

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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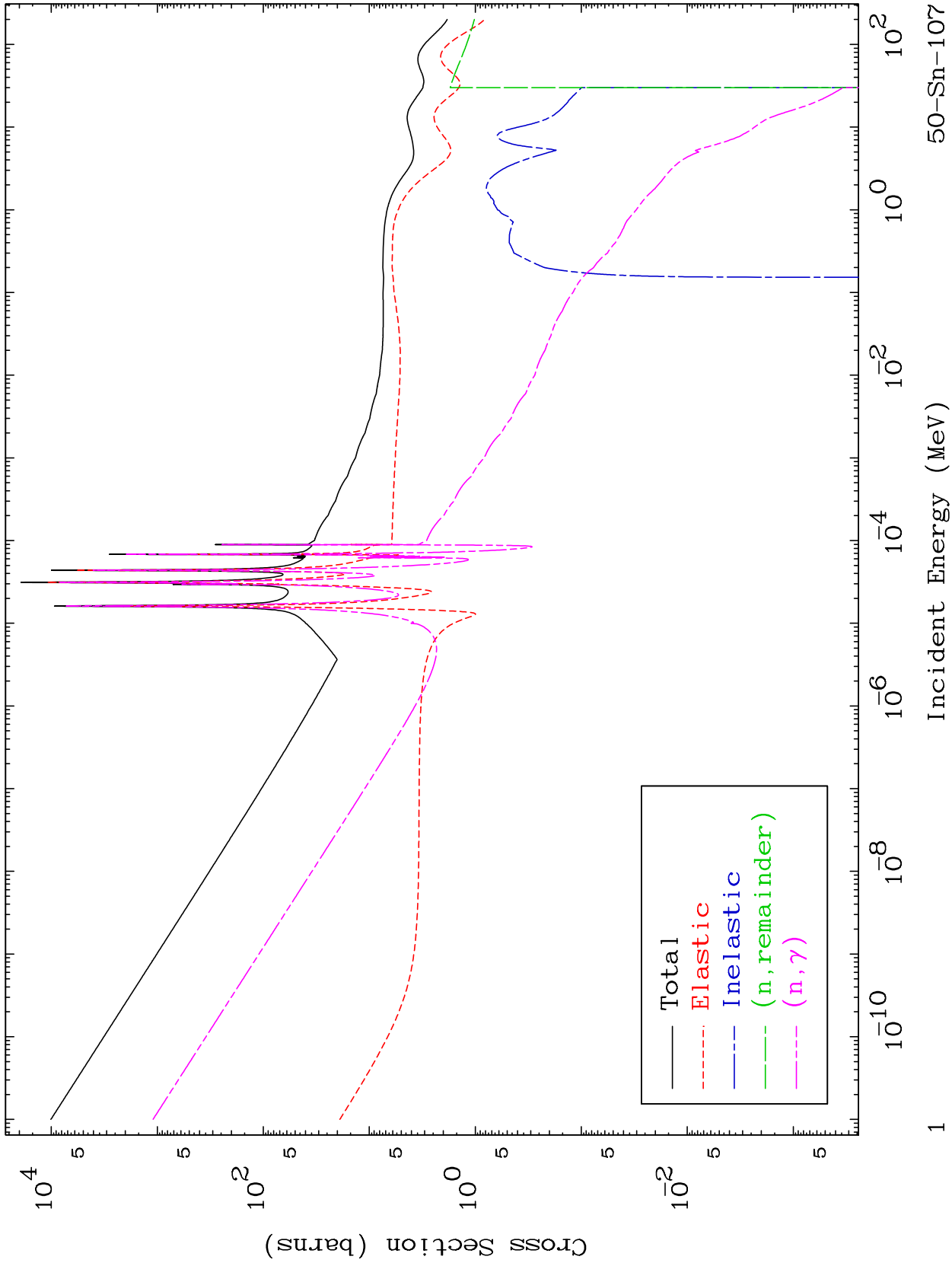
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5010

Major
293 Kelvin Cross Sections

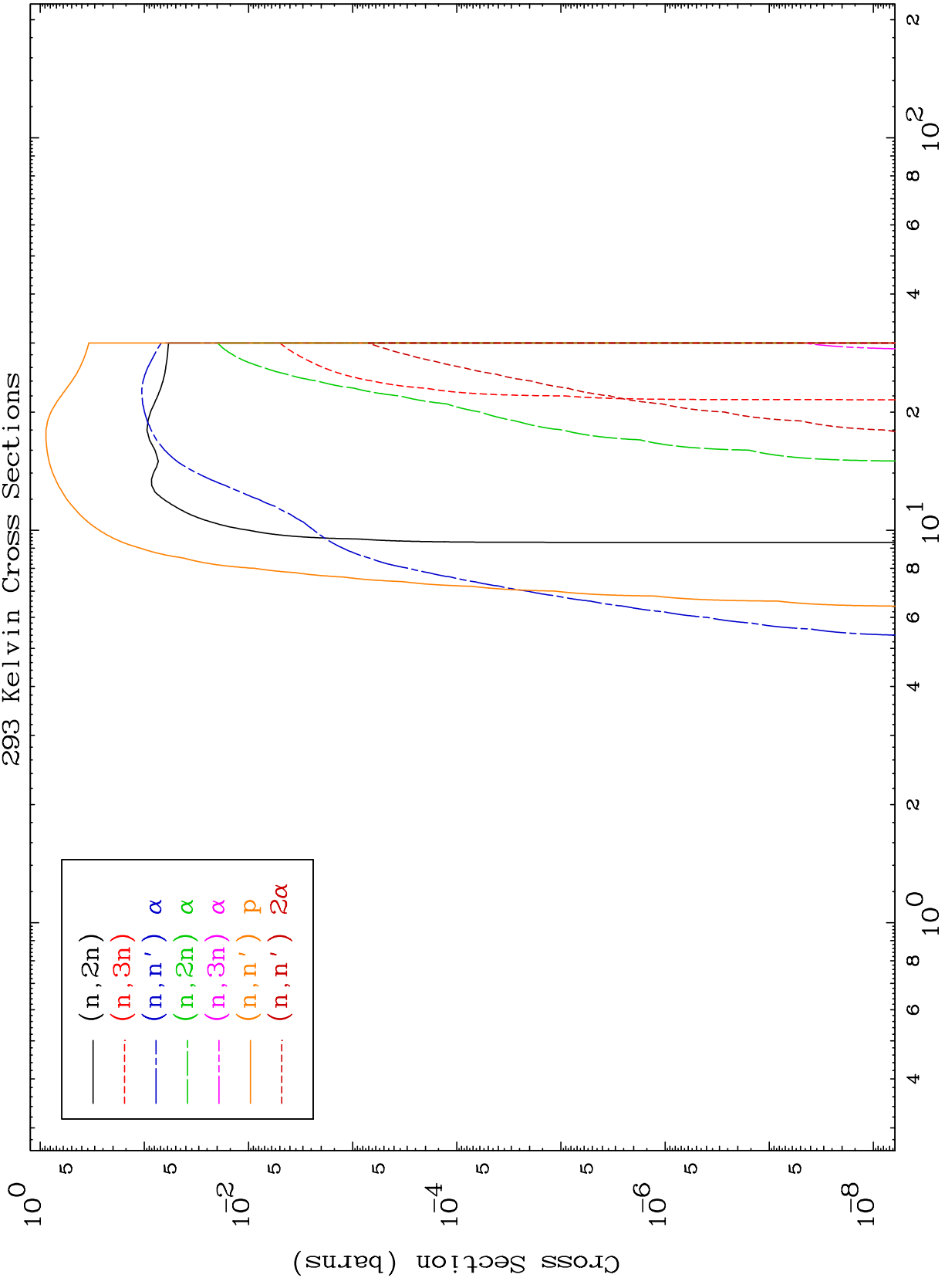
50-Sn-107



MAT 5010

293 Kelvin Cross Sections

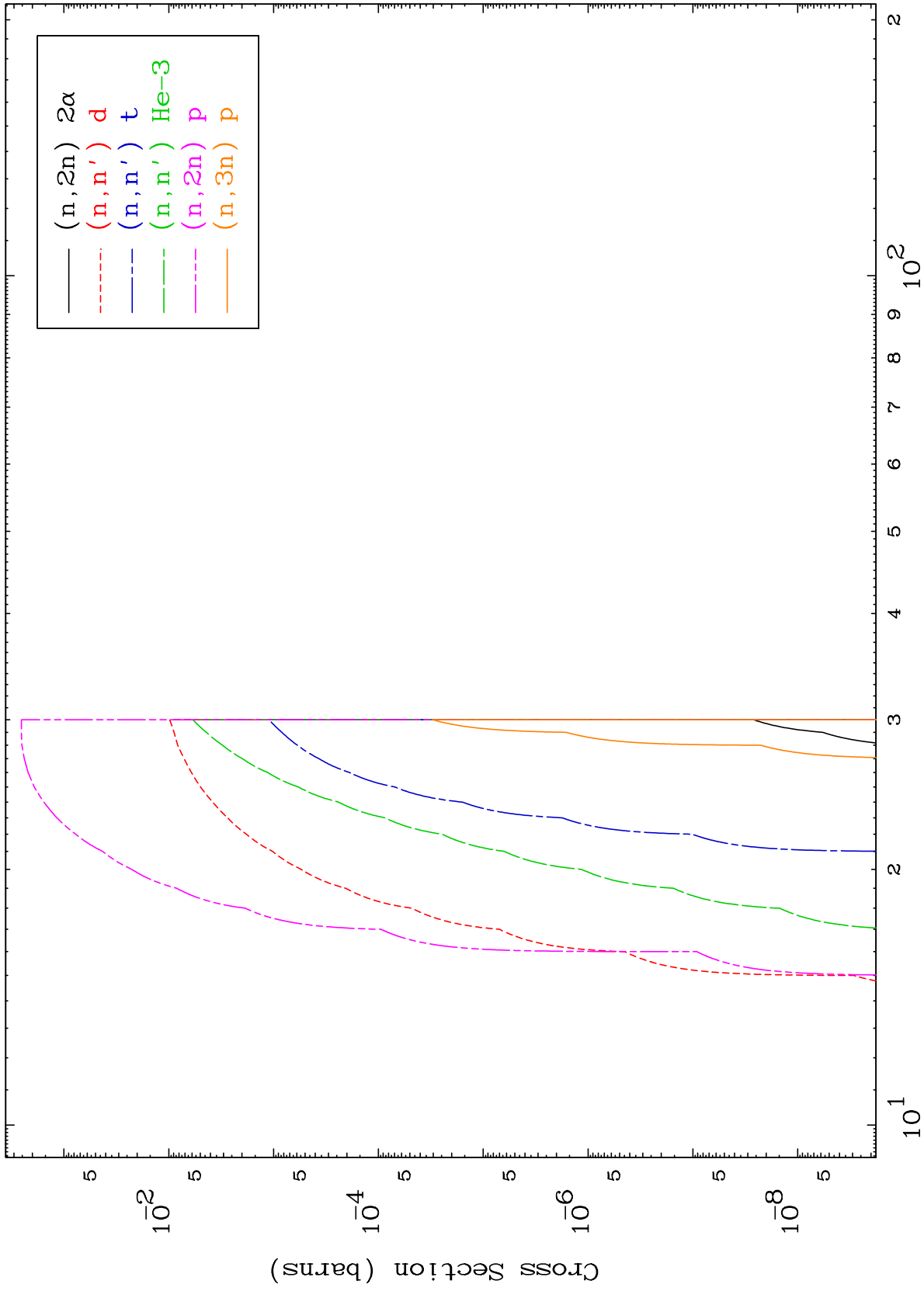
50-Sn-107



MAT 5010

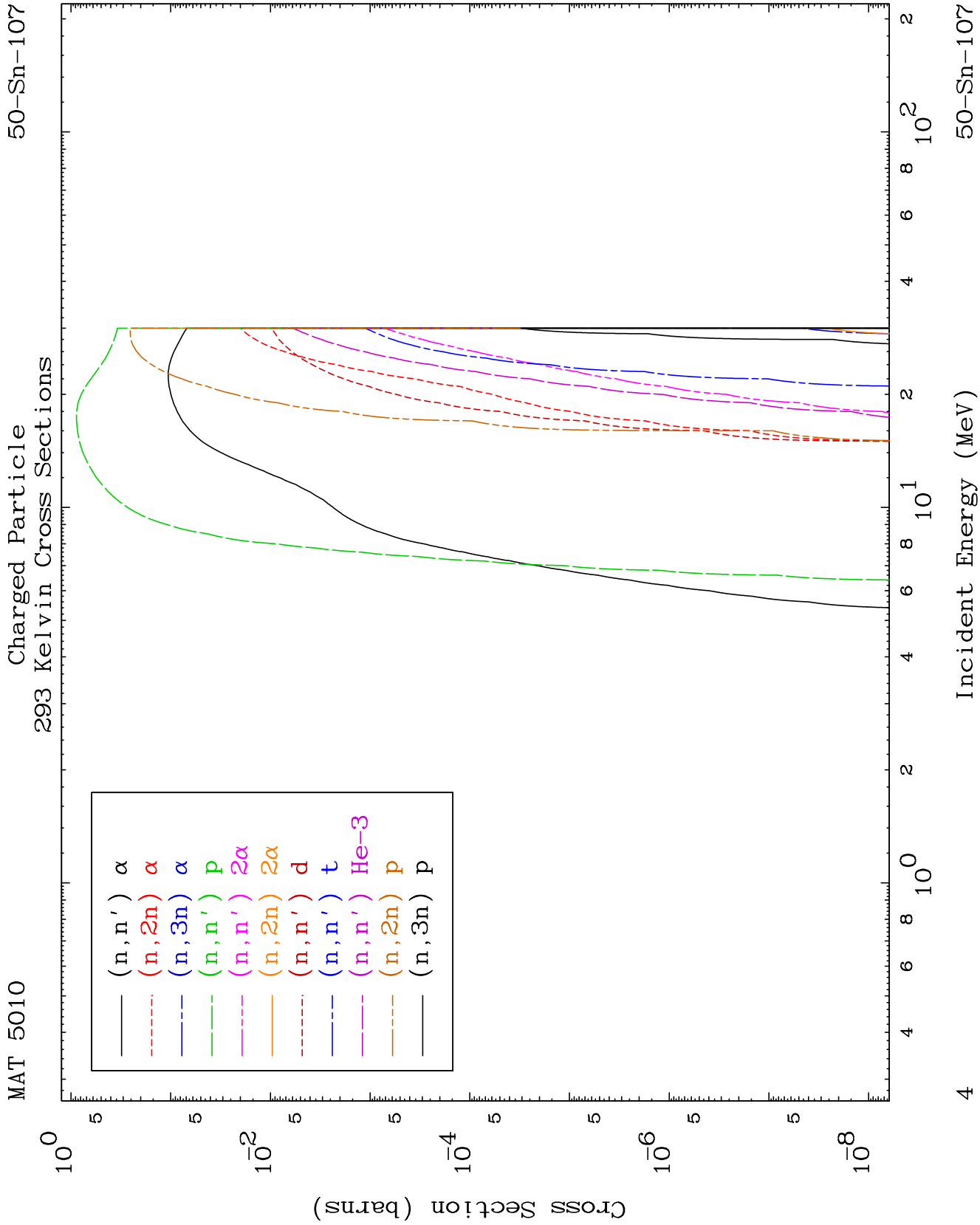
Neutron Production
293 Kelvin Cross Sections

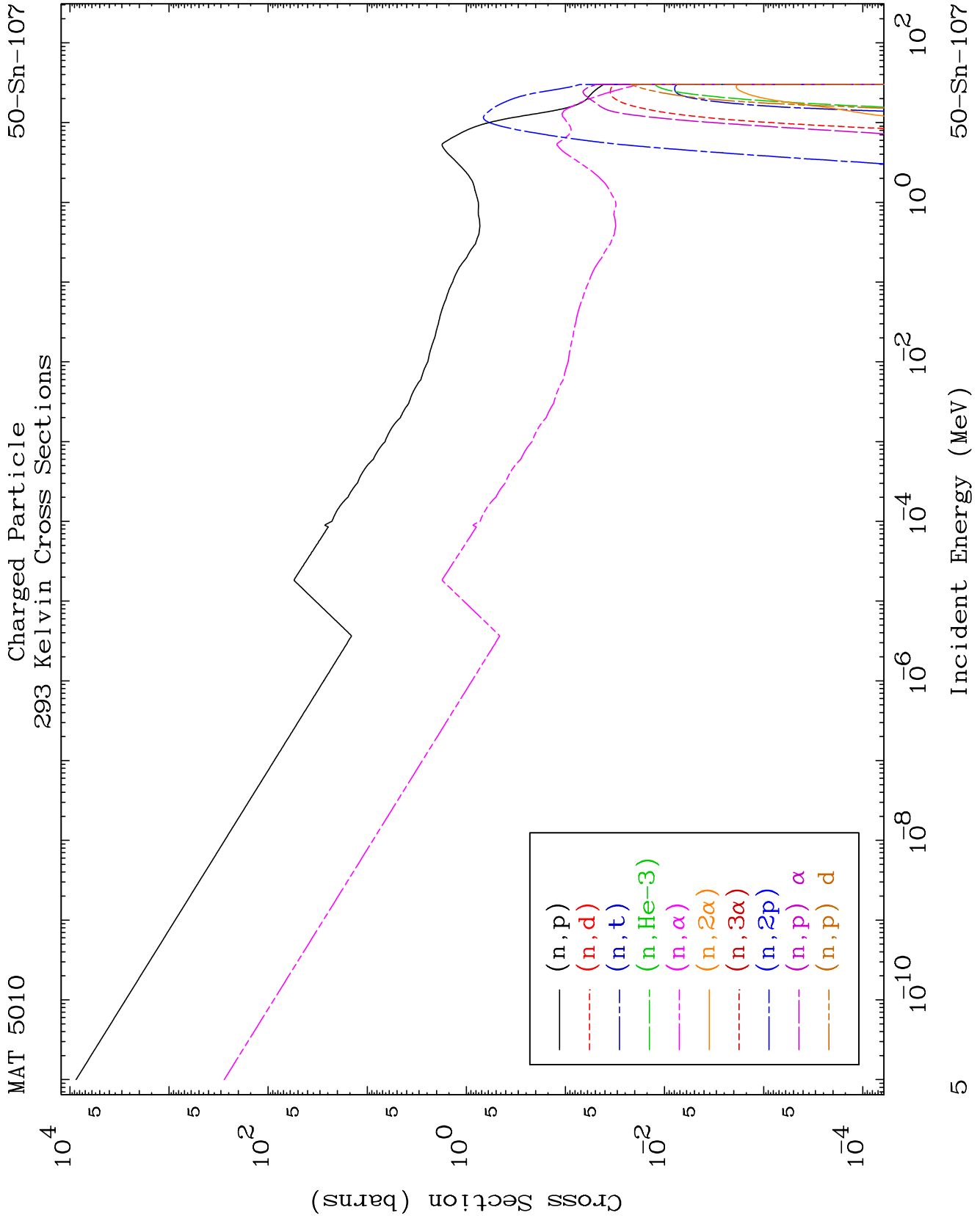
50-Sn-107

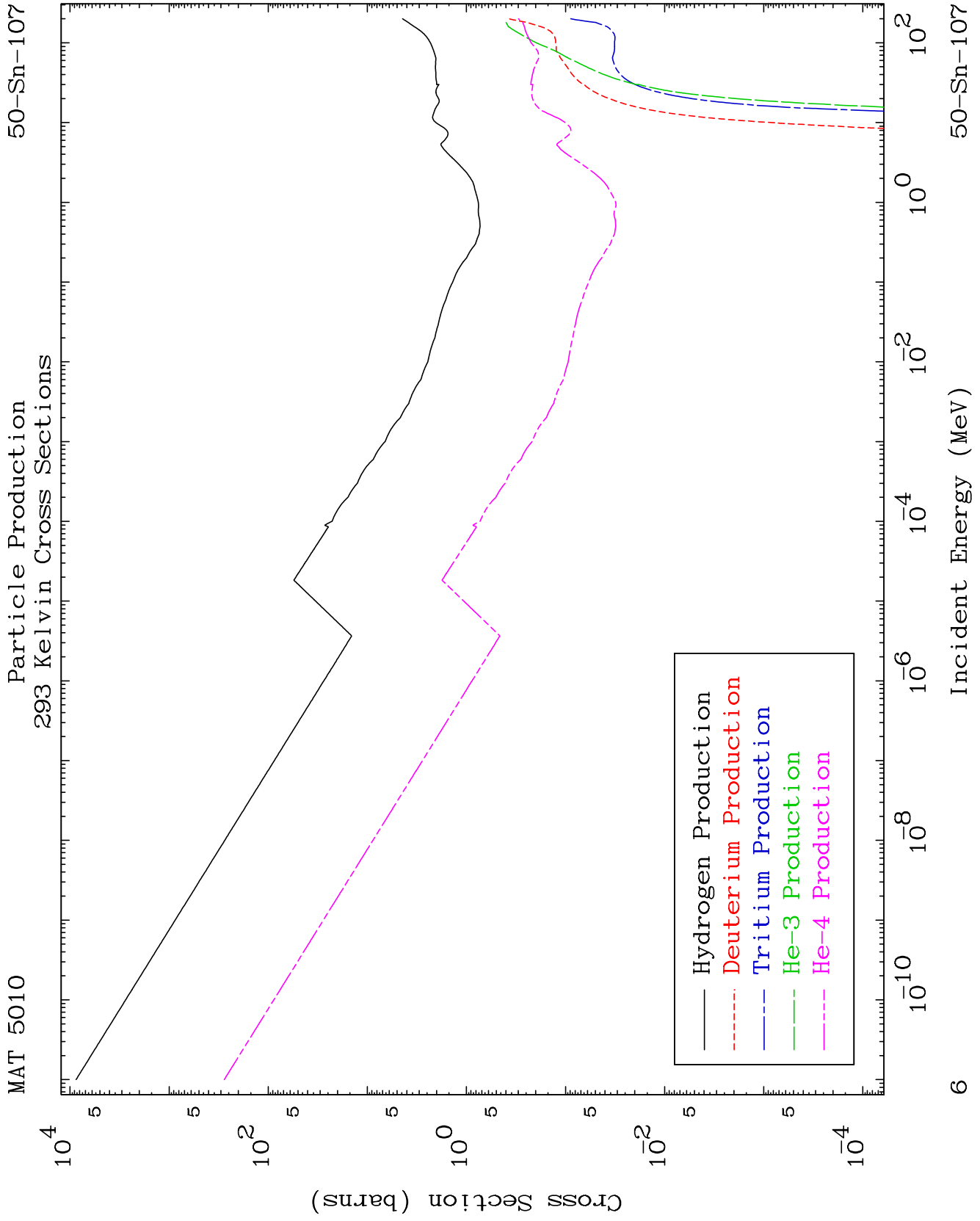


Incident Energy (MeV)

50-Sn-107





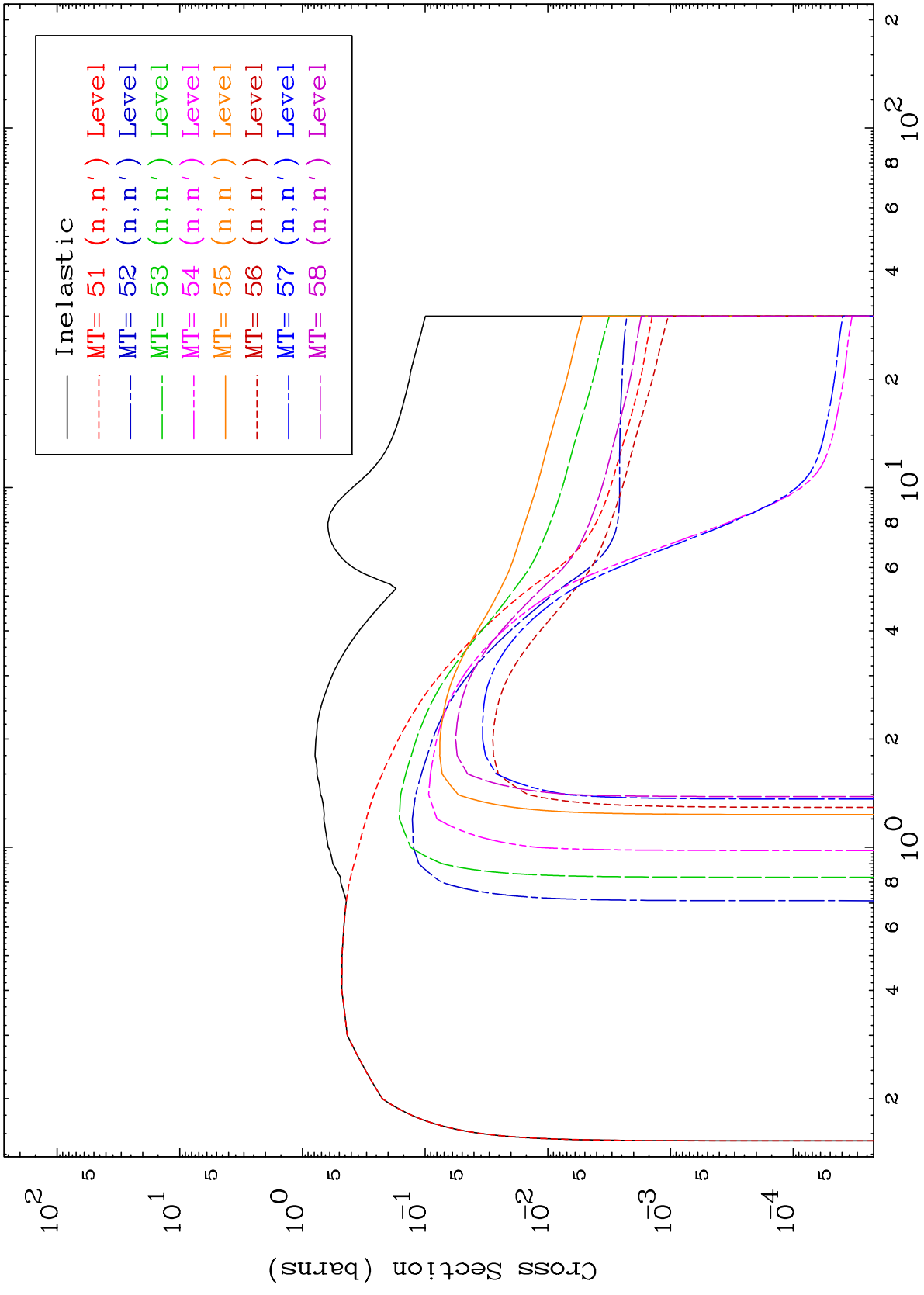


MAT 5010

(n,n') Level

293 Kelvin Cross Sections

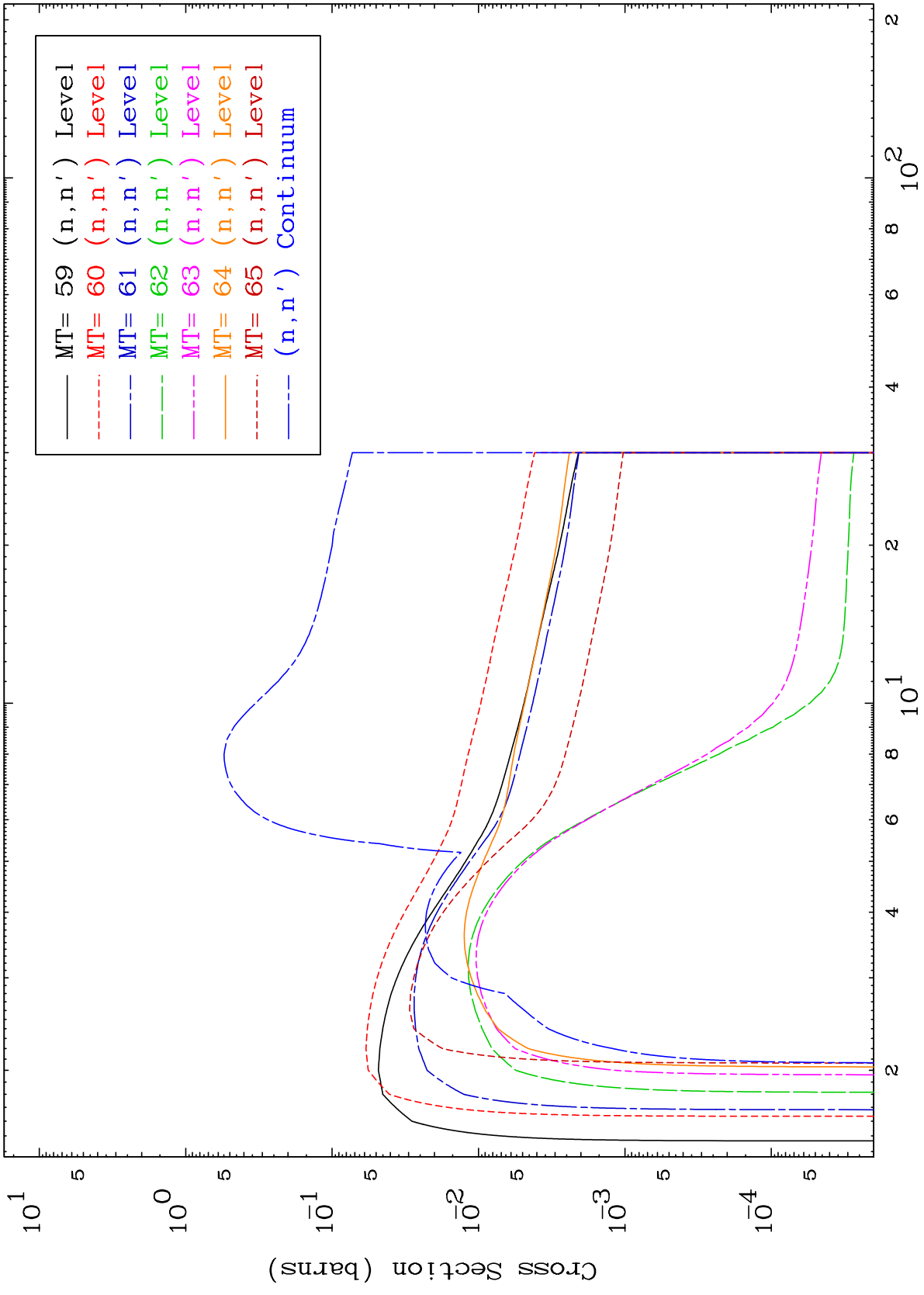
50-Sn-107



MAT 5010

(n,n') Level
293 Kelvin Cross Sections

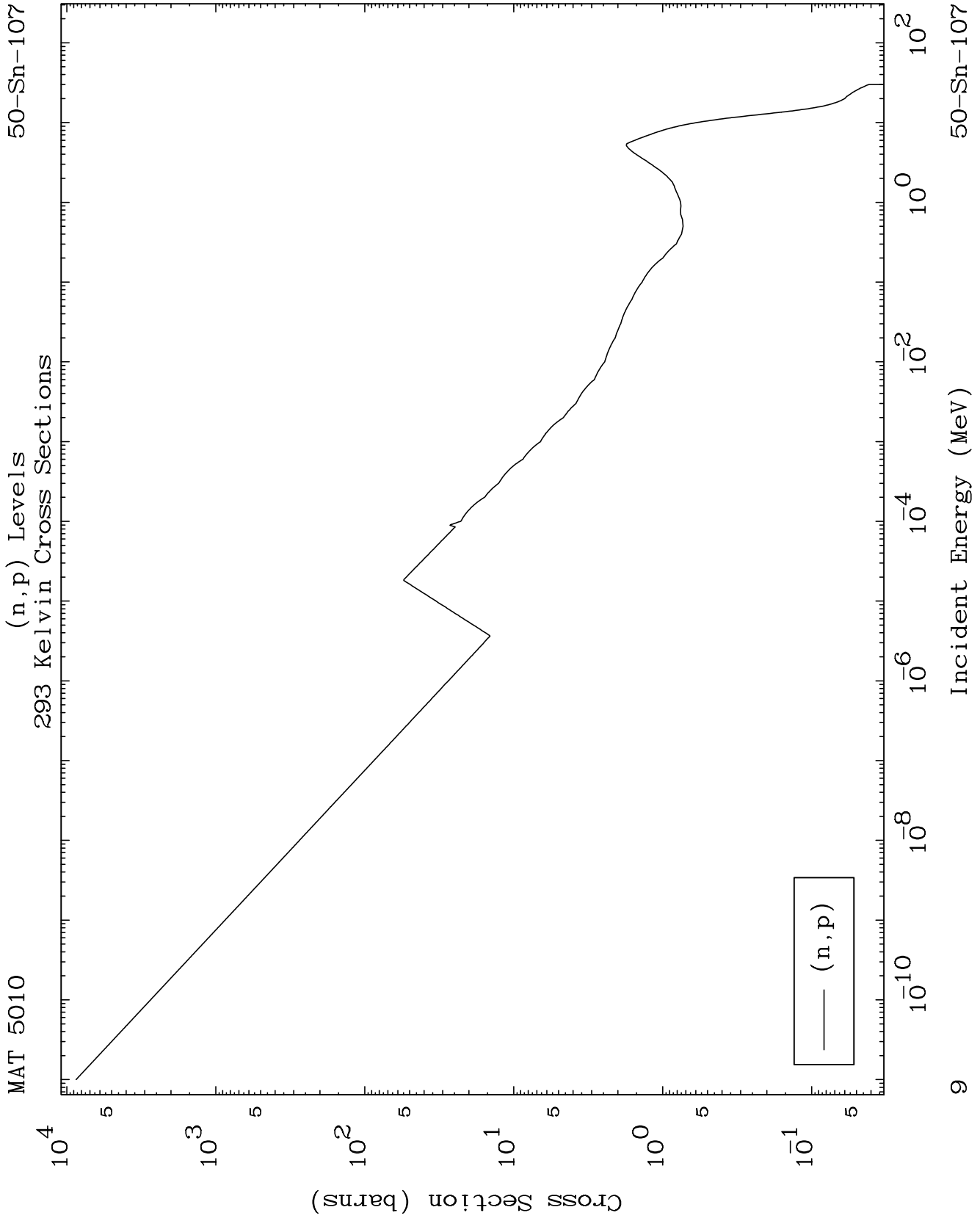
50-Sn-107



8

Incident Energy (MeV)

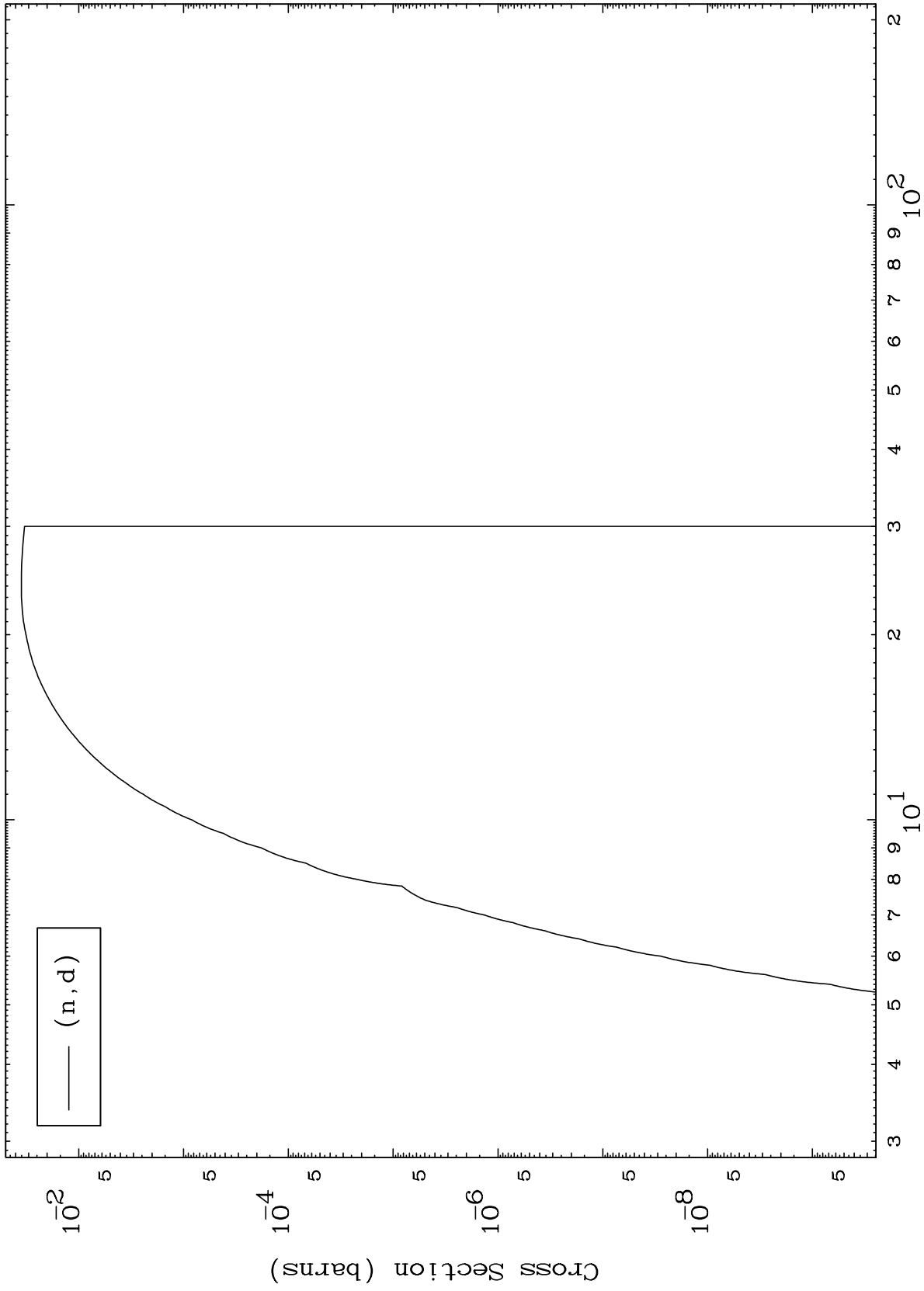
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MAT 5010

(n,d) Levels
293 Kelvin Cross Sections

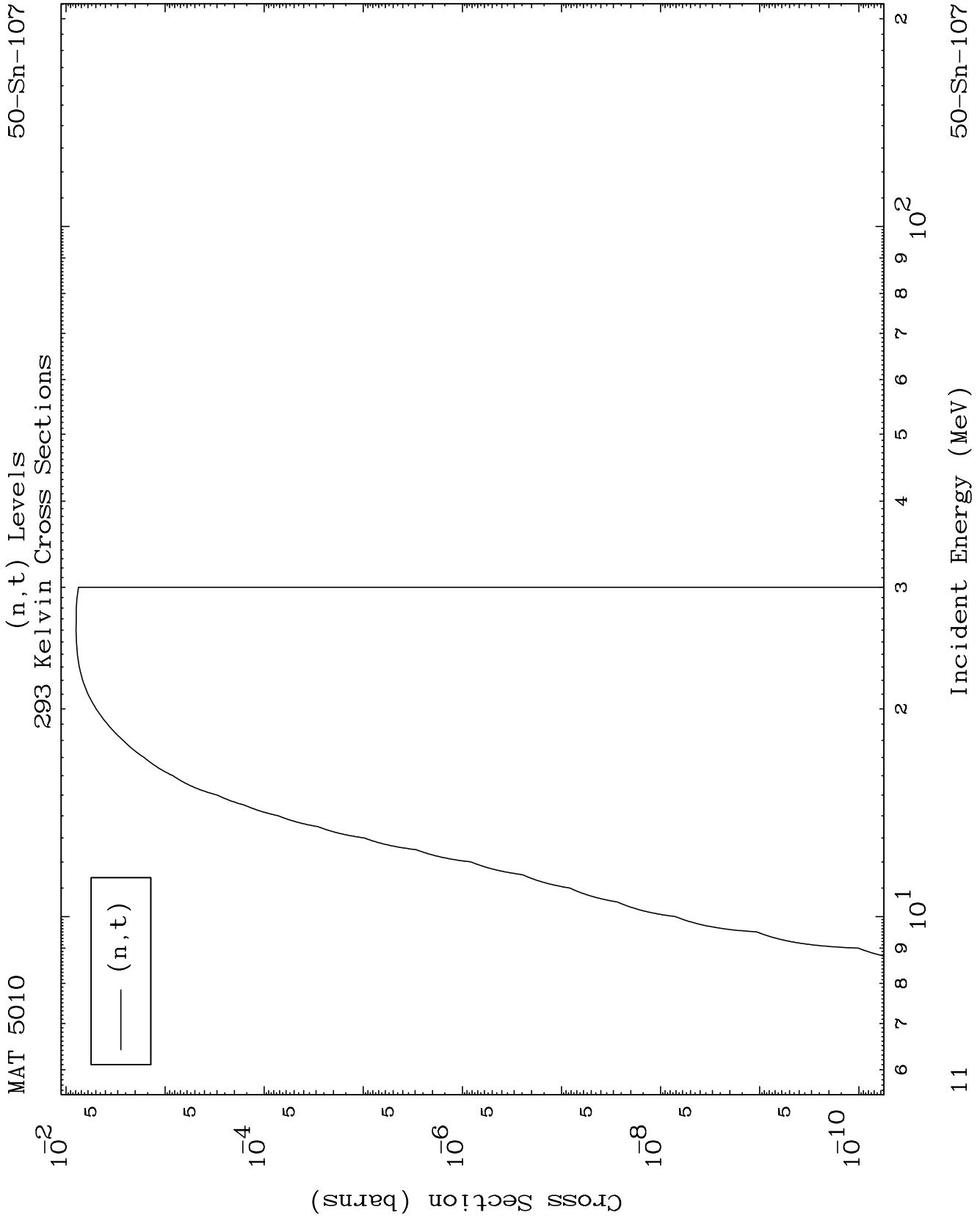
50-Sn-107



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Incident Energy (MeV)

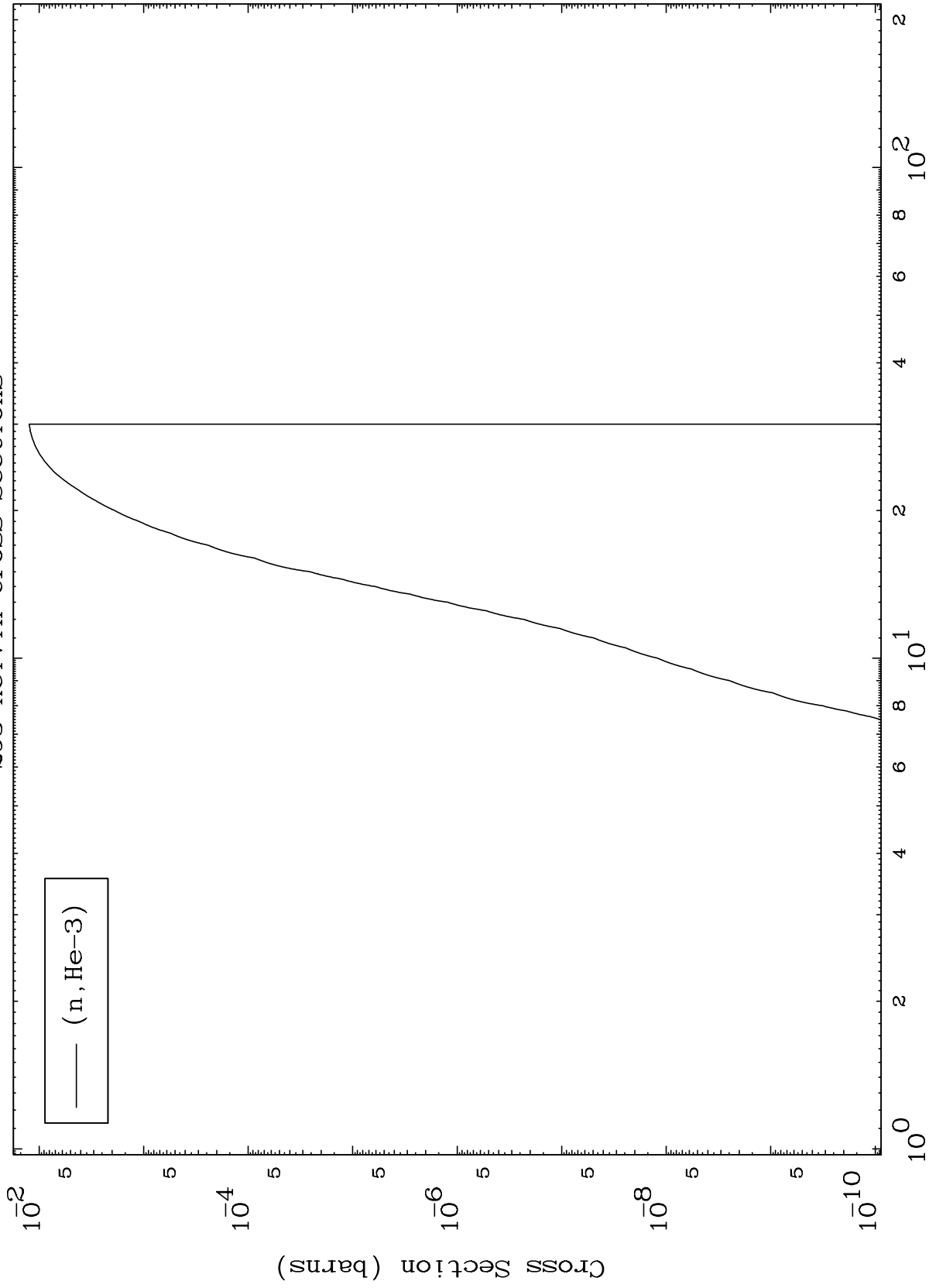
50-Sn-107



MAT 5010

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-107



12

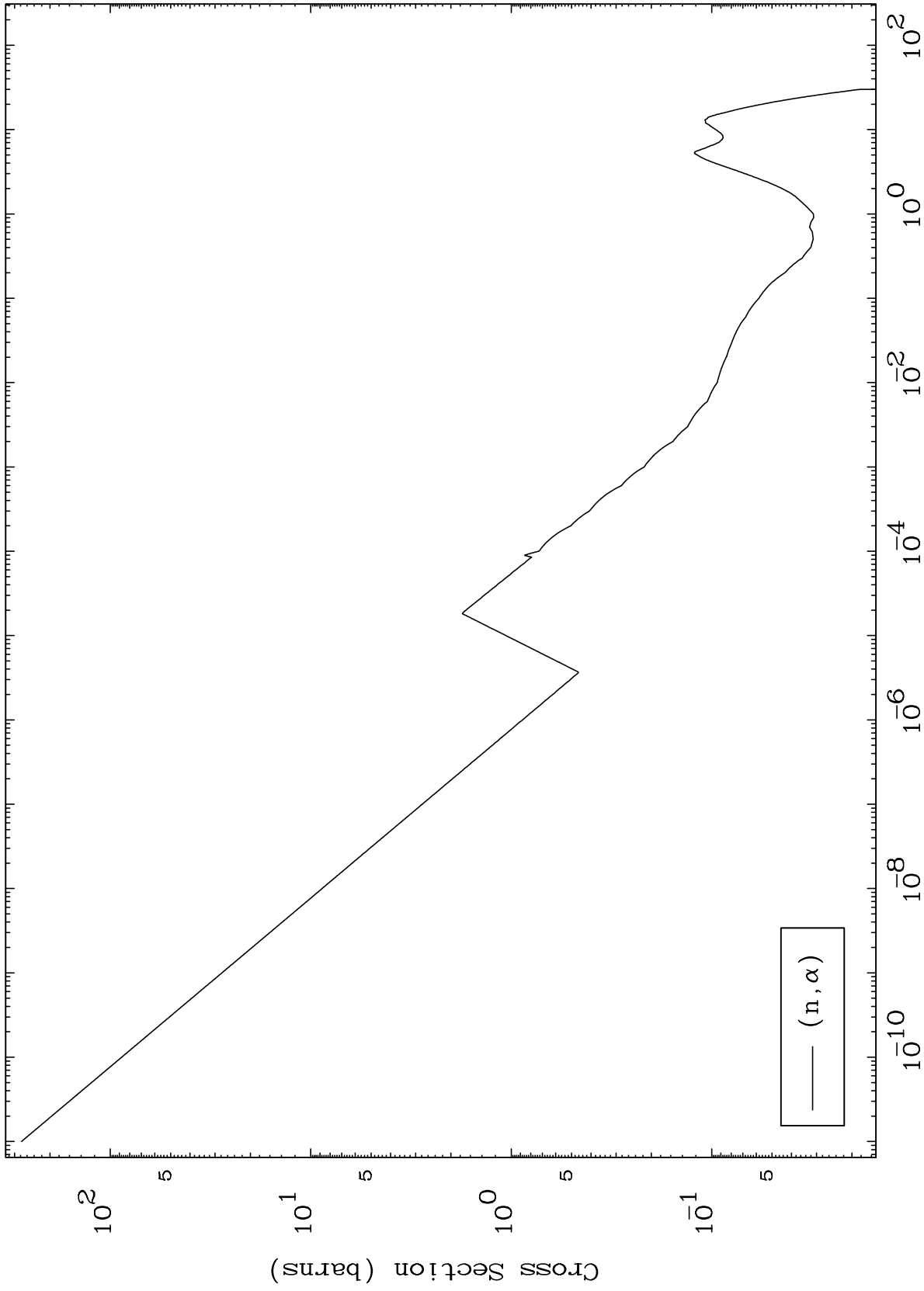
Incident Energy (MeV)

50-Sn-107

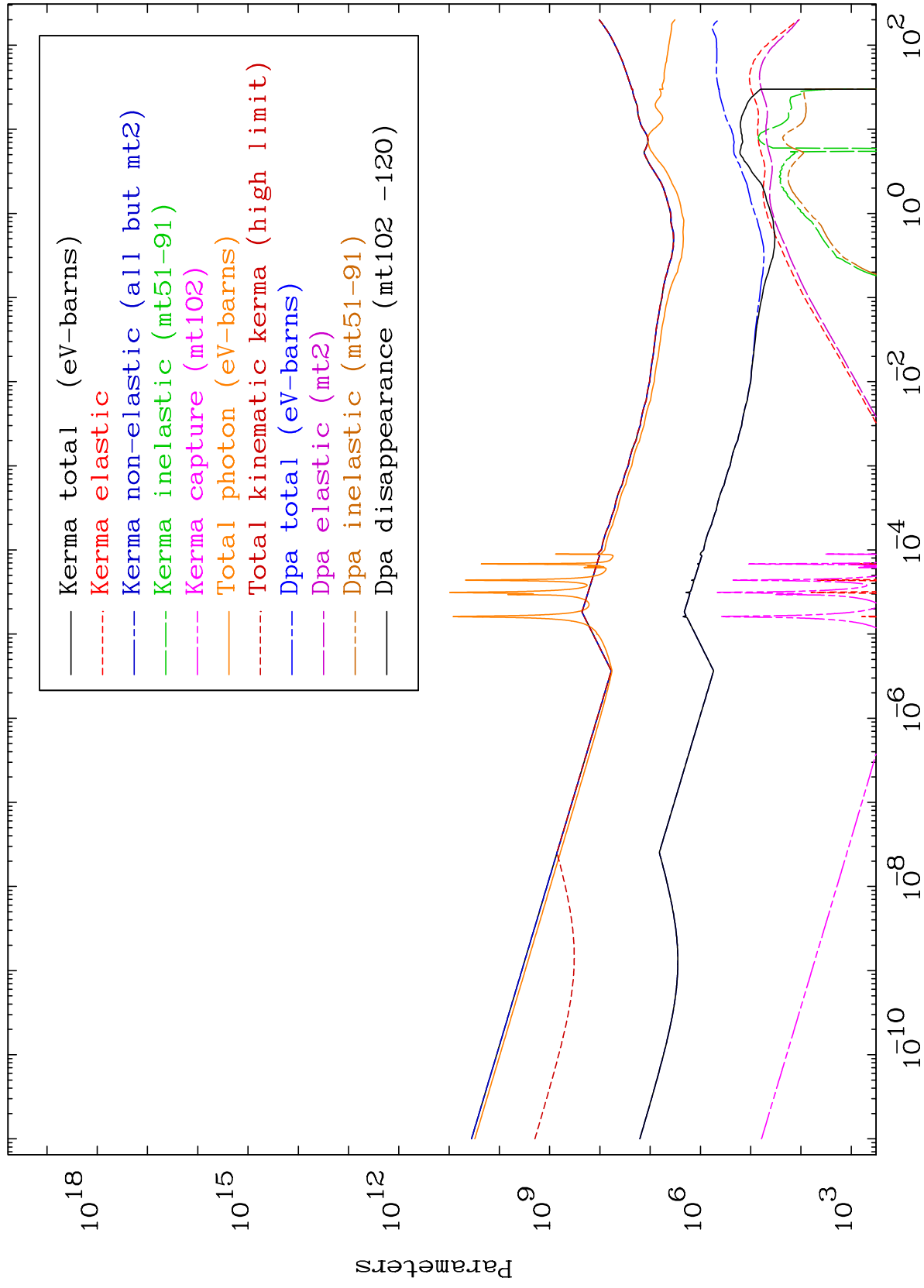
MAT 5010

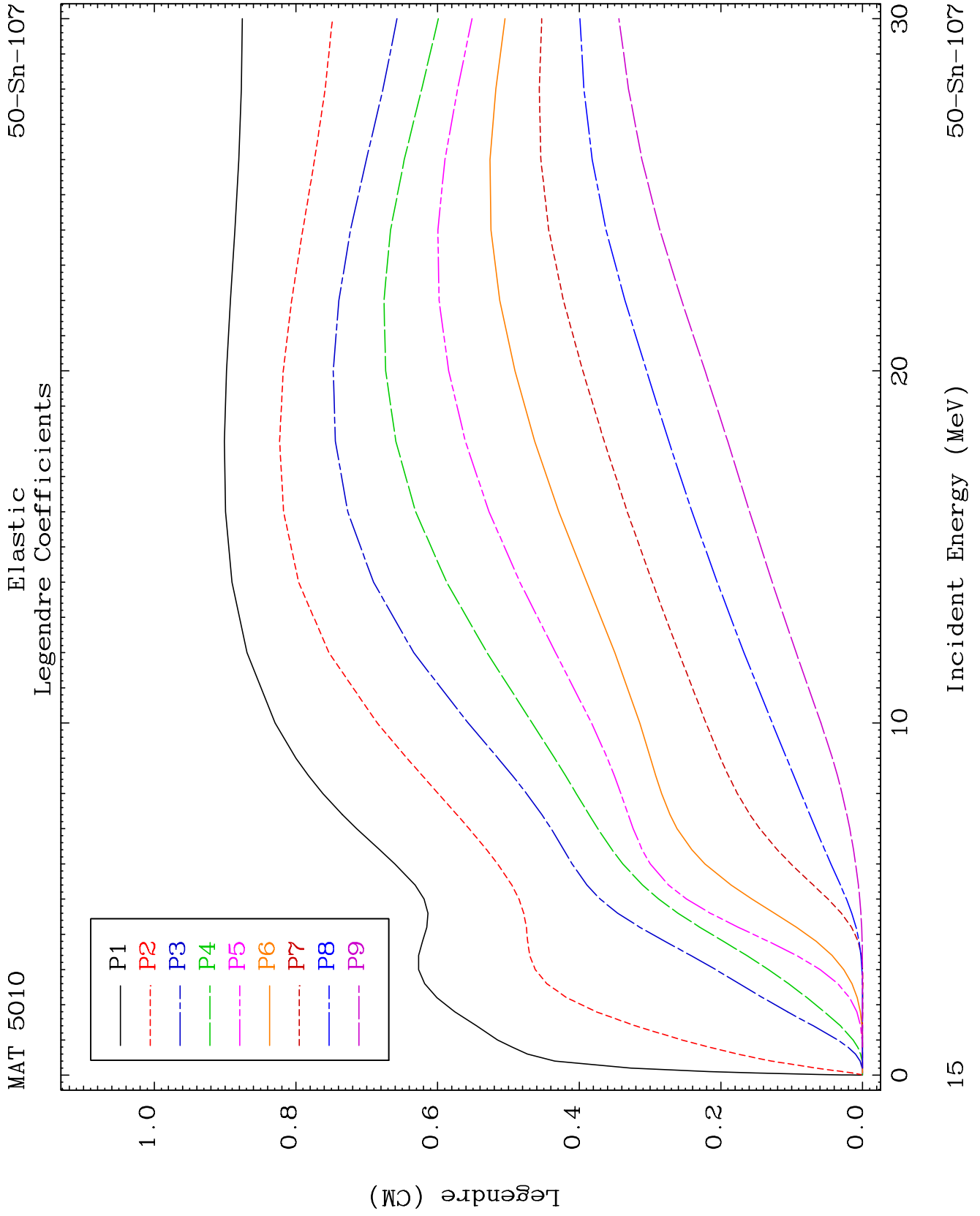
(n,α) Levels
293 Kelvin Cross Sections

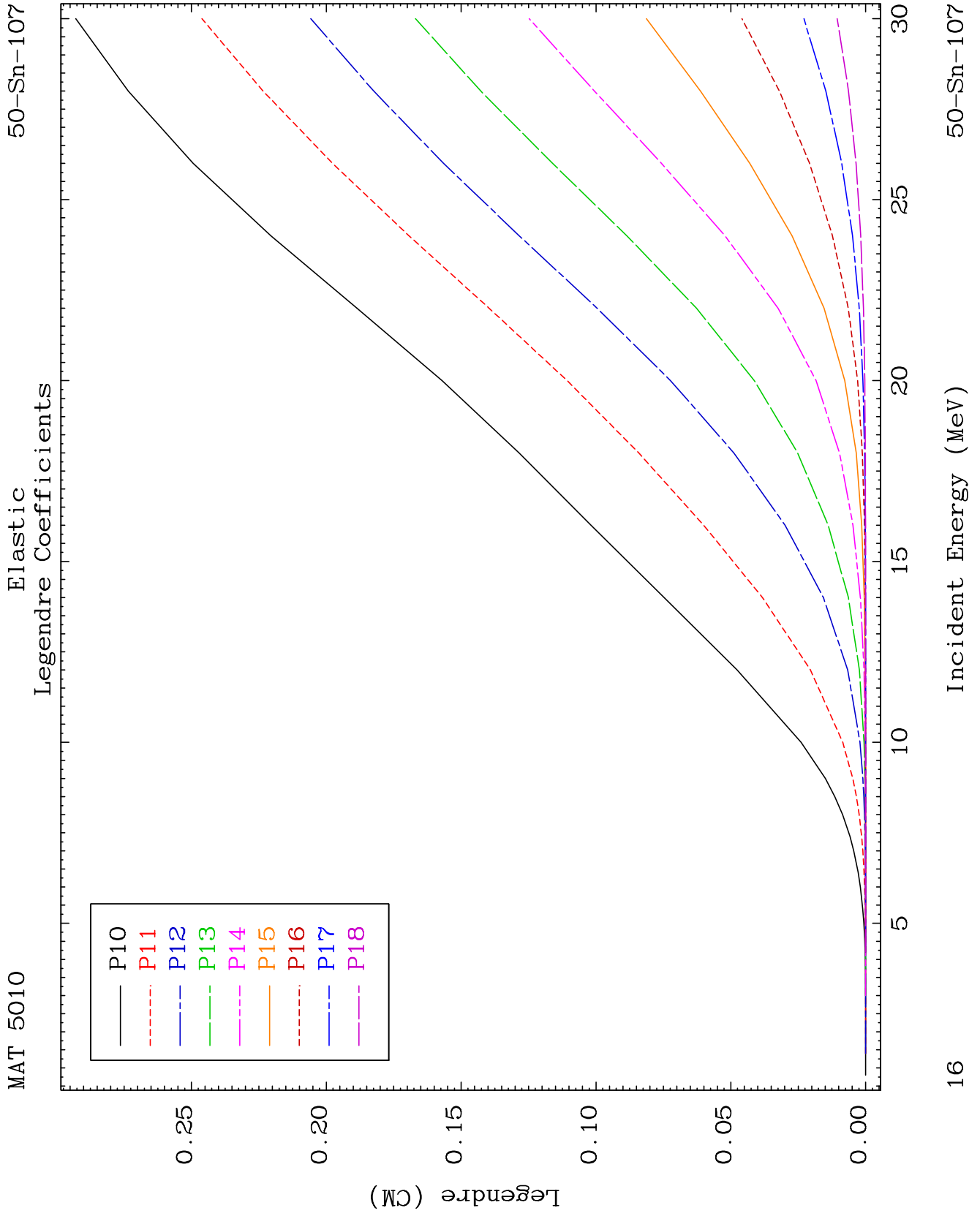
50-Sn-107



— (n,α)



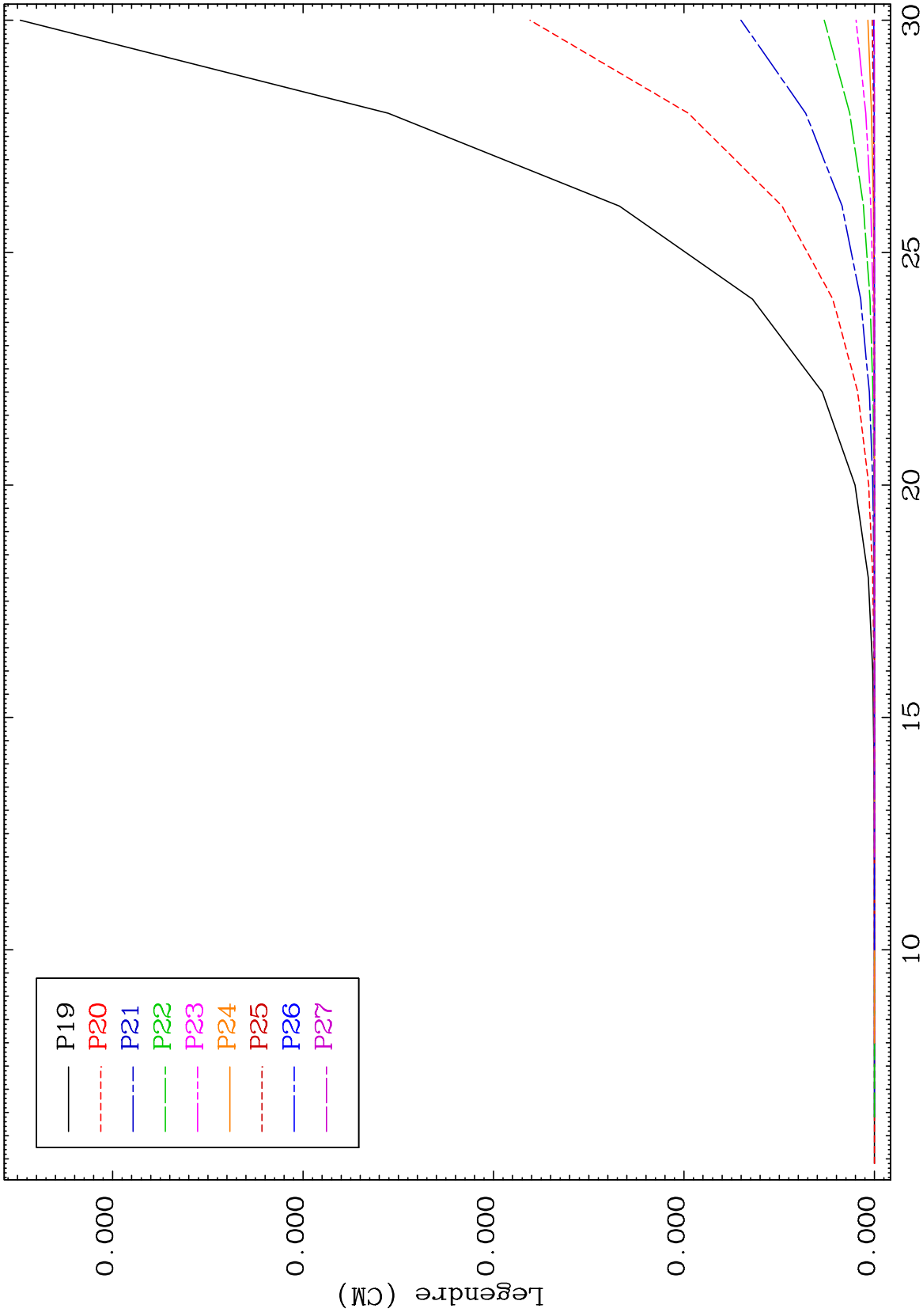




MAT 5010

Elastic Legendre Coefficients

50-Sn-107



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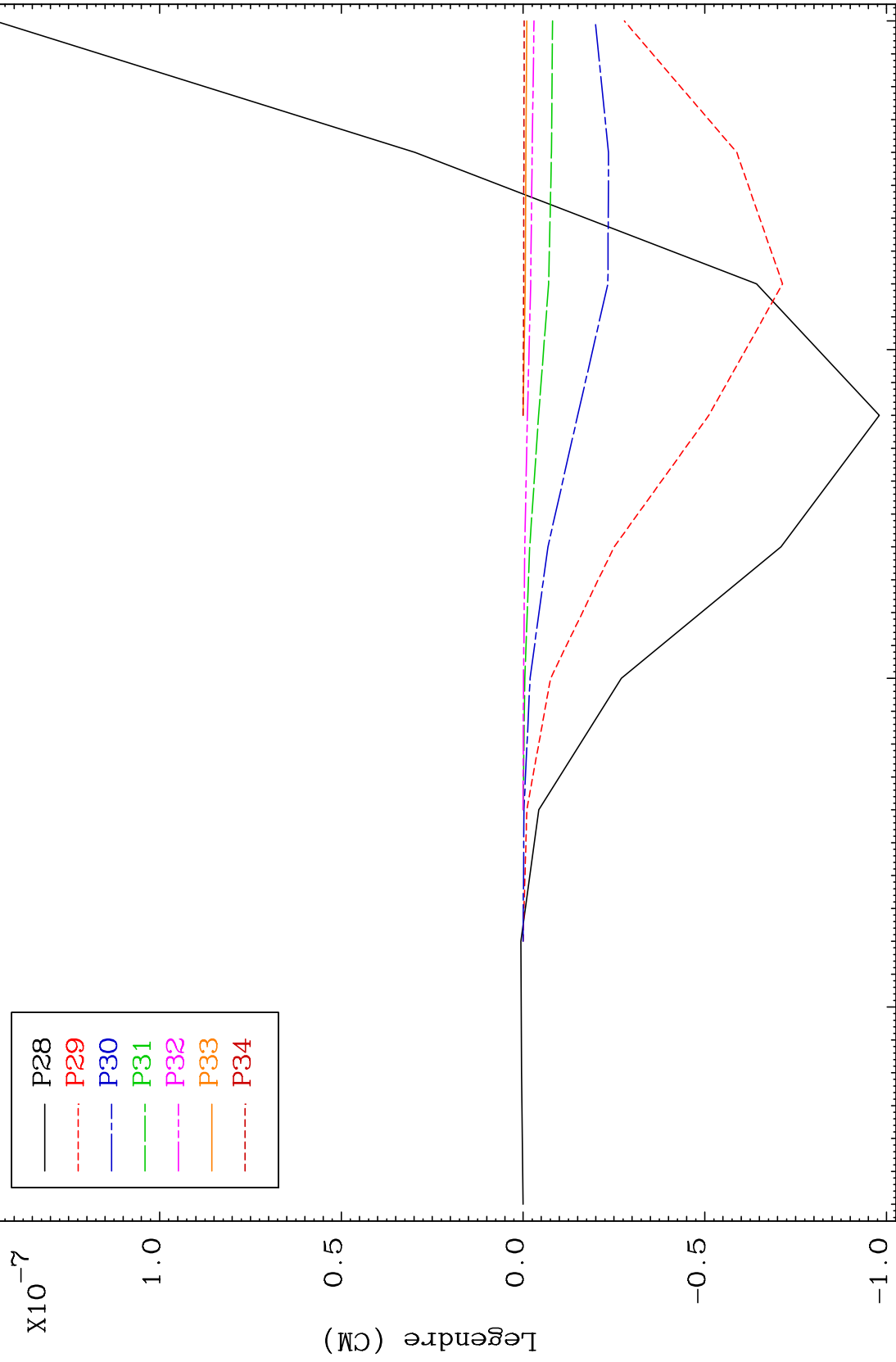
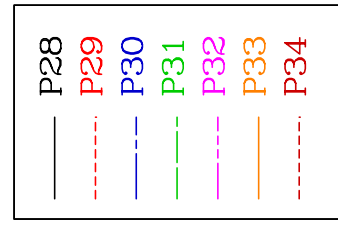
Incident Energy (MeV)

50-Sn-107

MAT 5010

Elastic Legendre Coefficients

50-Sn-107

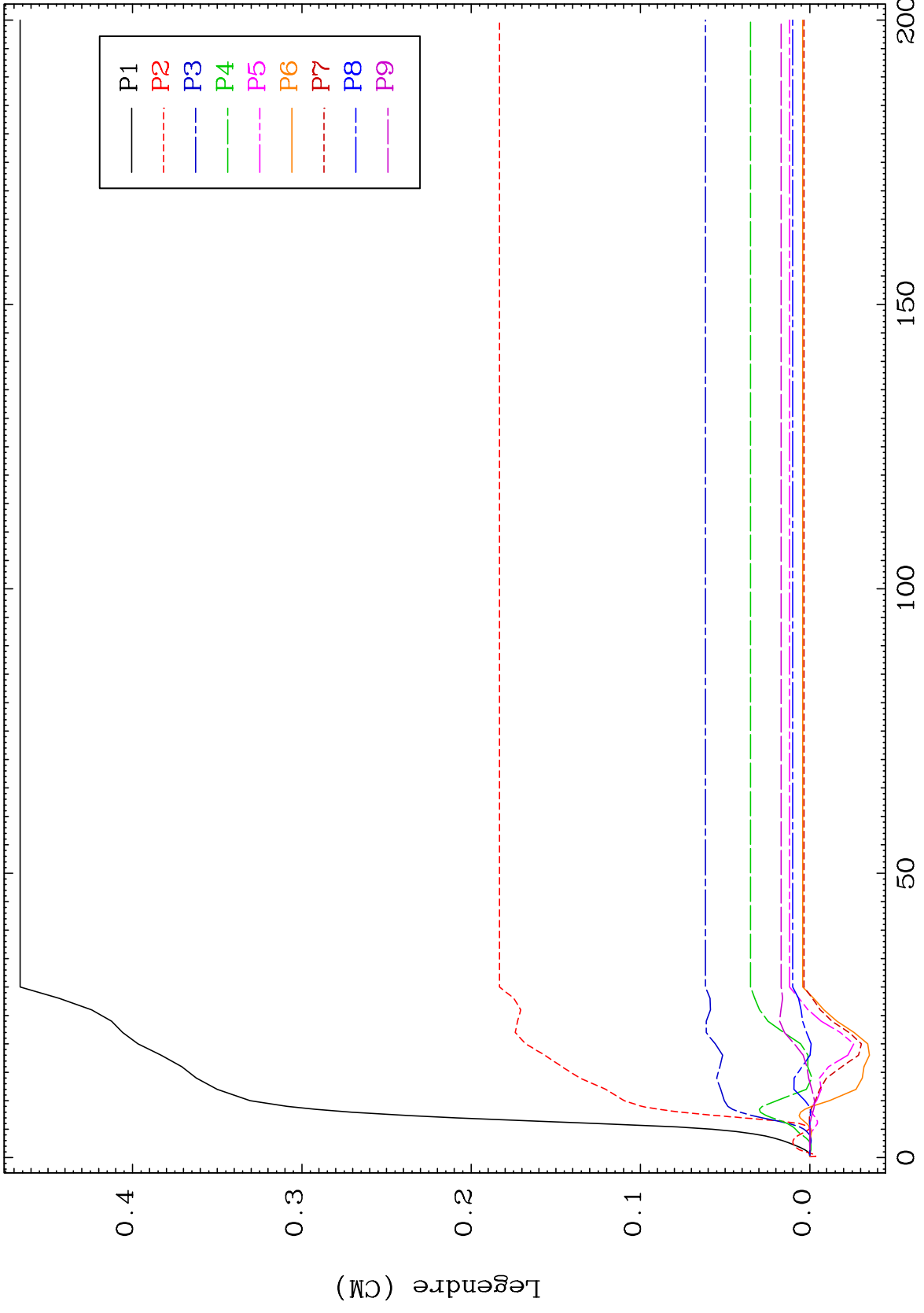


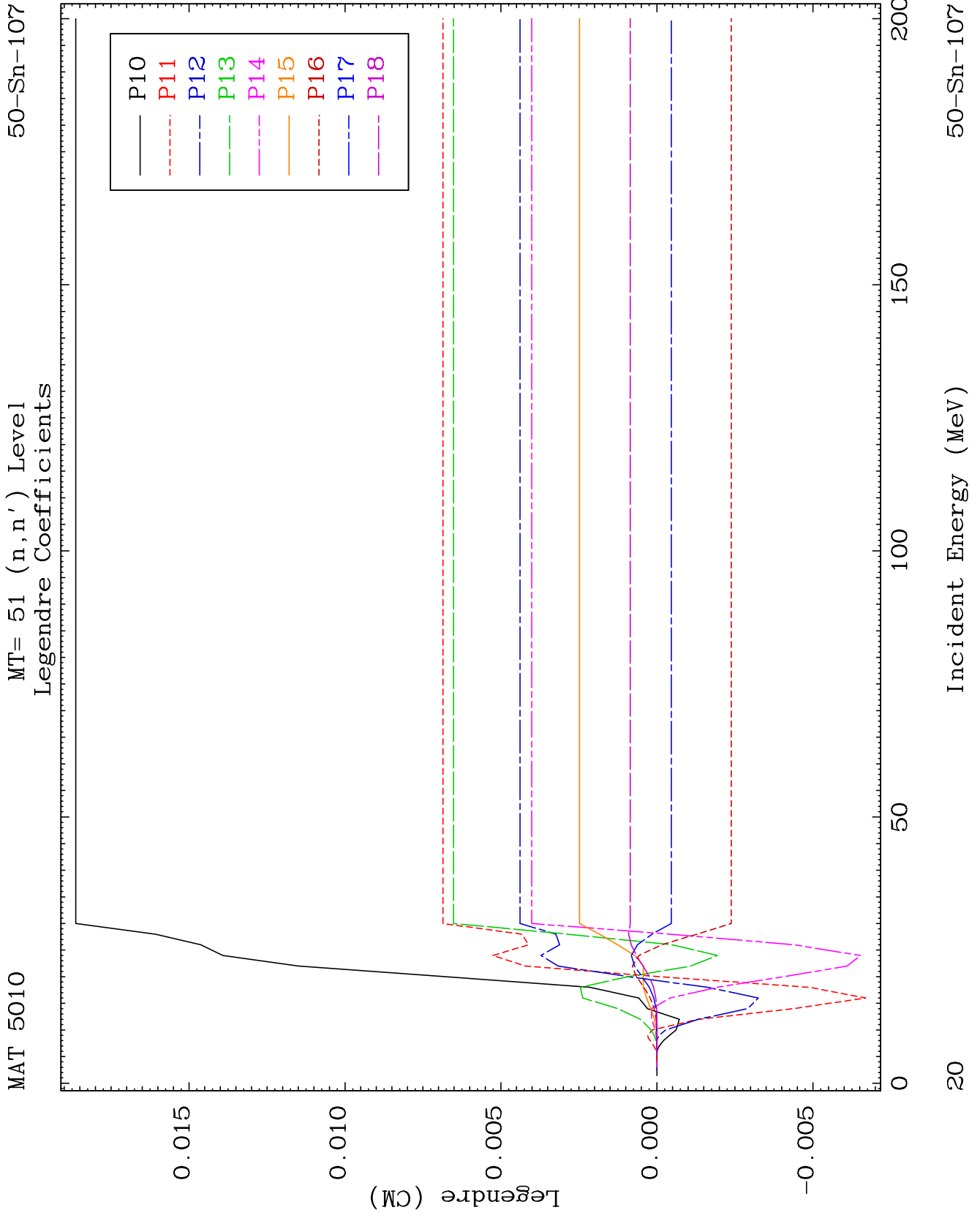
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Incident Energy (MeV)

50-Sn-107

MAT 5010 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-107

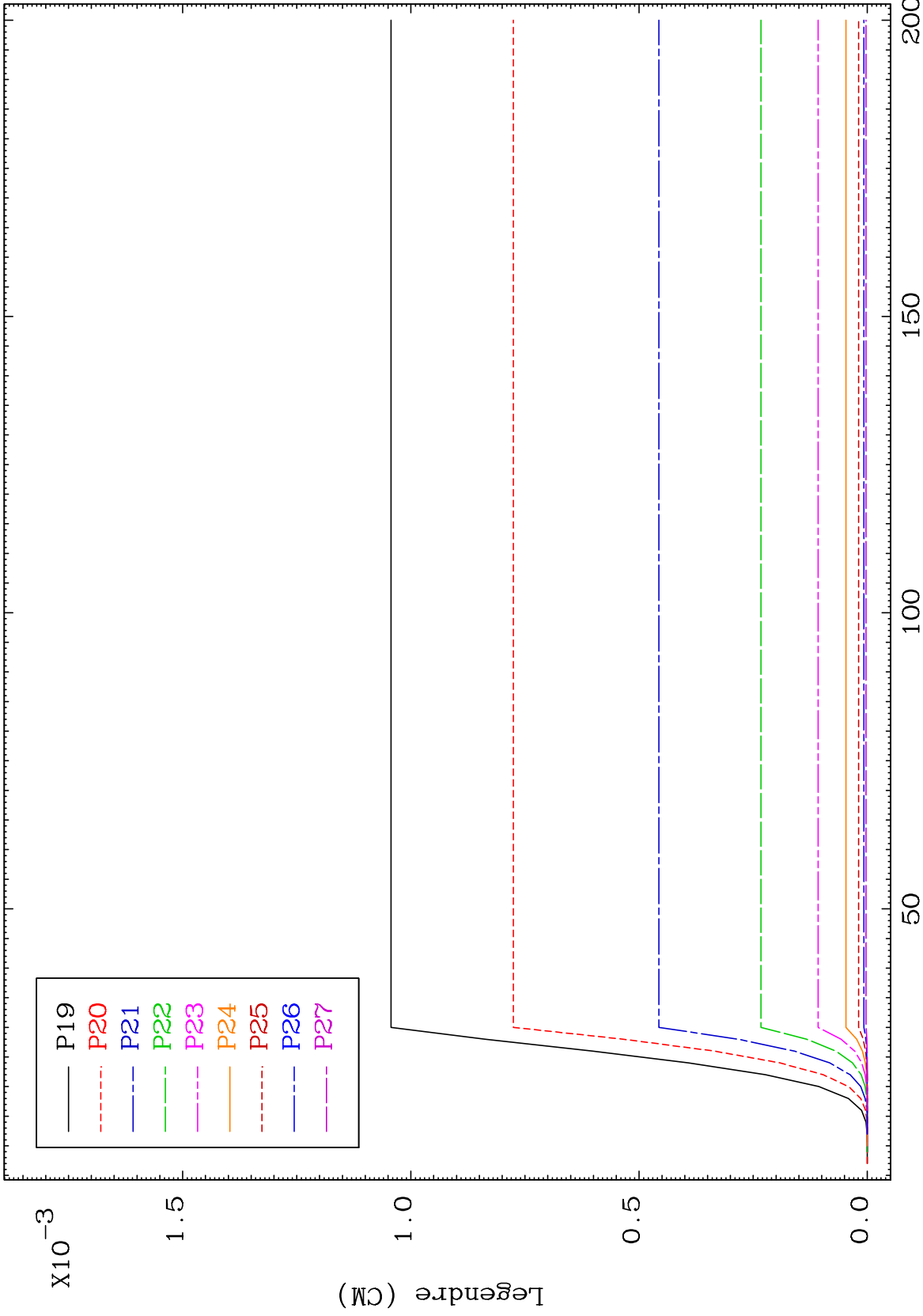




MAT 5010

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

50-Sn-107

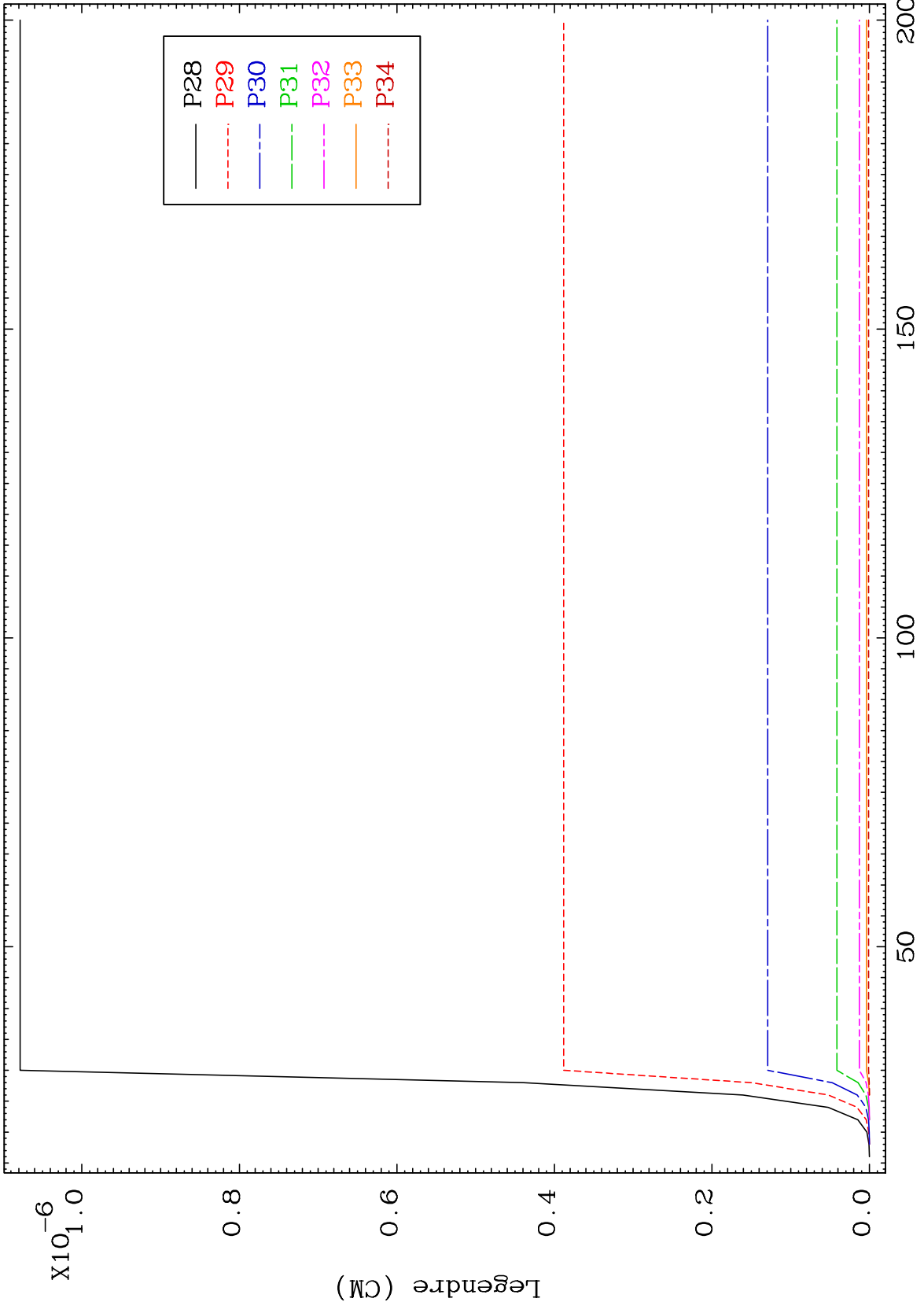


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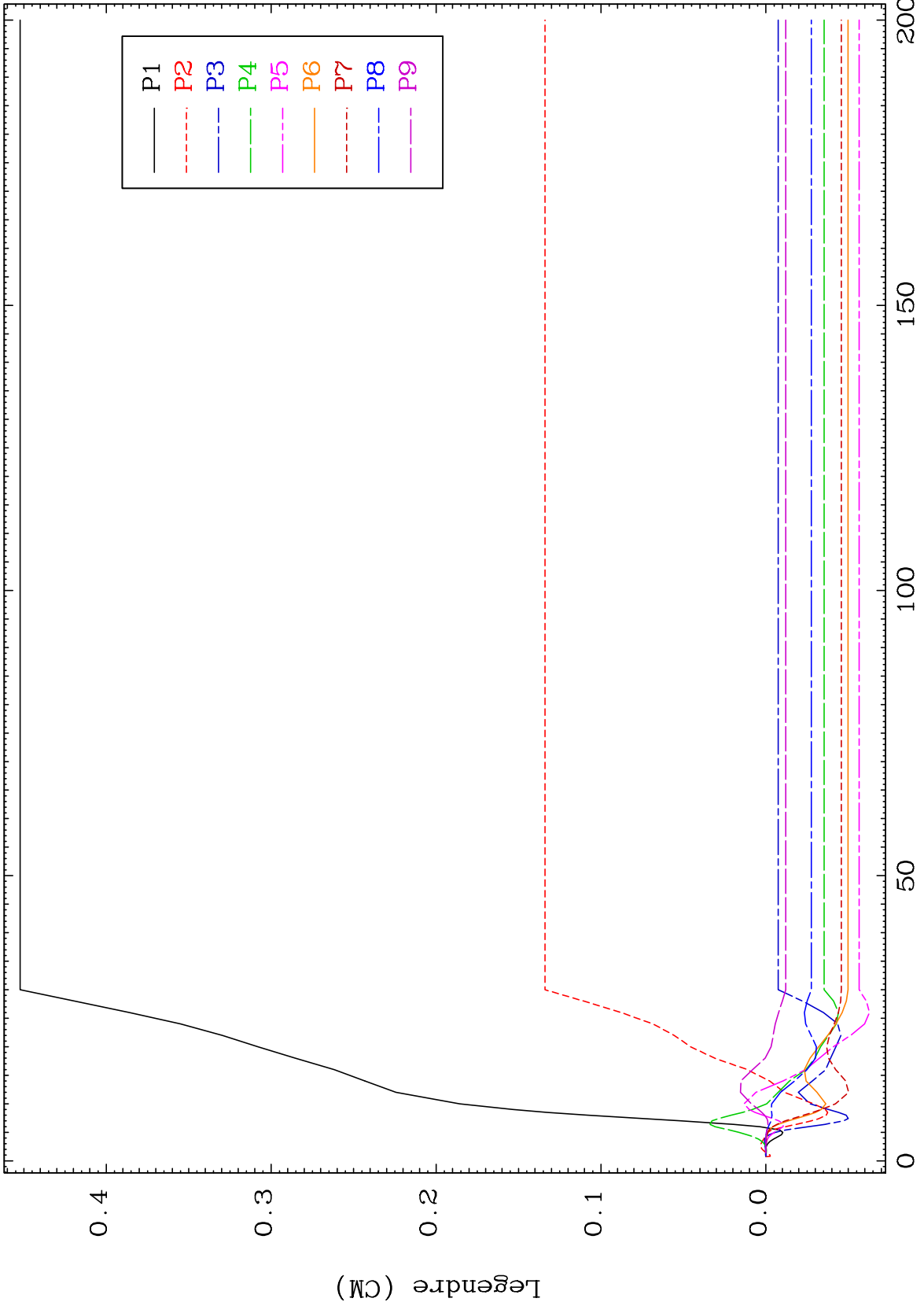
Incident Energy (MeV)

50-Sn-107

MAT 5010 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-107

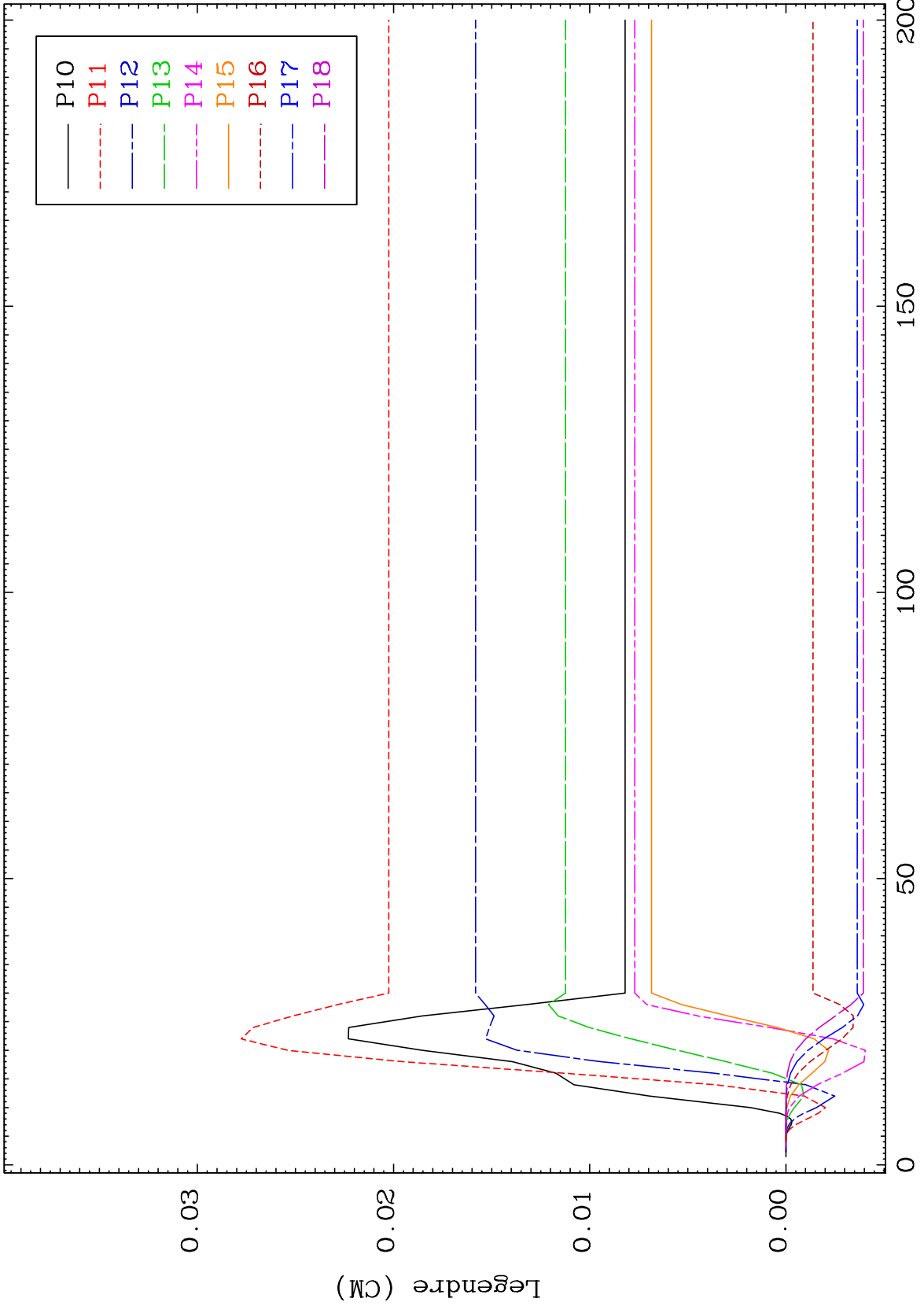


MAT 5010 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-107

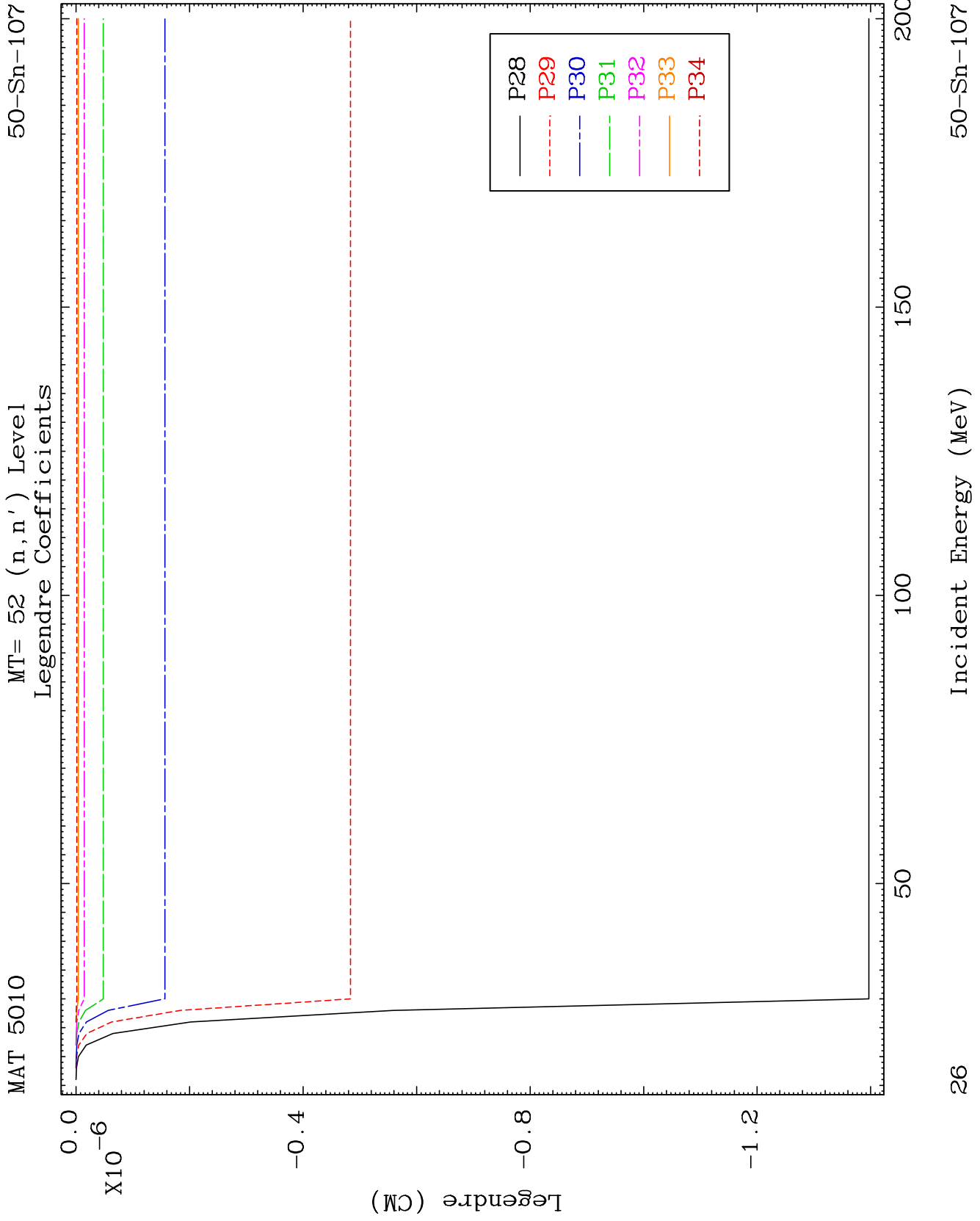


Legendre (CM) Incident Energy (MeV) 50-Sn-107

MAT 5010 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-107

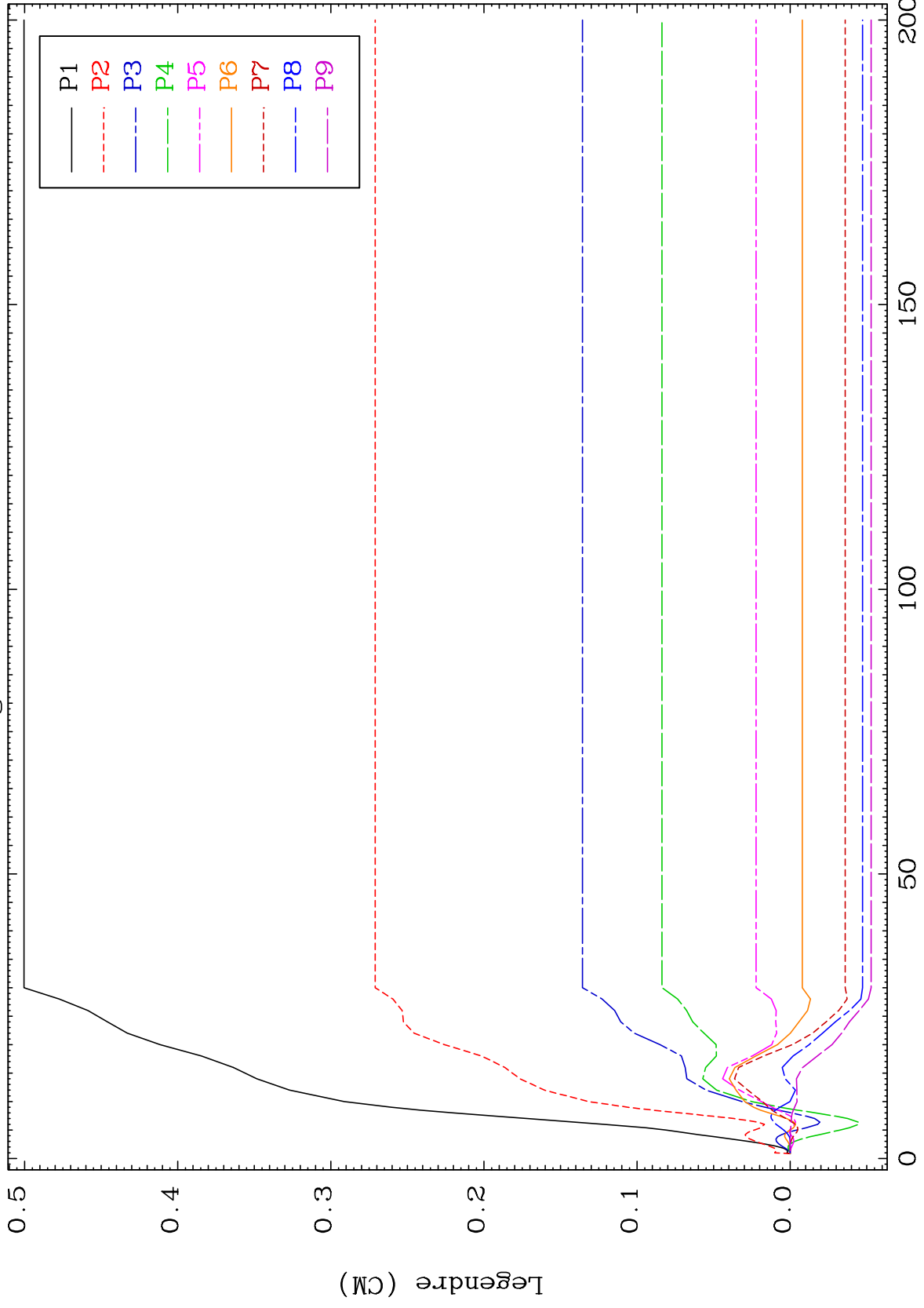


24 50-Sn-107



MAT 5010 MT= 53 (n,n') Level Legendre Coefficients

50-Sn-107

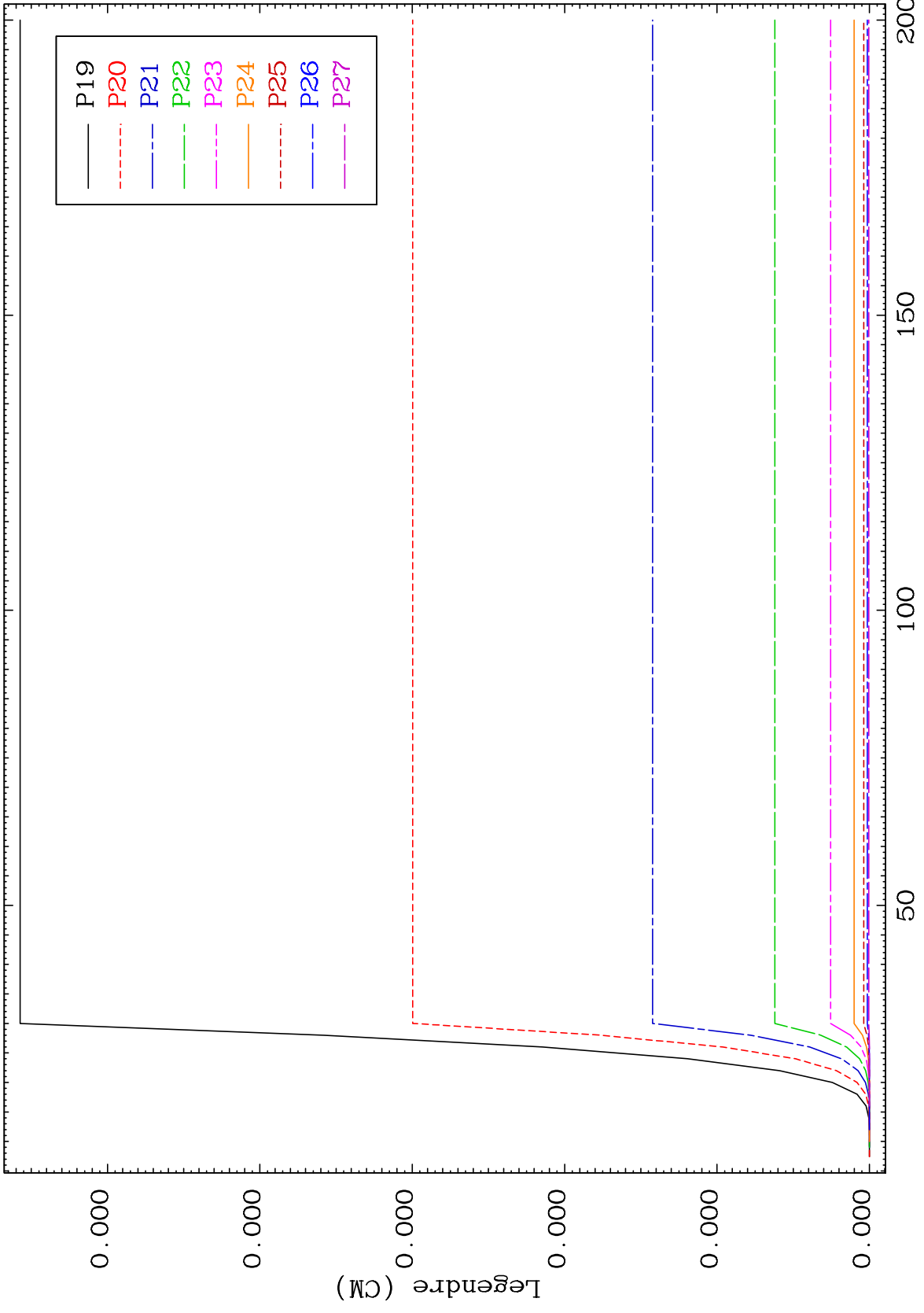


50-Sn-107

Incident Energy (MeV)

27

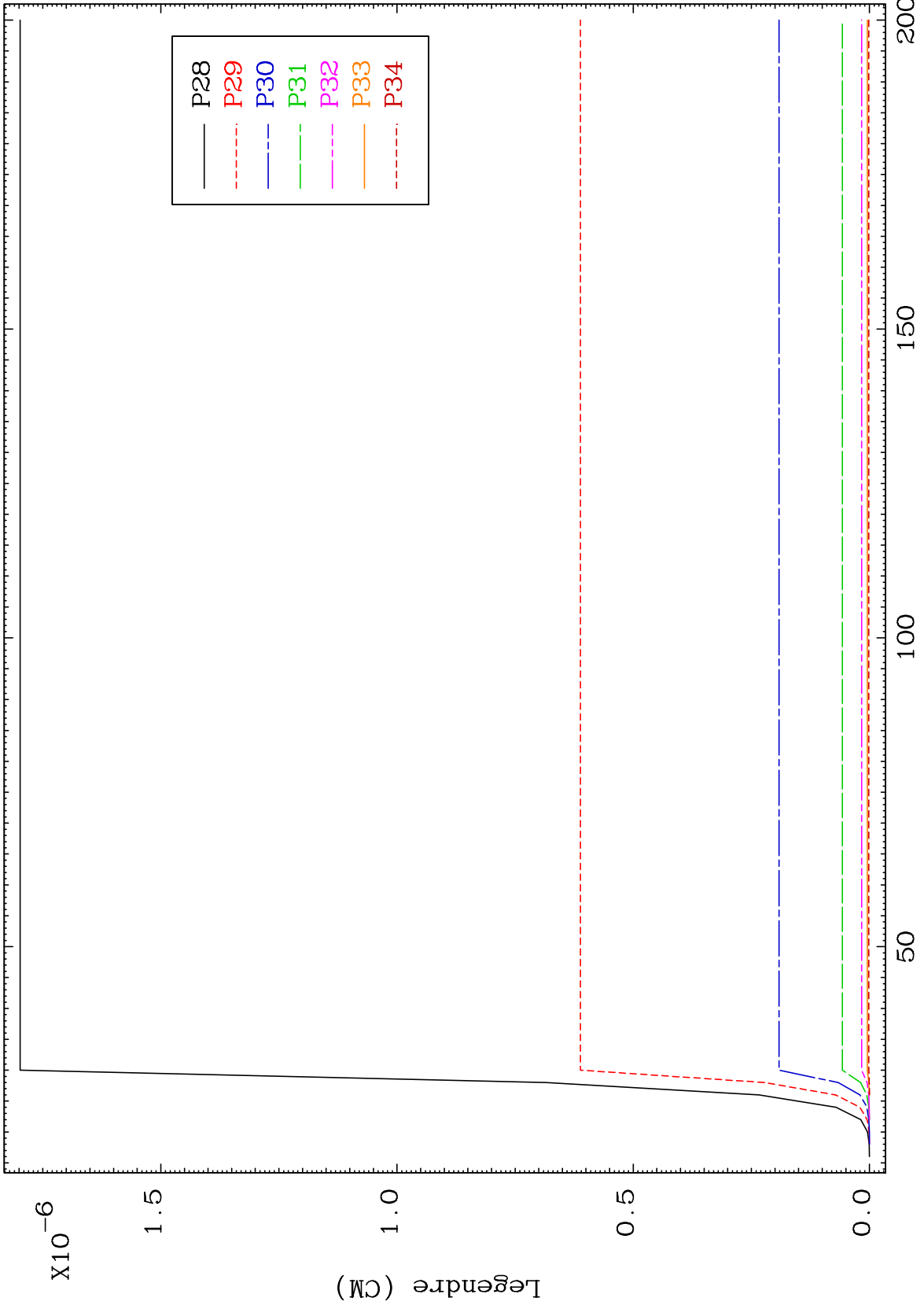
MAT 5010 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-107



MAT 5010

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

50-Sn-107

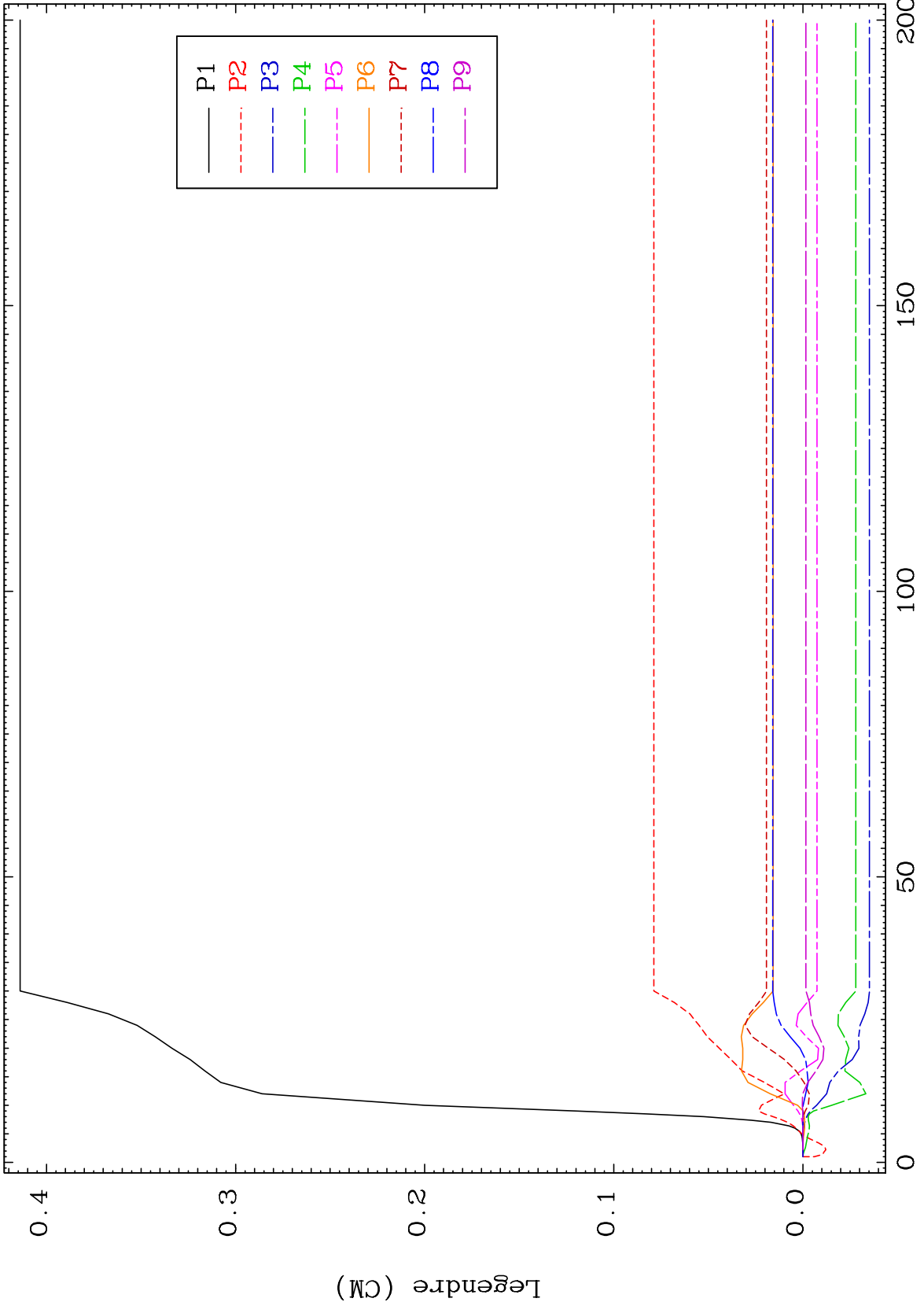


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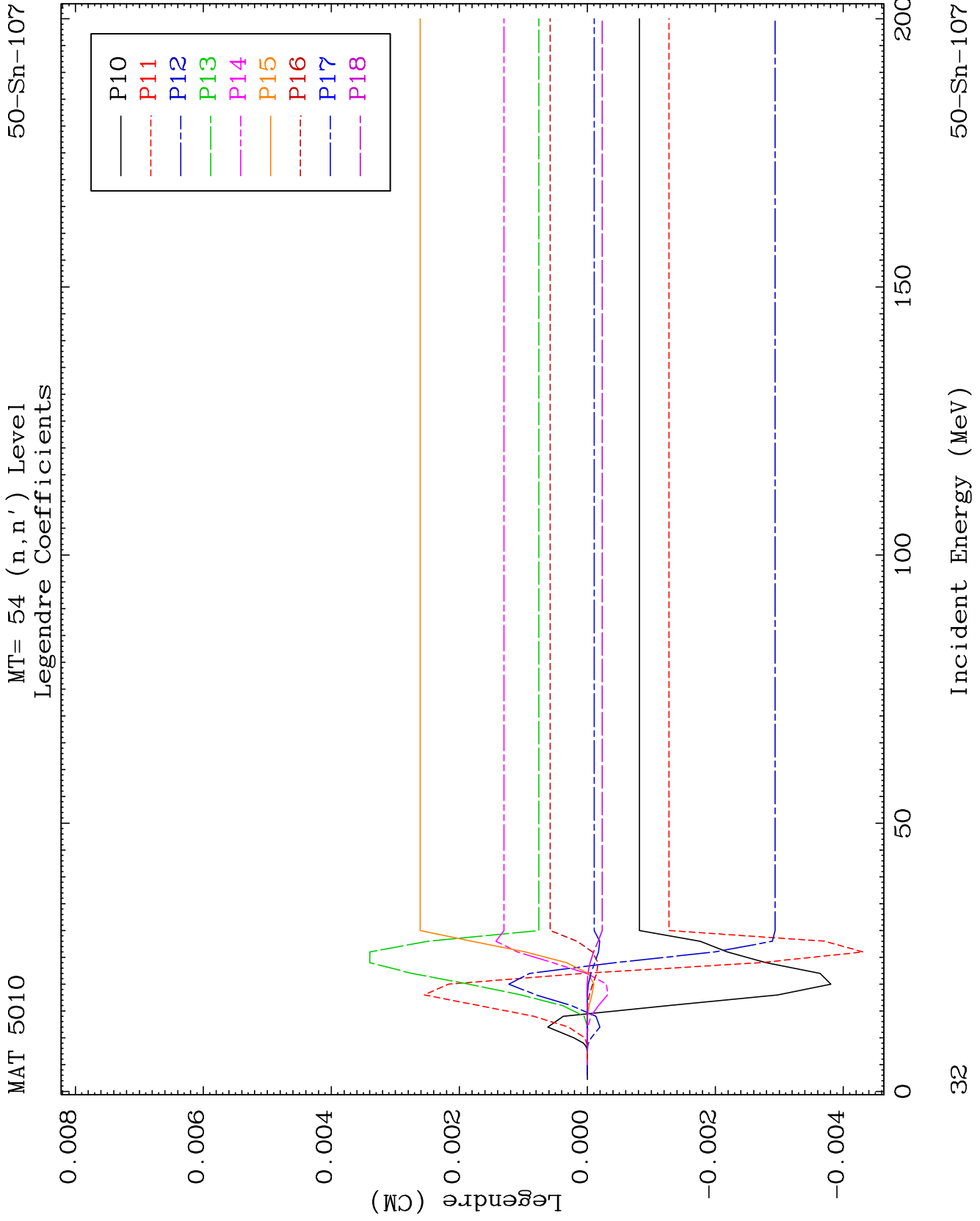
Incident Energy (MeV)

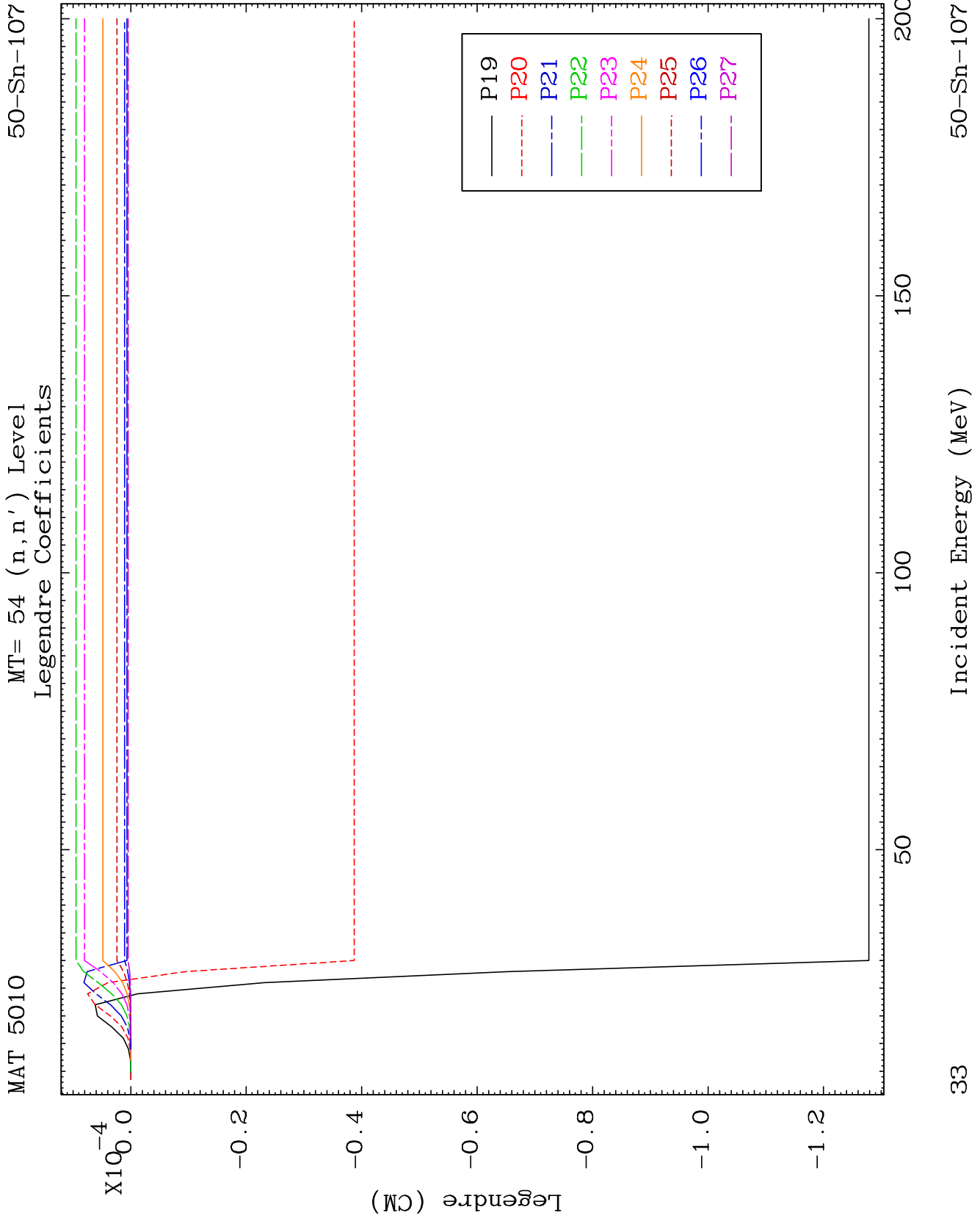
50-Sn-107

MAT 5010 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-107

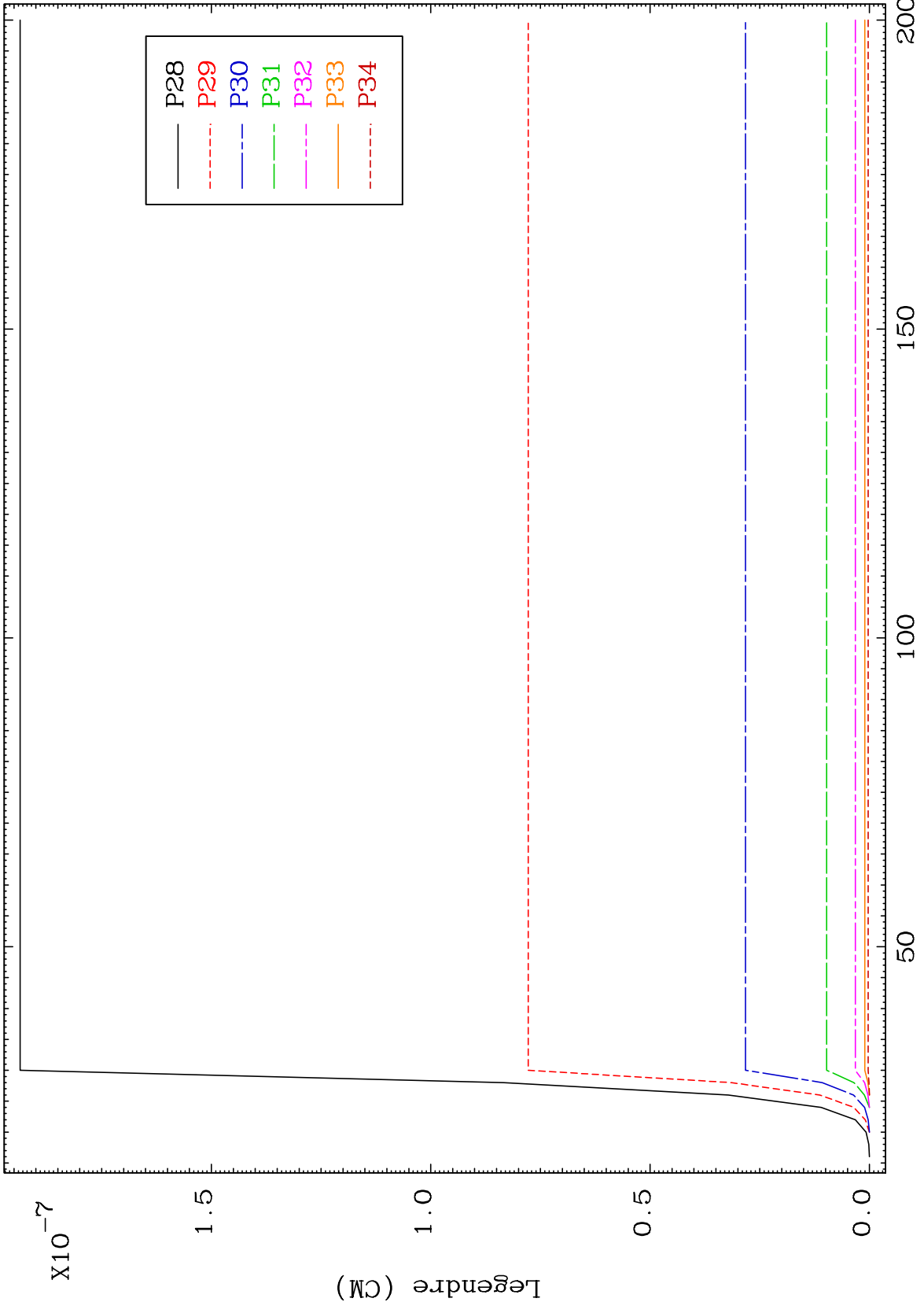


31 Incident Energy (MeV) 50-Sn-107

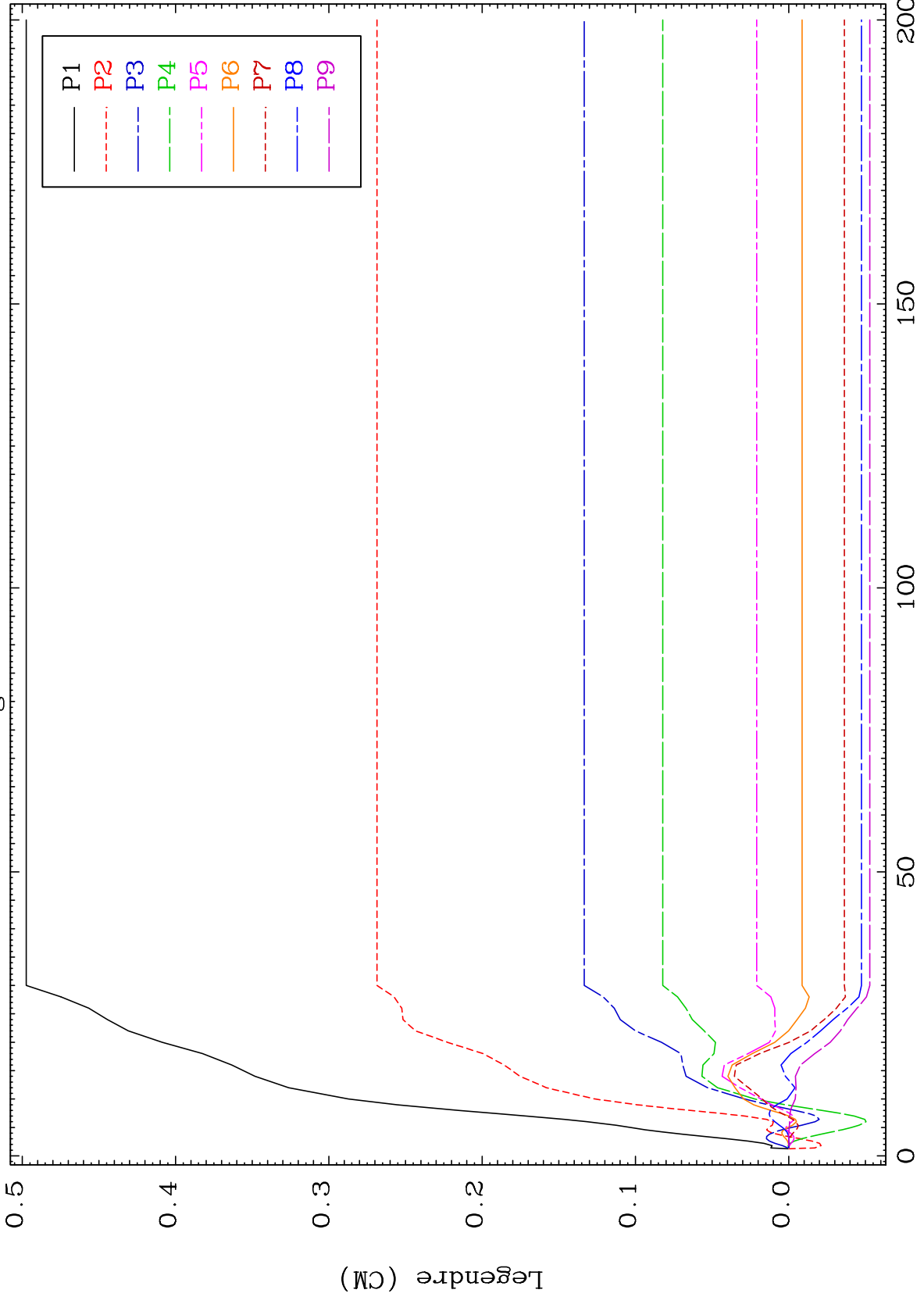




MAT 5010 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-107

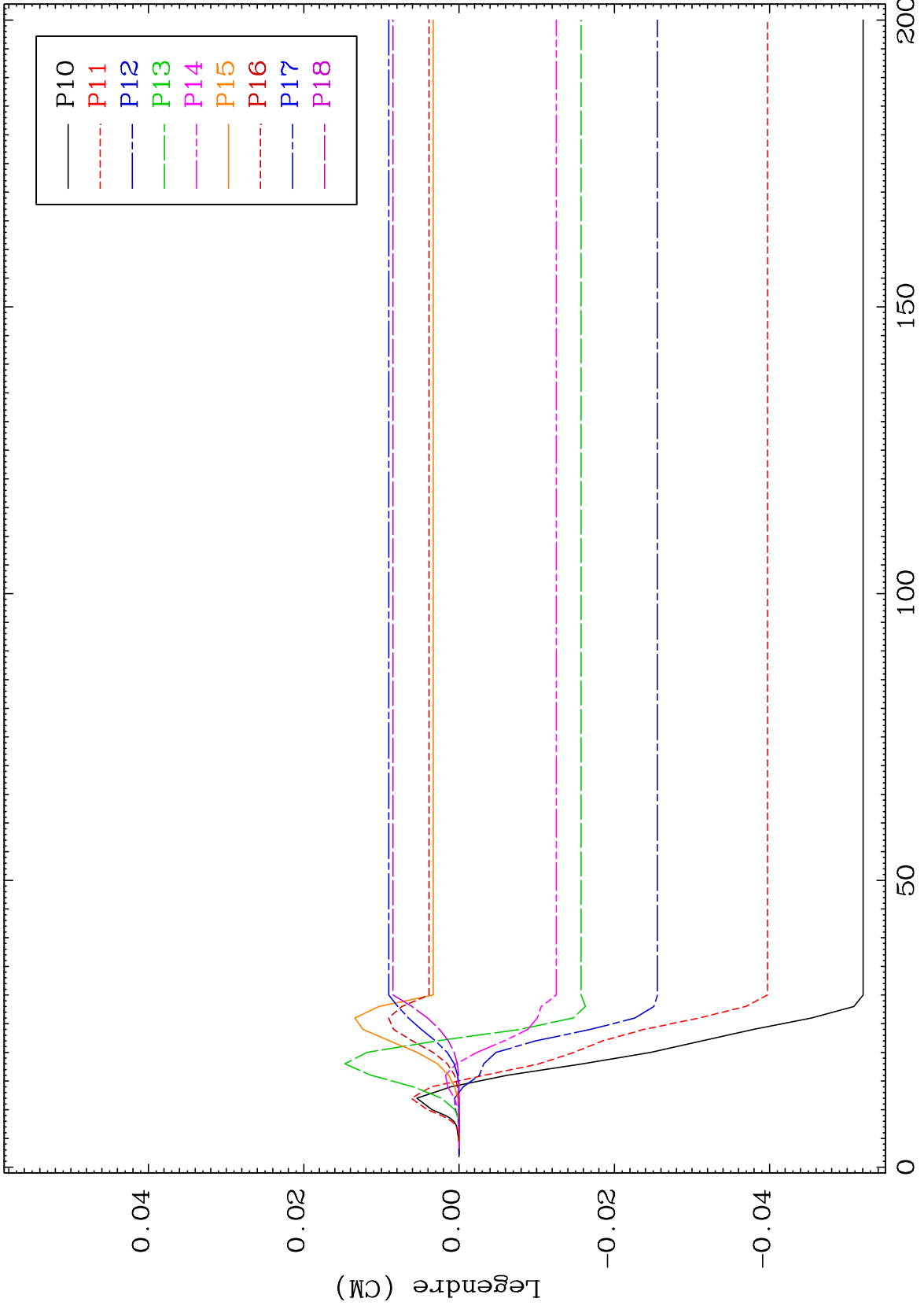


MAT 5010 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-107



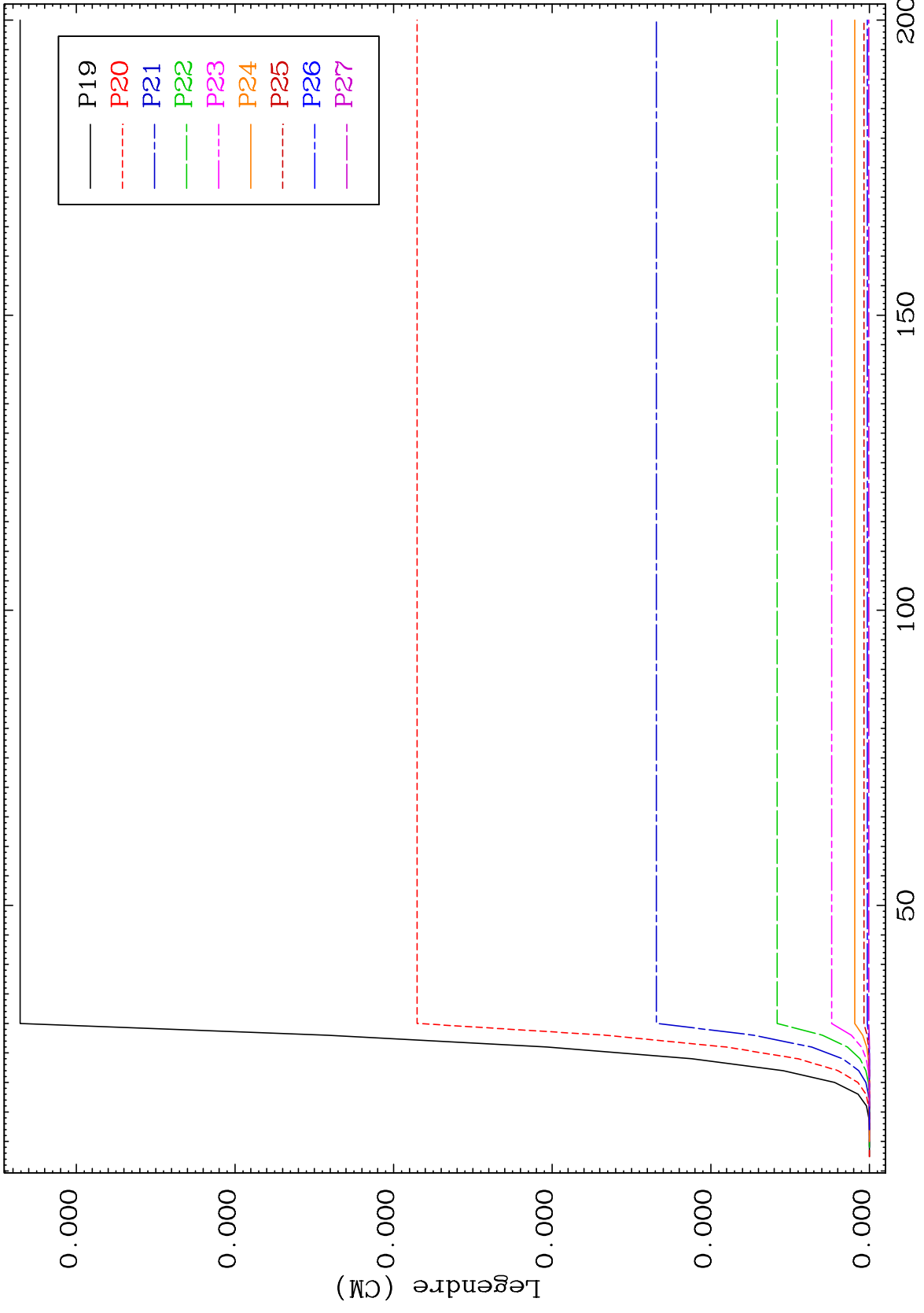
Legendre (CM) Incident Energy (MeV) 50-Sn-107

MAT 5010 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-107



36 50-Sn-107

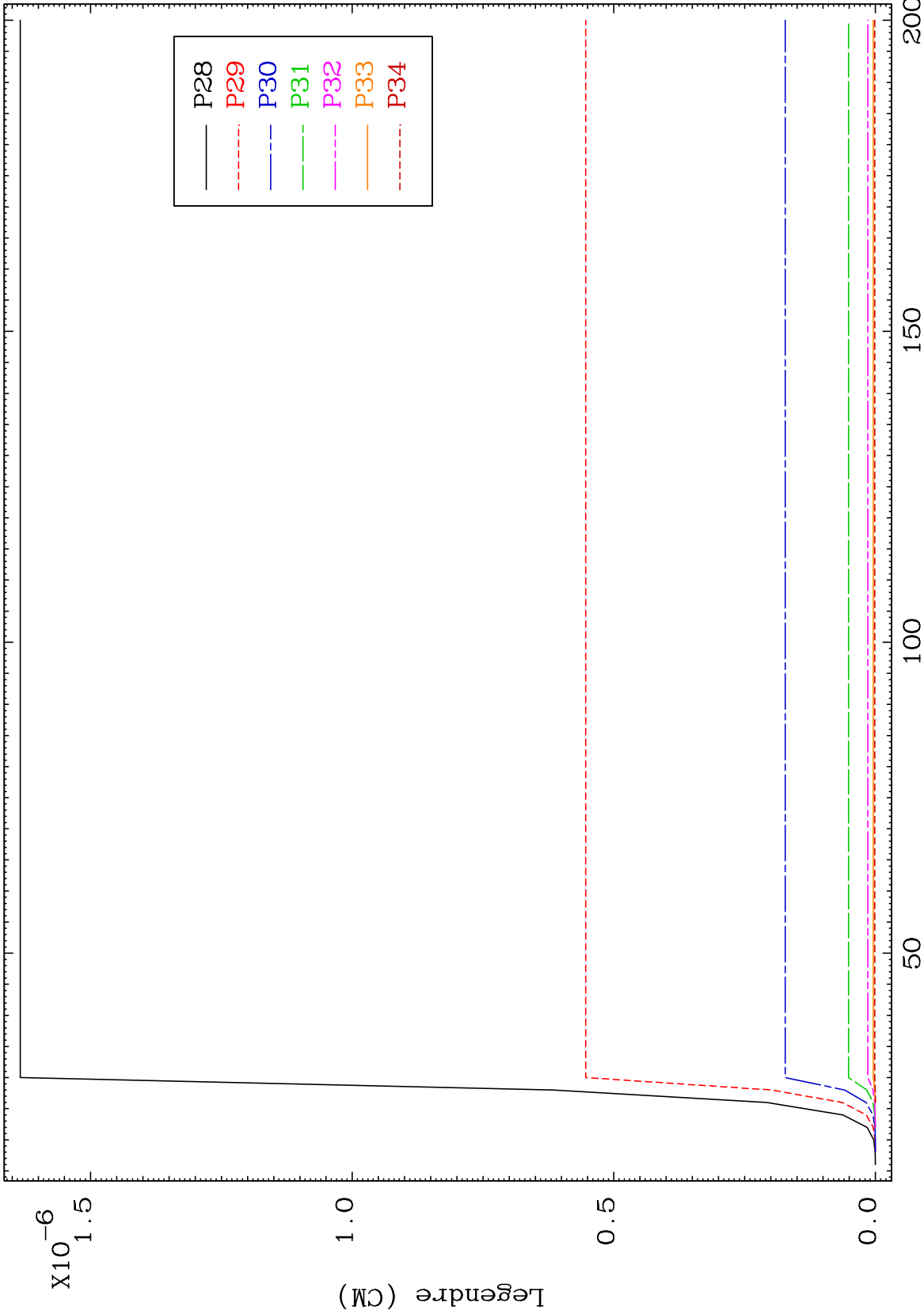
MAT 5010 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-107



MAT 5010

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

50-Sn-107

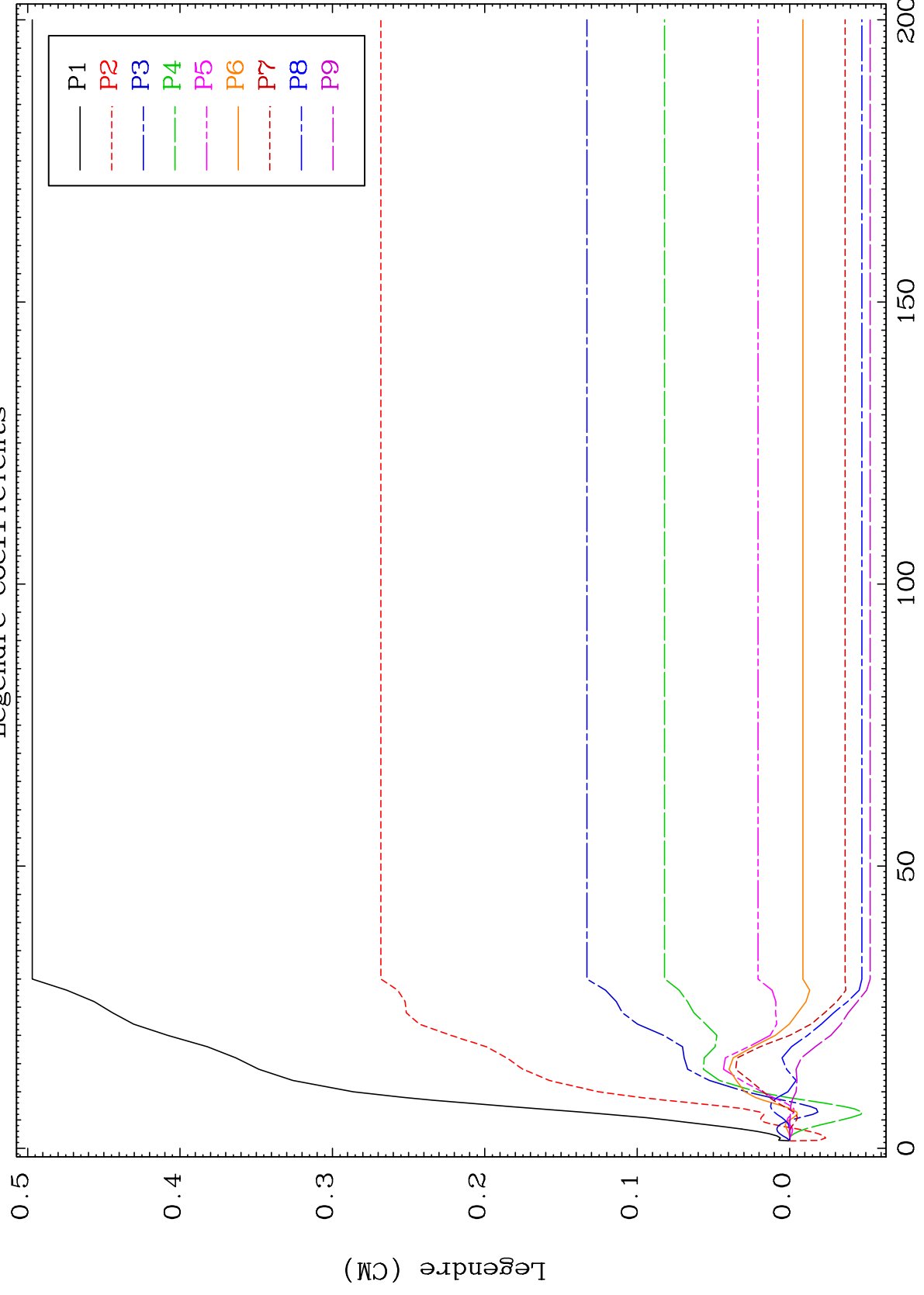


38

Incident Energy (MeV)

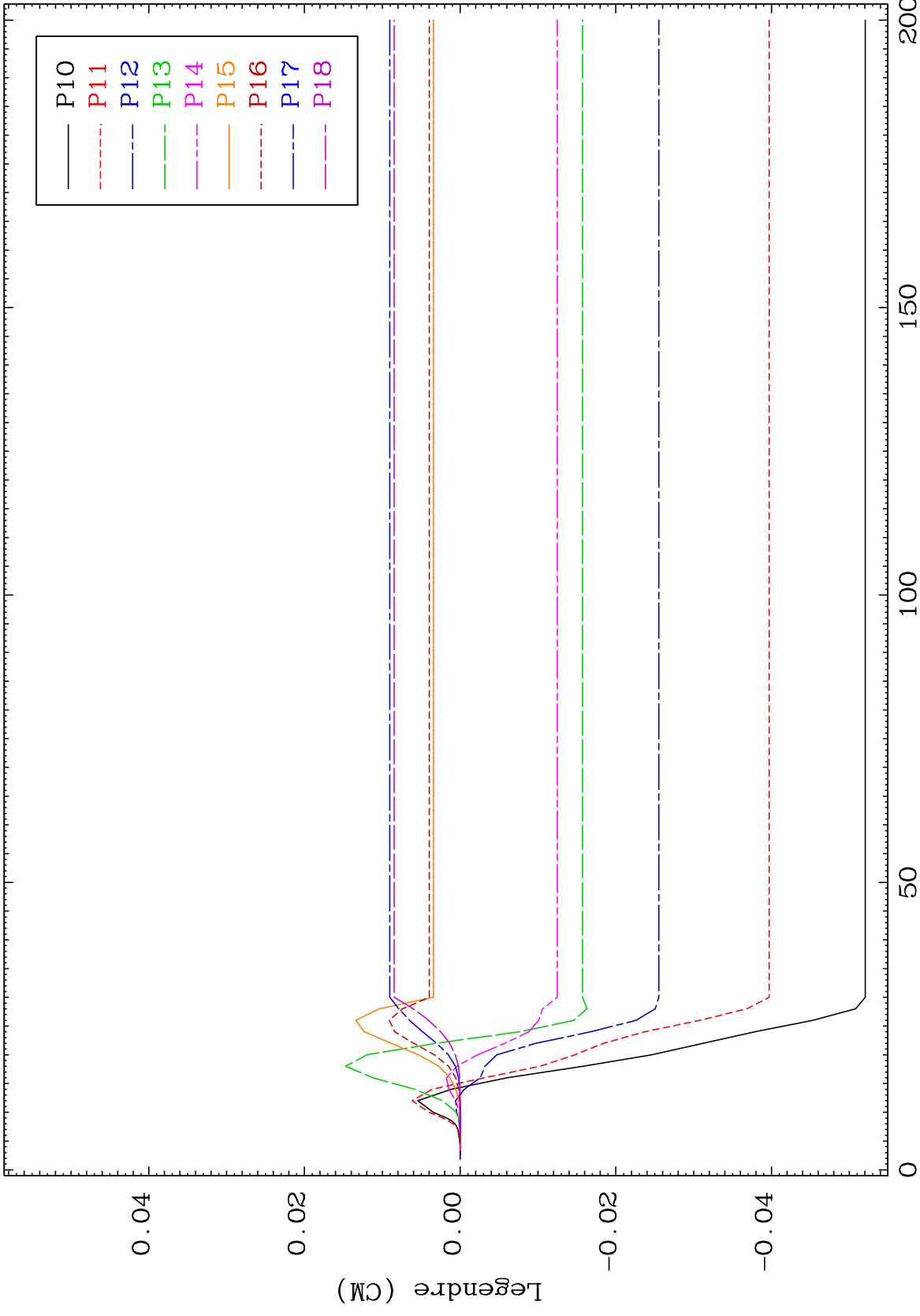
50-Sn-107

MAT 5010 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-107



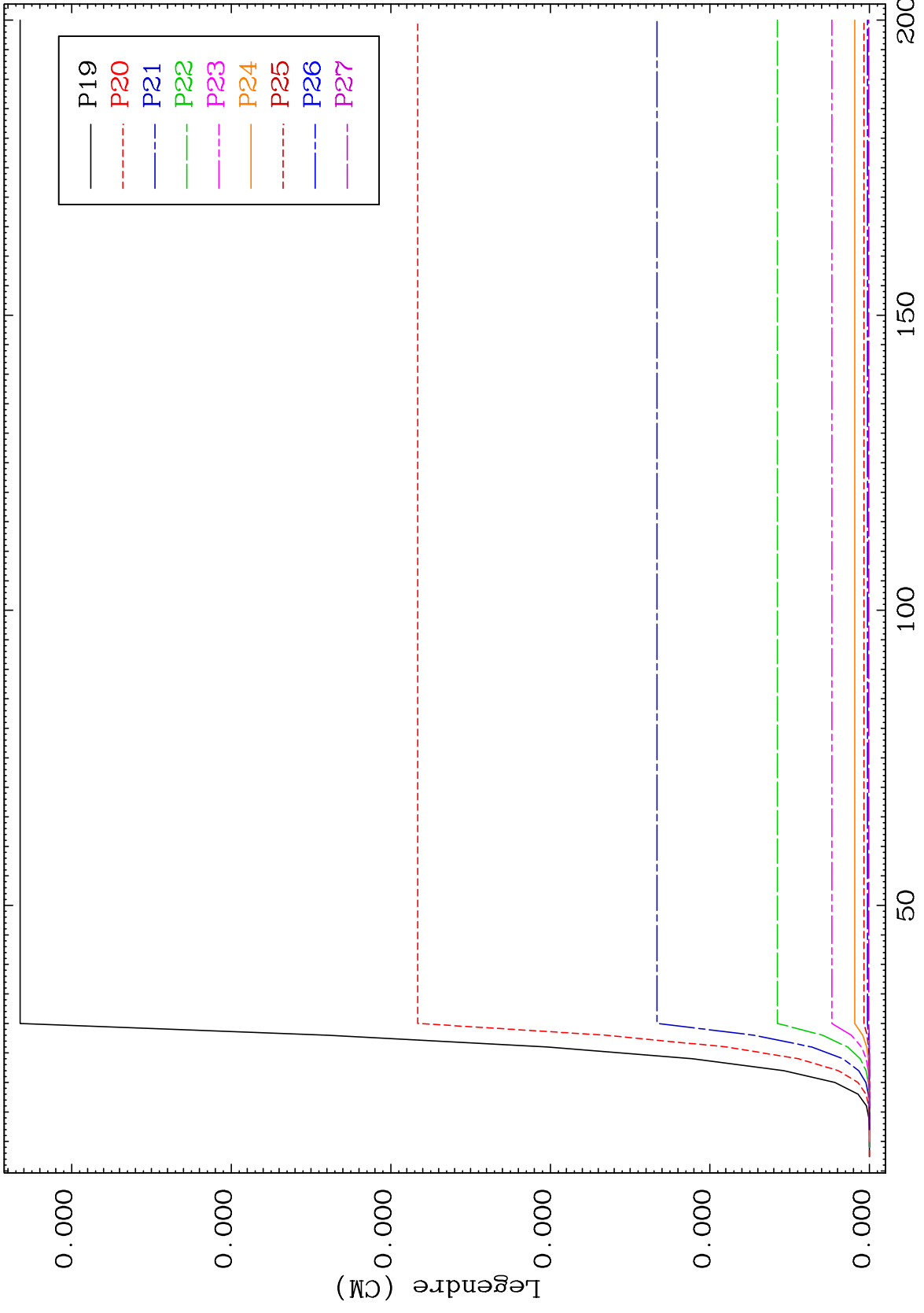
39 50-Sn-107

MAT 5010 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-107



Incident Energy (MeV) 50-Sn-107

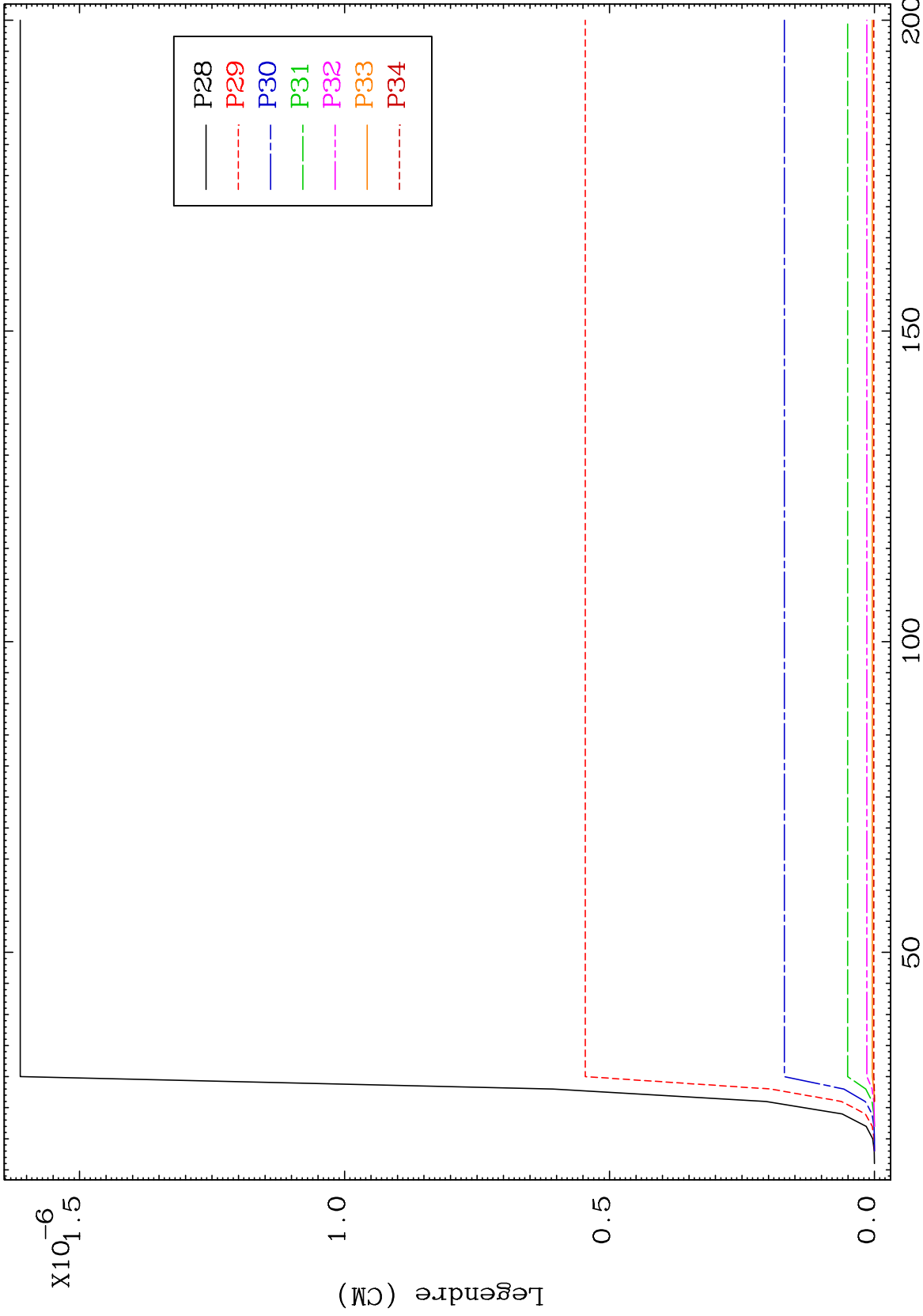
MAT 5010 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-107



MAT 5010

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

50-Sn-107

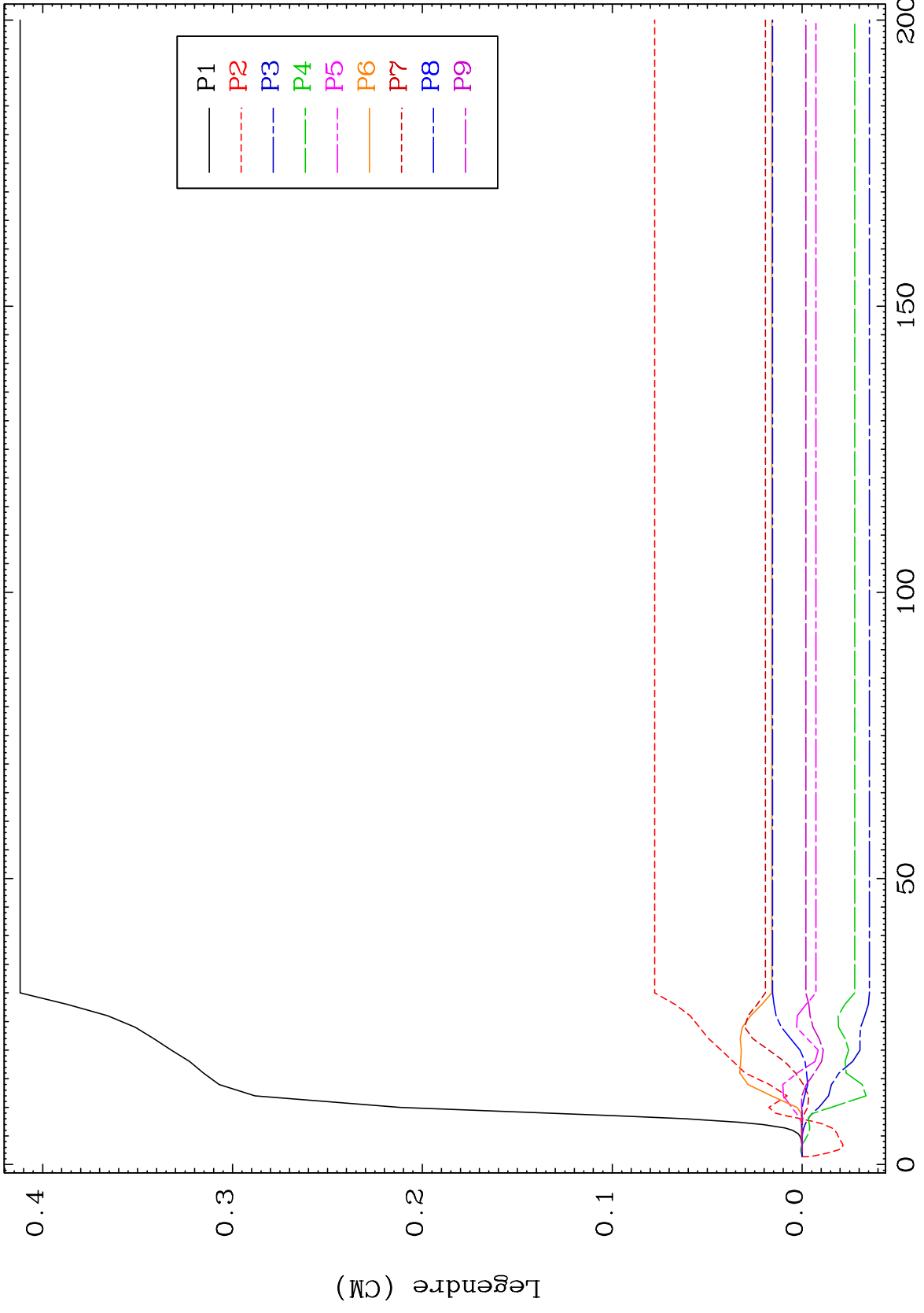


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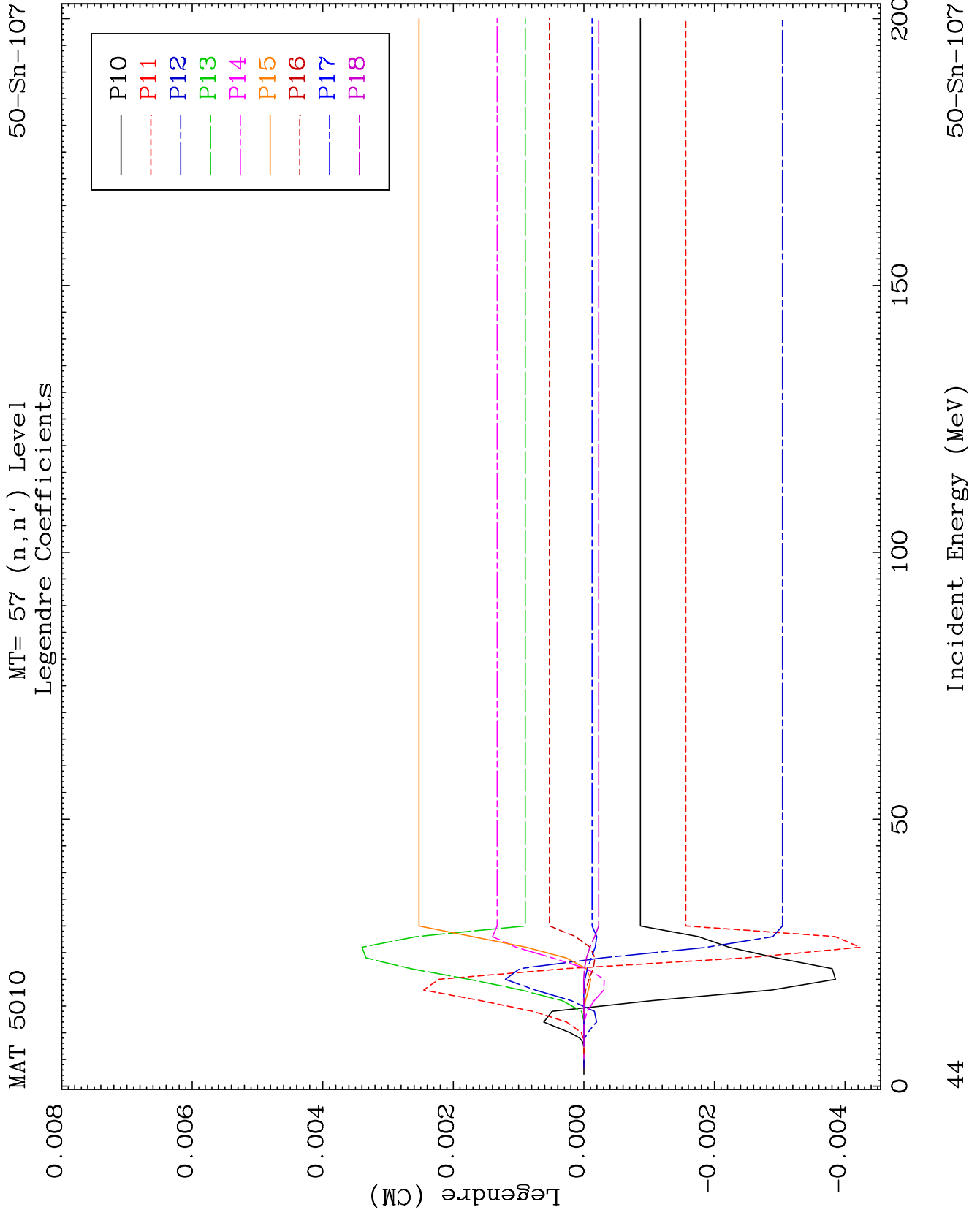
Incident Energy (MeV)

50-Sn-107

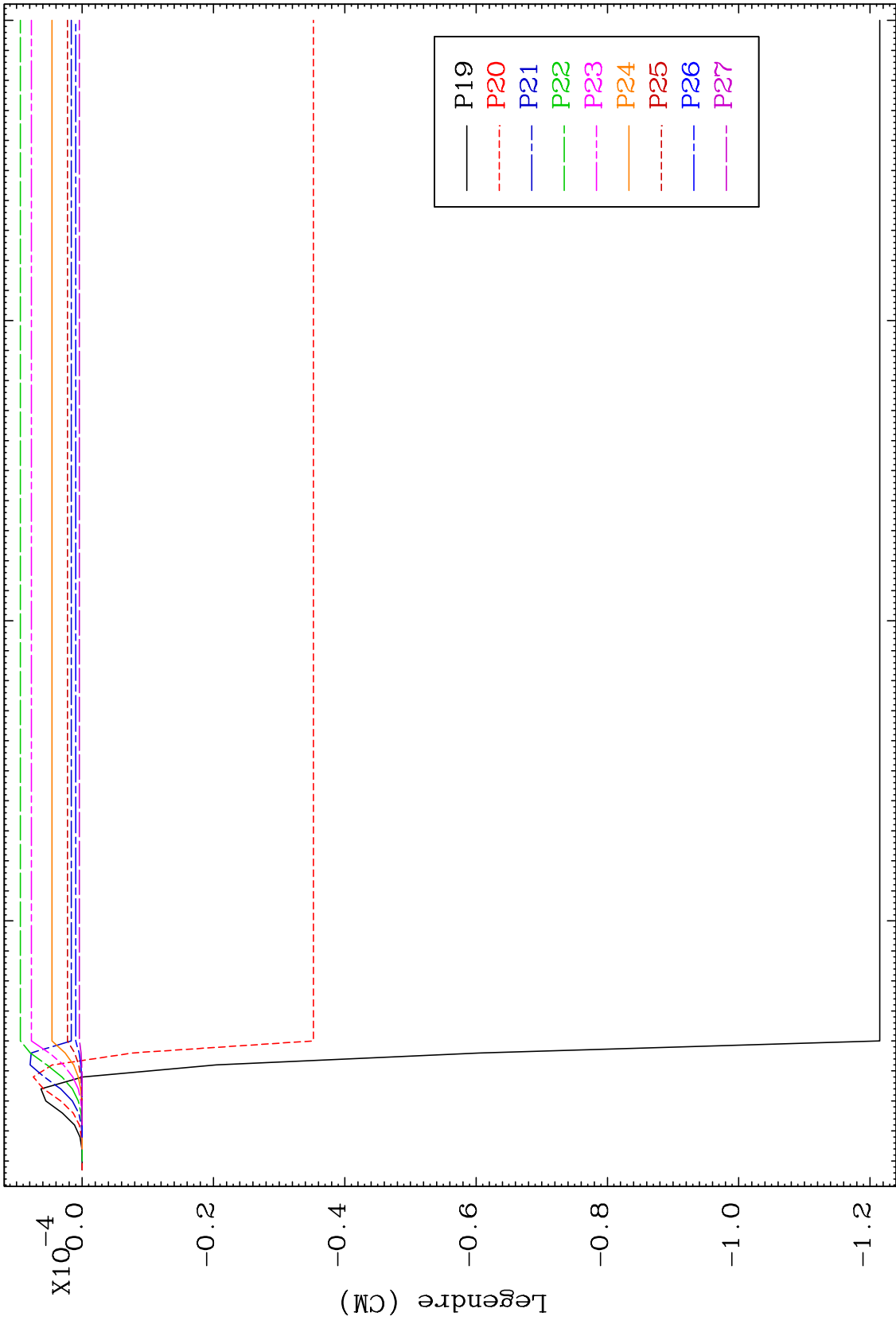
MAT 5010 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-107



43 50-Sn-107



MAT 5010 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-107

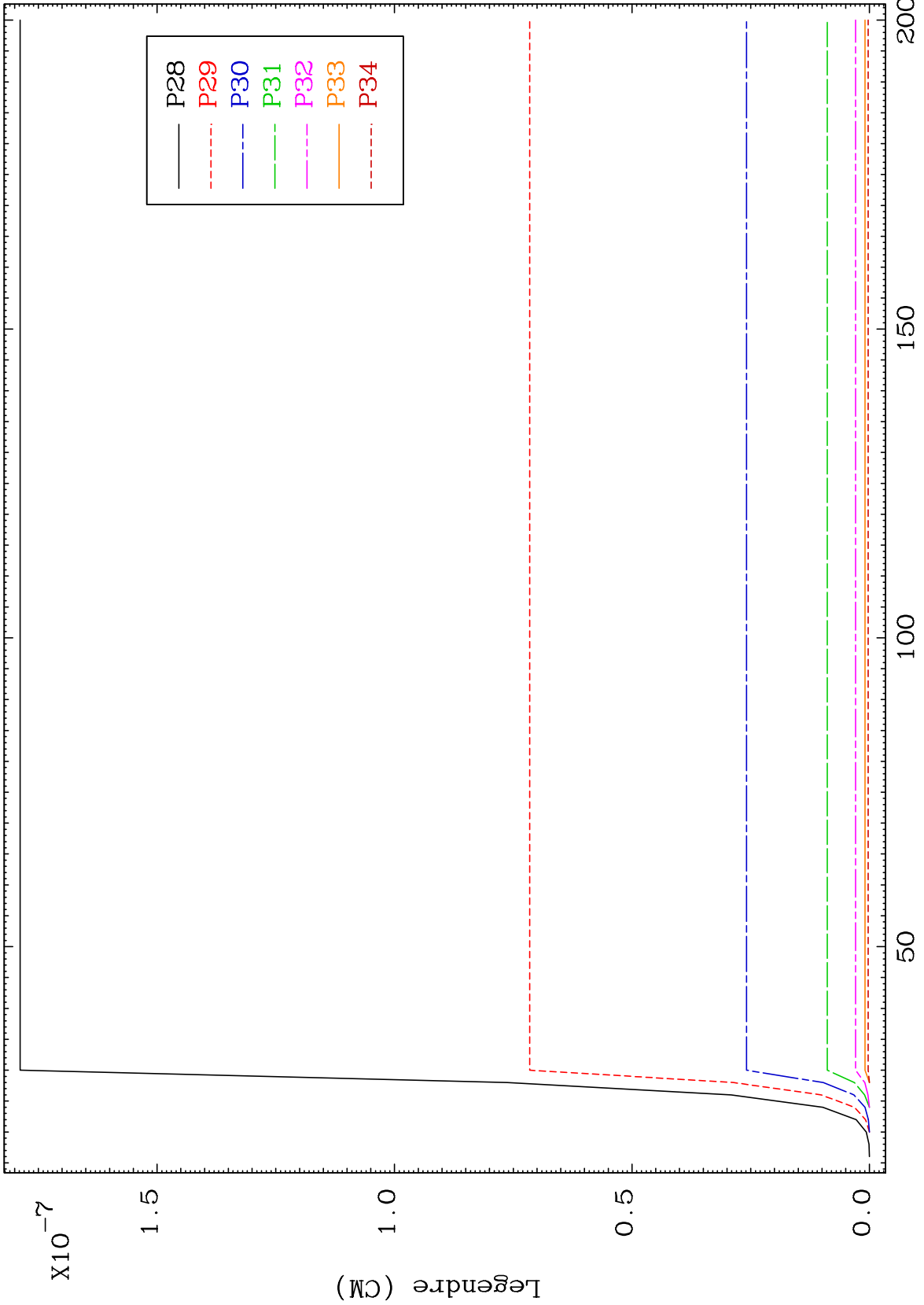


45 Incident Energy (MeV) 50-Sn-107

MAT 5010

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

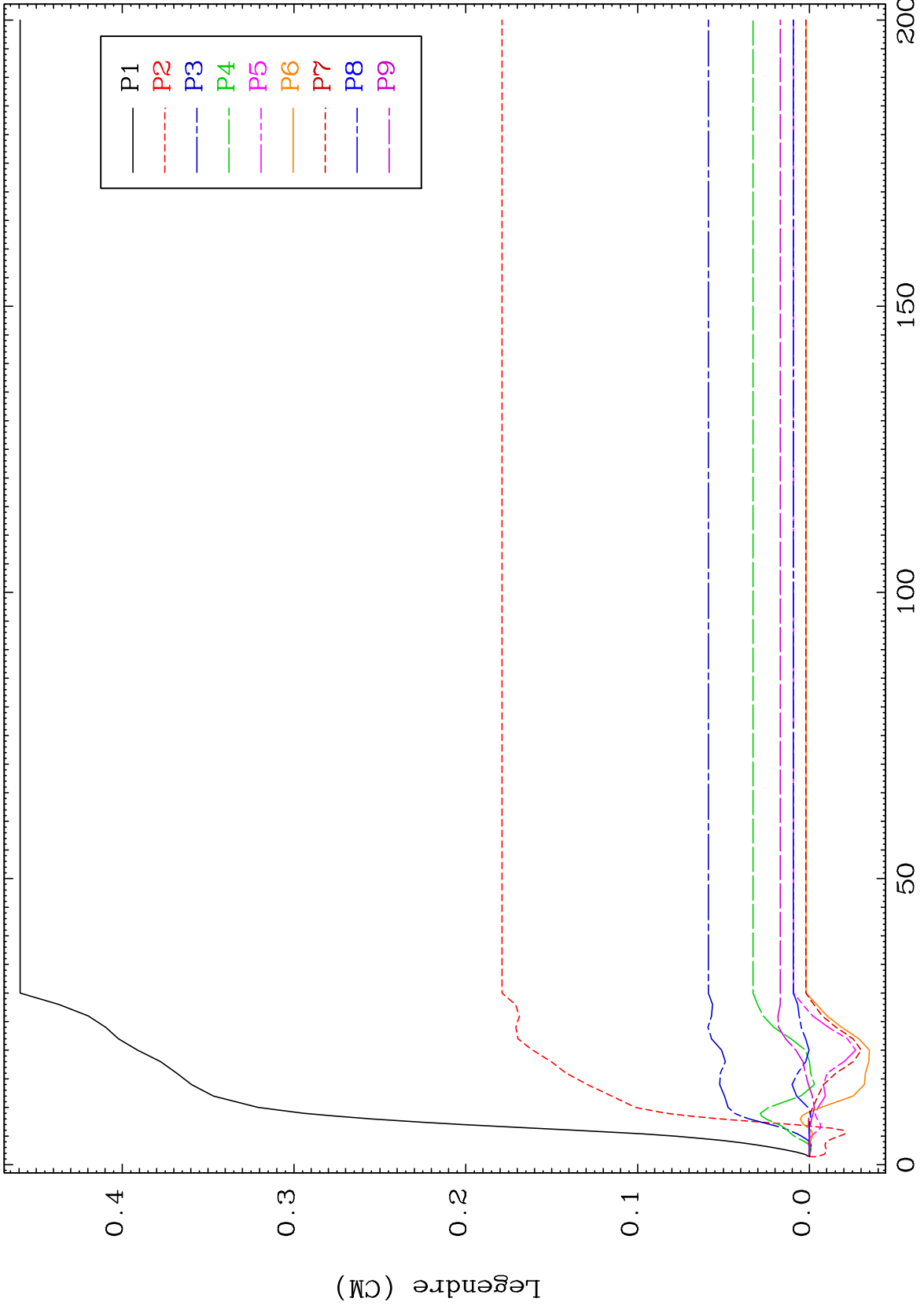
50-Sn-107



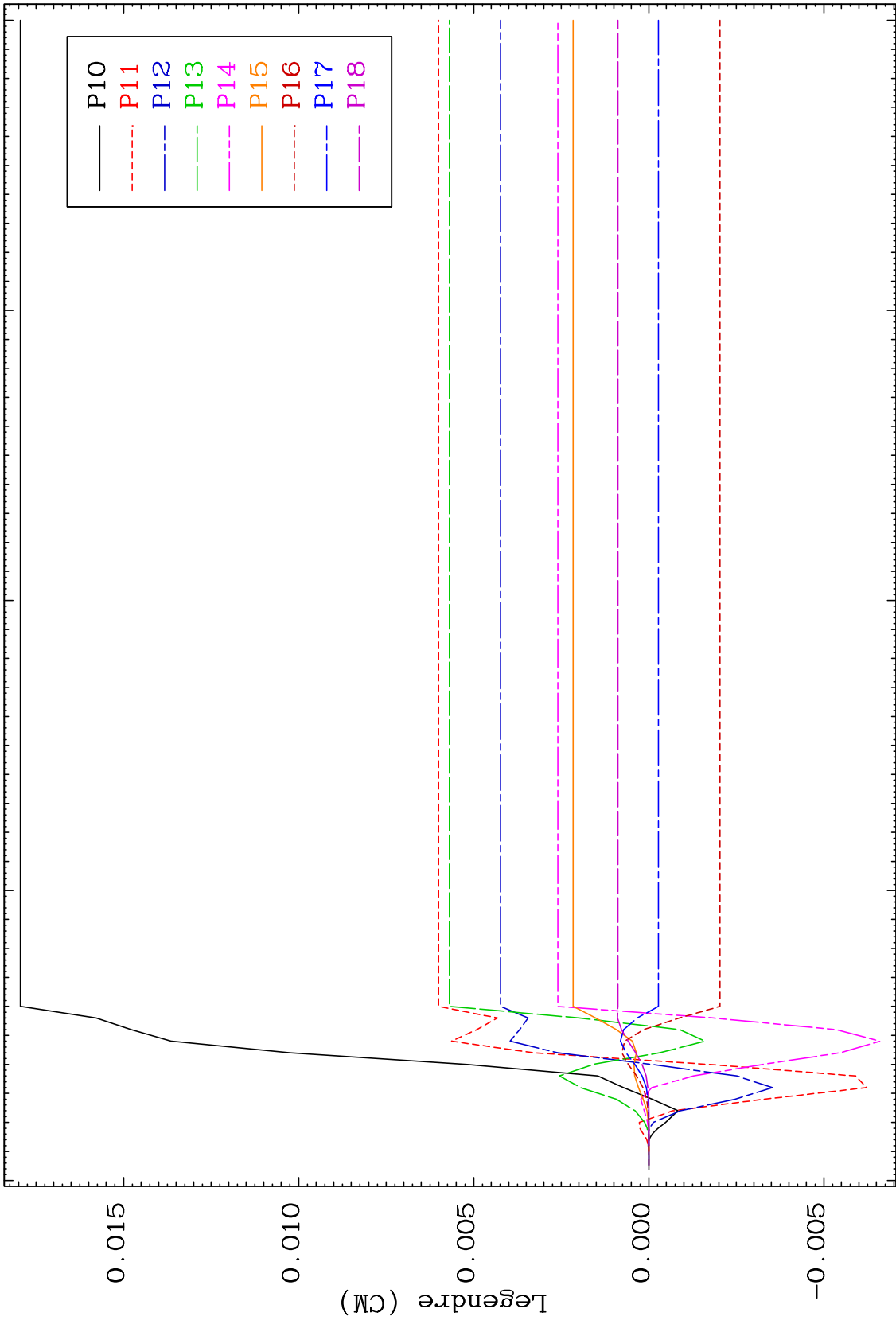
46

50-Sn-107

MAT 5010 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-107



MAT 5010 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-107

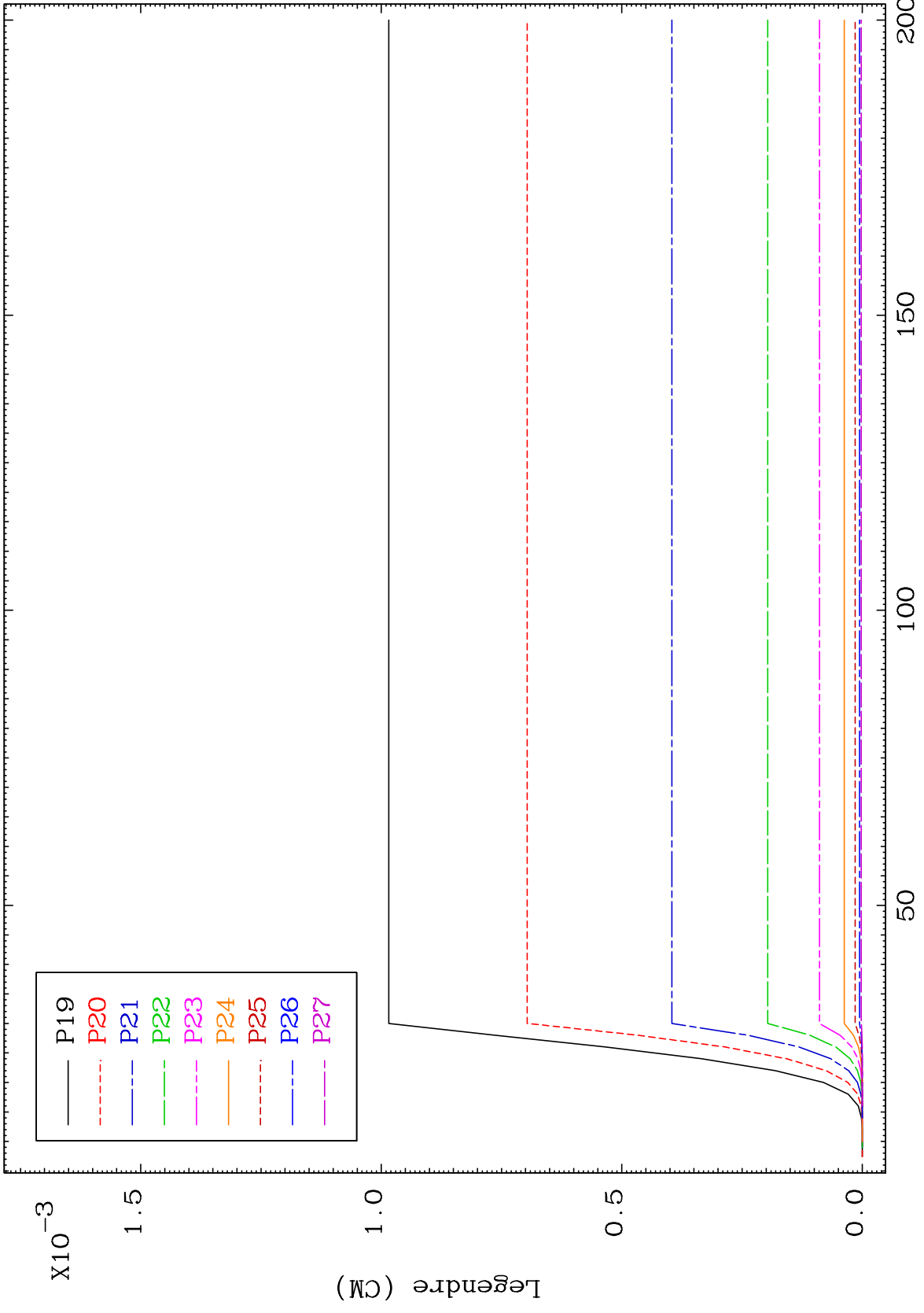


Legendre (CM) Incident Energy (MeV) 50-Sn-107 48

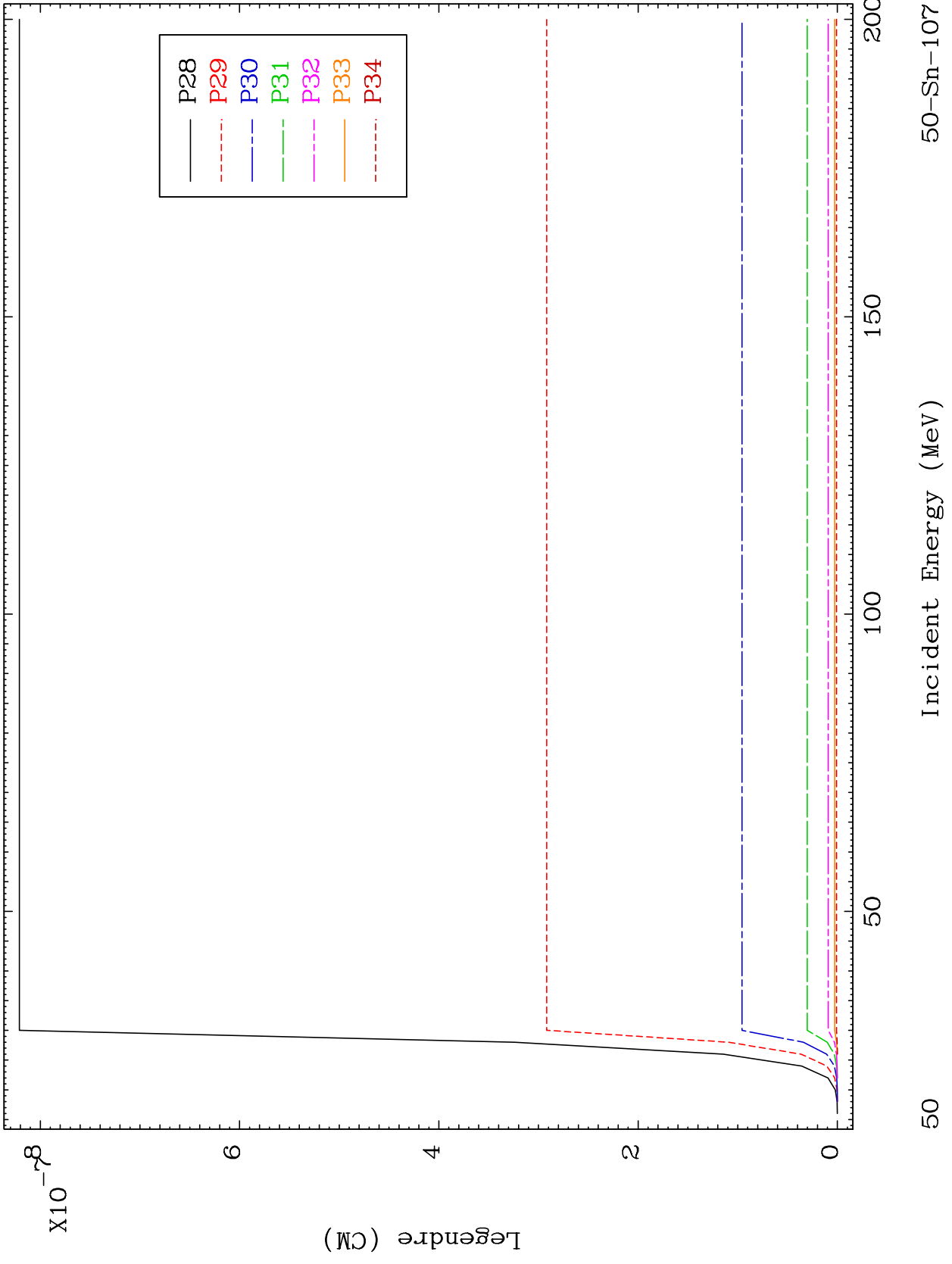
MAT 5010

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

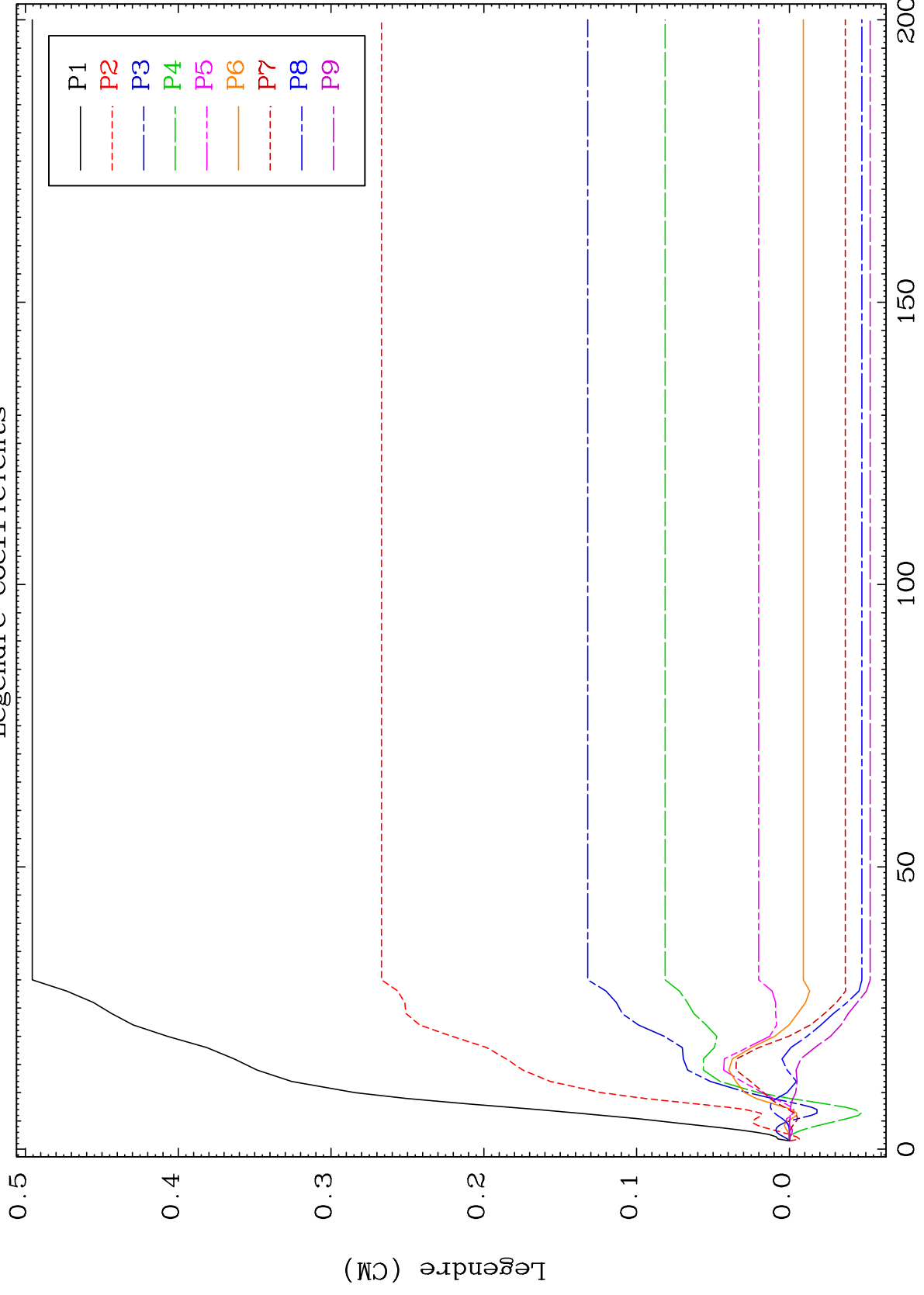
50-Sn-107



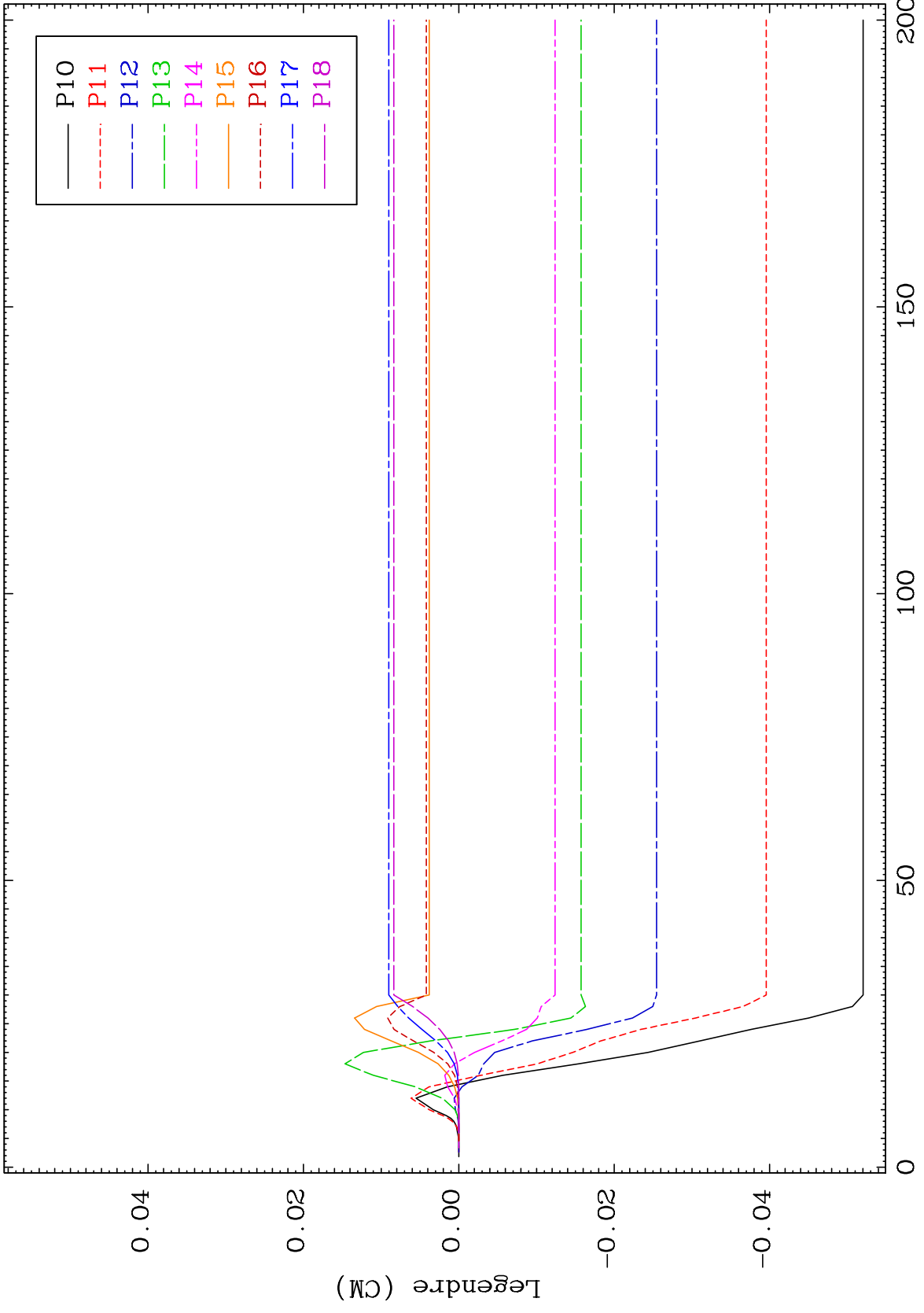
MAT 5010 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-107



MAT 5010 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-107

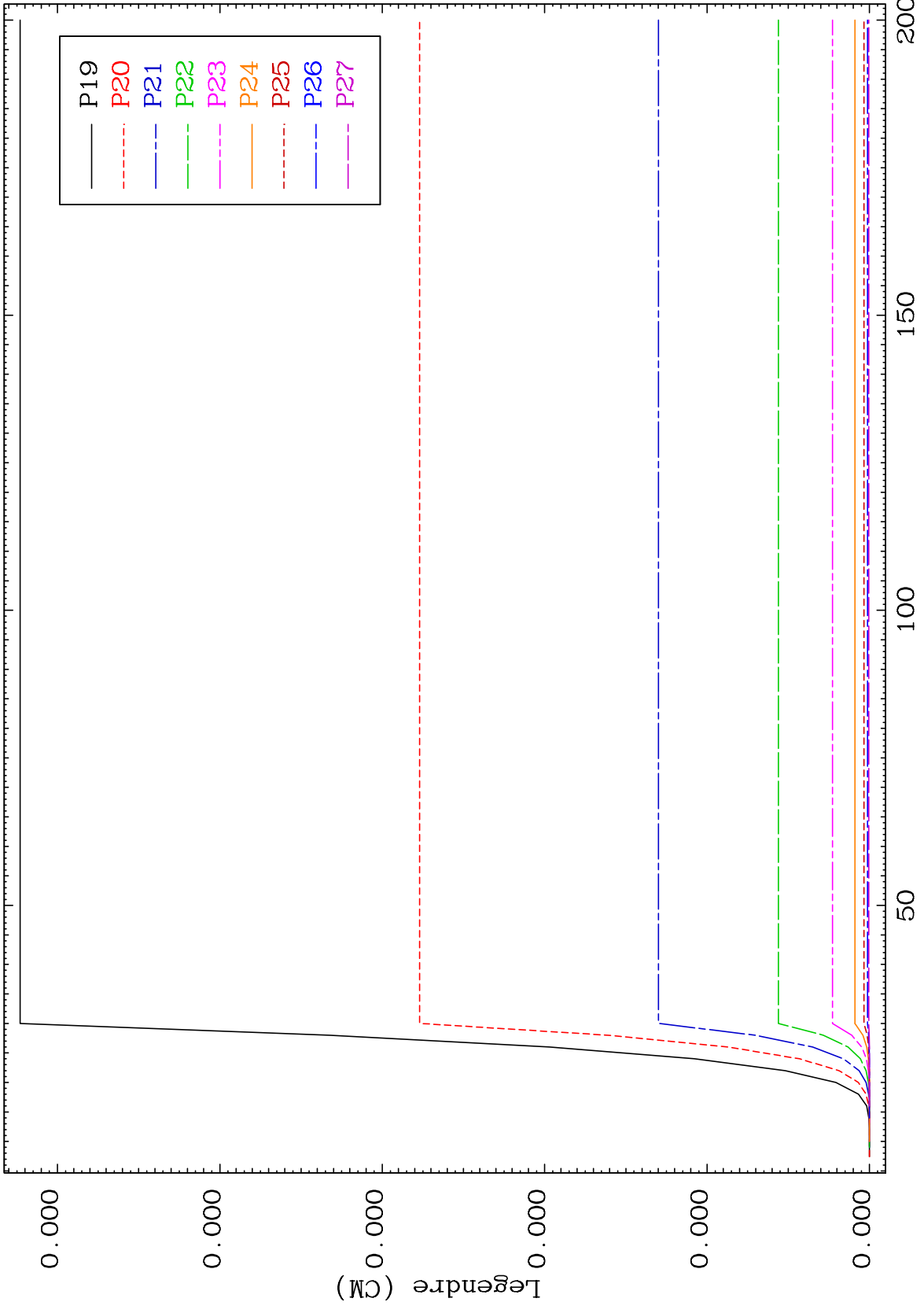


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52 Incident Energy (MeV) 50-Sn-107

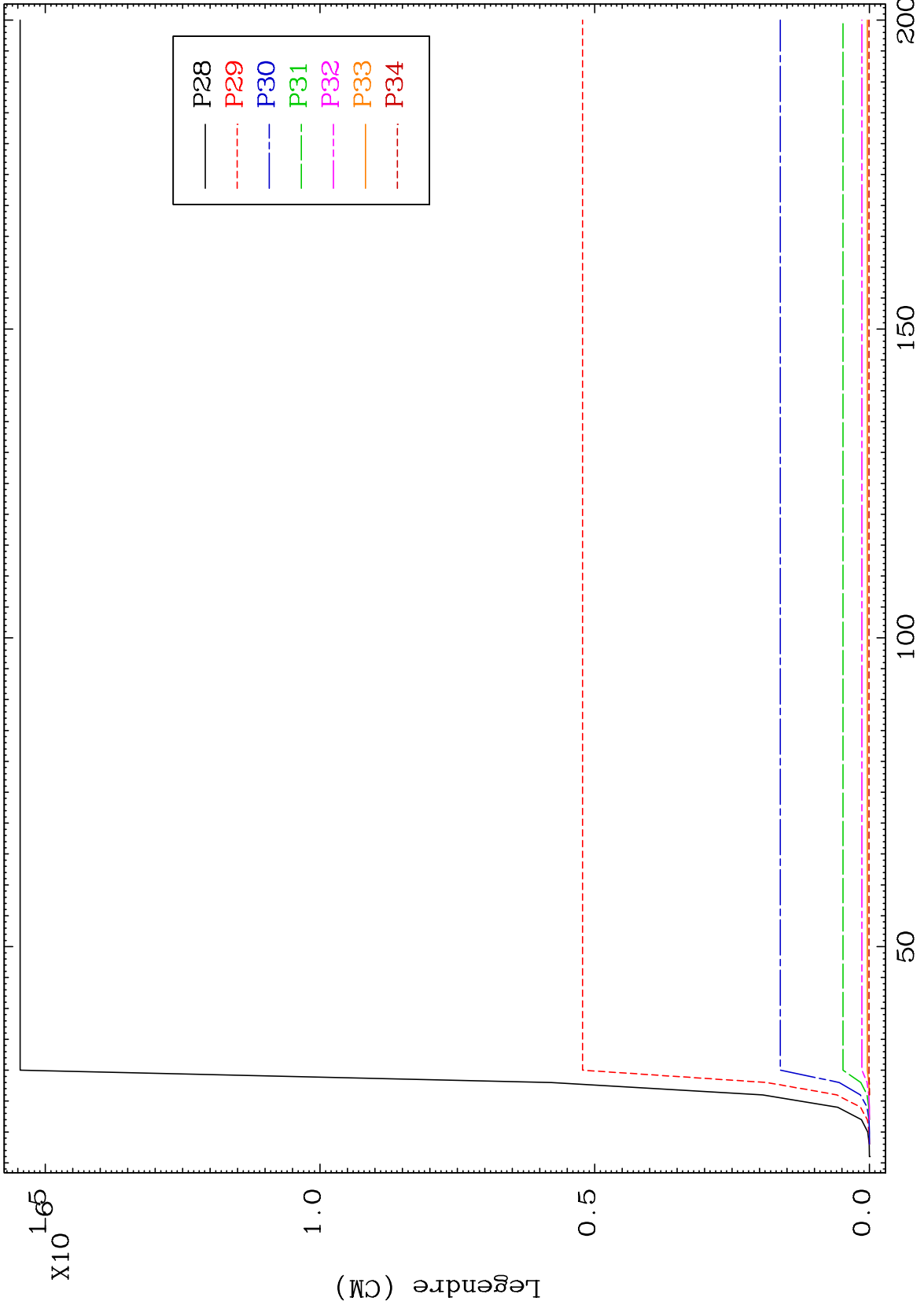
MAT 5010 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-107



MAT 5010

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

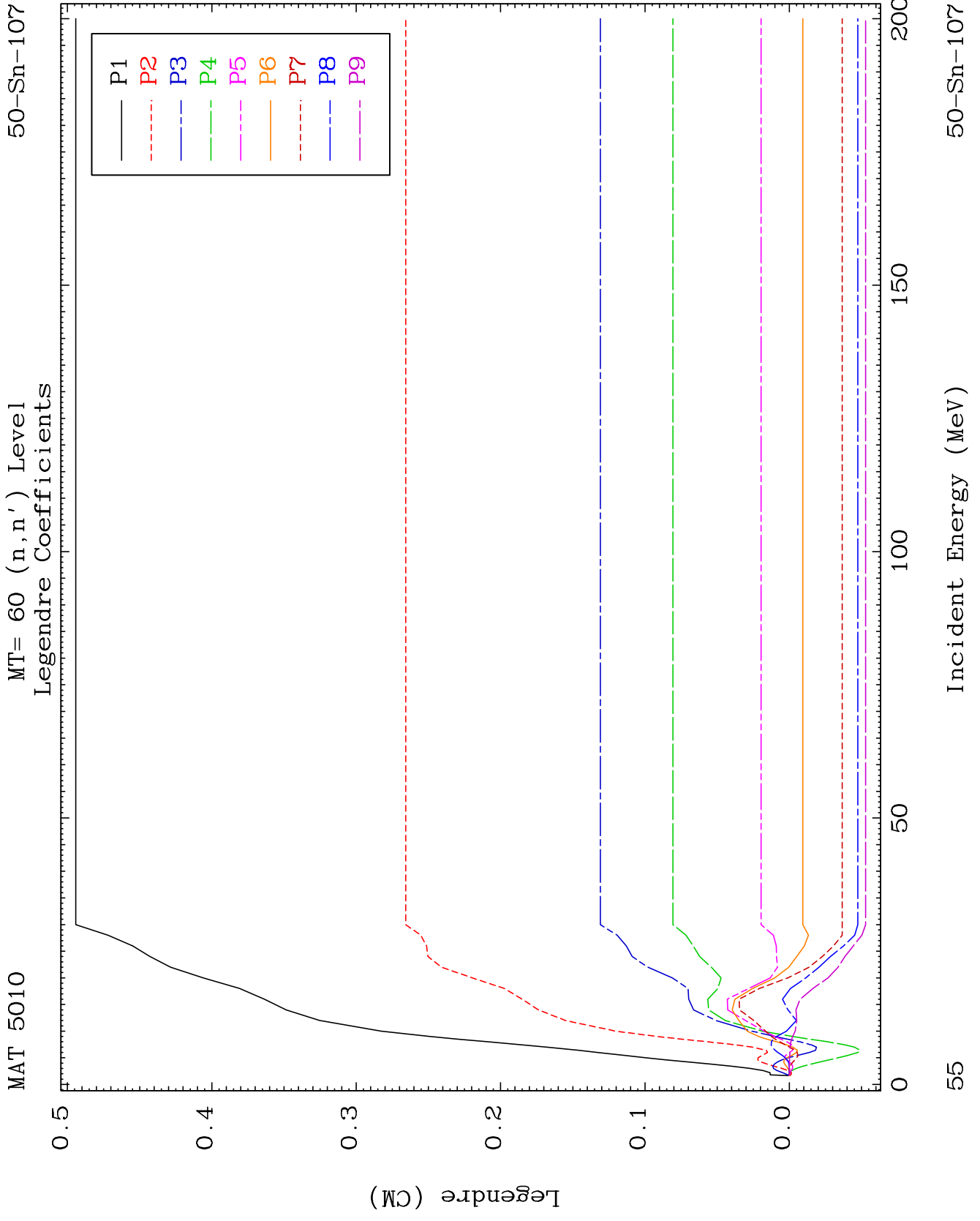
50-Sn-107

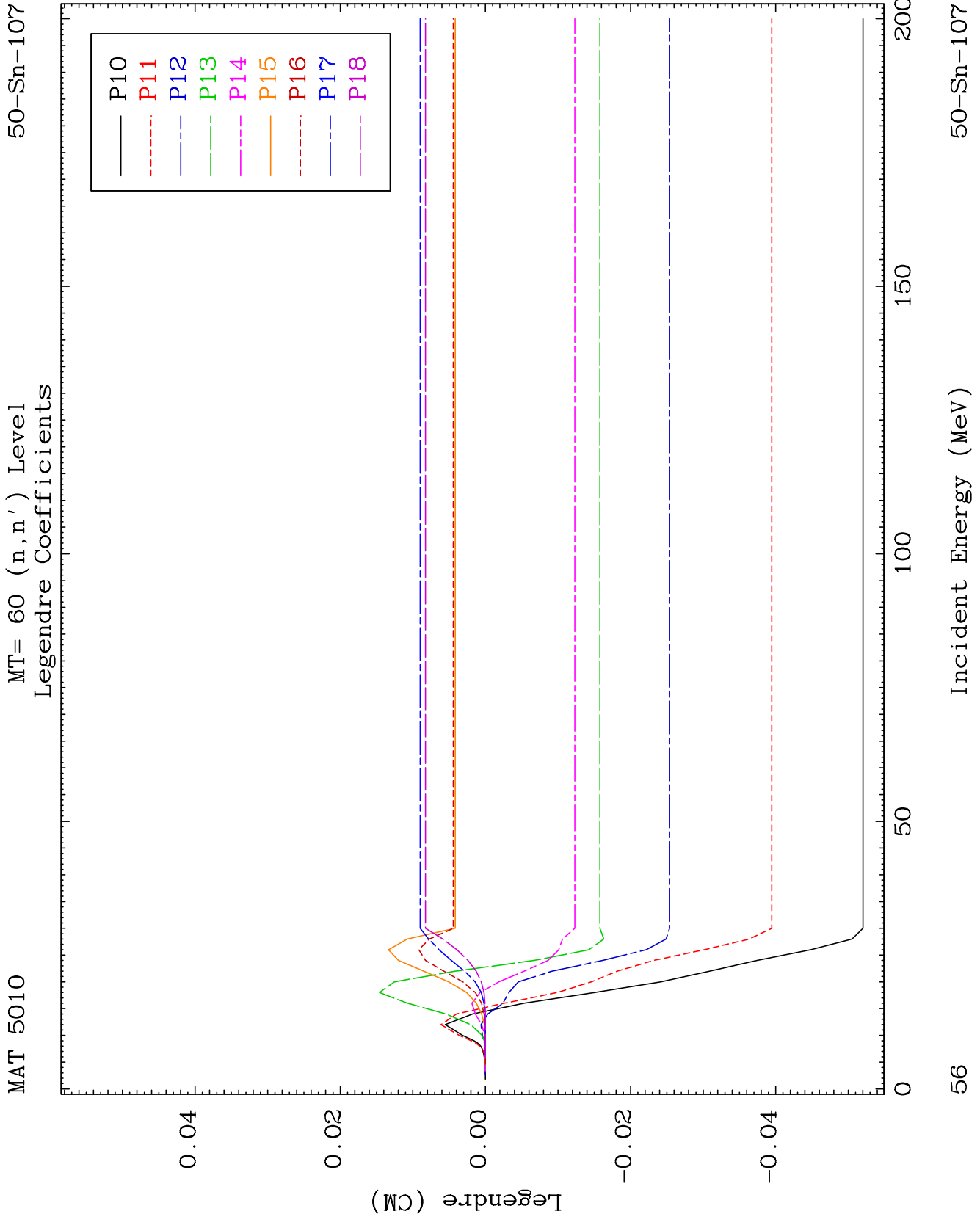


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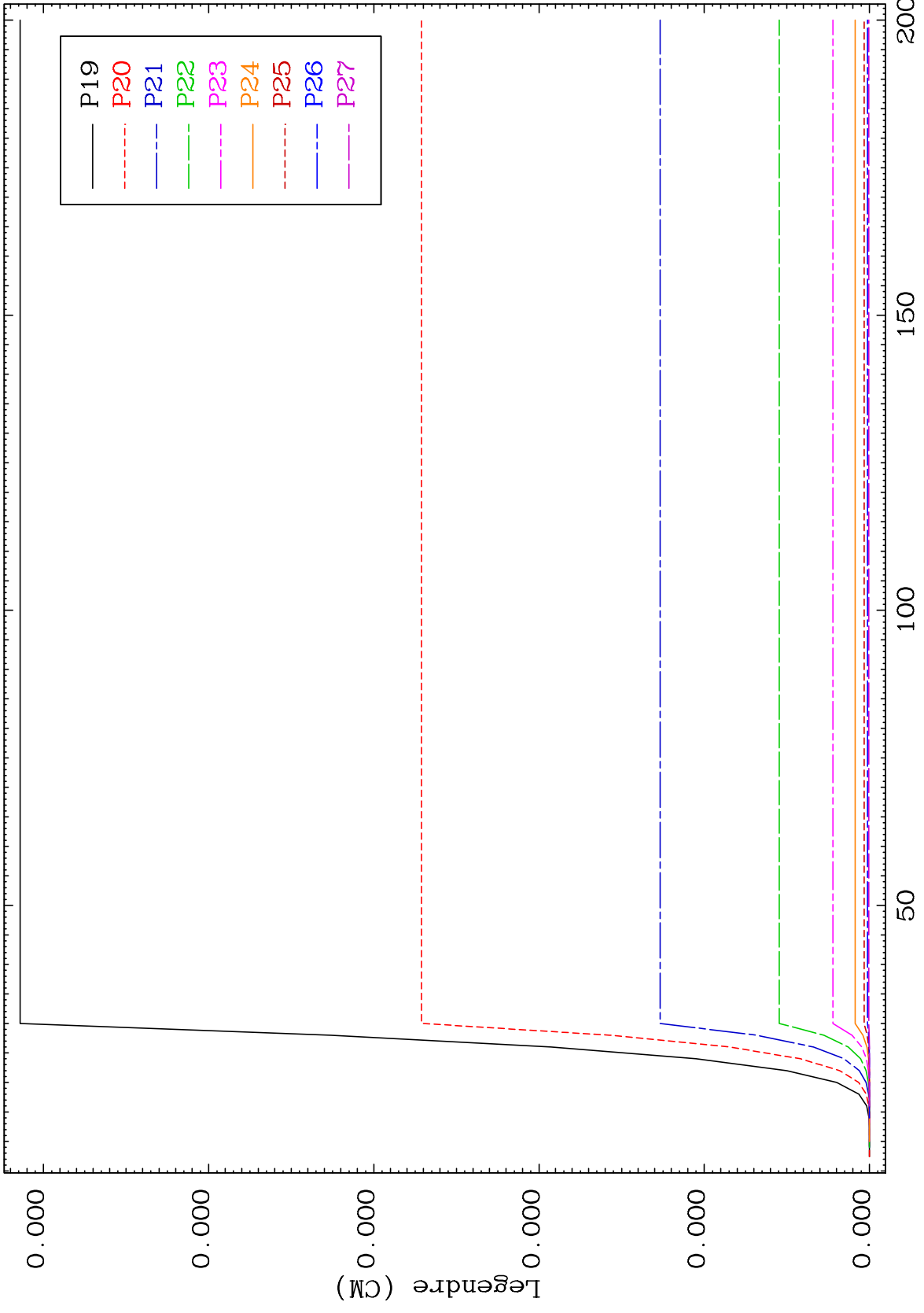
Incident Energy (MeV)

50-Sn-107

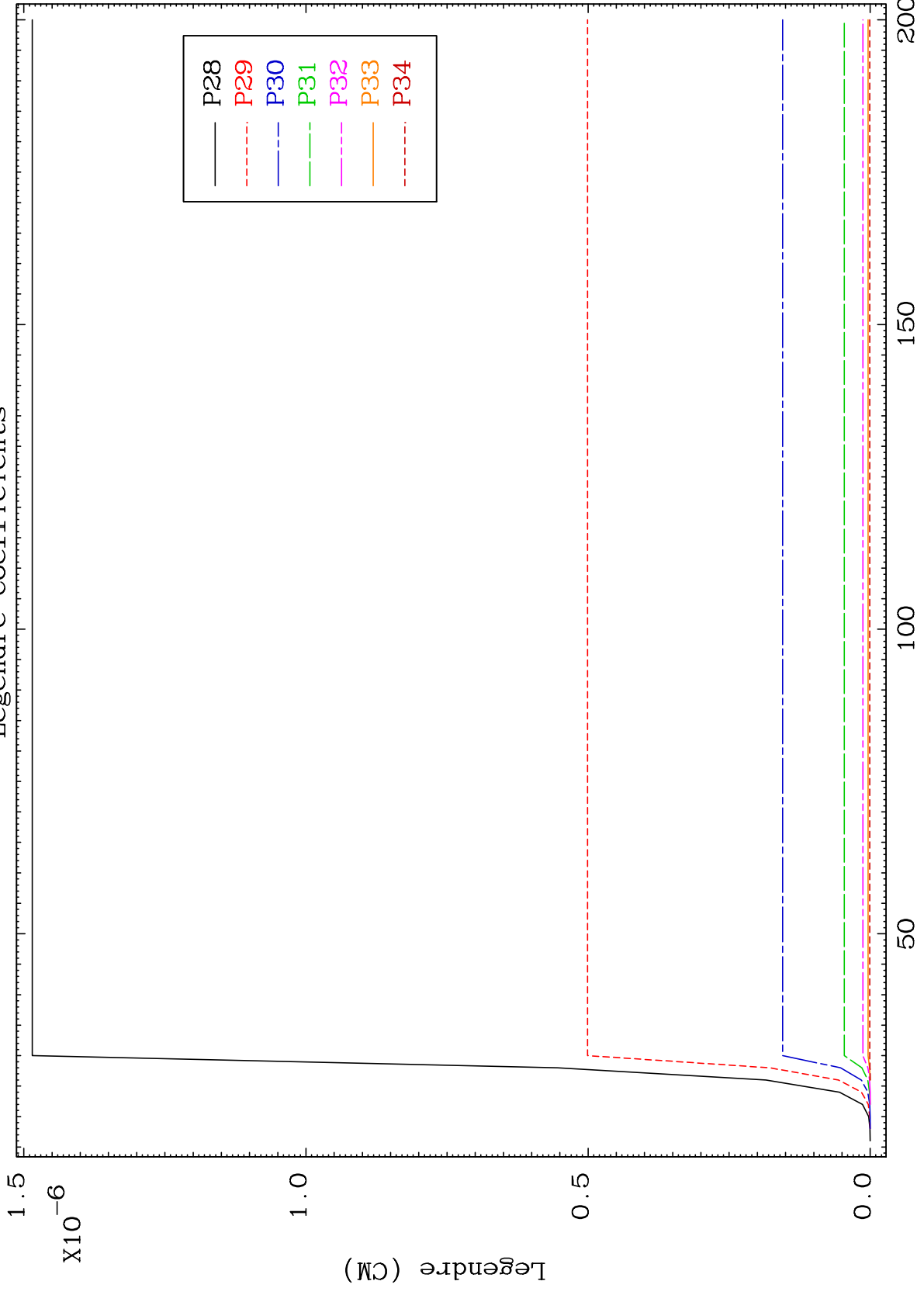




MAT 5010 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-107



MAT 5010 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-107

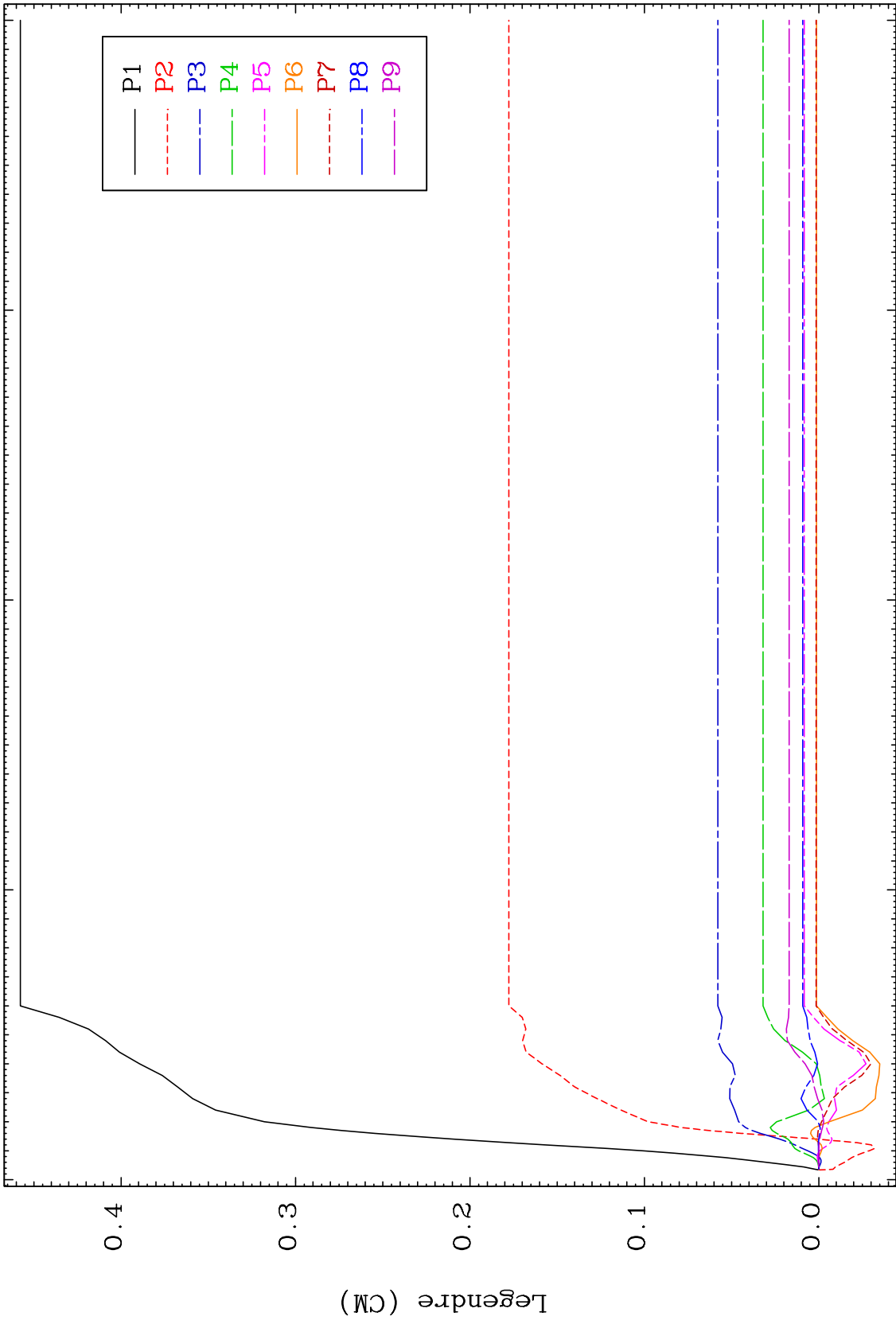


58

Incident Energy (MeV)

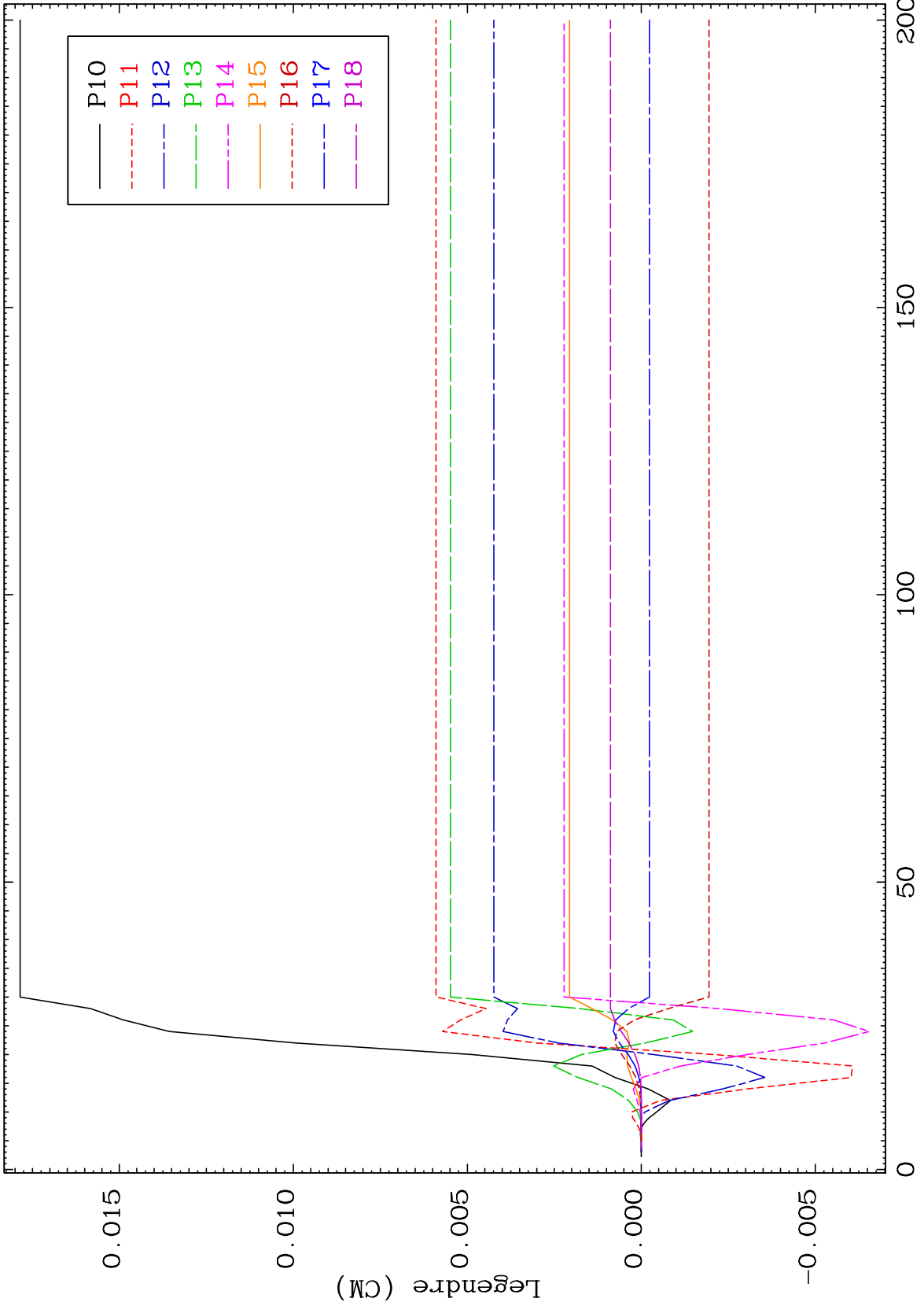
50-Sn-107

MAT 5010 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-107



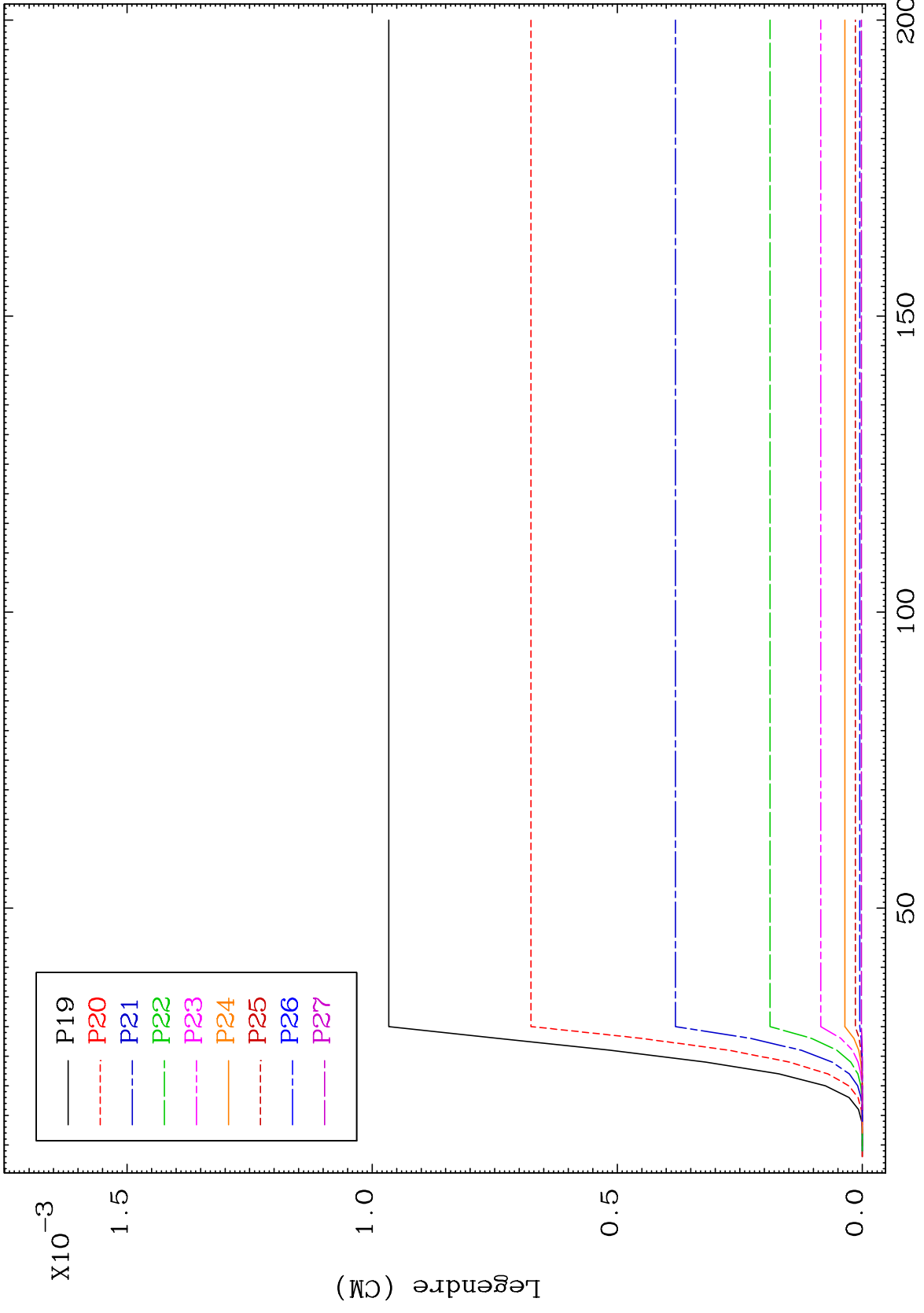
Legendre (CM) Incident Energy (MeV) 59 50-Sn-107

MAT 5010 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-107



Legendre (CM) Incident Energy (MeV) 50-Sn-107

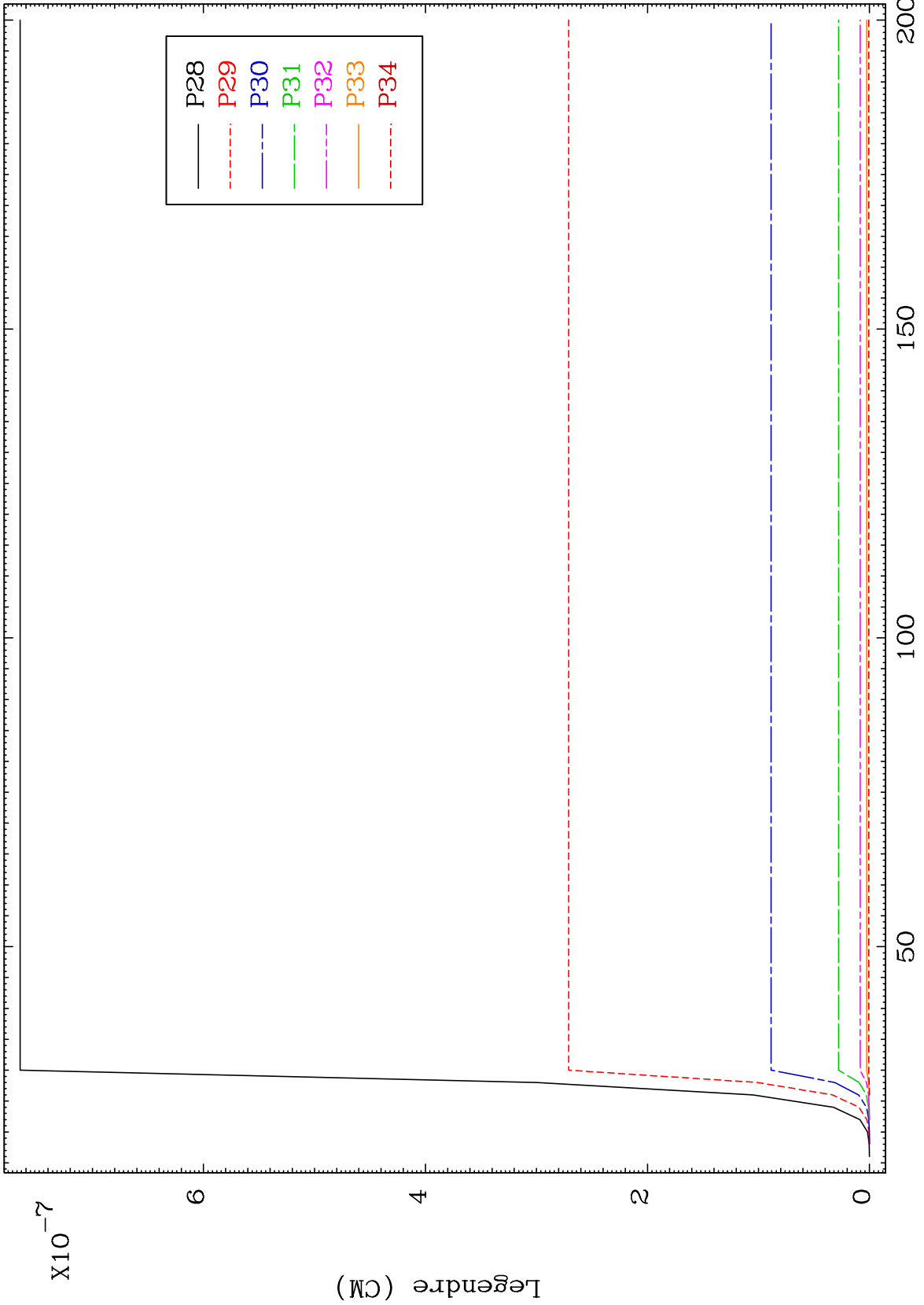
MAT 5010 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-107



MAT 5010

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

50-Sn-107

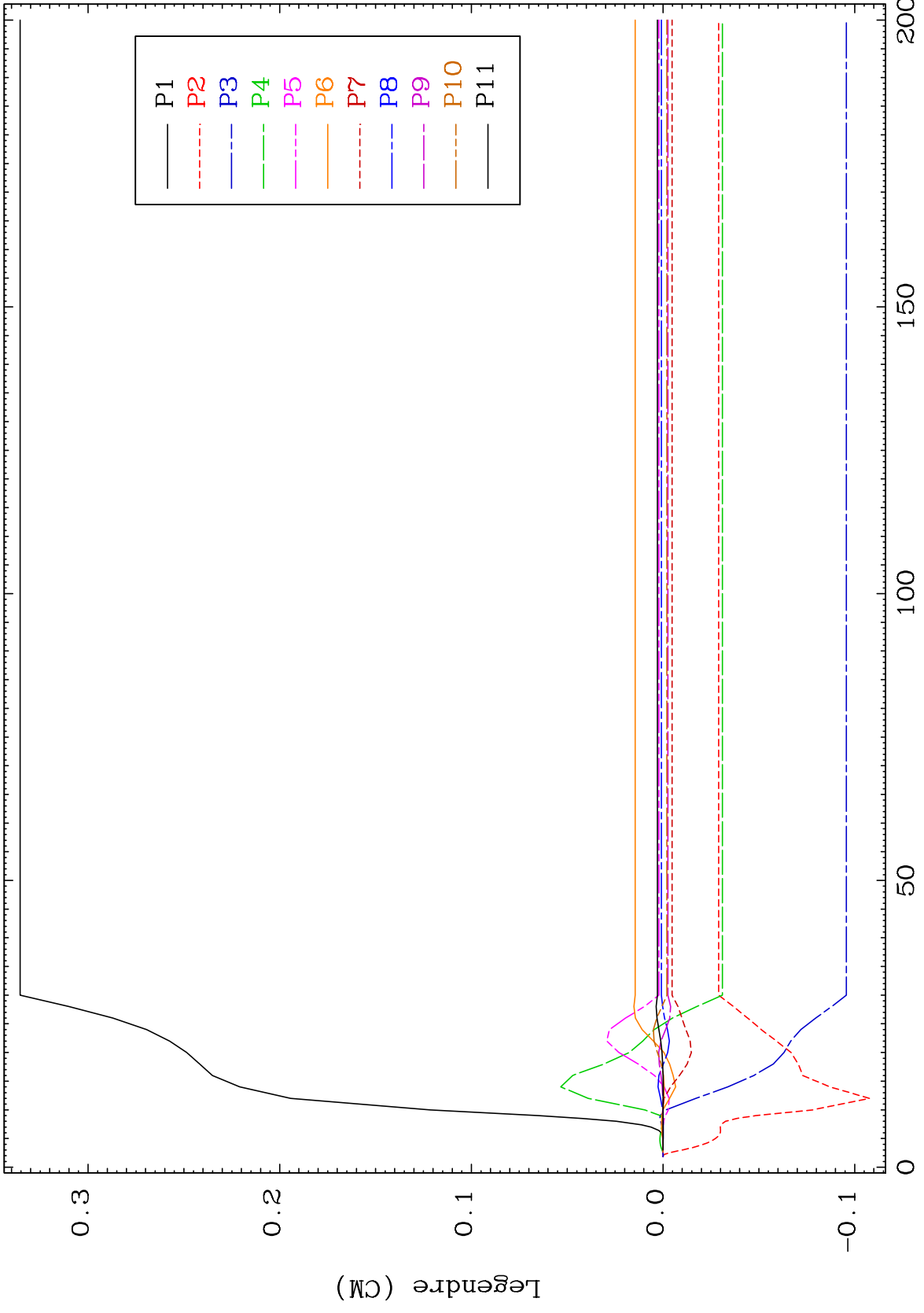


62

Incident Energy (MeV)

50-Sn-107

MAT 5010 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-107

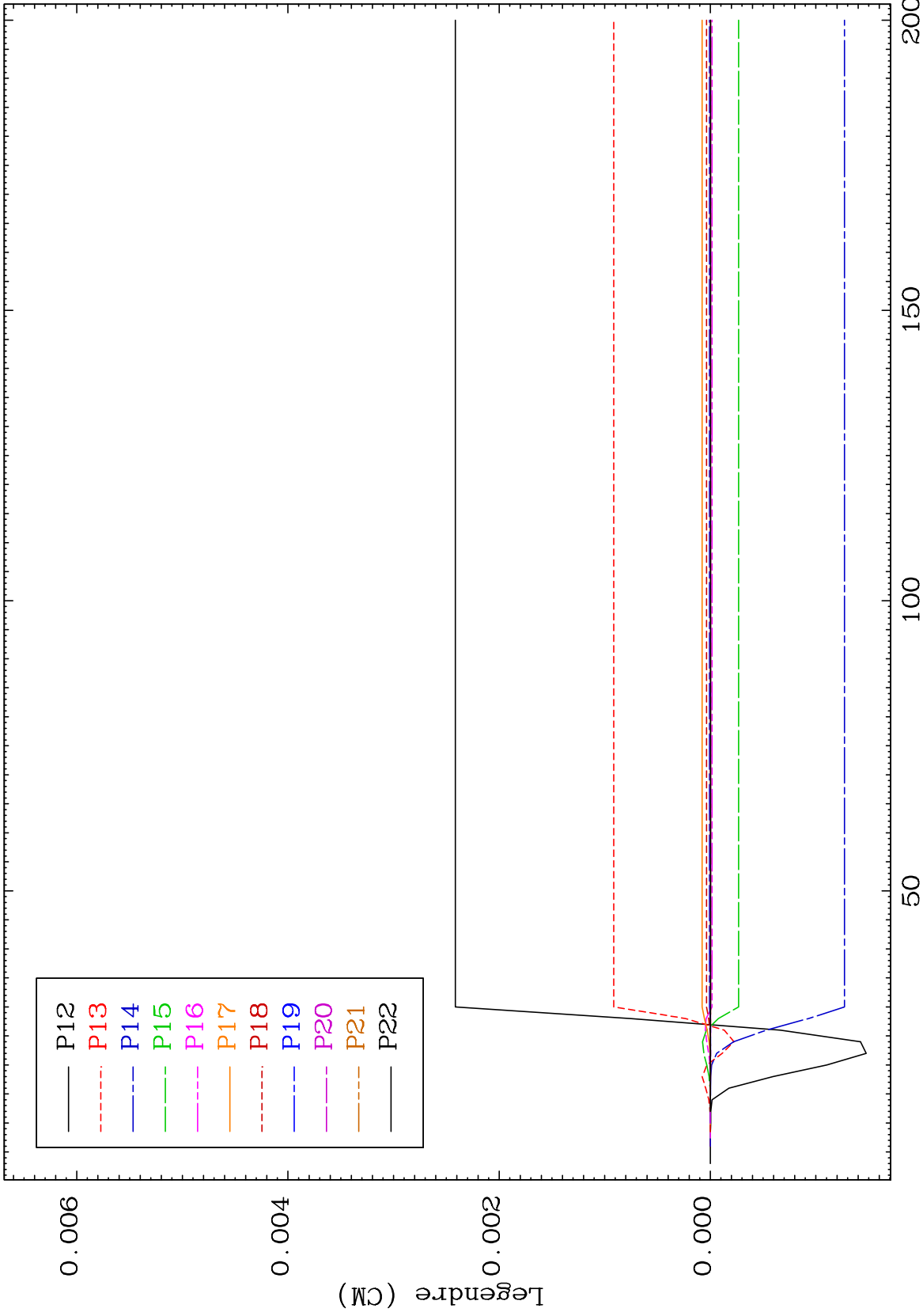


63 Incident Energy (MeV) 50-Sn-107

MAT 5010

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

50-Sn-107

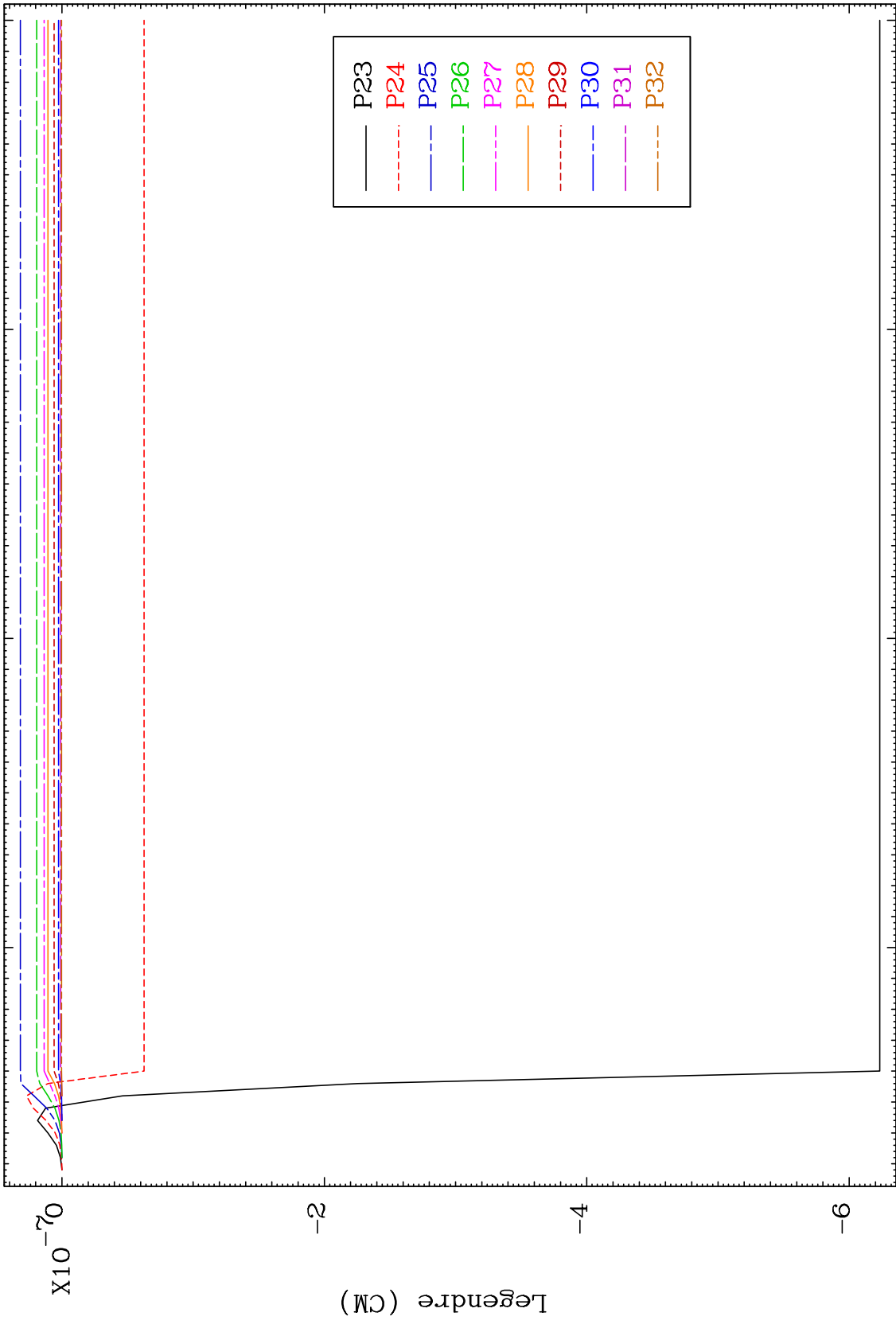


64

Incident Energy (MeV)

50-Sn-107

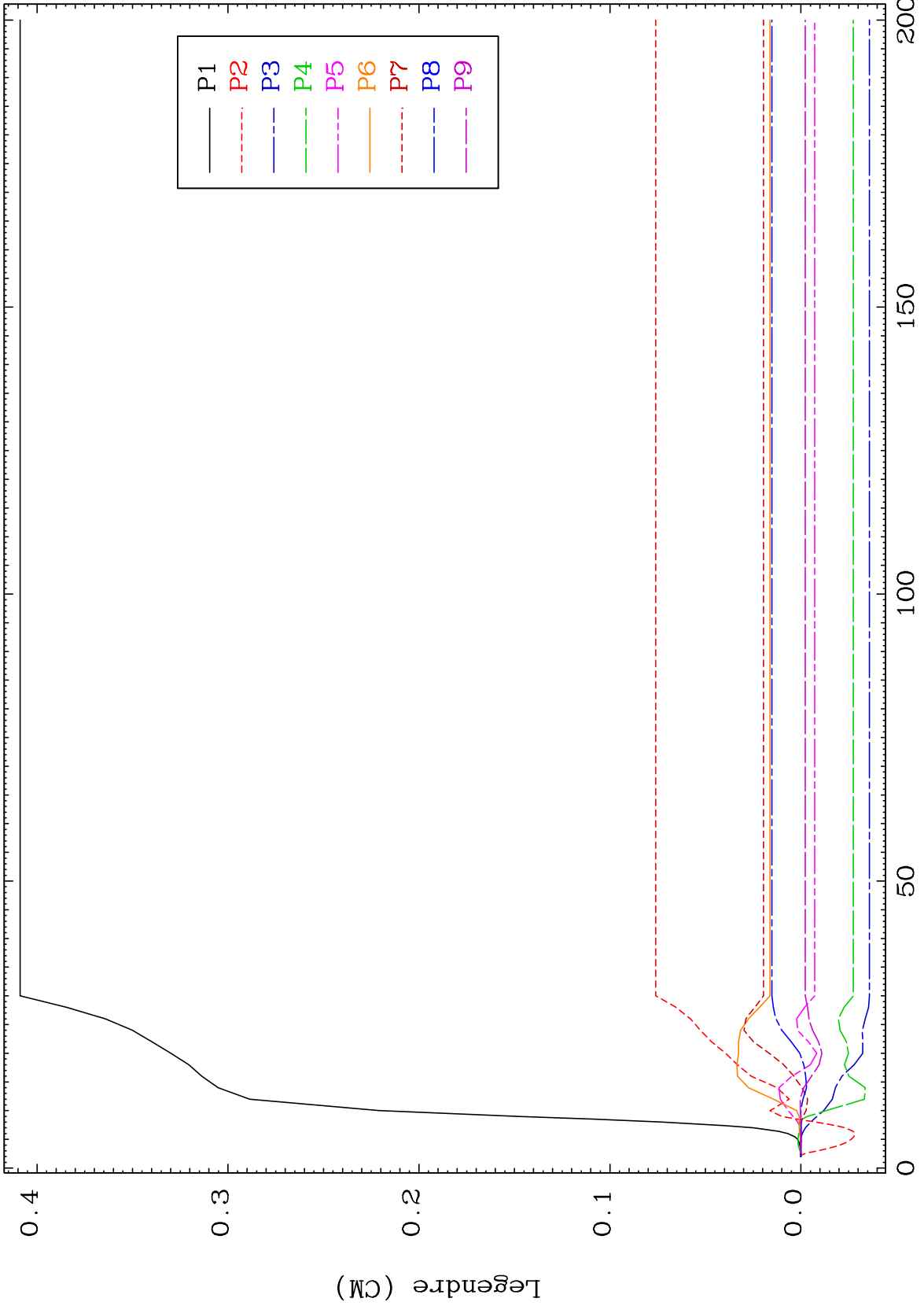
MAT 5010 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-107



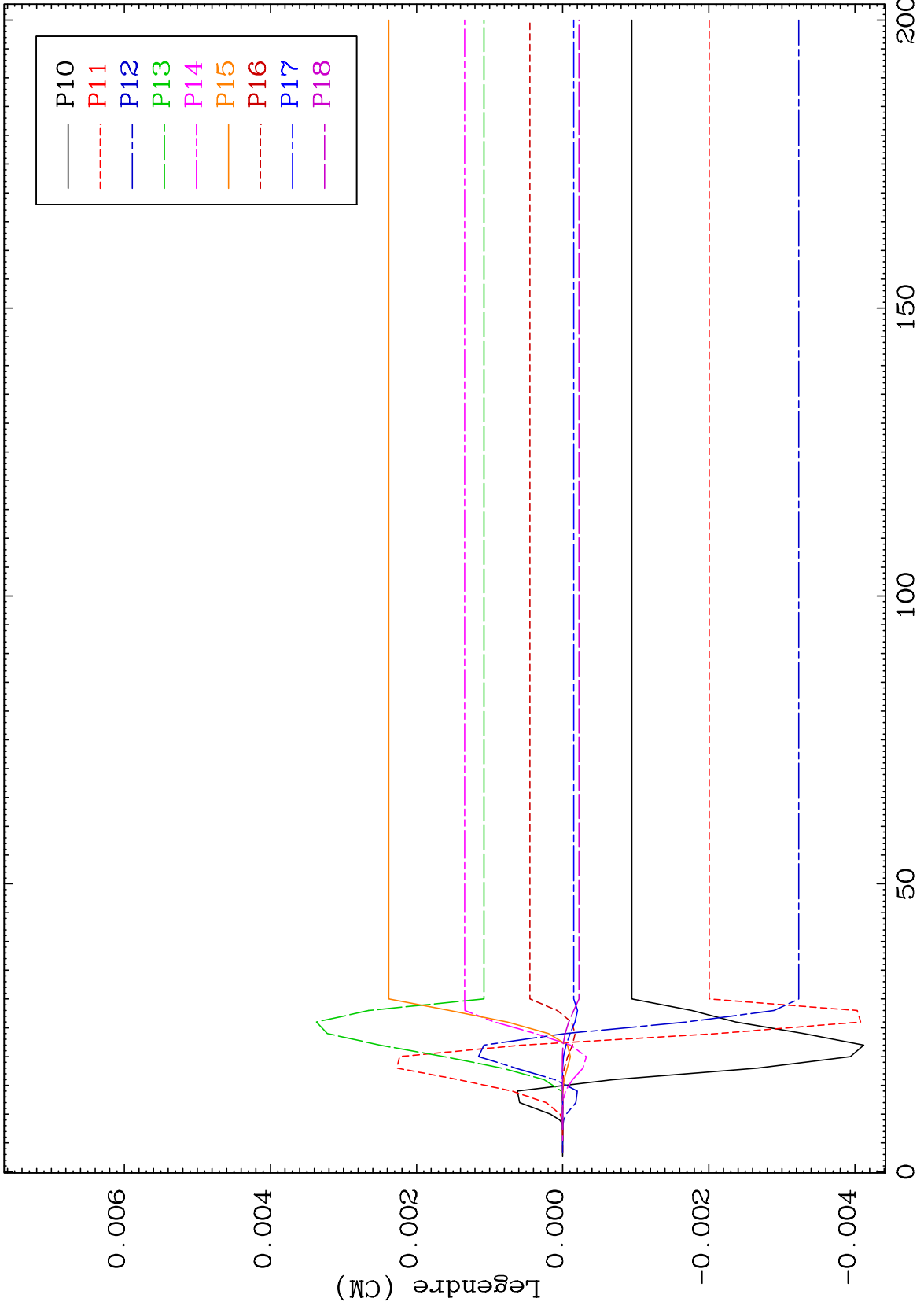
65 50-Sn-107

MAT 5010 MT= 63 (n,n') Level Legendre Coefficients

50-Sn-107

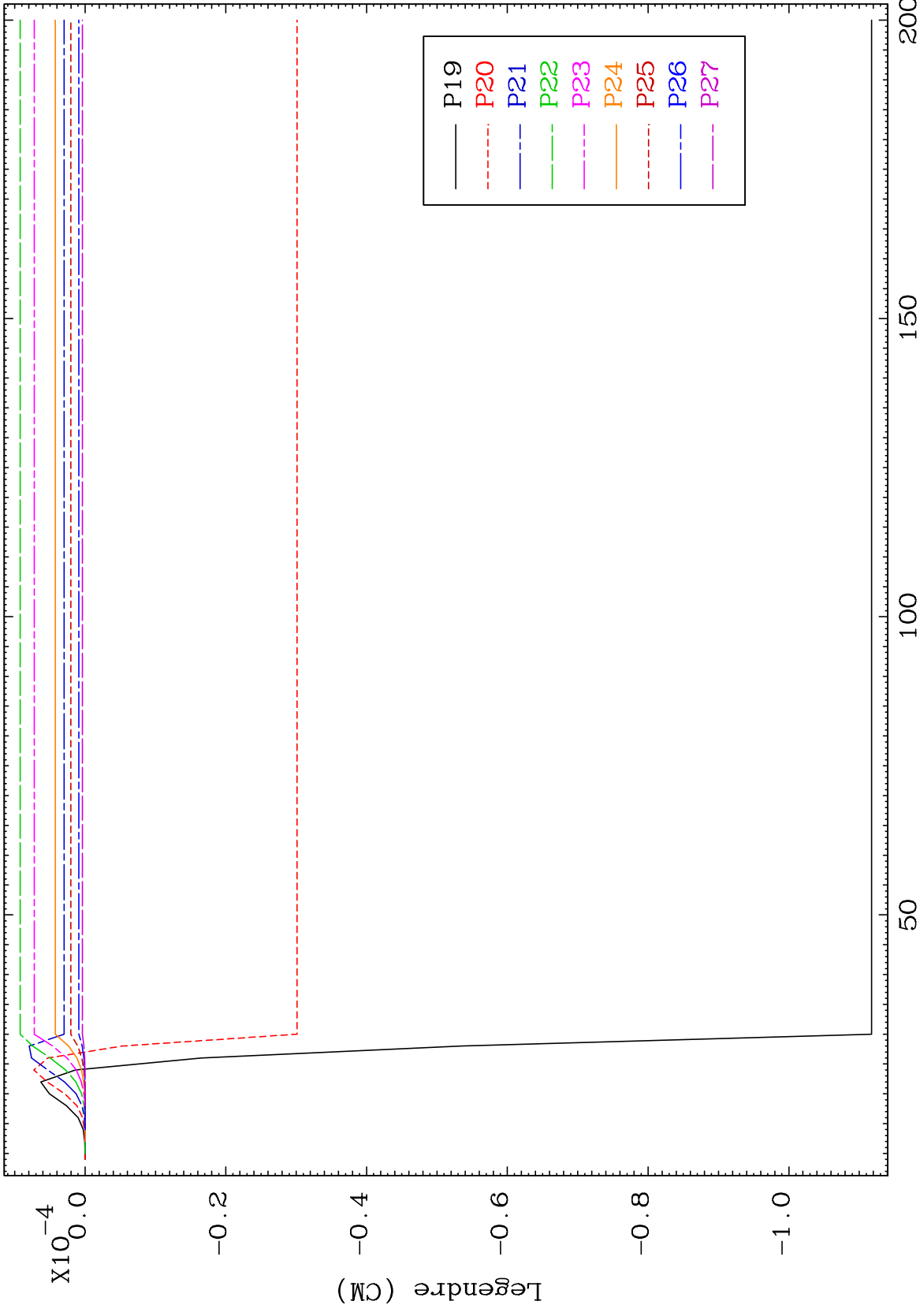


MAT 5010 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-107



67 50-Sn-107

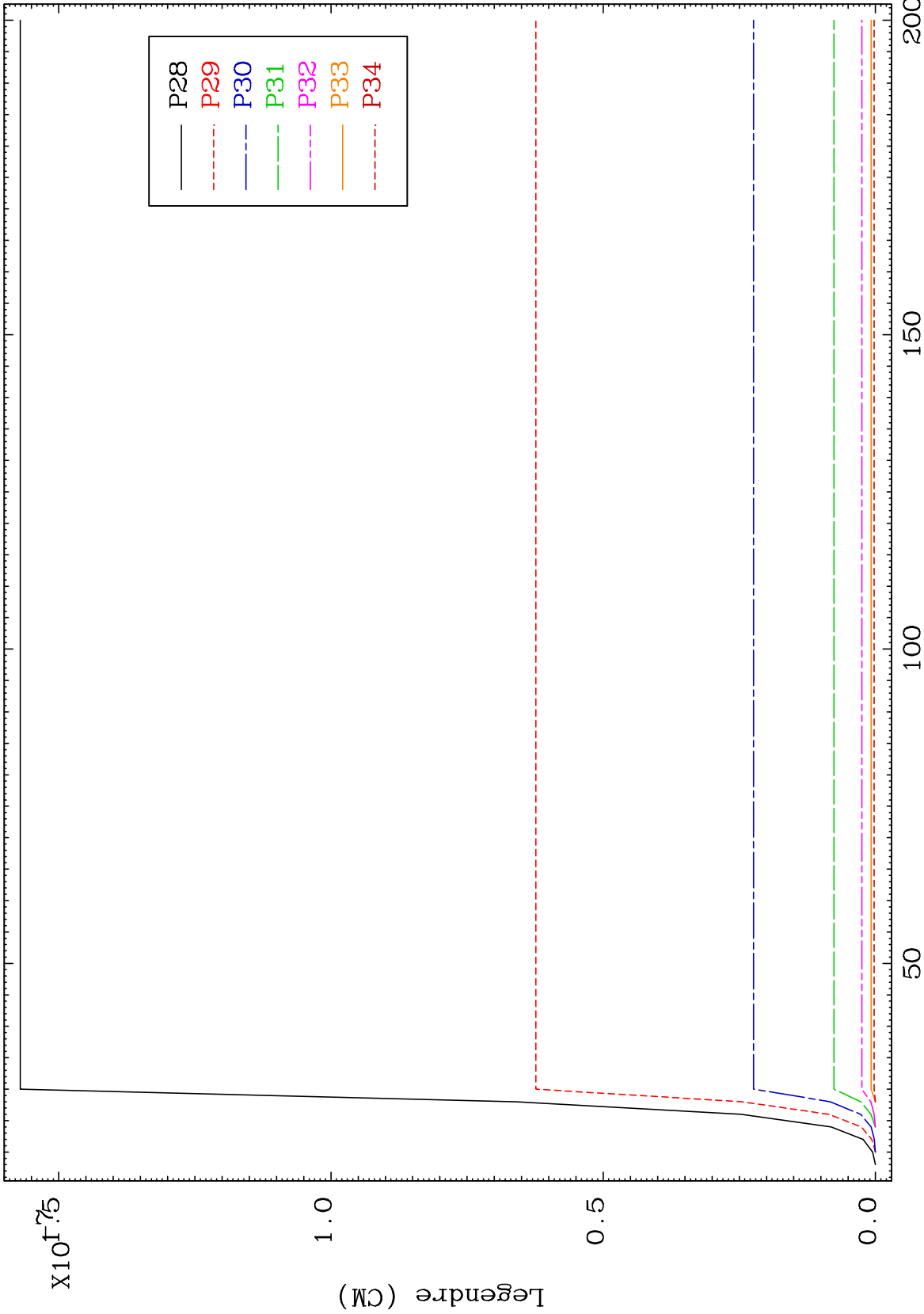
MAT 5010 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-107



MAT 5010

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

50-Sn-107

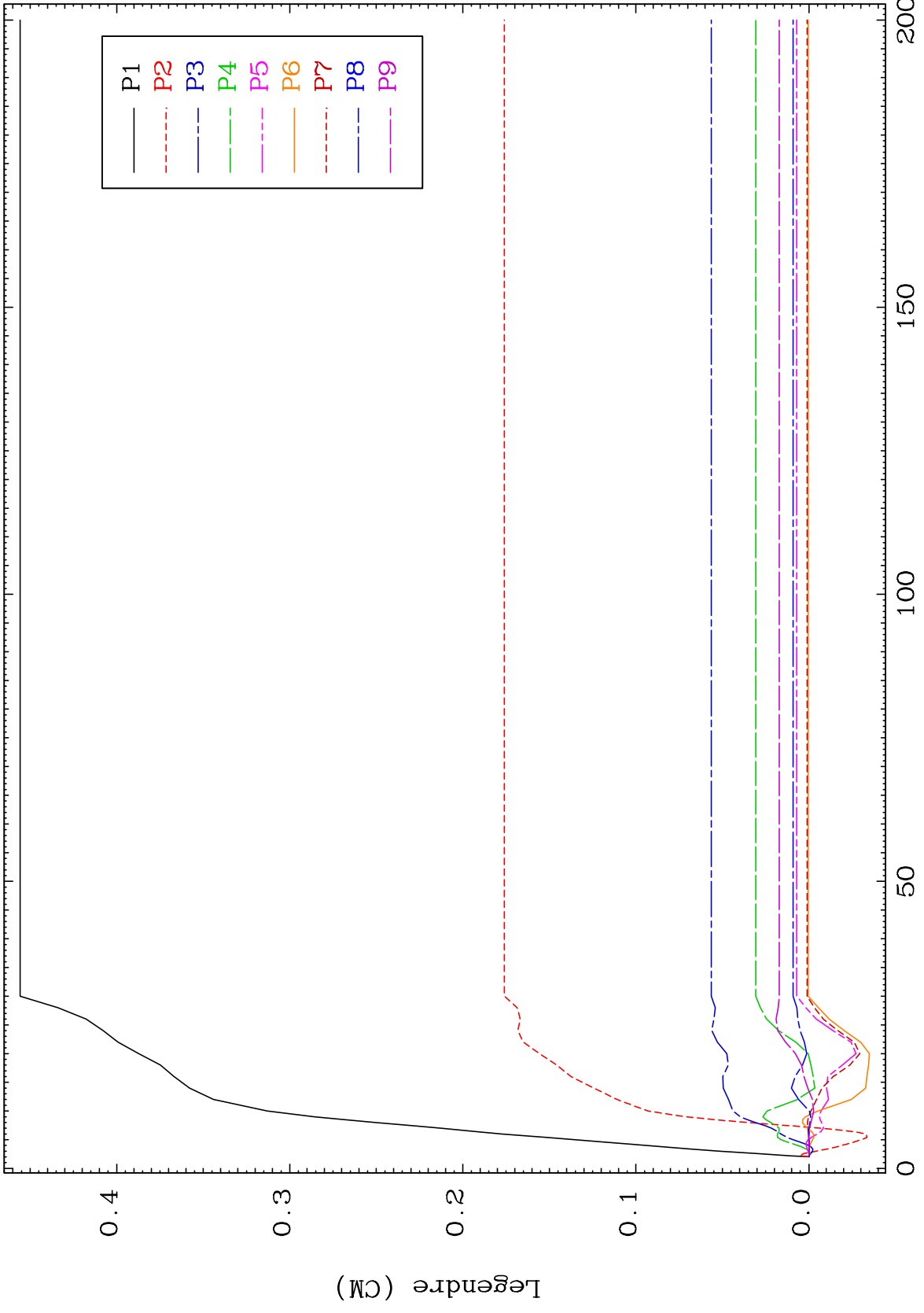


69

Incident Energy (MeV)

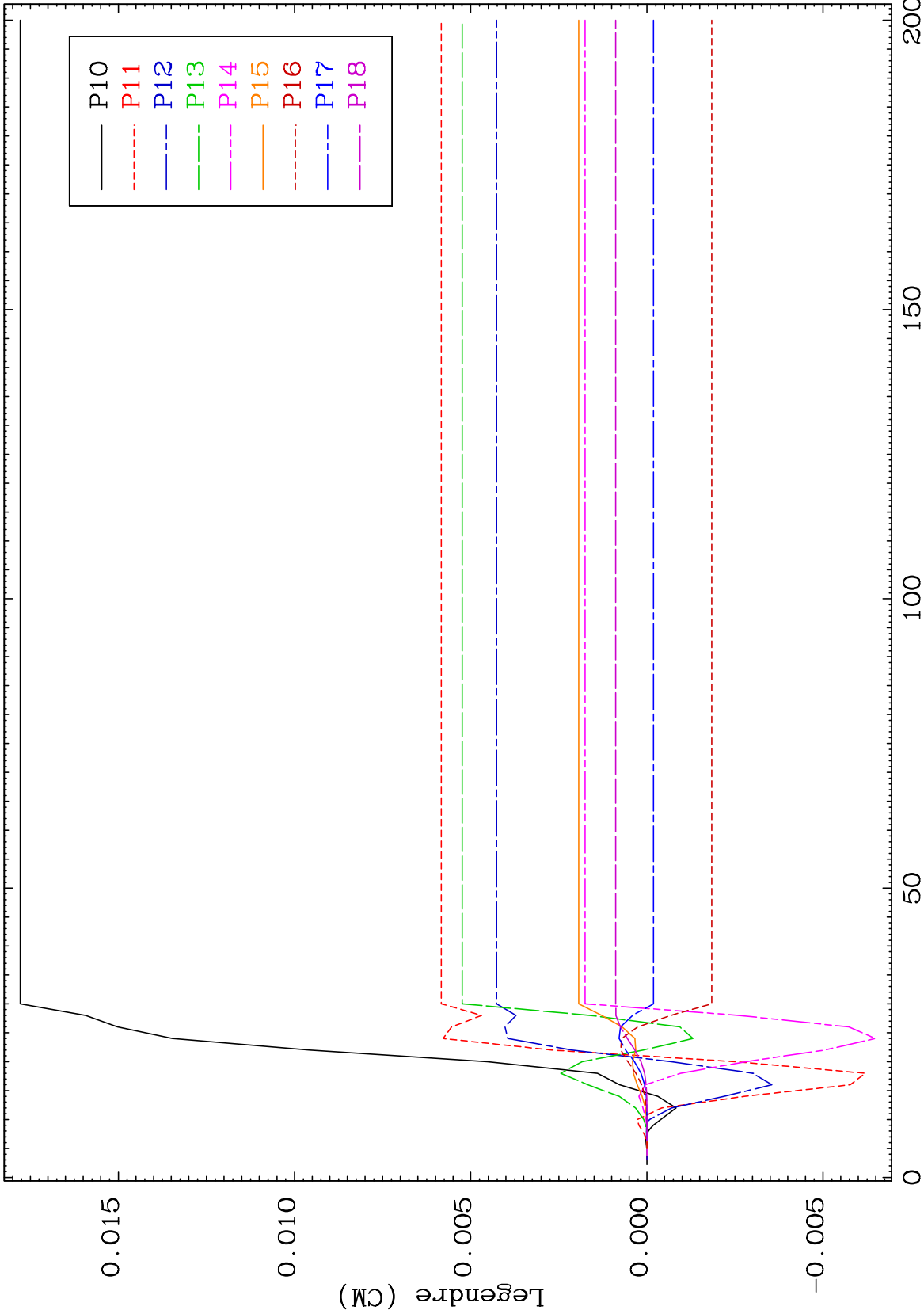
50-Sn-107

MAT 5010 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-107



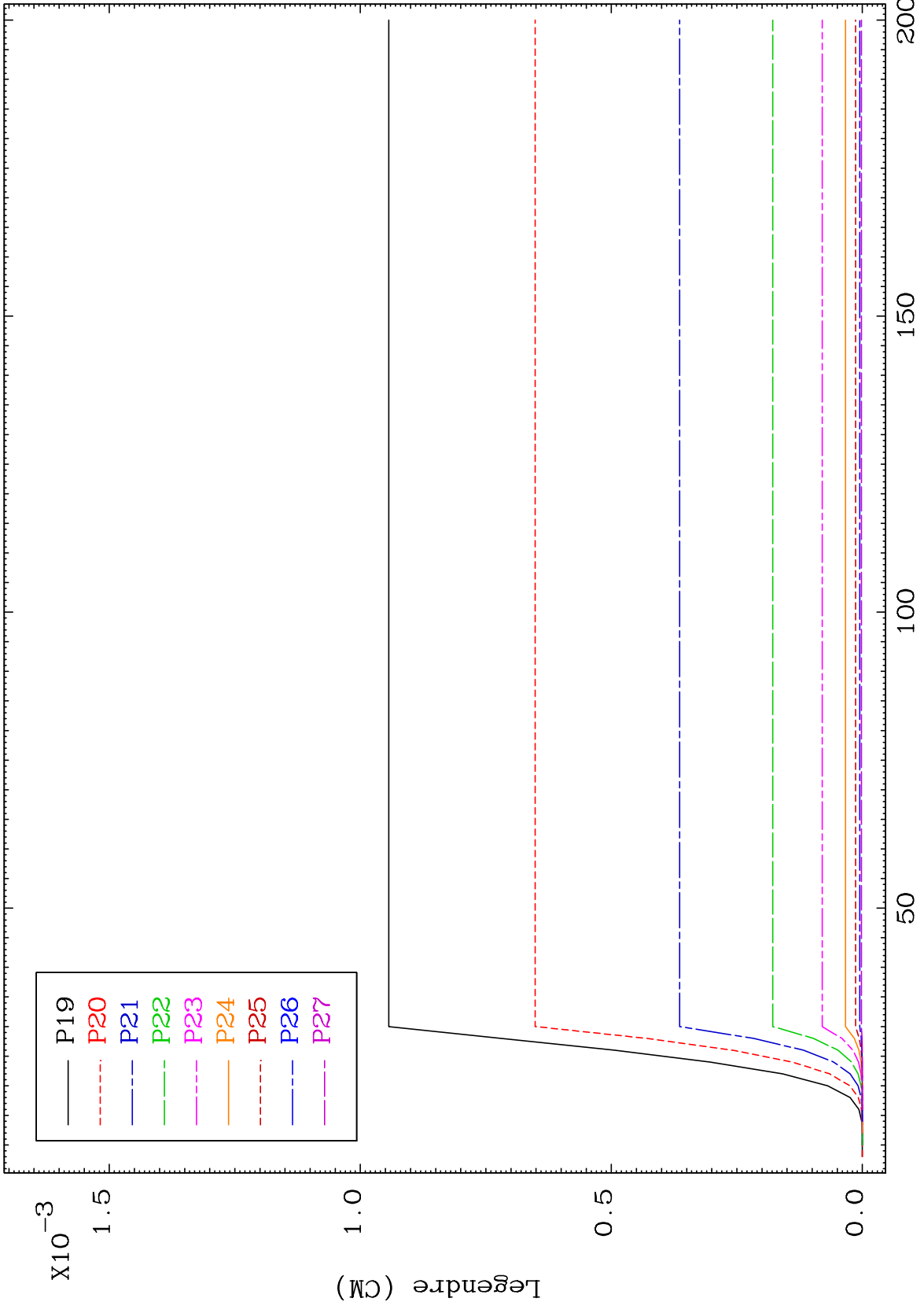
Incident Energy (MeV) 50-Sn-107

MAT 5010 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-107



71 Incident Energy (MeV) 50-Sn-107

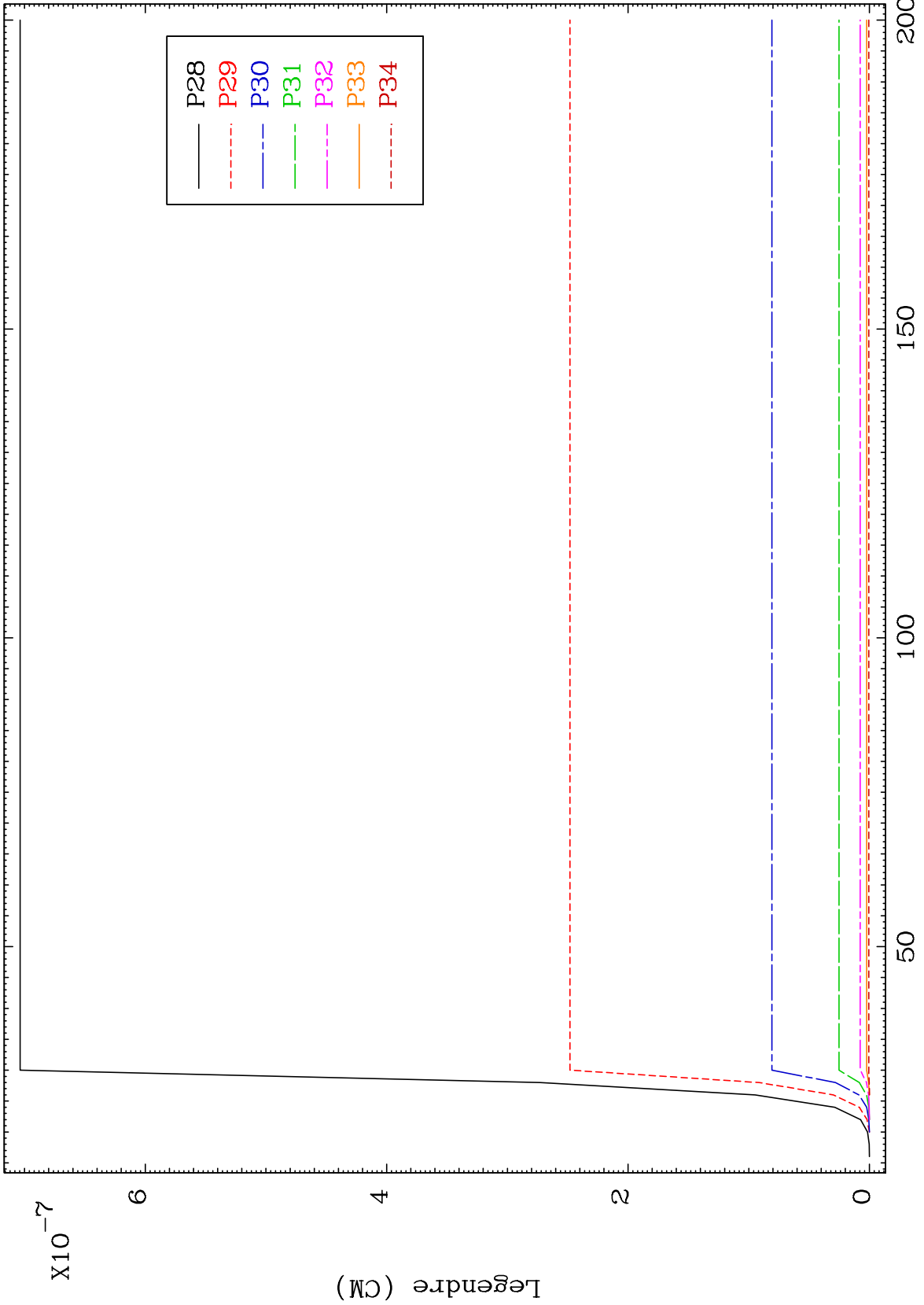
MAT 5010 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-107



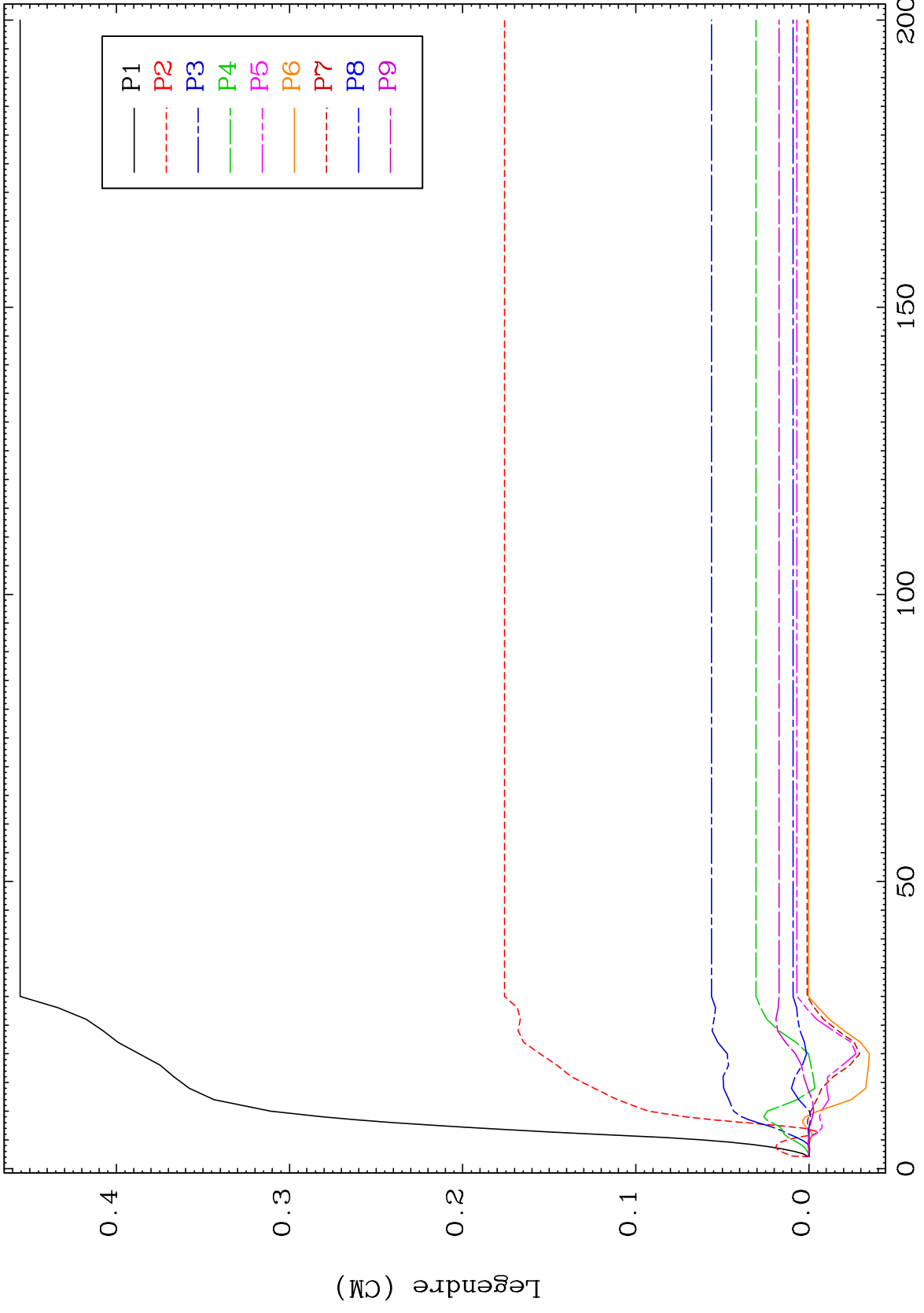
MAT 5010

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

50-Sn-107

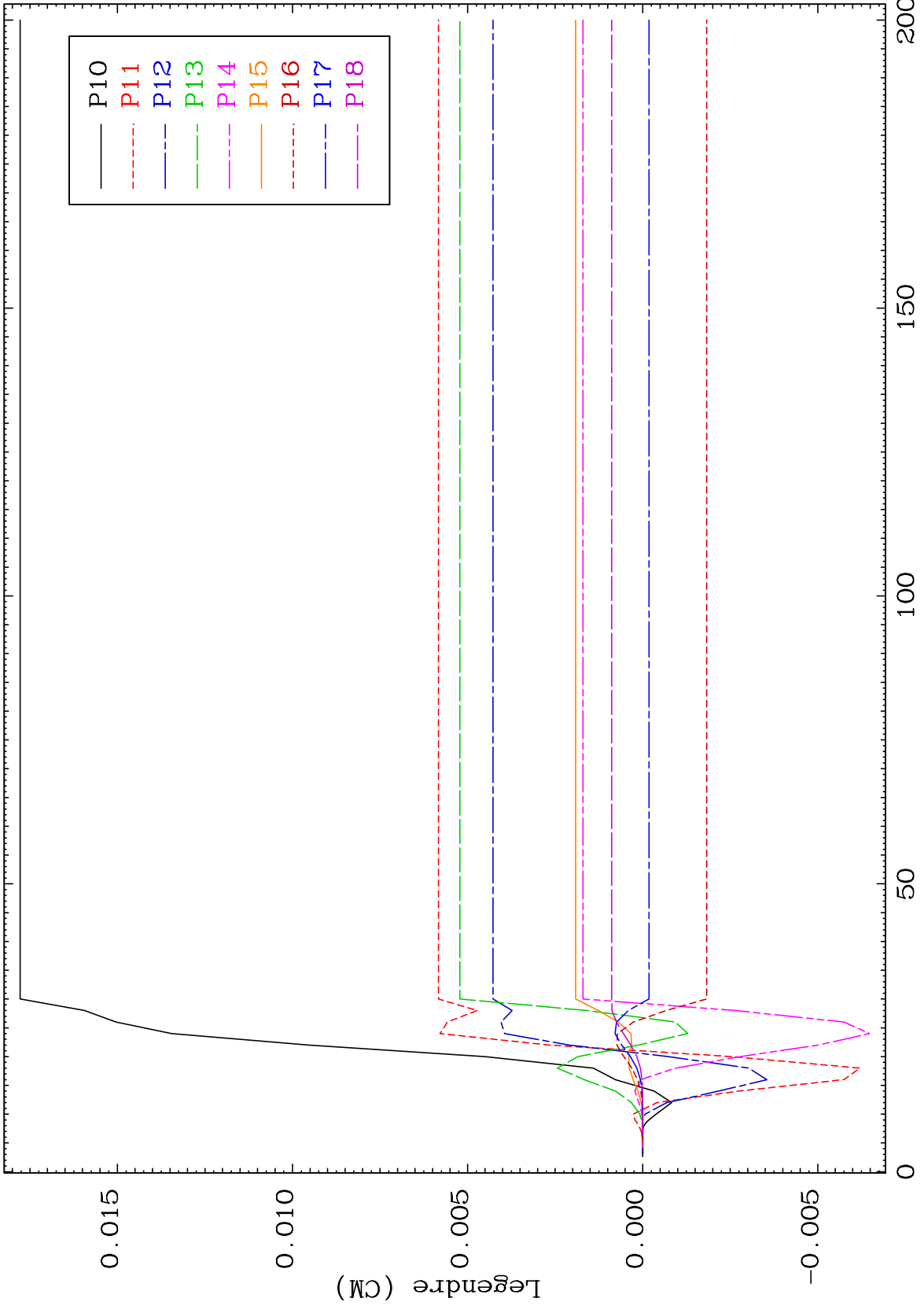


MAT 5010 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-107



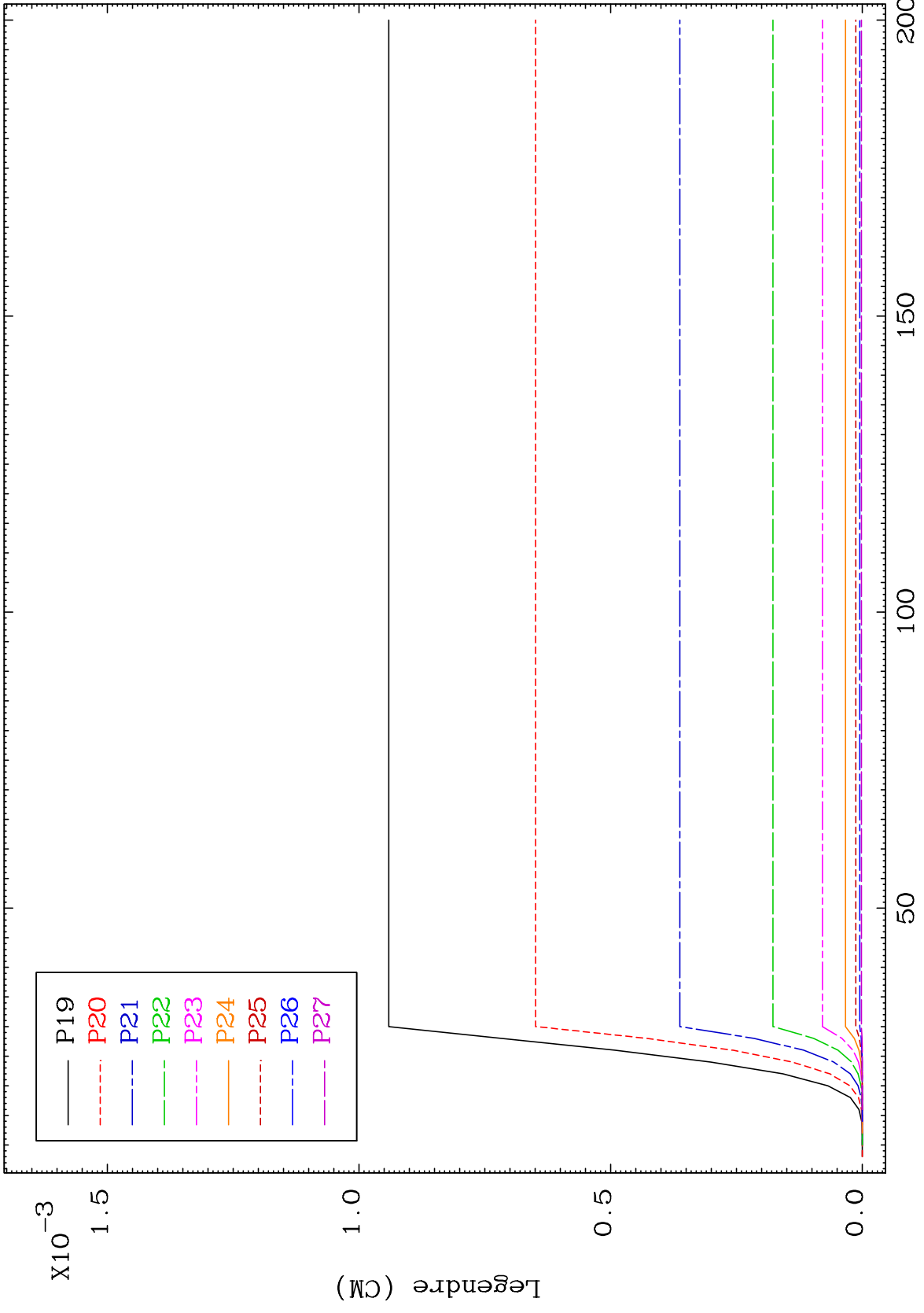
74 Incident Energy (MeV) 50-Sn-107

MAT 5010 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-107



75 Incident Energy (MeV) 50-Sn-107

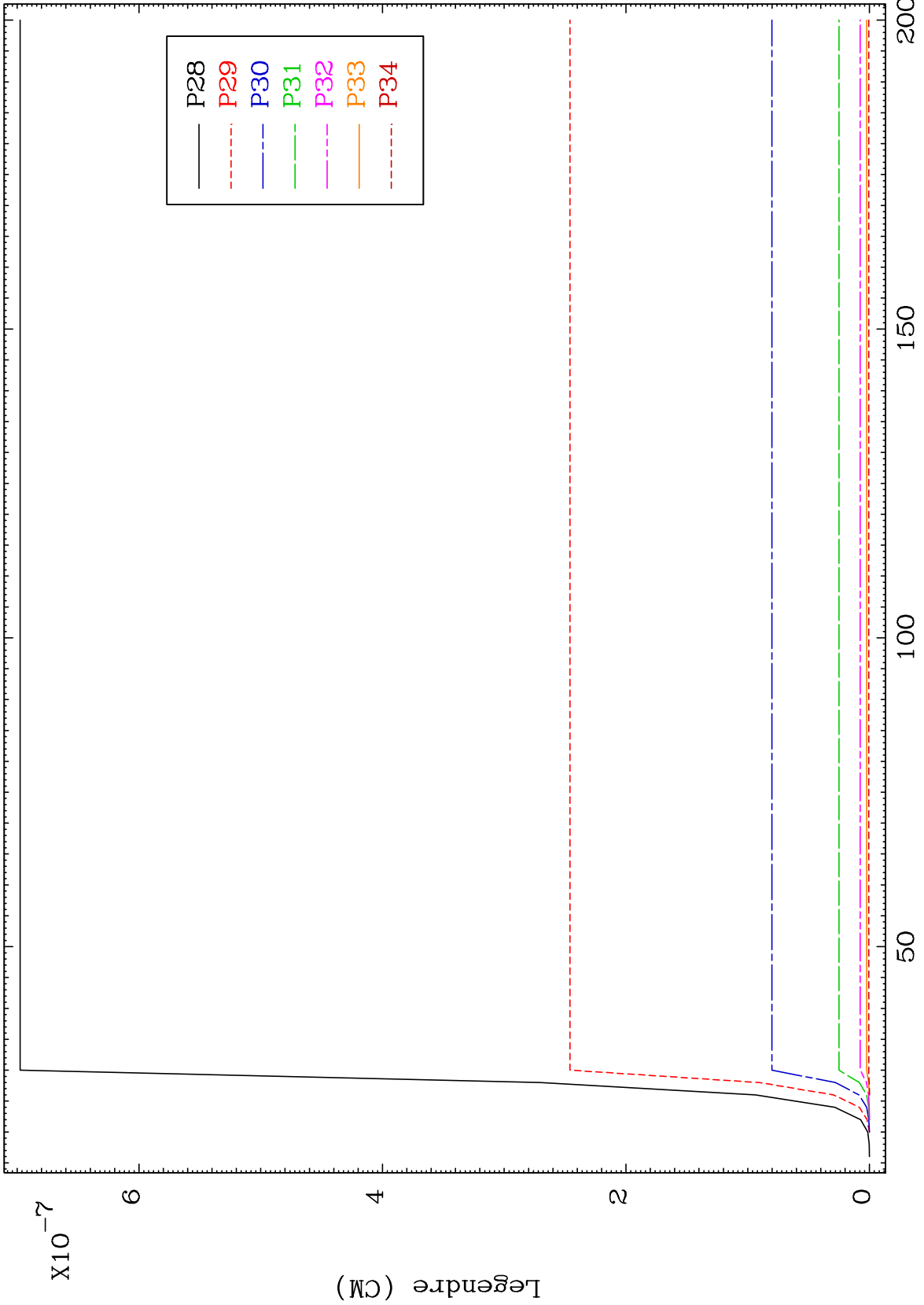
MAT 5010 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-107



MAT 5010

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

50-Sn-107

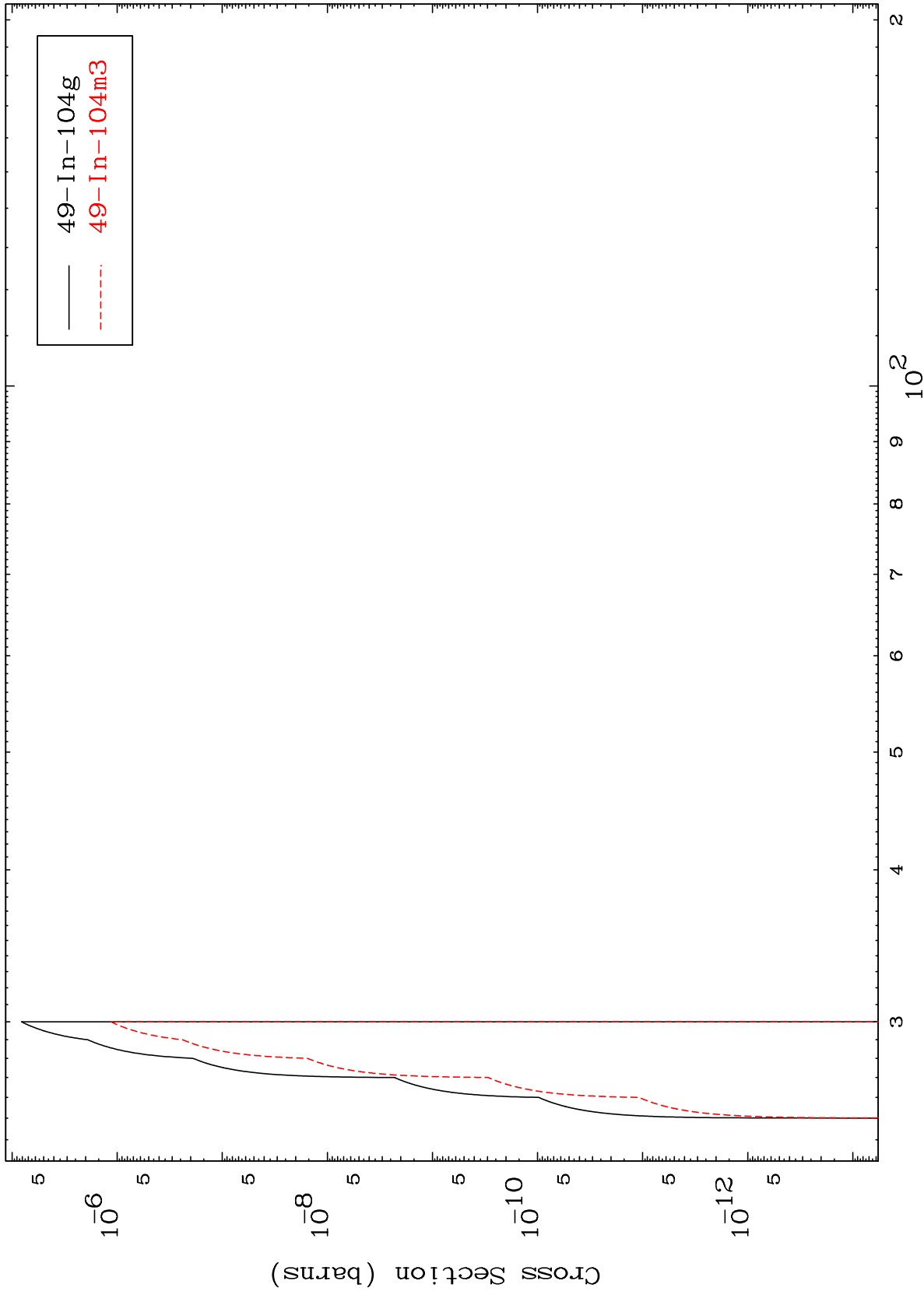


MAT 5010

(n,2n) d

50-Sn-107

Radionuclide Production Cross Section



78

Incident Energy (MeV)

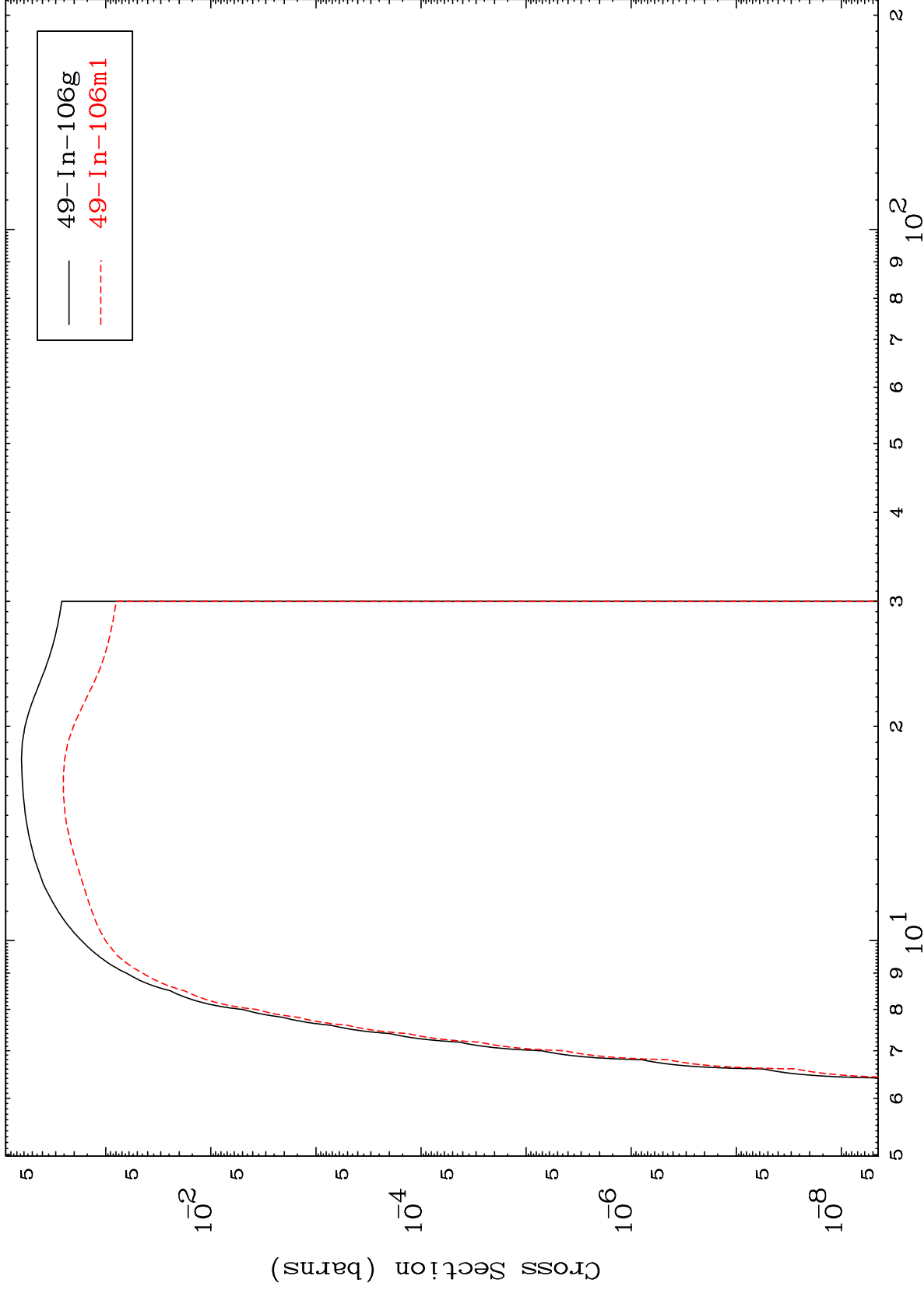
50-Sn-107

MAT 5010

(n,n') p

50-Sn-107

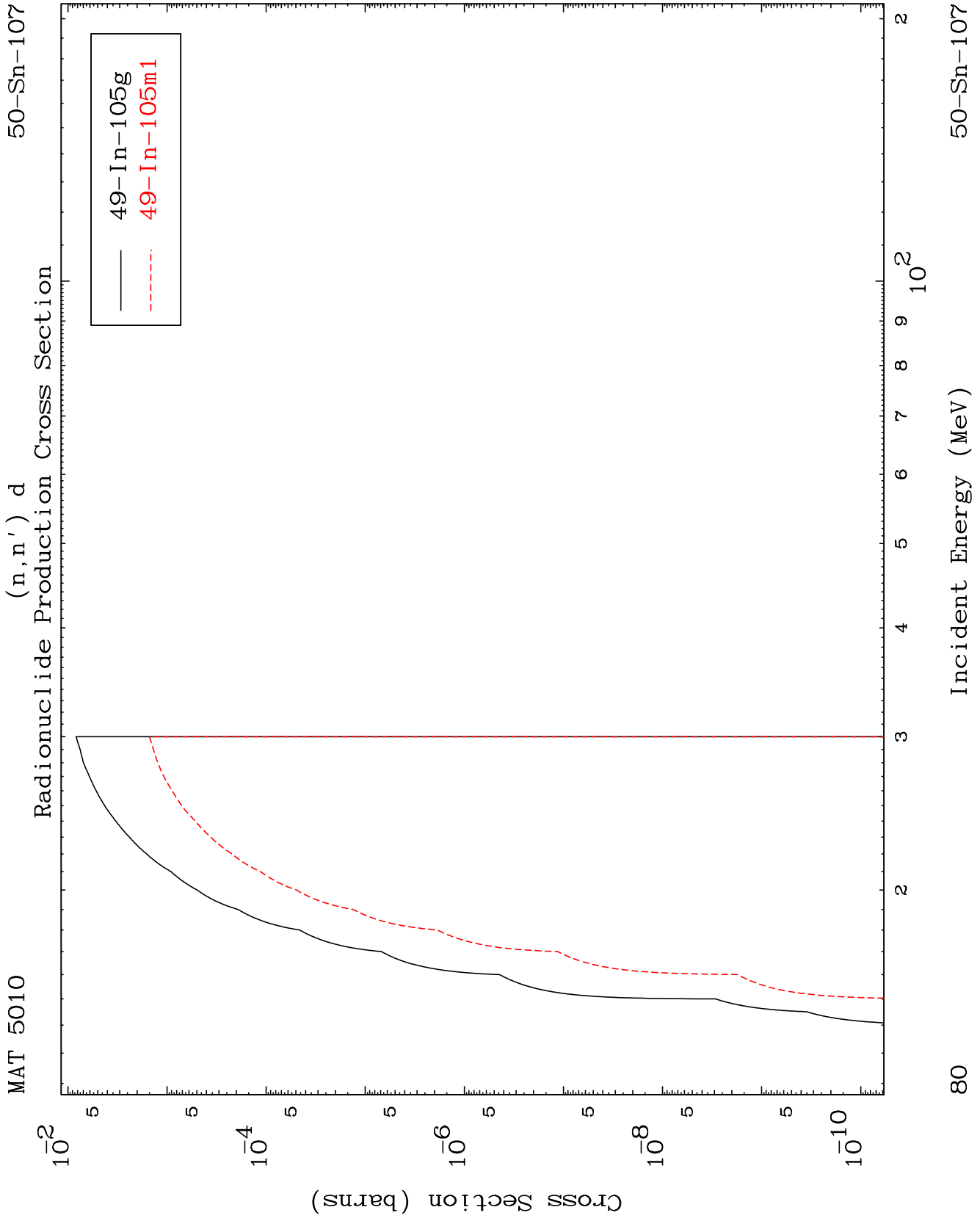
Radionuclide Production Cross Section



79

Incident Energy (MeV)

50-Sn-107

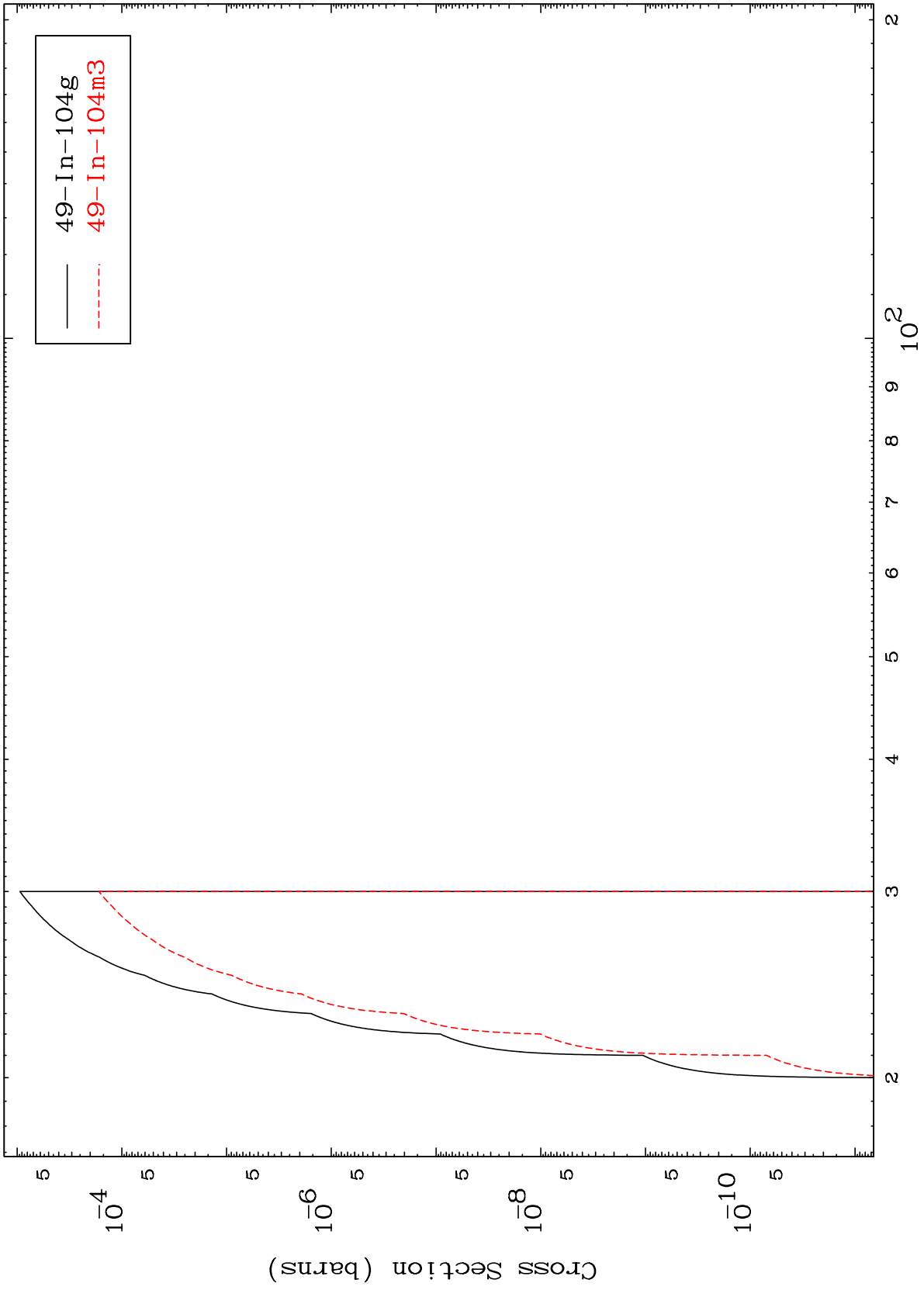


MAT 5010

(n,n') t

50-Sn-107

Radionuclide Production Cross Section



81

Incident Energy (MeV)

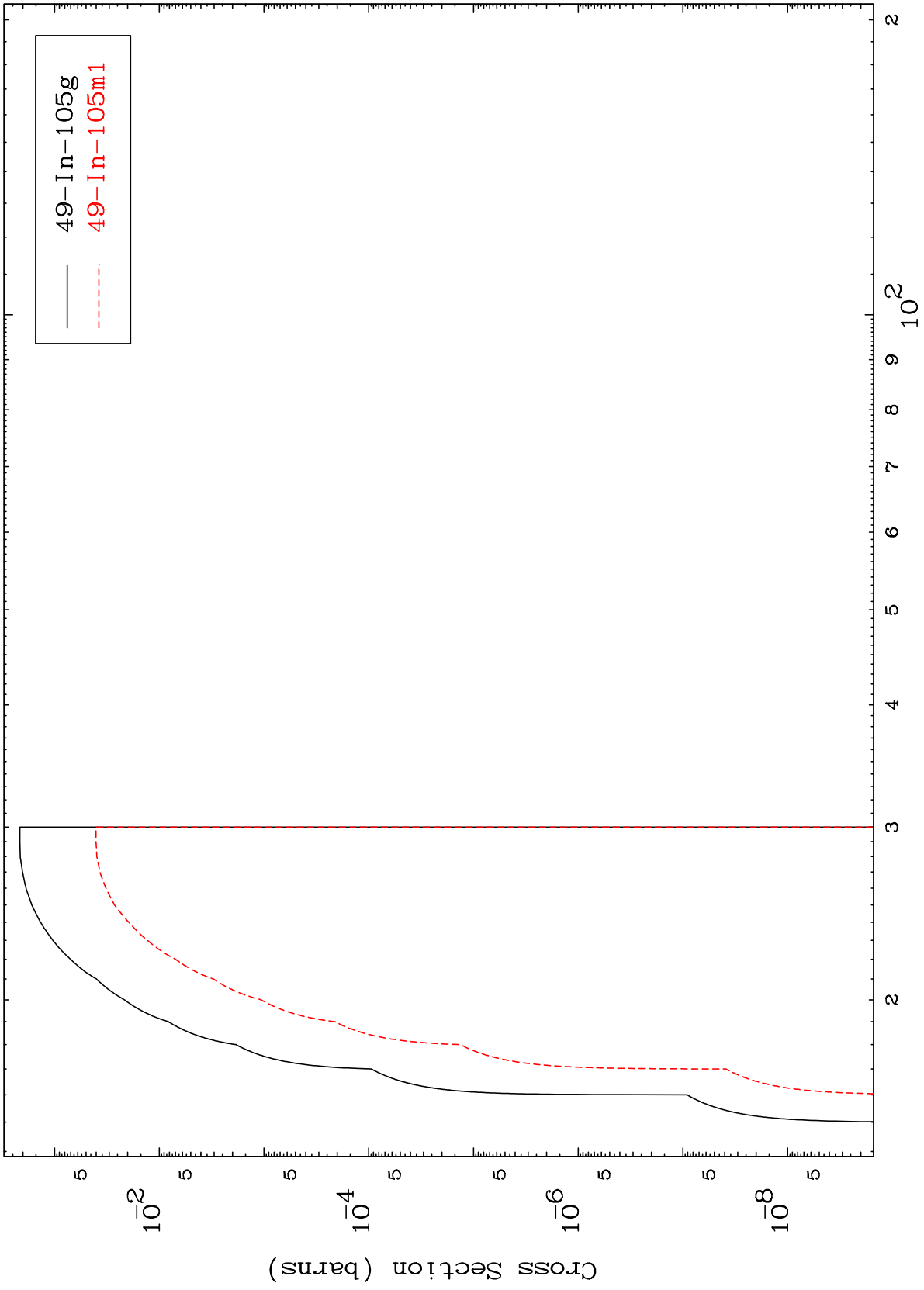
50-Sn-107

MAT 5010

(n,2n) p

50-Sn-107

Radionuclide Production Cross Section



82

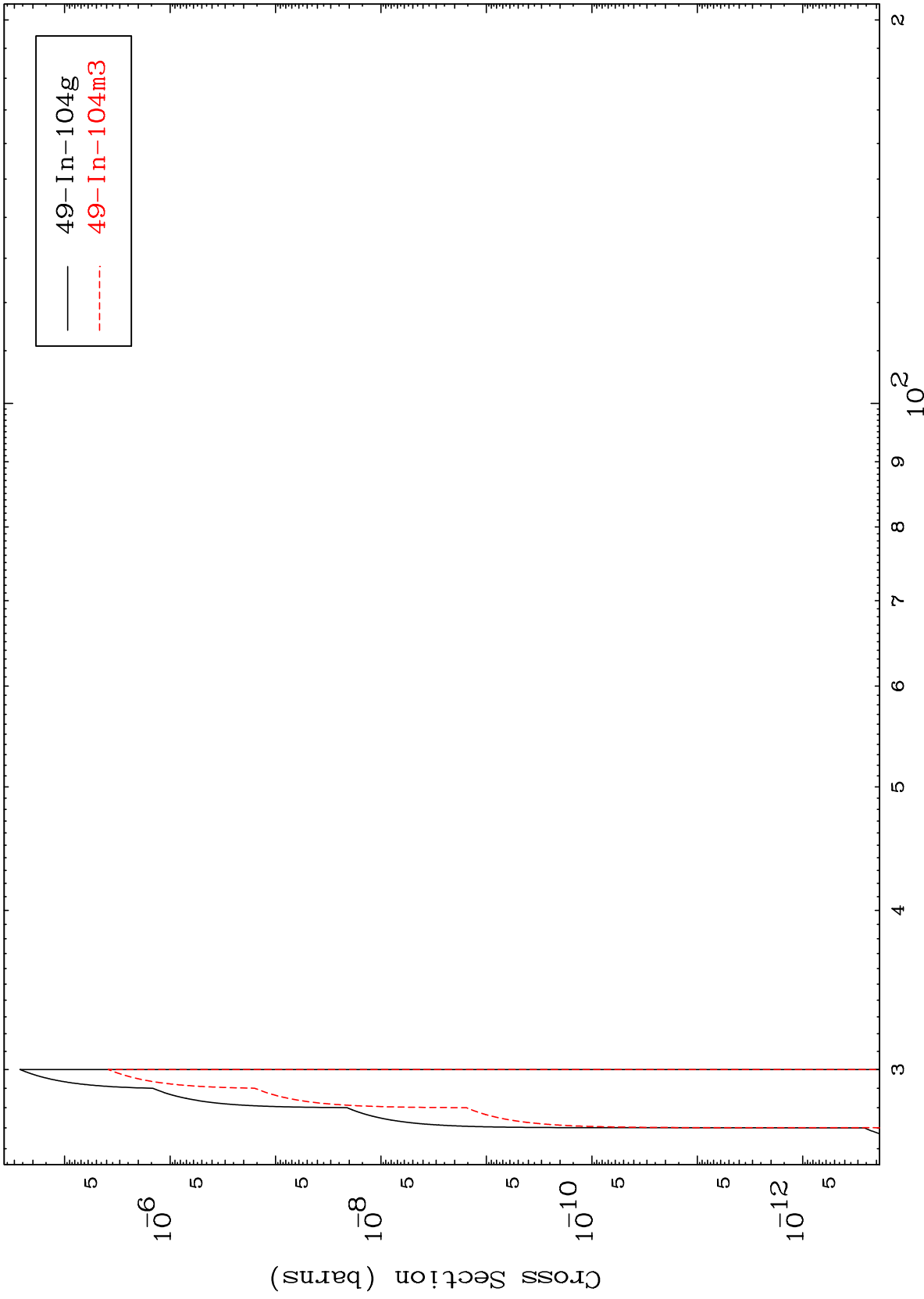
Incident Energy (MeV)

50-Sn-107

MAT 5010

50-Sn-107

(n,3n) p
Radionuclide Production Cross Section

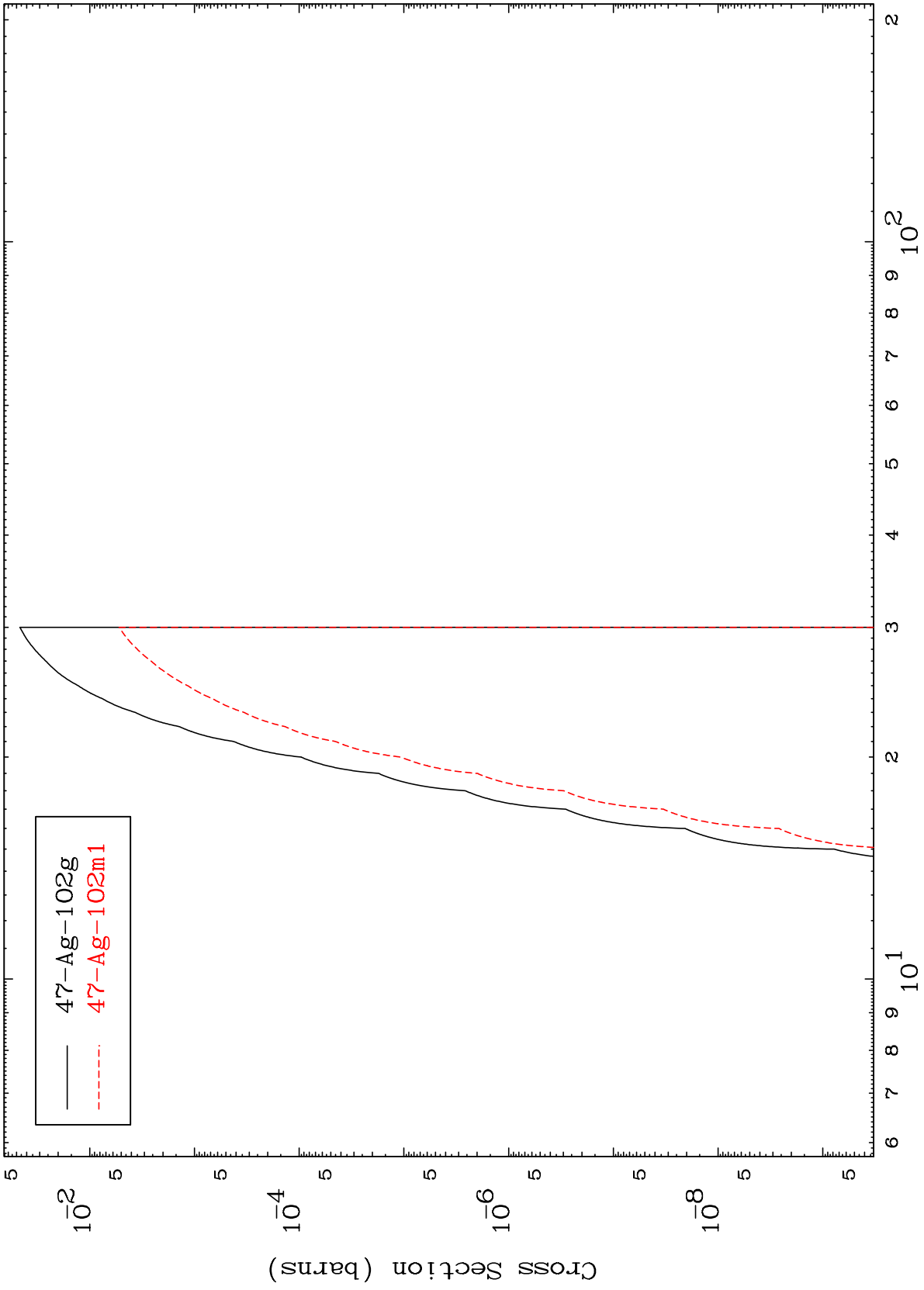


49-In-104g
49-In-104m3

MAT 5010

50-Sn-107

(n,n') p α
Radionuclide Production Cross Section

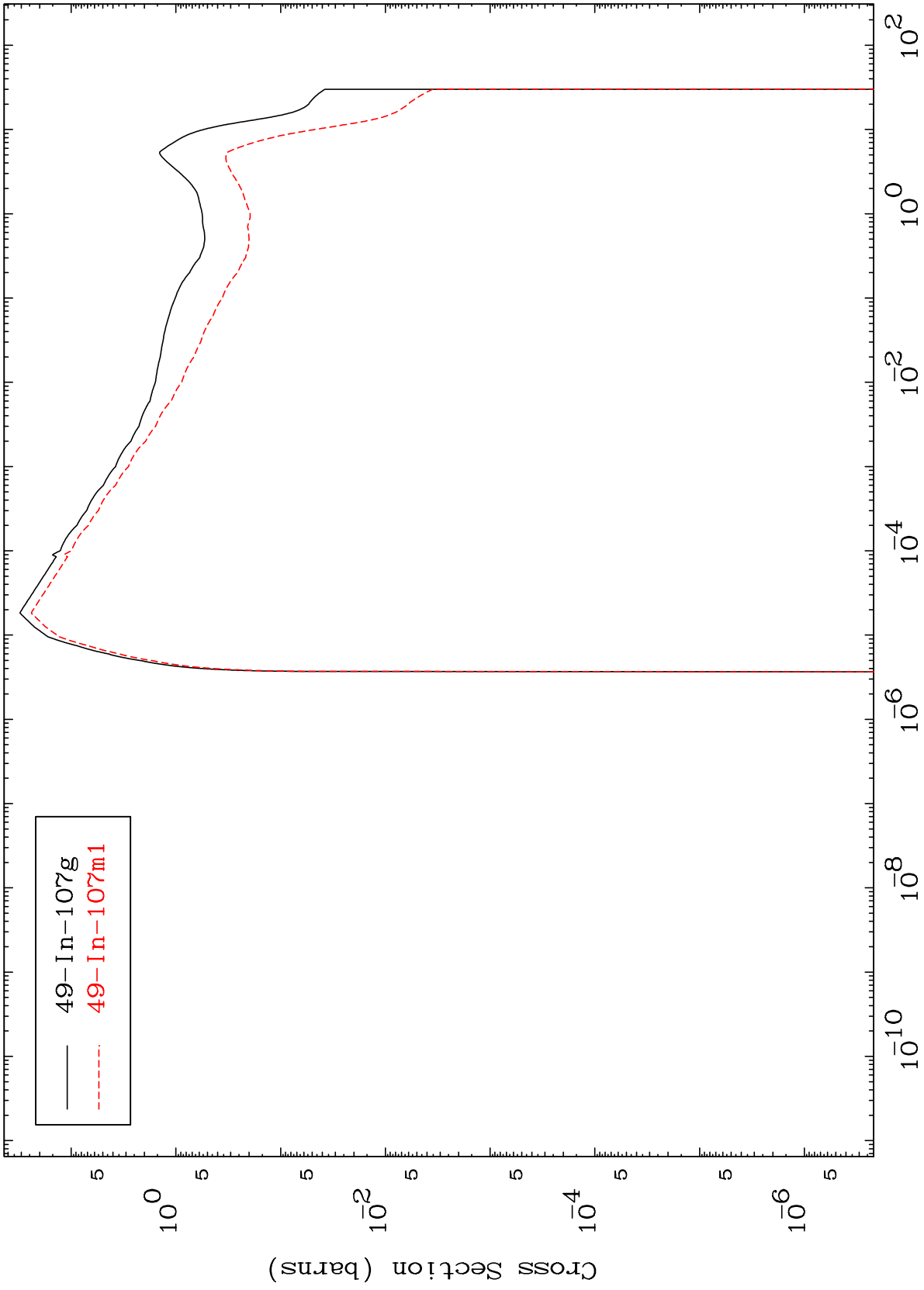


— 47-Ag-102g
- - - 47-Ag-102m1

MAT 5010

(n,p)
Radionuclide Production Cross Section

50-Sn-107



— 49-In-107g
- - - 49-In-107m1

85

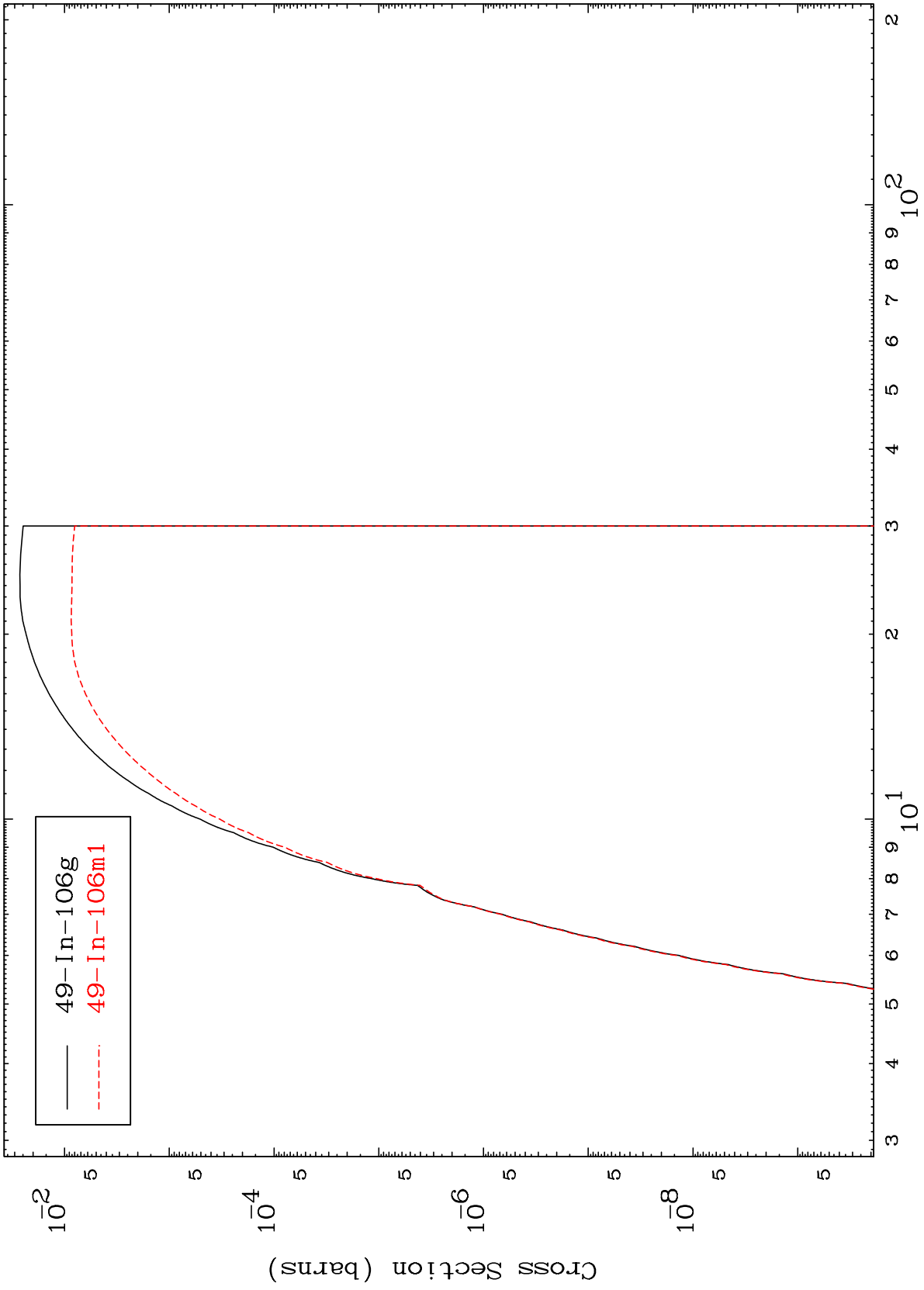
Incident Energy (MeV)

50-Sn-107

MAT 5010

(n,d)
Radionuclide Production Cross Section

50-Sn-107



86

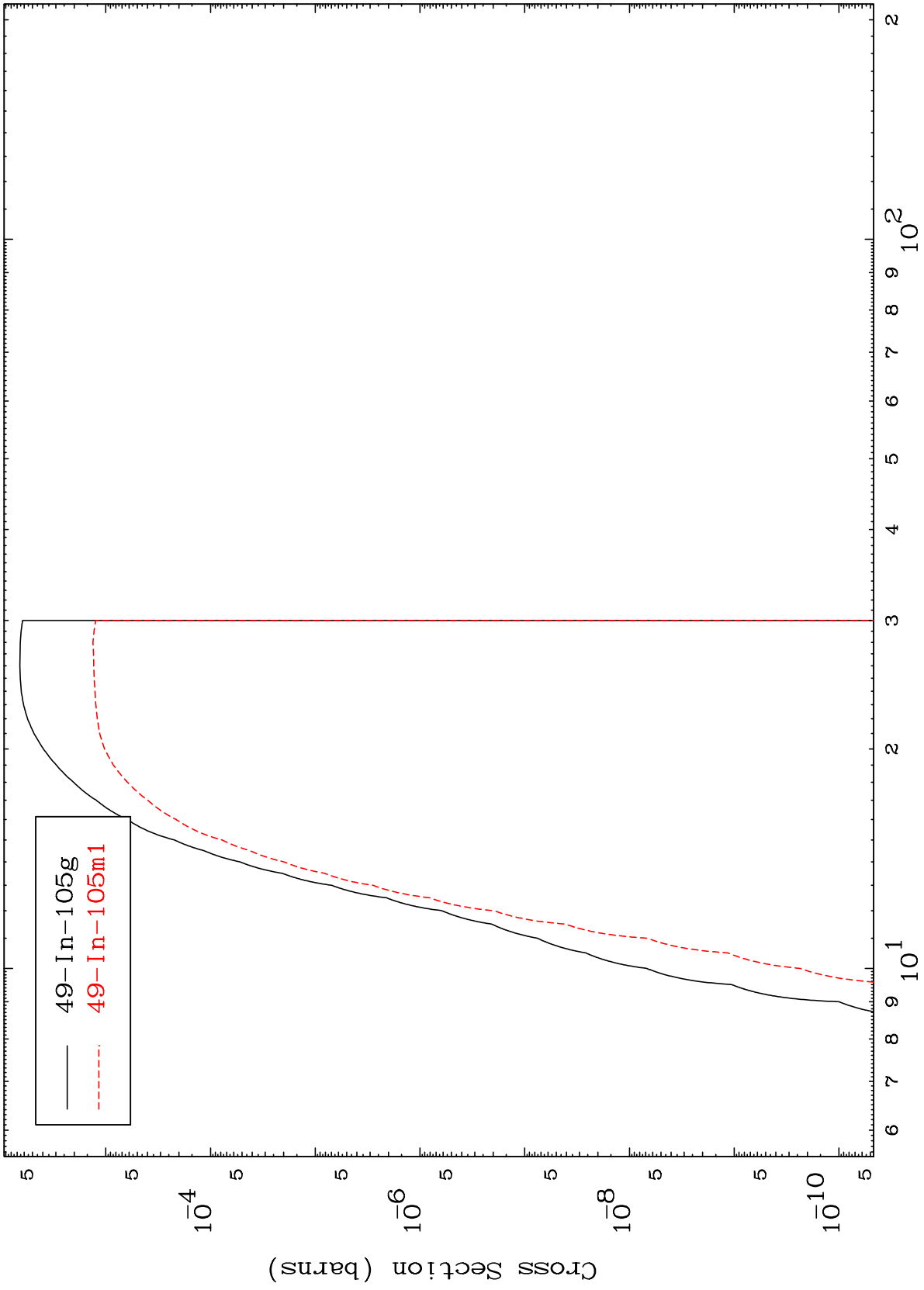
Incident Energy (MeV)

50-Sn-107

MAT 5010

Radionuclide Production Cross Section
(n, t)

50-Sn-107



87

Incident Energy (MeV)

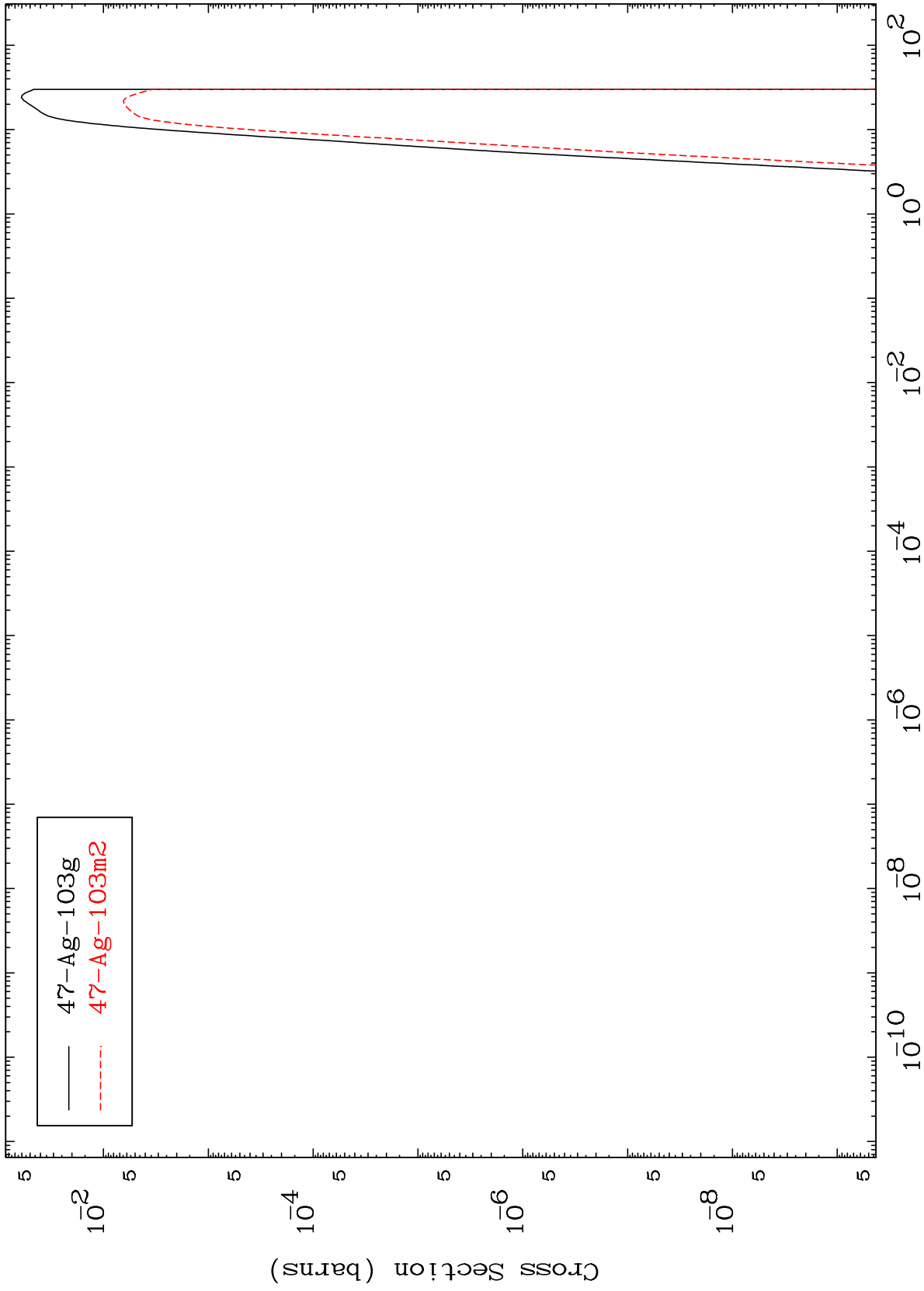
50-Sn-107

MAT 5010

(n,p) α

Radionuclide Production Cross Section

50-Sn-107



88

Incident Energy (MeV)

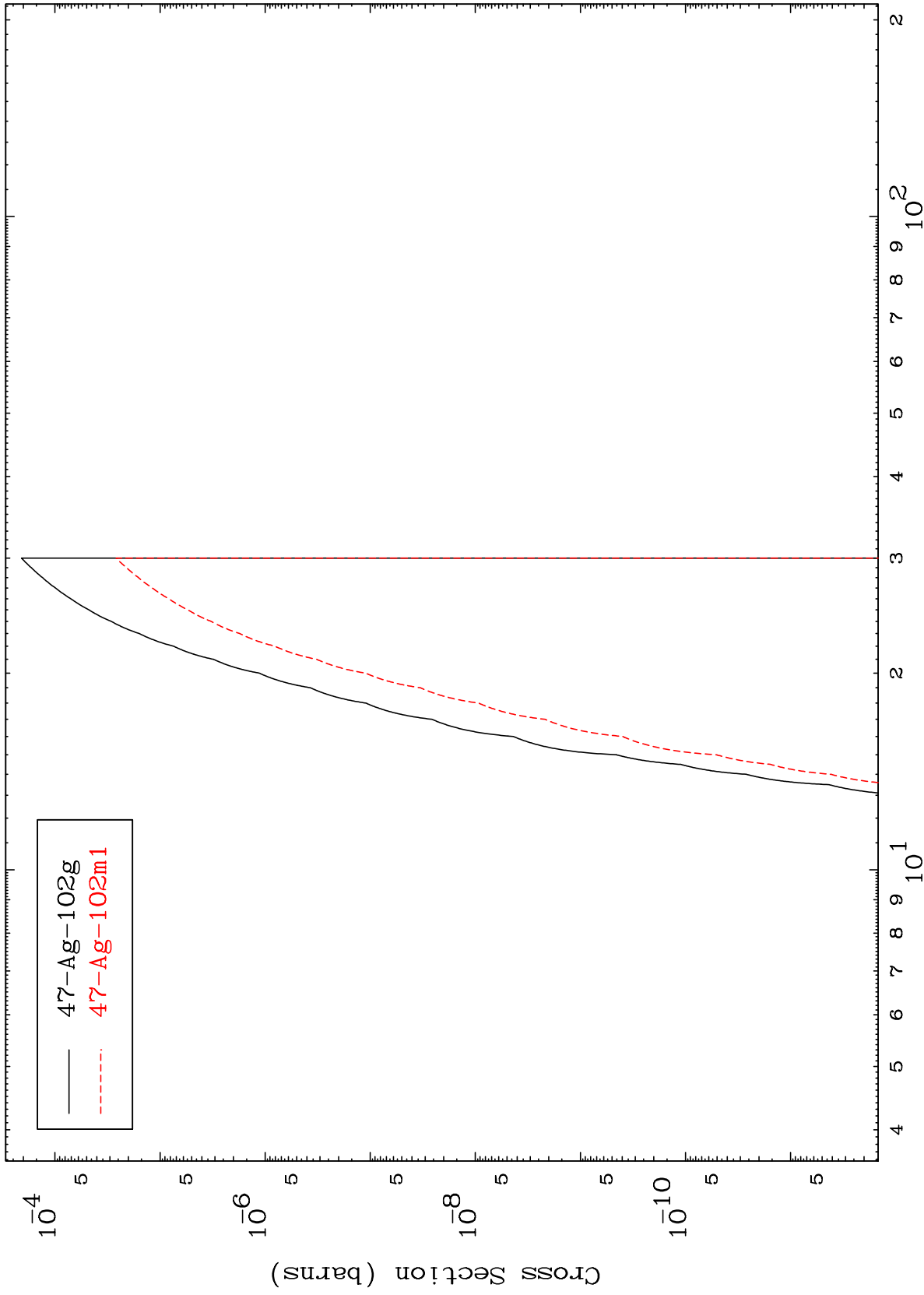
50-Sn-107

MAT 5010

(n,d) α

50-Sn-107

Radionuclide Production Cross Section



89

Incident Energy (MeV)

50-Sn-107