

Program EVALPLOT
(Version 2017-1)

by

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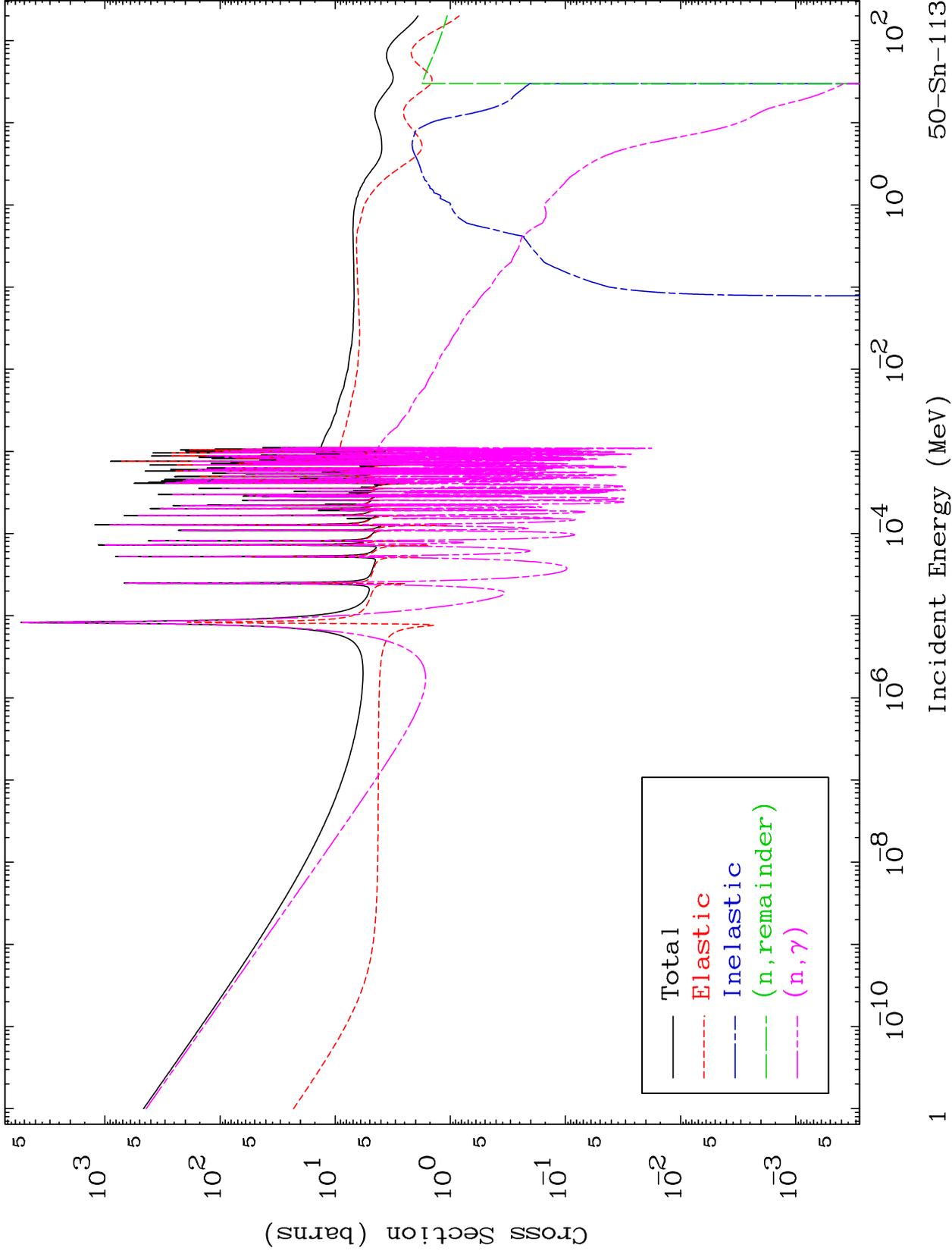
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MAT 5028

Major

293 Kelvin Cross Sections

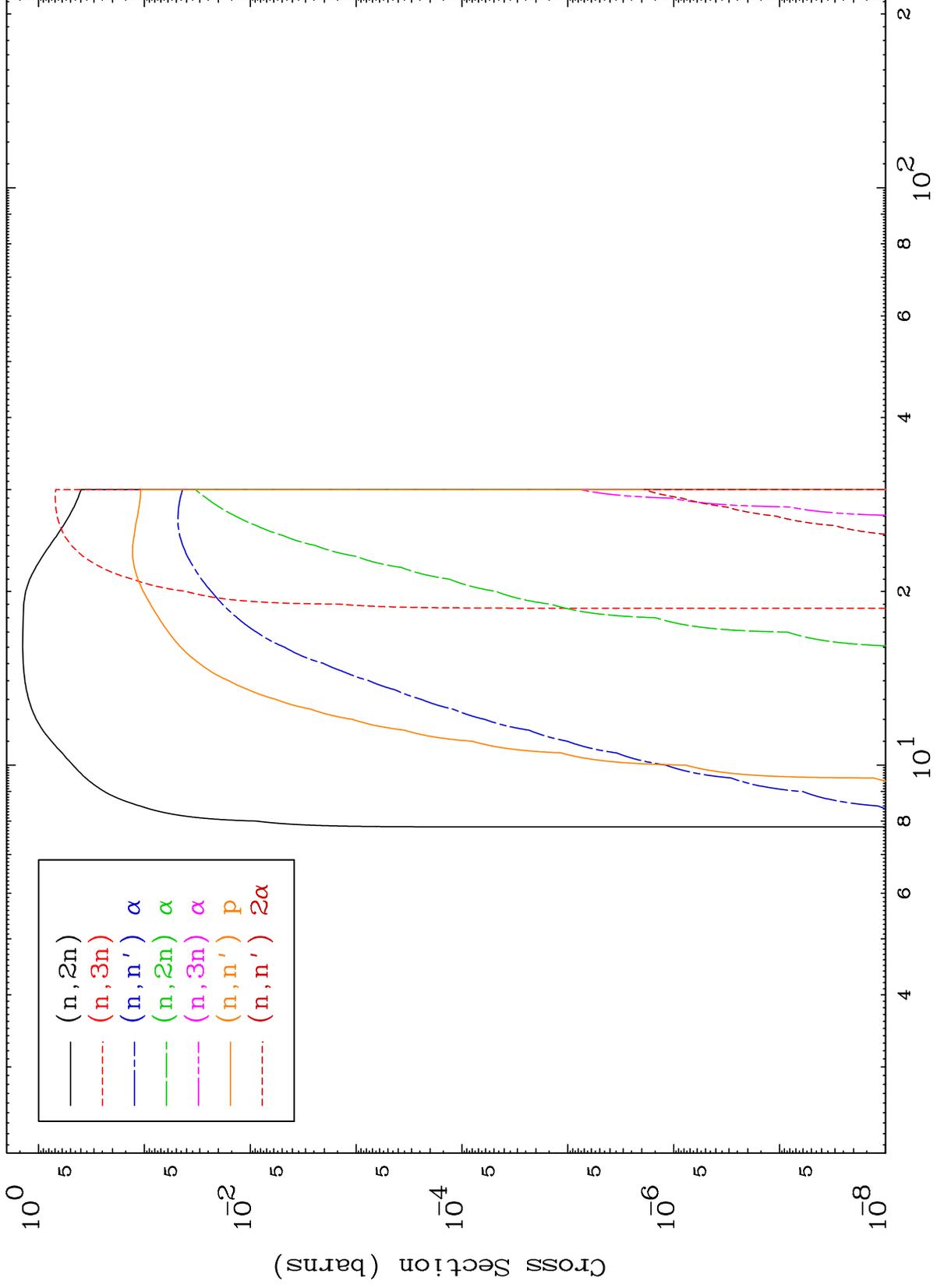
50-Sn-113



MAT 5028

Neutron Production
293 Kelvin Cross Sections

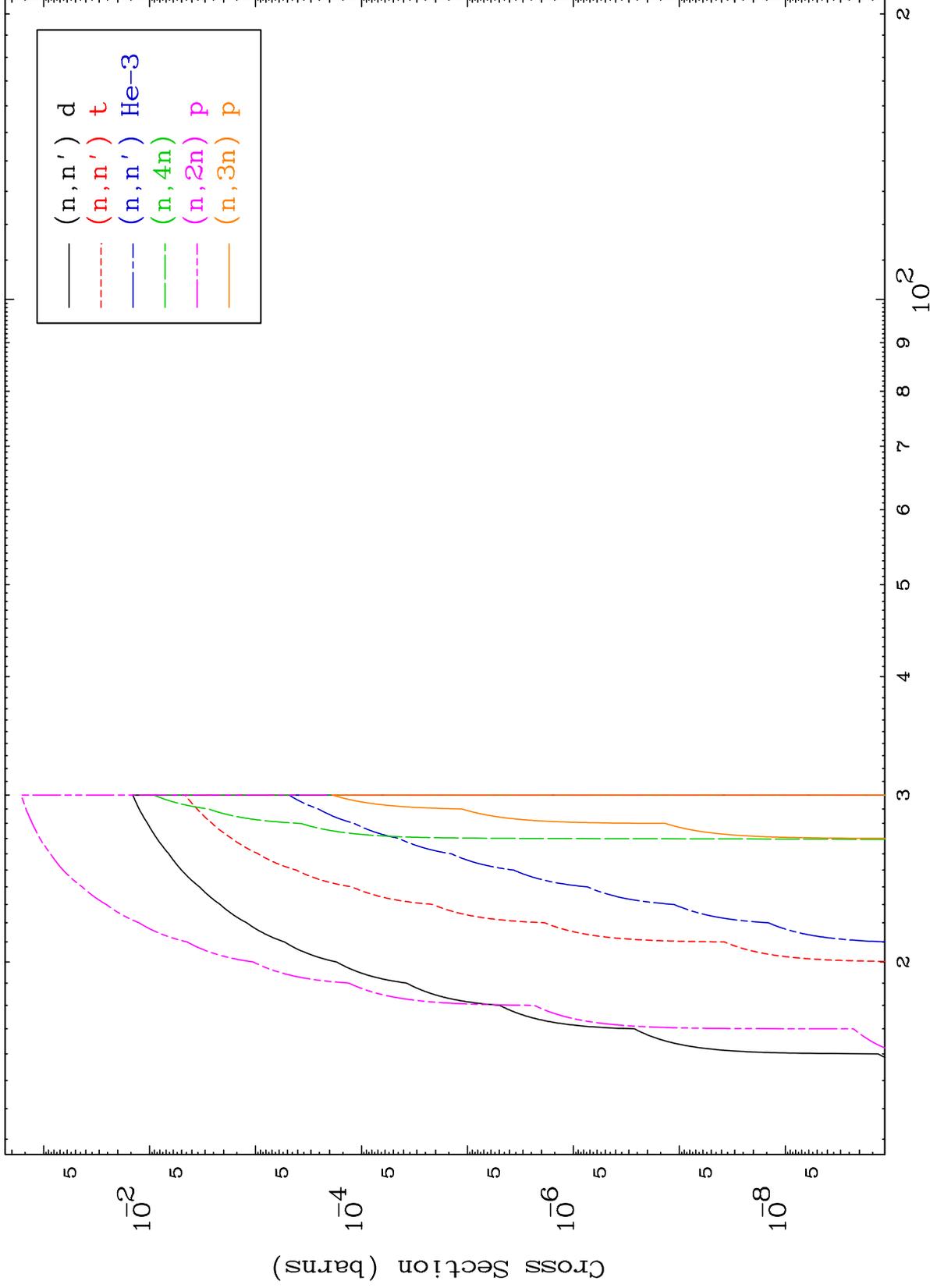
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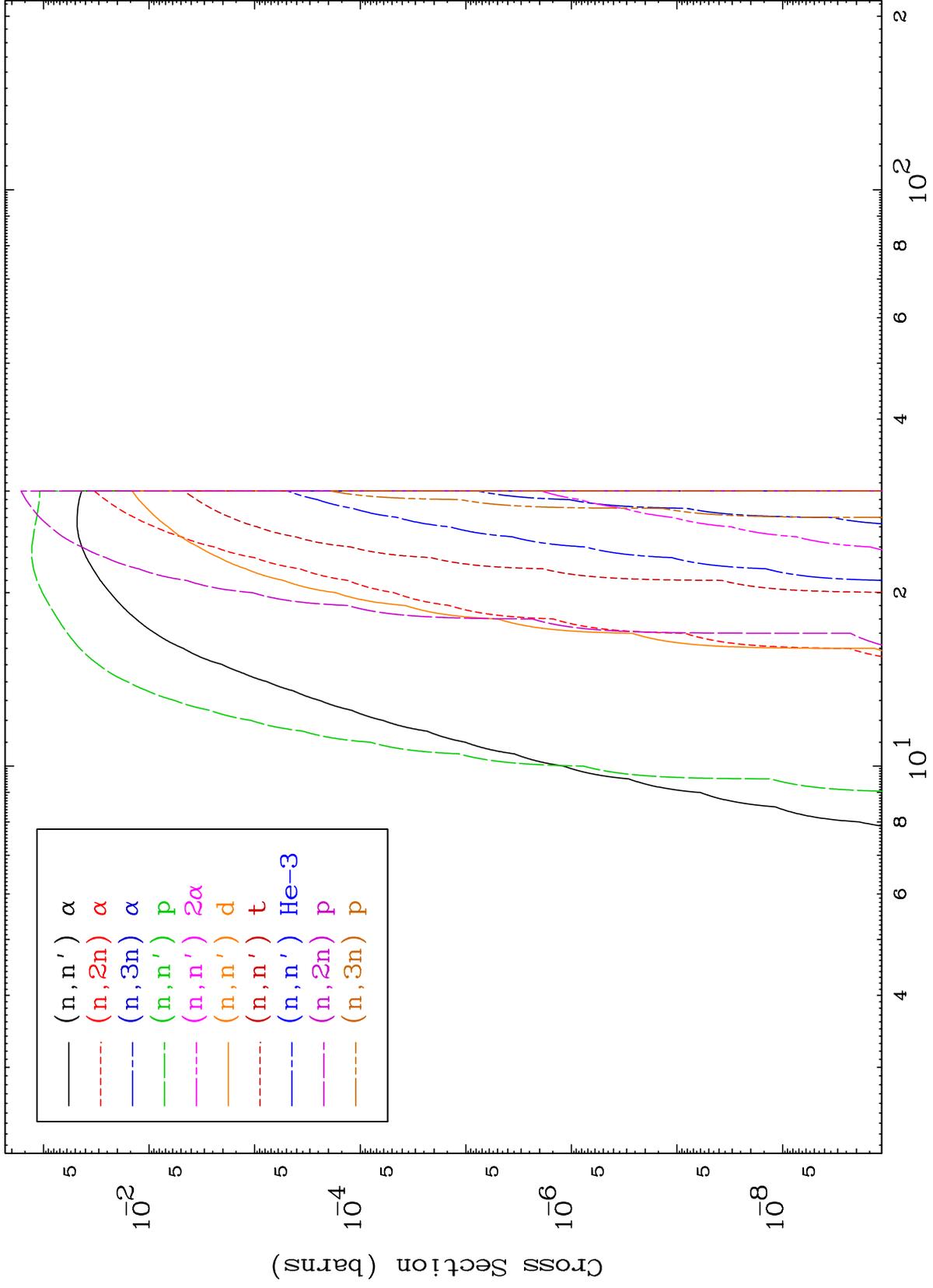


2

Incident Energy (MeV)

50-Sn-113

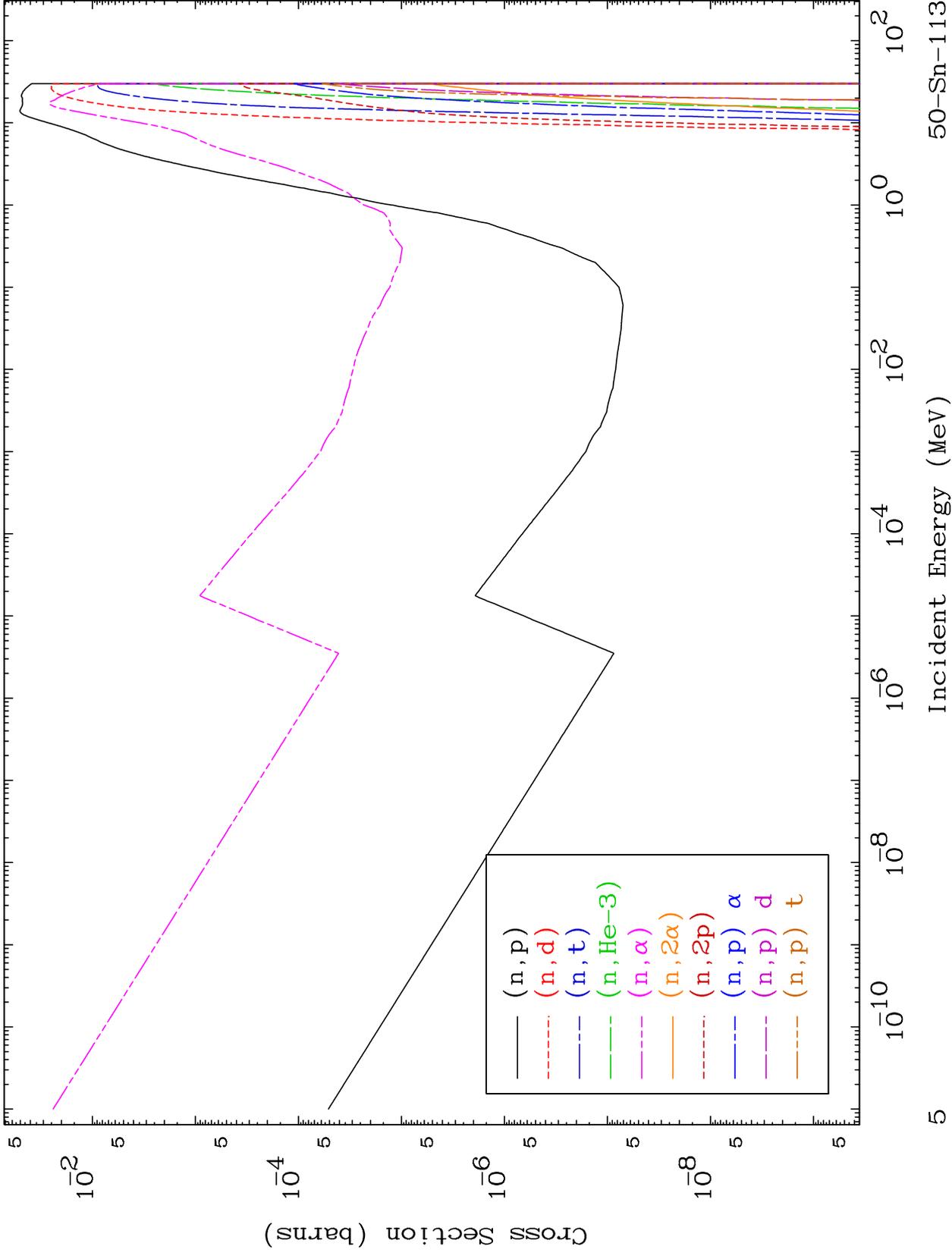




MAT 5028

Charged Particle
293 Kelvin Cross Sections

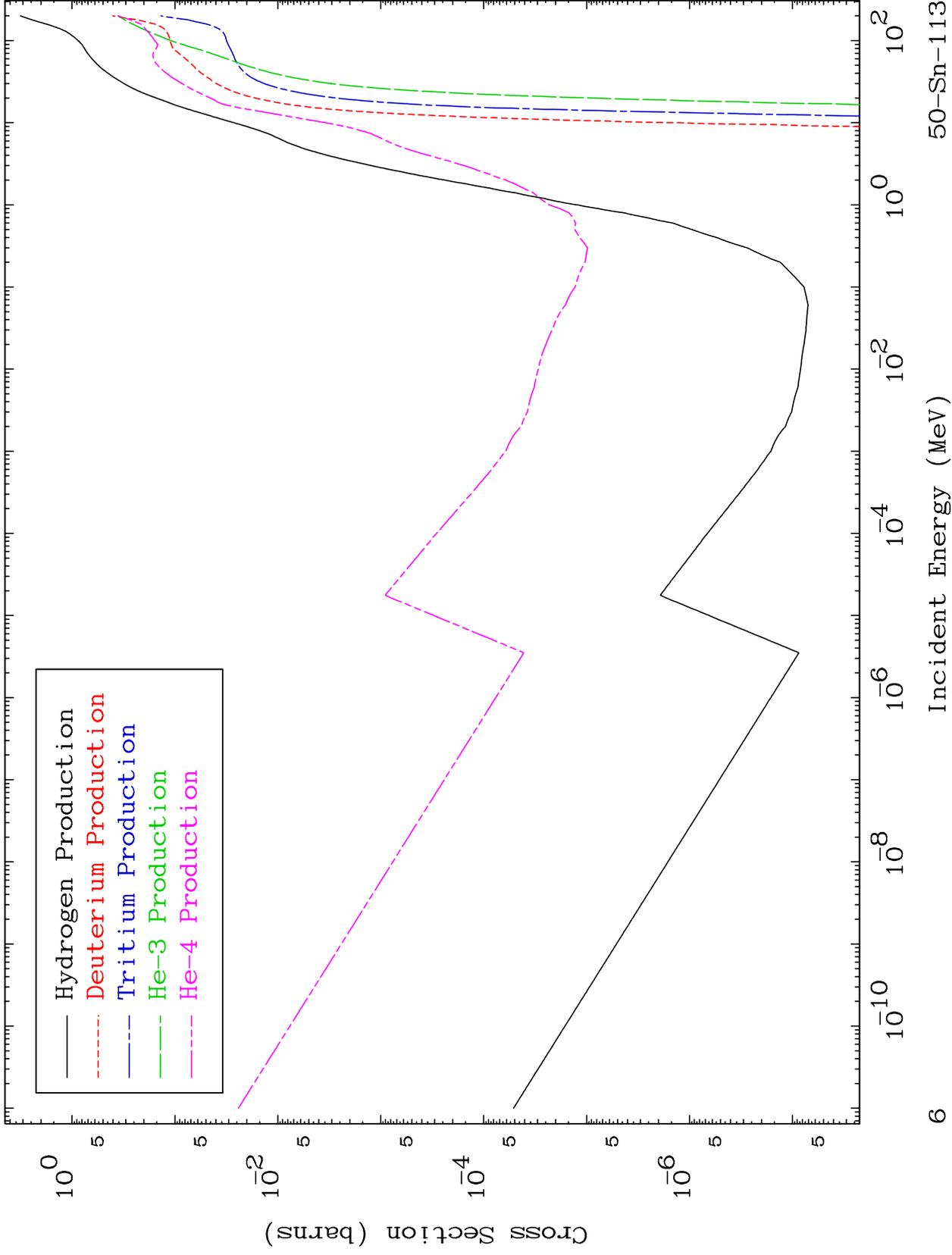
50-Sn-113



MAT 5028

Particle Production
293 Kelvin Cross Sections

50-Sn-113

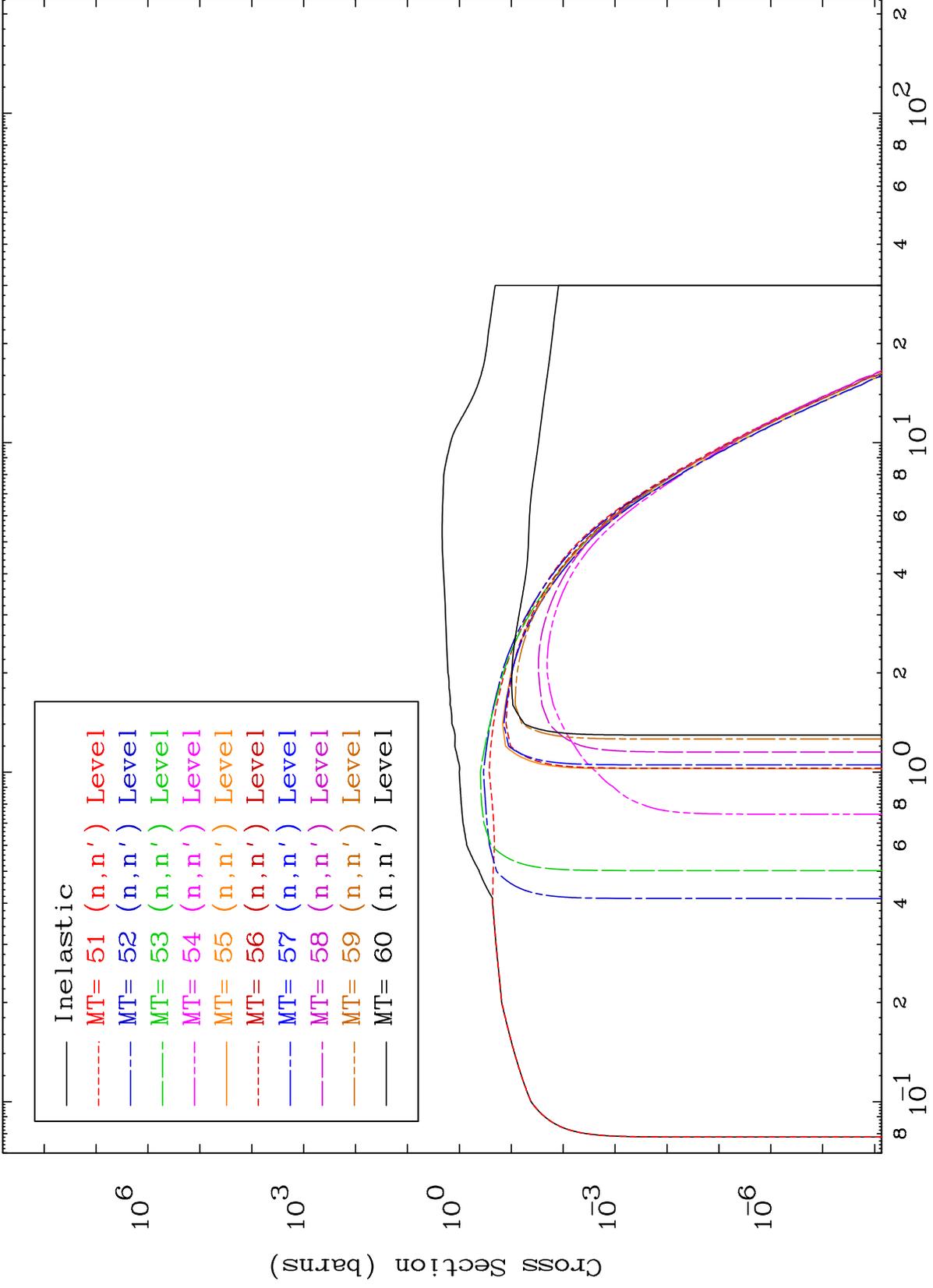


MAT 5028

(n,n') Level

50-Sn-113

293 Kelvin Cross Sections



7

Incident Energy (MeV)

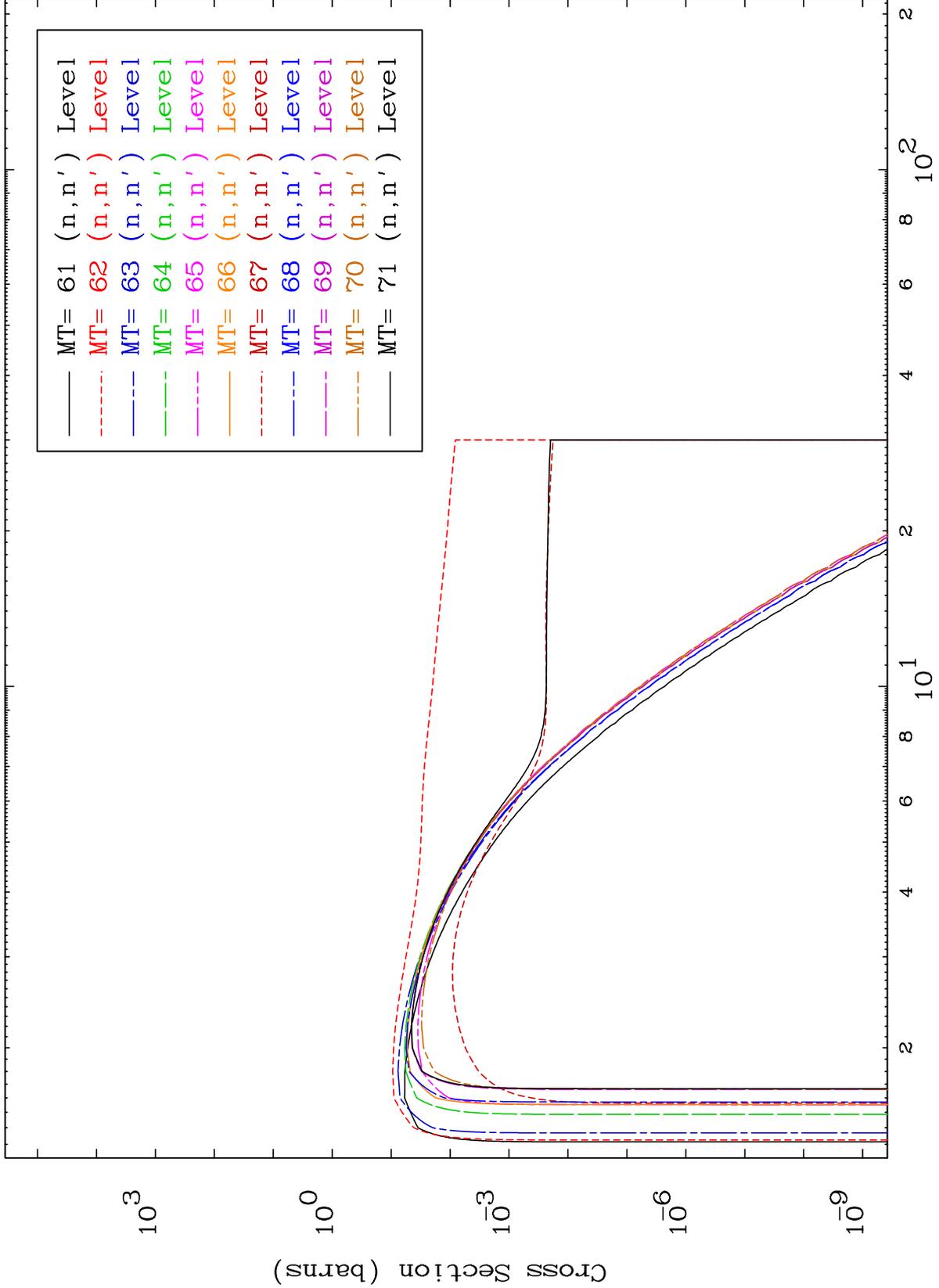
50-Sn-113

MAT 5028

(n,n') Level

50-Sn-113

293 Kelvin Cross Sections



8

Incident Energy (MeV)

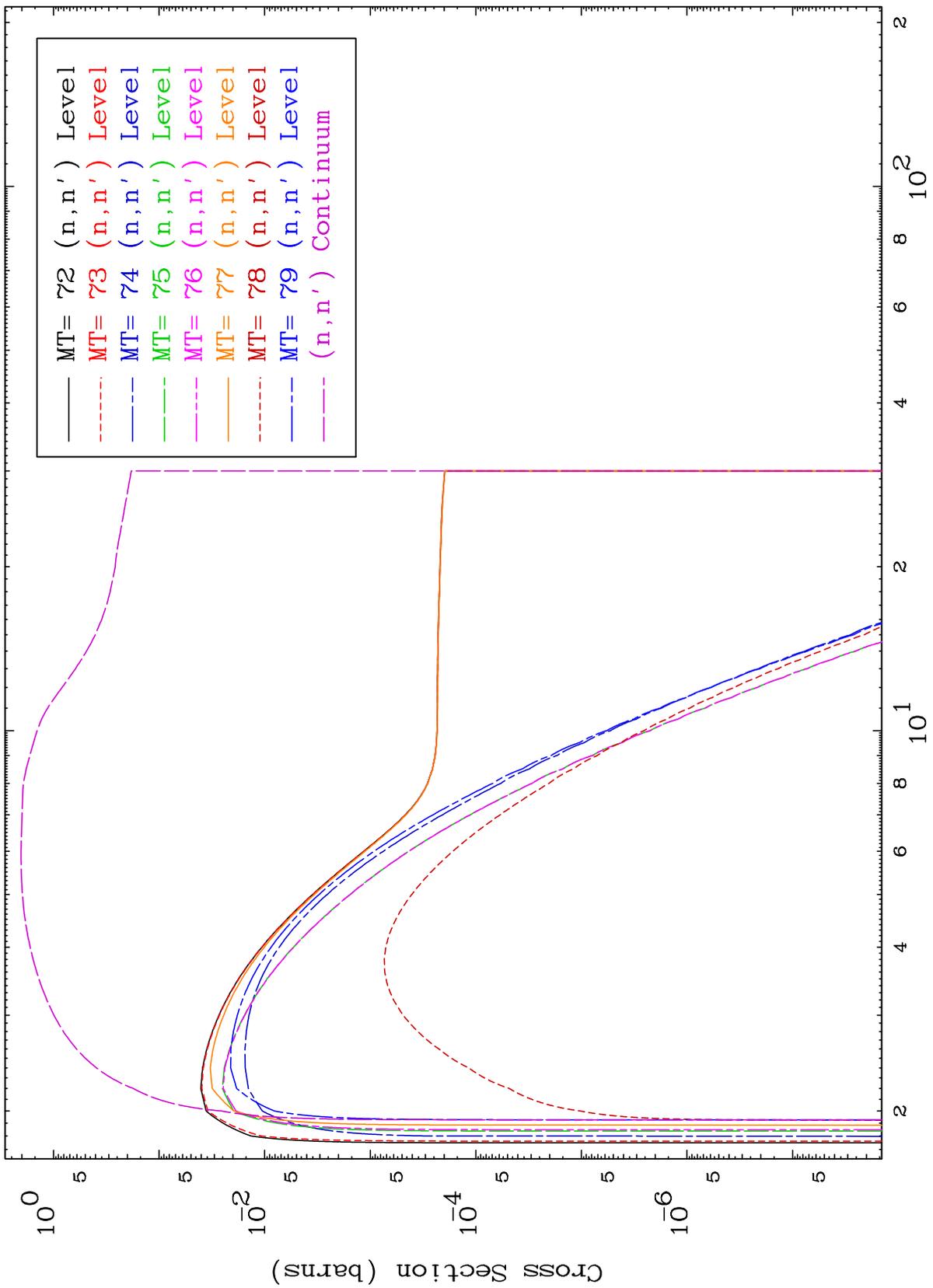
50-Sn-113

MAT 5028

(n,n') Level

50-Sn-113

293 Kelvin Cross Sections



9

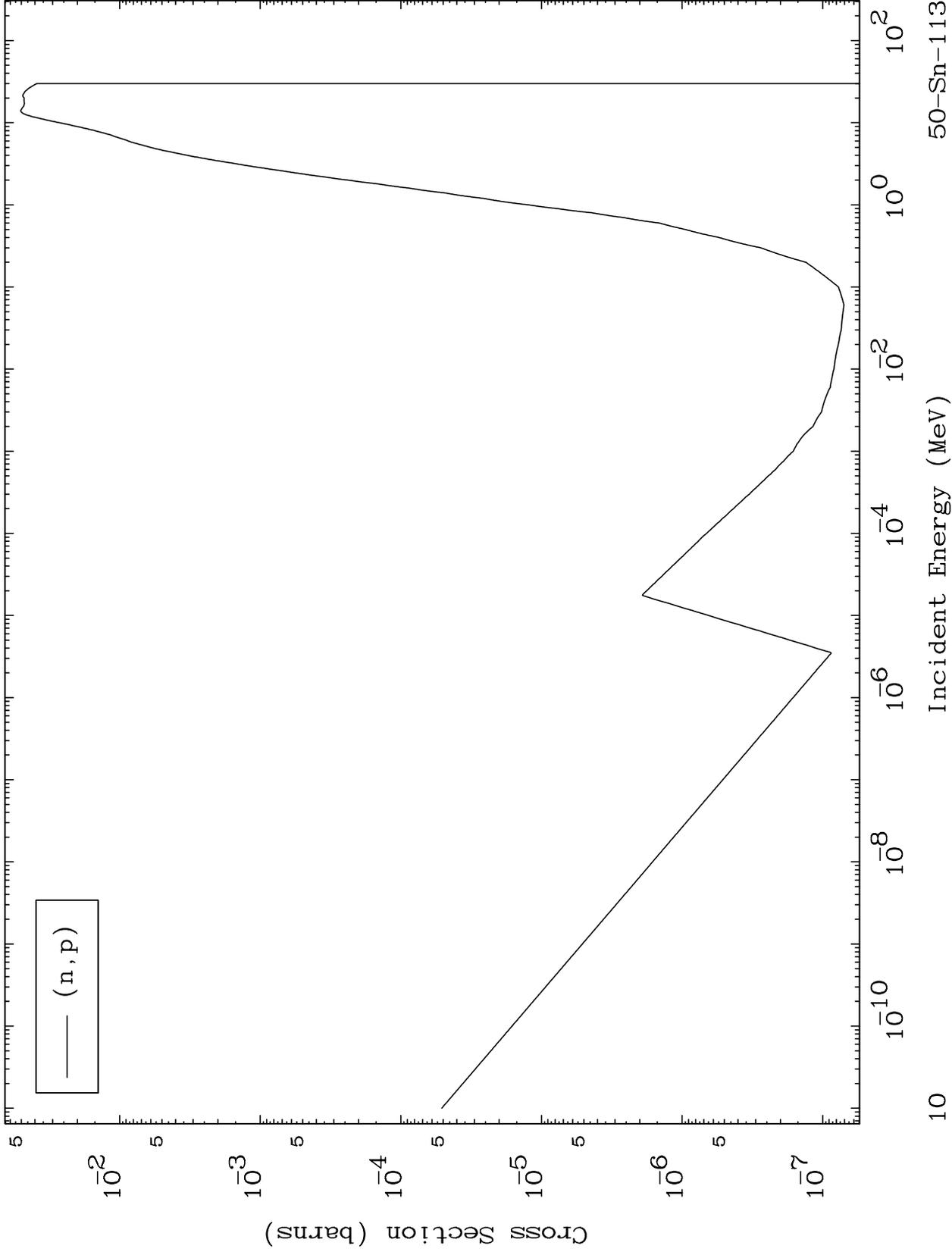
Incident Energy (MeV)

50-Sn-113

MAT 5028

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-113



10

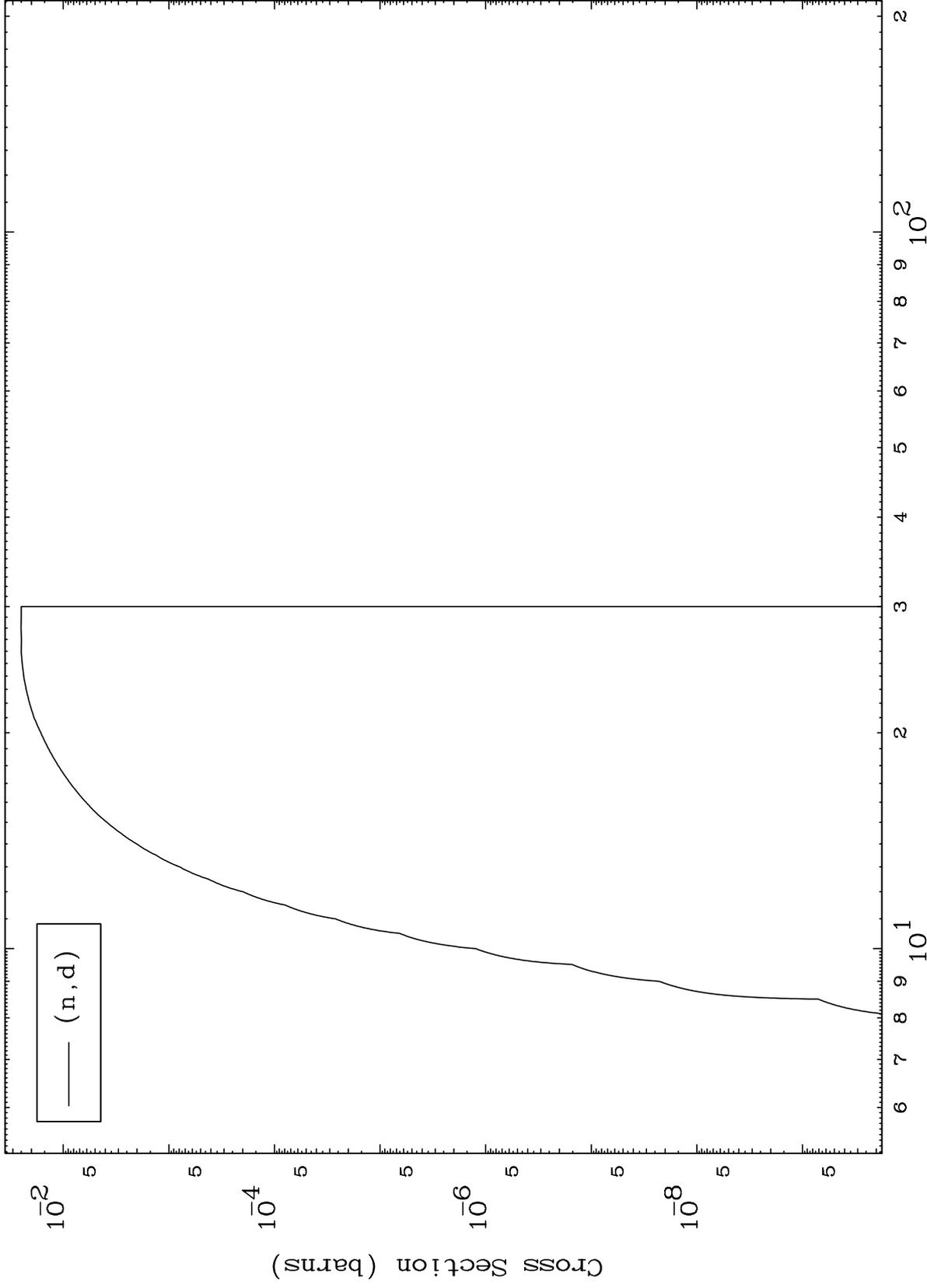
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50-Sn-113

MAT 5028

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-113



11

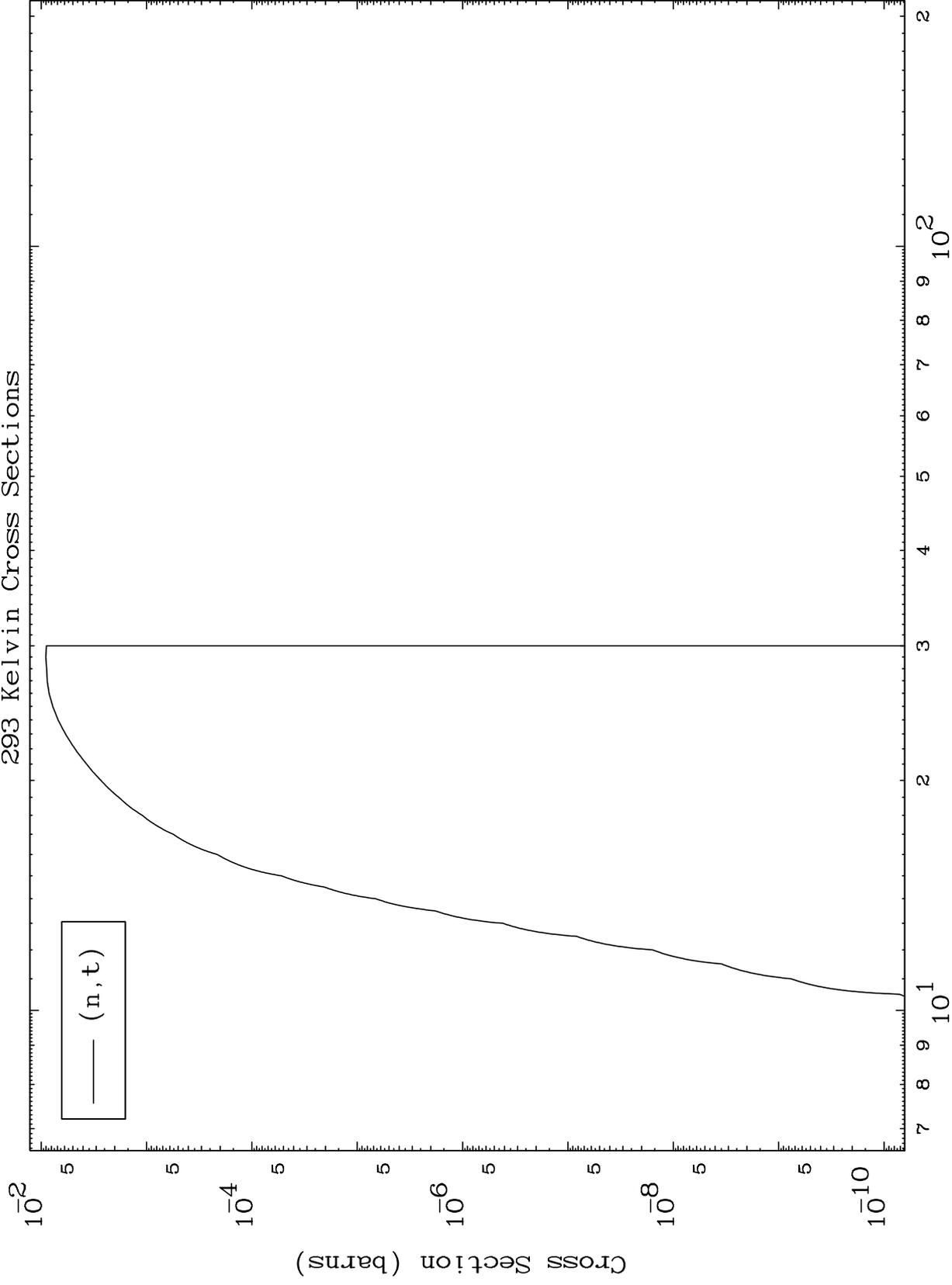
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50-Sn-113

MAT 5028

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-113



12

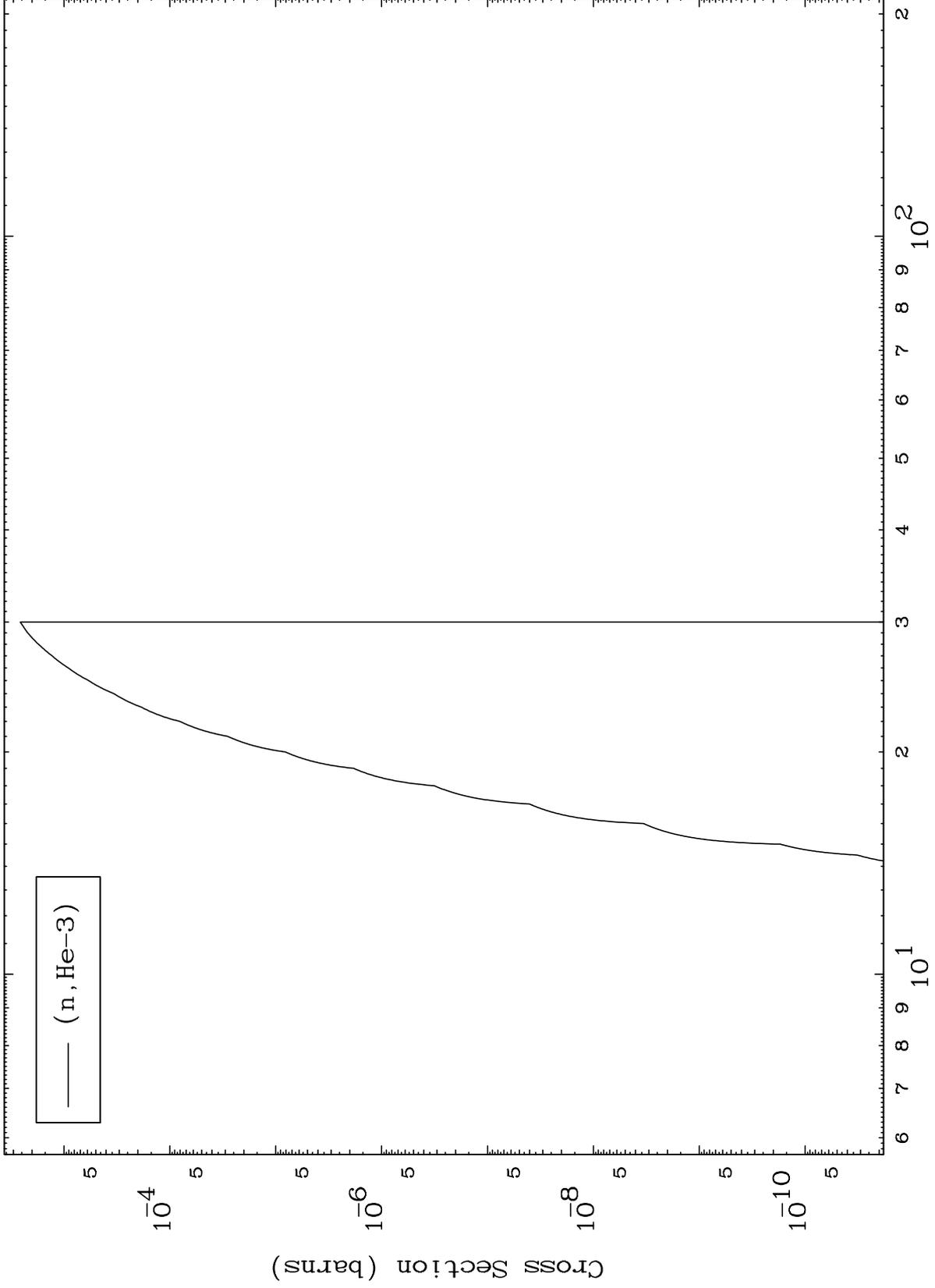
Incident Energy (MeV)

50-Sn-113

MAT 5028

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-113



13

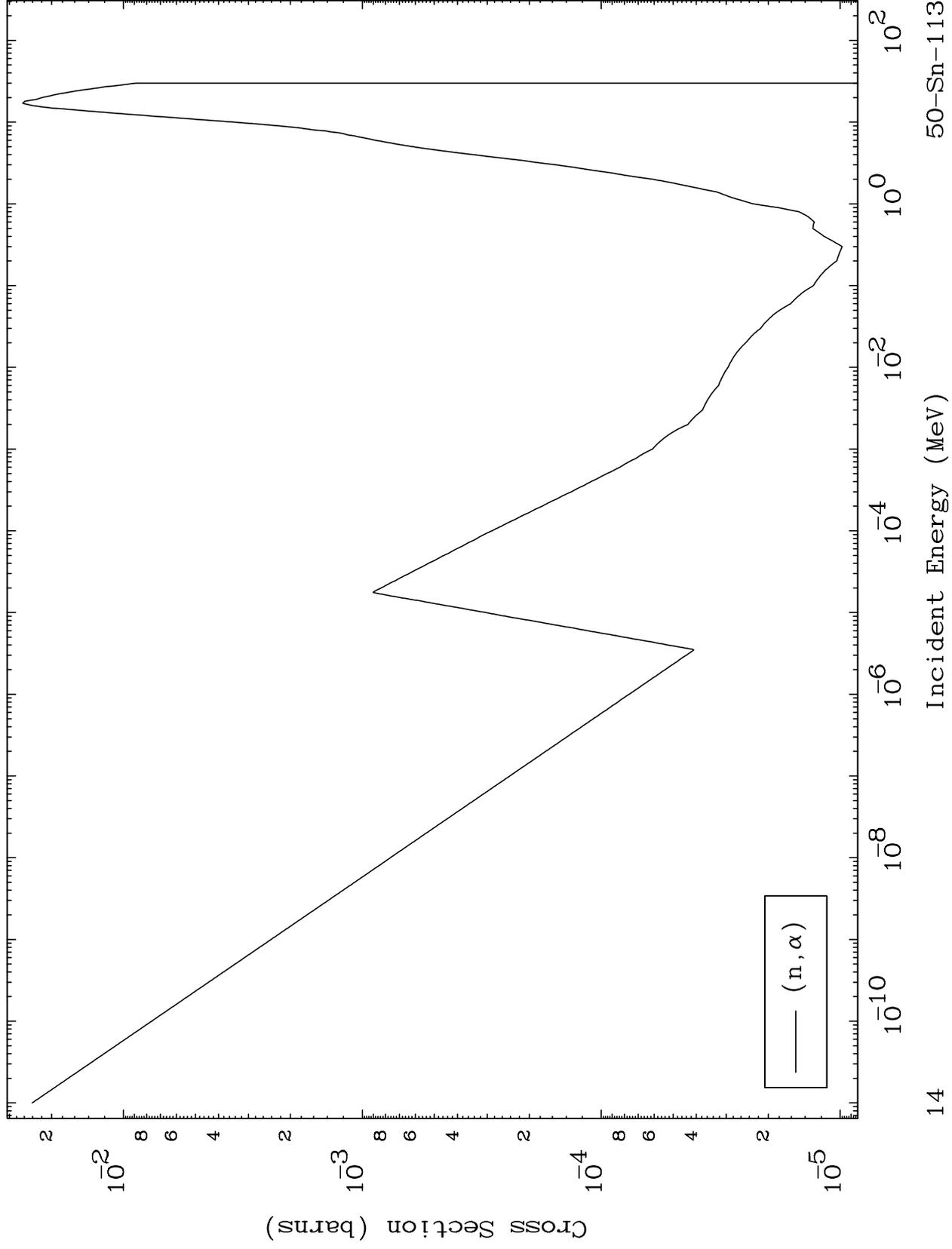
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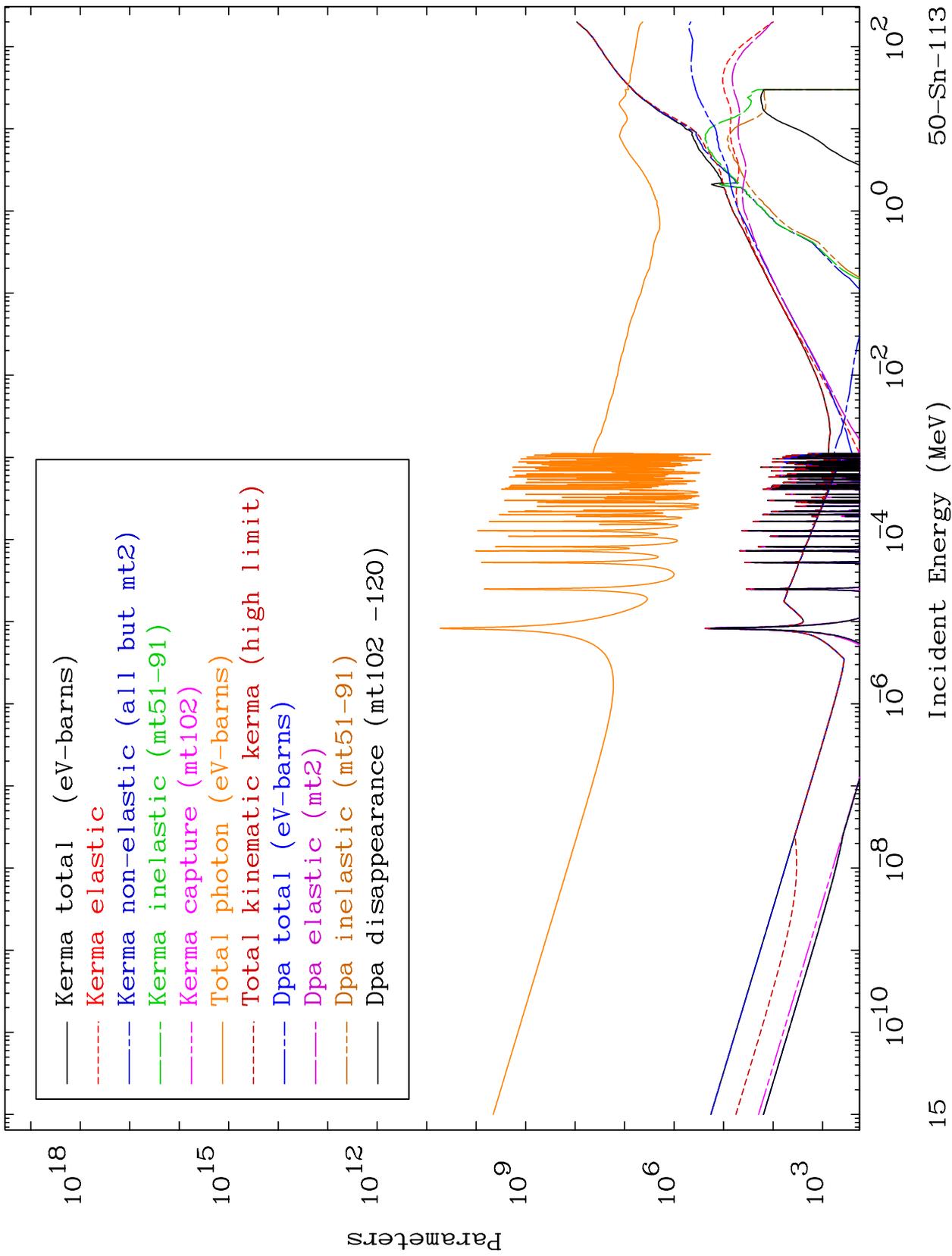
MAT 5028

(n, α) Levels
293 Kelvin Cross Sections

50-Sn-113



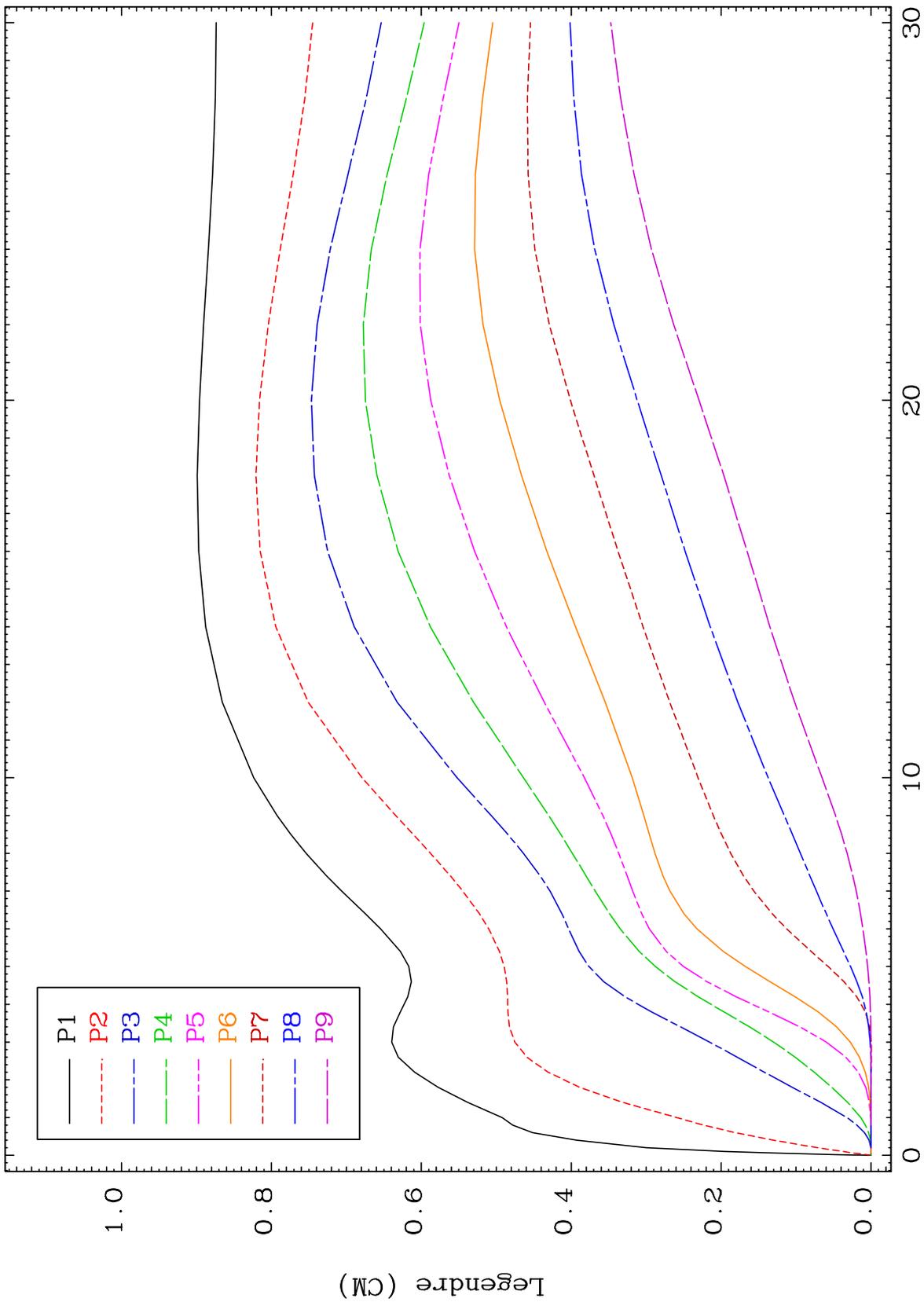
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MAT 5028

Elastic Legendre Coefficients

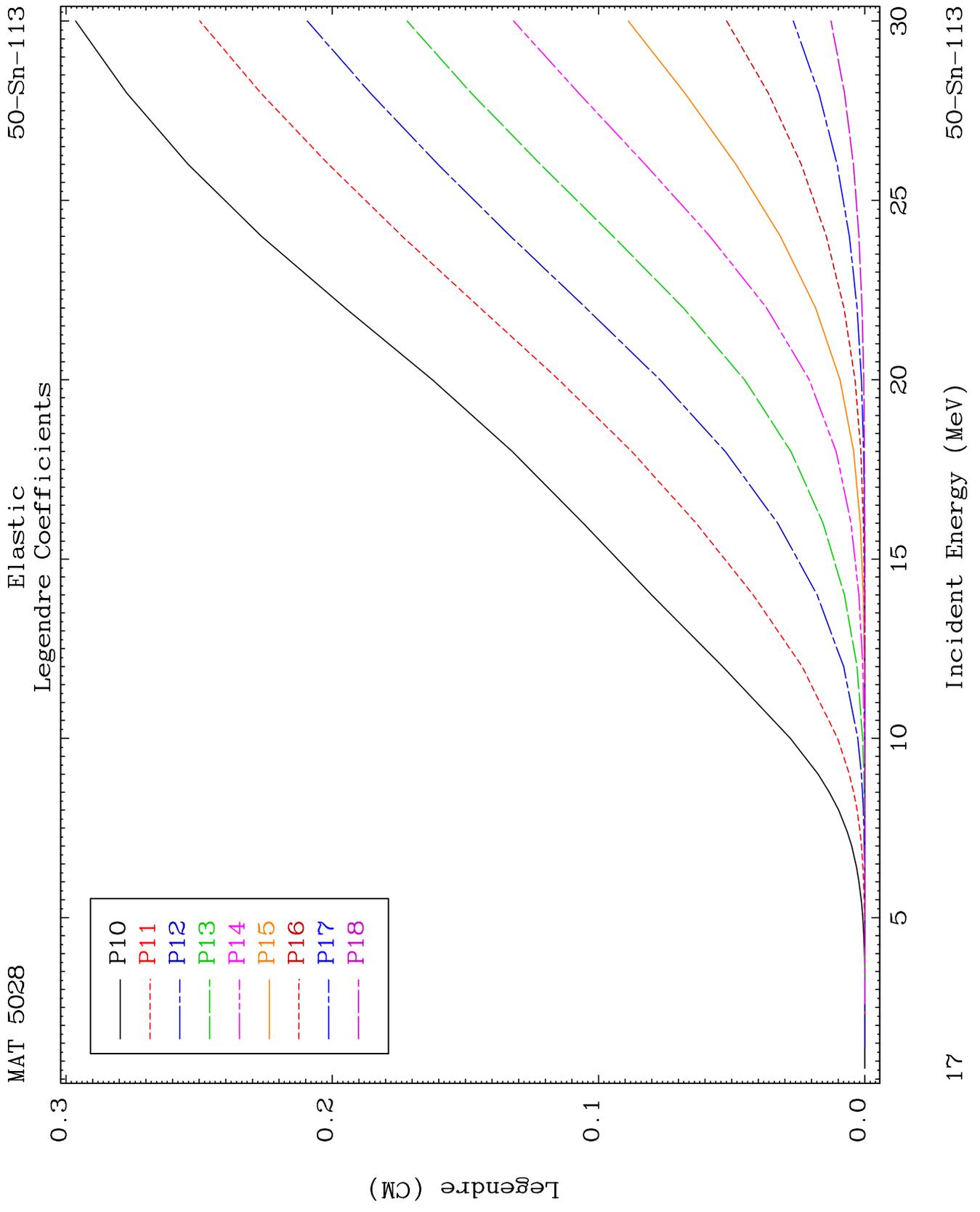
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16

Incident Energy (MeV)

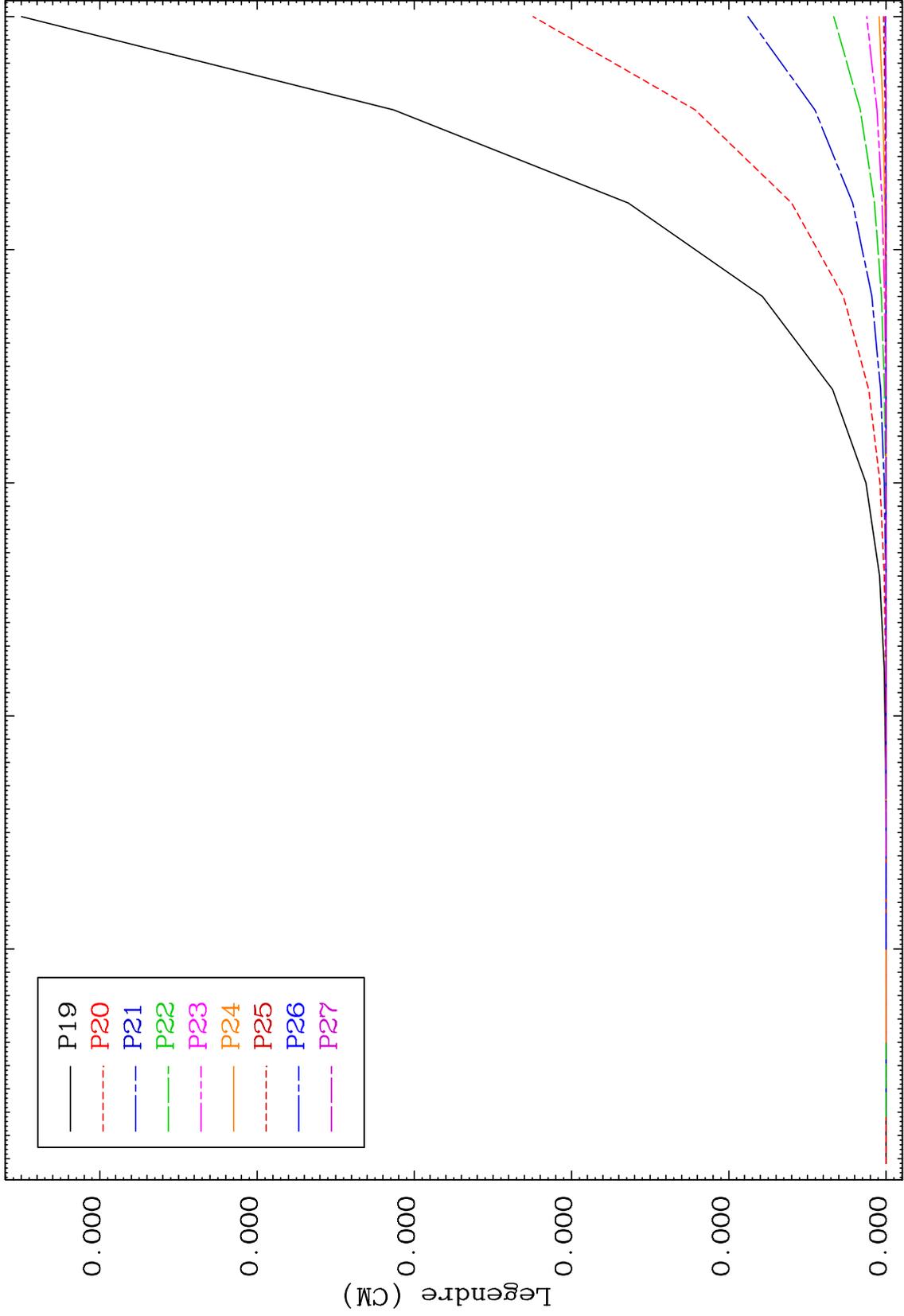
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MAT 5028

Elastic Legendre Coefficients

50-Sn-113



18

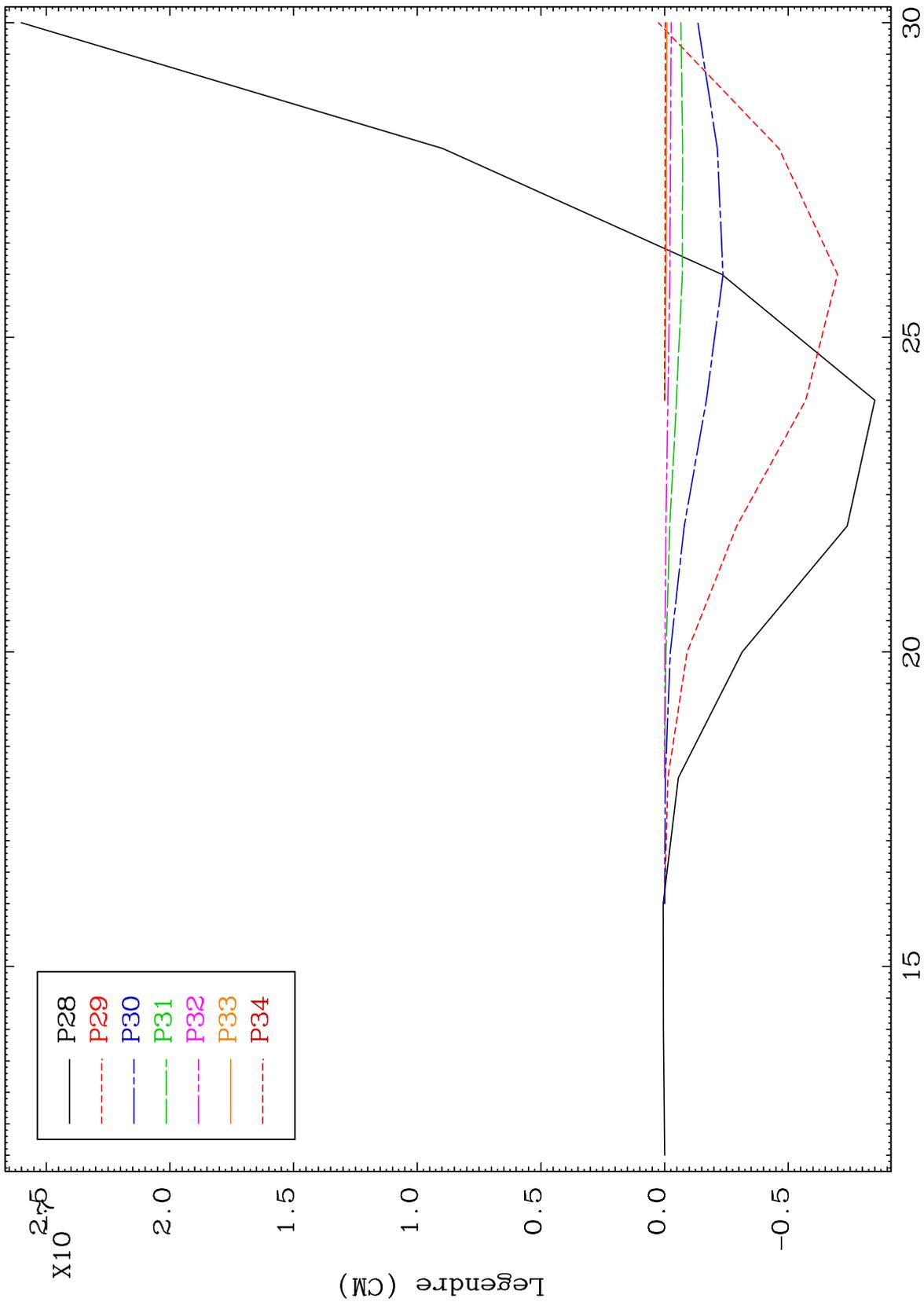
Incident Energy (MeV)

50-Sn-113

MAT 5028

Elastic Legendre Coefficients

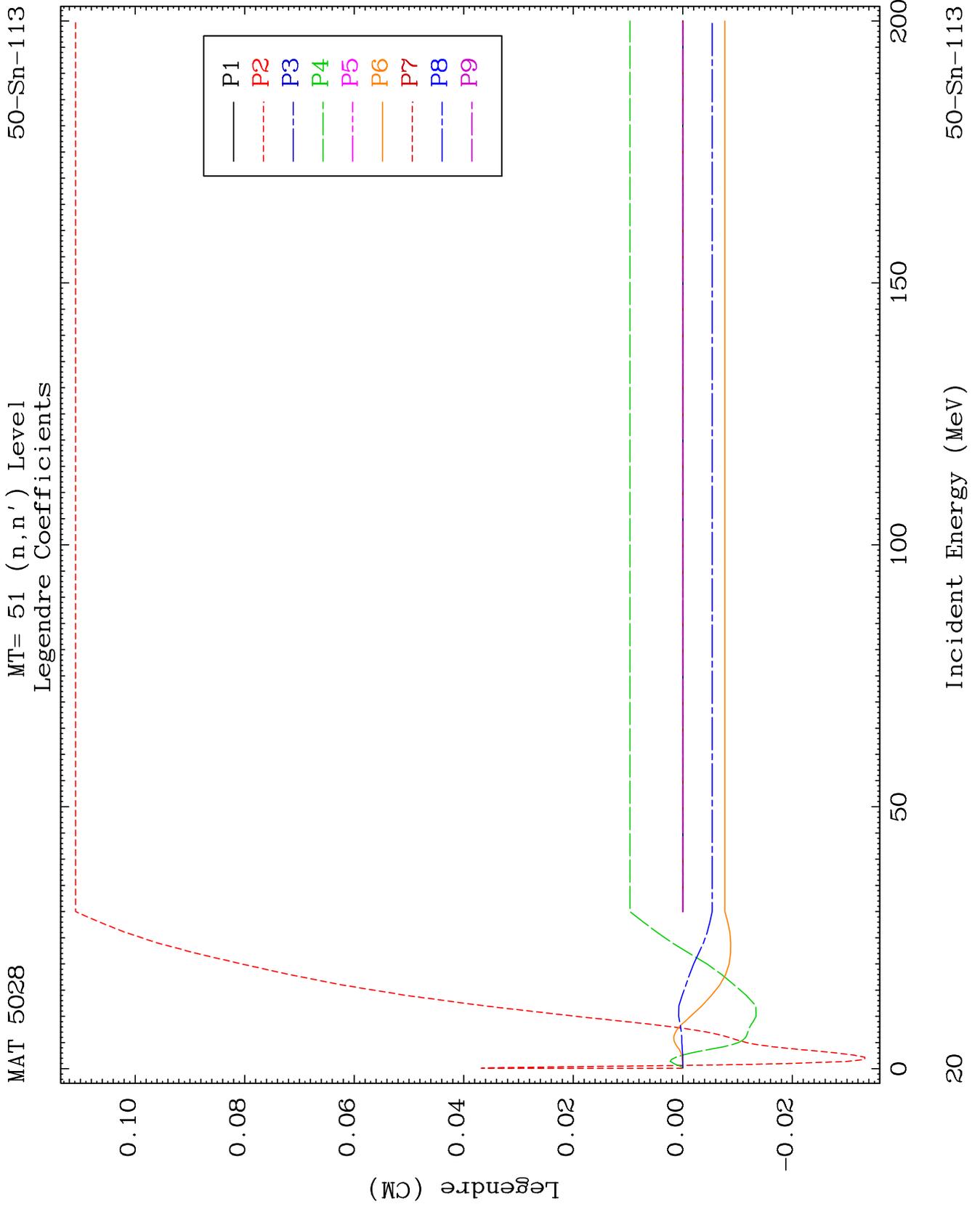
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19

Incident Energy (MeV)

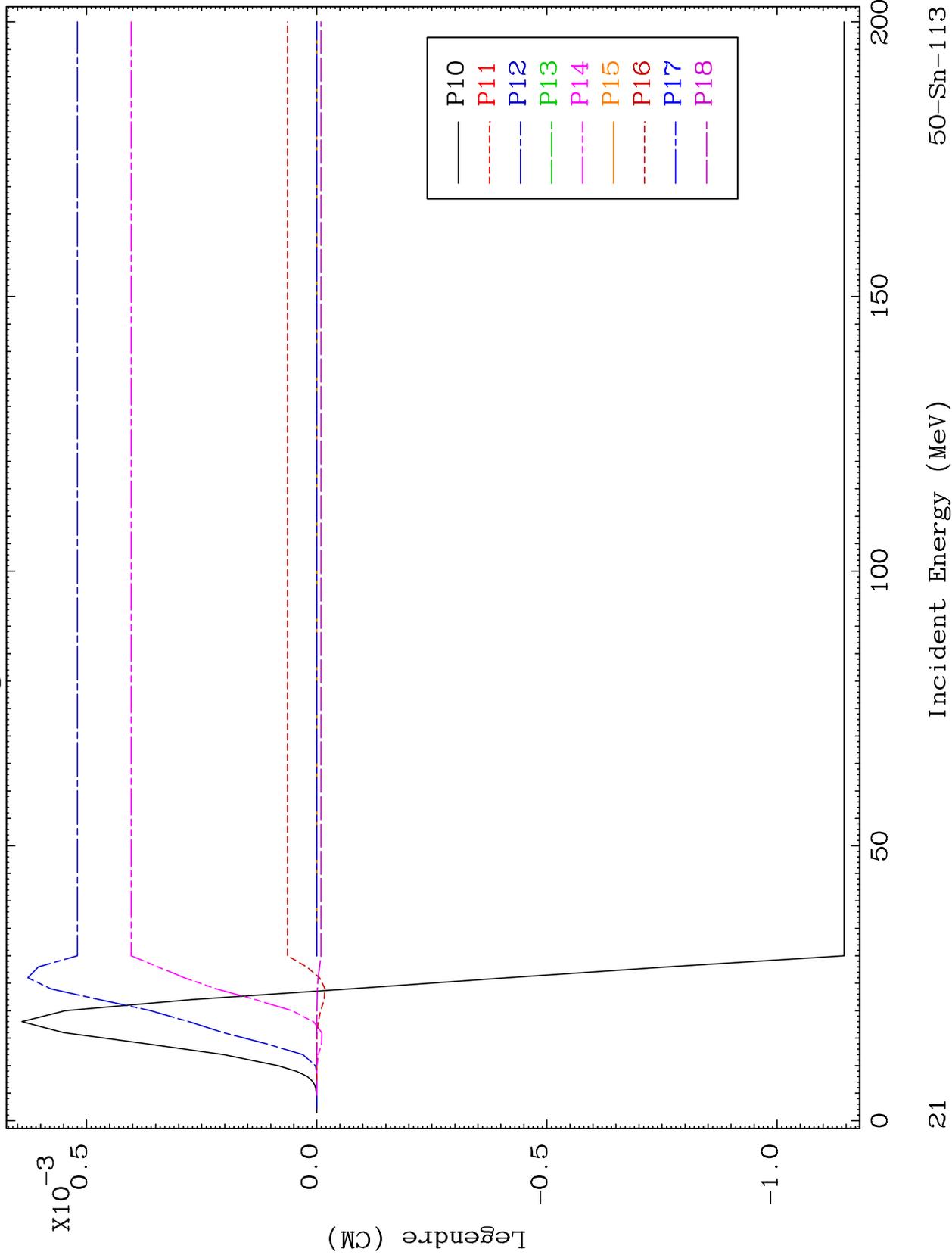
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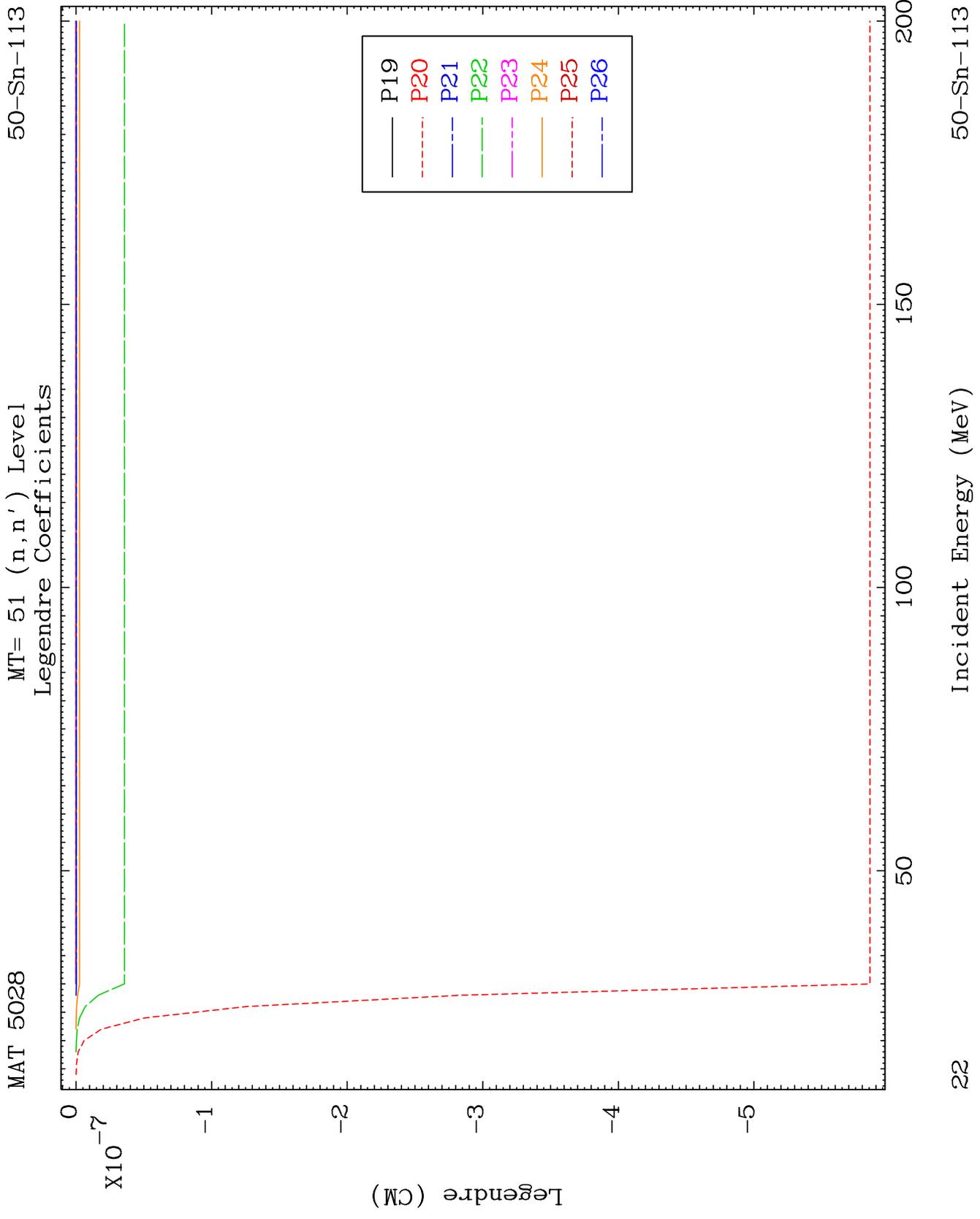
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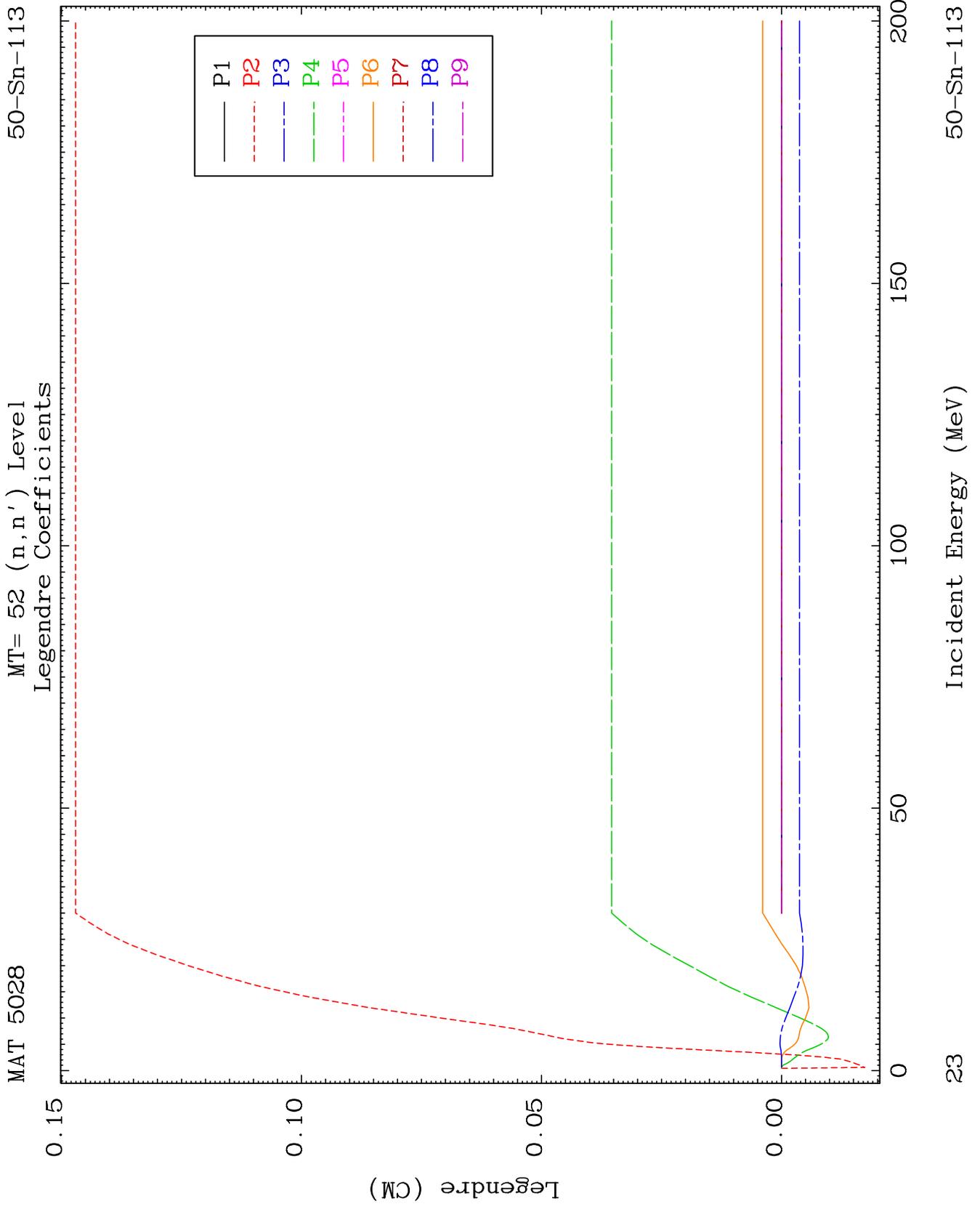
MT= 51 (n,n') Level
Legendre Coefficients

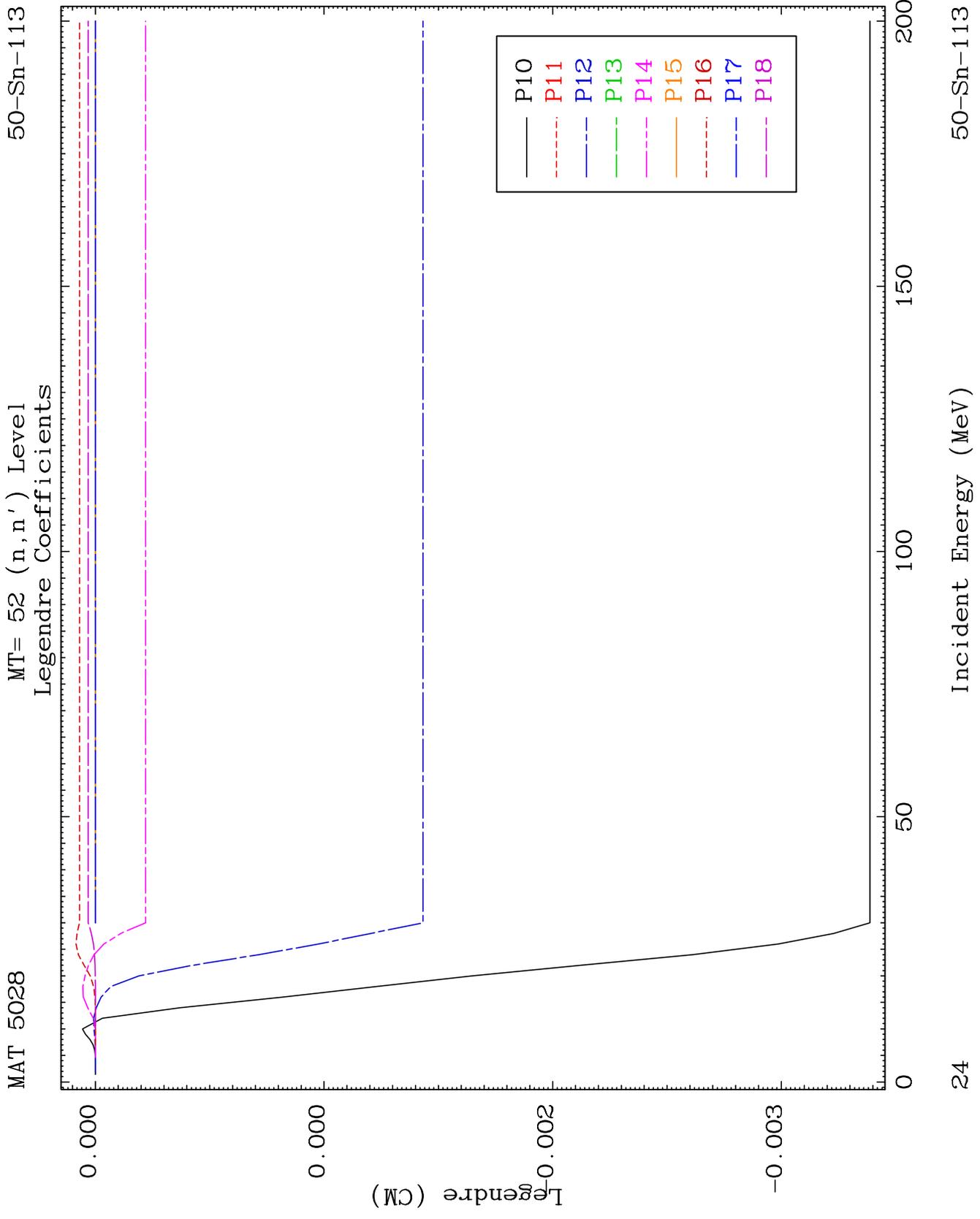


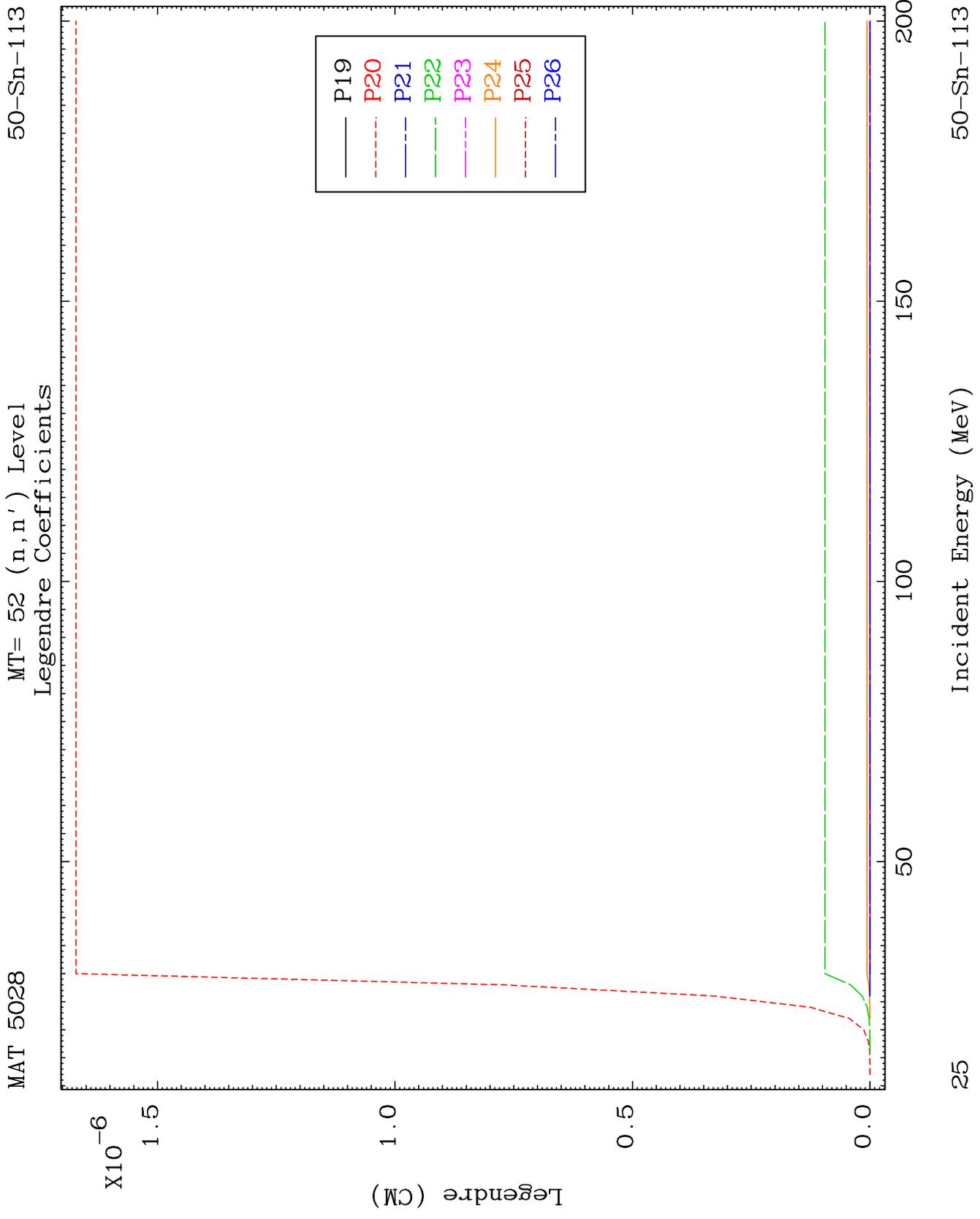
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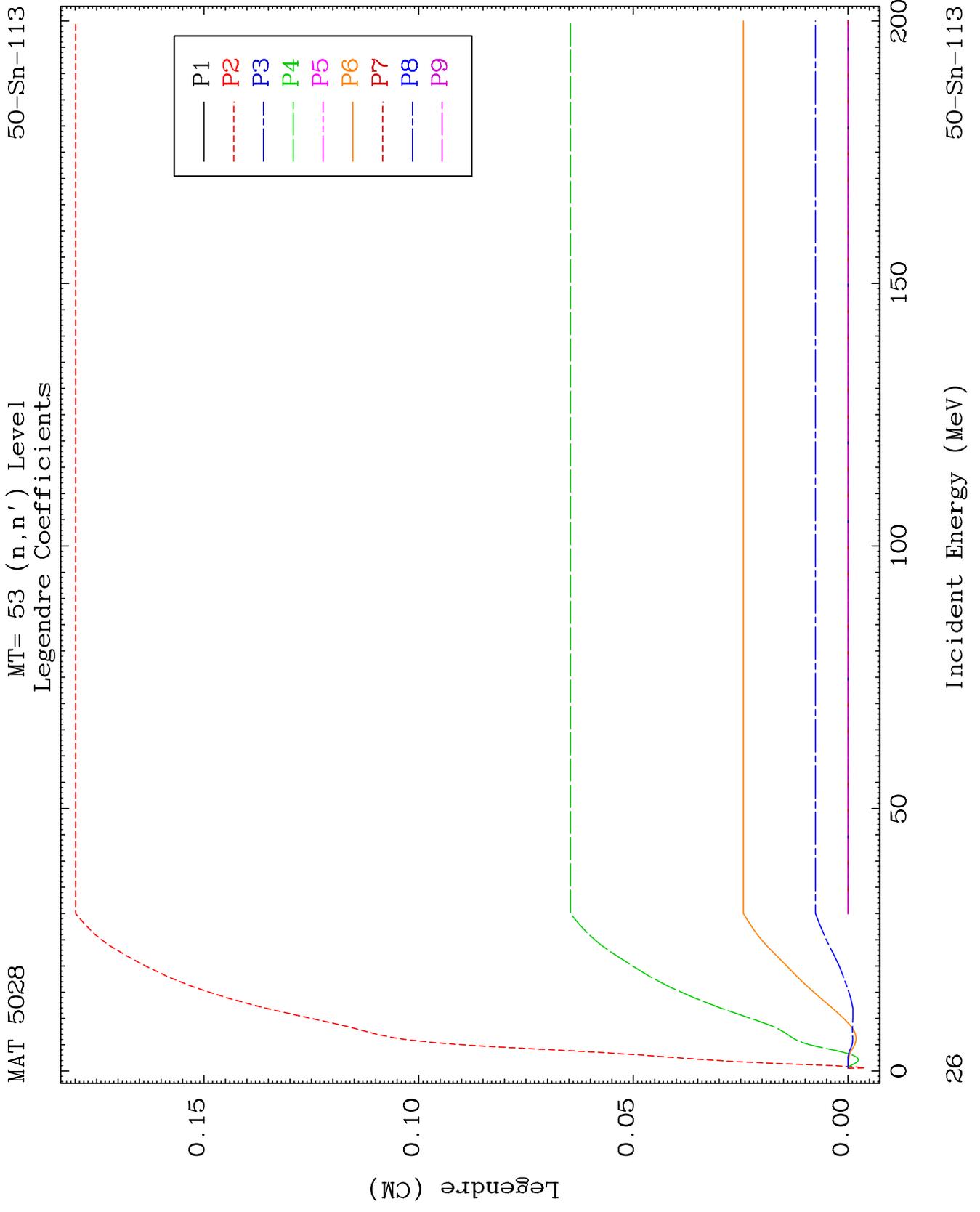
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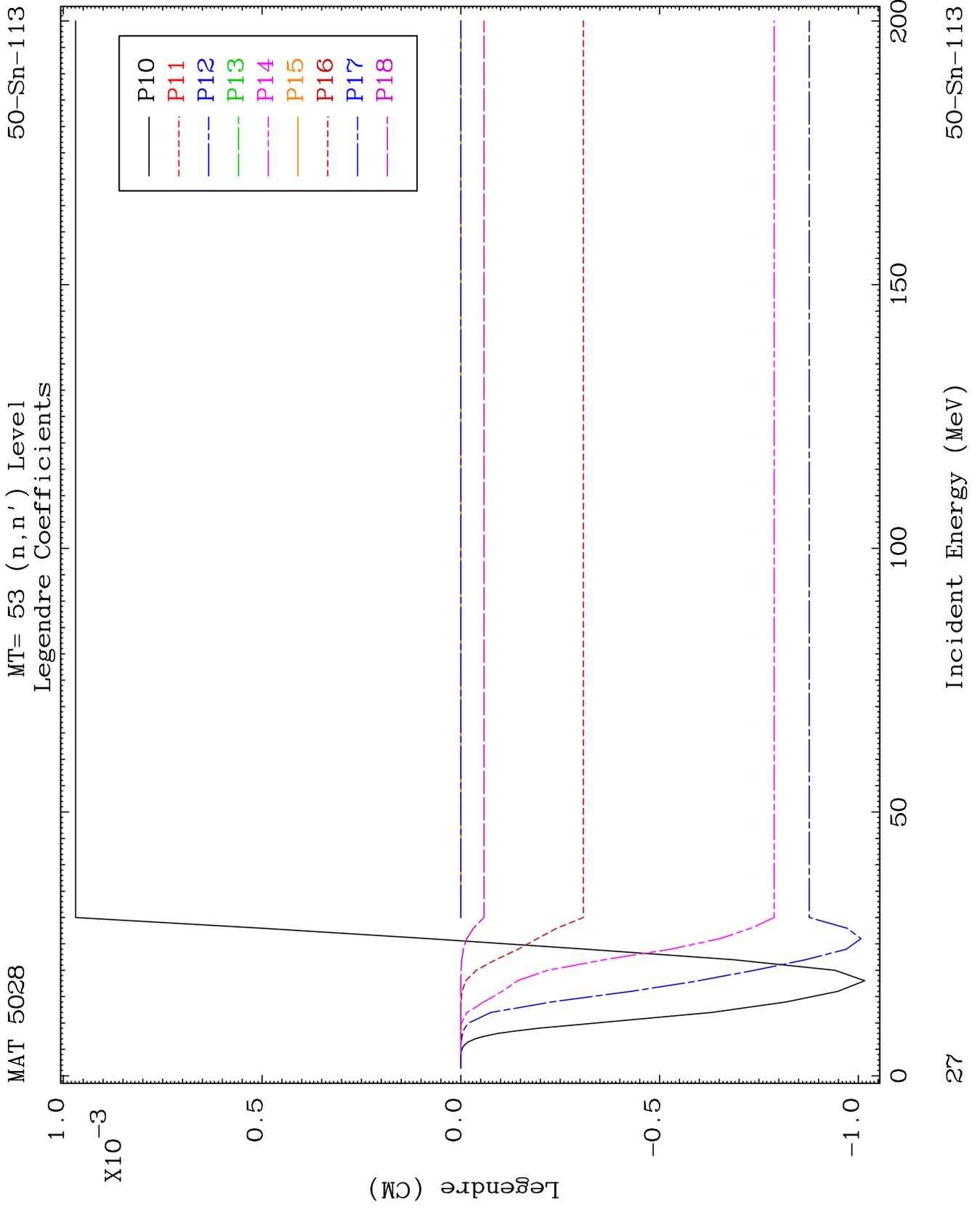


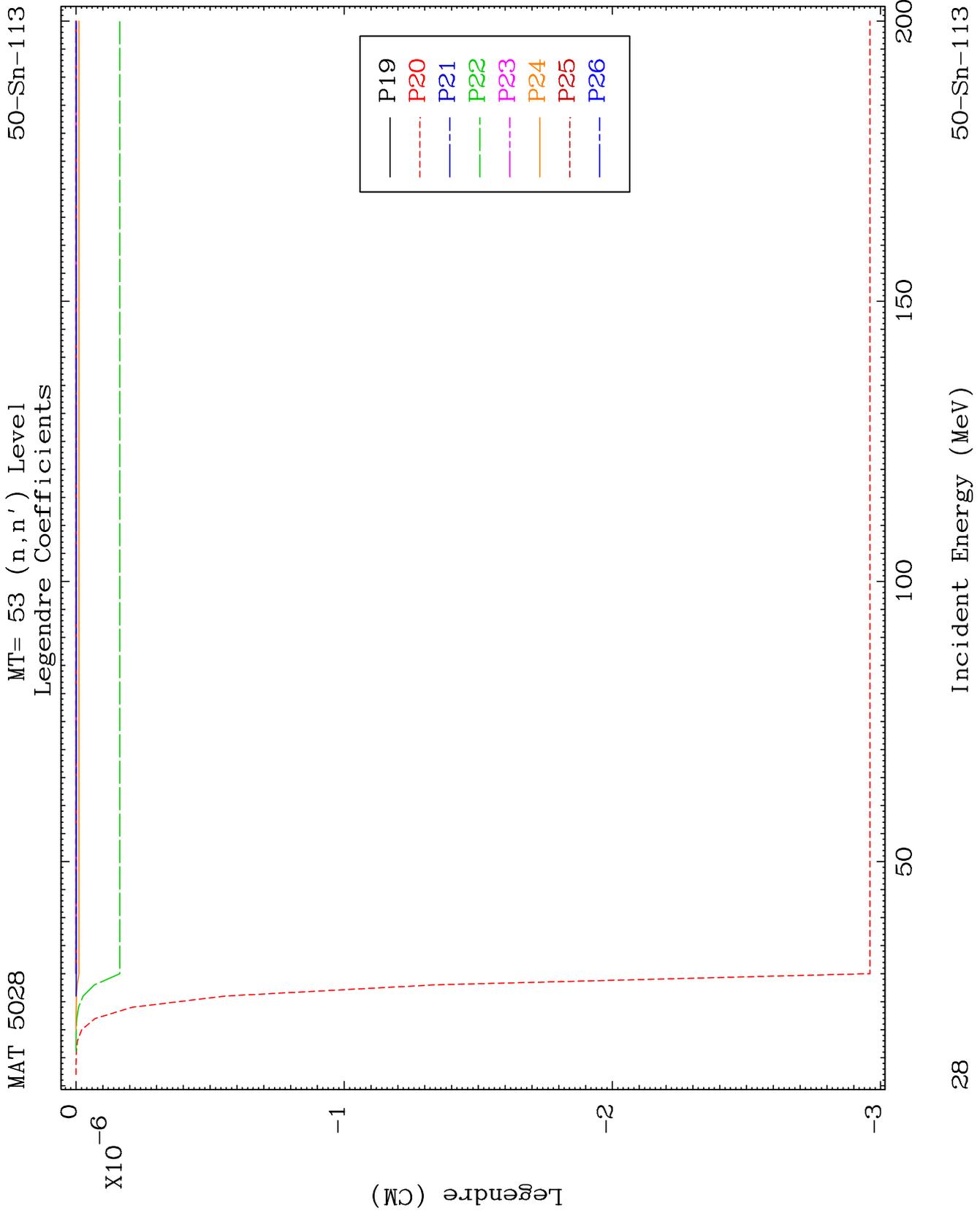








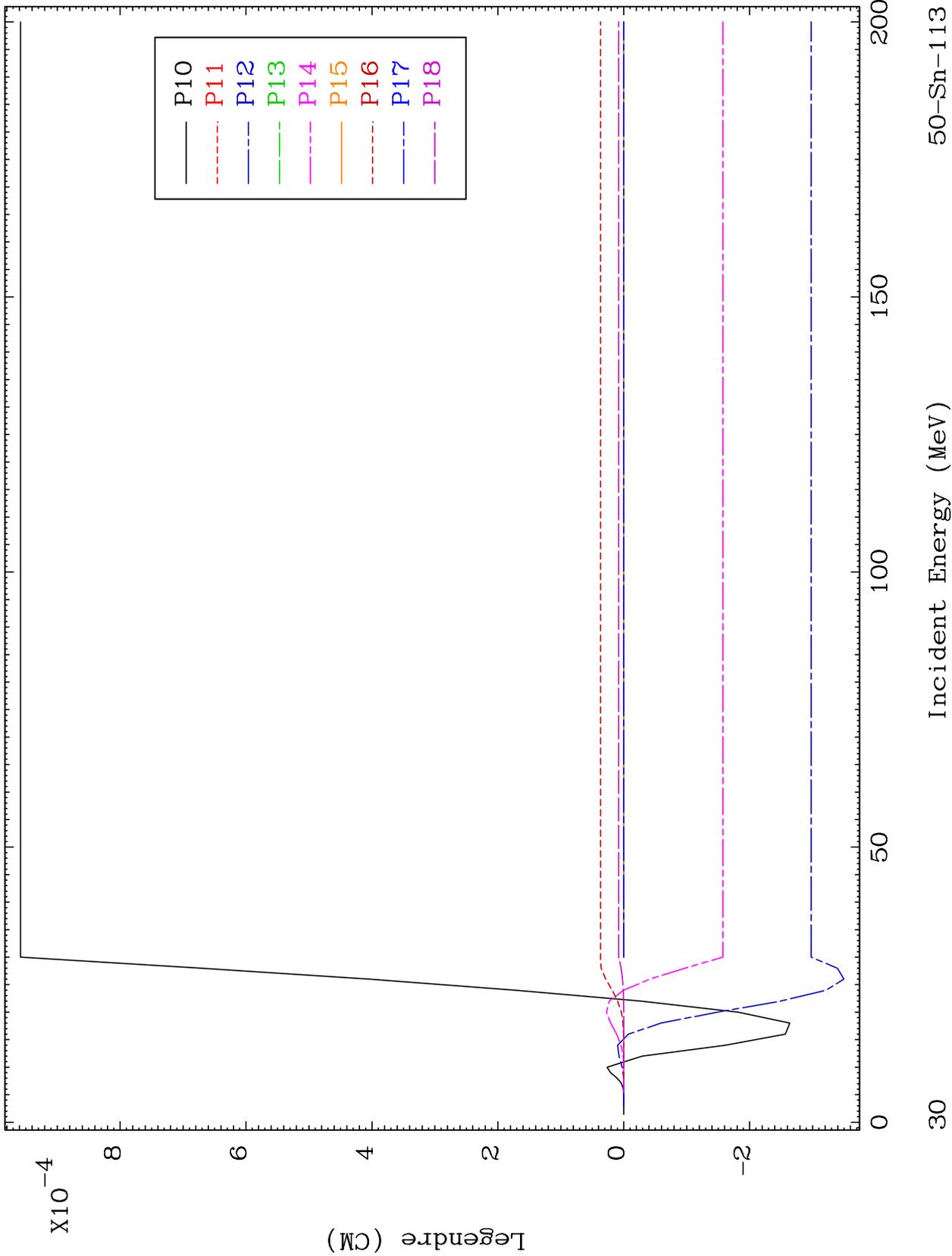


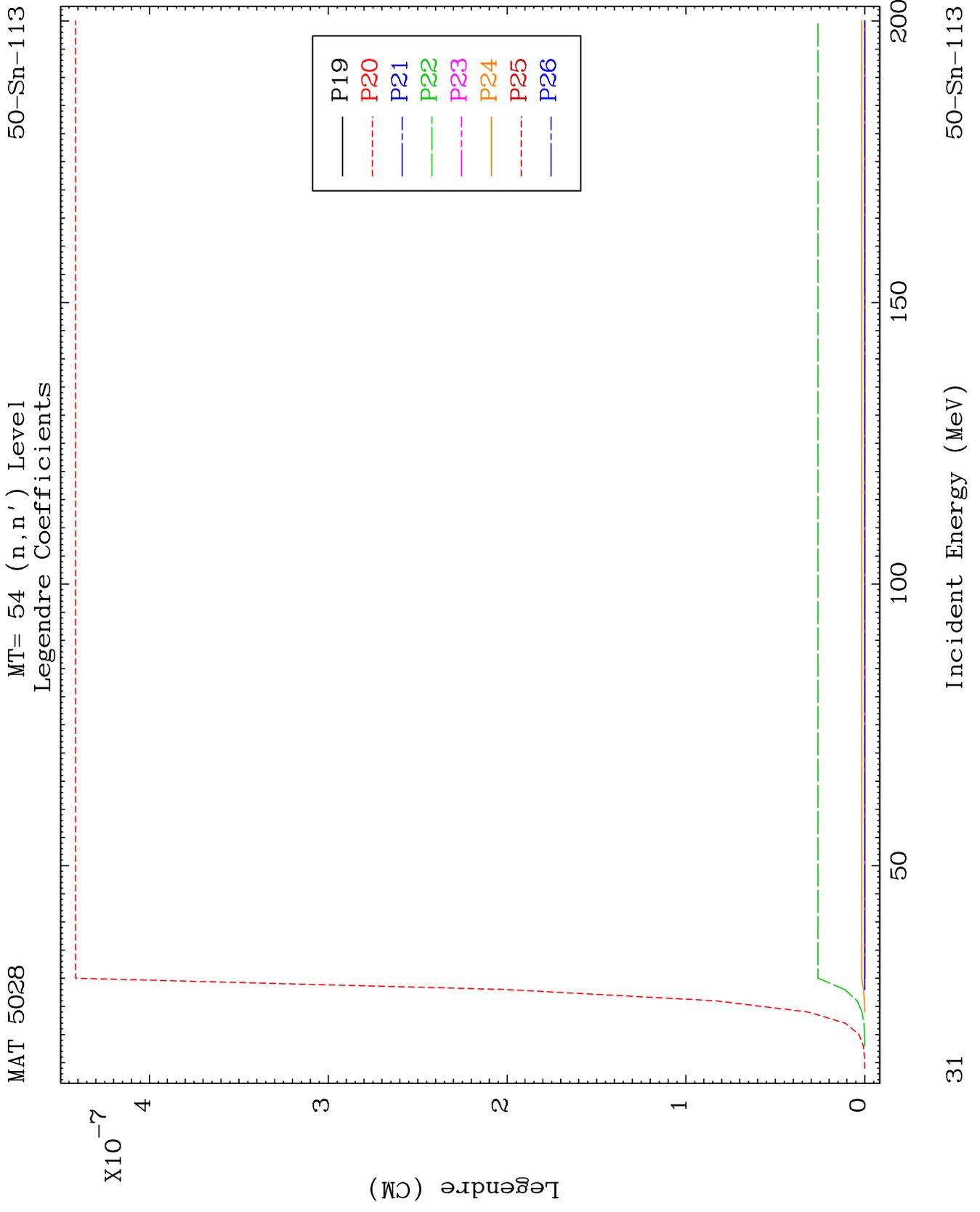


MAT 5028

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

50-Sn-113

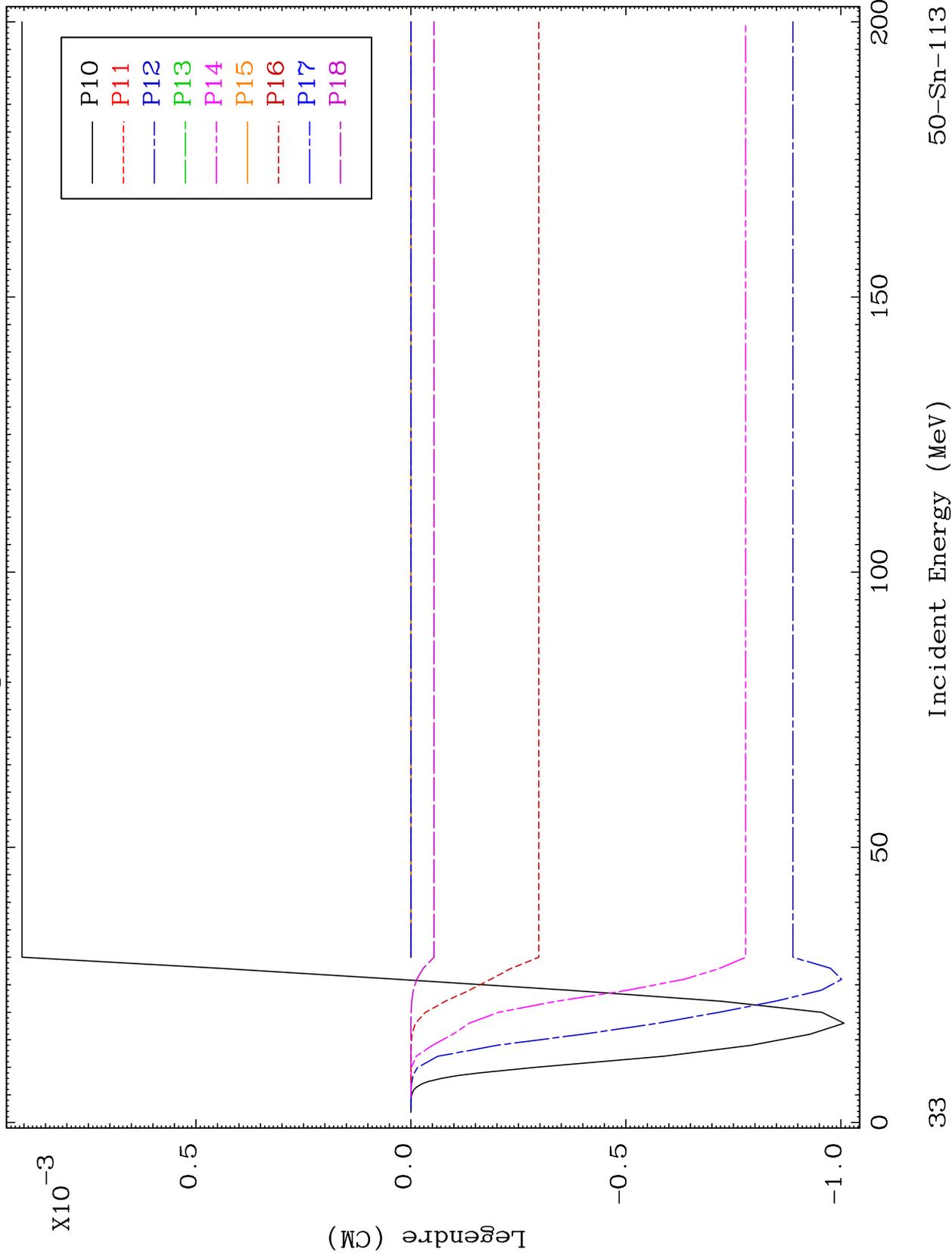




MAT 5028

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Legendre Coefficients

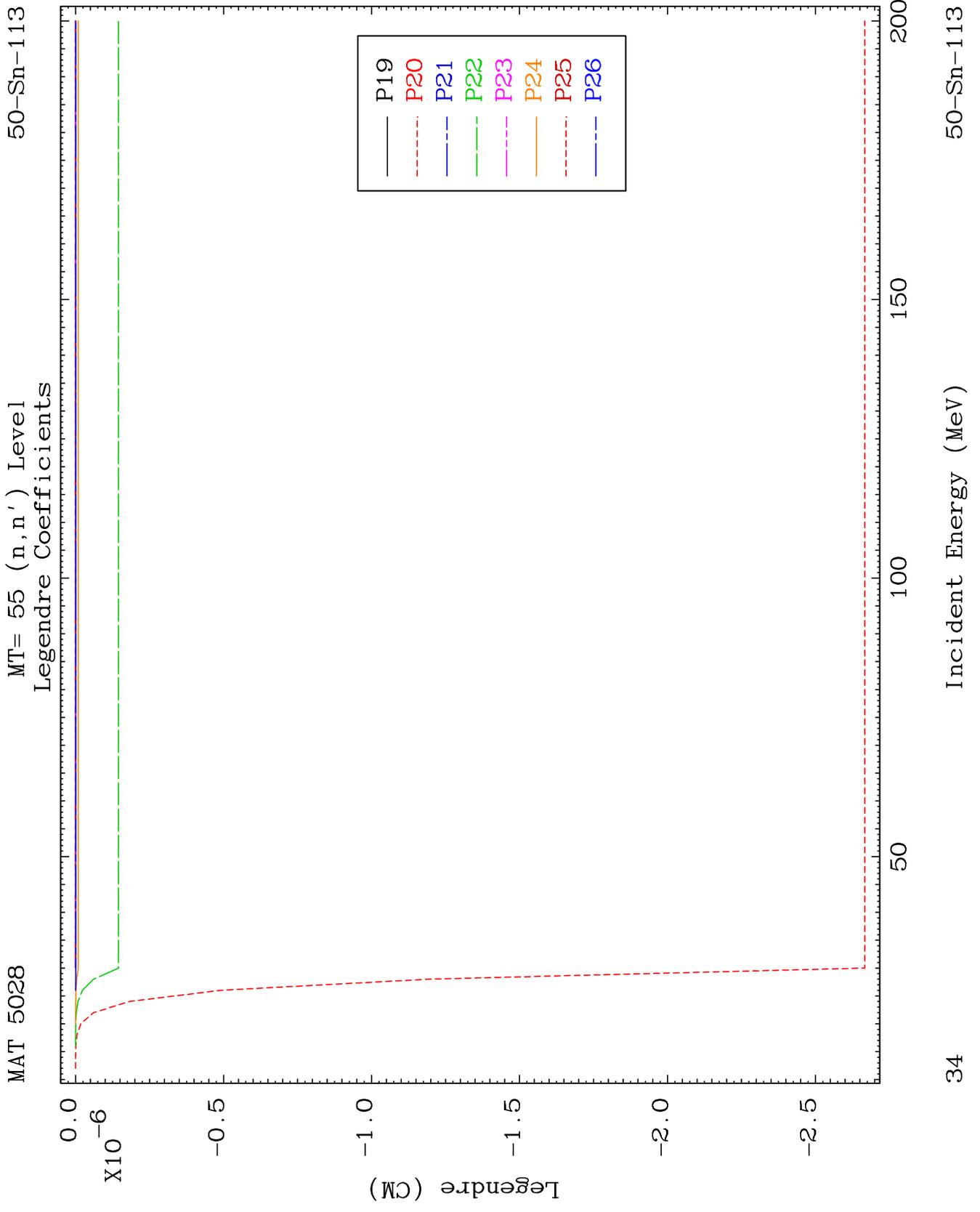
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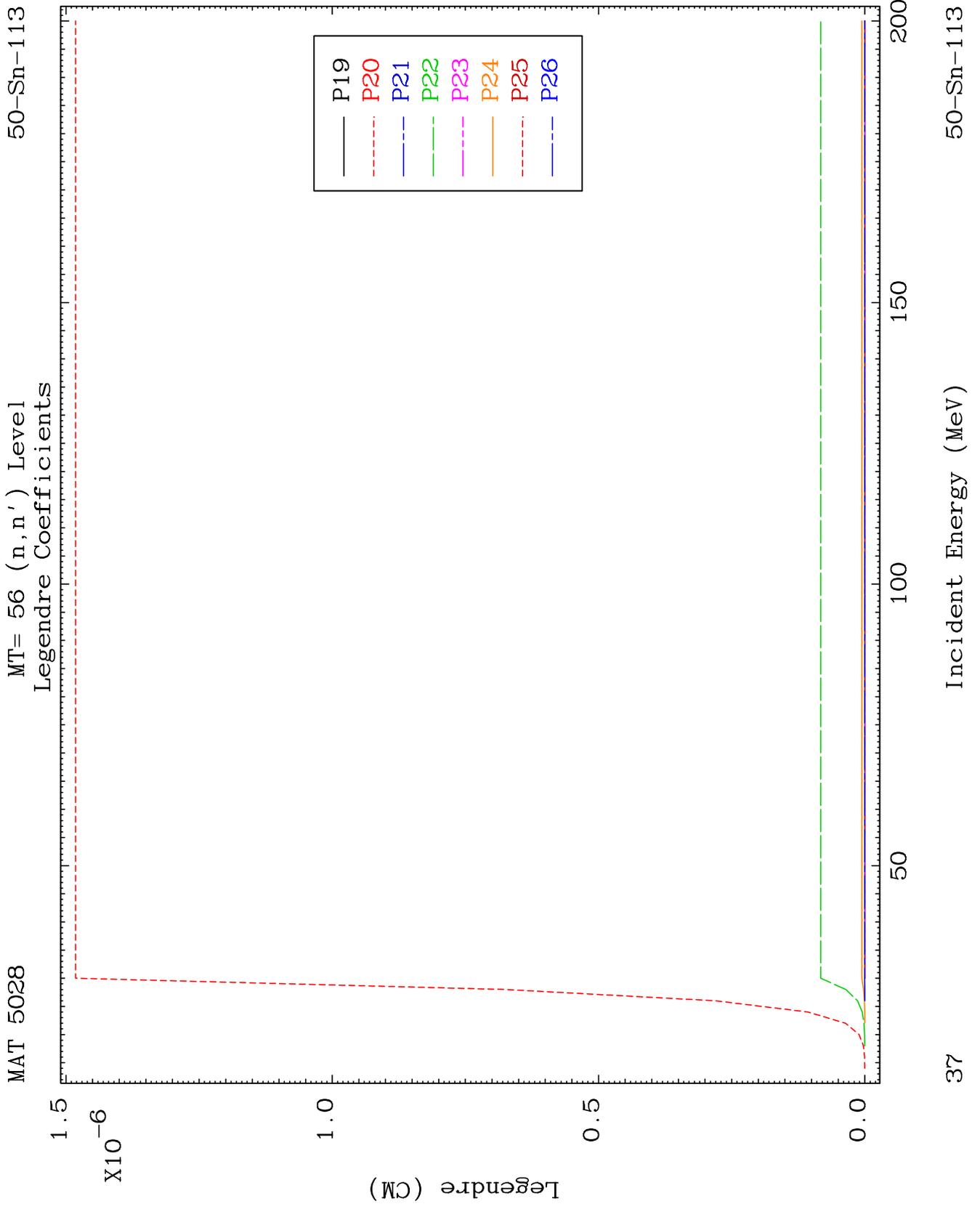


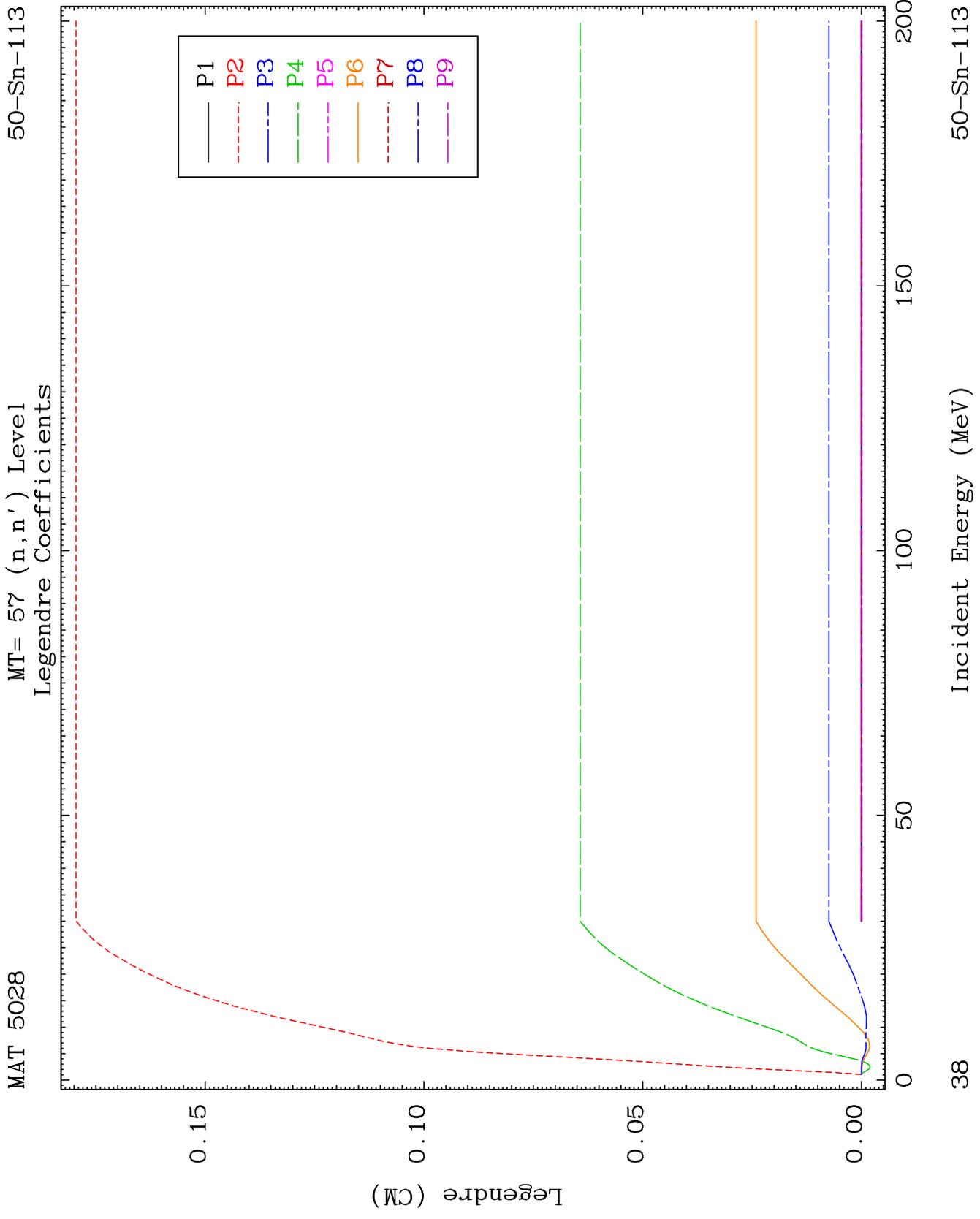
50-Sn-113

Incident Energy (MeV)

33







50-Sn-113

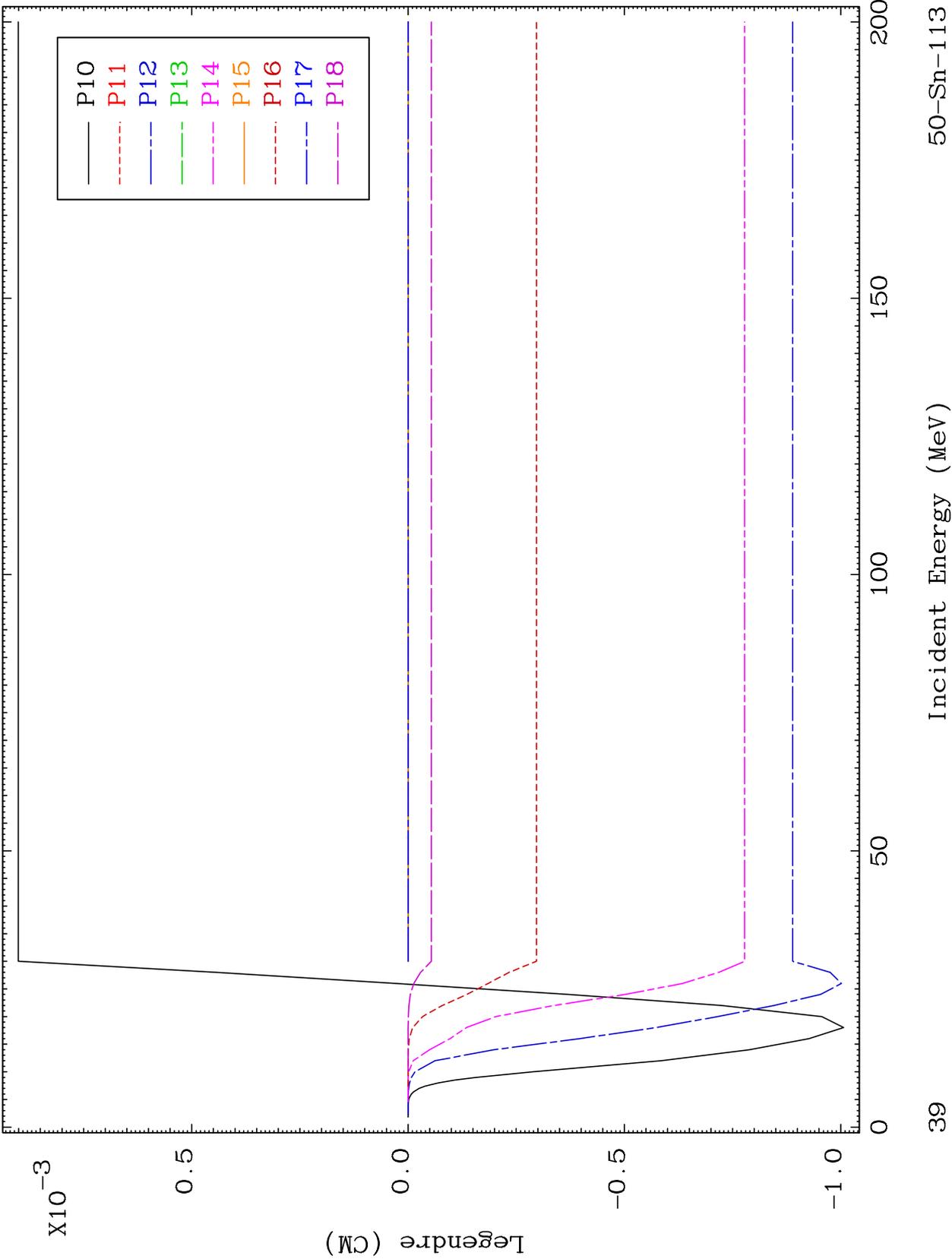
Incident Energy (MeV)

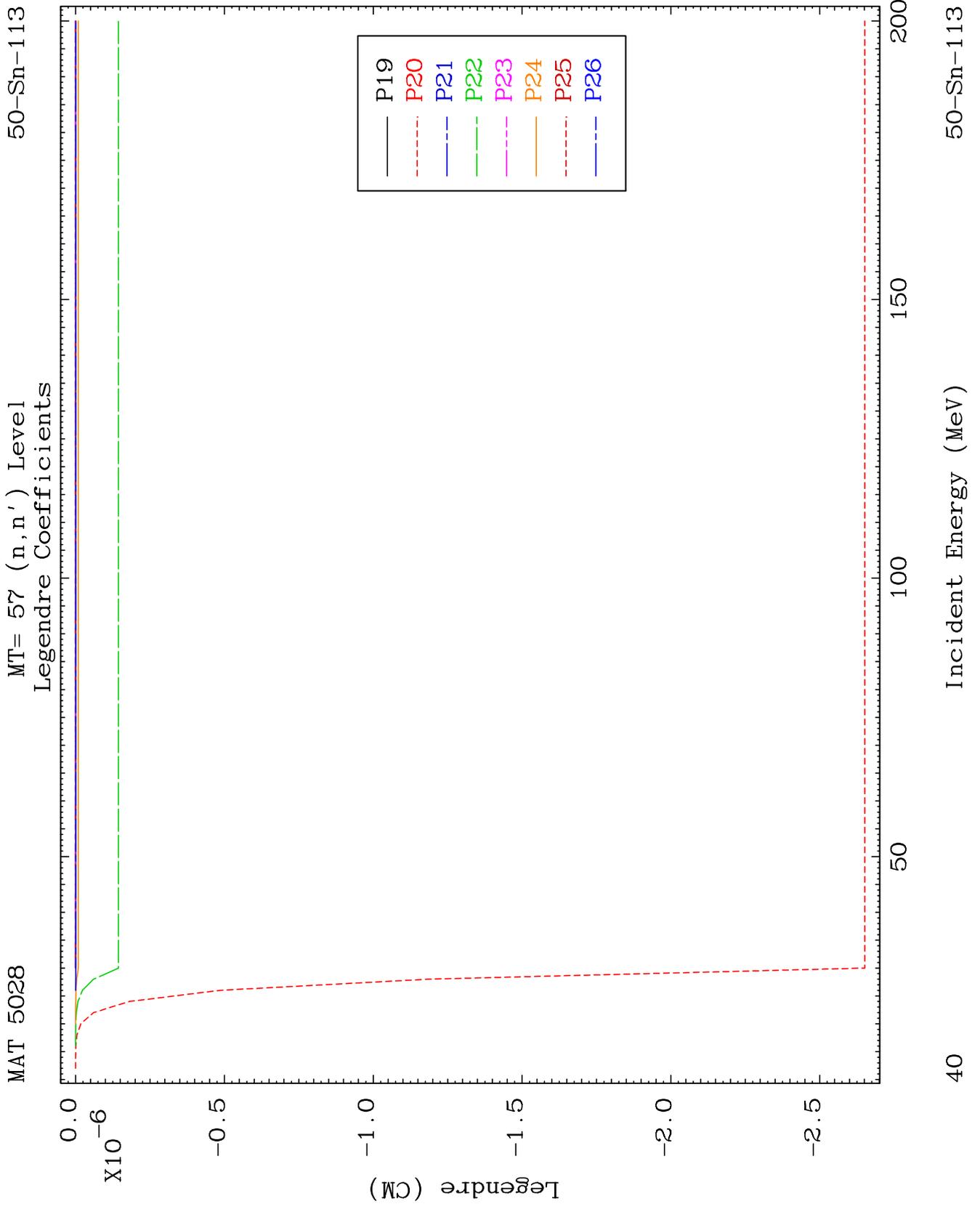
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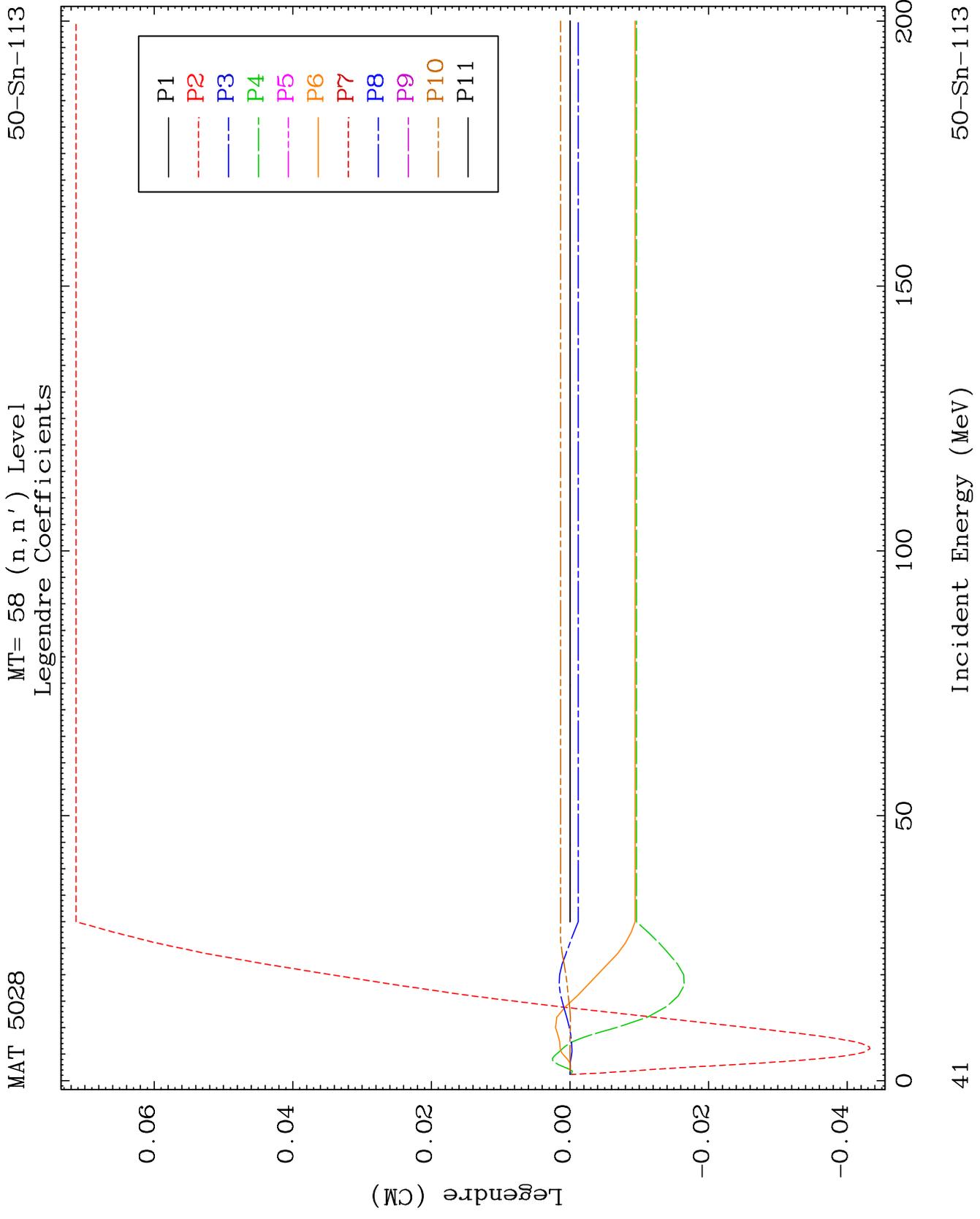
MAT 5028

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Legendre Coefficients

50-Sn-113



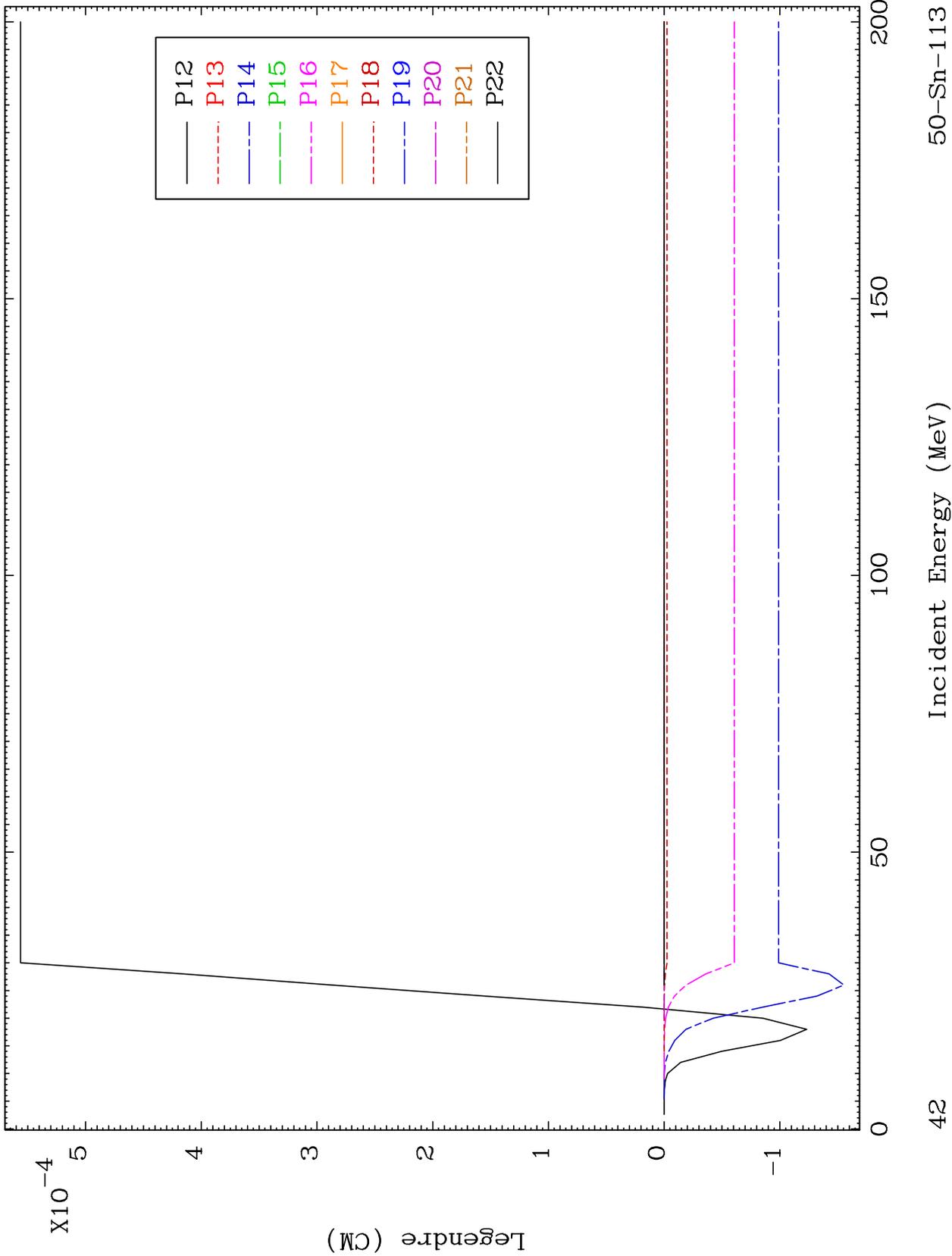




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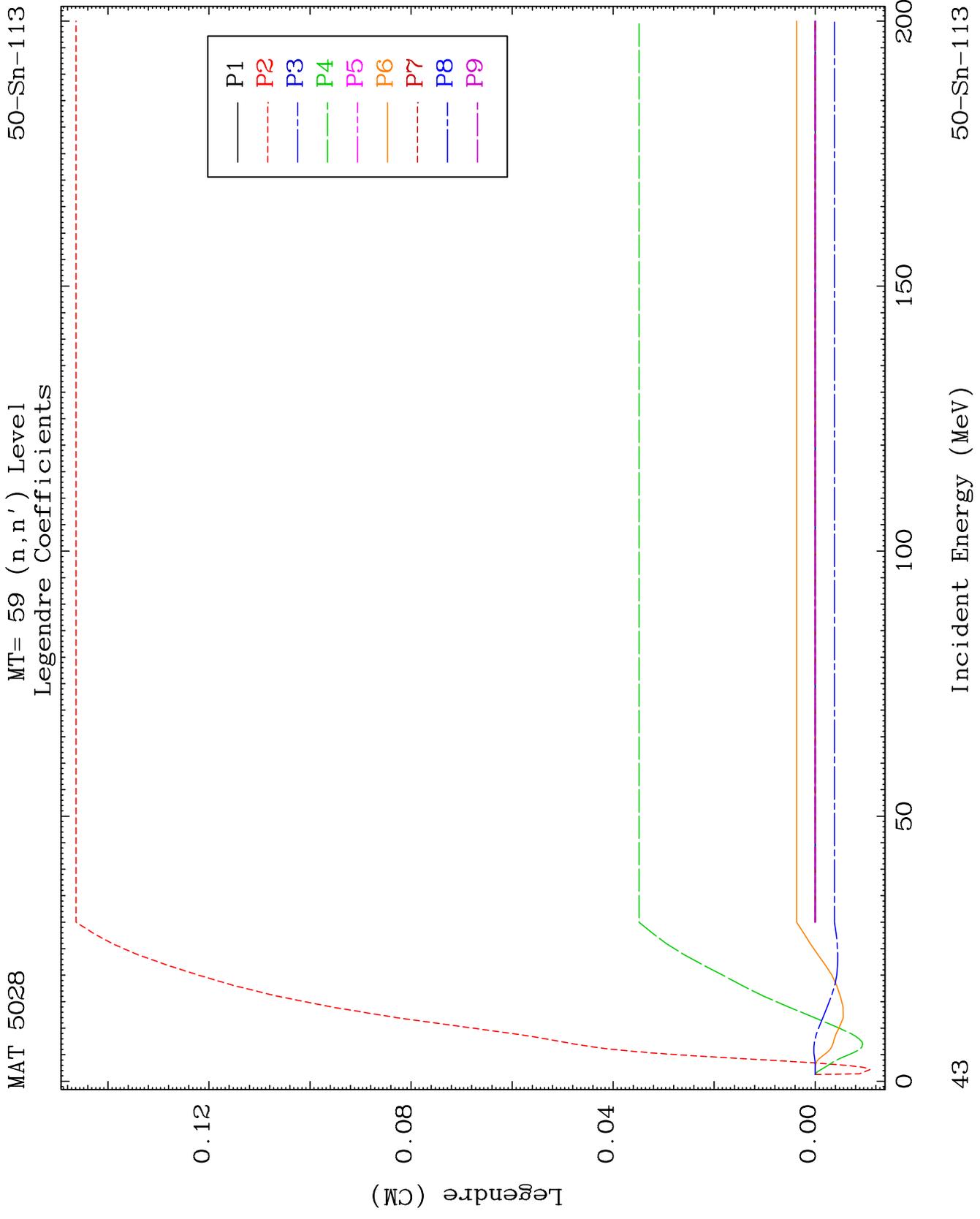
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Legendre Coefficients

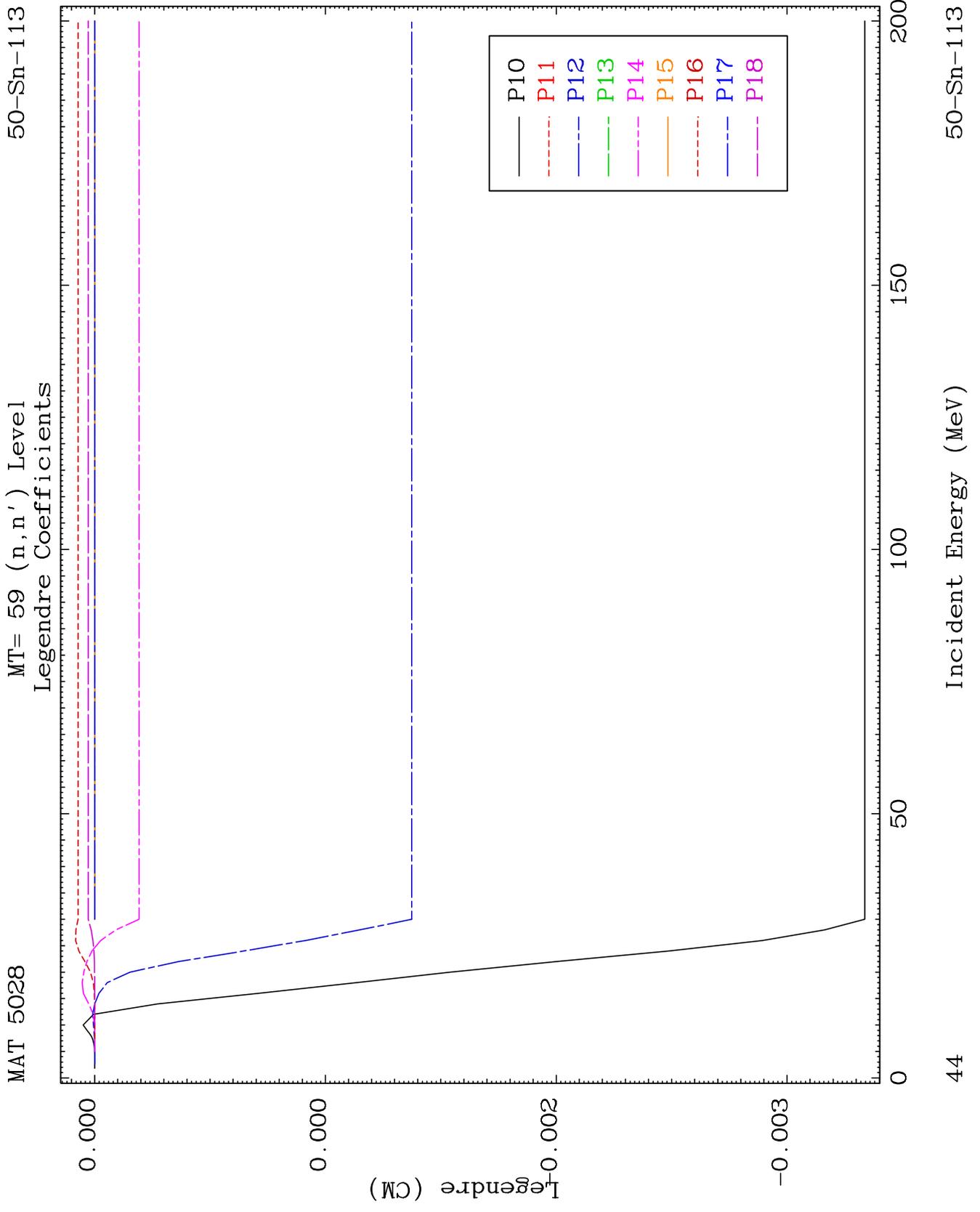
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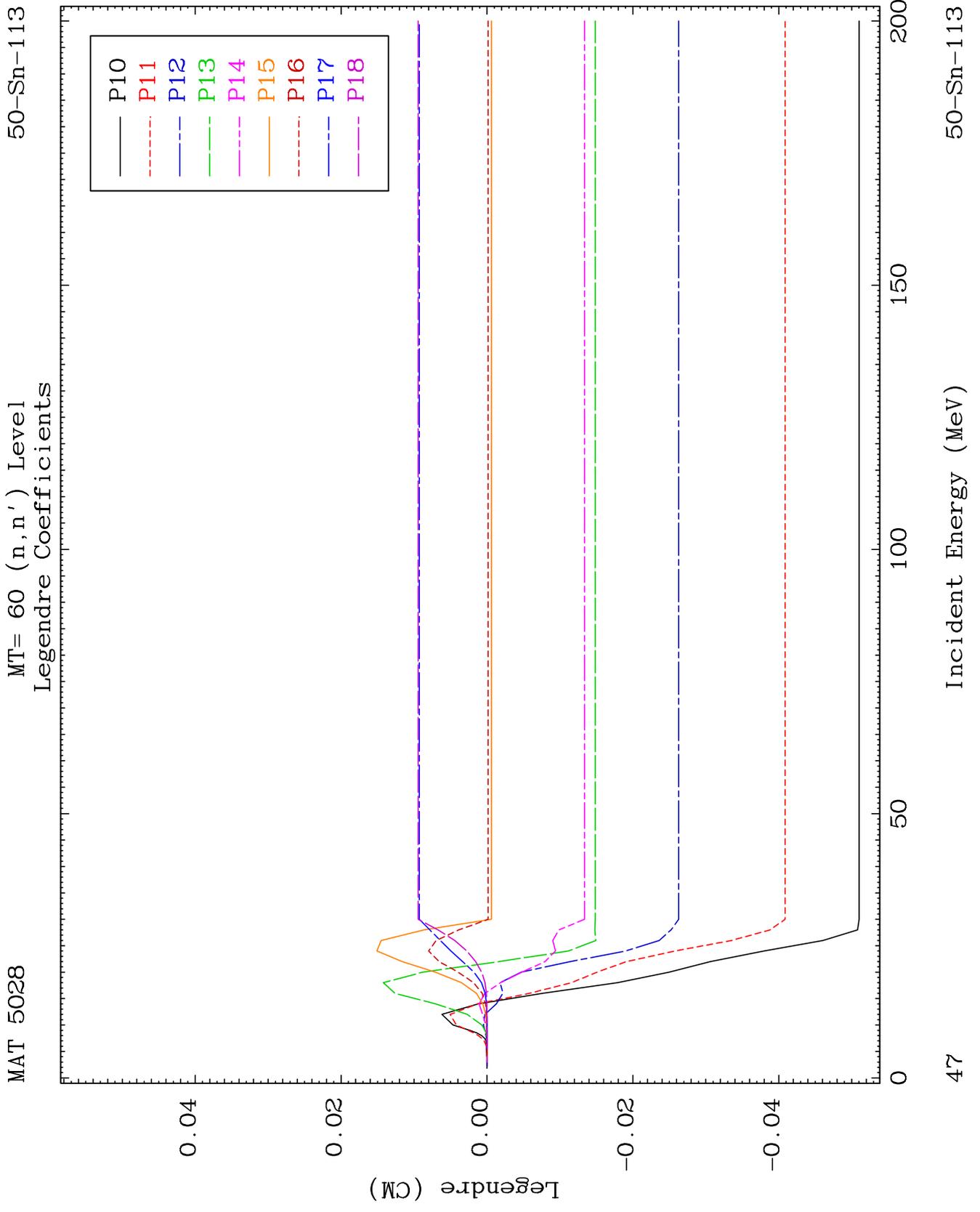


42

50-Sn-113



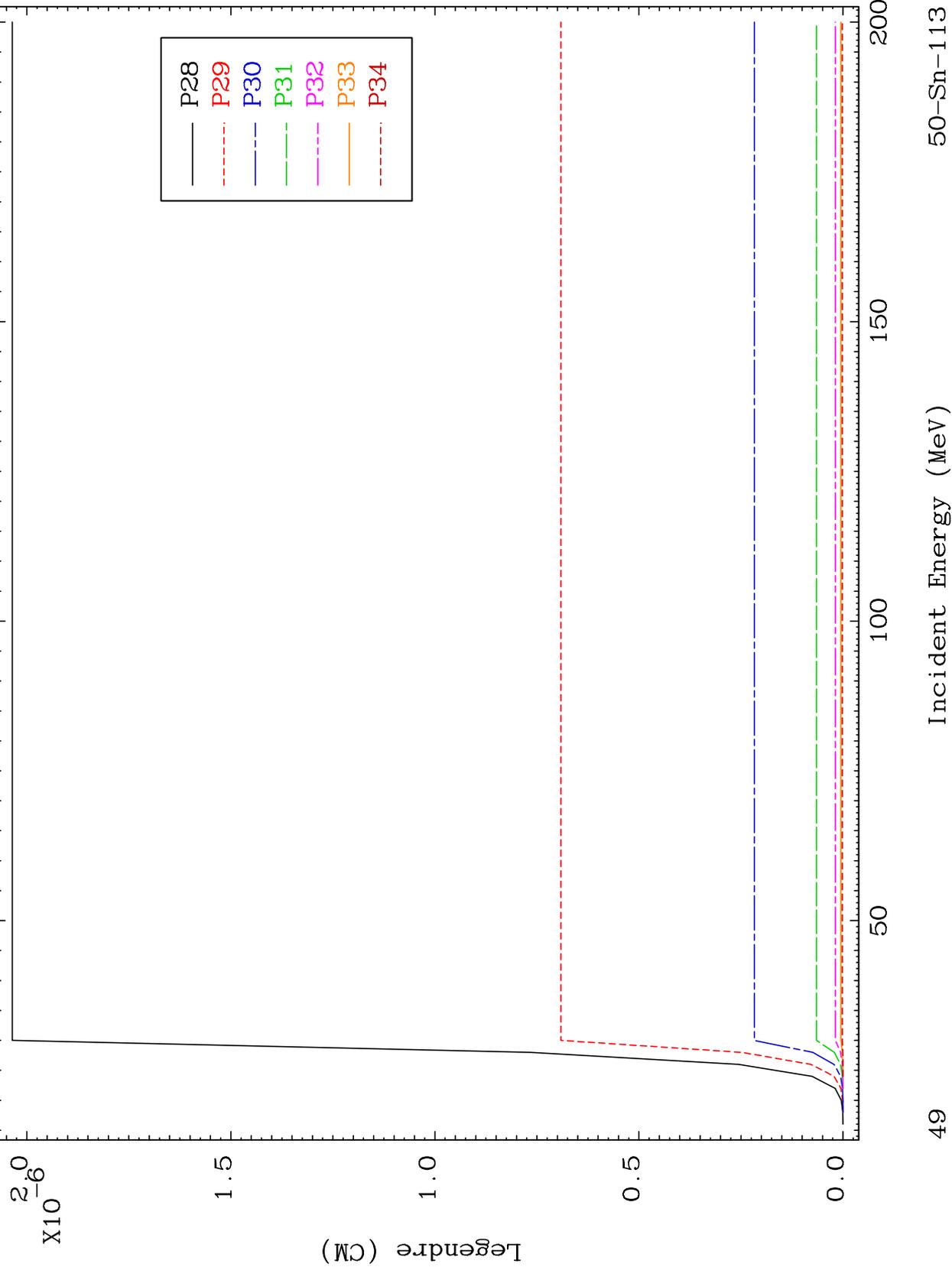




MAT 5028

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Legendre Coefficients

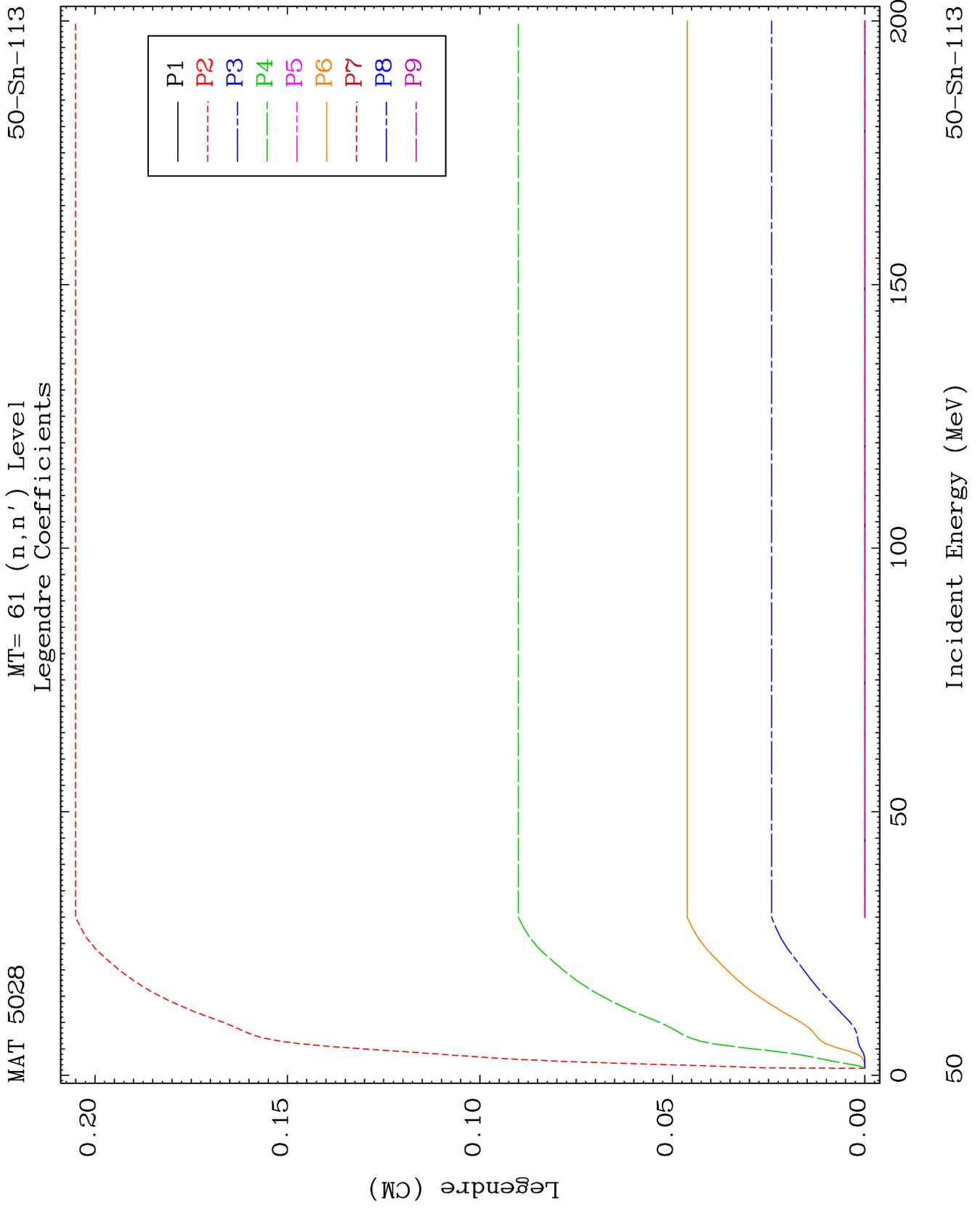
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49

Incident Energy (MeV)

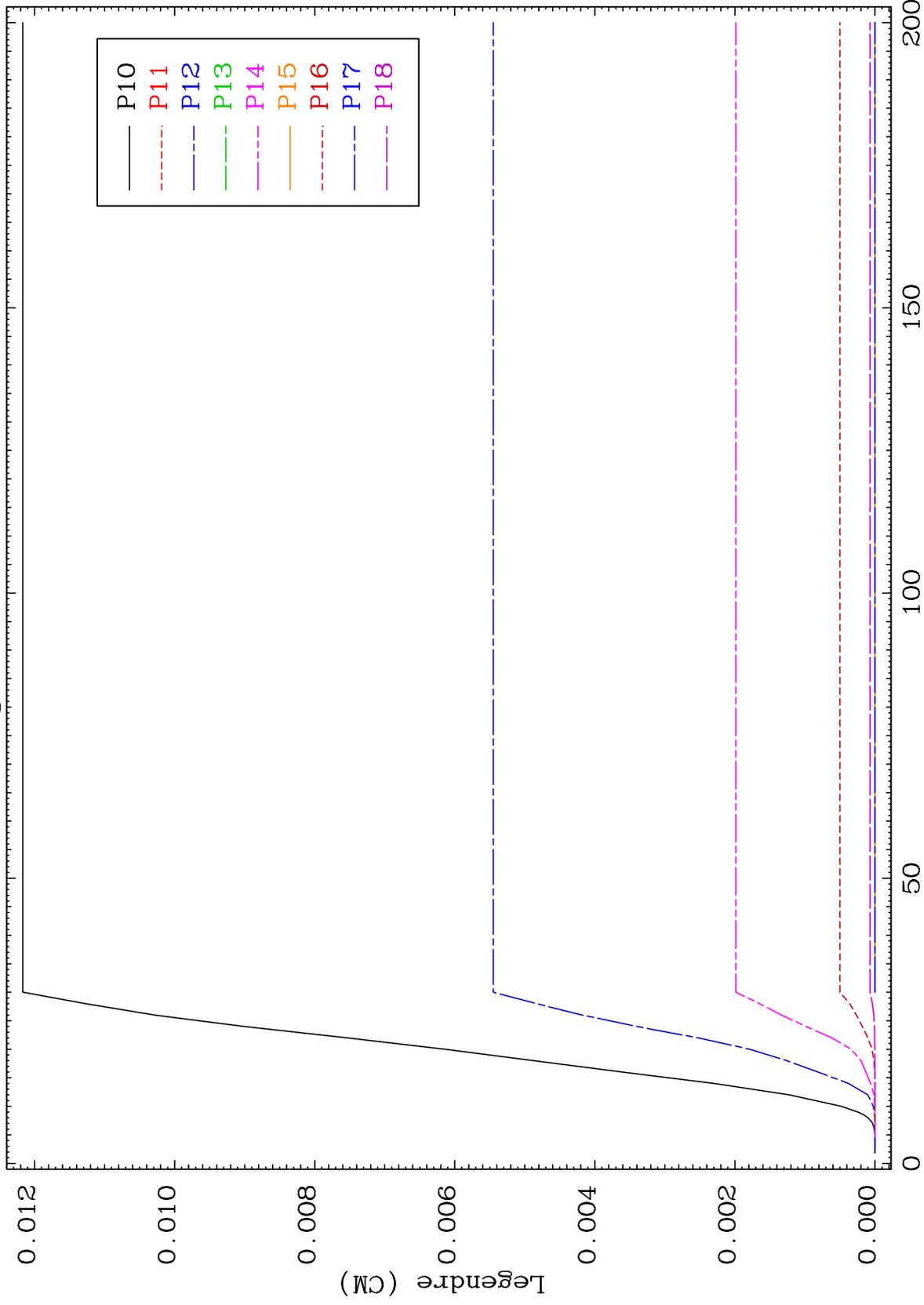
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MAT 5028

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

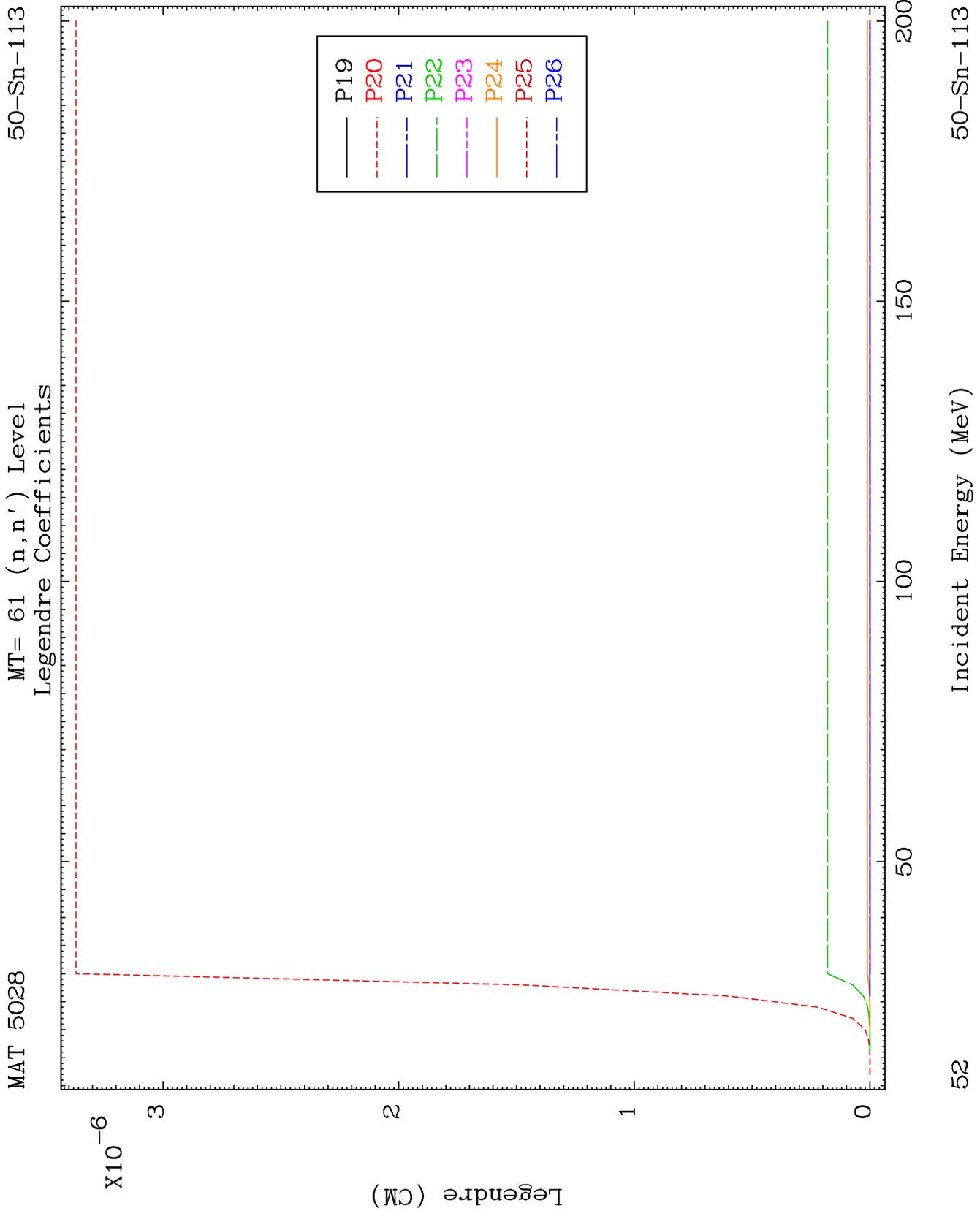
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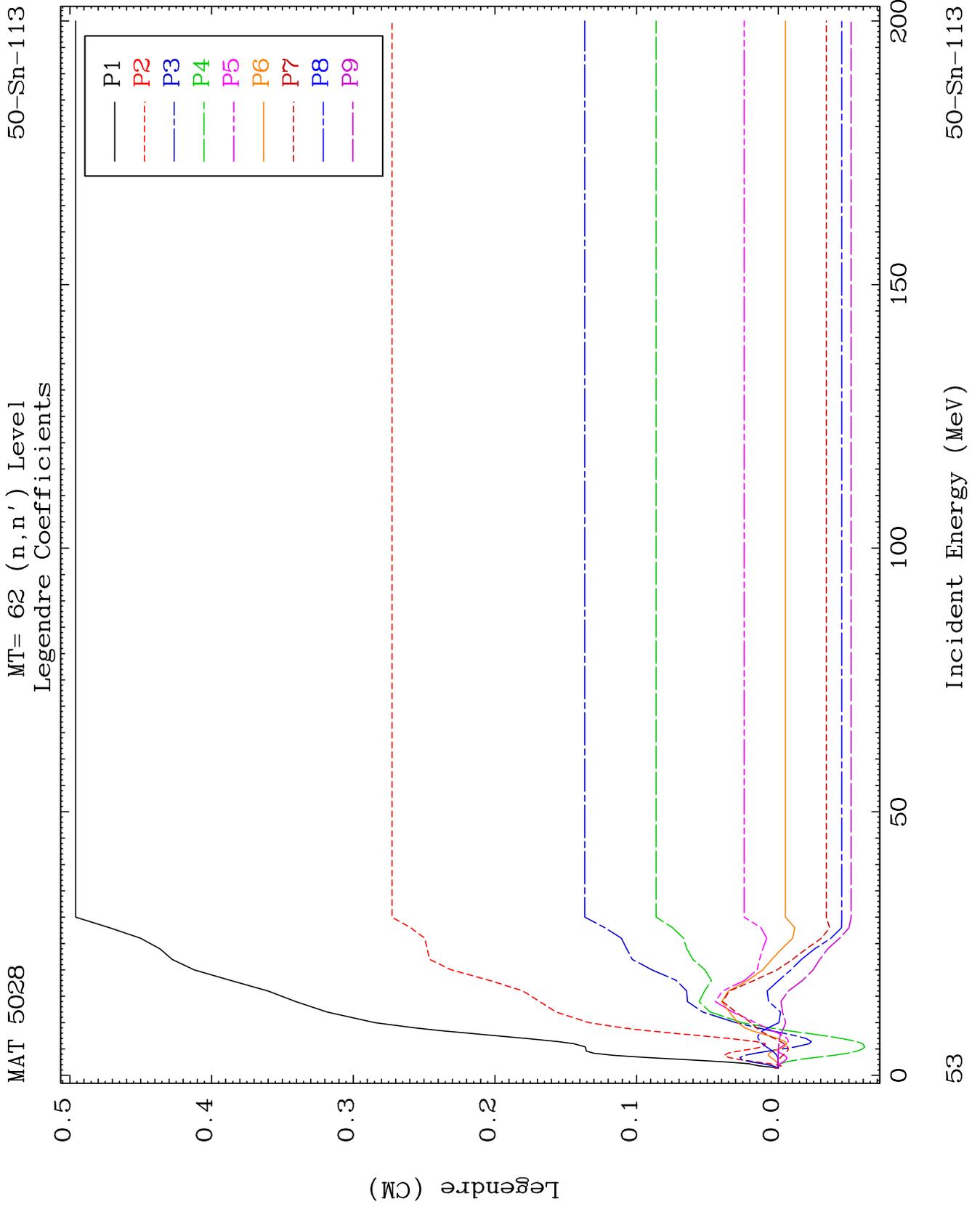


50-Sn-113

Incident Energy (MeV)

51

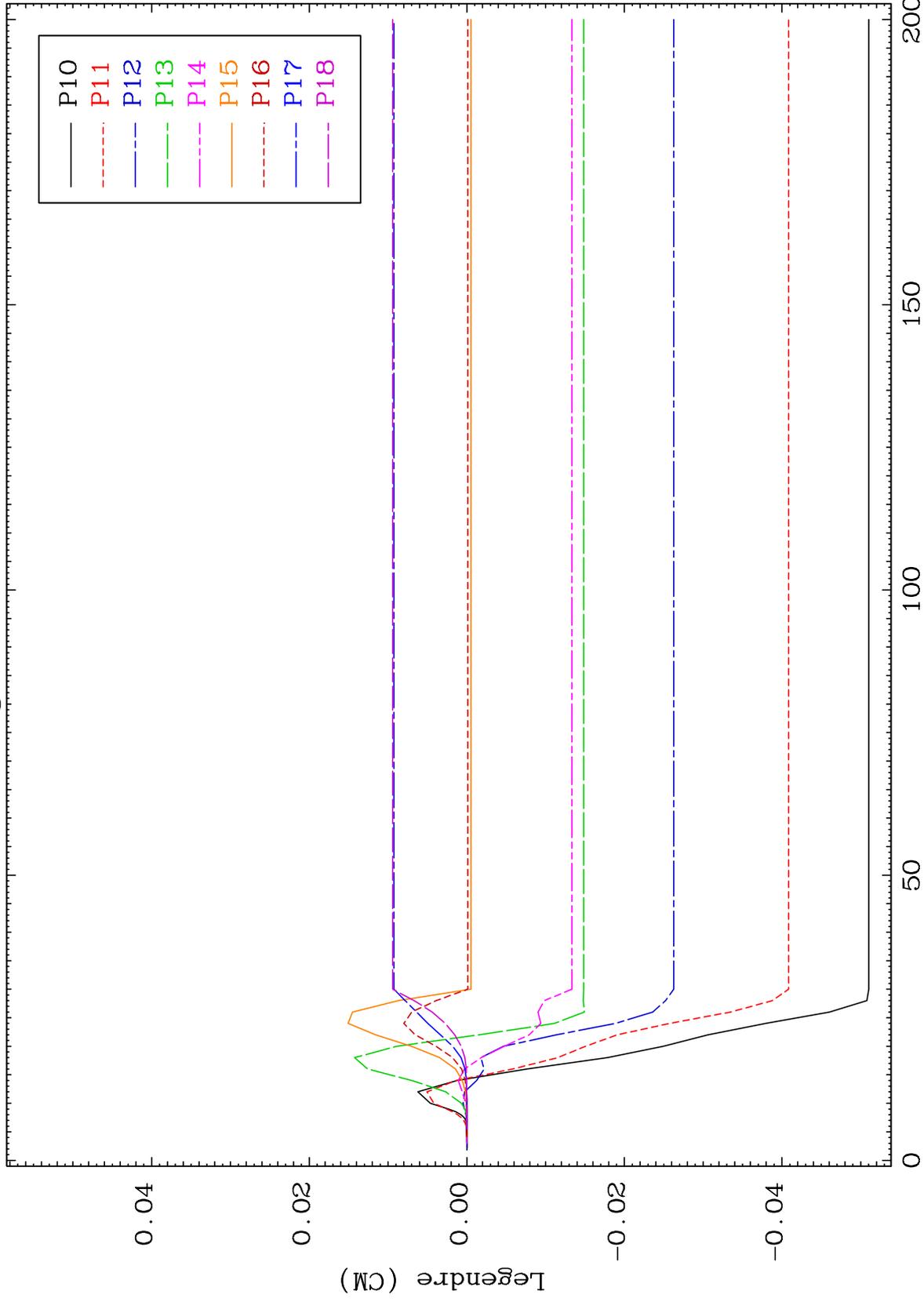




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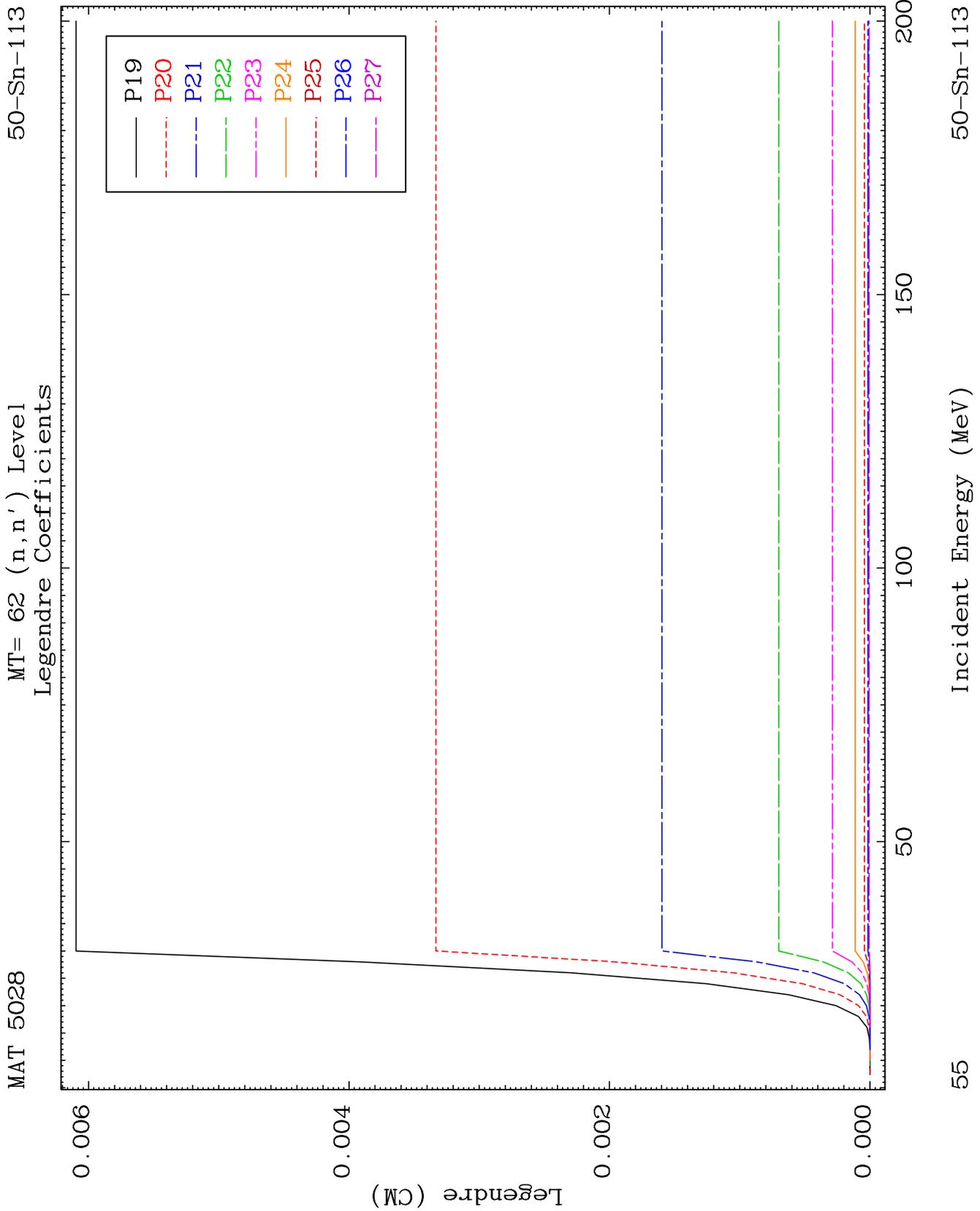
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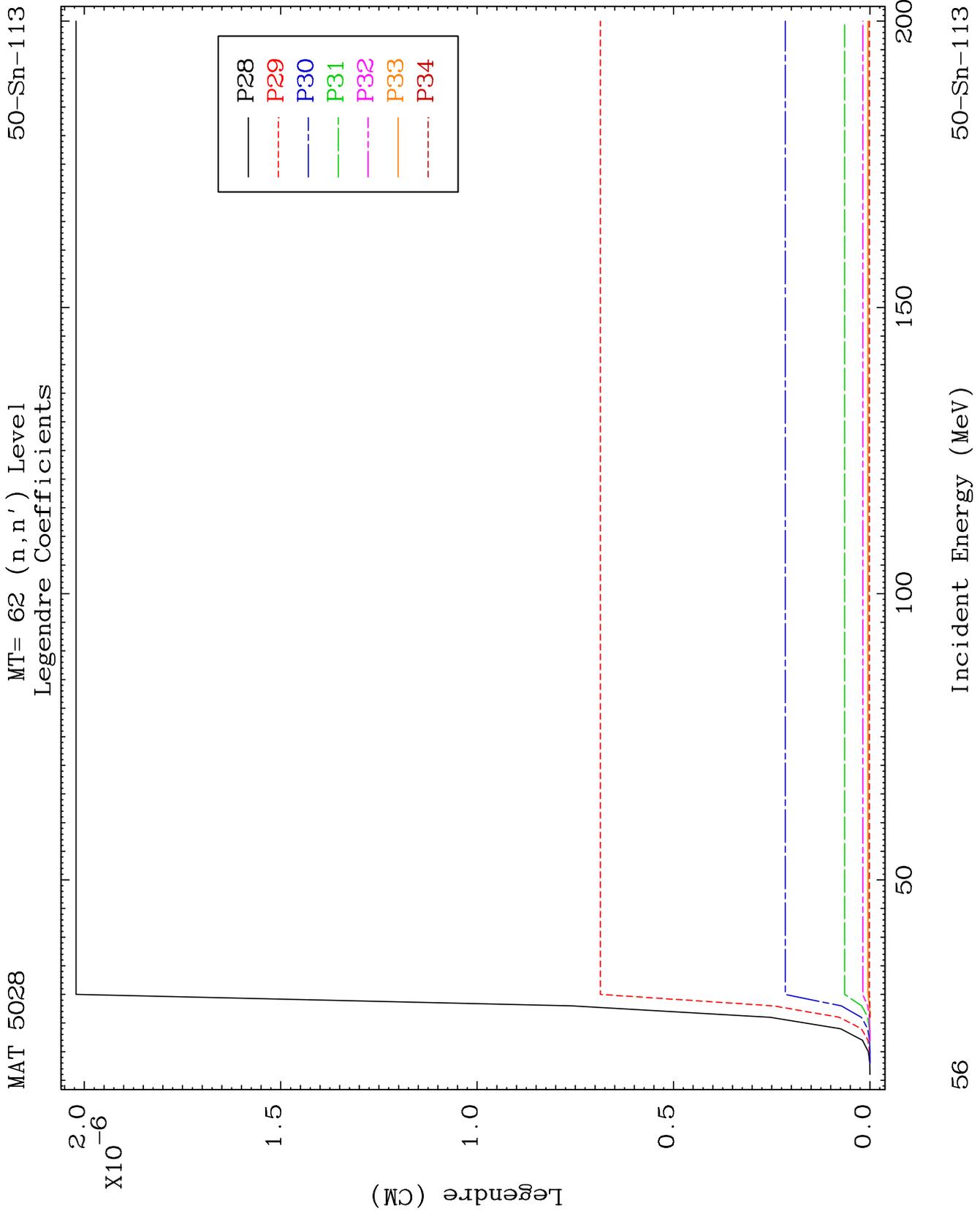


54

Incident Energy (MeV)

50-Sn-113

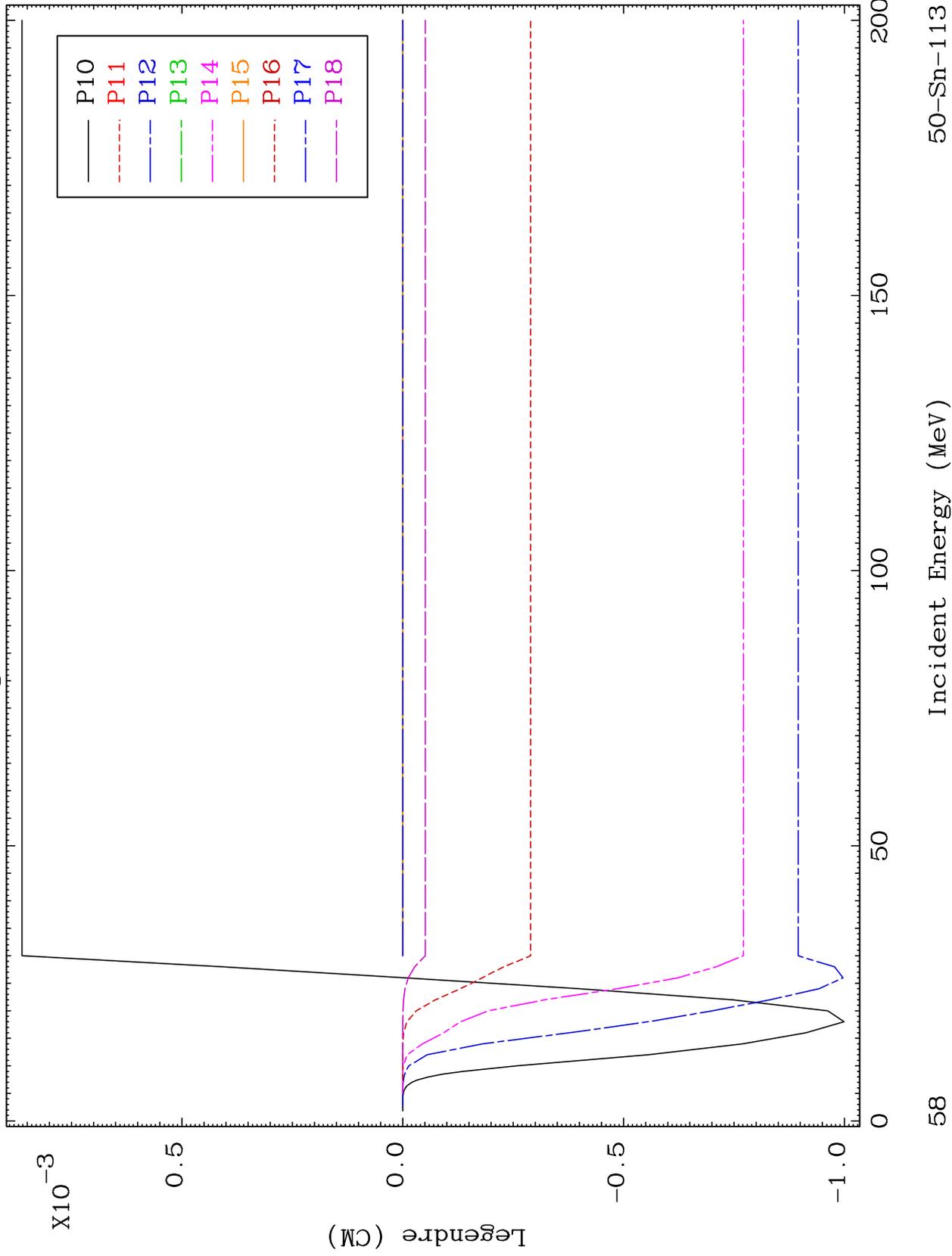




MAT 5028

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

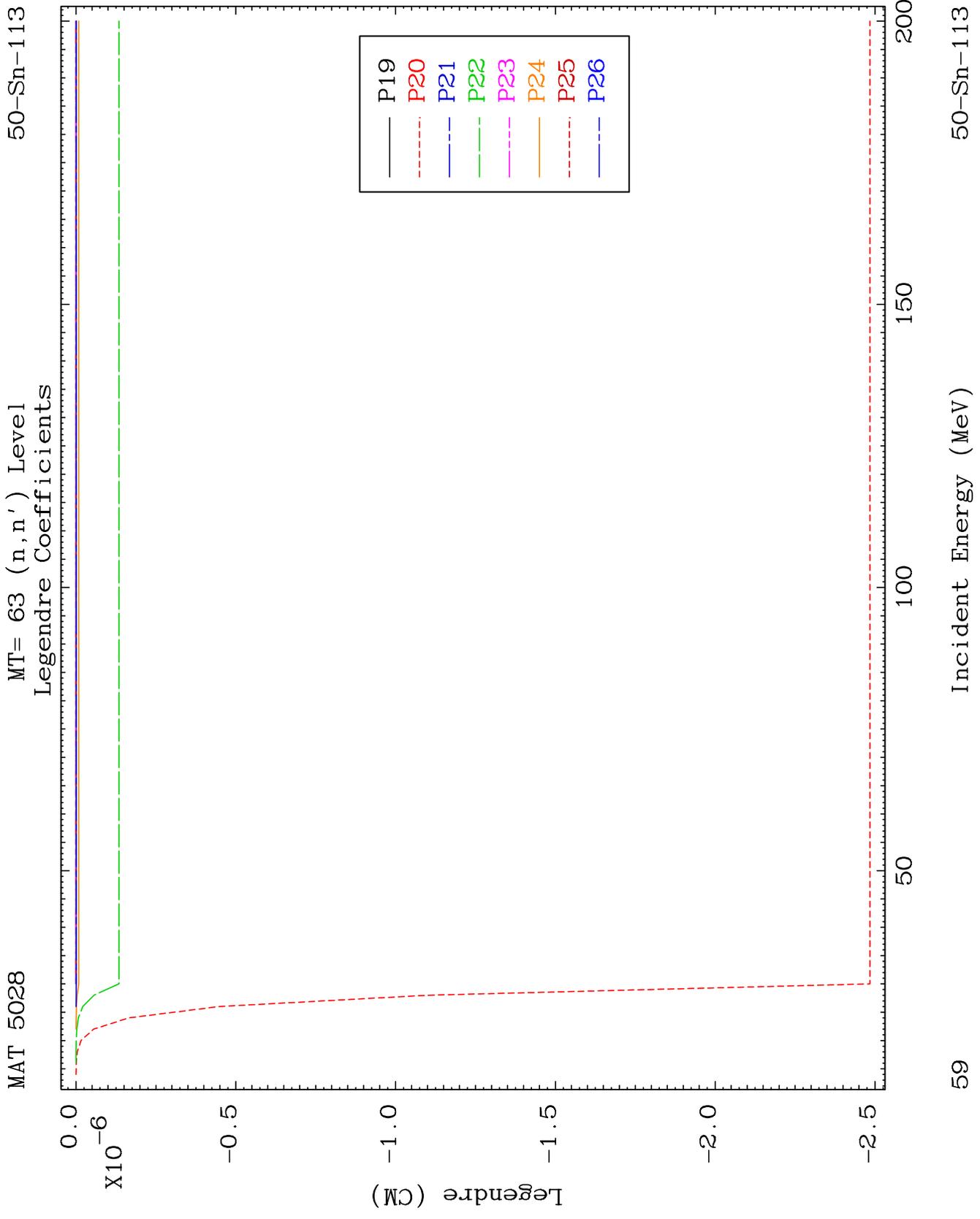
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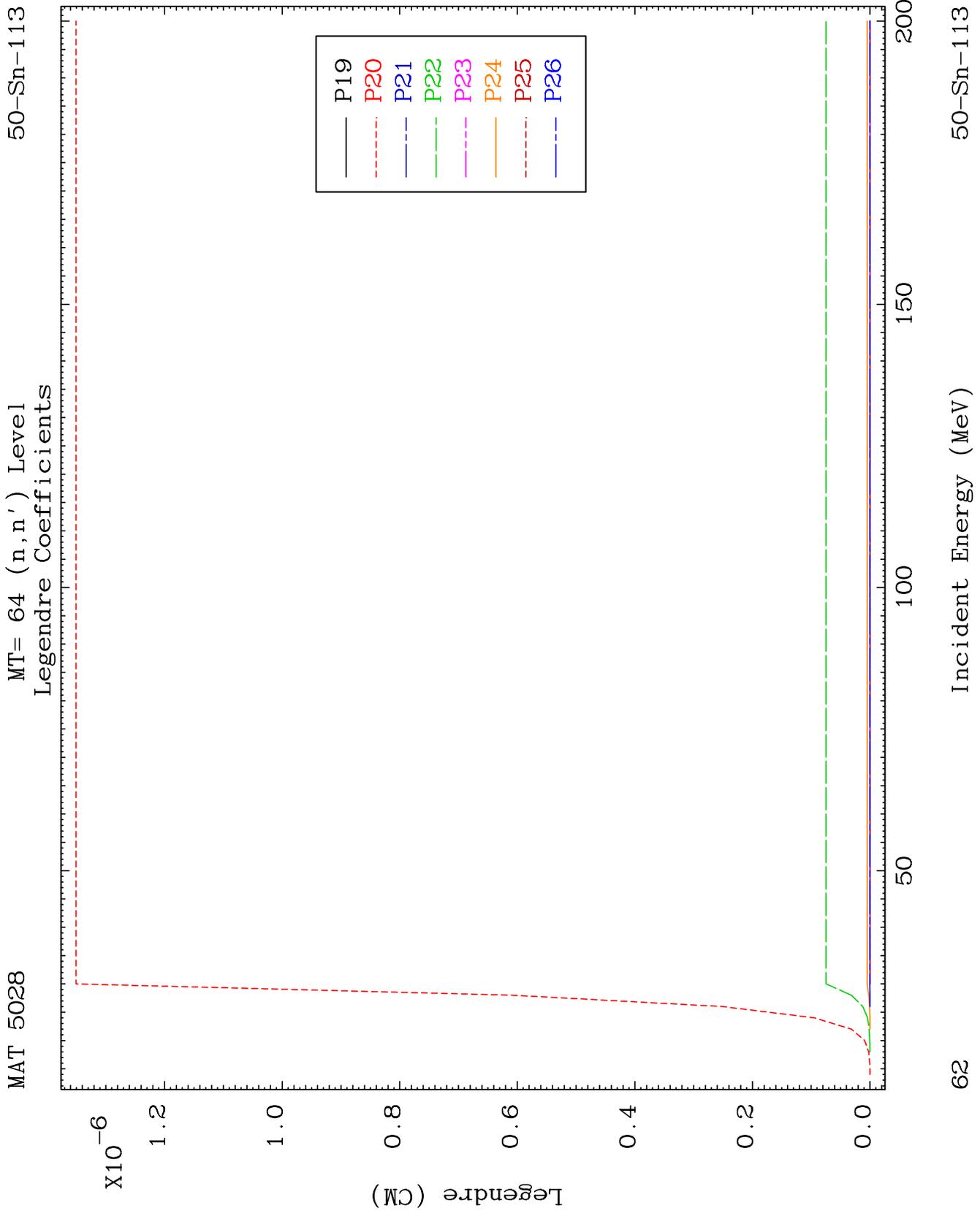


50-Sn-113

Incident Energy (MeV)

58

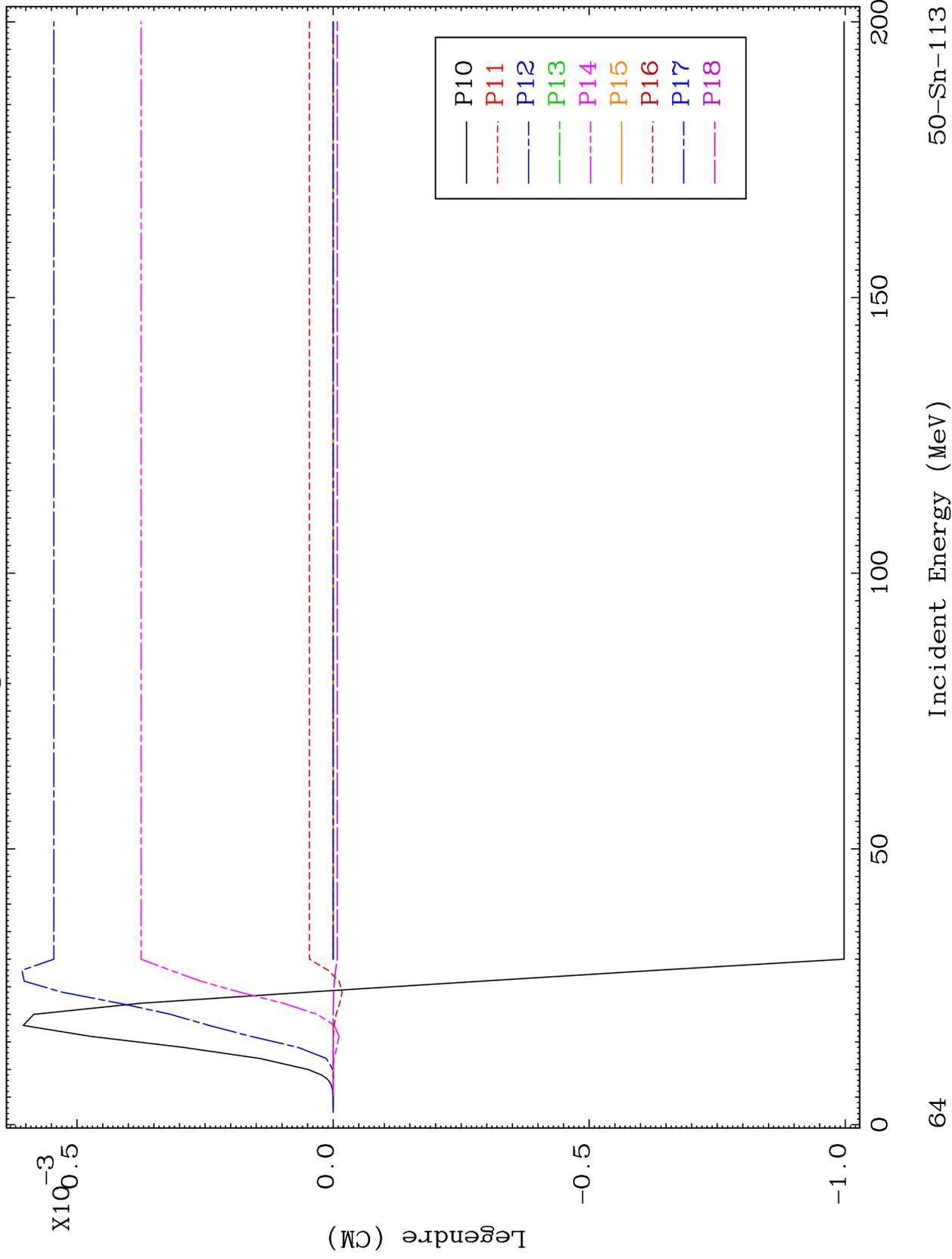




MAT 5028

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Legendre Coefficients

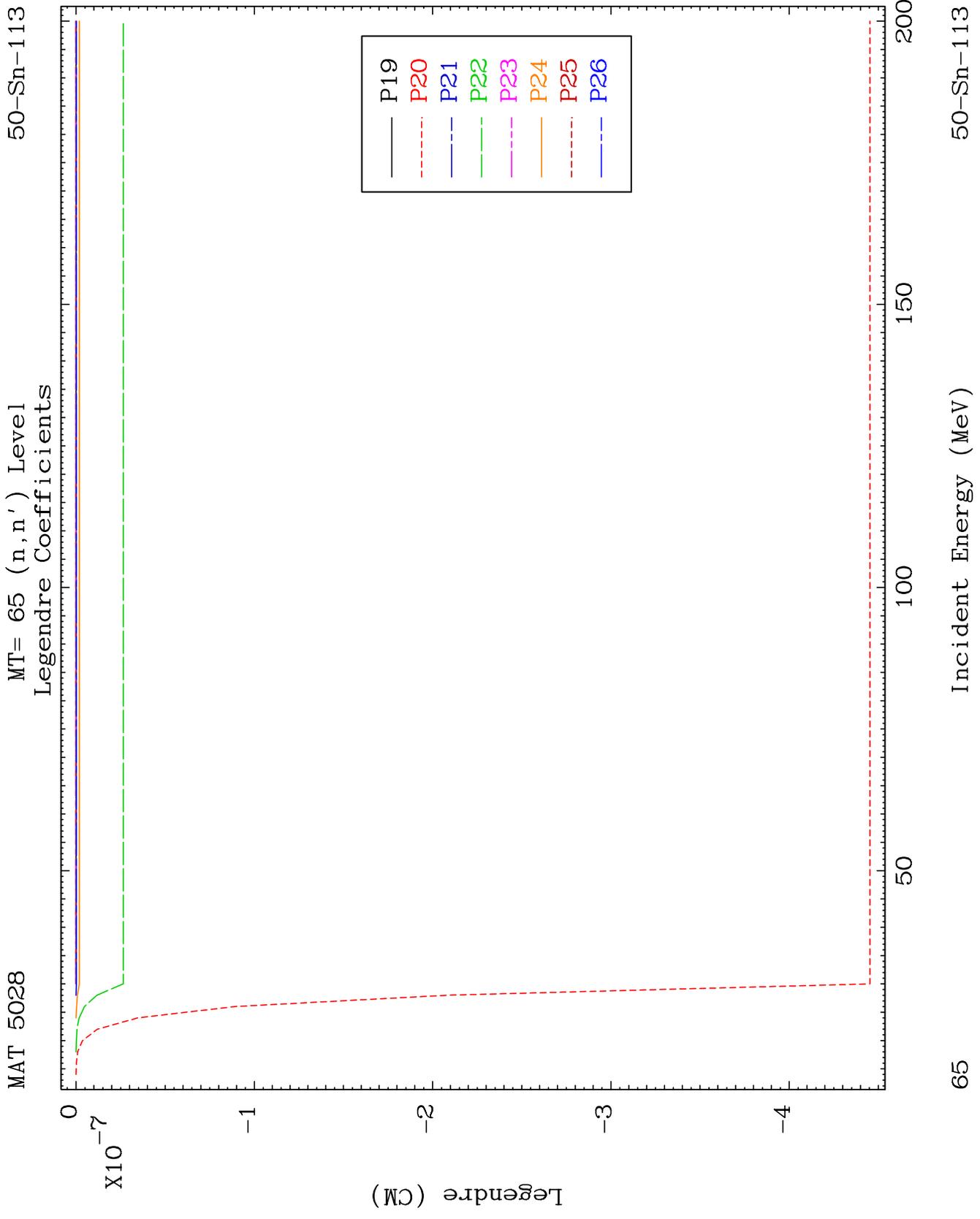
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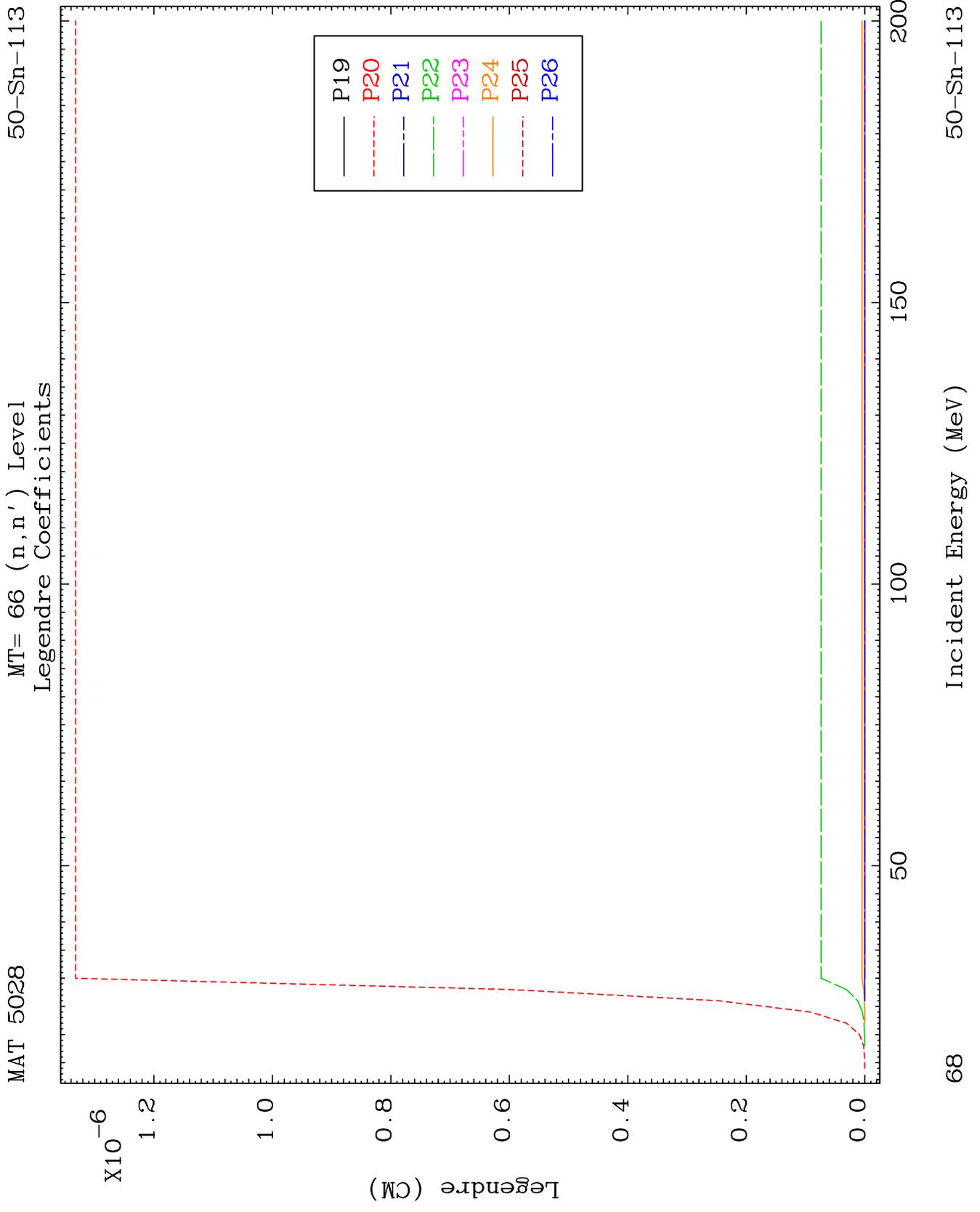


64

Incident Energy (MeV)

50-Sn-113

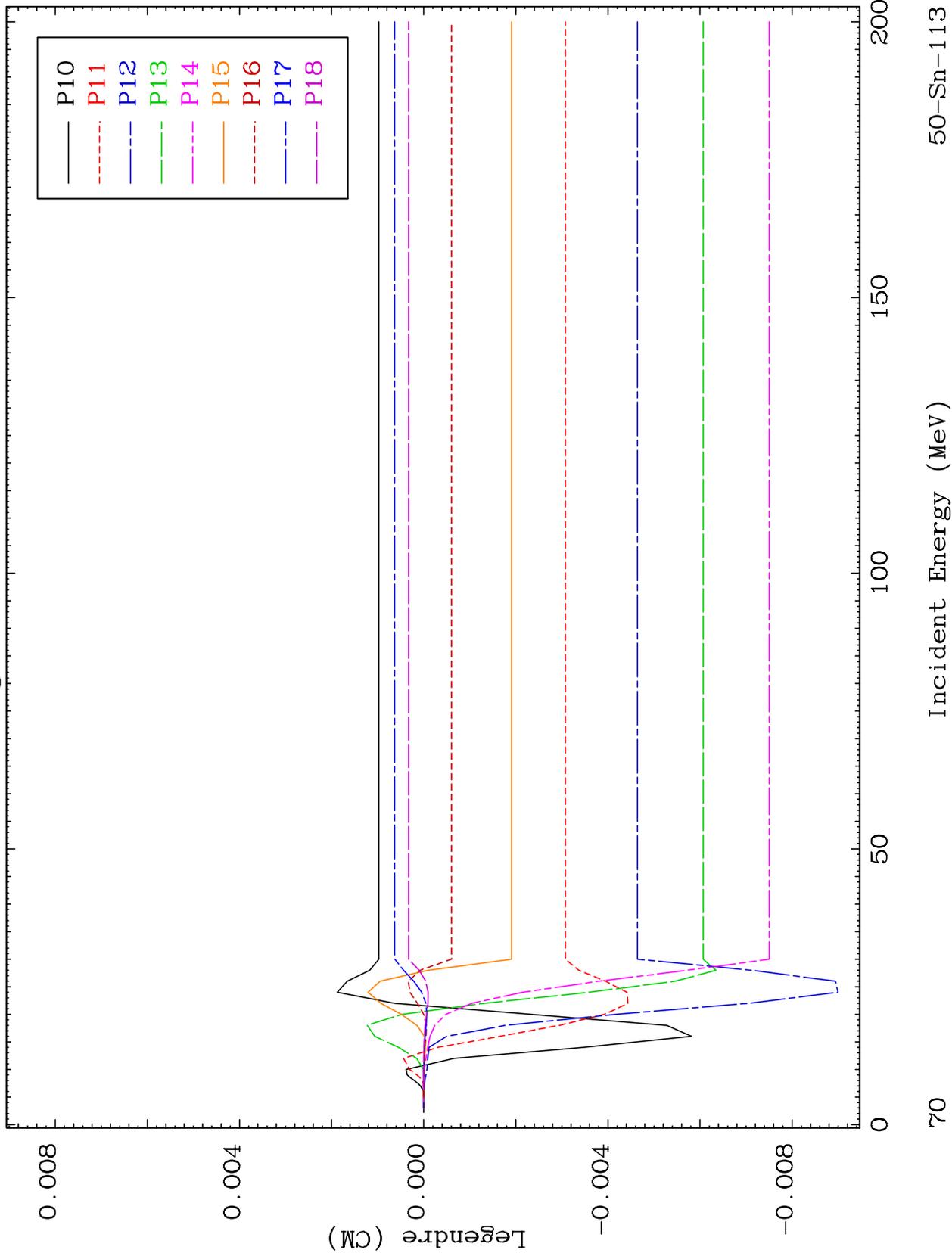




MAT 5028

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Legendre Coefficients

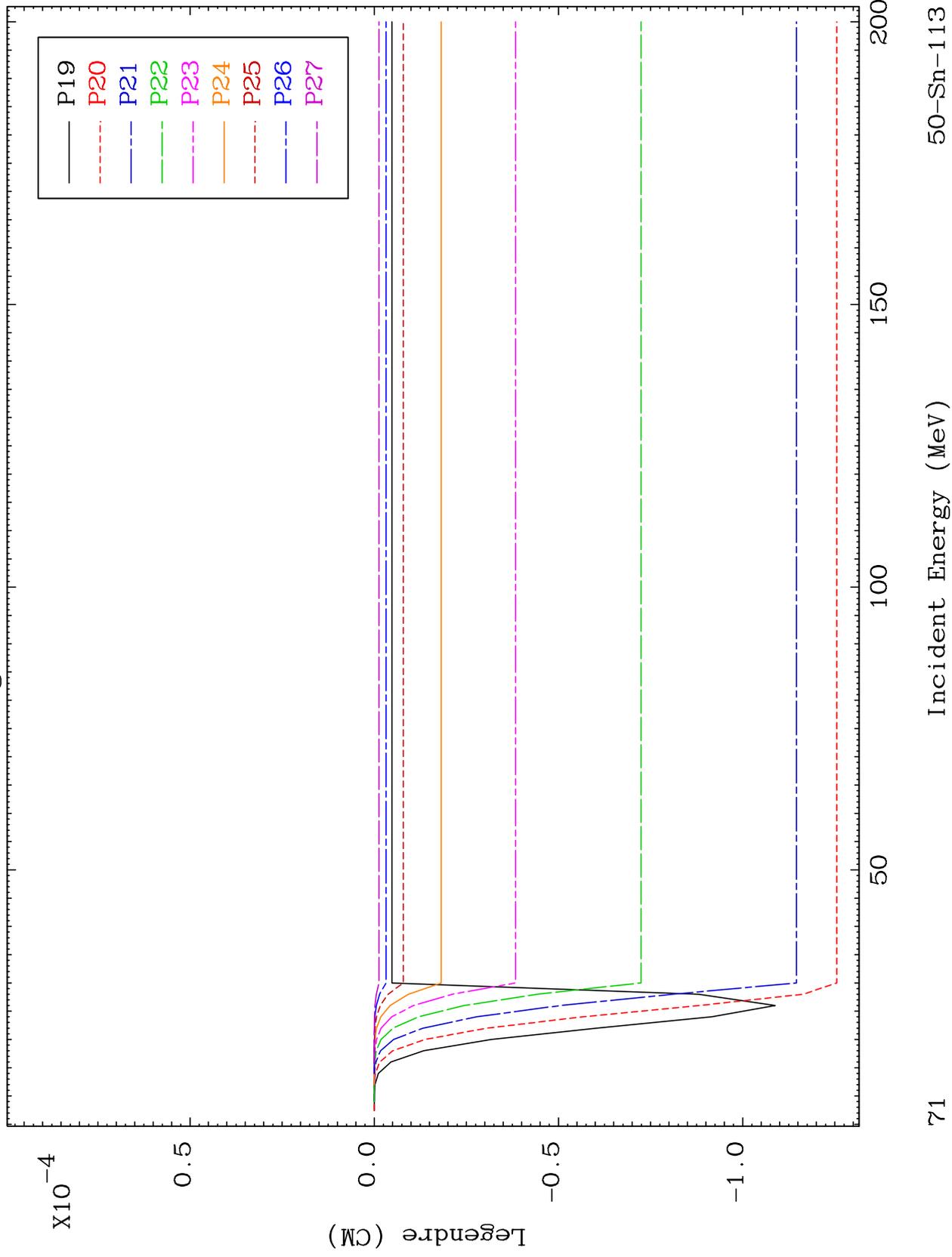
50-Sn-113



MAT 5028

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

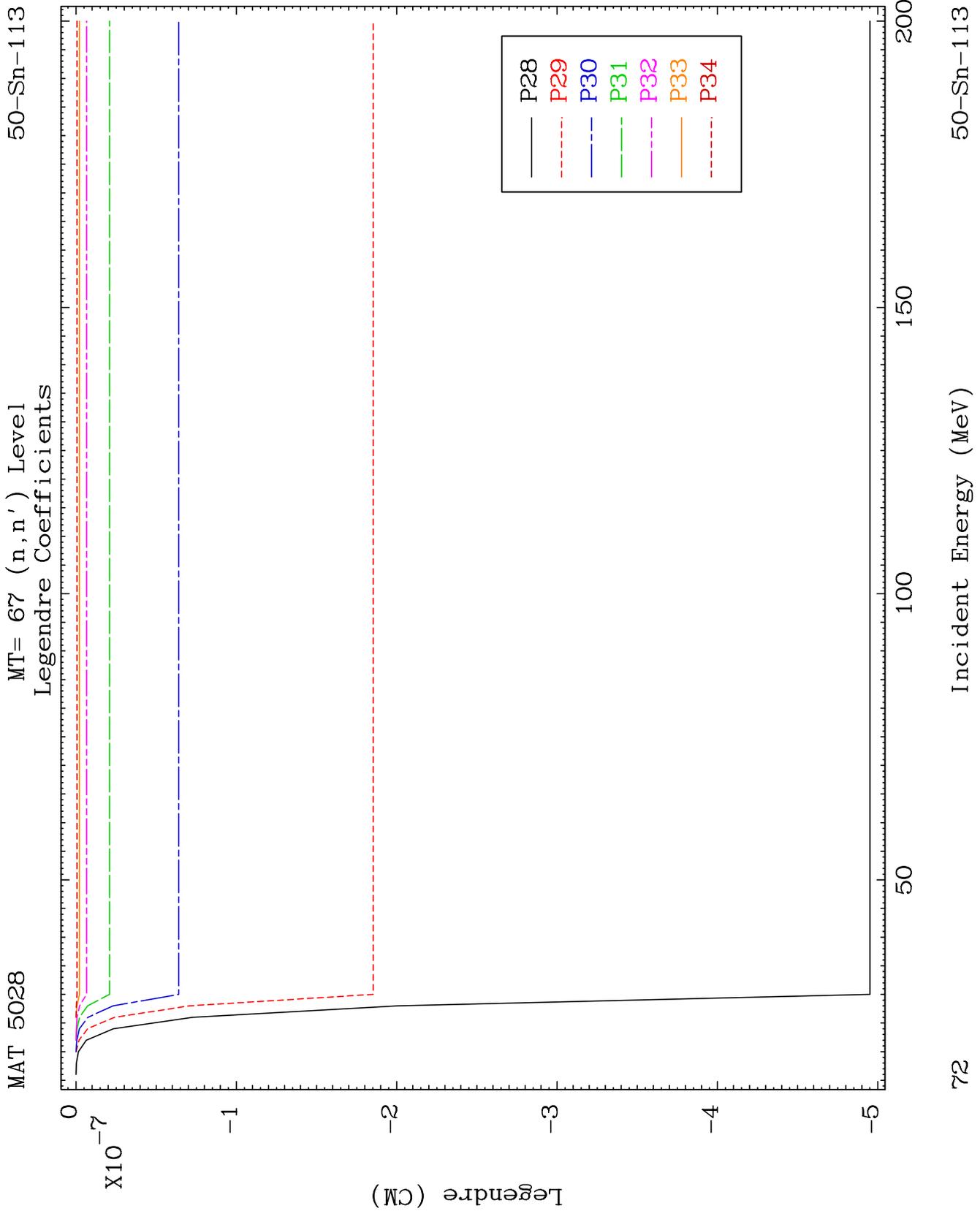
50-Sn-113



71

Incident Energy (MeV)

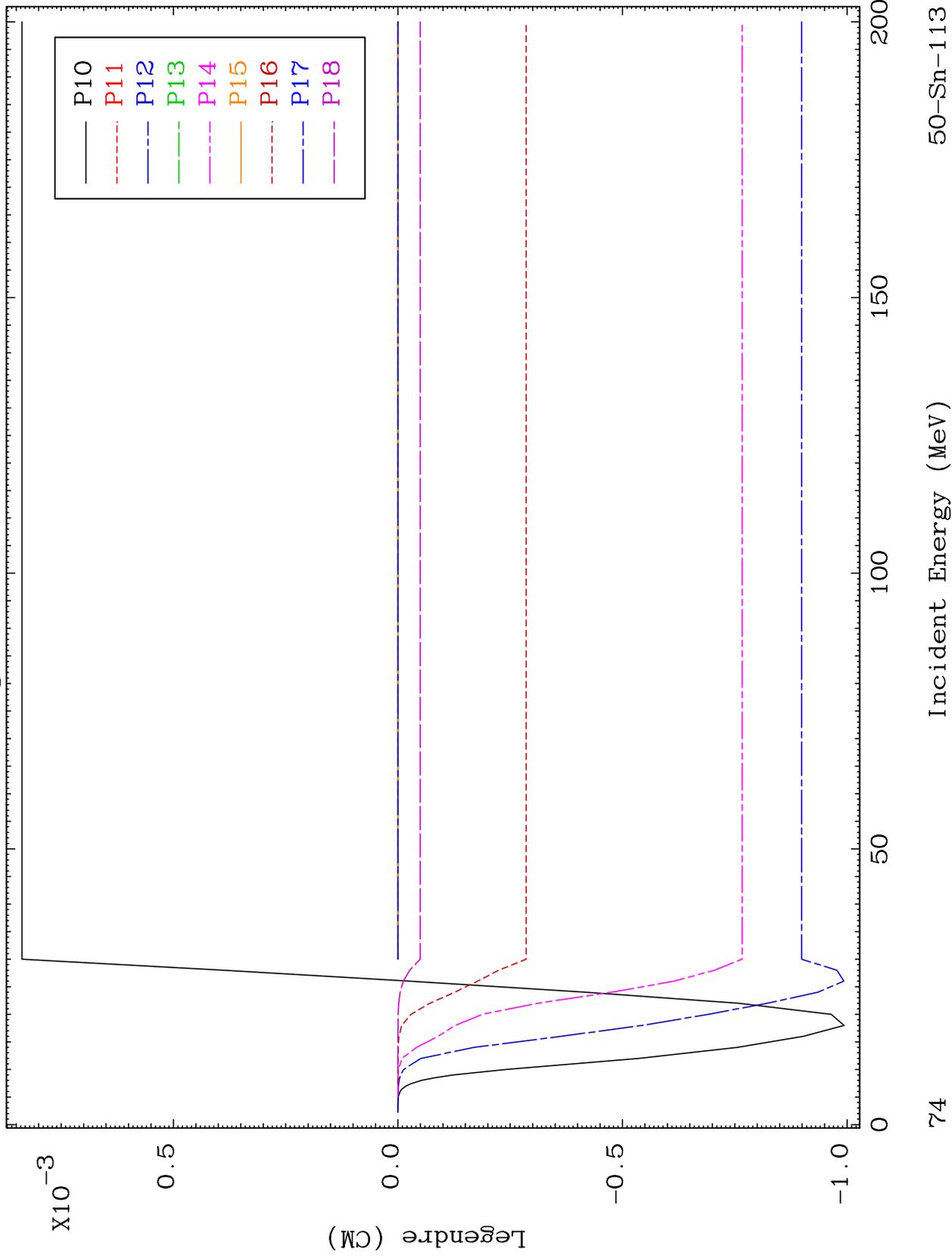
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MAT 5028

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

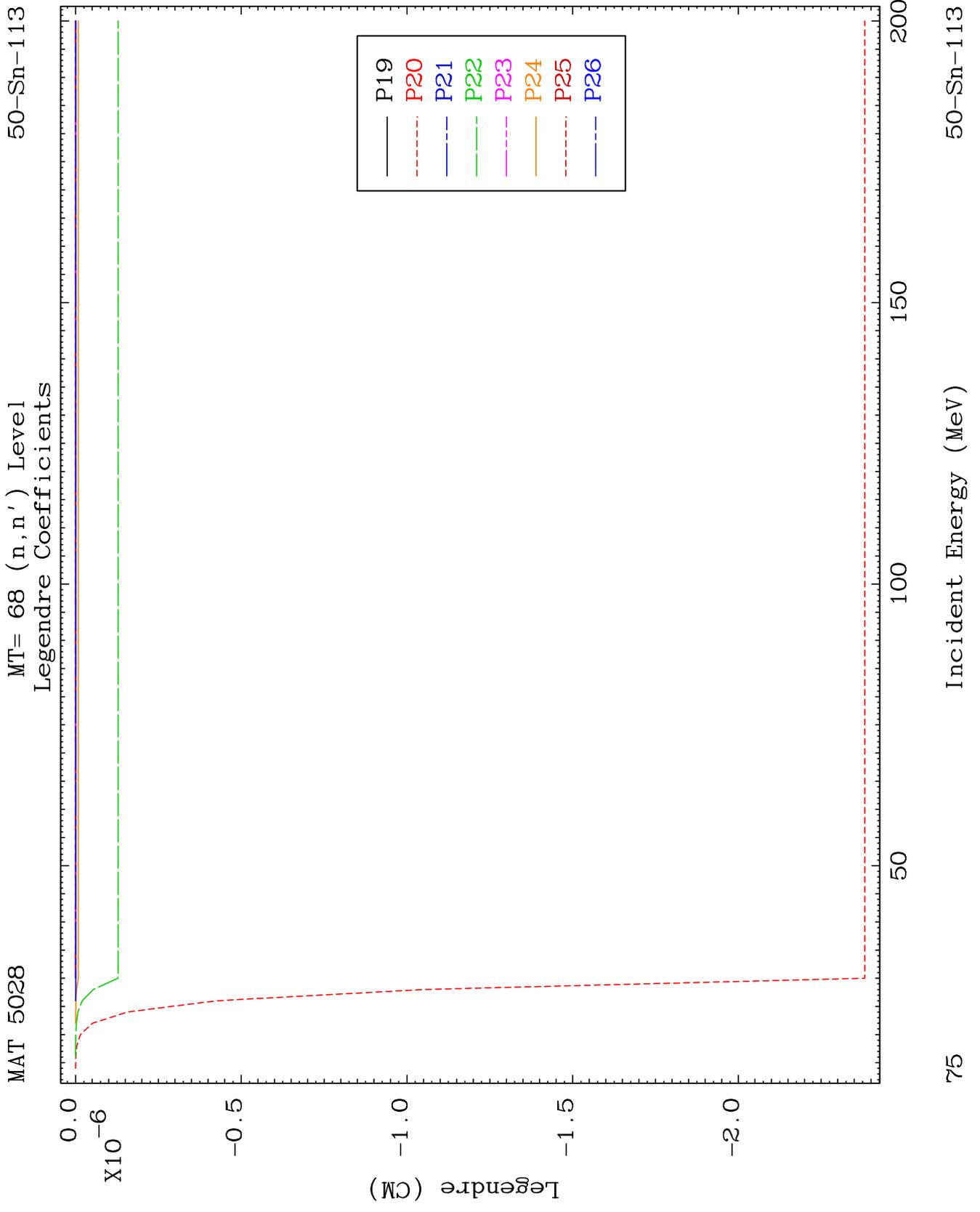
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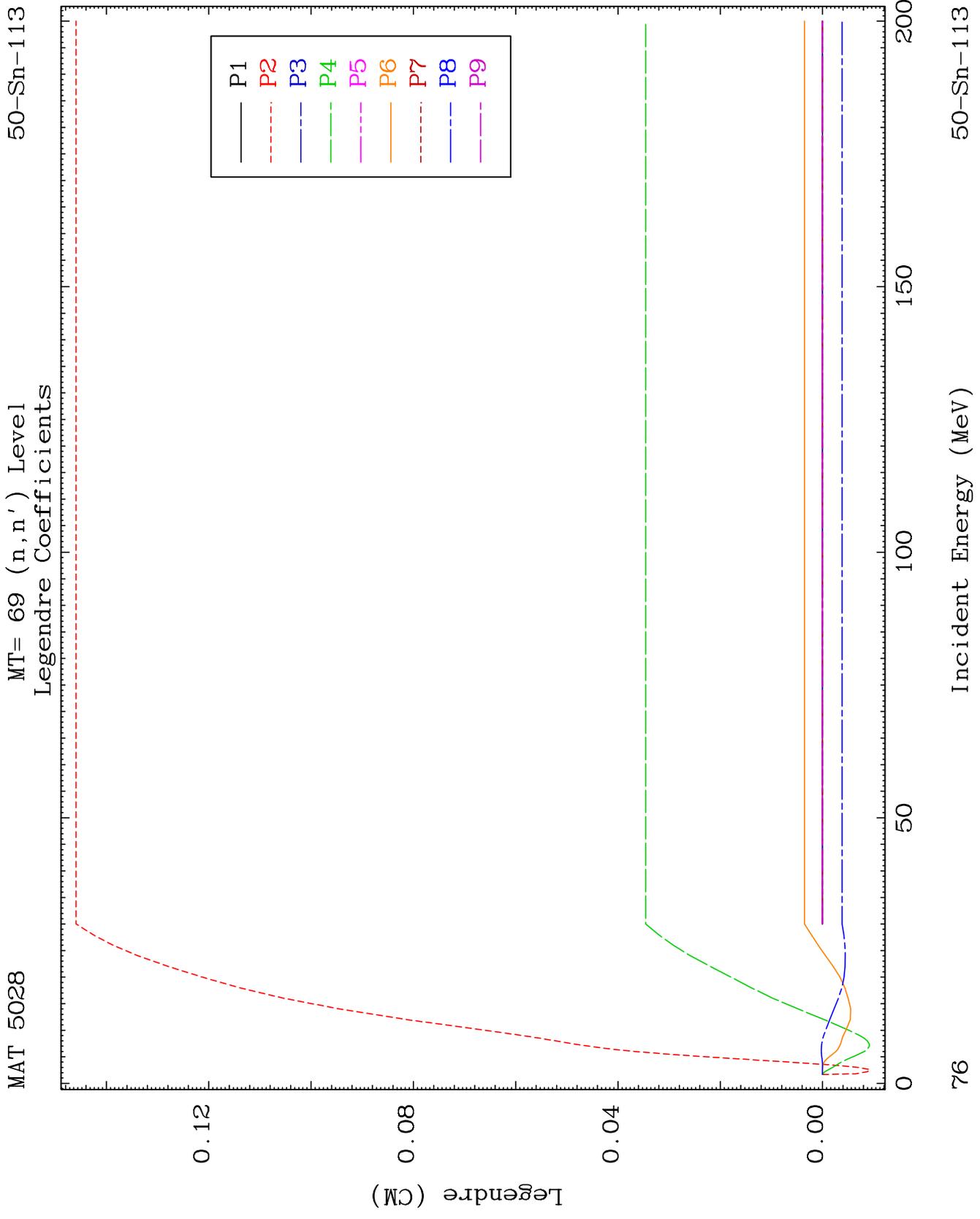


74

Incident Energy (MeV)

50-Sn-113

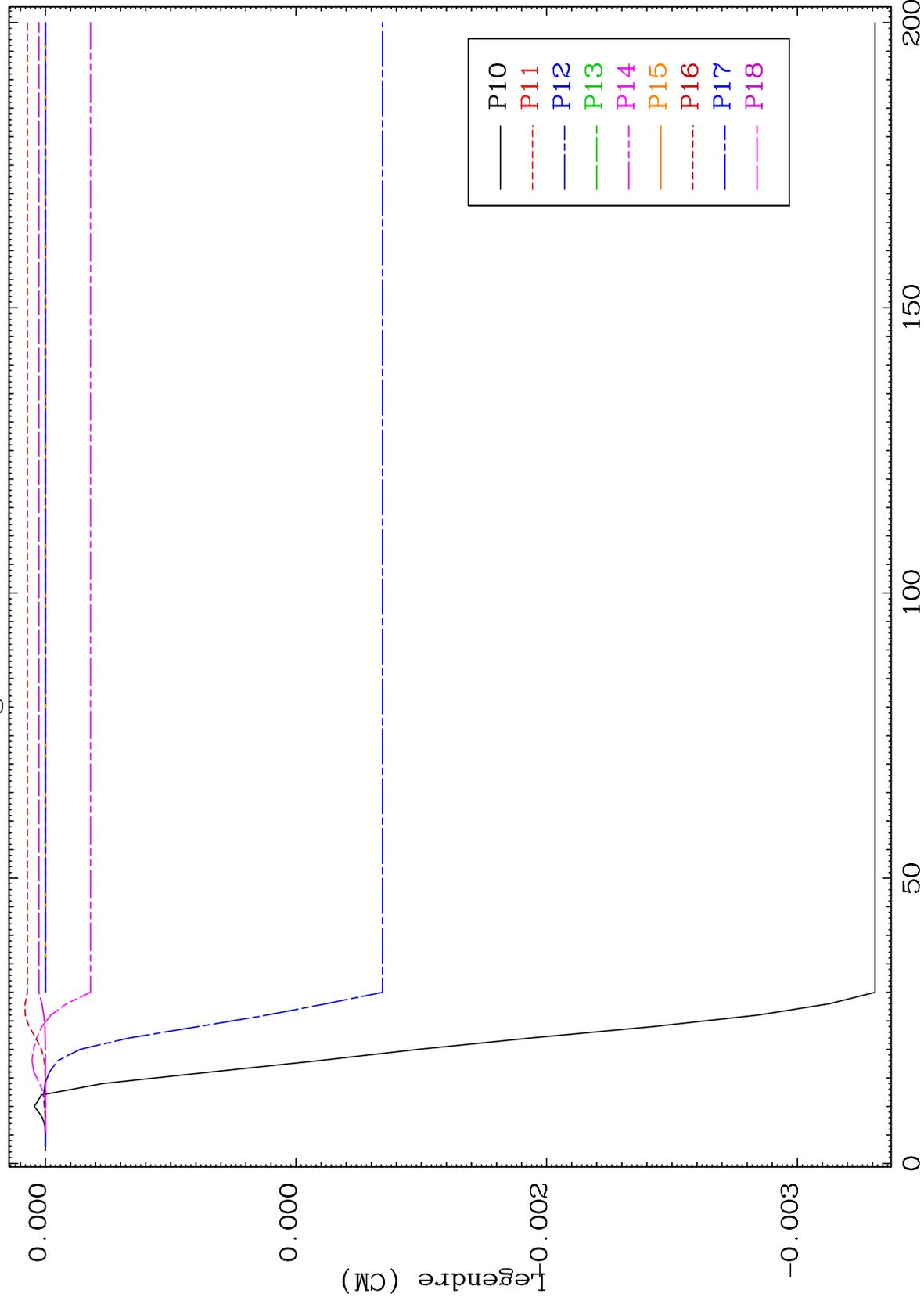




MAT 5028

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

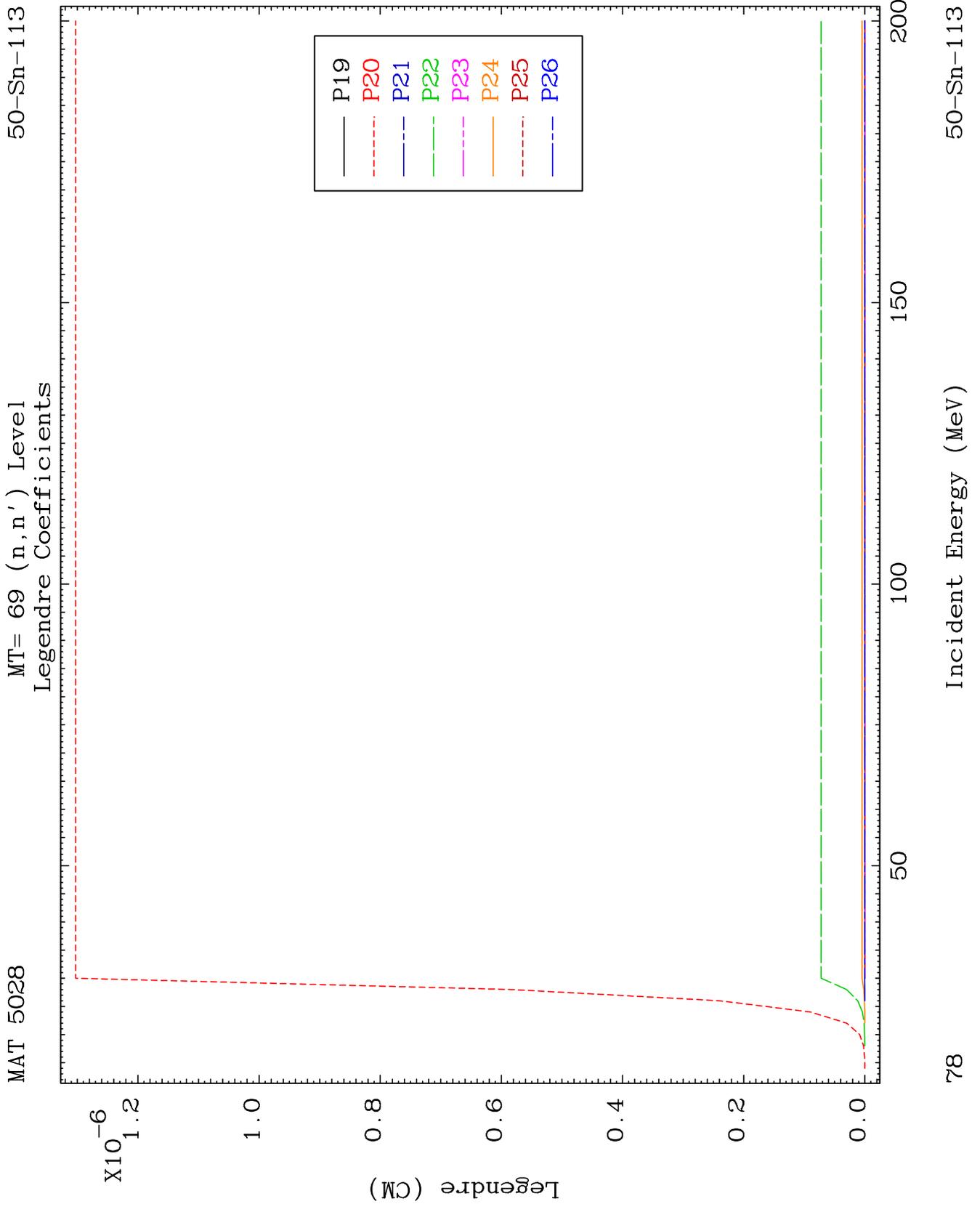
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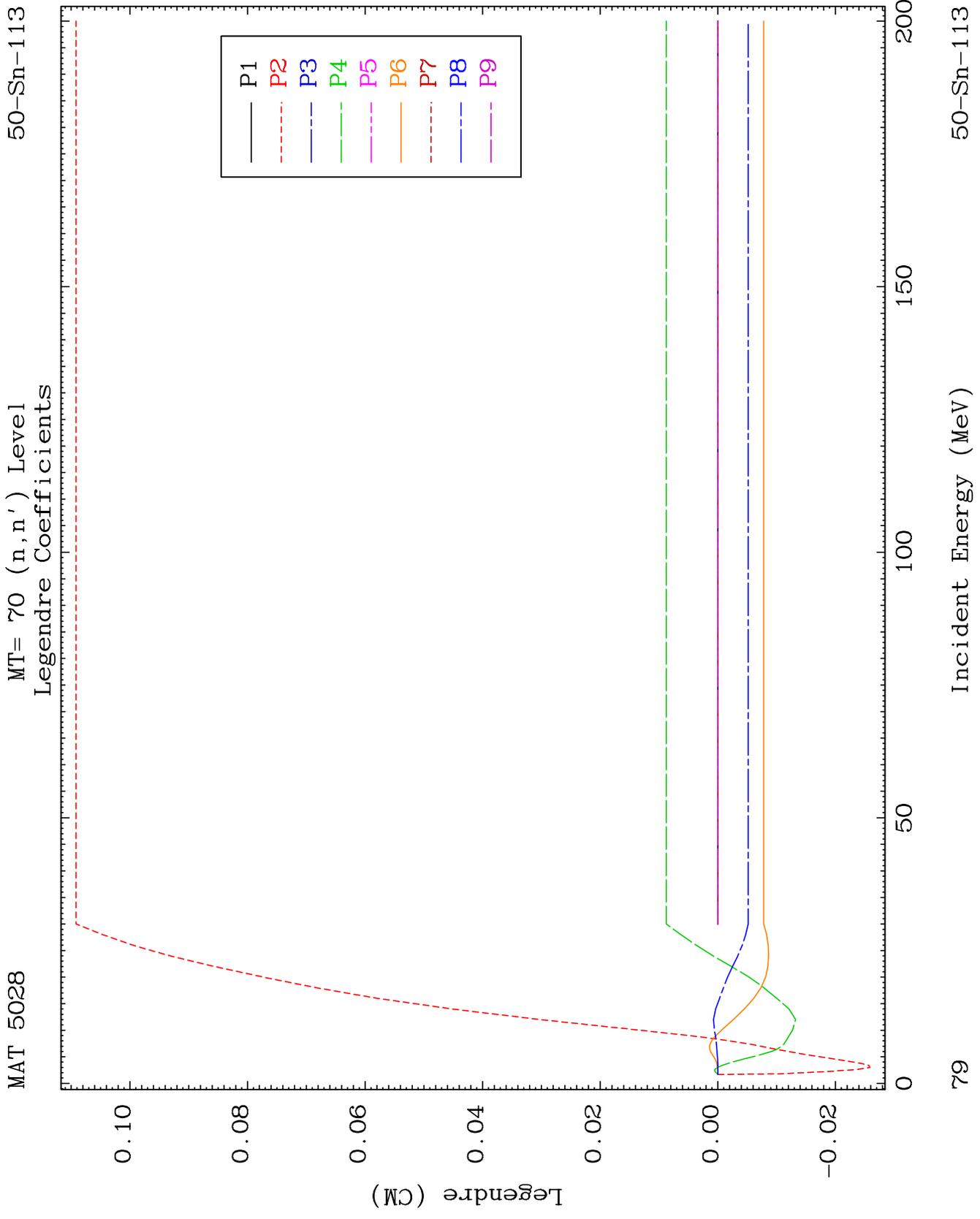


50-Sn-113

Incident Energy (MeV)

77





50-Sn-113

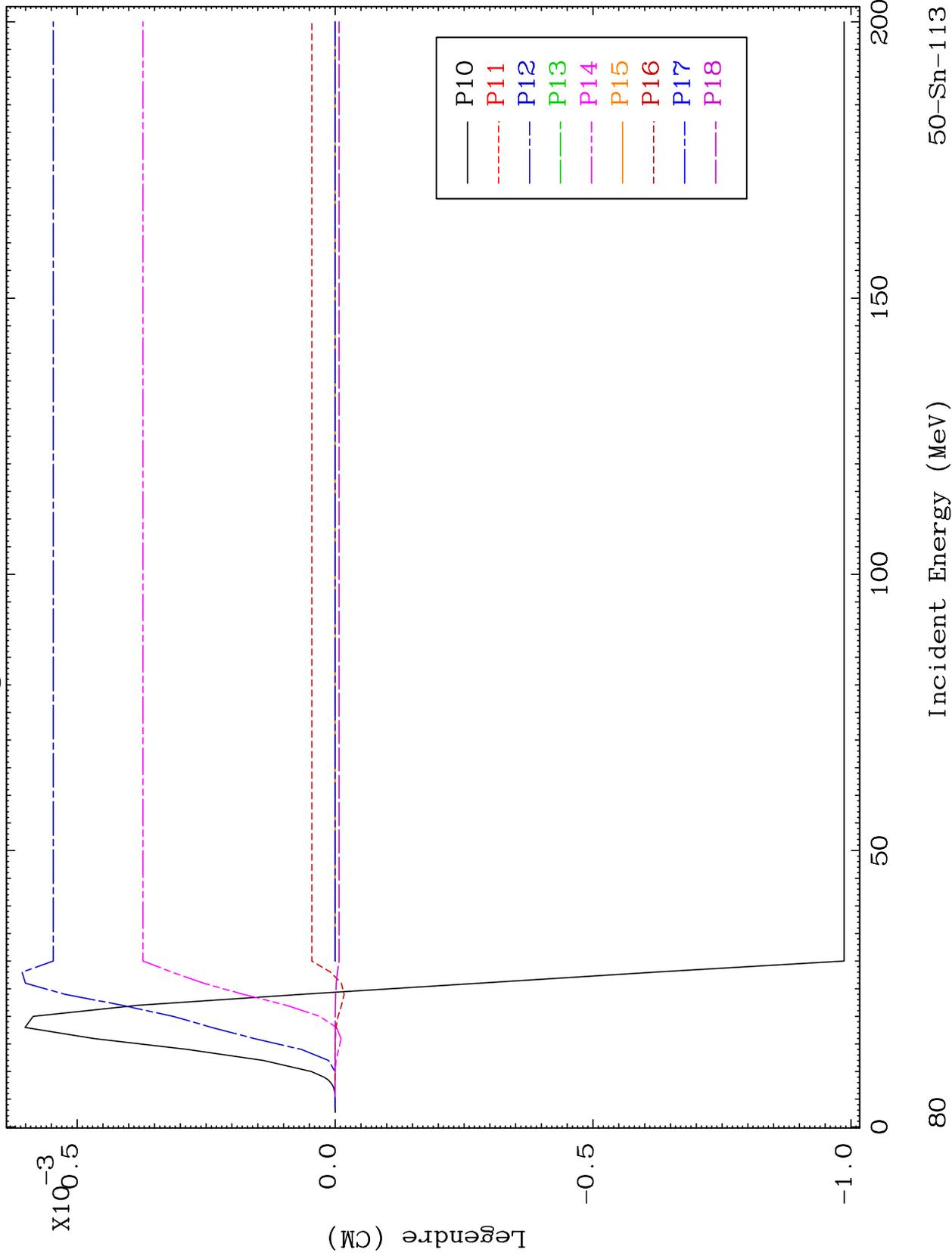
Incident Energy (MeV)

79

MAT 5028

MT= 70 (n,n') Level
Legendre Coefficients

50-Sn-113



50-Sn-113

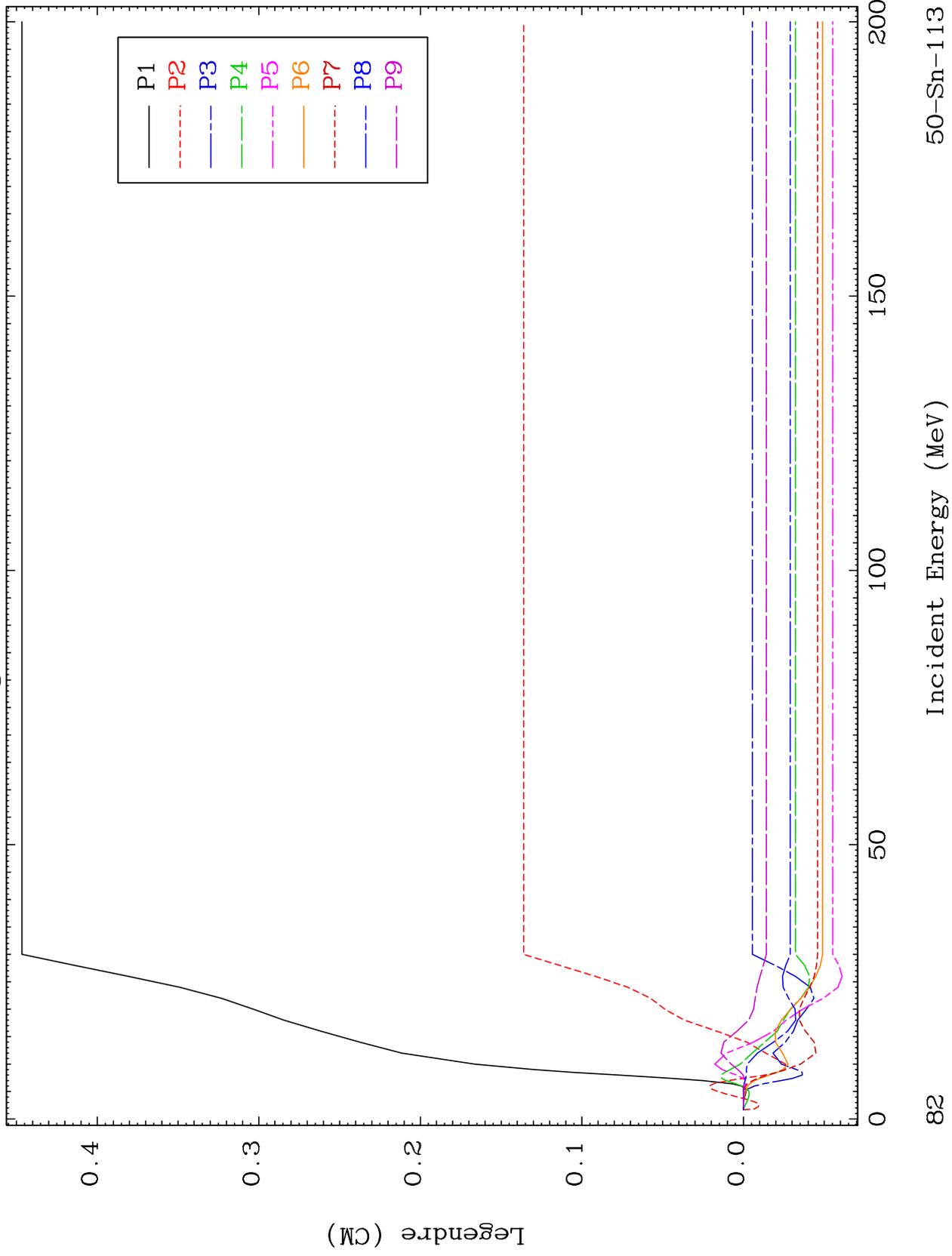
Incident Energy (MeV)

80

MAT 5028

MT= 71 (n,n') Level
Legendre Coefficients

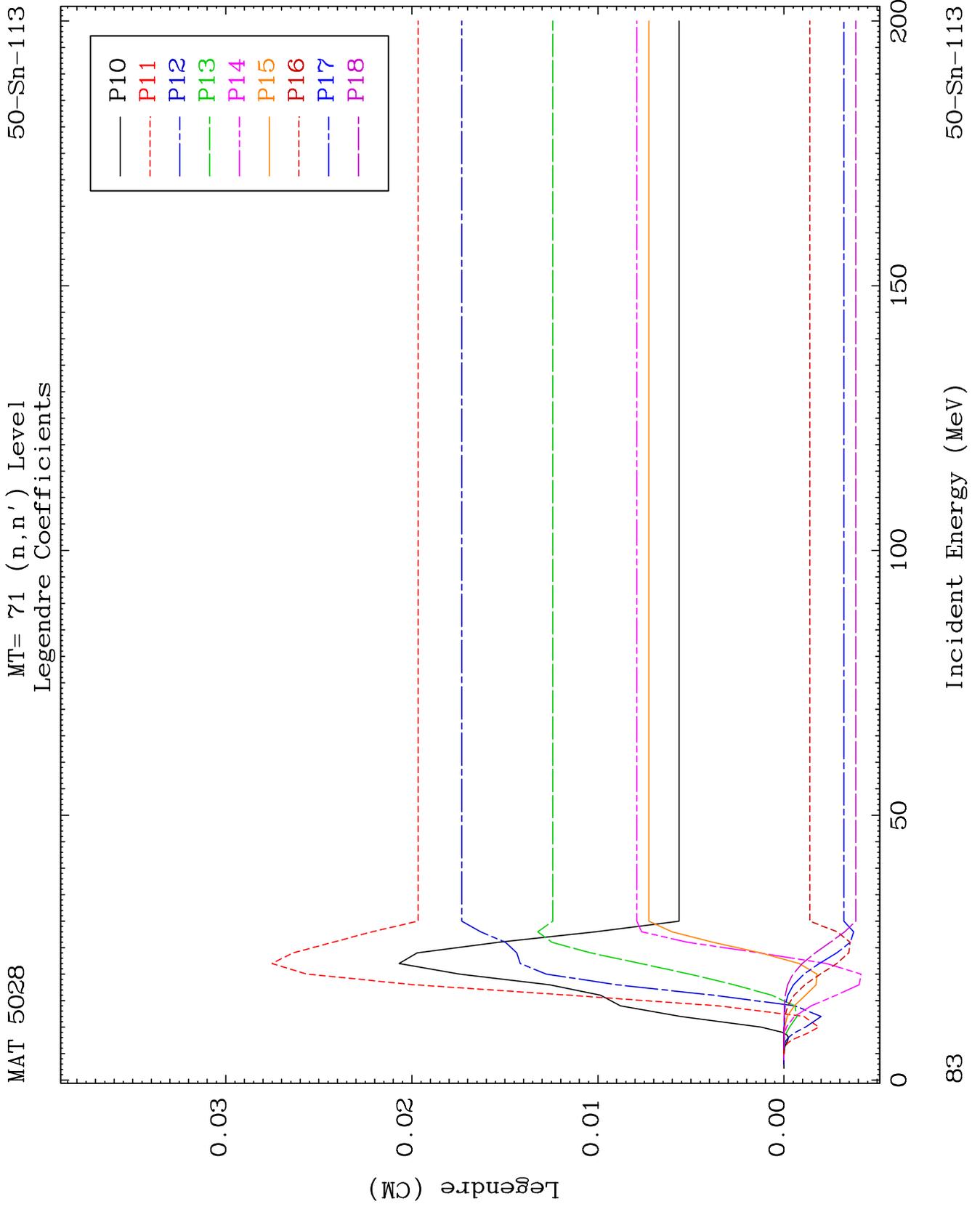
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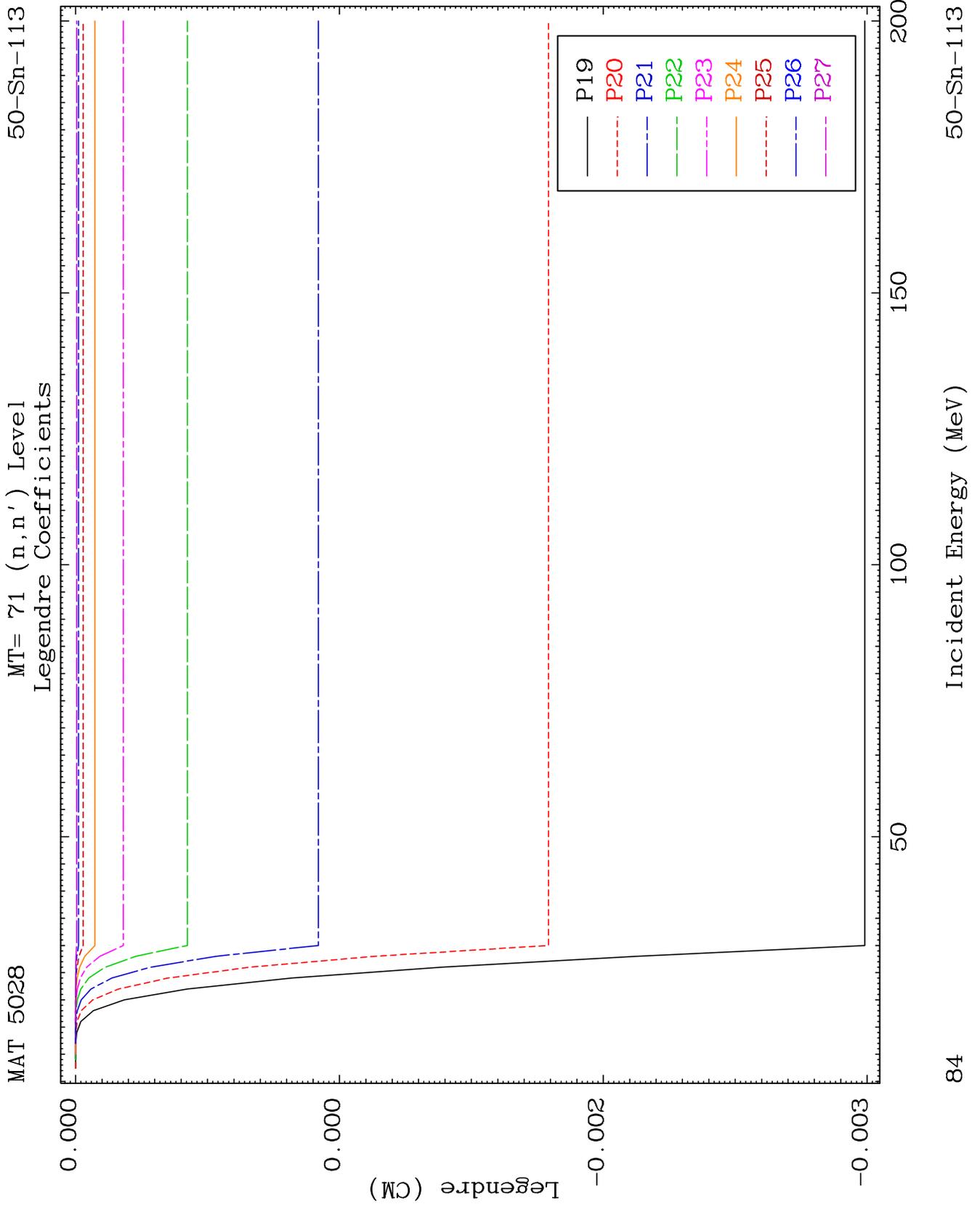


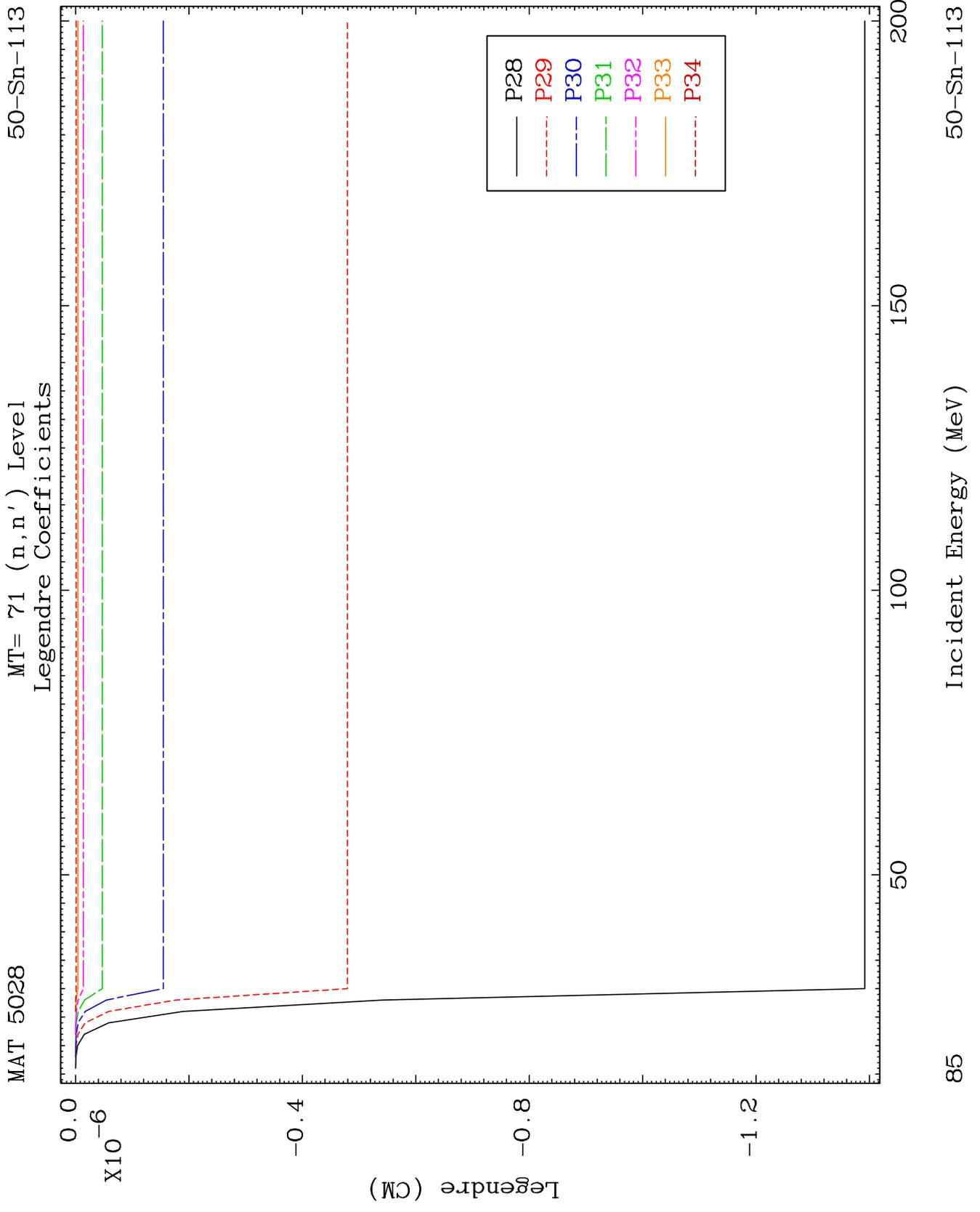
50-Sn-113

Incident Energy (MeV)

82



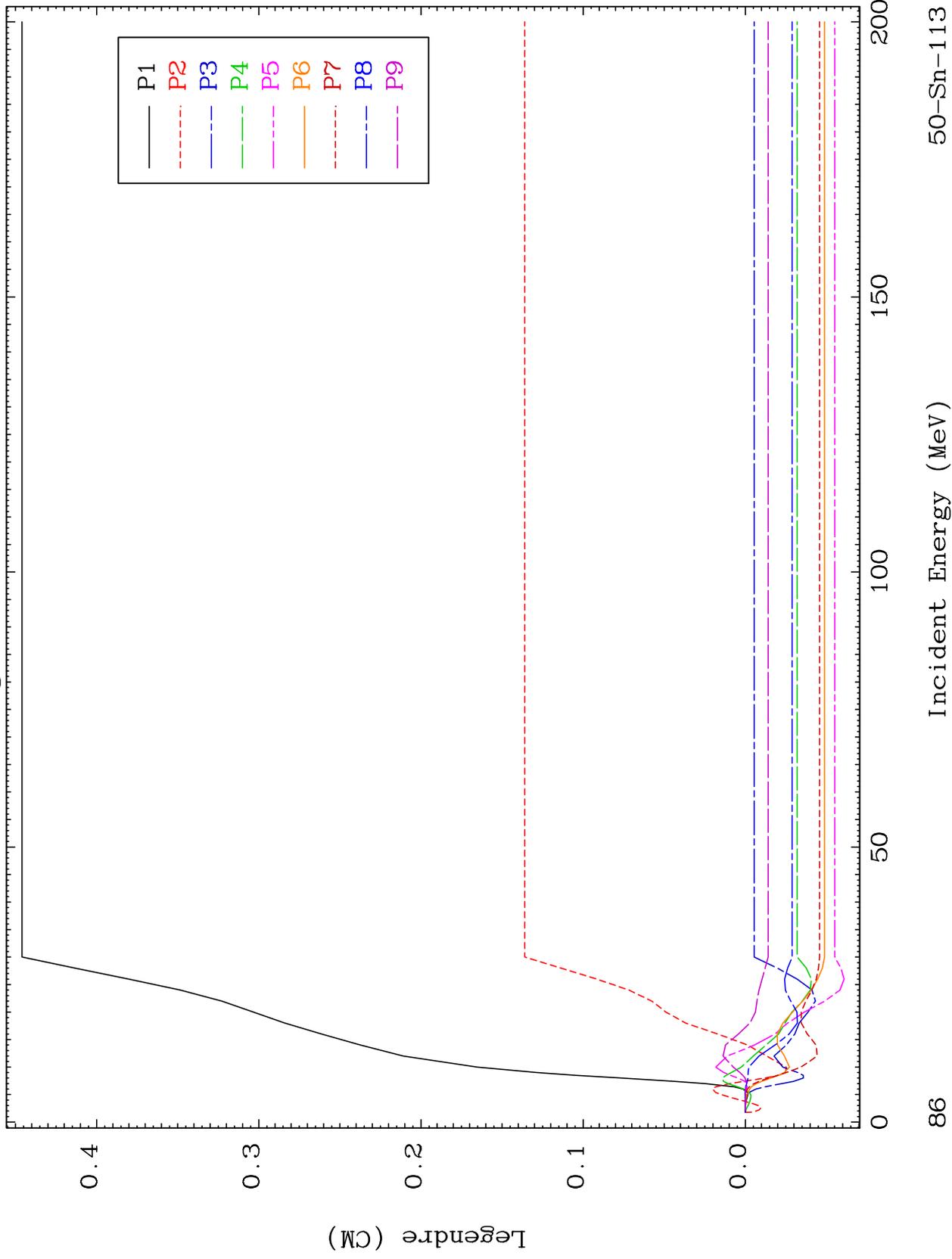




MAT 5028

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

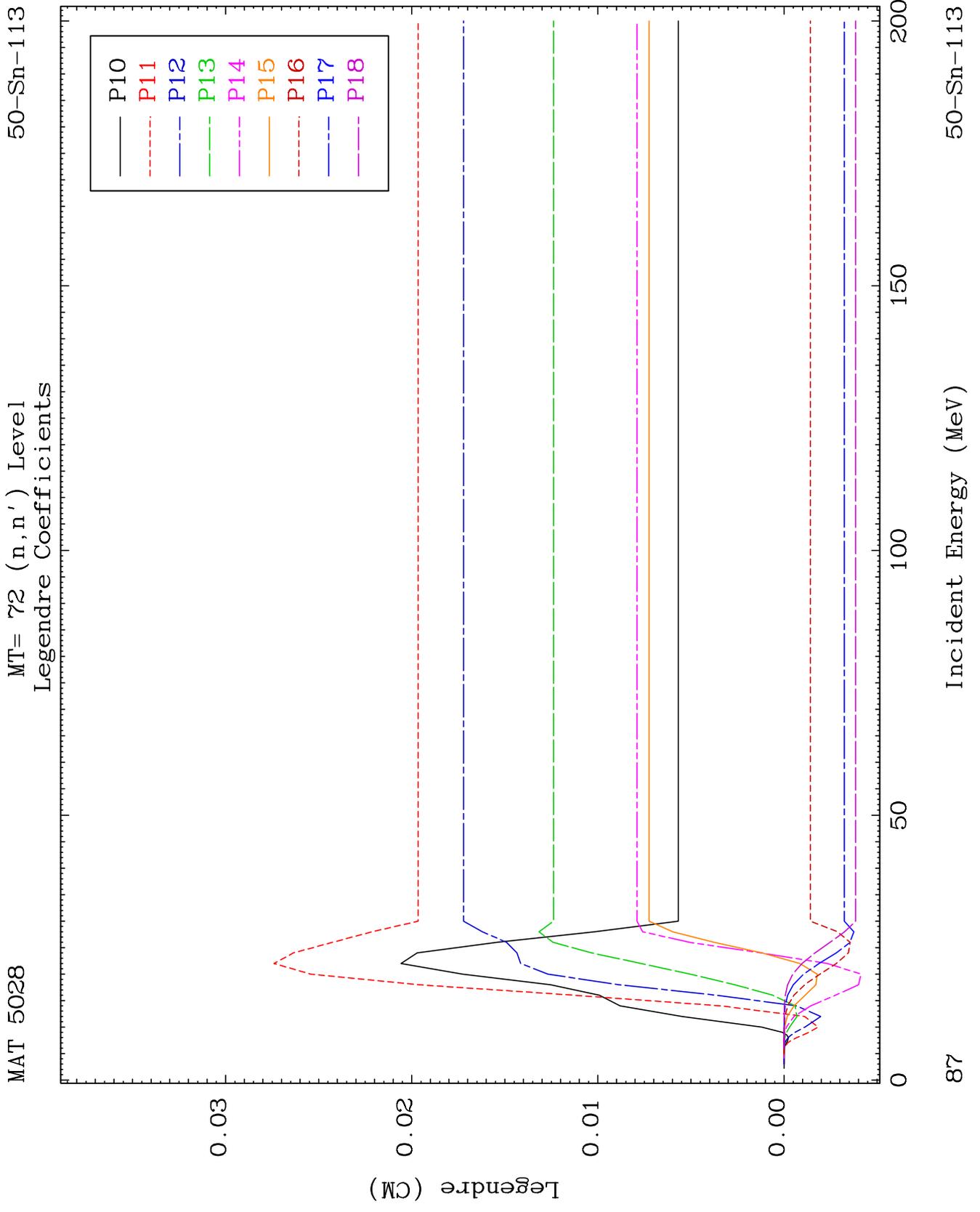
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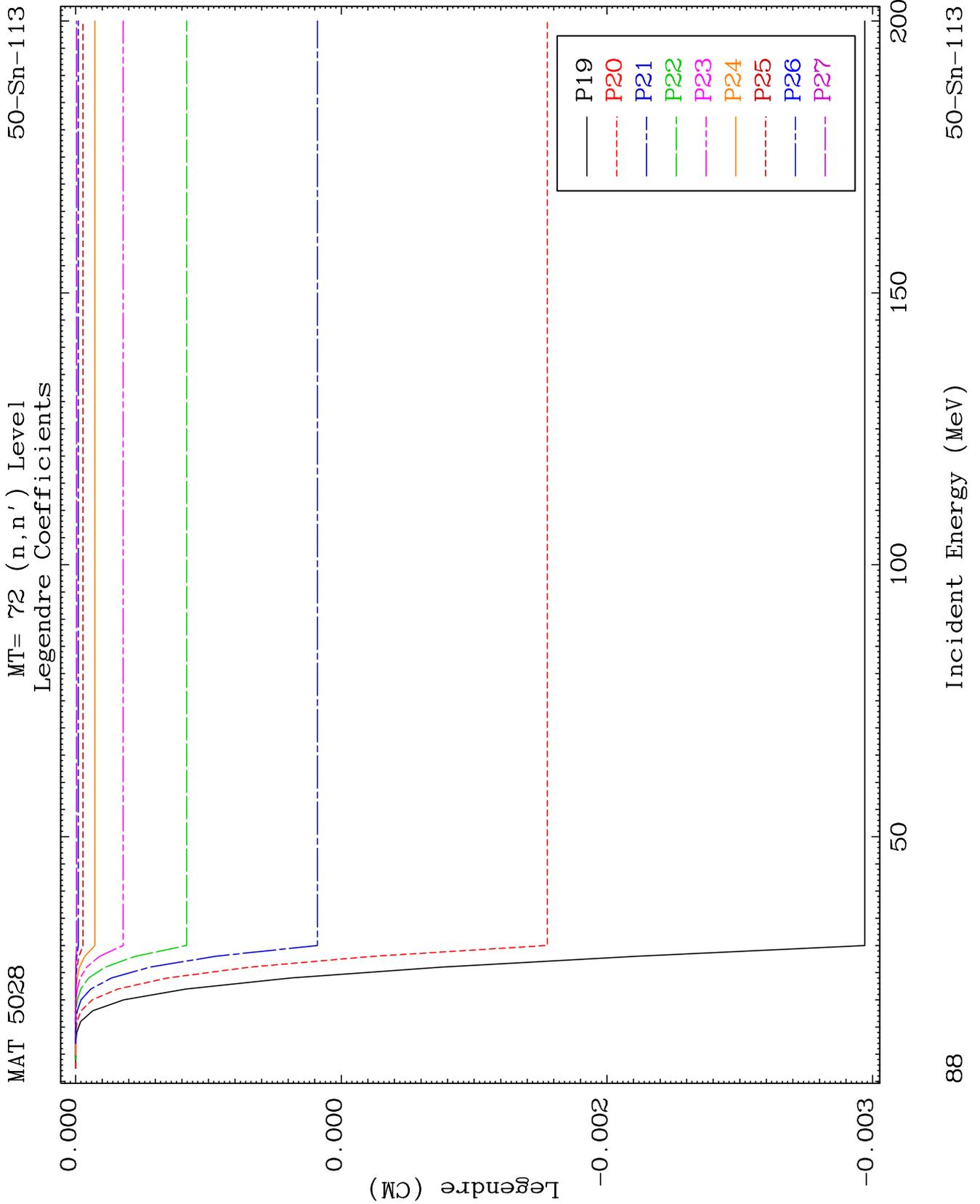


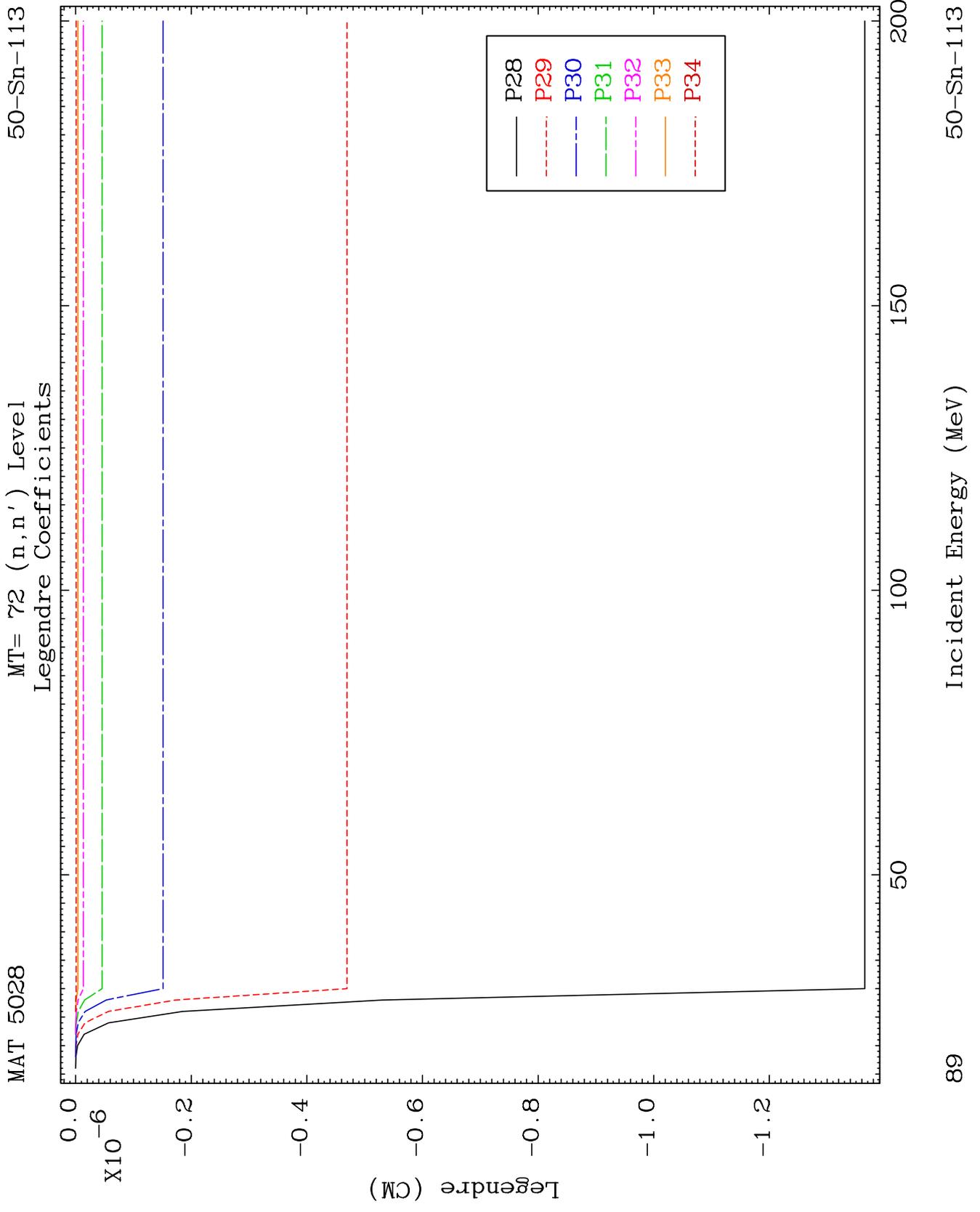
50-Sn-113

Incident Energy (MeV)

86



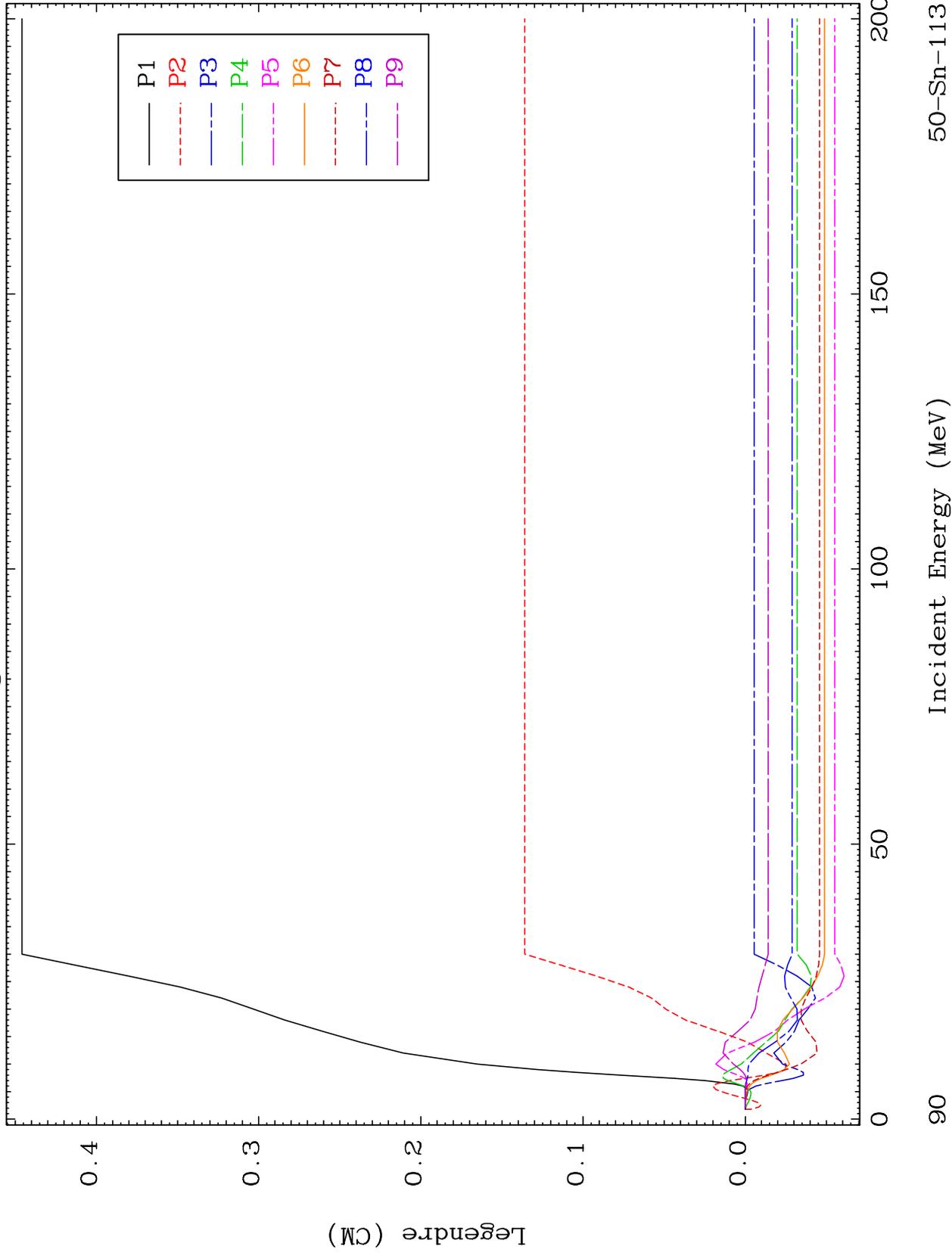




MAT 5028

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

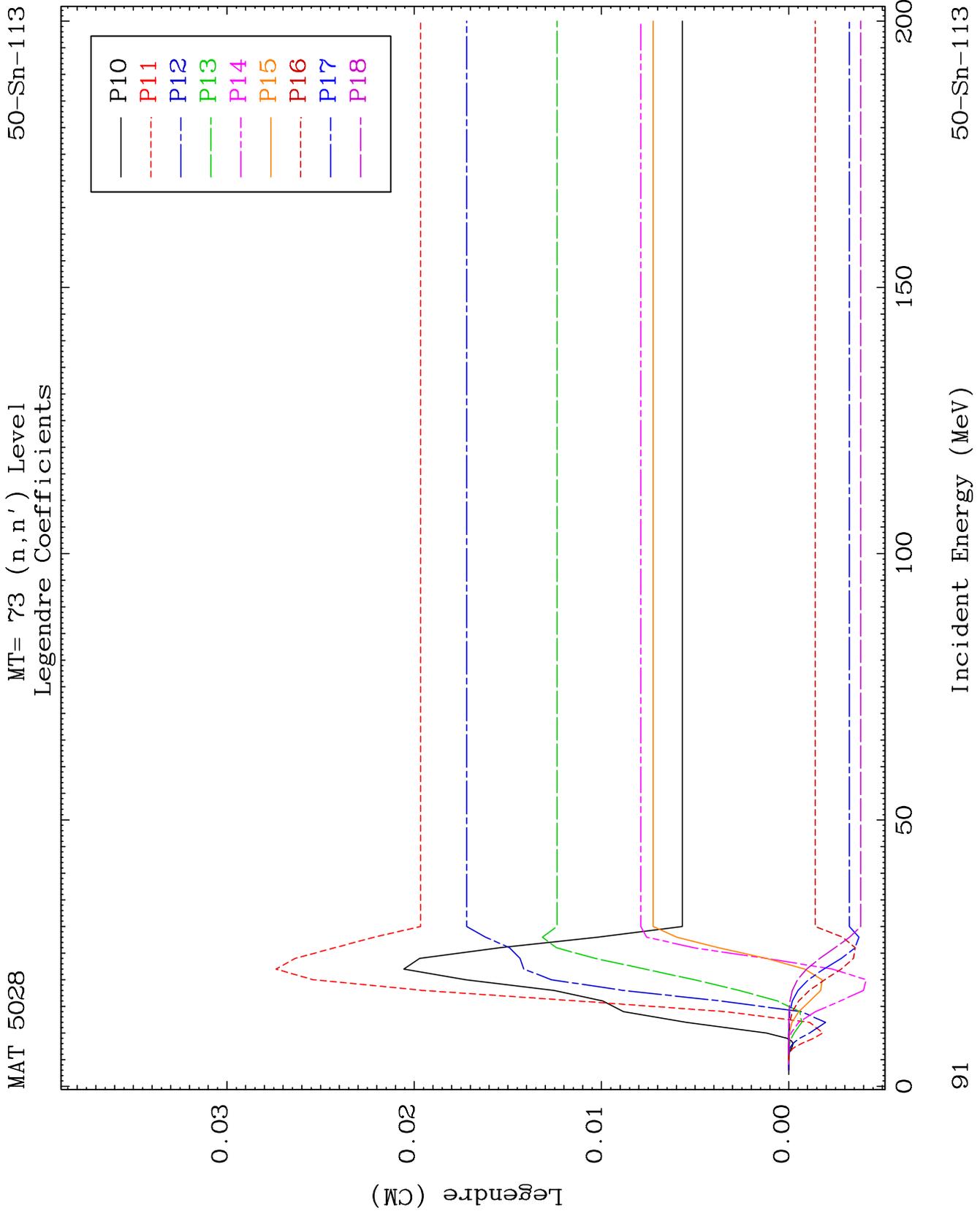
50-Sn-113

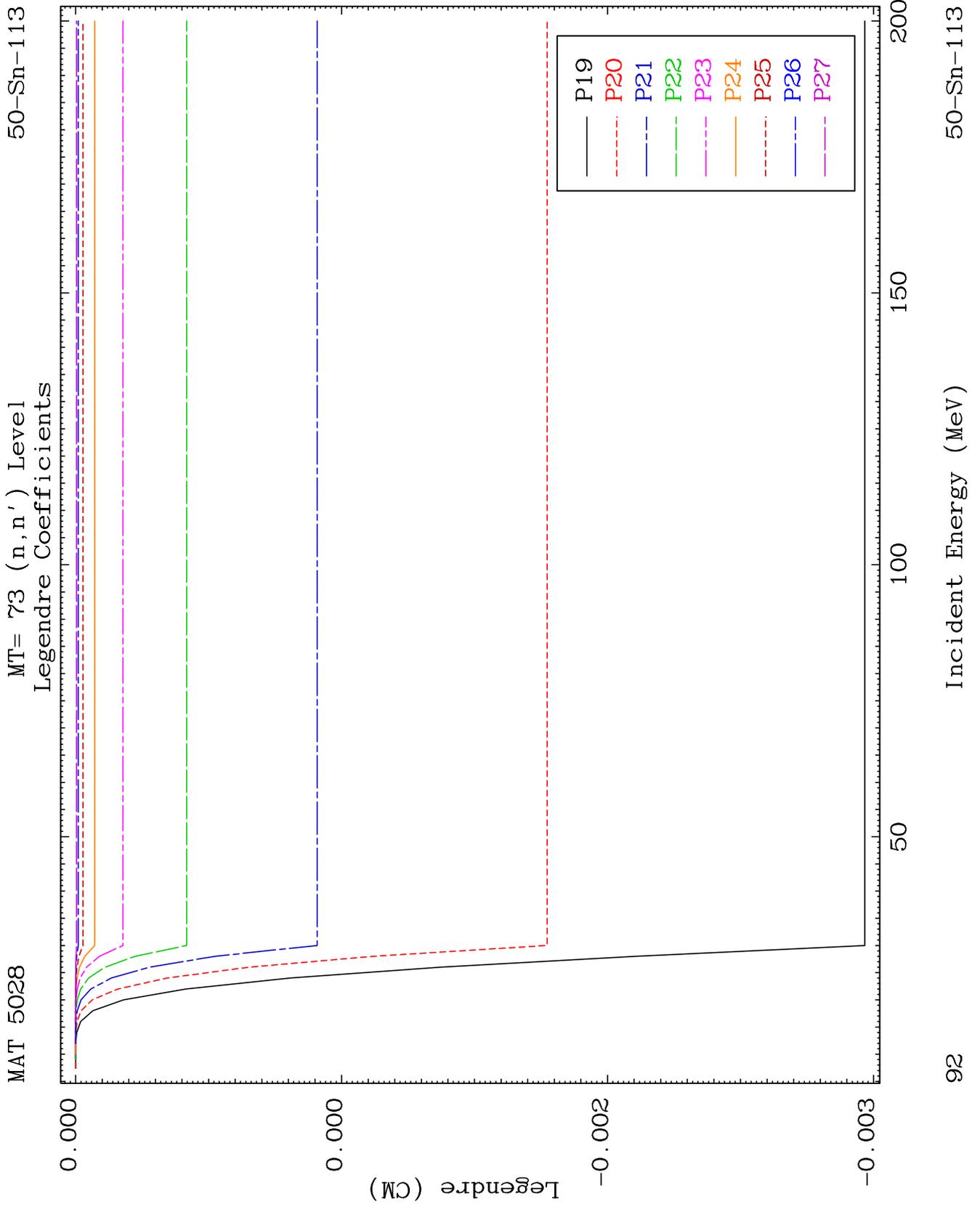


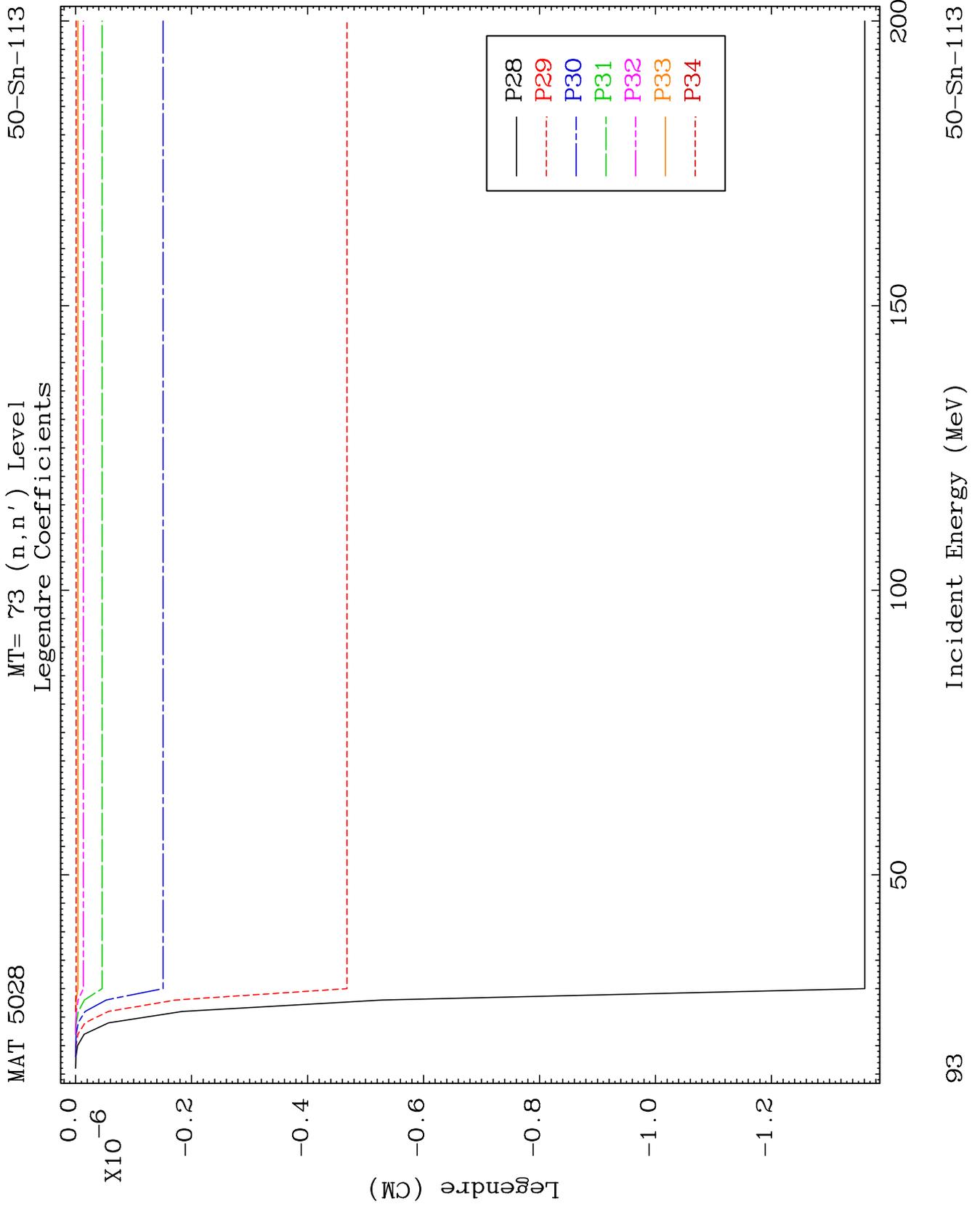
50-Sn-113

Incident Energy (MeV)

90



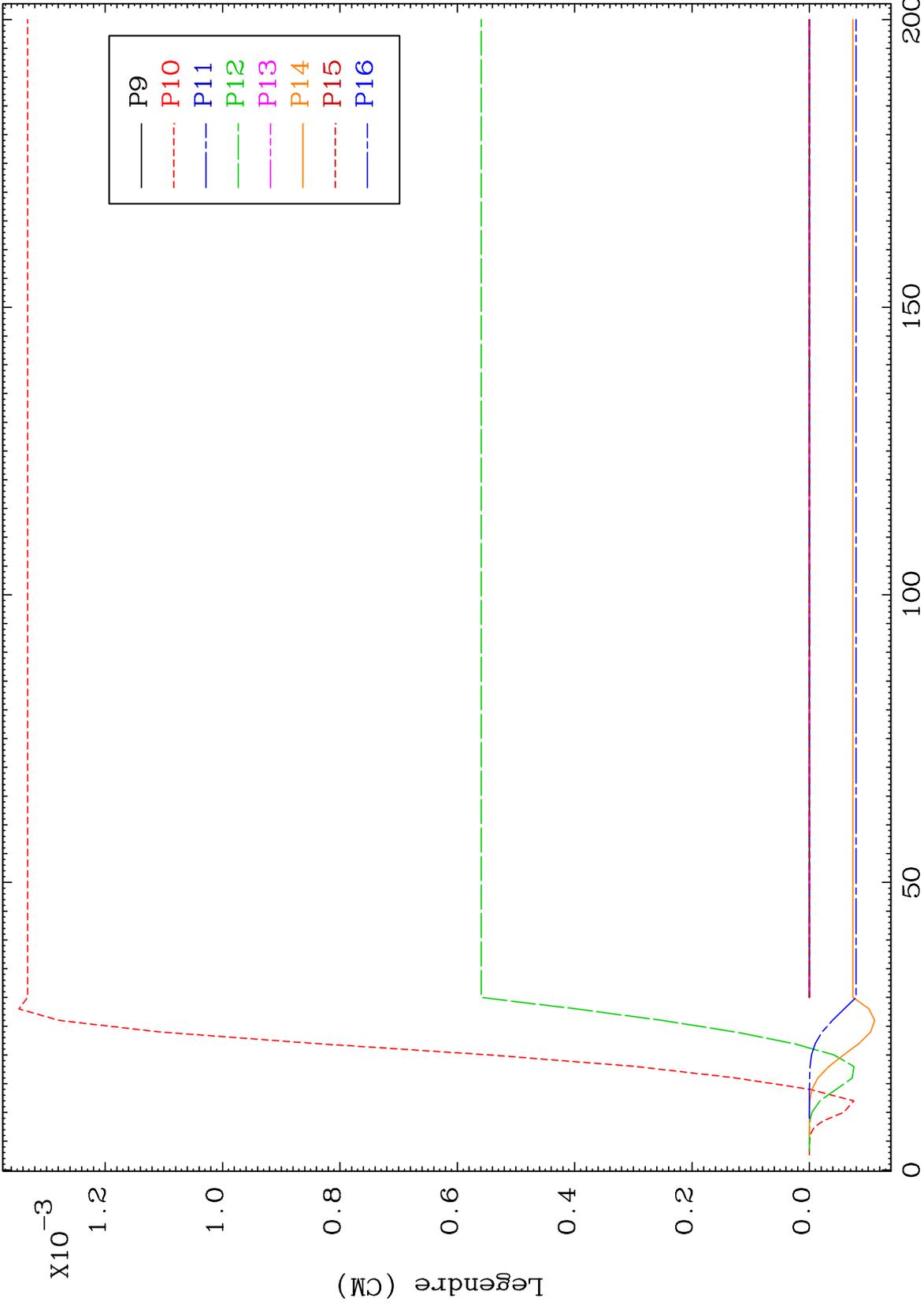




MAT 5028

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

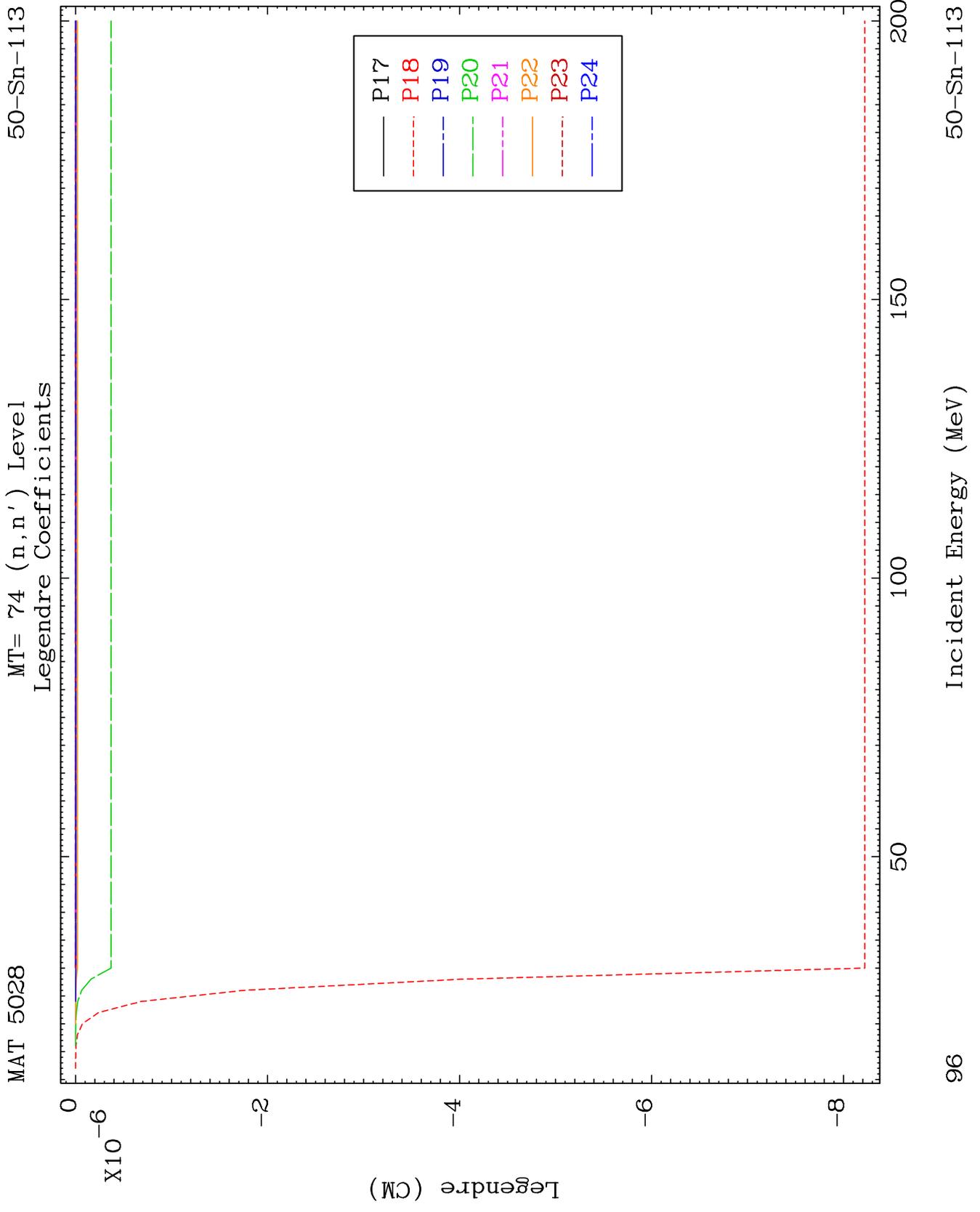
50-Sn-113



95

Incident Energy (MeV)

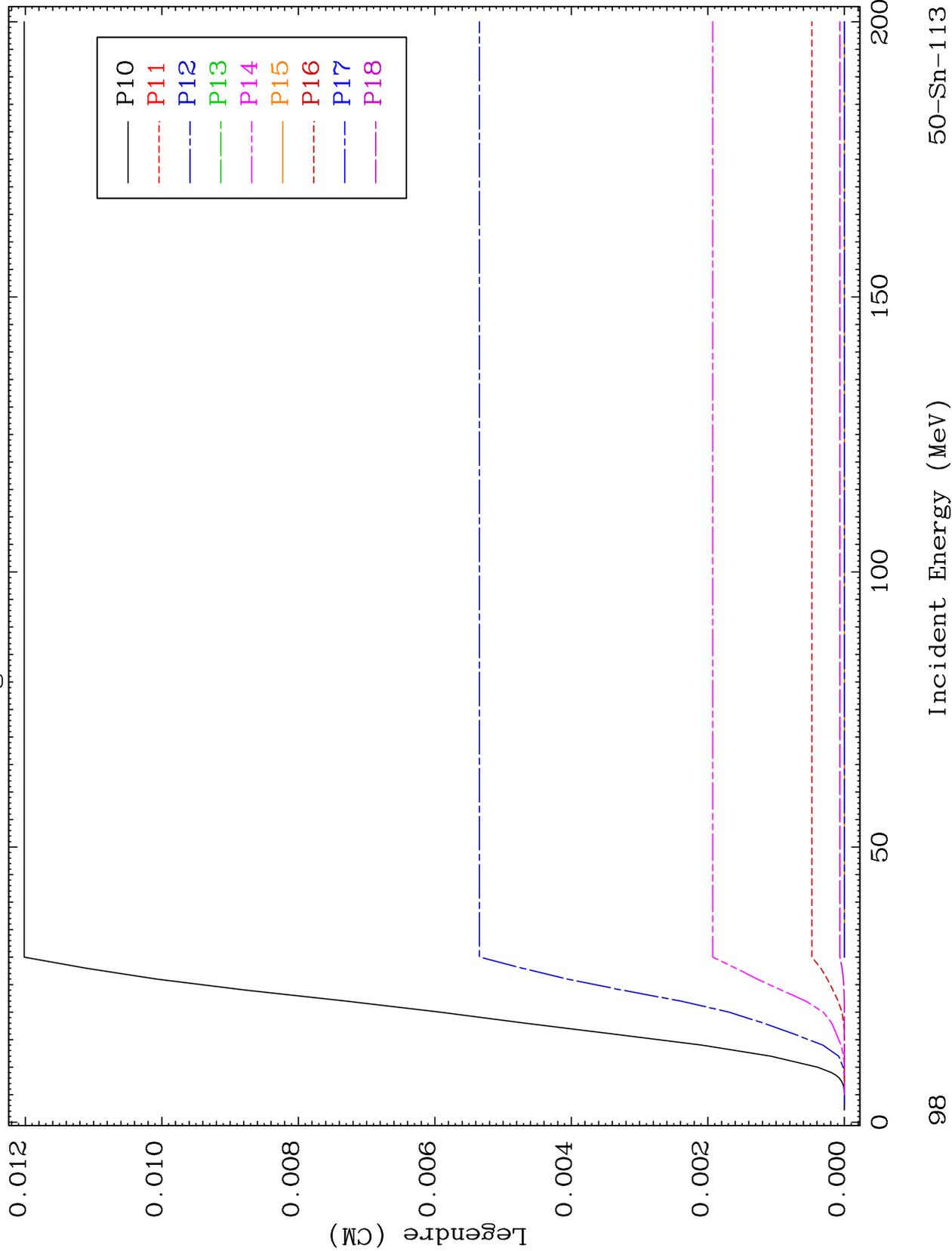
50-Sn-113

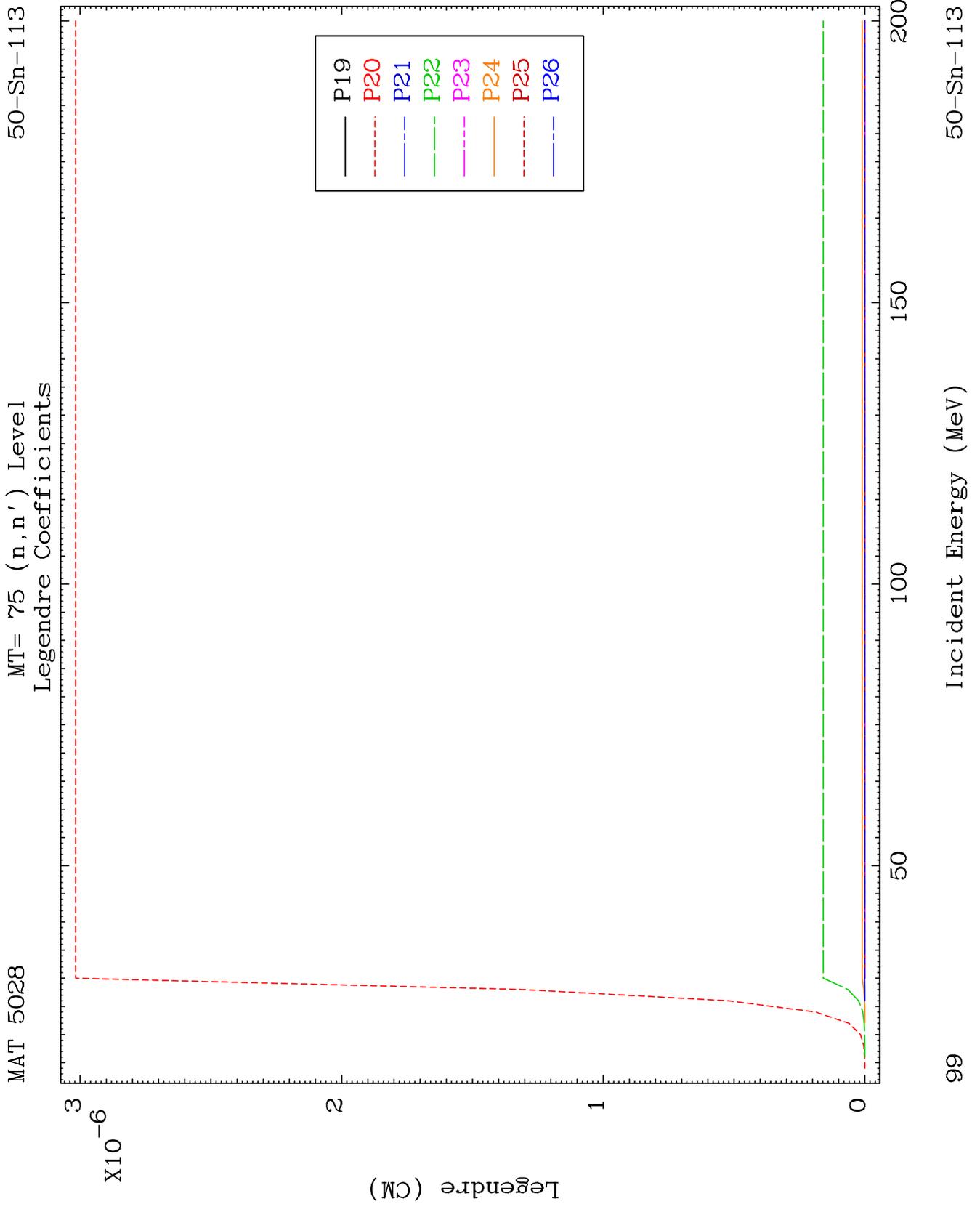


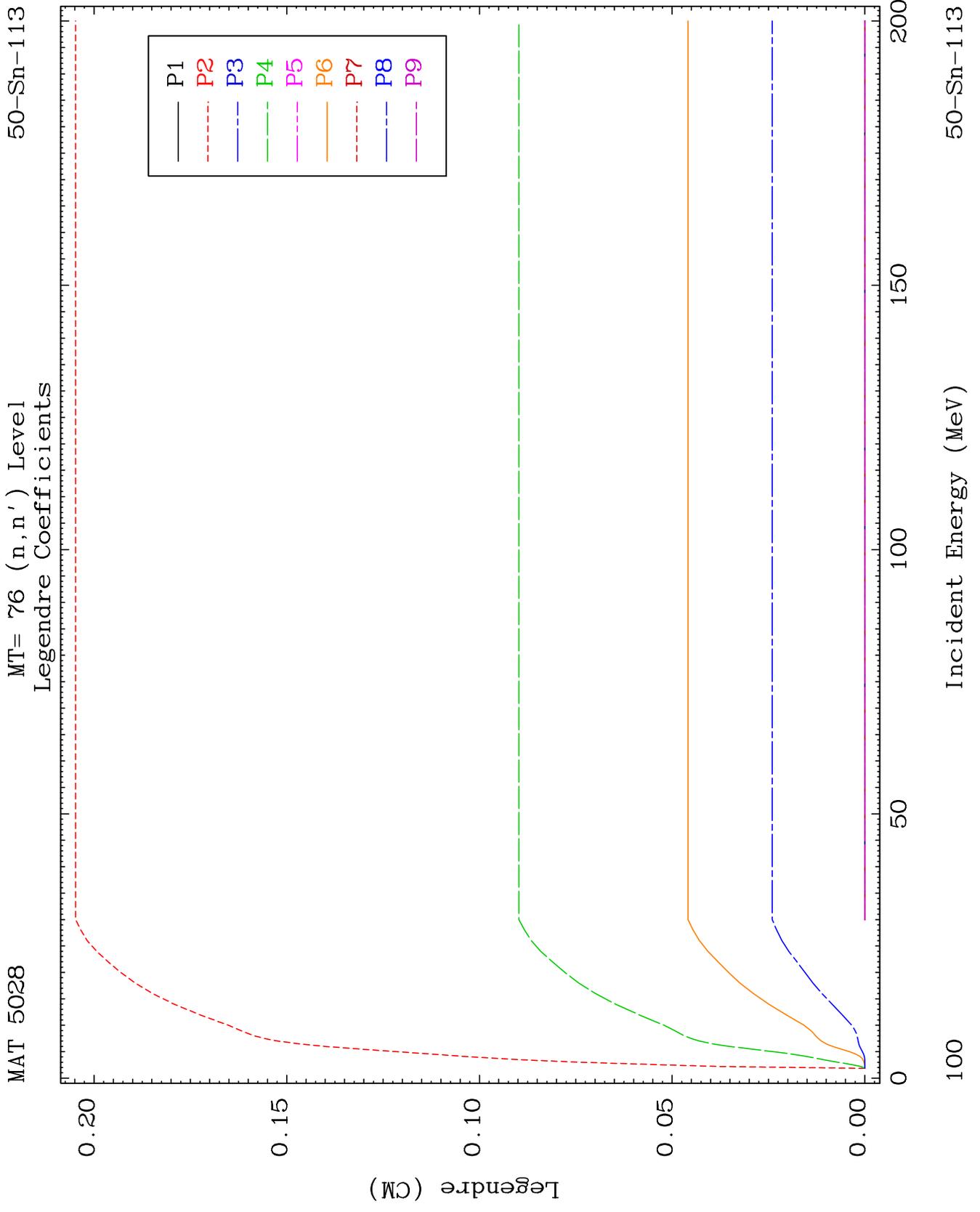
MAT 5028

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

50-Sn-113



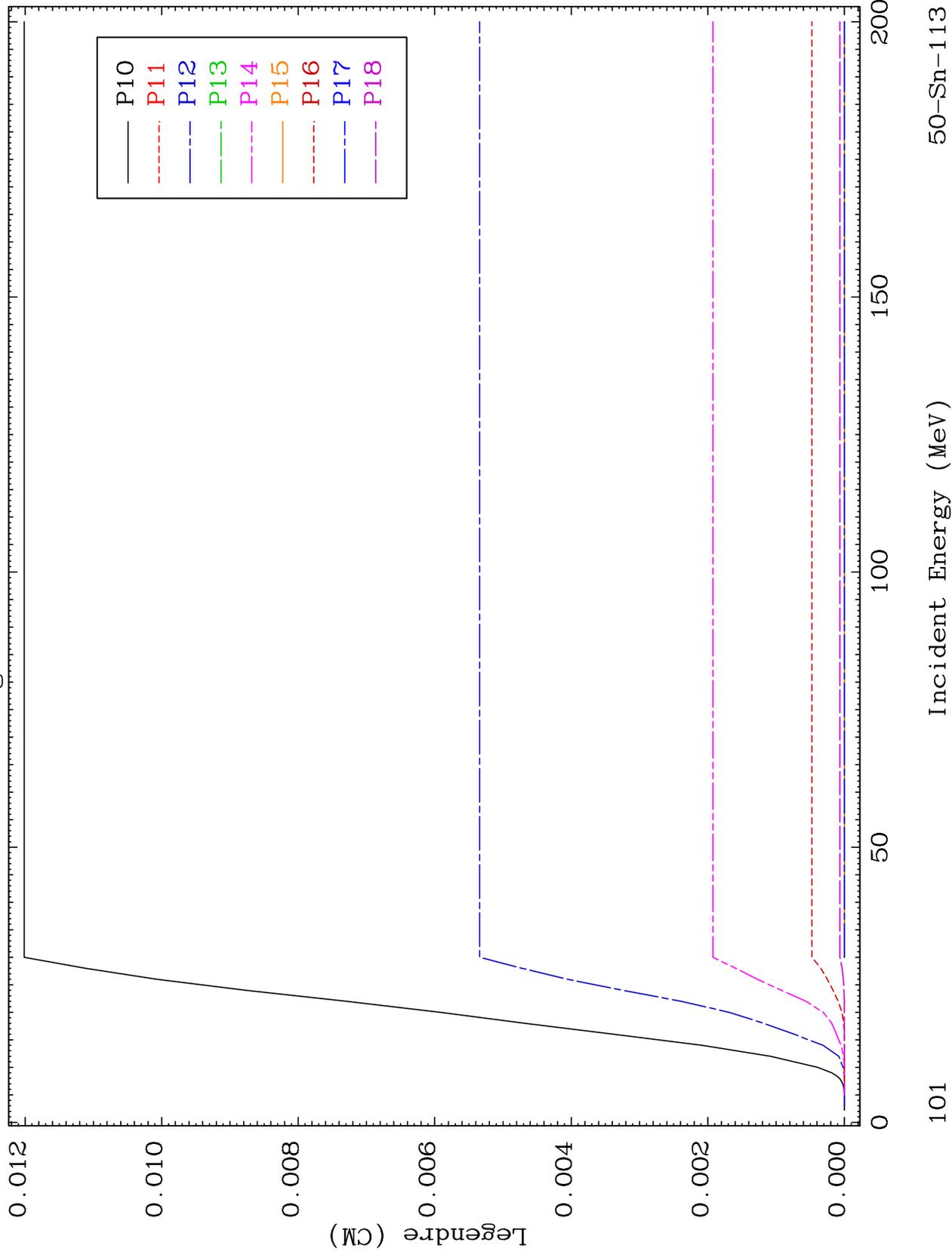




MAT 5028

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

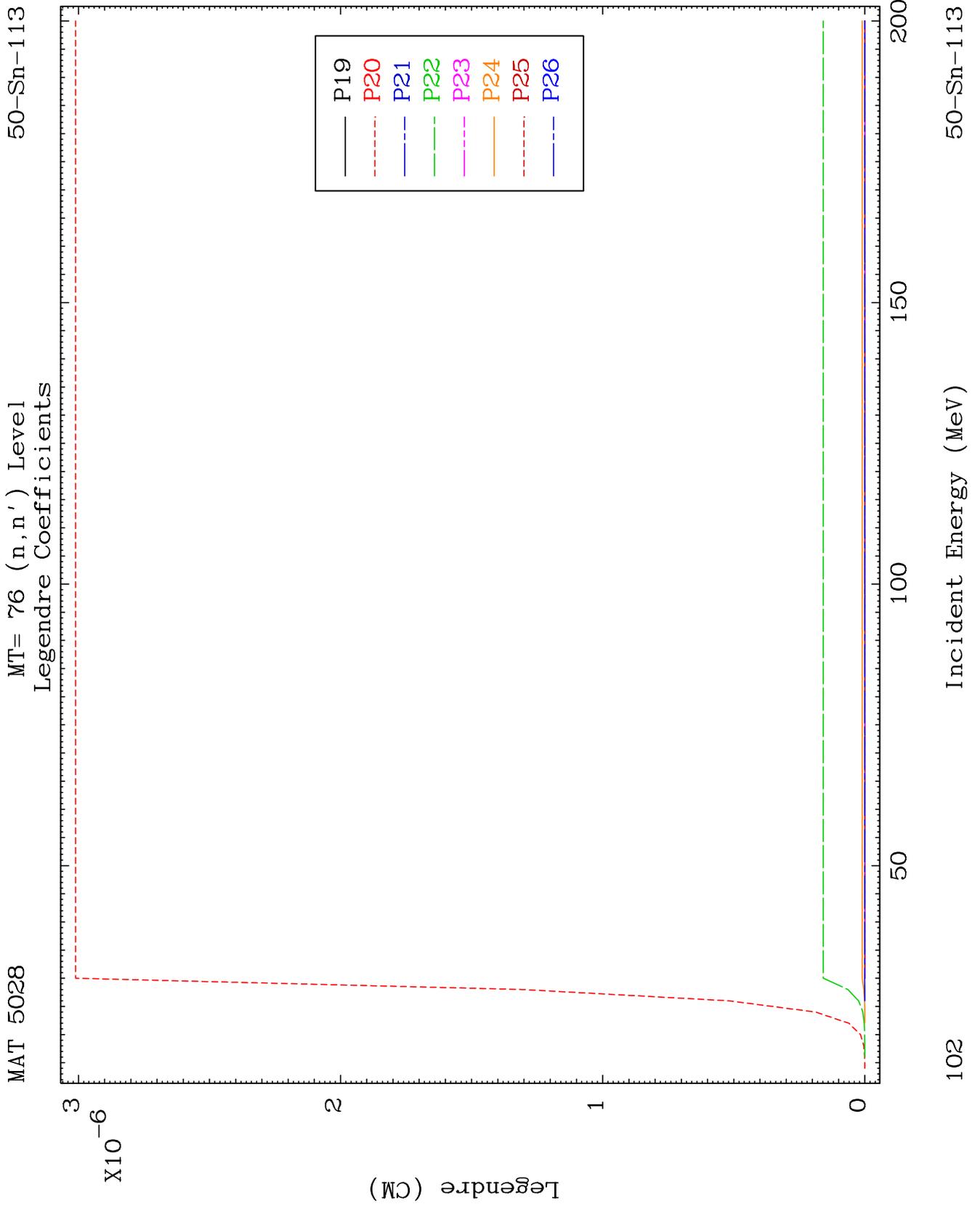
50-Sn-113



50-Sn-113

Incident Energy (MeV)

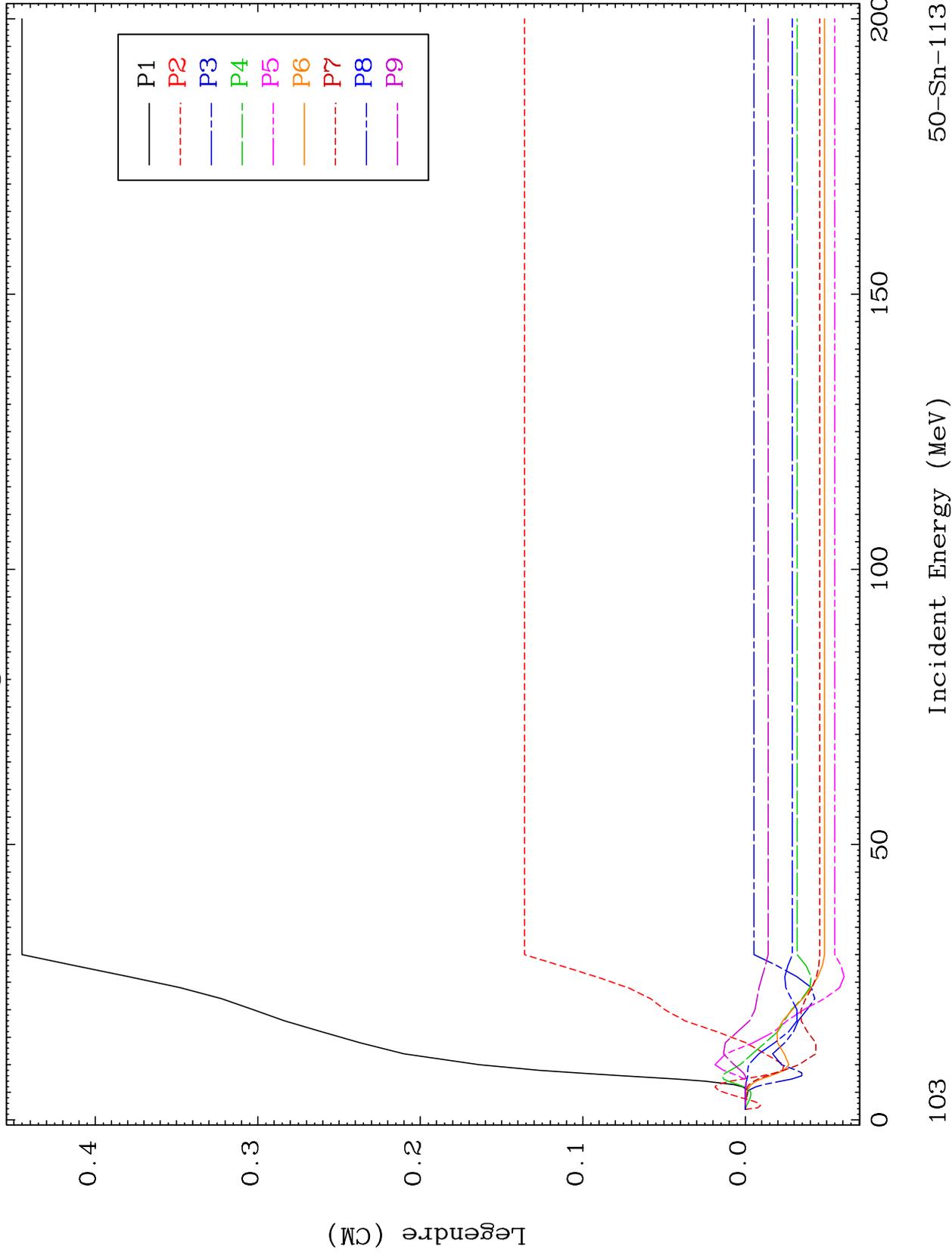
101



MAT 5028

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

50-Sn-113

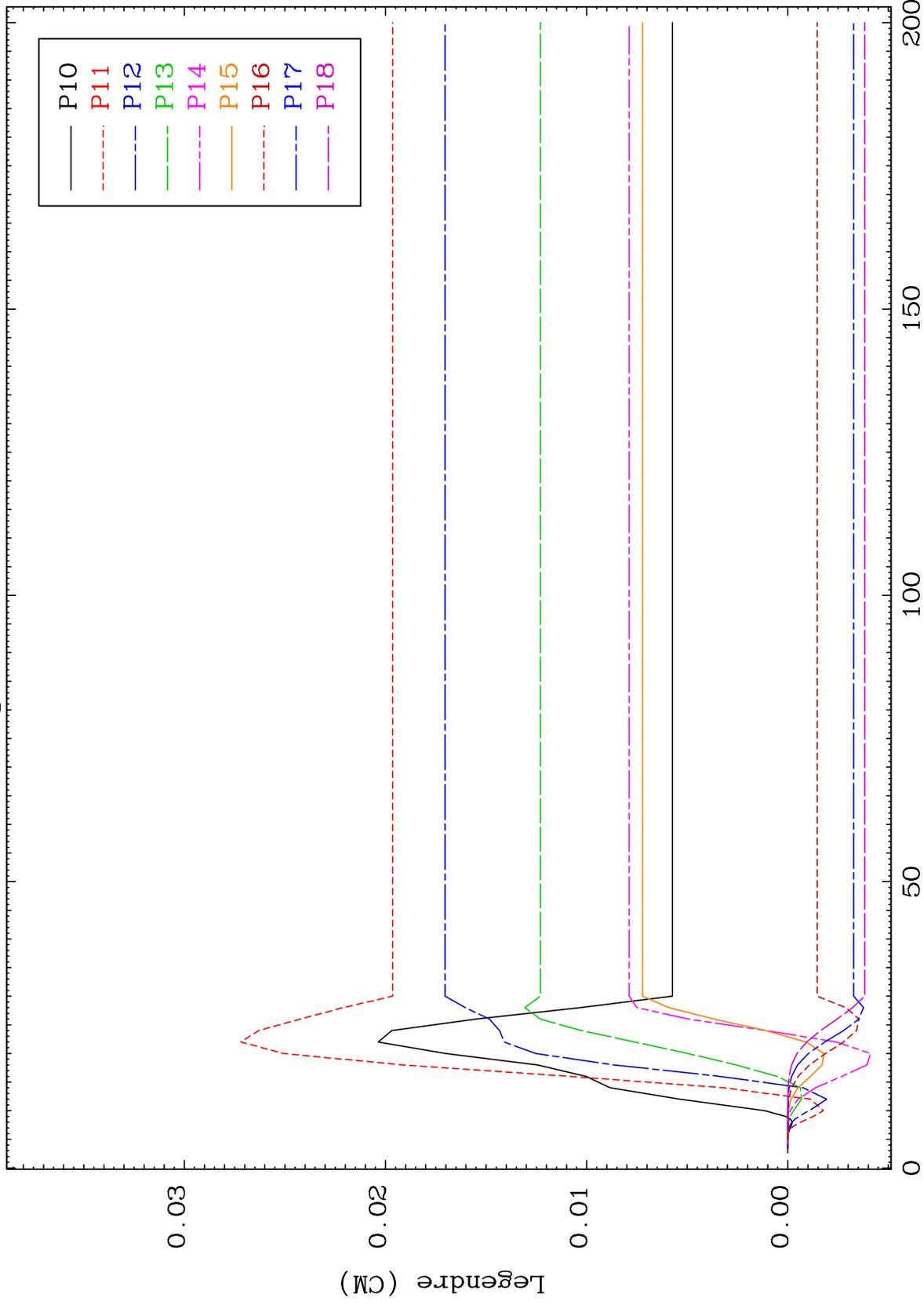


103

MAT 5028

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

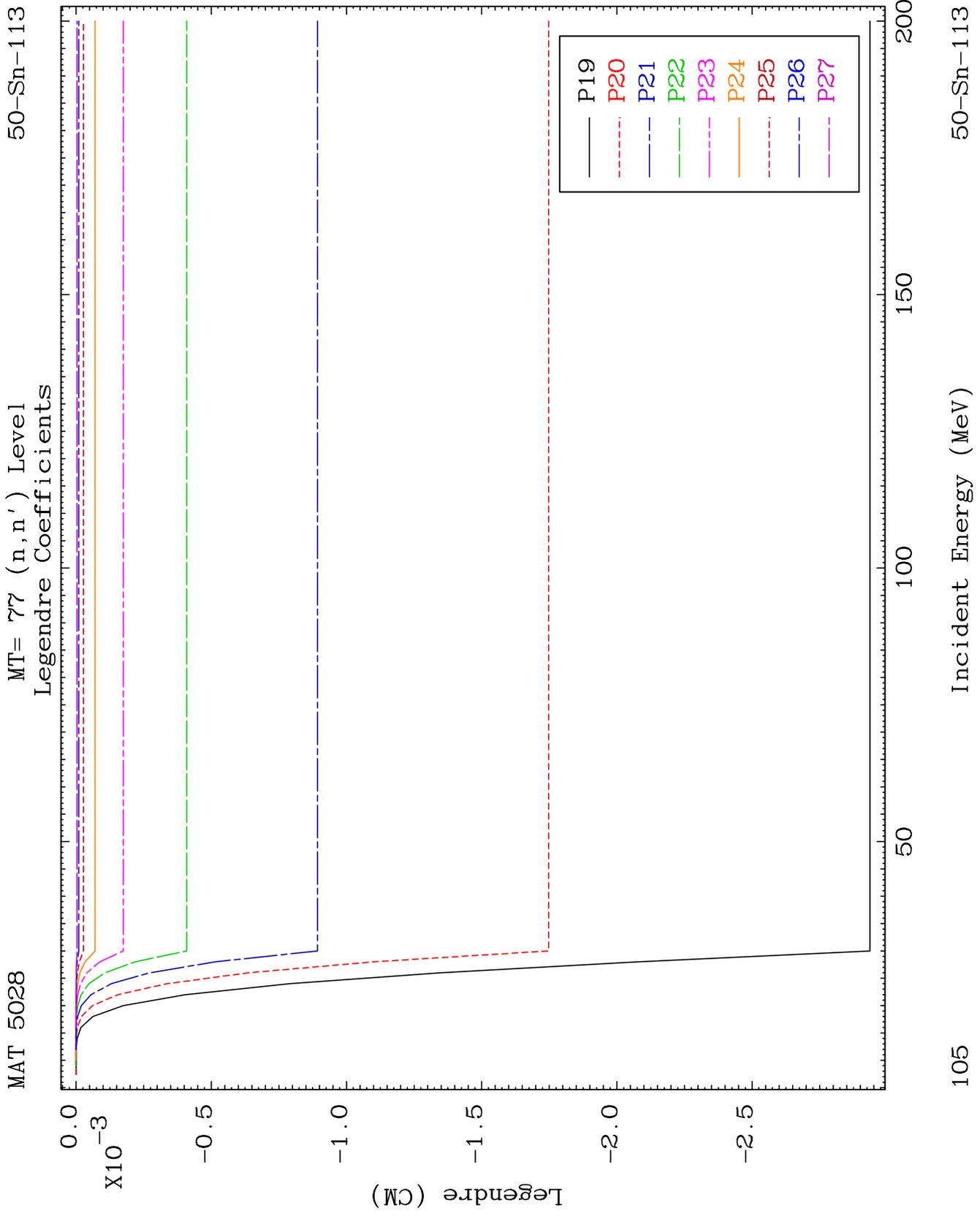
50-Sn-113

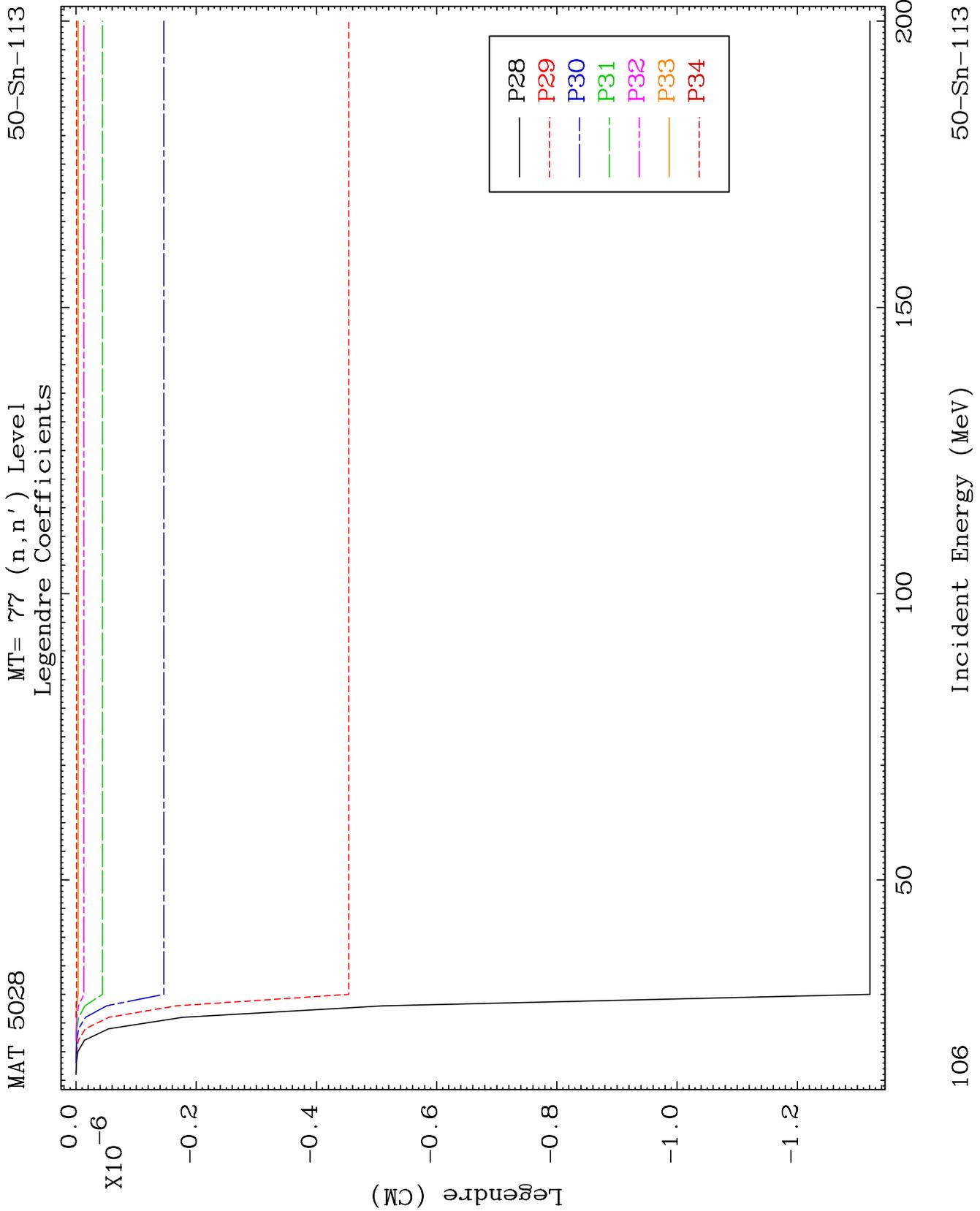


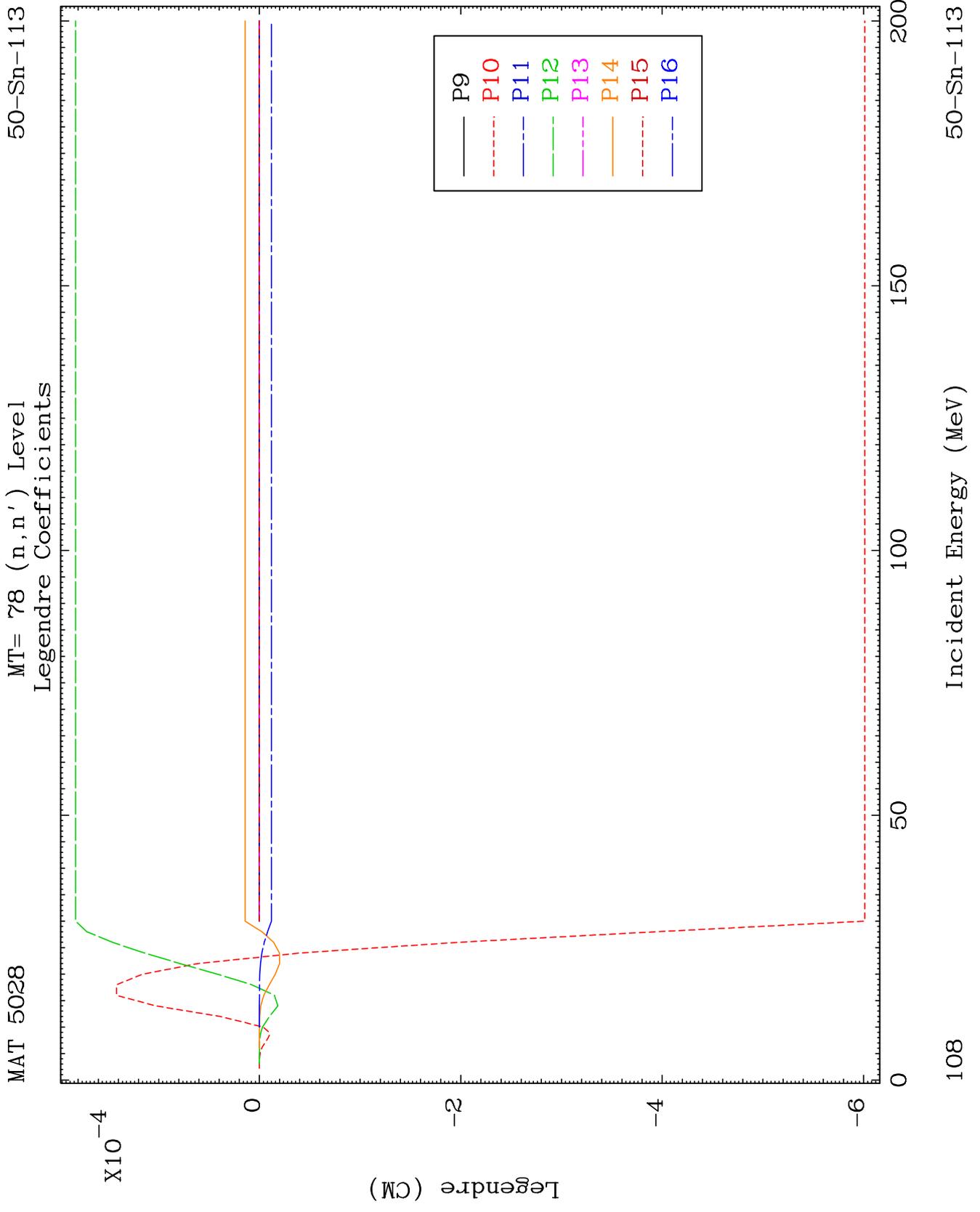
104

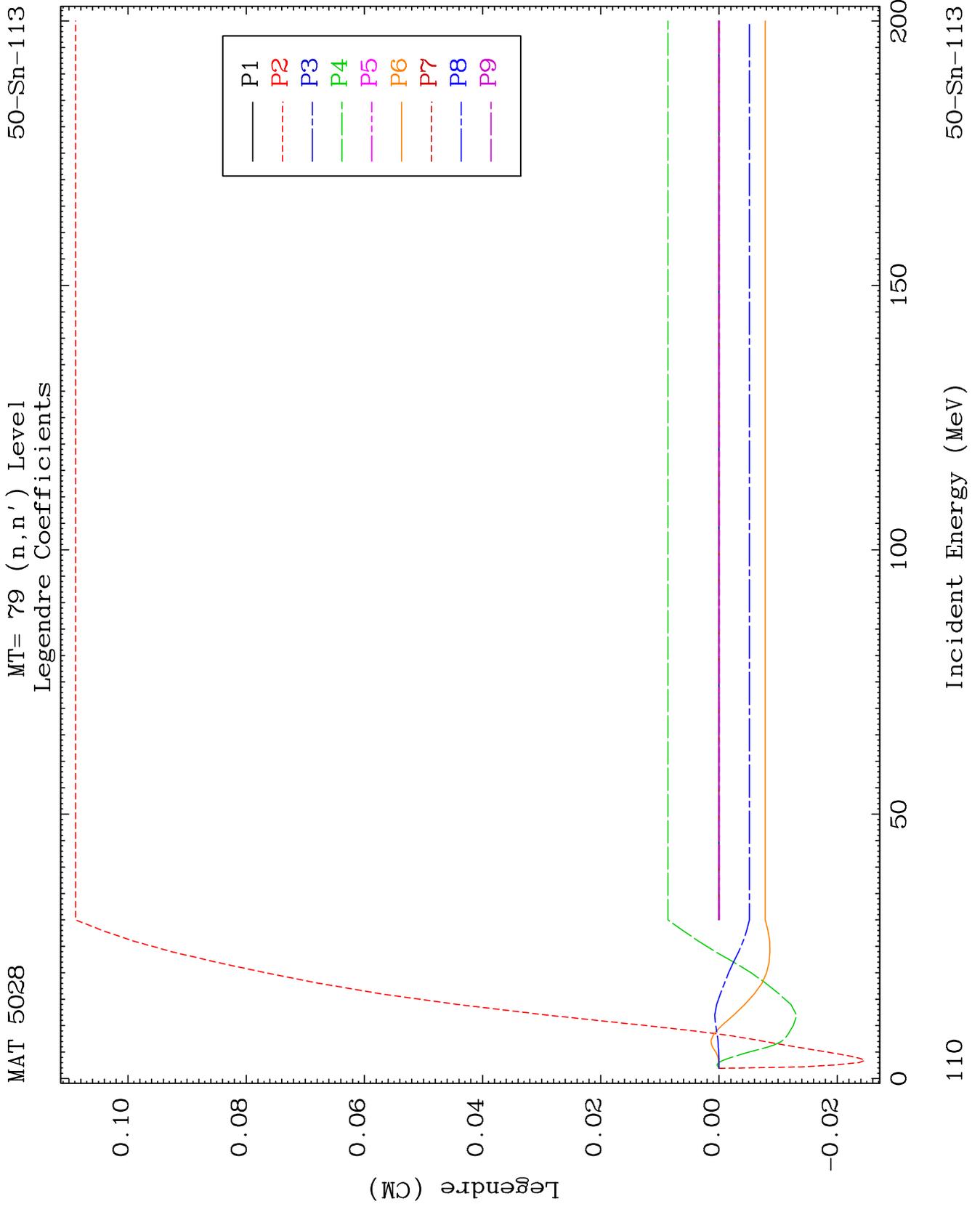
Incident Energy (MeV)

50-Sn-113





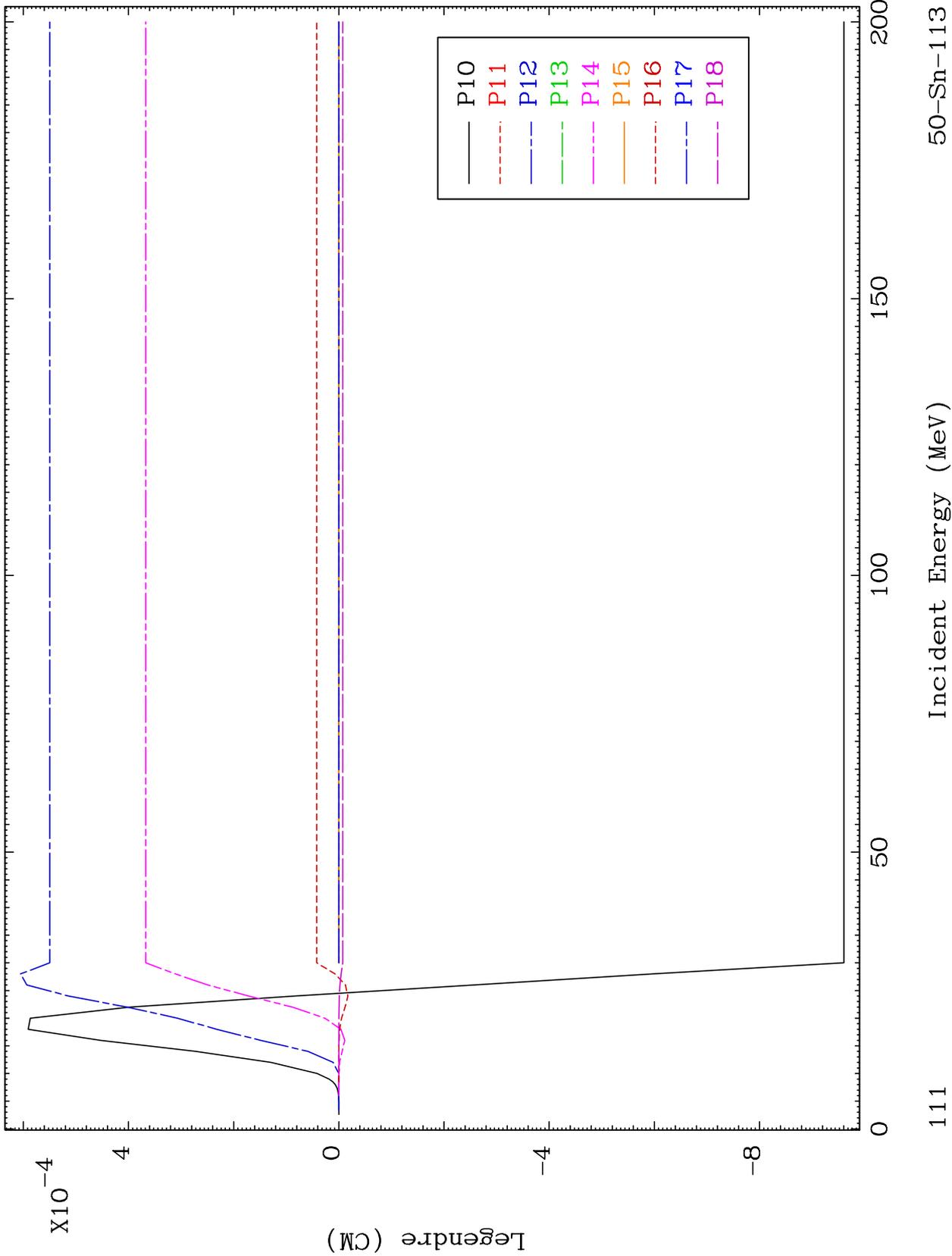




MAT 5028

MT= 79 (n,n') Level
Legendre Coefficients

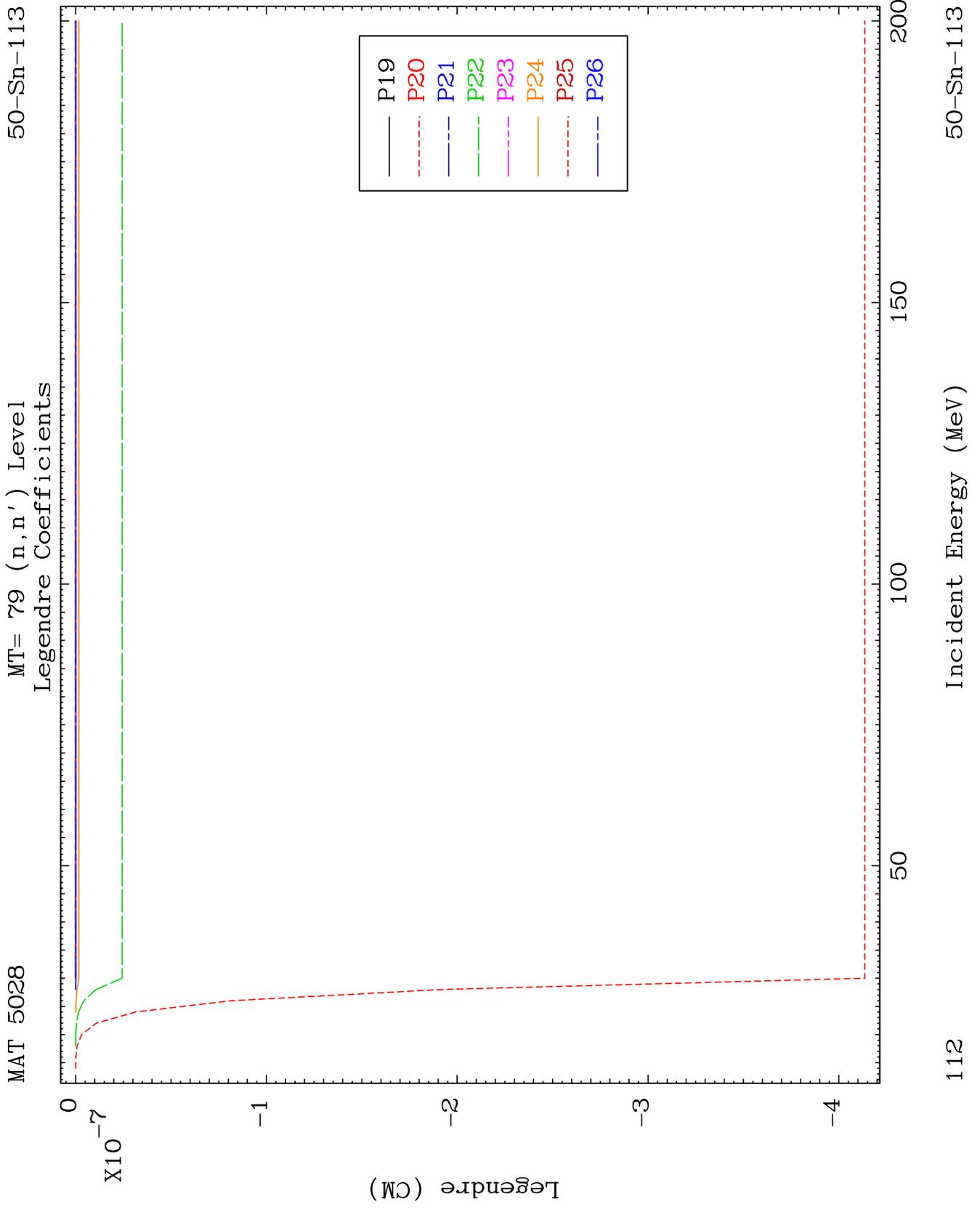
50-Sn-113



111

Incident Energy (MeV)

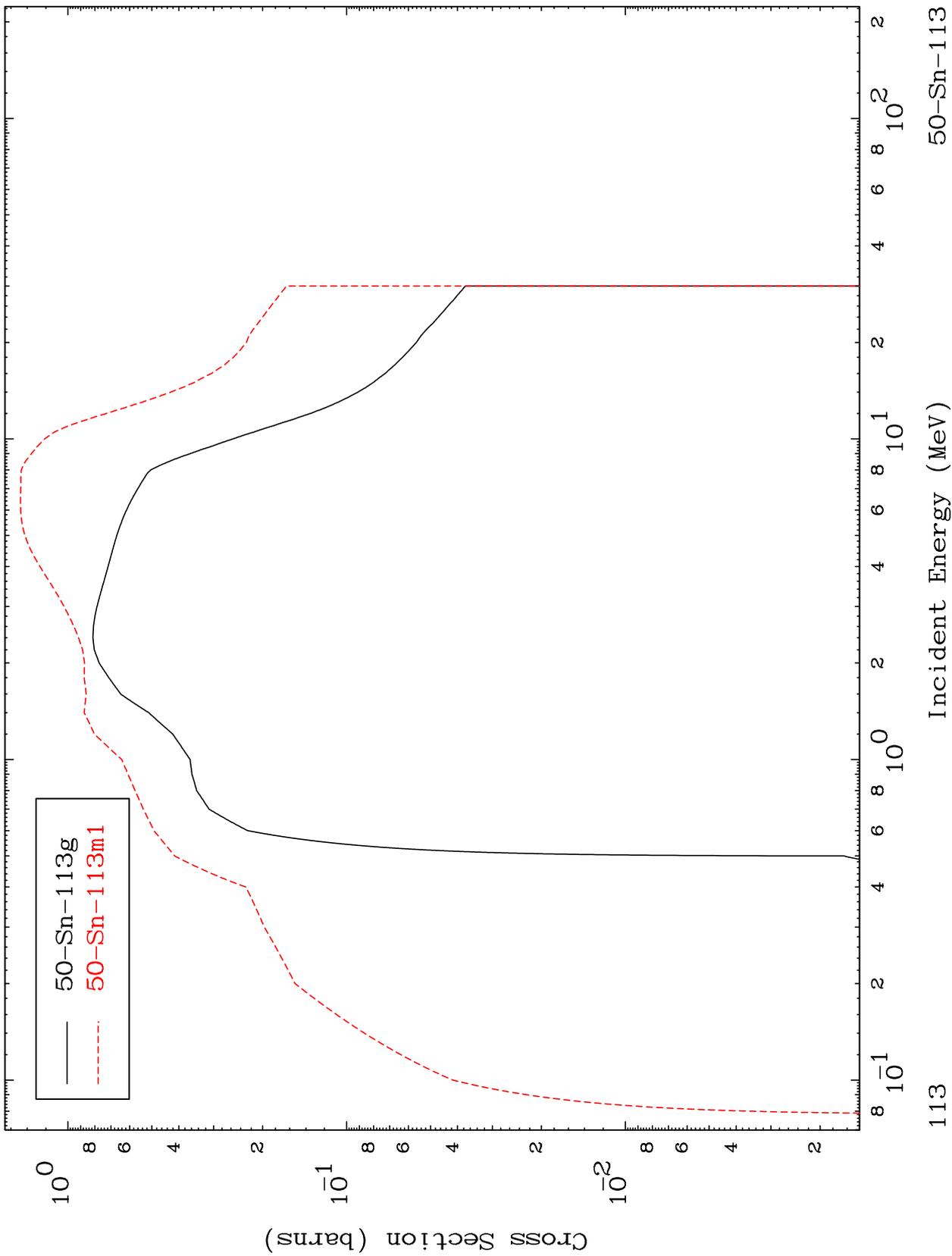
50-Sn-113



MAT 5028

50-Sn-113

Radionuclide Production Cross Section



50-Sn-113

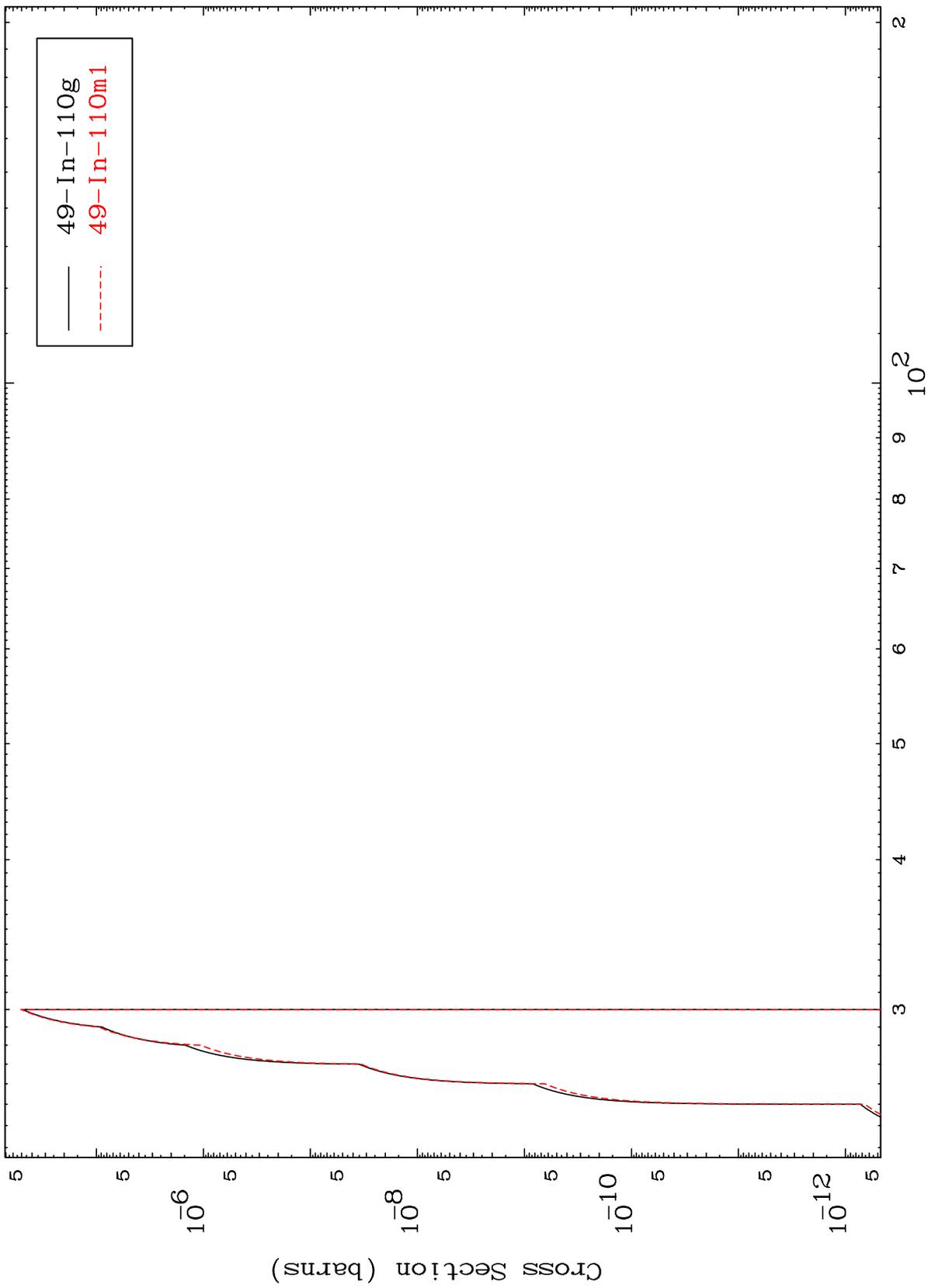
Incident Energy (MeV)

113

MAT 5028

50-Sn-113

(n,2n) d
Radionuclide Production Cross Section



50-Sn-113

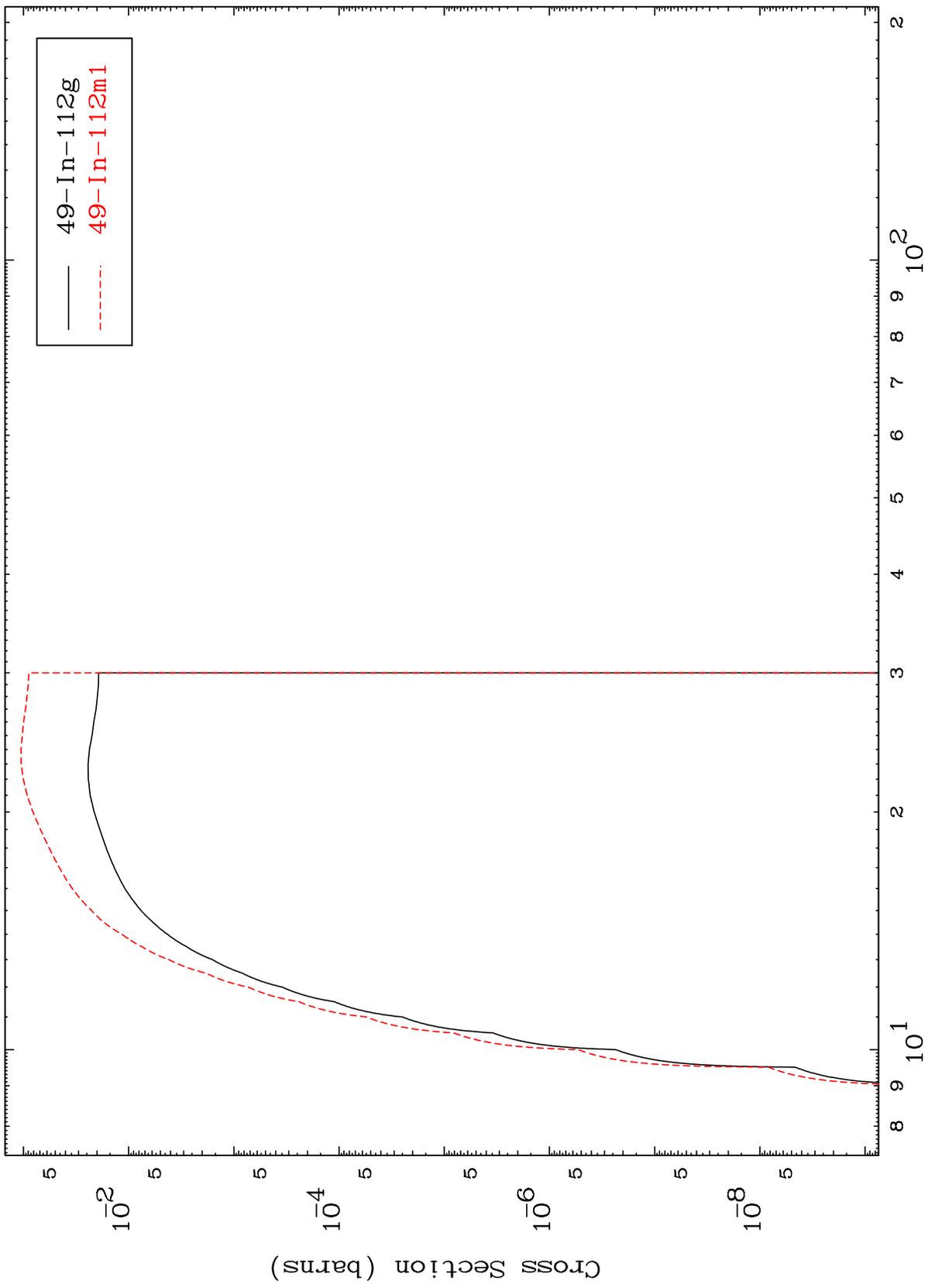
Incident Energy (MeV)

114

MAT 5028

50-Sn-113

(n,n') p
Radionuclide Production Cross Section



50-Sn-113

Incident Energy (MeV)

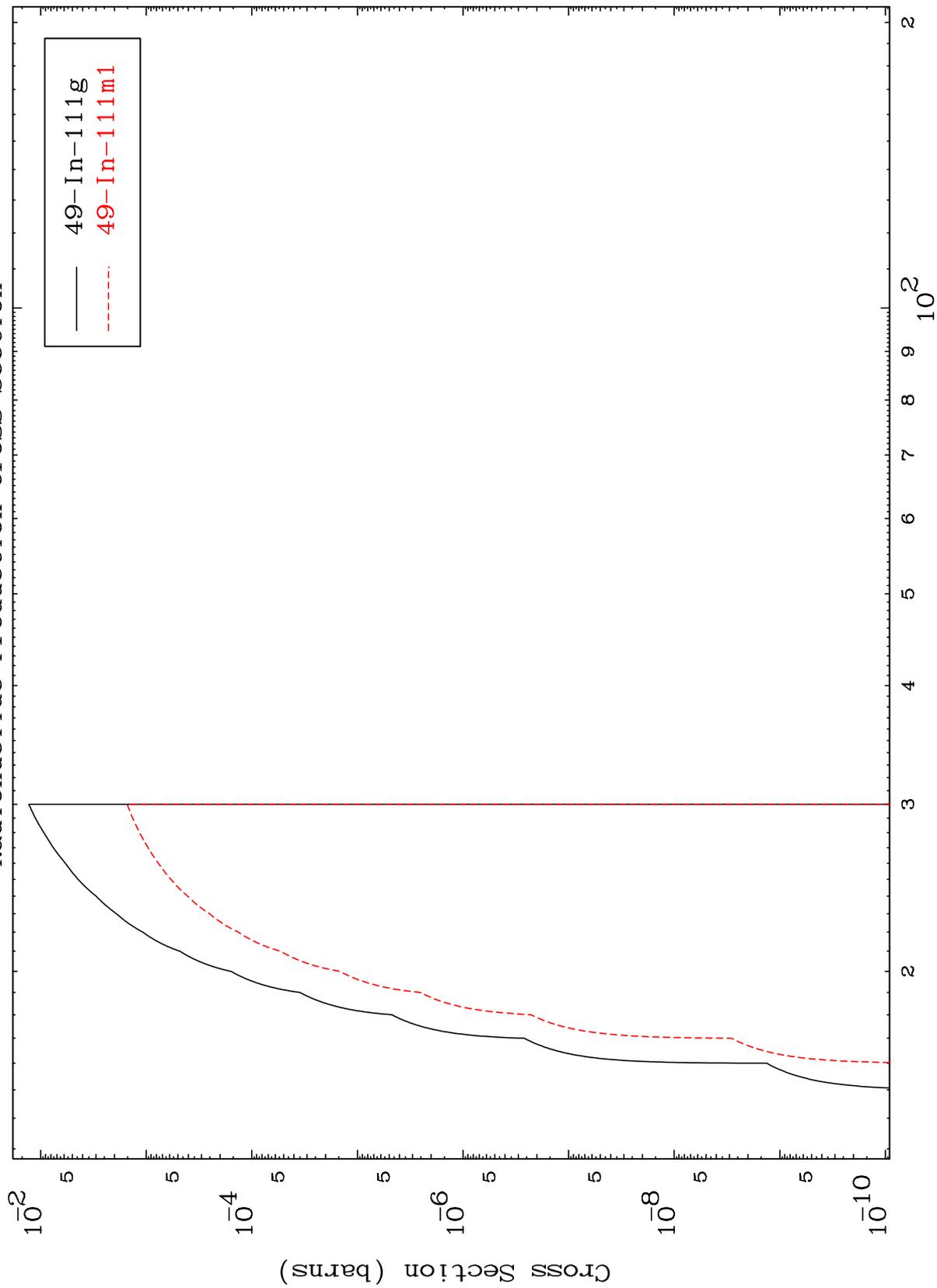
115

MAT 5028

(n,n') d

50-Sn-113

Radionuclide Production Cross Section

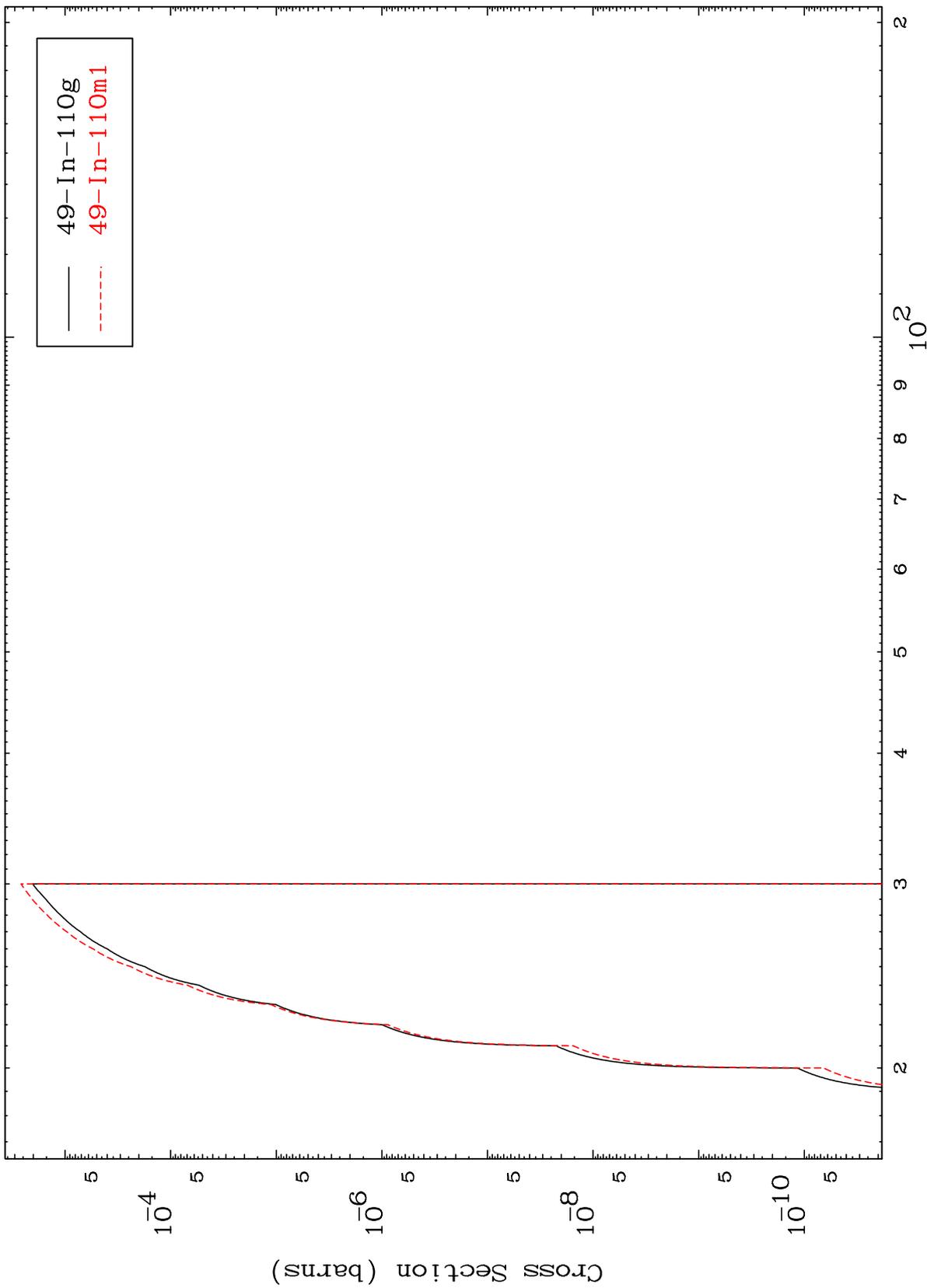


116

Incident Energy (MeV)

50-Sn-113

Radionuclide Production Cross Section

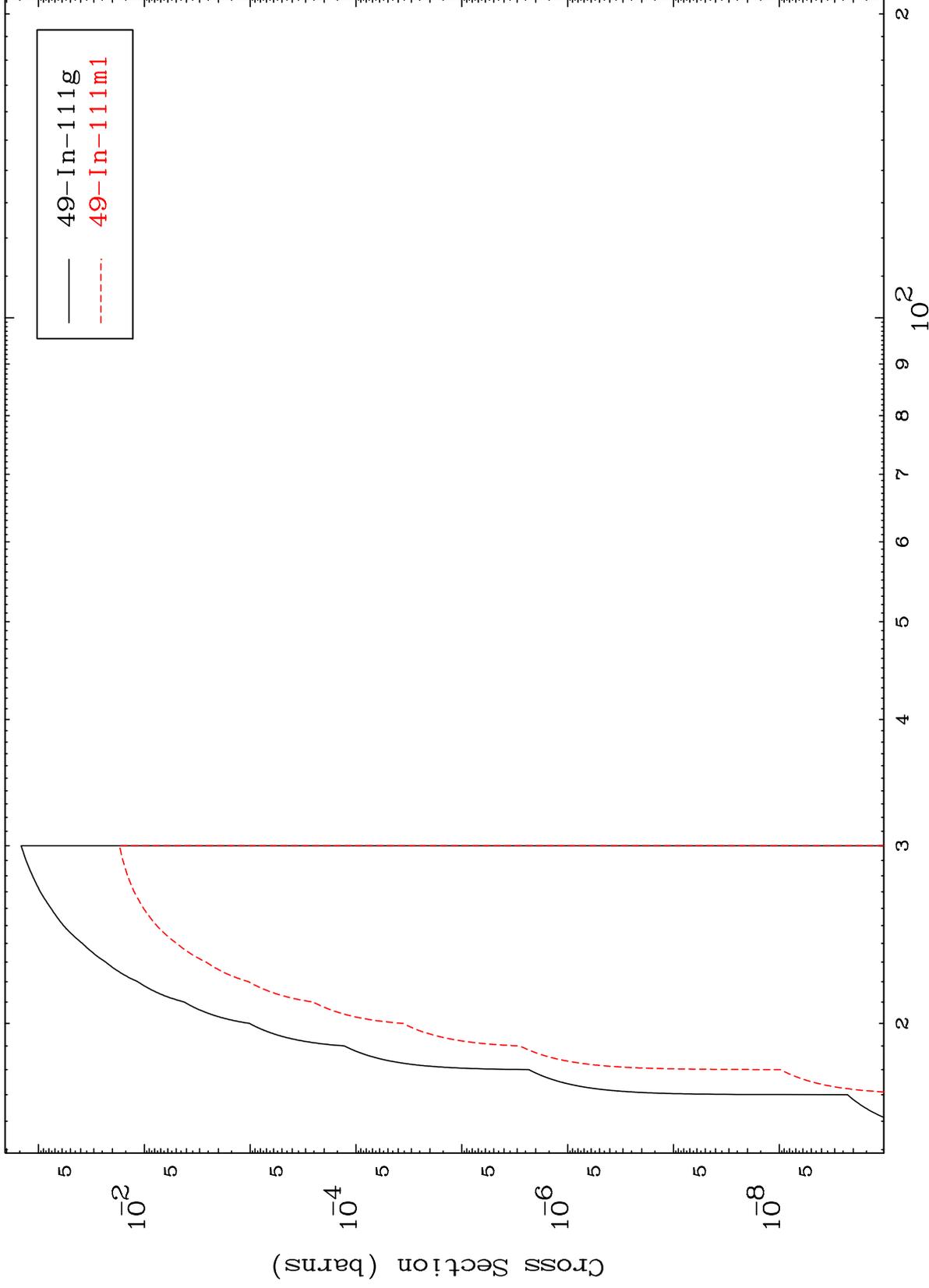


MAT 5028

(n,2n) p

50-Sn-113

Radionuclide Production Cross Section

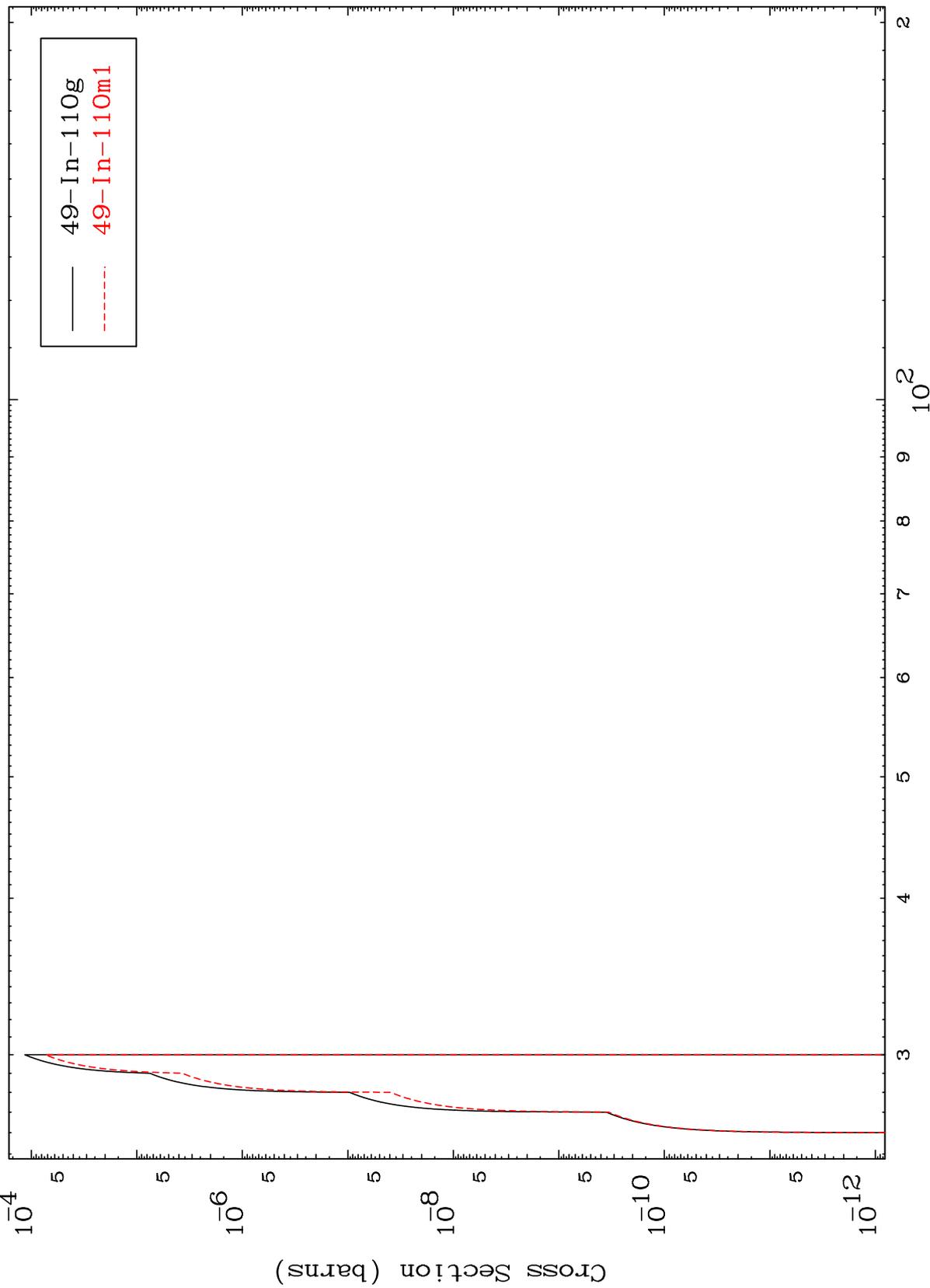


118

Incident Energy (MeV)

50-Sn-113

Radionuclide Production Cross Section

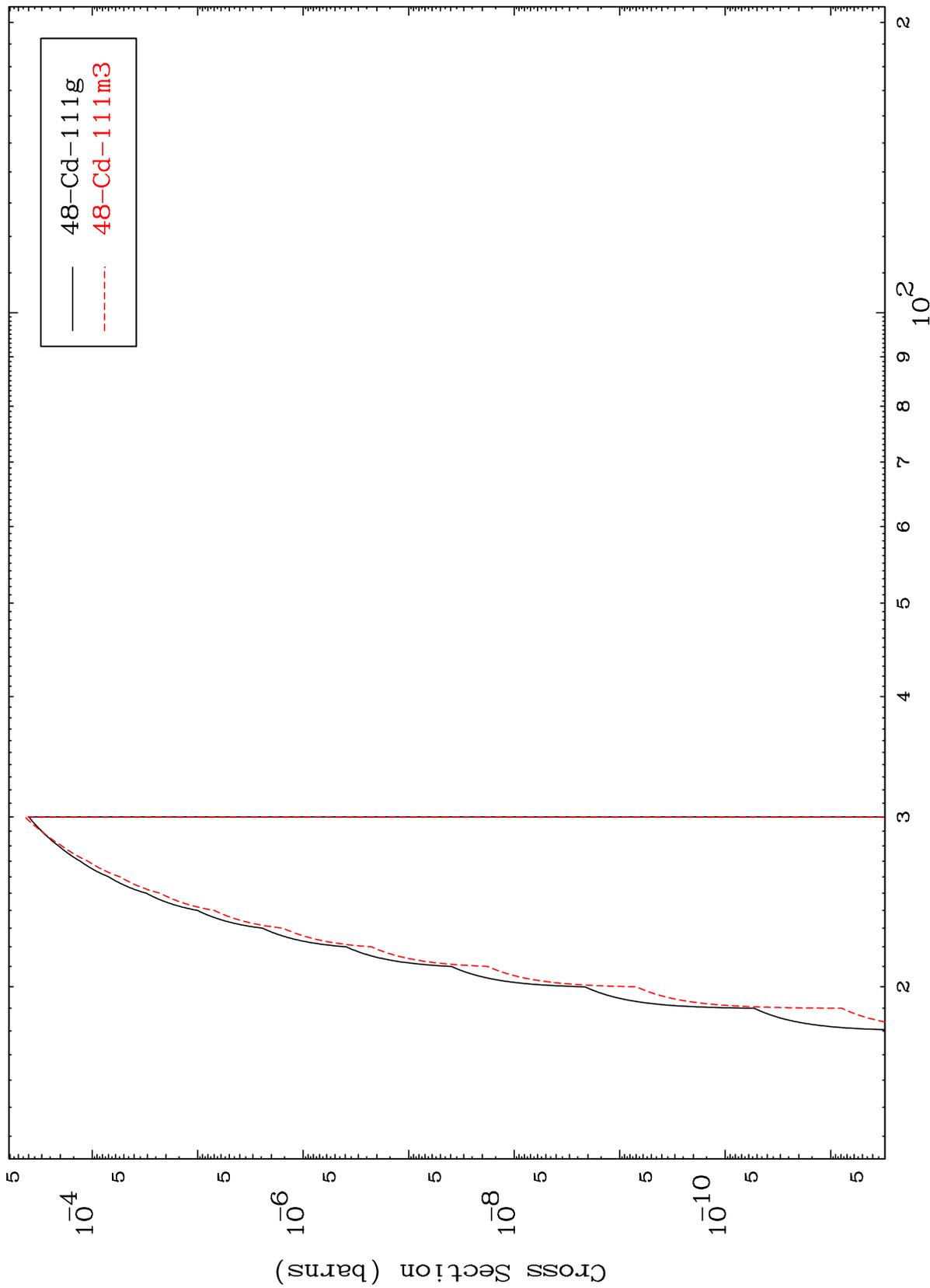


49-In-110g
49-In-110m1

MAT 5028

50-Sn-113

(n,2n) p
Radionuclide Production Cross Section

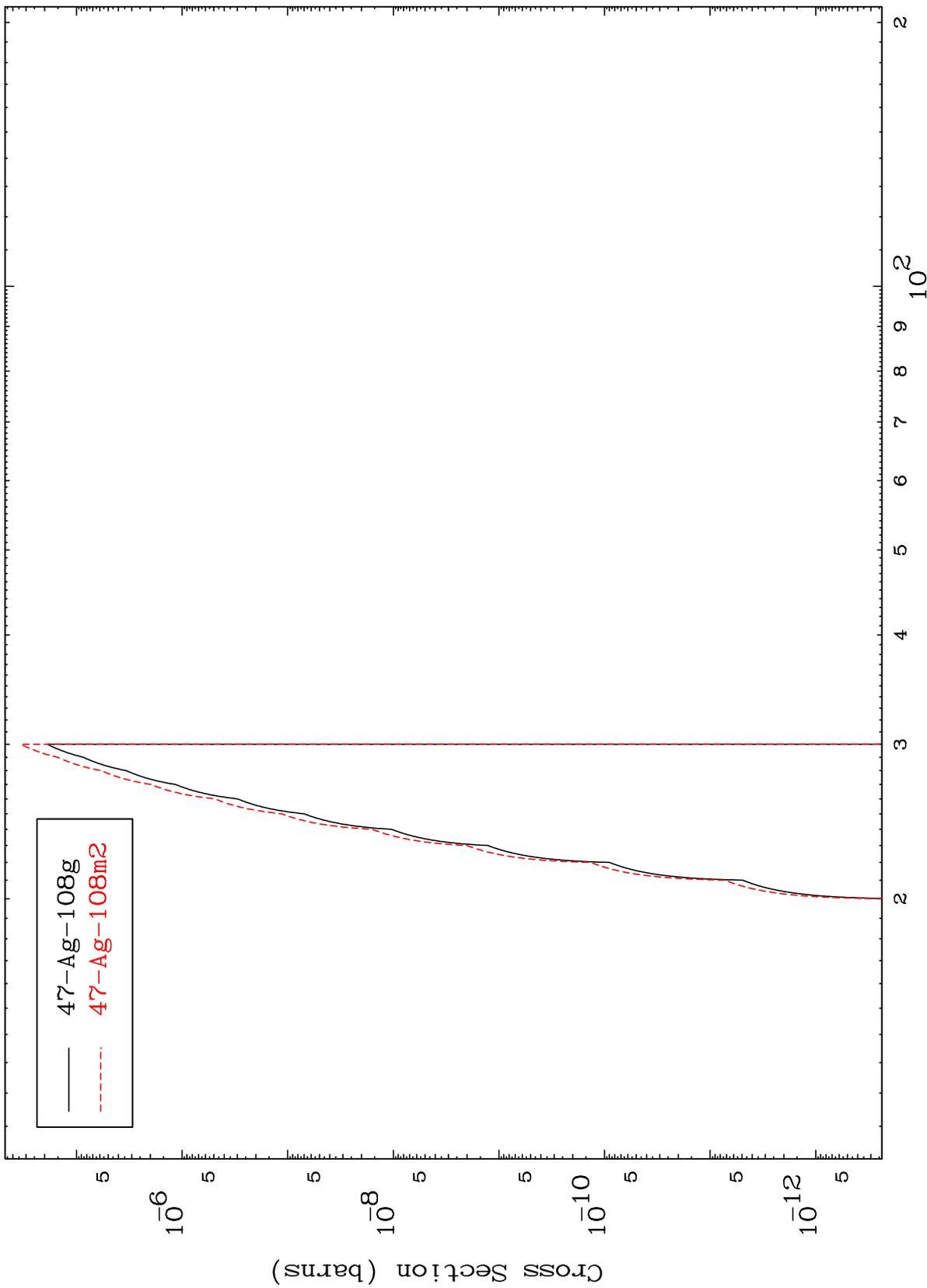


120

Incident Energy (MeV)

50-Sn-113

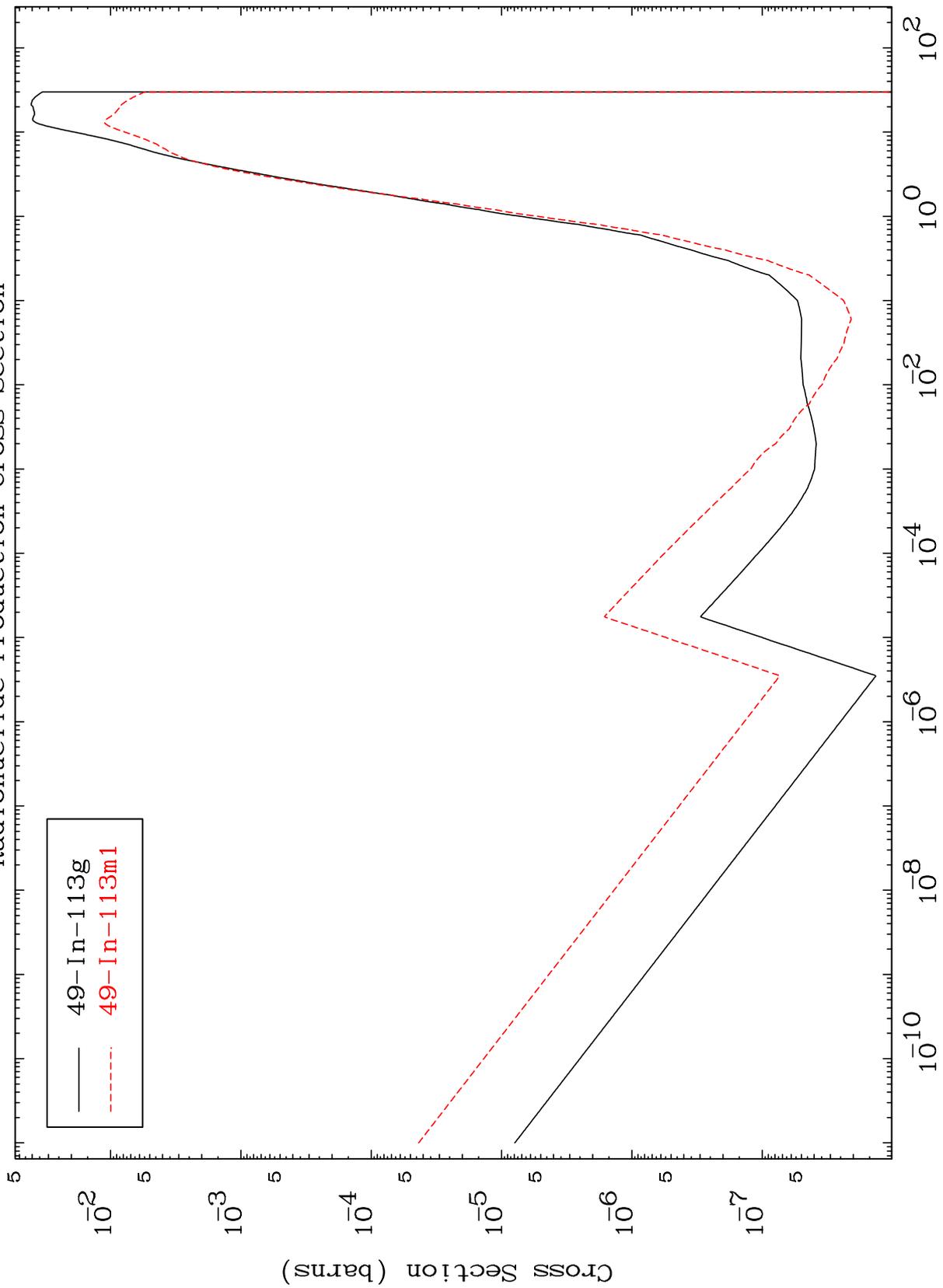
(n,n') p α
Radionuclide Production Cross Section



MAT 5028

50-Sn-113

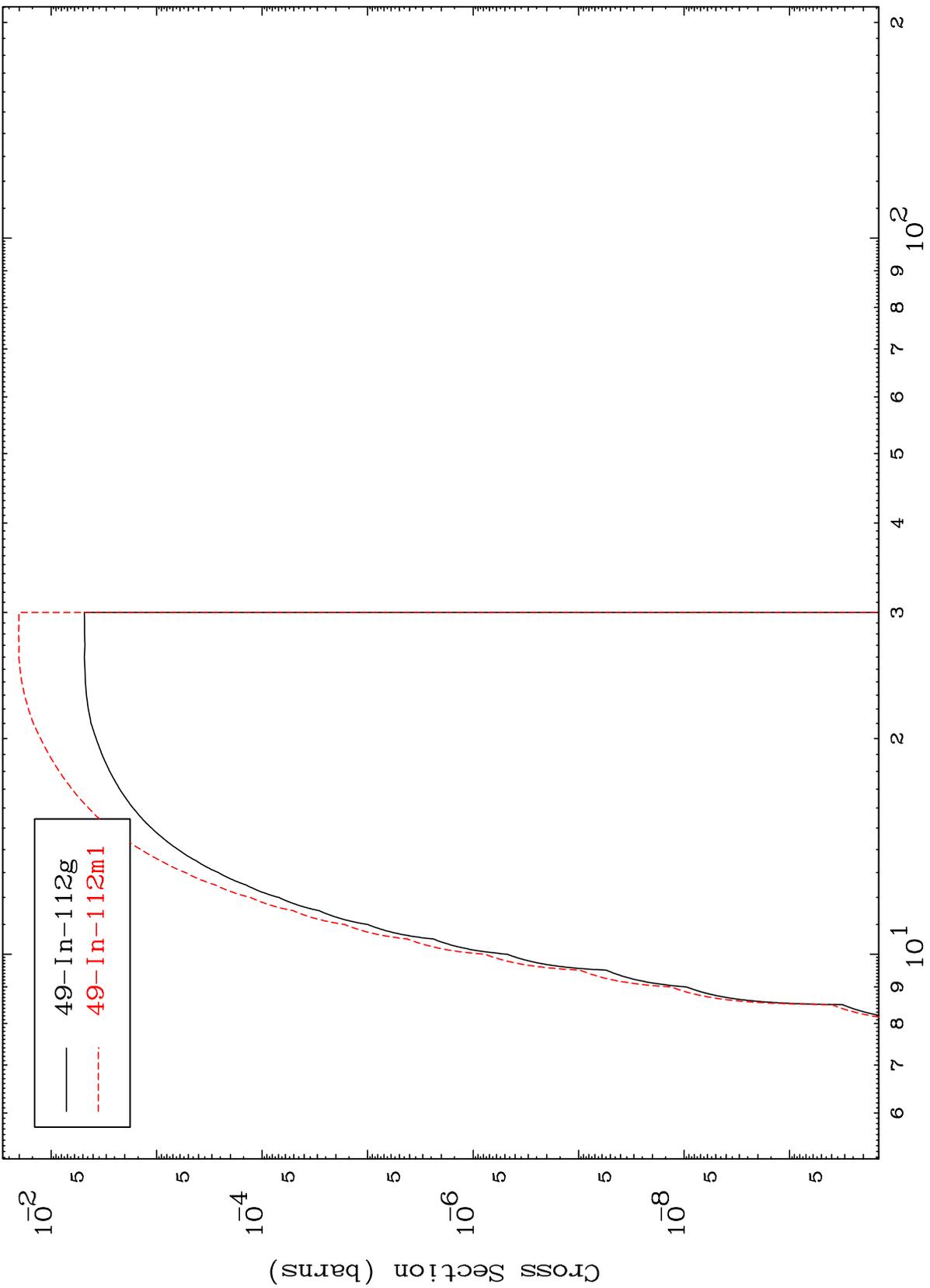
(n,p)
Radionuclide Production Cross Section



MAT 5028

50-Sn-113

(n,d)
Radionuclide Production Cross Section



— 49-In-112g
- - - 49-In-112m1

50-Sn-113

Incident Energy (MeV)

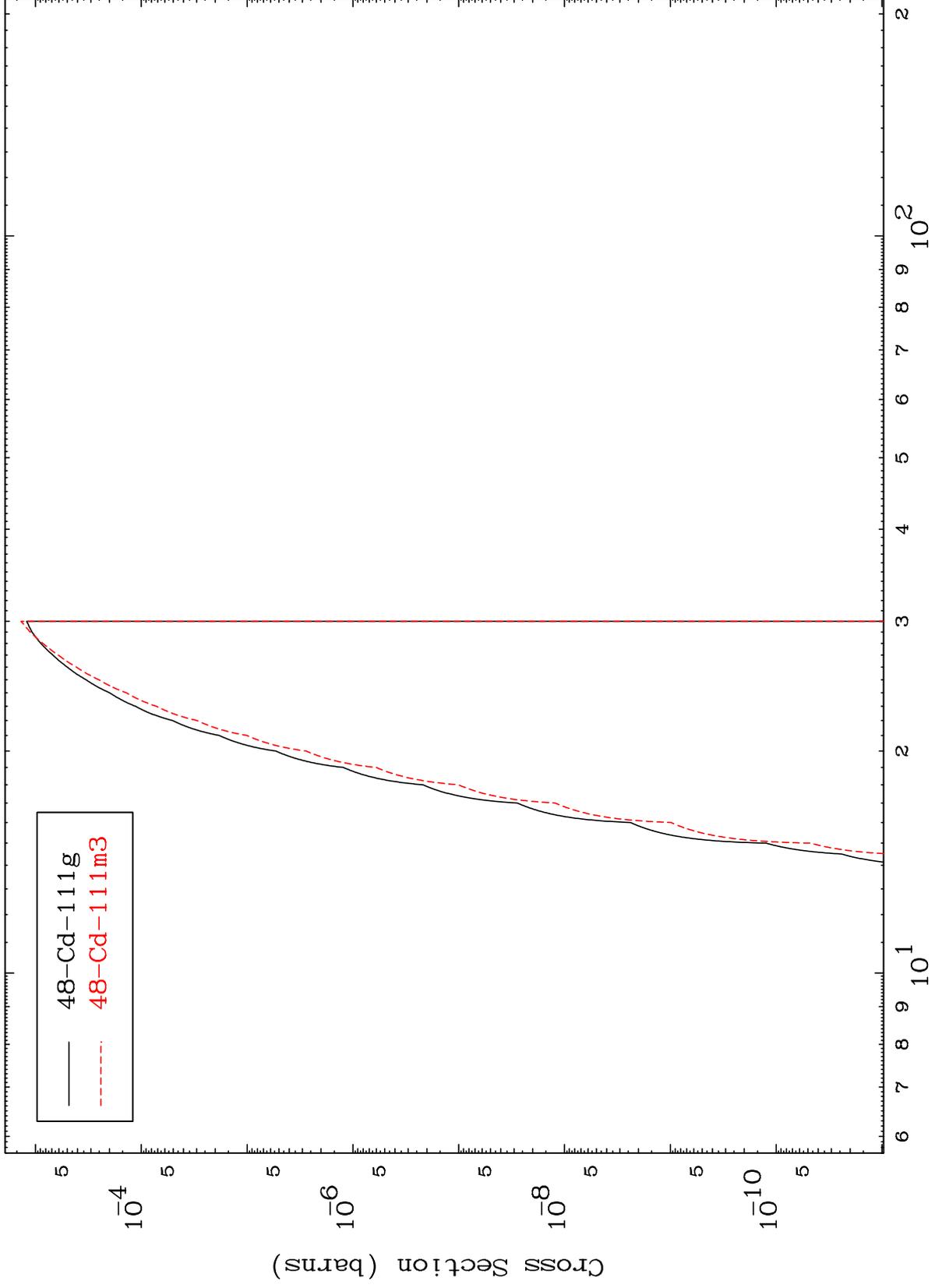
123

MAT 5028

(n,He-3)

50-Sn-113

Radionuclide Production Cross Section

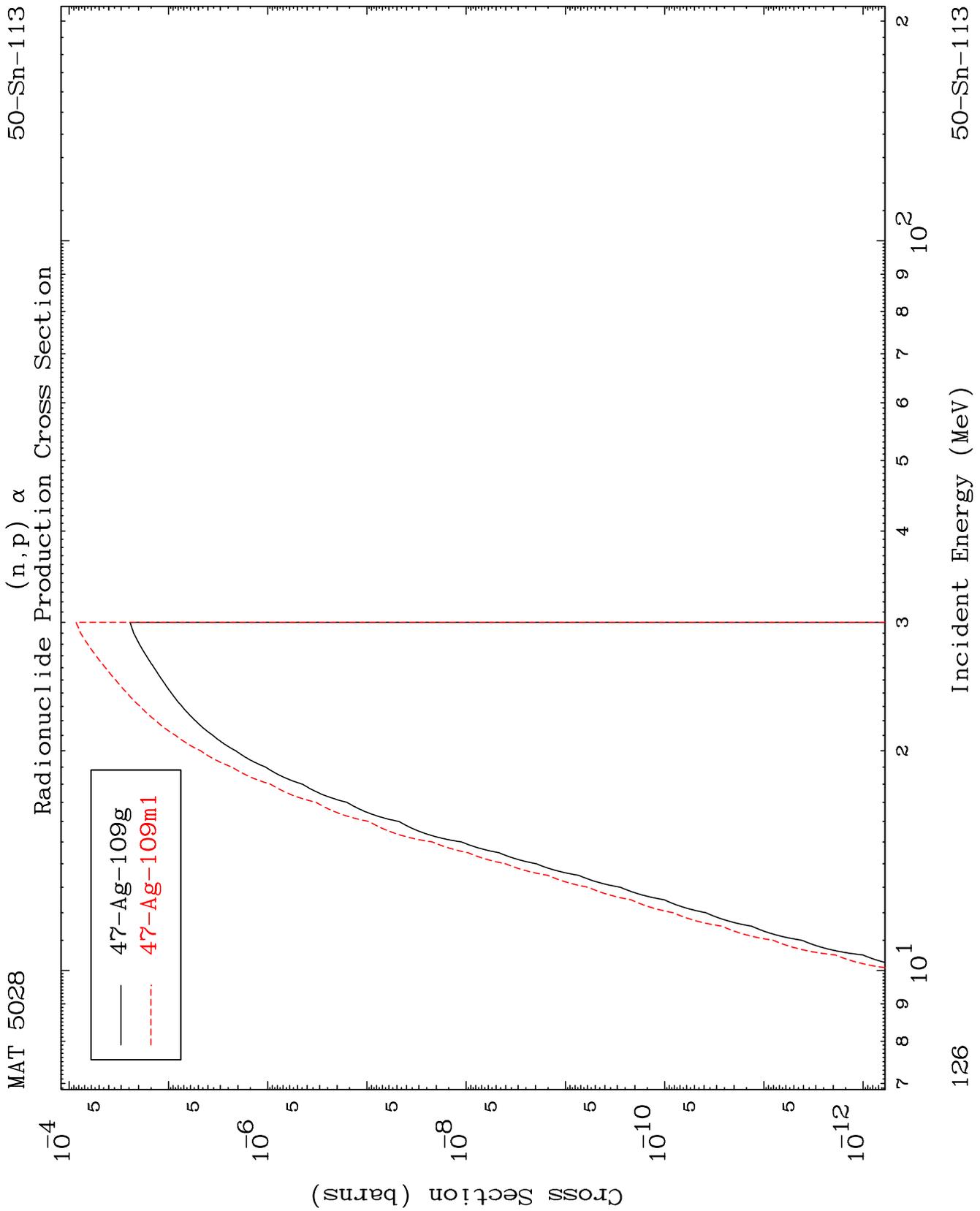


— 48-Cd-111g
- - - 48-Cd-111m3

125

Incident Energy (MeV)

50-Sn-113

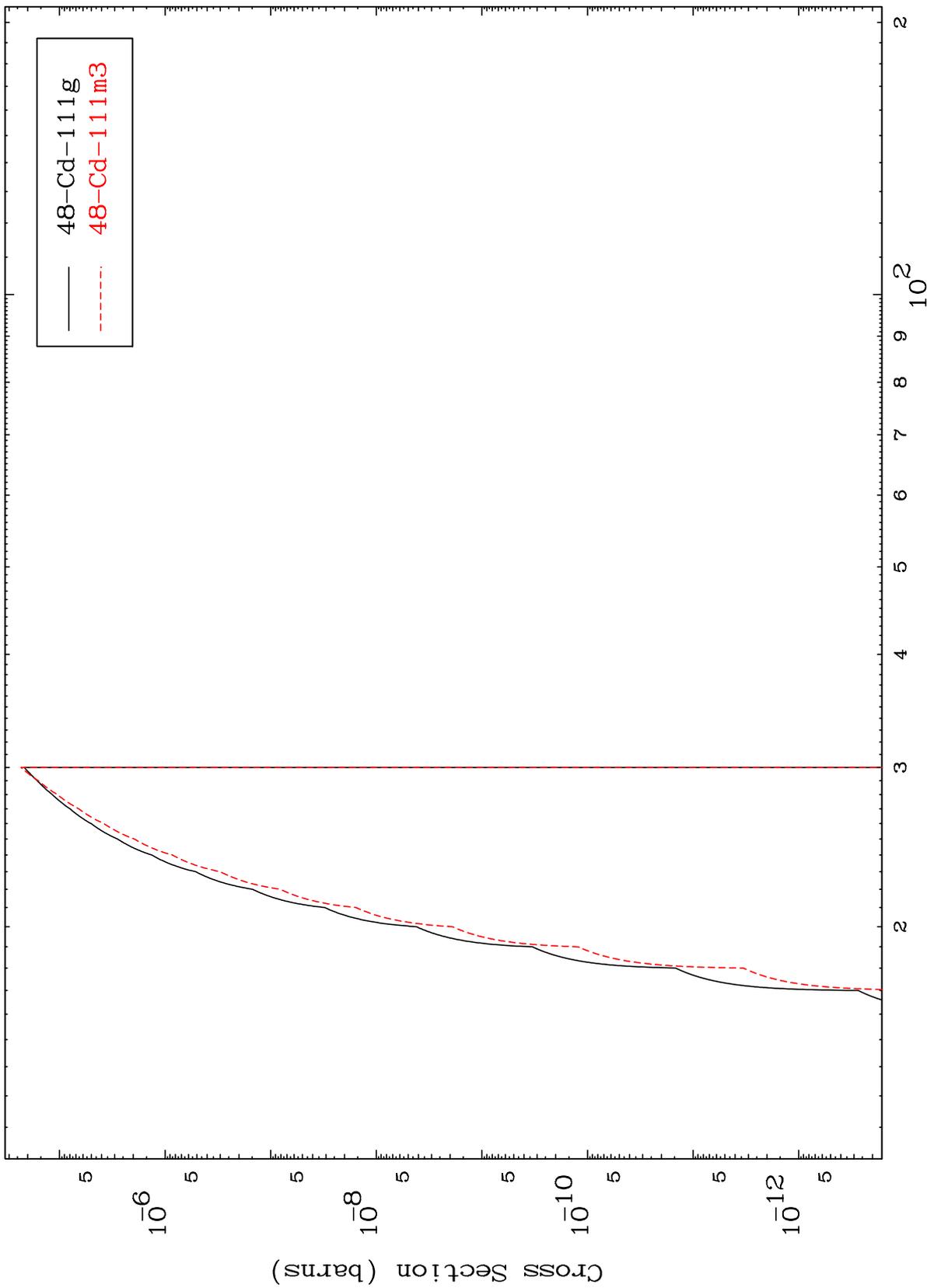


MAT 5028

(n,p) d

50-Sn-113

Radionuclide Production Cross Section



127

Incident Energy (MeV)

50-Sn-113

MAT 5028

(n,d) α

50-Sn-113

