

Program EVALPLOT
(Version 2017-1)

by

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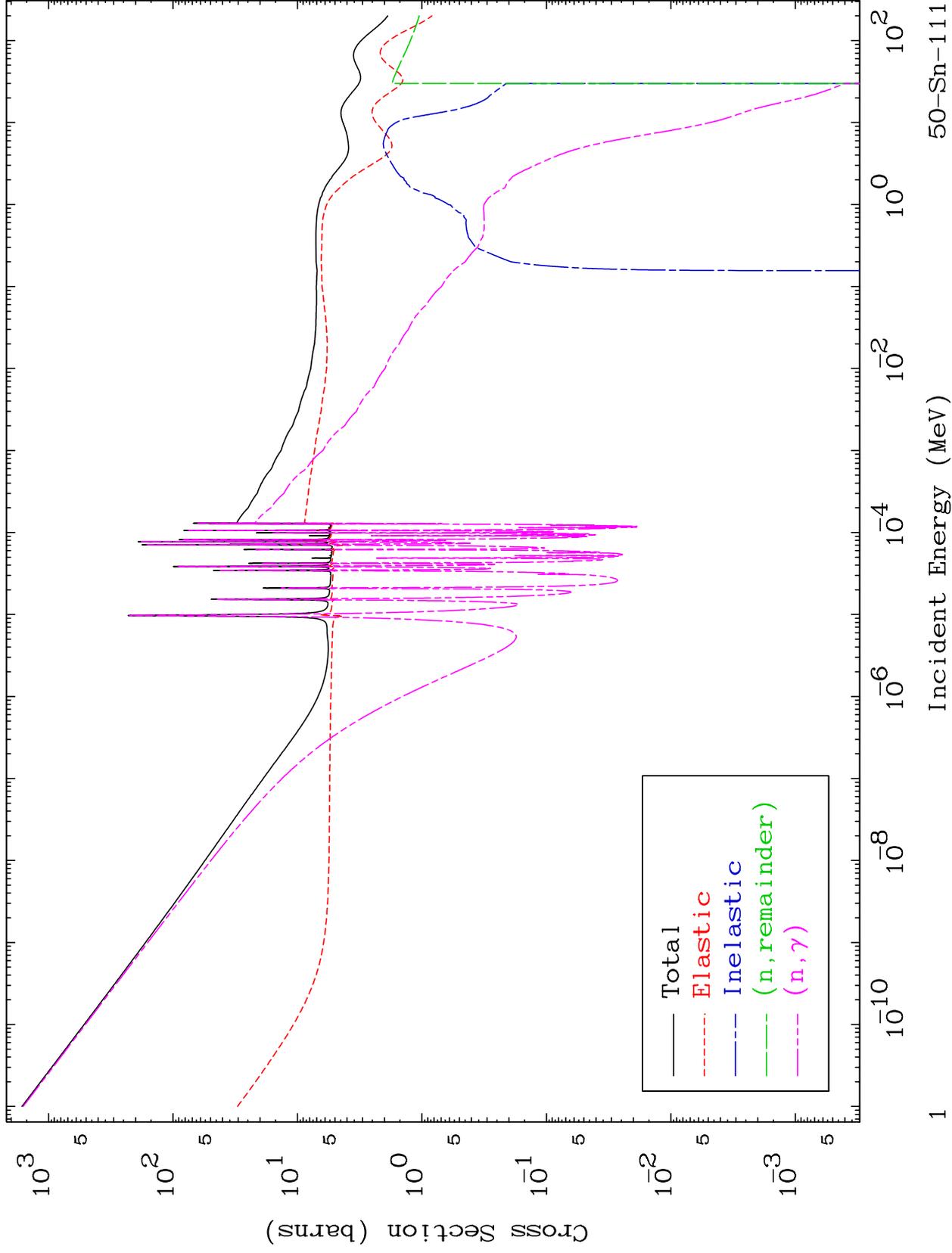
Press Mouse Button to Start

MAT 5022

Major

293 Kelvin Cross Sections

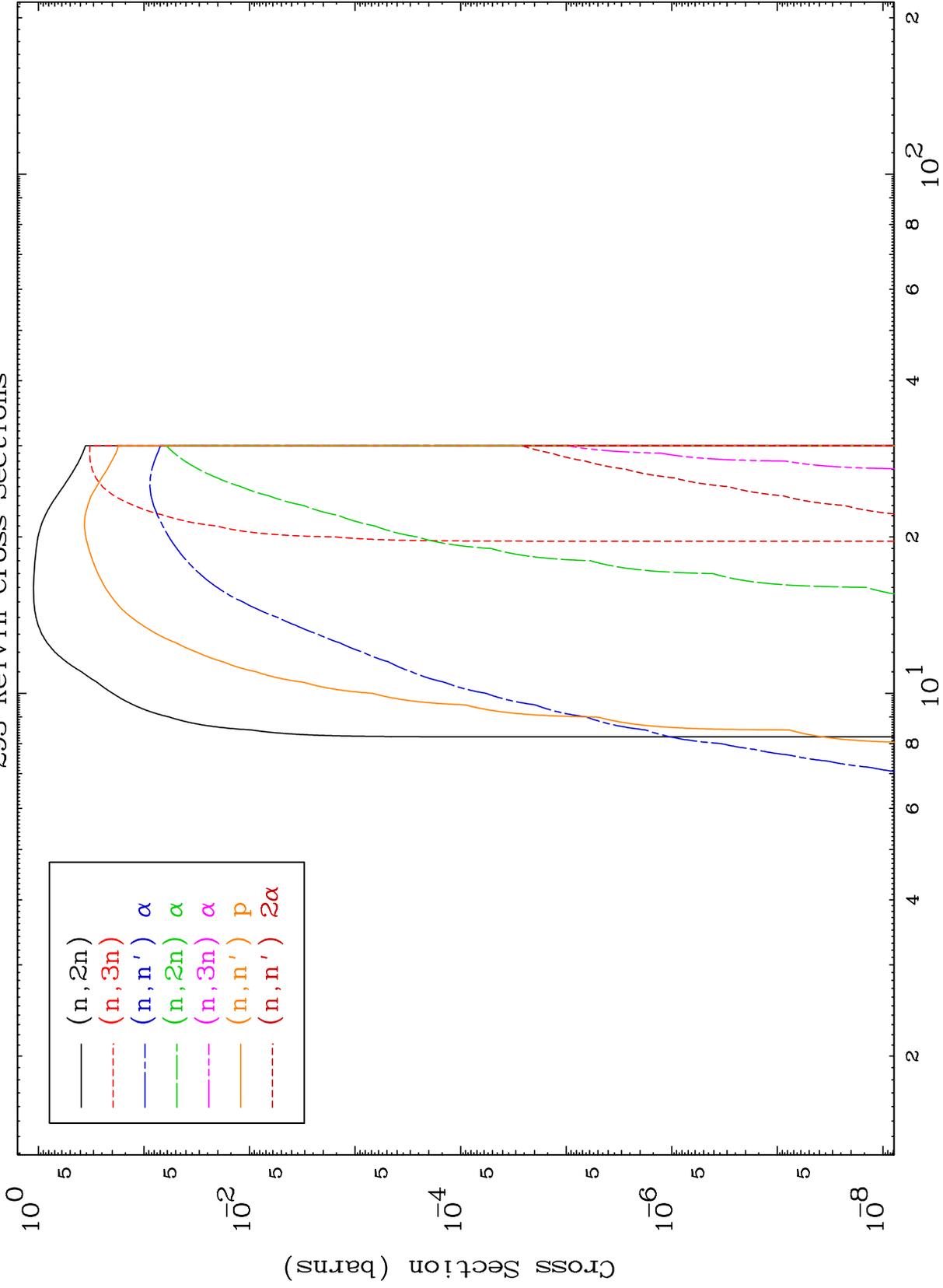
50-Sn-111



MAT 5022

Neutron Production
293 Kelvin Cross Sections

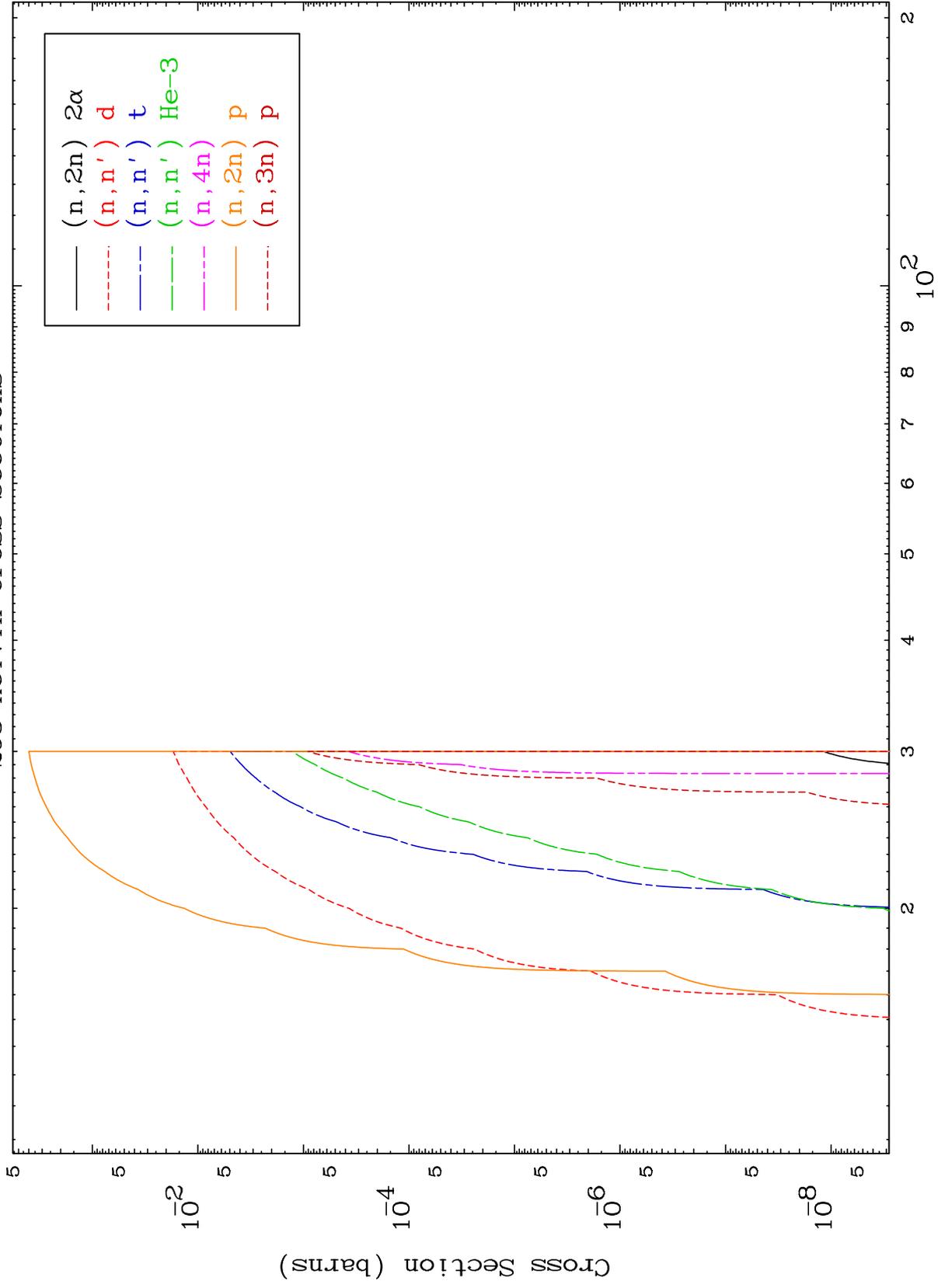
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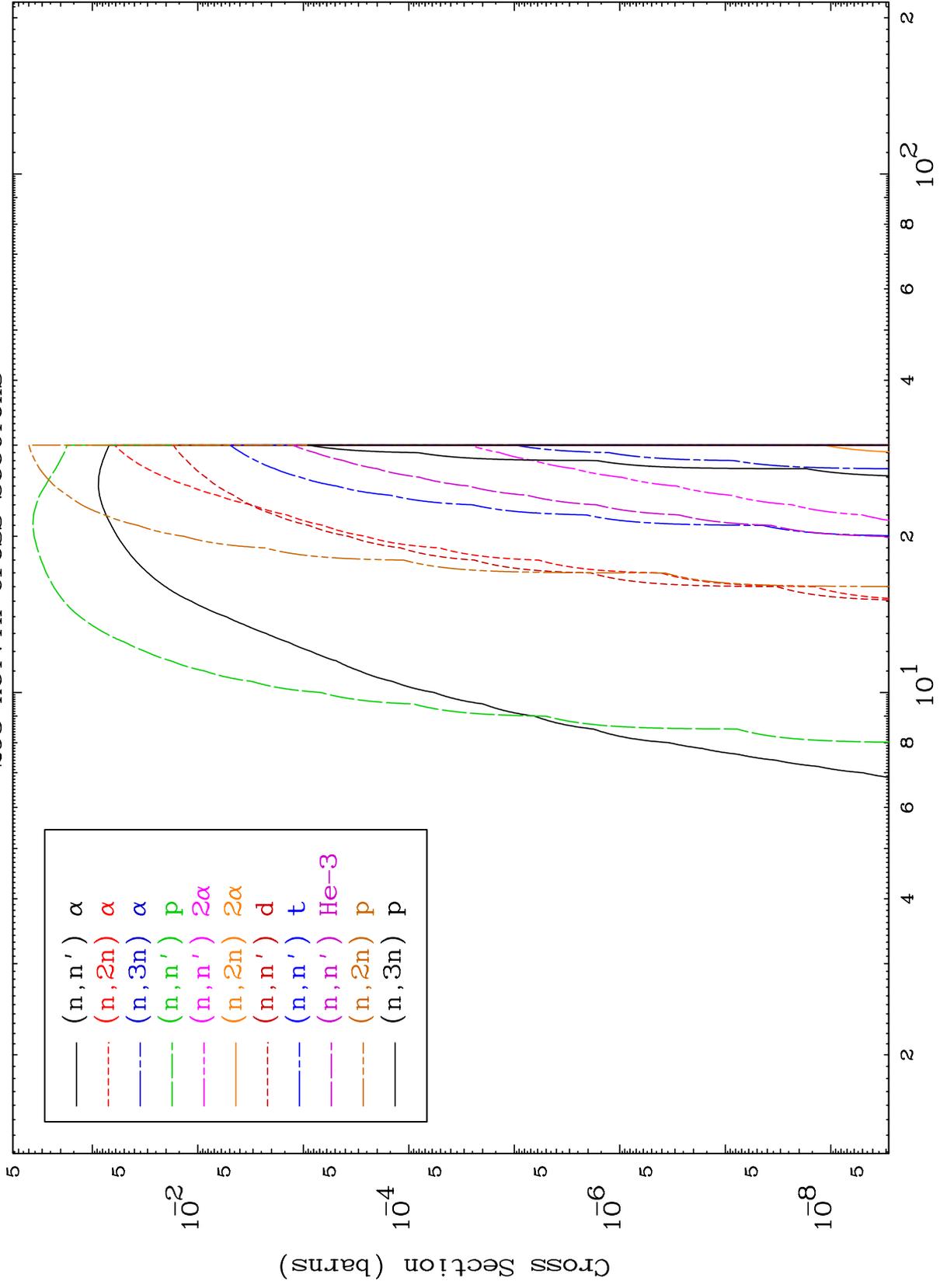


2

Incident Energy (MeV)

50-Sn-111

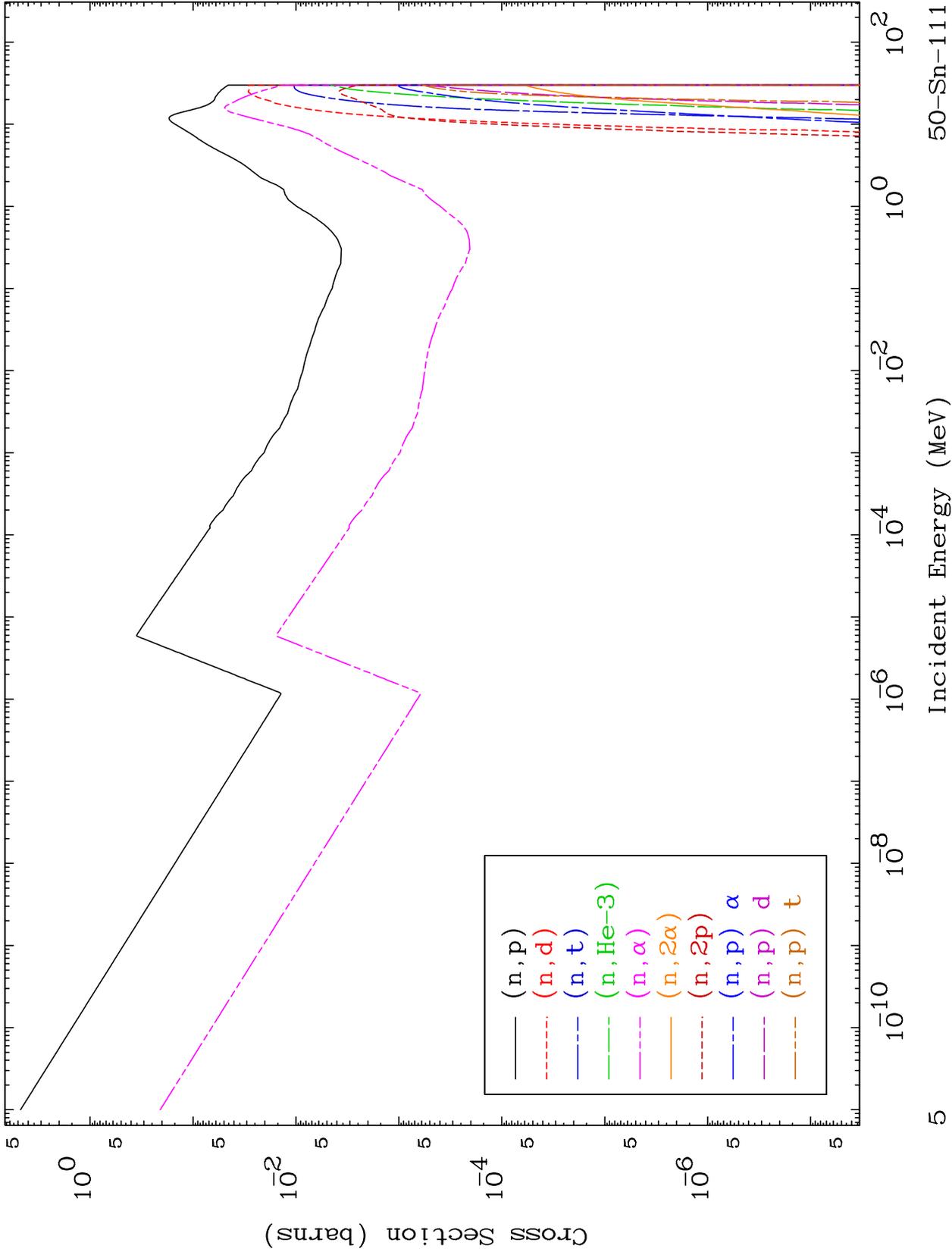




MAT 5022

Charged Particle
293 Kelvin Cross Sections

50-Sn-111

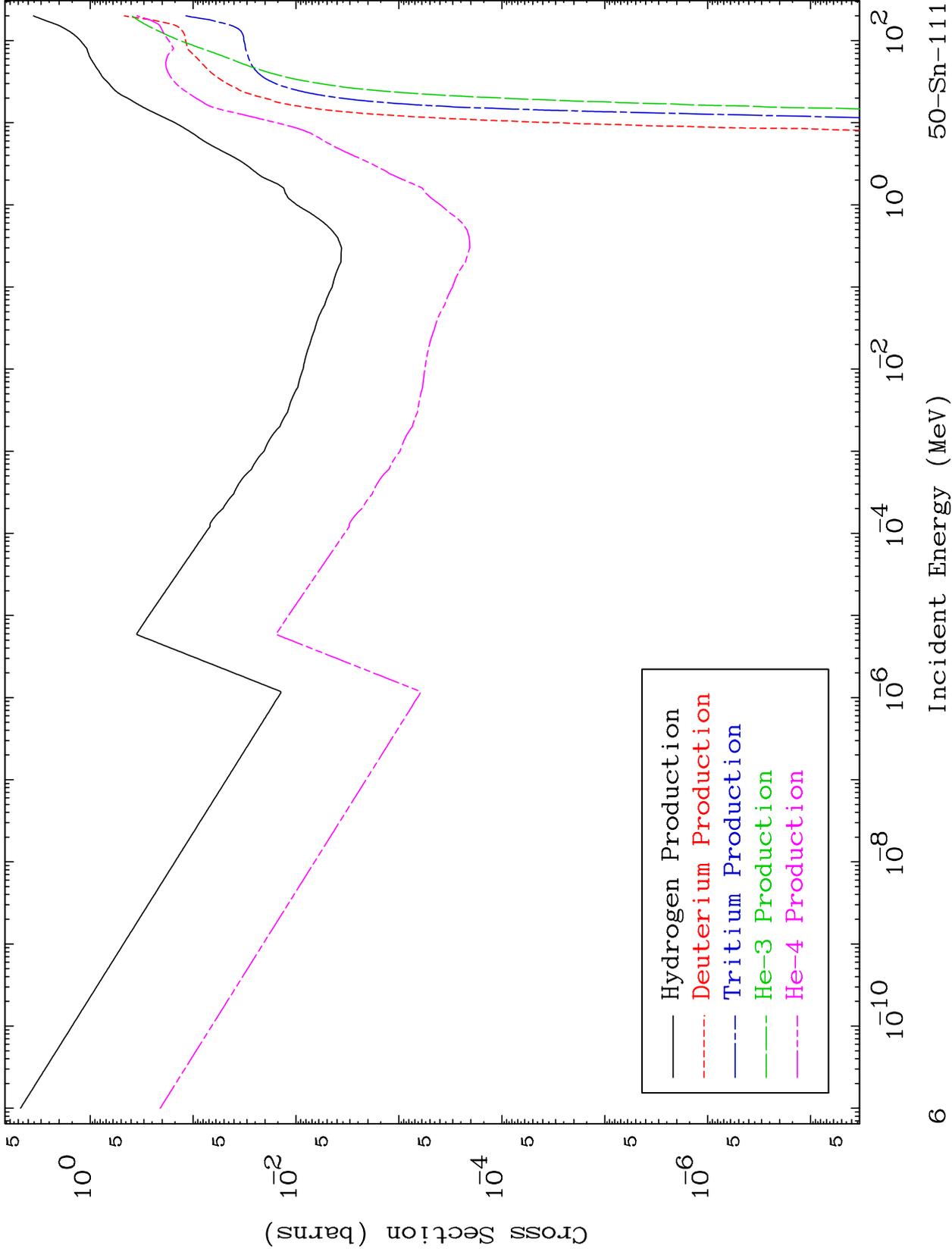


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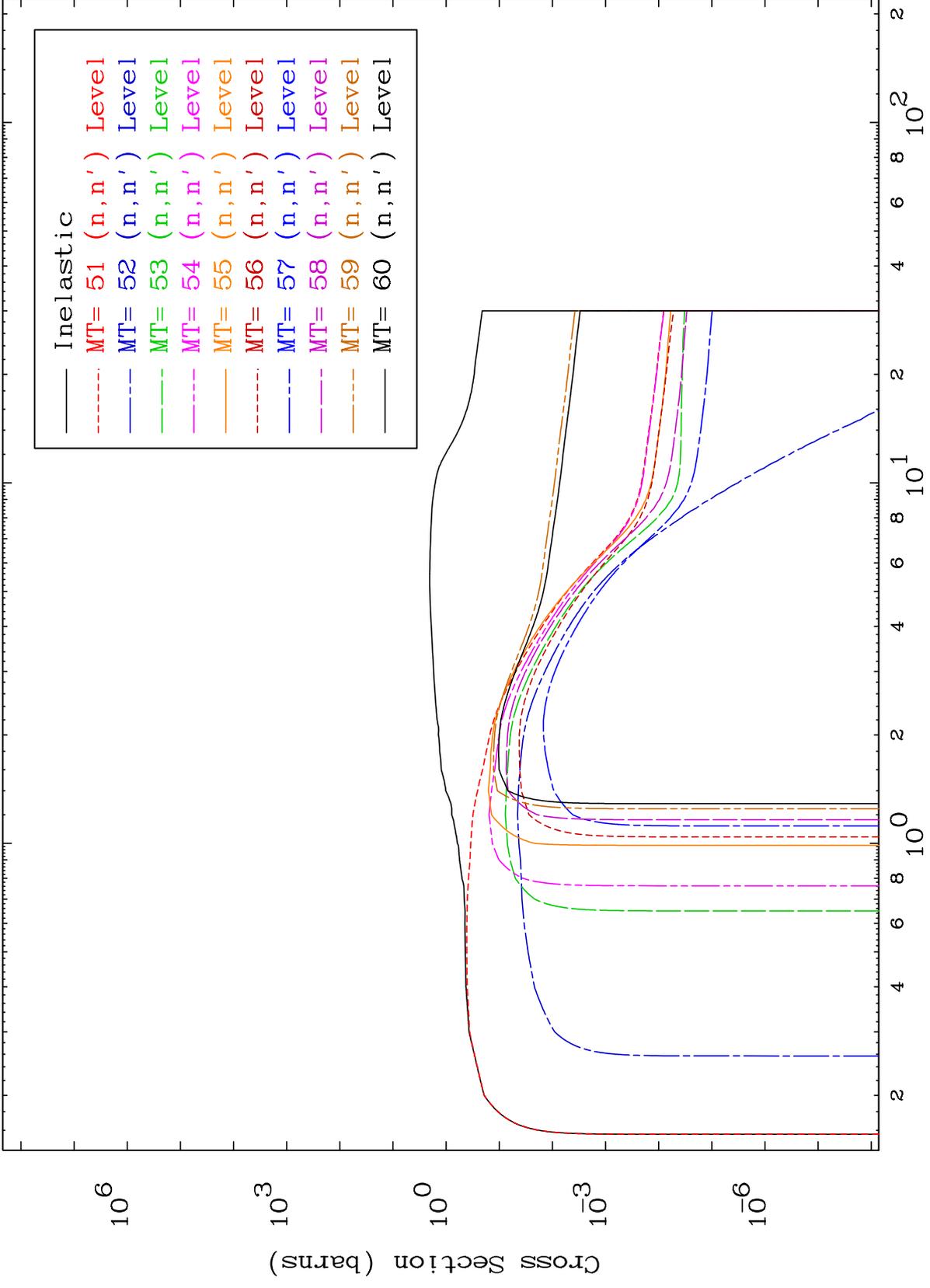
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Particle Production
293 Kelvin Cross Sections

50-Sn-111



293 Kelvin Cross Sections

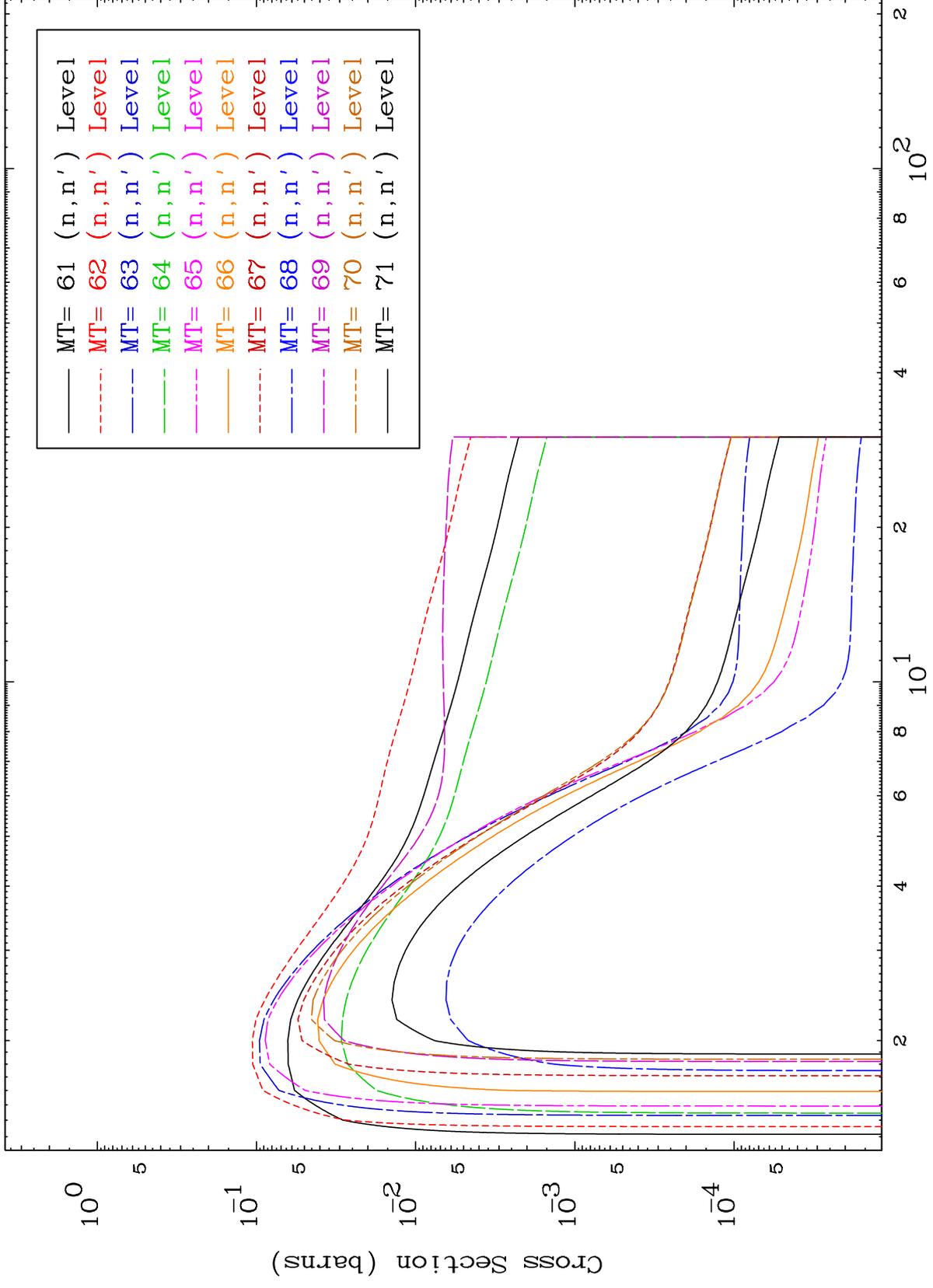


MAT 5022

(n,n') Level

50-Sn-111

293 Kelvin Cross Sections



8

Incident Energy (MeV)

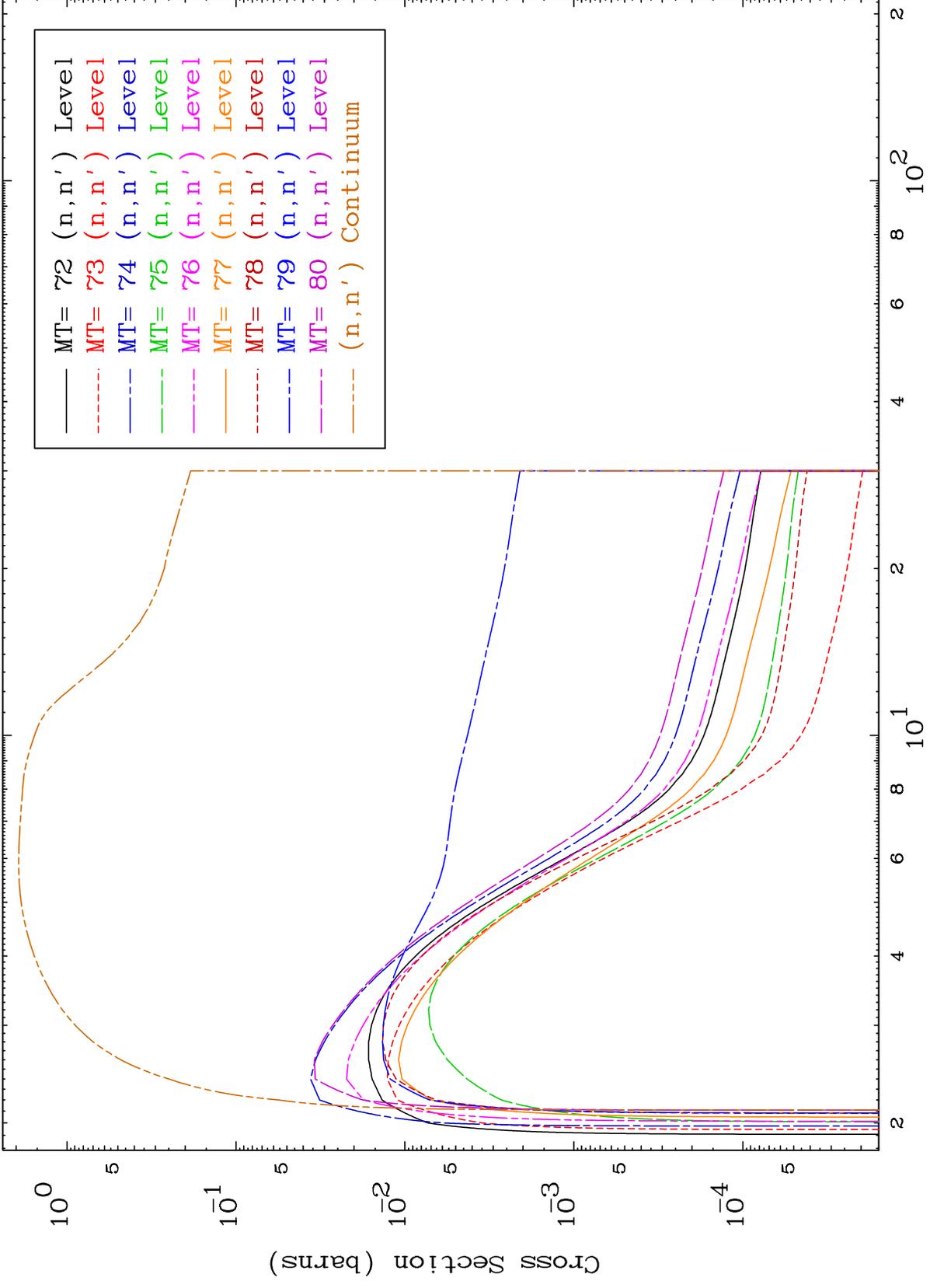
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MAT 5022

(n,n') Level

50-Sn-111

293 Kelvin Cross Sections



9

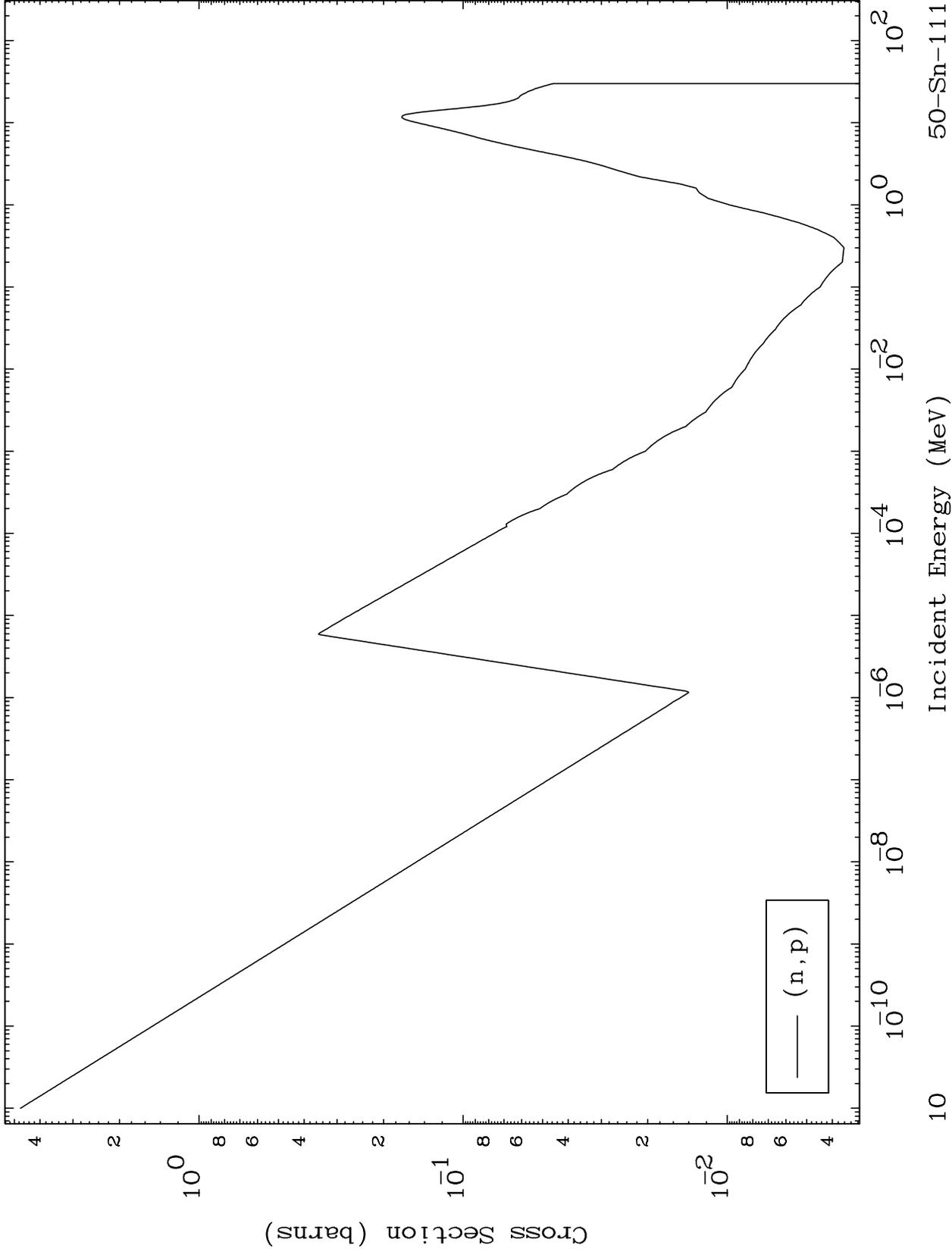
Incident Energy (MeV)

50-Sn-111

MAT 5022

(n,p) Levels
293 Kelvin Cross Sections

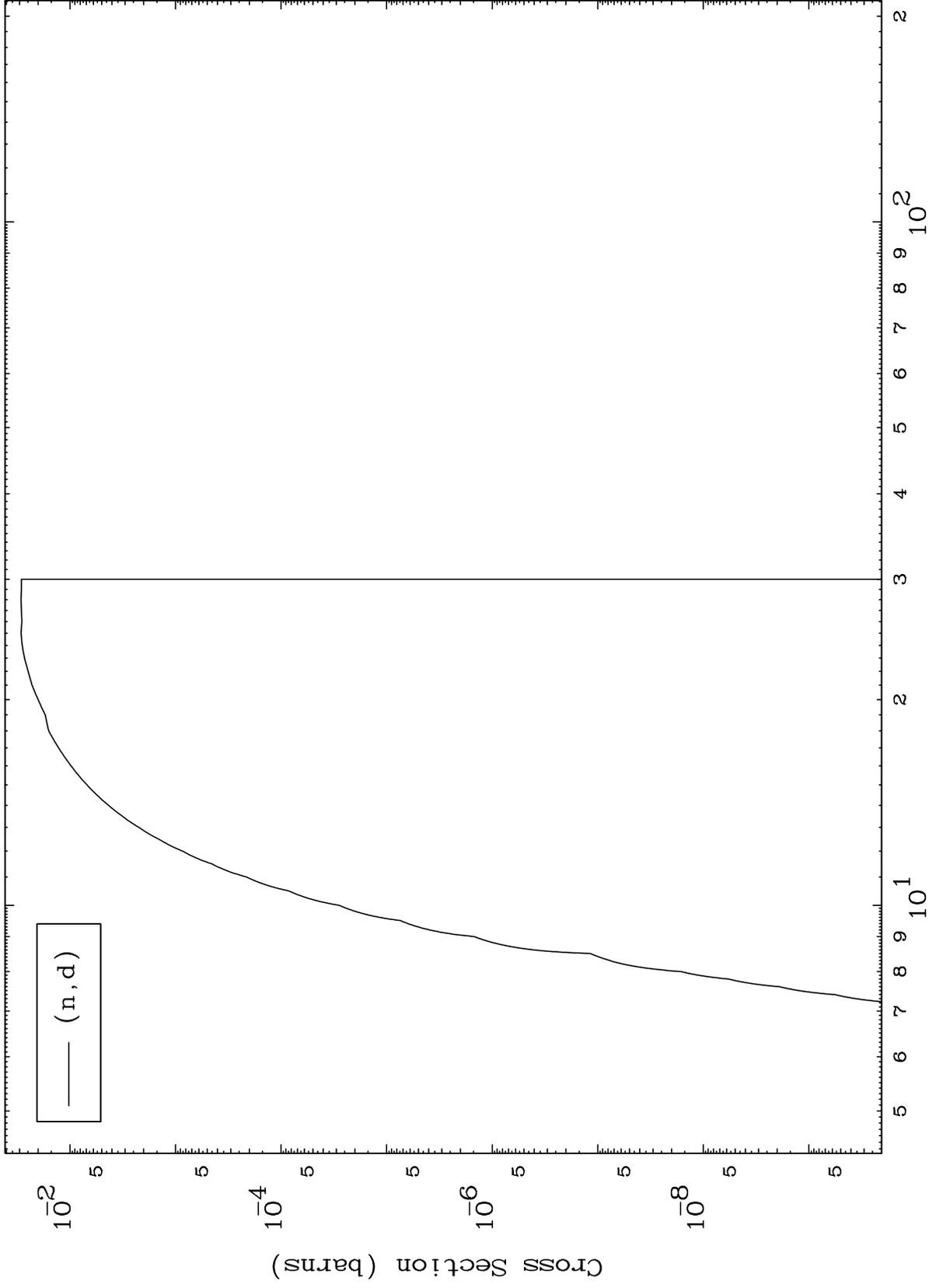
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MAT 5022

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-111



11

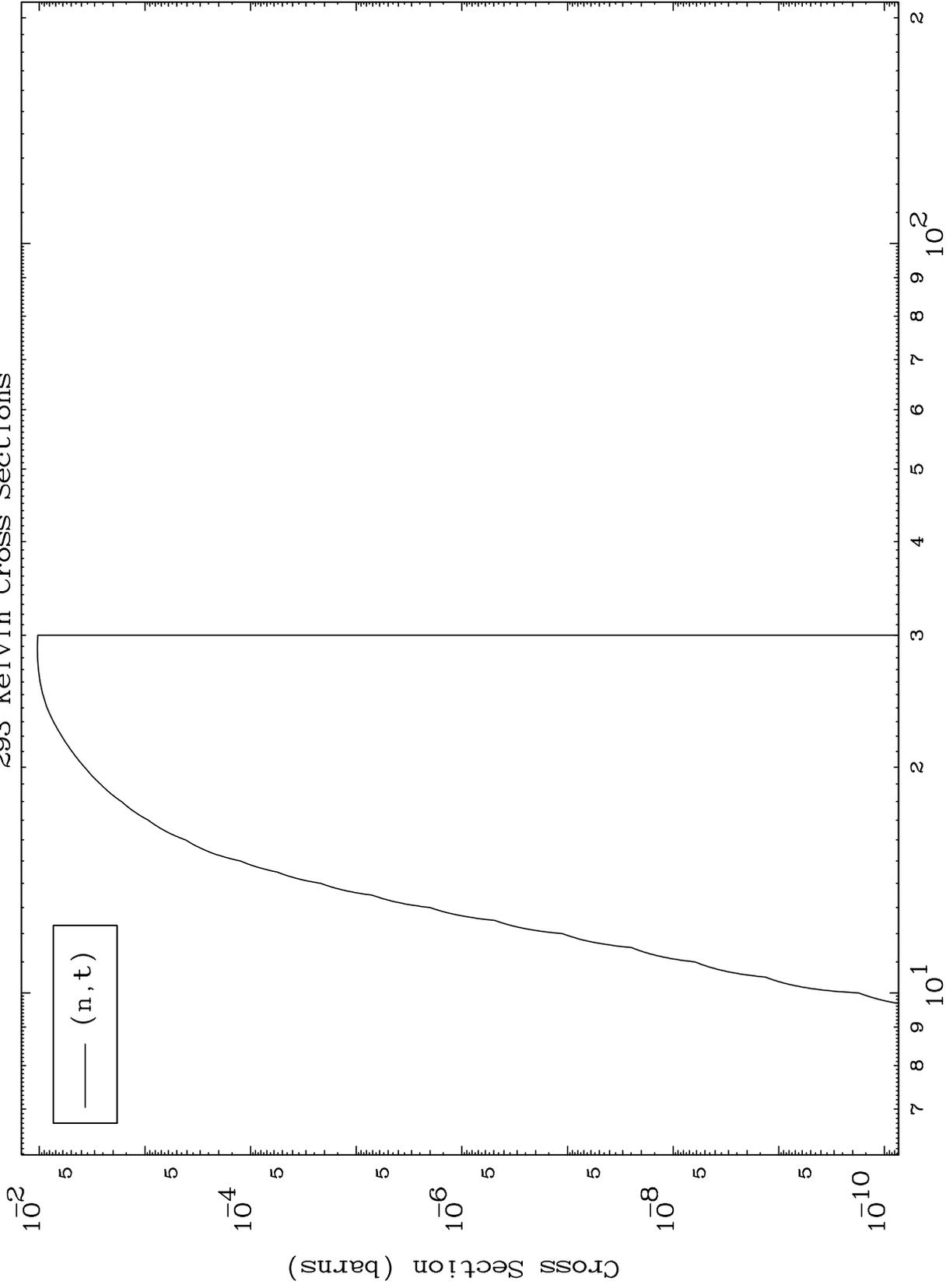
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MAT 5022

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-111



12

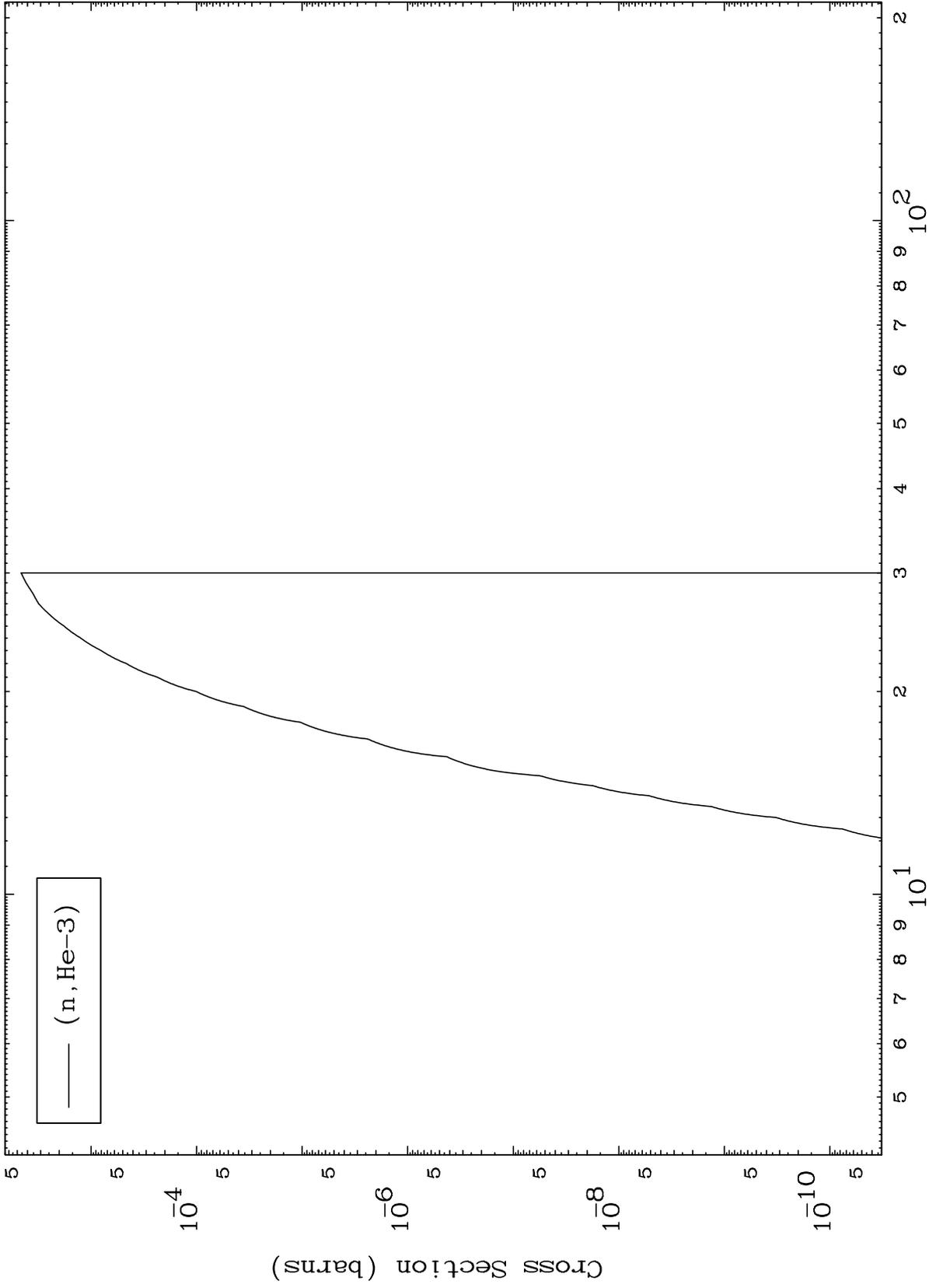
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50-Sn-111

MAT 5022

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-111



13

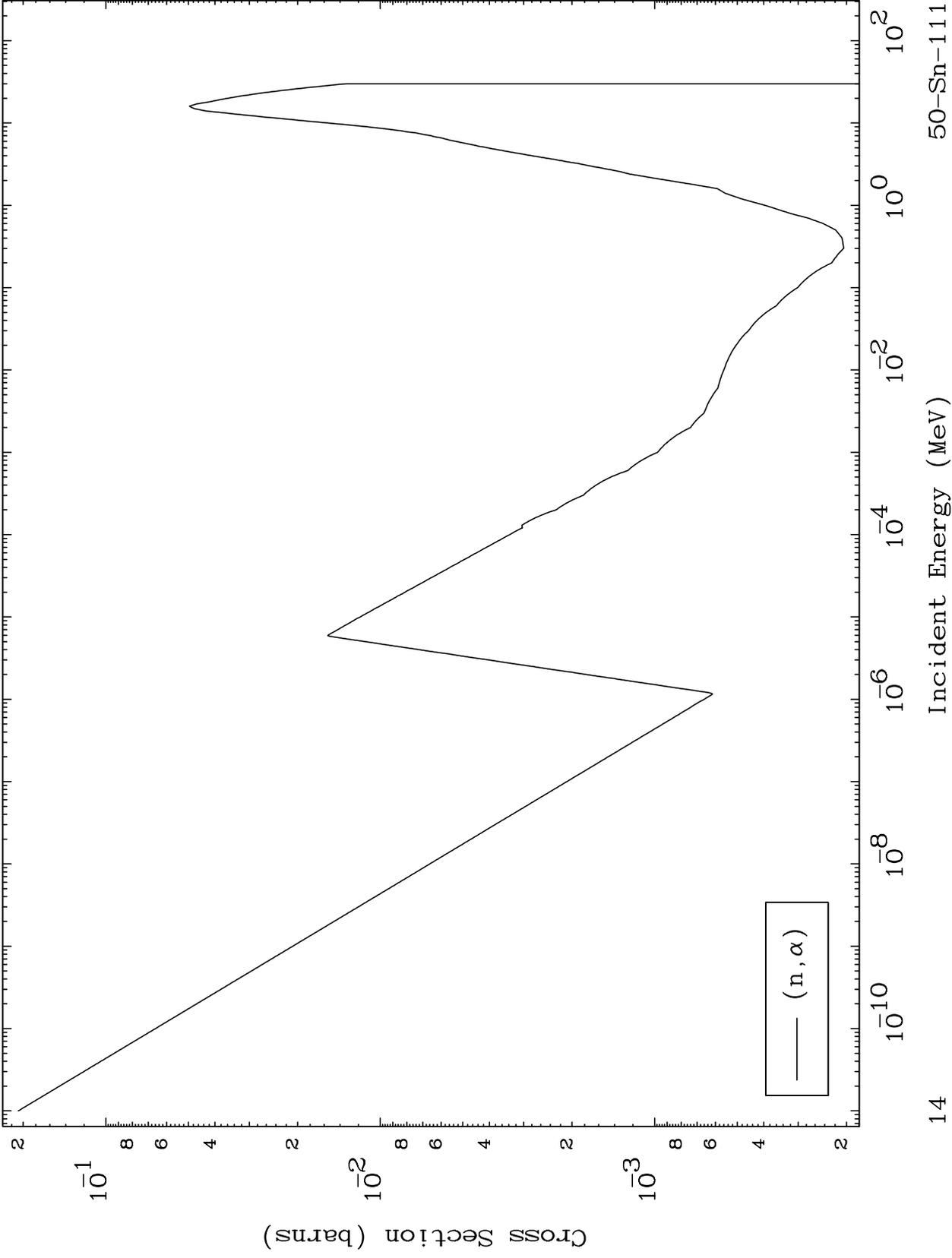
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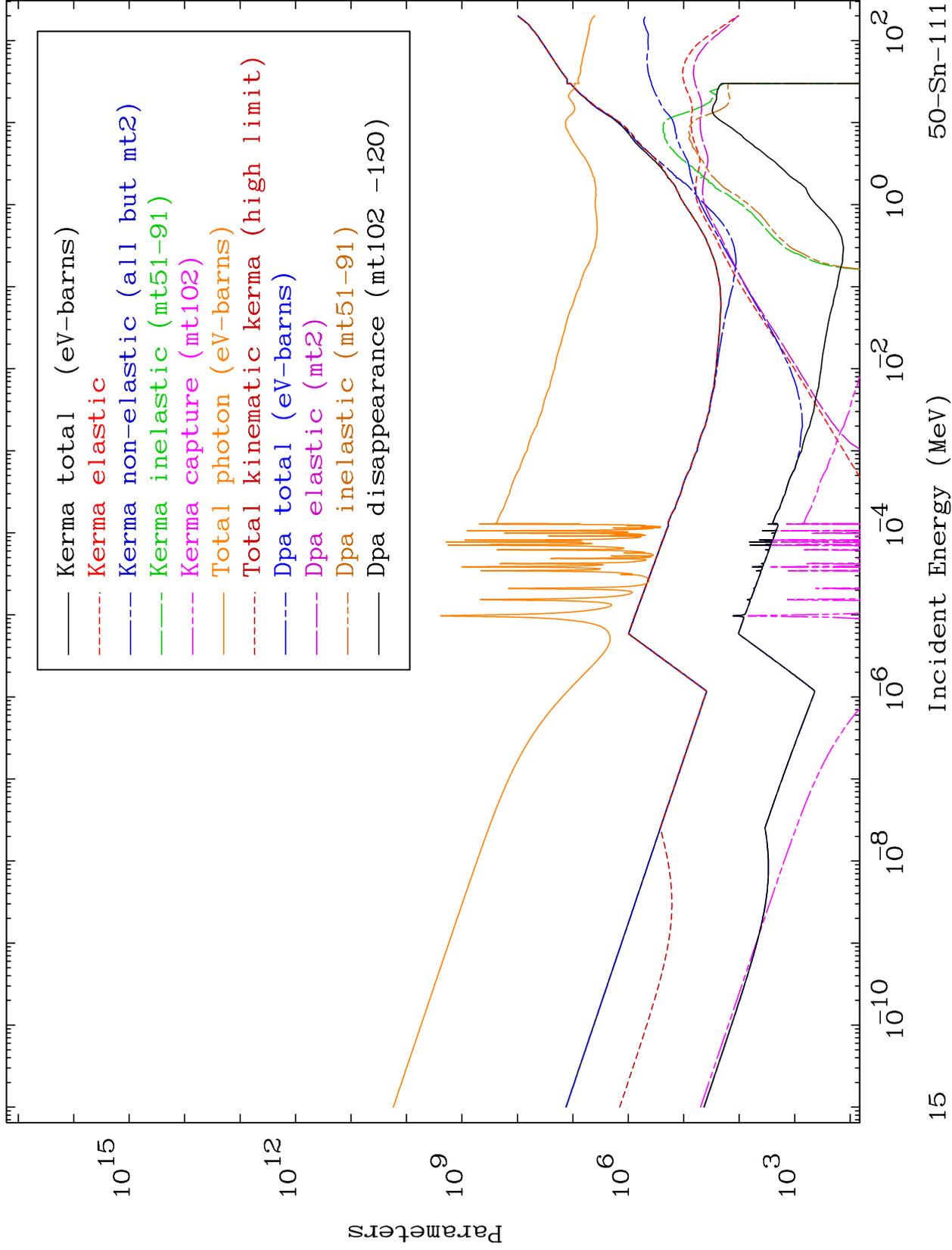
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(n,α) Levels
293 Kelvin Cross Sections

50-Sn-111

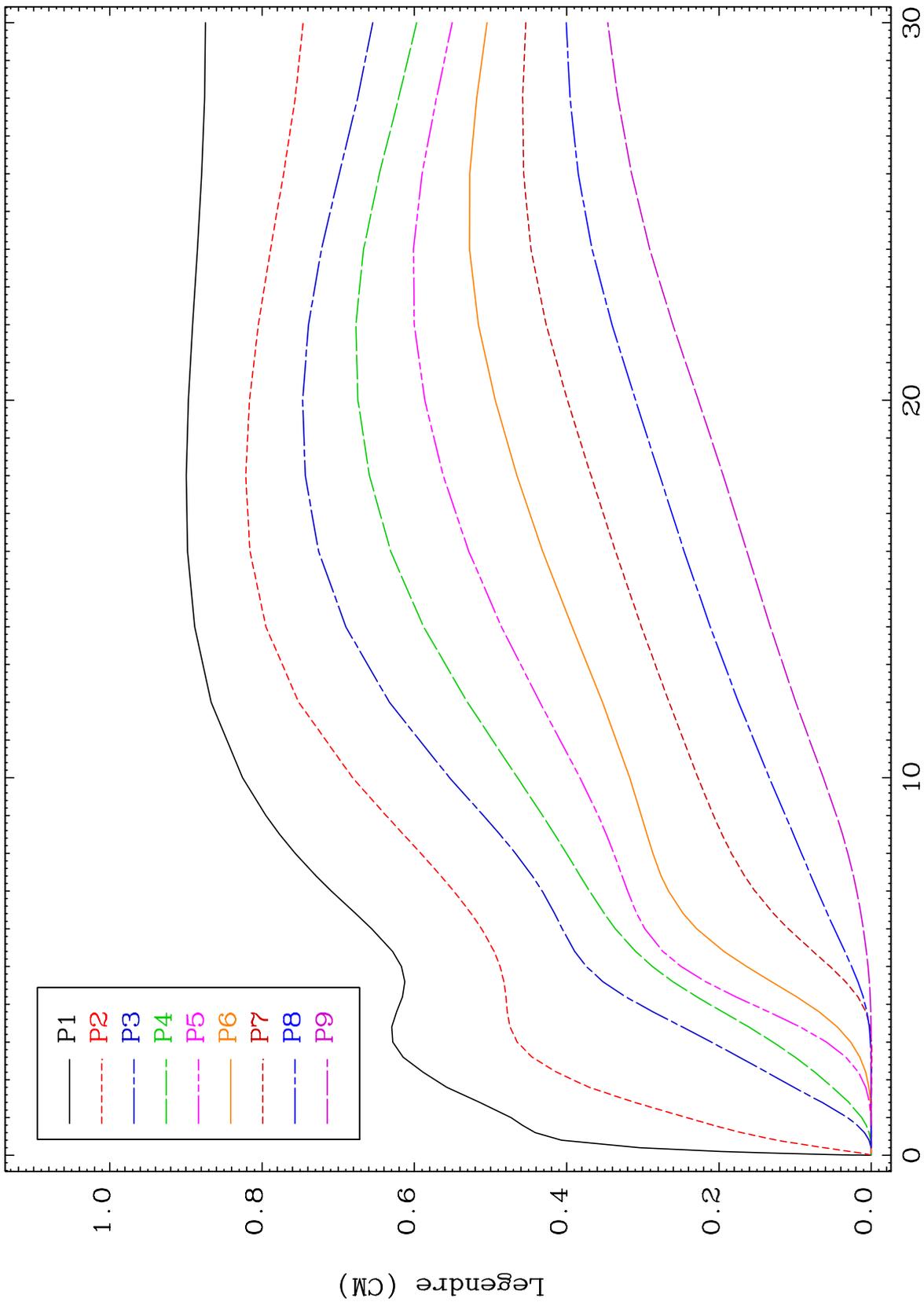




MAT 5022

Elastic Legendre Coefficients

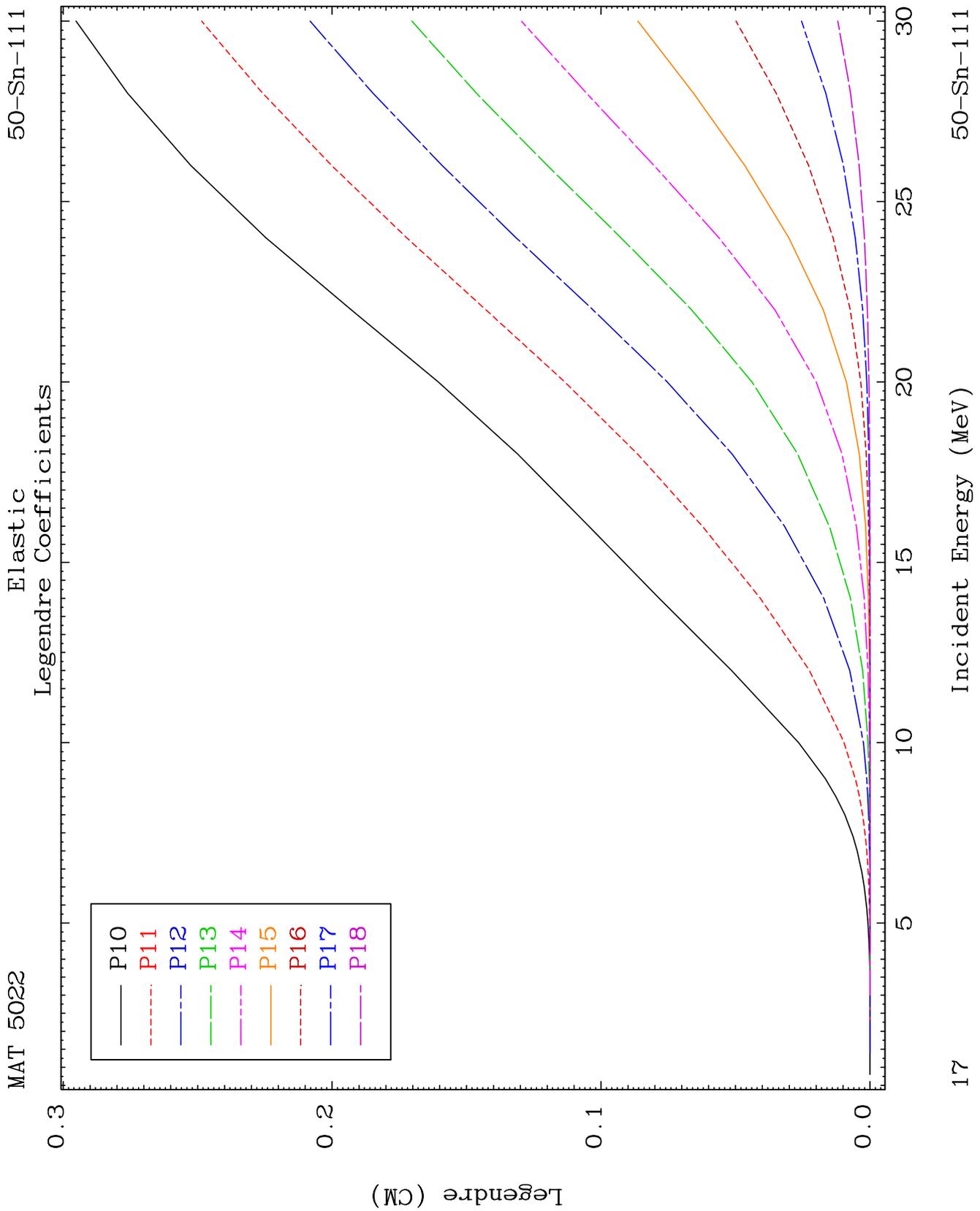
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Incident Energy (MeV)

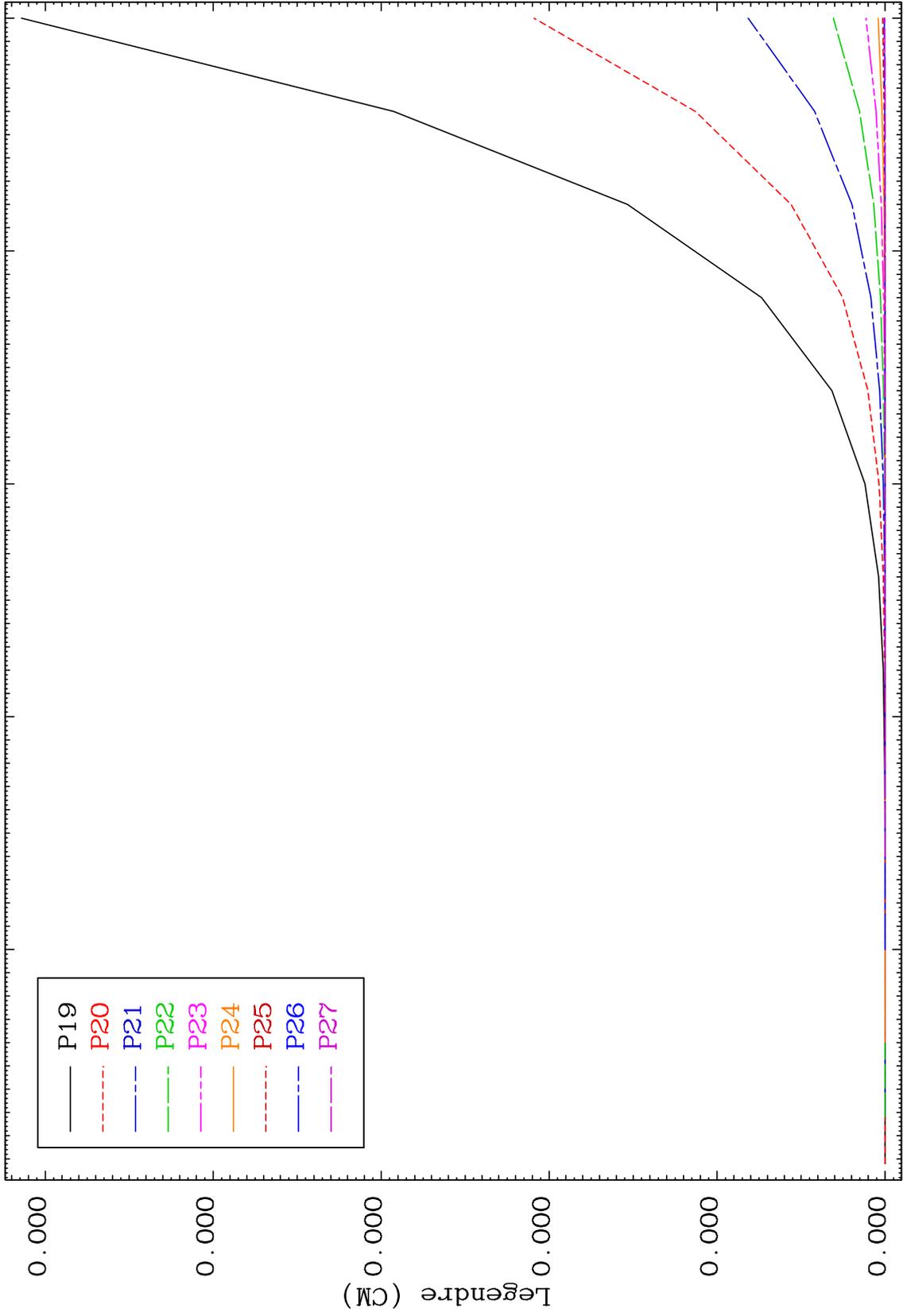
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MAT 5022

Elastic Legendre Coefficients

50-Sn-111



18

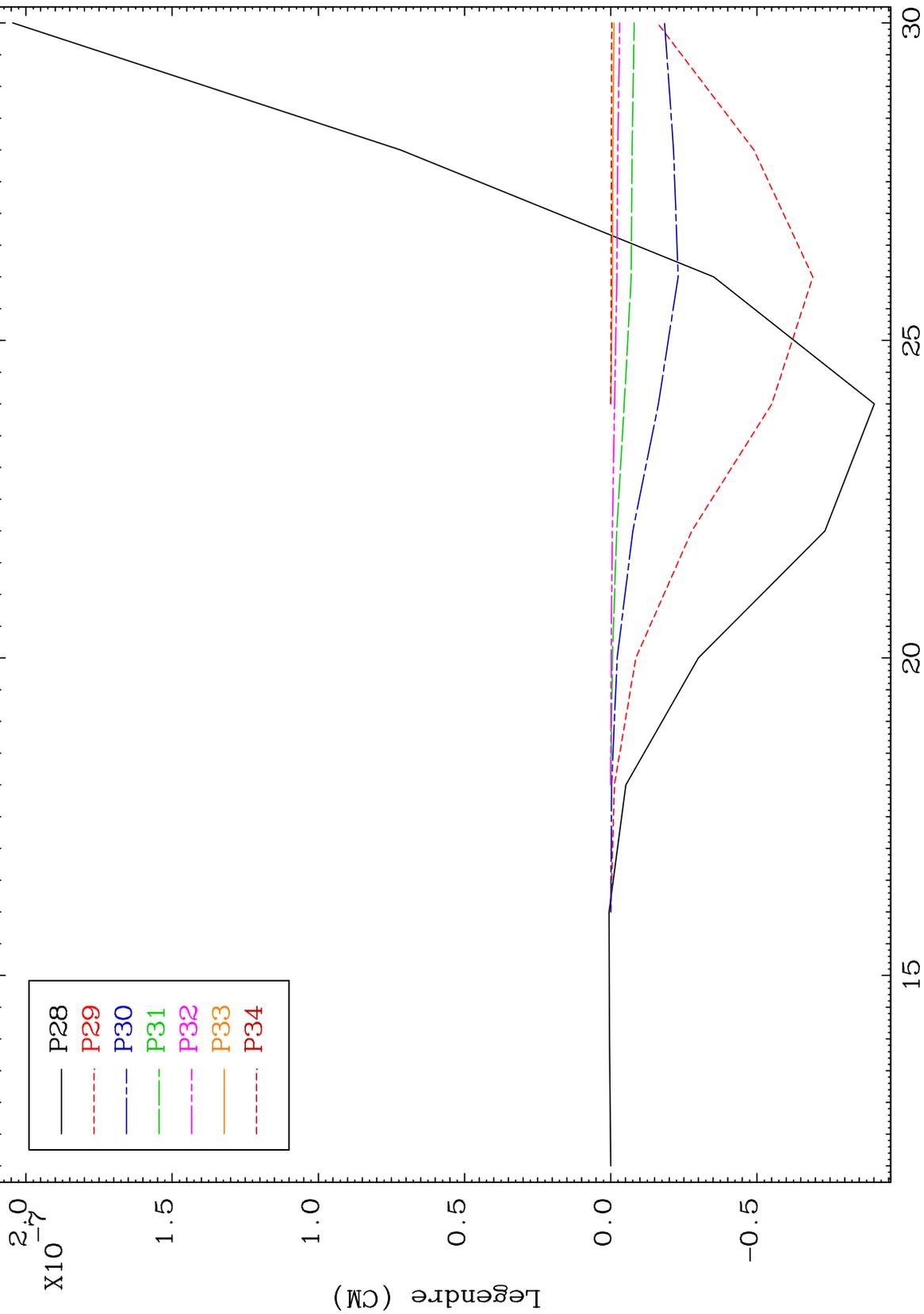
Incident Energy (MeV)

50-Sn-111

MAT 5022

Elastic Legendre Coefficients

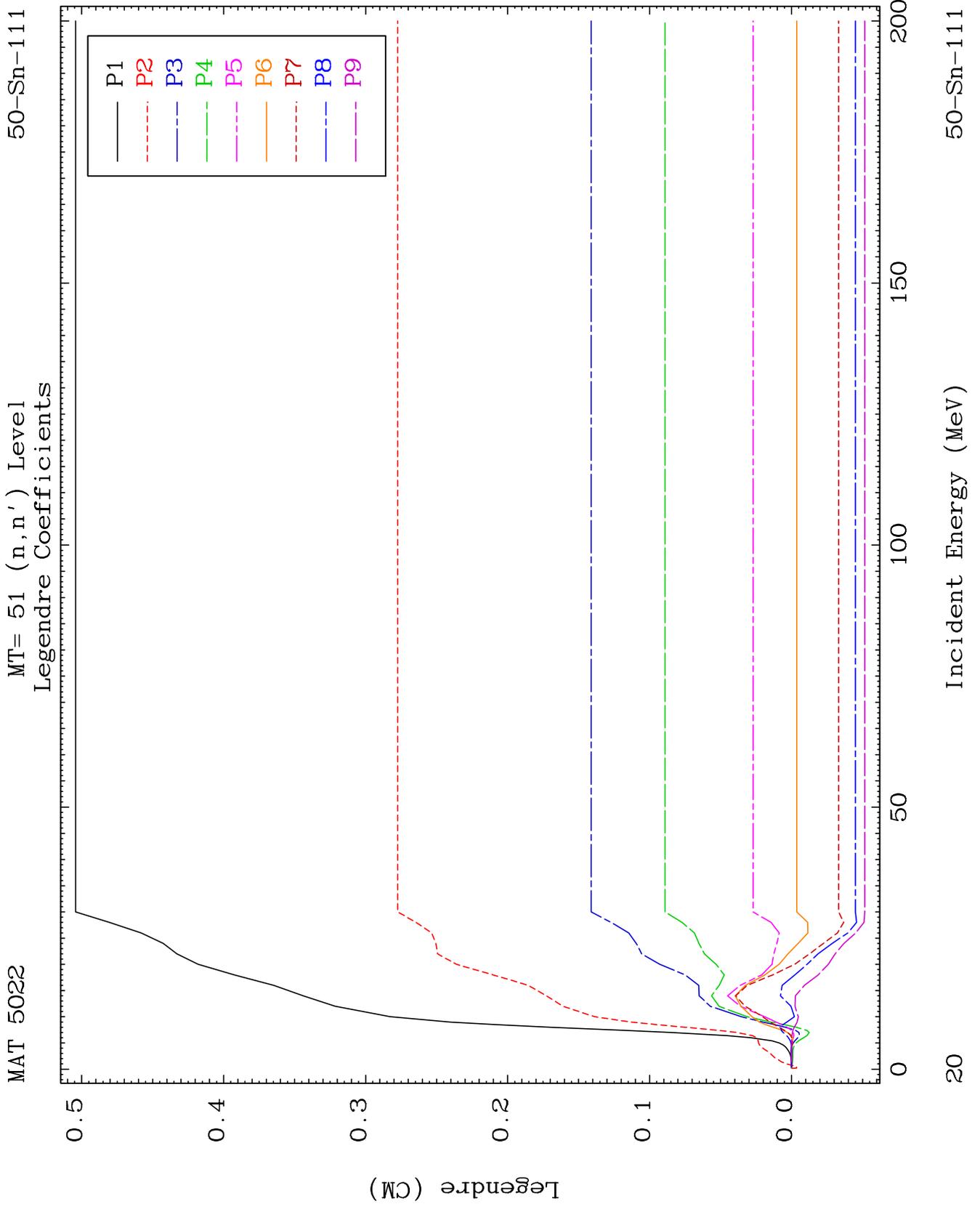
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19

Incident Energy (MeV)

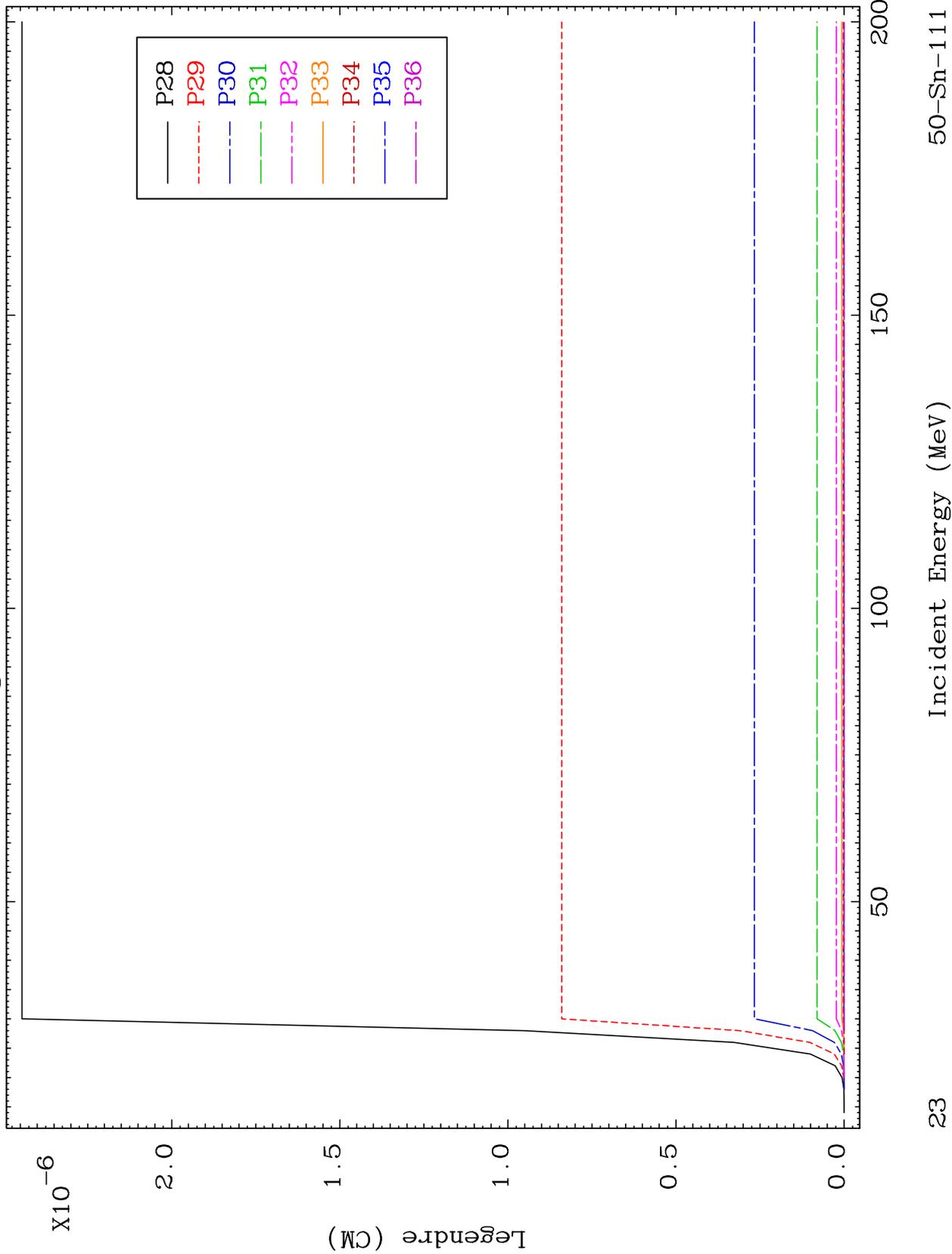
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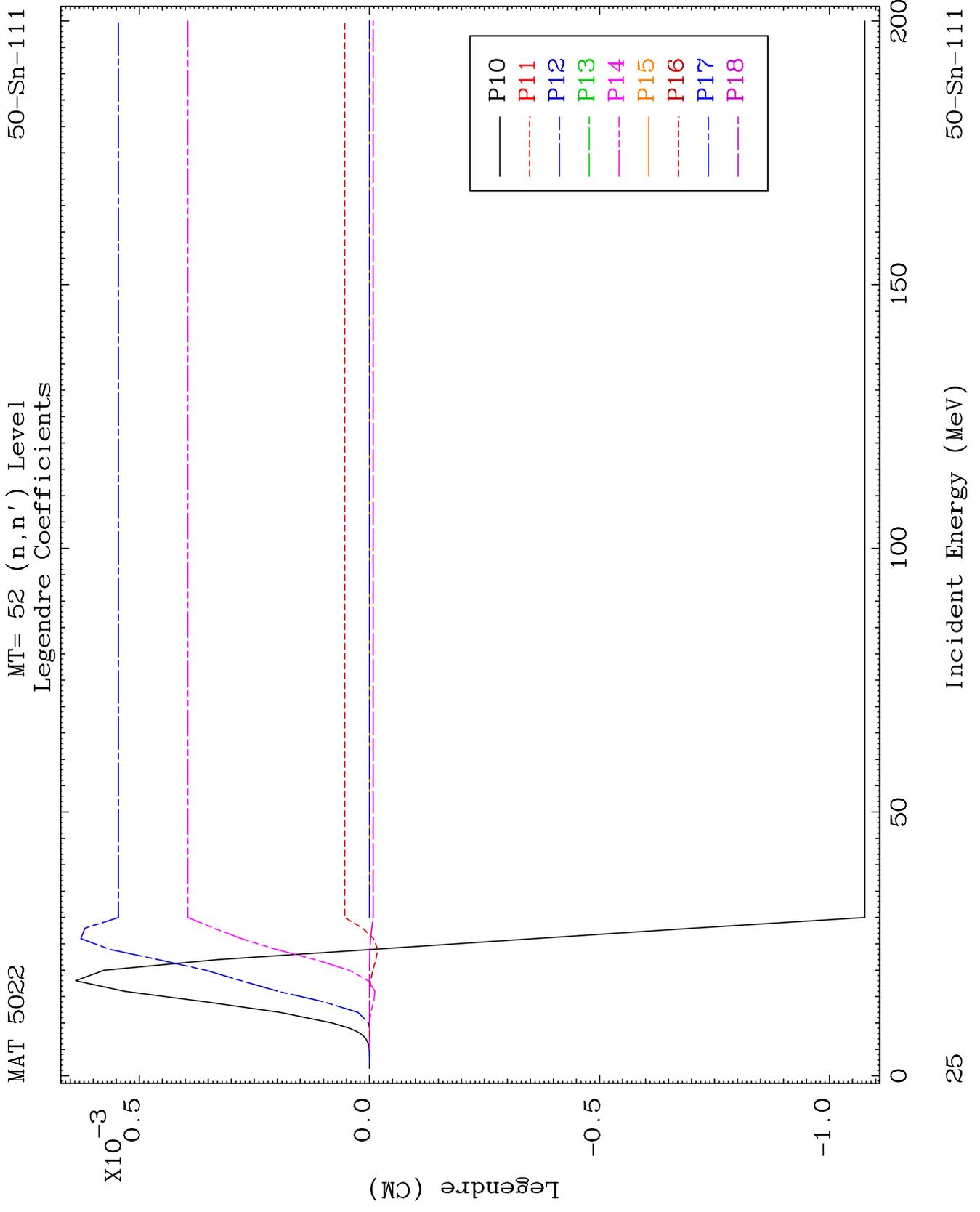
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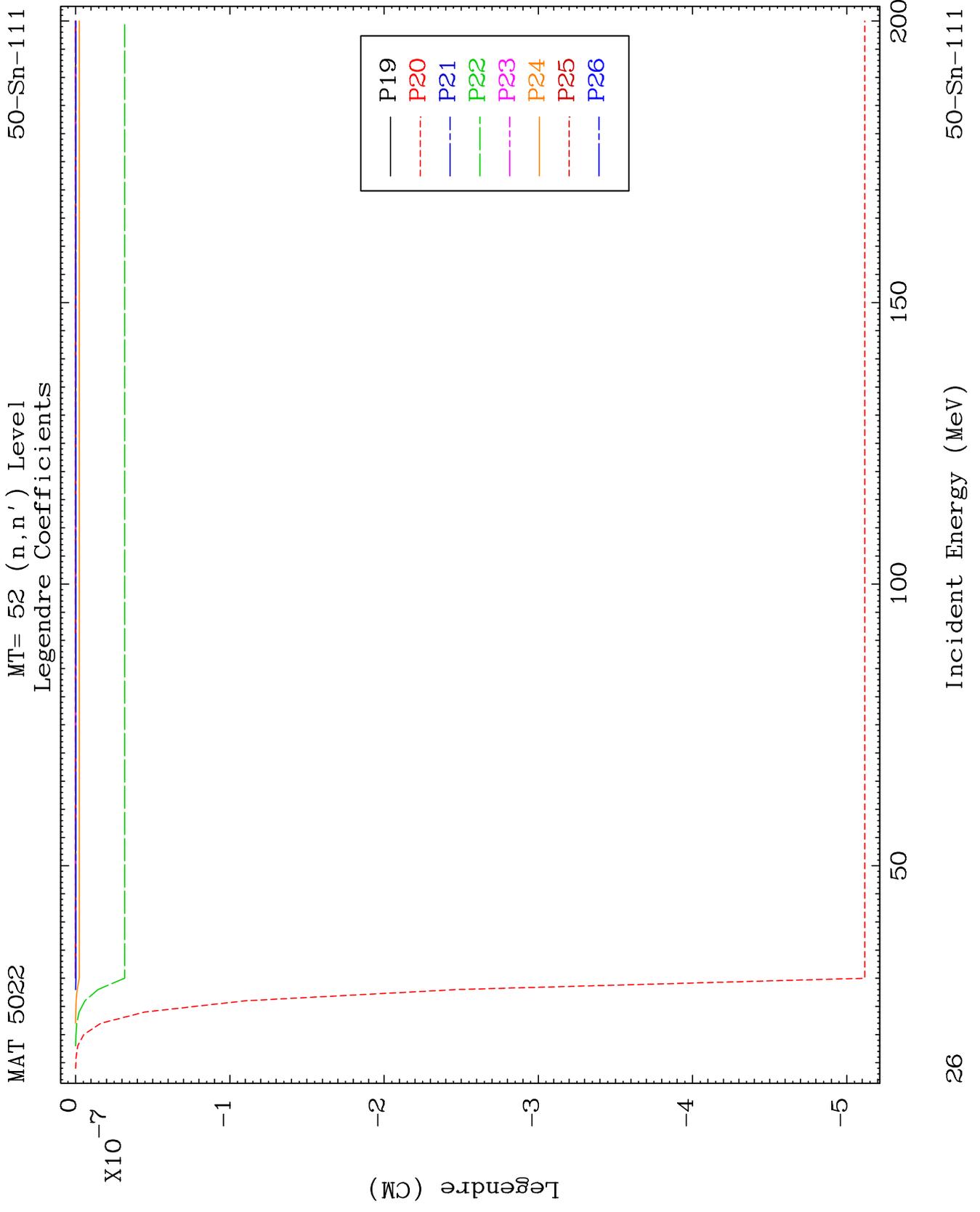
MT= 51 (n,n') Level
Legendre Coefficients

50-Sn-111



23

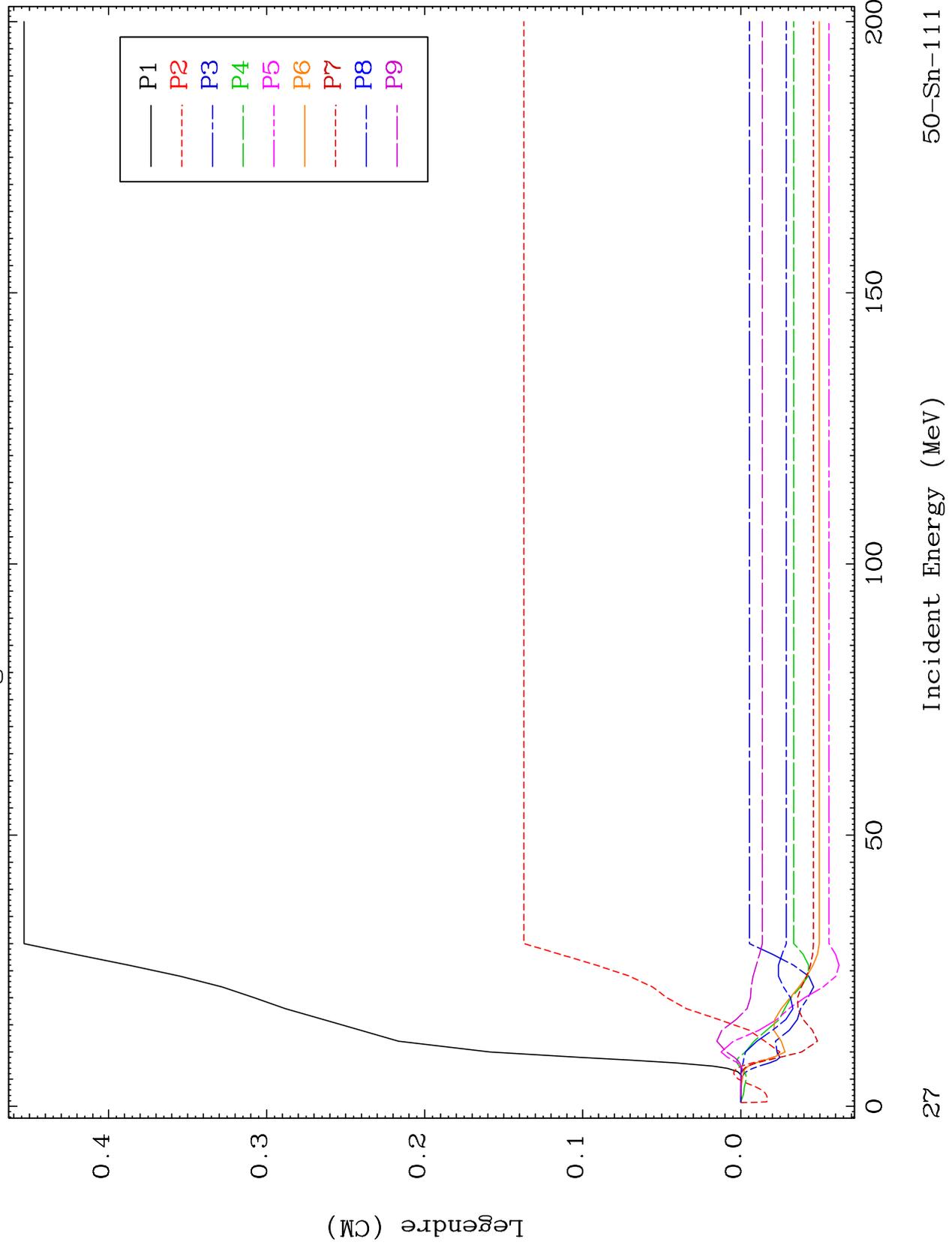




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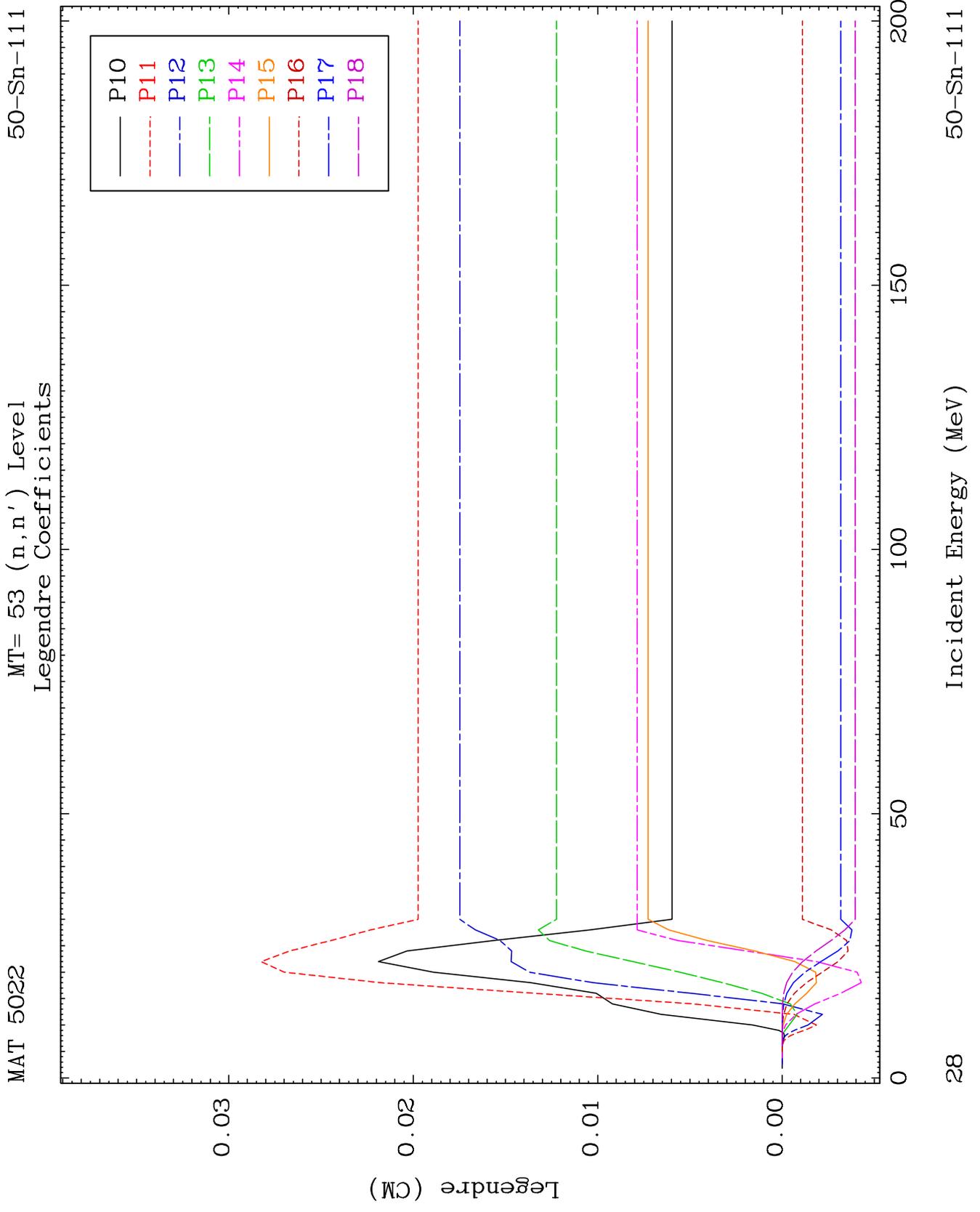
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Legendre Coefficients

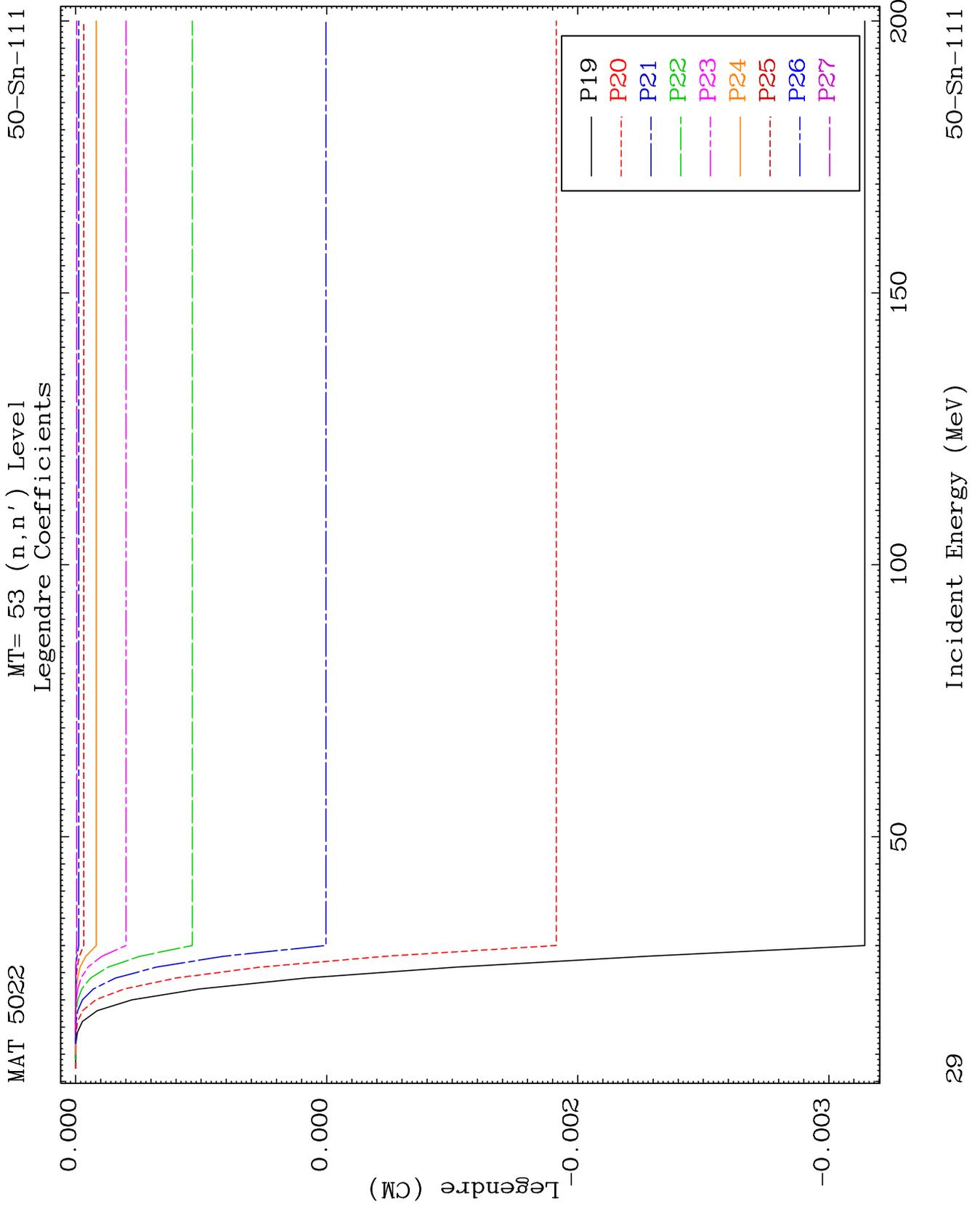
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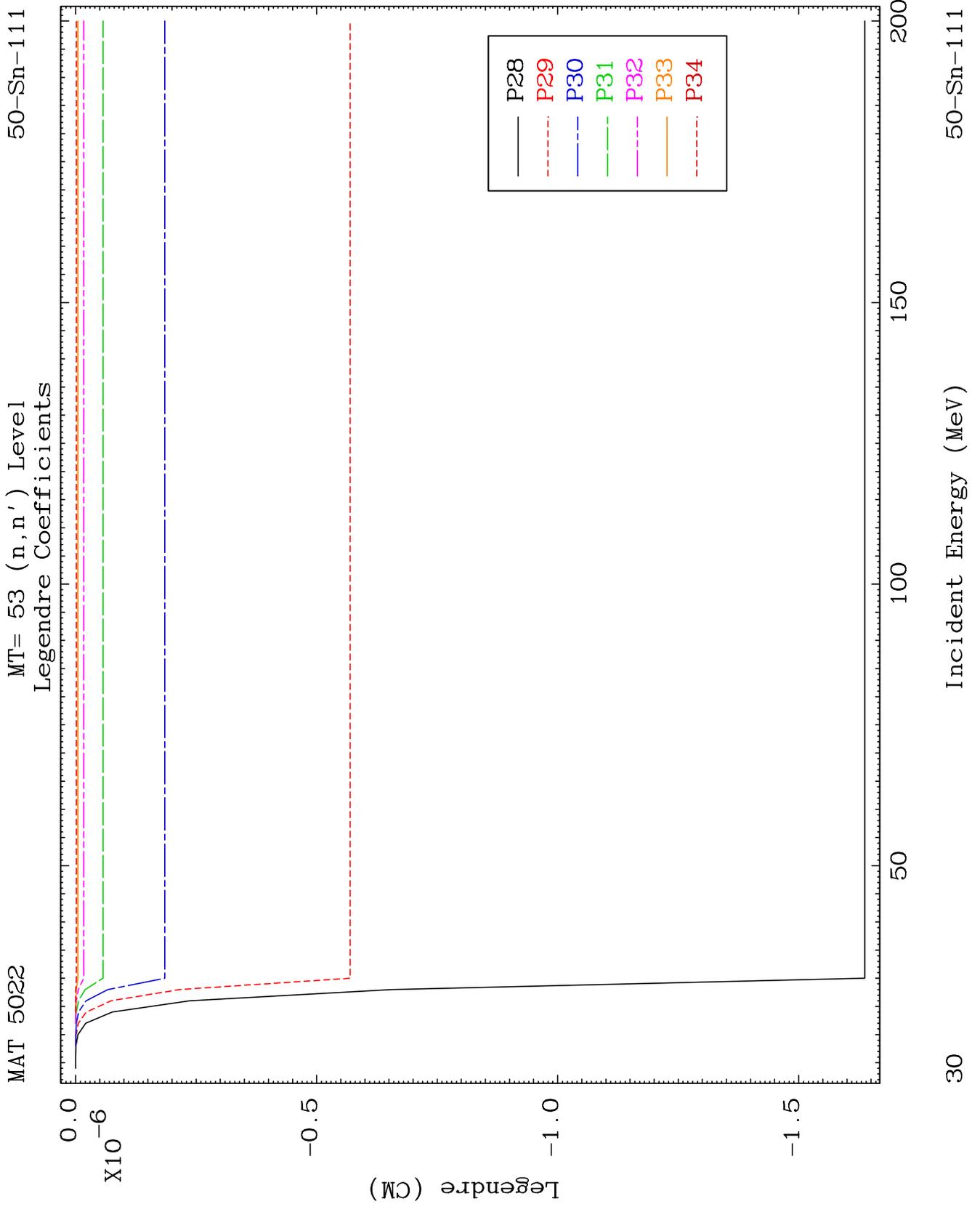


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50-Sn-111



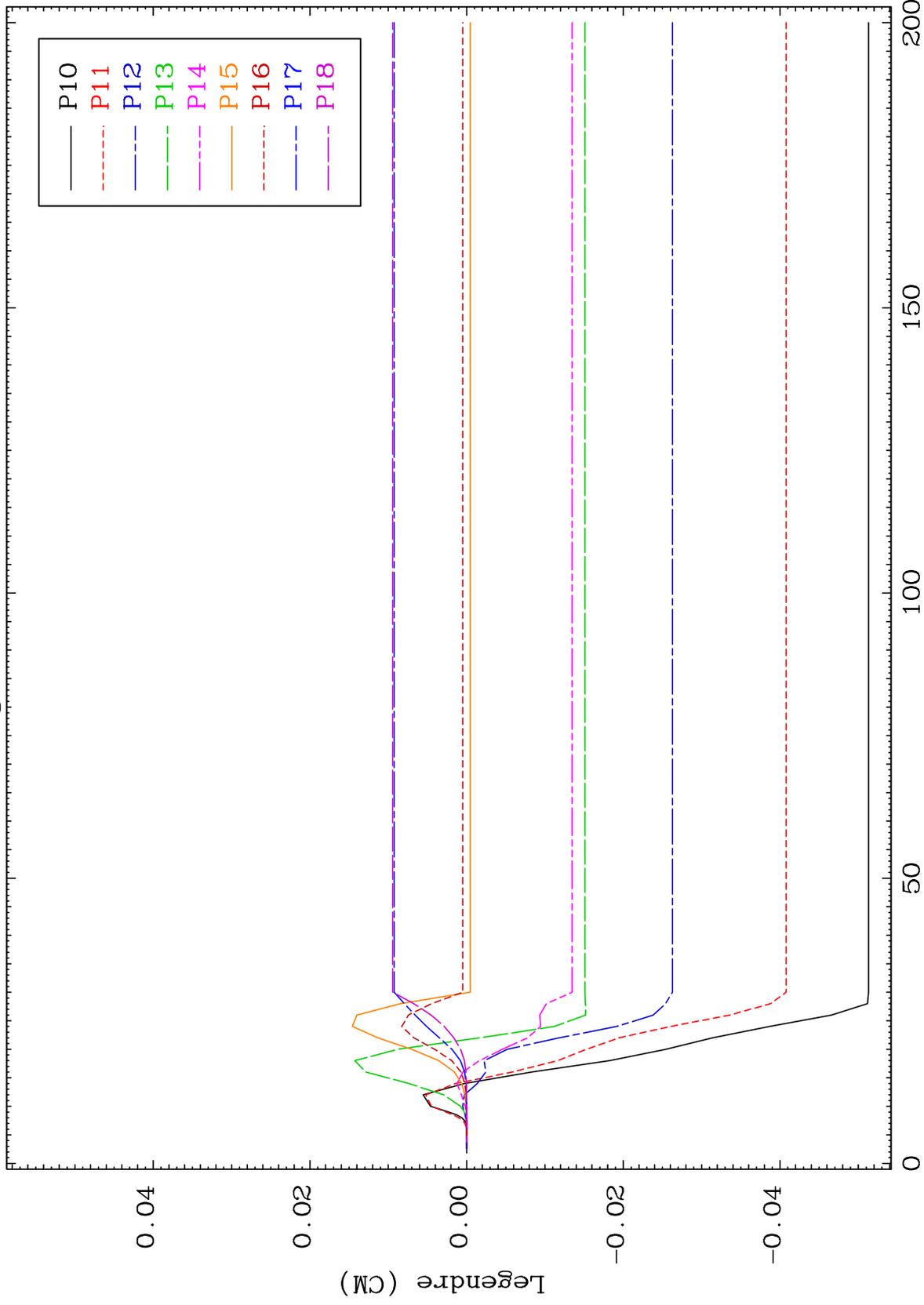




MAT 5022

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

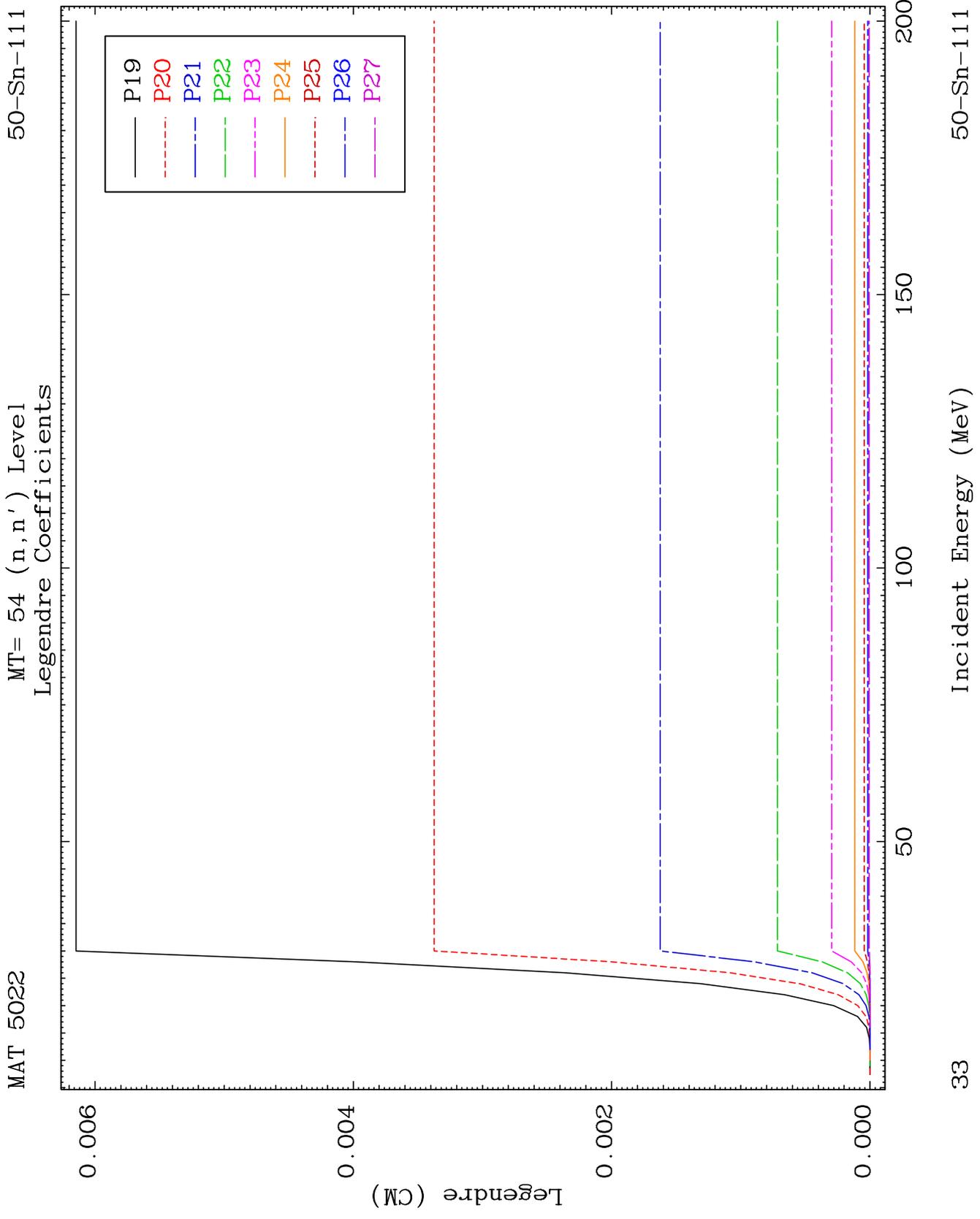
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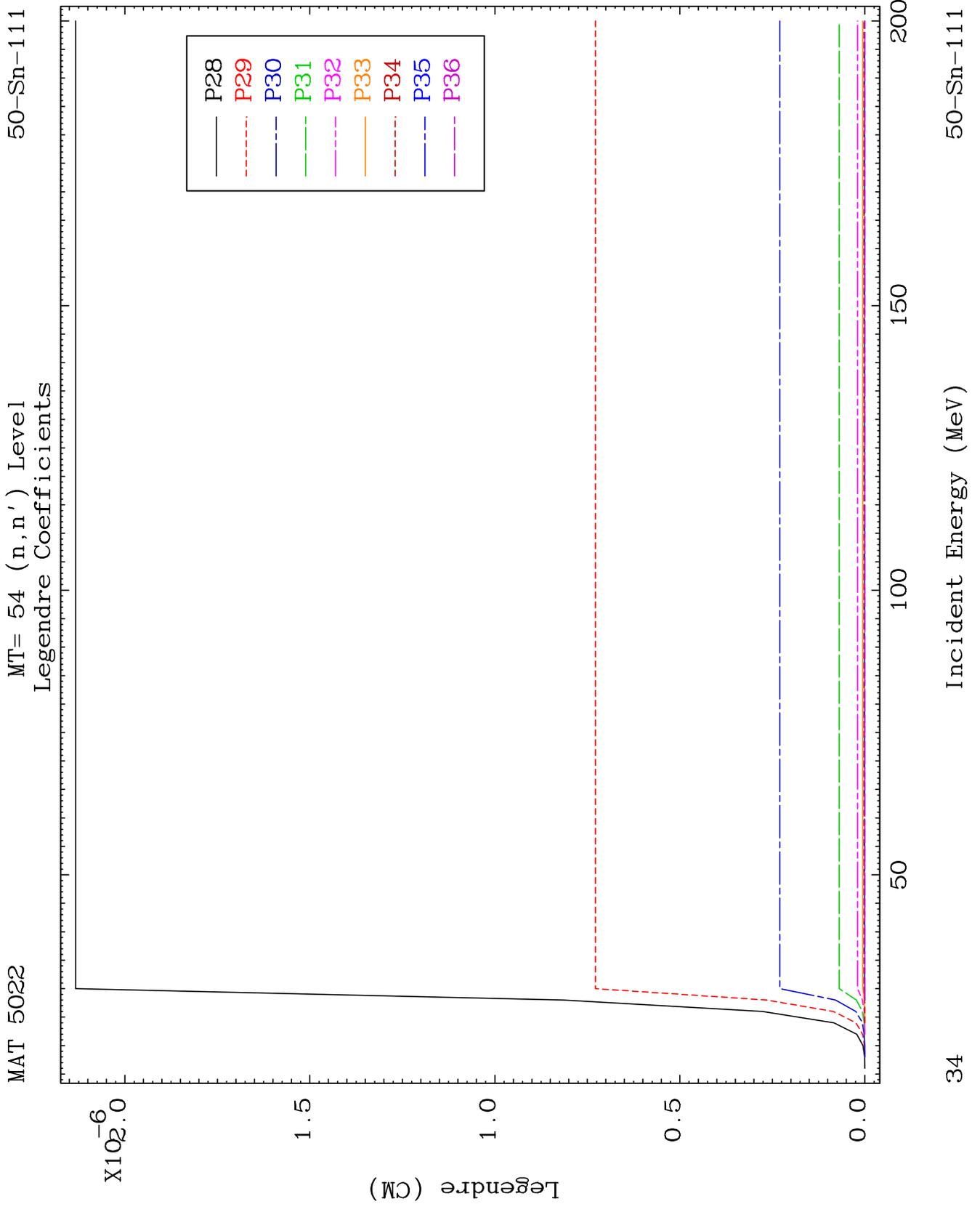


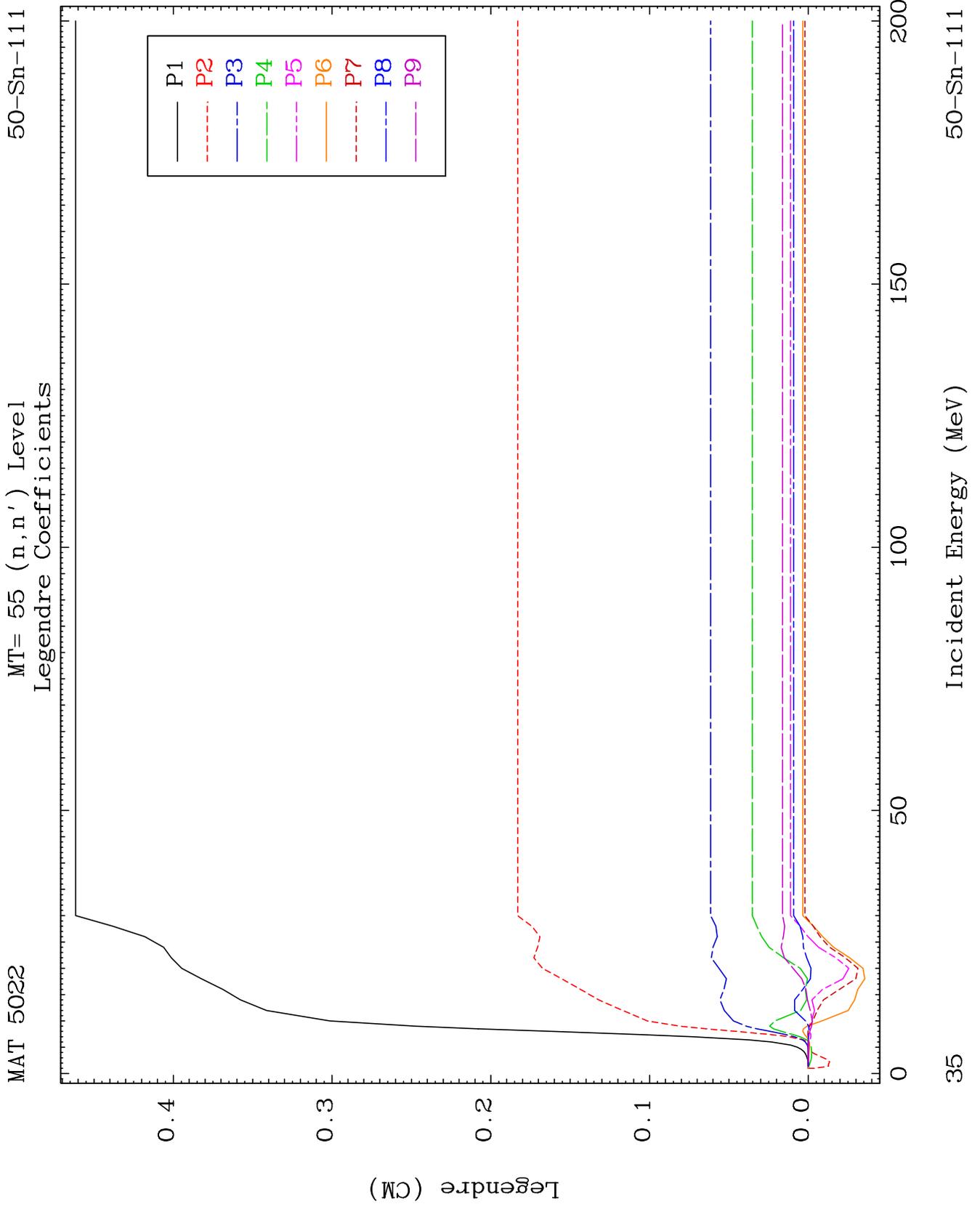
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Incident Energy (MeV)

50-Sn-111



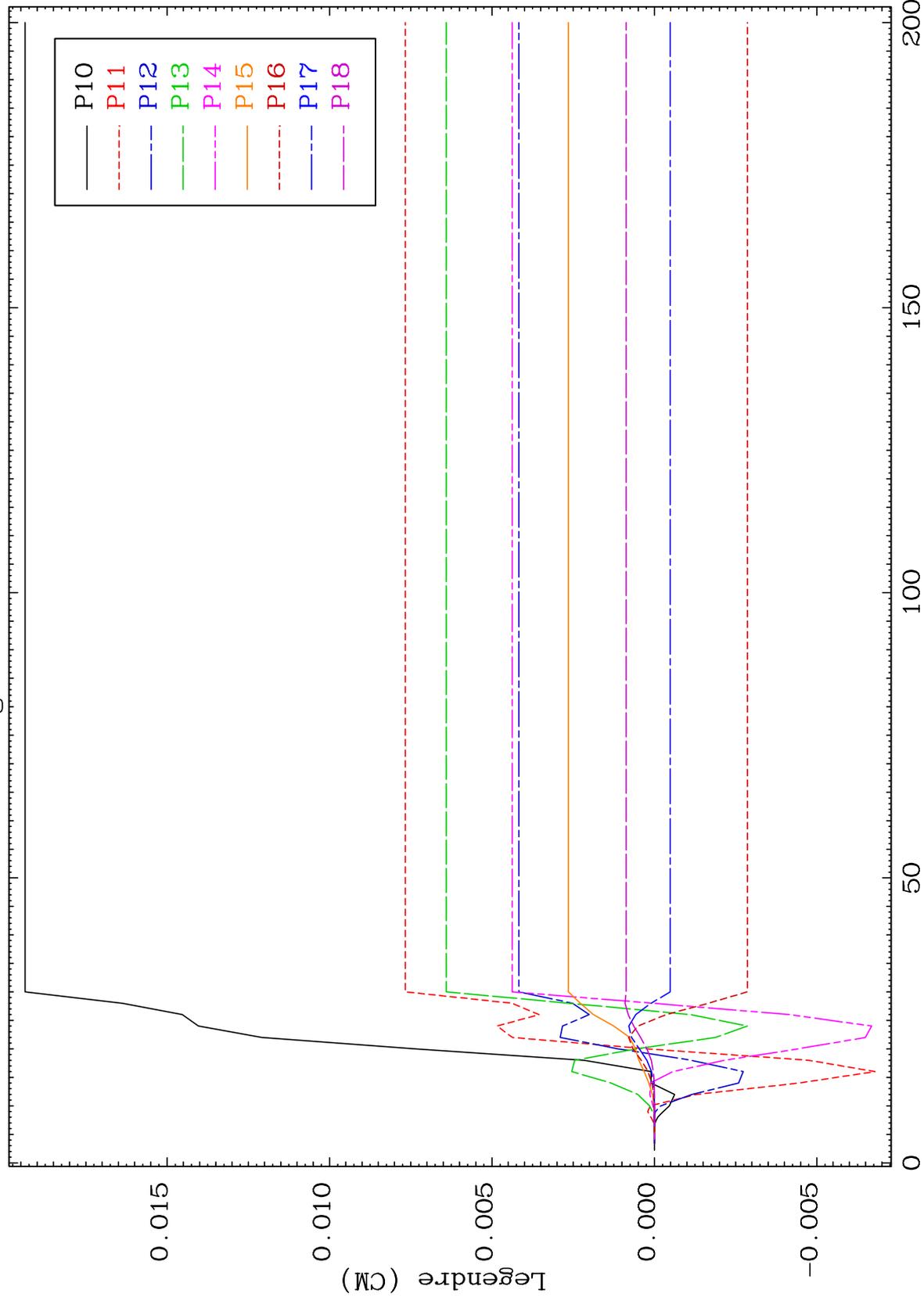




MAT 5022

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

50-Sn-111



36

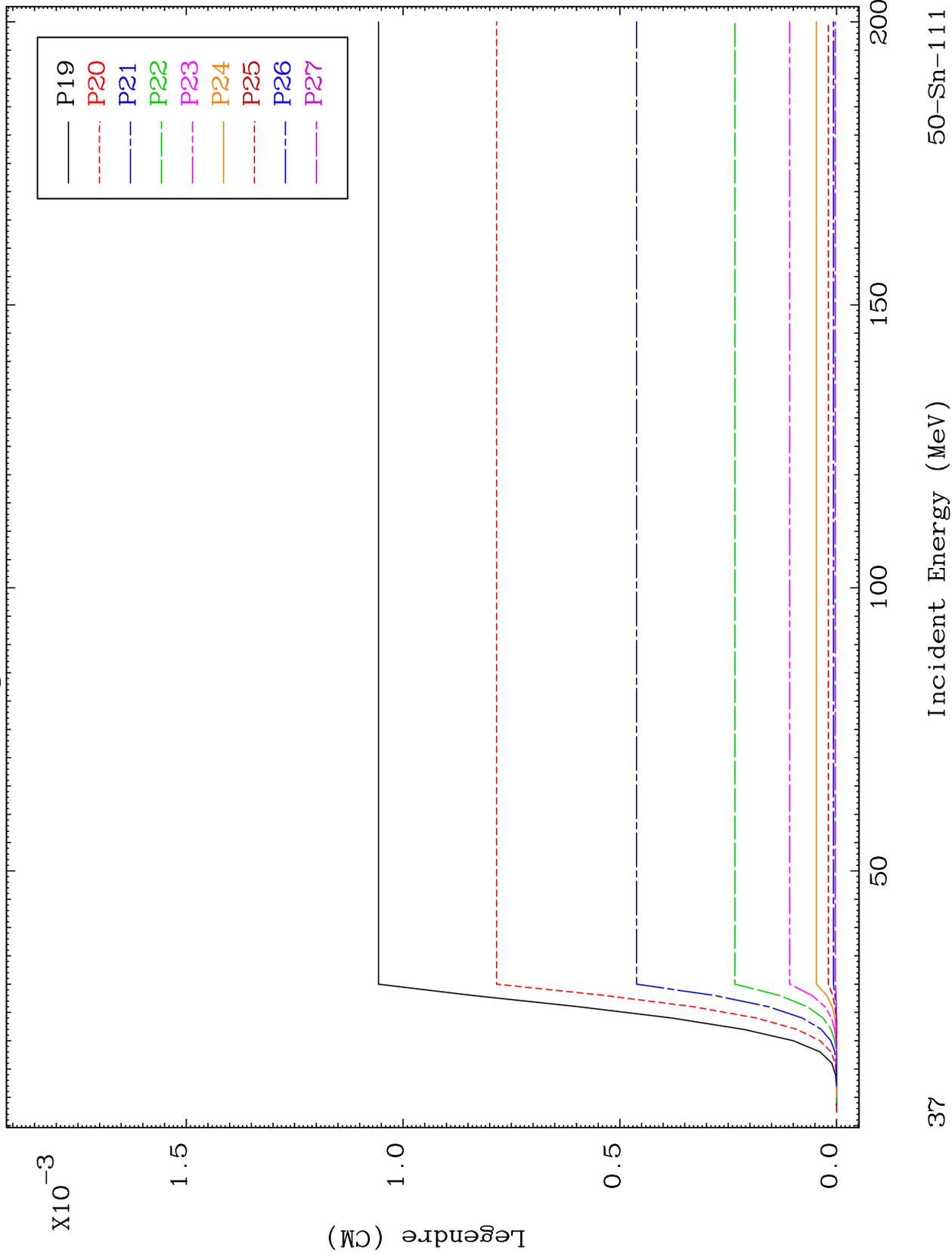
Incident Energy (MeV)

50-Sn-111

MAT 5022

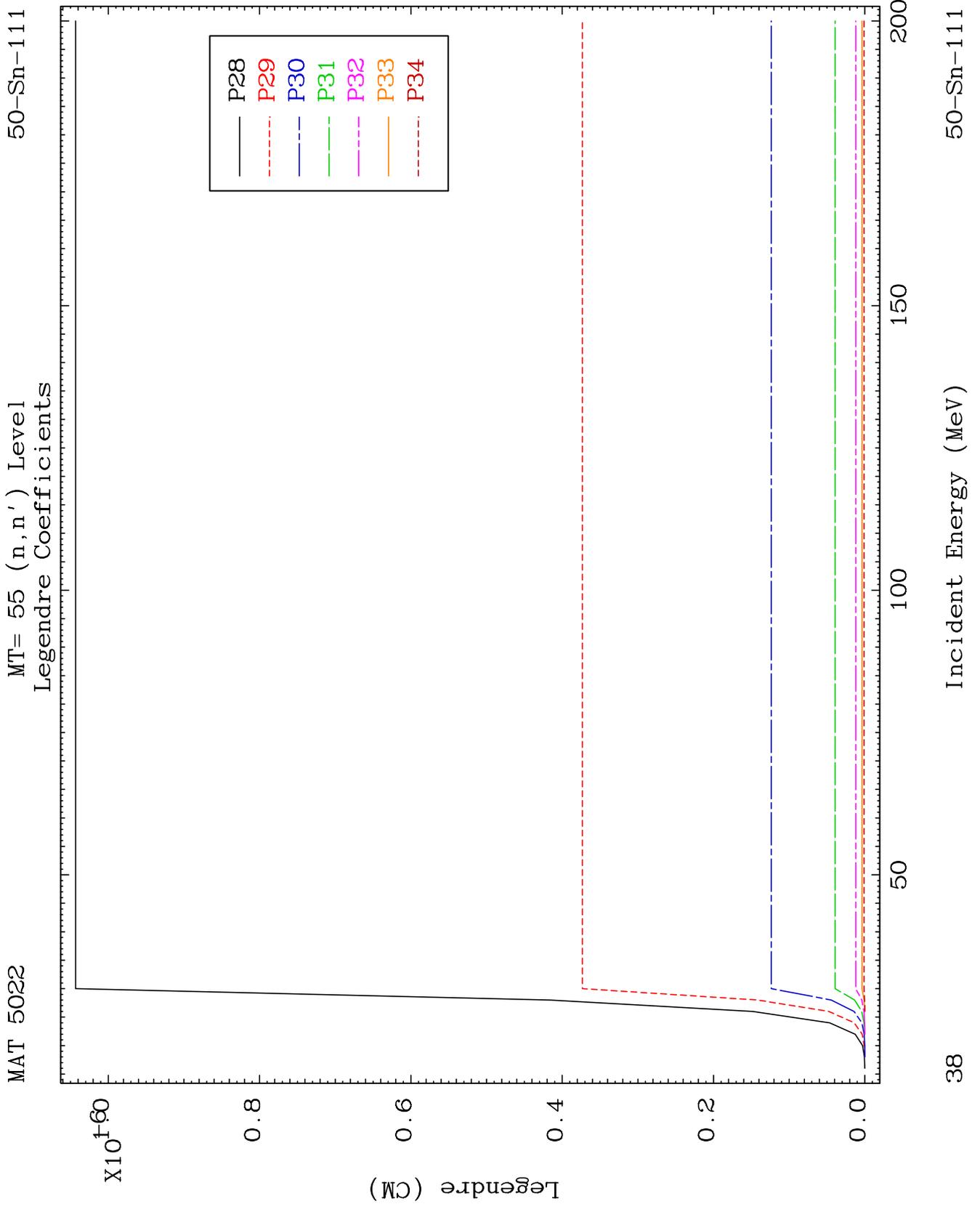
MT= 55 (n,n') Level
Legendre Coefficients

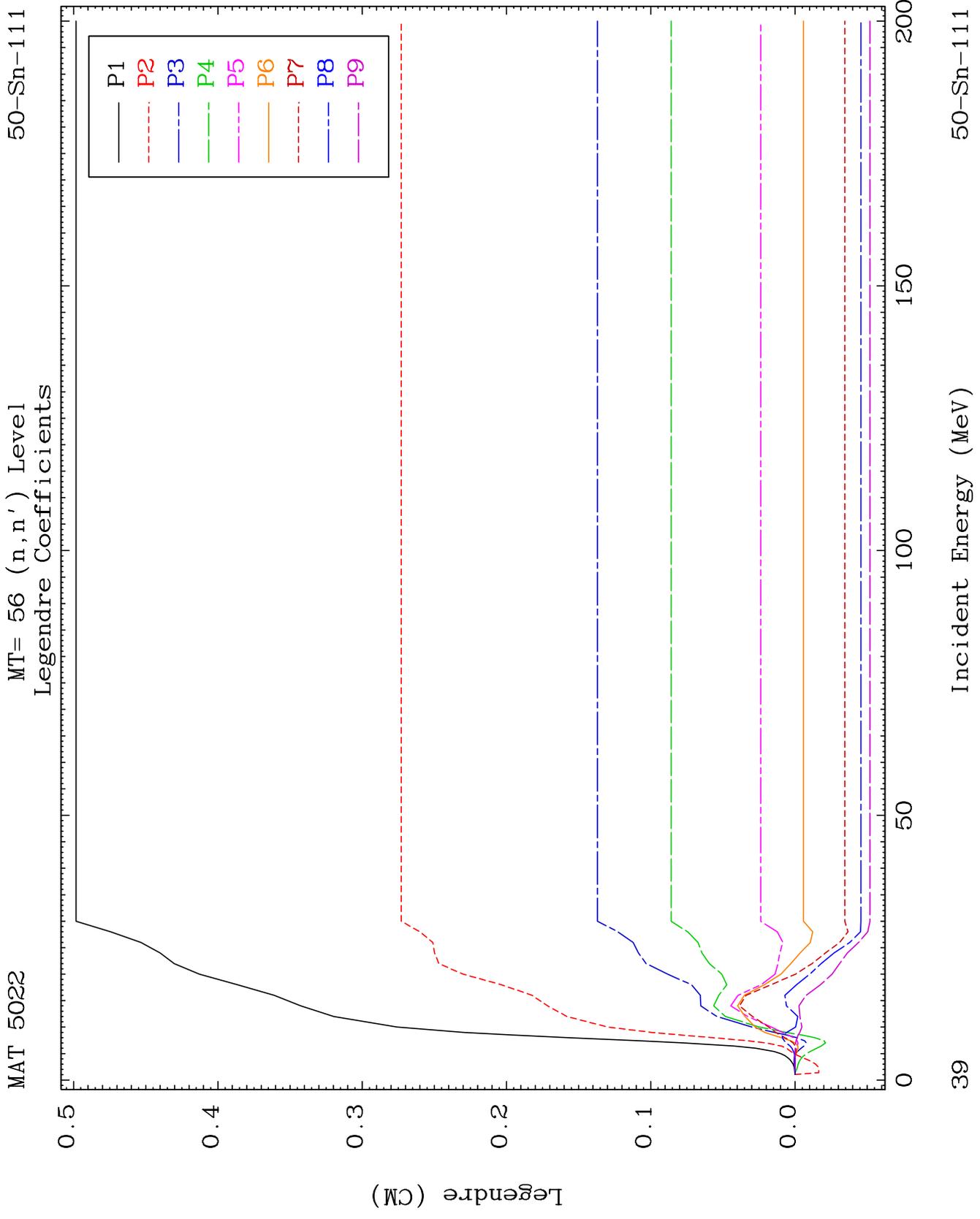
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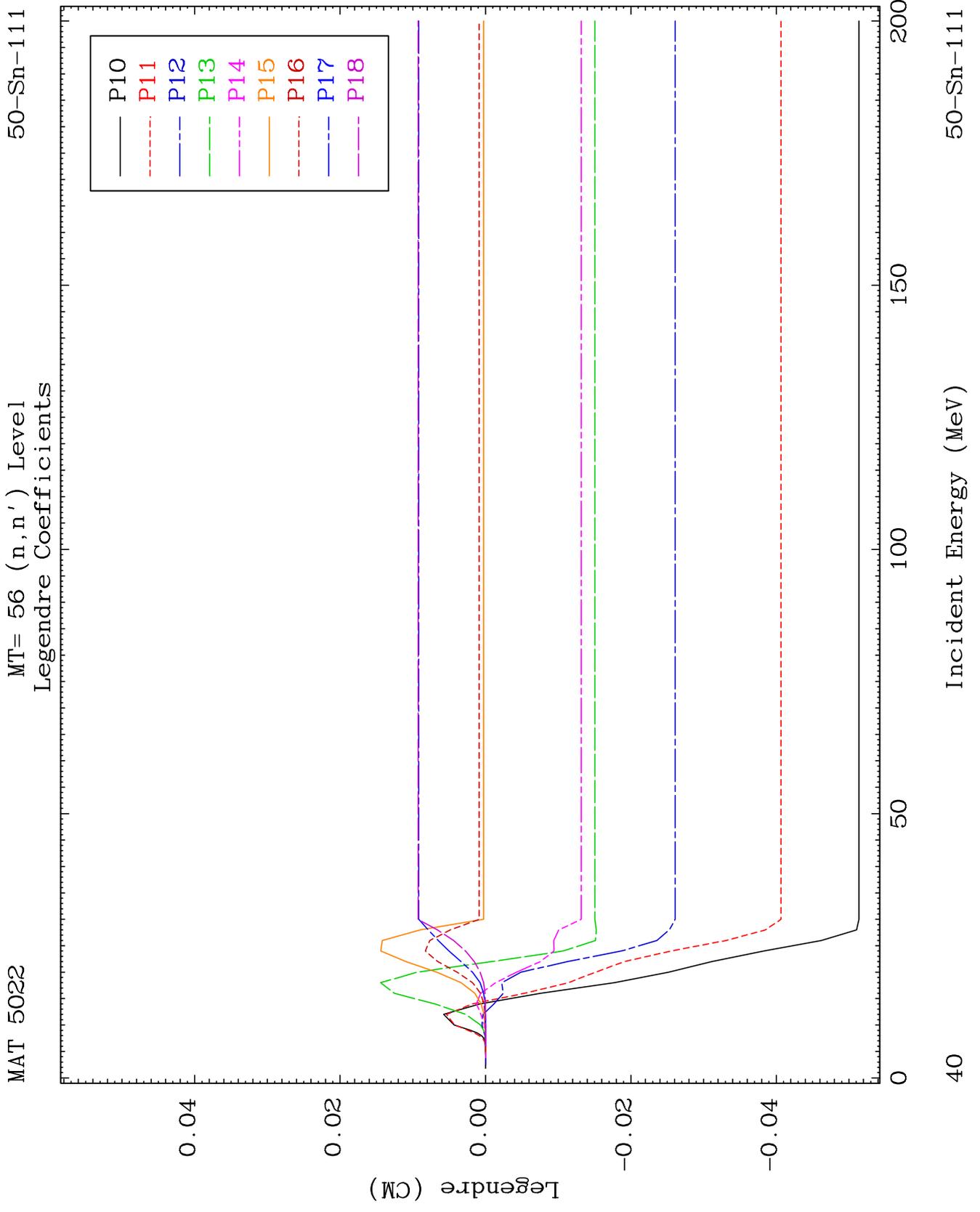


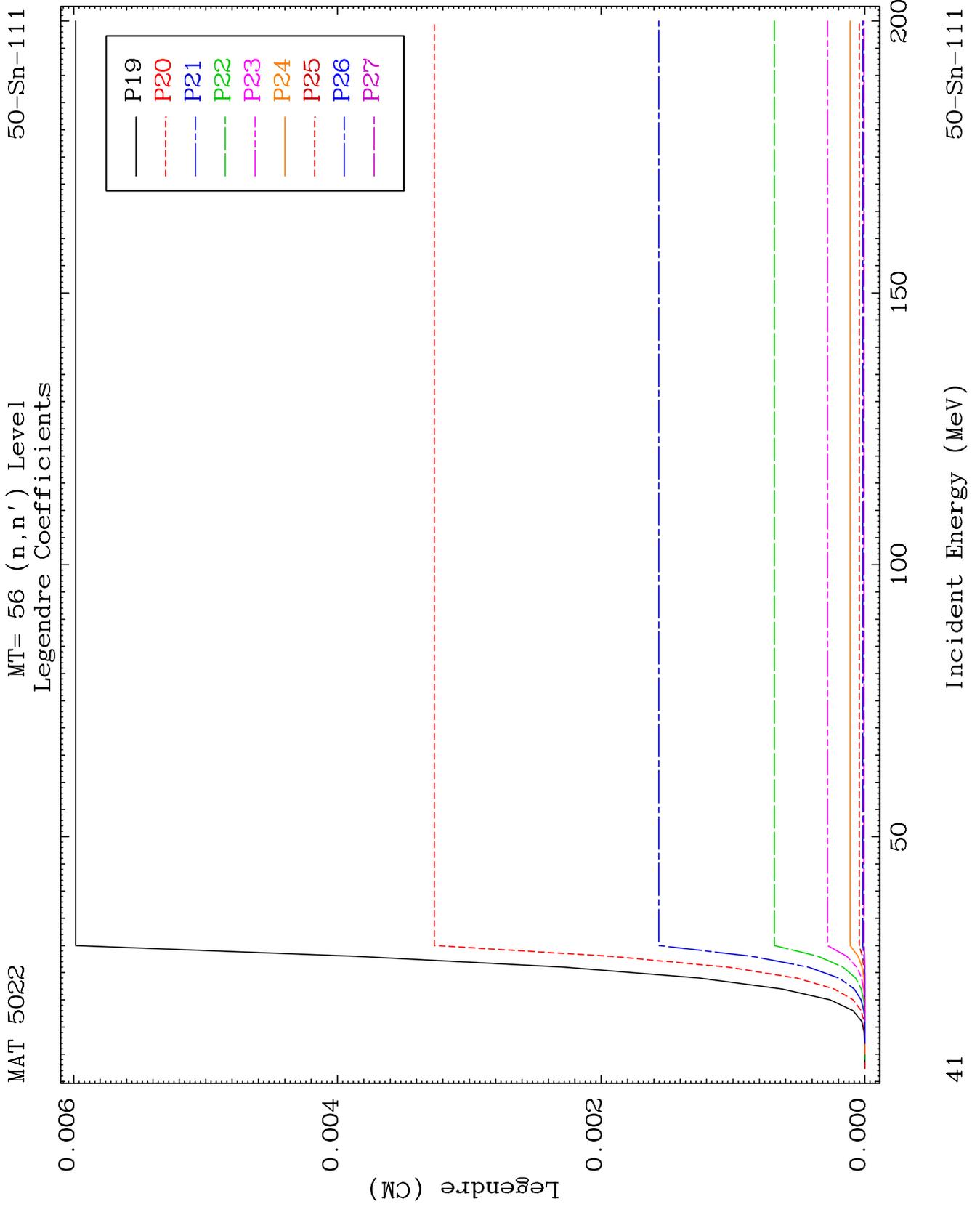
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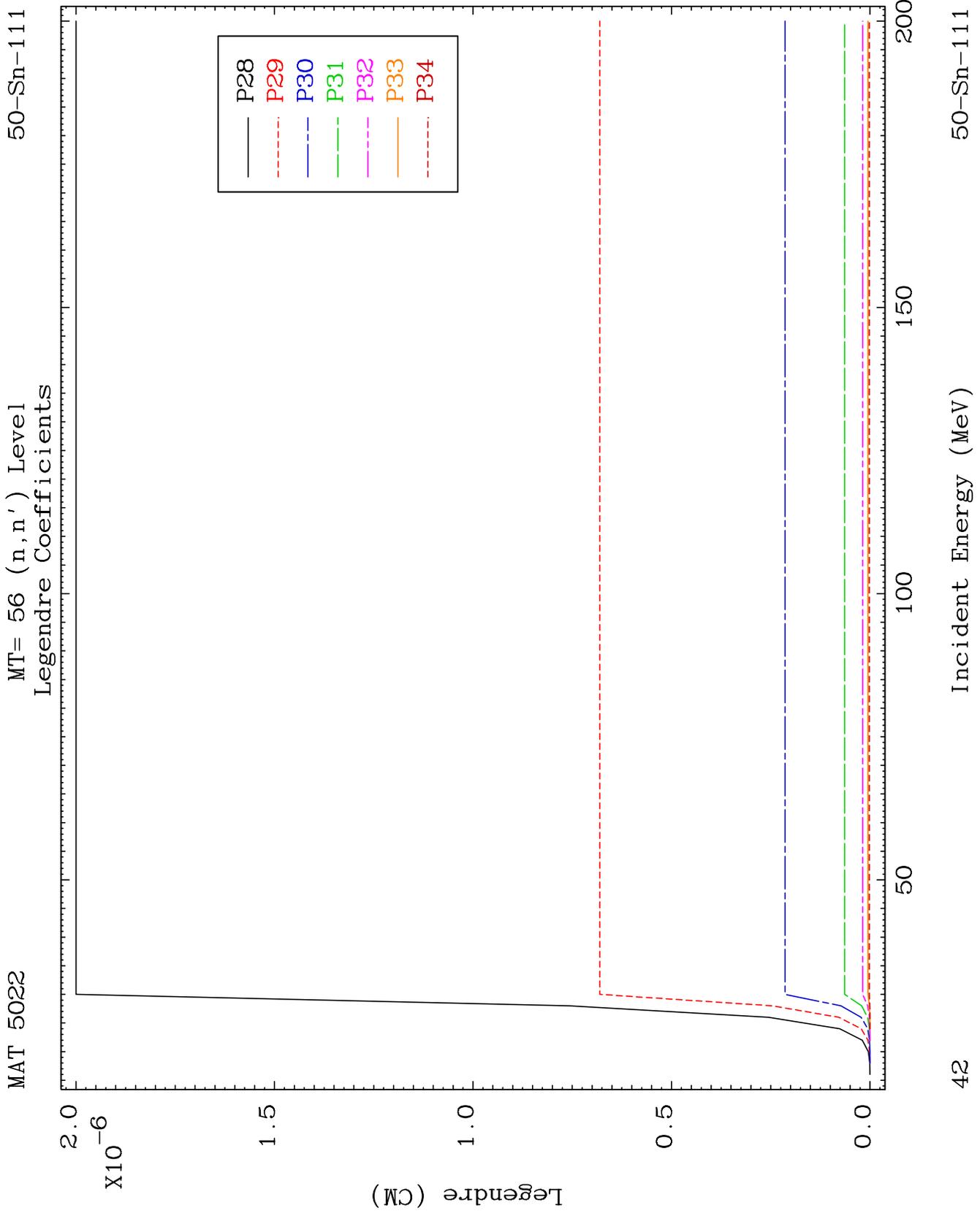
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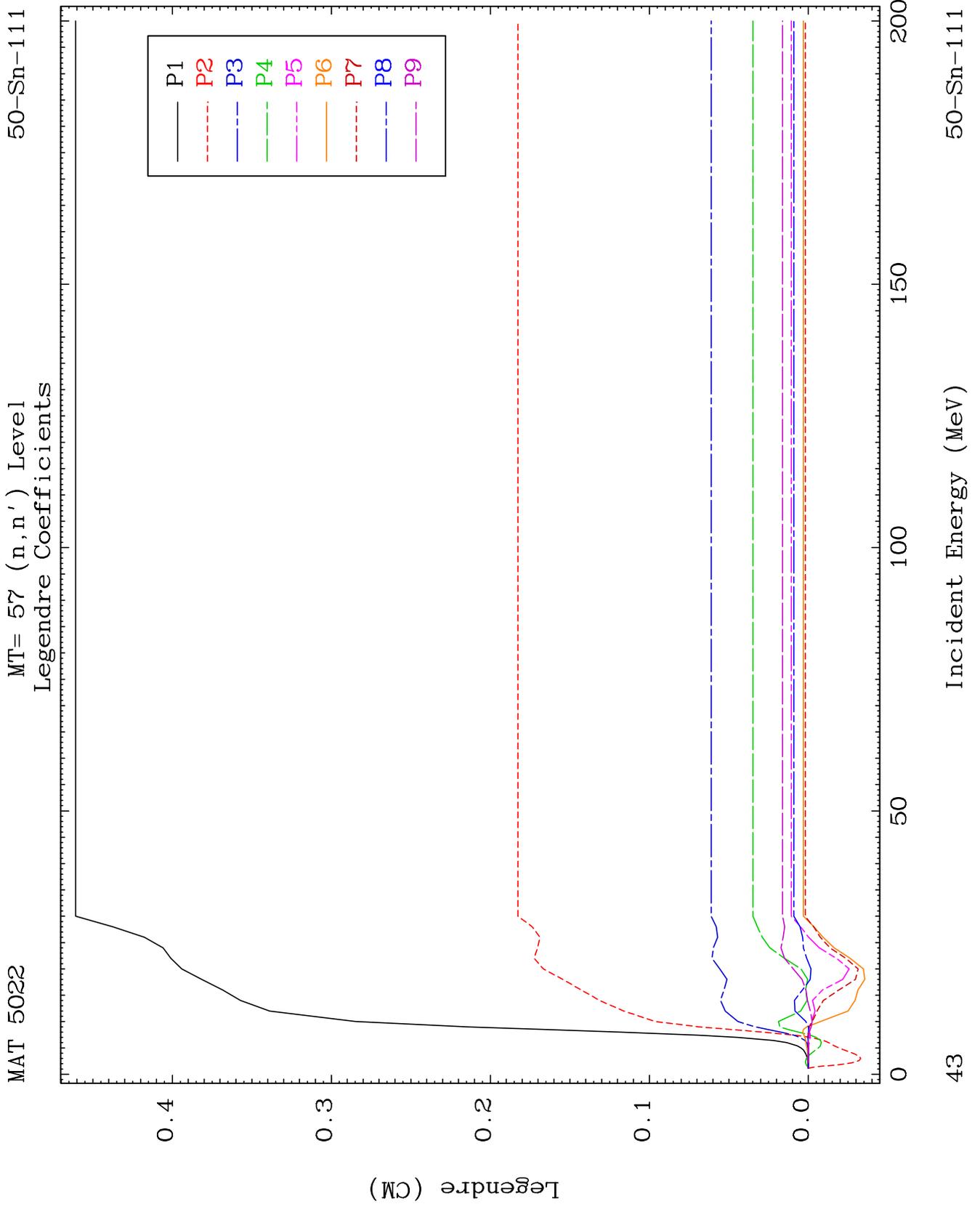








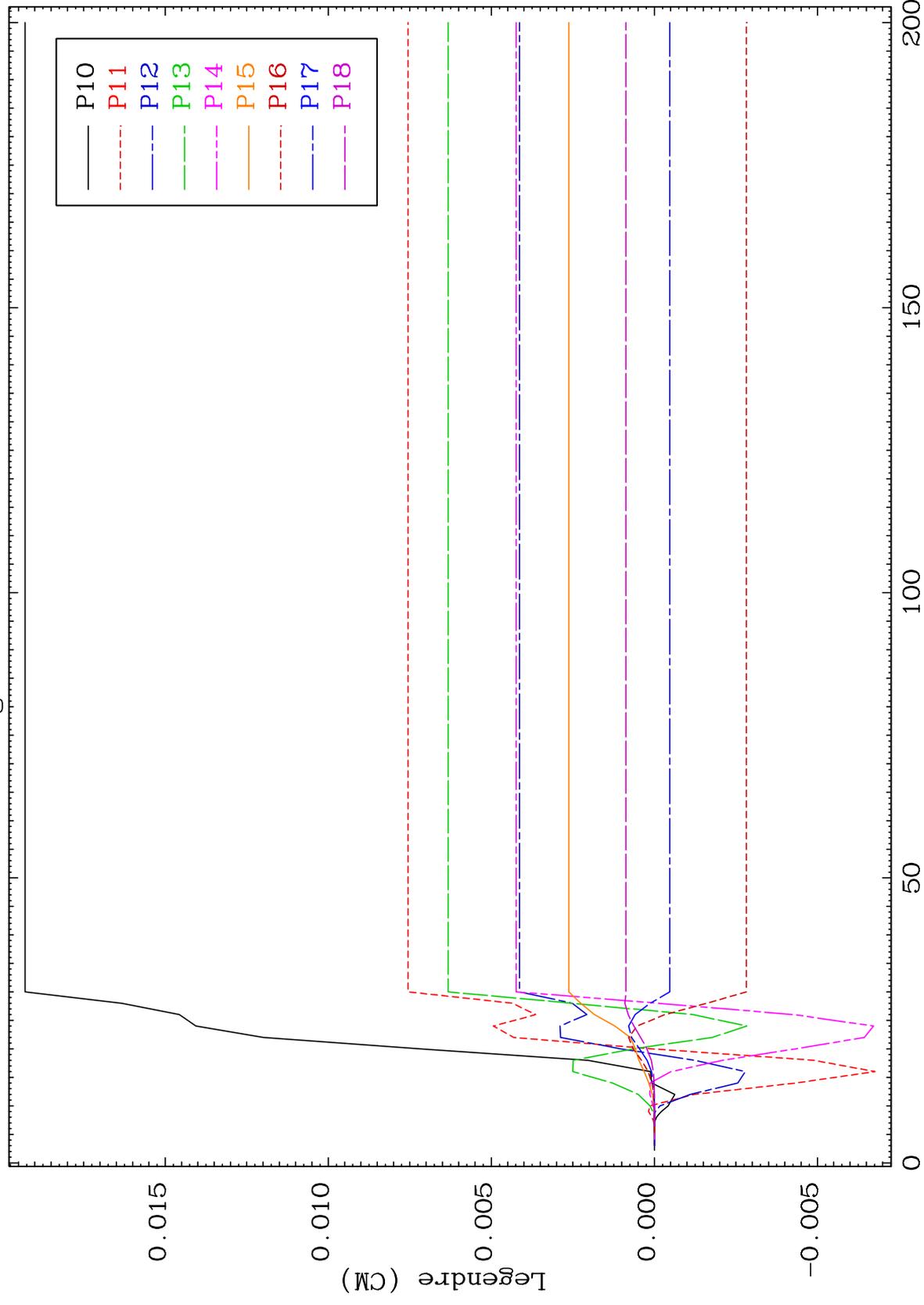




MAT 5022

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

50-Sn-111



50-Sn-111

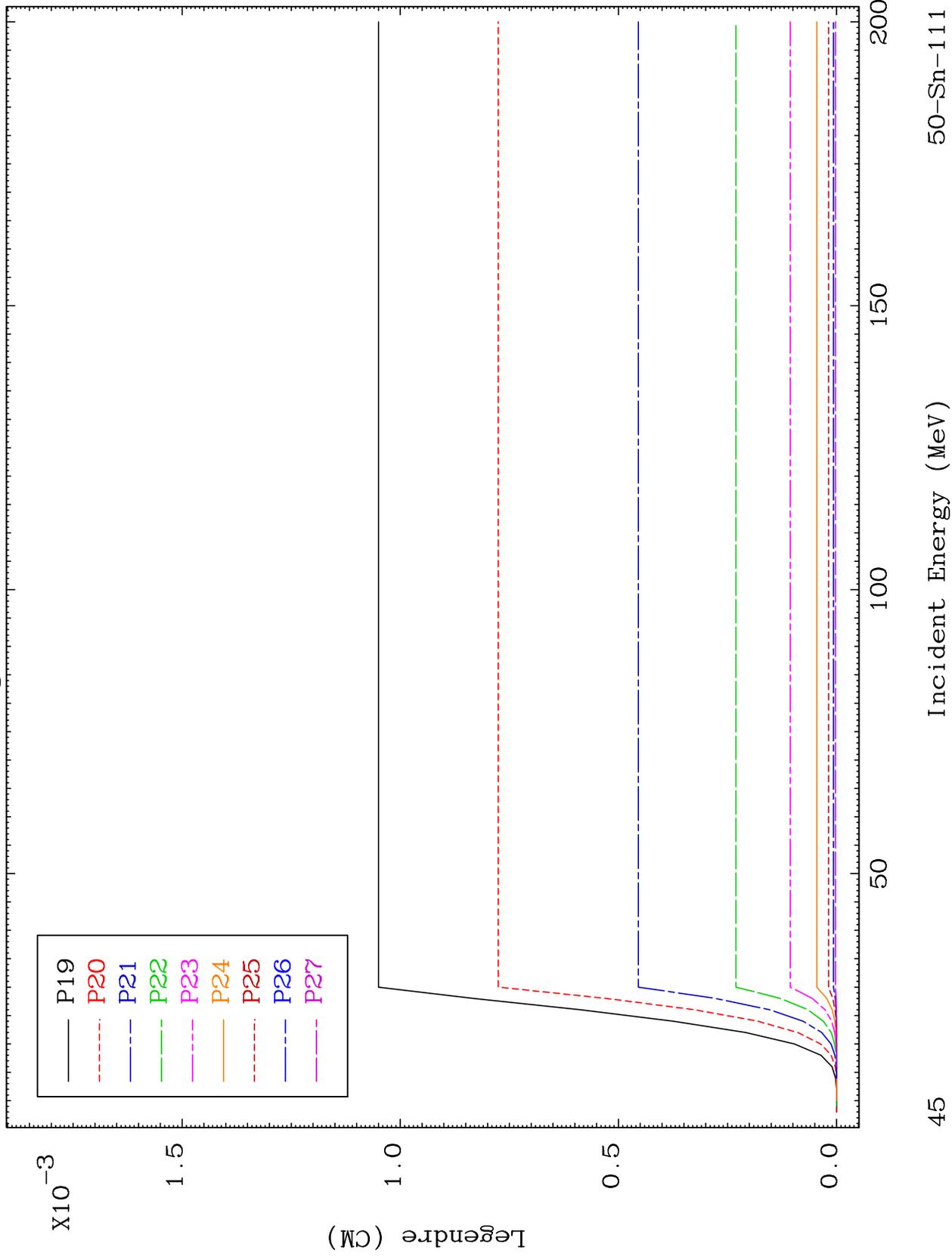
Incident Energy (MeV)

44

MAT 5022

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

50-Sn-111



45

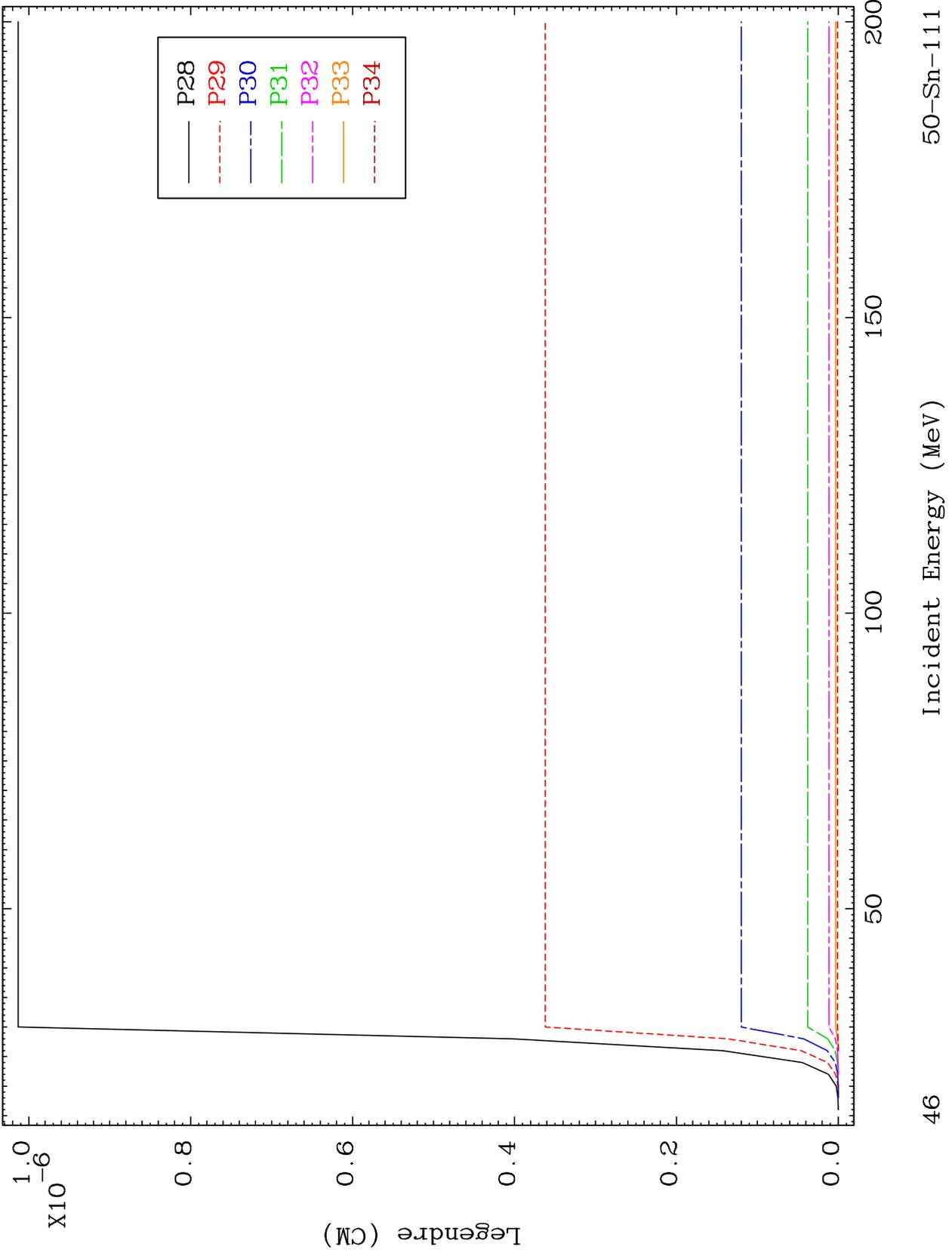
Incident Energy (MeV)

50-Sn-111

MAT 5022

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

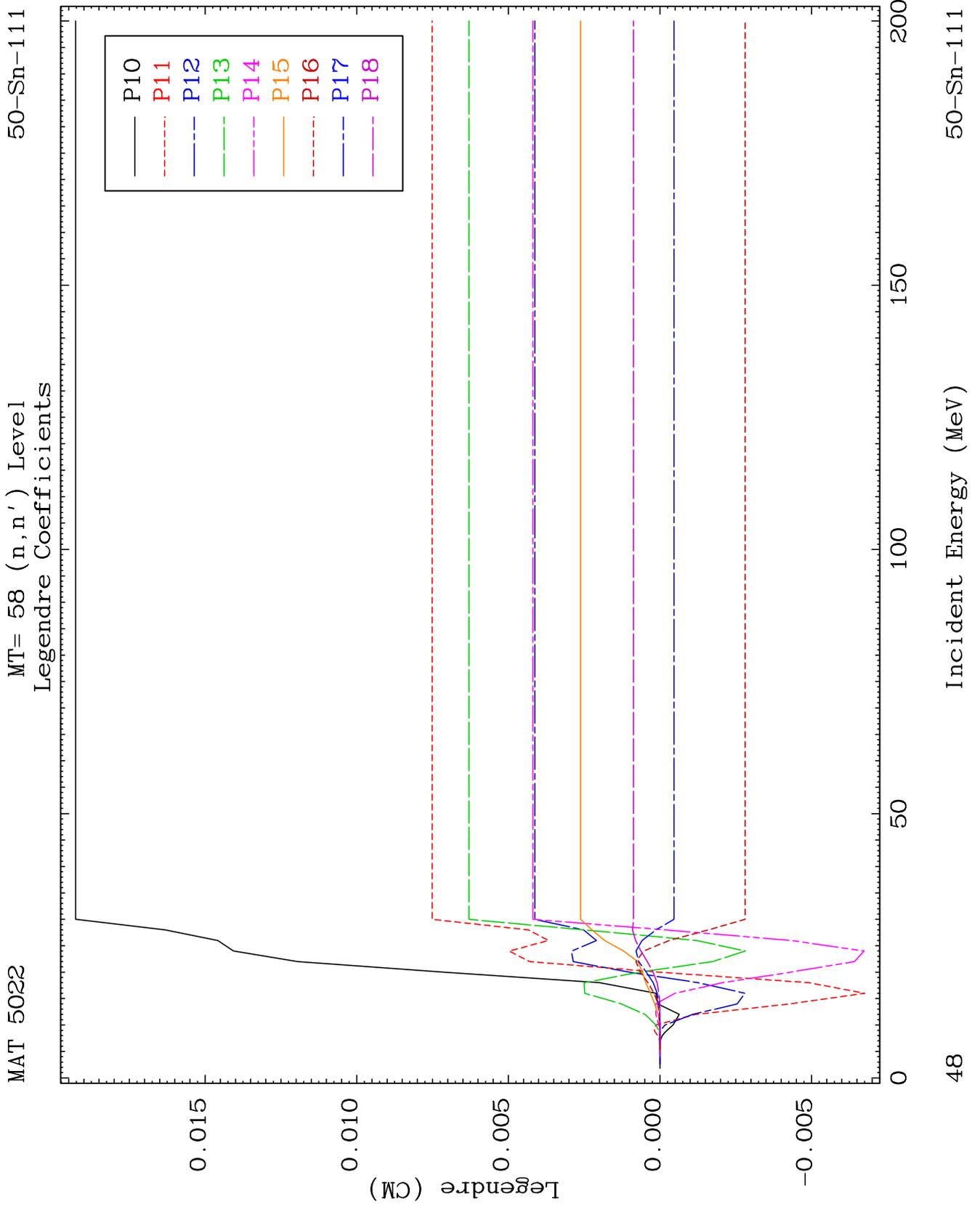
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46

Incident Energy (MeV)

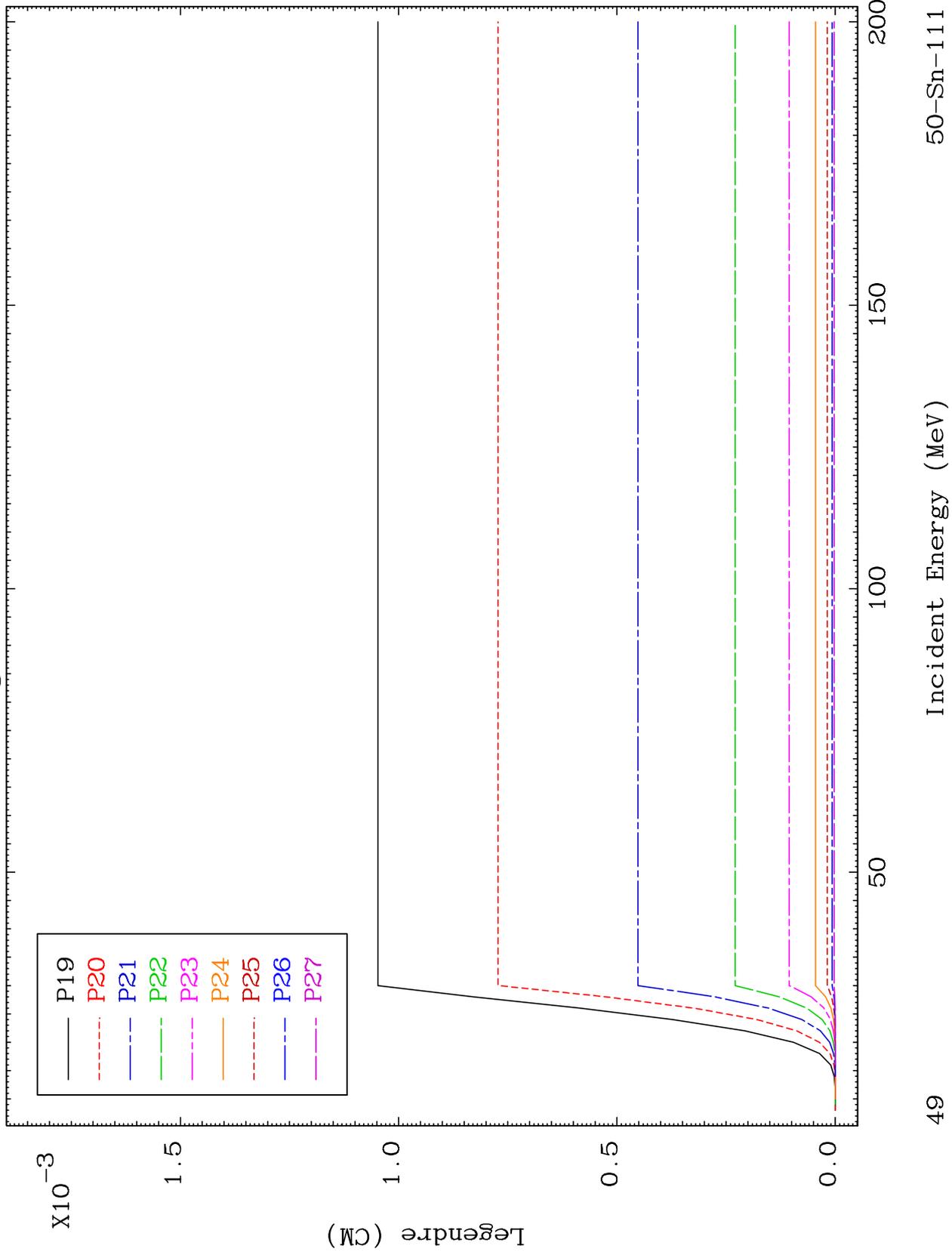
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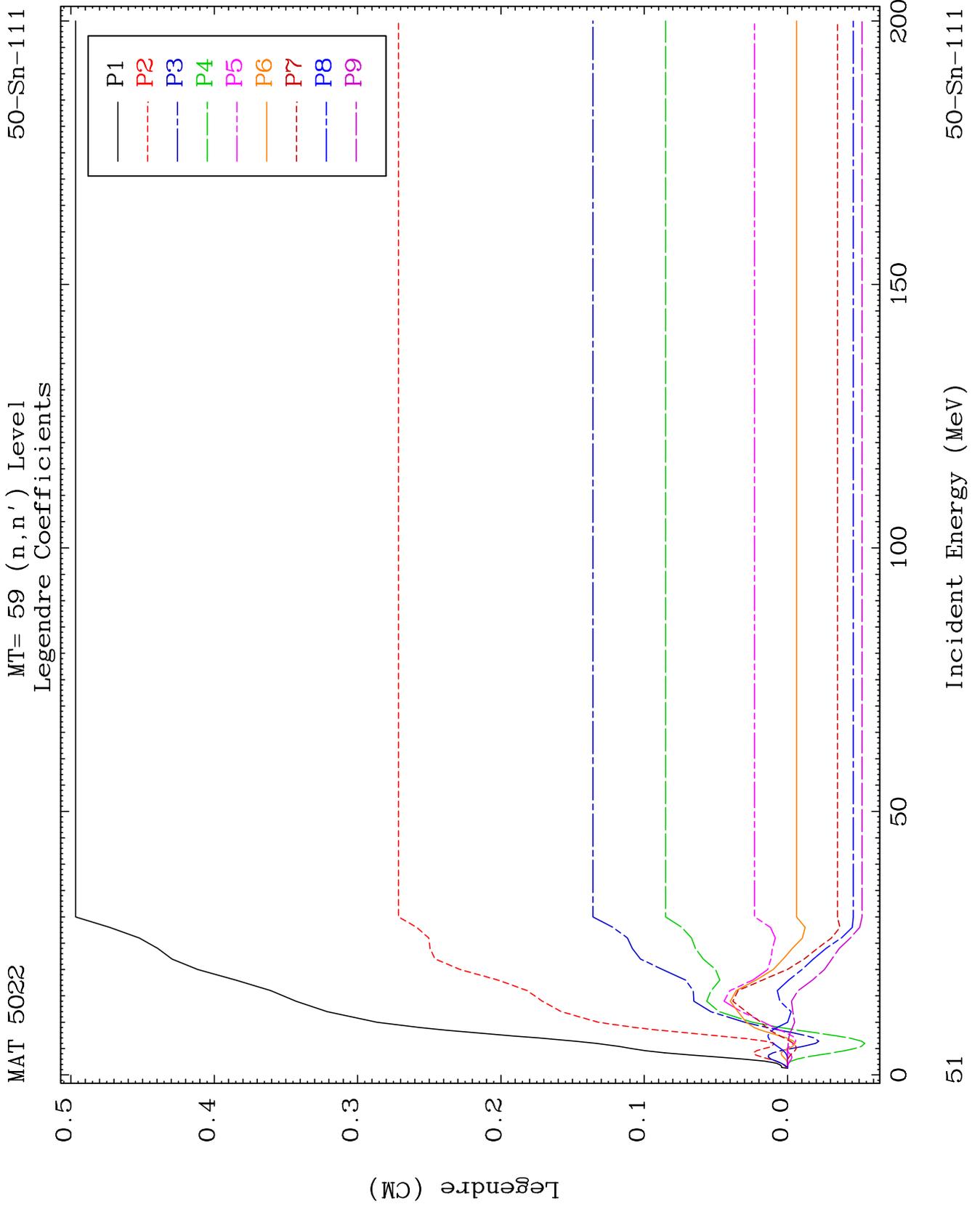


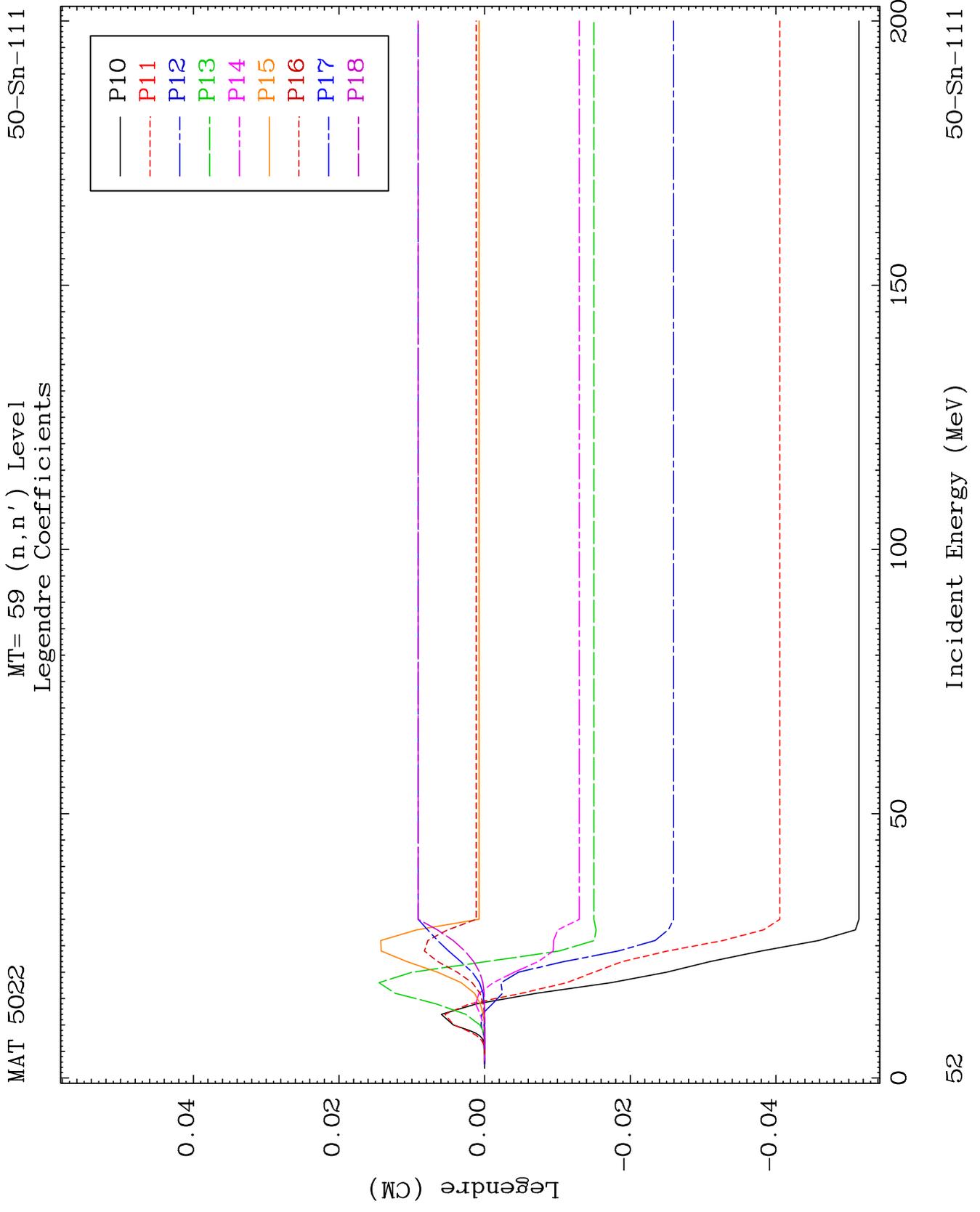
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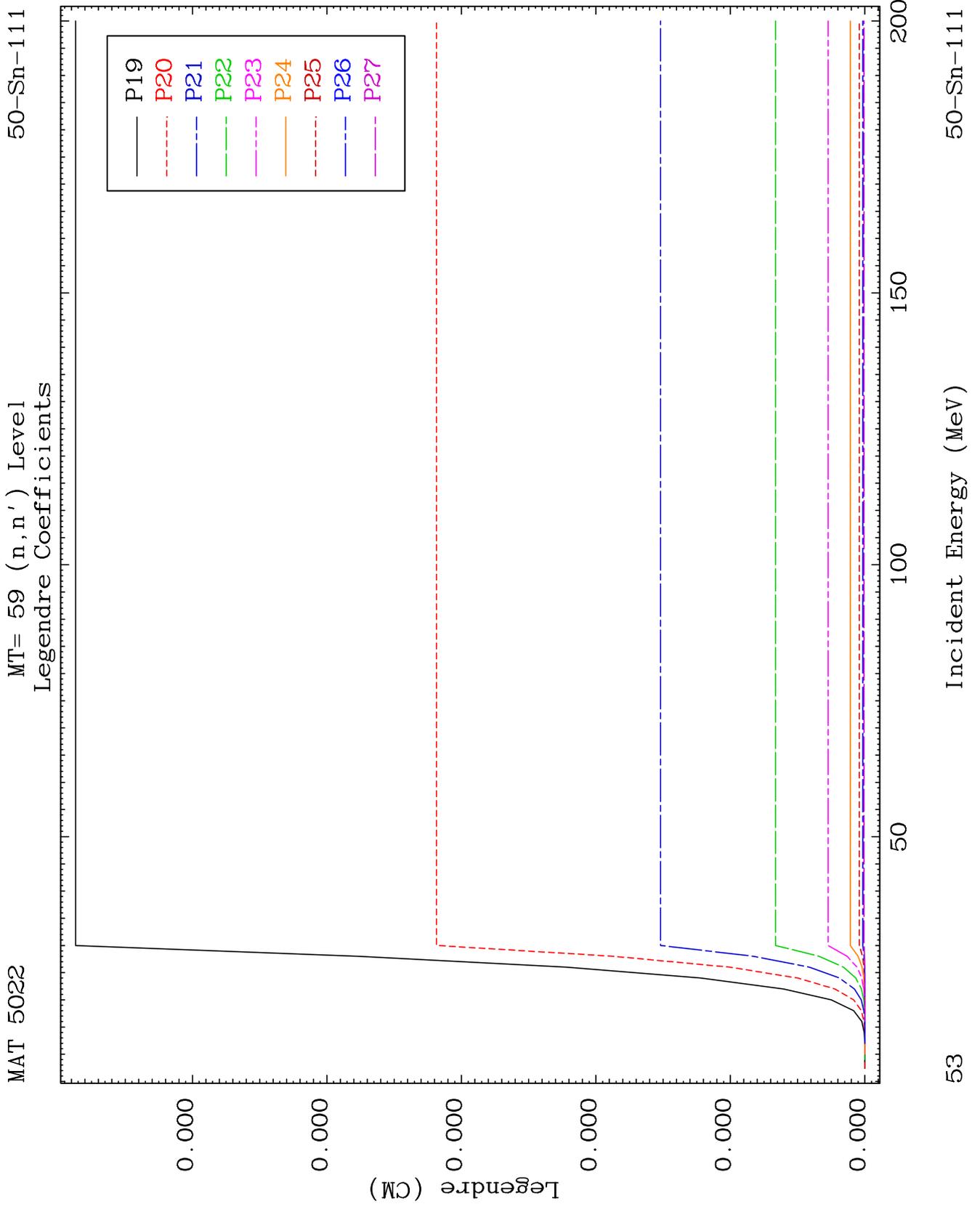
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Legendre Coefficients

50-Sn-111





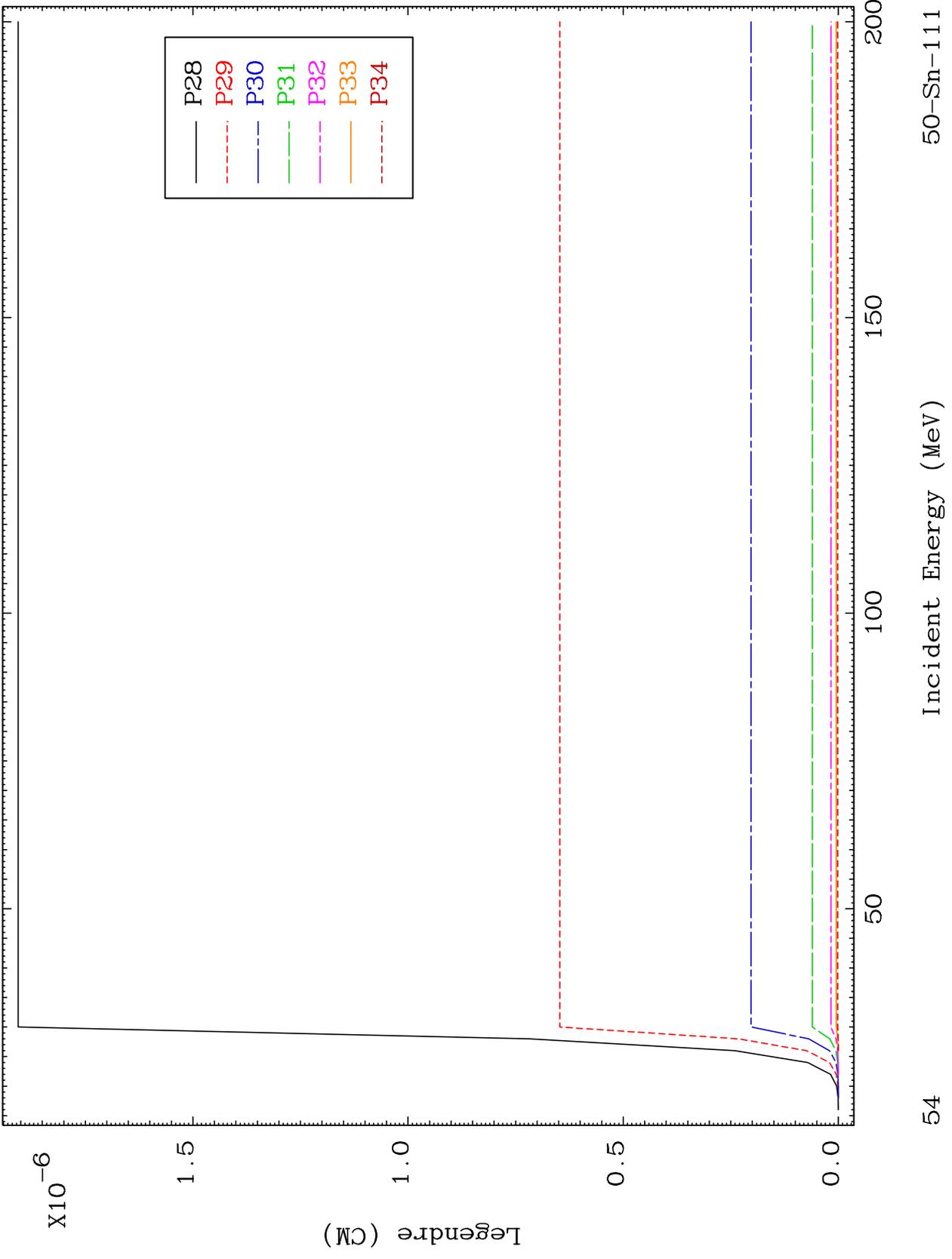




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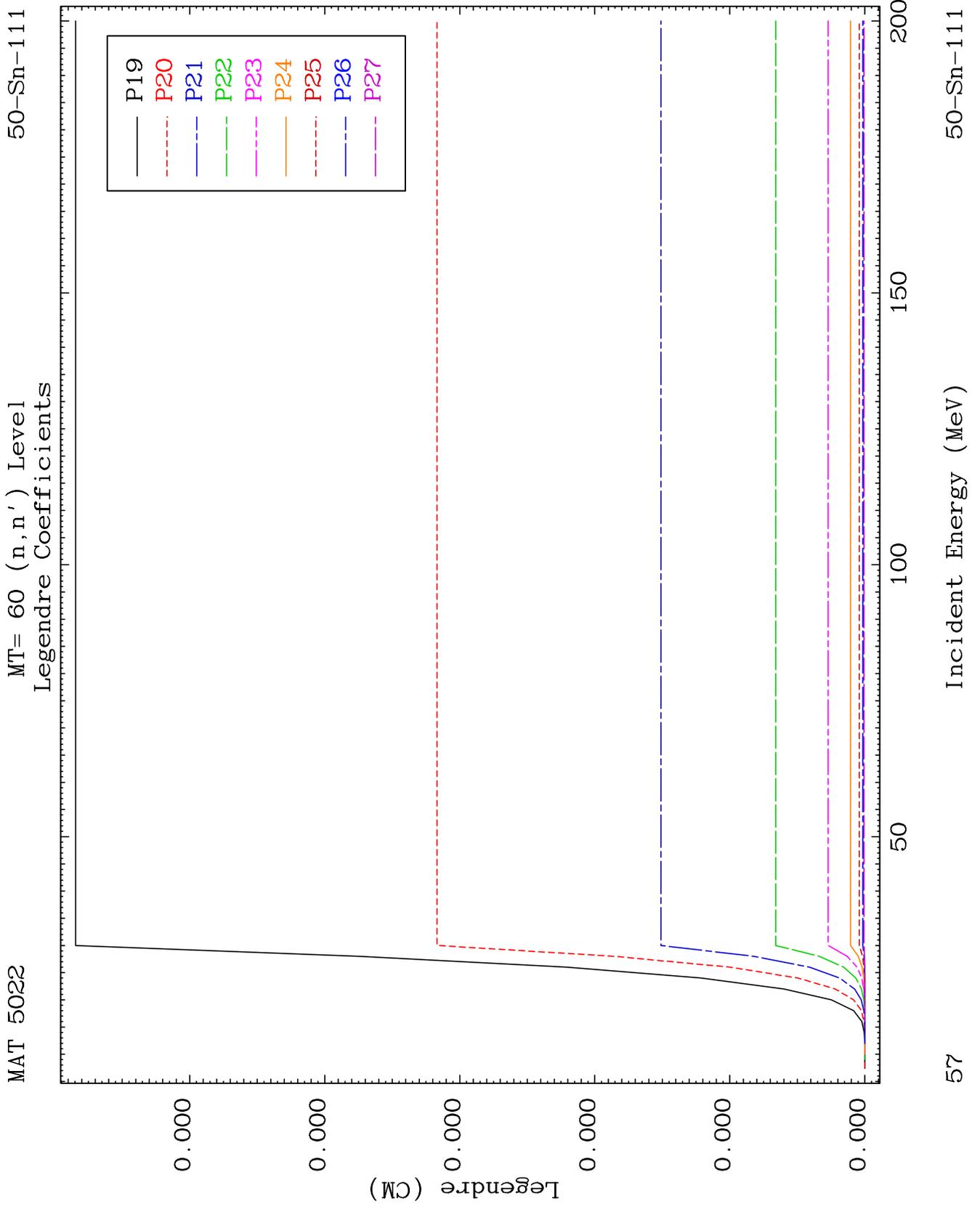
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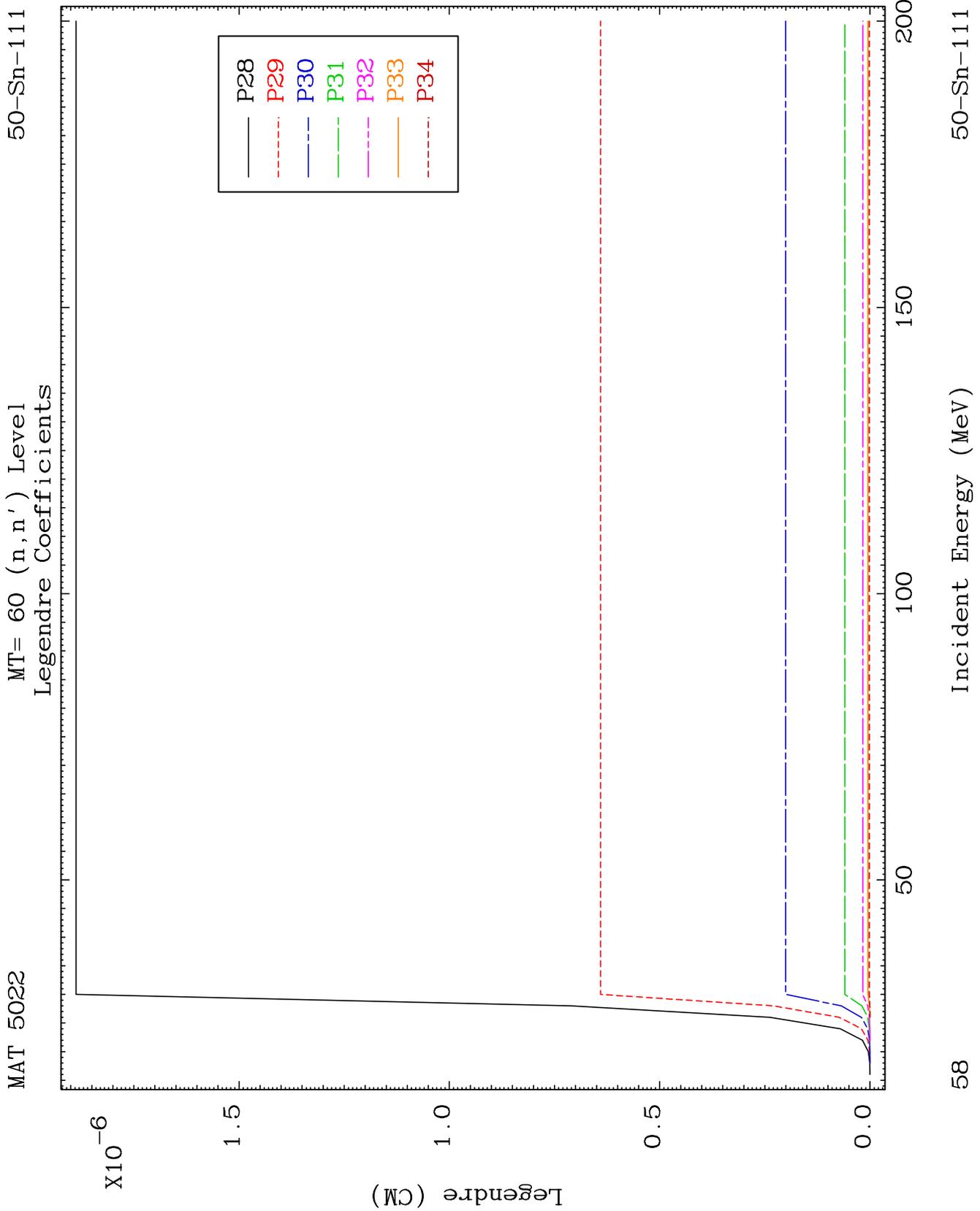


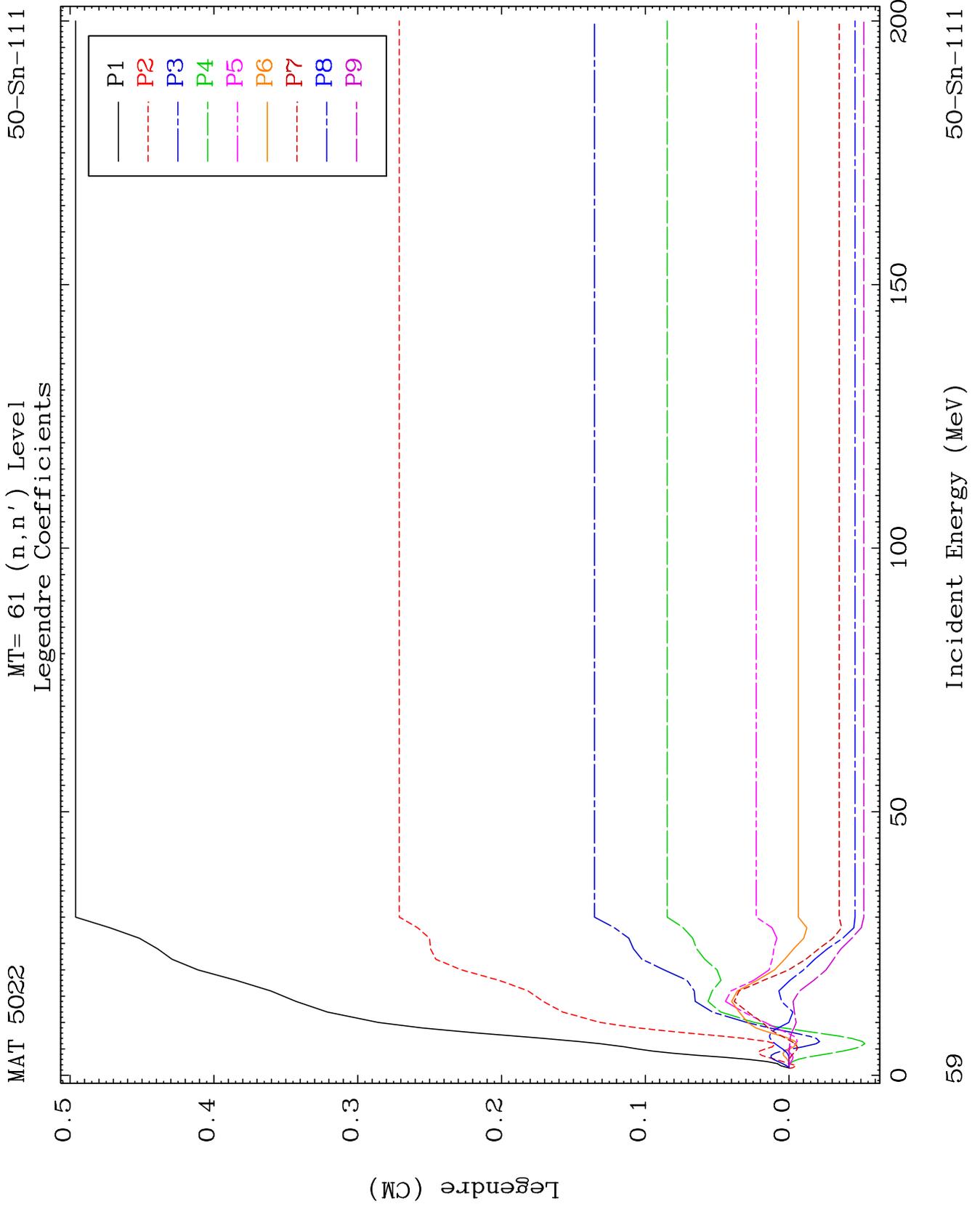
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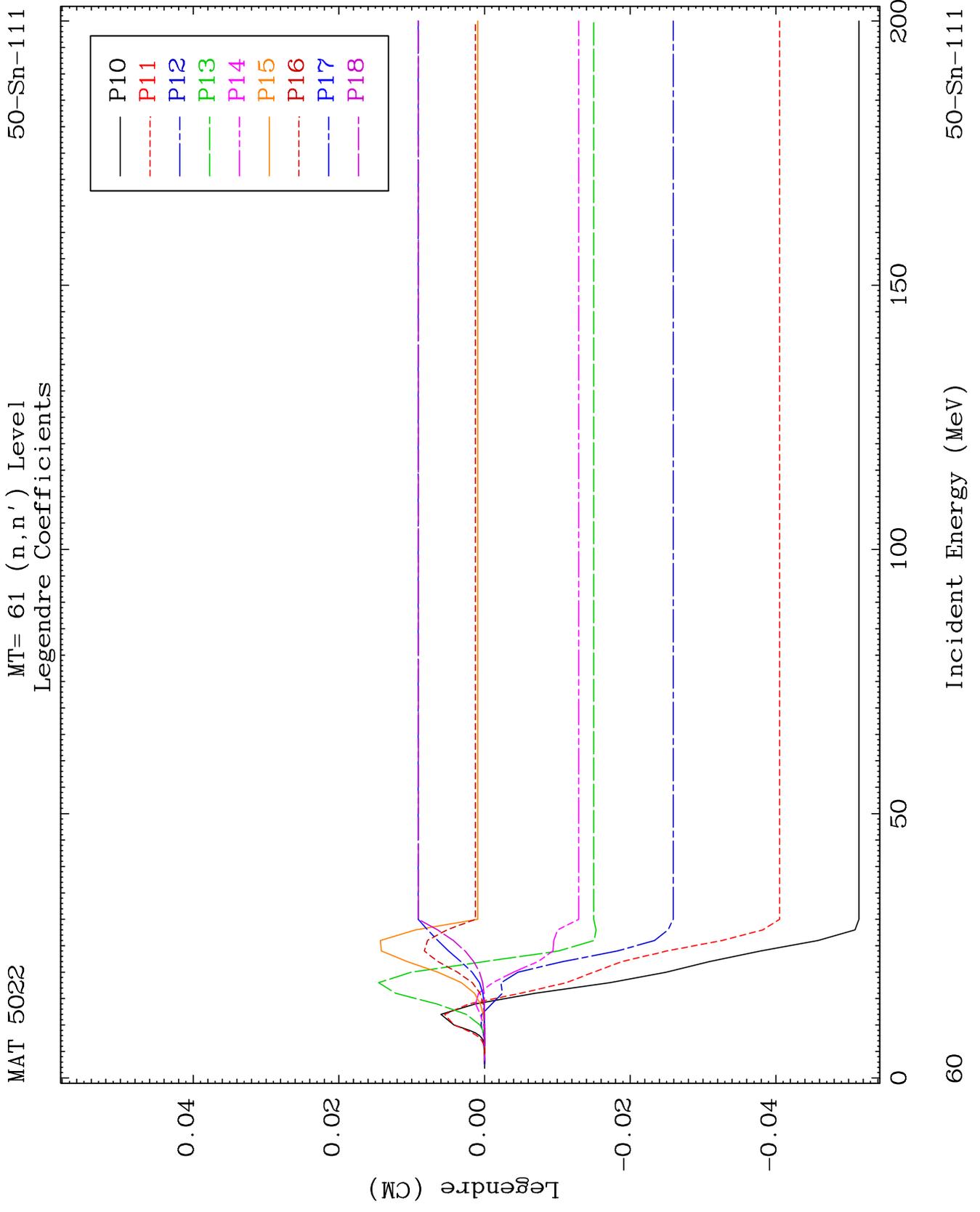
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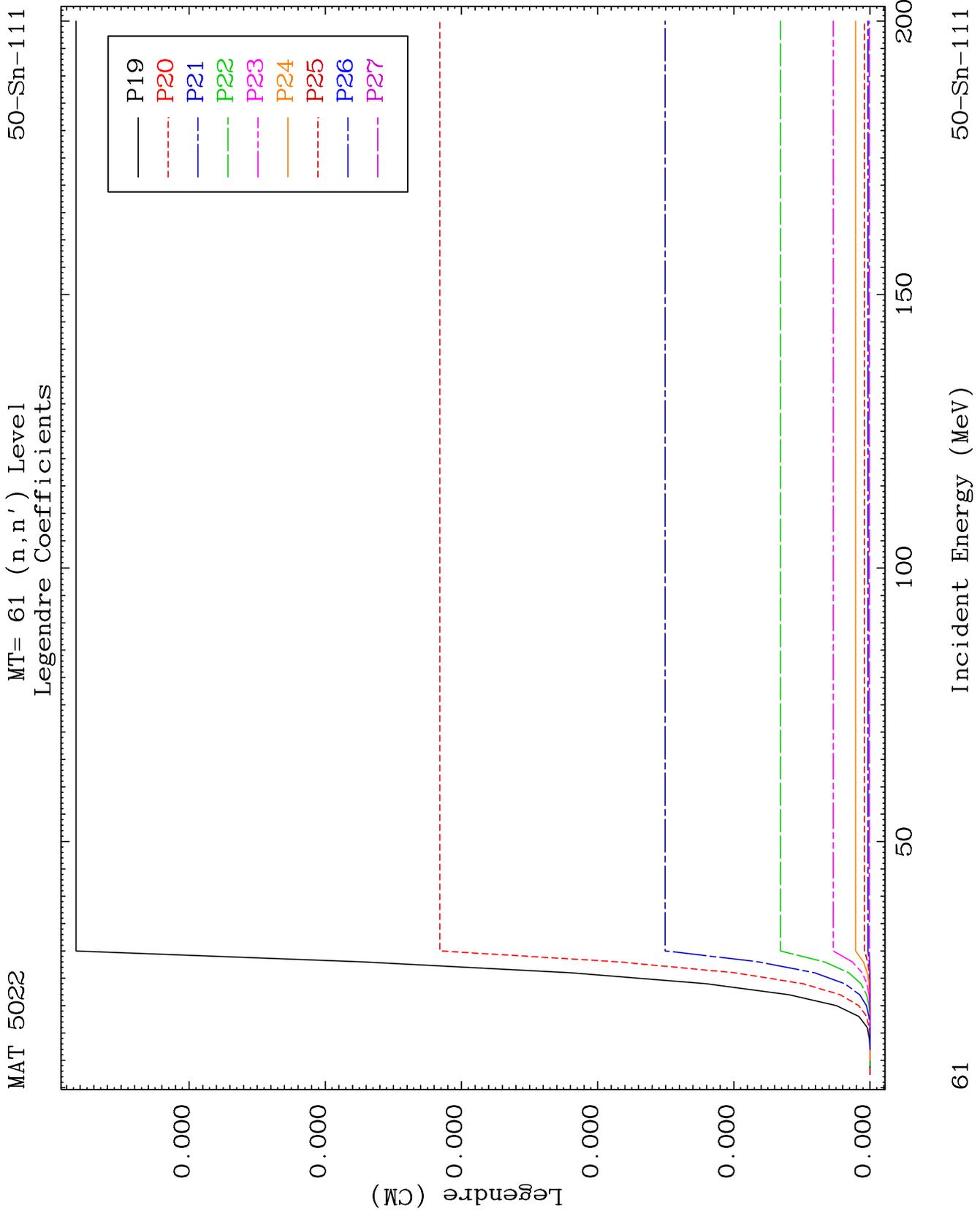
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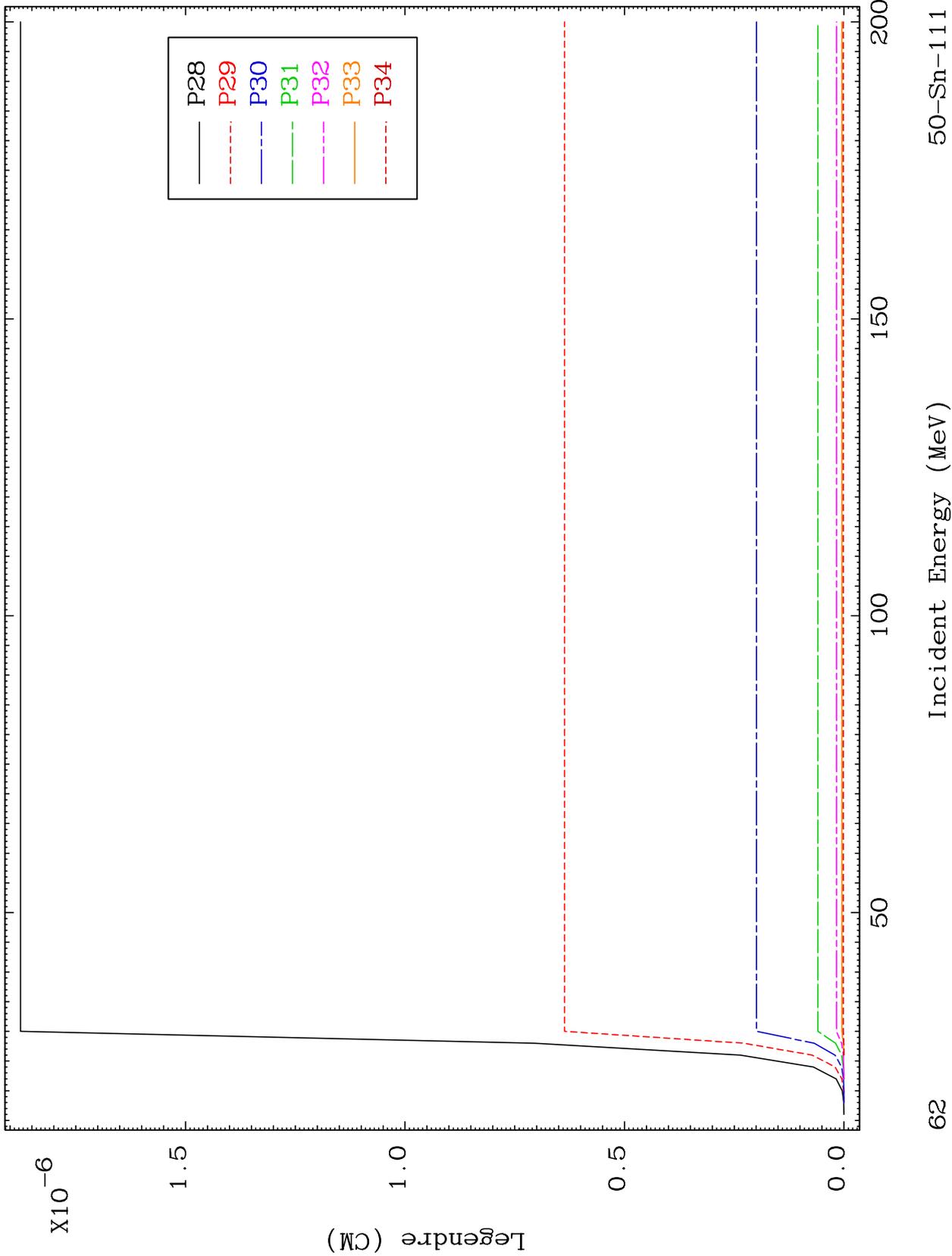




MAT 5022

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Legendre Coefficients

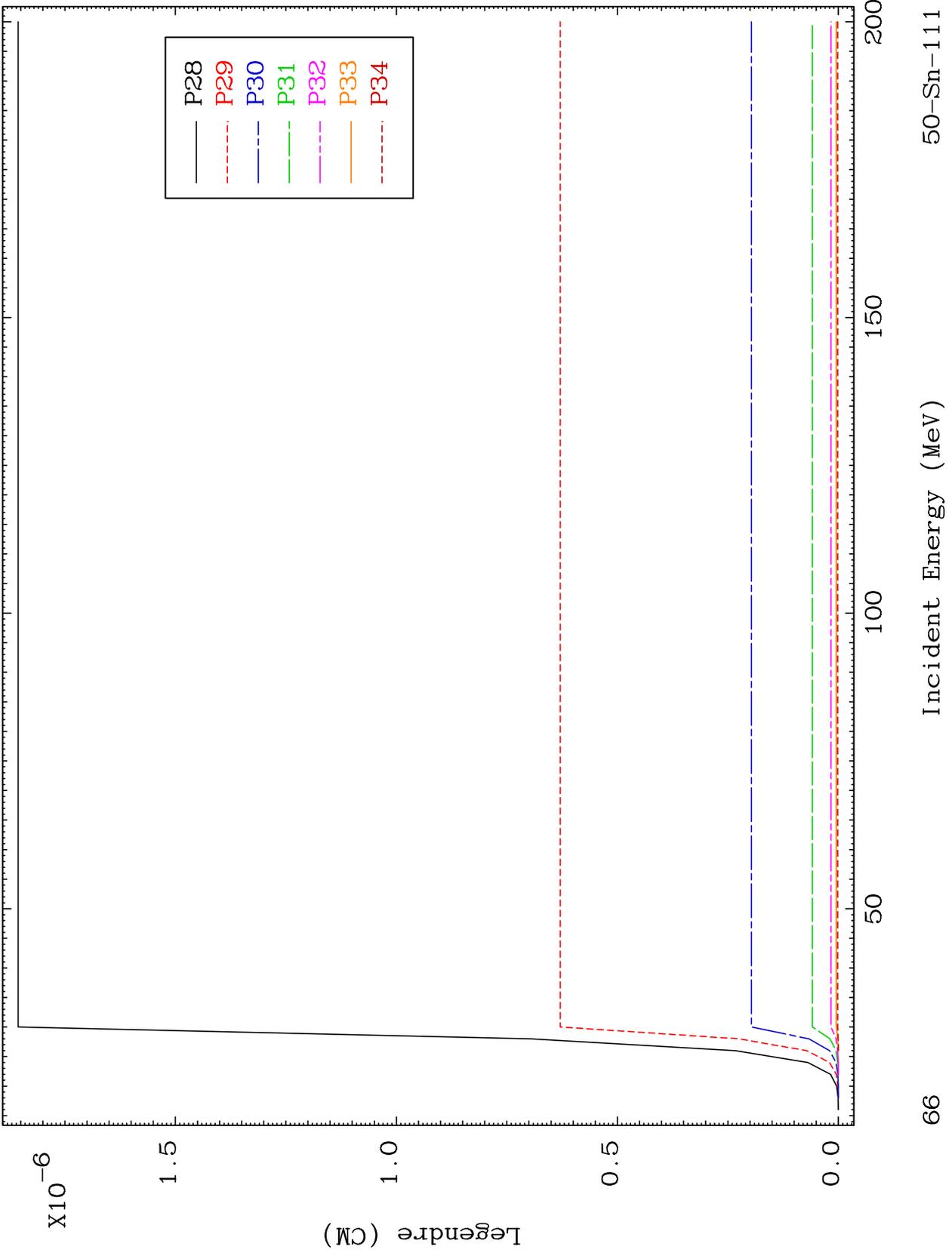
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MAT 5022

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

50-Sn-111



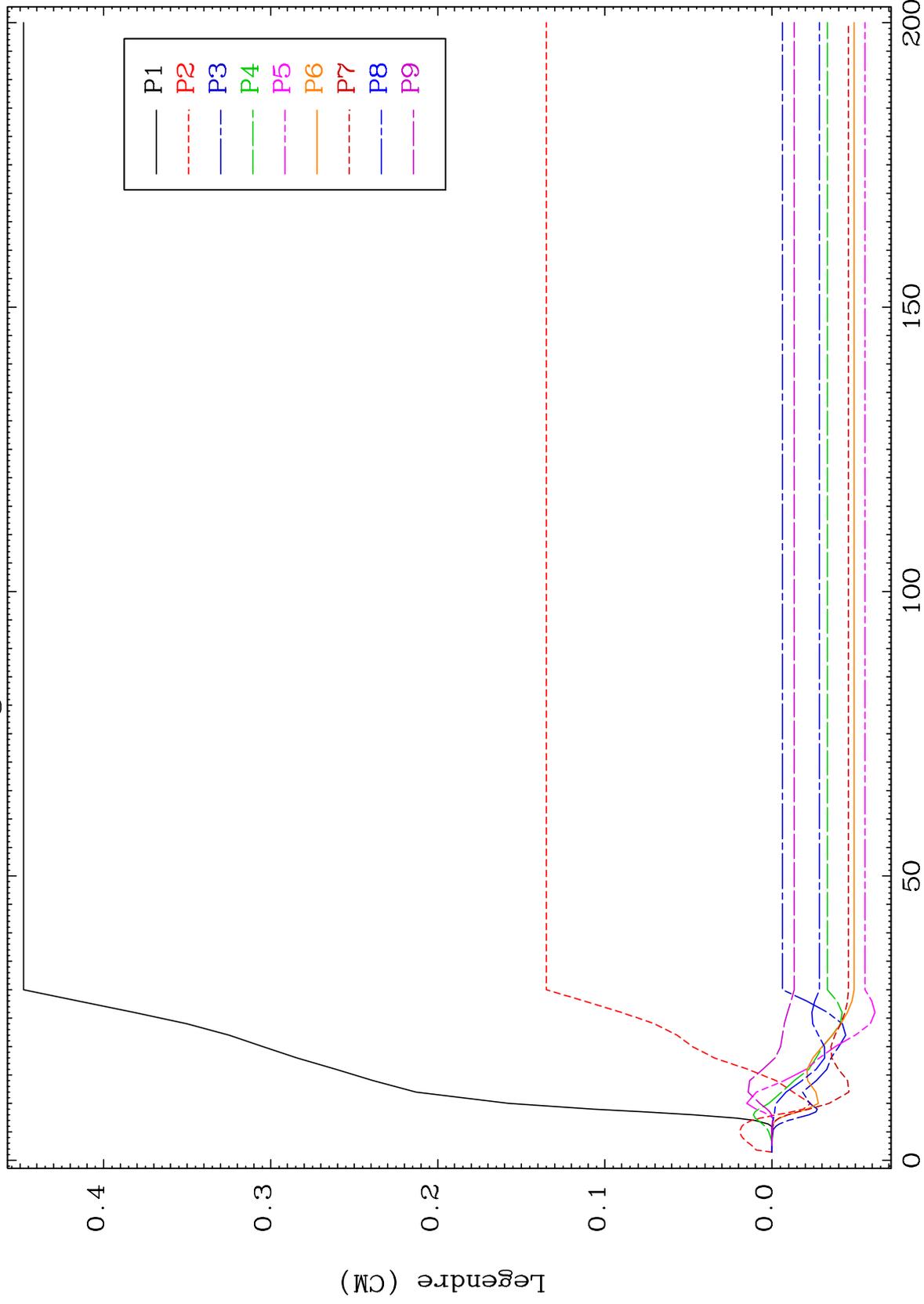
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50-Sn-111

MAT 5022

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

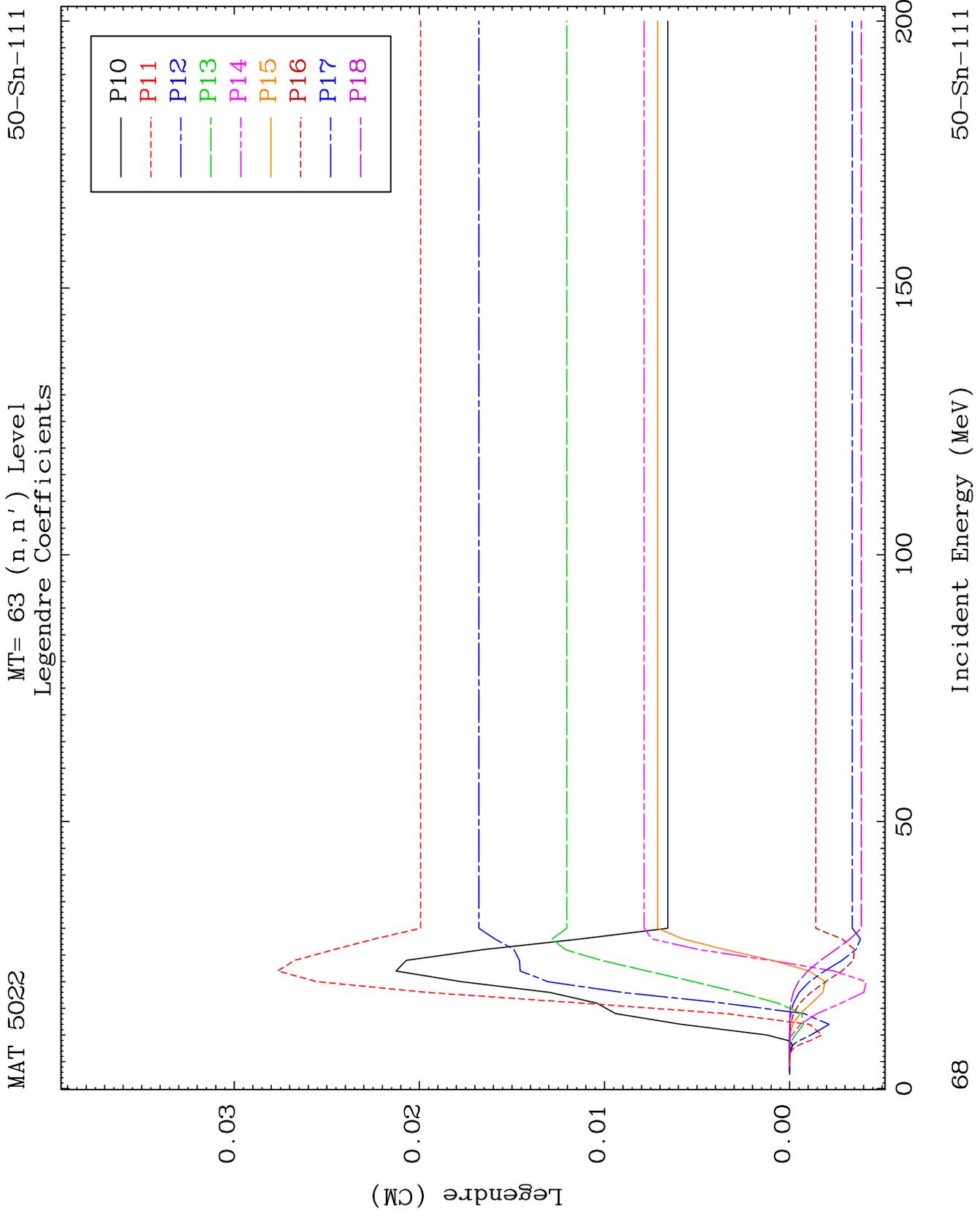
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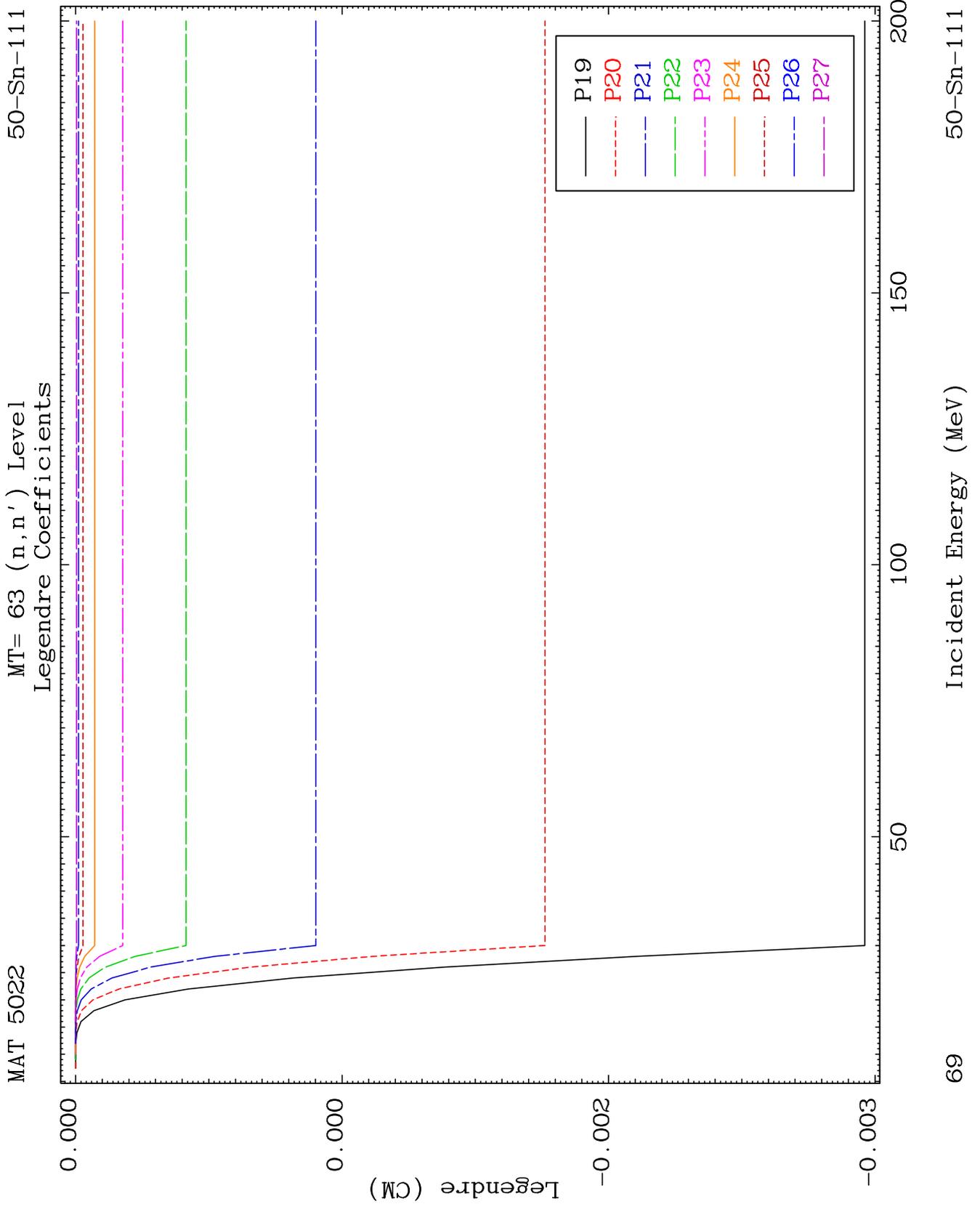


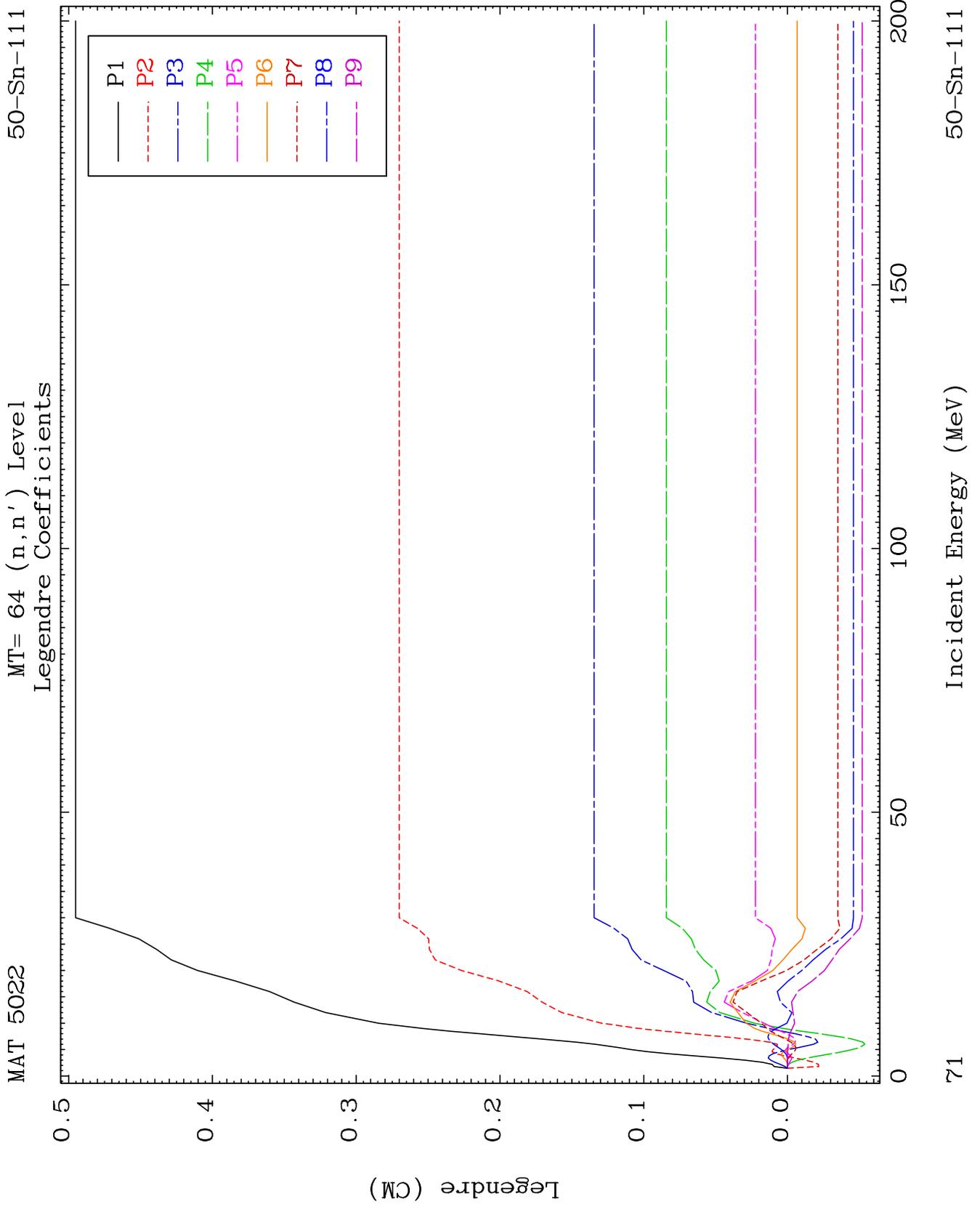
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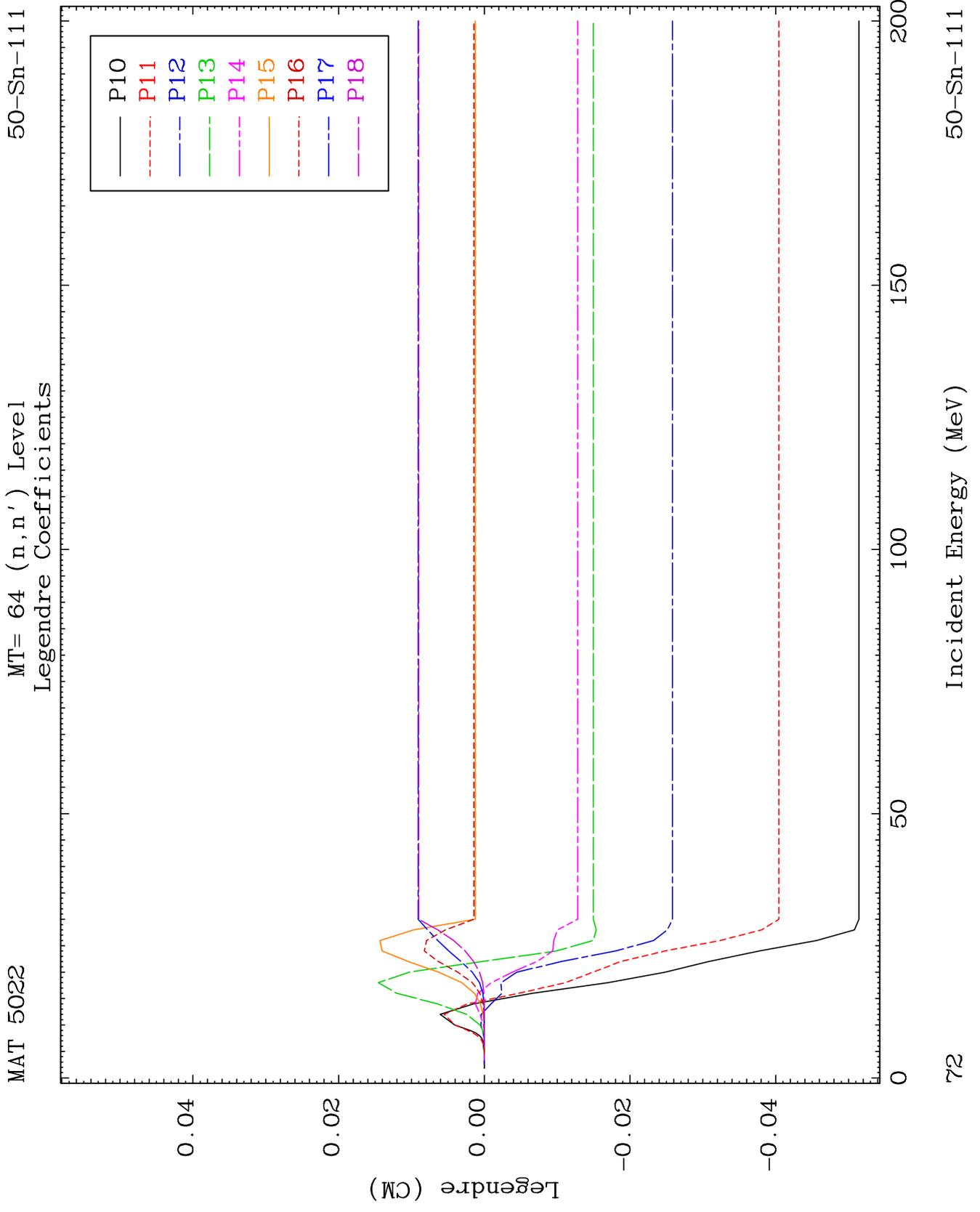
Incident Energy (MeV)

67





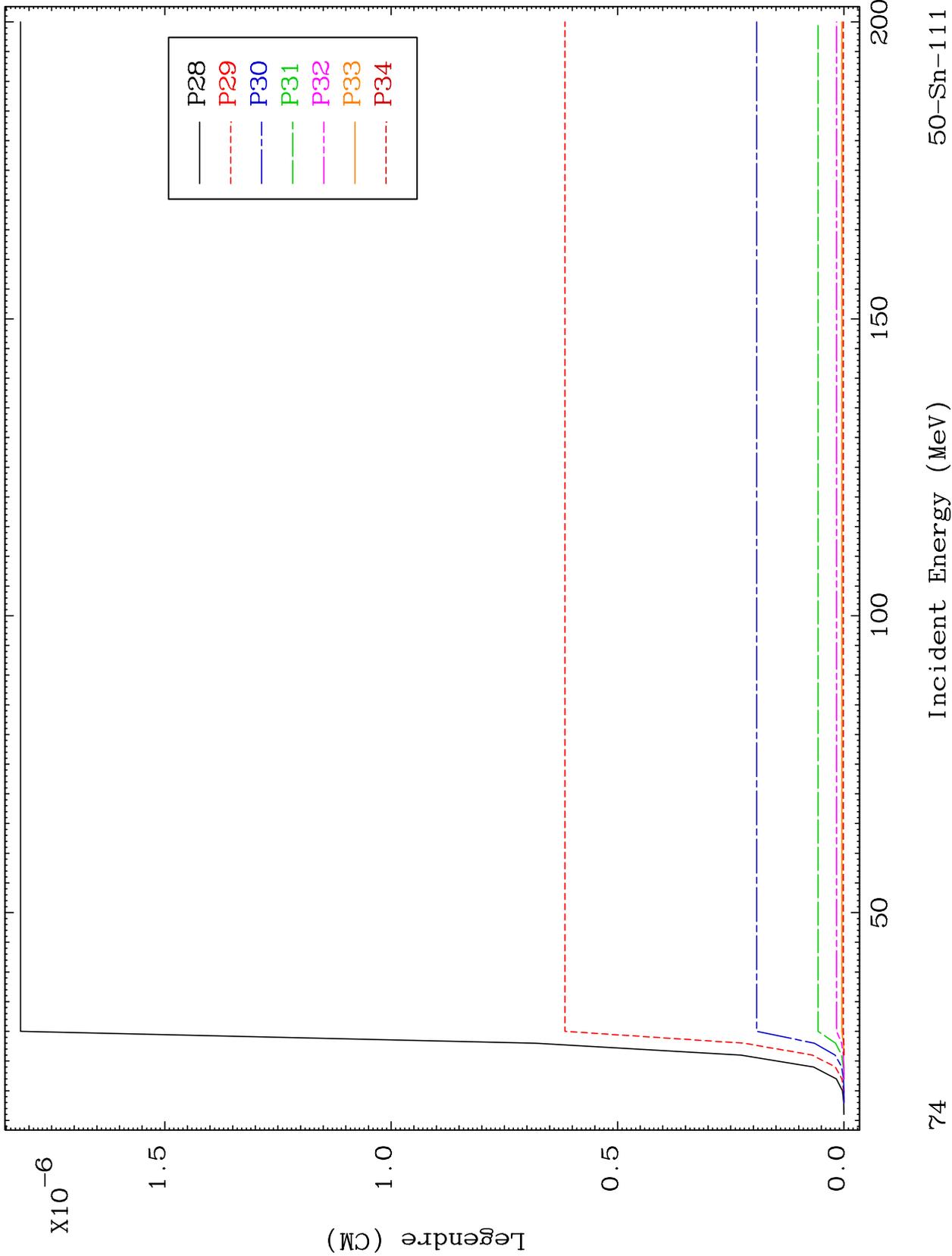




MAT 5022

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

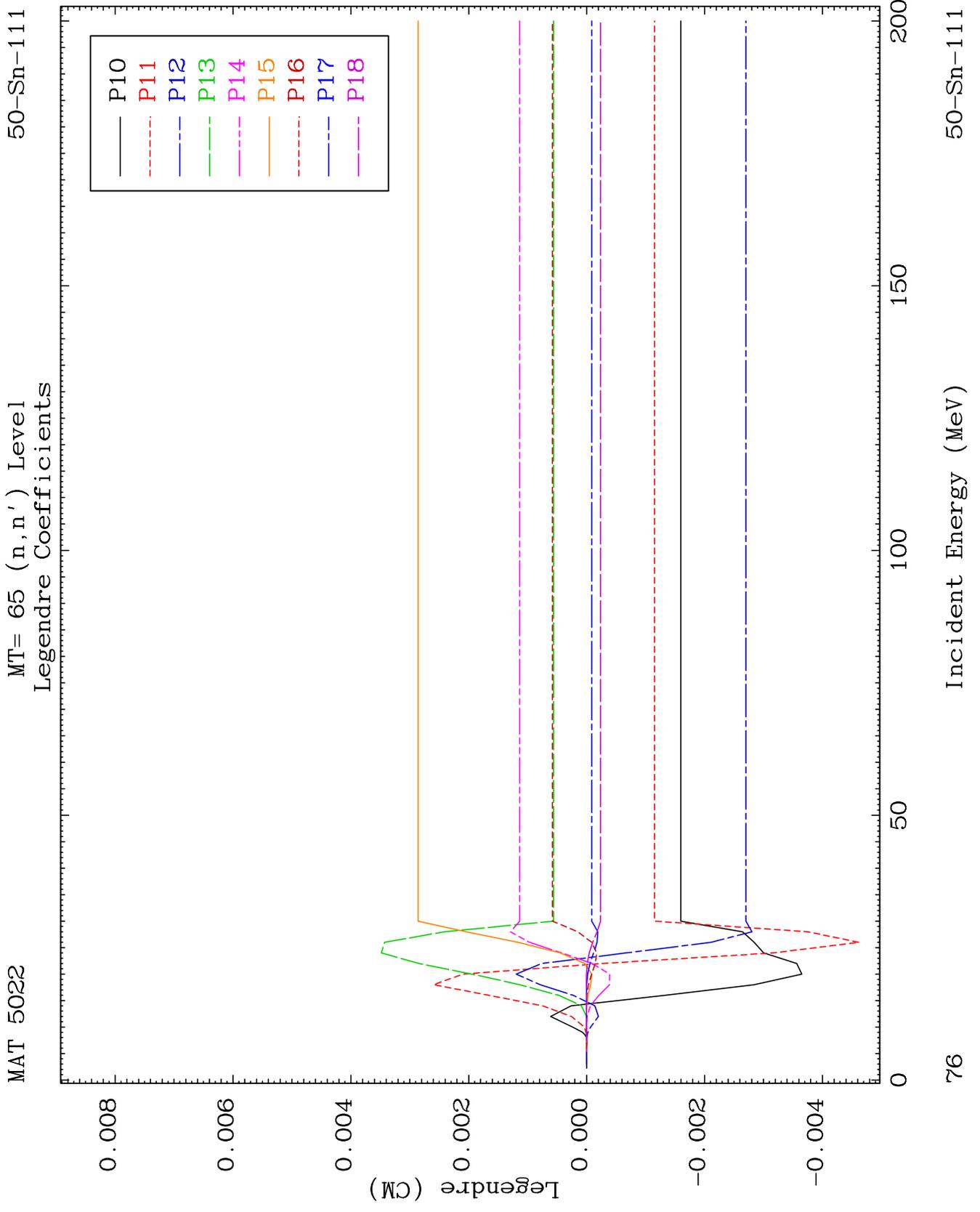
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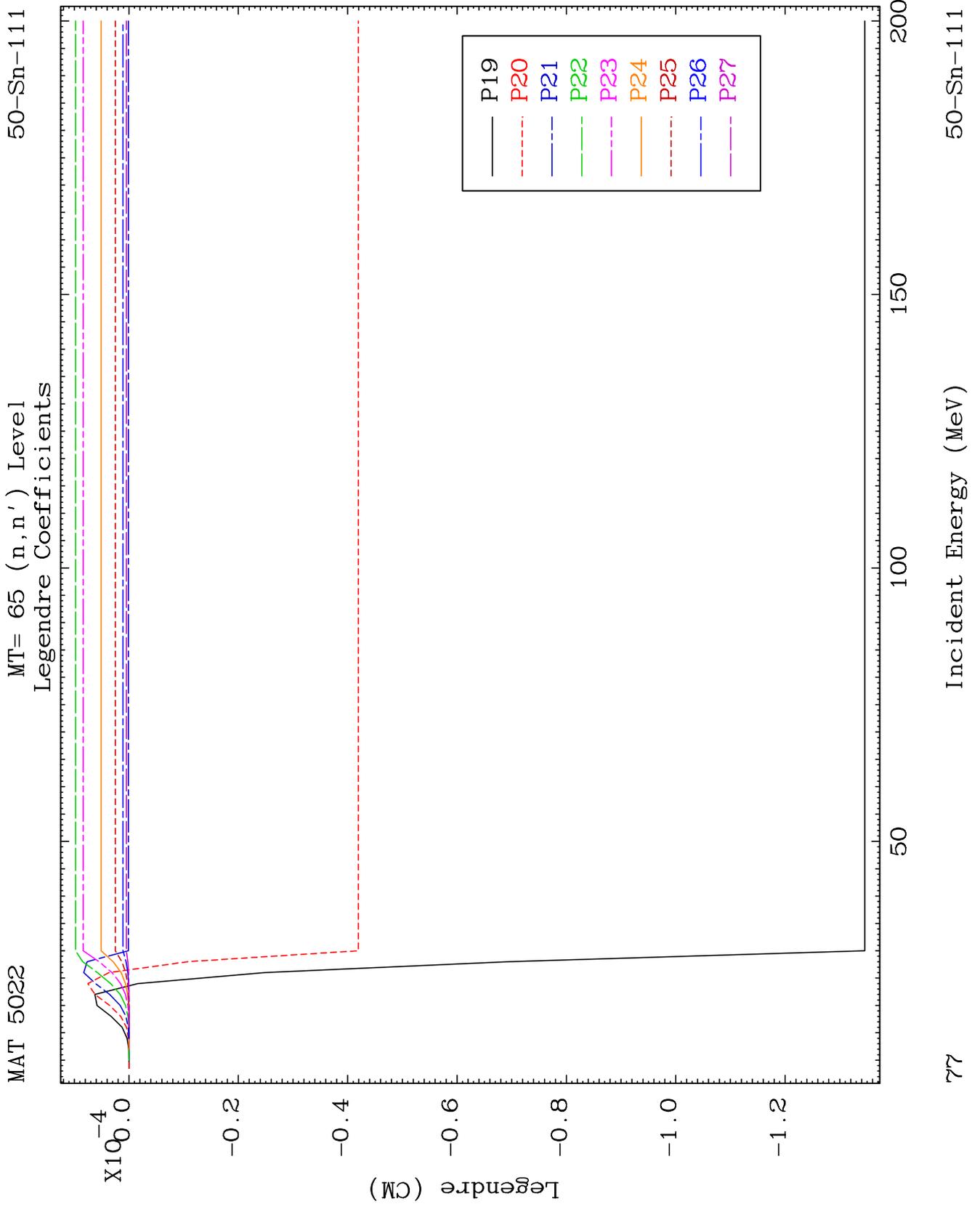


74

Incident Energy (MeV)

50-Sn-111

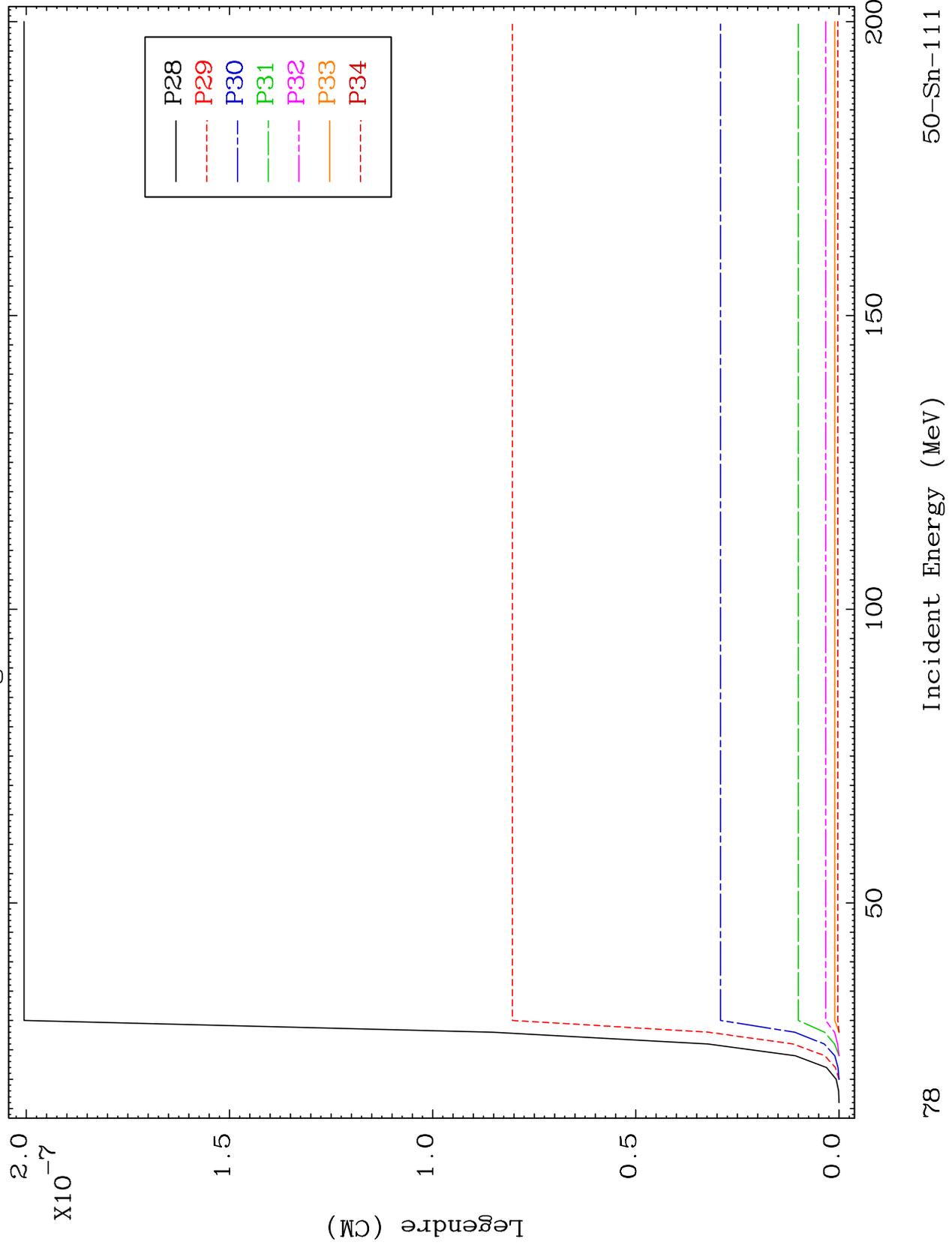




MAT 5022

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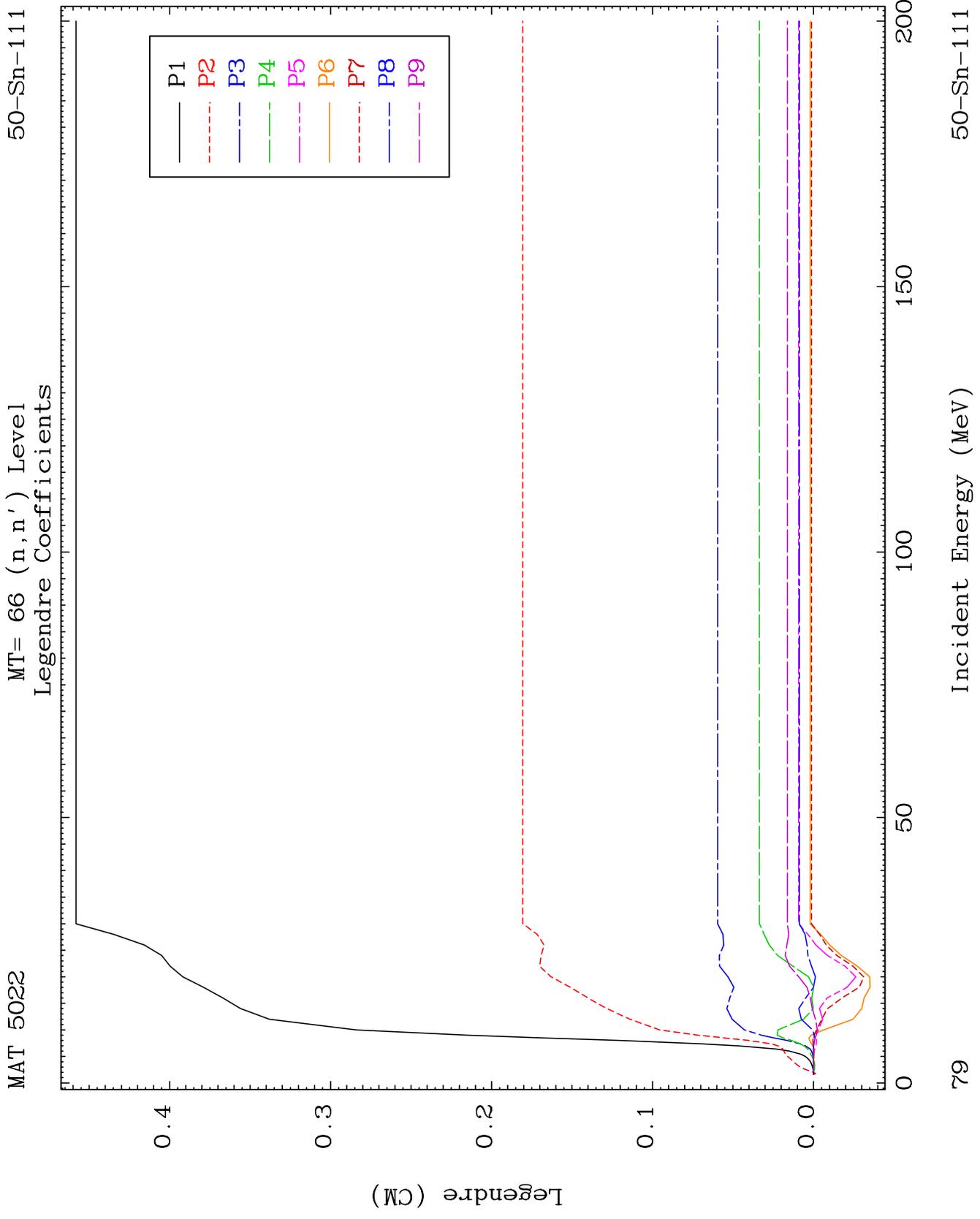
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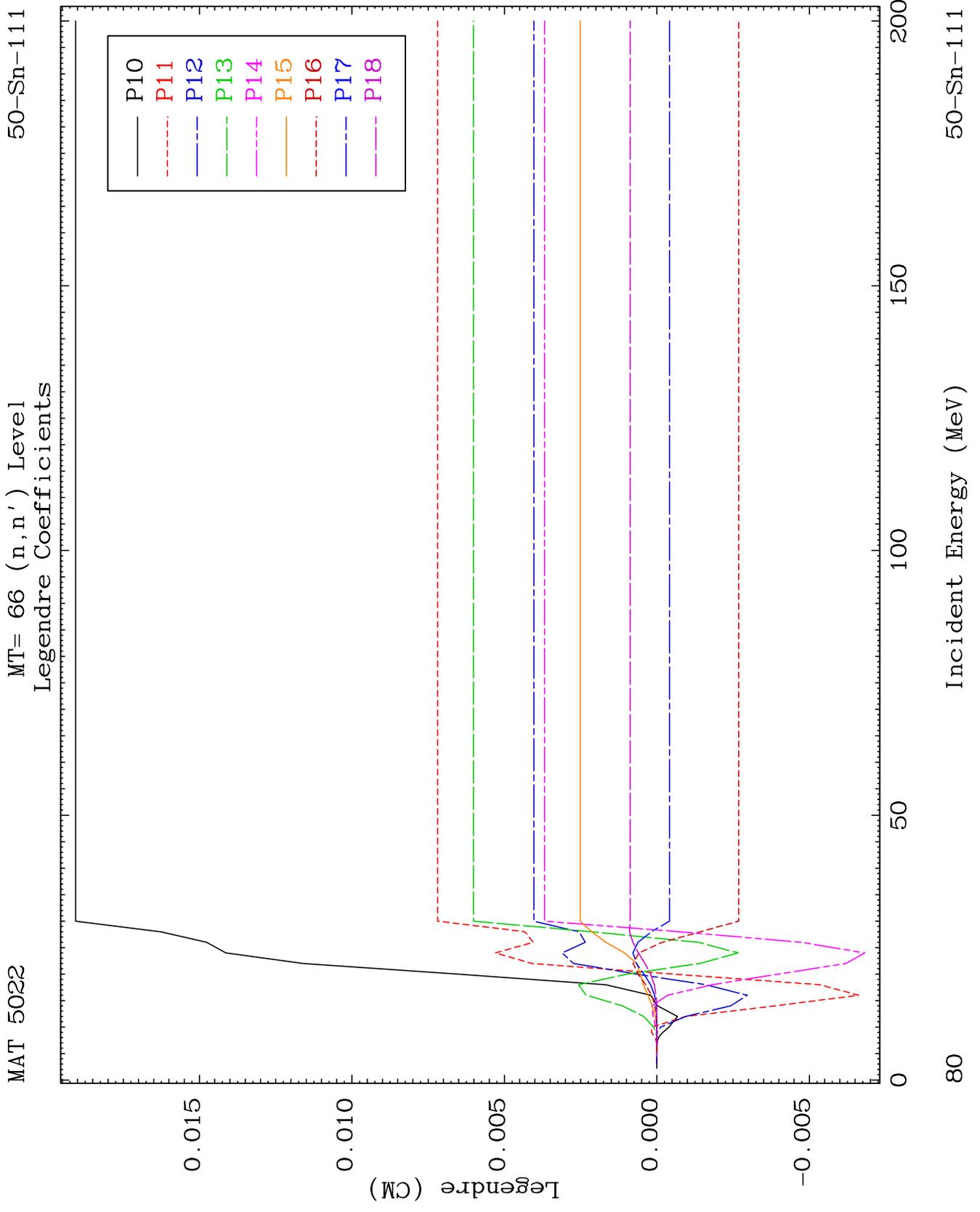


78

Incident Energy (MeV)

50-Sn-111

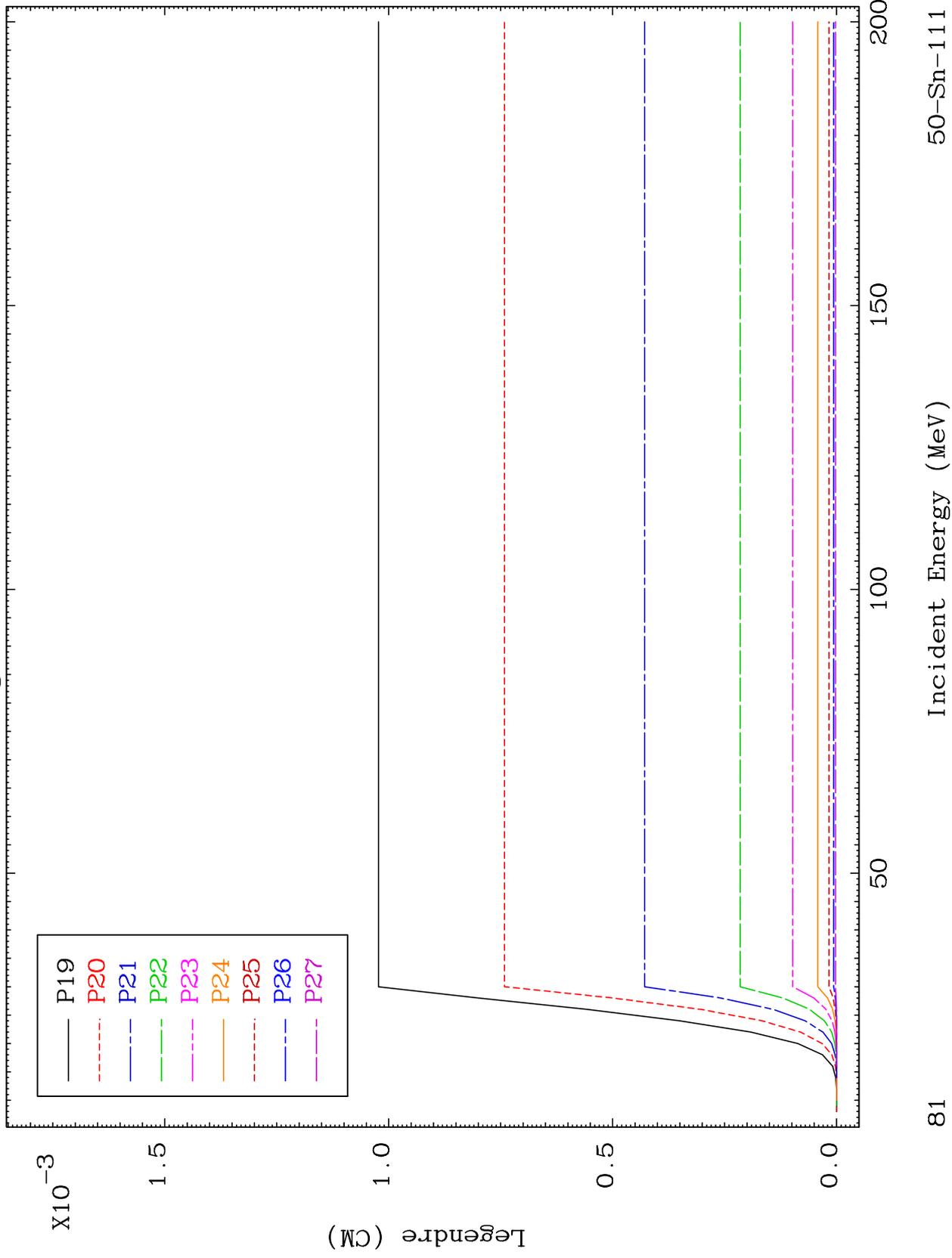




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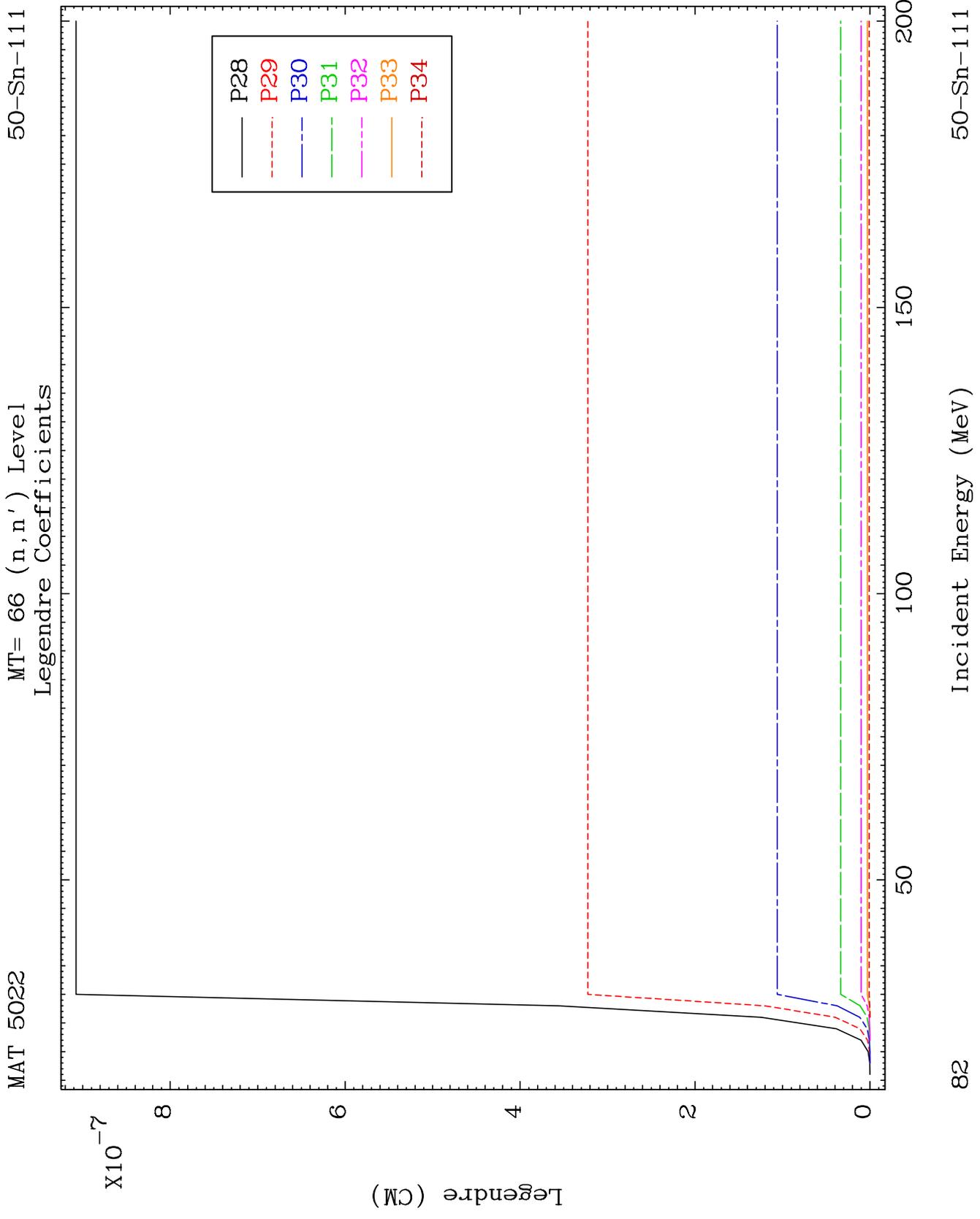
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Legendre Coefficients

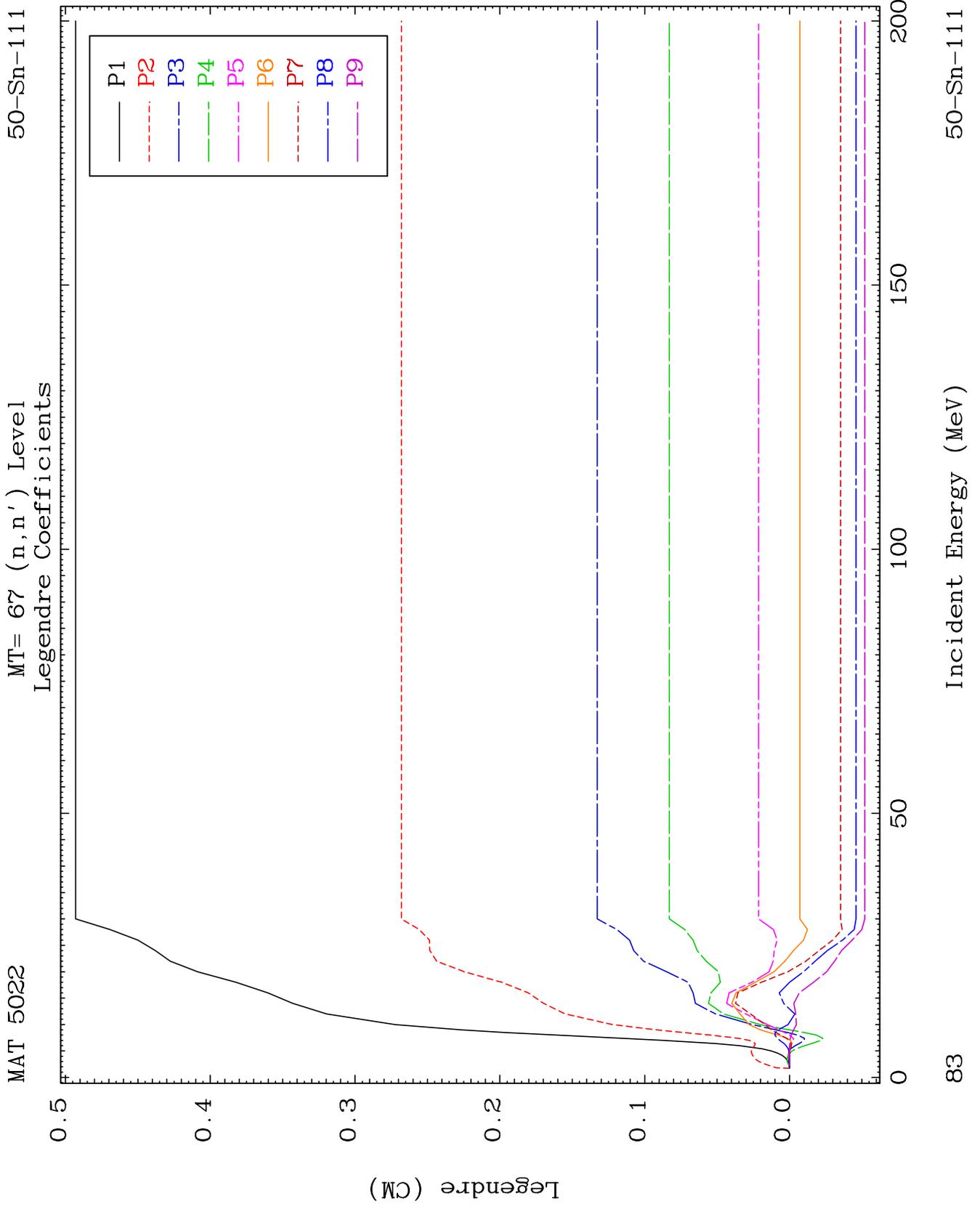
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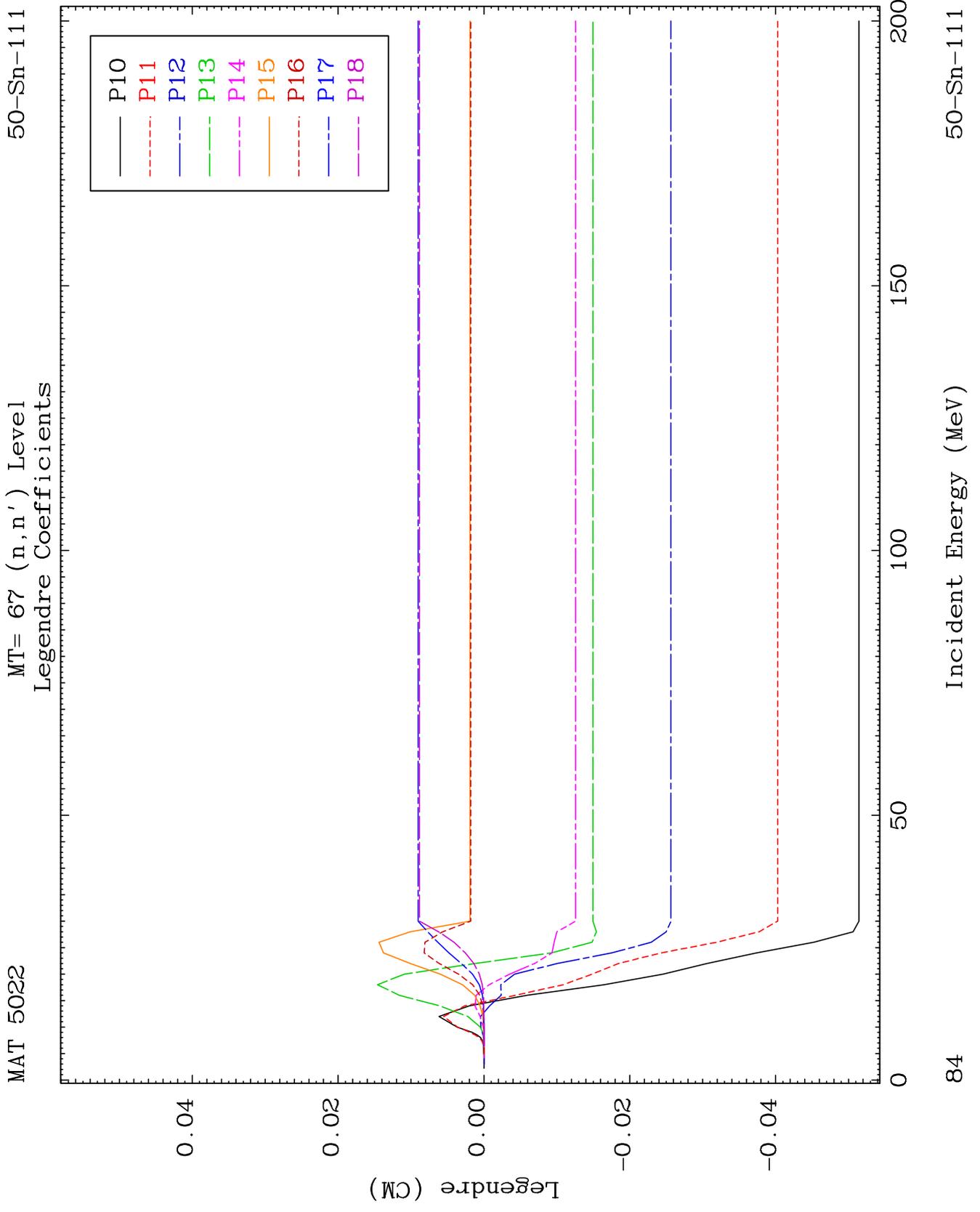


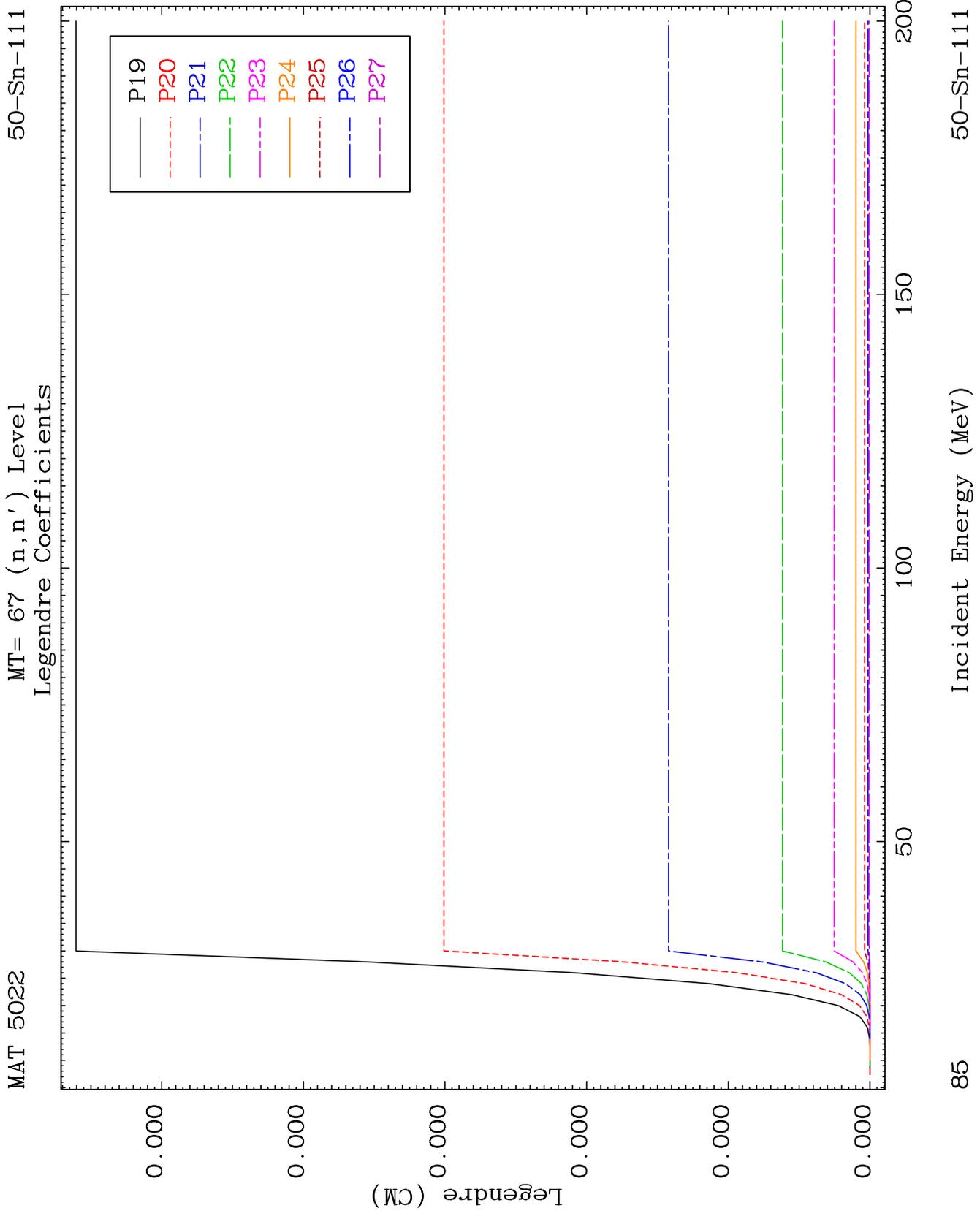
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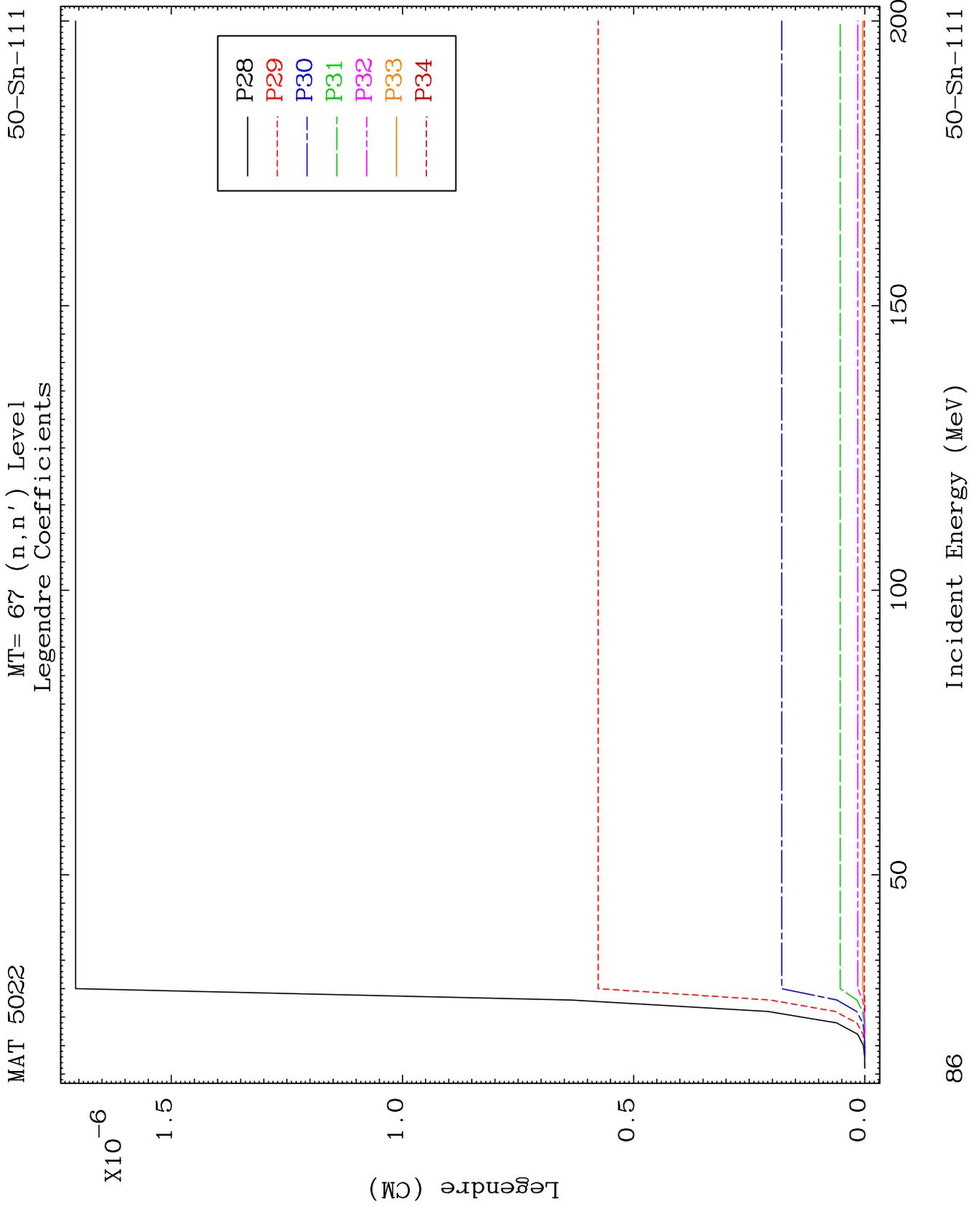
50-Sn-111







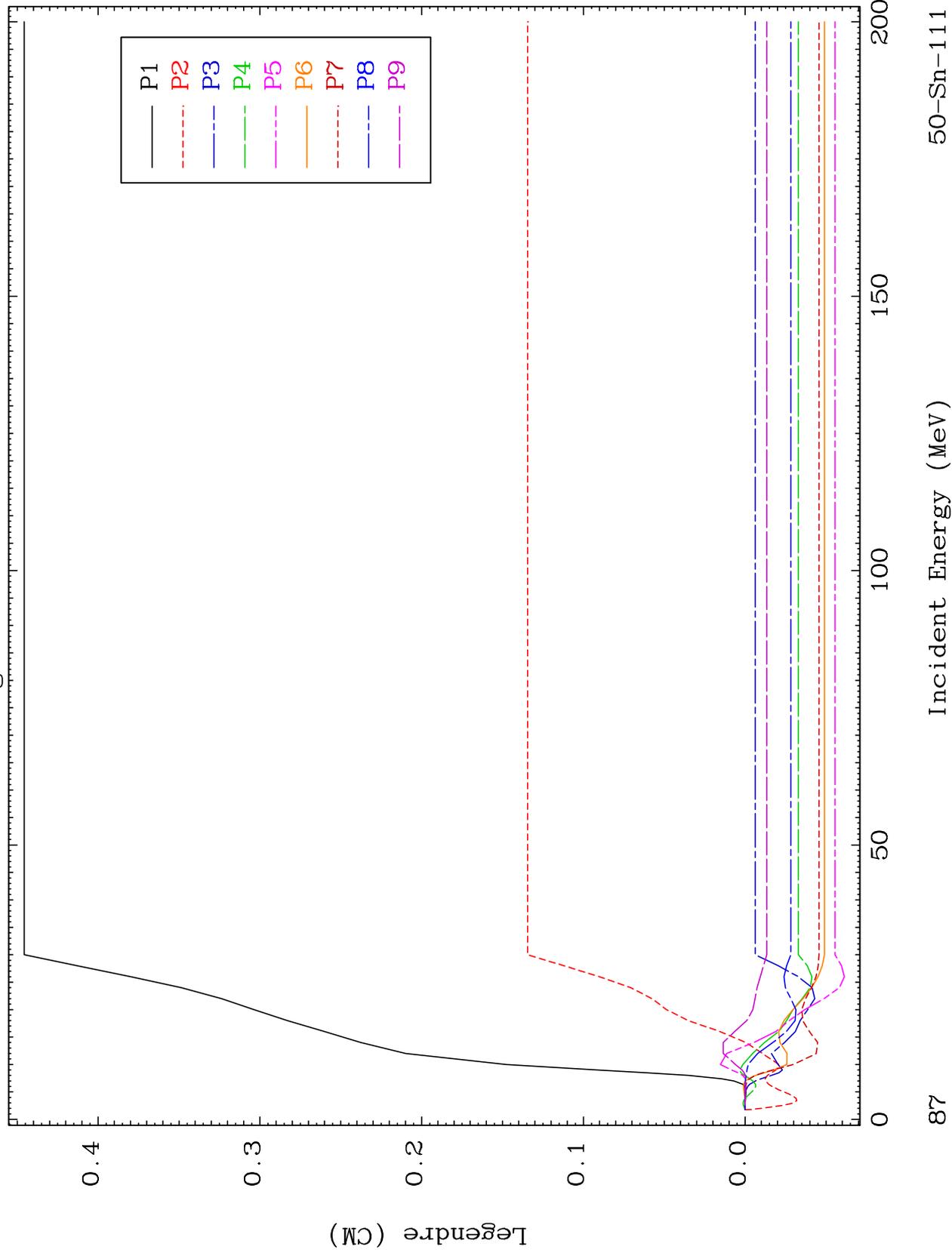


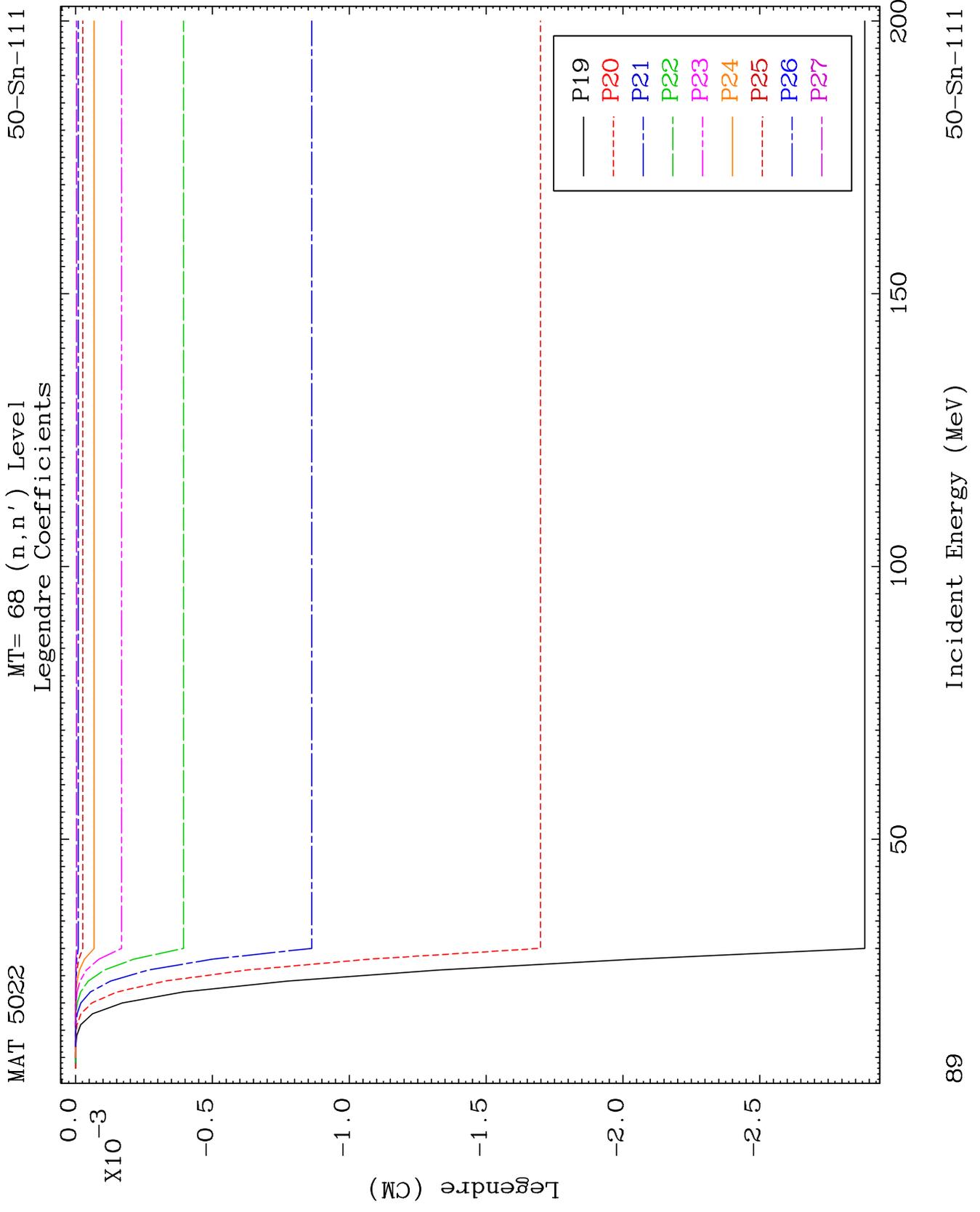


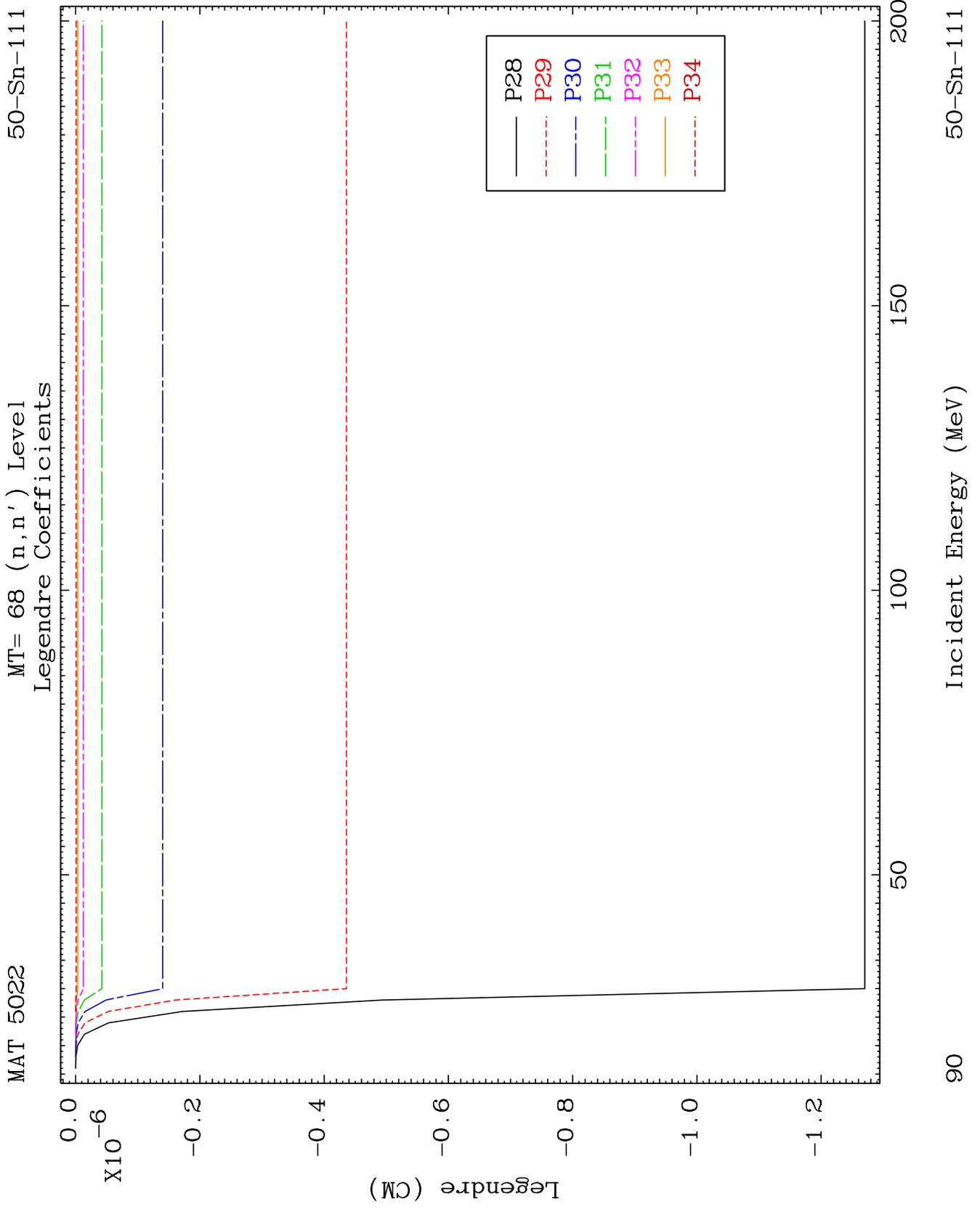
MAT 5022

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

50-Sn-111



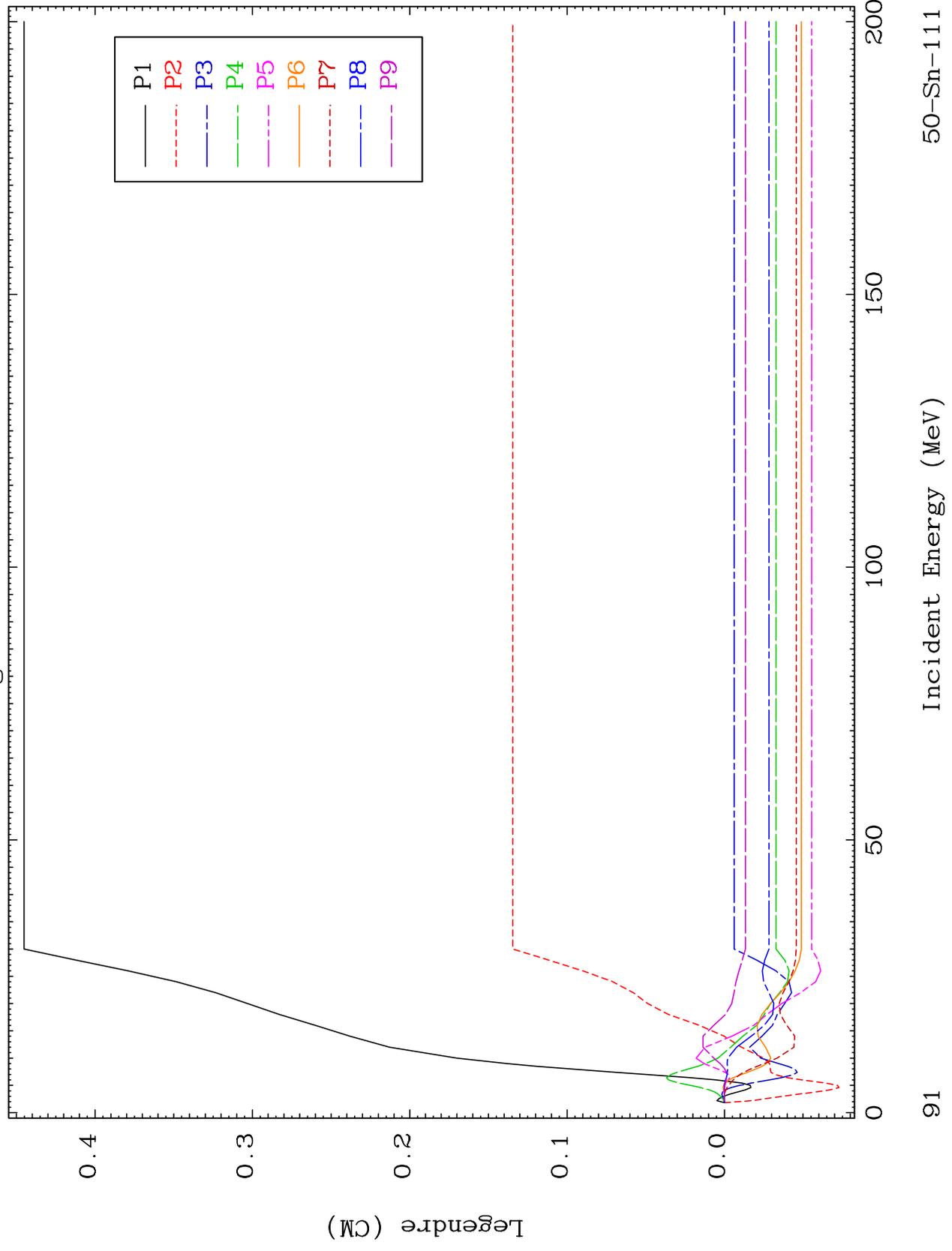


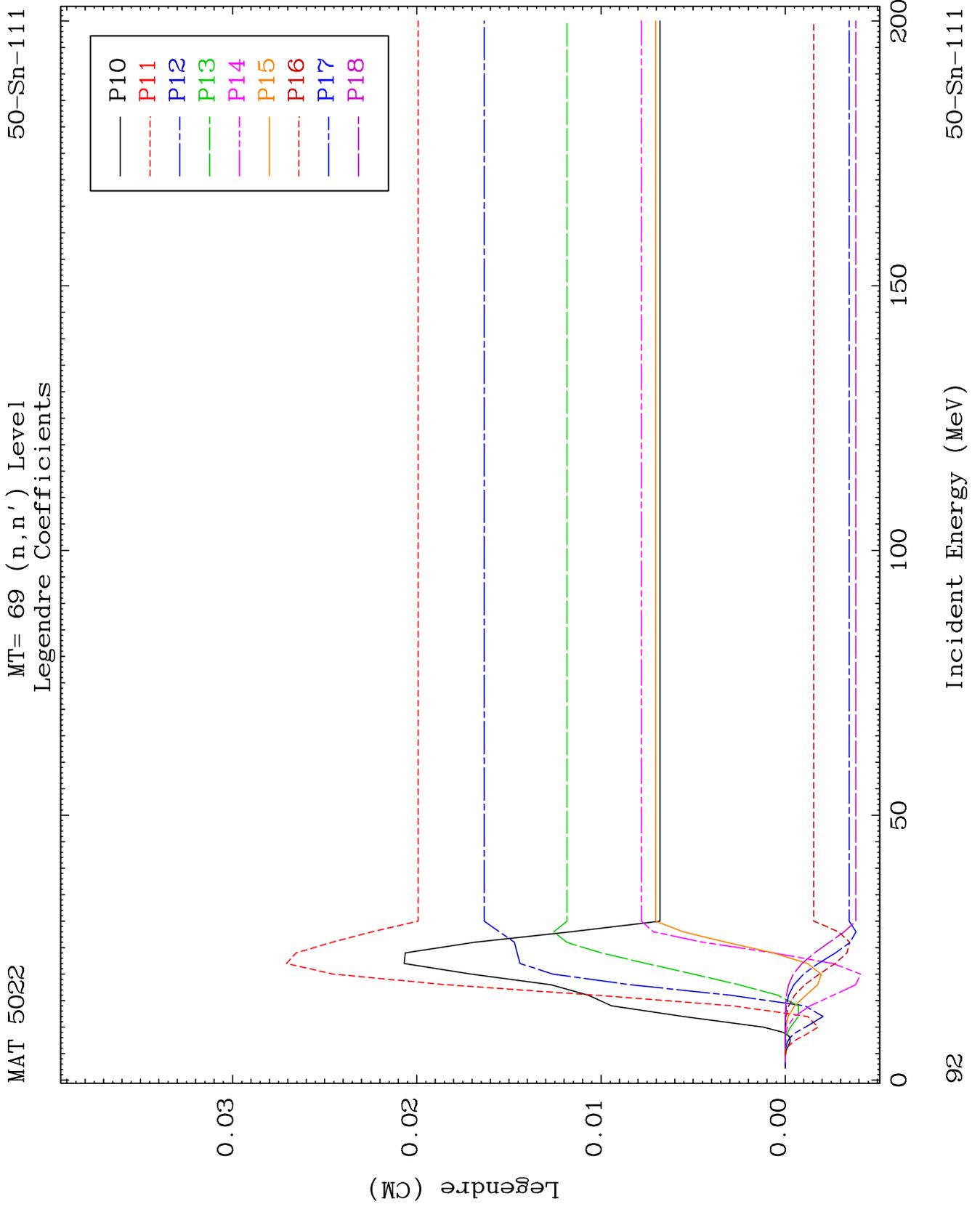


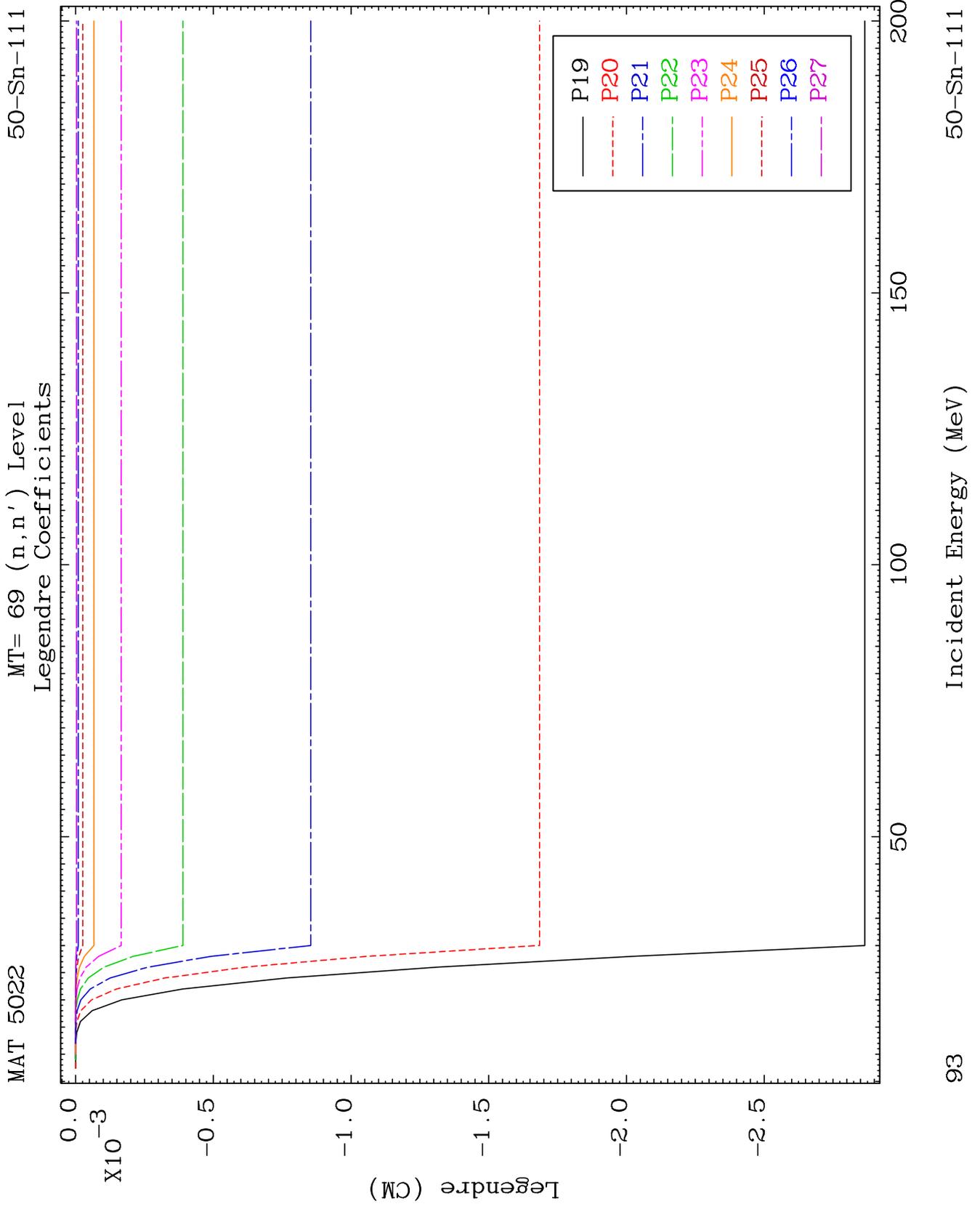
MAT 5022

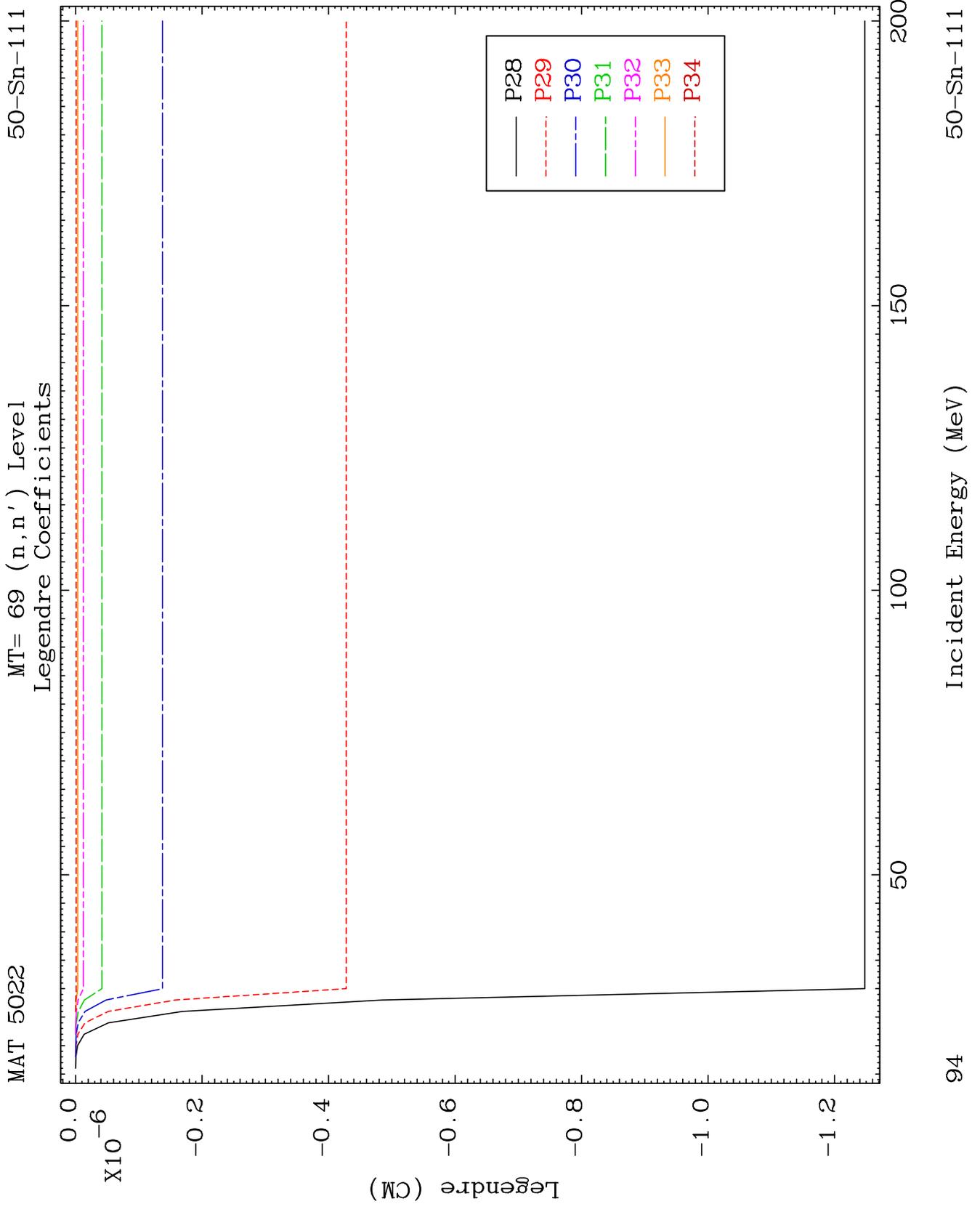
MT= 69 (n,n') Level
Legendre Coefficients

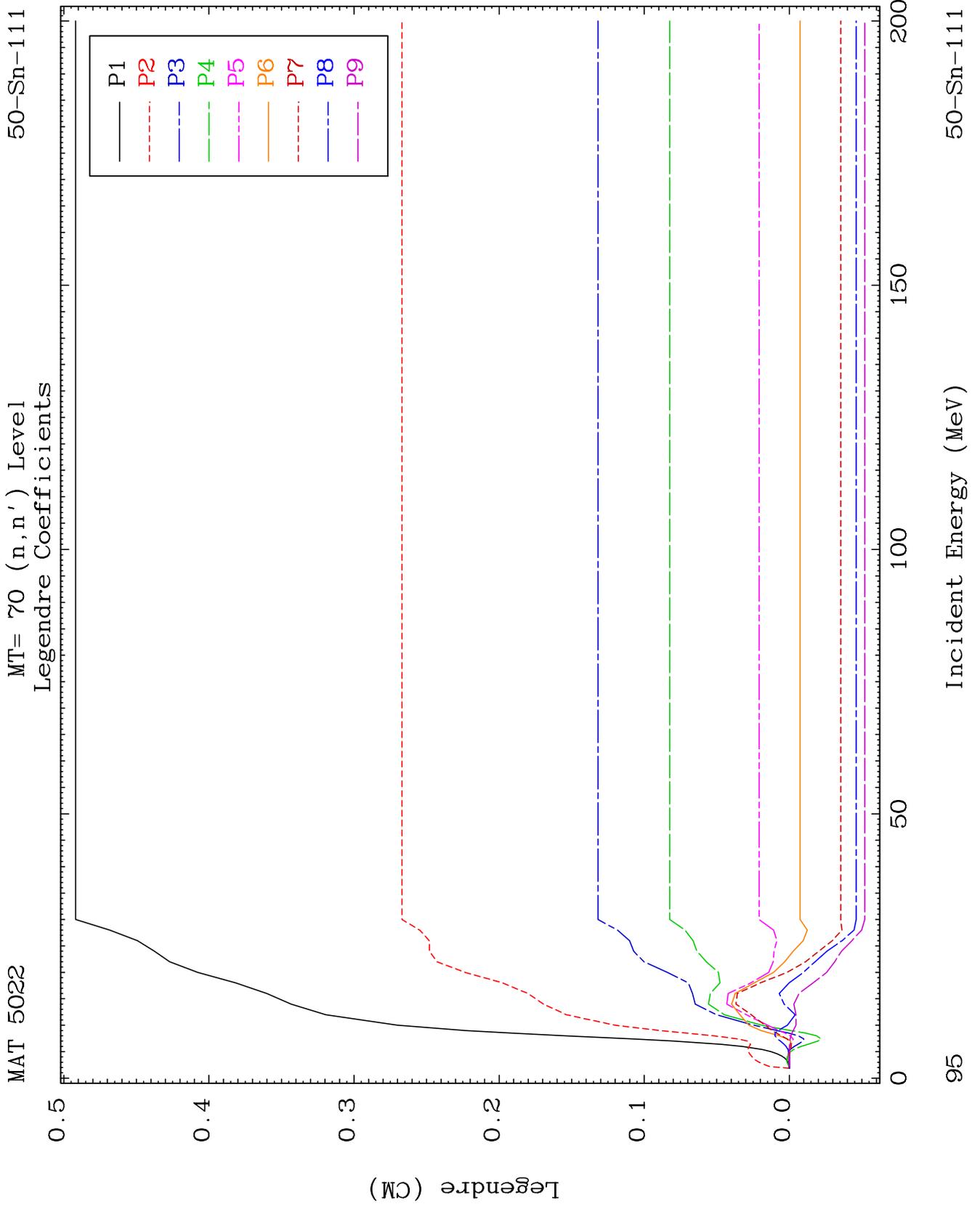
50-Sn-111

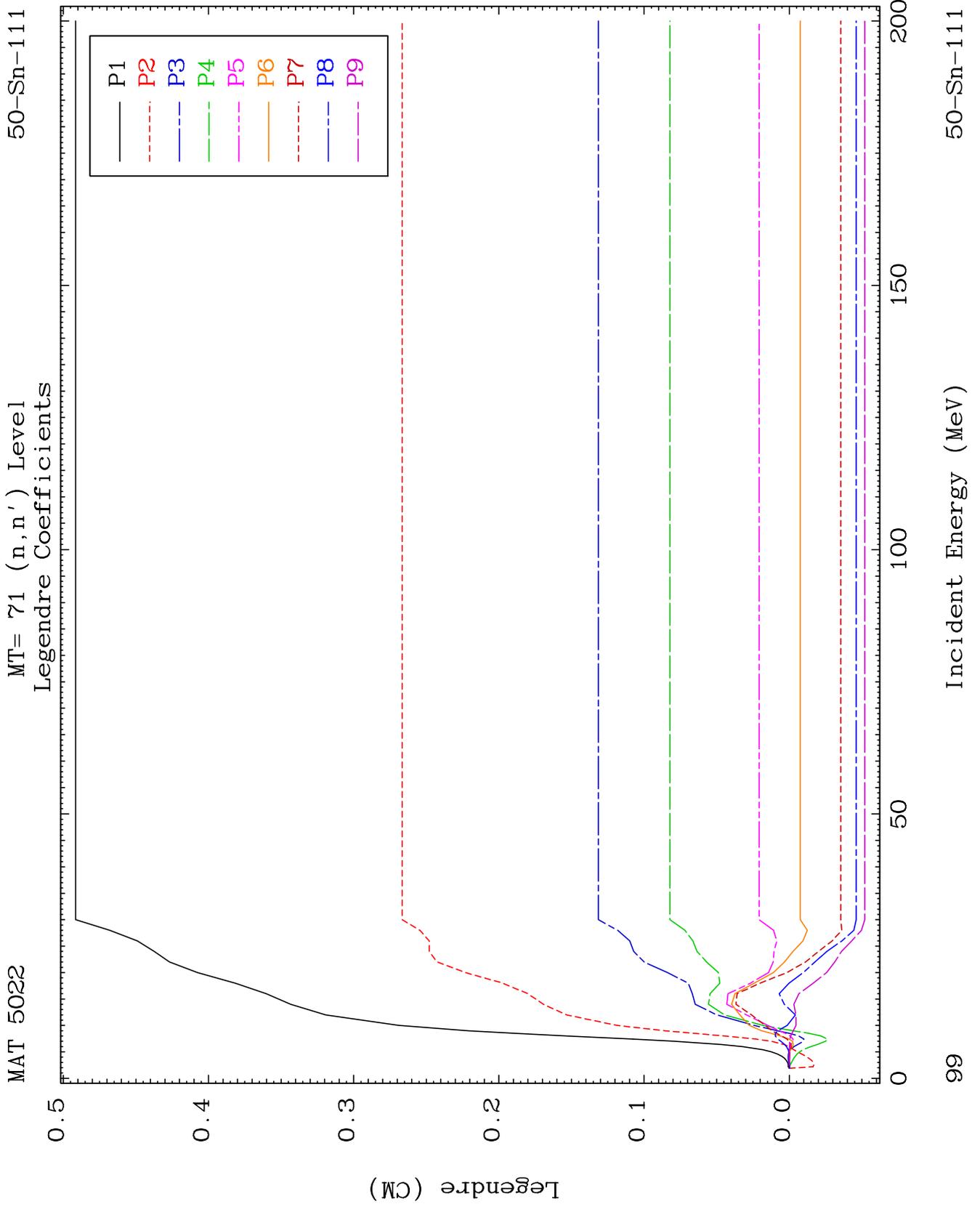


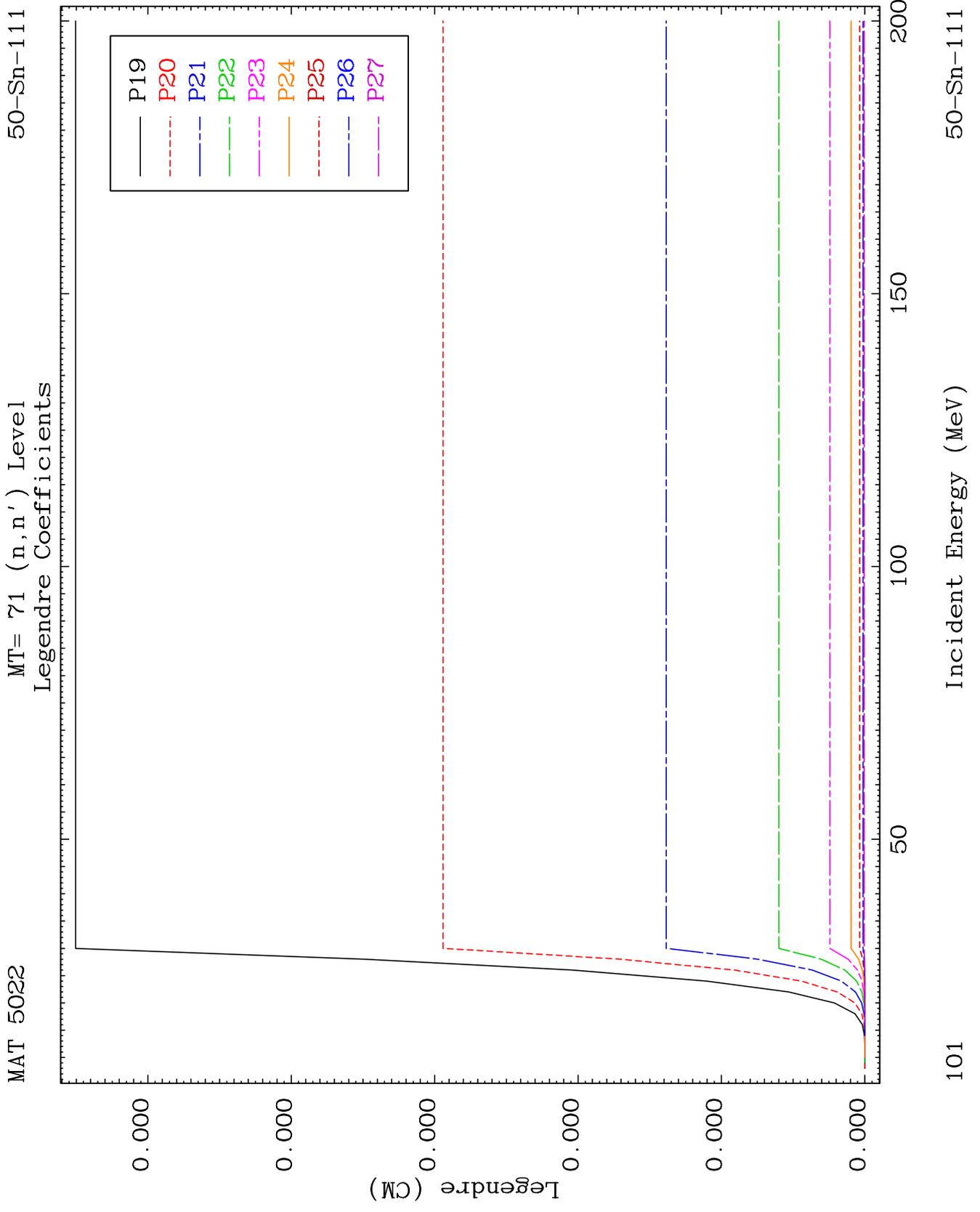


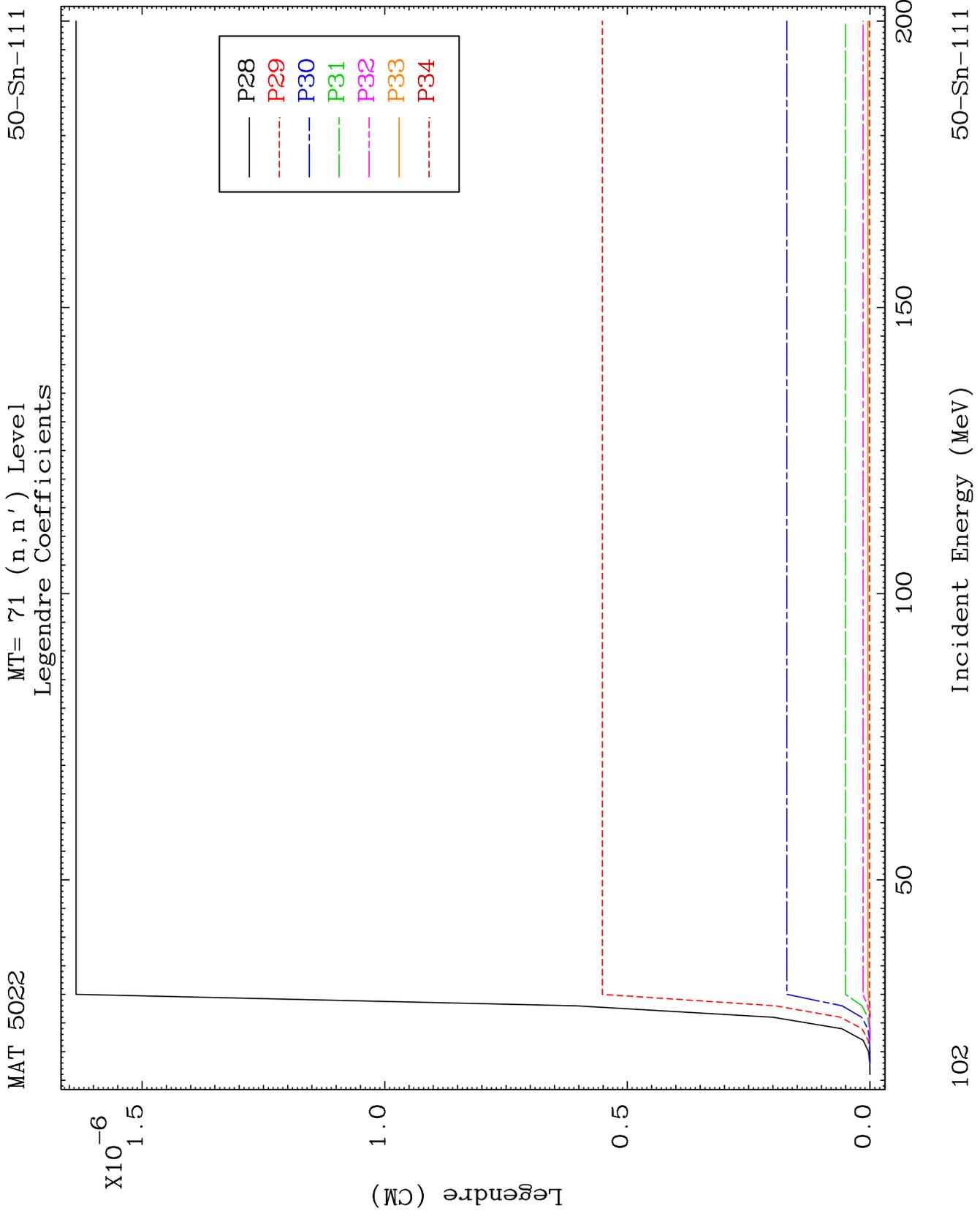


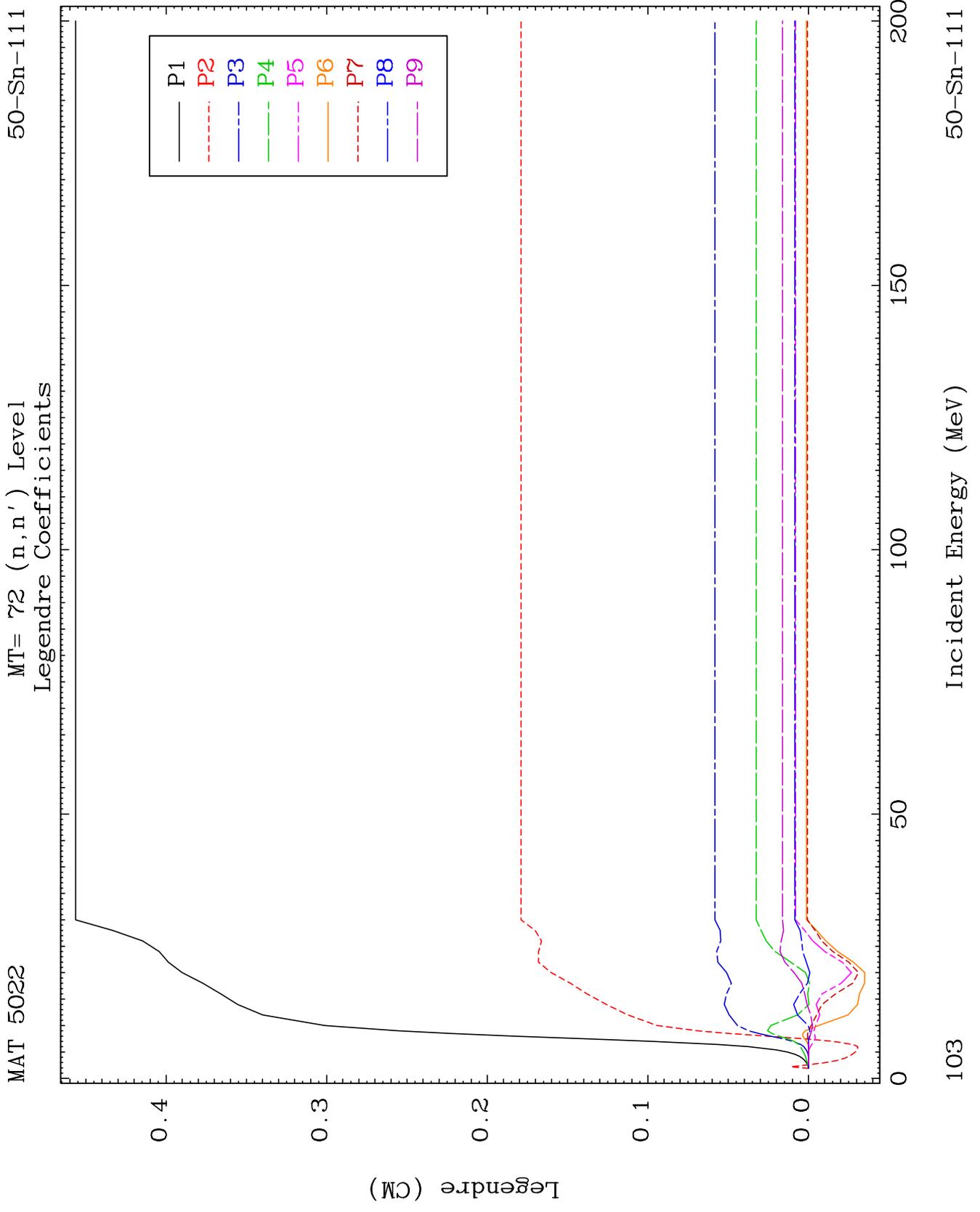








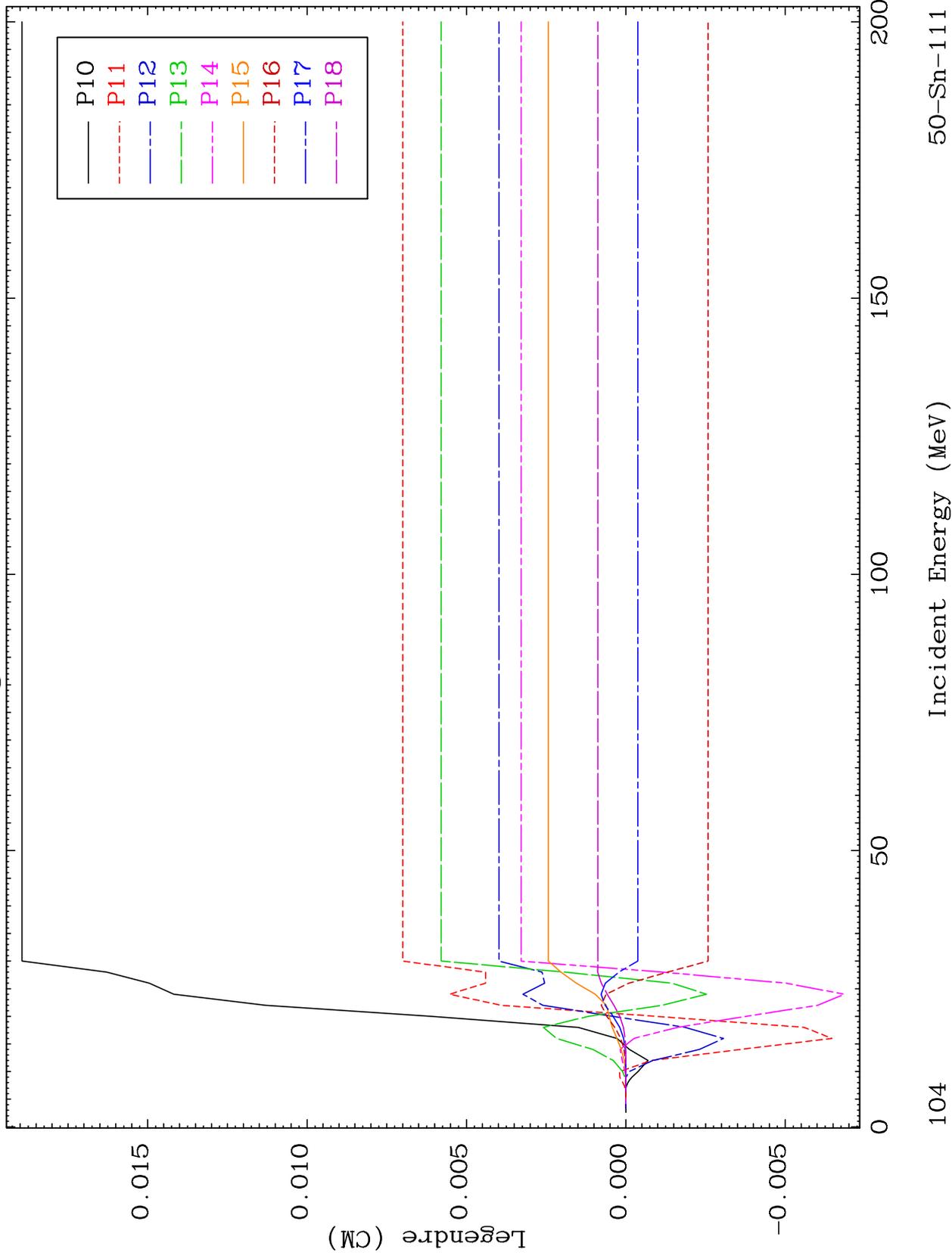




MAT 5022

MT= 72 (n,n') Level
Legendre Coefficients

50-Sn-111



50-Sn-111

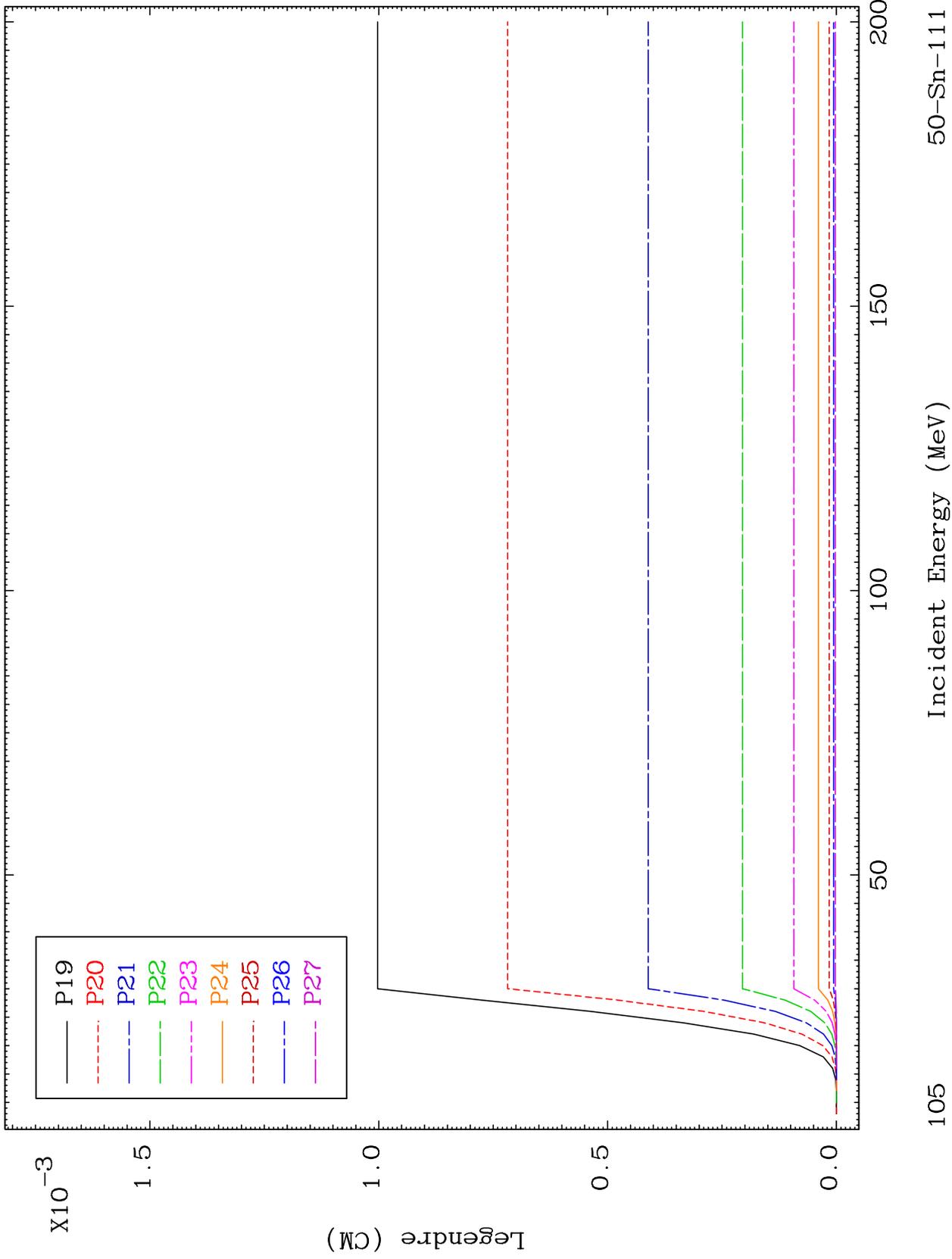
Incident Energy (MeV)

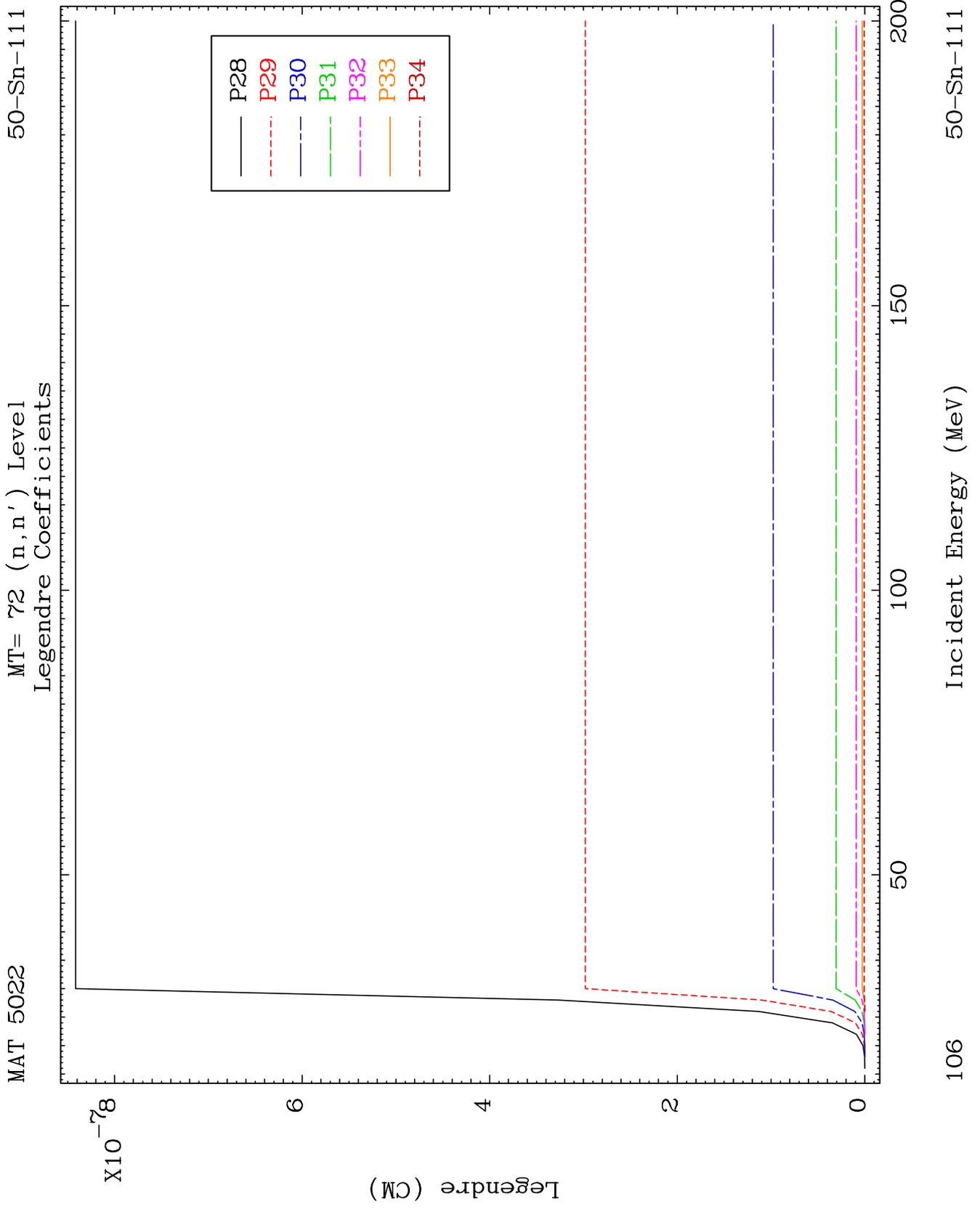
104

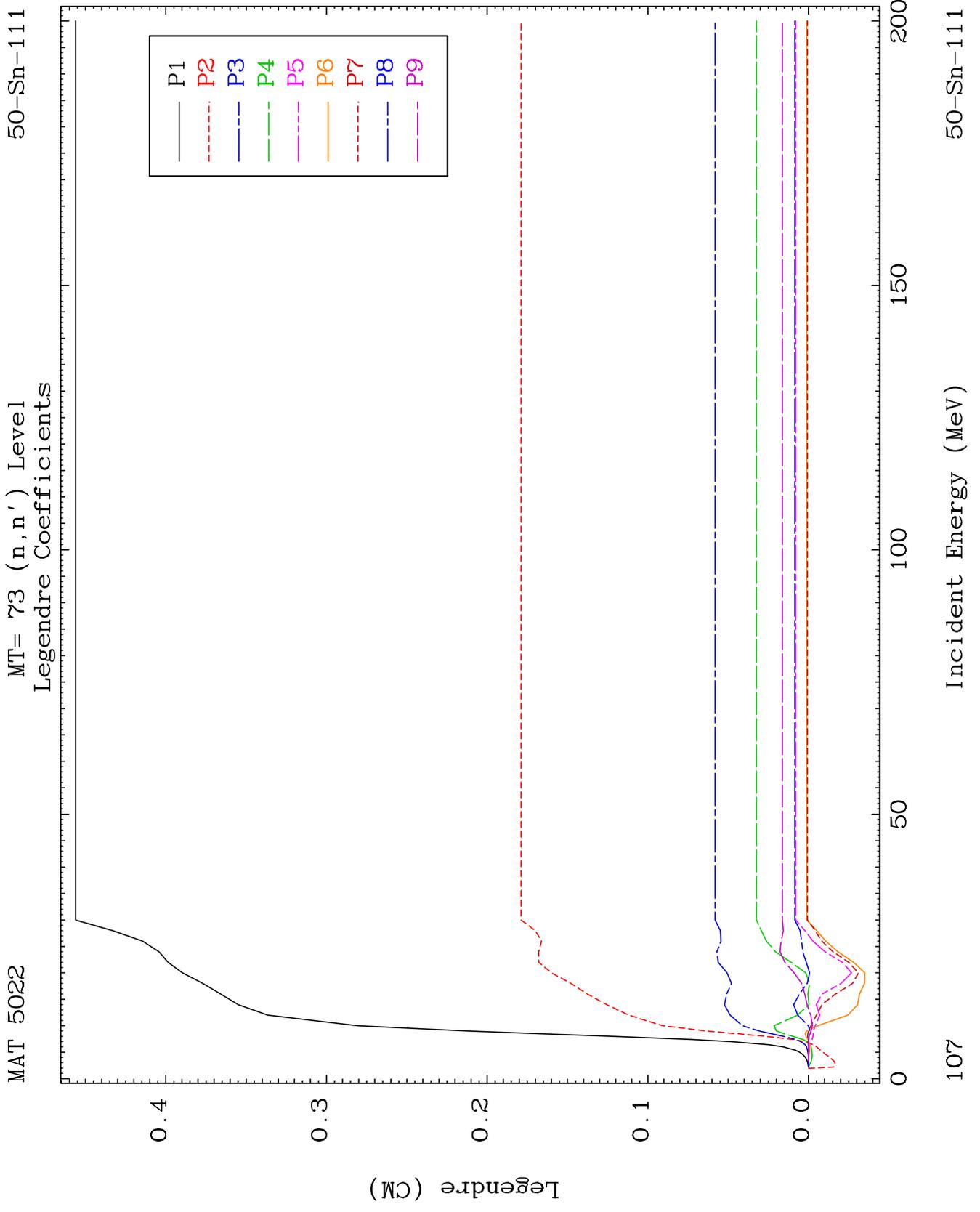
MAT 5022

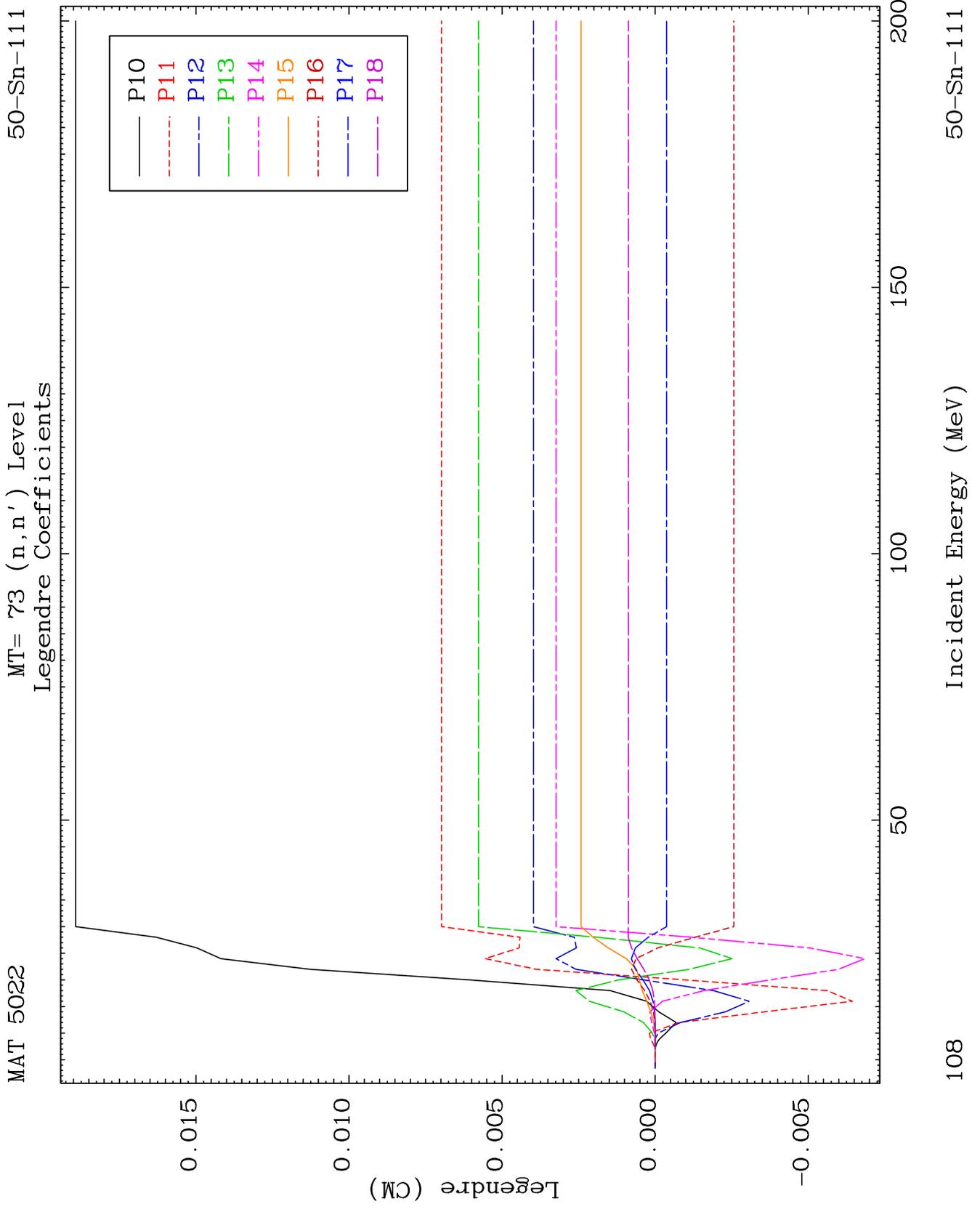
MT= 72 (n,n') Level
Legendre Coefficients

50-Sn-111





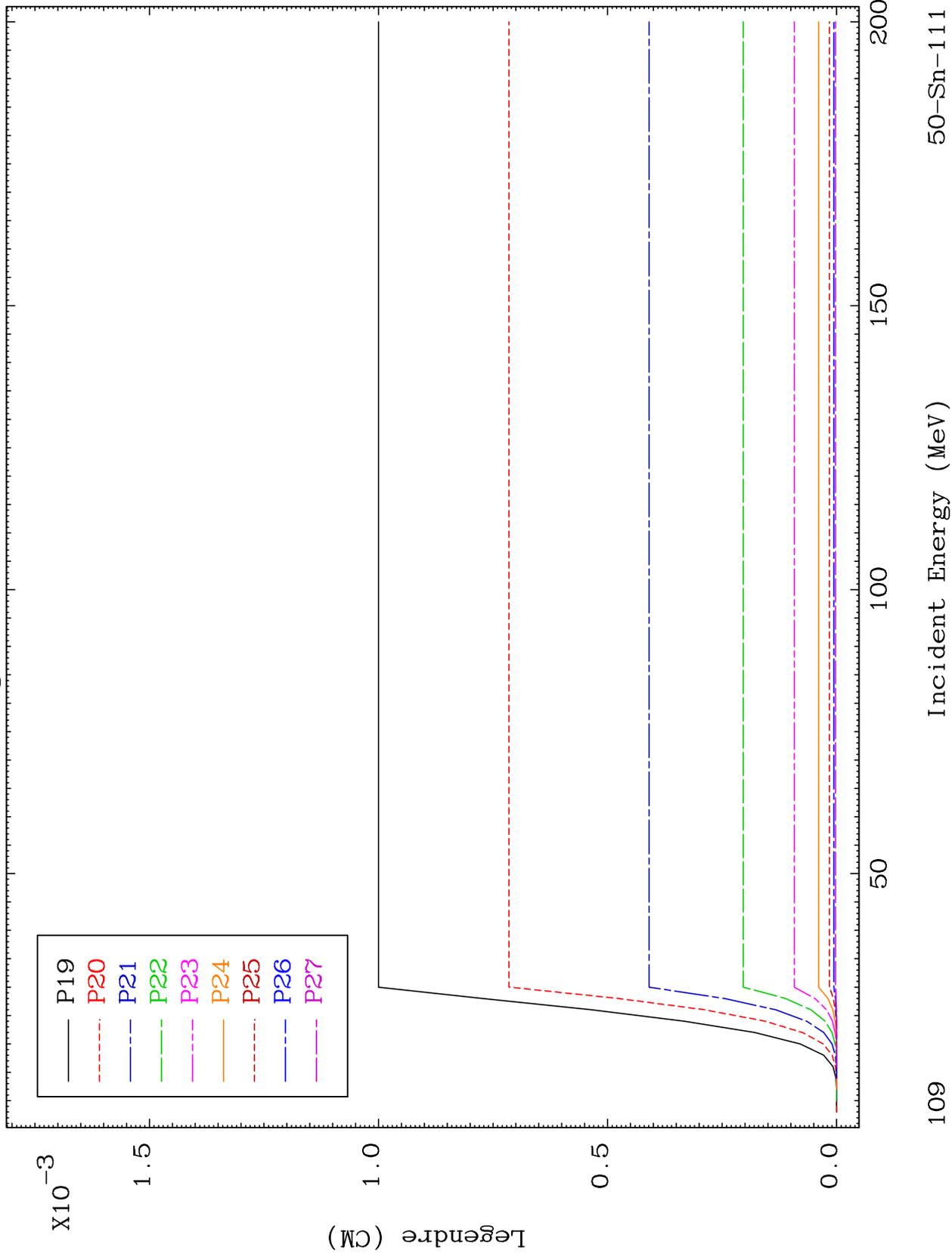


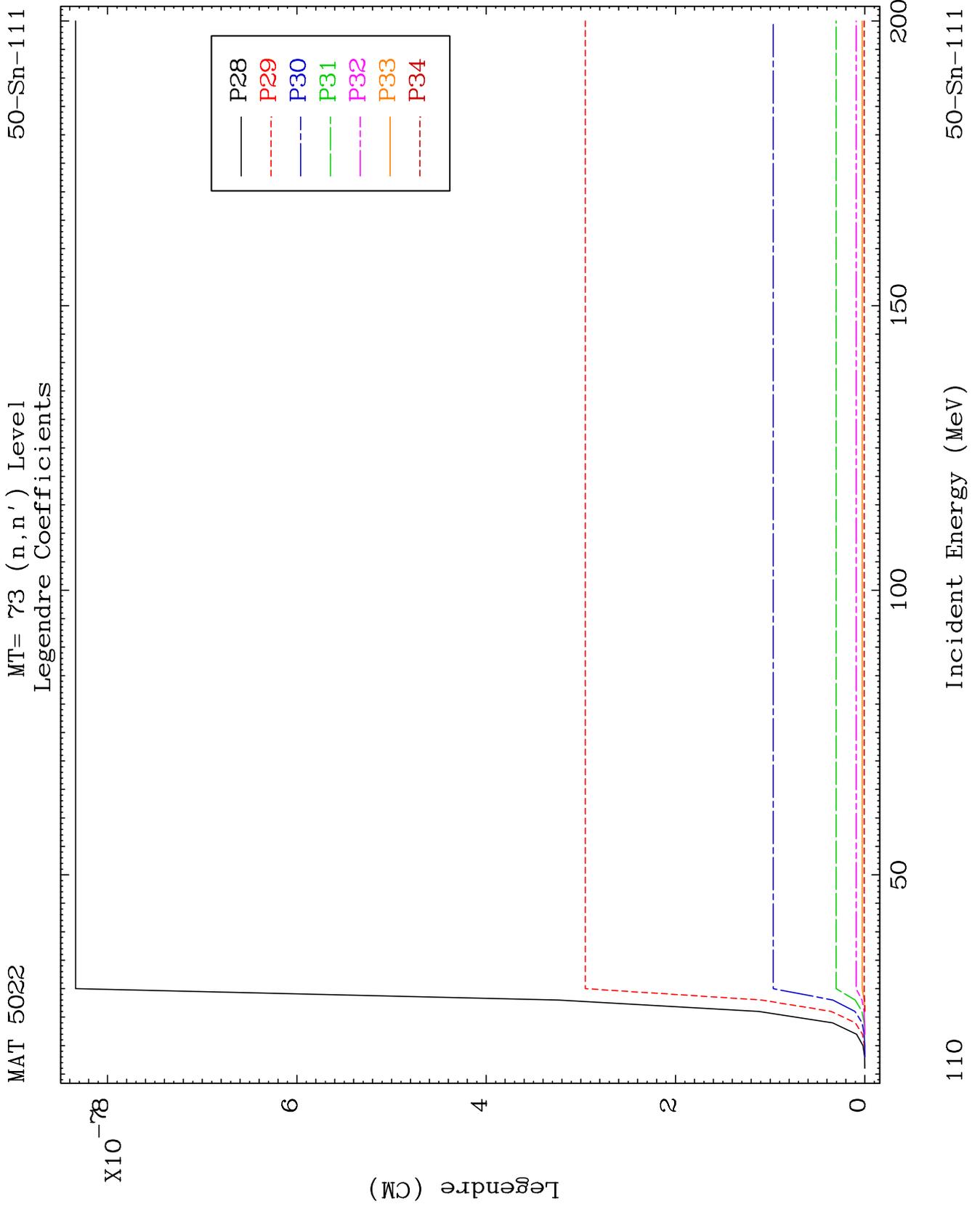


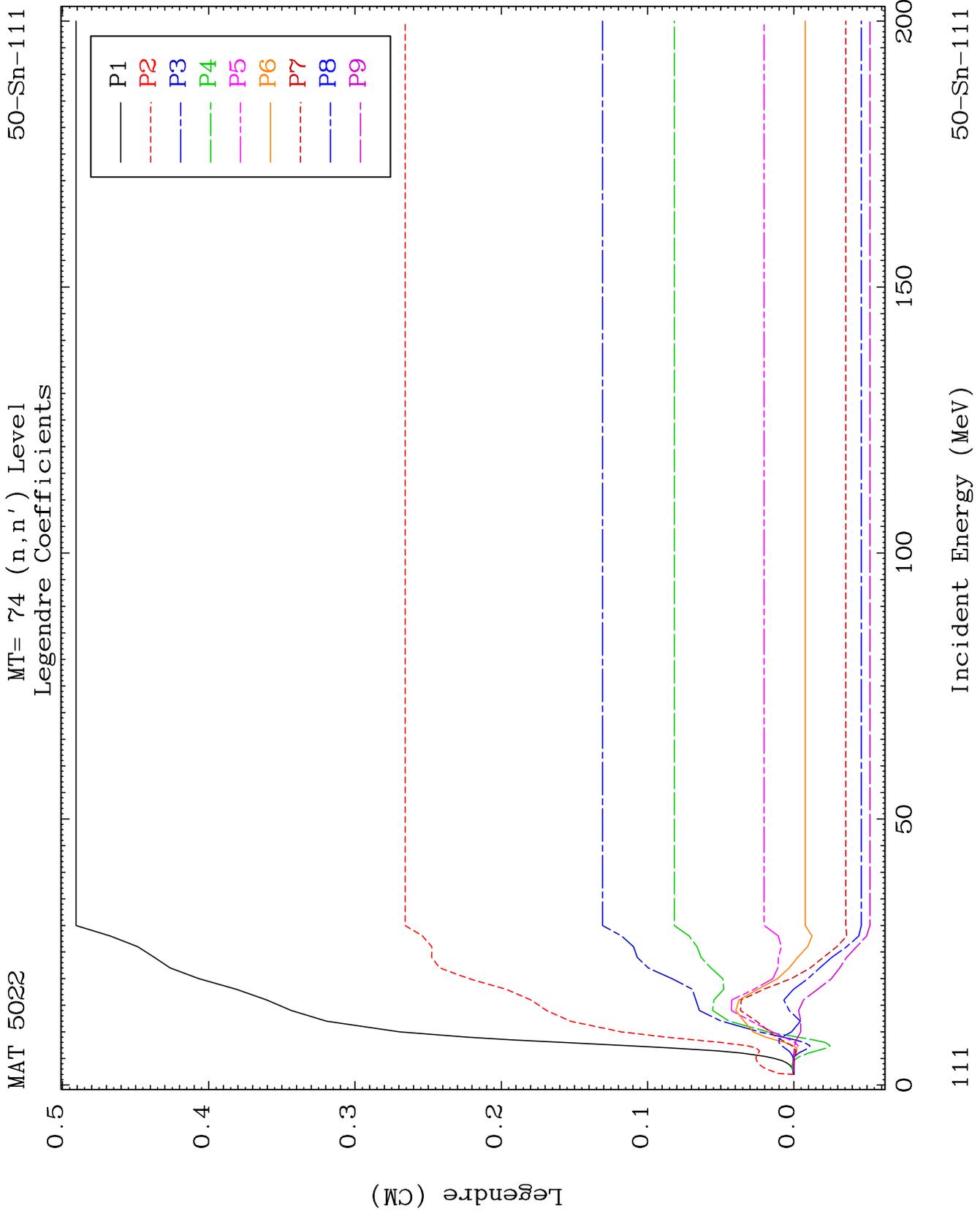
MAT 5022

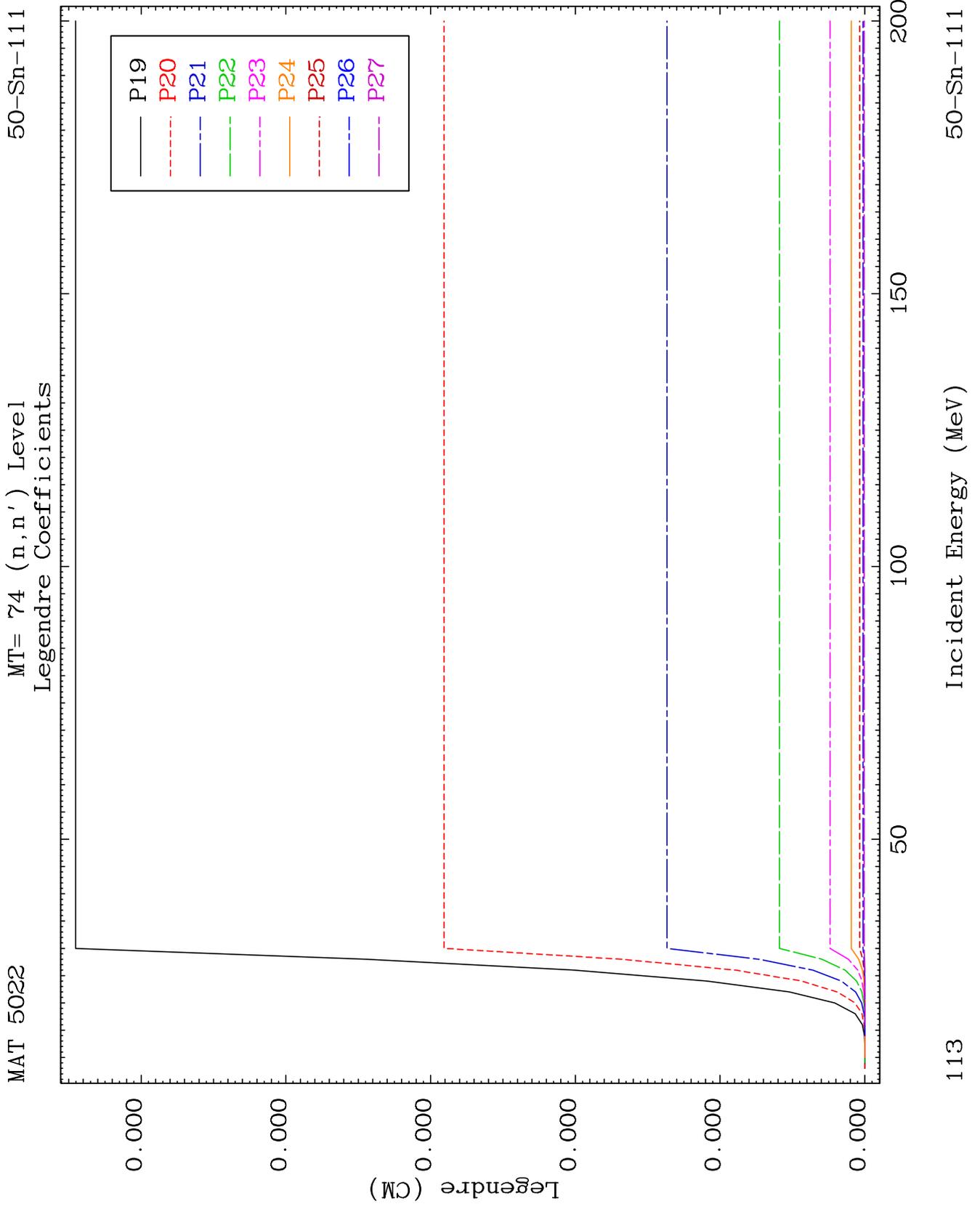
MT= 73 (n,n') Level
Legendre Coefficients

50-Sn-111





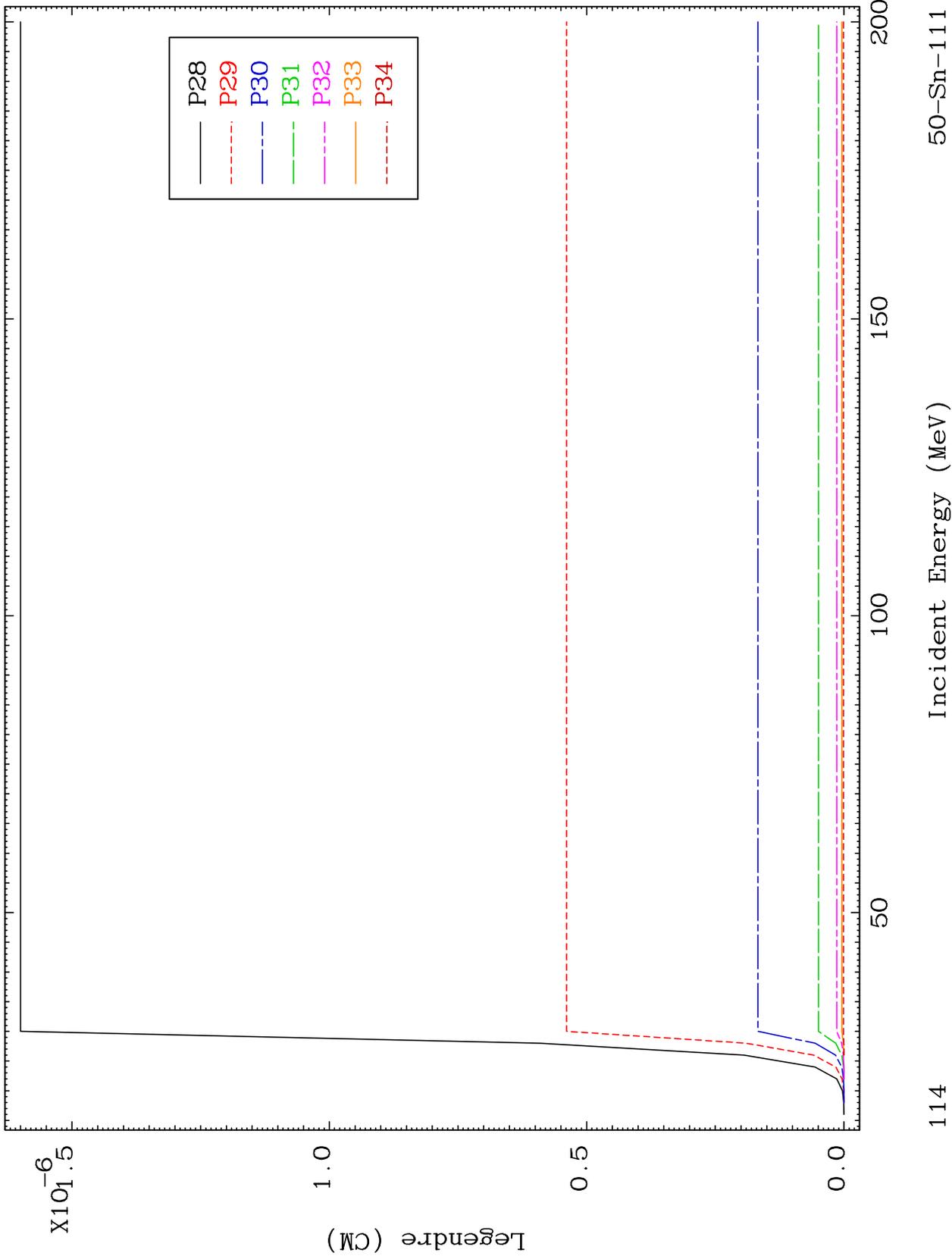




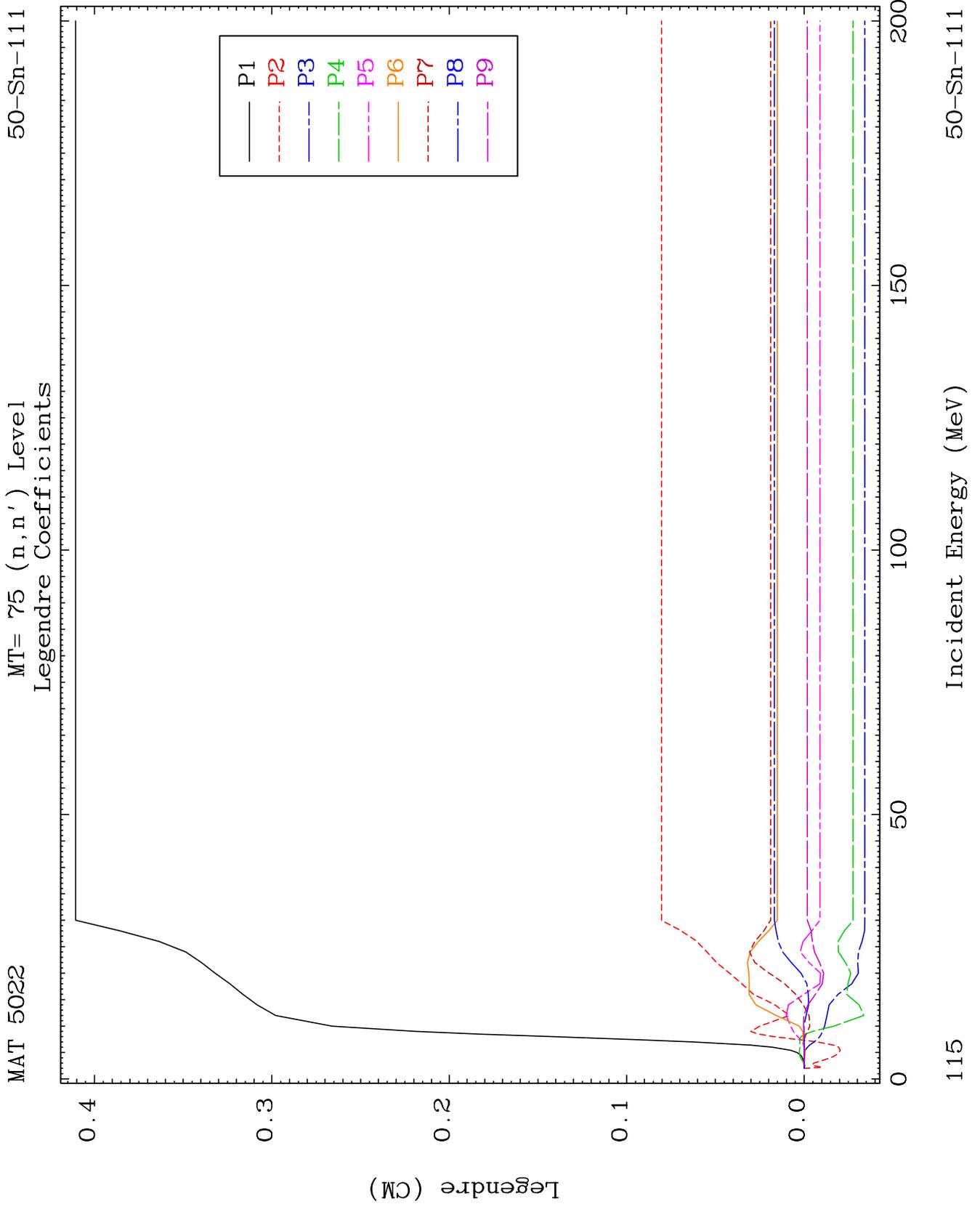
MAT 5022

MT= 74 (n,n') Level
Legendre Coefficients

50-Sn-111



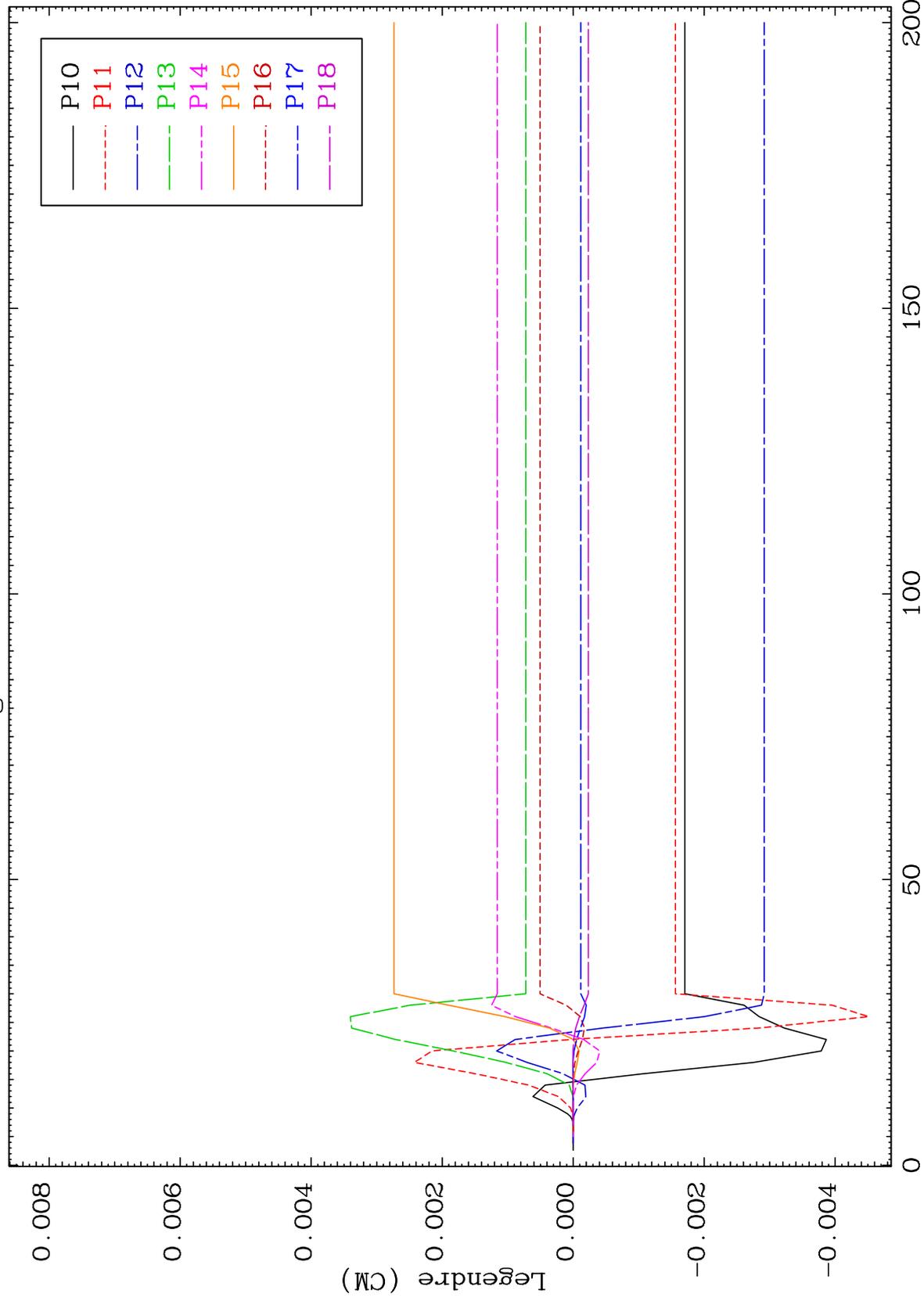
114



MAT 5022

MT= 75 (n,n') Level
Legendre Coefficients

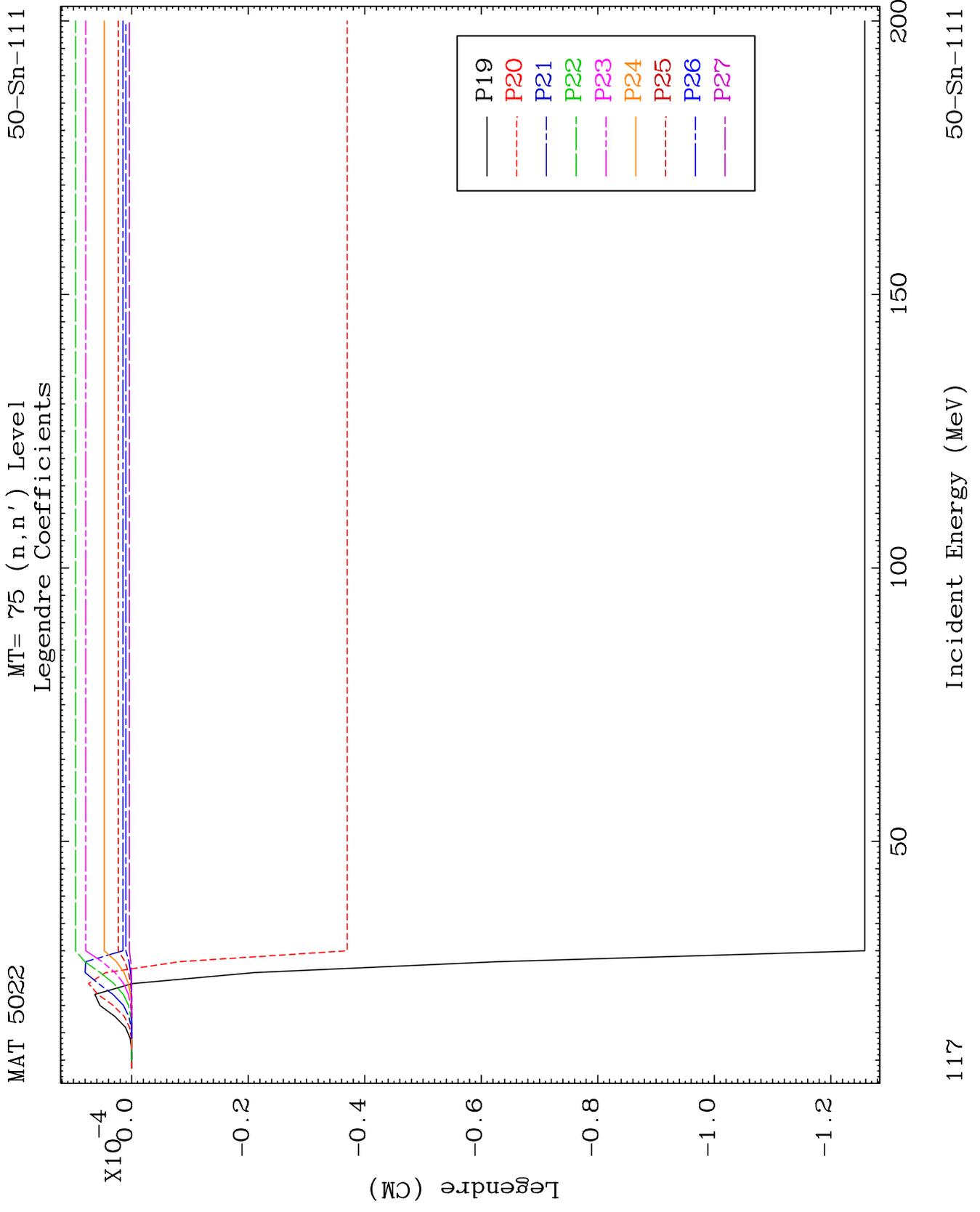
50-Sn-111



116

Incident Energy (MeV)

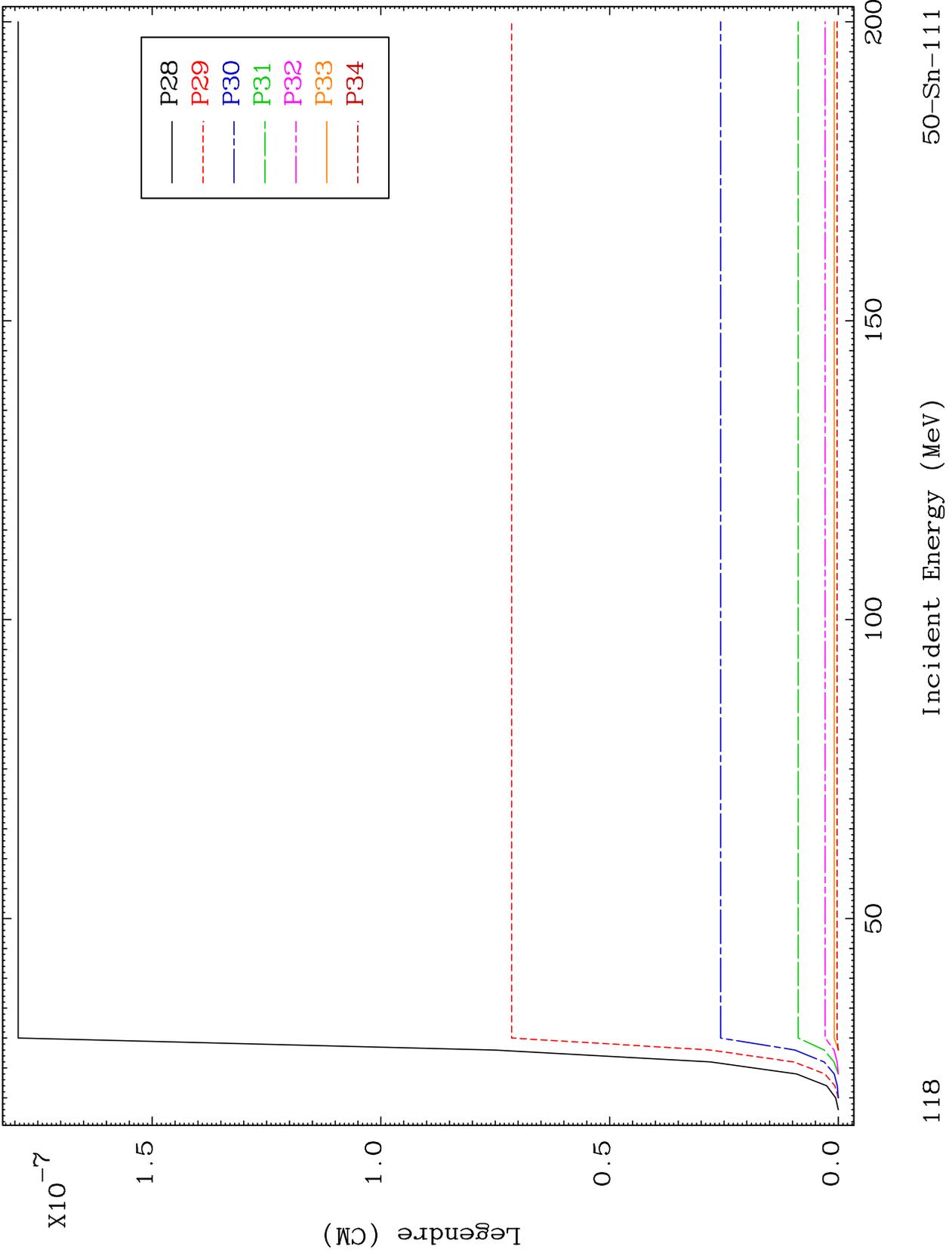
50-Sn-111



MAT 5022

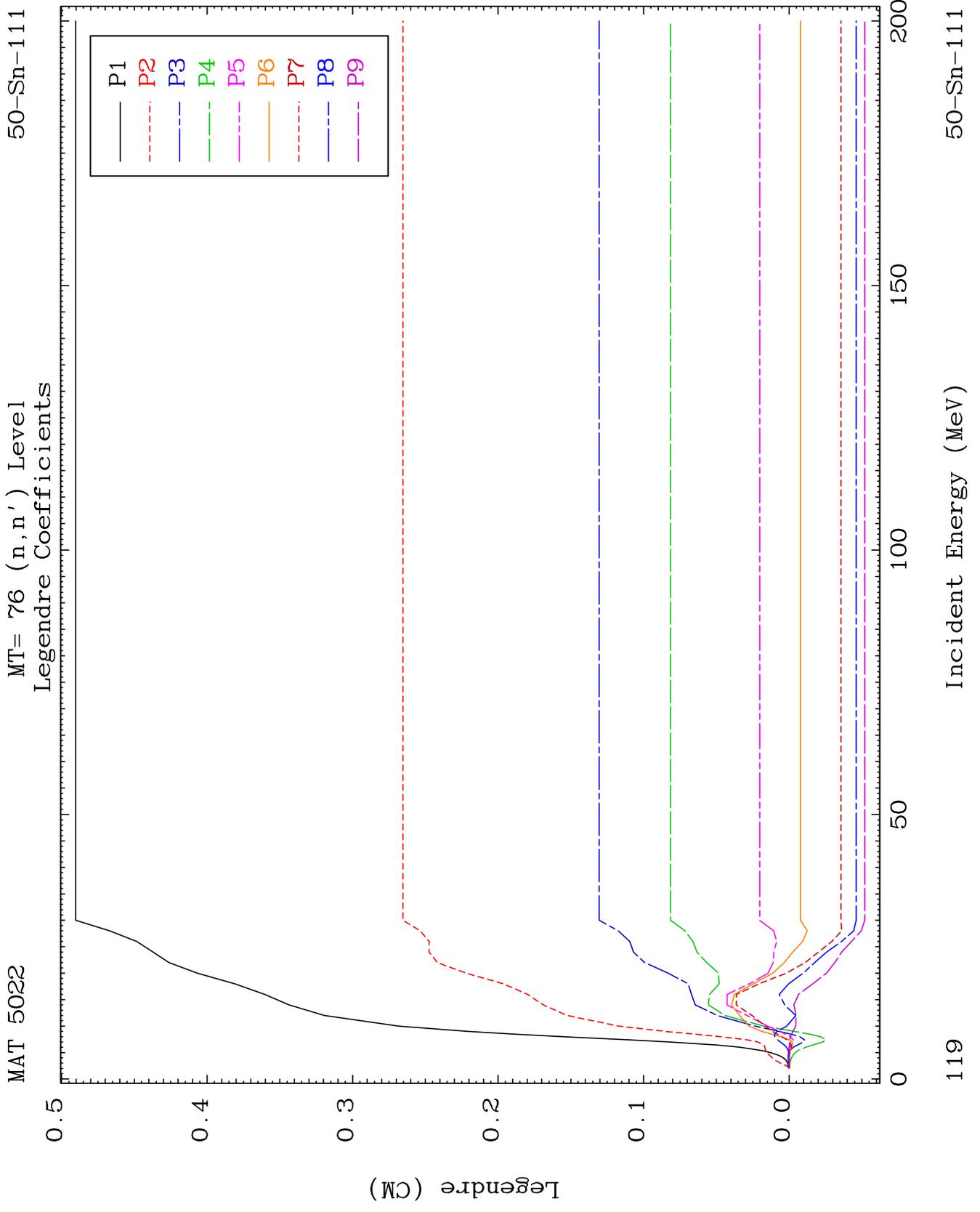
MT= 75 (n,n') Level
Legendre Coefficients

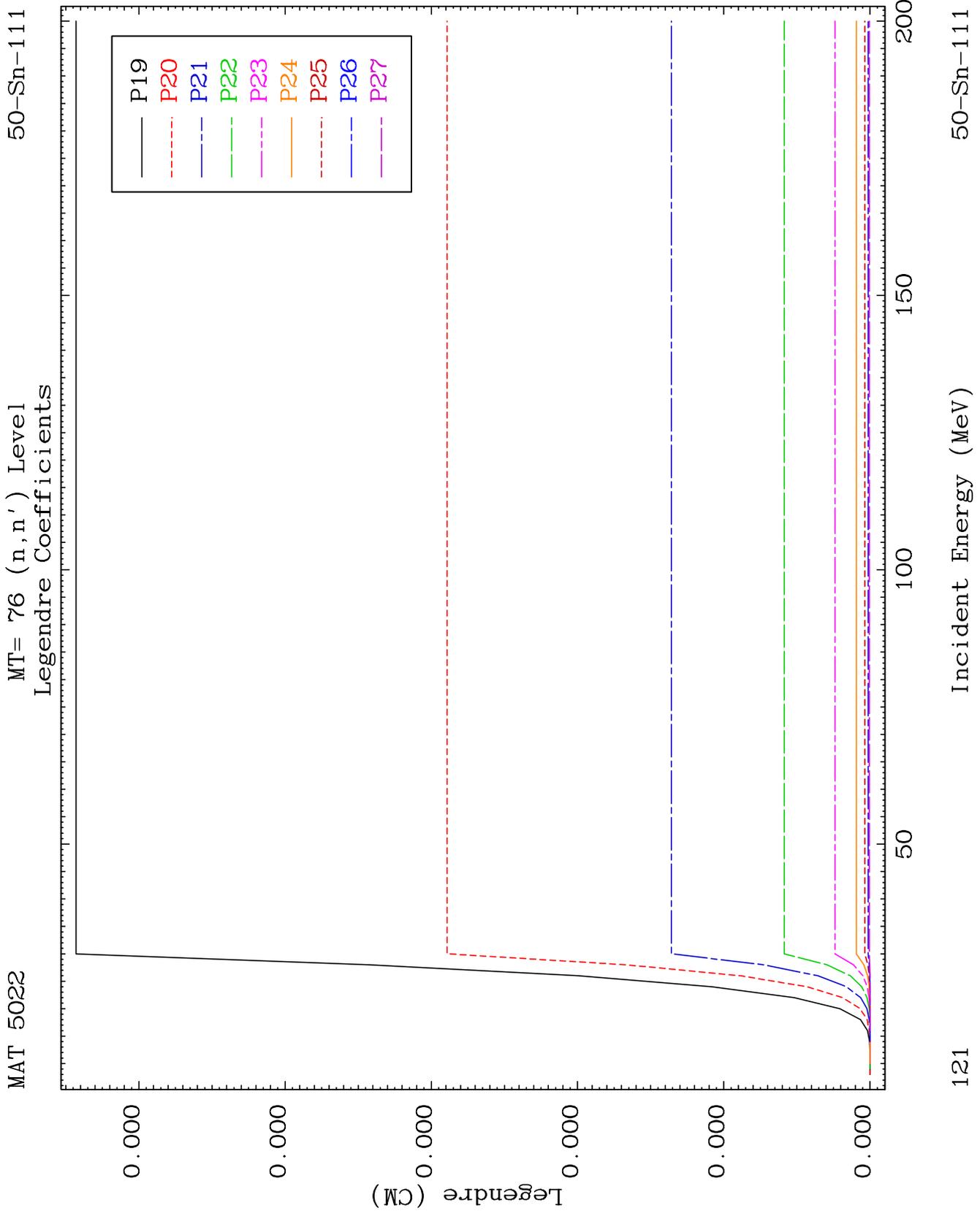
50-Sn-111



118

50-Sn-111

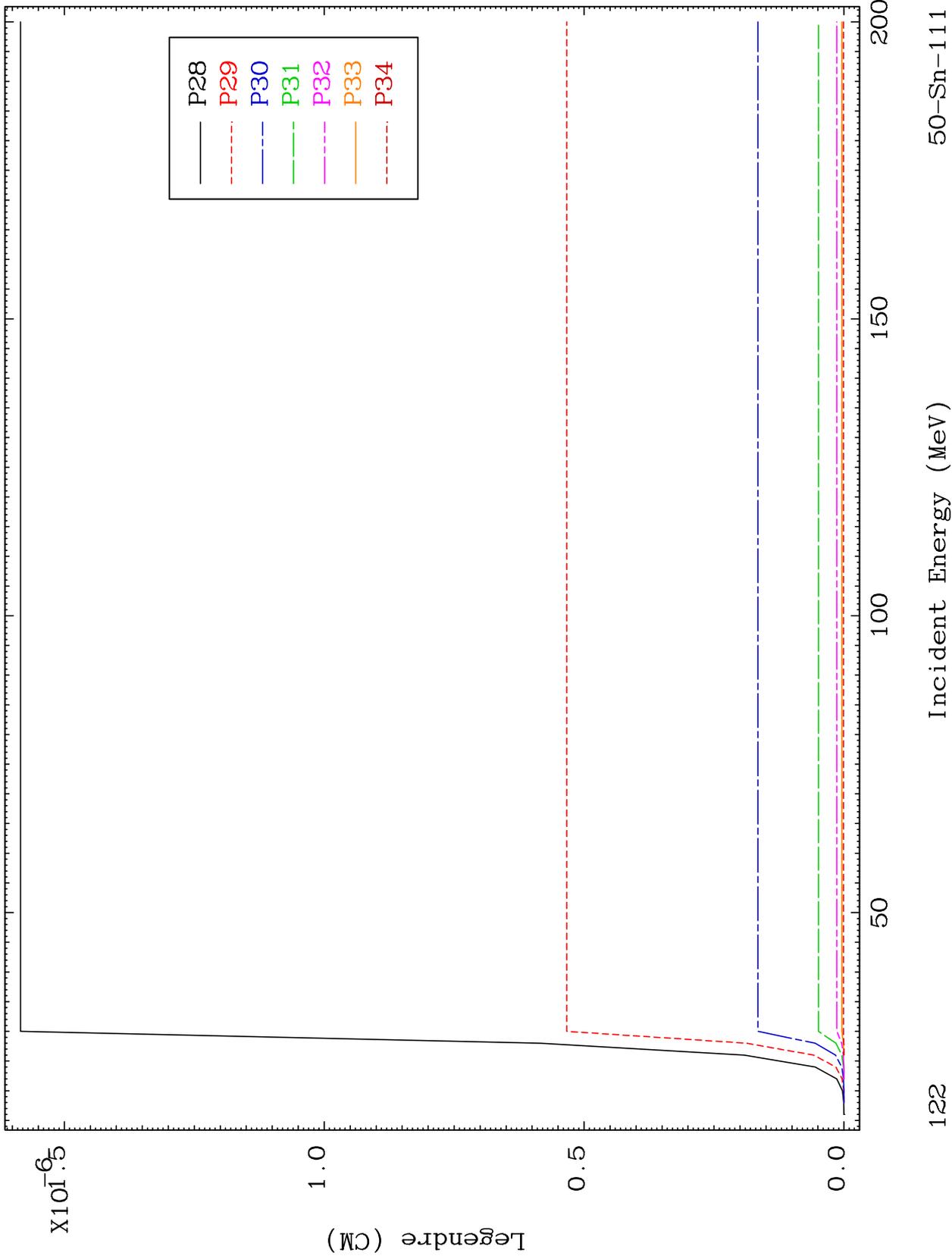




MAT 5022

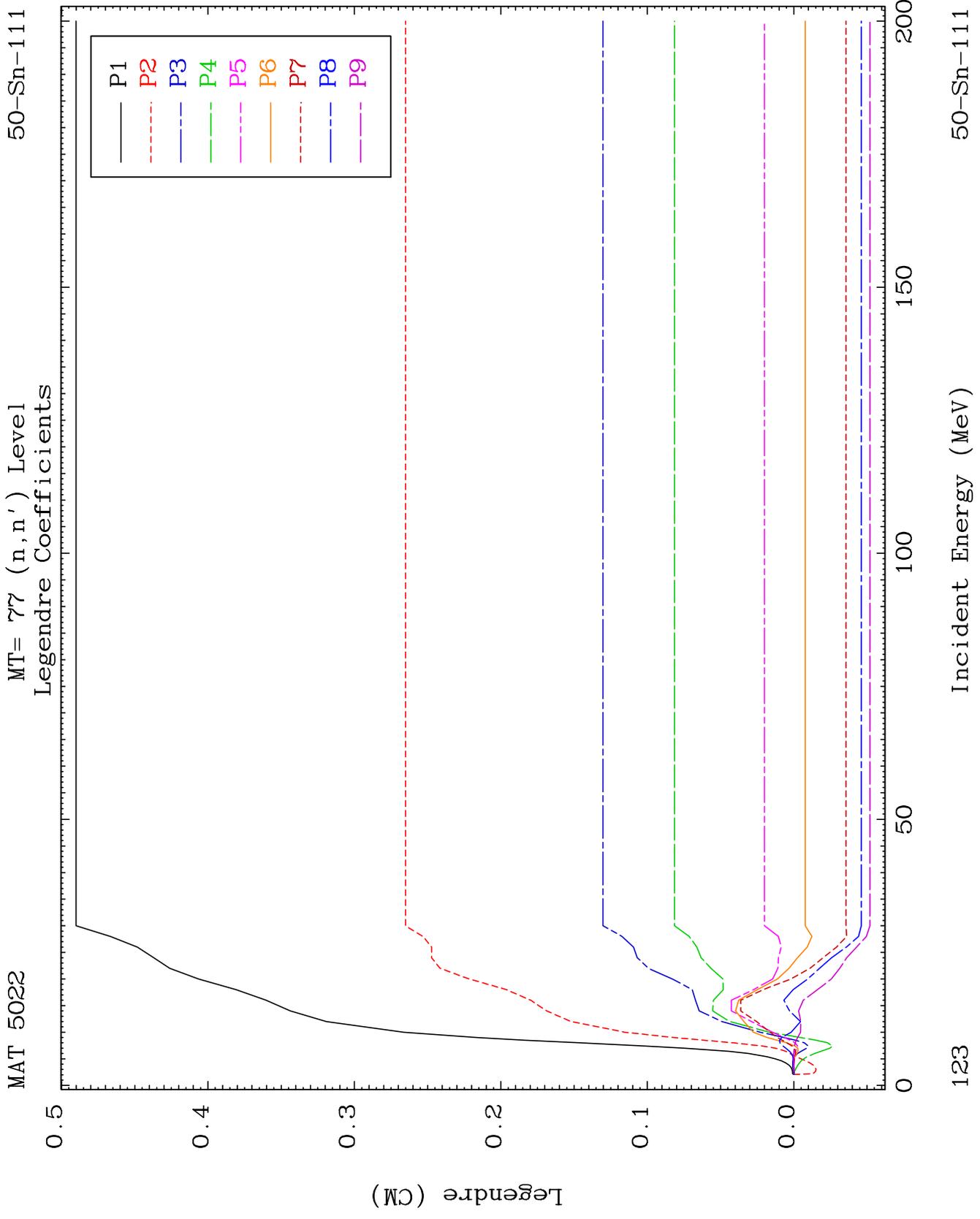
MT= 76 (n,n') Level
Legendre Coefficients

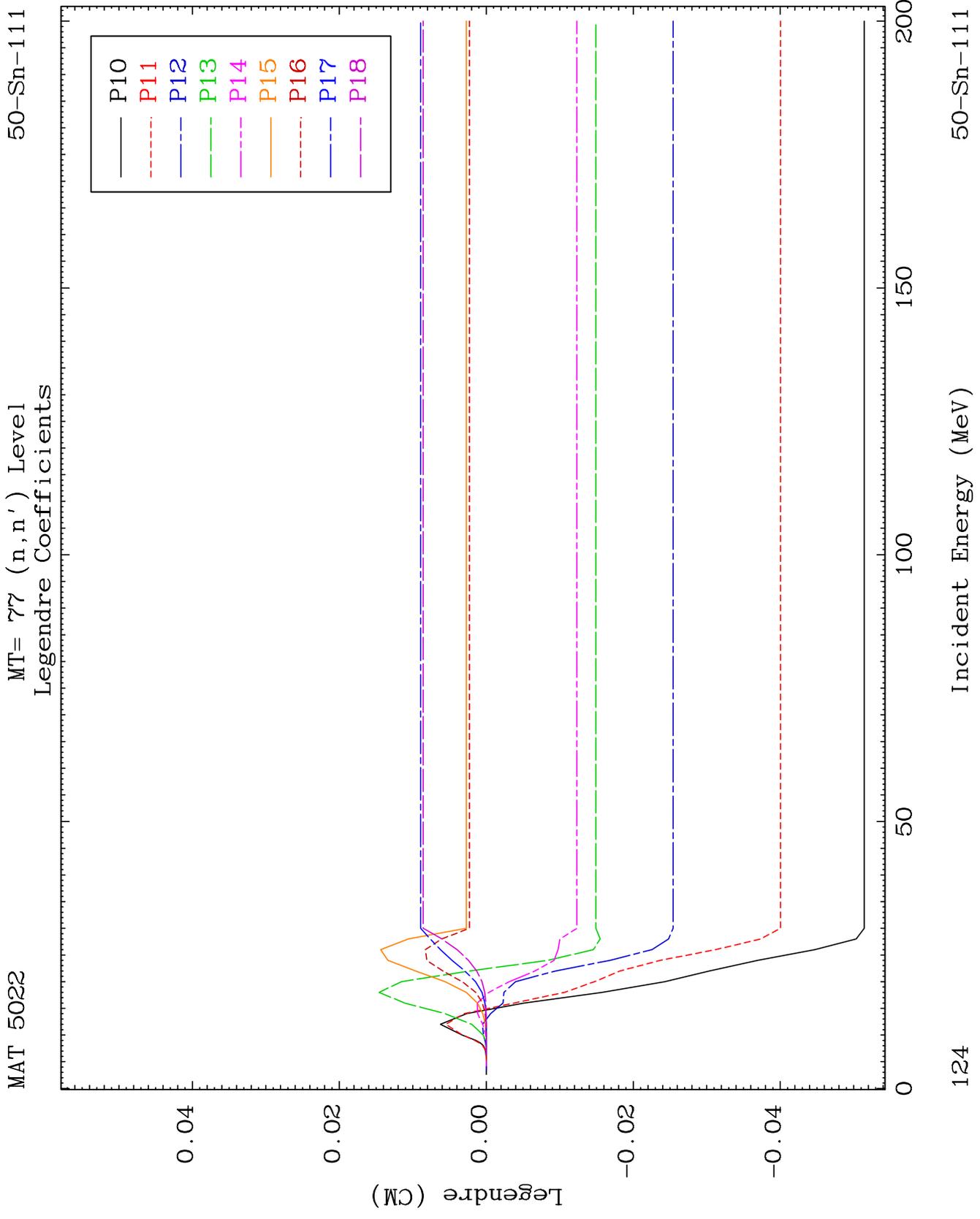
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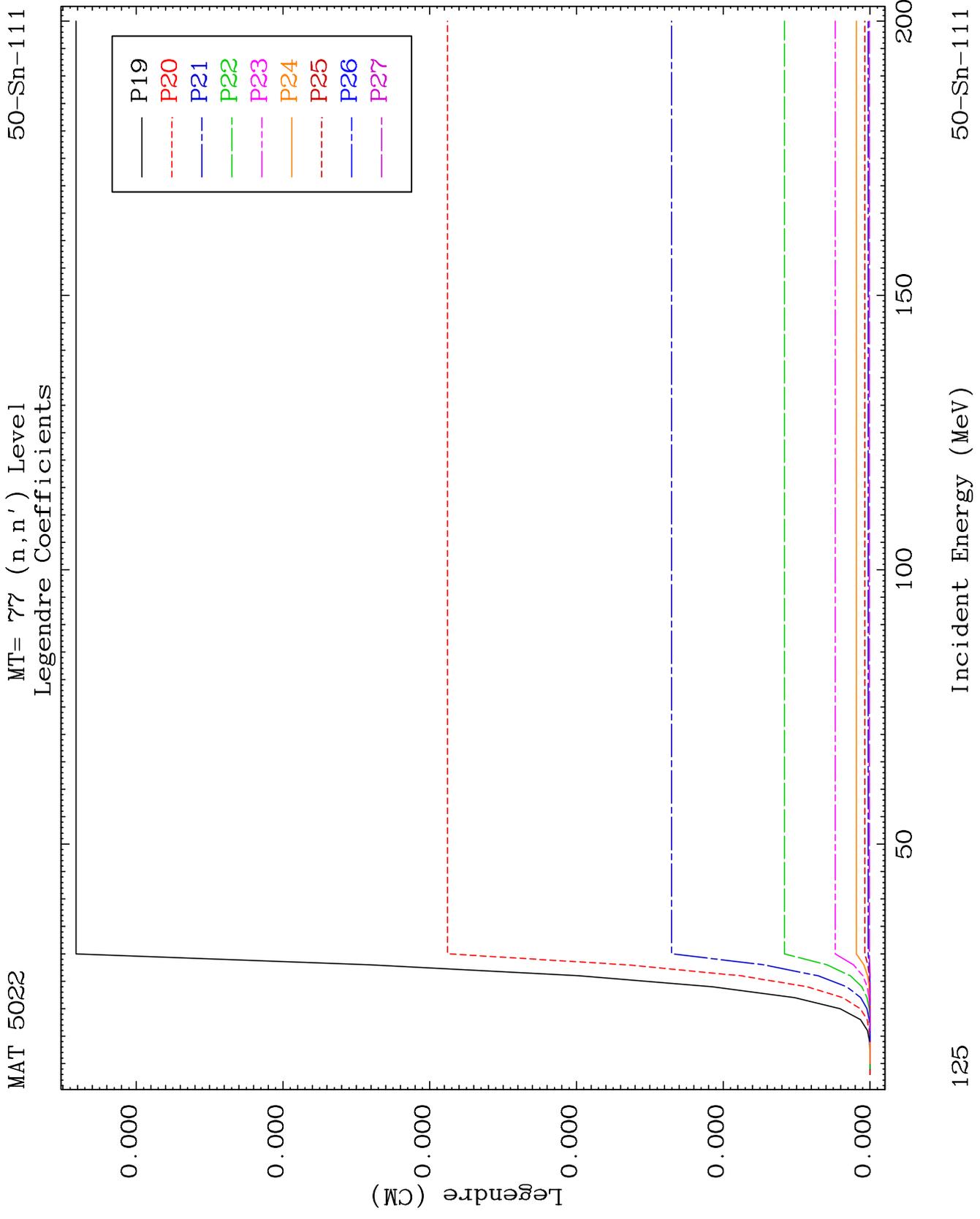


122

50-Sn-111



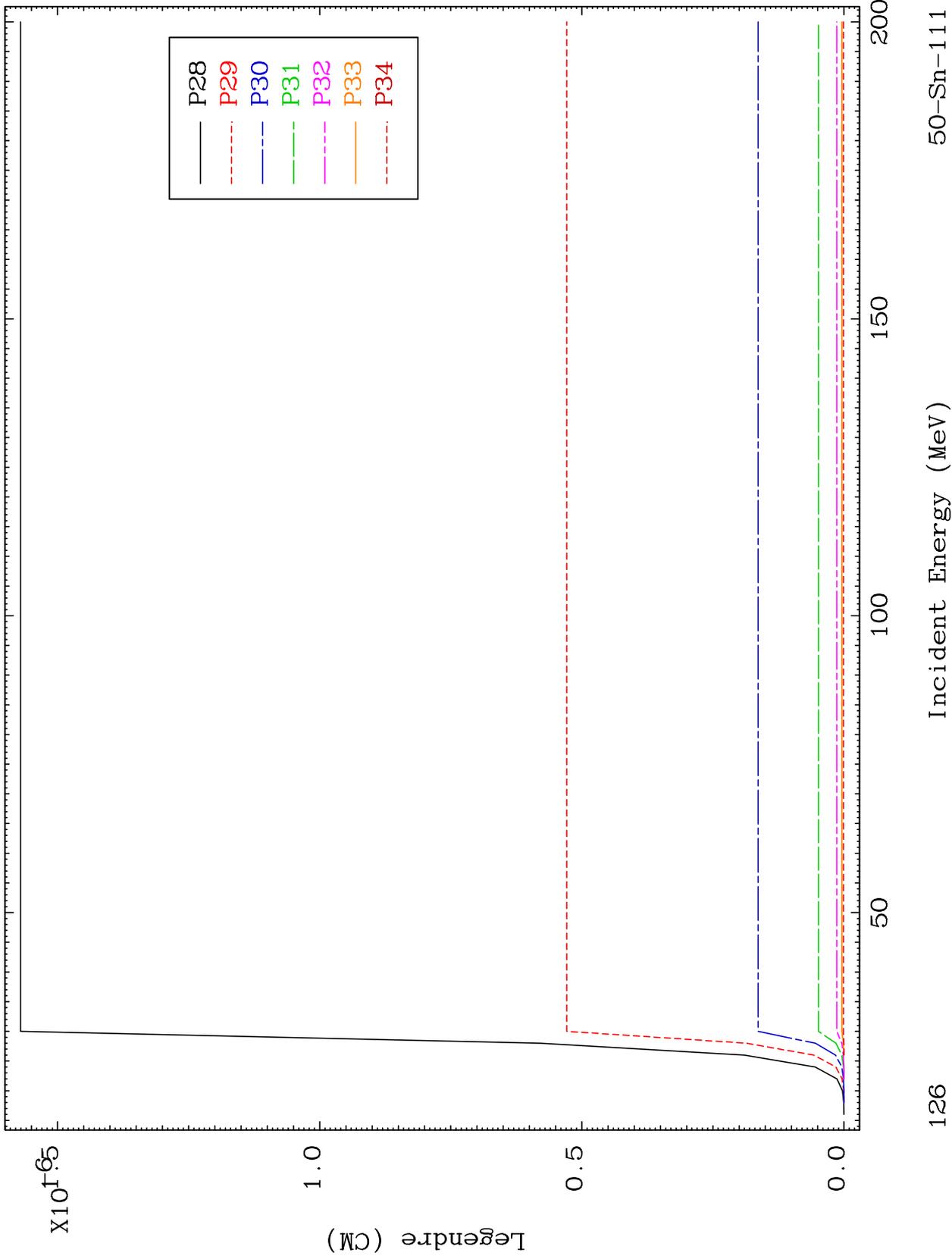




MAT 5022

MT= 77 (n,n') Level
Legendre Coefficients

50-Sn-111



126

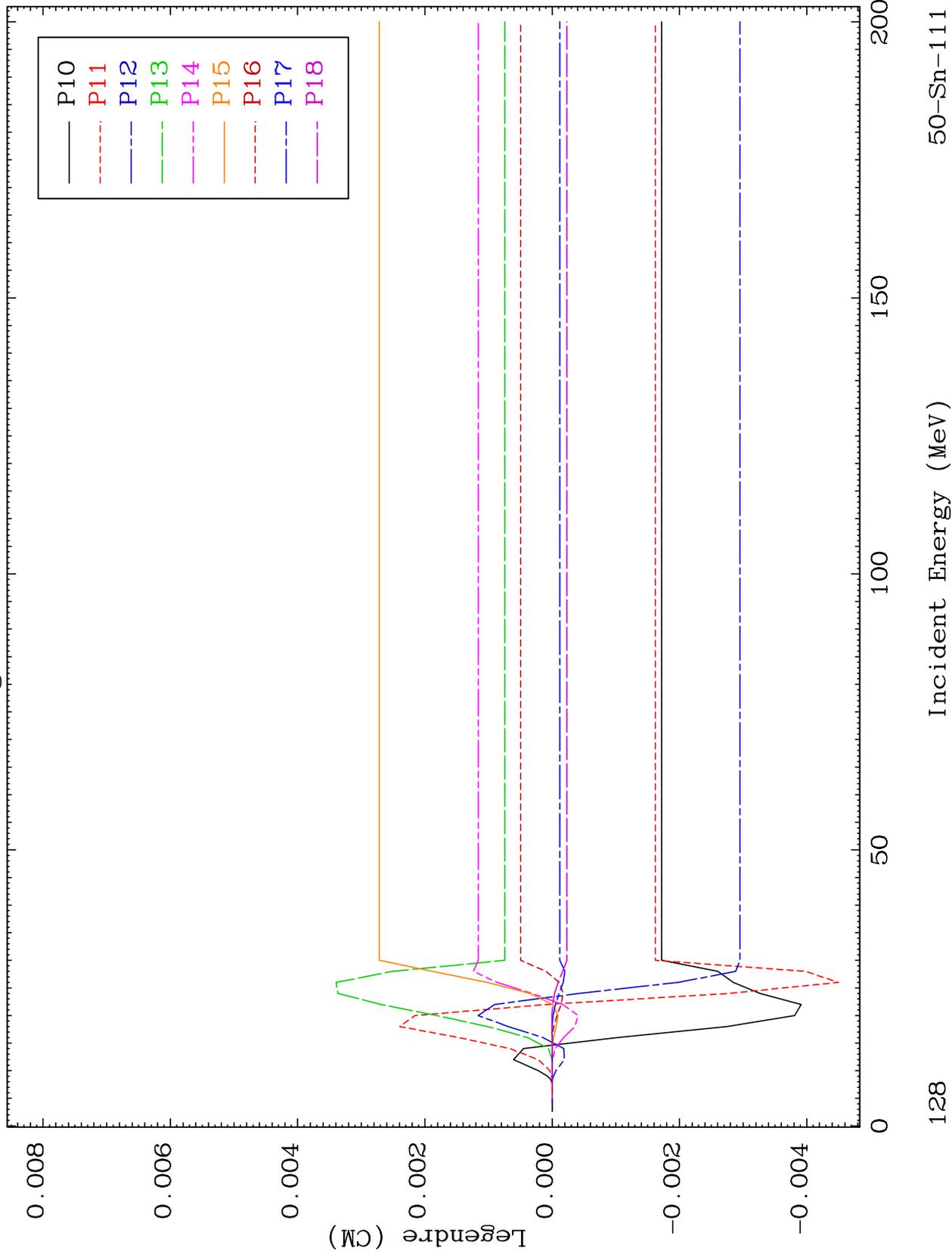
Incident Energy (MeV)

50-Sn-111

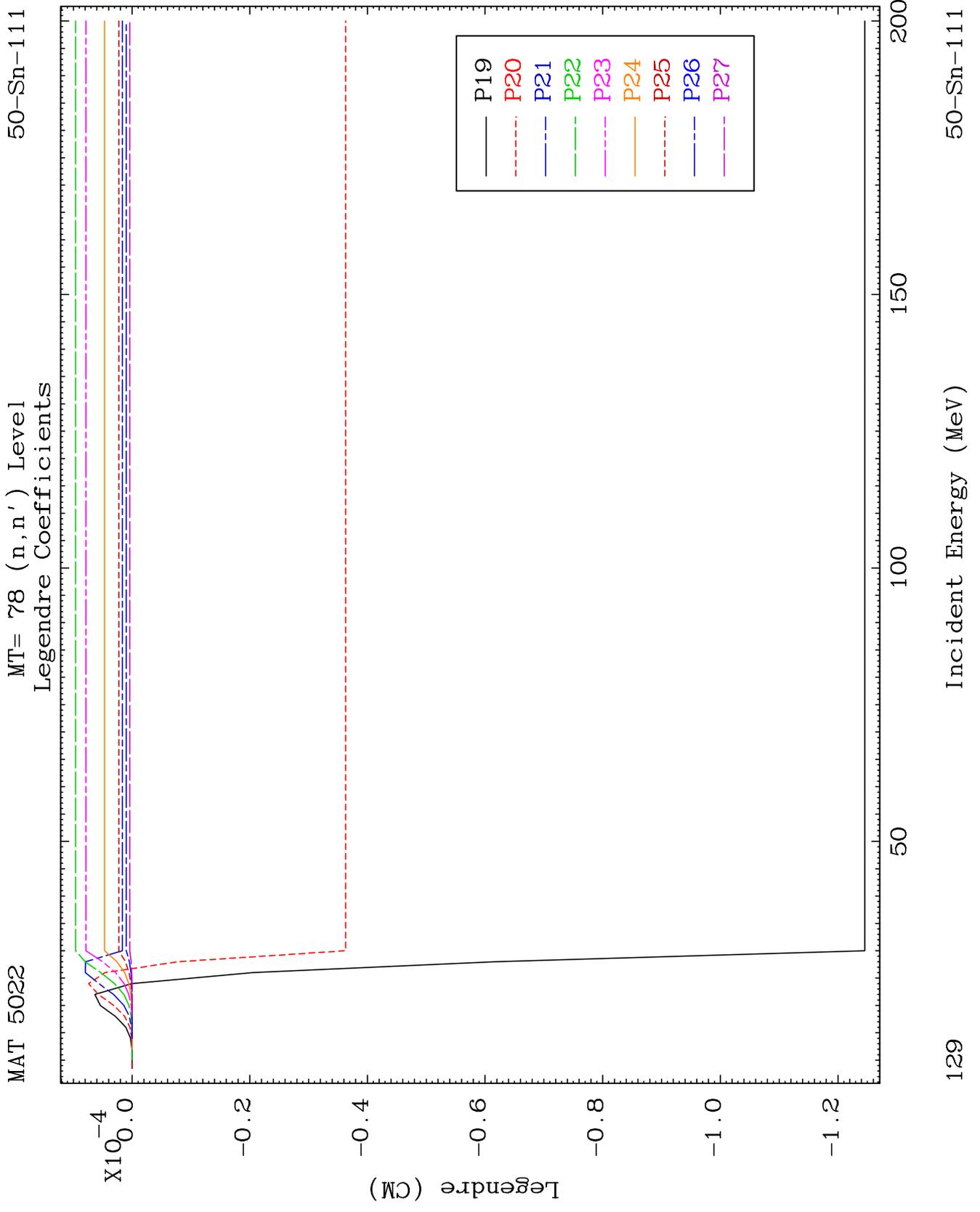
MAT 5022

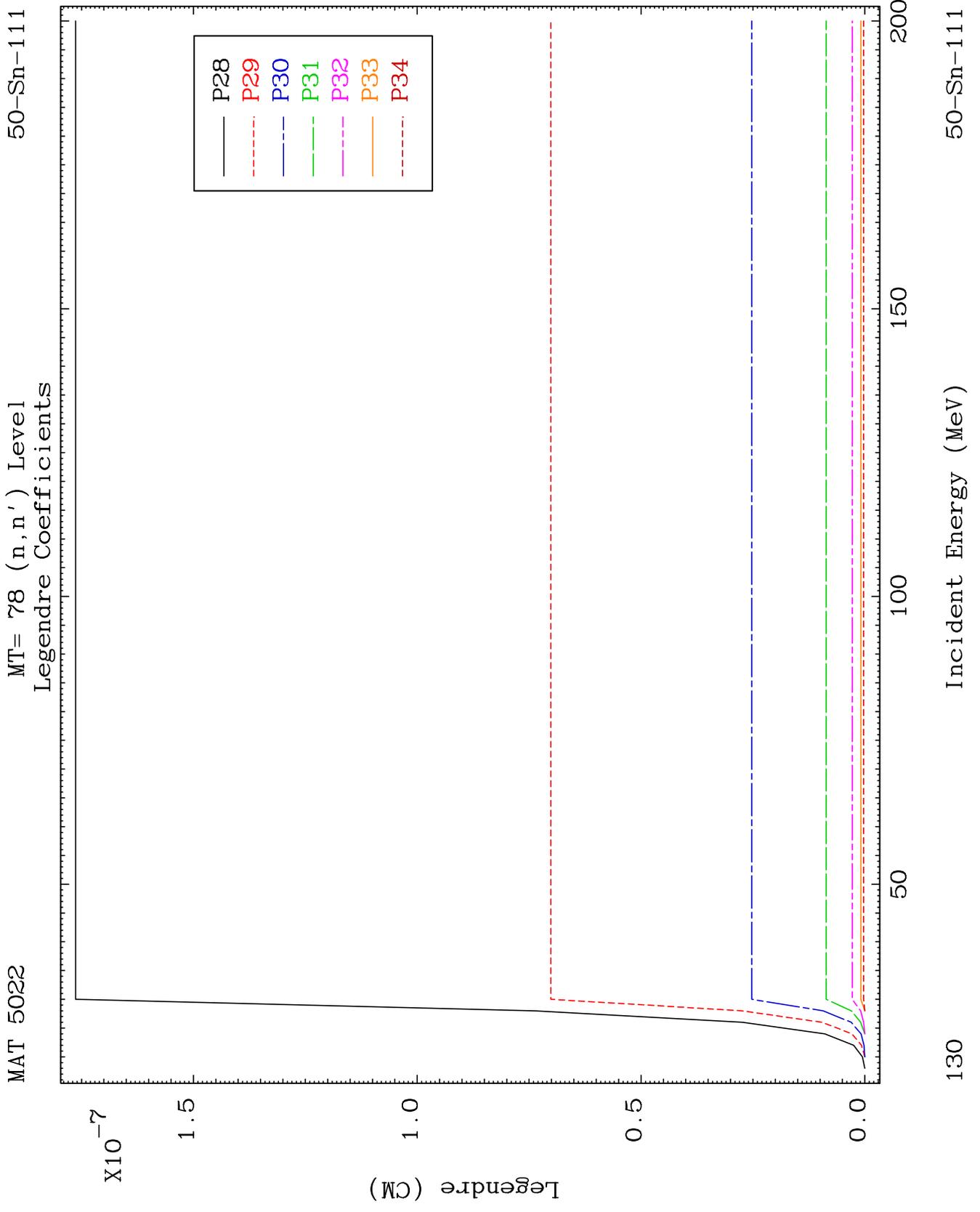
MT= 78 (n,n') Level
Legendre Coefficients

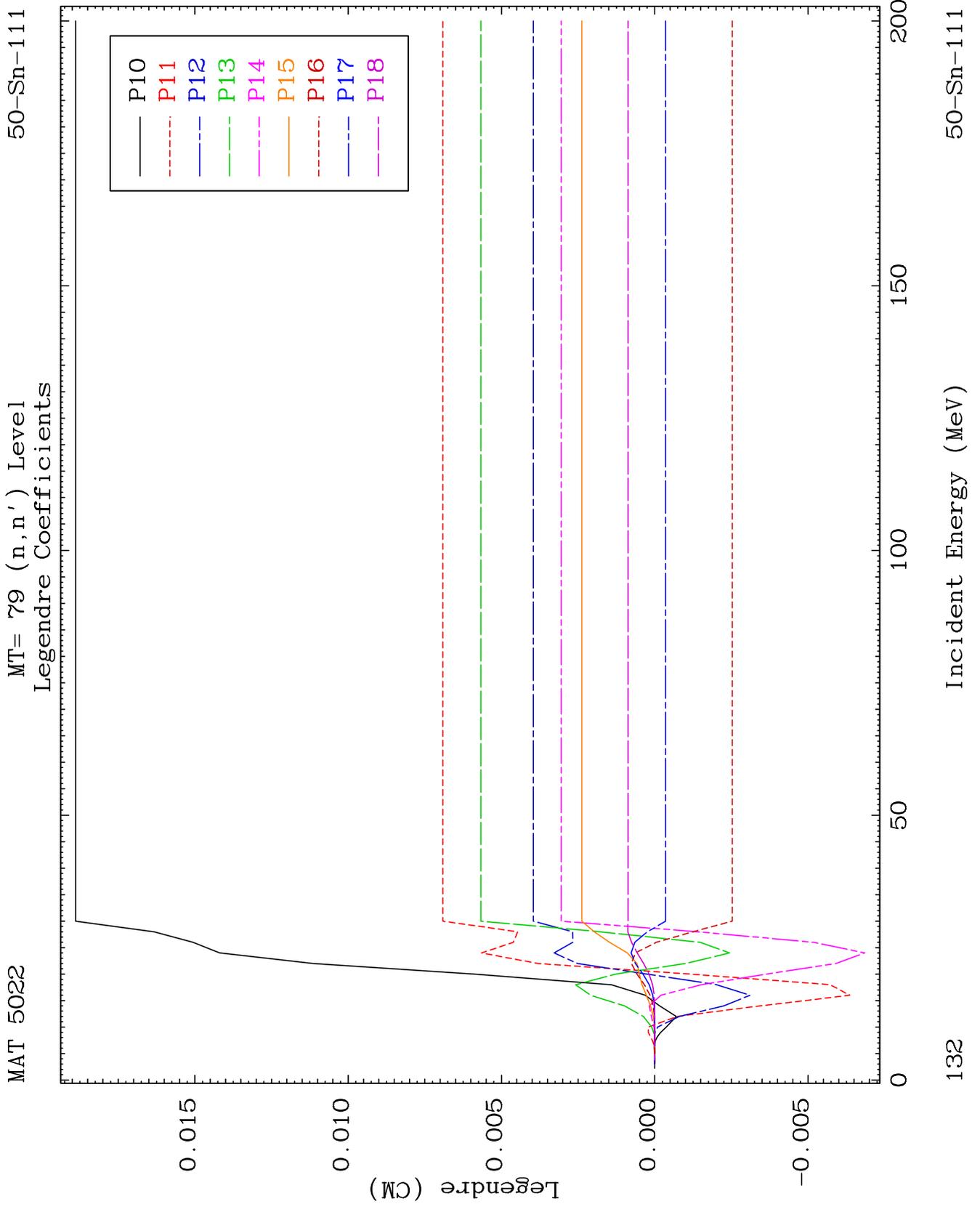
50-Sn-111

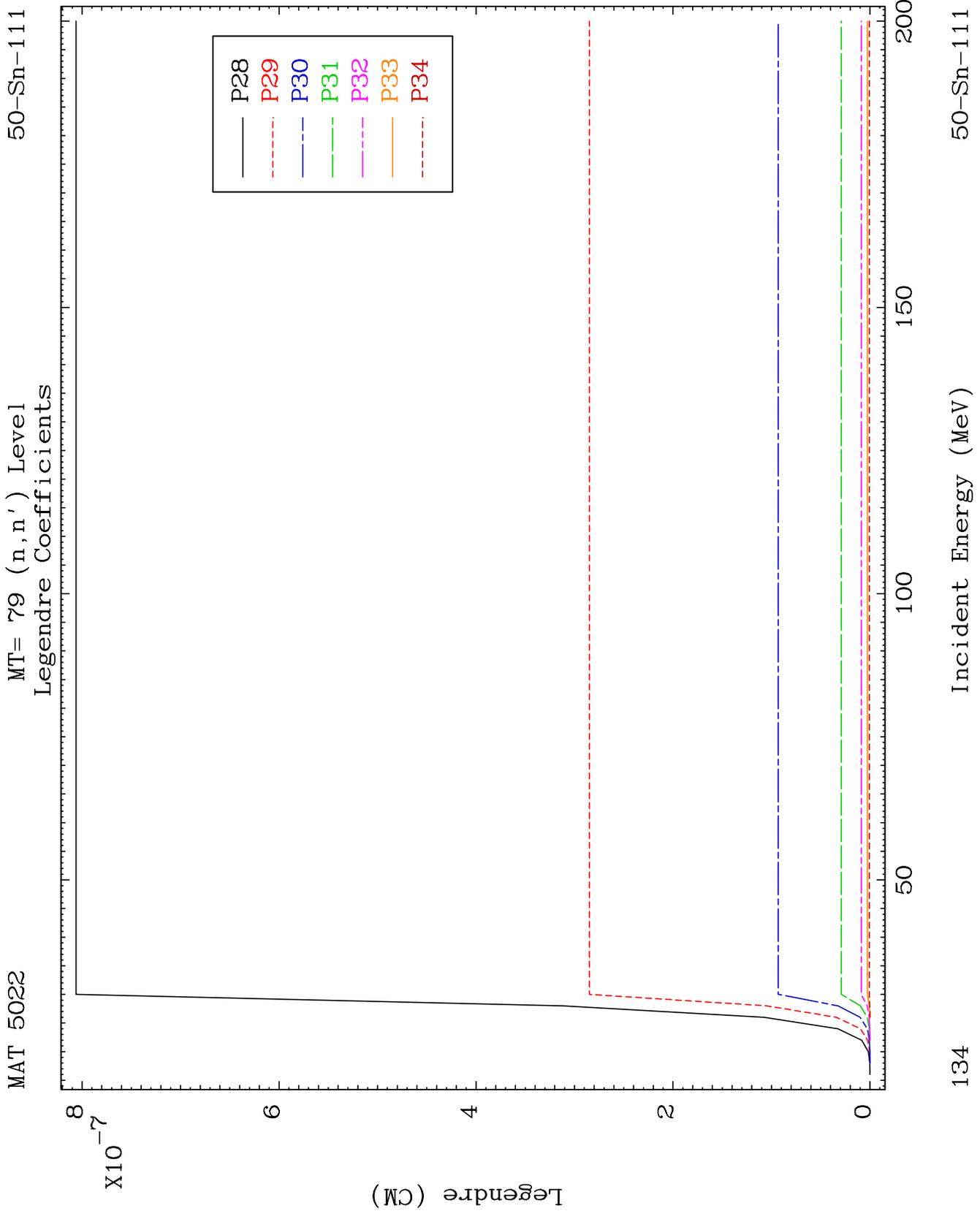


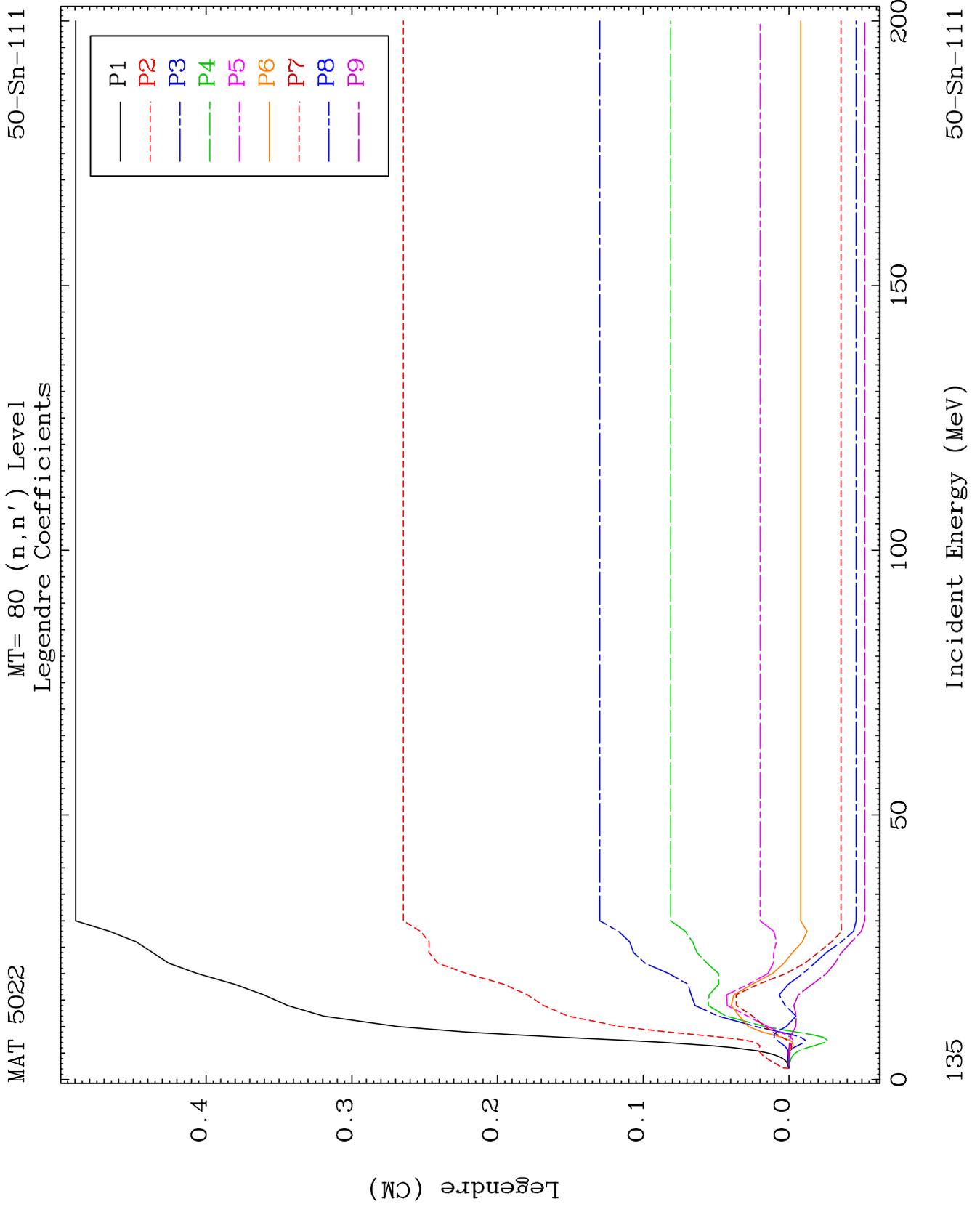
128

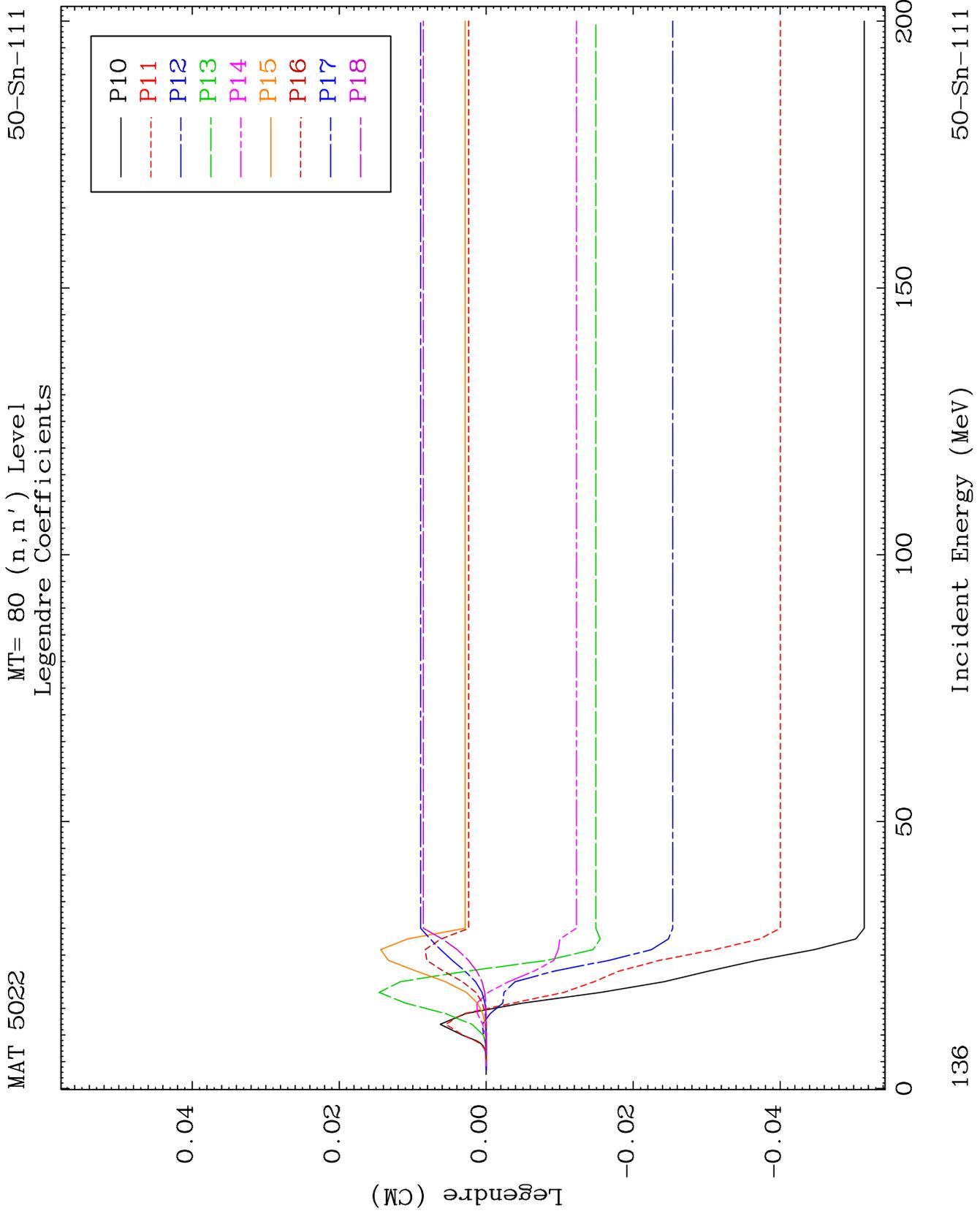


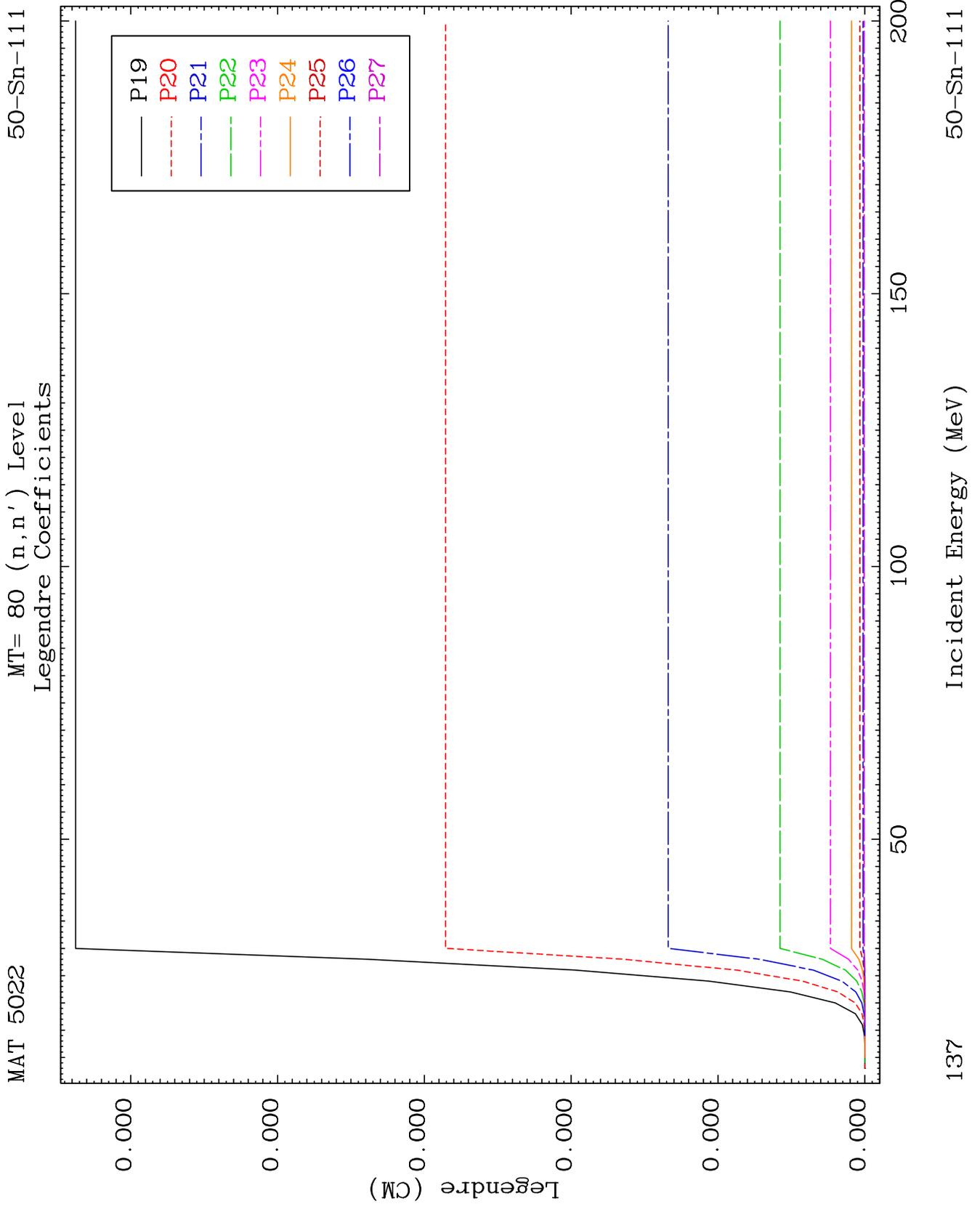


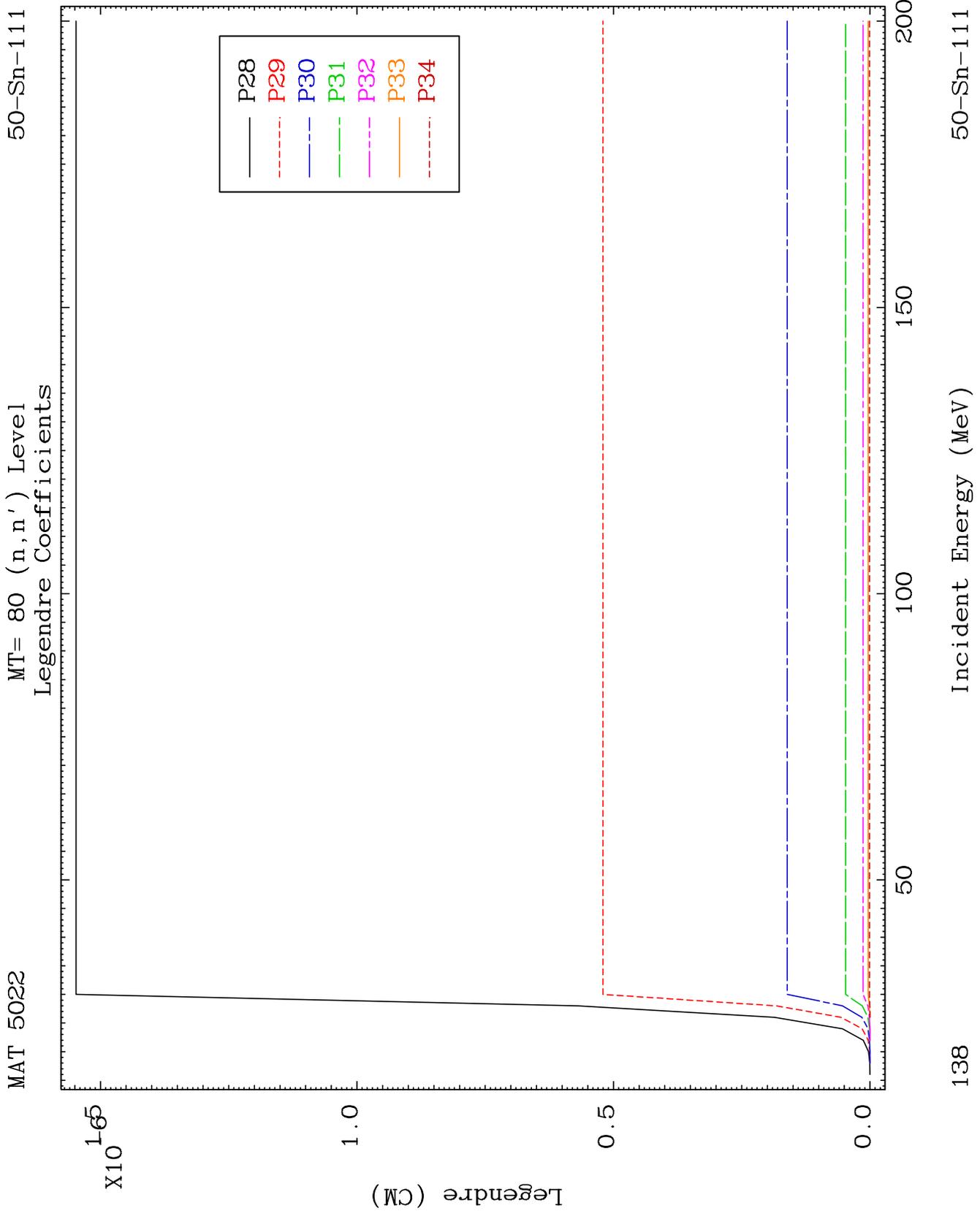


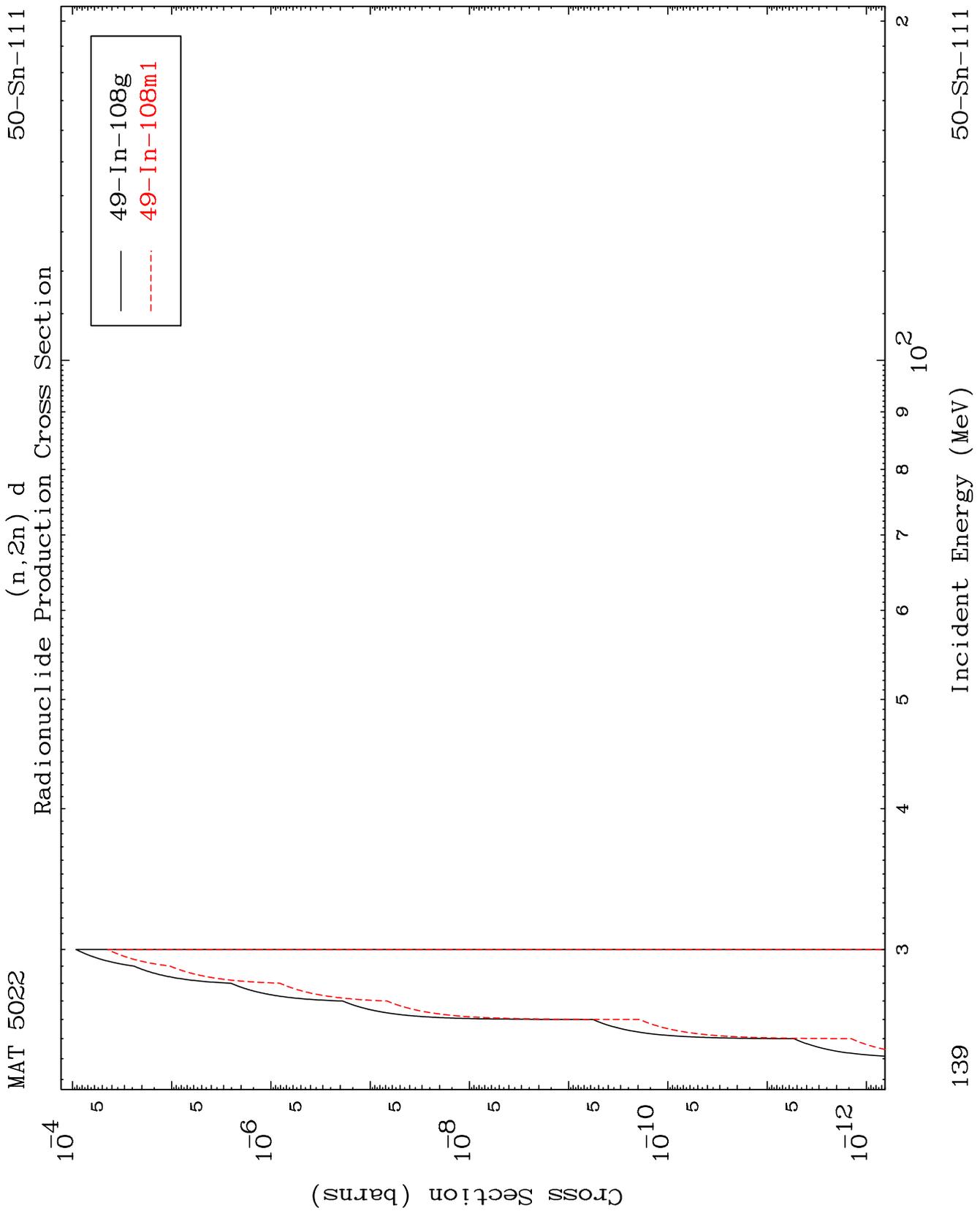










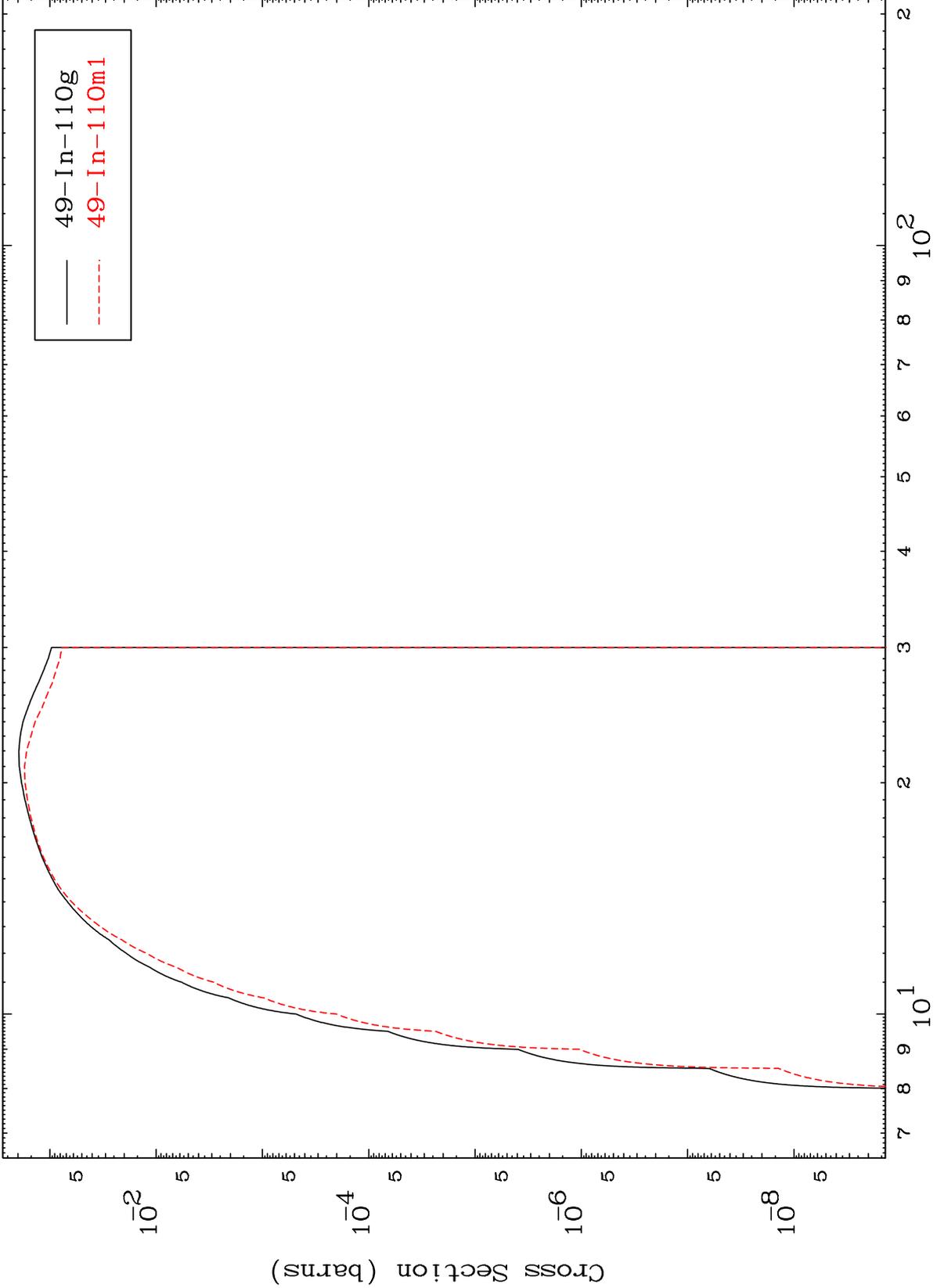


MAT 5022

(n,n') p

50-Sn-111

Radionuclide Production Cross Section



140

Incident Energy (MeV)

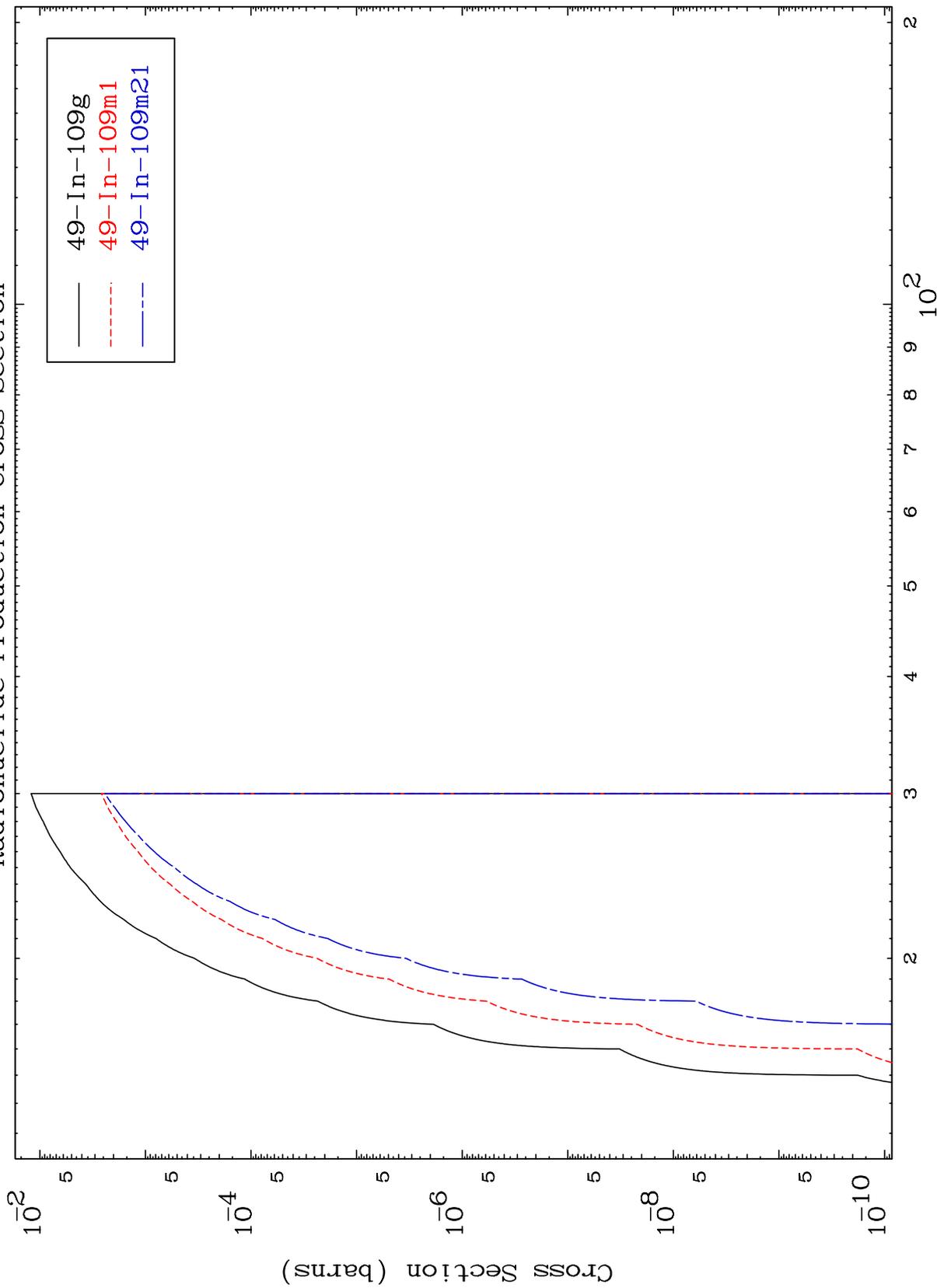
50-Sn-111

MAT 5022

(n,n') d

50-Sn-111

Radionuclide Production Cross Section

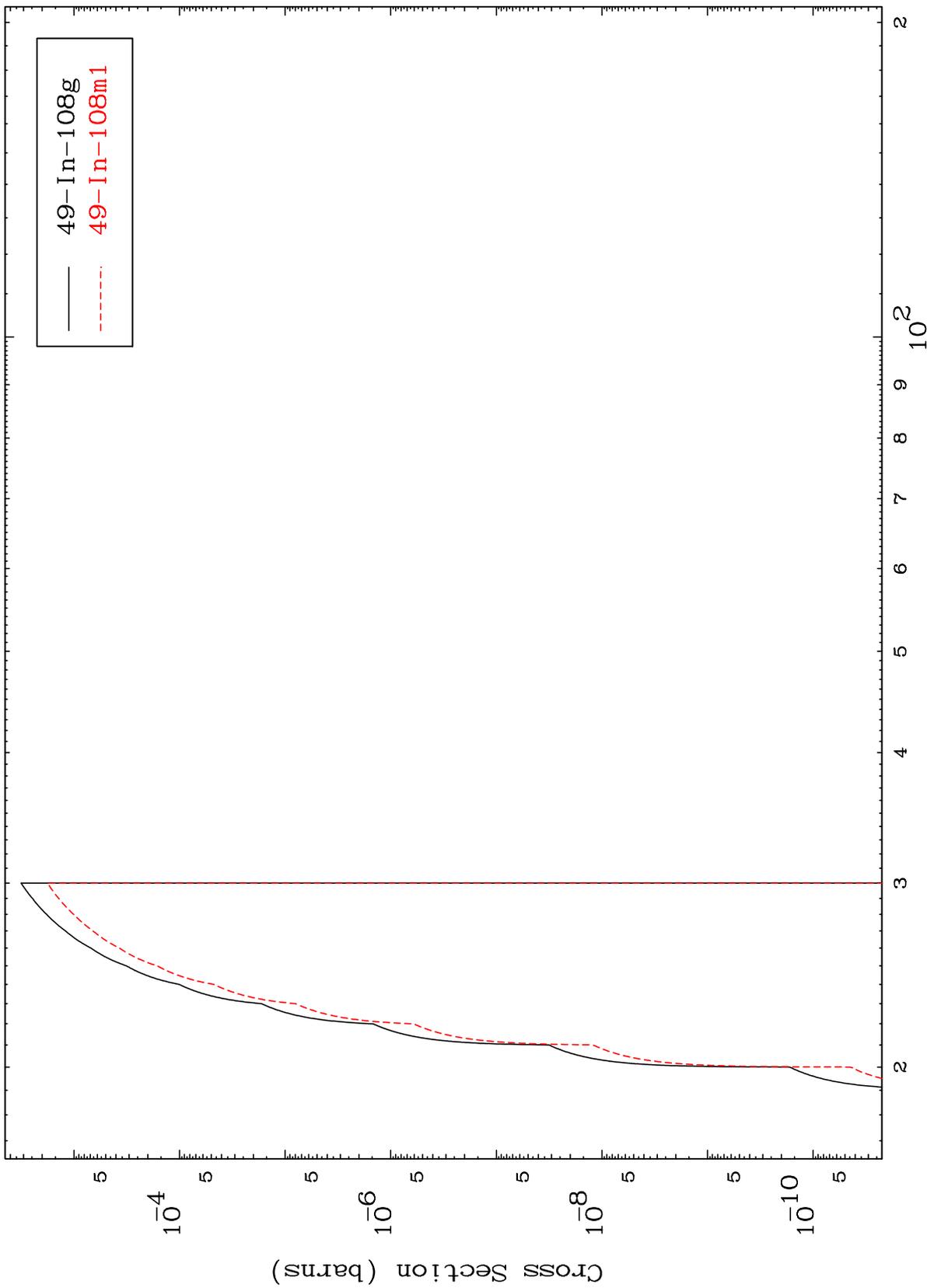


141

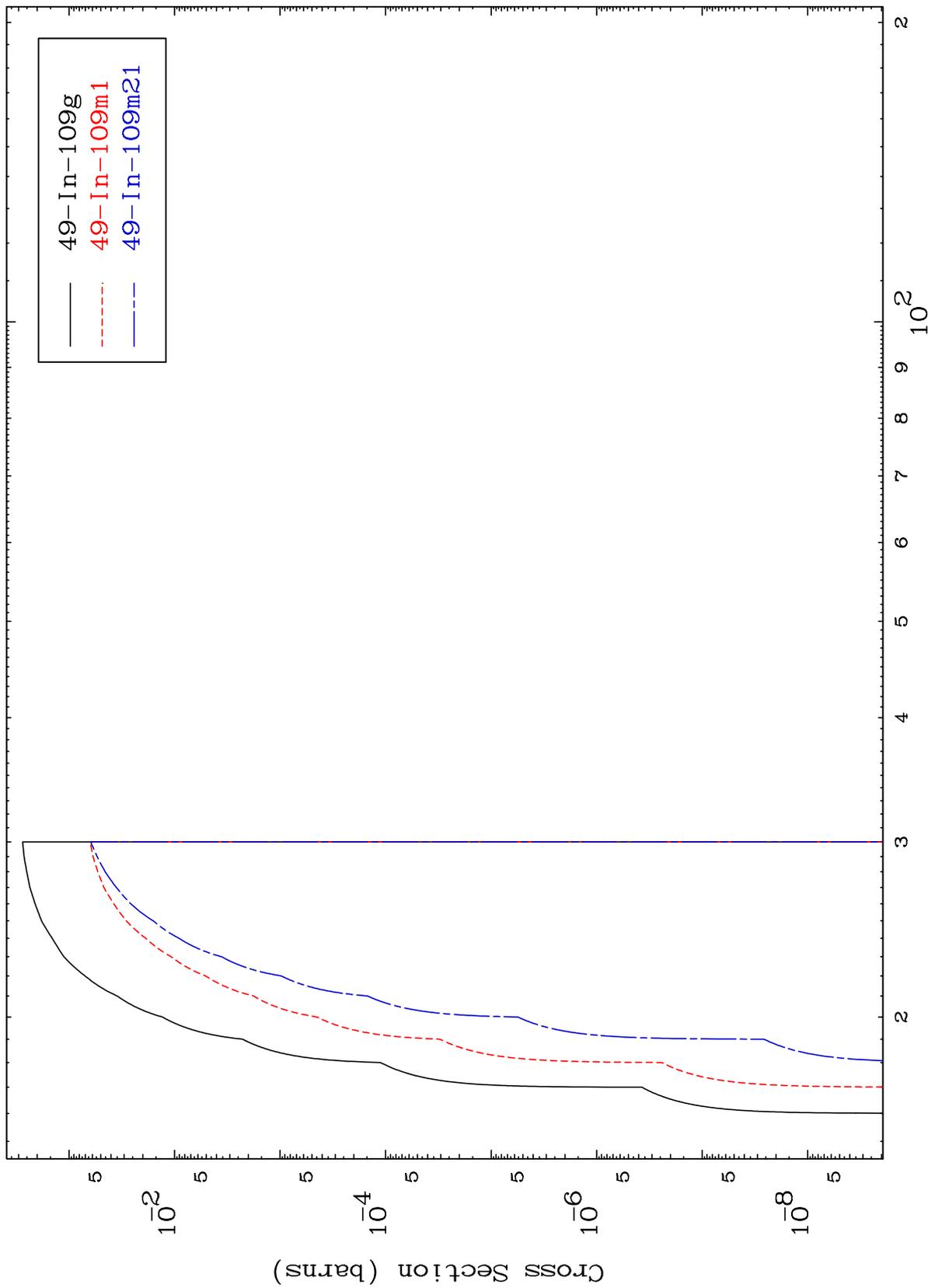
Incident Energy (MeV)

50-Sn-111

Radionuclide Production Cross Section



Radionuclide Production Cross Section

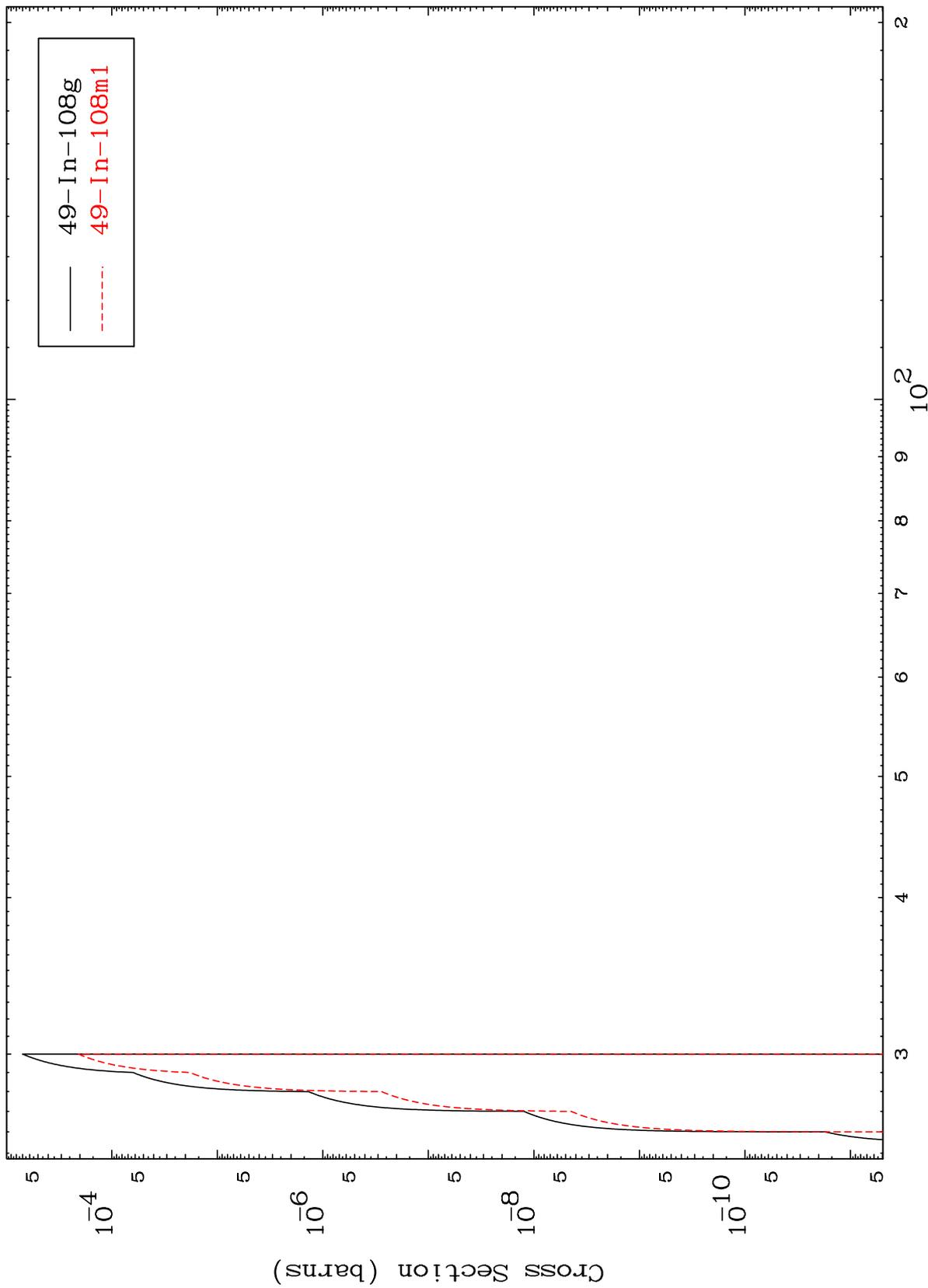


MAT 5022

(n,3n) p

50-Sn-111

Radionuclide Production Cross Section



144

Incident Energy (MeV)

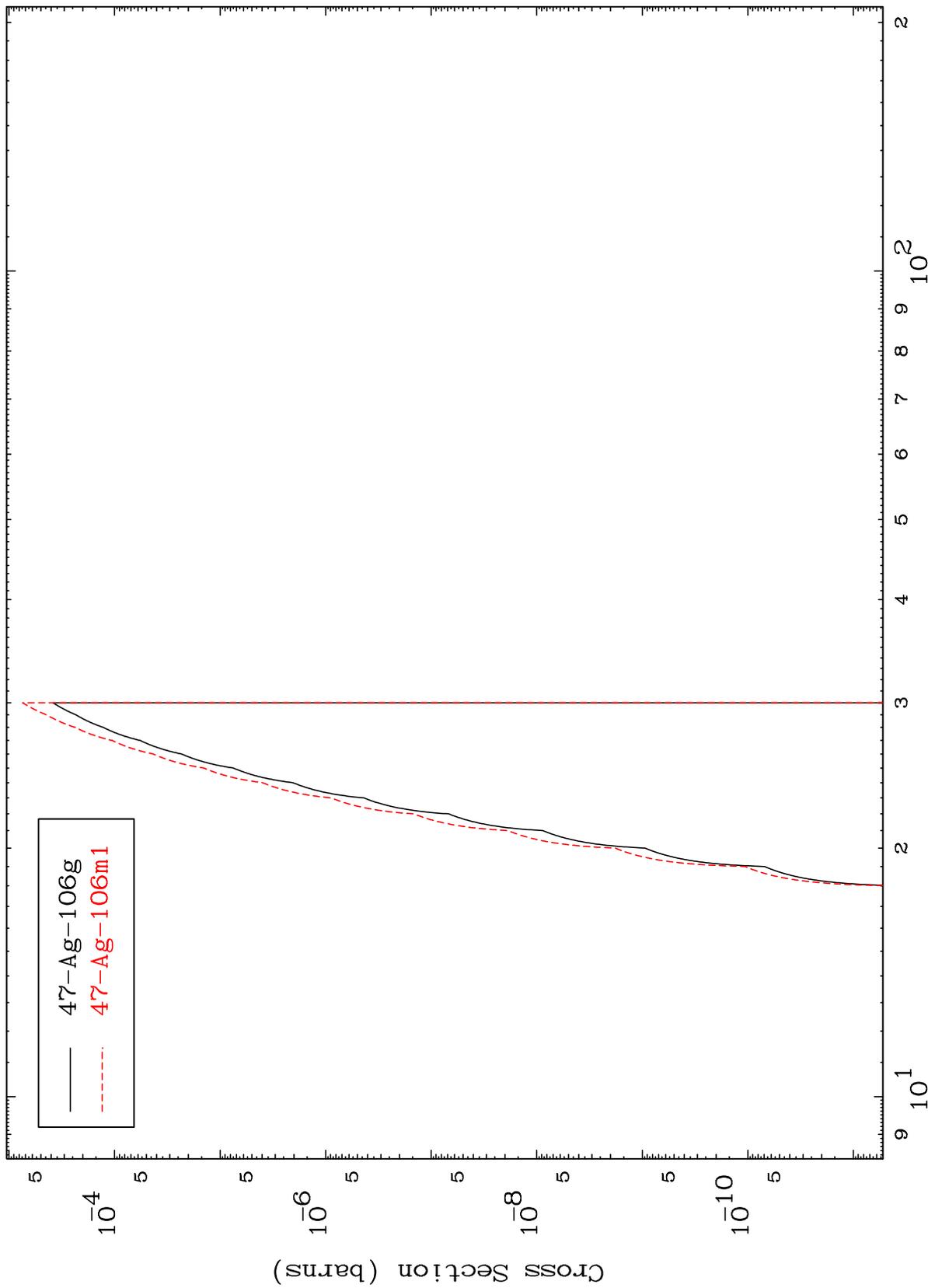
50-Sn-111

MAT 5022

(n,n') p α

50-Sn-111

Radionuclide Production Cross Section



145

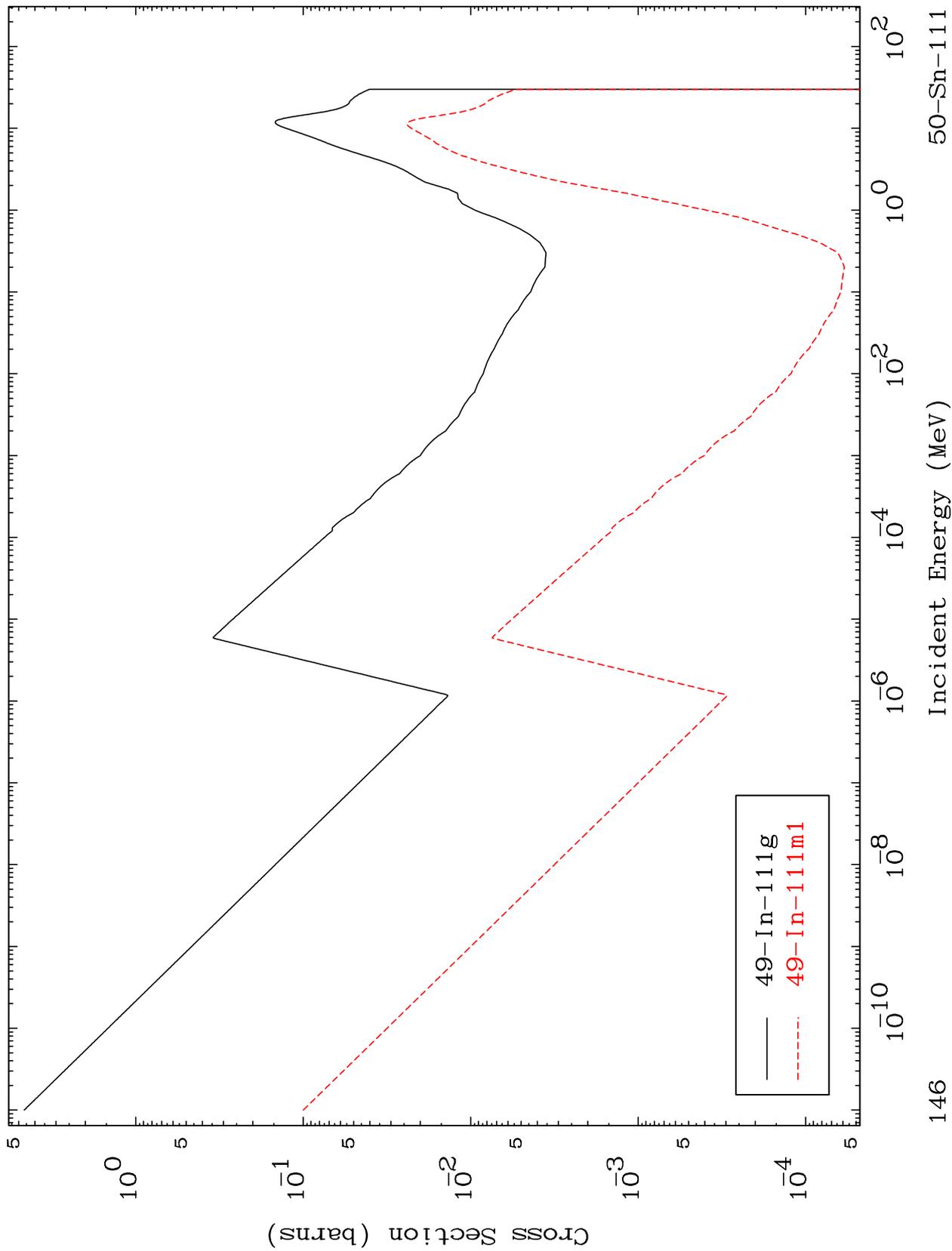
Incident Energy (MeV)

50-Sn-111

MAT 5022

50-Sn-111

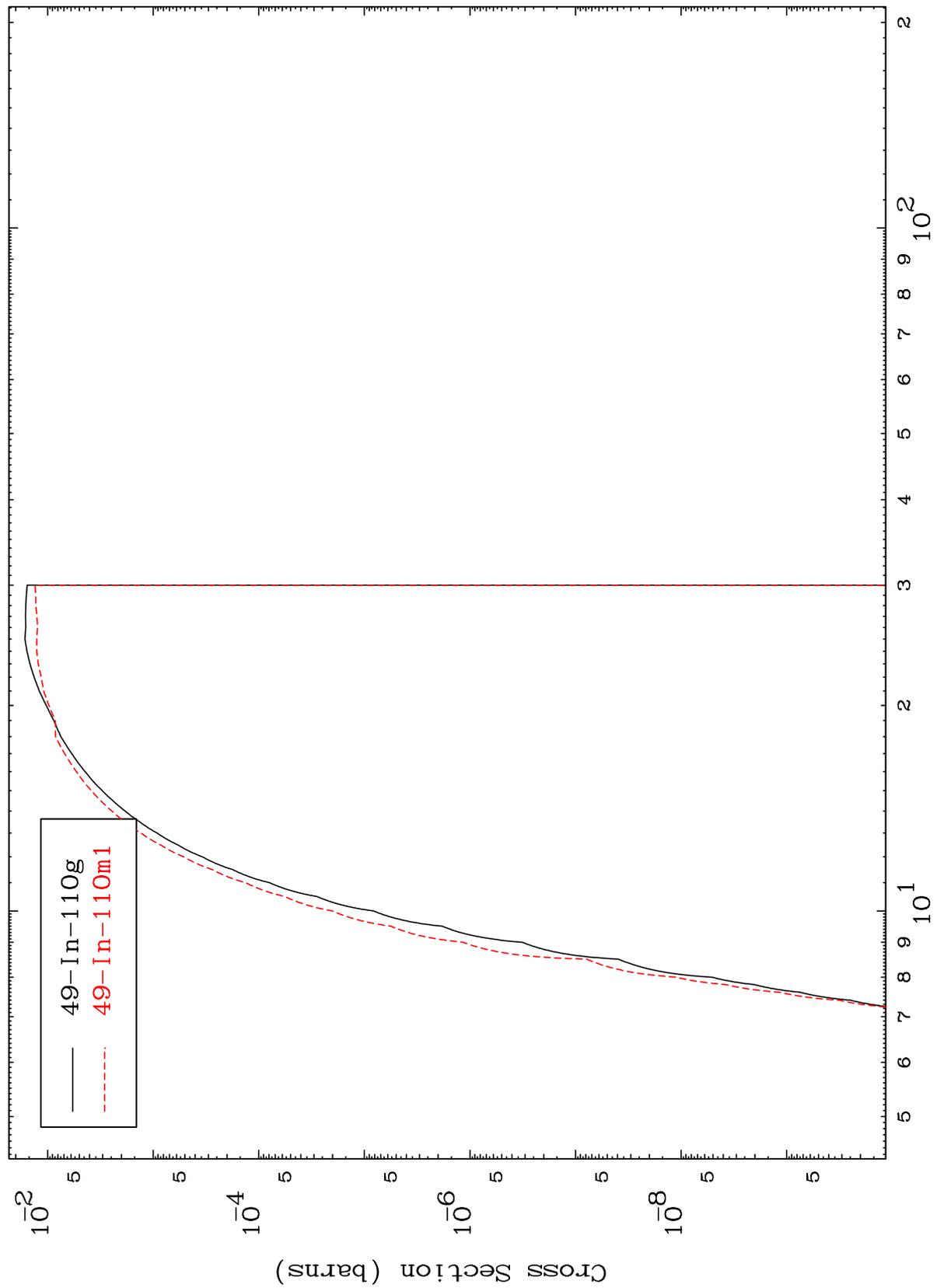
(n,p)
Radionuclide Production Cross Section



MAT 5022

50-Sn-111

(n,d)
Radionuclide Production Cross Section



147

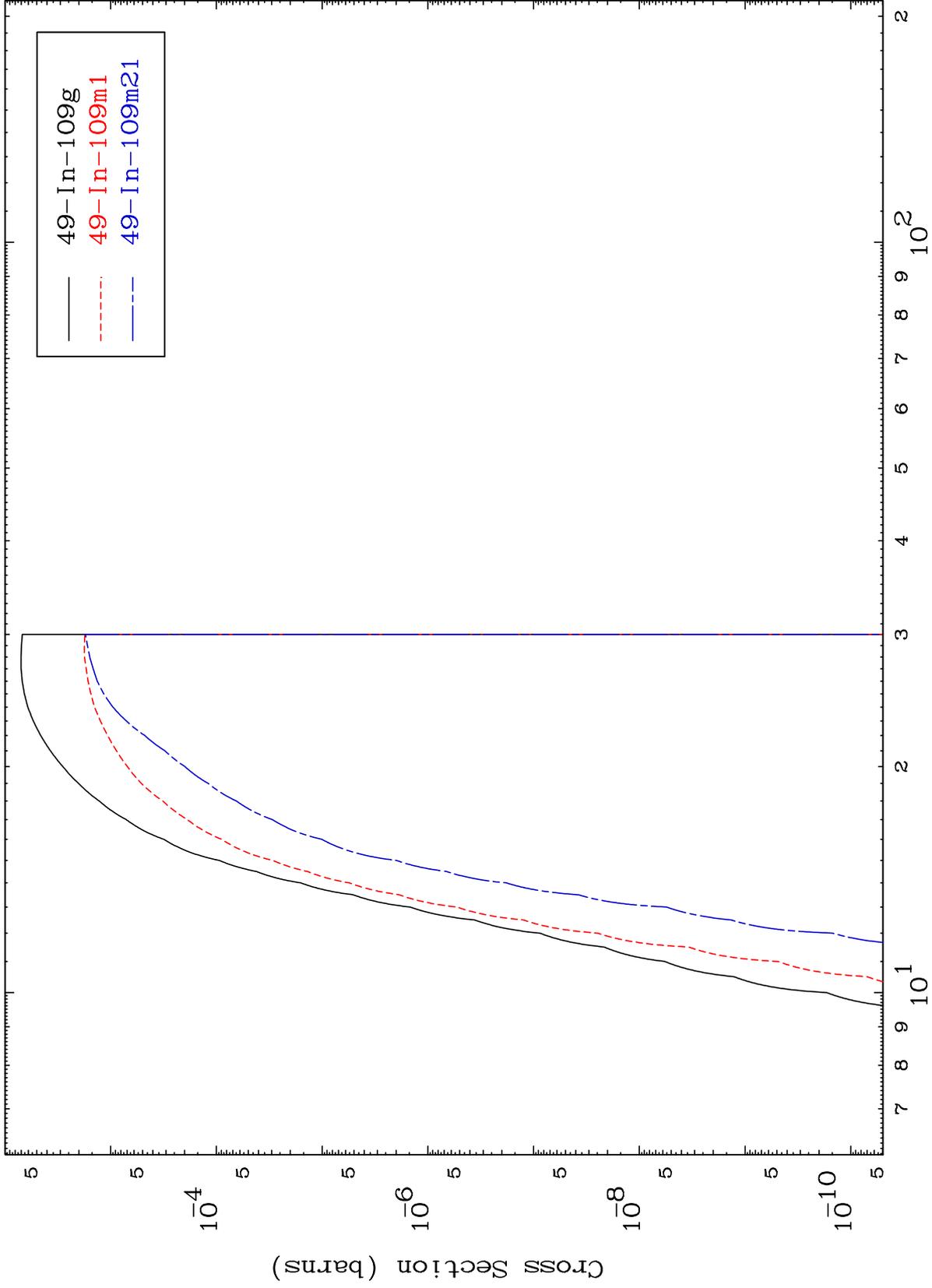
Incident Energy (MeV)

50-Sn-111

MAT 5022

50-Sn-111

(n, t)
Radionuclide Production Cross Section



148

Incident Energy (MeV)

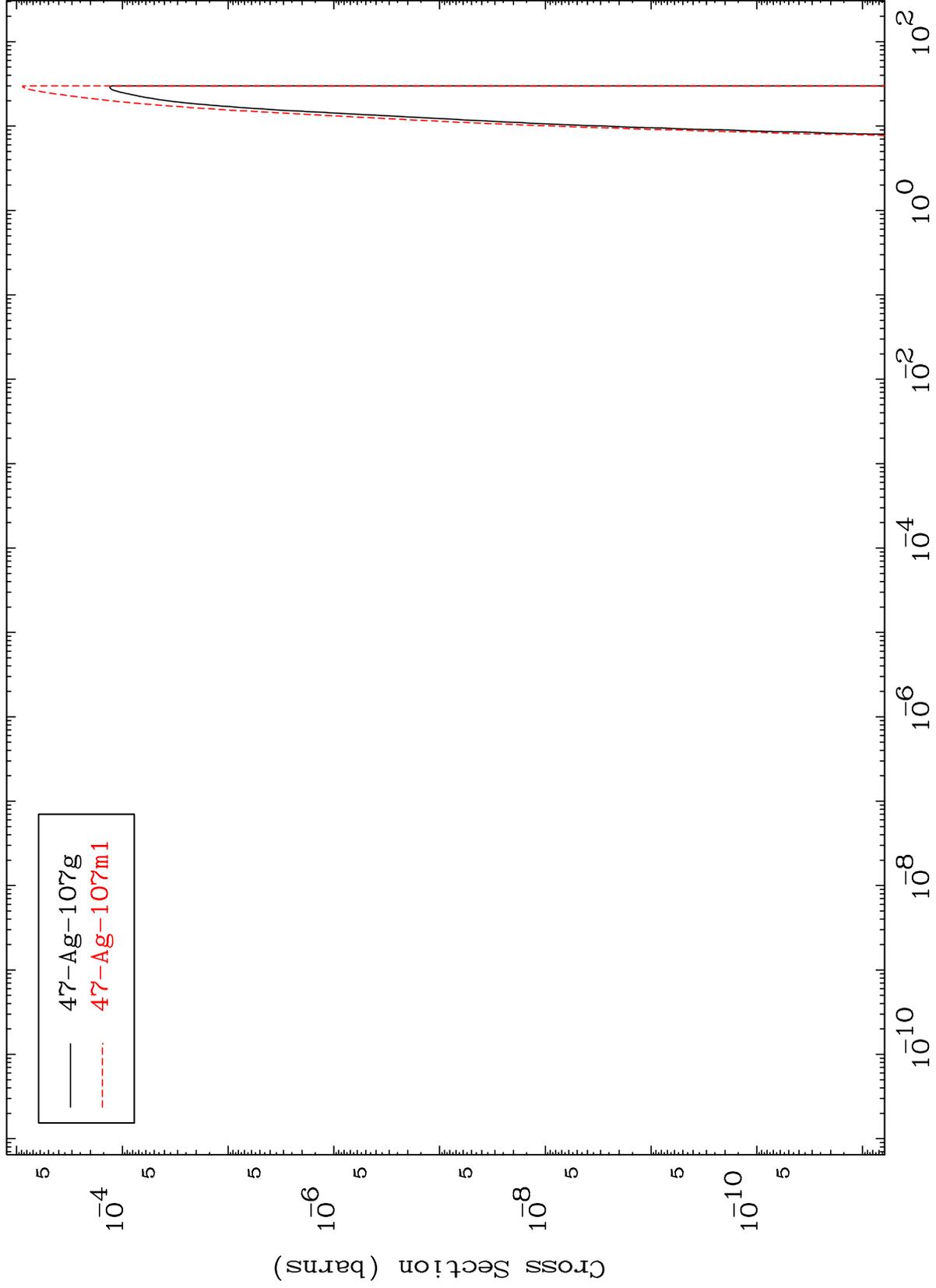
50-Sn-111

MAT 5022

(n,p) α

50-Sn-111

Radionuclide Production Cross Section



149

Incident Energy (MeV)

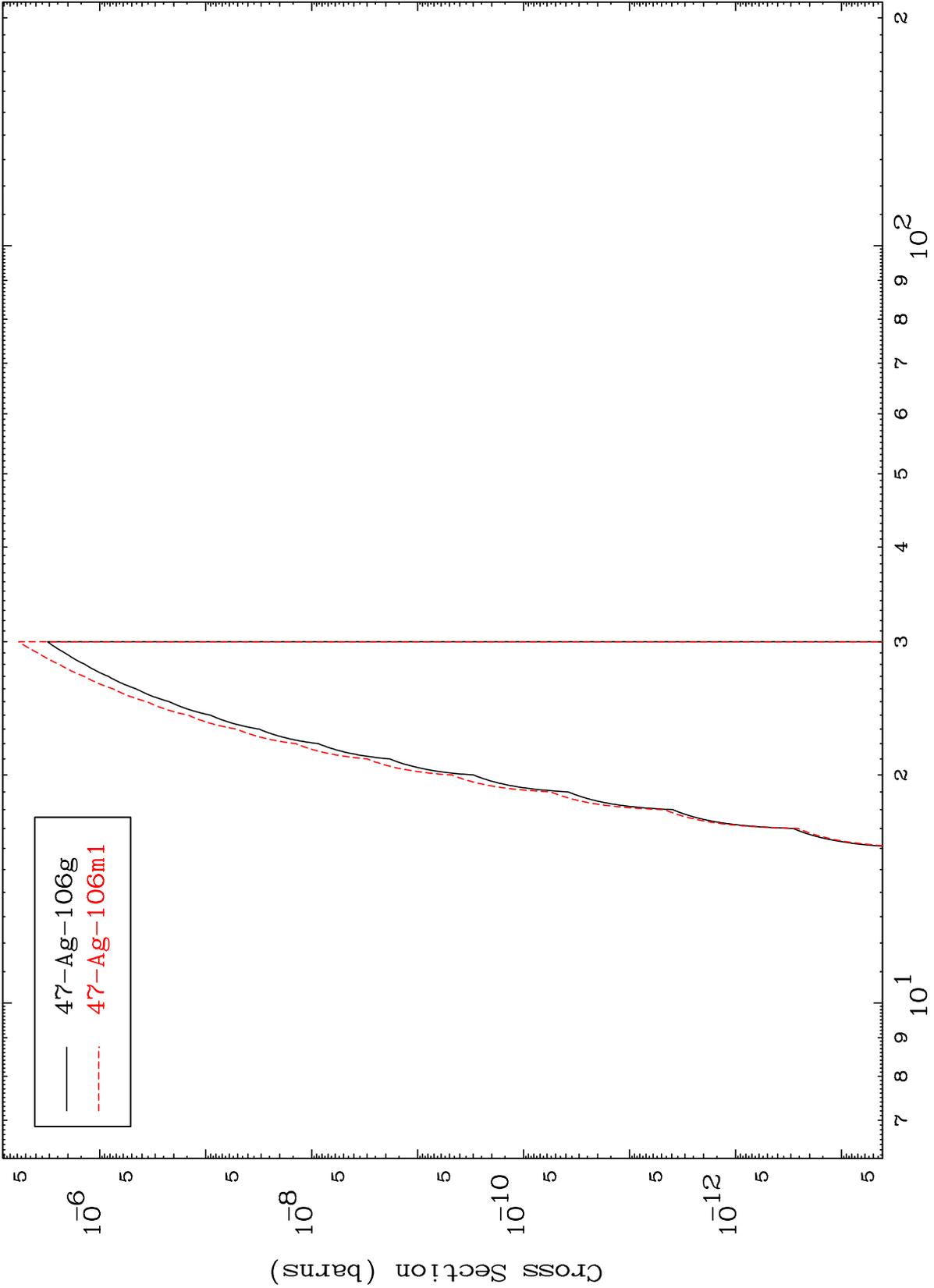
50-Sn-111

MAT 5022

50-Sn-111

(n,d) α

Radionuclide Production Cross Section



— 47-Ag-106g
- - - 47-Ag-106m1

150

Incident Energy (MeV)

50-Sn-111