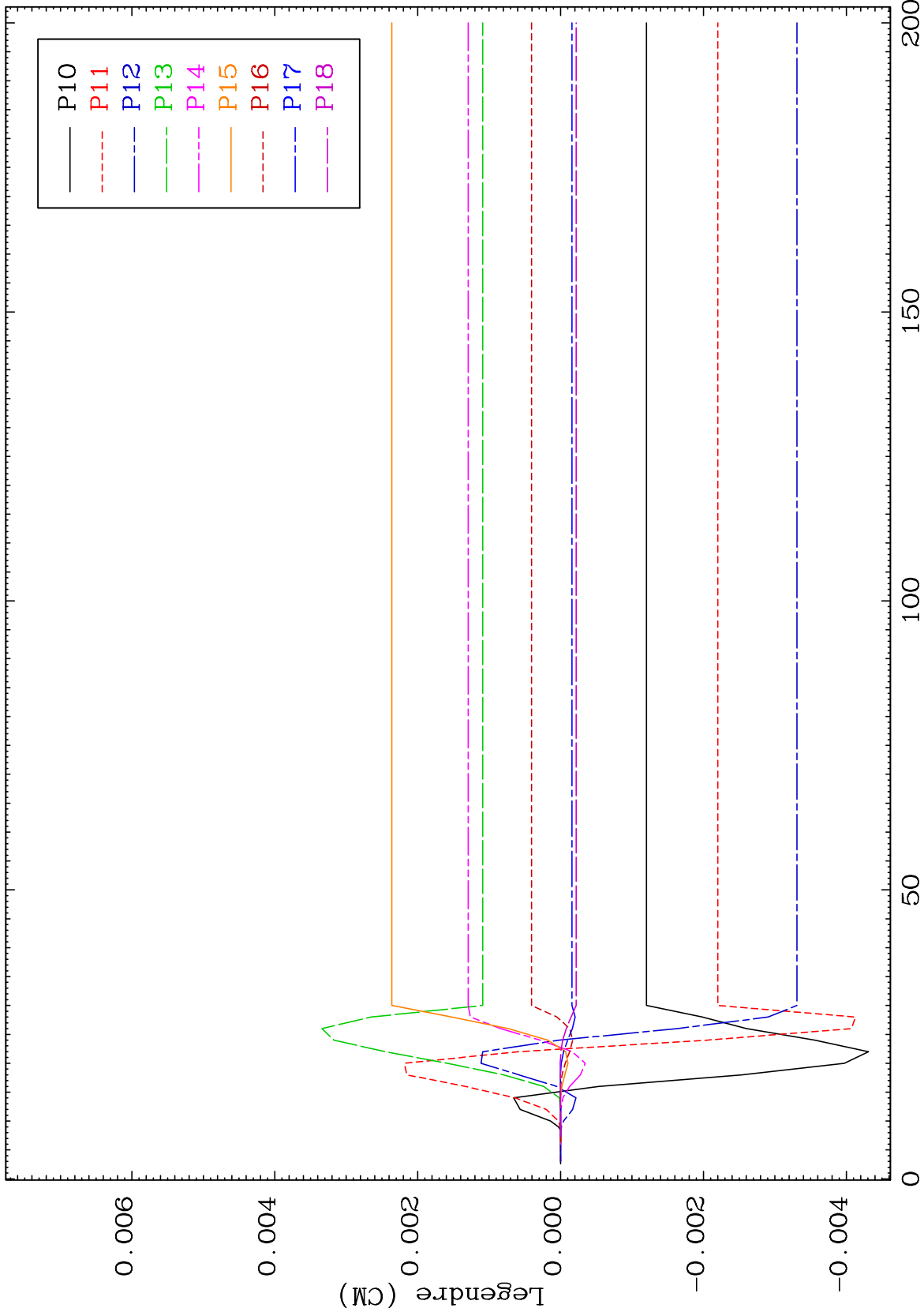




MAT 5013

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

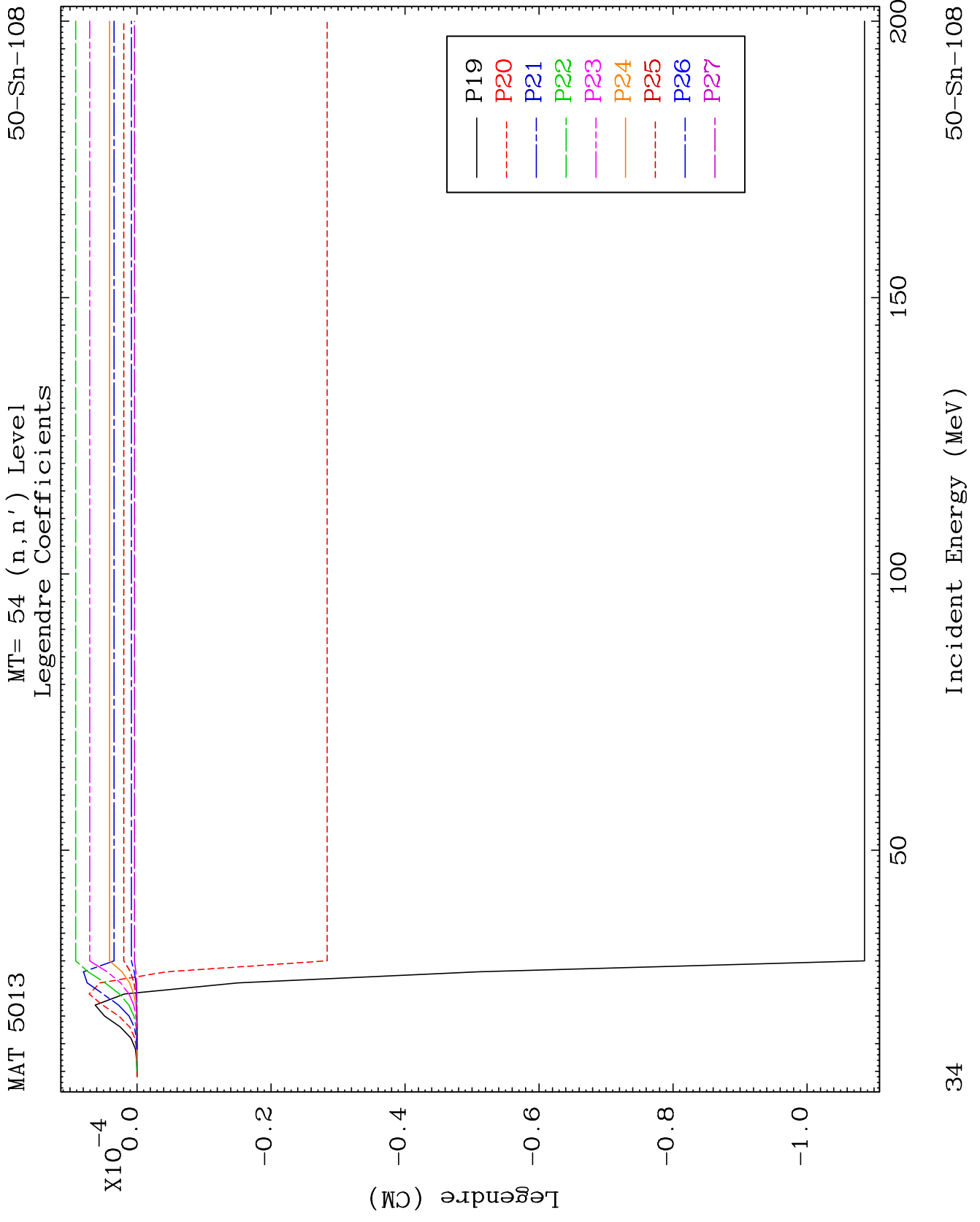
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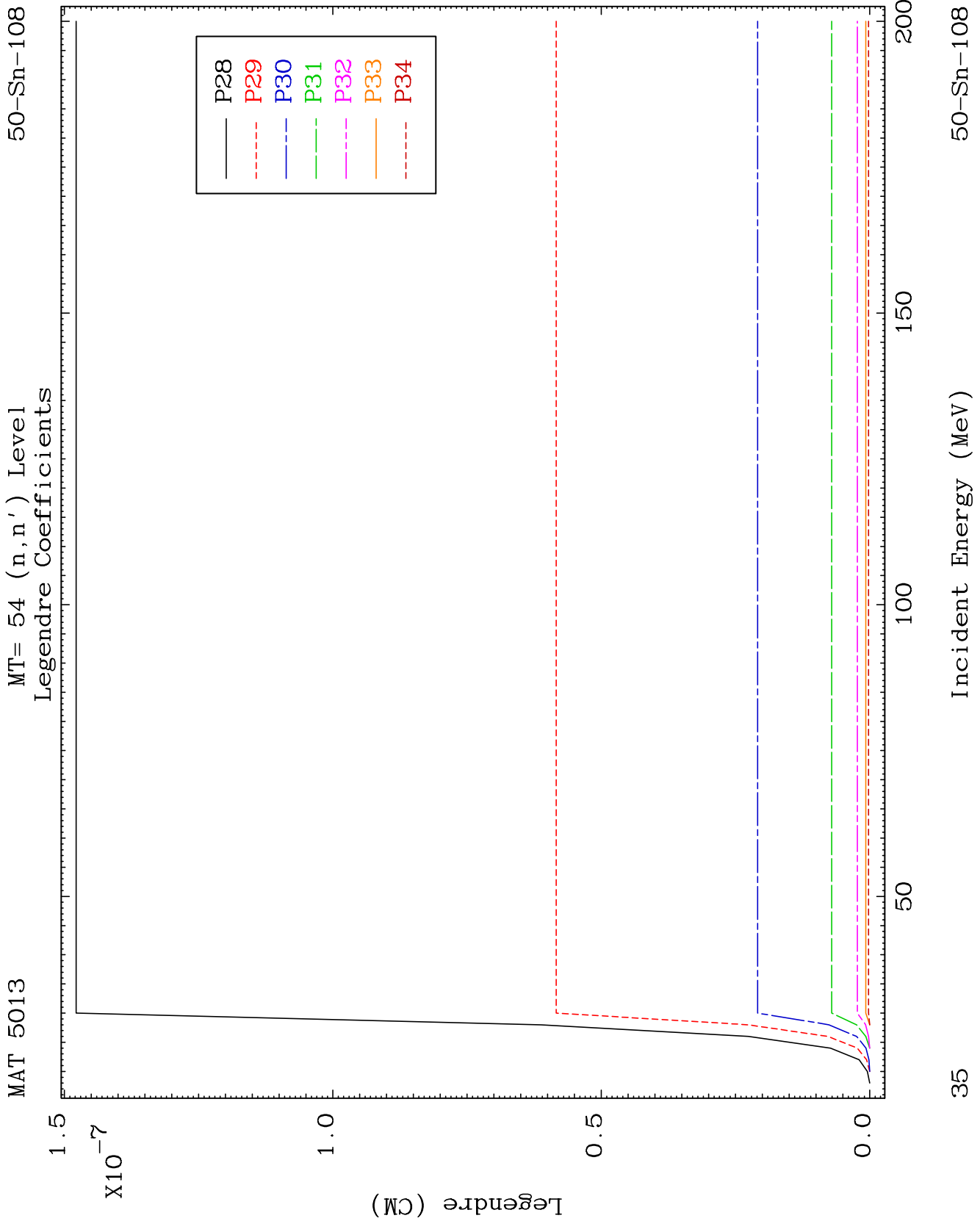


33

Incident Energy (MeV)

50-Sn-108

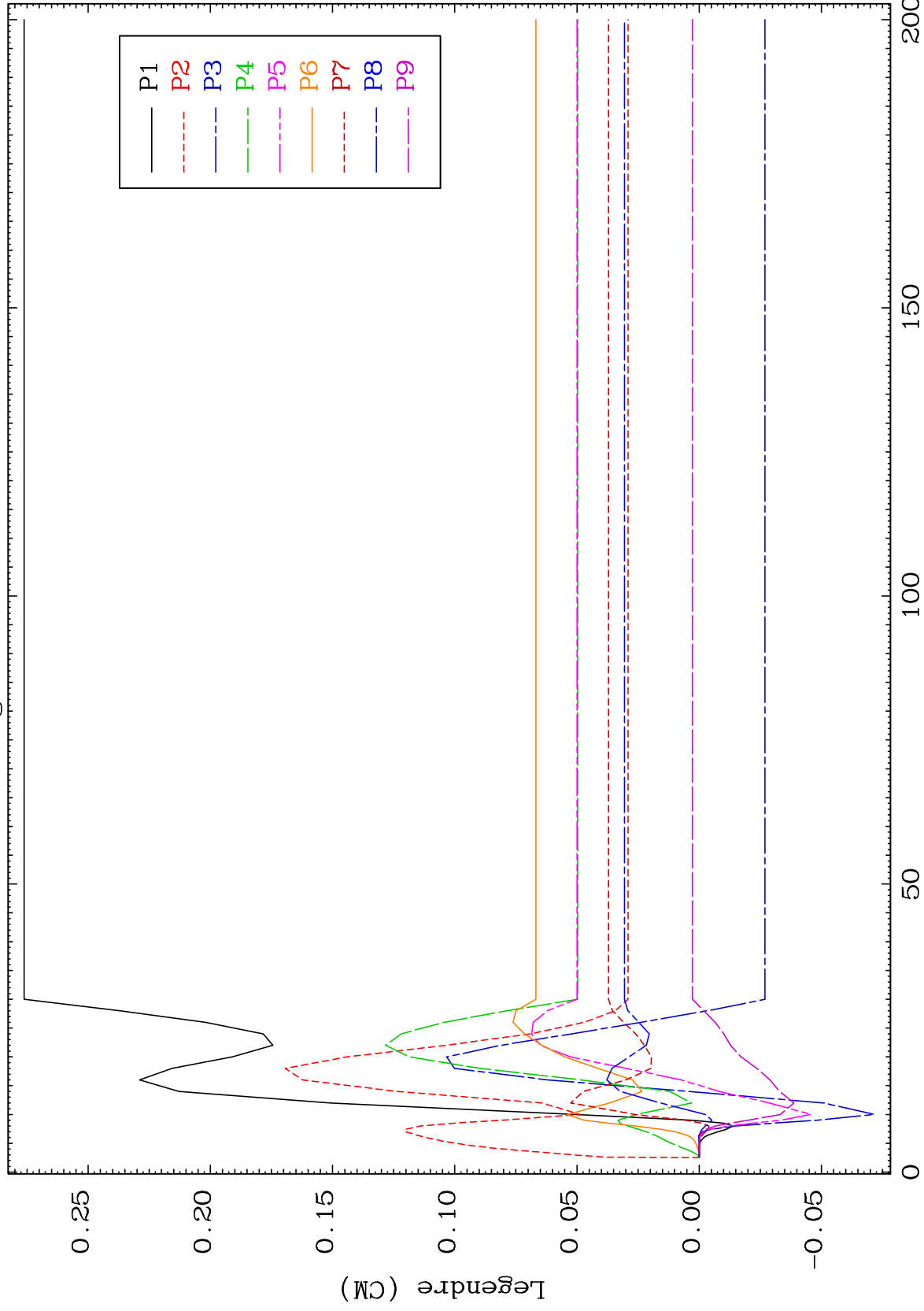




MAT 5013

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

50-Sn-108



36

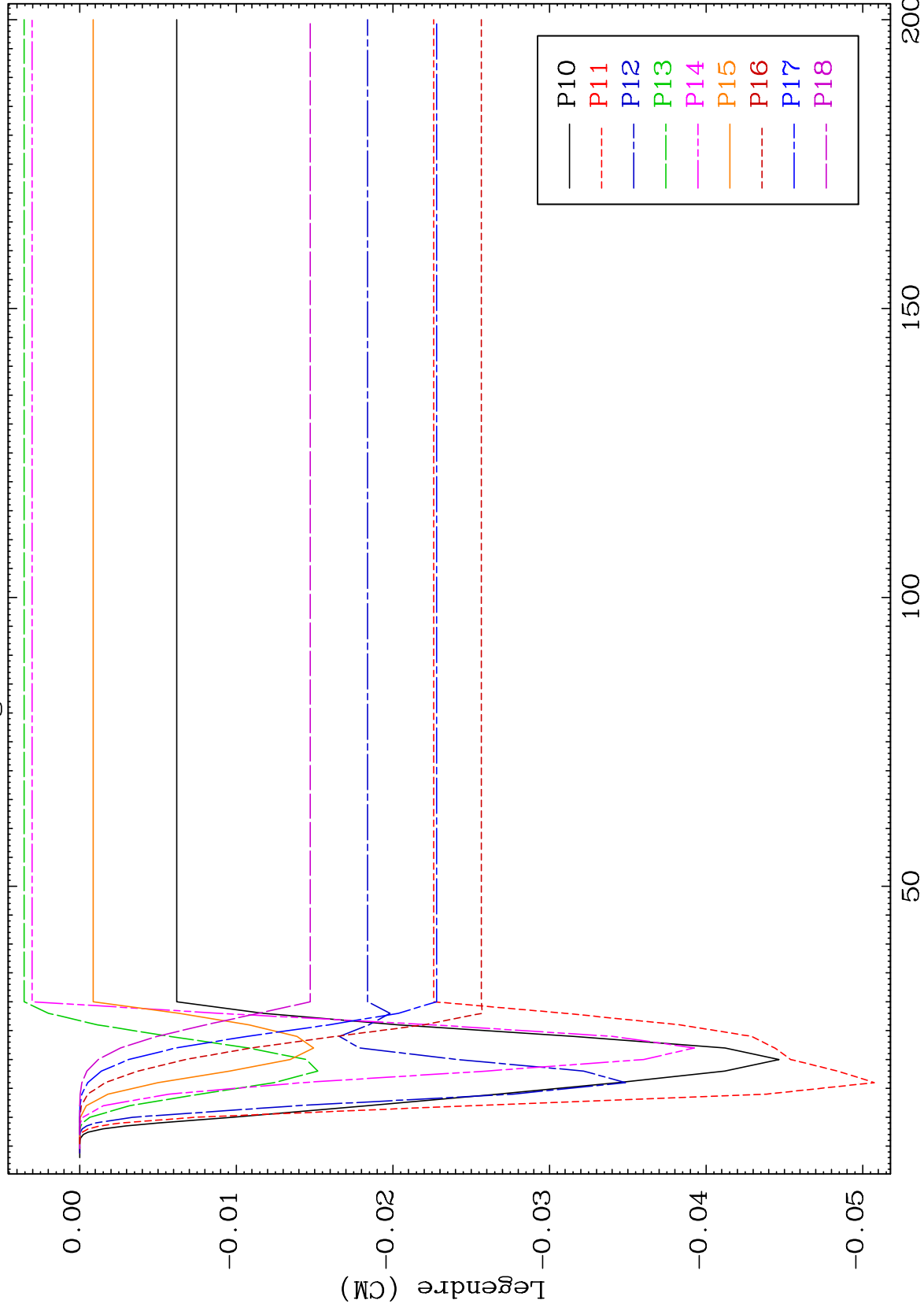
Incident Energy (MeV)

50-Sn-108

MAT 5013

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

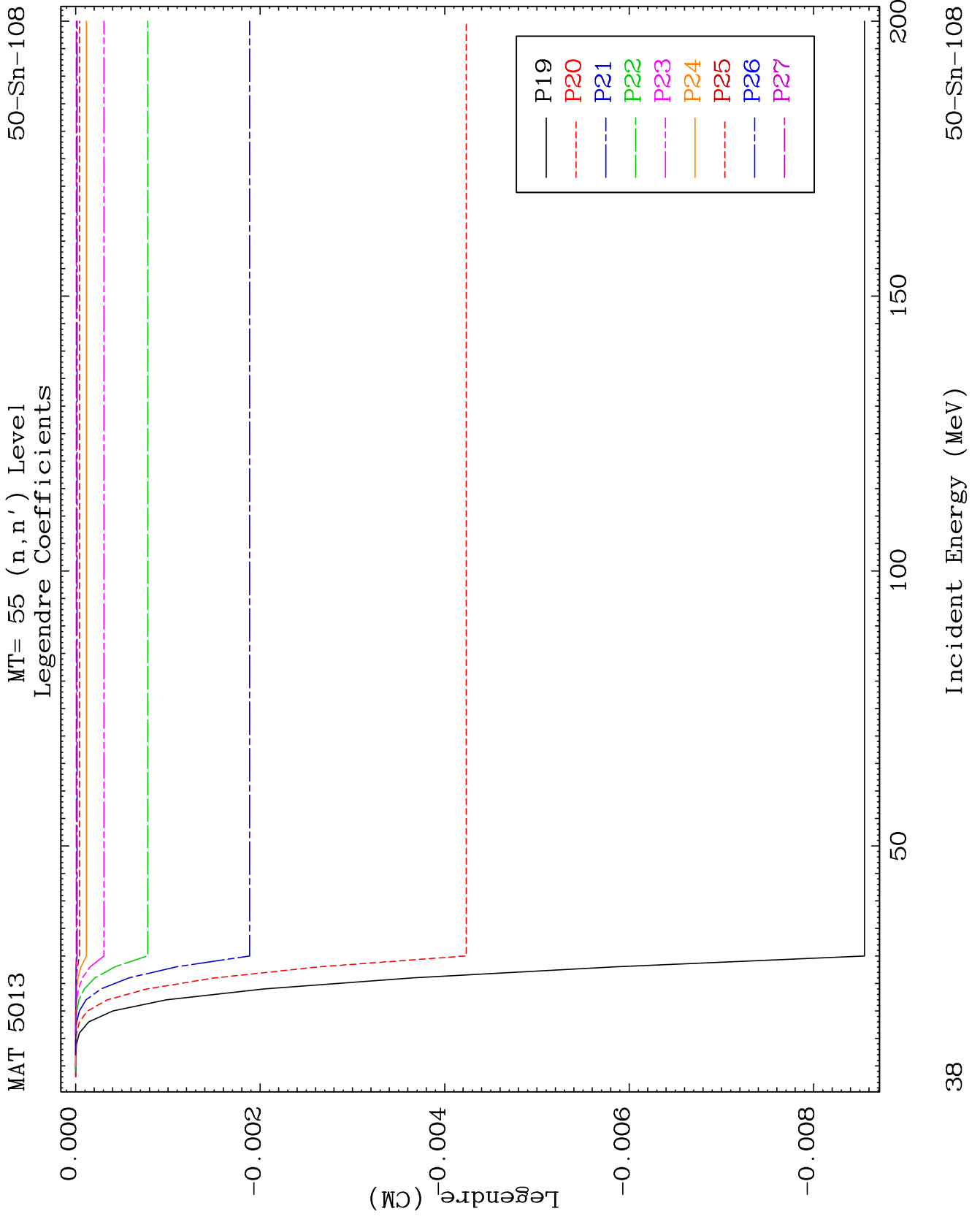
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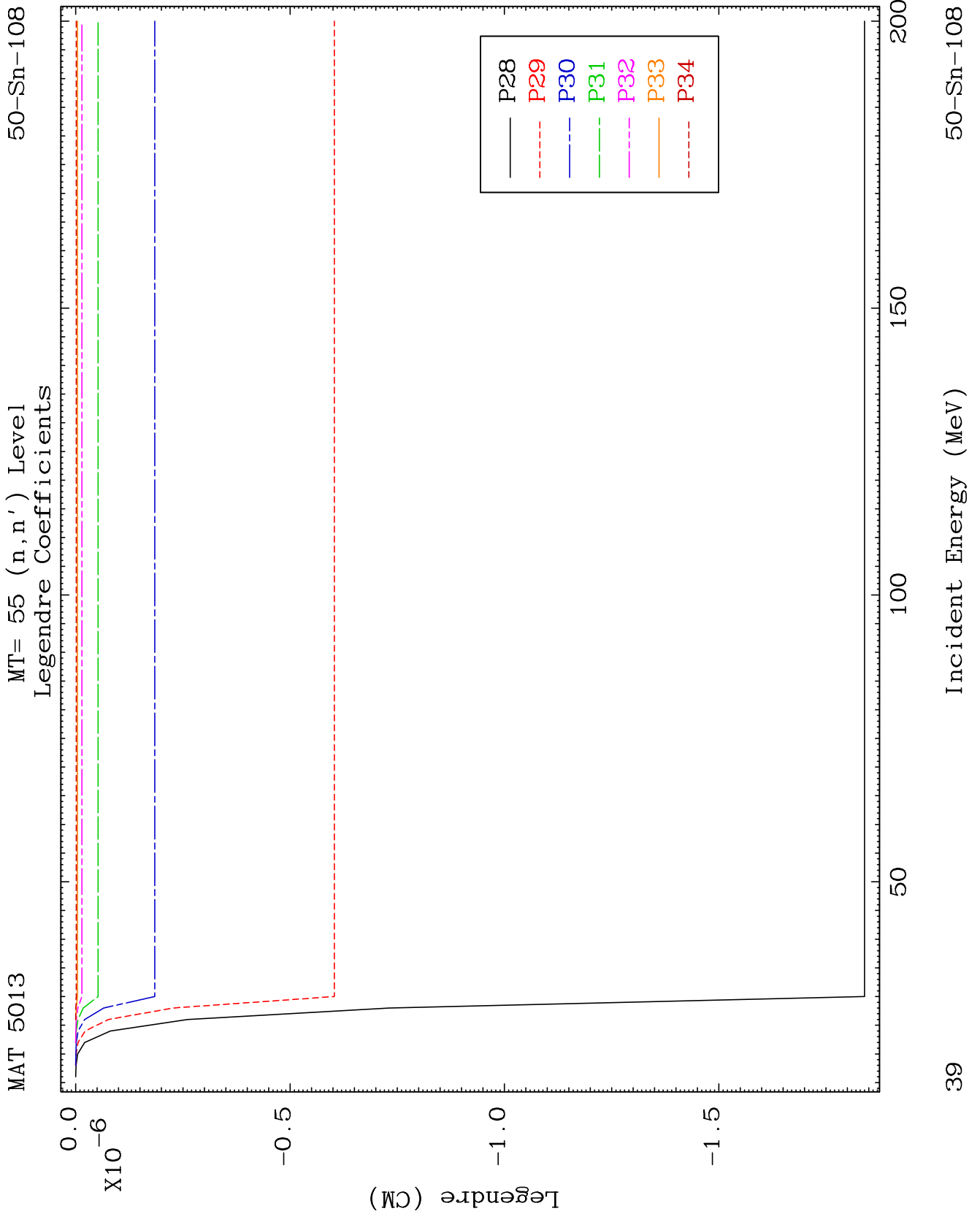


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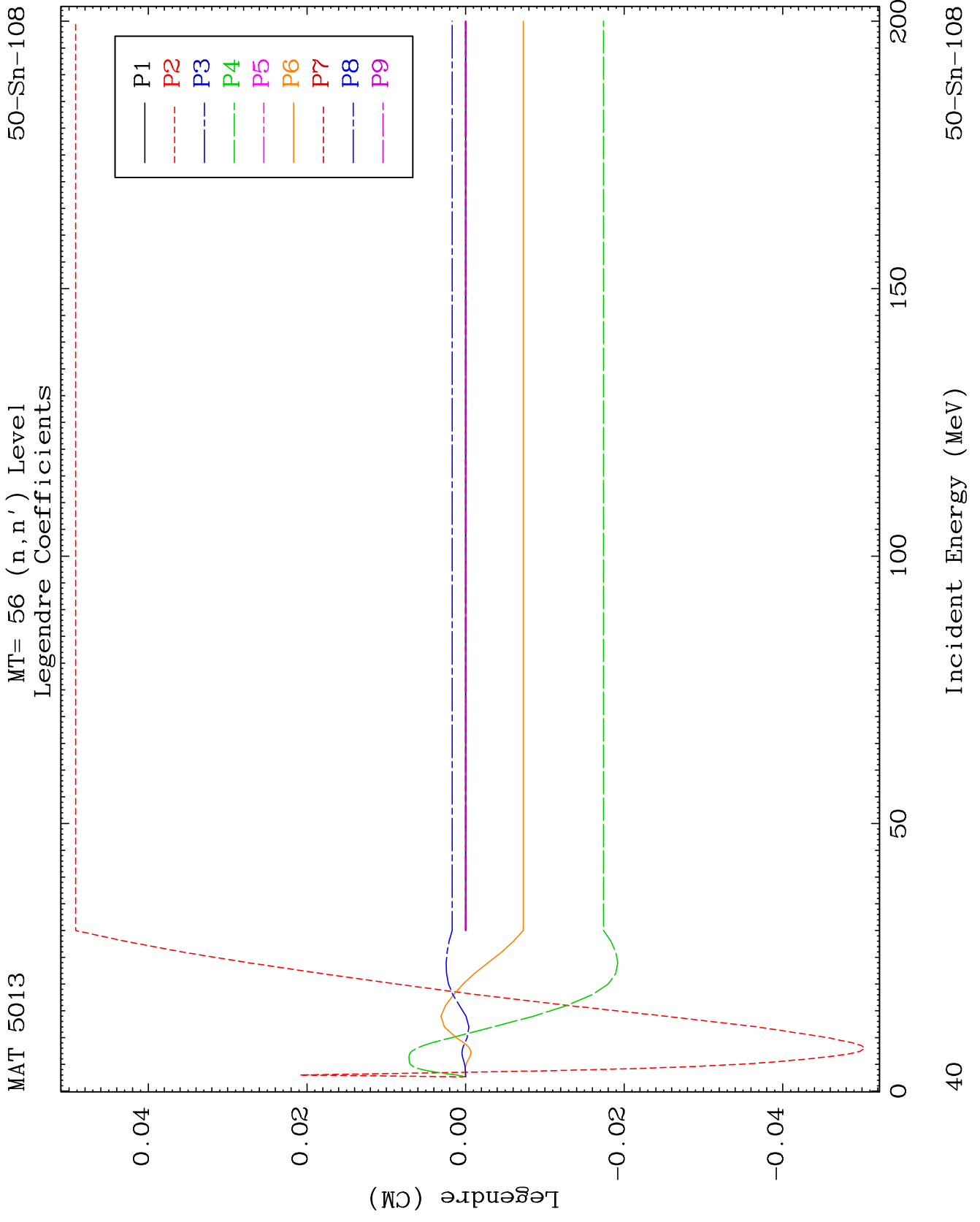
Incident Energy (MeV)

50-Sn-108





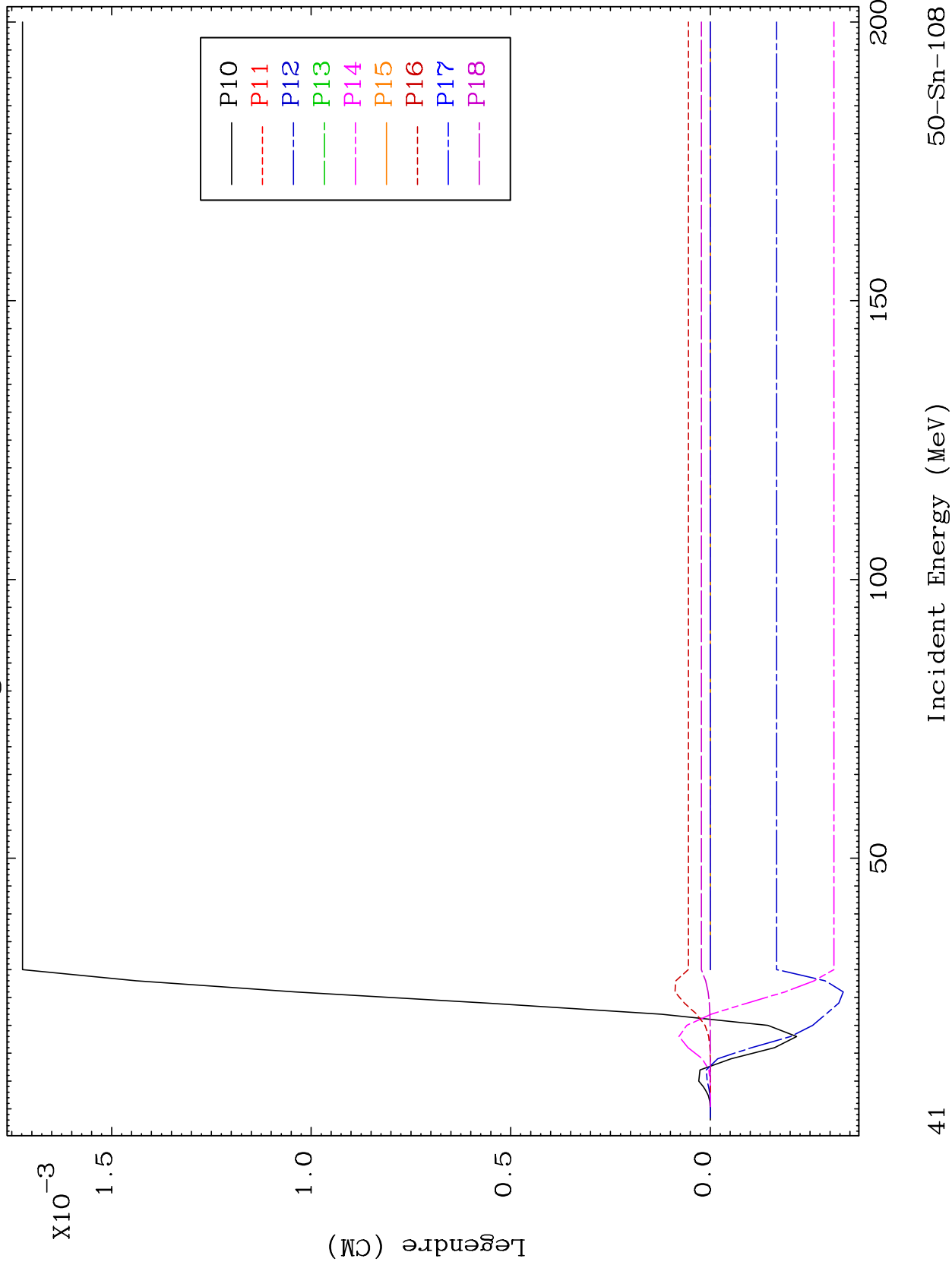




MAT 5013

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

50-Sn-108



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50-Sn-108

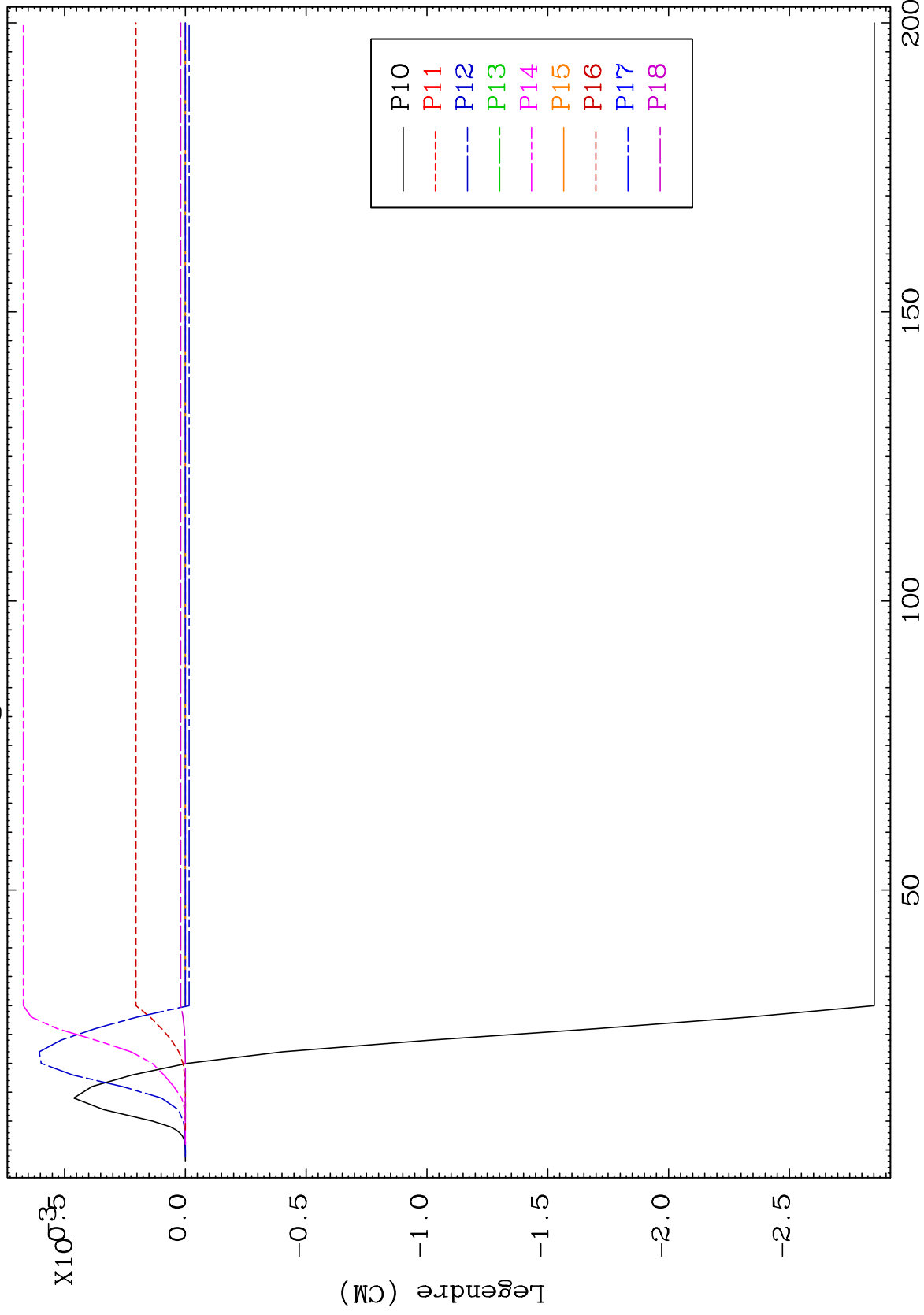


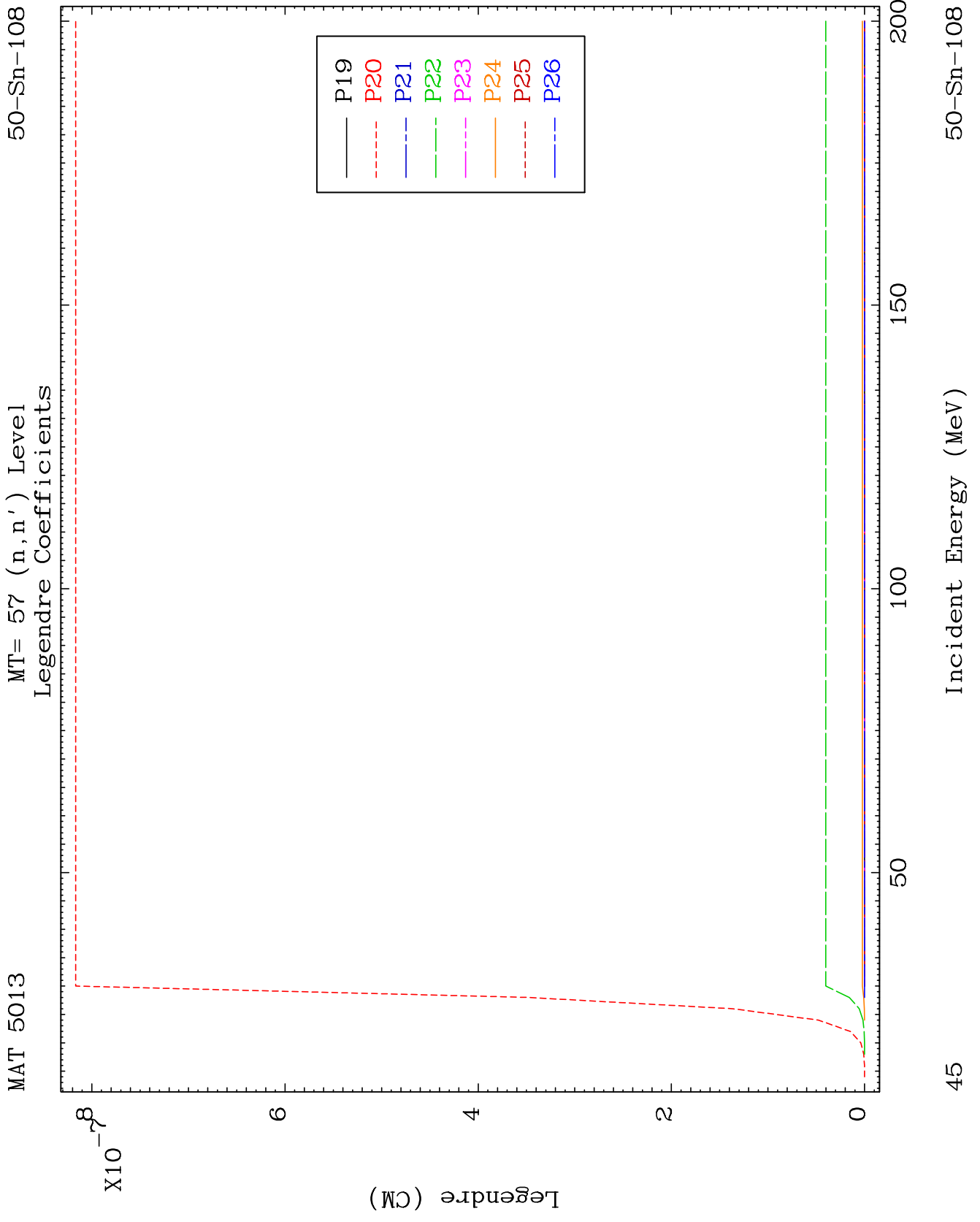


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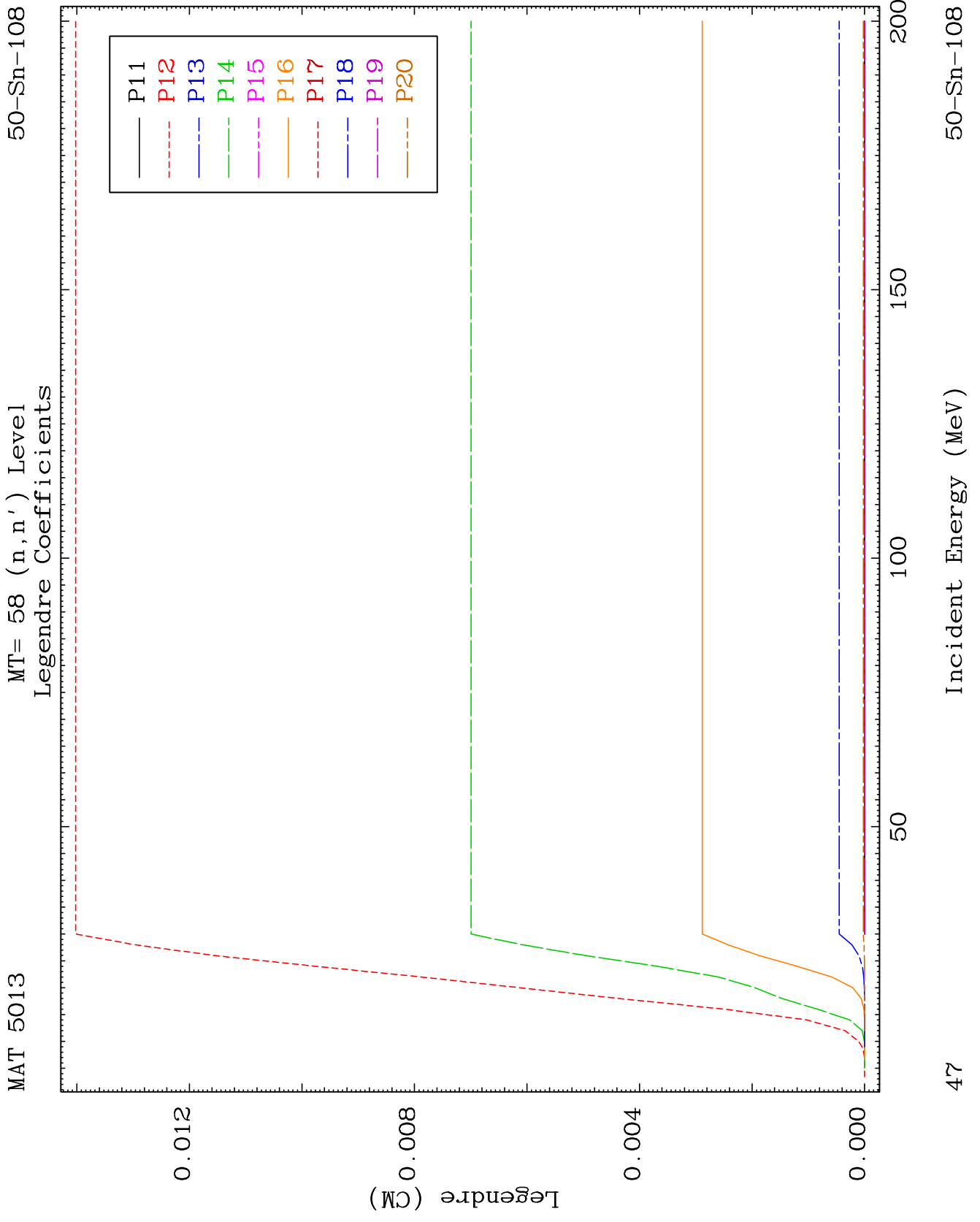
MT= 57 (n,n') Level  
Legendre Coefficients

50-Sn-108









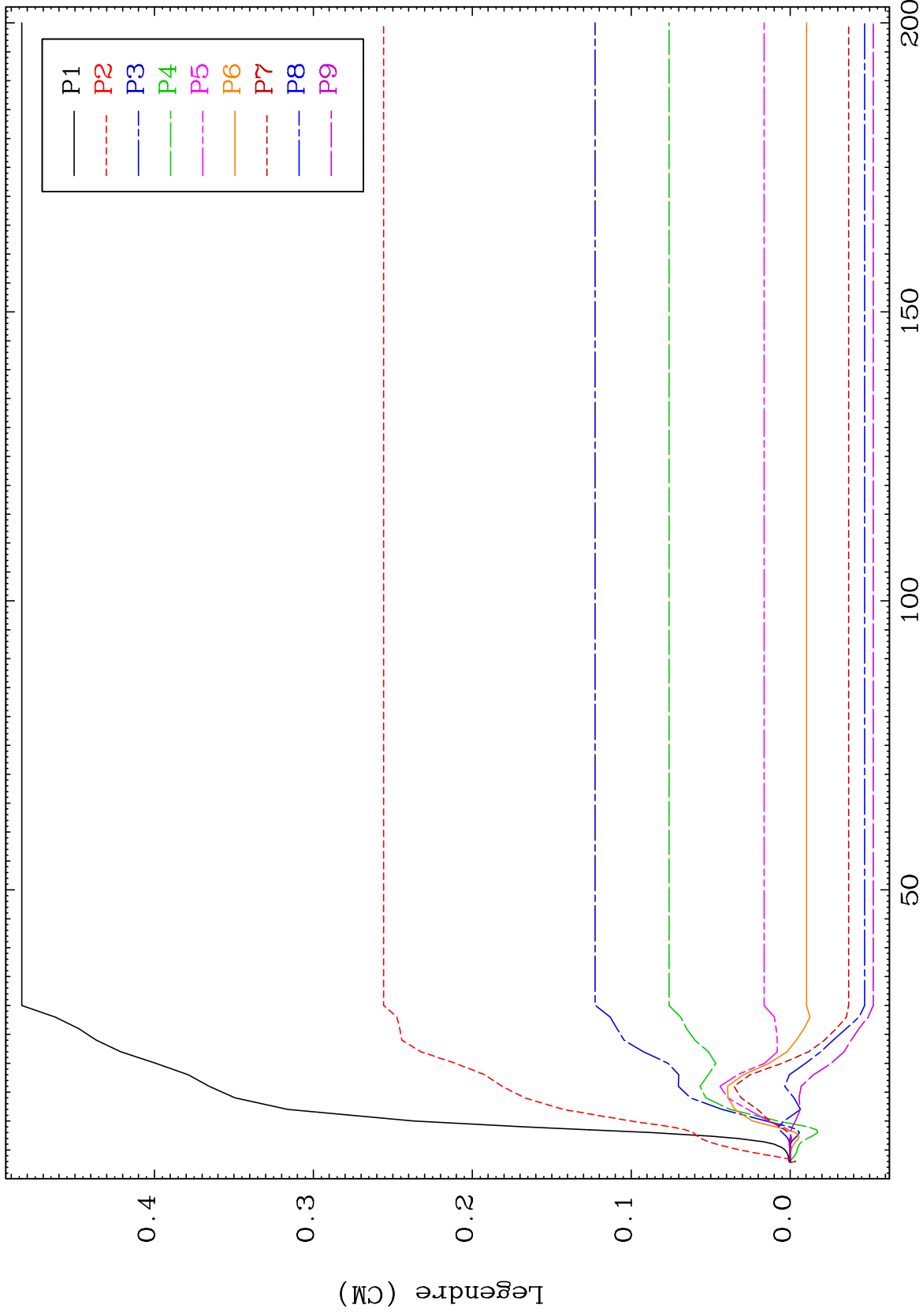


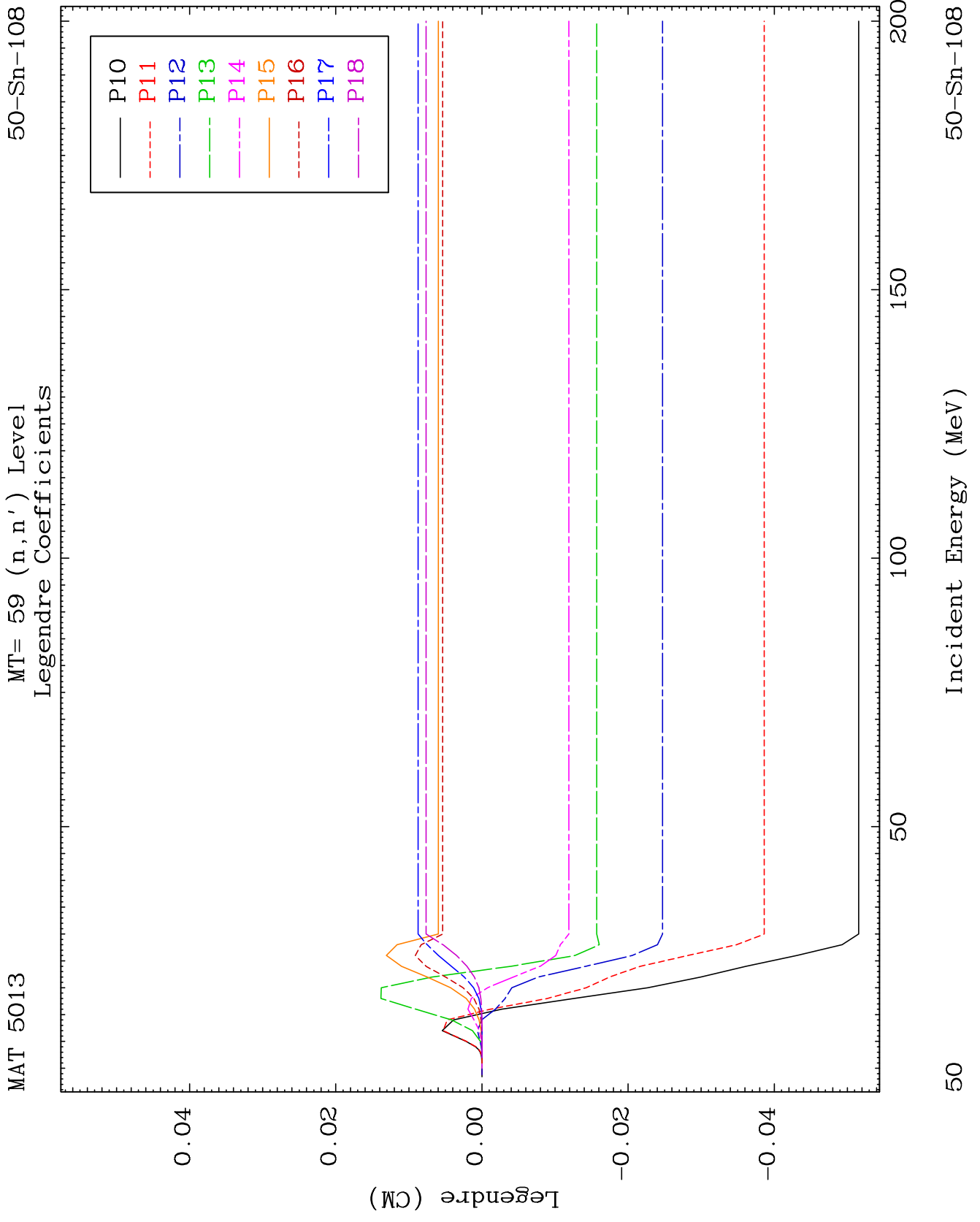


MAT 5013

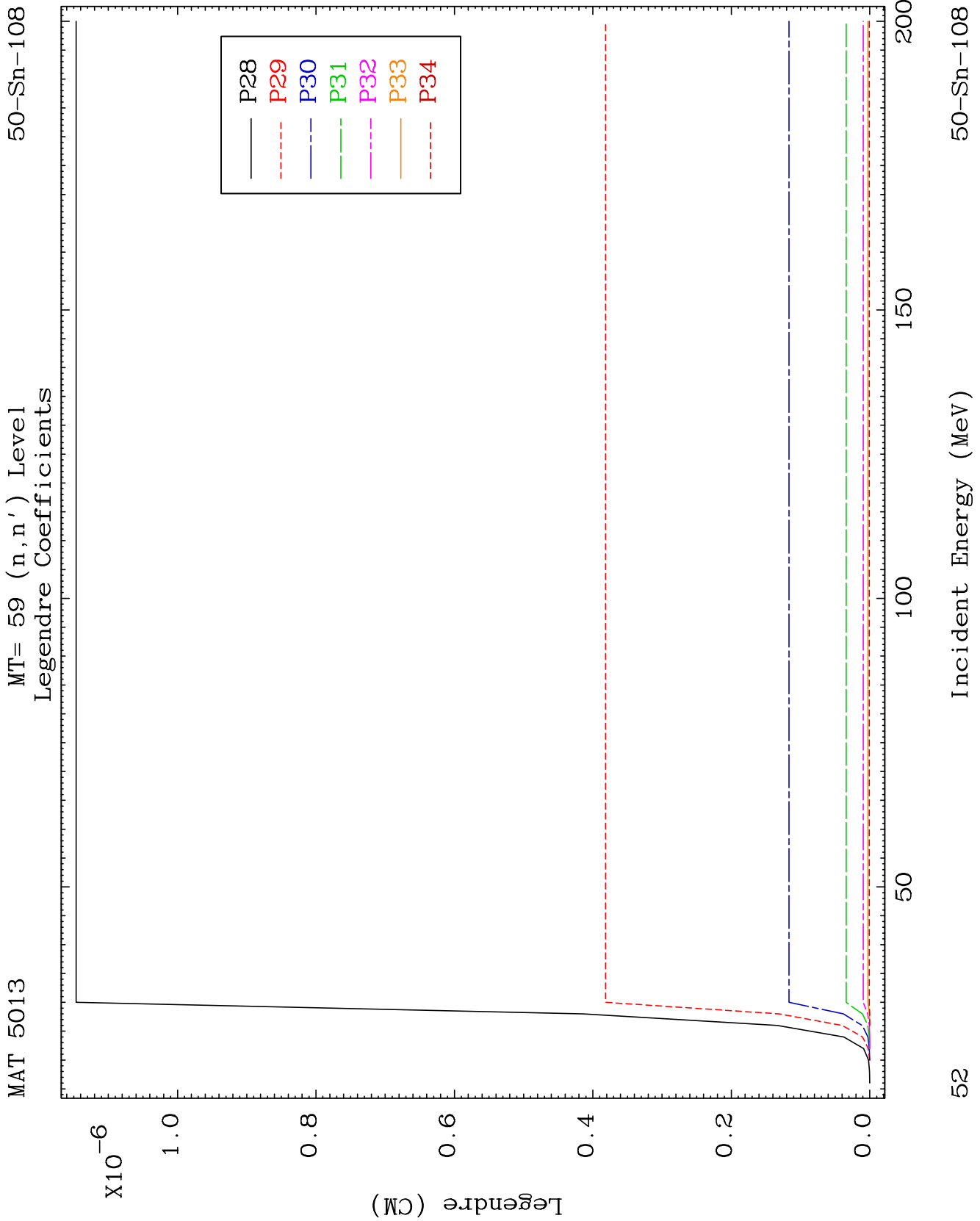
MT= 59 (n,n') Level  
Legendre Coefficients

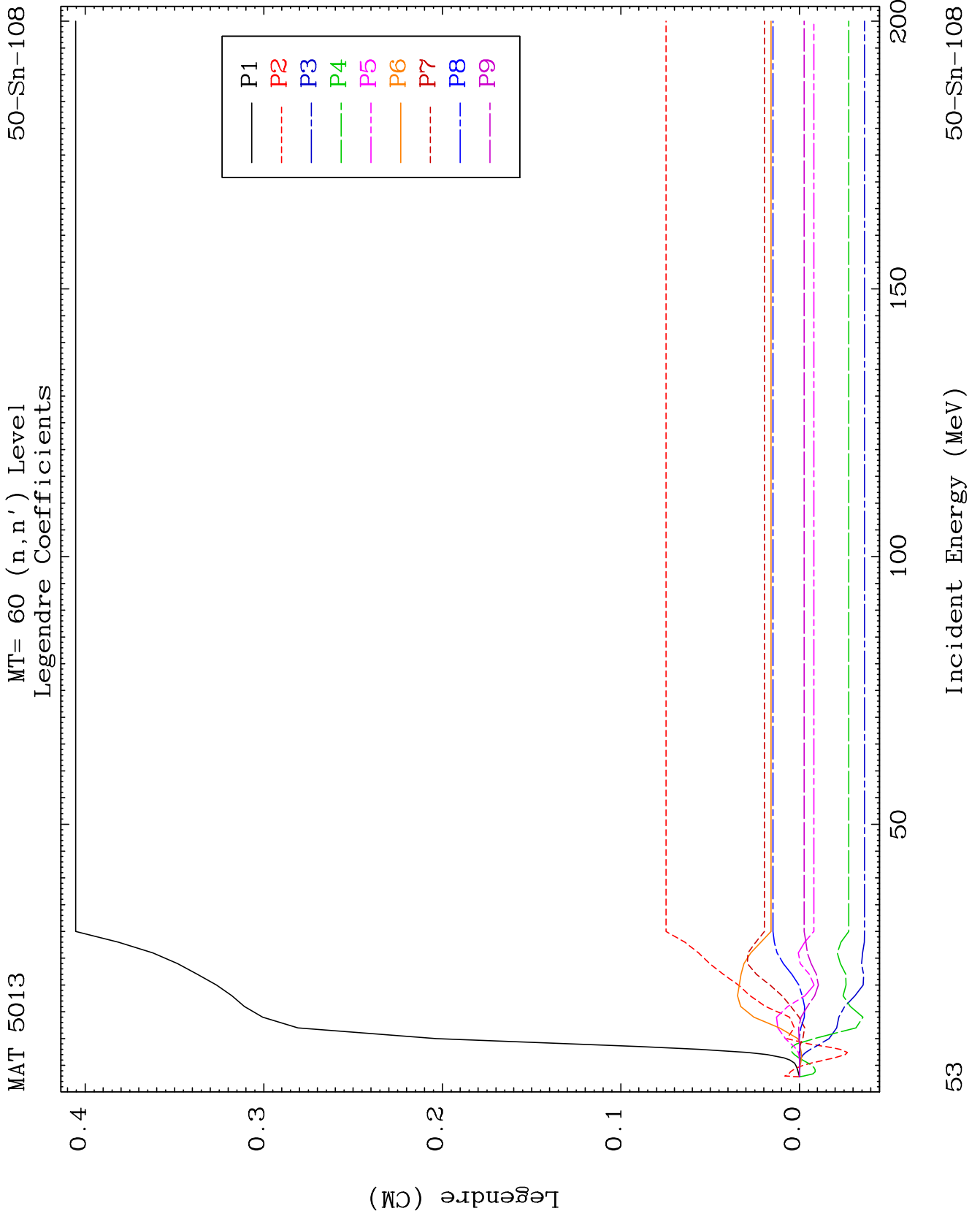
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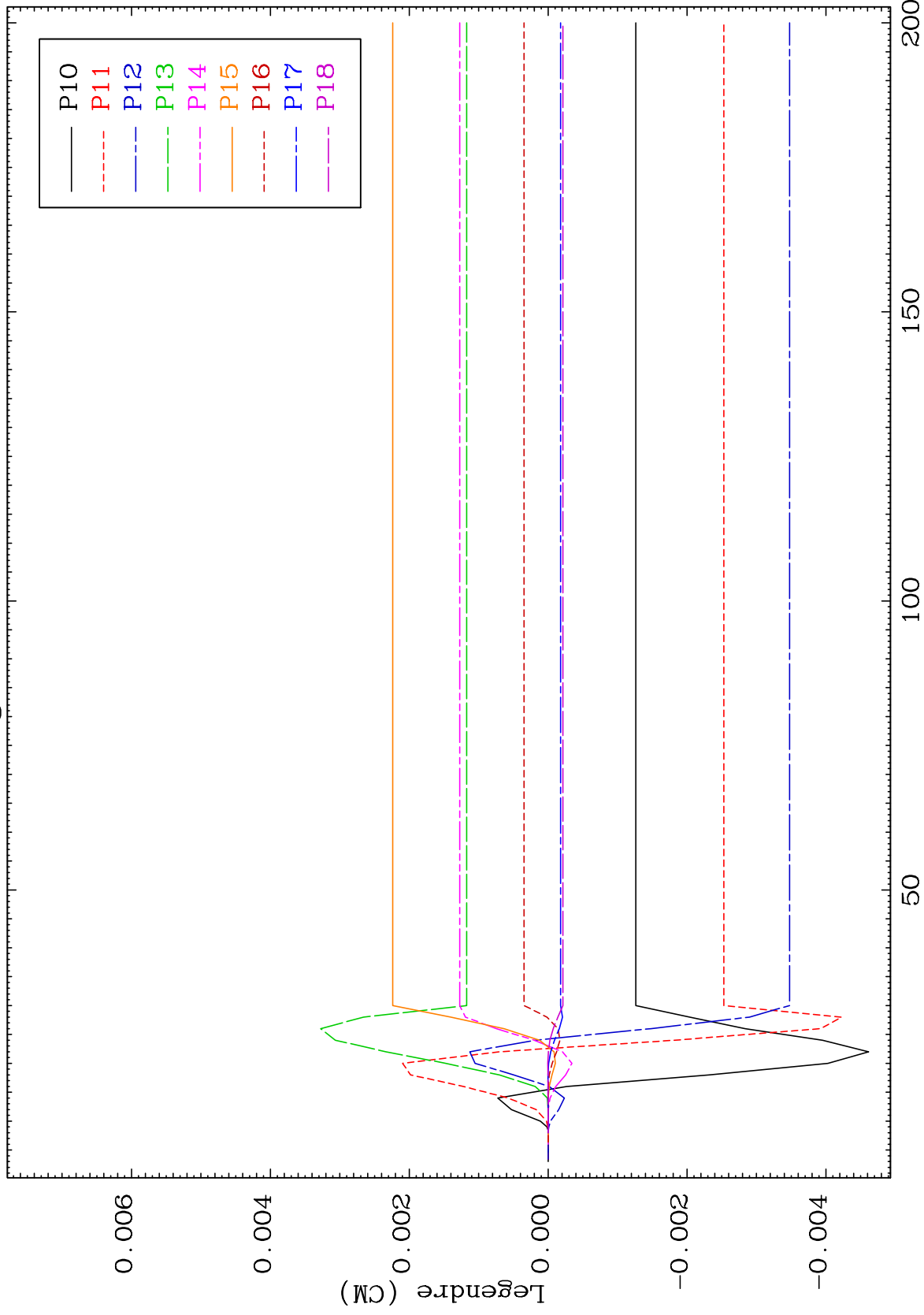




MAT 5013

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

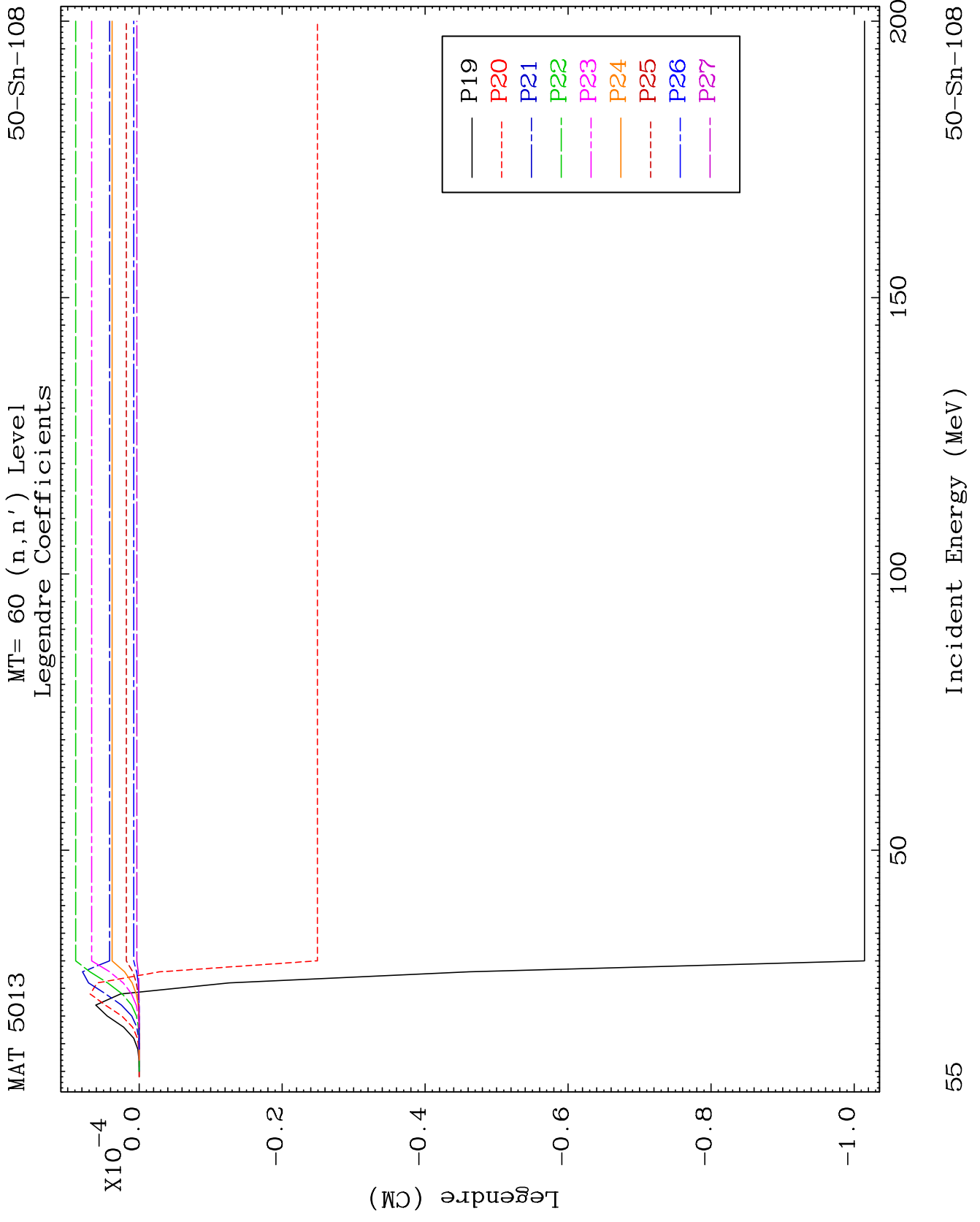
50-Sn-108



54

Incident Energy (MeV)

50-Sn-108

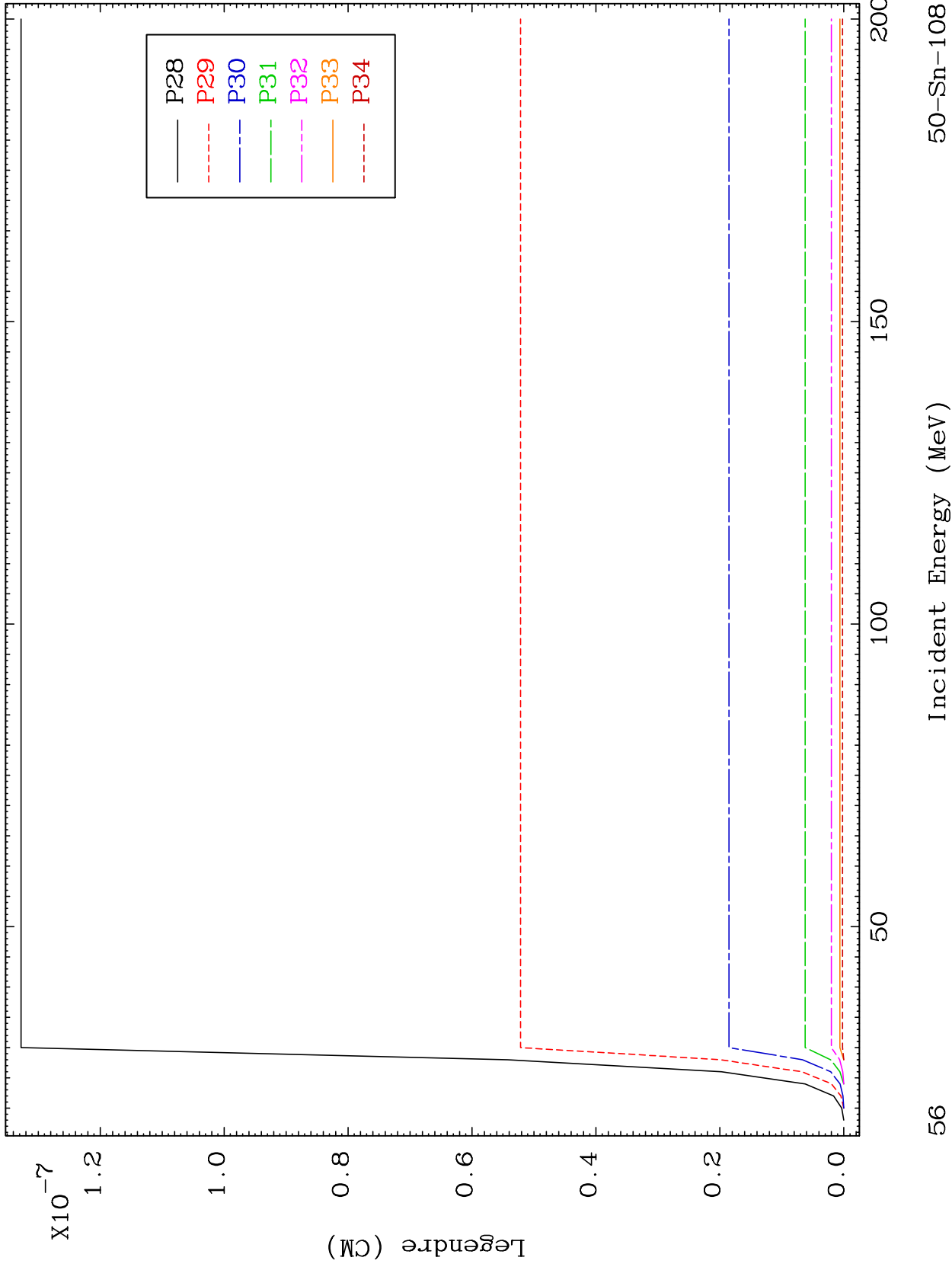


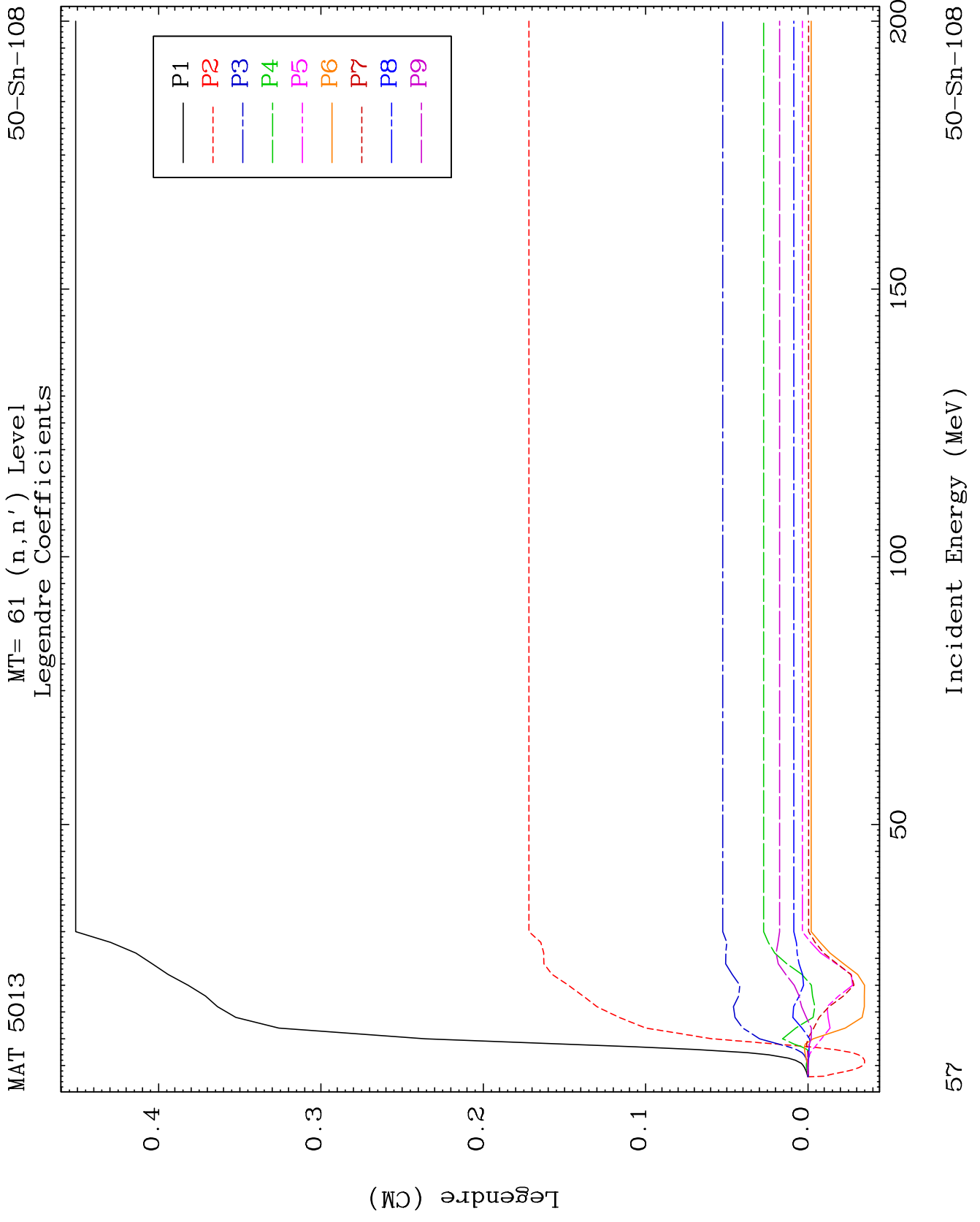


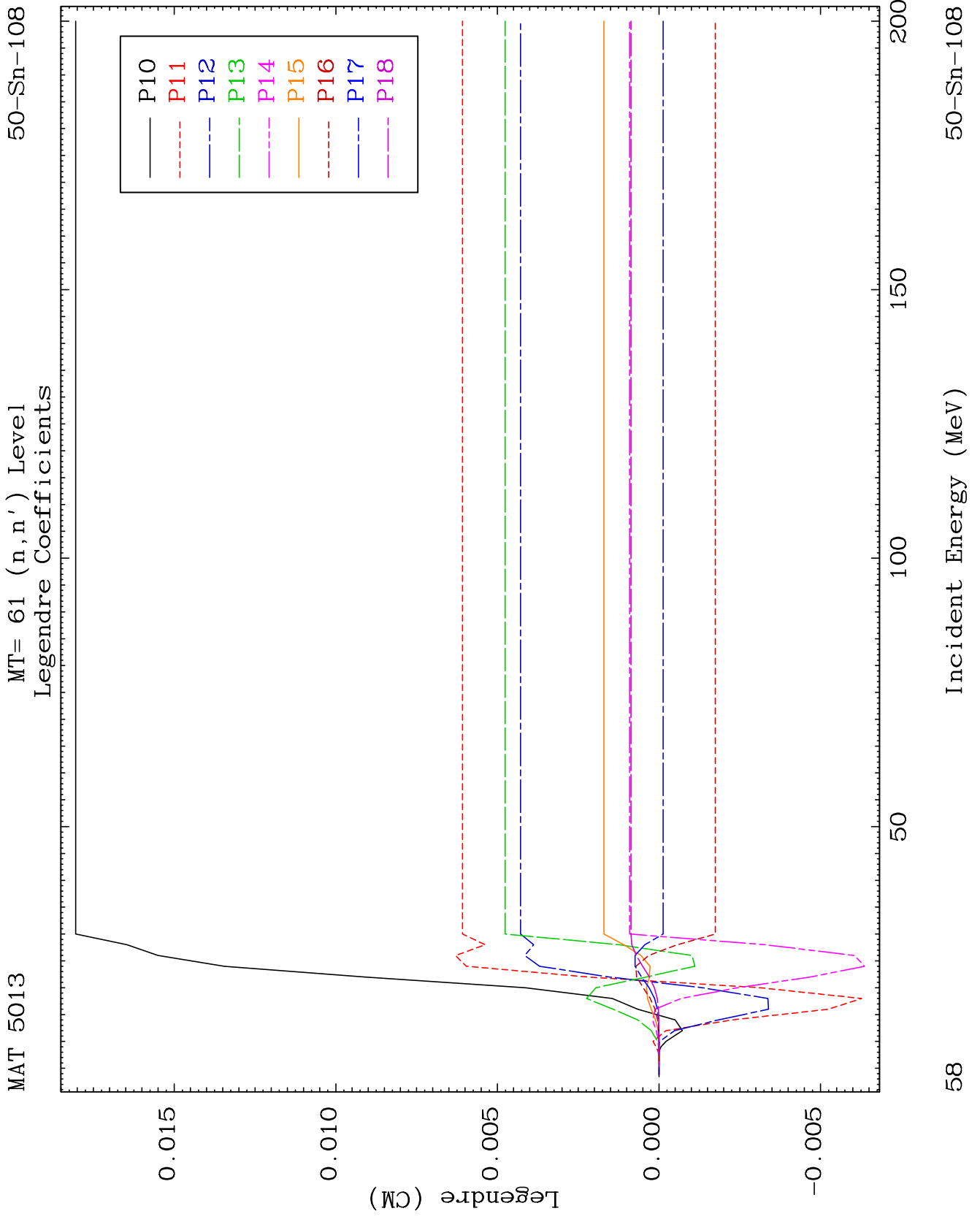
MAT 5013

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

50-Sn-108



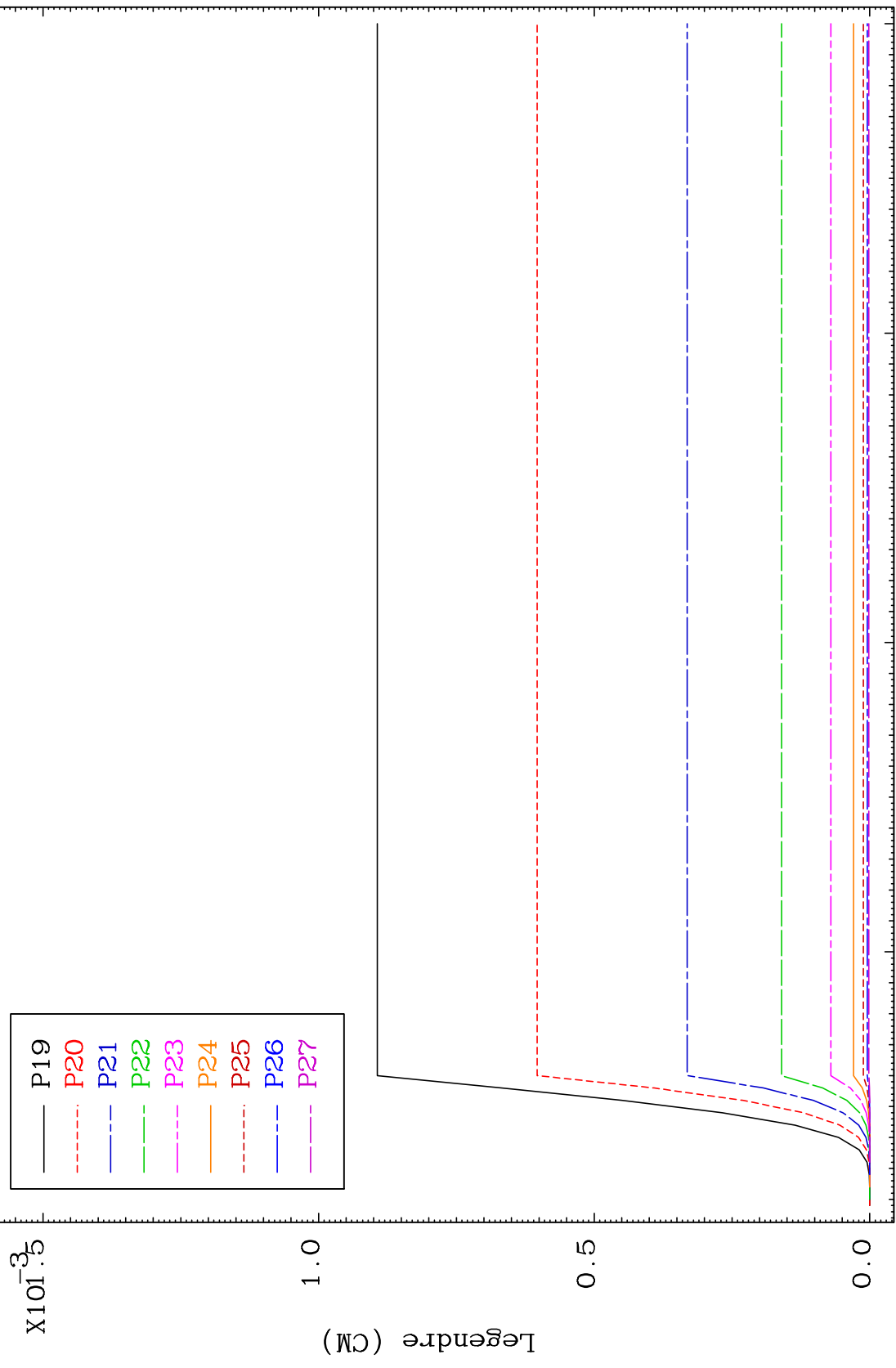
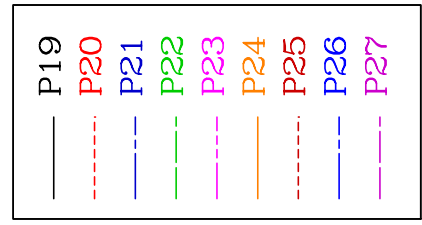




MAT 5013

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

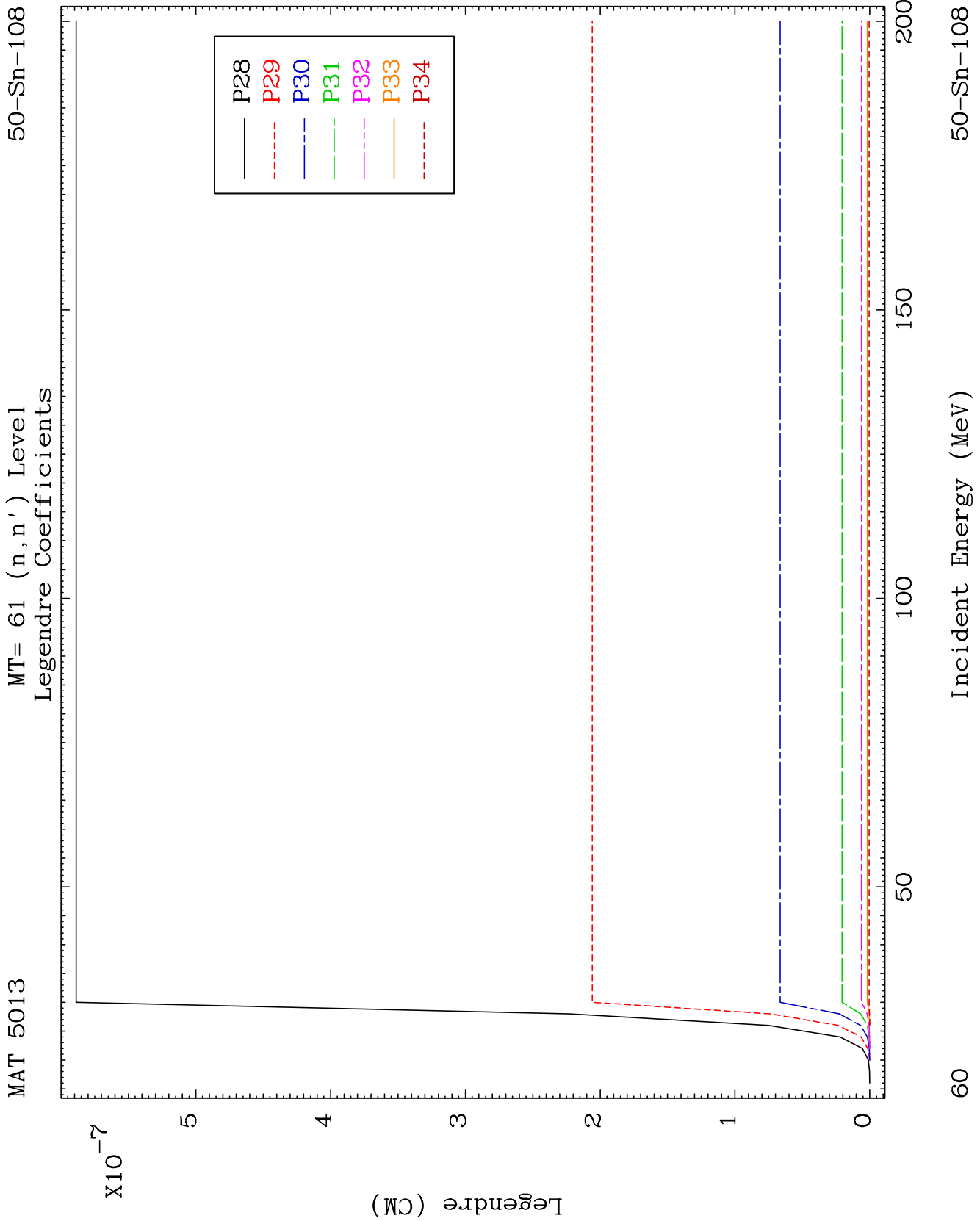
50-Sn-108



59

Incident Energy (MeV)

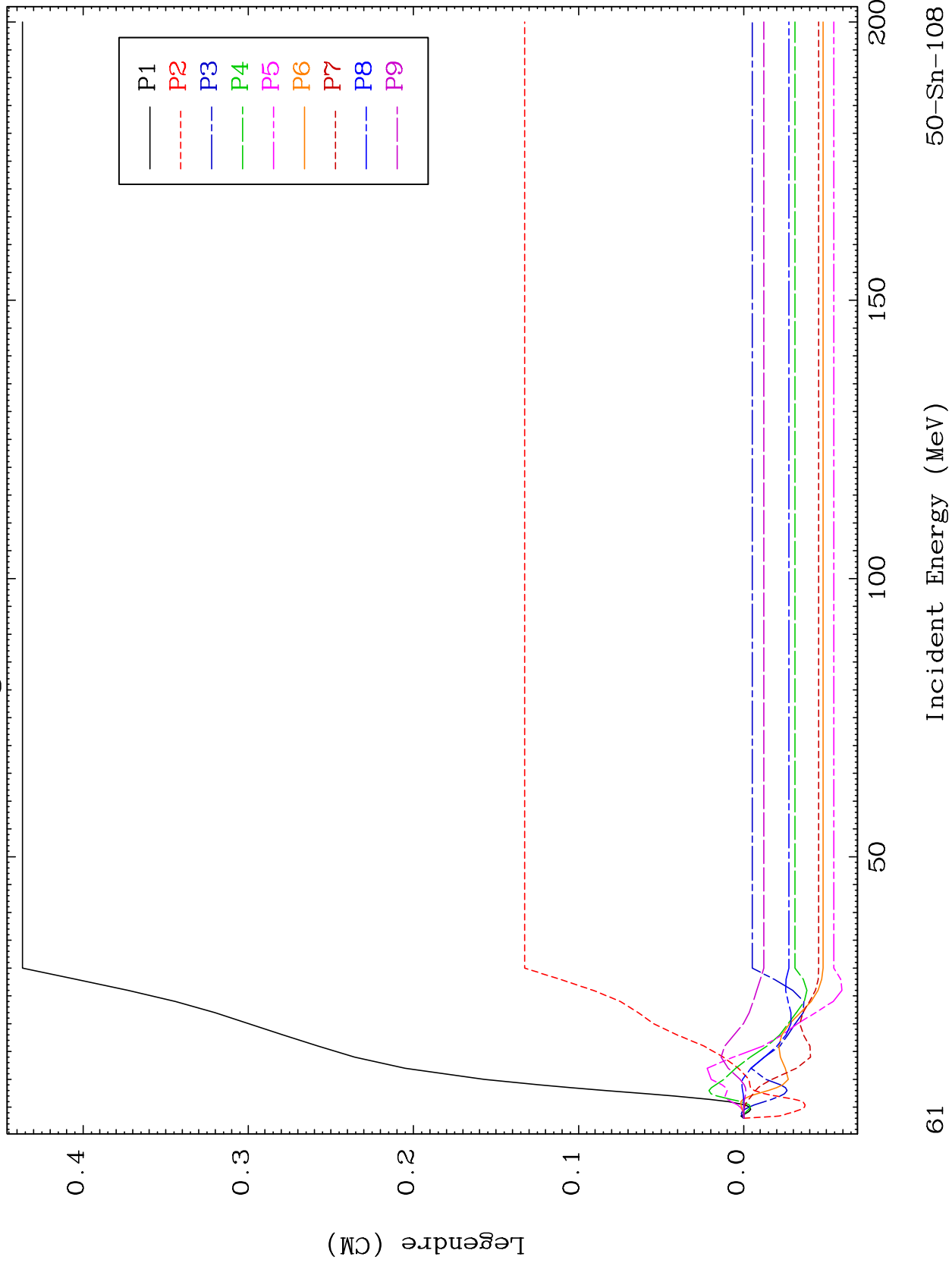
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MAT 5013

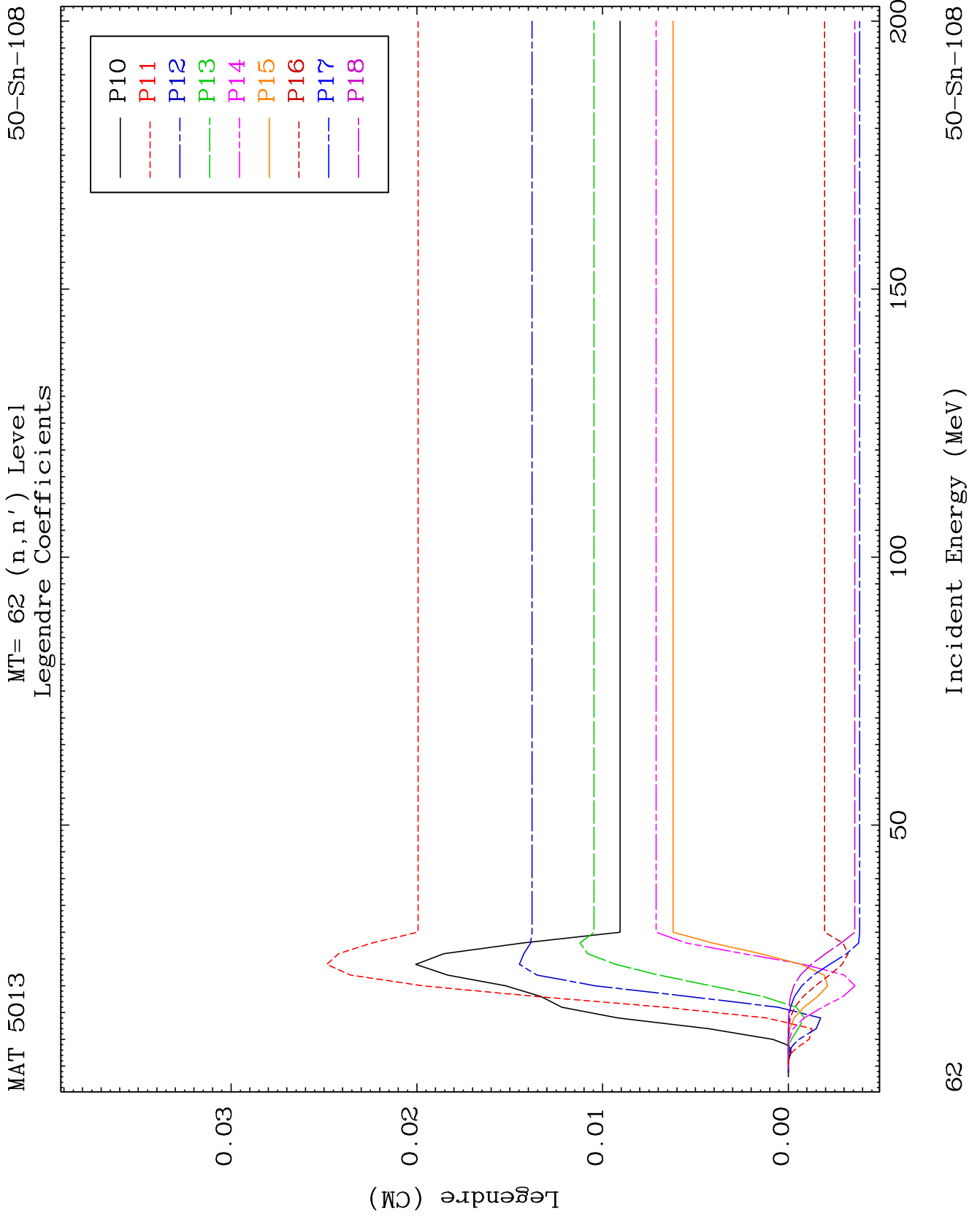
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Legendre Coefficients

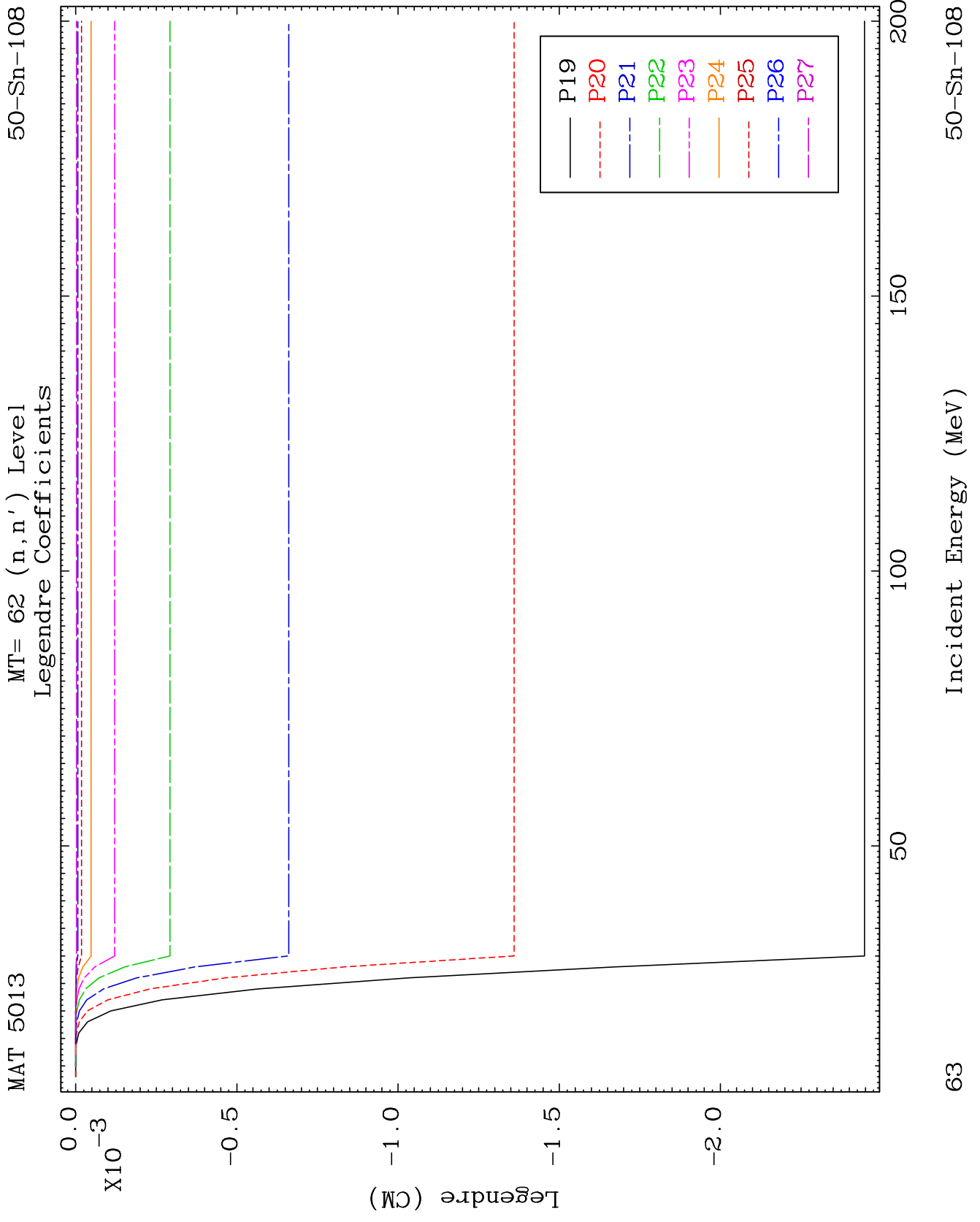
50-Sn-108



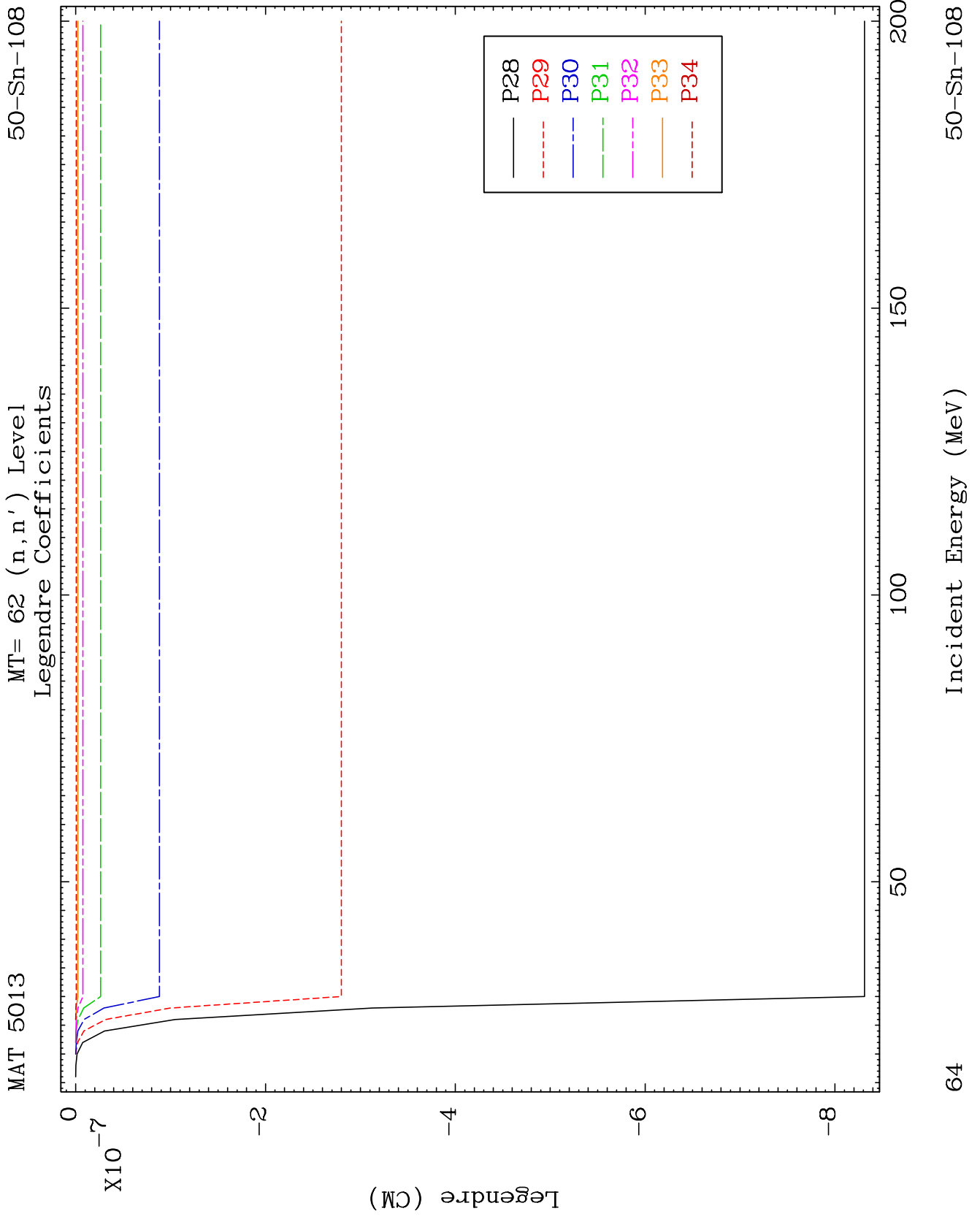
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50-Sn-108





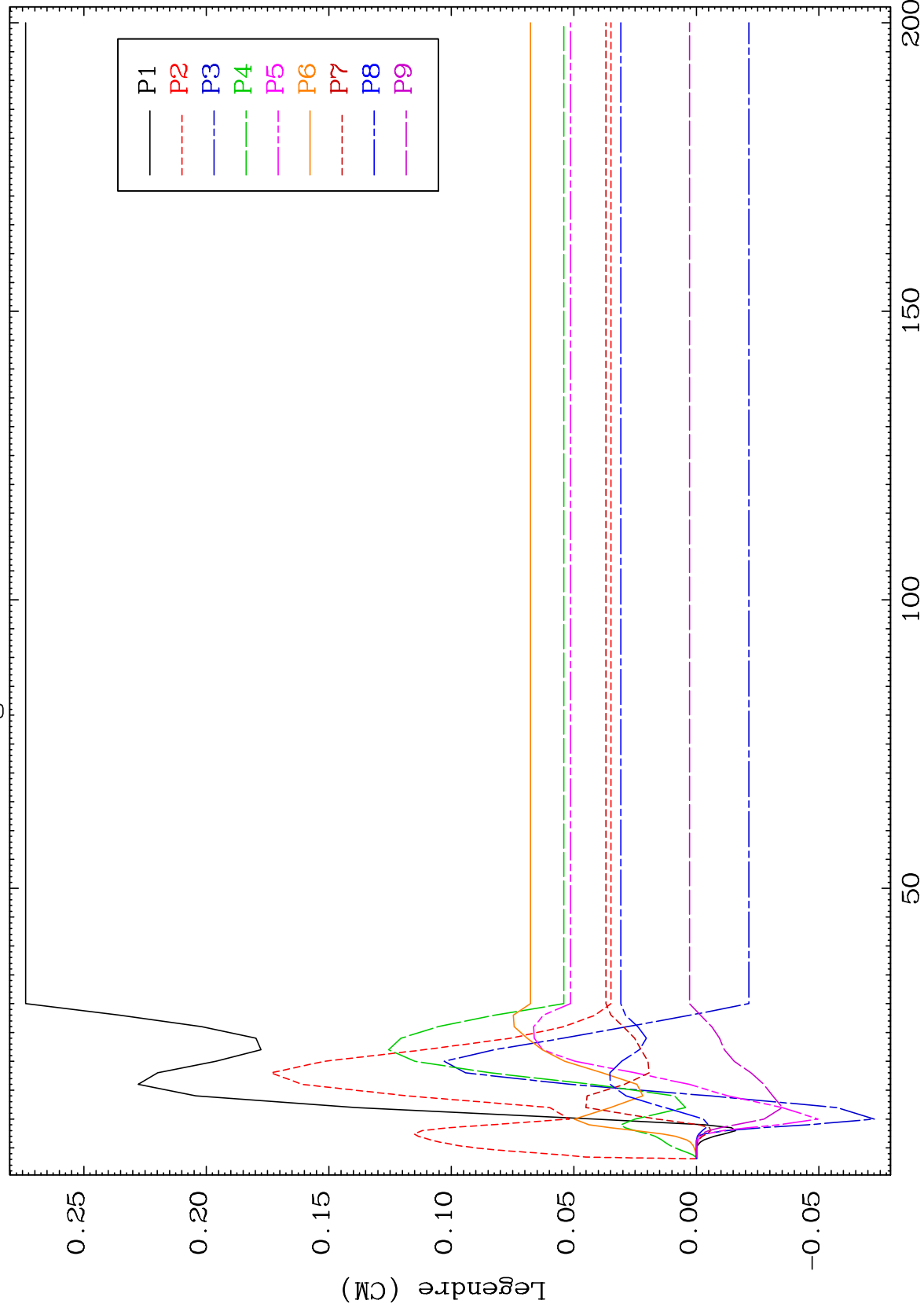




MAT 5013

MT= 63 (n,n') Level Legendre Coefficients

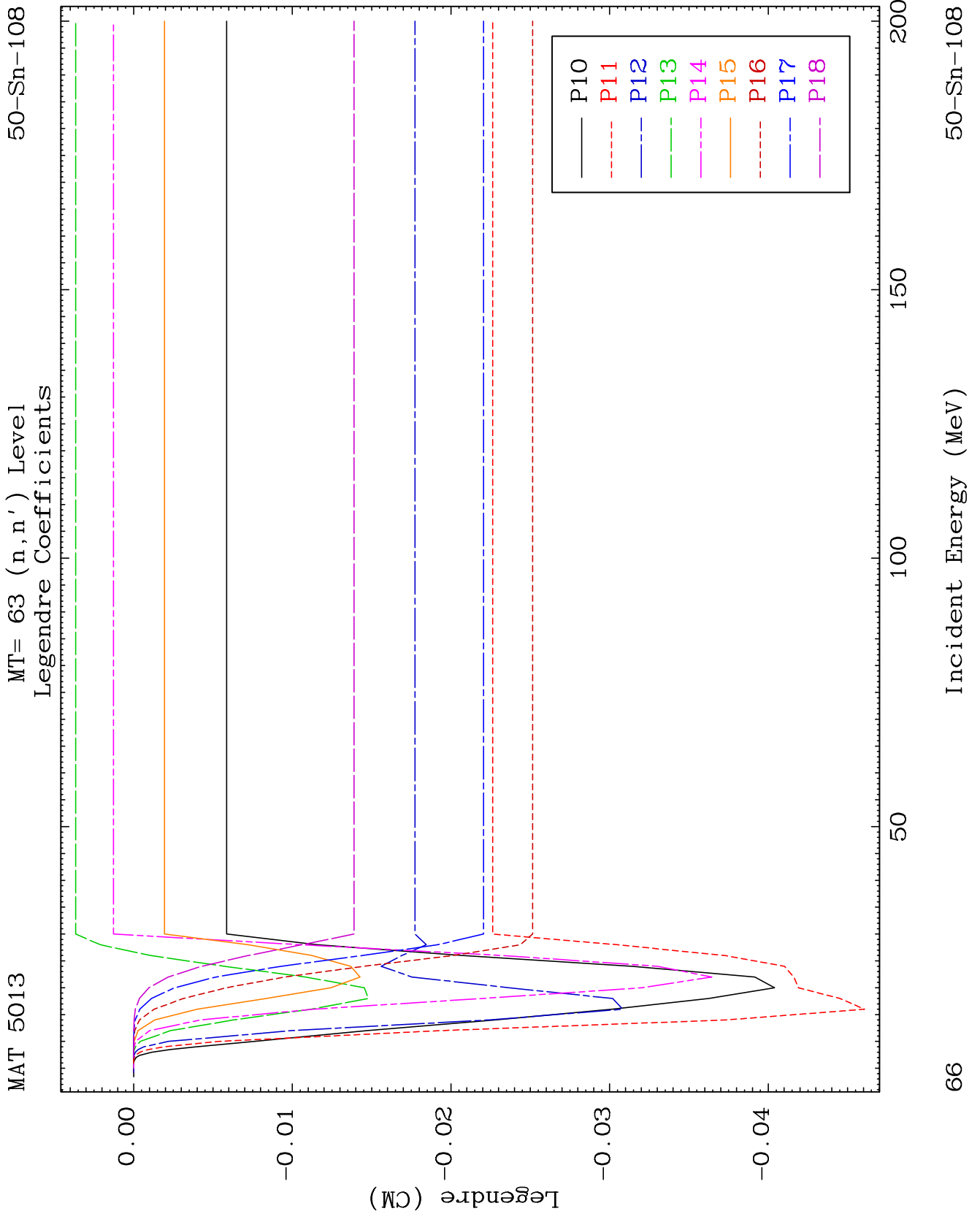
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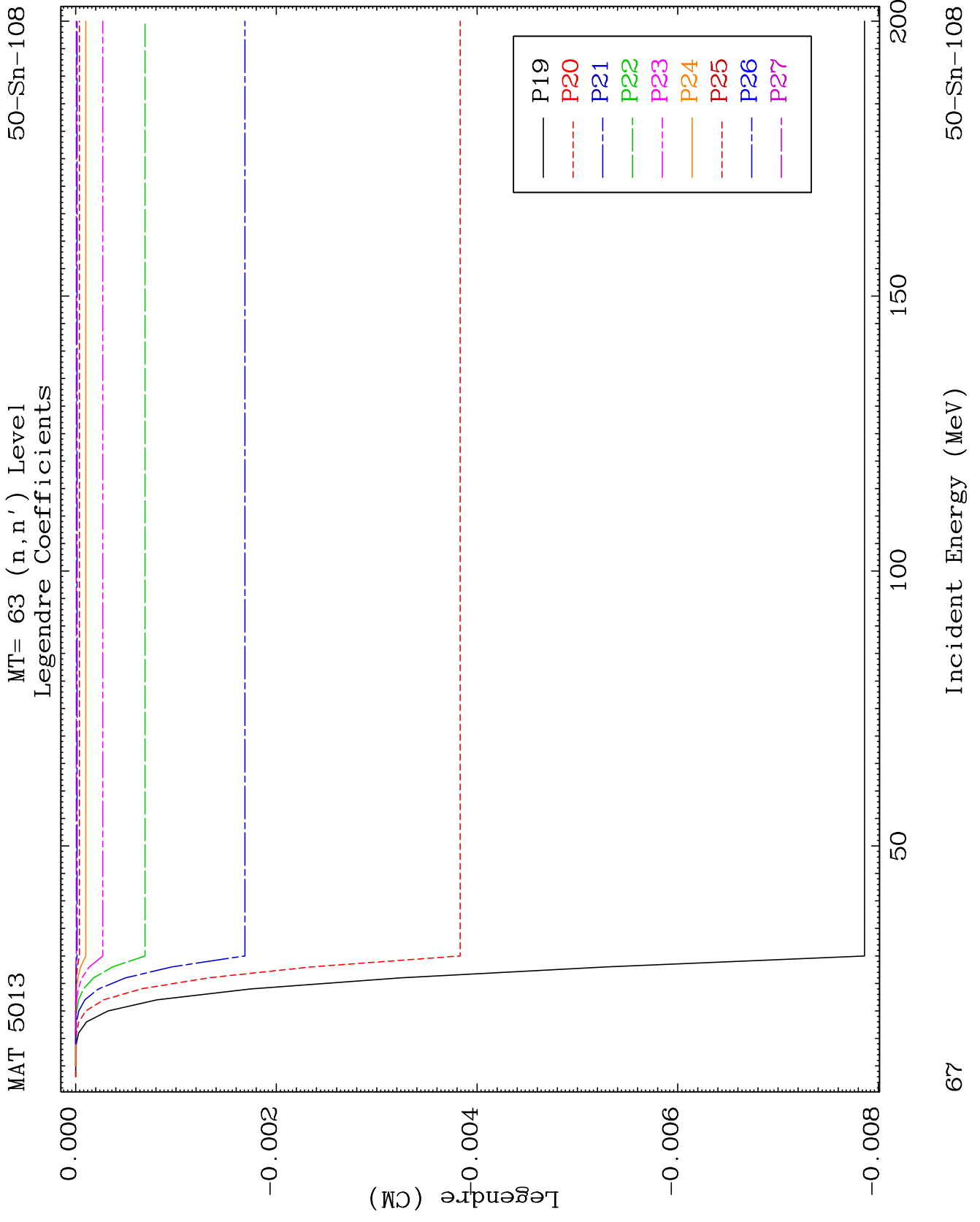


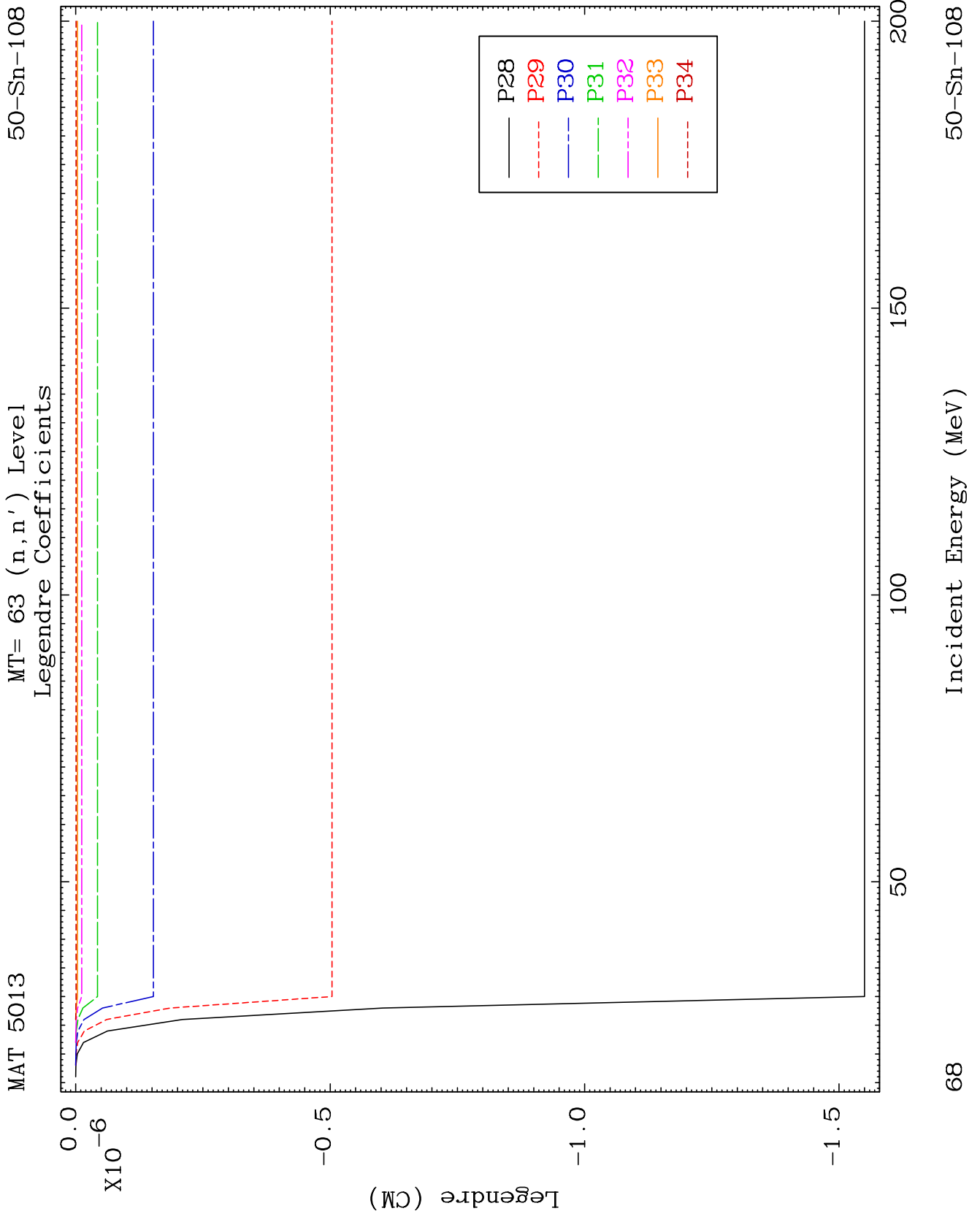
65

Incident Energy (MeV)

50-Sn-108



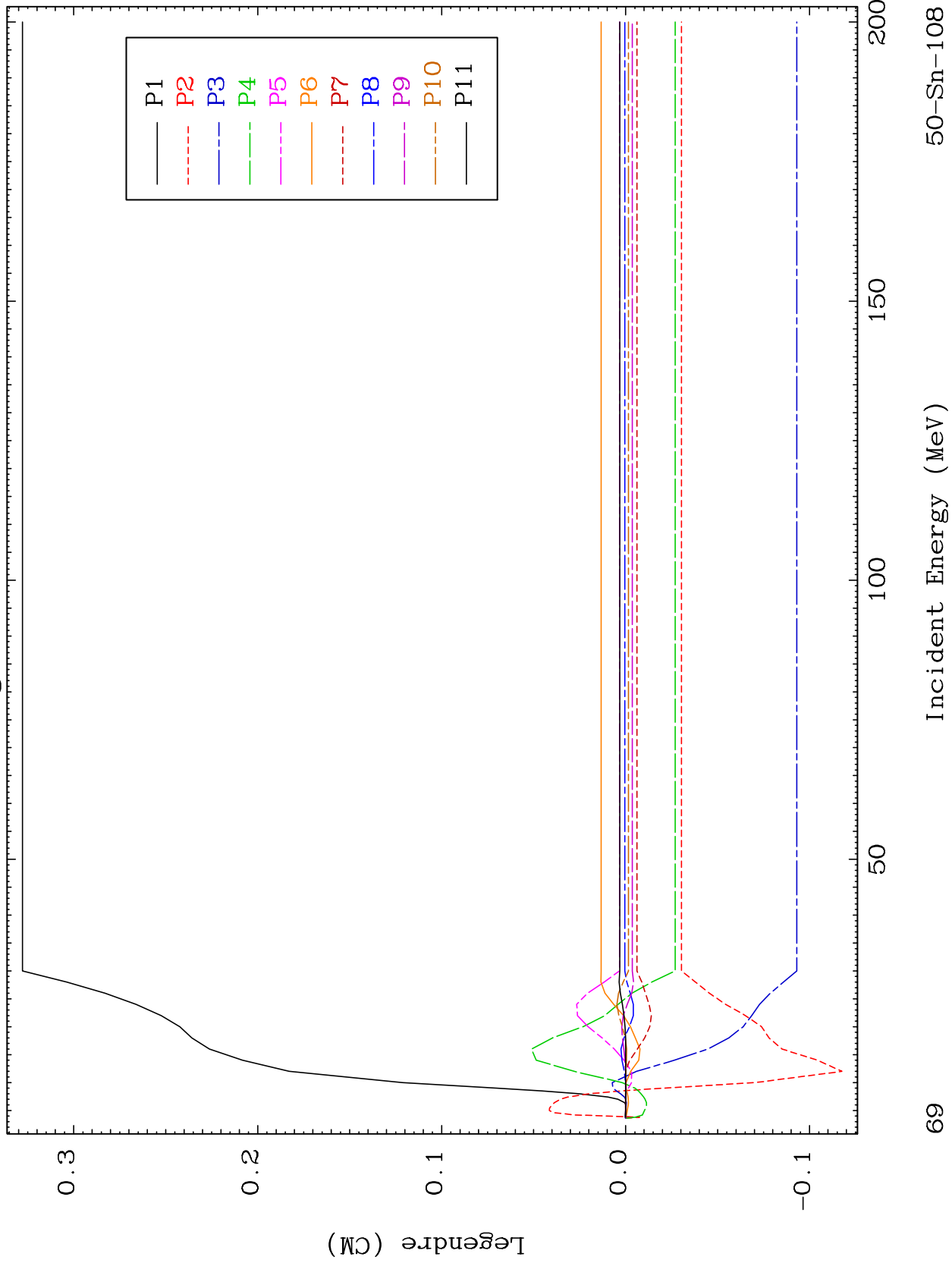




MAT 5013

MT= 64 (n,n') Level  
Legendre Coefficients

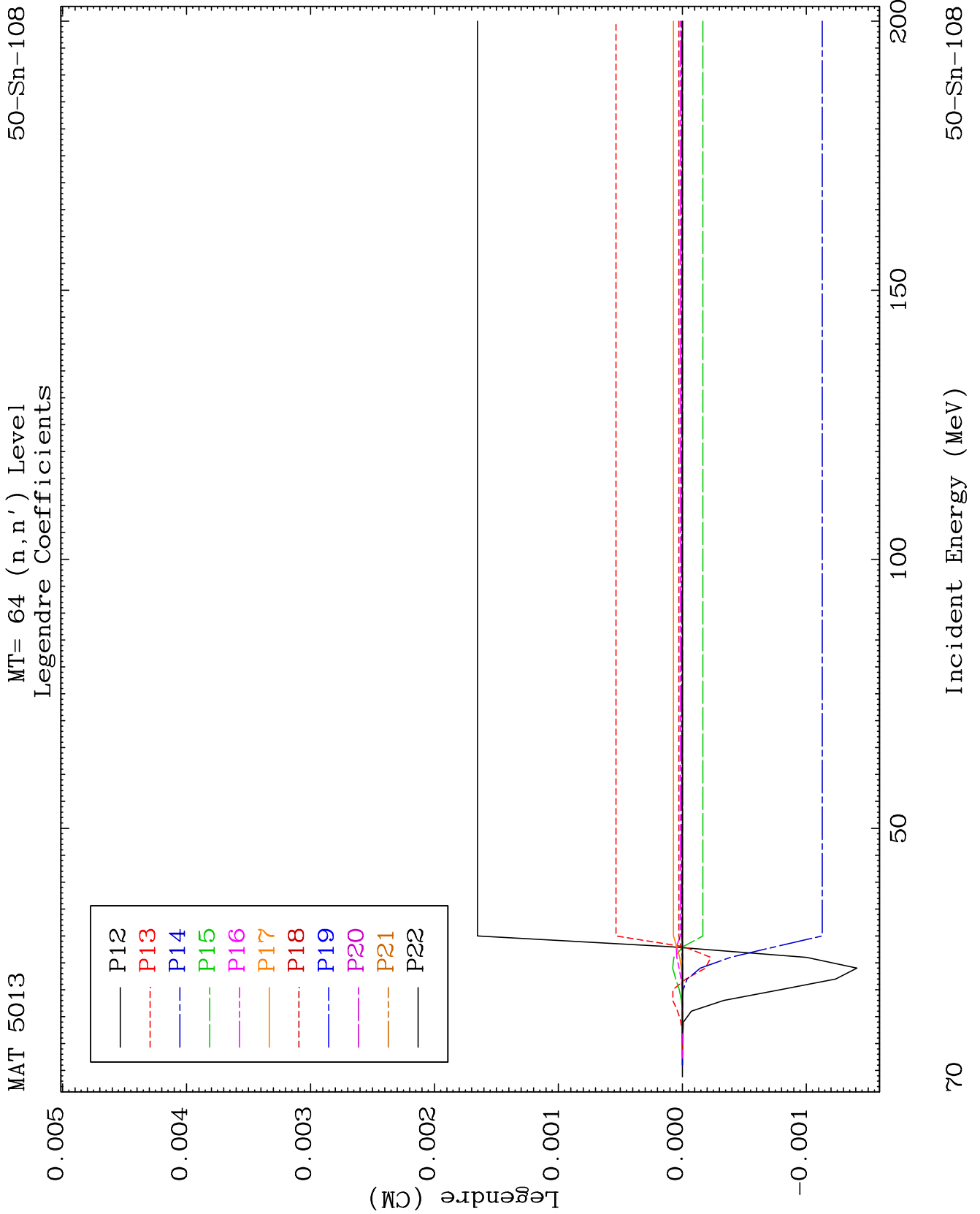
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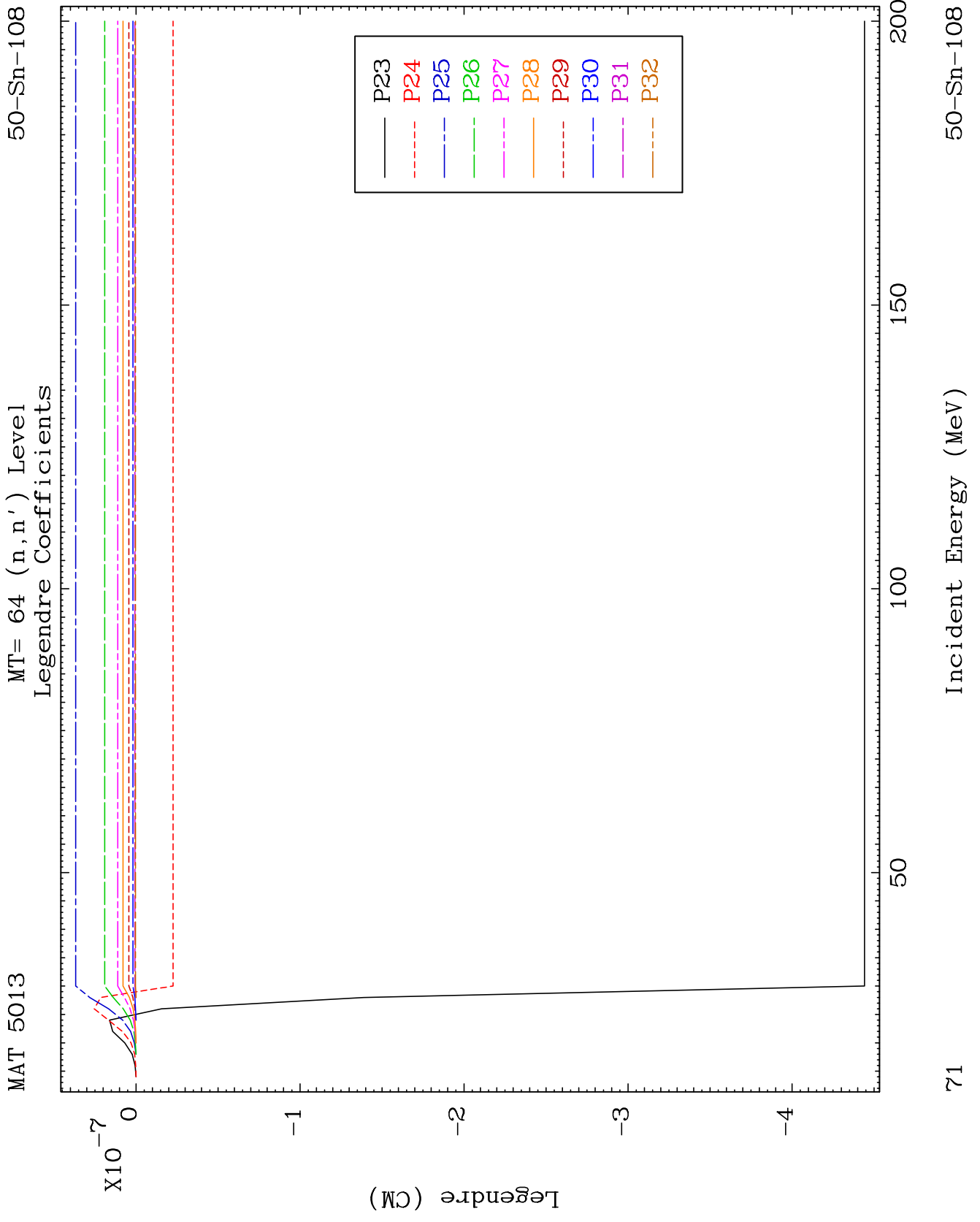


69

Incident Energy (MeV)

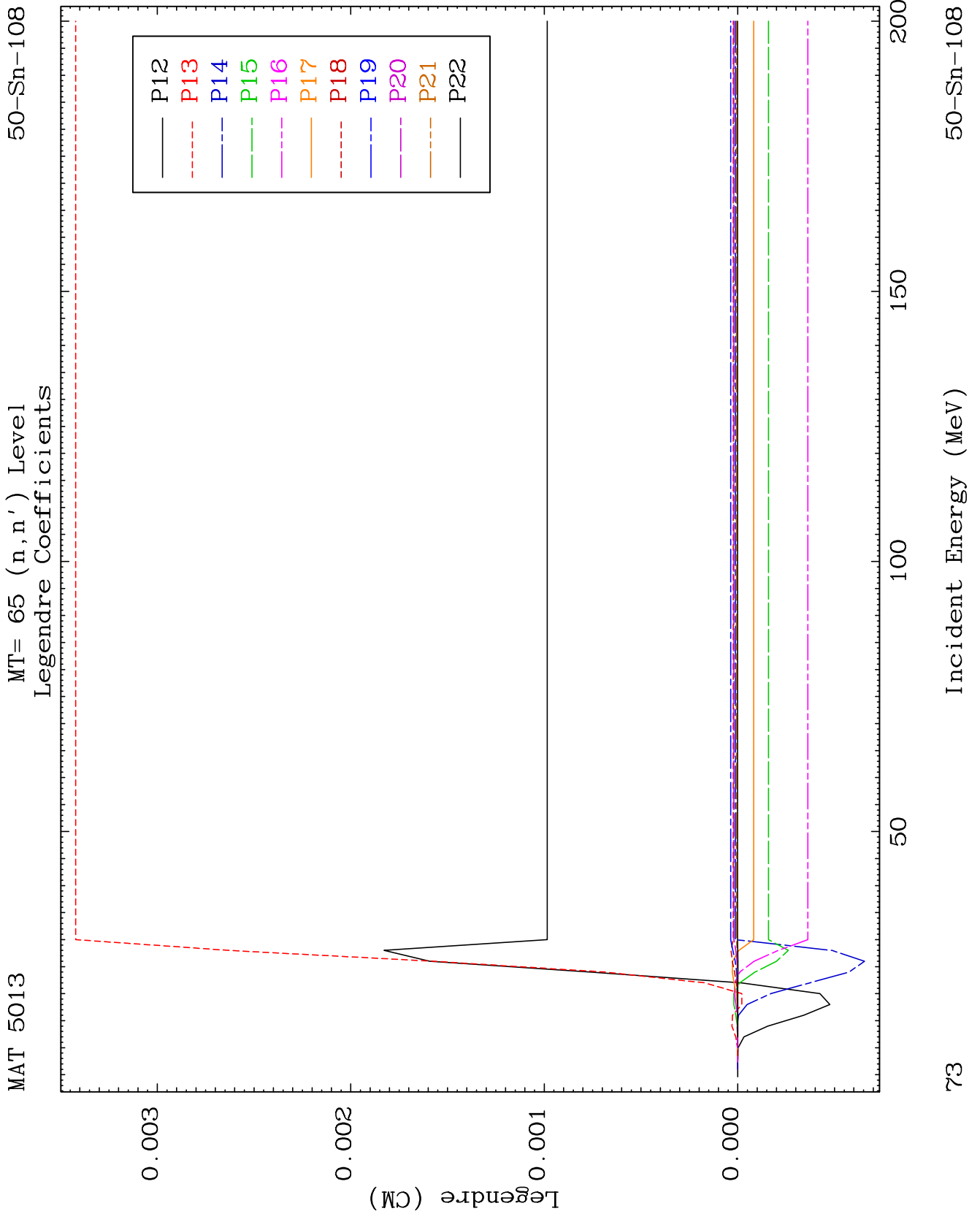
50-Sn-108







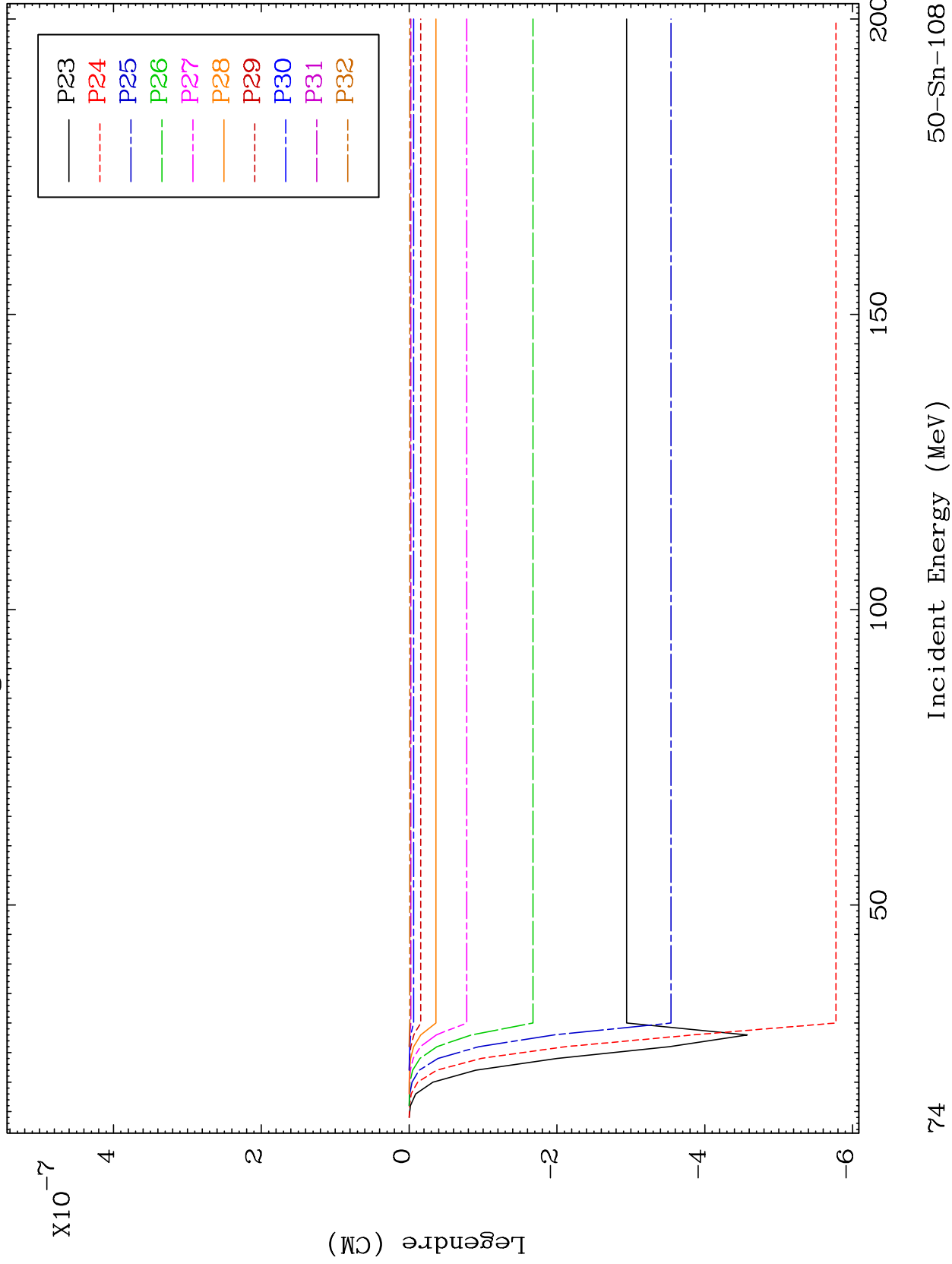




MAT 5013

MT= 65 (n,n') Level  
Legendre Coefficients

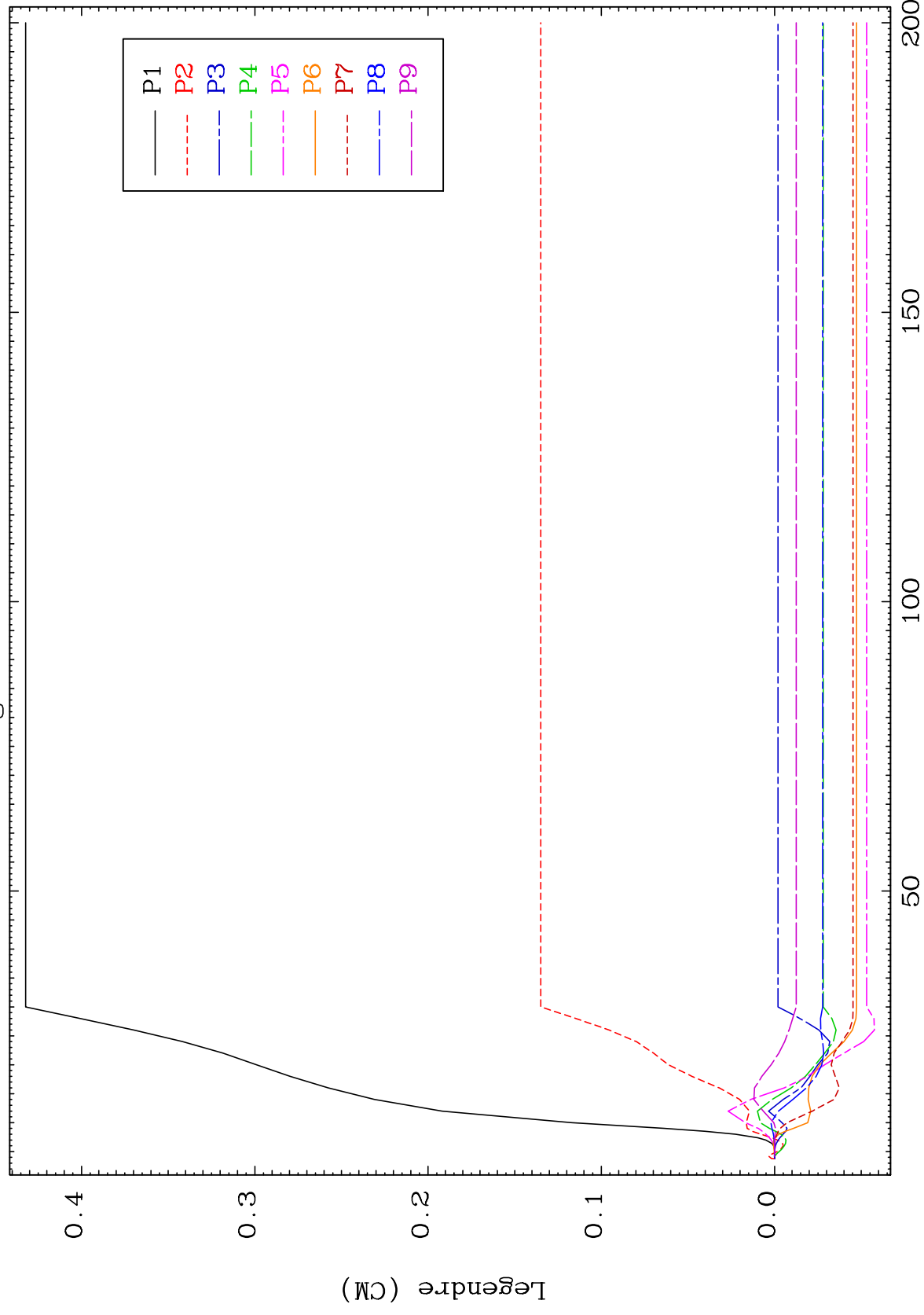
50-Sn-108



MAT 5013

MT= 66 (n,n') Level  
Legendre Coefficients

50-Sn-108



75

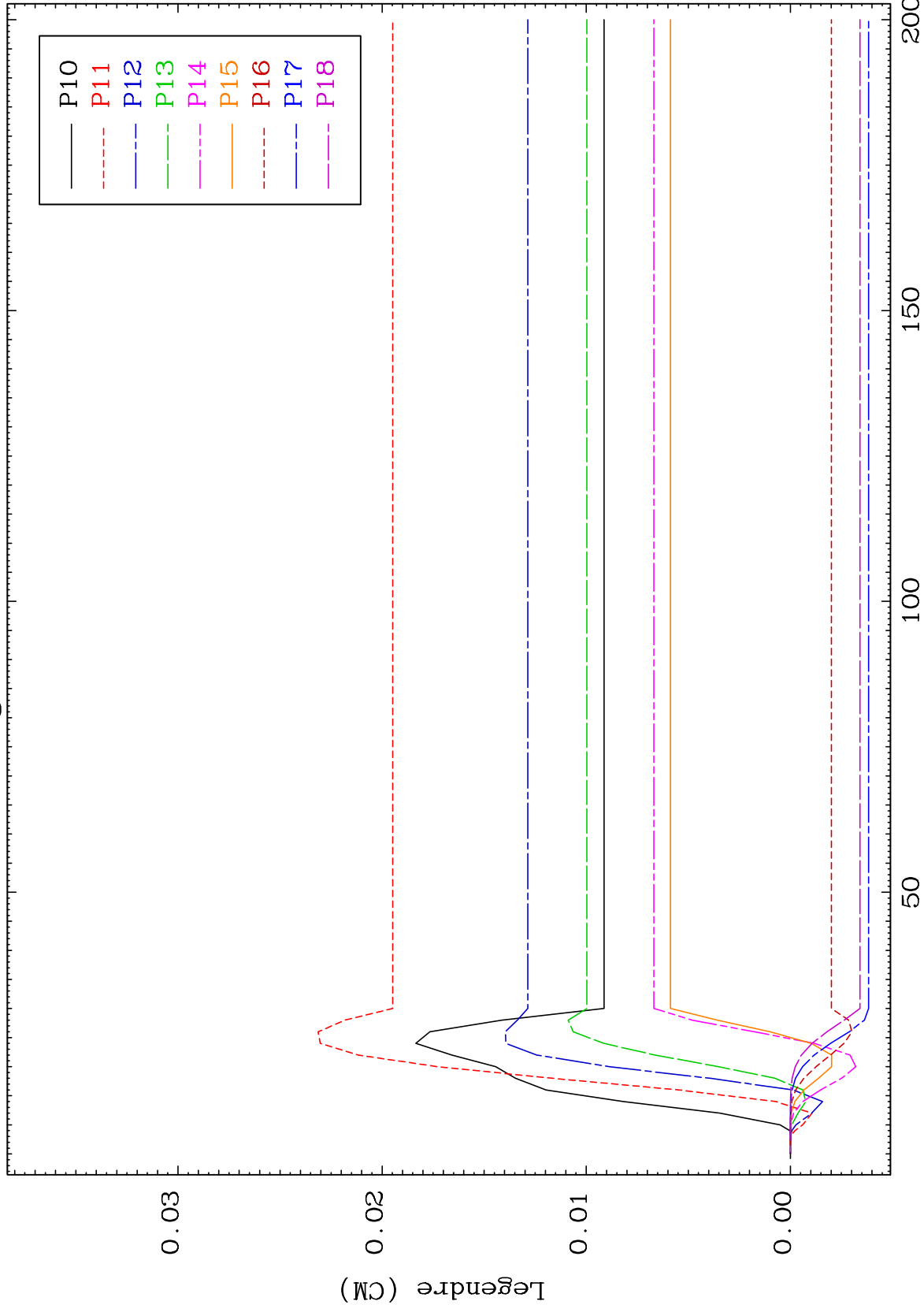
Incident Energy (MeV)

50-Sn-108

MAT 5013

MT= 66 (n,n') Level  
Legendre Coefficients

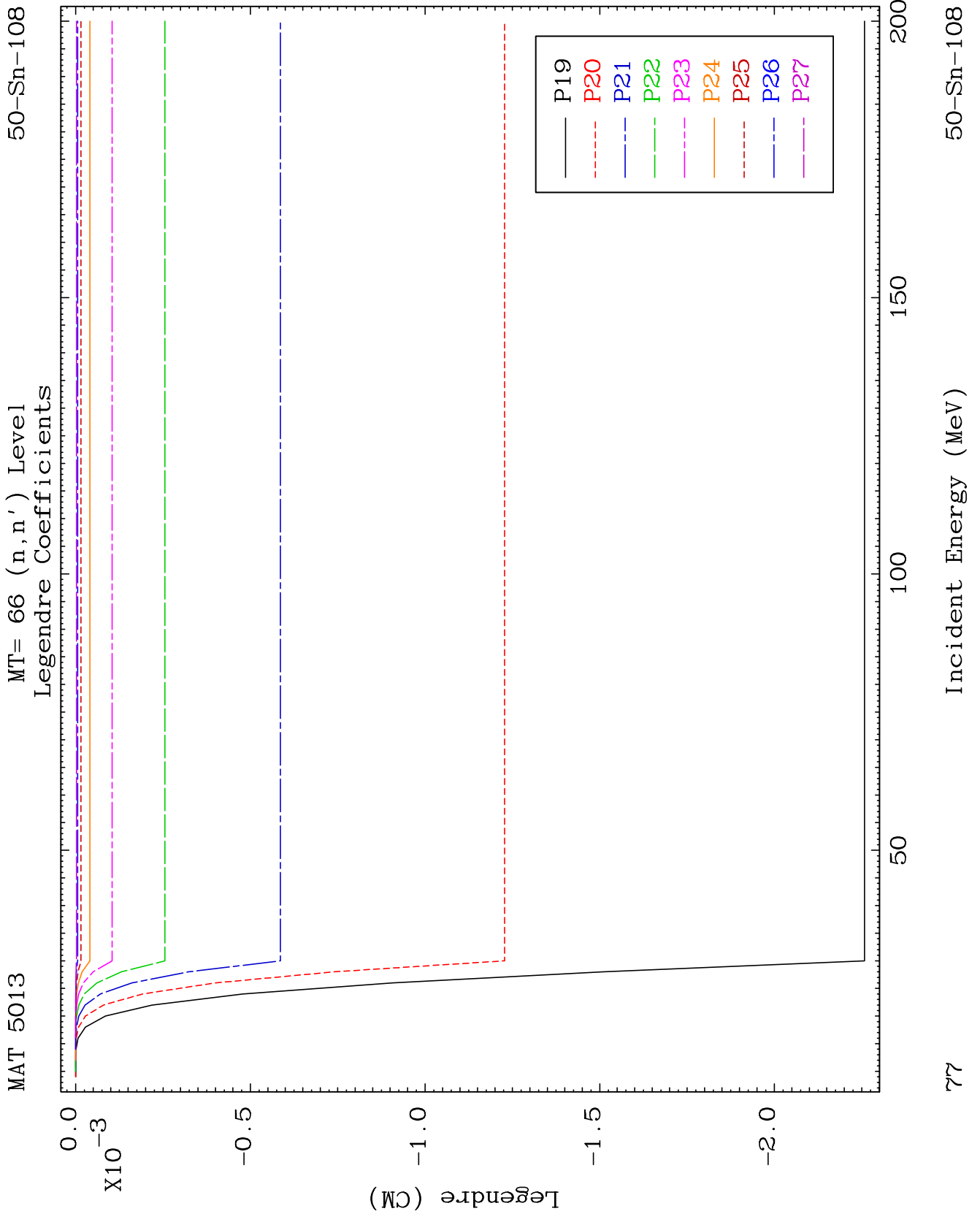
50-Sn-108

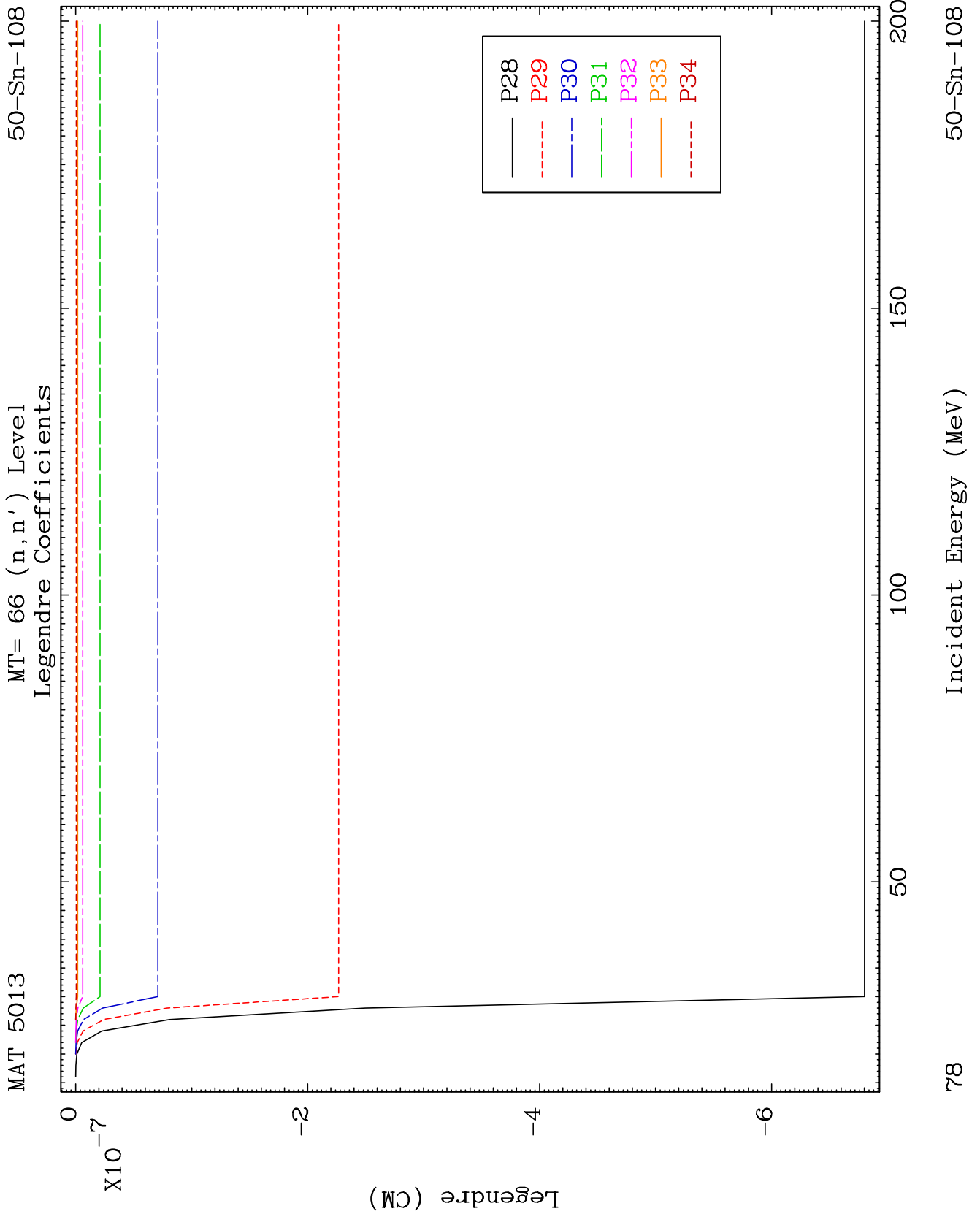


76

Incident Energy (MeV)

50-Sn-108



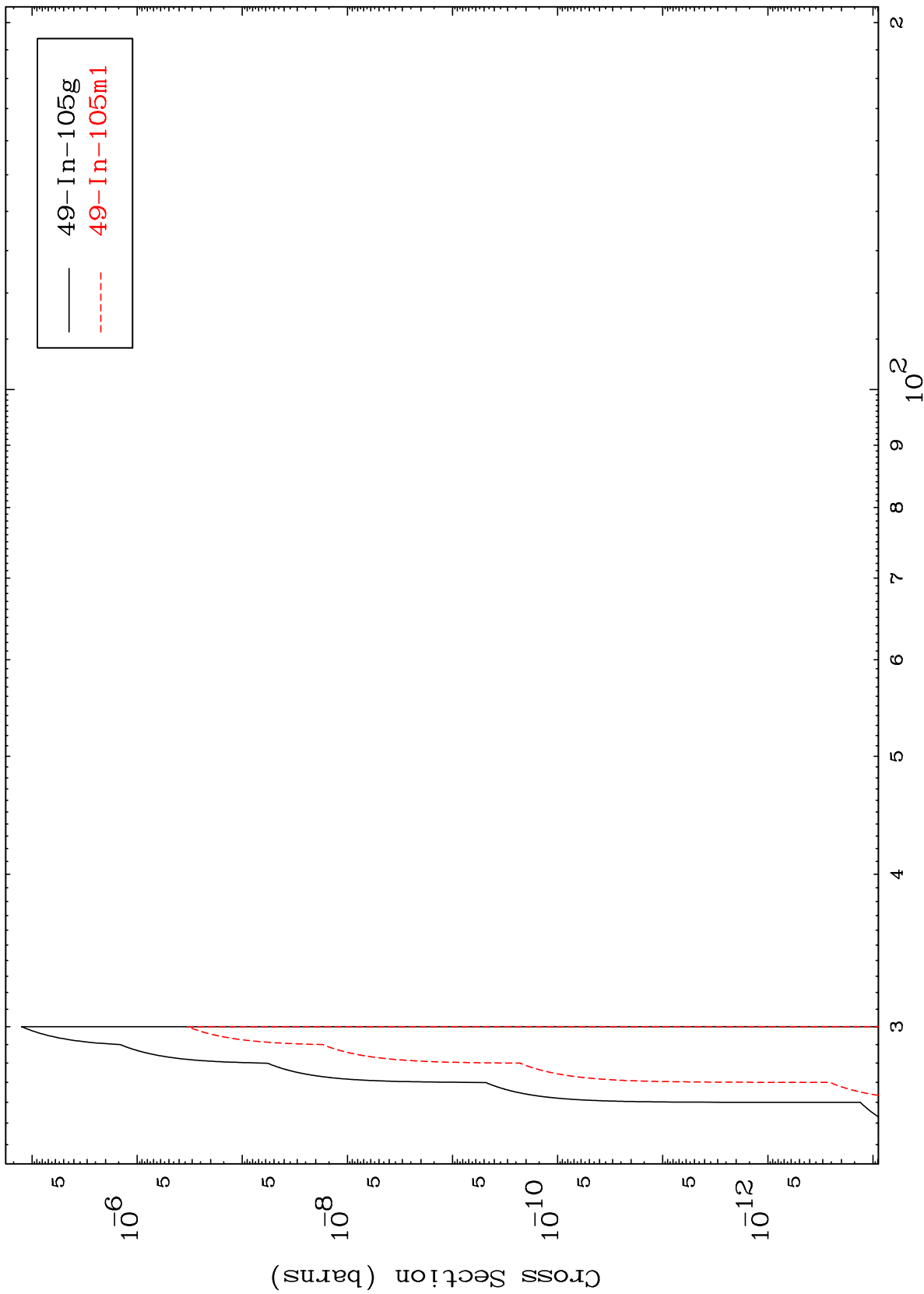


MAT 5013

(n,2n) d

50-Sn-108

Radionuclide Production Cross Section



79

Incident Energy (MeV)

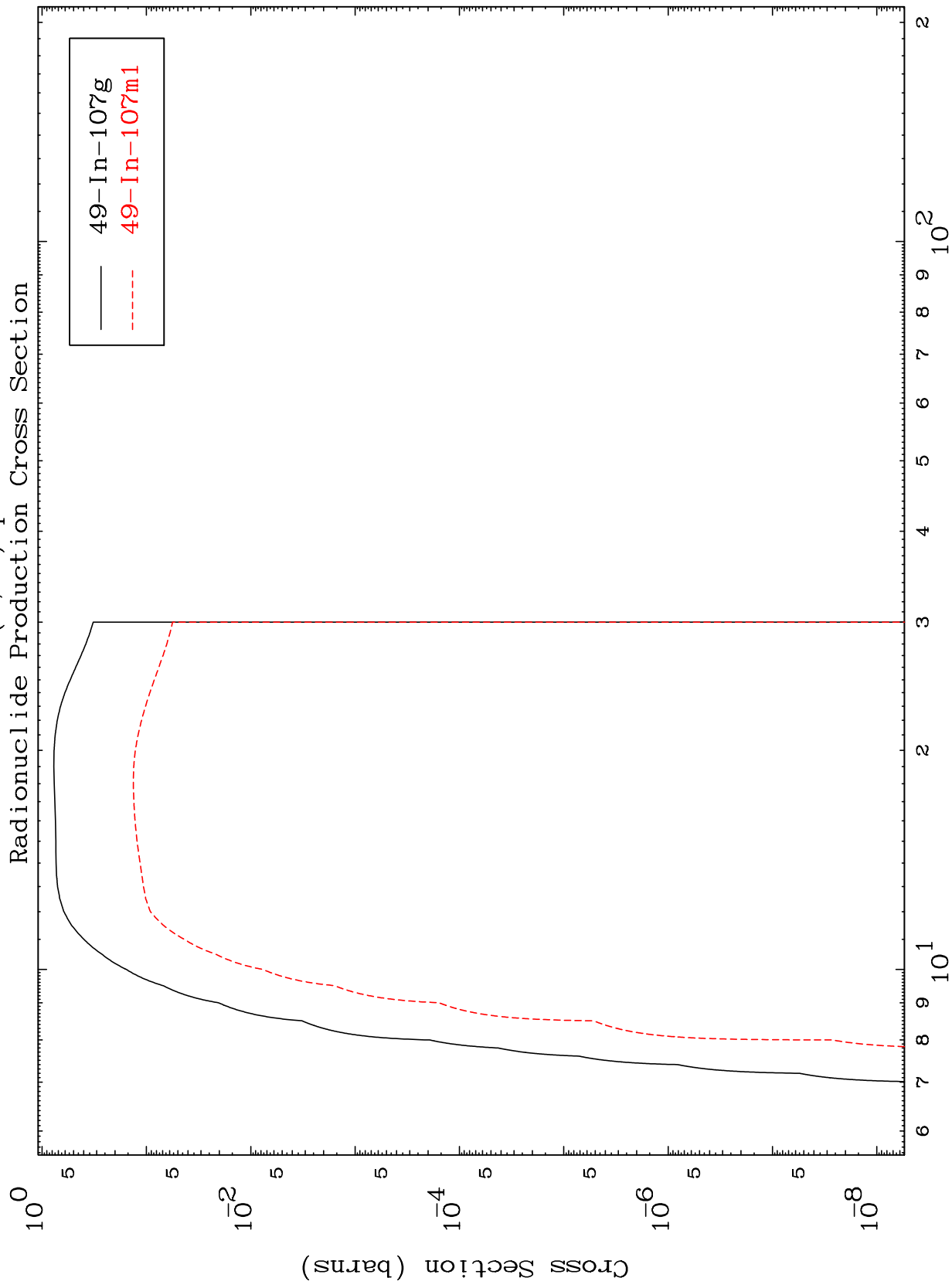
50-Sn-108



MAT 5013

(n,n') p

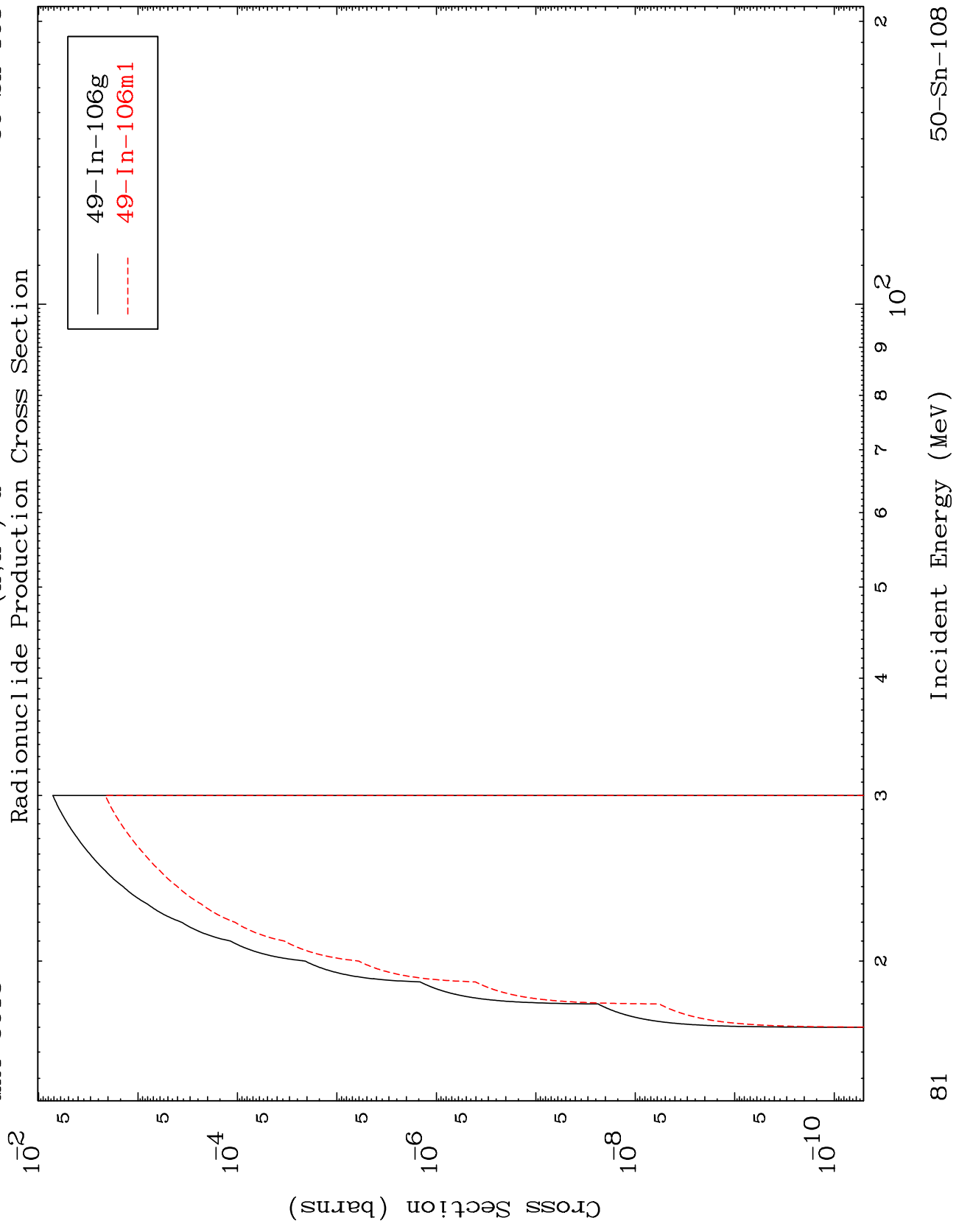
50-Sn-108



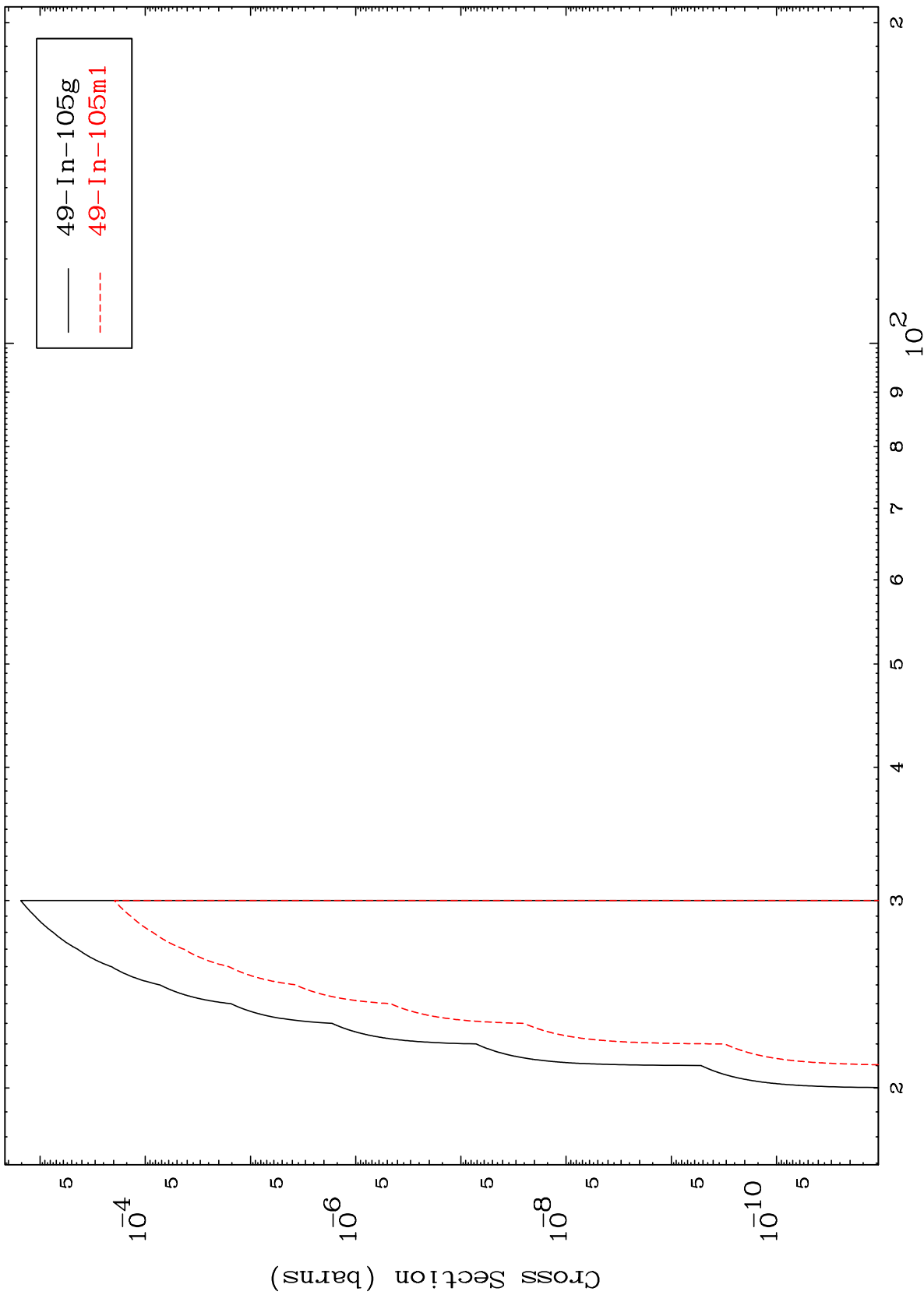
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Incident Energy (MeV)

50-Sn-108

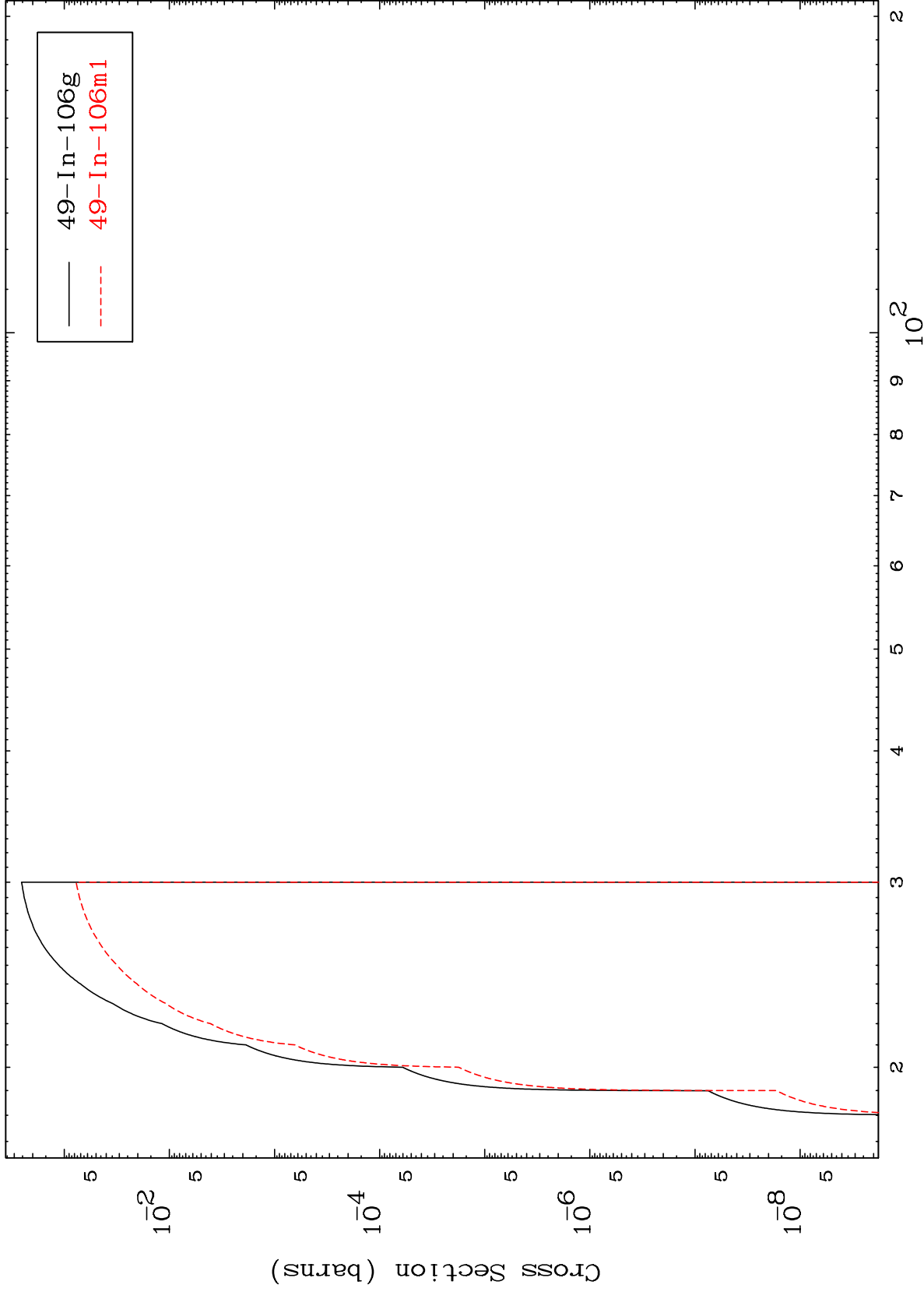


Radionuclide Production Cross Section



49-In-105g  
49-In-105m1

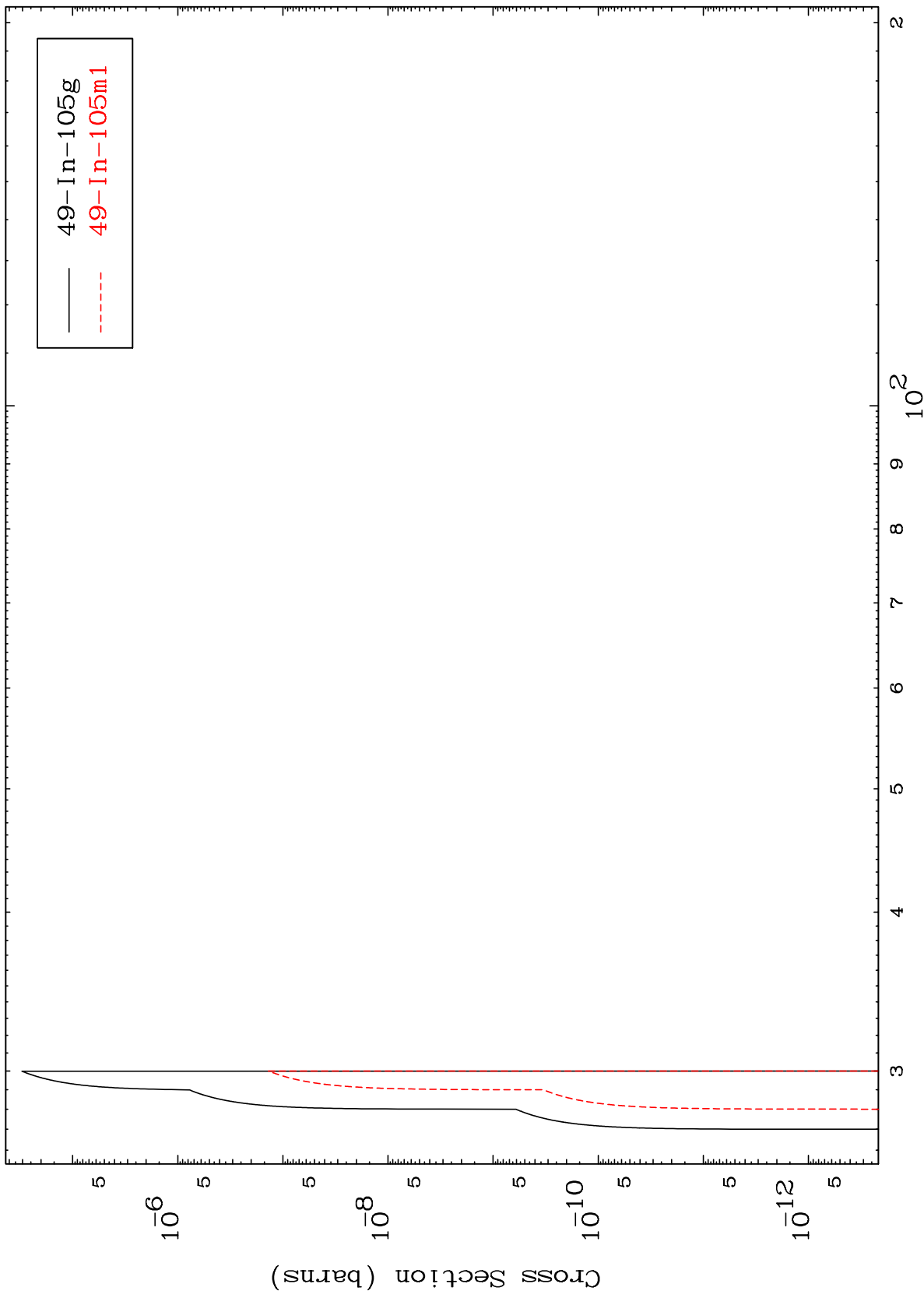
(n,2n) p  
Radionuclide Production Cross Section



MAT 5013

50-Sn-108

(n,3n) p  
Radionuclide Production Cross Section



84

50-Sn-108

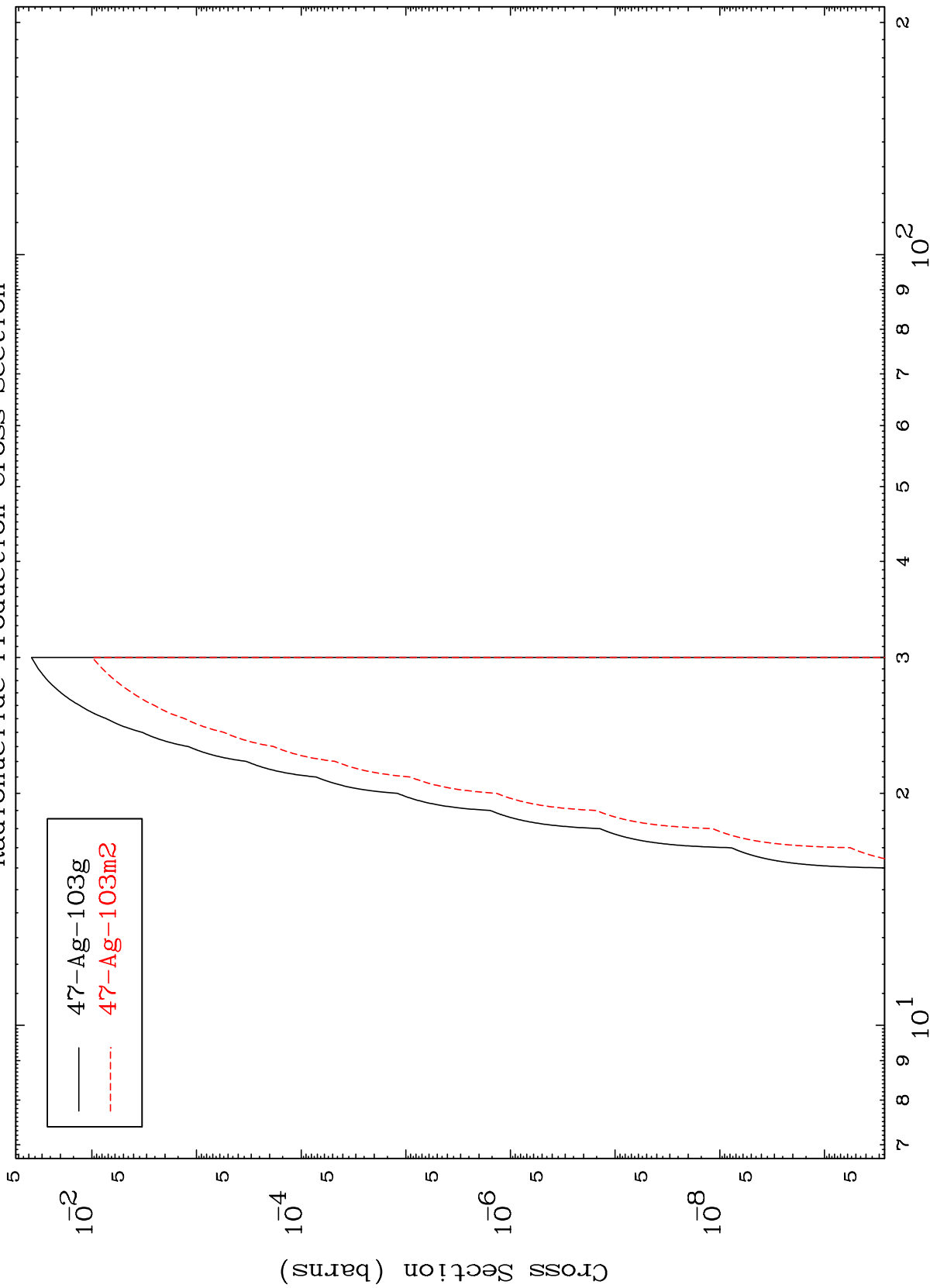
Incident Energy (MeV)

MAT 5013

(n,n') p  $\alpha$

50-Sn-108

Radionuclide Production Cross Section



85

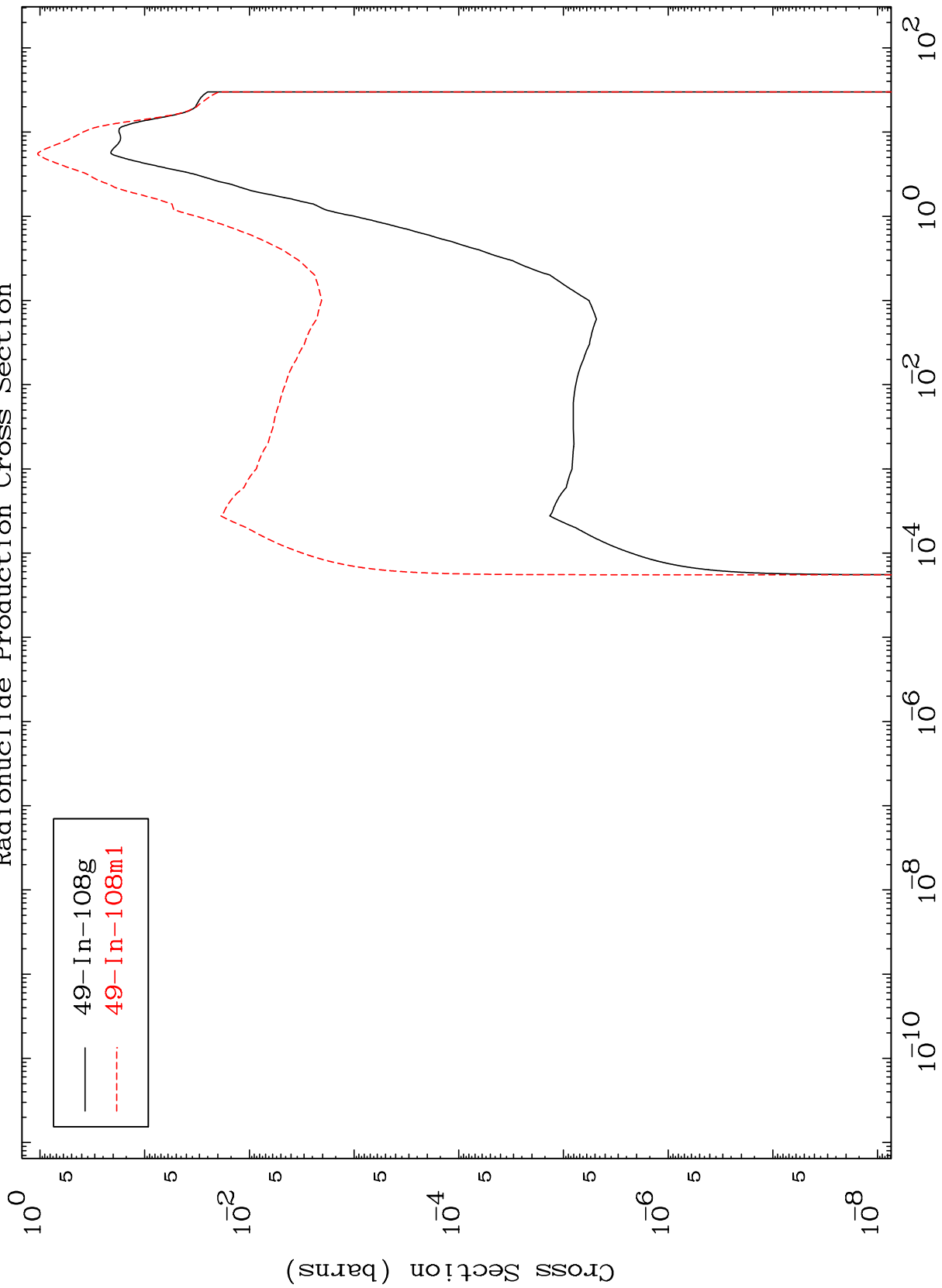
Incident Energy (MeV)

50-Sn-108

MAT 5013

50-Sn-108

Radionuclide Production Cross Section

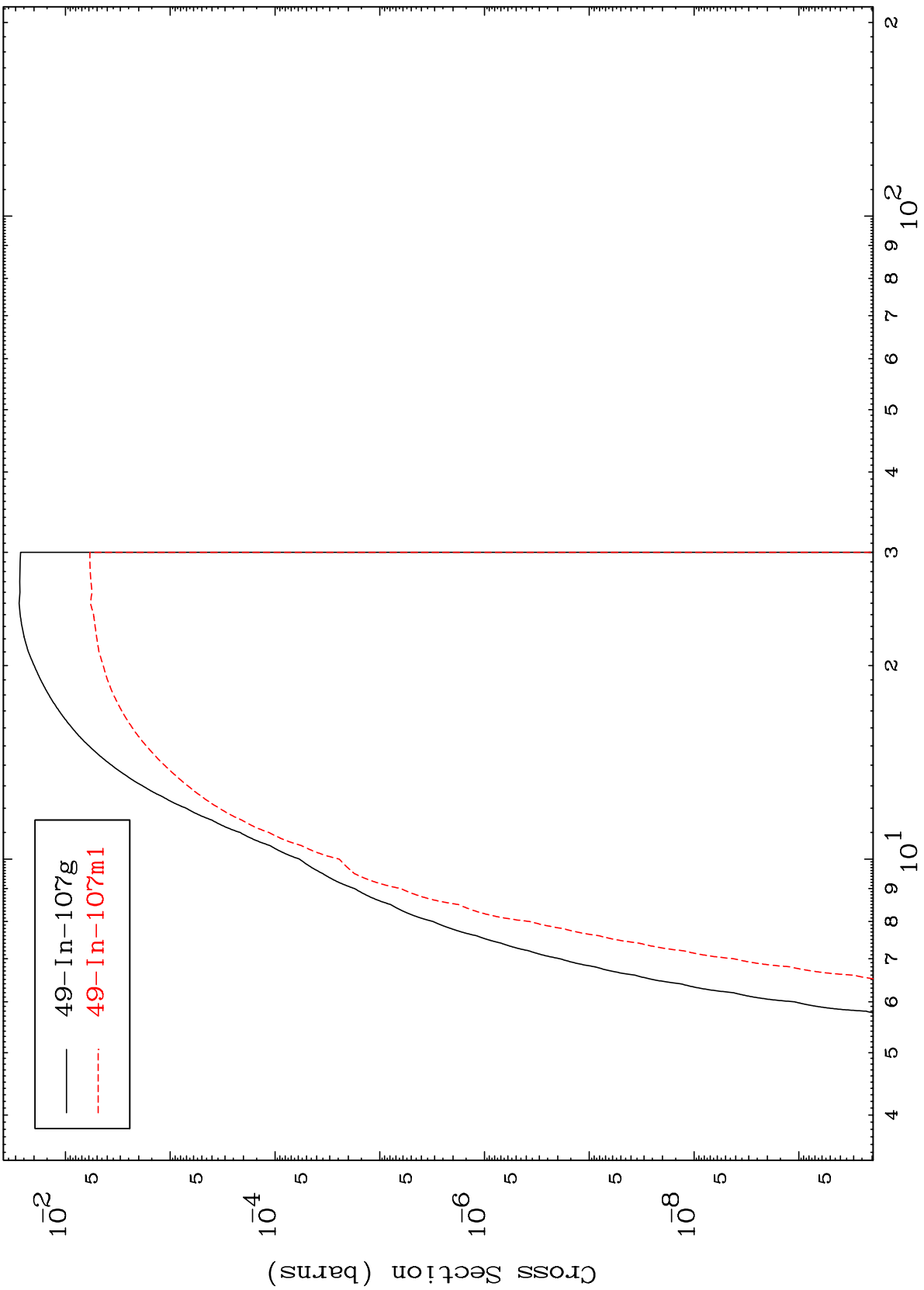


49-In-108g  
49-In-108m1

MAT 5013

50-Sn-108

(n,d)  
Radionuclide Production Cross Section



87

50-Sn-108

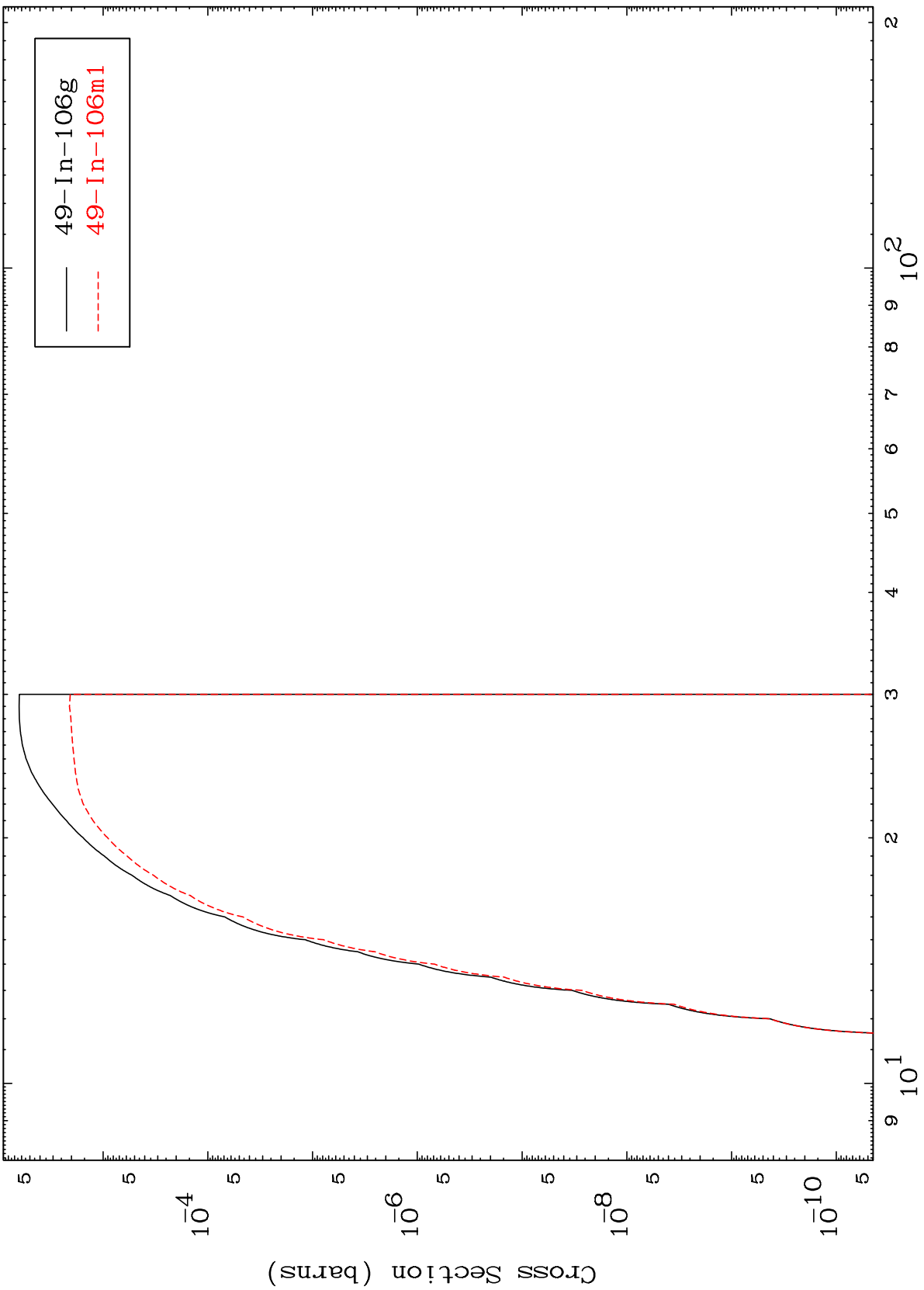
Incident Energy (MeV)



MAT 5013

50-Sn-108

(n,t)  
Radionuclide Production Cross Section



88

Incident Energy (MeV)

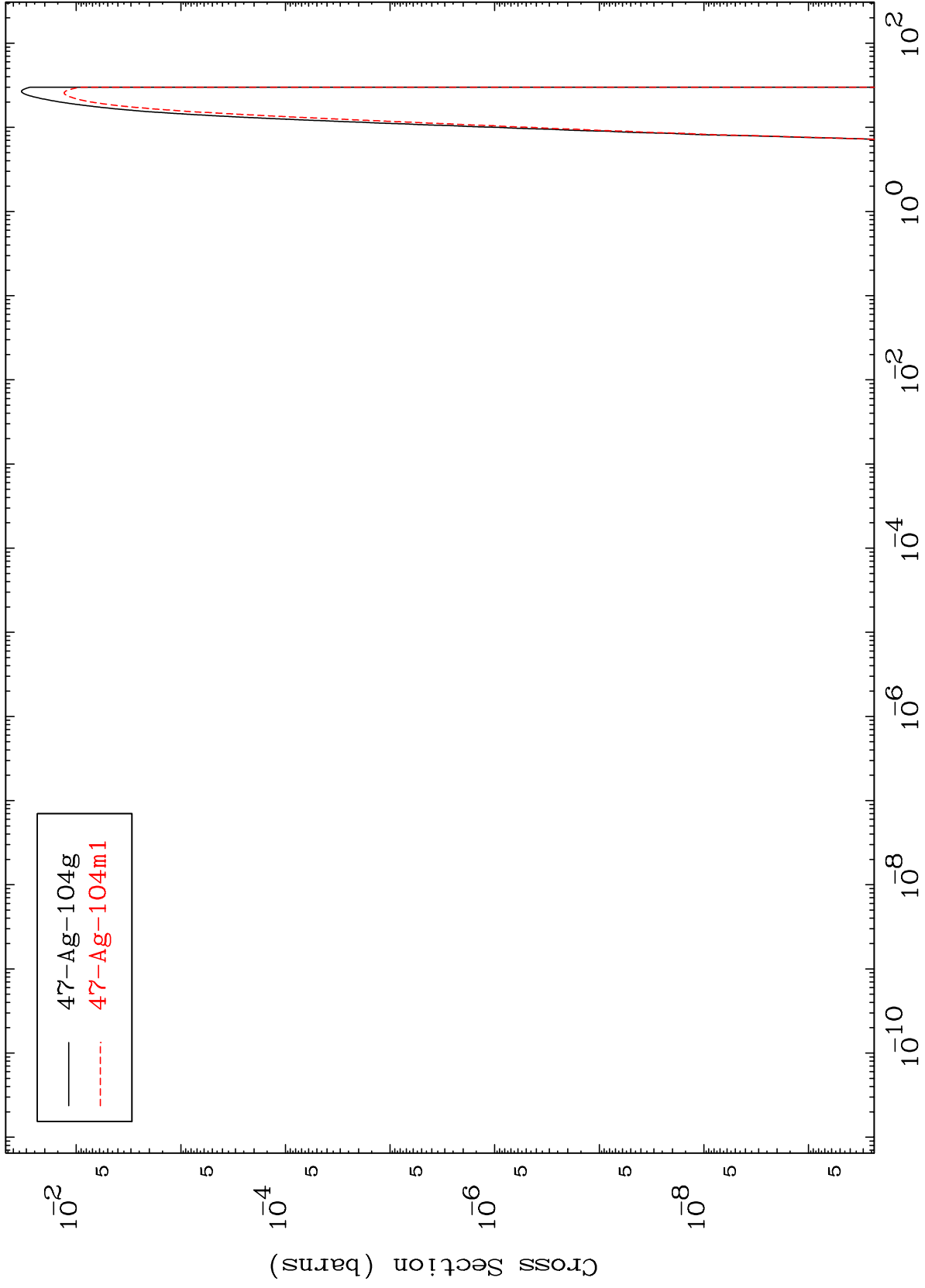
50-Sn-108

MAT 5013

(n,p)  $\alpha$

50-Sn-108

Radionuclide Production Cross Section



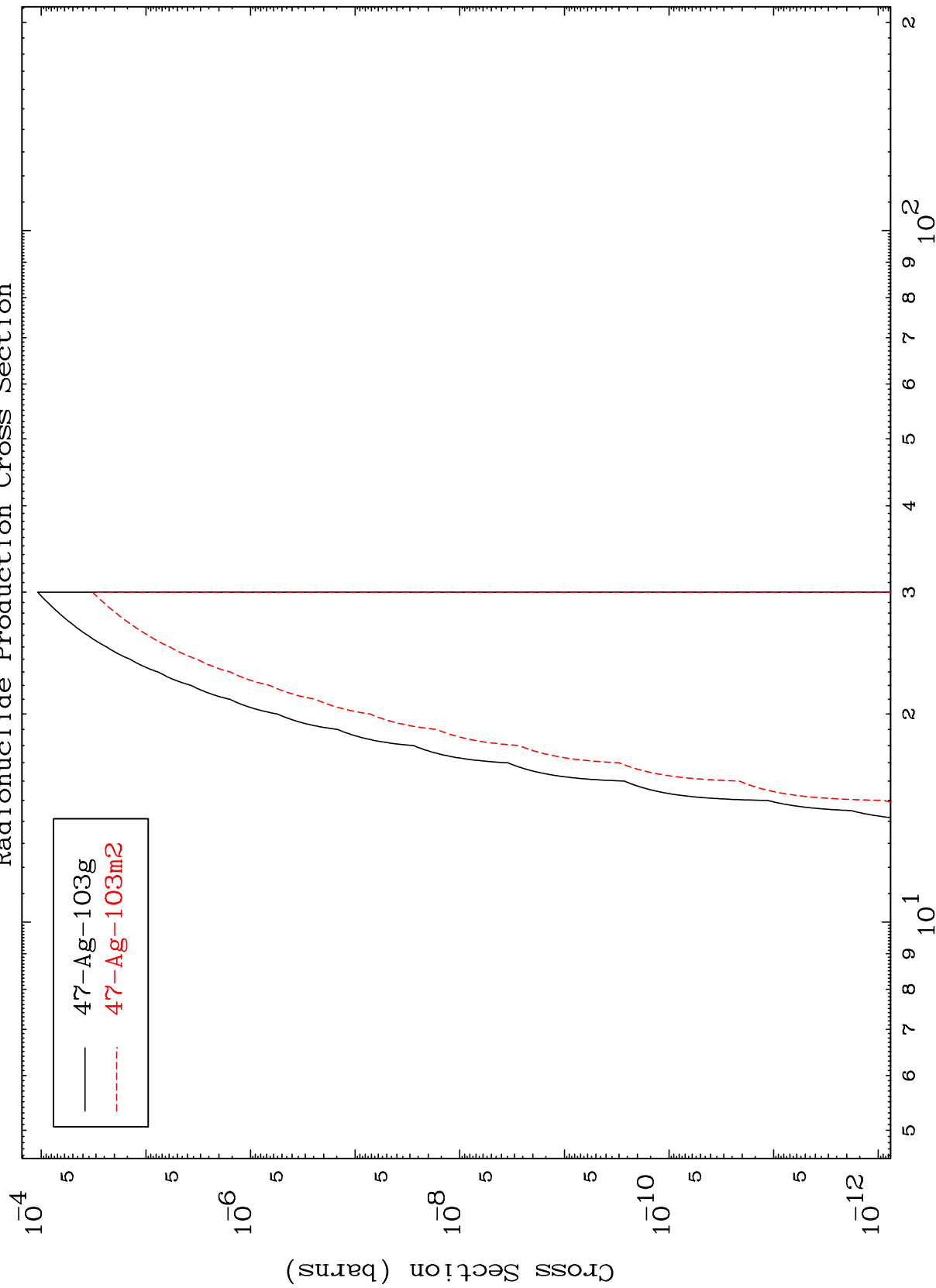
— 47-Ag-104g  
- - - 47-Ag-104m1

MAT 5013

(n,d)  $\alpha$

50-Sn-108

Radionuclide Production Cross Section



— 47-Ag-103g  
- - - 47-Ag-103m2

90

Incident Energy (MeV)

50-Sn-108