

Program EVALPLOT
(Version 2021-1)

by

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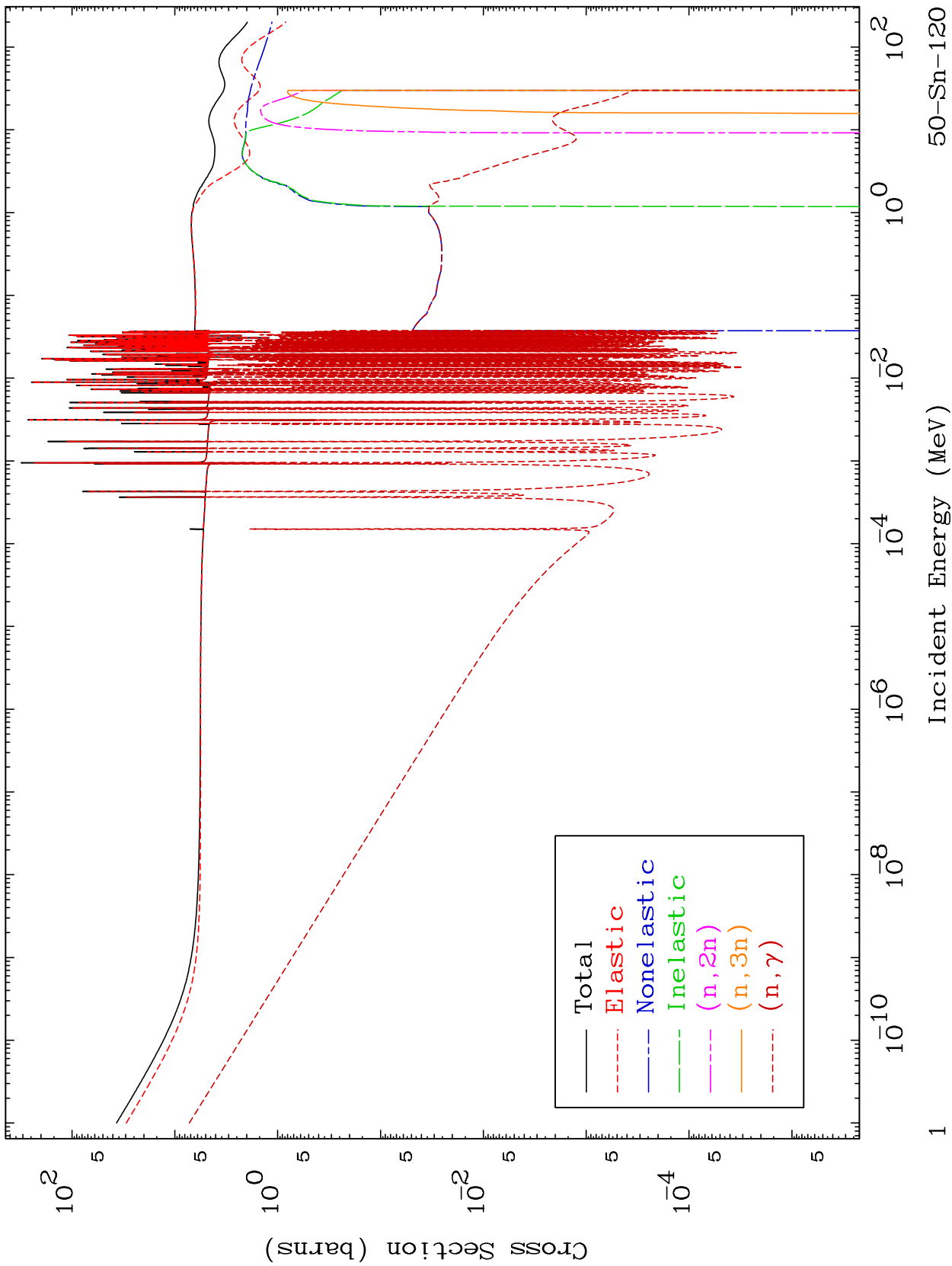
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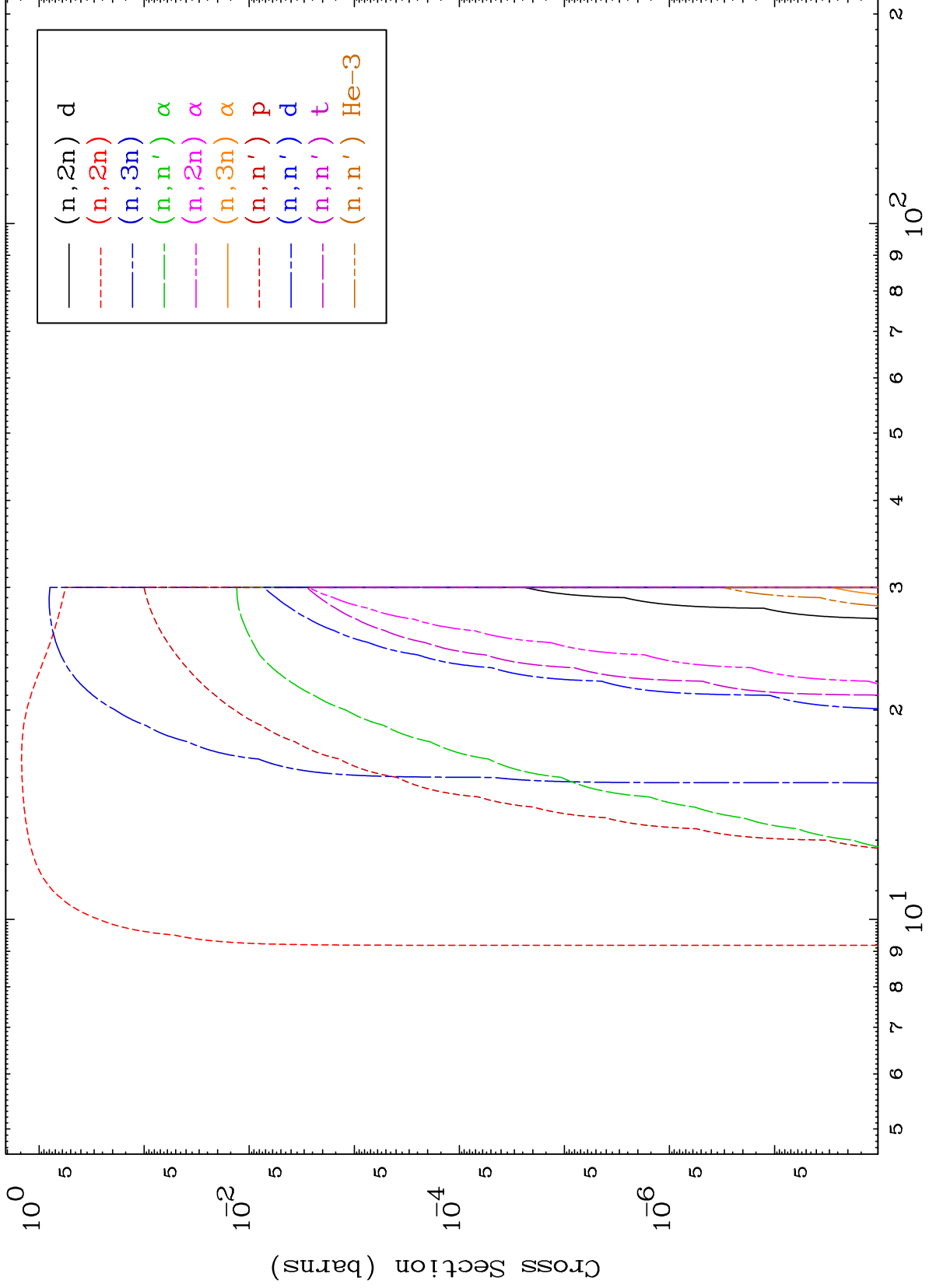
Press Mouse Button to Start

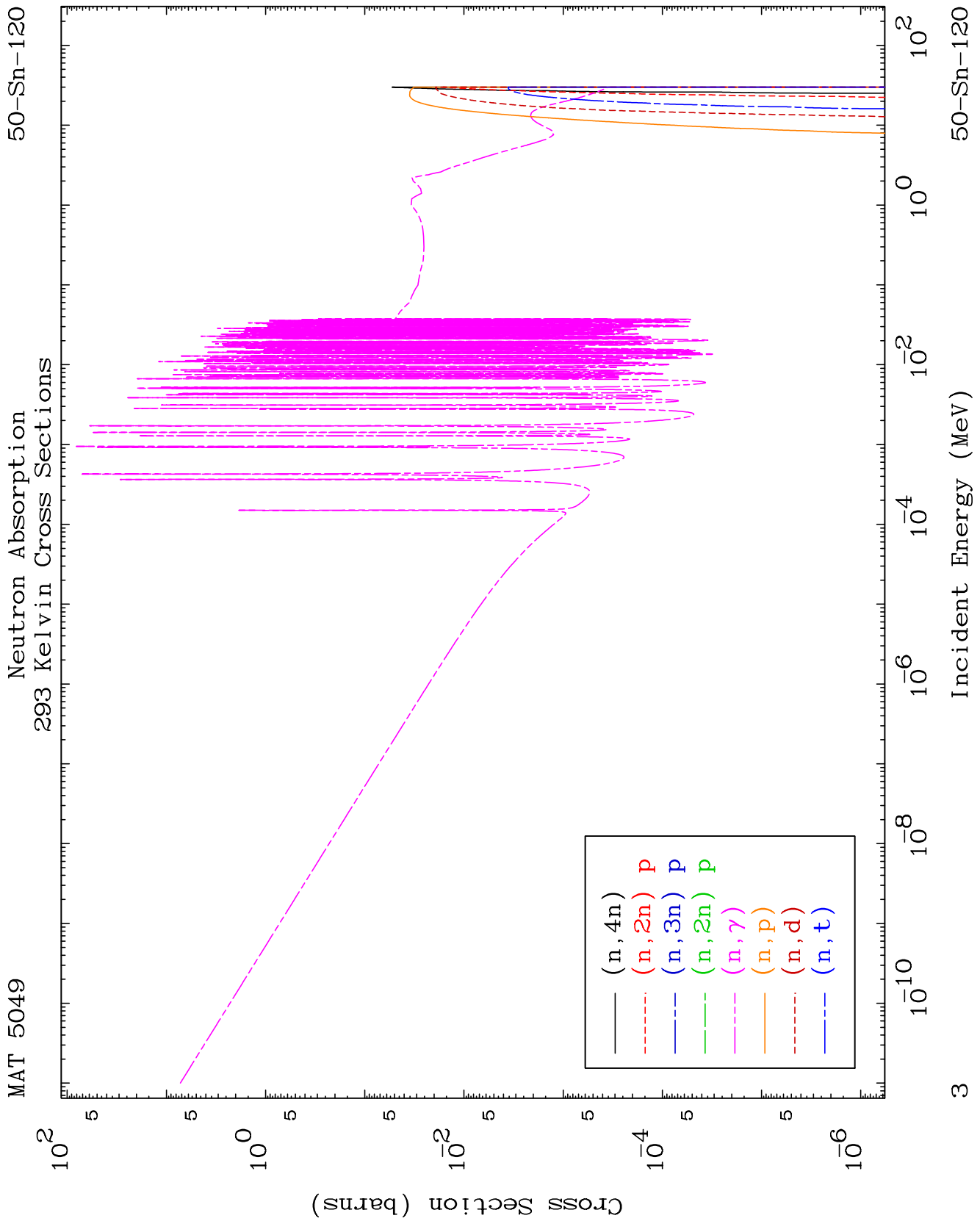
MAT 5049

Neutron Major
293 Kelvin Cross Sections

50-Sn-120



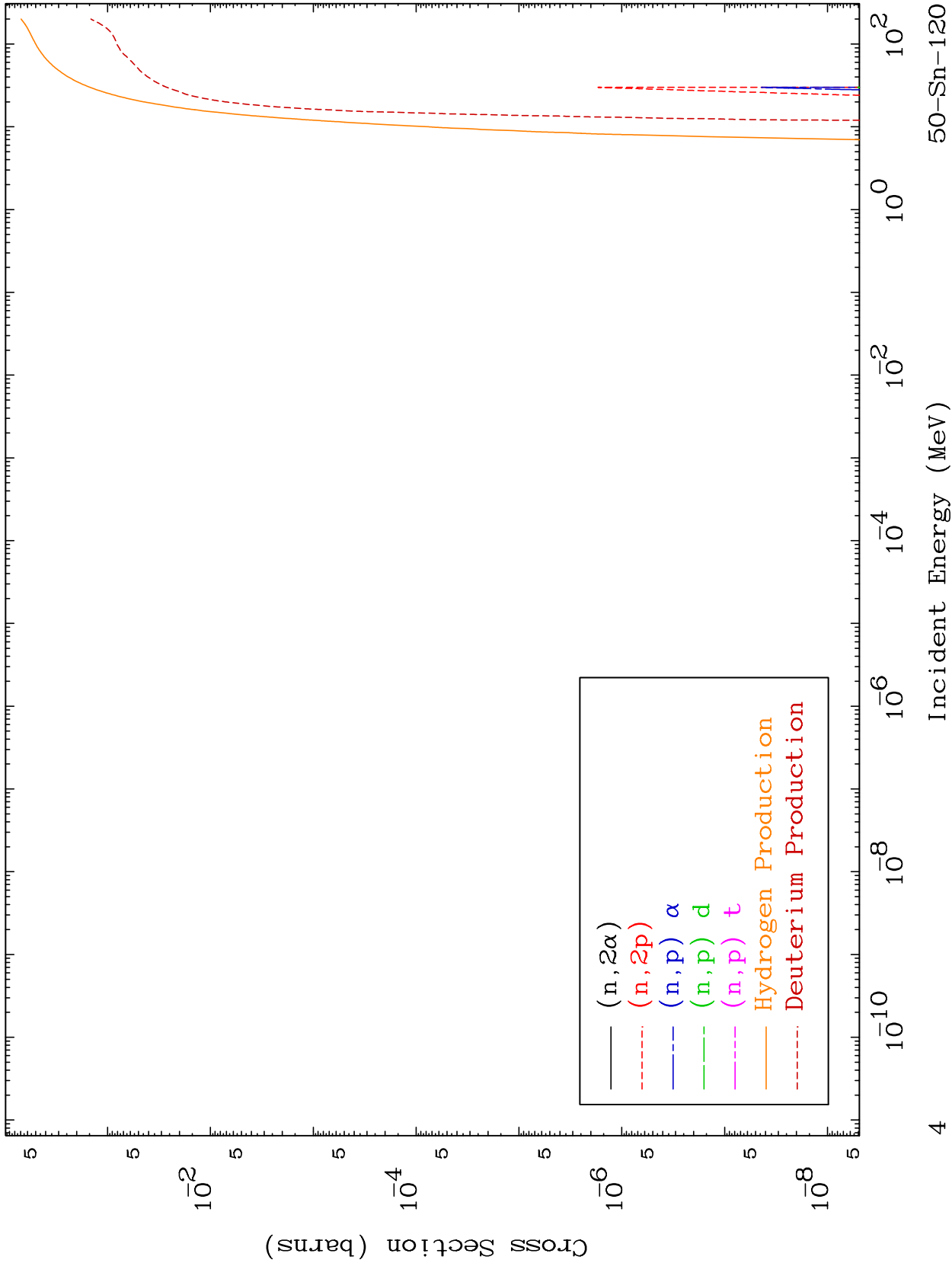


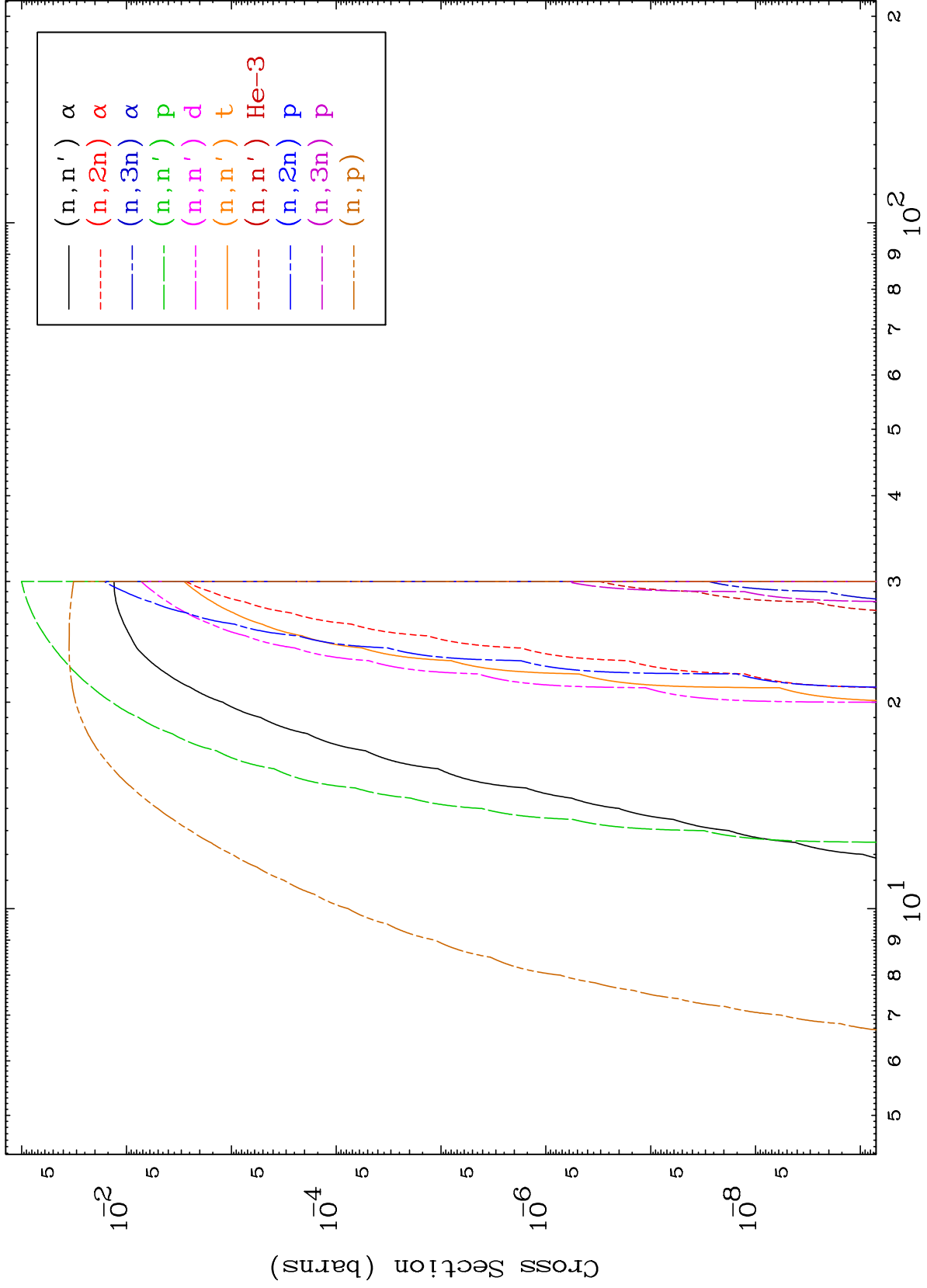


MAT 5049

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-120

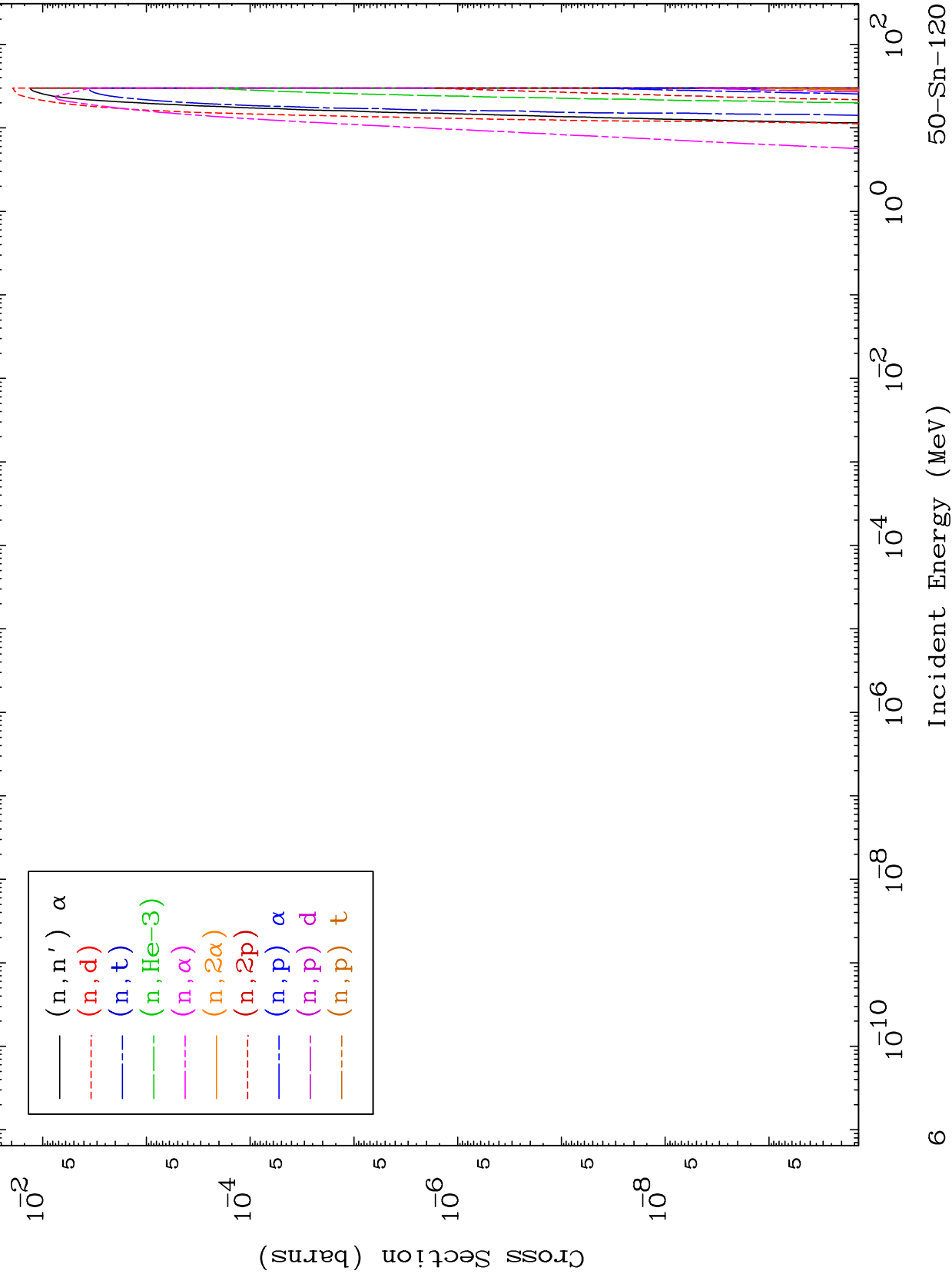




MAT 5049

Charged Particle
293 Kelvin Cross Sections

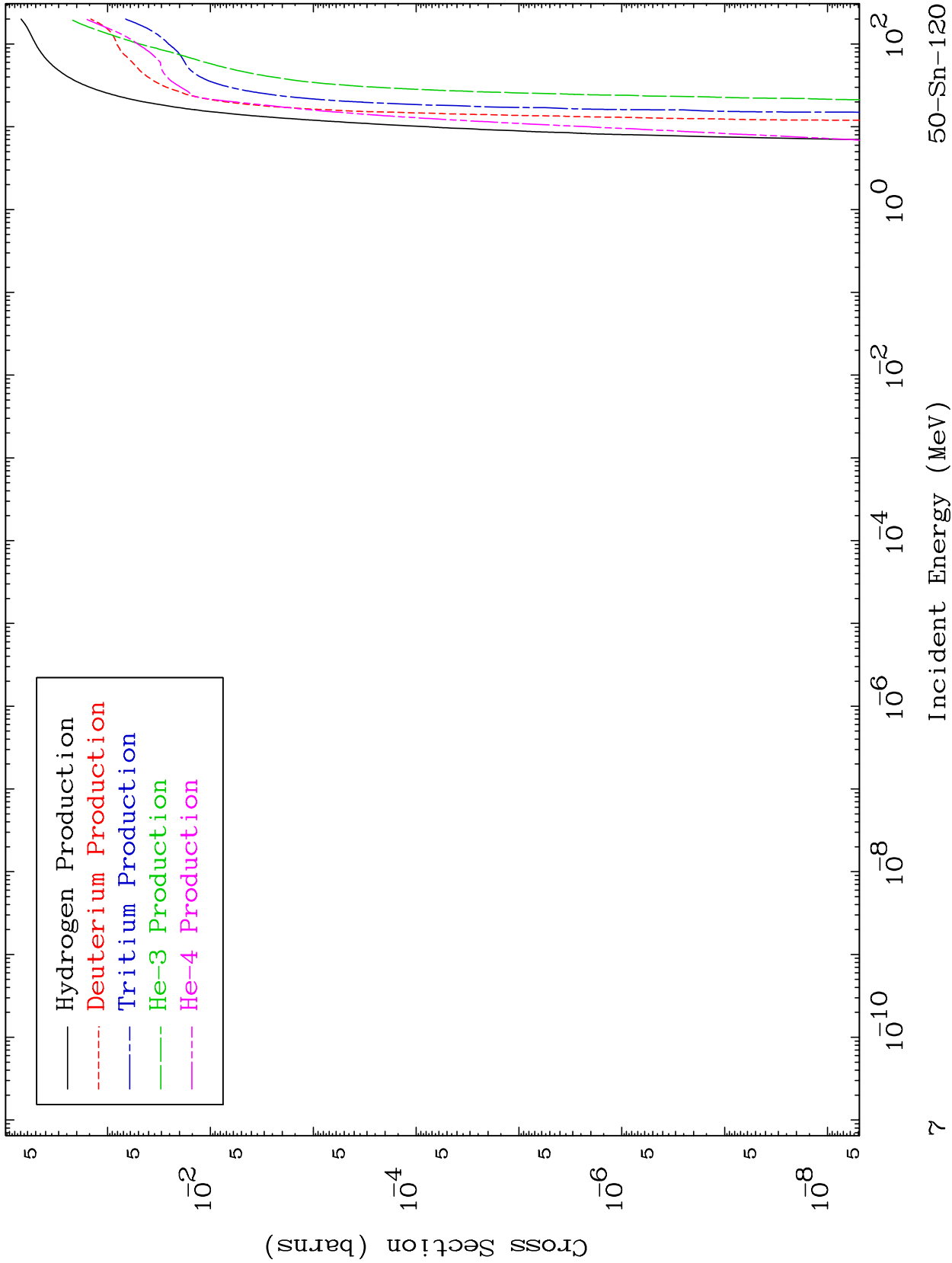
50-Sn-120

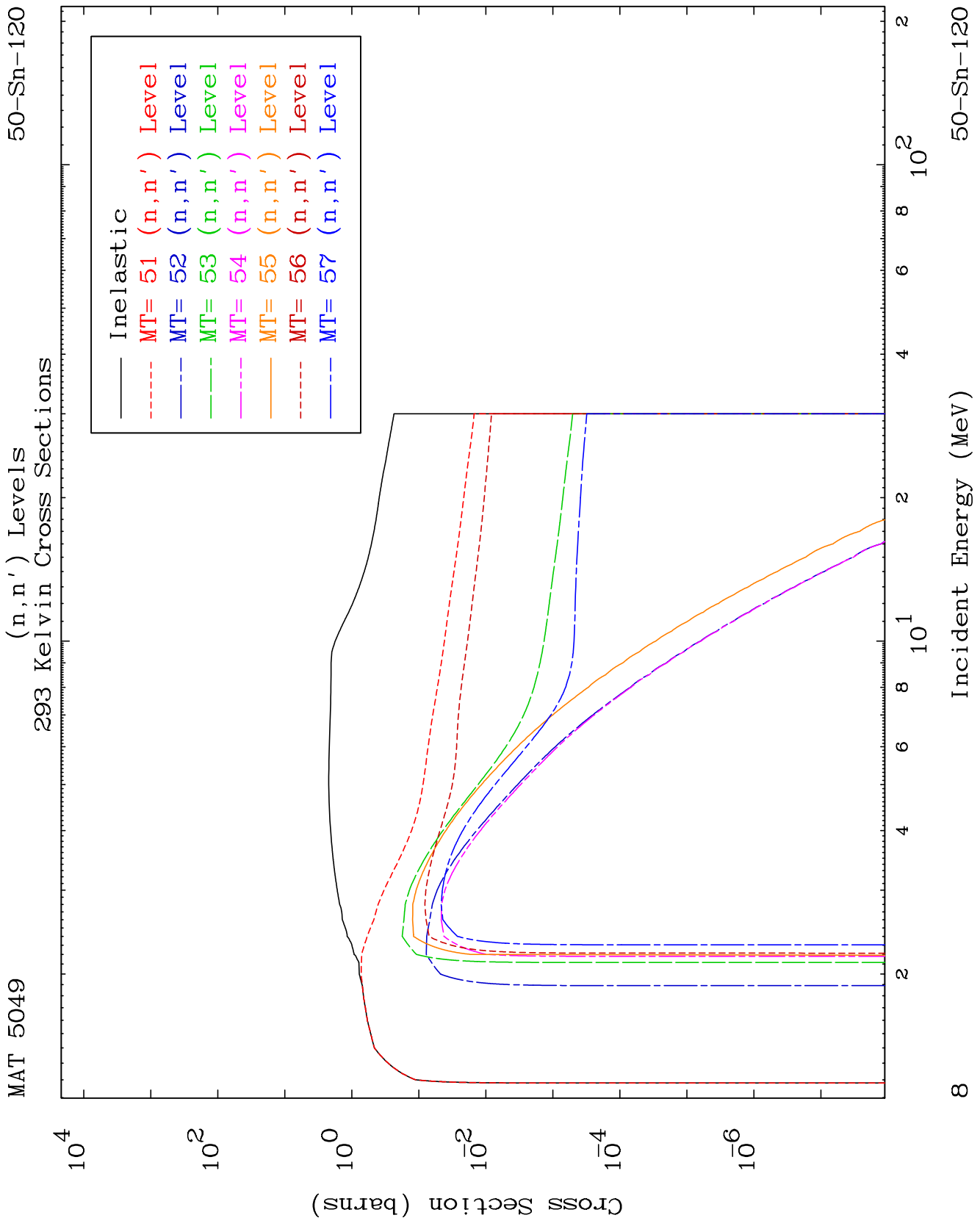


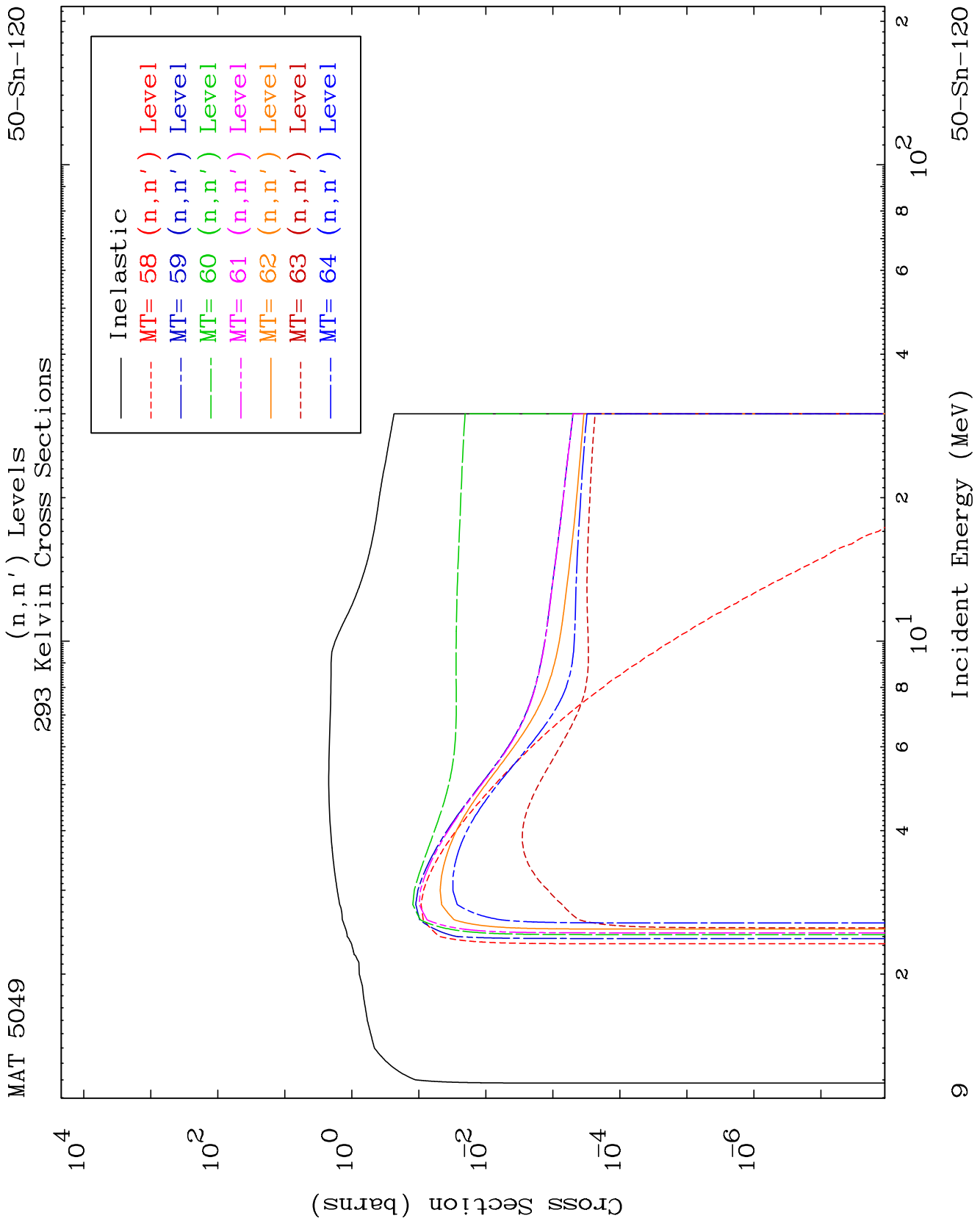
MAT 5049

Particle Production
293 Kelvin Cross Sections

50-Sn-120





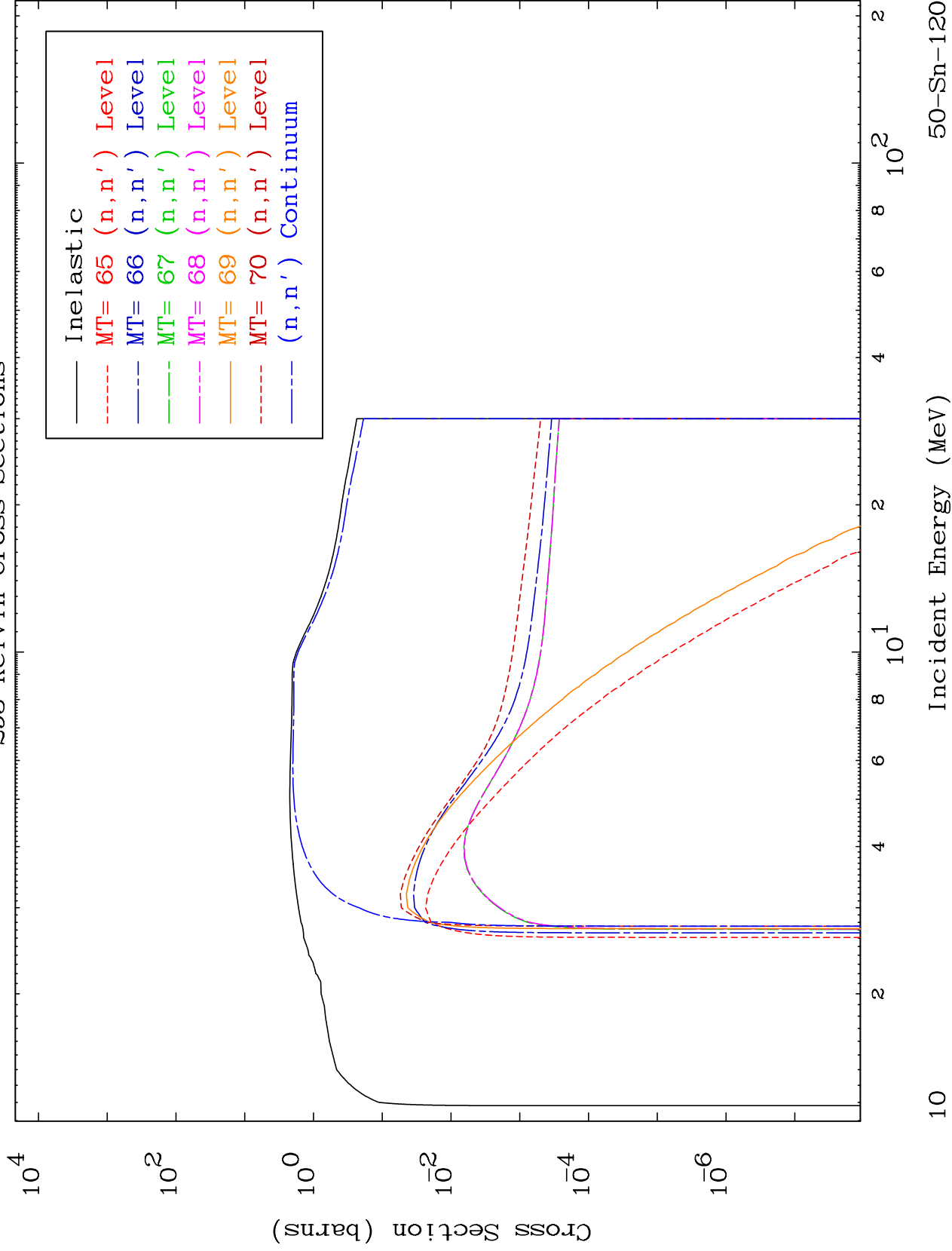


MAT 5049

(n,n') Levels

50-Sn-120

293 Kelvin Cross Sections



10

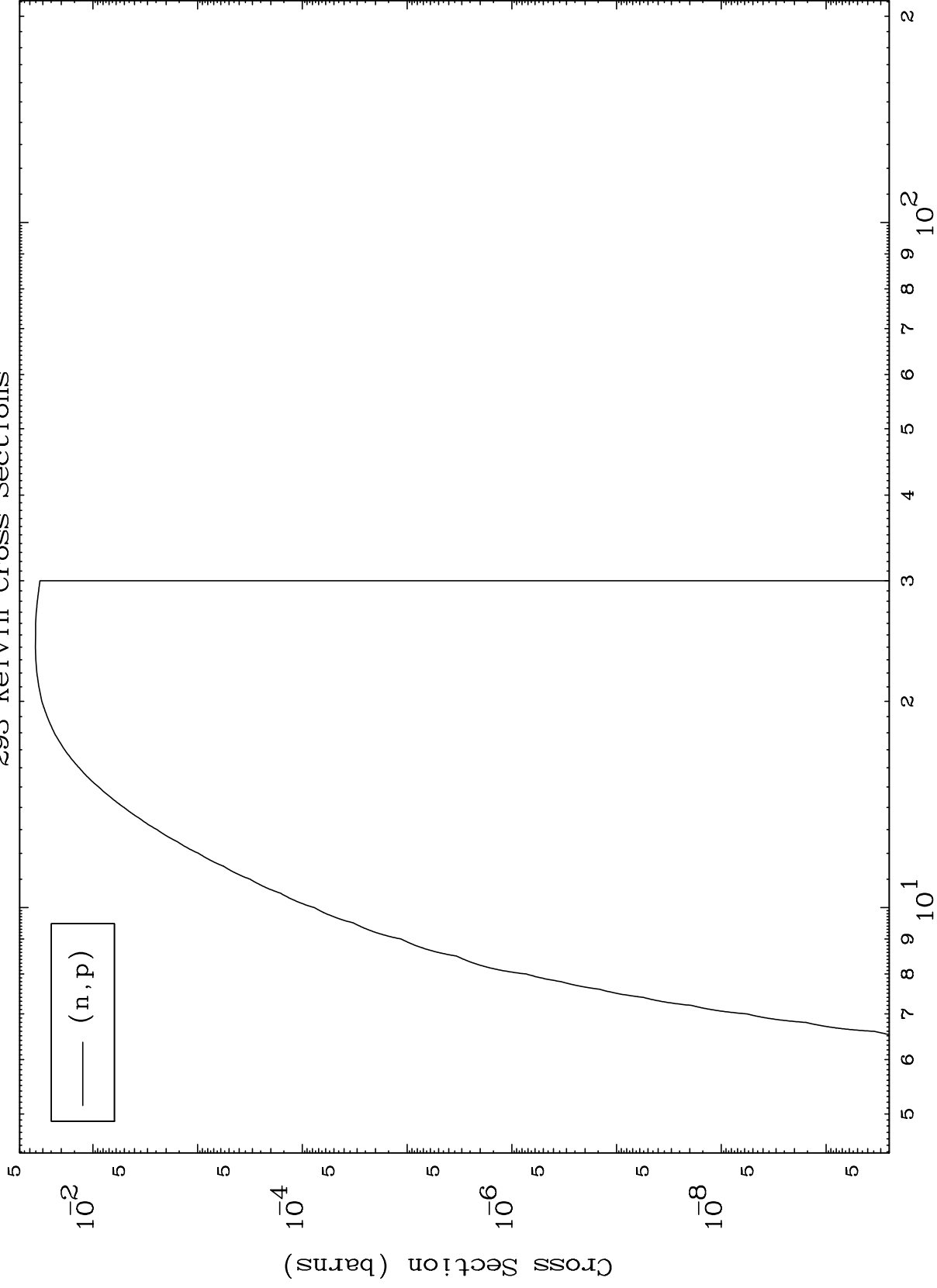
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-120



11

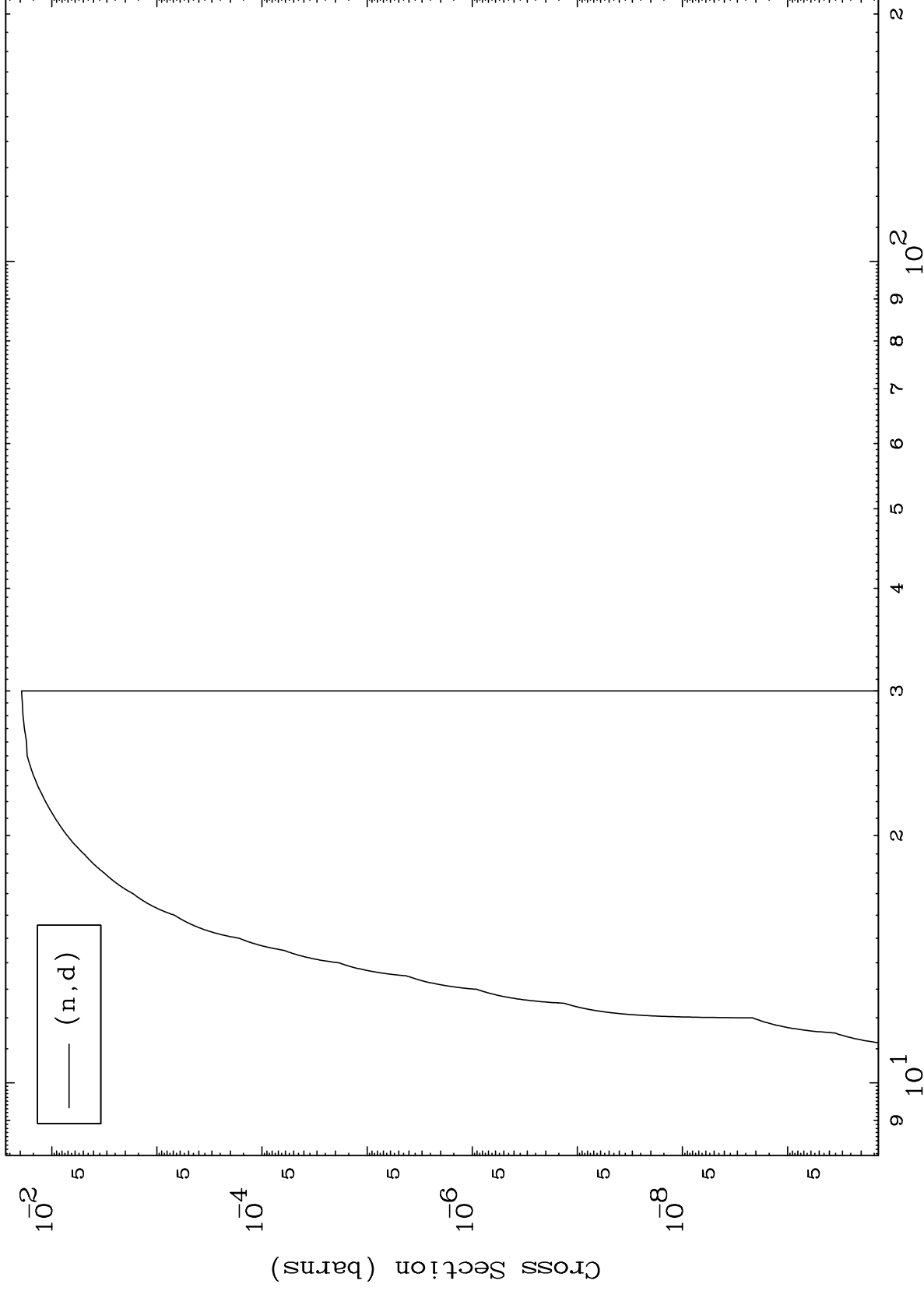
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-120



12

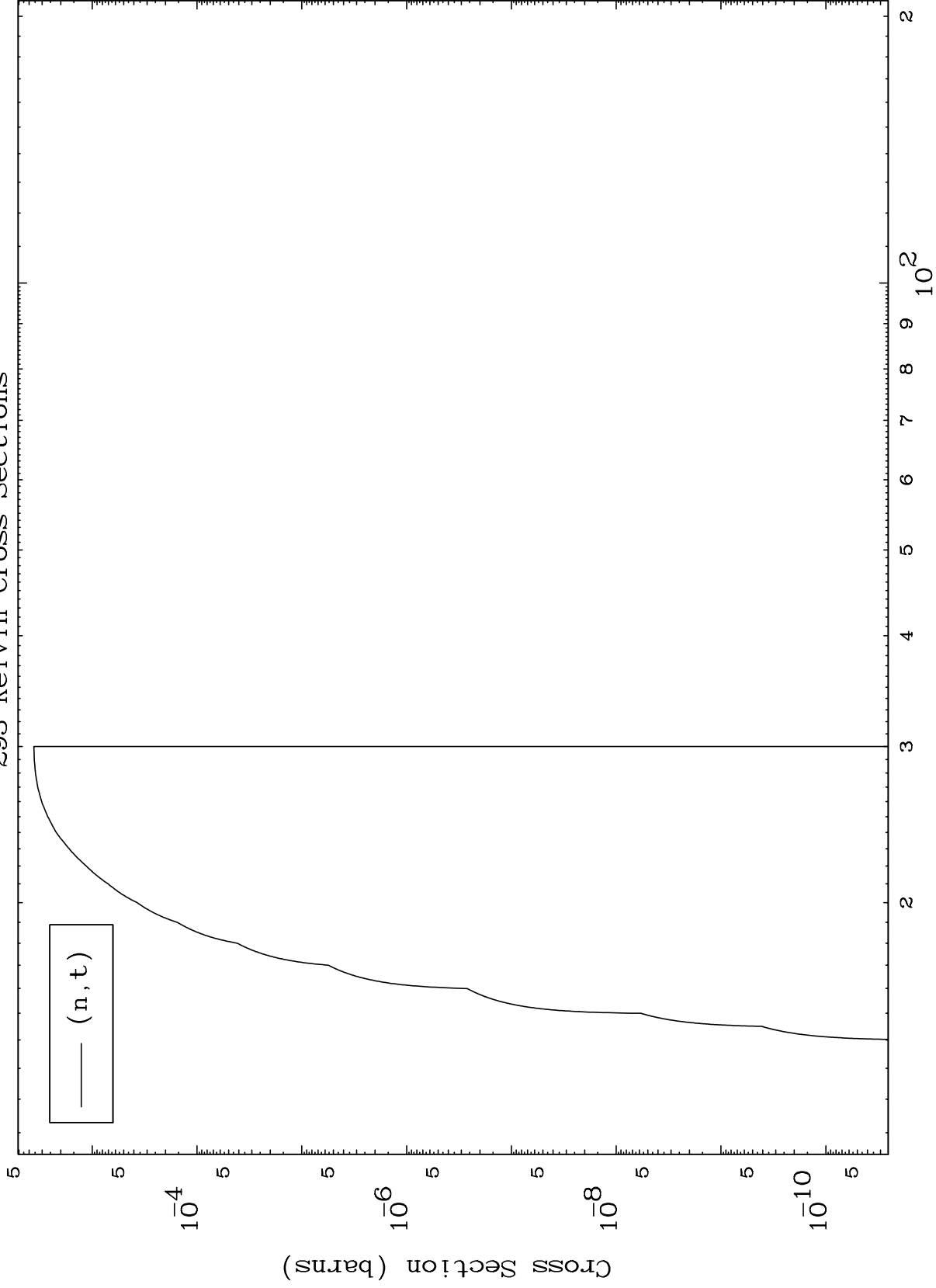
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-120



13

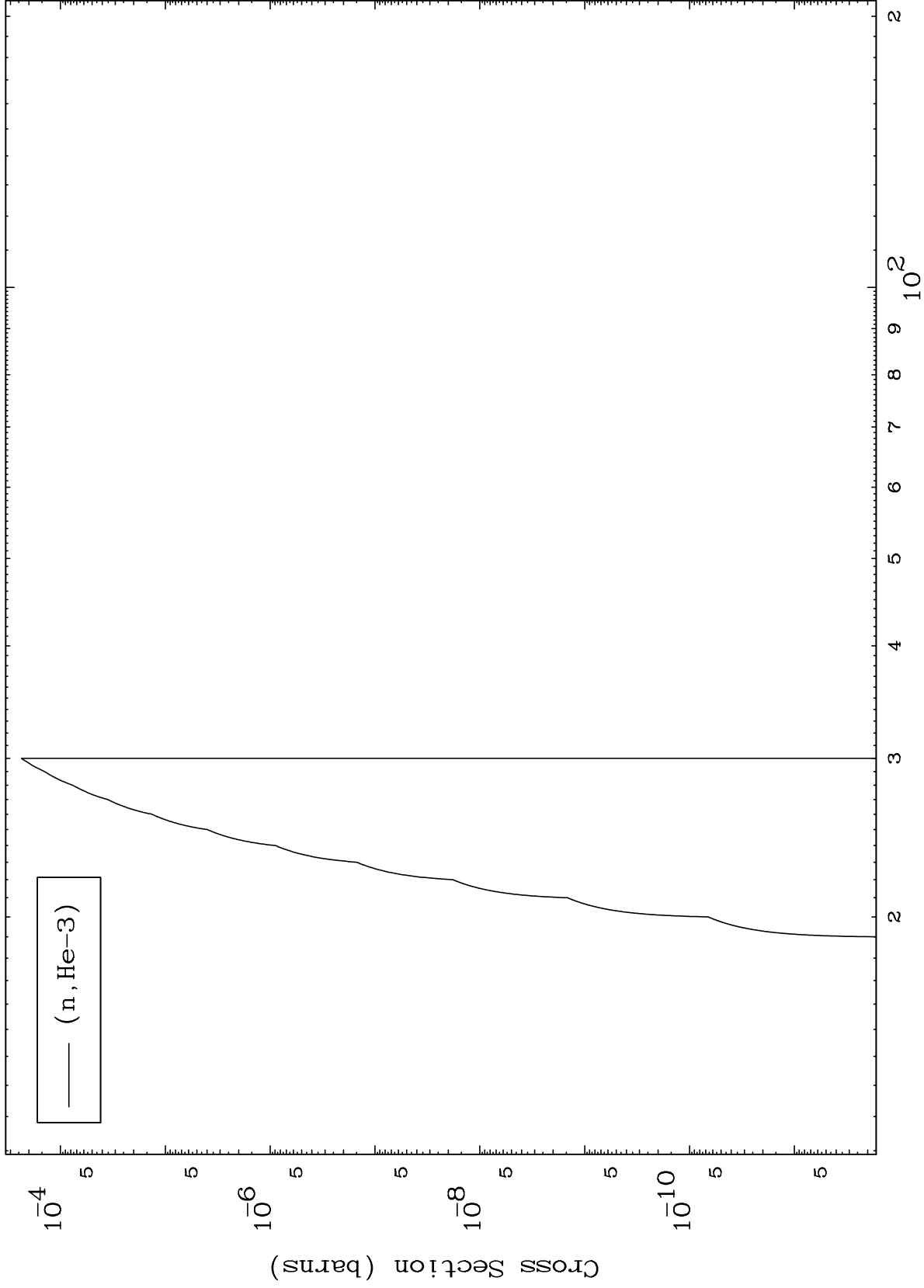
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-120



14

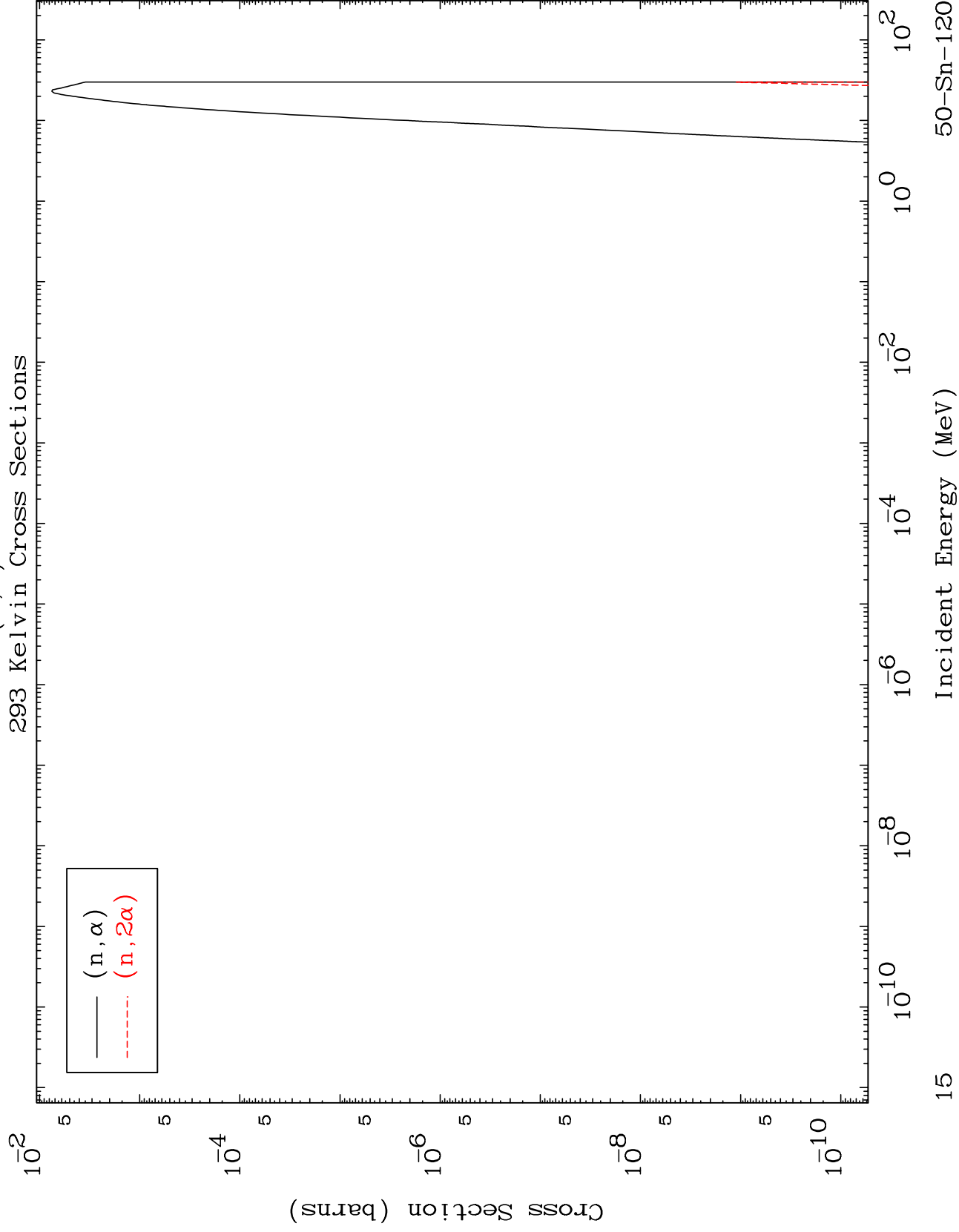
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n, α) Levels
293 Kelvin Cross Sections

50-Sn-120



15

MAT 5049

50-Sn-120

Elastic Legendre Coefficients



16

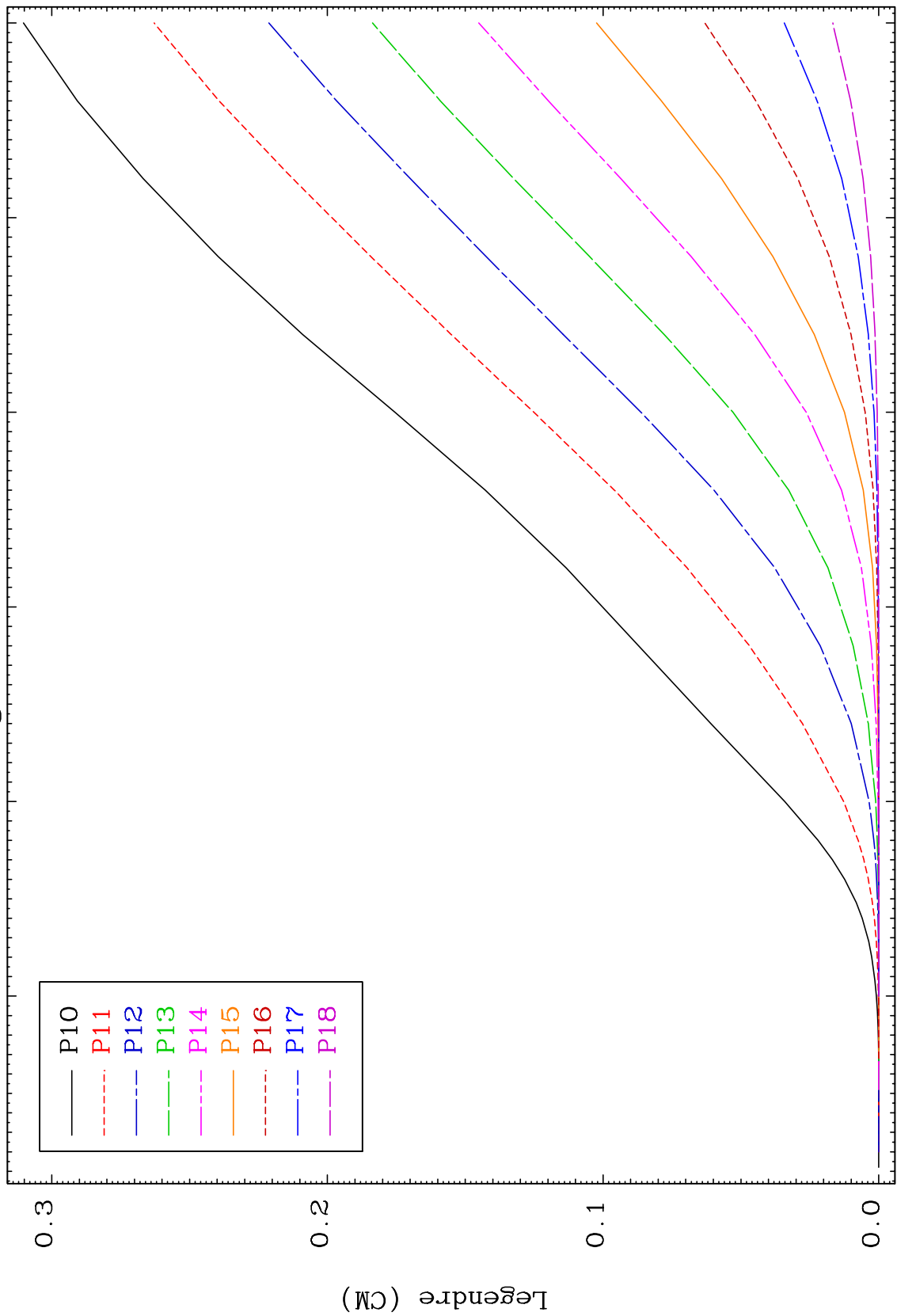
Incident Energy (MeV)

50-Sn-120

MAT 5049

Elastic Legendre Coefficients

50-Sn-120



17

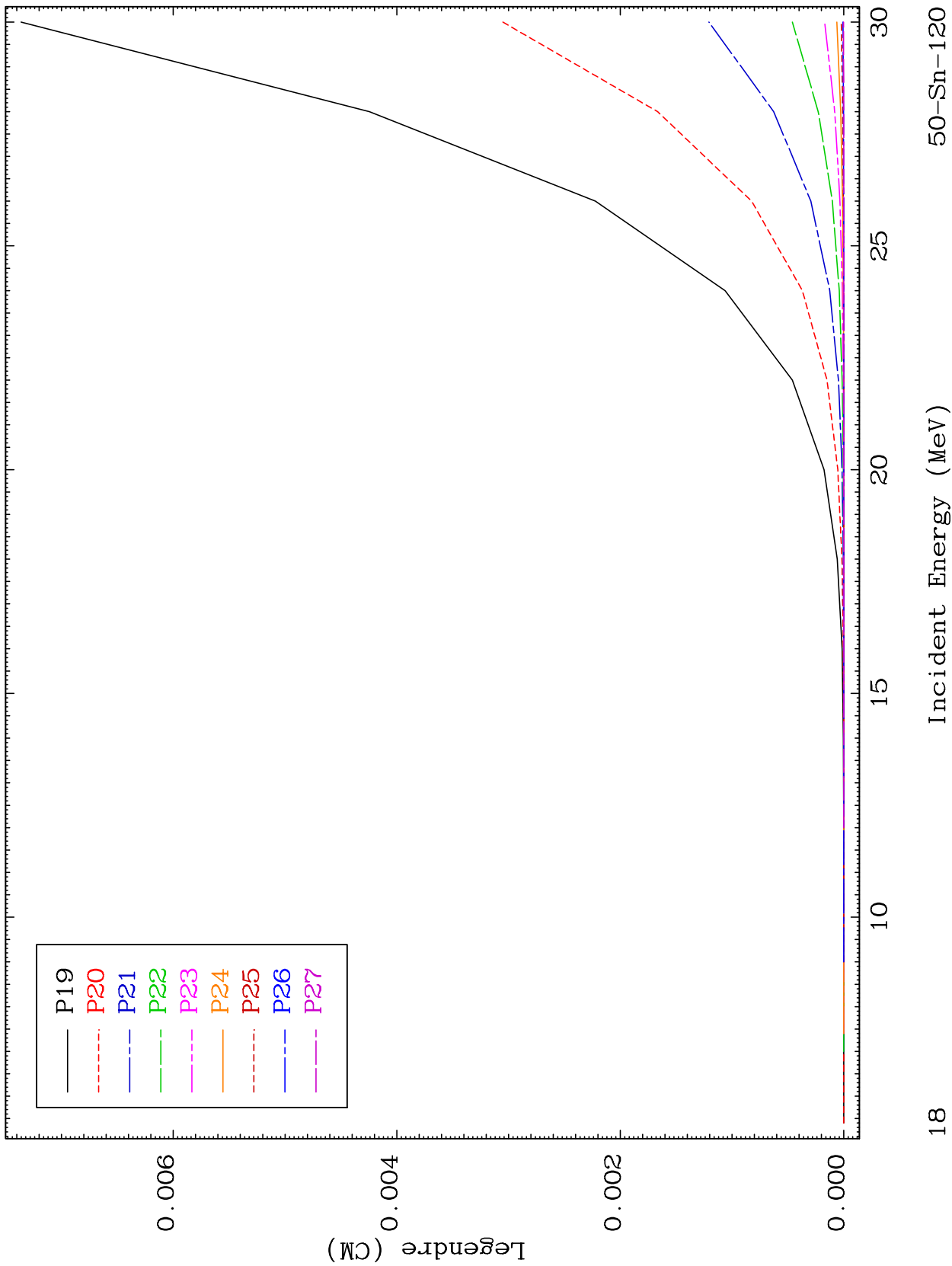
Incident Energy (MeV)

50-Sn-120

MAT 5049

Elastic Legendre Coefficients

50-Sn-120



18

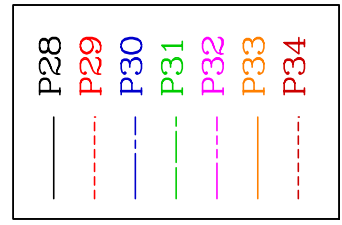
Incident Energy (MeV)

50-Sn-120

MAT 5049

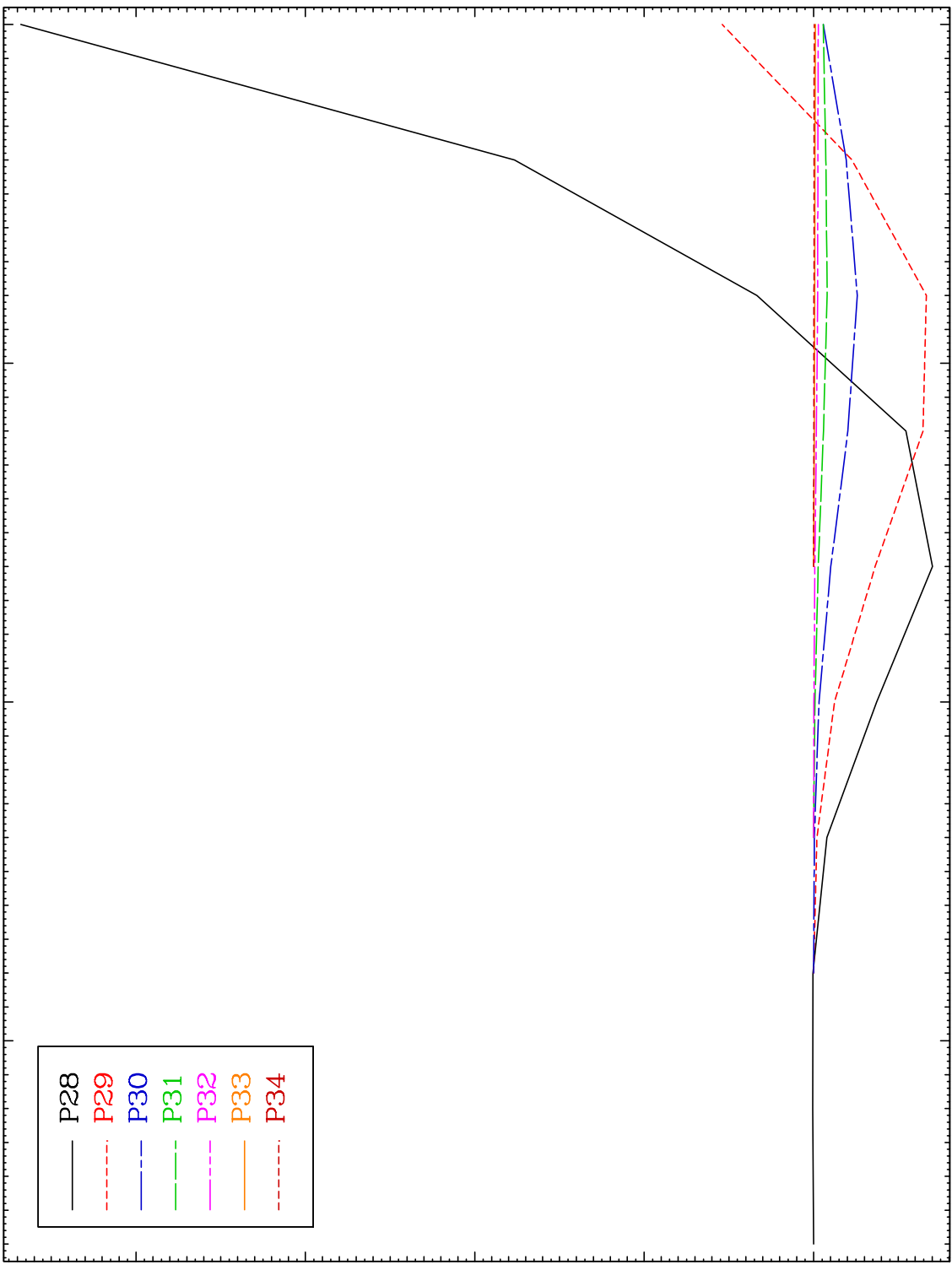
Elastic Legendre Coefficients

50-Sn-120



$\times 10^{-7}$

Legendre (CM)



15

20

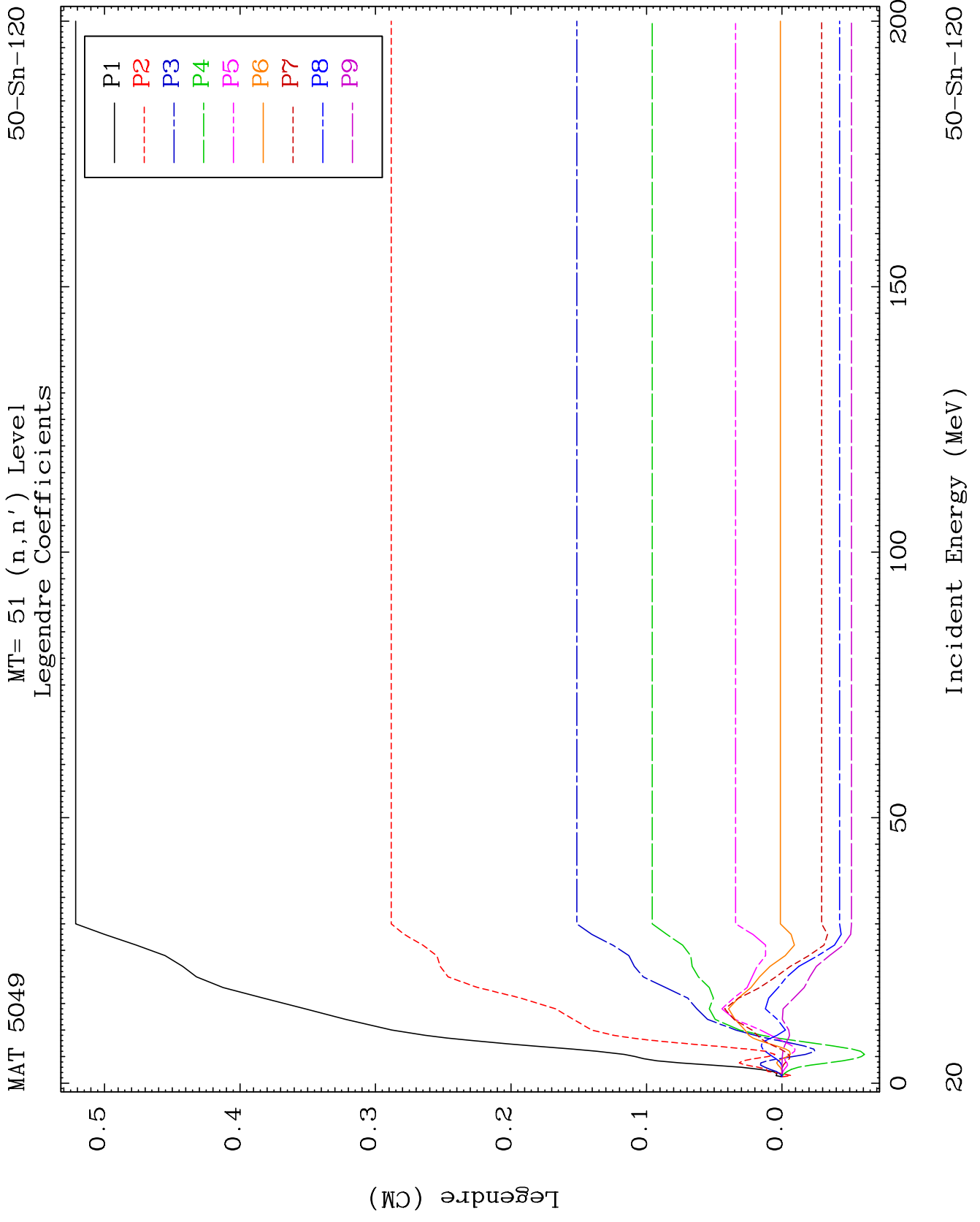
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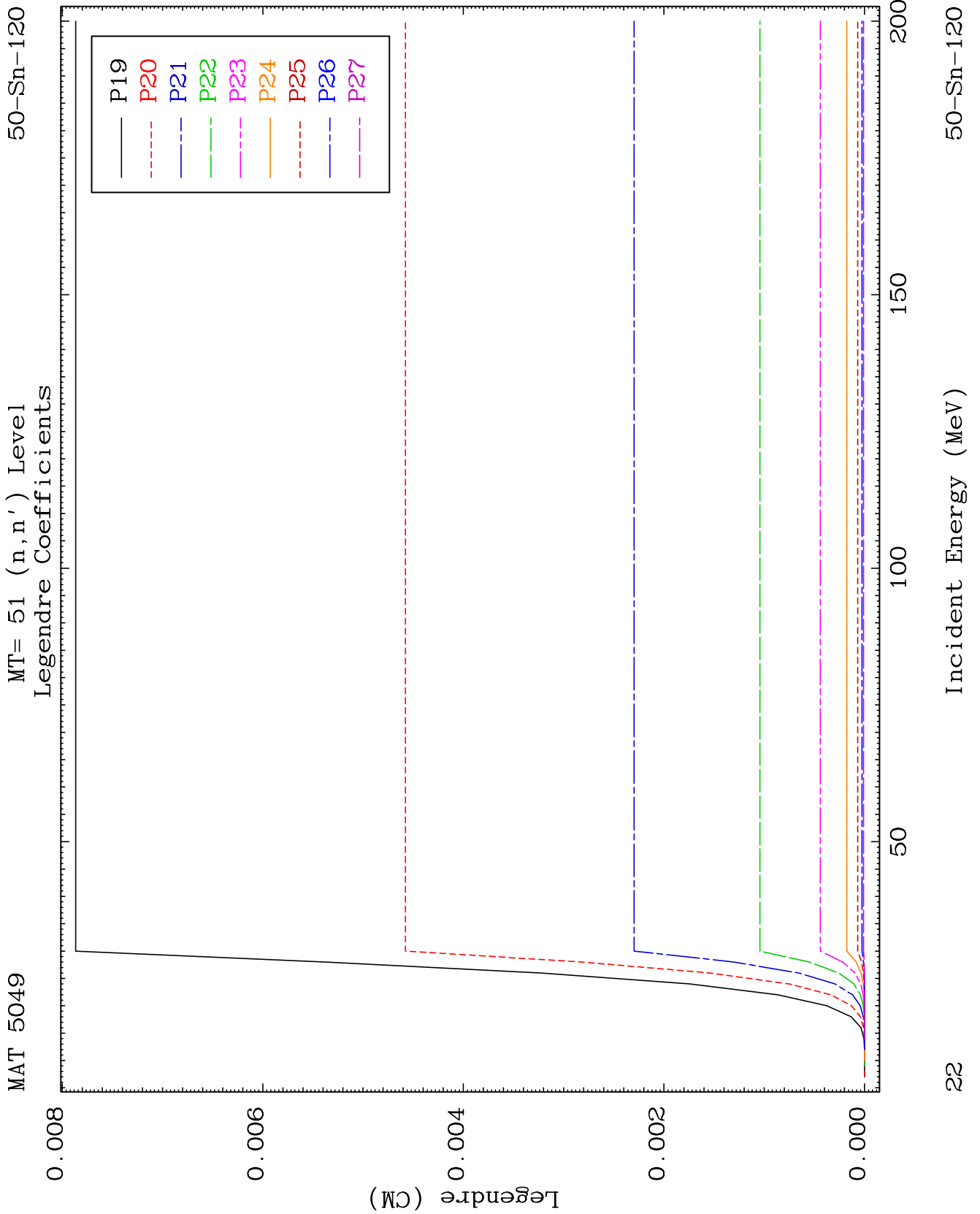
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19

Incident Energy (MeV)

50-Sn-120

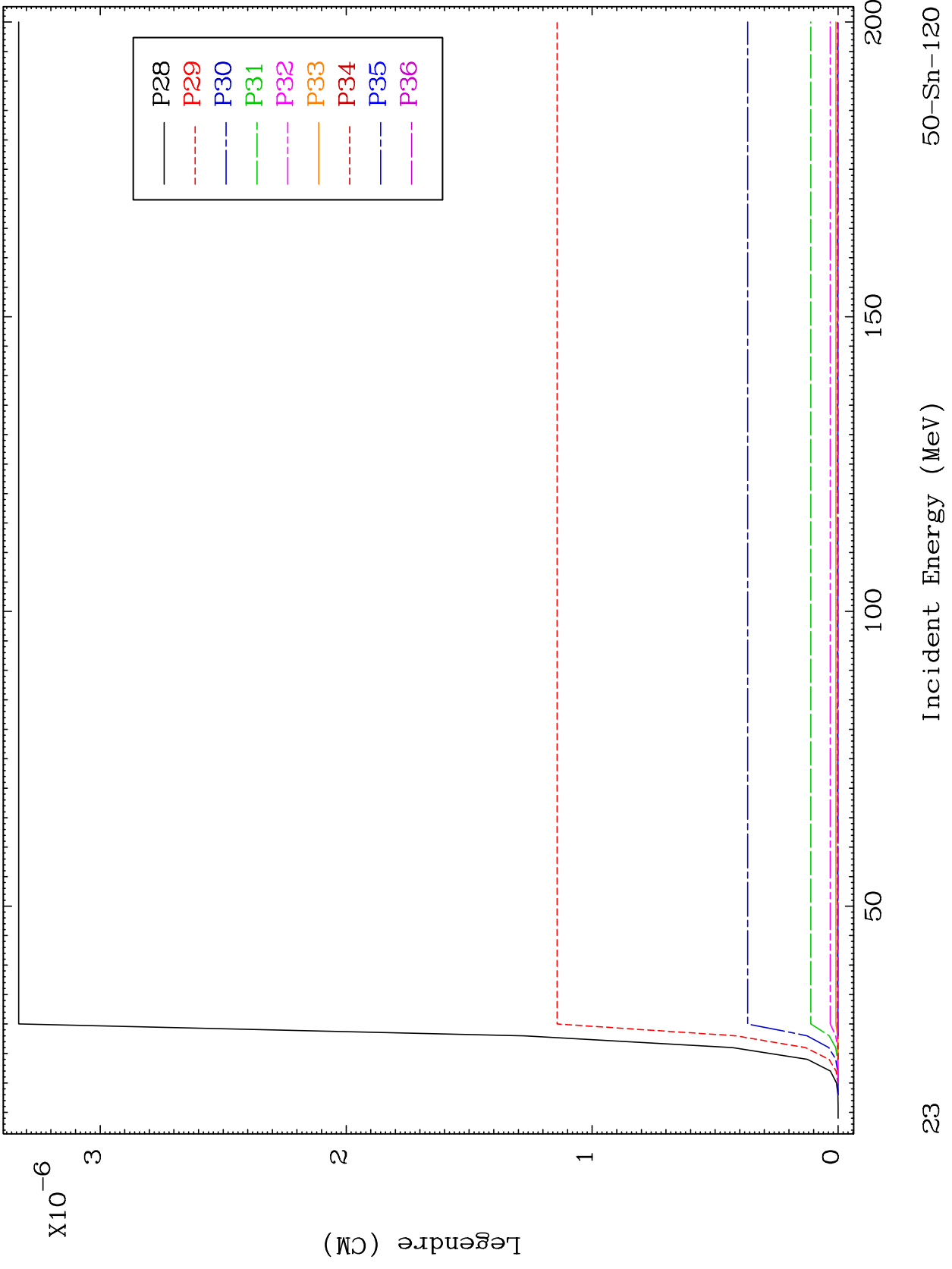




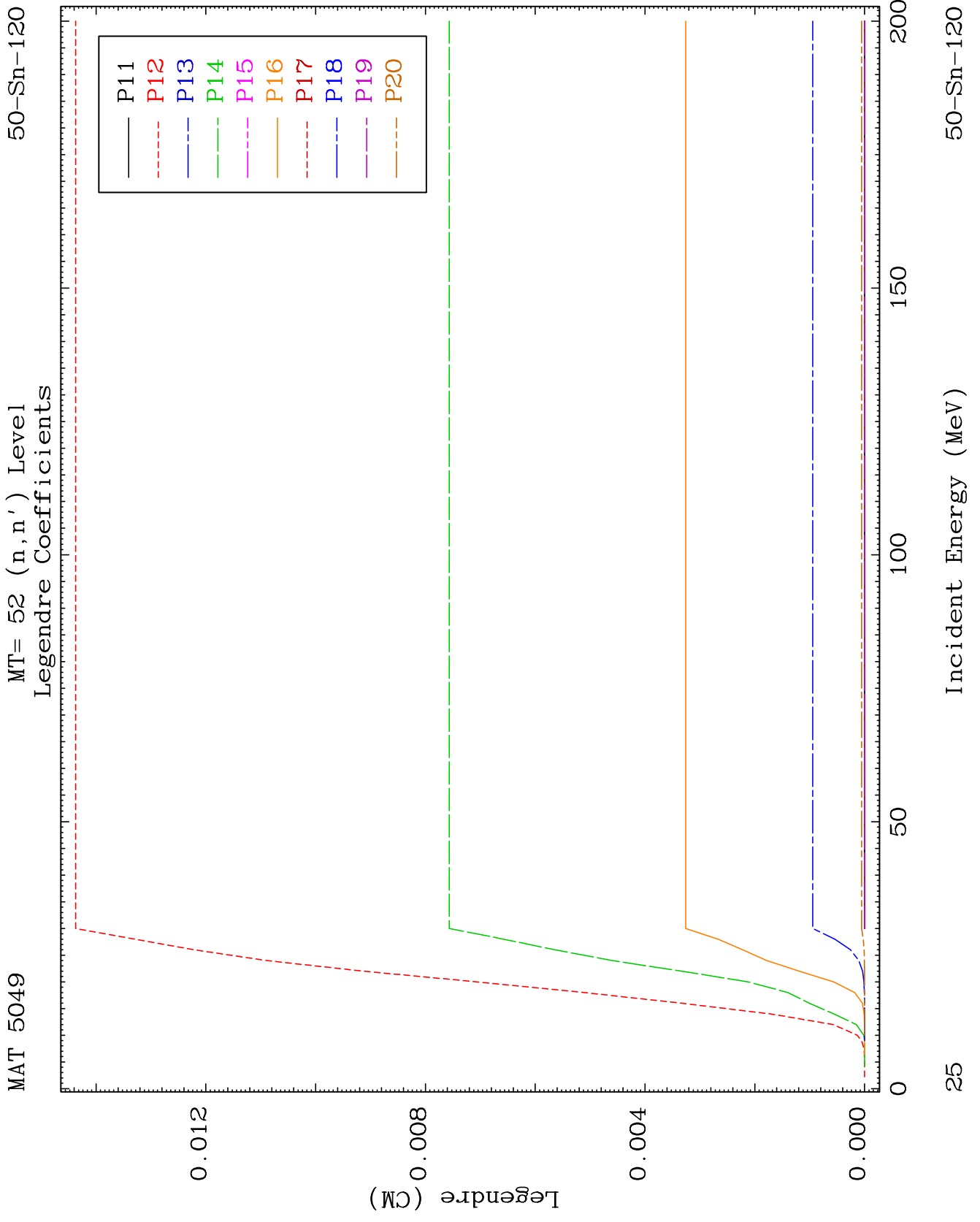
MAT 5049

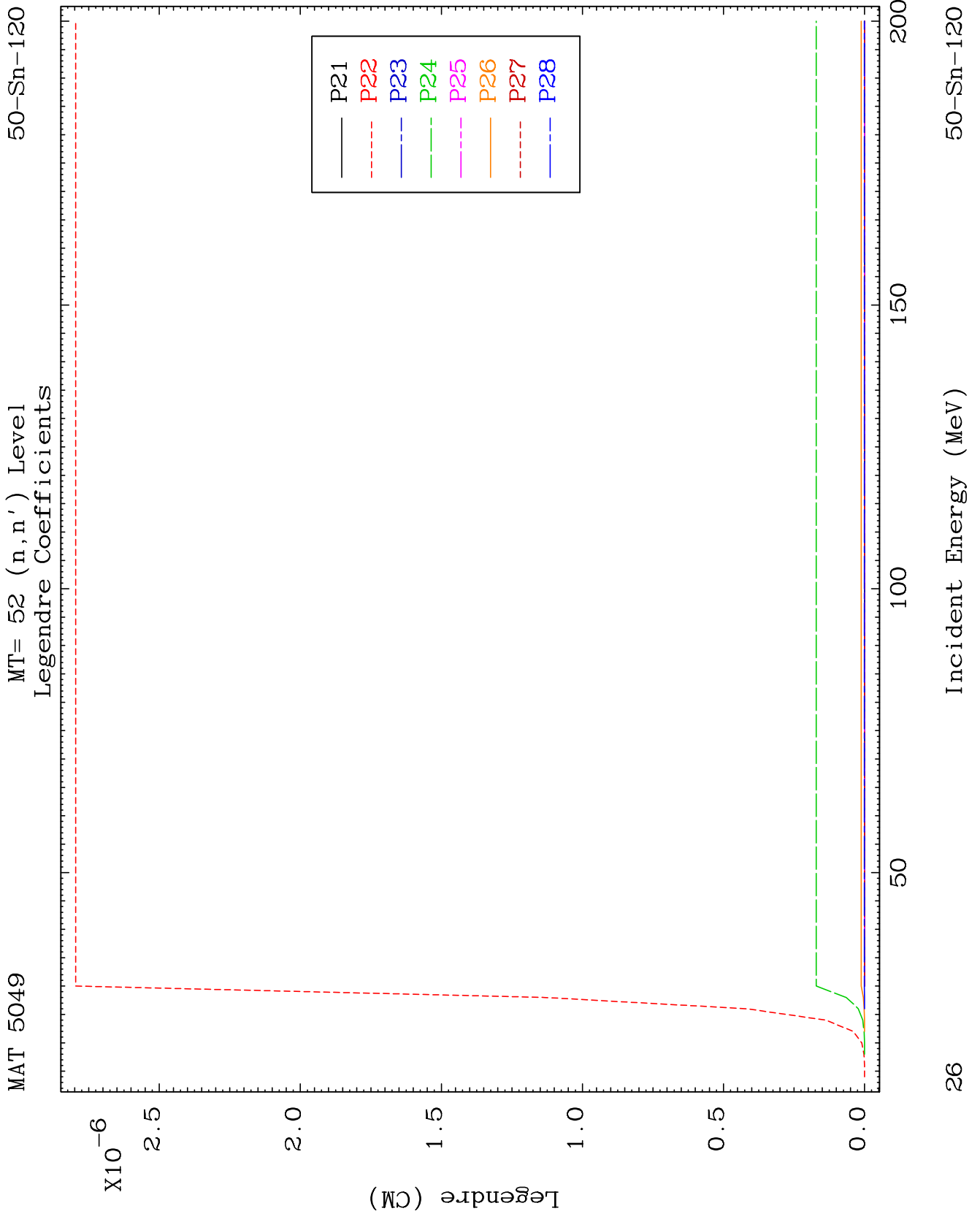
MT= 51 (n,n') Level
Legendre Coefficients

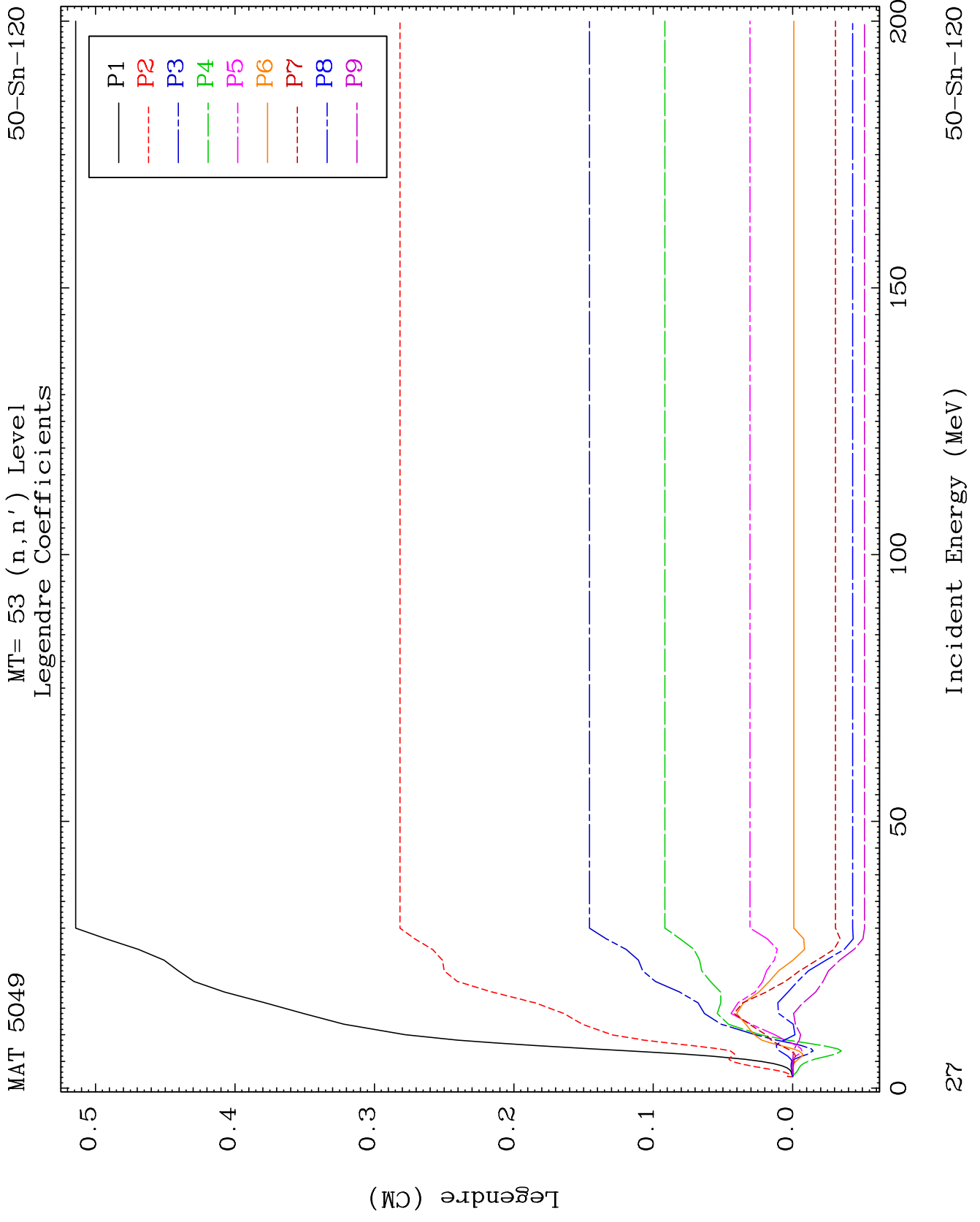
50-Sn-120



23



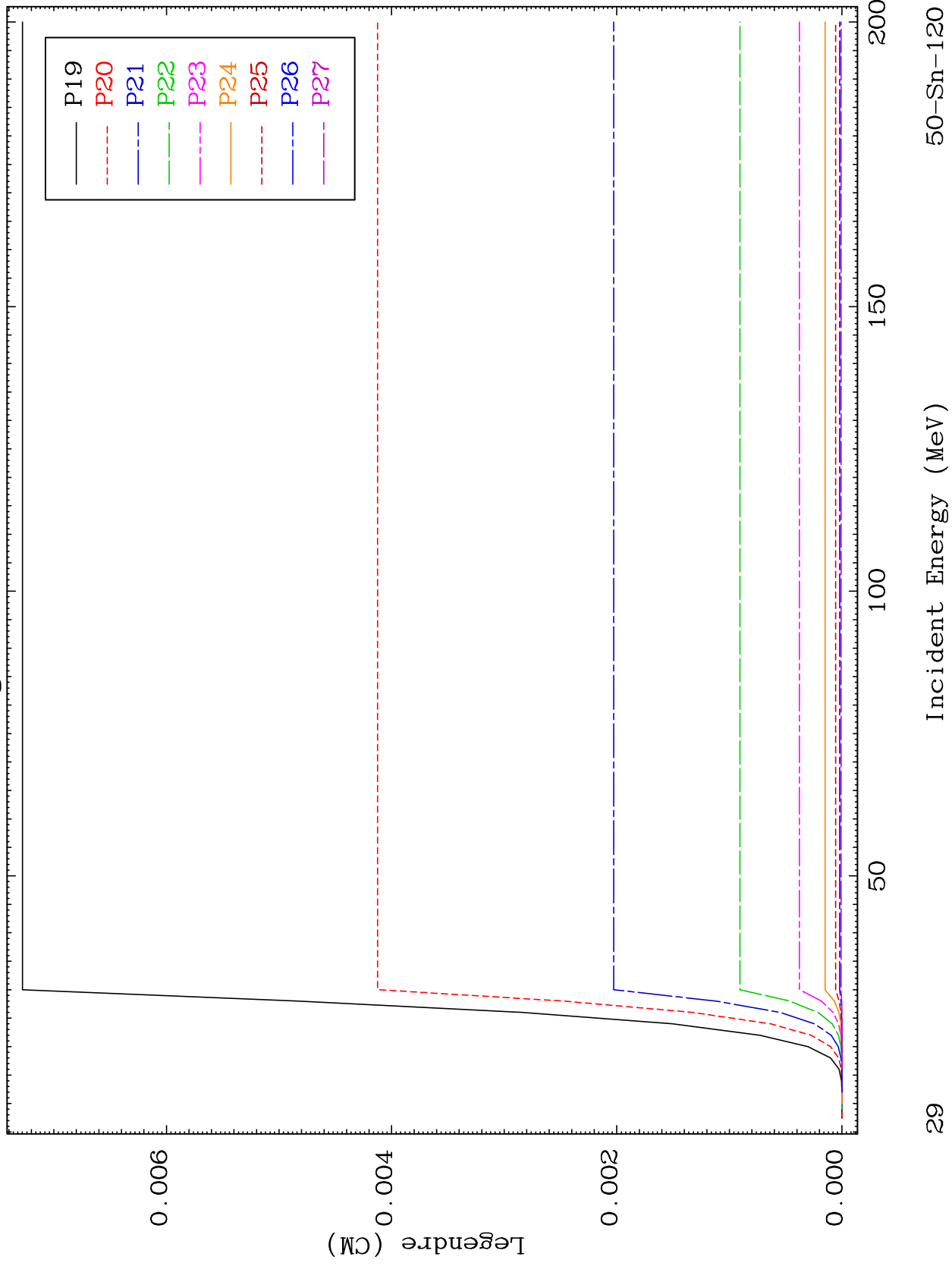




MAT 5049

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

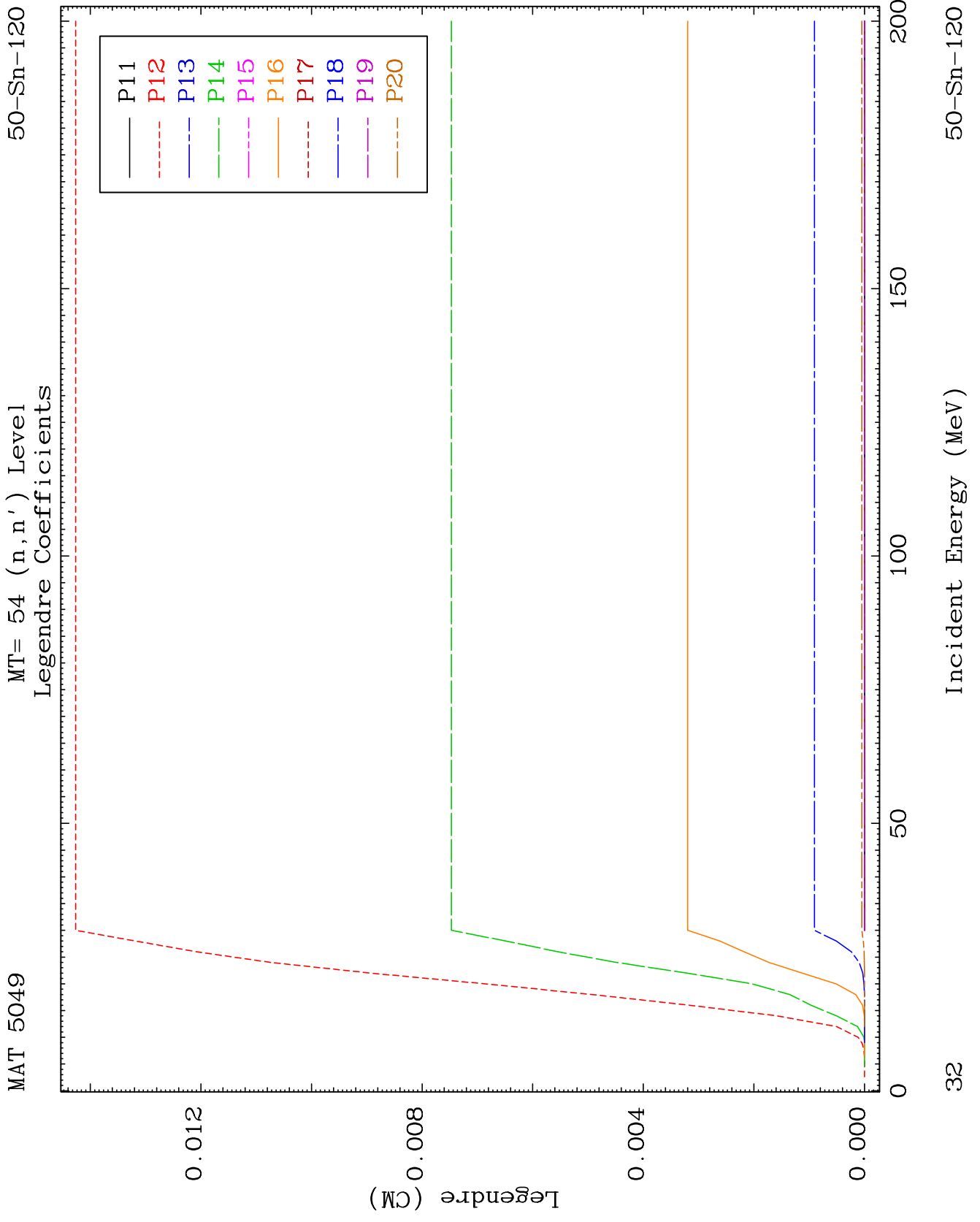
50-Sn-120

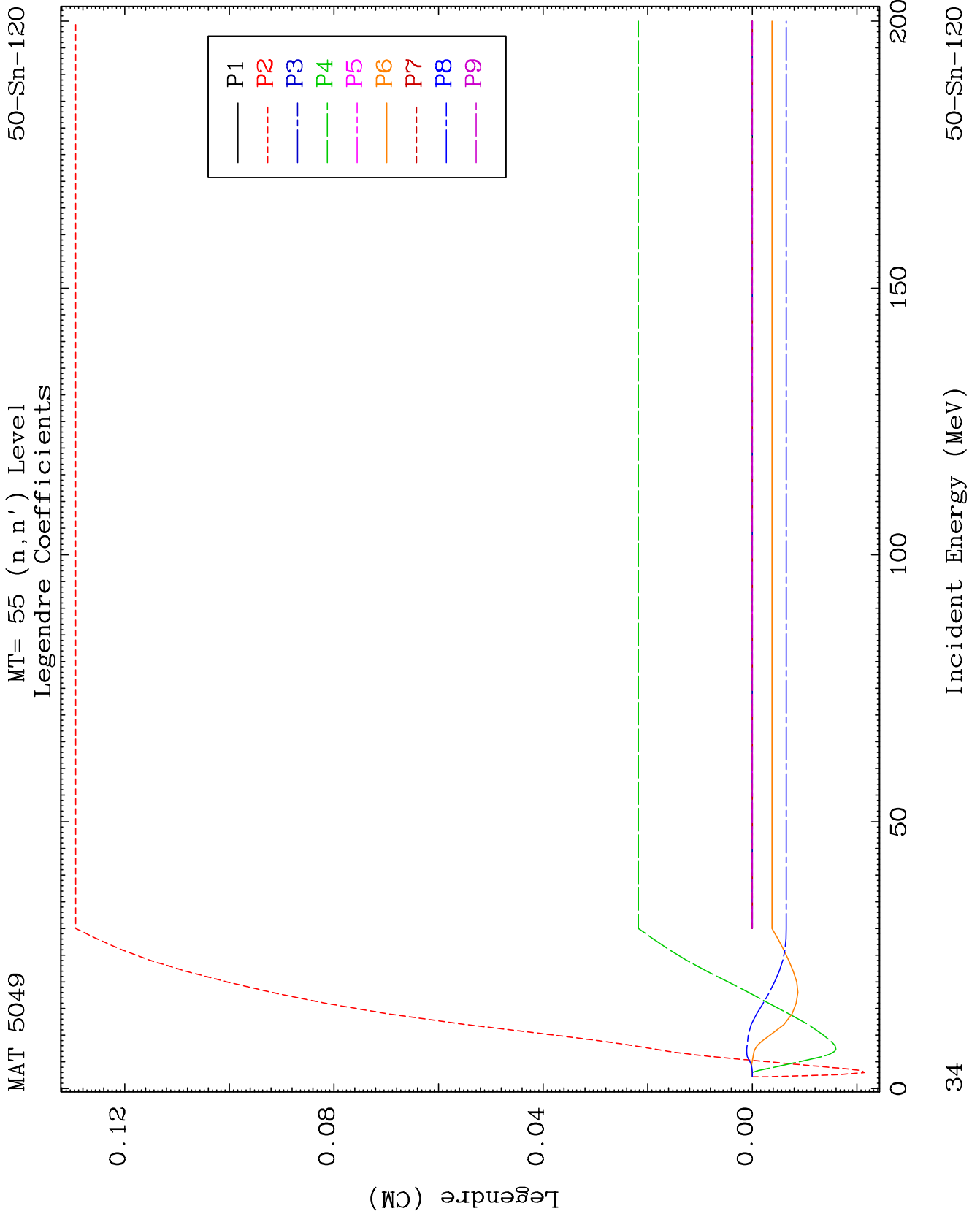


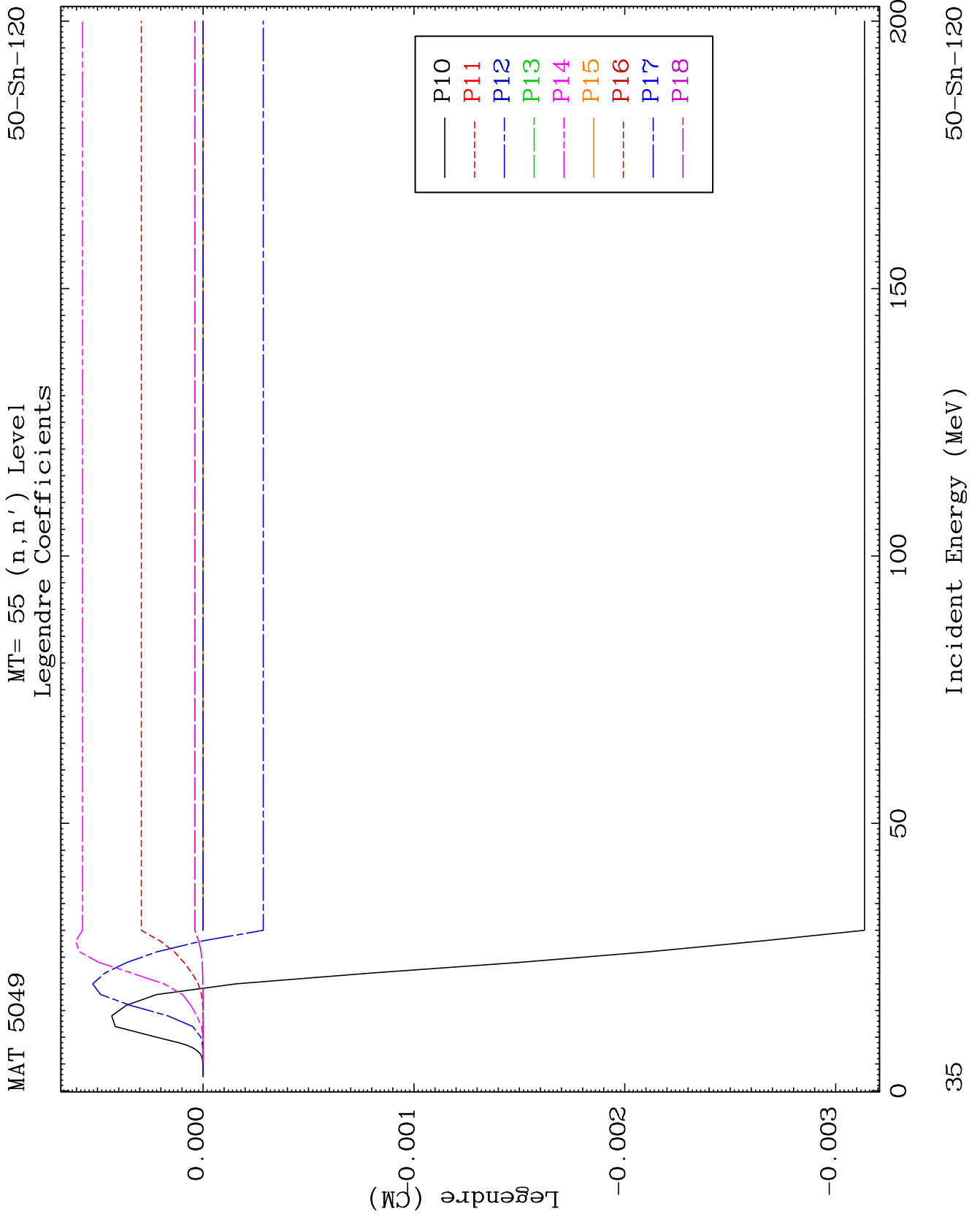
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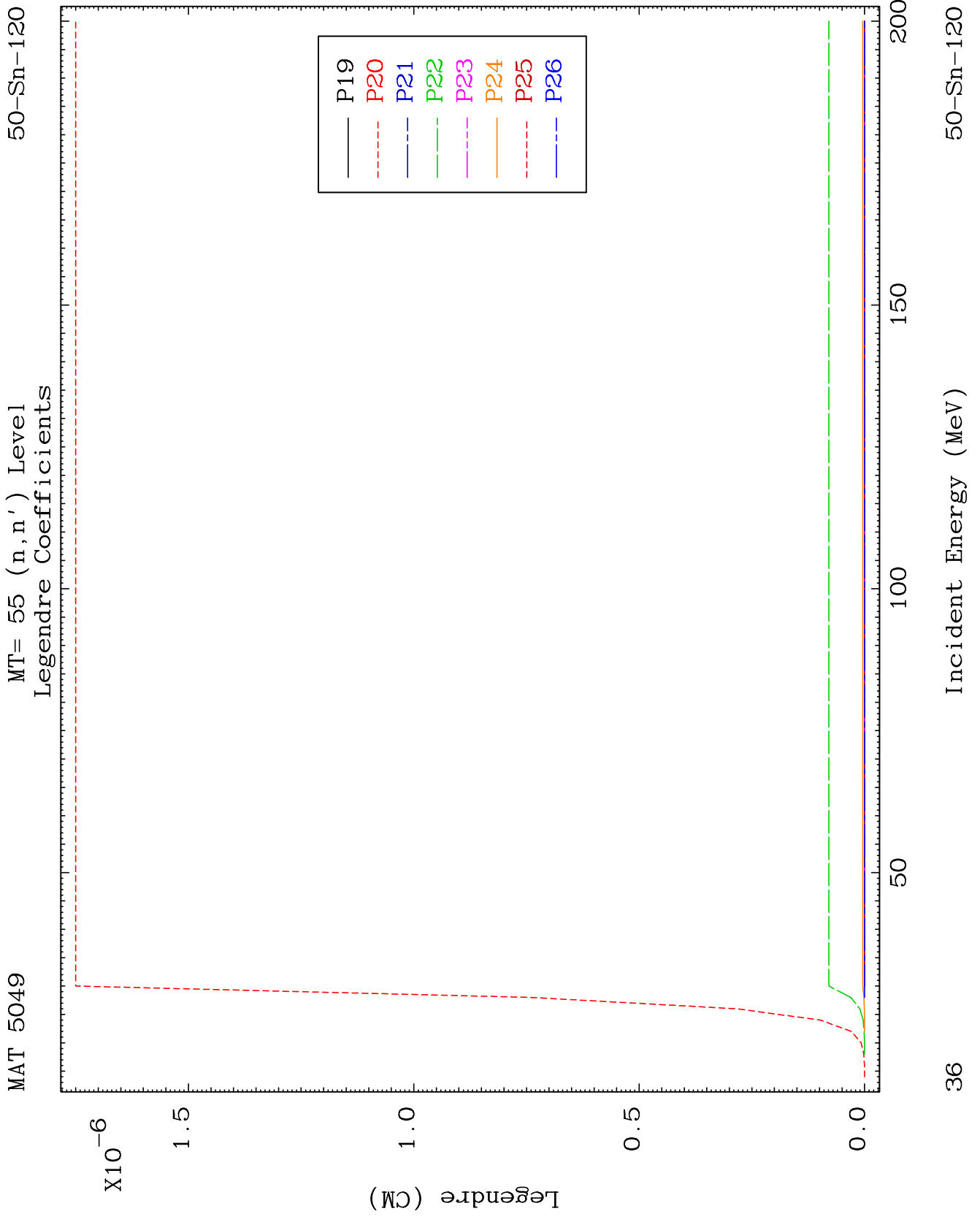
Incident Energy (MeV)

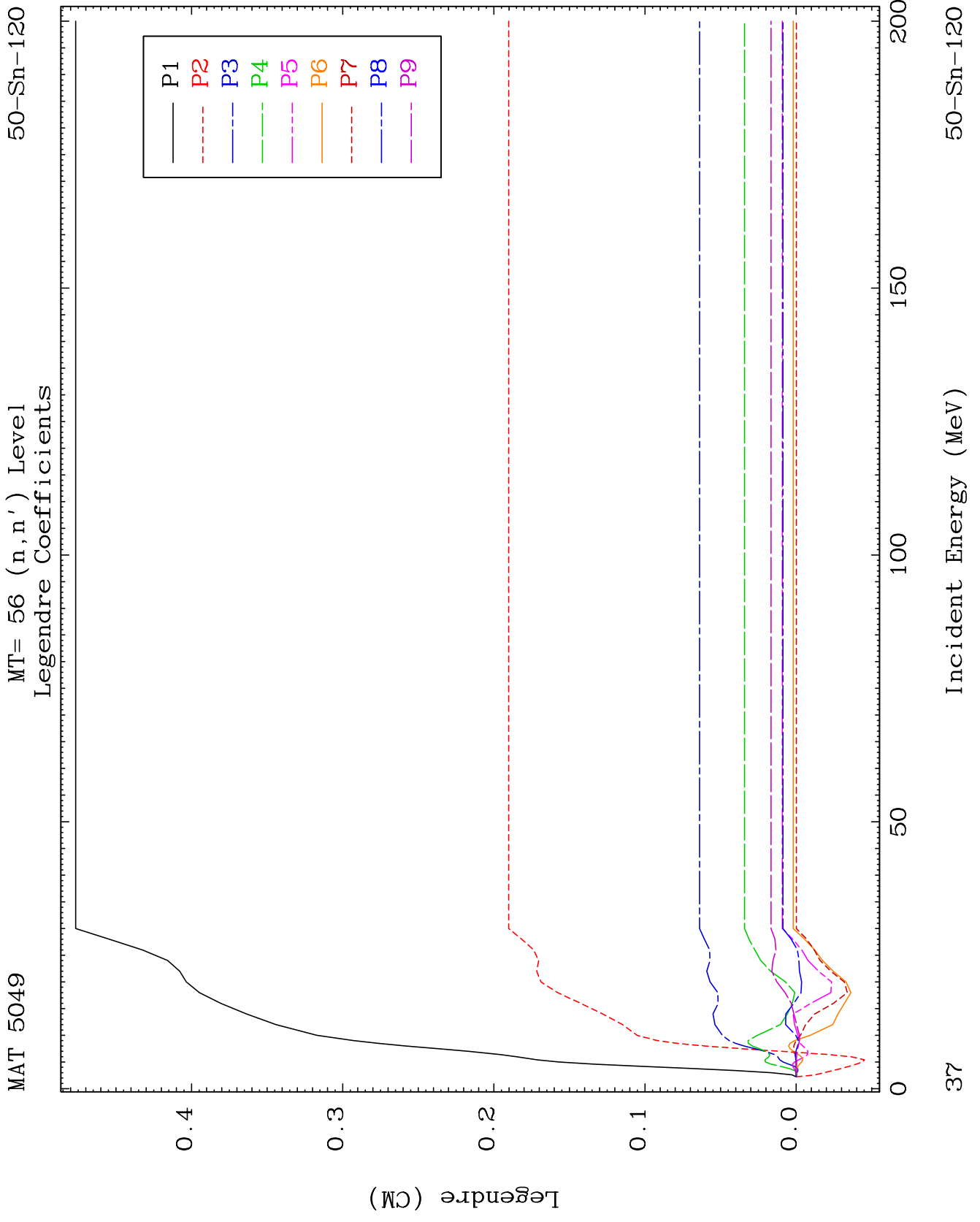
50-Sn-120







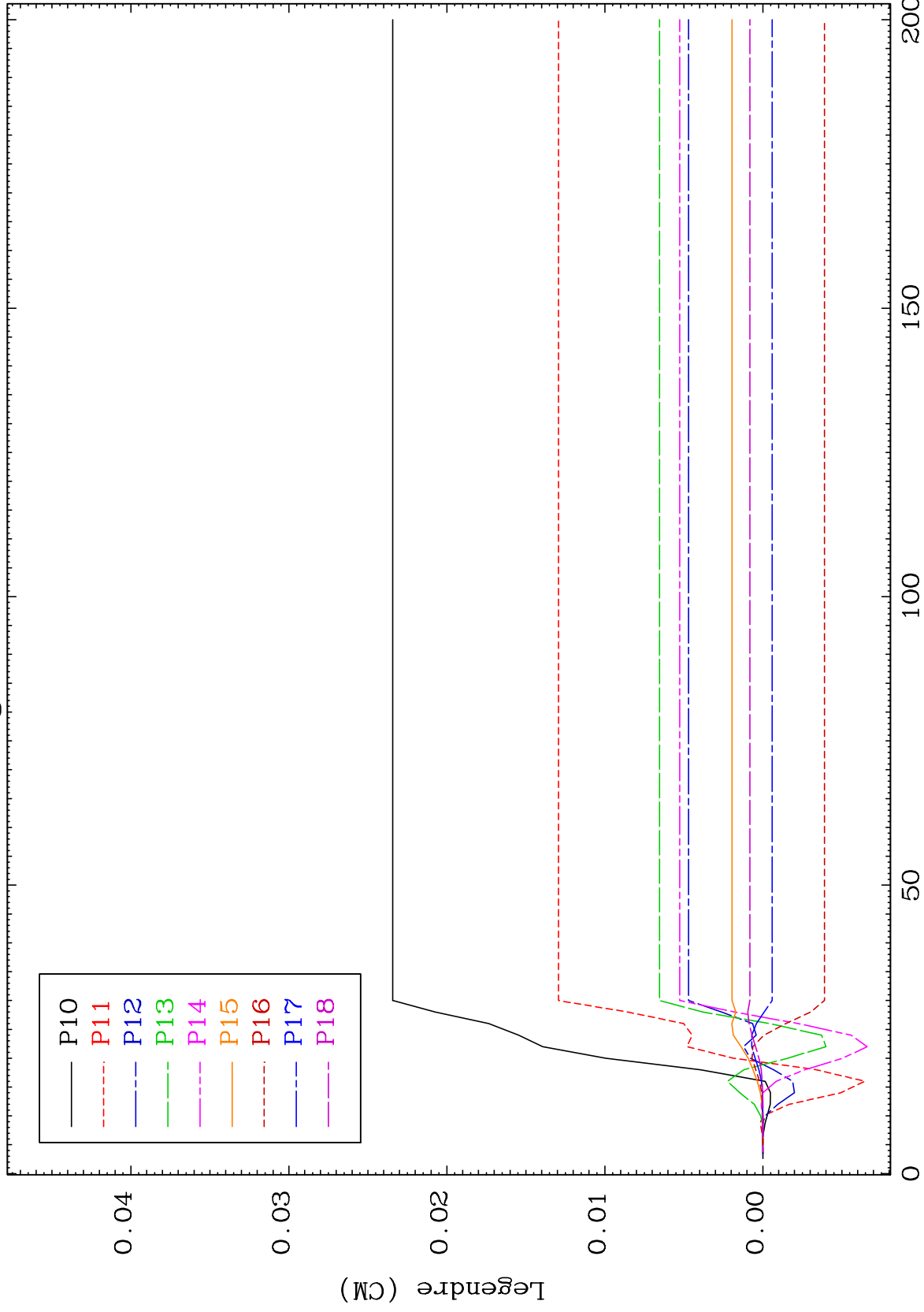




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MT= 56 (n,n') Level
Legendre Coefficients

50-Sn-120



38

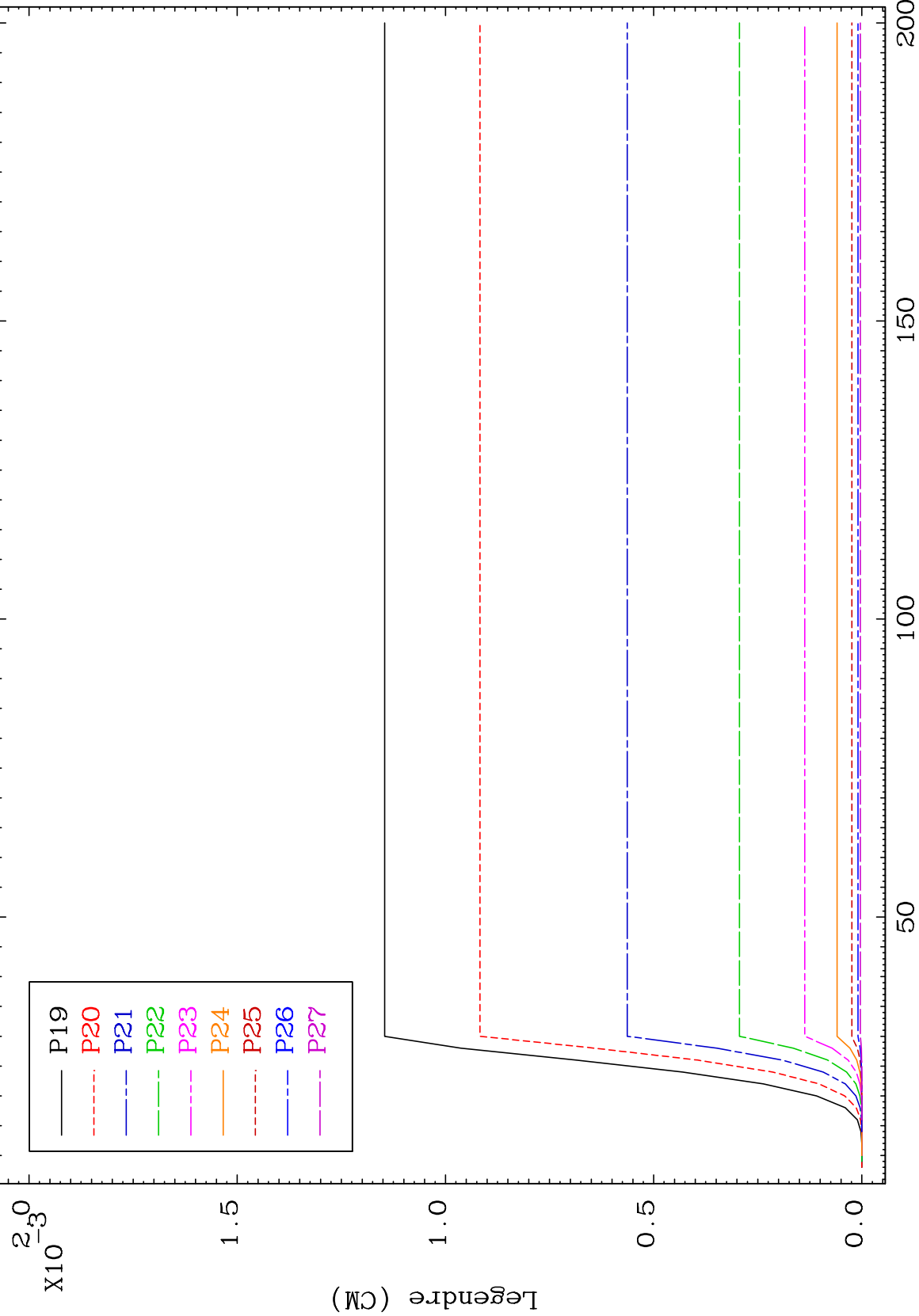
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120



39

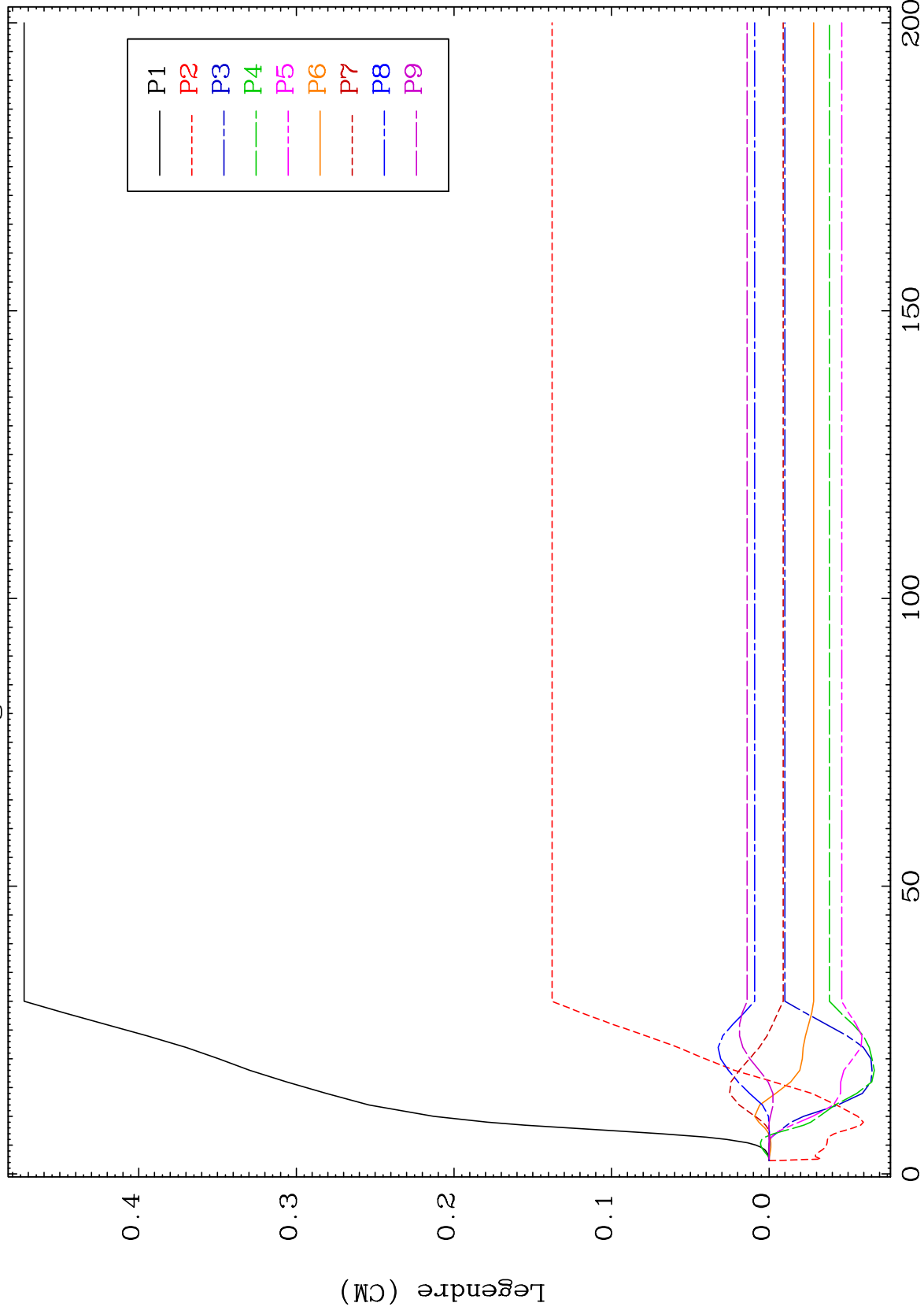
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120



41

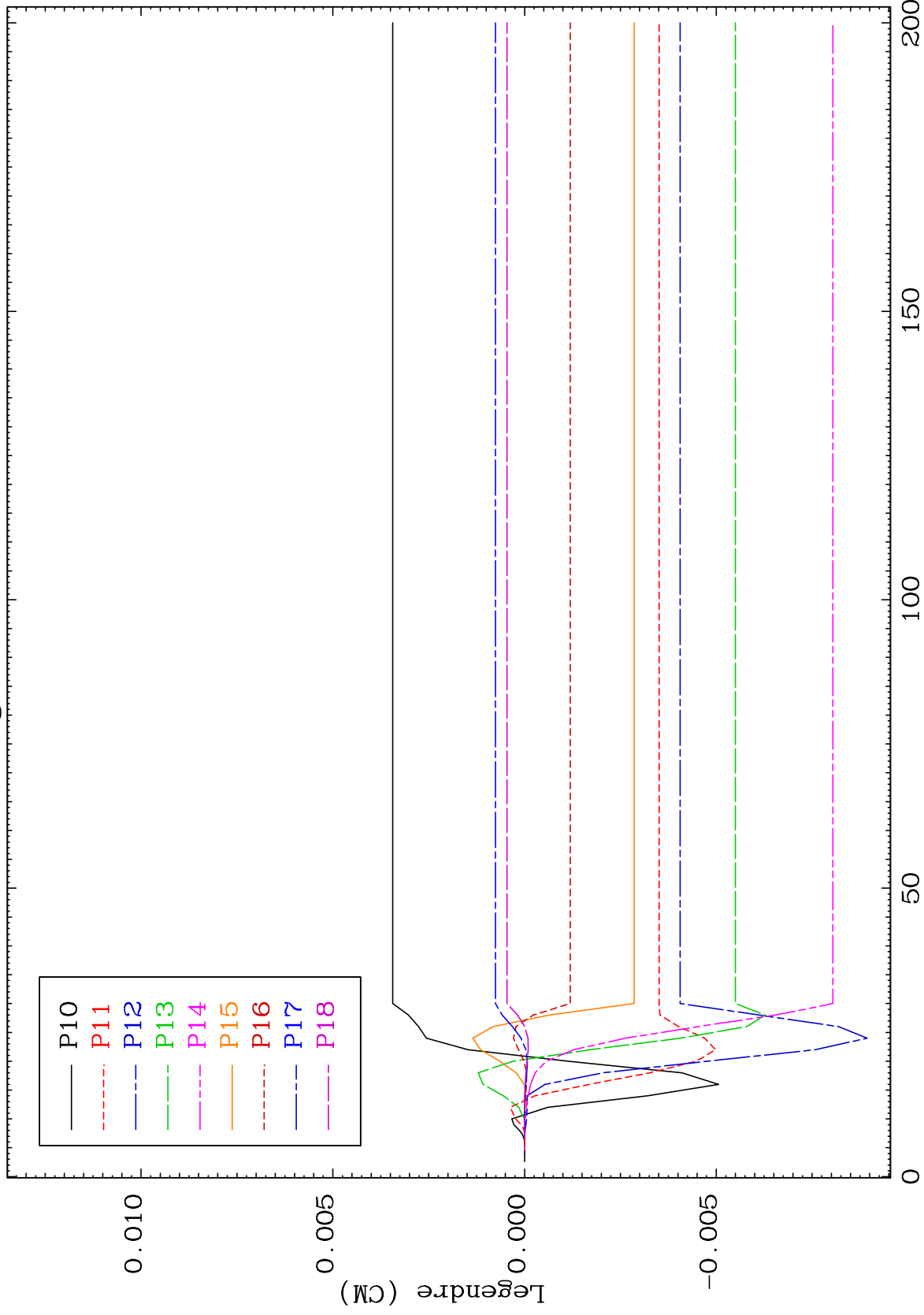
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120



42

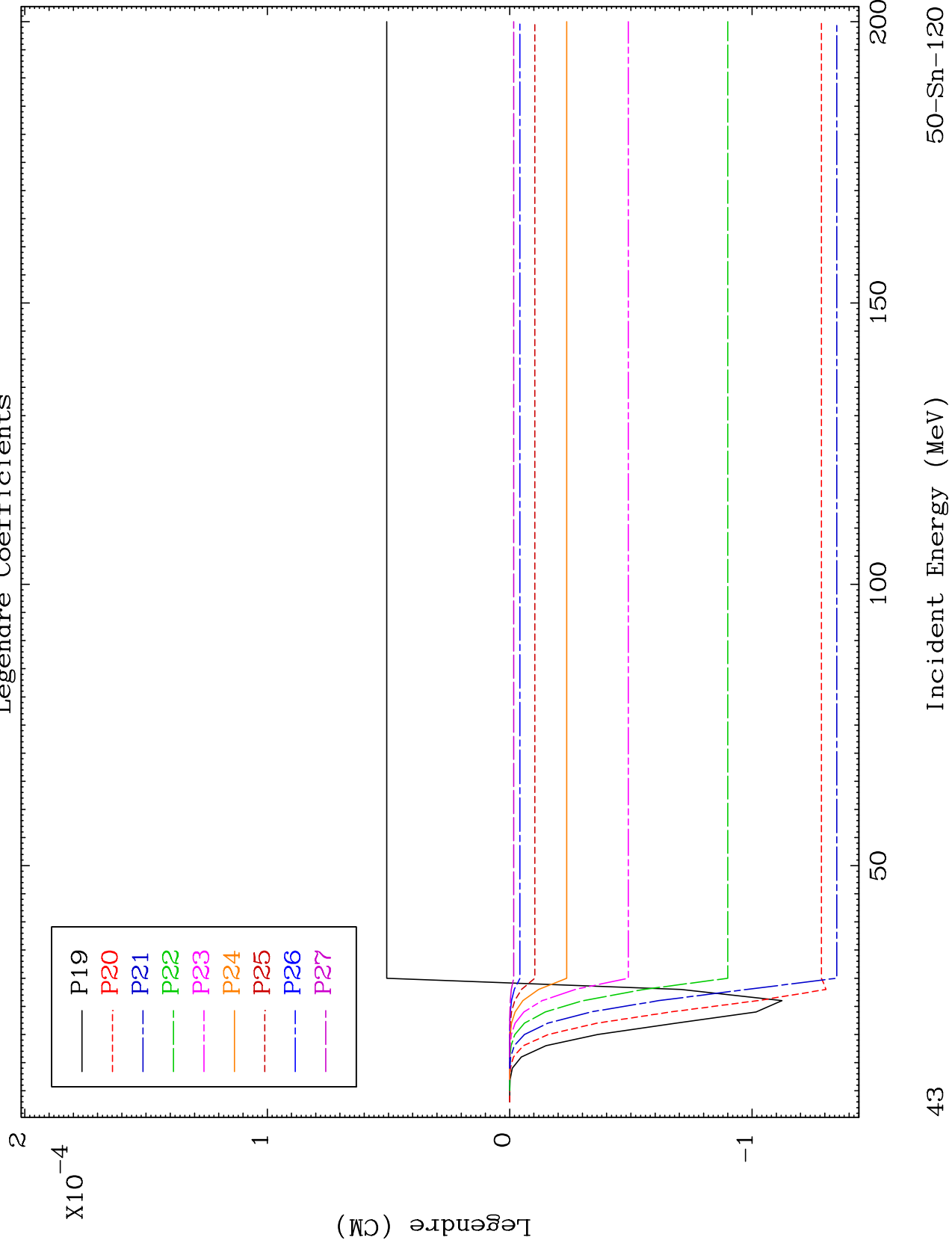
Incident Energy (MeV)

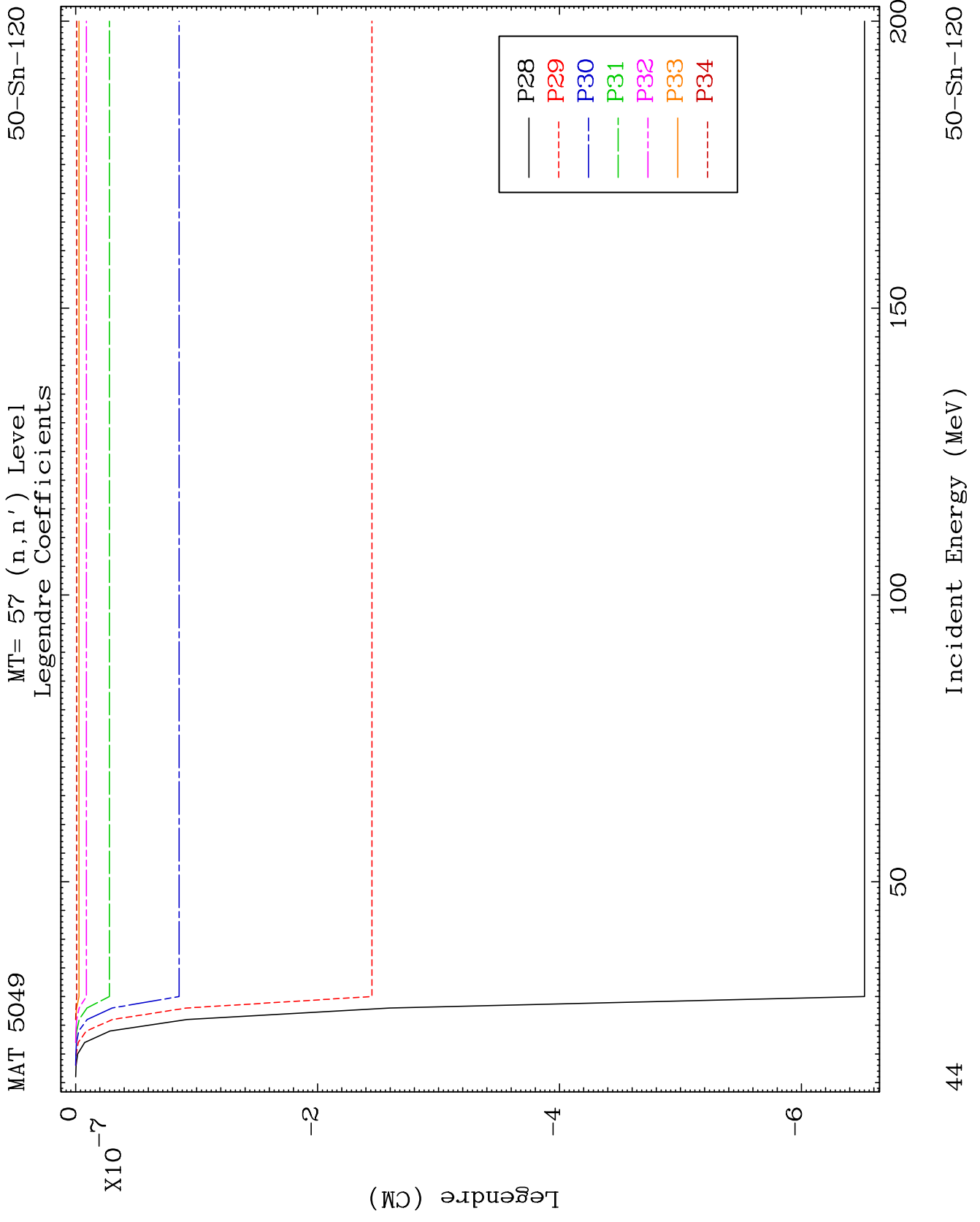
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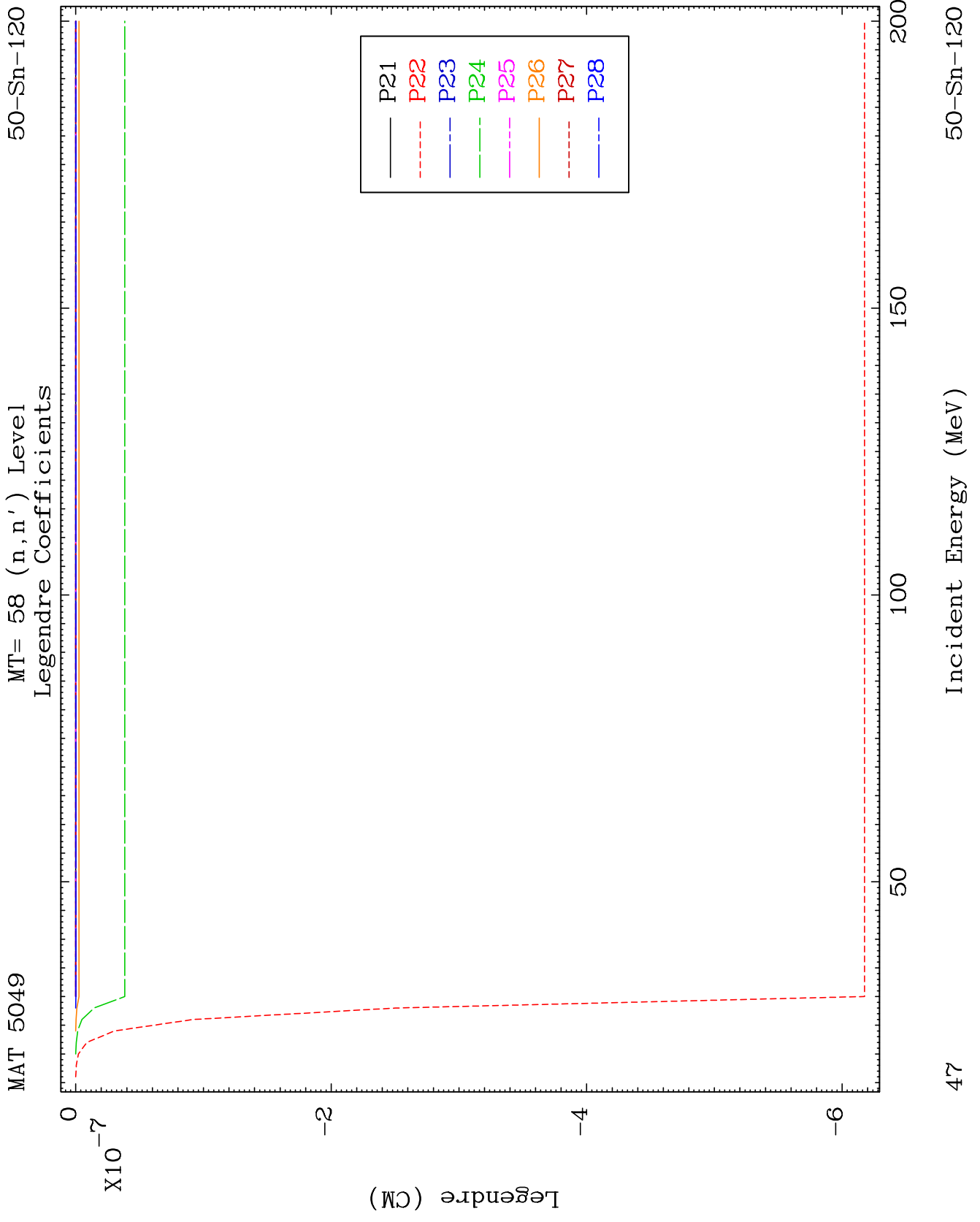
MAT 5049

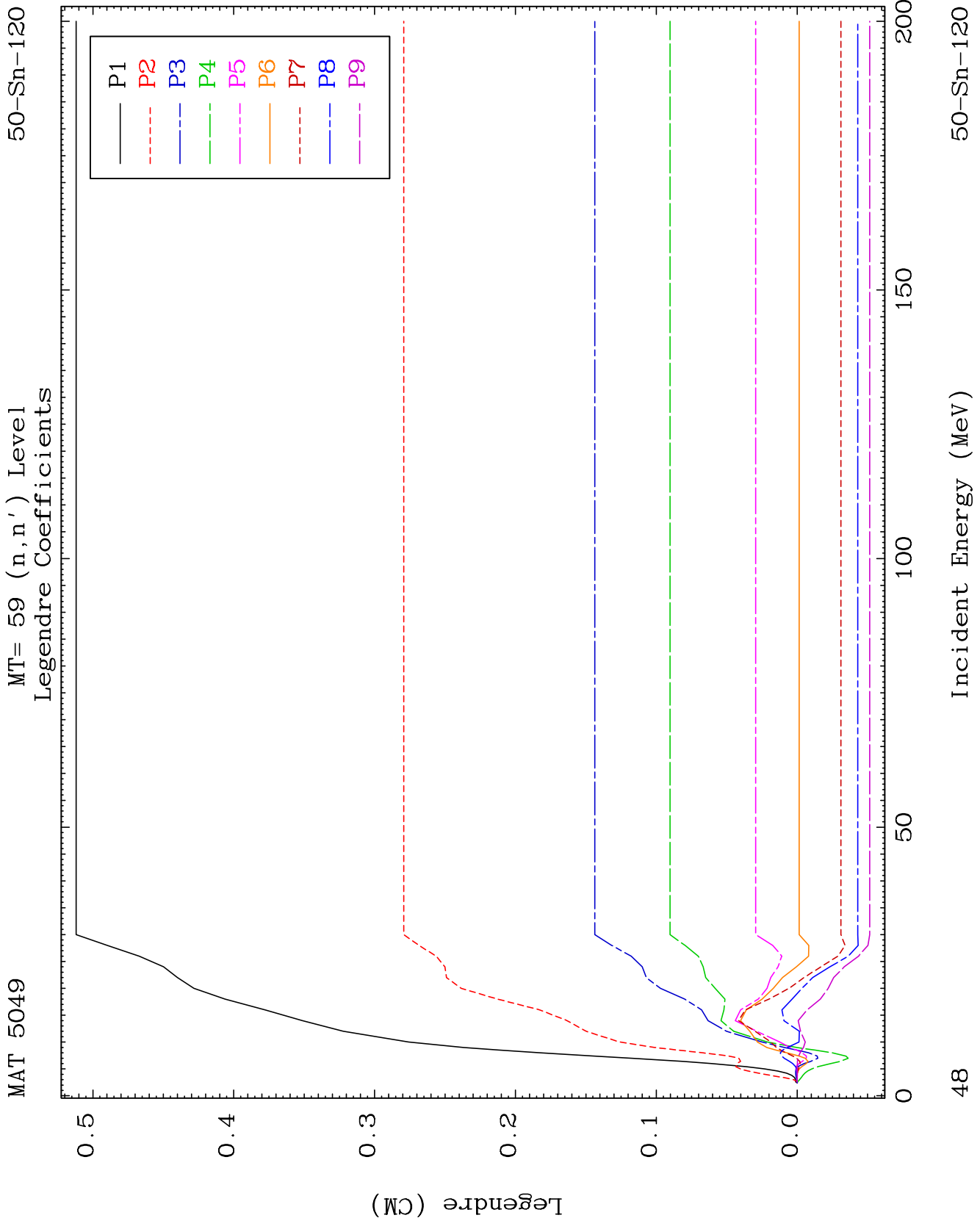
MT= 57 (n,n') Level
Legendre Coefficients

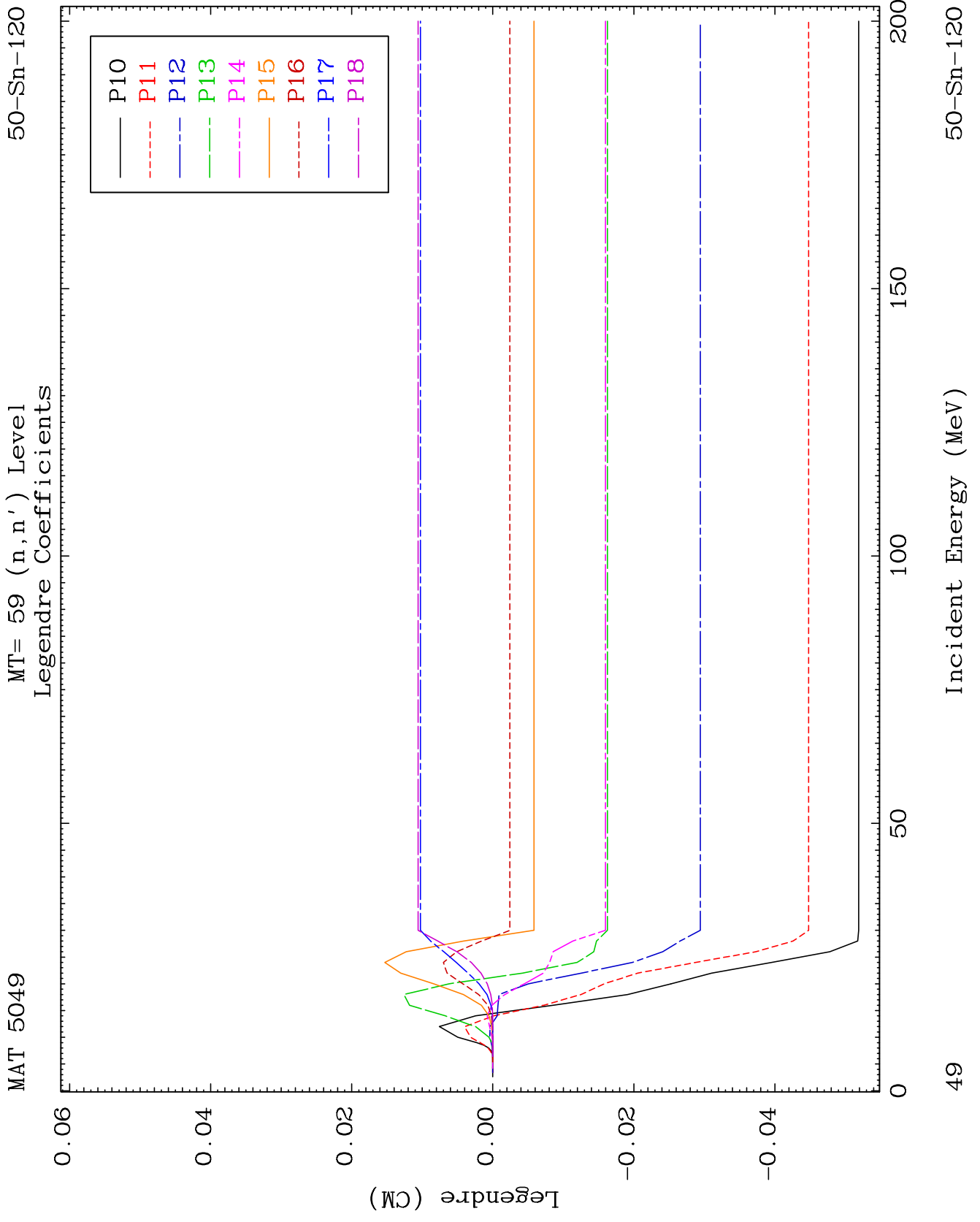
50-Sn-120

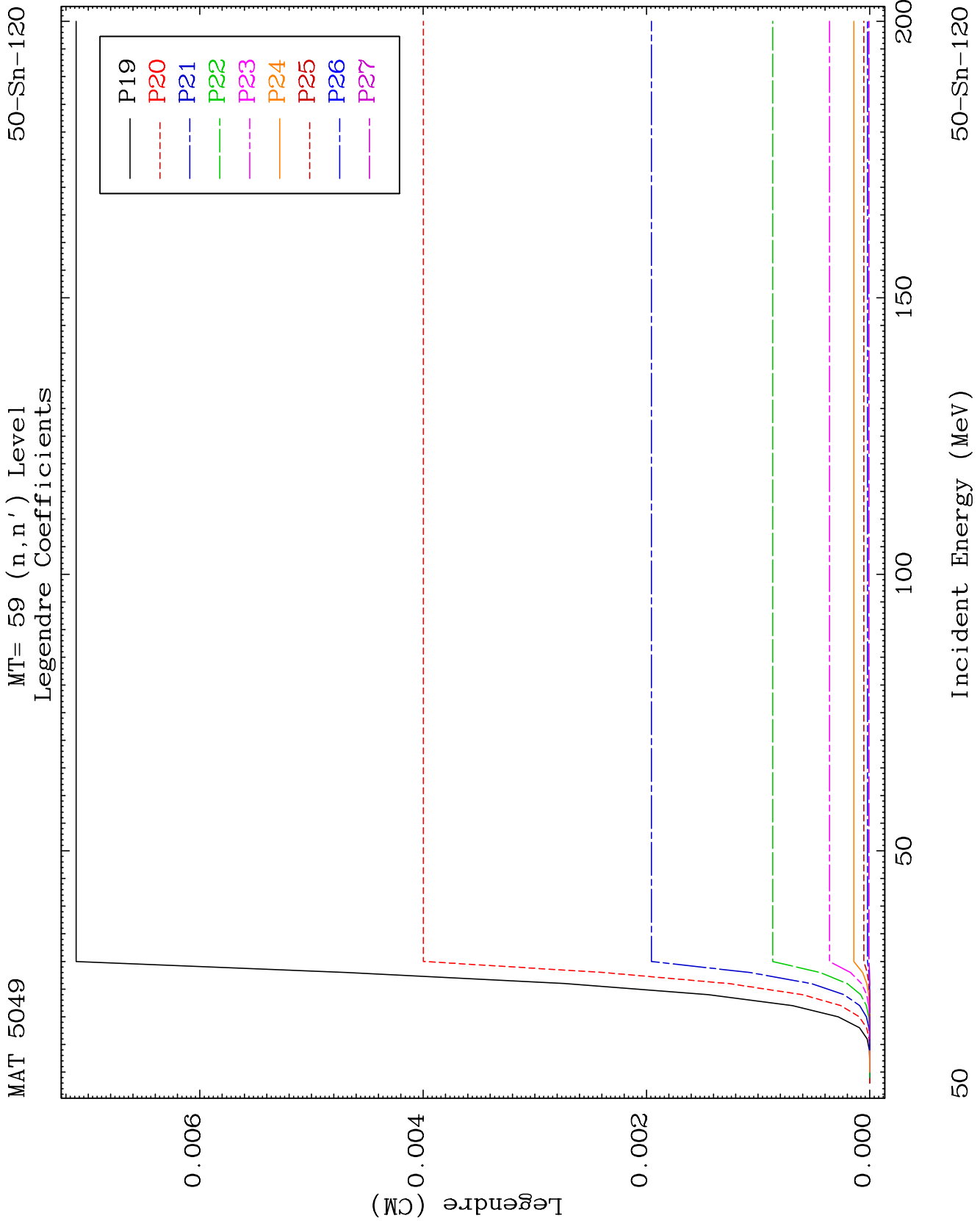


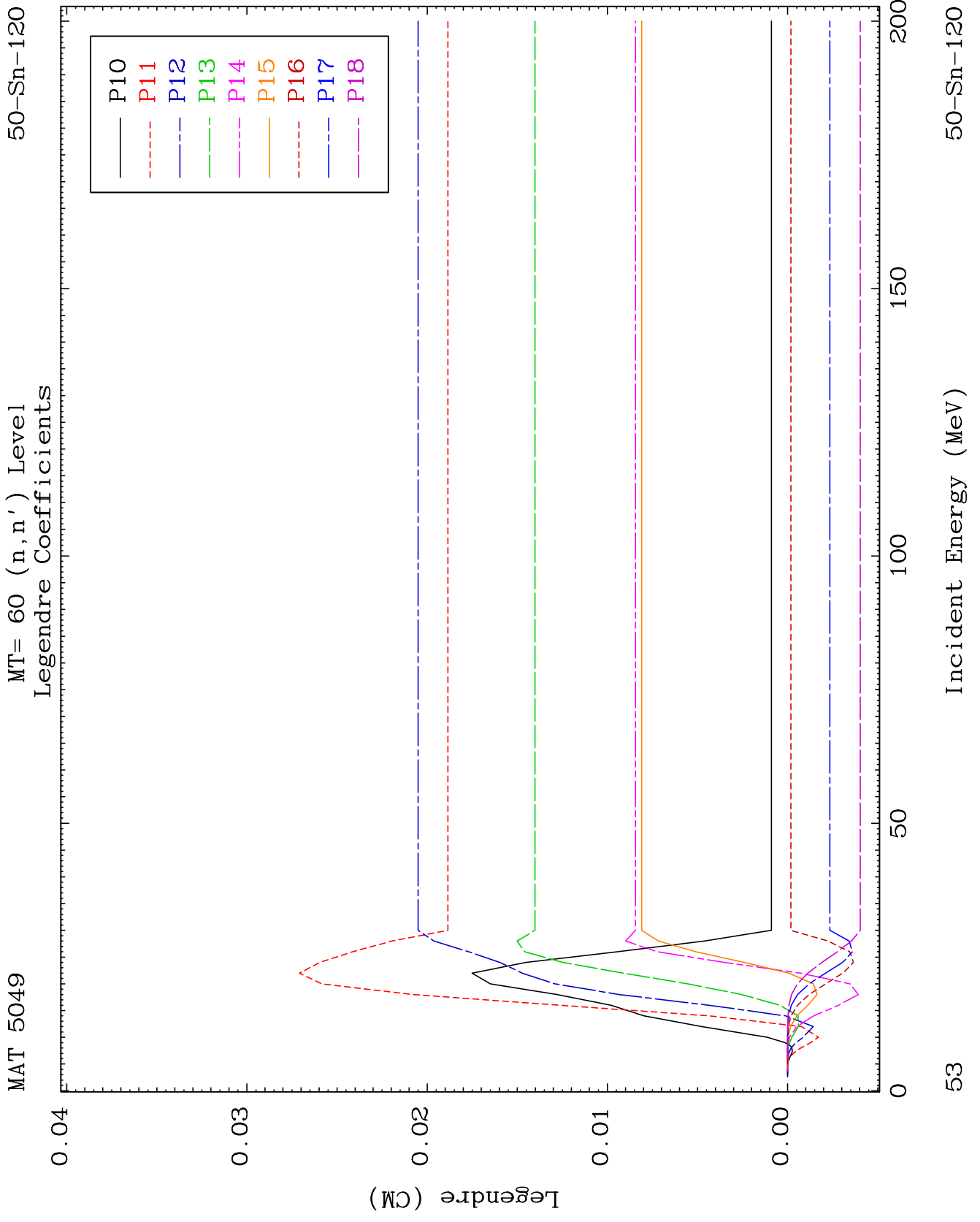








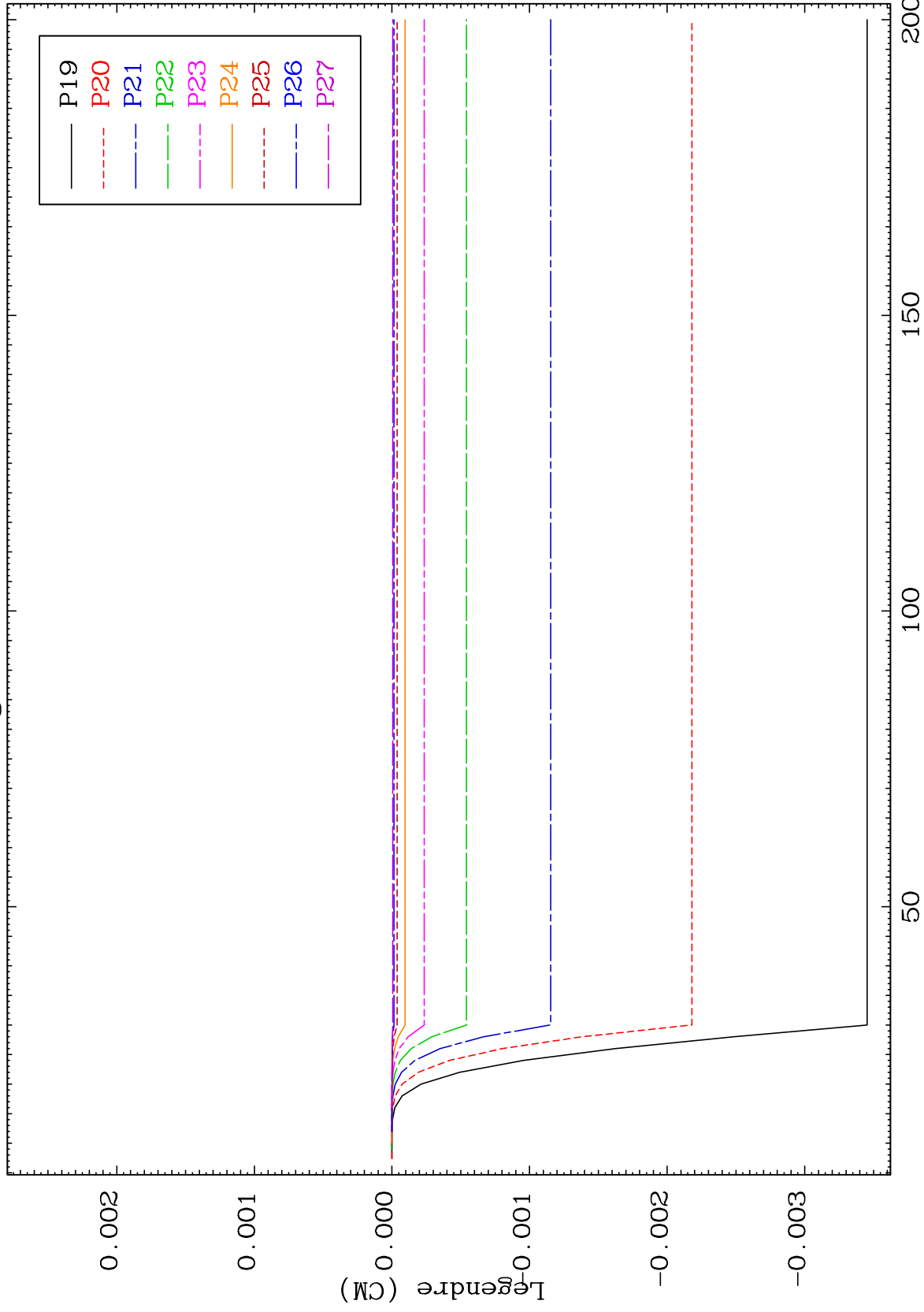




MAT 5049

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

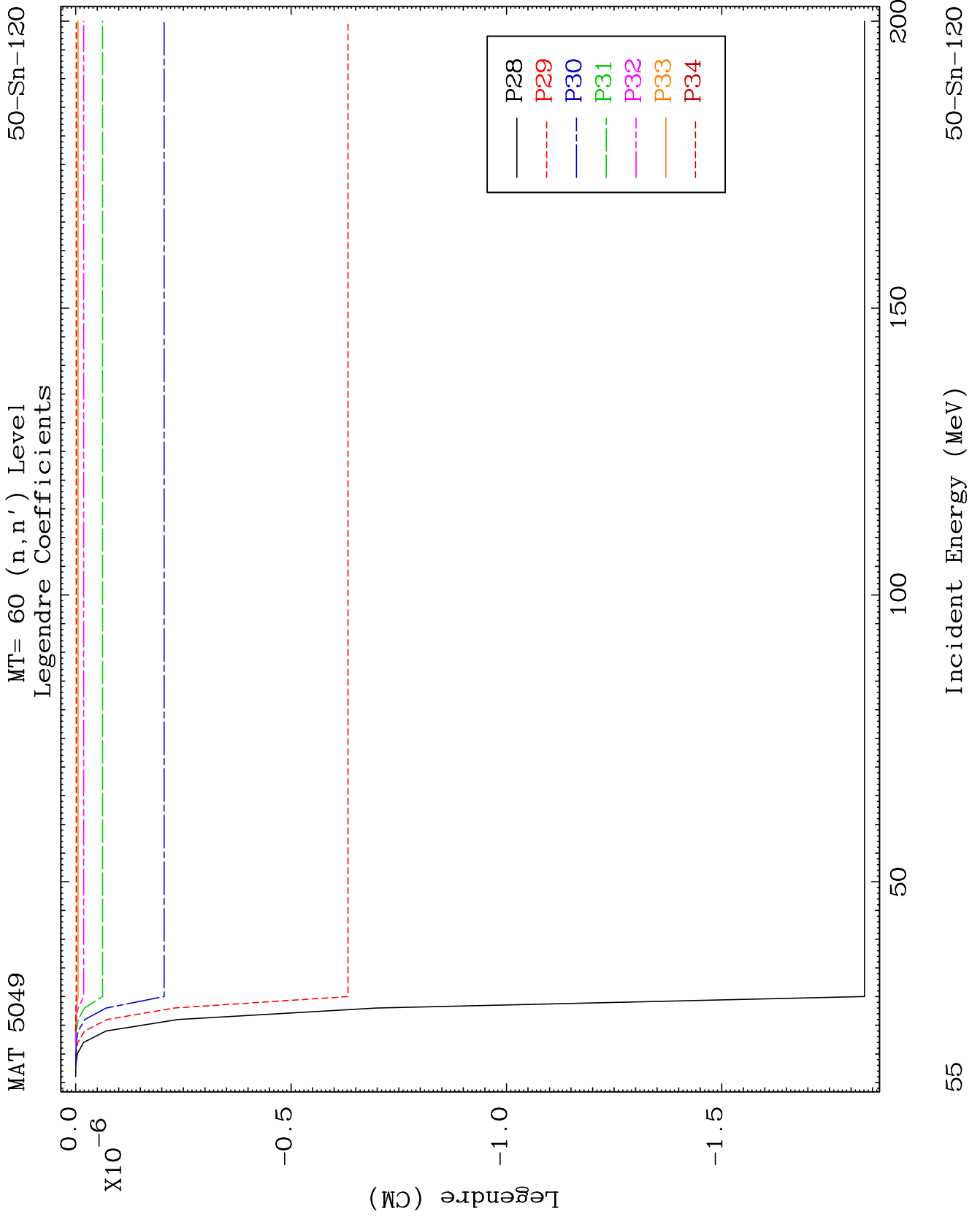
50-Sn-120

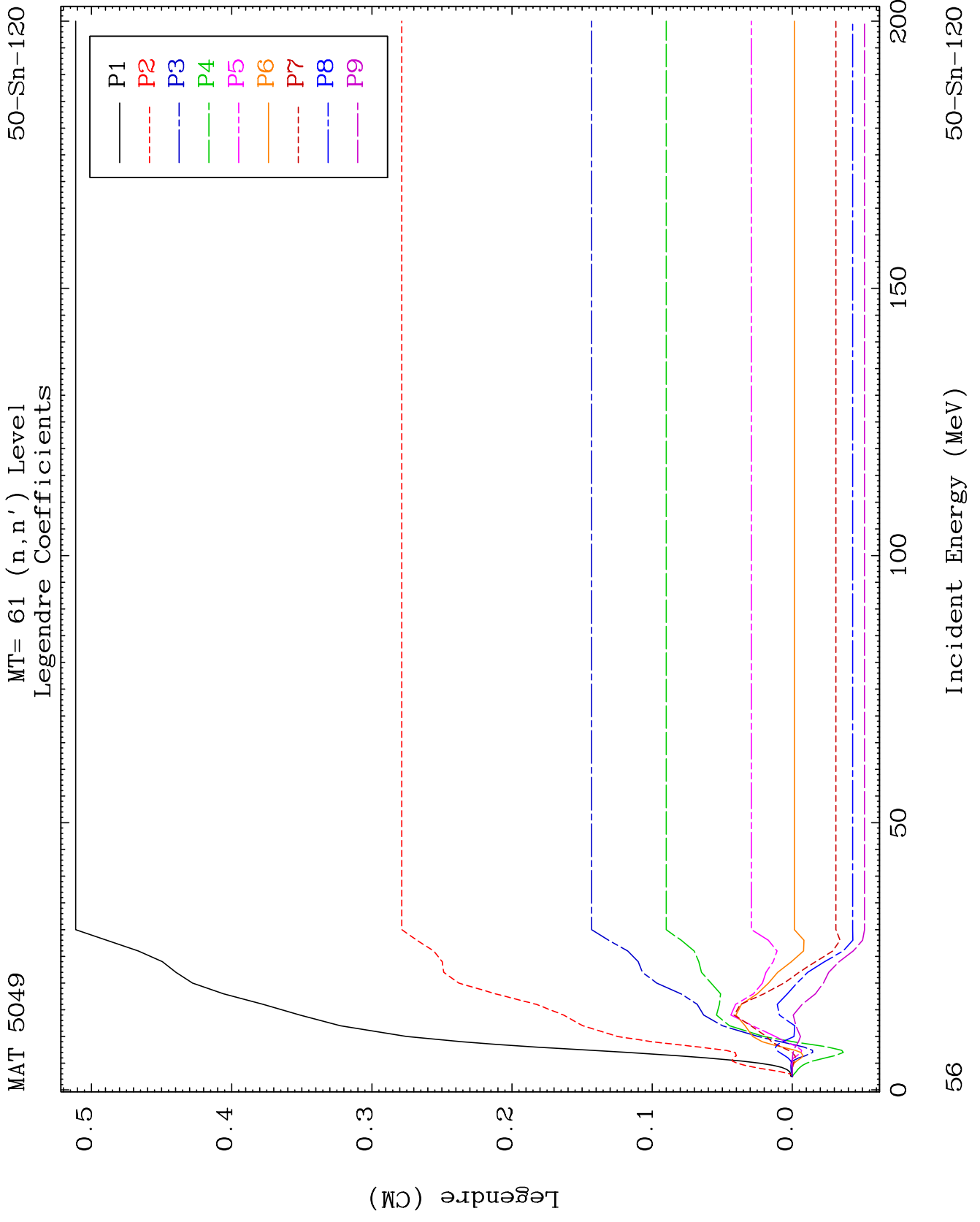


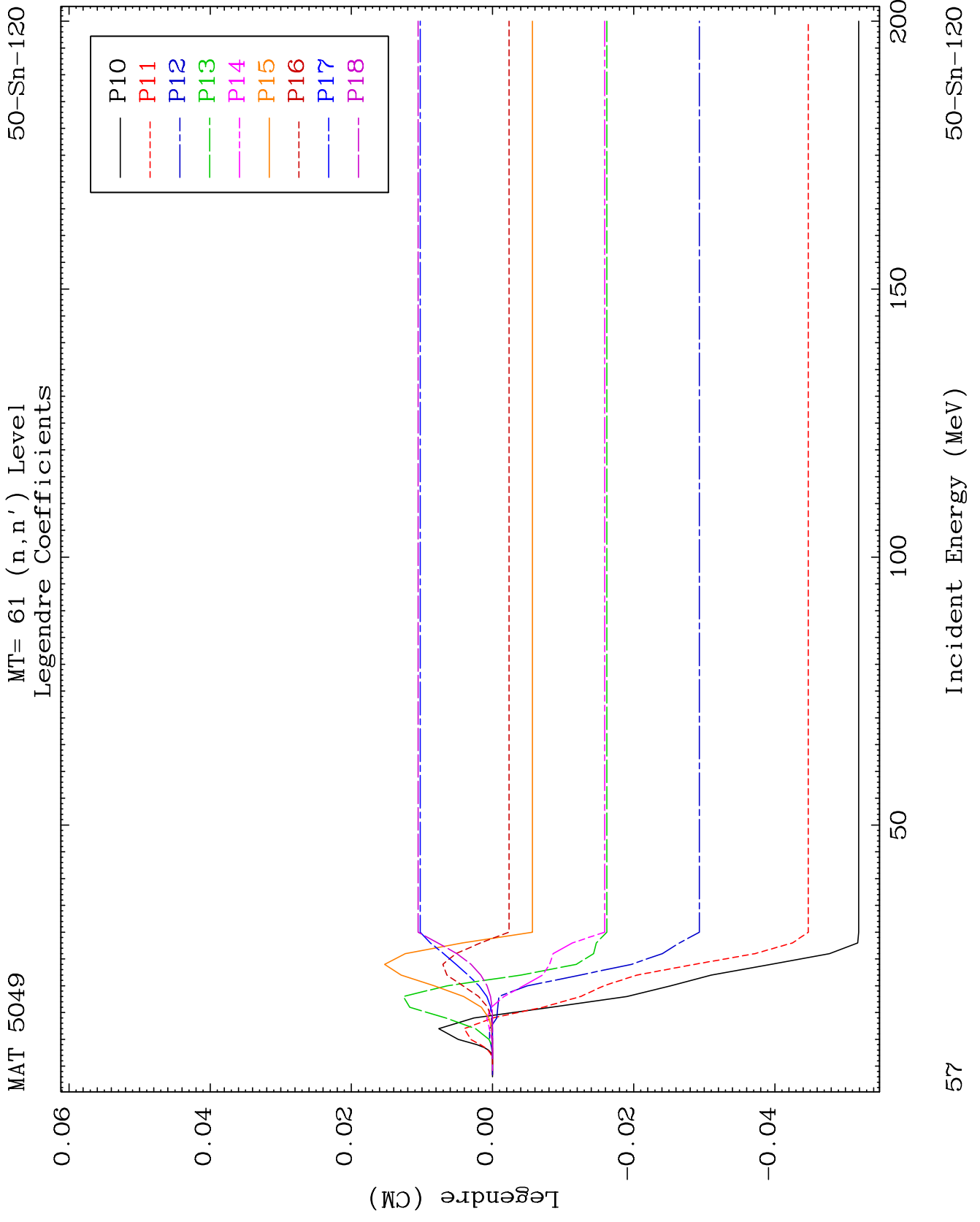
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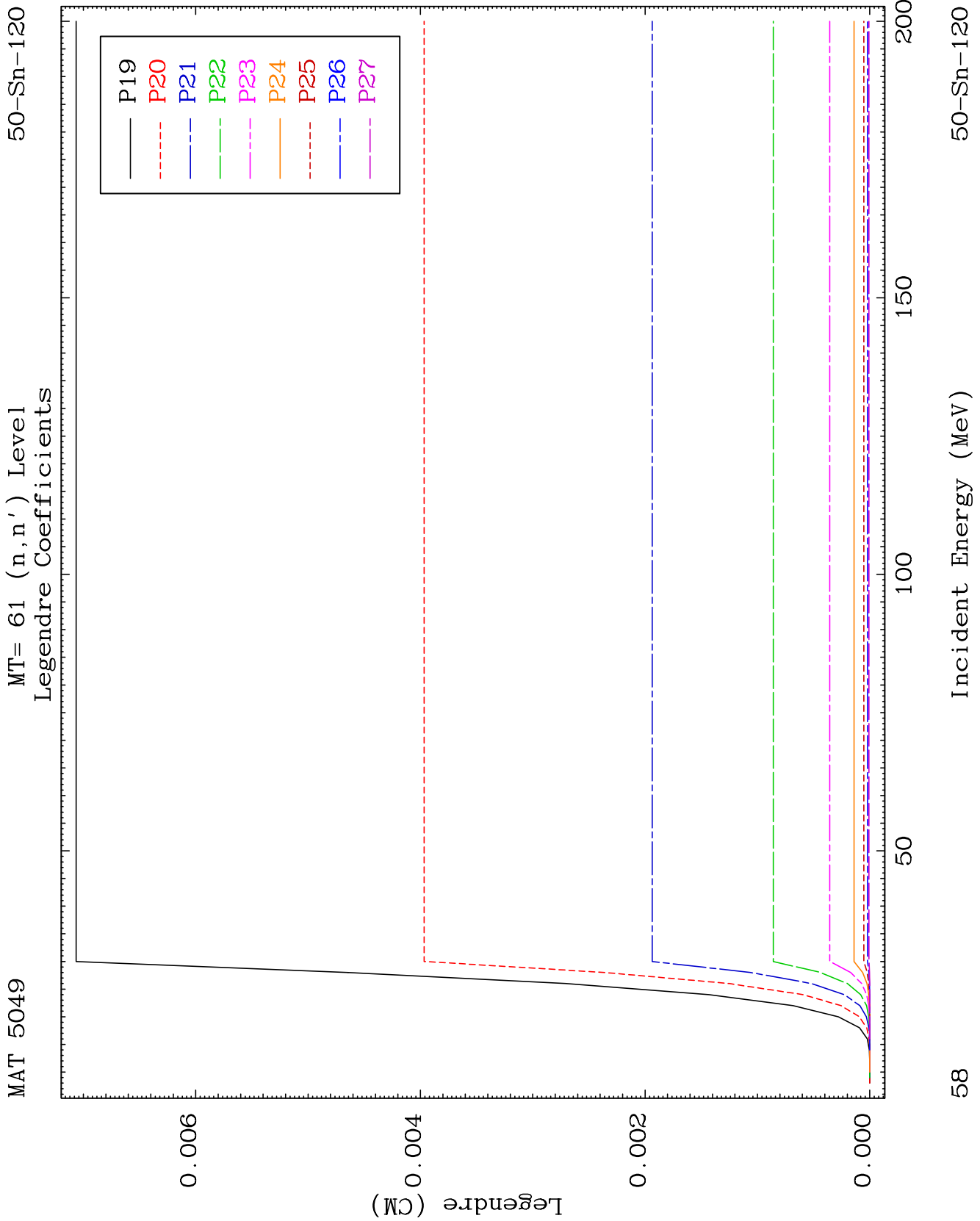
Incident Energy (MeV)

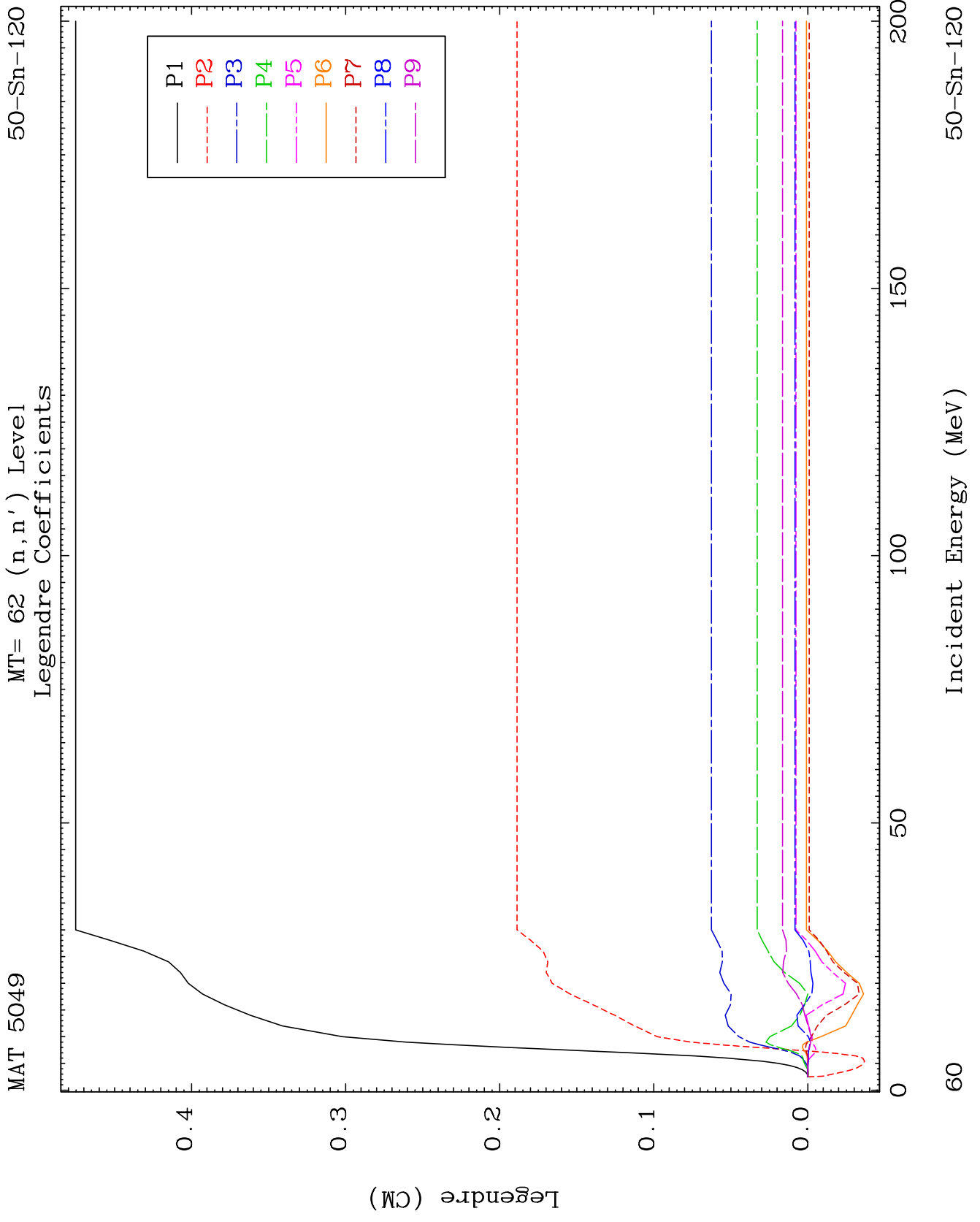
50-Sn-120







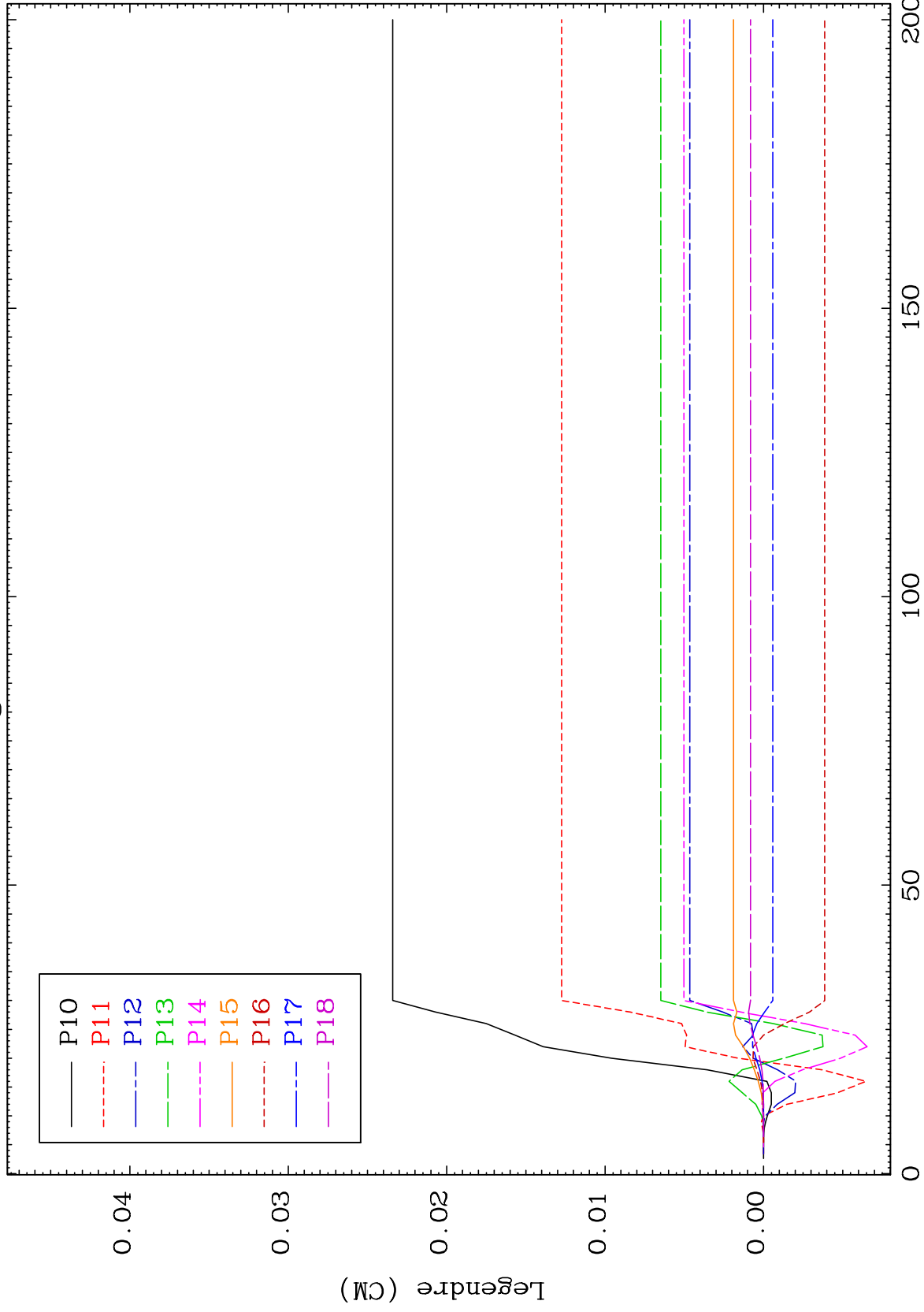




MAT 5049

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

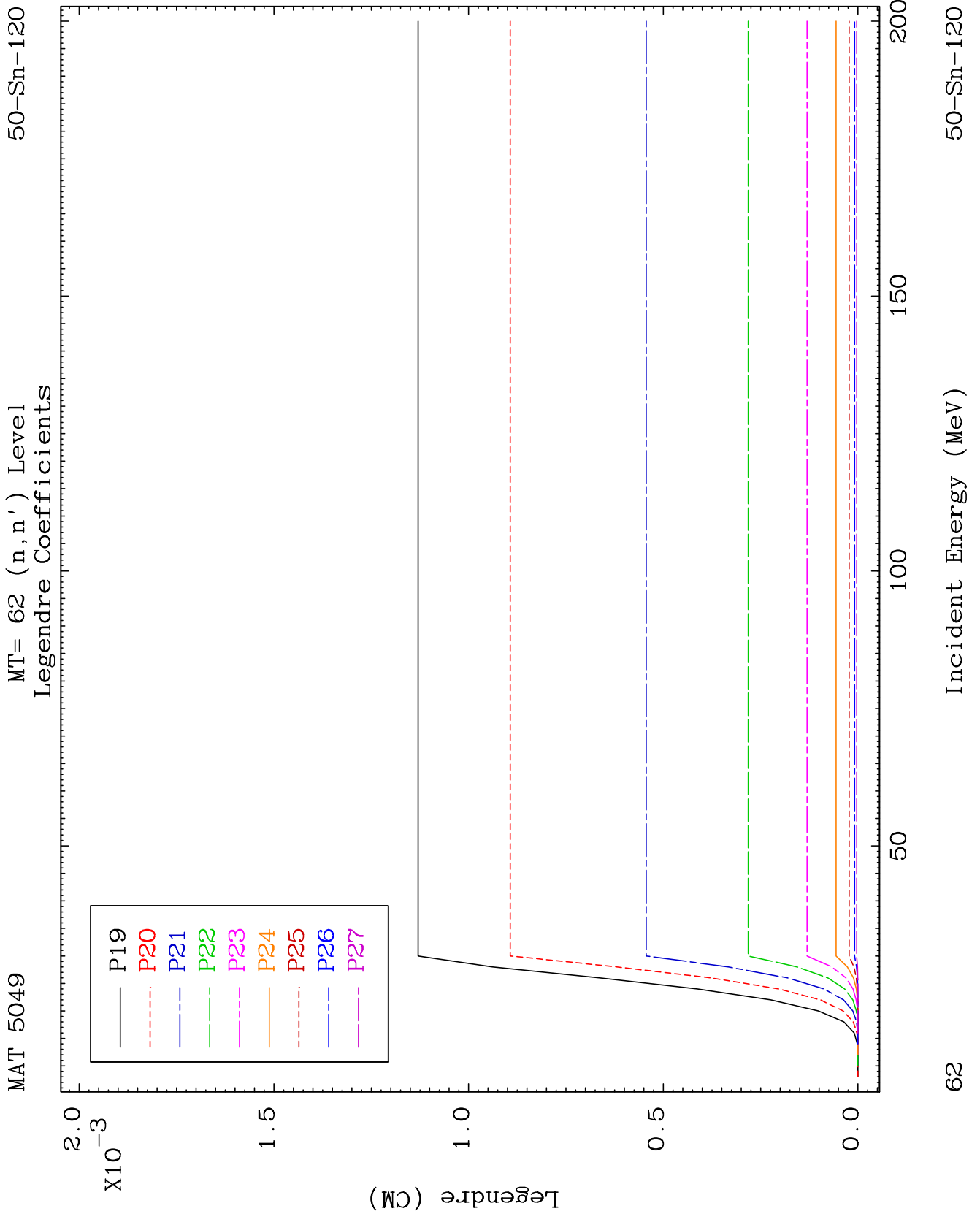
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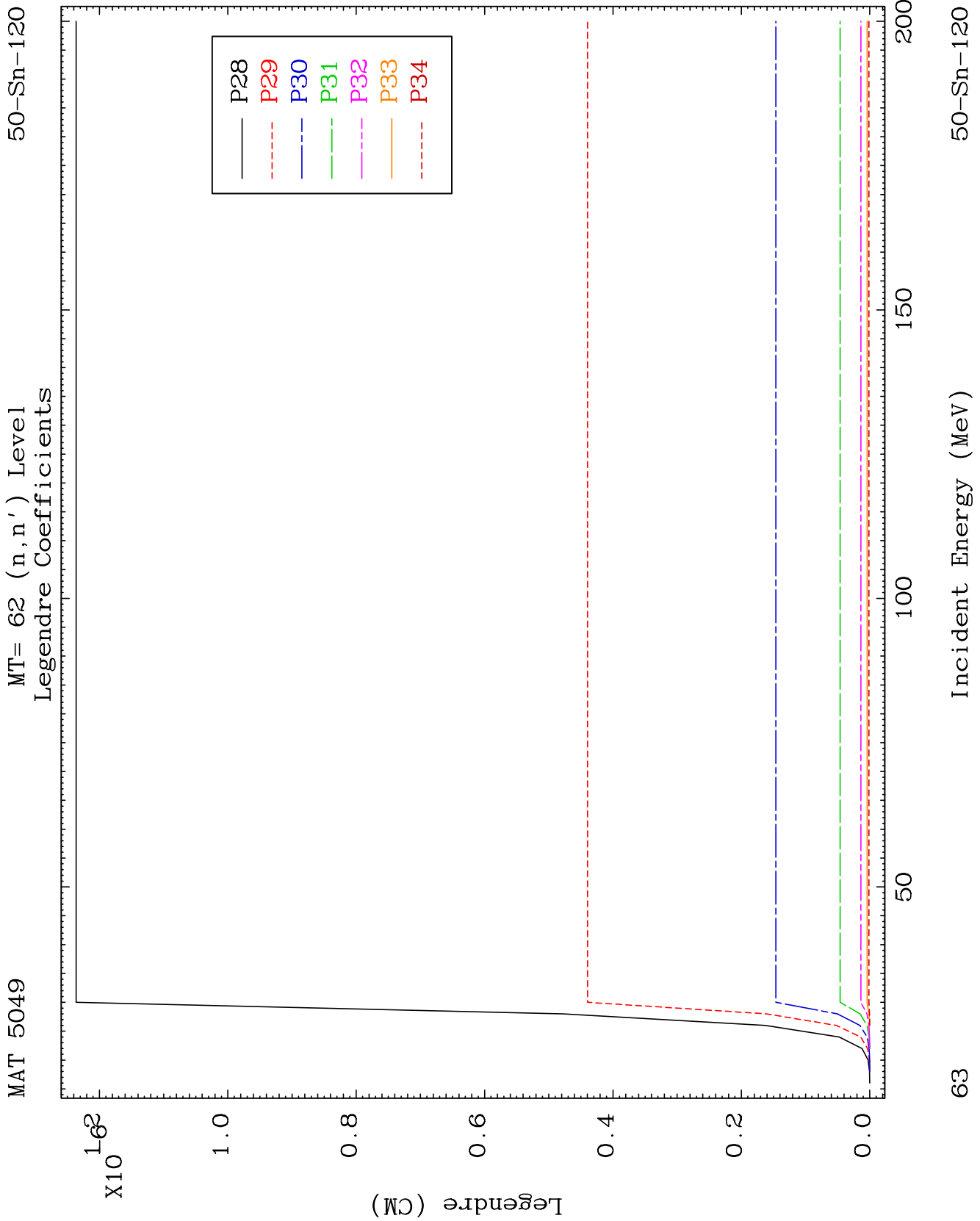


61

Incident Energy (MeV)

50-Sn-120

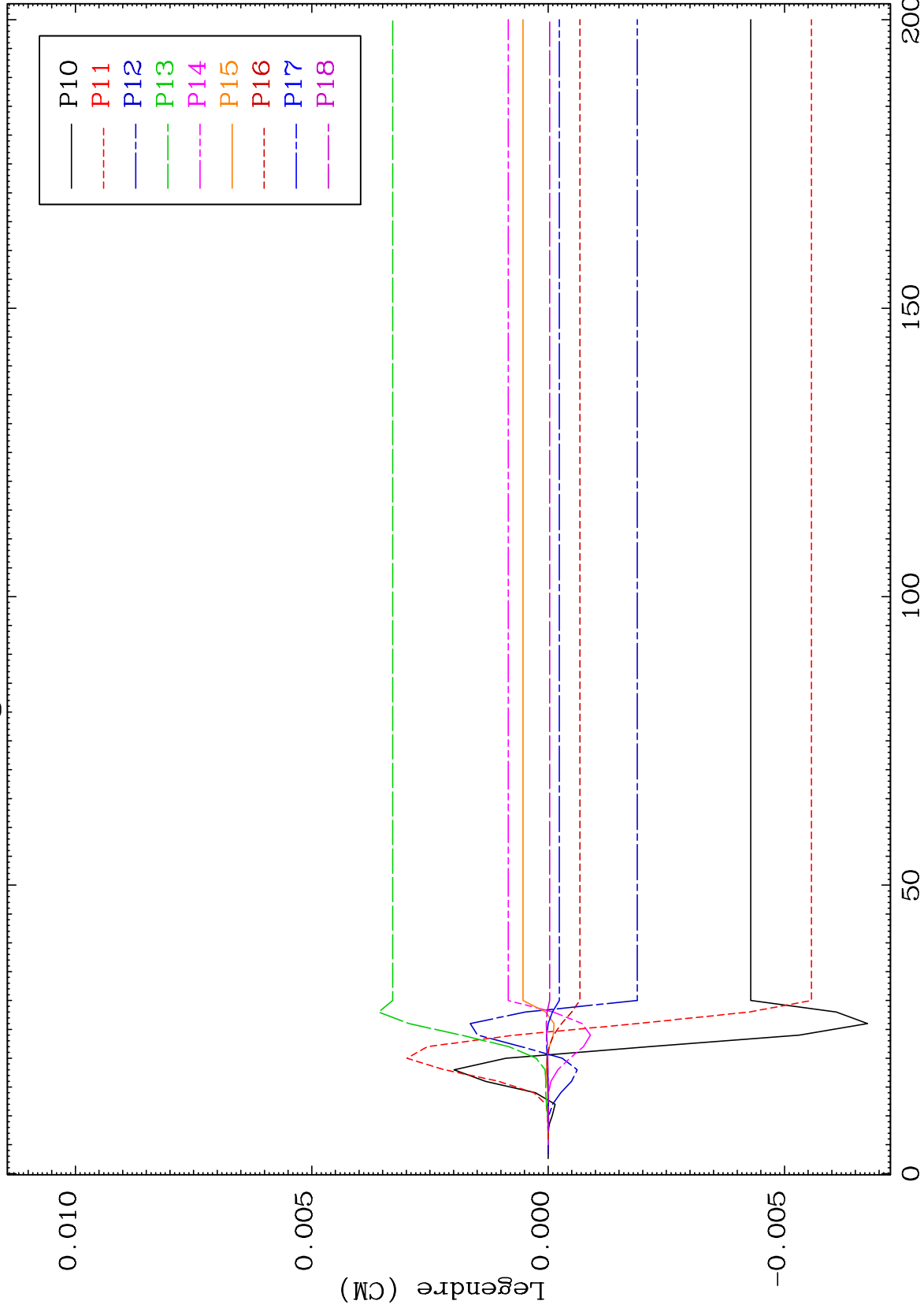




MAT 5049

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

50-Sn-120



65

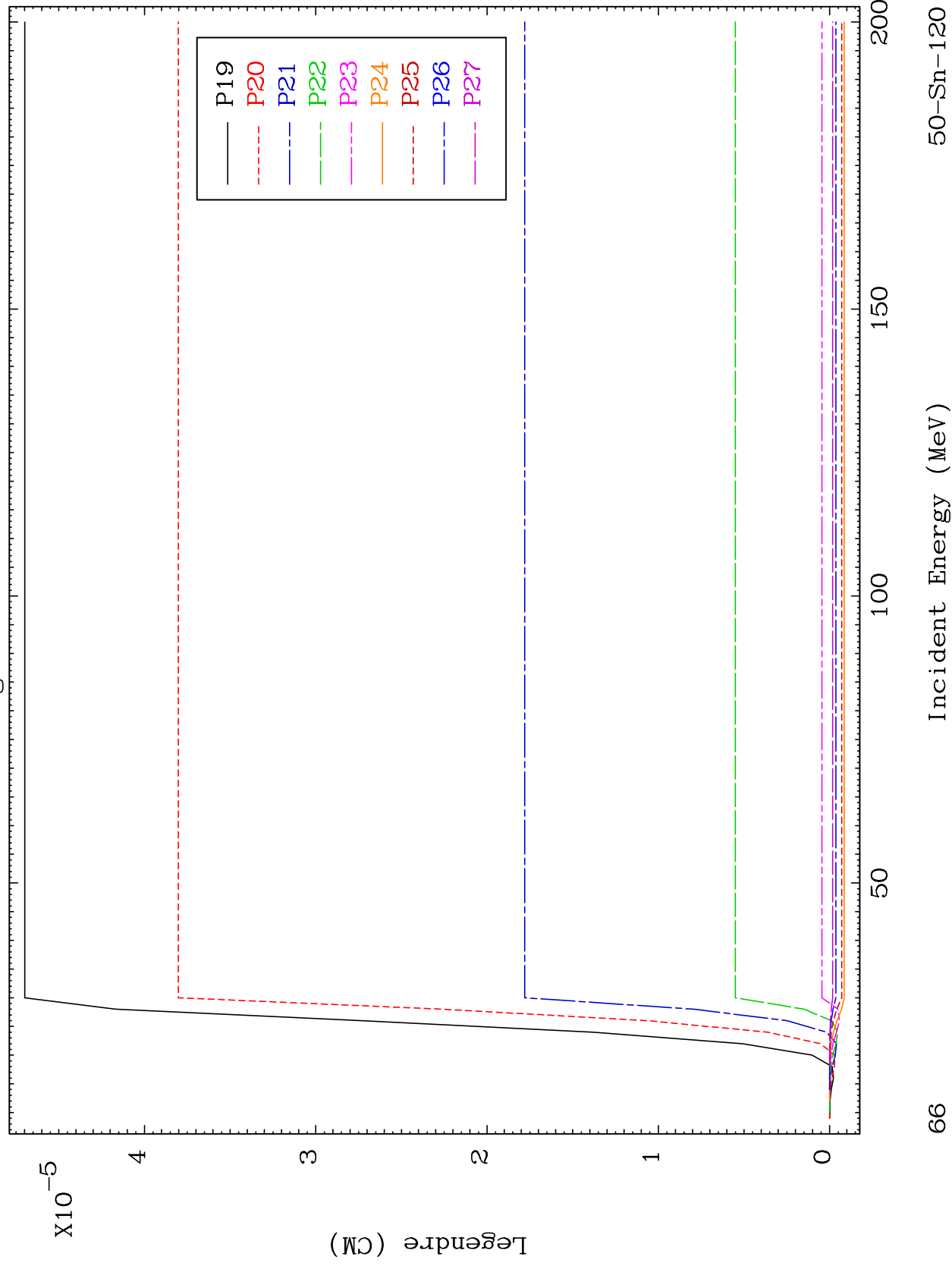
Incident Energy (MeV)

50-Sn-120

MAT 5049

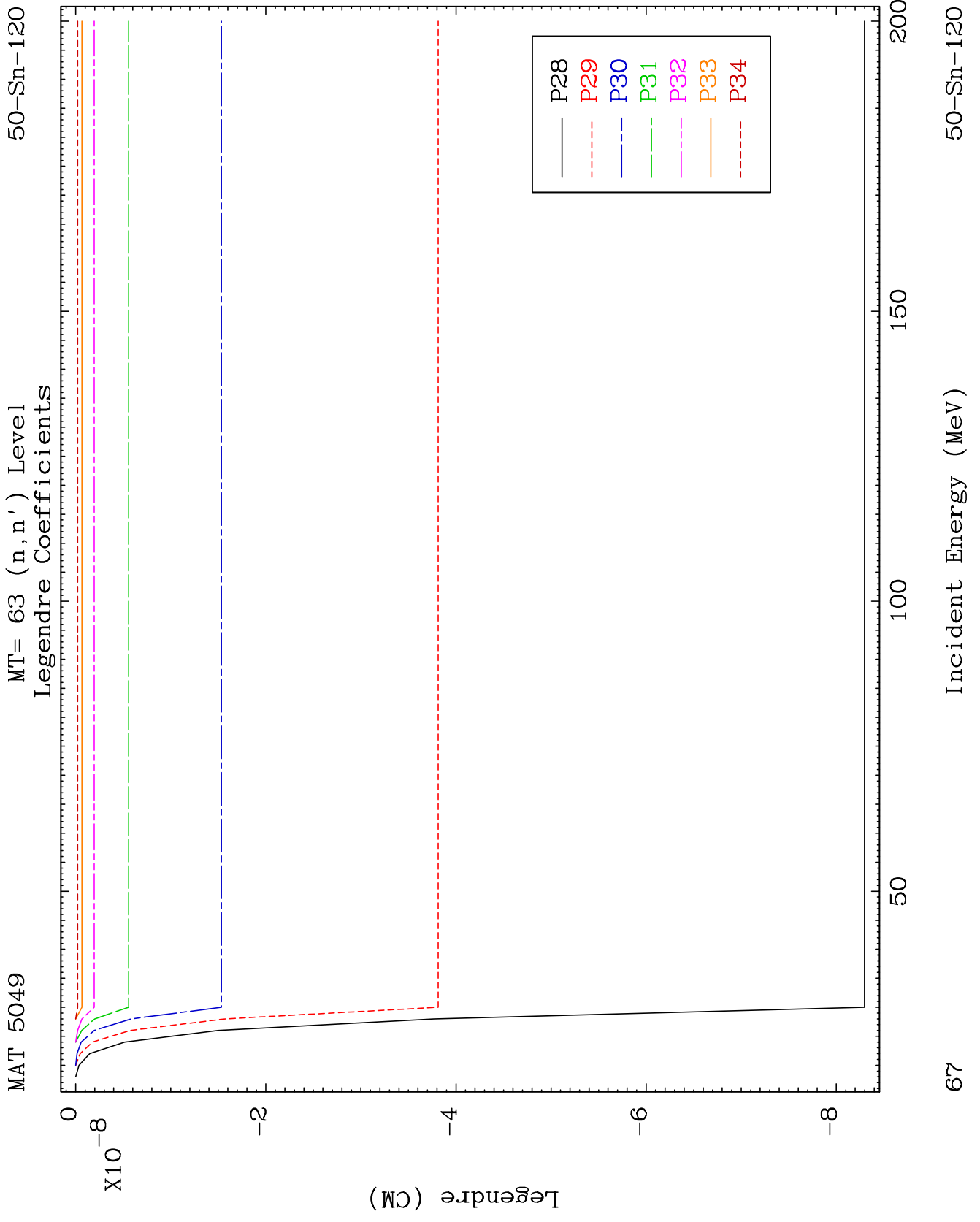
MT= 63 (n,n') Level
Legendre Coefficients

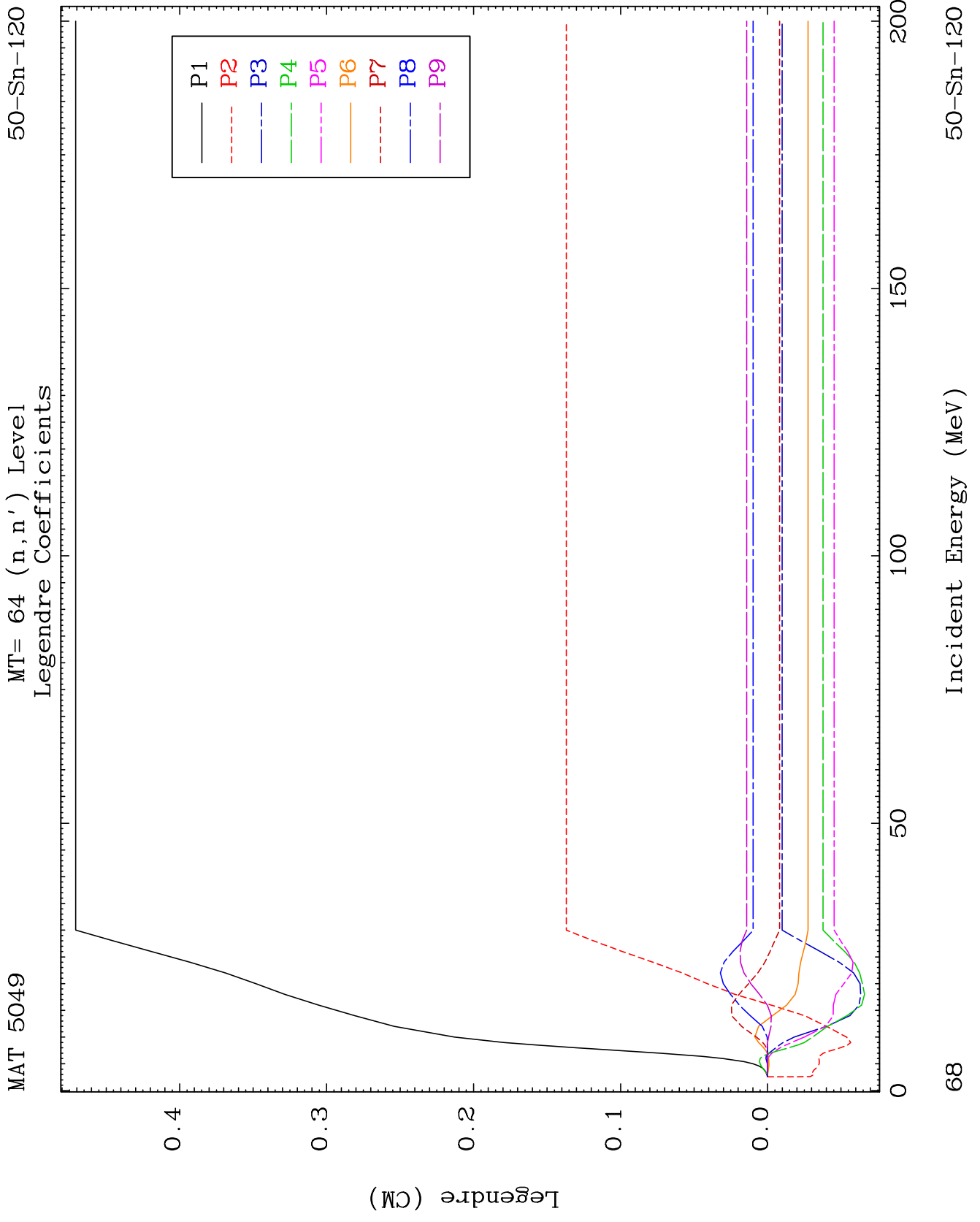
50-Sn-120



66

50-Sn-120

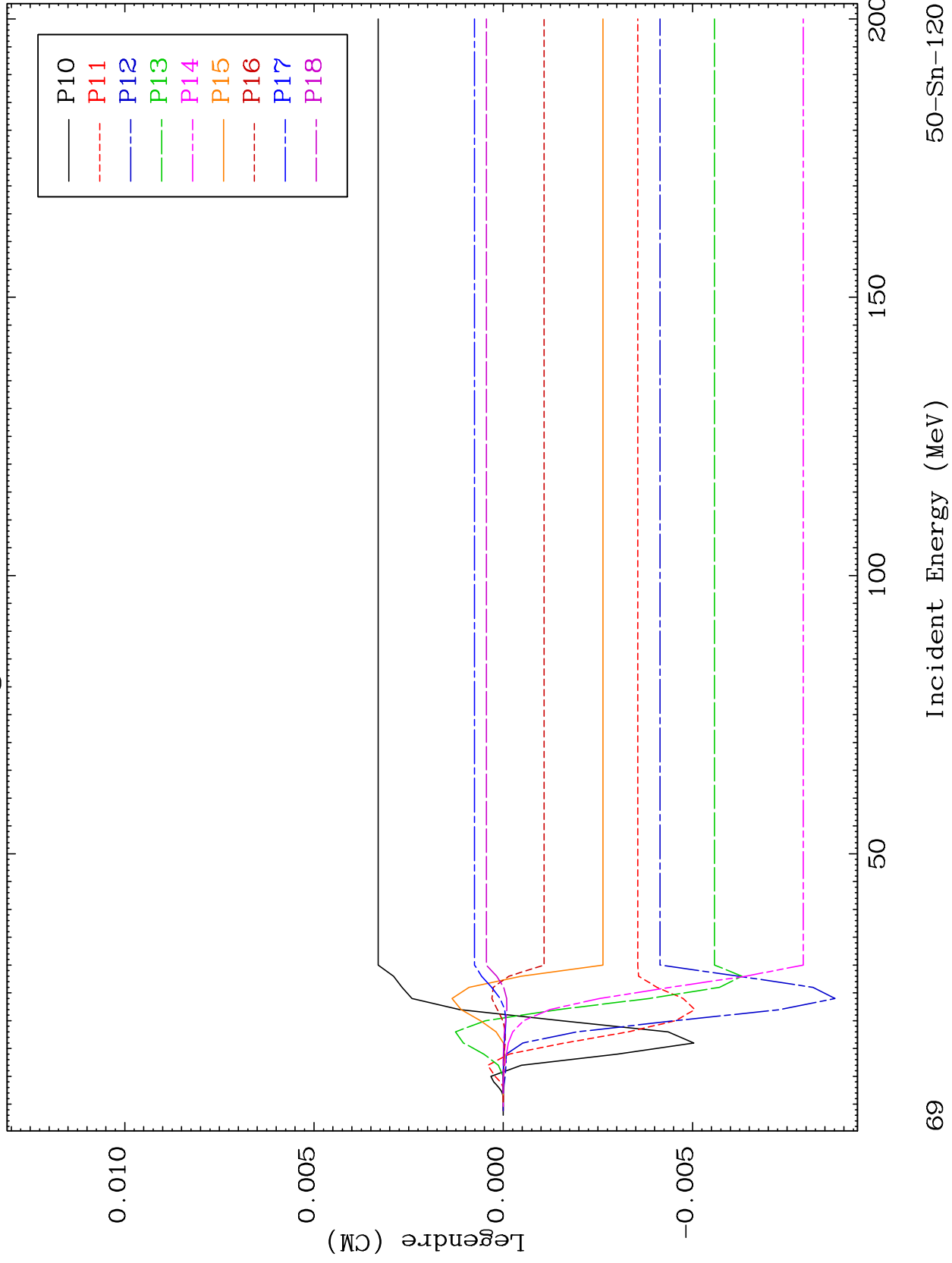




MAT 5049

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

50-Sn-120



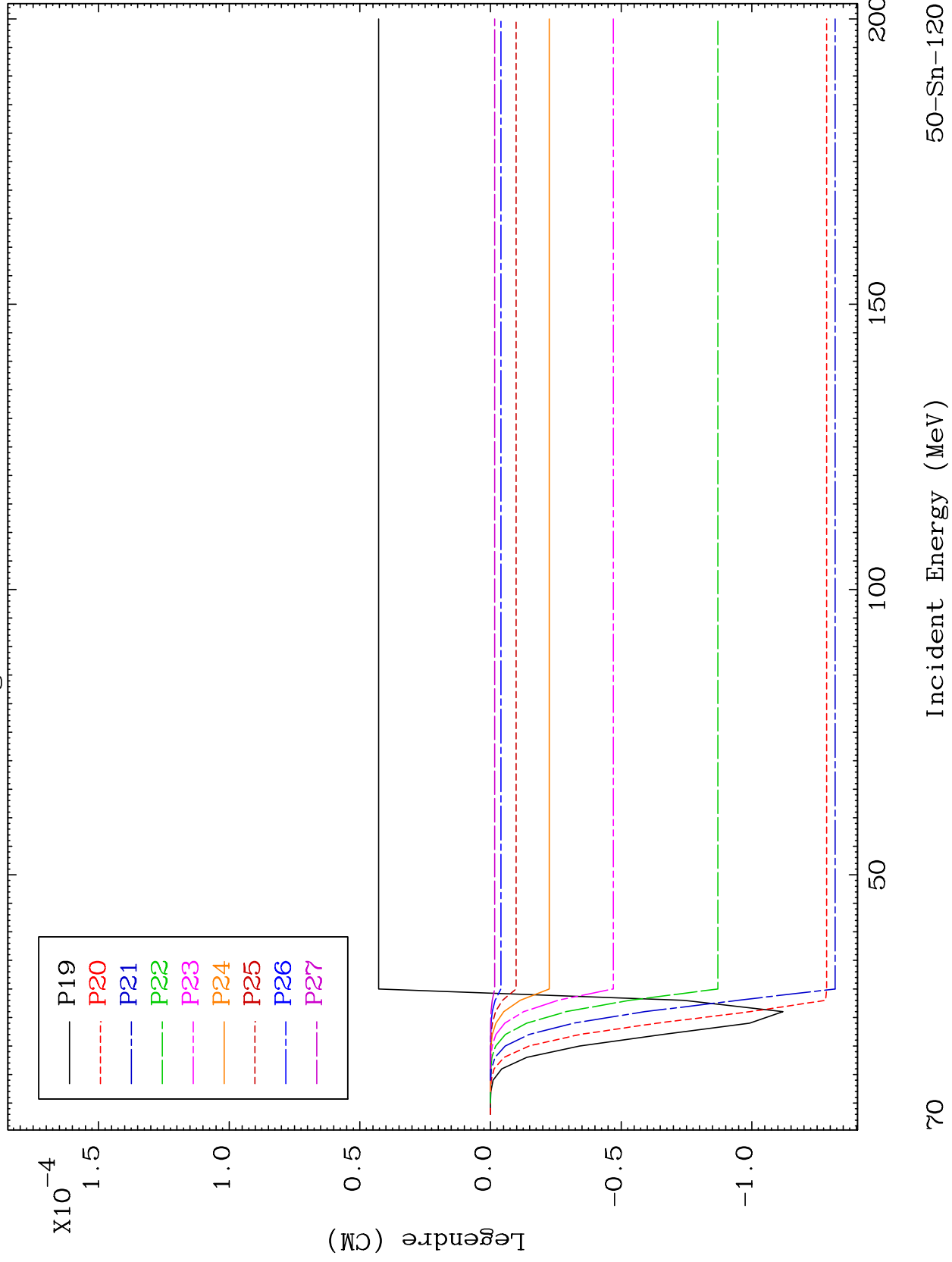
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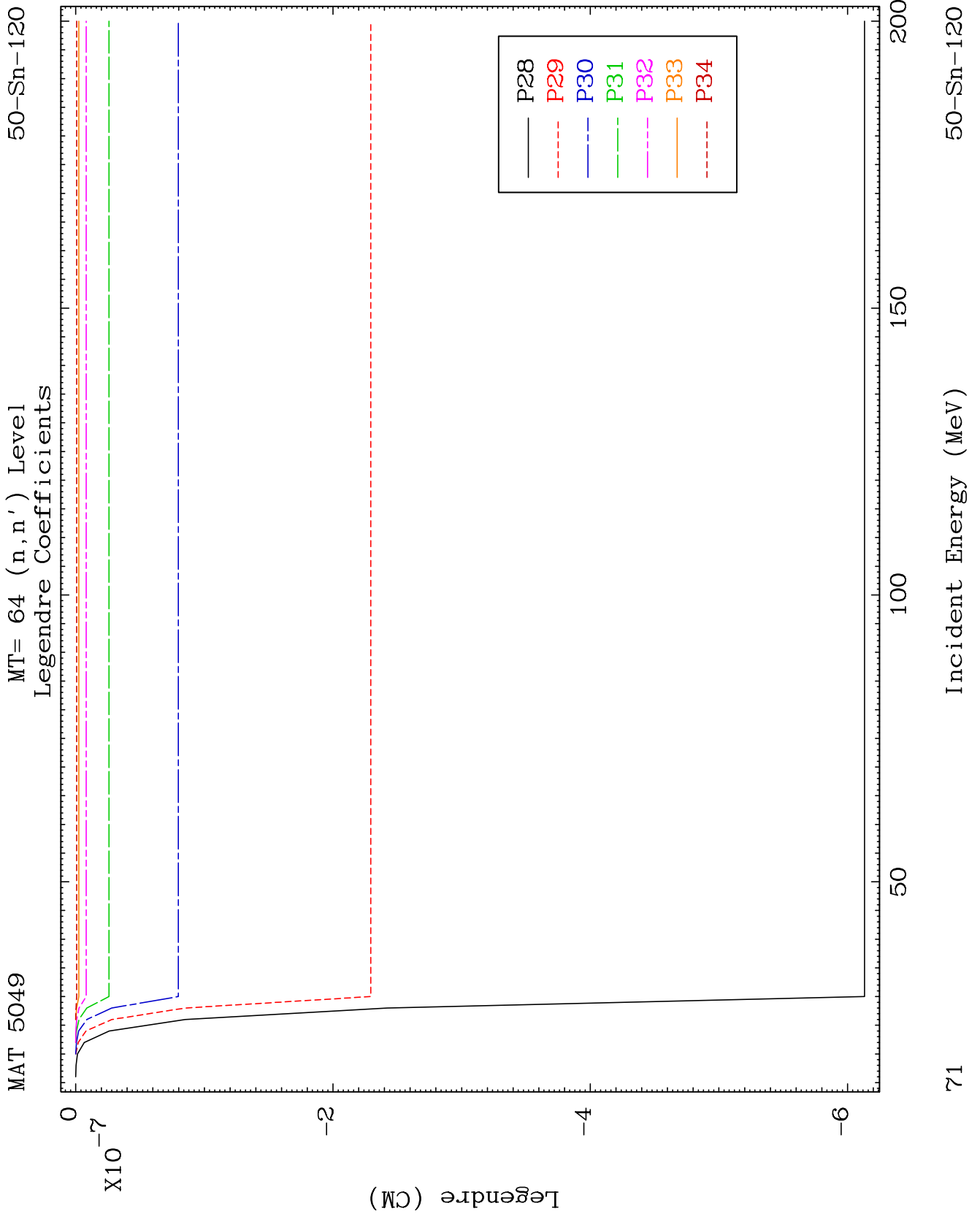
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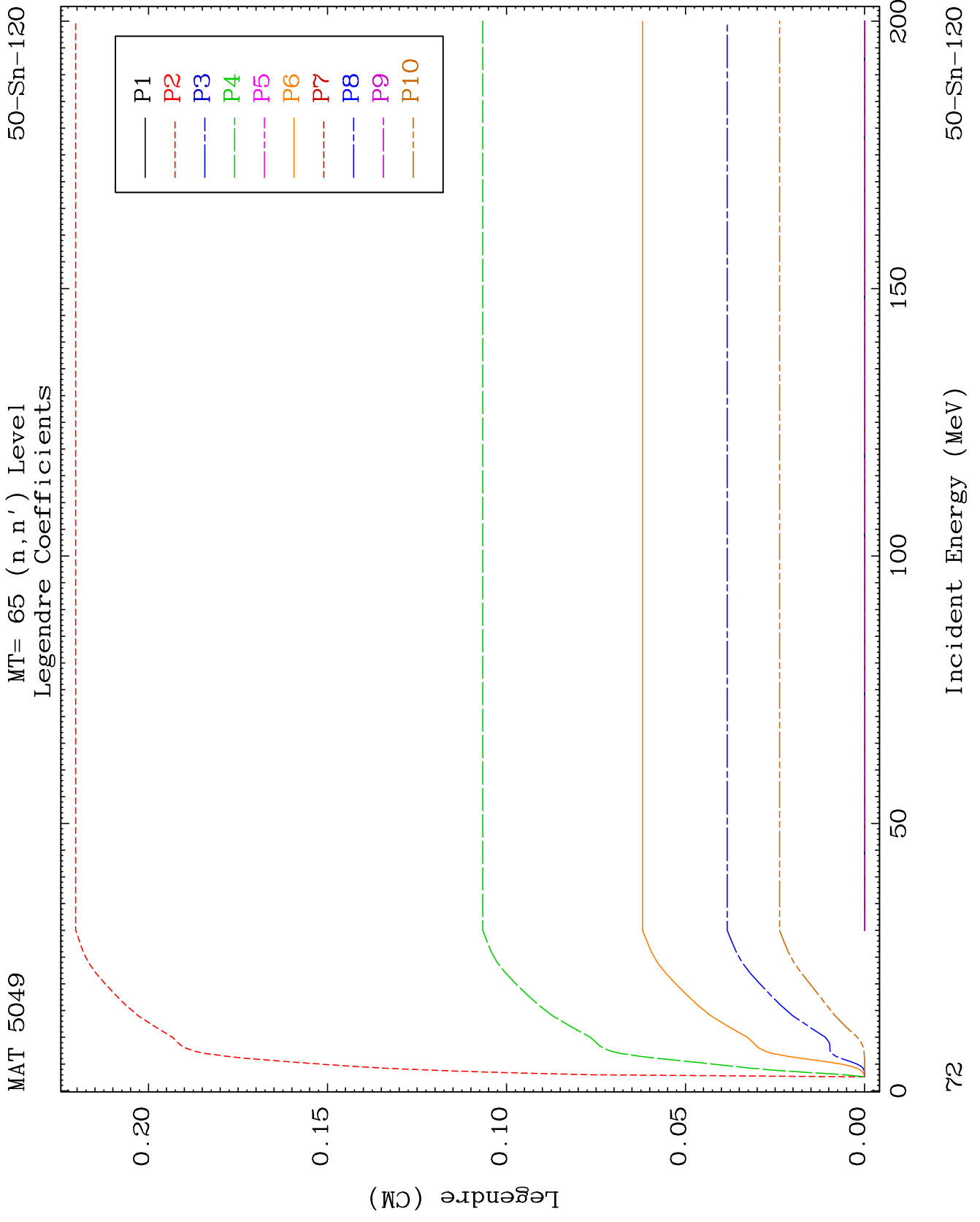
MAT 5049

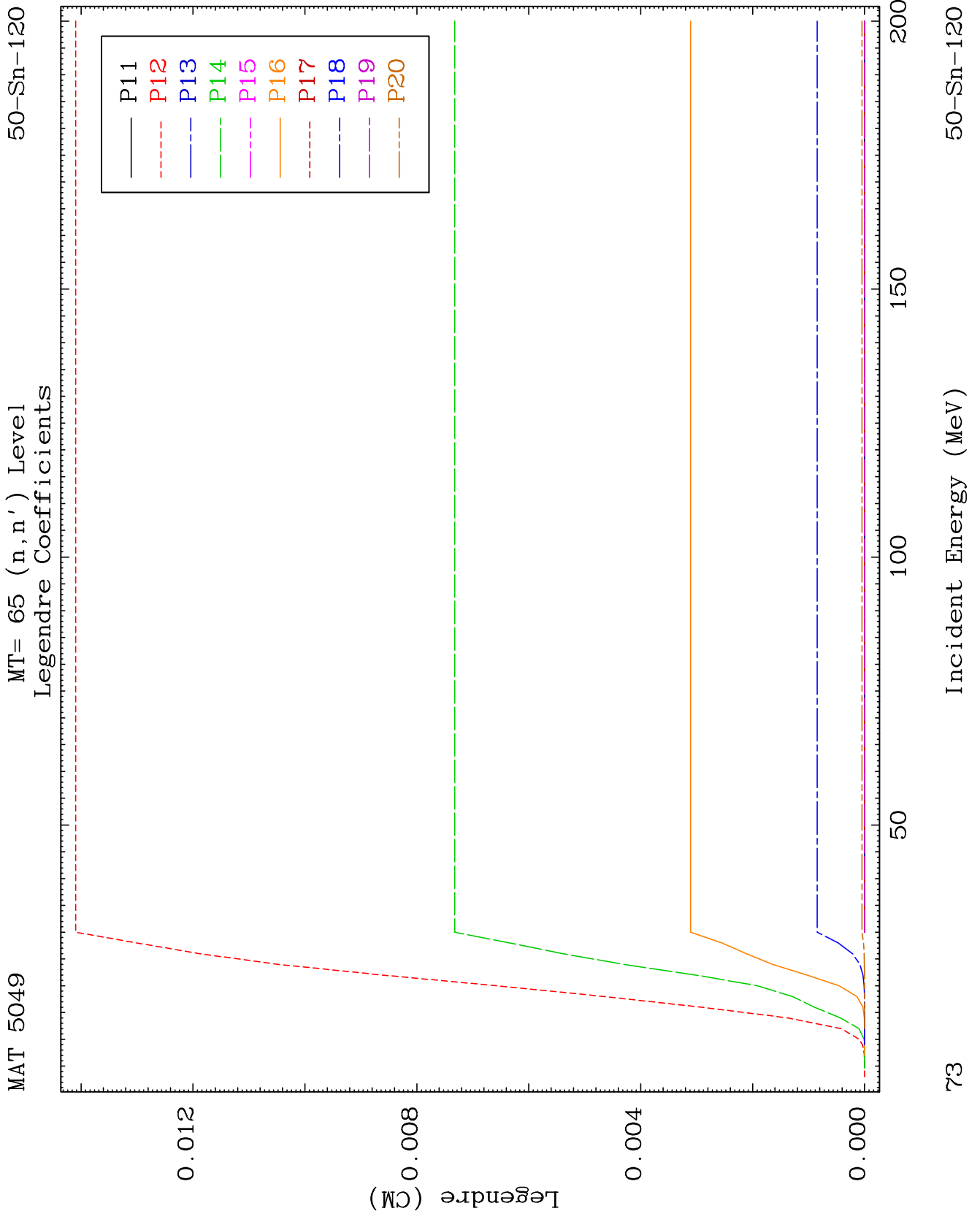
MT= 64 (n,n') Level
Legendre Coefficients

50-Sn-120





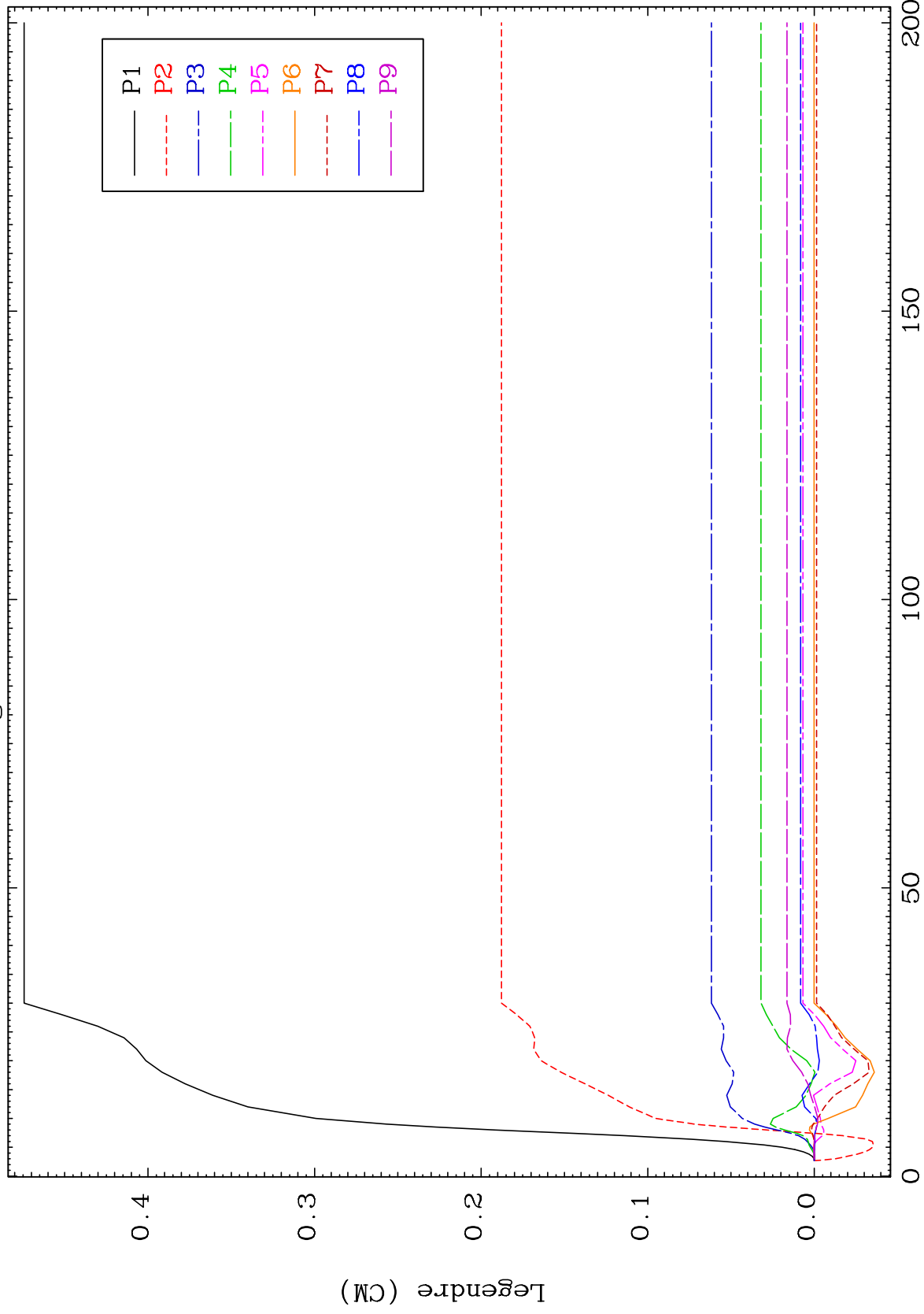




MAT 5049

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

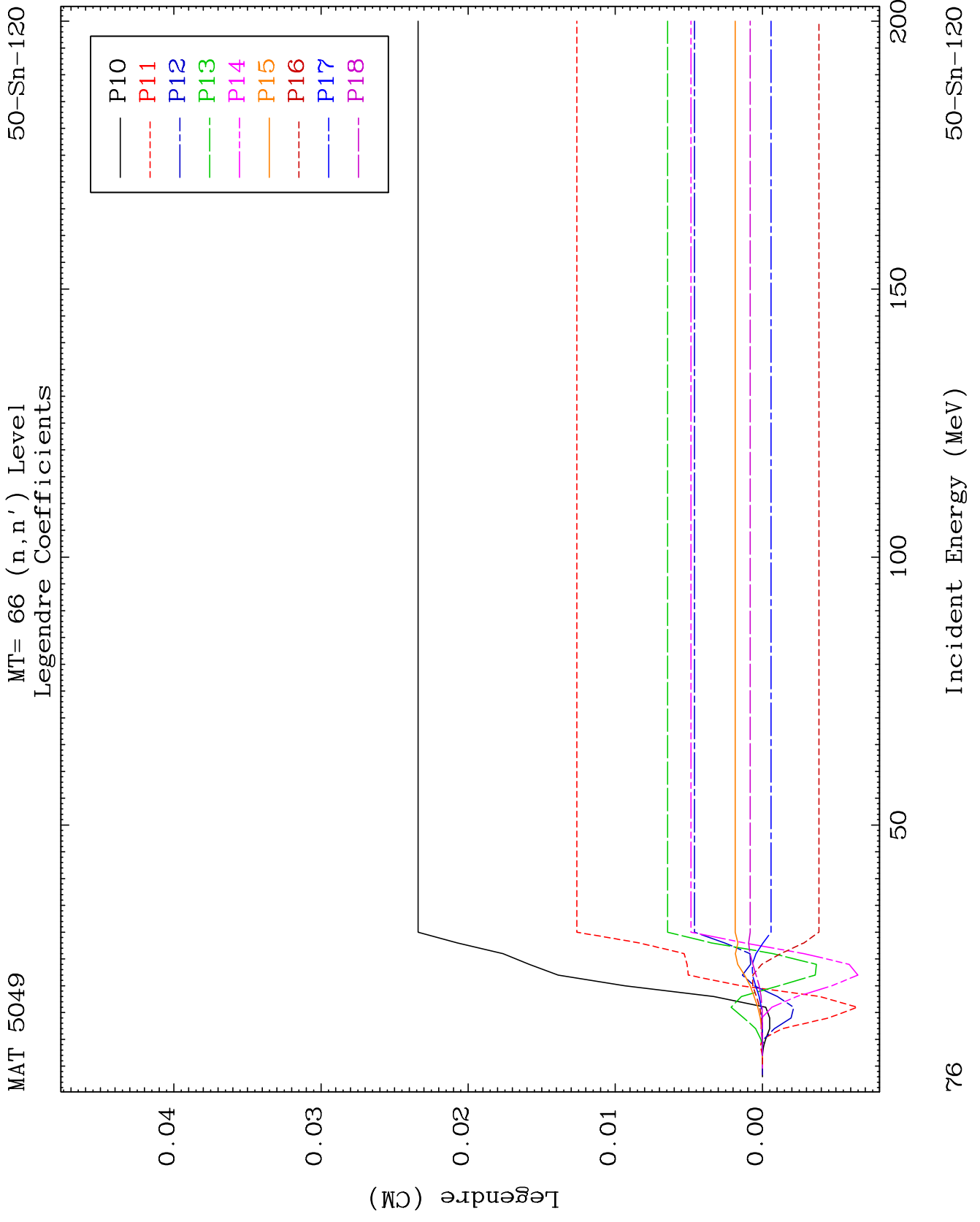
50-Sn-120

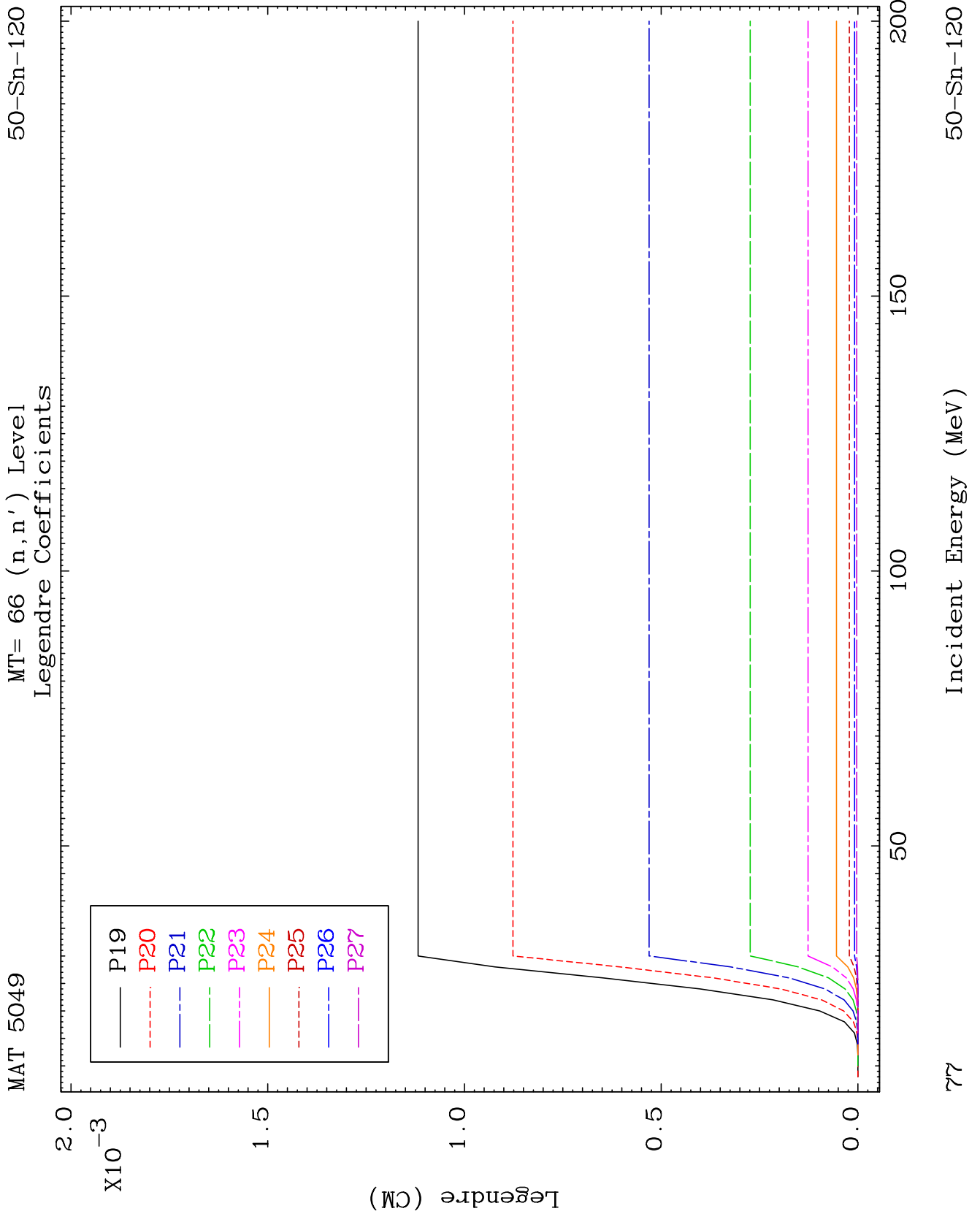


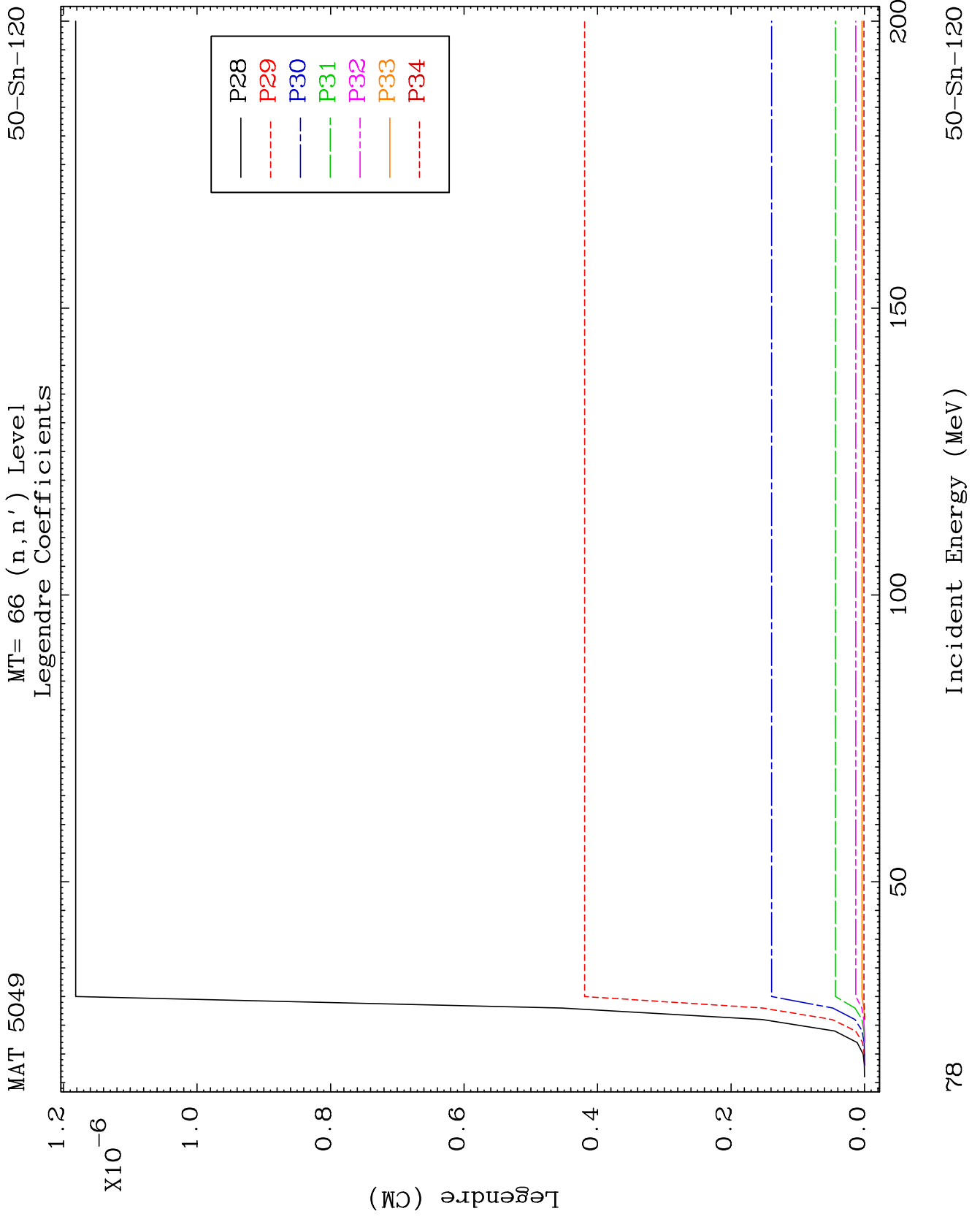
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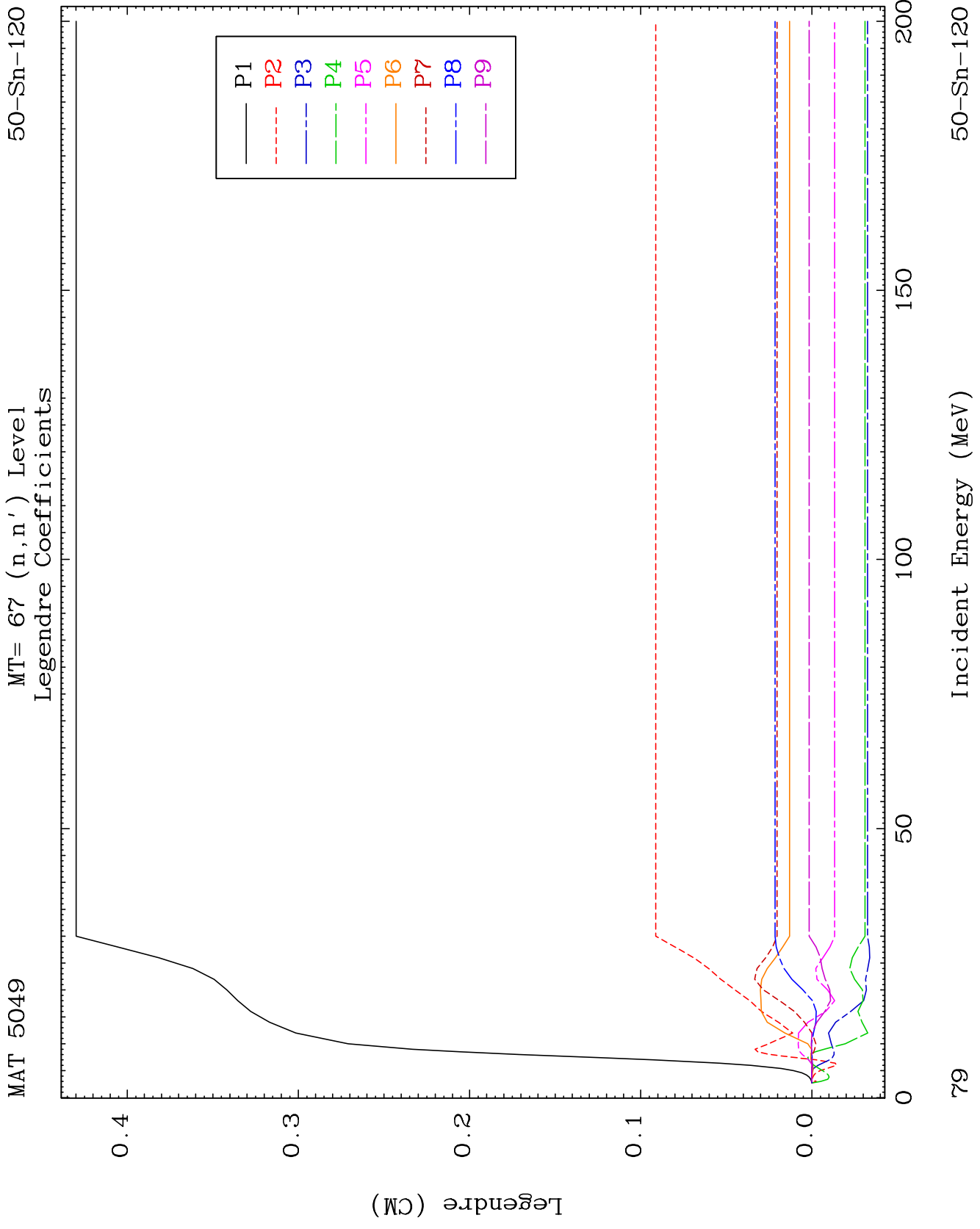
Incident Energy (MeV)

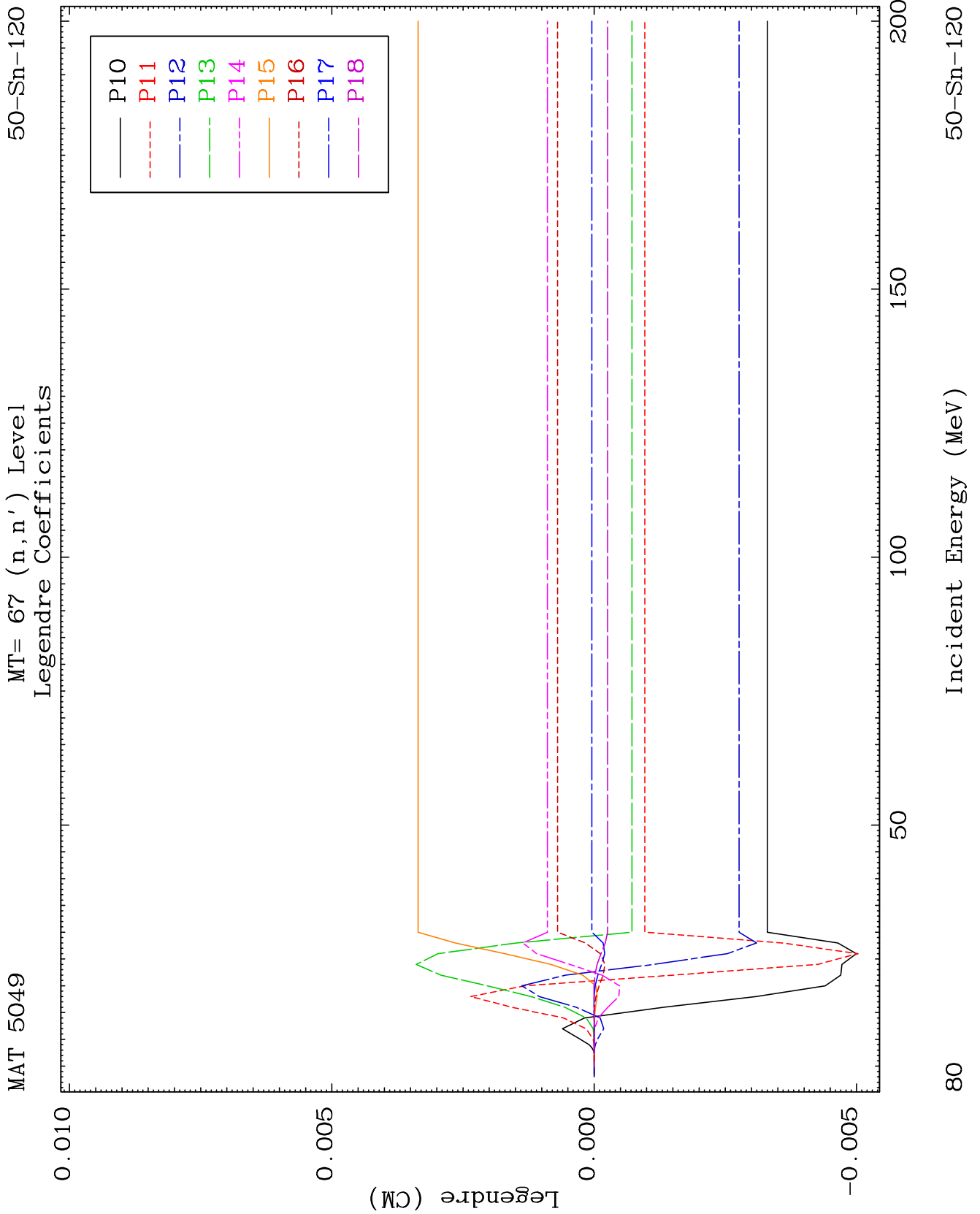
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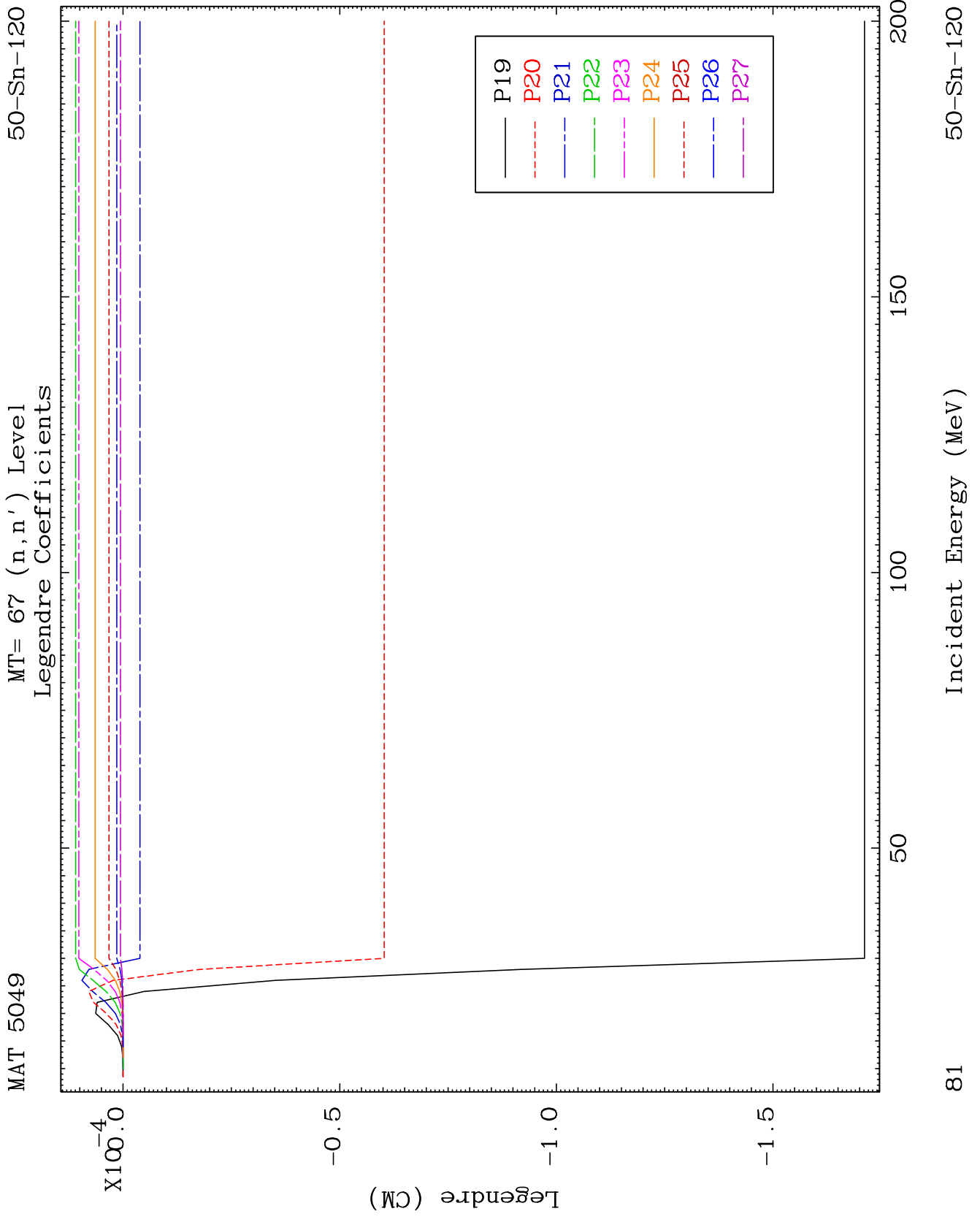








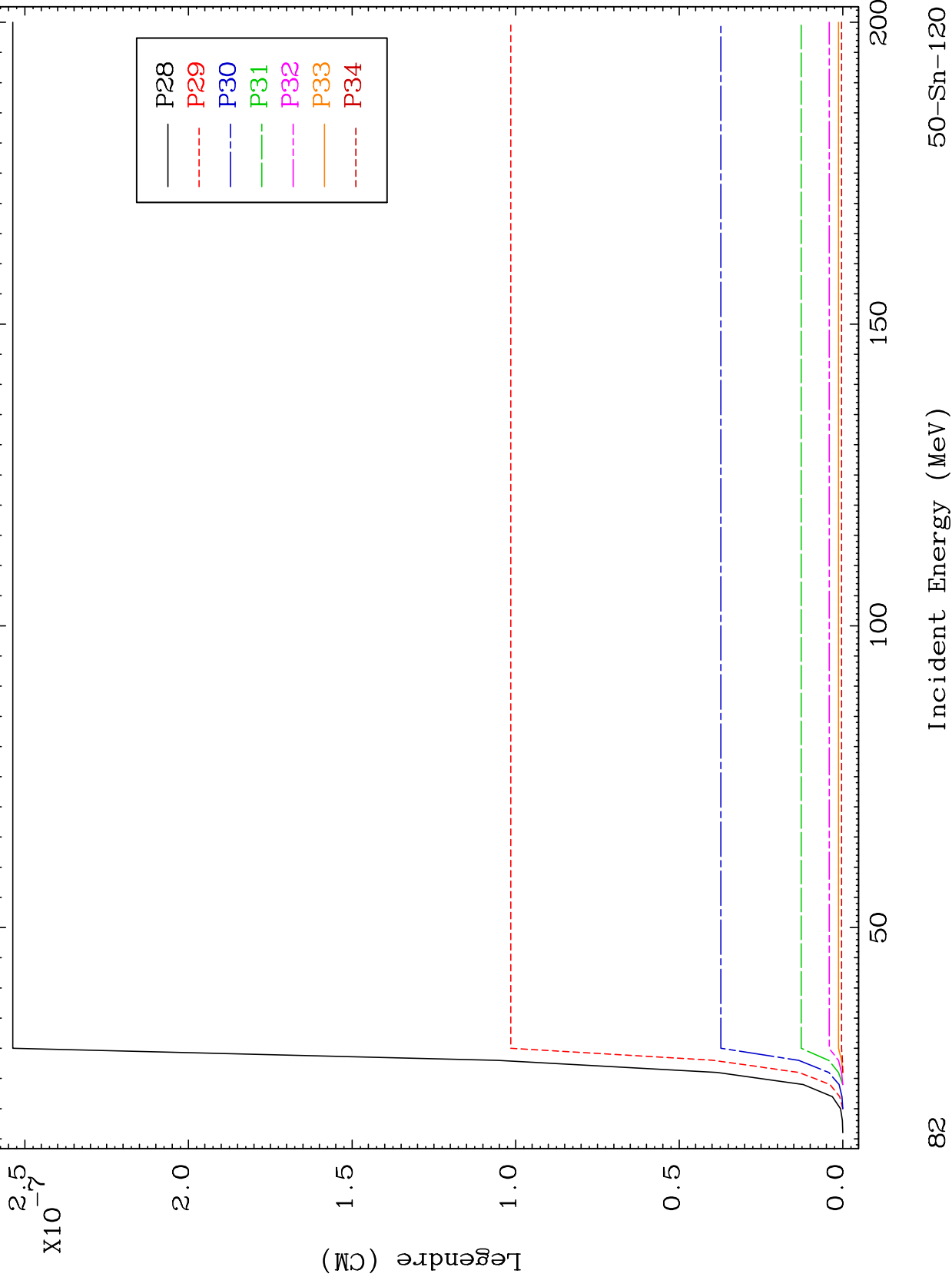




MAT 5049

MT= 67 (n,n') Level
Legendre Coefficients

50-Sn-120



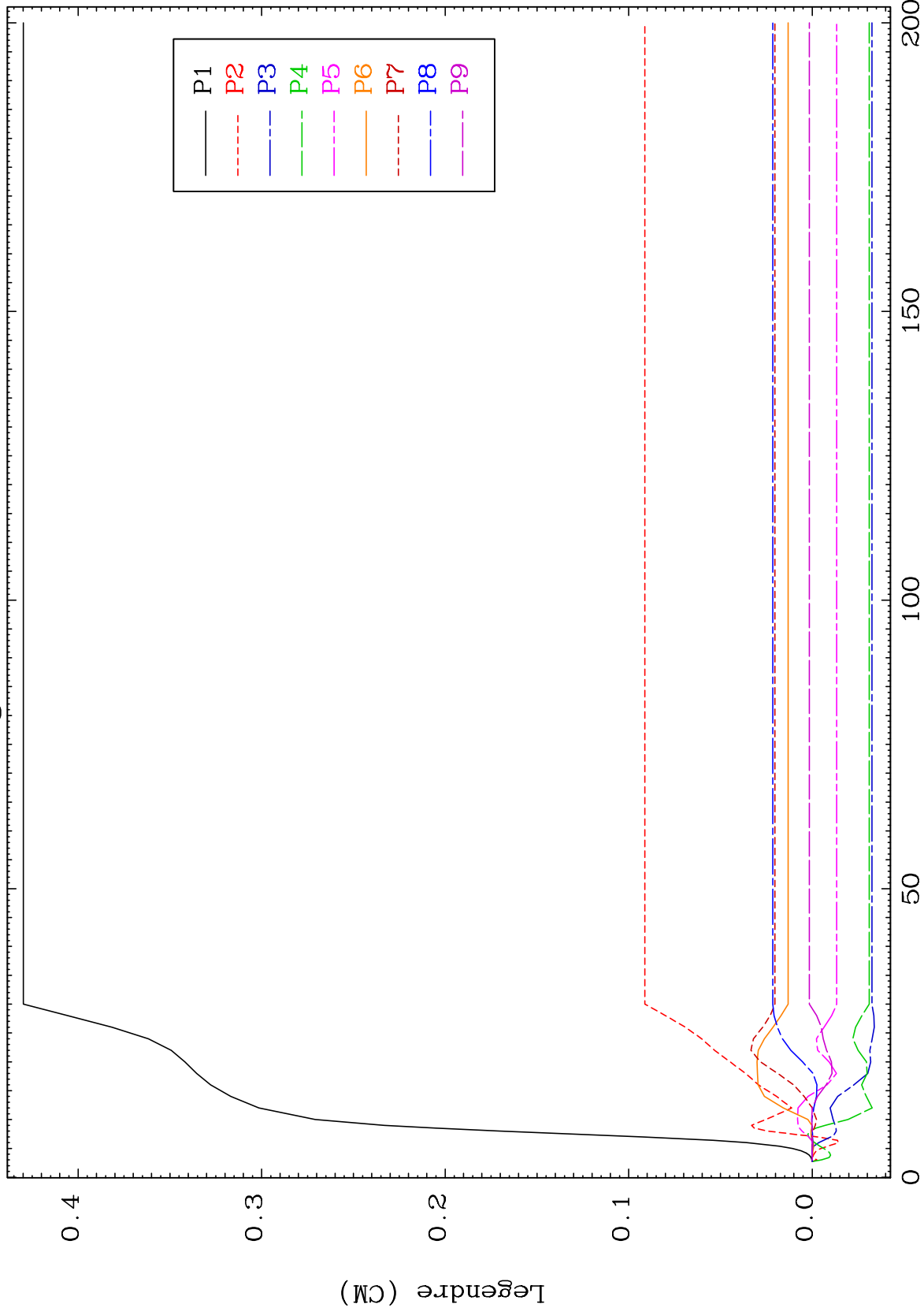
82

50-Sn-120

MAT 5049

MT= 68 (n,n') Level
Legendre Coefficients

50-Sn-120



83

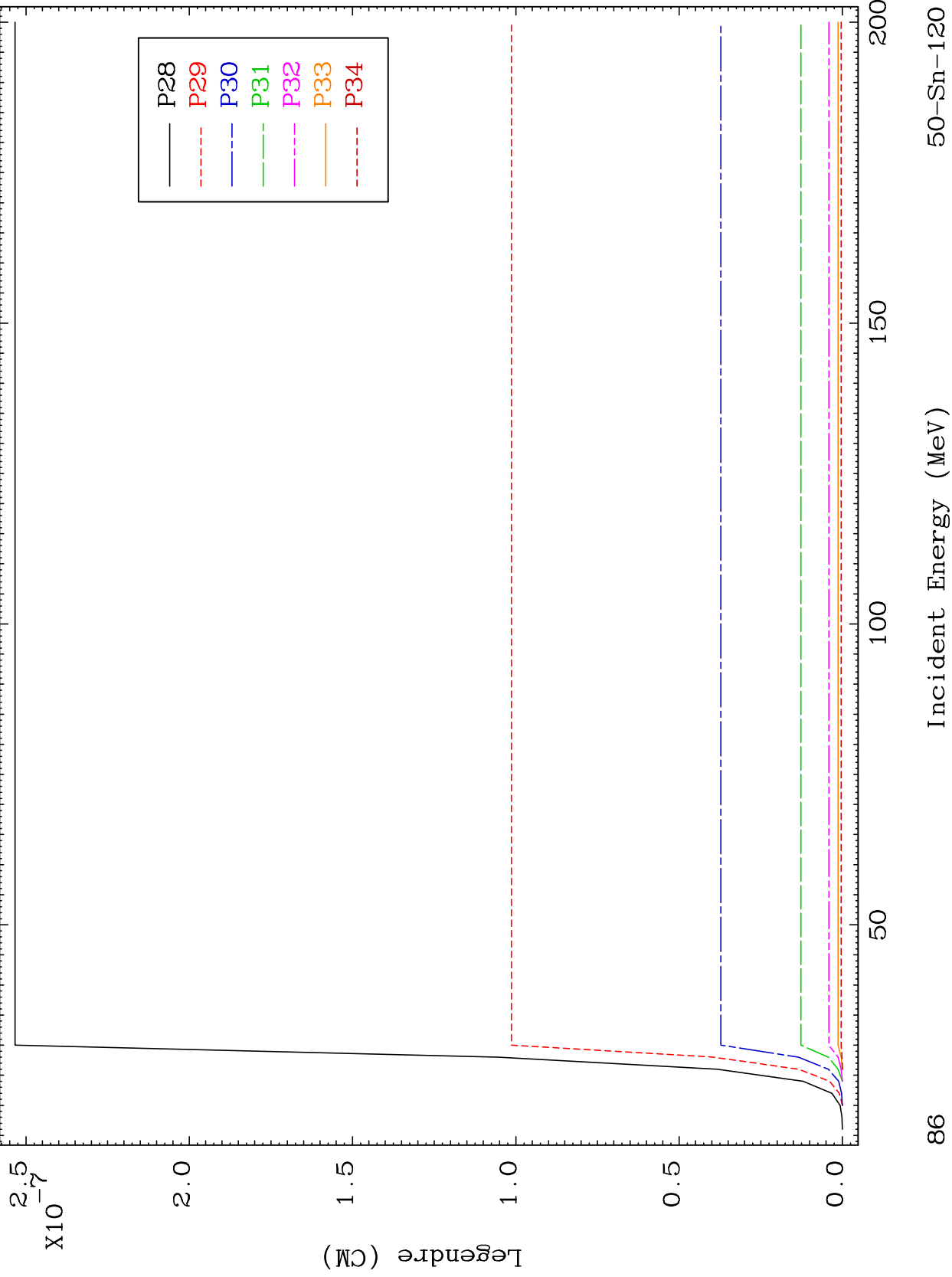
Incident Energy (MeV)

50-Sn-120

MAT 5049

MT= 68 (n,n') Level
Legendre Coefficients

50-Sn-120

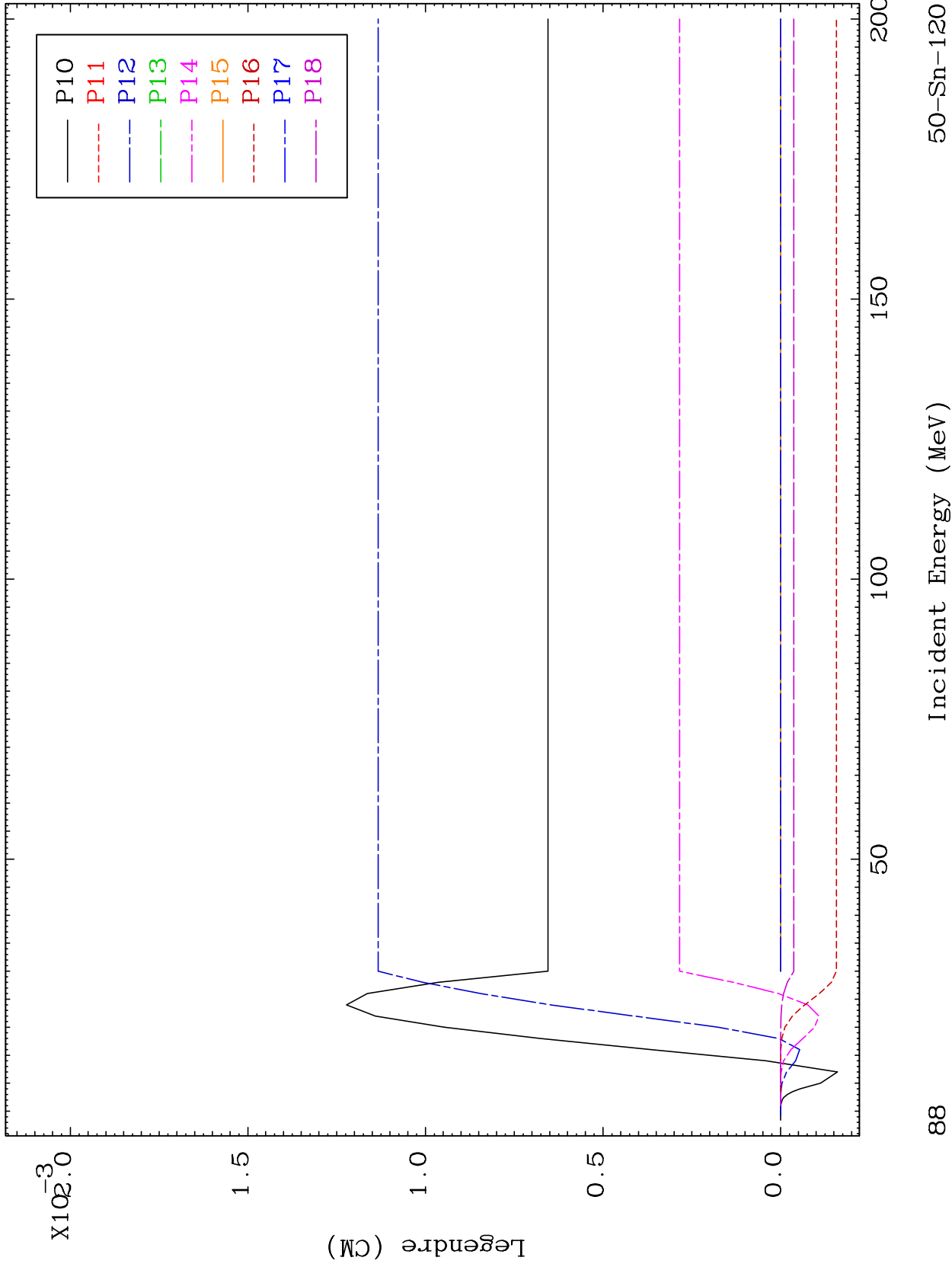


86

MAT 5049

MT= 69 (n,n') Level
Legendre Coefficients

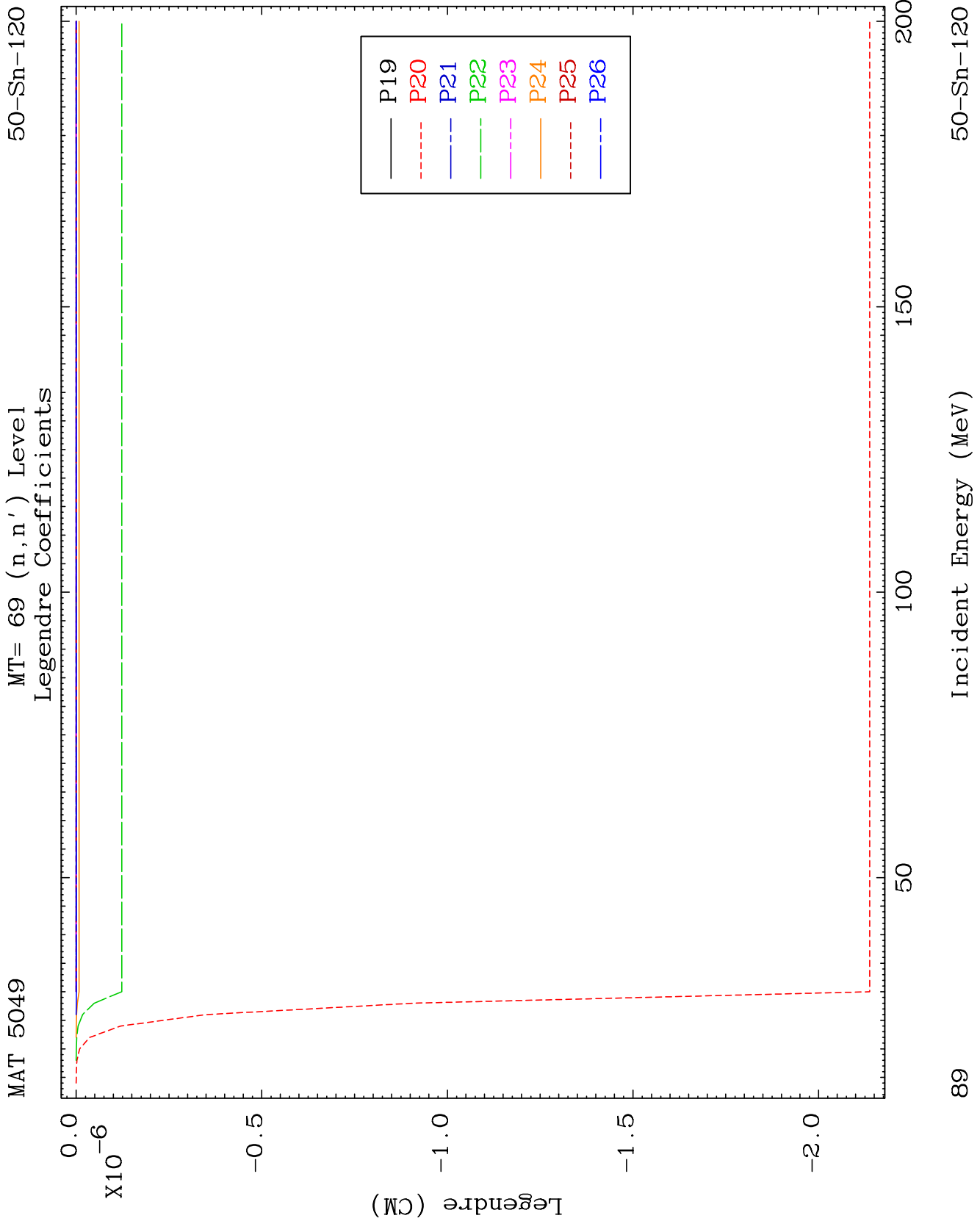
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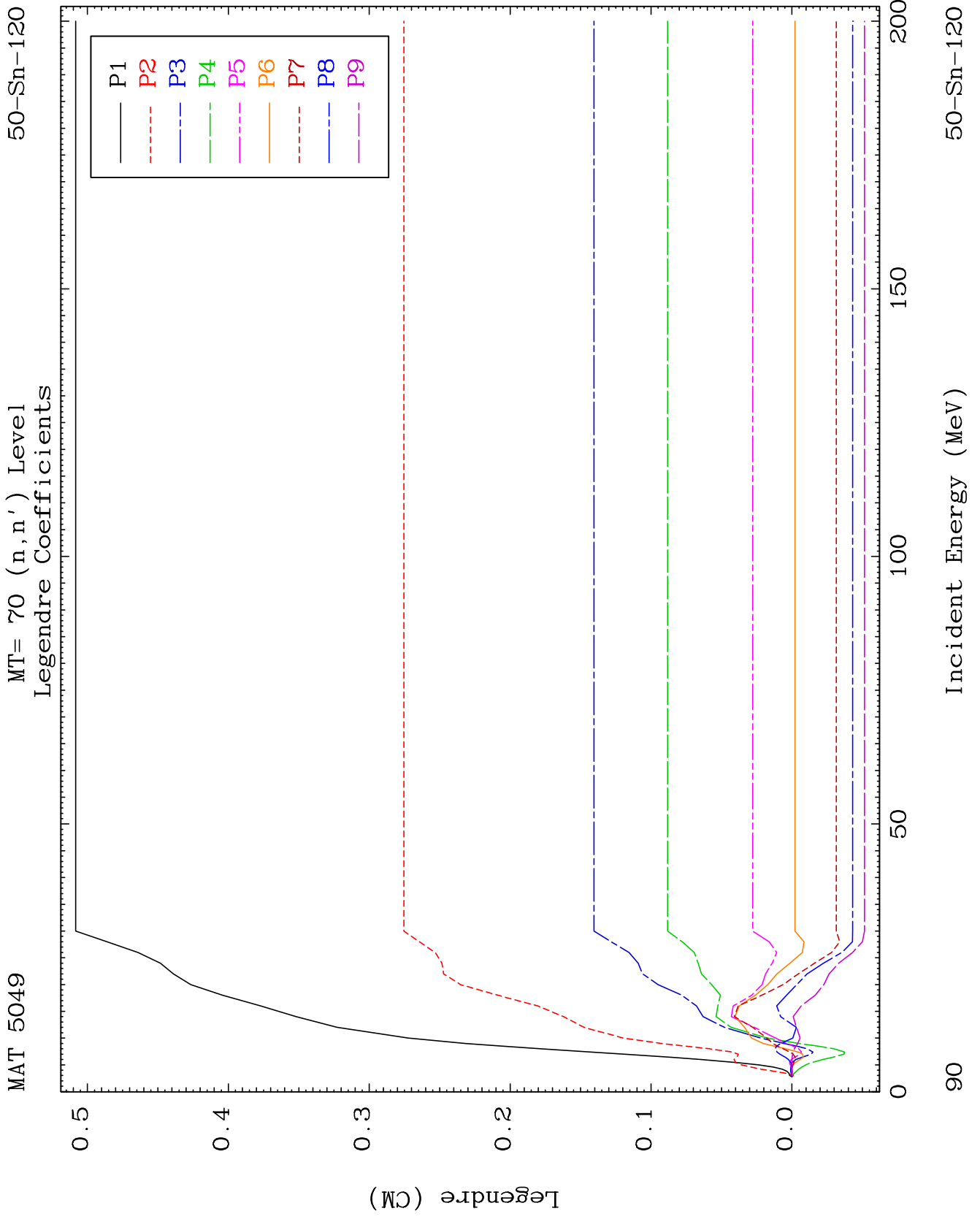


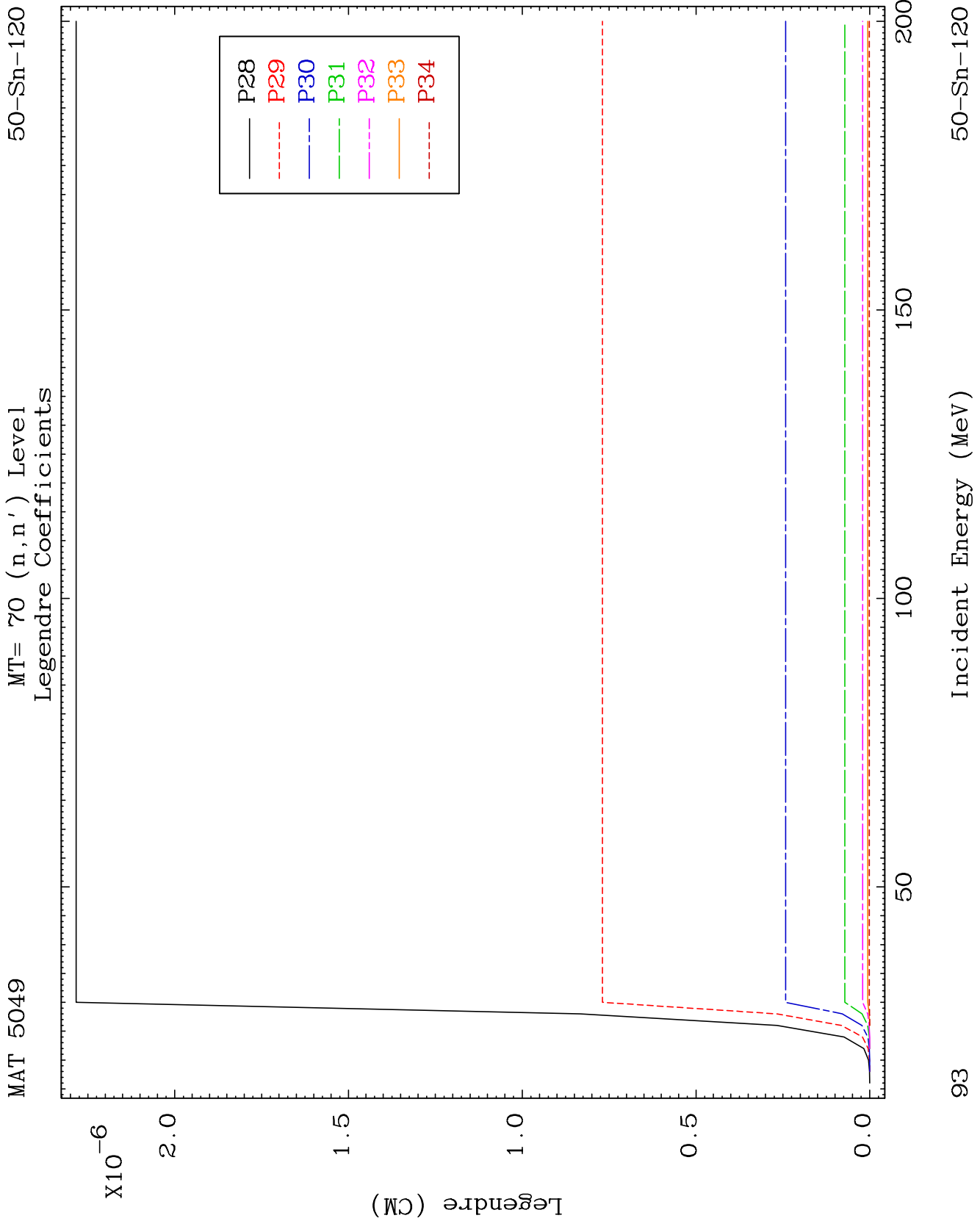
88

Incident Energy (MeV)

50-Sn-120





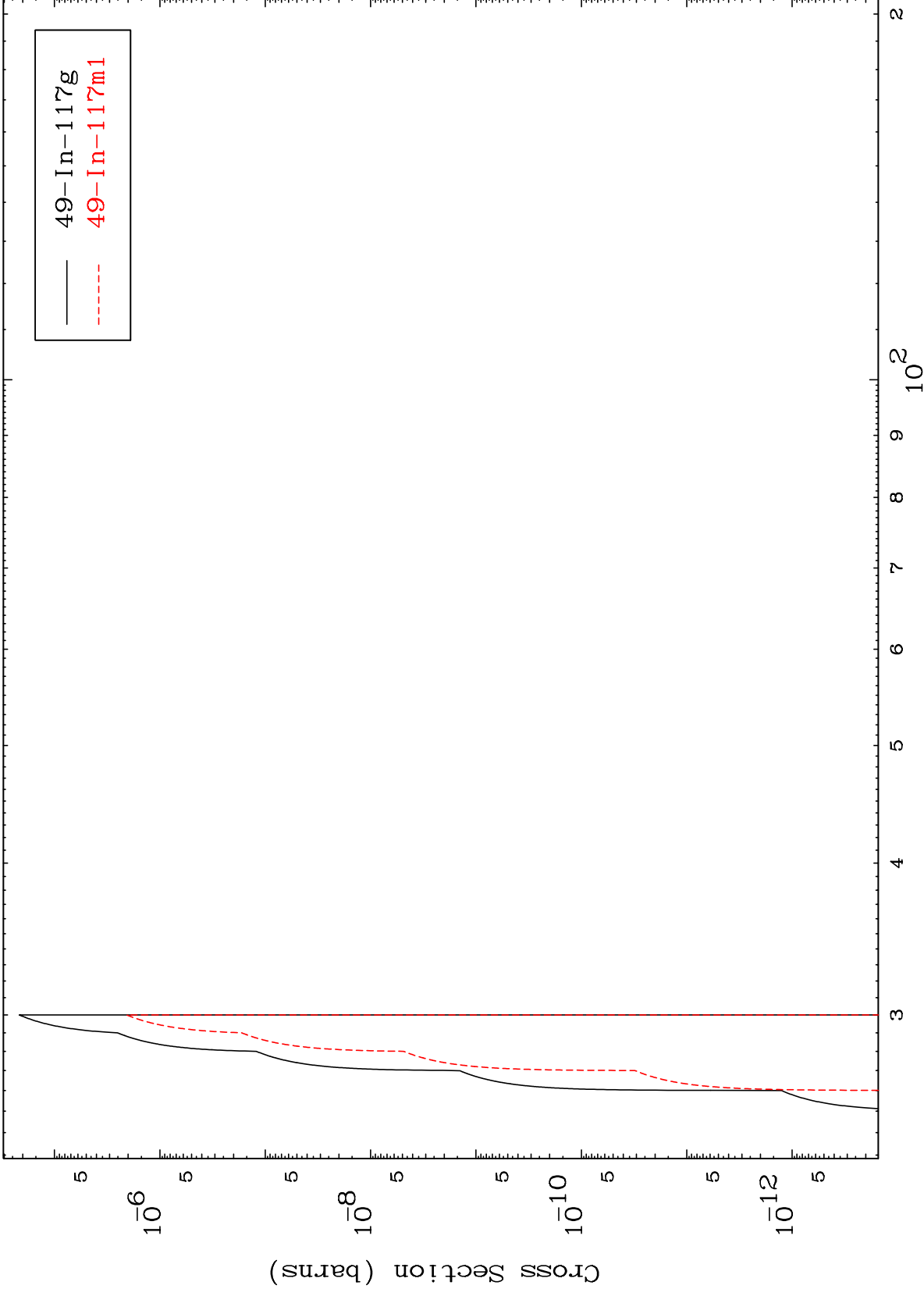


MAT 5049

(n,2n) d

50-Sn-120

Radionuclide Production Cross Section



94

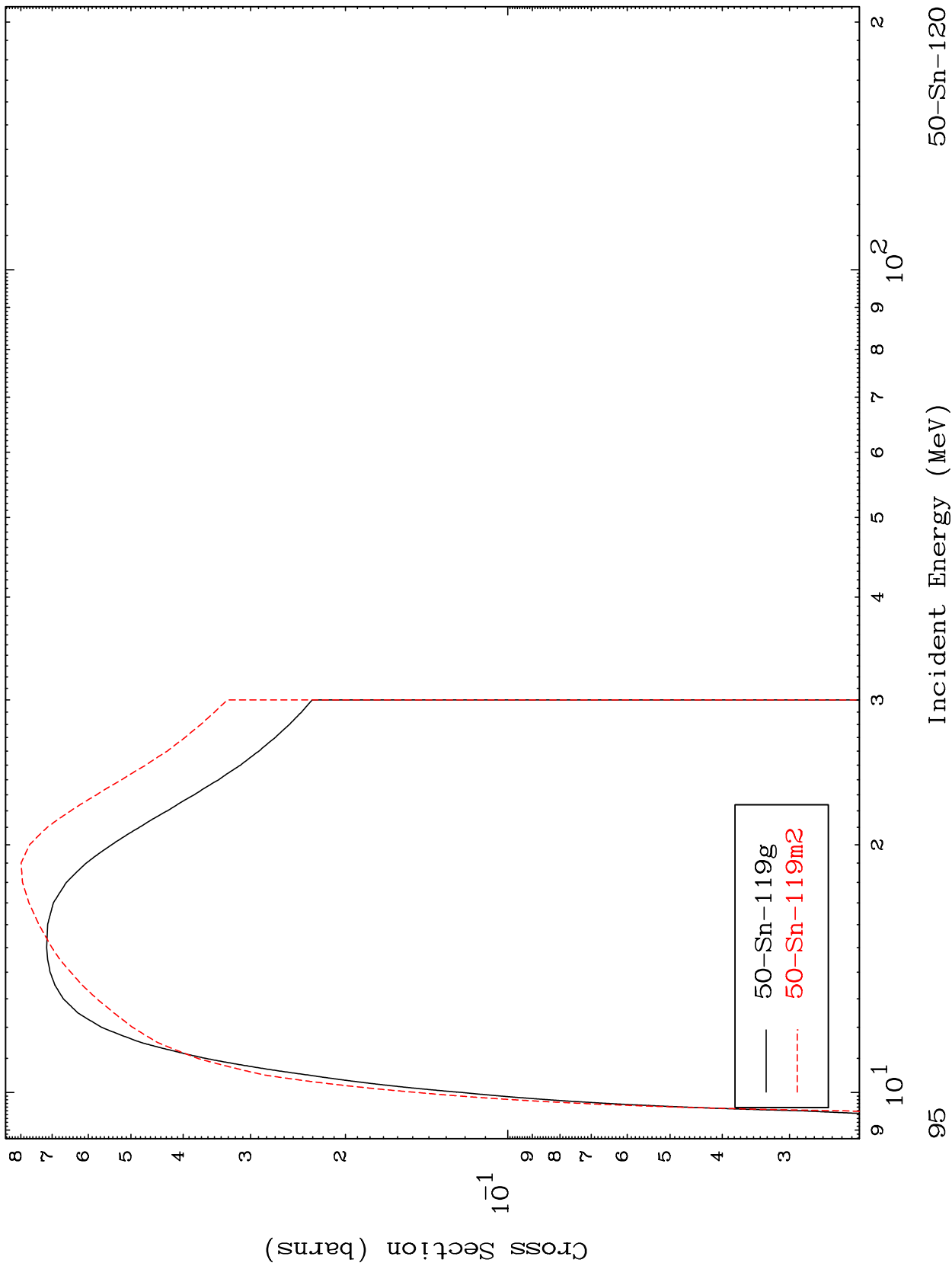
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

(n,2n)
Radionuclide Production Cross Section



50-Sn-120

Incident Energy (MeV)

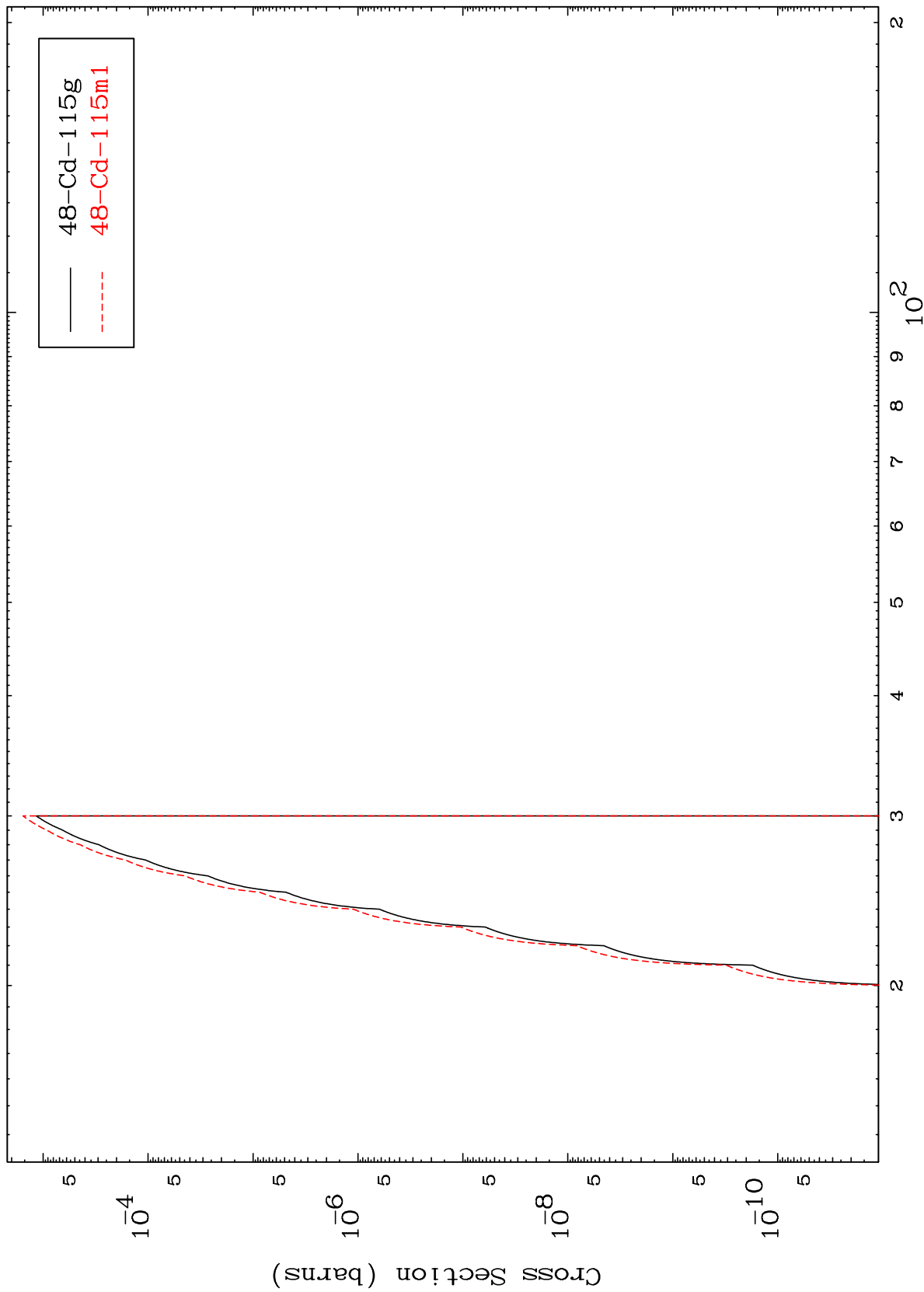
95

MAT 5049

50-Sn-120

(n,2n) α

Radionuclide Production Cross Section



96

50-Sn-120

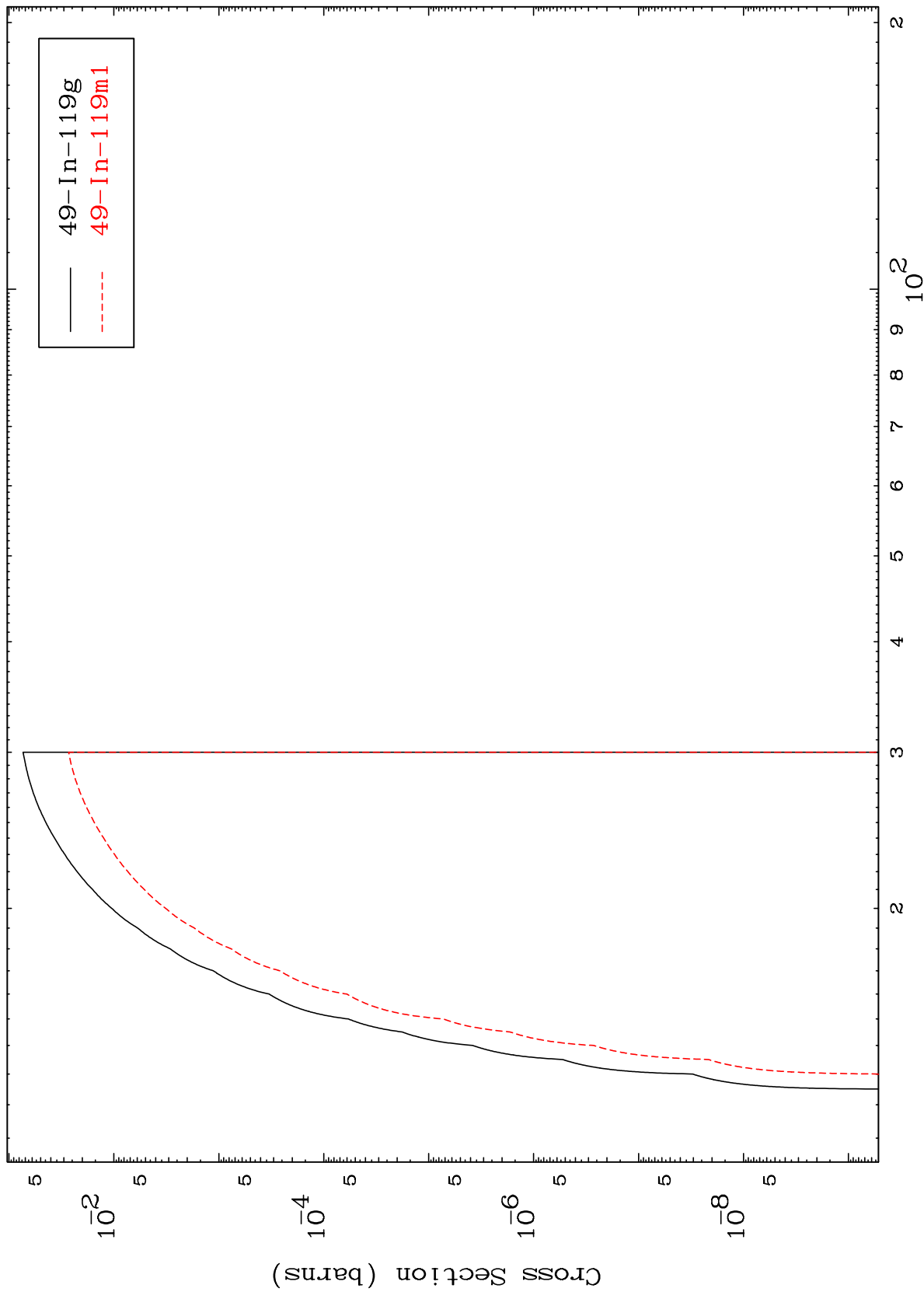
Incident Energy (MeV)

MAT 5049

(n,n') p

50-Sn-120

Radionuclide Production Cross Section

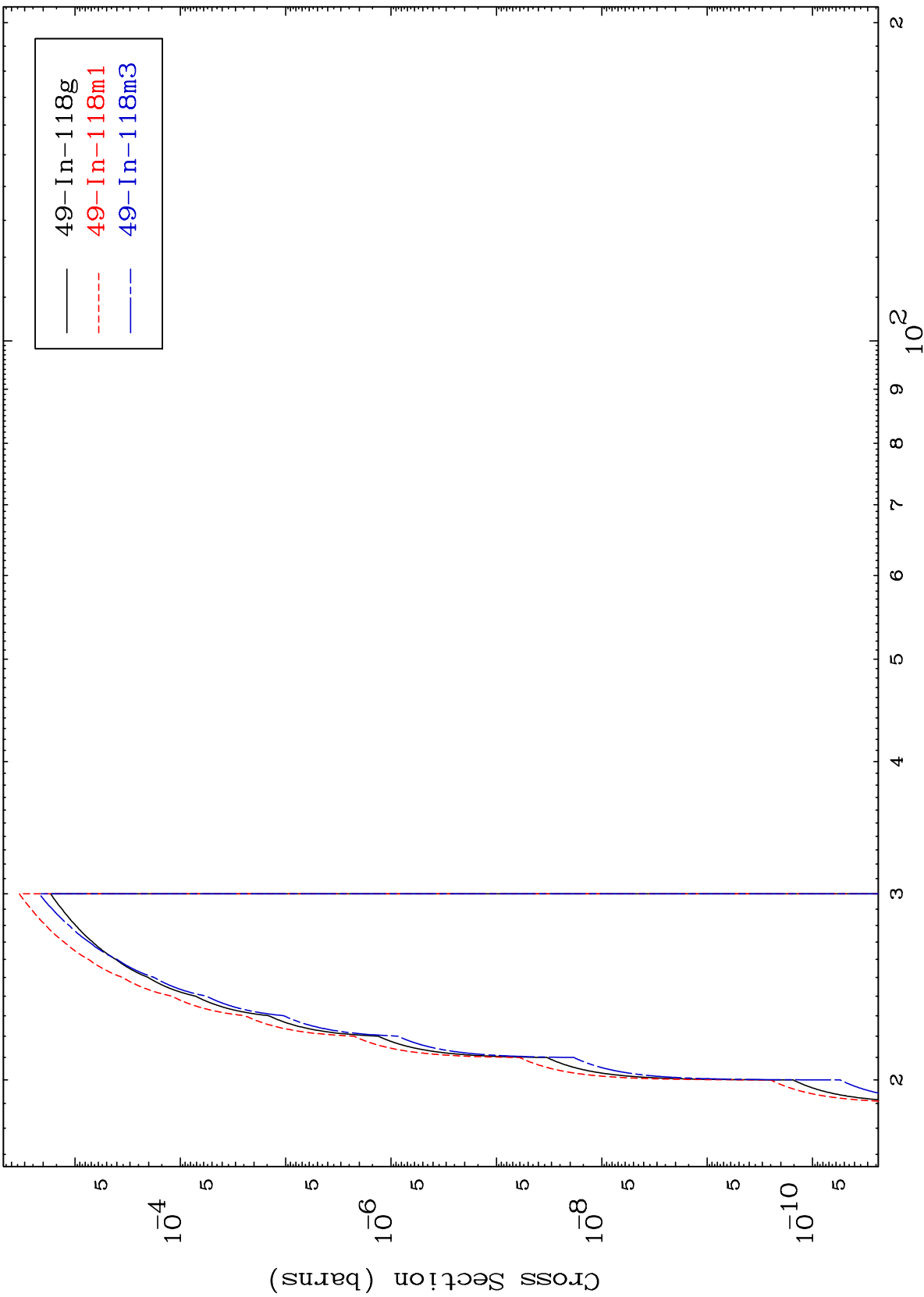


97

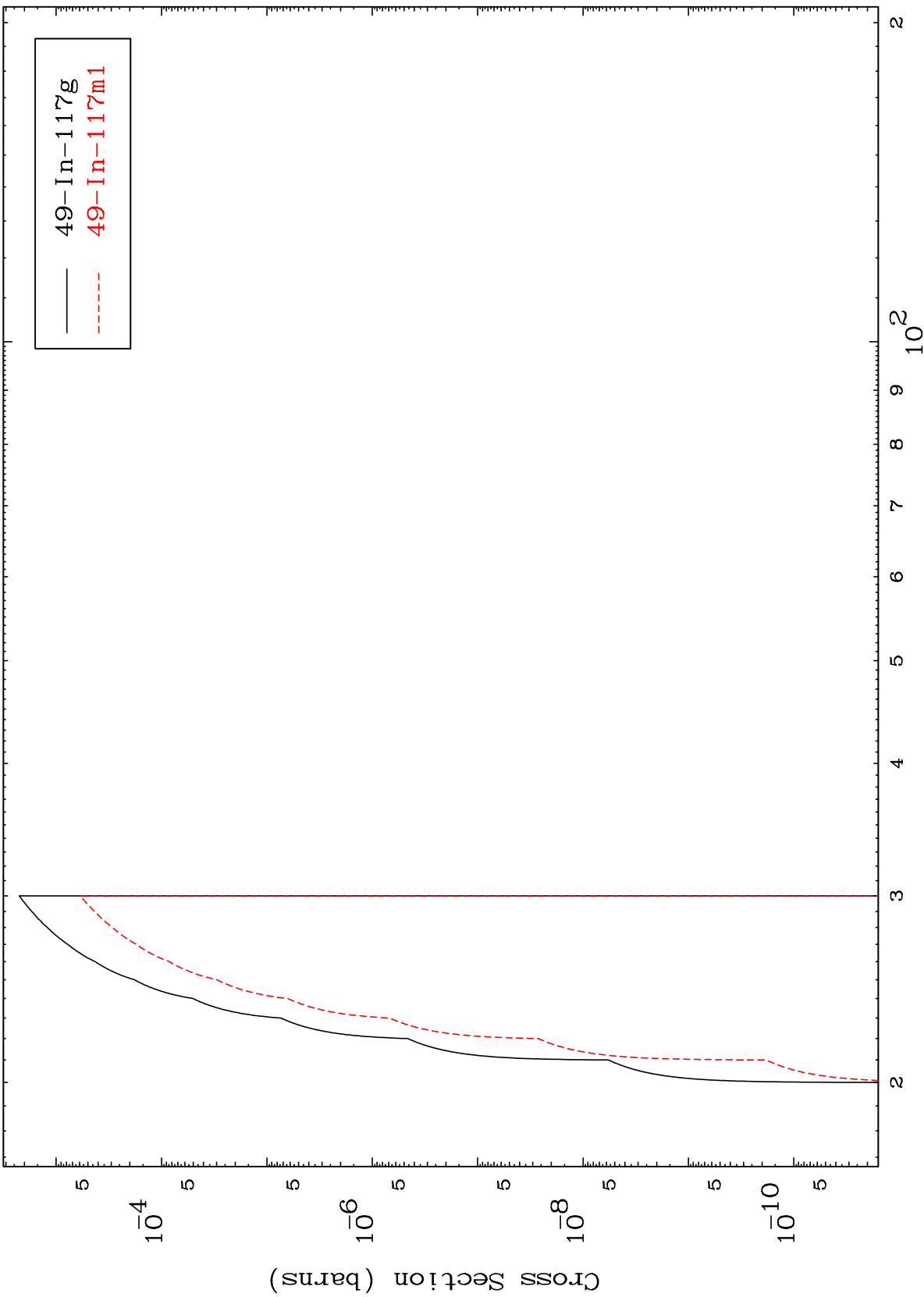
Incident Energy (MeV)

50-Sn-120

Radionuclide Production Cross Section



Radionuclide Production Cross Section

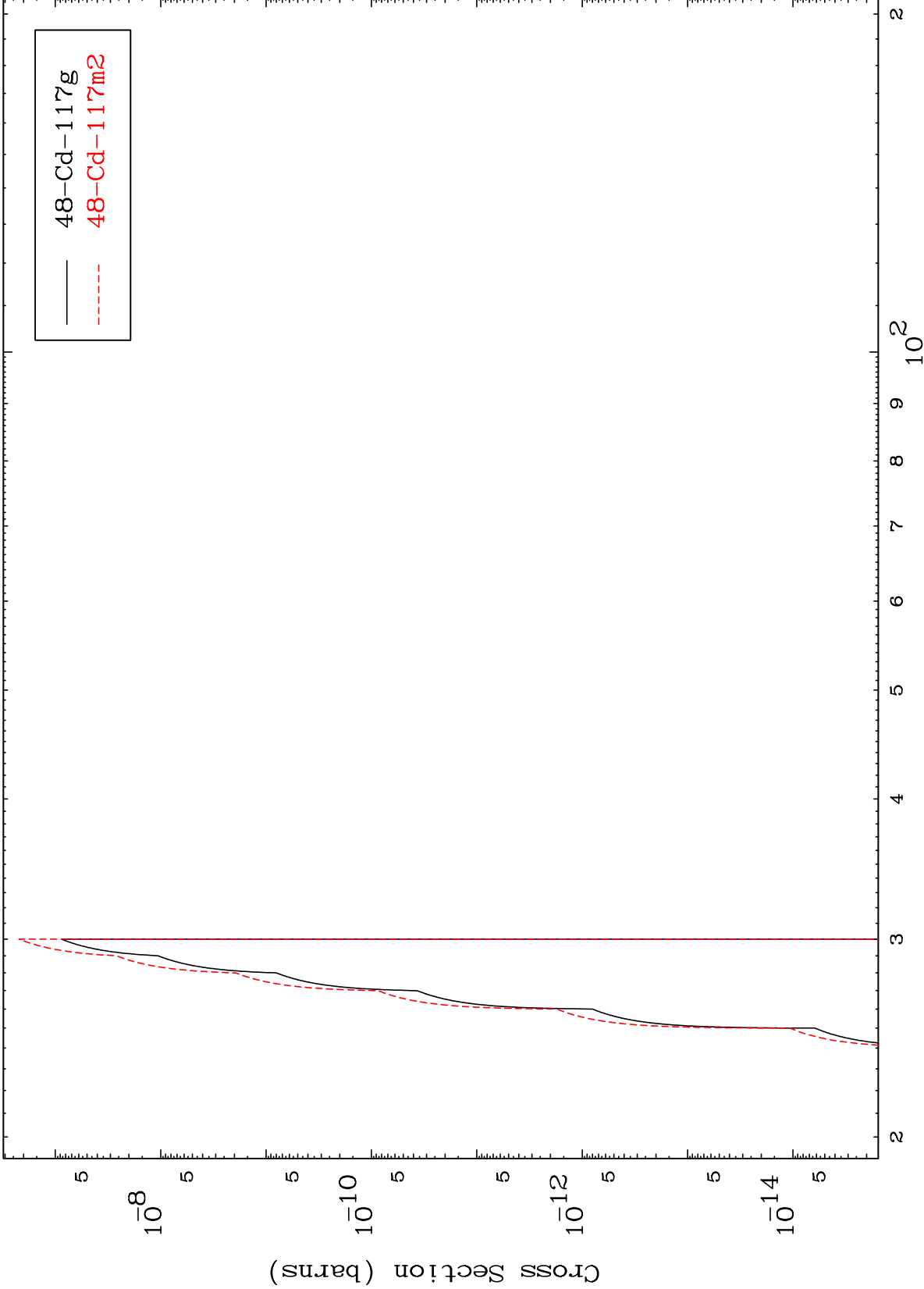


MAT 5049

(n,n') He-3

50-Sn-120

Radionuclide Production Cross Section



48-Cd-117g
48-Cd-117m2

100

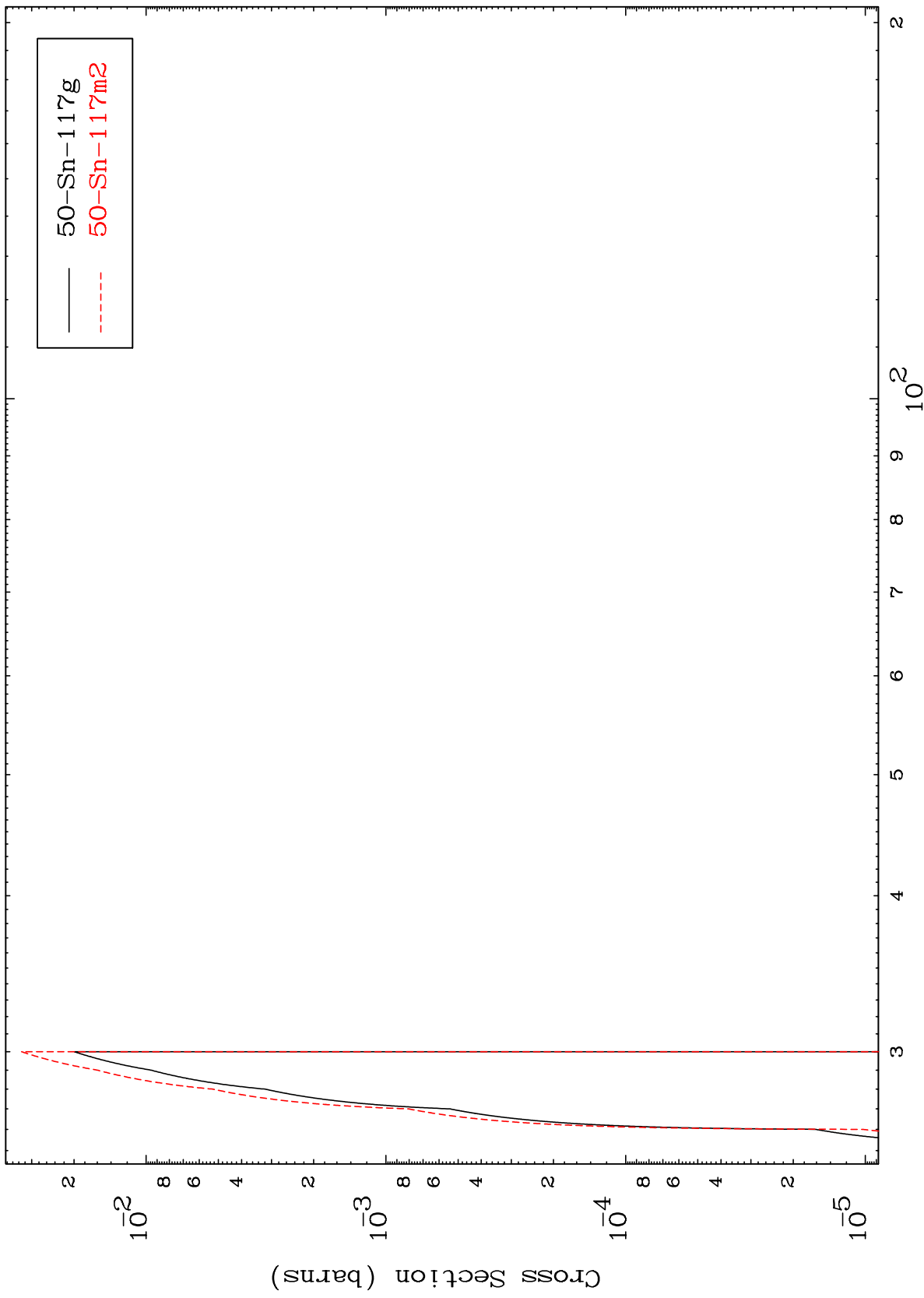
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

(n,4n)
Radionuclide Production Cross Section



101

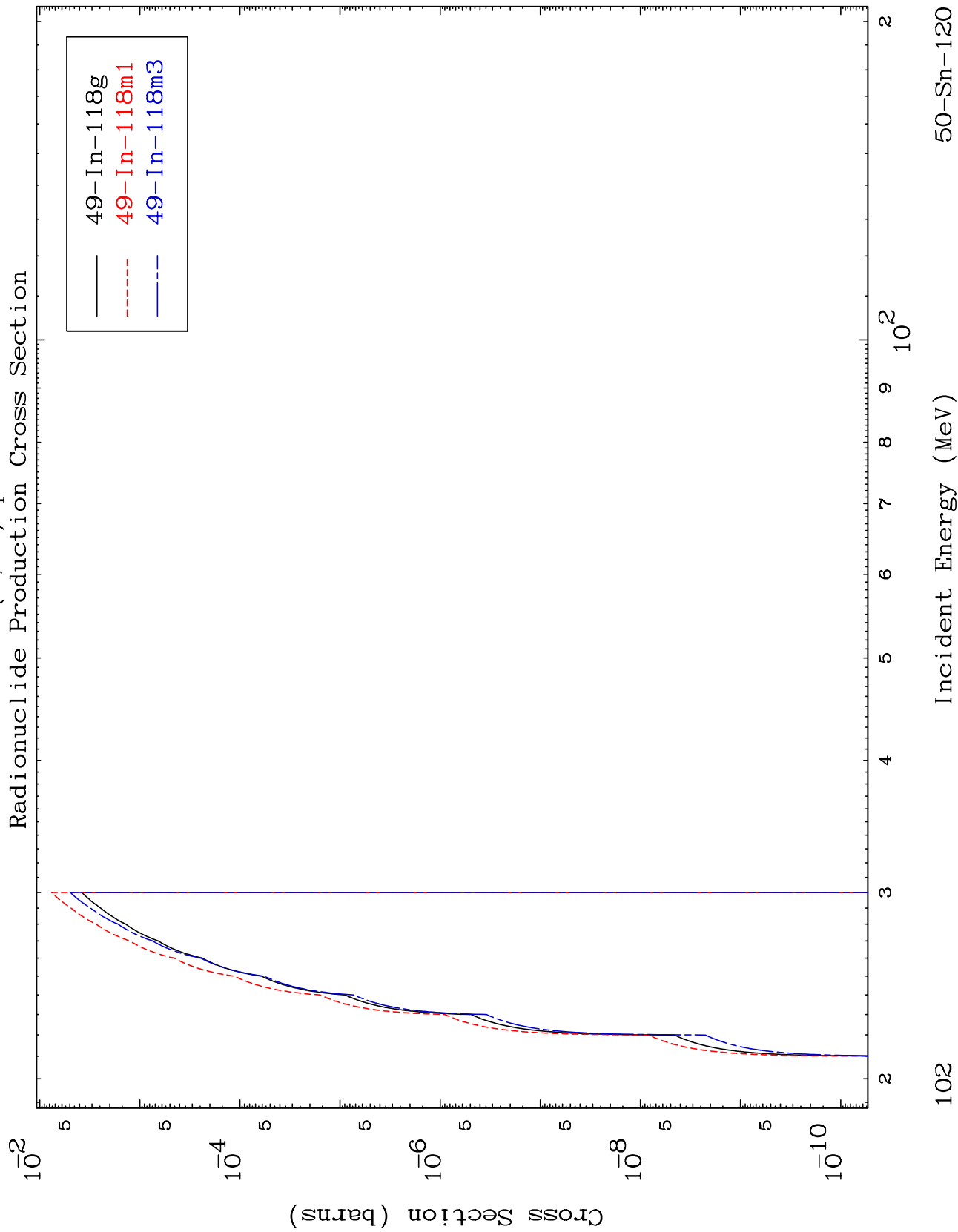
50-Sn-120

Incident Energy (MeV)

MAT 5049

(n,2n) p

50-Sn-120

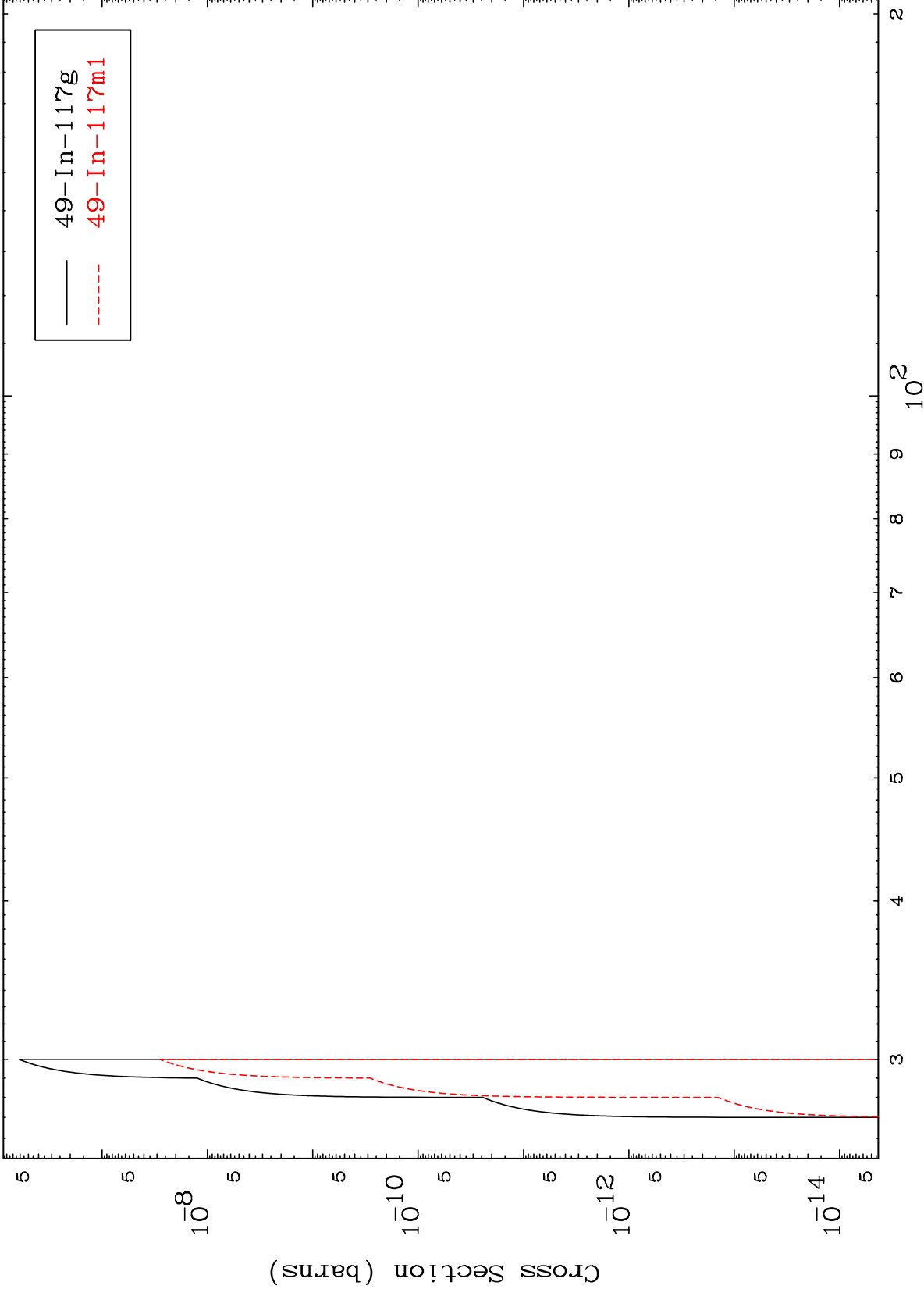


102

Incident Energy (MeV)

50-Sn-120

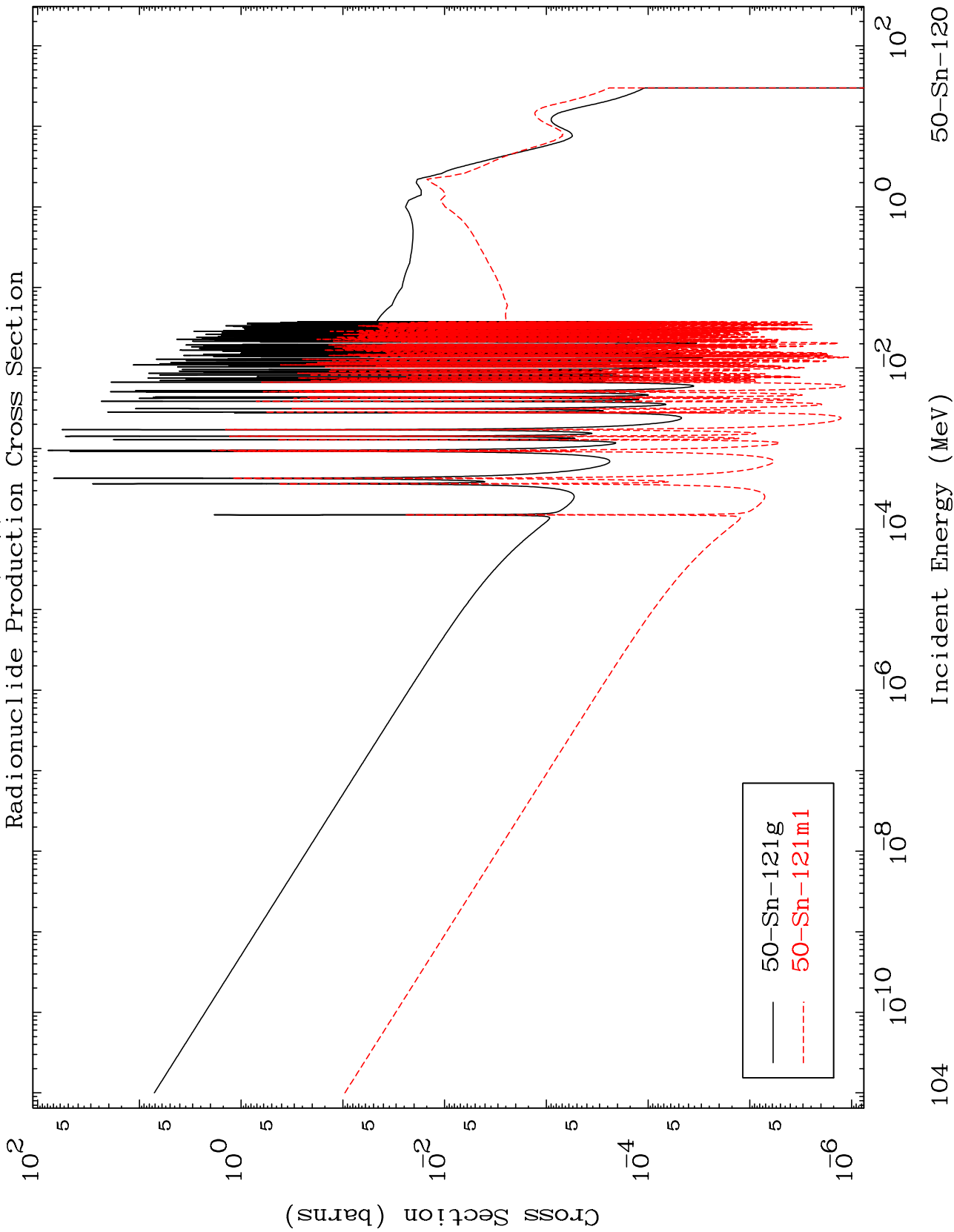
Radionuclide Production Cross Section



MAT 5049

50-Sn-120

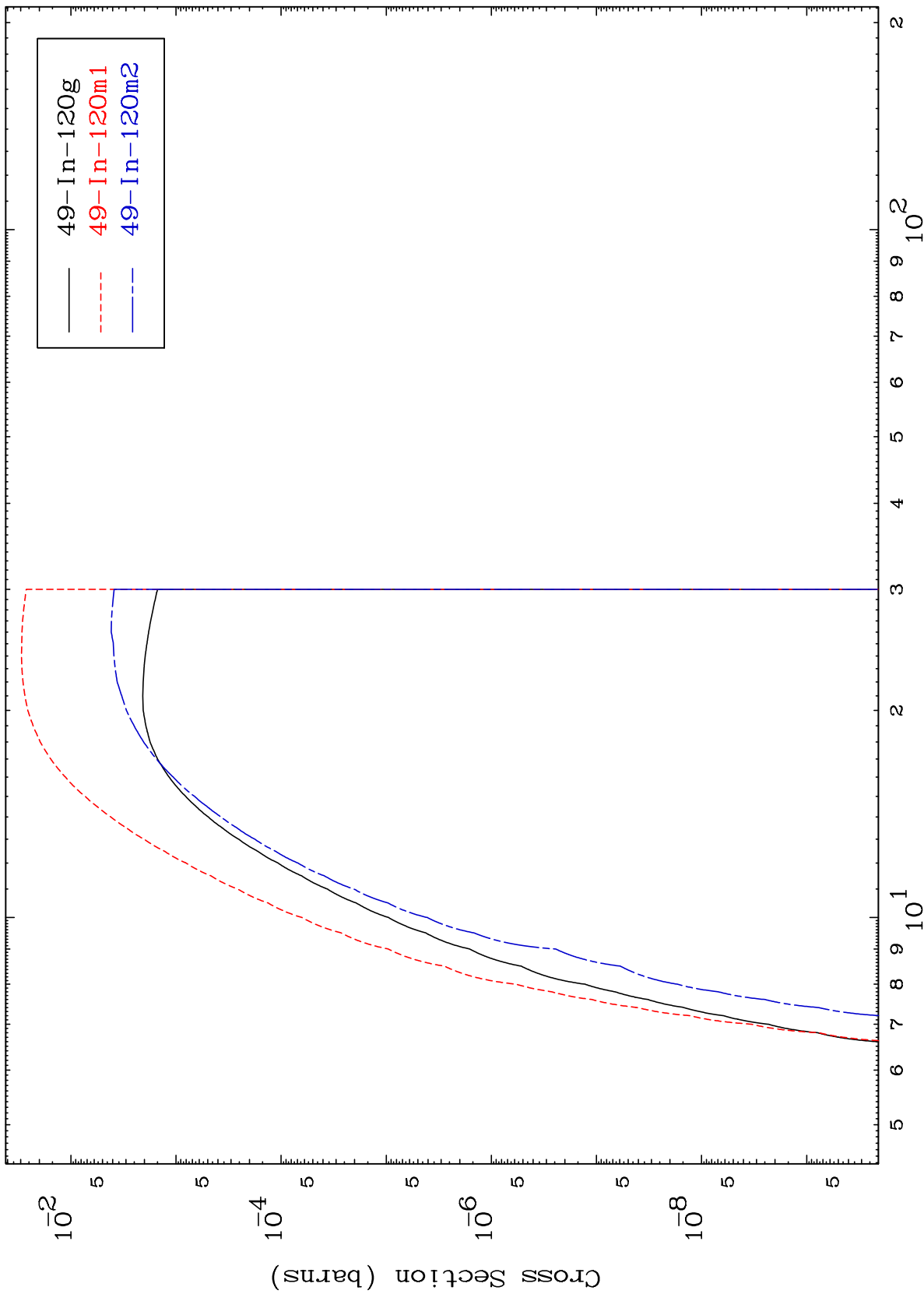
Radionuclide Production Cross Section
(n, γ)



MAT 5049

50-Sn-120

(n,p)
Radionuclide Production Cross Section



105

Incident Energy (MeV)

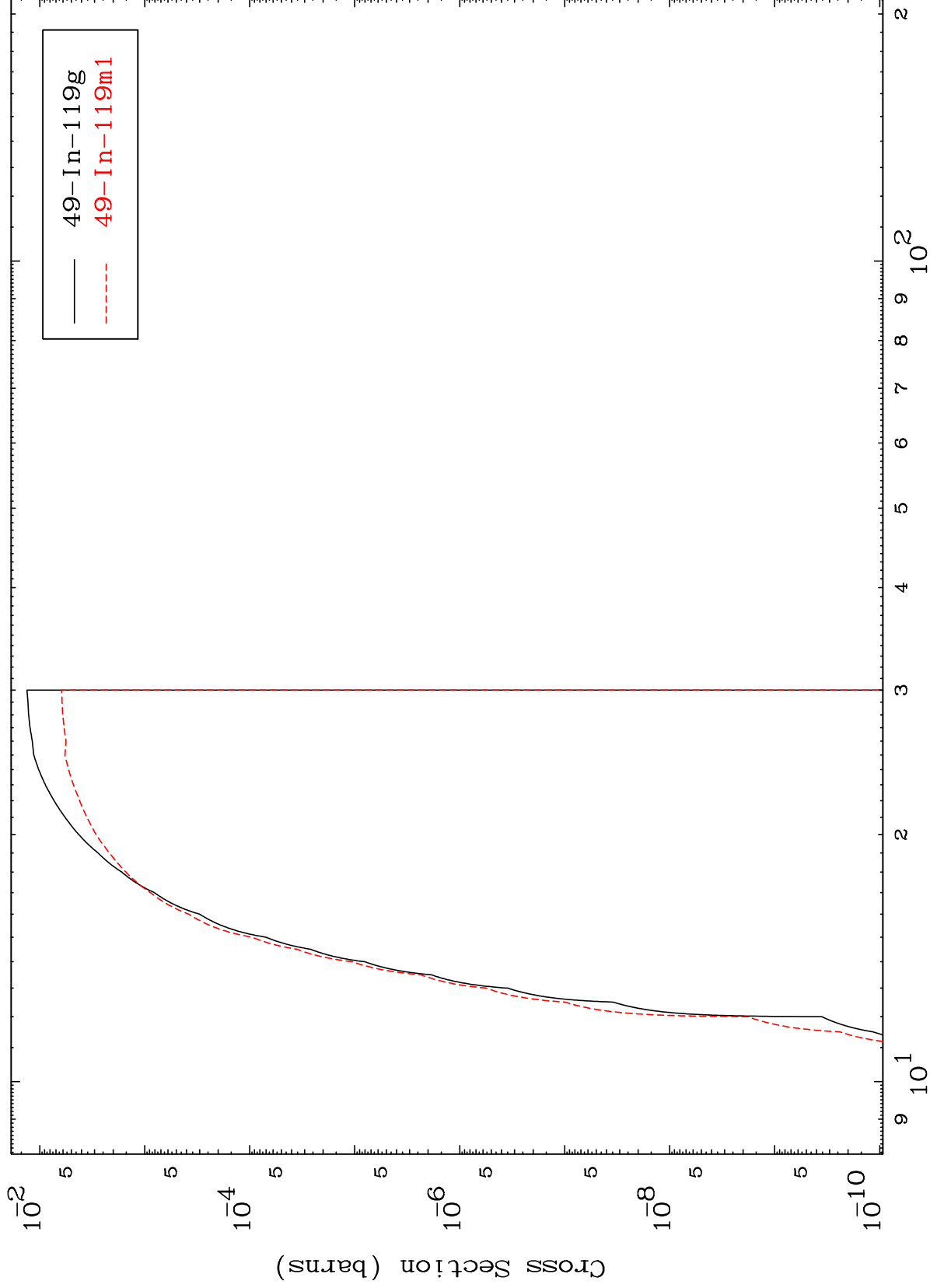
50-Sn-120

MAT 5049

(n,d)

50-Sn-120

Radionuclide Production Cross Section



106

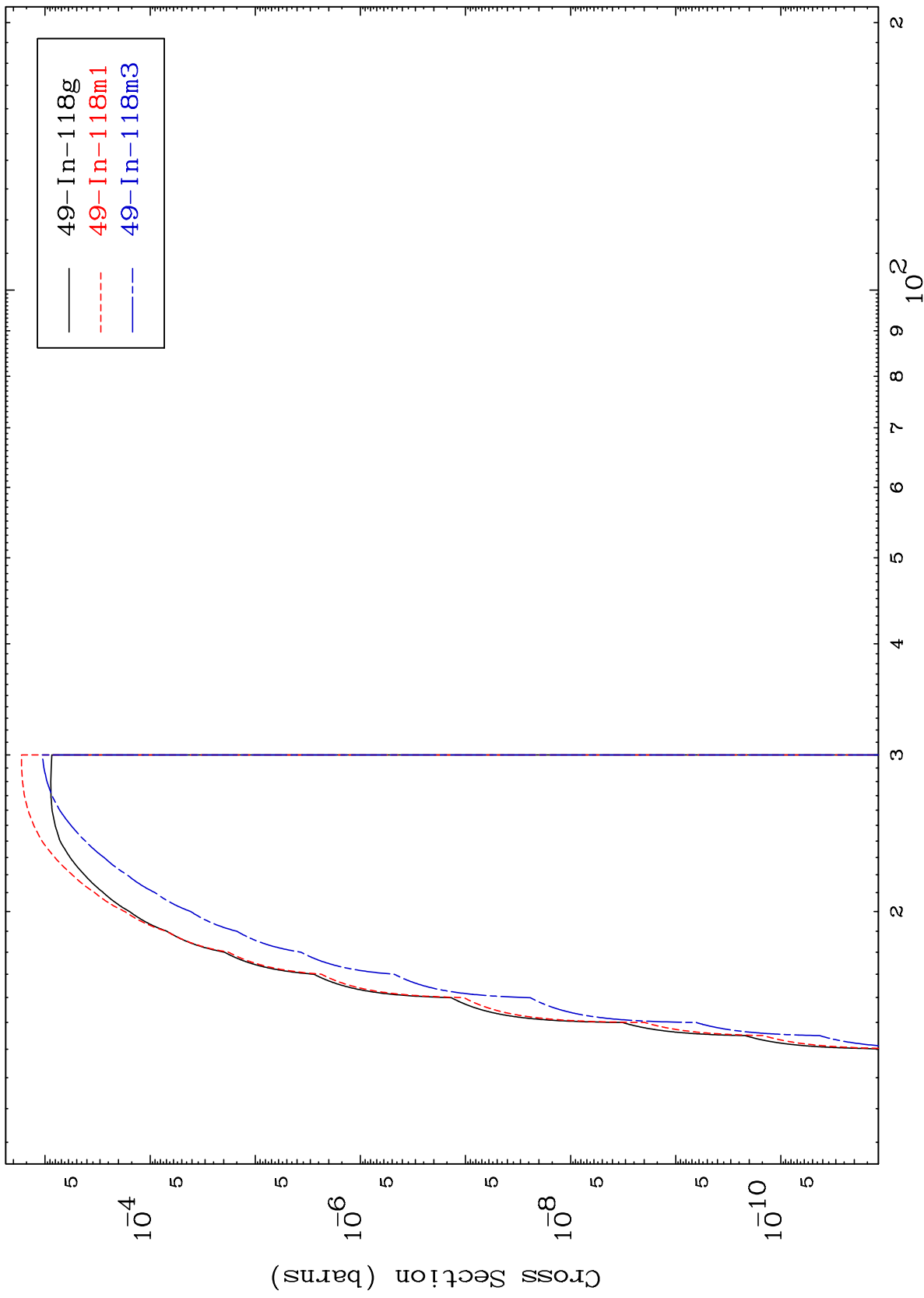
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

(n,t)
Radionuclide Production Cross Section



107

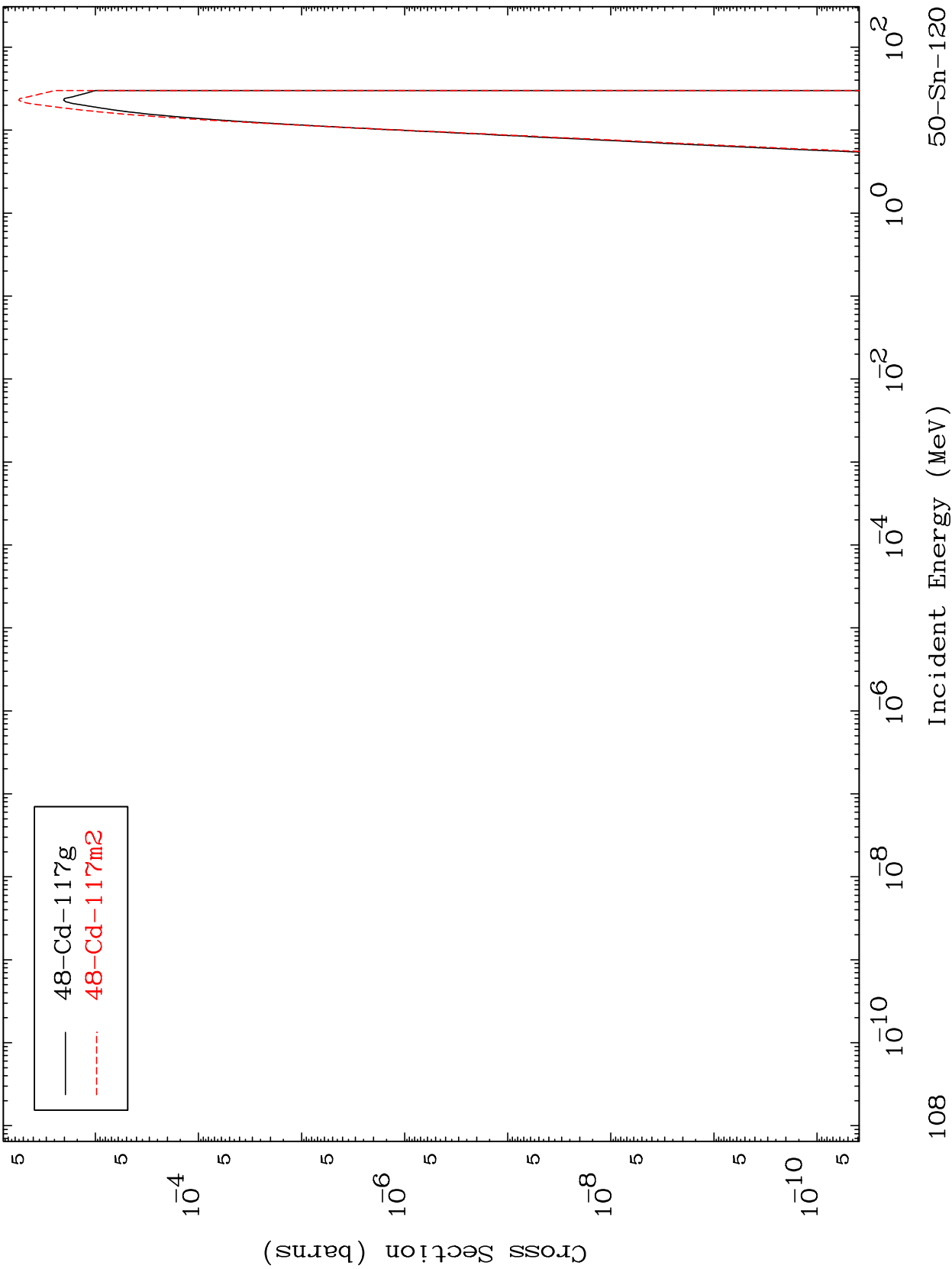
50-Sn-120

Incident Energy (MeV)

MAT 5049

50-Sn-120

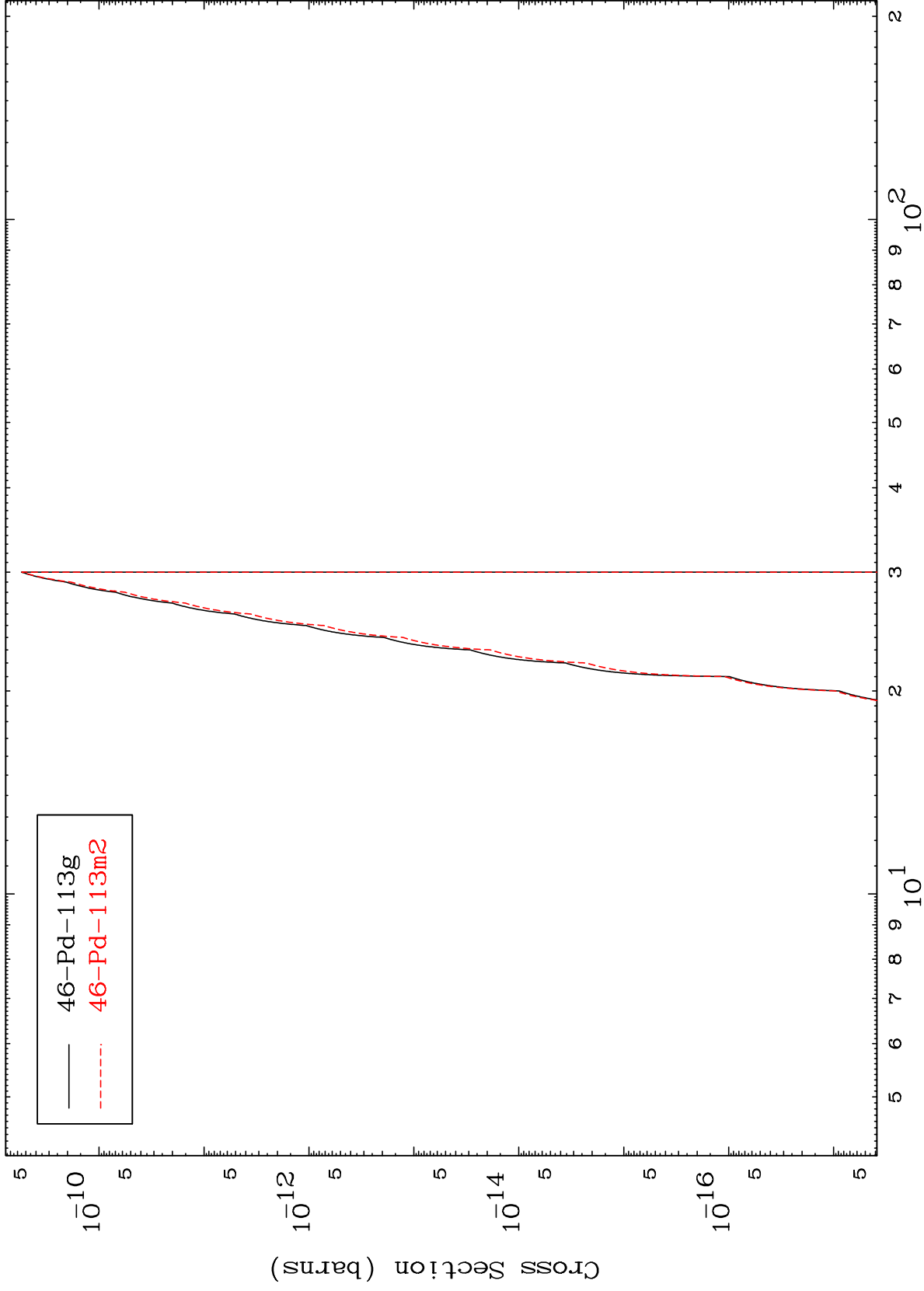
Radionuclide Production Cross Section
(n, α)



MAT 5049

50-Sn-120

Radionuclide Production Cross Section
(n,2 α)



109

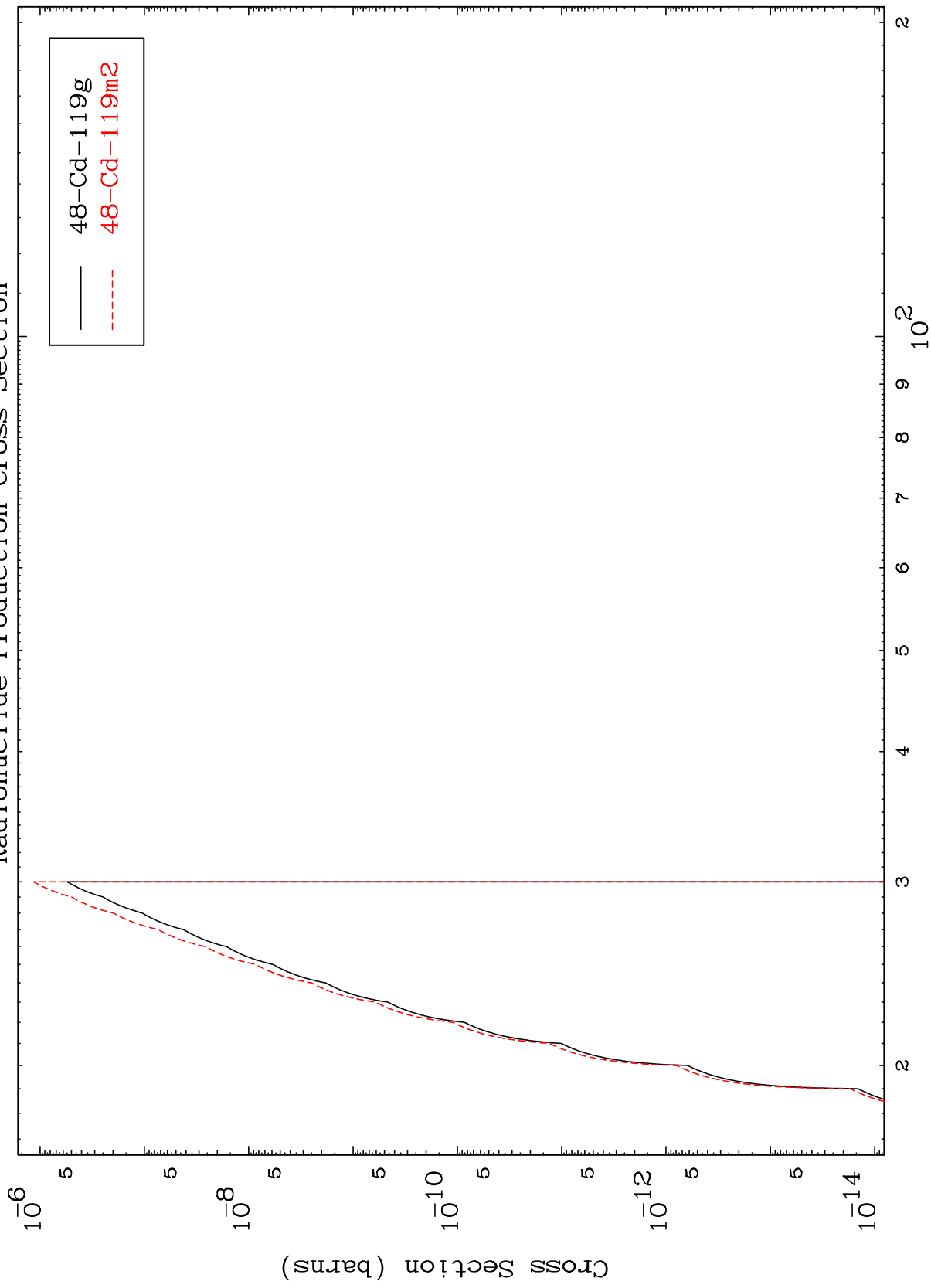
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

(n,2p)
Radionuclide Production Cross Section



110

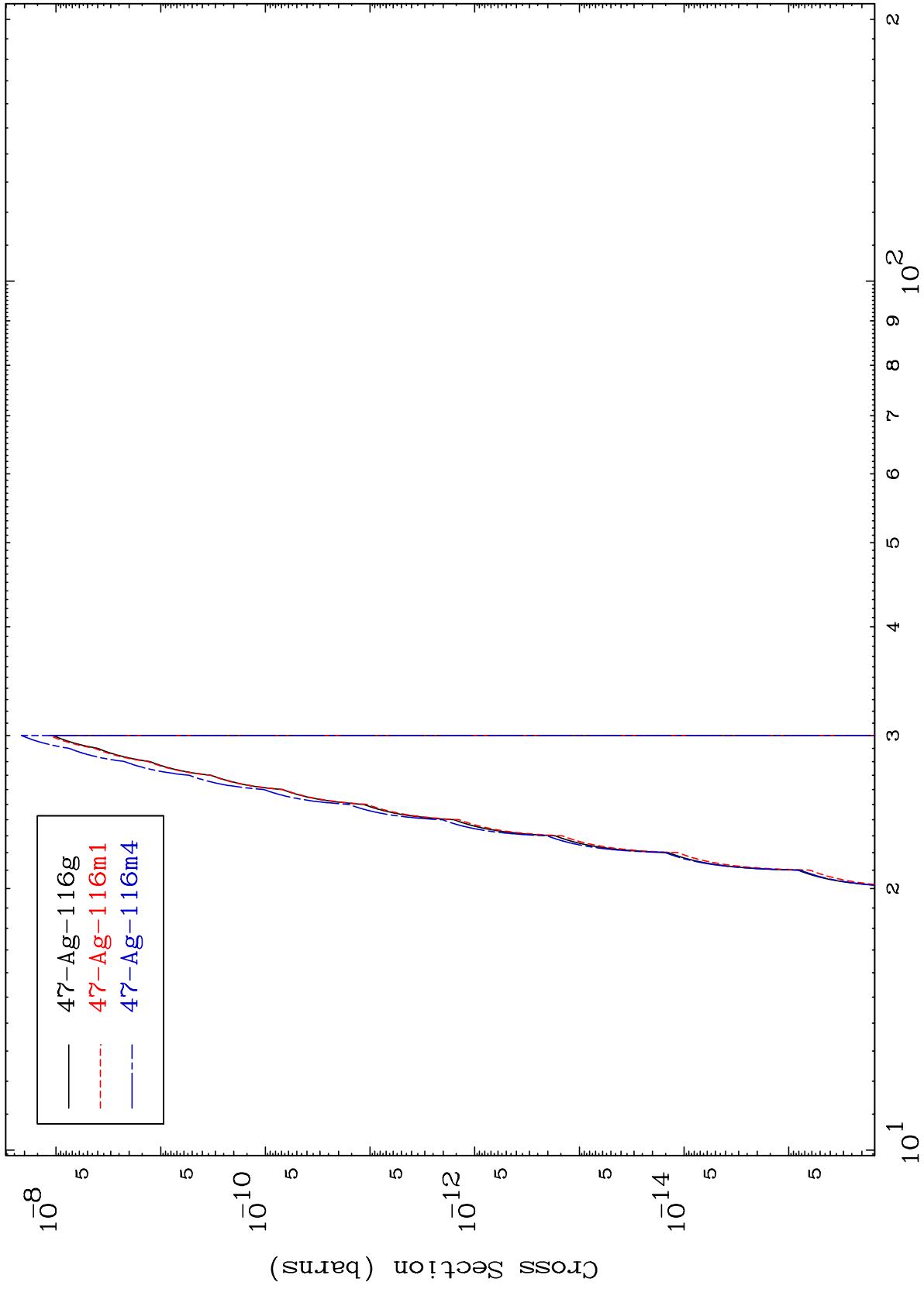
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

(n,p) α
Radionuclide Production Cross Section



50-Sn-120

Incident Energy (MeV)

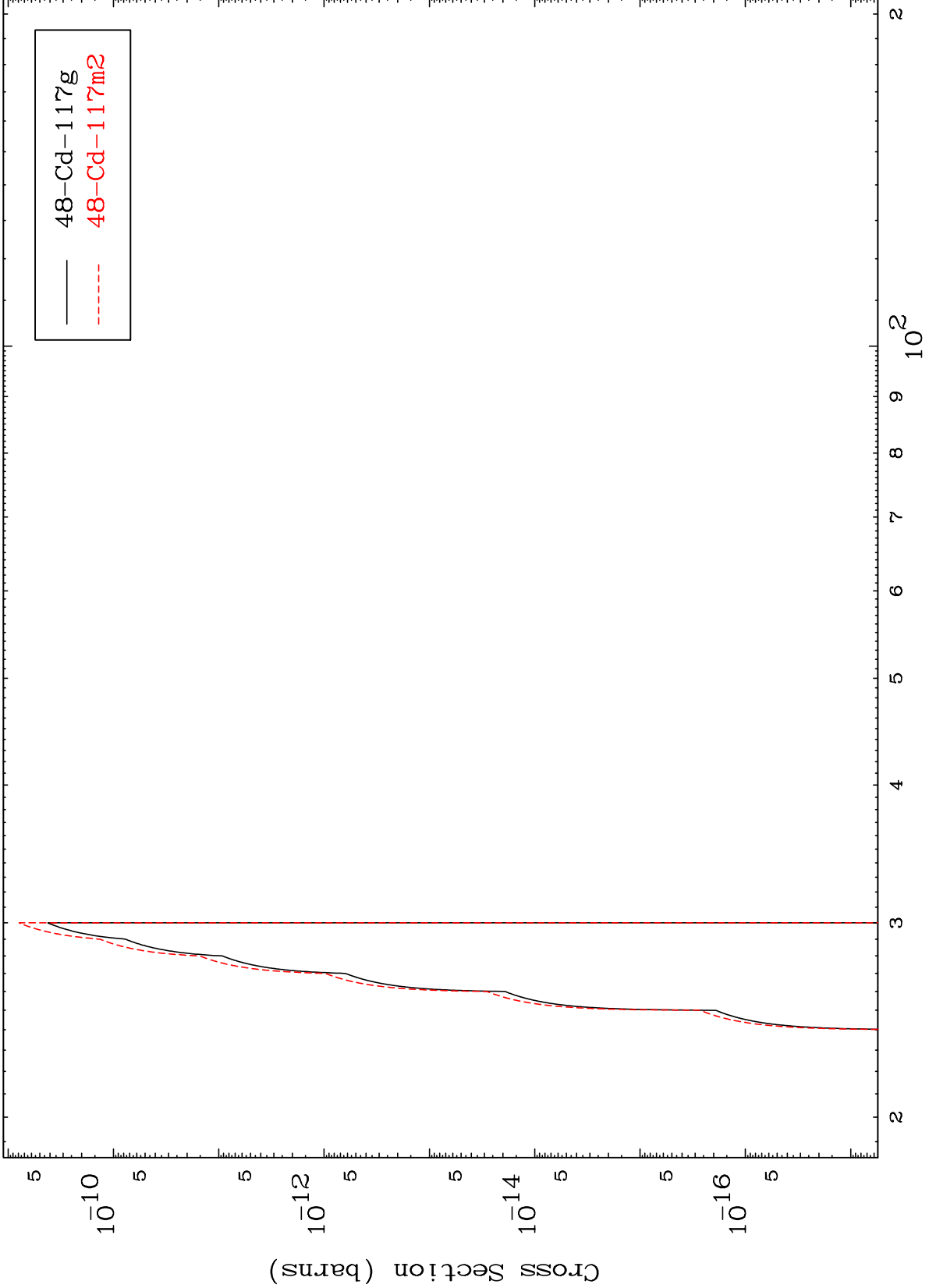
111

MAT 5049

(n,p) t

50-Sn-120

Radionuclide Production Cross Section



112

Incident Energy (MeV)

50-Sn-120