

Program EVALPLOT
(Version 2021-1)

by

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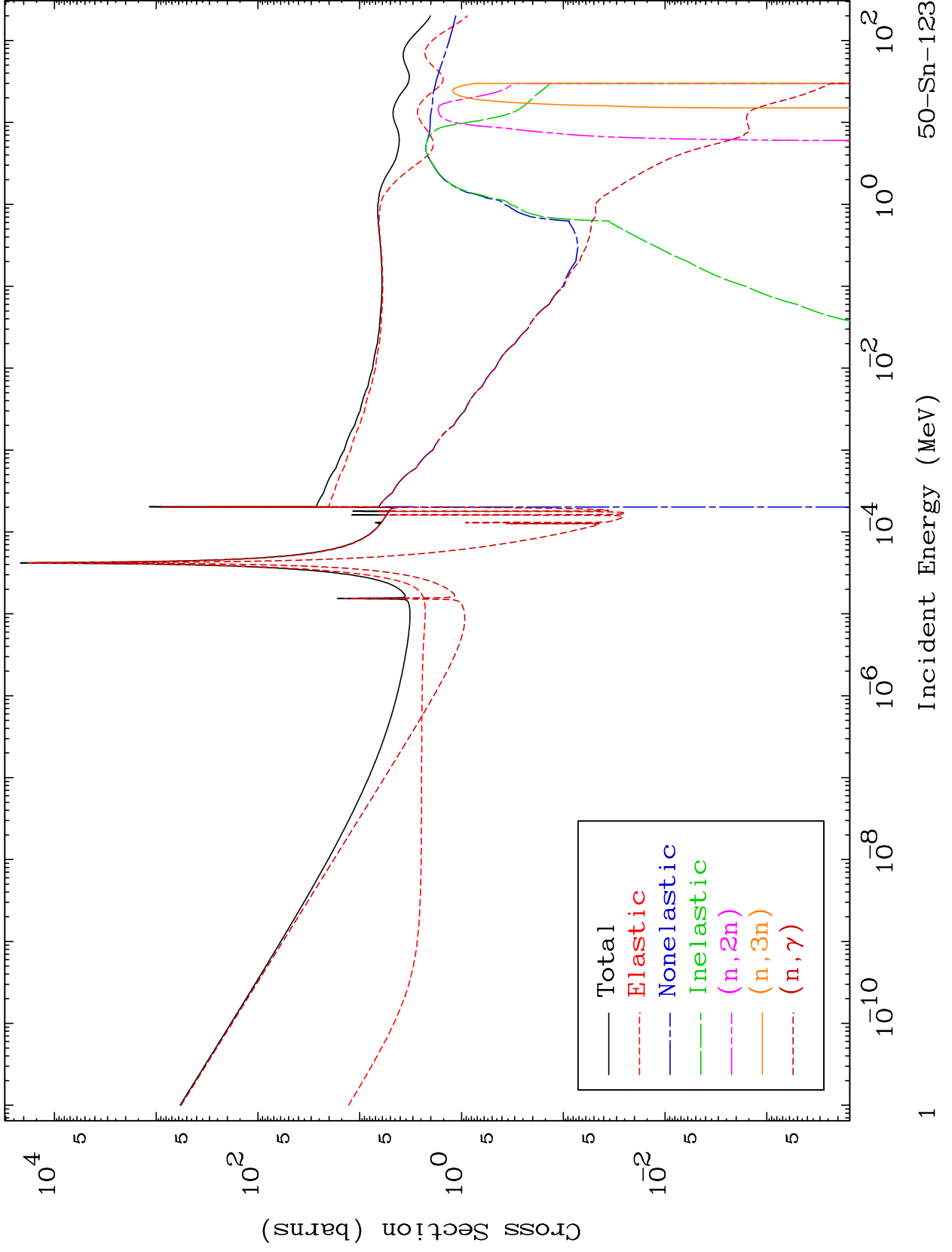
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5058

Neutron Major
293 Kelvin Cross Sections

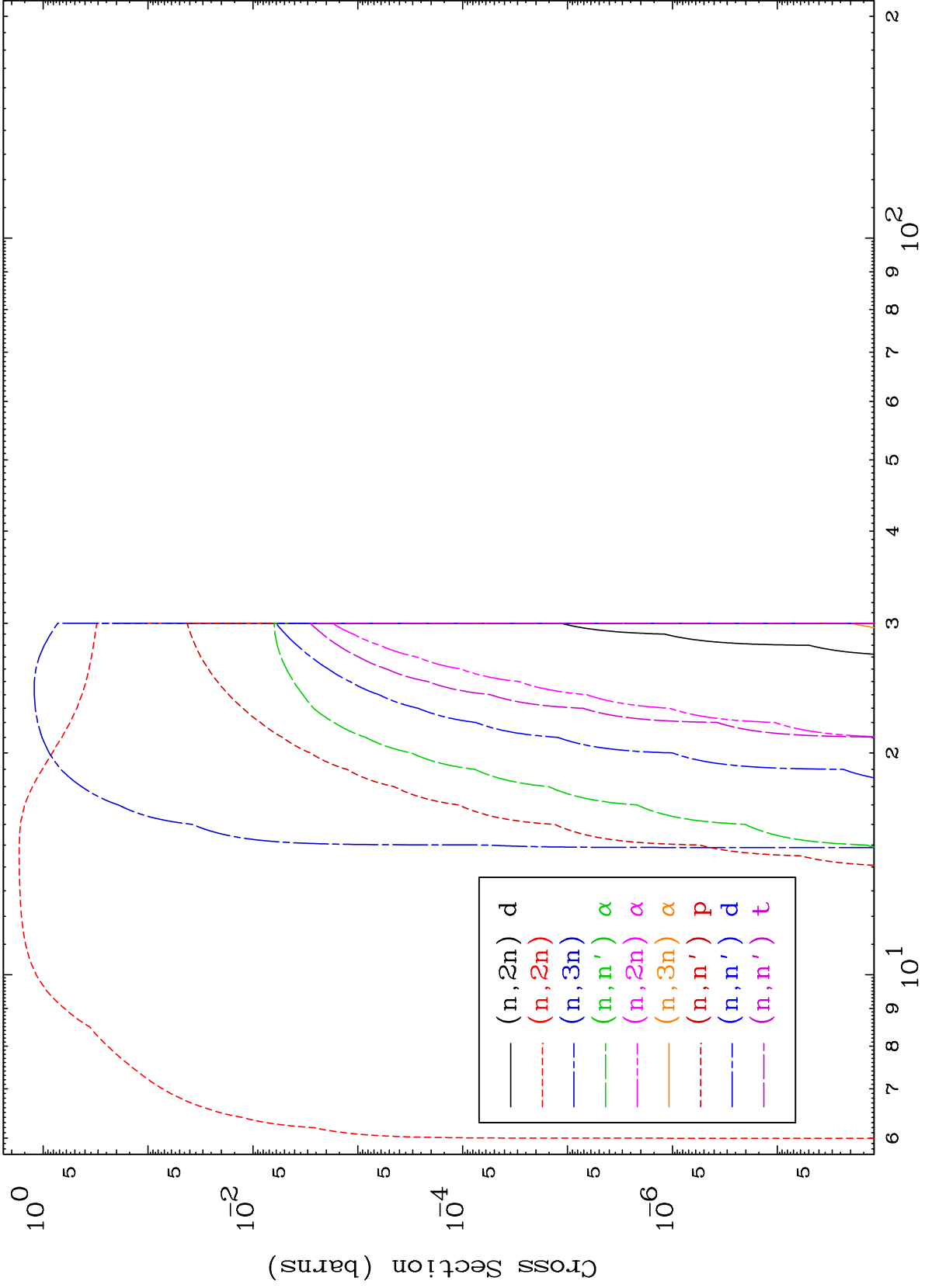
50-Sn-123



MAT 5058

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-123



2

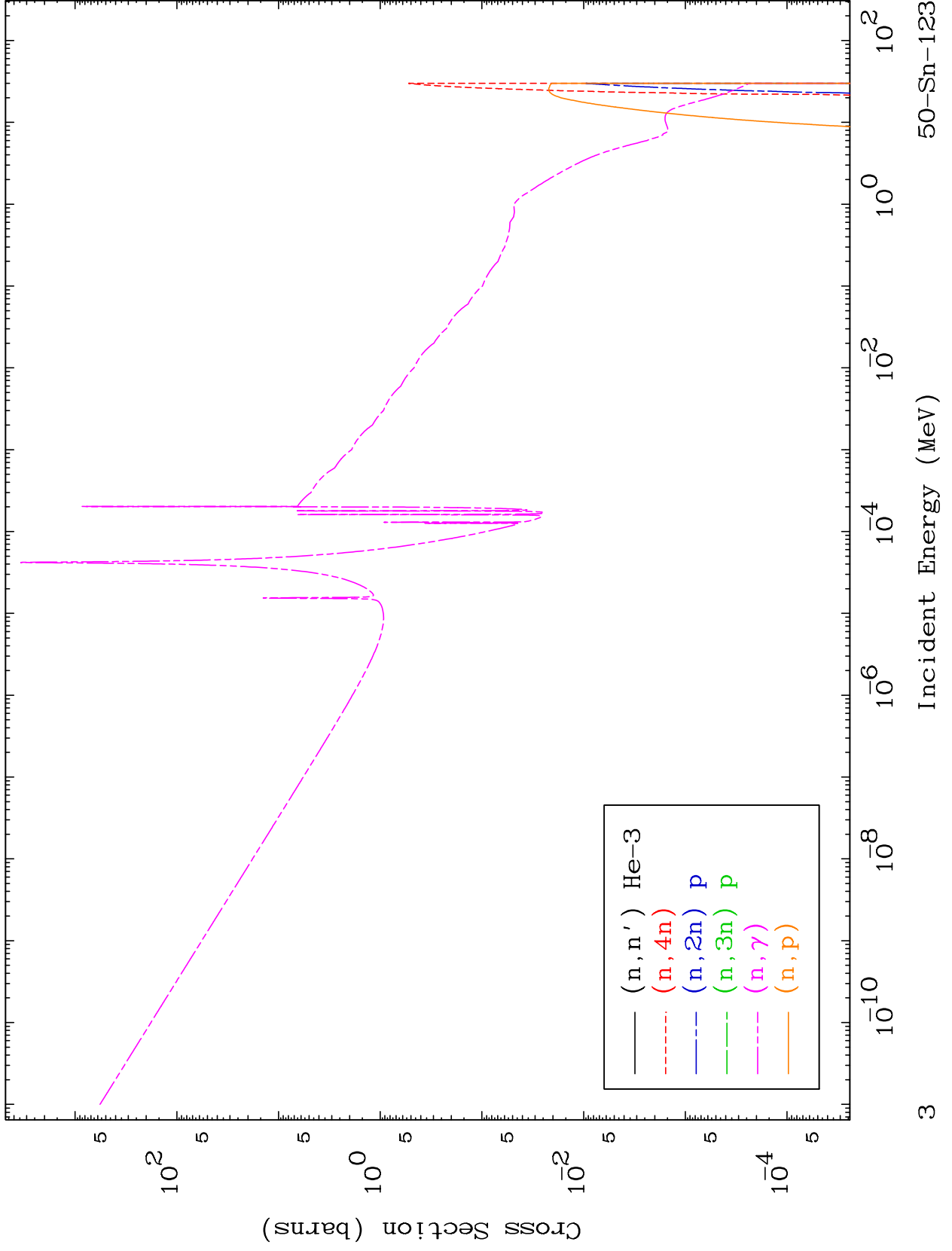
Incident Energy (MeV)

50-Sn-123

MAT 5058

Neutron Absorption
293 Kelvin Cross Sections

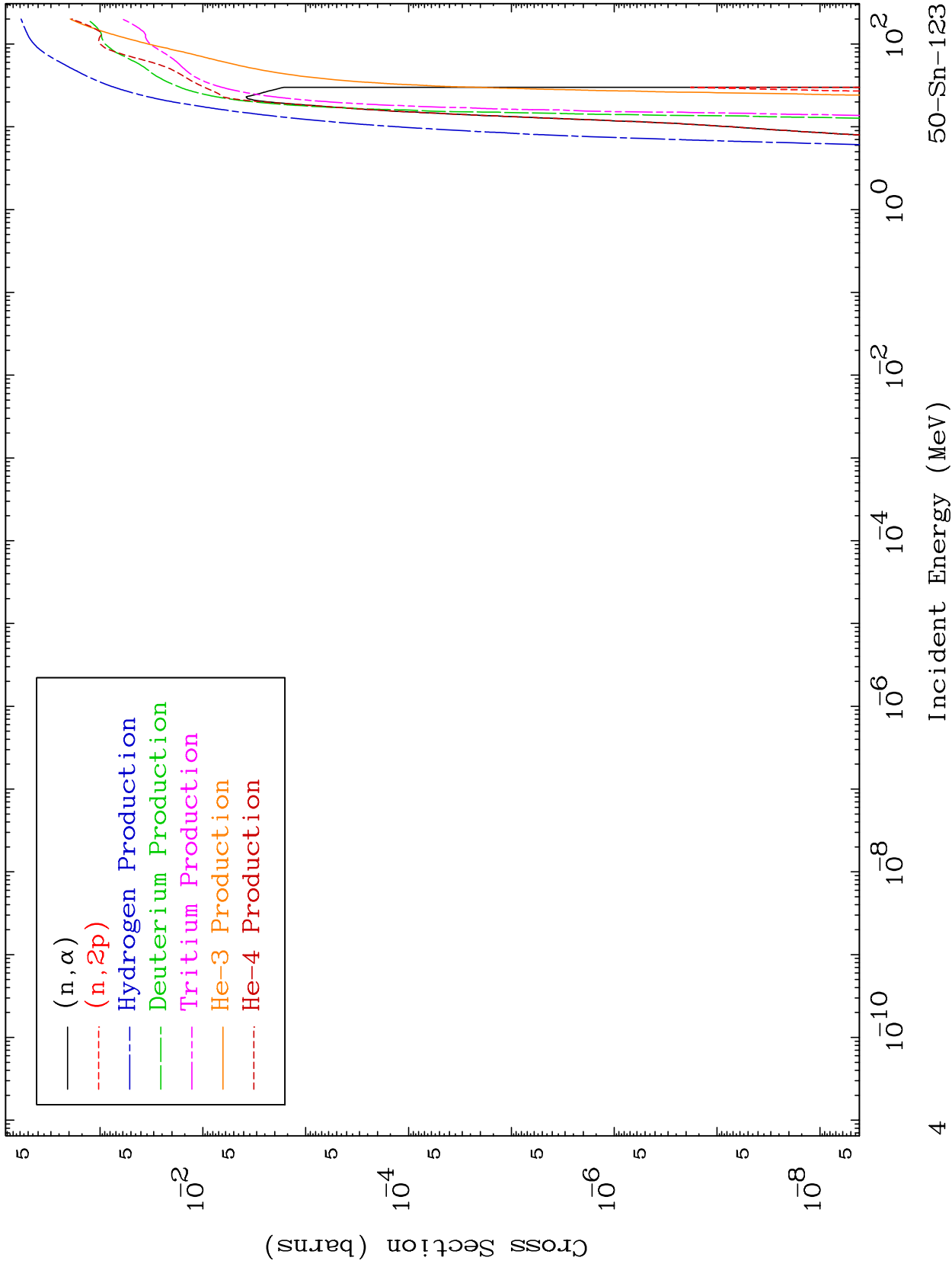
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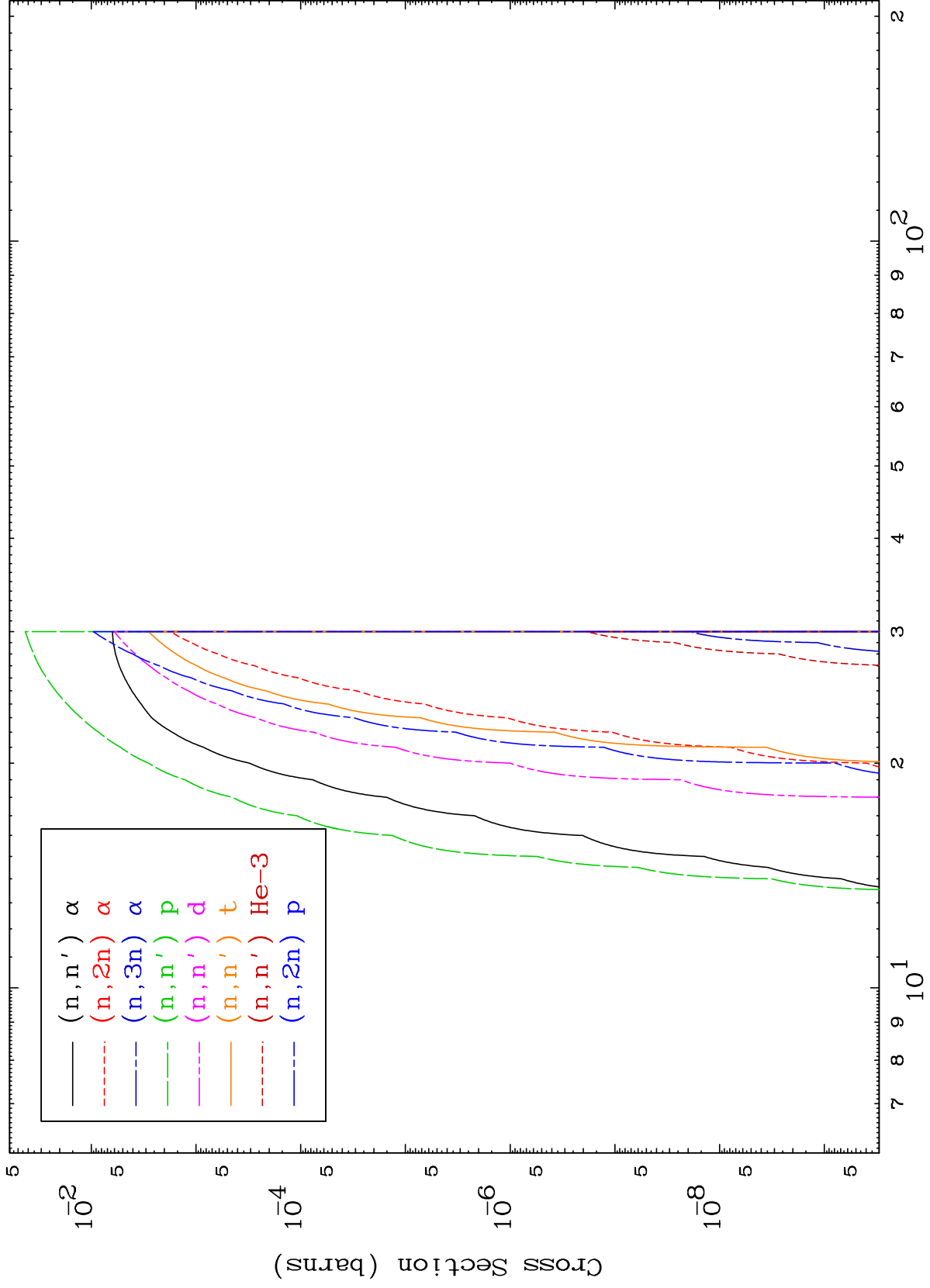


MAT 5058

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-123

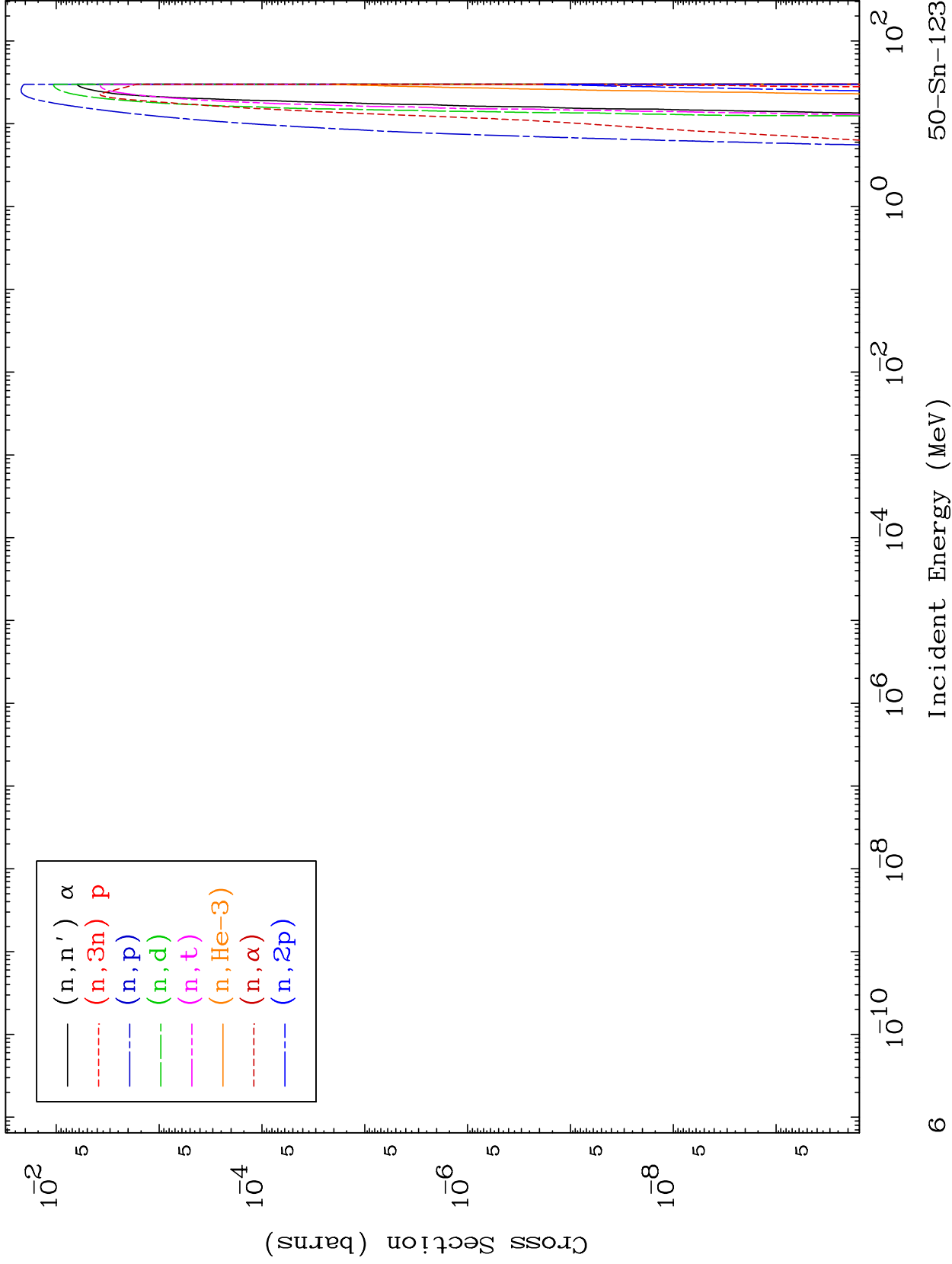


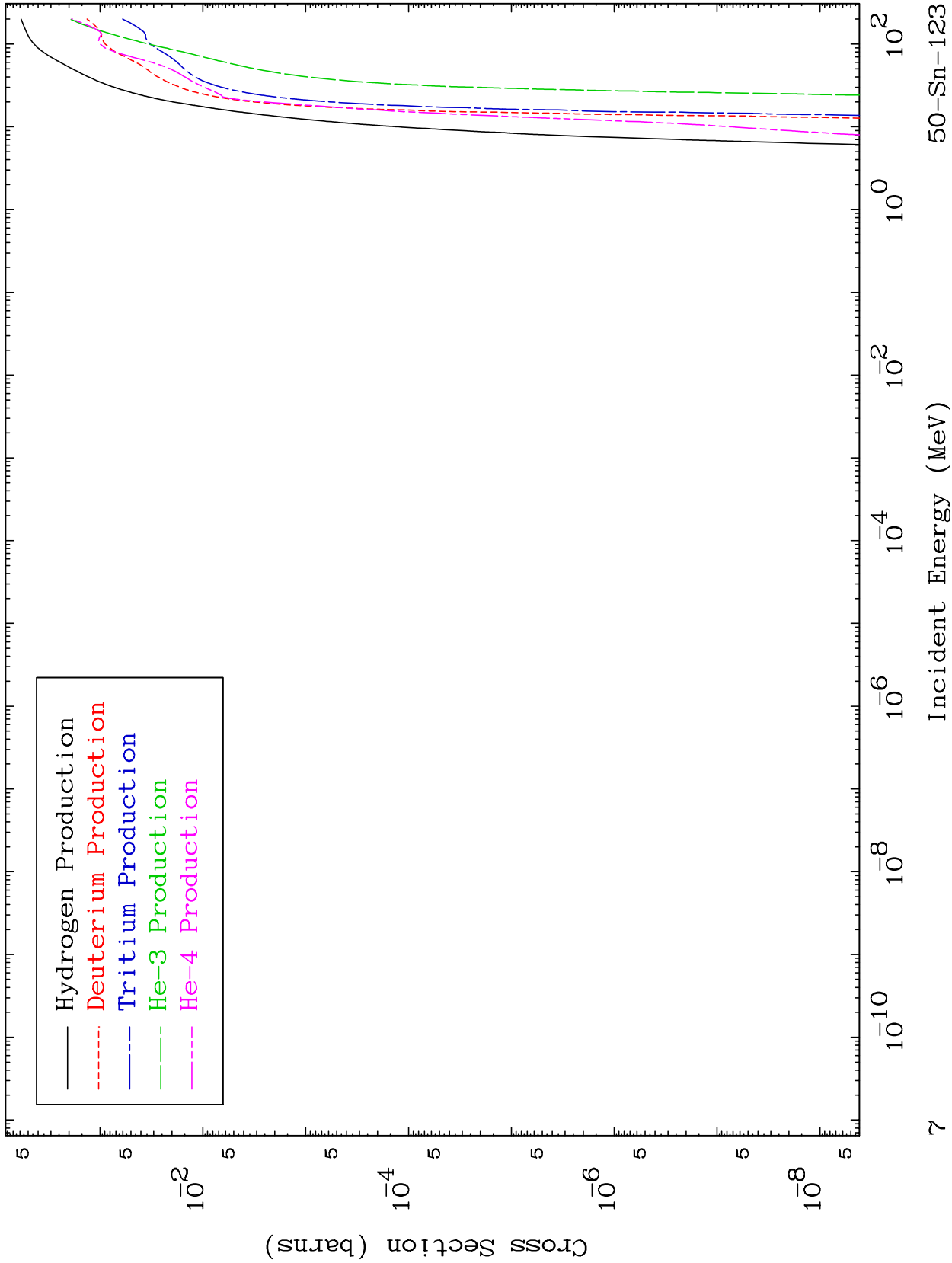


MAT 5058

Charged Particle
293 Kelvin Cross Sections

50-Sn-123

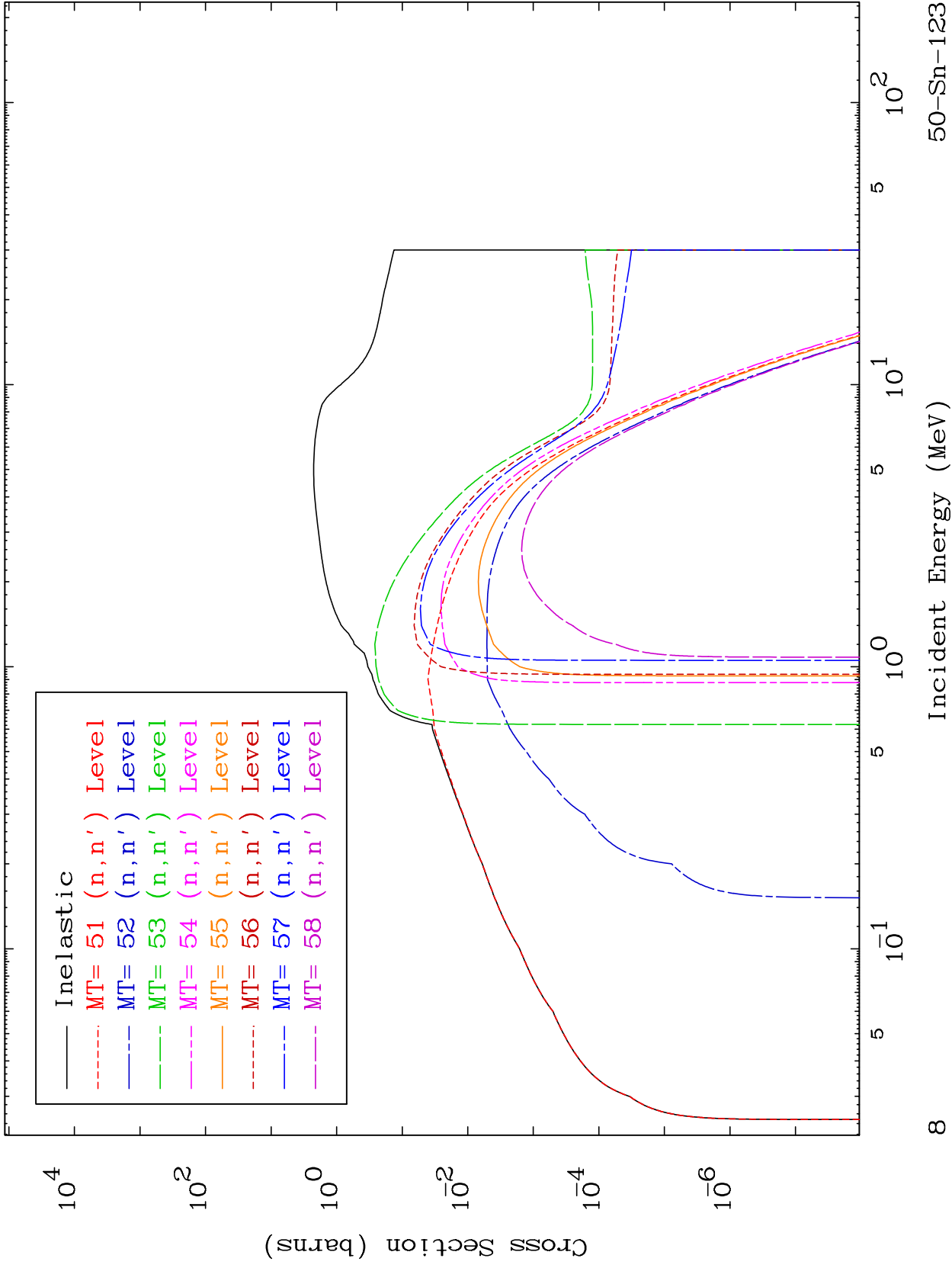


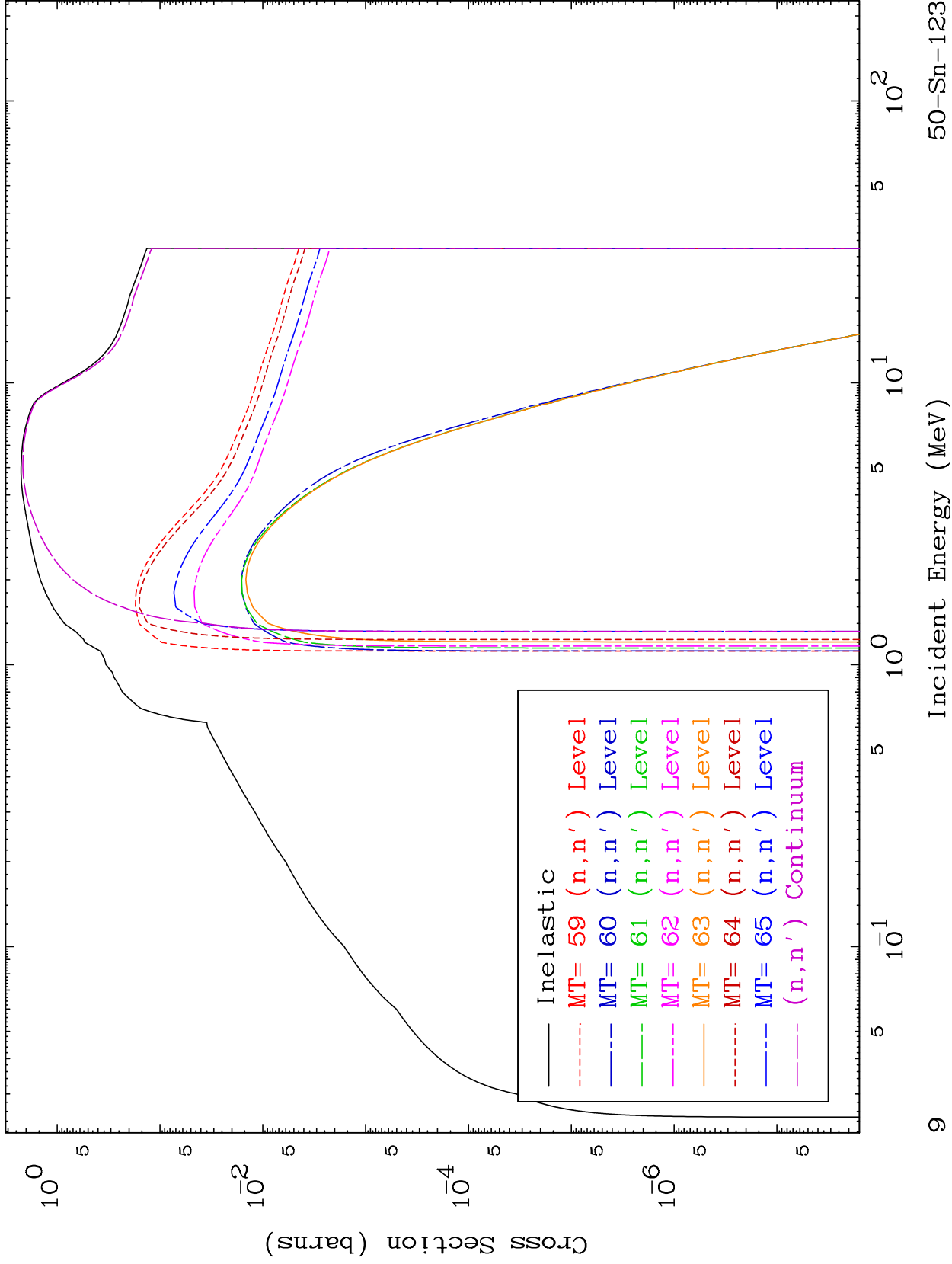


MAT 5058

(n,n') Levels
293 Kelvin Cross Sections

50-Sn-123

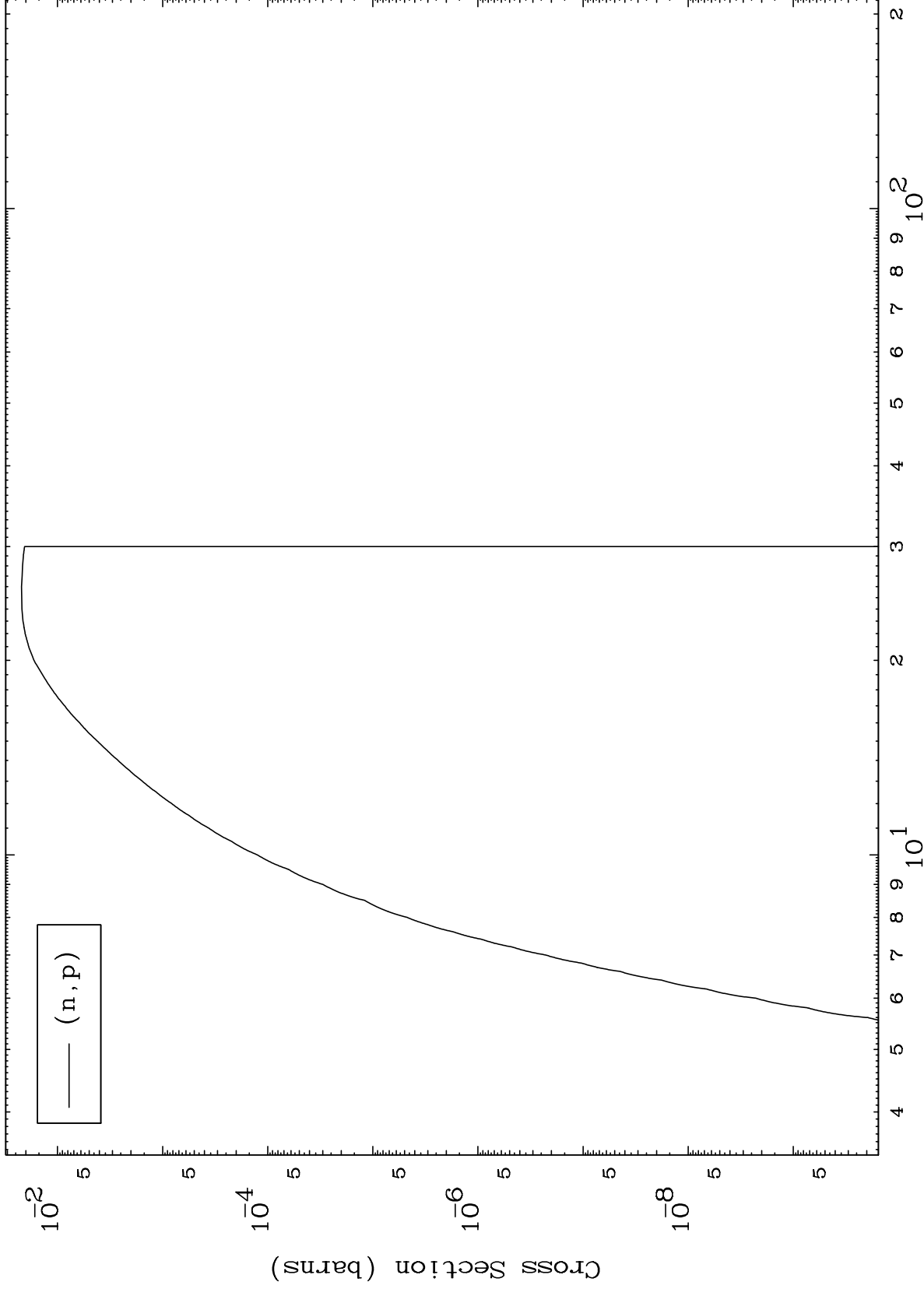




MAT 5058

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-123



10

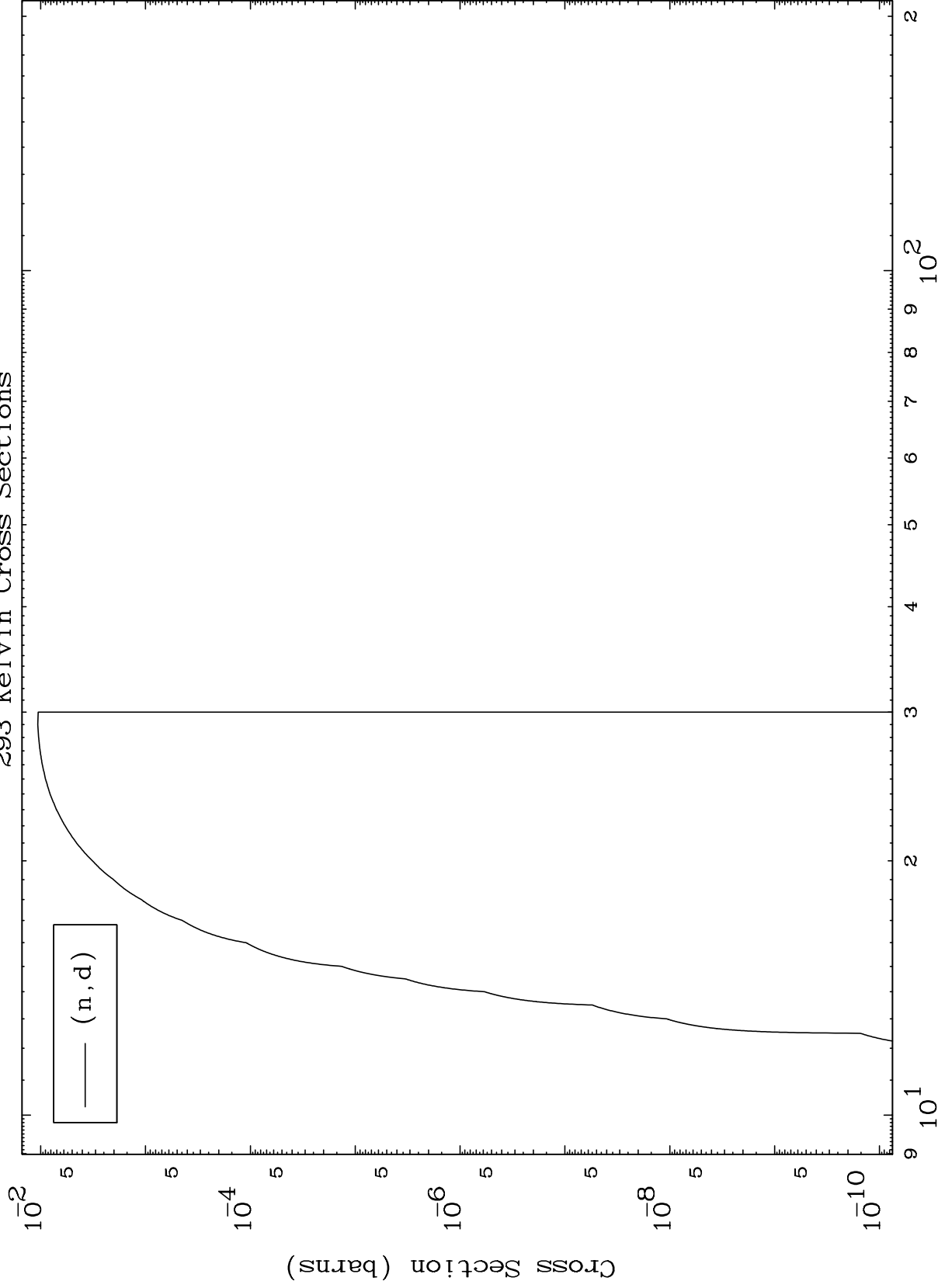
Incident Energy (MeV)

50-Sn-123

MAT 5058

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-123



11

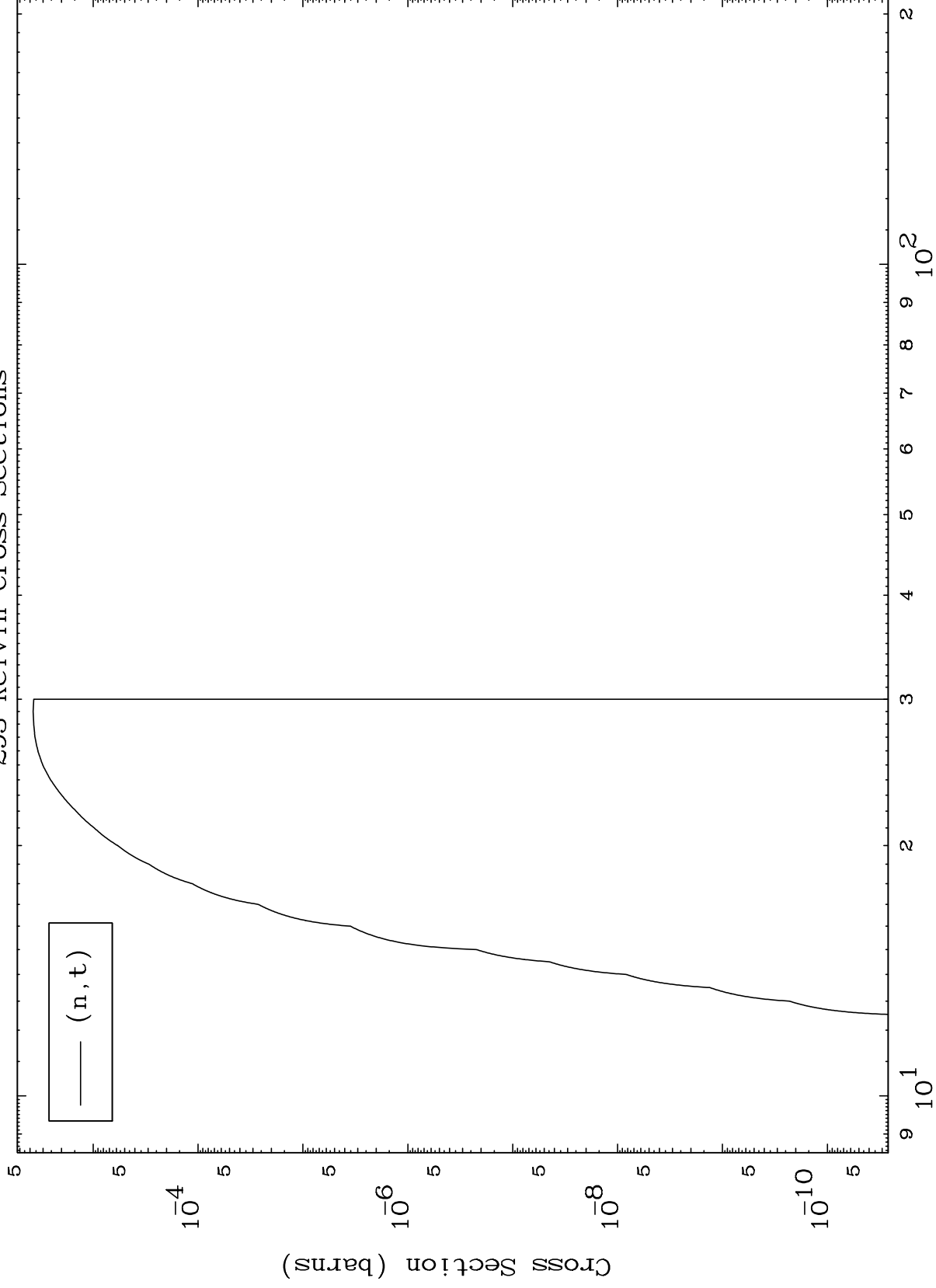
Incident Energy (MeV)

50-Sn-123

MAT 5058

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-123



Incident Energy (MeV)

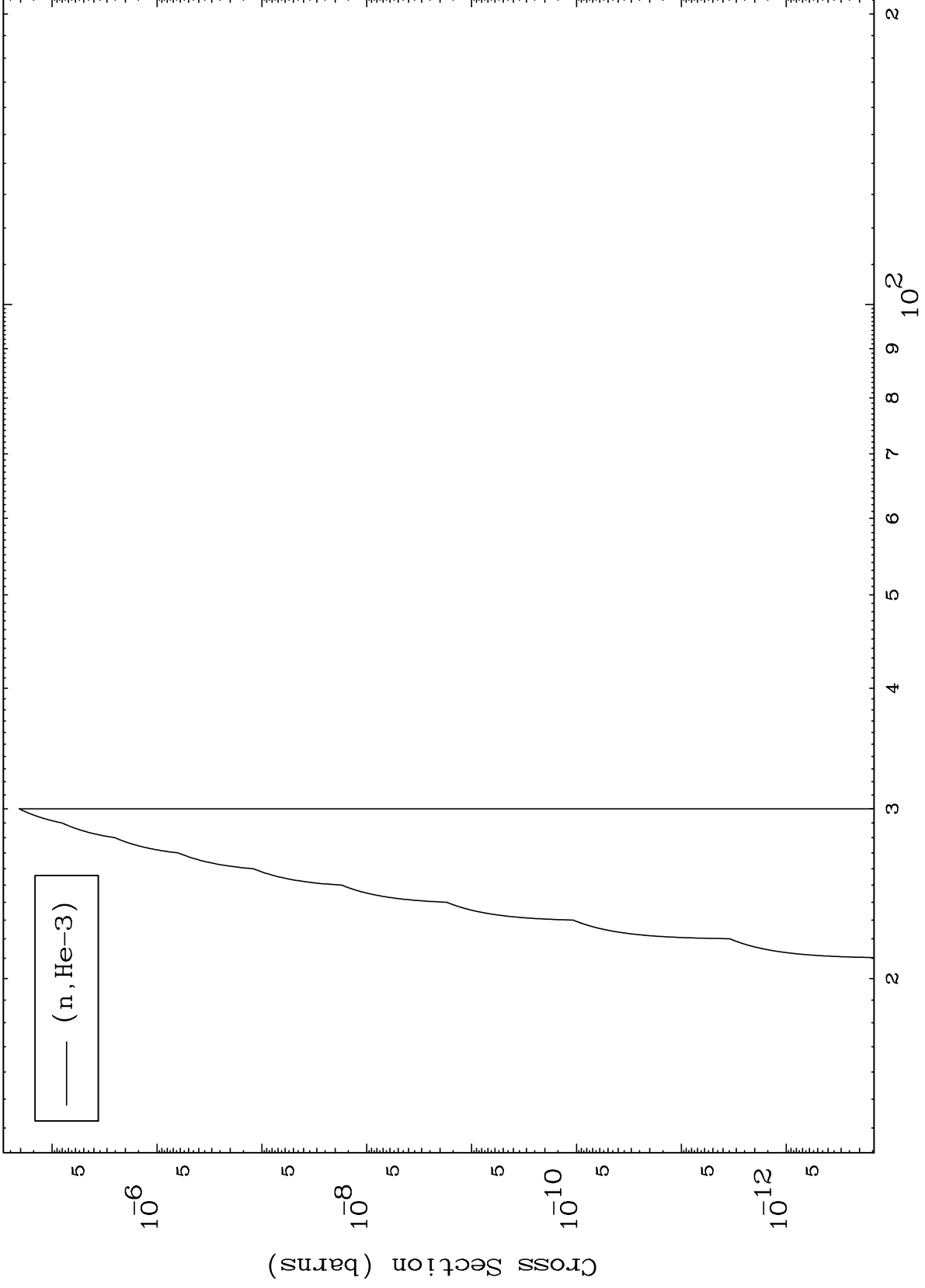
50-Sn-123

12

MAT 5058

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-123



13

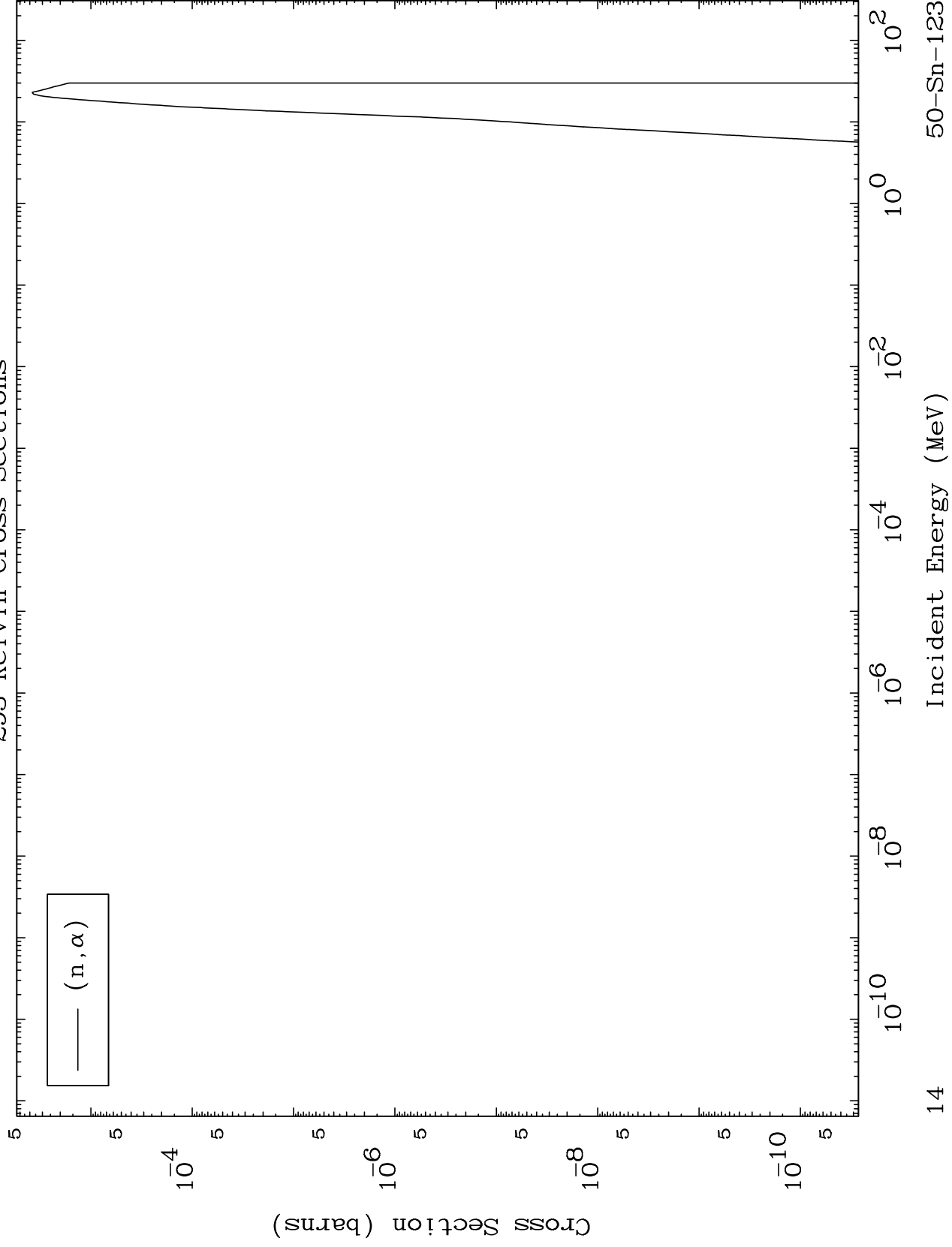
Incident Energy (MeV)

50-Sn-123

MAT 5058

(n, α) Levels
293 Kelvin Cross Sections

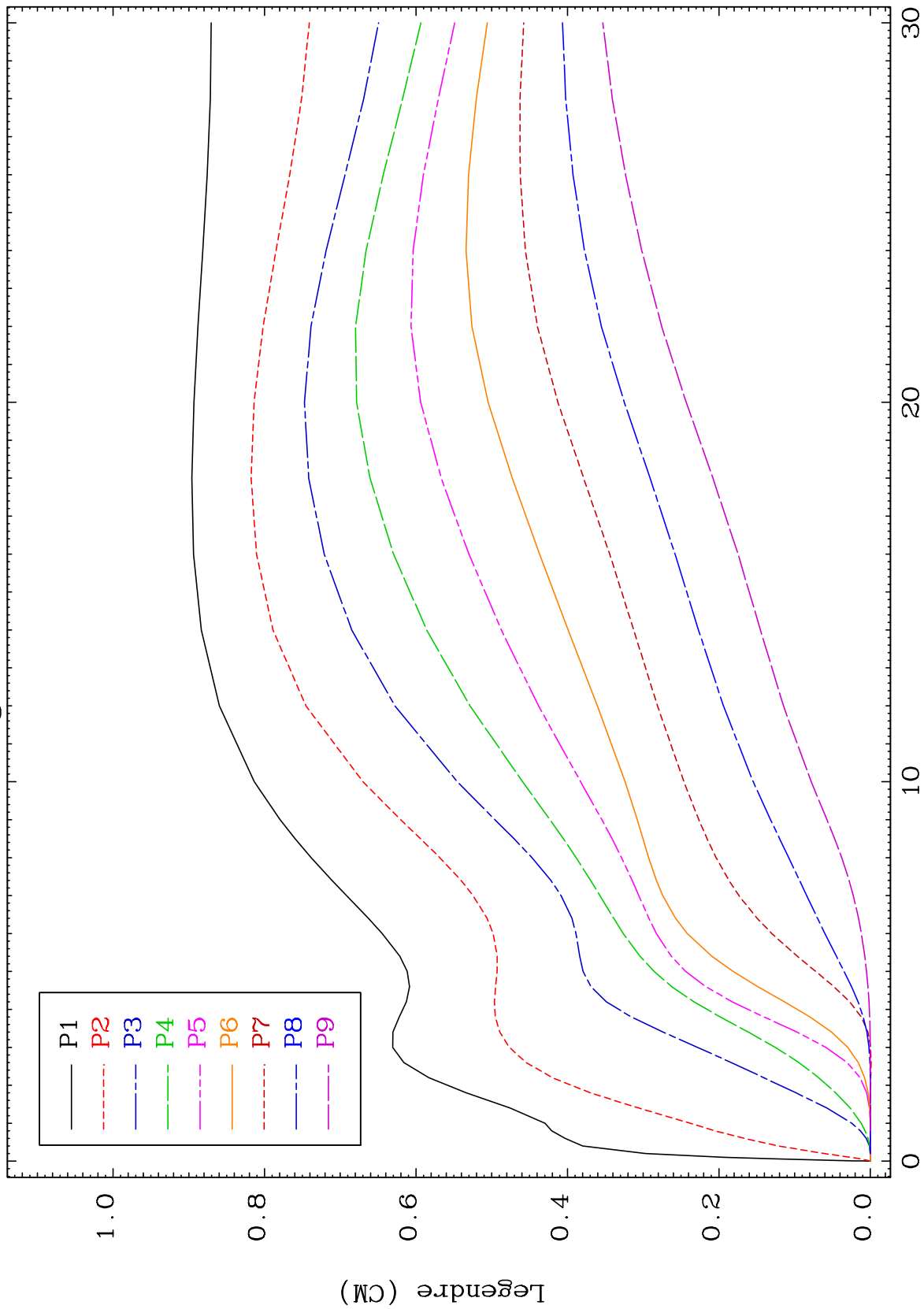
50-Sn-123



MAT 5058

Elastic Legendre Coefficients

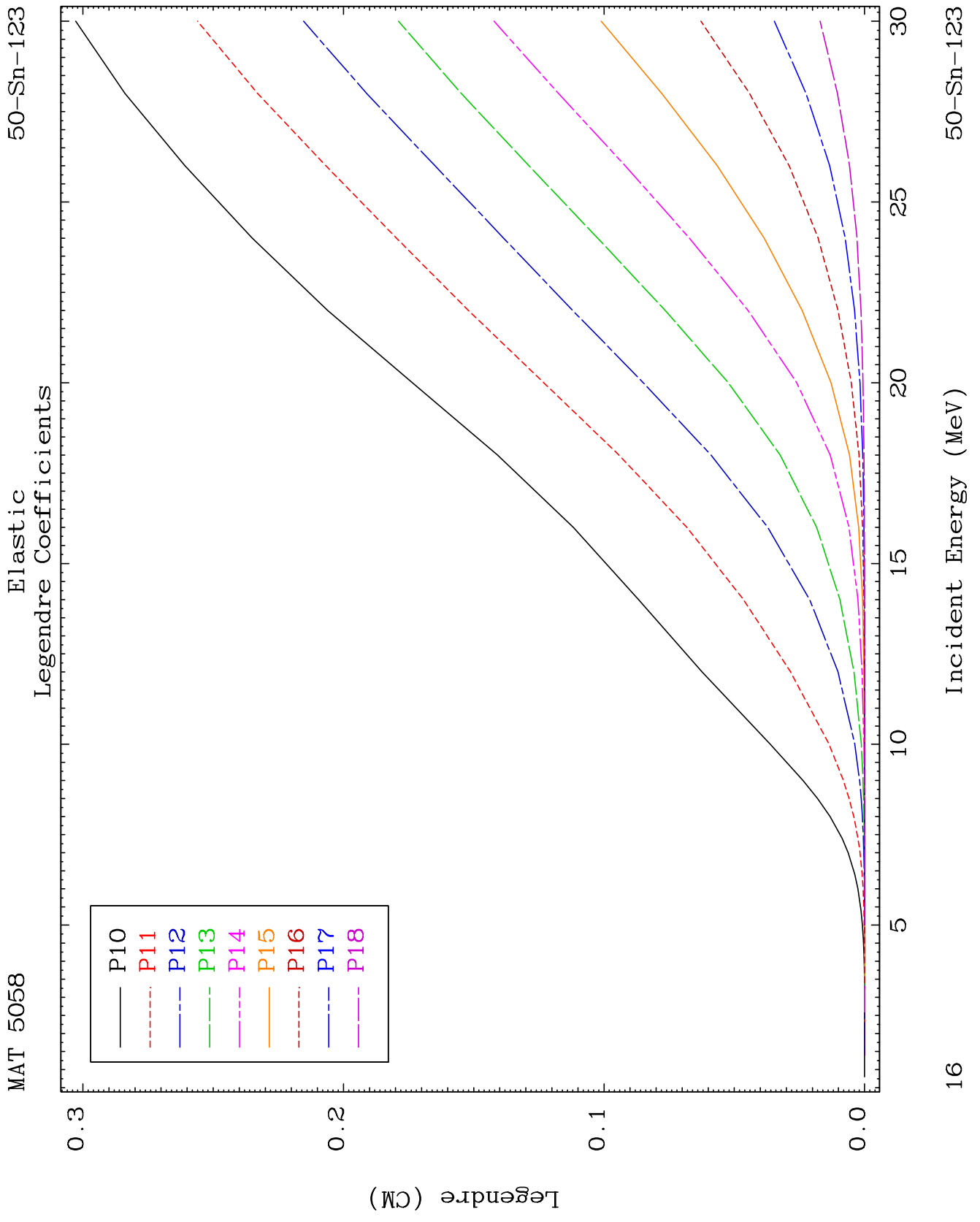
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15

Incident Energy (MeV)

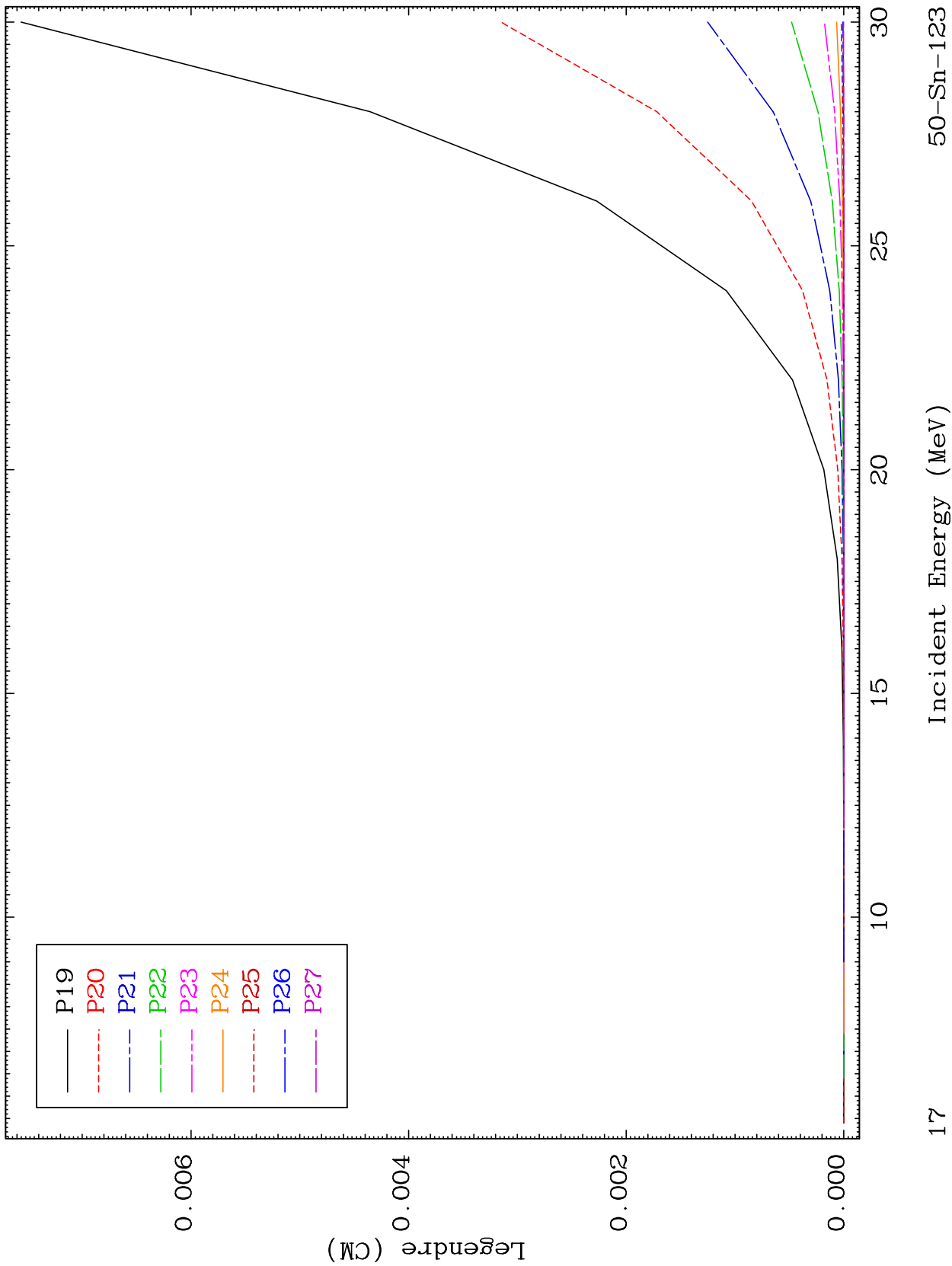
50-Sn-123



MAT 5058

Elastic Legendre Coefficients

50-Sn-123

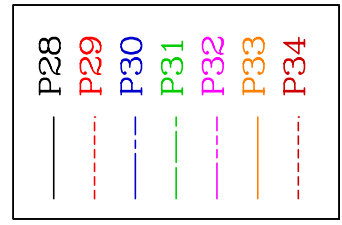


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 5058

Elastic Legendre Coefficients

50-Sn-123



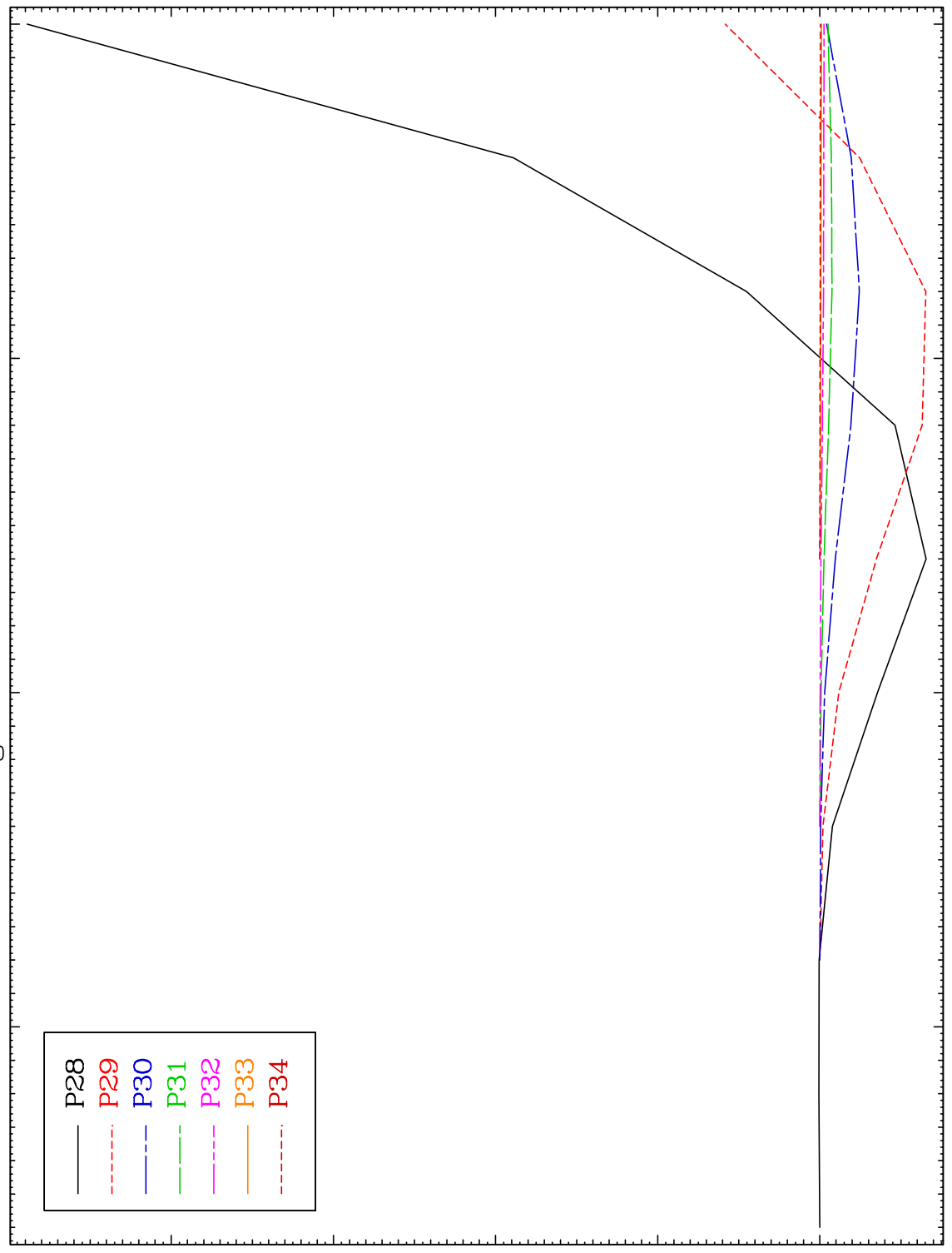
$\times 10^{-7}$

Legendre (CM)

18

Incident Energy (MeV)

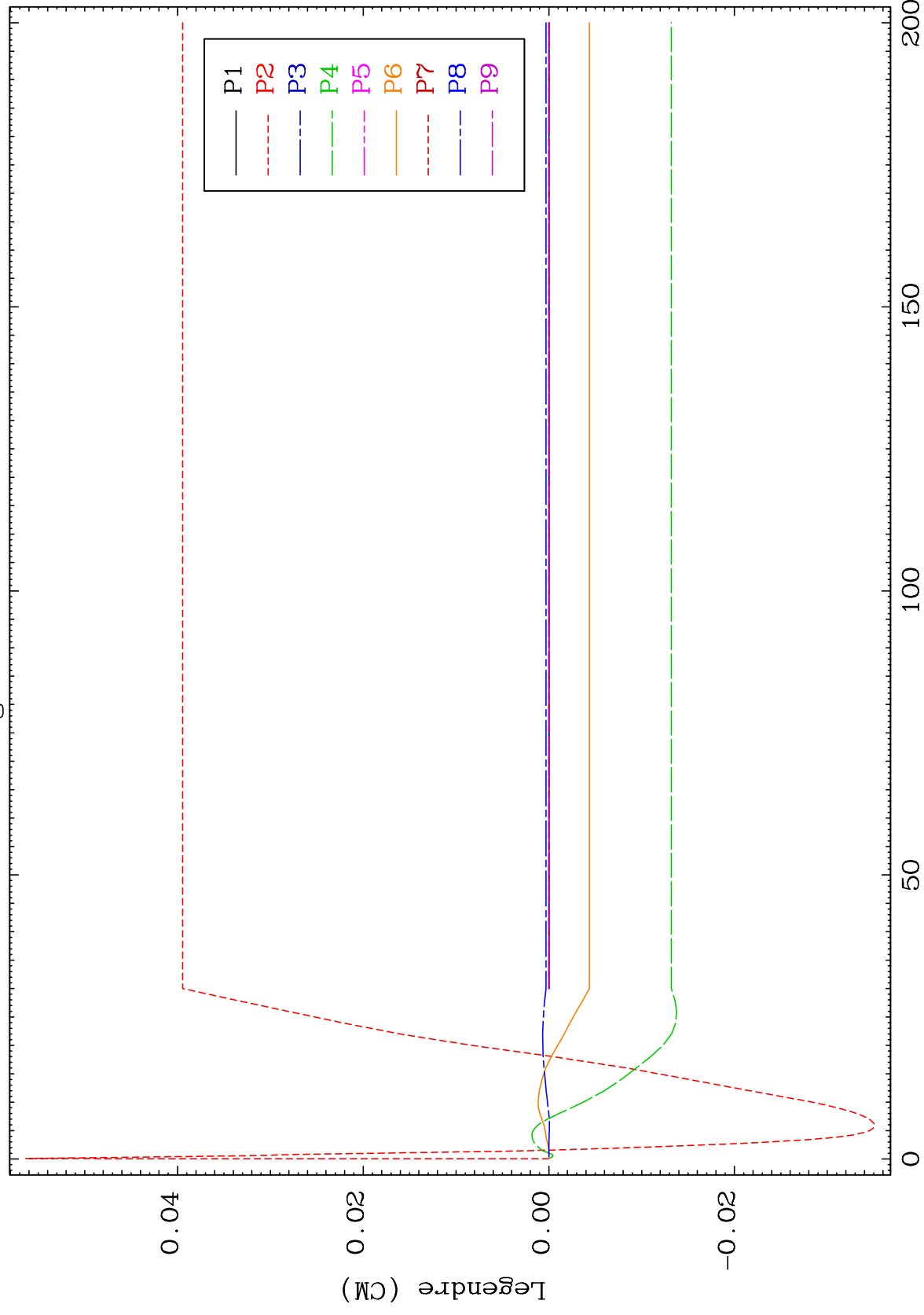
50-Sn-123



MAT 5058

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

50-Sn-123



50-Sn-123

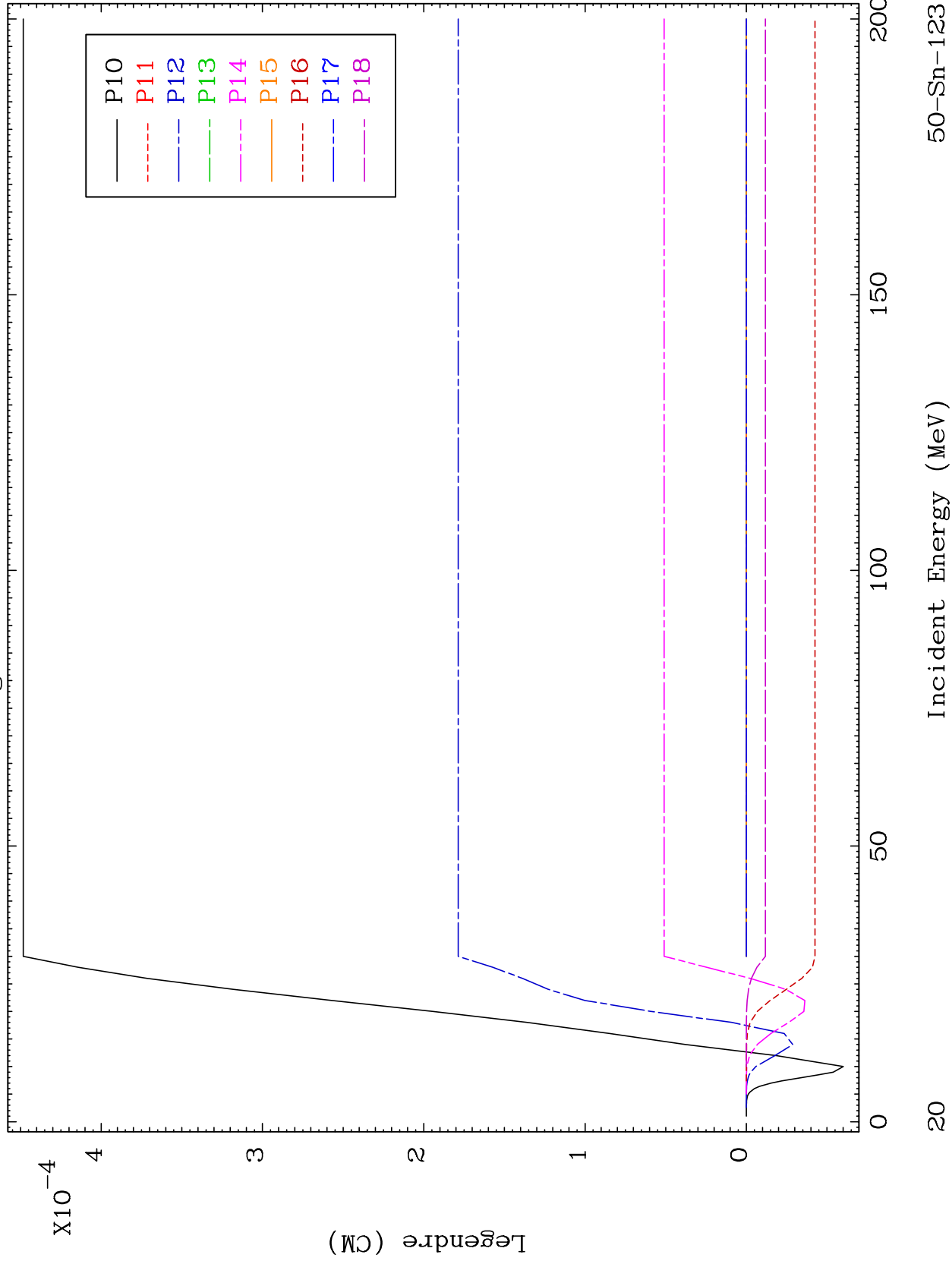
Incident Energy (MeV)

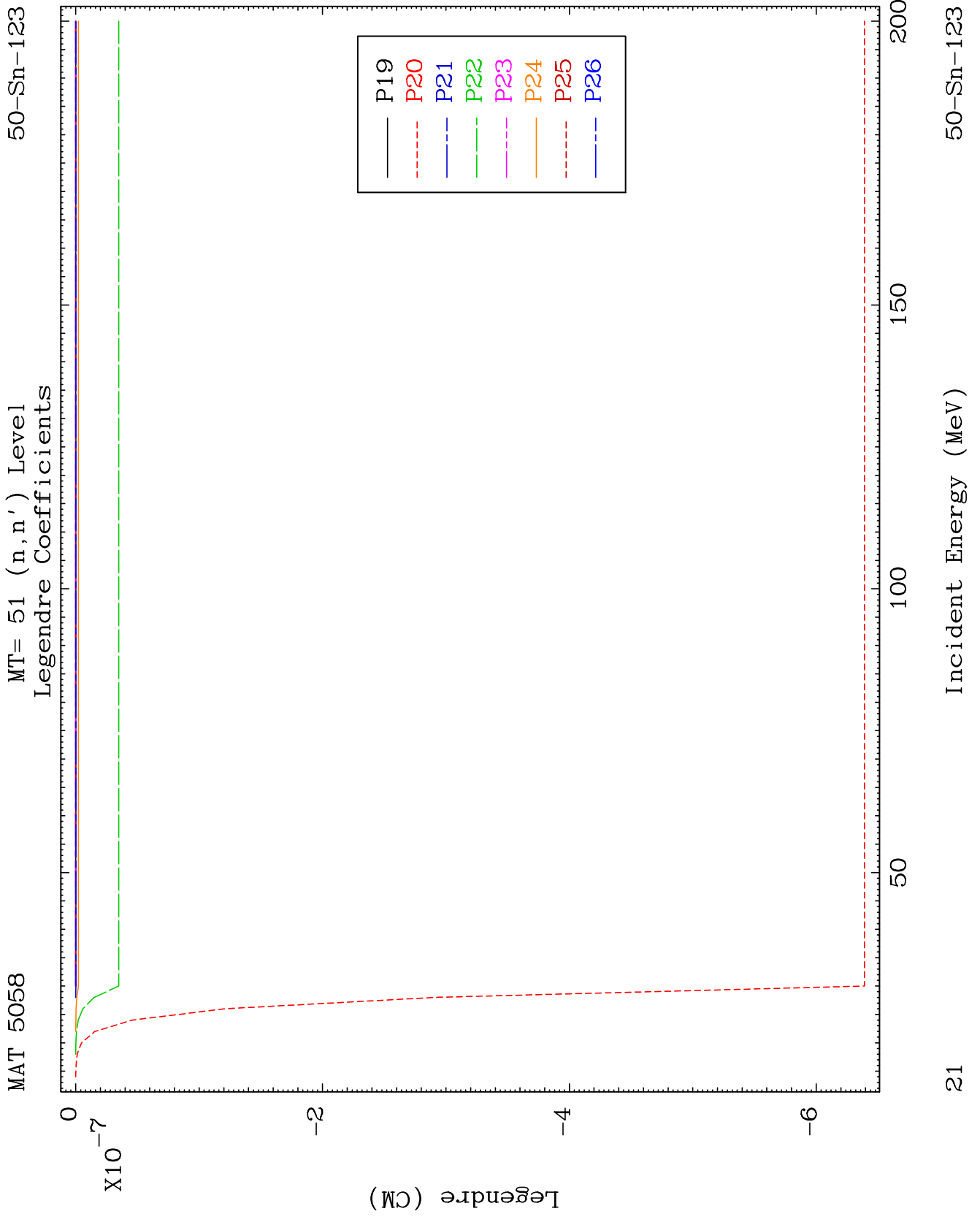
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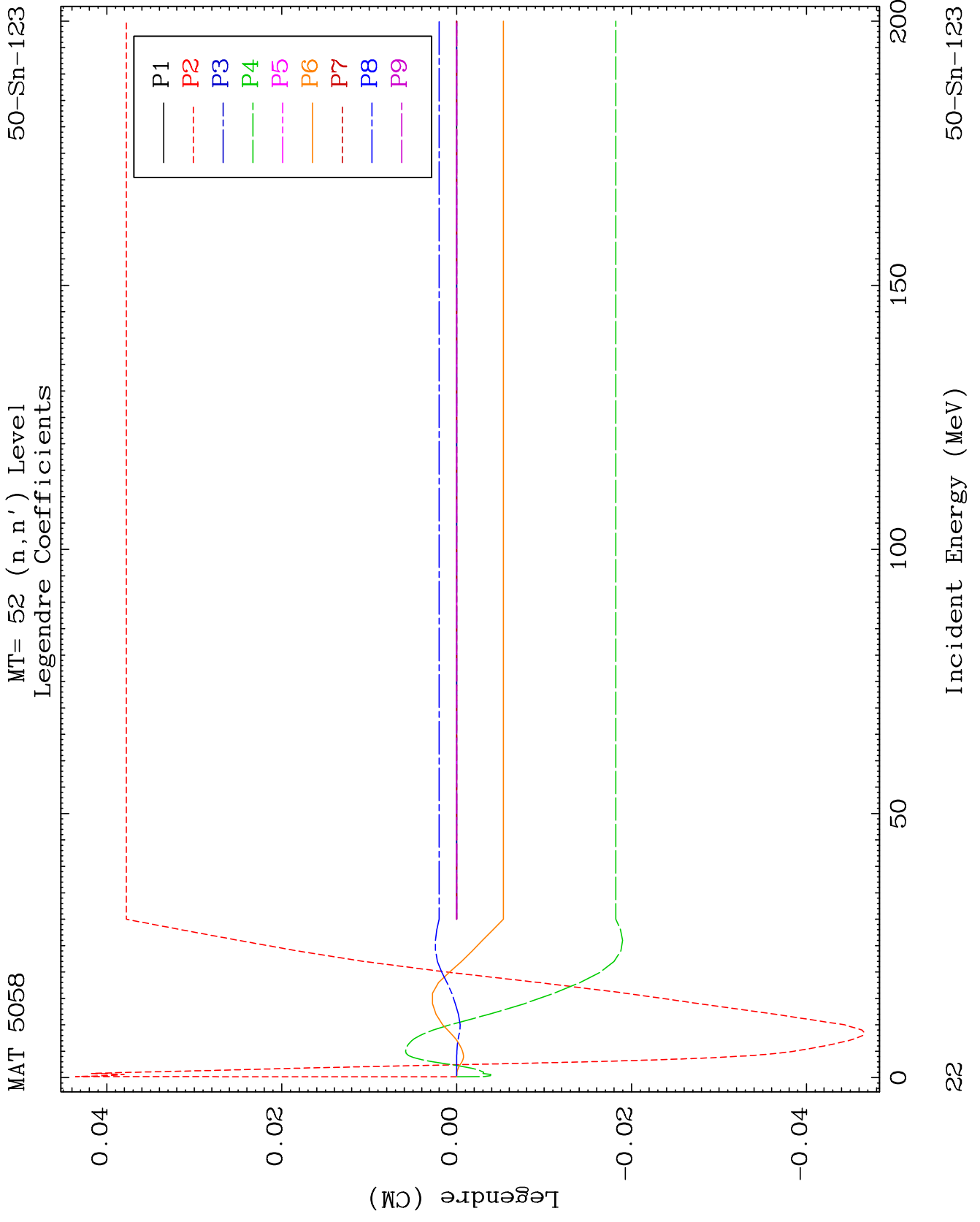
MAT 5058

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

50-Sn-123



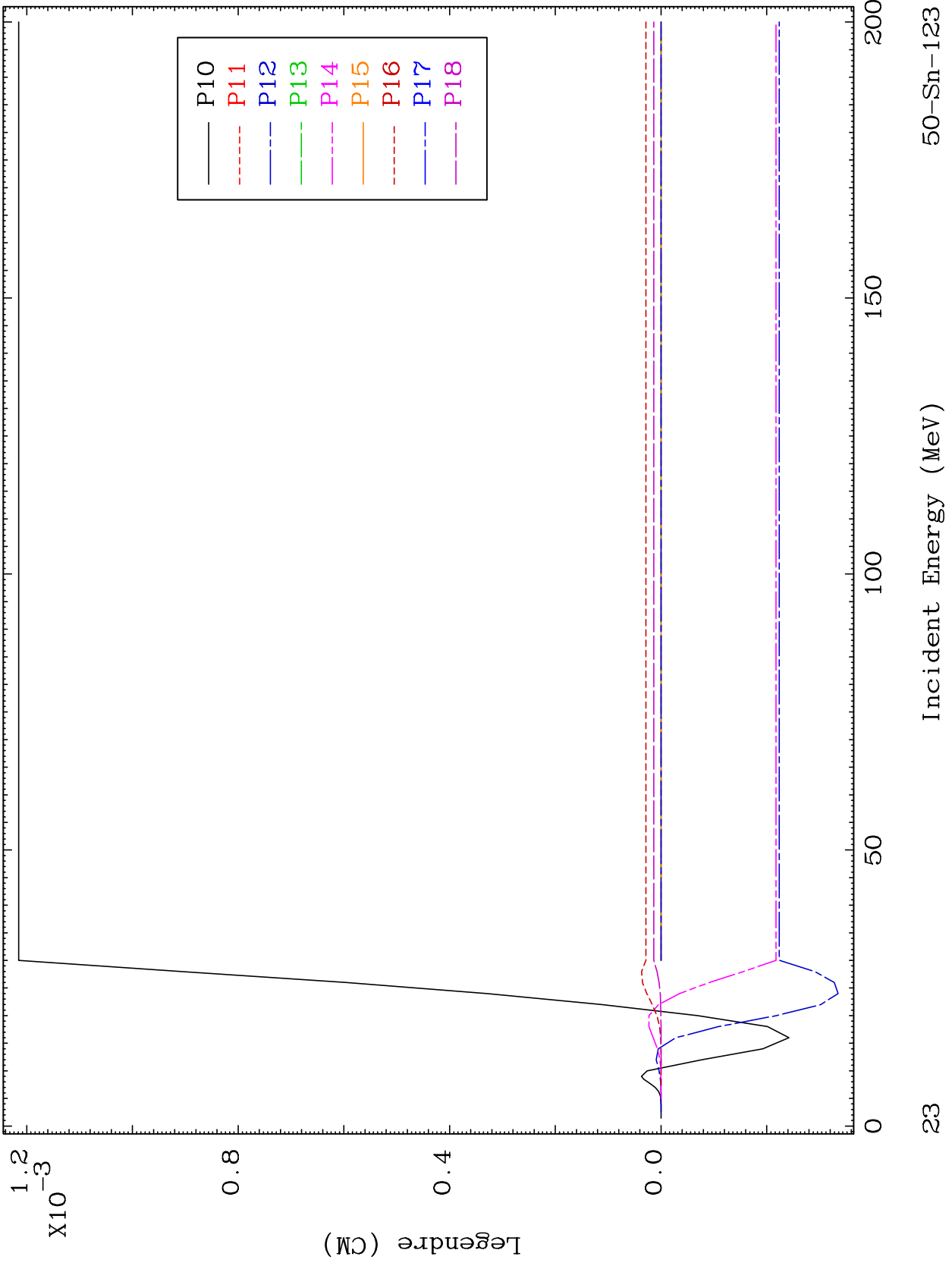




MAT 5058

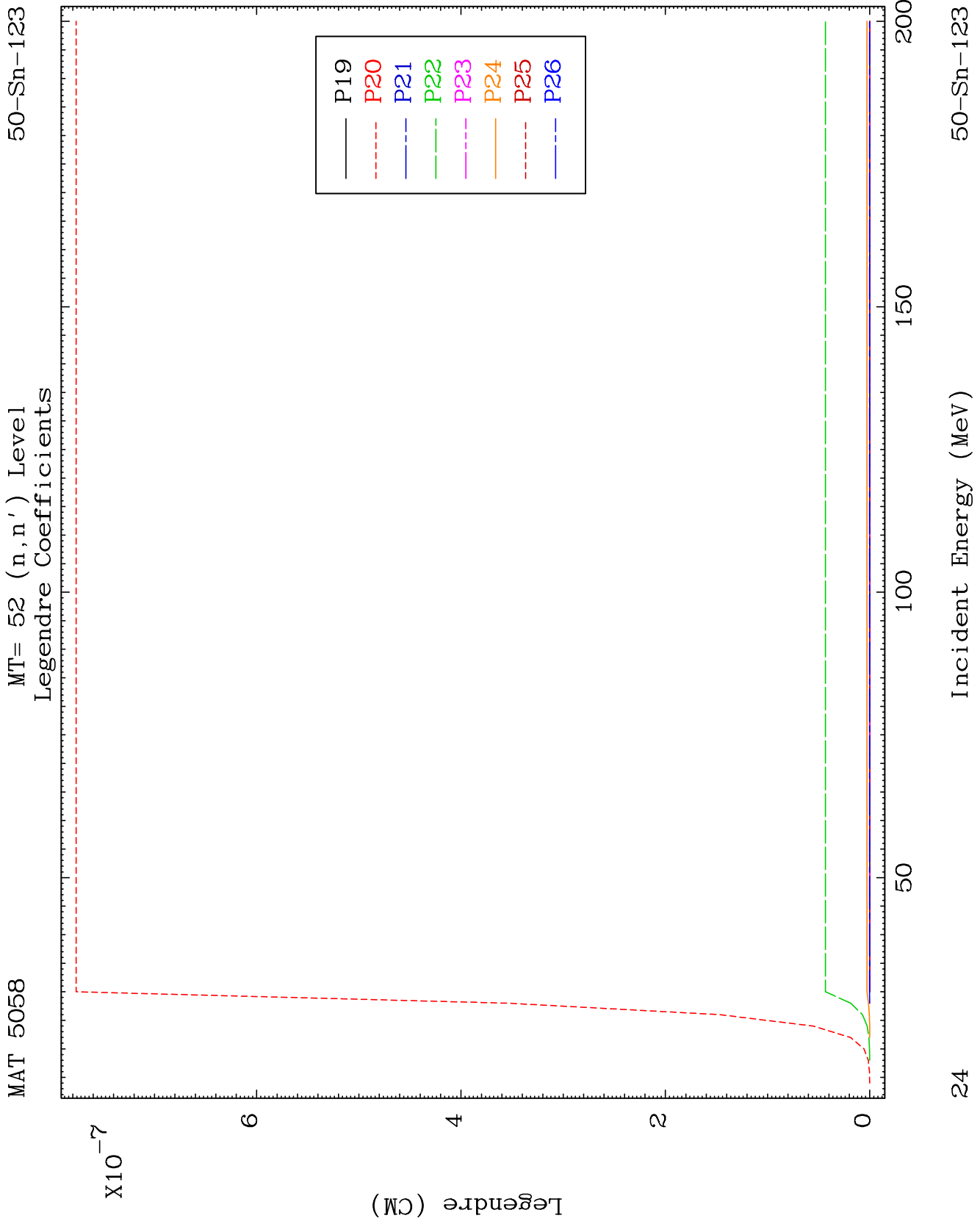
MT= 52 (n,n') Level
Legendre Coefficients

50-Sn-123



23

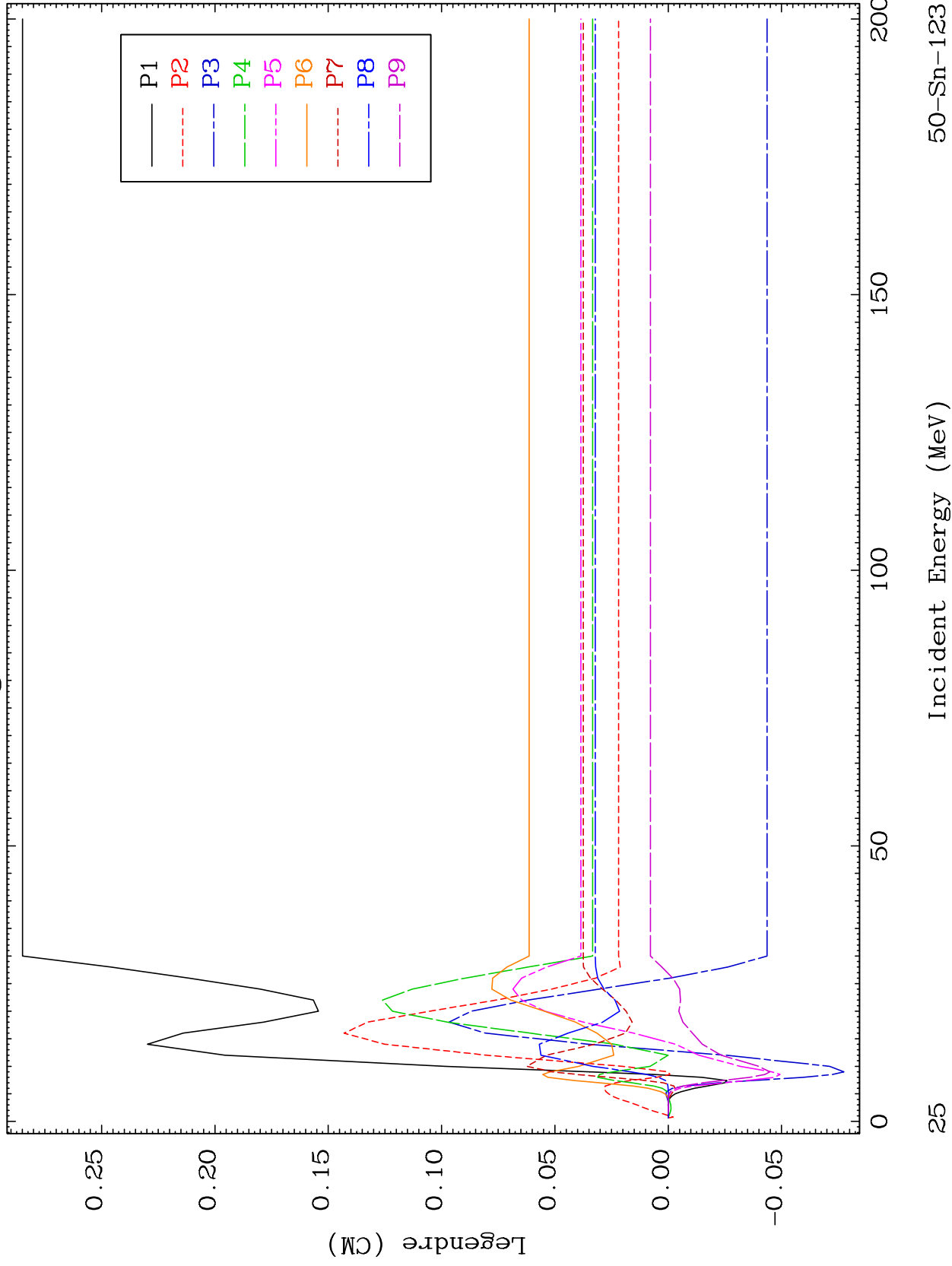
50-Sn-123



MAT 5058

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

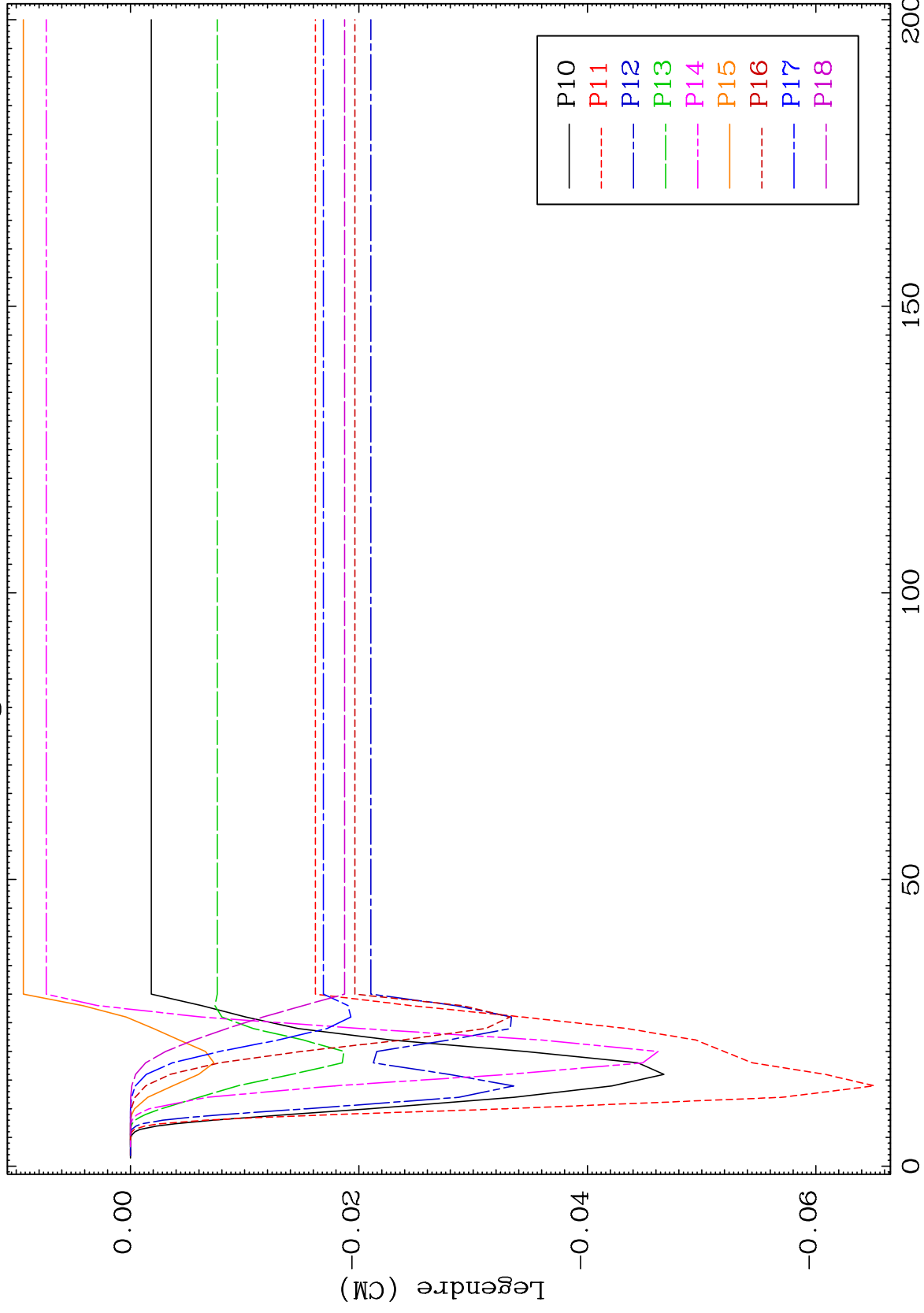
50-Sn-123



MAT 5058

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

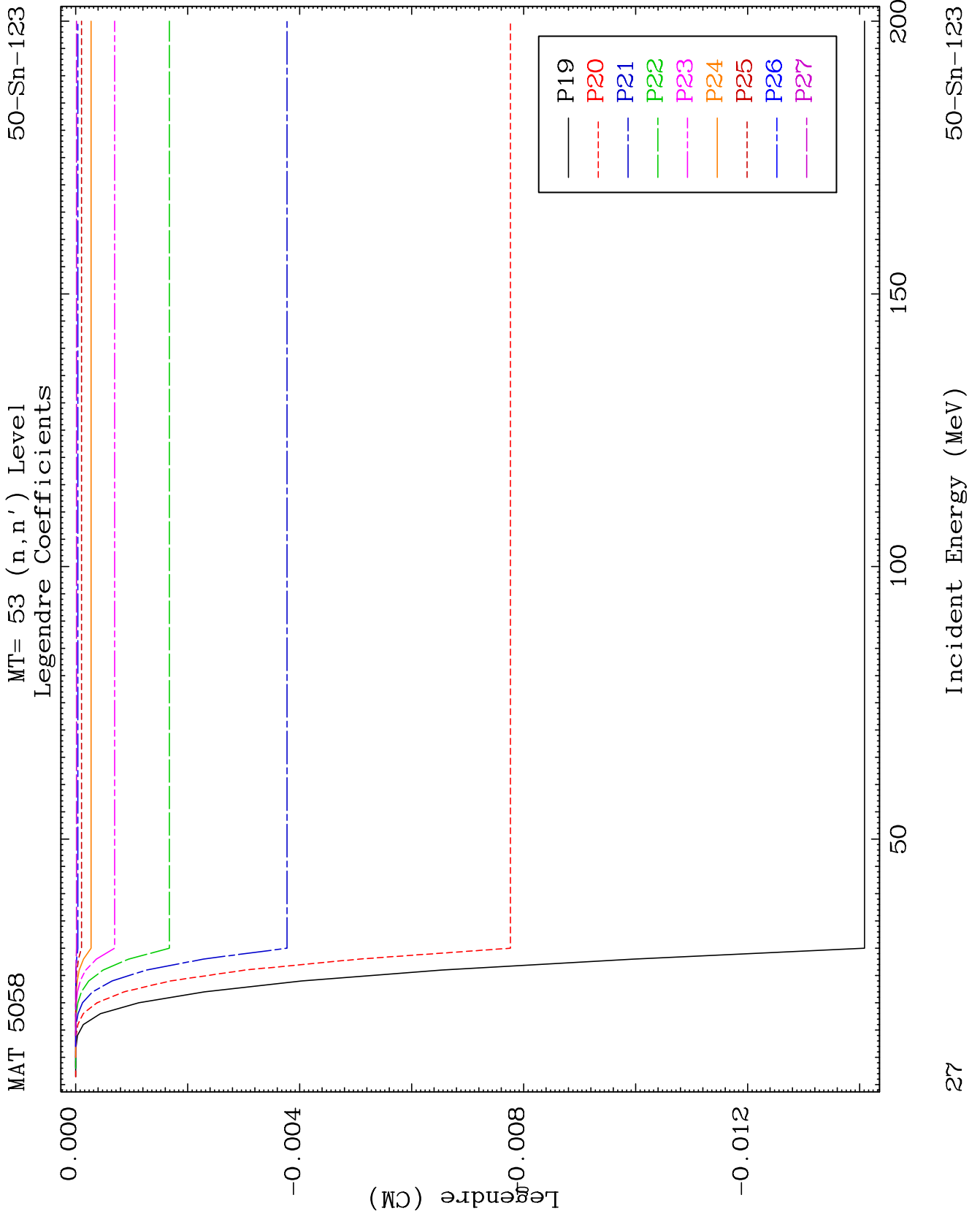
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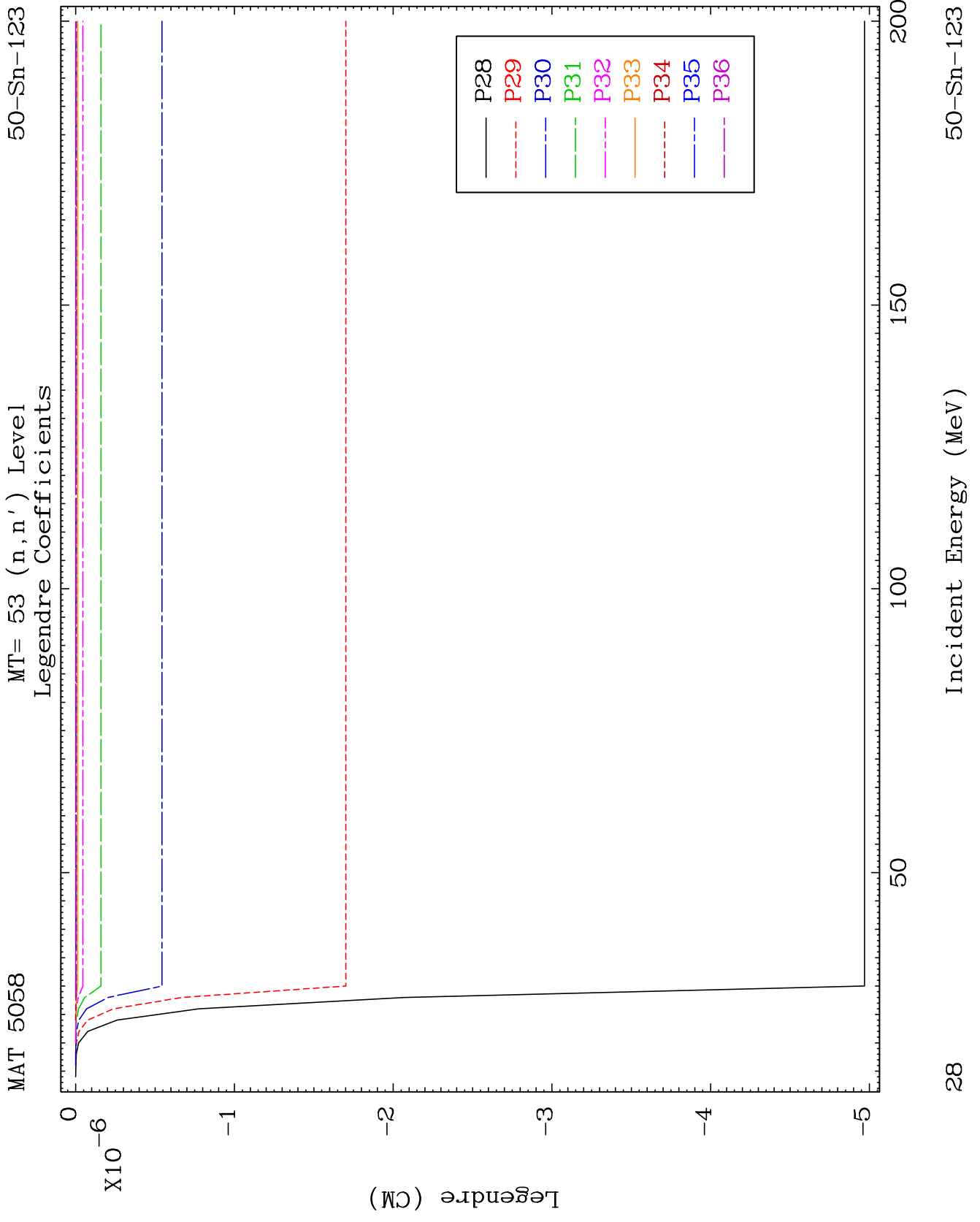


26

Incident Energy (MeV)

50-Sn-123

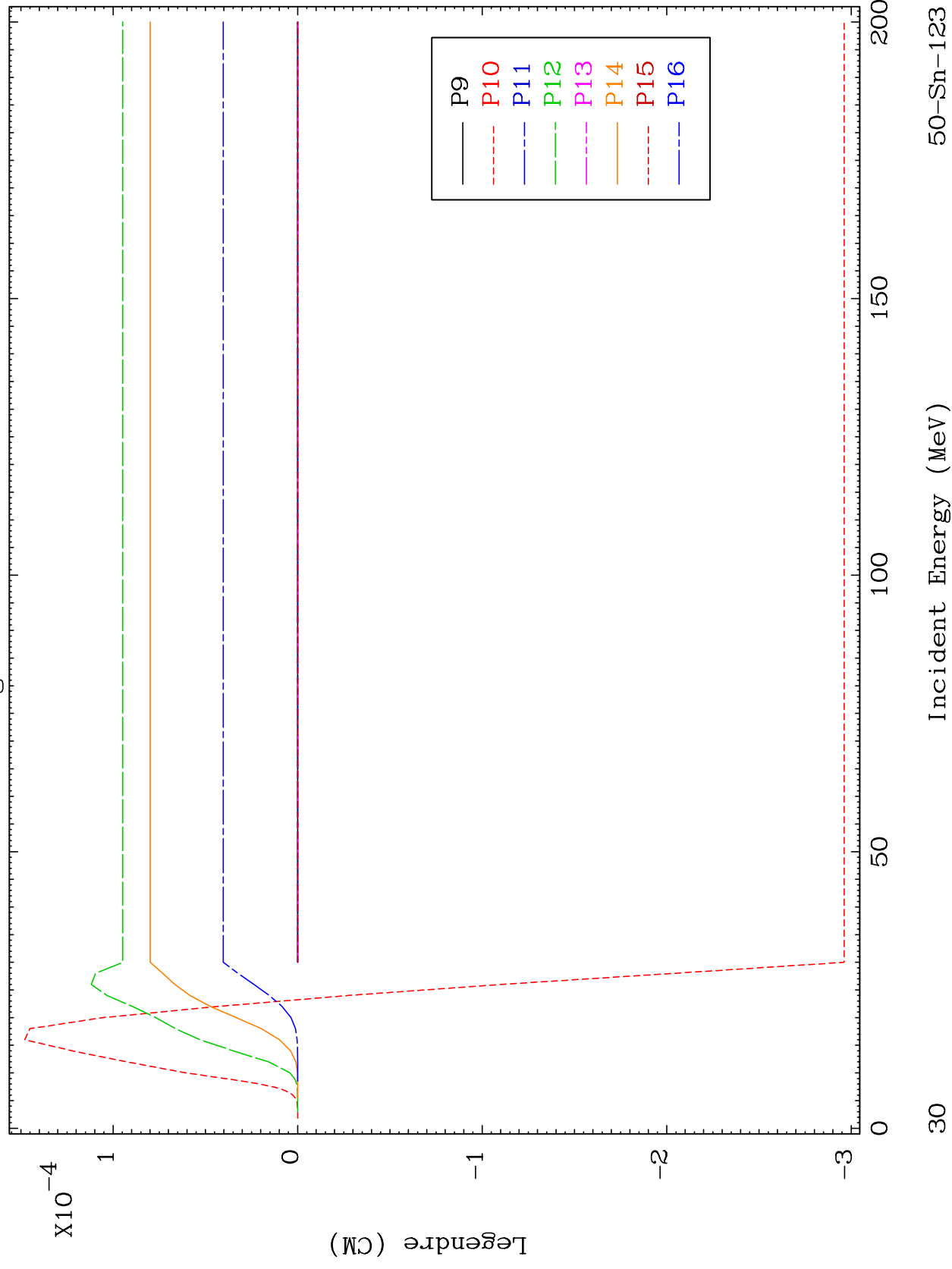


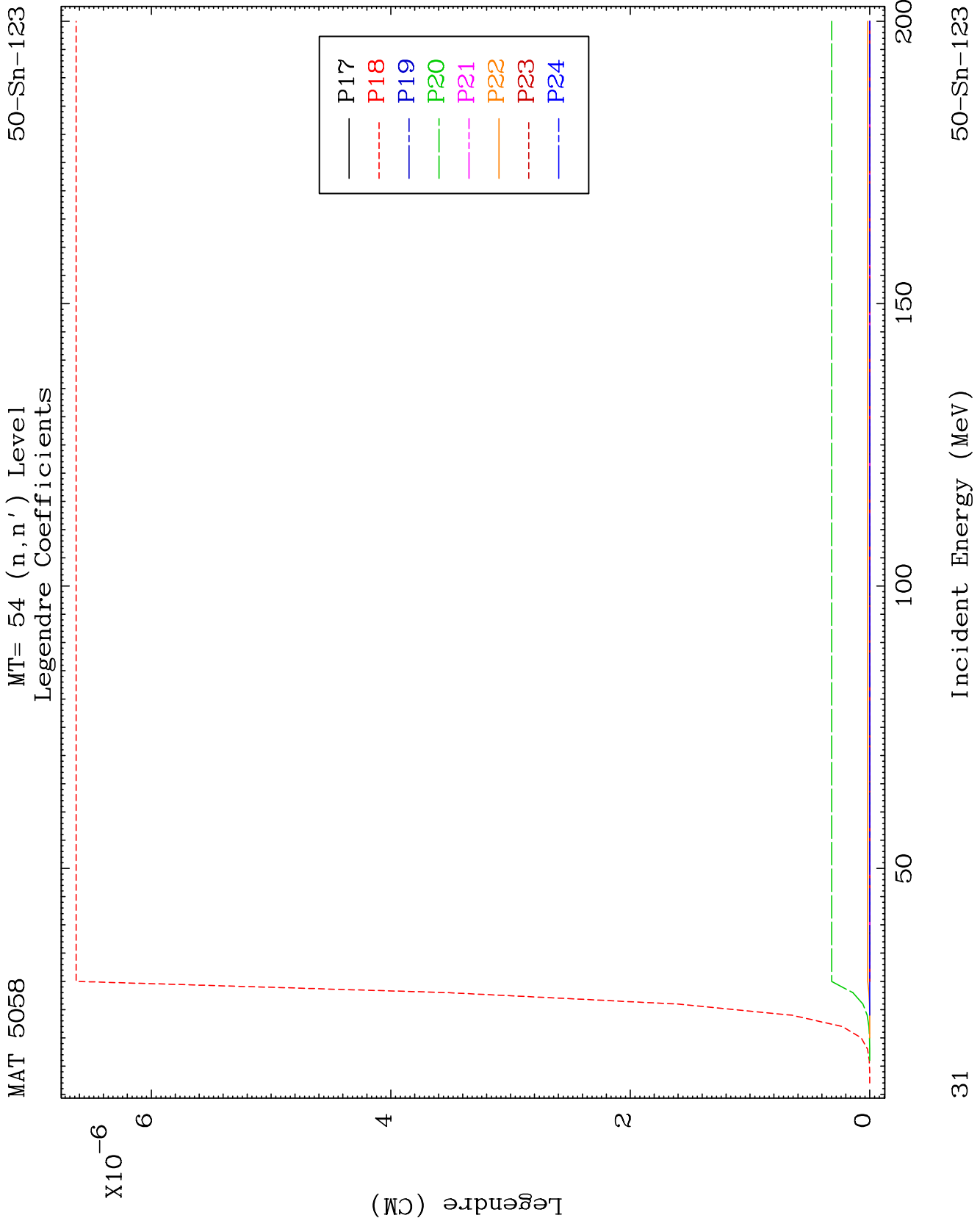


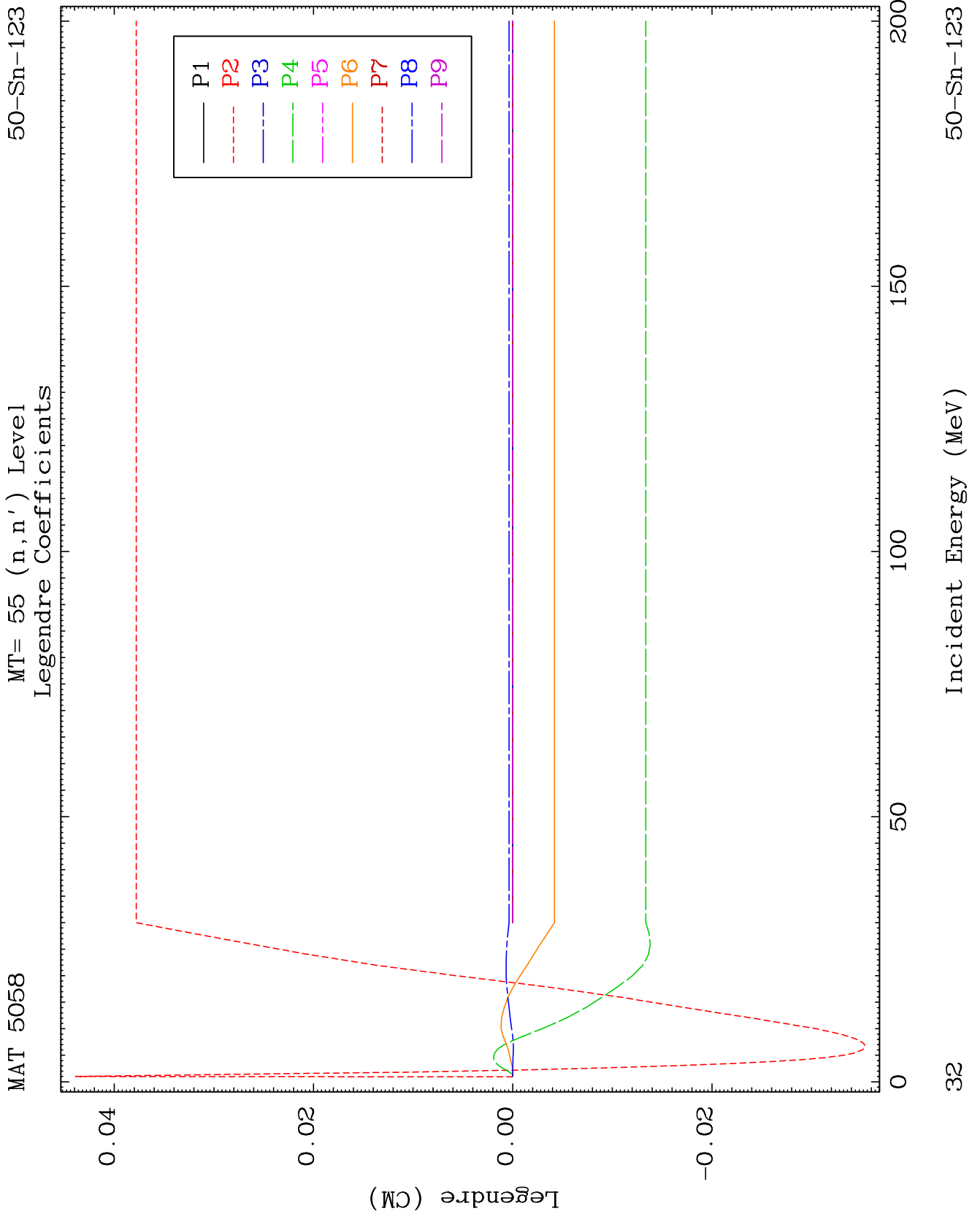
MAT 5058

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

50-Sn-123



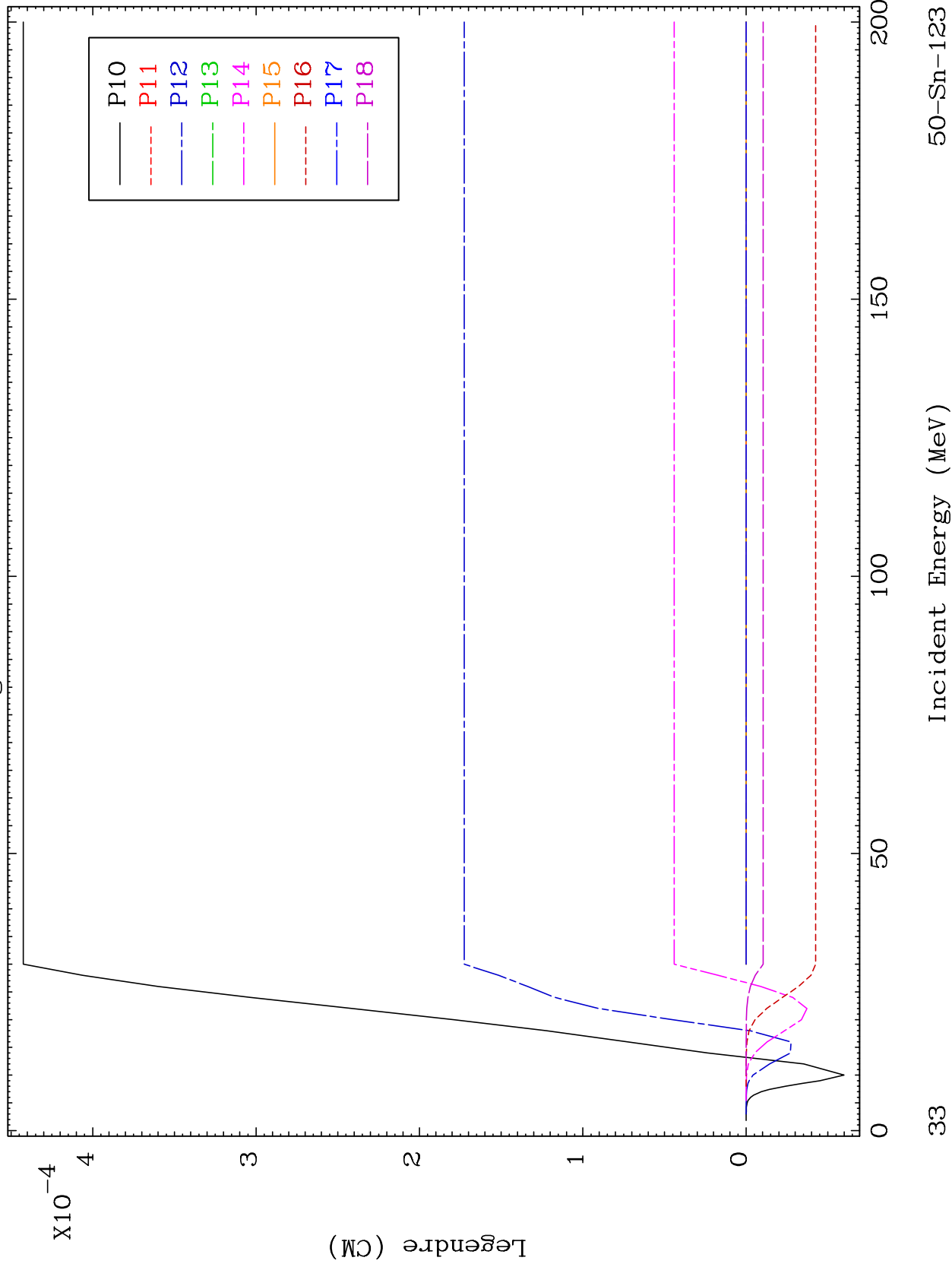




MAT 5058

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

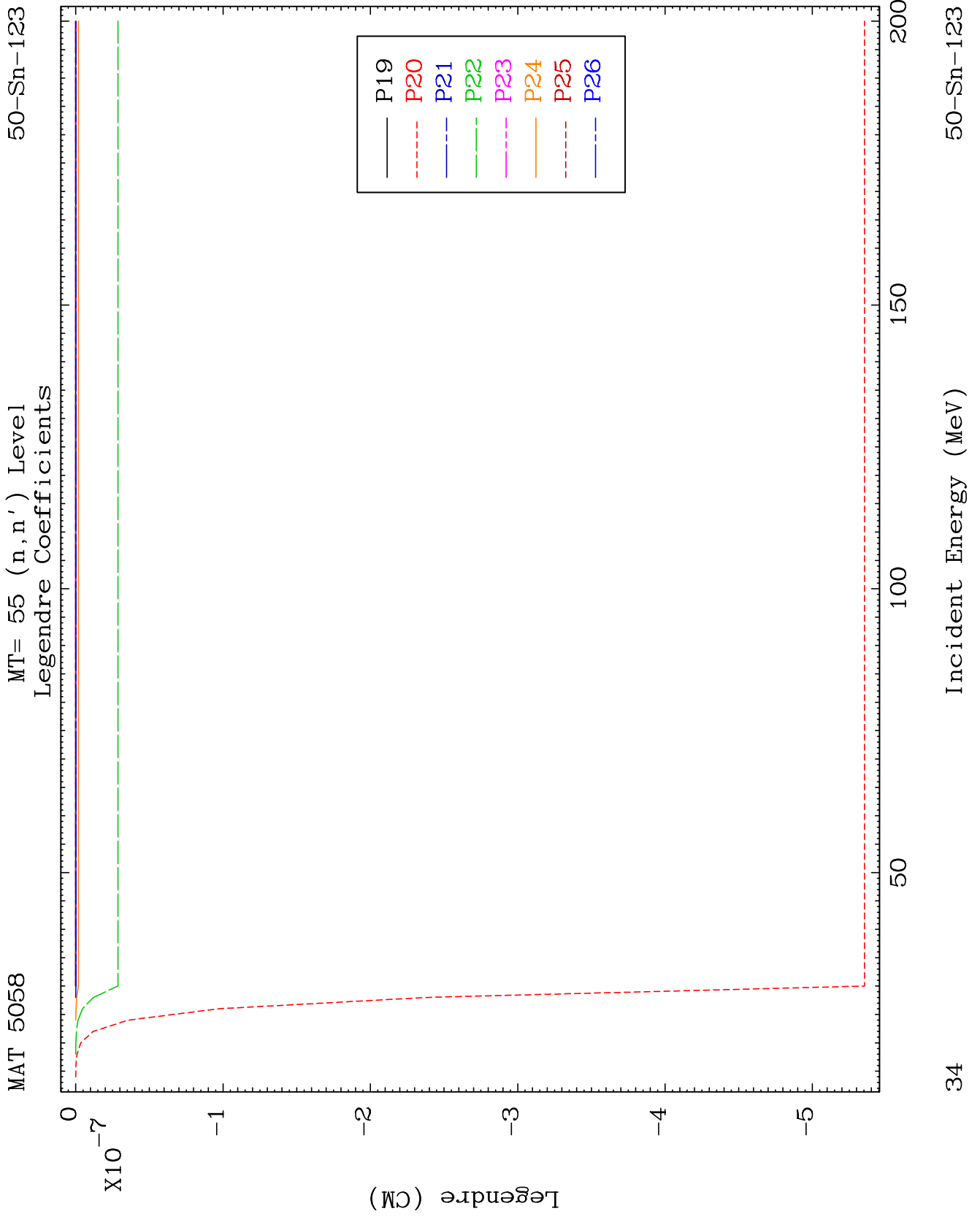
50-Sn-123



50-Sn-123

Incident Energy (MeV)

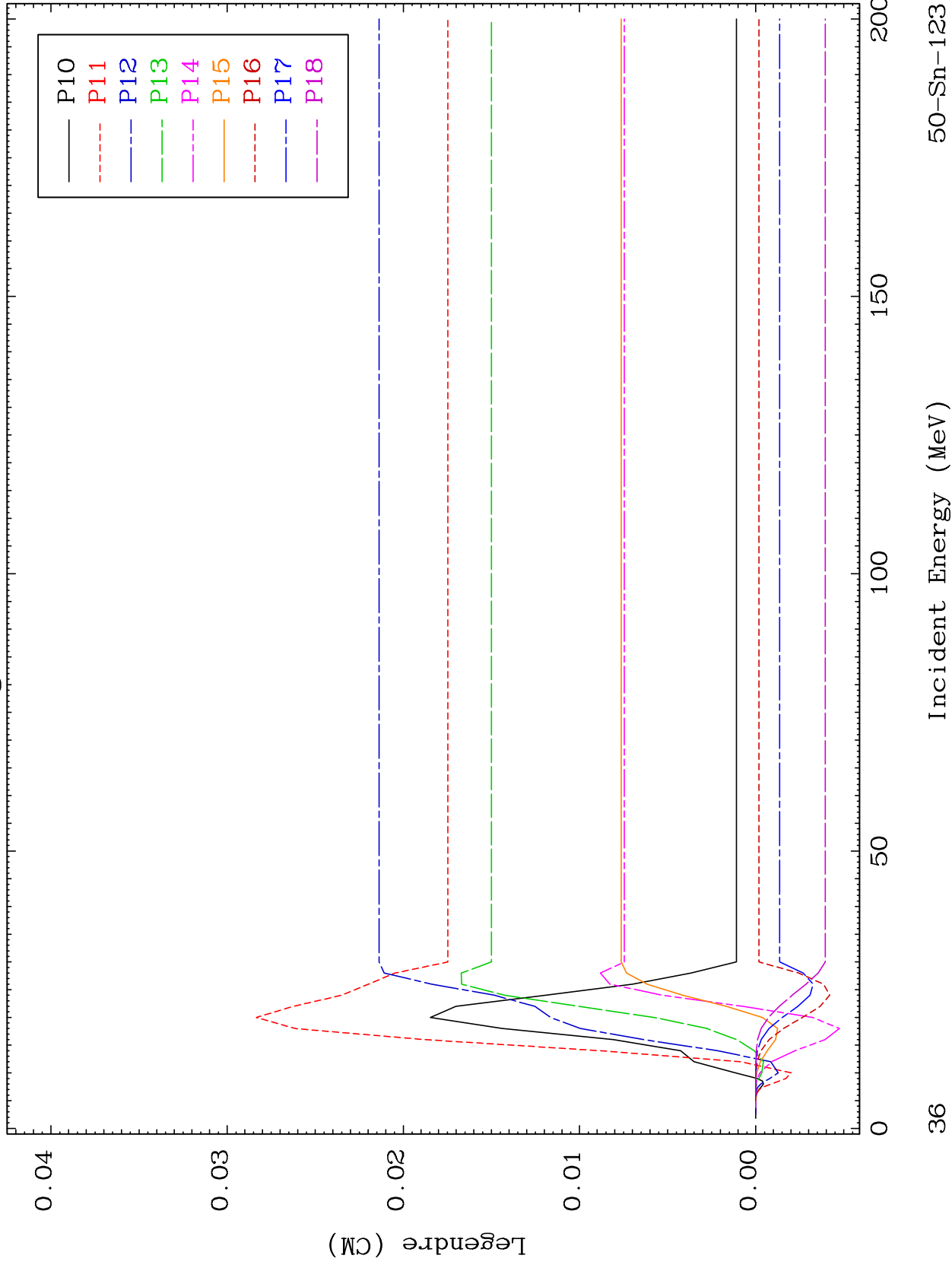
33



MAT 5058

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

50-Sn-123



36

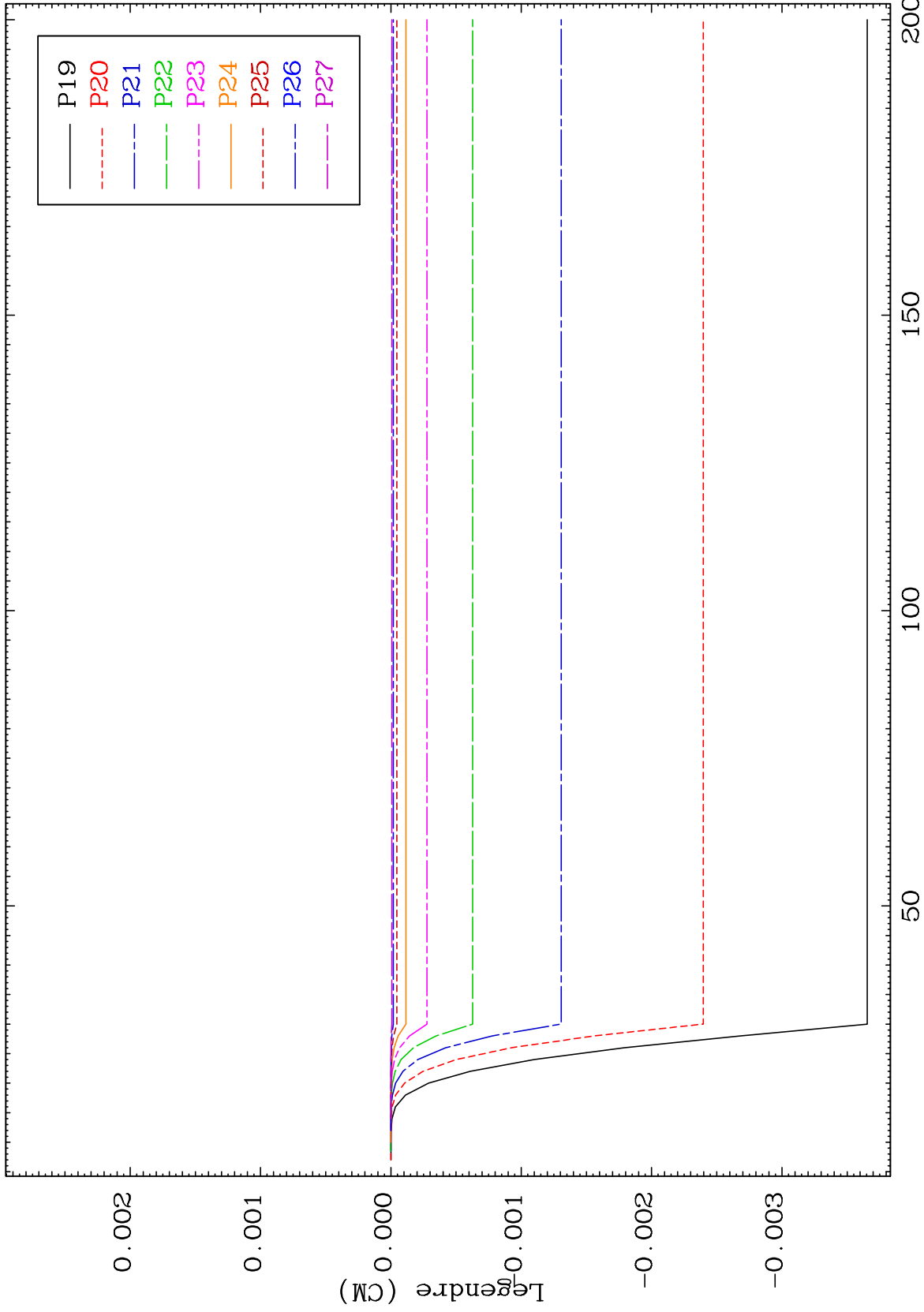
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

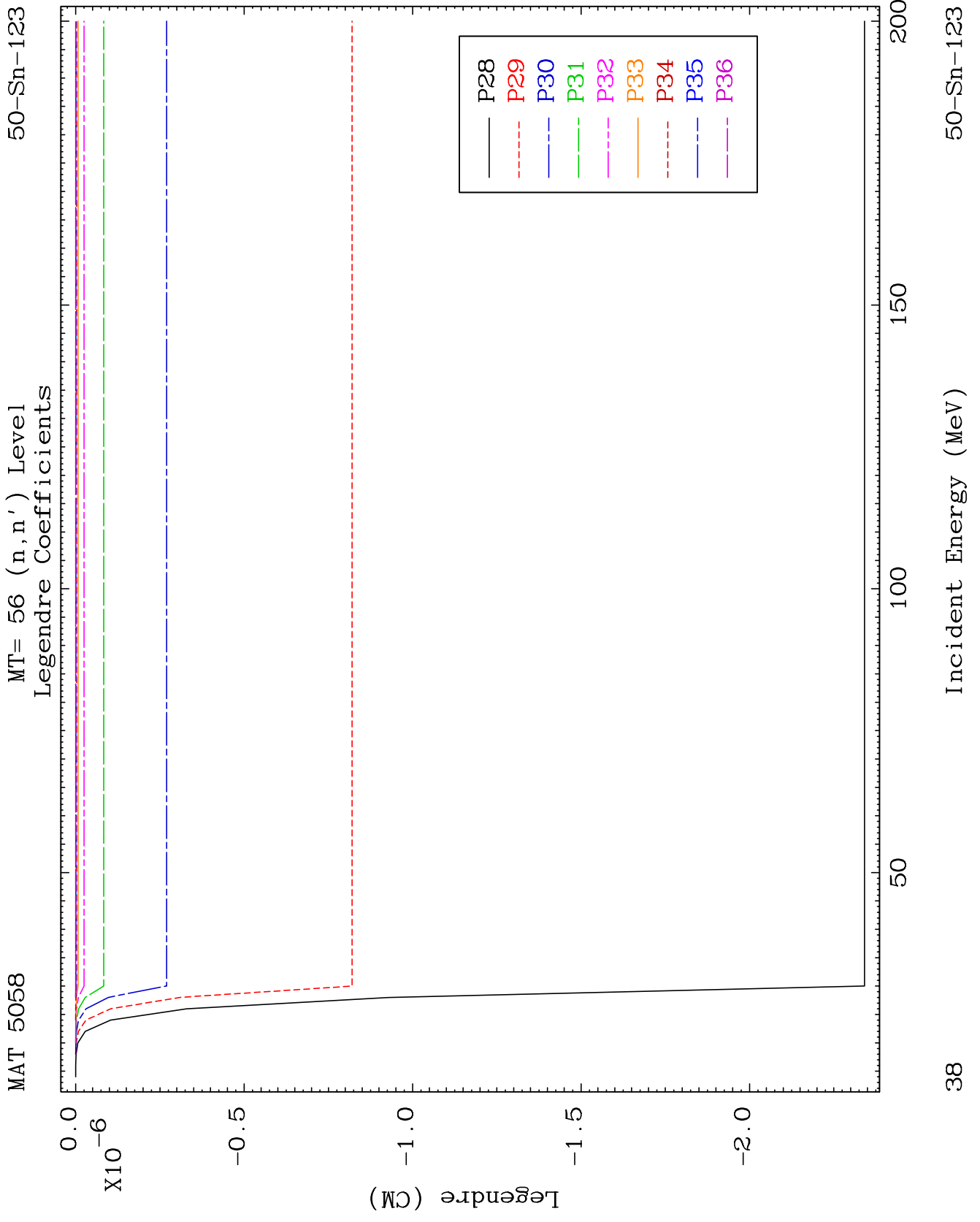
50-Sn-123



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Incident Energy (MeV)

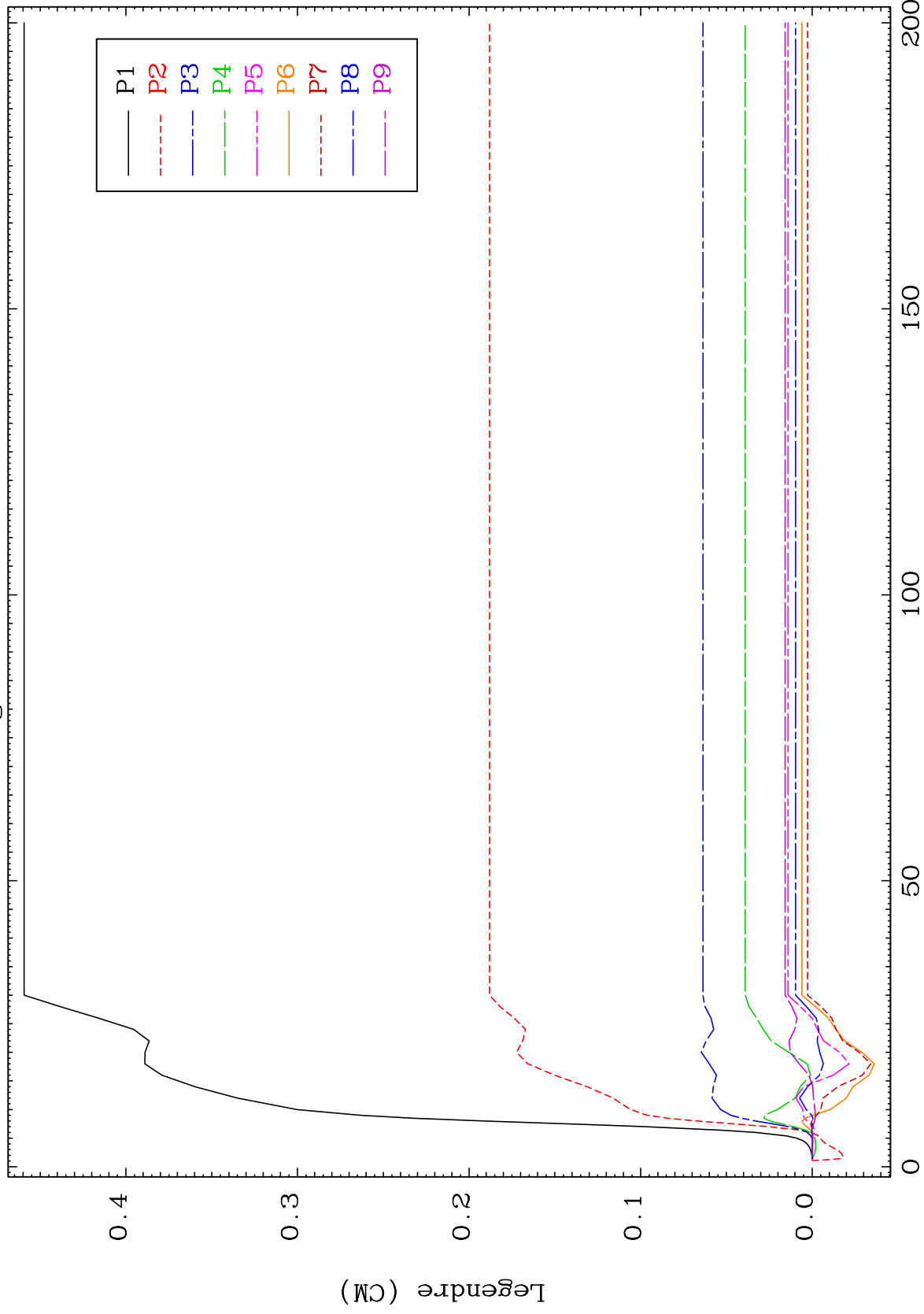
50-Sn-123



MAT 5058

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

50-Sn-123



39

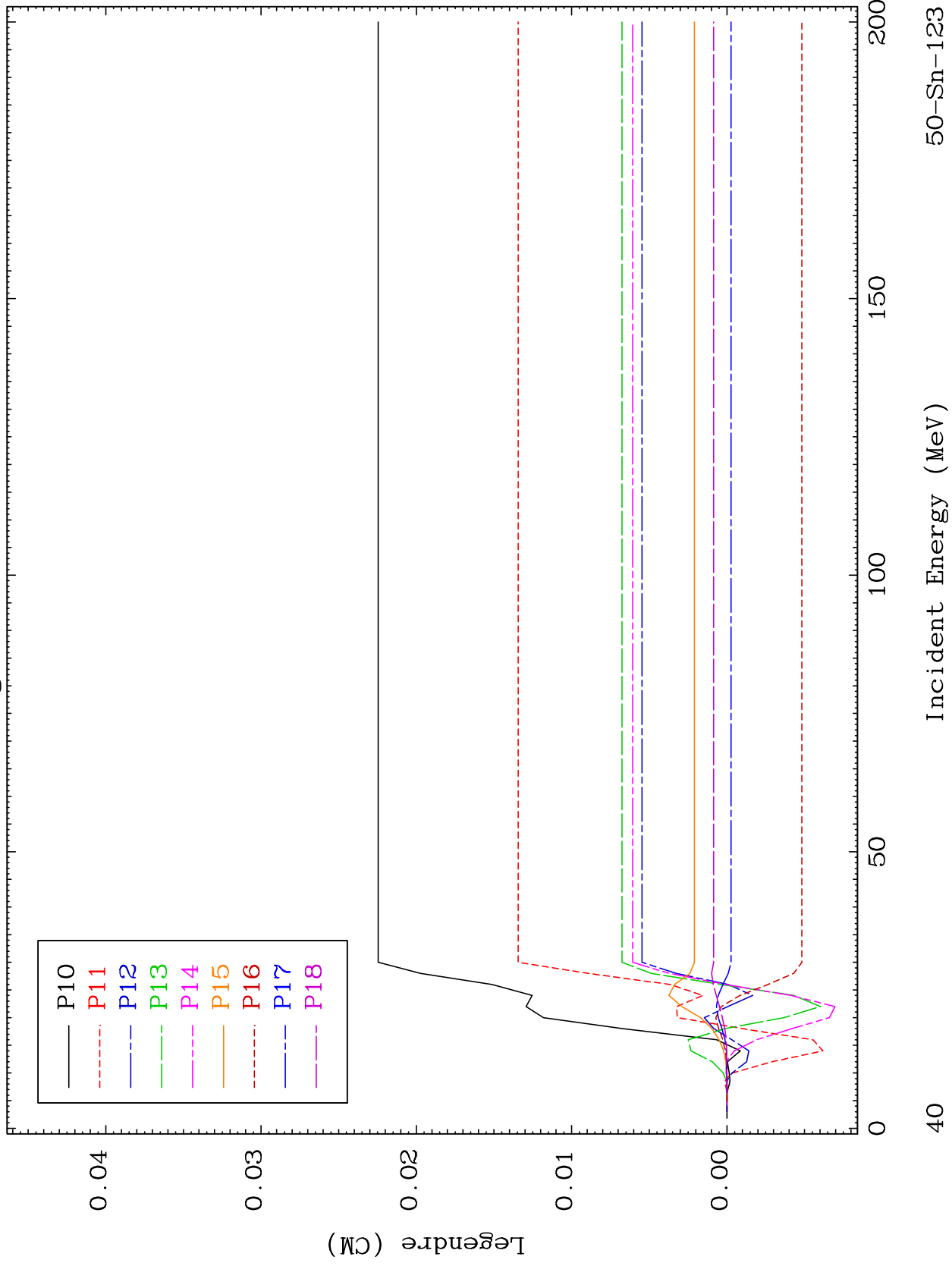
Incident Energy (MeV)

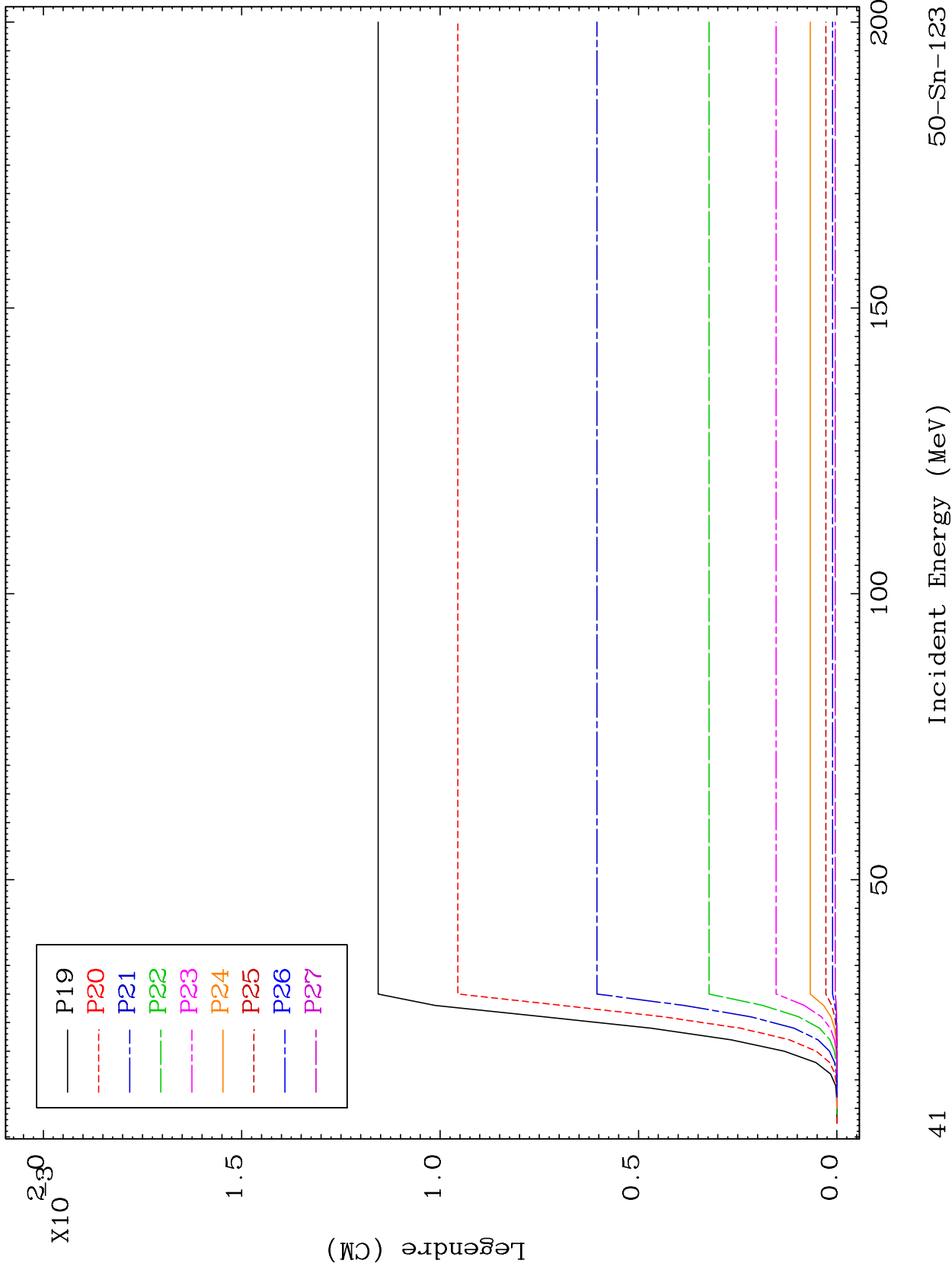
50-Sn-123

MAT 5058

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

50-Sn-123

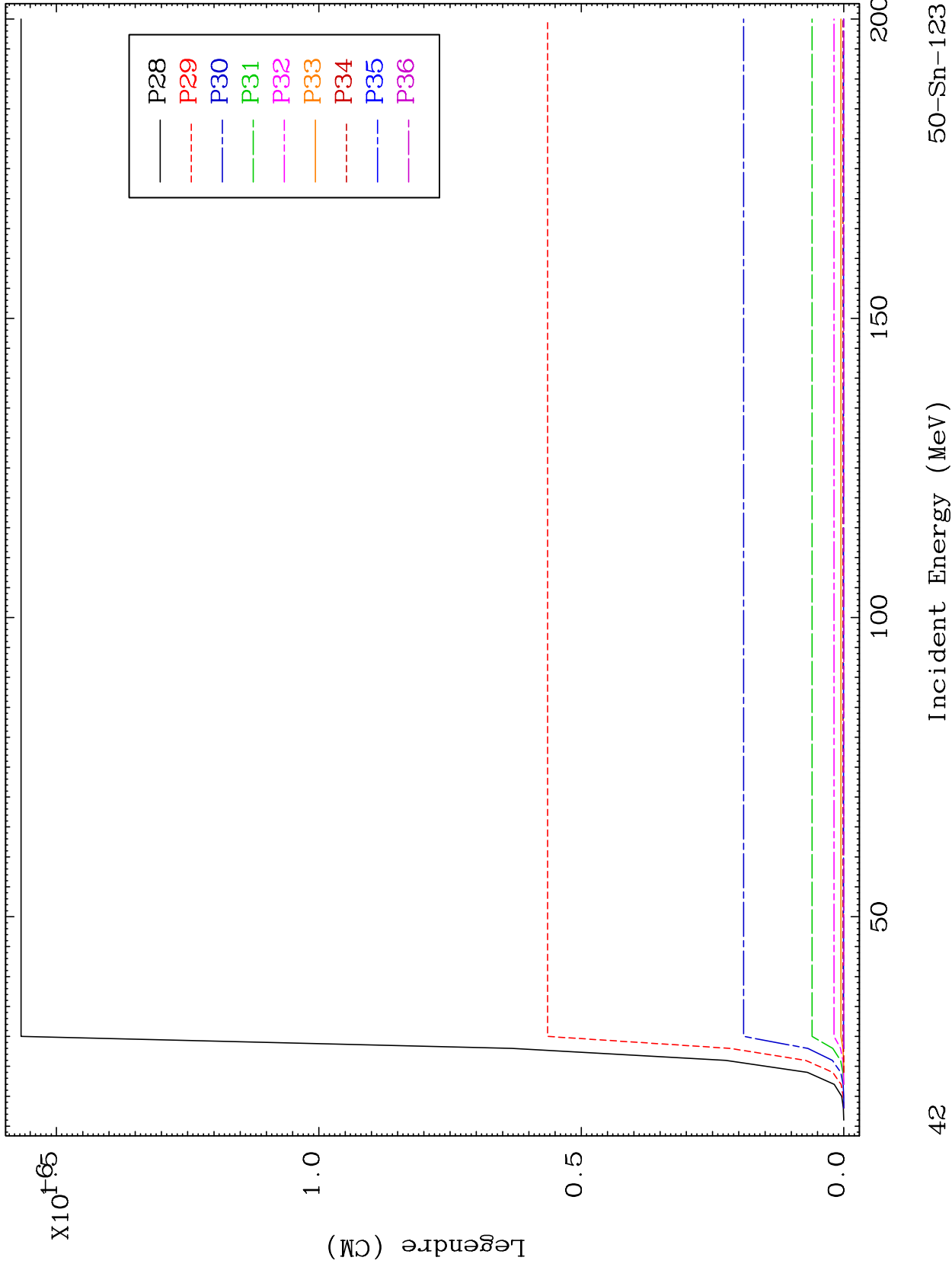




MAT 5058

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

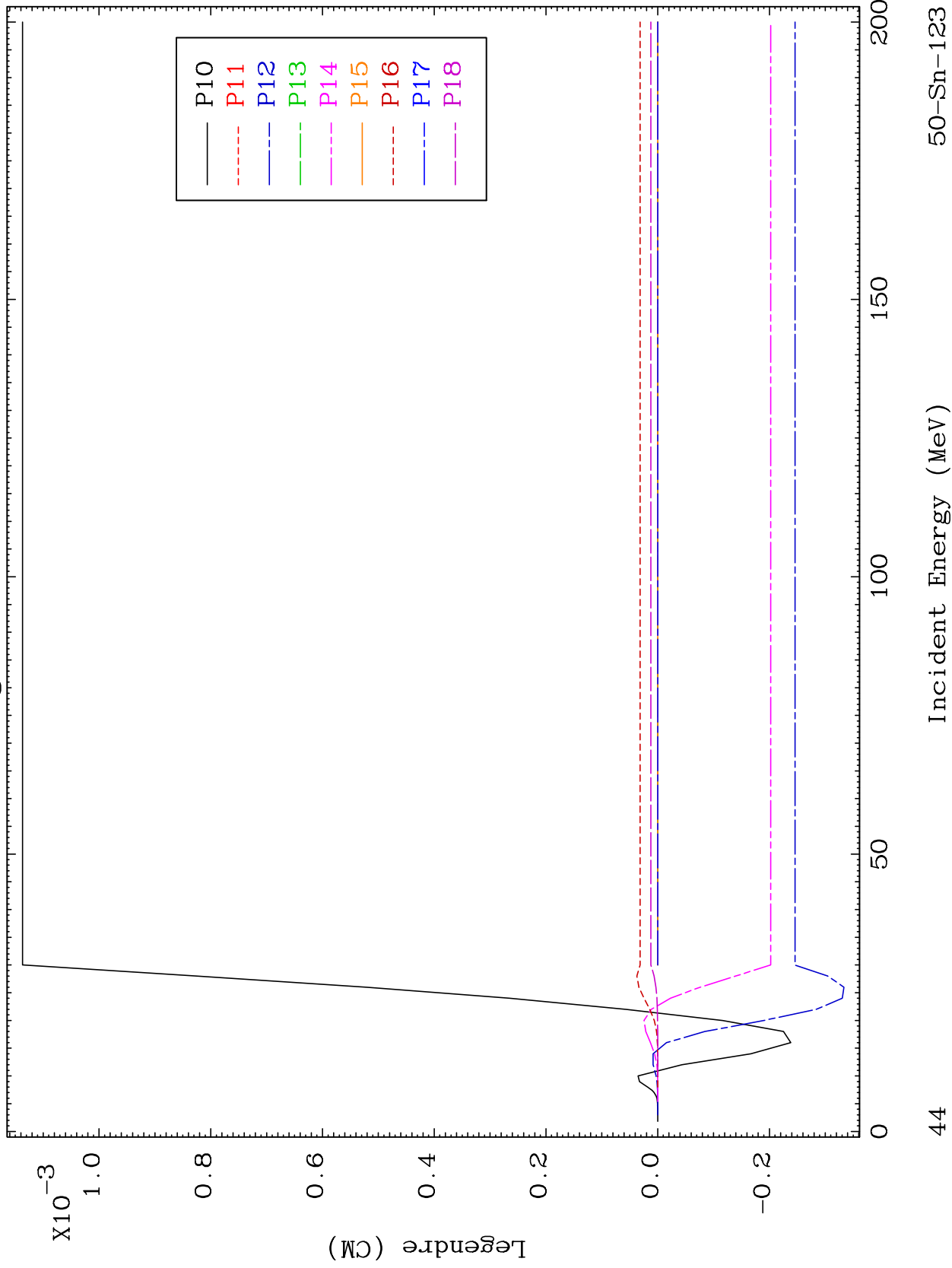
50-Sn-123



MAT 5058

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

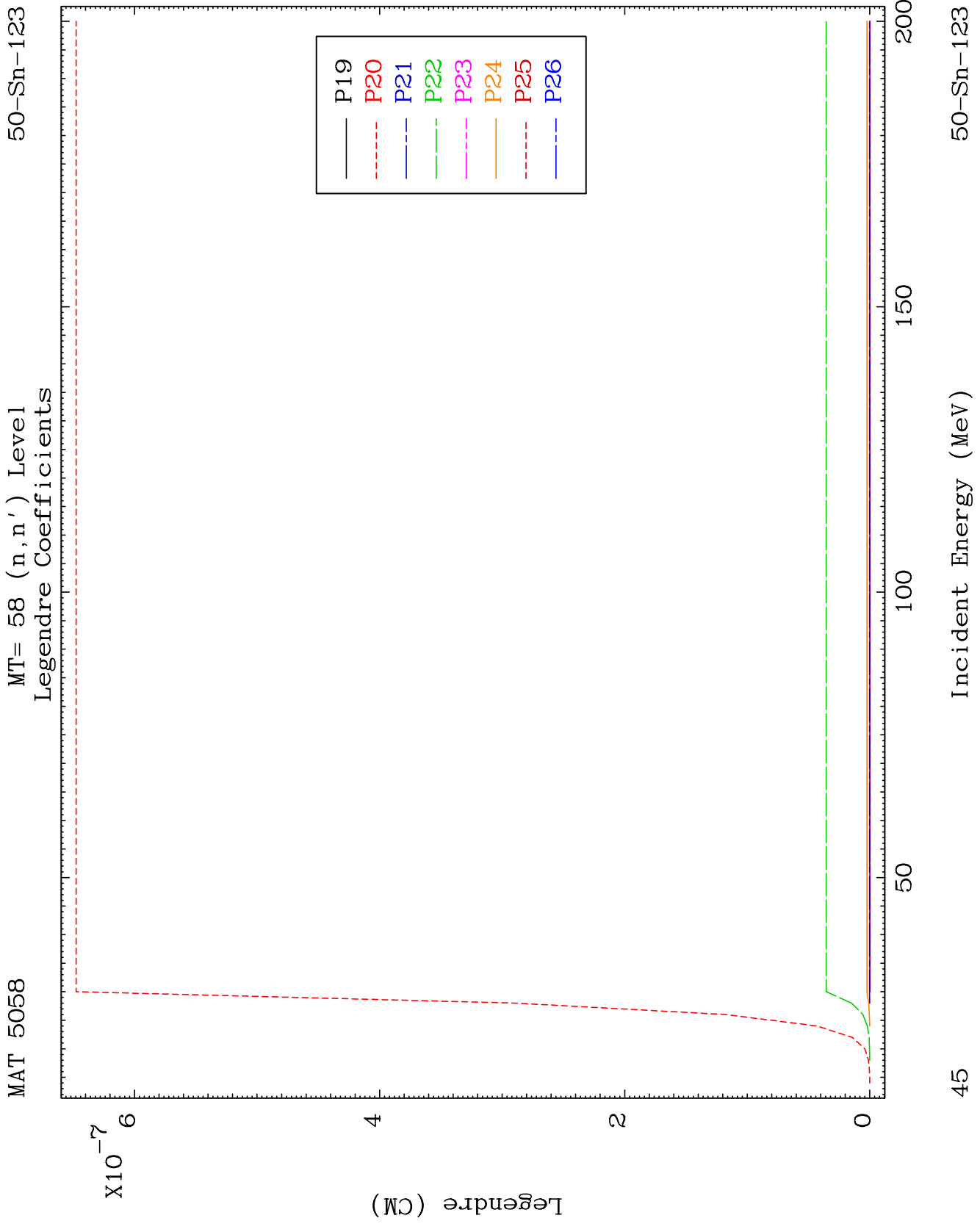
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44

Incident Energy (MeV)

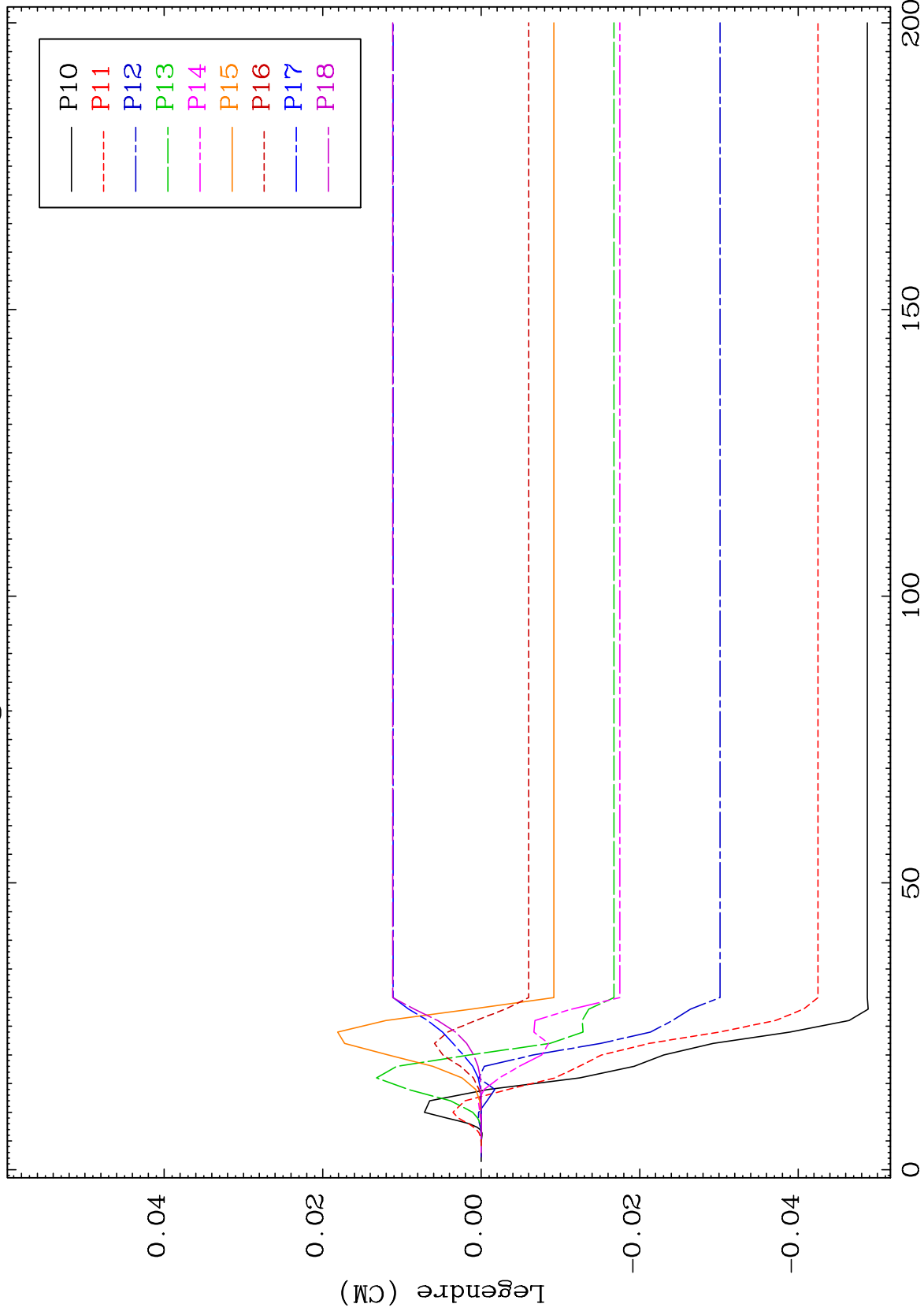
50-Sn-123



MAT 5058

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

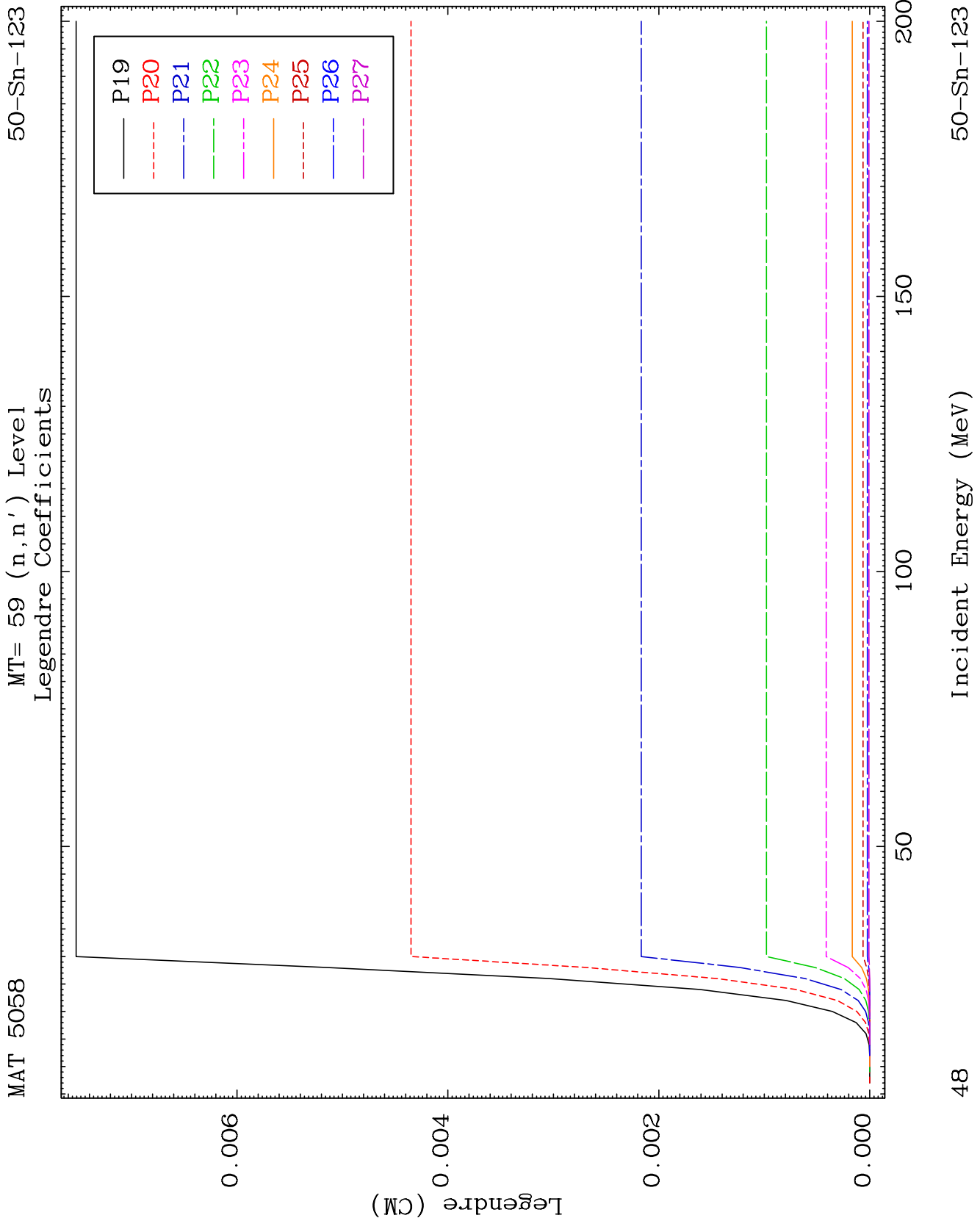
50-Sn-123



47

Incident Energy (MeV)

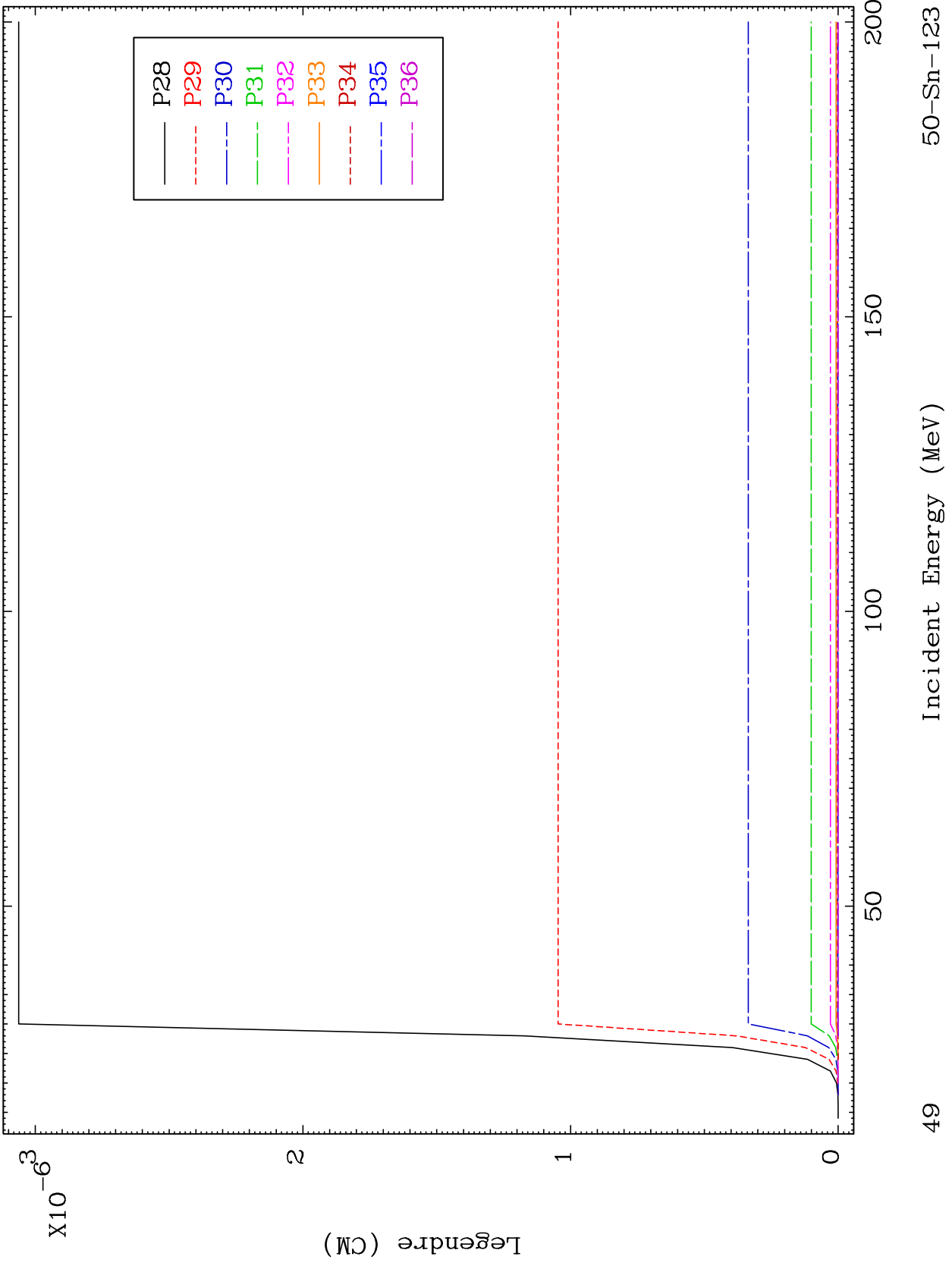
50-Sn-123



MAT 5058

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

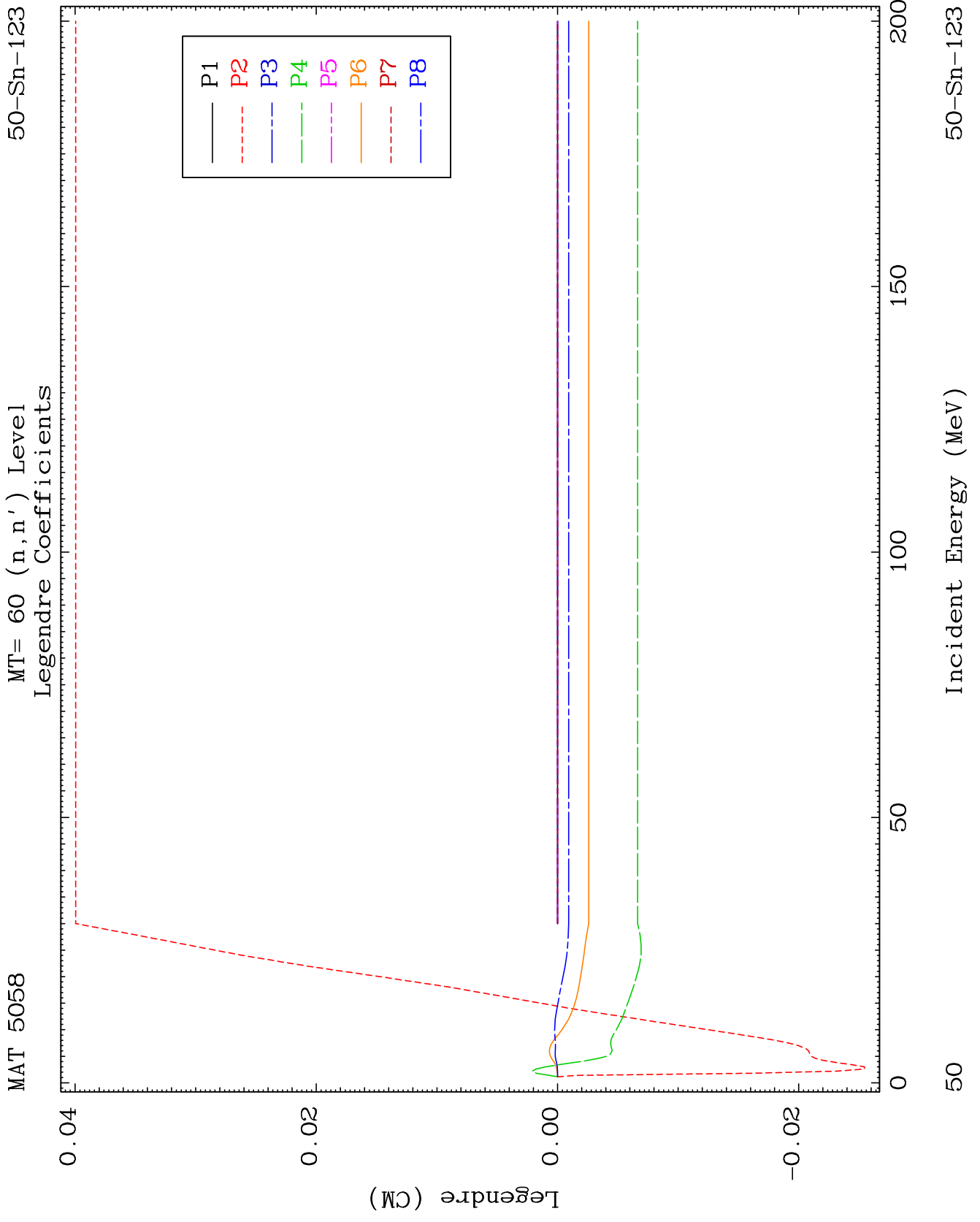
50-Sn-123



49

Incident Energy (MeV)

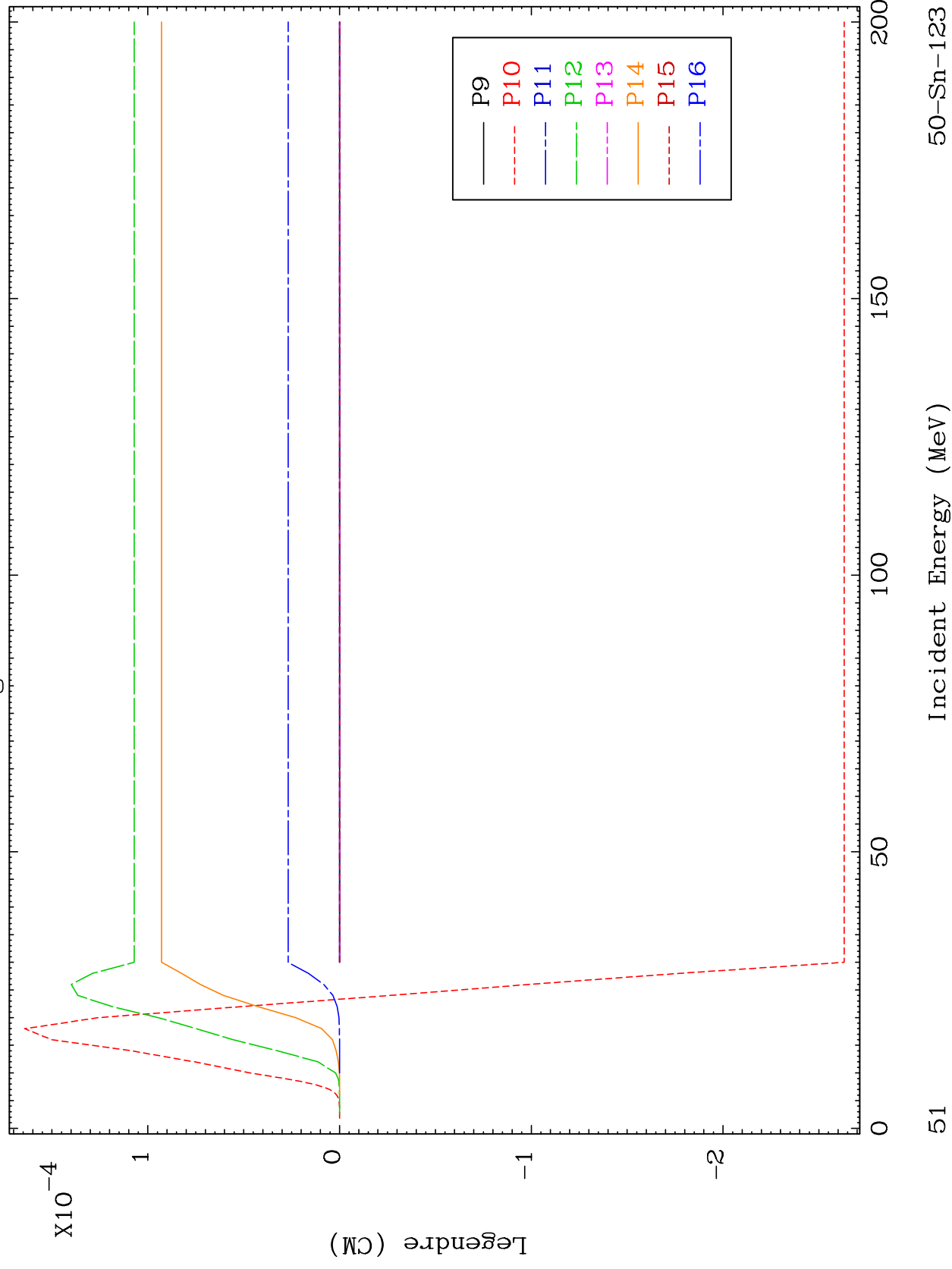
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MAT 5058

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

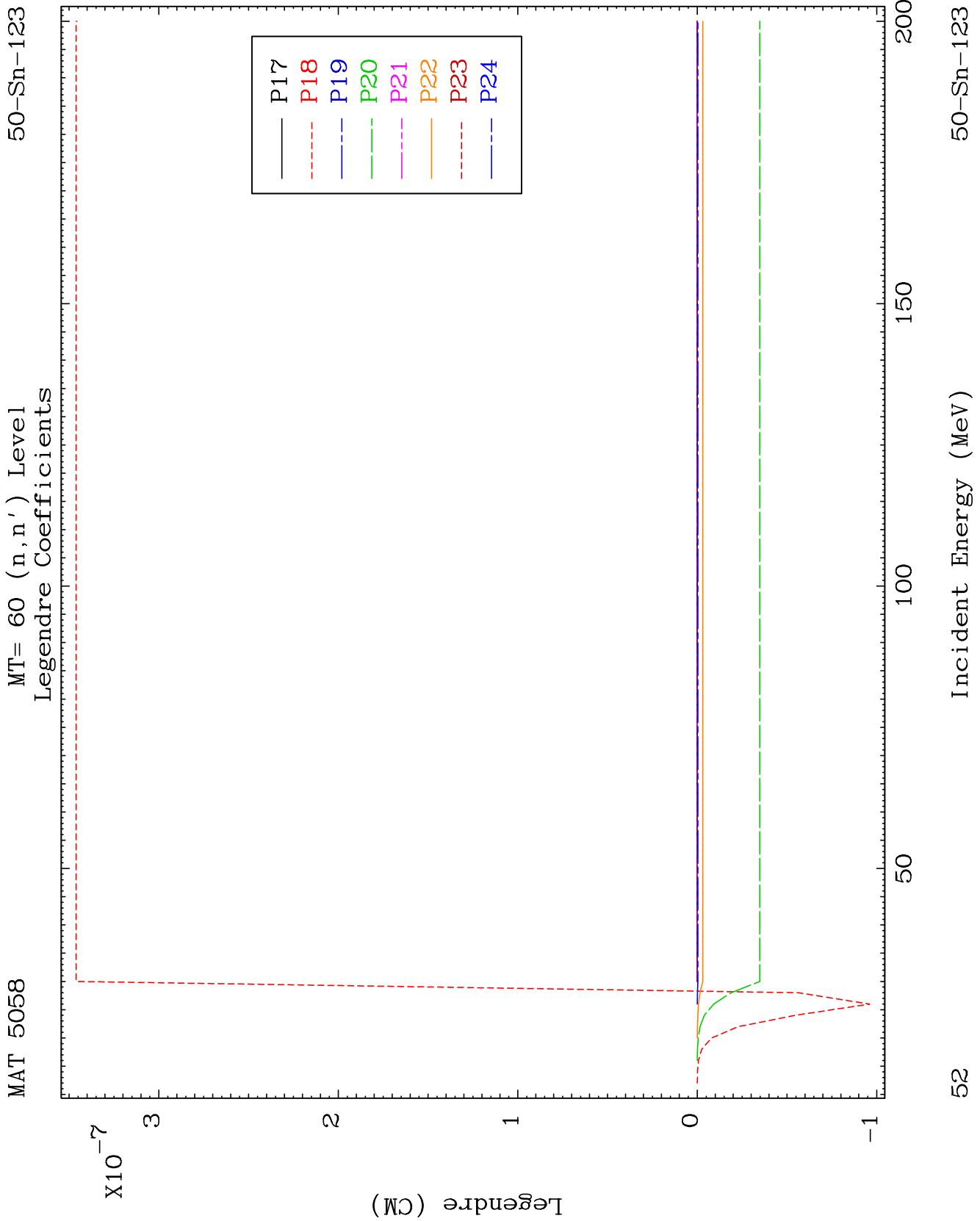
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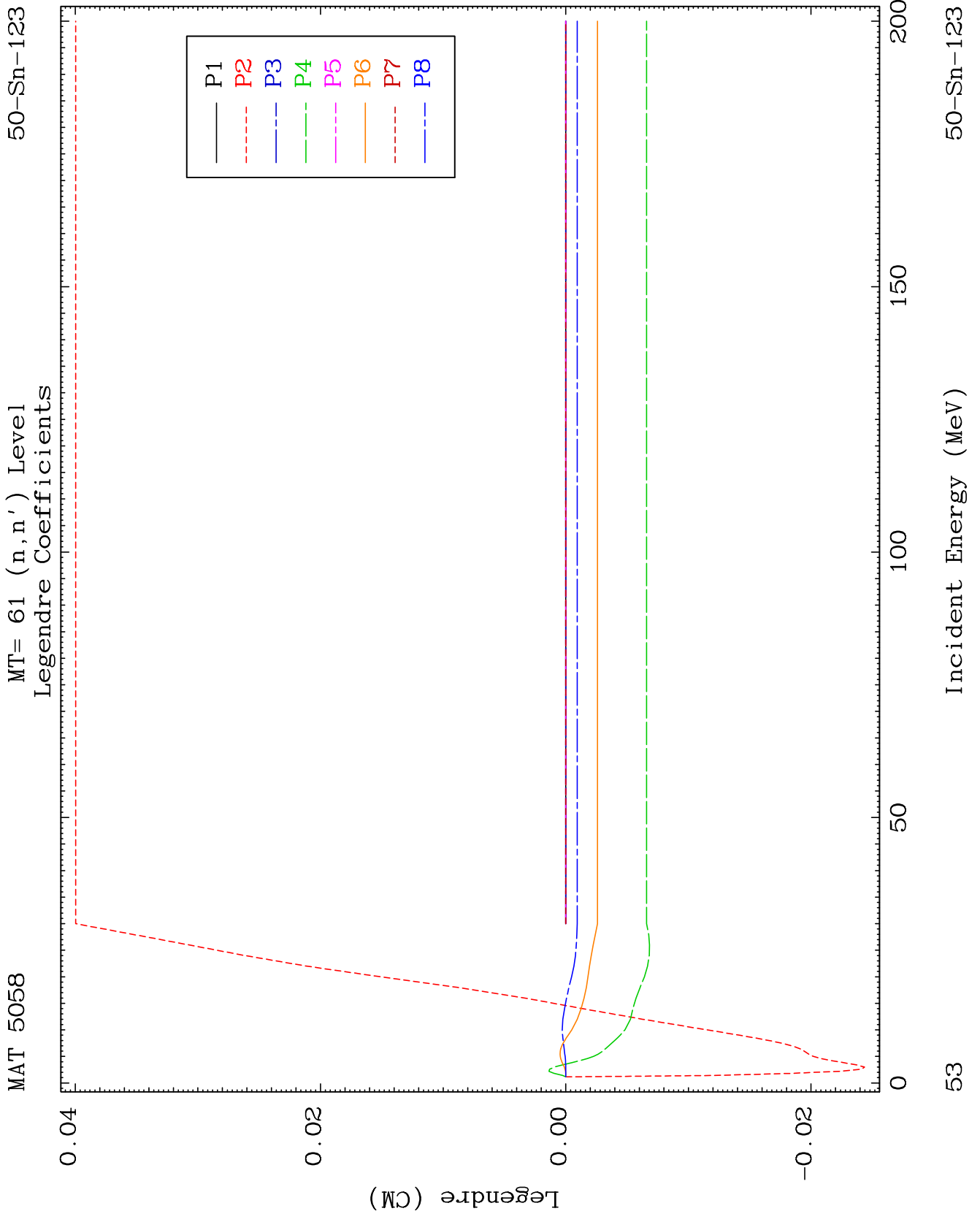


51

Incident Energy (MeV)

50-Sn-123

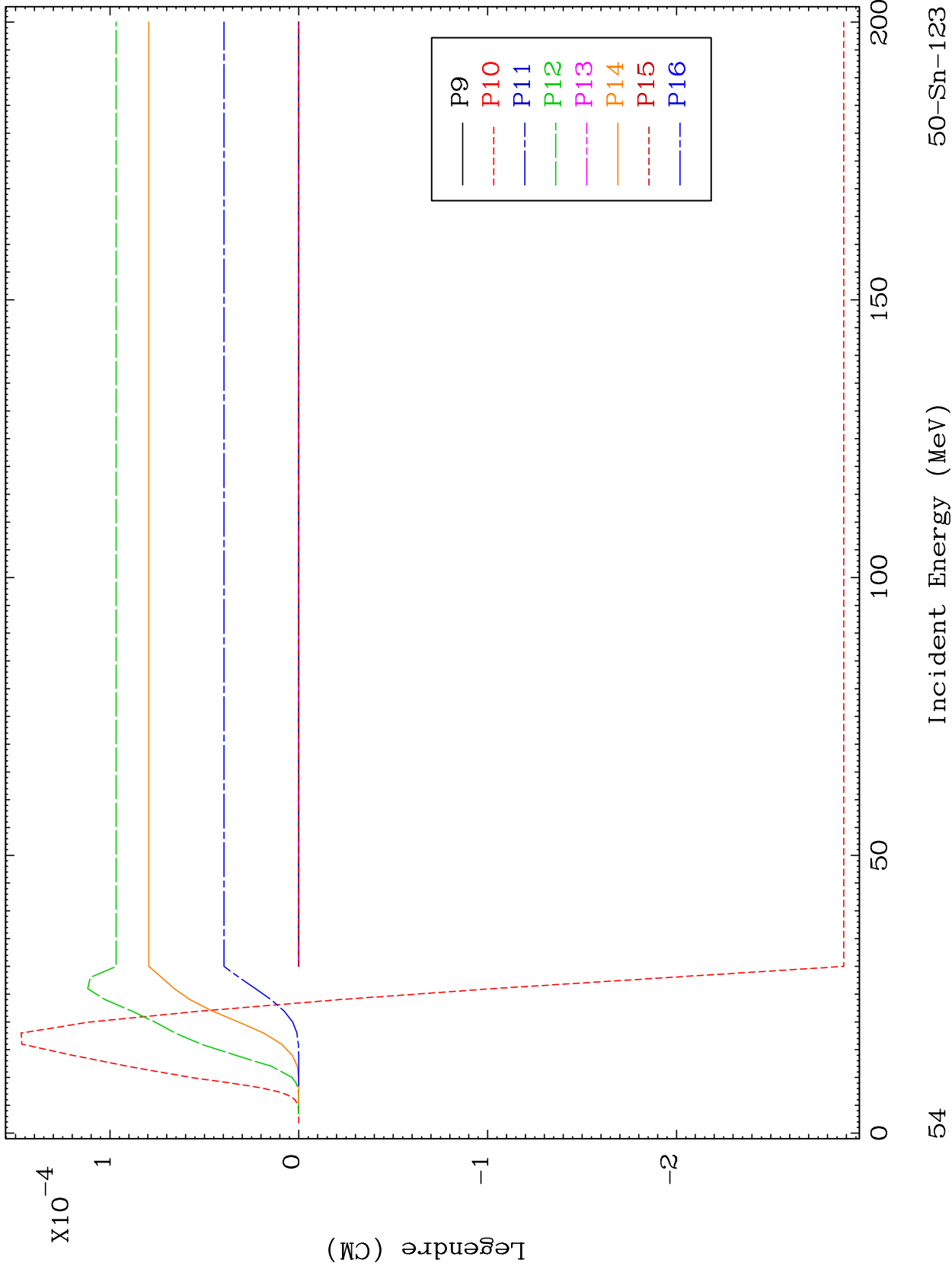




MAT 5058

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

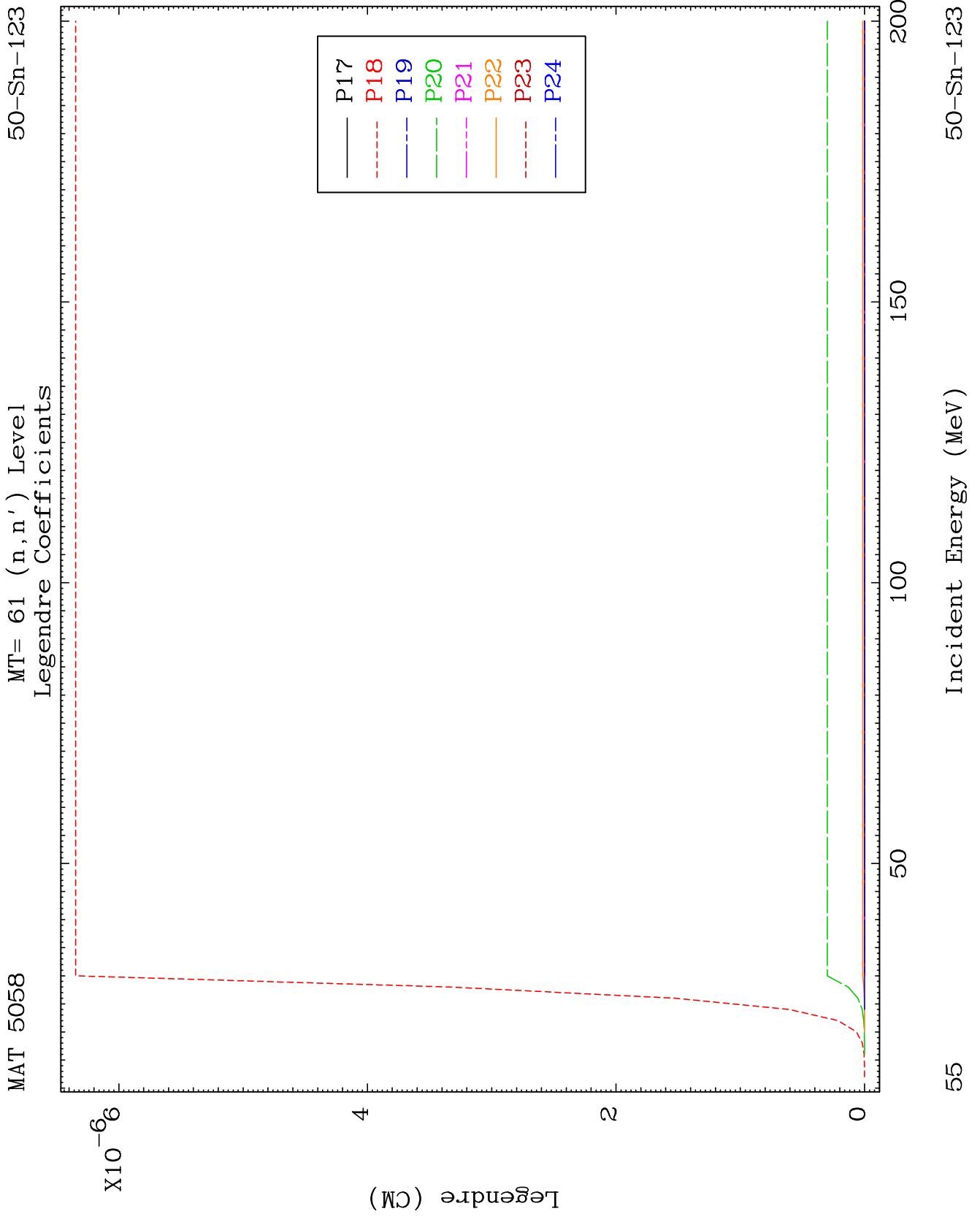
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54

Incident Energy (MeV)

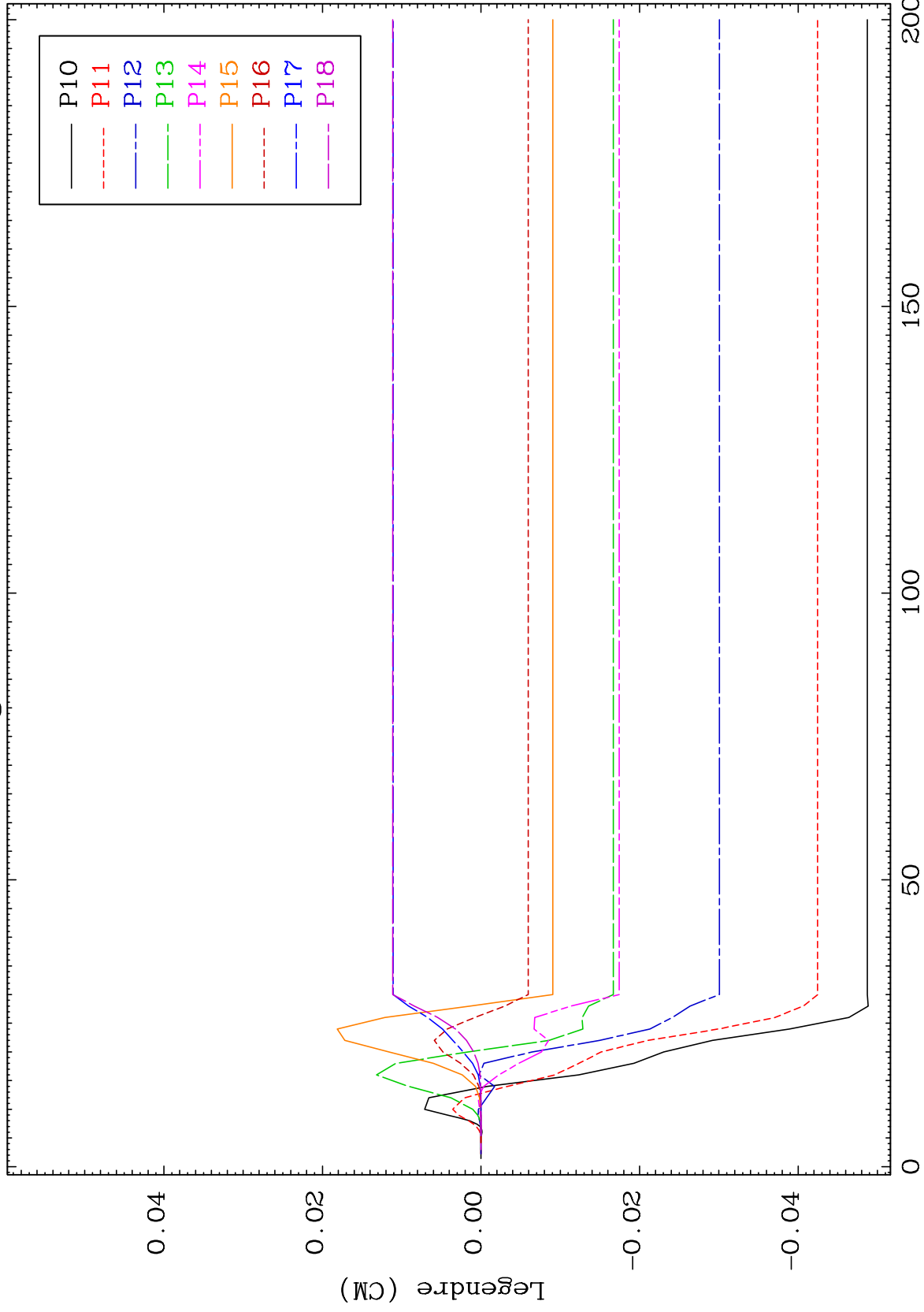
50-Sn-123



MAT 5058

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

50-Sn-123



57

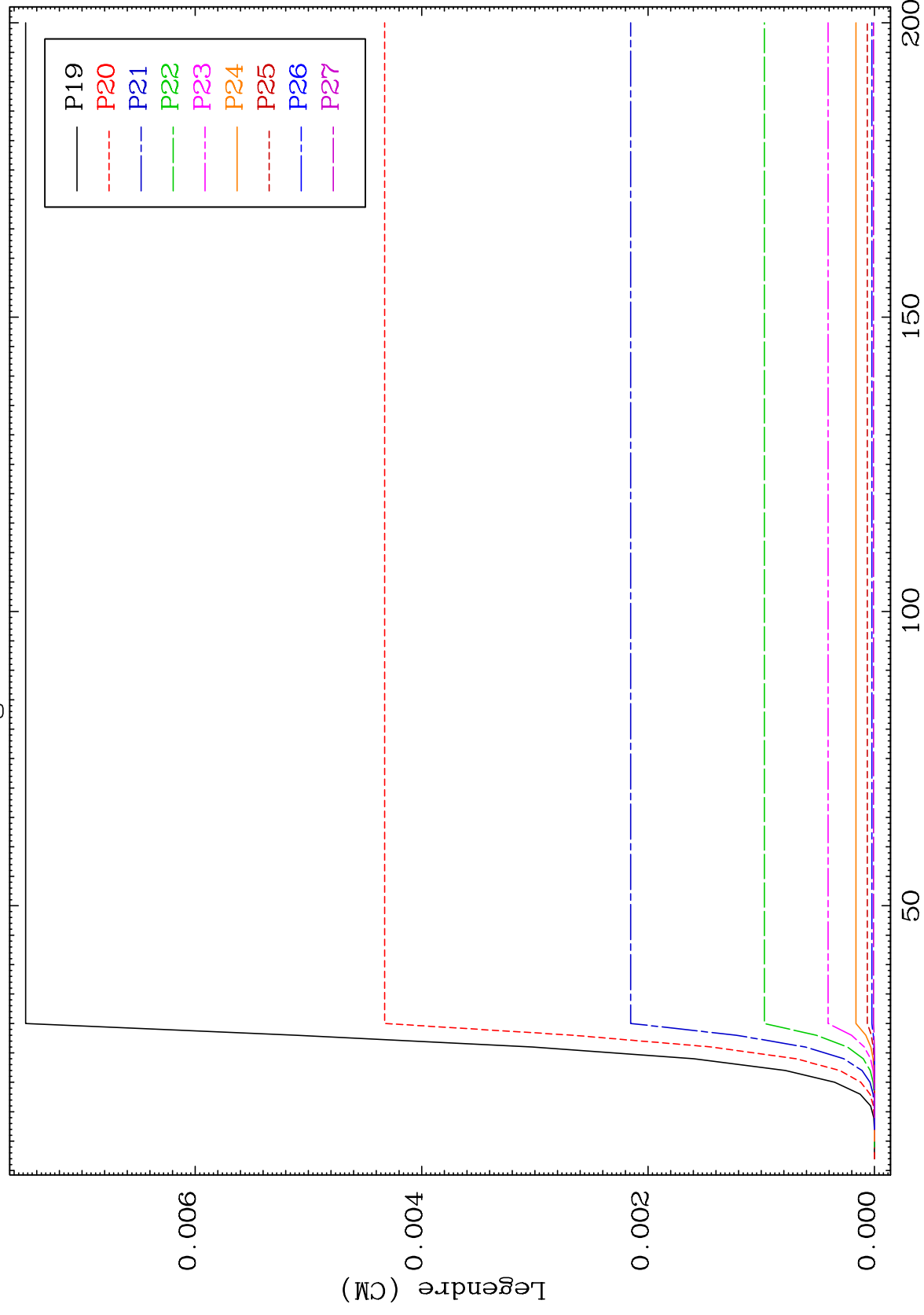
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



58

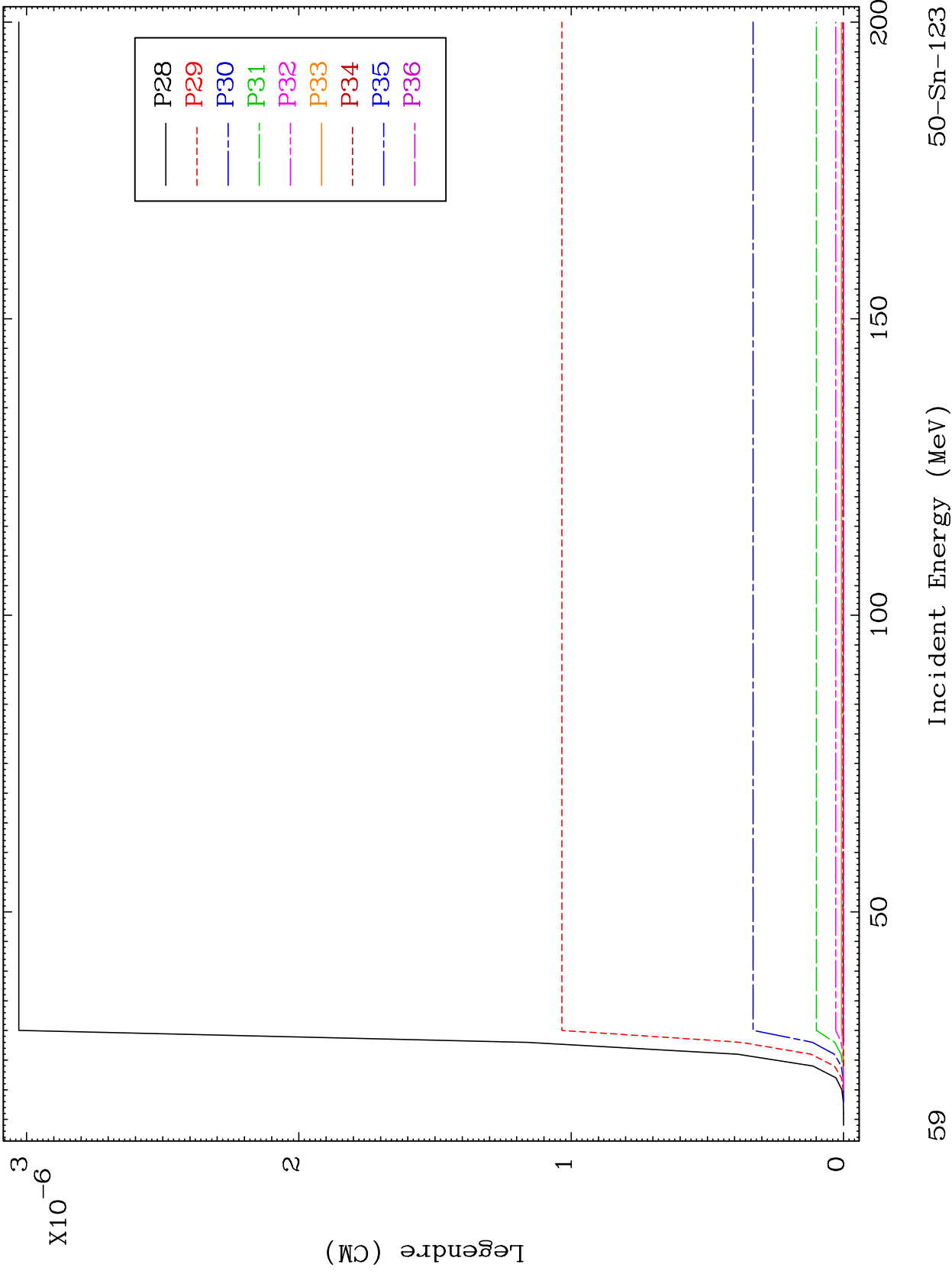
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123

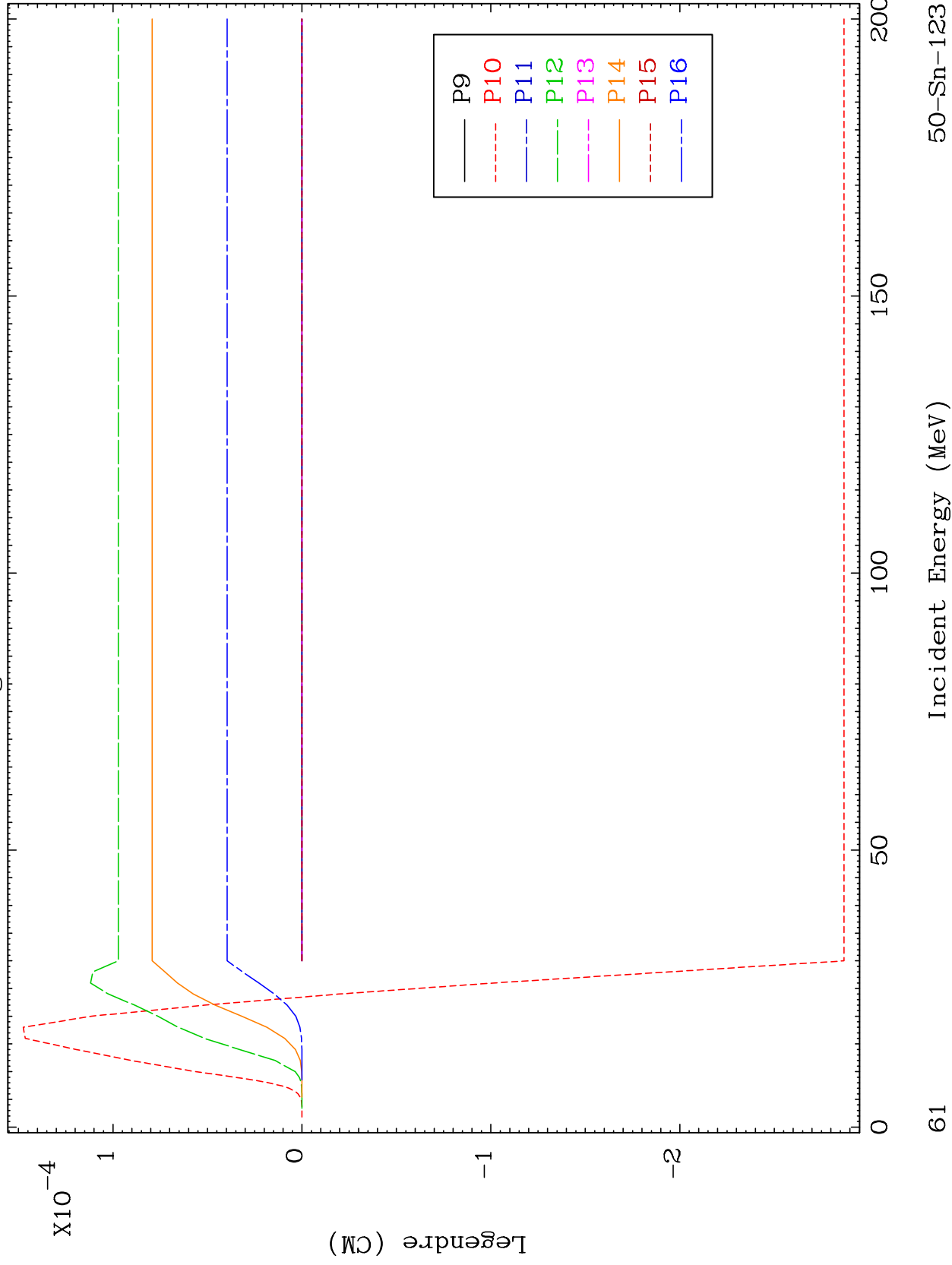


59

MAT 5058

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

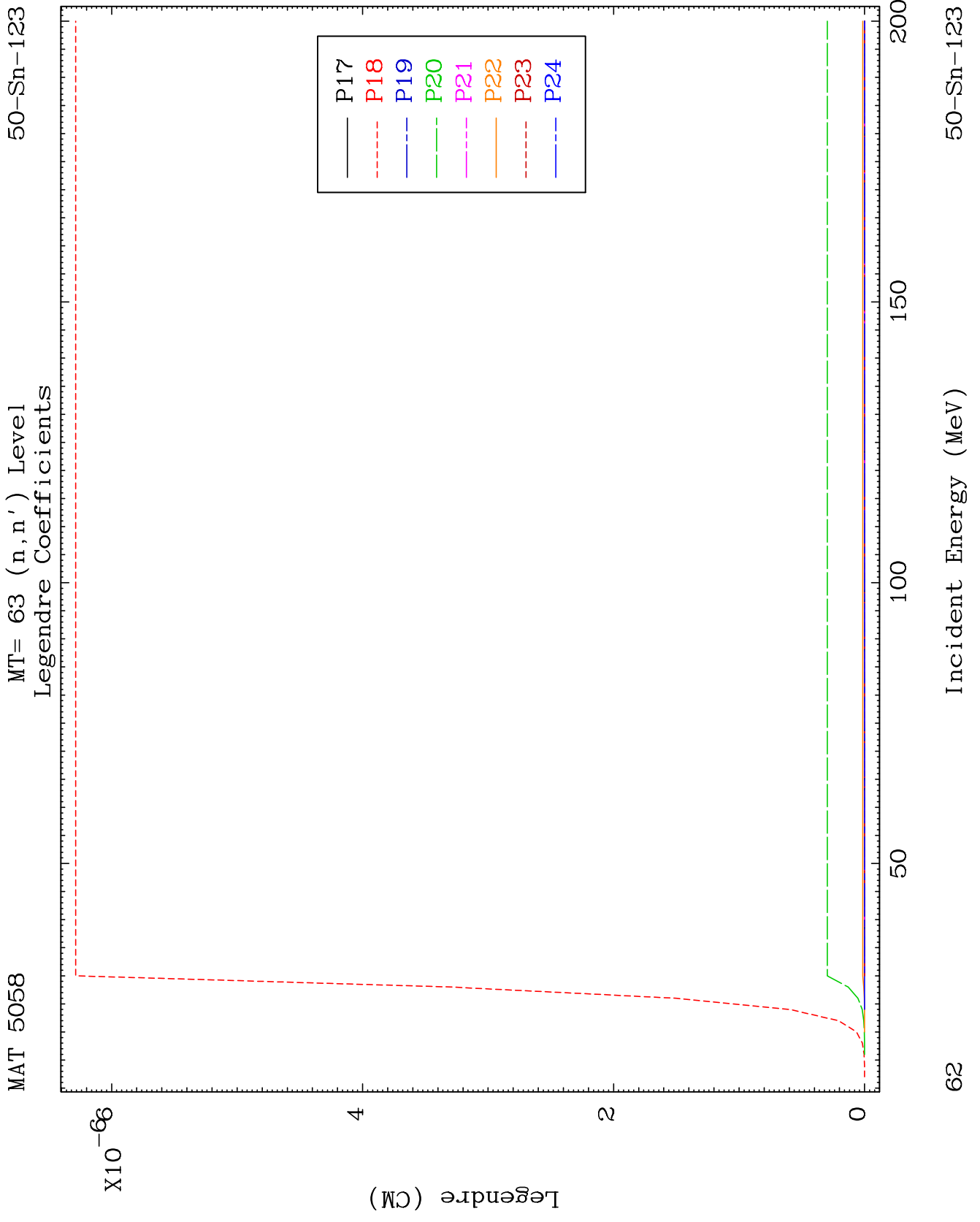
50-Sn-123



61

Incident Energy (MeV)

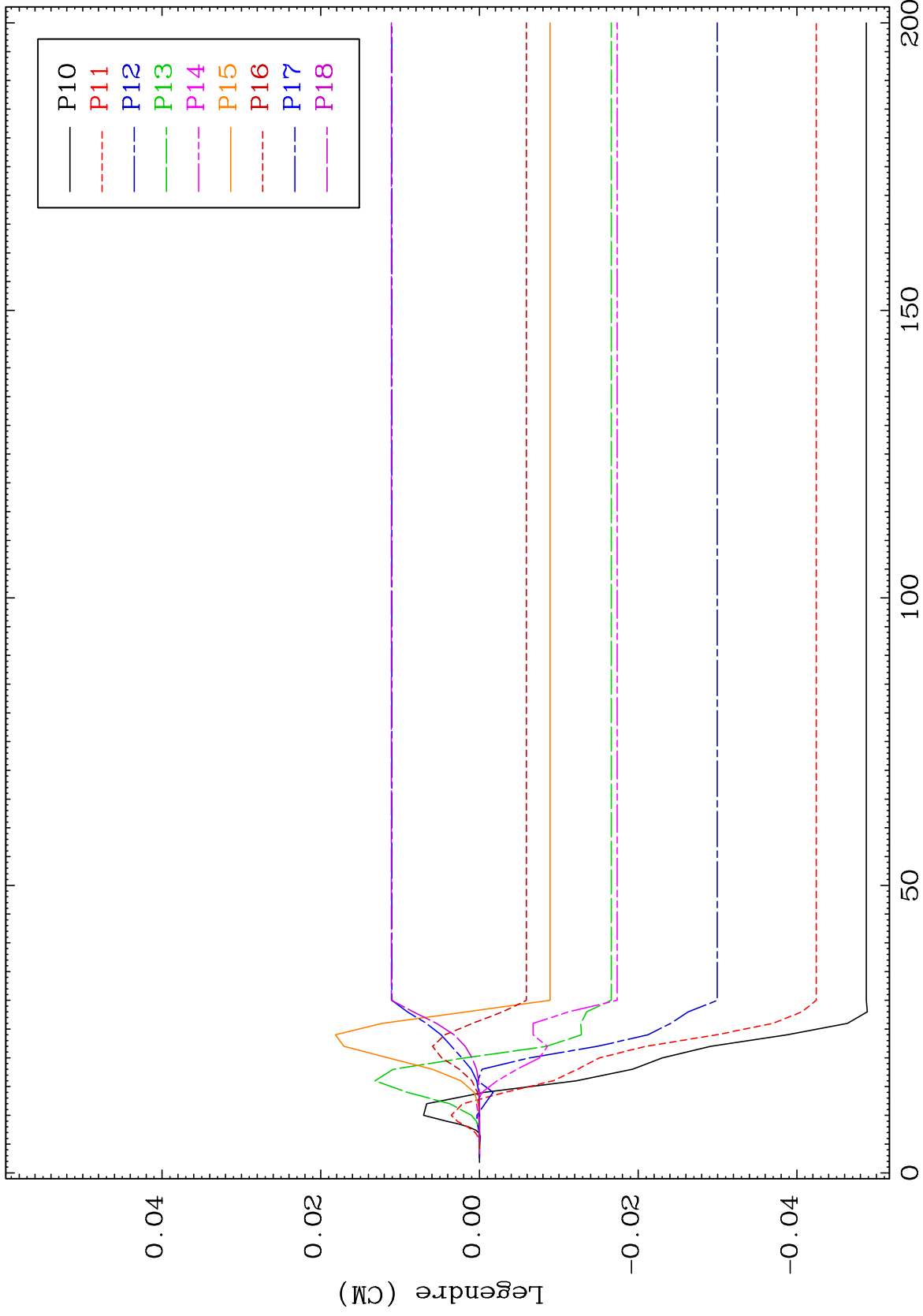
50-Sn-123



MAT 5058

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

50-Sn-123



64

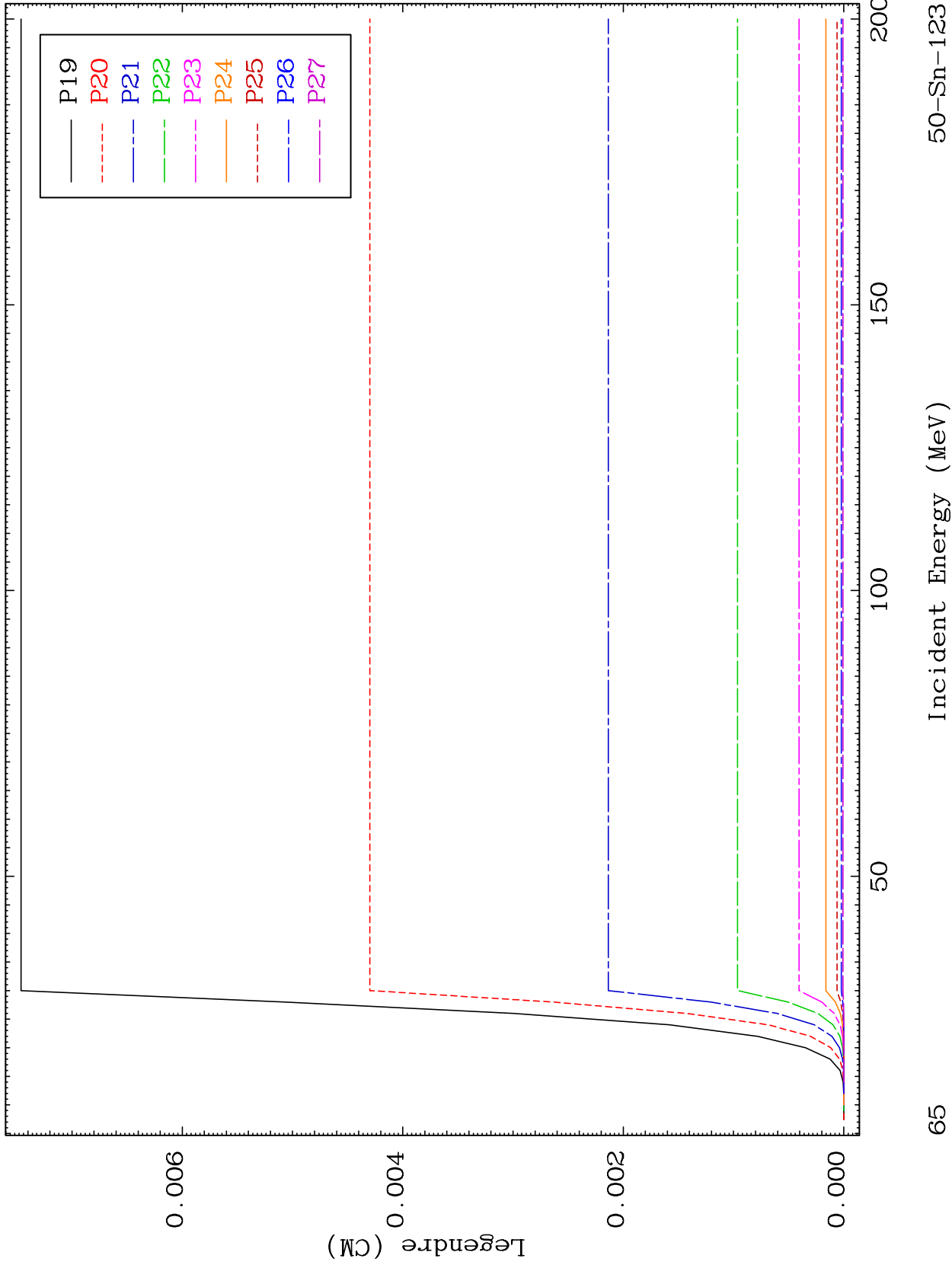
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



65

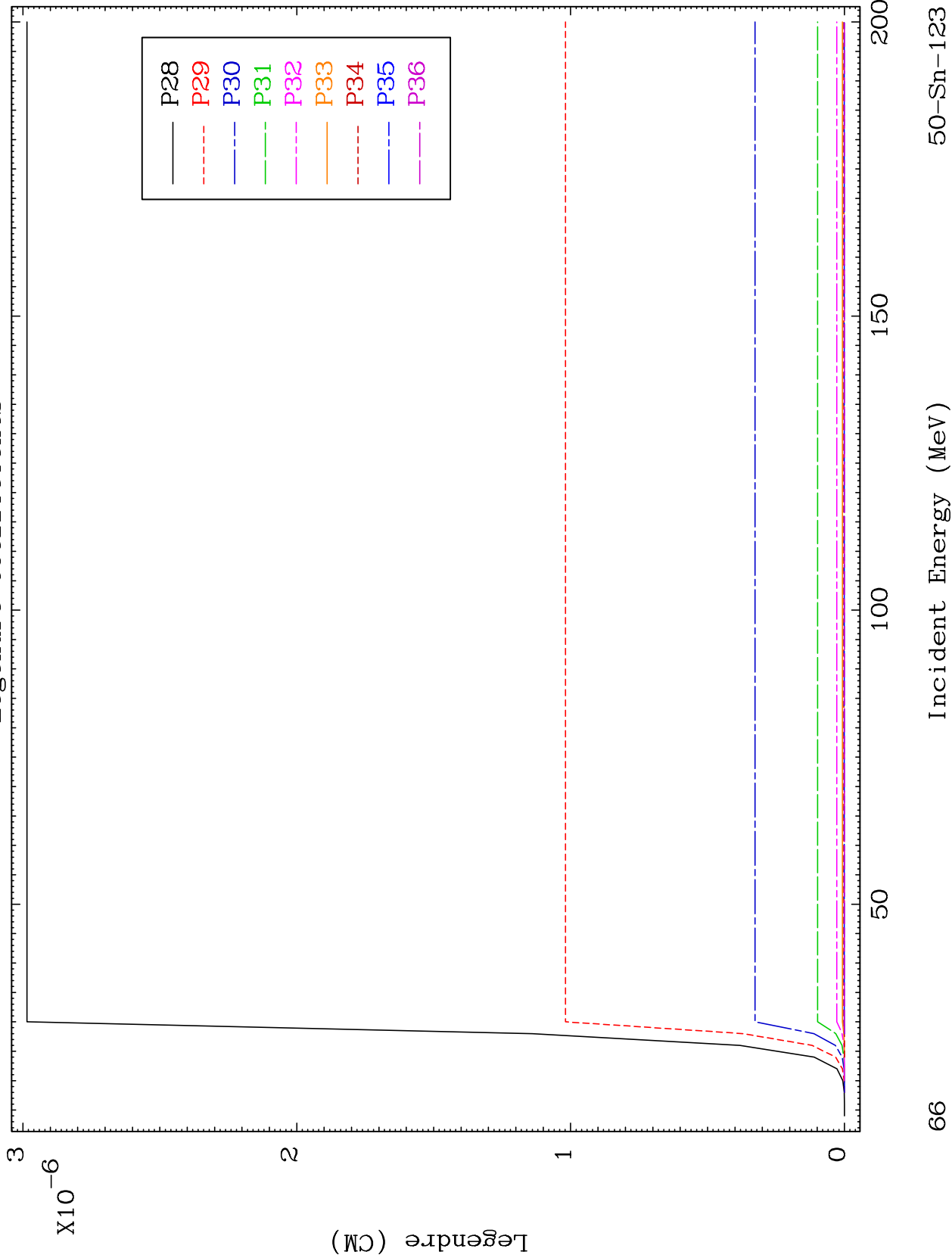
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

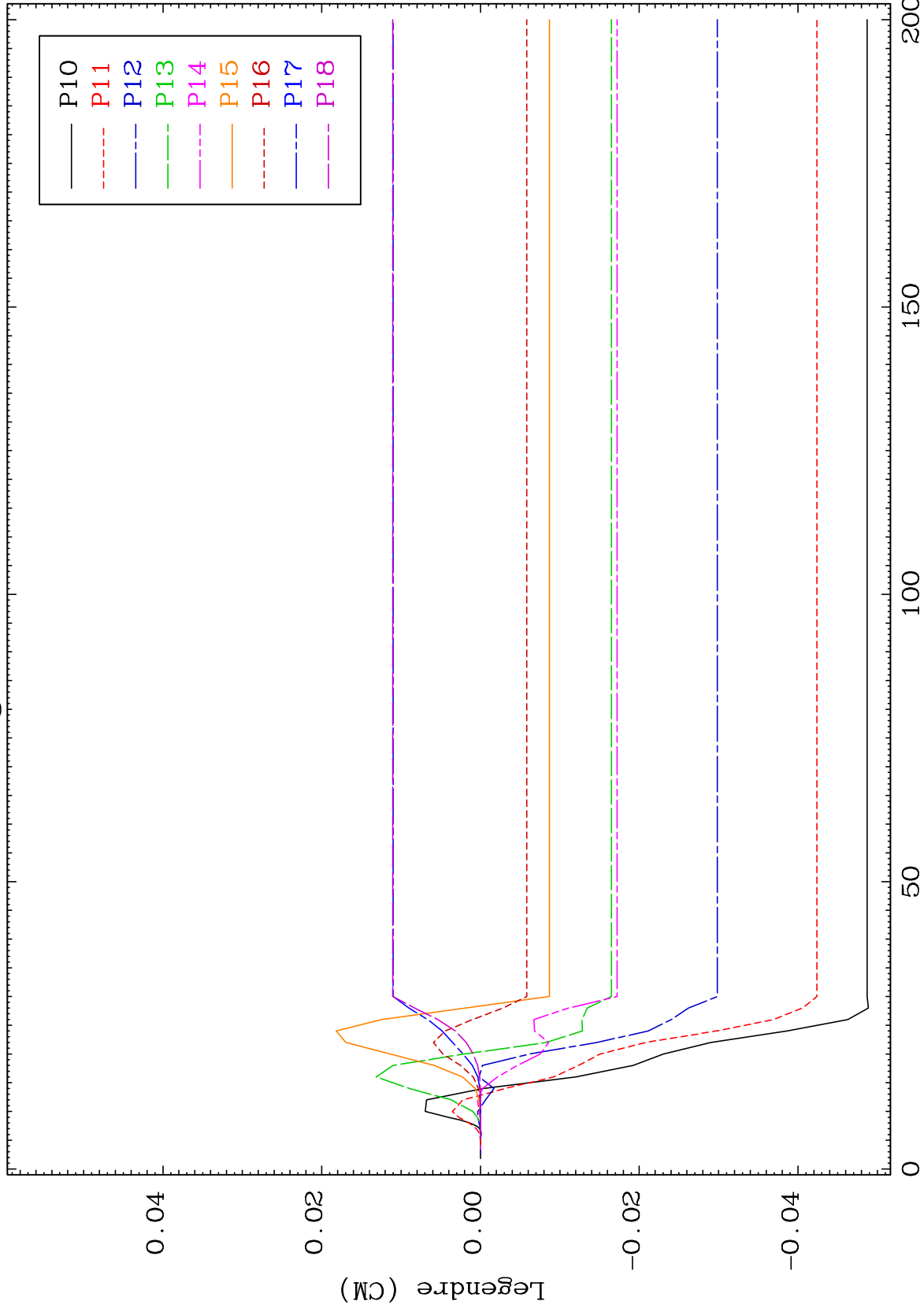
50-Sn-123



MAT 5058

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

50-Sn-123



68

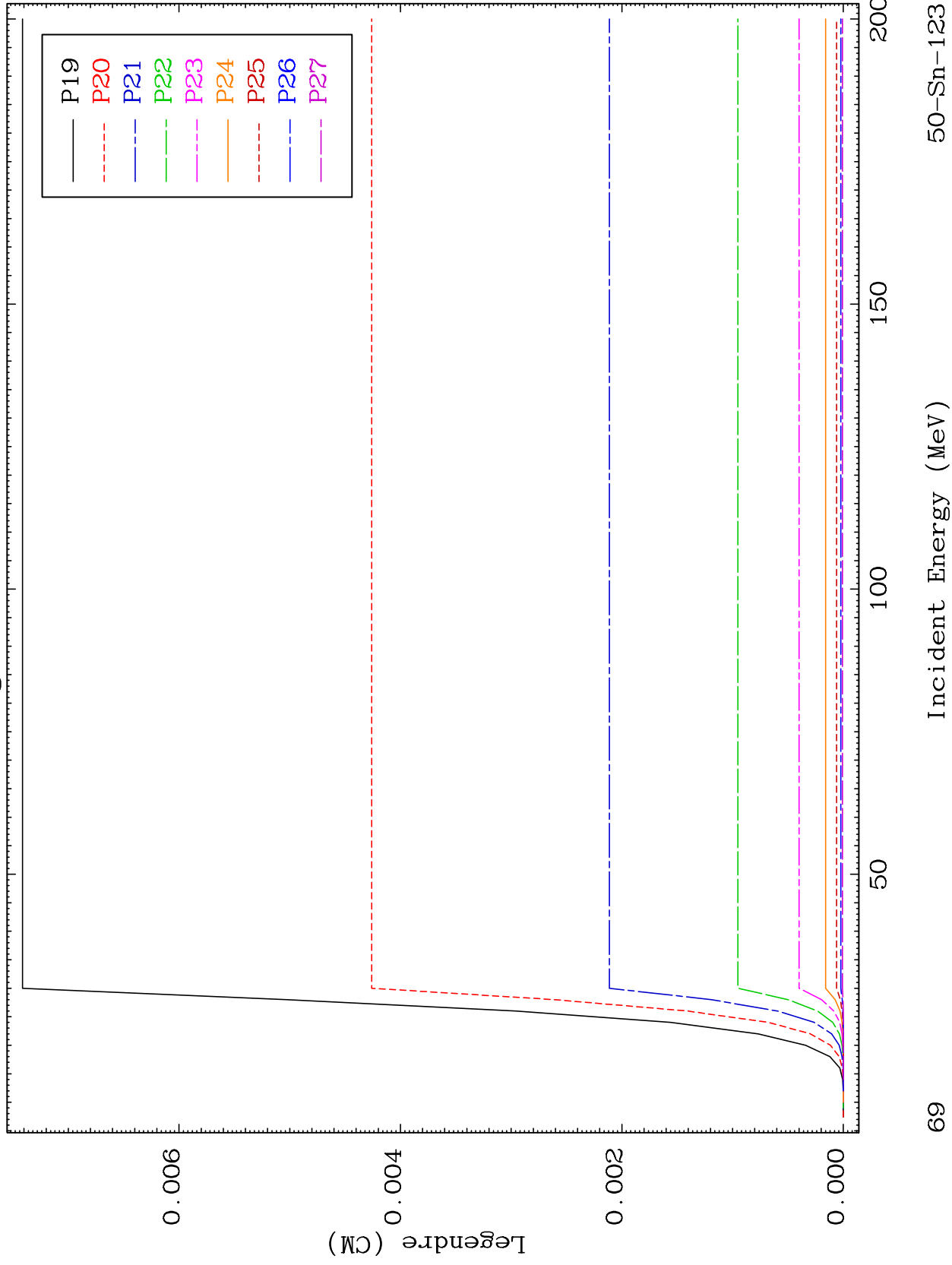
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



69

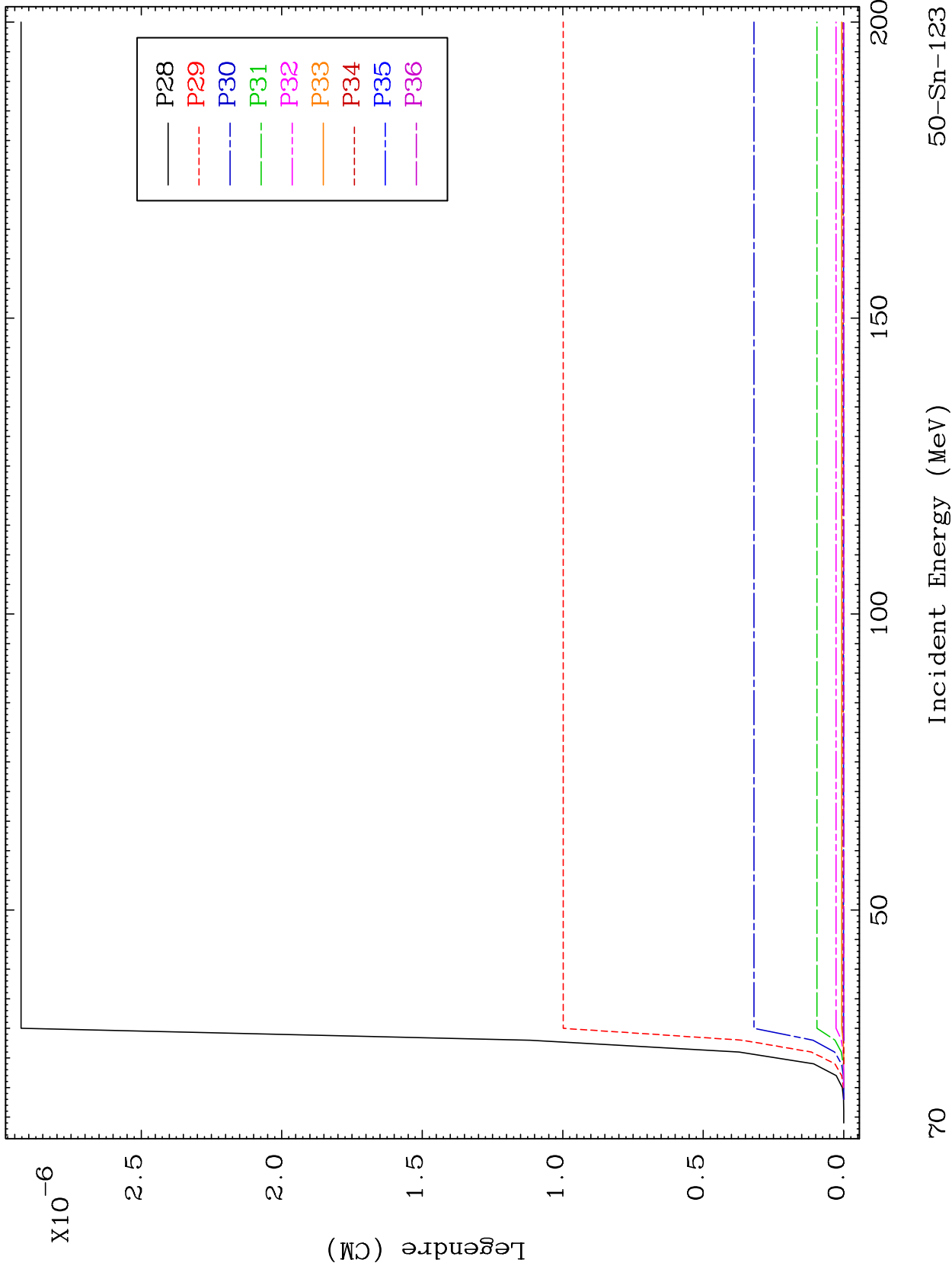
Incident Energy (MeV)

50-Sn-123

MAT 5058

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

50-Sn-123



70

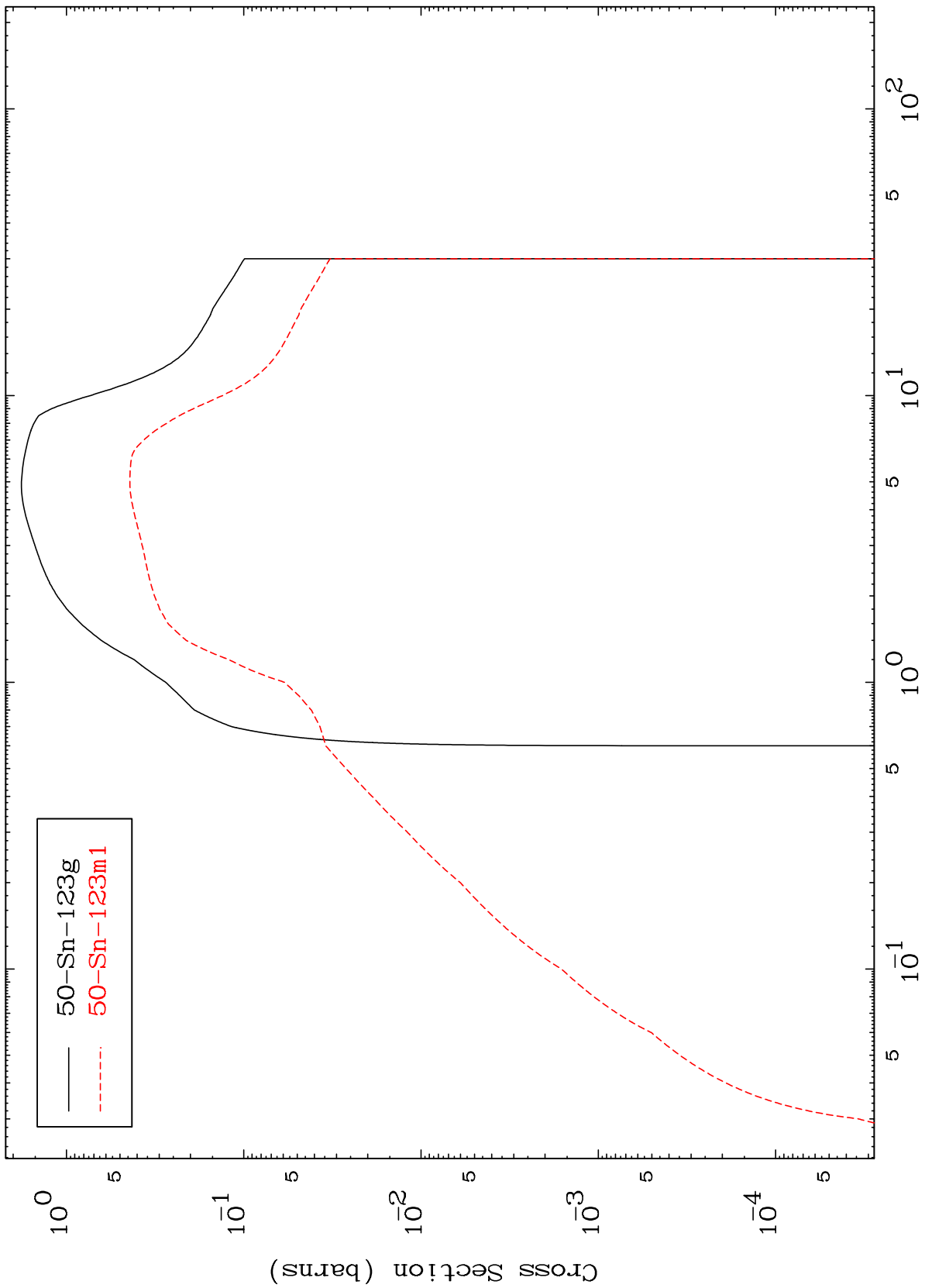
Incident Energy (MeV)

50-Sn-123

MAT 5058

50-Sn-123

Radionuclide Production Cross Section



50-Sn-123g
50-Sn-123m1

50-Sn-123

Incident Energy (MeV)

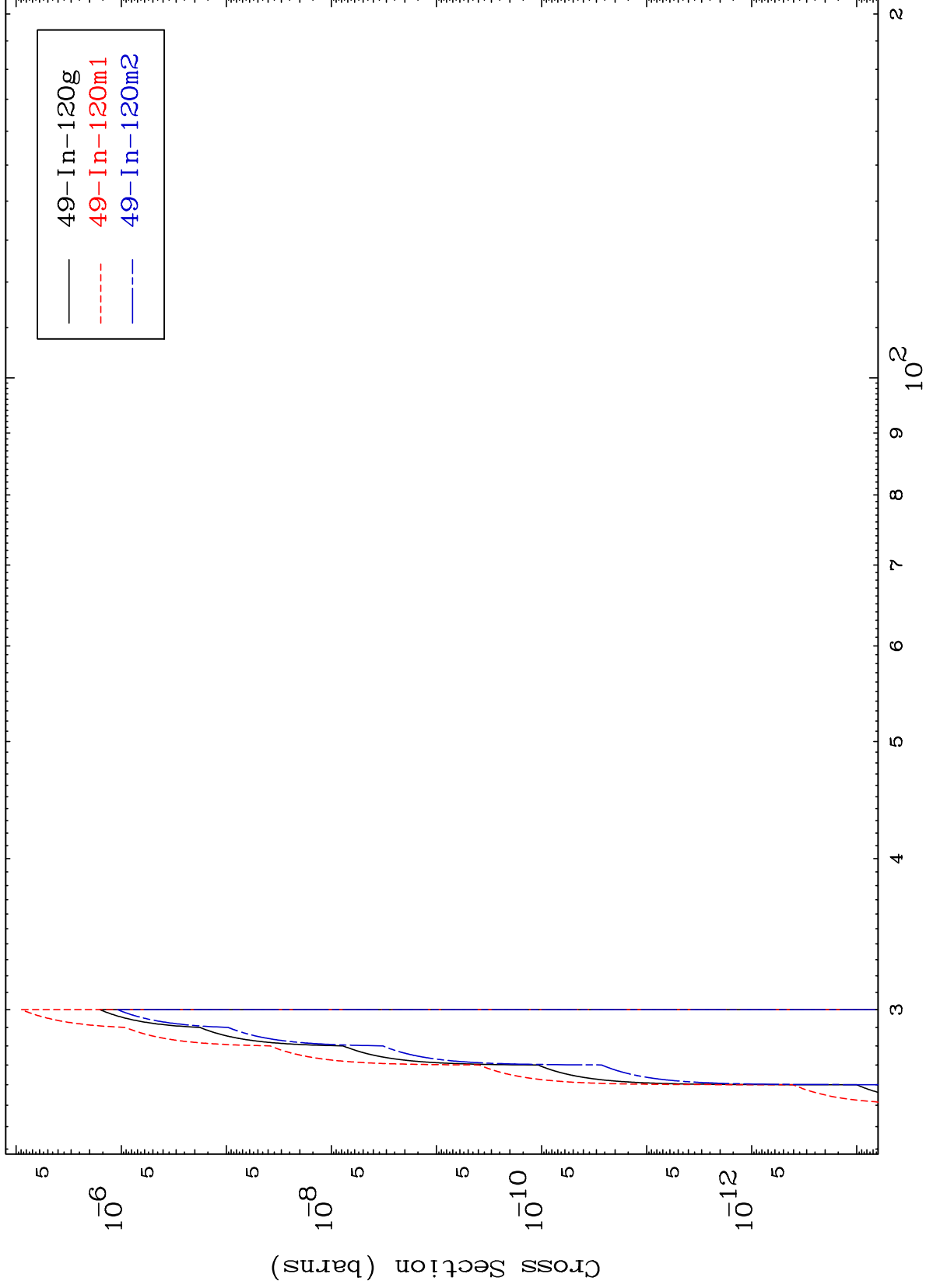
71

MAT 5058

(n,2n) d

50-Sn-123

Radionuclide Production Cross Section



72

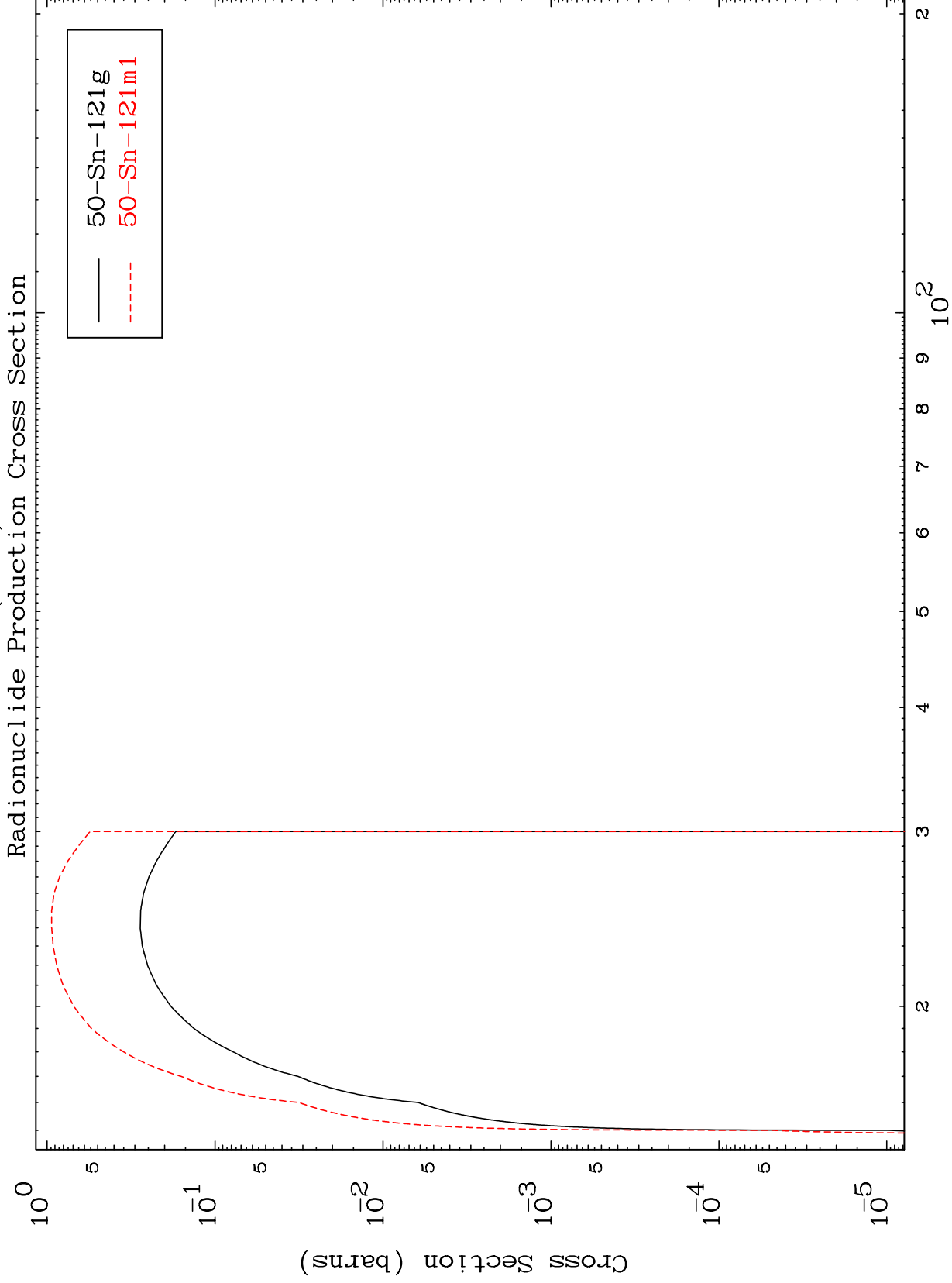
Incident Energy (MeV)

50-Sn-123

MAT 5058

(n,3n)

50-Sn-123



73

Incident Energy (MeV)

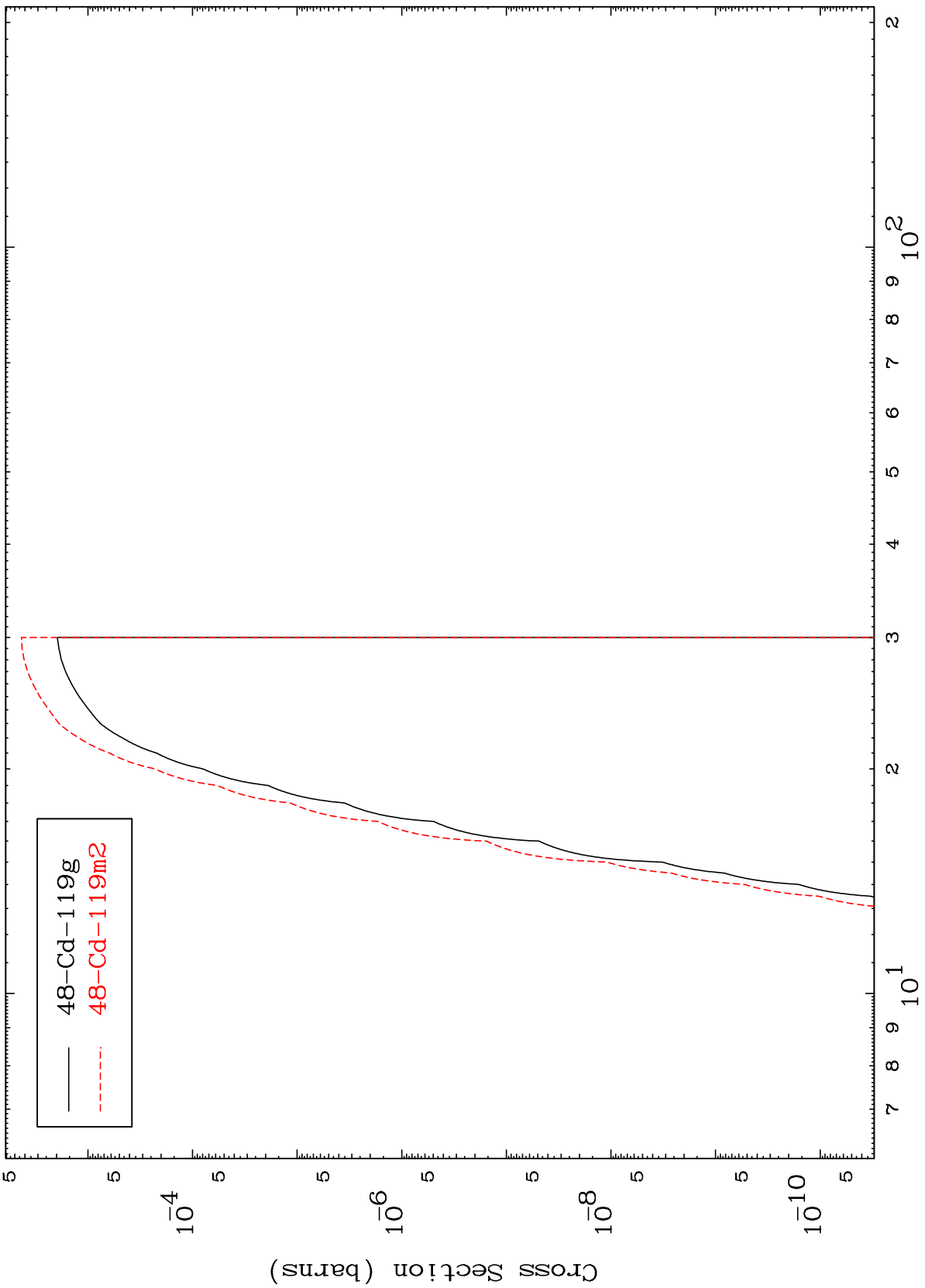
50-Sn-123

MAT 5058

50-Sn-123

(n,n') α

Radionuclide Production Cross Section



74

Incident Energy (MeV)

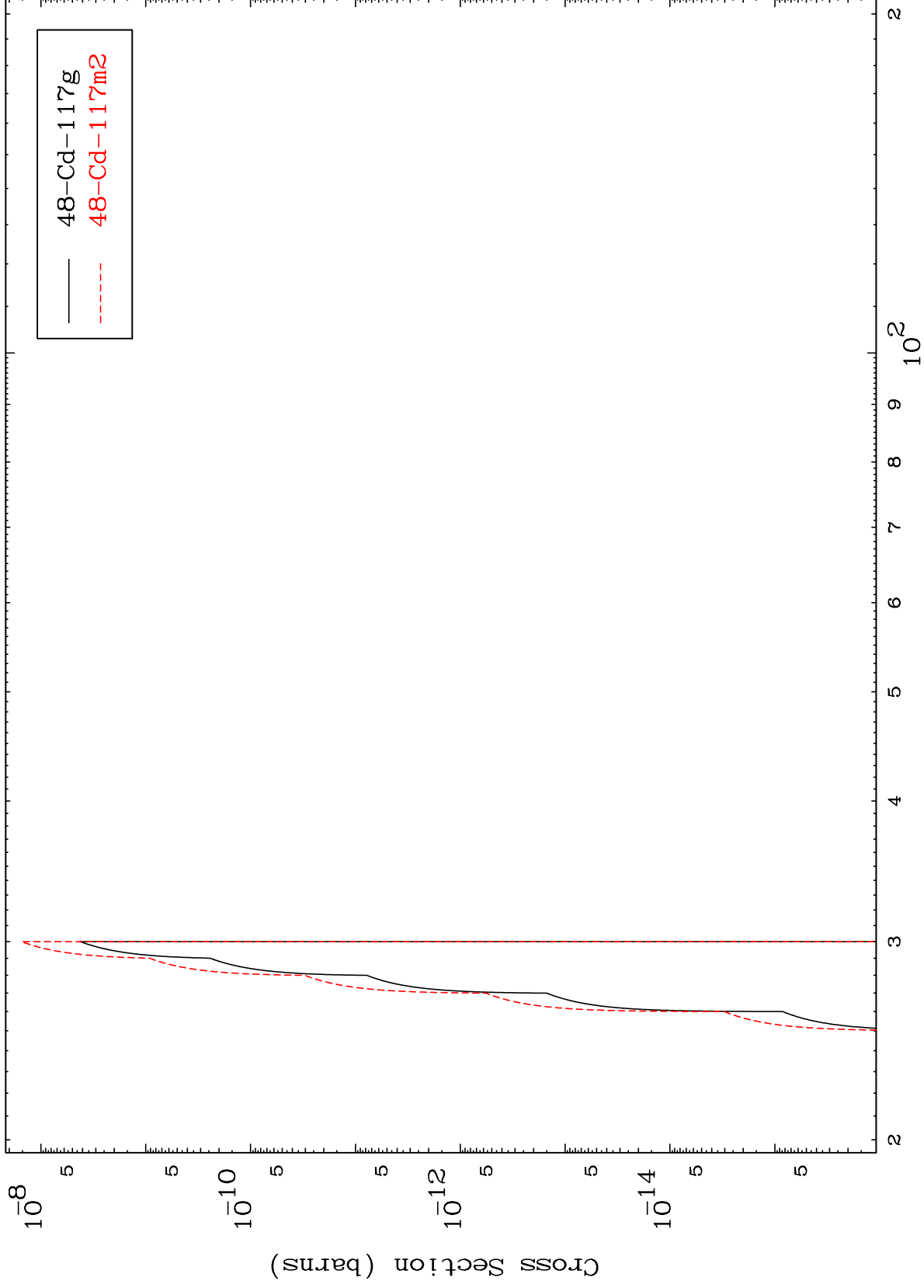
50-Sn-123

MAT 5058

(n,3n) α

50-Sn-123

Radionuclide Production Cross Section



75

Incident Energy (MeV)

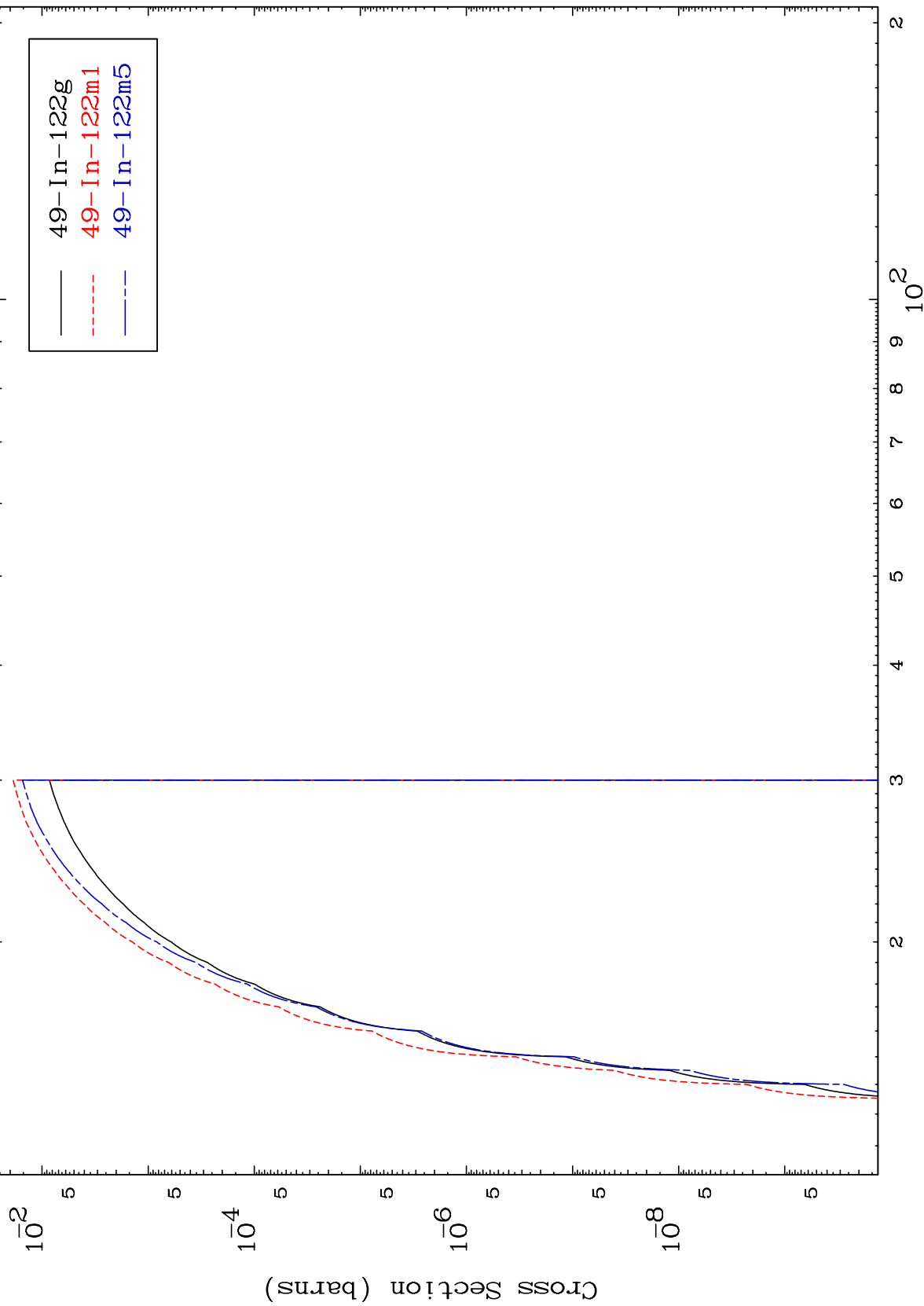
50-Sn-123

MAT 5058

(n,n') p

50-Sn-123

Radionuclide Production Cross Section



76

Incident Energy (MeV)

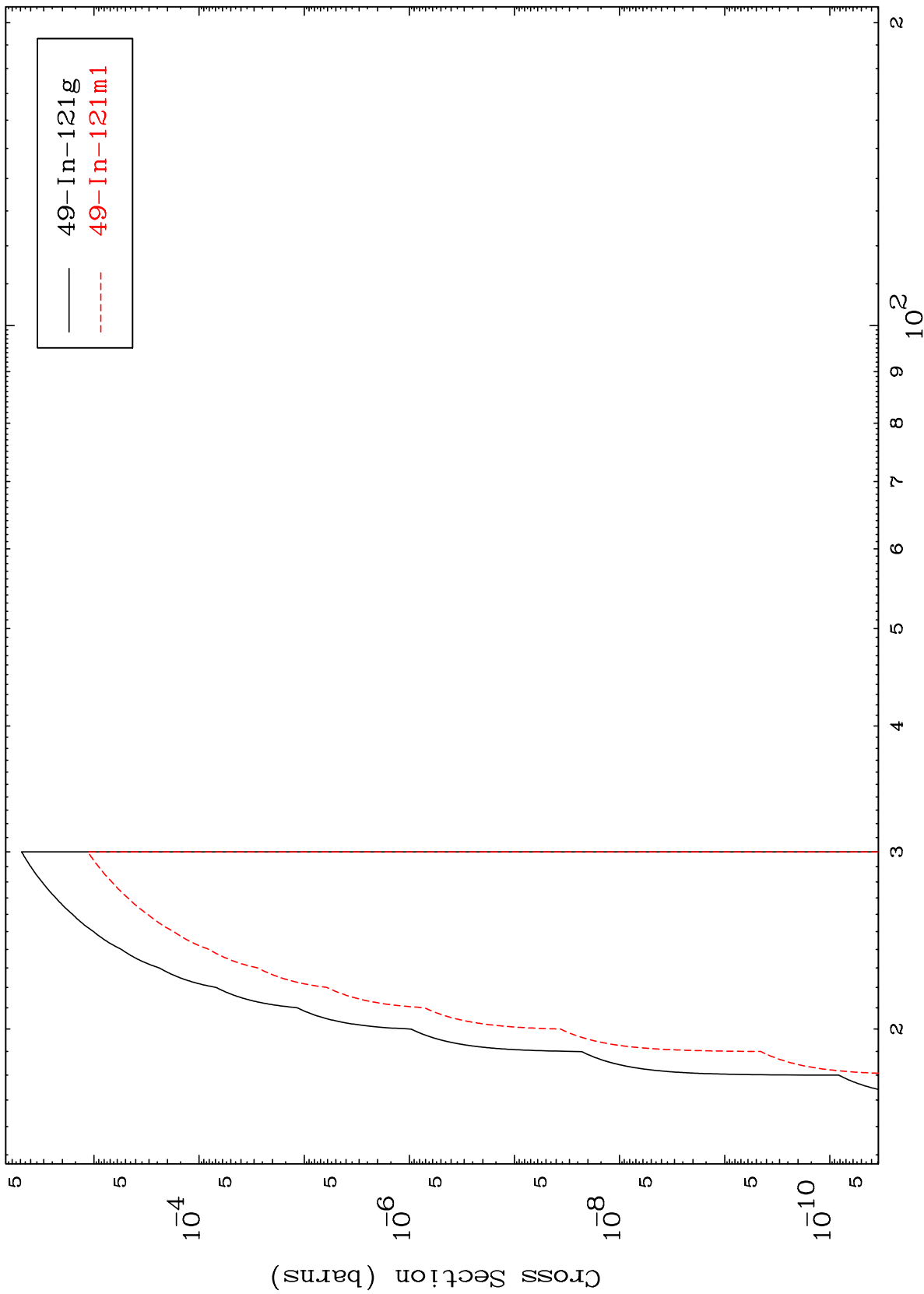
50-Sn-123

MAT 5058

(n,n') d

50-Sn-123

Radionuclide Production Cross Section

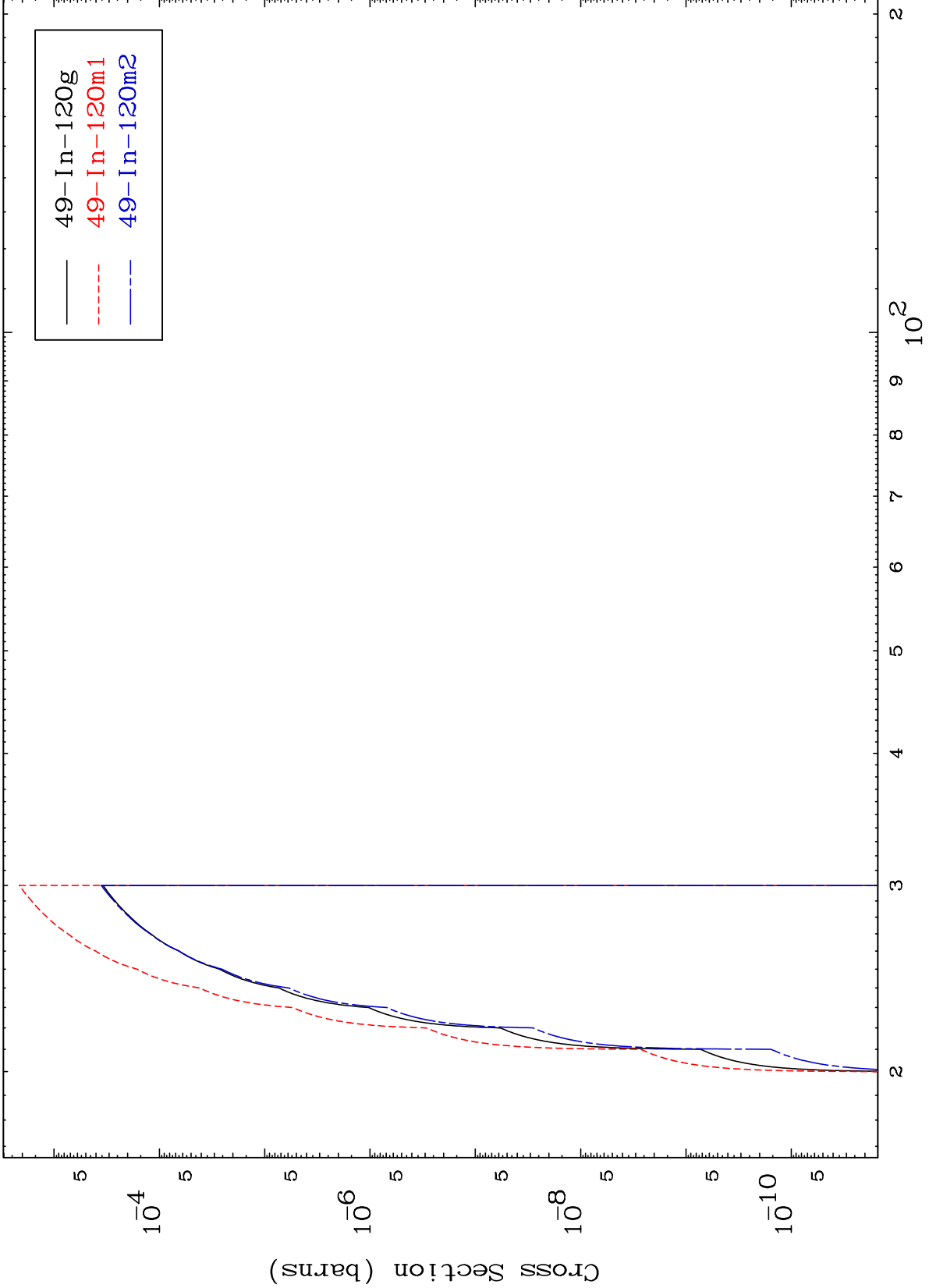


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Incident Energy (MeV)

50-Sn-123

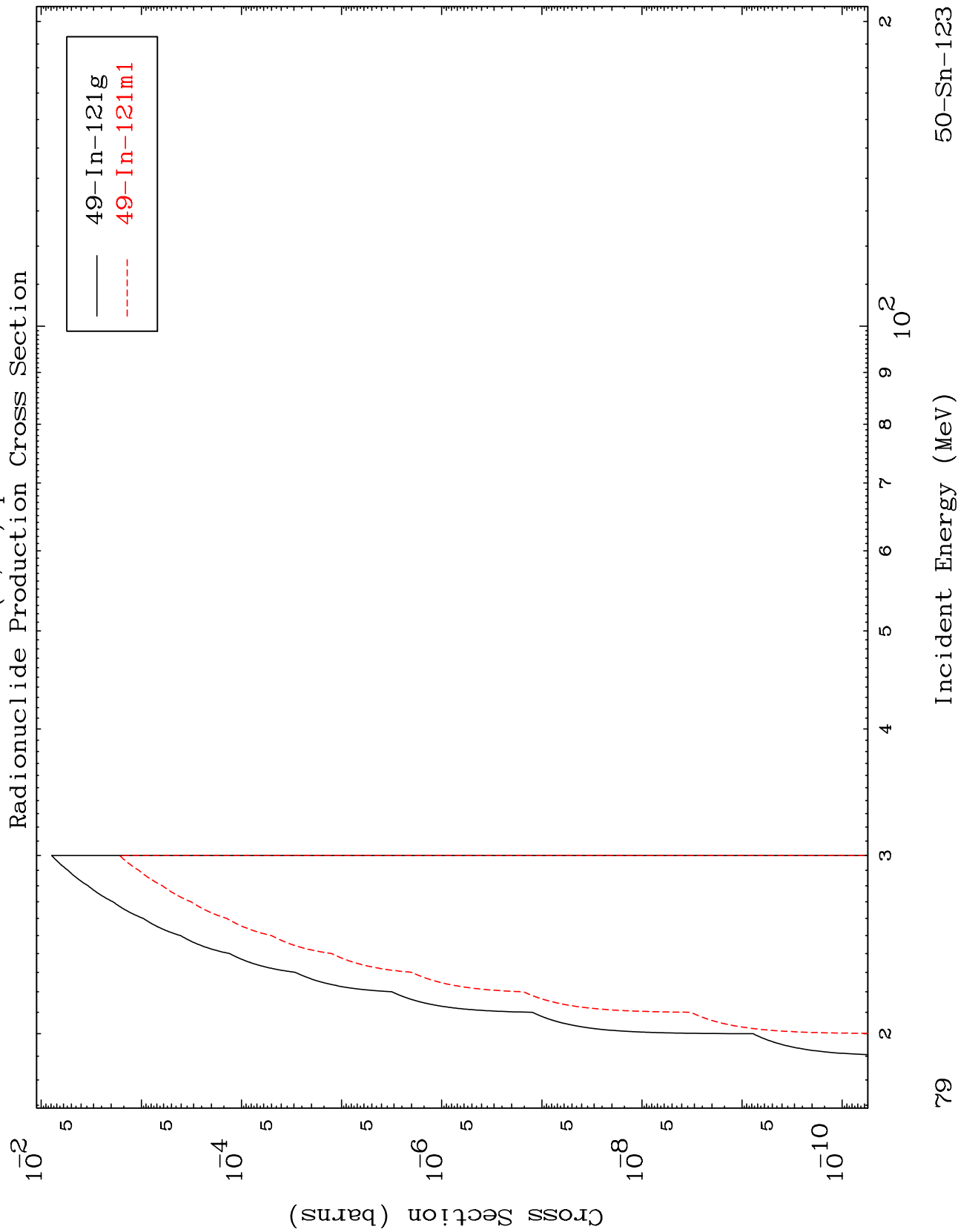
Radionuclide Production Cross Section



MAT 5058

(n,2n) p

50-Sn-123



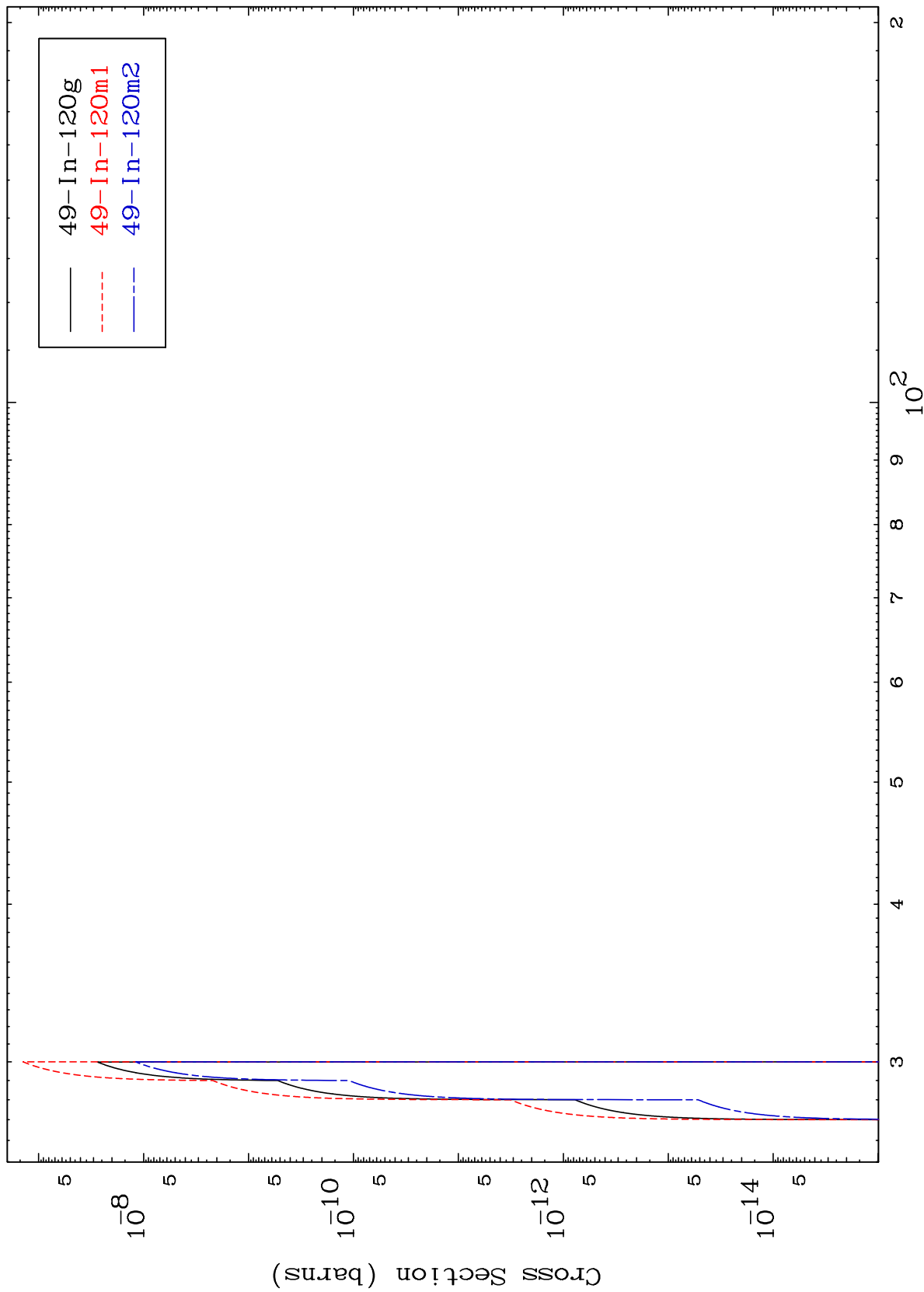
79

50-Sn-123

MAT 5058

50-Sn-123

(n,3n) p
Radionuclide Production Cross Section



80

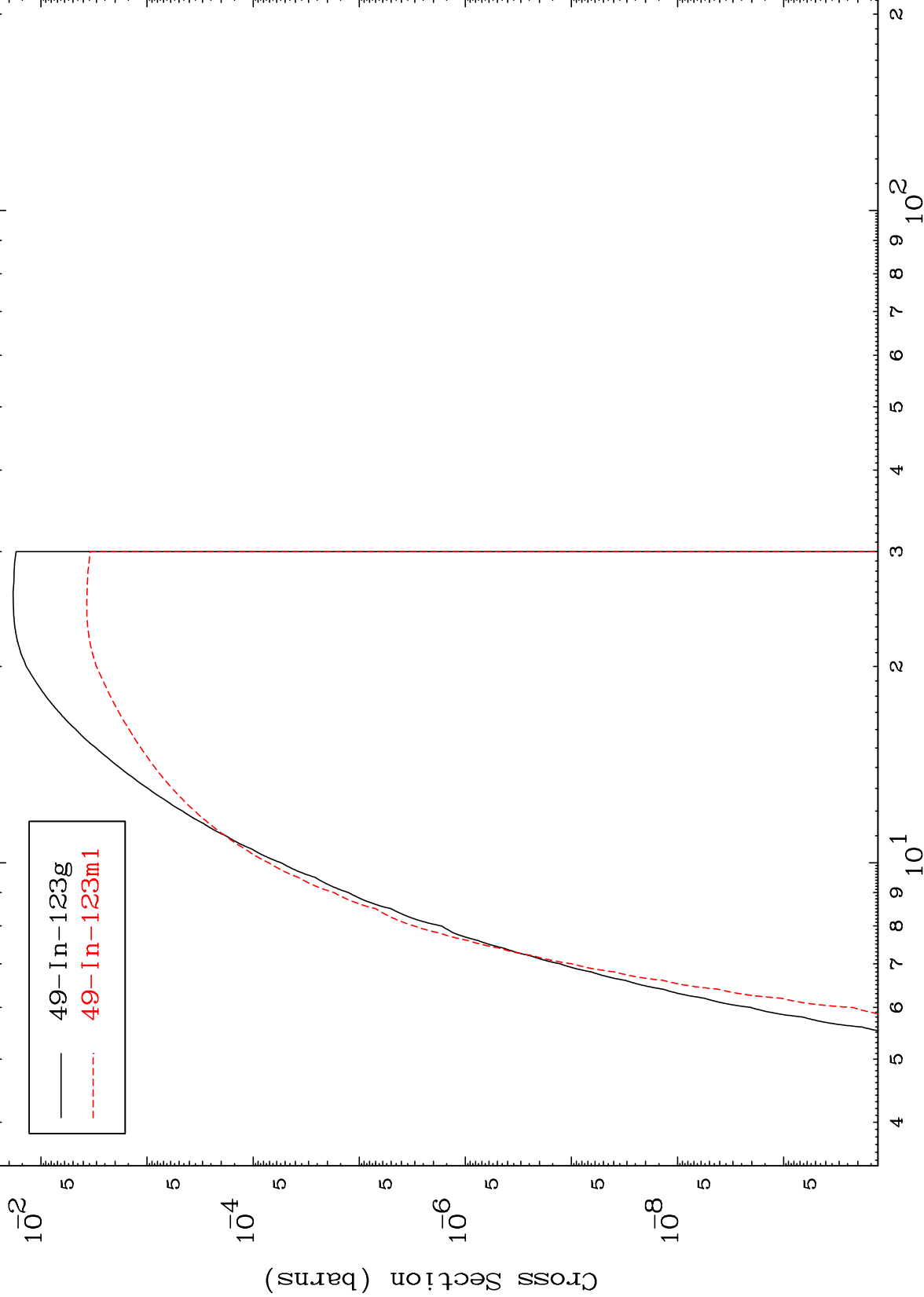
50-Sn-123

Incident Energy (MeV)

MAT 5058

50-Sn-123

(n,p)
Radionuclide Production Cross Section



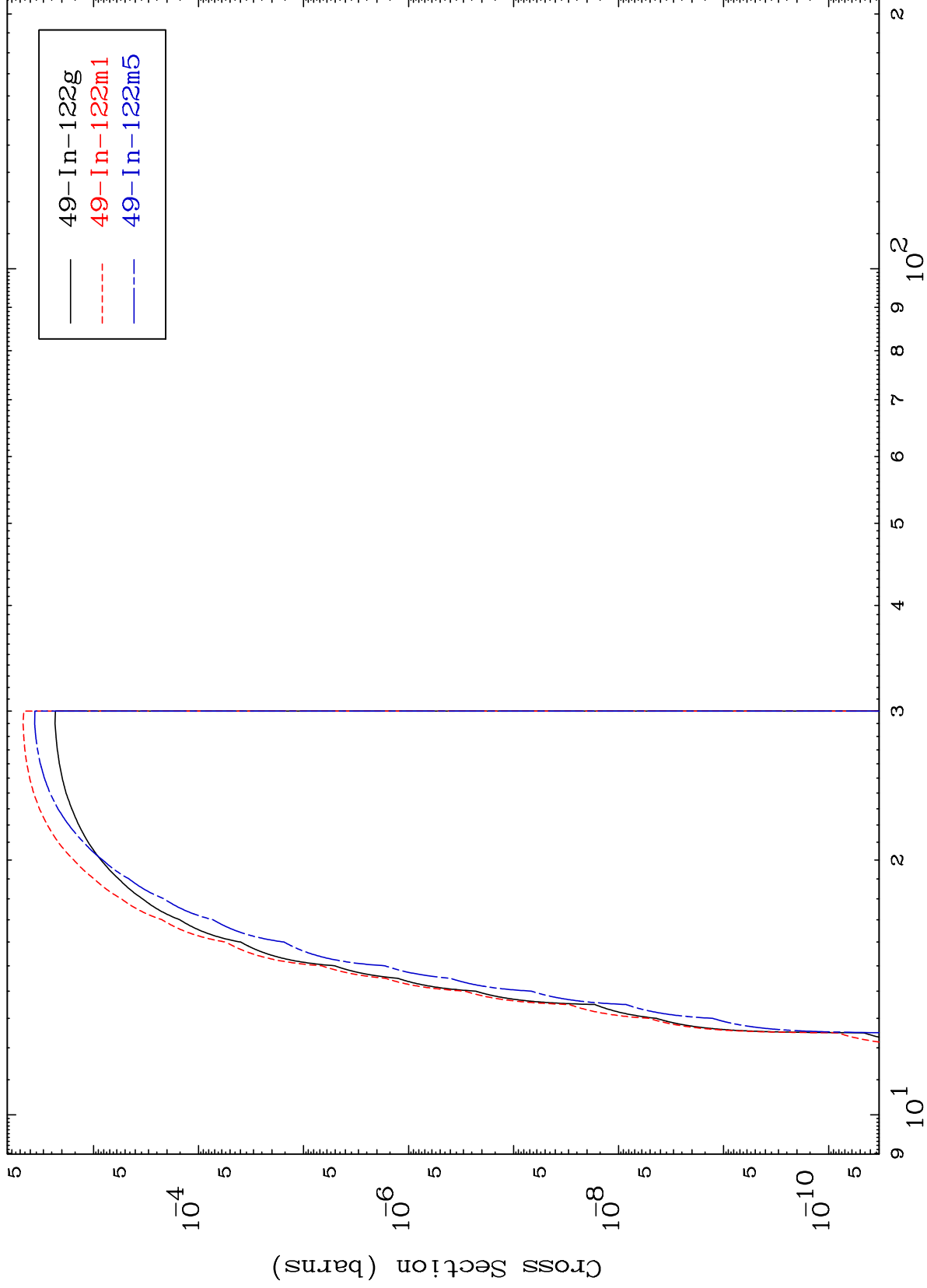
— 49-In-123g
- - - 49-In-123m1

MAT 5058

(n,d)

50-Sn-123

Radionuclide Production Cross Section



82

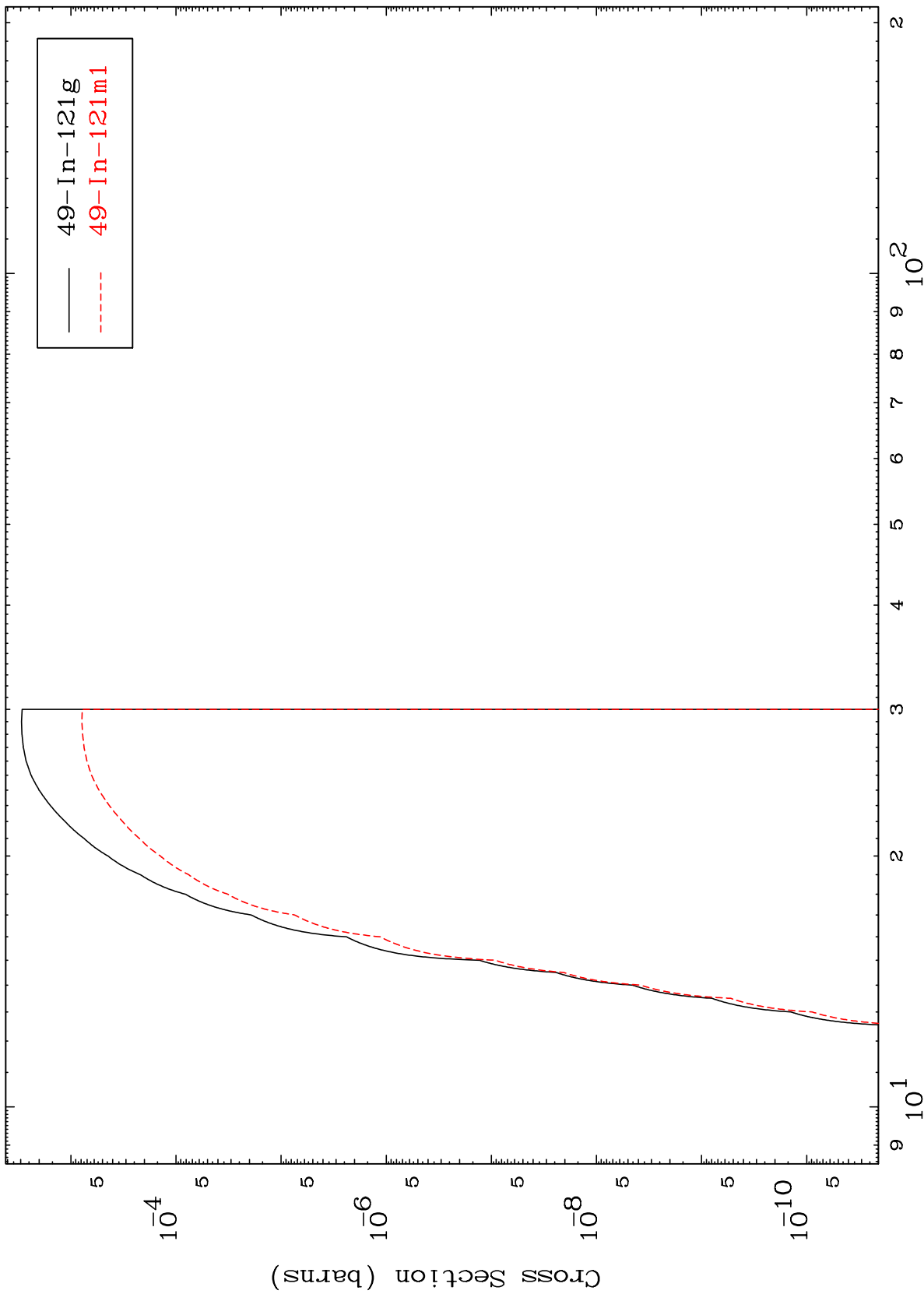
Incident Energy (MeV)

50-Sn-123

MAT 5058

50-Sn-123

(n,t)
Radionuclide Production Cross Section



83

Incident Energy (MeV)

50-Sn-123

Radionuclide Production Cross Section

