

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

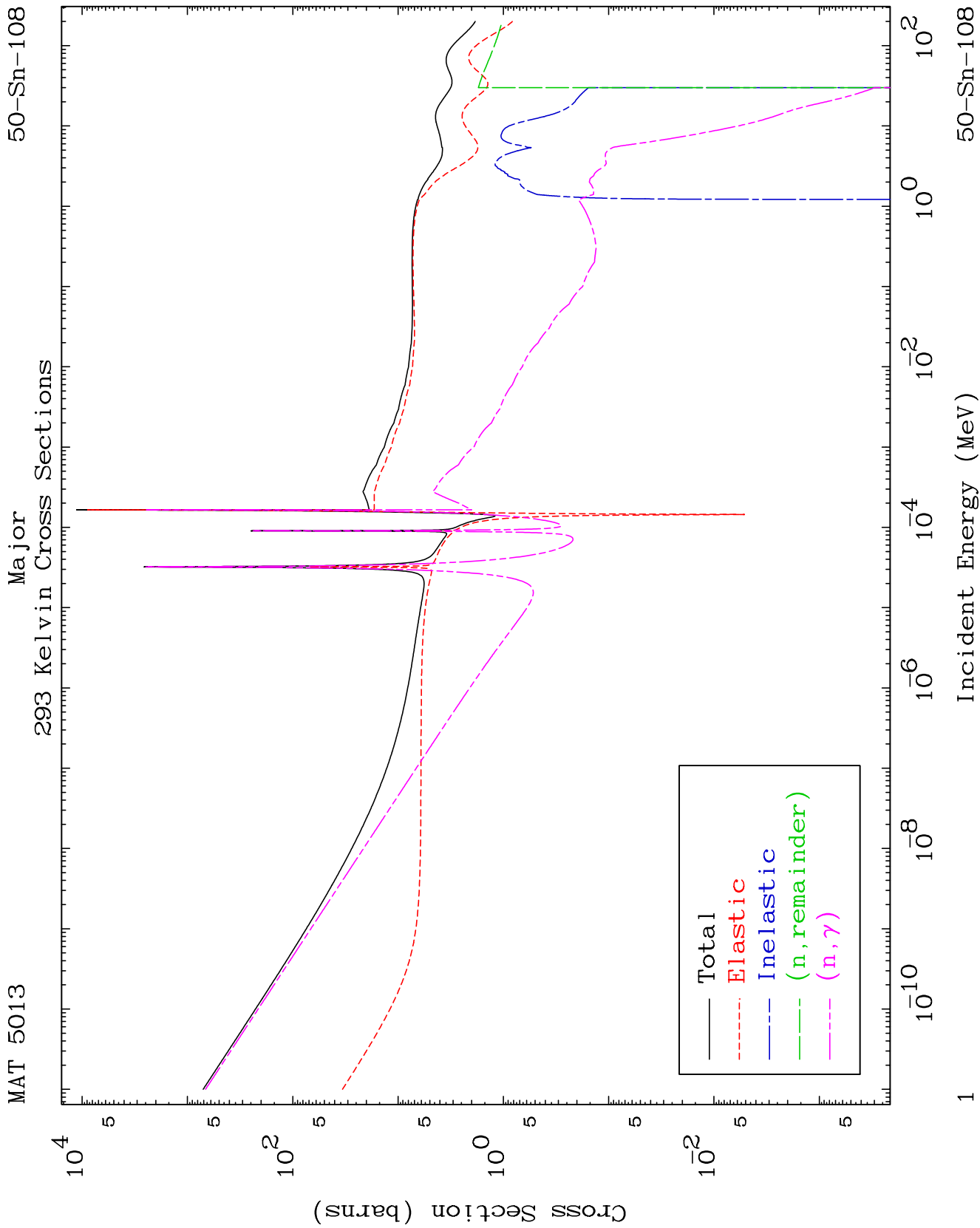
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

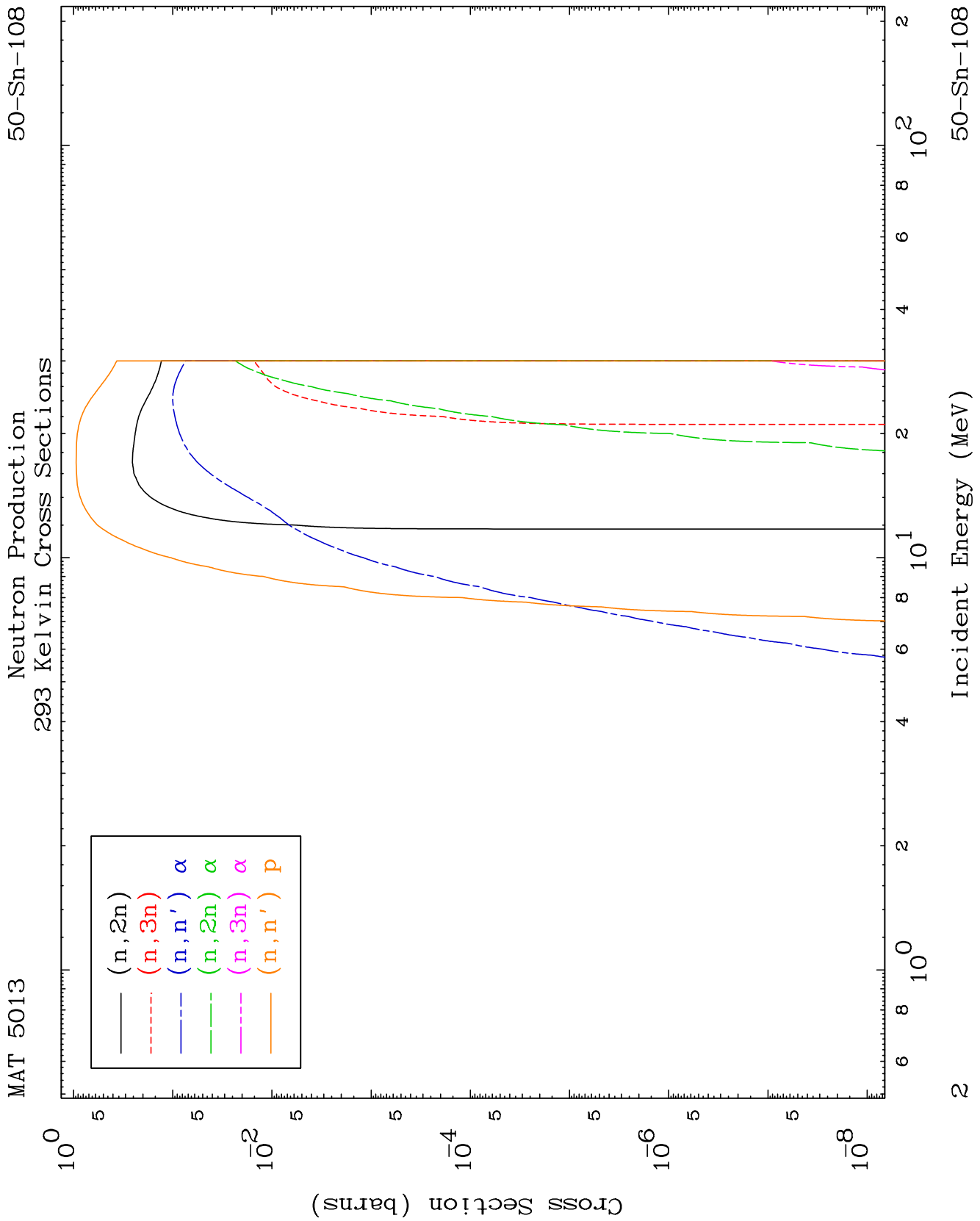
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

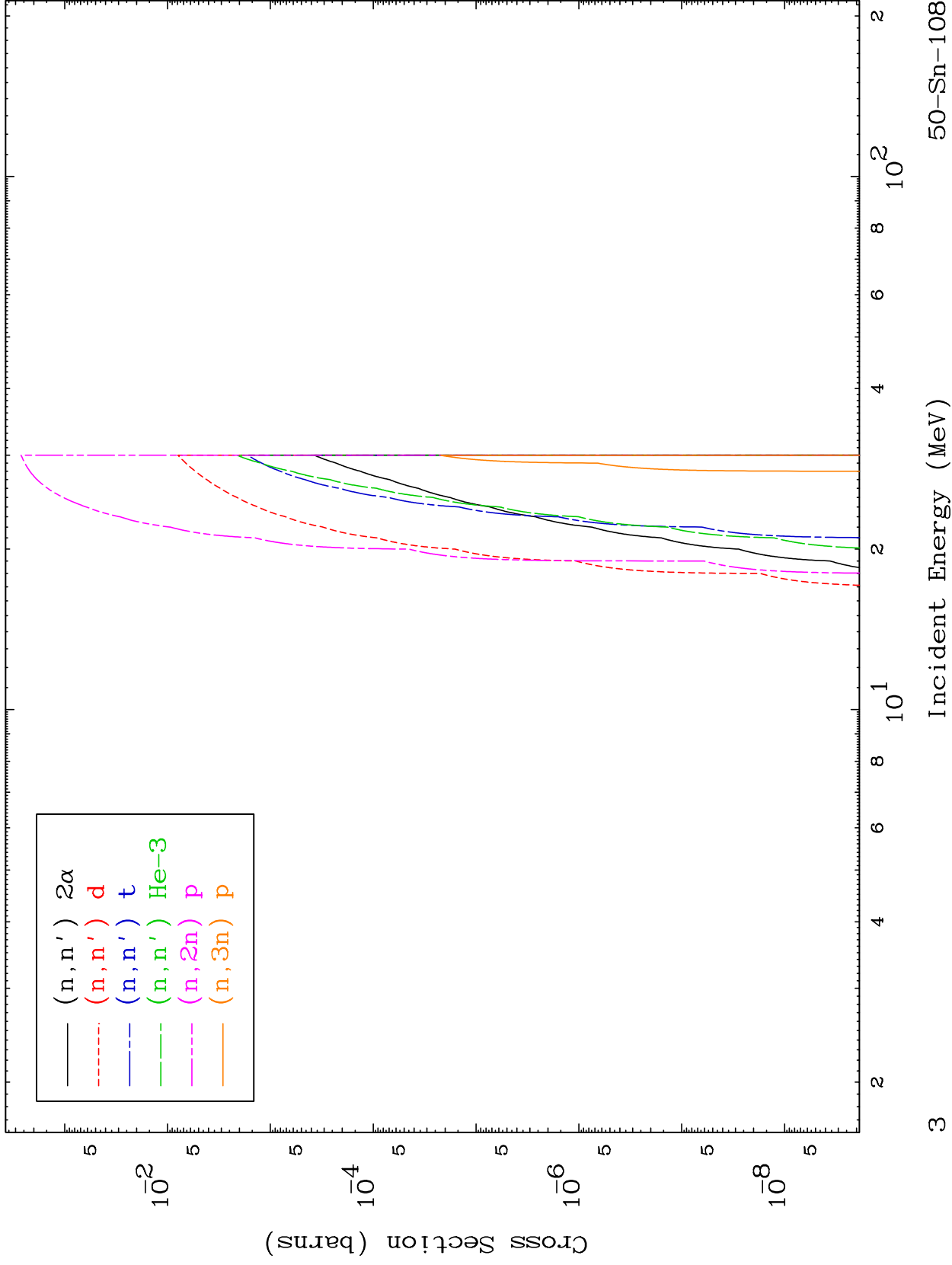


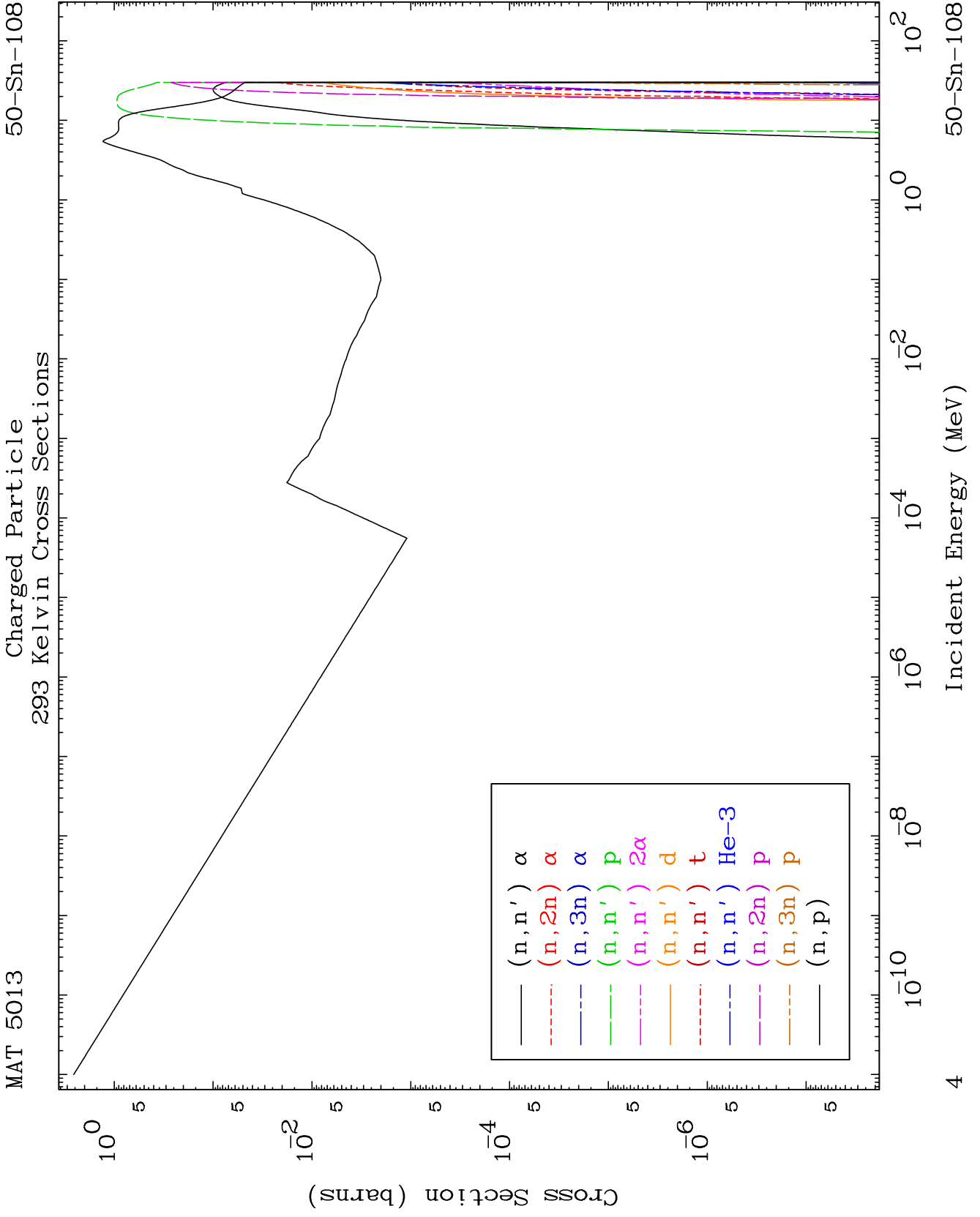


MAT 5013

Neutron Production
293 Kelvin Cross Sections

50-Sn-108

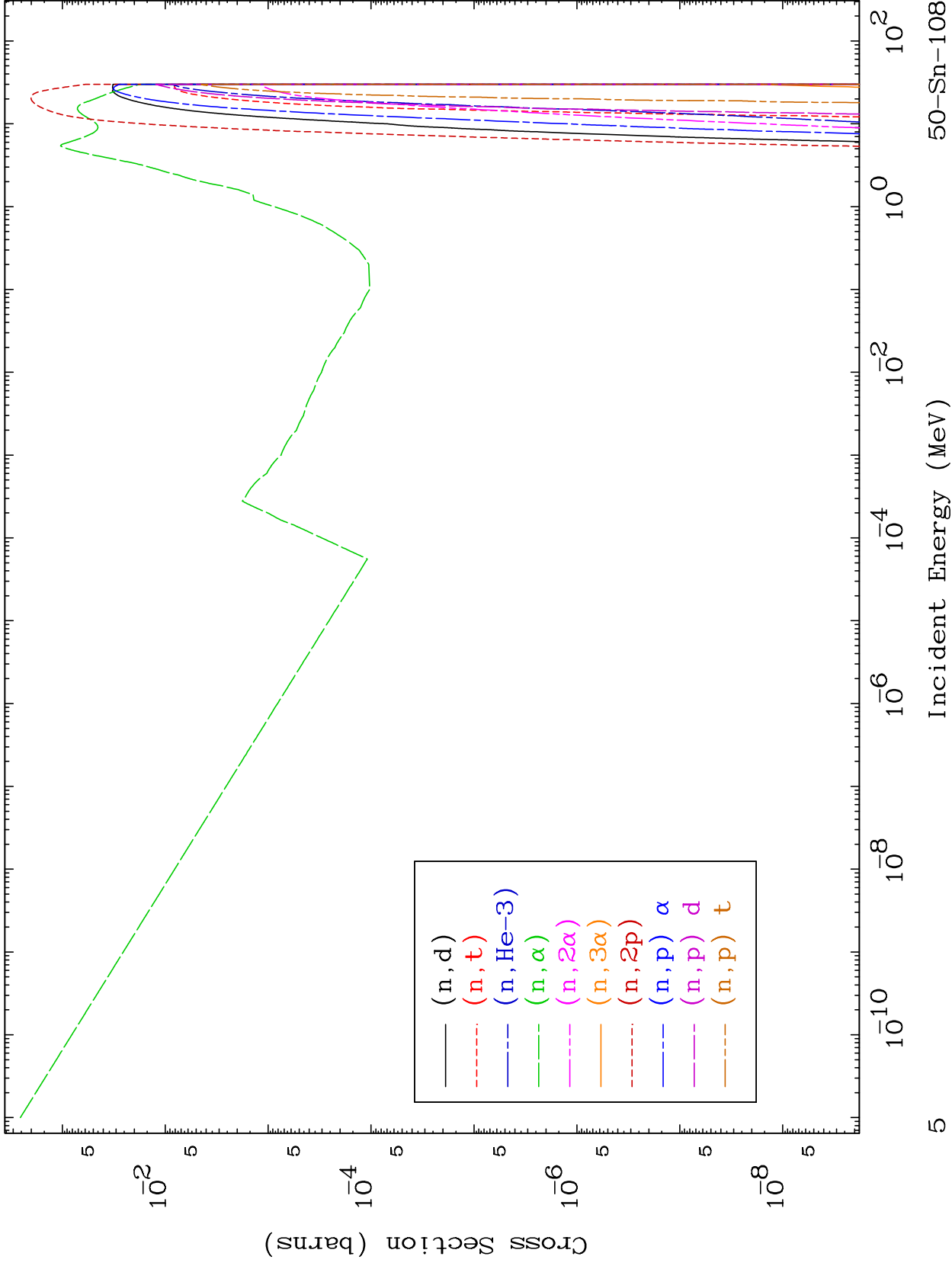




MAT 5013

Charged Particle
293 Kelvin Cross Sections

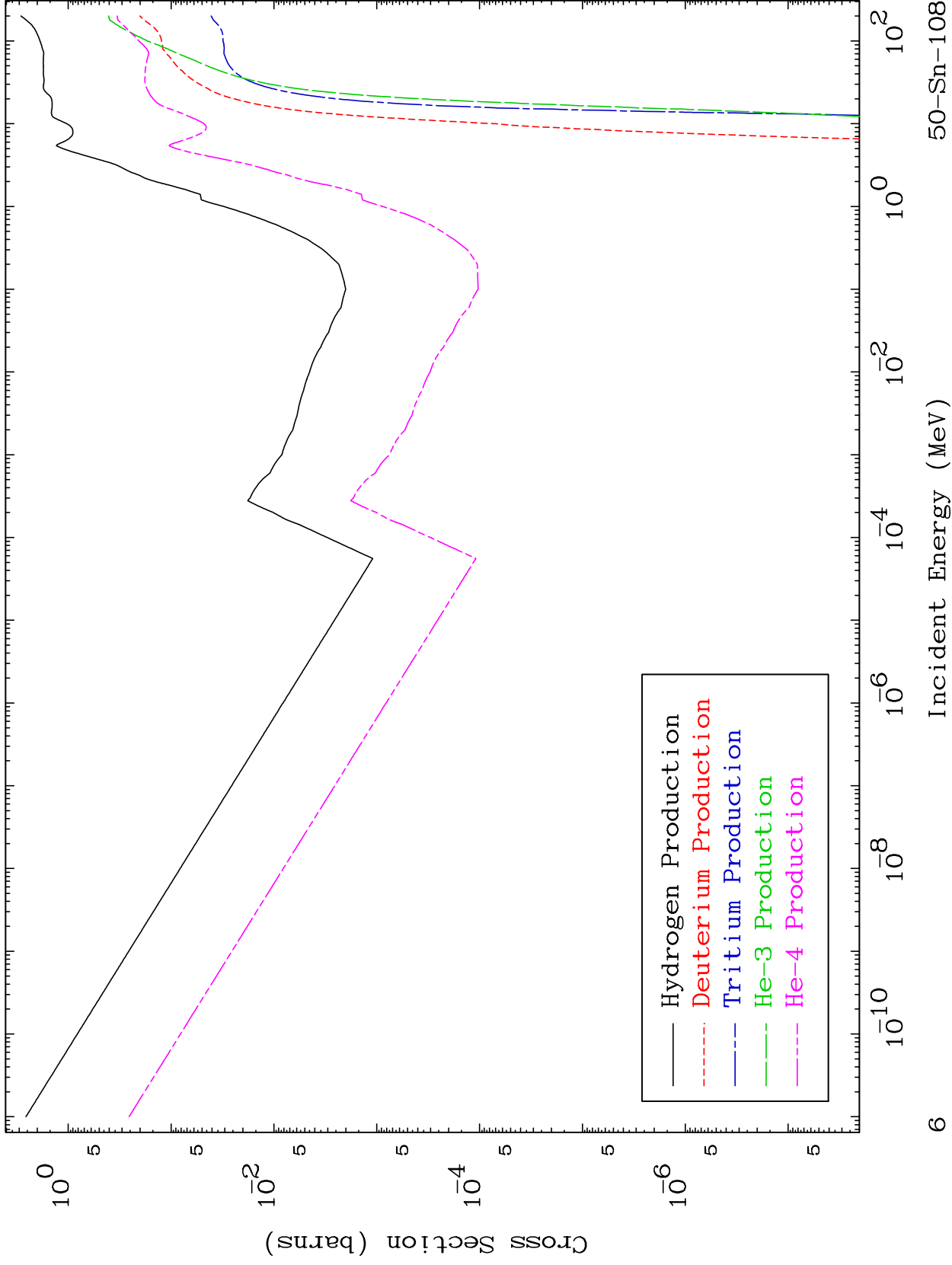
50-Sn-108



MAT 5013

Particle Production
293 Kelvin Cross Sections

50-Sn-108

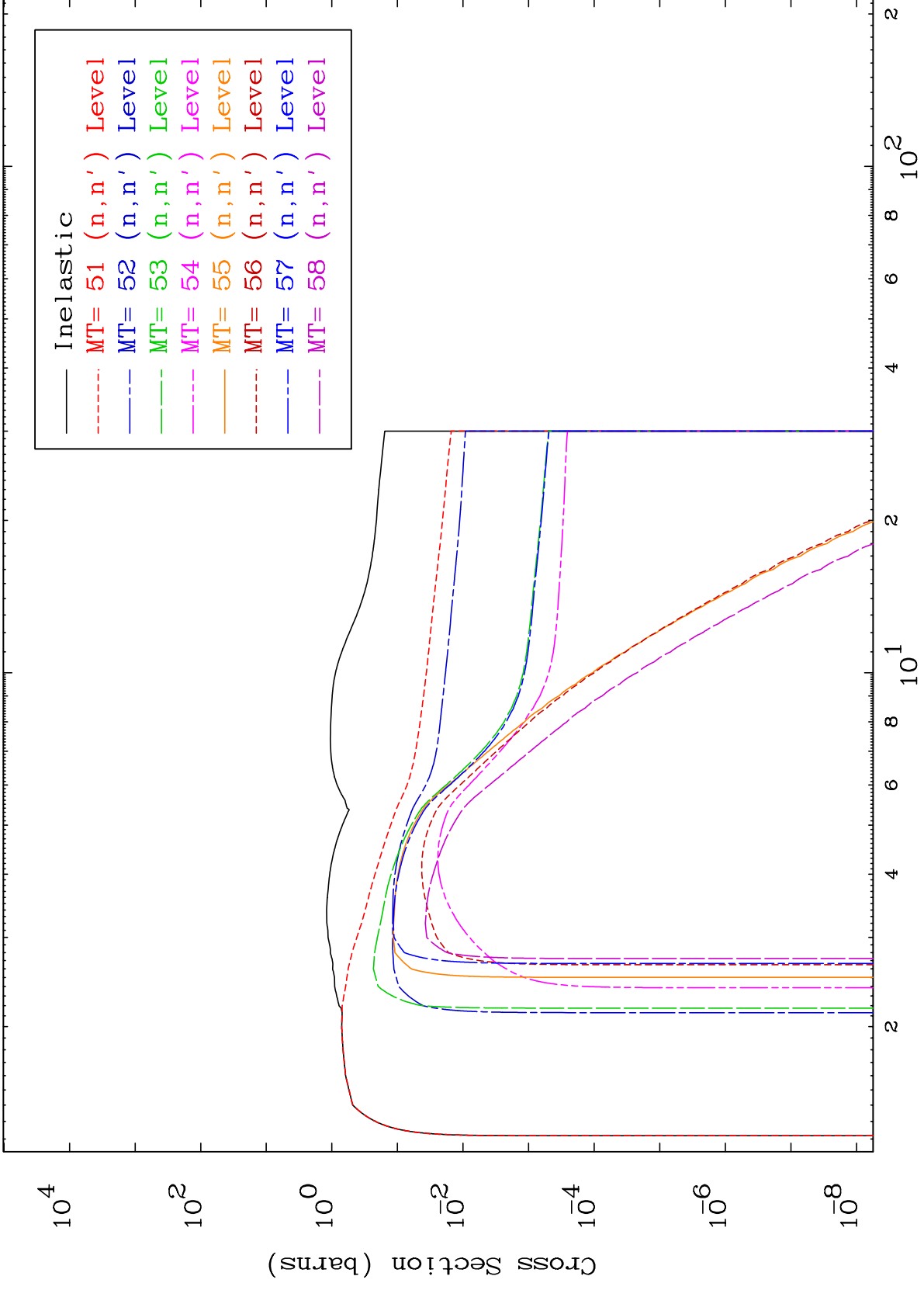


MAT 5013

(n,n') Level

50-Sn-108

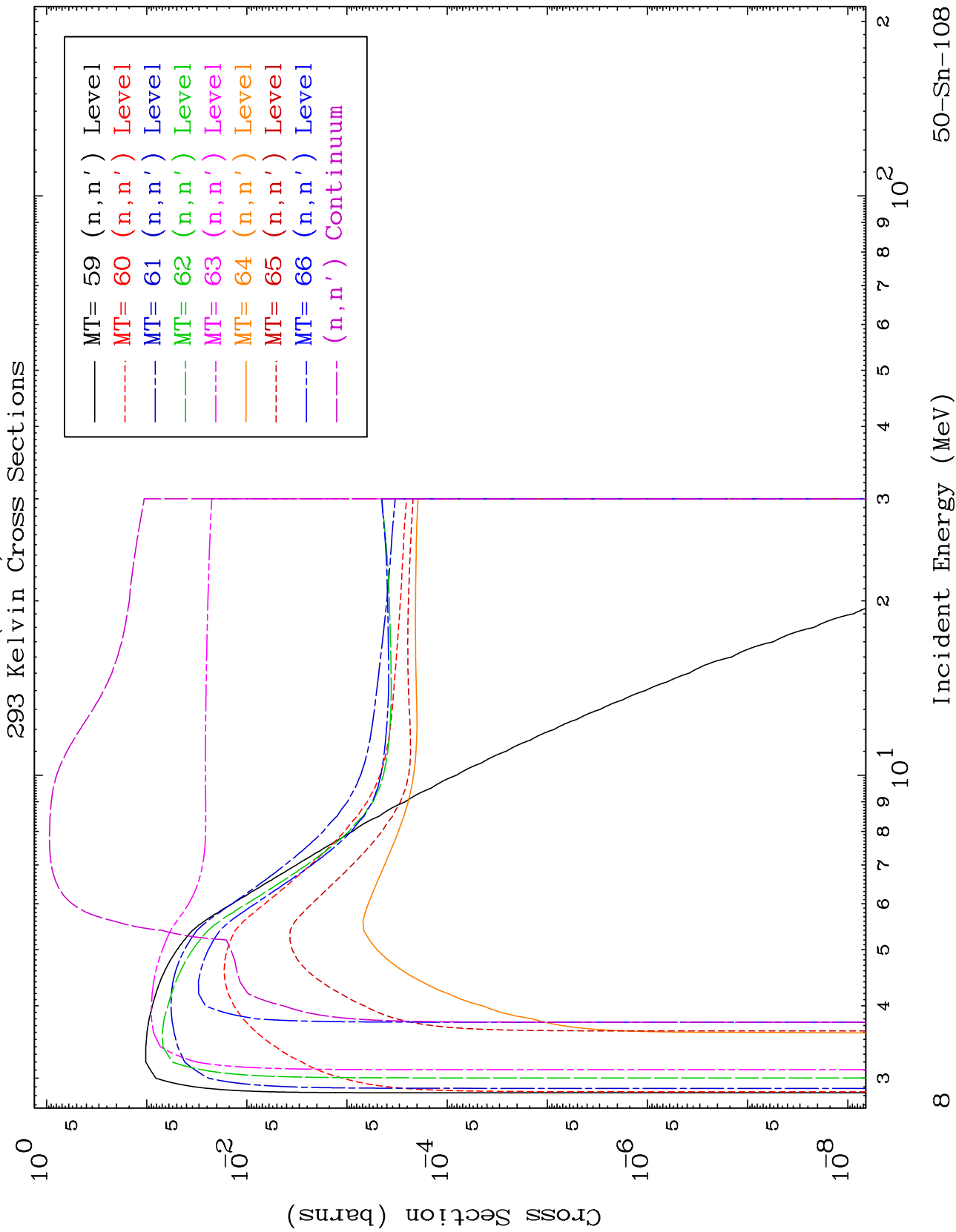
293 Kelvin Cross Sections



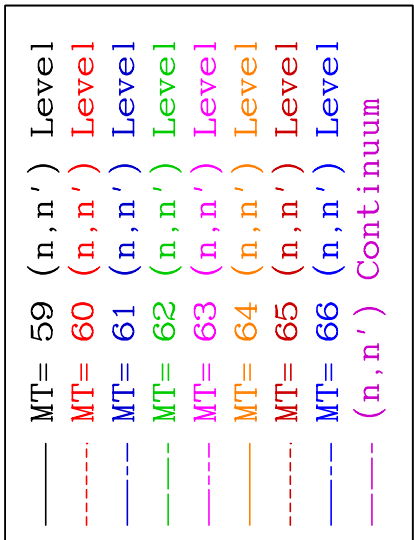
MAT 5013

(n,n') Level

50-Sn-108



293 Kelvin Cross Sections



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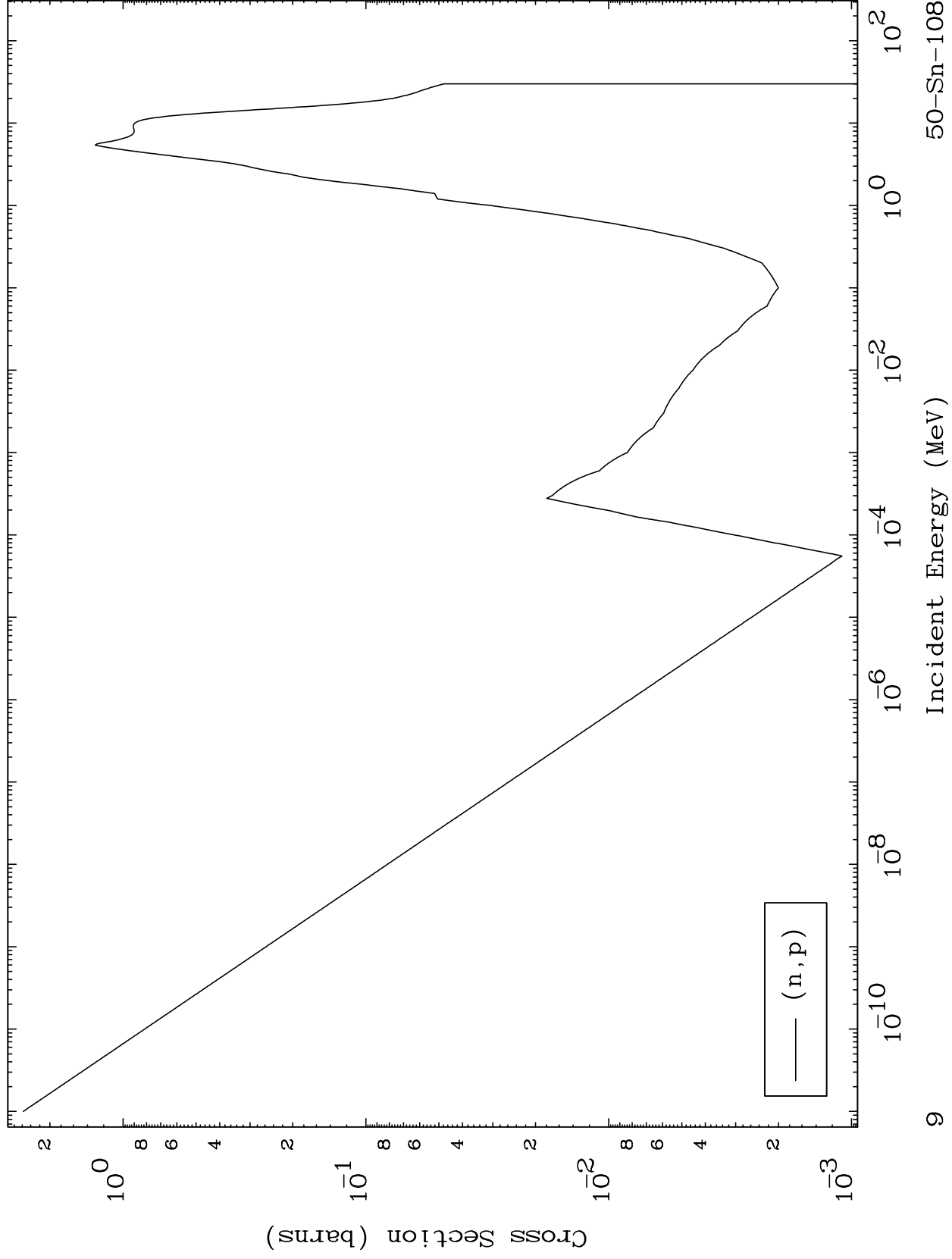
Incident Energy (MeV)

50-Sn-108

MAT 5013

(n,p) Levels
293 Kelvin Cross Sections

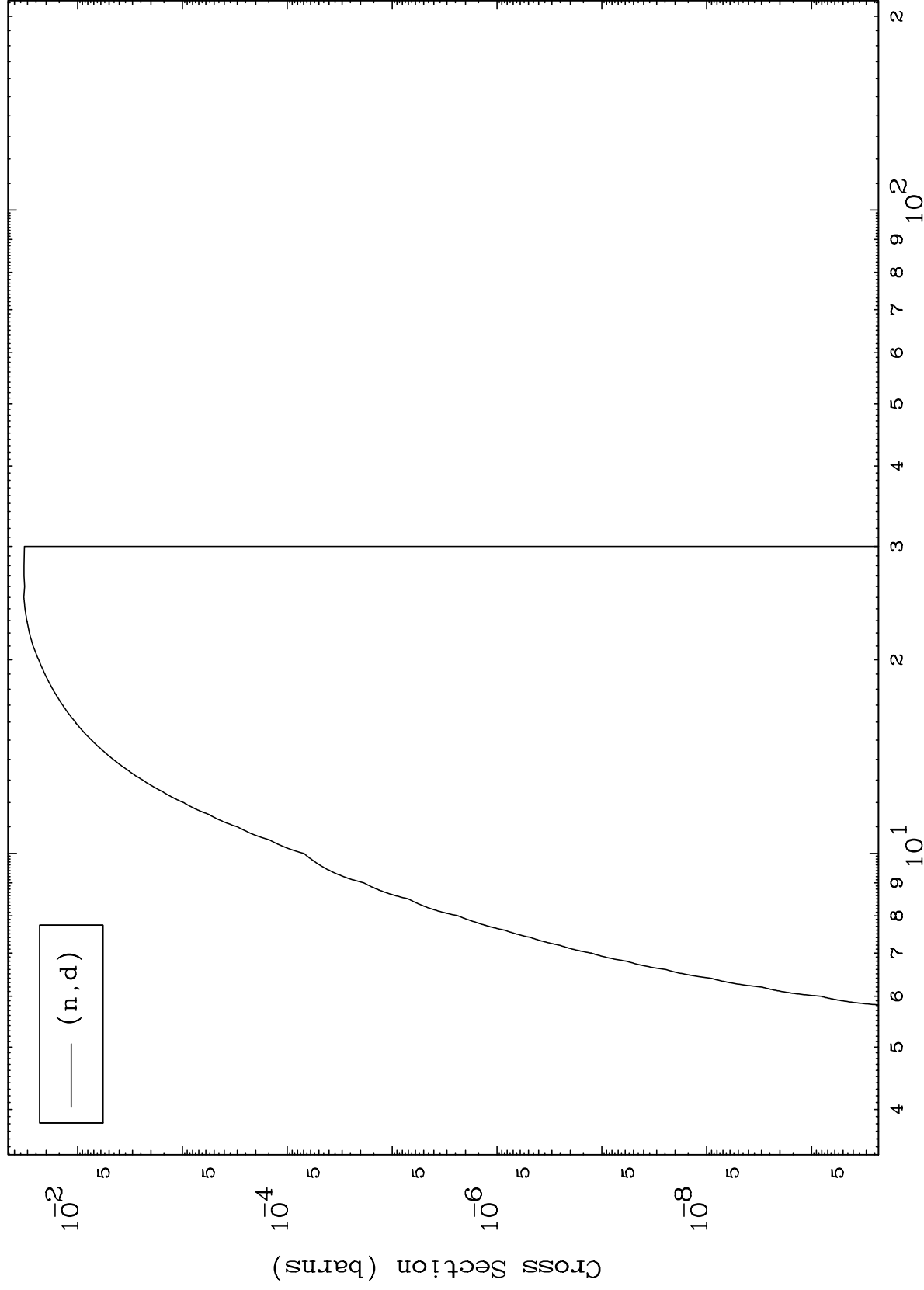
50-Sn-108



MAT 5013

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-108



50-Sn-108

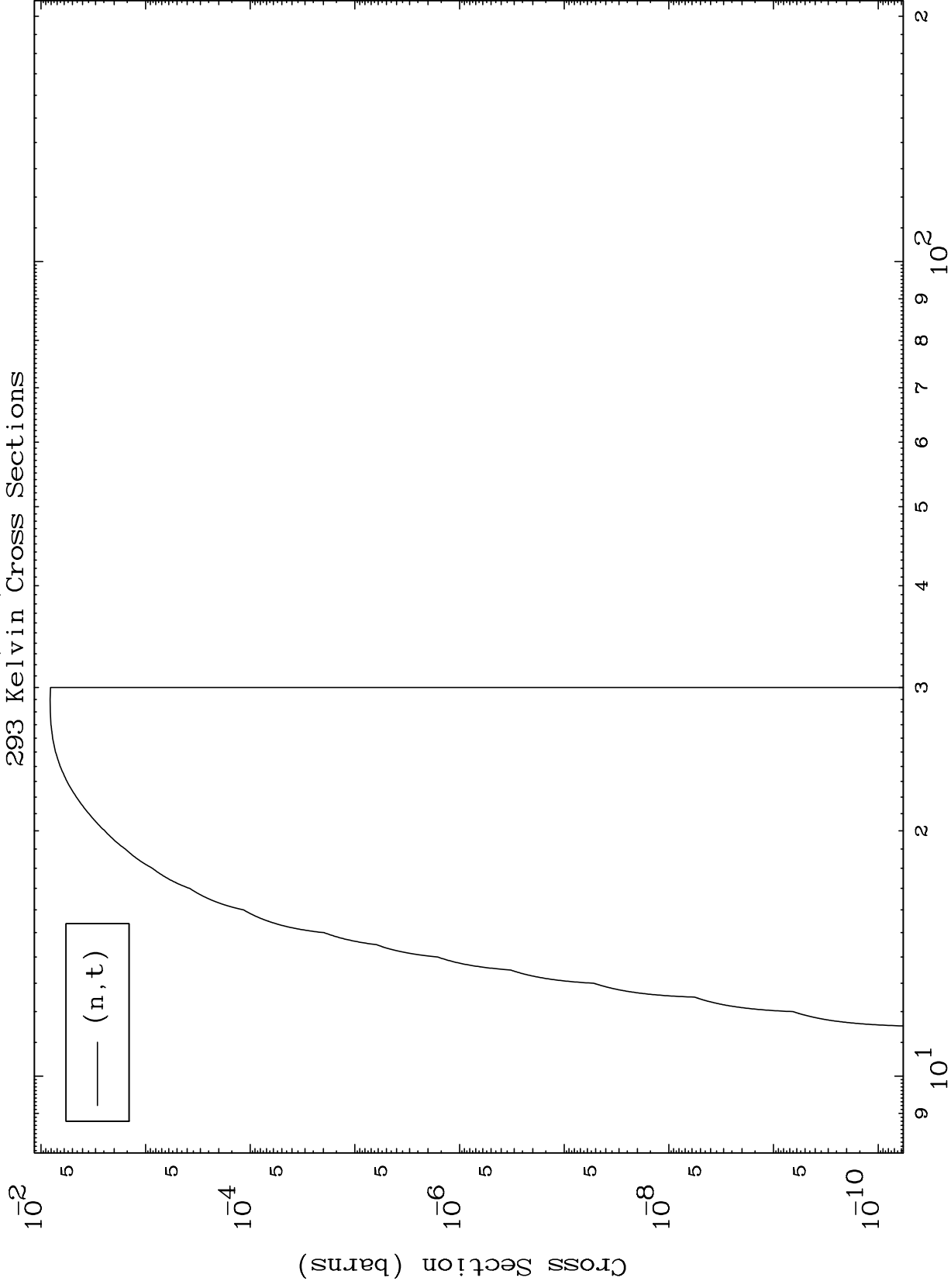
Incident Energy (MeV)

10

MAT 5013

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-108



11

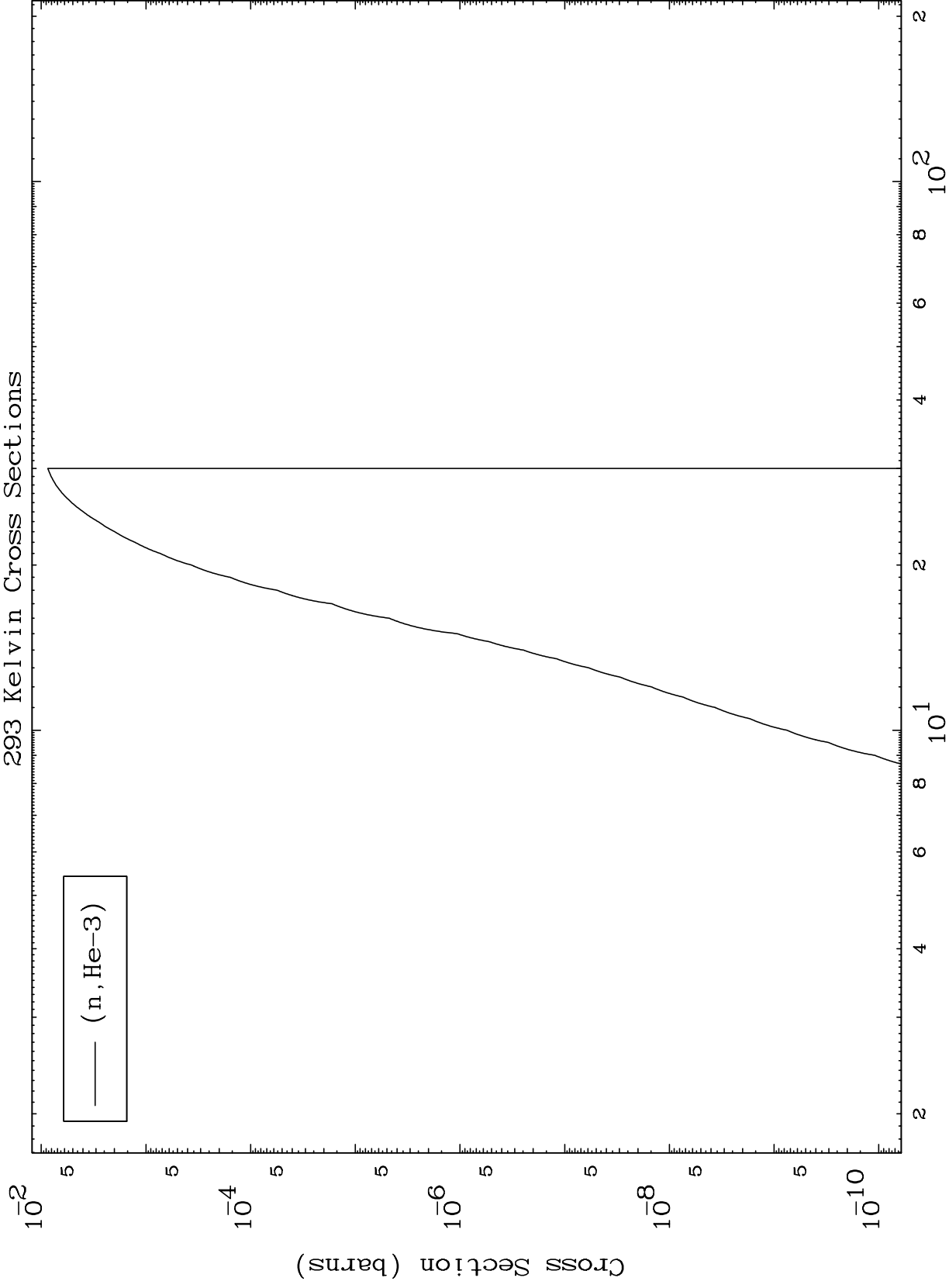
Incident Energy (MeV)

50-Sn-108

MAT 5013

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-108



12

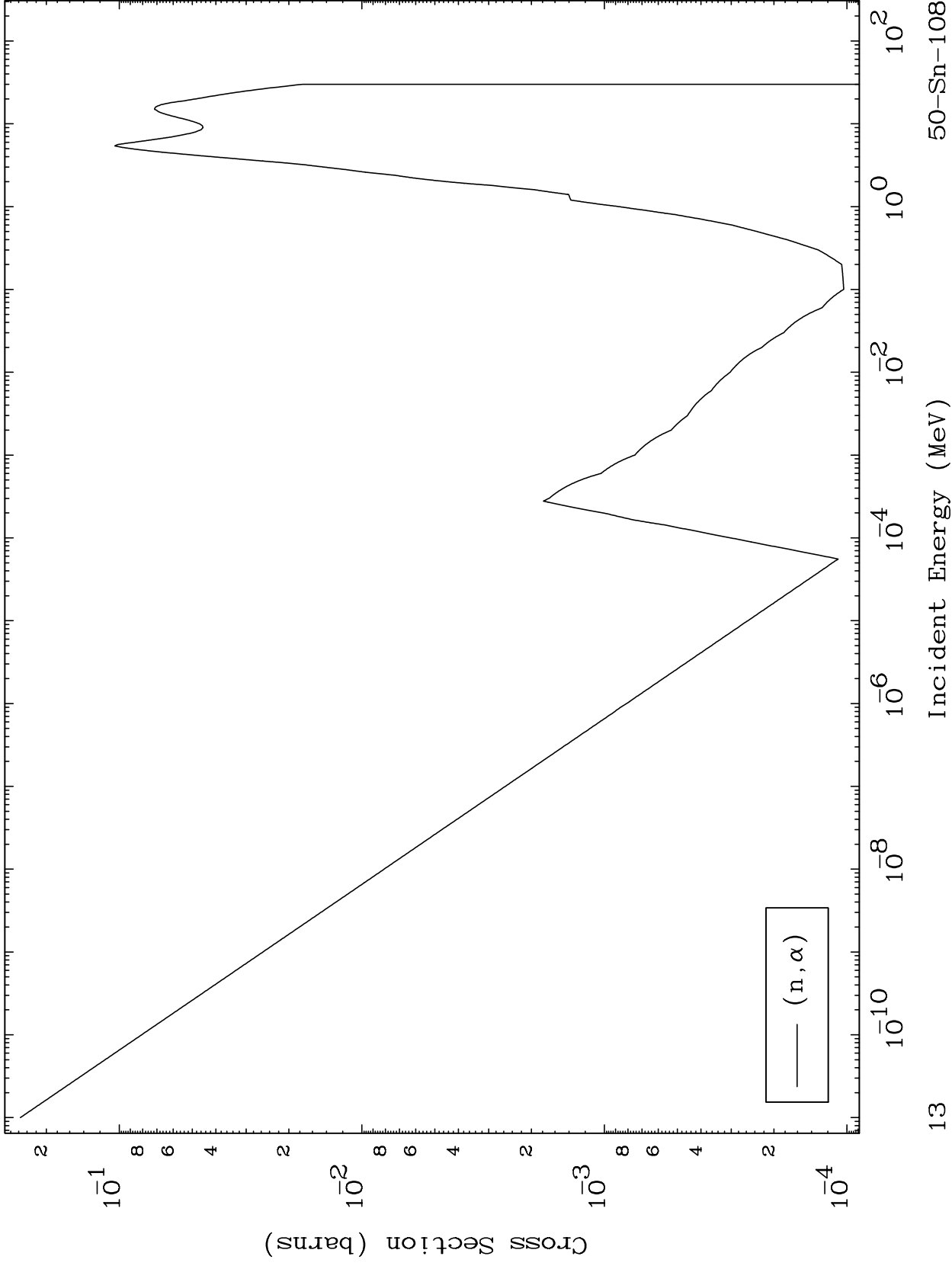
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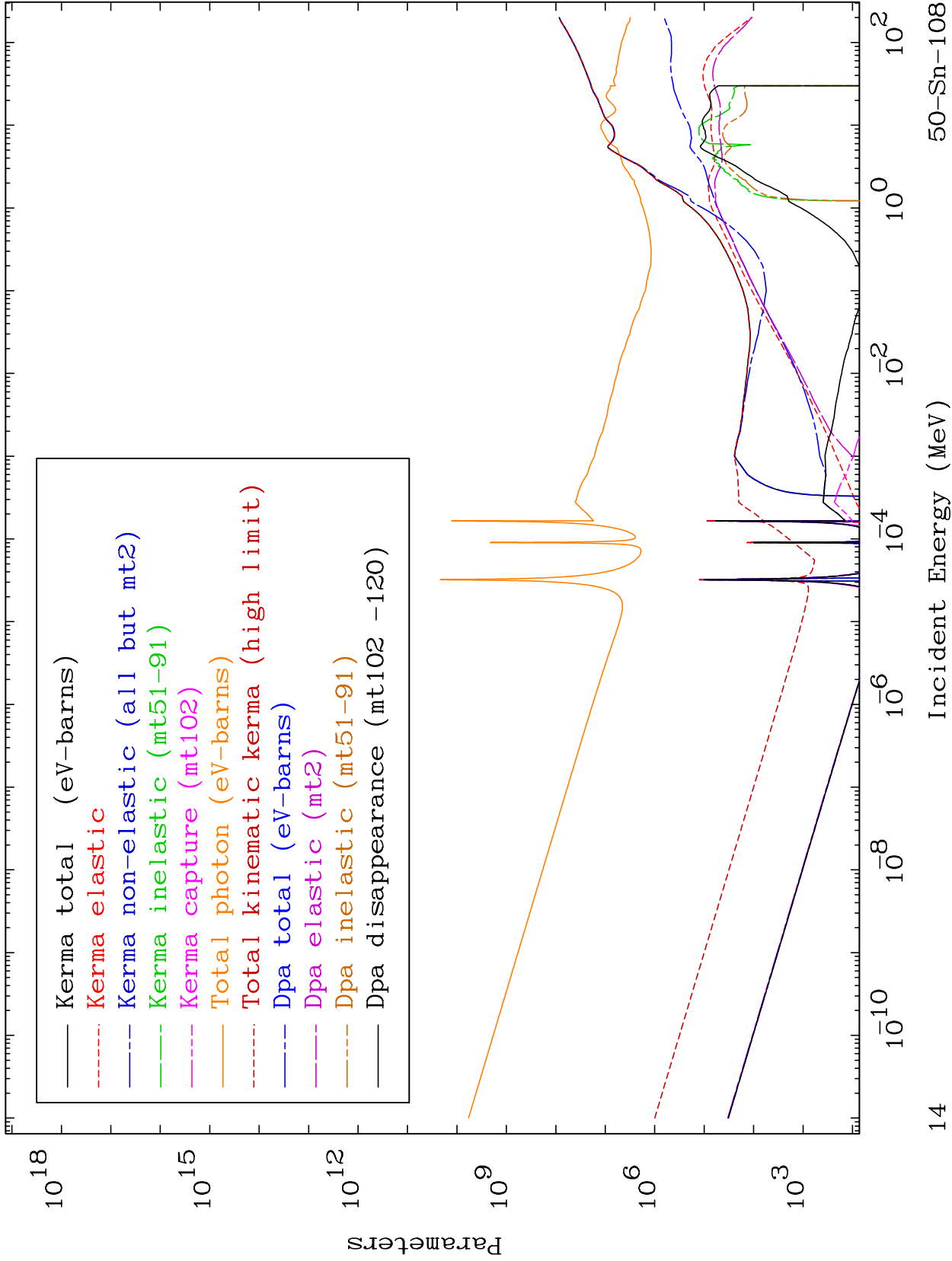
50-Sn-108

MAT 5013

(n,α) Levels
293 Kelvin Cross Sections

50-Sn-108

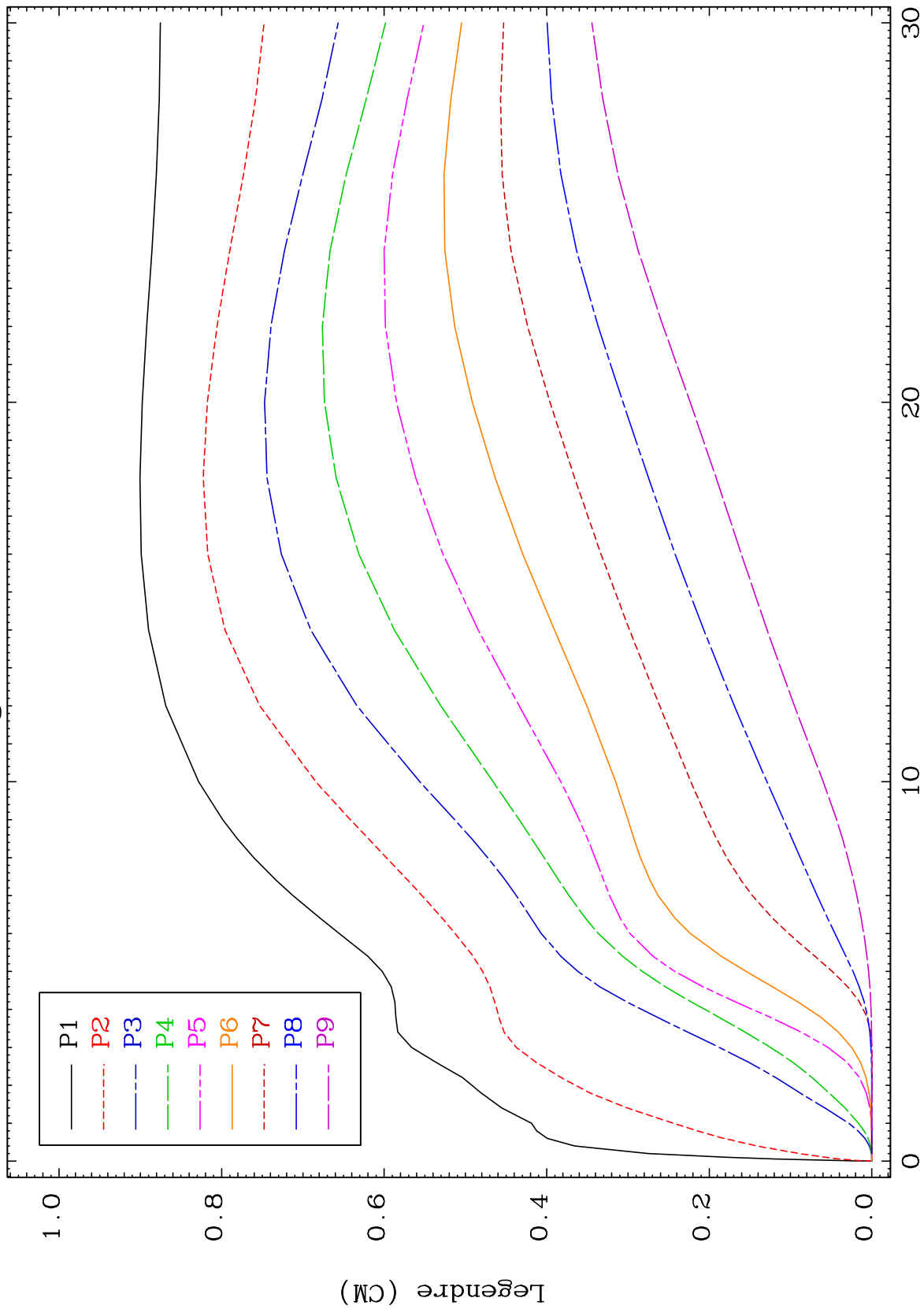




MAT 5013

Elastic Legendre Coefficients

50-Sn-108



15

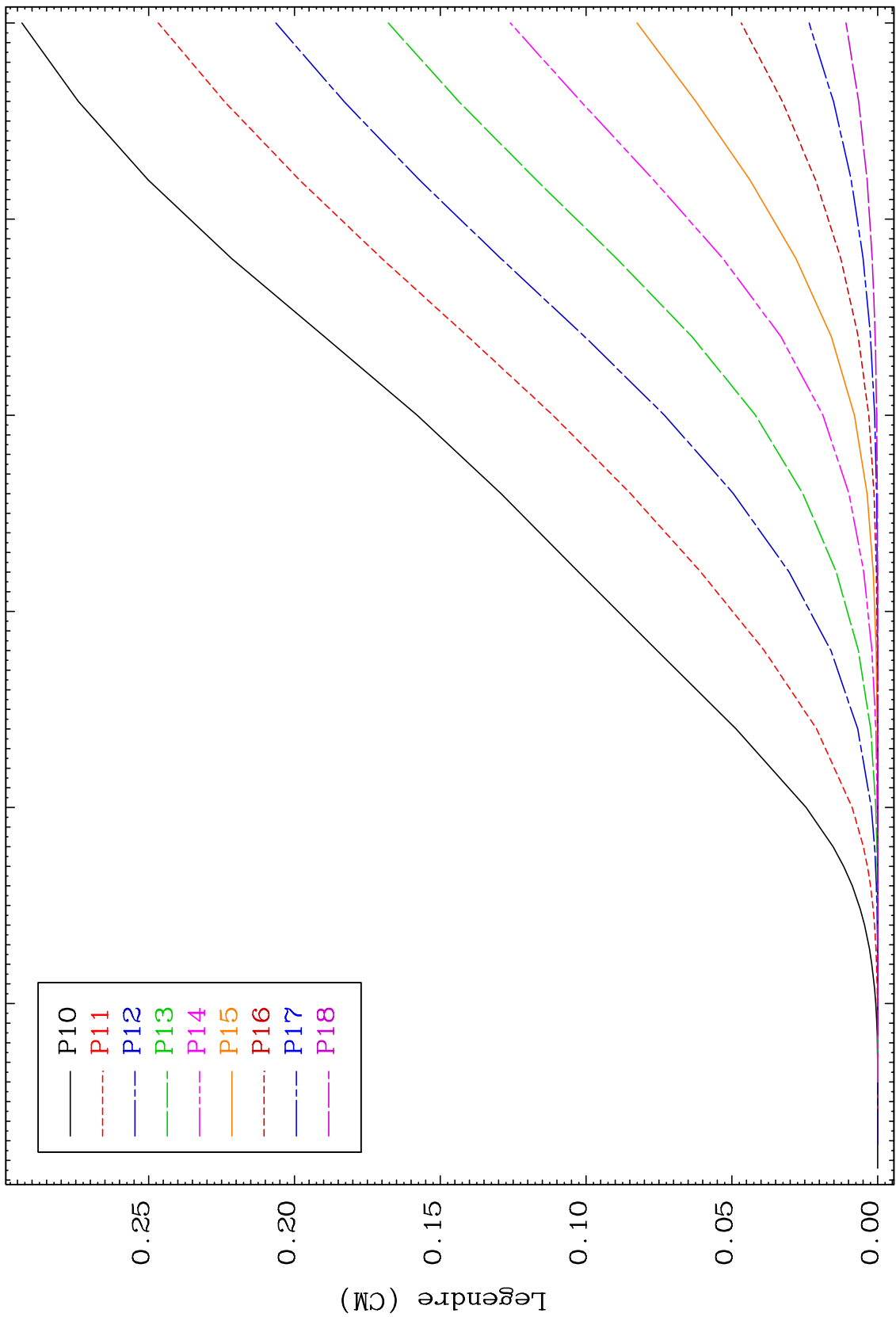
Incident Energy (MeV)

50-Sn-108

MAT 5013

Elastic Legendre Coefficients

50-Sn-108



16

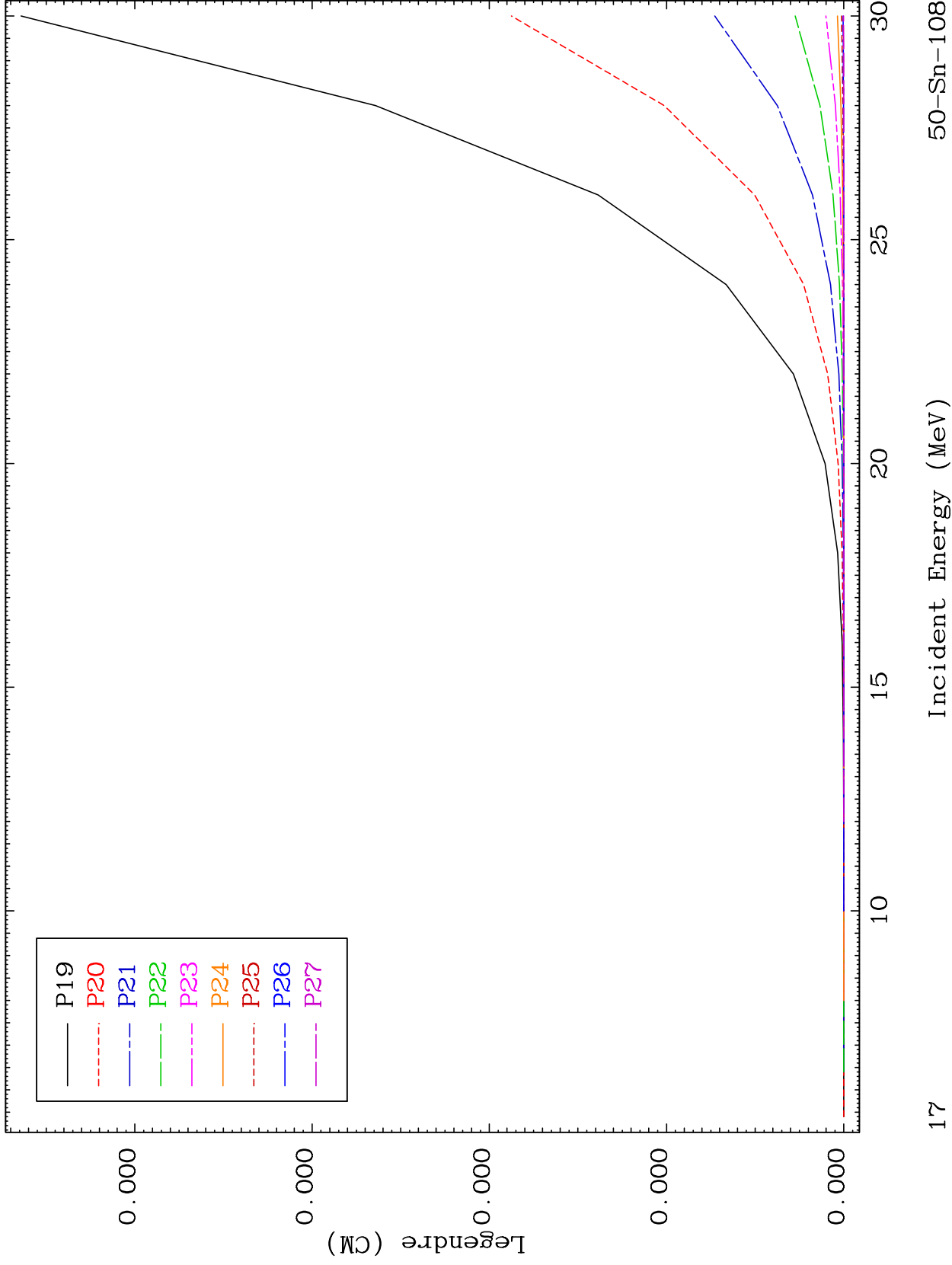
50-Sn-108

Incident Energy (MeV)

MAT 5013

Elastic Legendre Coefficients

50-Sn-108



17

50-Sn-108

MAT 5013

Elastic
Legendre Coefficients

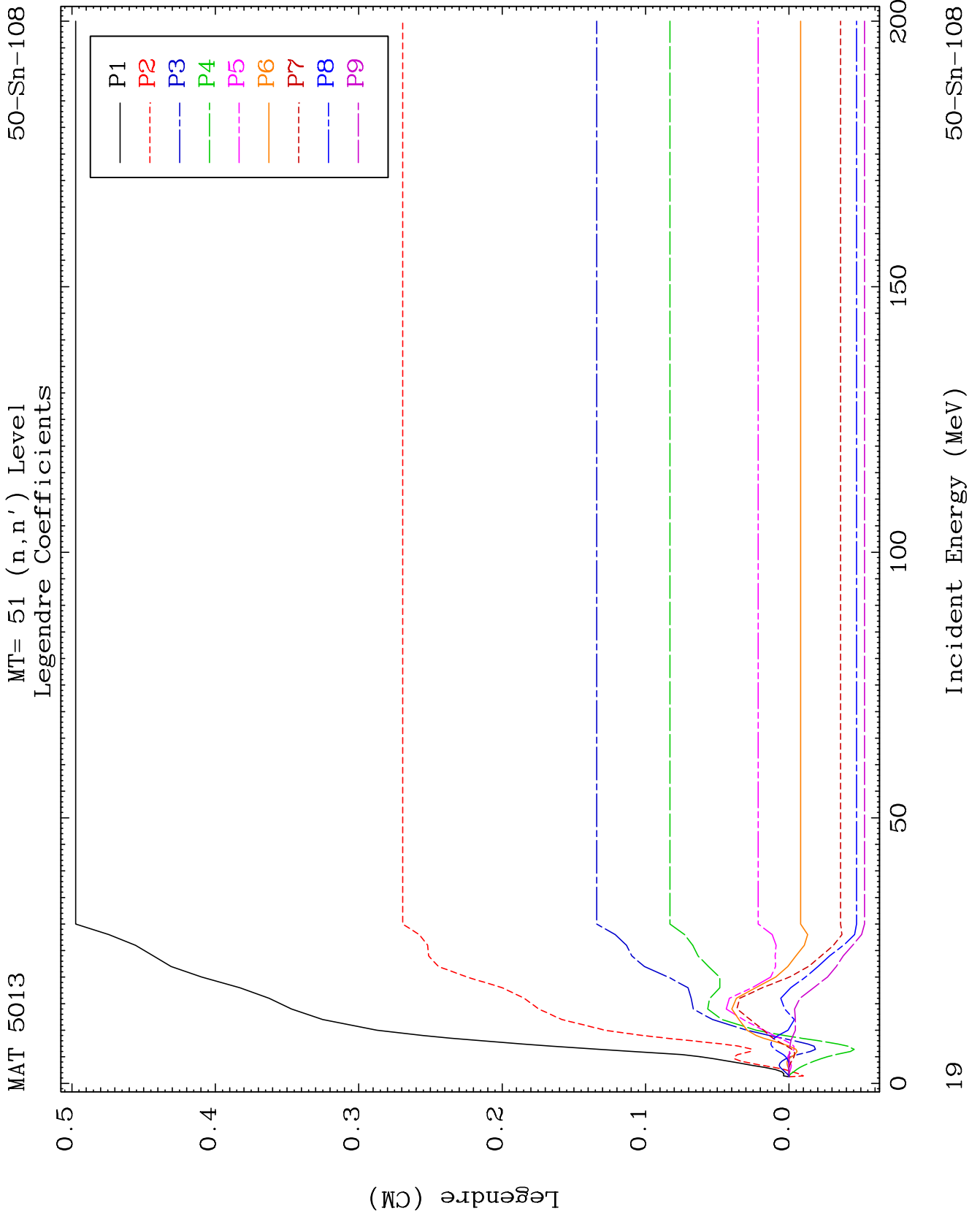
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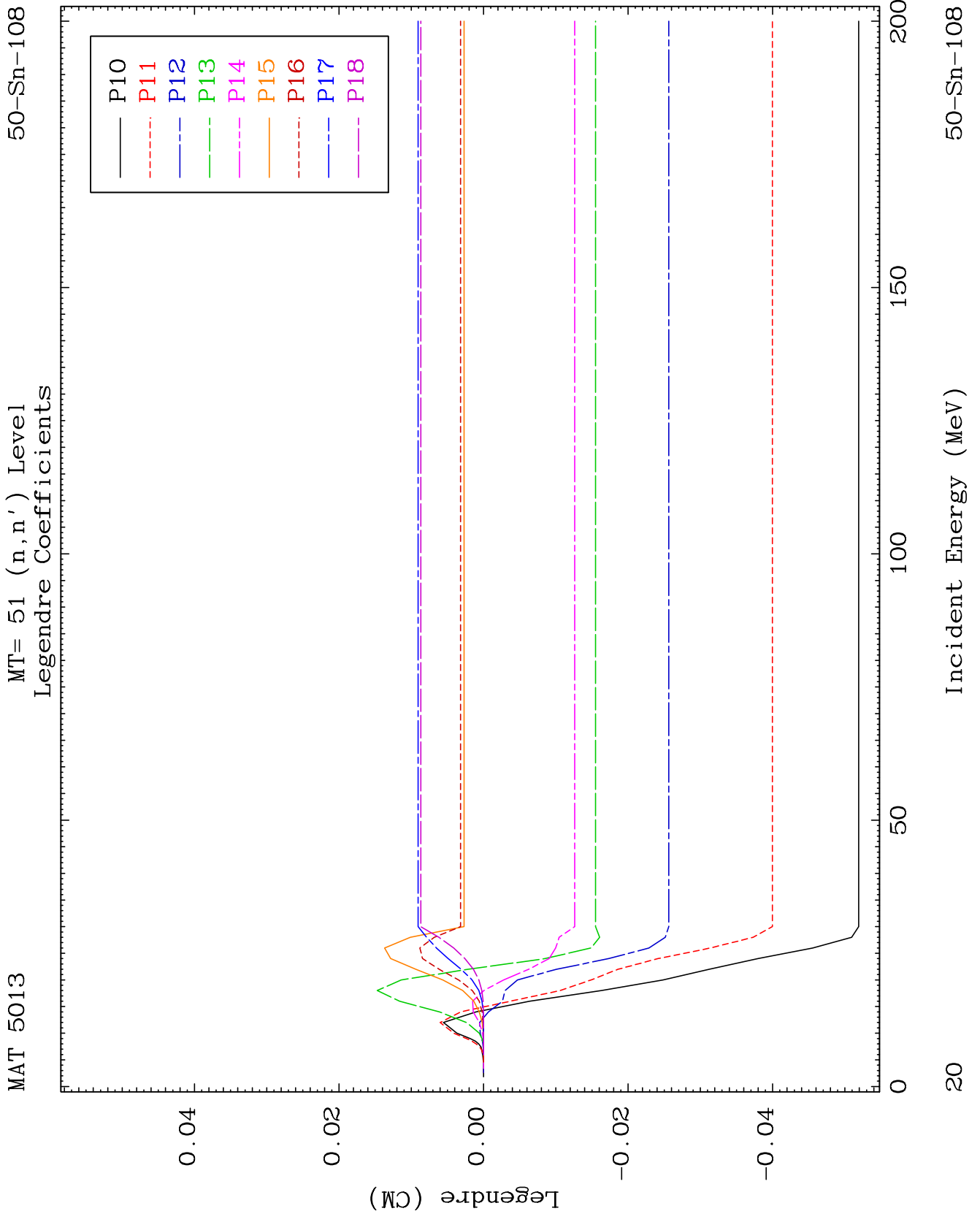


18

Incident Energy (MeV)

50-Sn-108

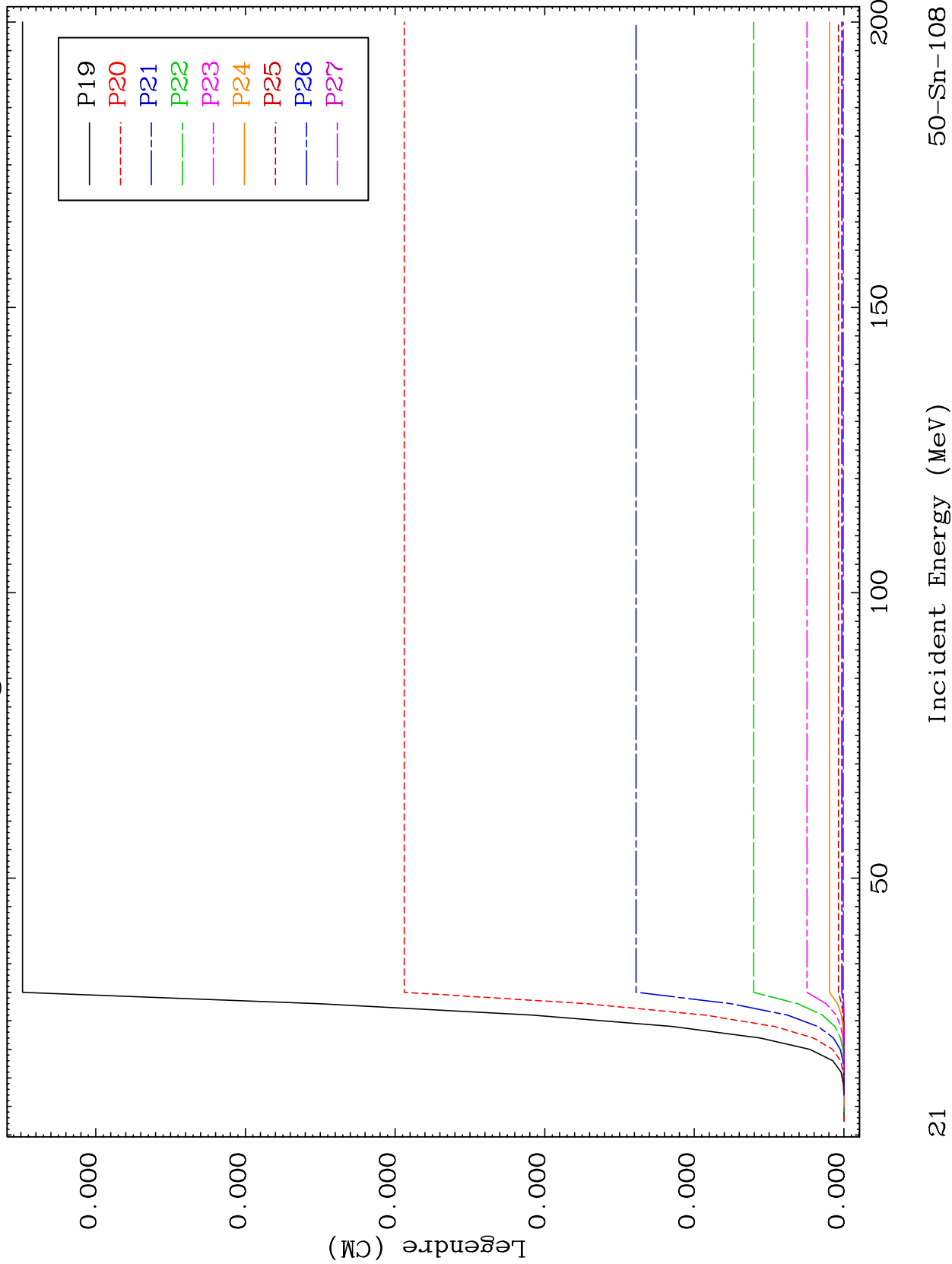


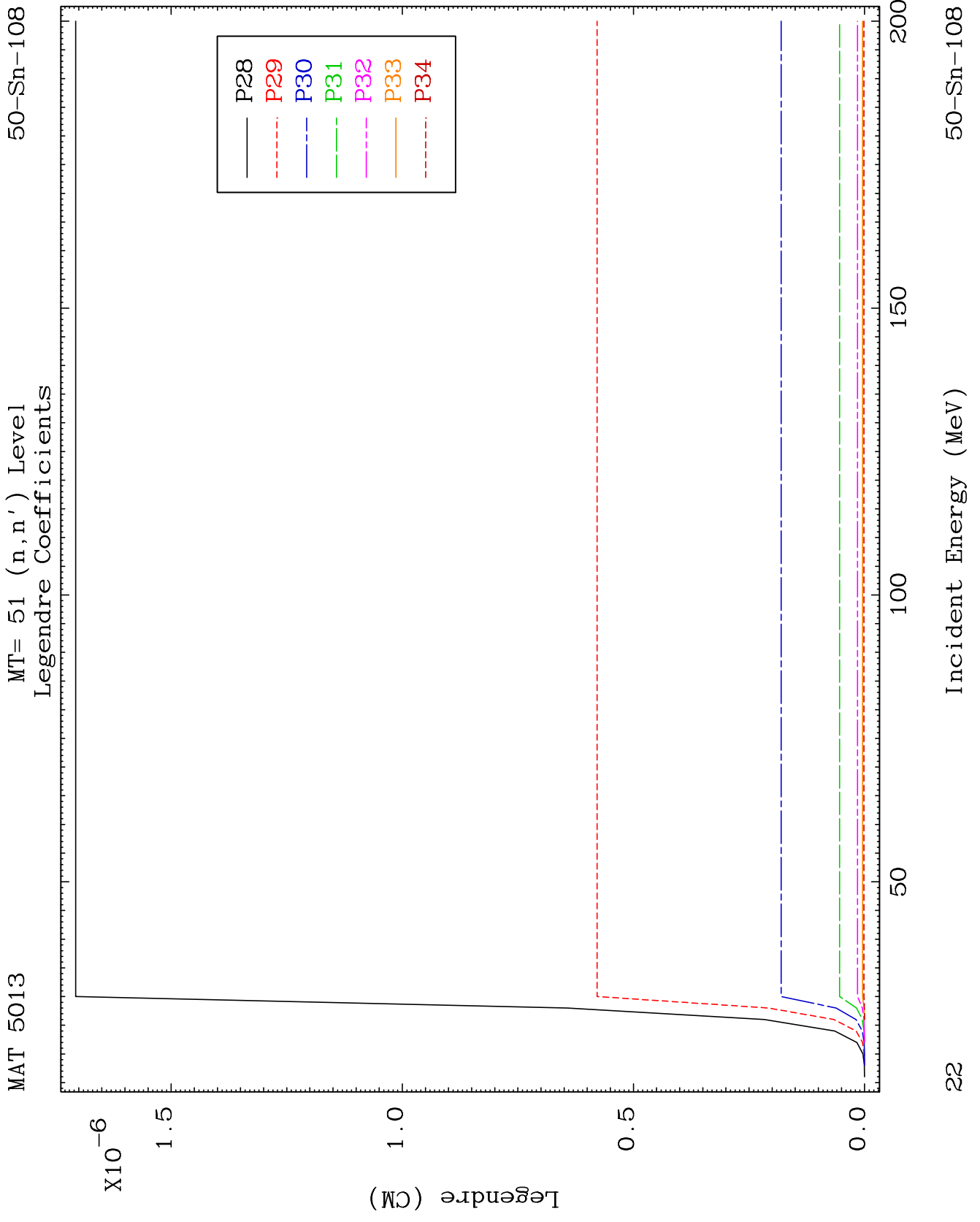


MAT 5013

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

50-Sn-108

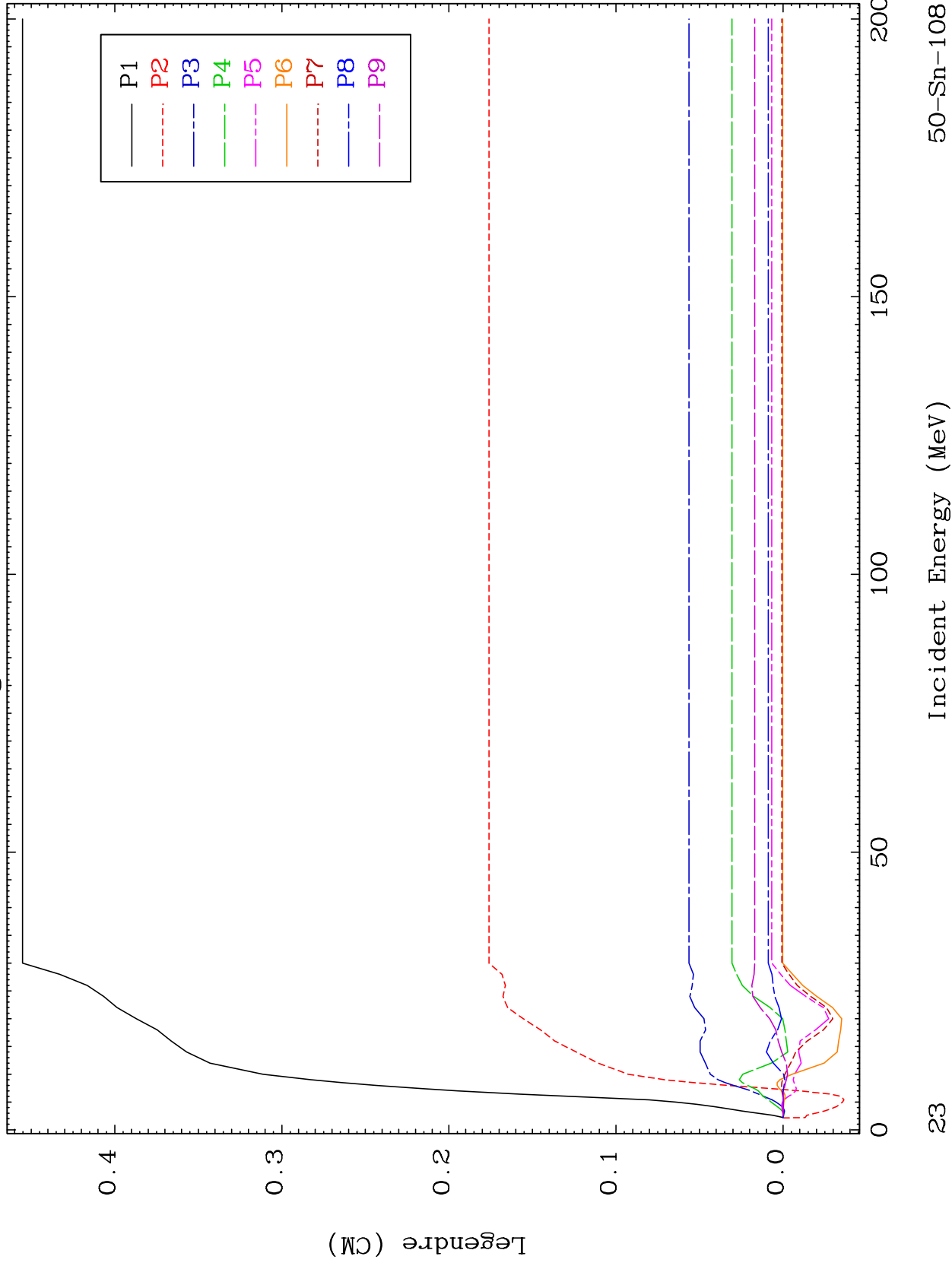




MAT 5013

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

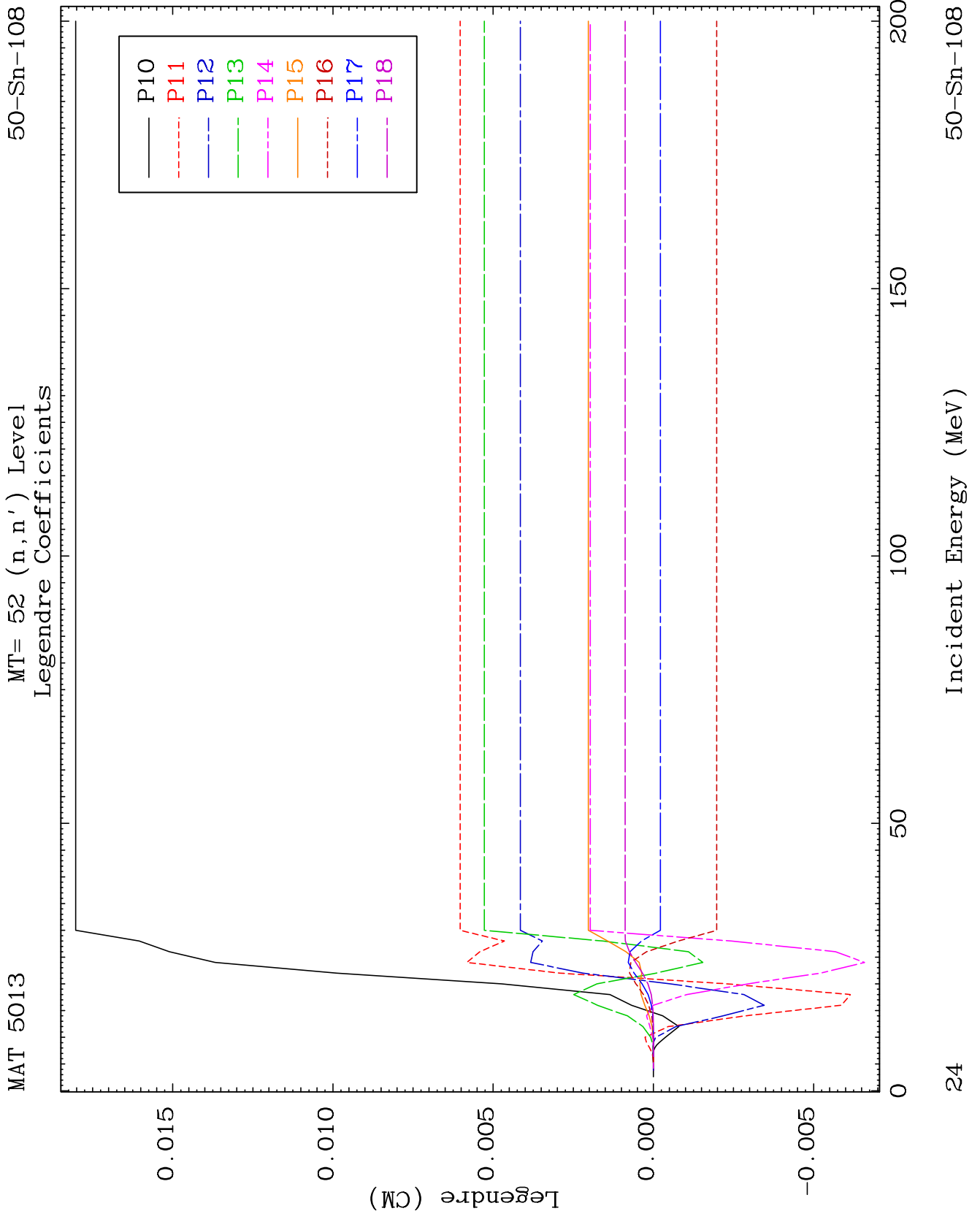
50-Sn-108



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Incident Energy (MeV)

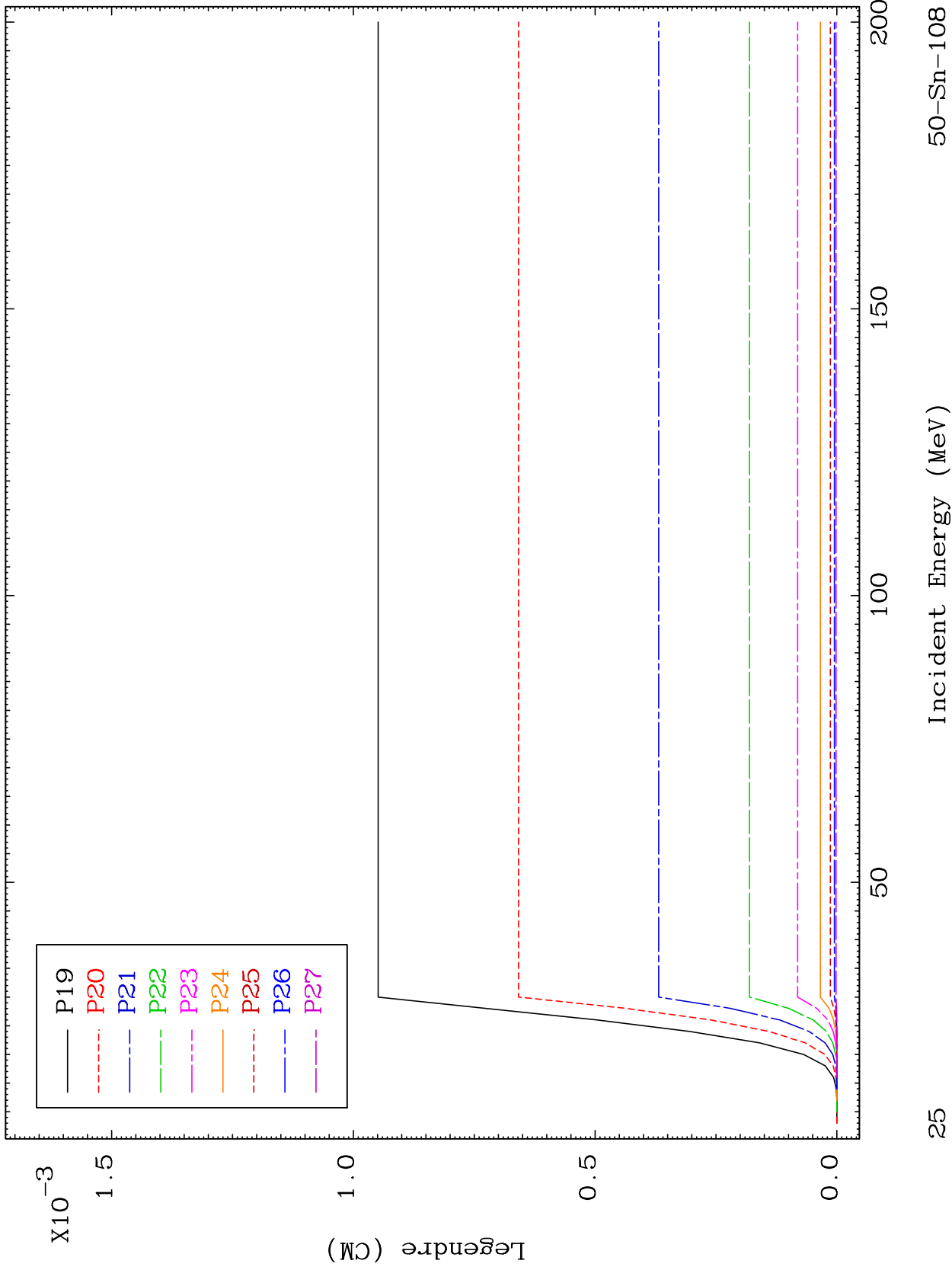
50-Sn-108



MAT 5013

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

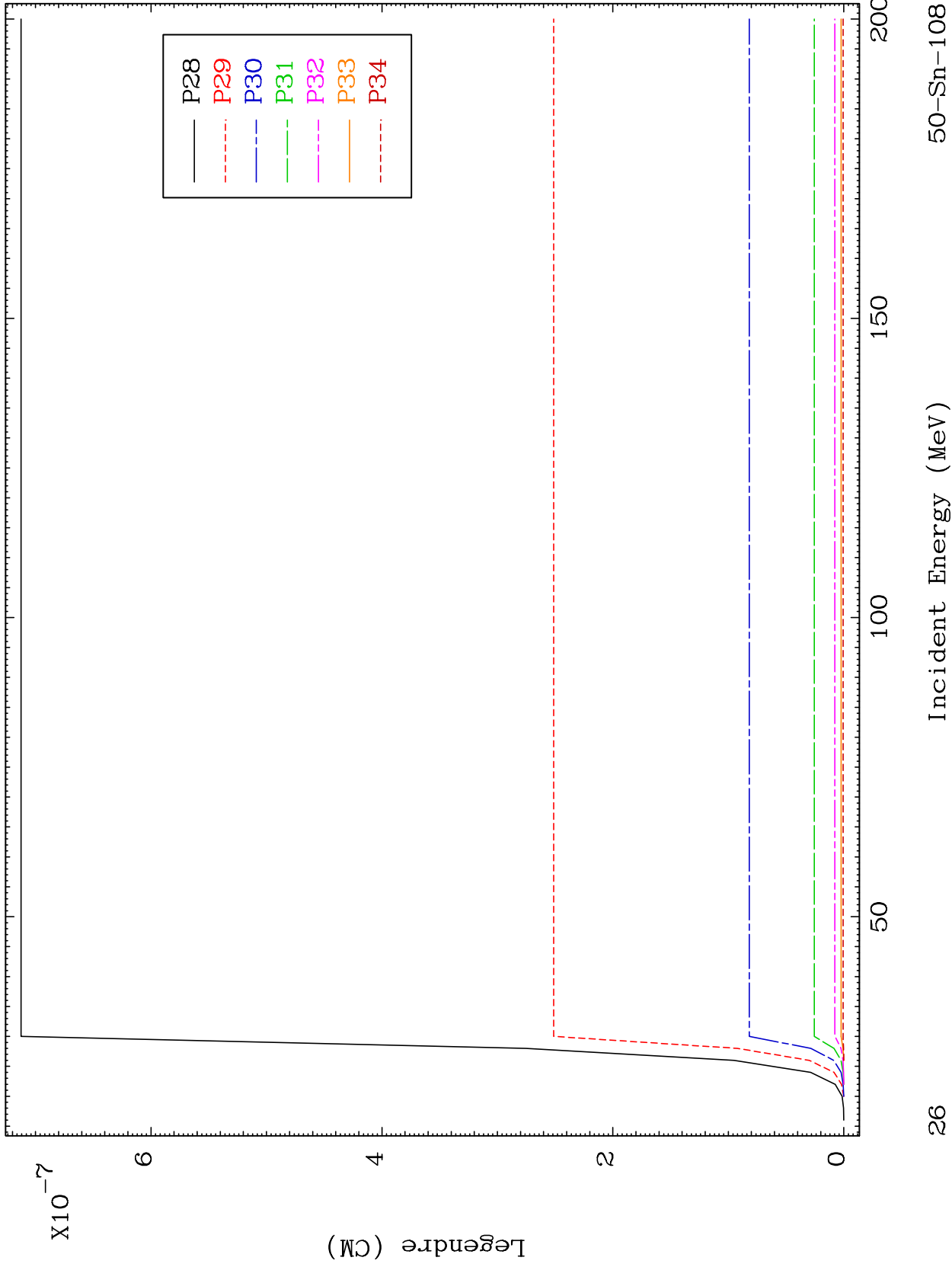
50-Sn-108



MAT 5013

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

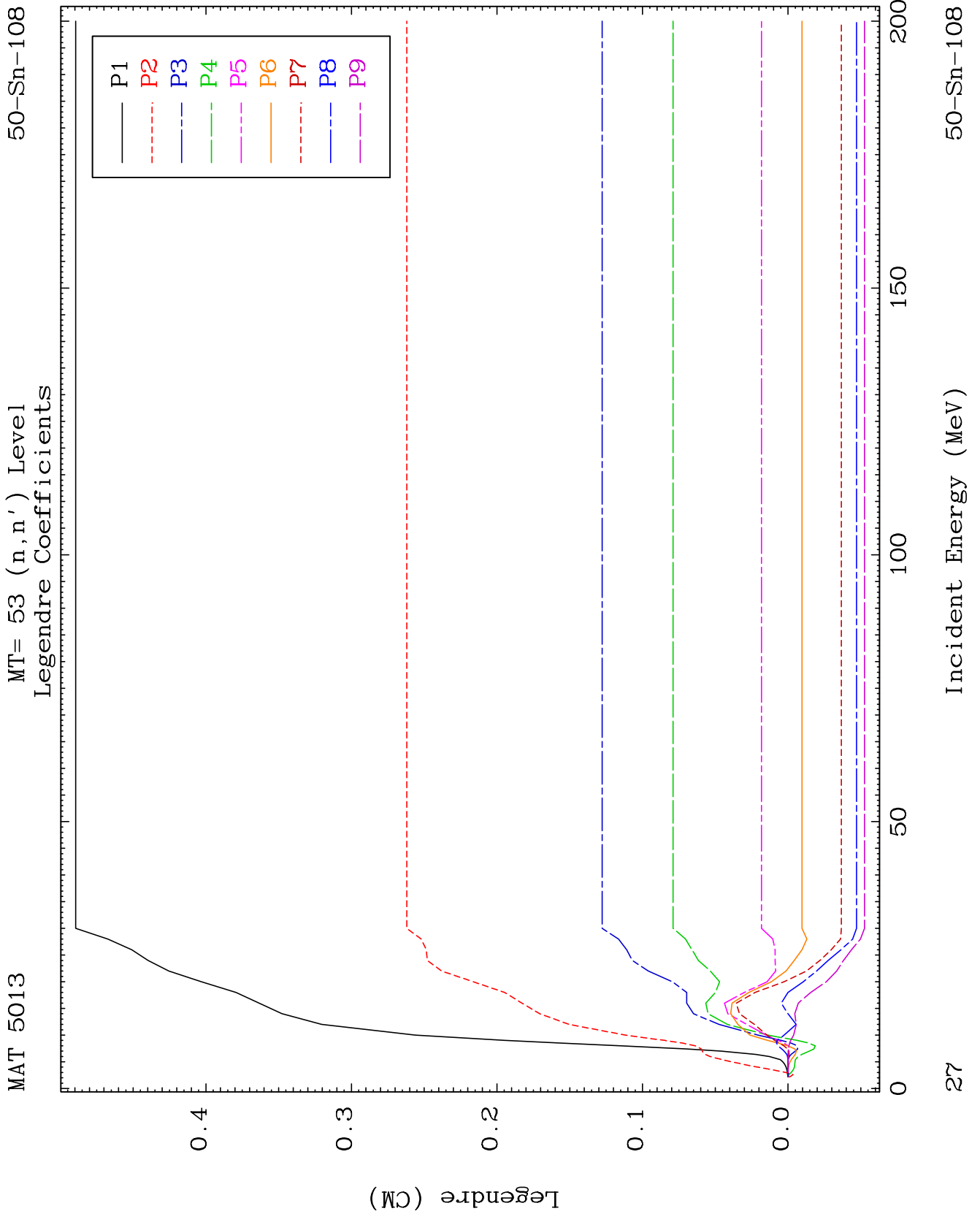
50-Sn-108



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Incident Energy (MeV)

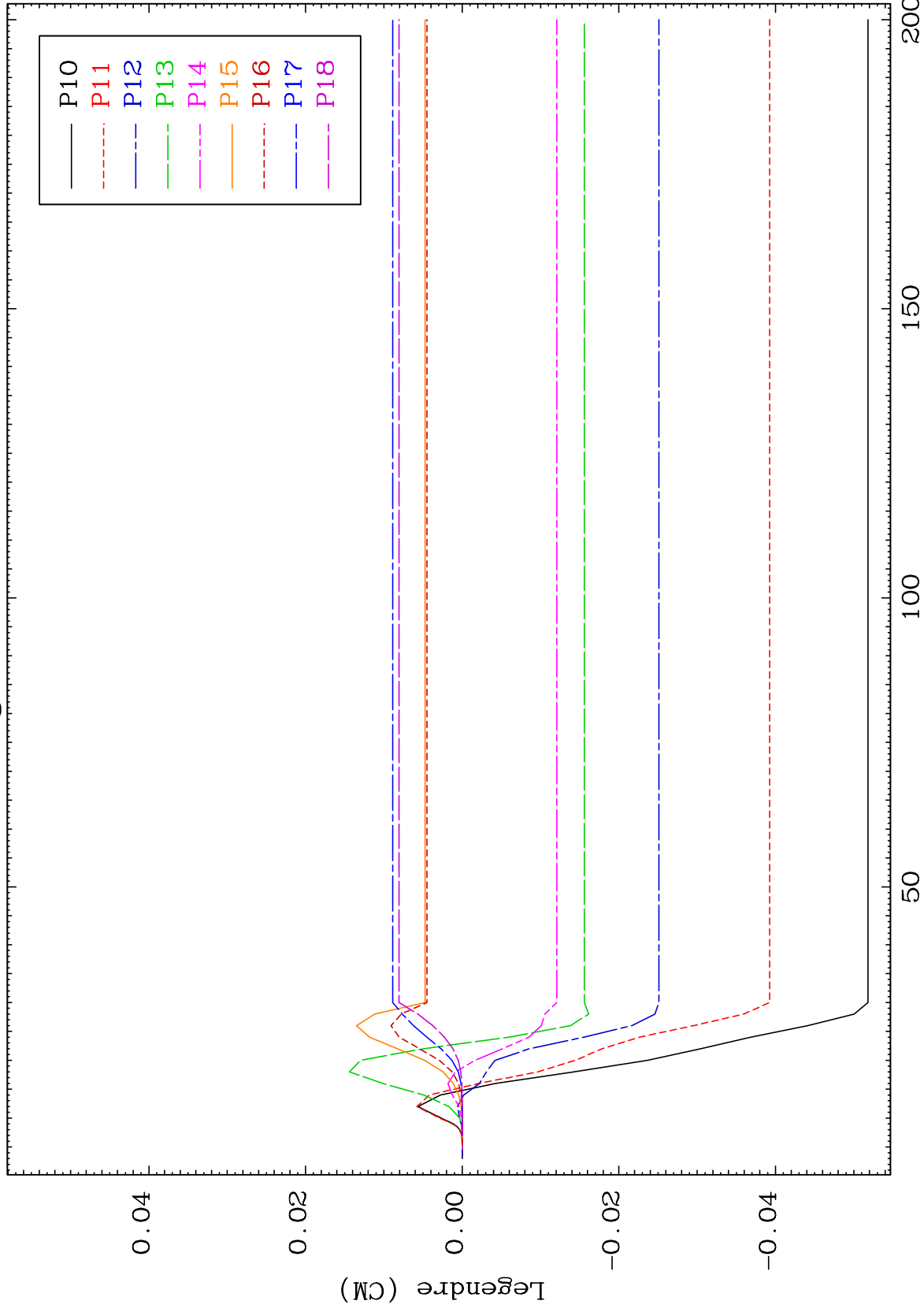
50-Sn-108



MAT 5013

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

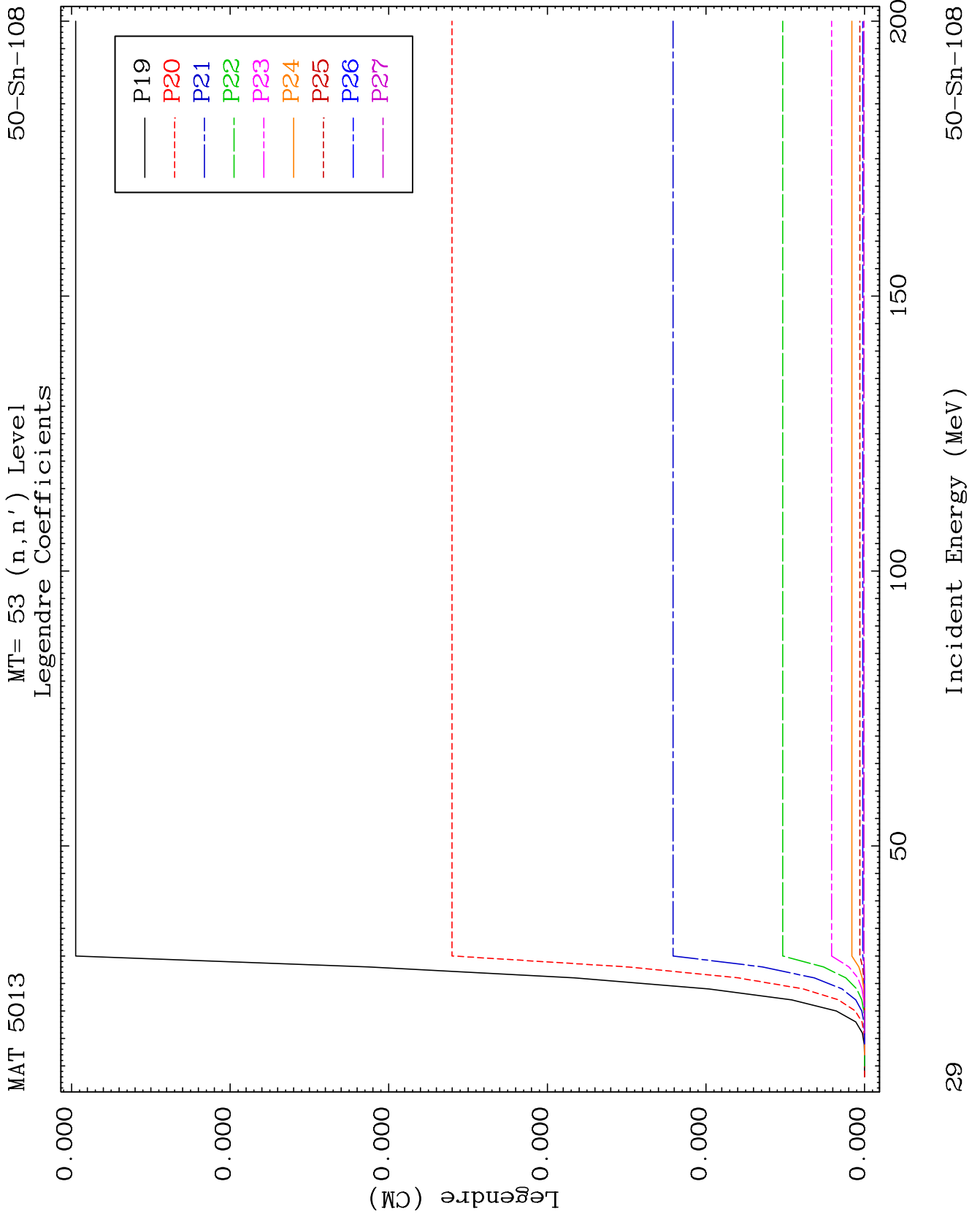
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Incident Energy (MeV)

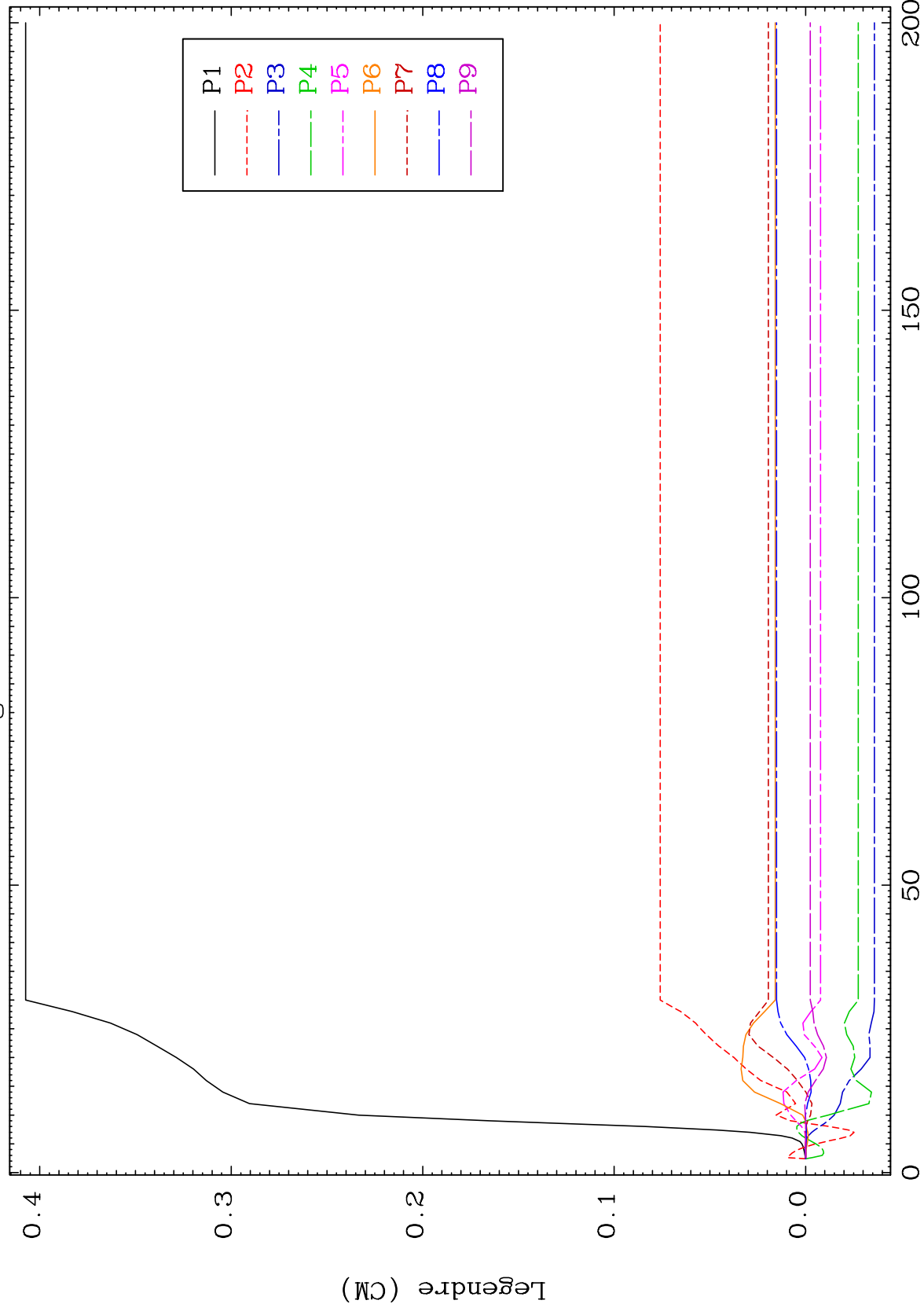
50-Sn-108



MAT 5013

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

50-Sn-108



31

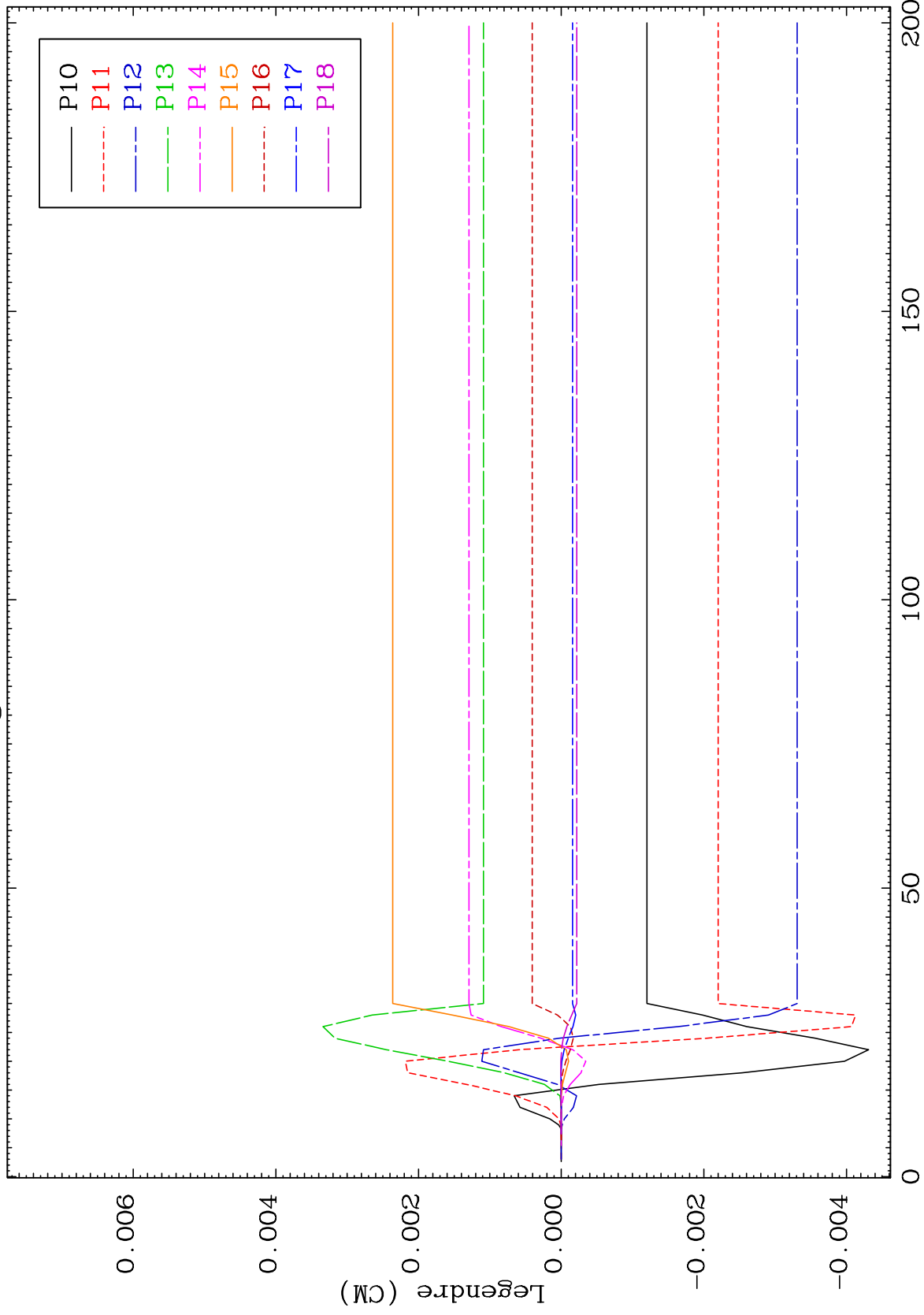
Incident Energy (MeV)

50-Sn-108

MAT 5013

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

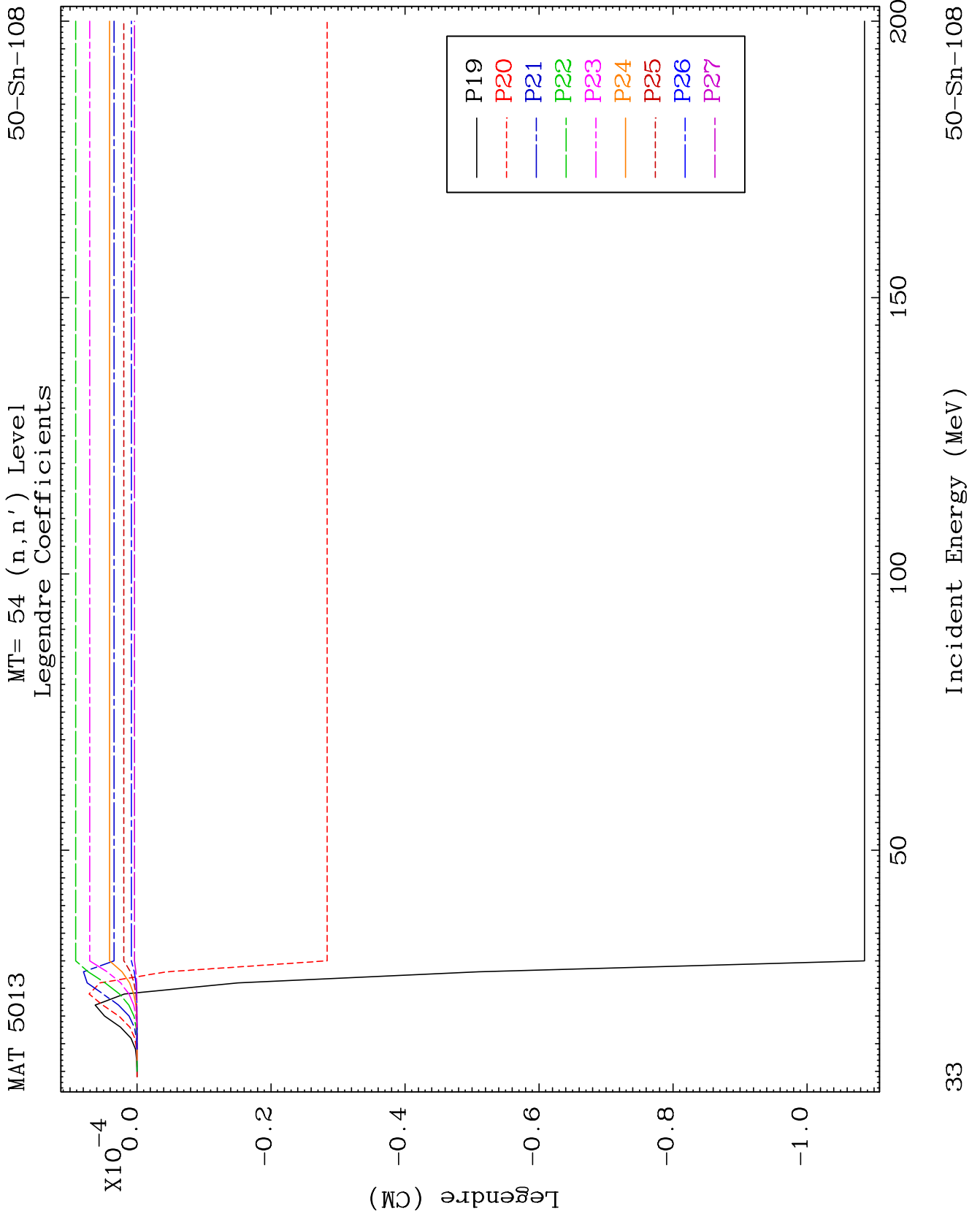
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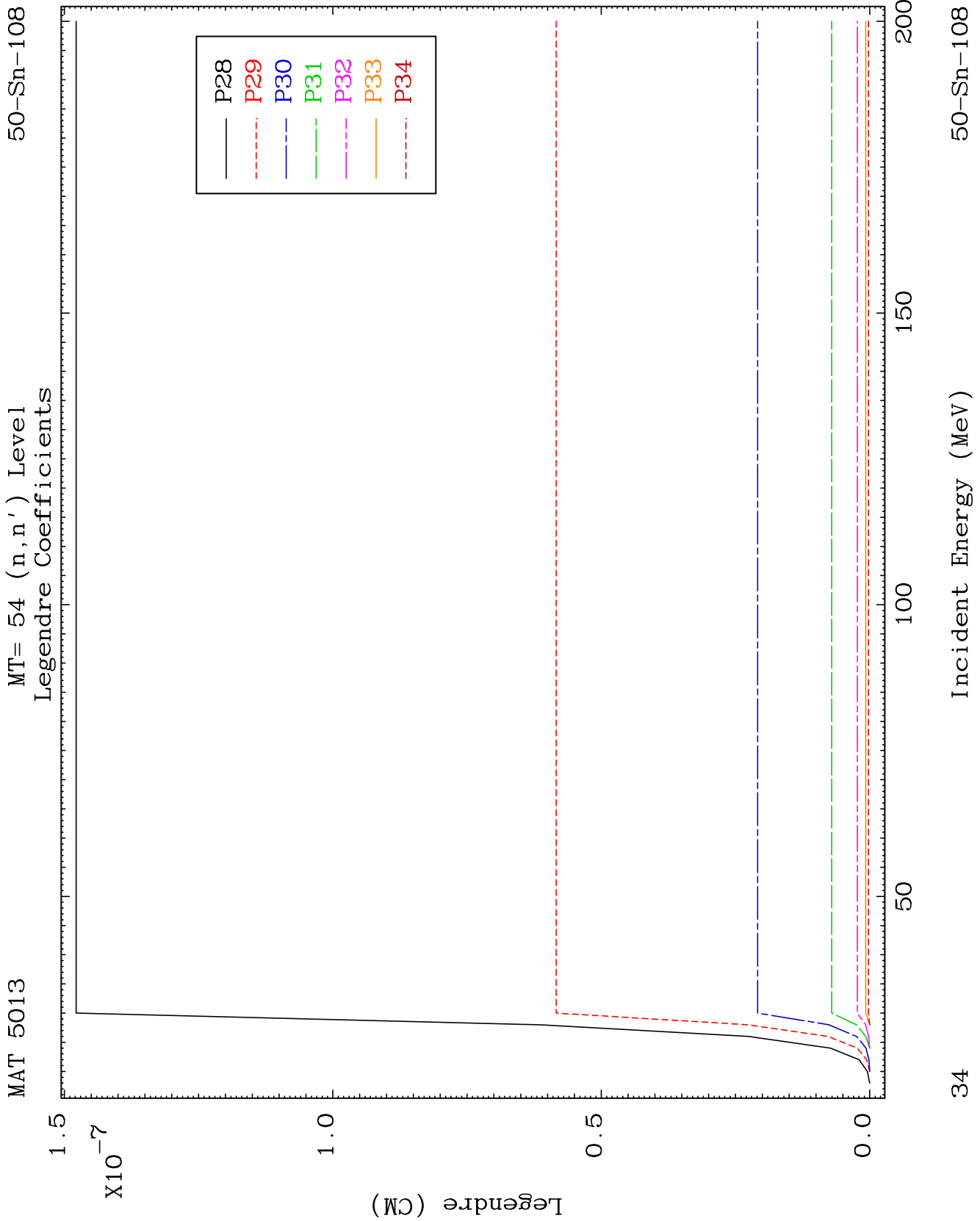


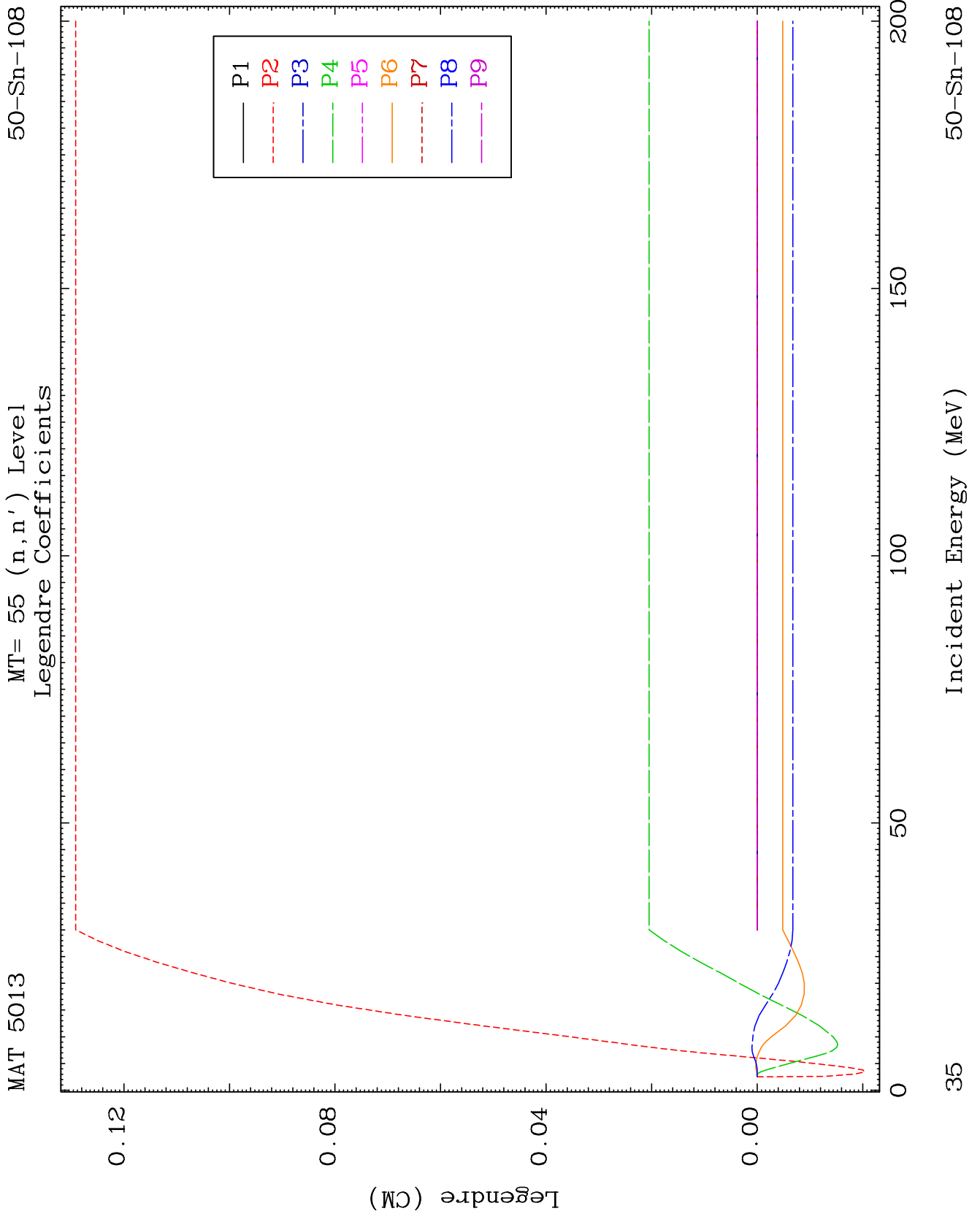
32

Incident Energy (MeV)

50-Sn-108



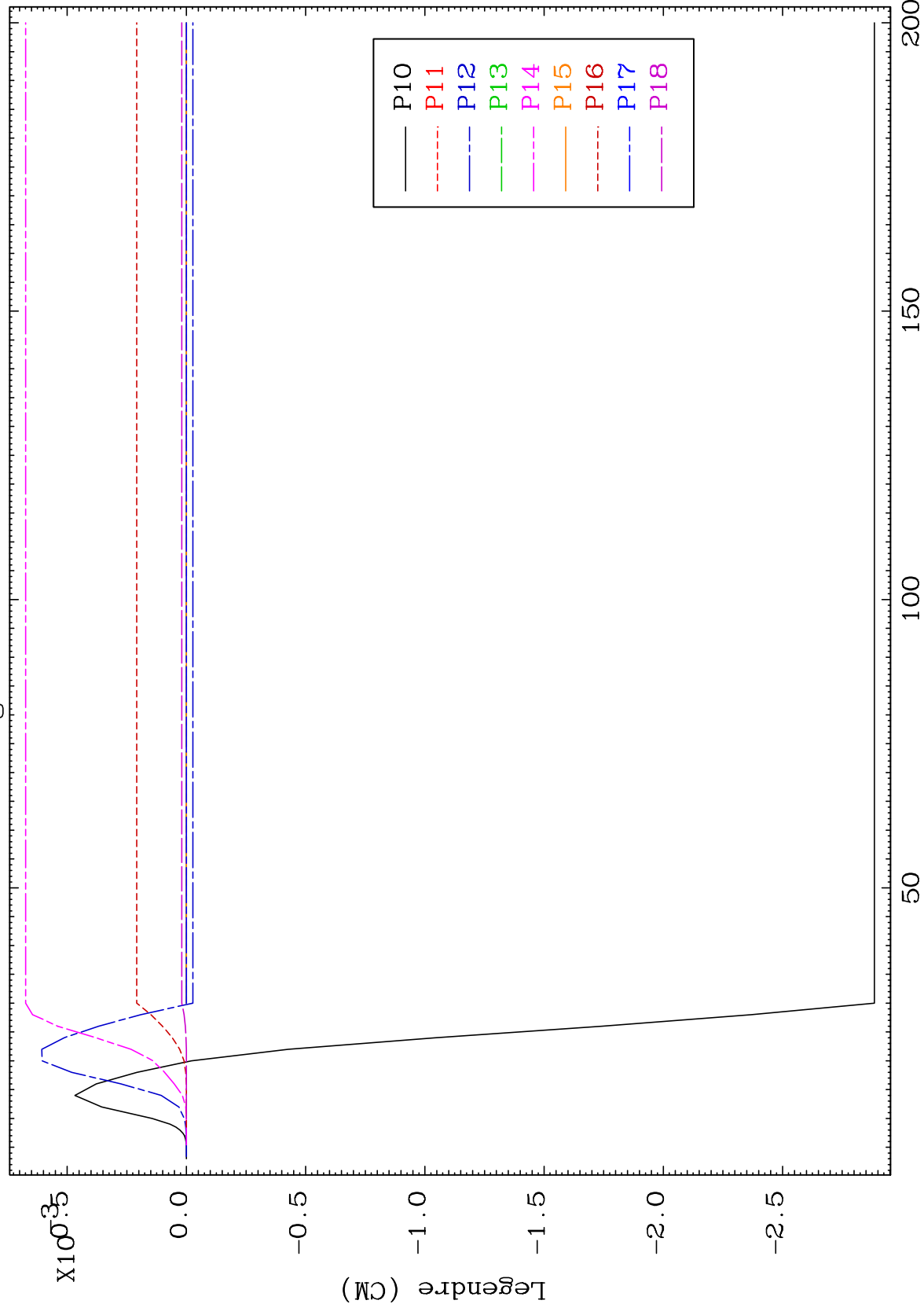




MAT 5013

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

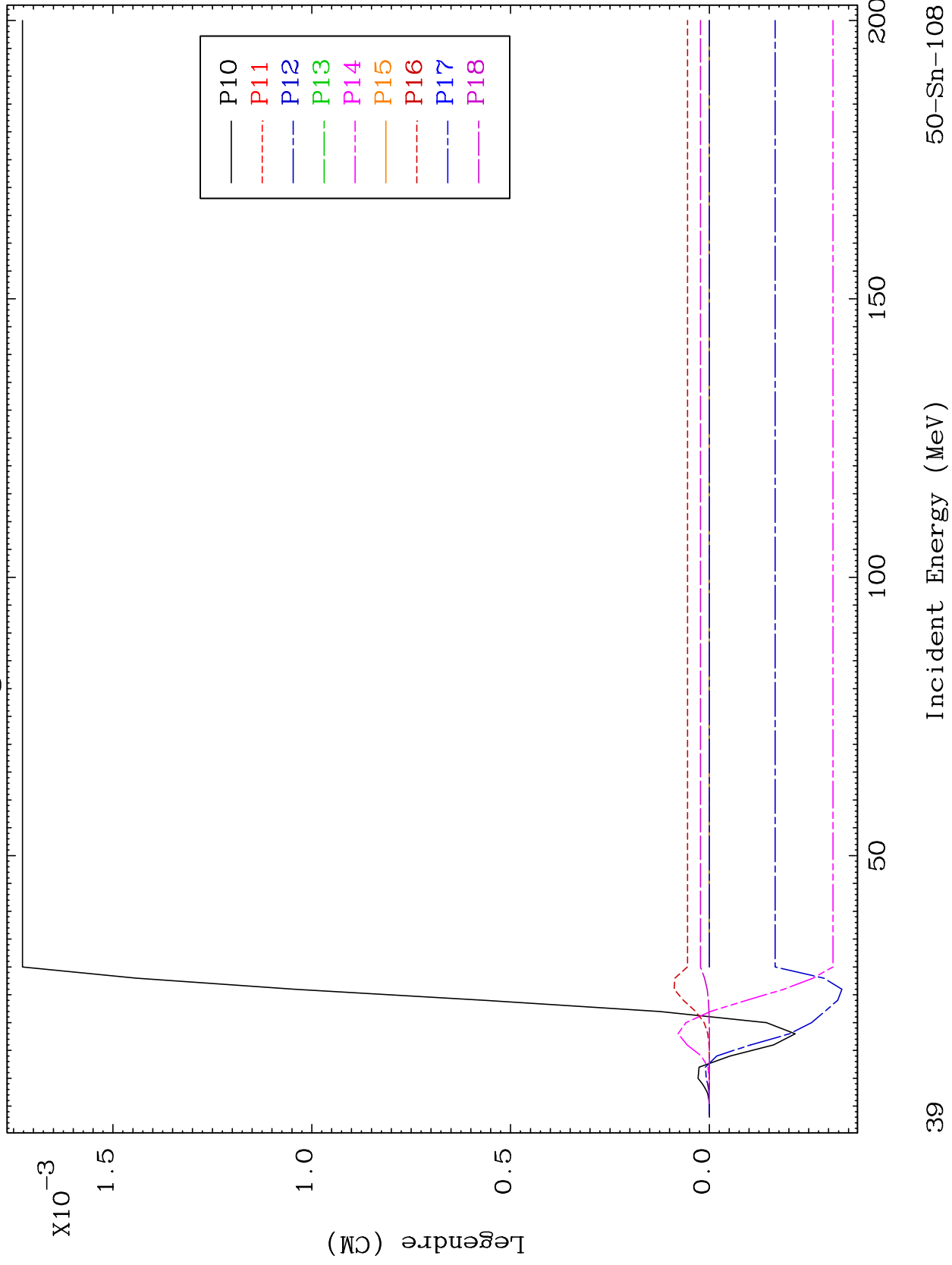
50-Sn-108



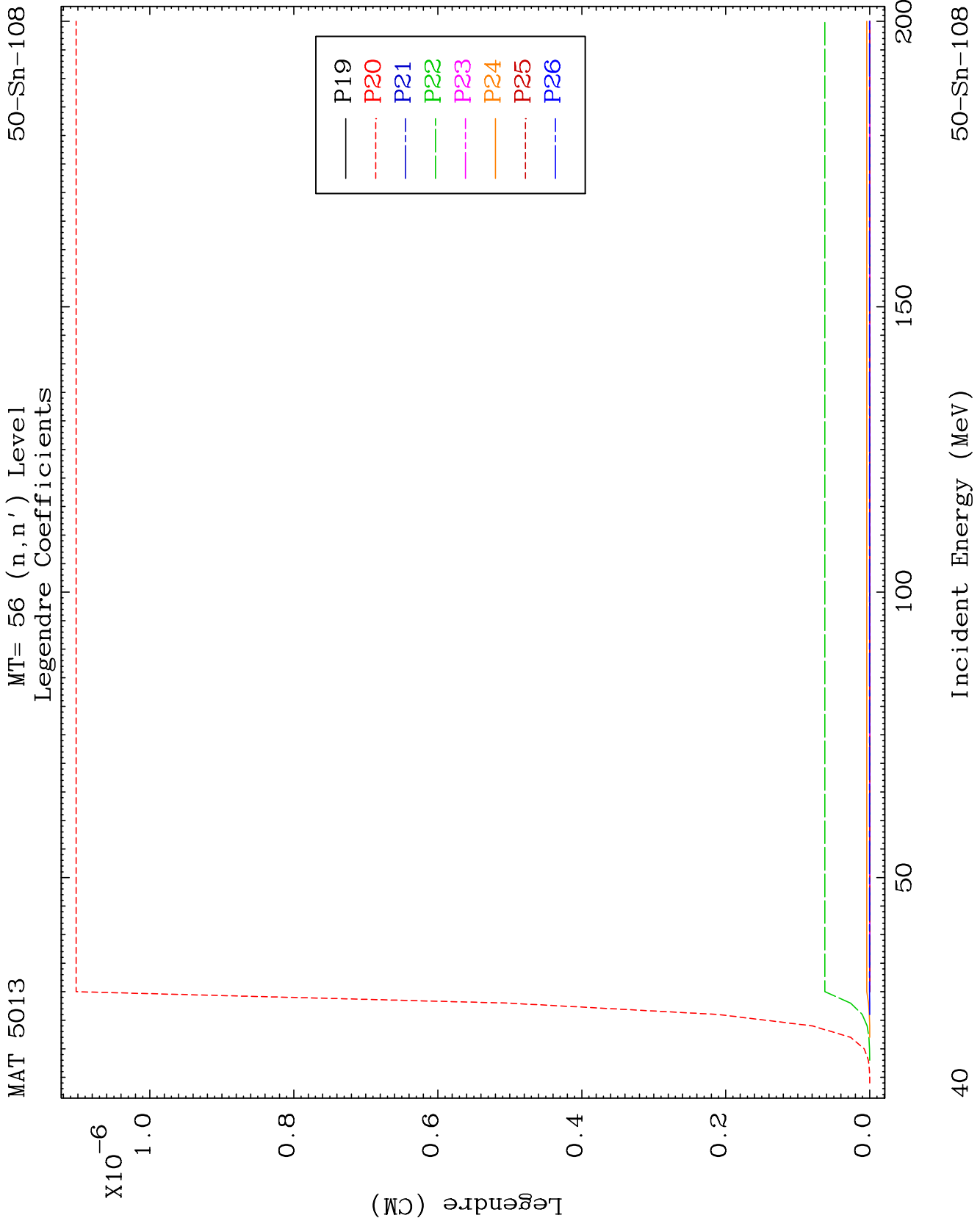
MAT 5013

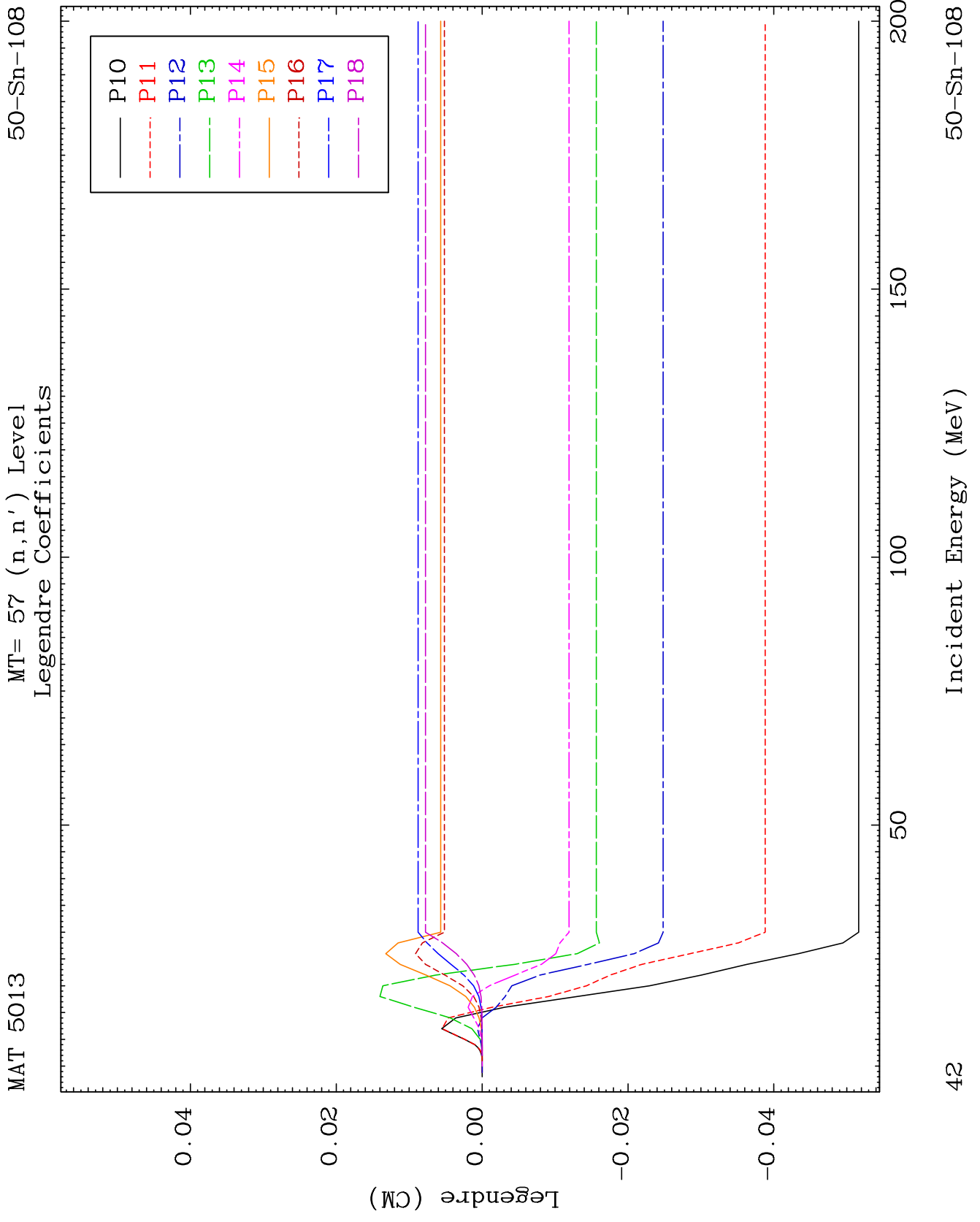
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Legendre Coefficients

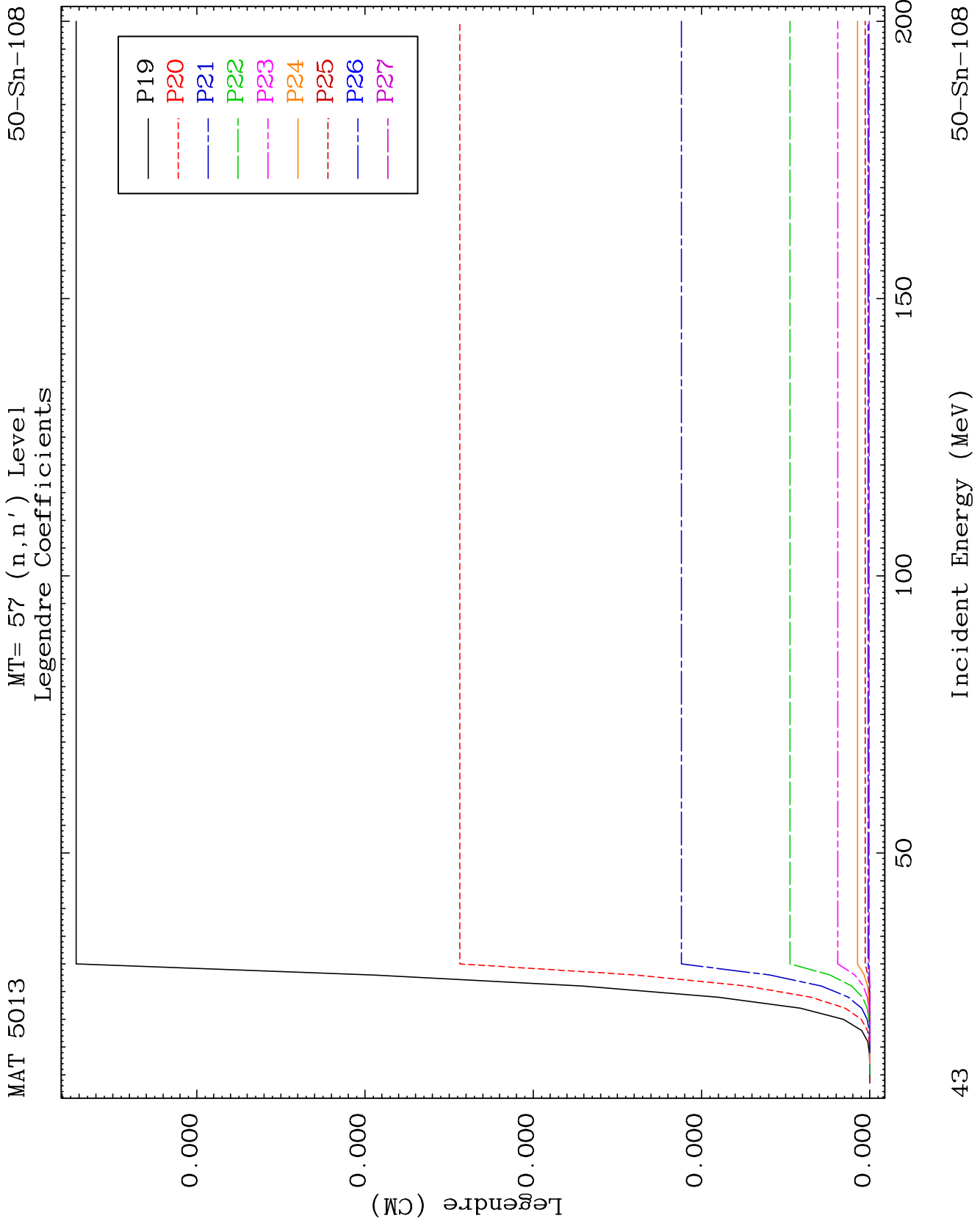
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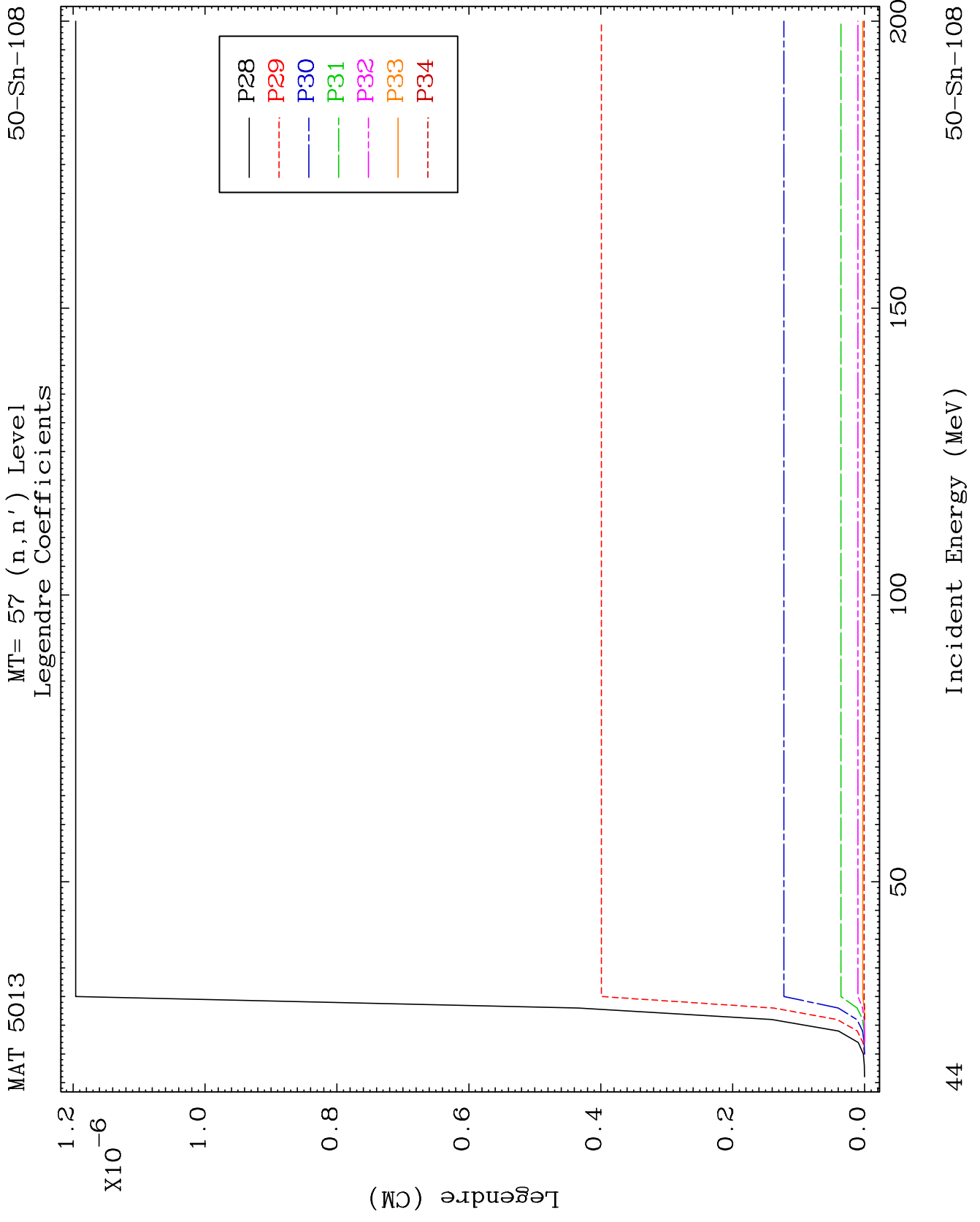


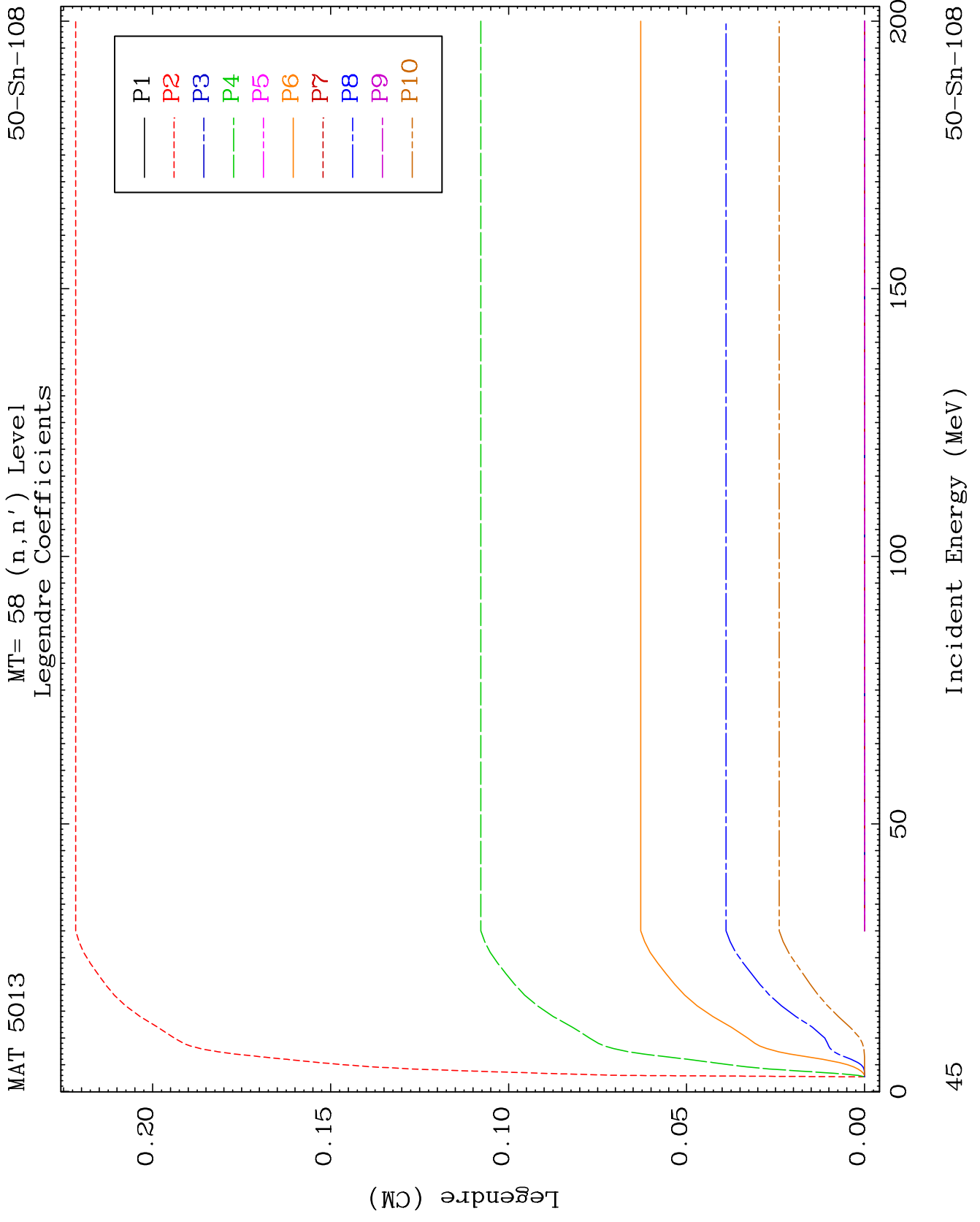
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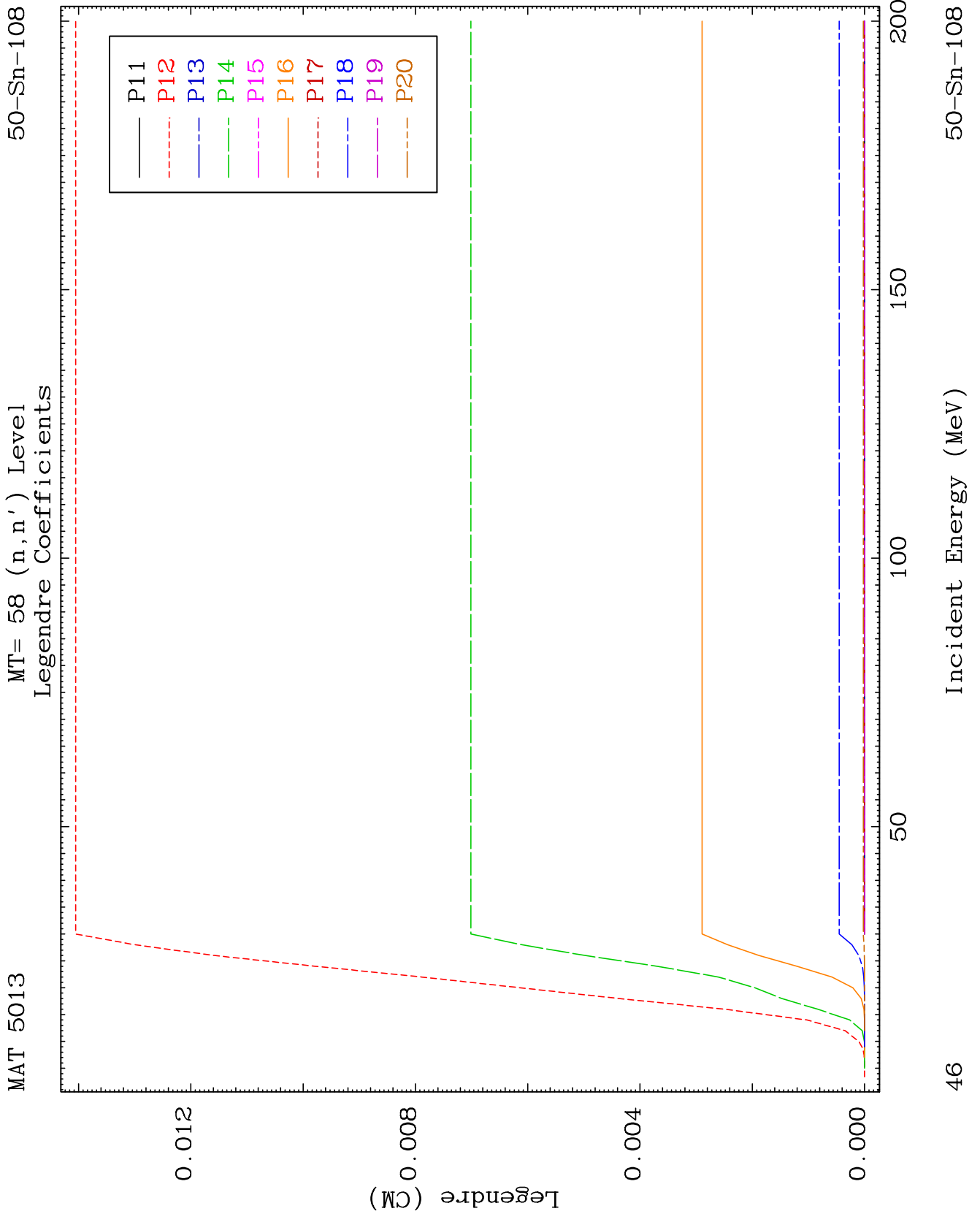


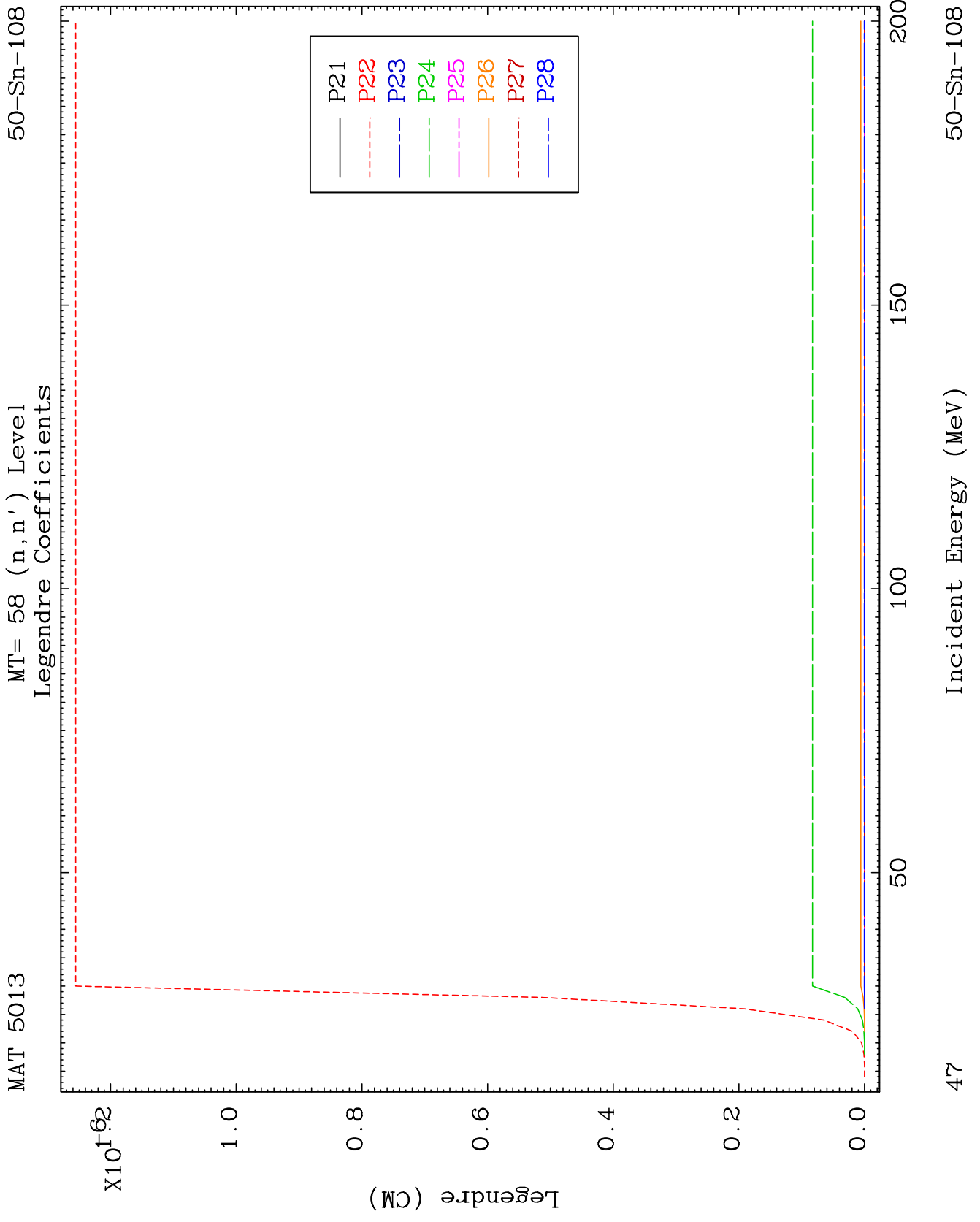


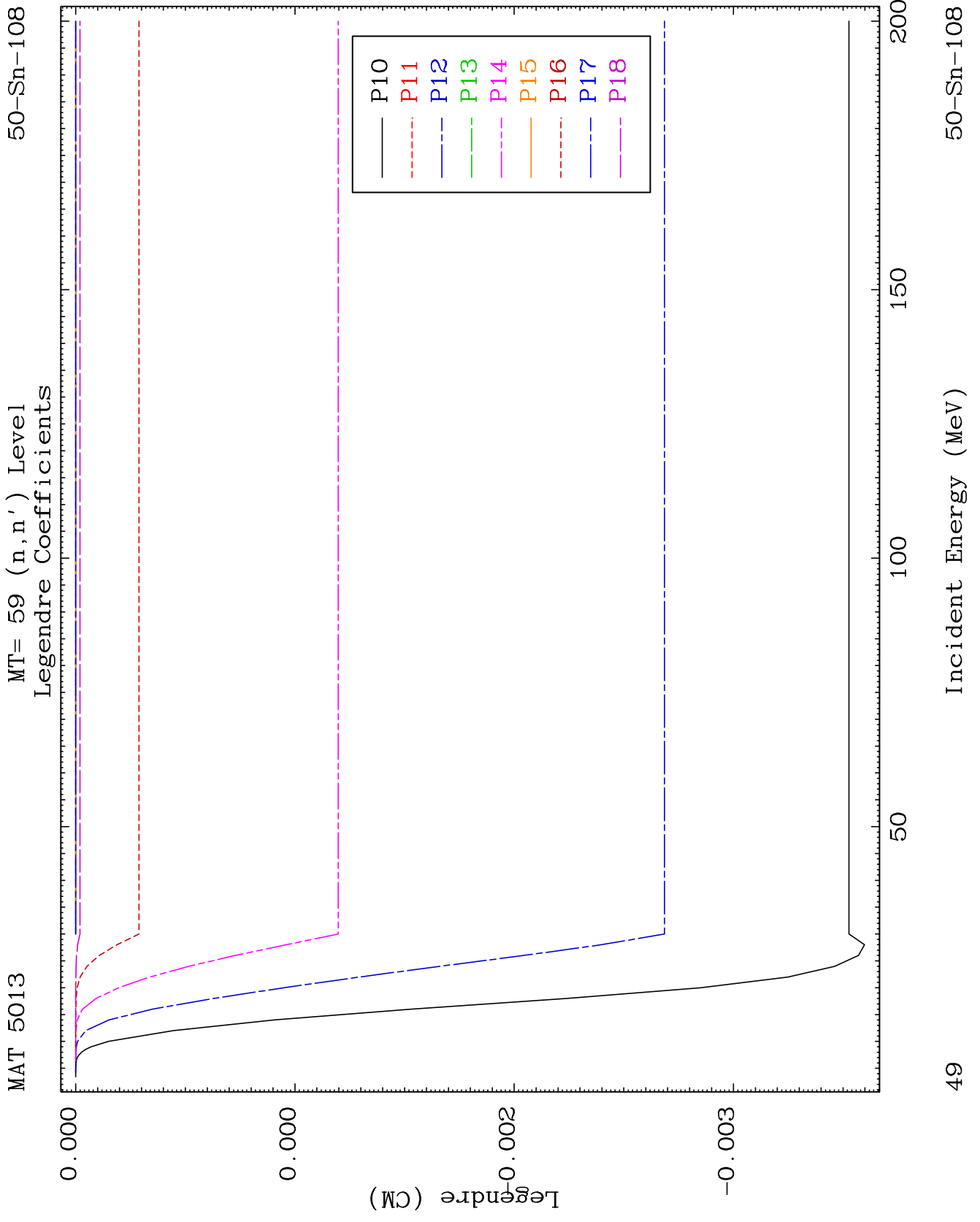


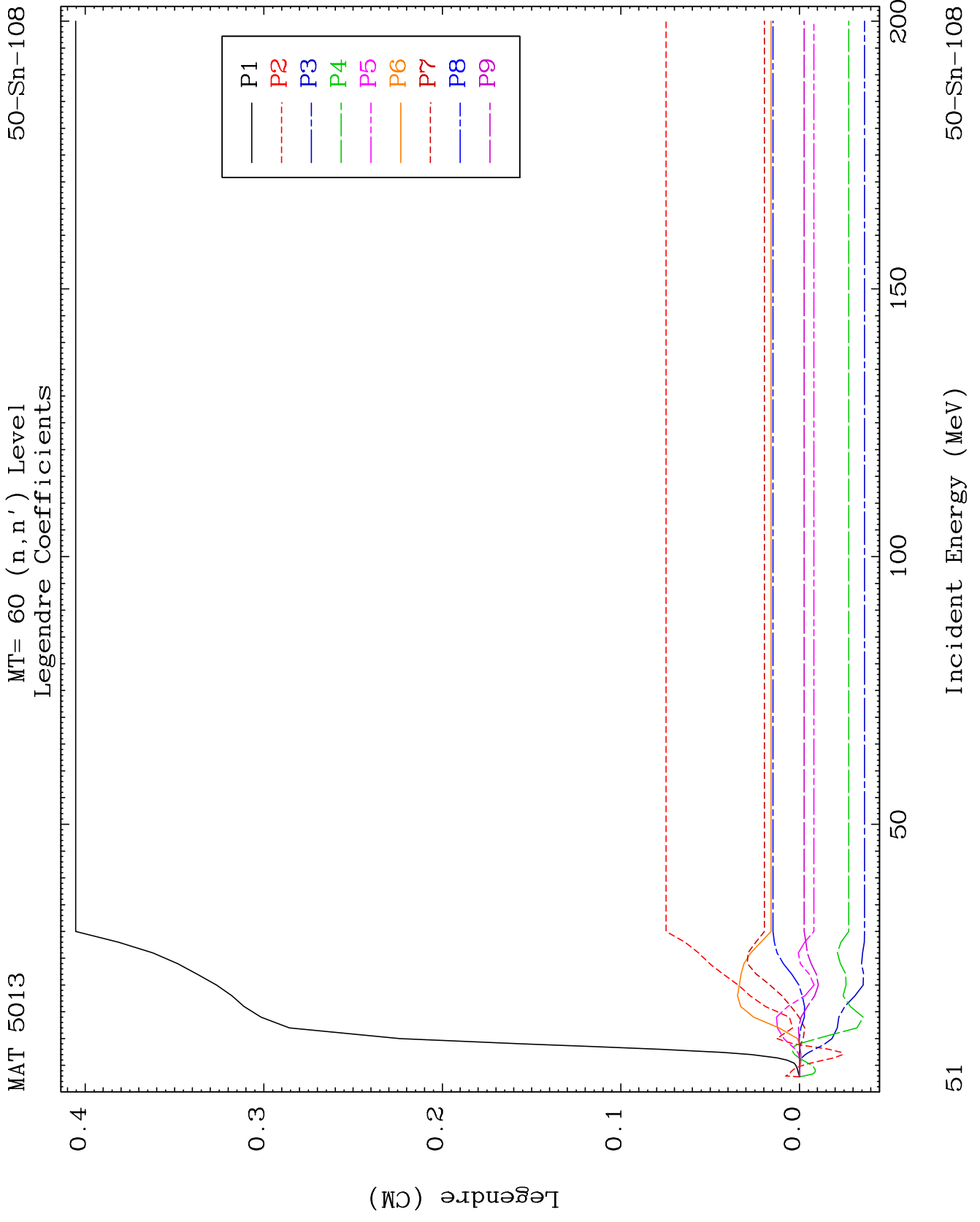








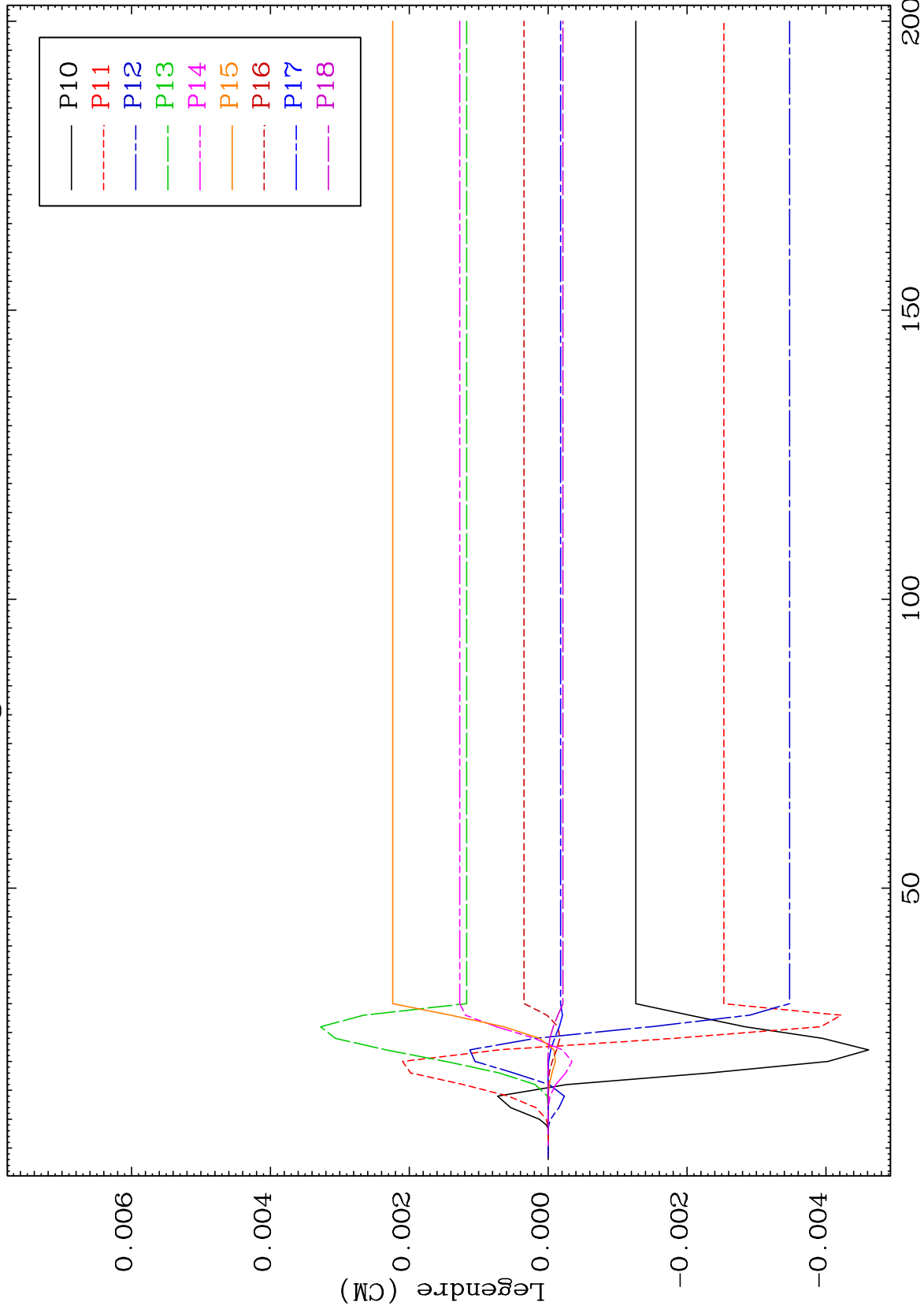




MAT 5013

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

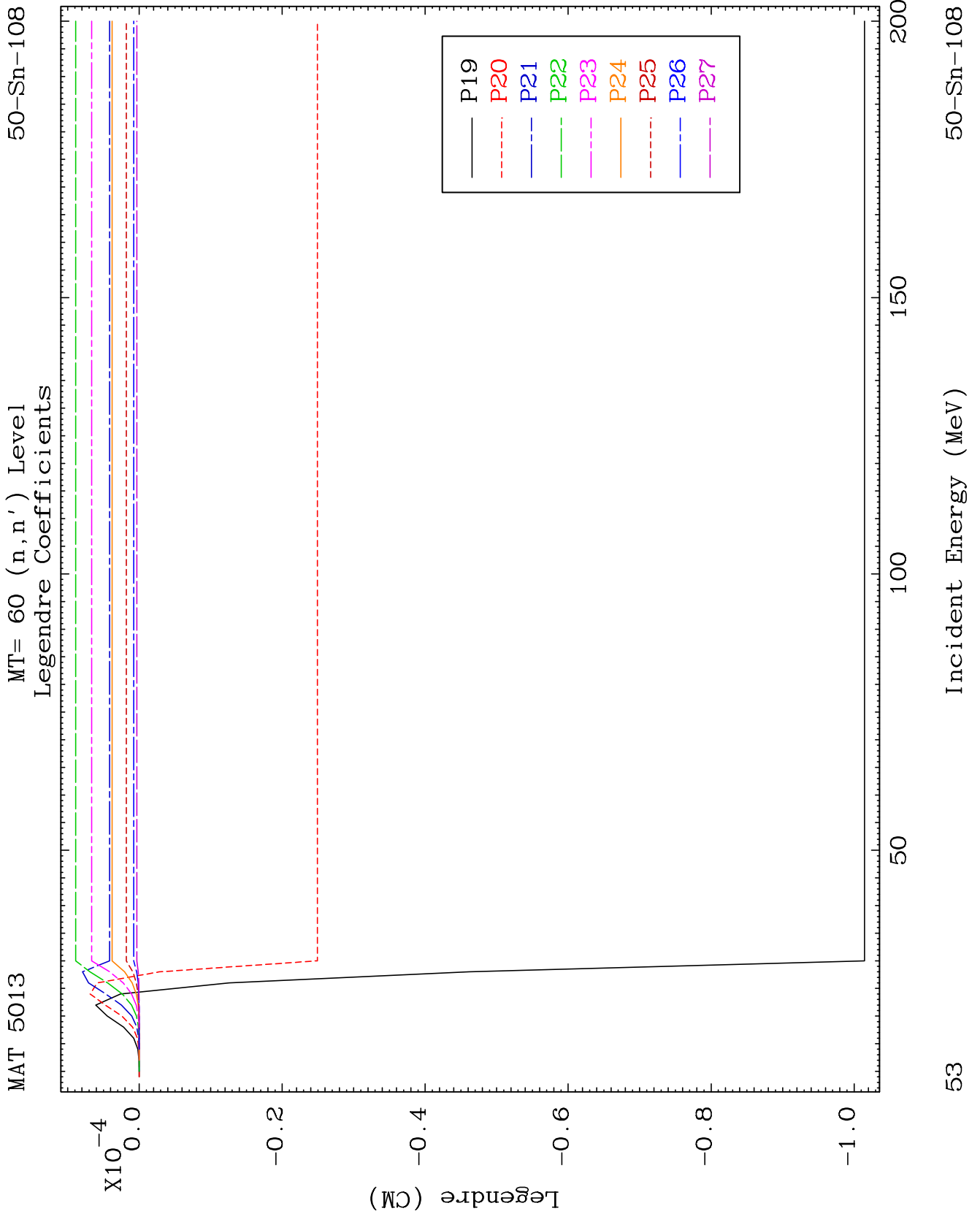
50-Sn-108



52

Incident Energy (MeV)

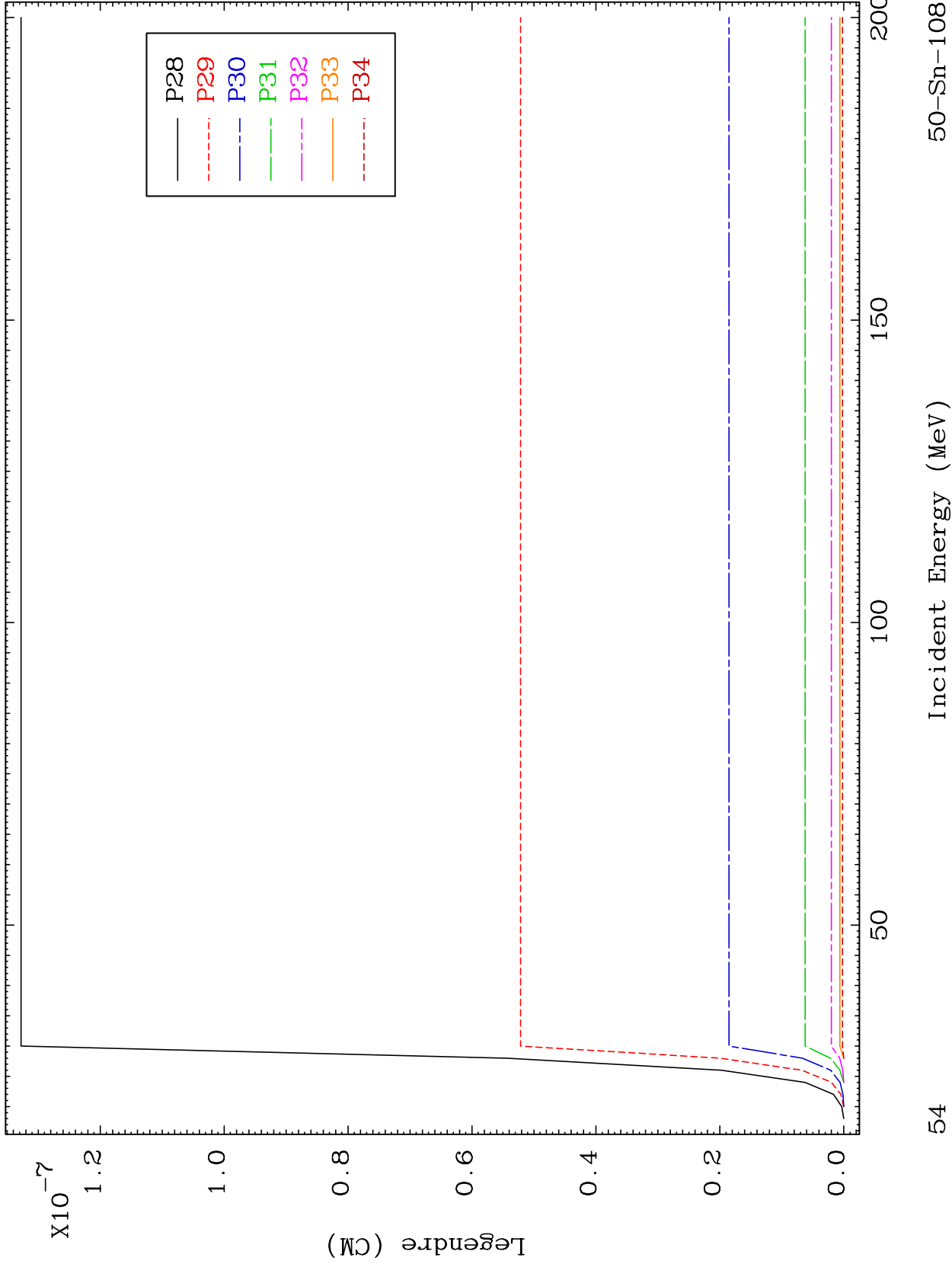
50-Sn-108



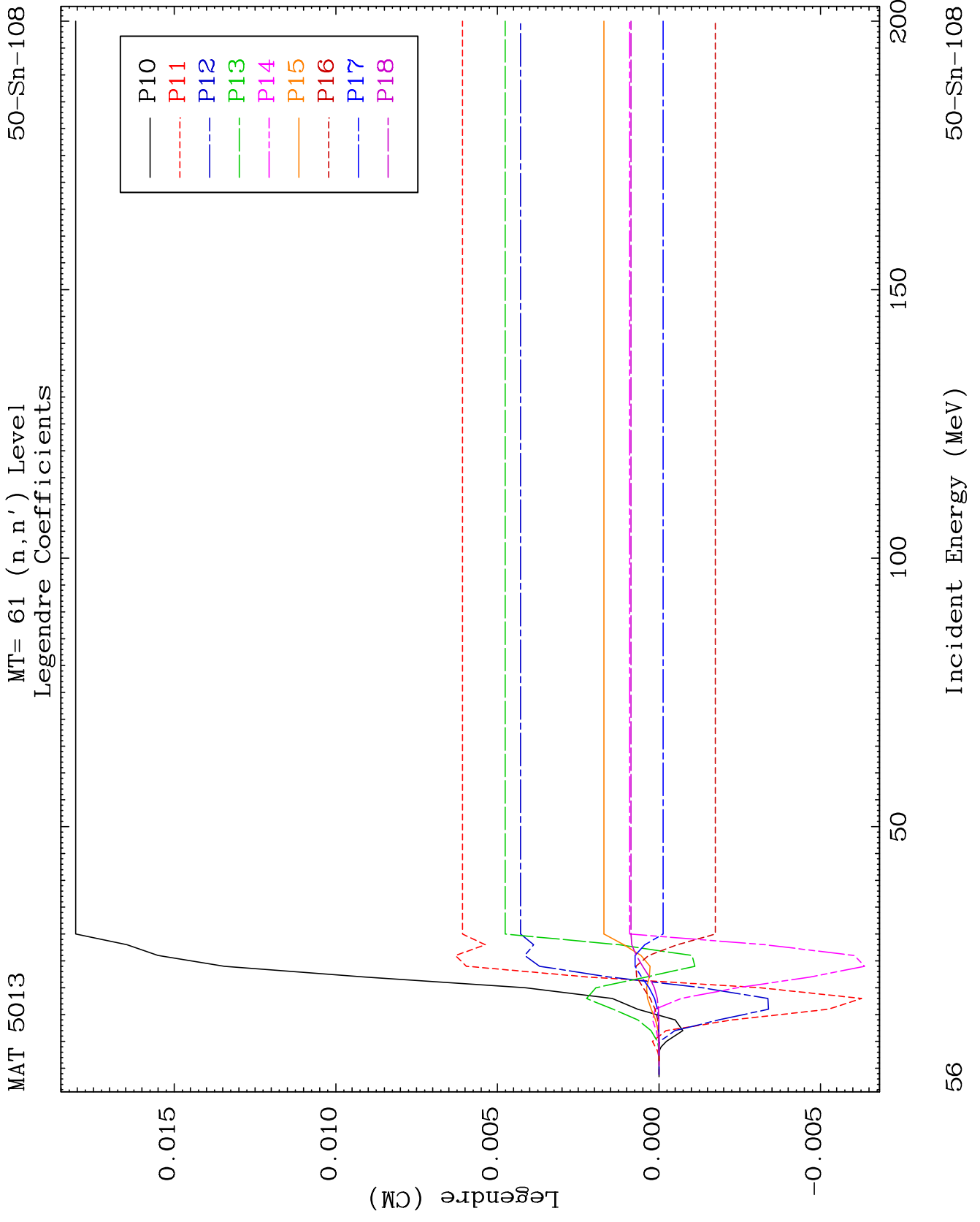
MAT 5013

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

50-Sn-108



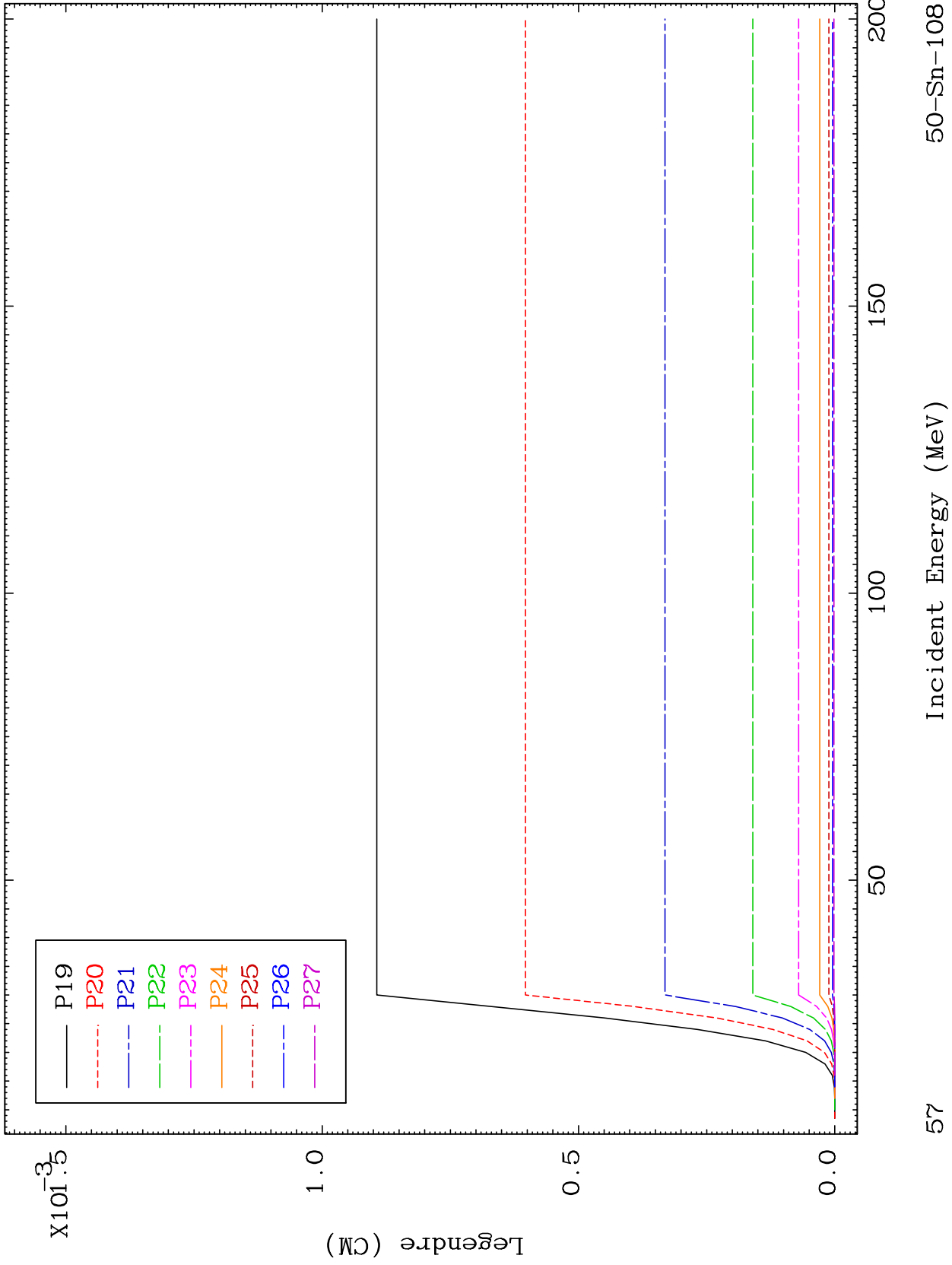
54



MAT 5013

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

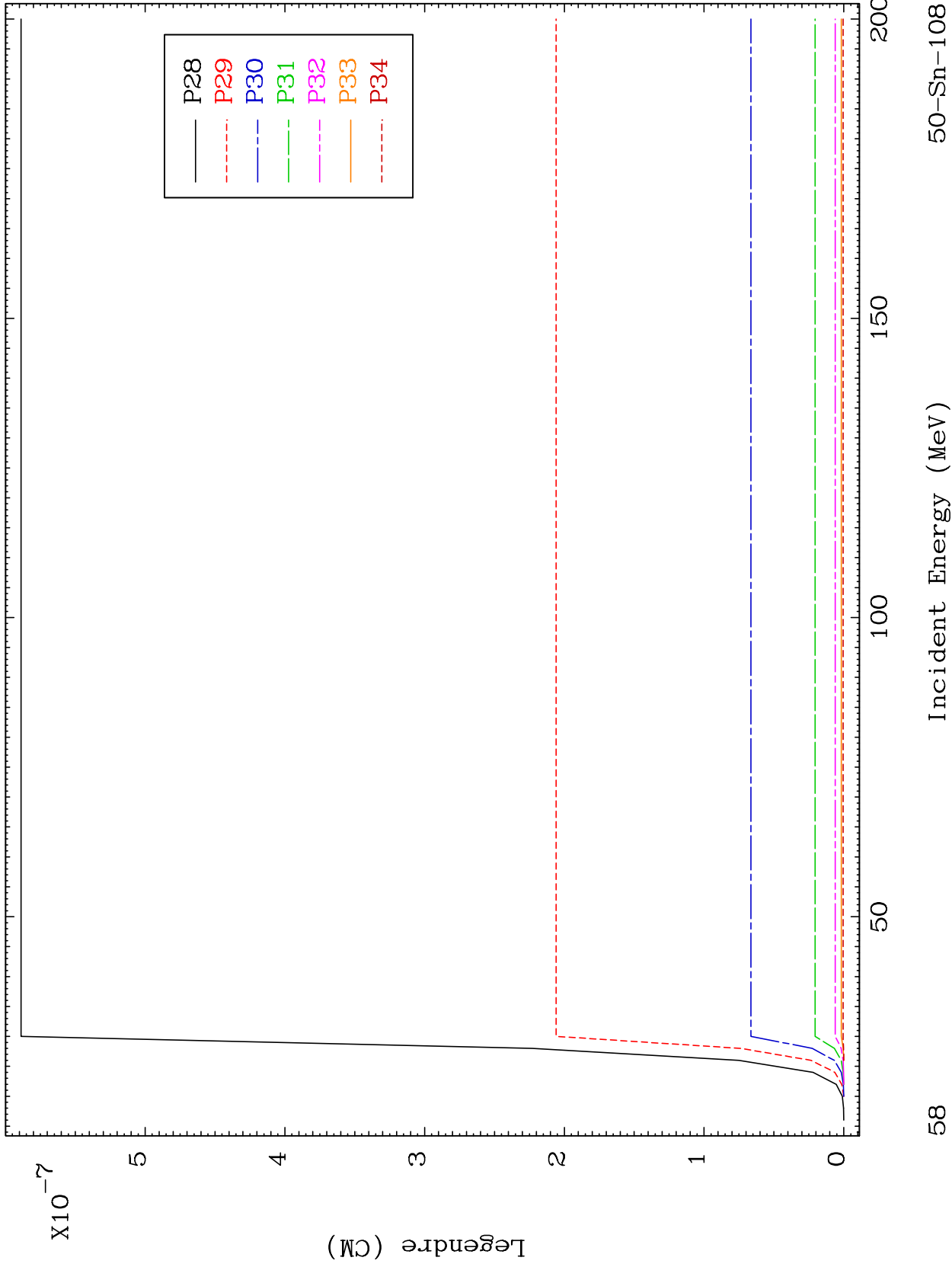
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MAT 5013

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

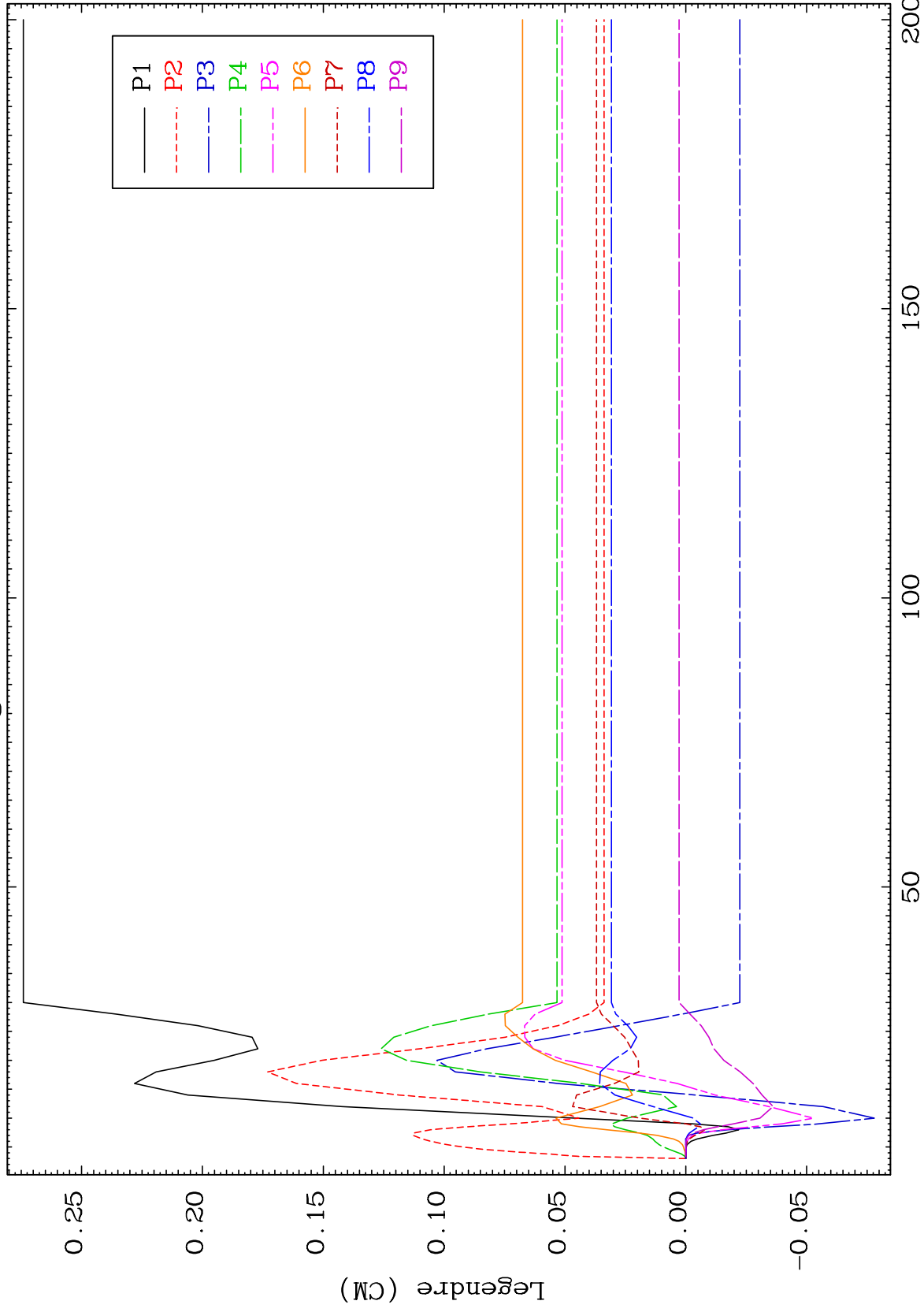
50-Sn-108



MAT 5013

MT= 62 (n,n') Level
Legendre Coefficients

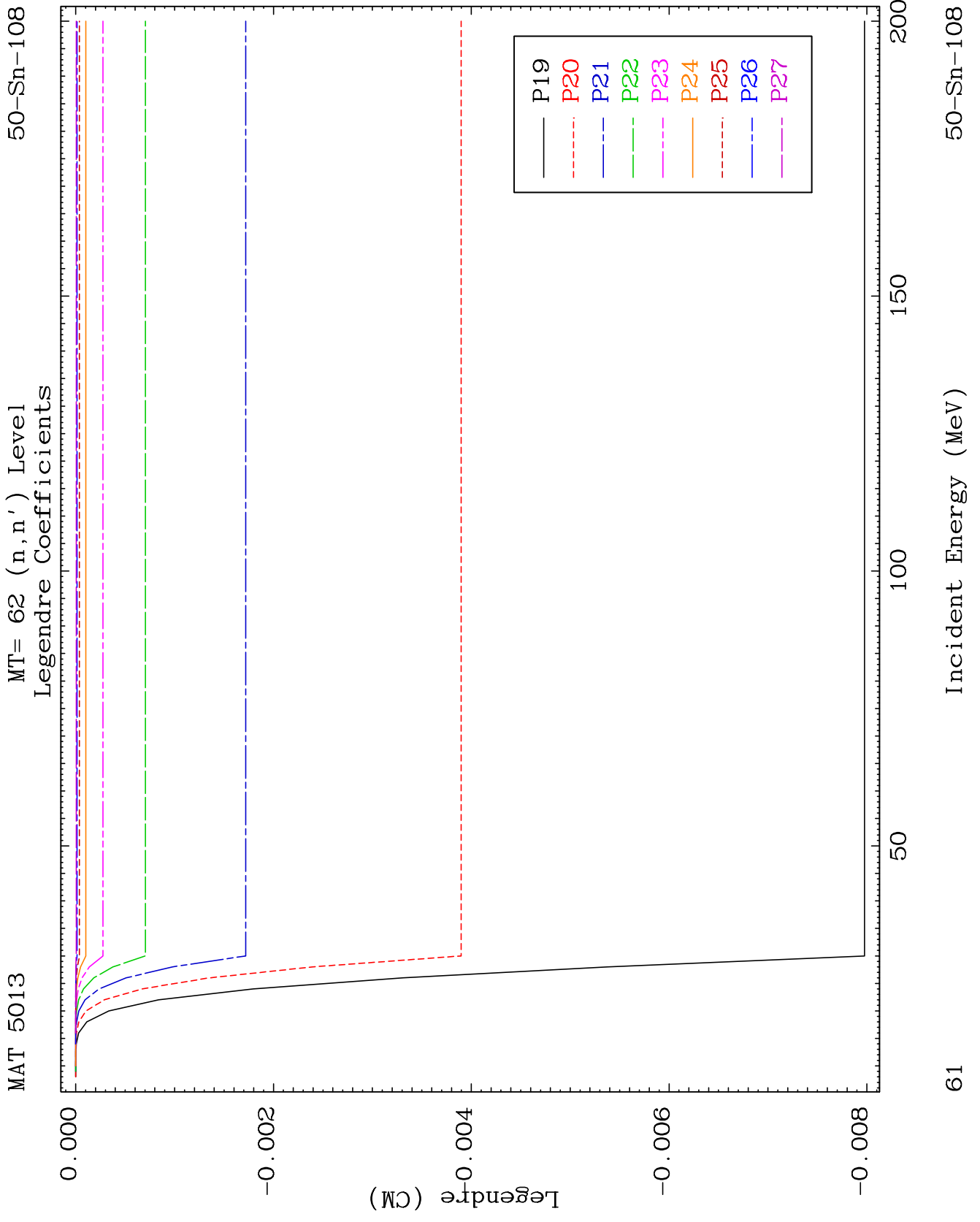
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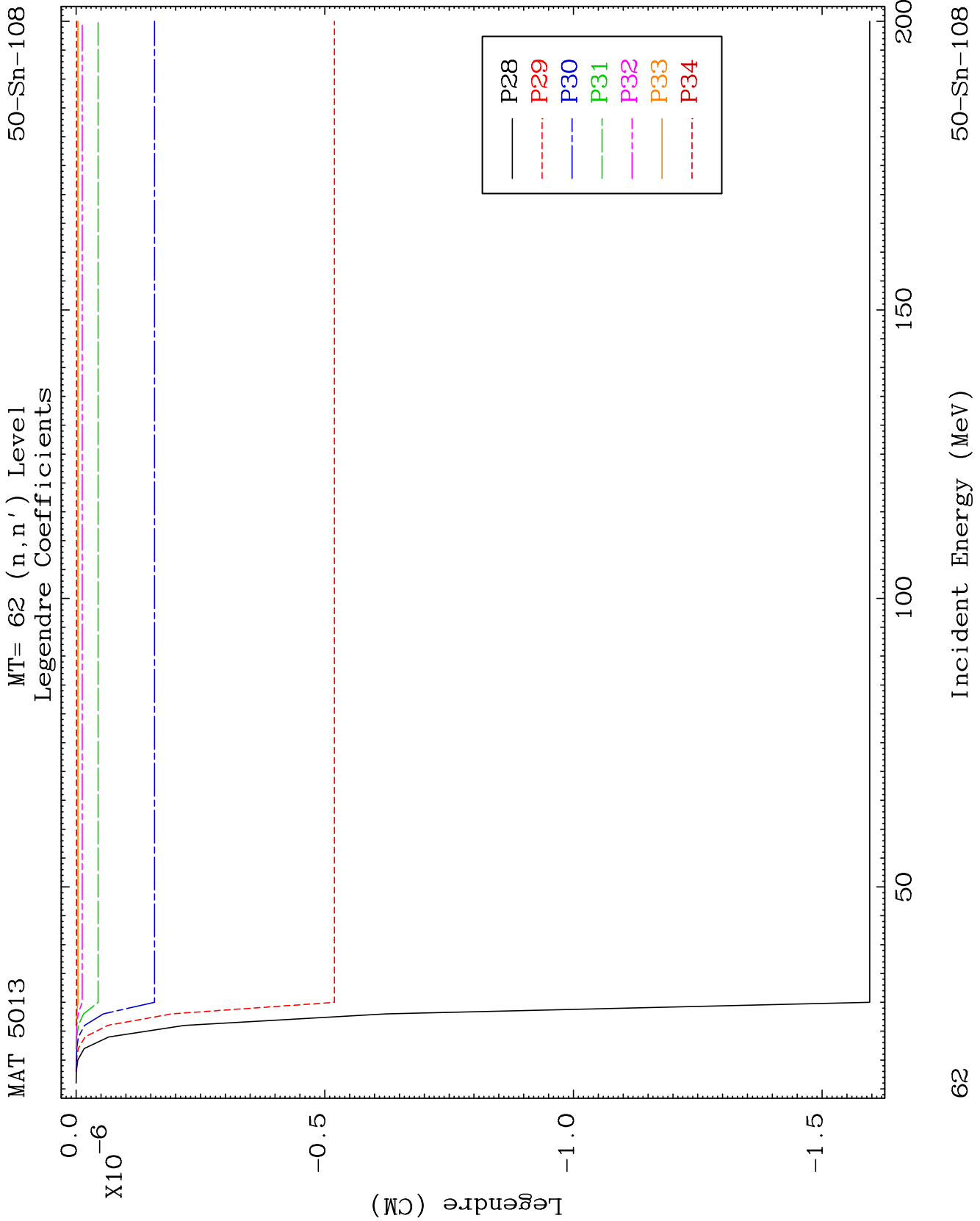


59

Incident Energy (MeV)

50-Sn-108

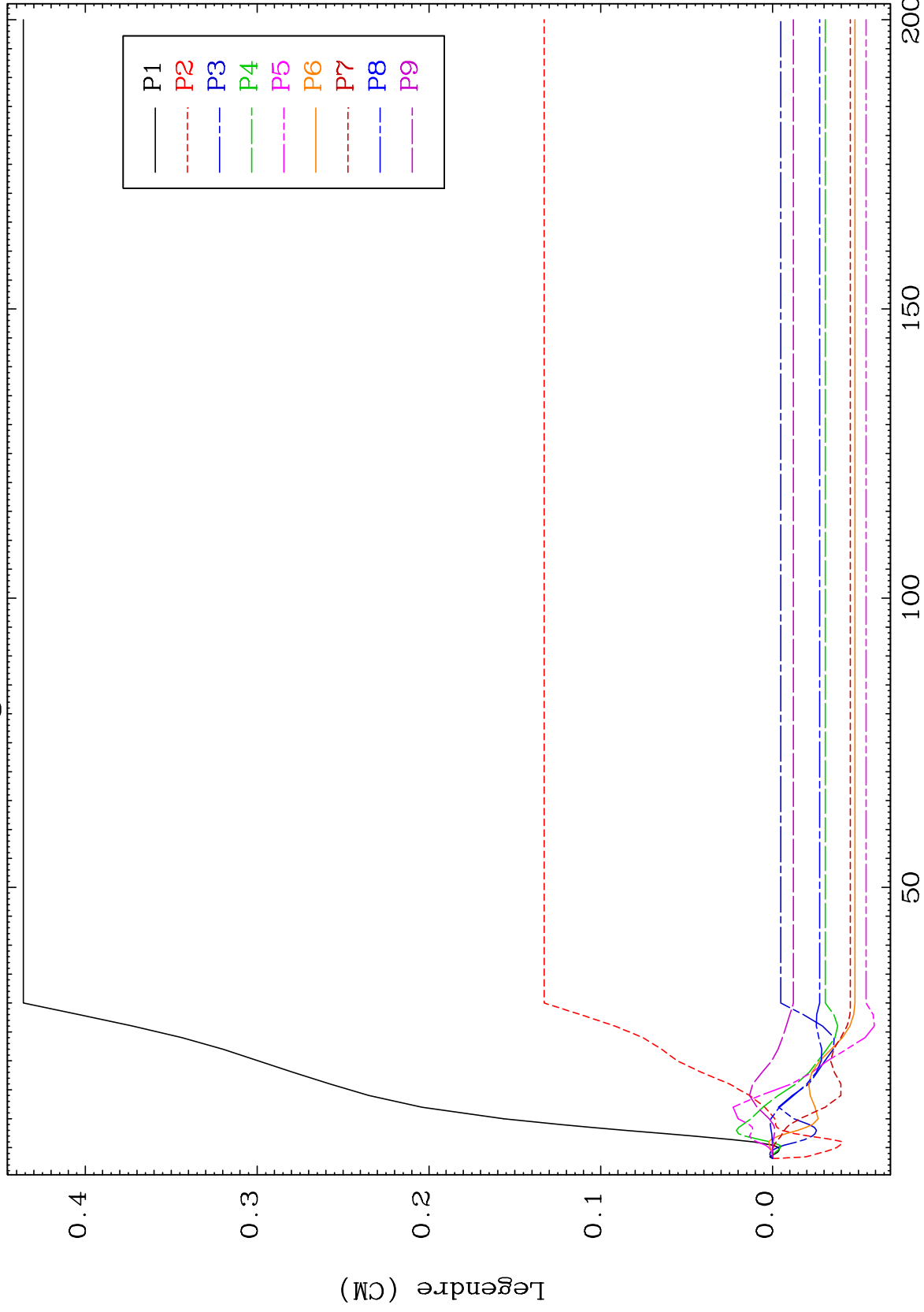




MAT 5013

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

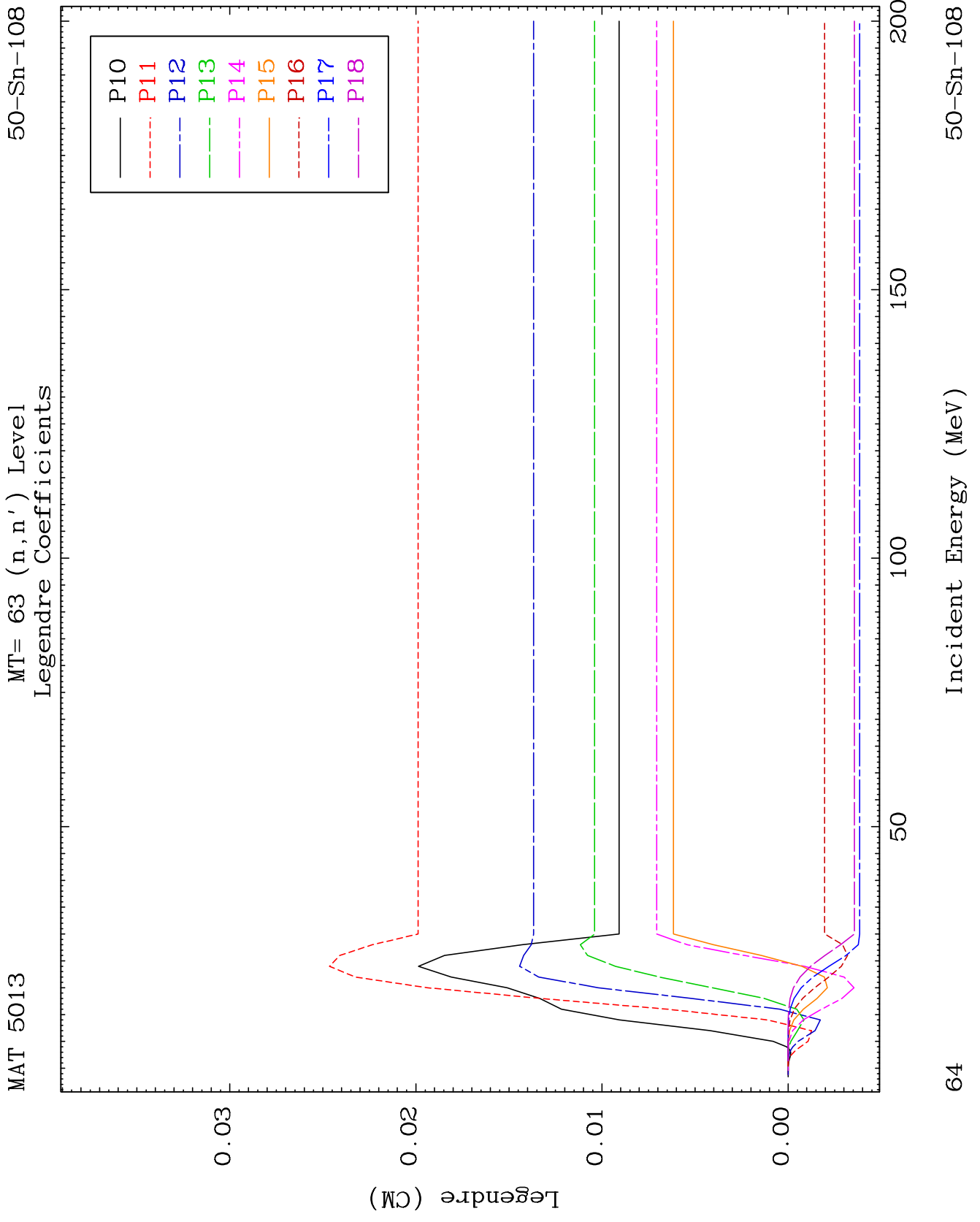
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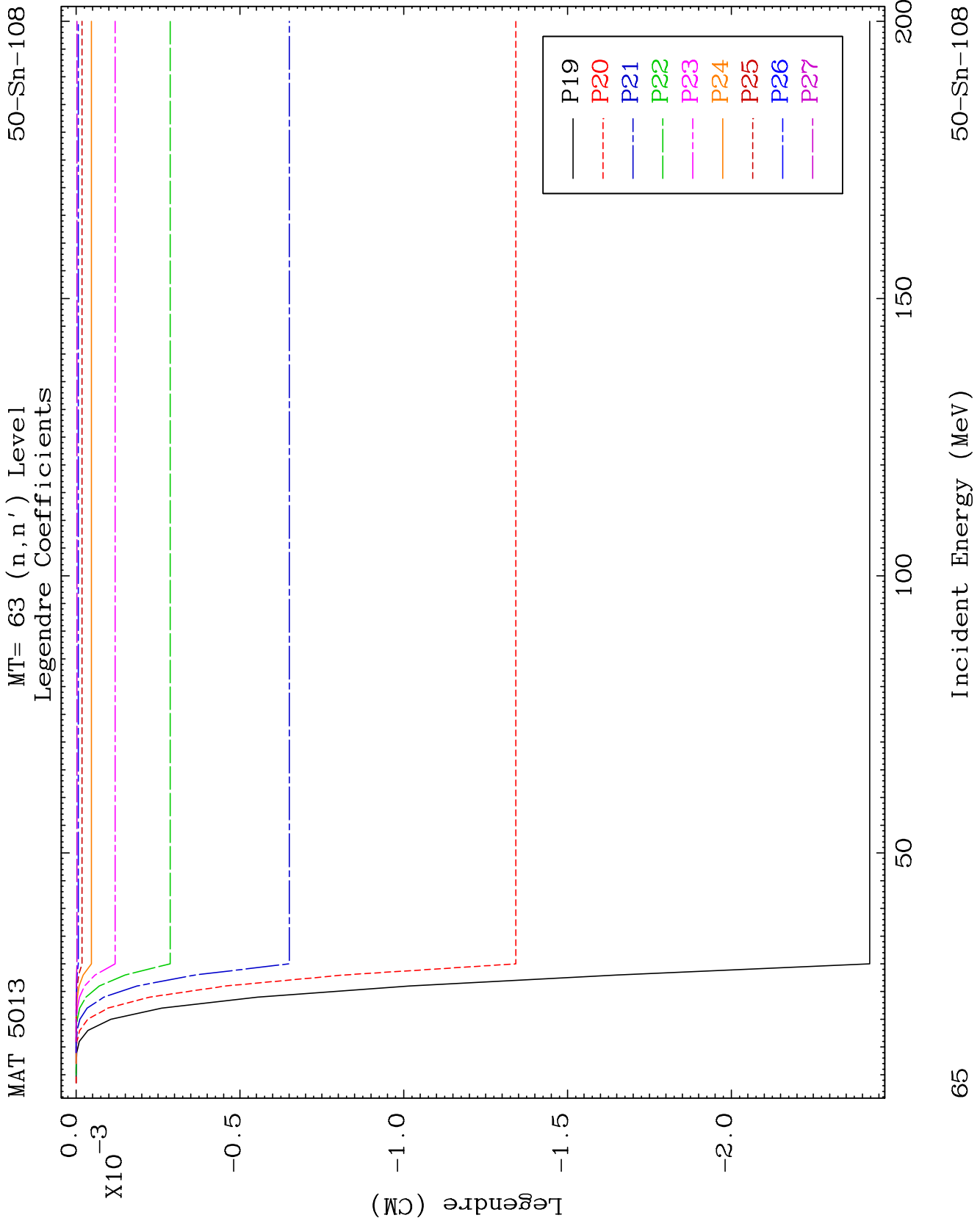


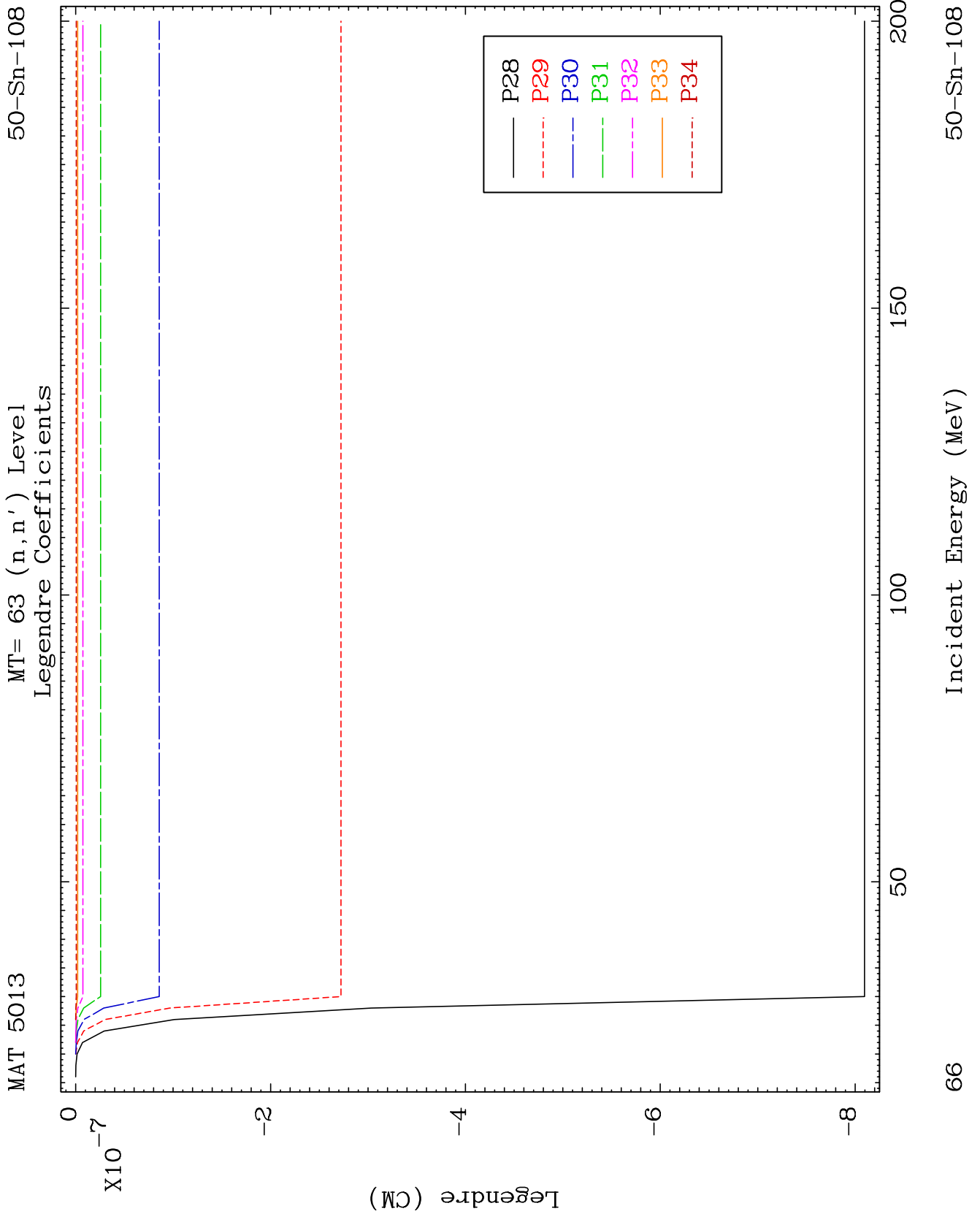
63

Incident Energy (MeV)

50-Sn-108



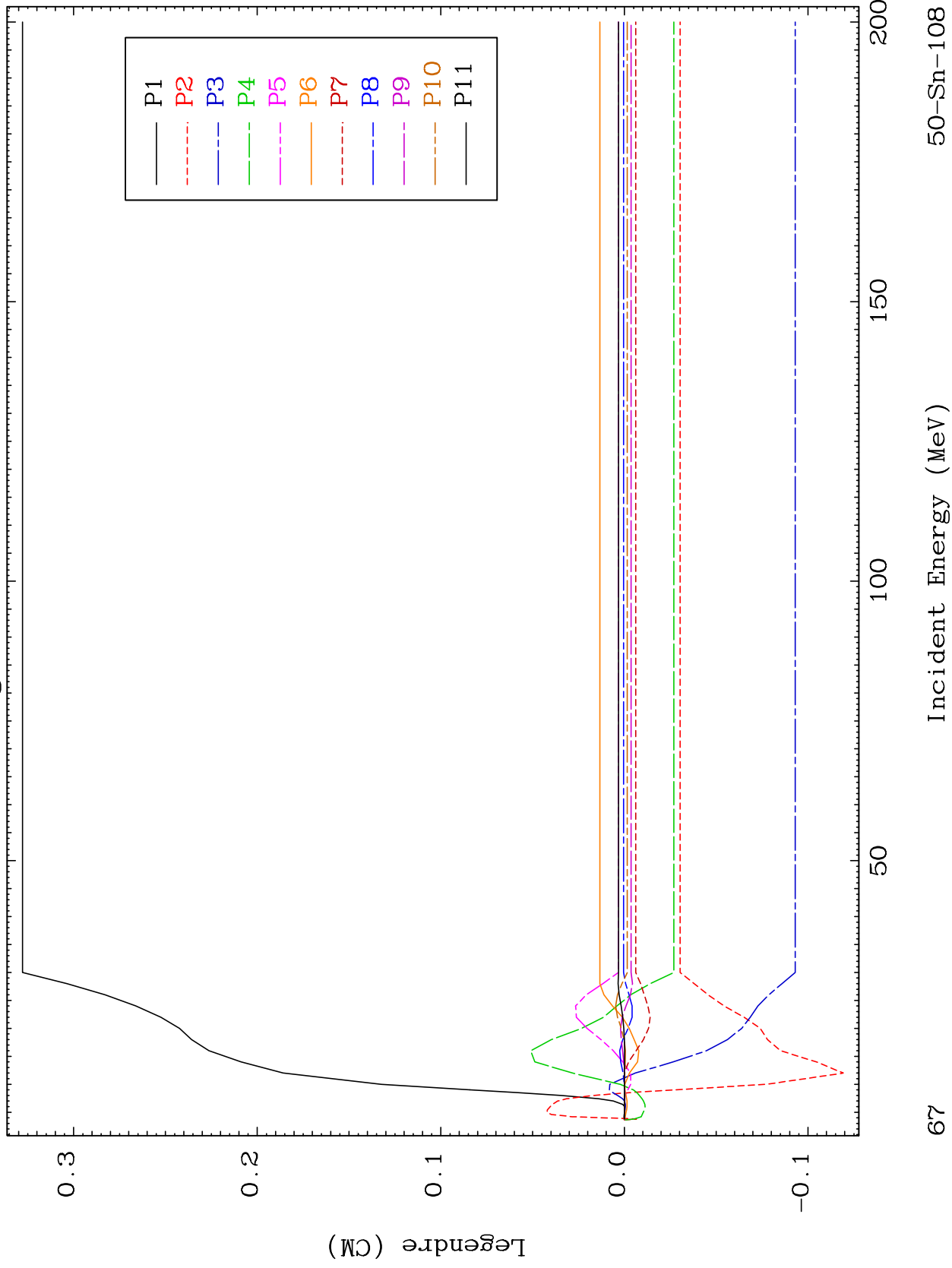




MAT 5013

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

50-Sn-108



67

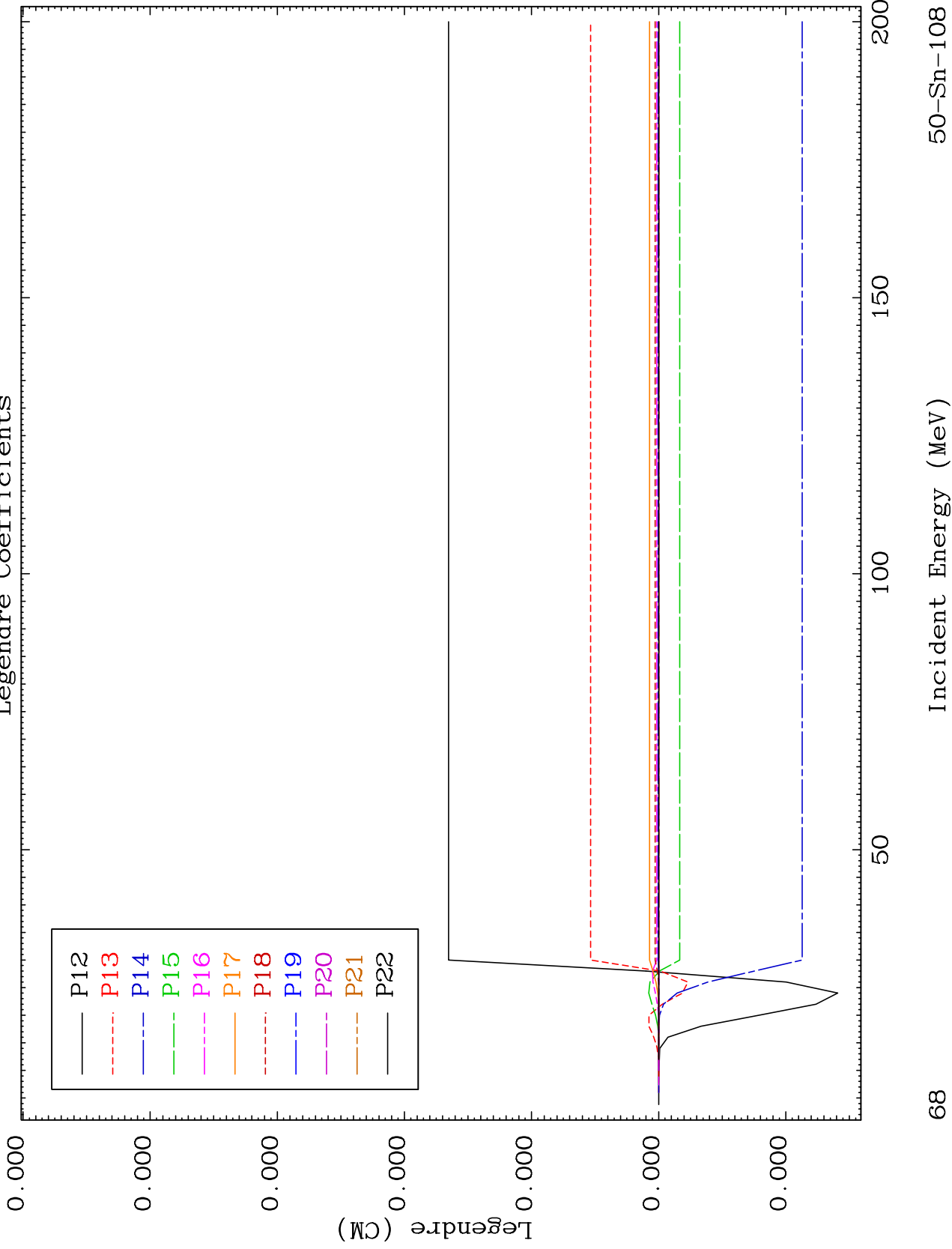
Incident Energy (MeV)

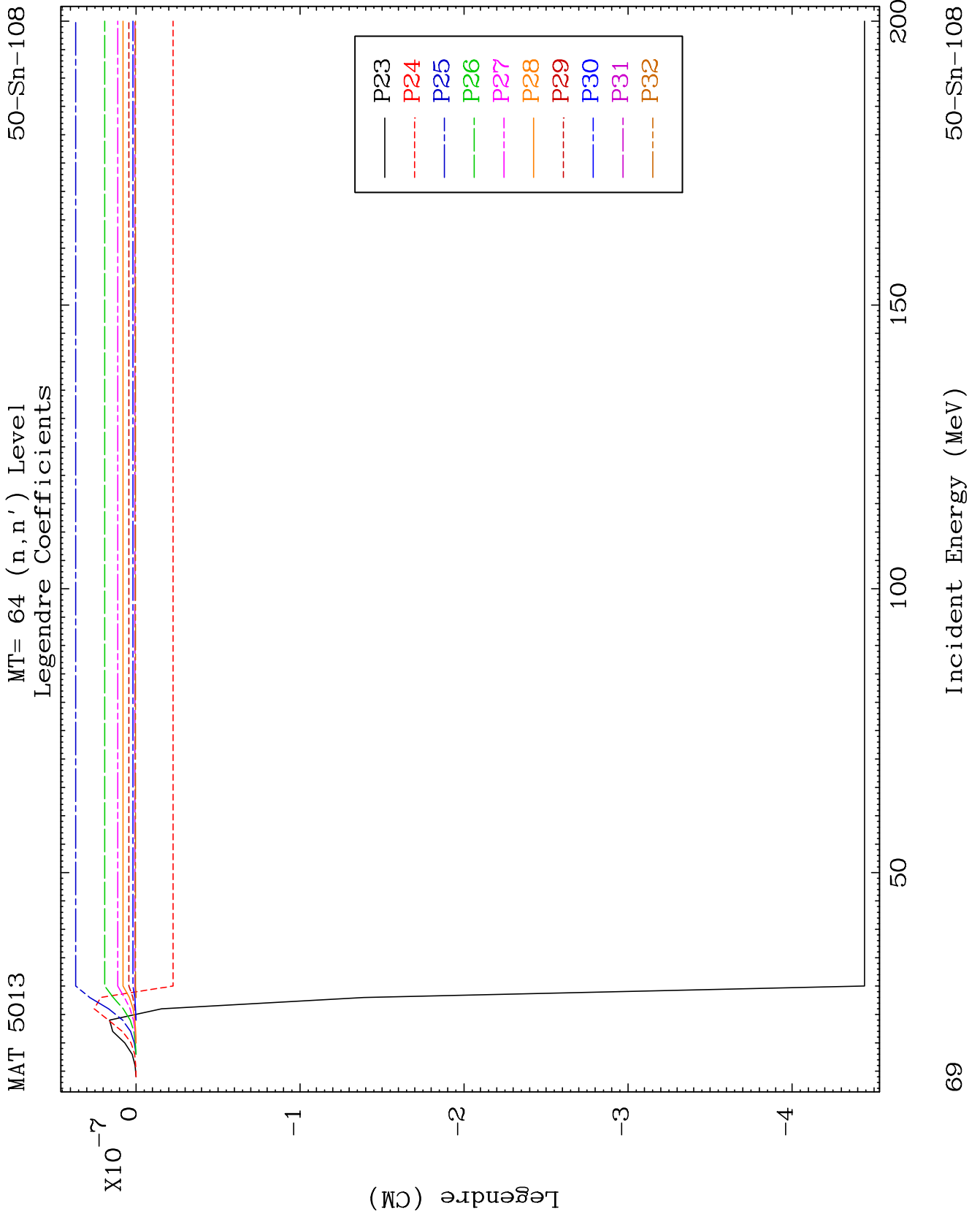
50-Sn-108

MAT 5013

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

50-Sn-108

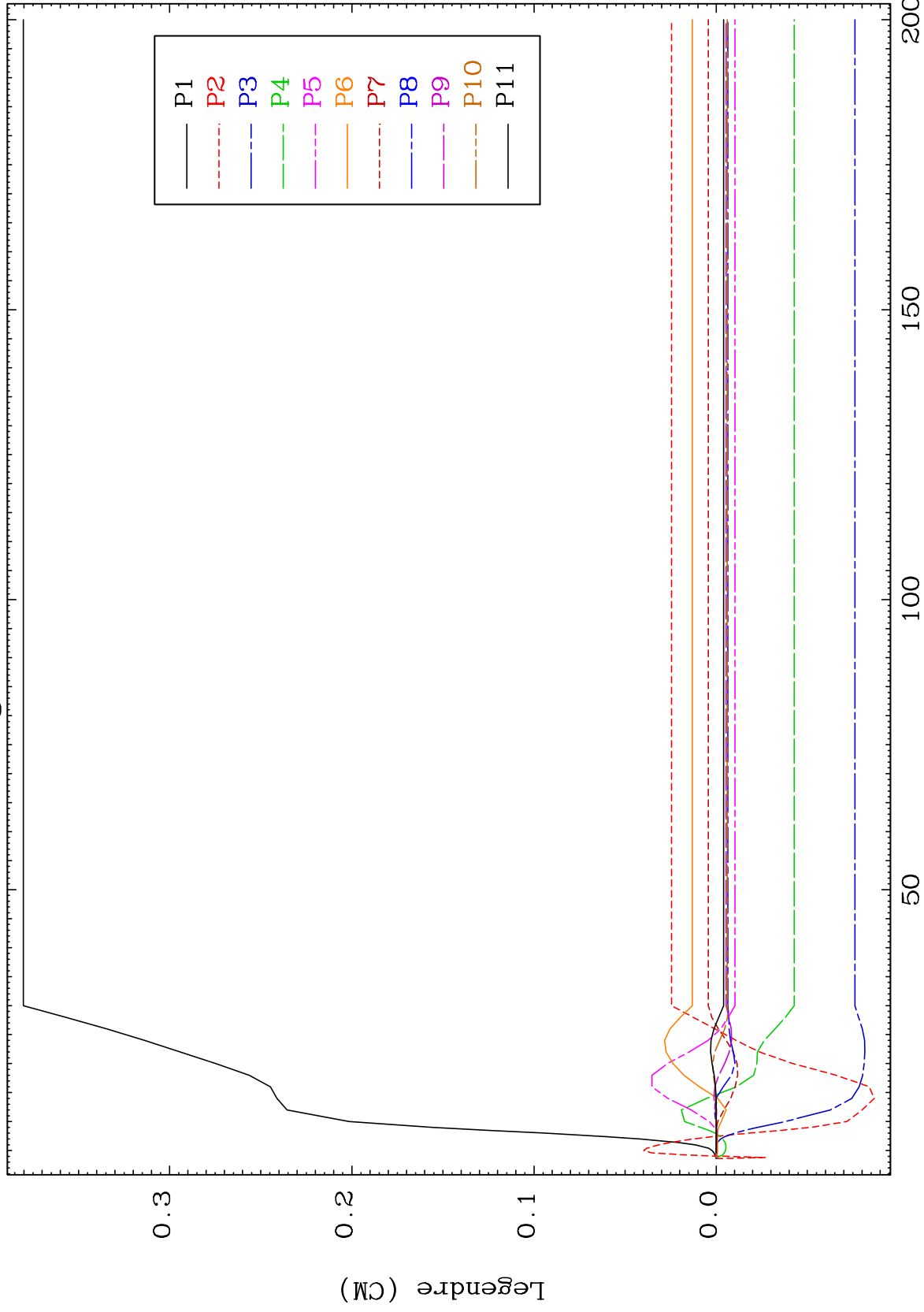




MAT 5013

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

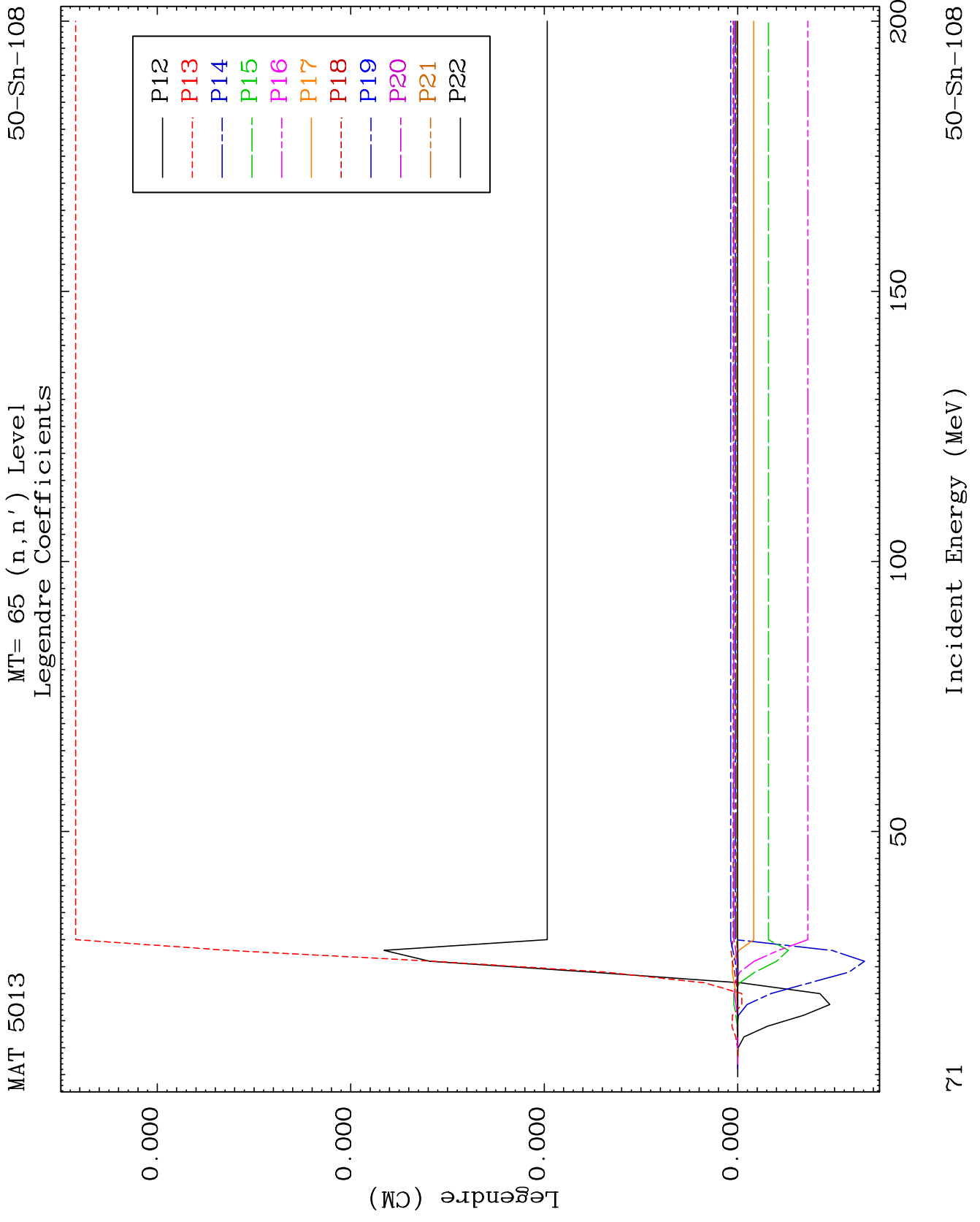
50-Sn-108



70

Incident Energy (MeV)

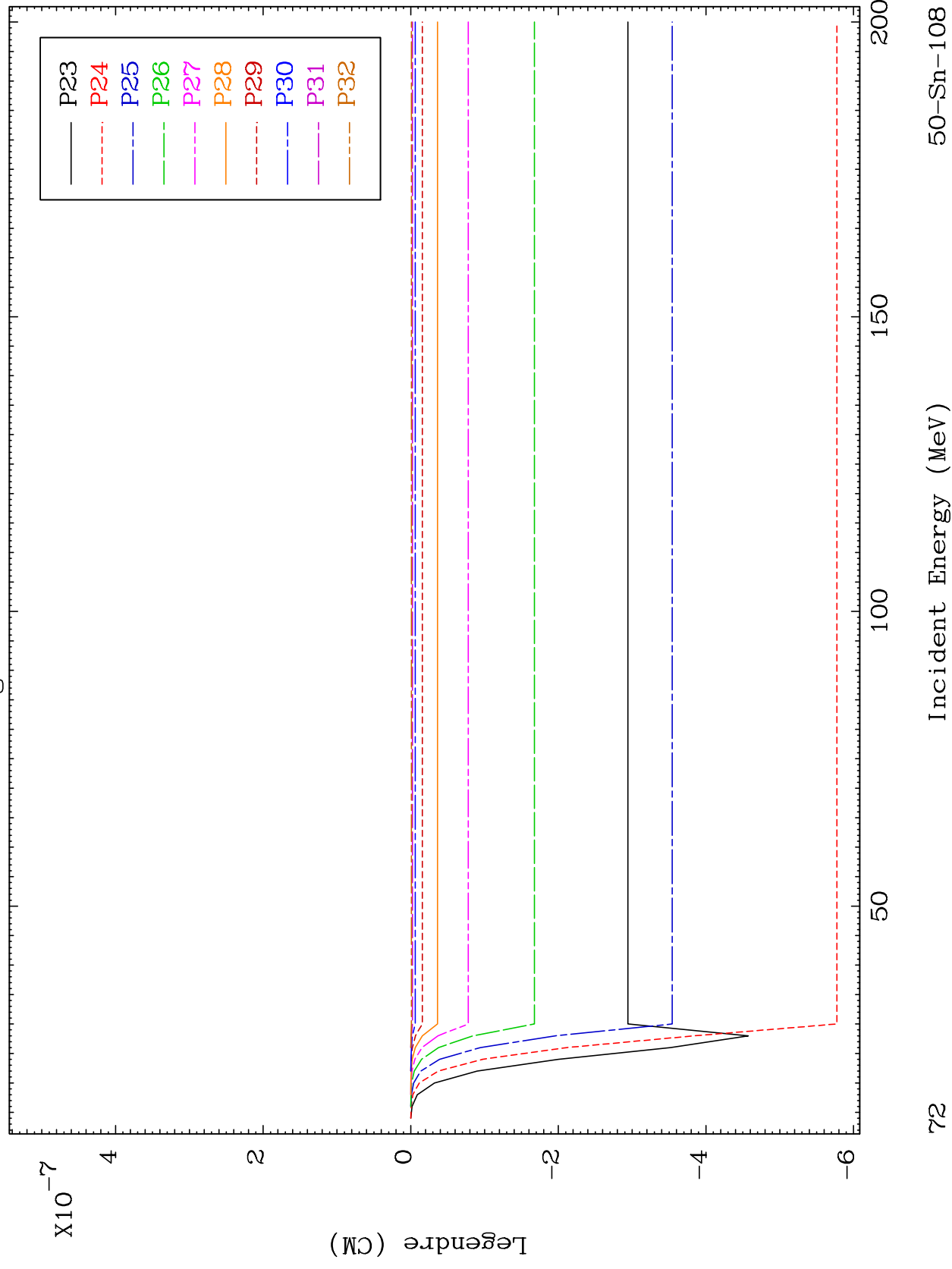
50-Sn-108



MAT 5013

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

50-Sn-108



72

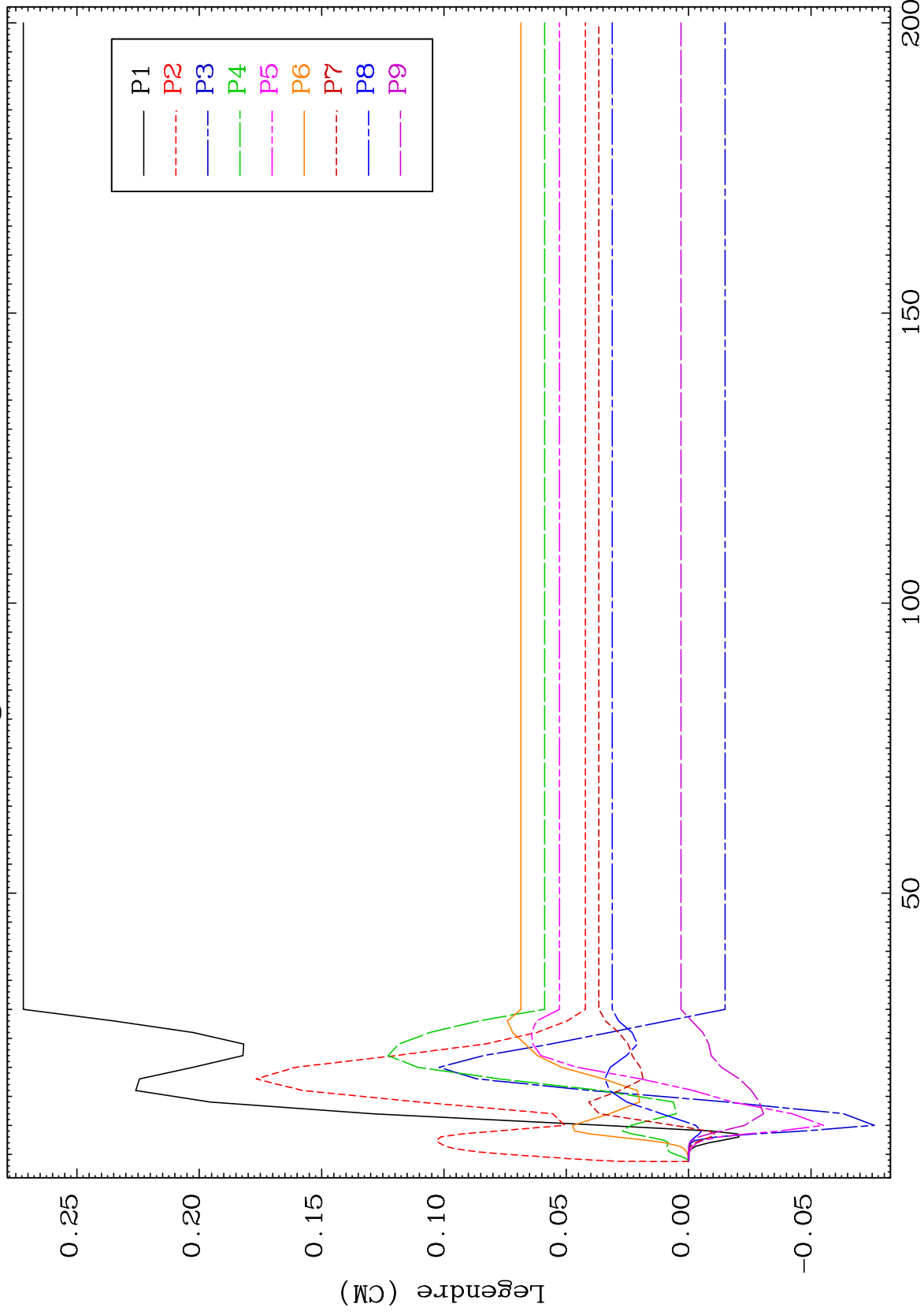
Incident Energy (MeV)

50-Sn-108

MAT 5013

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

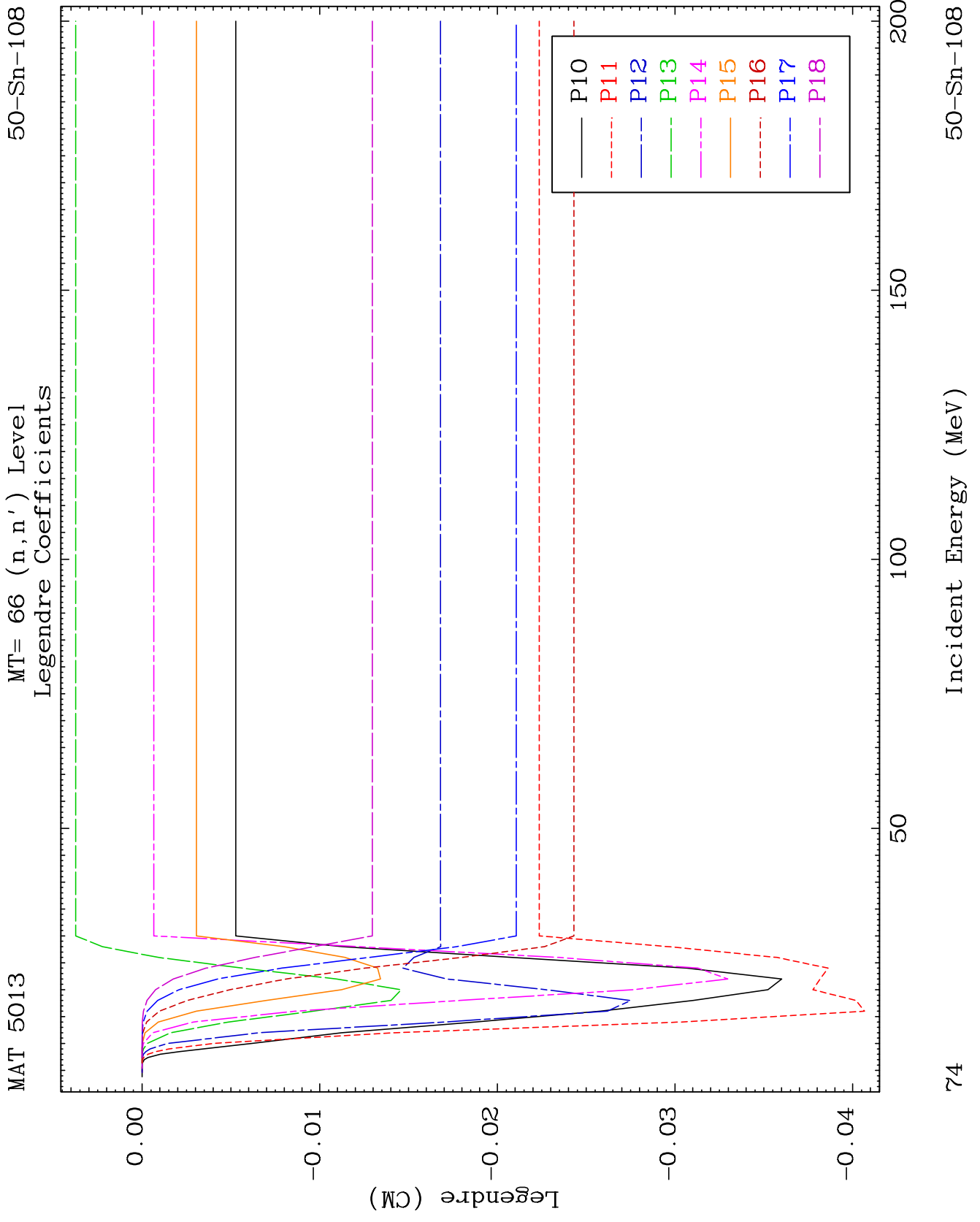
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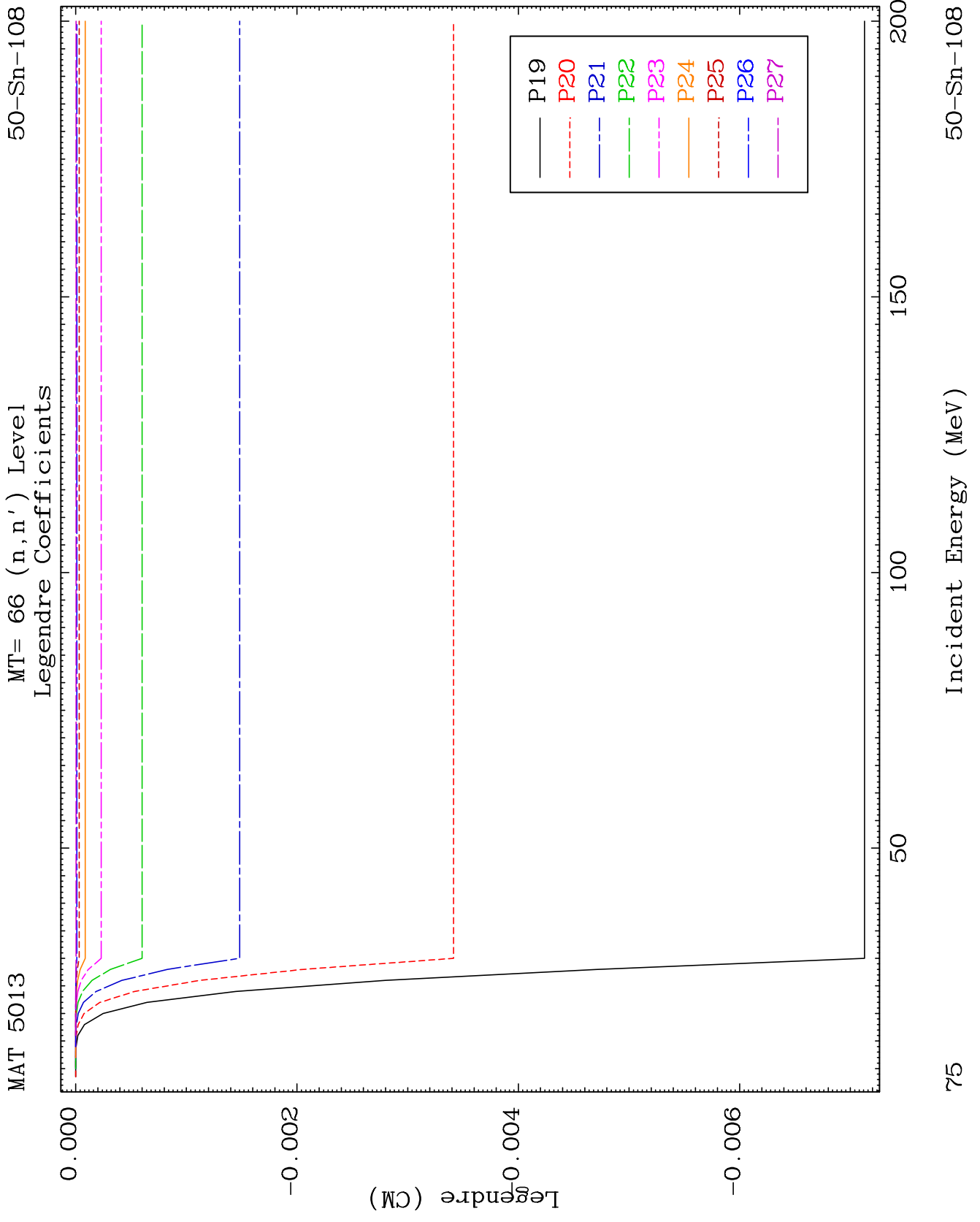


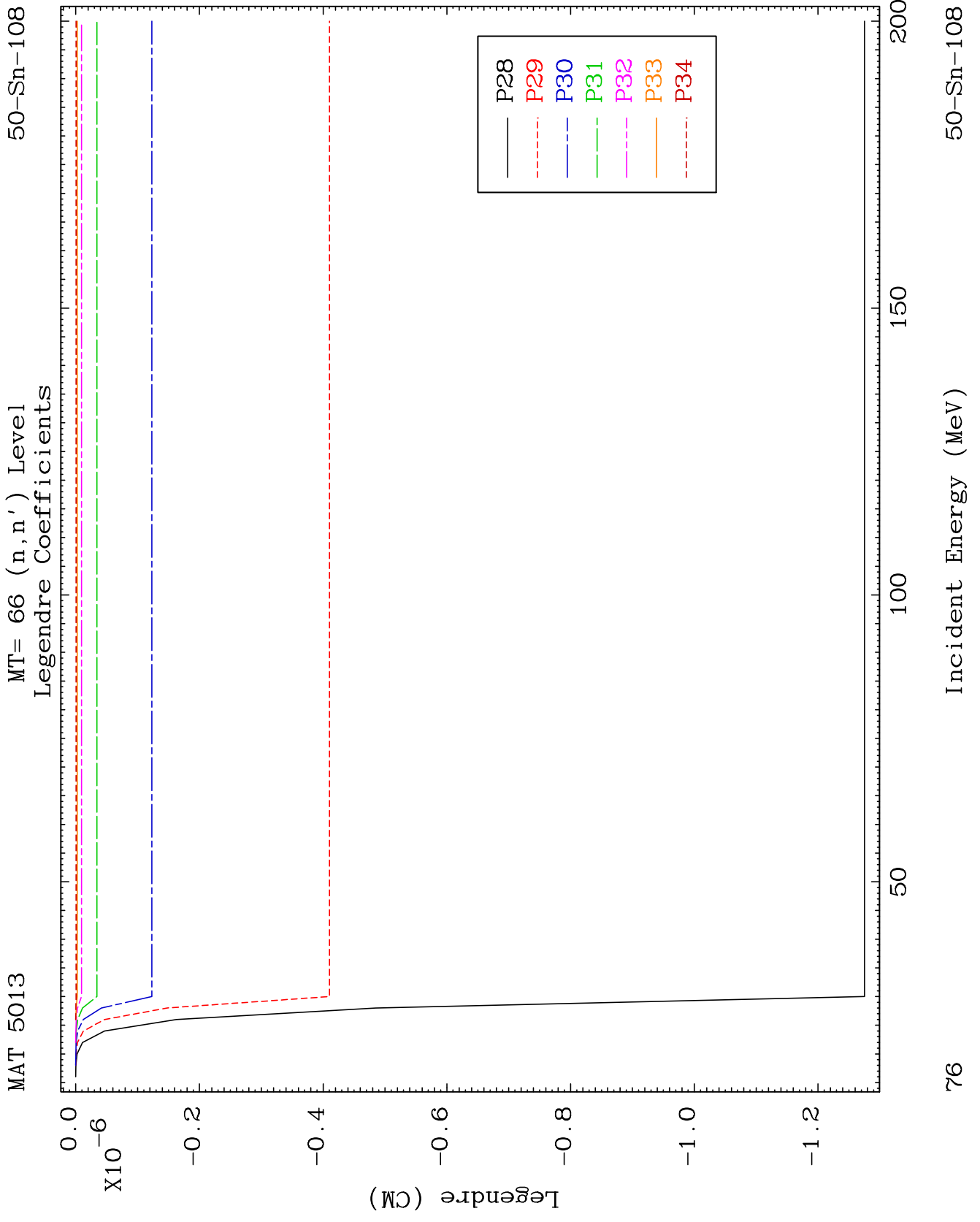
73

Incident Energy (MeV)

50-Sn-108





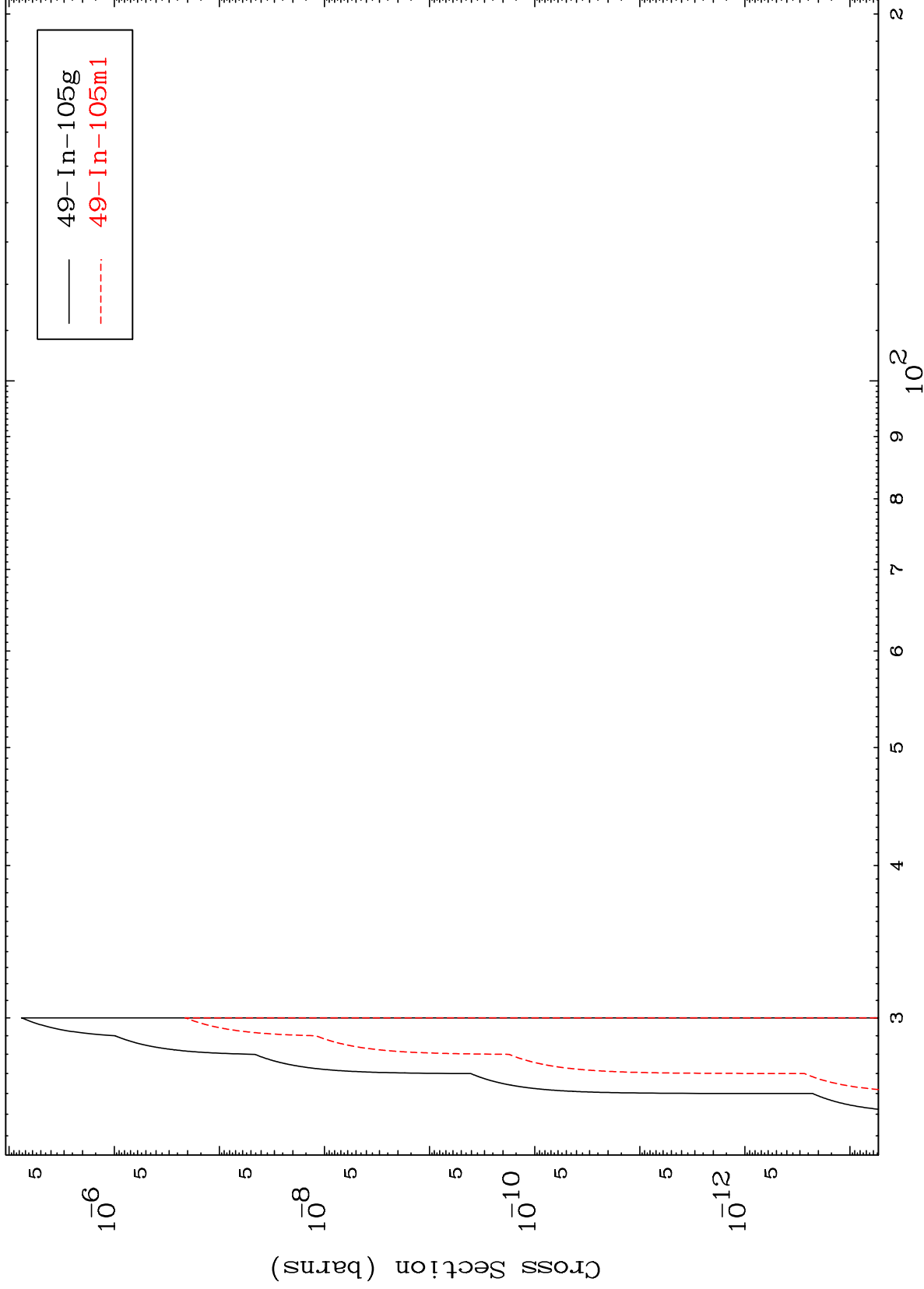


MAT 5013

(n,2n) d

50-Sn-108

Radionuclide Production Cross Section



77

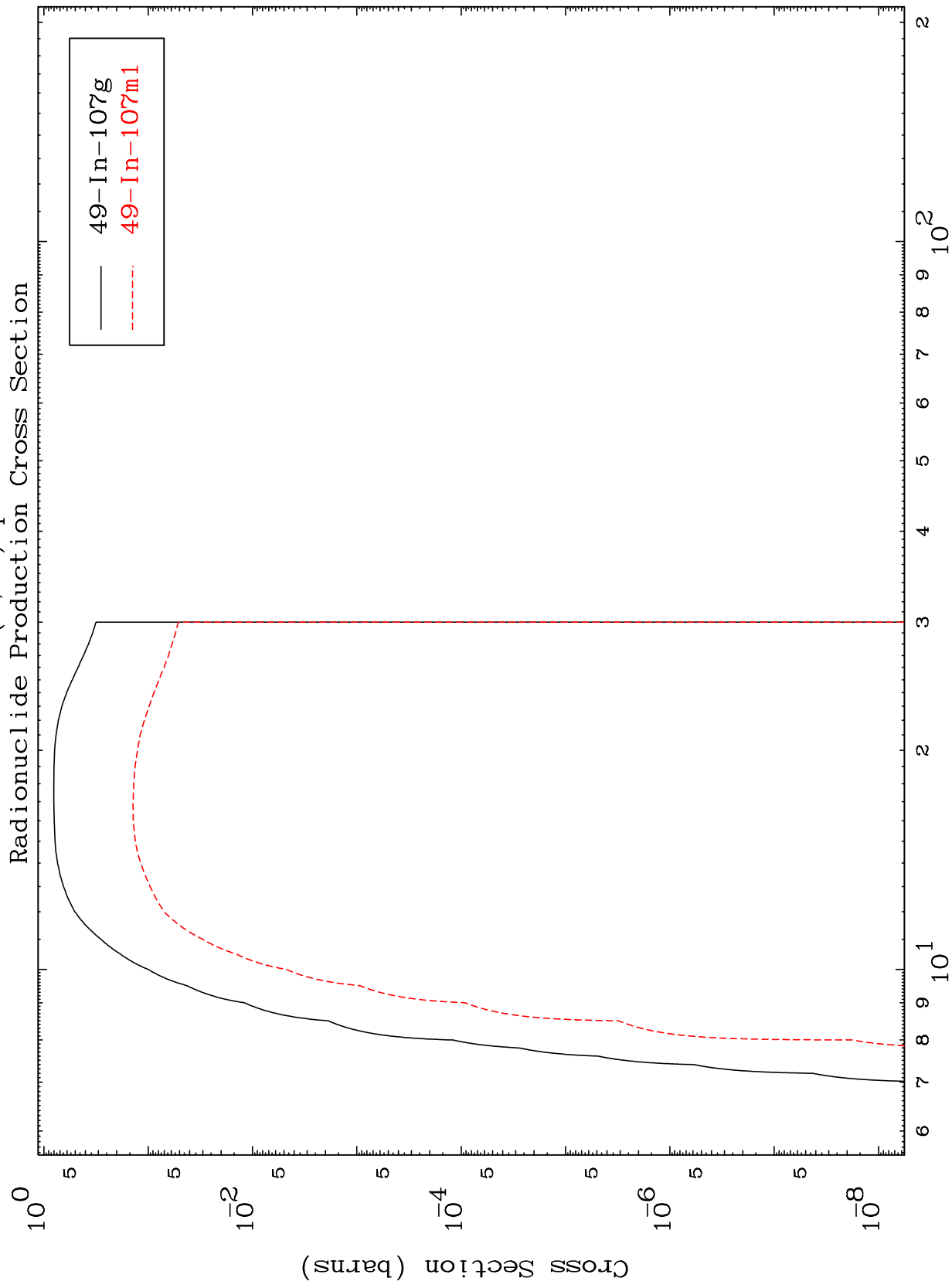
Incident Energy (MeV)

50-Sn-108

MAT 5013

(n,n') p

50-Sn-108



78

Incident Energy (MeV)

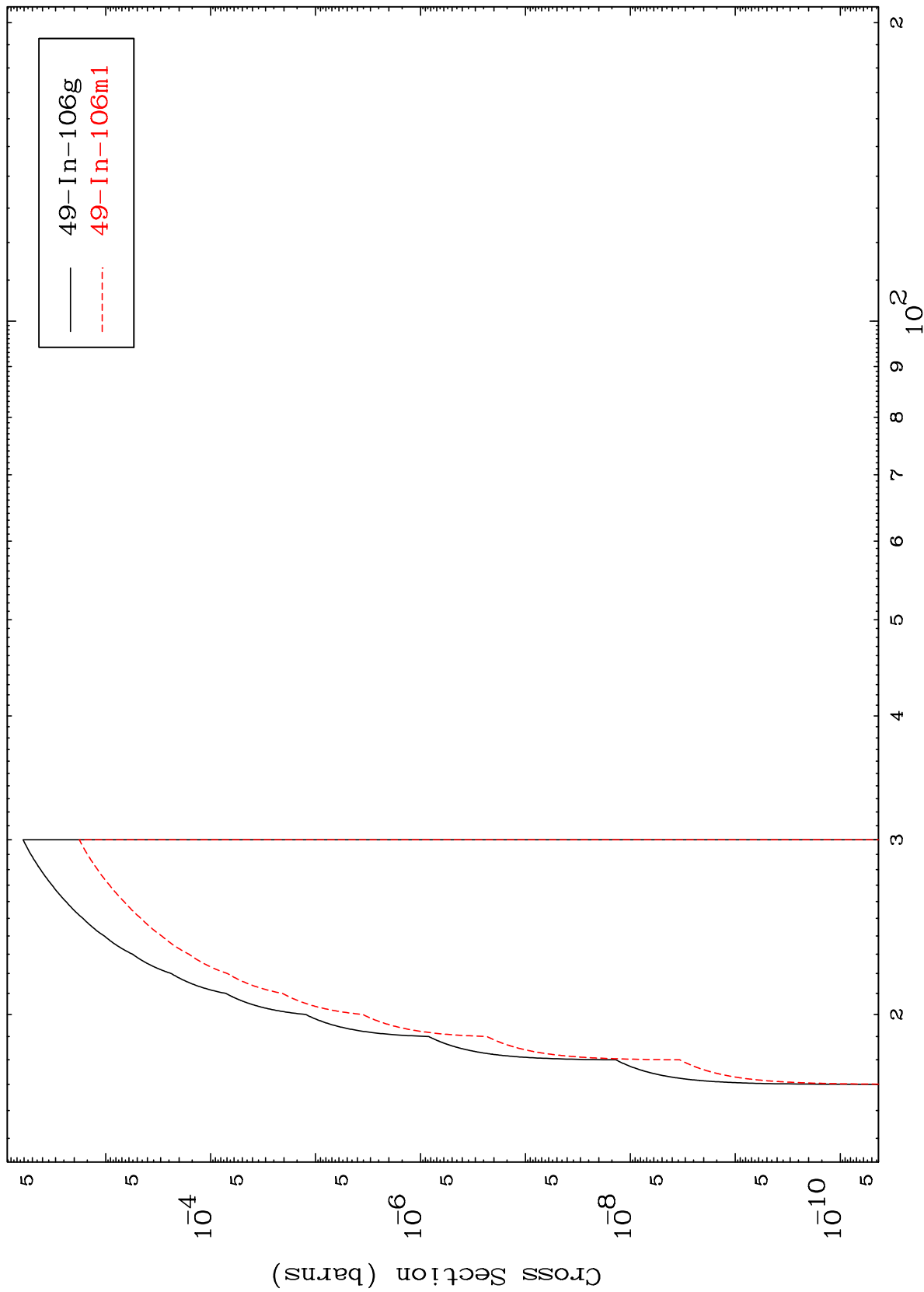
50-Sn-108

MAT 5013

(n,n') d

50-Sn-108

Radionuclide Production Cross Section



79

Incident Energy (MeV)

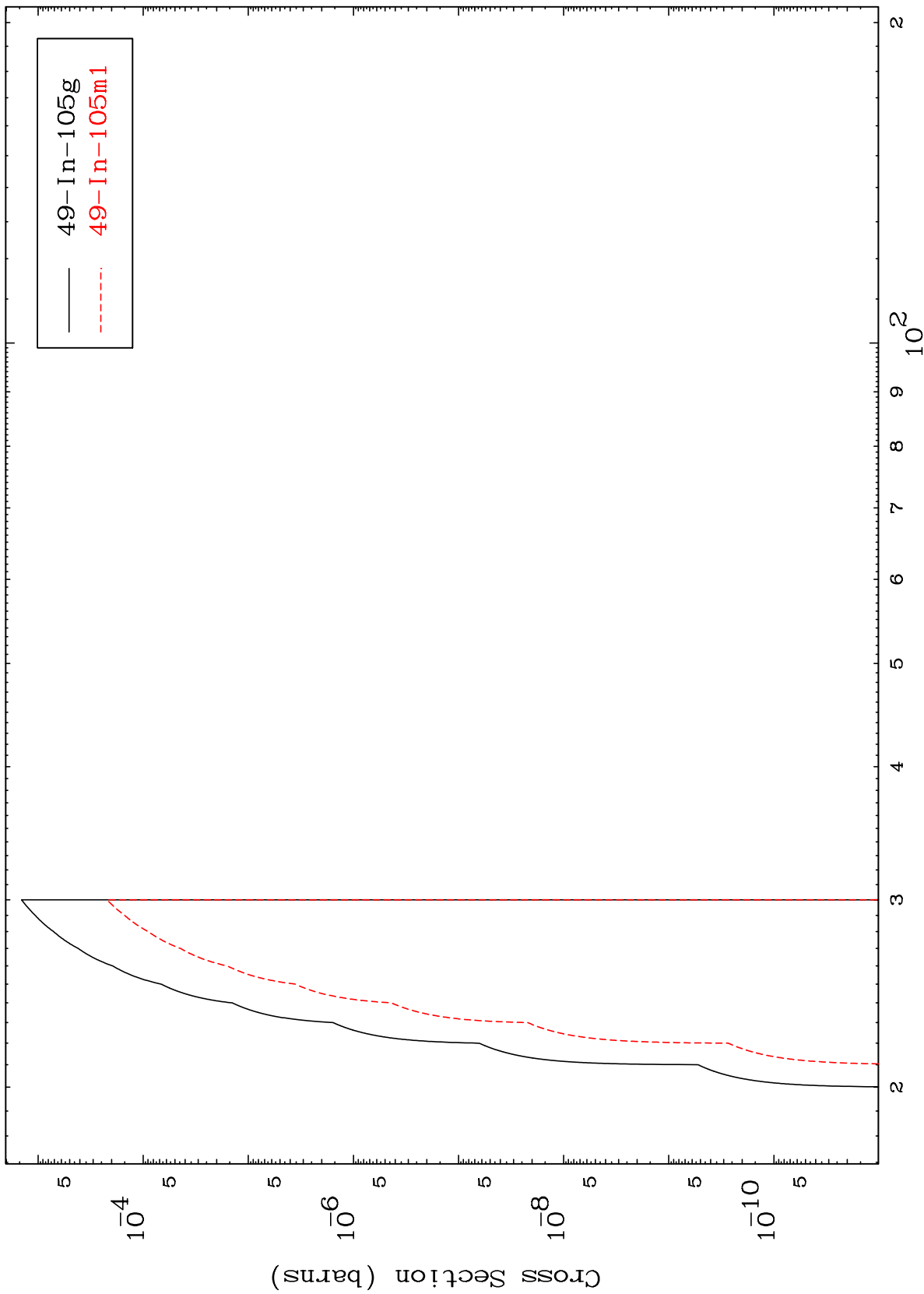
50-Sn-108

MAT 5013

(n,n') t

50-Sn-108

Radionuclide Production Cross Section

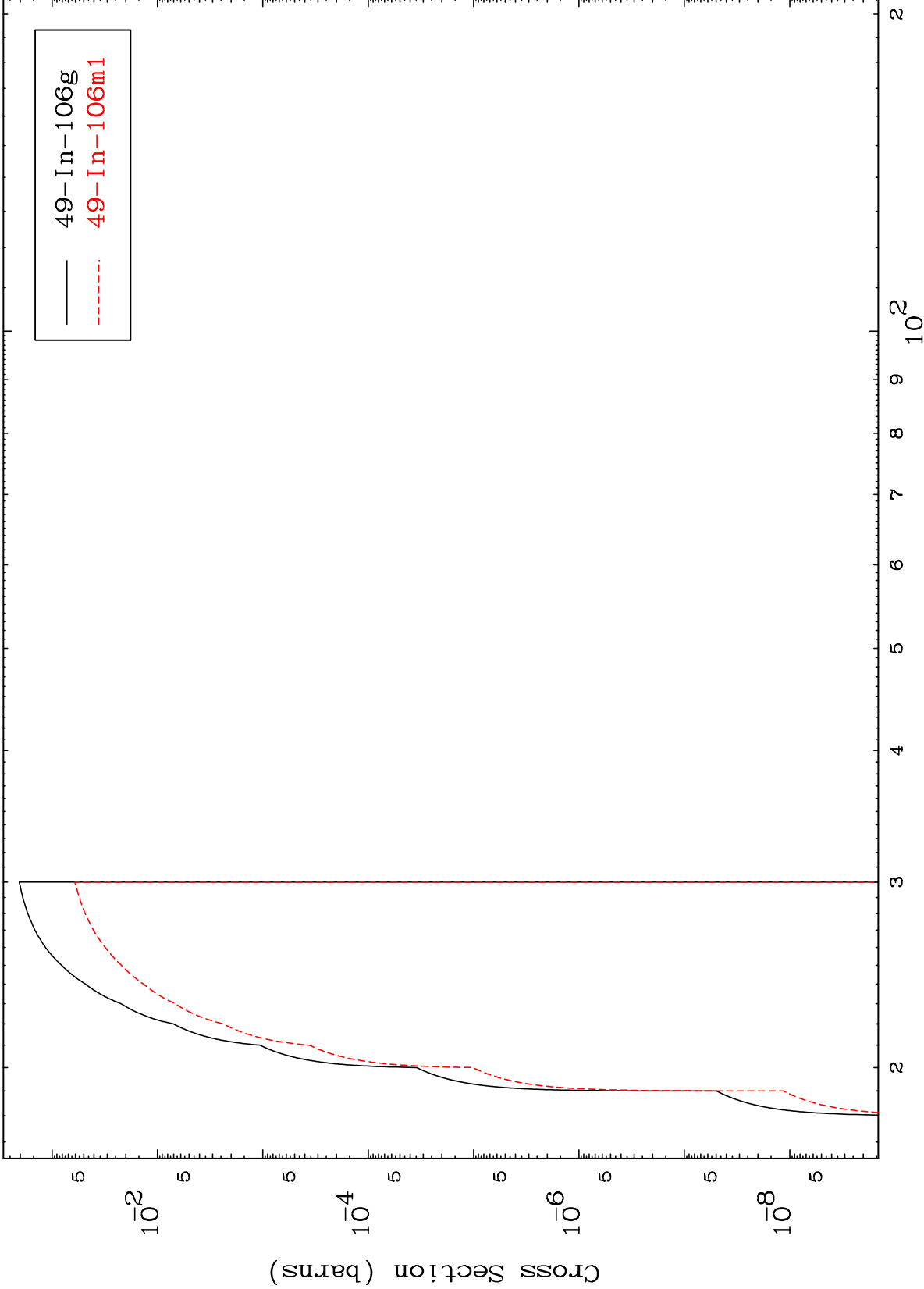


80

Incident Energy (MeV)

50-Sn-108

Radionuclide Production Cross Section

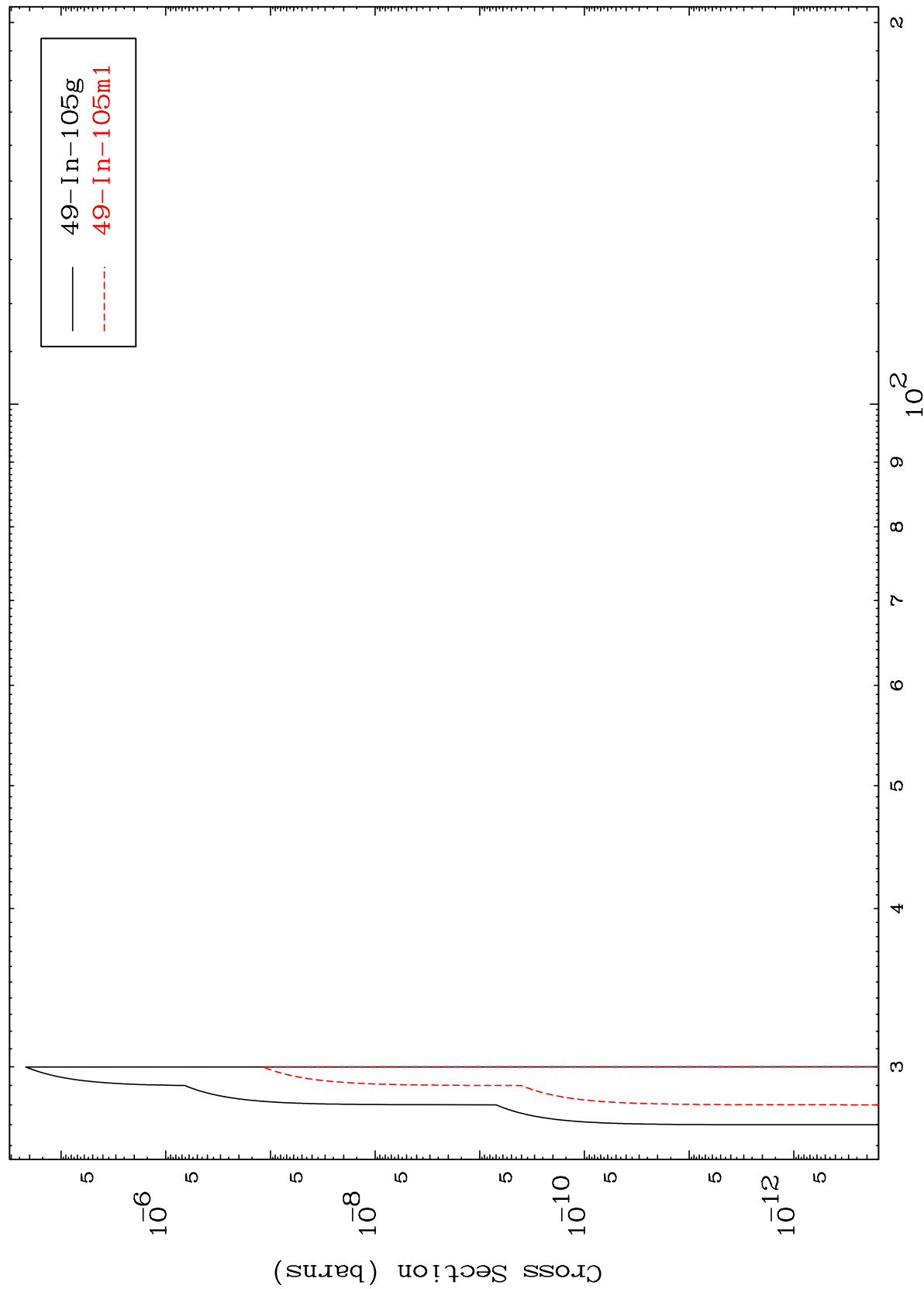


MAT 5013

(n,3n) p

50-Sn-108

Radionuclide Production Cross Section



82

Incident Energy (MeV)

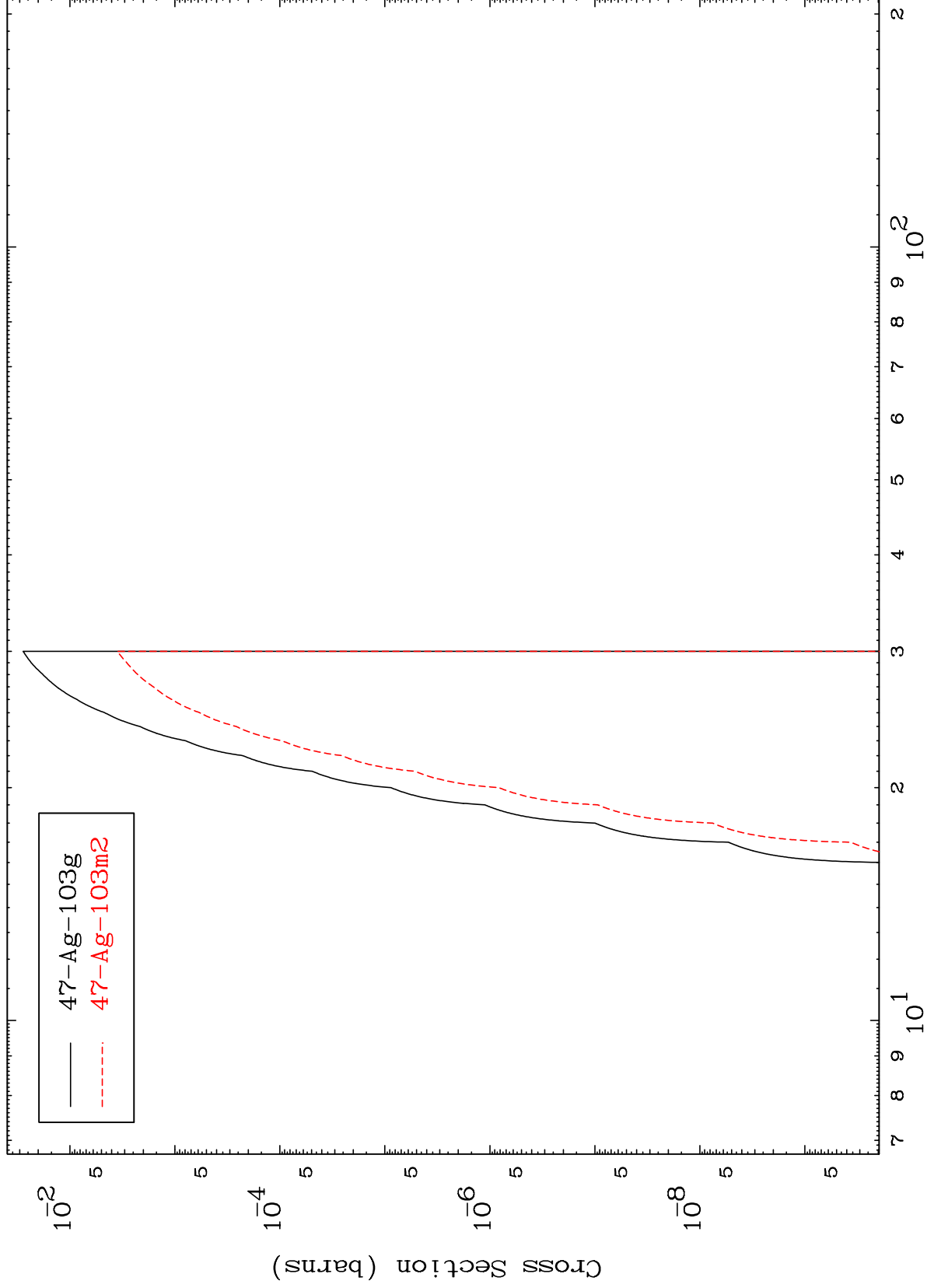
50-Sn-108

MAT 5013

(n,n') p α

50-Sn-108

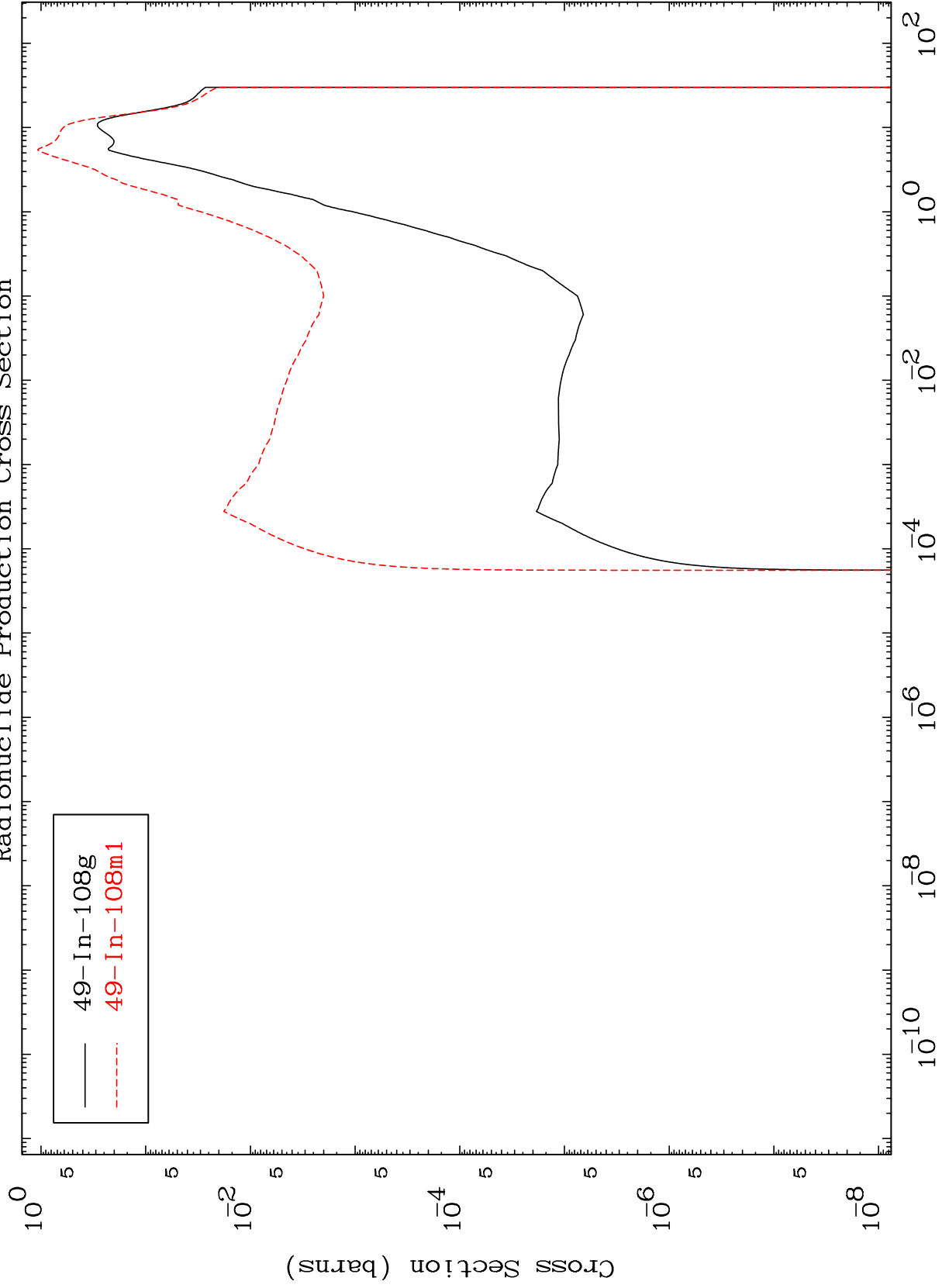
Radionuclide Production Cross Section



MAT 5013

50-Sn-108

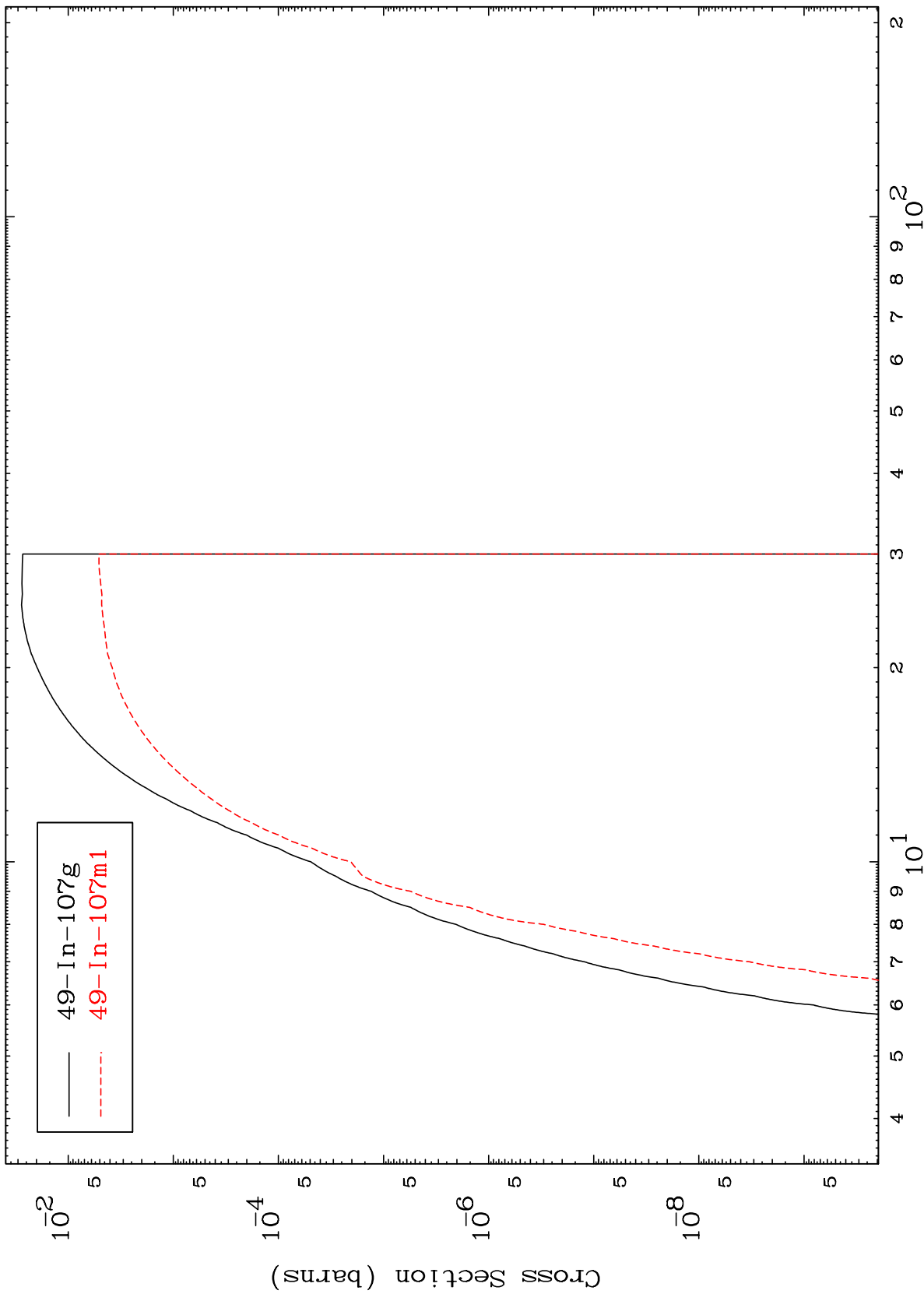
Radionuclide Production Cross Section



MAT 5013

50-Sn-108

(n,d)
Radionuclide Production Cross Section



85

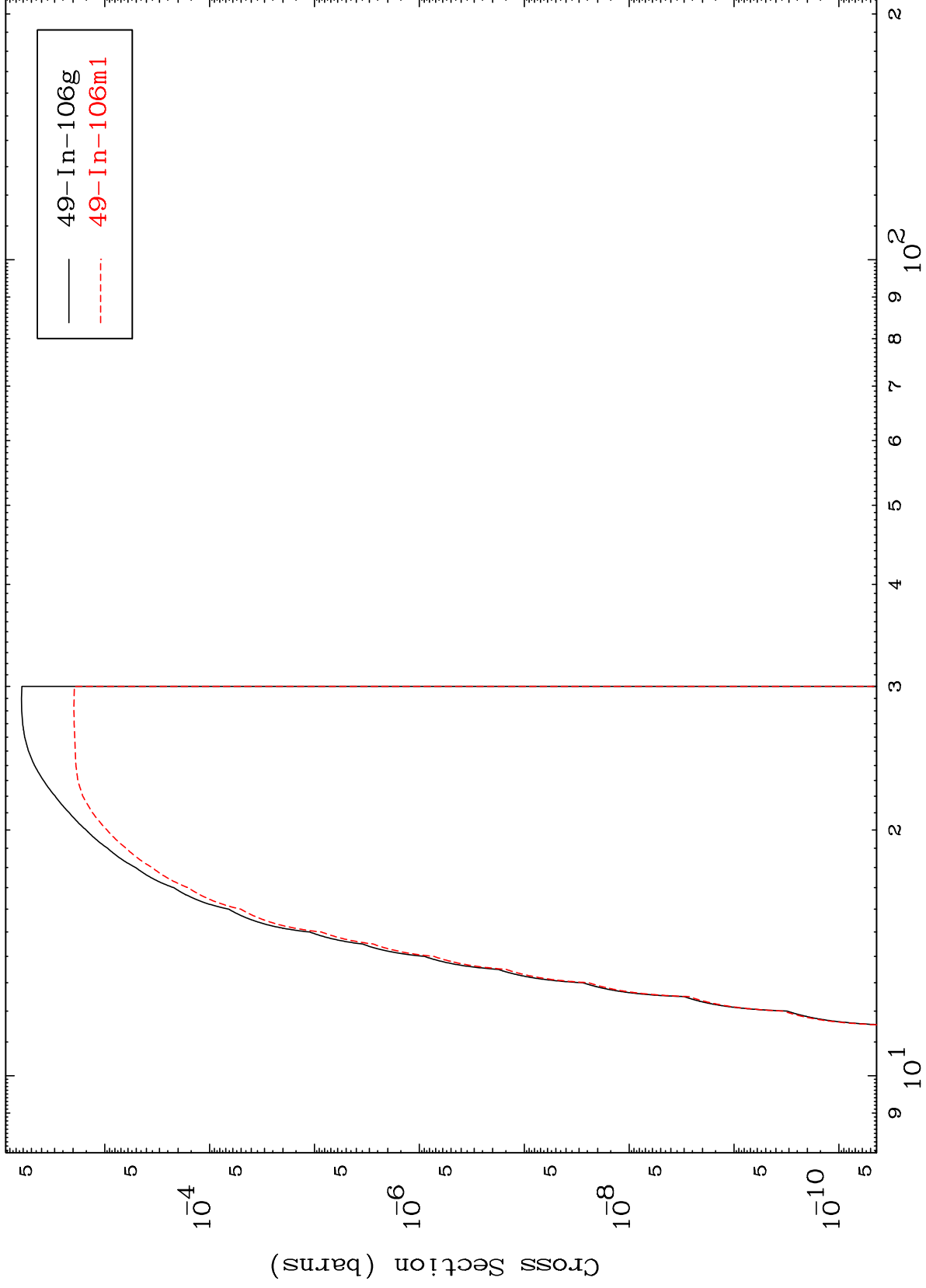
50-Sn-108

Incident Energy (MeV)

MAT 5013

50-Sn-108

(n,t)
Radionuclide Production Cross Section



86

Incident Energy (MeV)

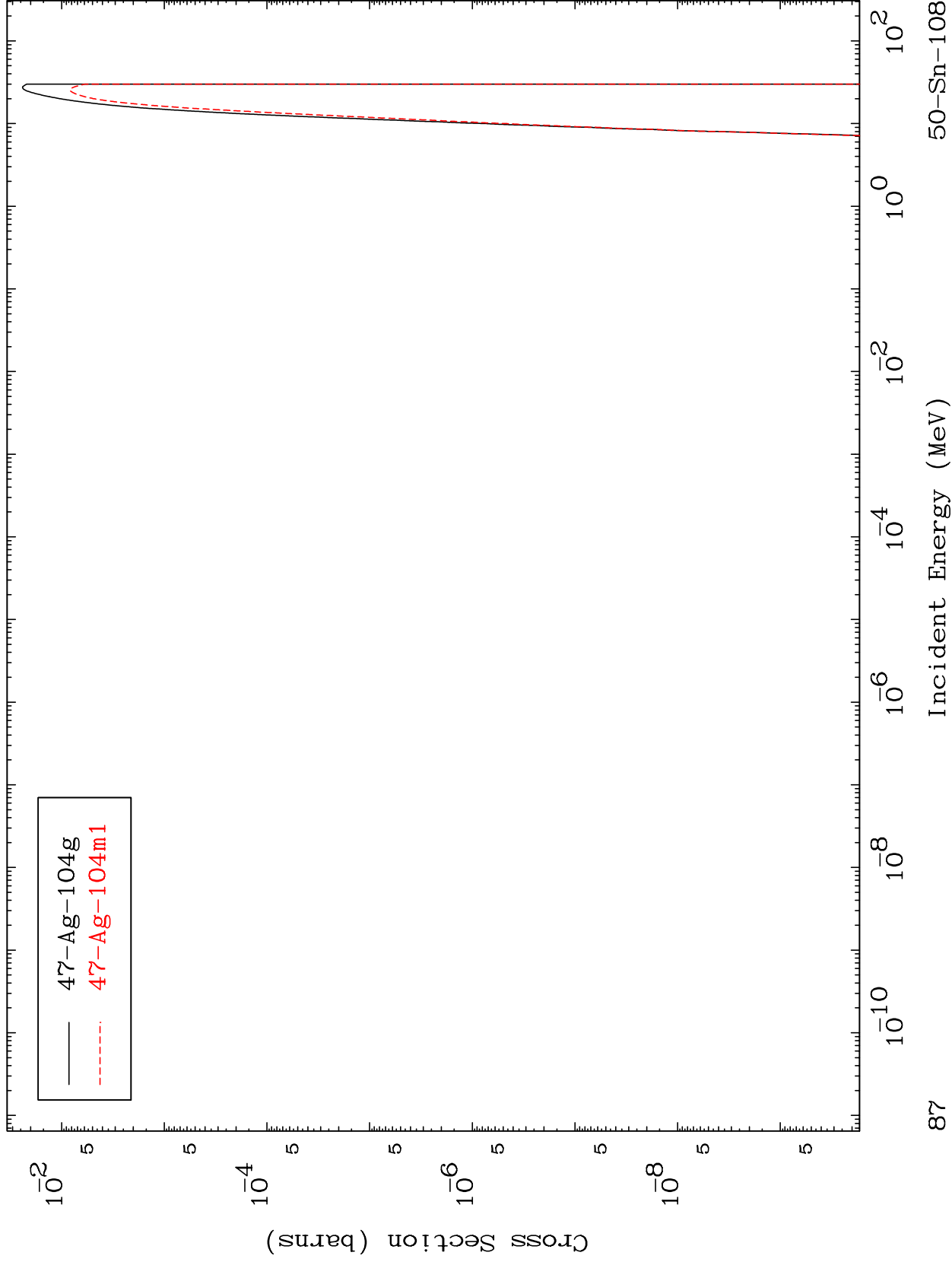
50-Sn-108

MAT 5013

(n,p) α

50-Sn-108

Radionuclide Production Cross Section

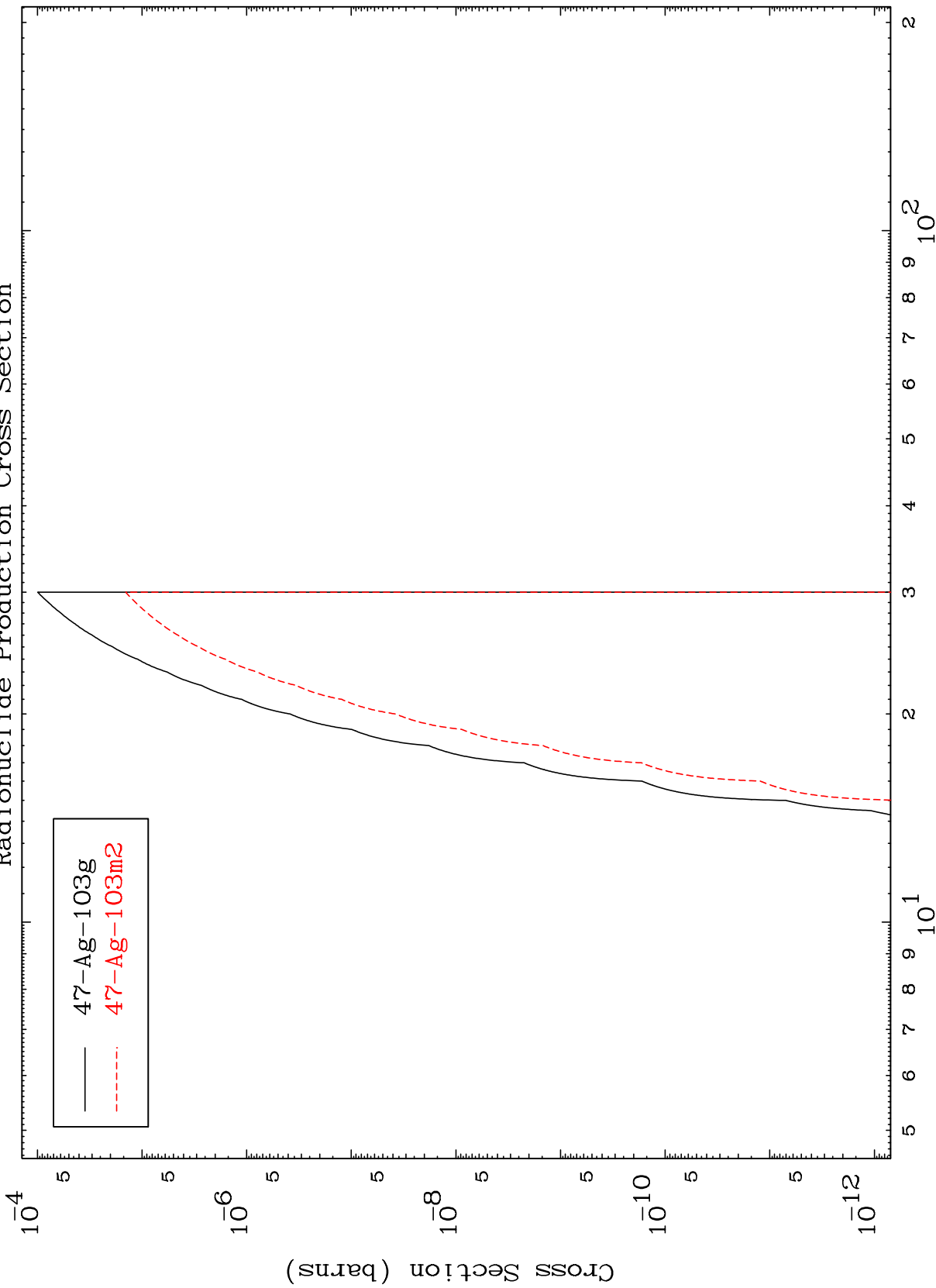


MAT 5013

(n,d) α

50-Sn-108

Radionuclide Production Cross Section



— 47-Ag-103g
- - - 47-Ag-103m2