

Program EVALPLOT
(Version 2017-1)

by

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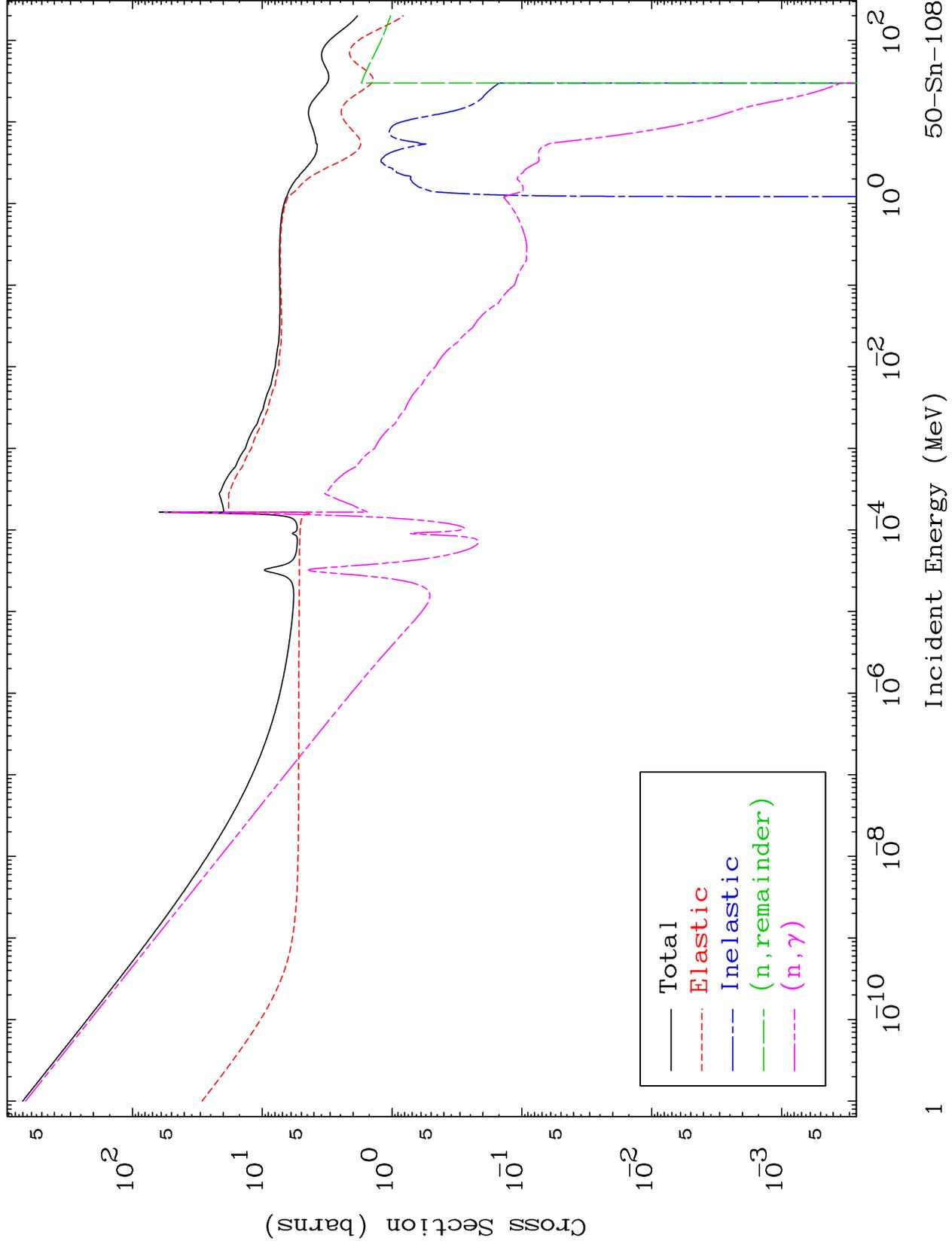
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Press Mouse Button to Start

MAT 5013

Major
293 Kelvin Cross Sections

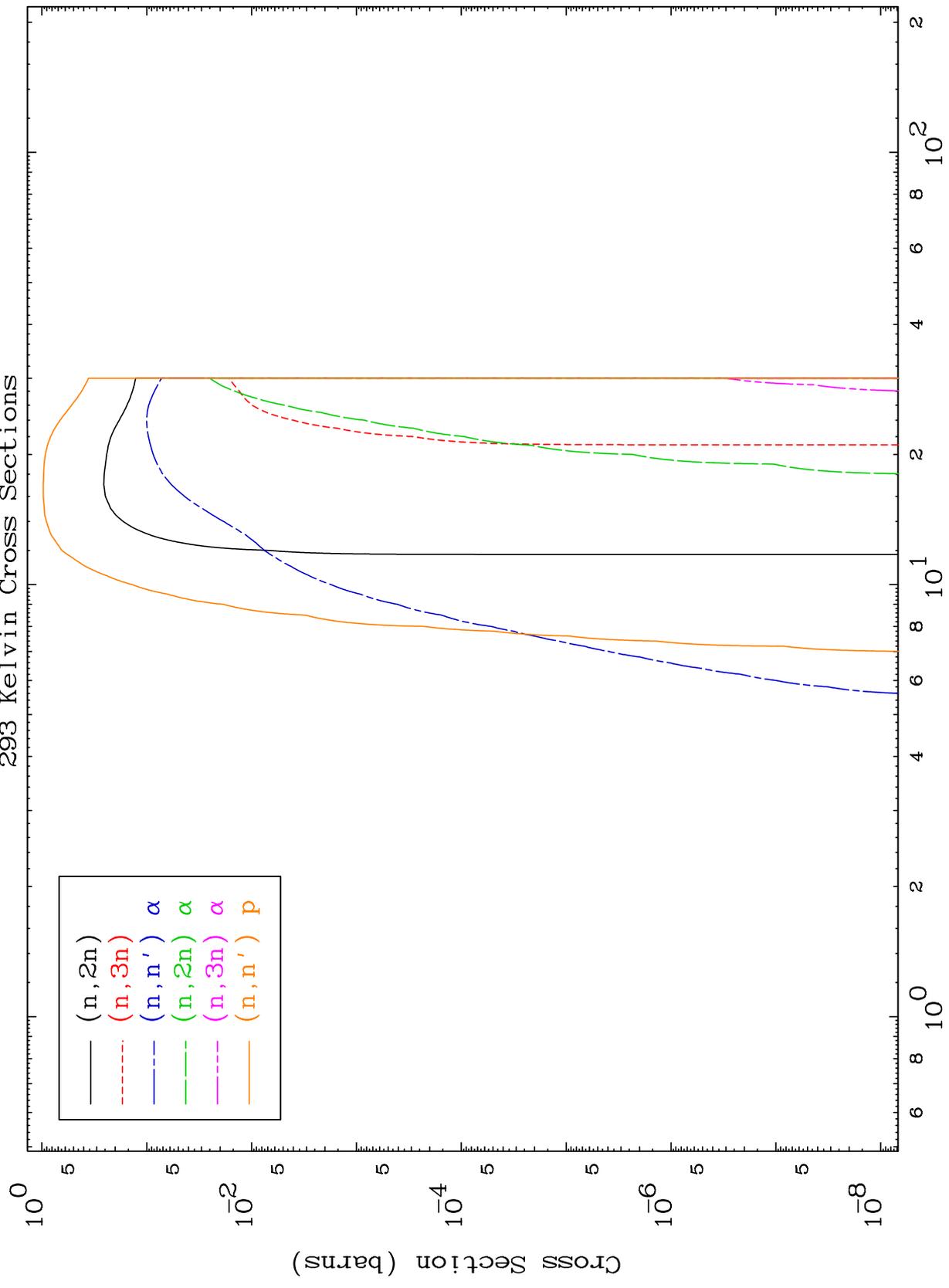
50-Sn-108



MAT 5013

Neutron Production
293 Kelvin Cross Sections

50-Sn-108



2

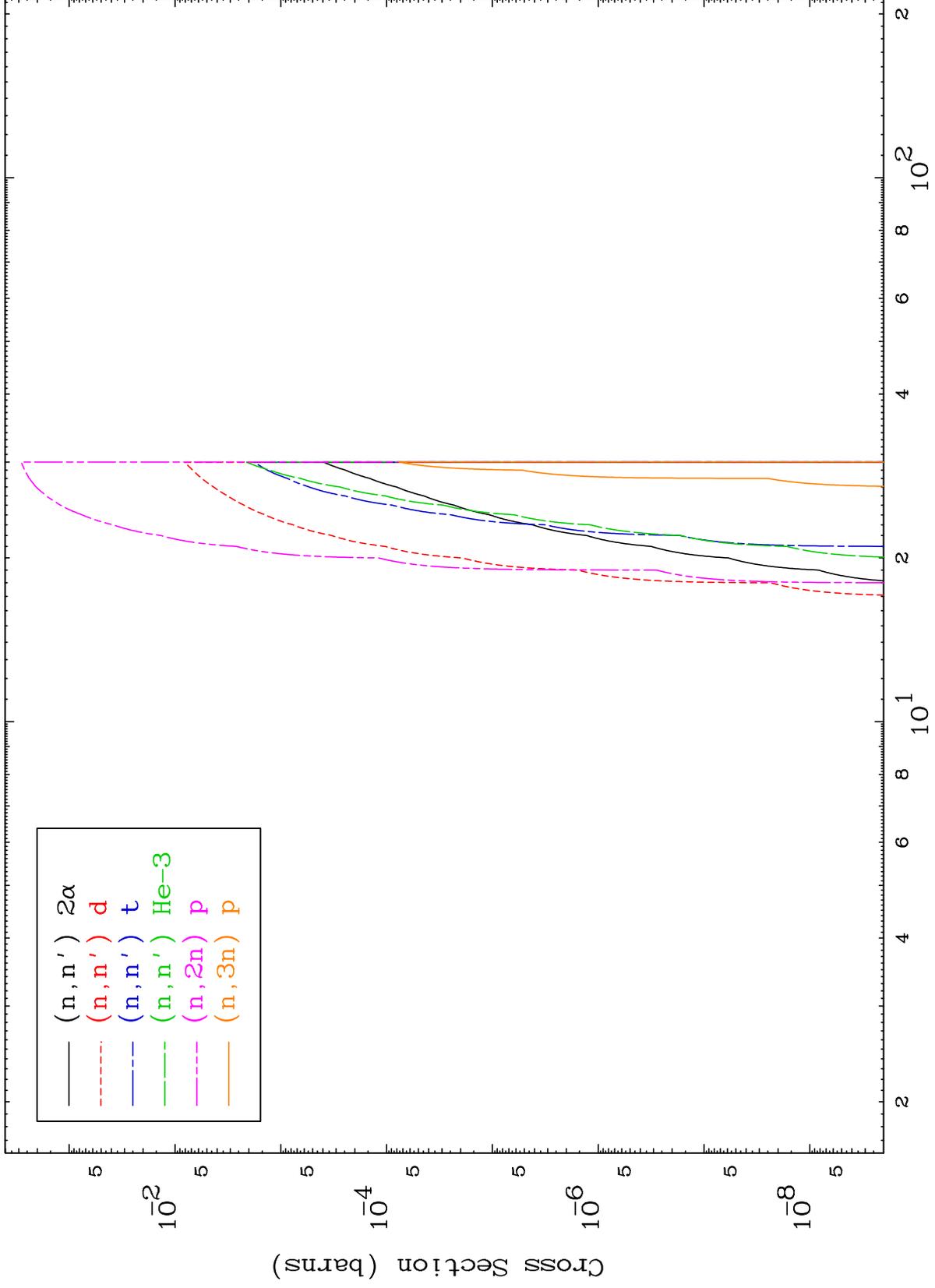
Incident Energy (MeV)

50-Sn-108

MAT 5013

Neutron Production
293 Kelvin Cross Sections

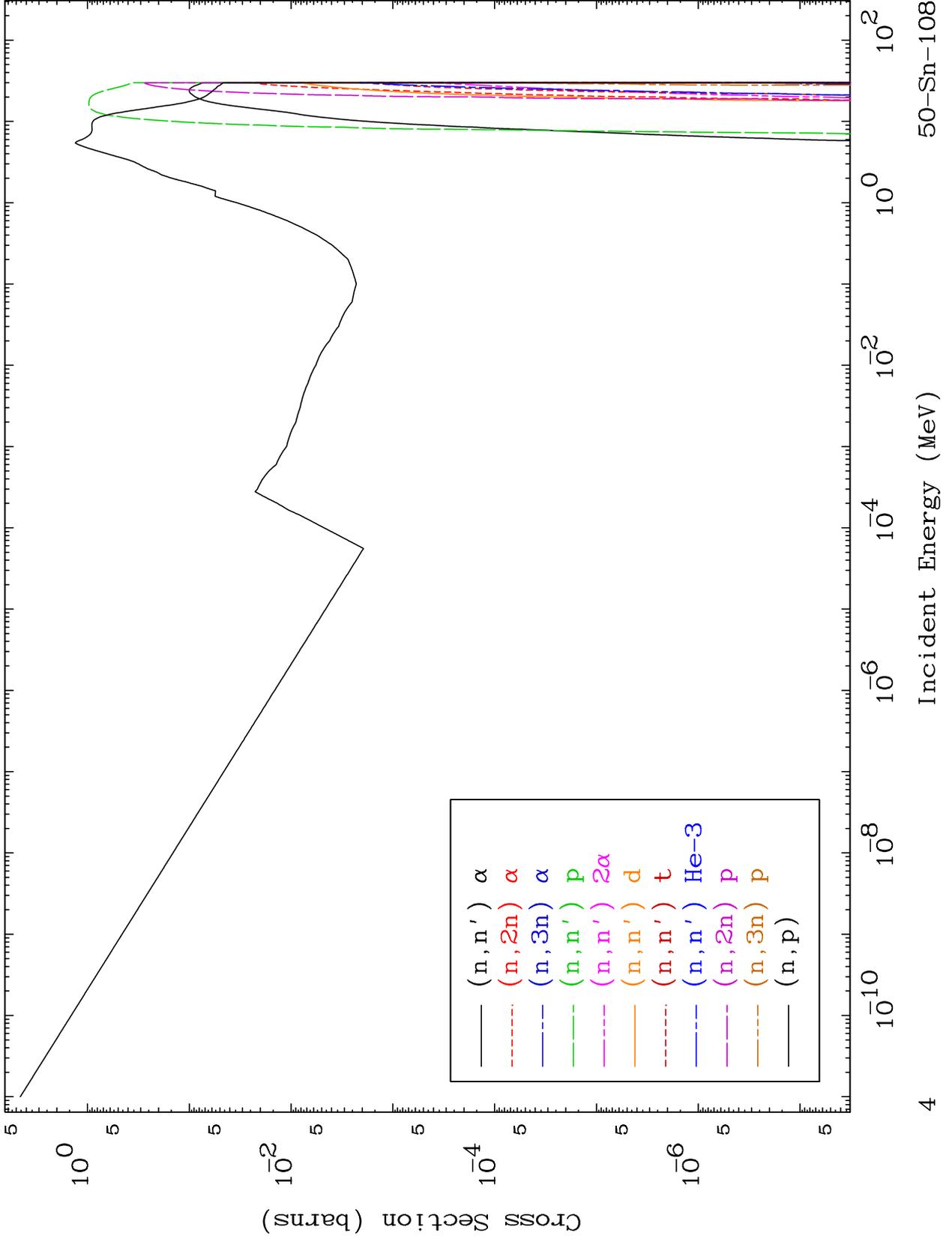
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MAT 5013

Charged Particle
293 Kelvin Cross Sections

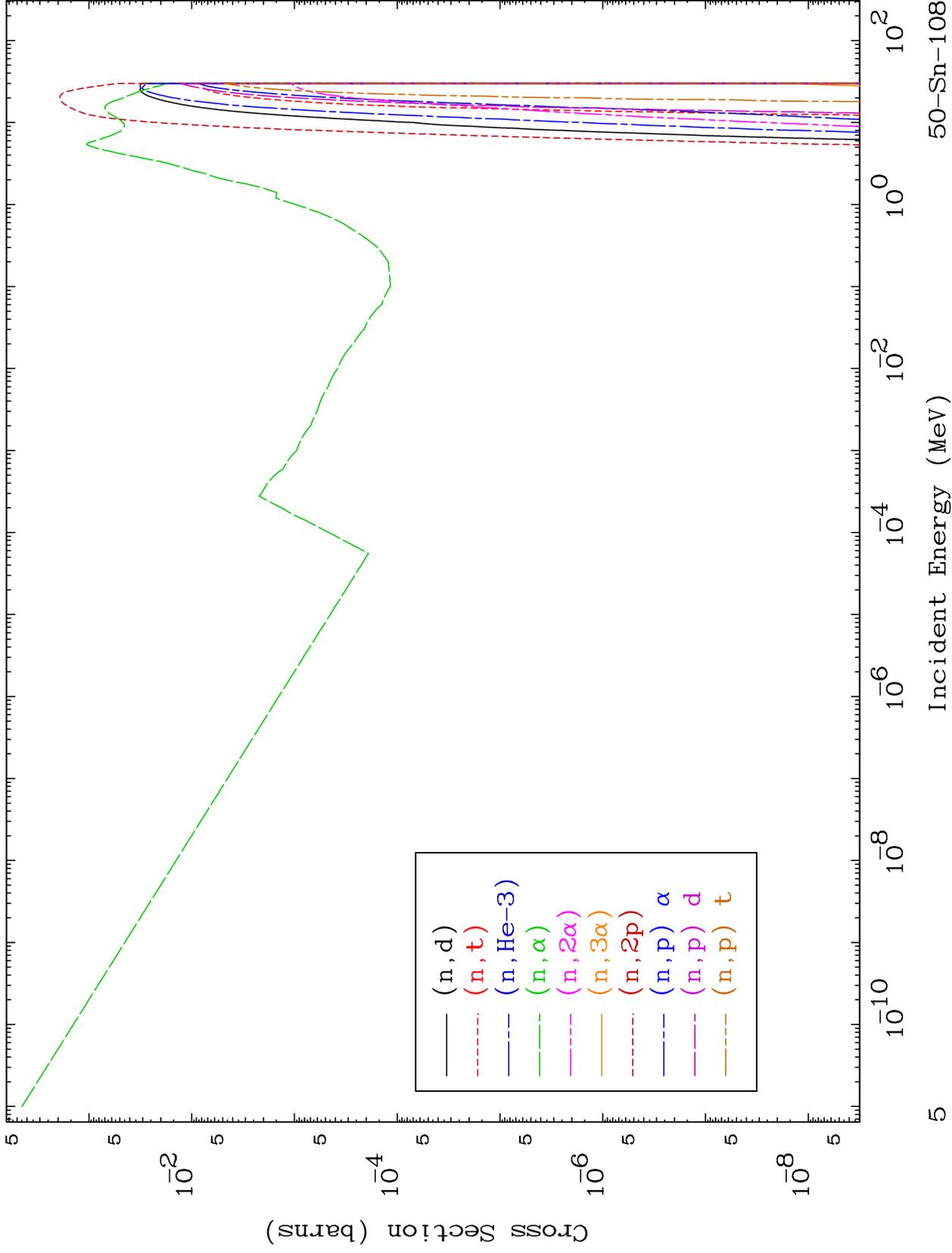
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MAT 5013

Charged Particle
293 Kelvin Cross Sections

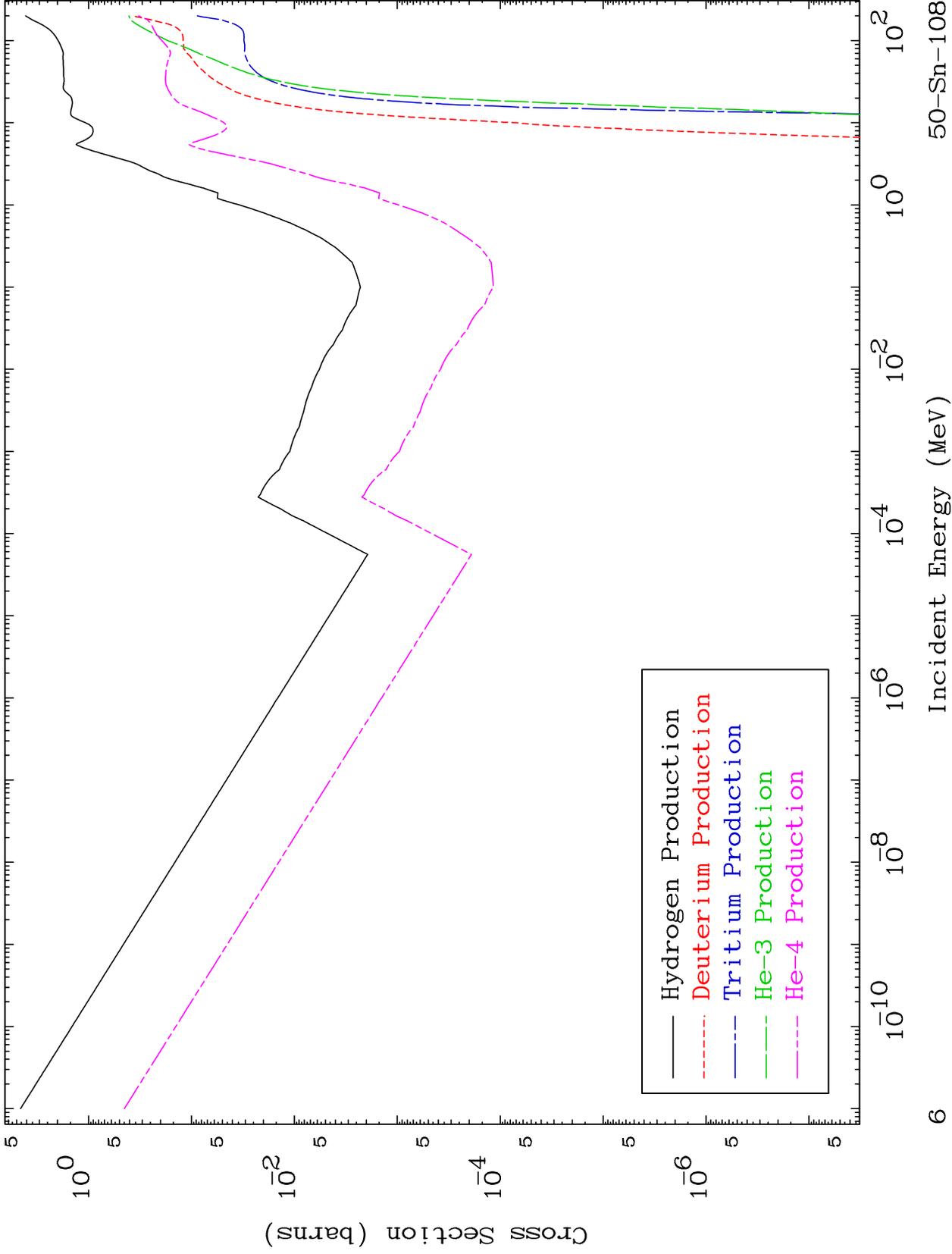
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MAT 5013

Particle Production
293 Kelvin Cross Sections

50-Sn-108

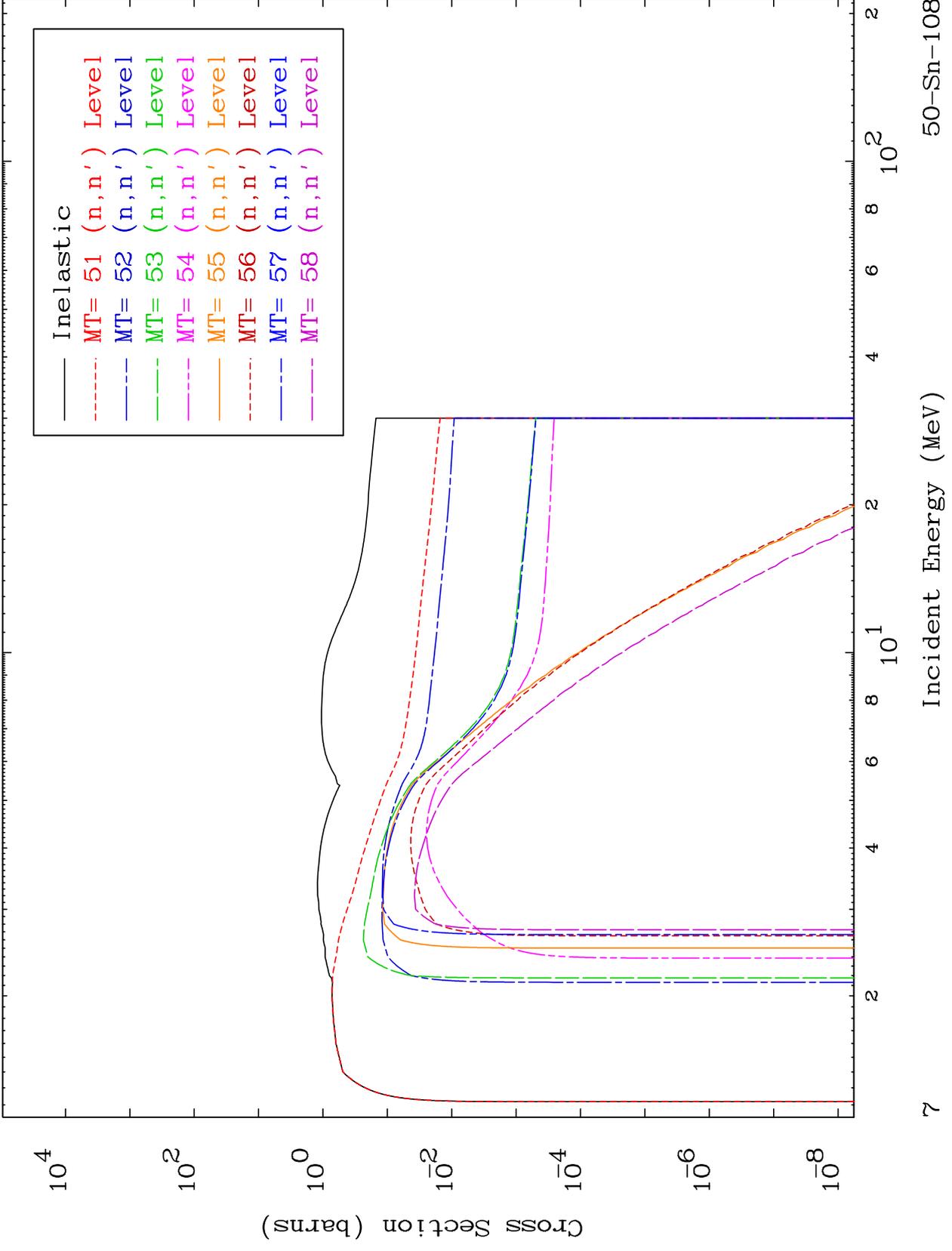


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(n,n') Level

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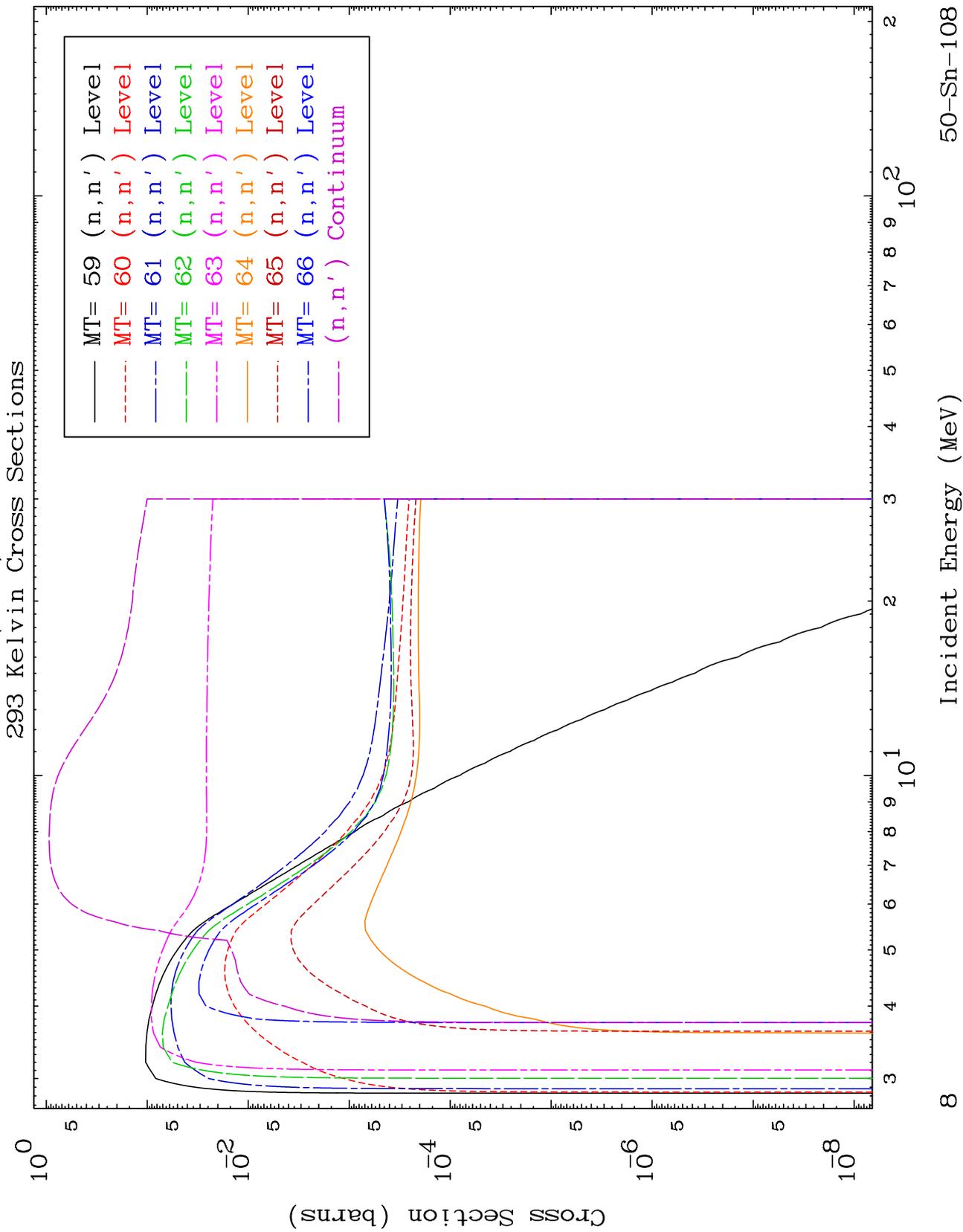
293 Kelvin Cross Sections



MAT 5013

(n,n') Level

50-Sn-108

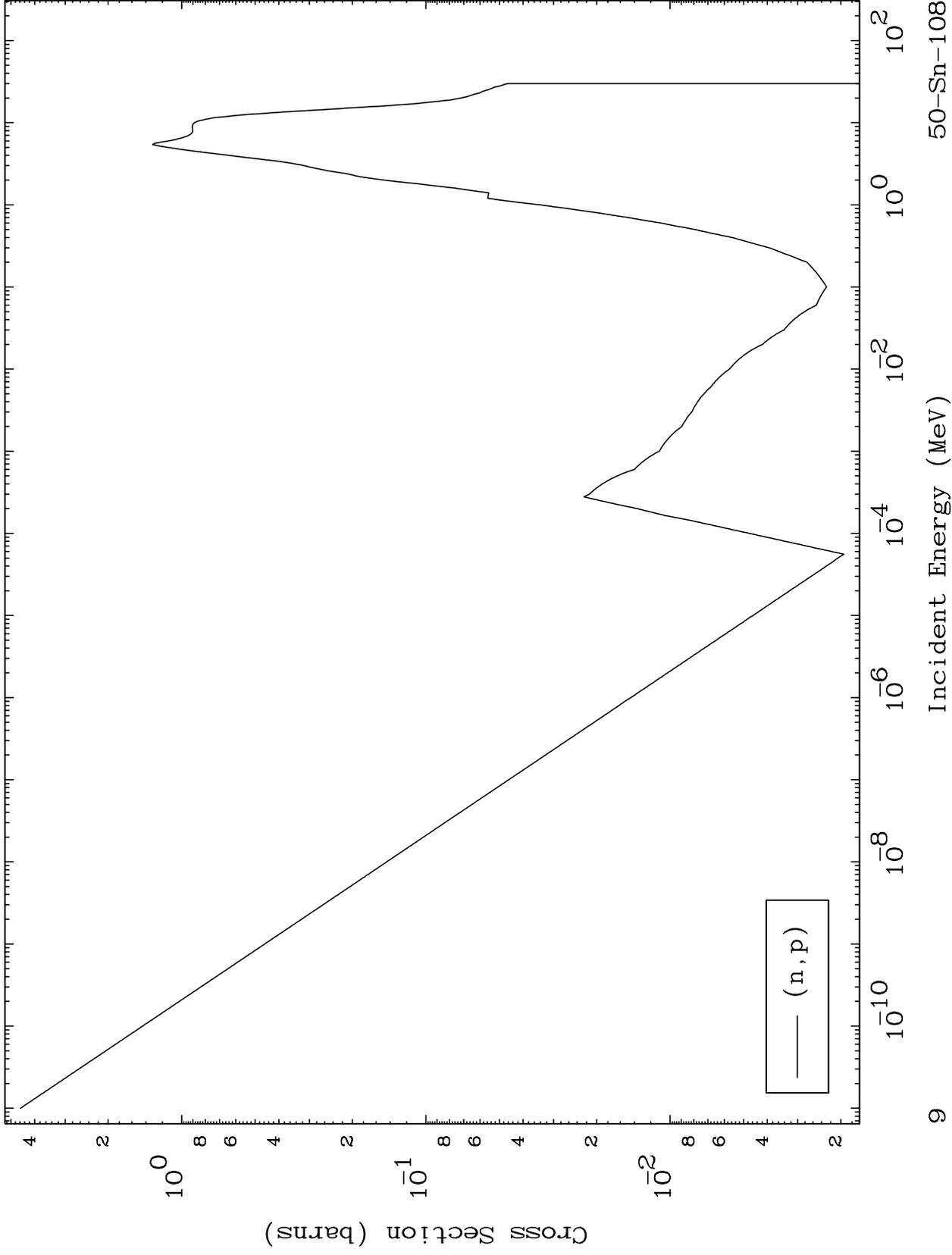


8

MAT 5013

(n,p) Levels
293 Kelvin Cross Sections

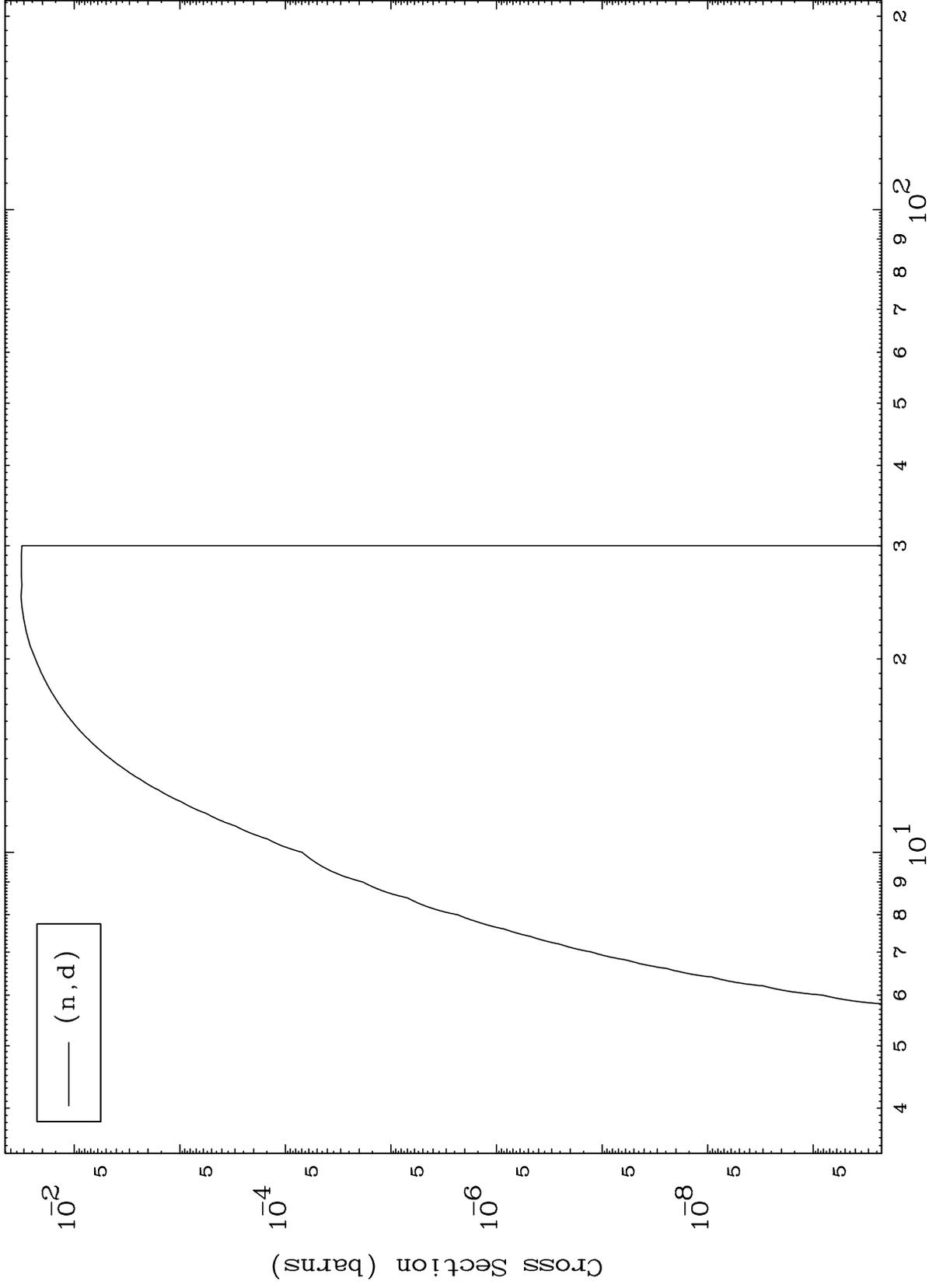
50-Sn-108



MAT 5013

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-108



10

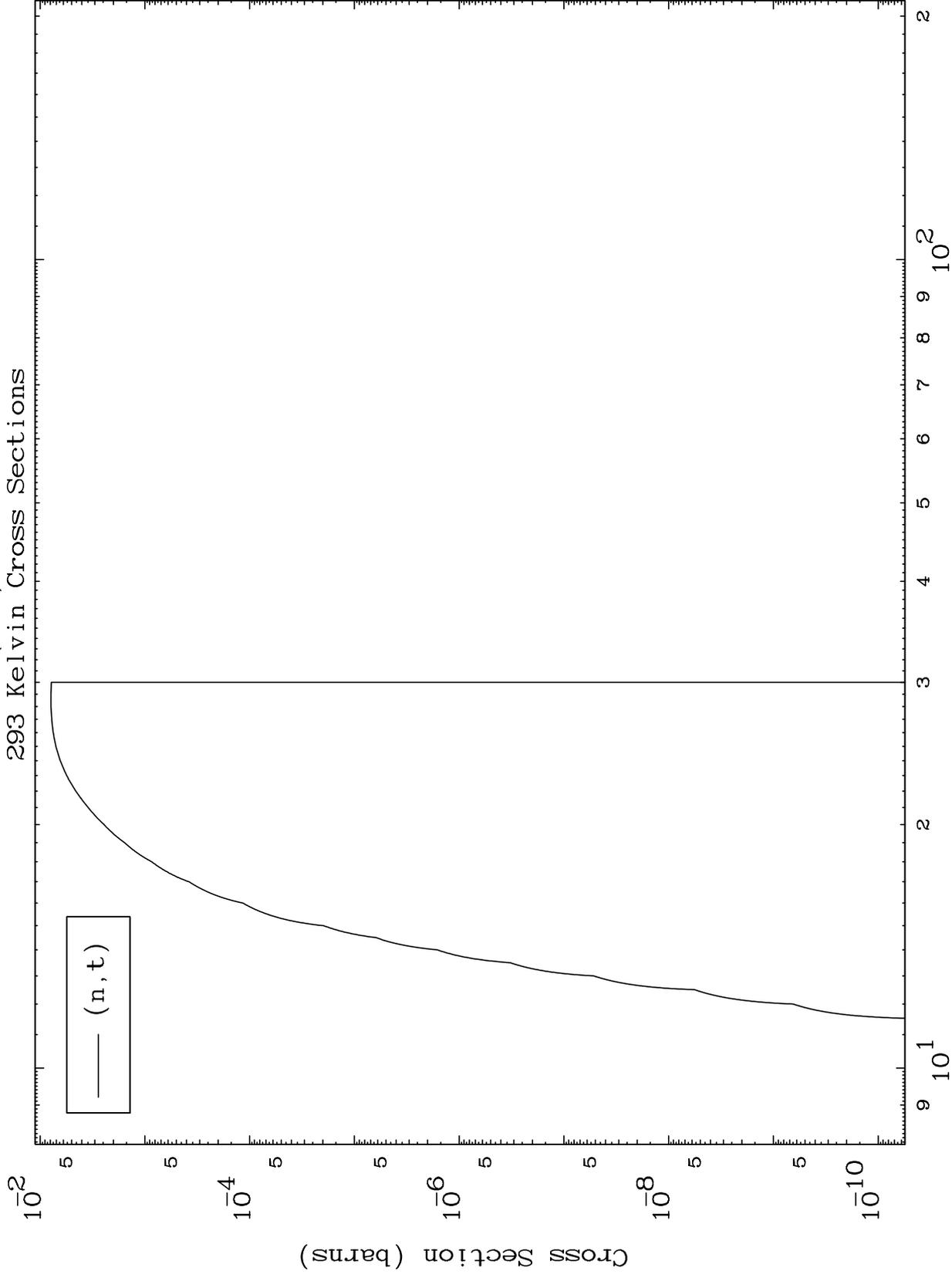
Incident Energy (MeV)

50-Sn-108

MAT 5013

(n,t) Levels
293 Kelvin Cross Sections

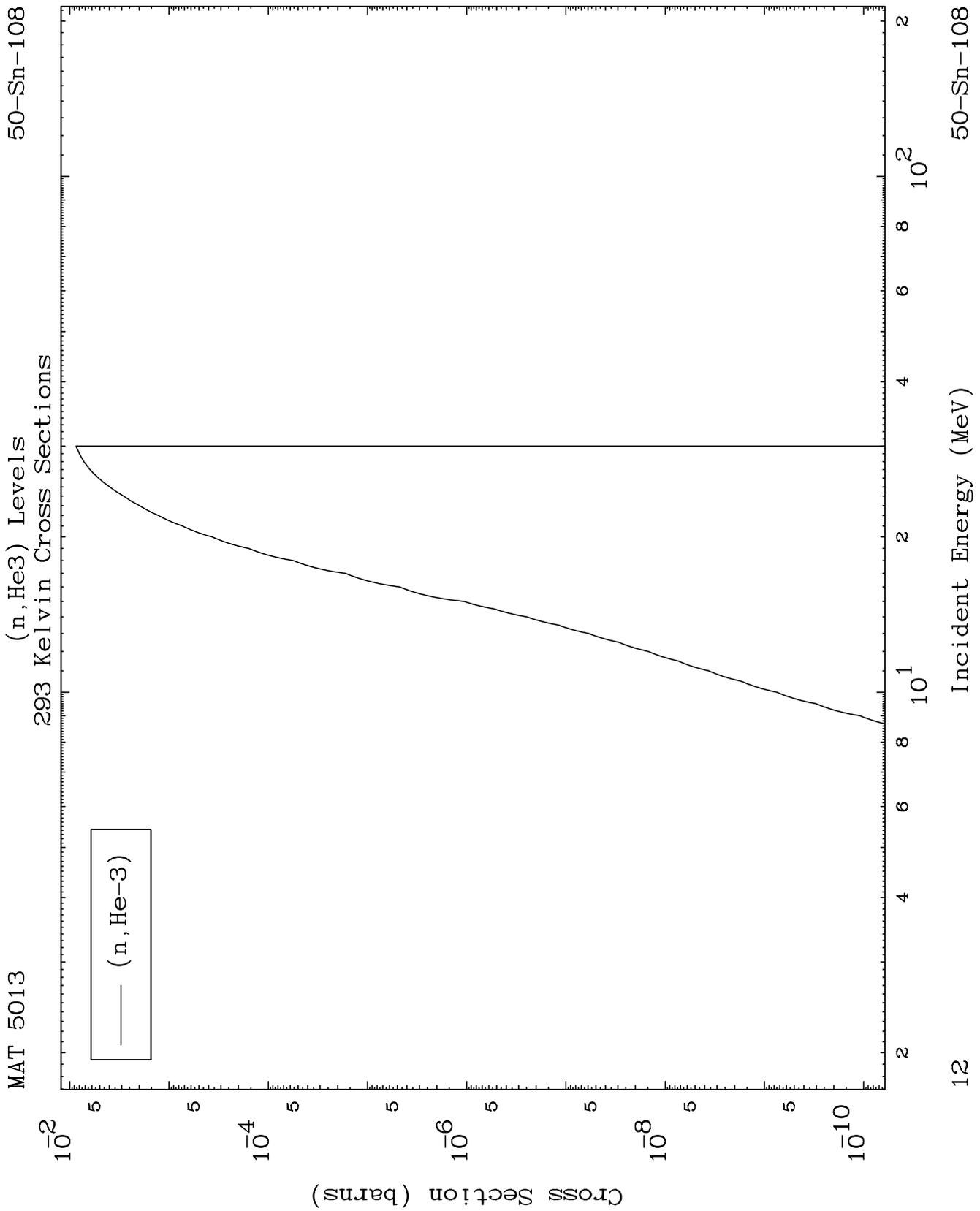
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11

Incident Energy (MeV)

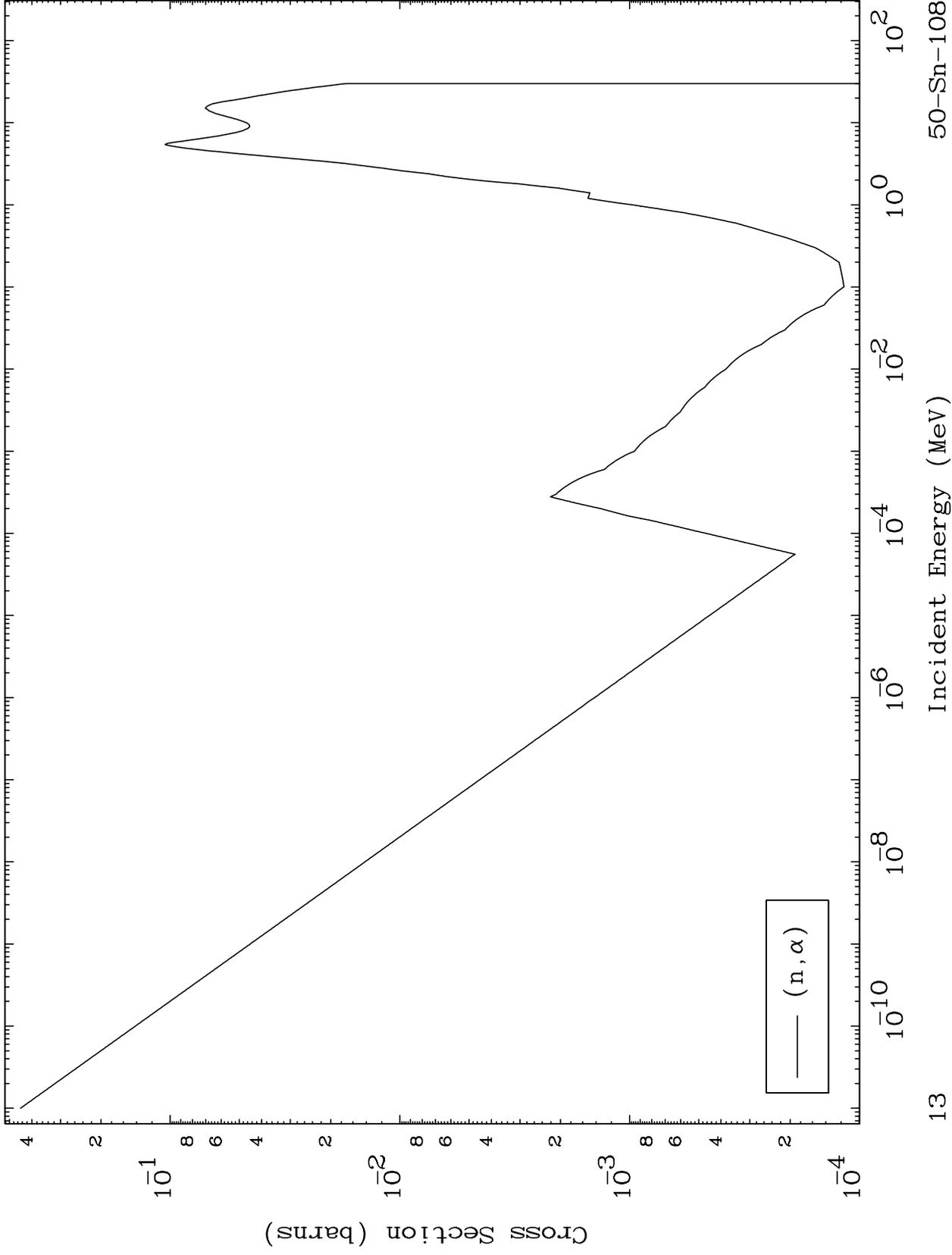
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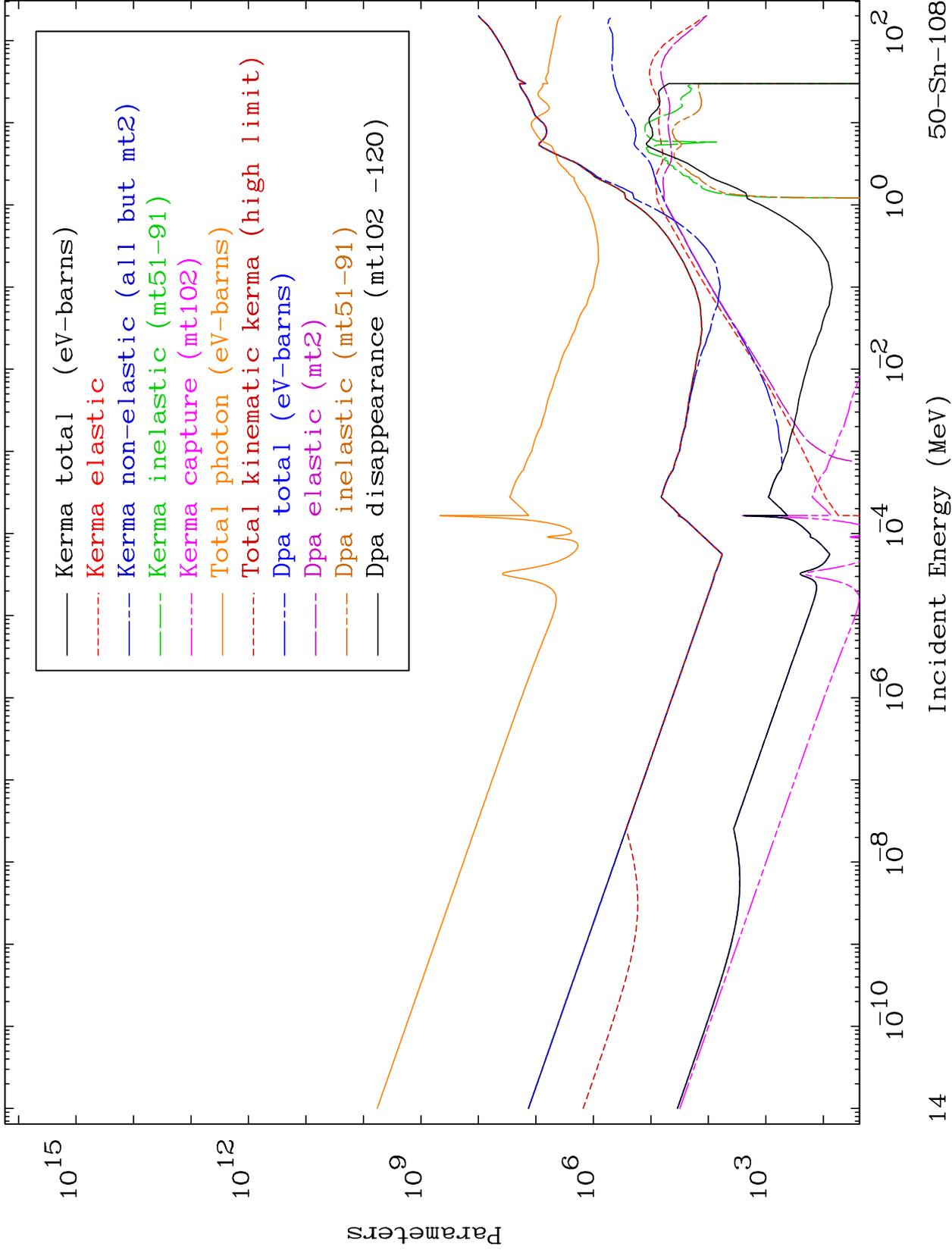
(n,α) Levels
293 Kelvin Cross Sections

50-Sn-108



13

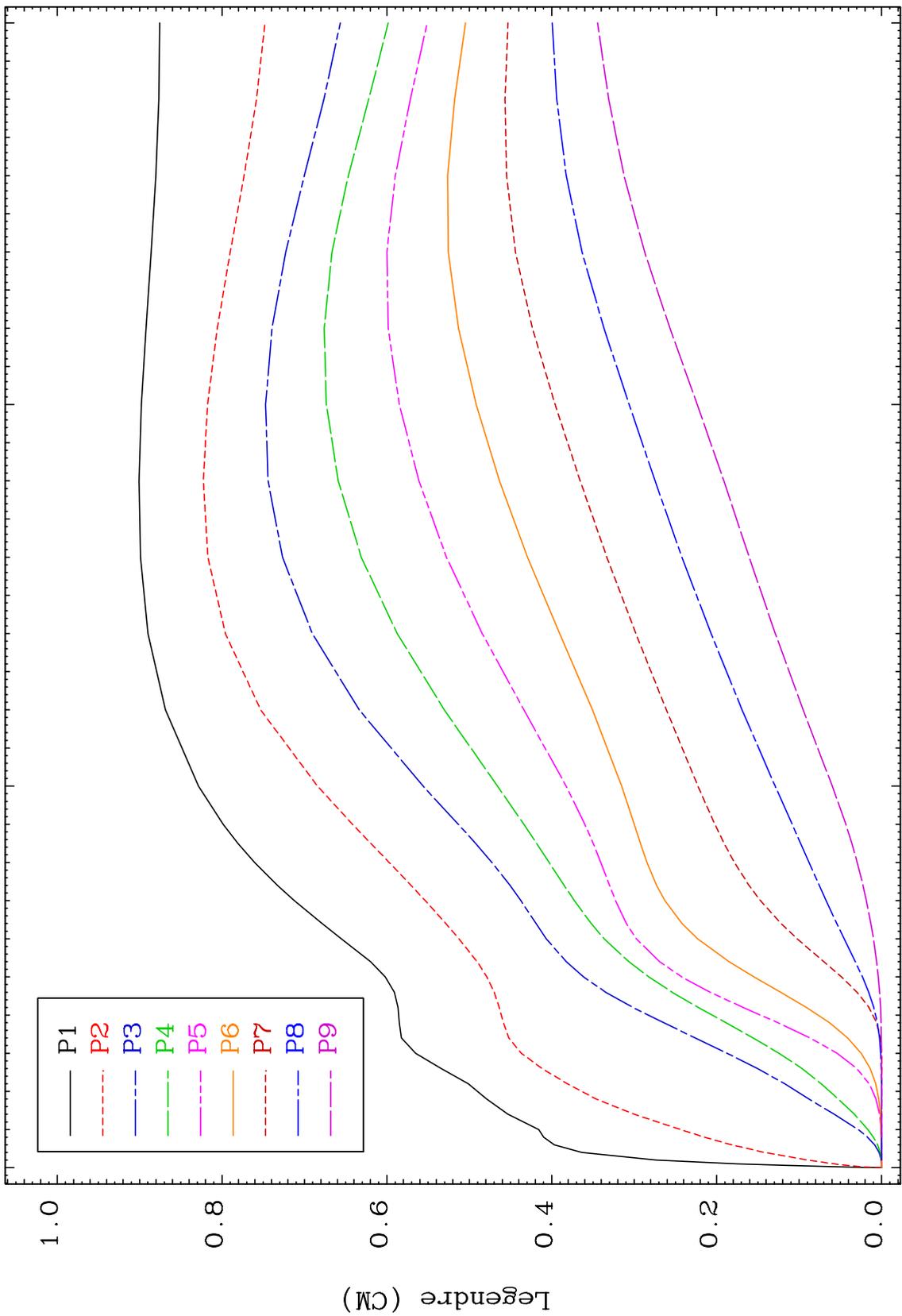
50-Sn-108



MAT 5013

Elastic Legendre Coefficients

50-Sn-108



15

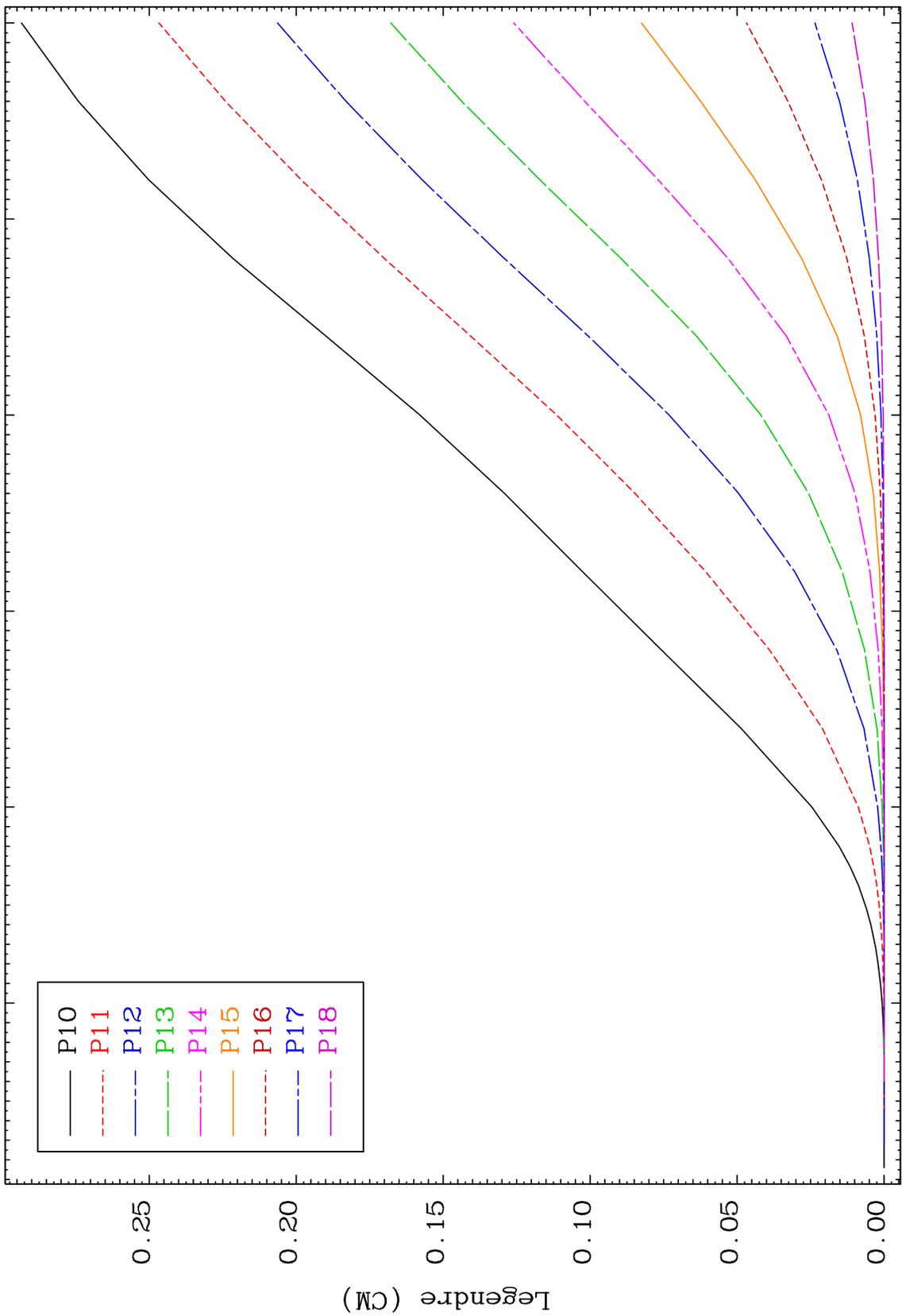
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50-Sn-108

MAT 5013

Elastic Legendre Coefficients

50-Sn-108



16

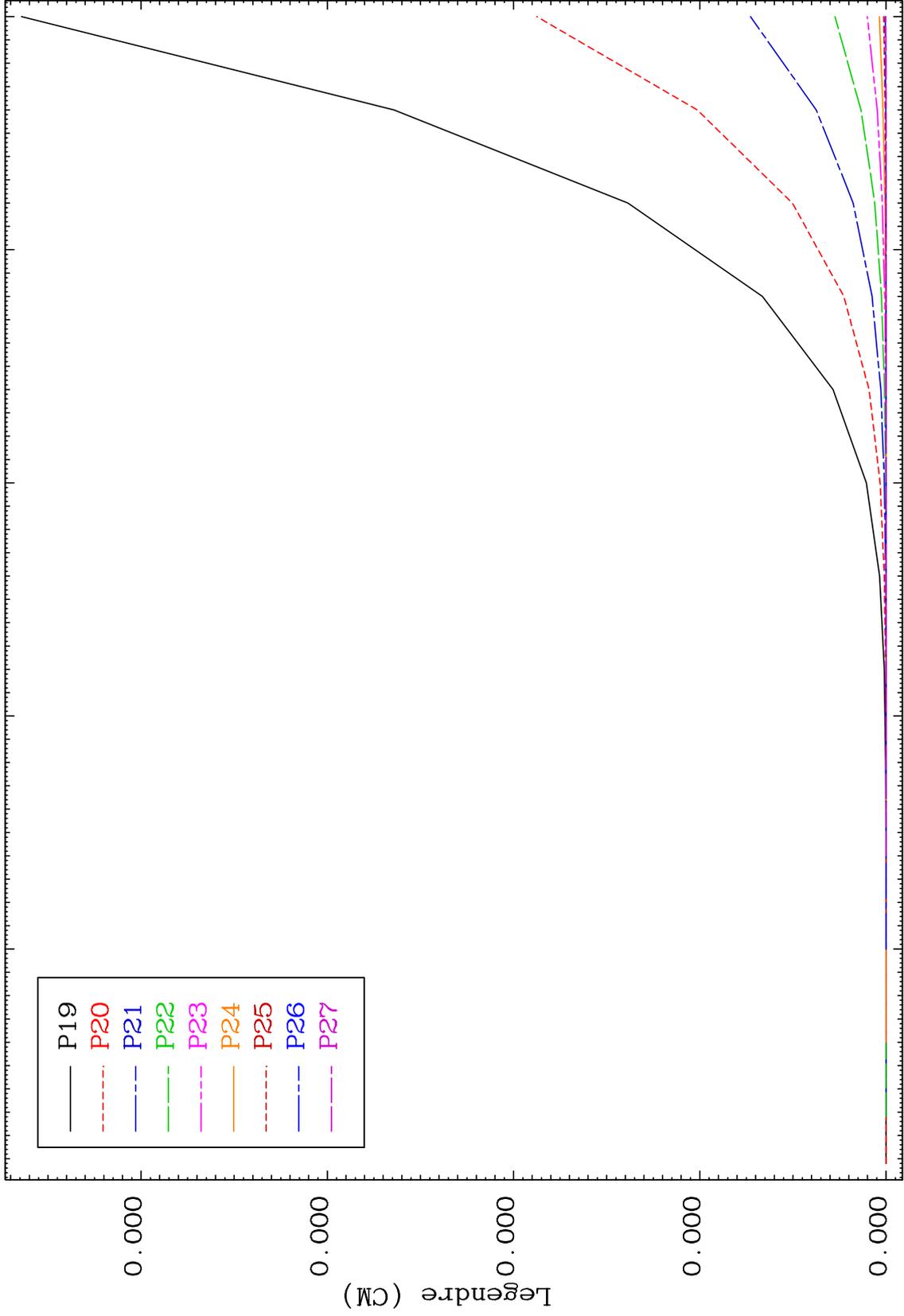
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Incident Energy (MeV)

MAT 5013

Elastic Legendre Coefficients

50-Sn-108



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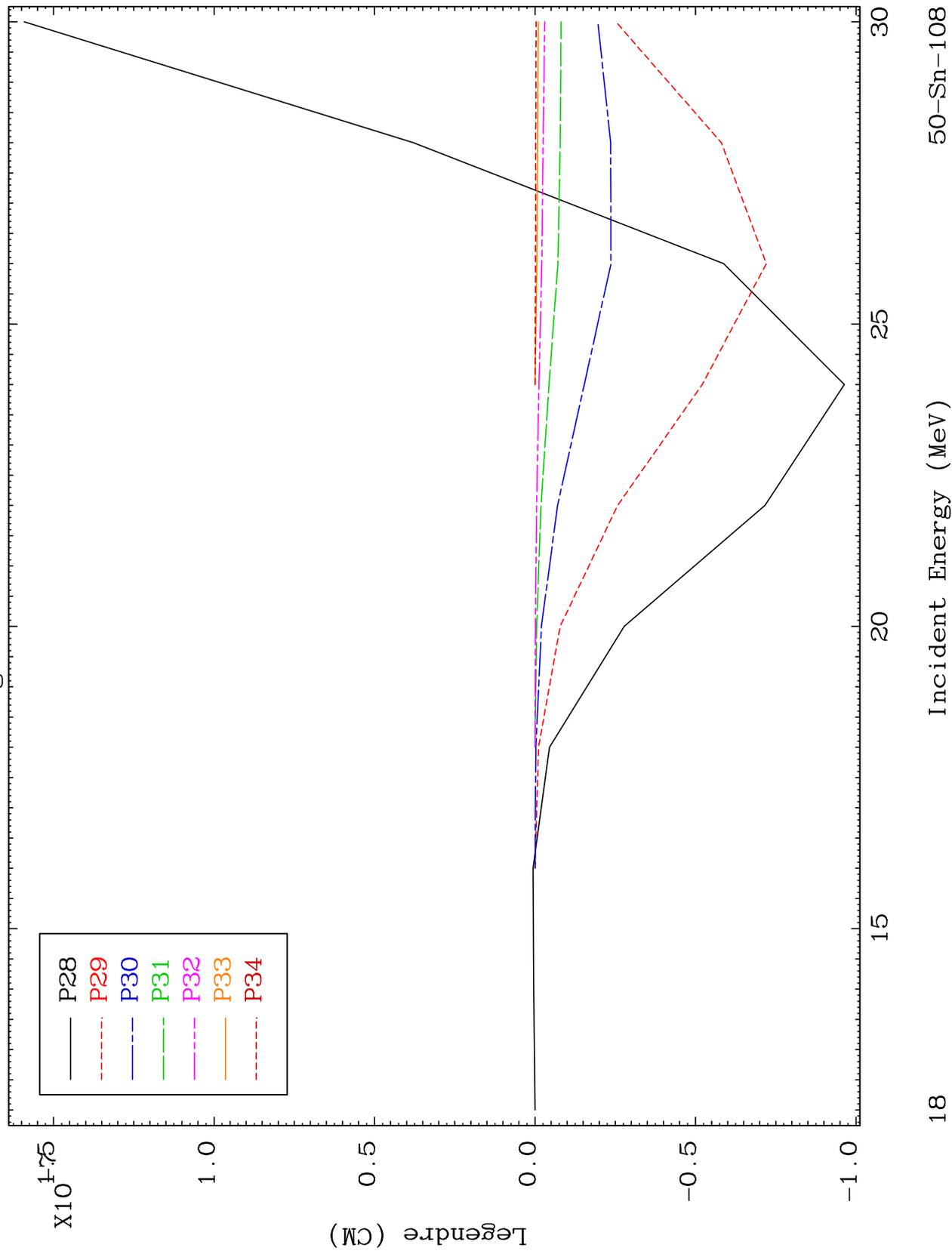
Incident Energy (MeV)

50-Sn-108

MAT 5013

Elastic Legendre Coefficients

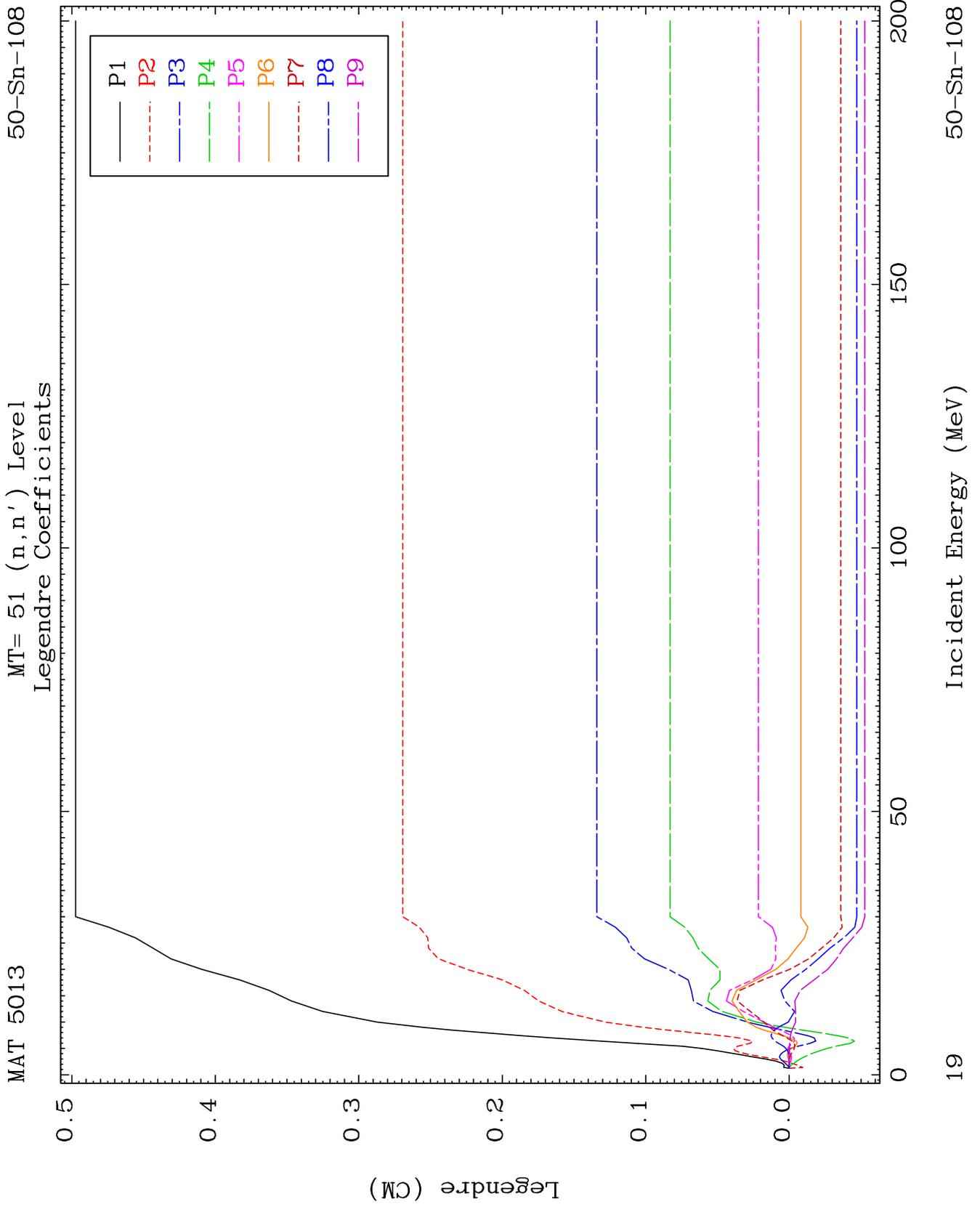
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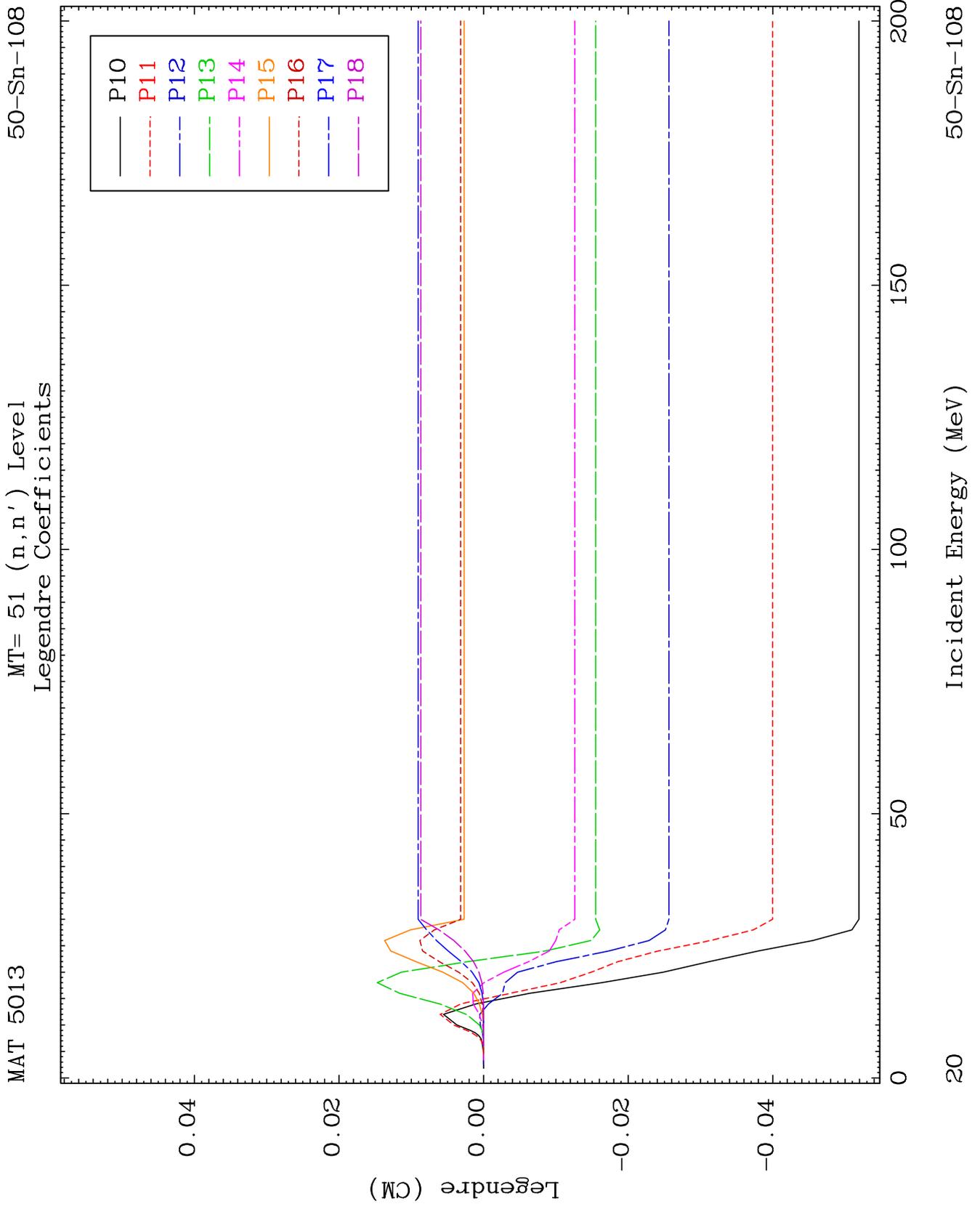


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Incident Energy (MeV)

50-Sn-108

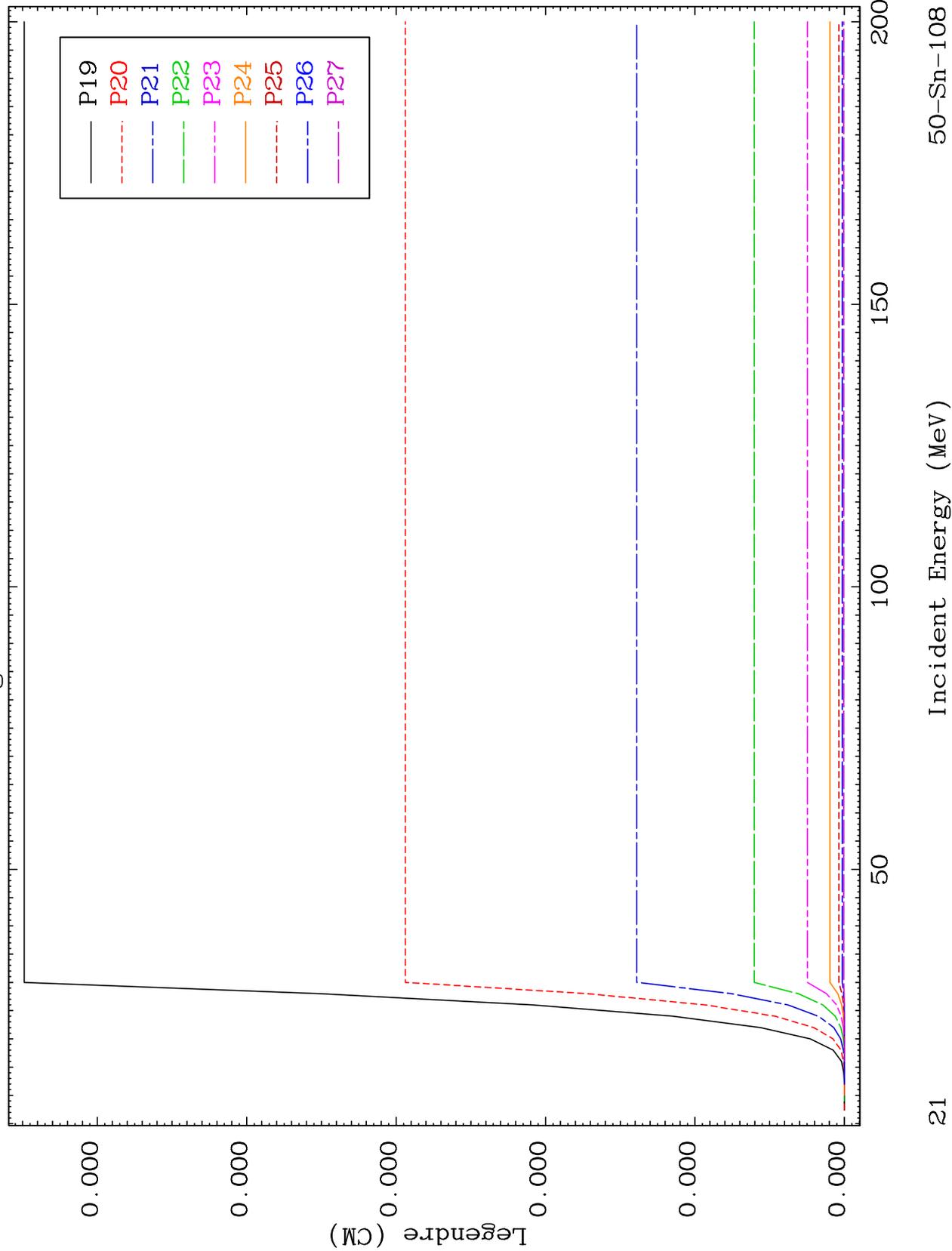


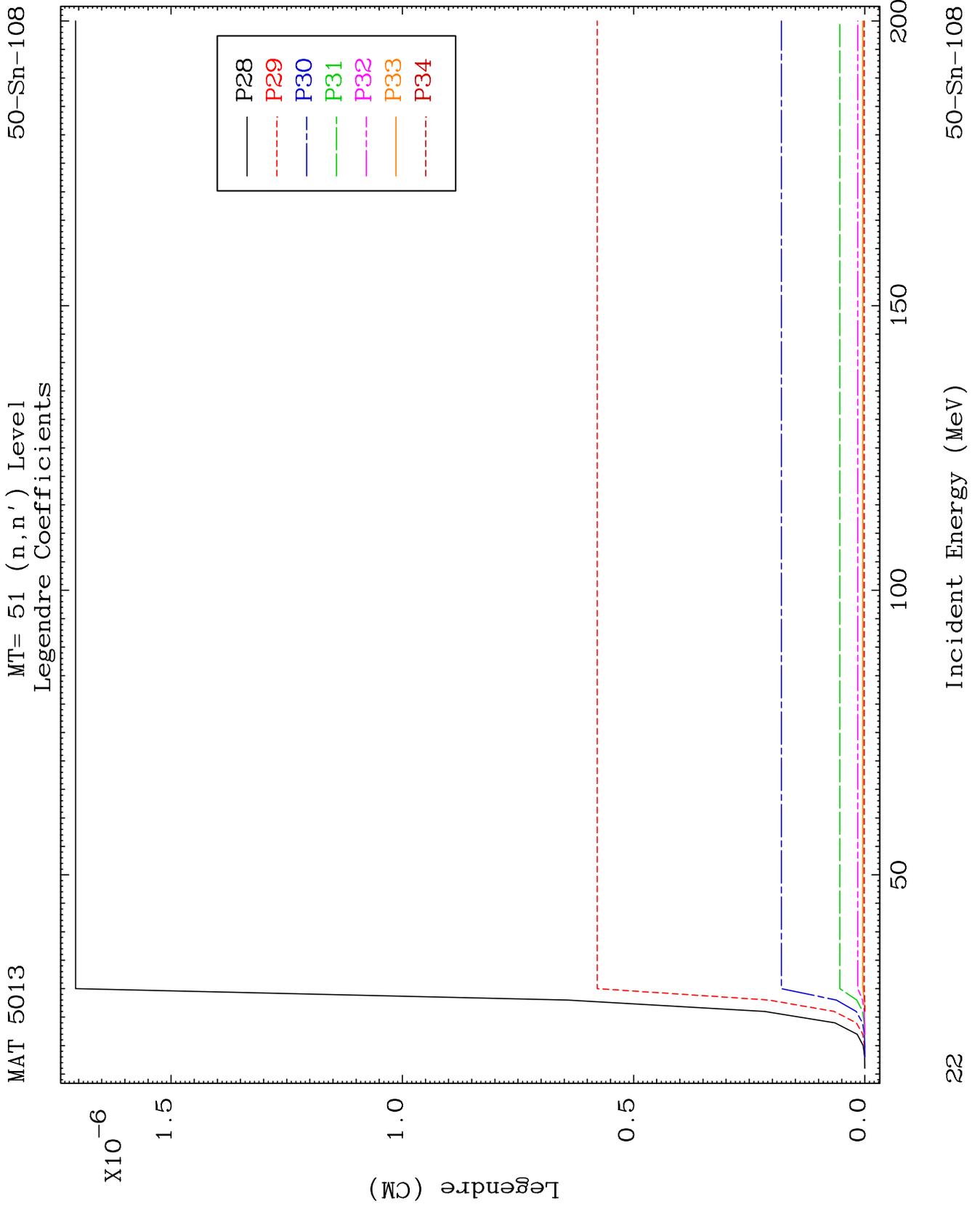


MAT 5013

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

50-Sn-108

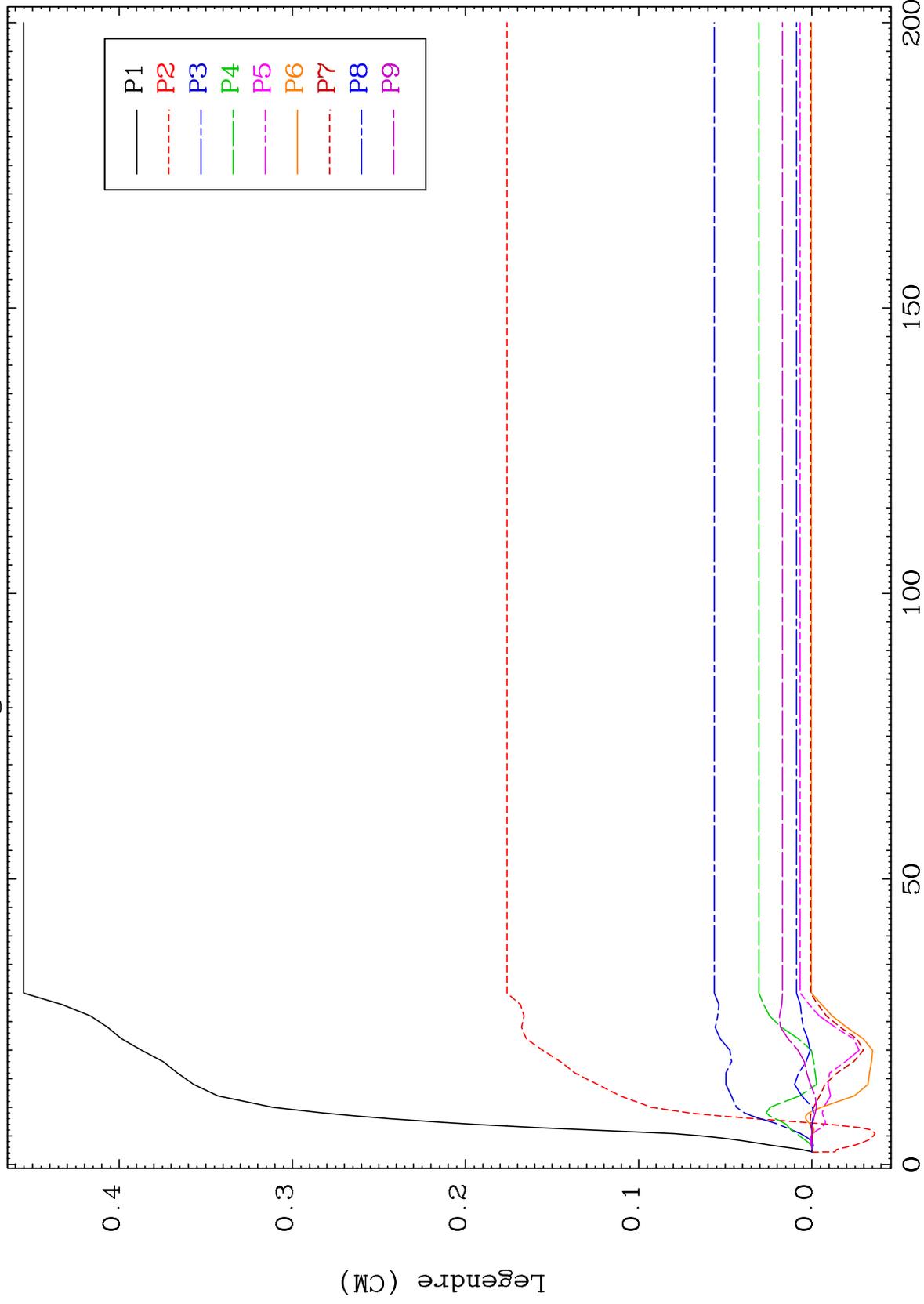




MAT 5013

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Legendre Coefficients

50-Sn-108



23

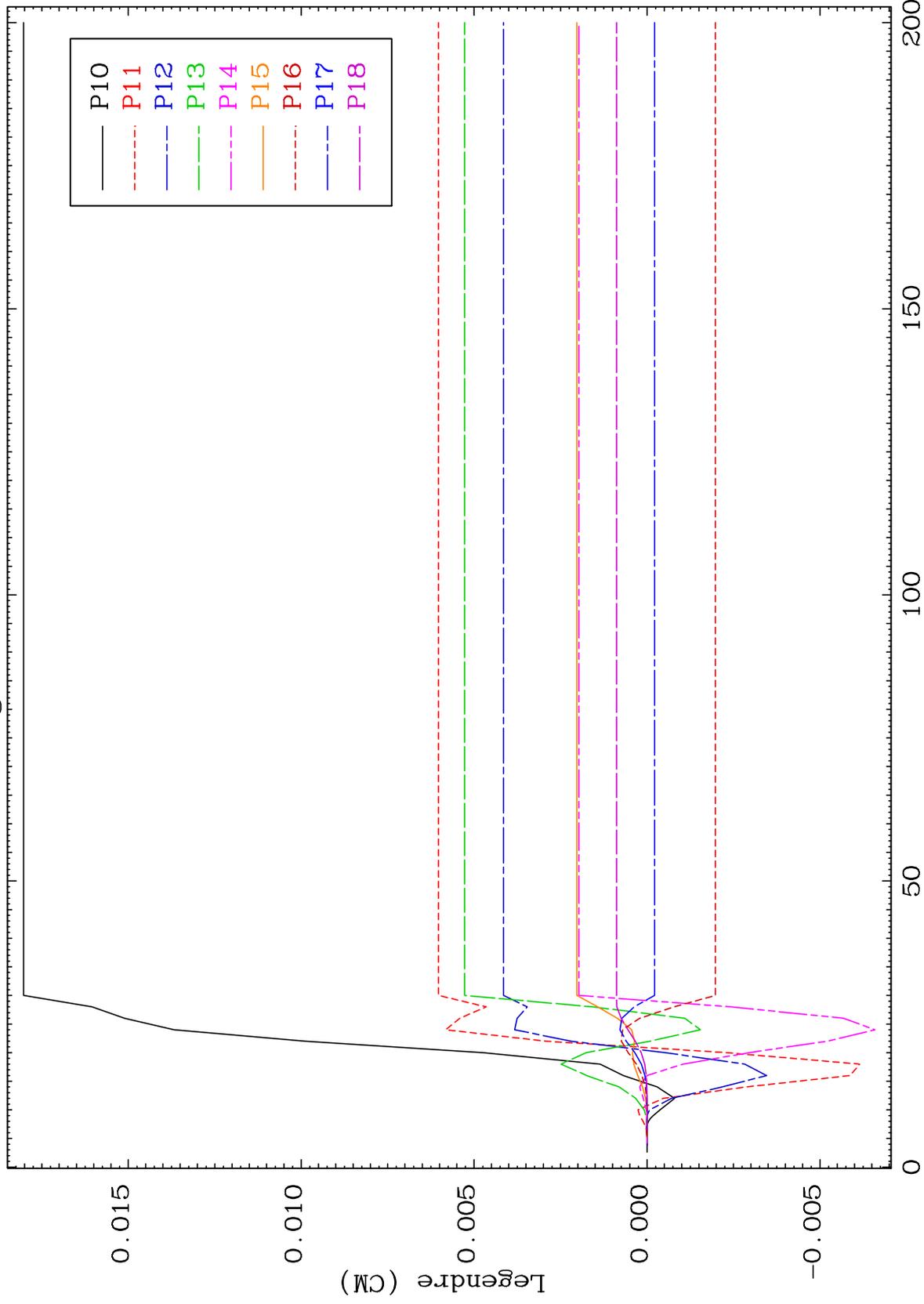
Incident Energy (MeV)

50-Sn-108

MAT 5013

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

50-Sn-108



24

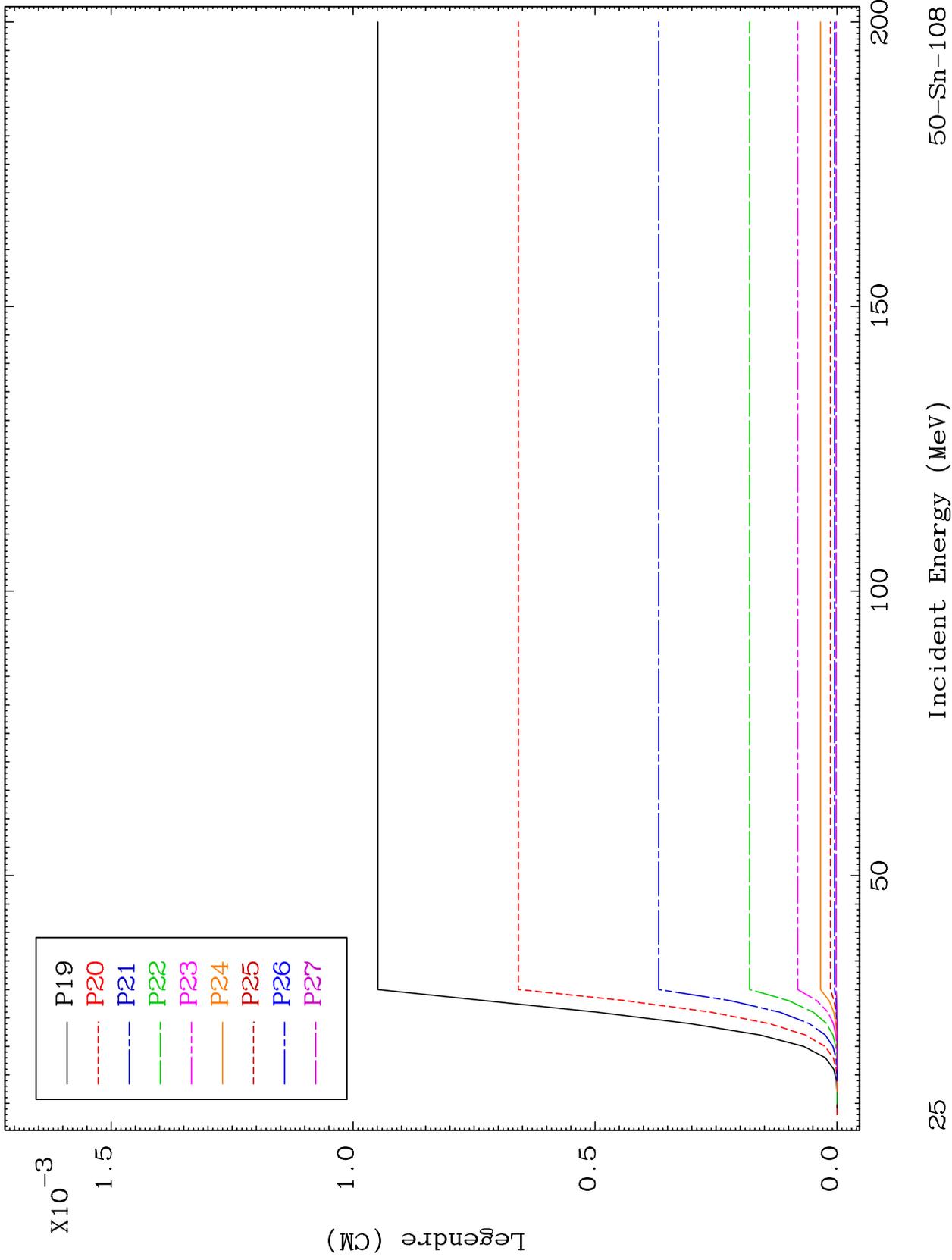
Incident Energy (MeV)

50-Sn-108

MAT 5013

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

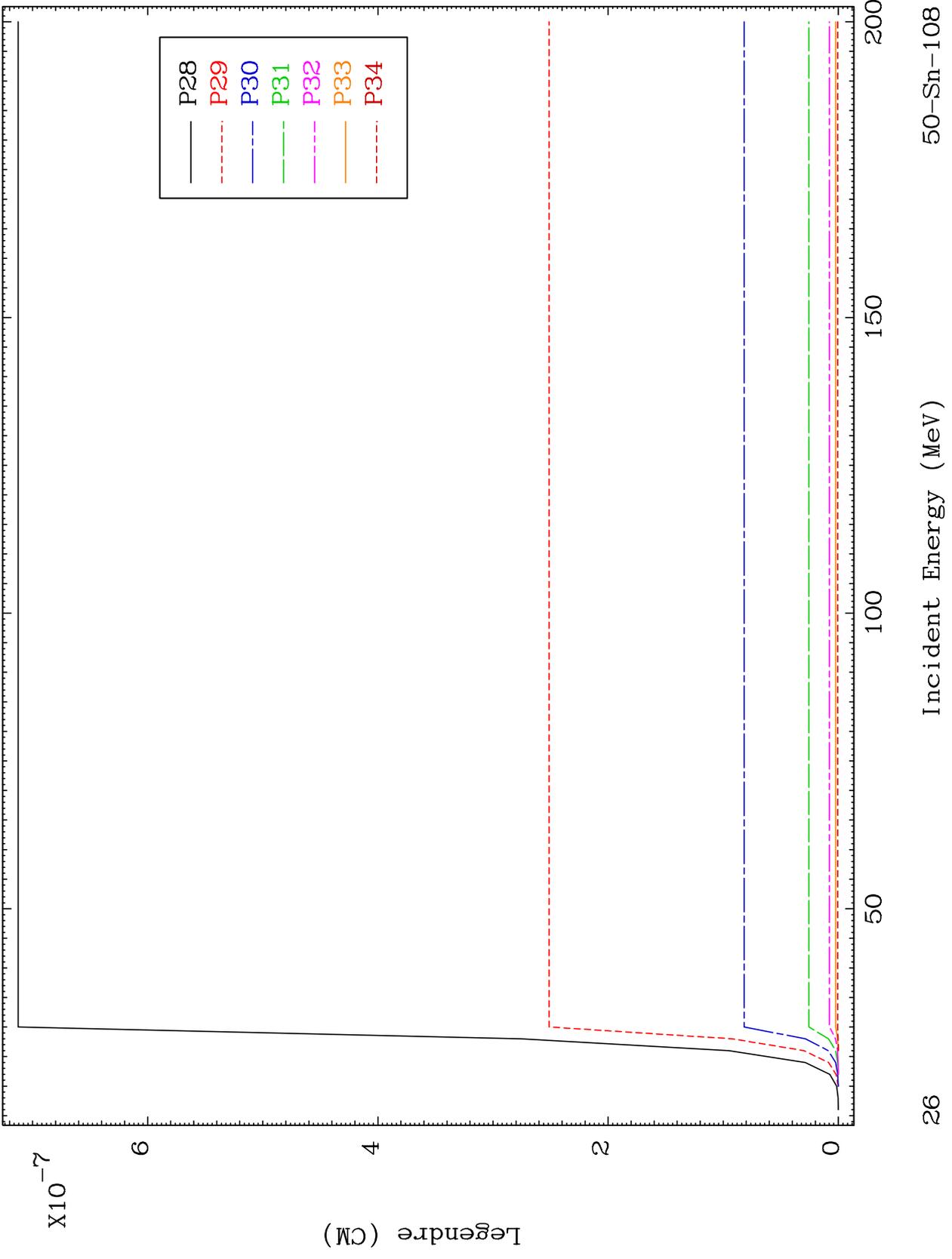
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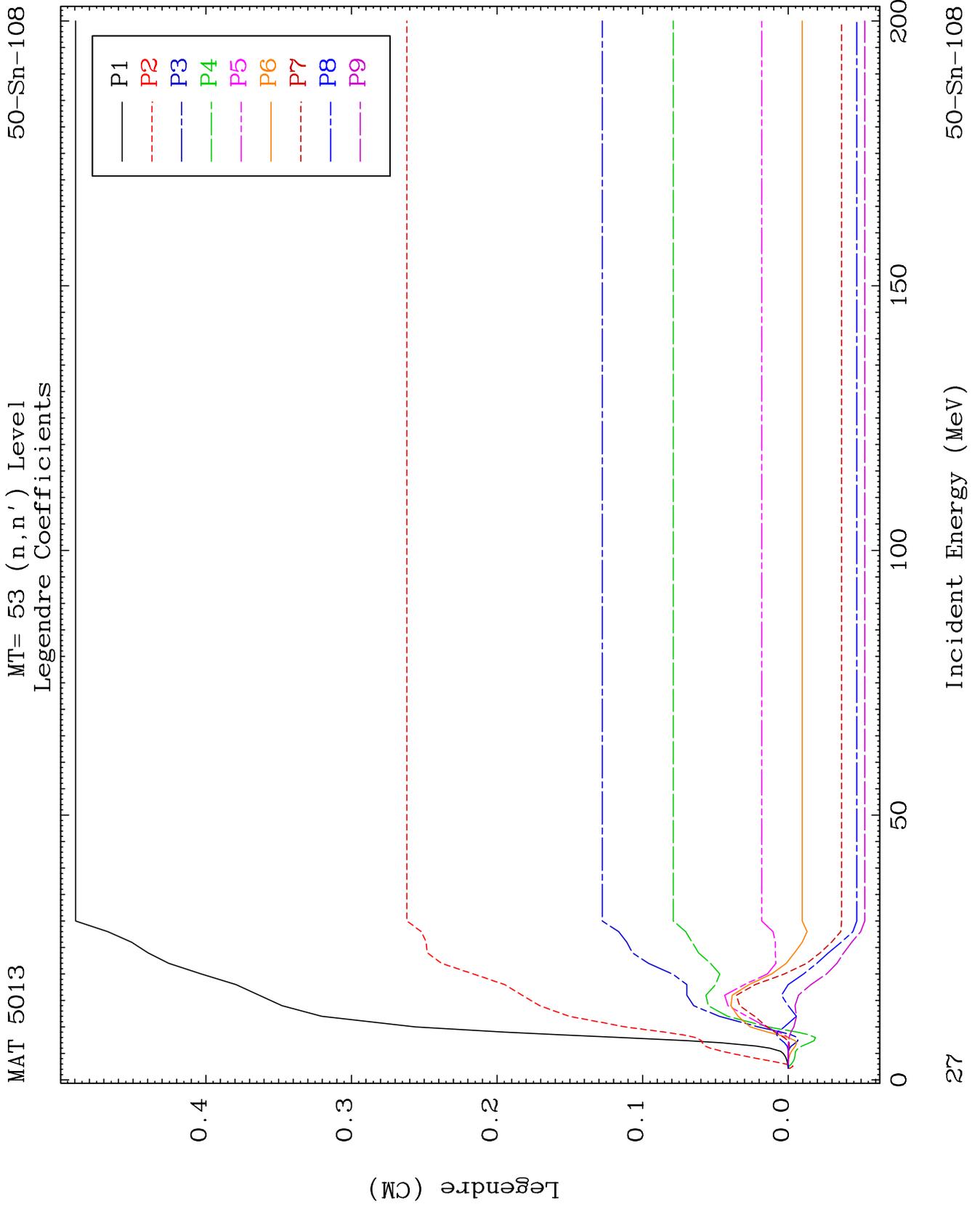
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MT= 52 (n,n') Level
Legendre Coefficients

50-Sn-108



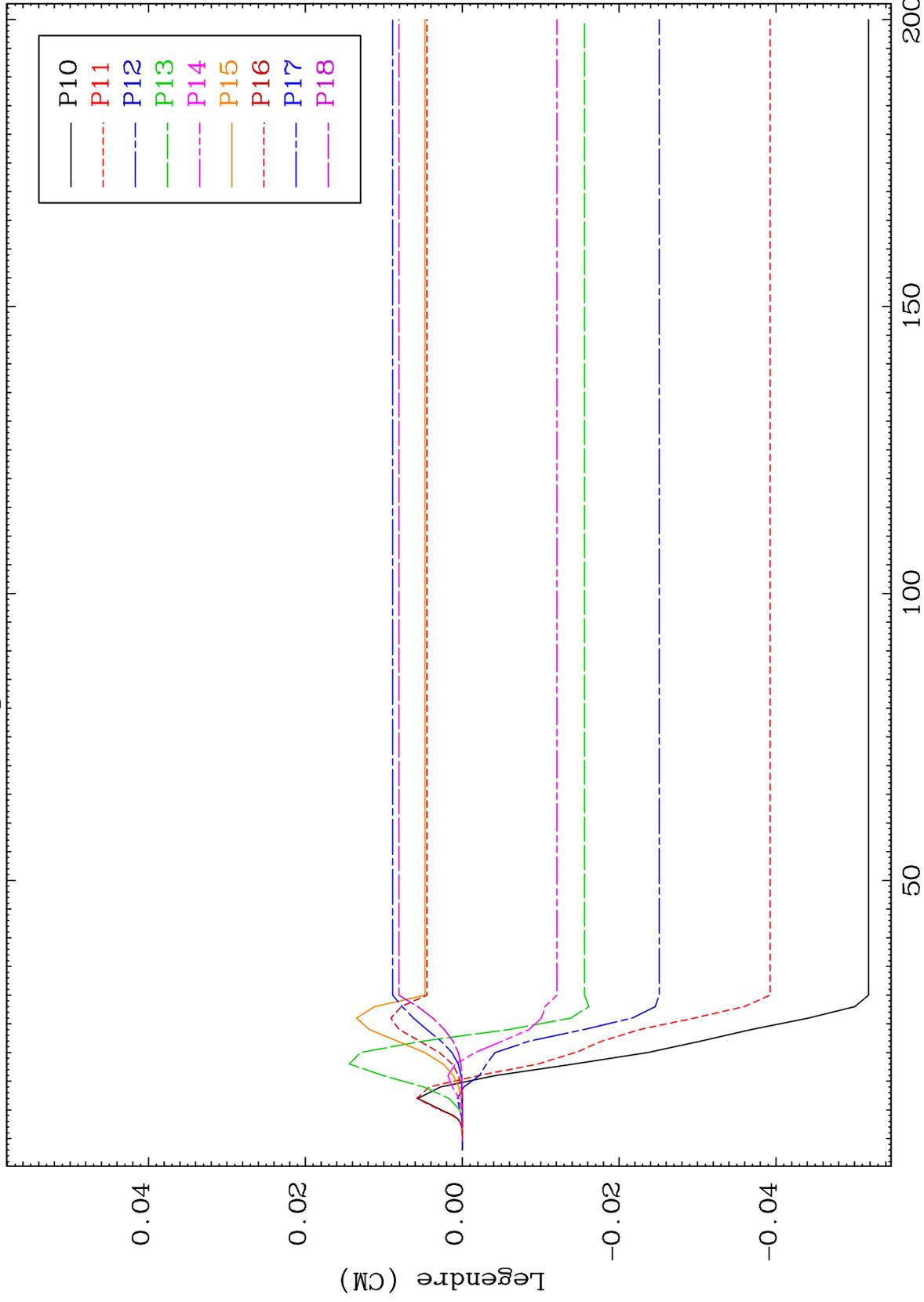
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MAT 5013

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

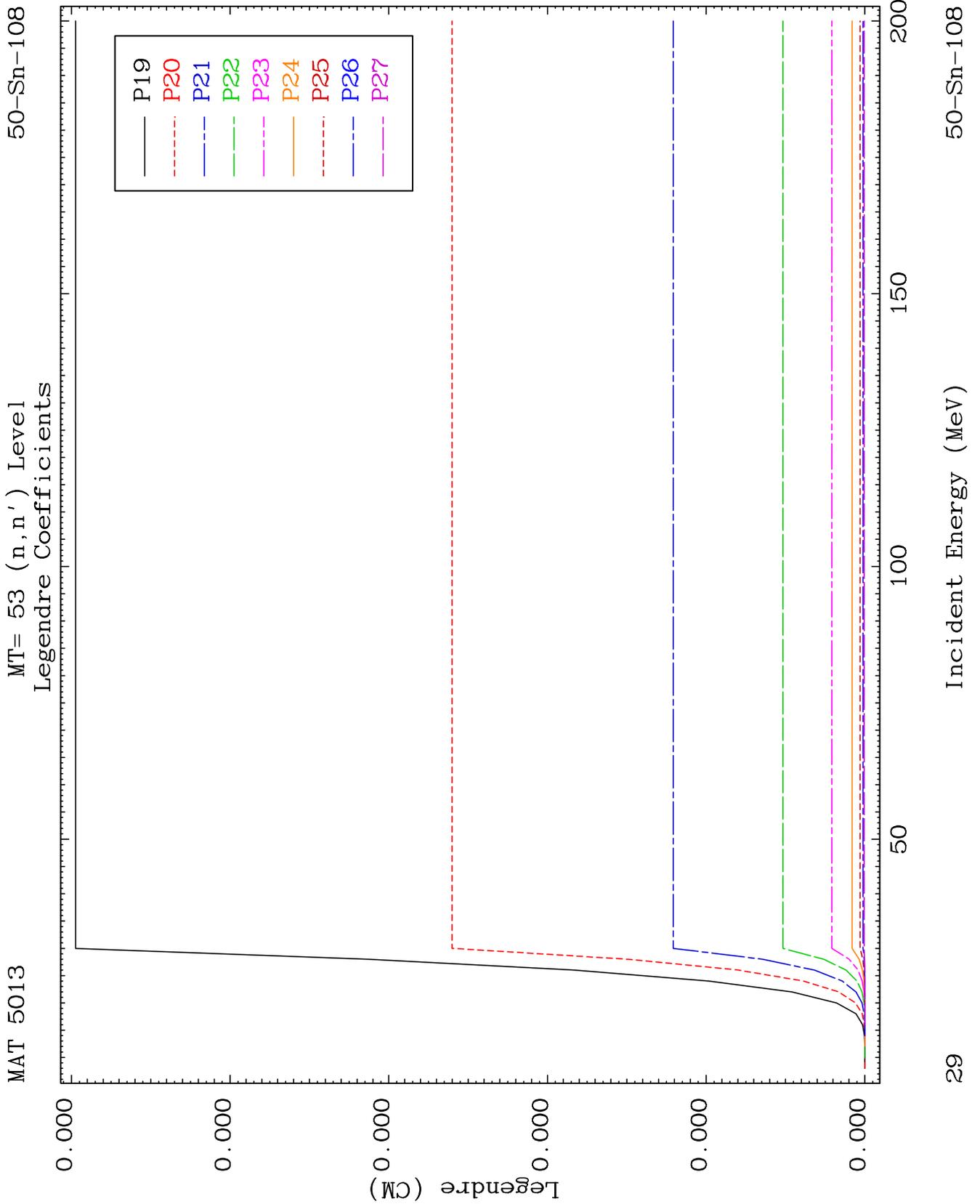
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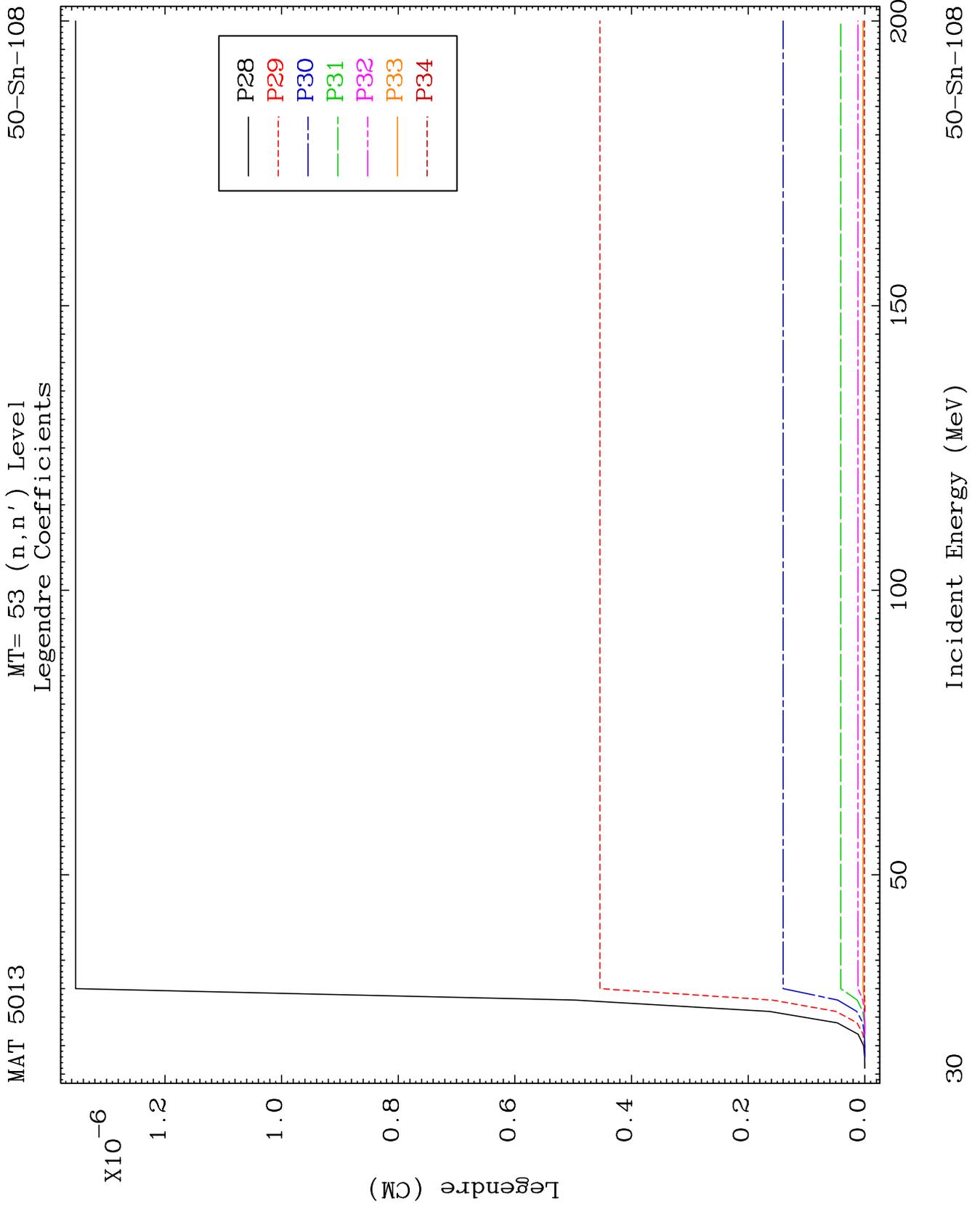


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Incident Energy (MeV)

50-Sn-108

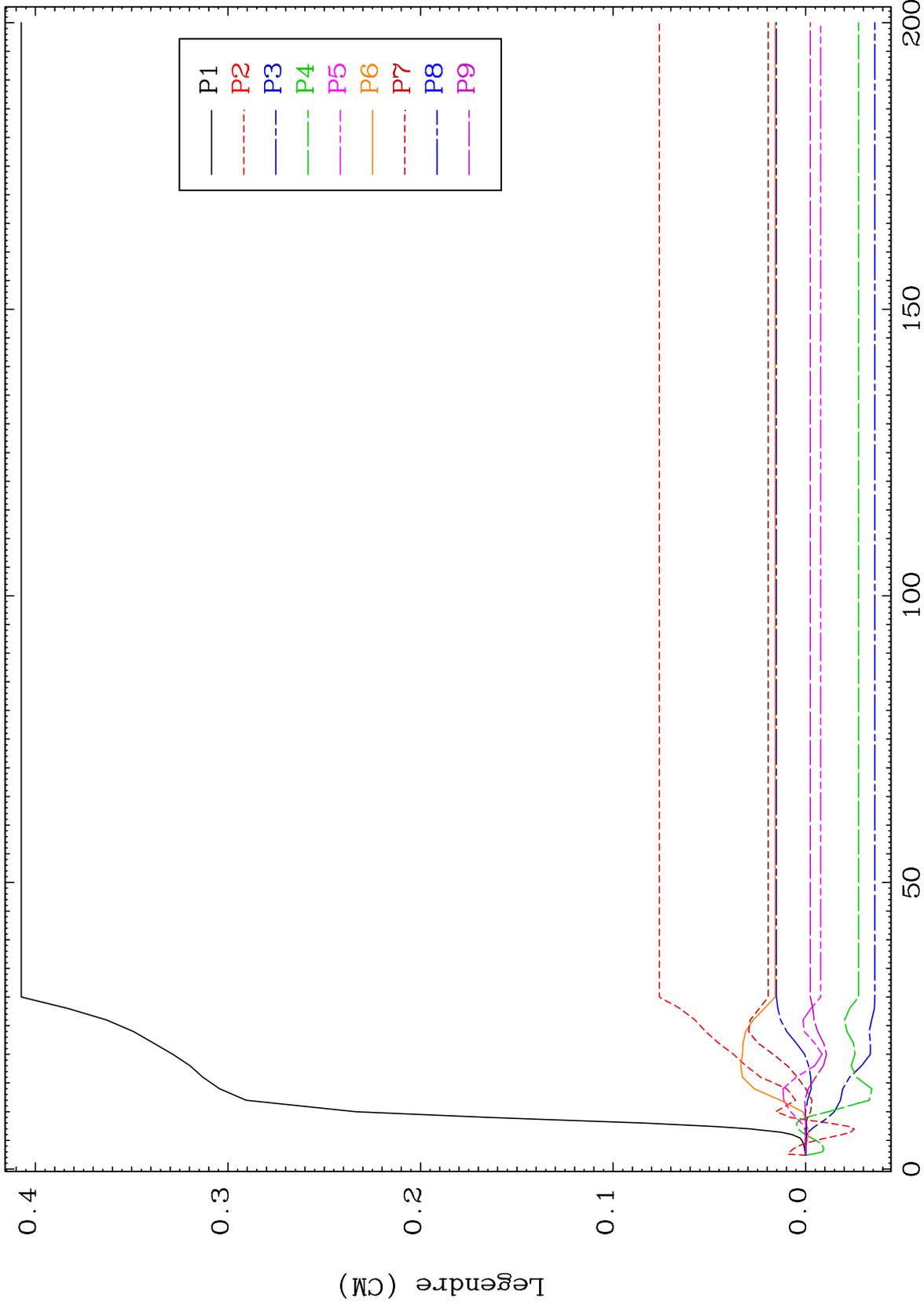




MAT 5013

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

50-Sn-108



31

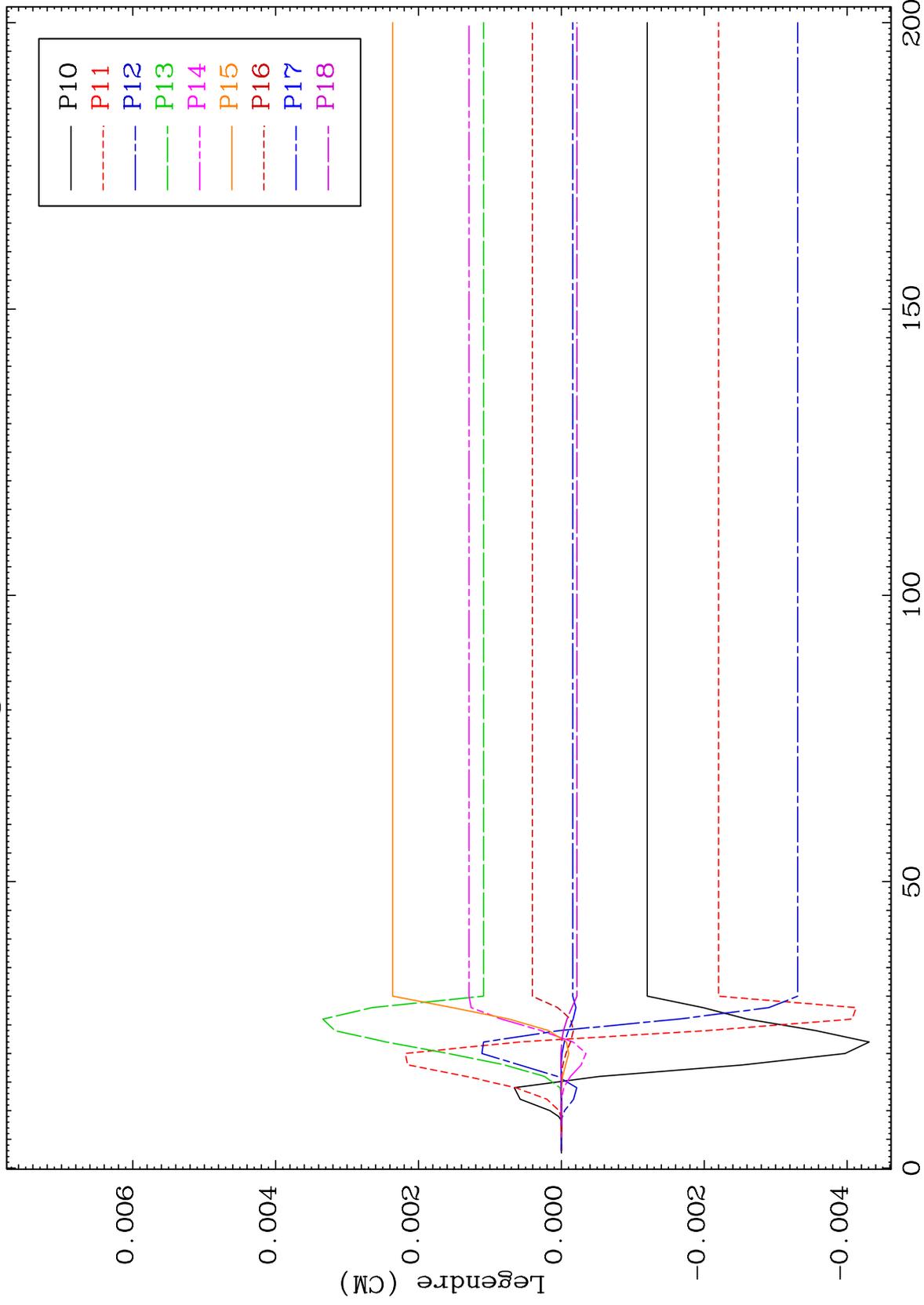
Incident Energy (MeV)

50-Sn-108

MAT 5013

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

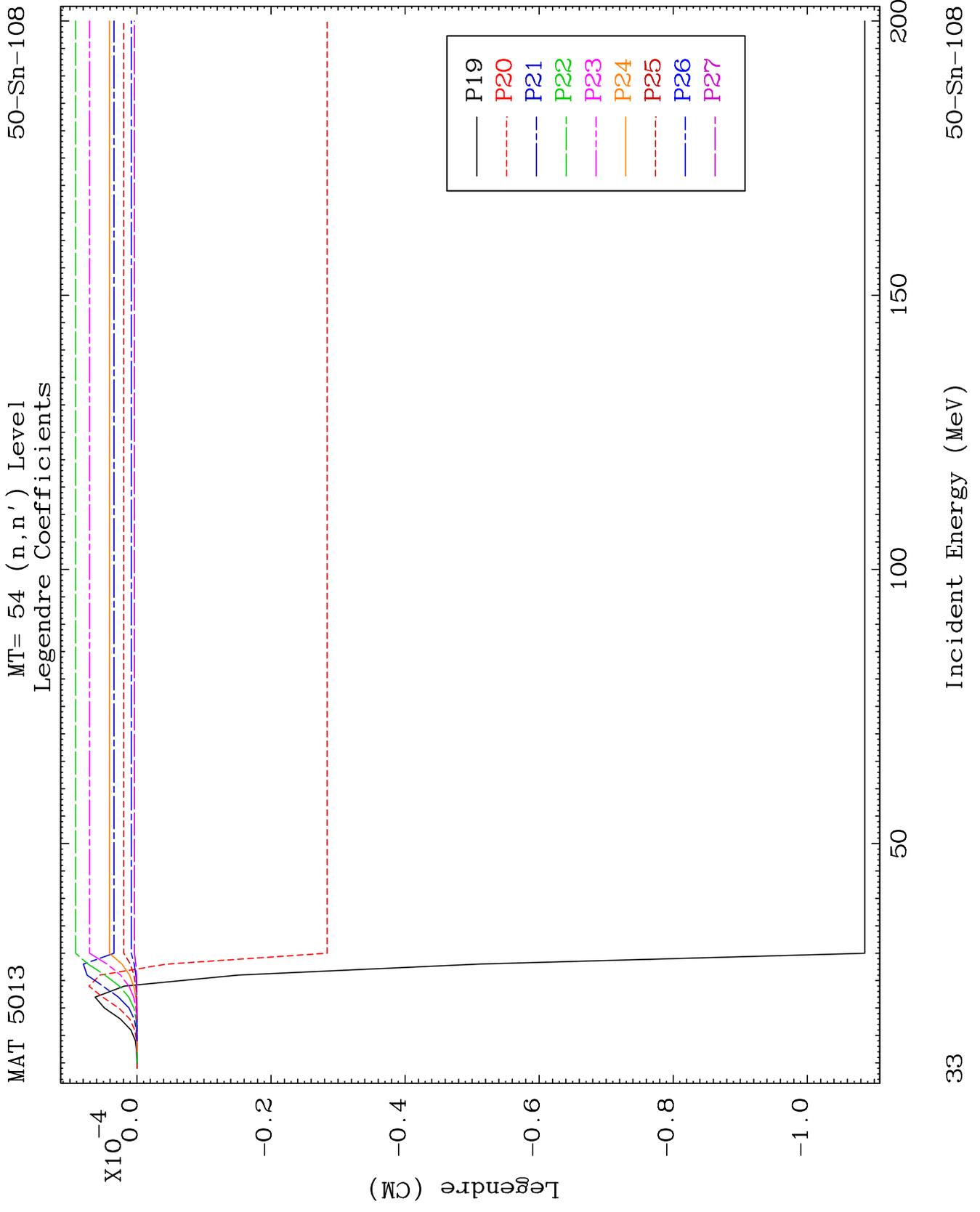
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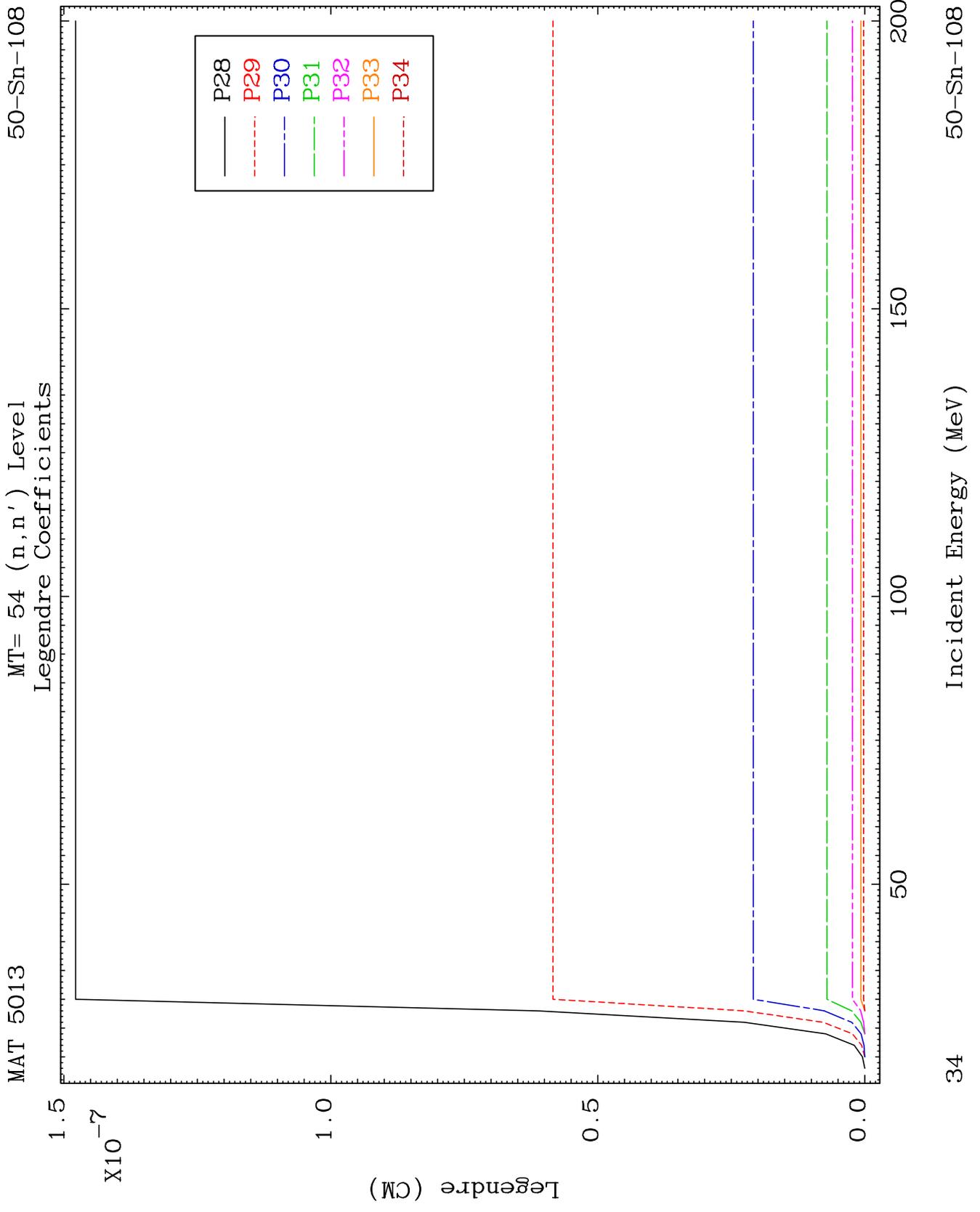


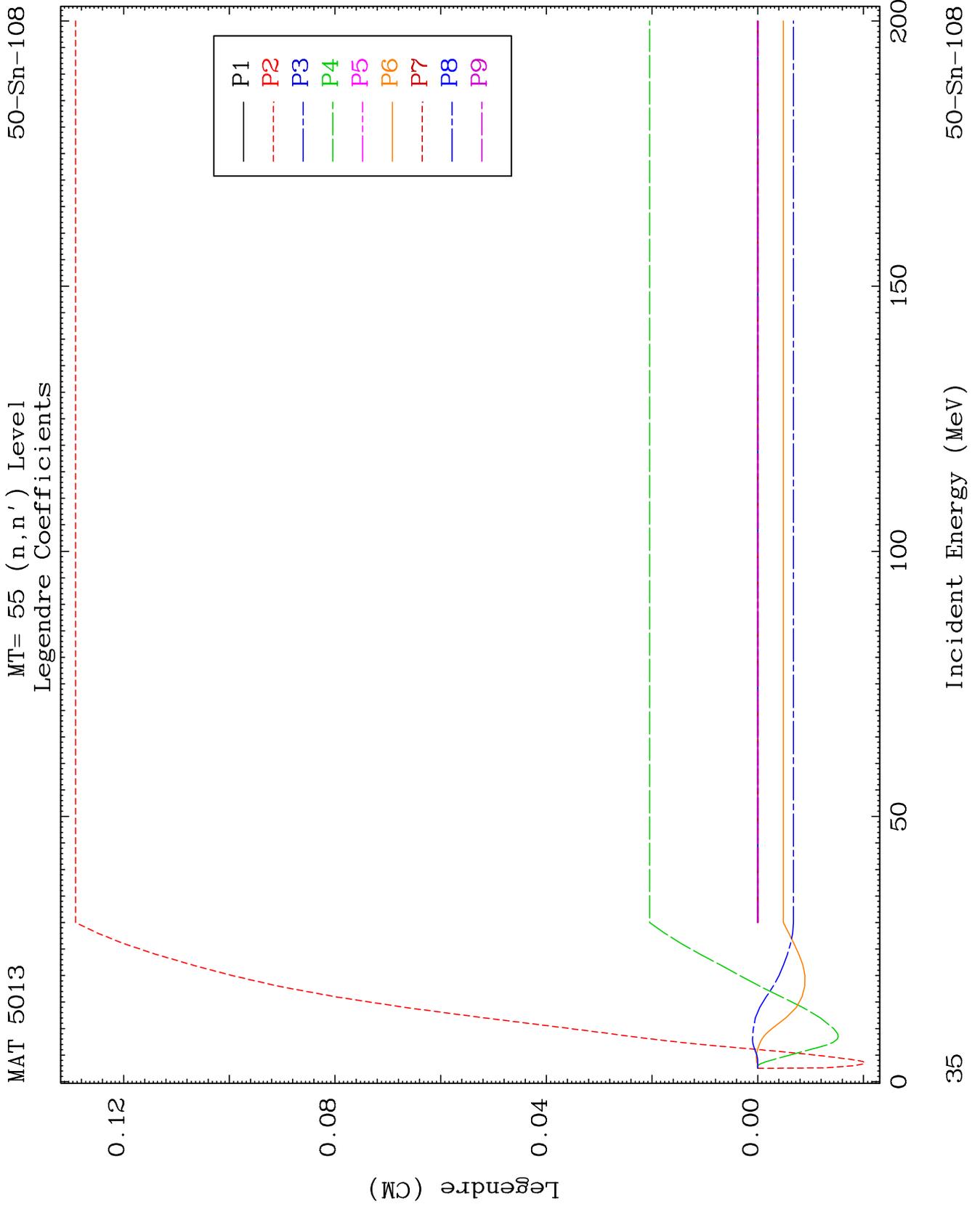
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Incident Energy (MeV)

50-Sn-108



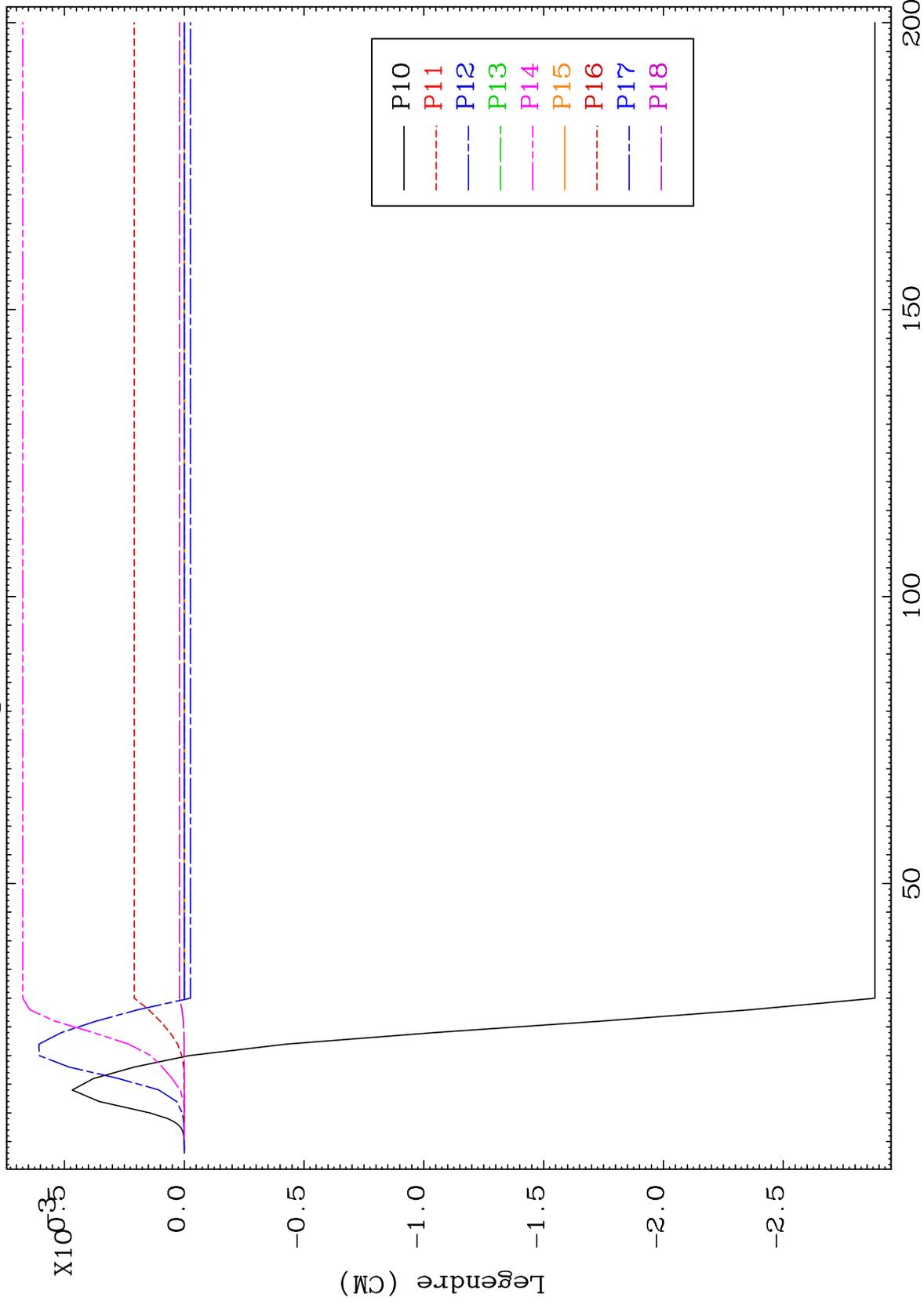




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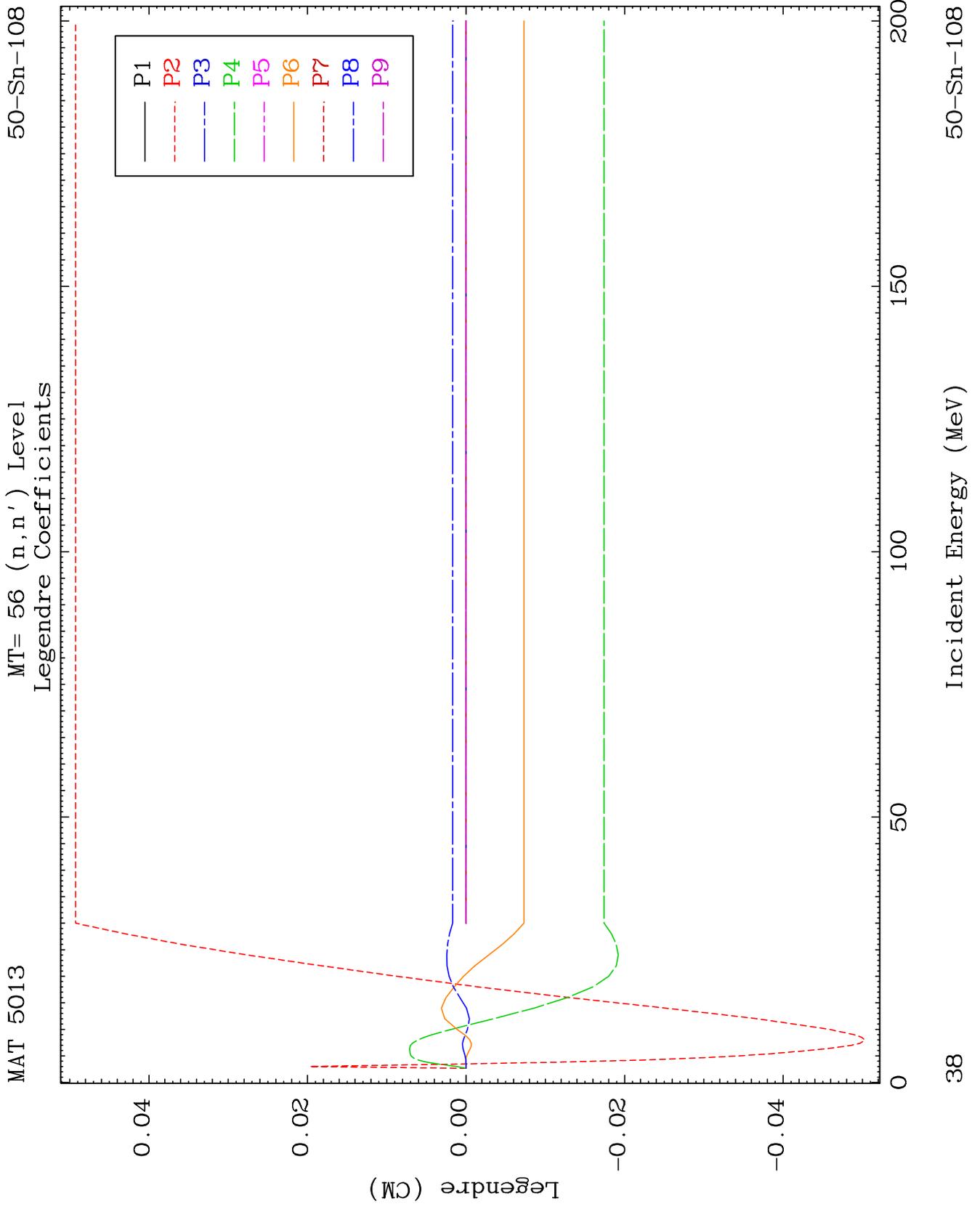
MT= 55 (n,n') Level
Legendre Coefficients

50-Sn-108



36

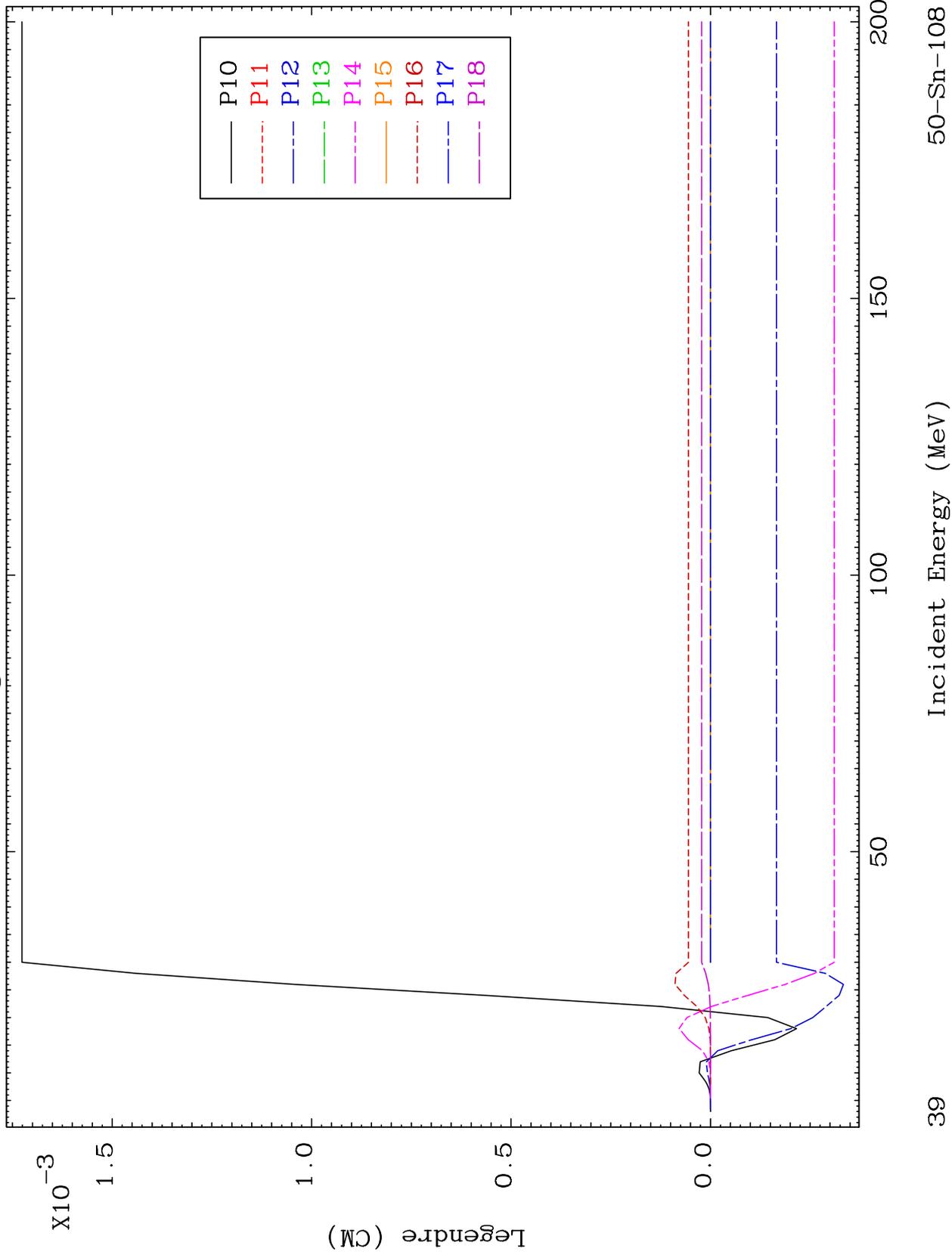
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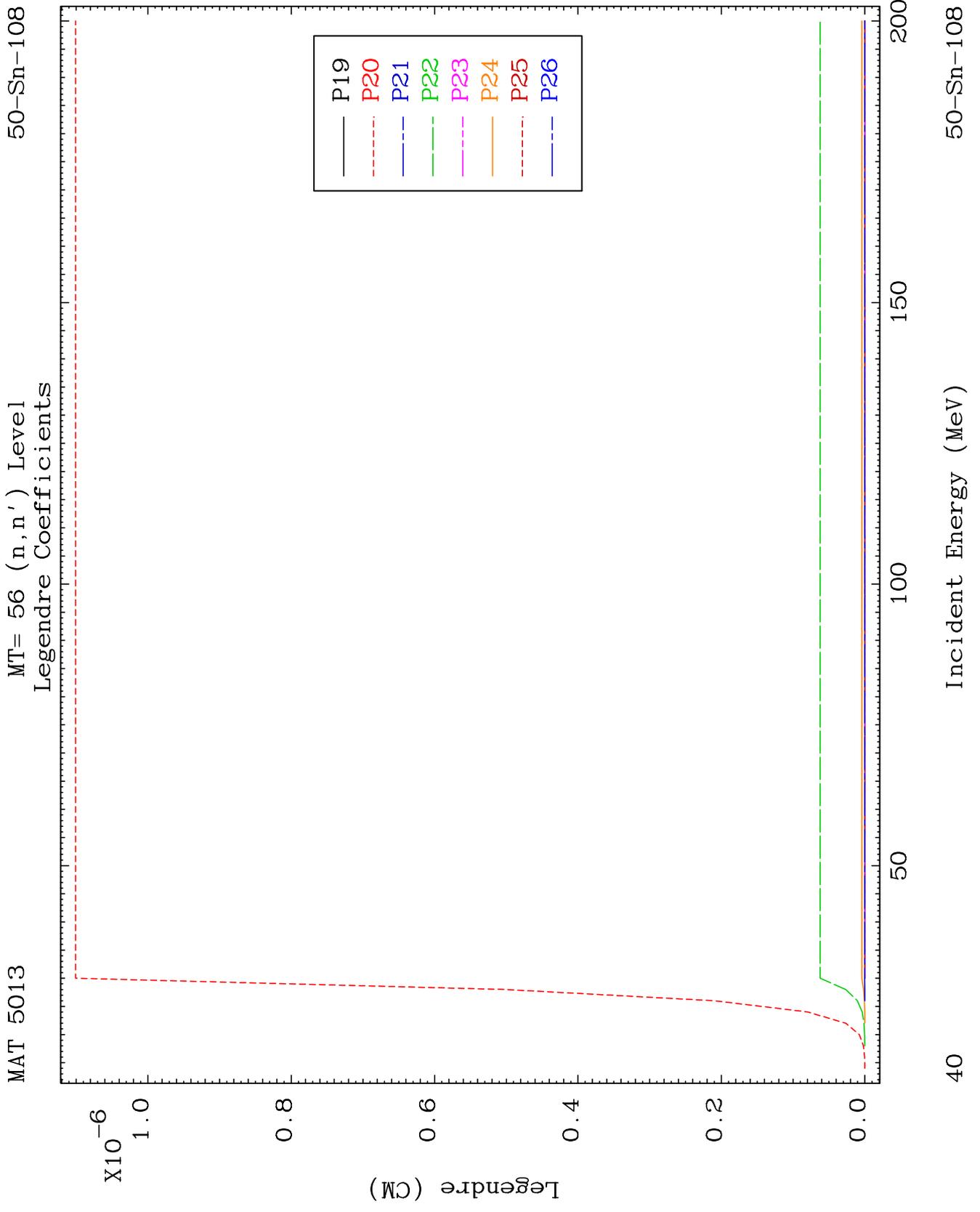
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Legendre Coefficients

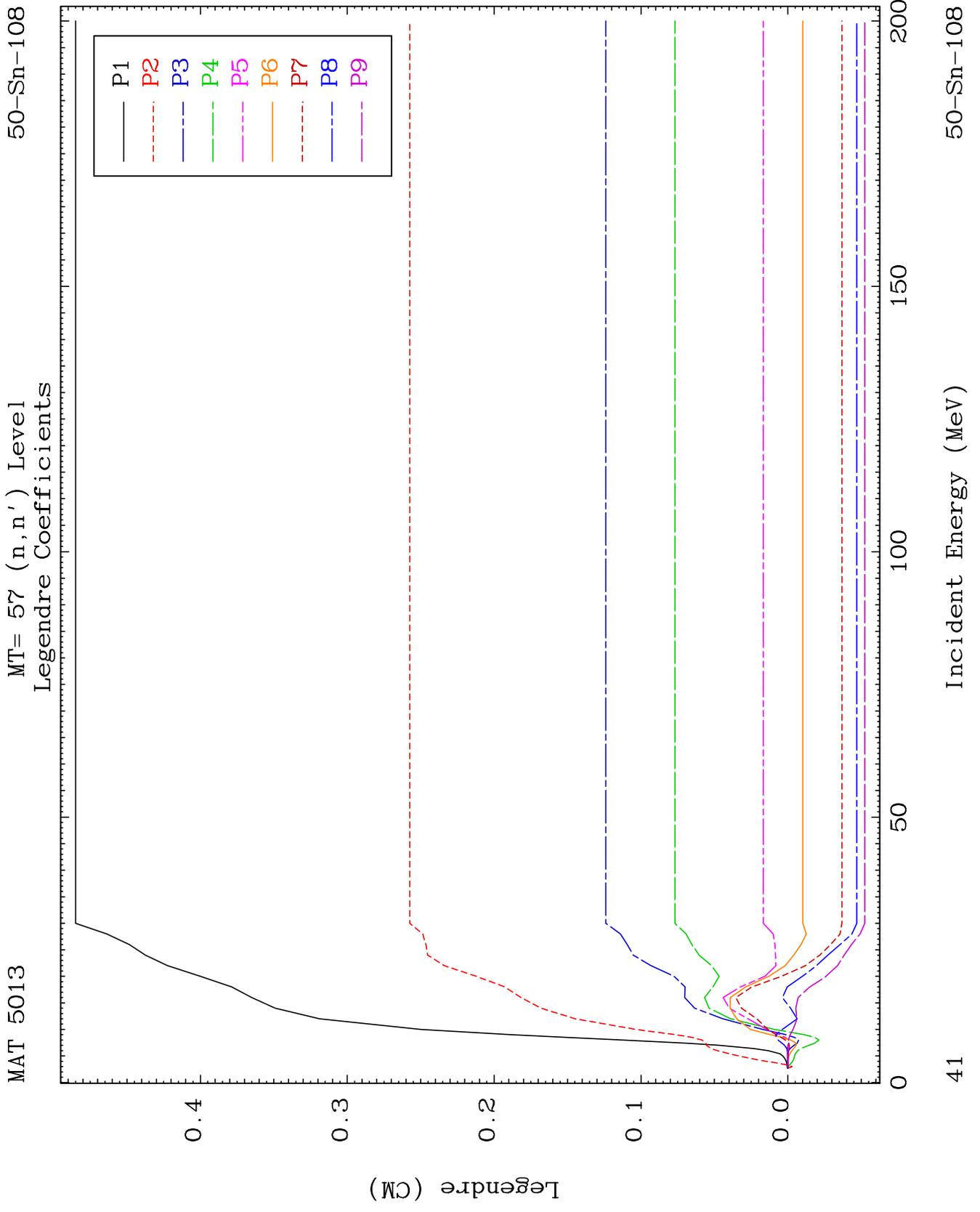
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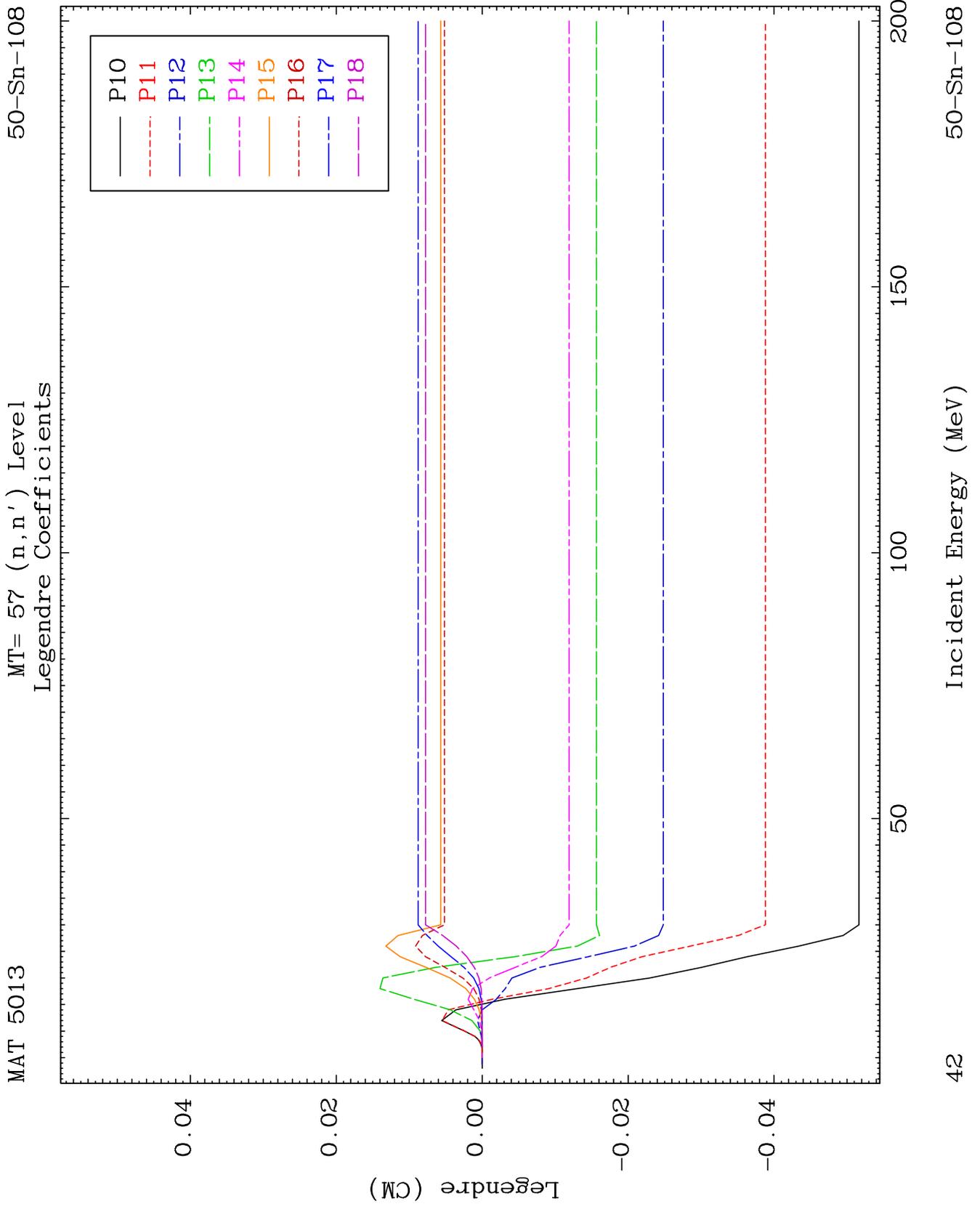


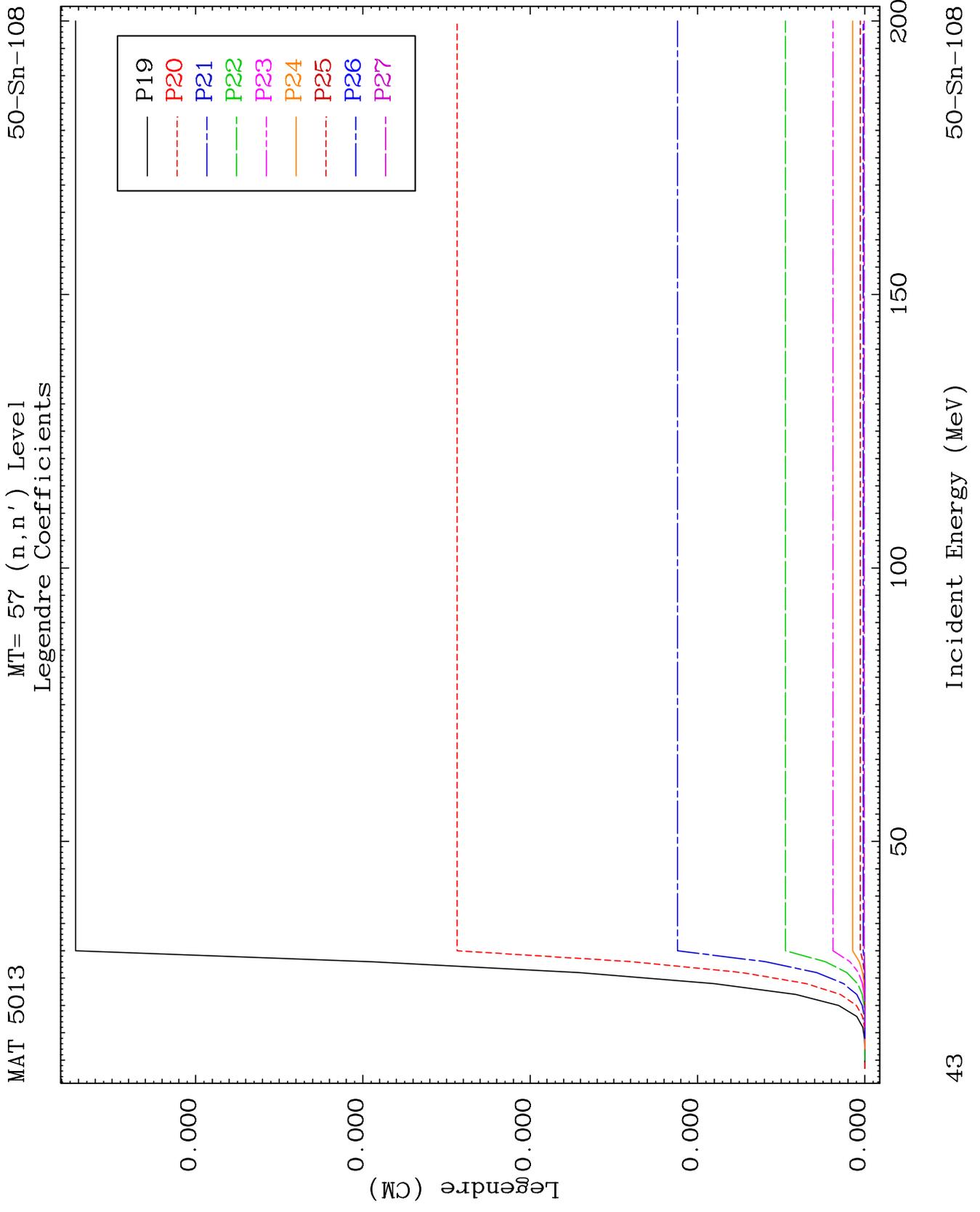
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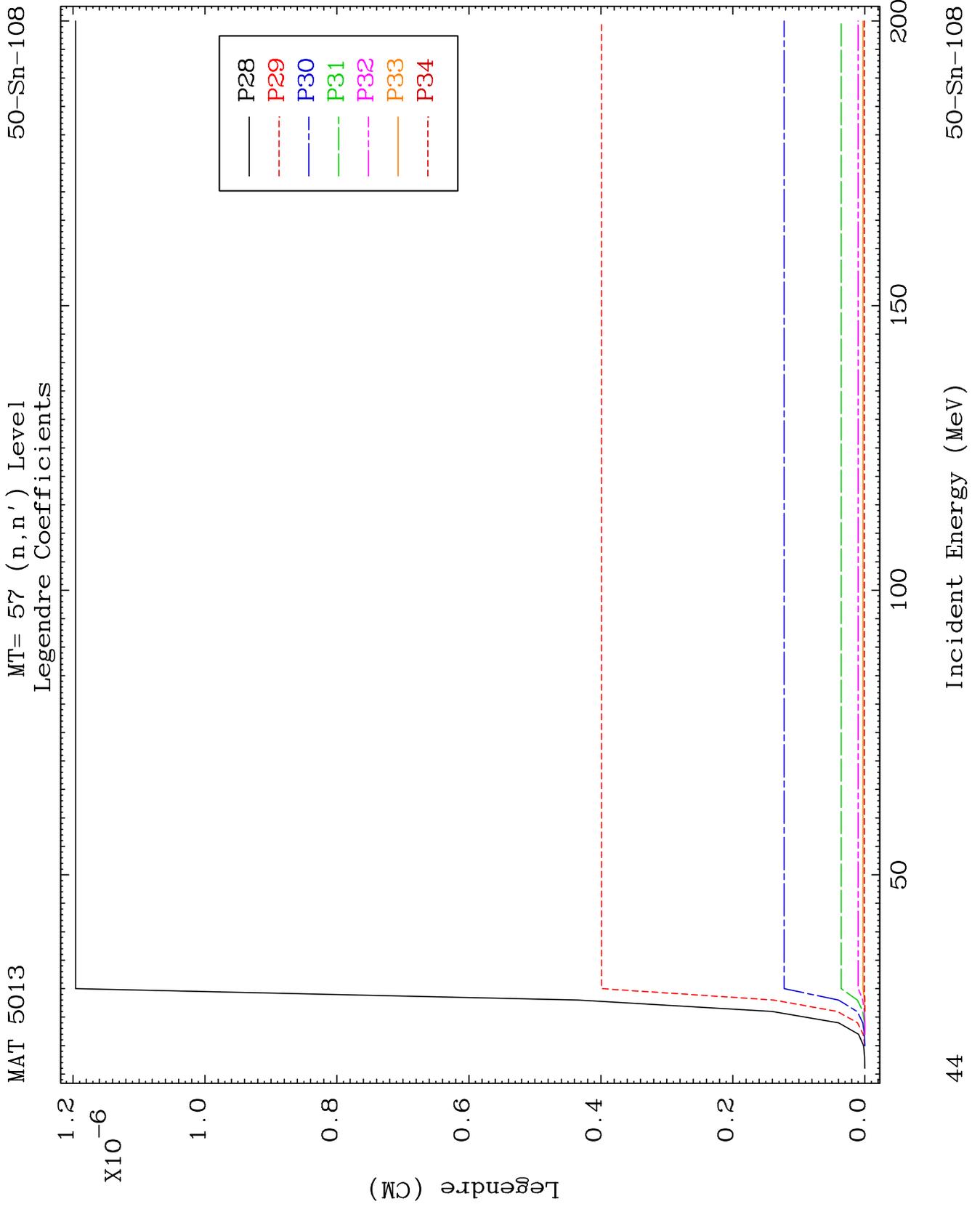
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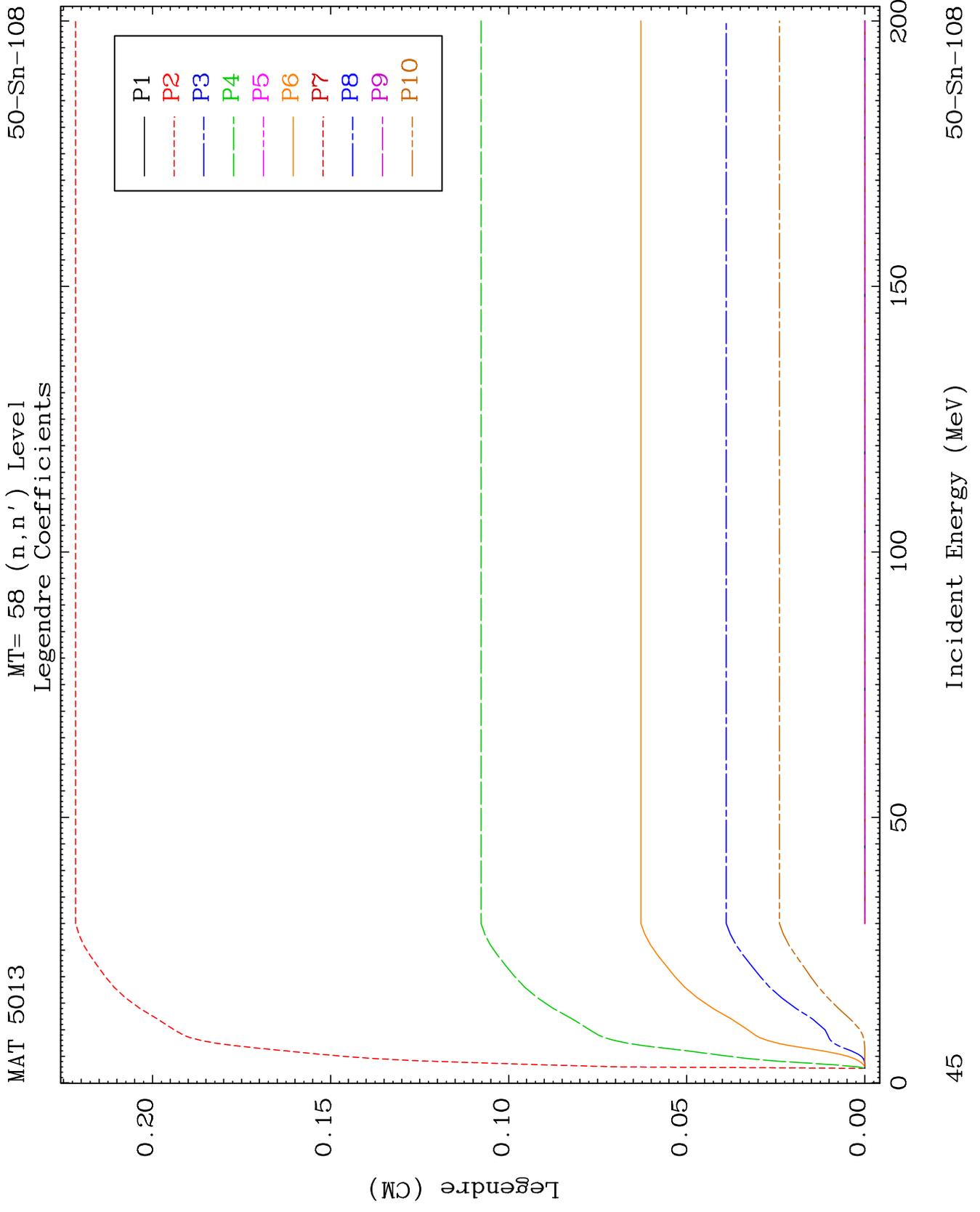


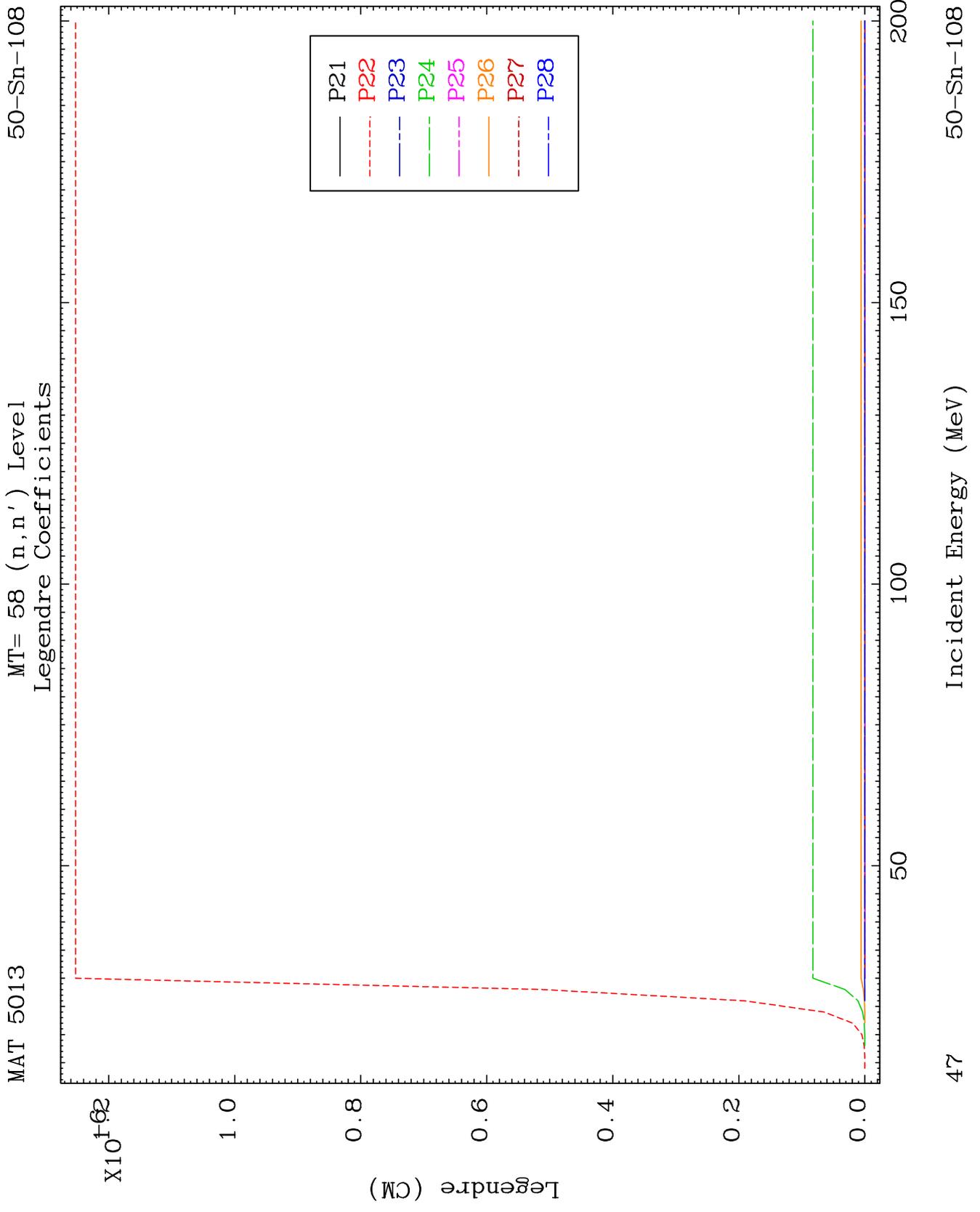


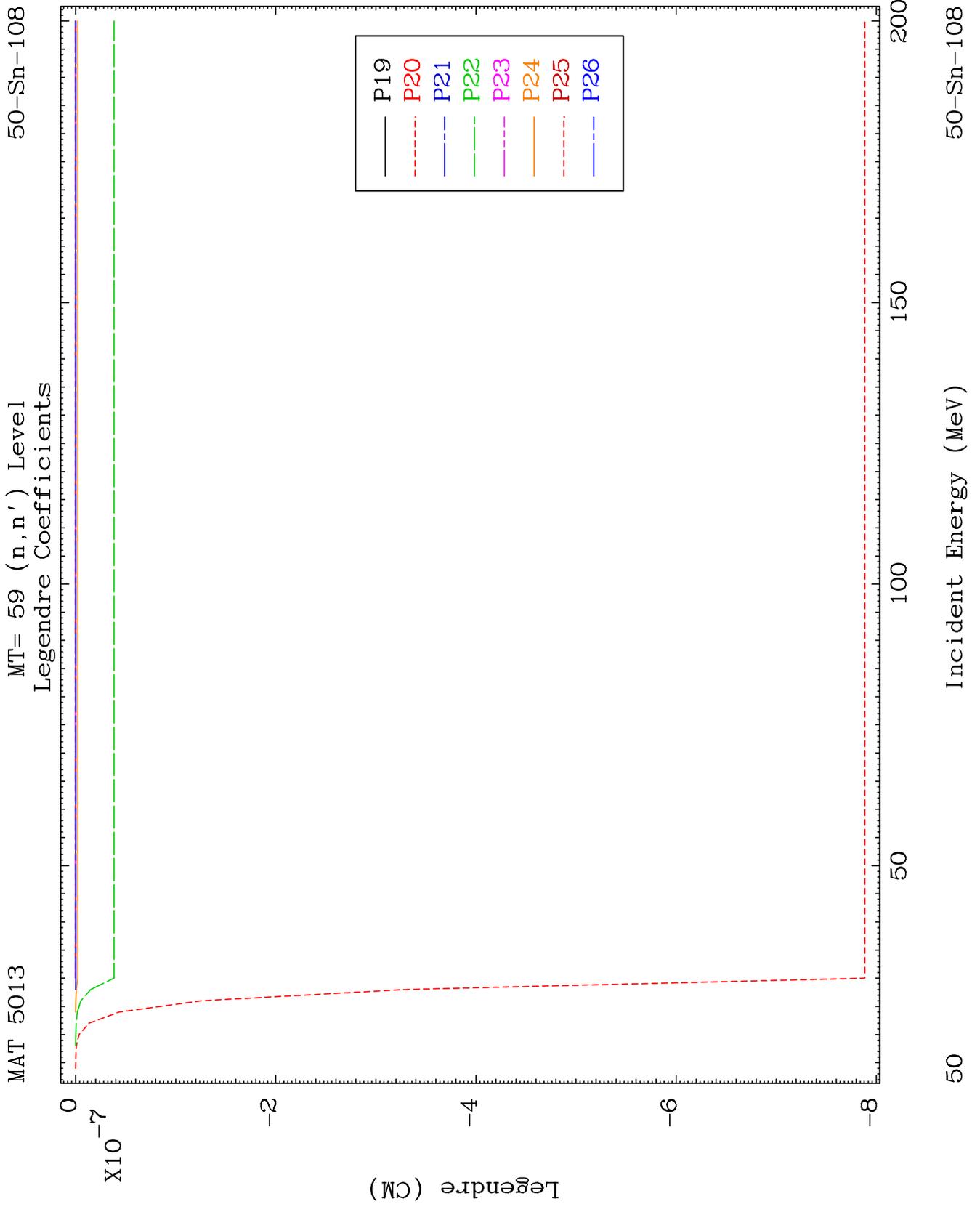








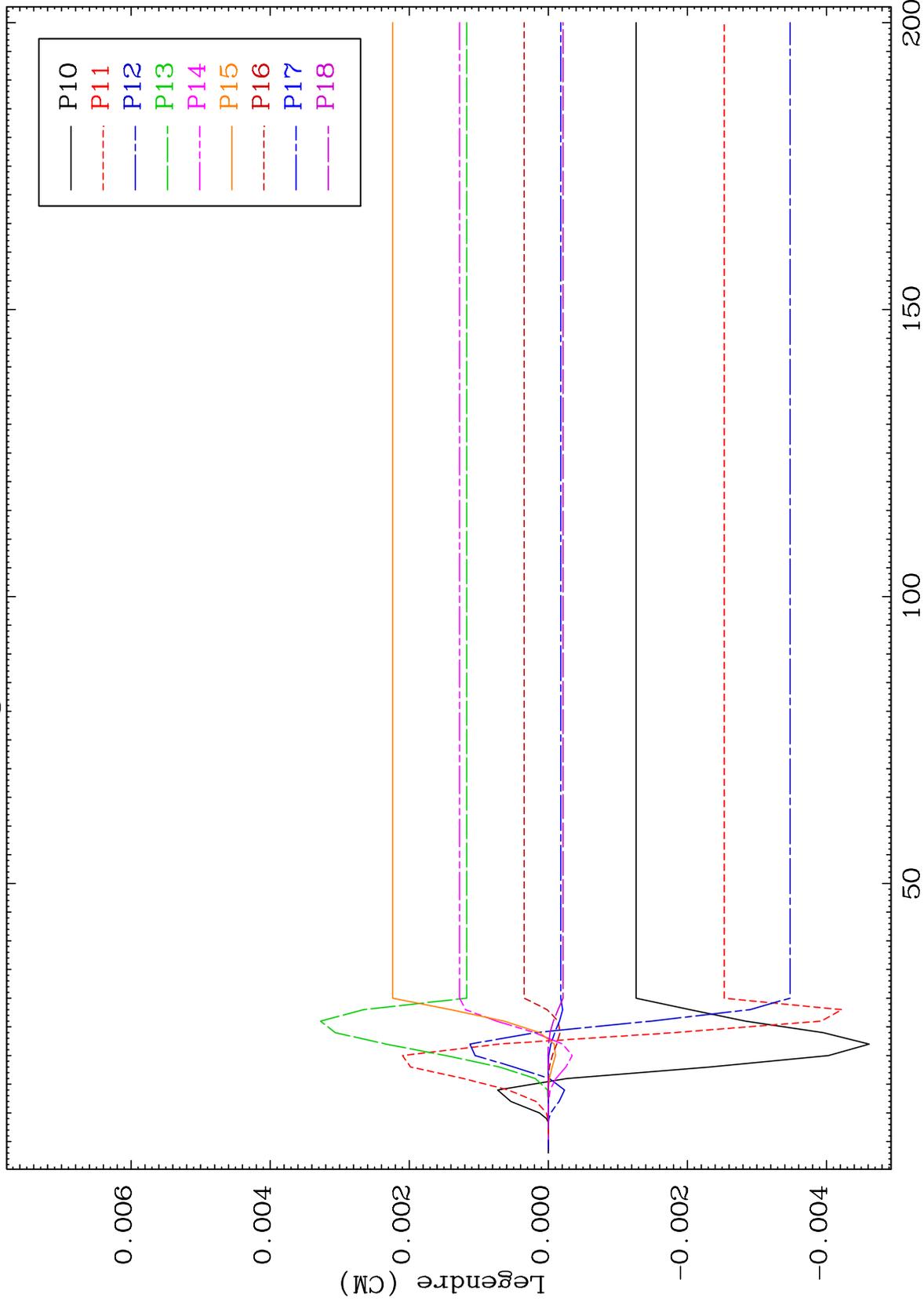




MAT 5013

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

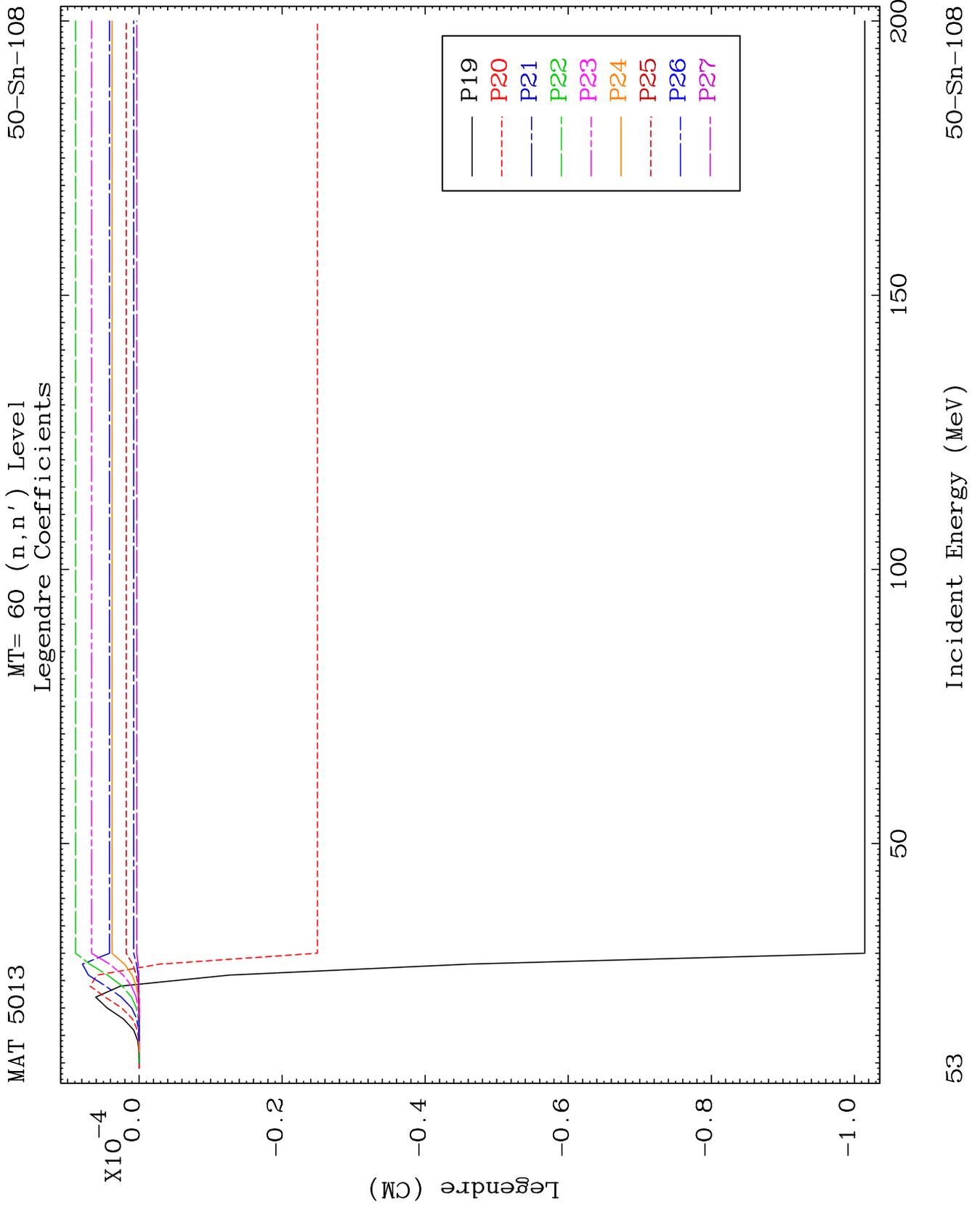
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52

Incident Energy (MeV)

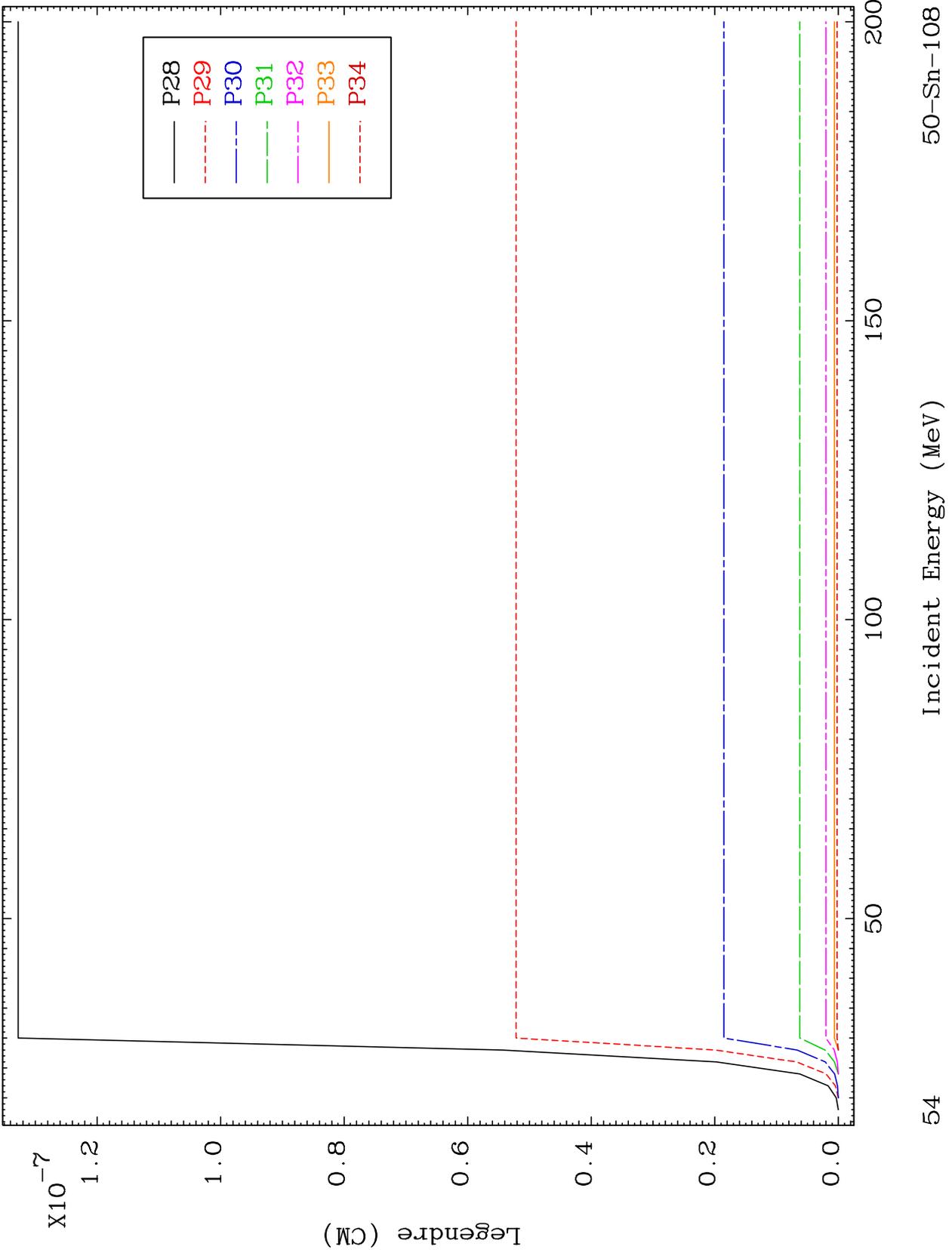
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MAT 5013

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

50-Sn-108



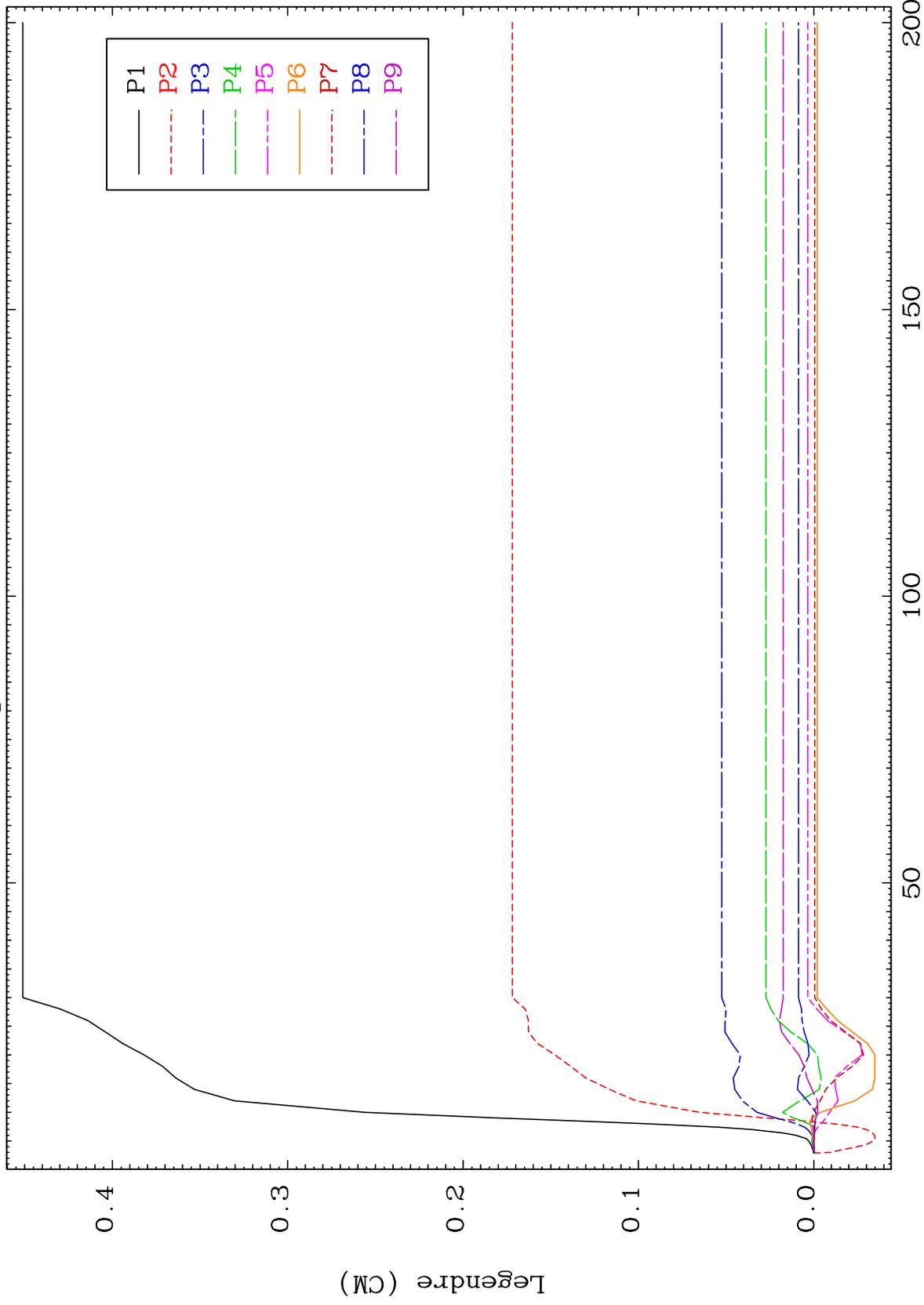
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50-Sn-108

MAT 5013

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

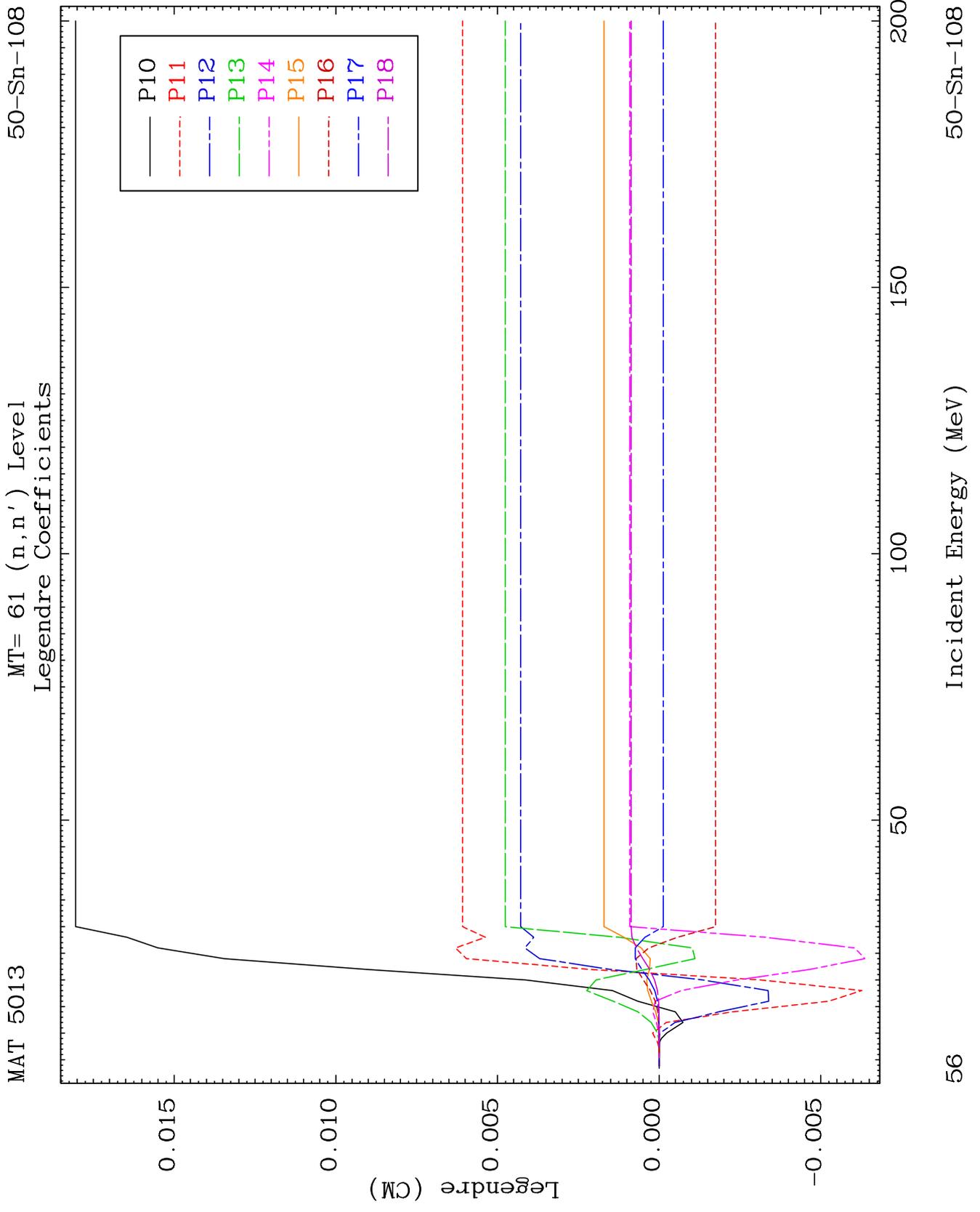
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55

Incident Energy (MeV)

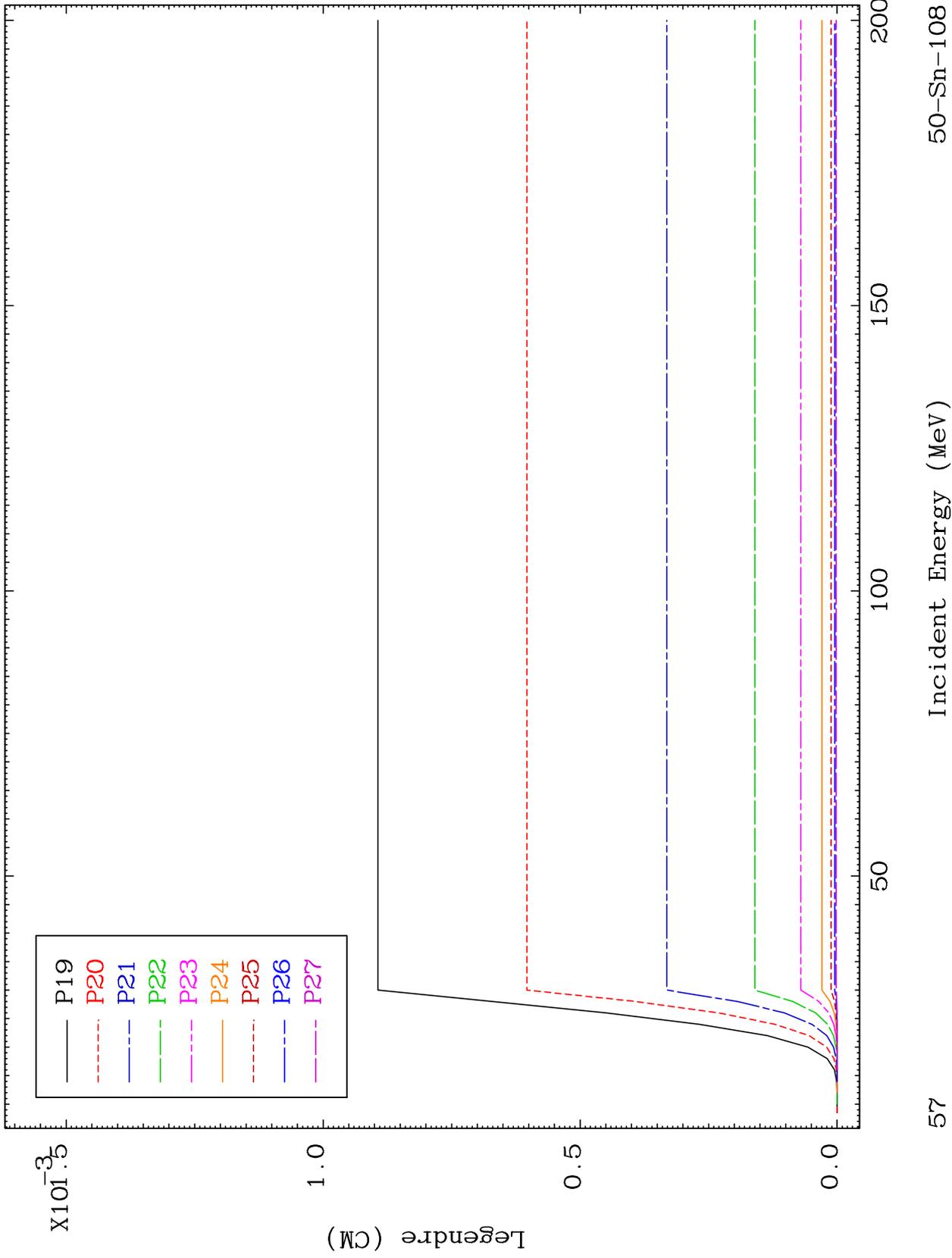
50-Sn-108



MAT 5013

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

50-Sn-108



57

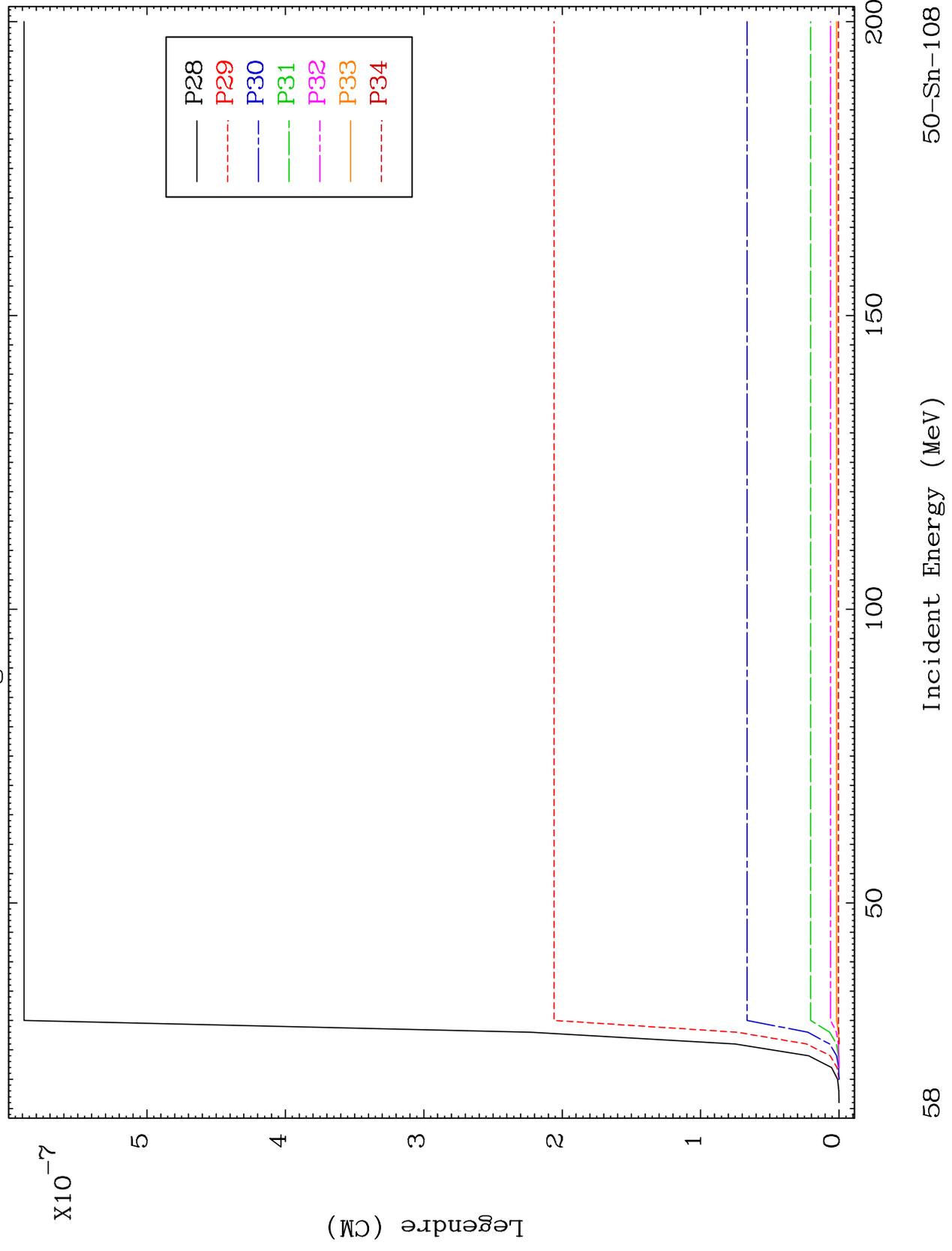
50-Sn-108

Incident Energy (MeV)

MAT 5013

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

50-Sn-108



58

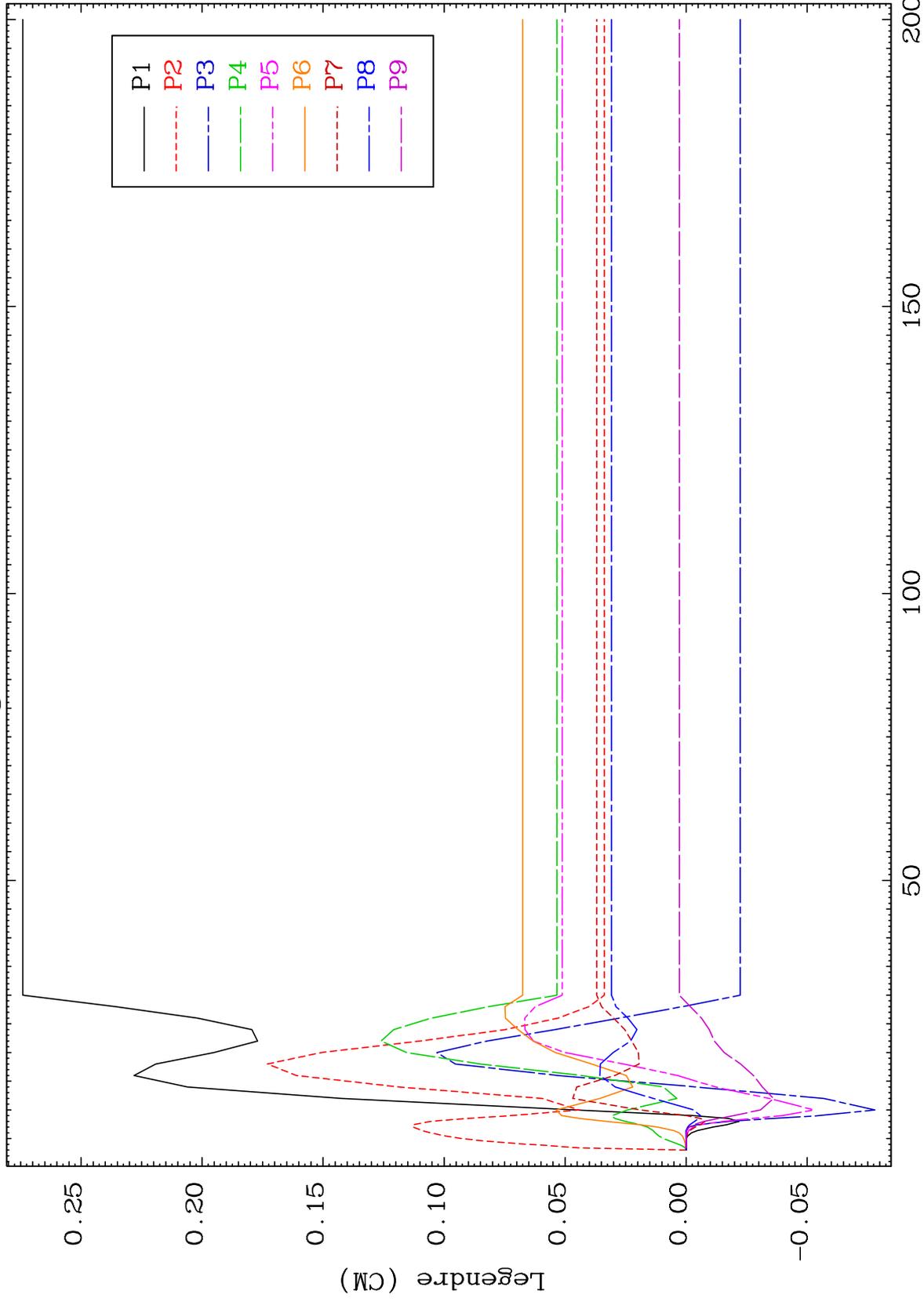
Incident Energy (MeV)

50-Sn-108

MAT 5013

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

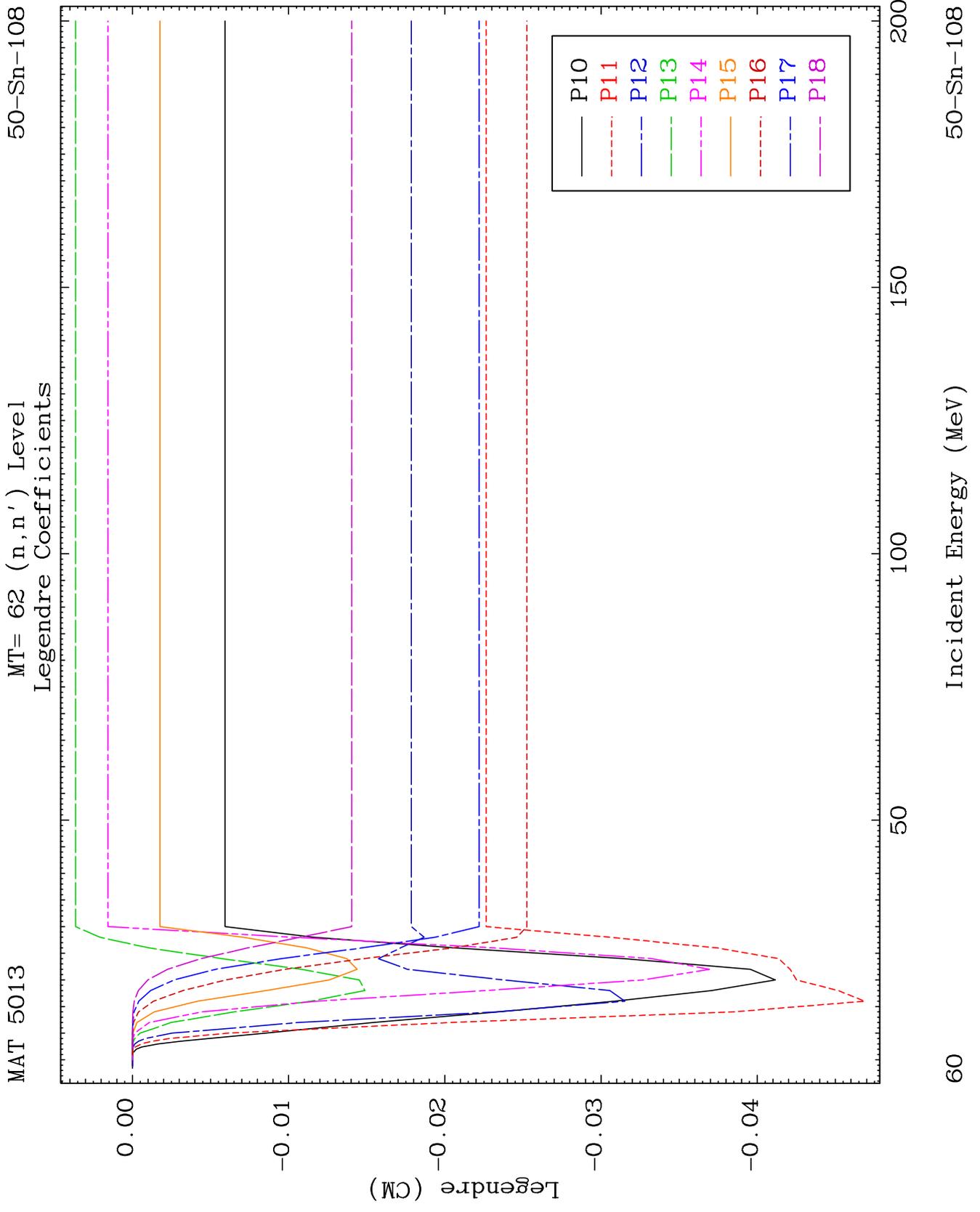
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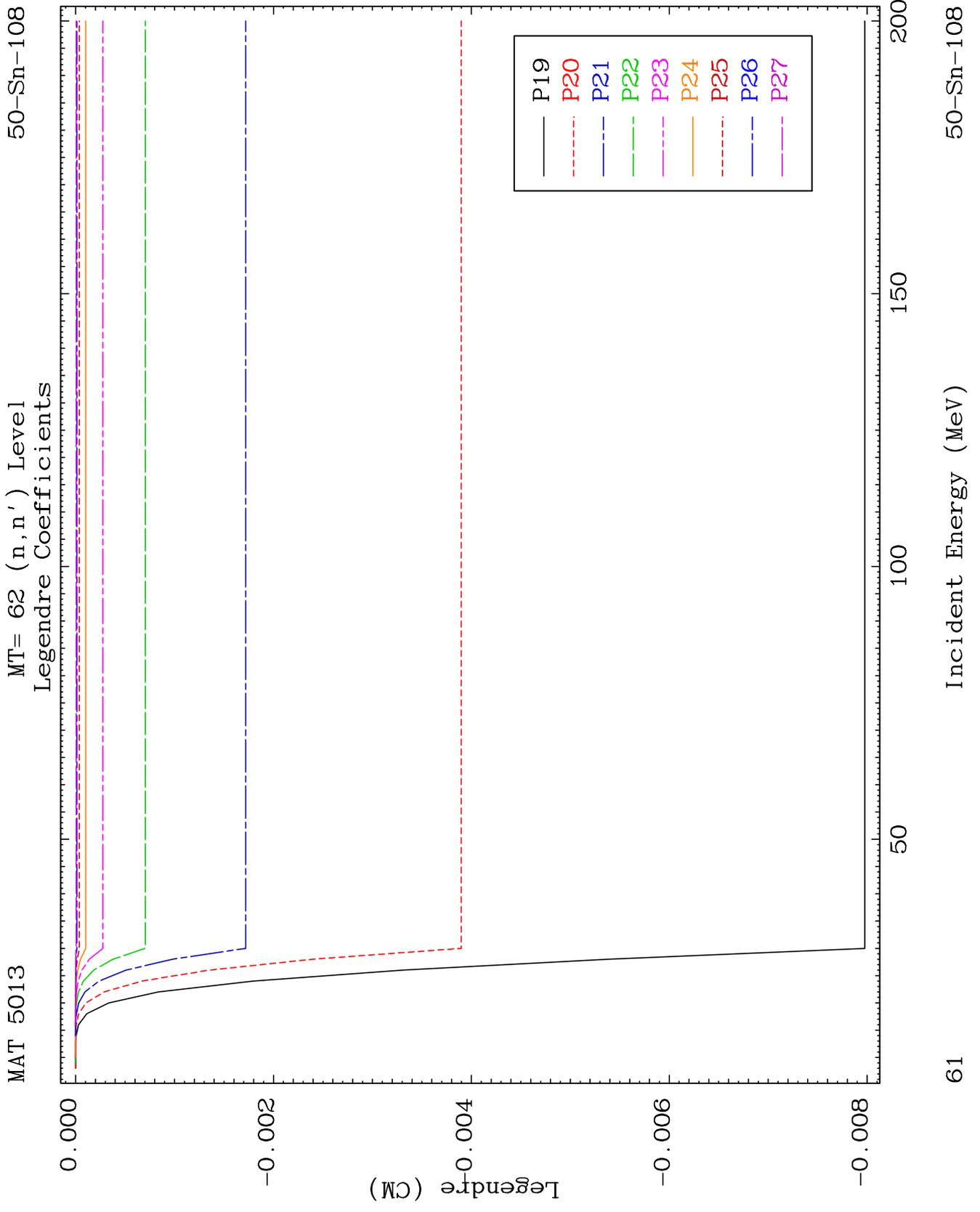


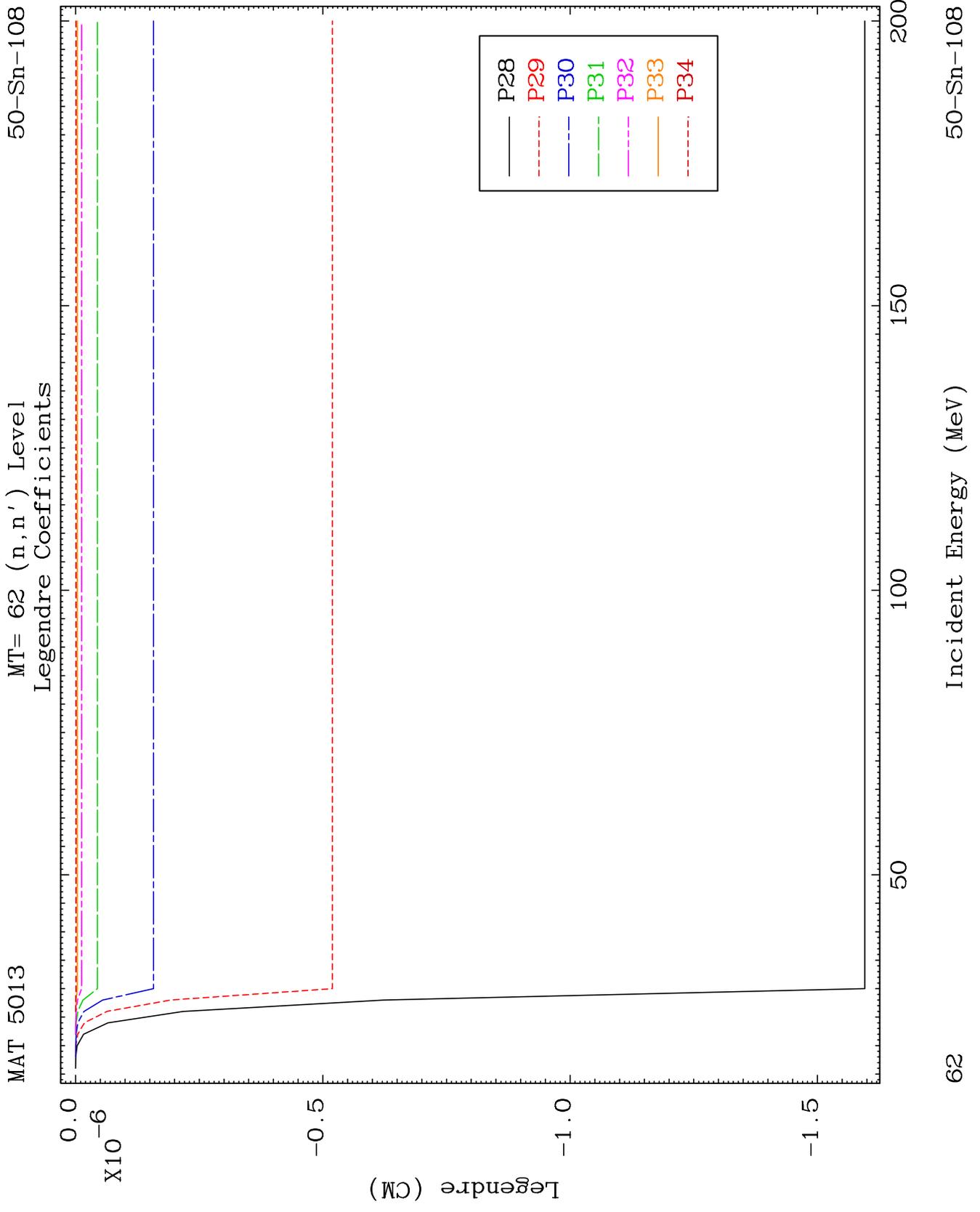
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Incident Energy (MeV)

50-Sn-108



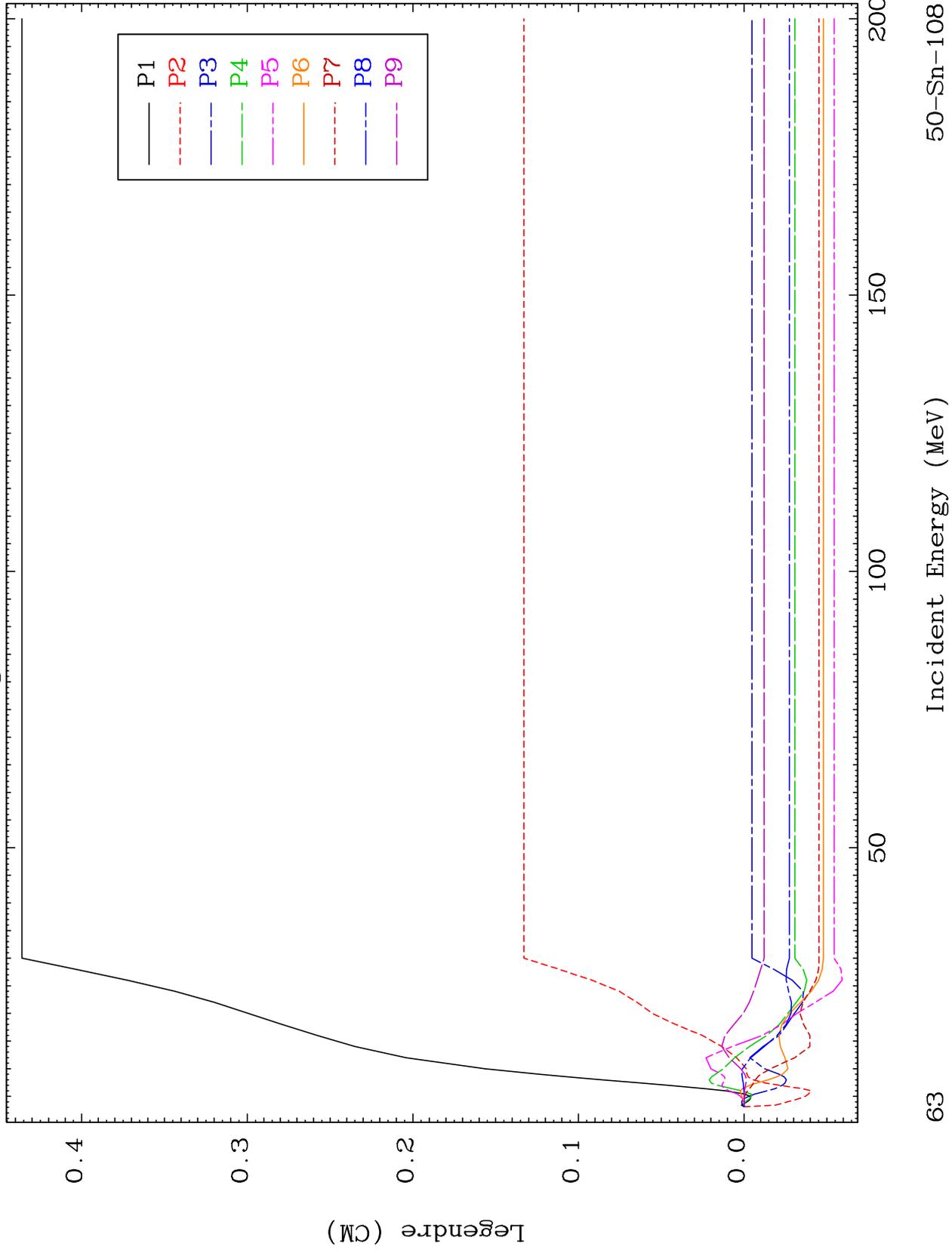




MAT 5013

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

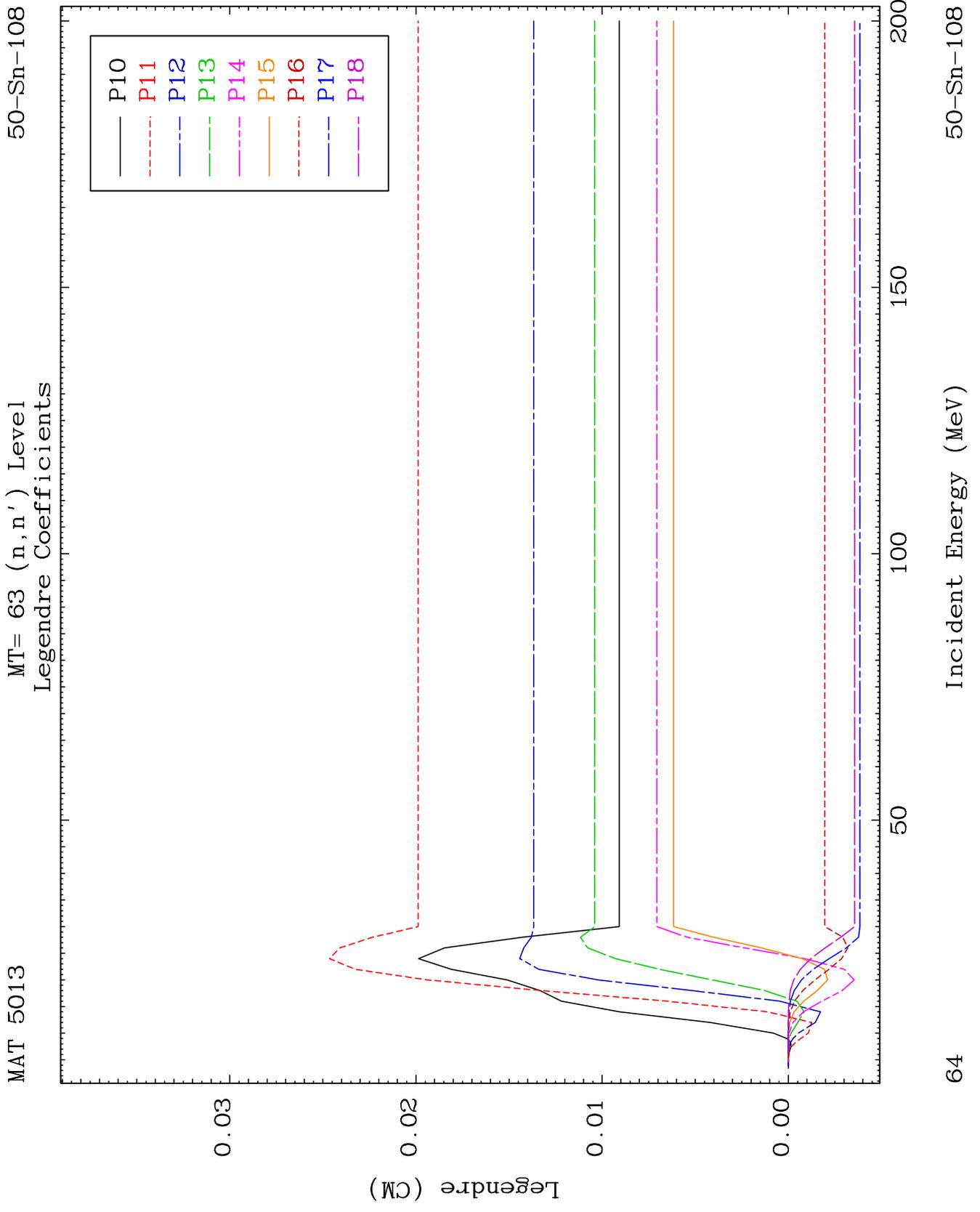
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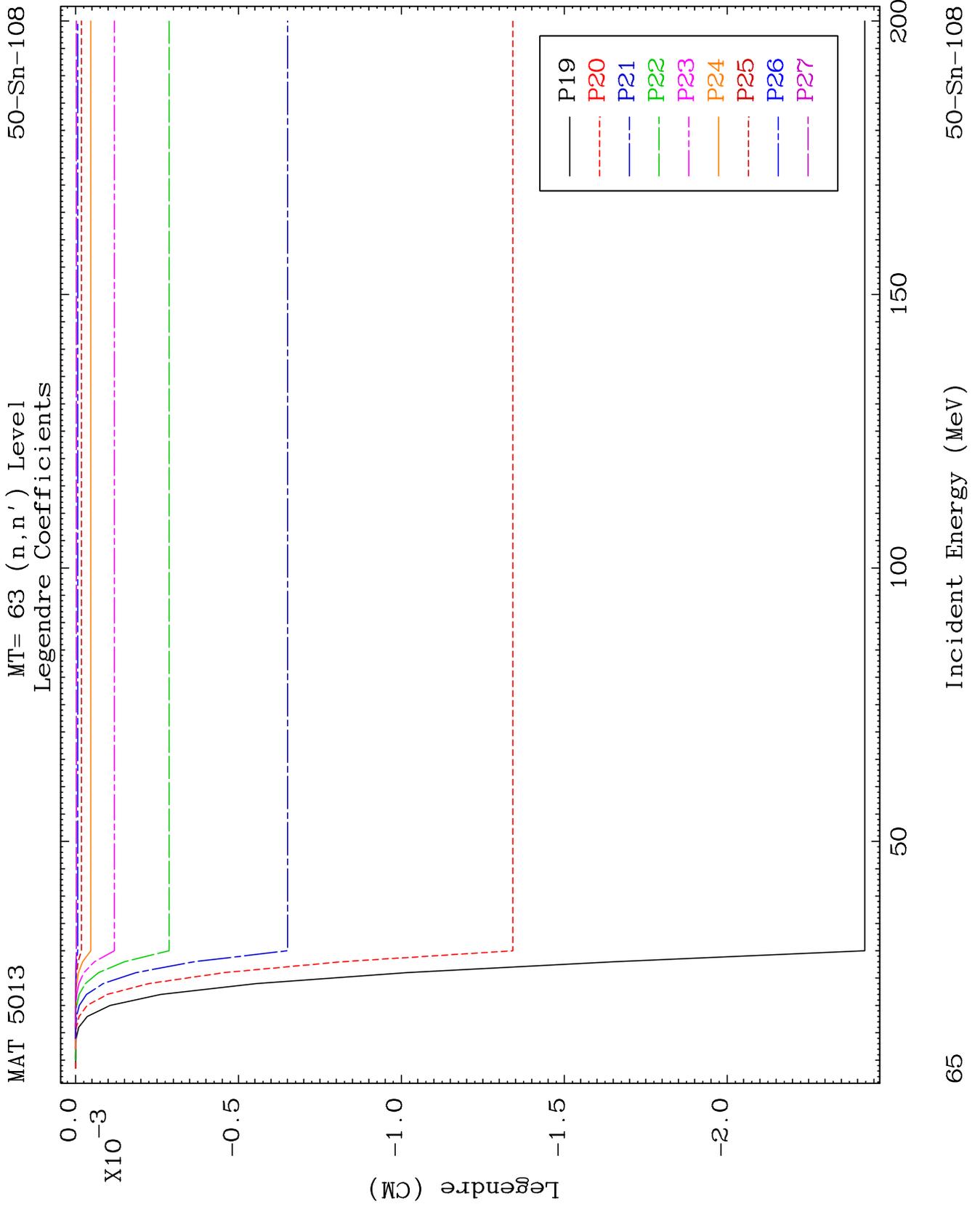


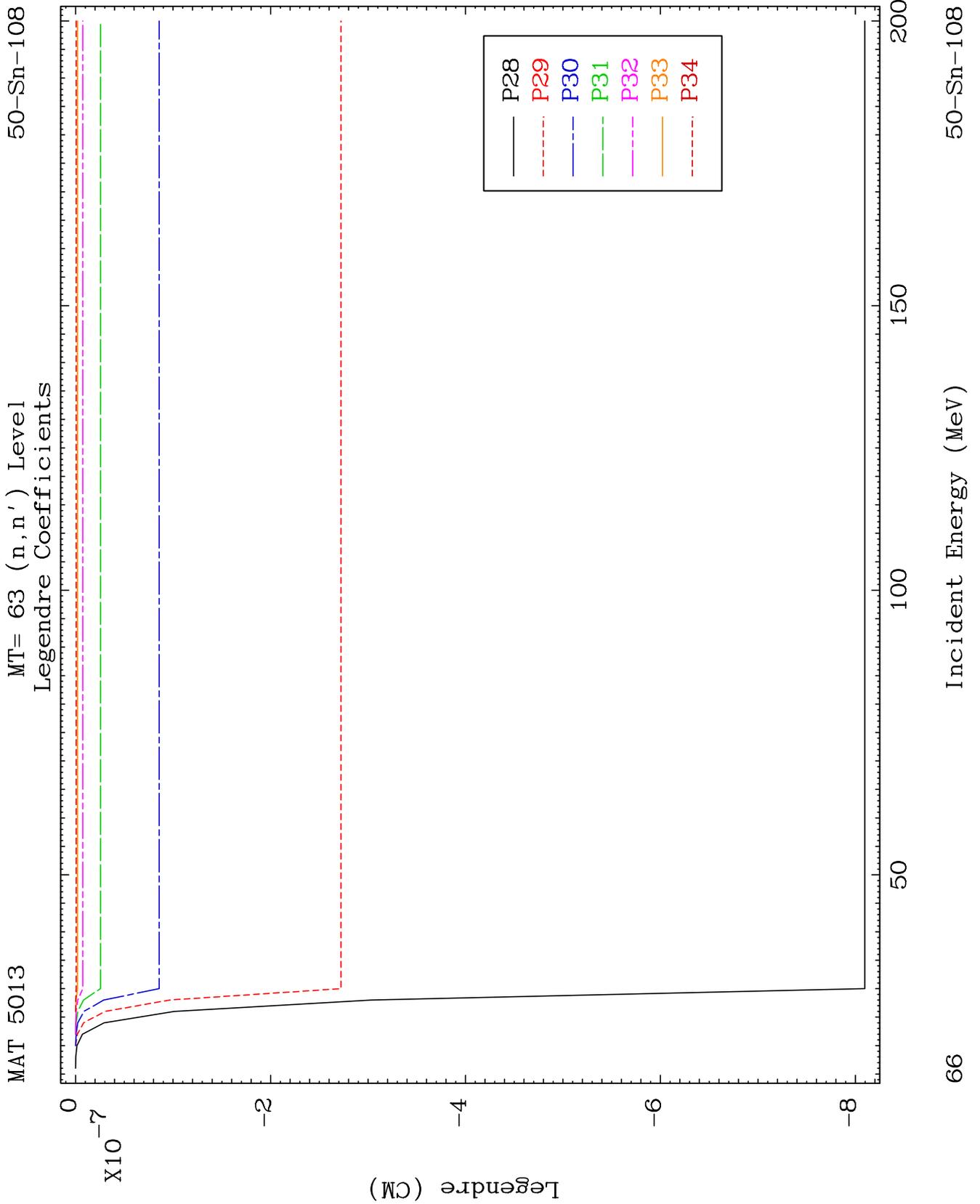
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Incident Energy (MeV)

50-Sn-108



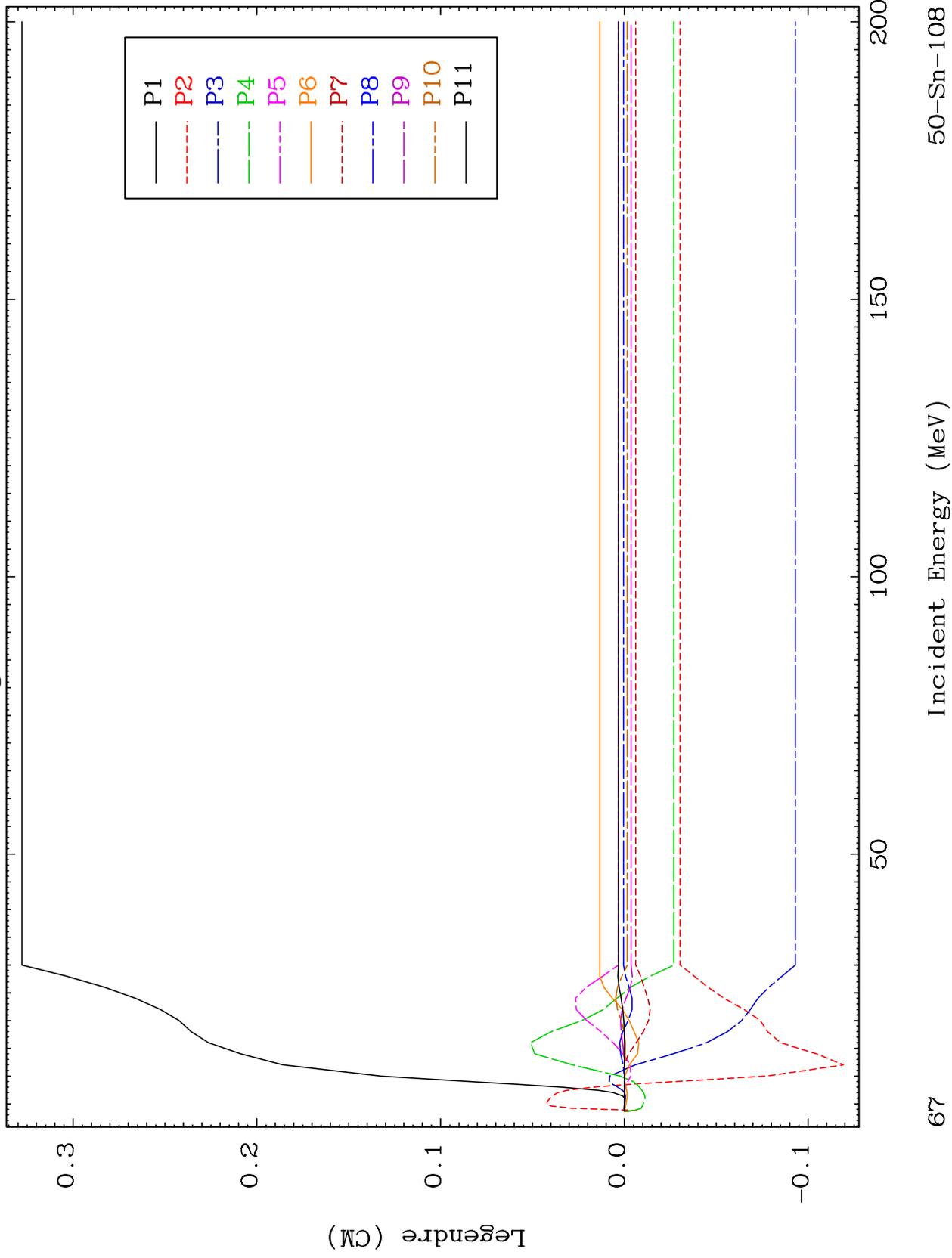




MAT 5013

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

50-Sn-108



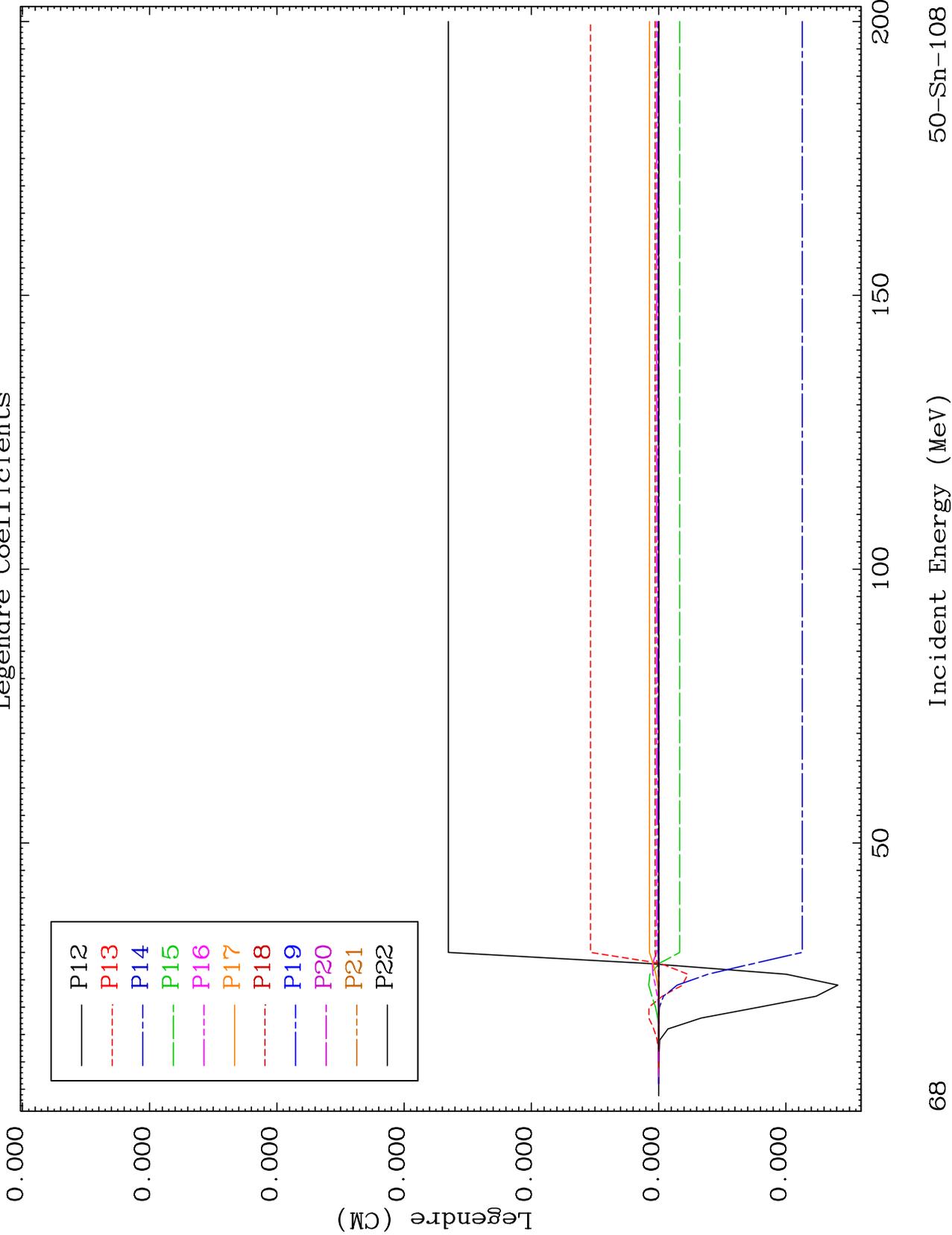
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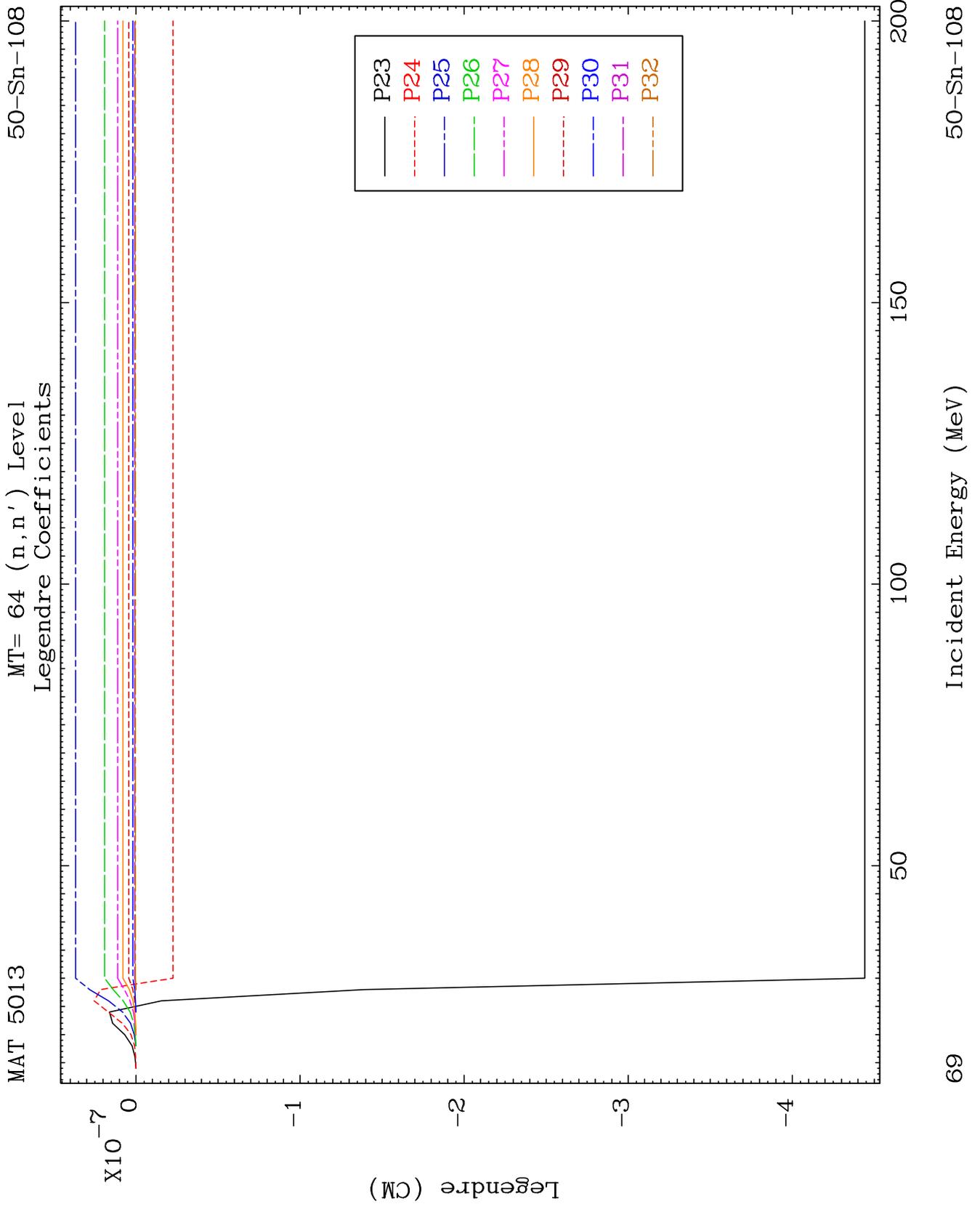
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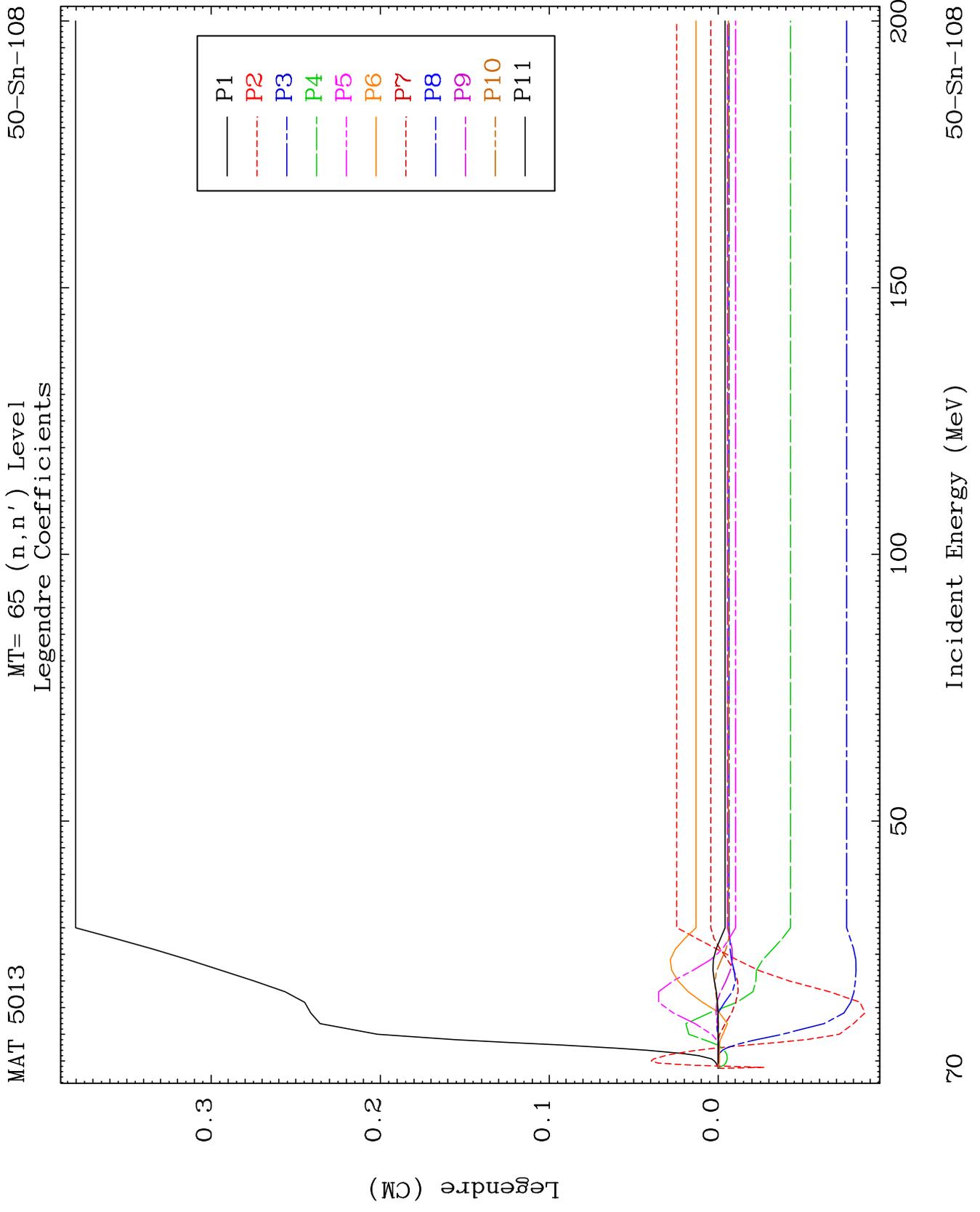
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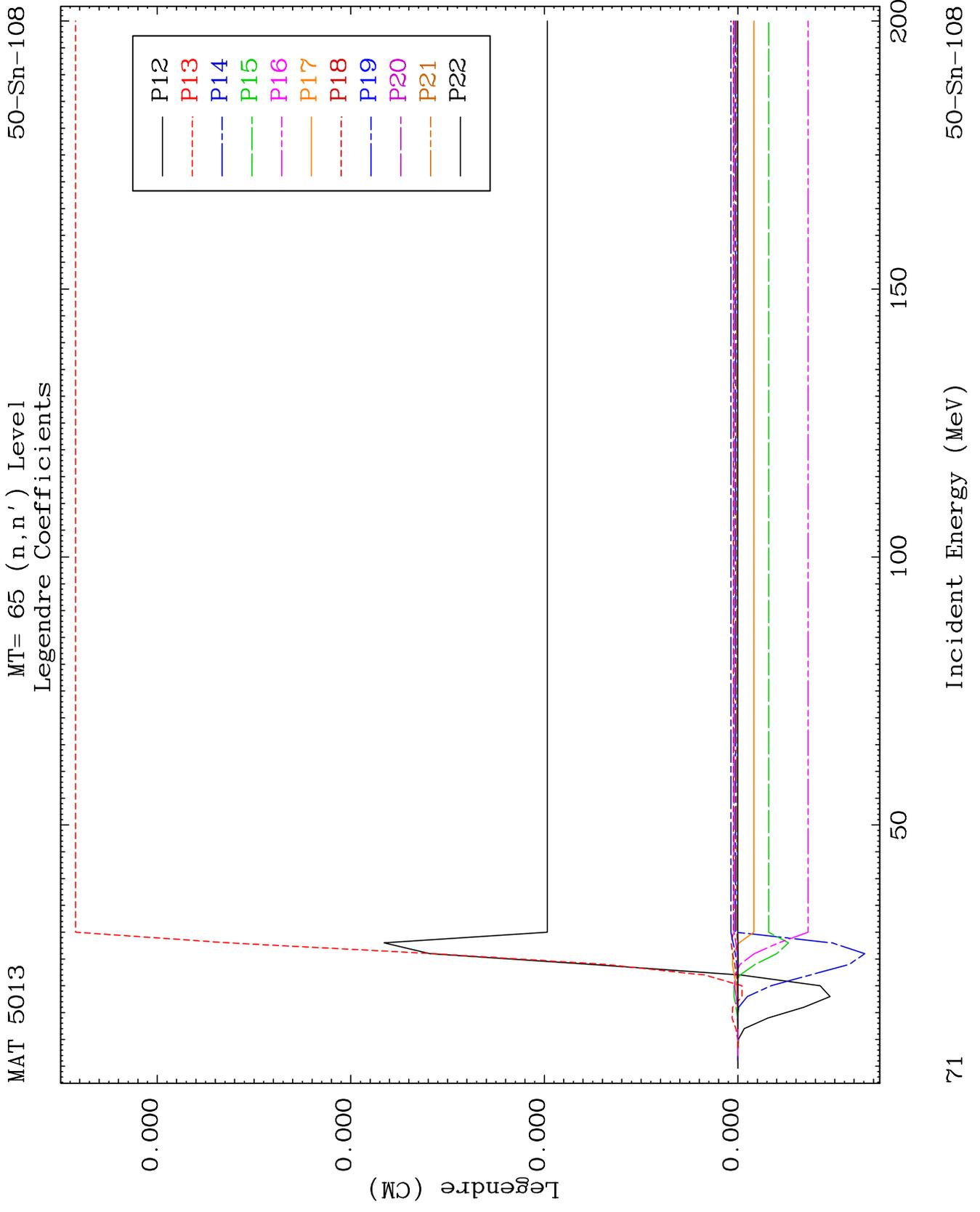
MT= 64 (n,n') Level Legendre Coefficients

50-Sn-108





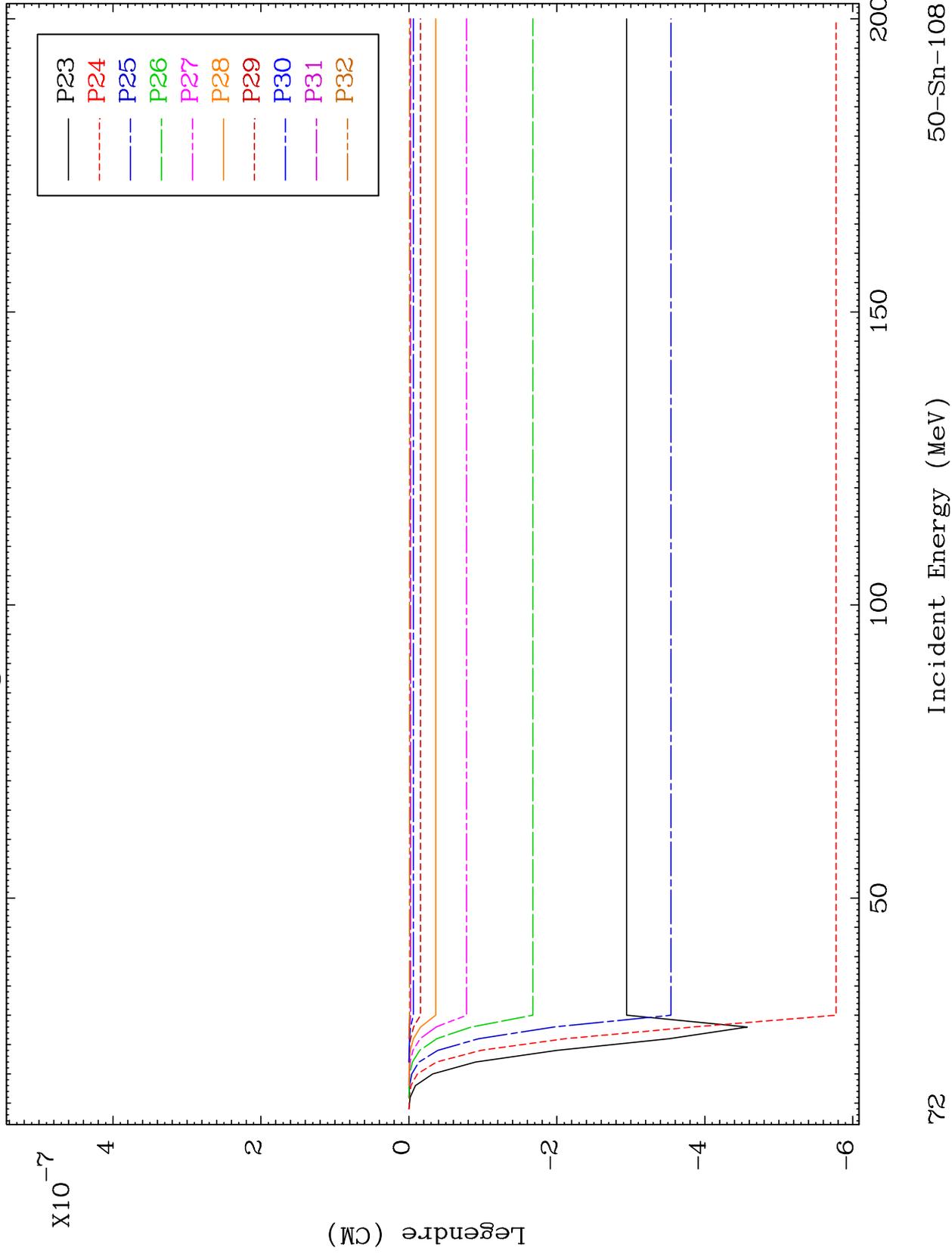




MAT 5013

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

50-Sn-108



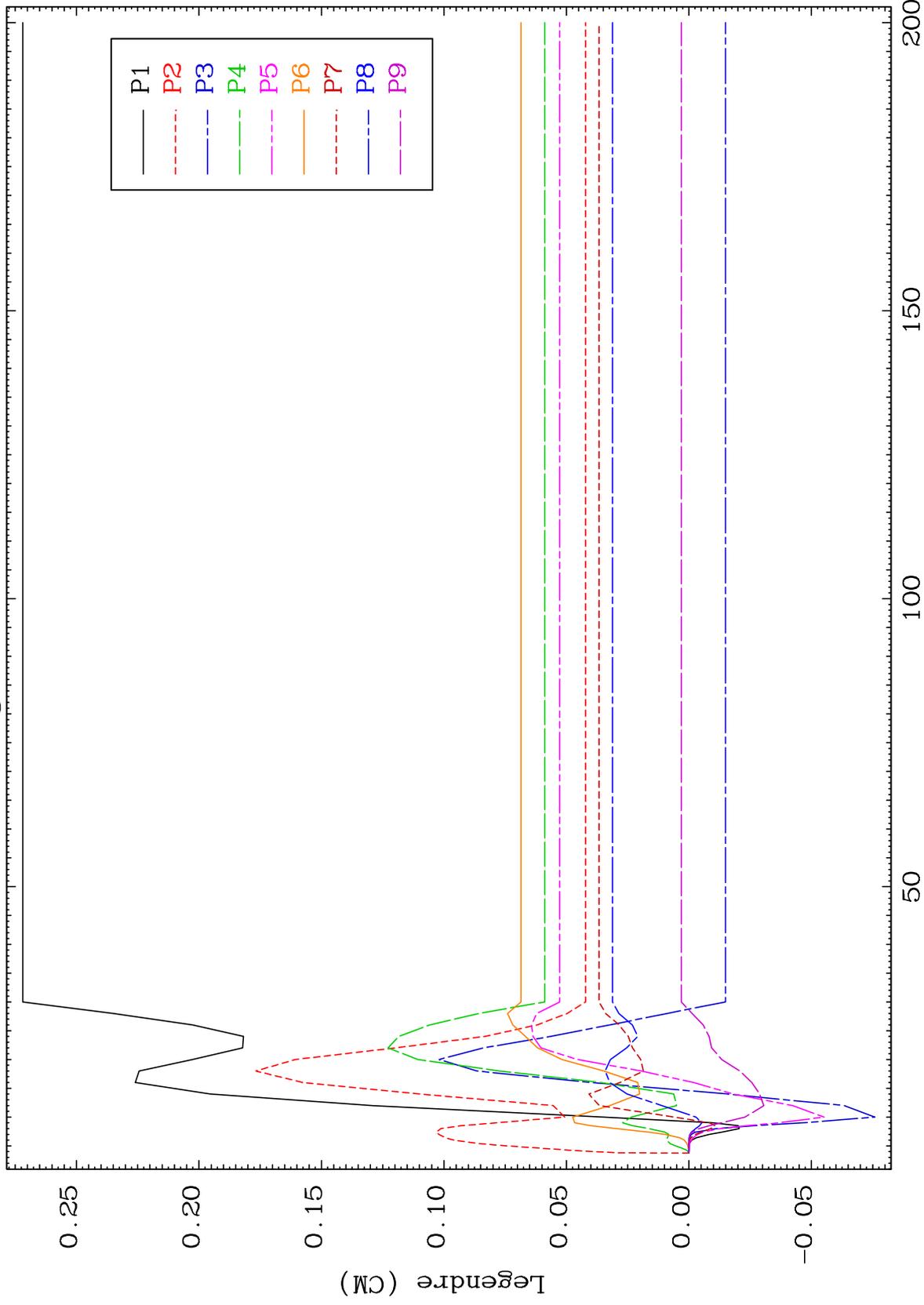
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50-Sn-108

MAT 5013

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

50-Sn-108



73

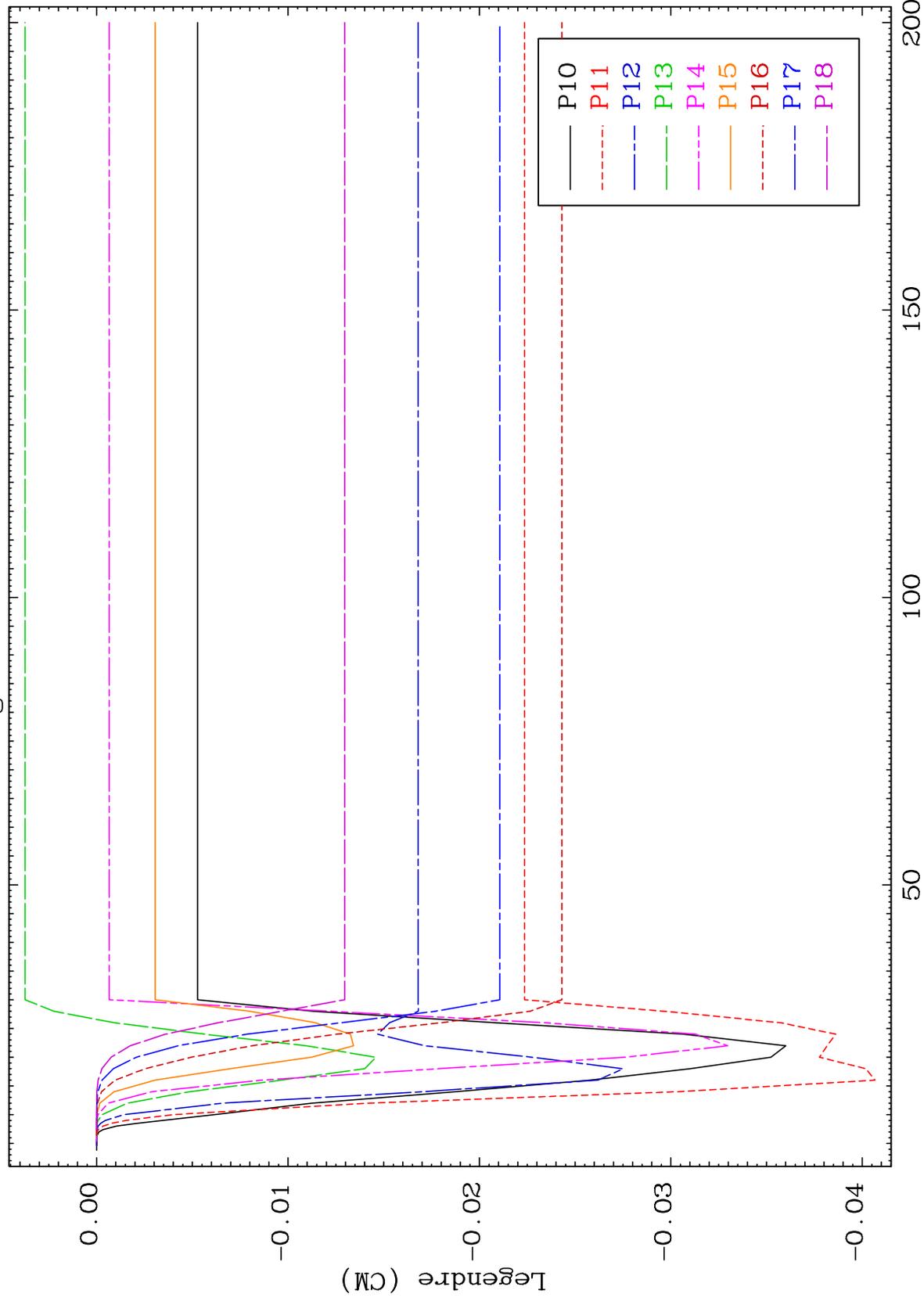
Incident Energy (MeV)

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MAT 5013

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

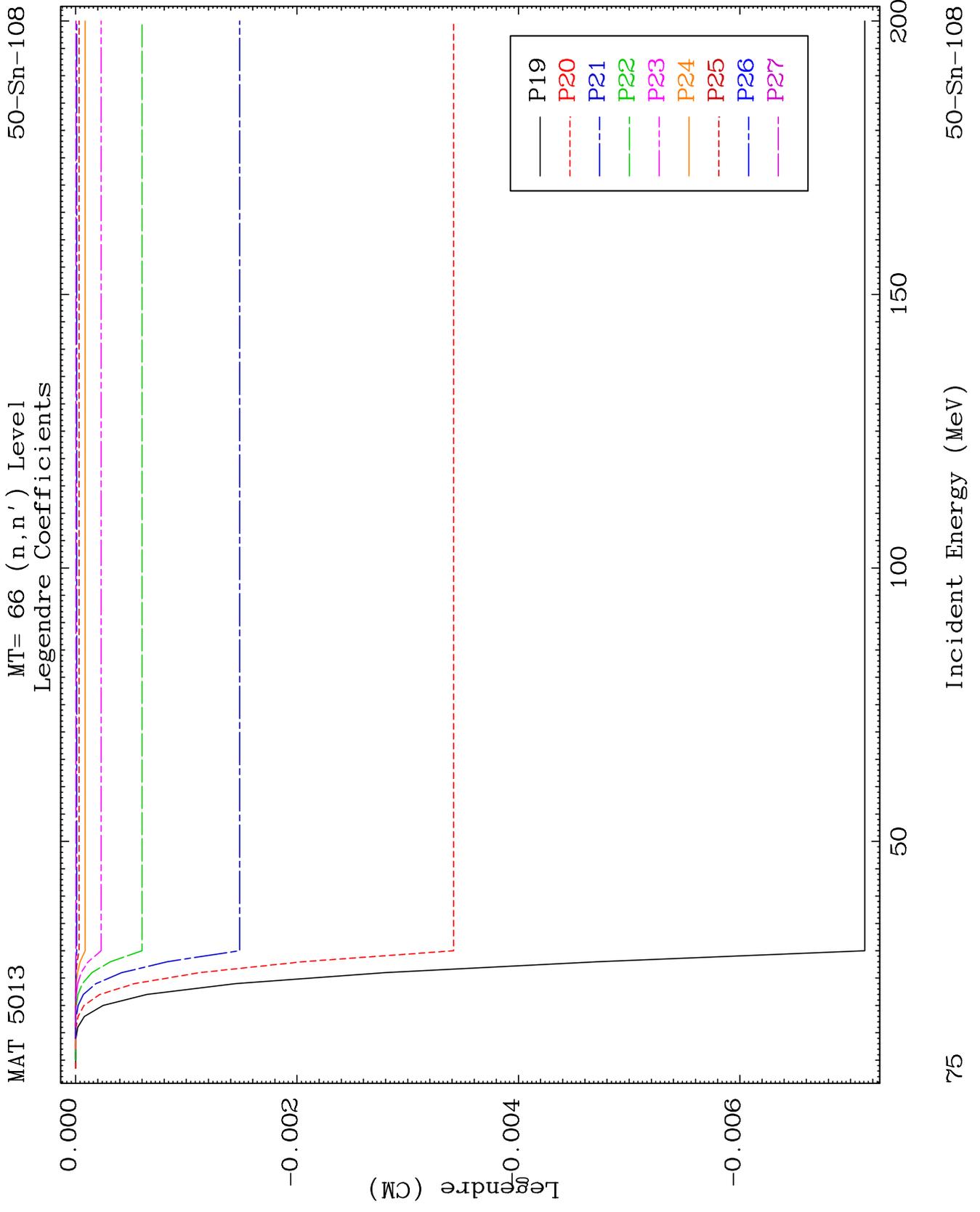
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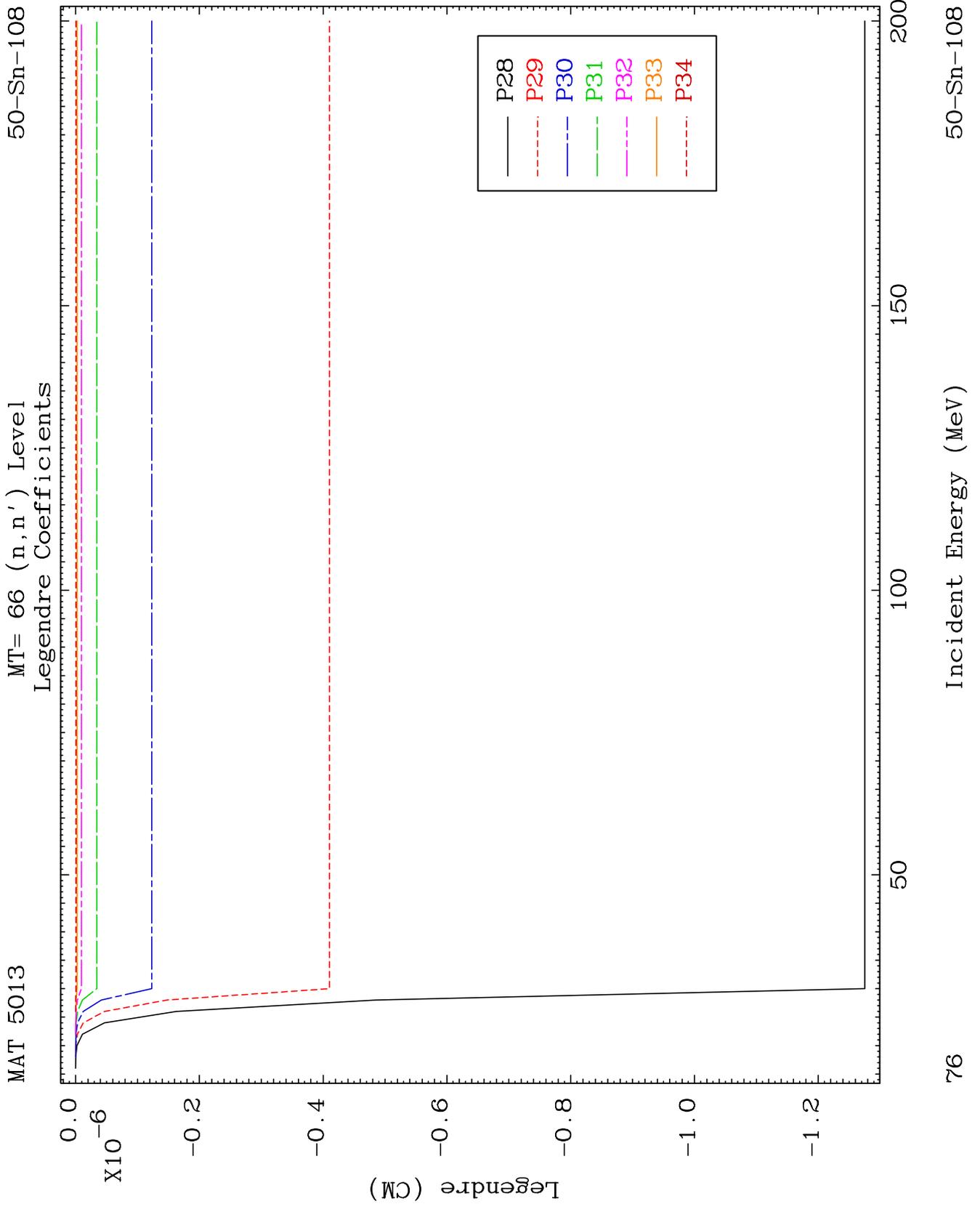


74

Incident Energy (MeV)

50-Sn-108



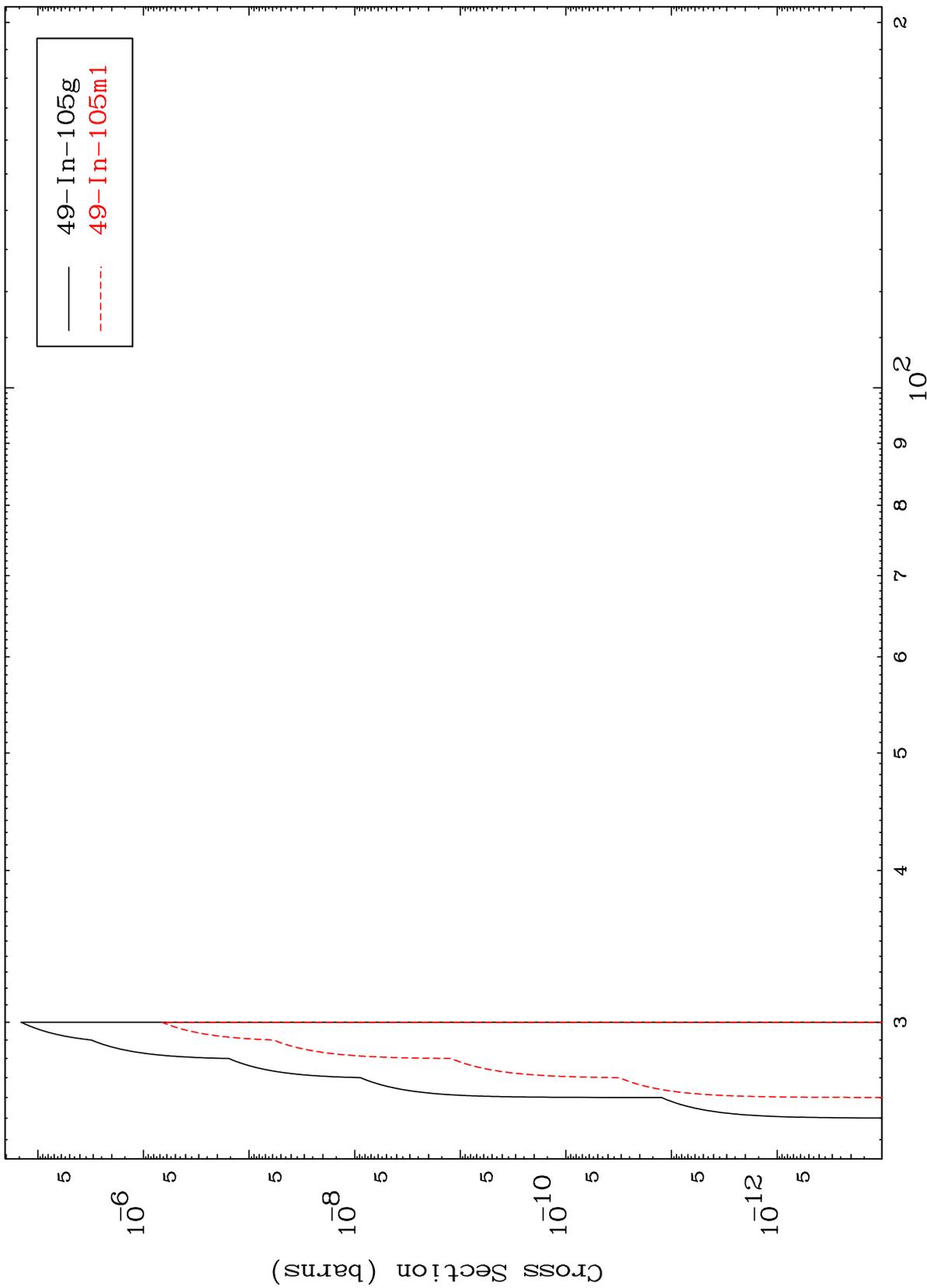


MAT 5013

(n,2n) d

50-Sn-108

Radionuclide Production Cross Section



— 49-In-105g
- - - 49-In-105m1

77

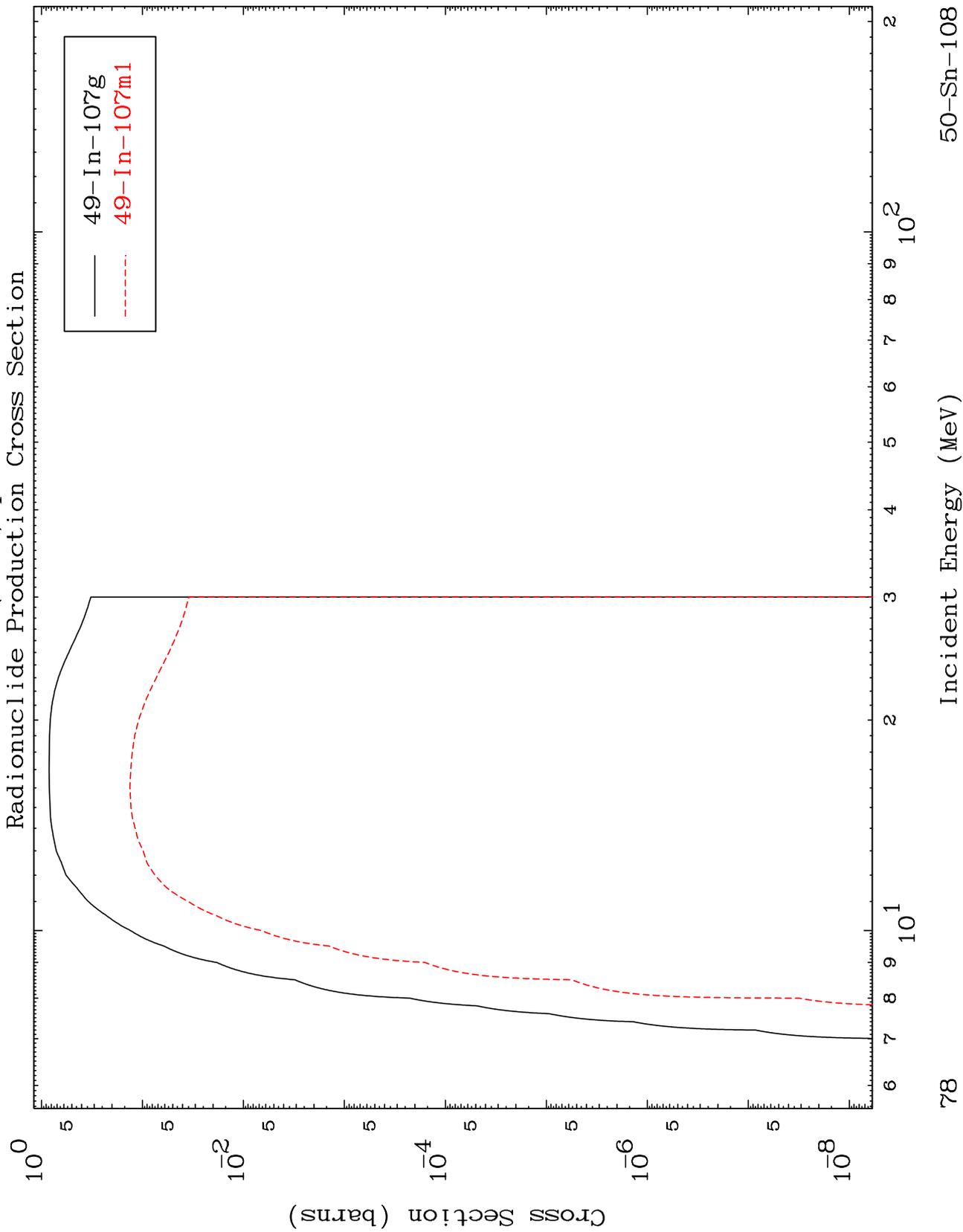
Incident Energy (MeV)

50-Sn-108

MAT 5013

(n,n') p

50-Sn-108

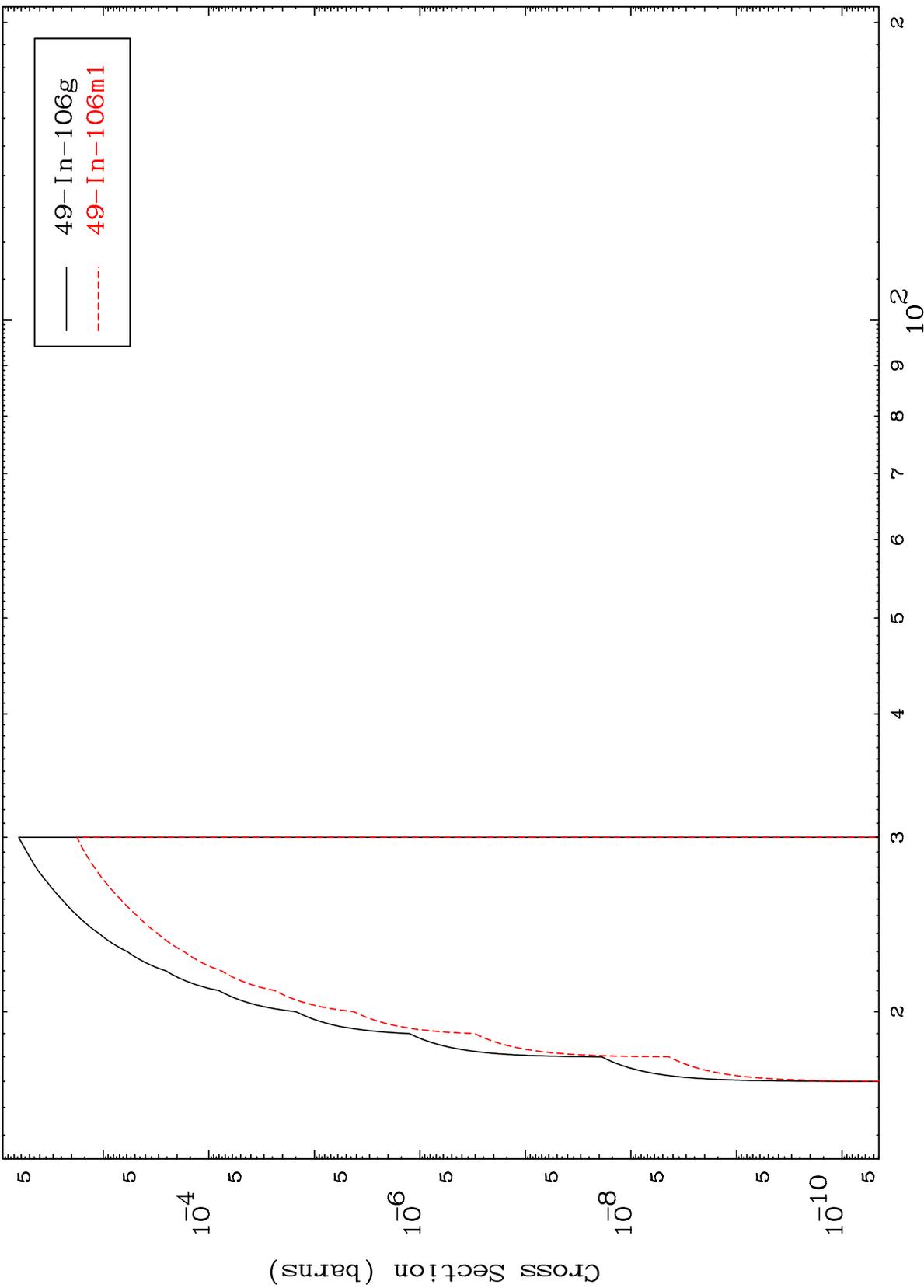


MAT 5013

(n,n') d

50-Sn-108

Radionuclide Production Cross Section



79

Incident Energy (MeV)

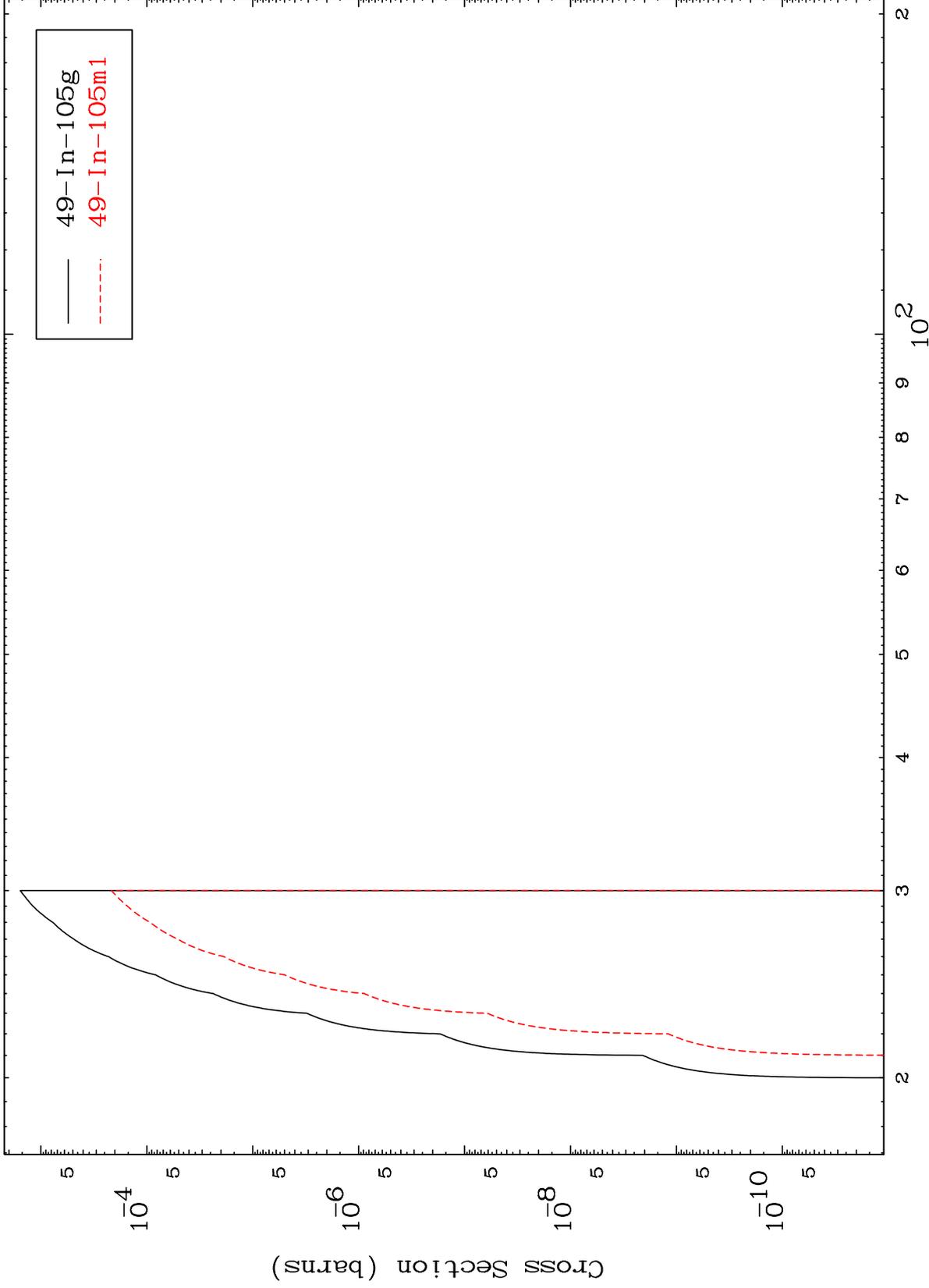
50-Sn-108

MAT 5013

(n,n') t

50-Sn-108

Radionuclide Production Cross Section

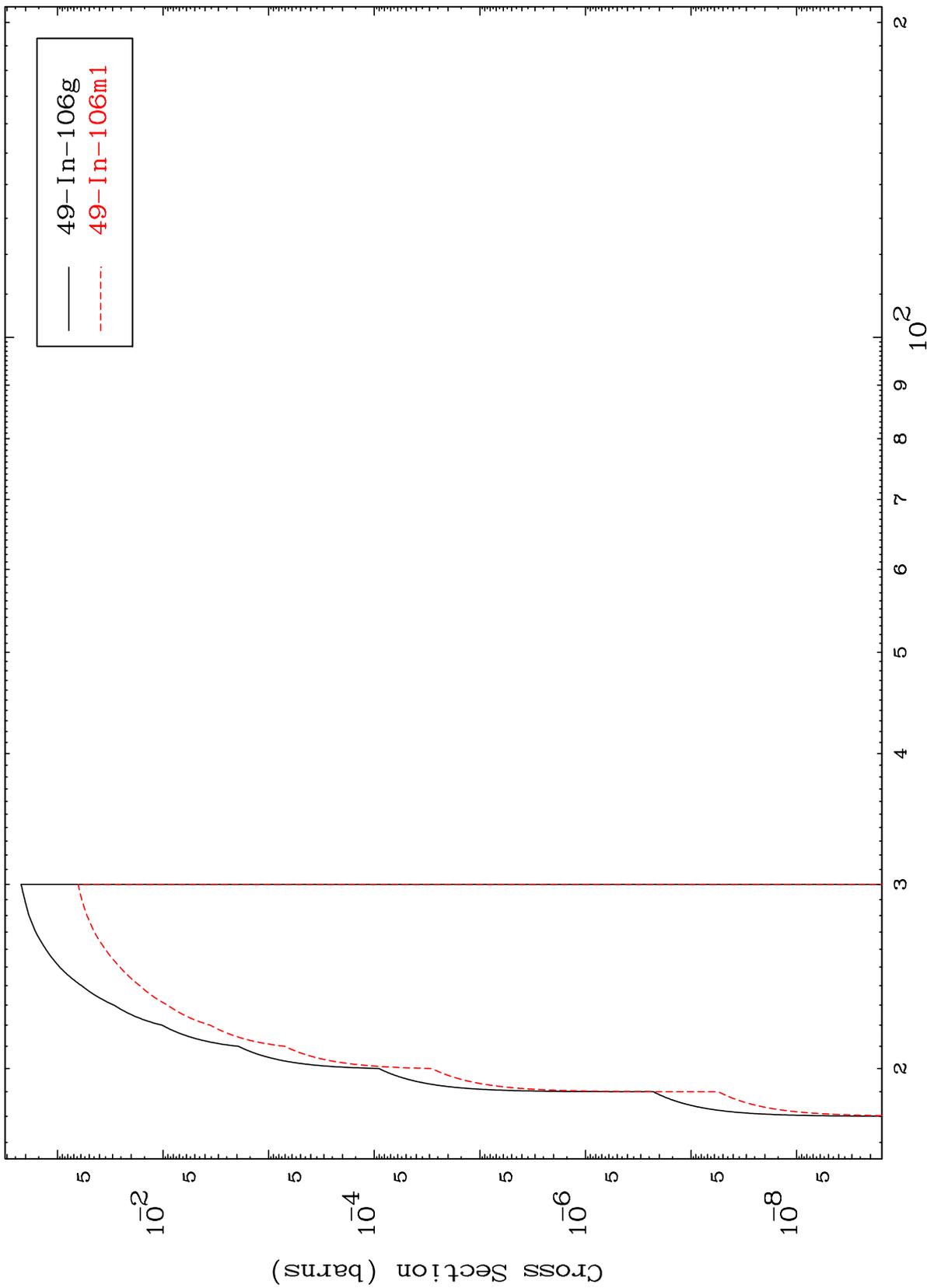


80

Incident Energy (MeV)

50-Sn-108

(n,2n) p
Radionuclide Production Cross Section

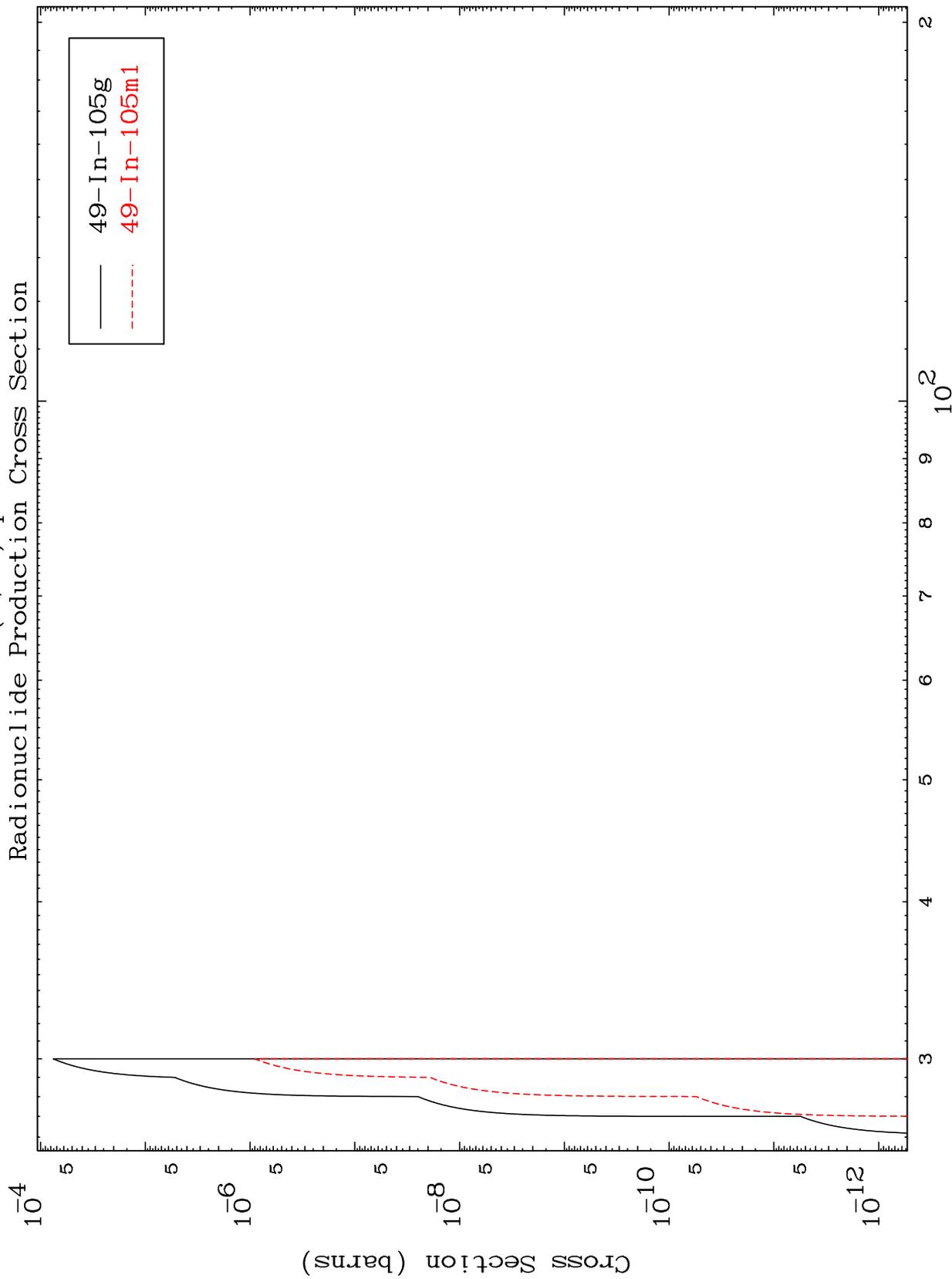


MAT 5013

(n,3n) p

50-Sn-108

Radionuclide Production Cross Section



82

Incident Energy (MeV)

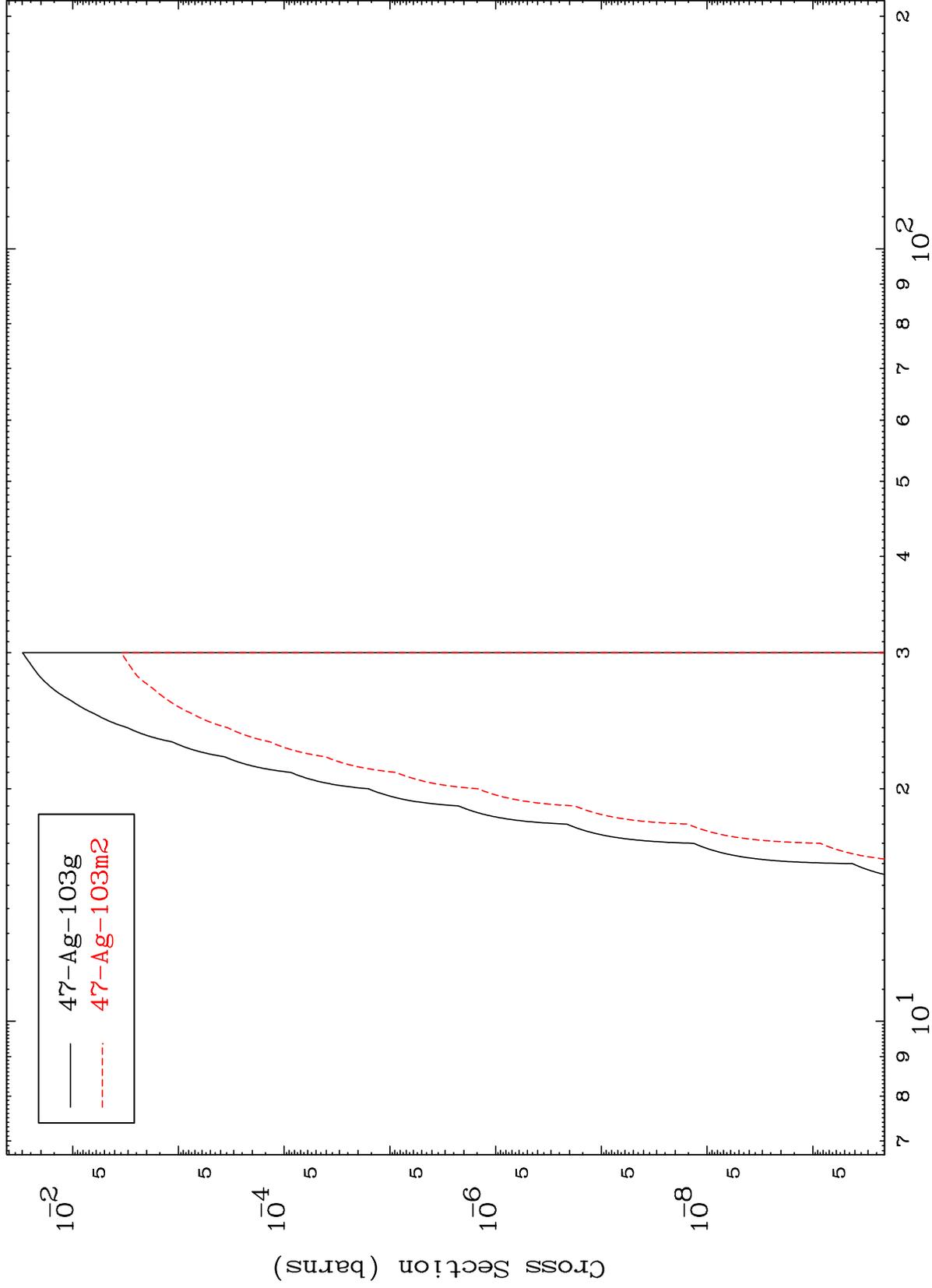
50-Sn-108

MAT 5013

(n,n') p α

50-Sn-108

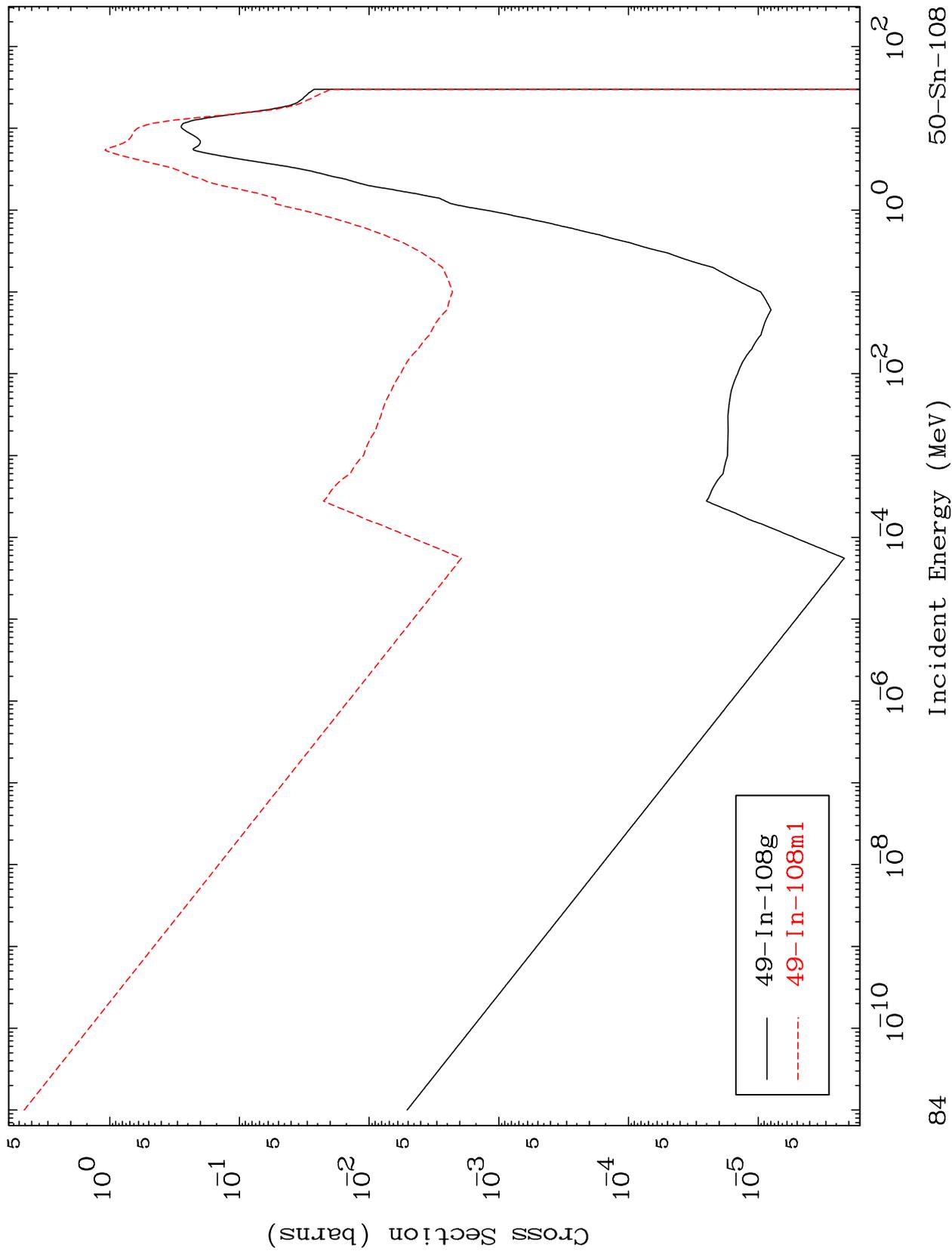
Radionuclide Production Cross Section



MAT 5013

50-Sn-108

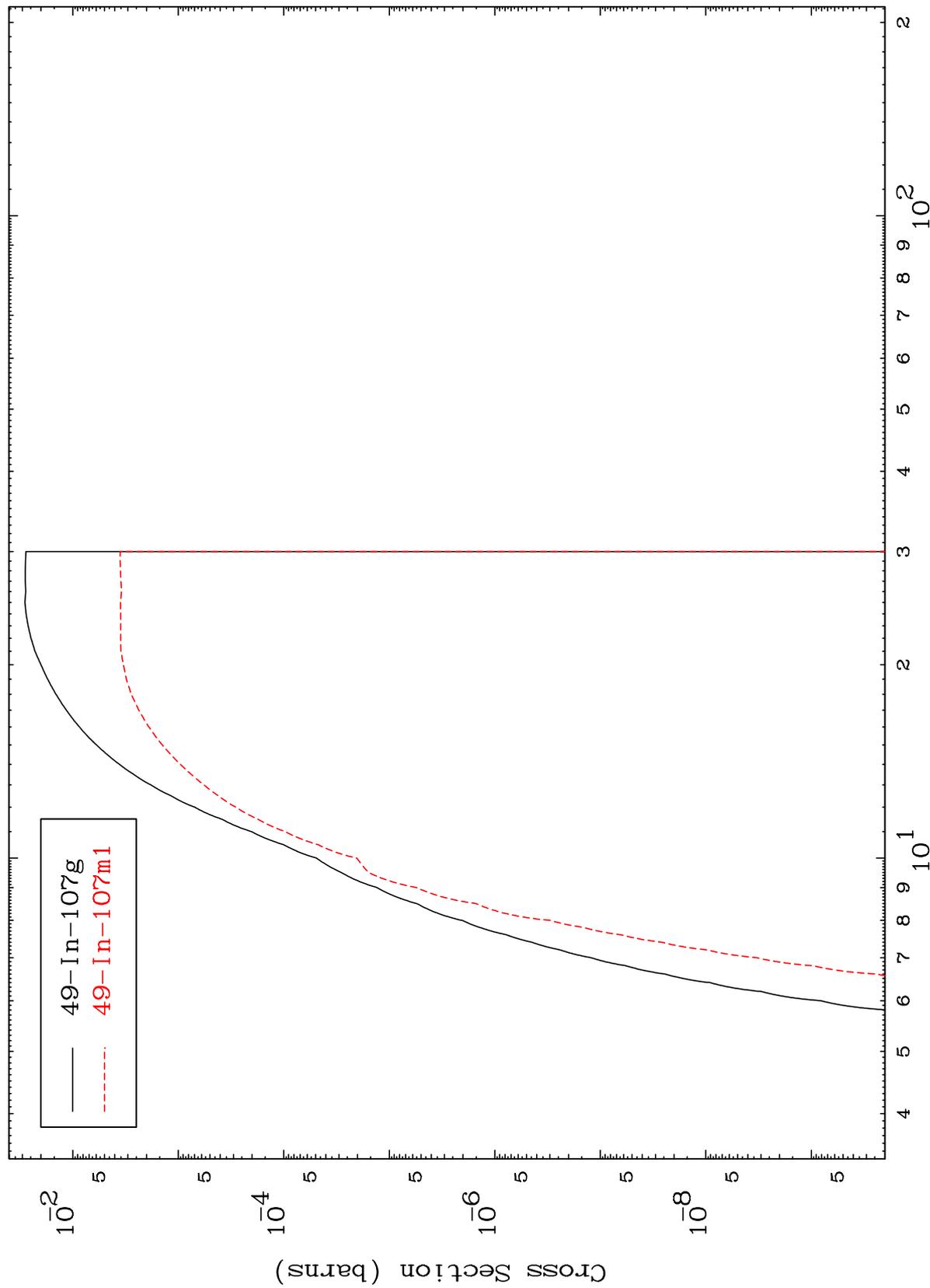
(n,p)
Radionuclide Production Cross Section



MAT 5013

50-Sn-108

(n,d)
Radionuclide Production Cross Section



85

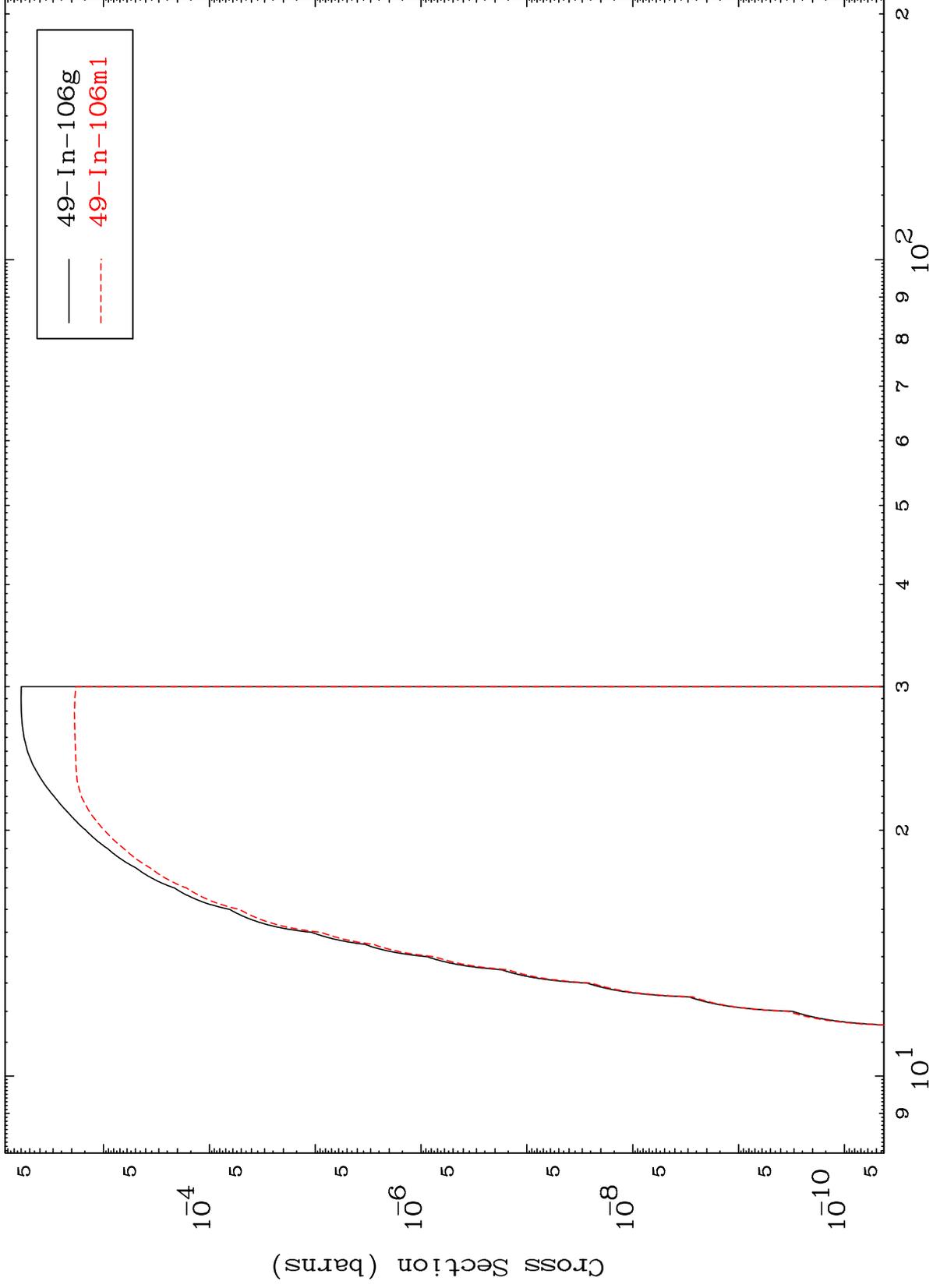
Incident Energy (MeV)

50-Sn-108

MAT 5013

50-Sn-108

(n,t)
Radionuclide Production Cross Section



86

Incident Energy (MeV)

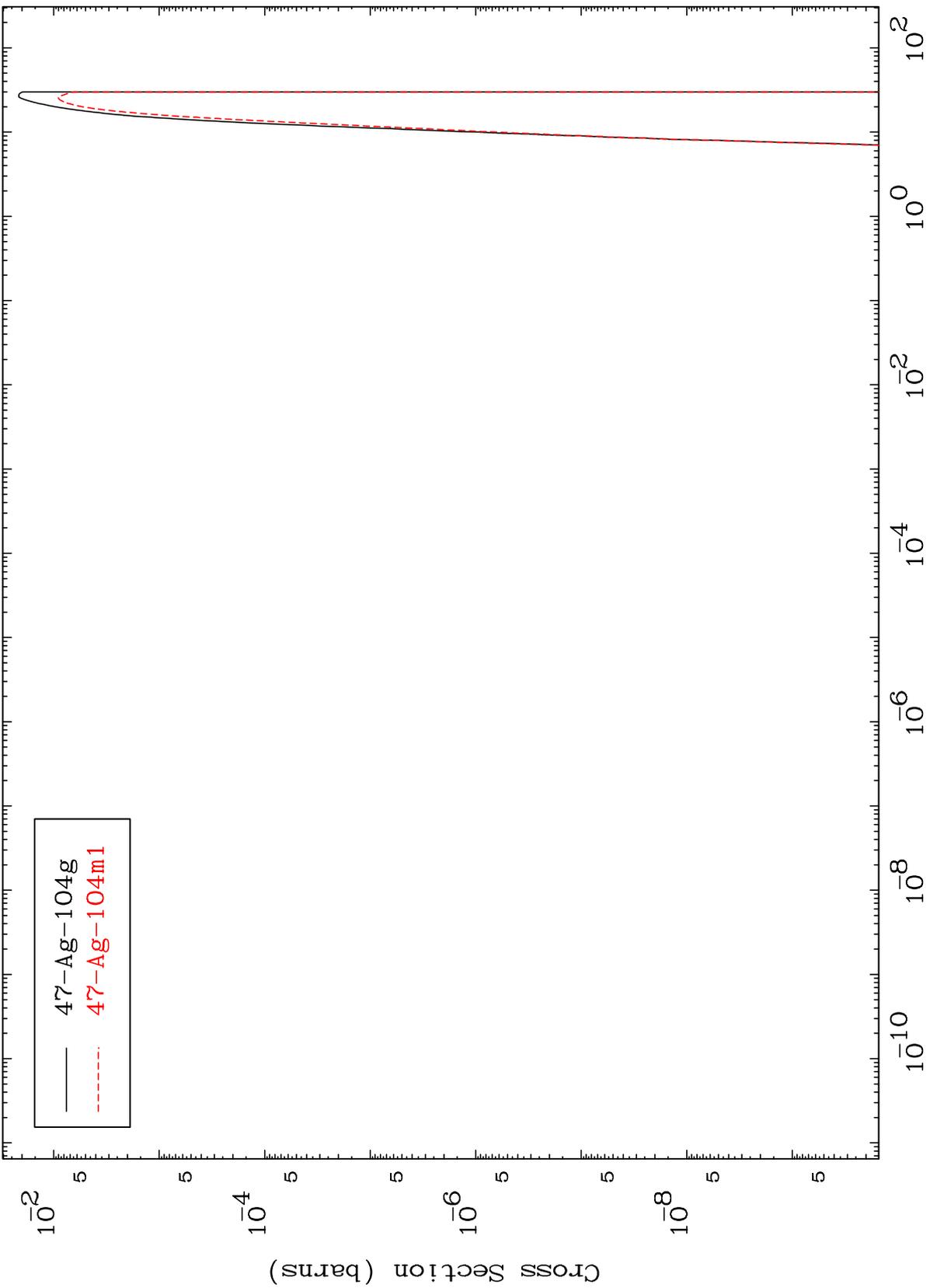
50-Sn-108

MAT 5013

(n,p) α

50-Sn-108

Radionuclide Production Cross Section

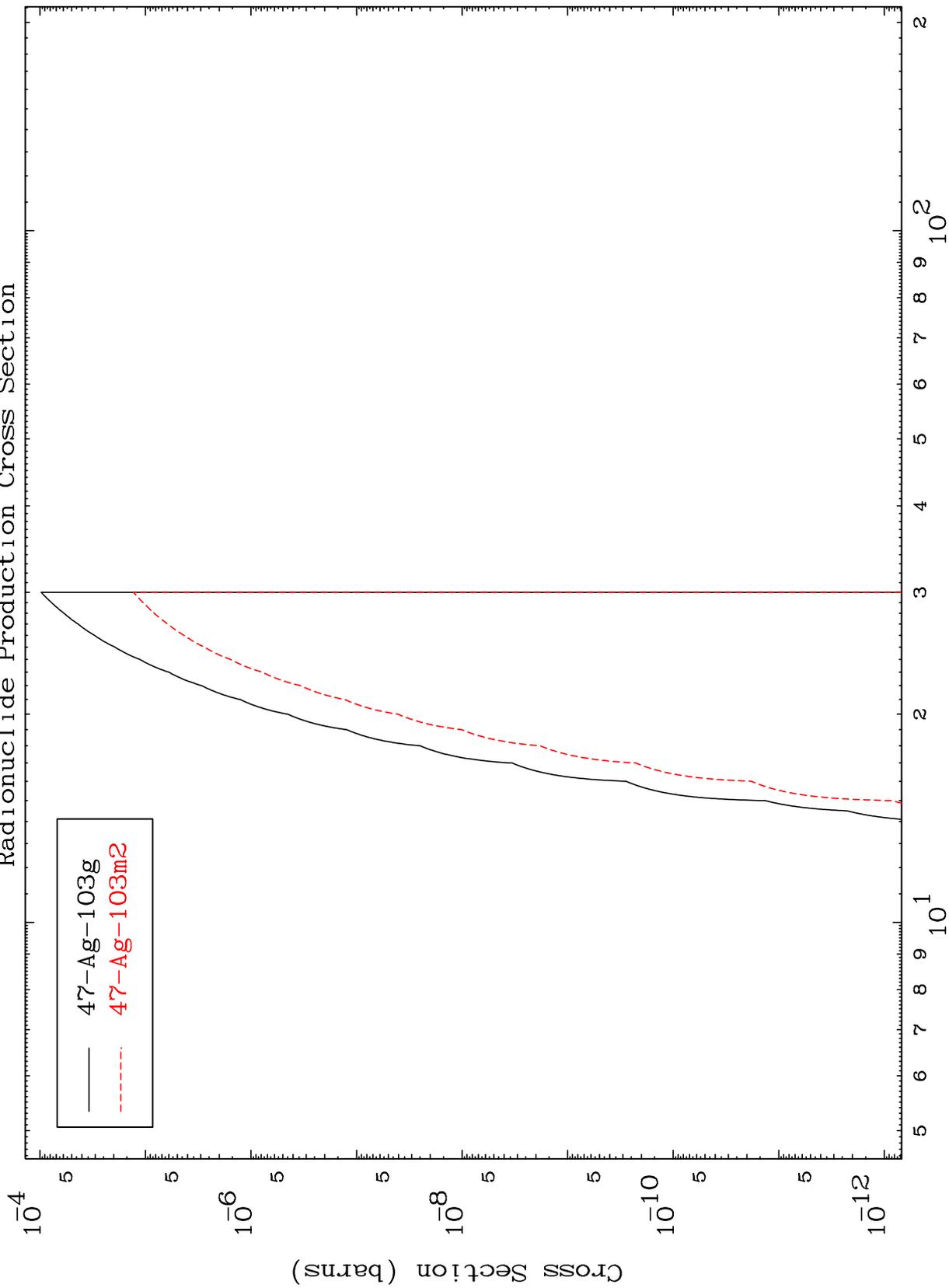


MAT 5013

(n,d) α

50-Sn-108

Radionuclide Production Cross Section



88

Incident Energy (MeV)

50-Sn-108