

Program EVALPLOT
(Version 2015-2)

by

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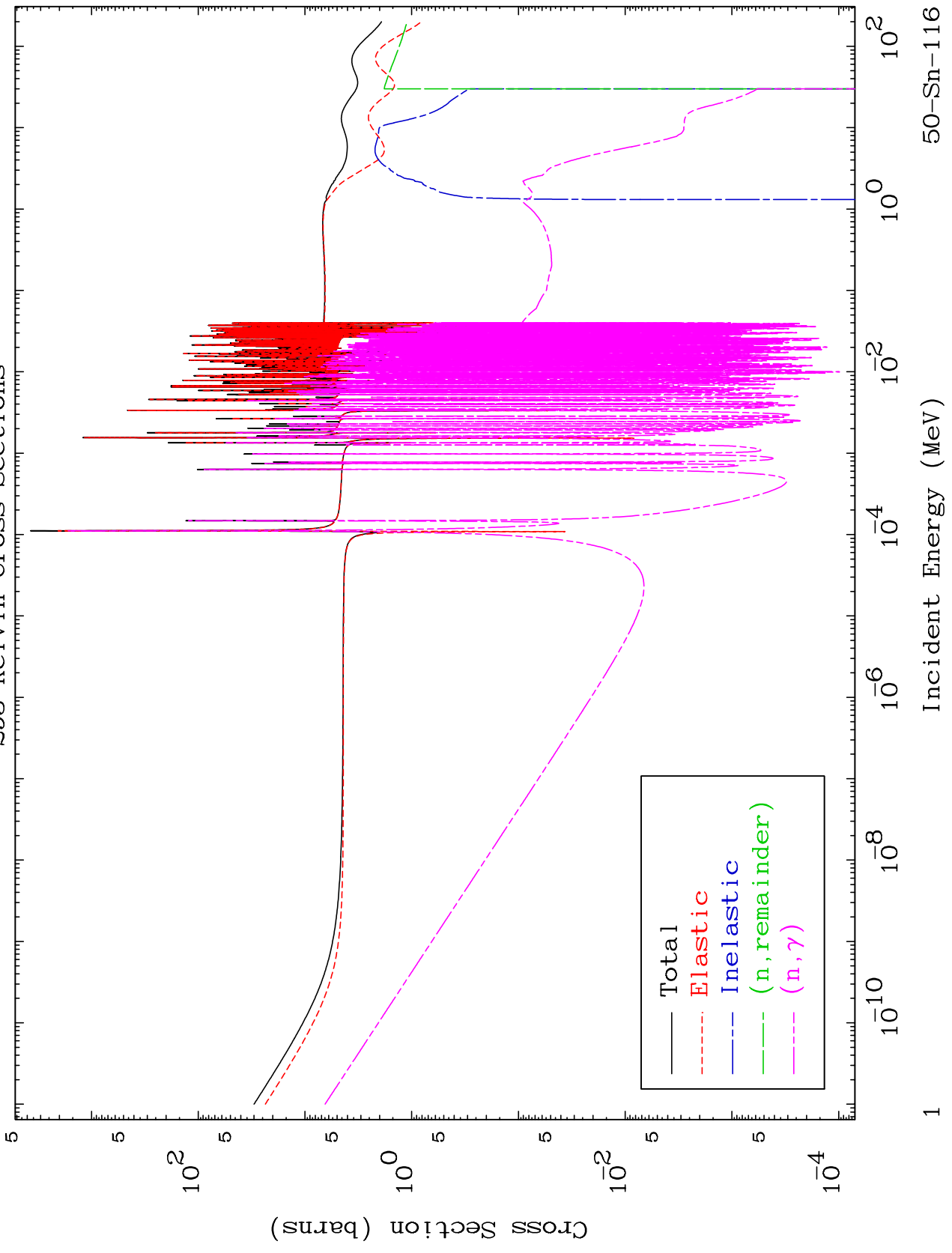
Press Mouse Button to Start

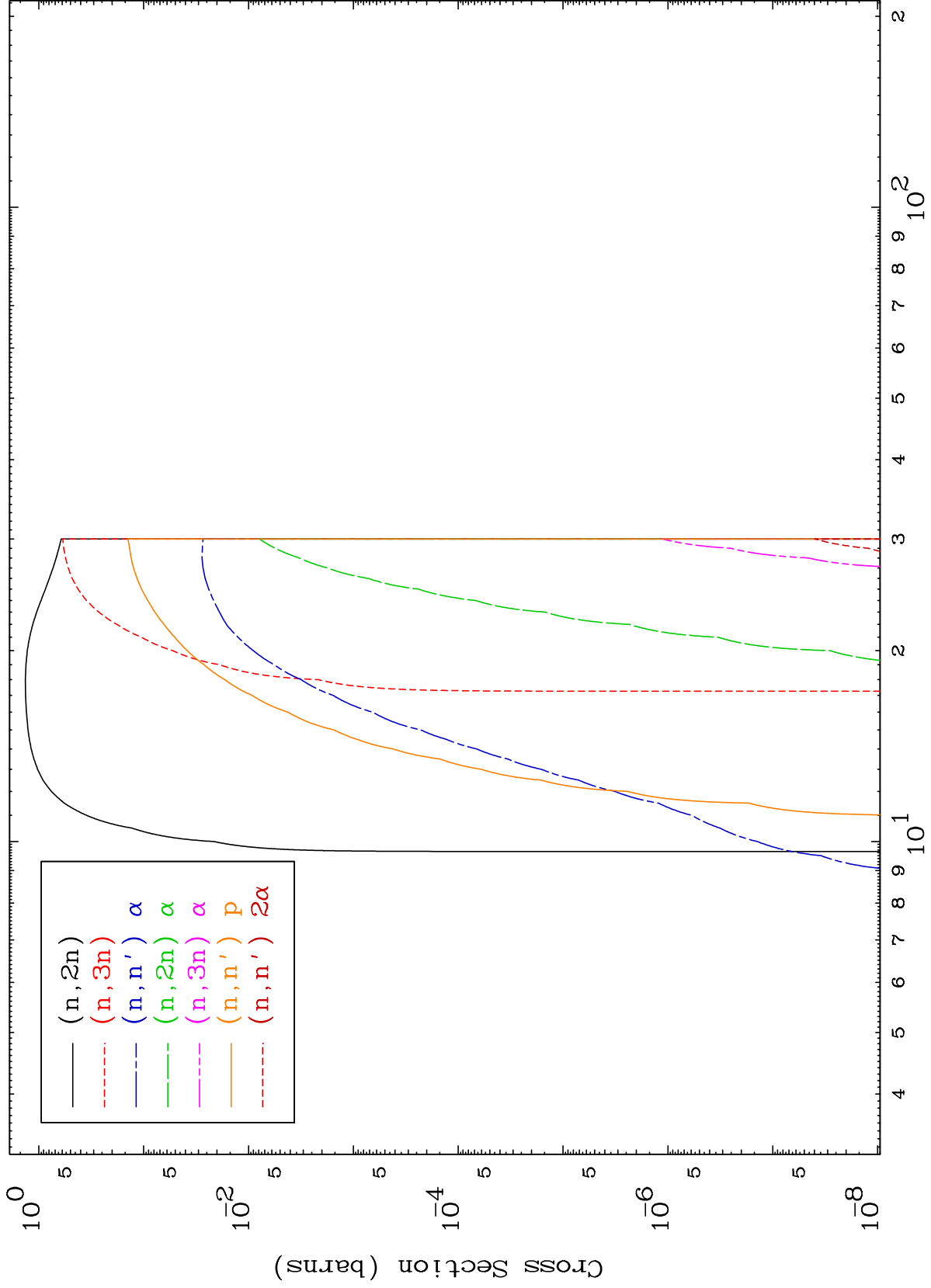
MAT 5037

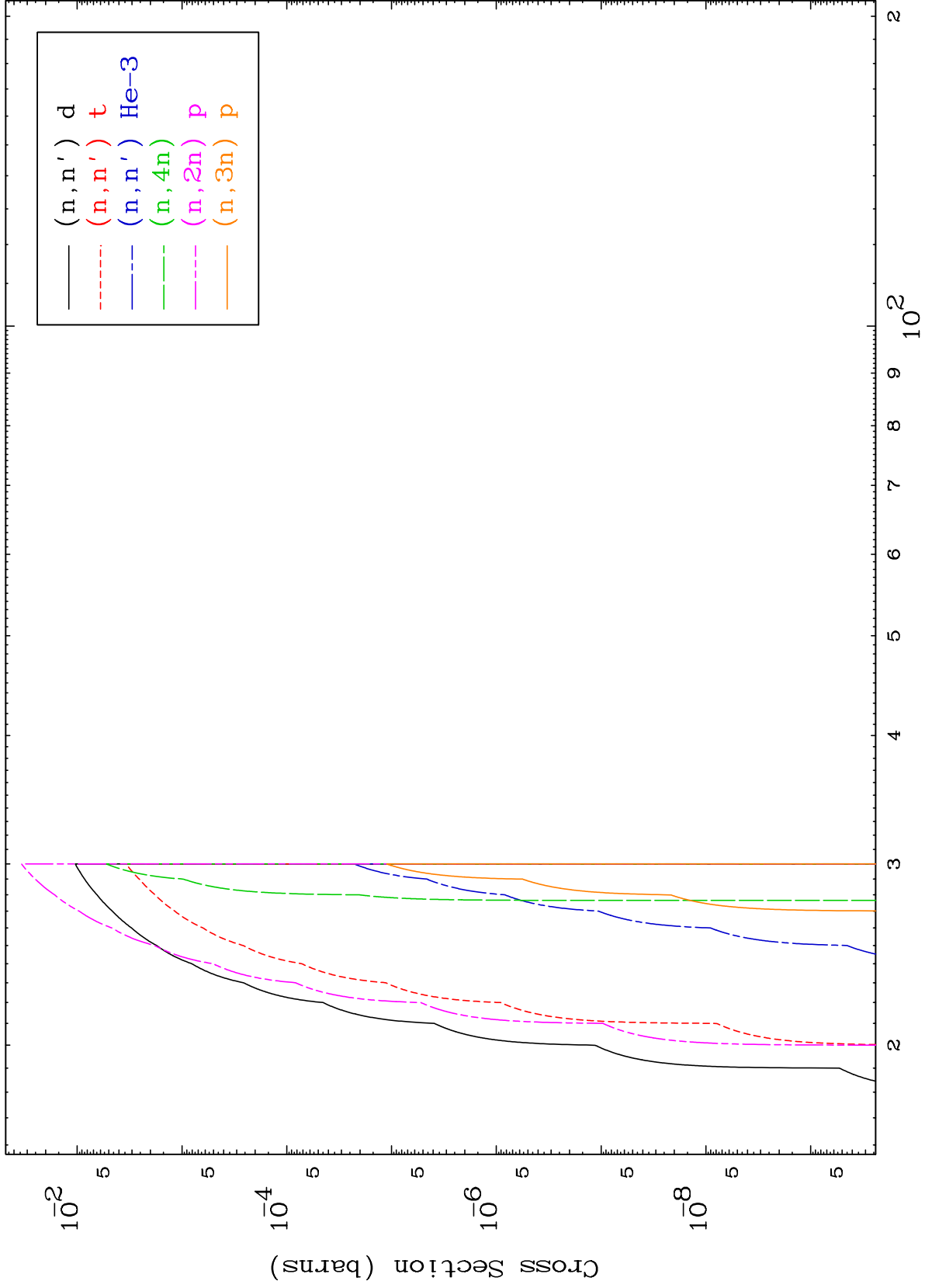
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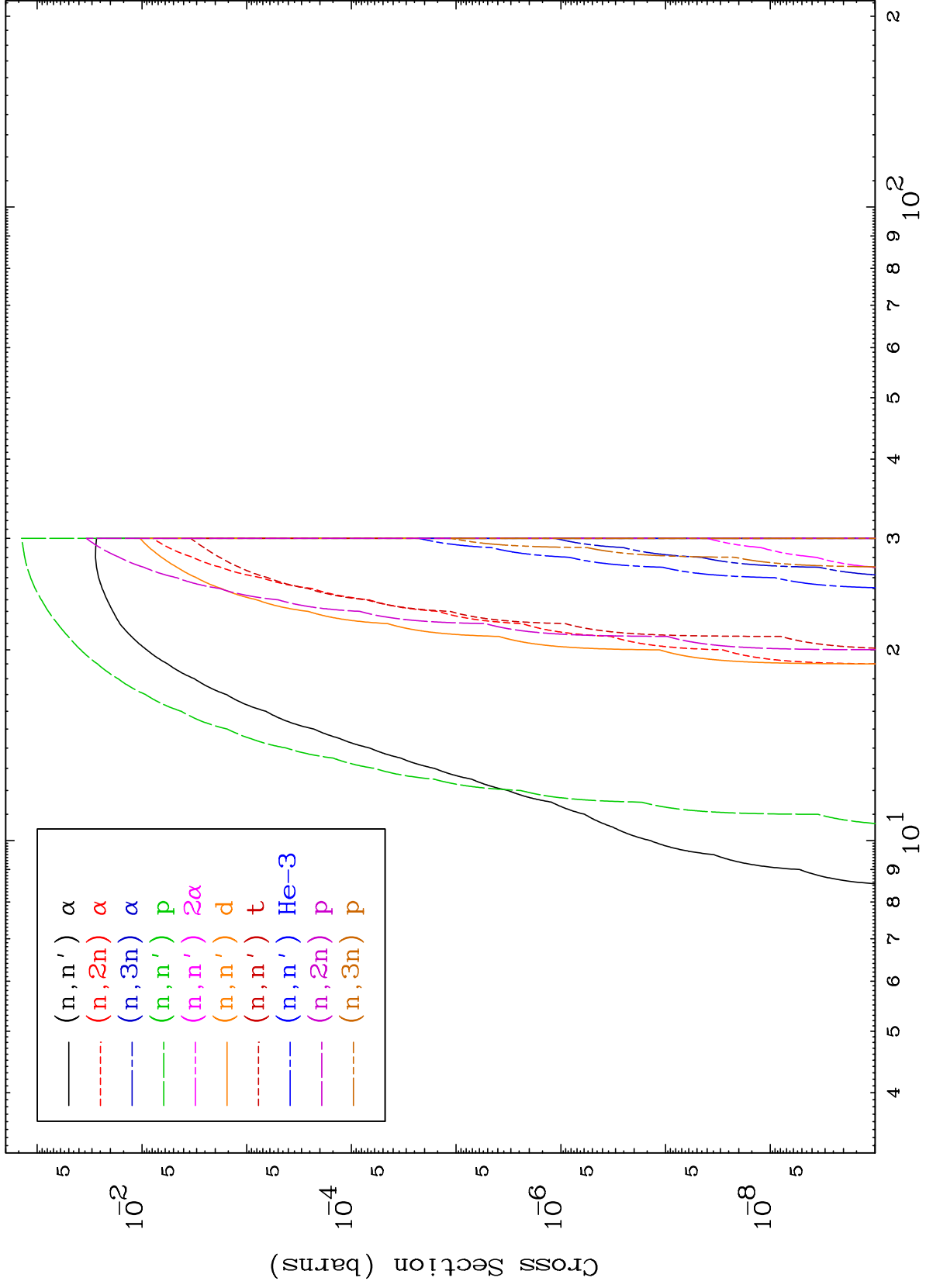
293 Kelvin Cross Sections

50-Sn-116





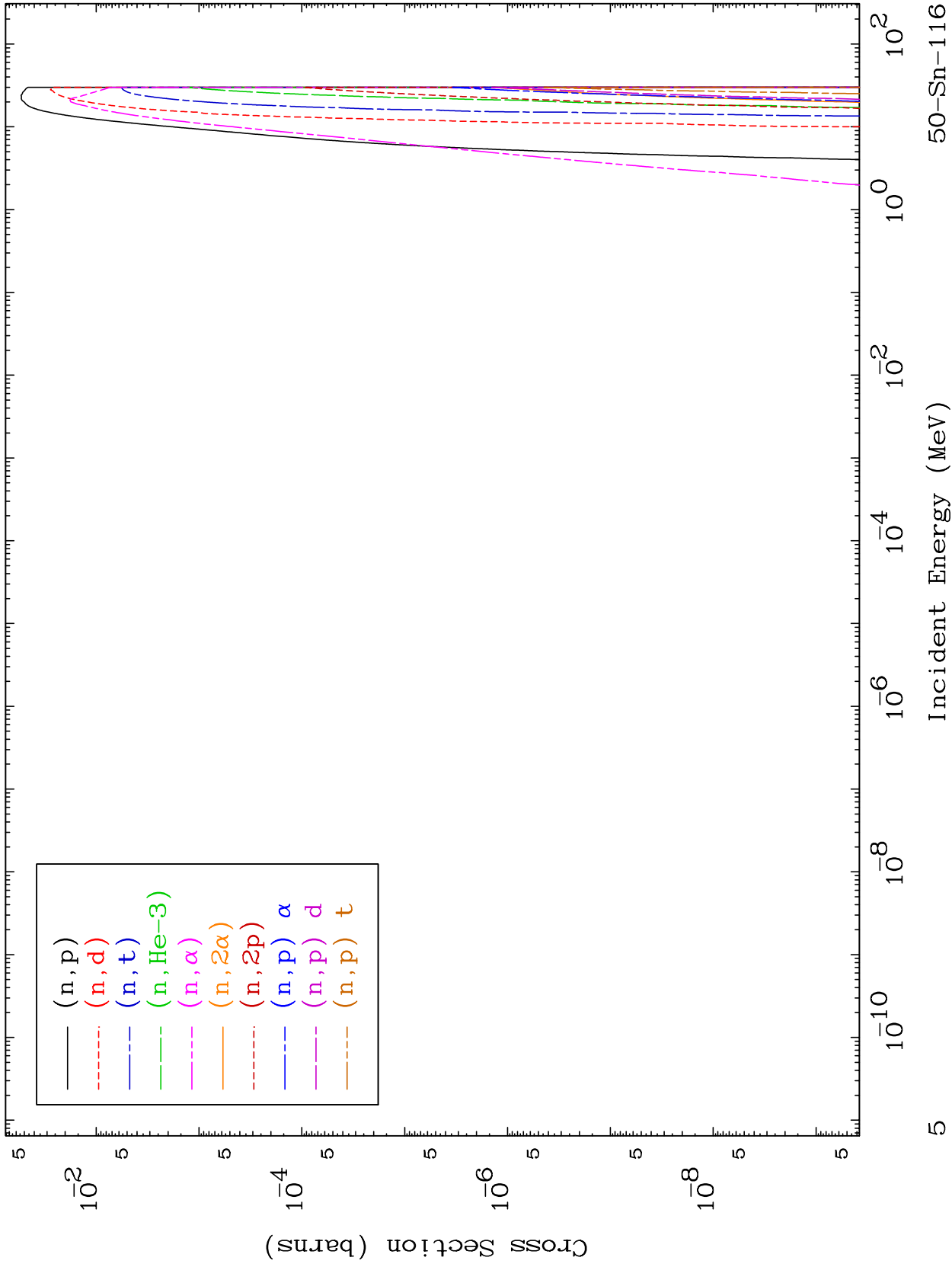




MAT 5037

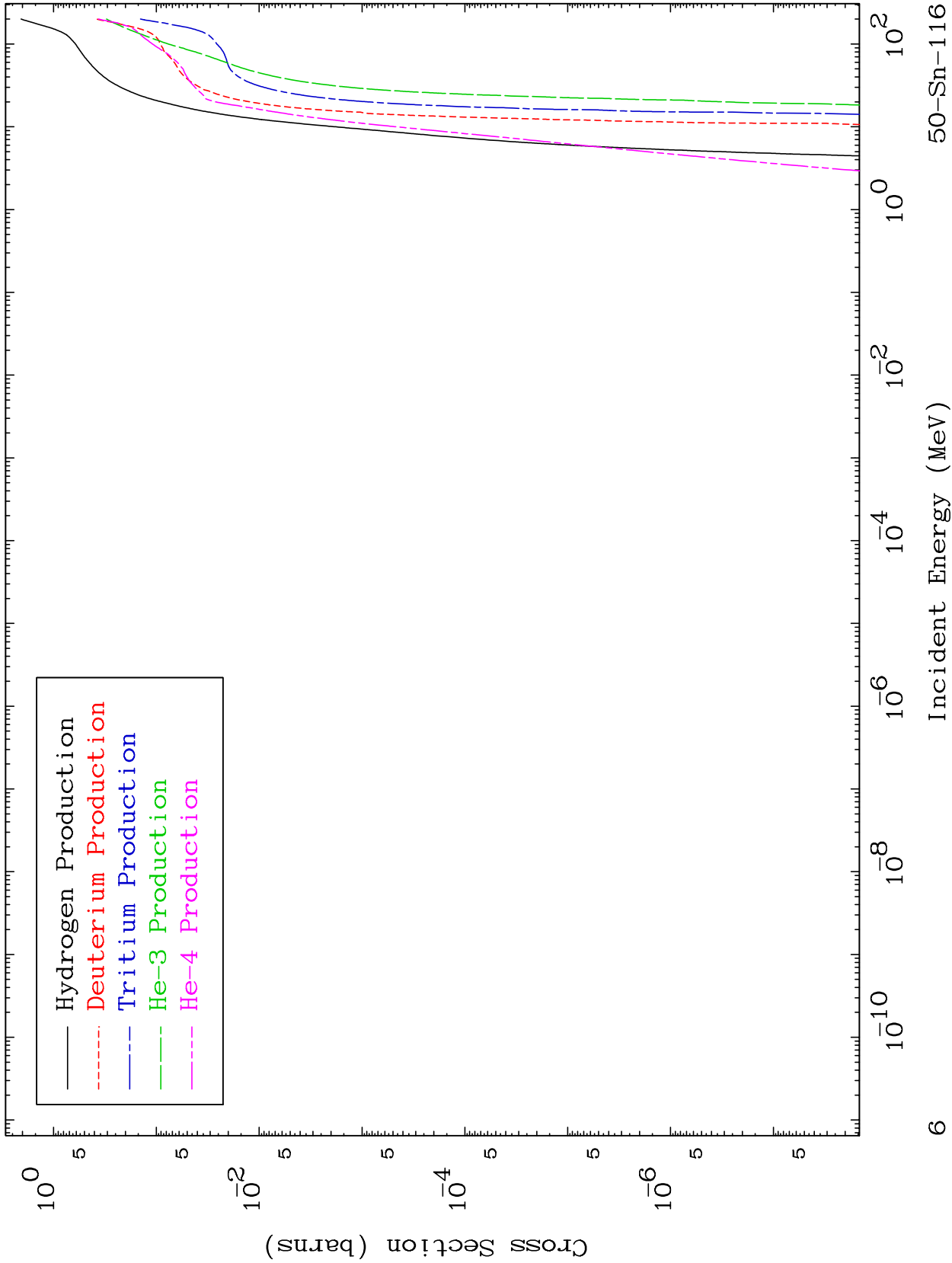
Charged Particle
293 Kelvin Cross Sections

50-Sn-116



5

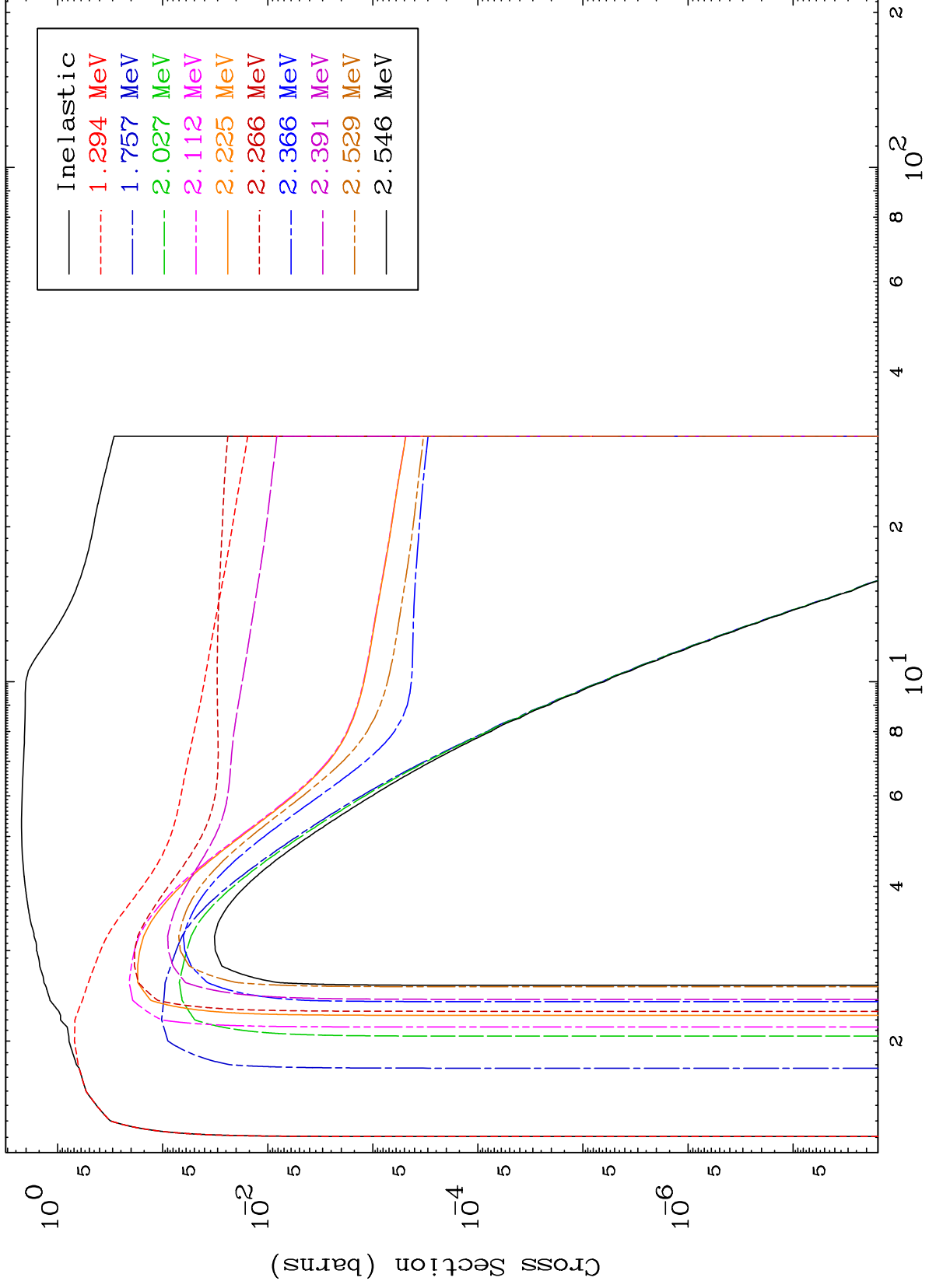
50-Sn-116



MAT 5037

(n,n') Level
293 Kelvin Cross Sections

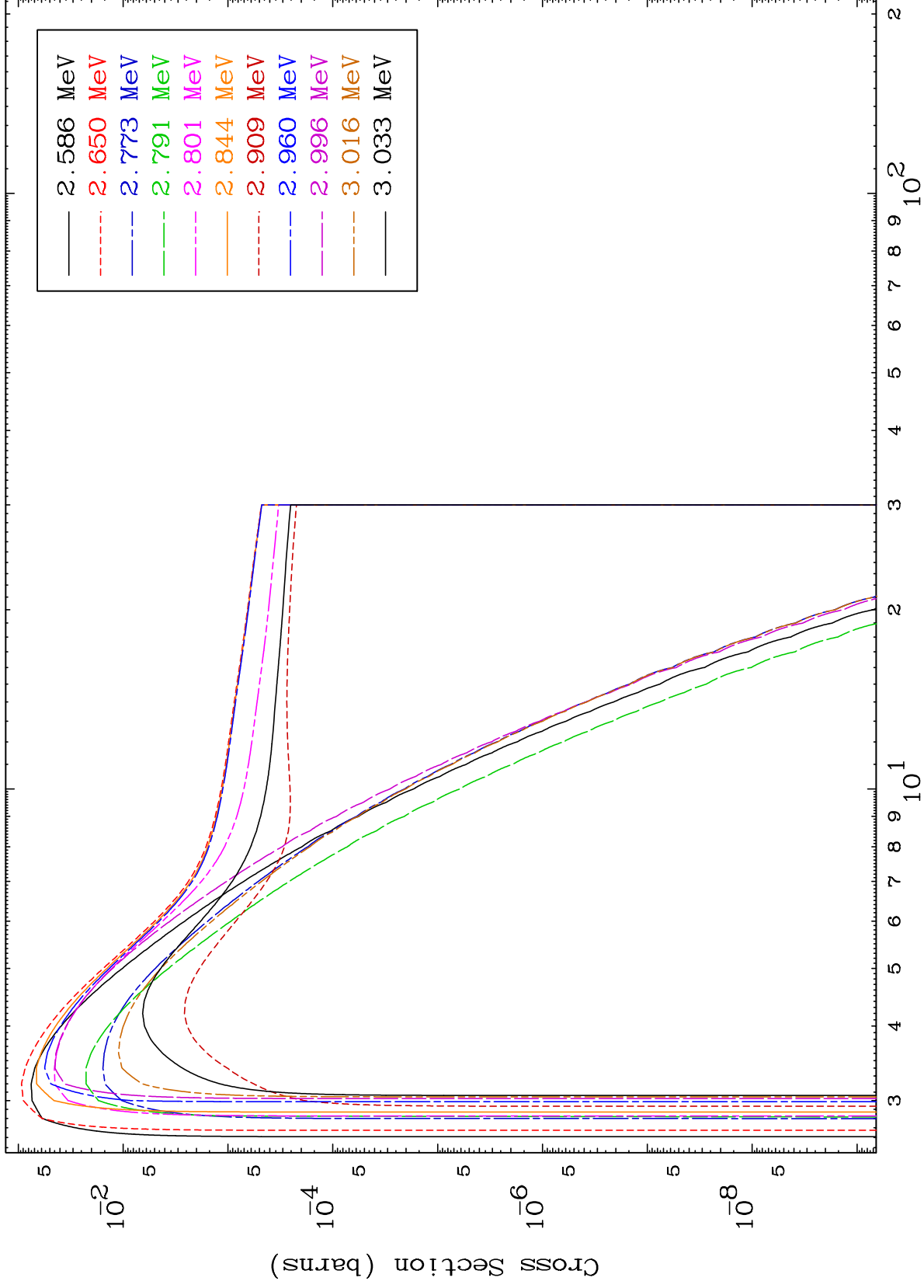
50-Sn-116



MAT 5037

(n,n') Level
293 Kelvin Cross Sections

50-Sn-116



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Incident Energy (MeV)

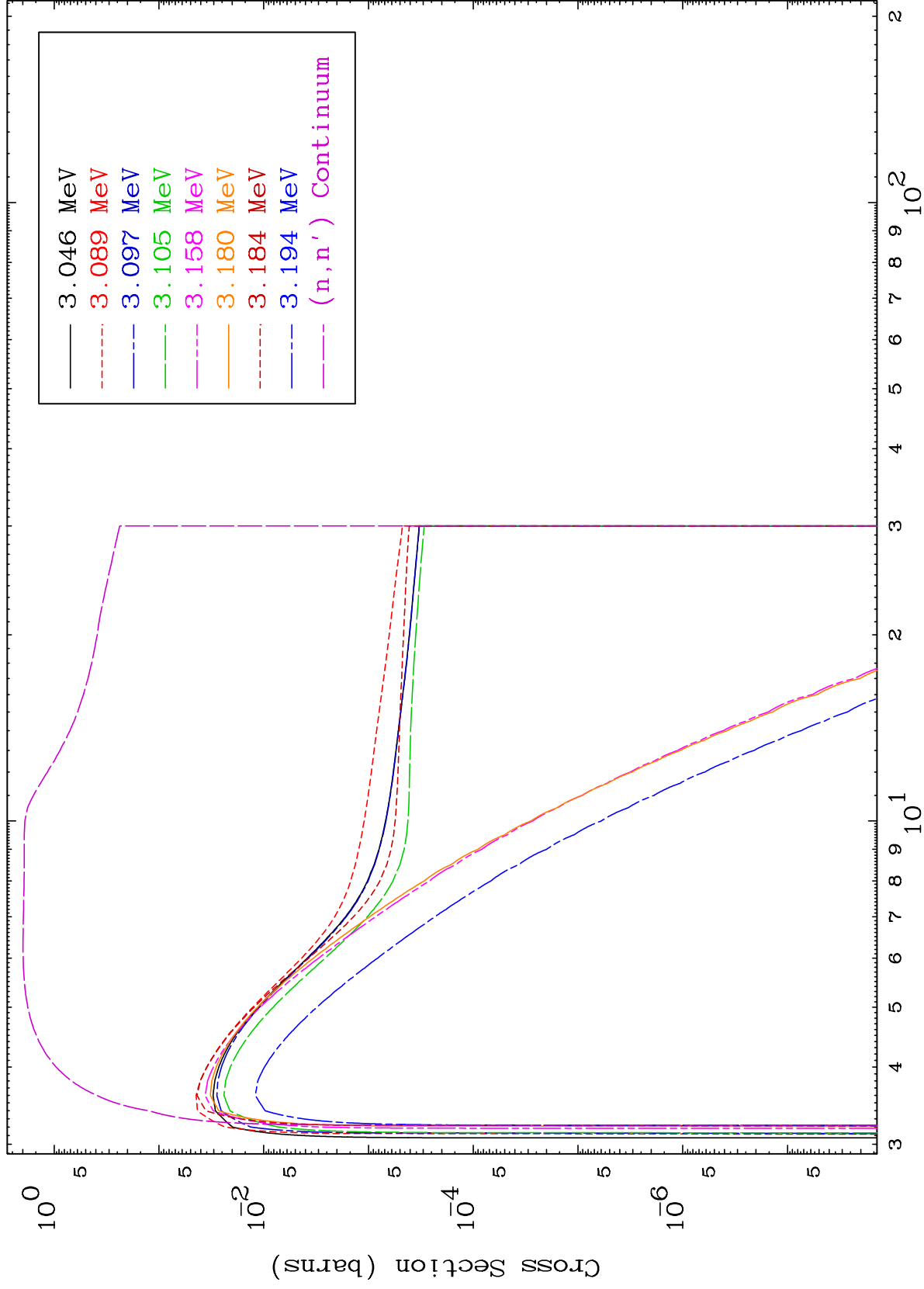
50-Sn-116

MAT 5037

(n,n') Level

293 Kelvin Cross Sections

50-Sn-116



9

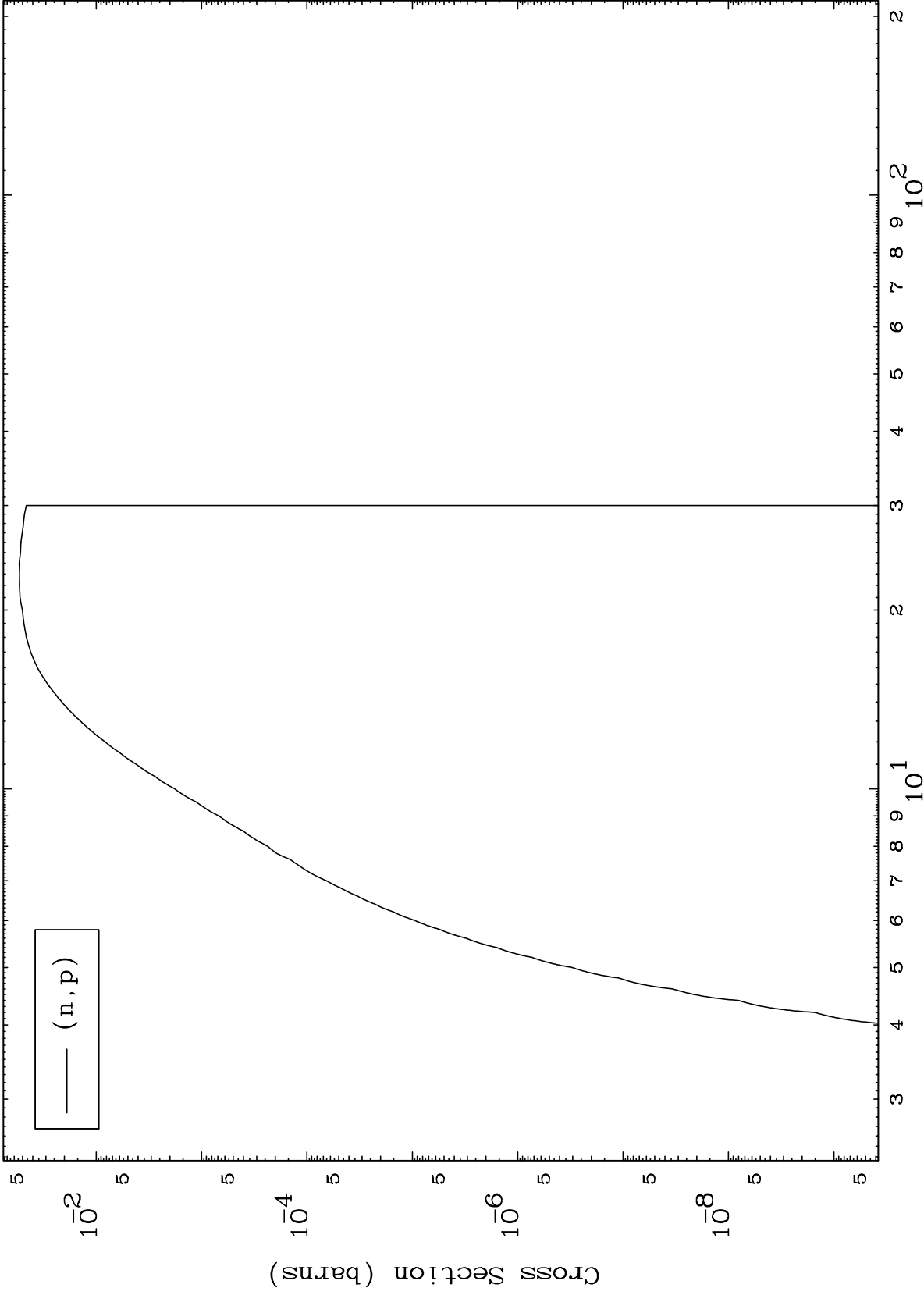
Incident Energy (MeV)

50-Sn-116

MAT 5037

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-116



10

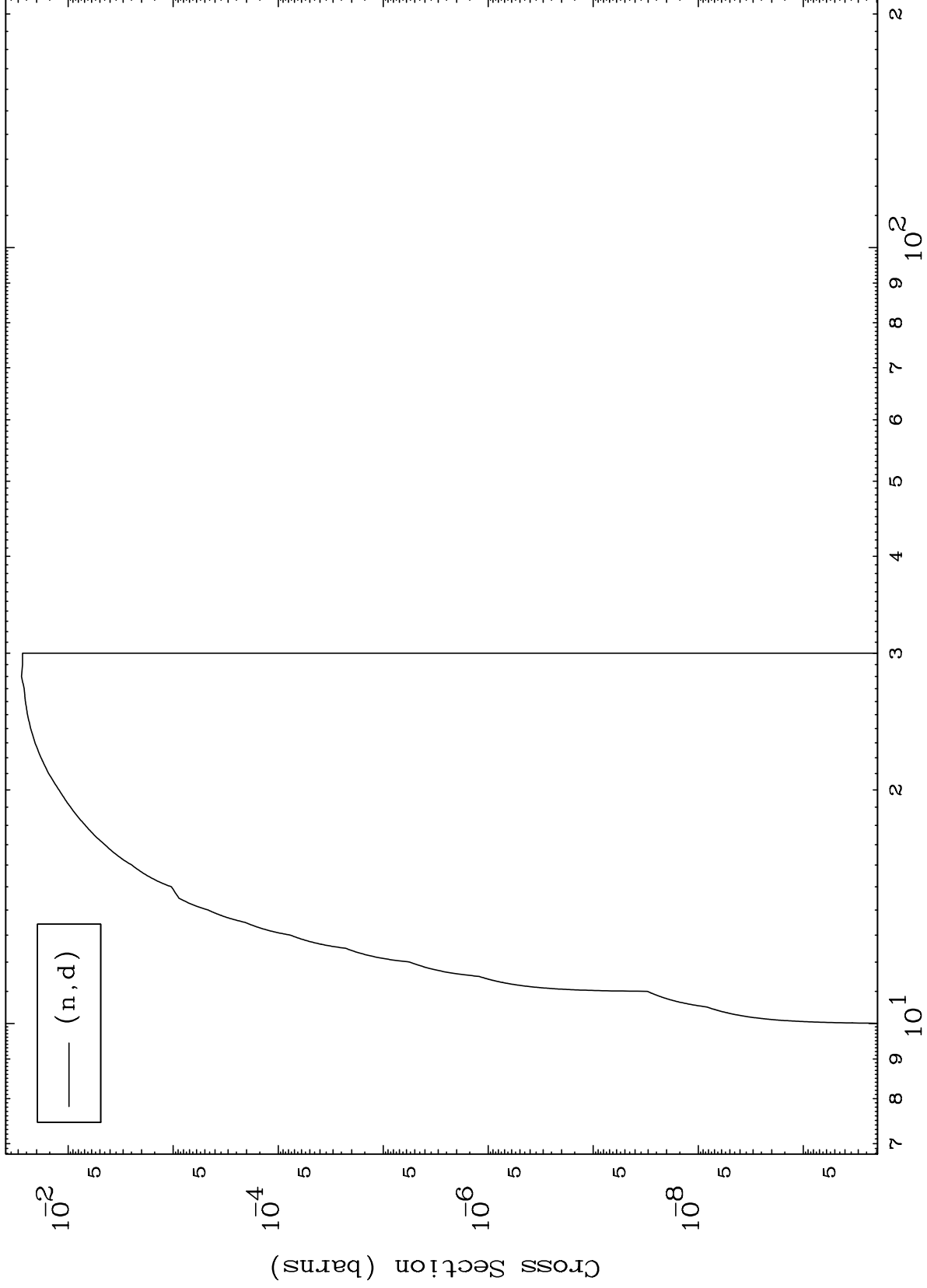
Incident Energy (MeV)

50-Sn-116

MAT 5037

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-116



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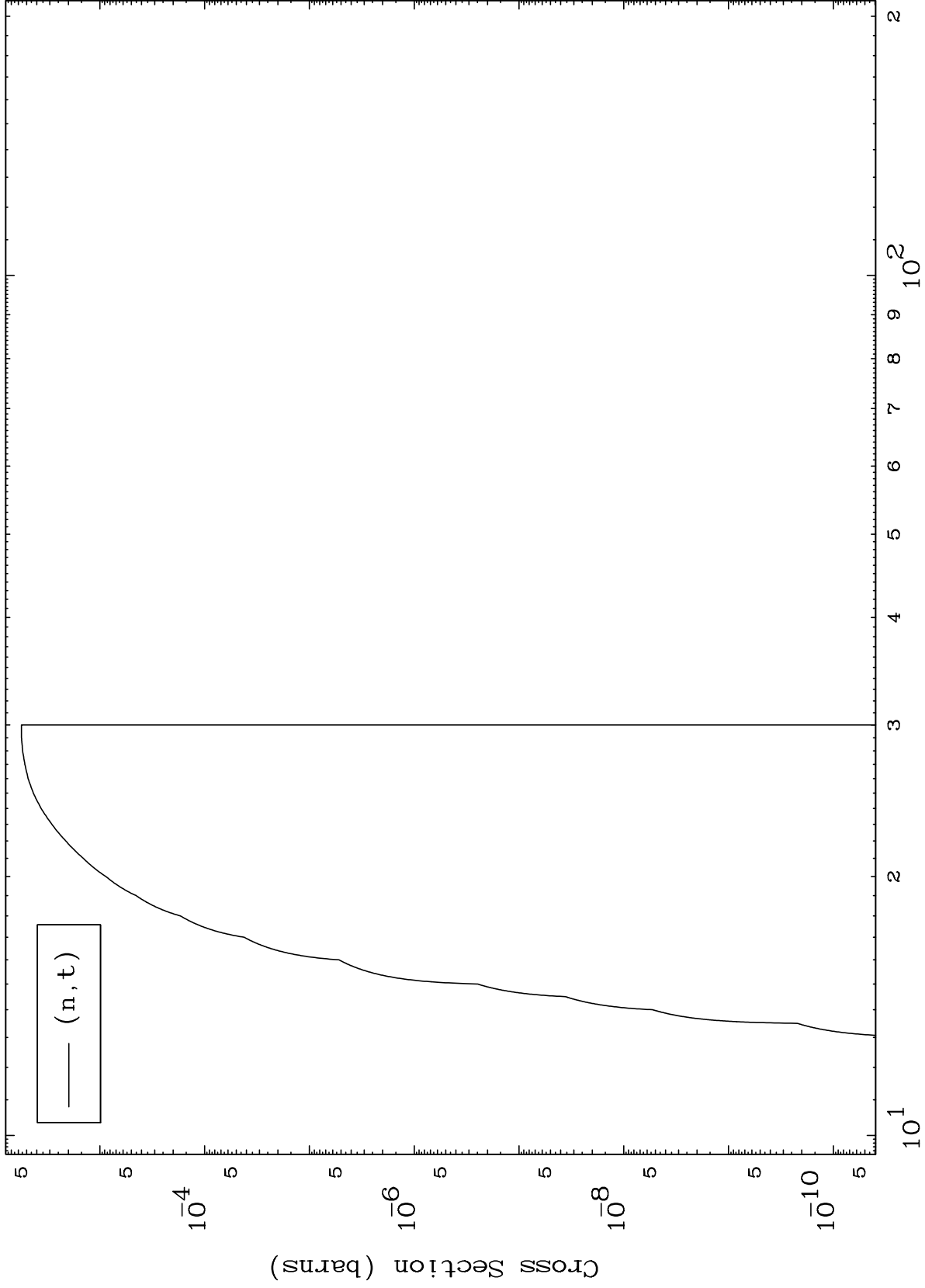
Incident Energy (MeV)

50-Sn-116

MAT 5037

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-116



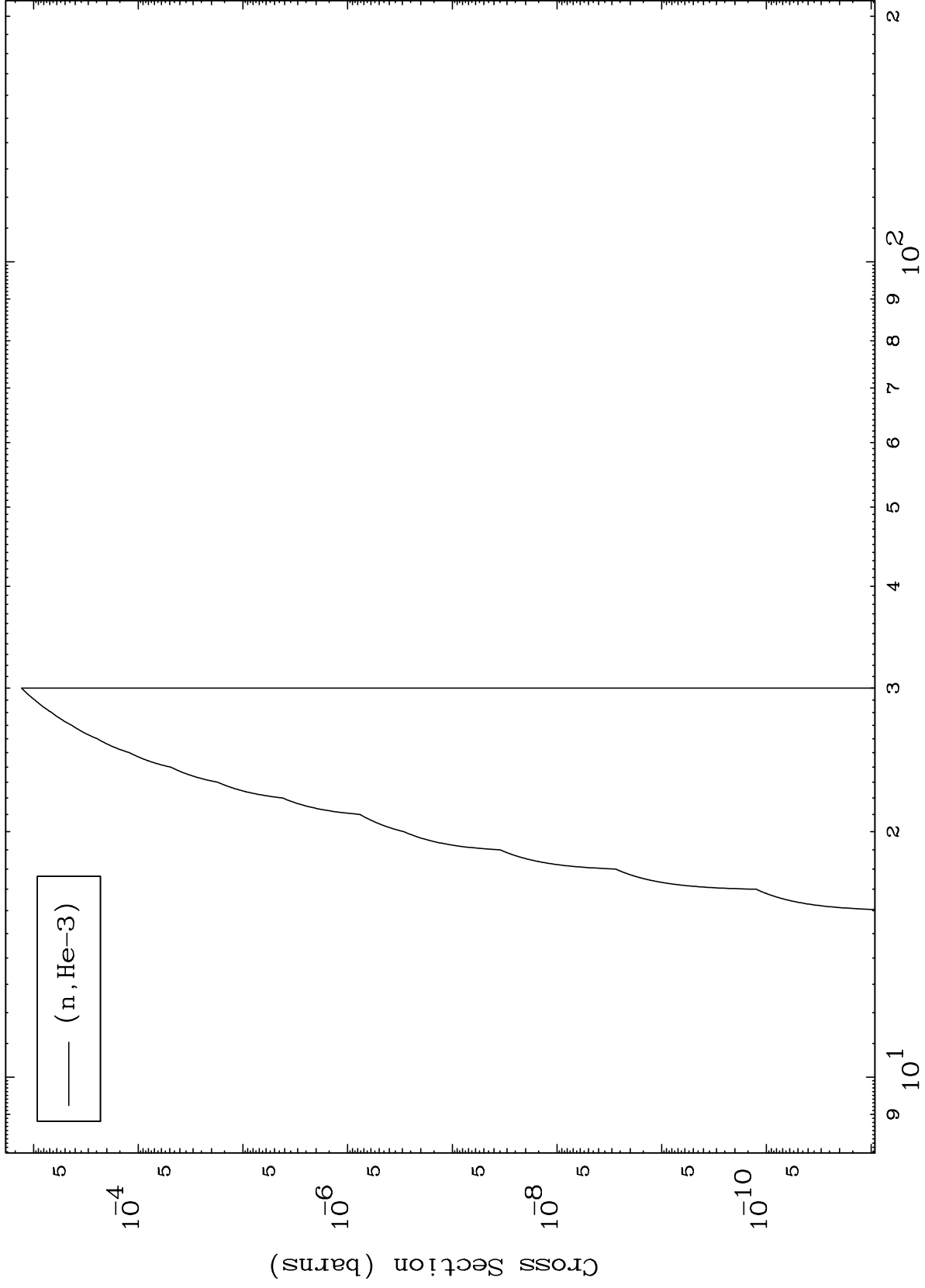
Incident Energy (MeV)

50-Sn-116

MAT 5037

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-116



13

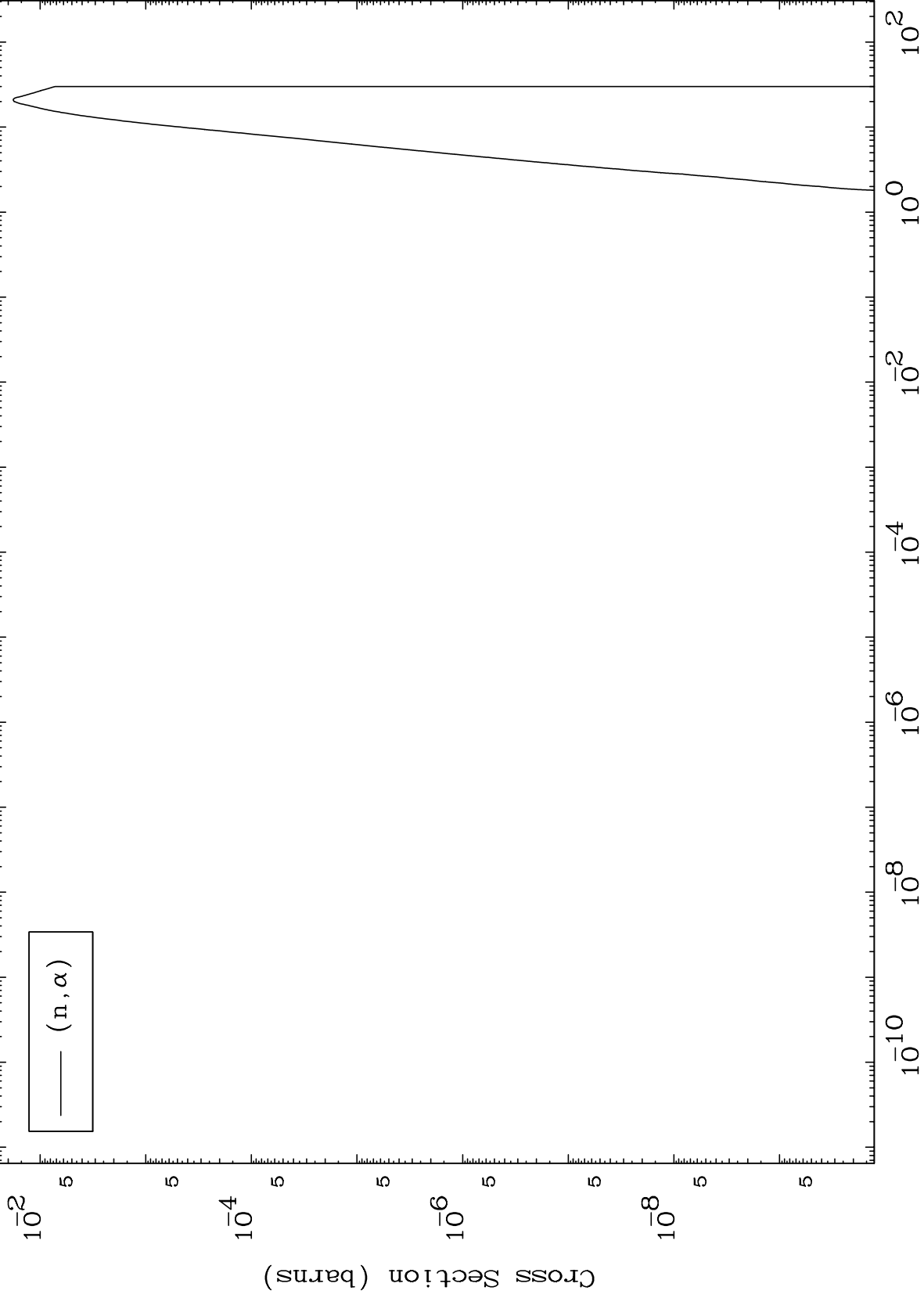
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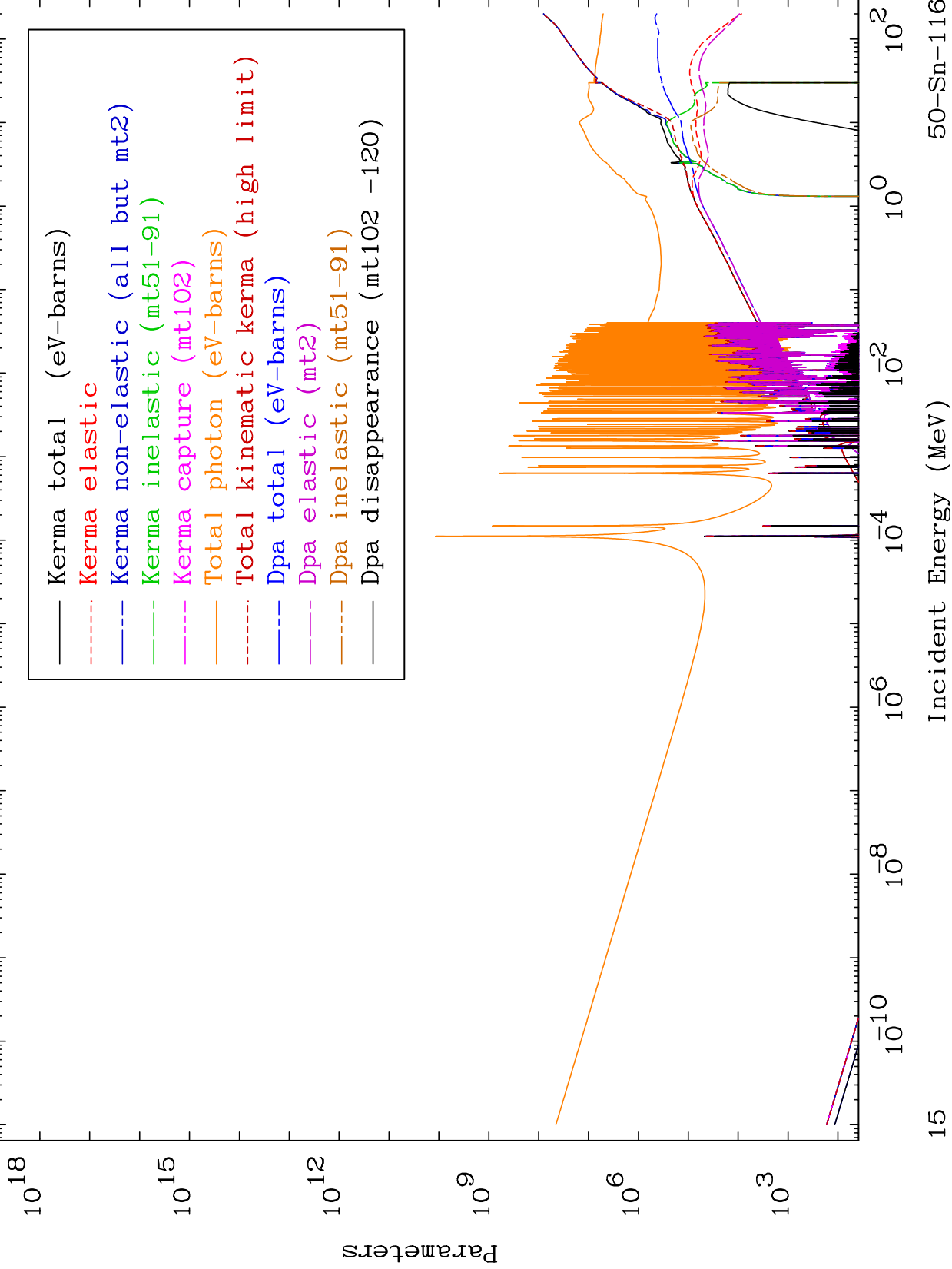
50-Sn-116

MAT 5037

(n, α) Levels
293 Kelvin Cross Sections

50-Sn-116

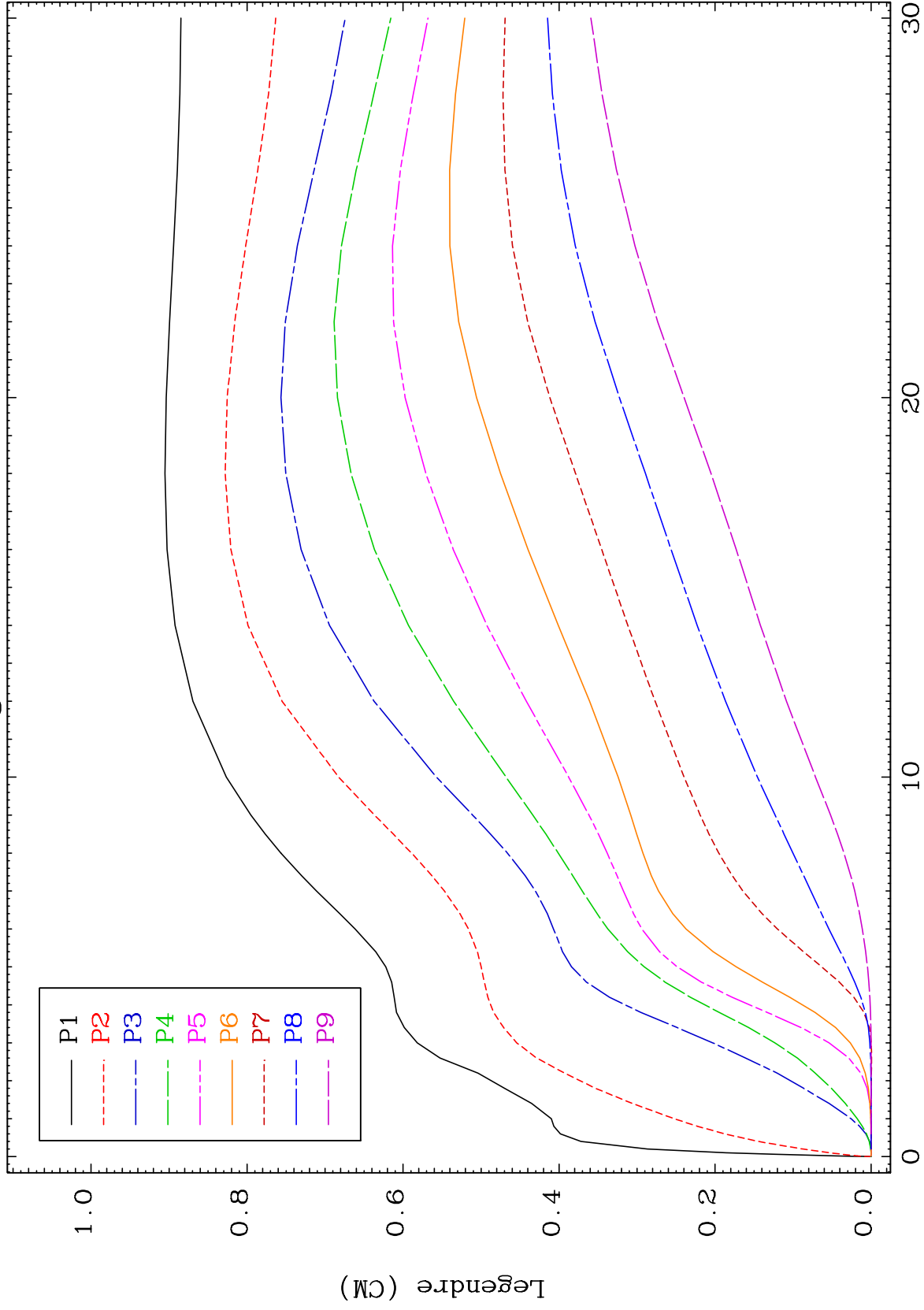




MAT 5037

Elastic Legendre Coefficients

50-Sn-116



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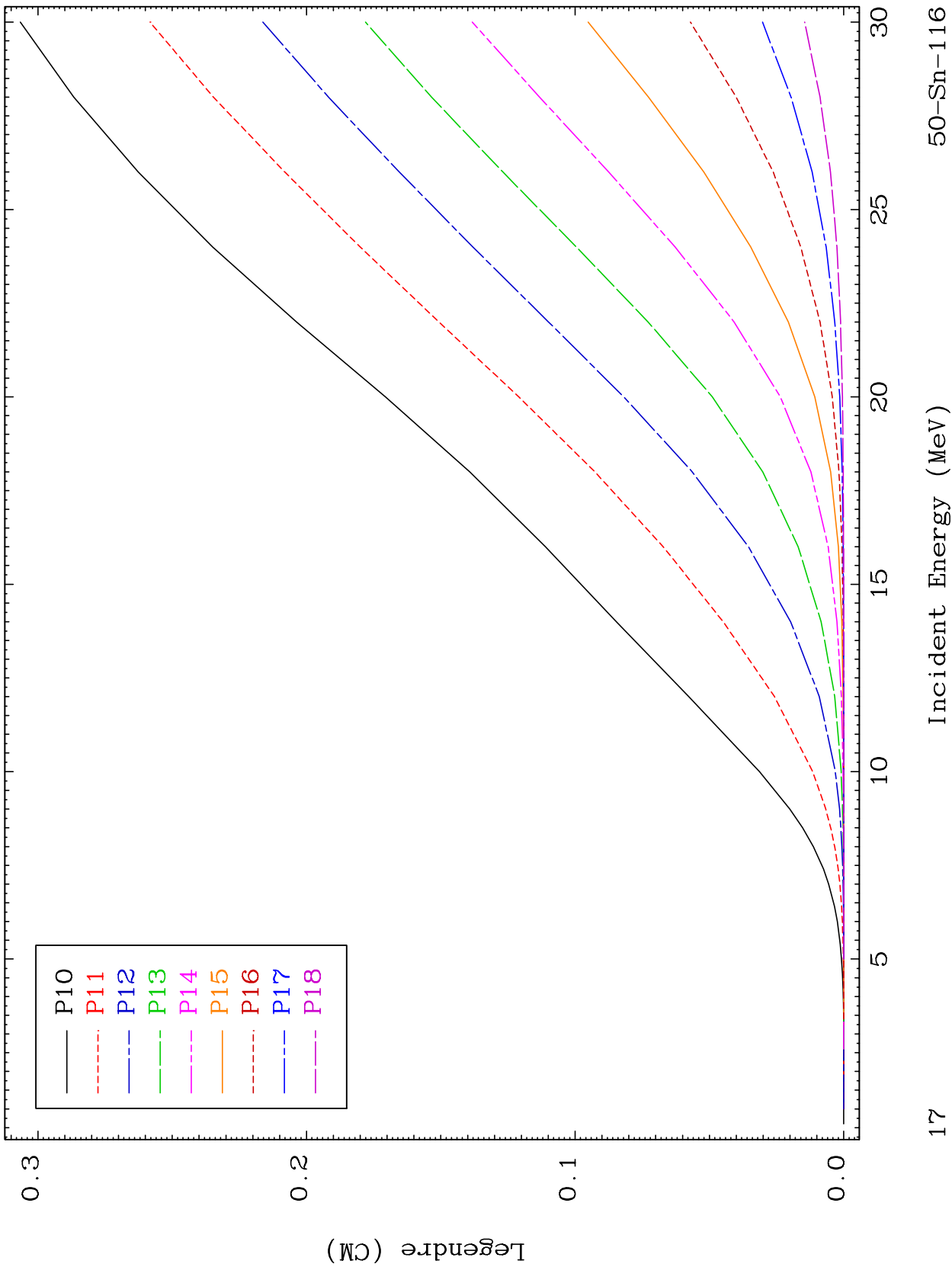
Incident Energy (MeV)

50-Sn-116

MAT 5037

Elastic Legendre Coefficients

50-Sn-116

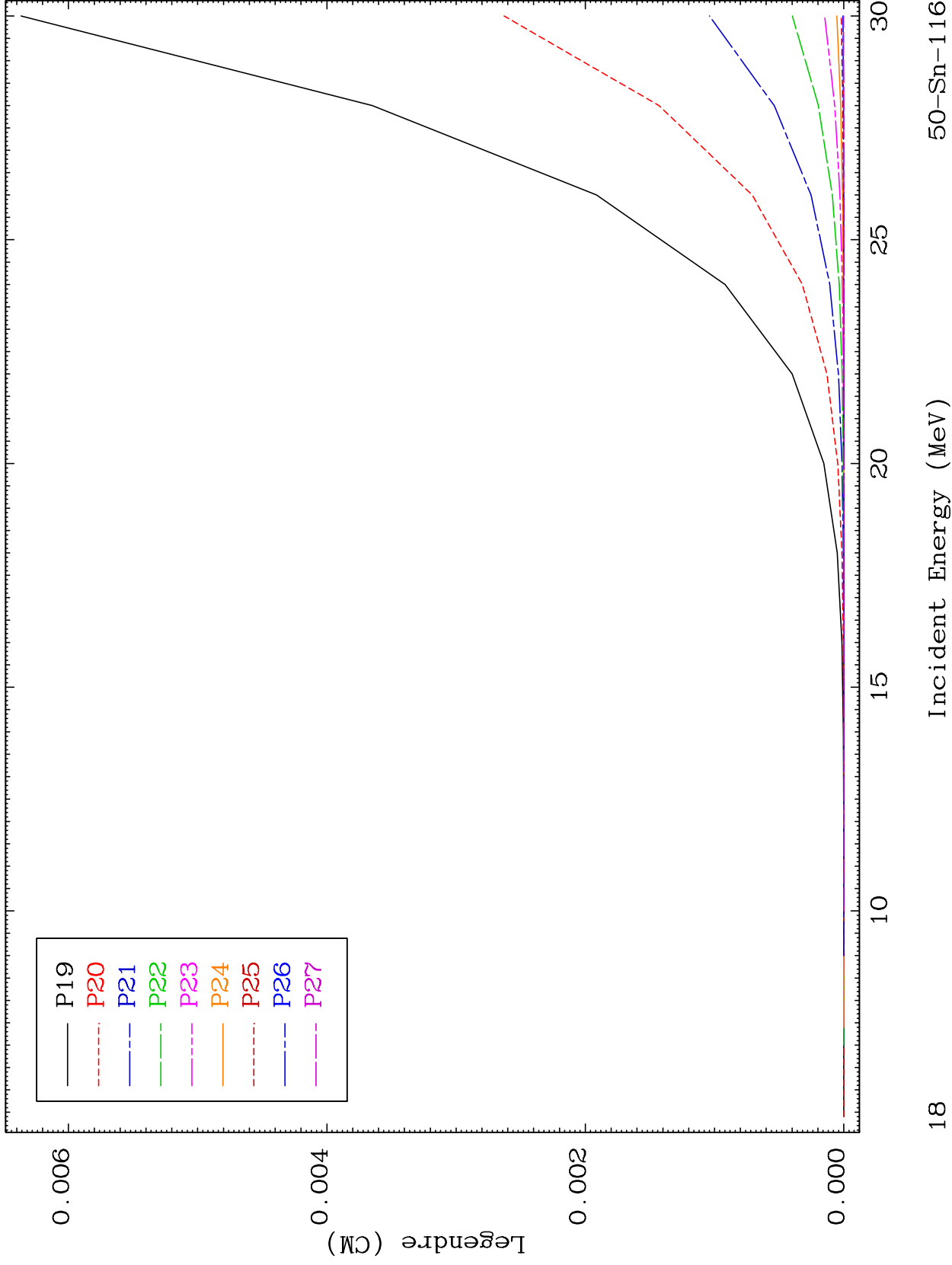


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MAT 5037

Elastic Legendre Coefficients

50-Sn-116



18

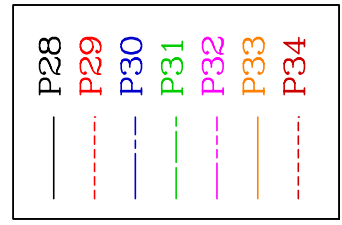
Incident Energy (MeV)

50-Sn-116

MAT 5037

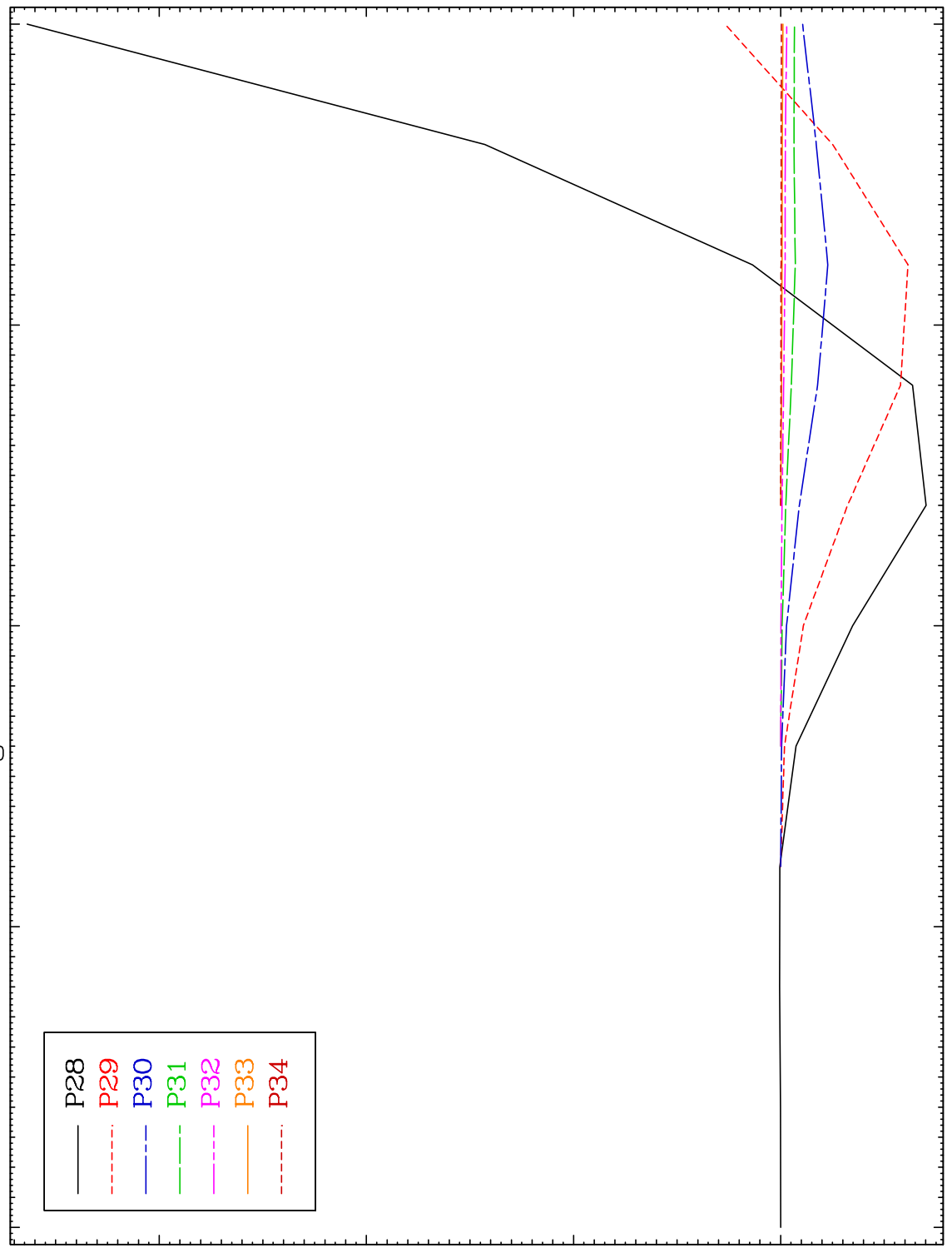
Elastic Legendre Coefficients

50-Sn-116



$\times 10^{-7}$

Legendre (CM)



10

15

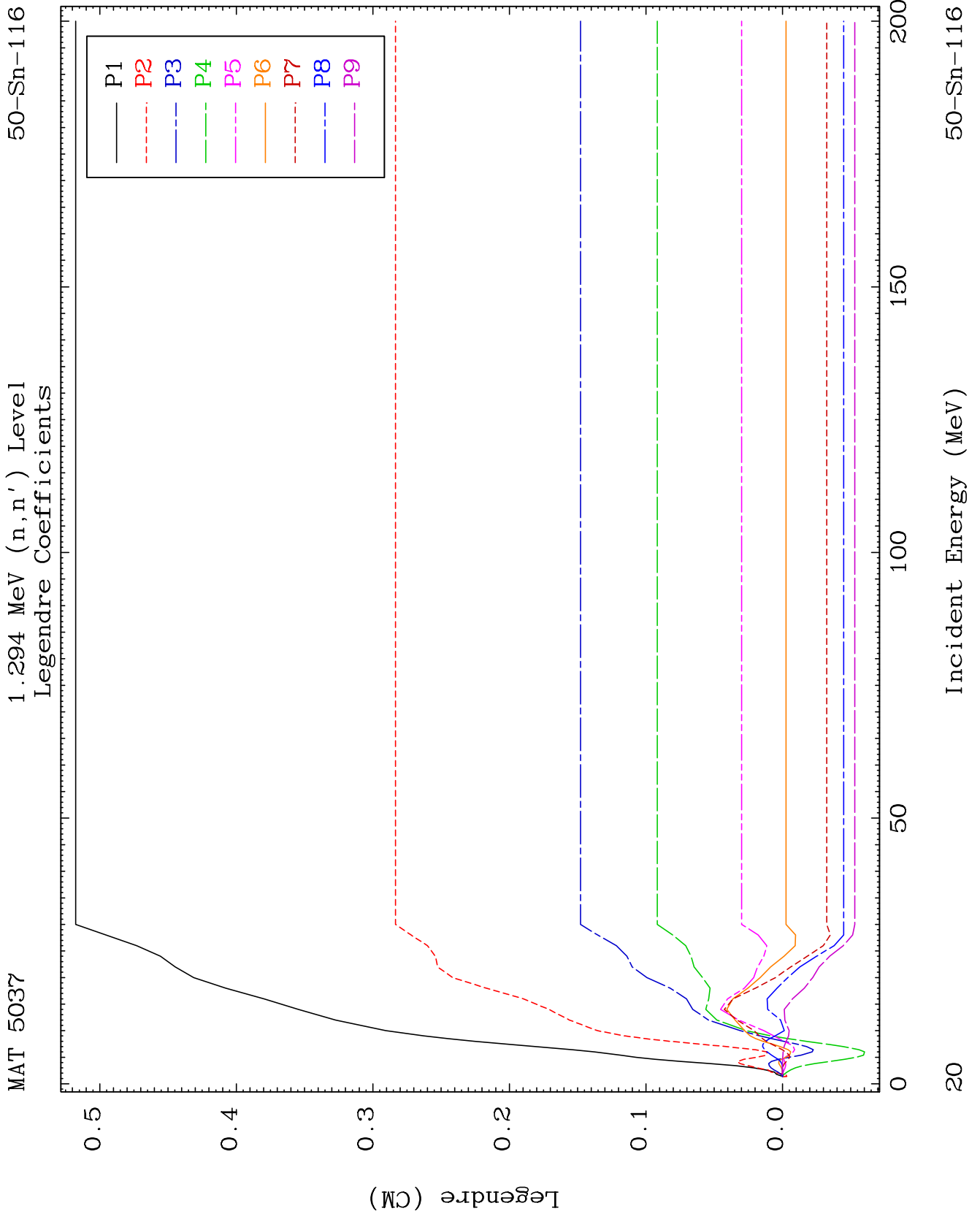
20

25

30

Incident Energy (MeV)

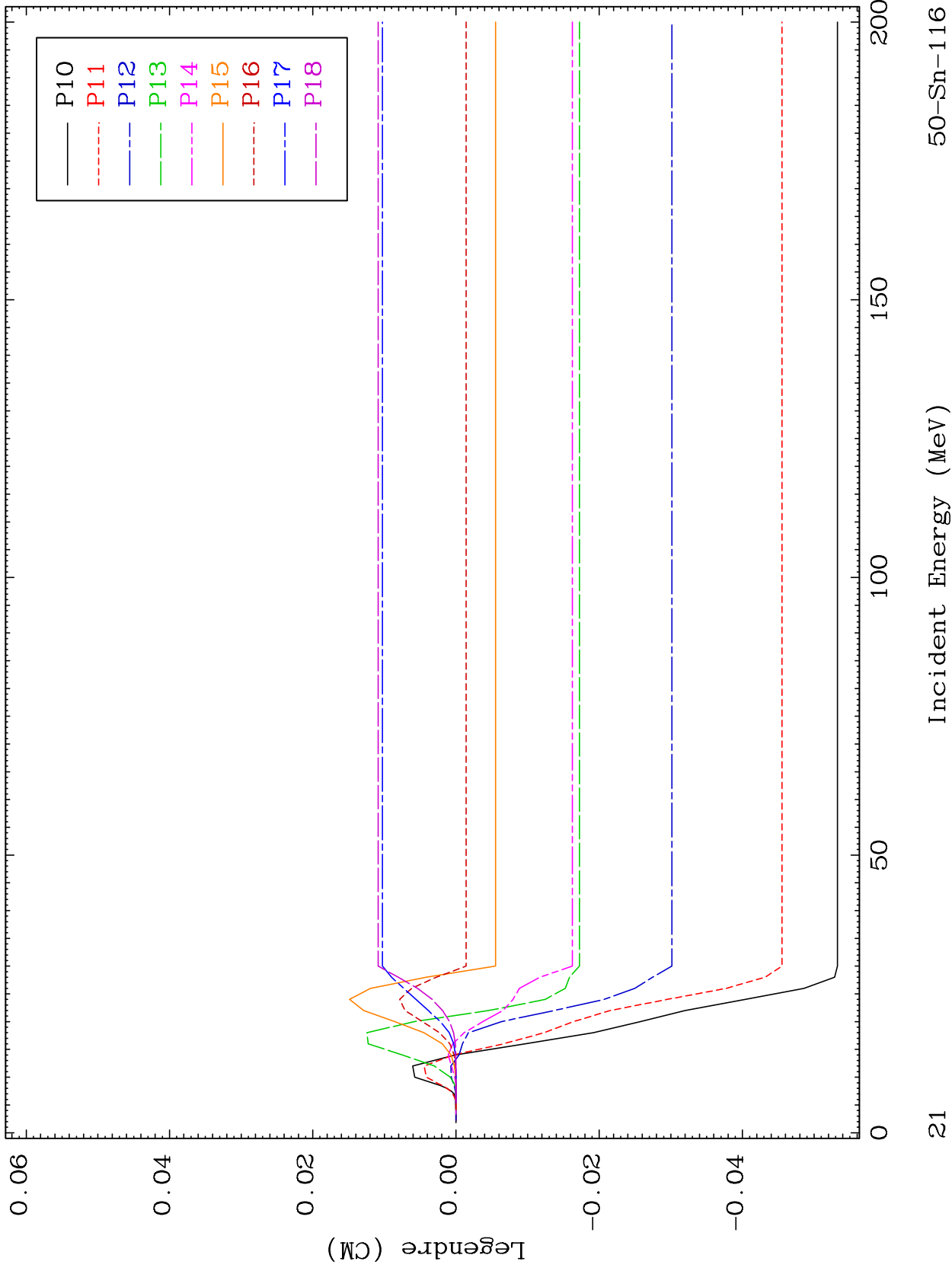
50-Sn-116



MAT 5037

1.294 MeV (n,n') Level
Legendre Coefficients

50-Sn-116

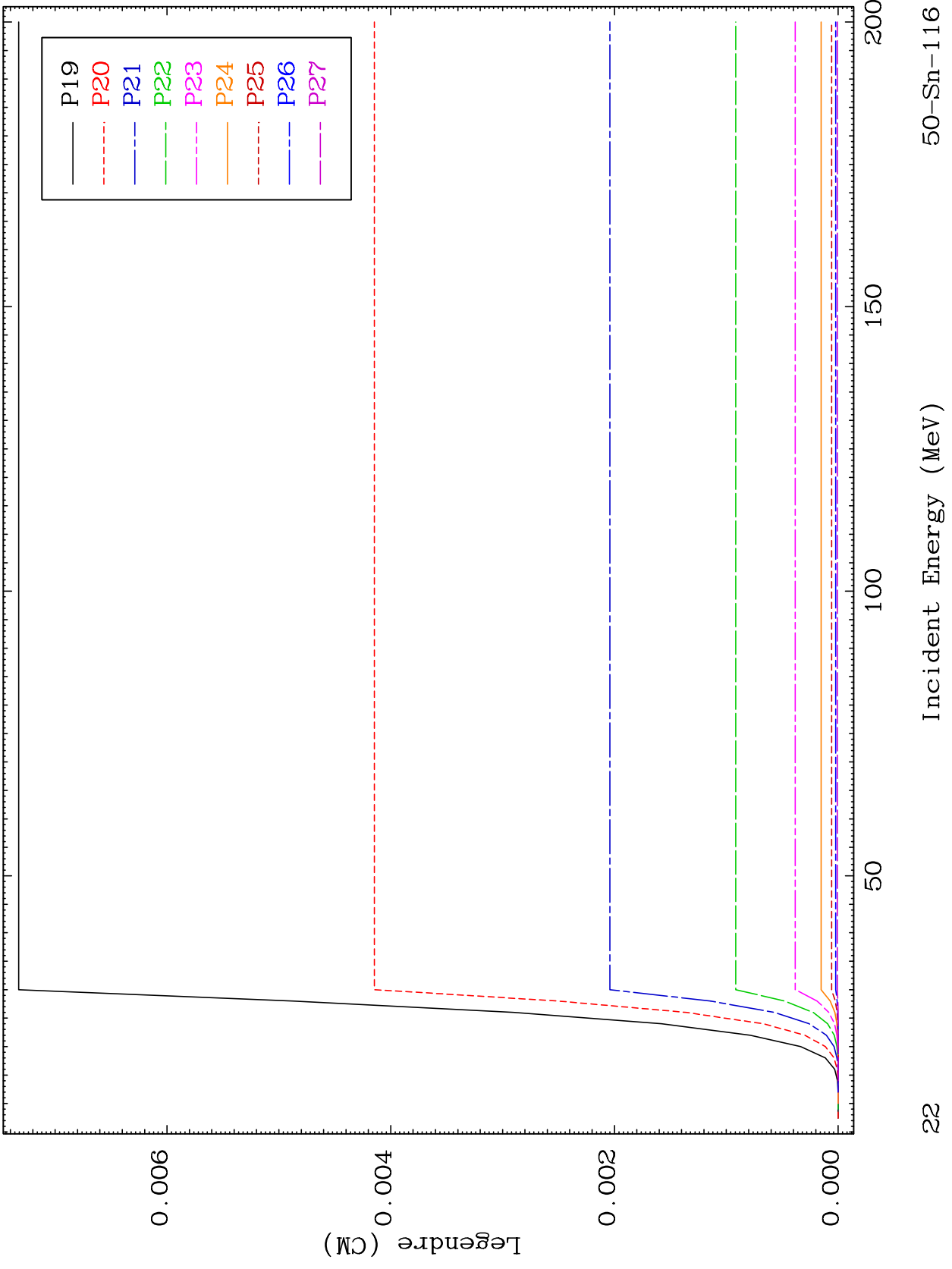


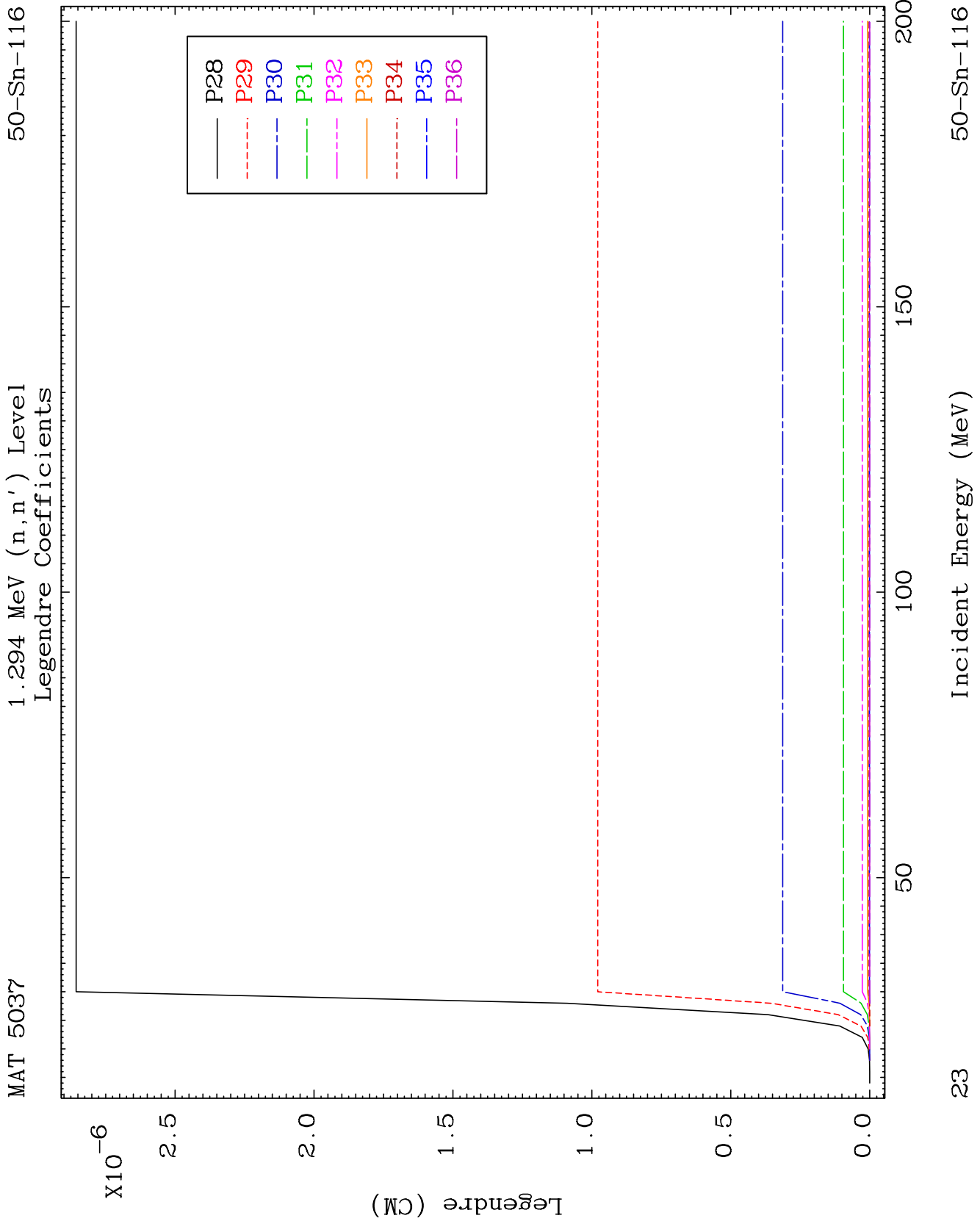
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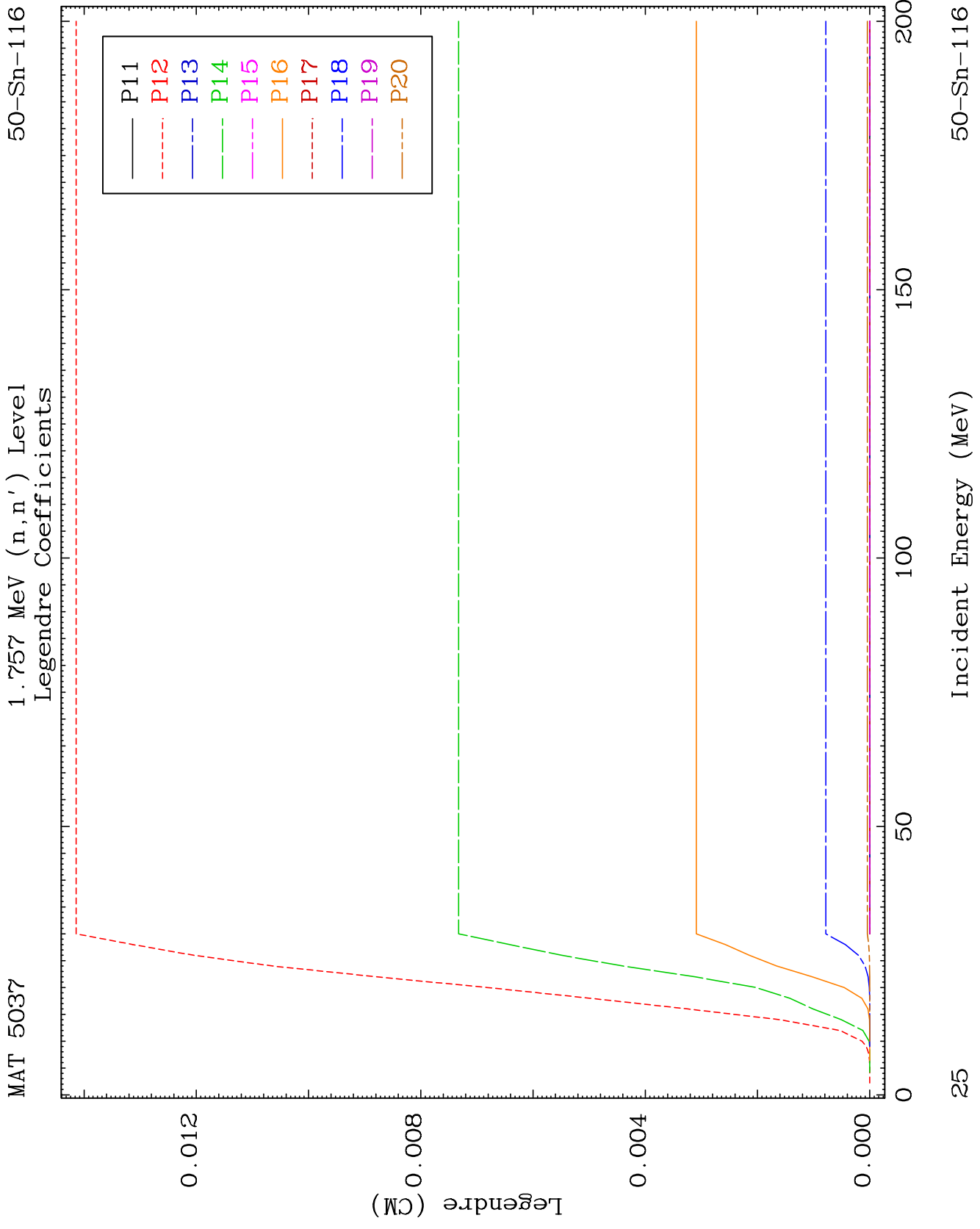
Incident Energy (MeV)

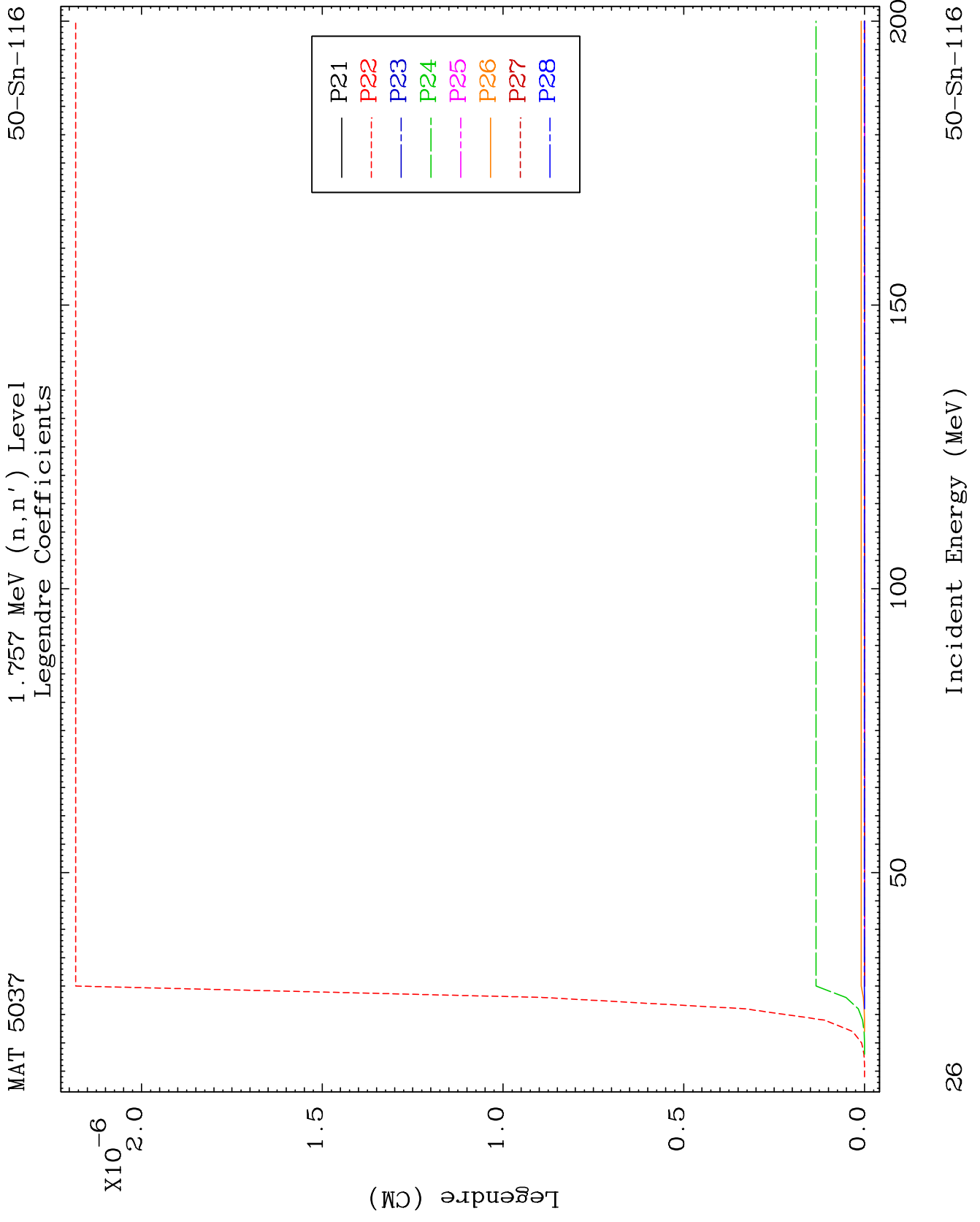
50-Sn-116

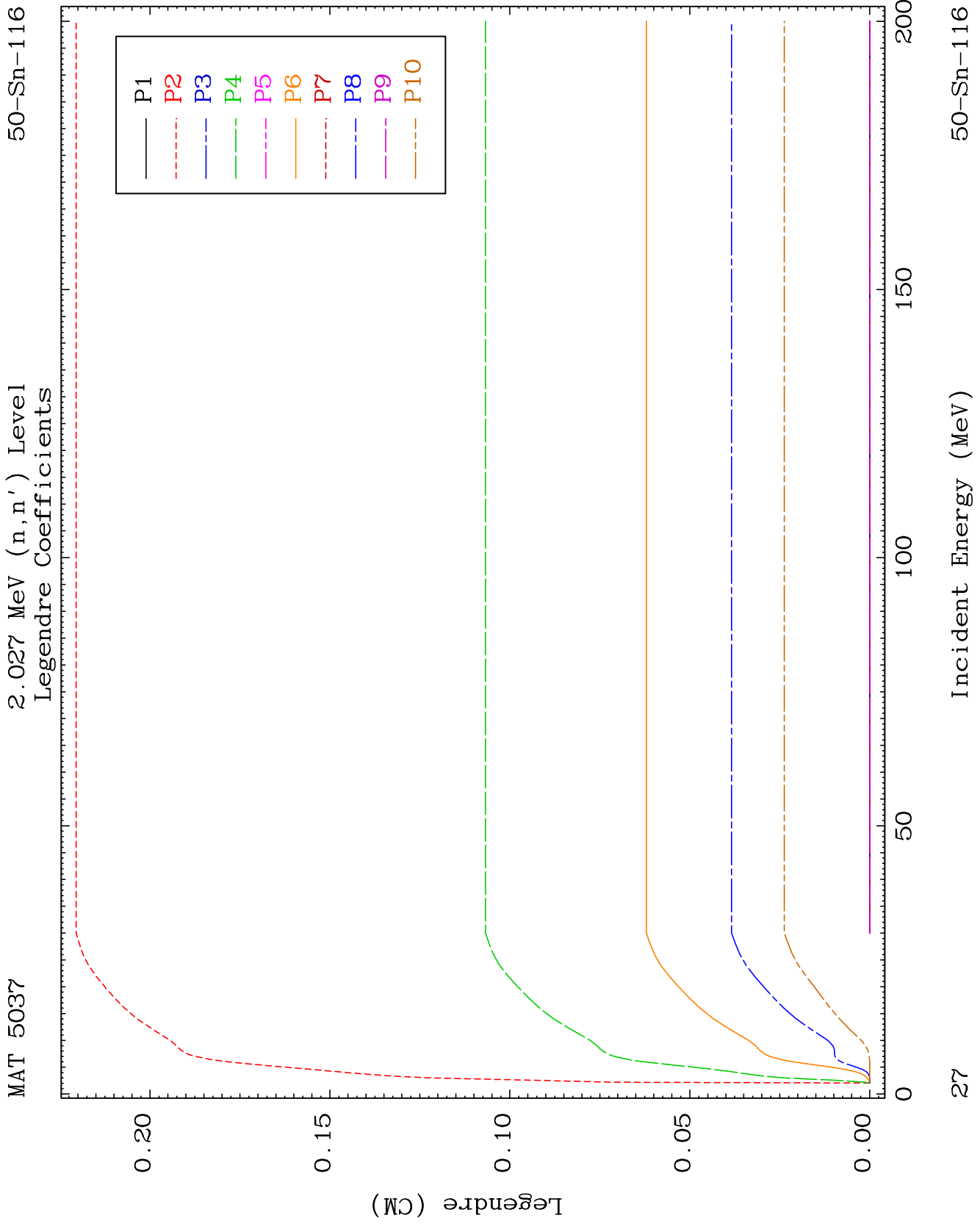
MAT 5037 1.294 MeV (n,n') Level Legendre Coefficients 50-Sn-116

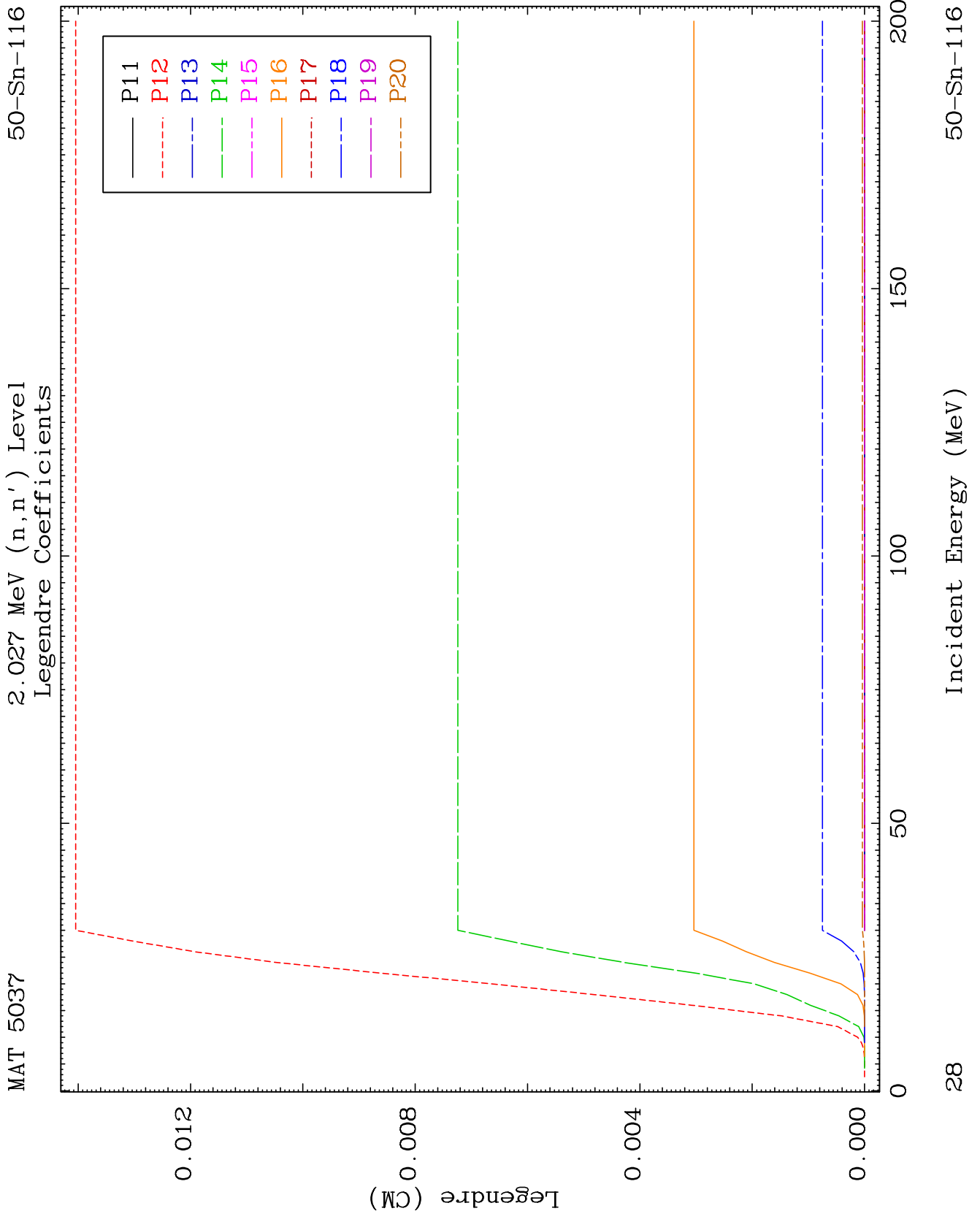


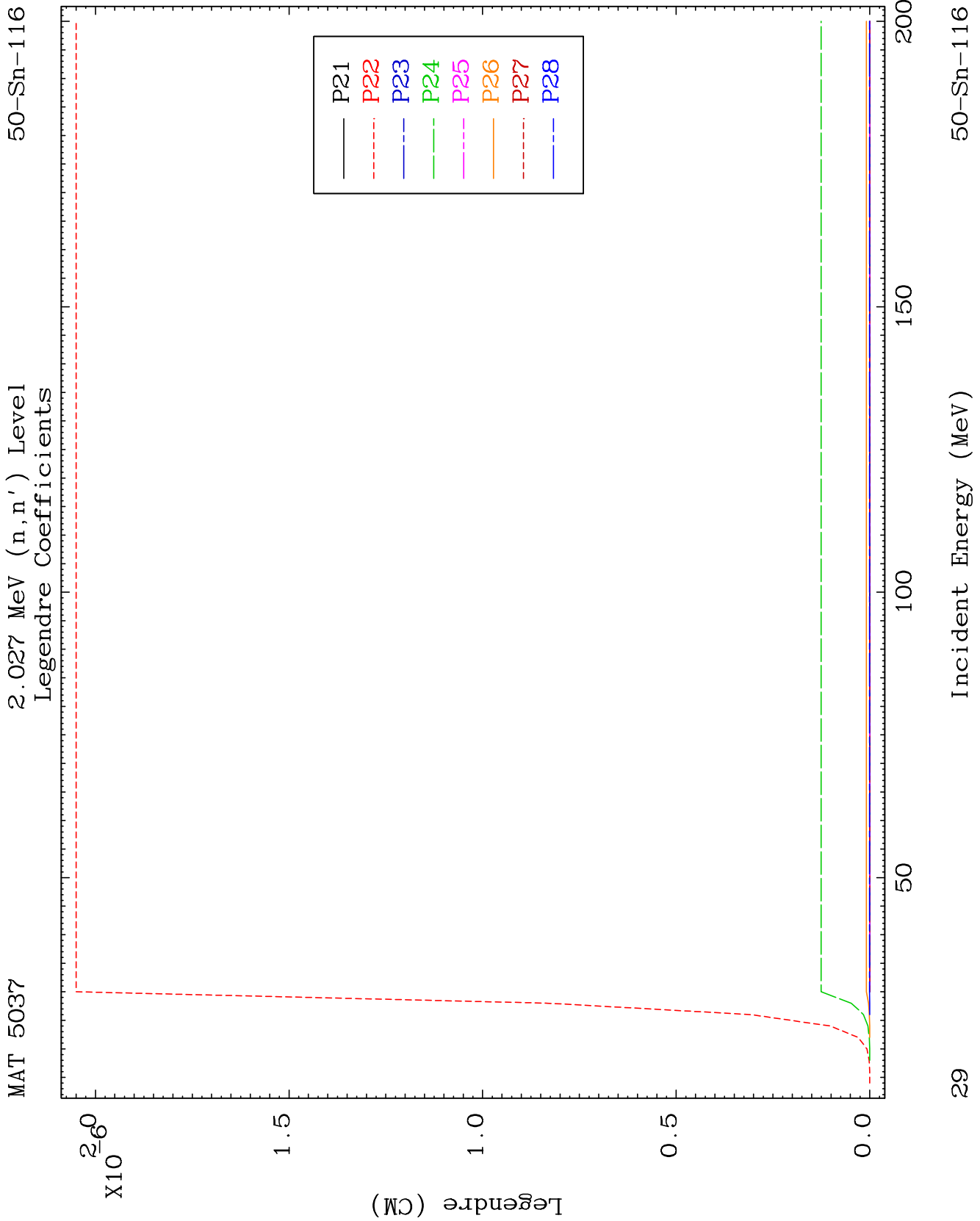


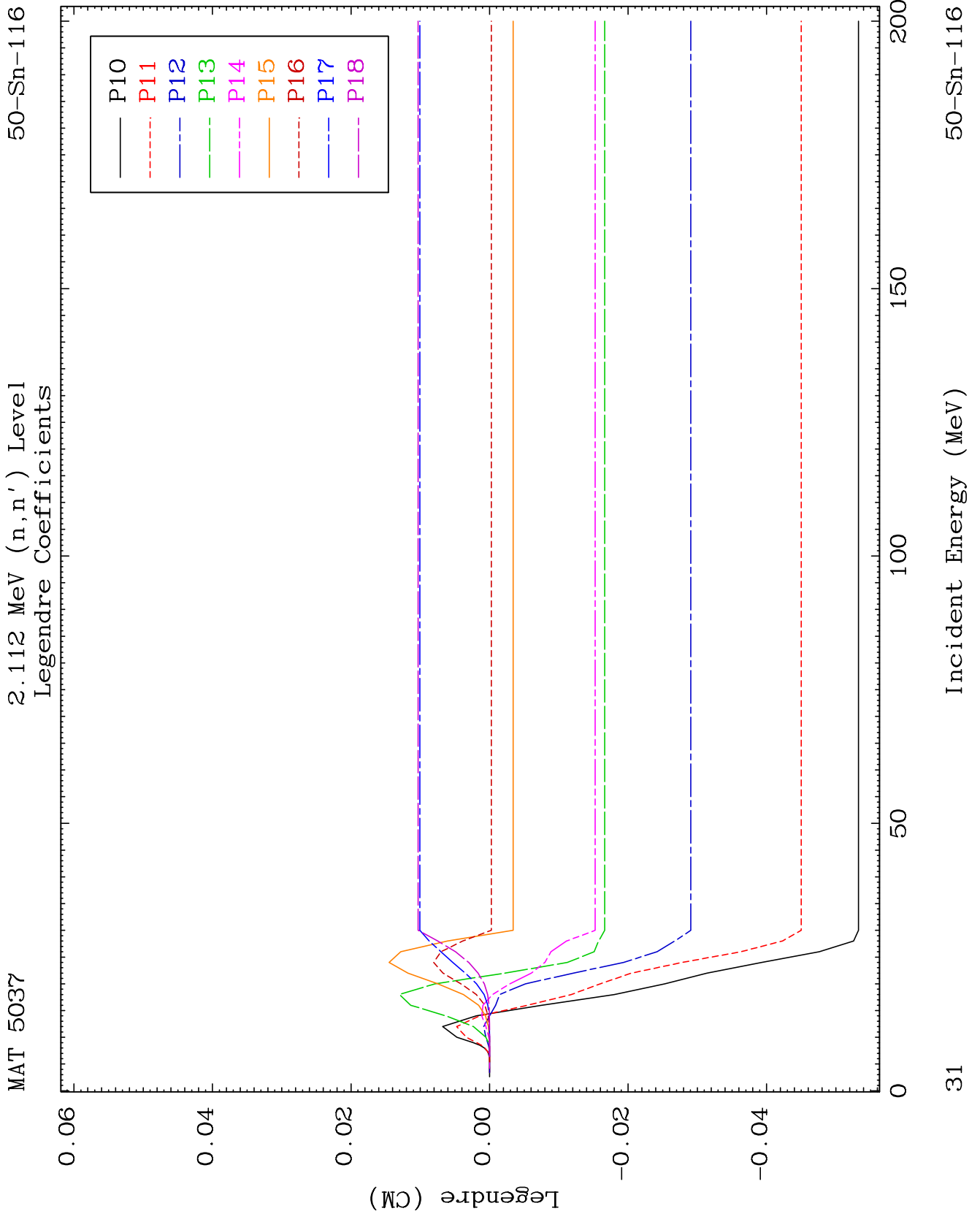


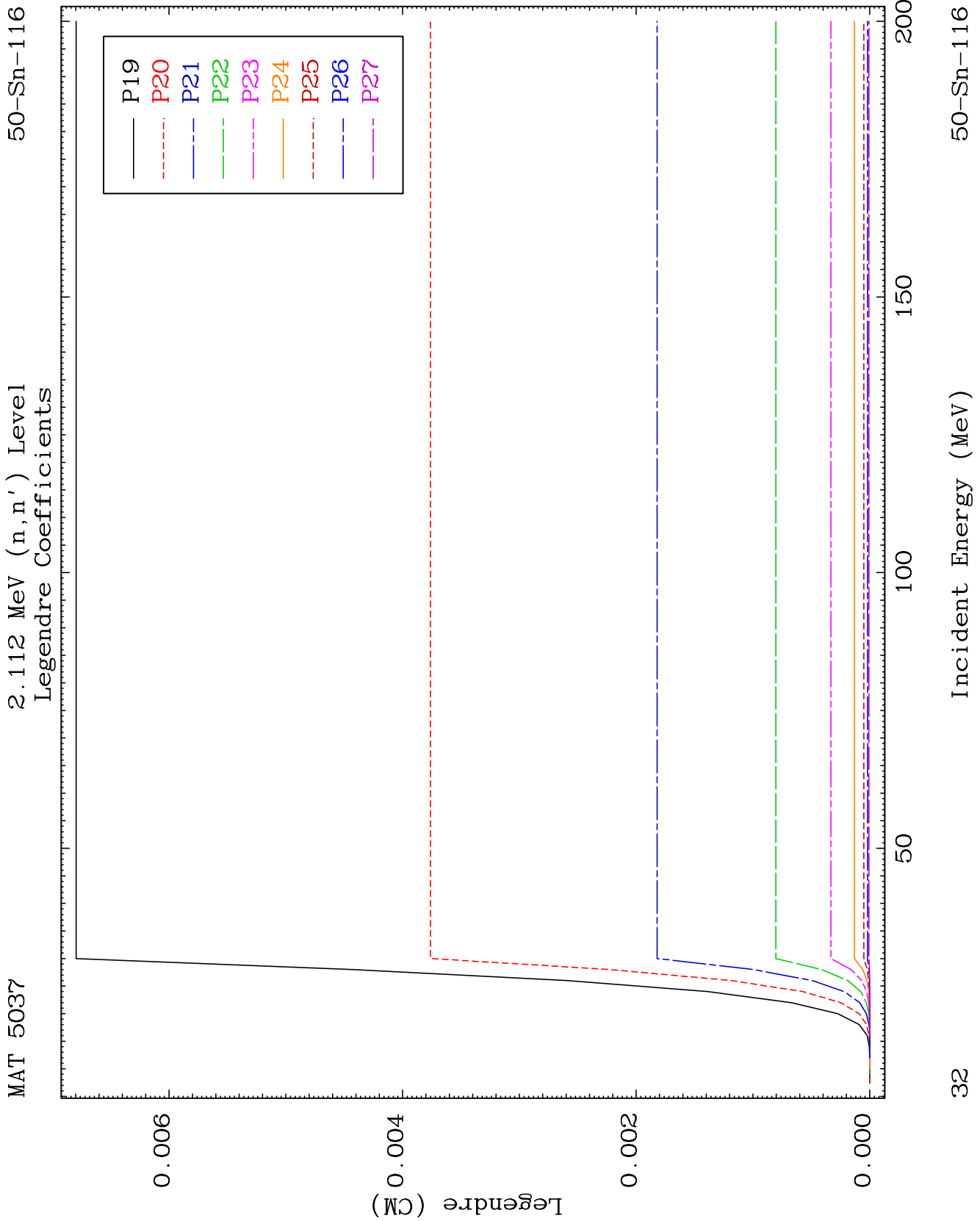


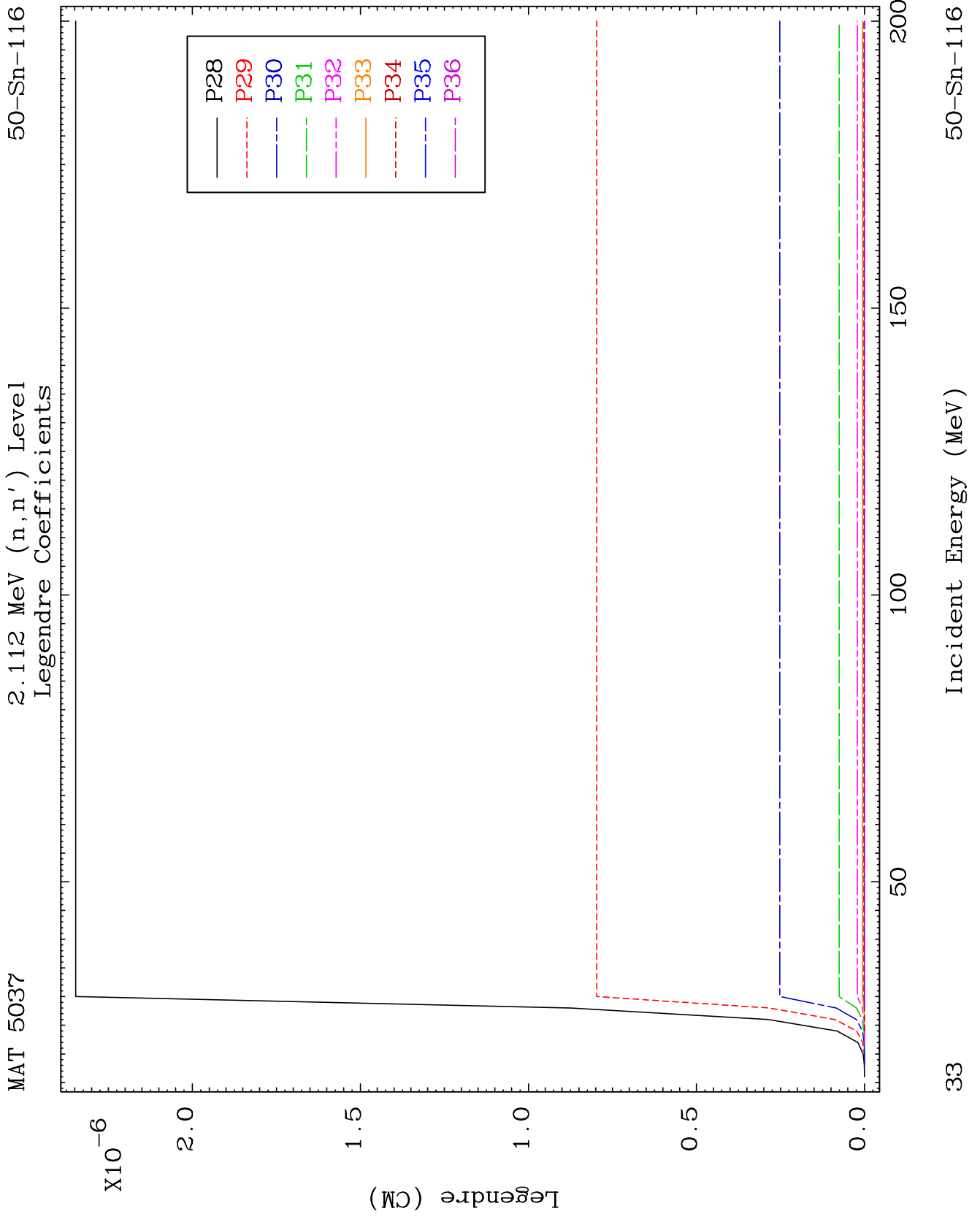


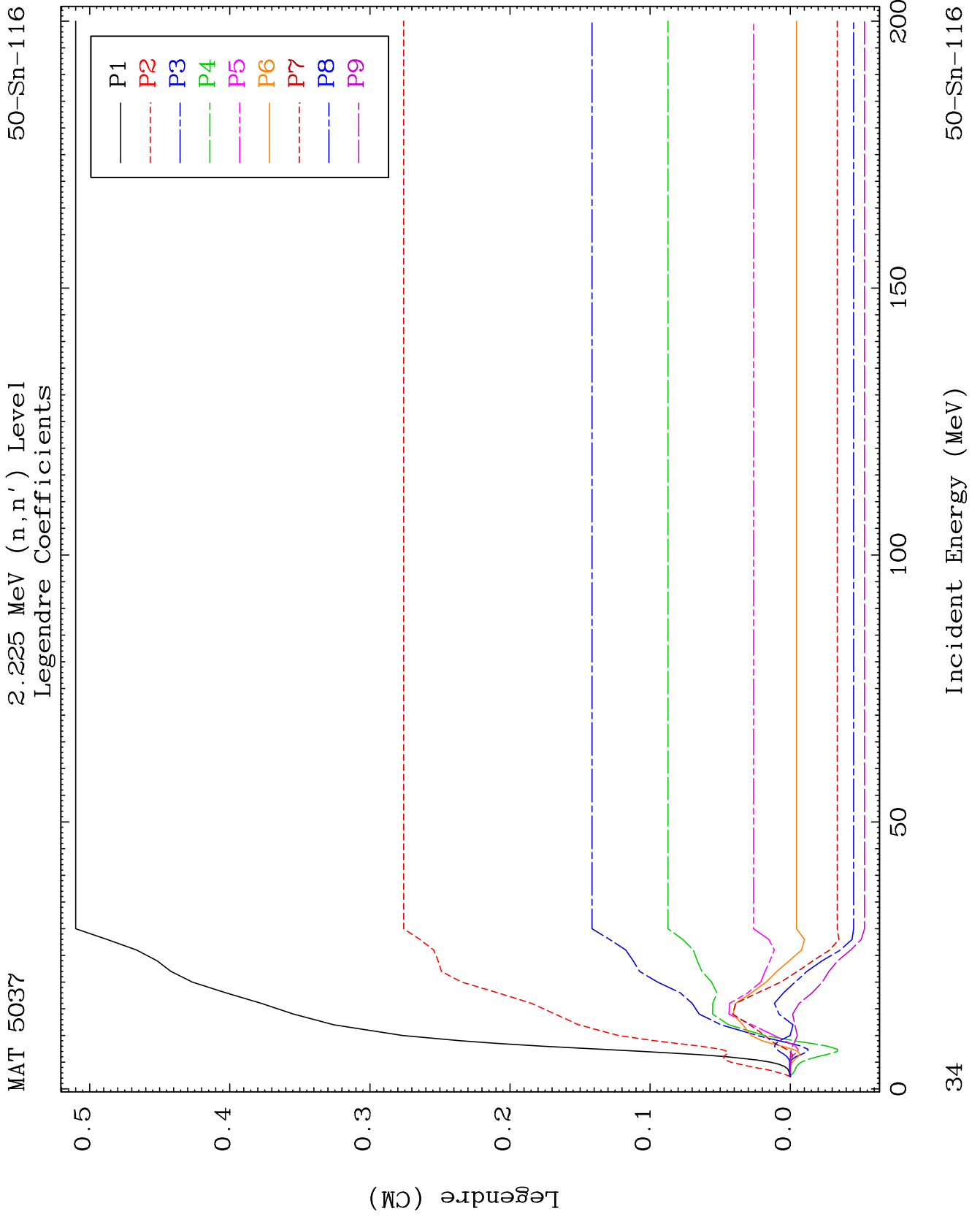


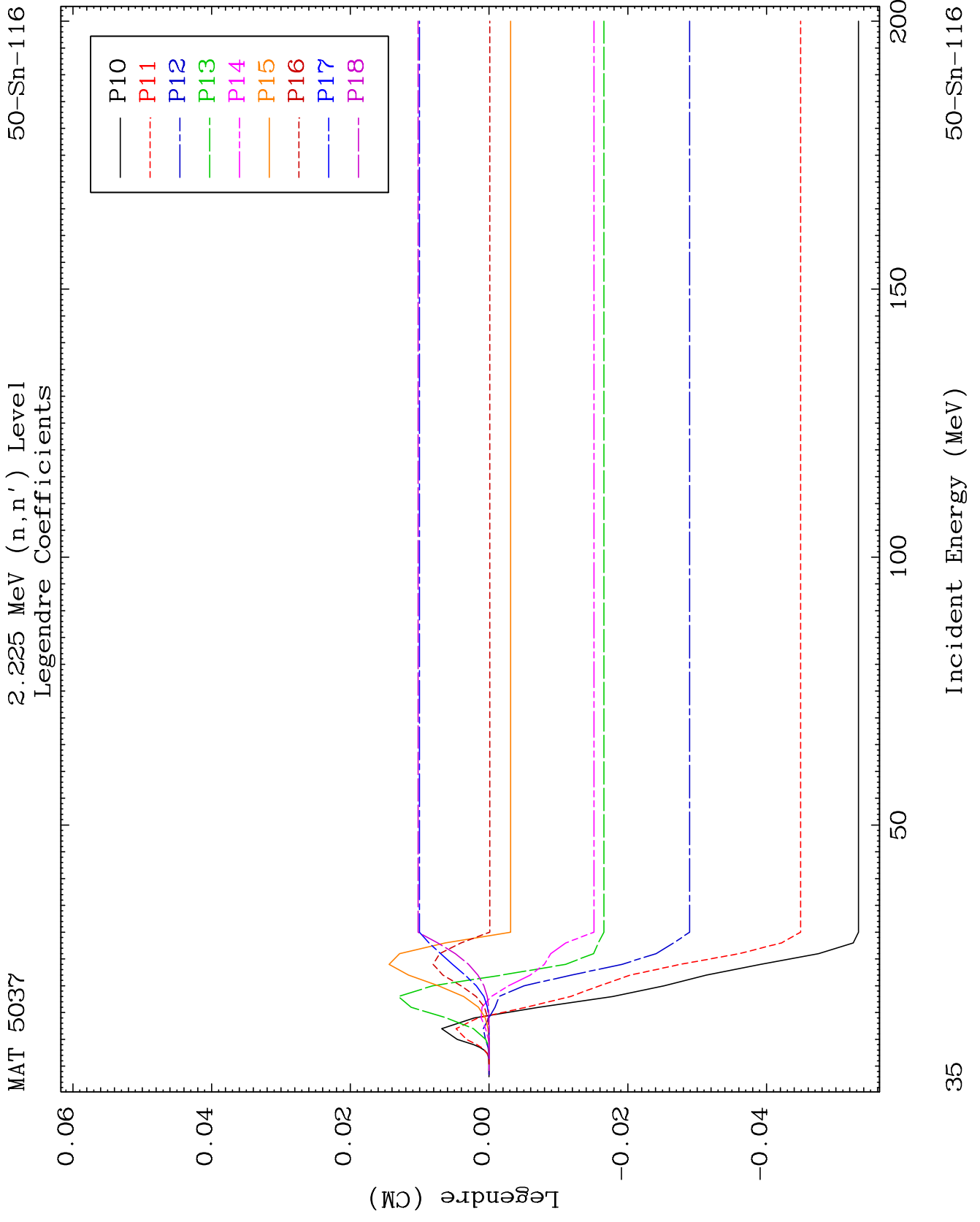


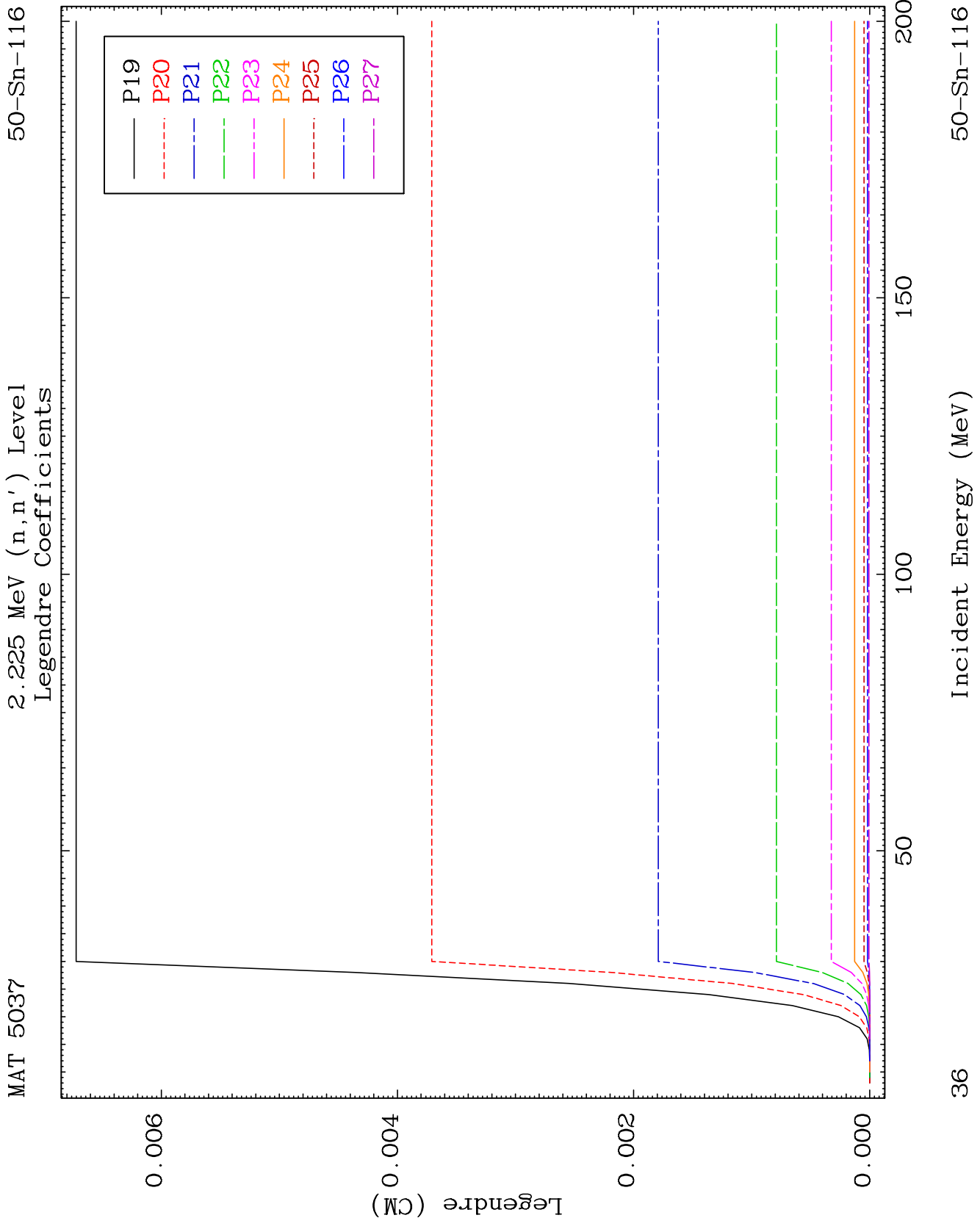








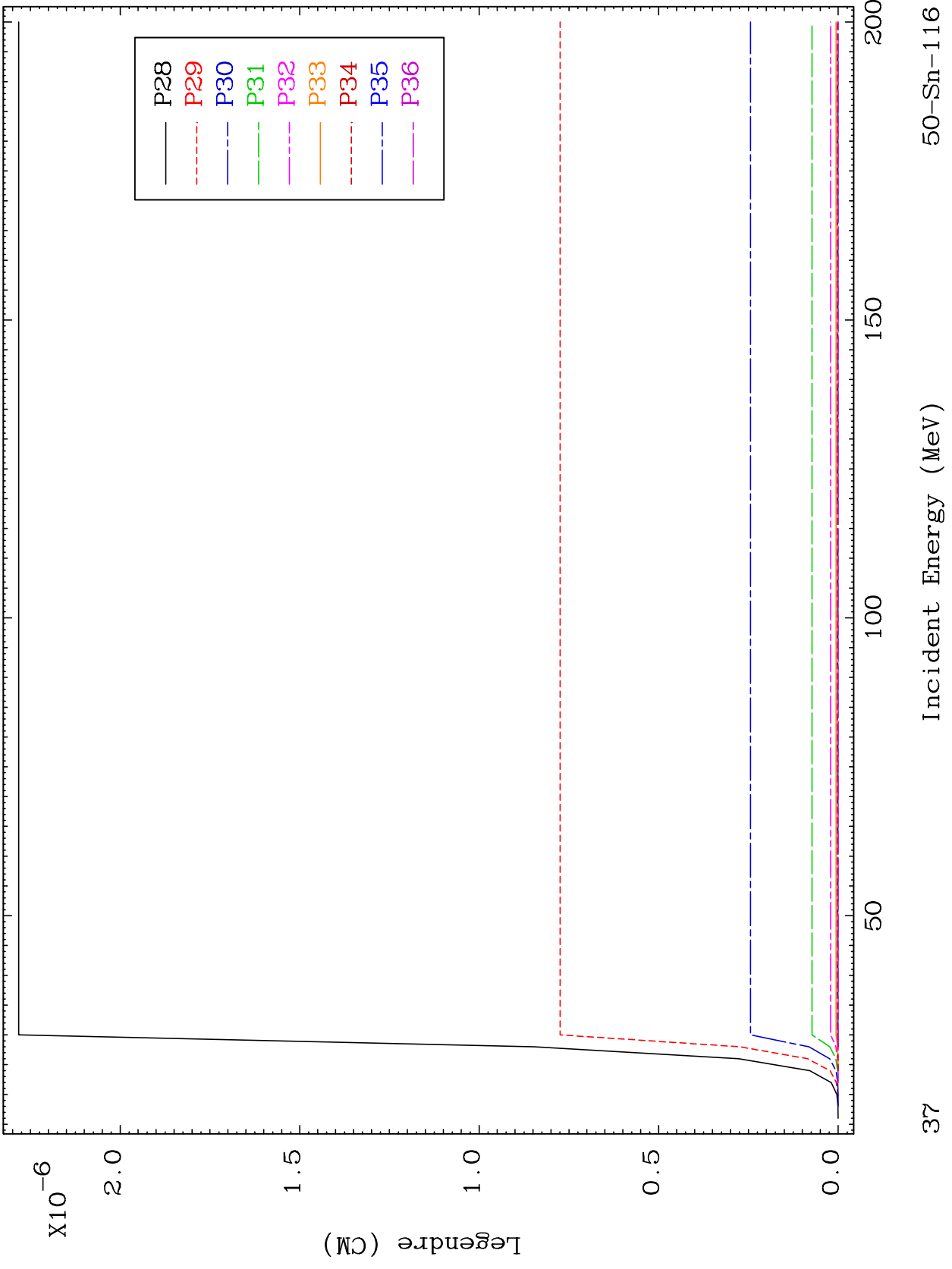


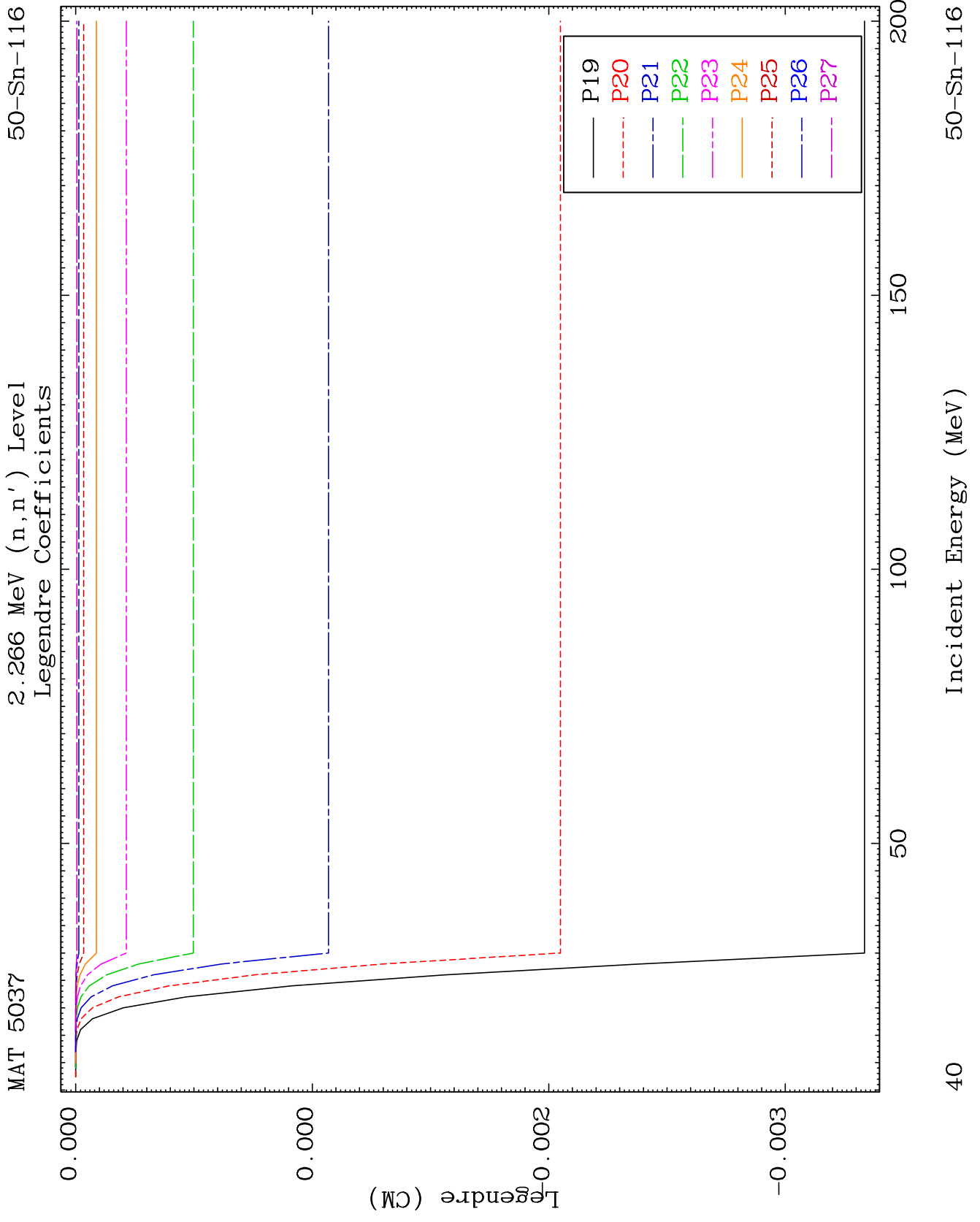


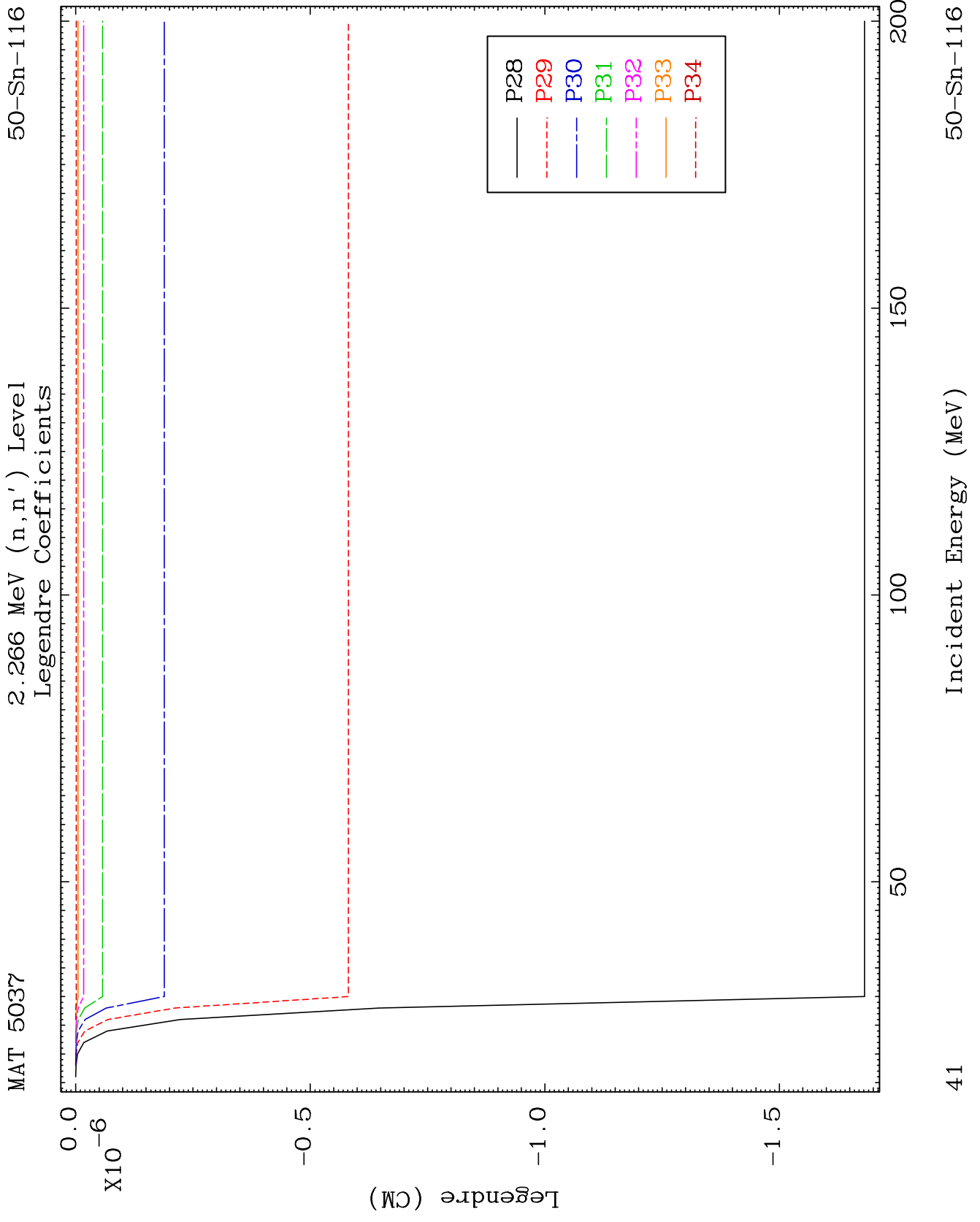
MAT 5037

2.225 MeV (n,n') Level
Legendre Coefficients

50-Sn-116



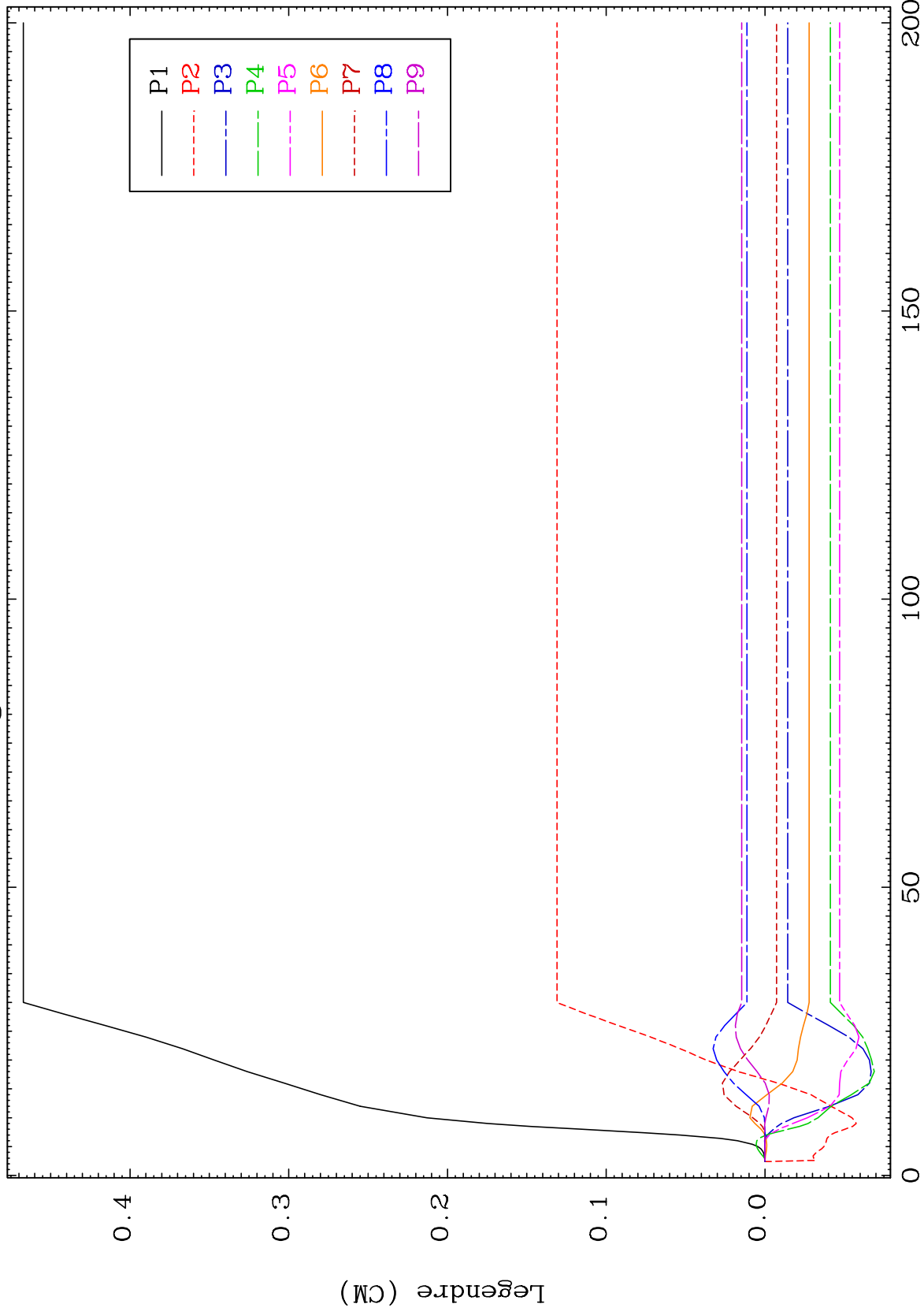




MAT 5037

2.366 MeV (n,n') Level
Legendre Coefficients

50-Sn-116



42

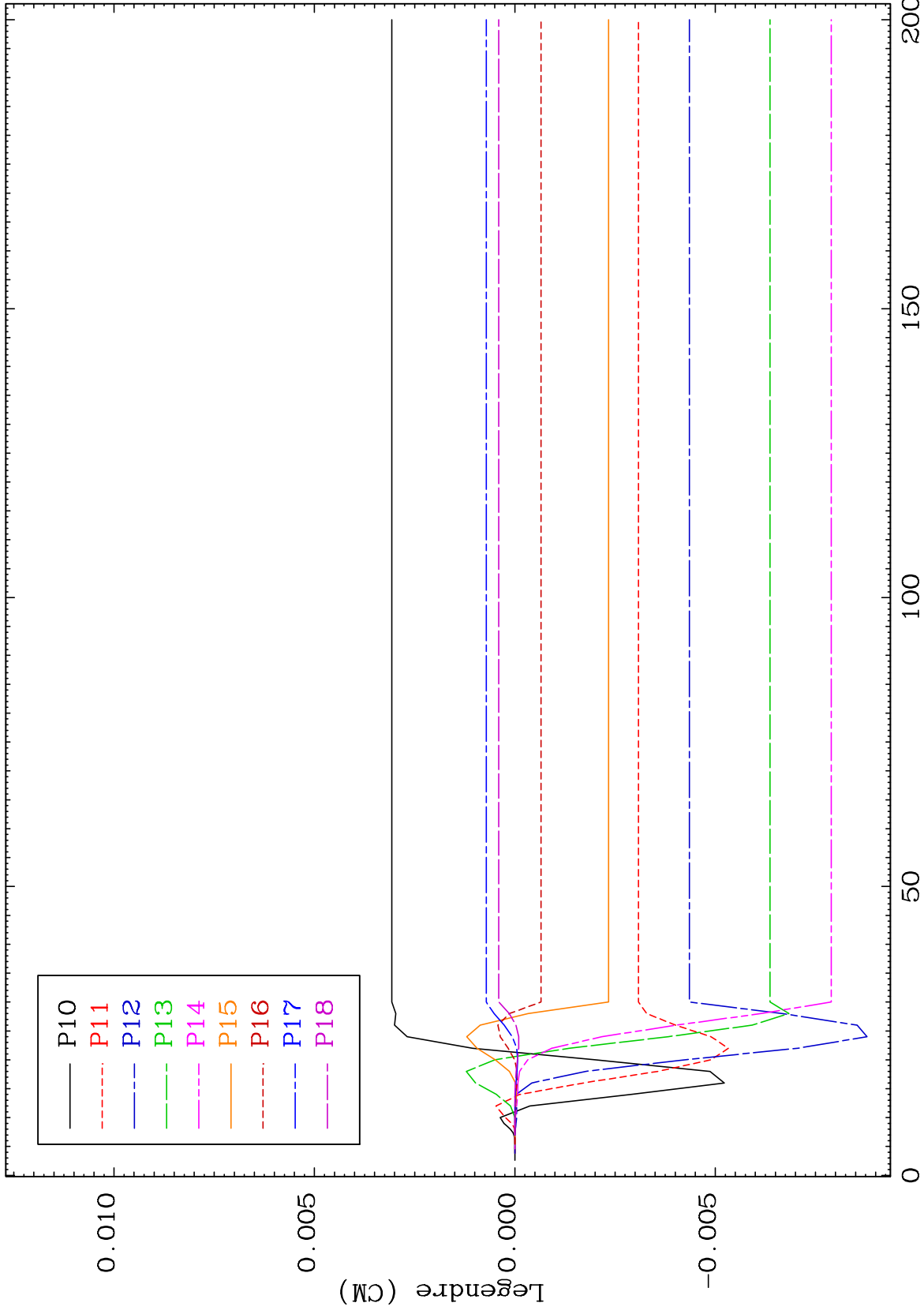
Incident Energy (MeV)

50-Sn-116

MAT 5037

2.366 MeV (n,n') Level
Legendre Coefficients

50-Sn-116



43

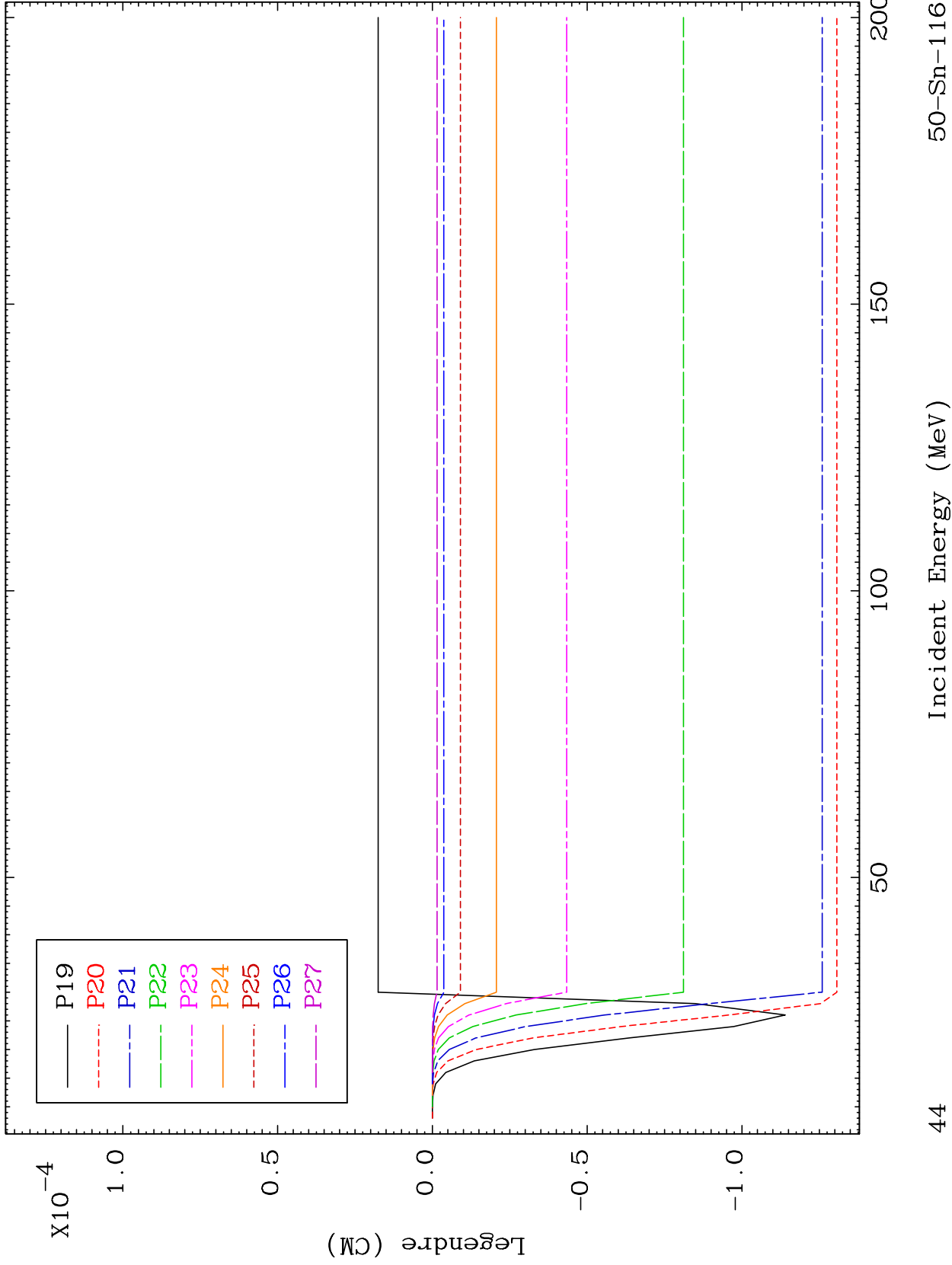
Incident Energy (MeV)

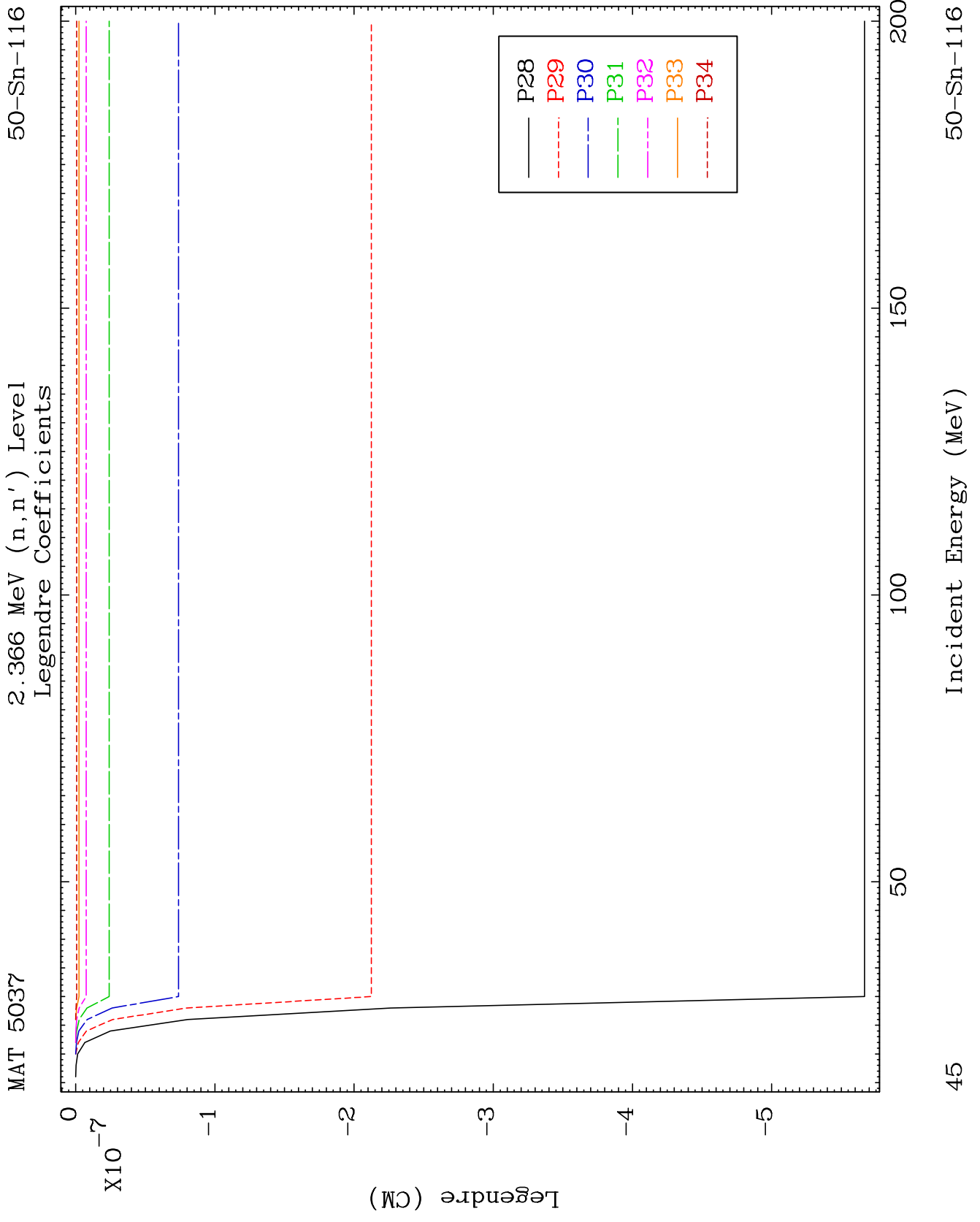
50-Sn-116

MAT 5037

2.366 MeV (n,n') Level
Legendre Coefficients

50-Sn-116

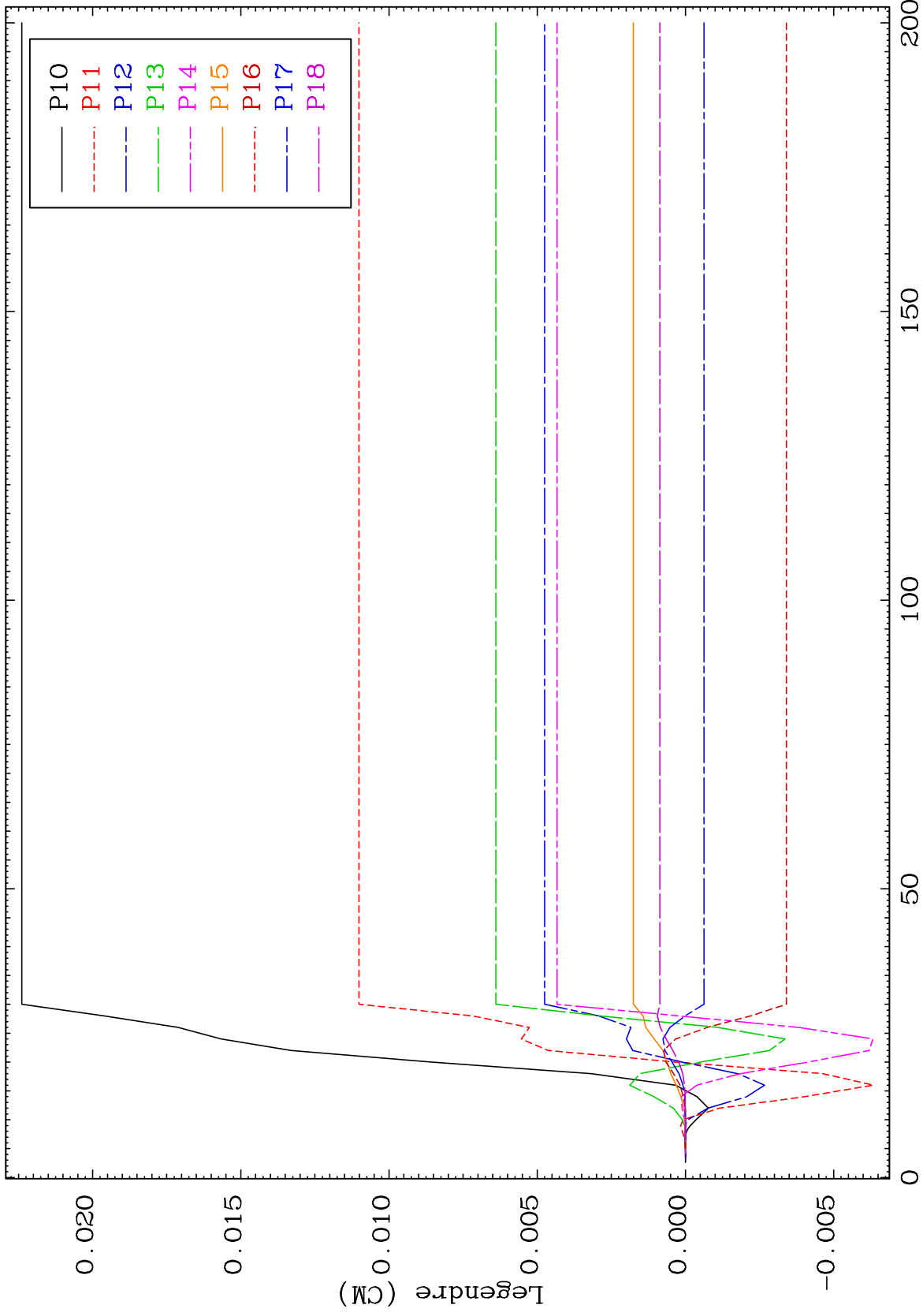




MAT 5037

2.391 MeV (n,n') Level
Legendre Coefficients

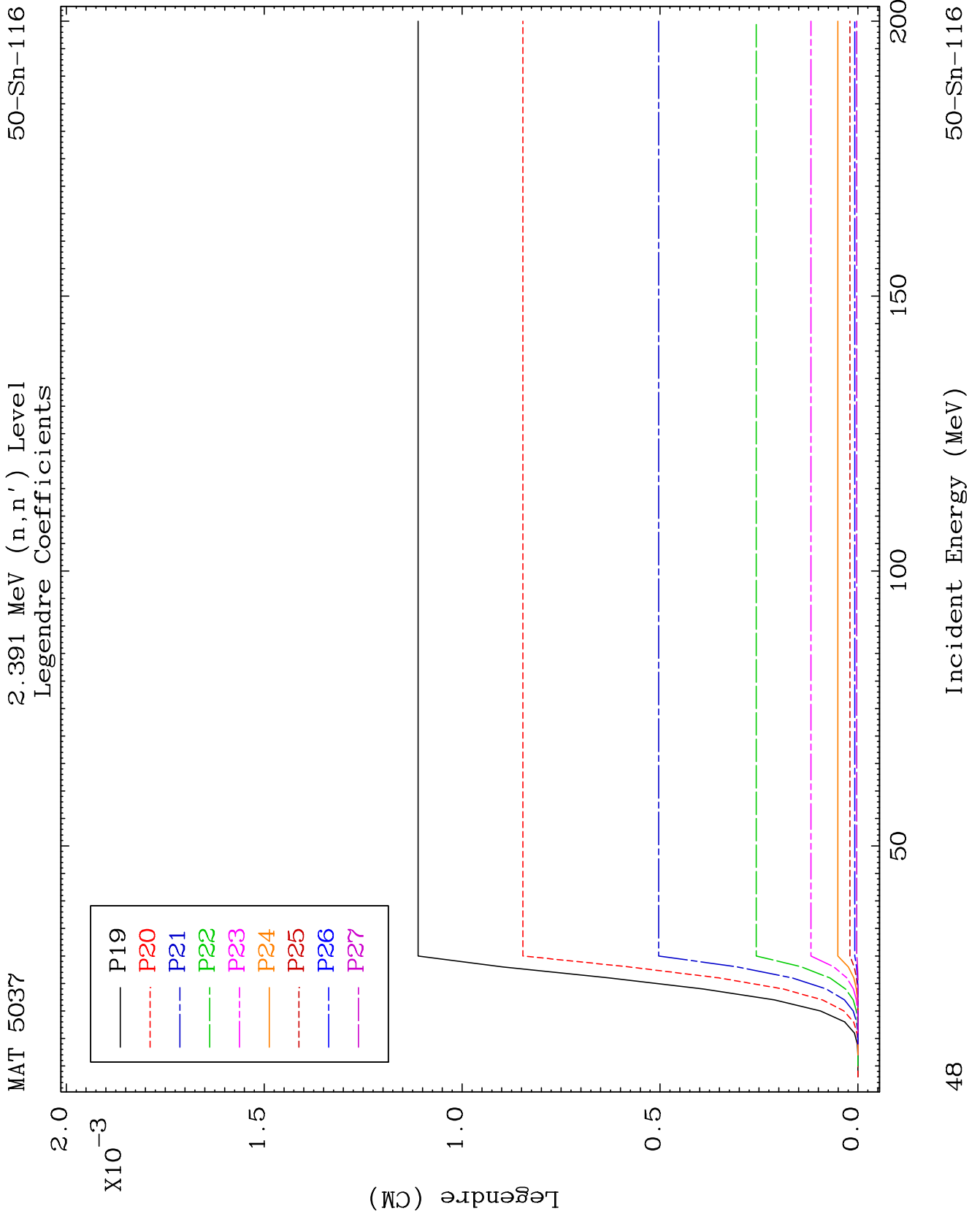
50-Sn-116

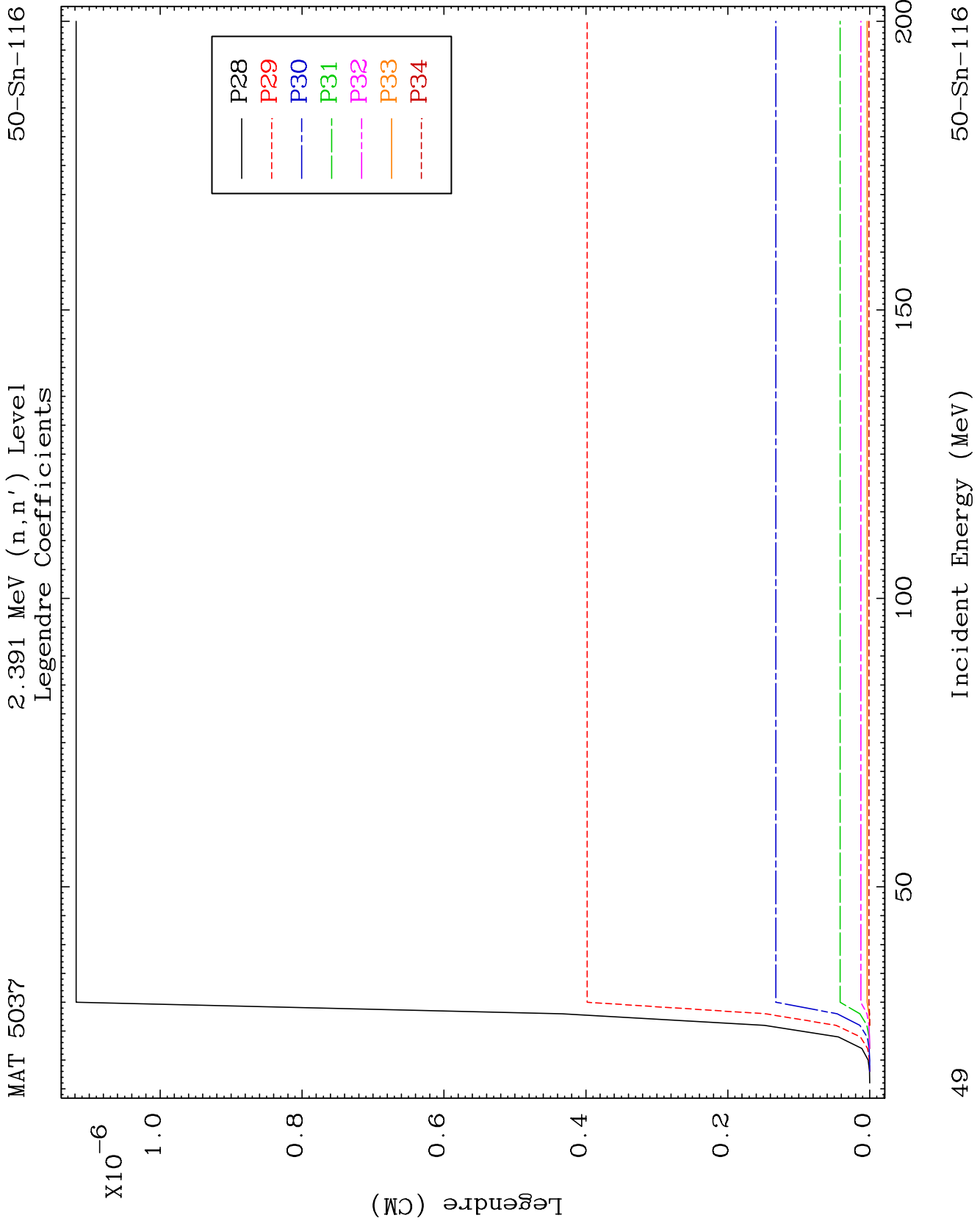


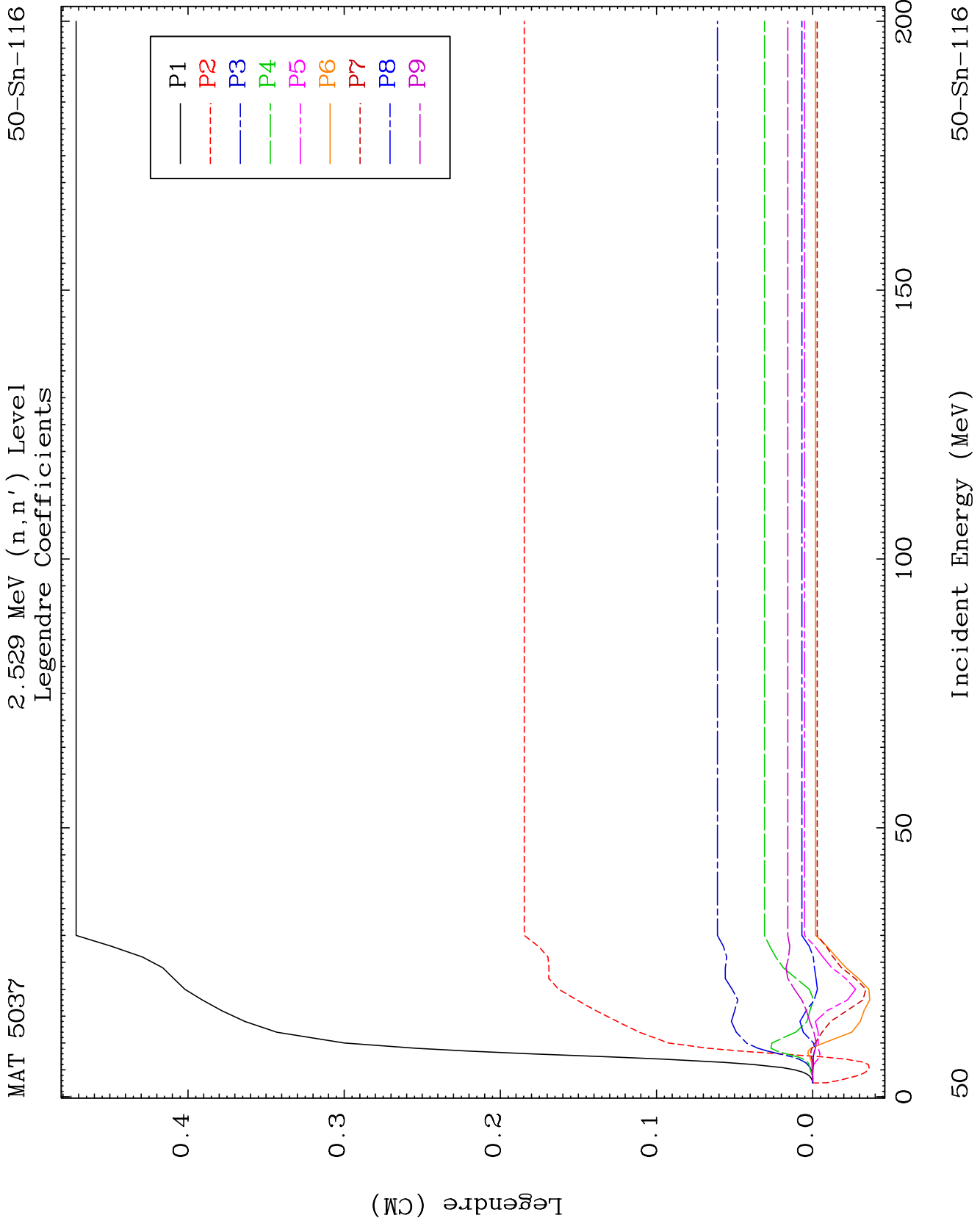
47

Incident Energy (MeV)

50-Sn-116



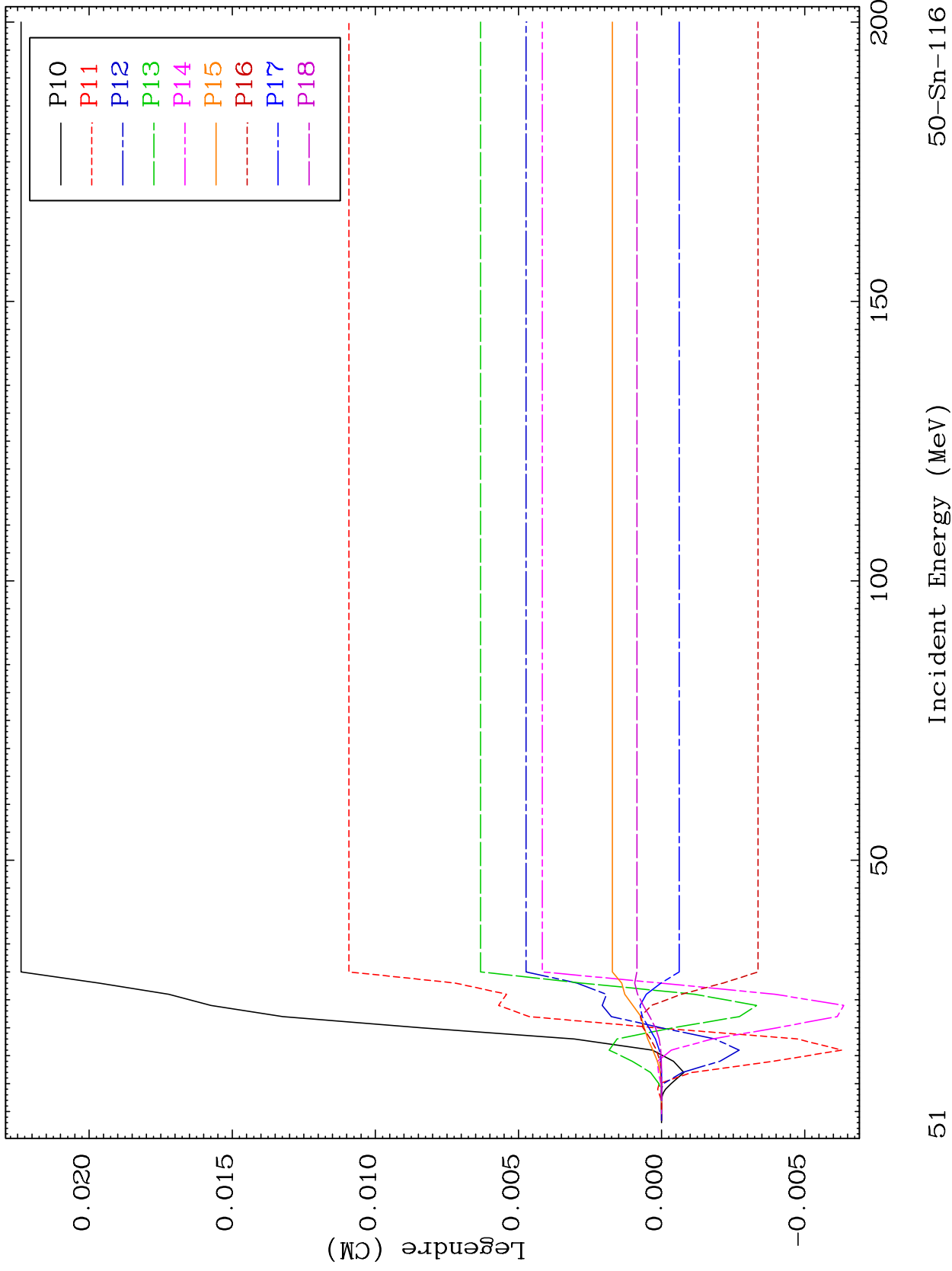




MAT 5037

2.529 MeV (n,n') Level
Legendre Coefficients

50-Sn-116



51

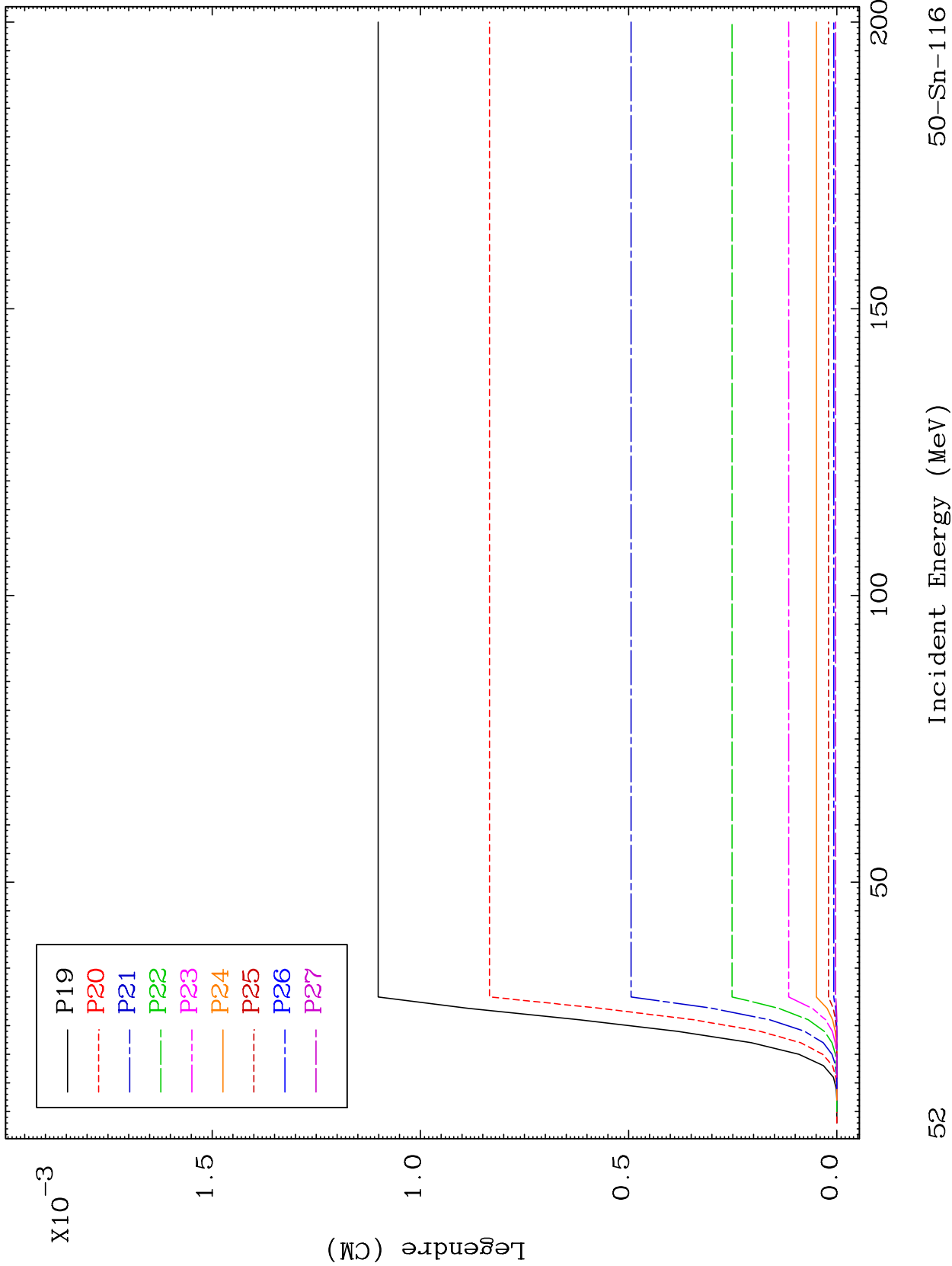
Incident Energy (MeV)

50-Sn-116

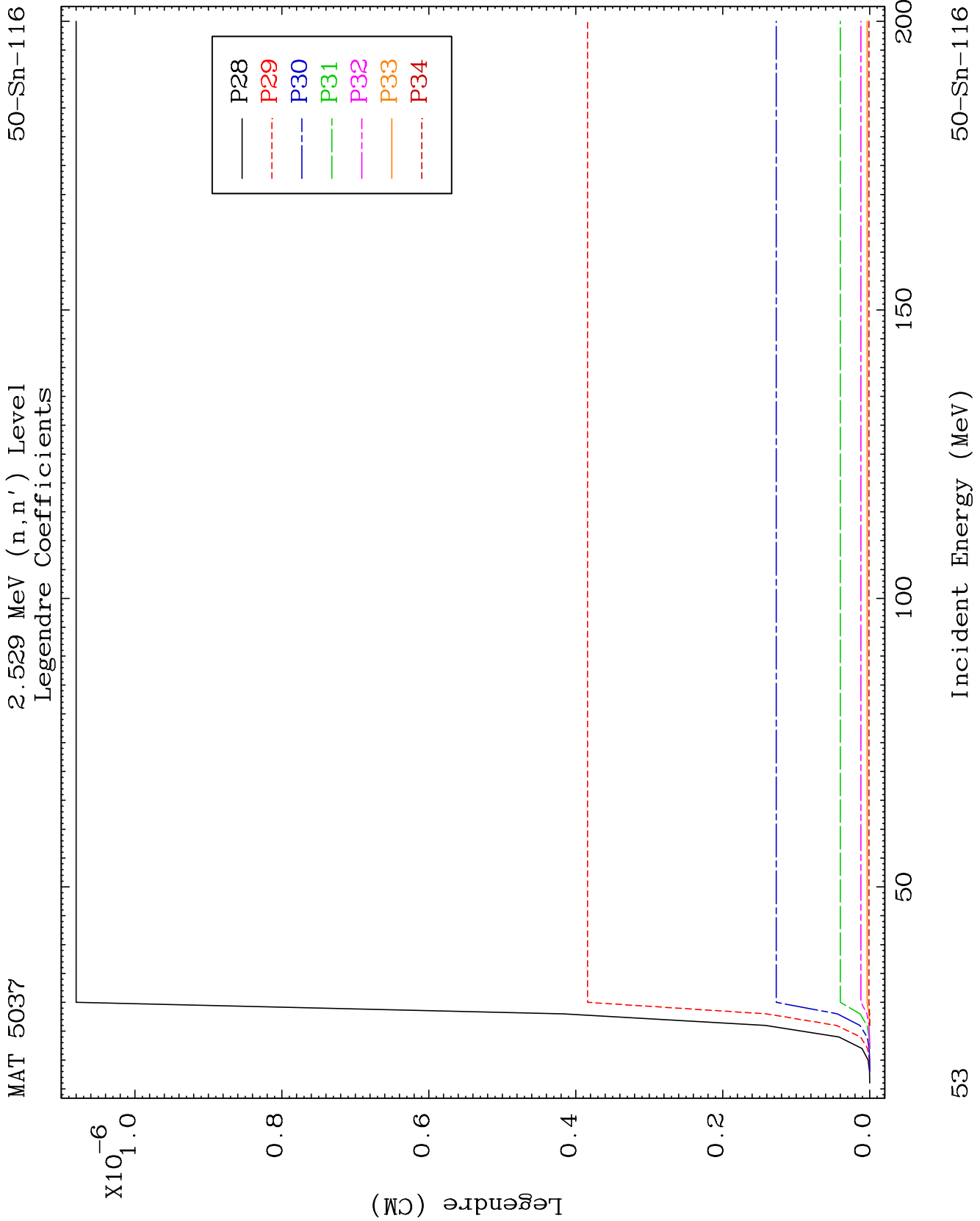
MAT 5037

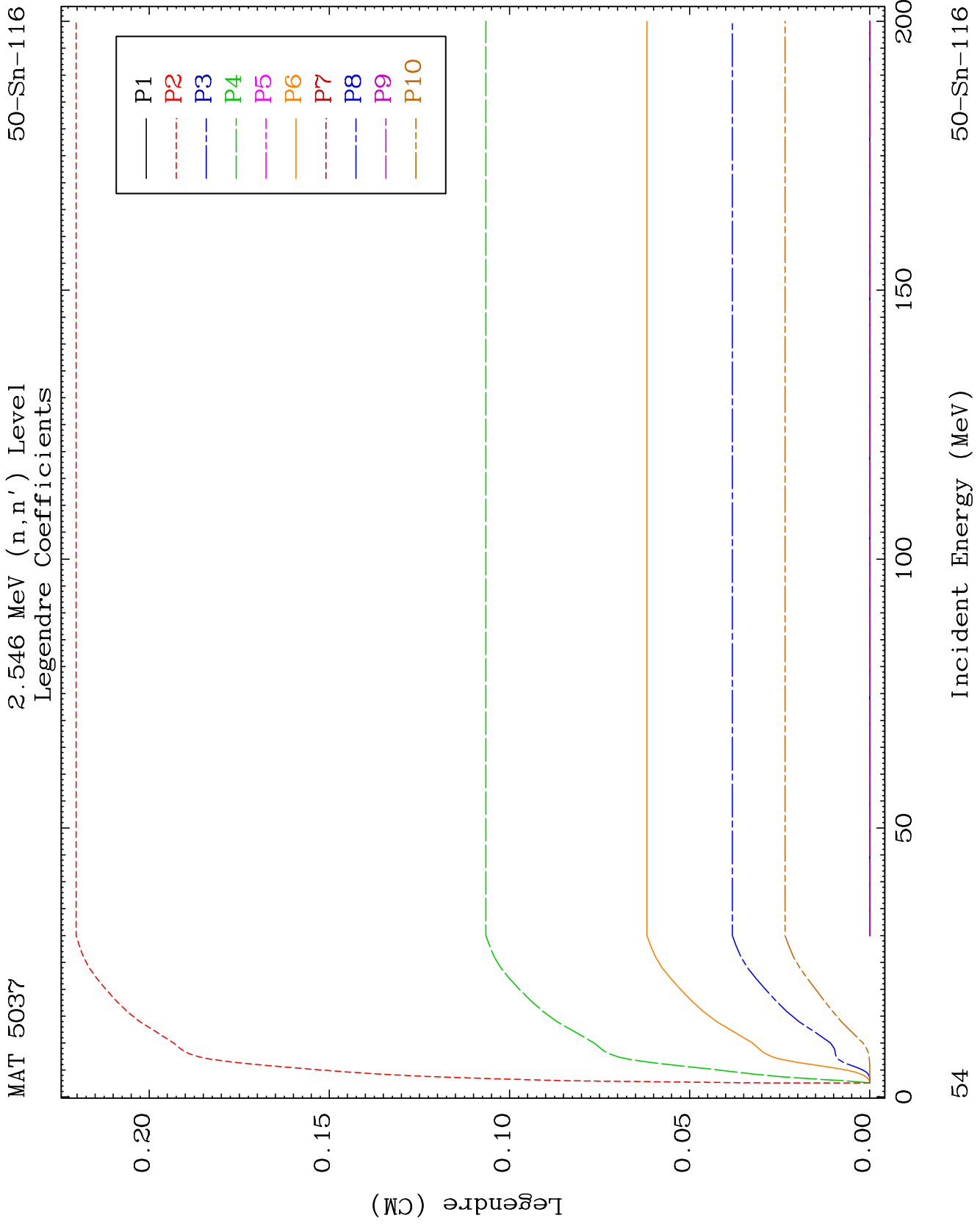
2.529 MeV (n,n') Level
Legendre Coefficients

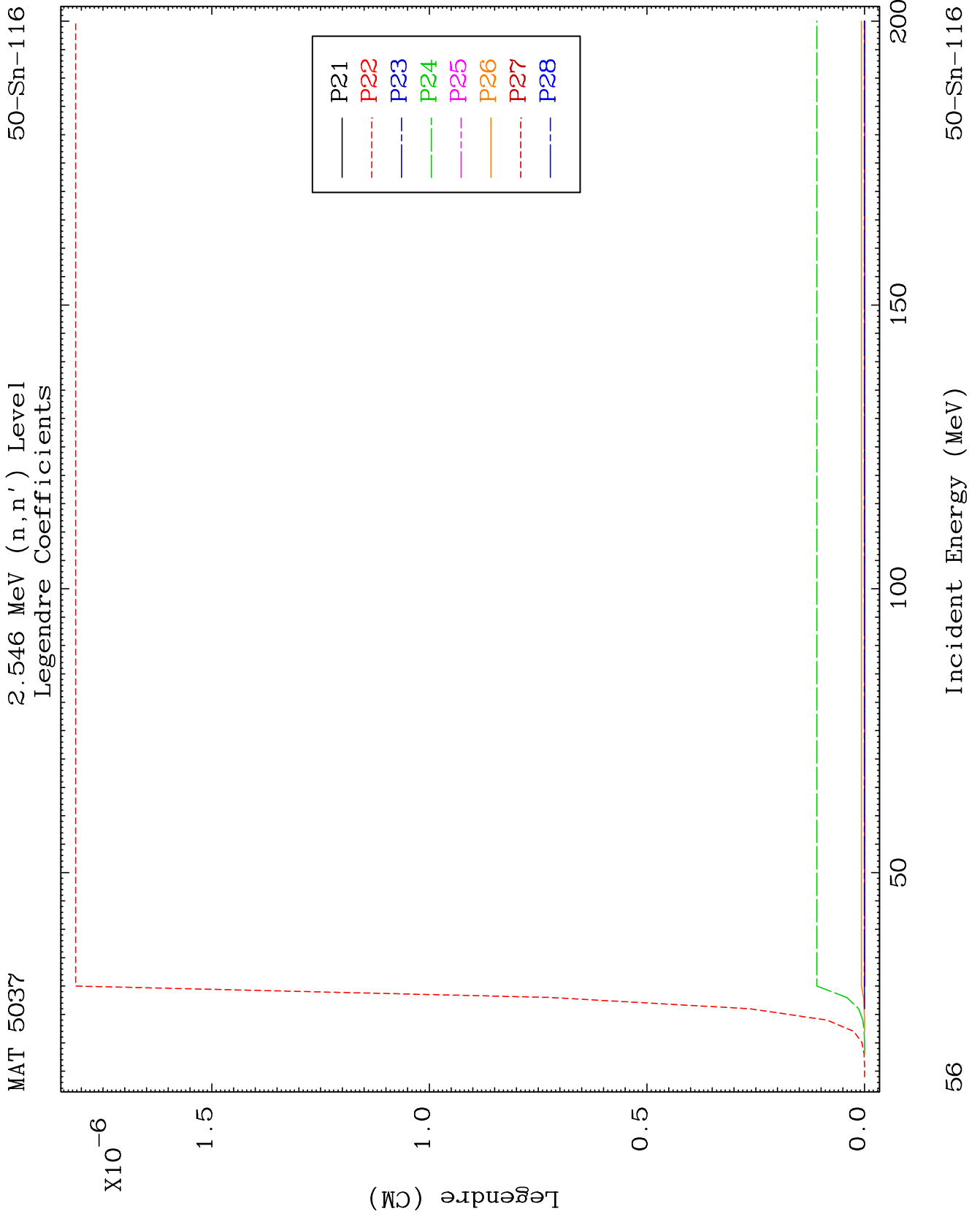
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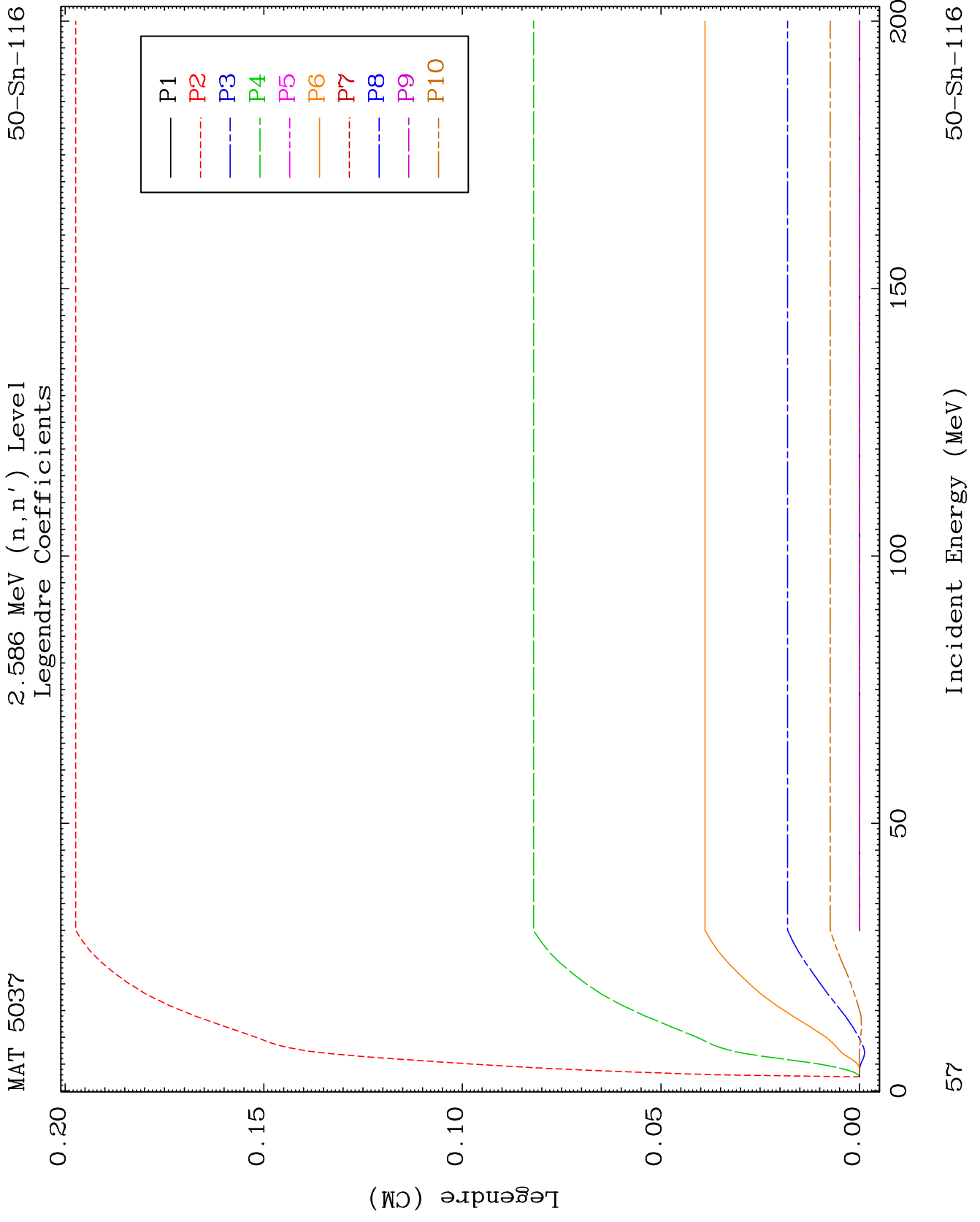


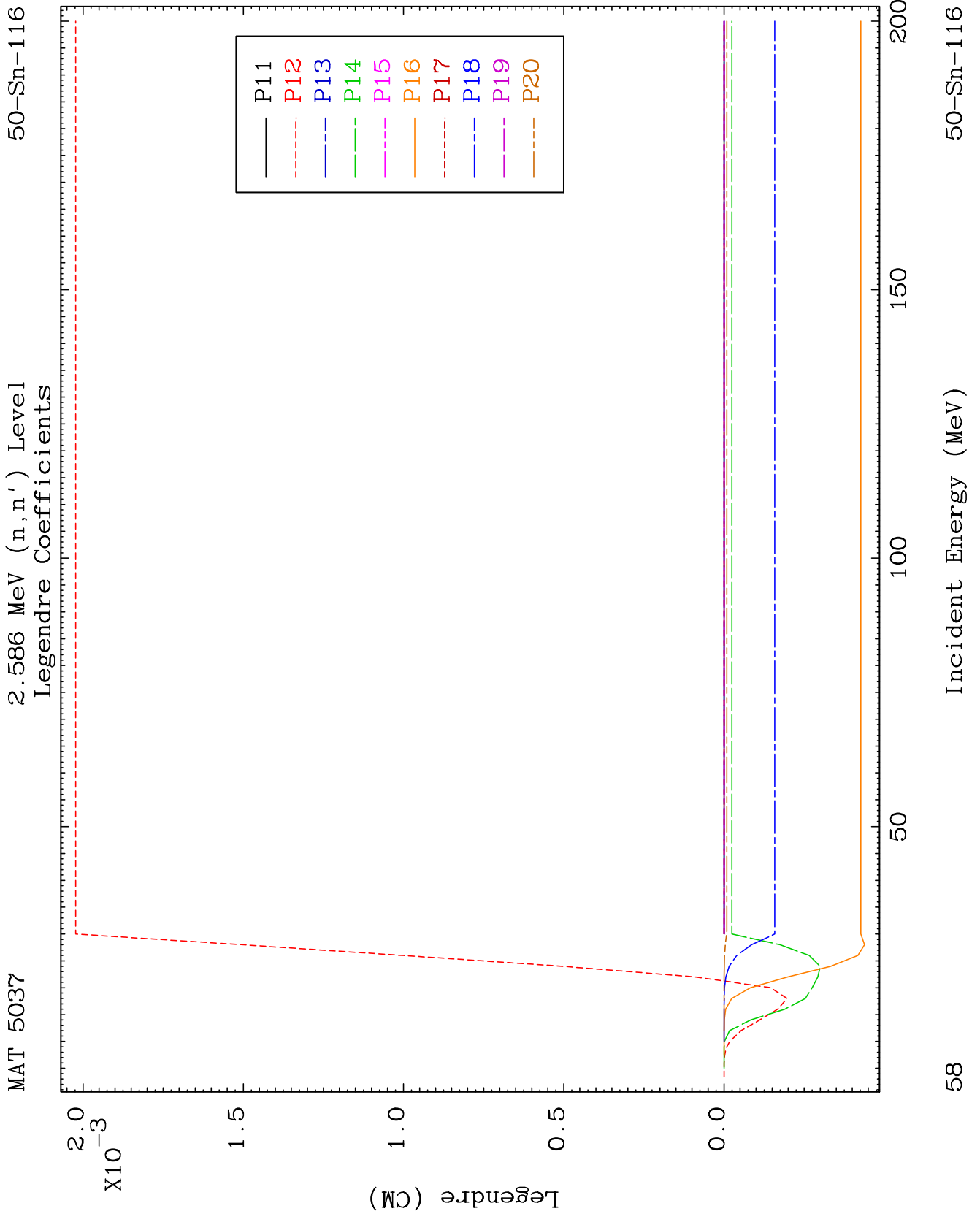
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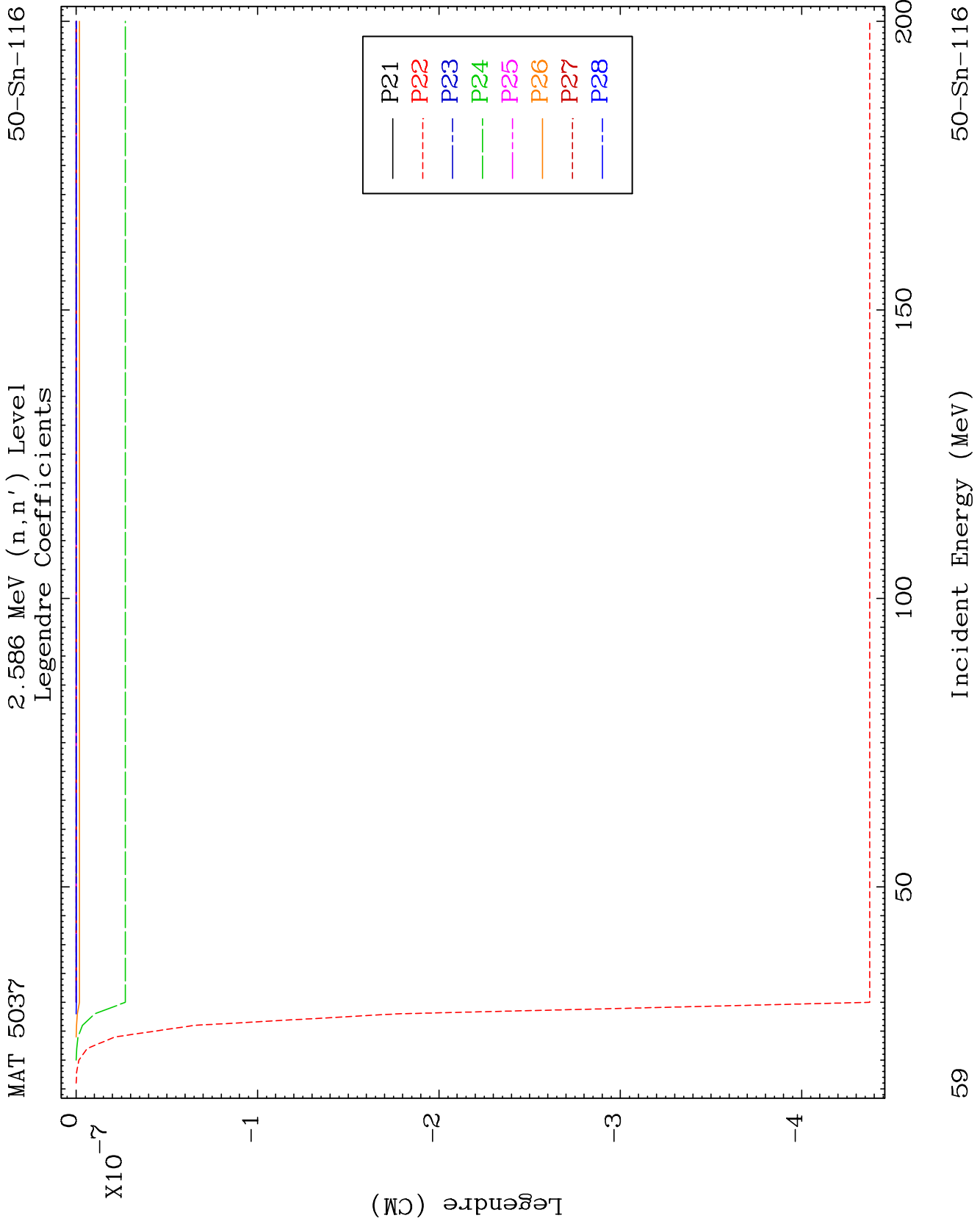


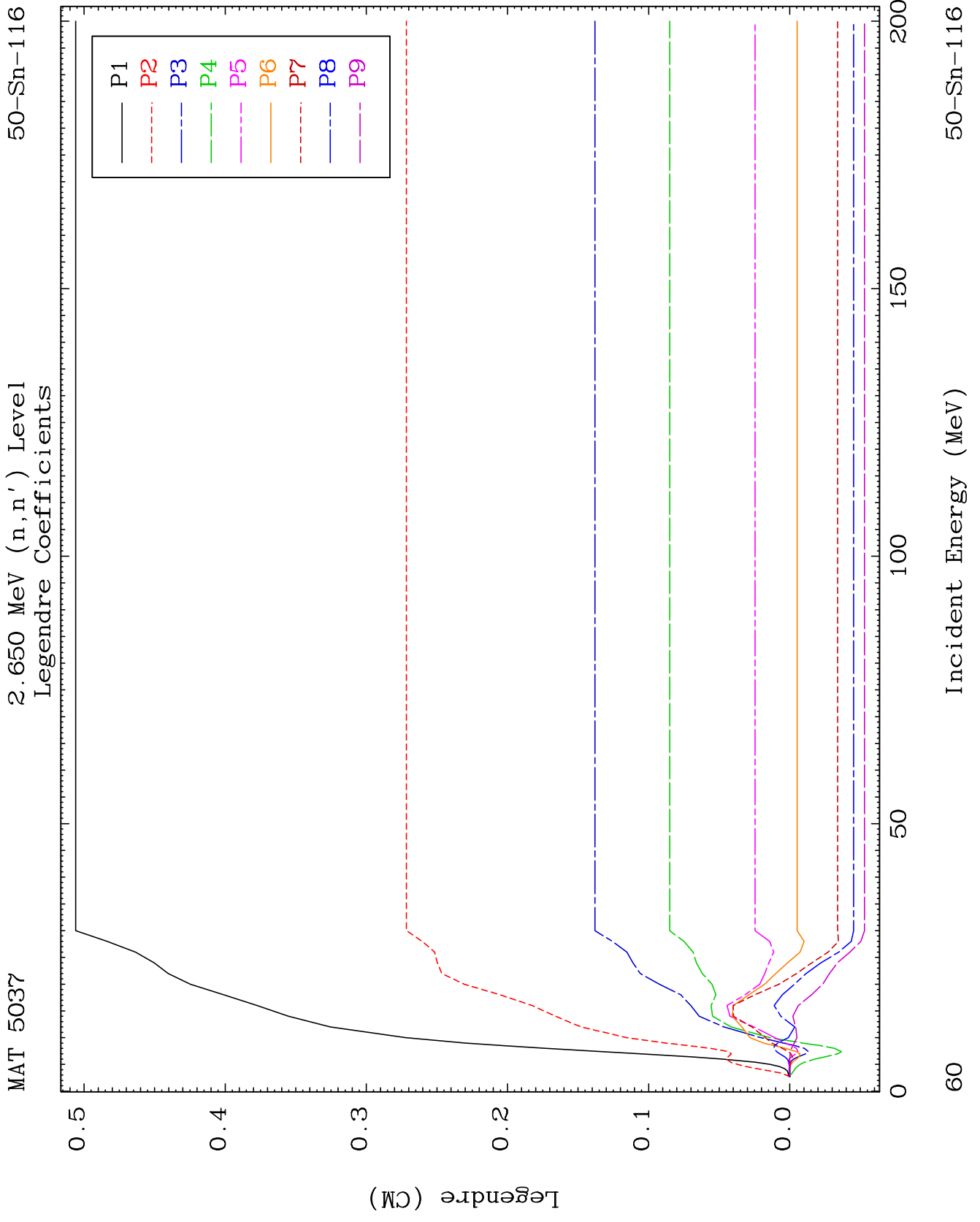


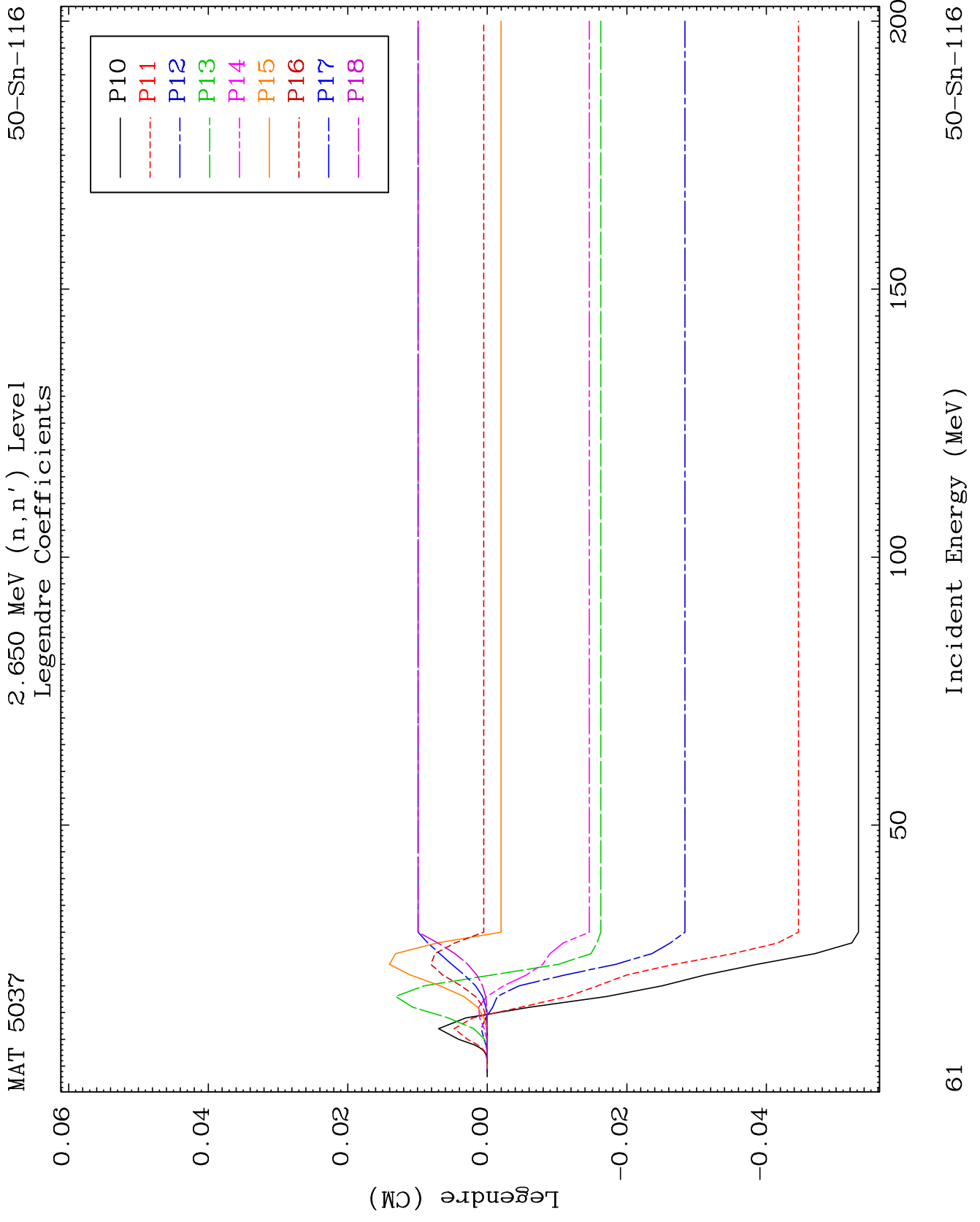


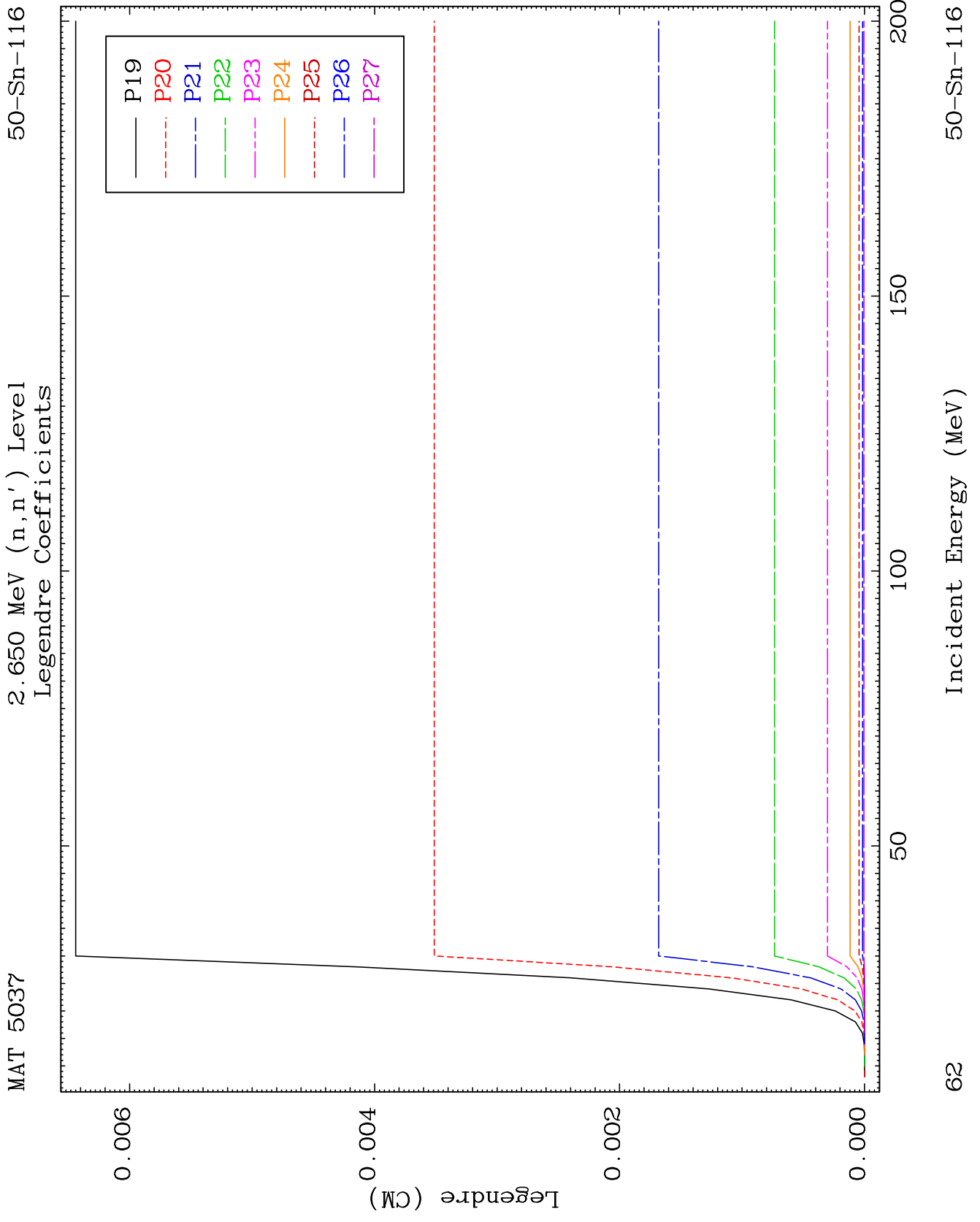


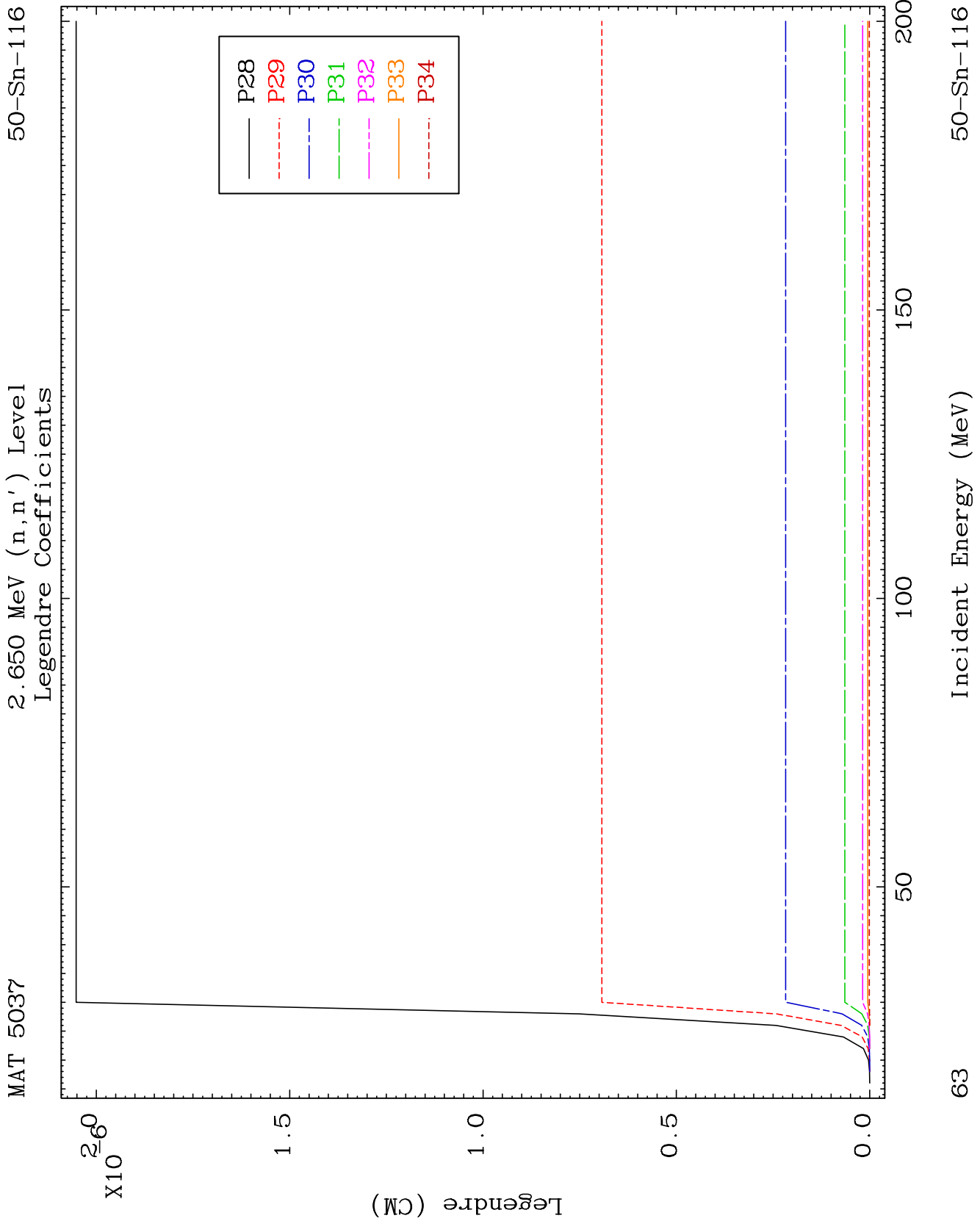








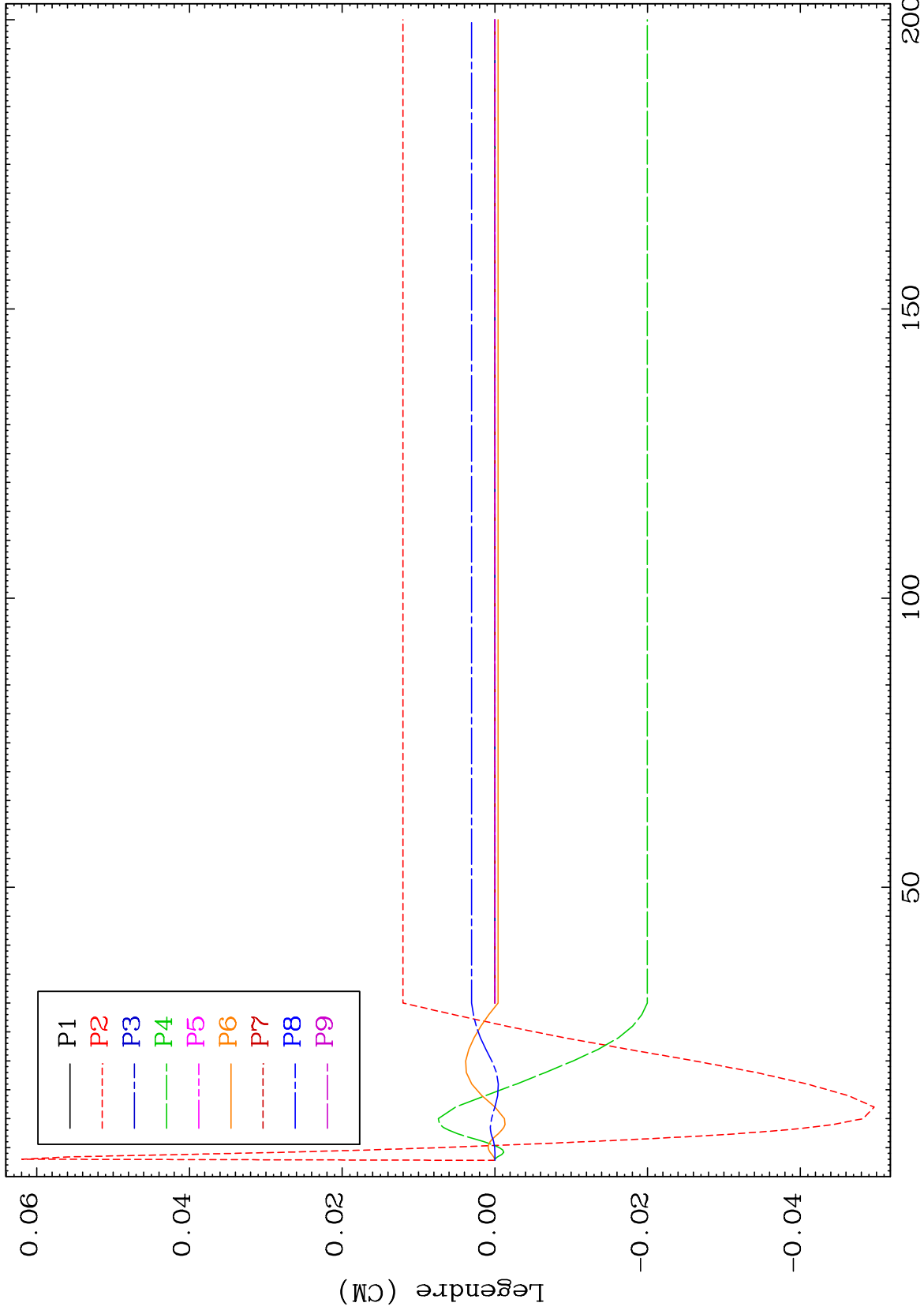




MAT 5037

2.773 MeV (n,n') Level
Legendre Coefficients

50-Sn-116



64

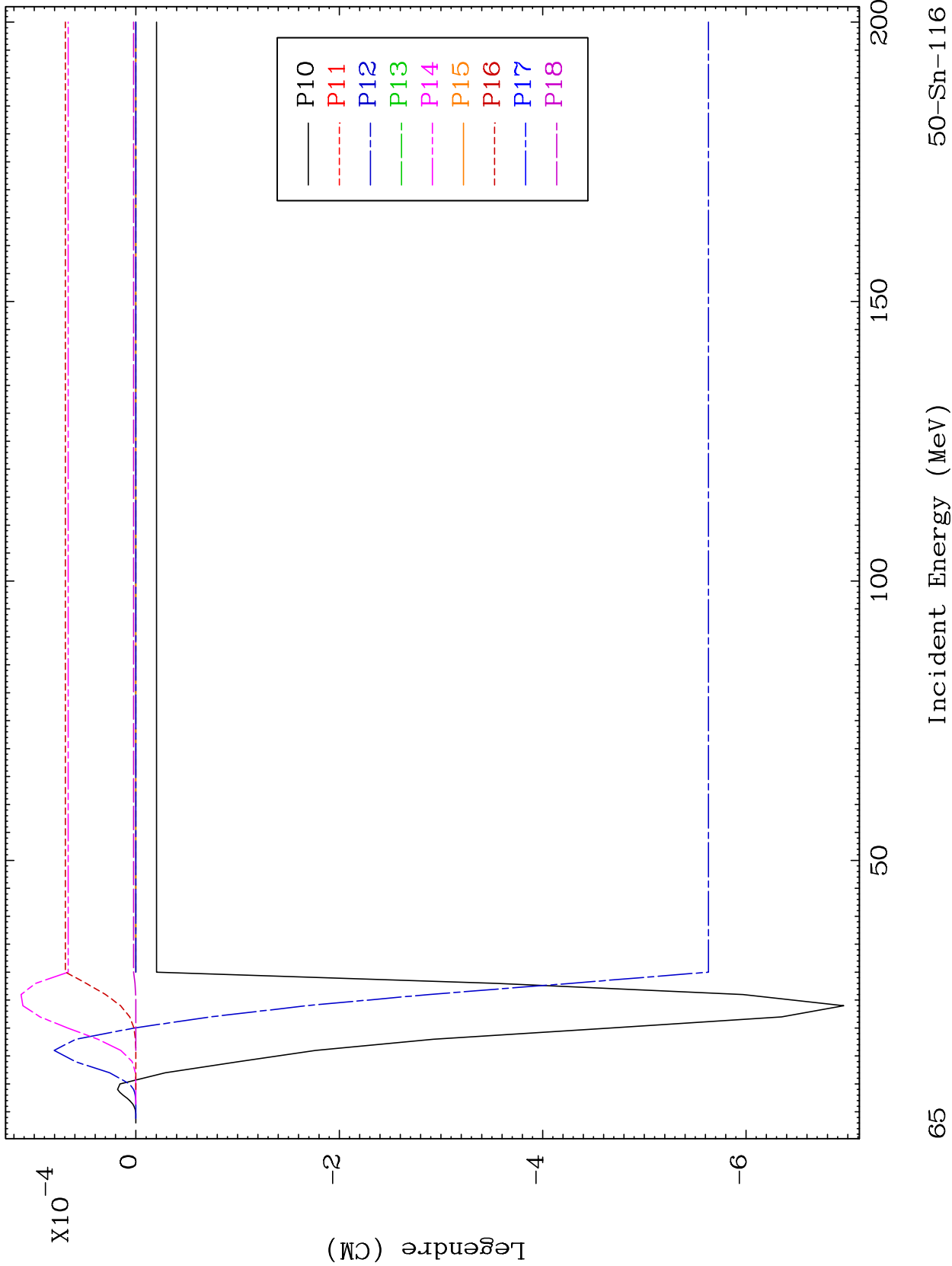
Incident Energy (MeV)

50-Sn-116

MAT 5037

2.773 MeV (n,n') Level
Legendre Coefficients

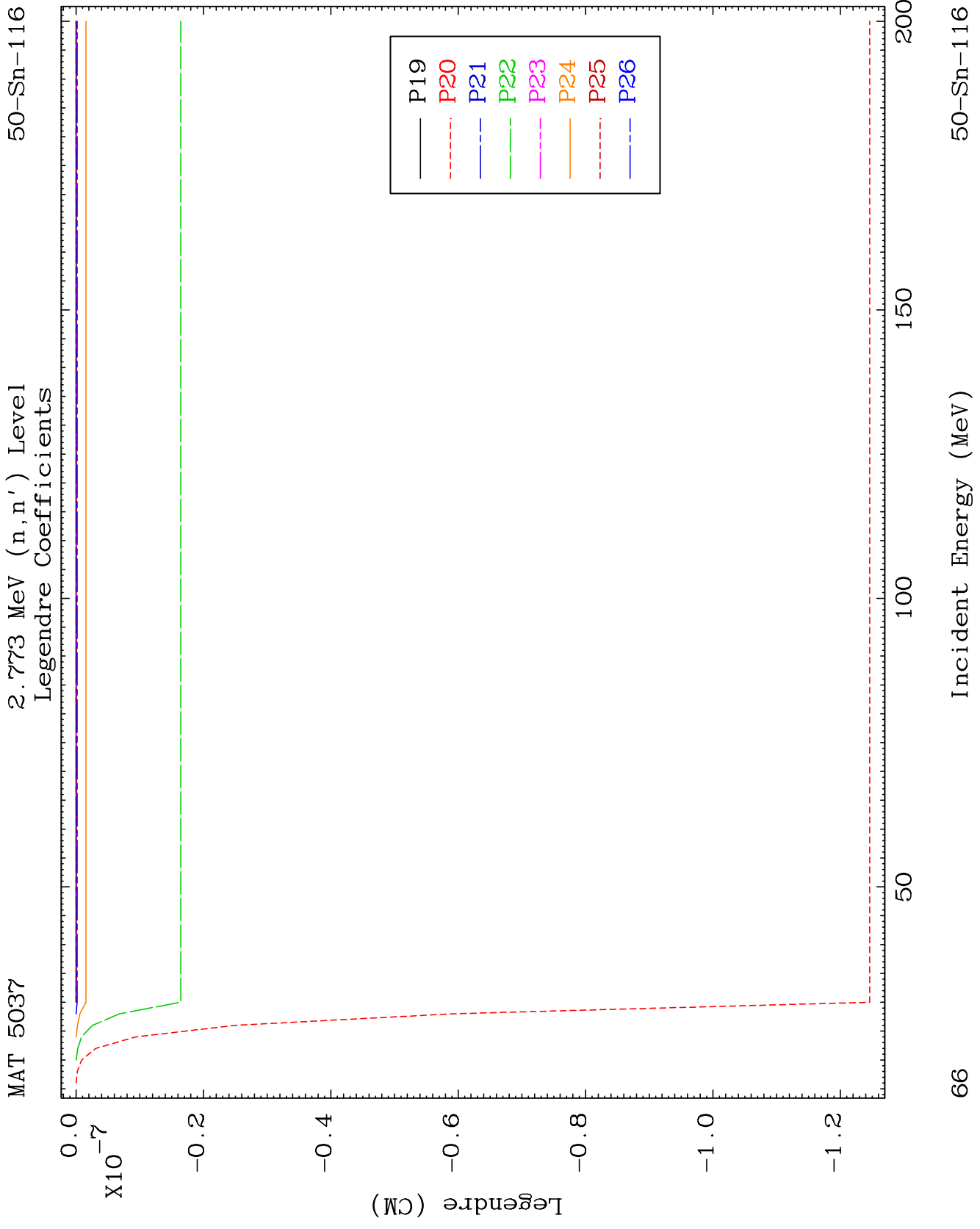
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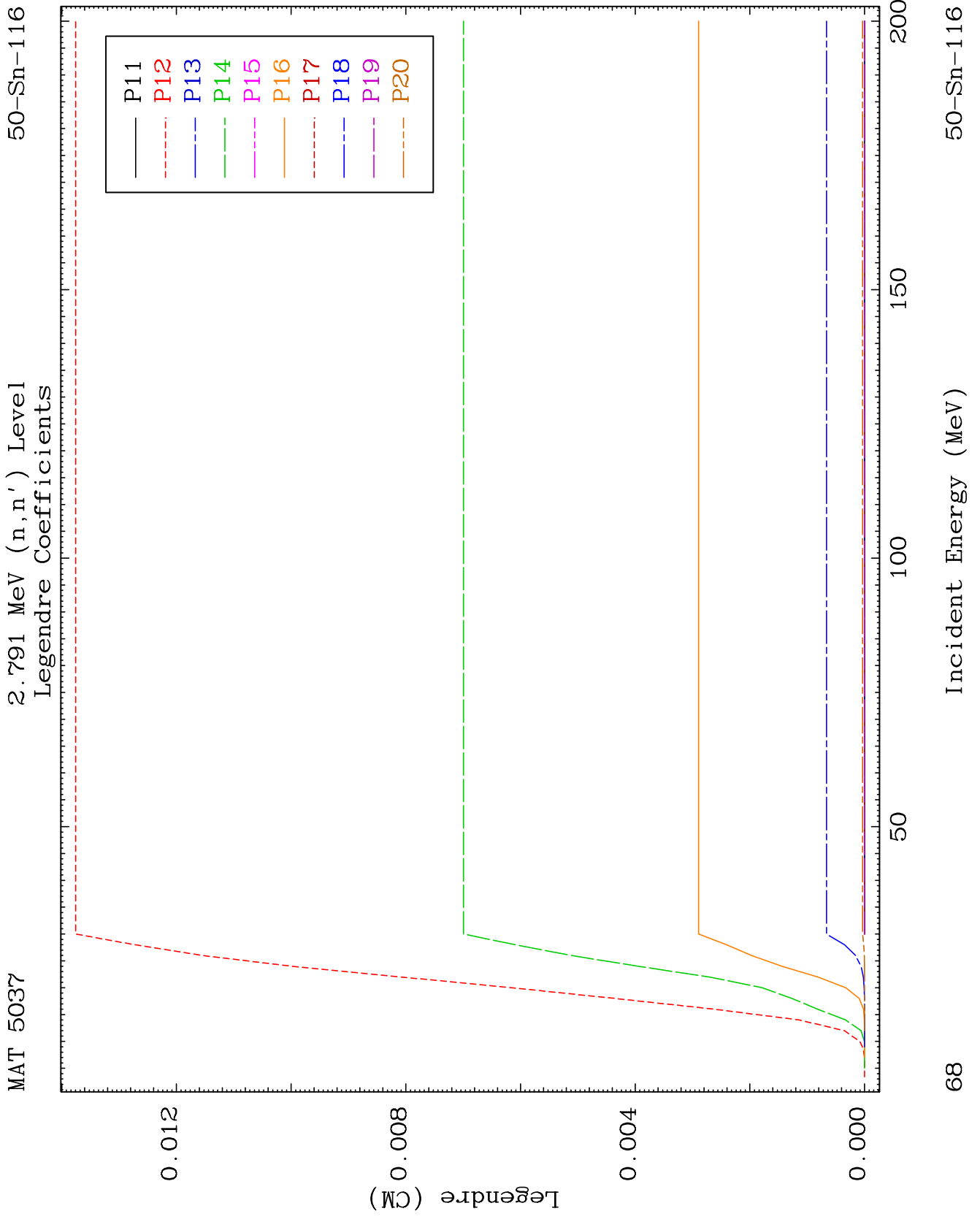


65

Incident Energy (MeV)

50-Sn-116

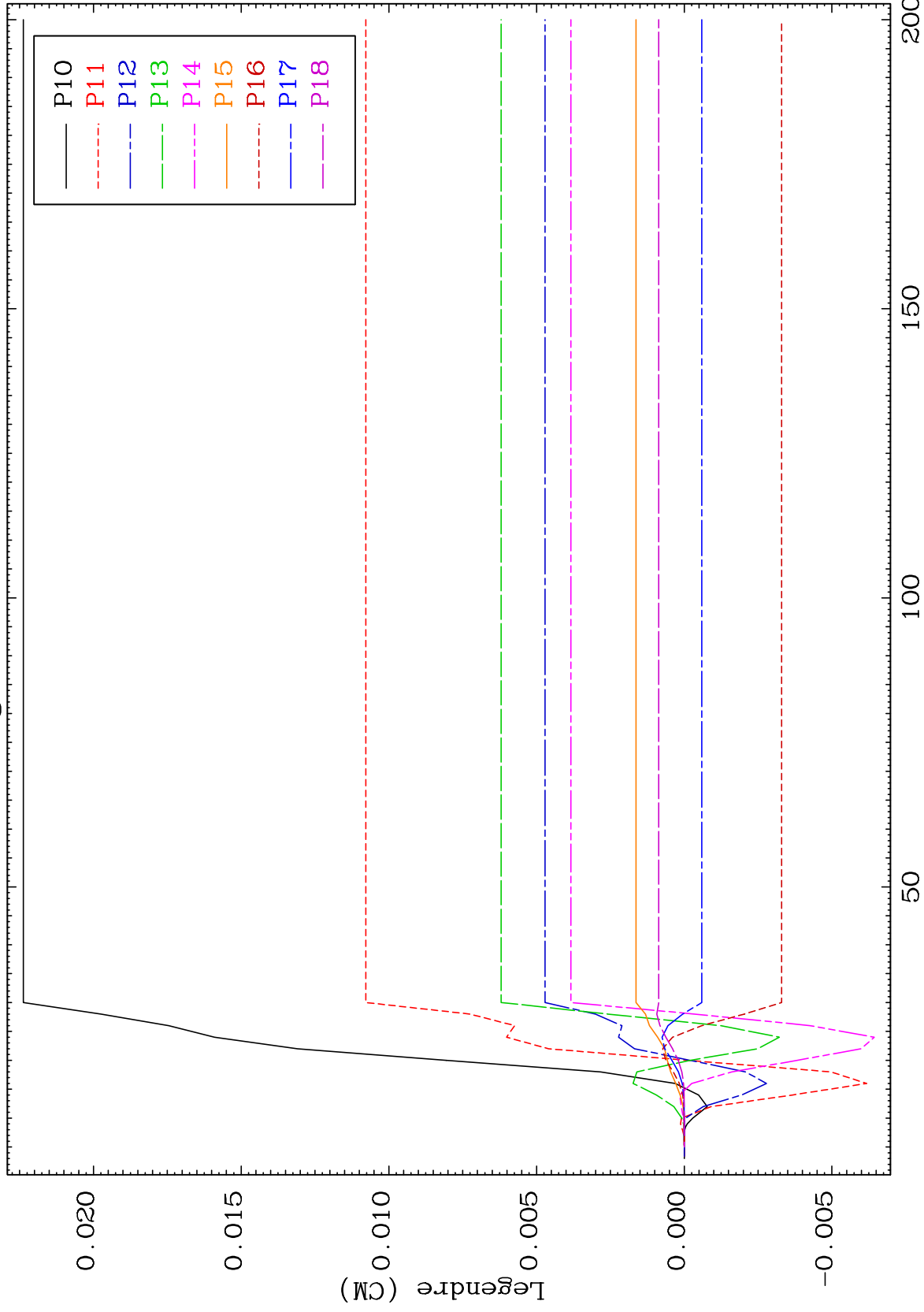




MAT 5037

2.801 MeV (n,n') Level
Legendre Coefficients

50-Sn-116



71

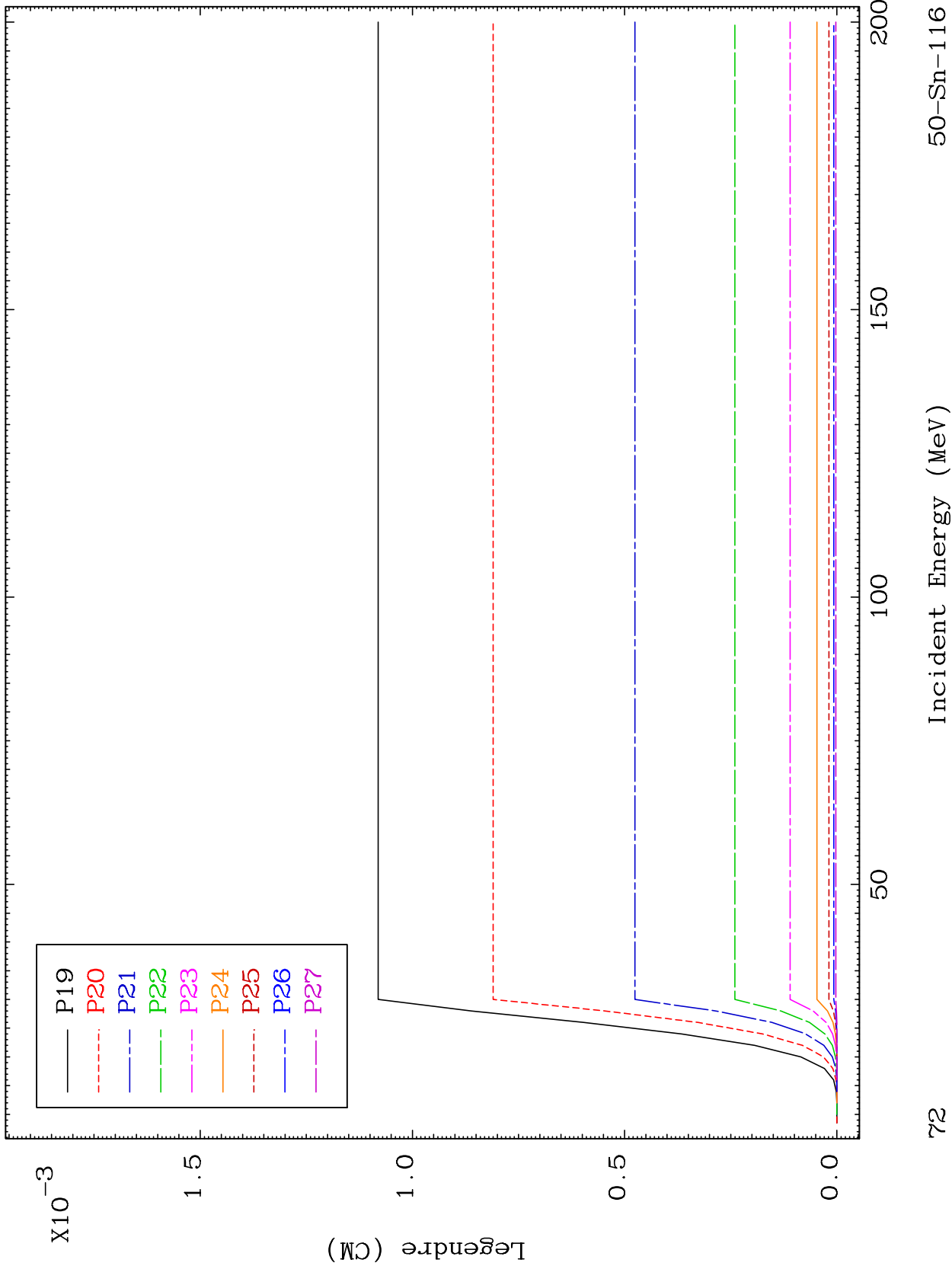
Incident Energy (MeV)

50-Sn-116

MAT 5037

2.801 MeV (n,n') Level
Legendre Coefficients

50-Sn-116

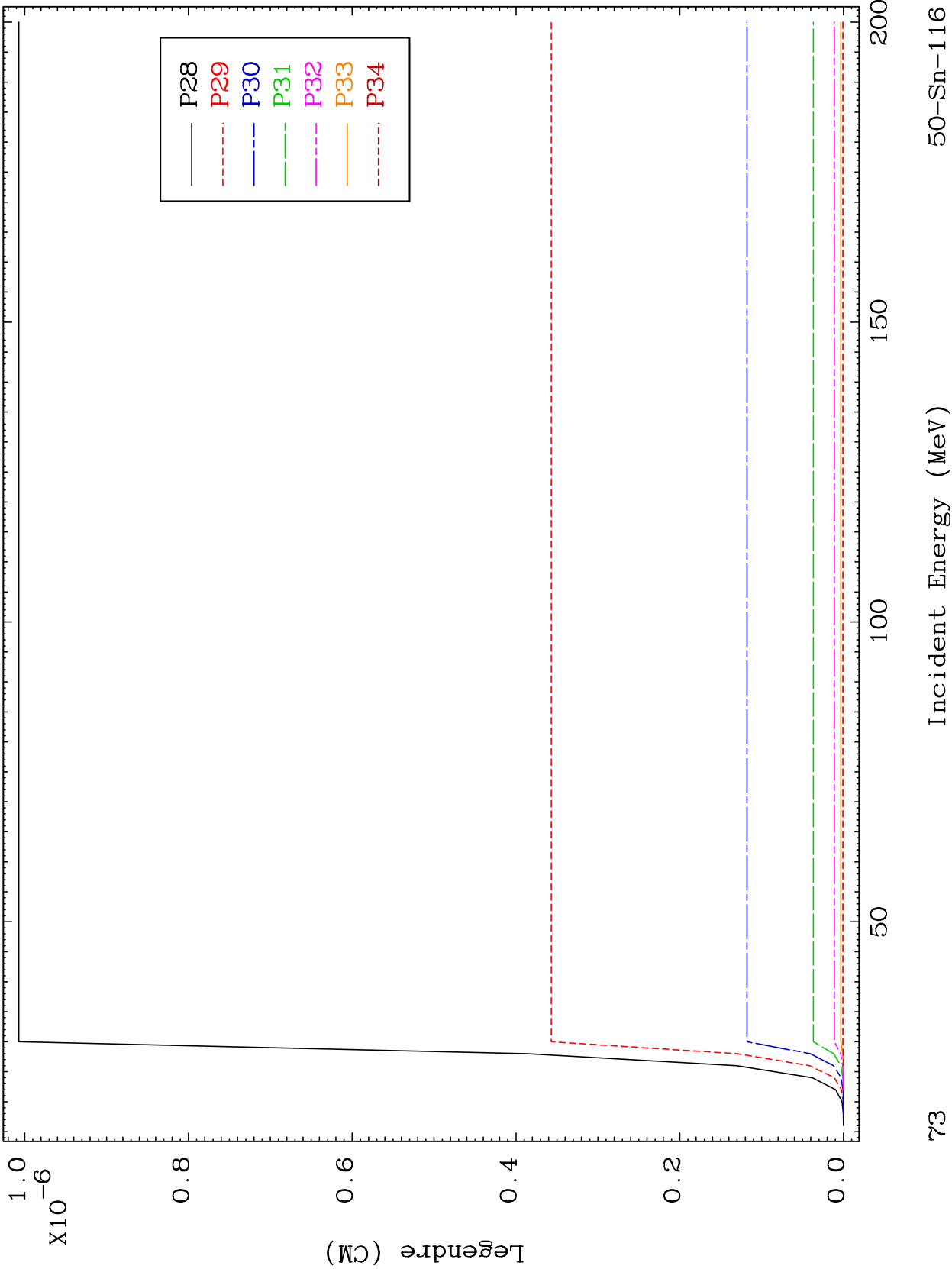


MAT 5037

2.801 MeV (n,n') Level

50-Sn-116

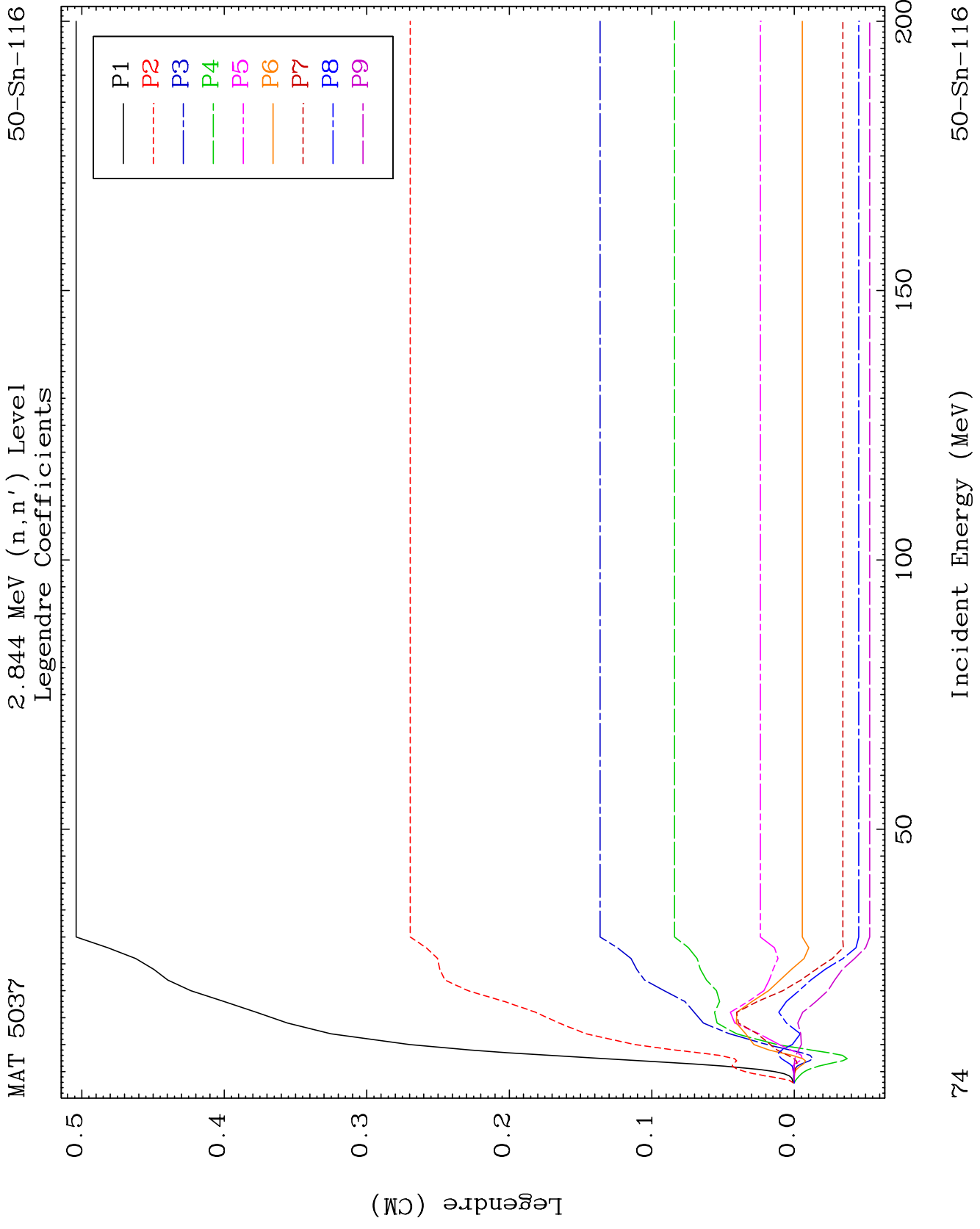
Legendre Coefficients

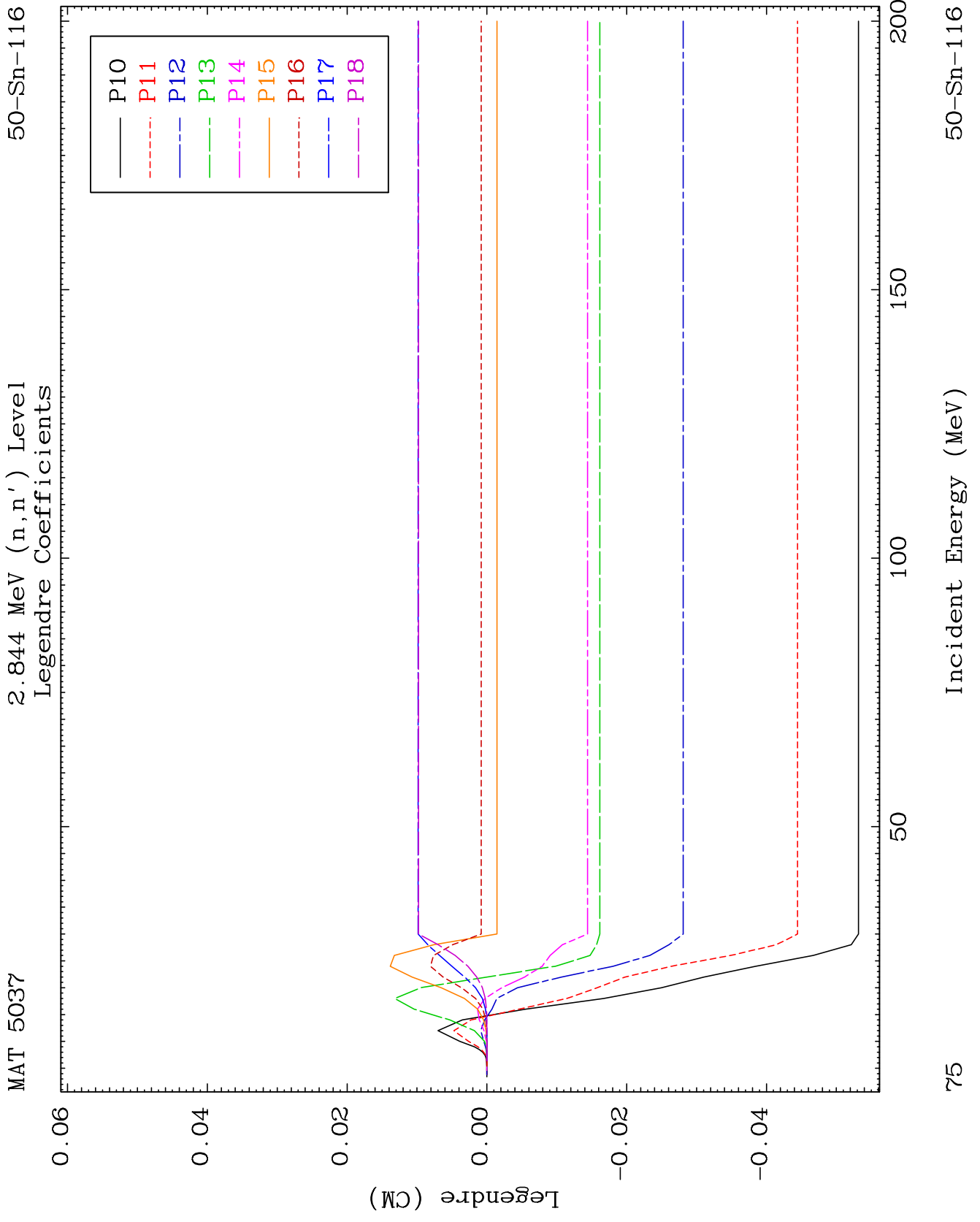


50-Sn-116

Incident Energy (MeV)

73

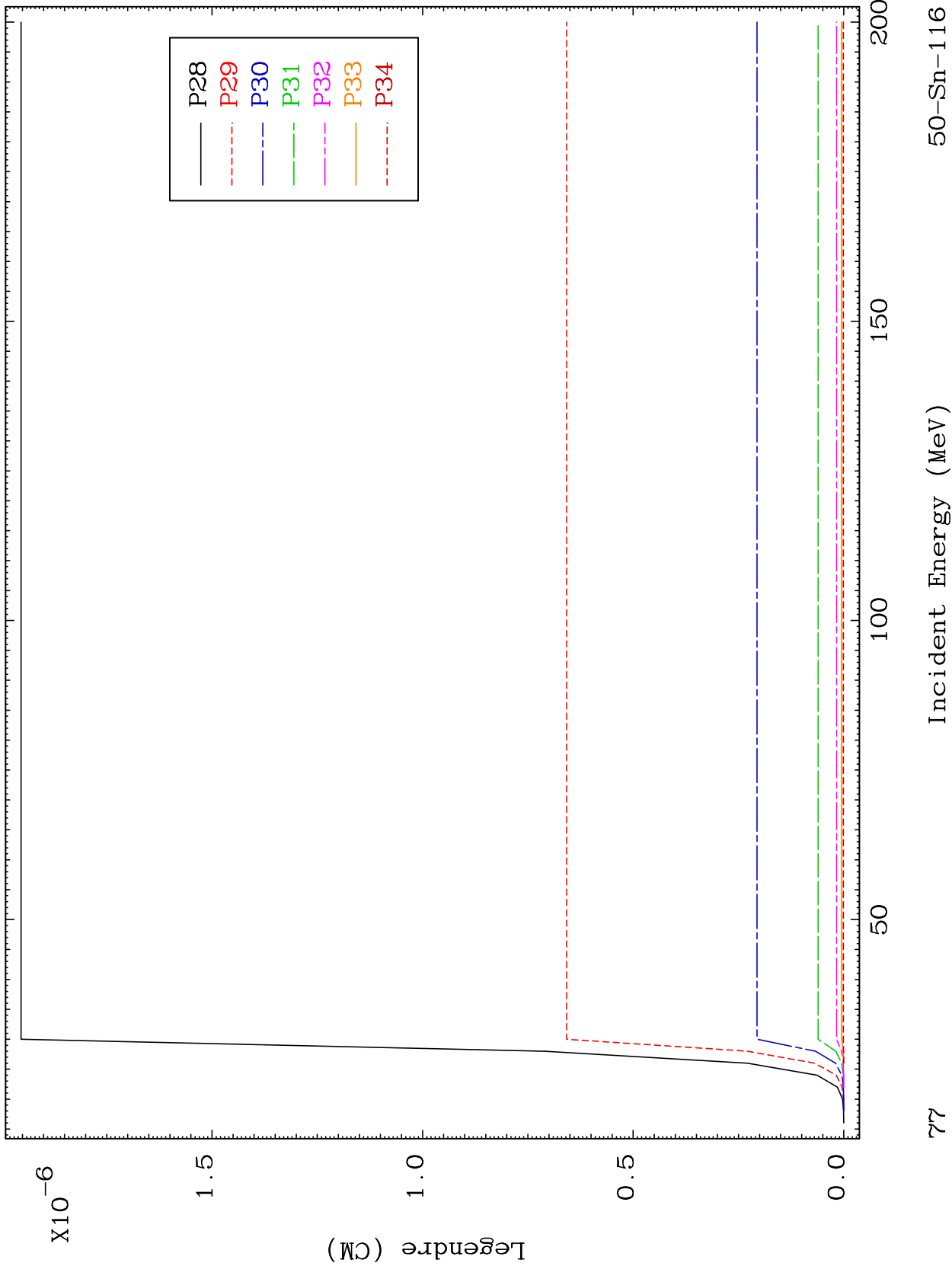




MAT 5037

2.844 MeV (n,n') Level
Legendre Coefficients

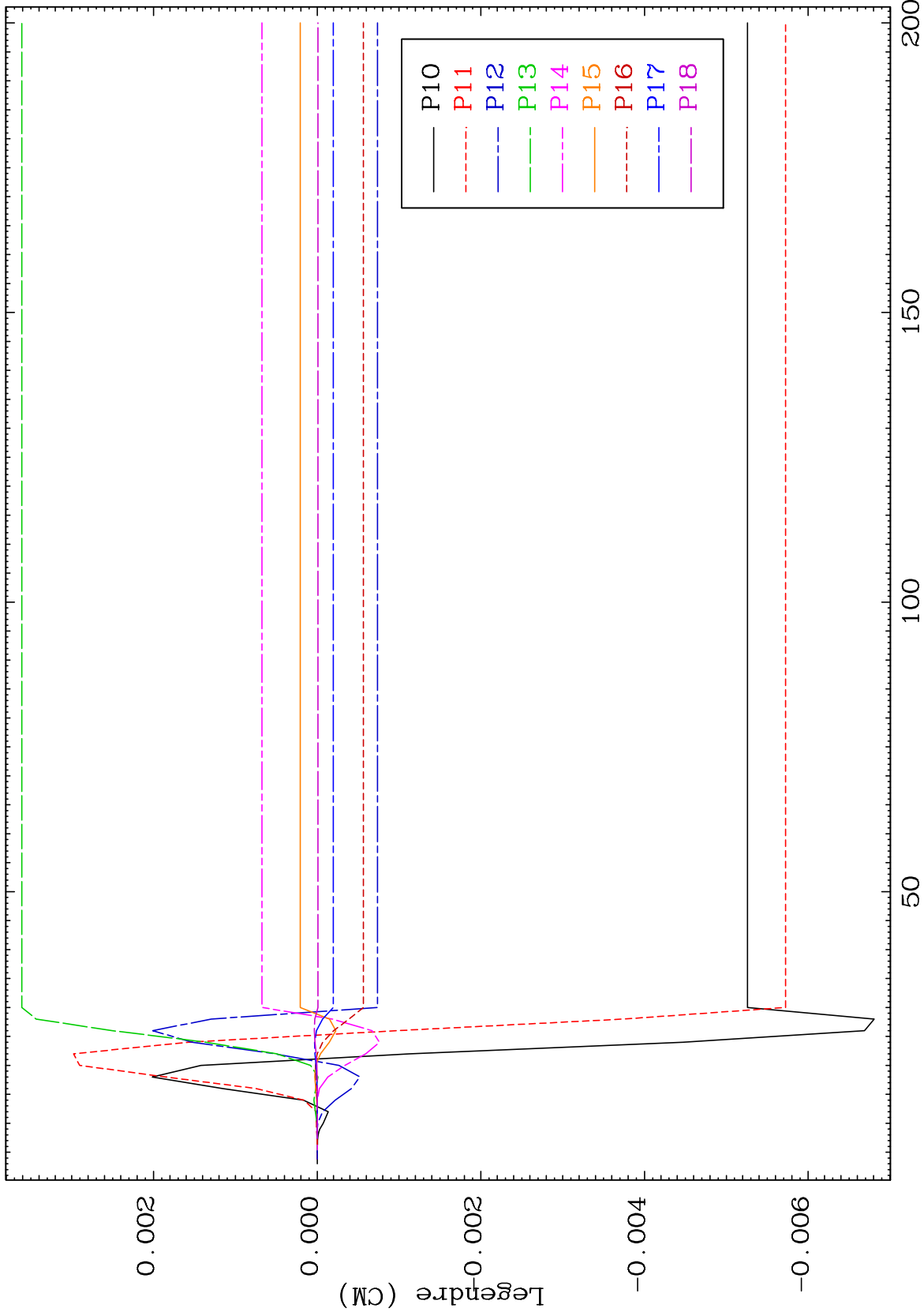
50-Sn-116



MAT 5037

2.909 MeV (n,n') Level
Legendre Coefficients

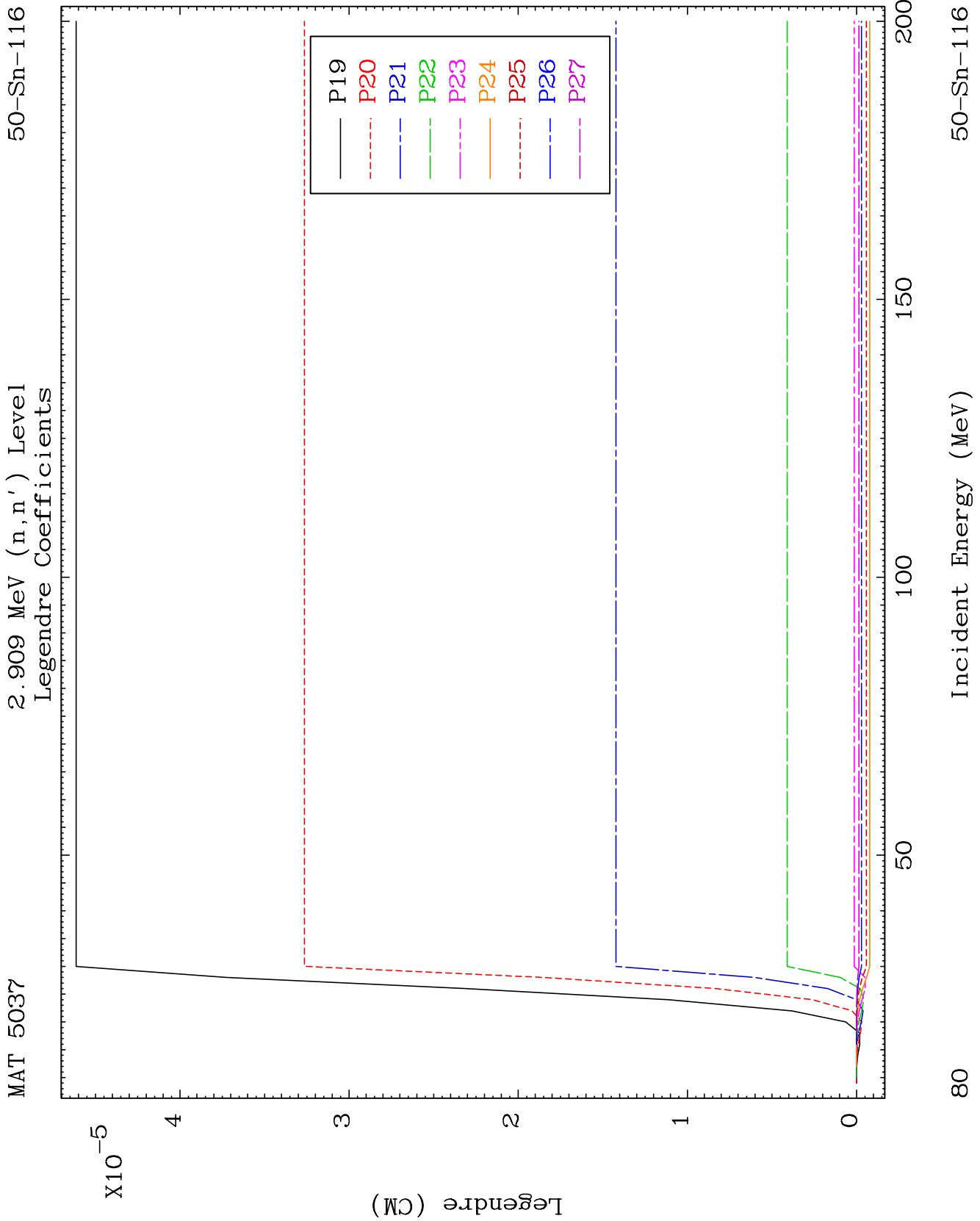
50-Sn-116

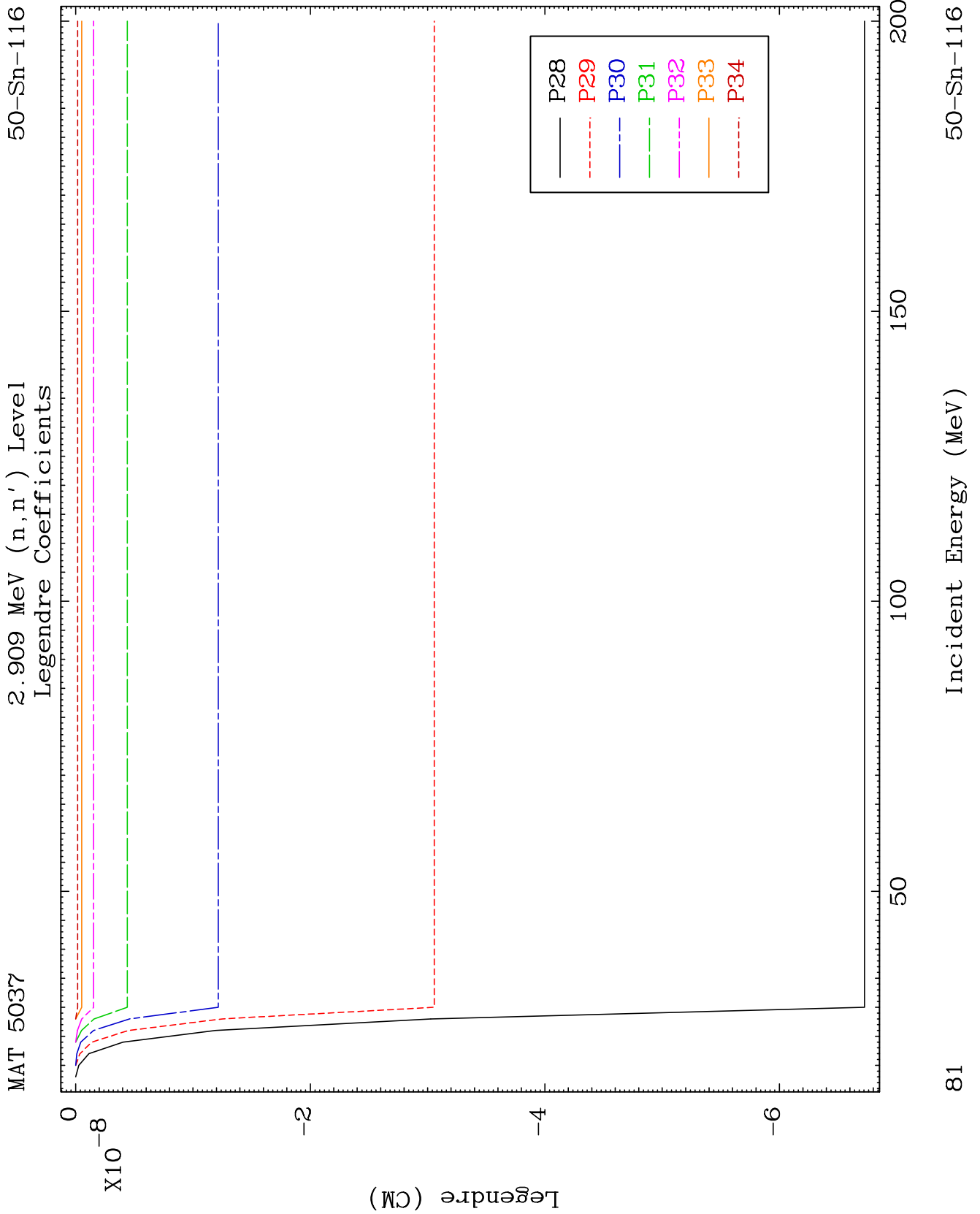


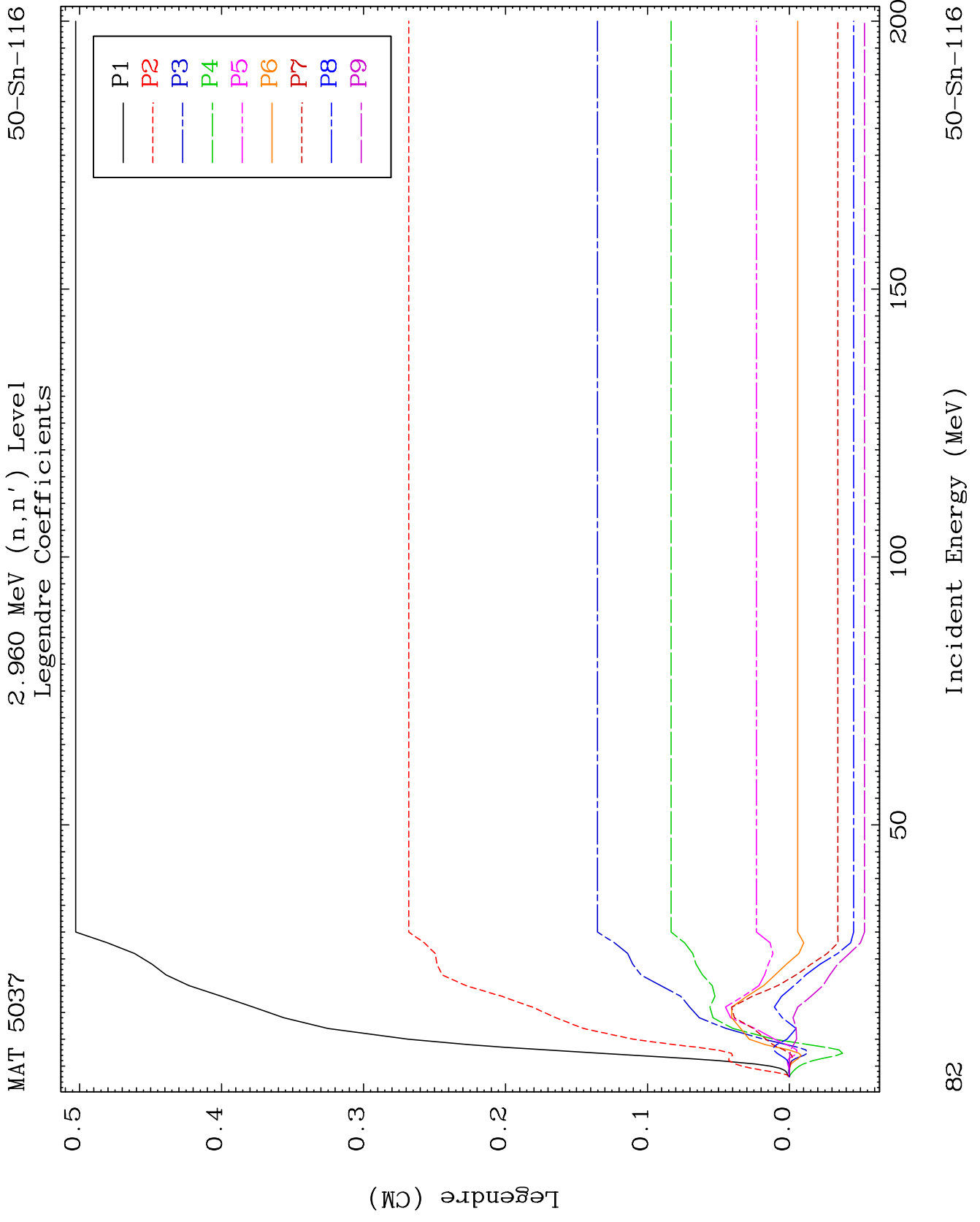
79

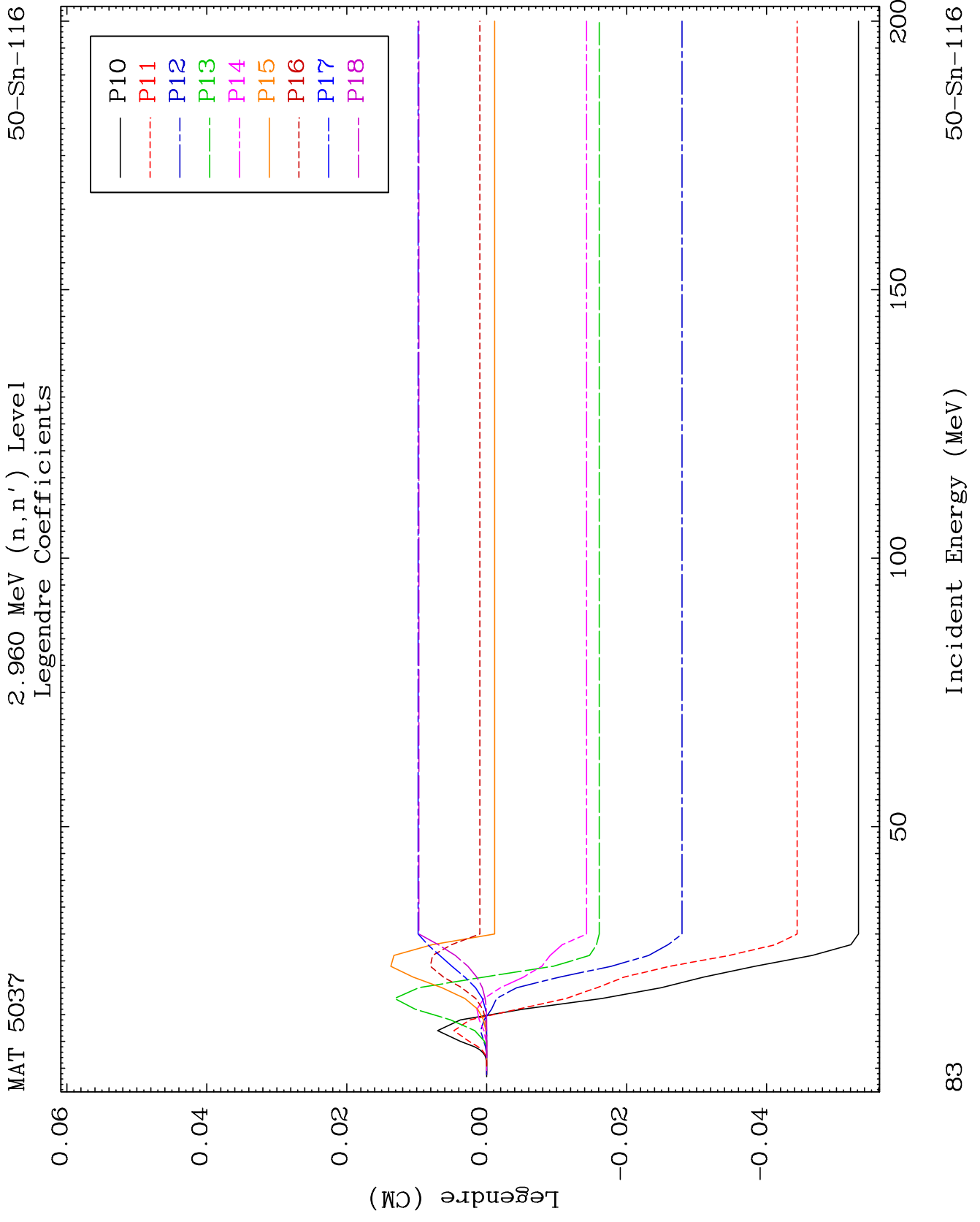
Incident Energy (MeV)

50-Sn-116





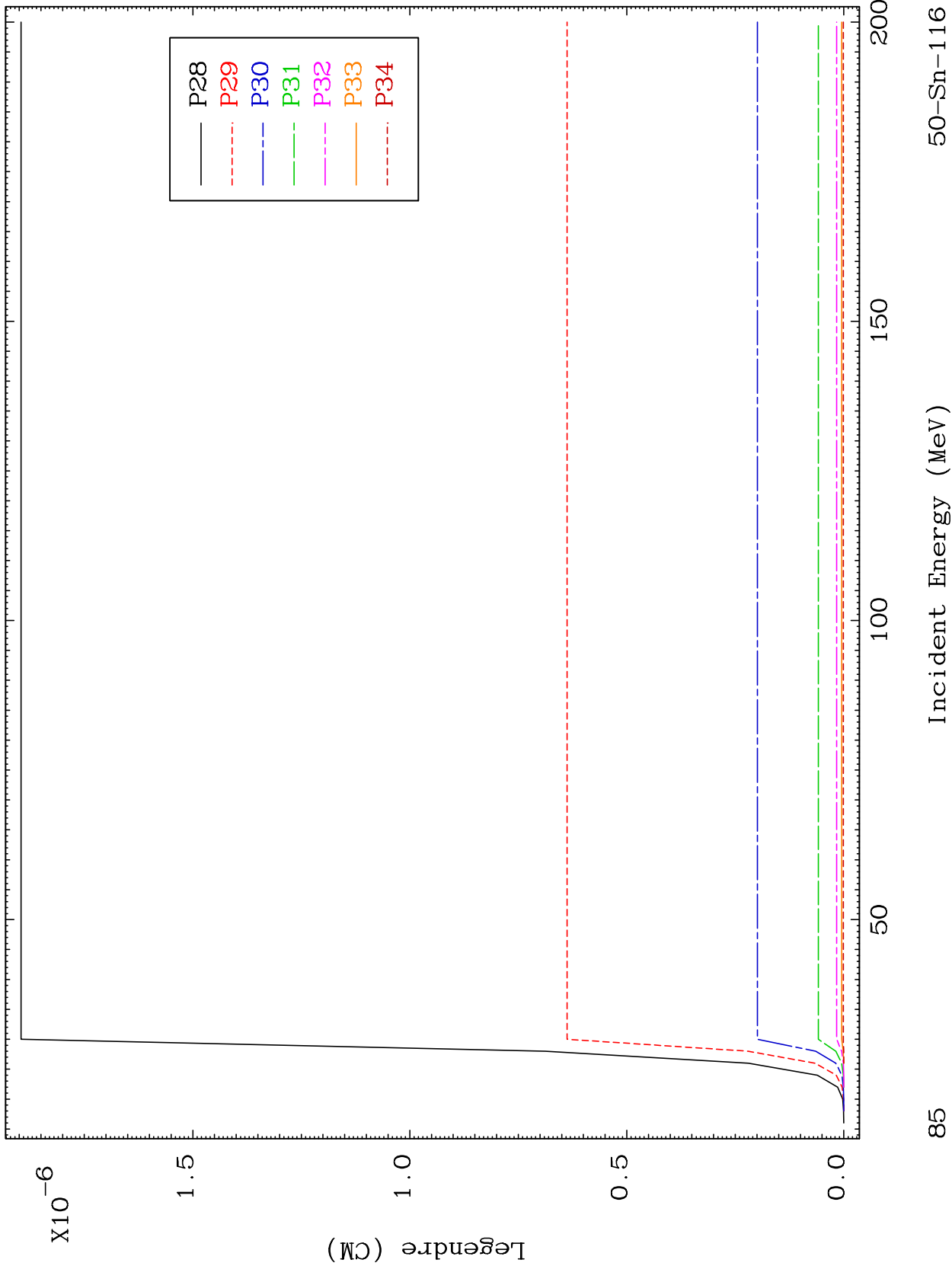




MAT 5037

2.960 MeV (n,n') Level
Legendre Coefficients

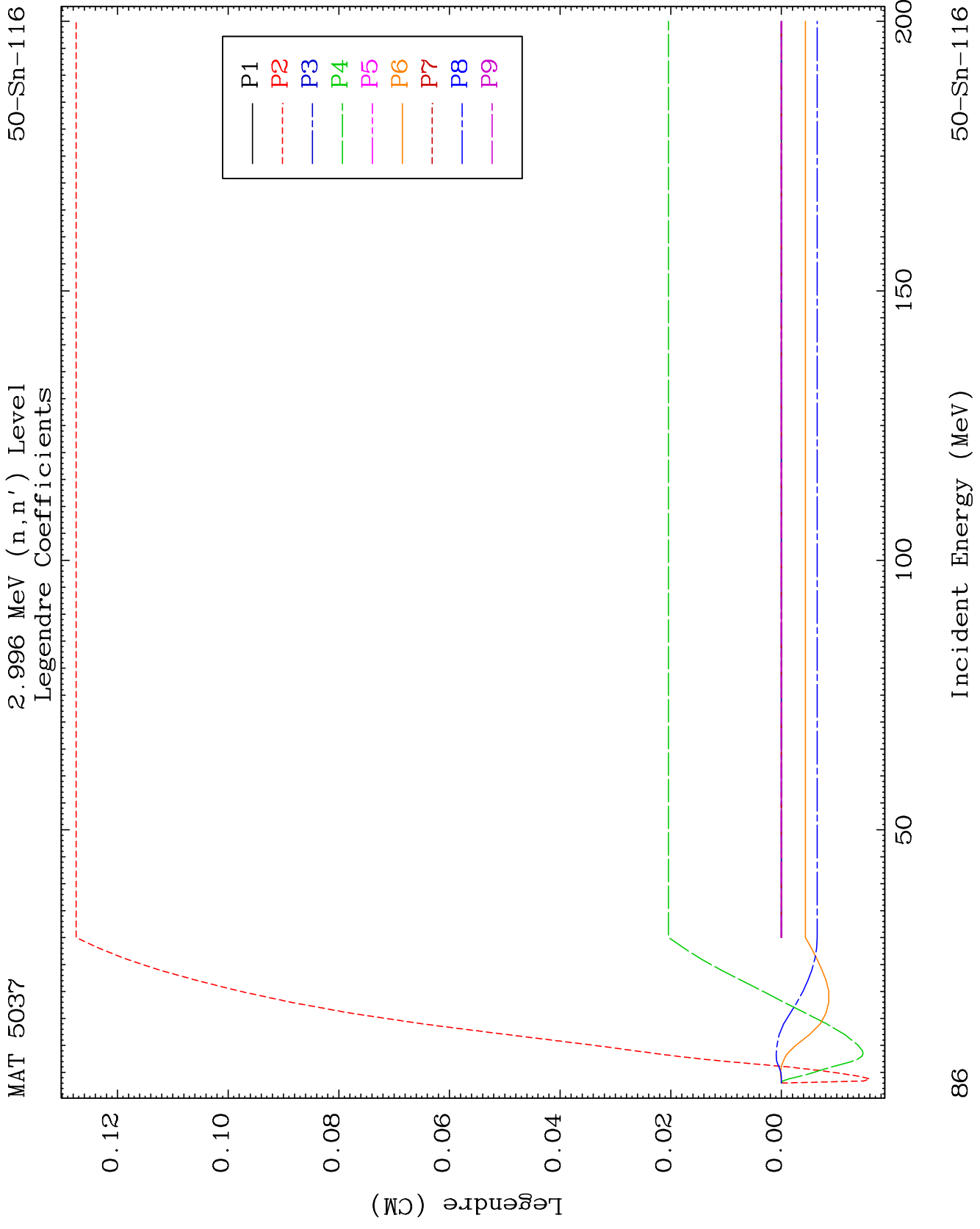
50-Sn-116

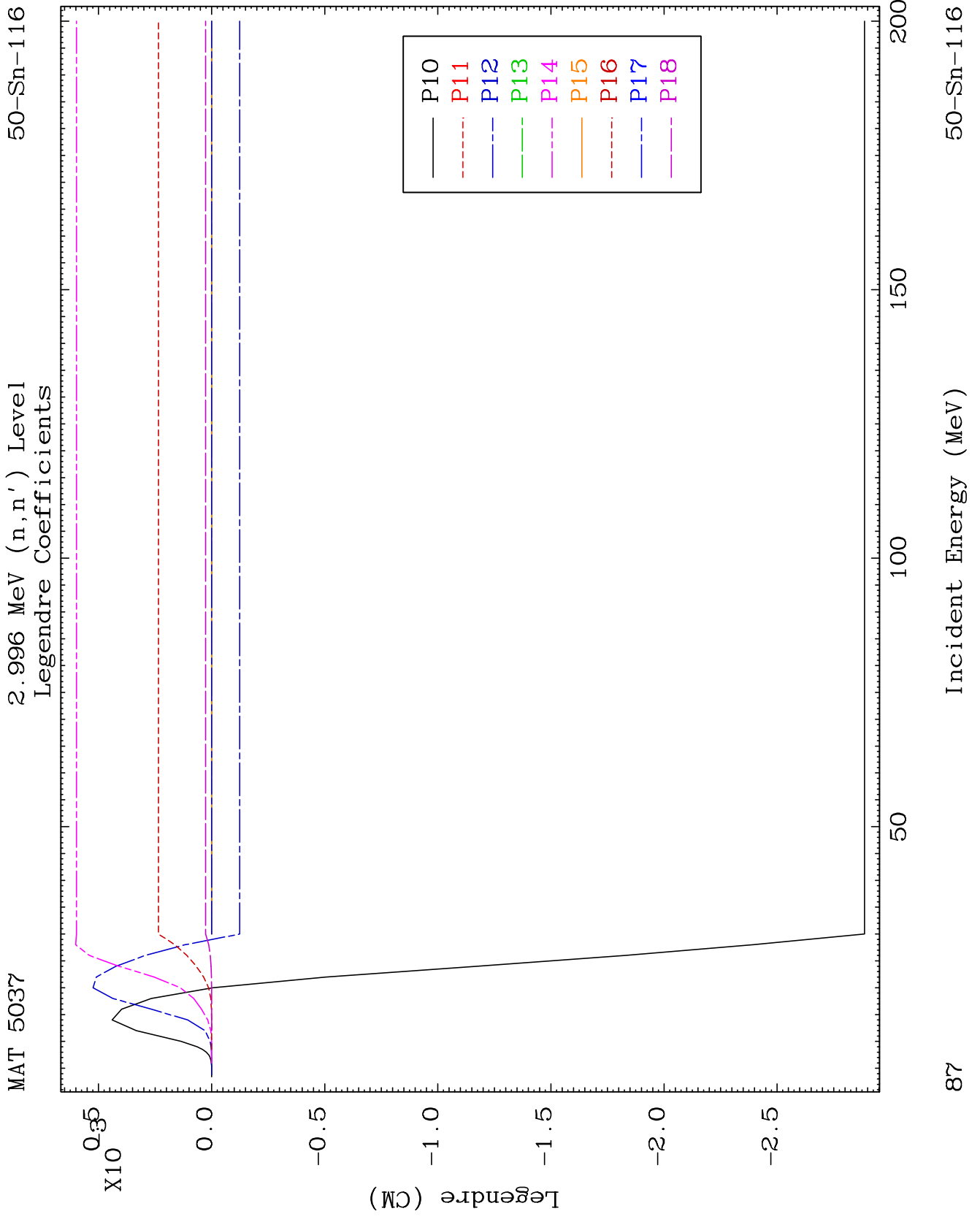


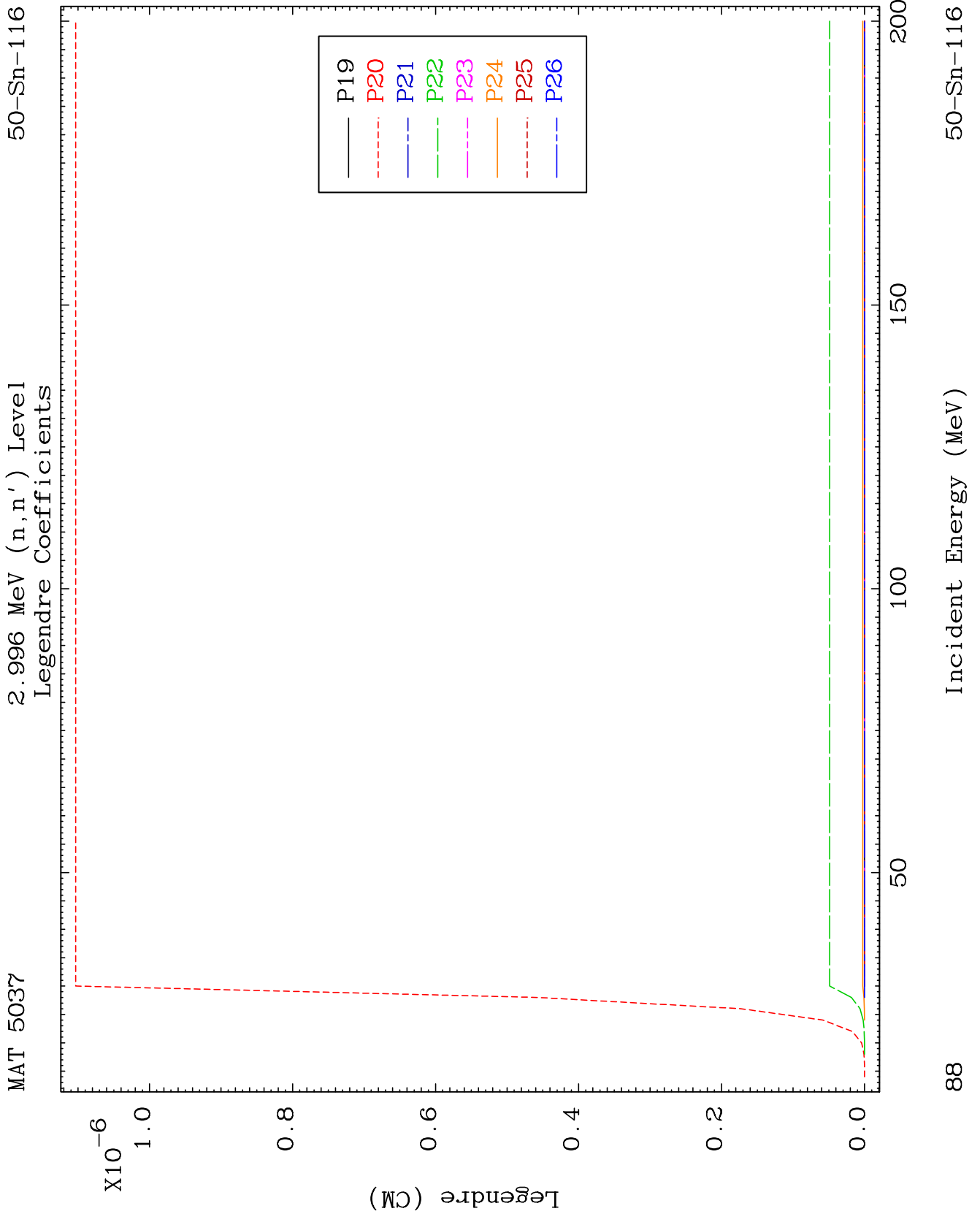
85

Incident Energy (MeV)

50-Sn-116



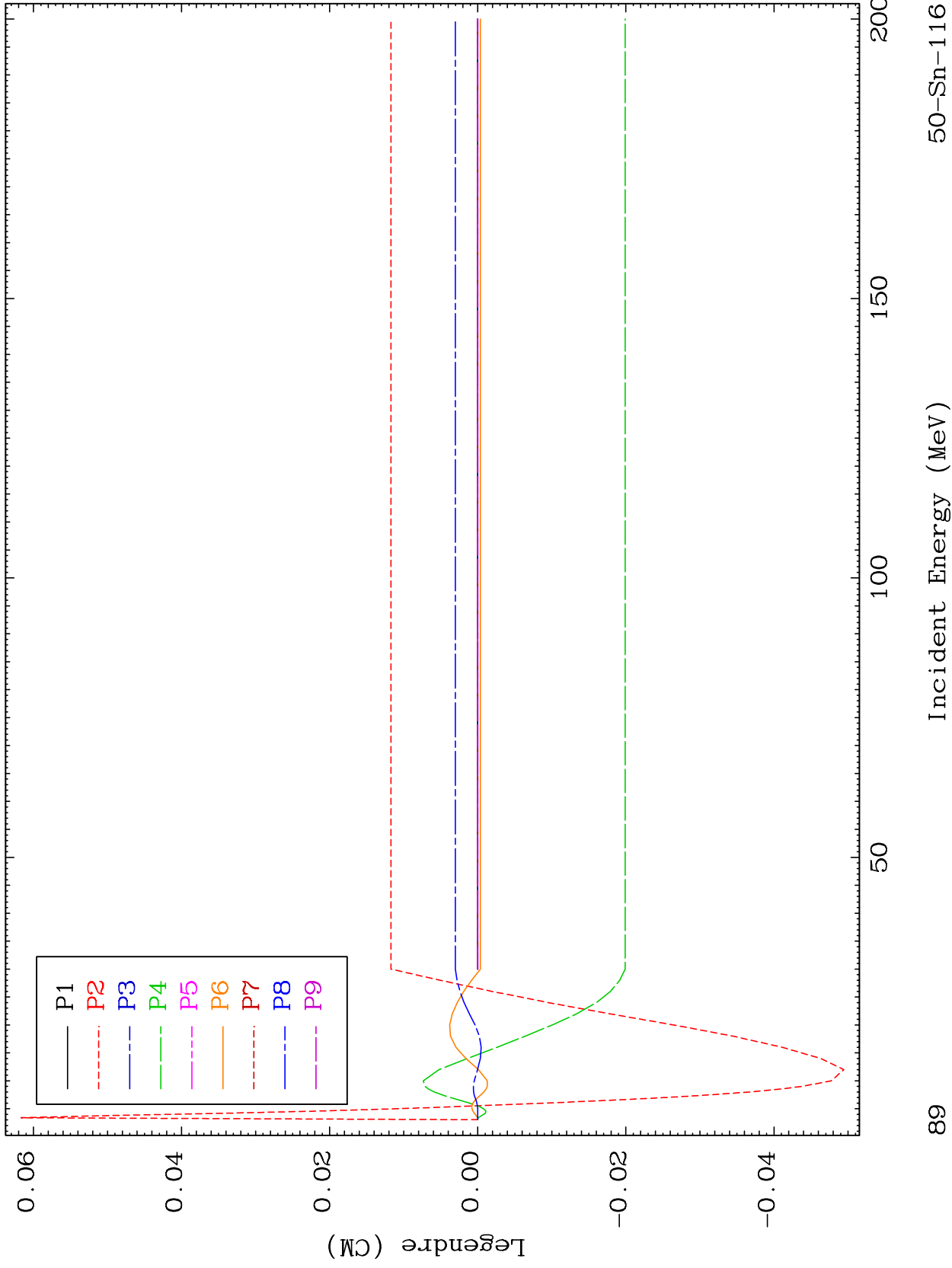




MAT 5037

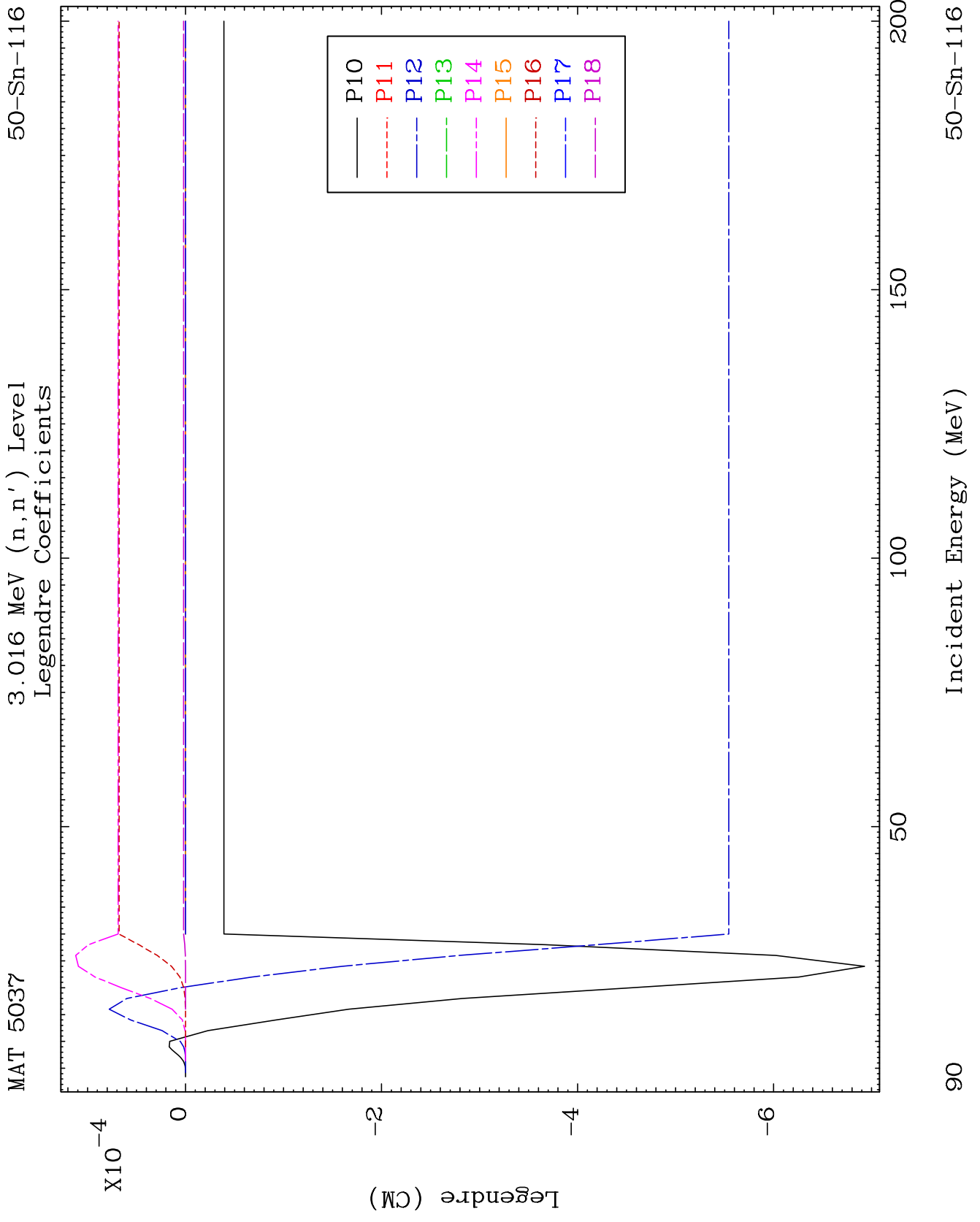
3.016 MeV (n,n') Level
Legendre Coefficients

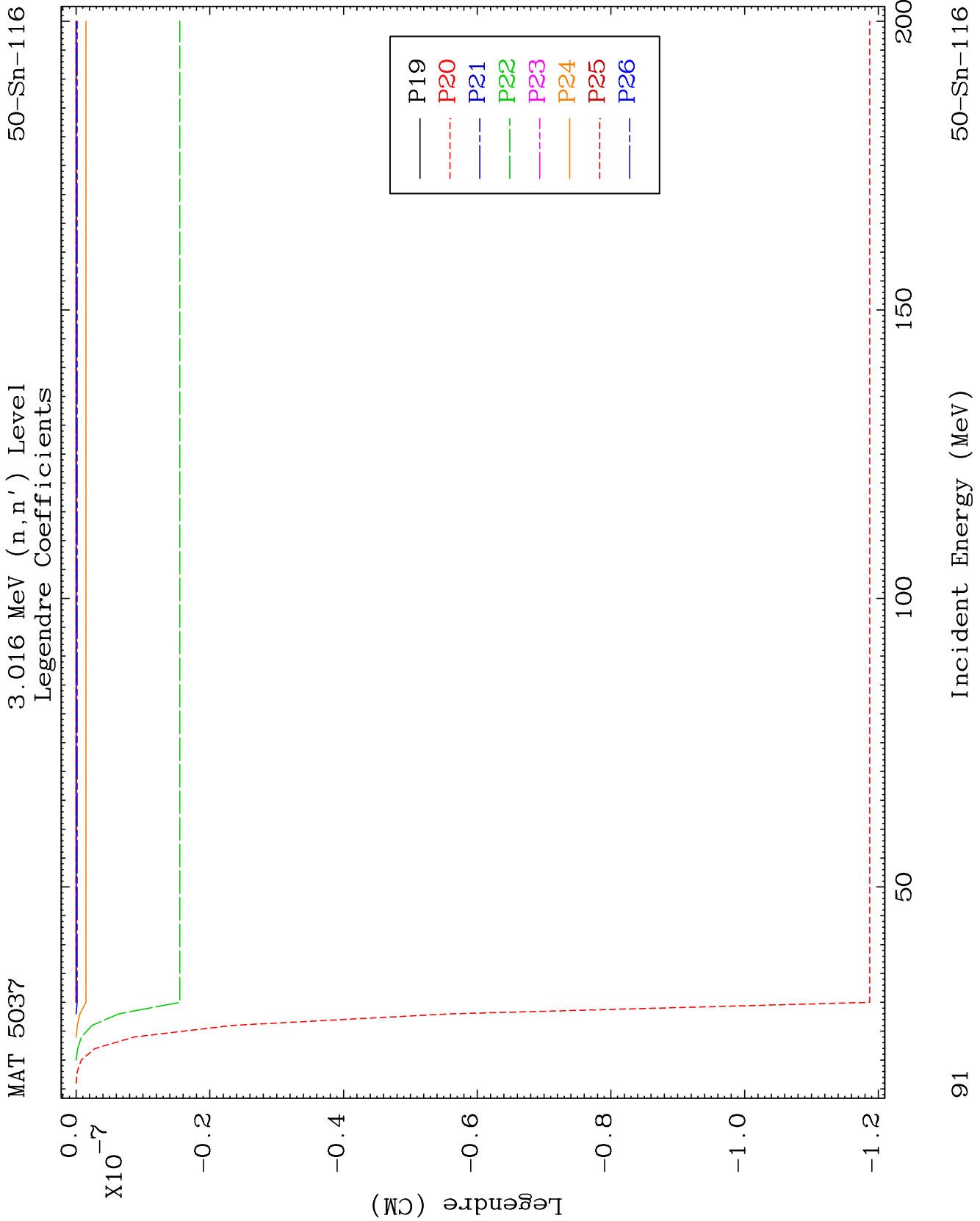
50-Sn-116



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50-Sn-116

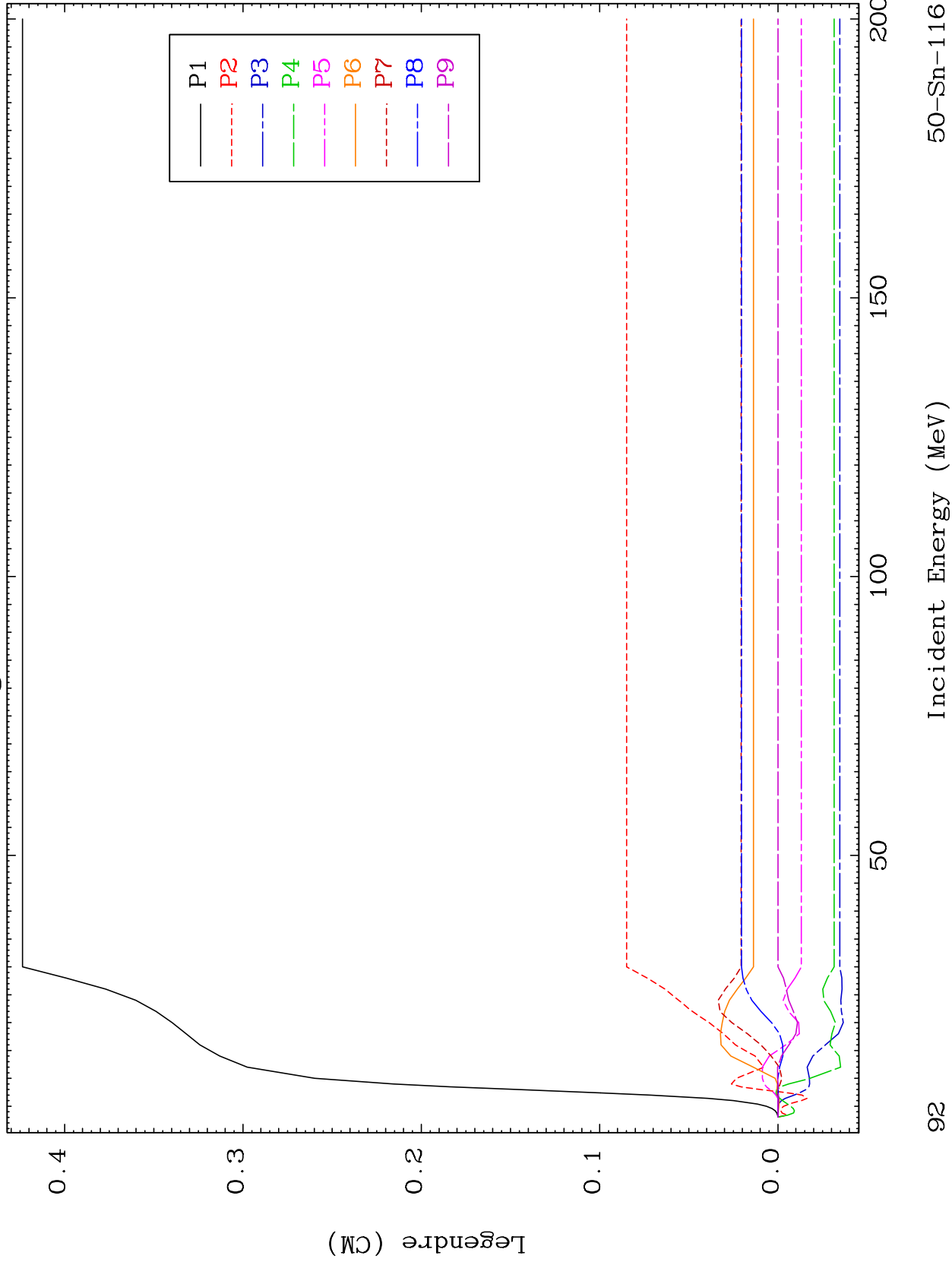




MAT 5037

3.033 MeV (n,n') Level
Legendre Coefficients

50-Sn-116



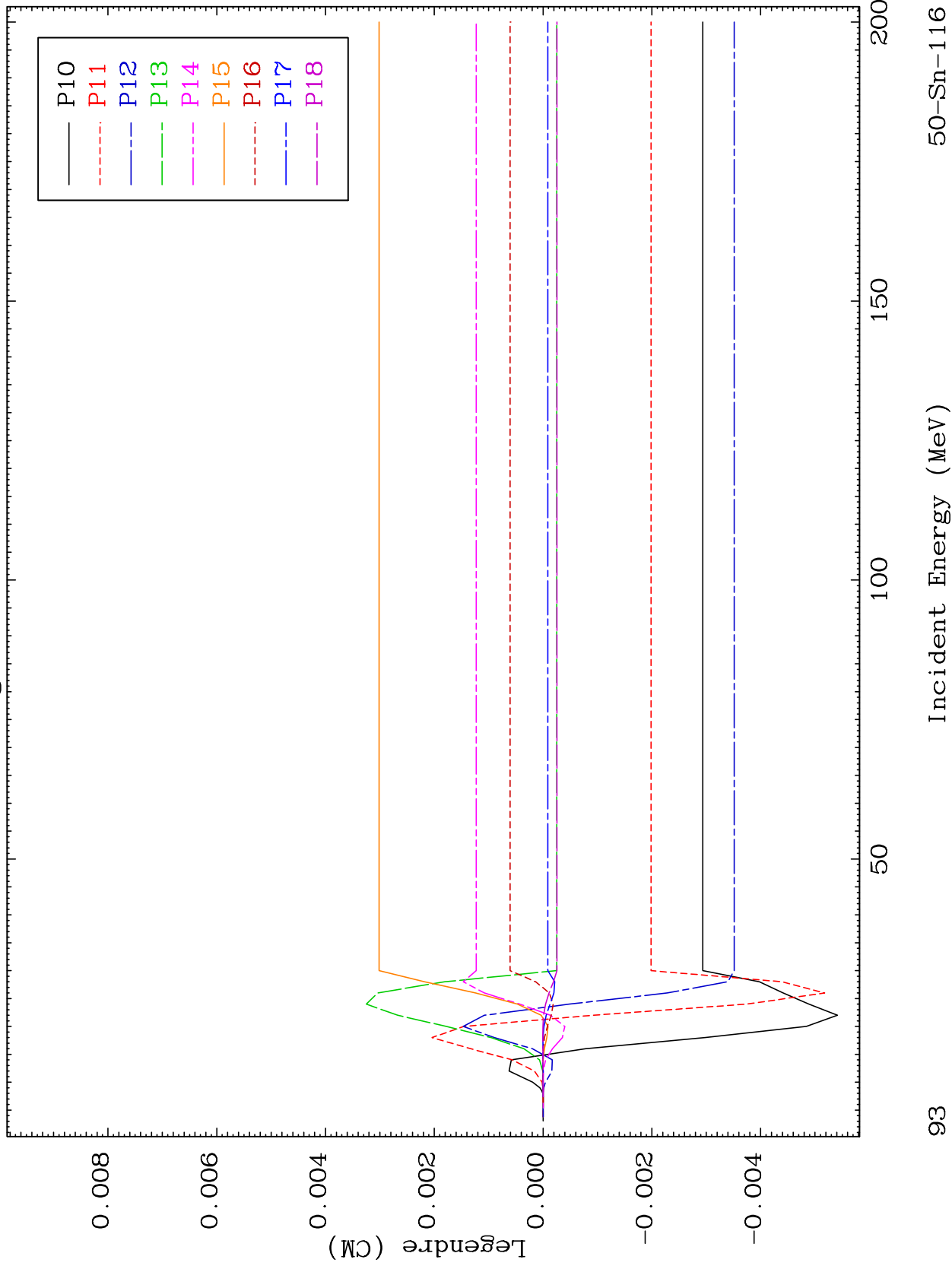
92

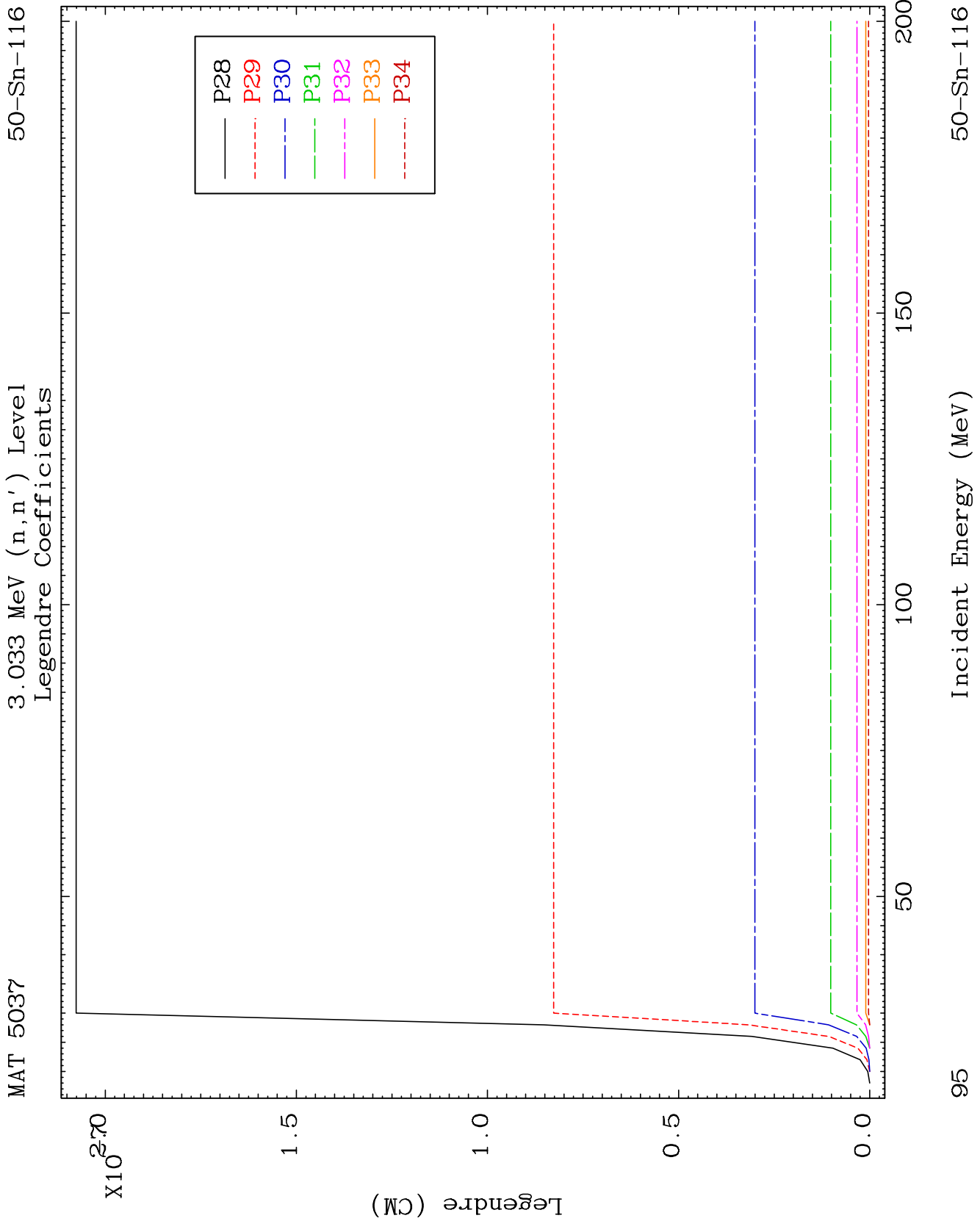
50-Sn-116

MAT 5037

3.033 MeV (n,n') Level
Legendre Coefficients

50-Sn-116

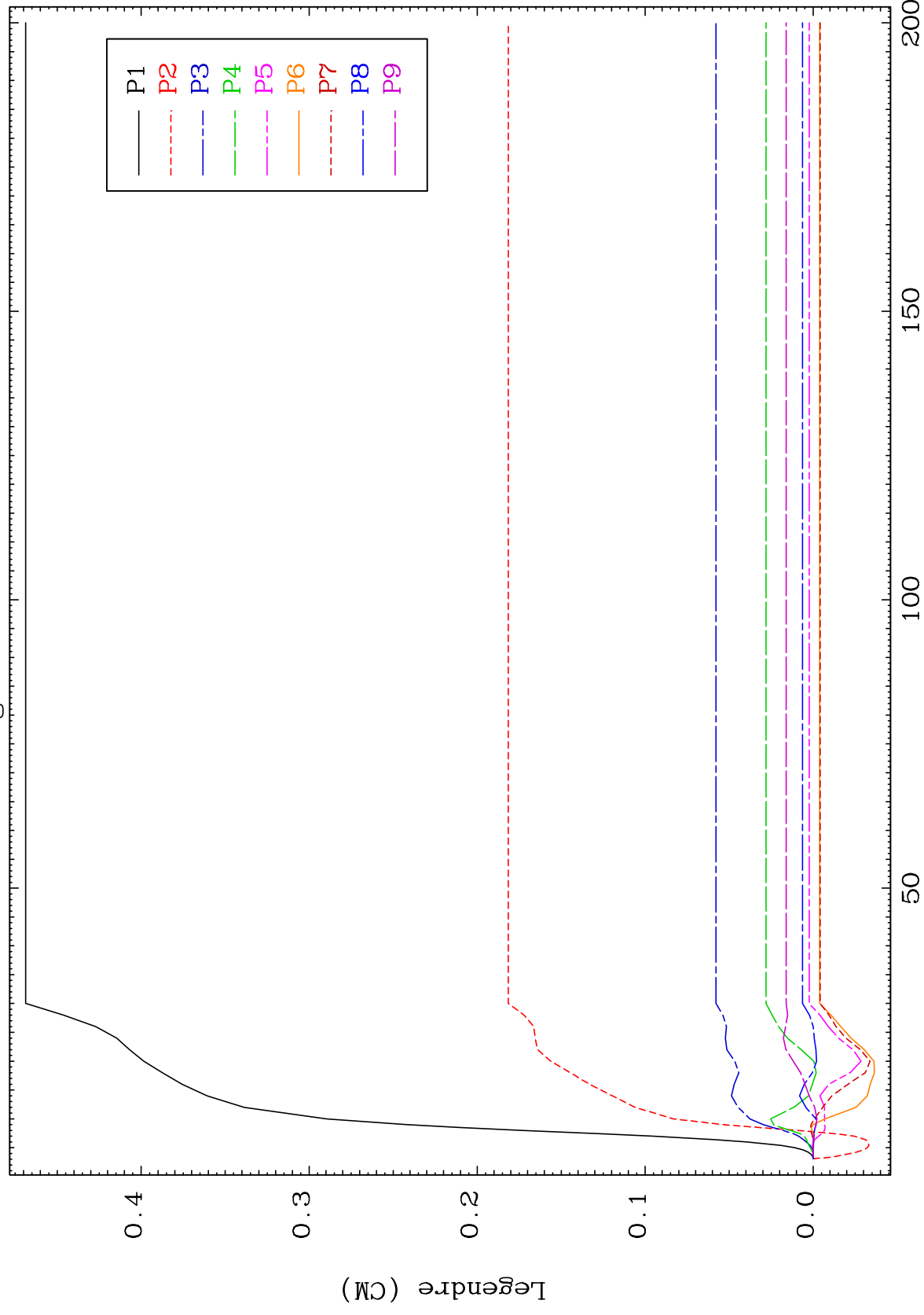




MAT 5037

3.046 MeV (n,n') Level
Legendre Coefficients

50-Sn-116



96

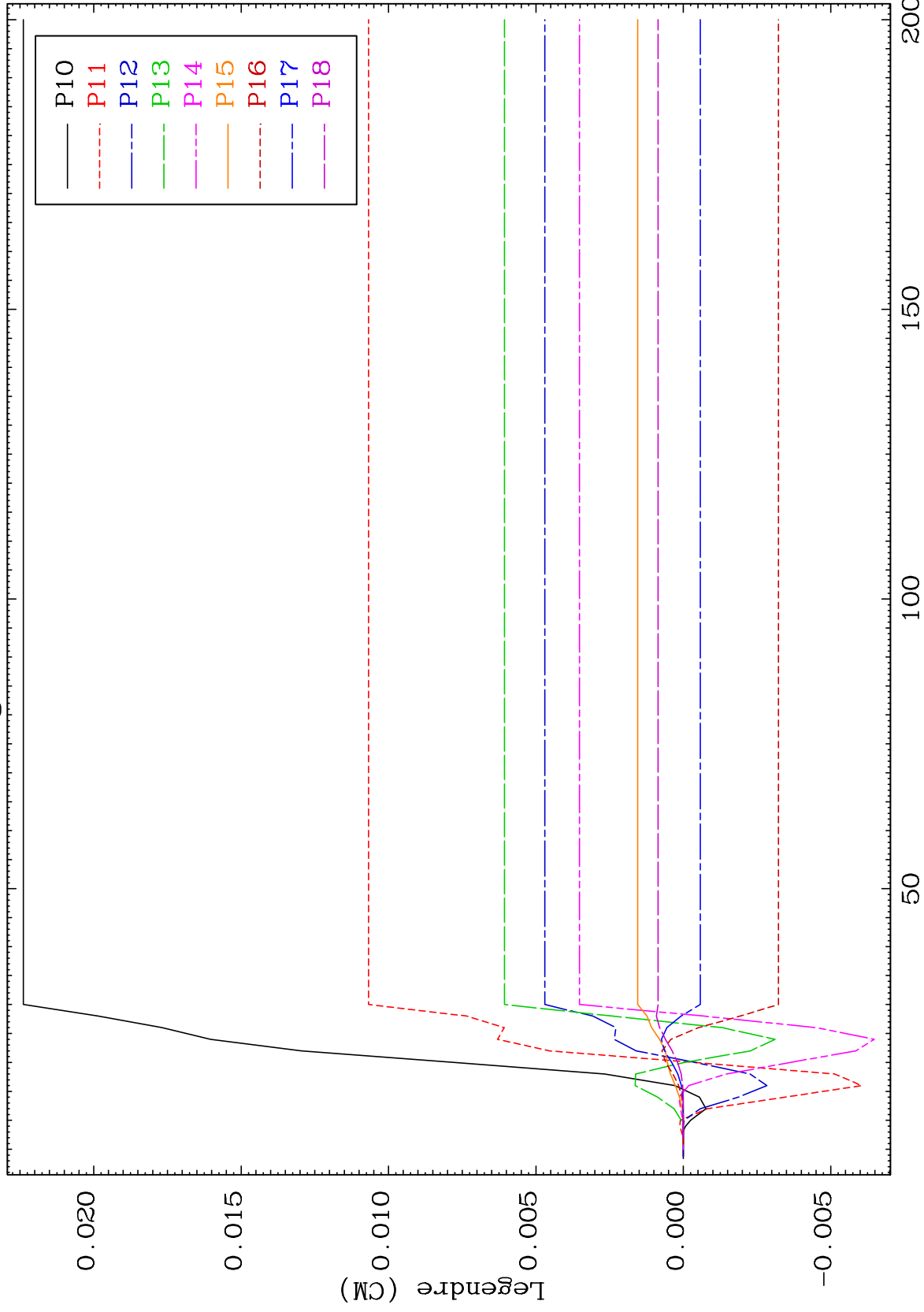
Incident Energy (MeV)

50-Sn-116

MAT 5037

3.046 MeV (n,n') Level
Legendre Coefficients

50-Sn-116



97

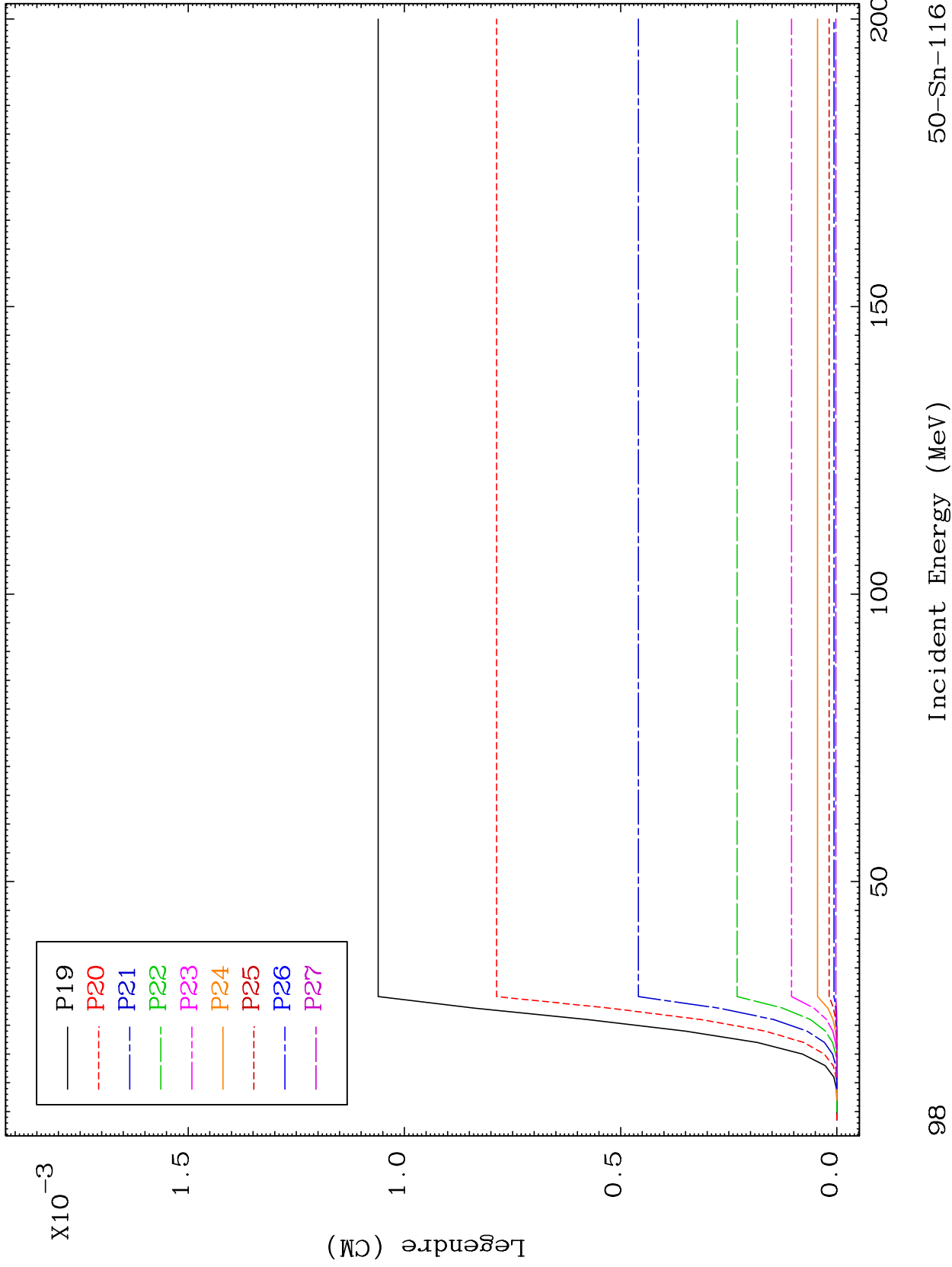
Incident Energy (MeV)

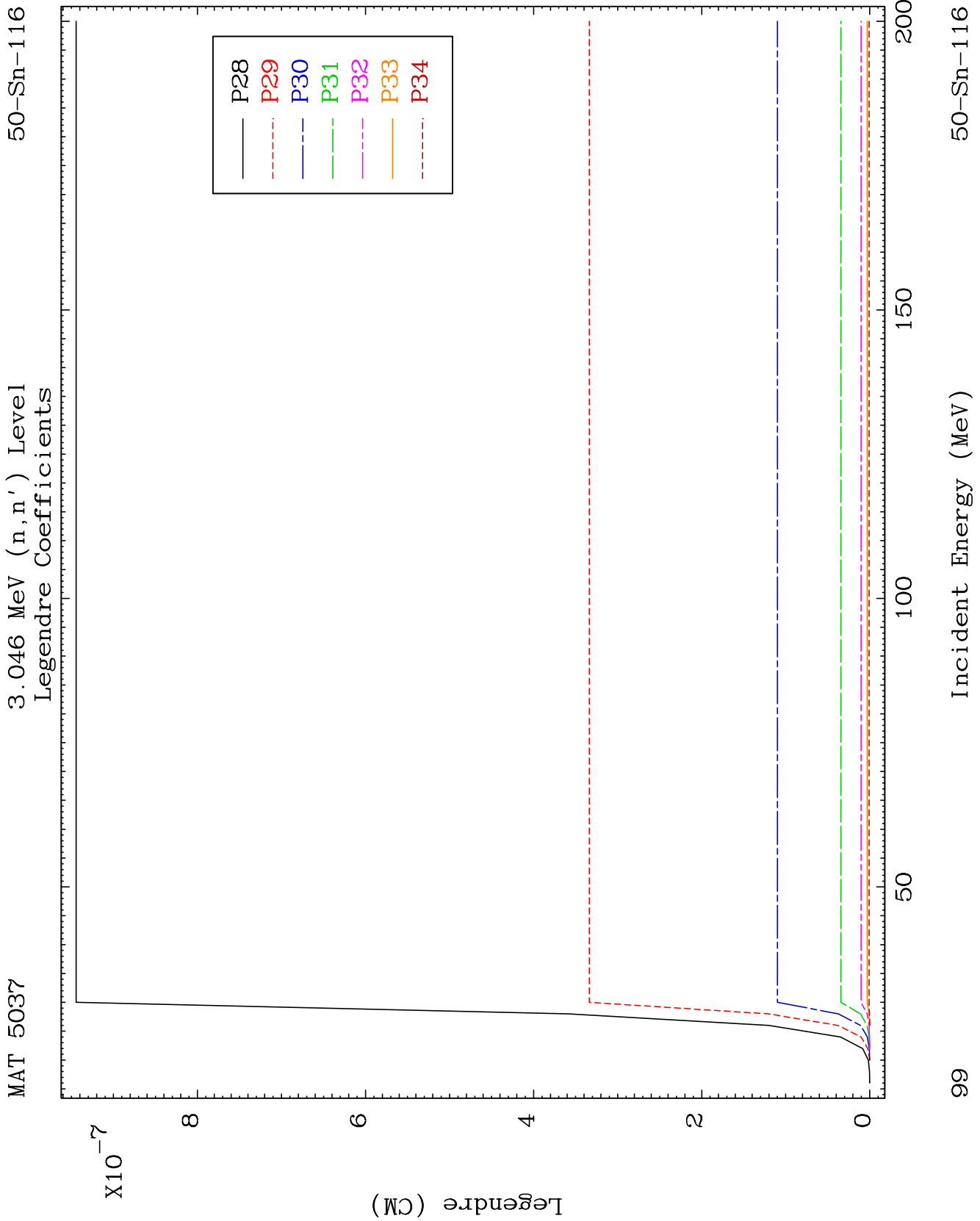
50-Sn-116

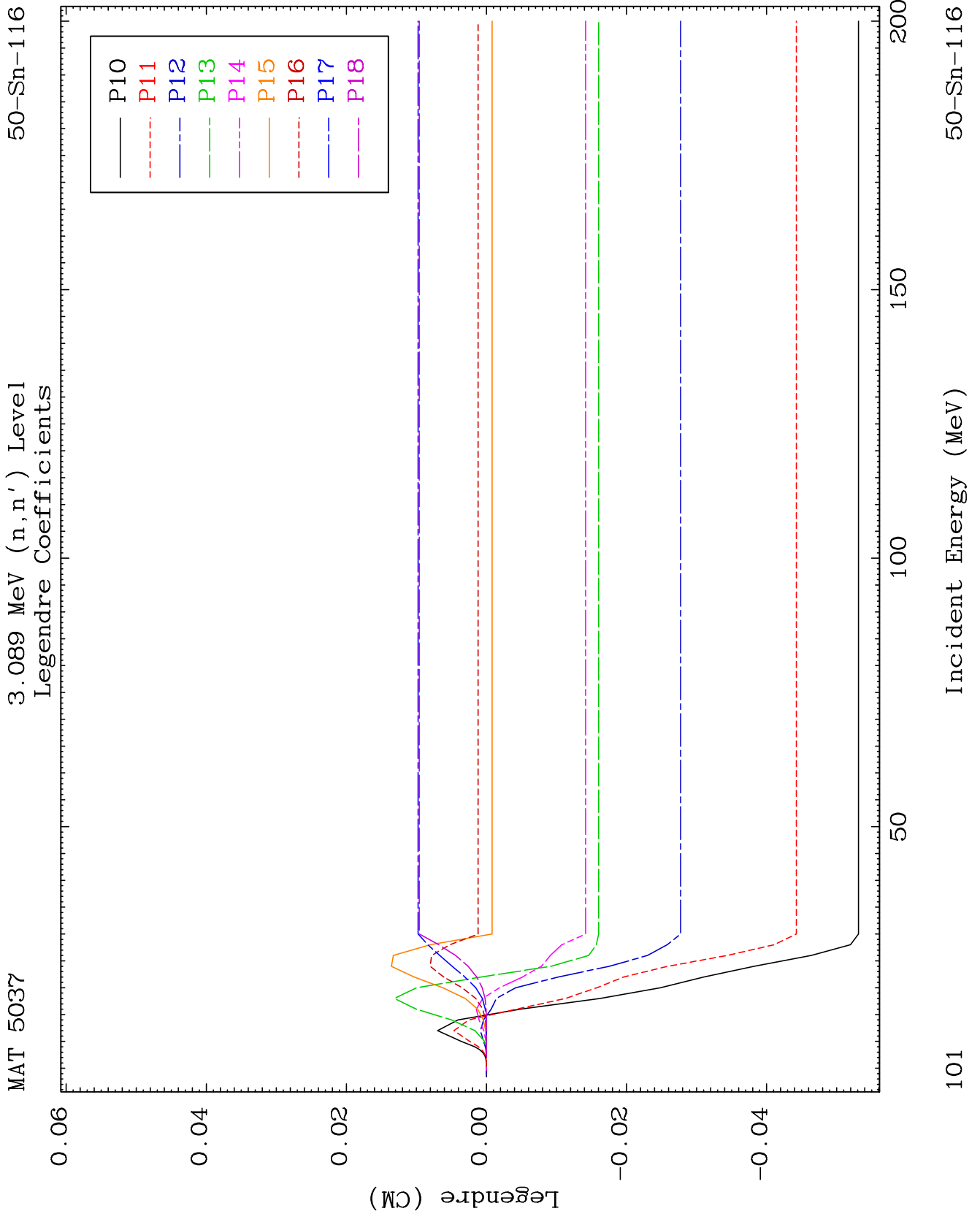
MAT 5037

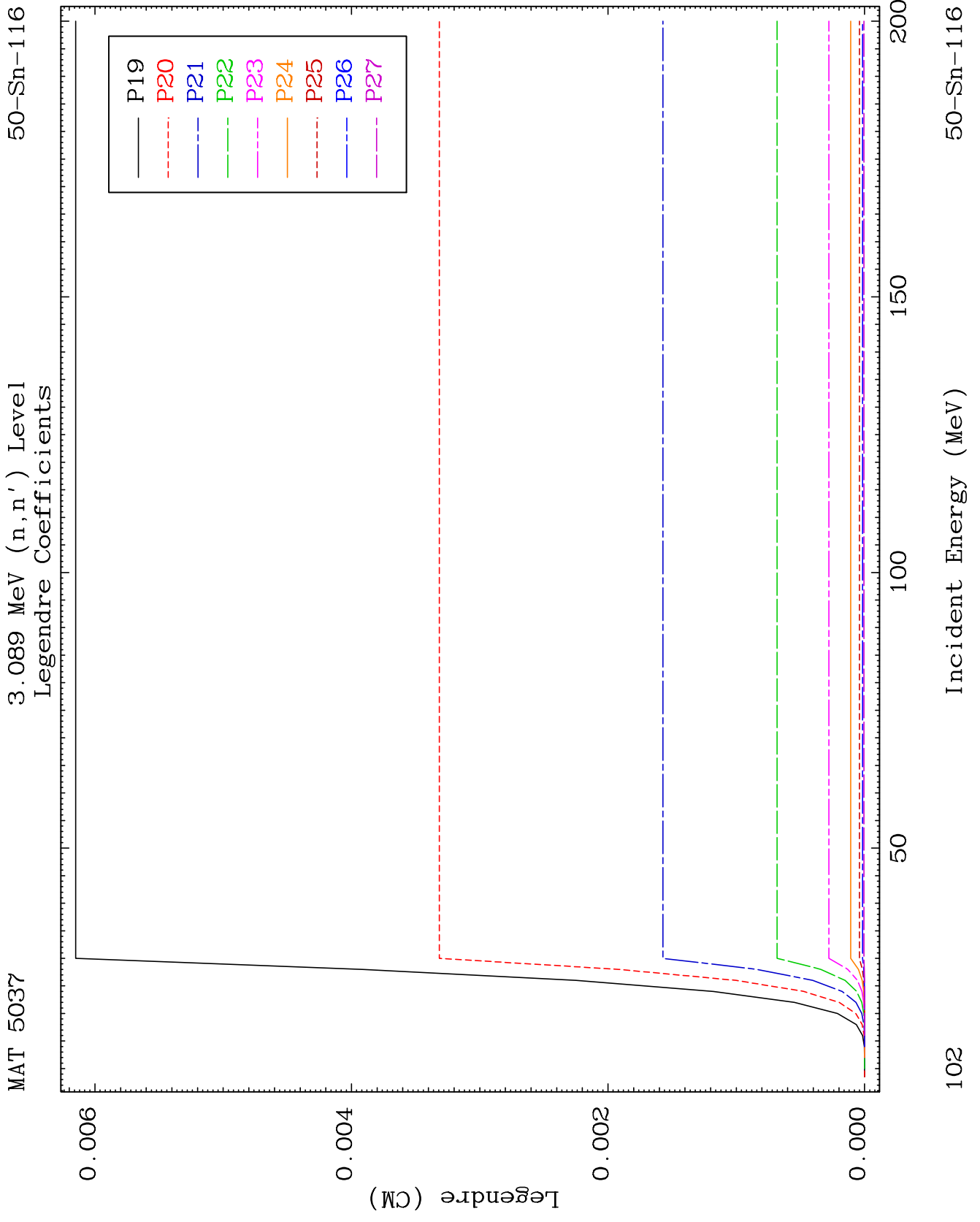
3.046 MeV (n,n') Level
Legendre Coefficients

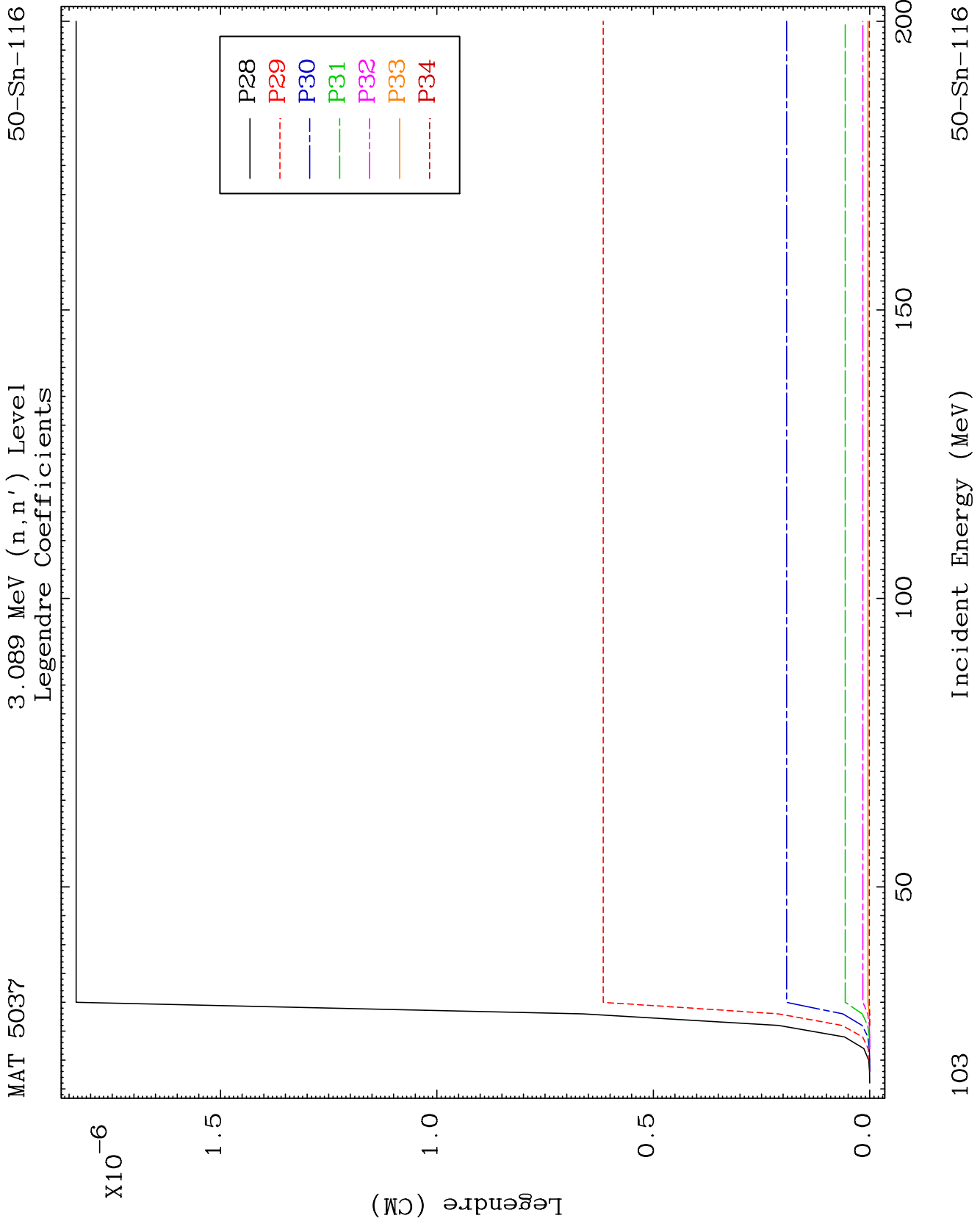
50-Sn-116

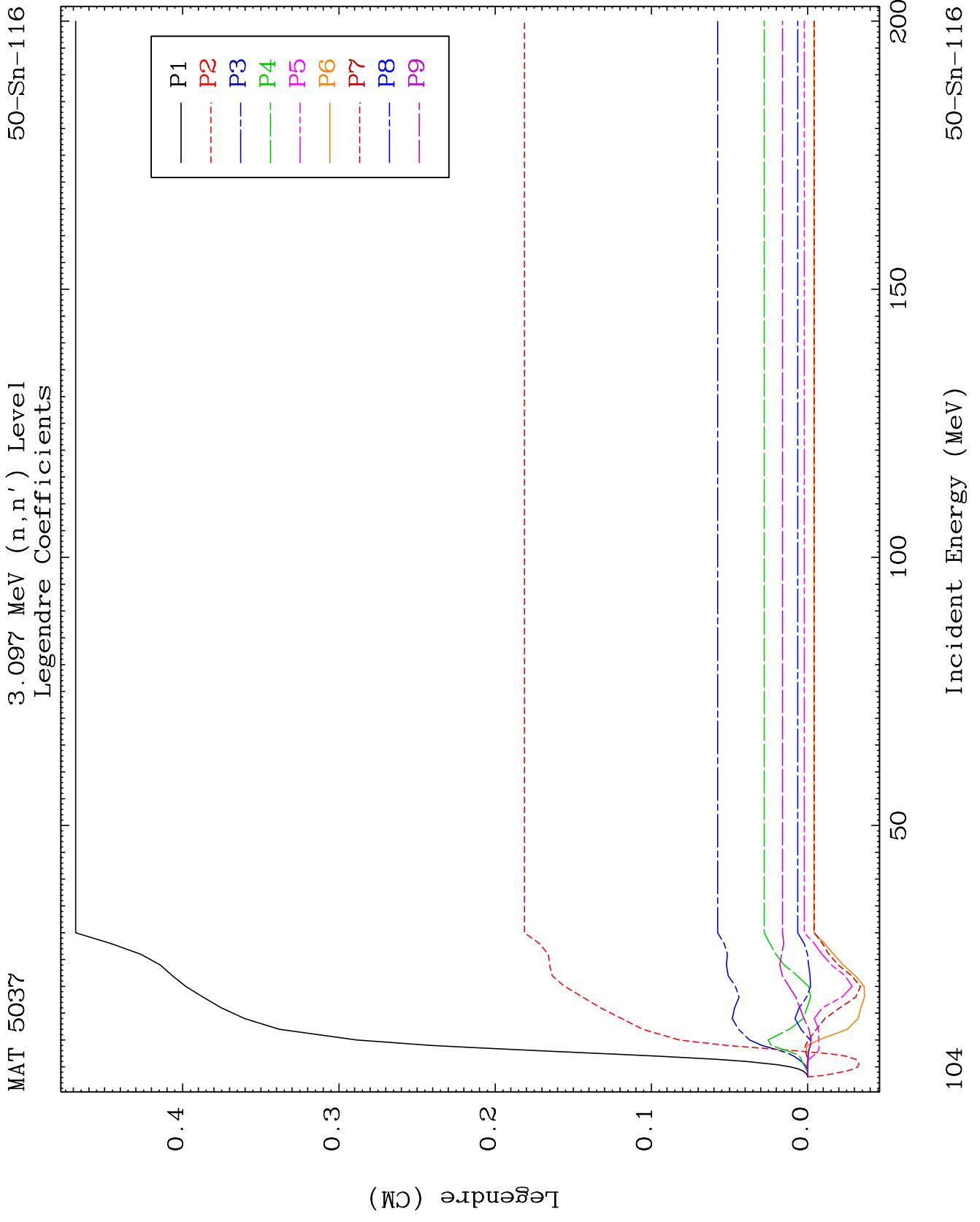


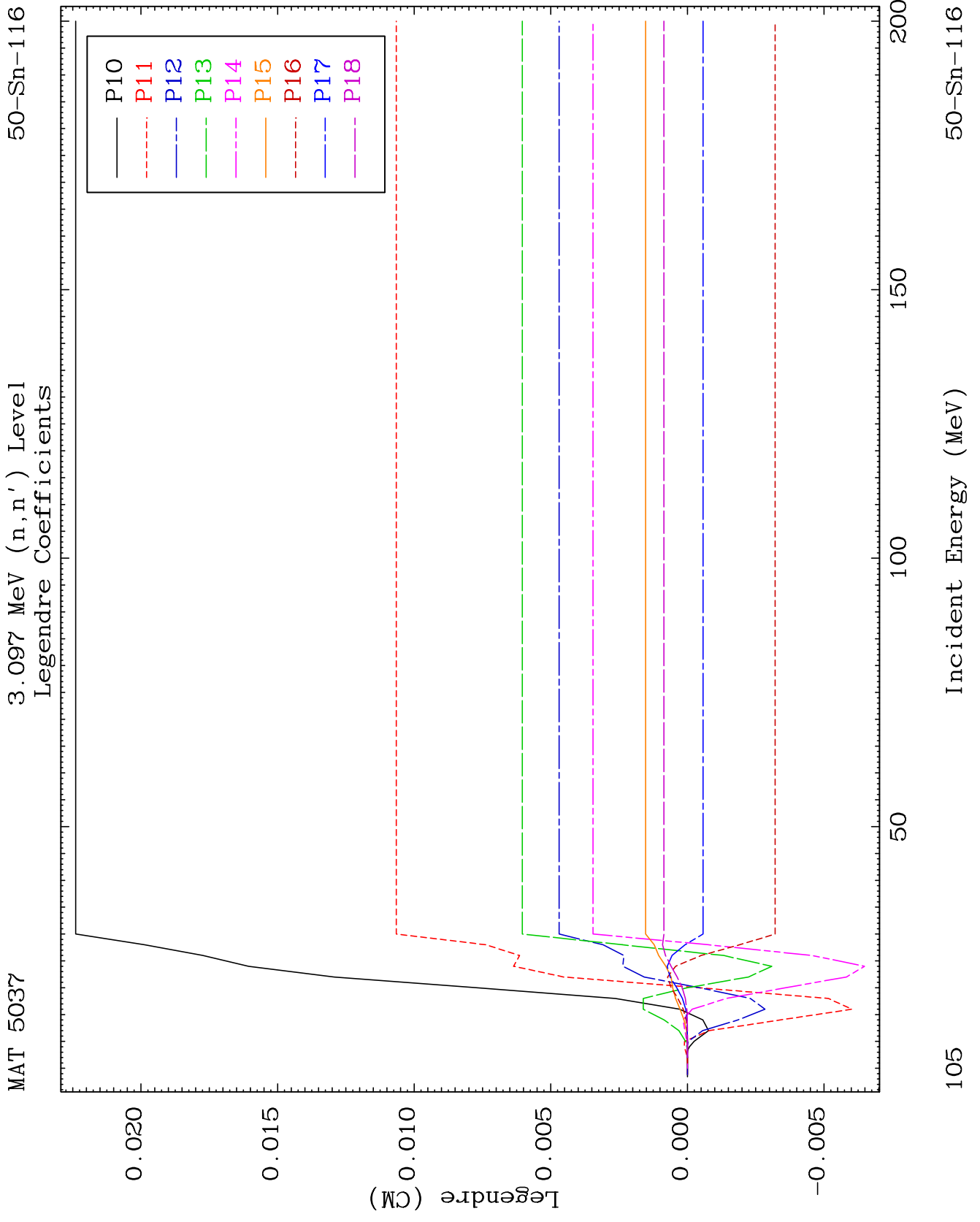








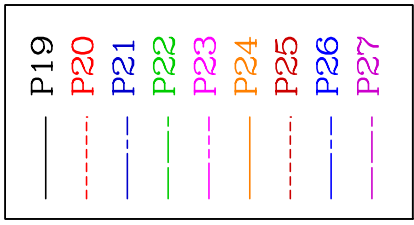
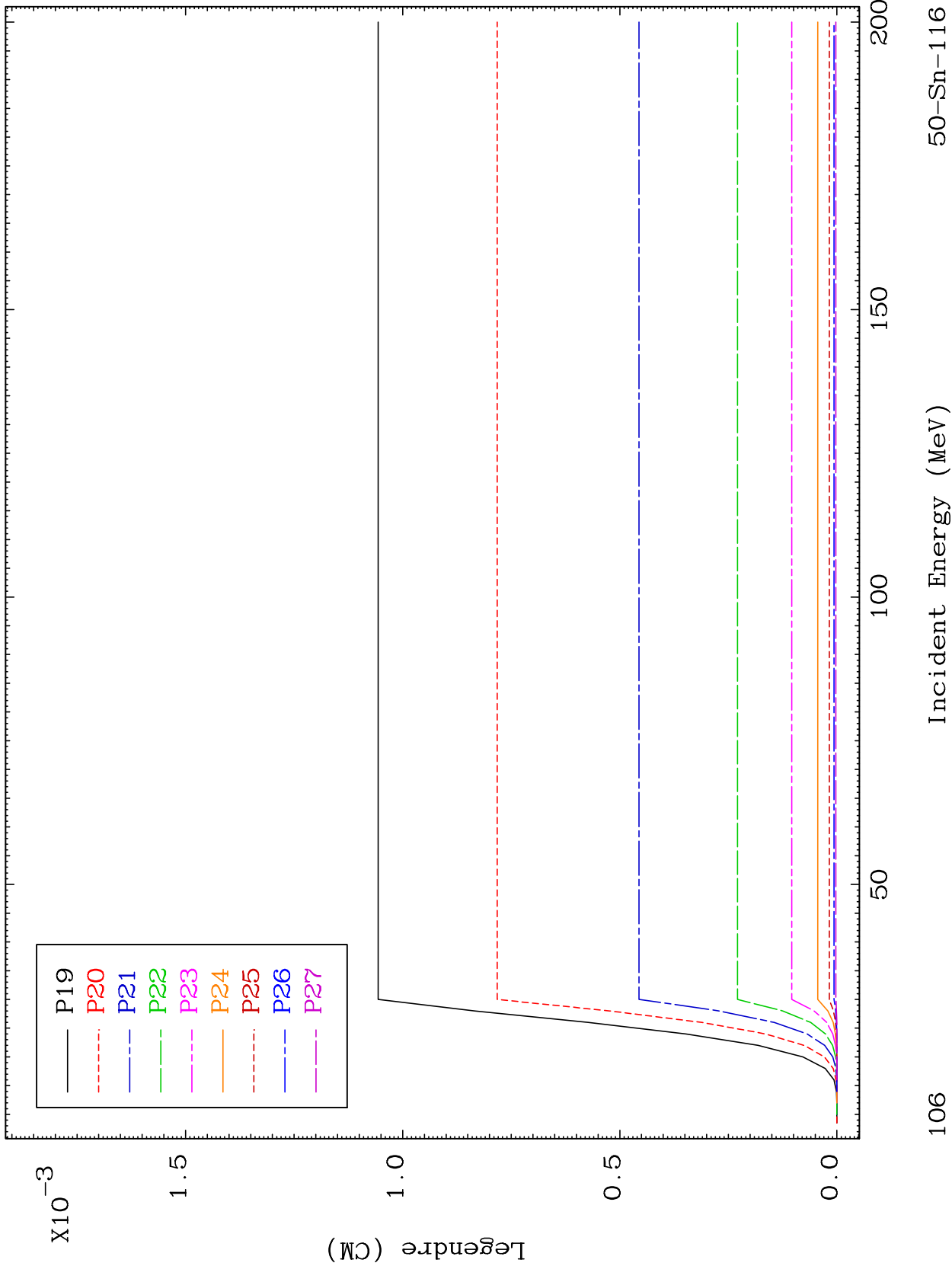


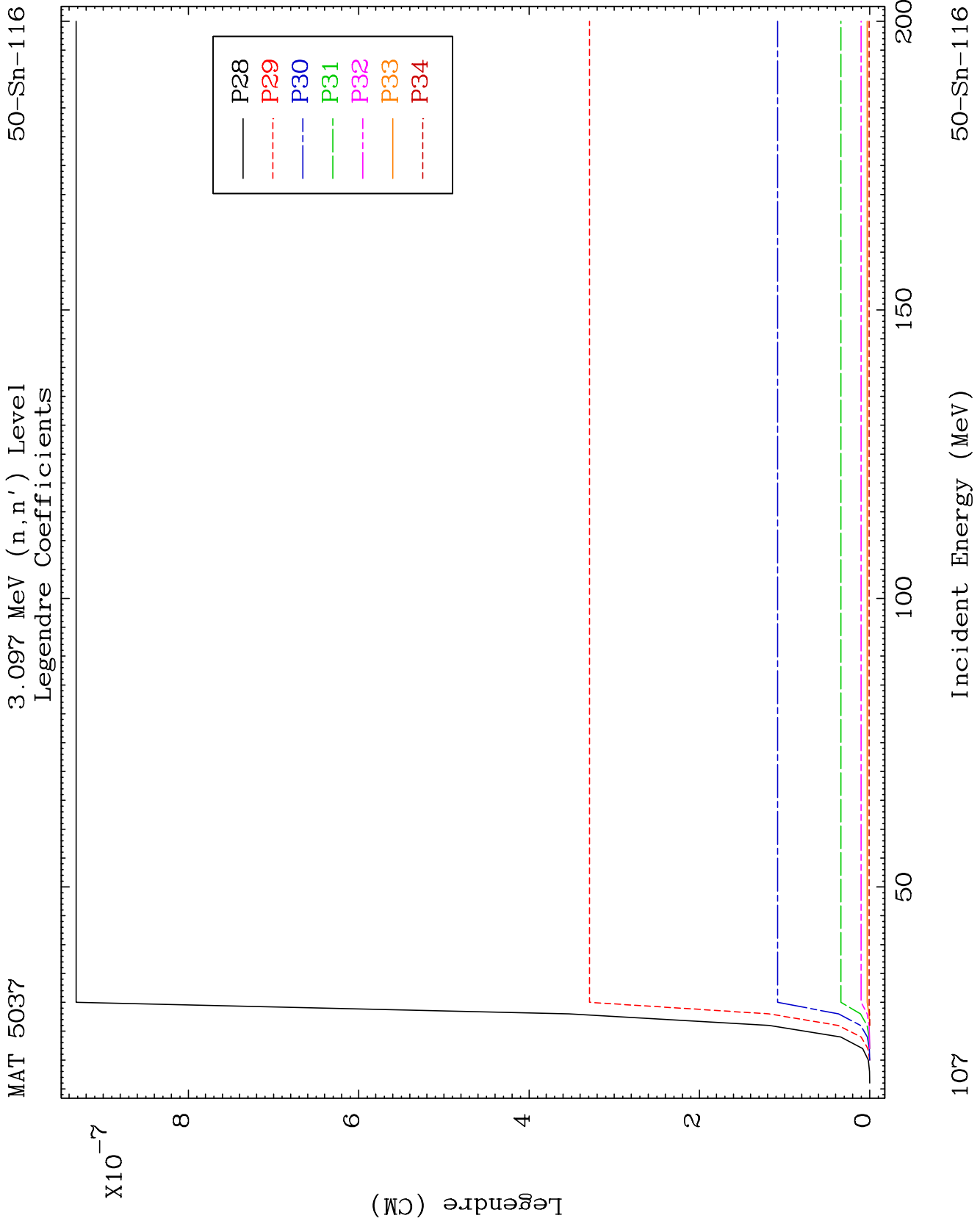


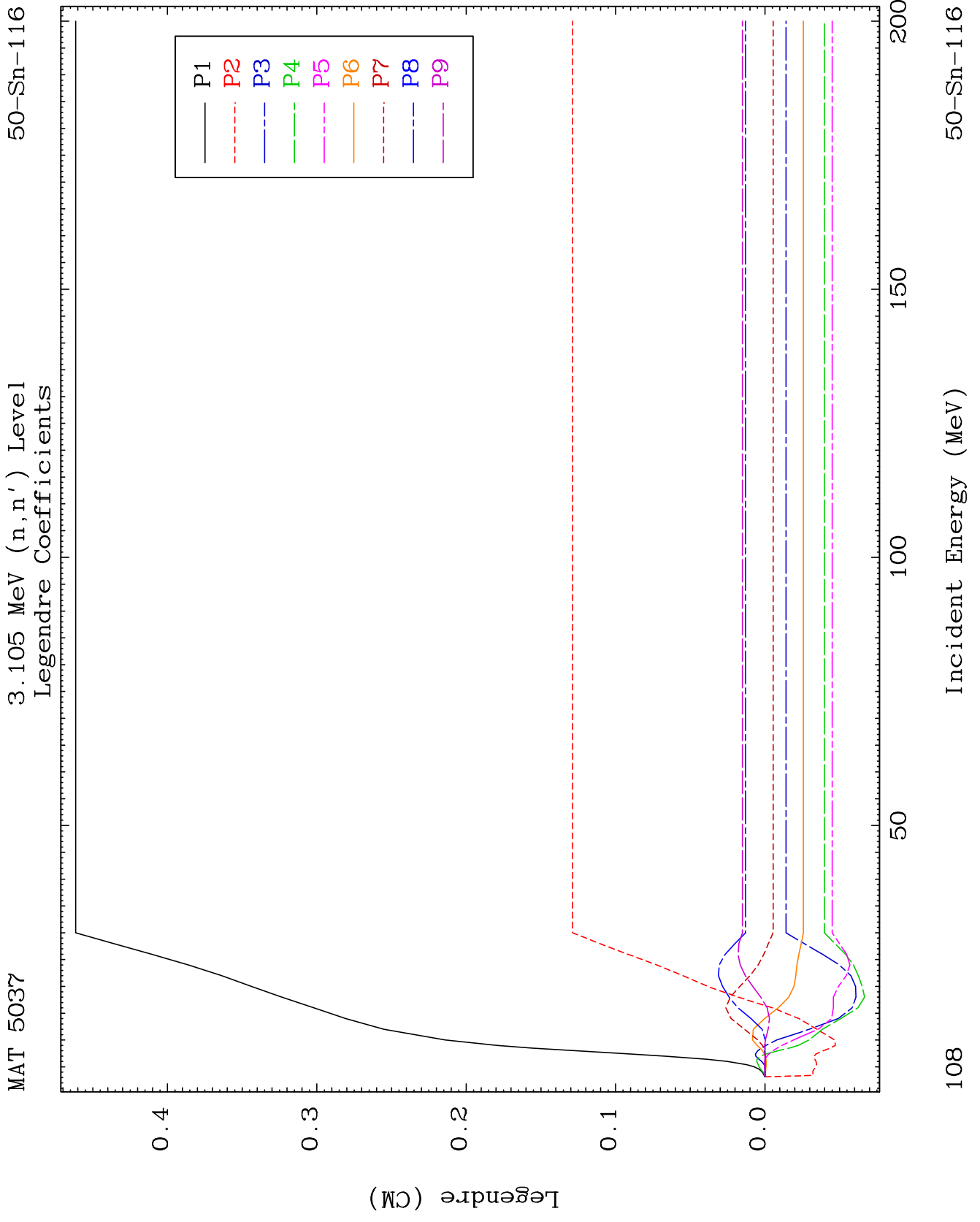
MAT 5037

3.097 MeV (n,n') Level
Legendre Coefficients

50-Sn-116



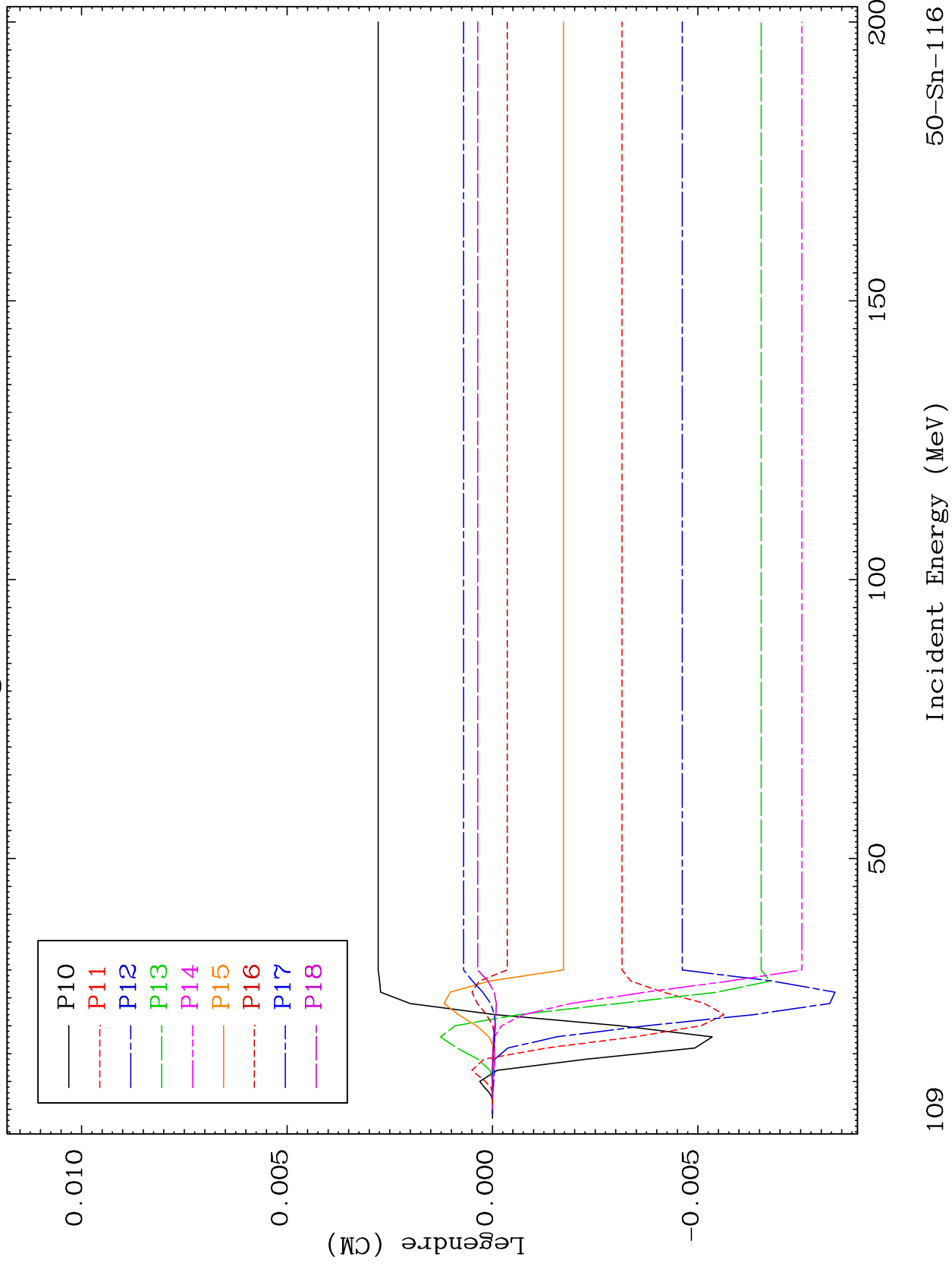




MAT 5037

3.105 MeV (n,n') Level
Legendre Coefficients

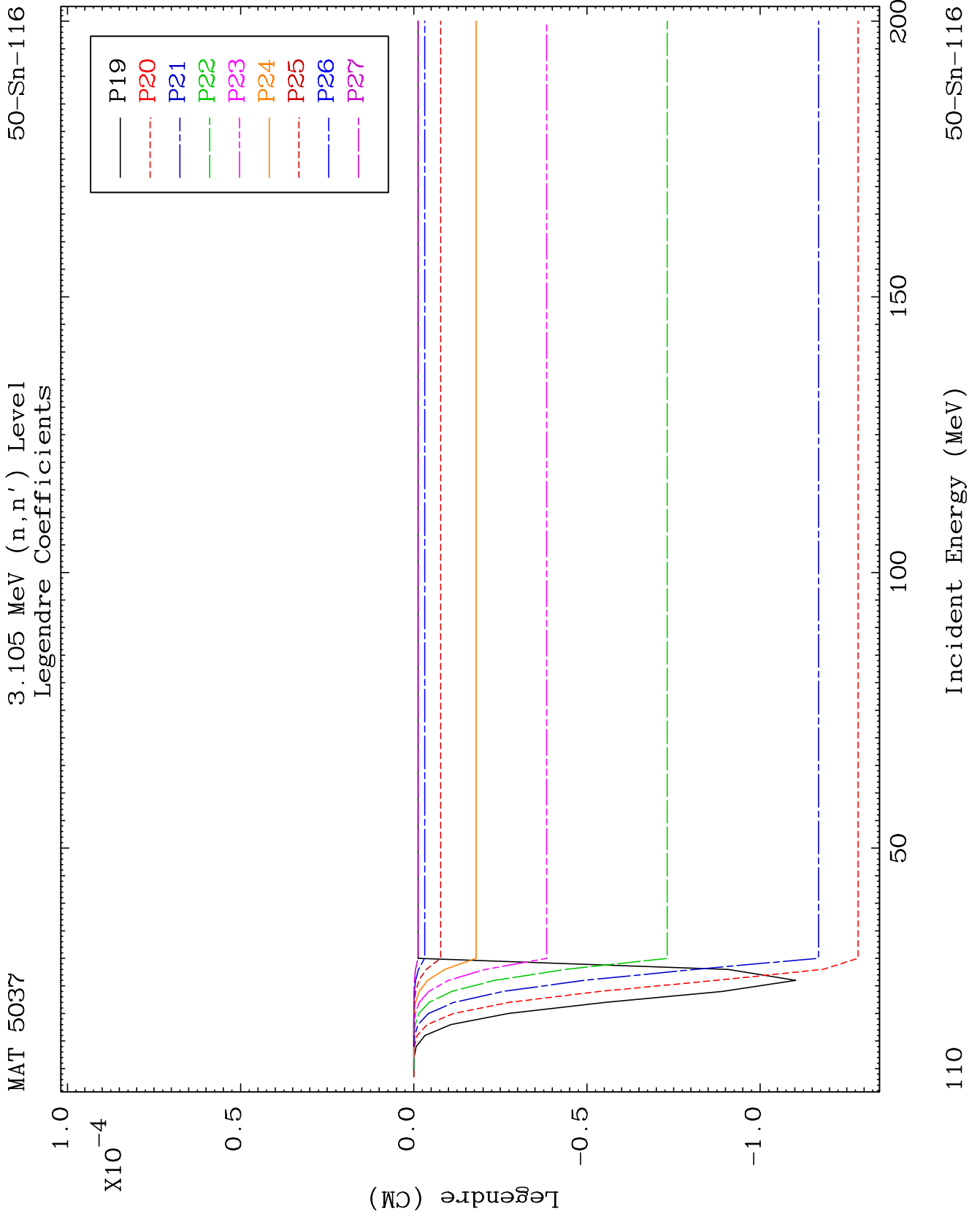
50-Sn-116

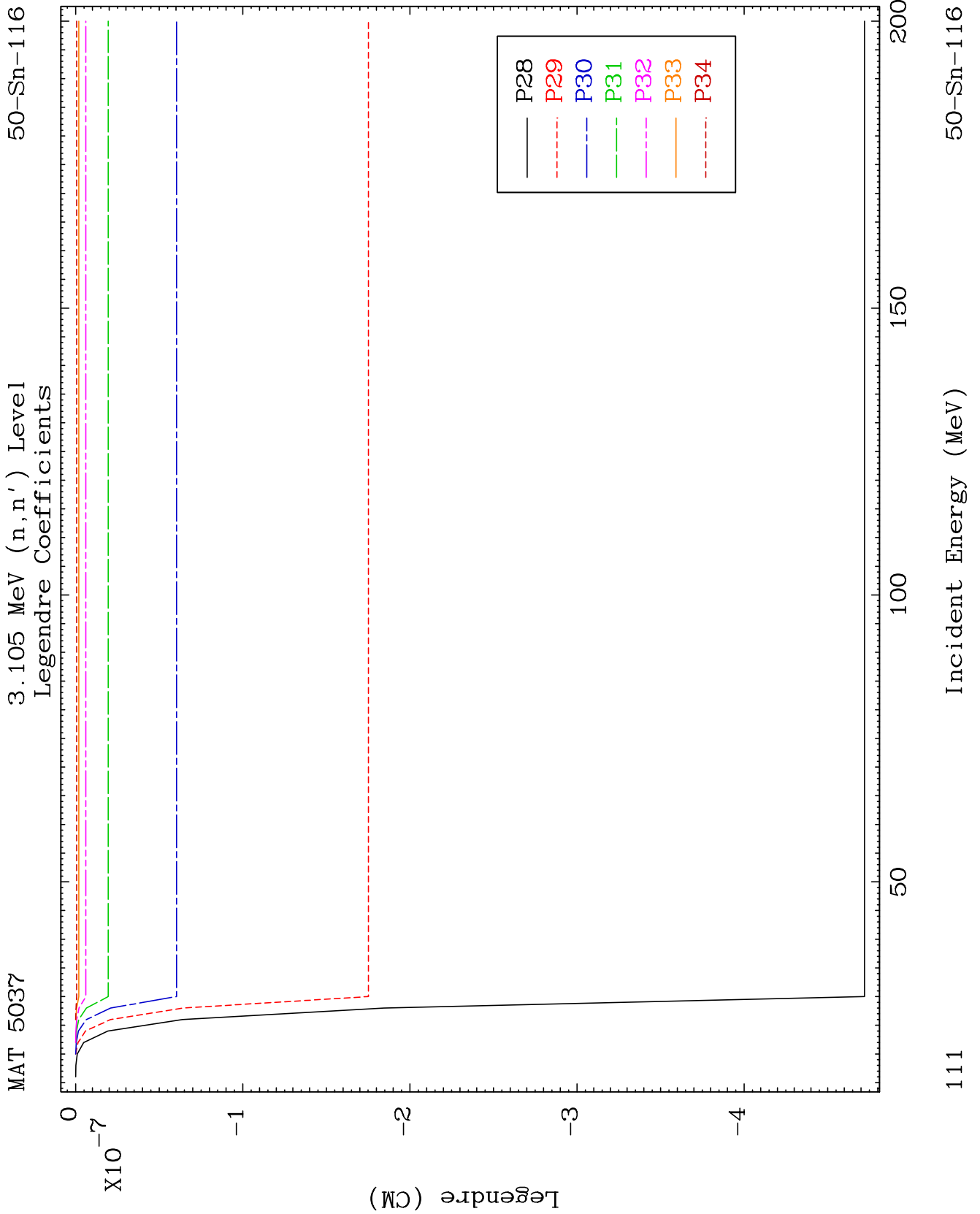


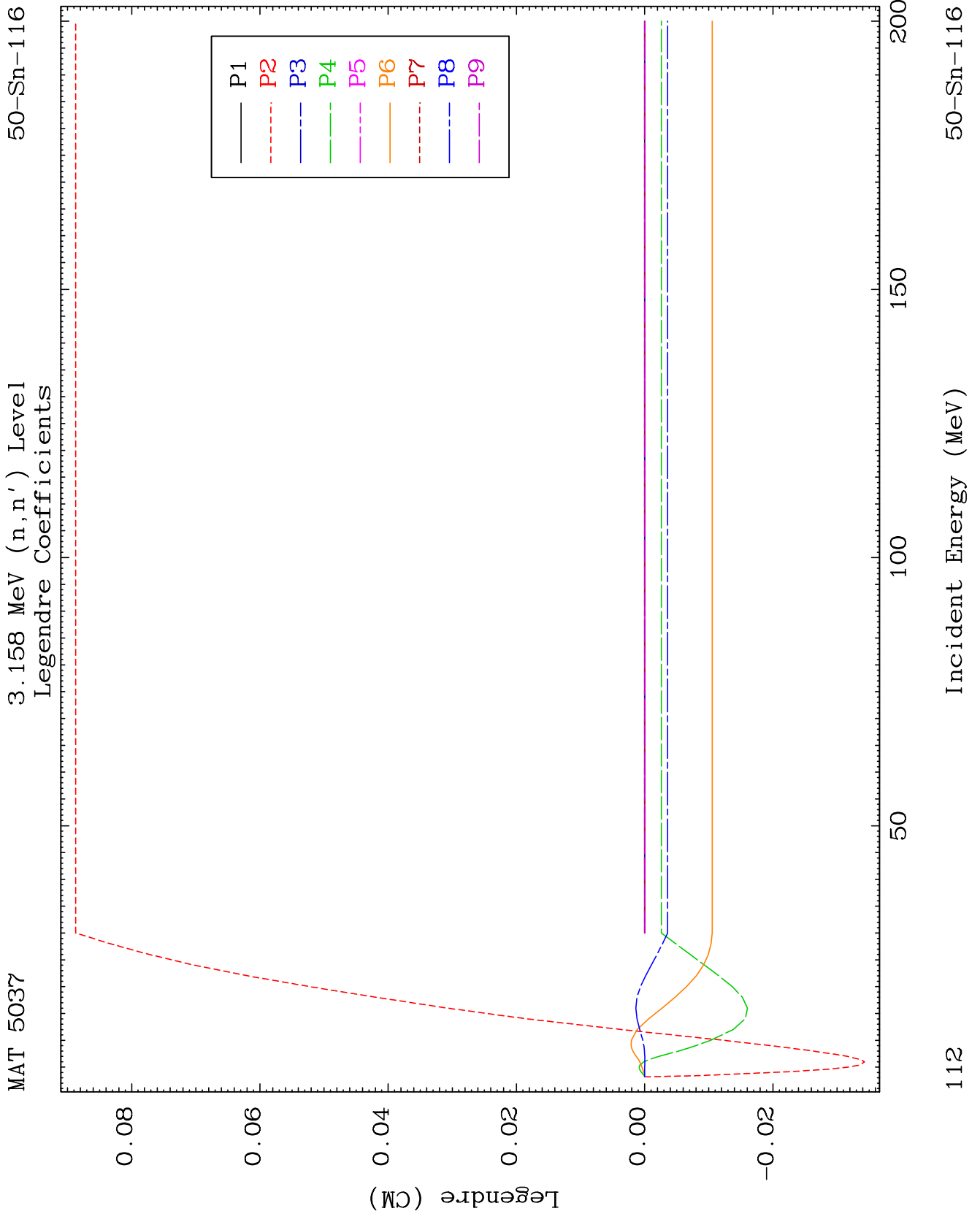
109

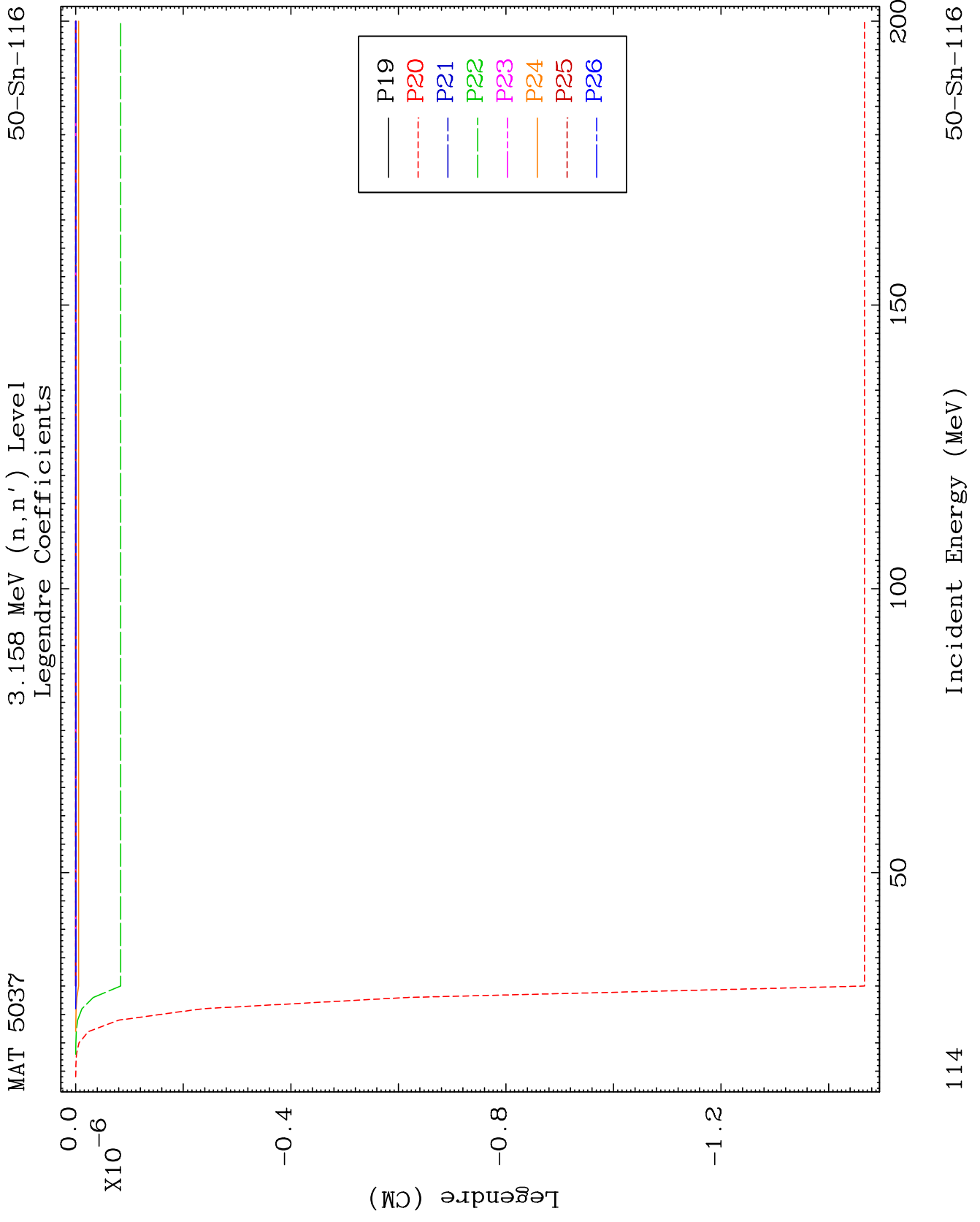
Incident Energy (MeV)

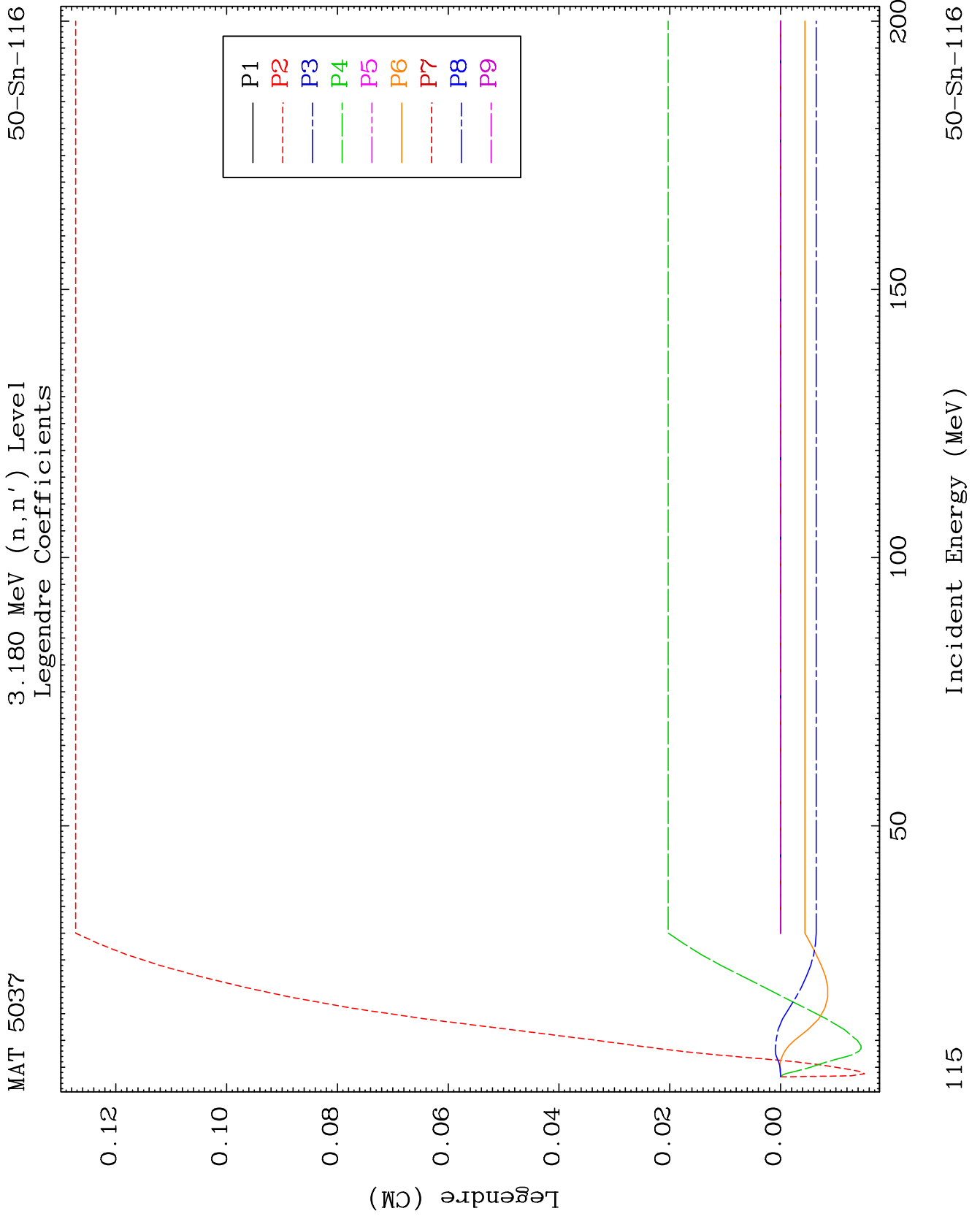
50-Sn-116

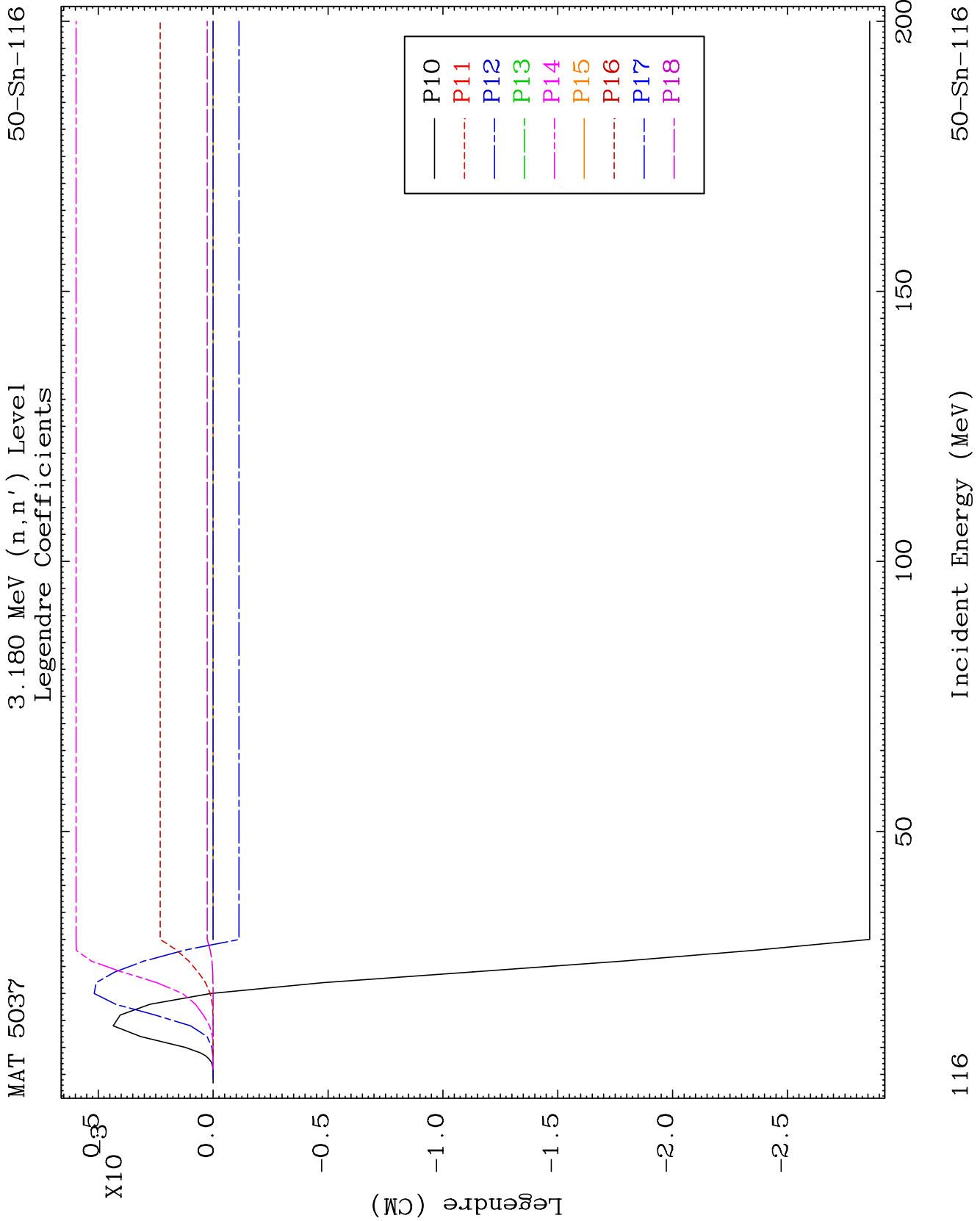


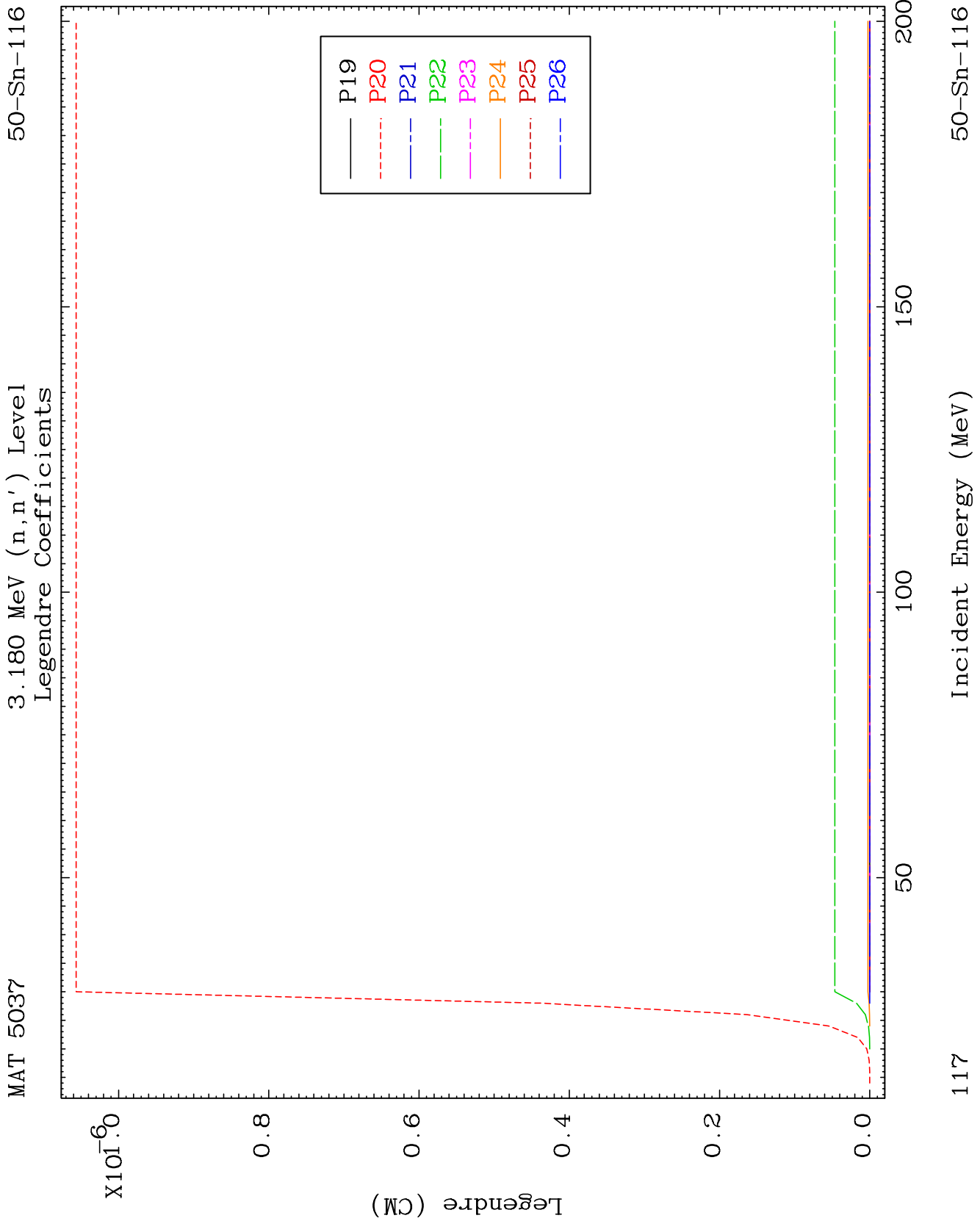


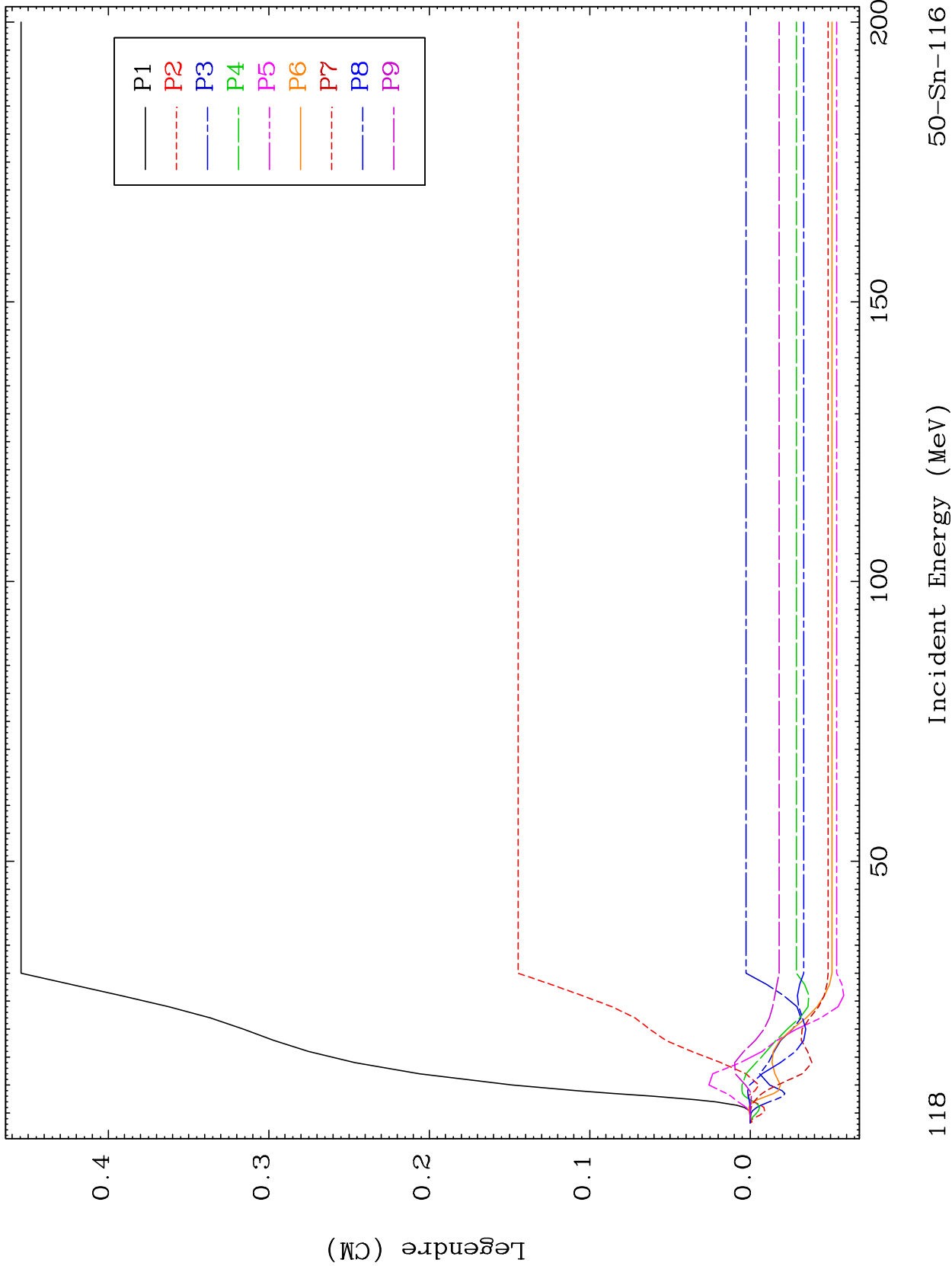


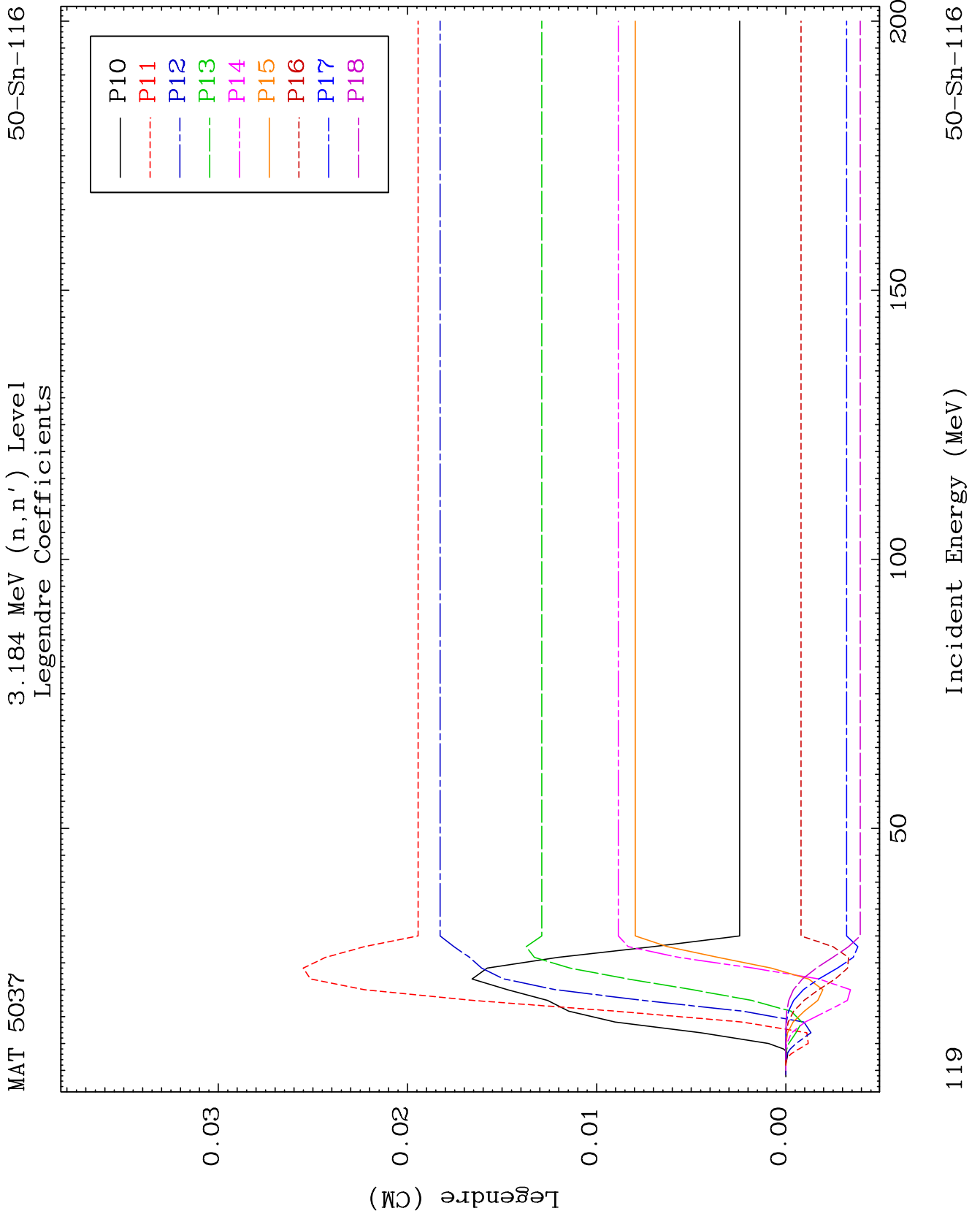


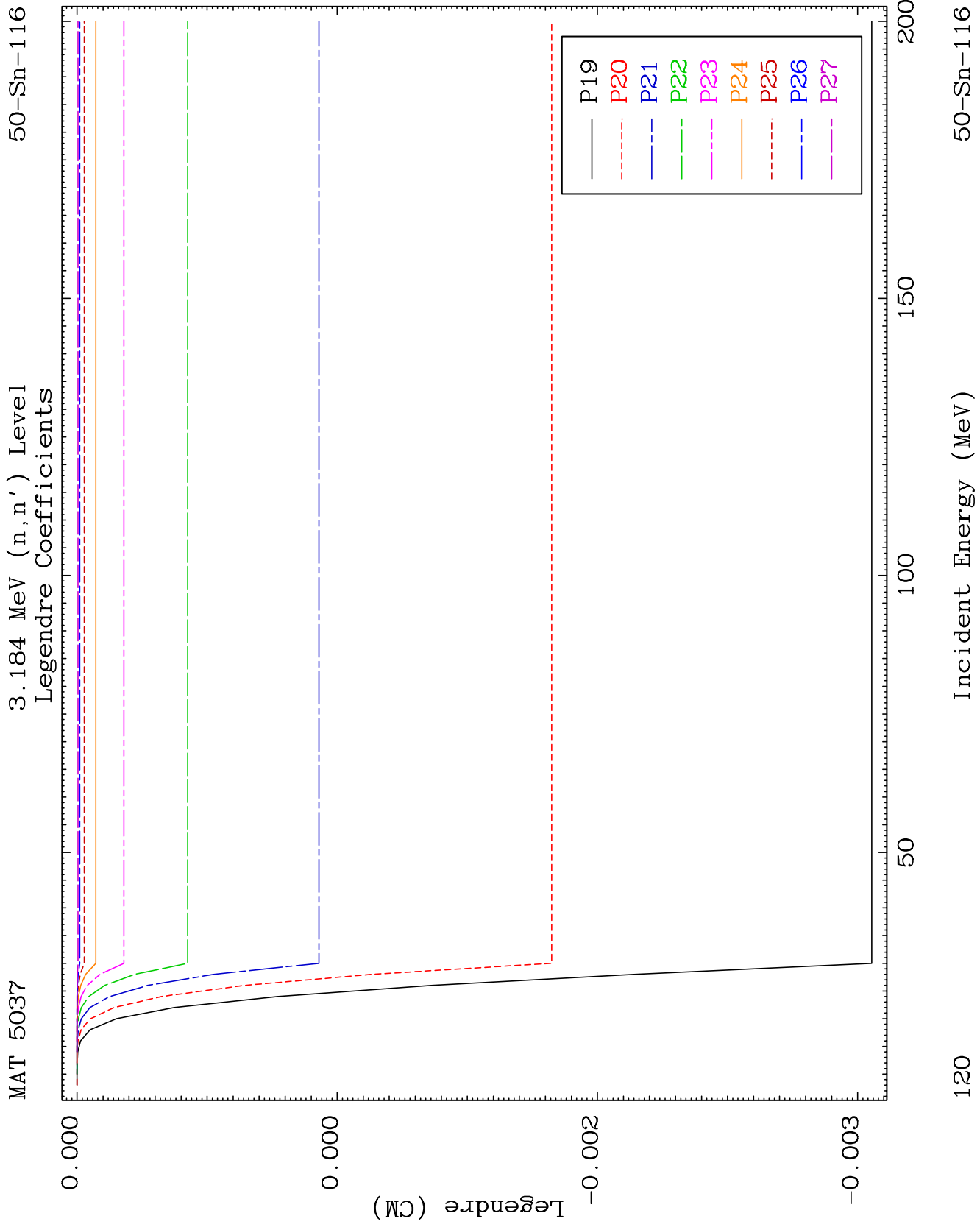


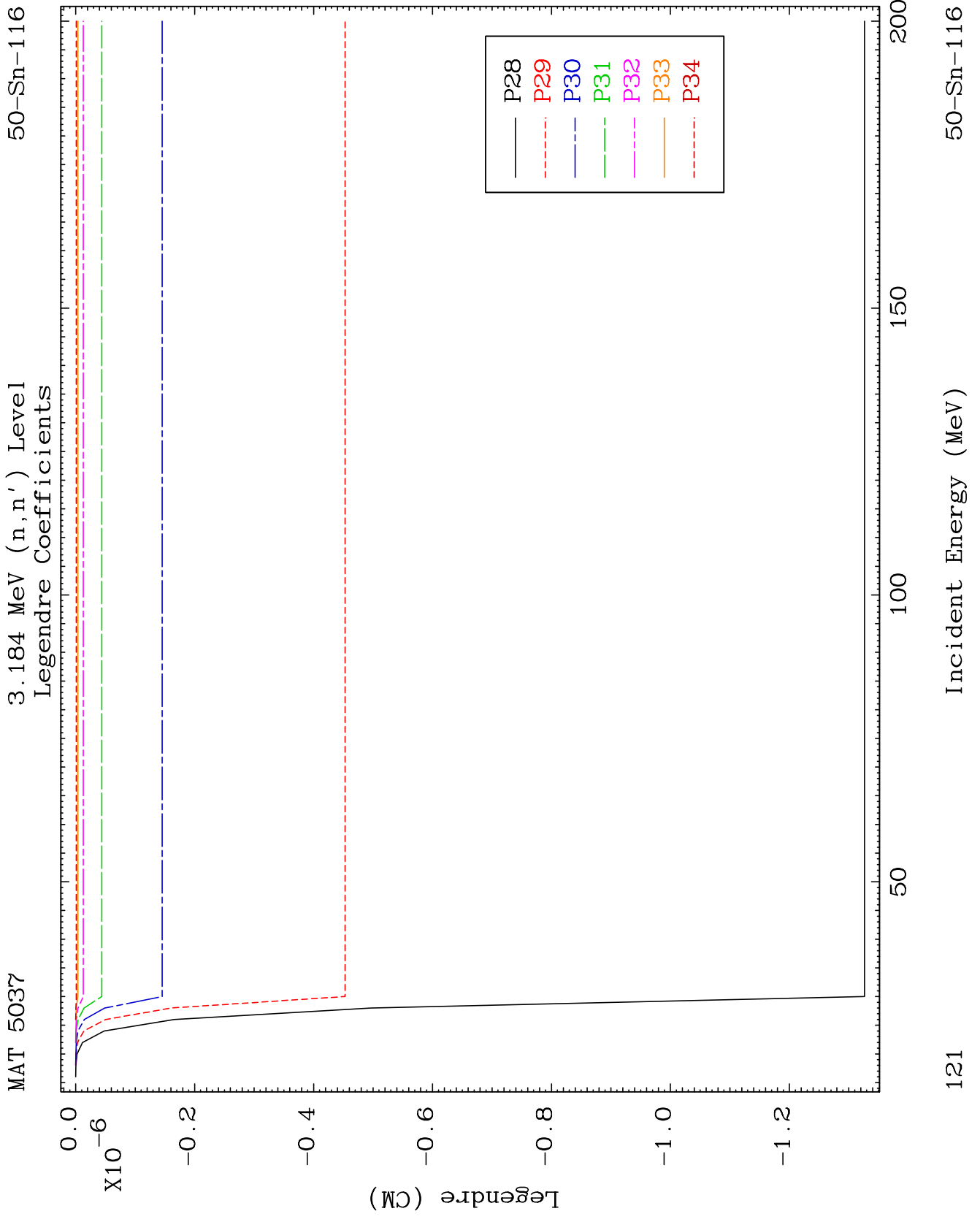


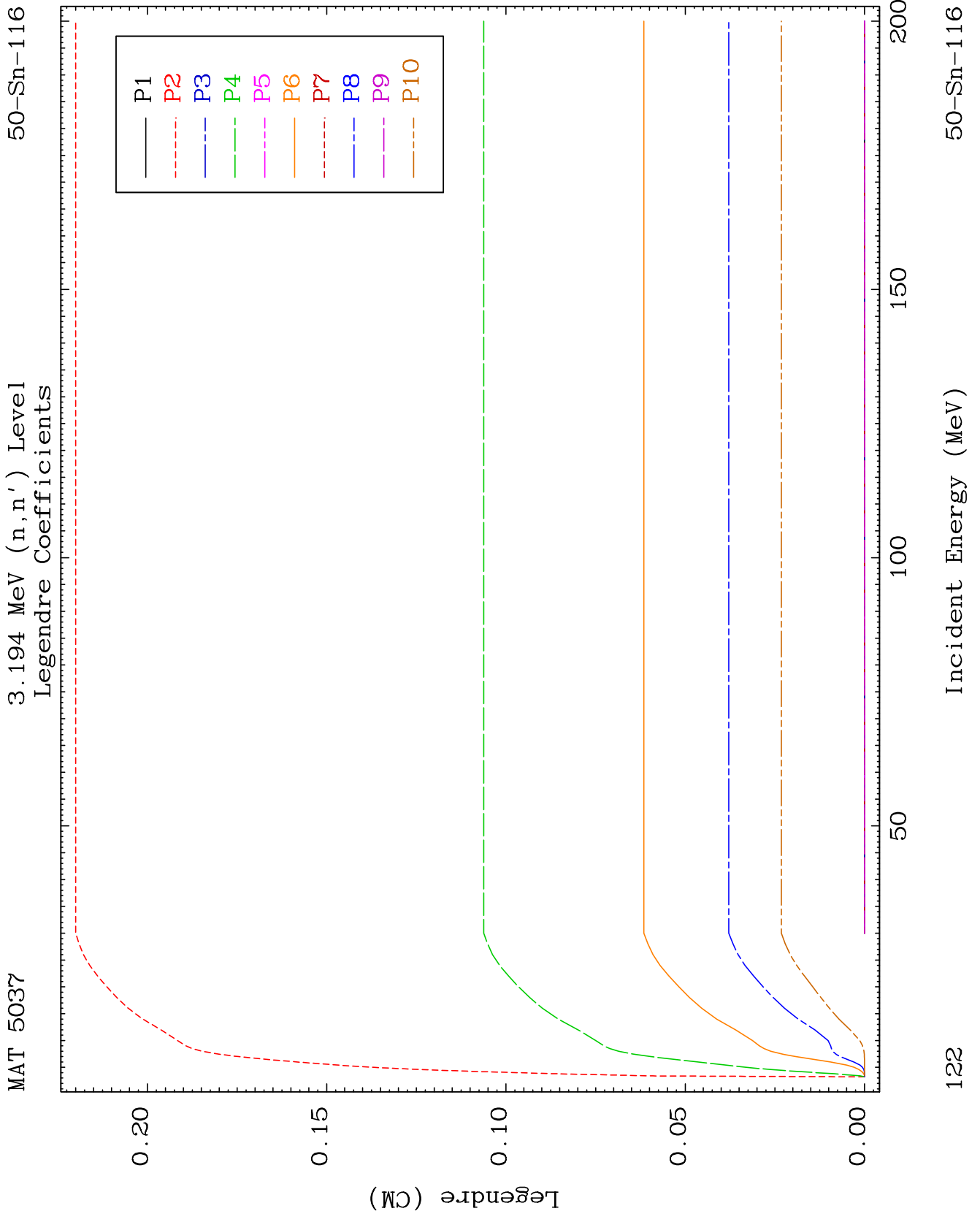


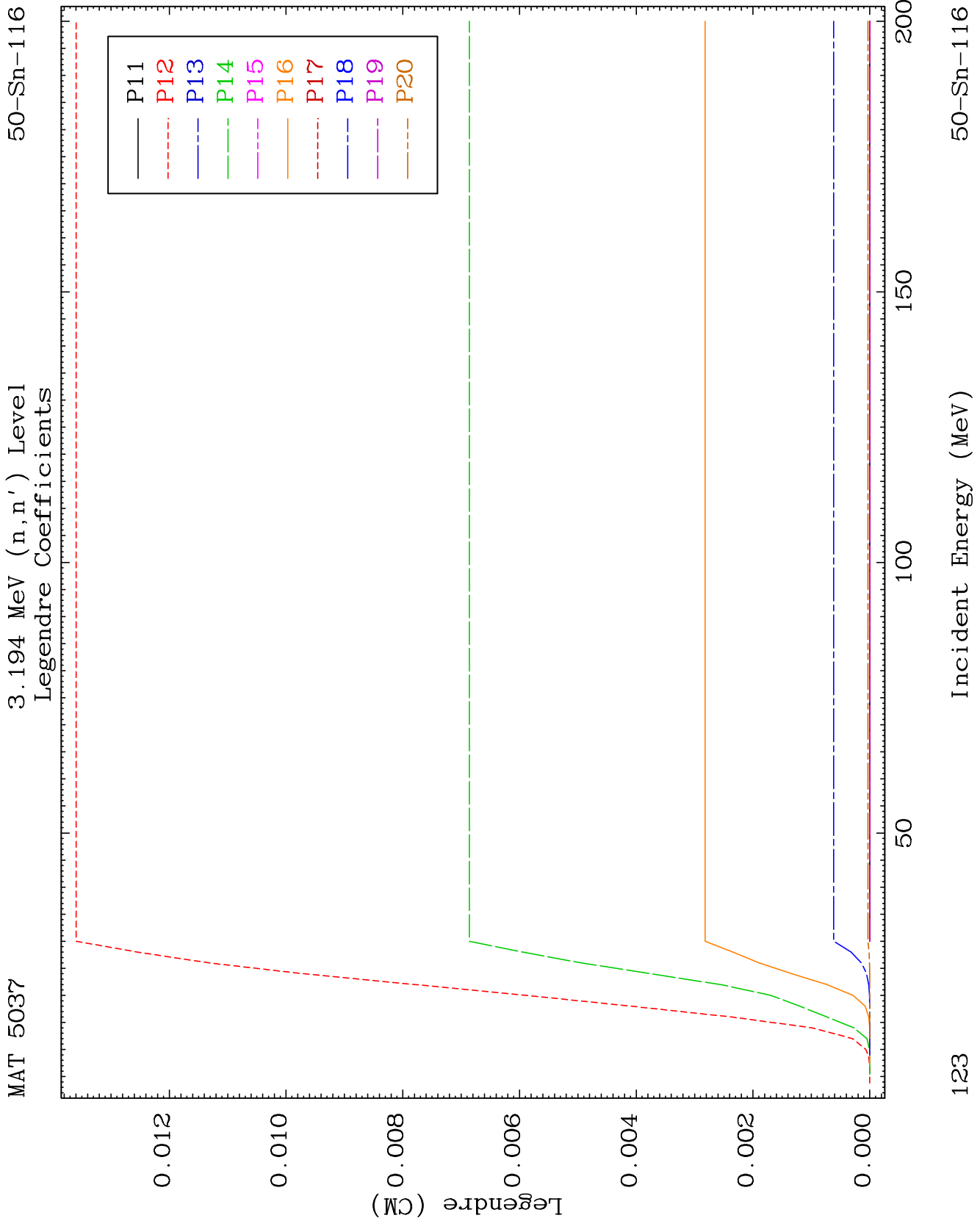










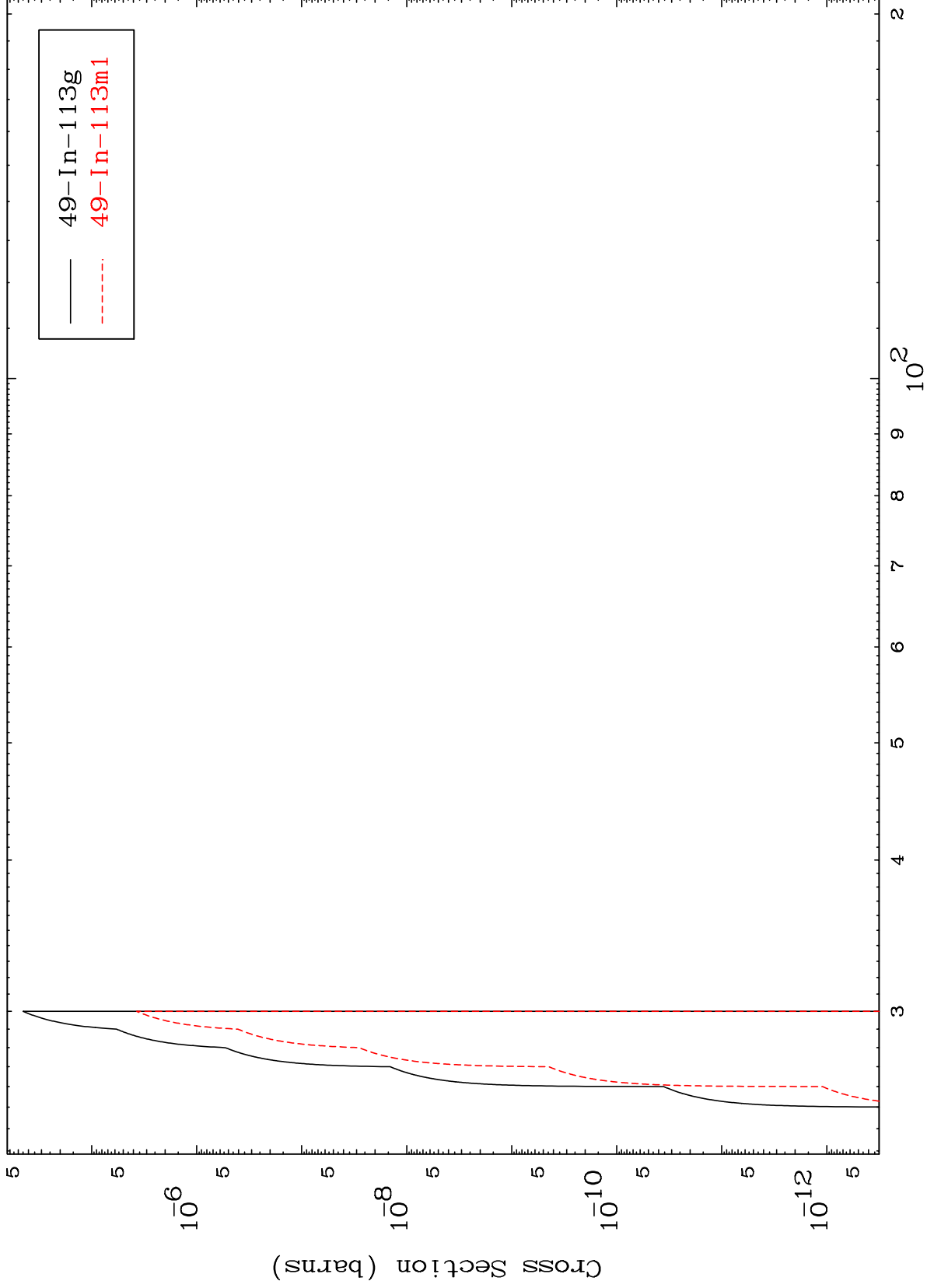


MAT 5037

(n,2n) d

50-Sn-116

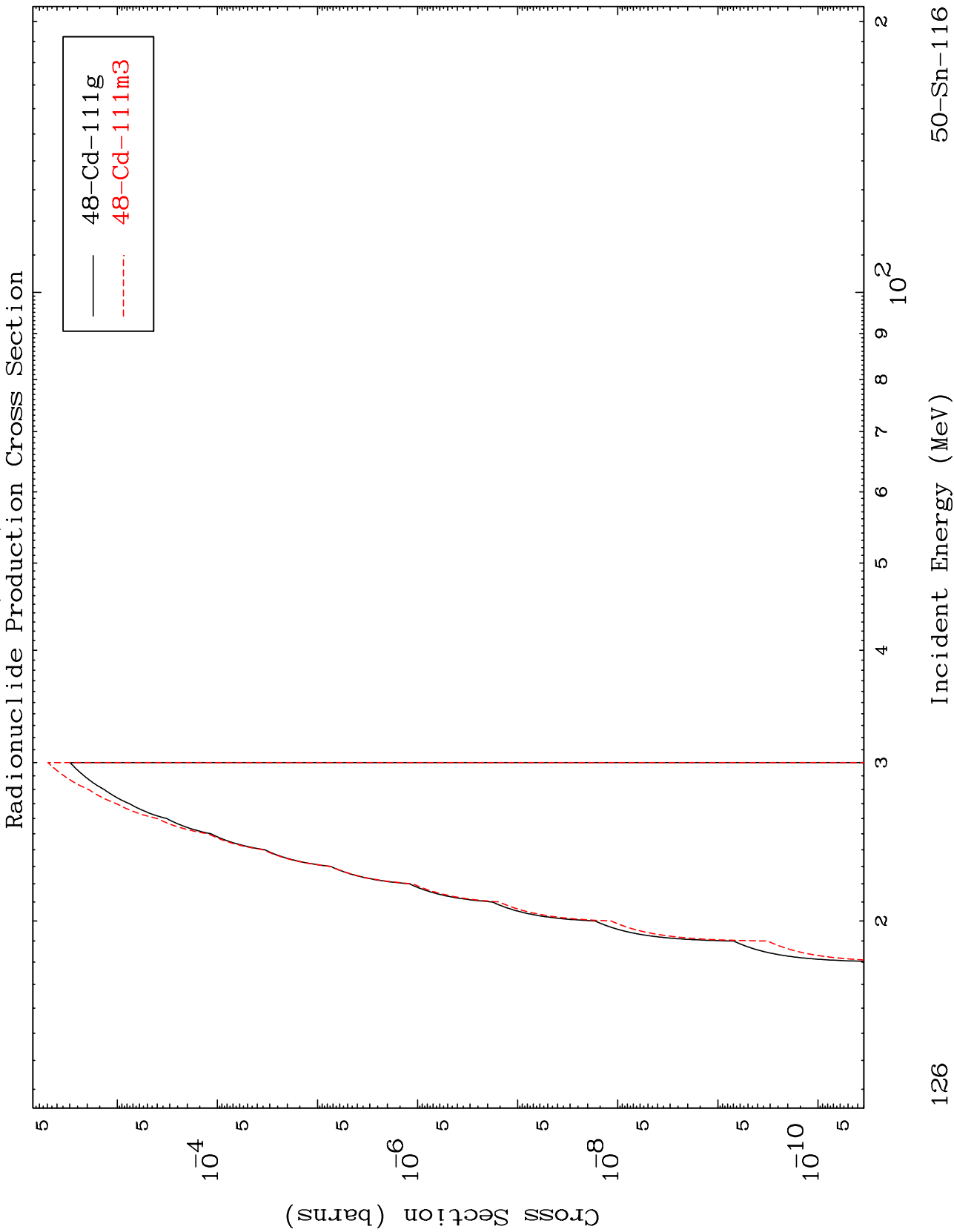
Radionuclide Production Cross Section



125

Incident Energy (MeV)

50-Sn-116

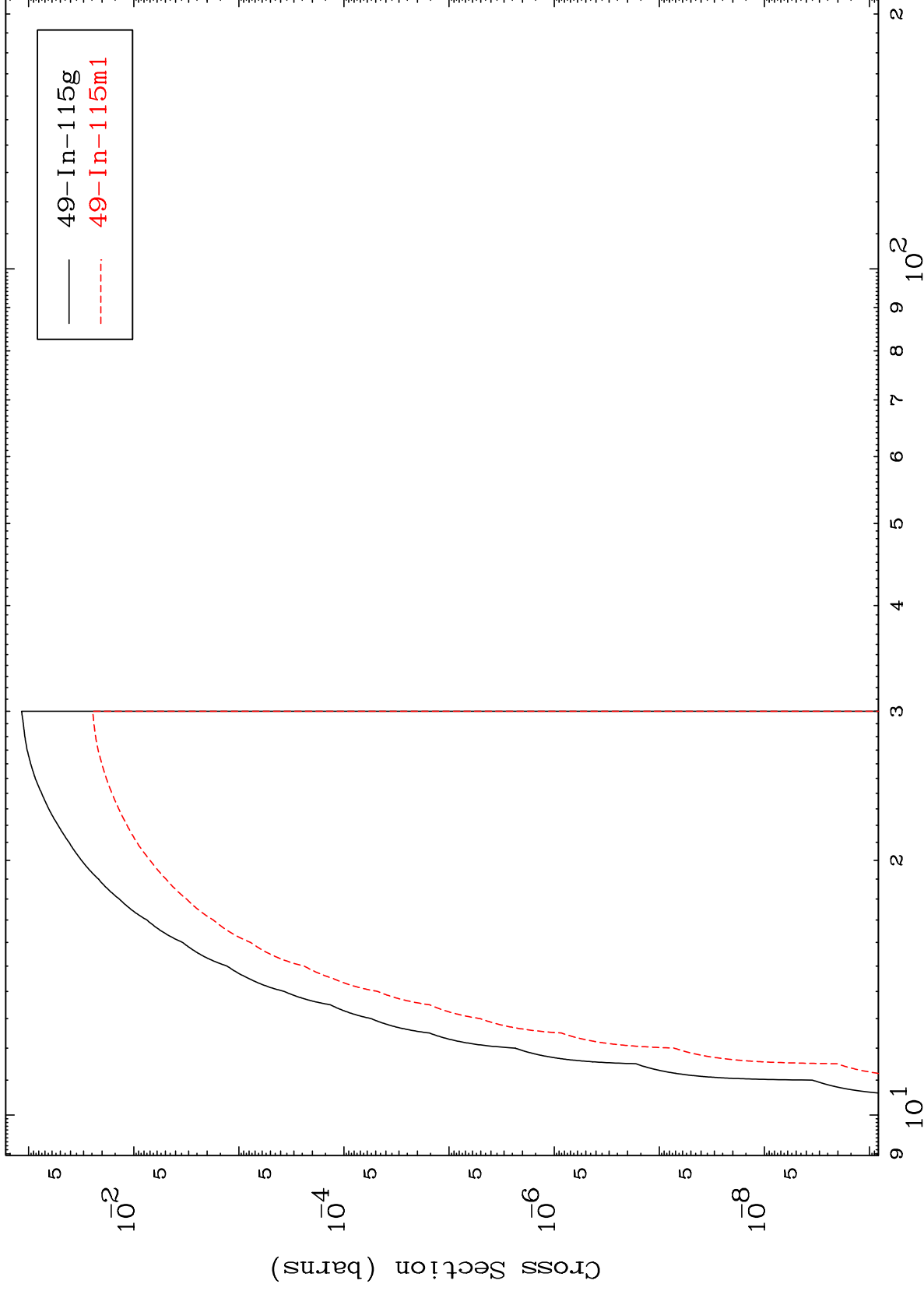


MAT 5037

(n,n') p

50-Sn-116

Radionuclide Production Cross Section



127

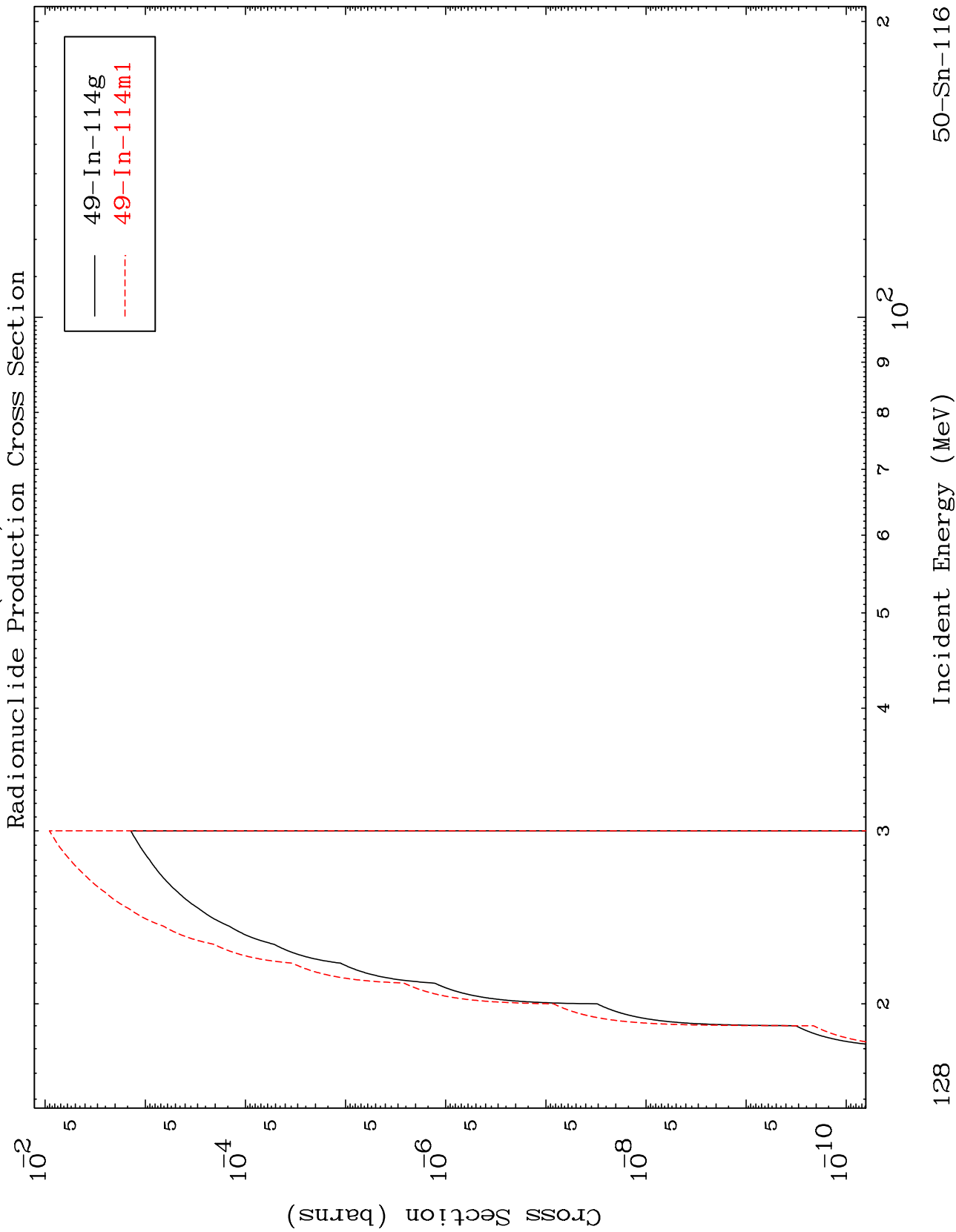
Incident Energy (MeV)

50-Sn-116

MAT 5037

(n,n') d

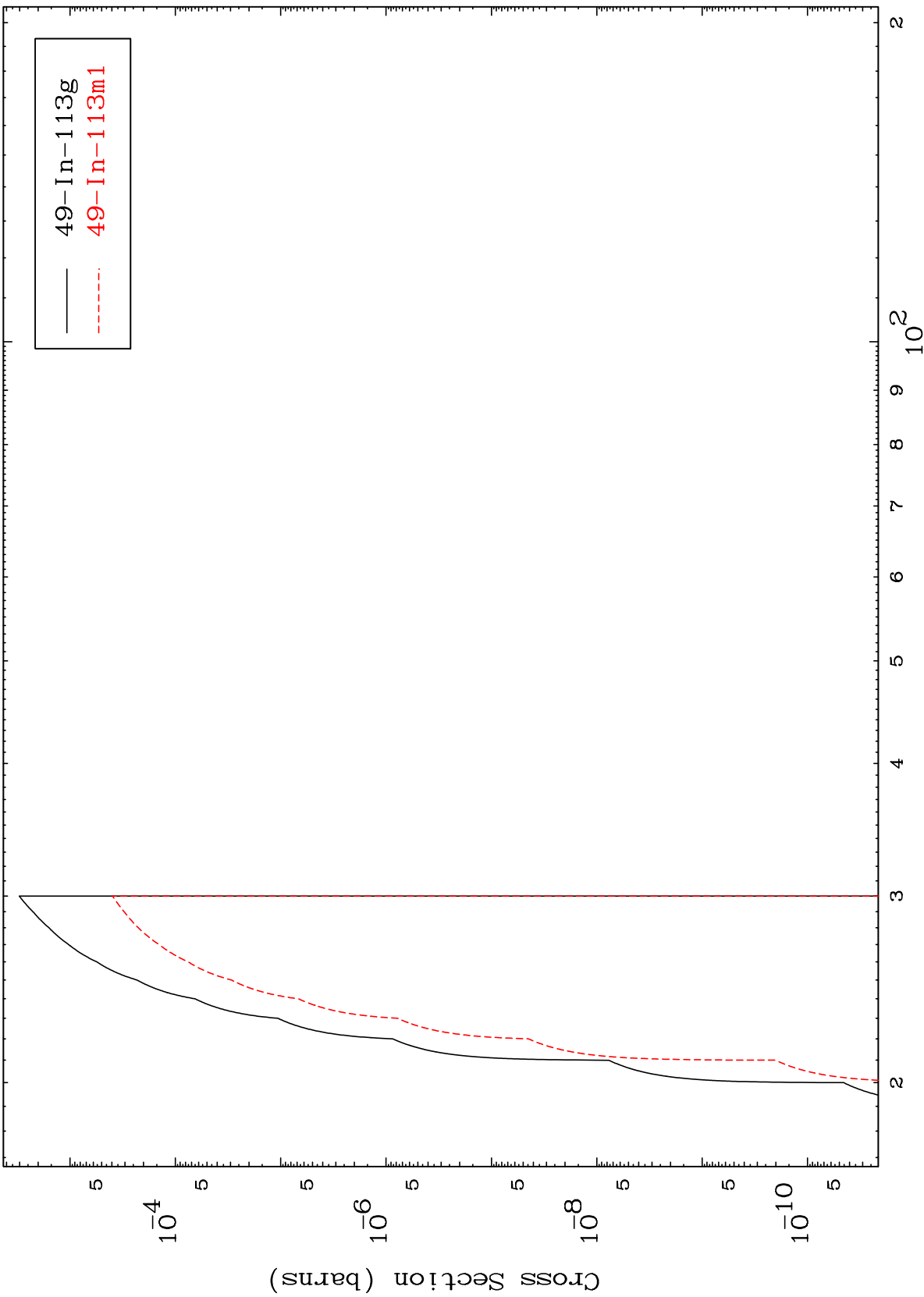
50-Sn-116



128

50-Sn-116

Radionuclide Production Cross Section

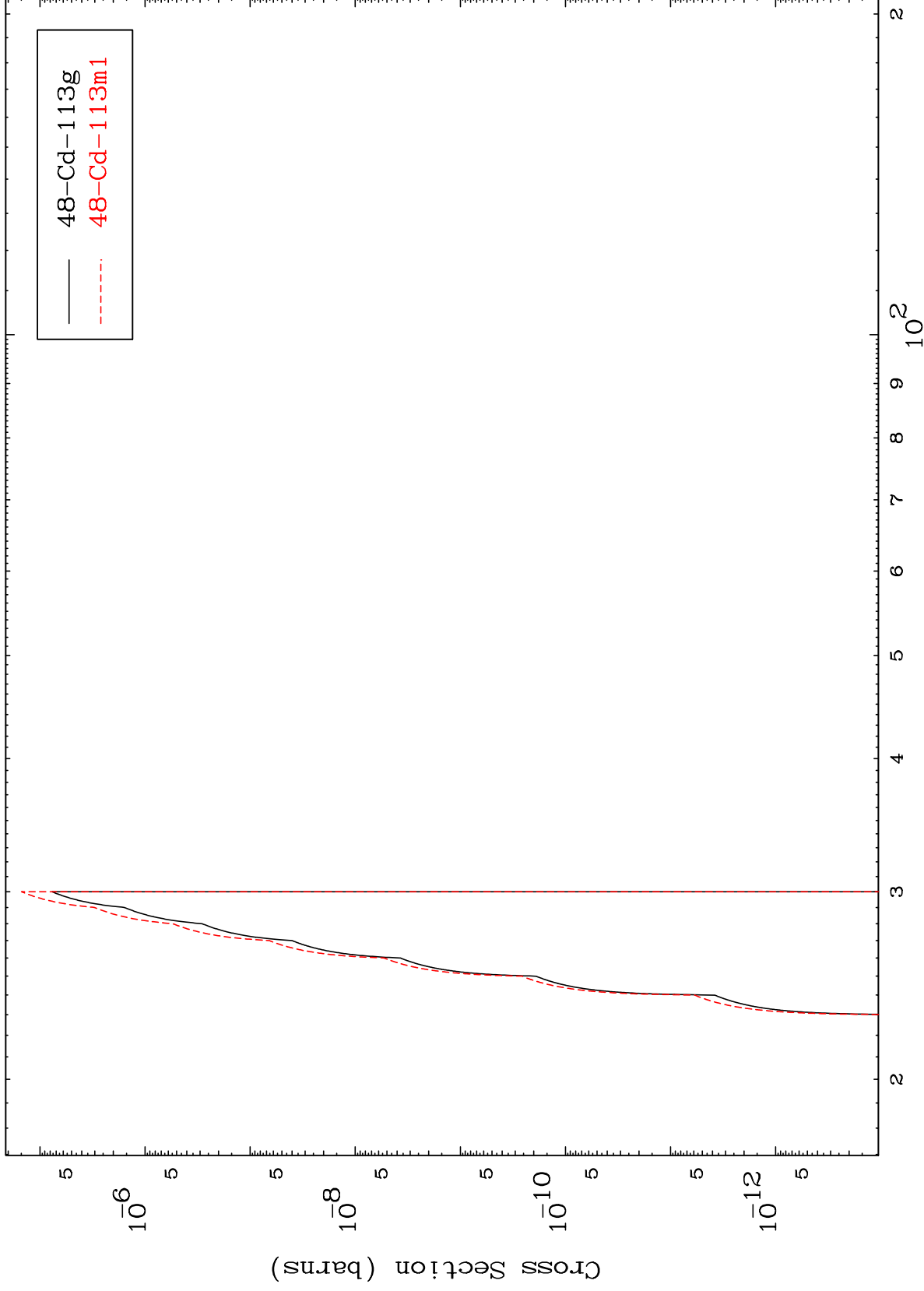


MAT 5037

(n,n') He-3

50-Sn-116

Radionuclide Production Cross Section



130

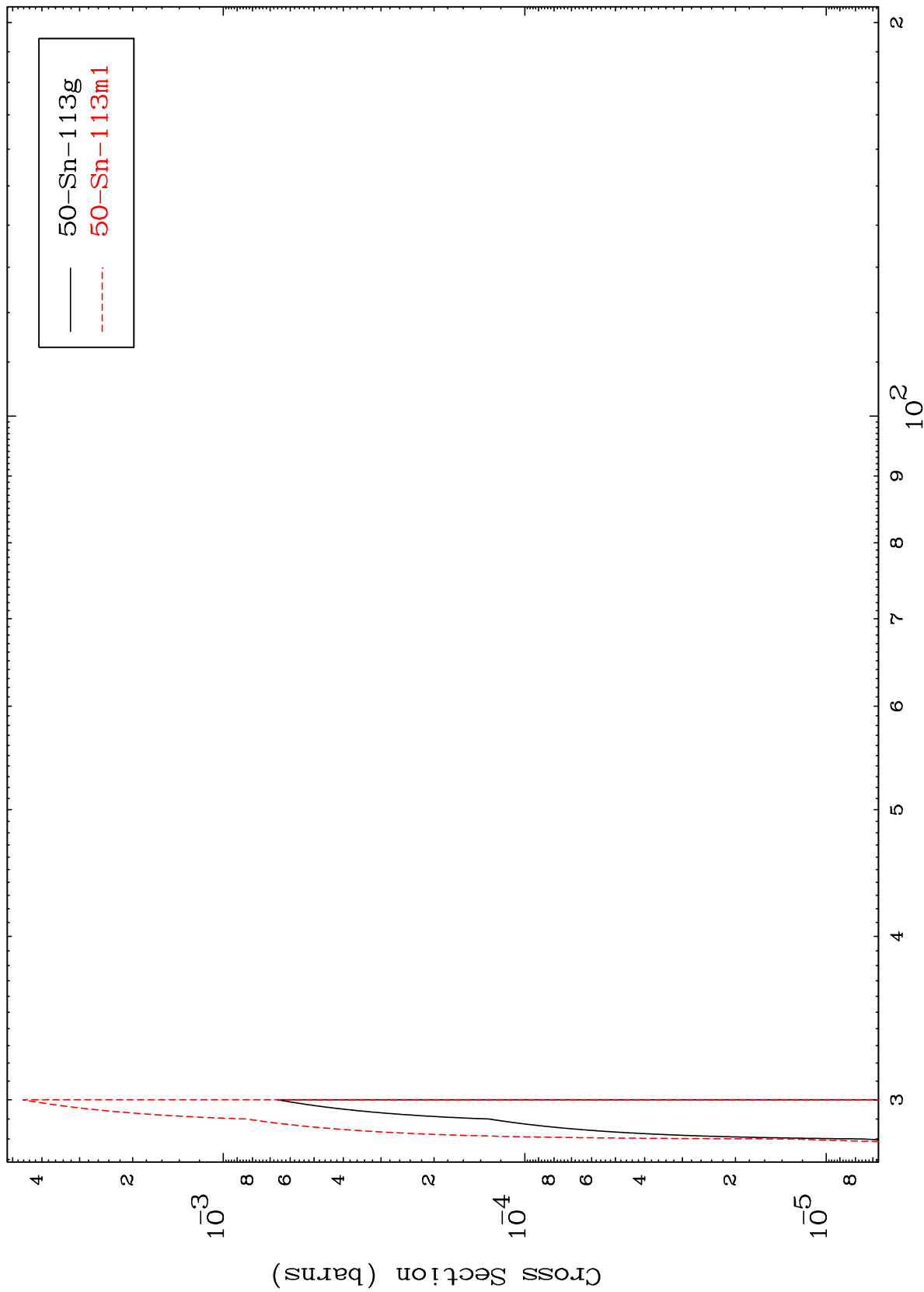
Incident Energy (MeV)

50-Sn-116

MAT 5037

50-Sn-116

(n,4n)
Radionuclide Production Cross Section

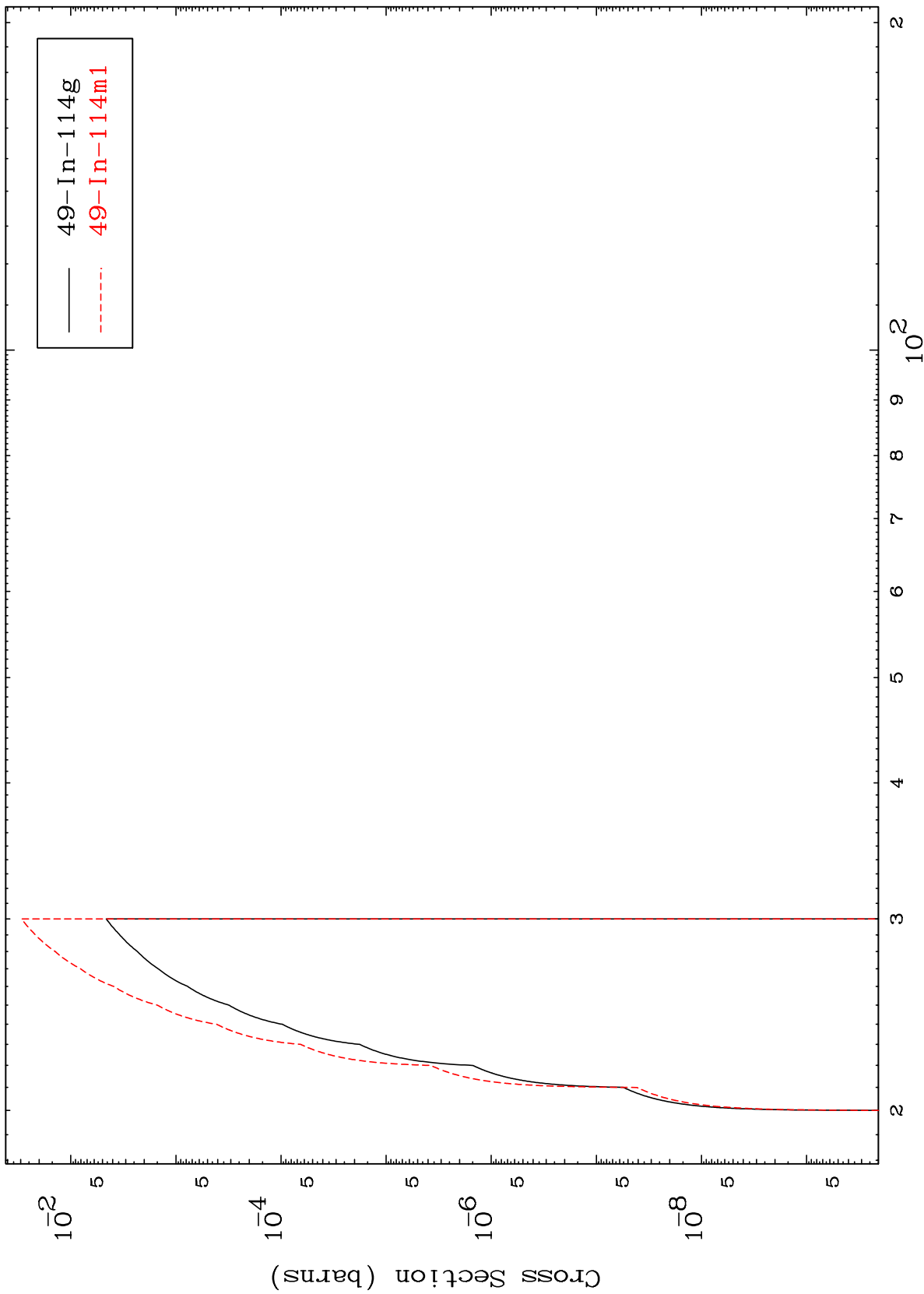


50-Sn-116

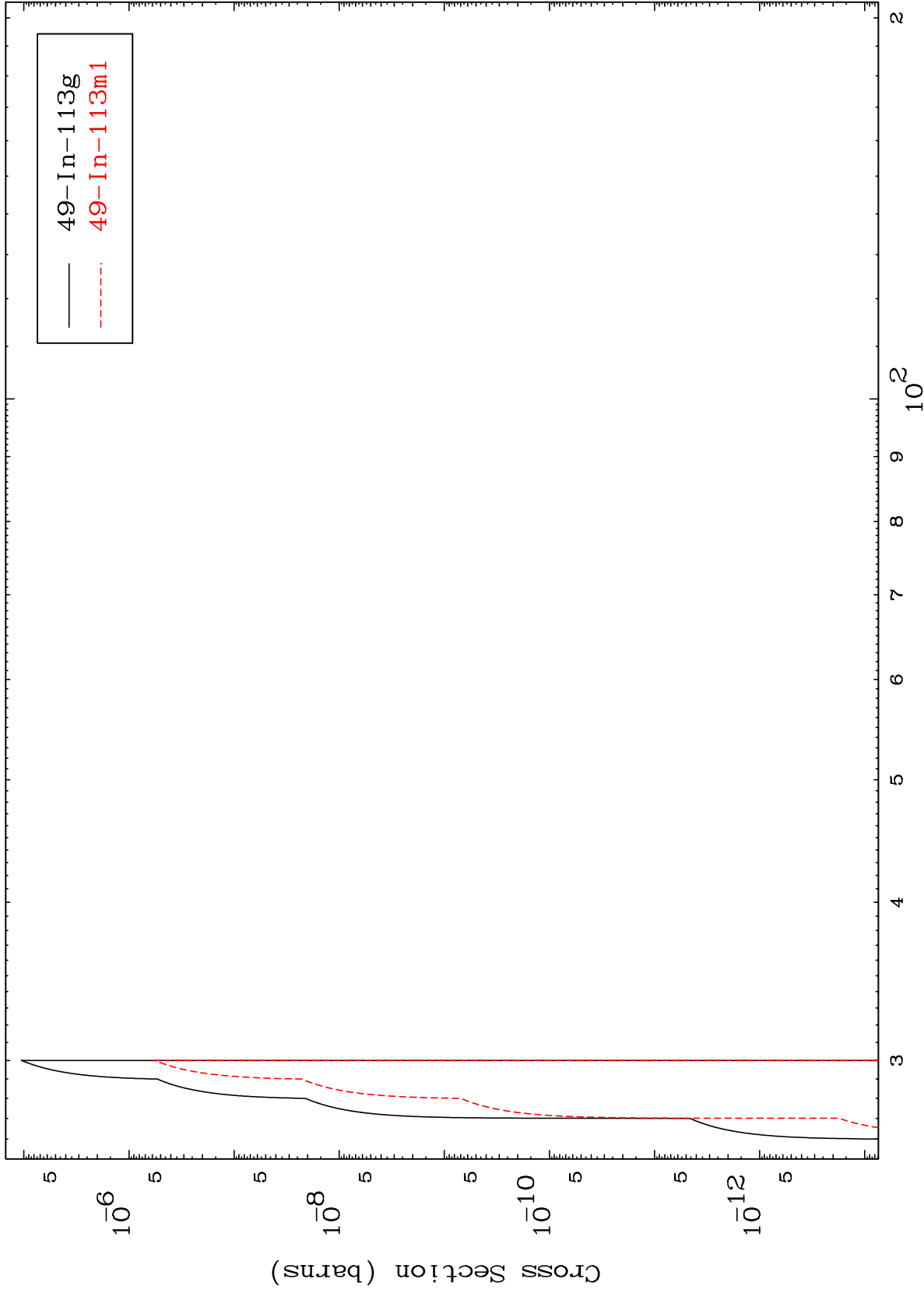
Incident Energy (MeV)

131

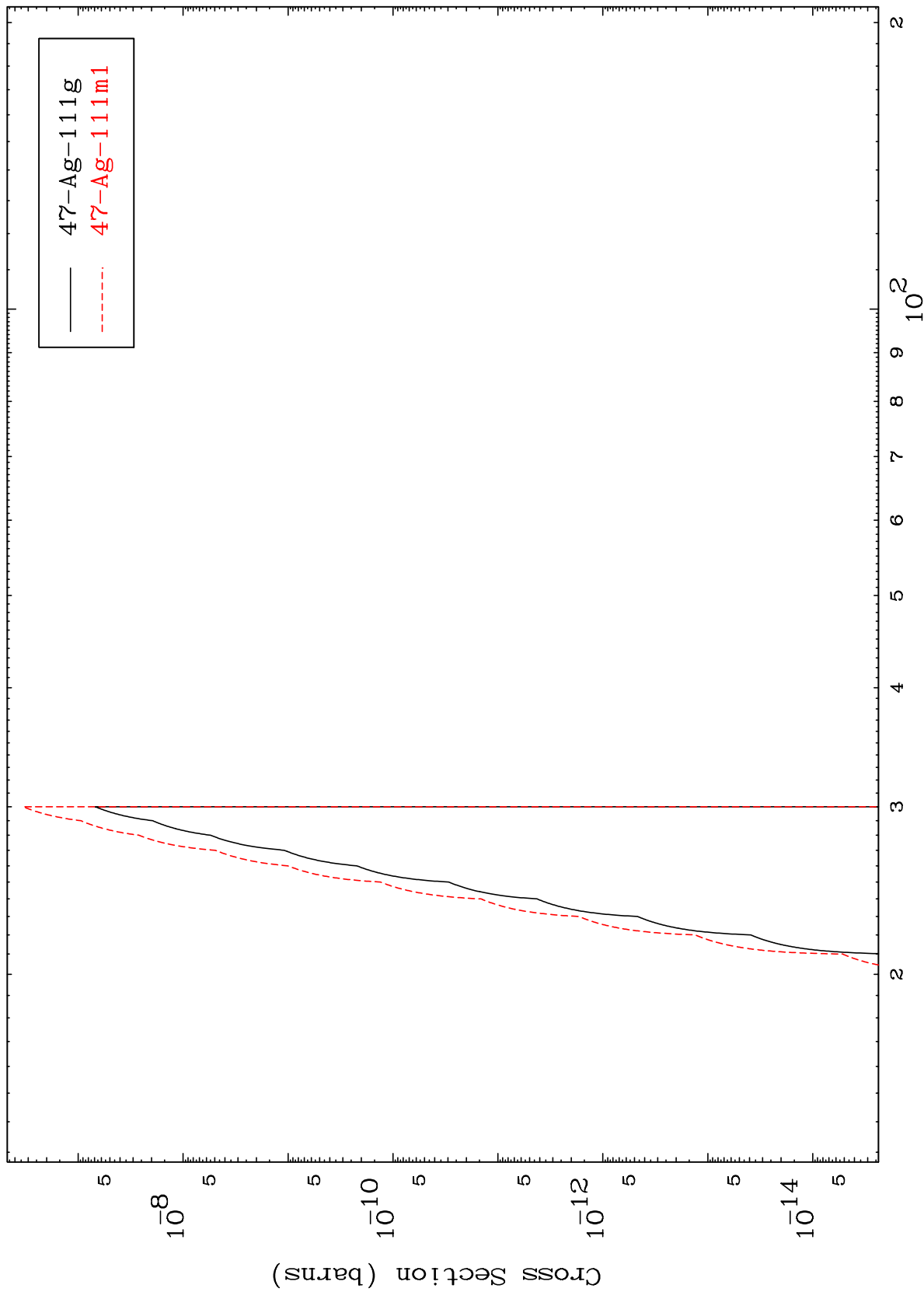
(n,2n) p
Radionuclide Production Cross Section



Radionuclide Production Cross Section



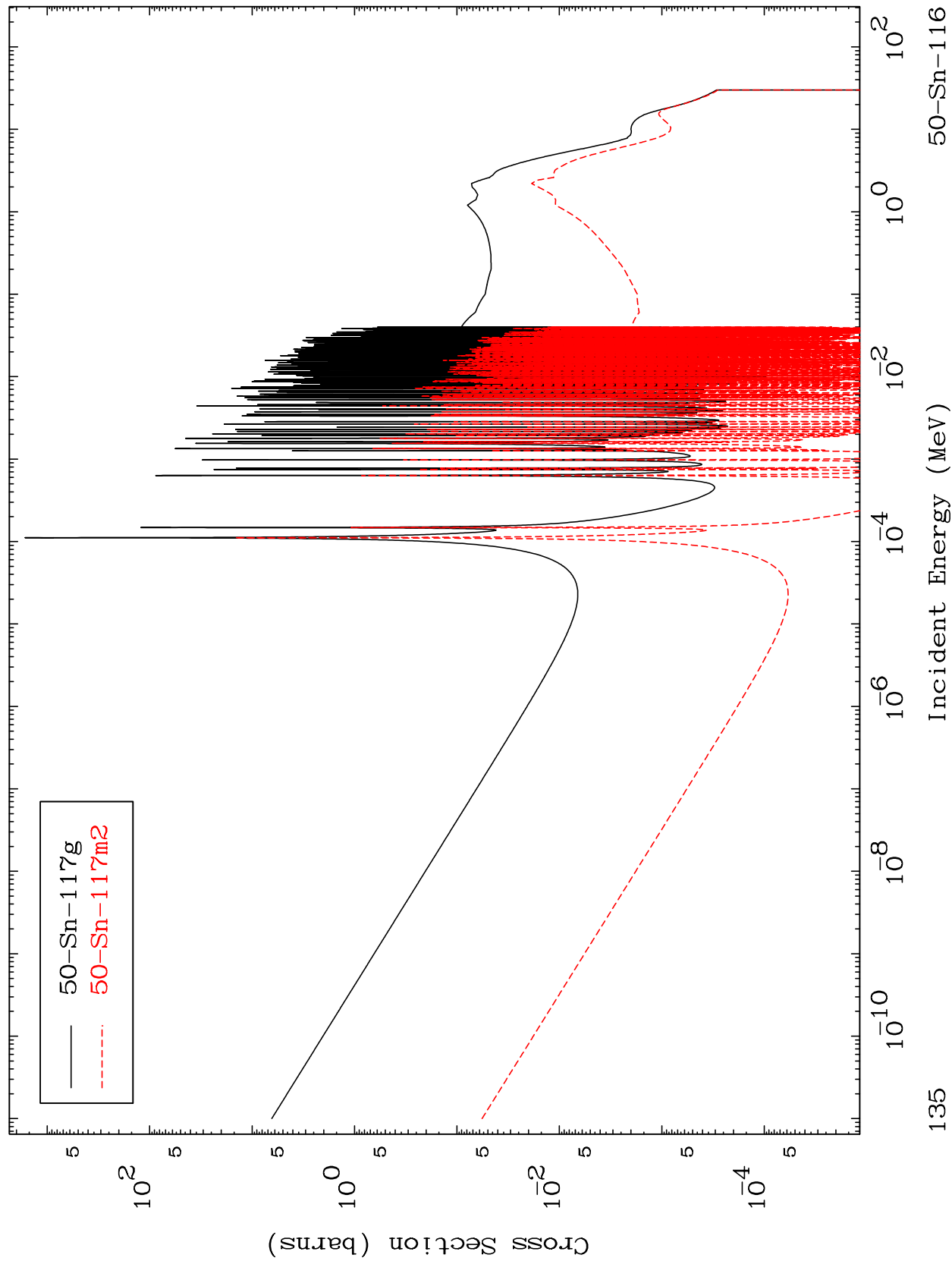
Radionuclide Production Cross Section



MAT 5037

50-Sn-116

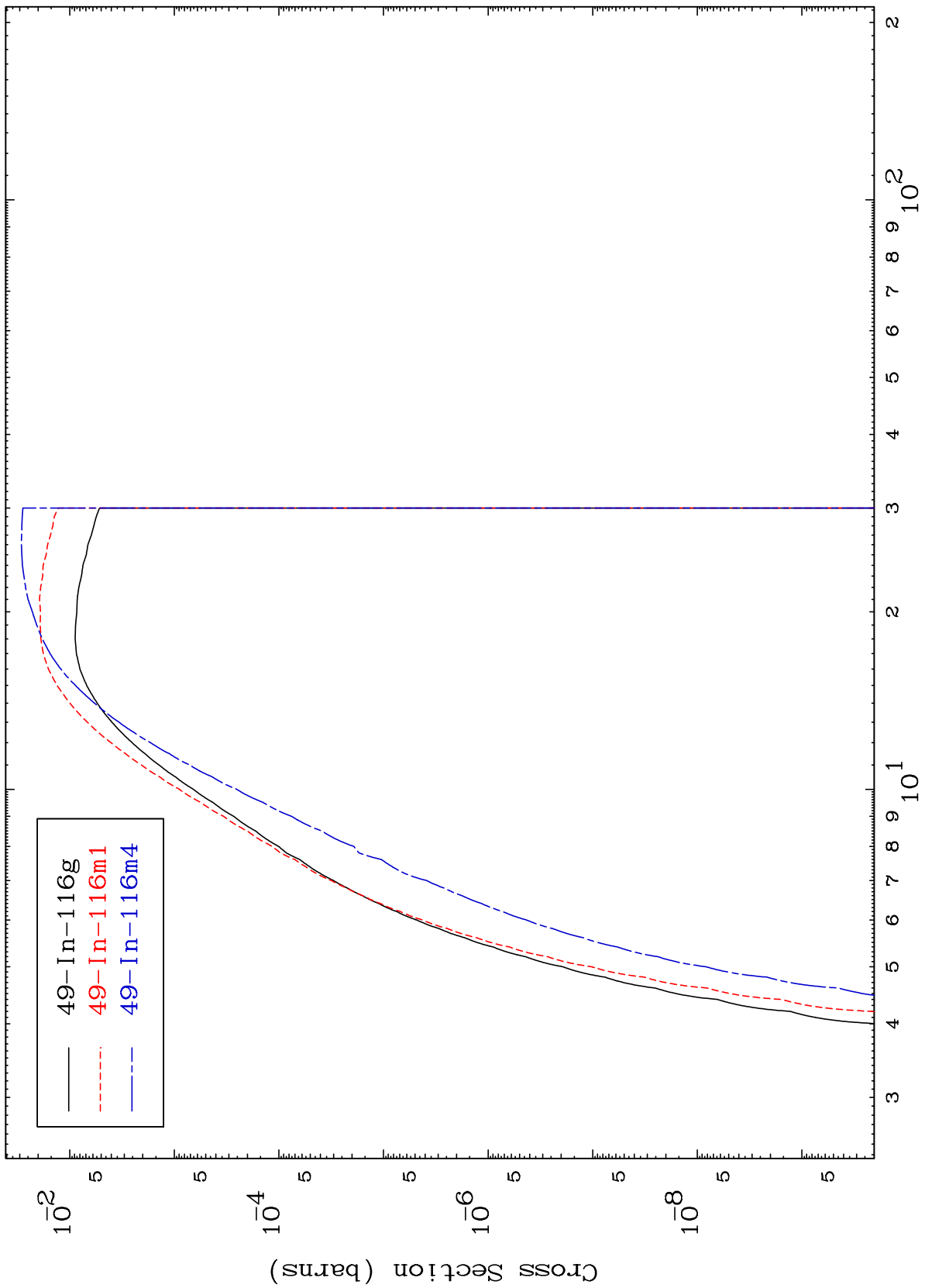
(n,γ)
Radionuclide Production Cross Section



135

50-Sn-116

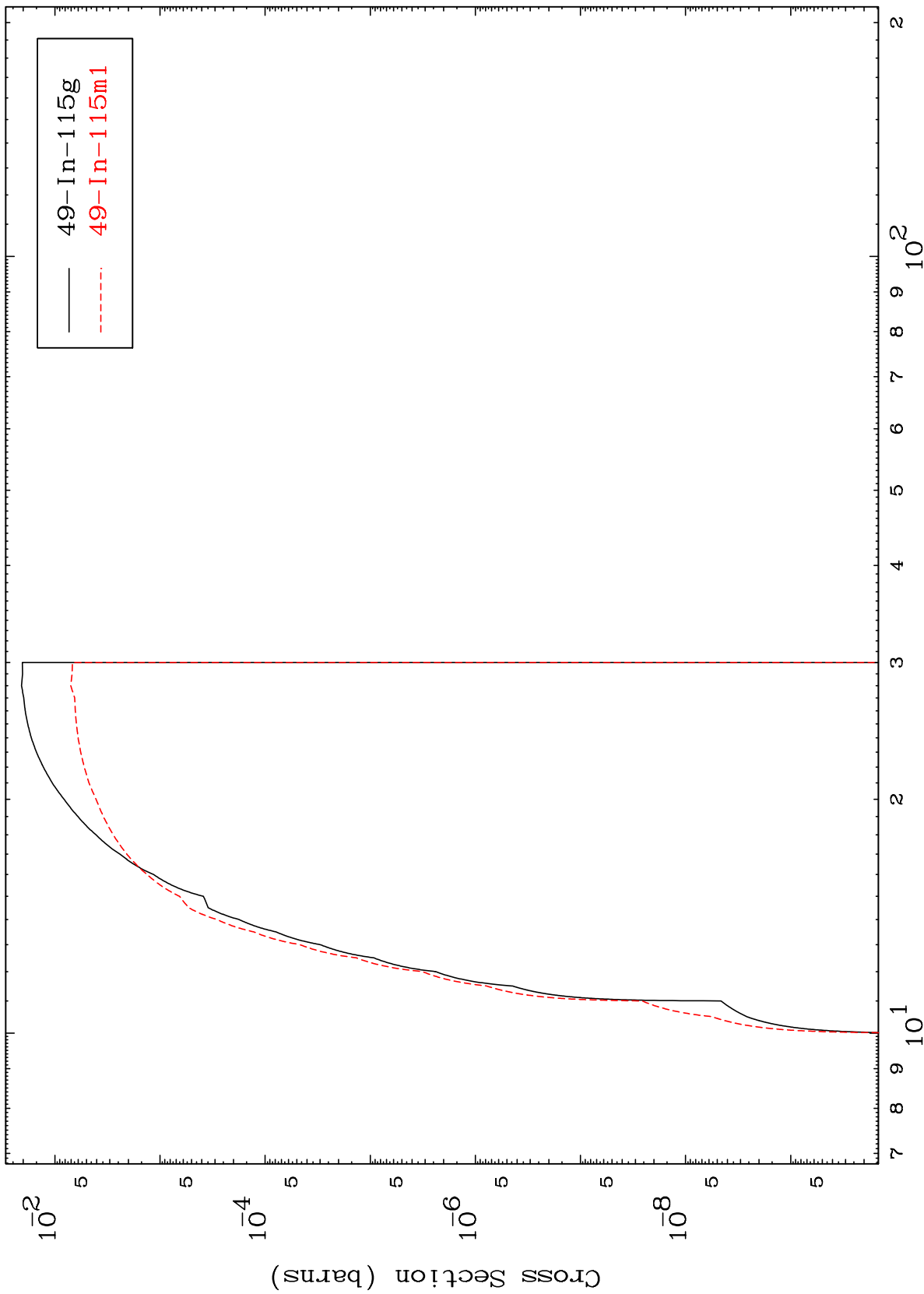
(n,p)
Radionuclide Production Cross Section



MAT 5037

50-Sn-116

(n,d)
Radionuclide Production Cross Section



50-Sn-116

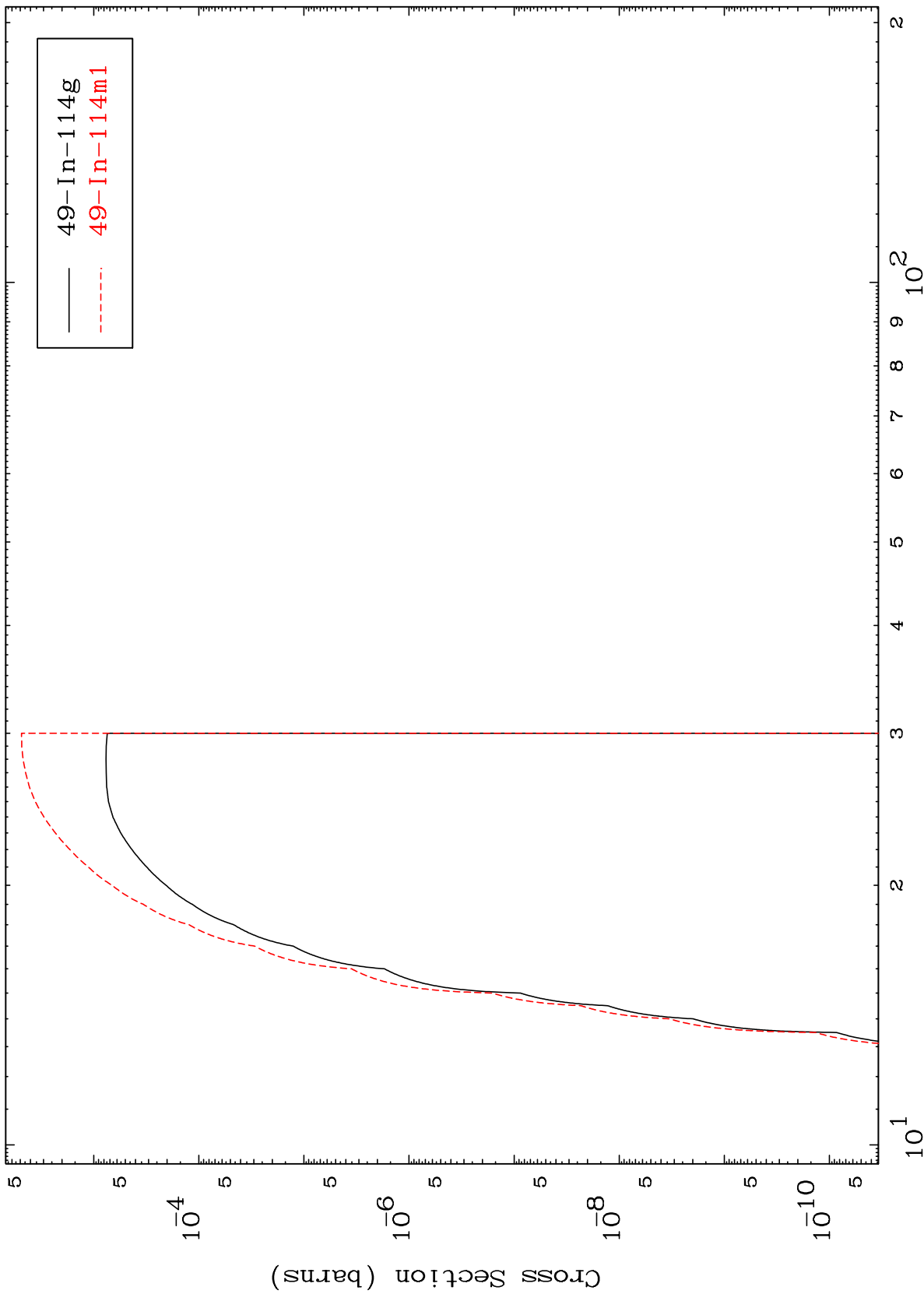
Incident Energy (MeV)

137

MAT 5037

50-Sn-116

(n,t)
Radionuclide Production Cross Section



50-Sn-116

Incident Energy (MeV)

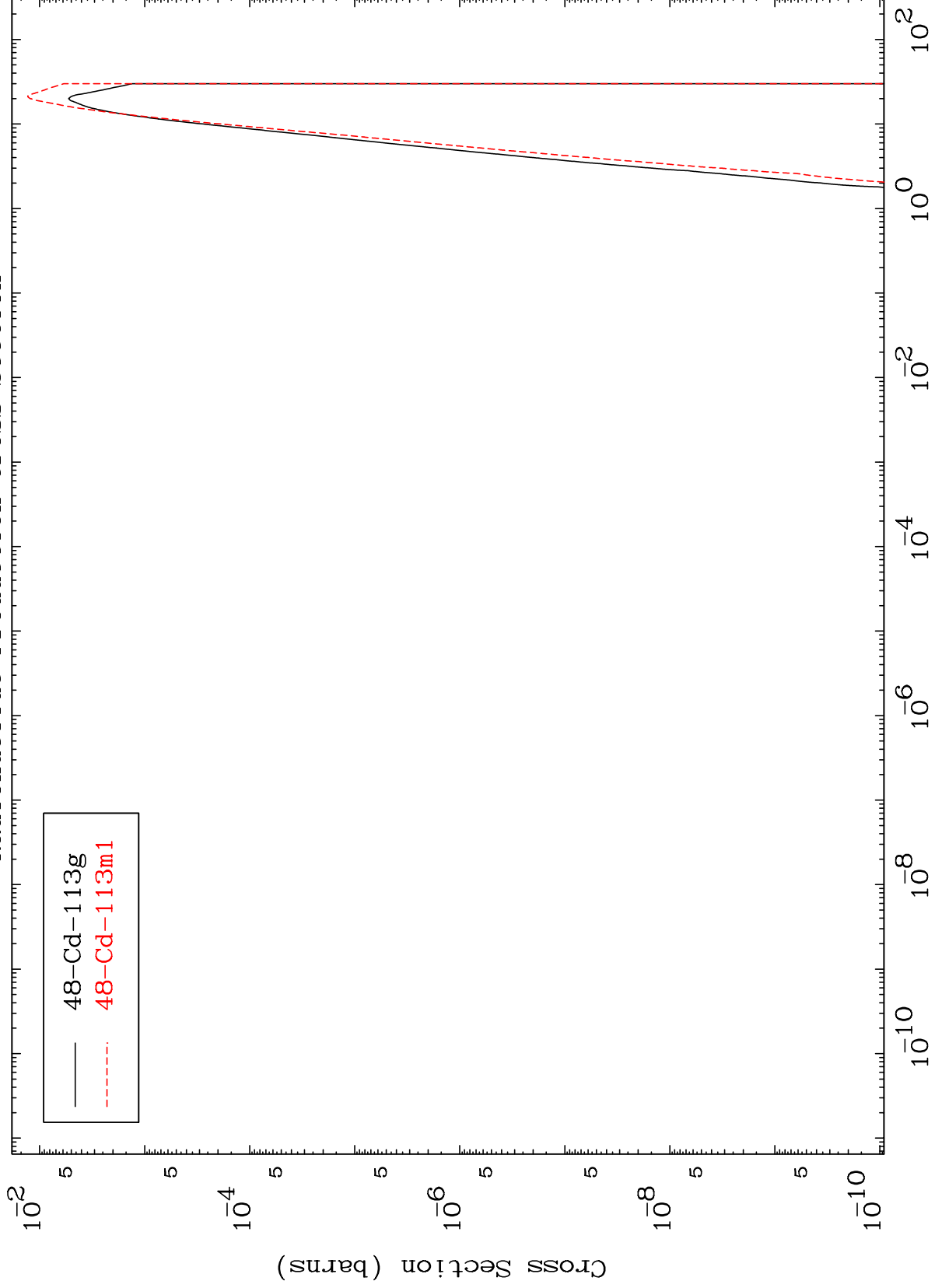
138

MAT 5037

(n, α)

50-Sn-116

Radionuclide Production Cross Section



139

Incident Energy (MeV)

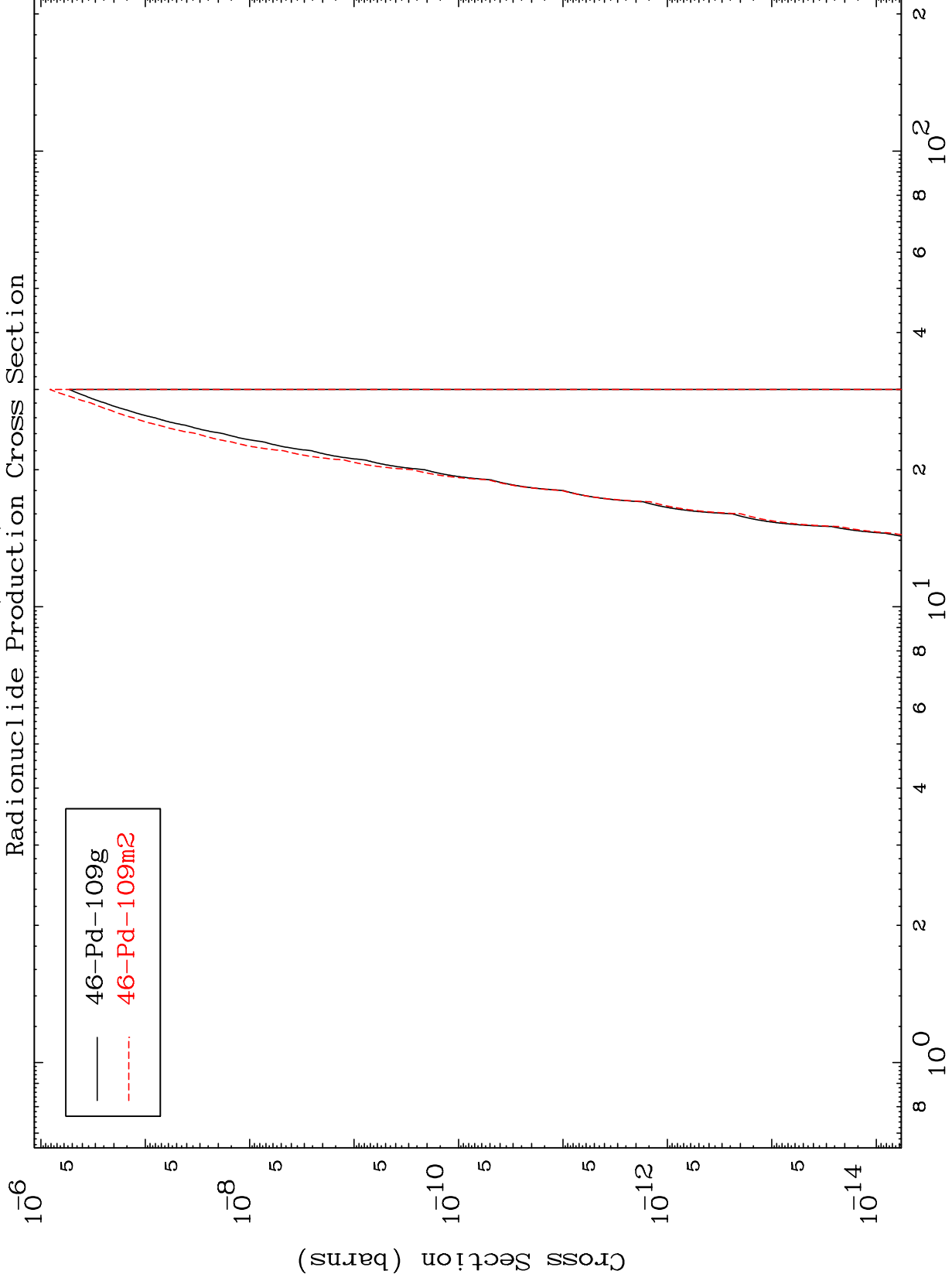
50-Sn-116

MAT 5037

(n,2α)

50-Sn-116

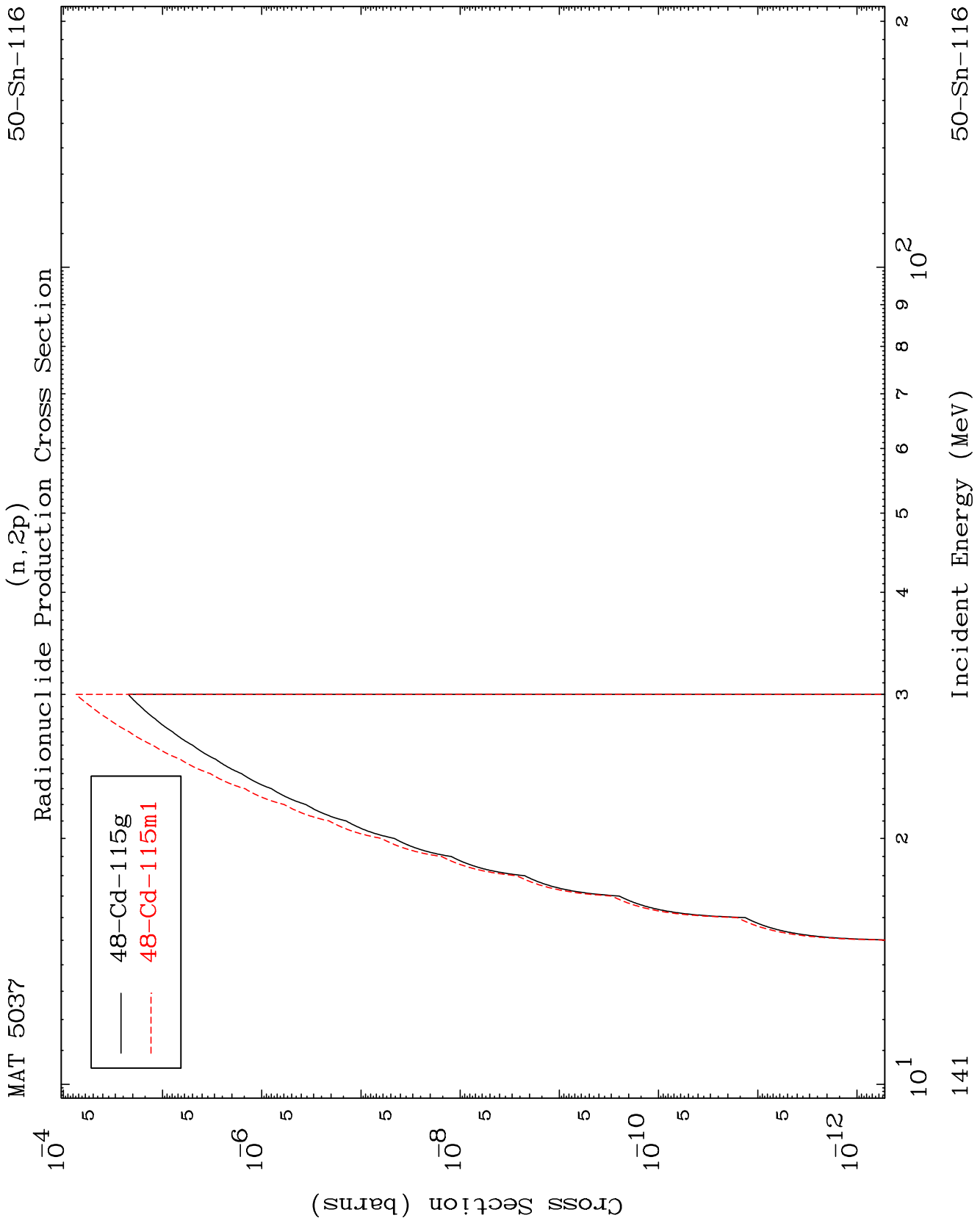
Radionuclide Production Cross Section



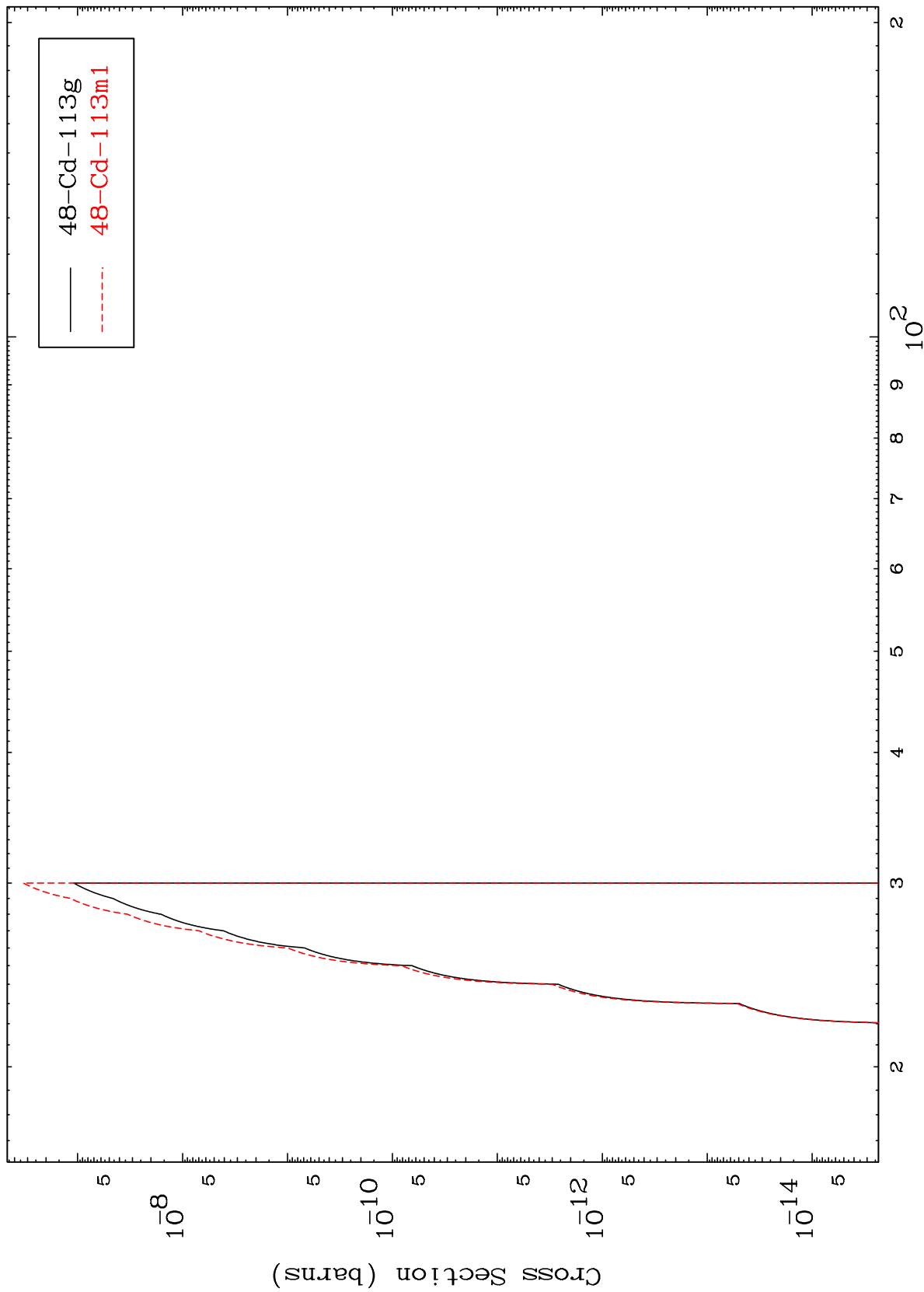
140

Incident Energy (MeV)

50-Sn-116



Radionuclide Production Cross Section

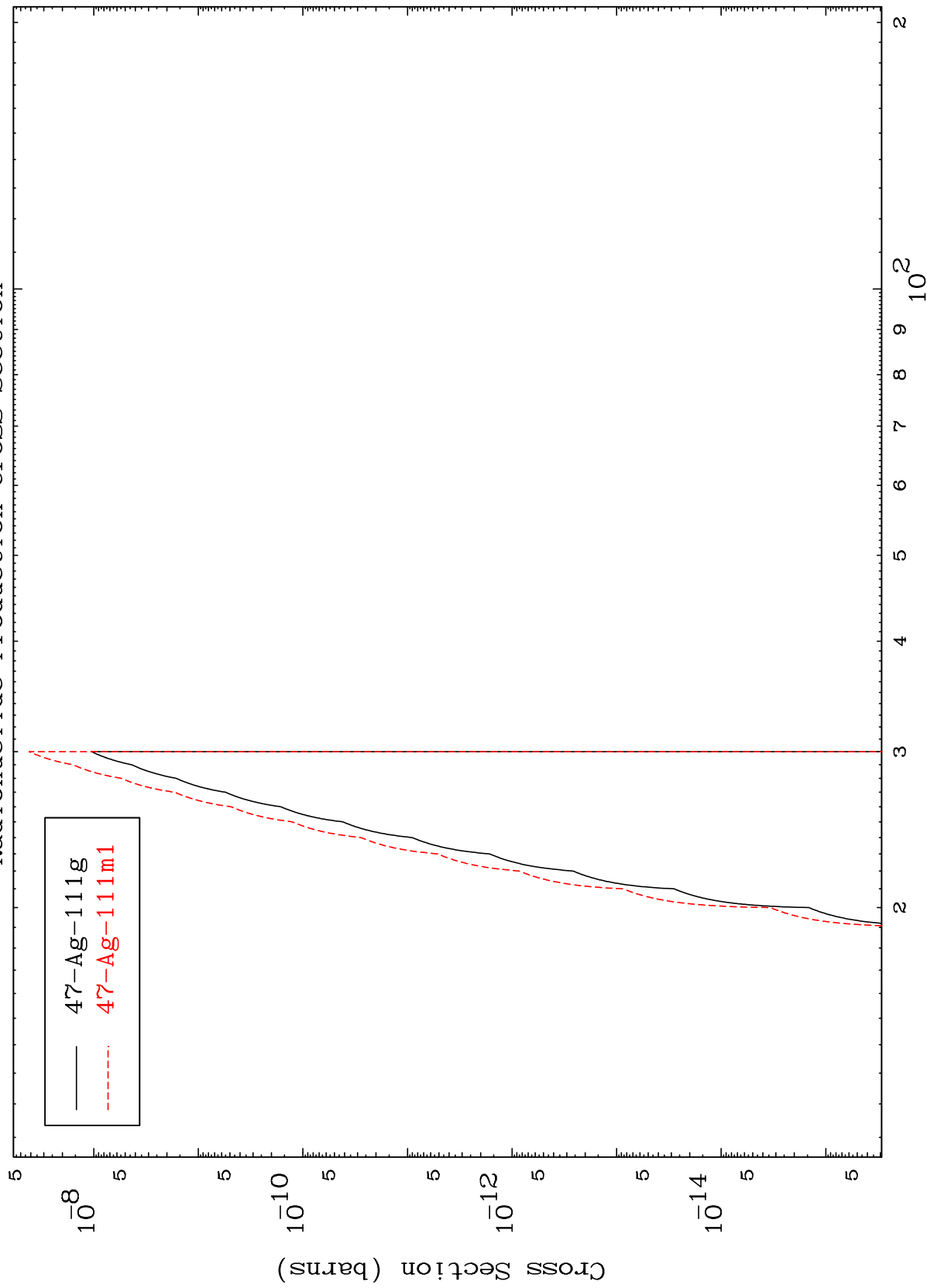


MAT 5037

50-Sn-116

(n,d) α

Radionuclide Production Cross Section



47-Ag-111g
47-Ag-111m1

143

Incident Energy (MeV)

50-Sn-116