

Program EVALPLOT
(Version 2017-1)

by

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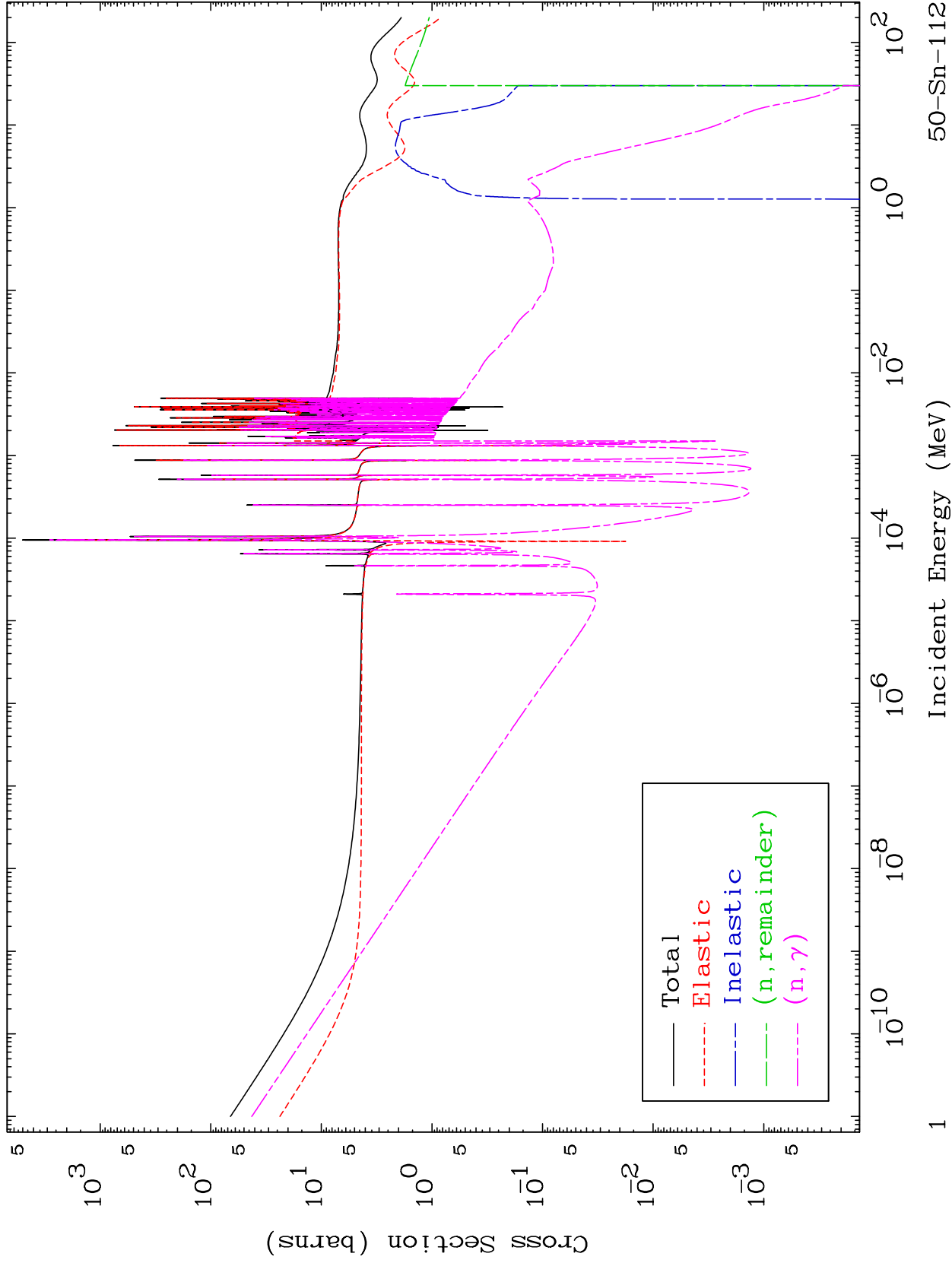
Press Mouse Button to Start

MAT 5025

Major

293 Kelvin Cross Sections

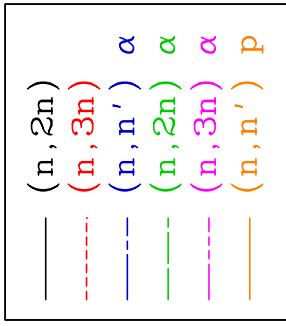
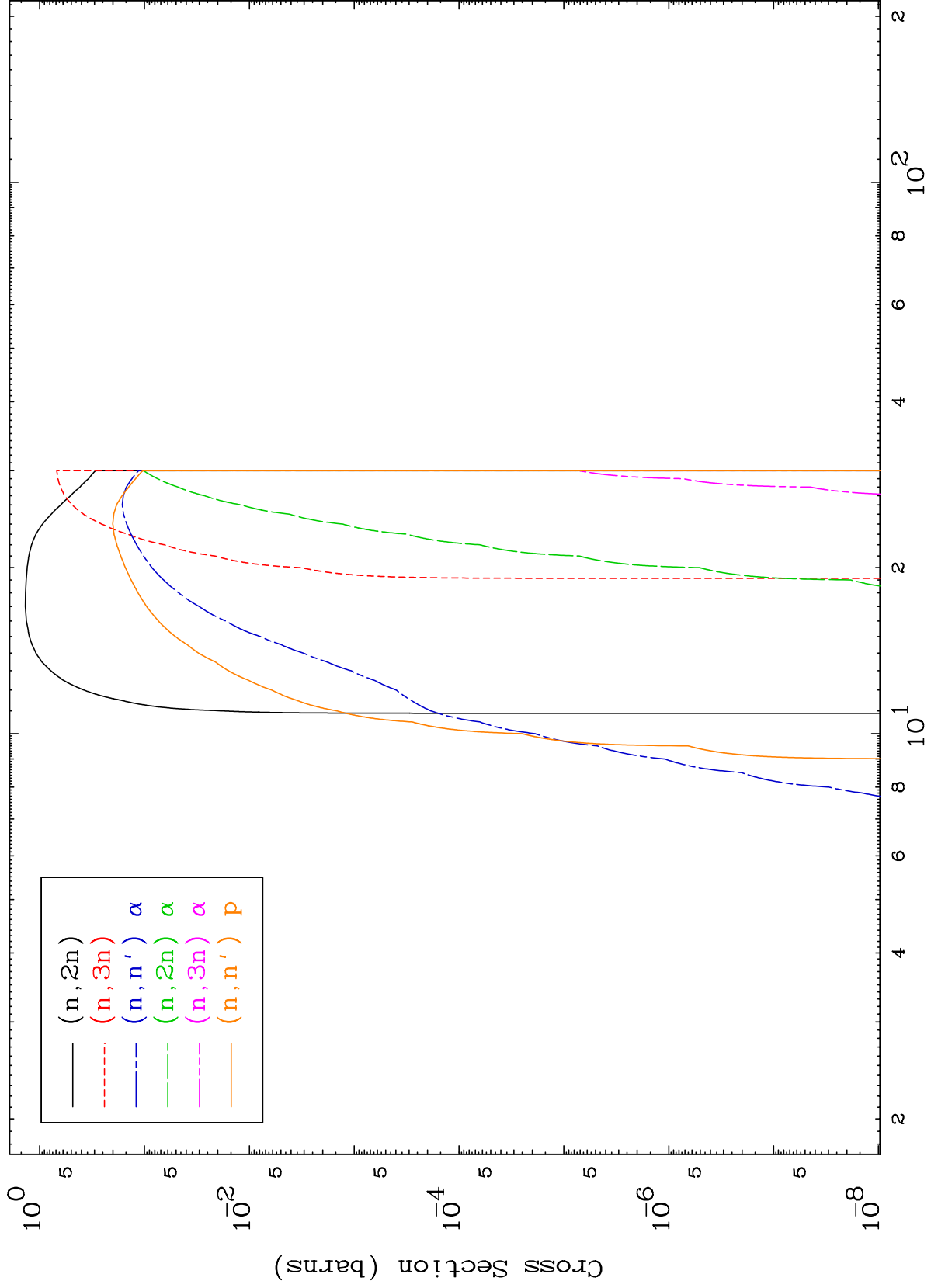
50-Sn-112



MAT 5025

Neutron Production
293 Kelvin Cross Sections

50-Sn-112



50-Sn-112

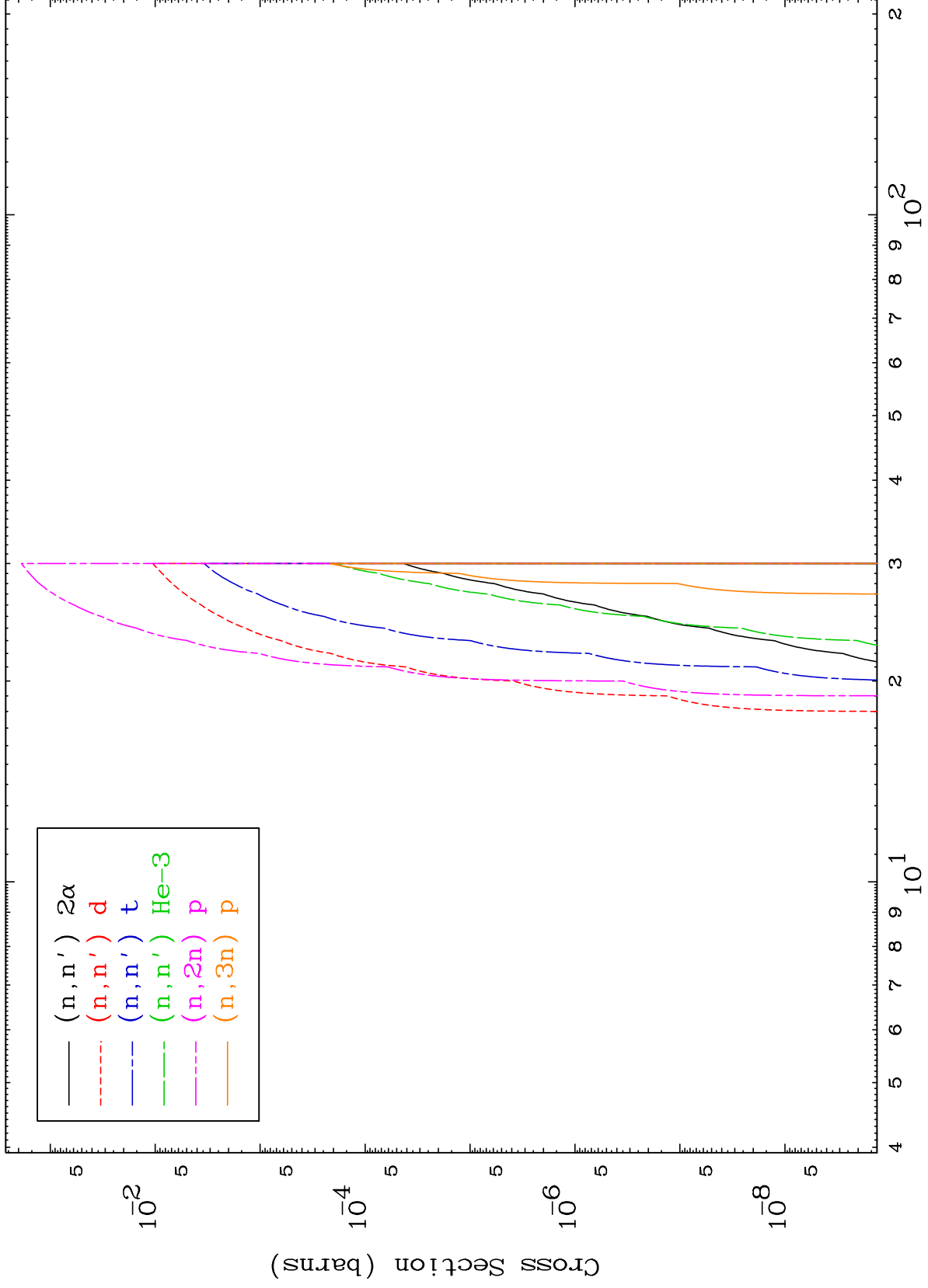
Incident Energy (MeV)

2

MAT 5025

Neutron Production
293 Kelvin Cross Sections

50-Sn-112



3

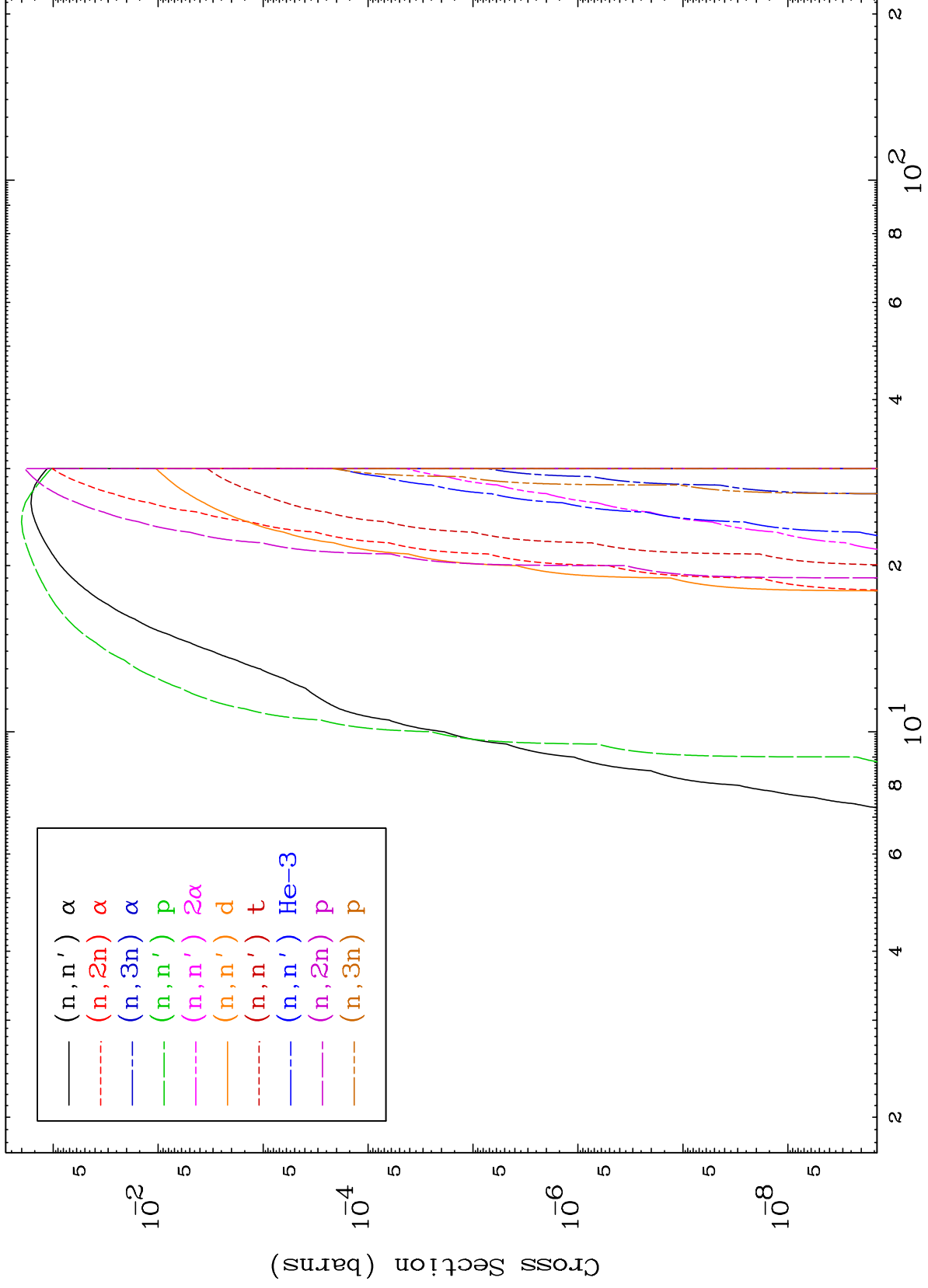
Incident Energy (MeV)

50-Sn-112

MAT 5025

Charged Particle
293 Kelvin Cross Sections

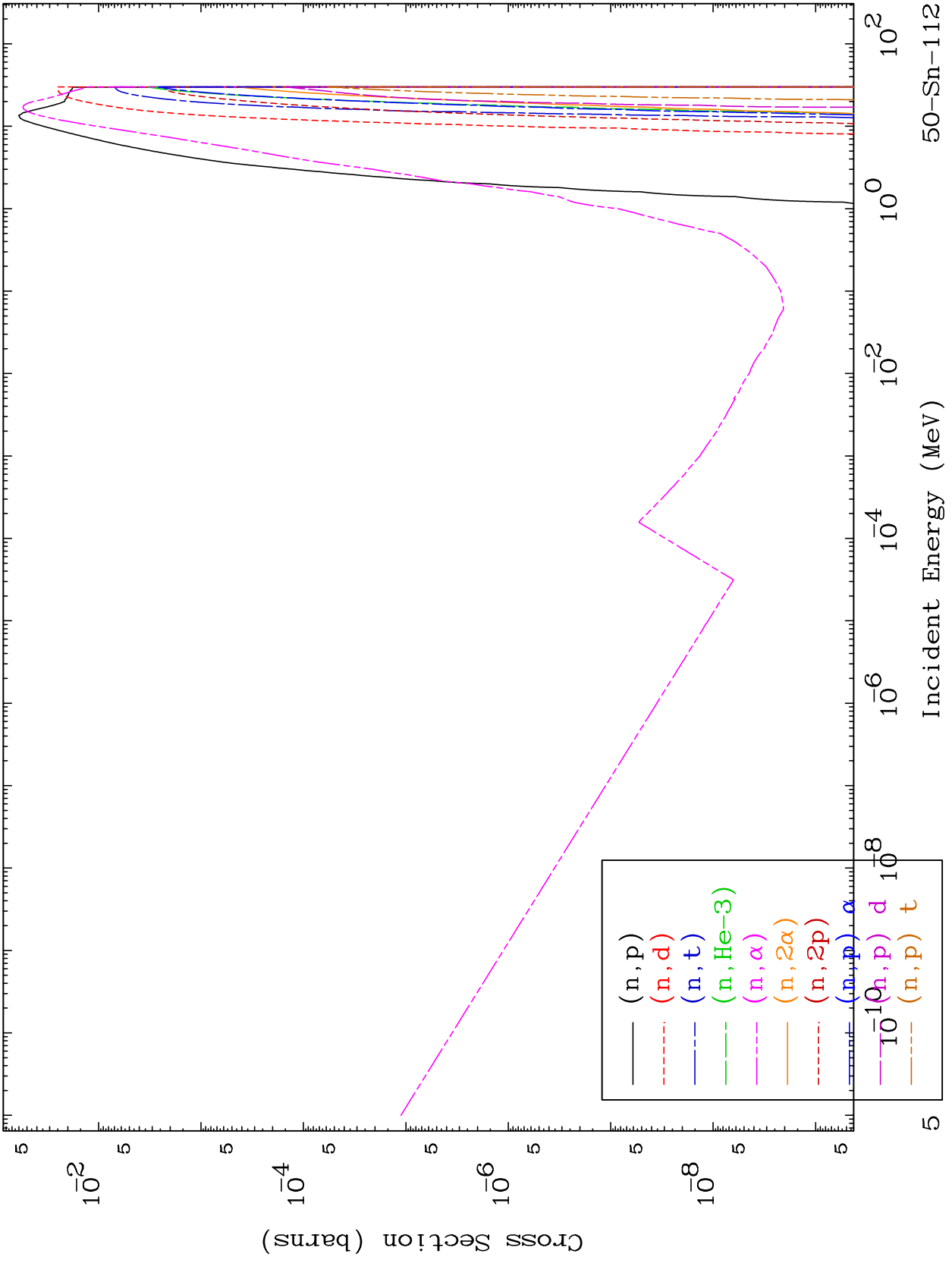
50-Sn-112

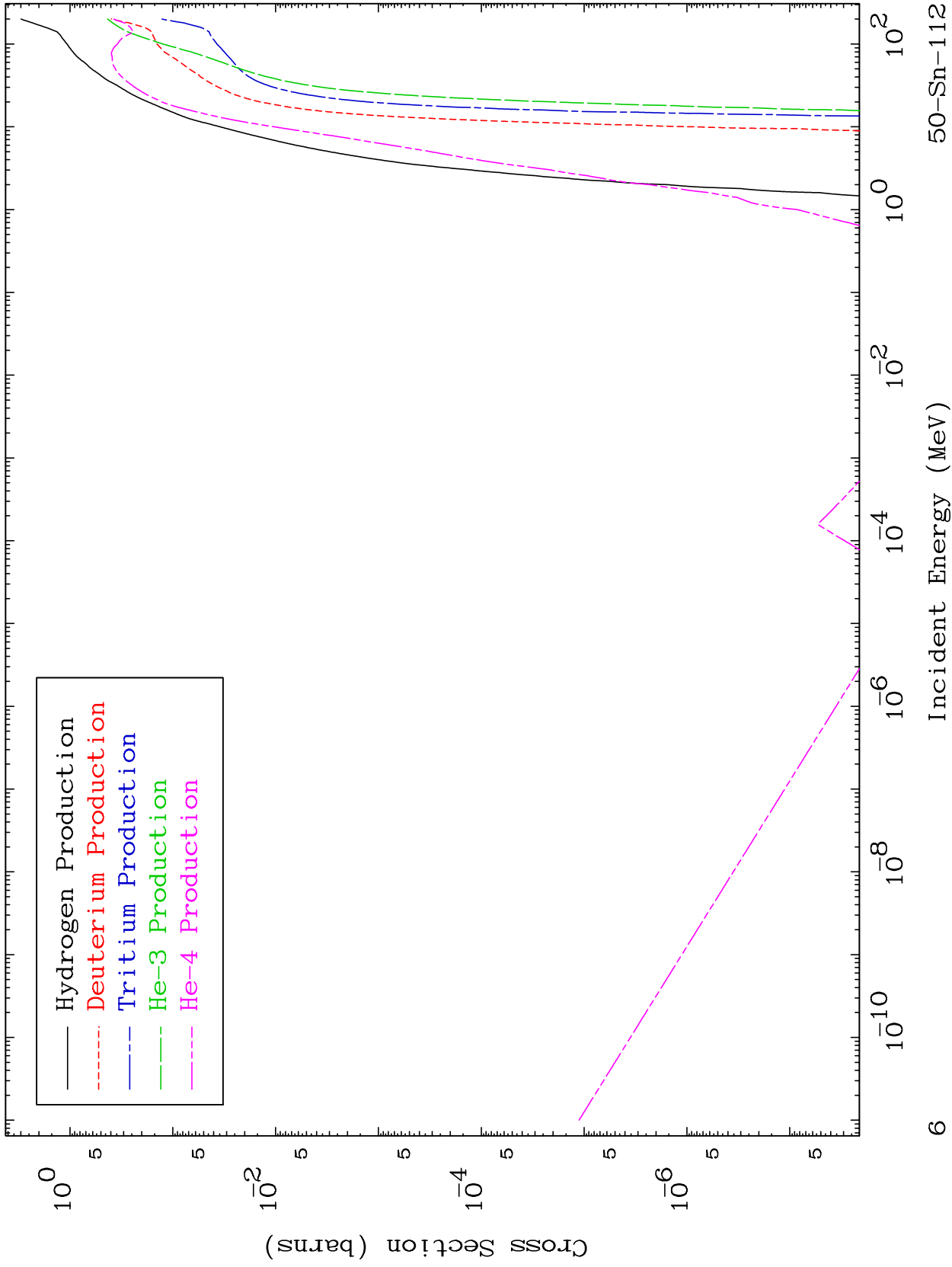


MAT 5025

Charged Particle
293 Kelvin Cross Sections

50-Sn-112



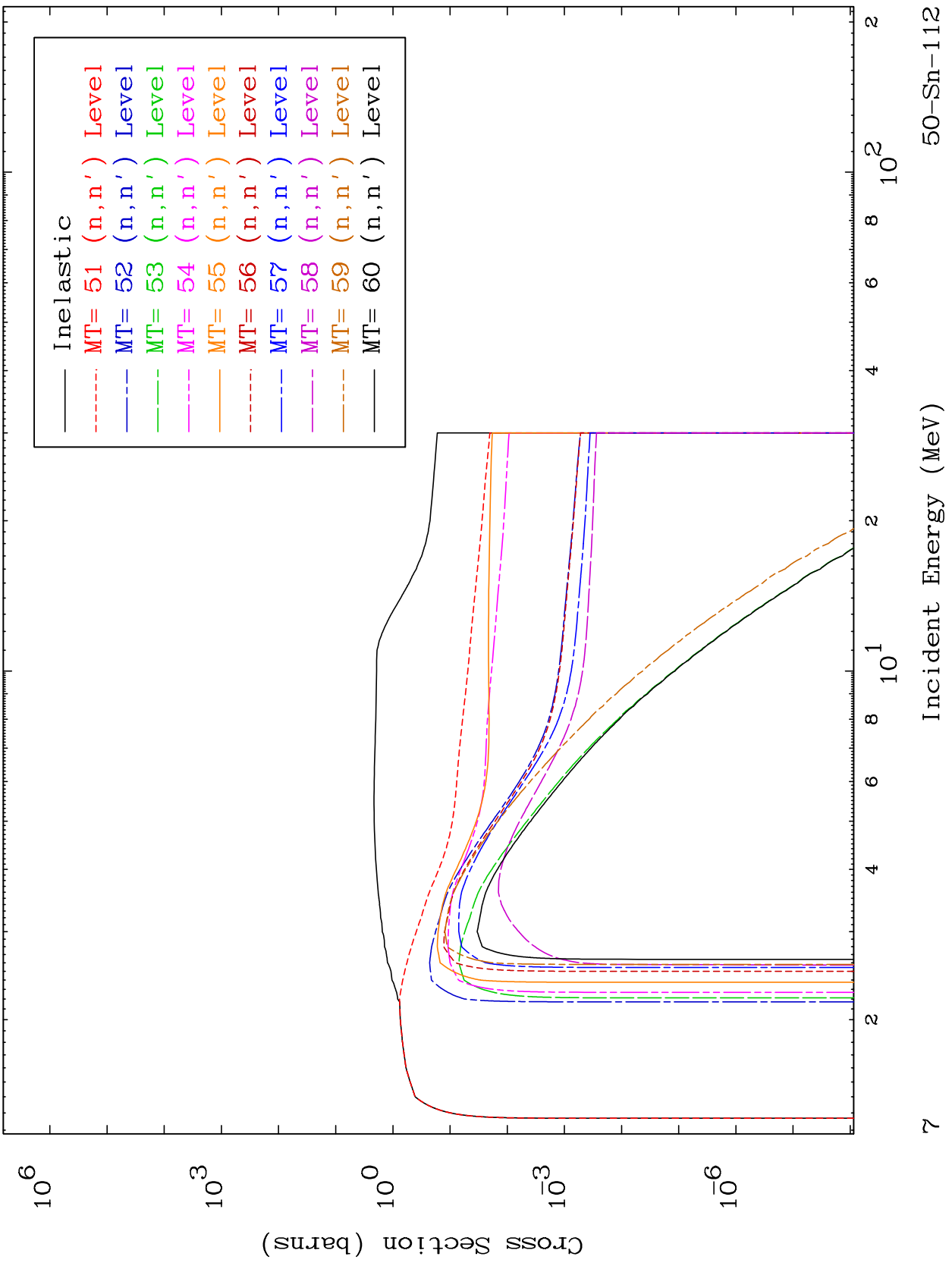


MAT 5025

(n,n') Level

50-Sn-112

293 Kelvin Cross Sections

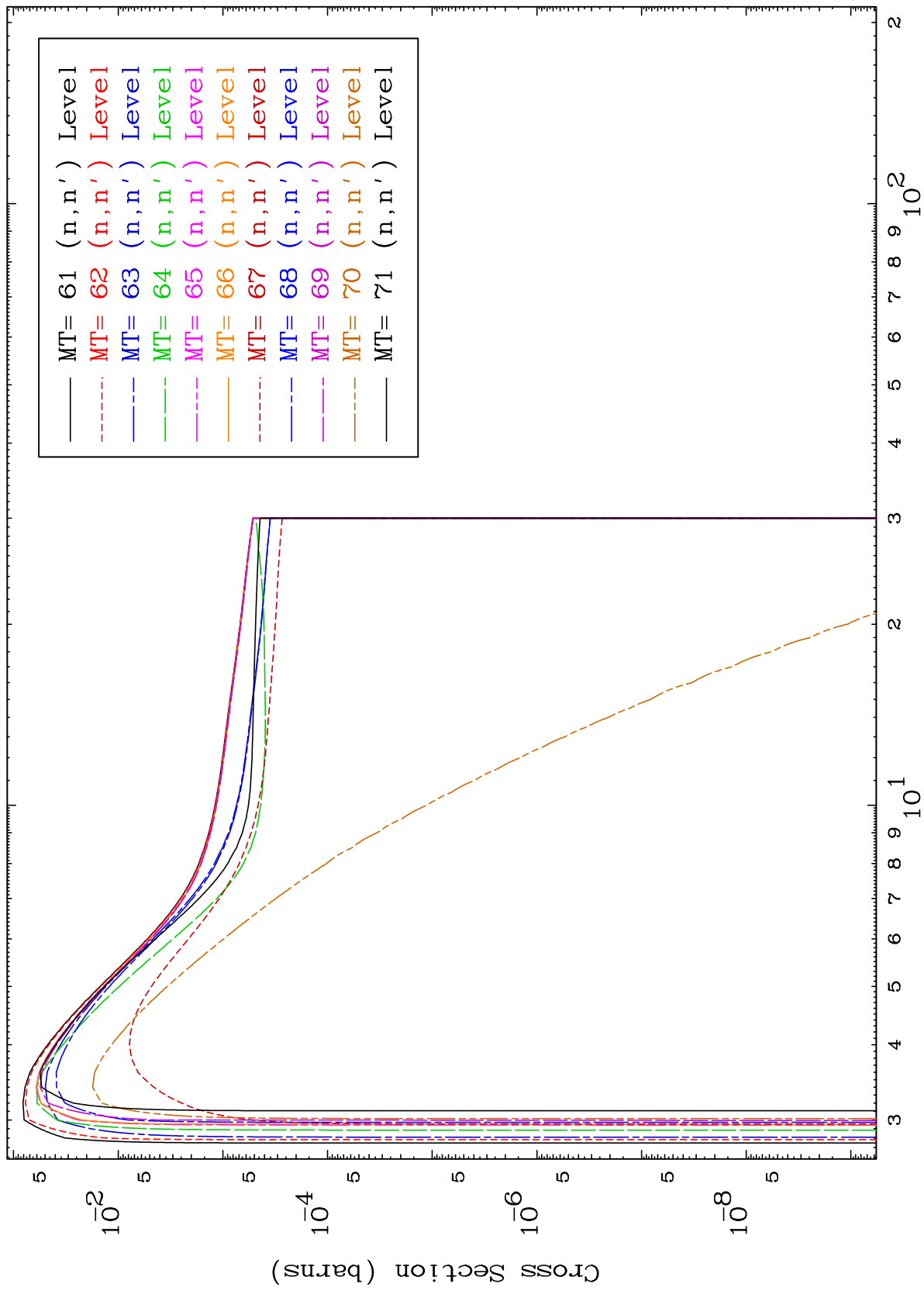


MAT 5025

(n,n') Level

50-Sn-112

293 Kelvin Cross Sections



8

Incident Energy (MeV)

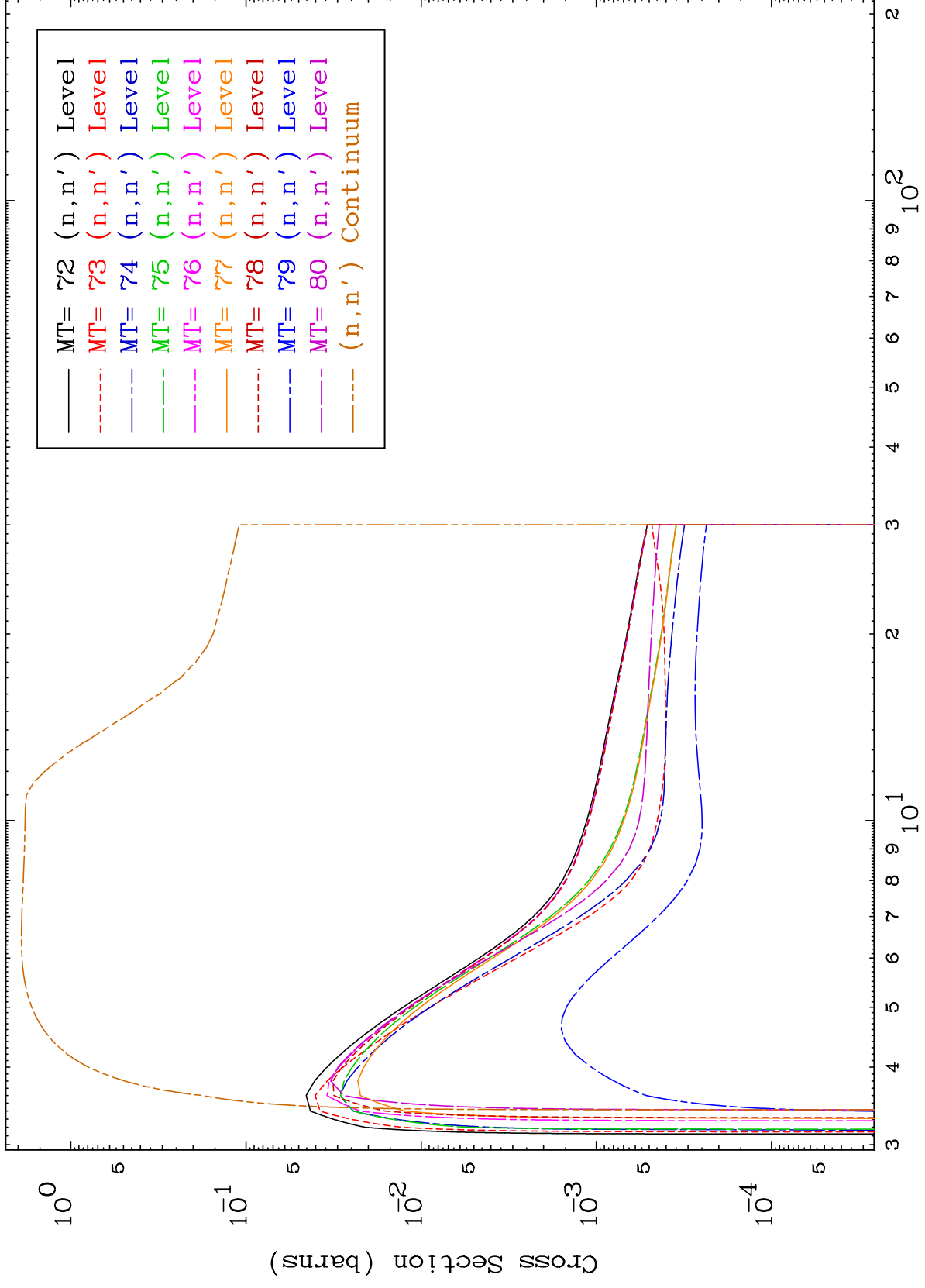
50-Sn-112

MAT 5025

(n,n') Level

50-Sn-112

293 Kelvin Cross Sections



Incident Energy (MeV)

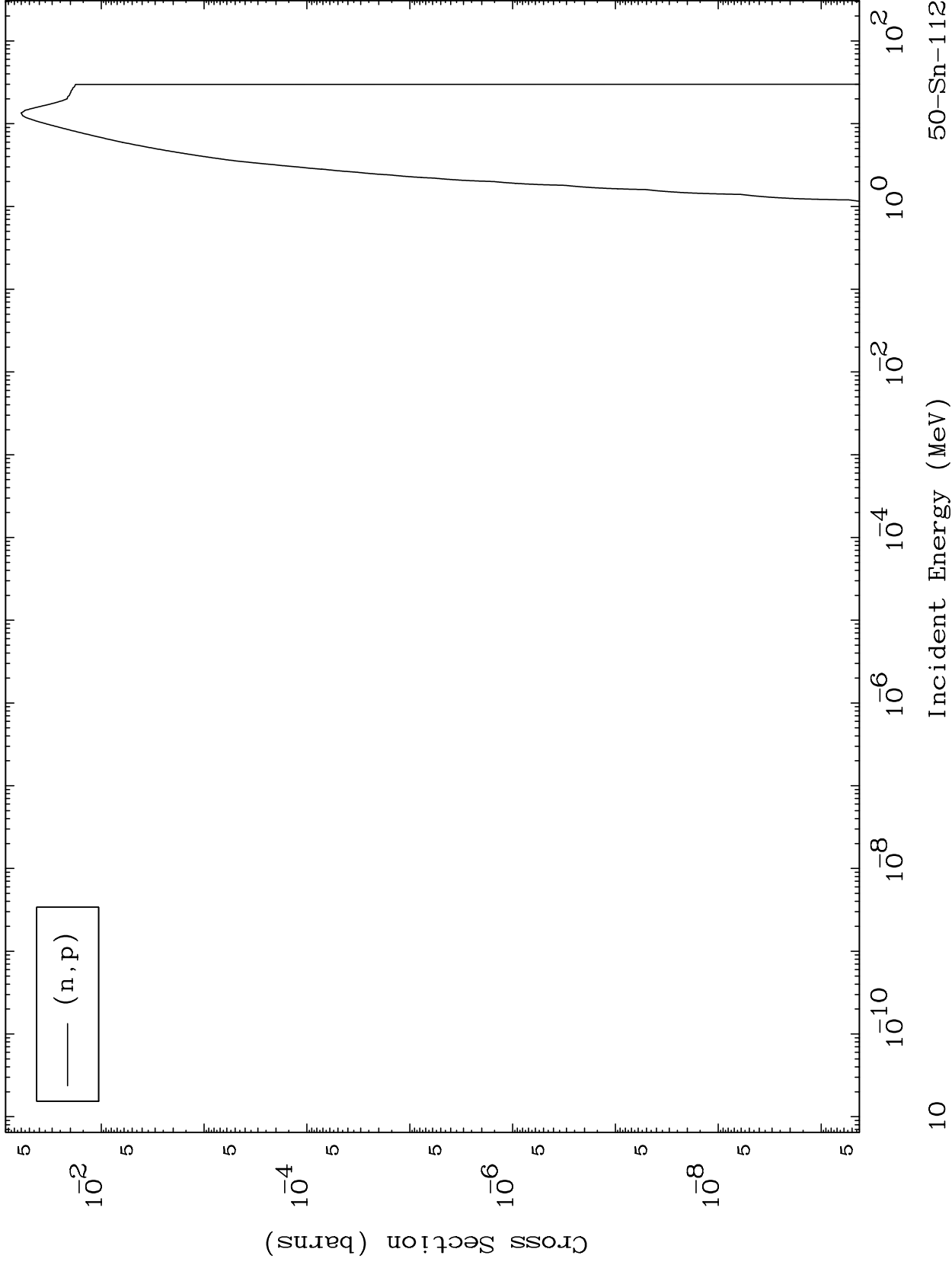
50-Sn-112

9

MAT 5025

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-112



10

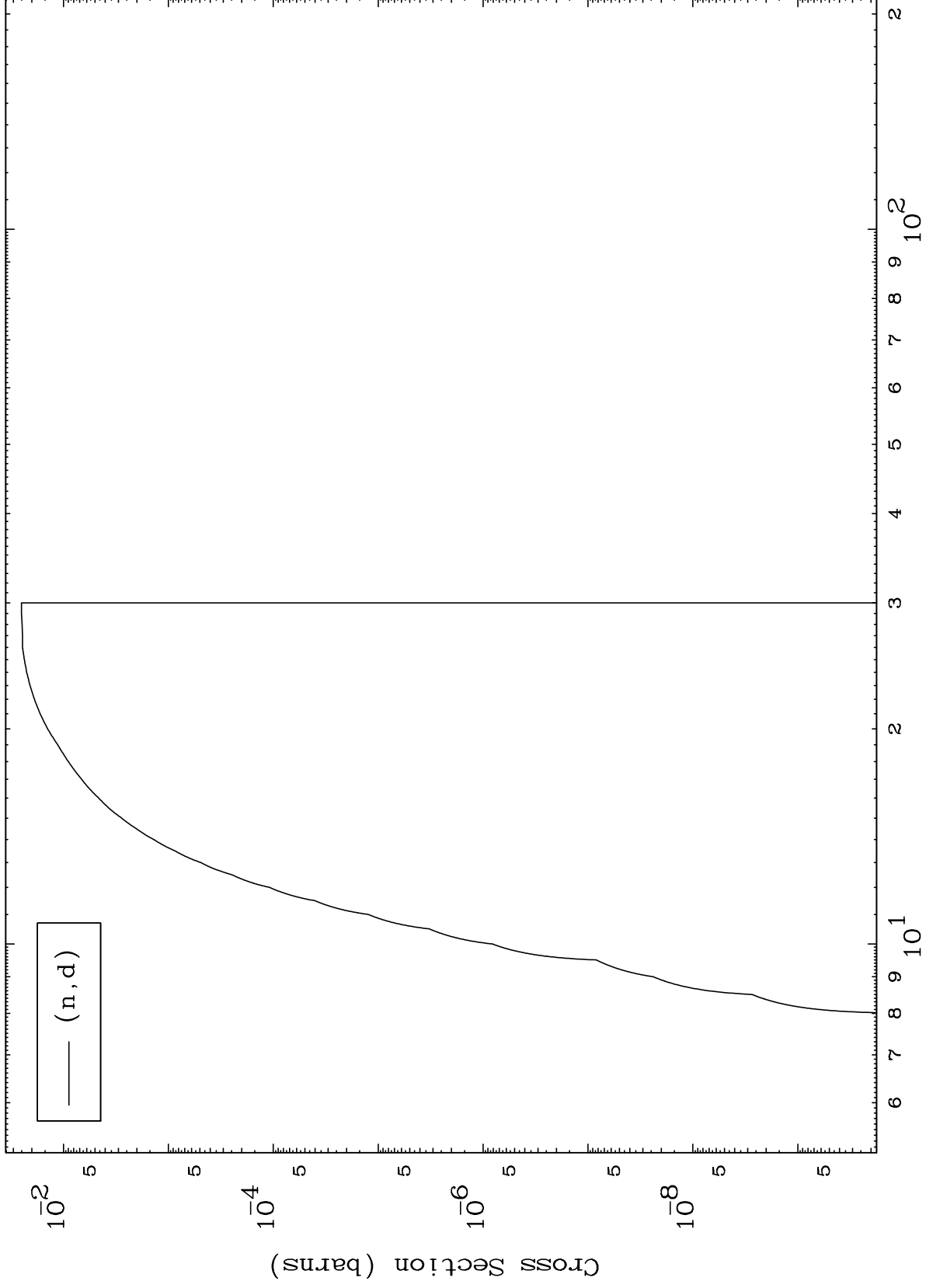
Incident Energy (MeV)

50-Sn-112

MAT 5025

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-112



11

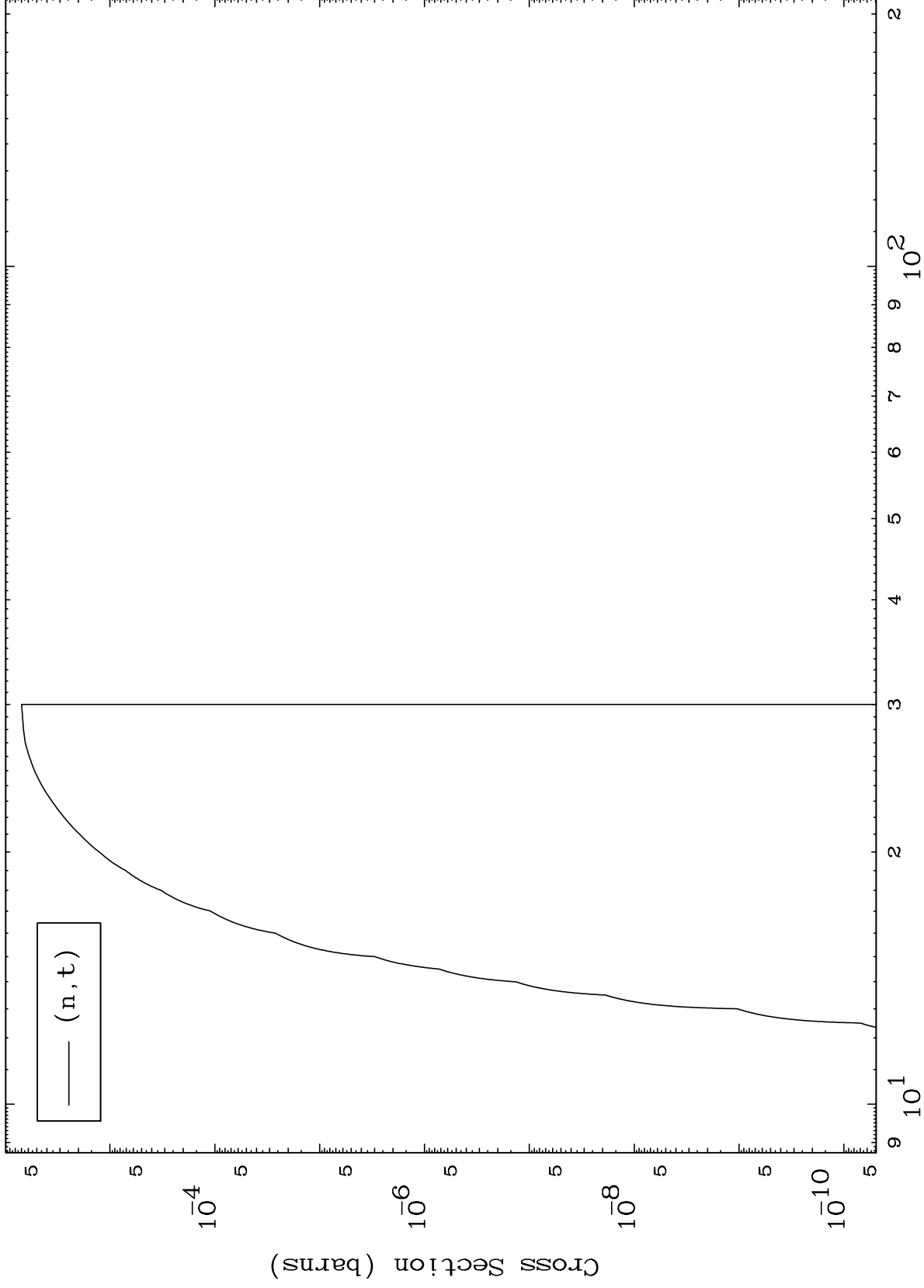
Incident Energy (MeV)

50-Sn-112

MAT 5025

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-112



Incident Energy (MeV)

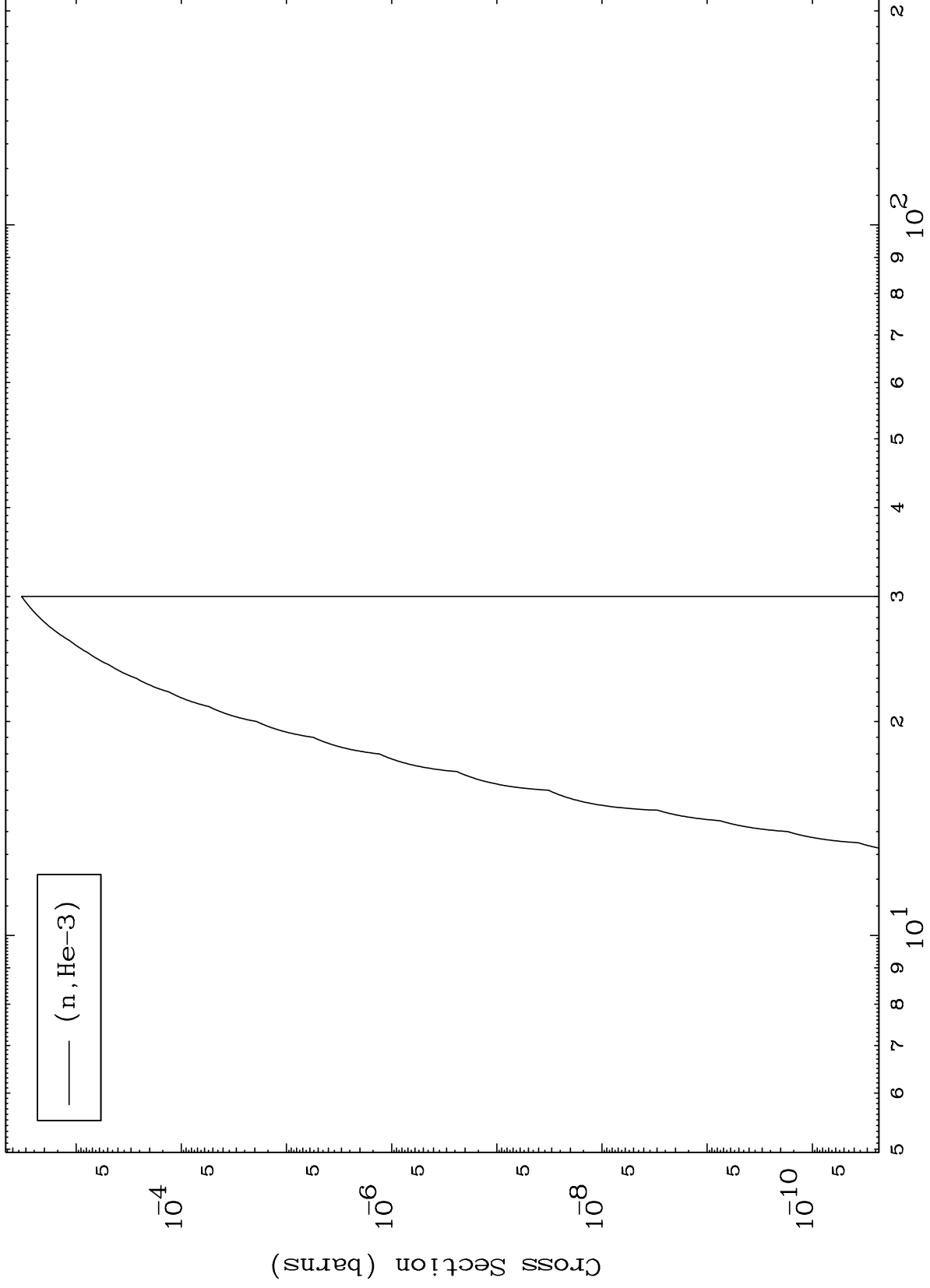
50-Sn-112

12

MAT 5025

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-112



13

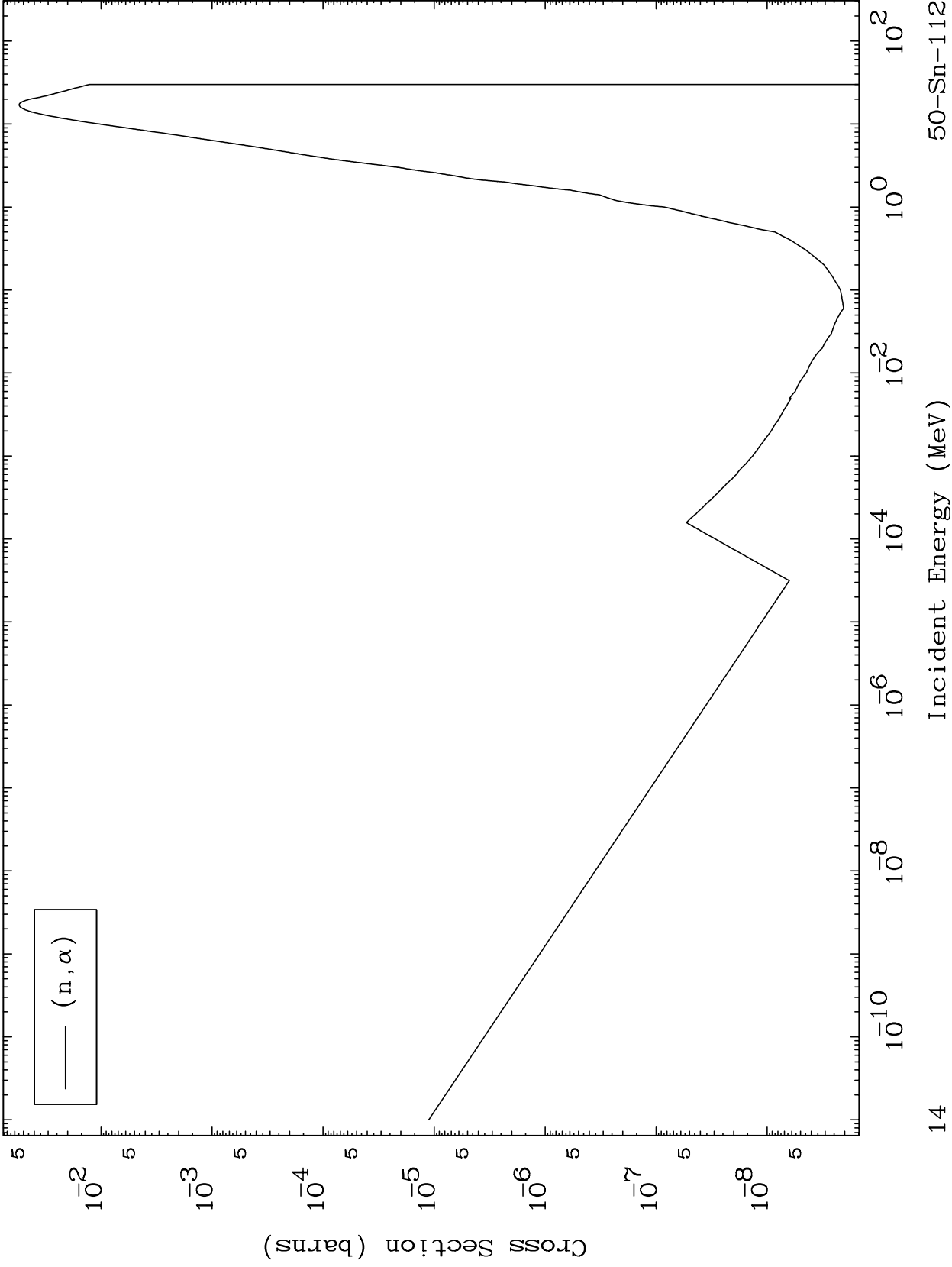
Incident Energy (MeV)

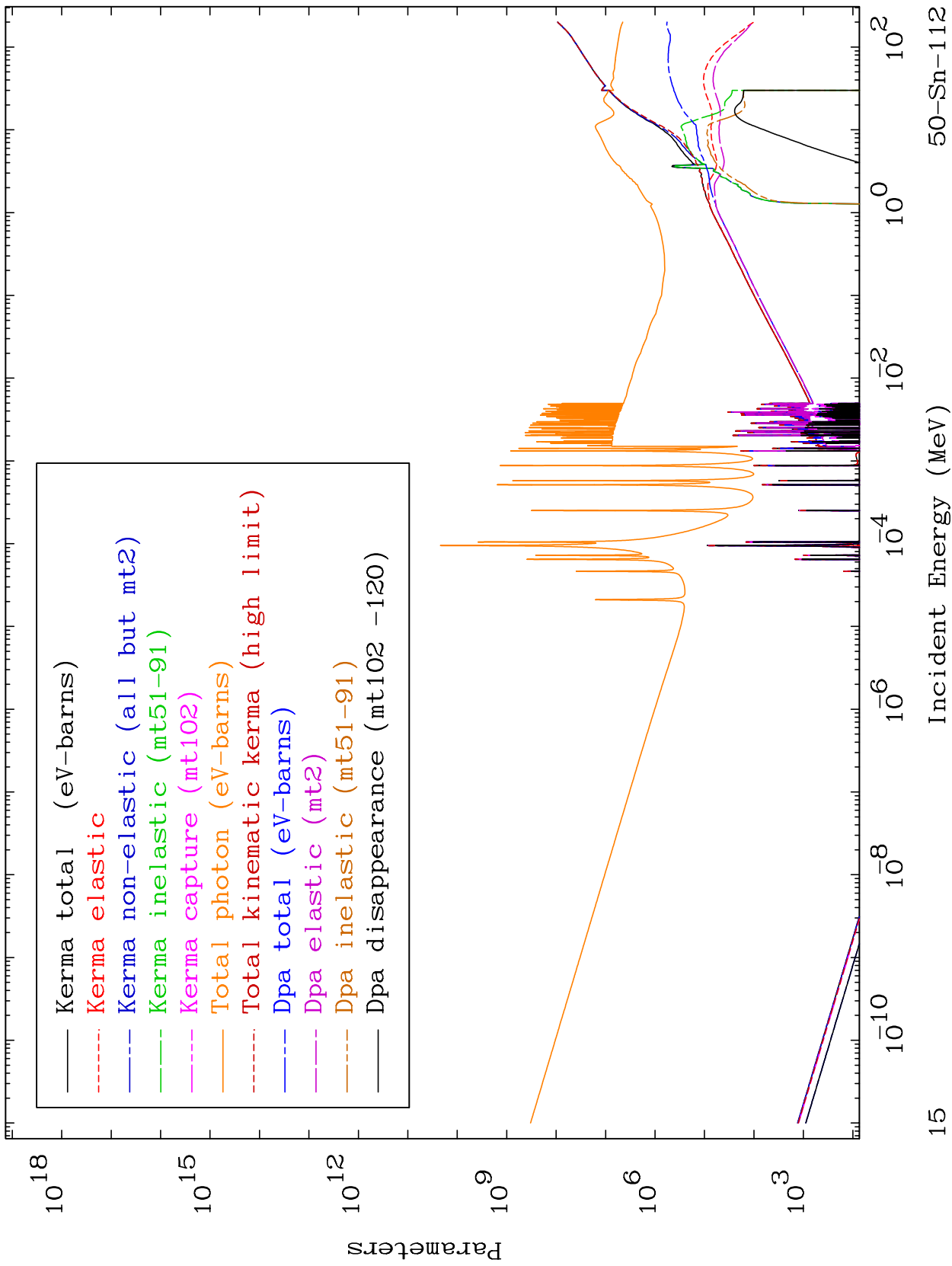
50-Sn-112

MAT 5025

(n, α) Levels
293 Kelvin Cross Sections

50-Sn-112

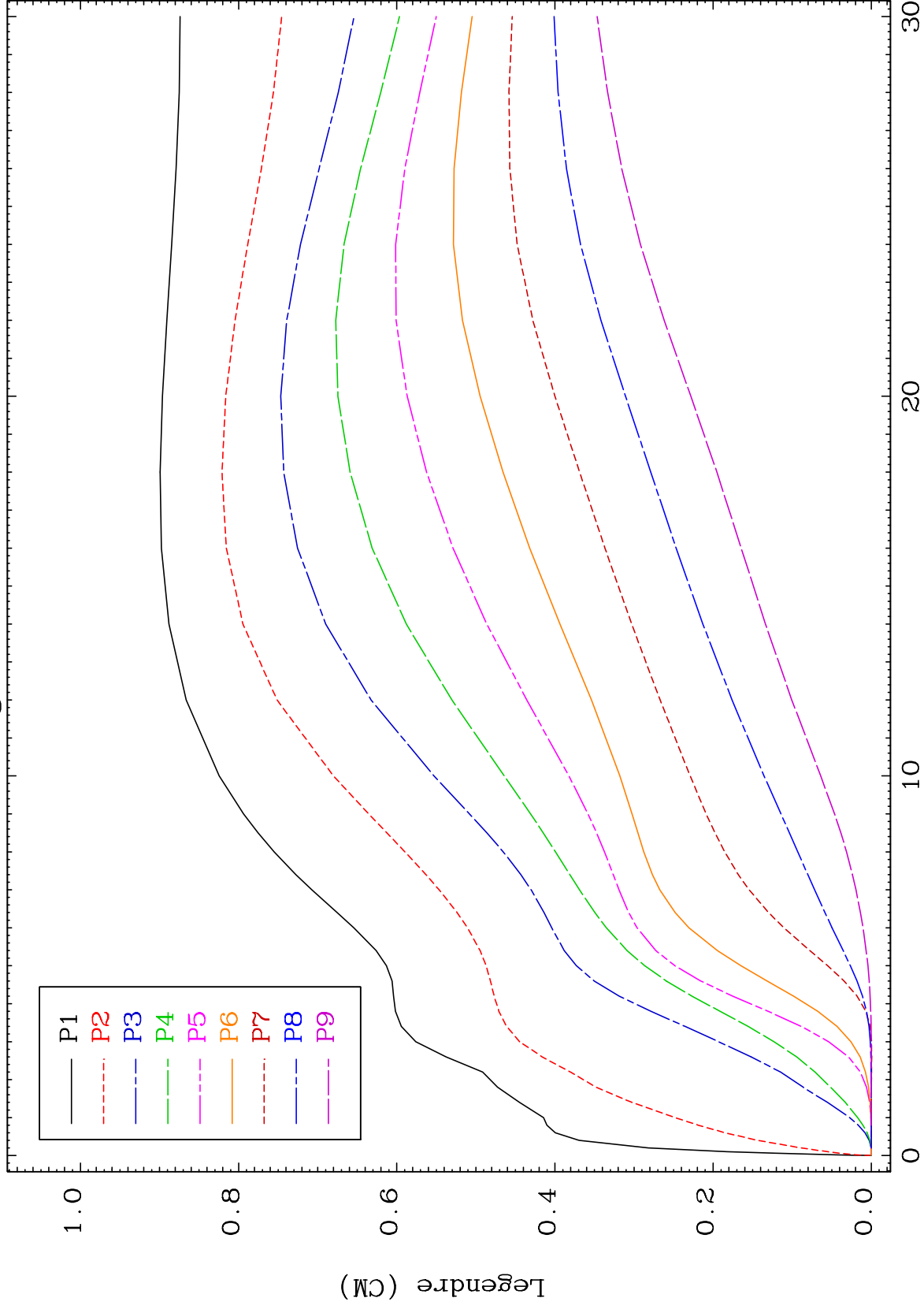




MAT 5025

Elastic Legendre Coefficients

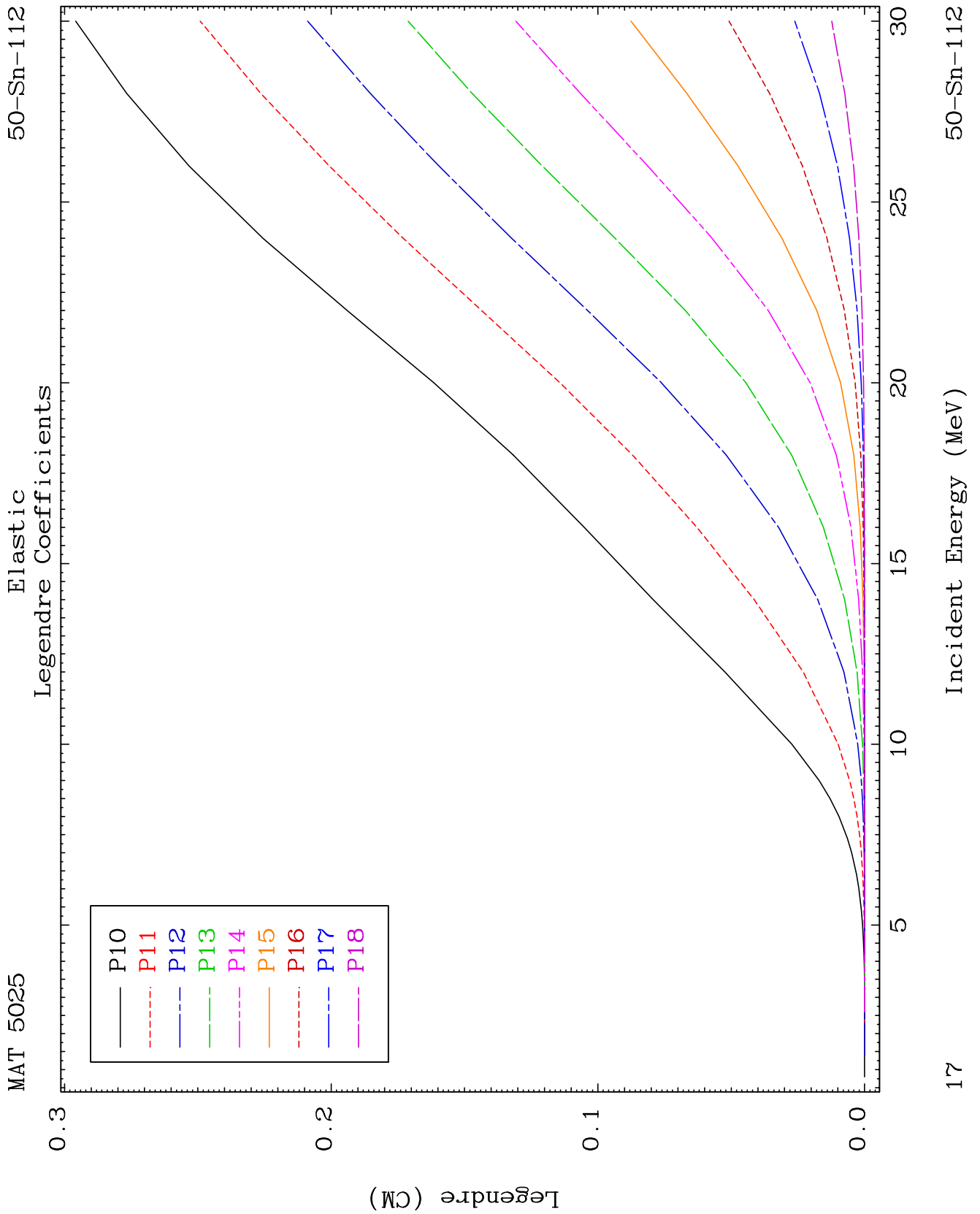
50-Sn-112



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Incident Energy (MeV)

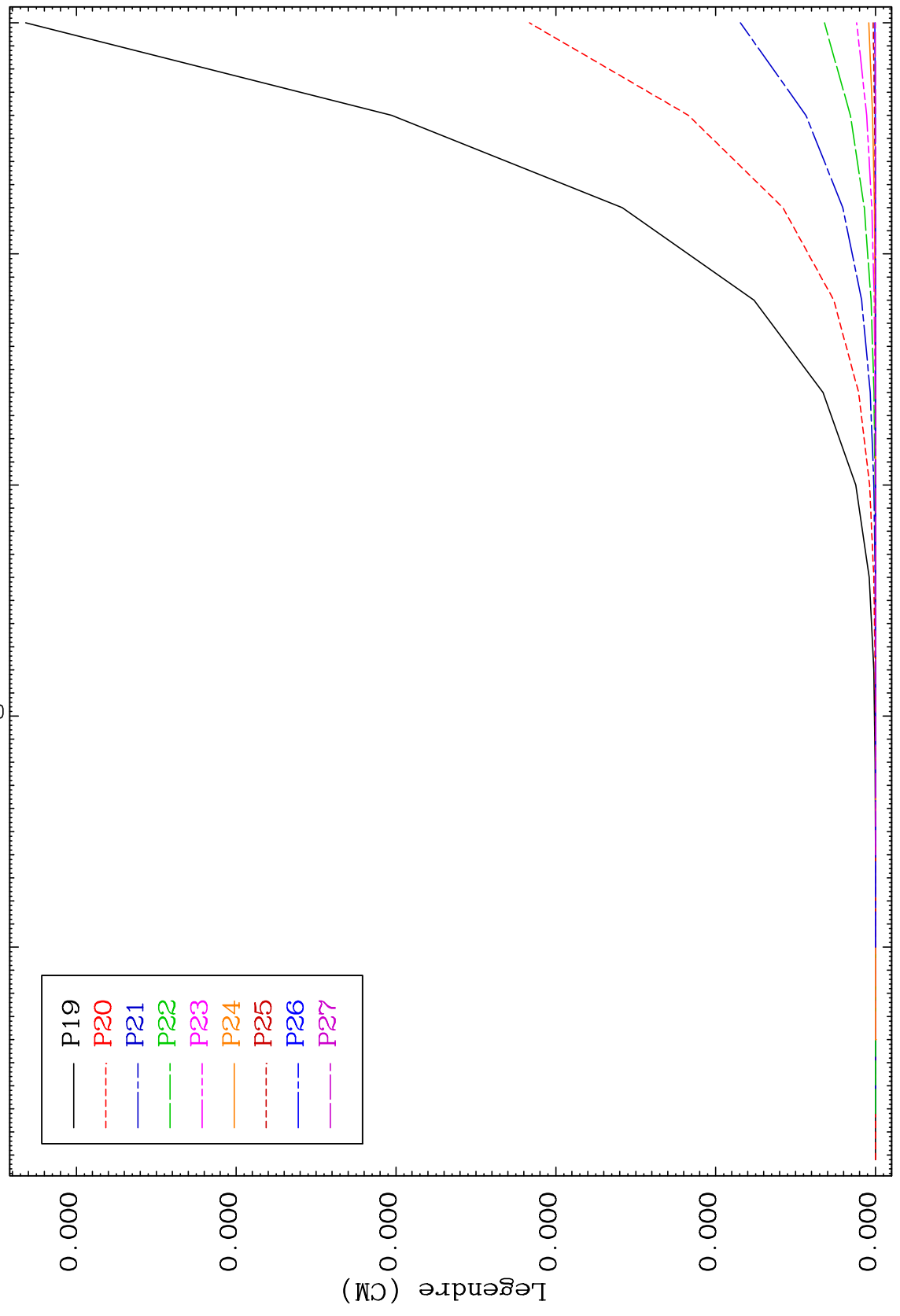
50-Sn-112



MAT 5025

Elastic Legendre Coefficients

50-Sn-112



18

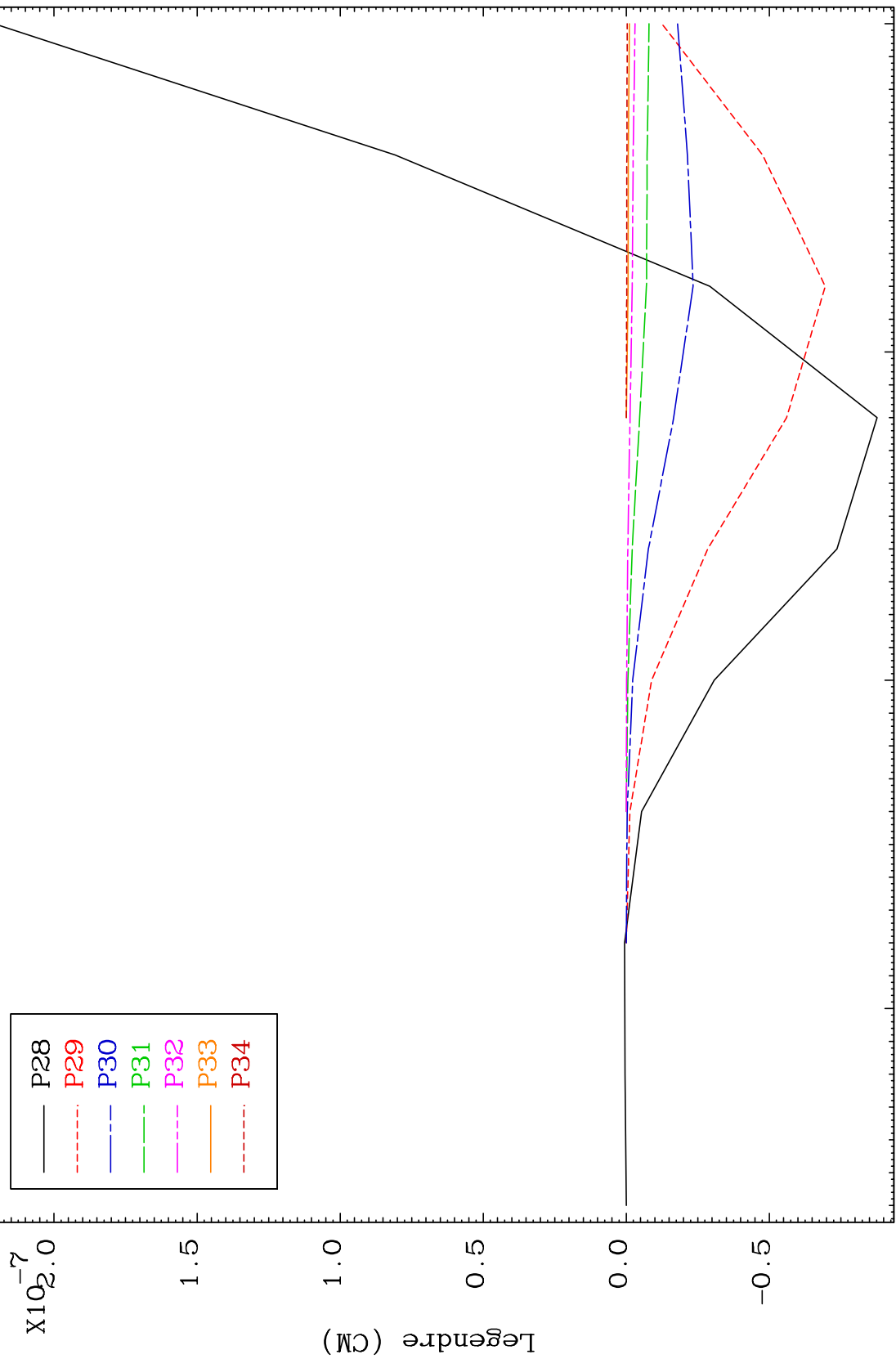
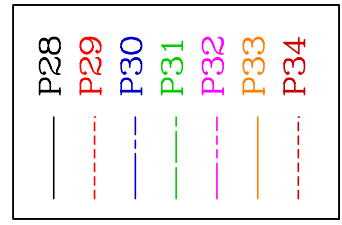
Incident Energy (MeV)

50-Sn-112

MAT 5025

Elastic Legendre Coefficients

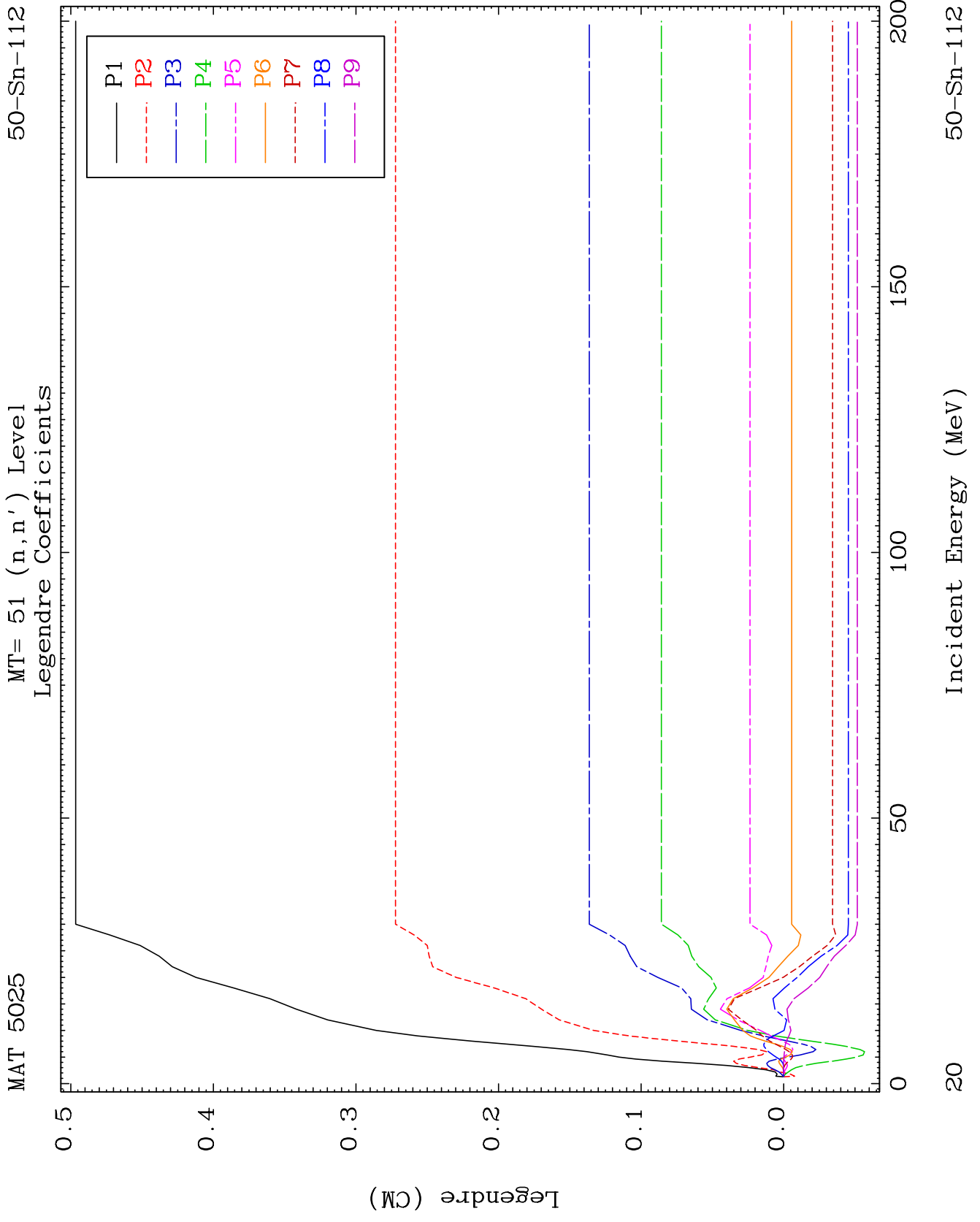
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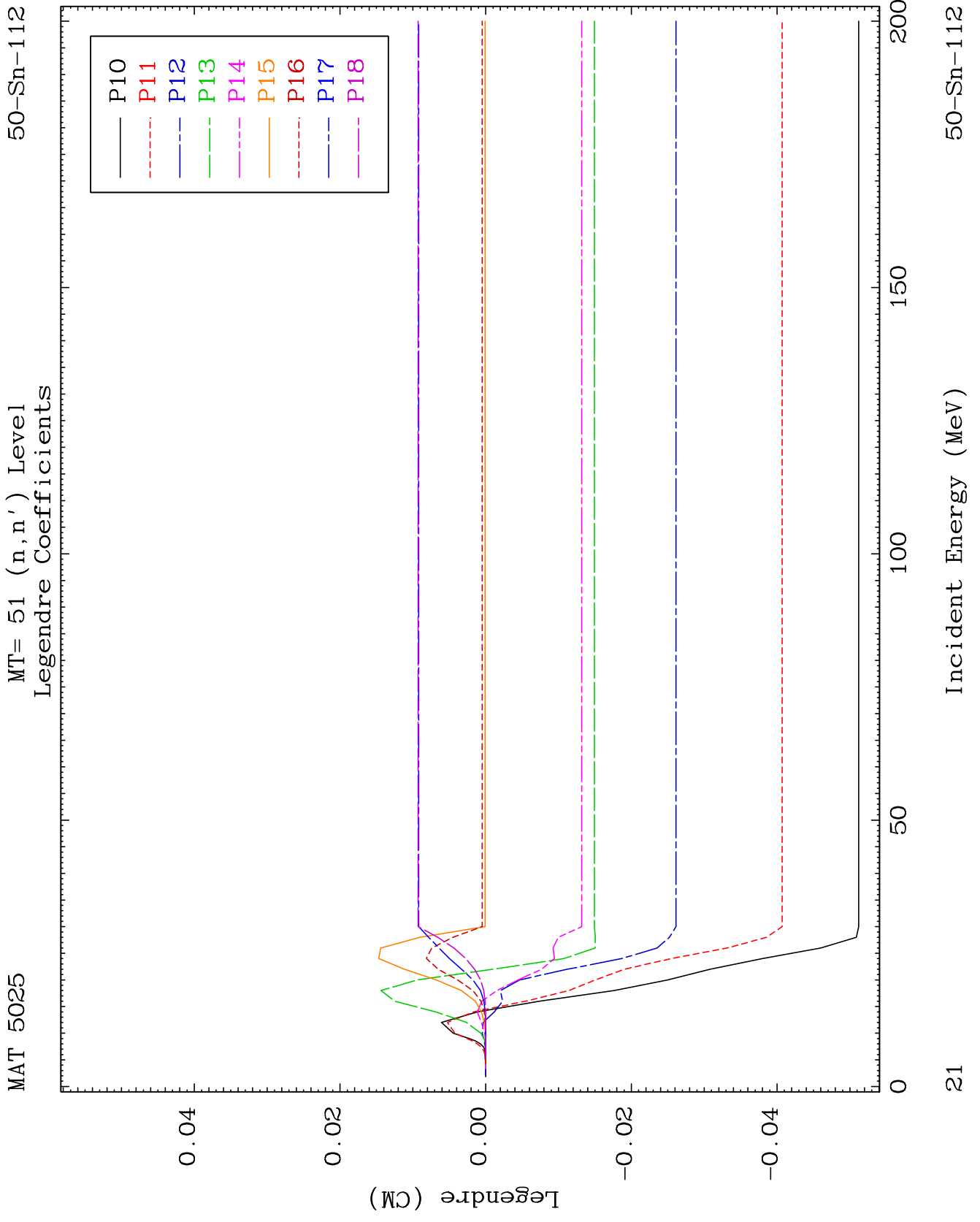


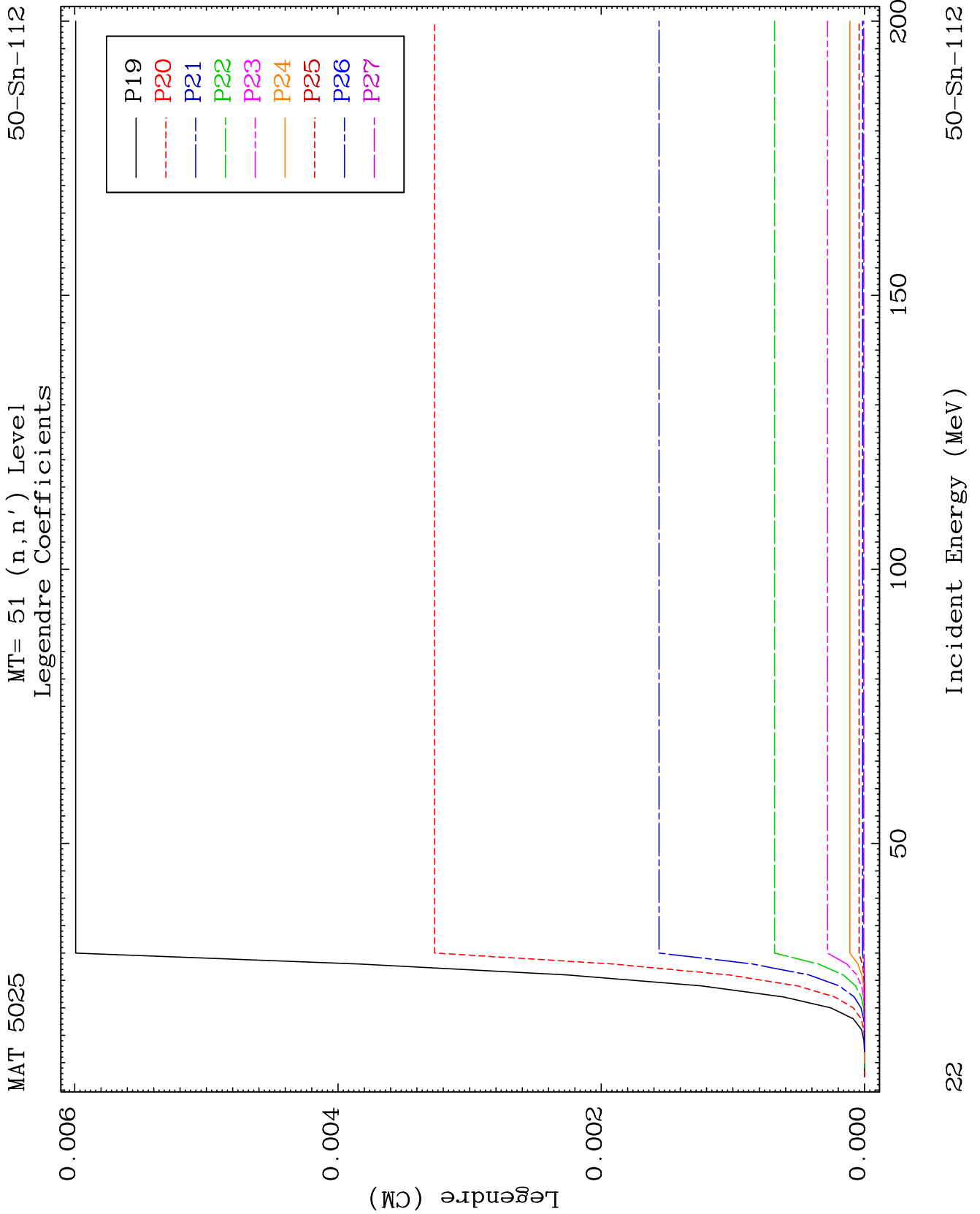
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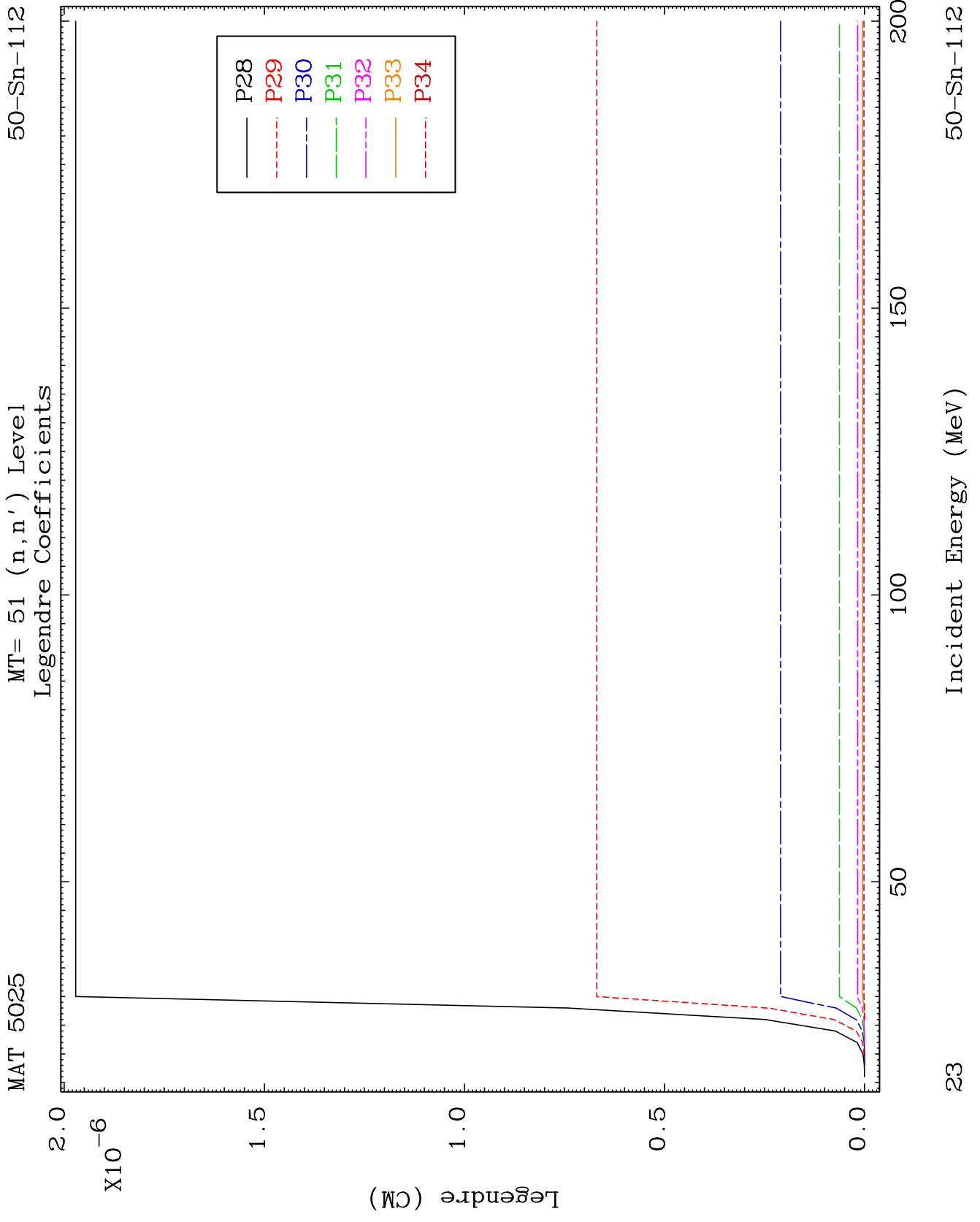
Incident Energy (MeV)

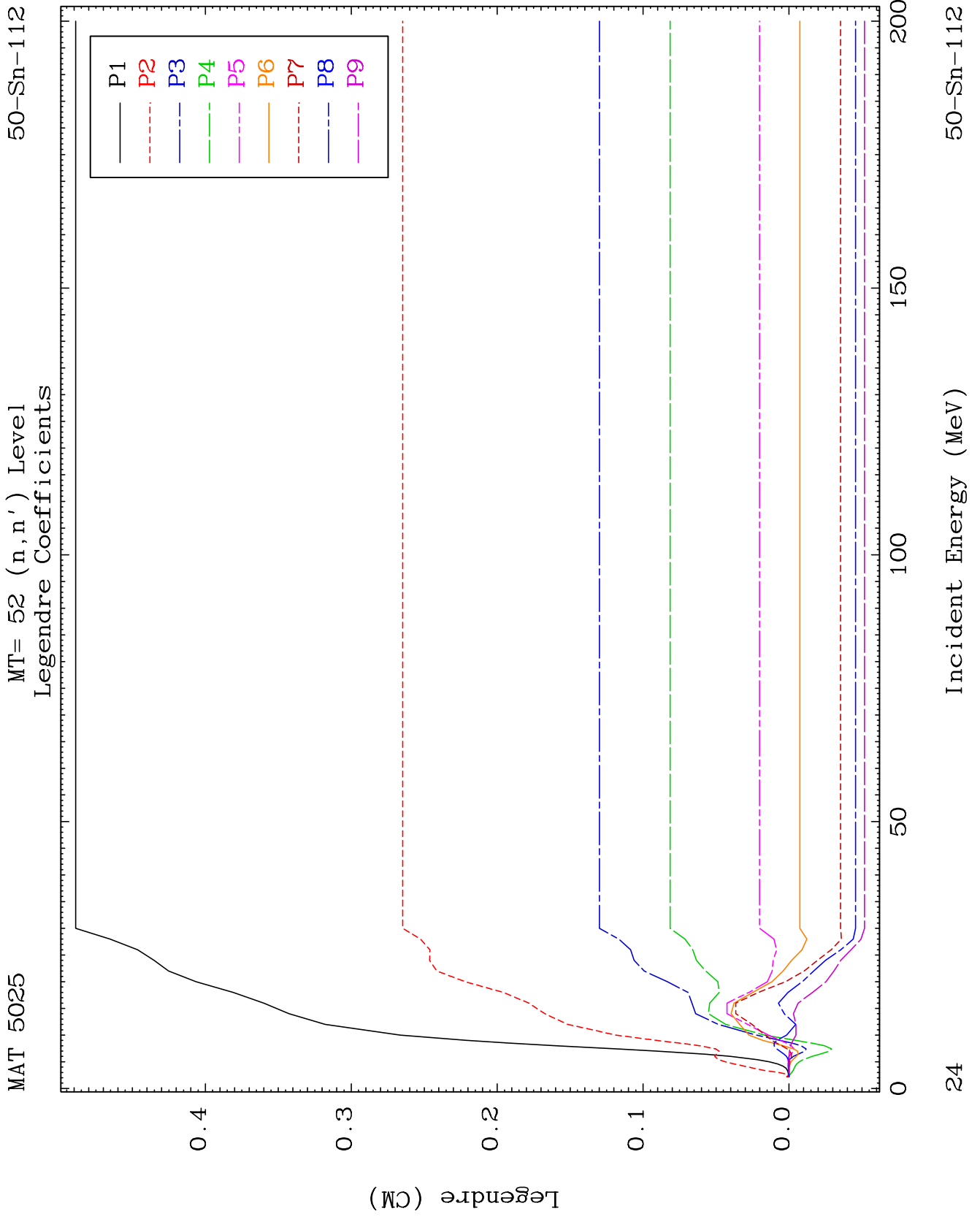
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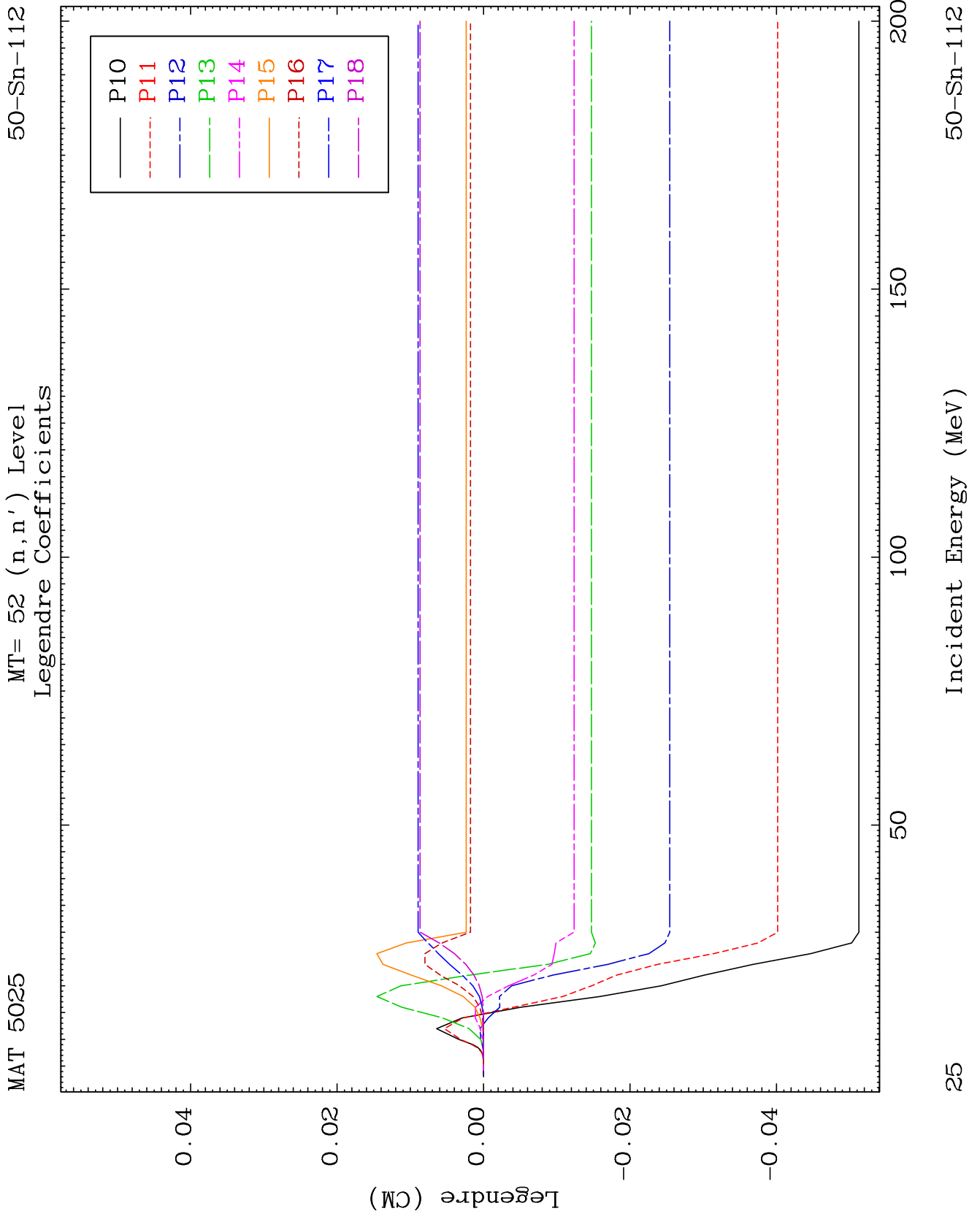








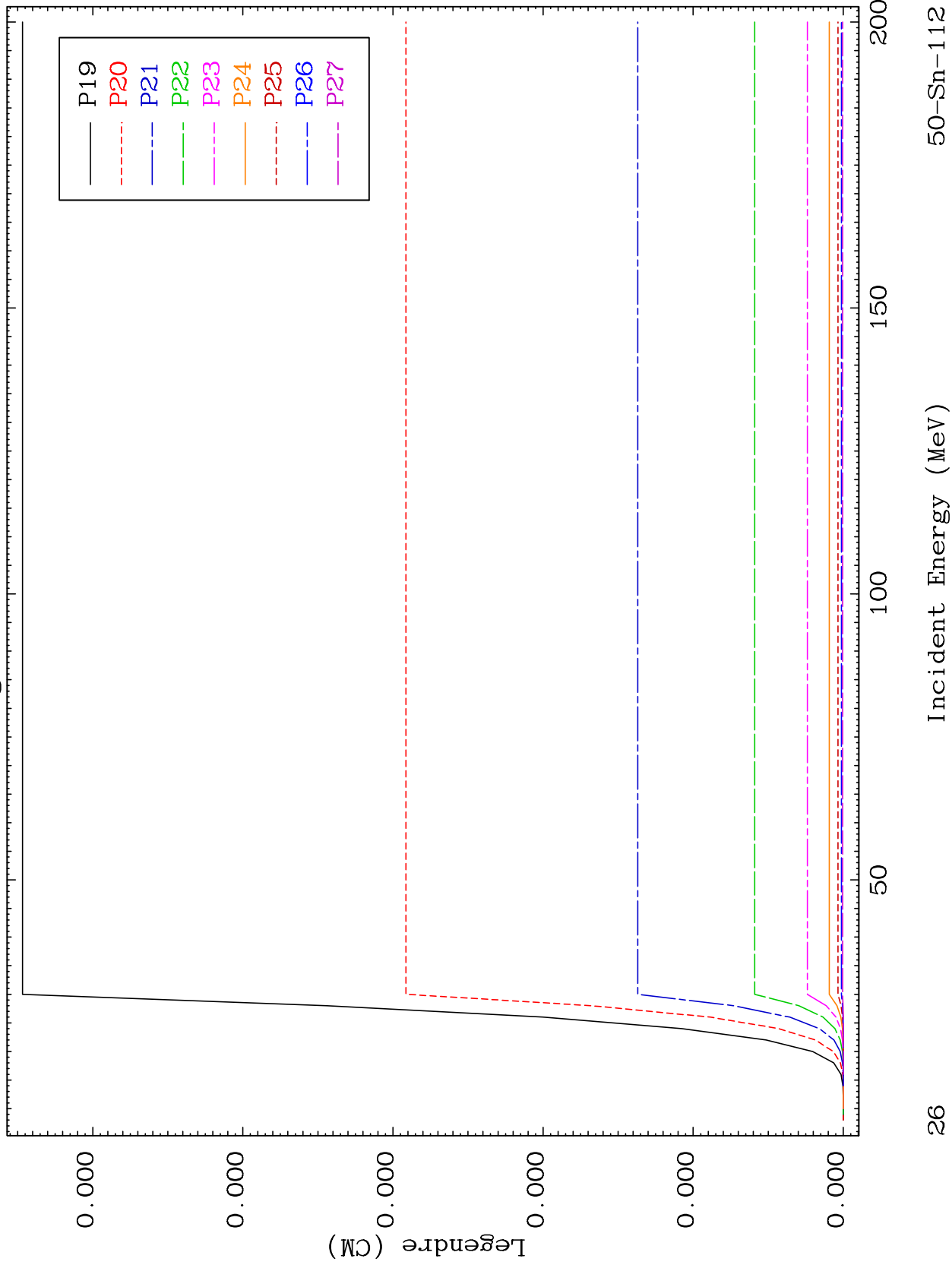




MAT 5025

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

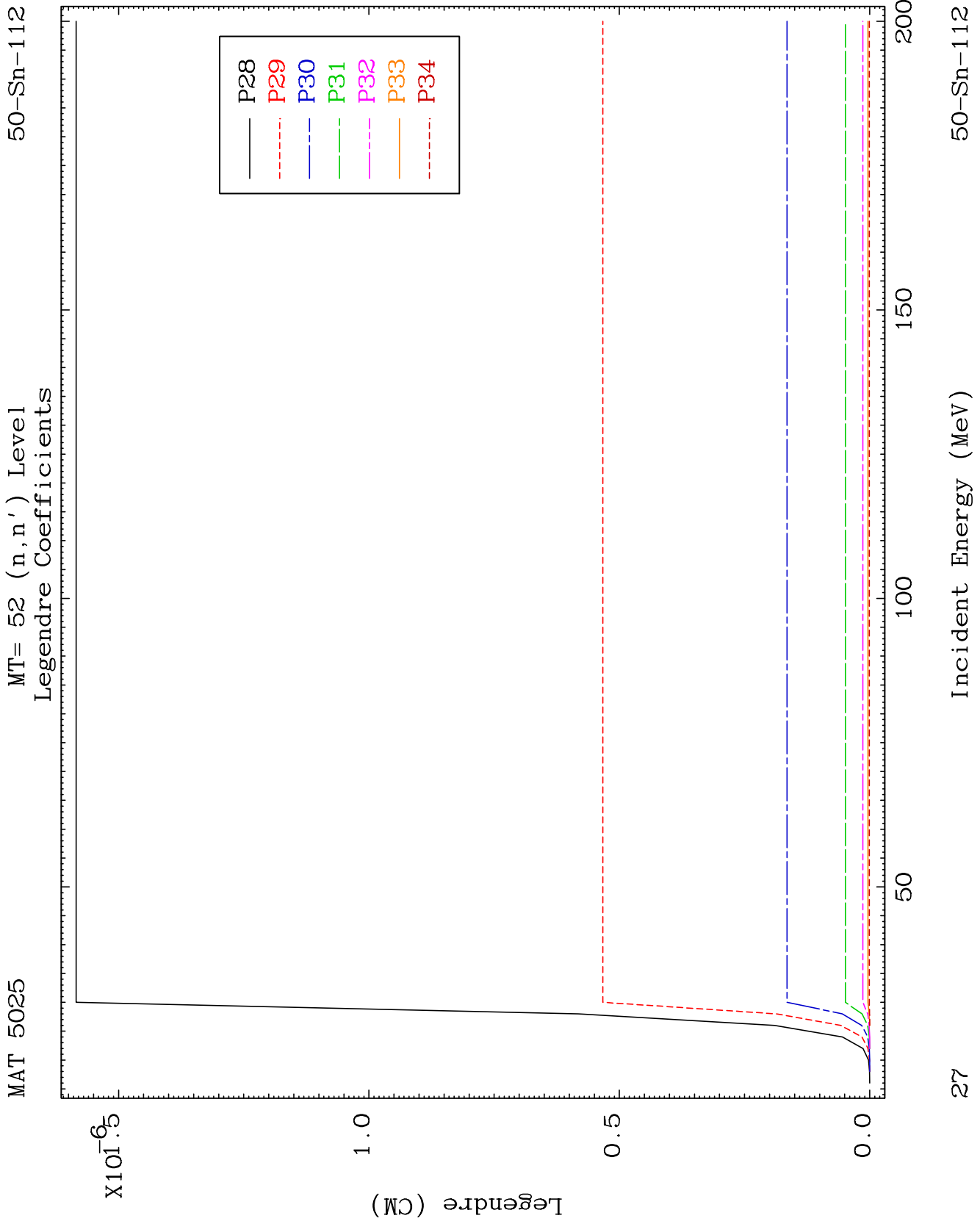
50-Sn-112

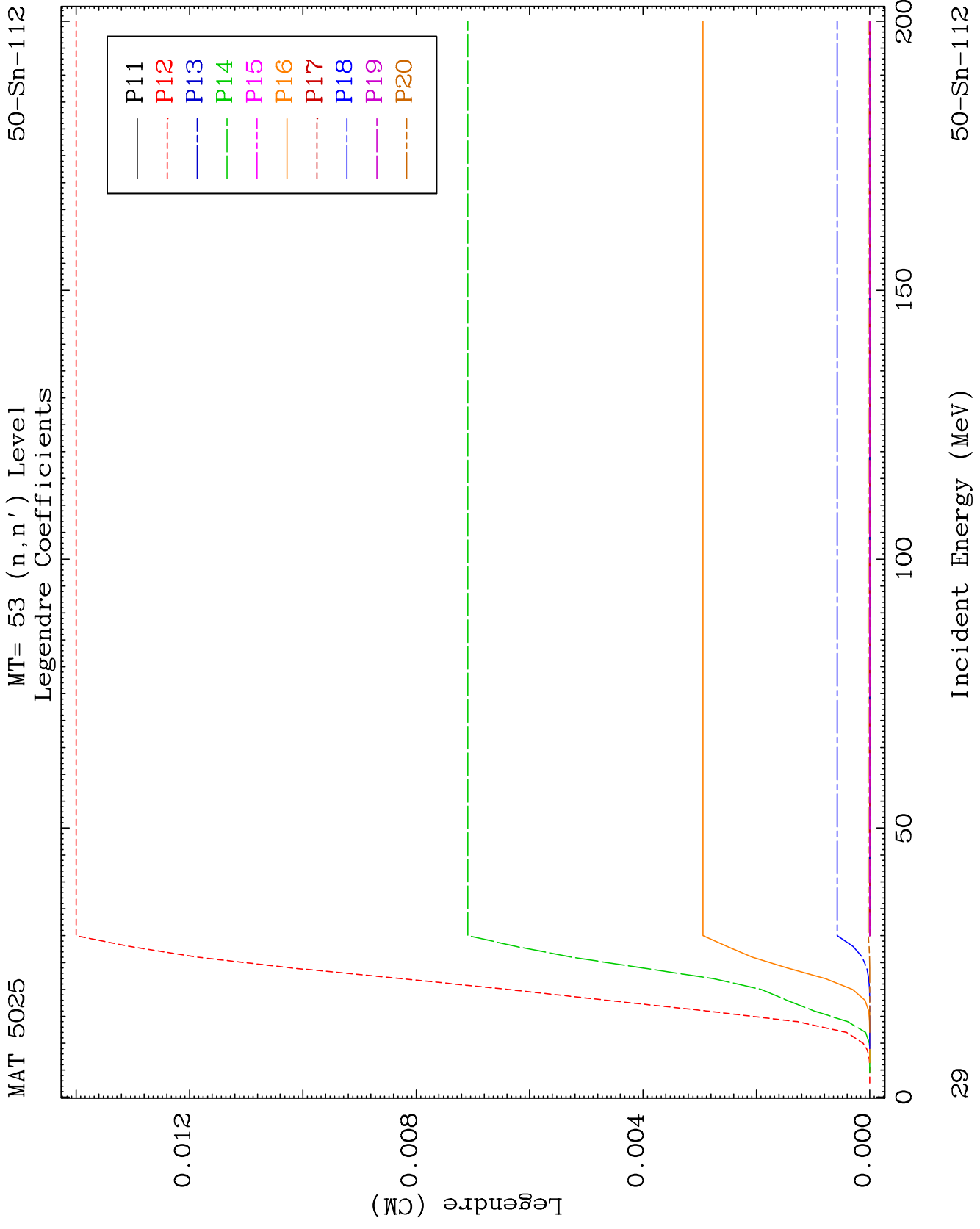


26

Incident Energy (MeV)

50-Sn-112

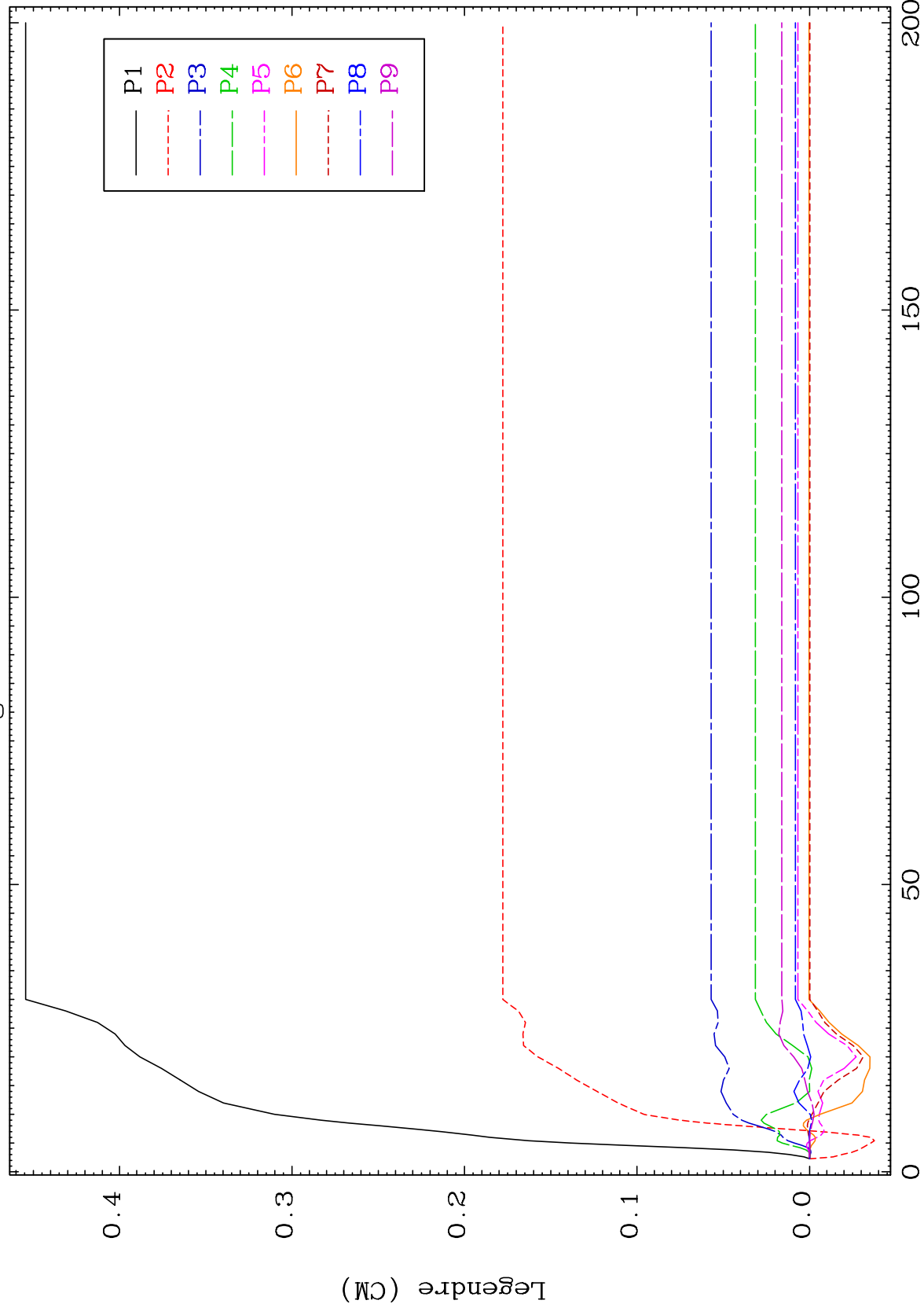




MAT 5025

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

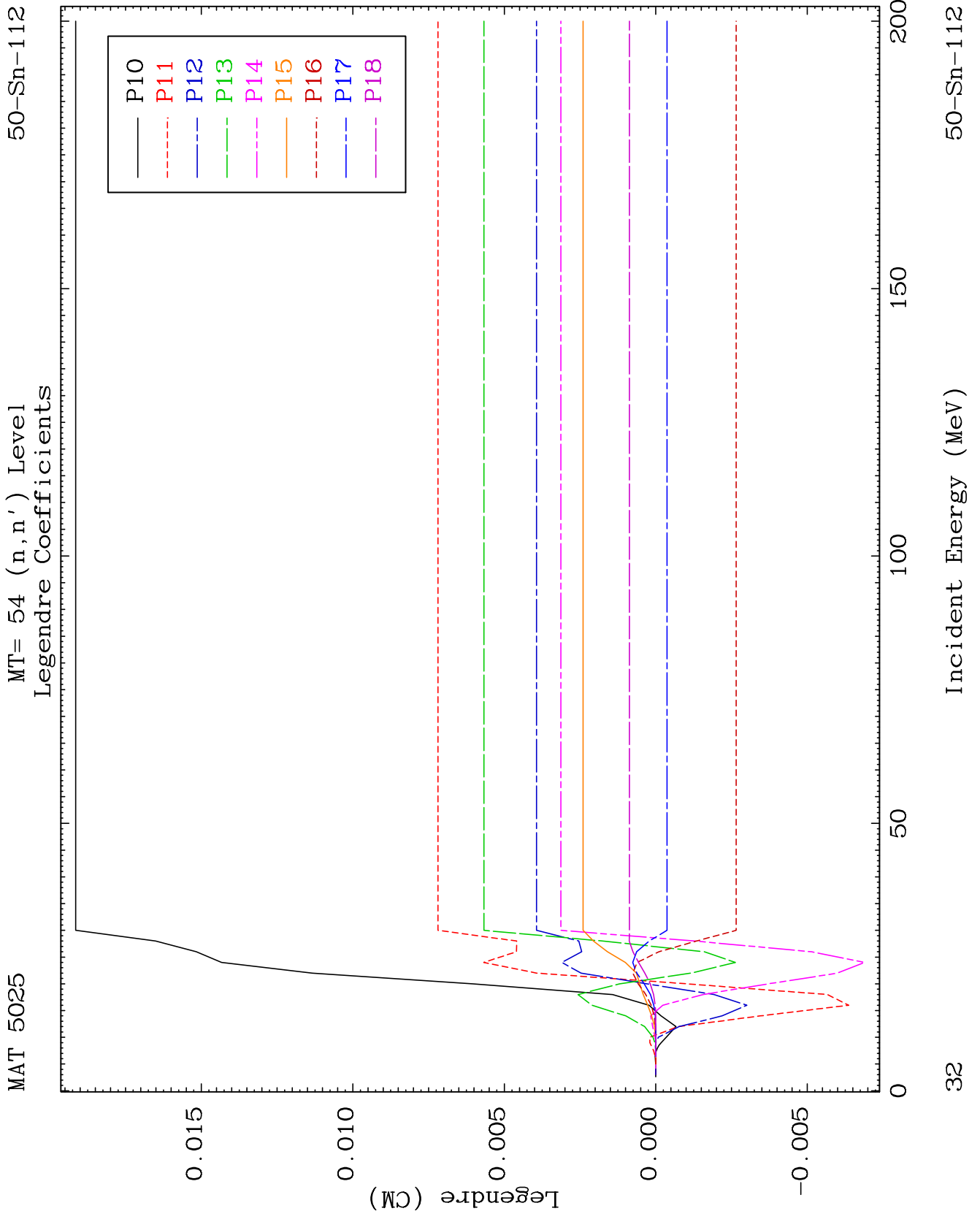
50-Sn-112



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Incident Energy (MeV)

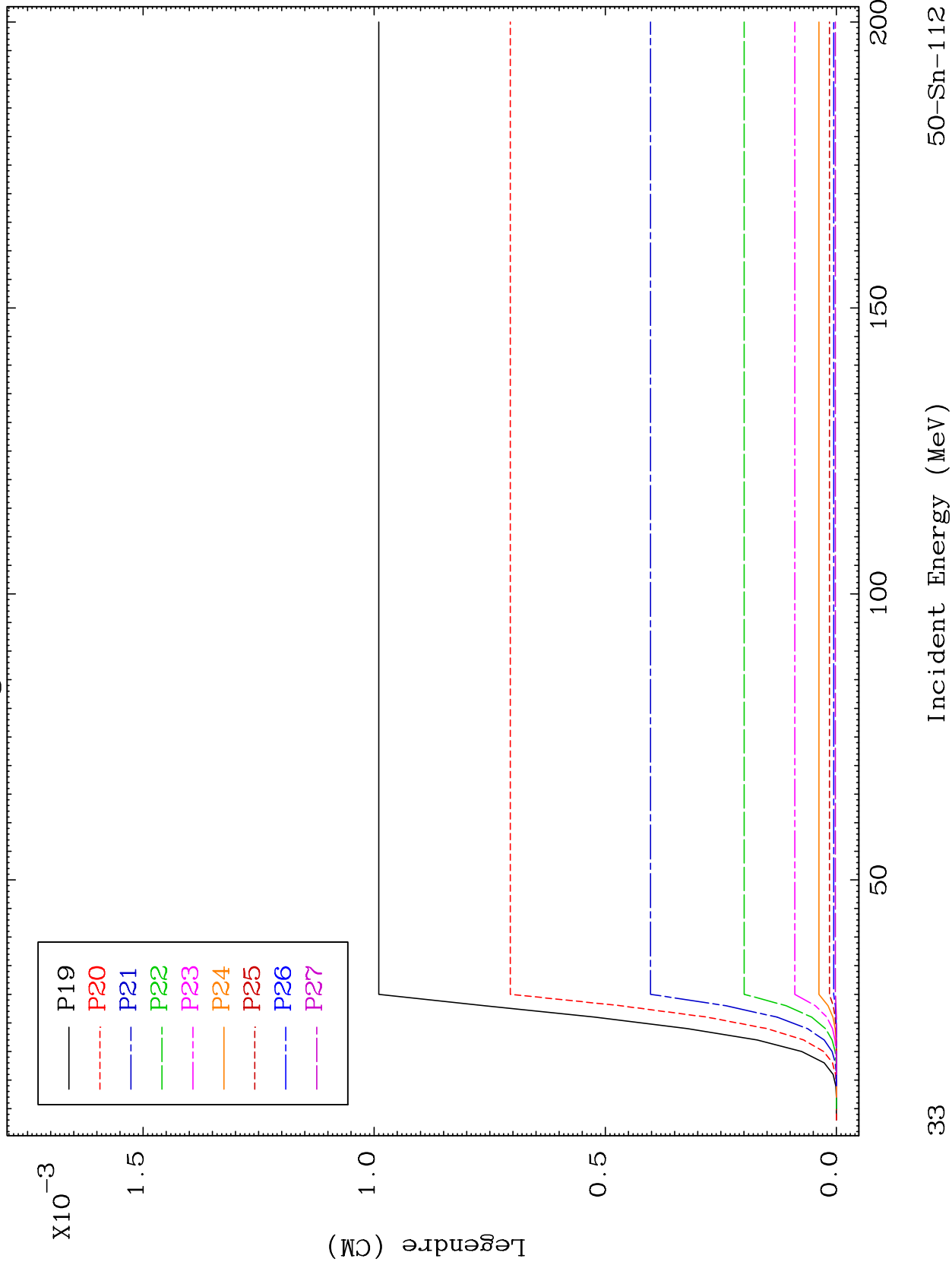
50-Sn-112



MAT 5025

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

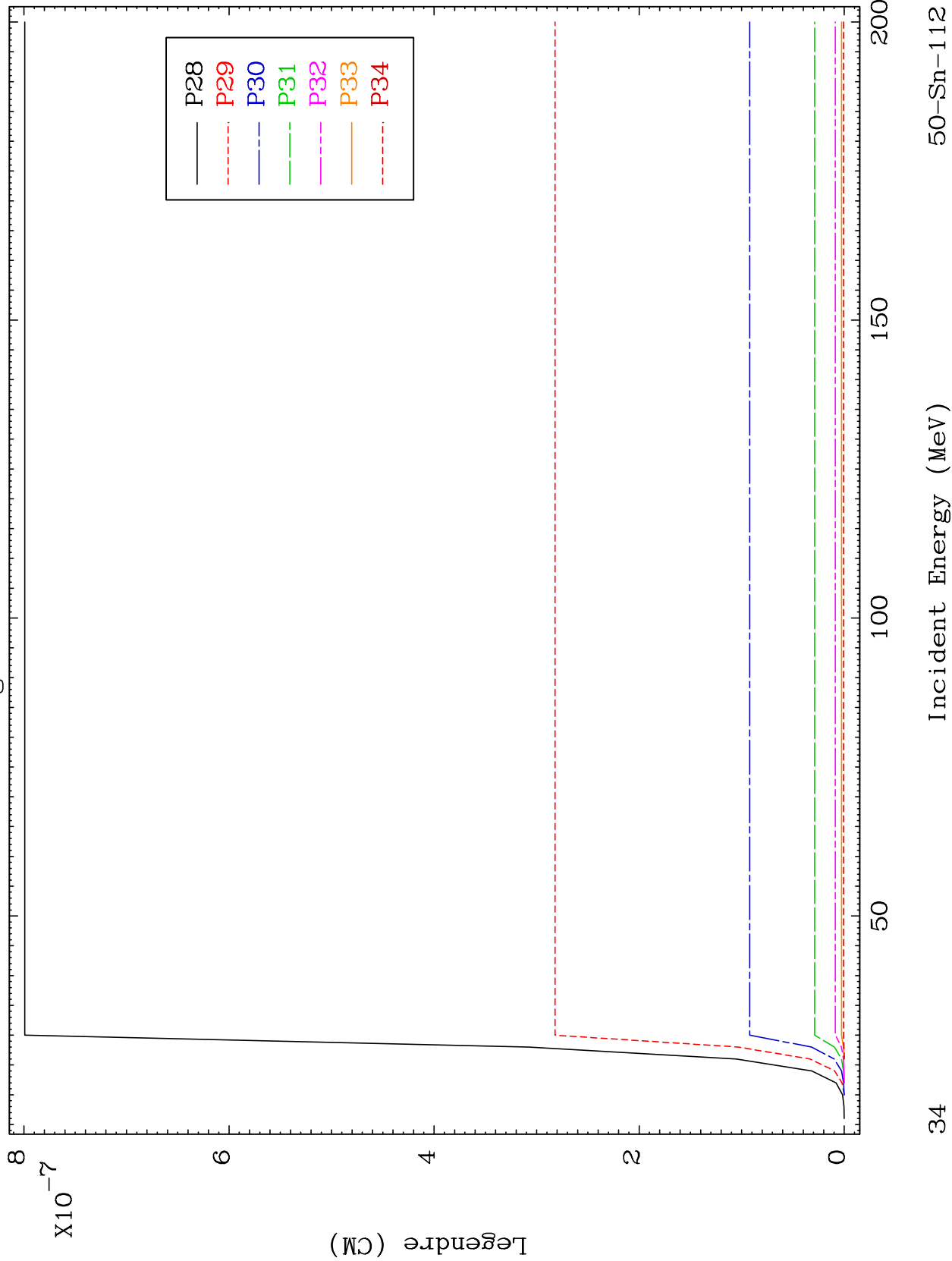
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MAT 5025

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

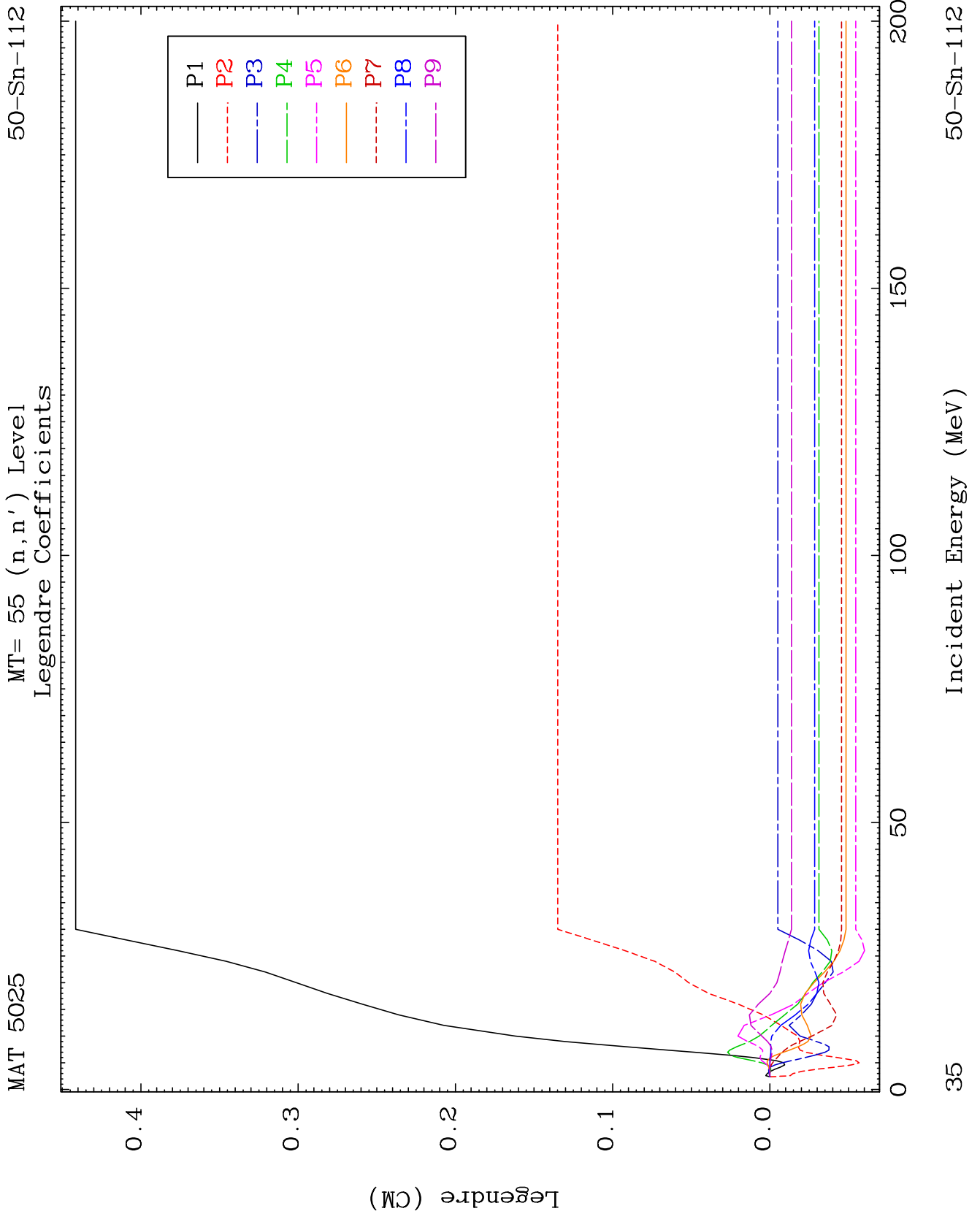
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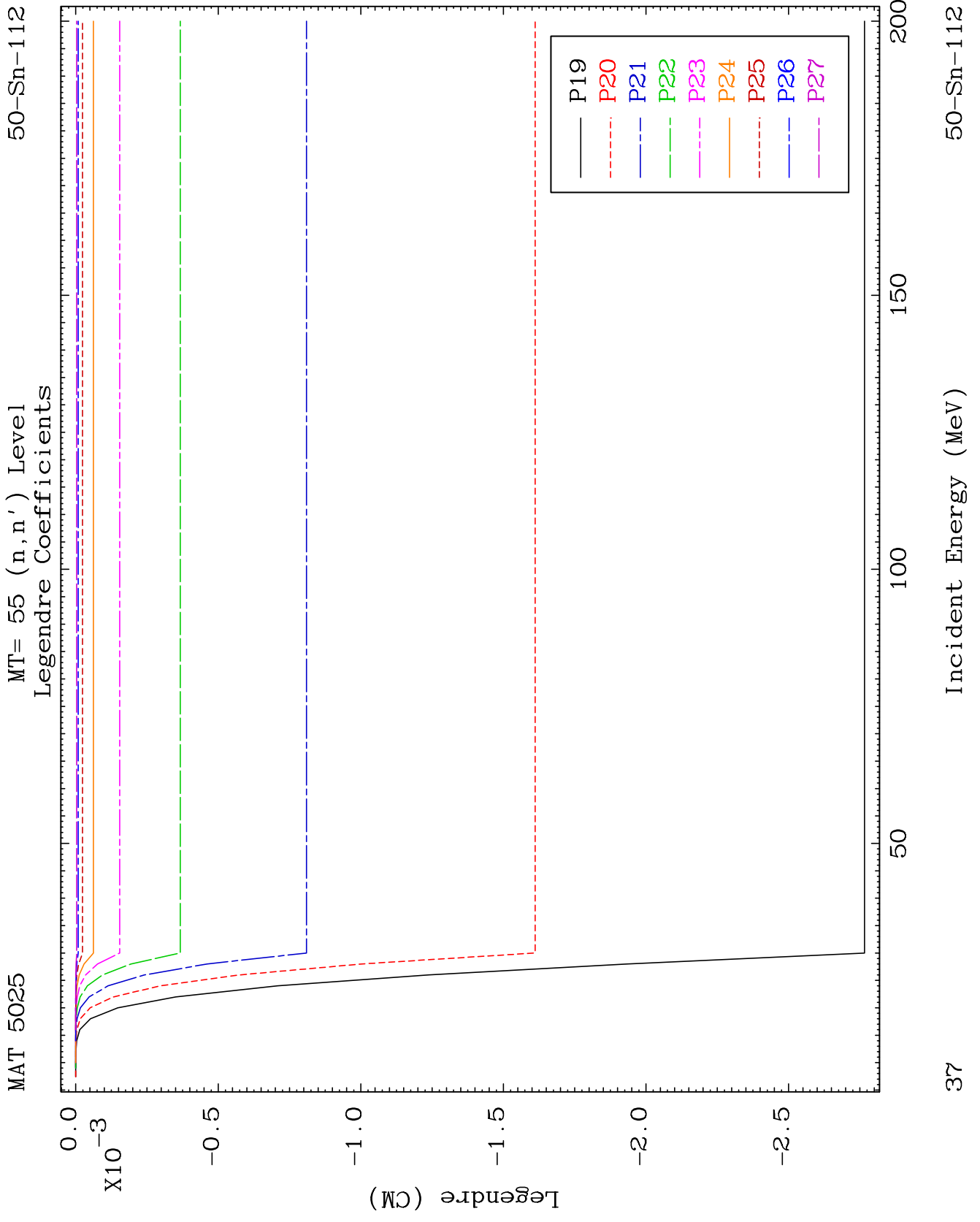


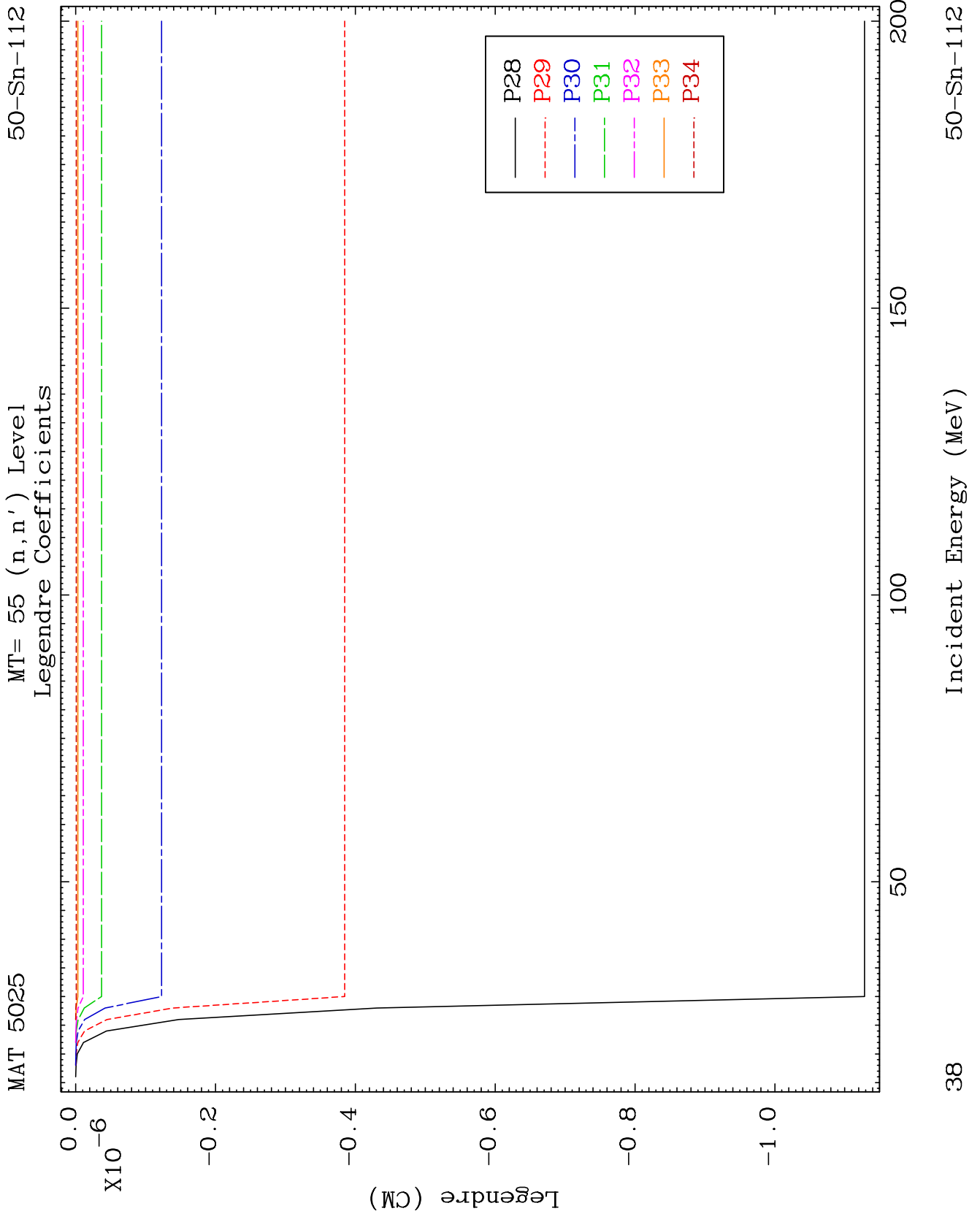
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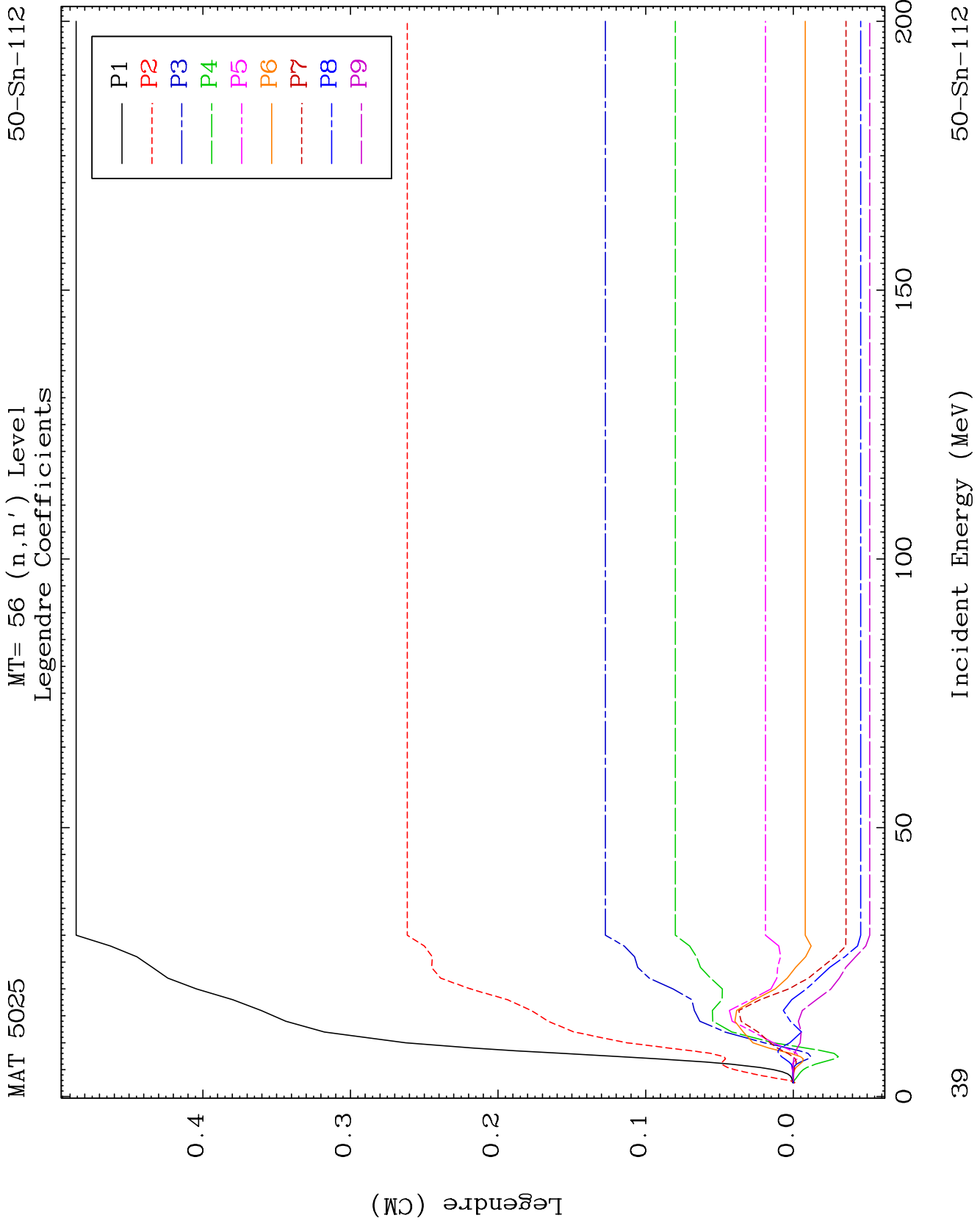
Incident Energy (MeV)

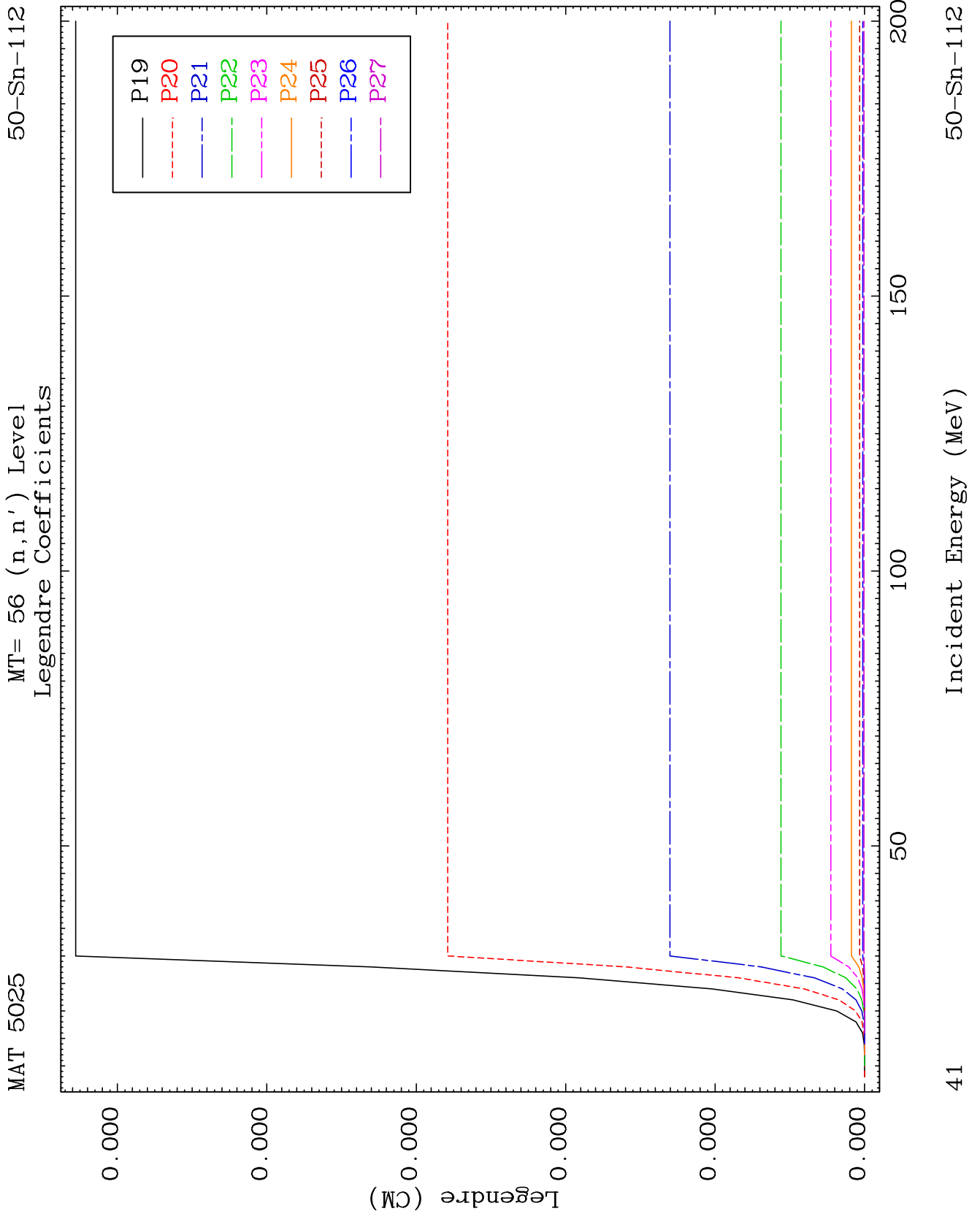
50-Sn-112







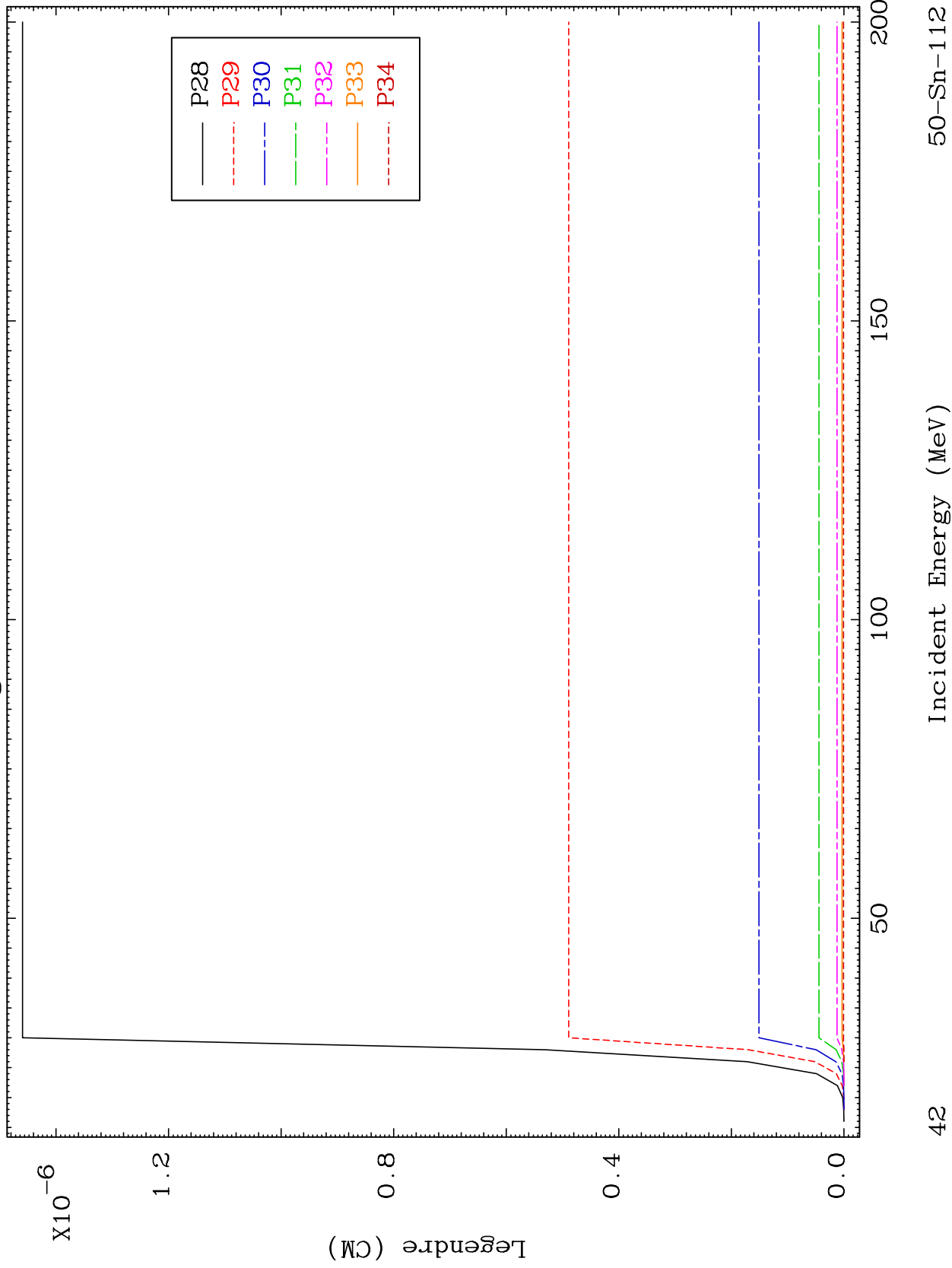




MAT 5025

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

50-Sn-112

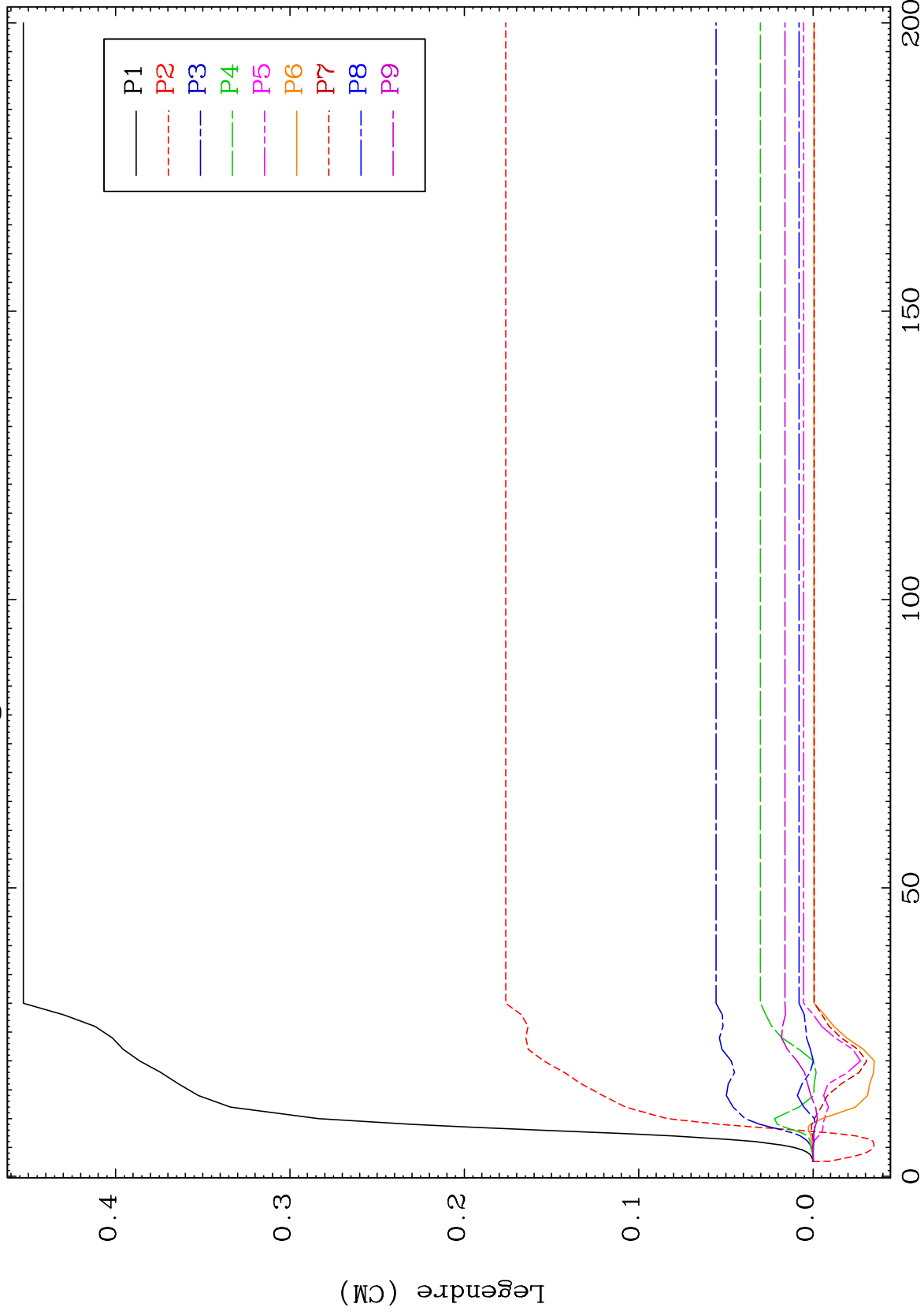


42

MAT 5025

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

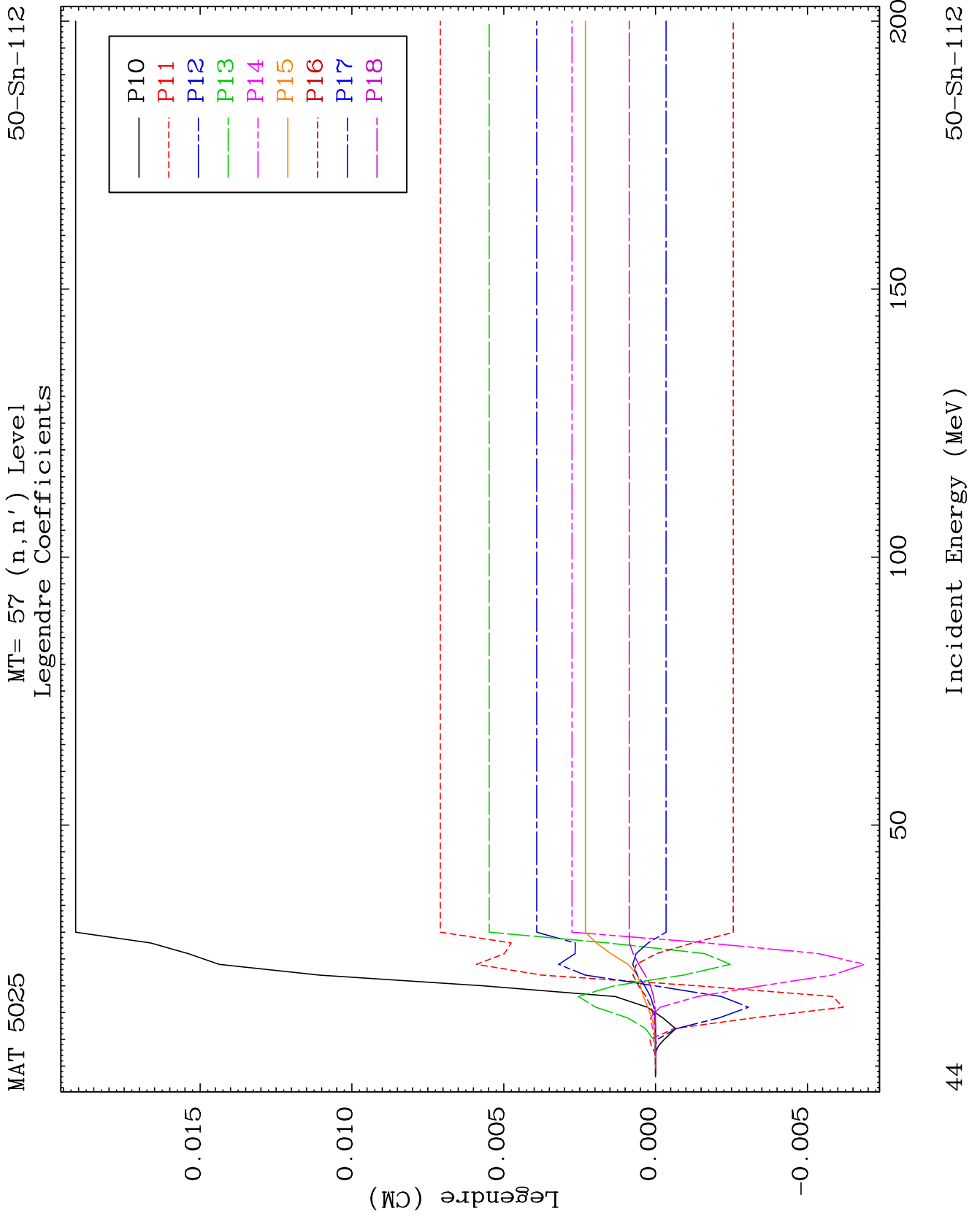
50-Sn-112



50-Sn-112

Incident Energy (MeV)

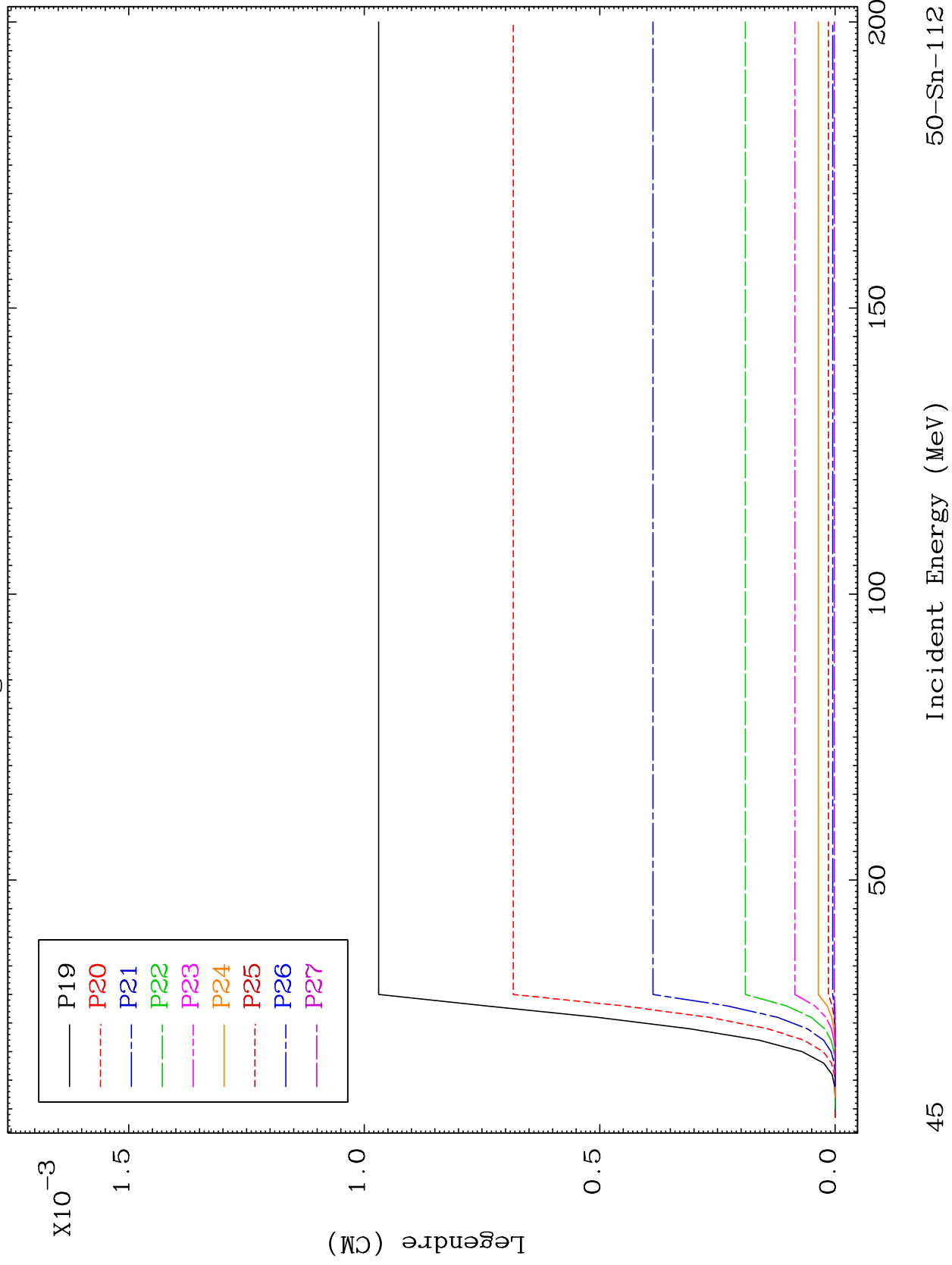
43



MAT 5025

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

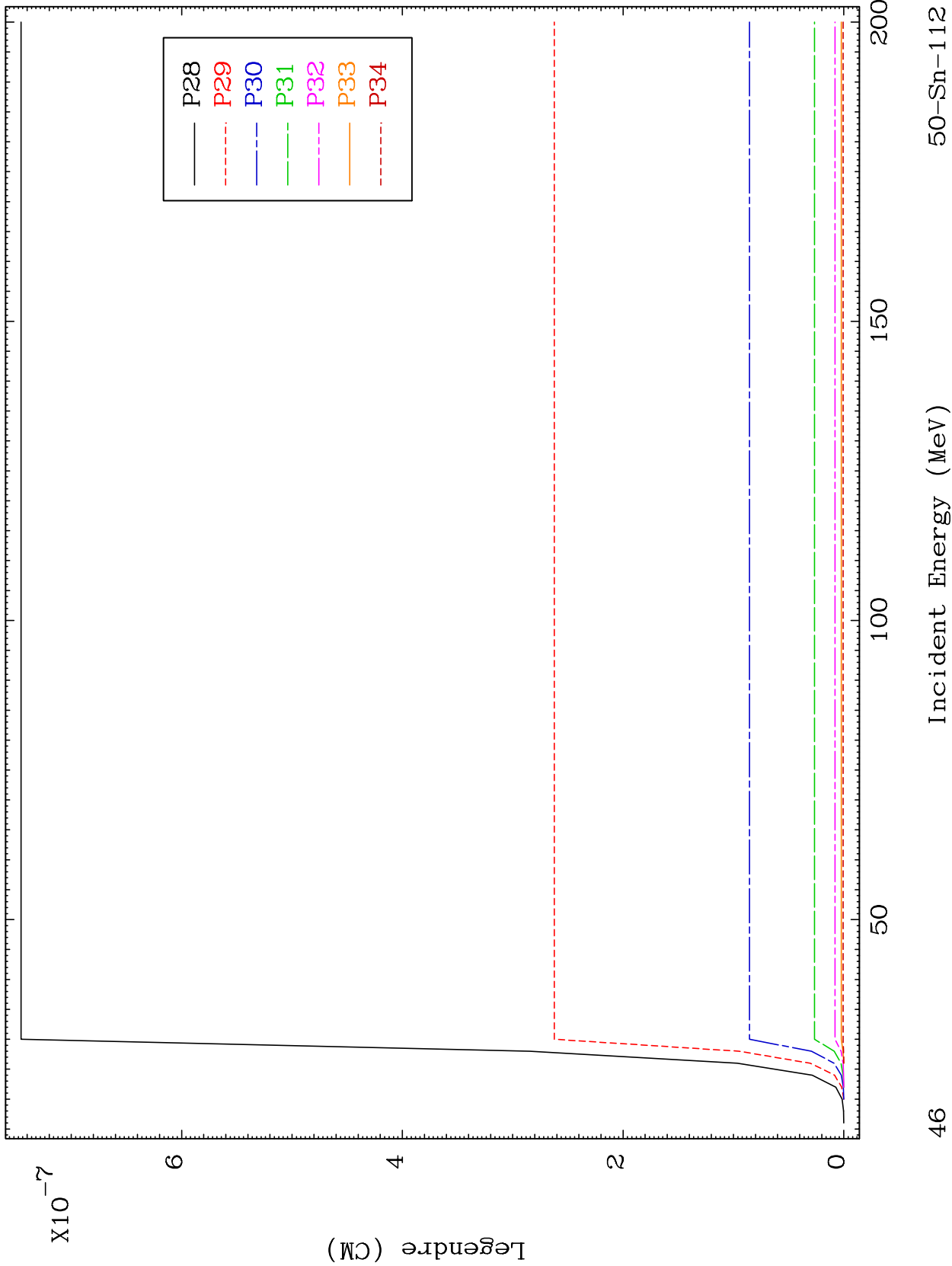
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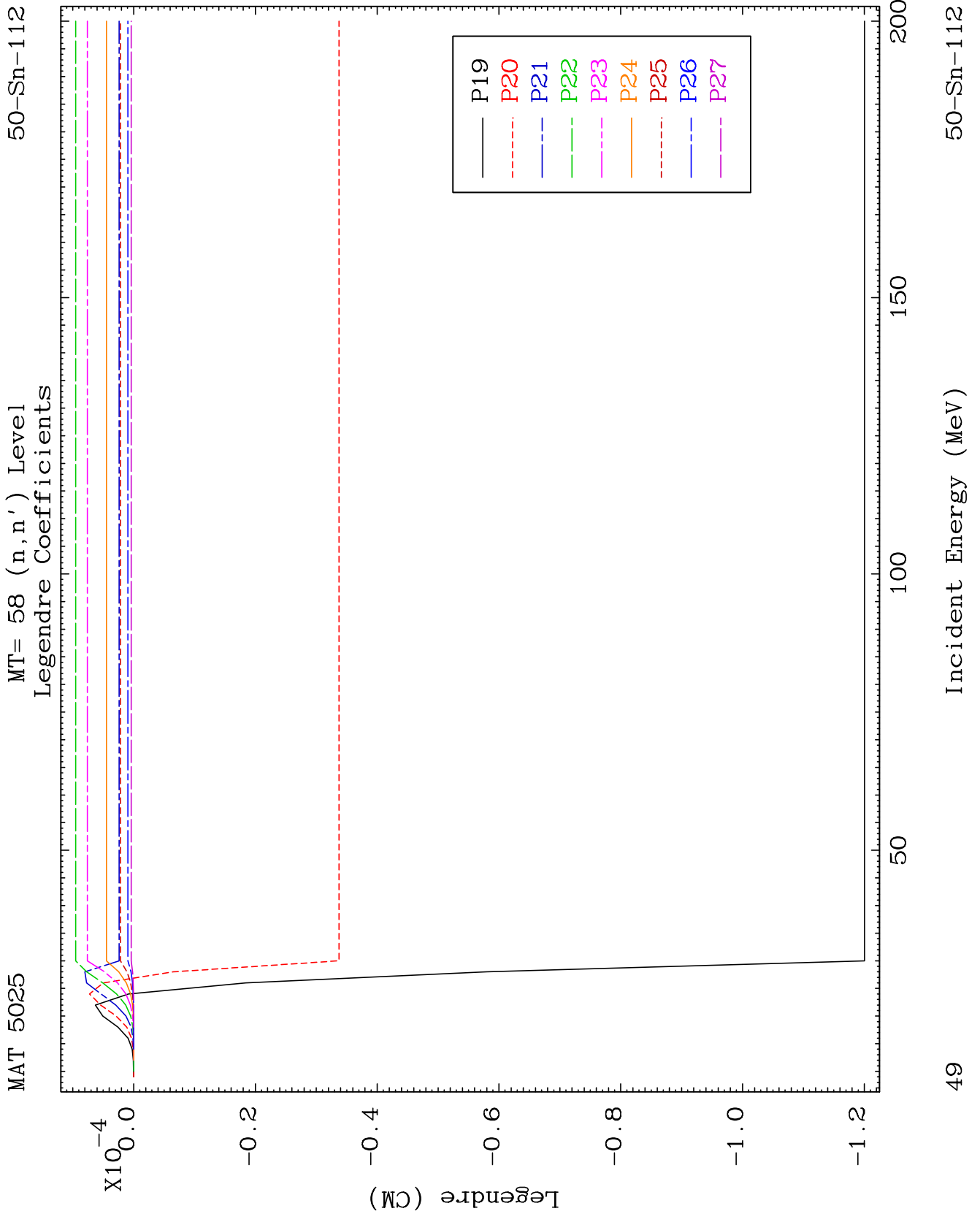


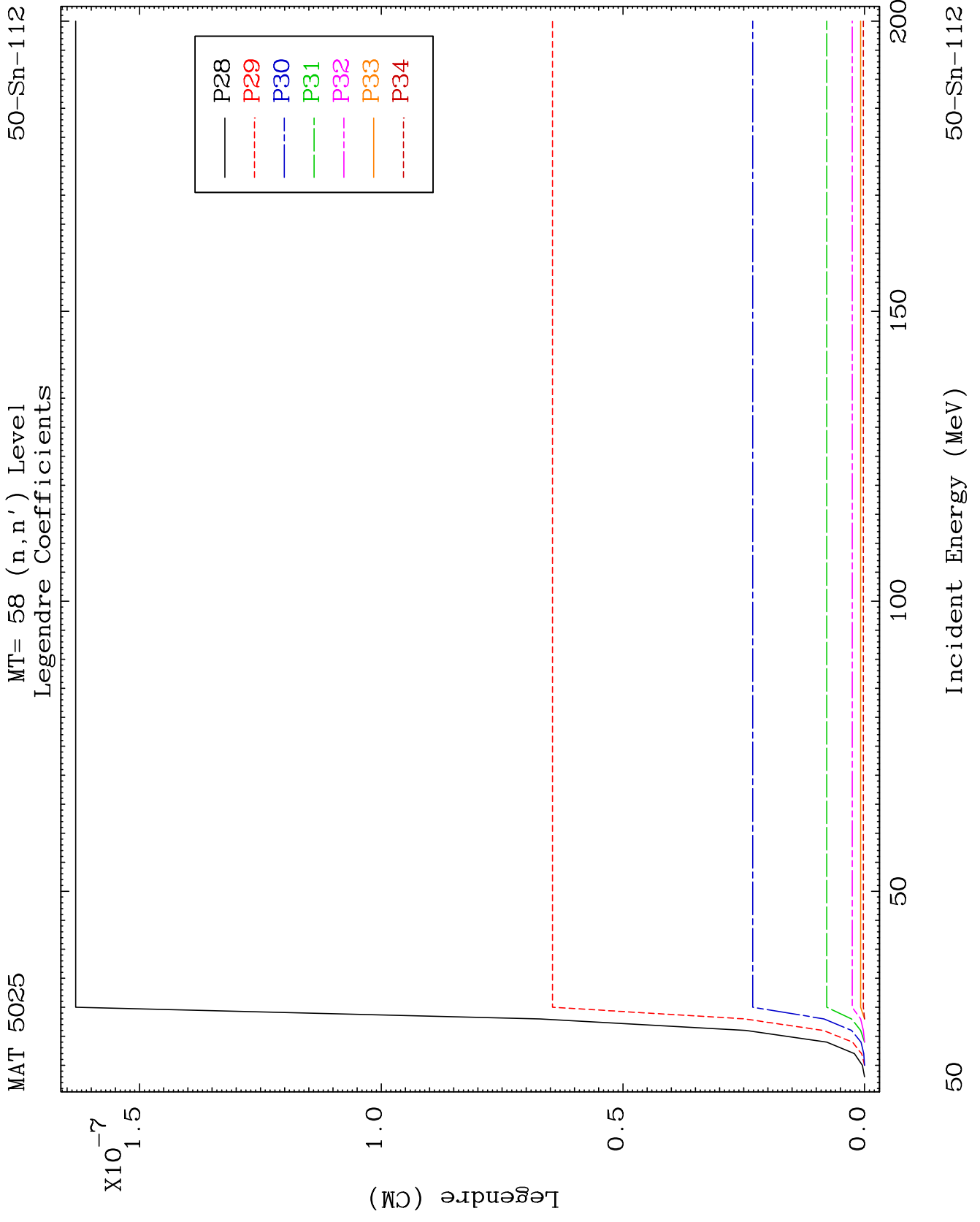
MAT 5025

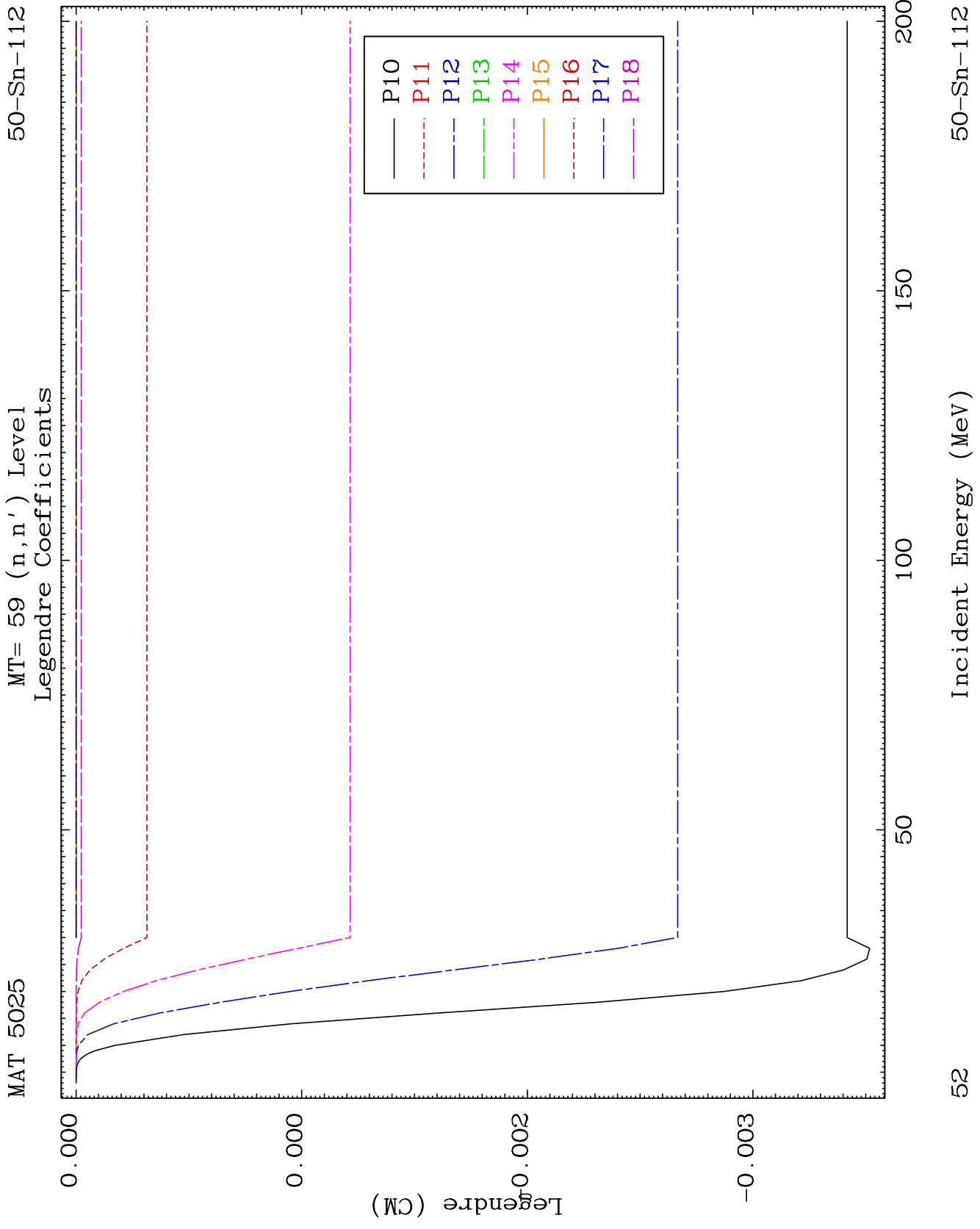
MT= 57 (n,n') Level
Legendre Coefficients

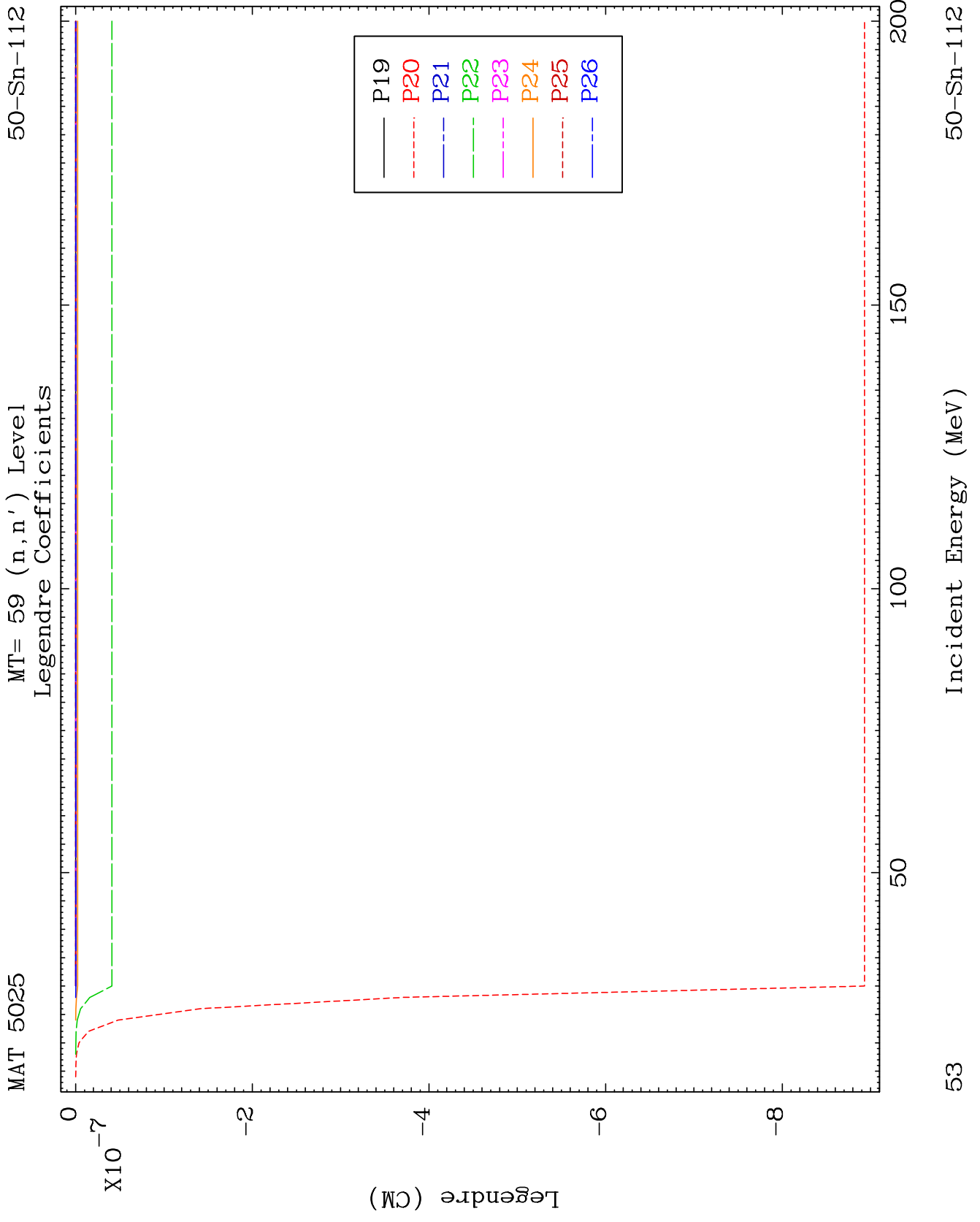
50-Sn-112

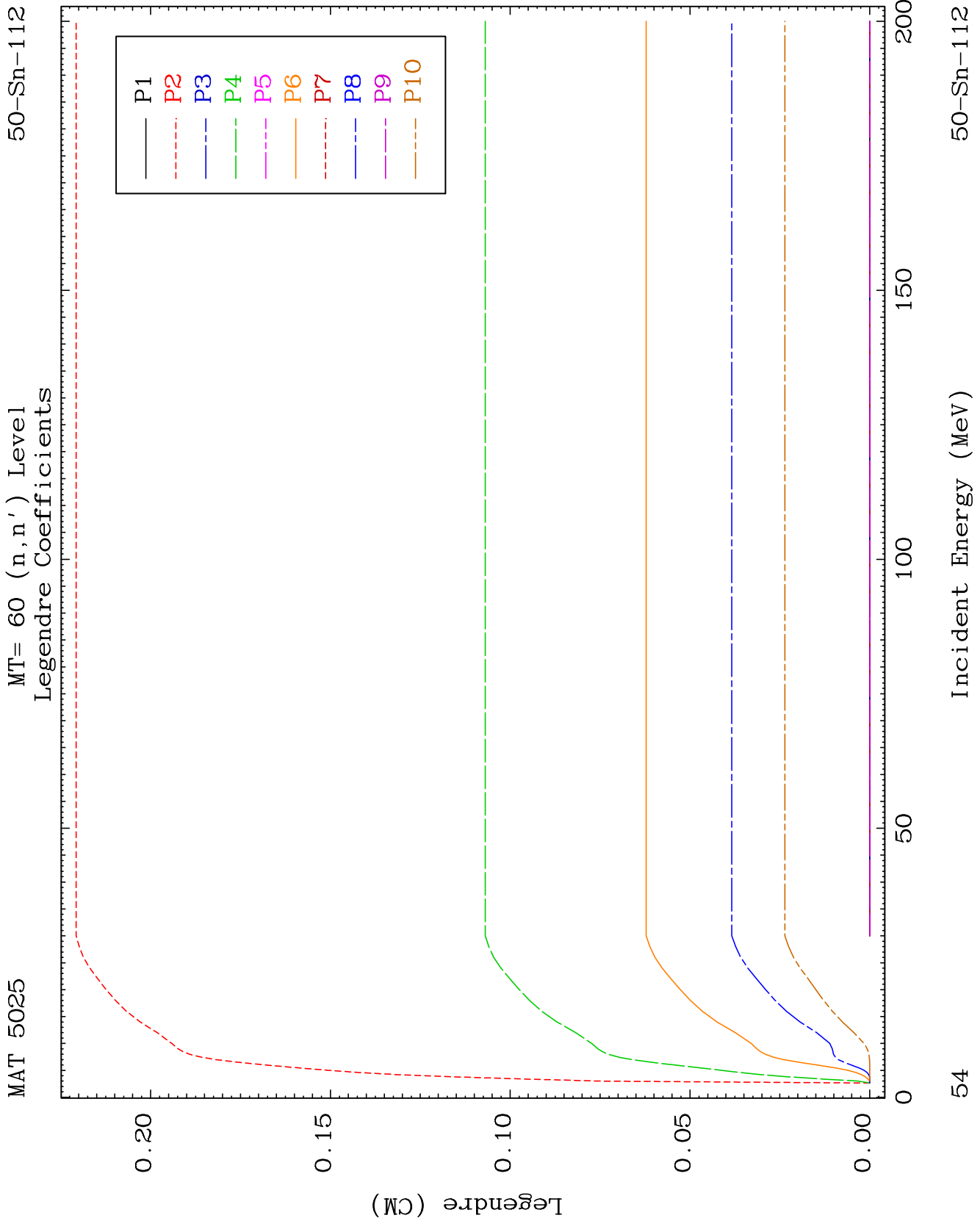


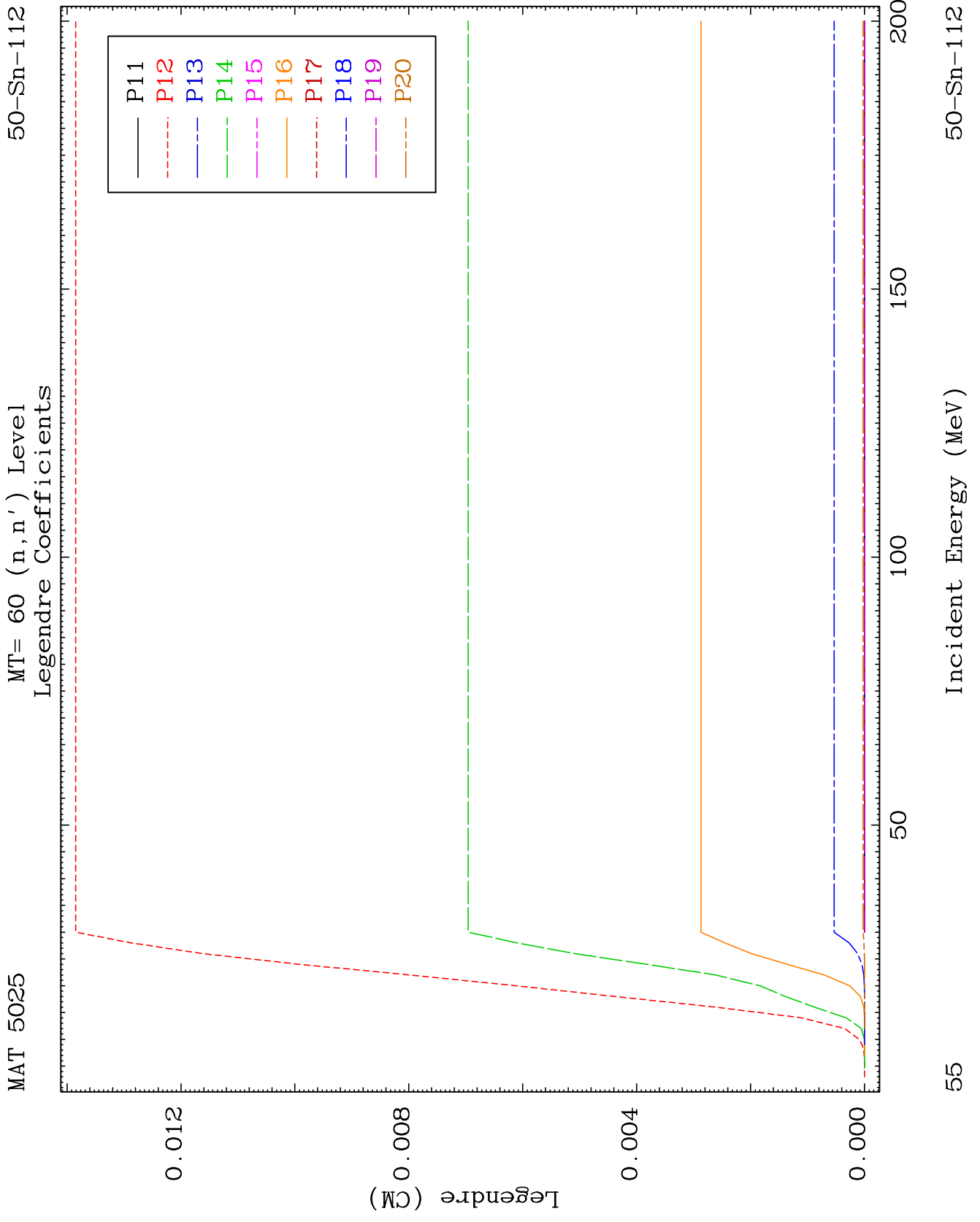


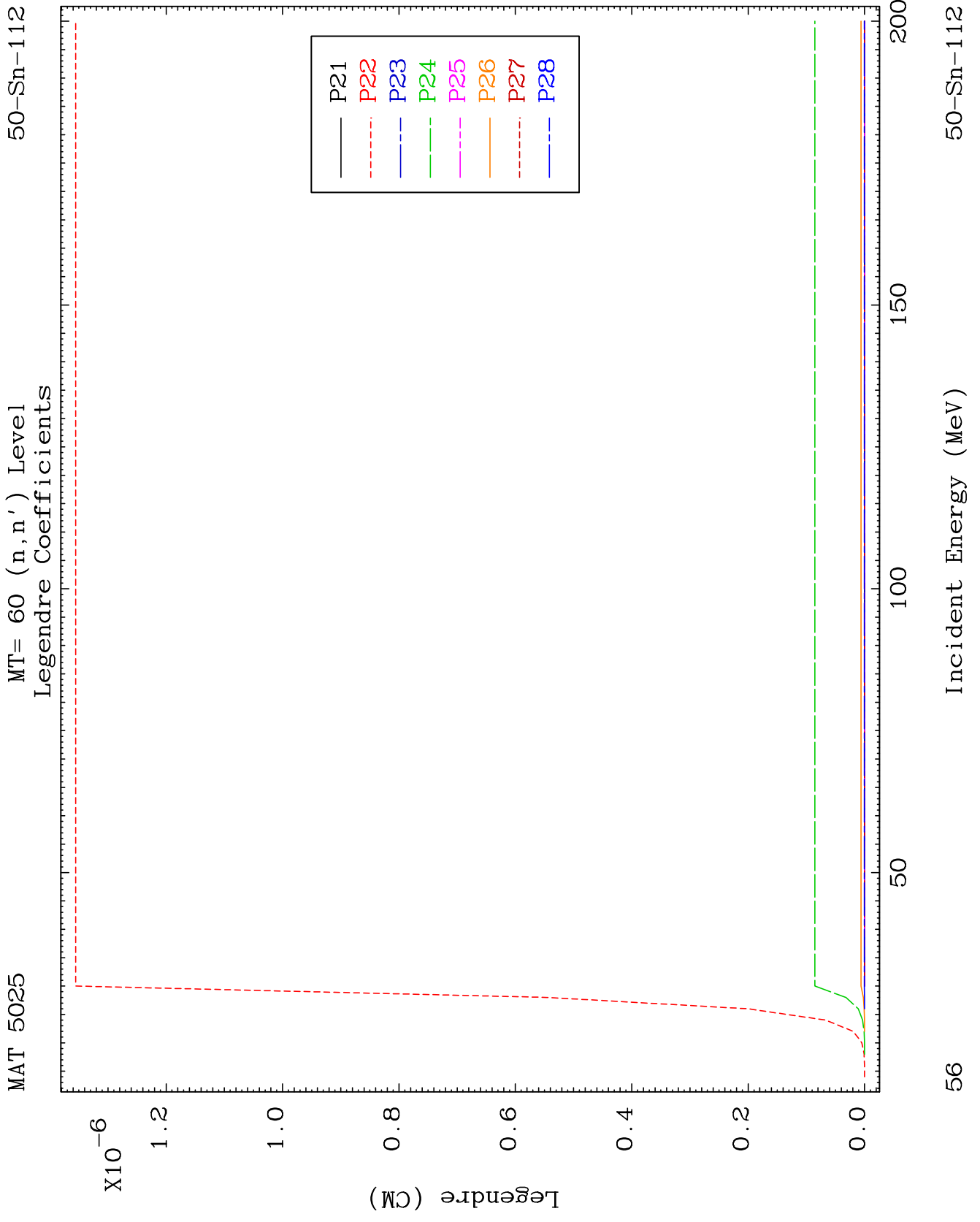


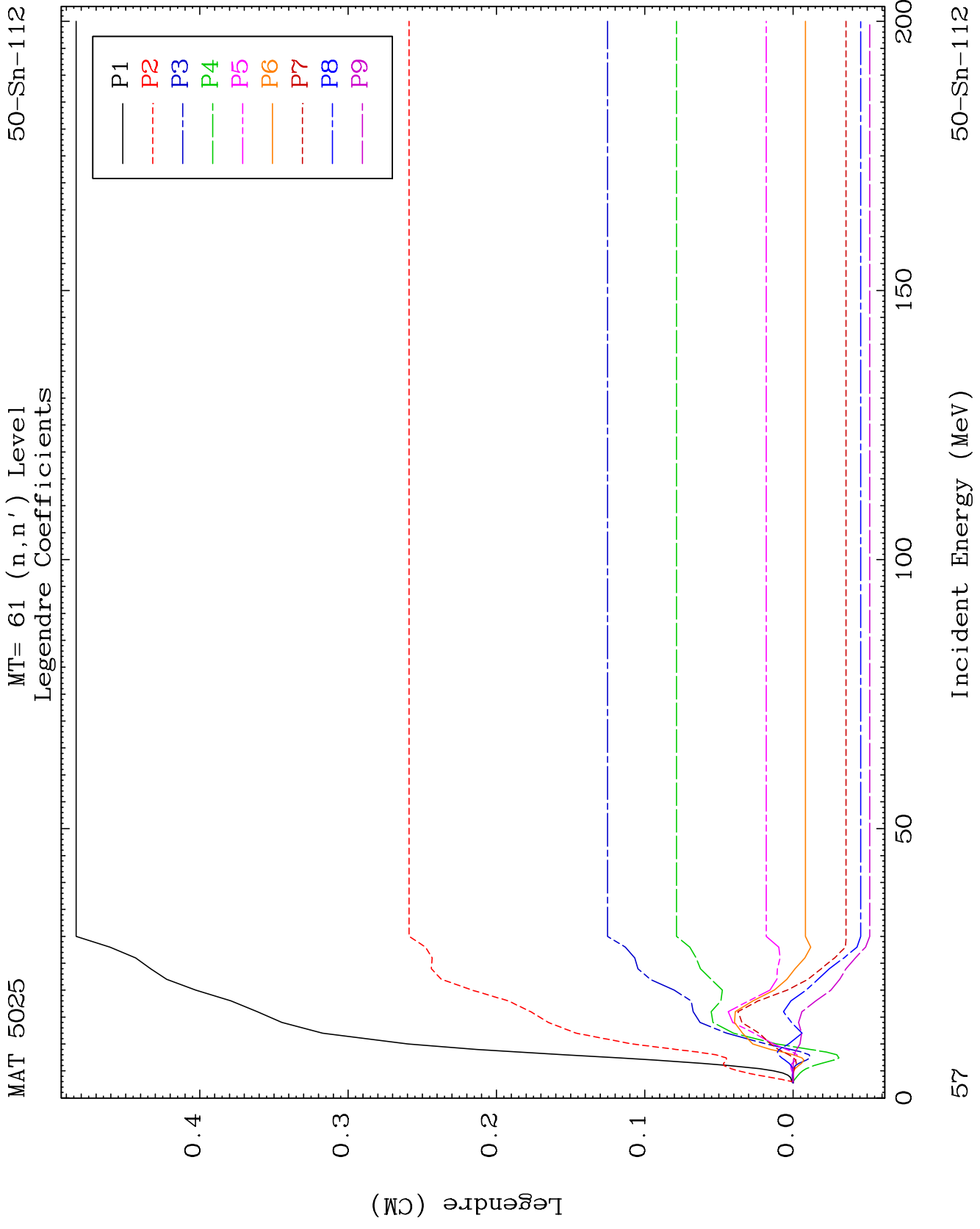


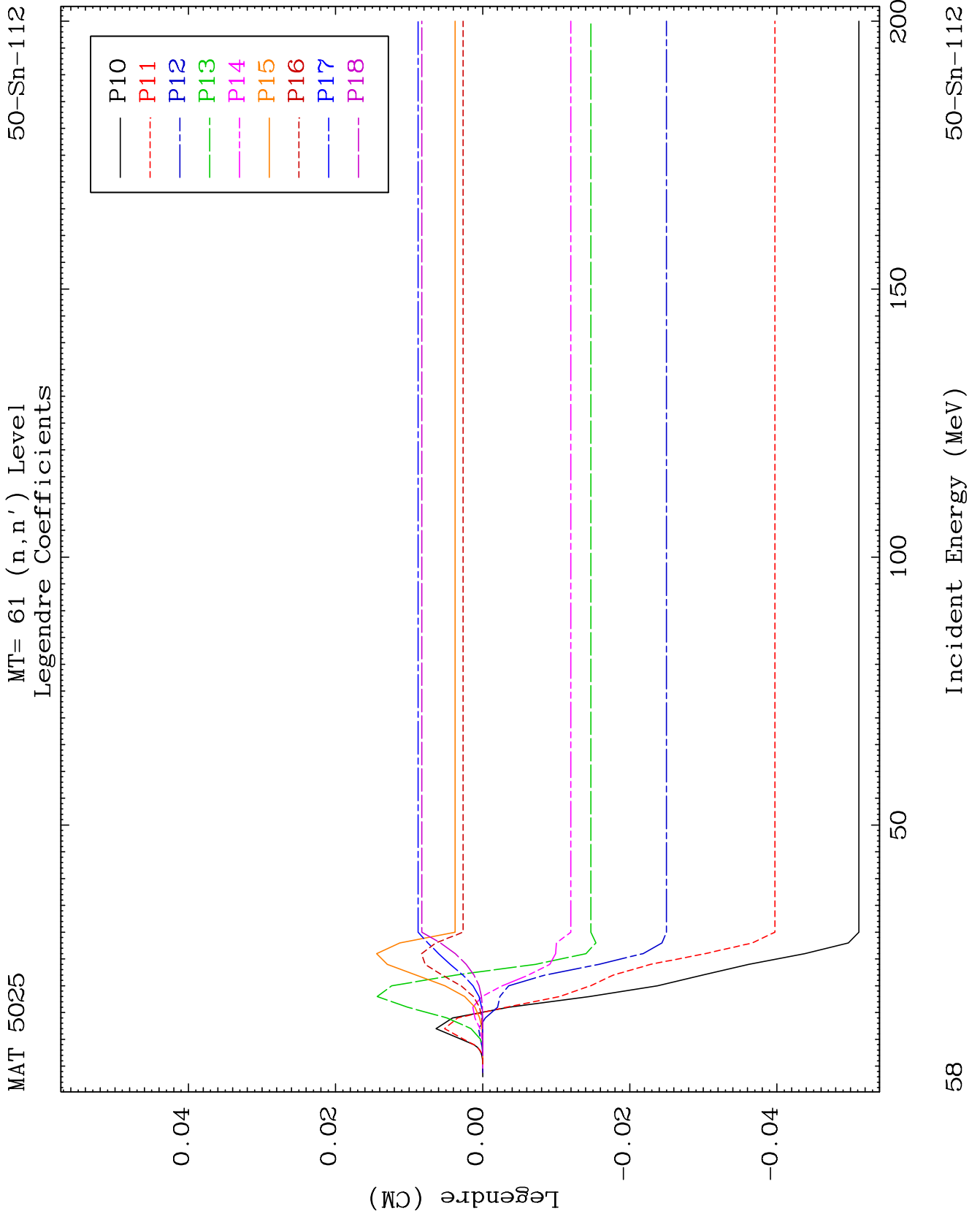


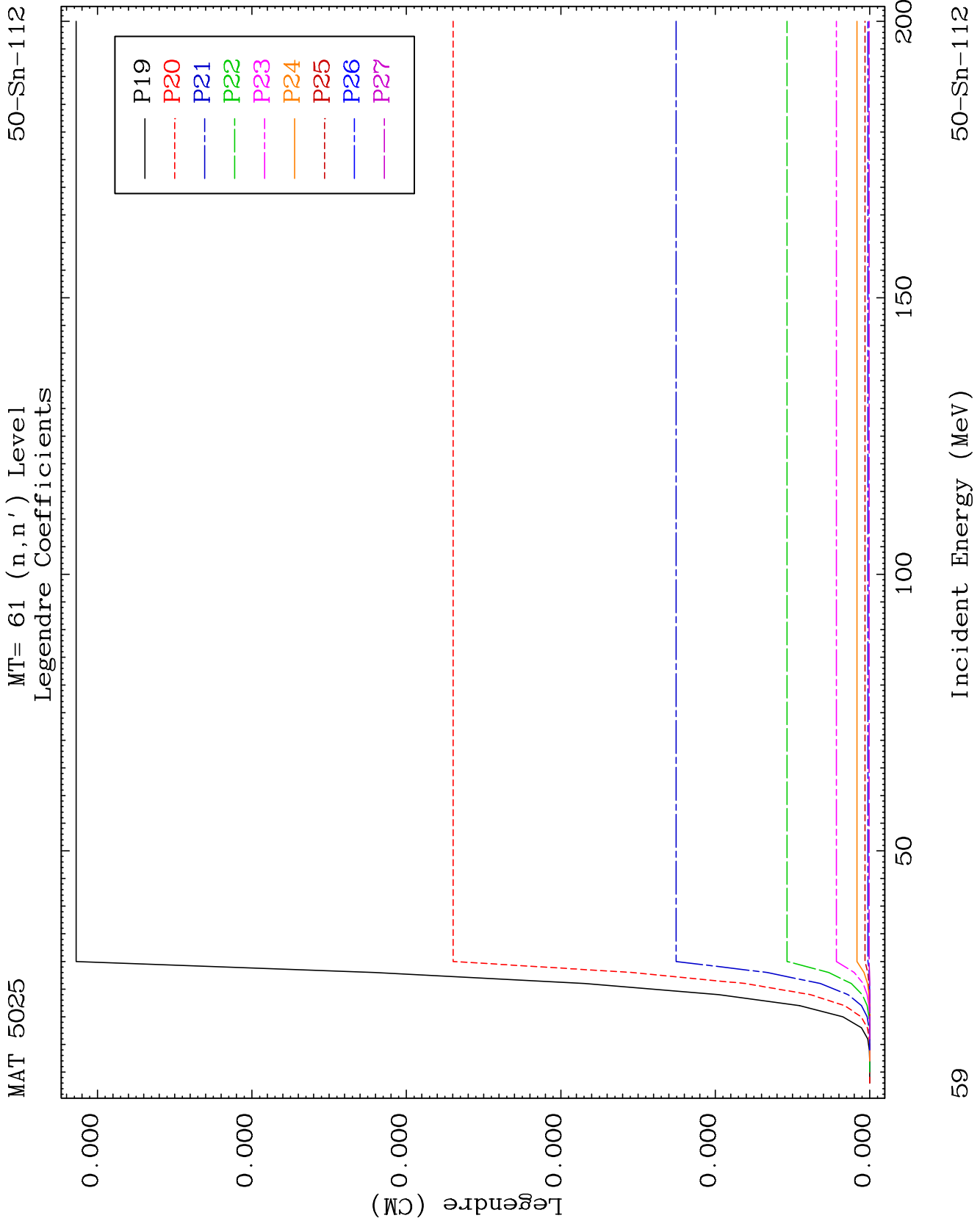


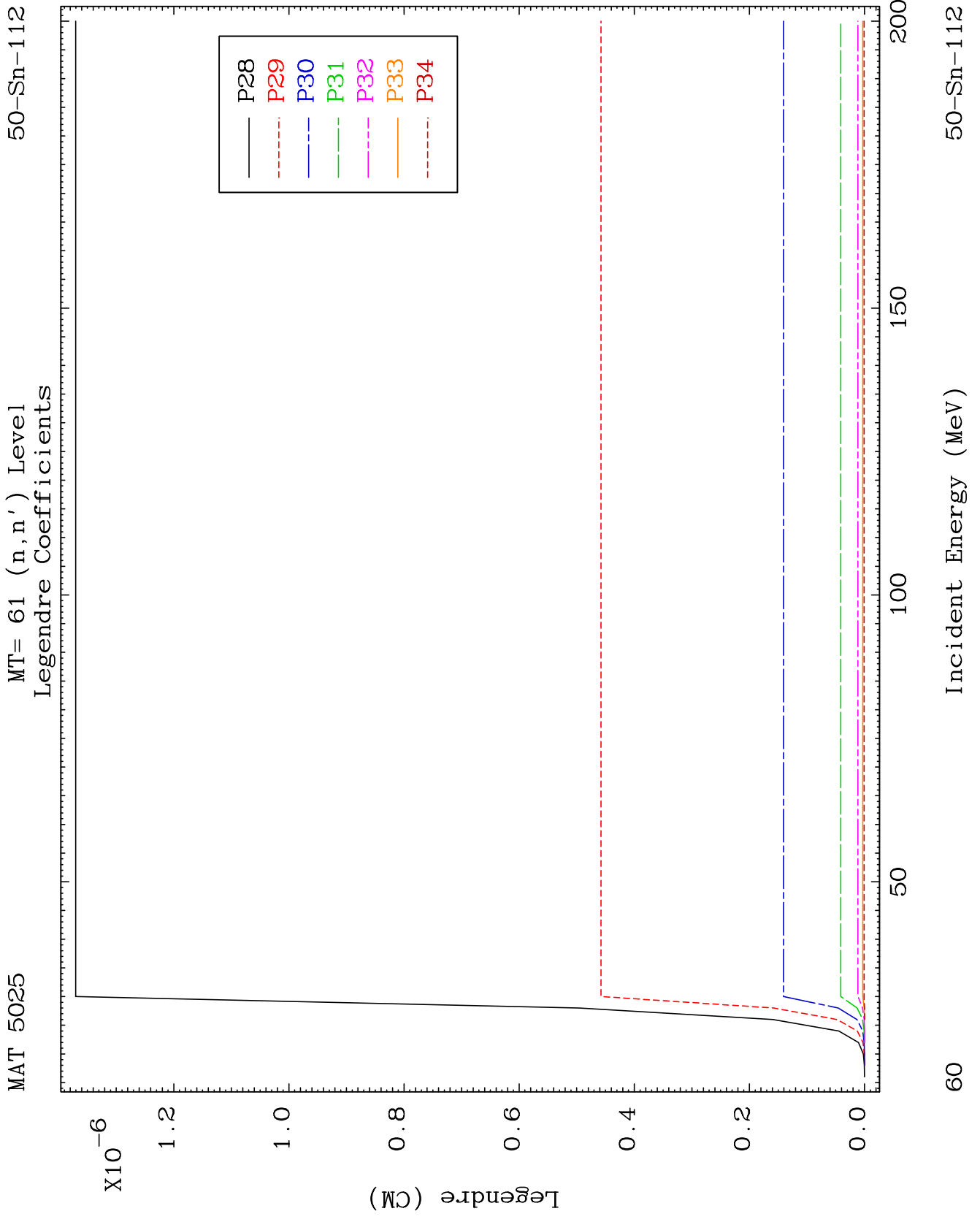


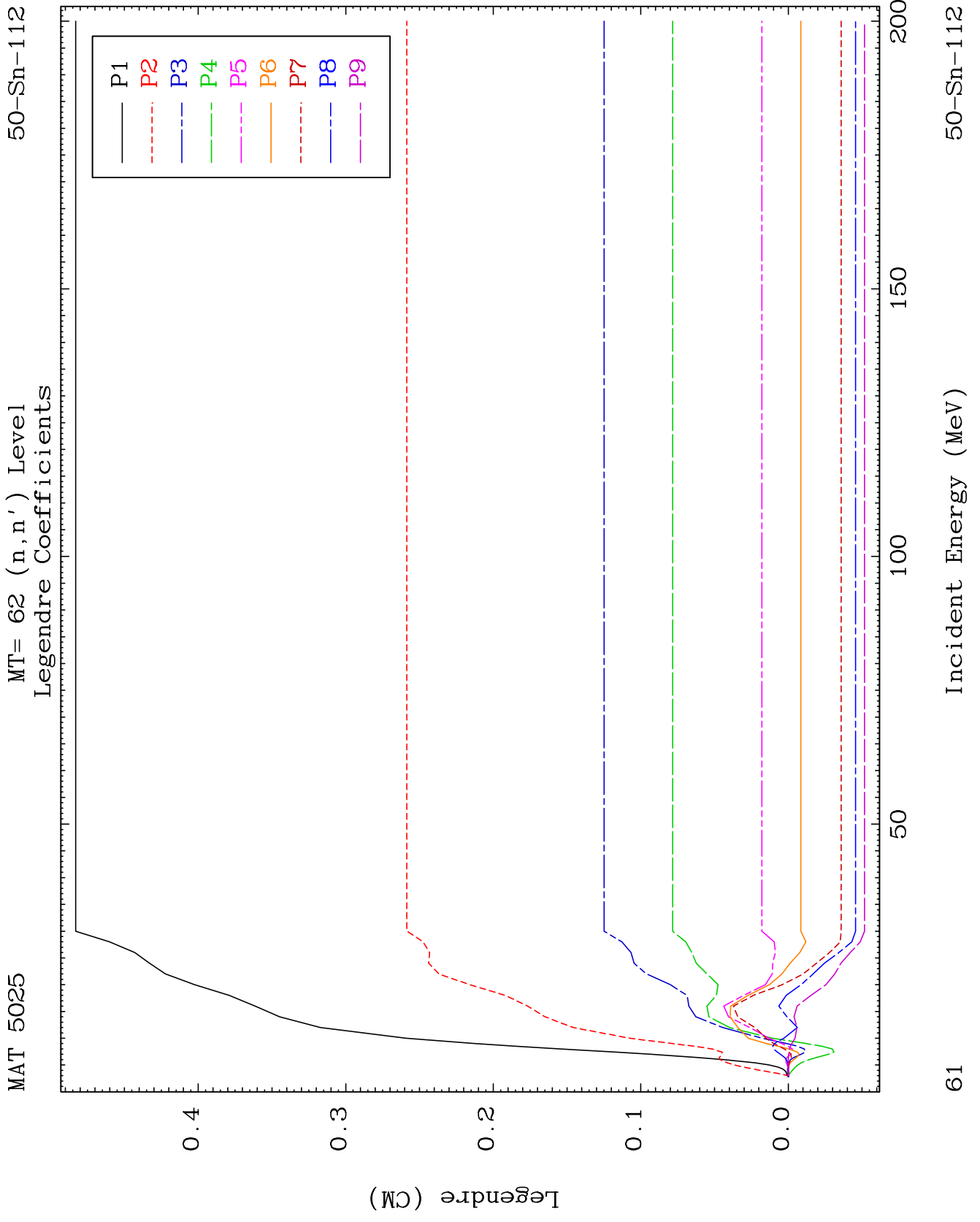


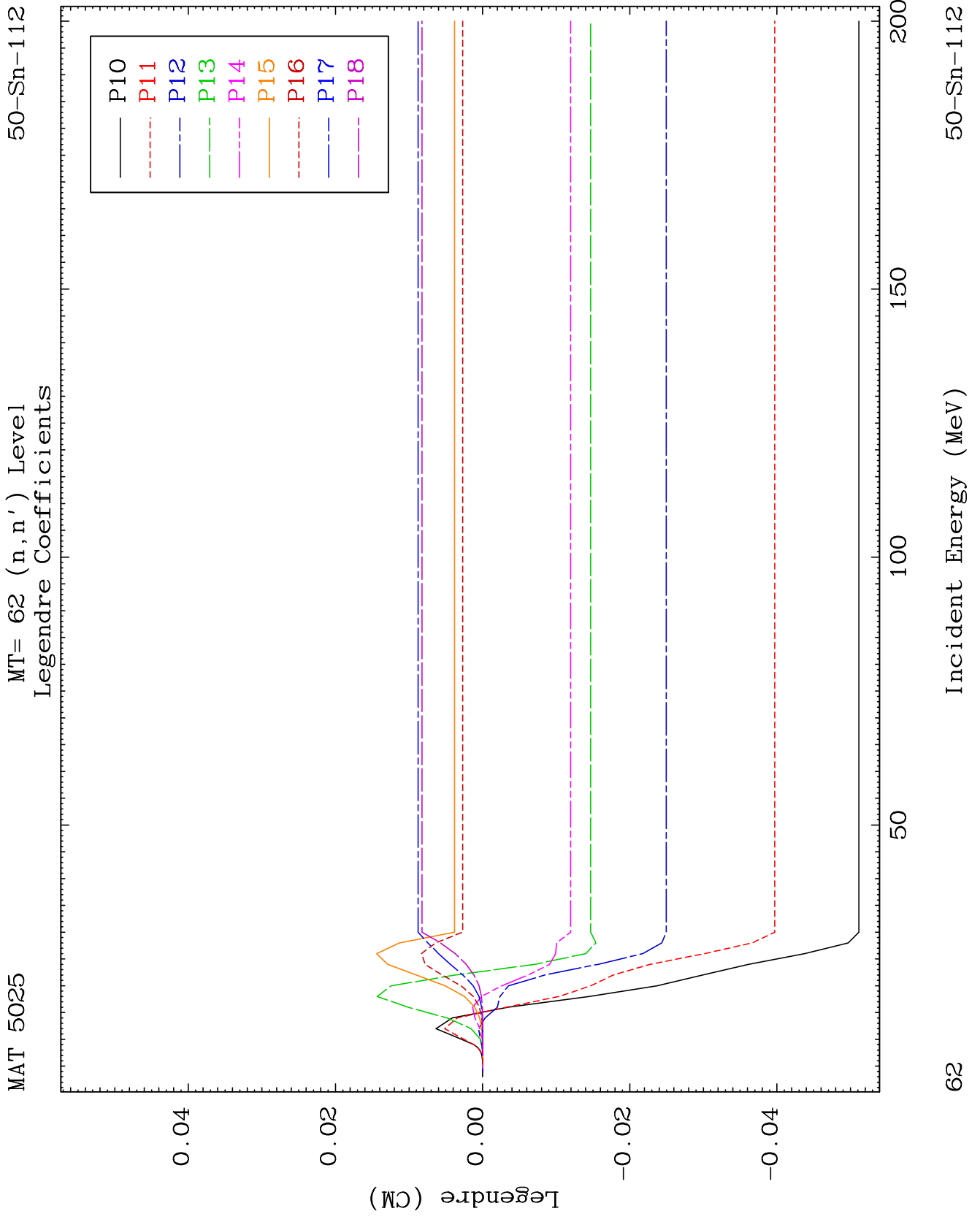


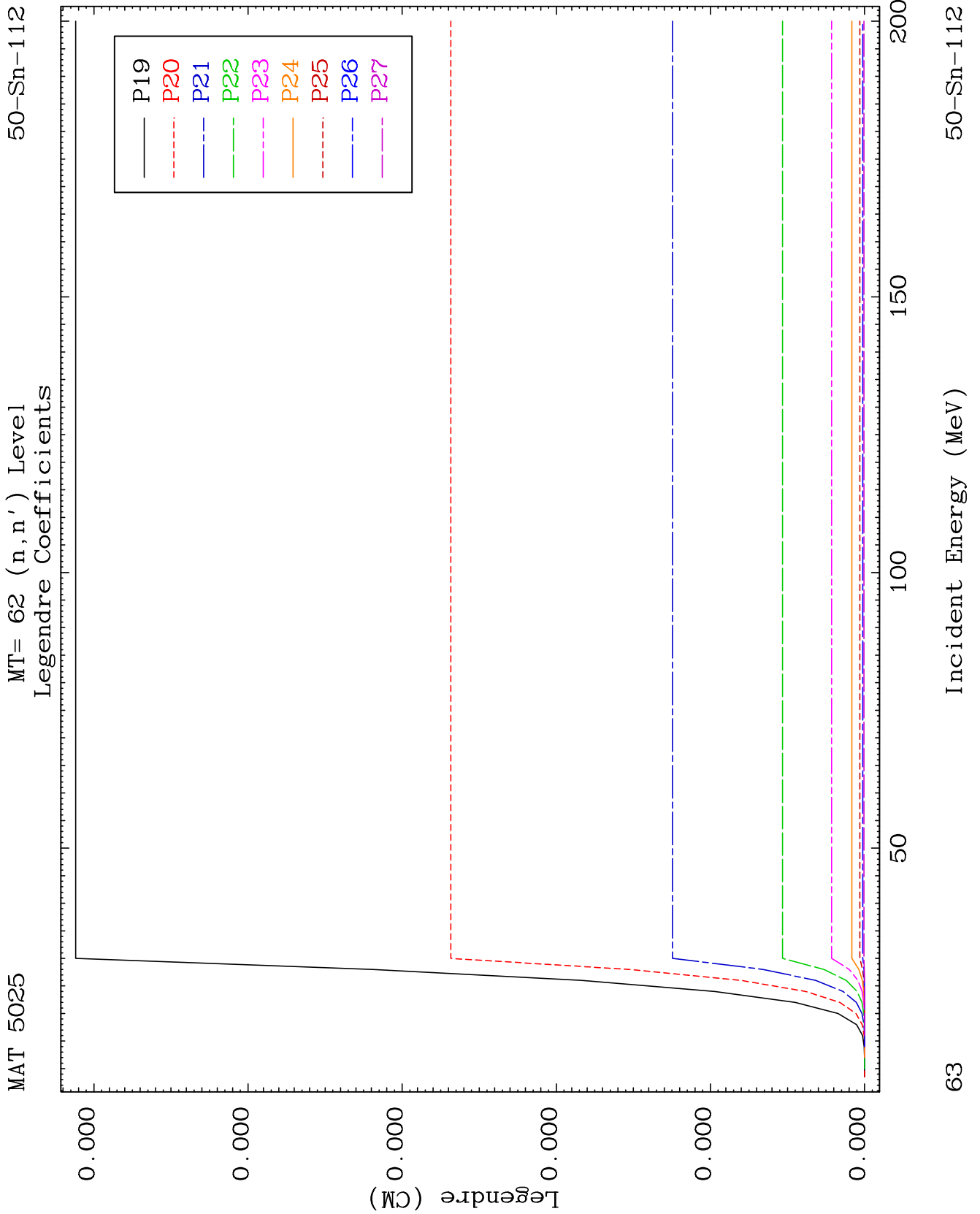


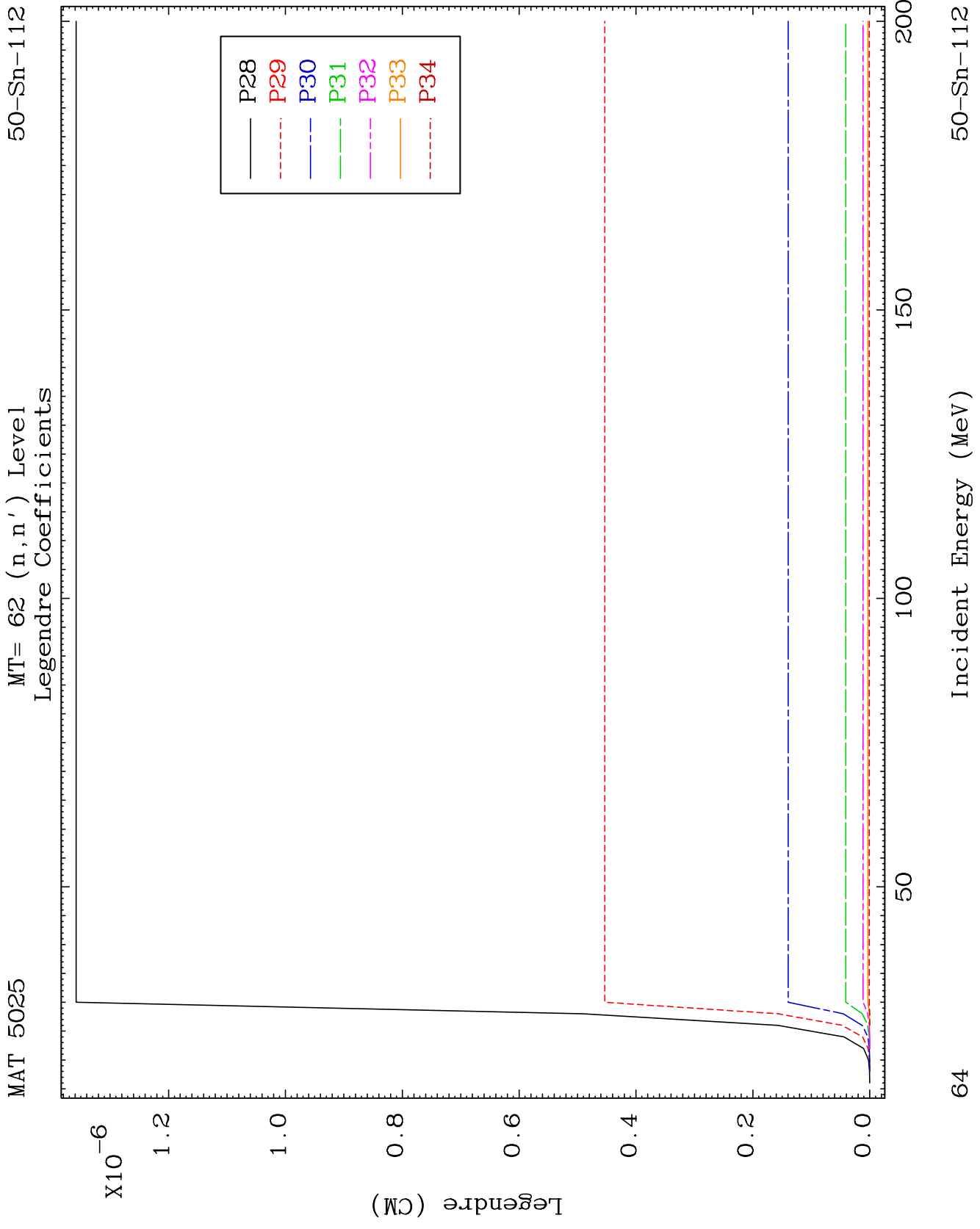








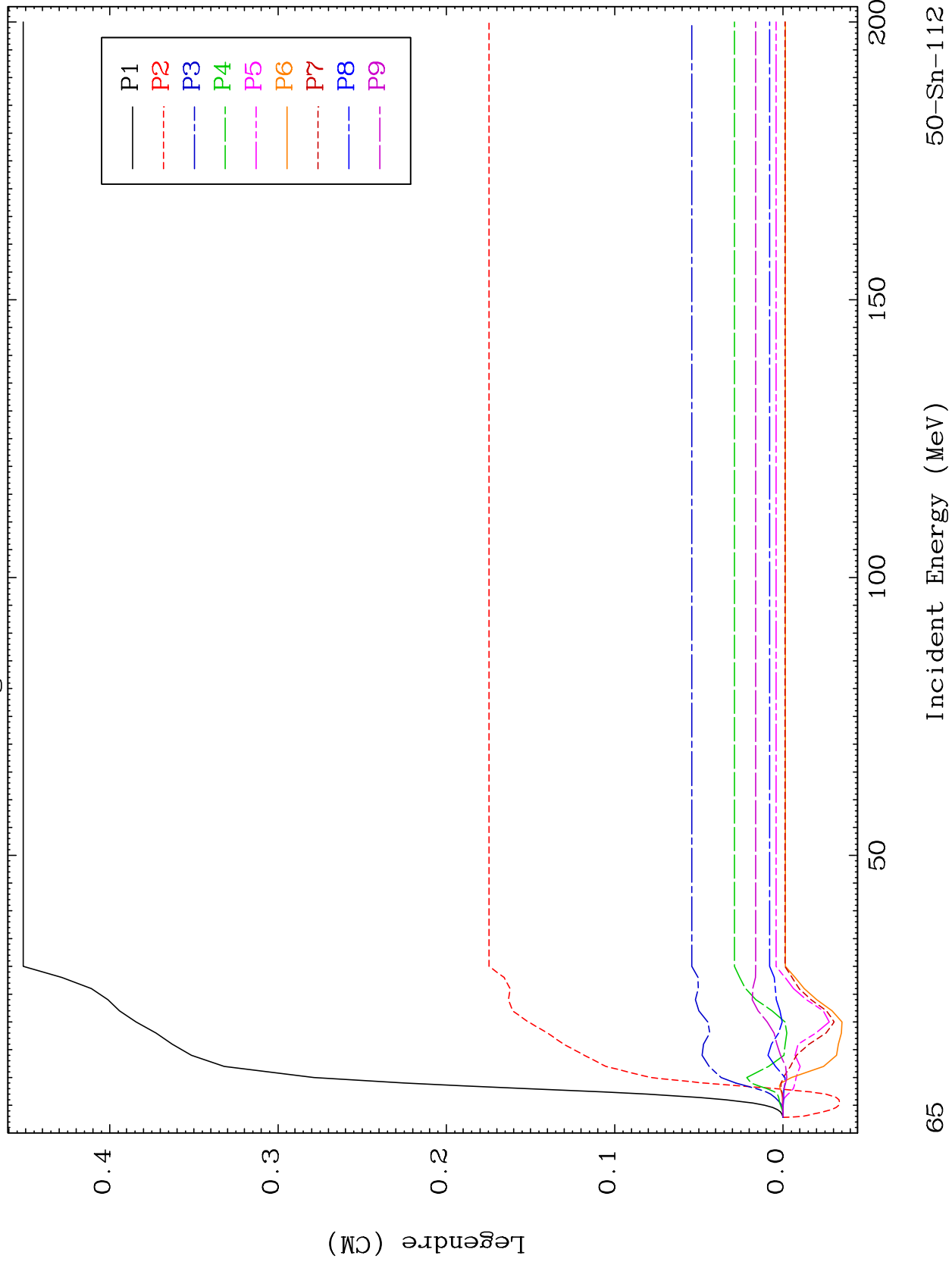




MAT 5025

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

50-Sn-112



65

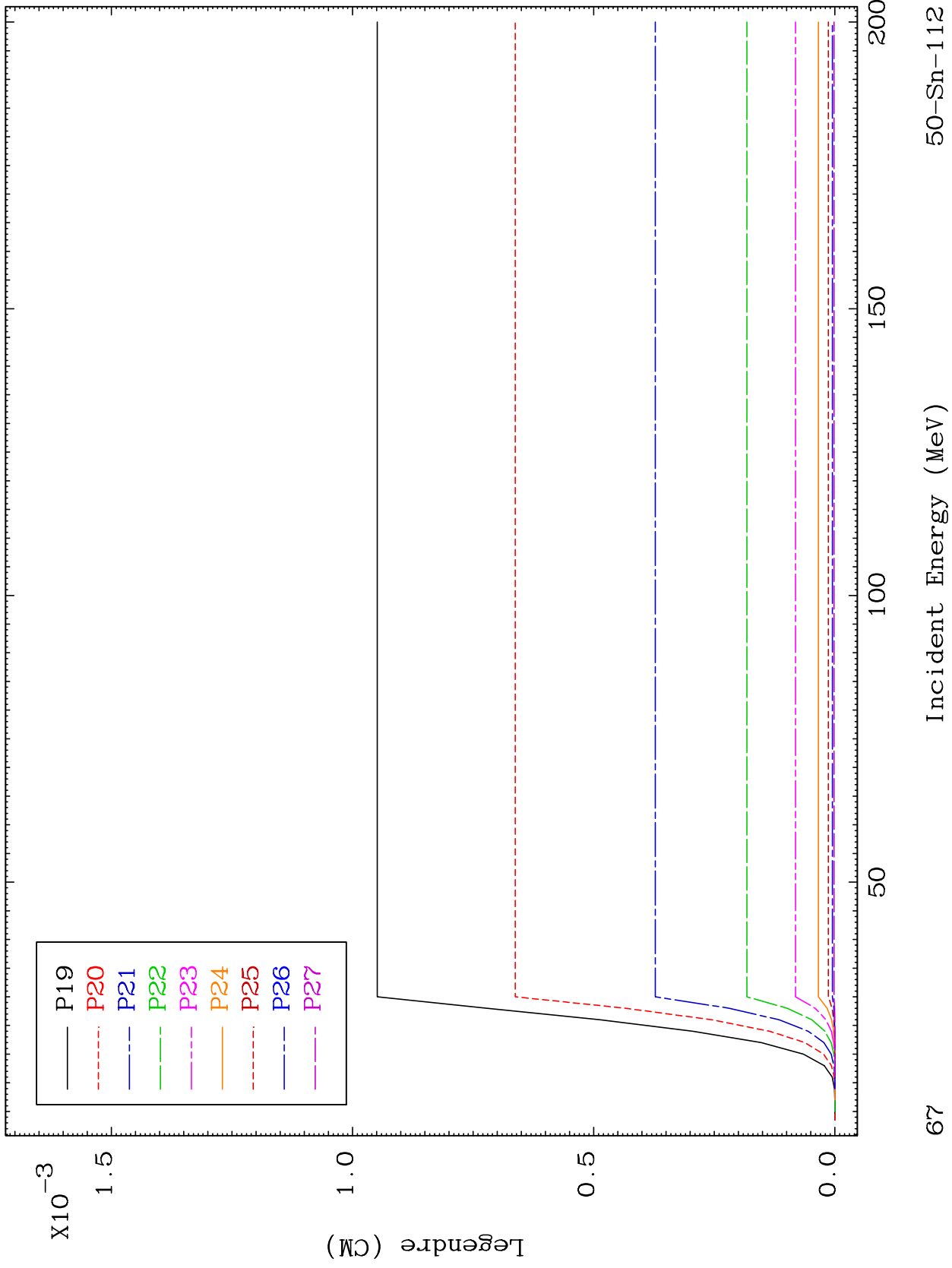
Incident Energy (MeV)

50-Sn-112

MAT 5025

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

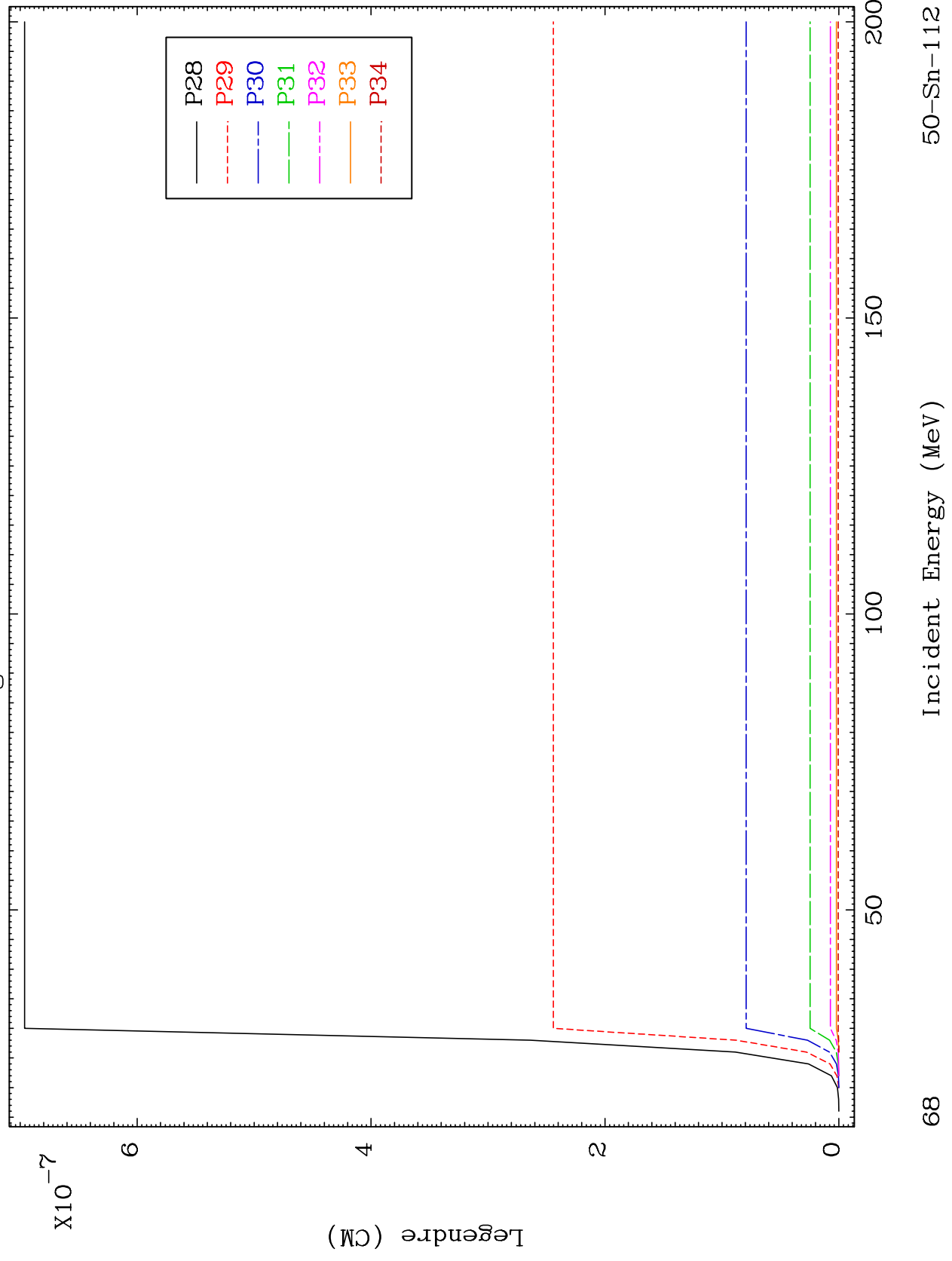
50-Sn-112



MAT 5025

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

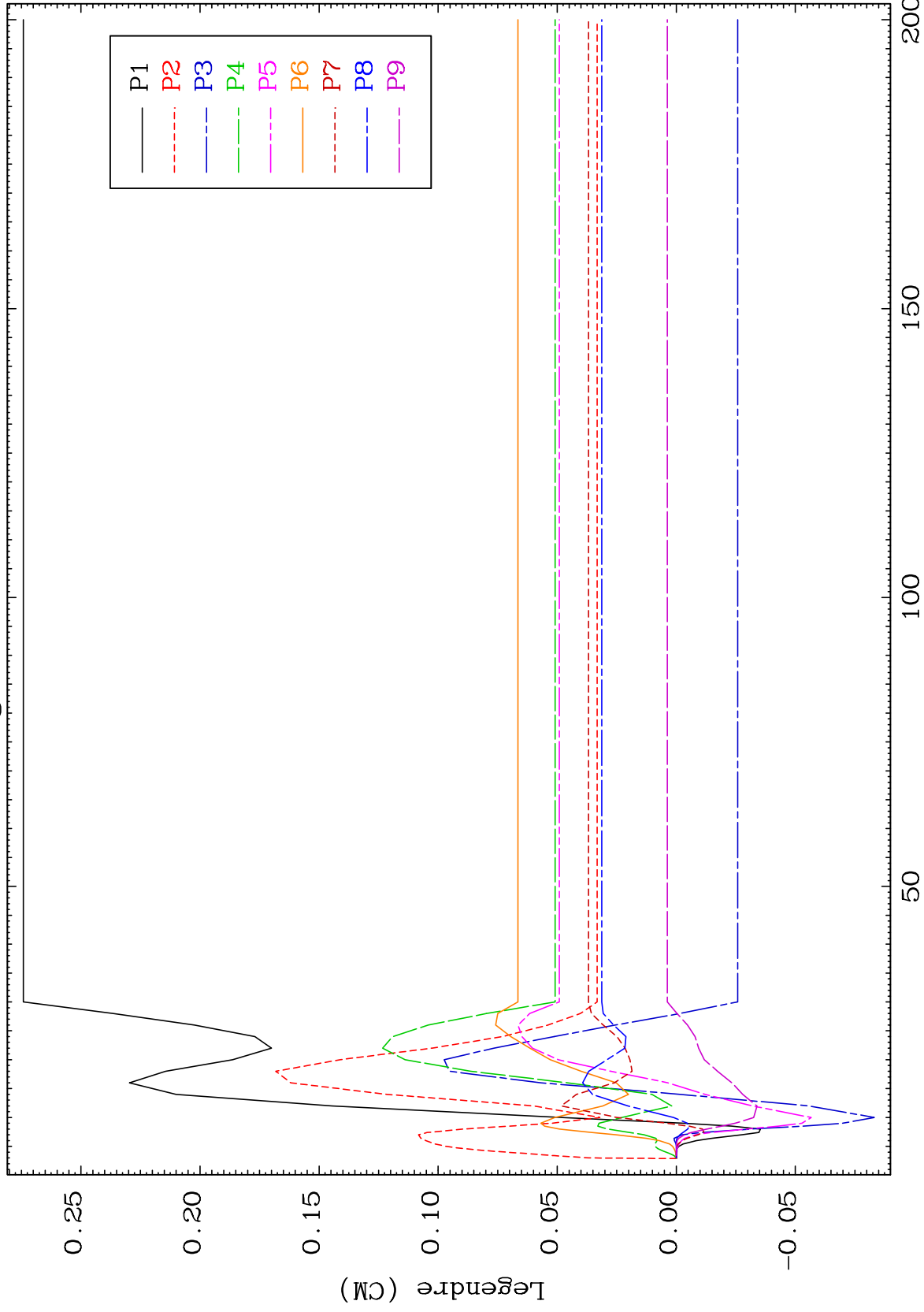
50-Sn-112



MAT 5025

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

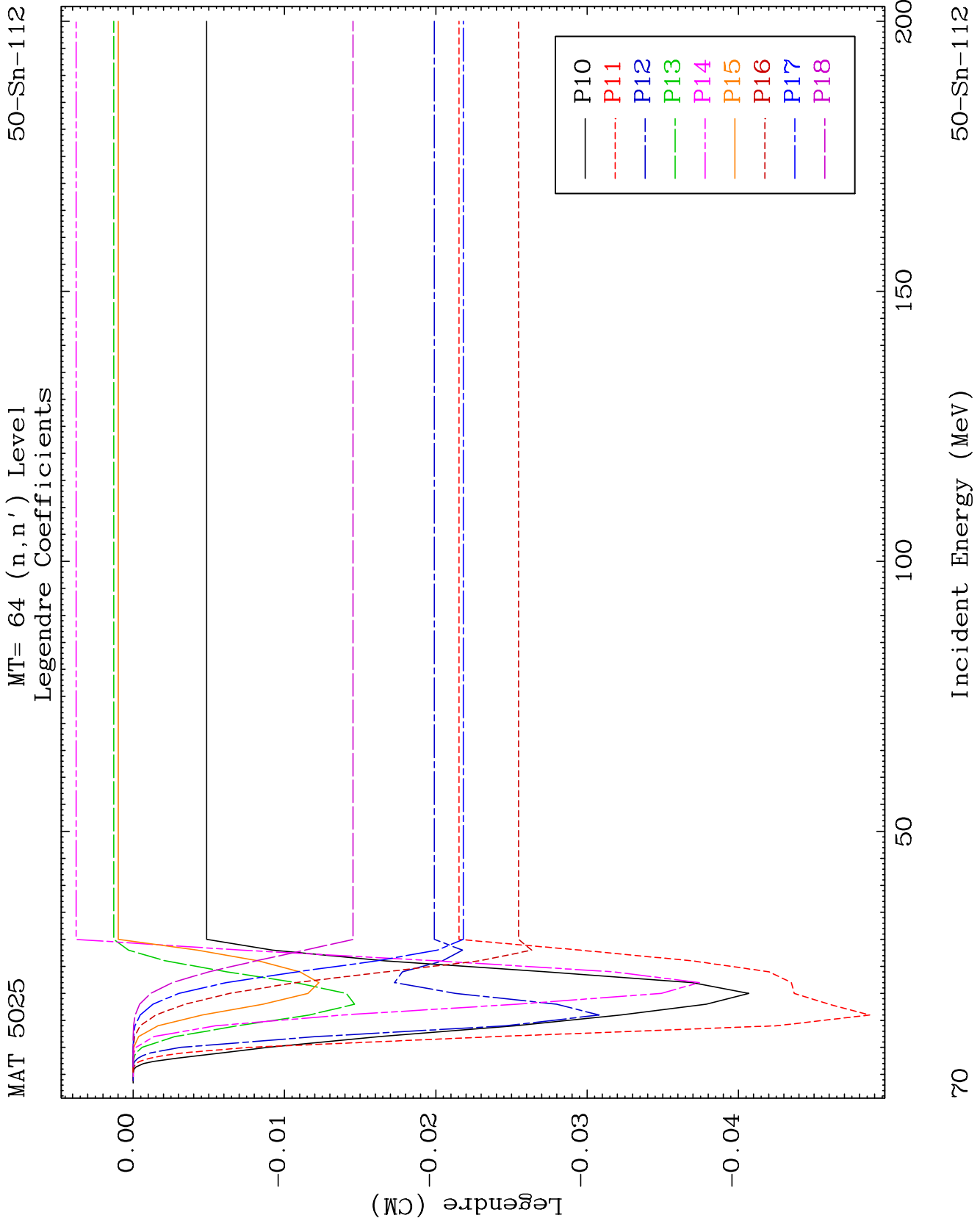
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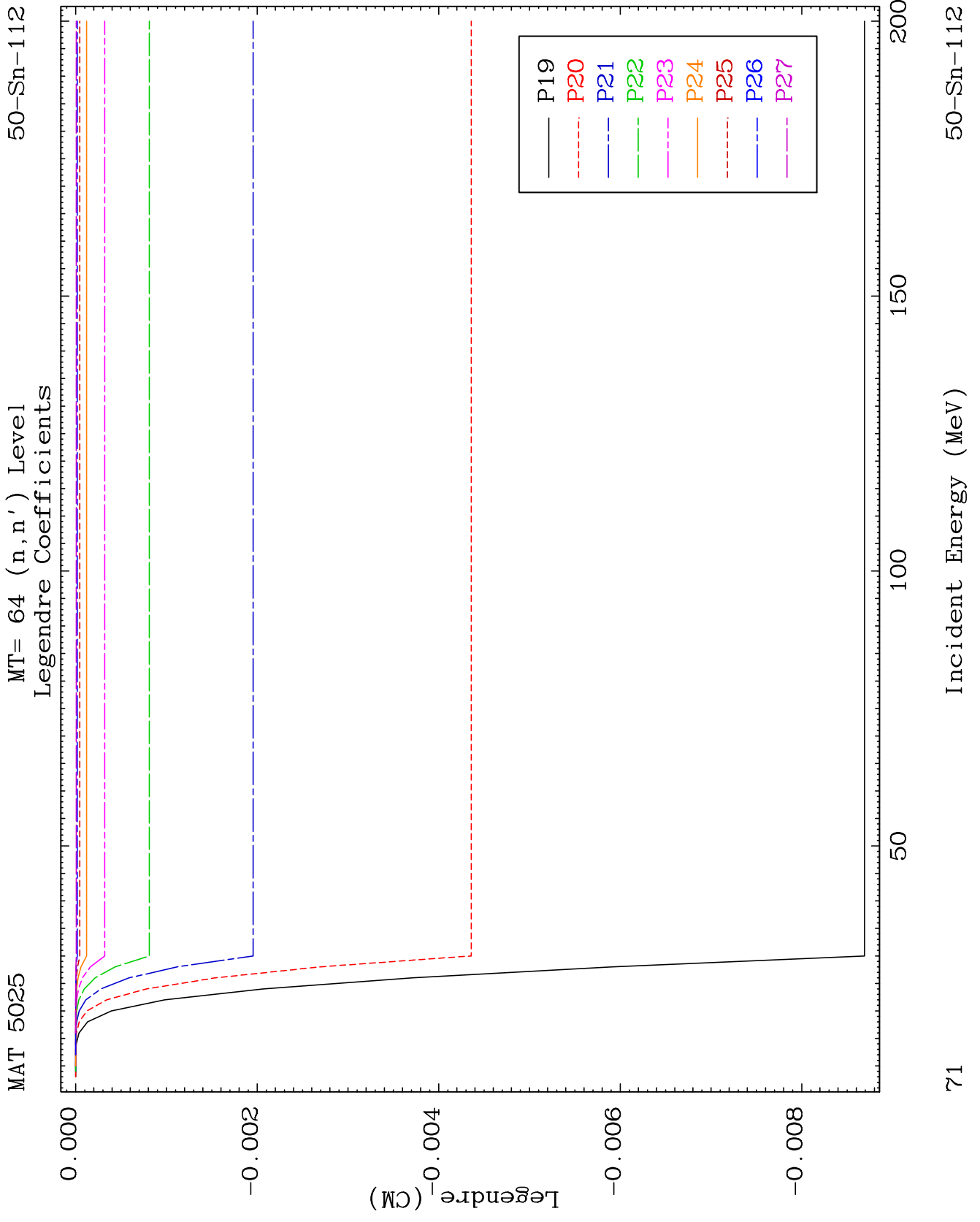


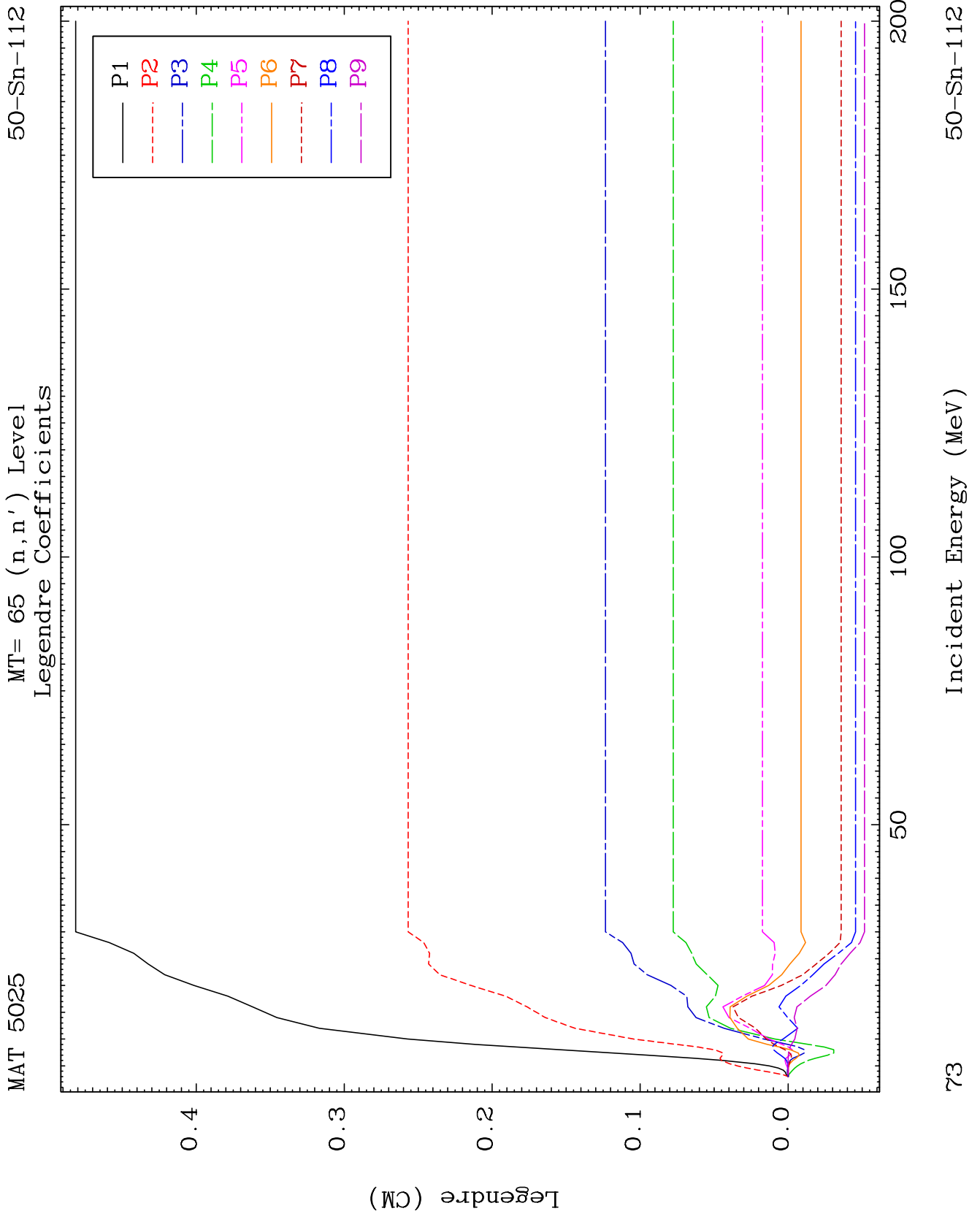
69

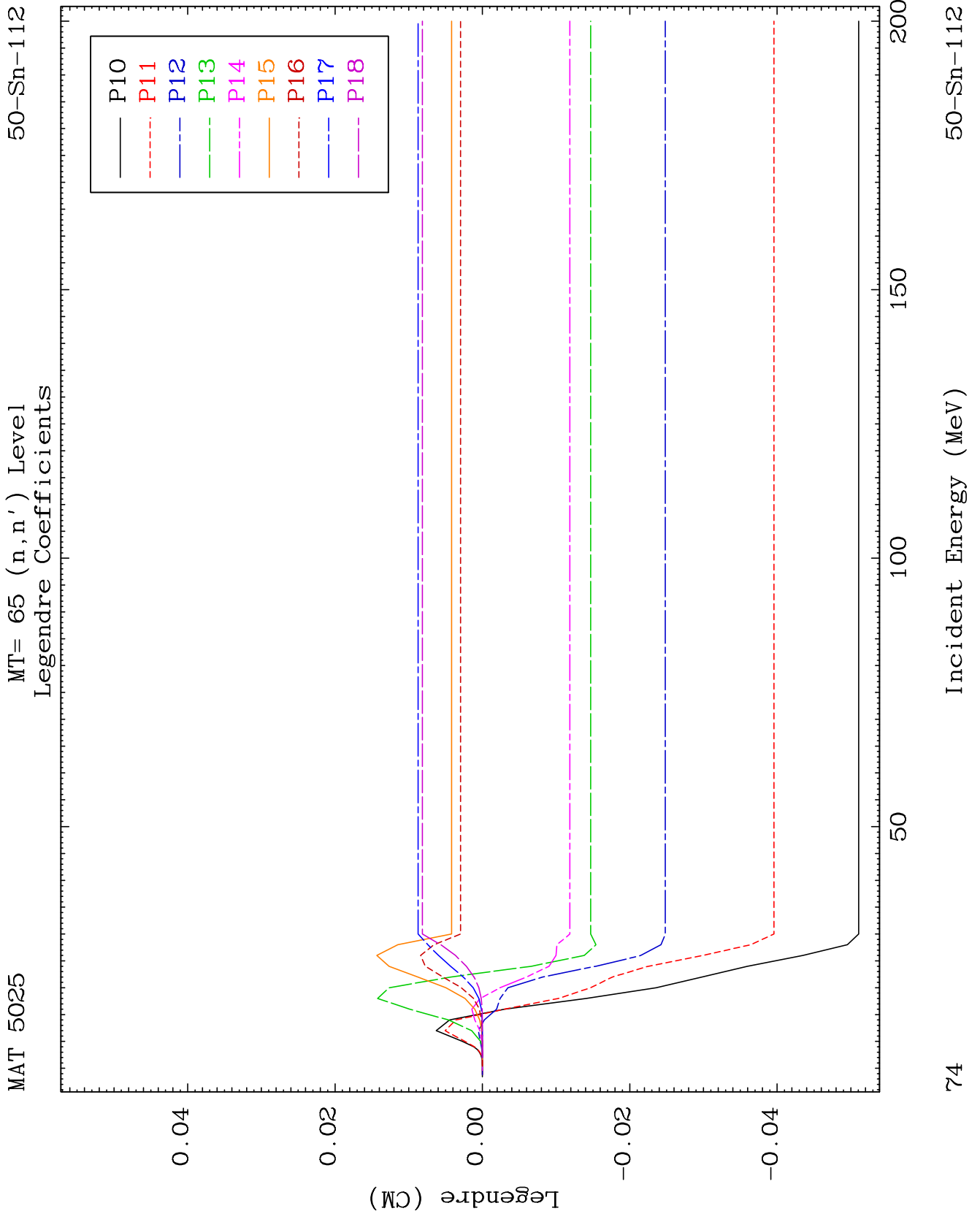
Incident Energy (MeV)

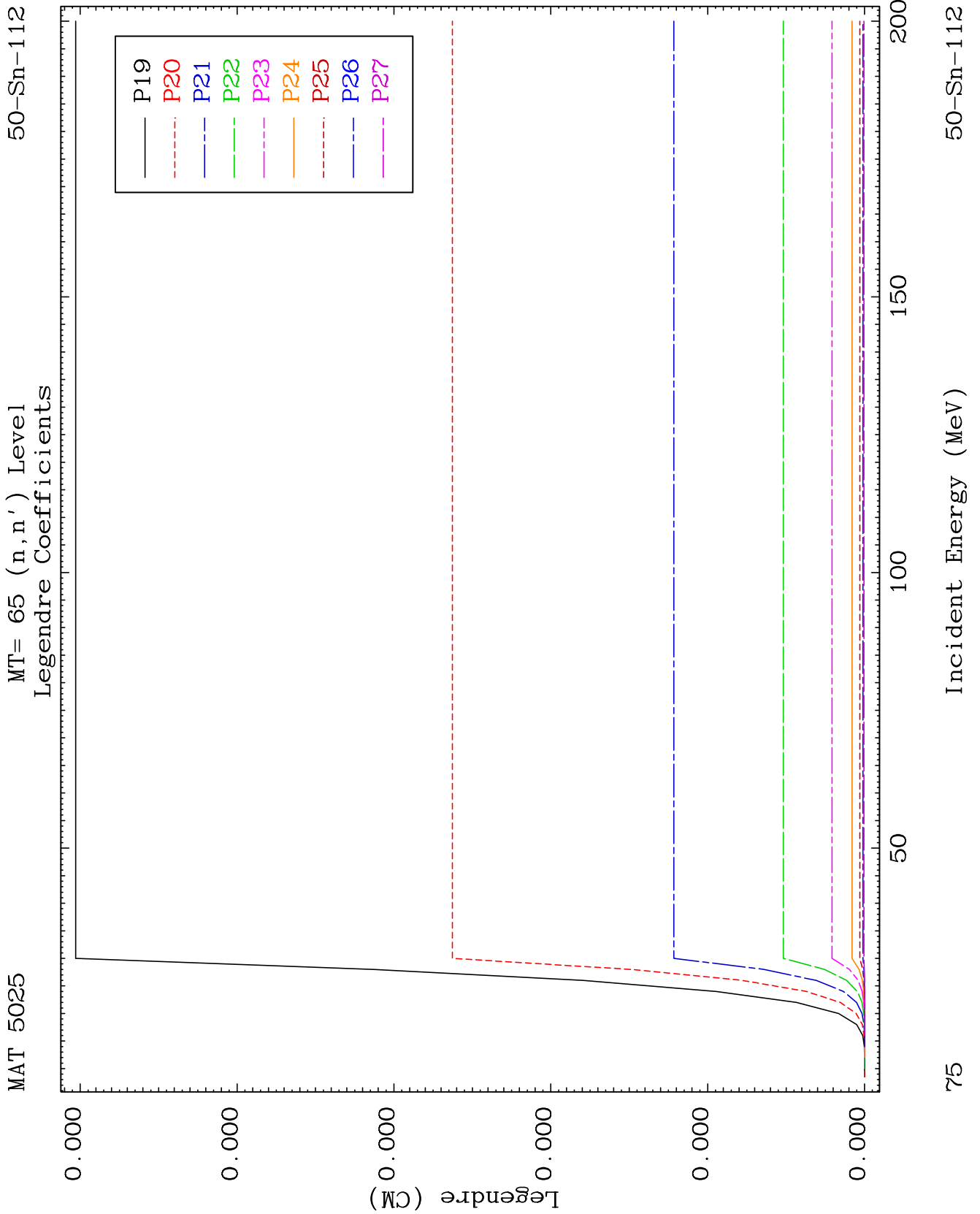
50-Sn-112







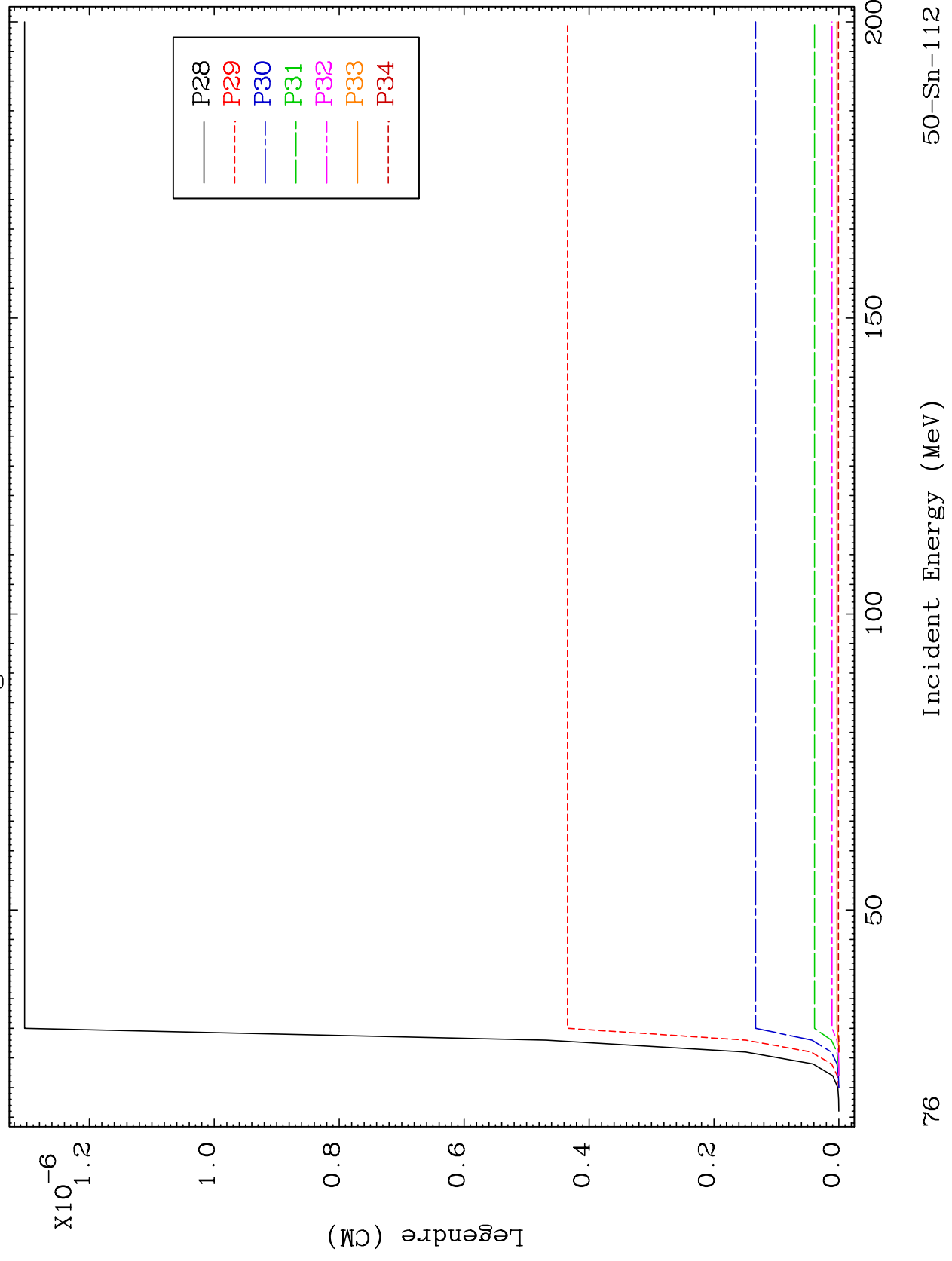


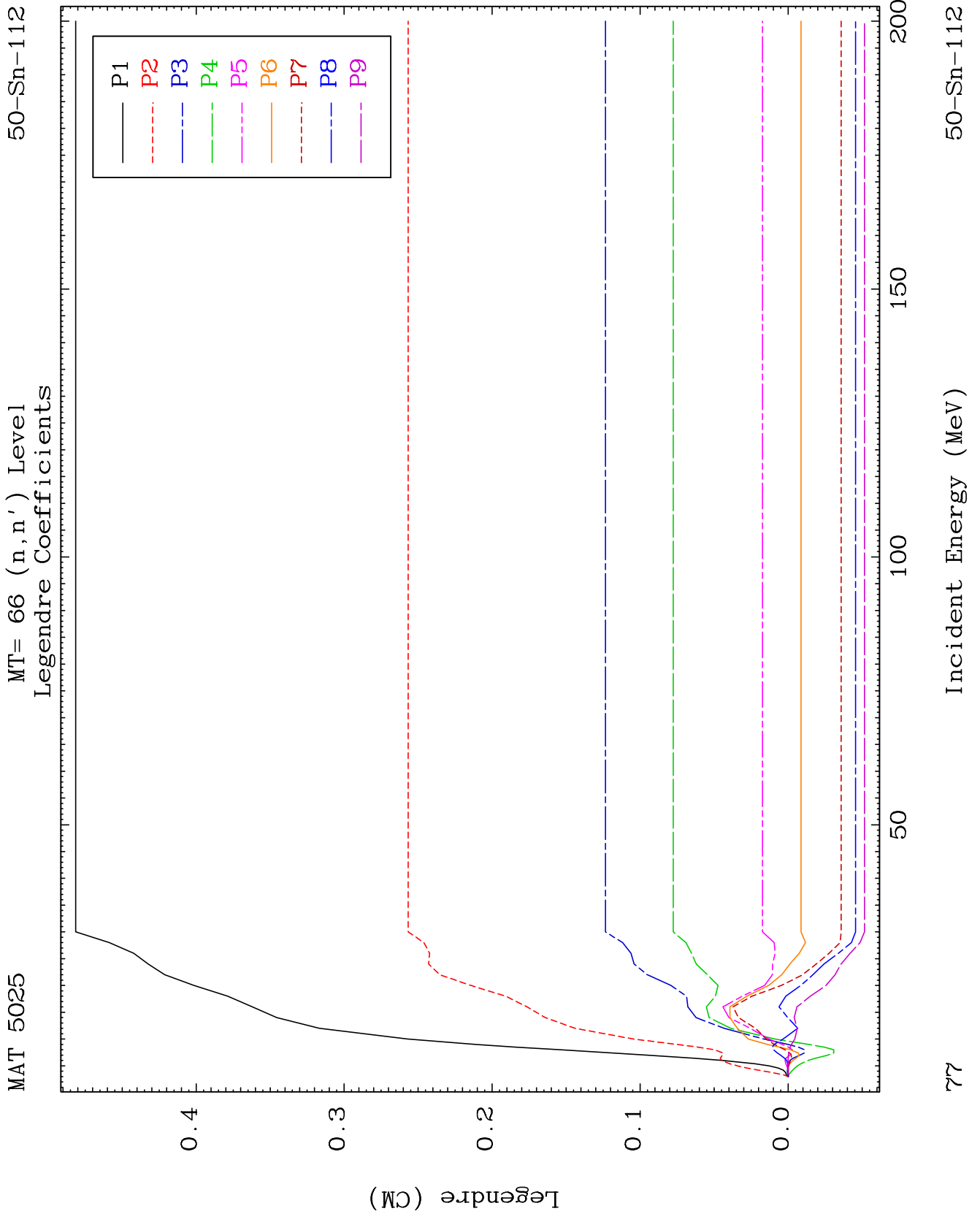


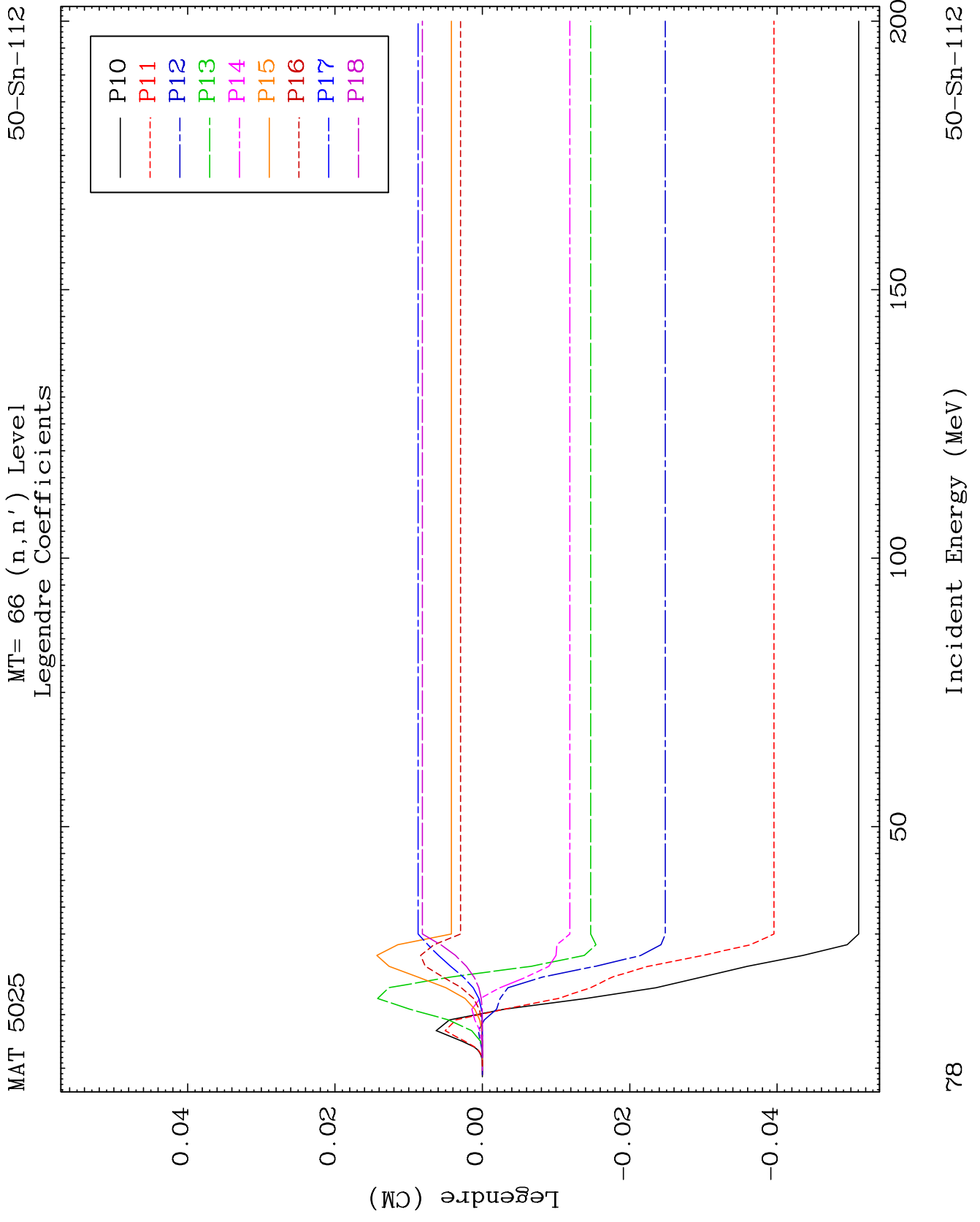
MAT 5025

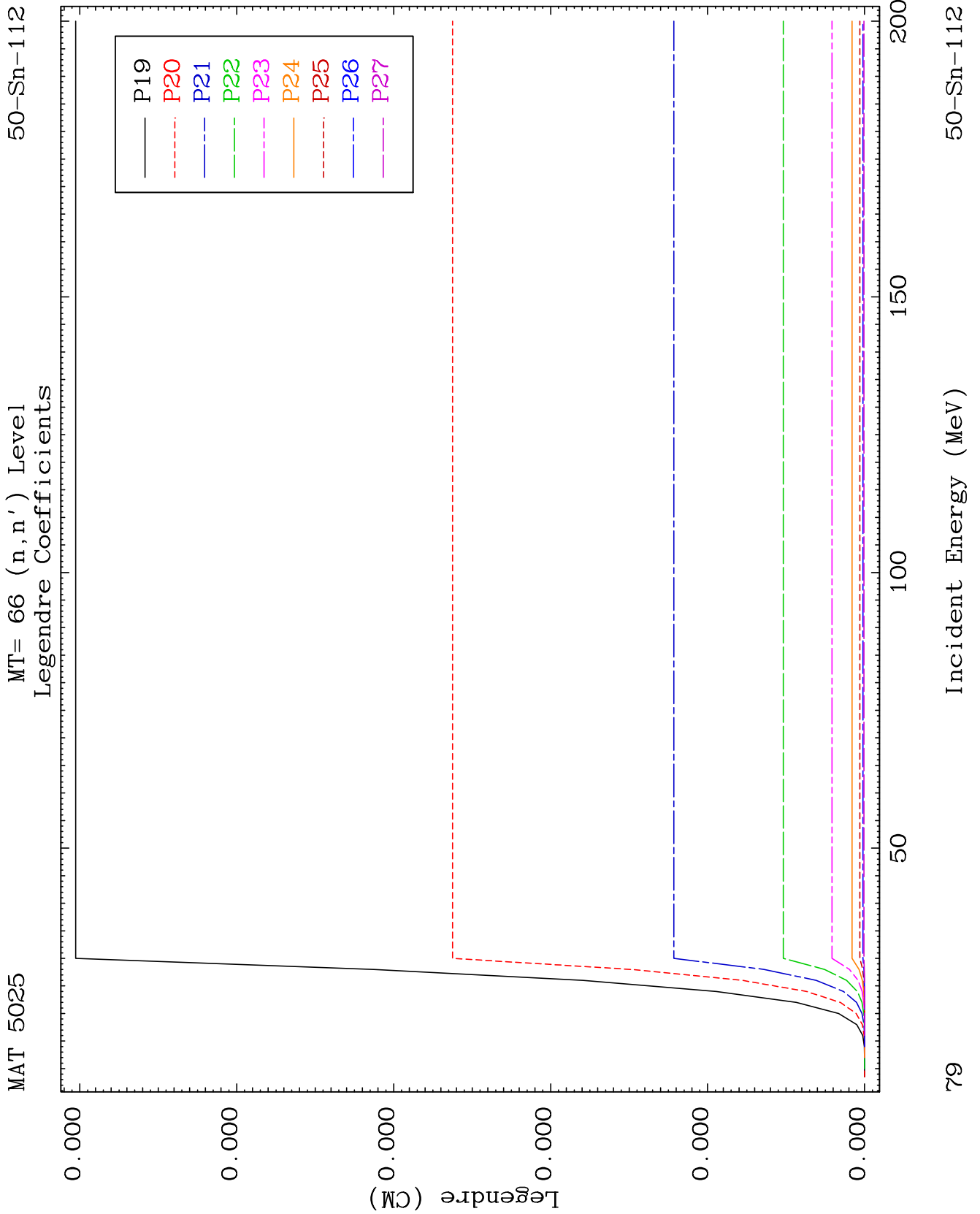
MT= 65 (n,n') Level
Legendre Coefficients

50-Sn-112





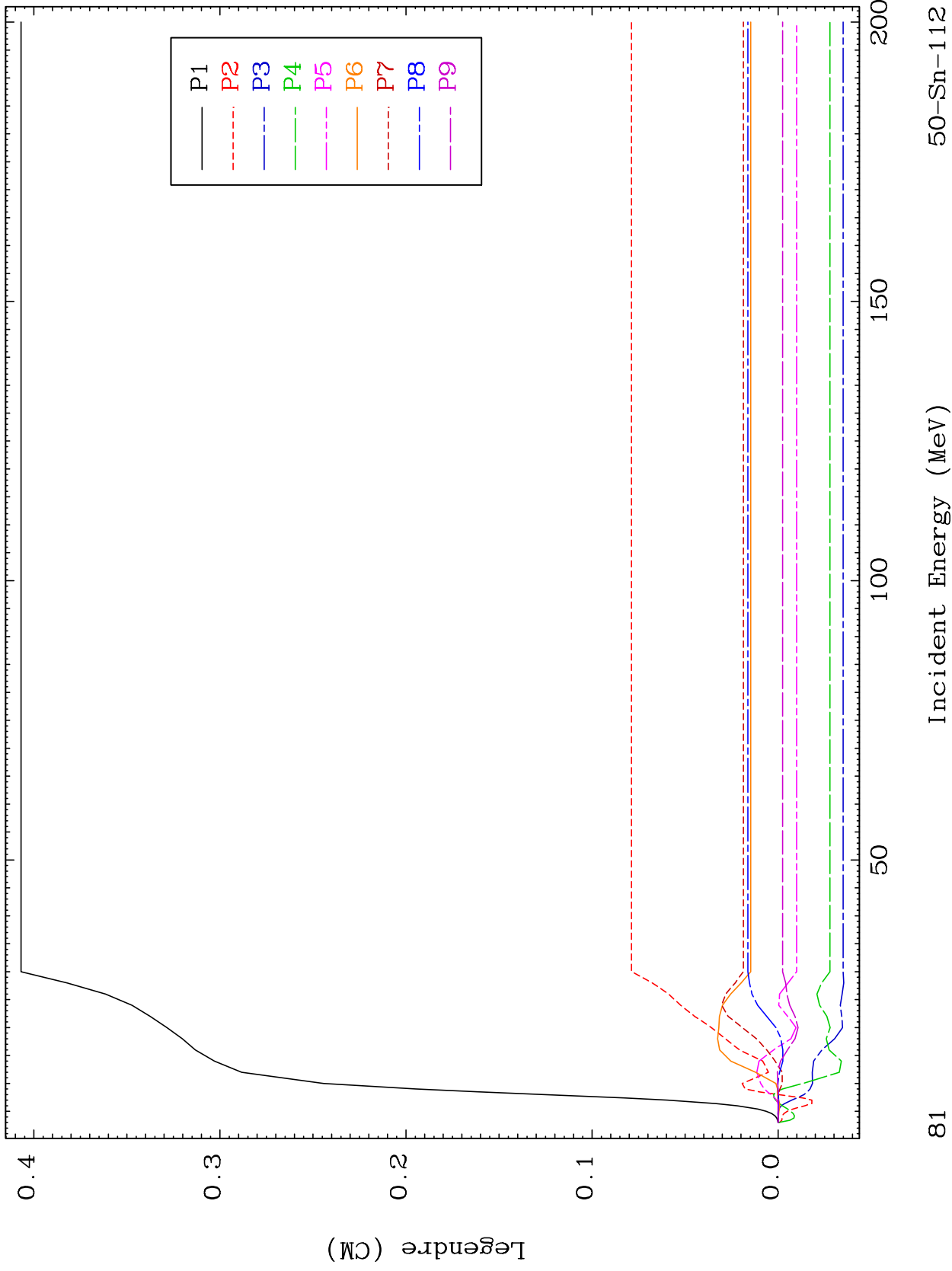




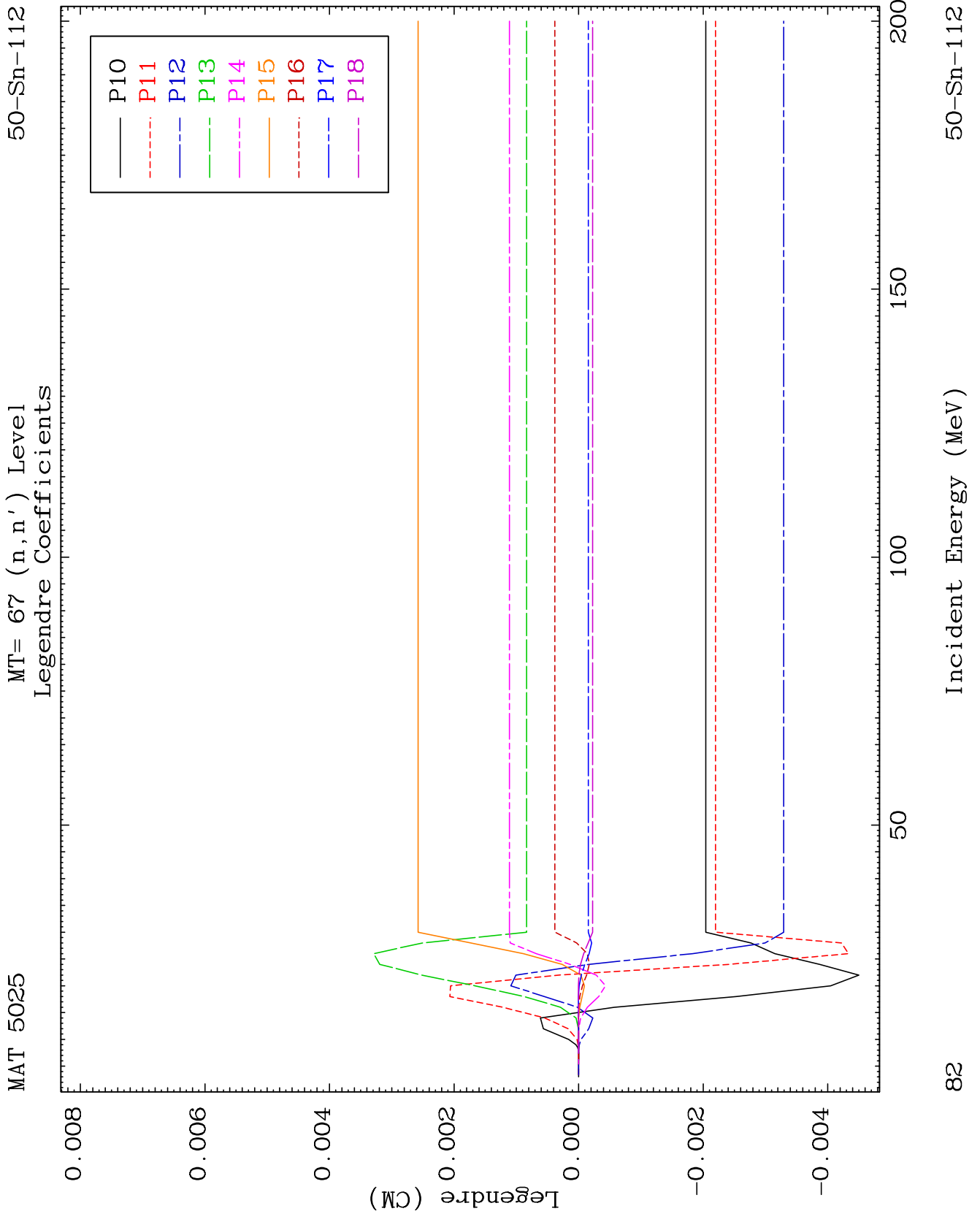
MAT 5025

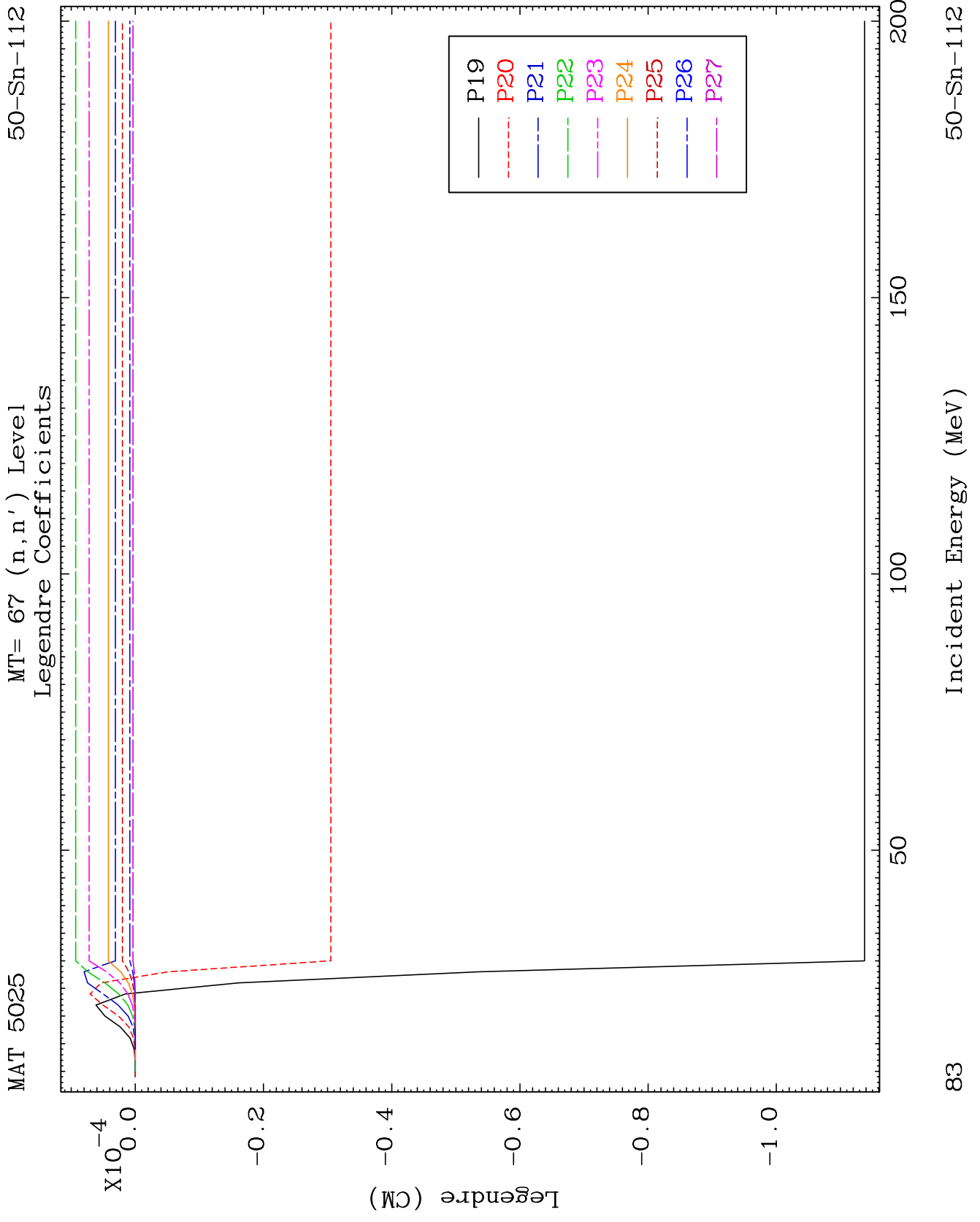
MT= 67 (n,n') Level
Legendre Coefficients

50-Sn-112



81

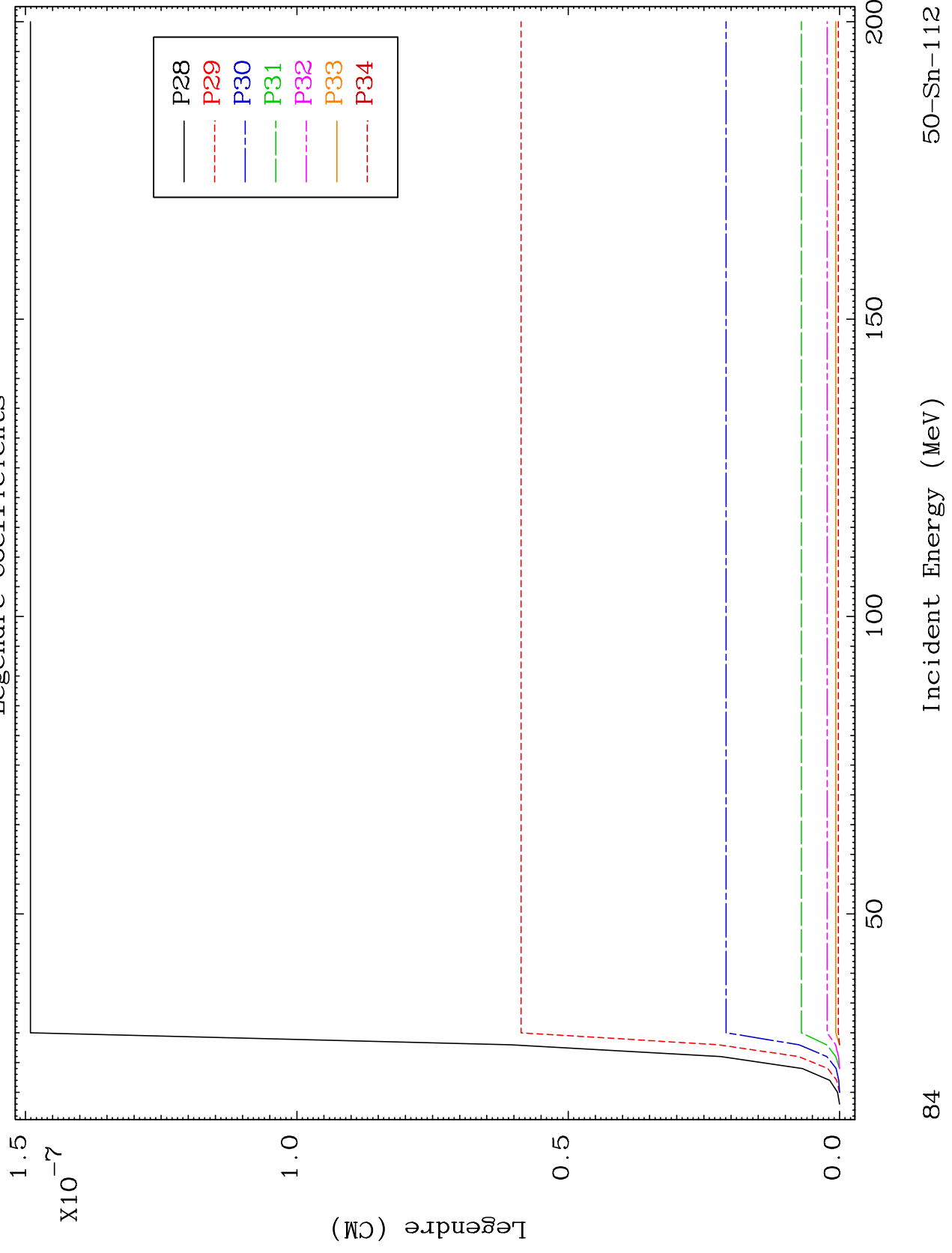


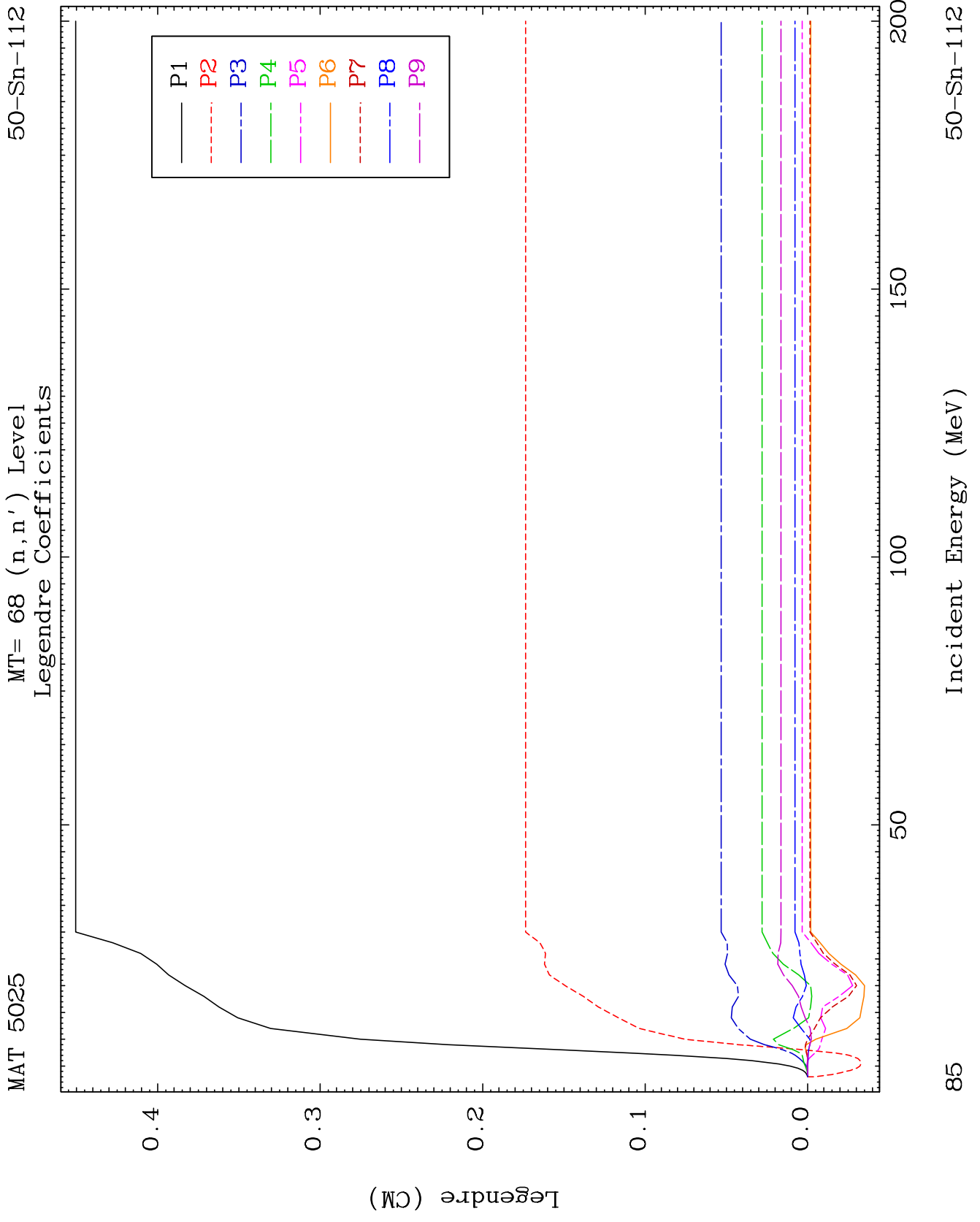


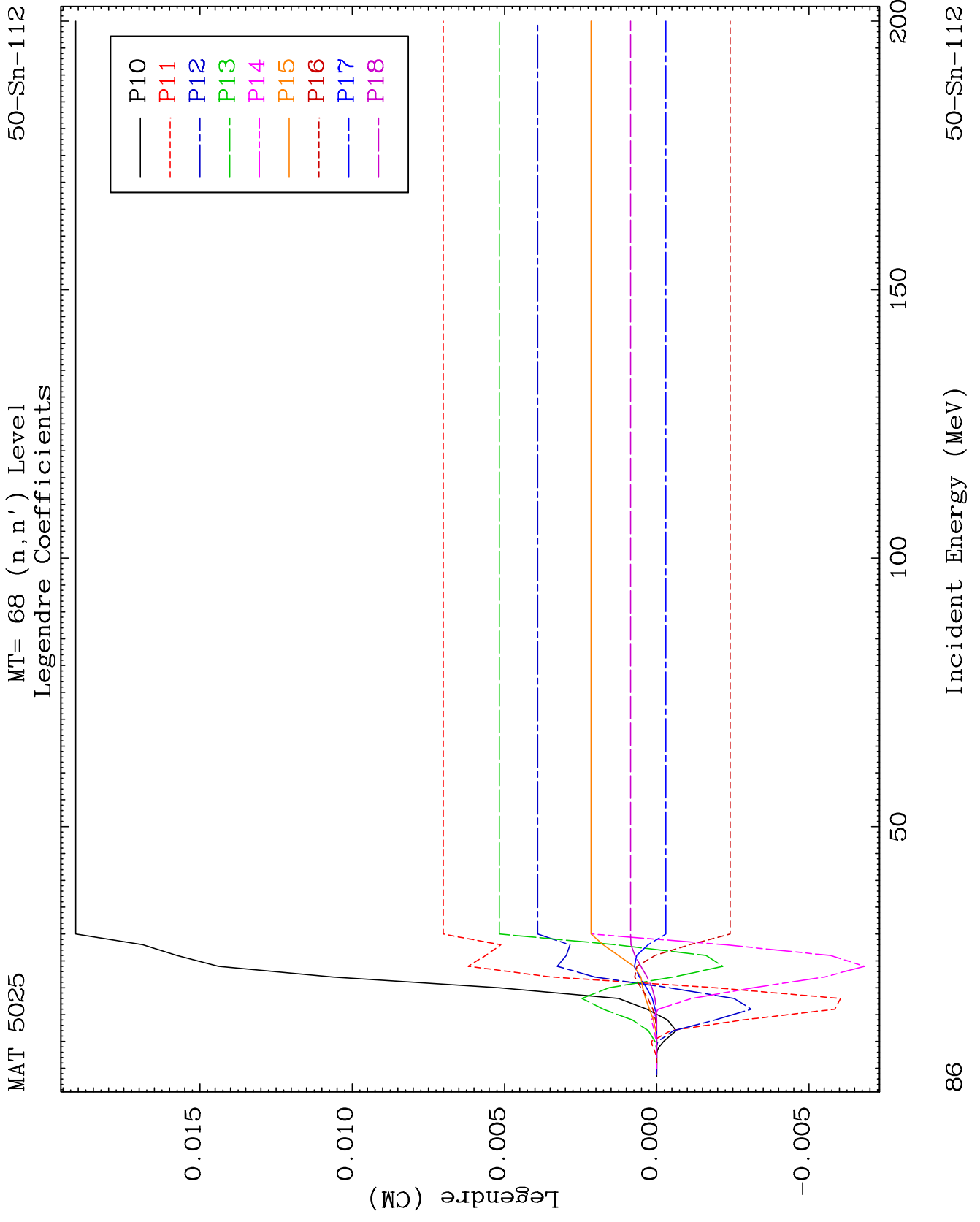
MAT 5025

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

50-Sn-112



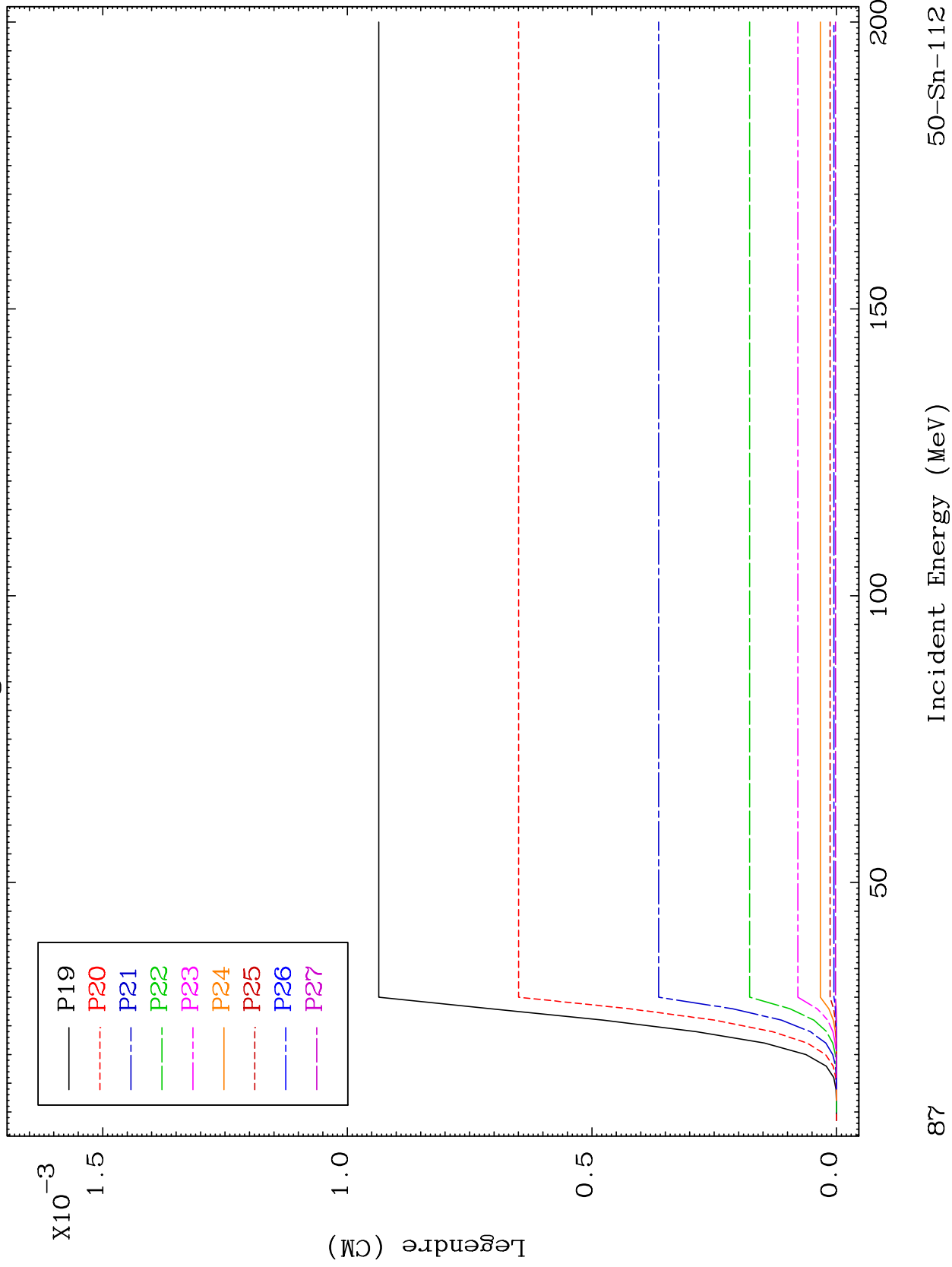




MAT 5025

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

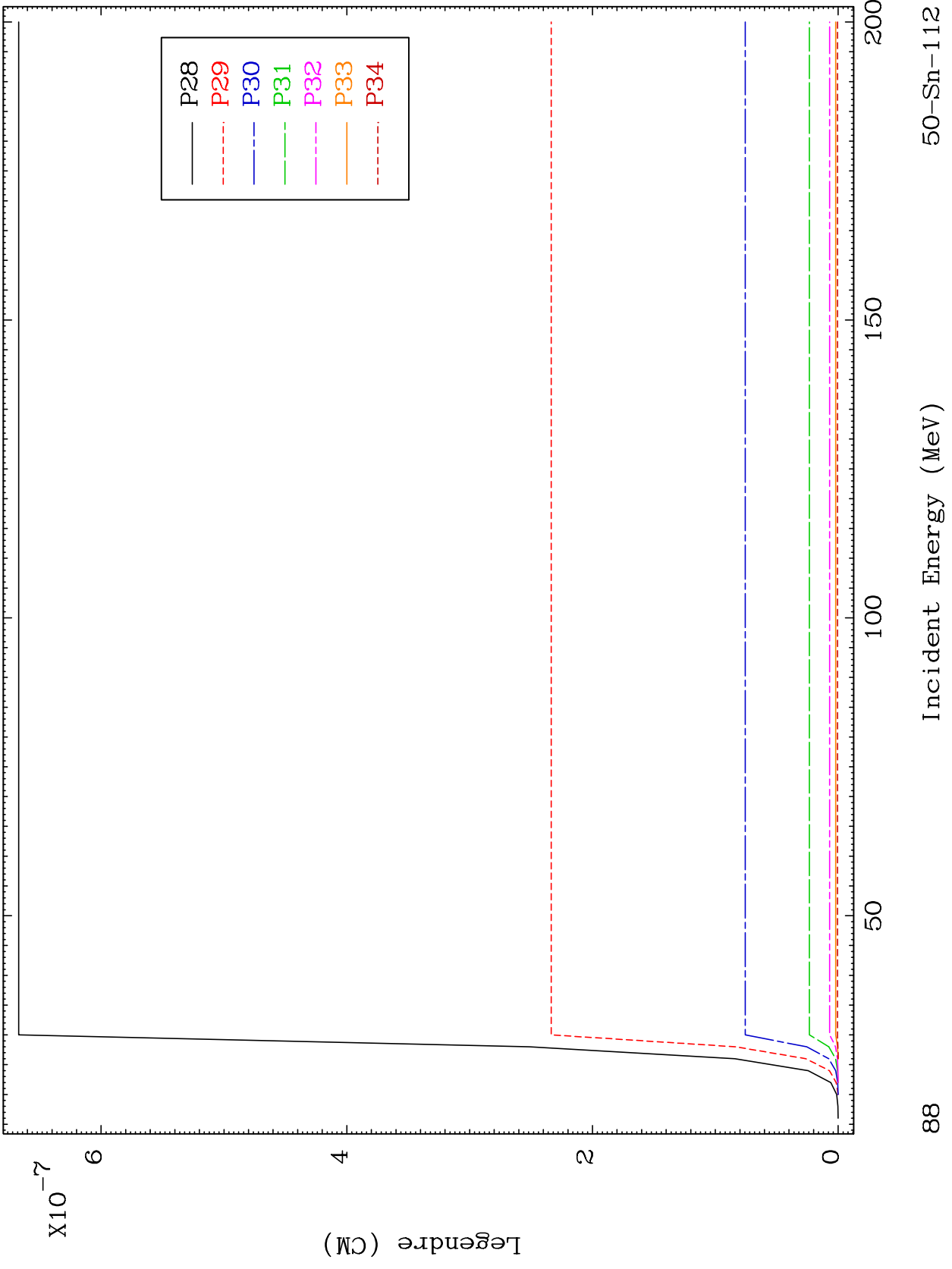
50-Sn-112



MAT 5025

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

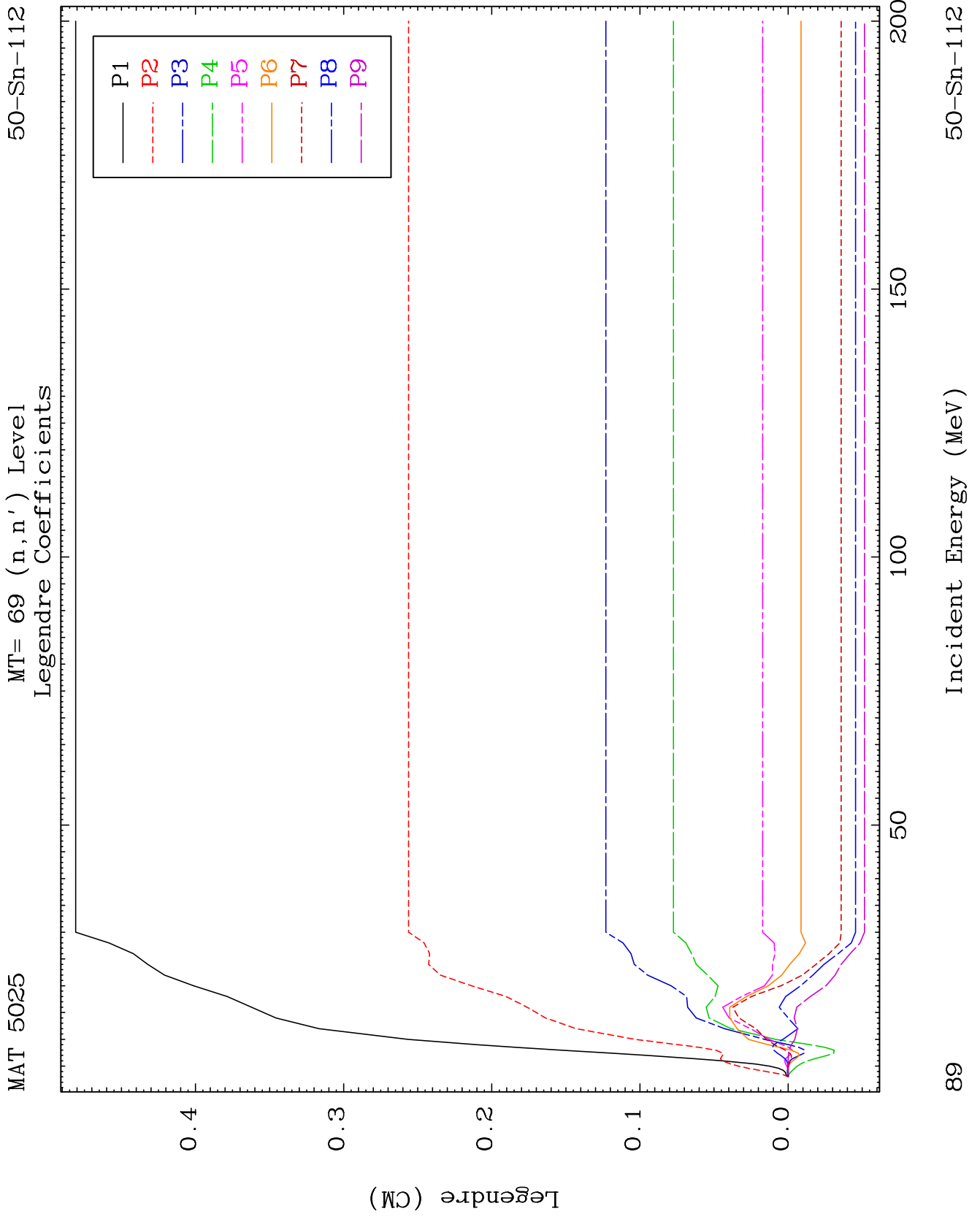
50-Sn-112

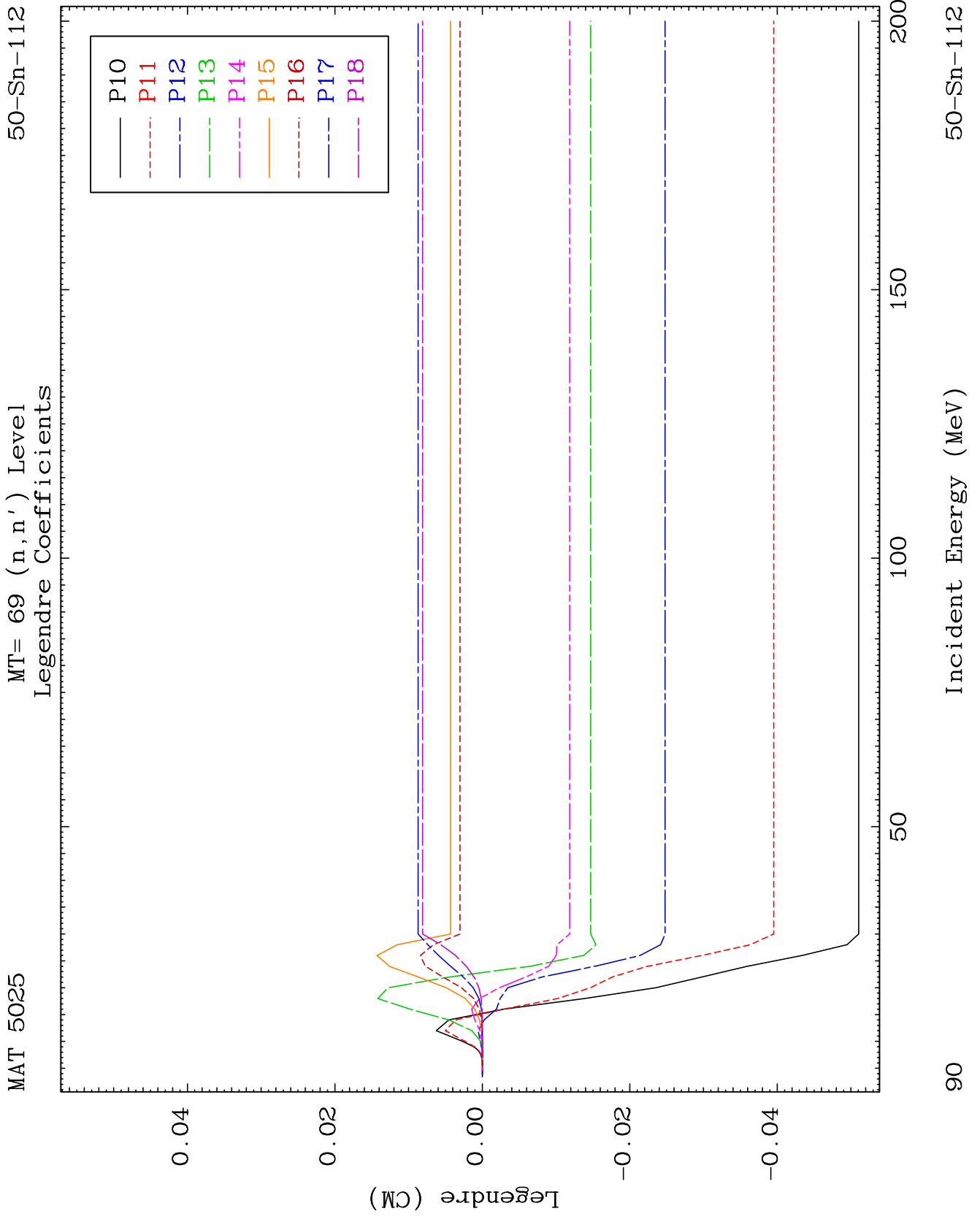


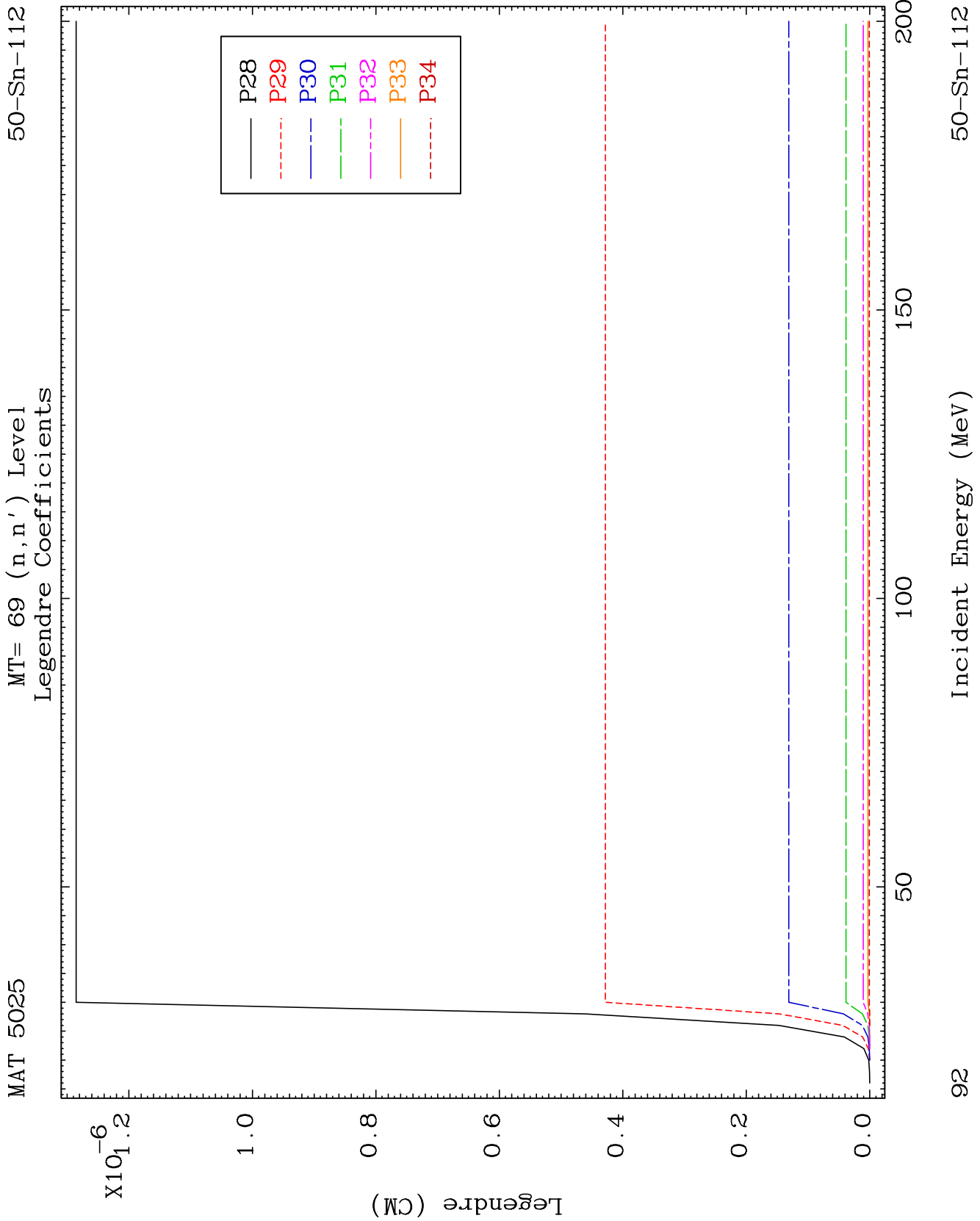
88

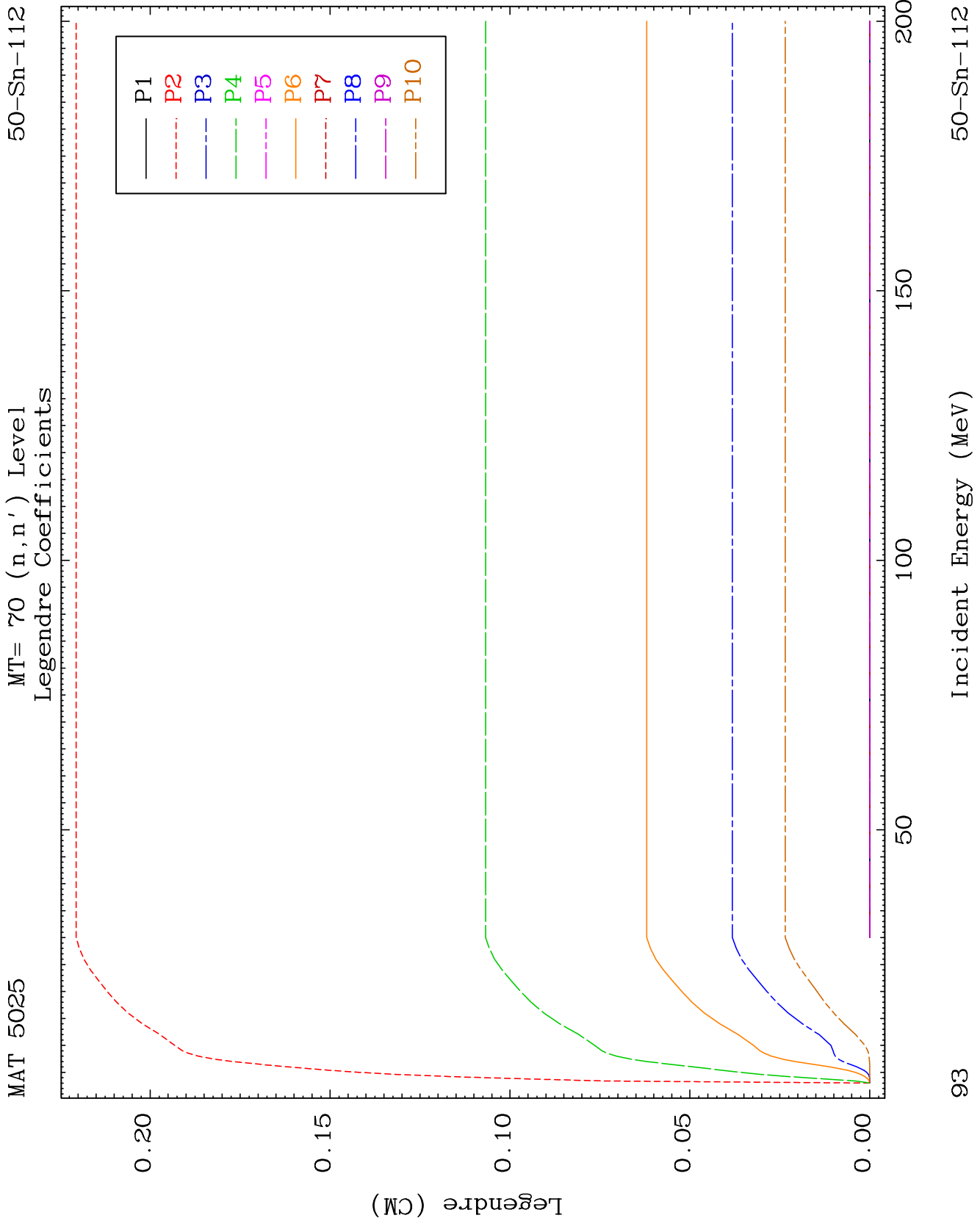
Incident Energy (MeV)

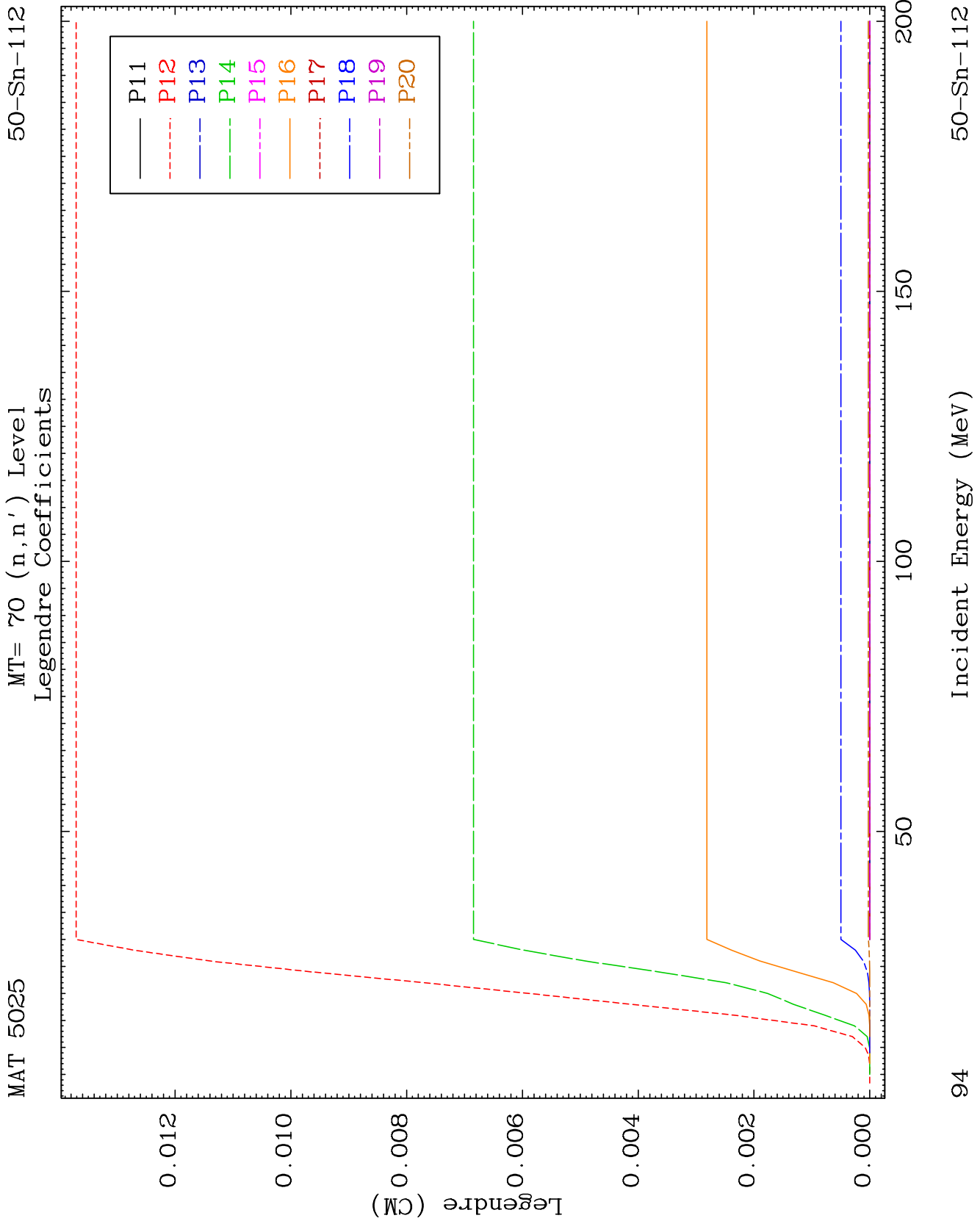
50-Sn-112

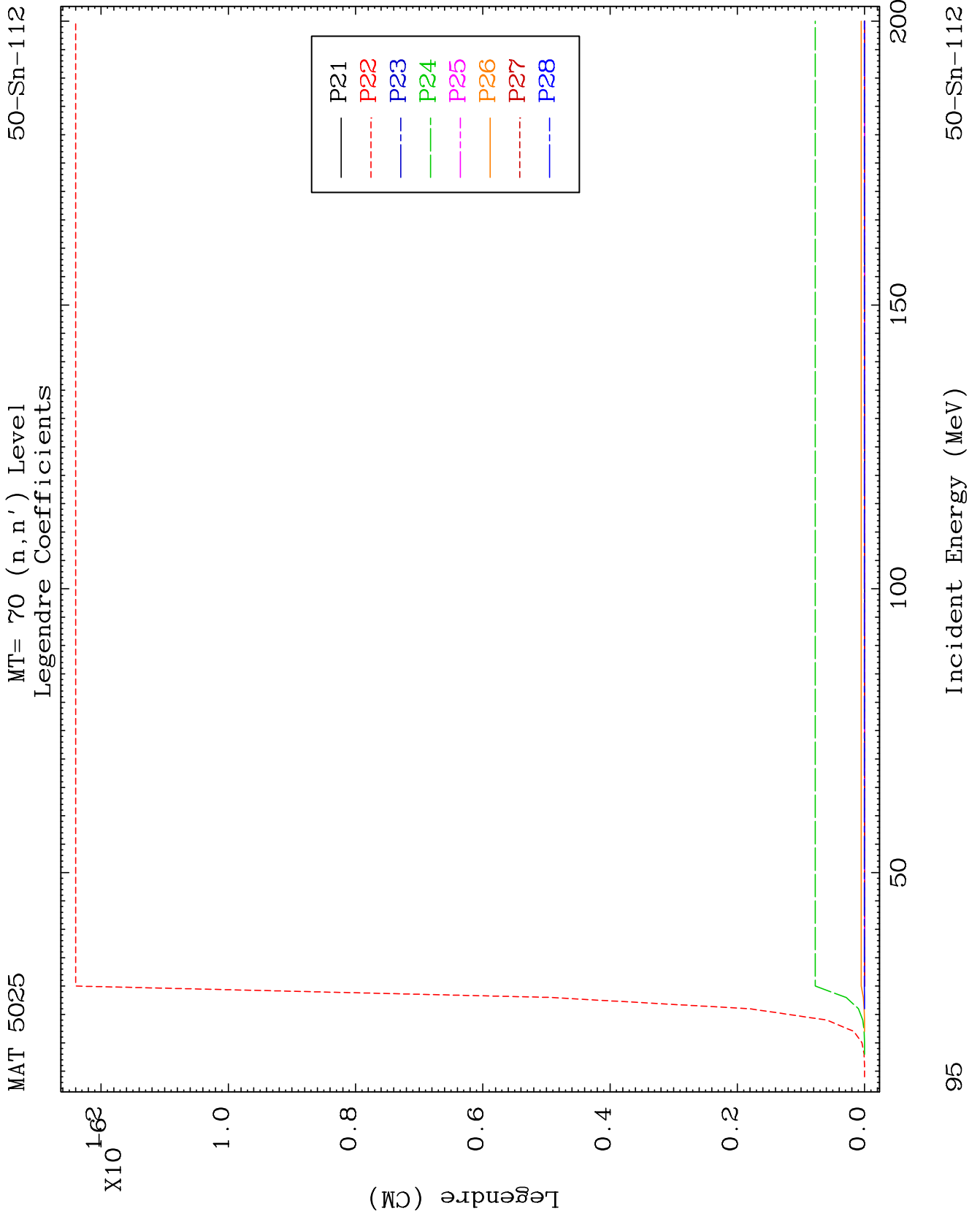


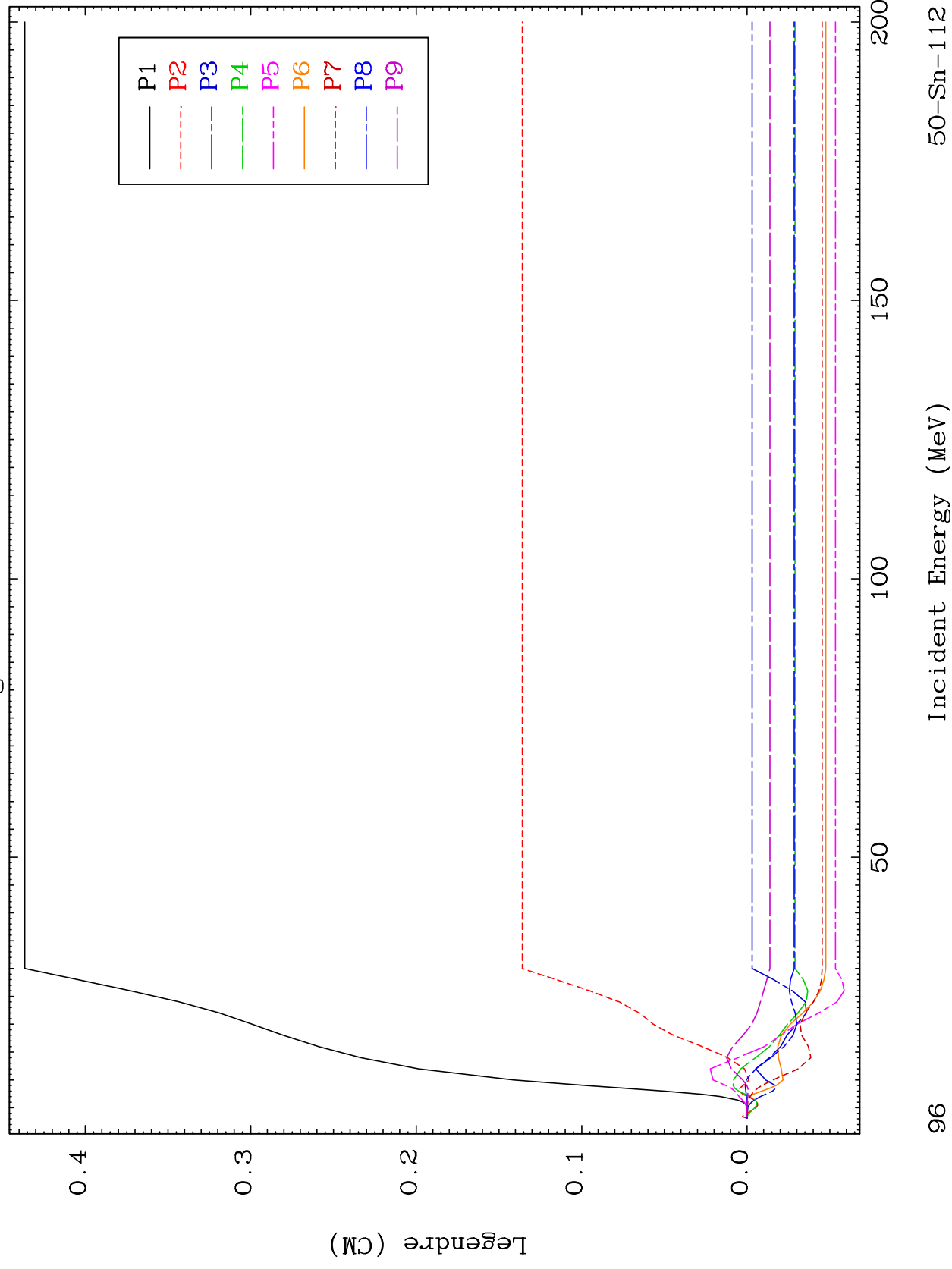


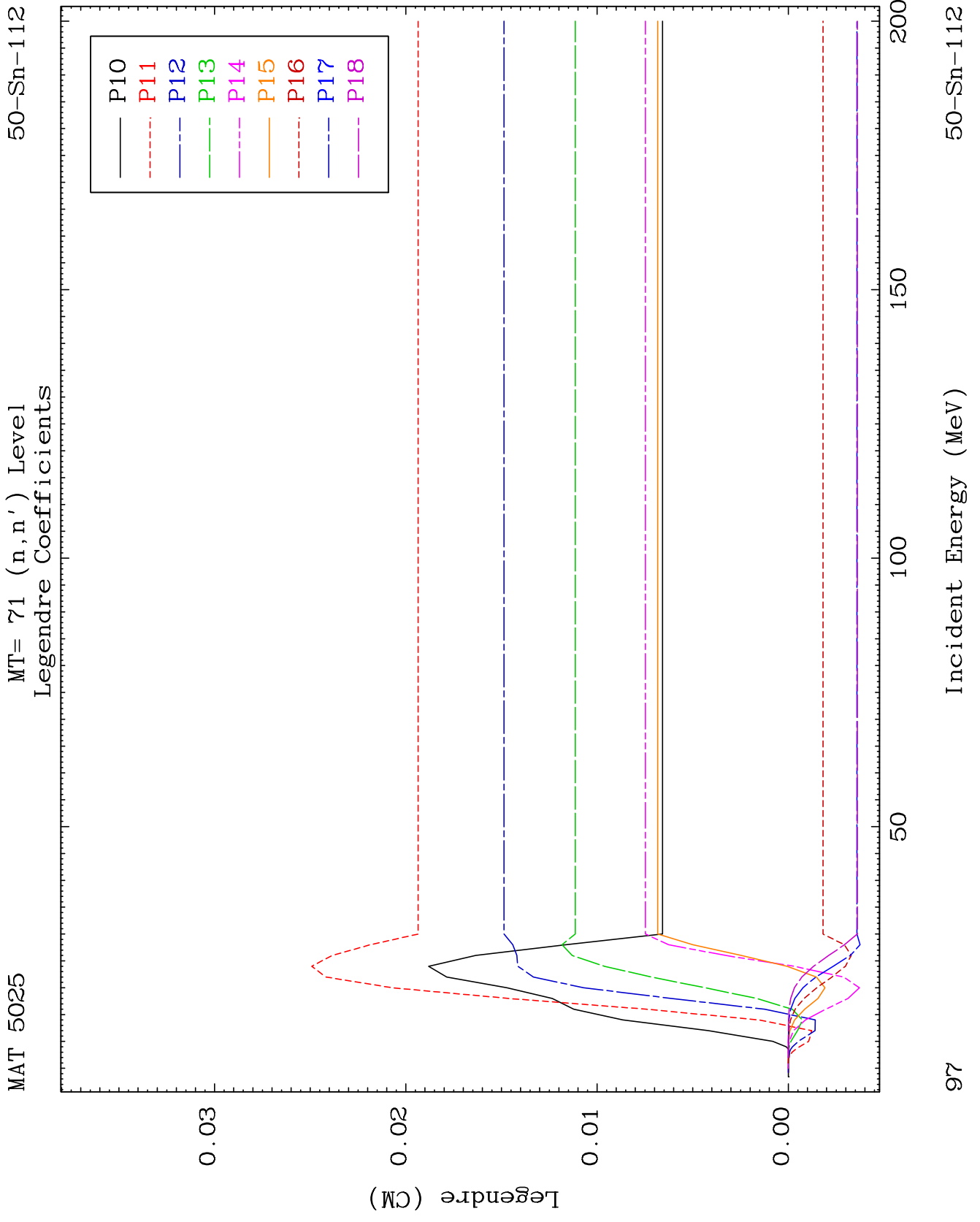


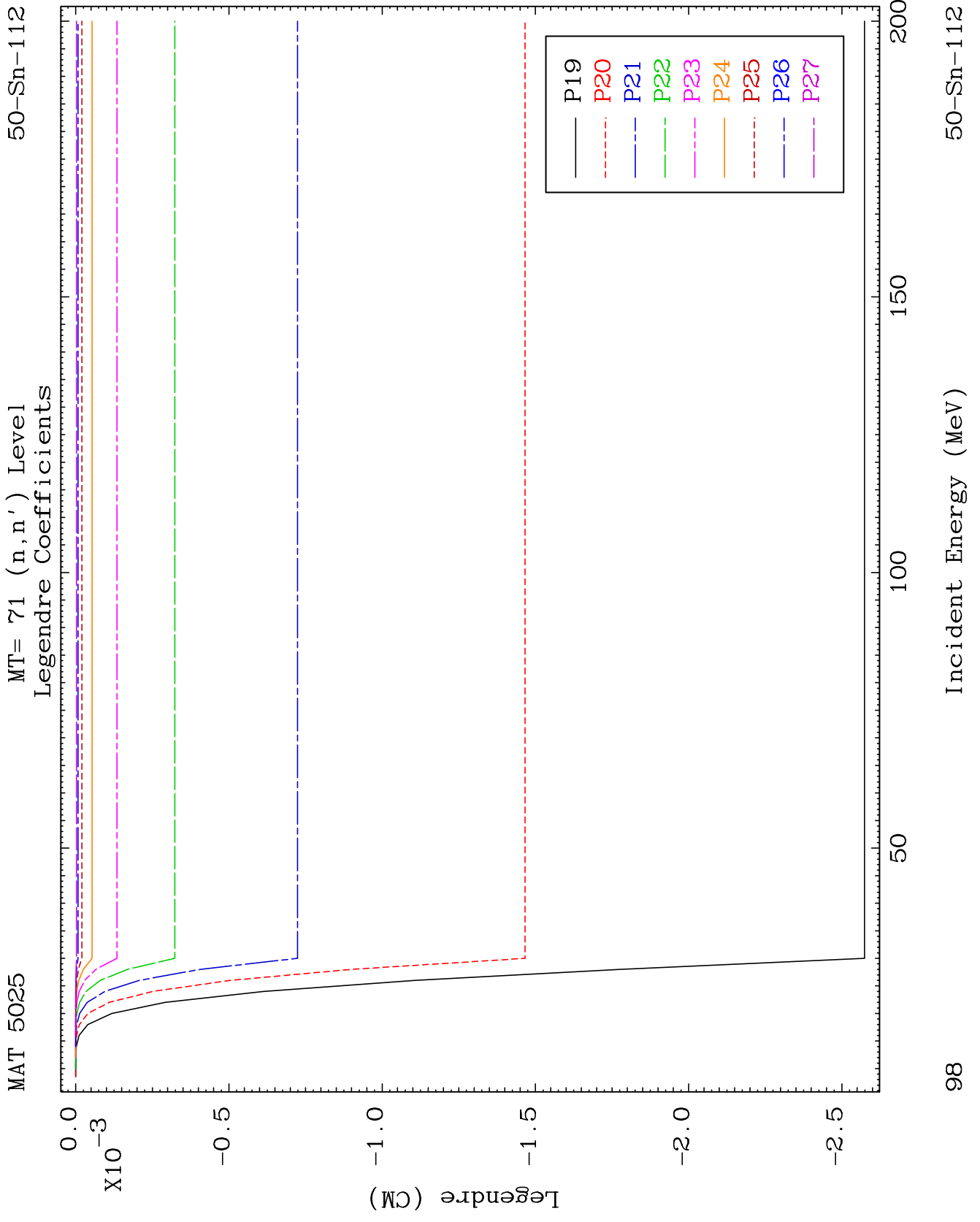


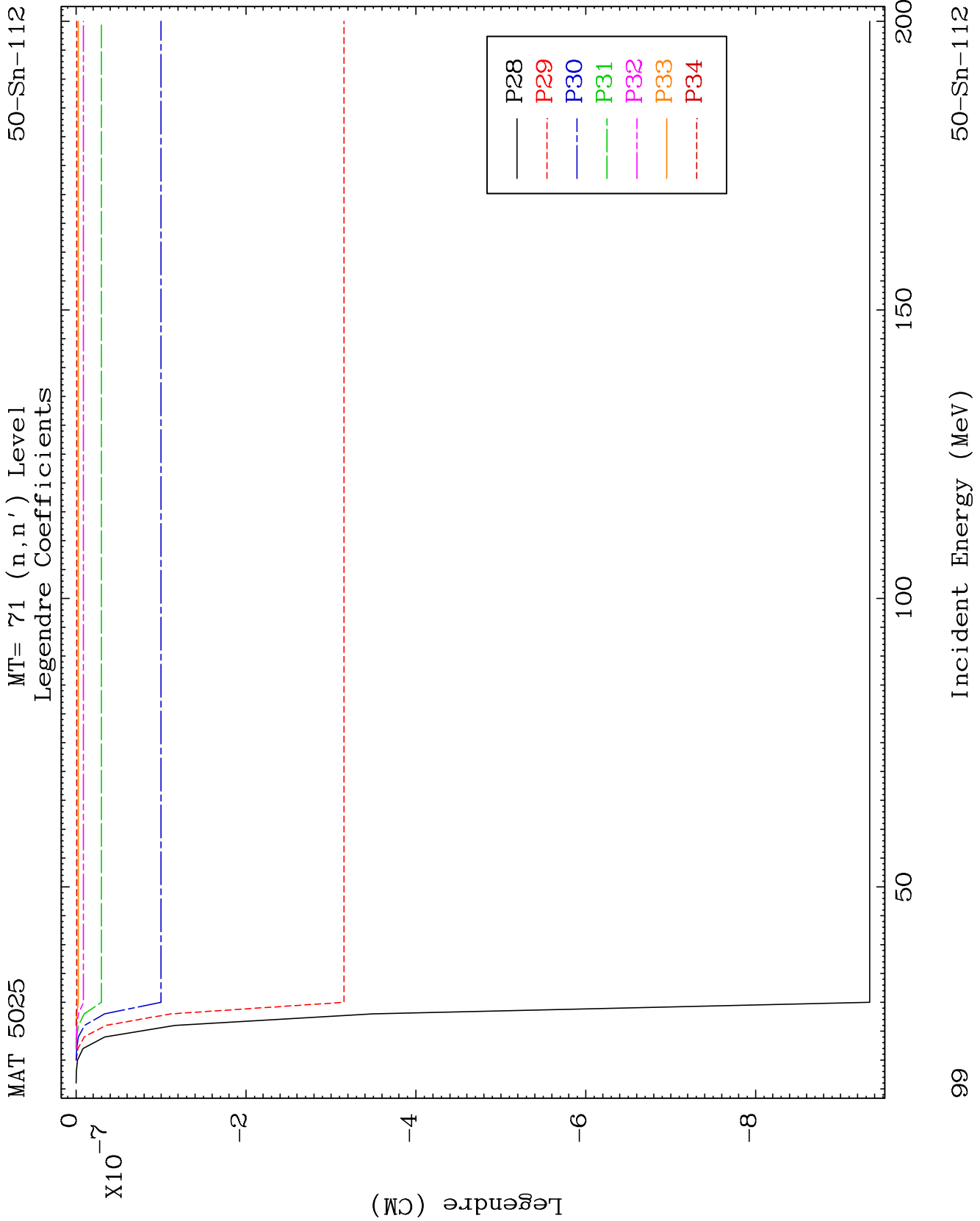


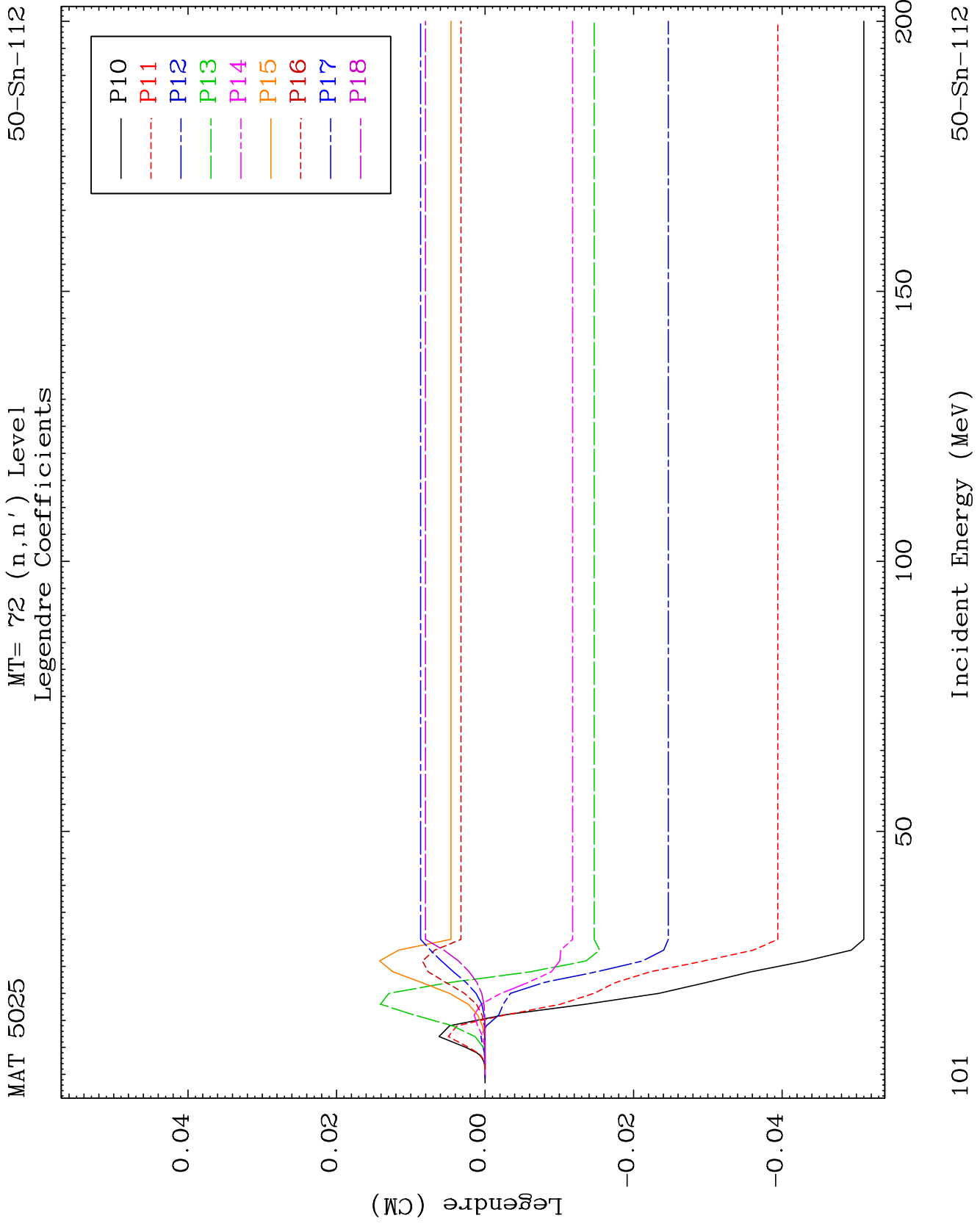


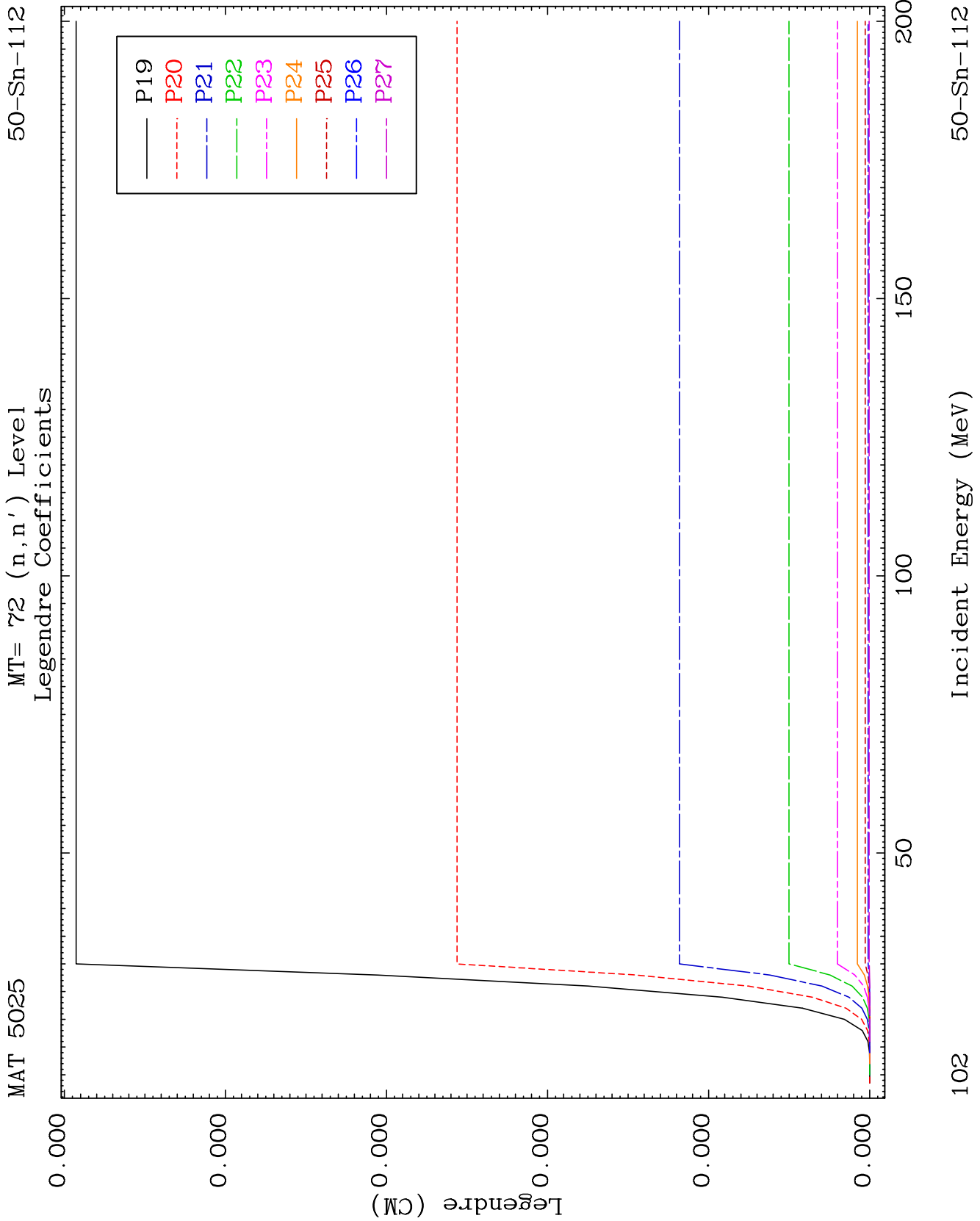








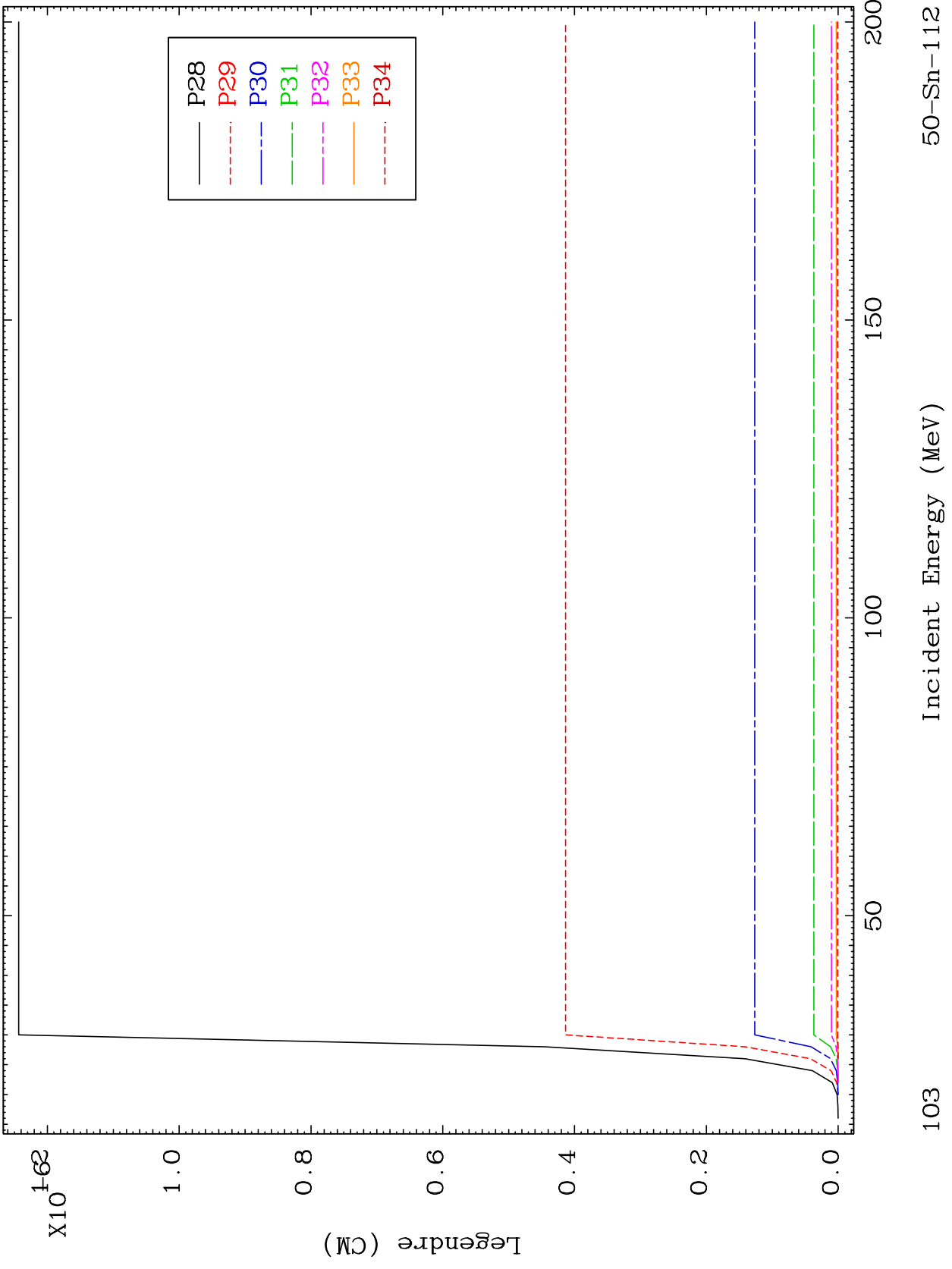




MAT 5025

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

50-Sn-112

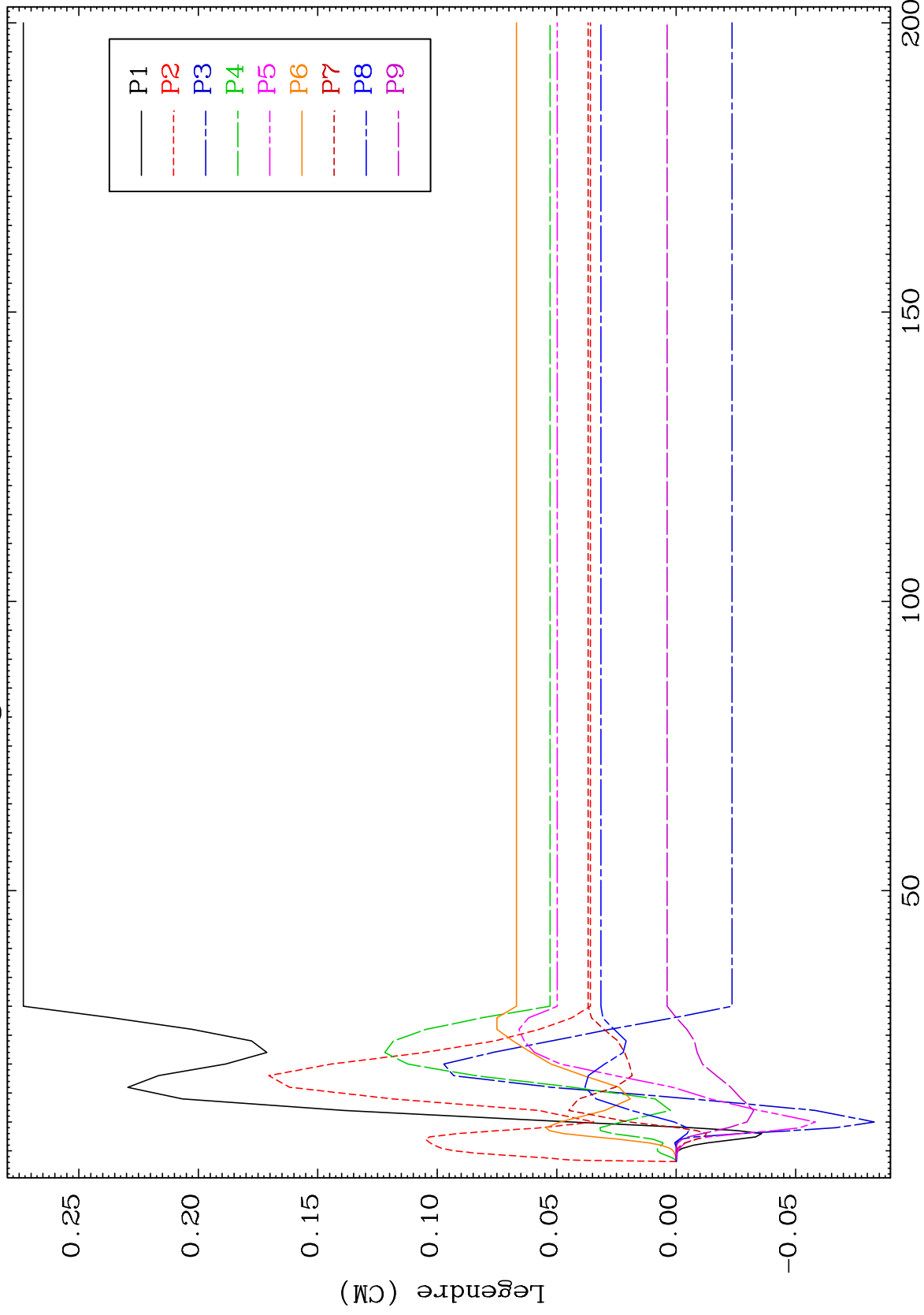


103

MAT 5025

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

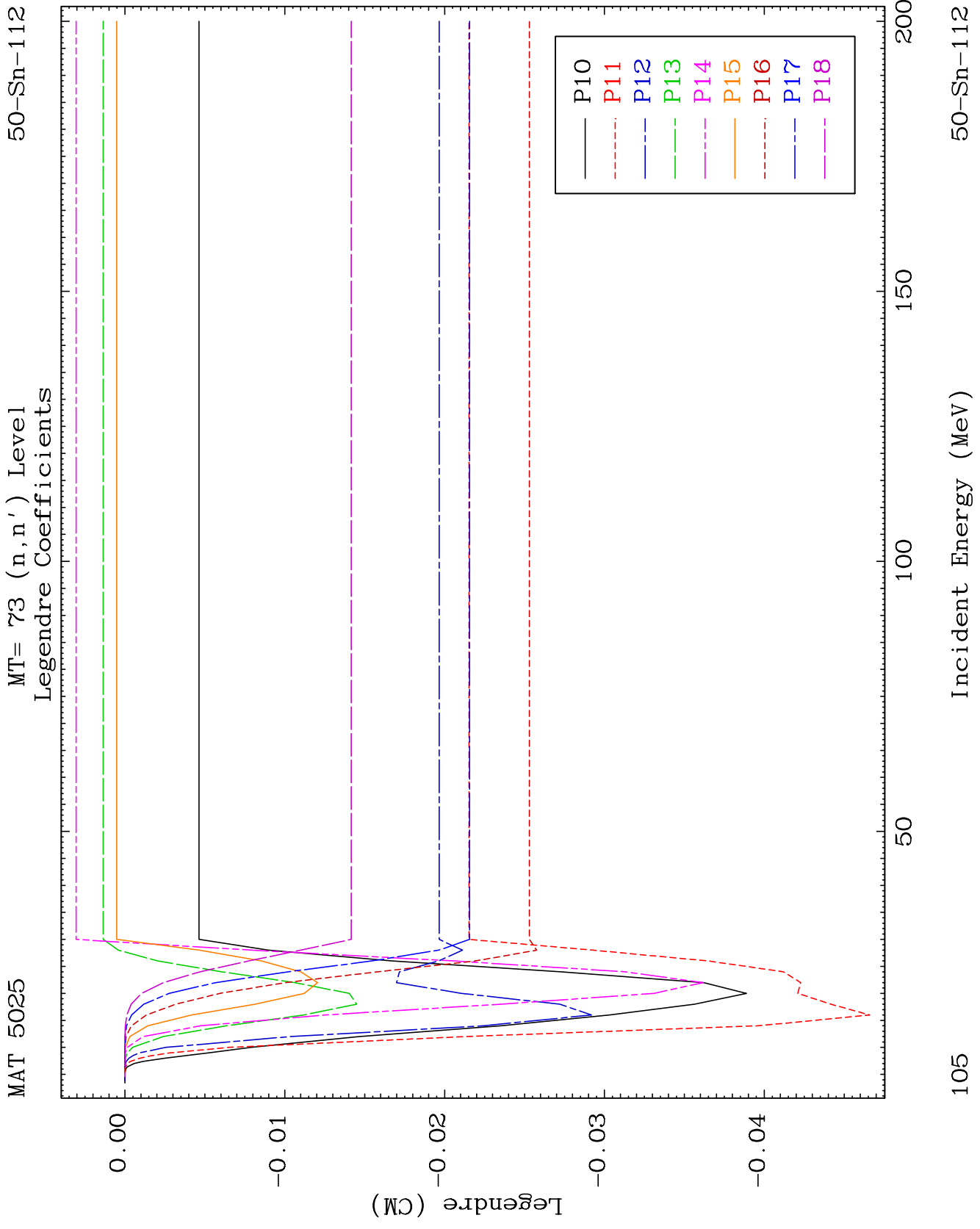
50-Sn-112

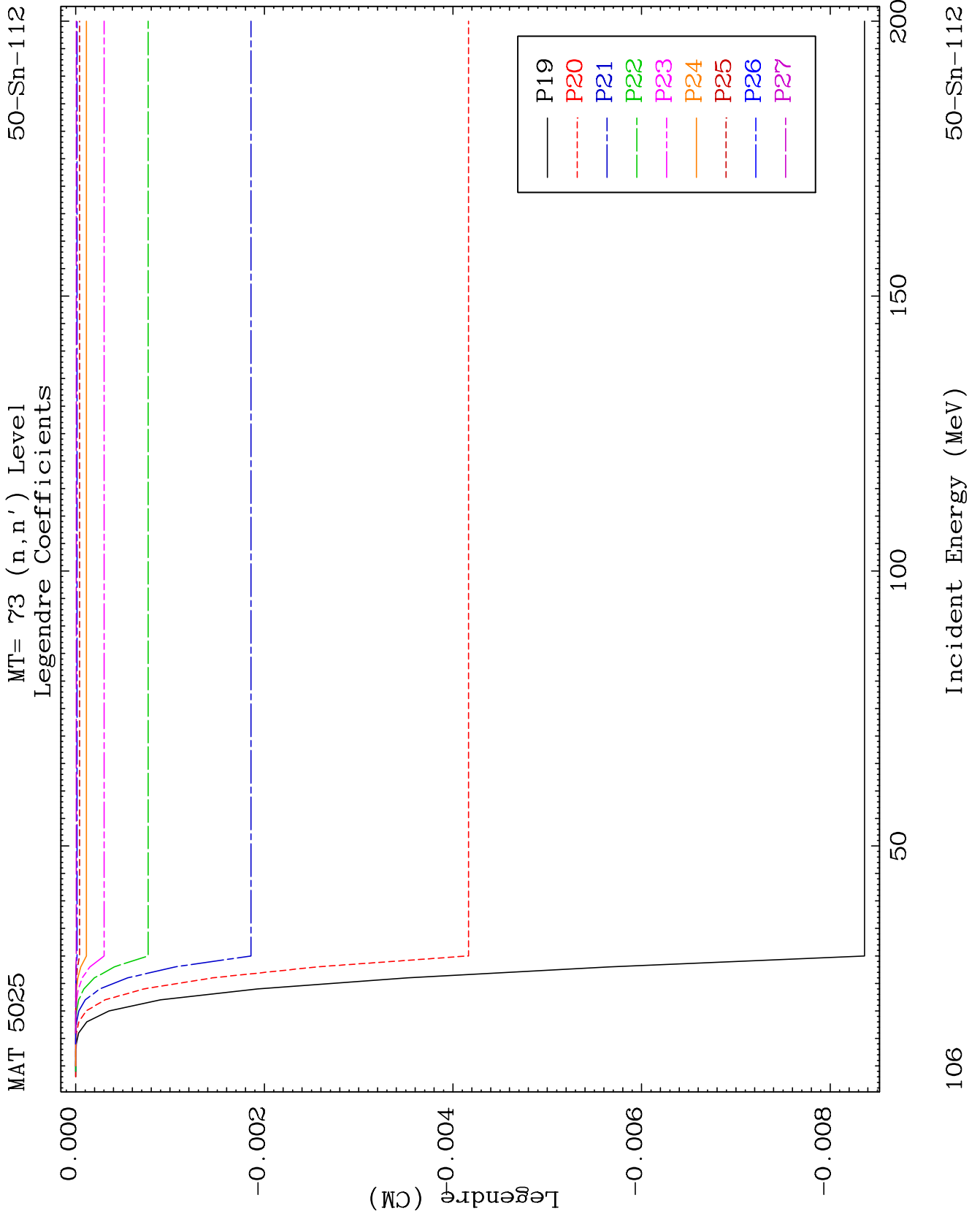


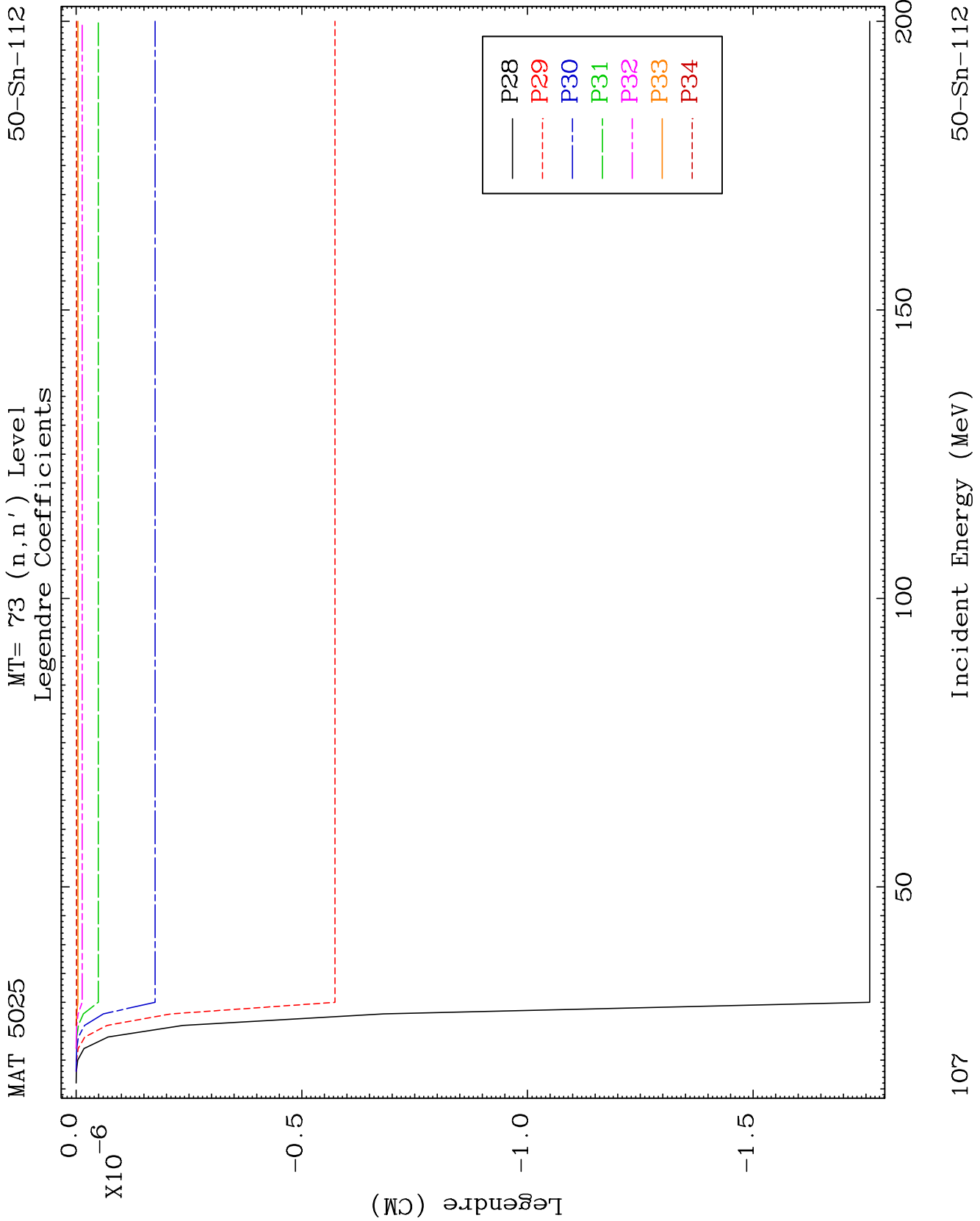
104

Incident Energy (MeV)

50-Sn-112



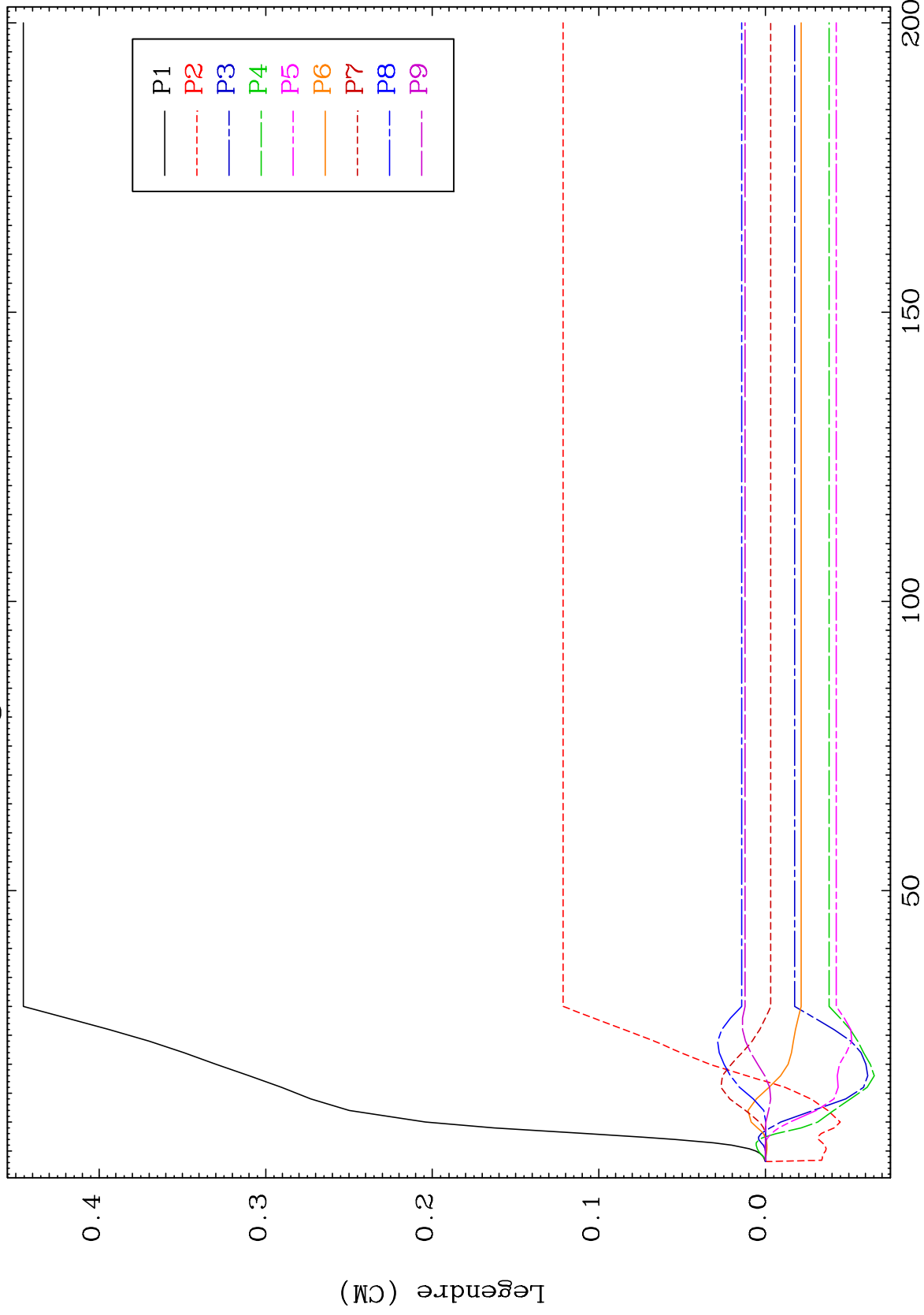




MAT 5025

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

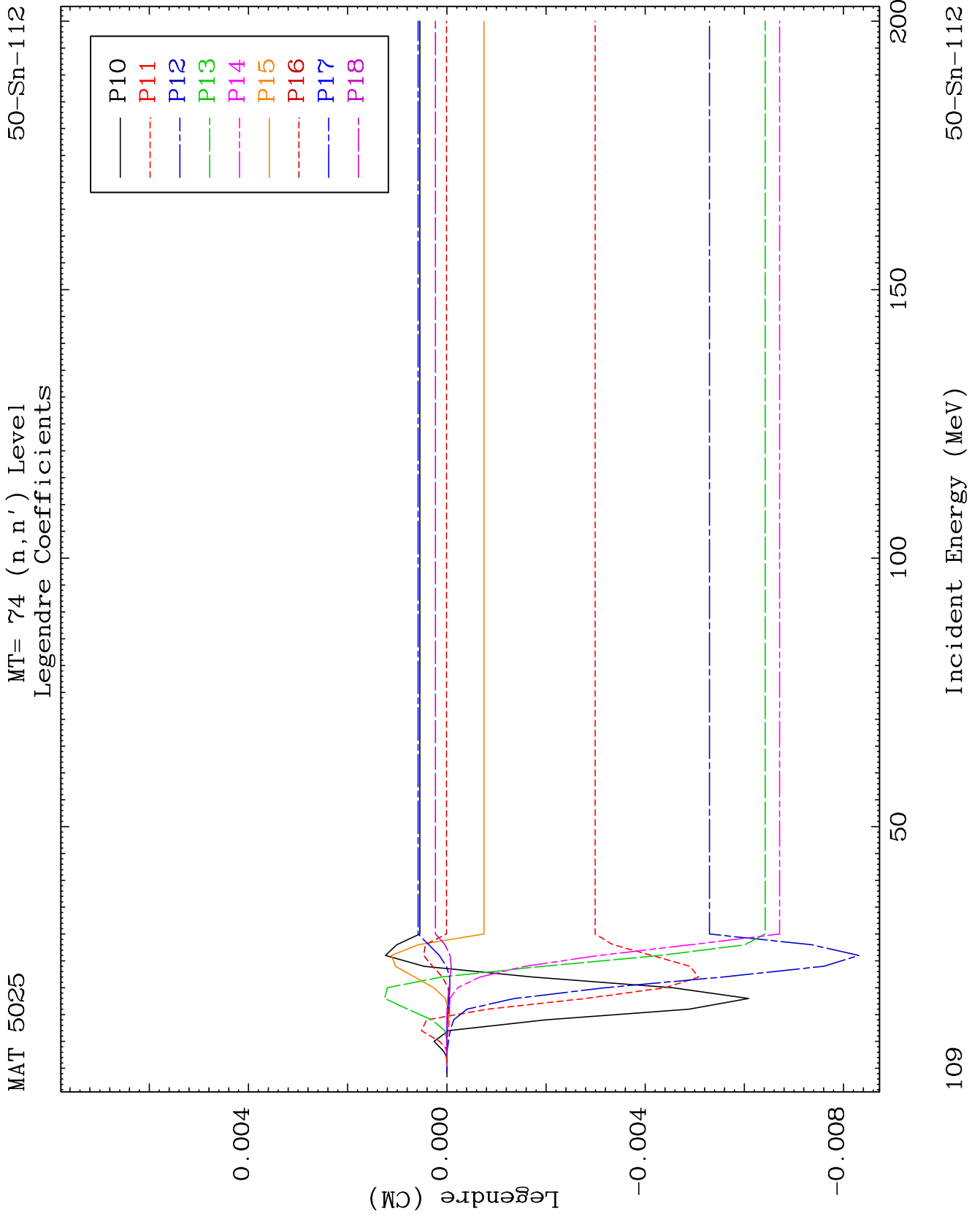
50-Sn-112

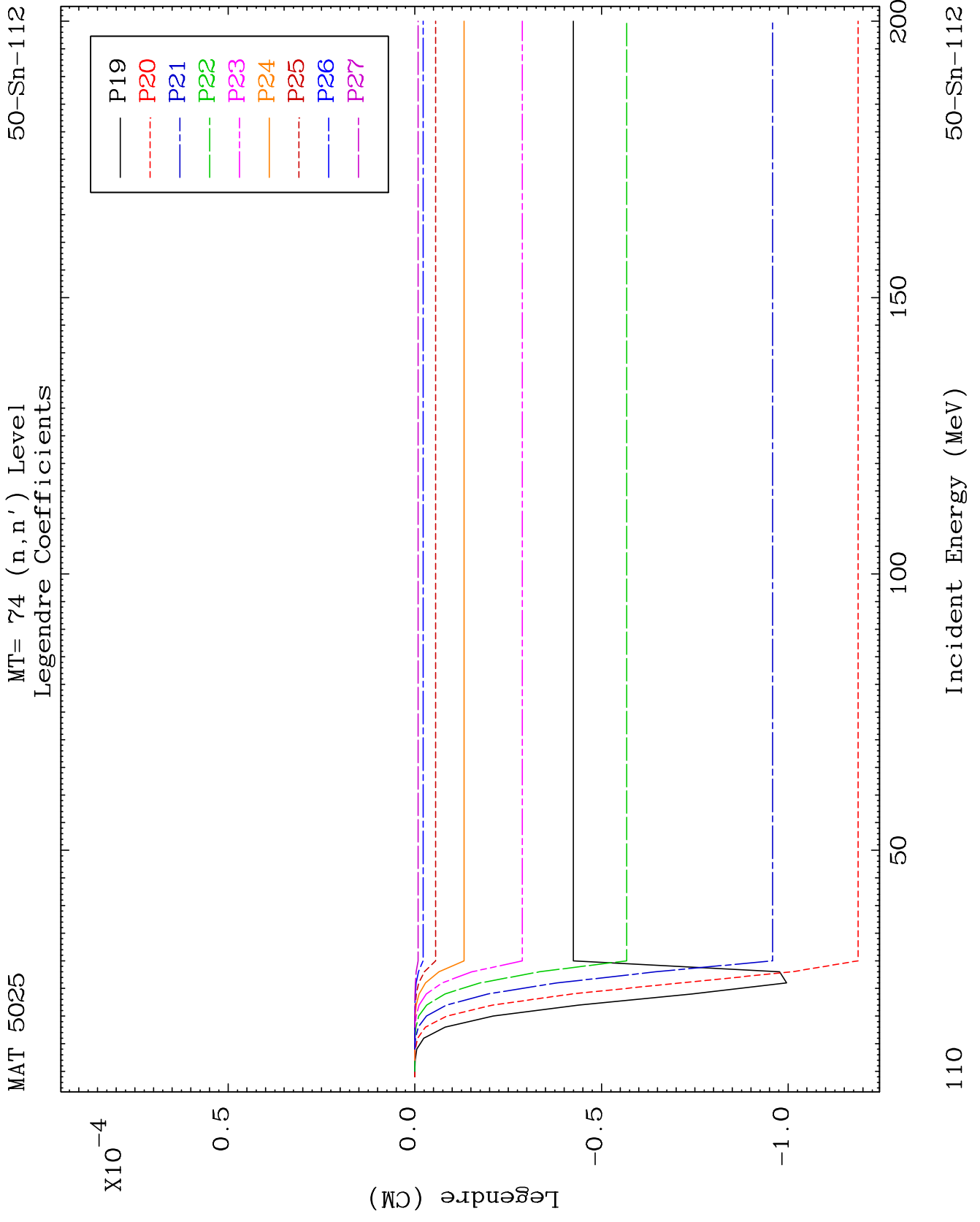


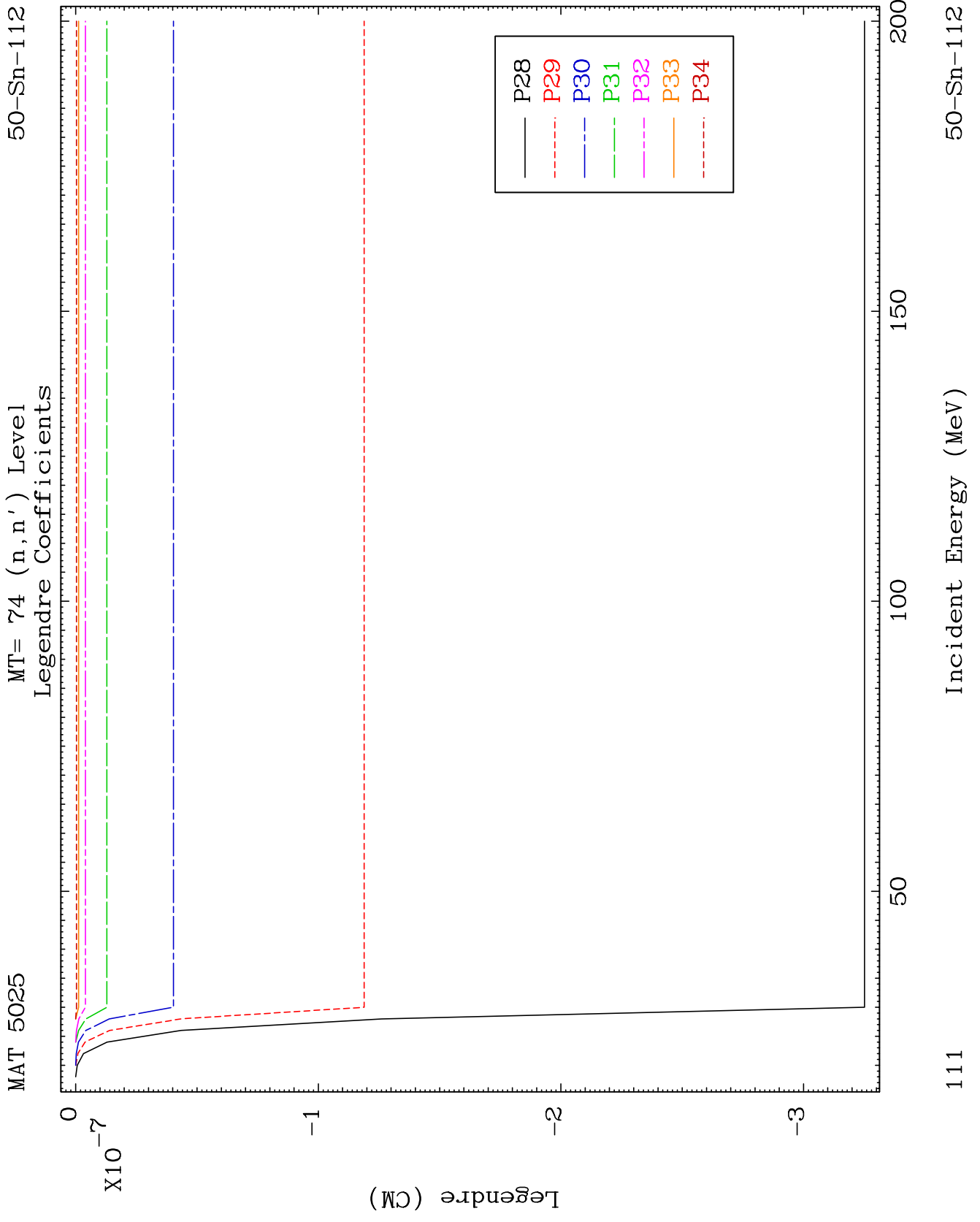
108

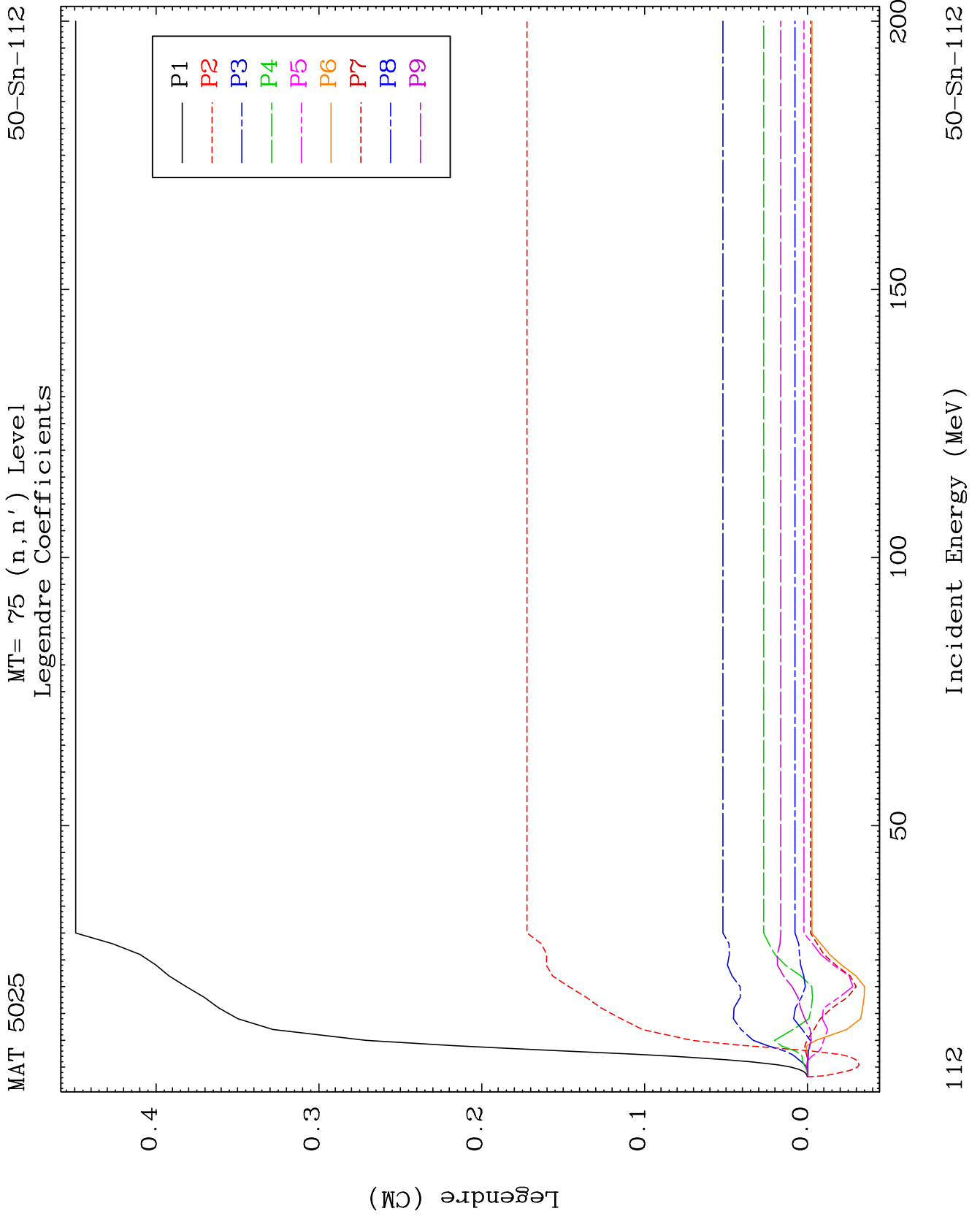
Incident Energy (MeV)

50-Sn-112





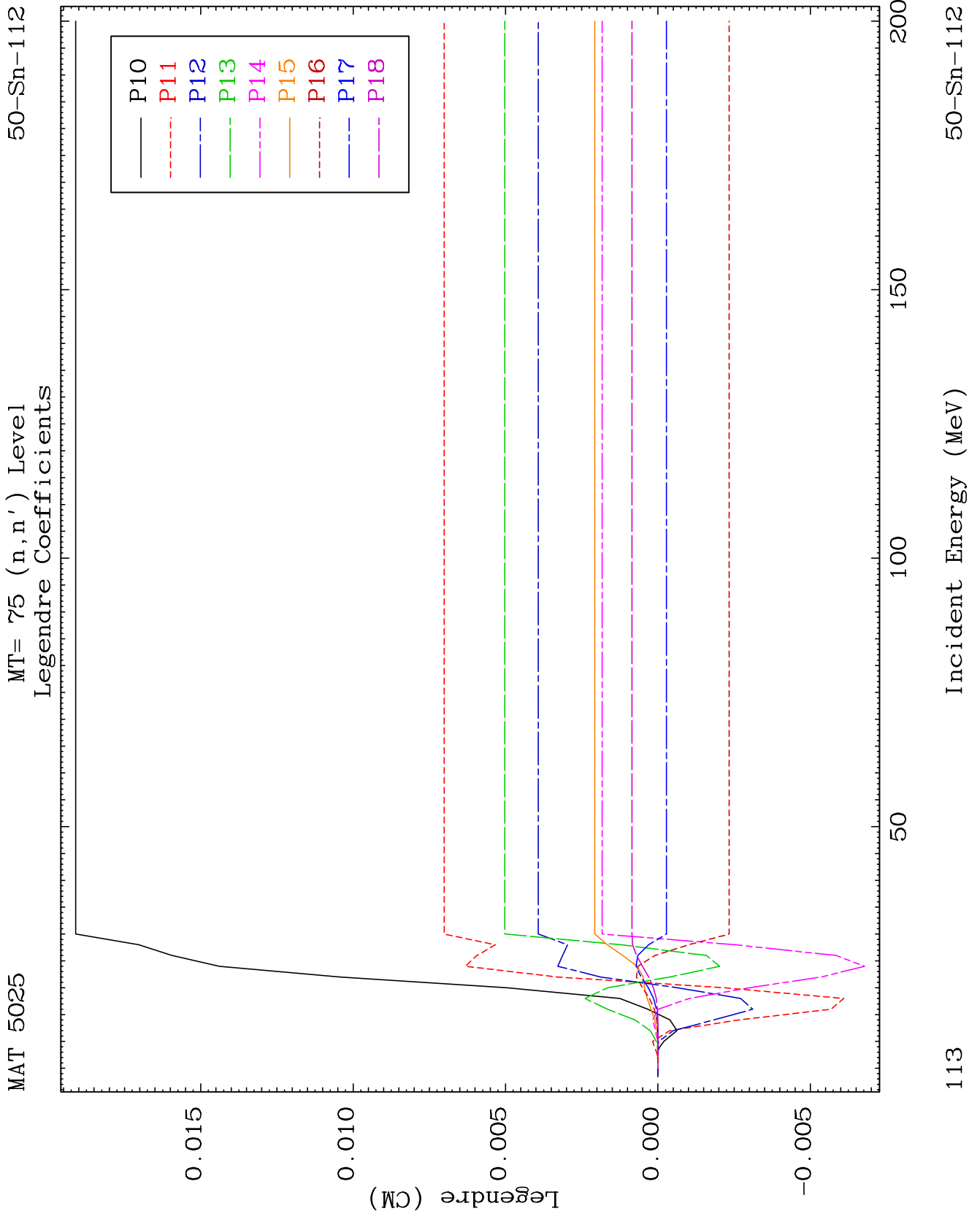




50-Sn-112

Incident Energy (MeV)

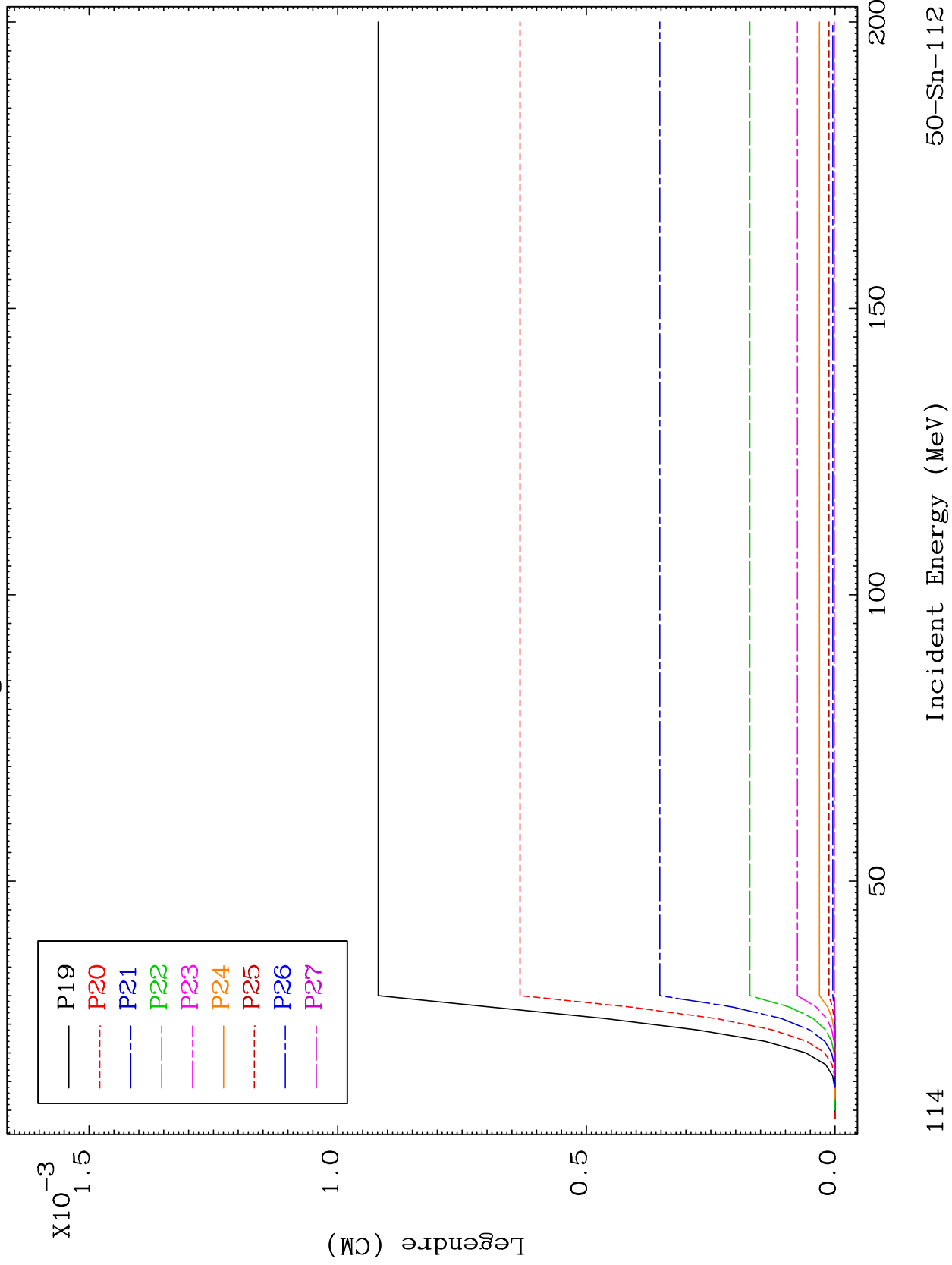
112

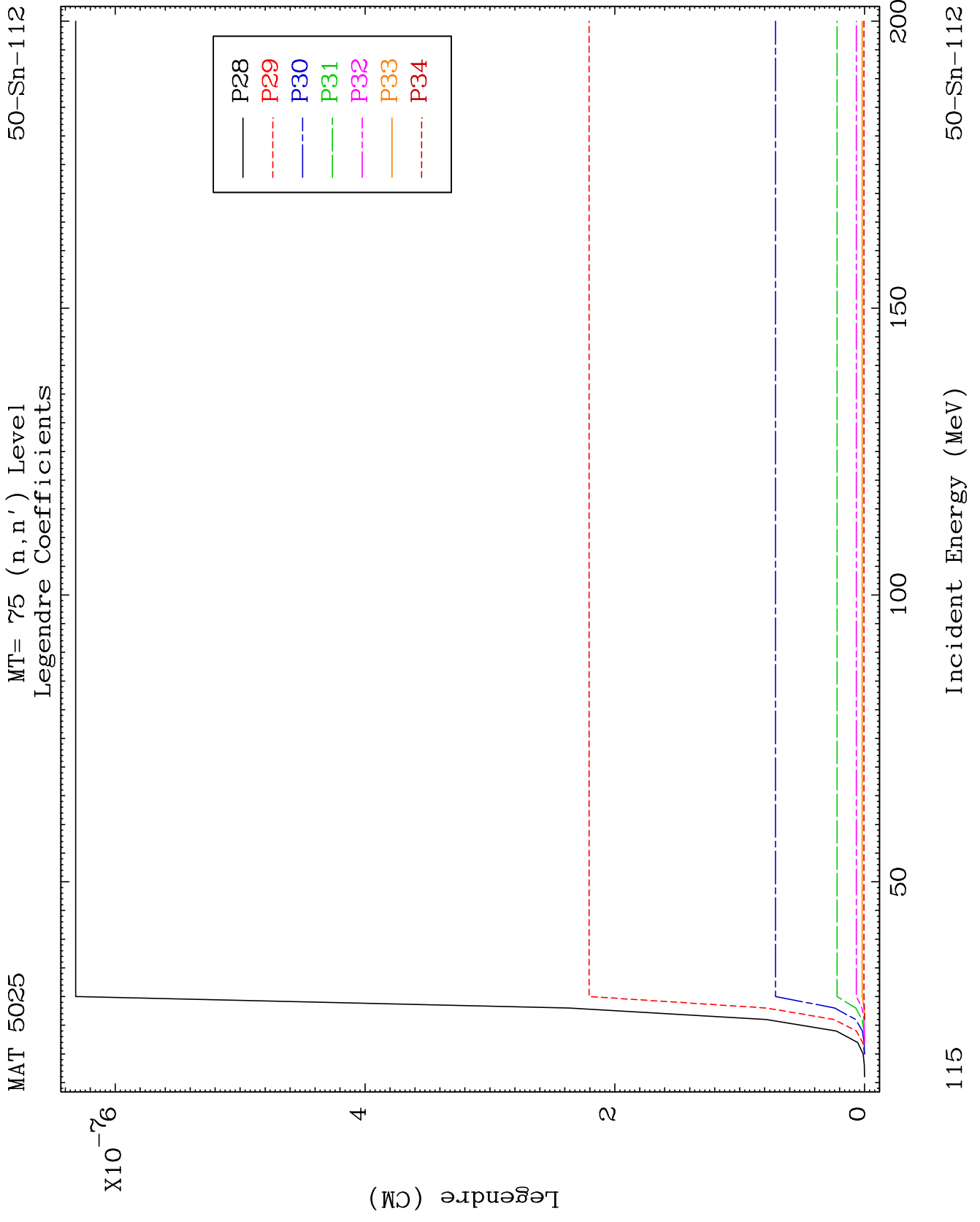


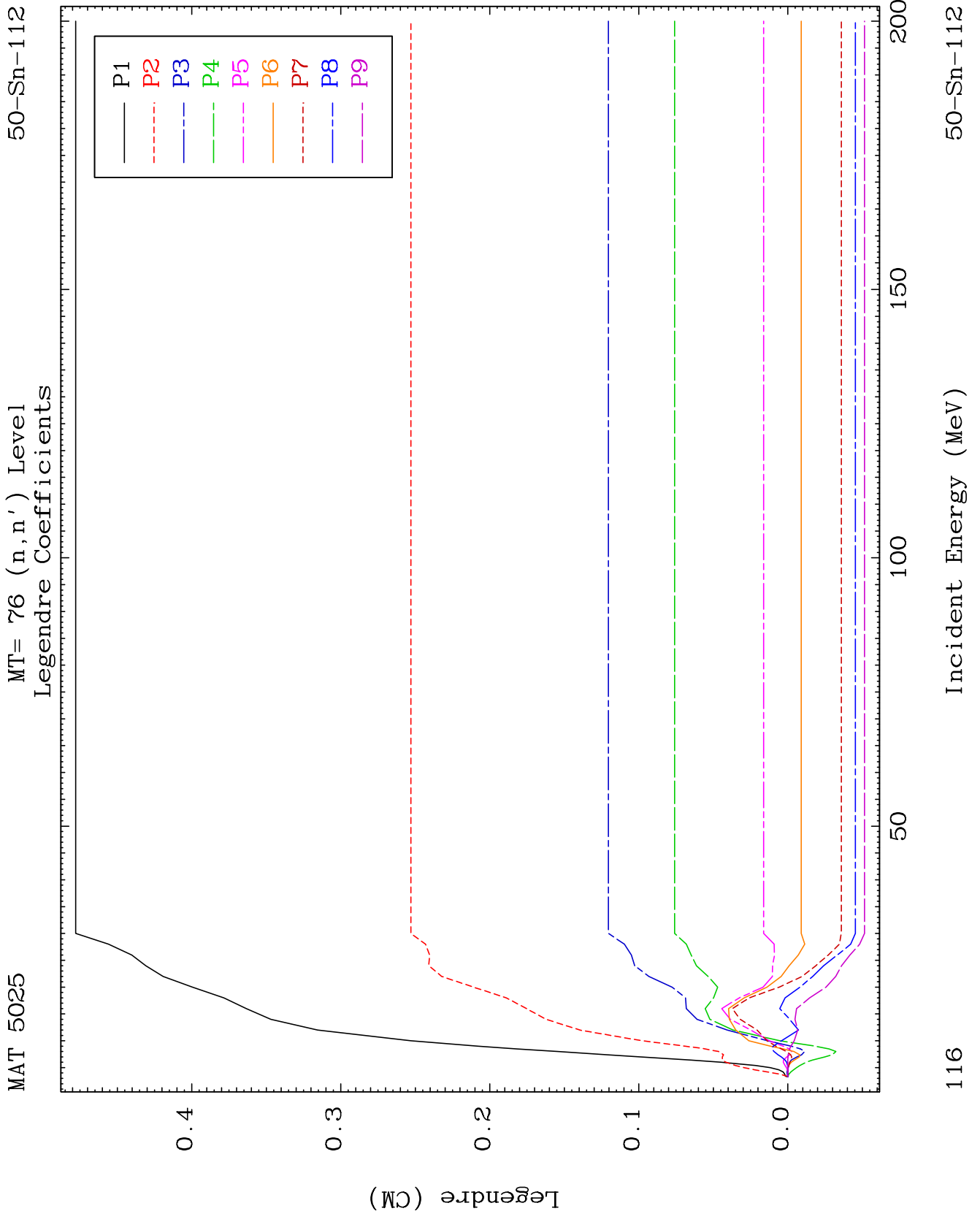
MAT 5025

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

50-Sn-112



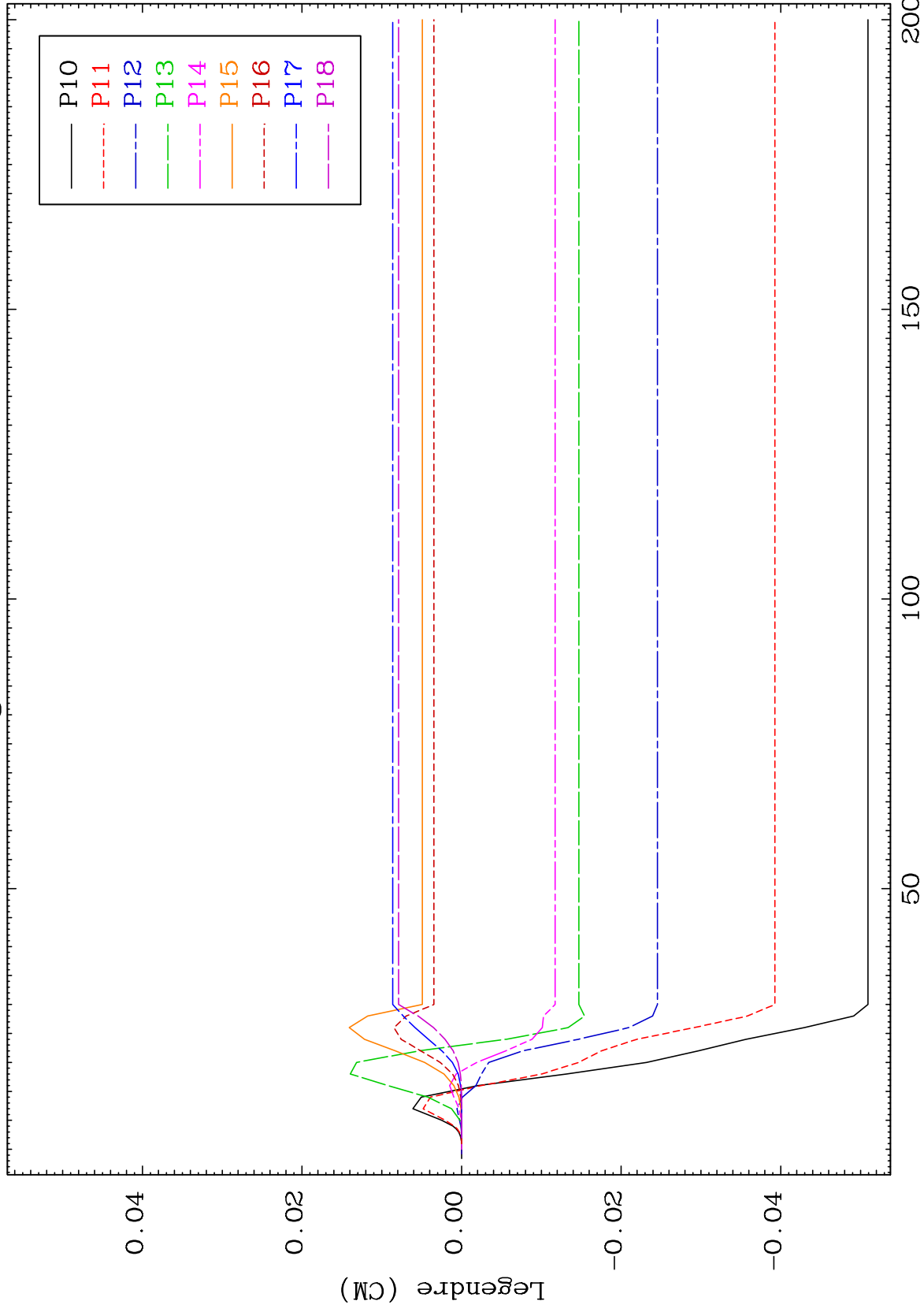




MAT 5025

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

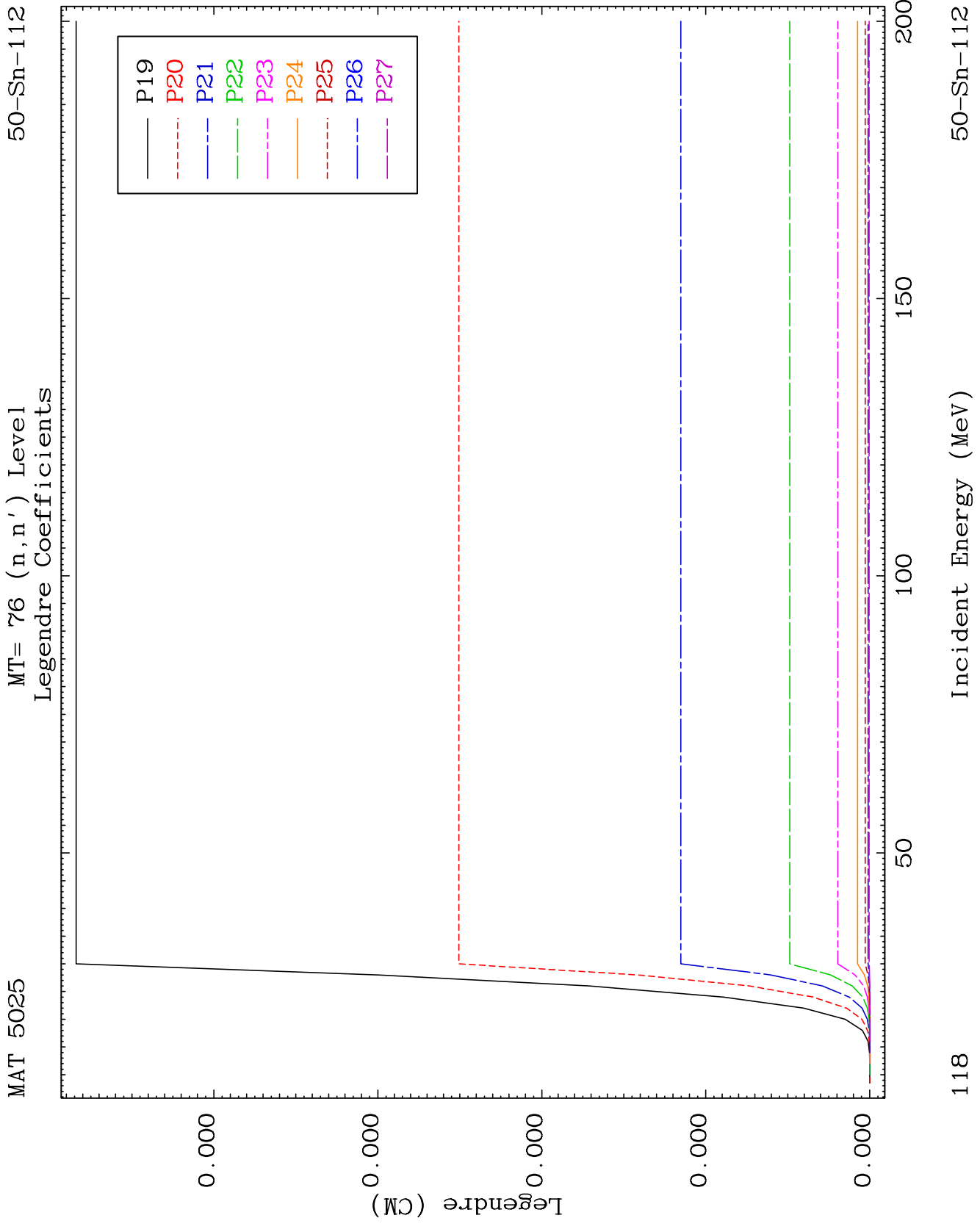
50-Sn-112

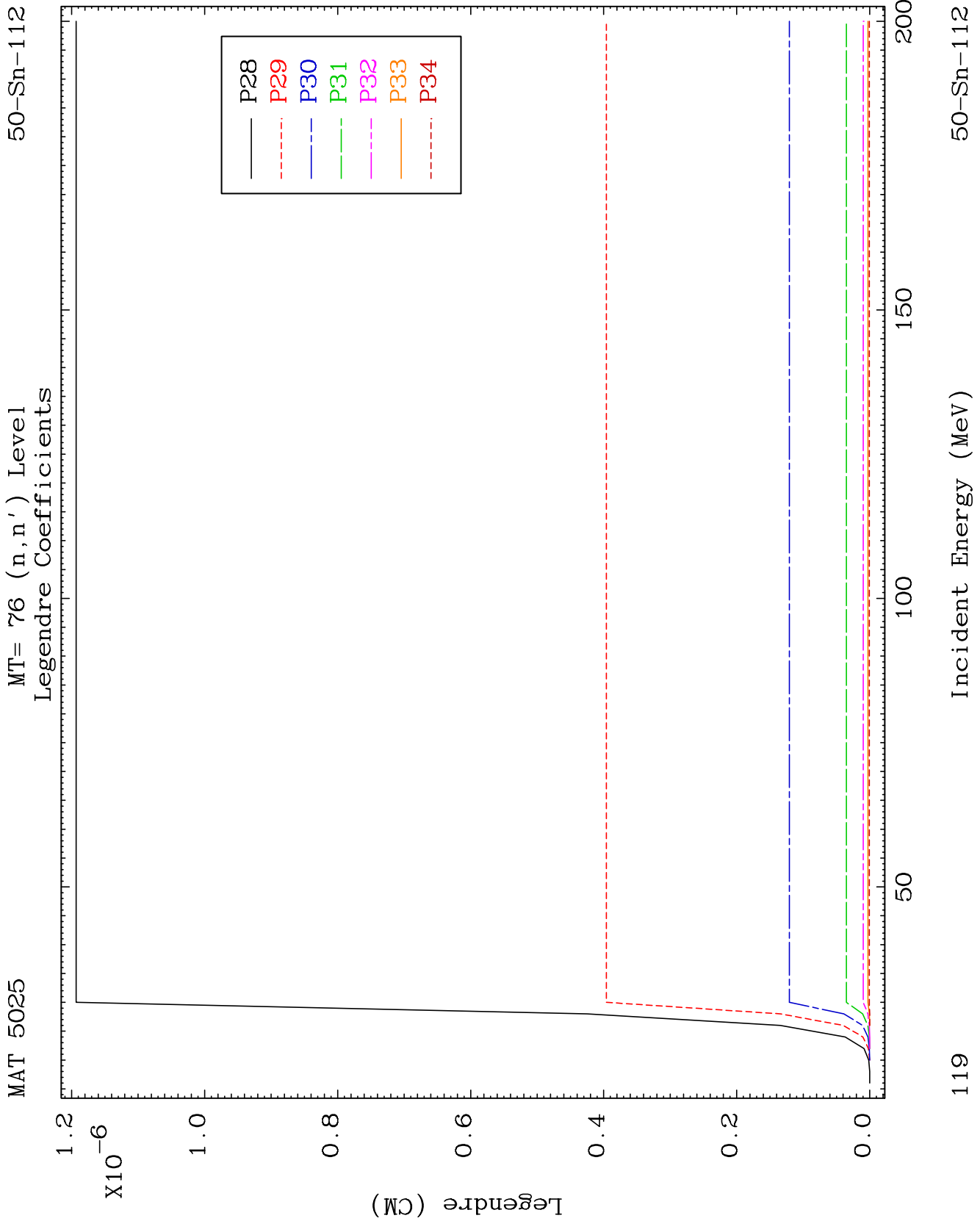


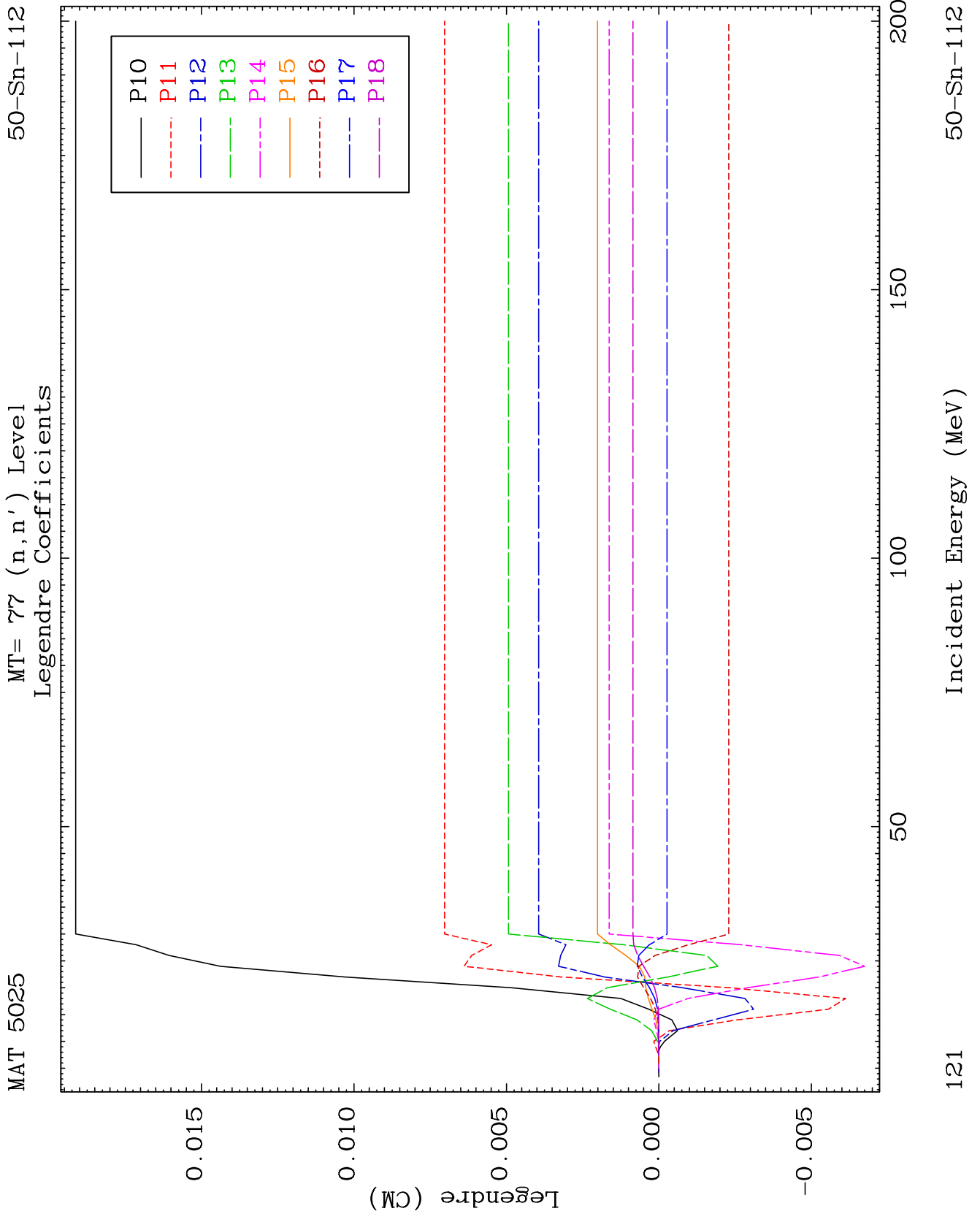
117

Incident Energy (MeV)

50-Sn-112



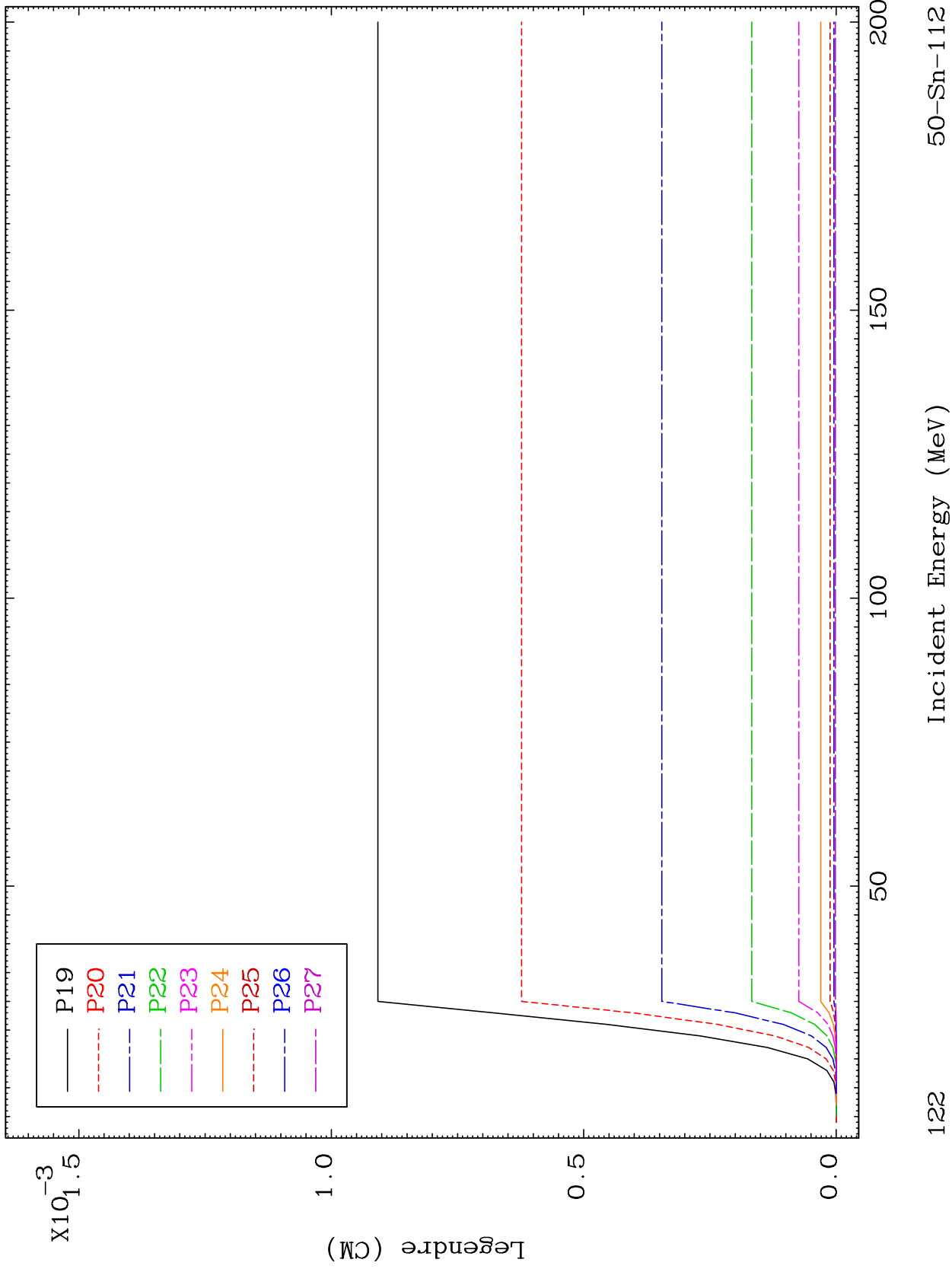




MAT 5025

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

50-Sn-112

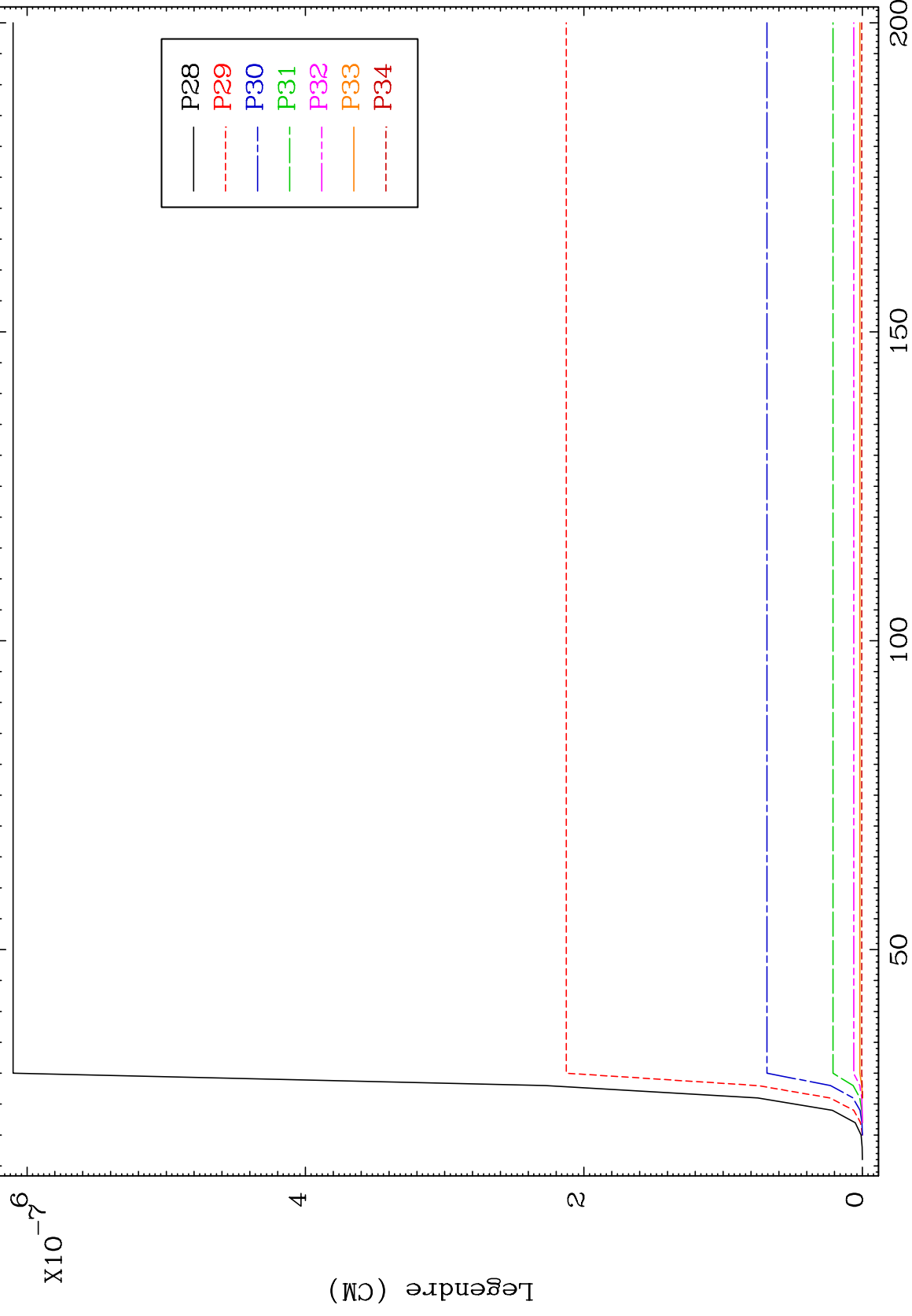


122

MAT 5025

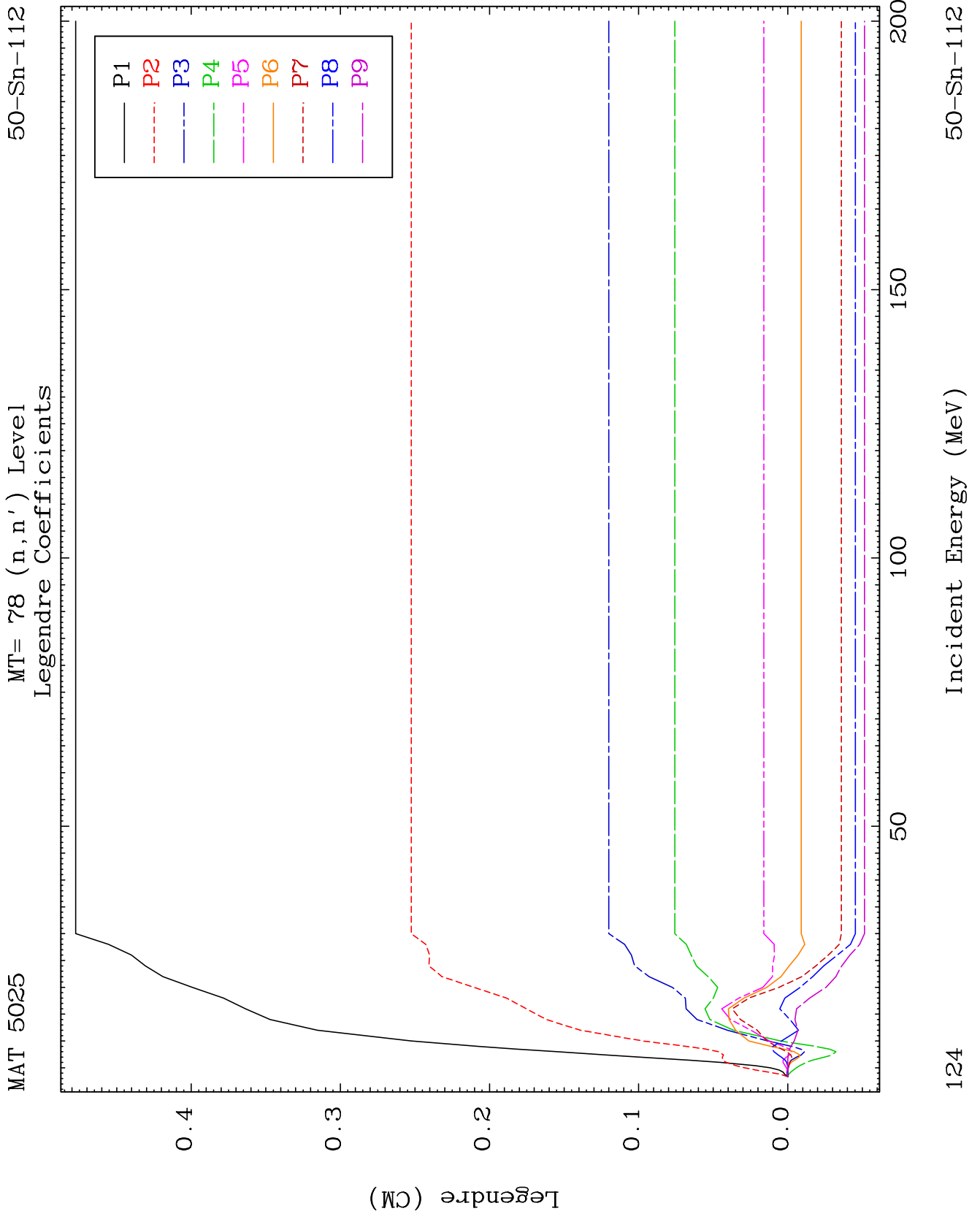
MT= 77 (n,n') Level
Legendre Coefficients

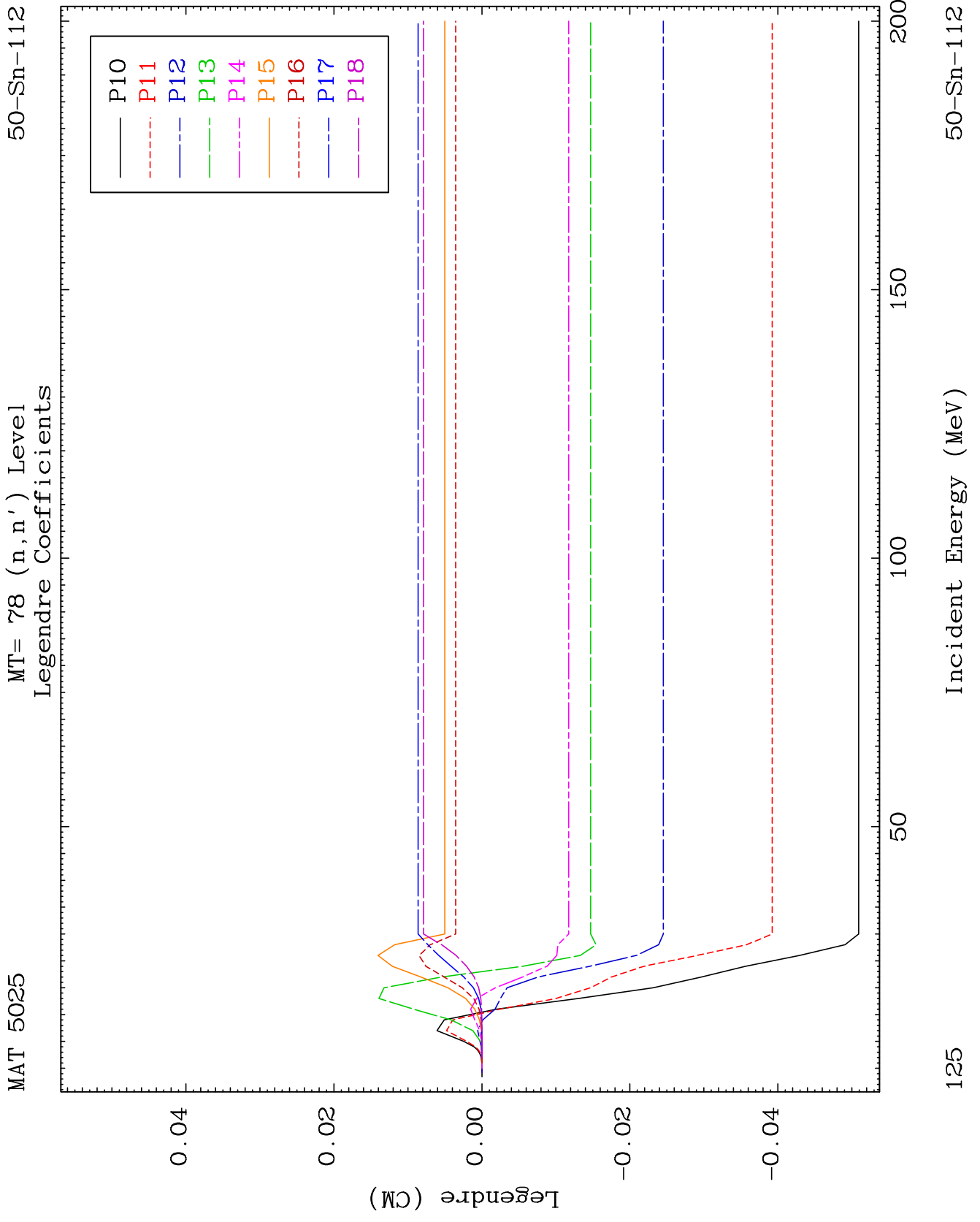
50-Sn-112

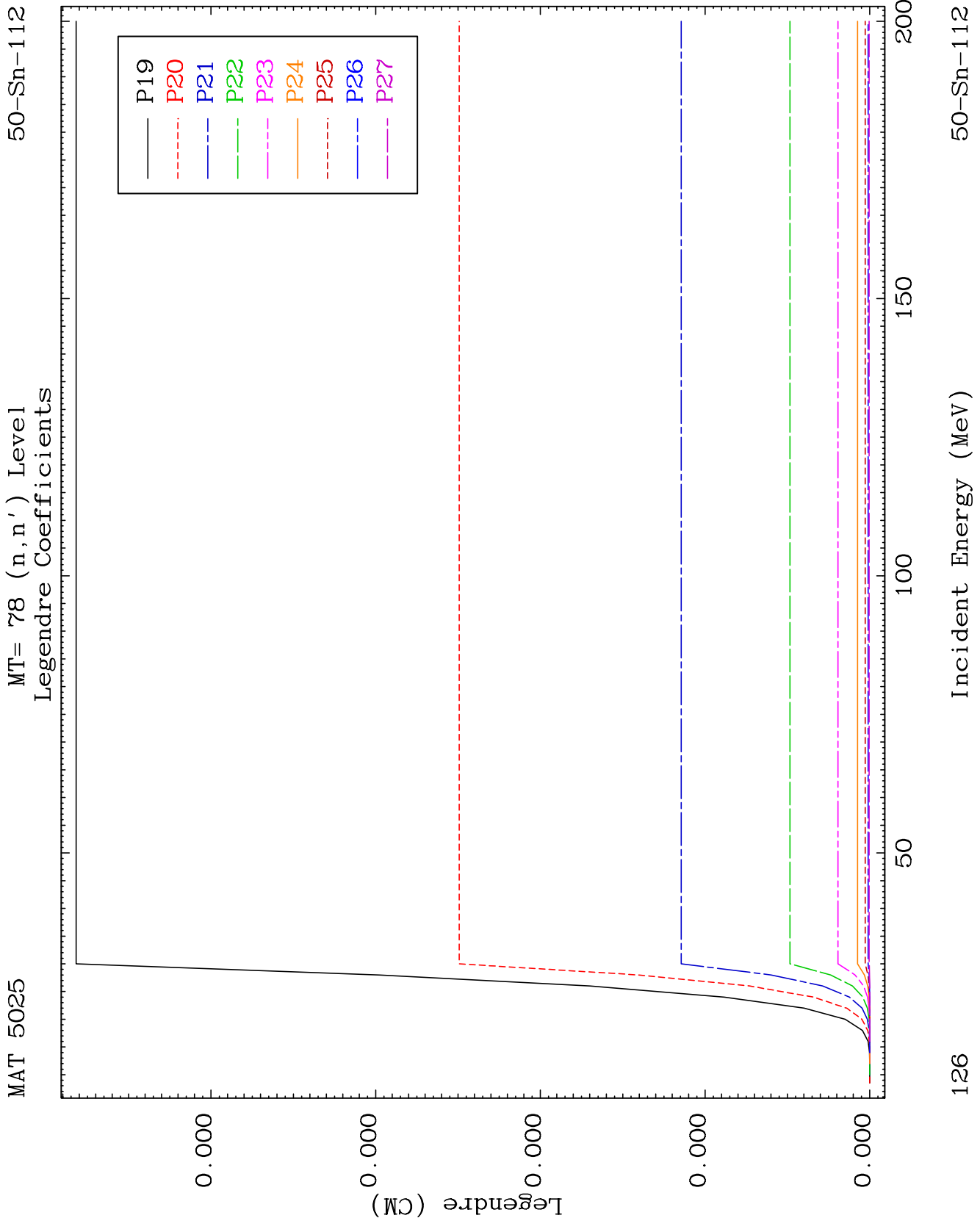


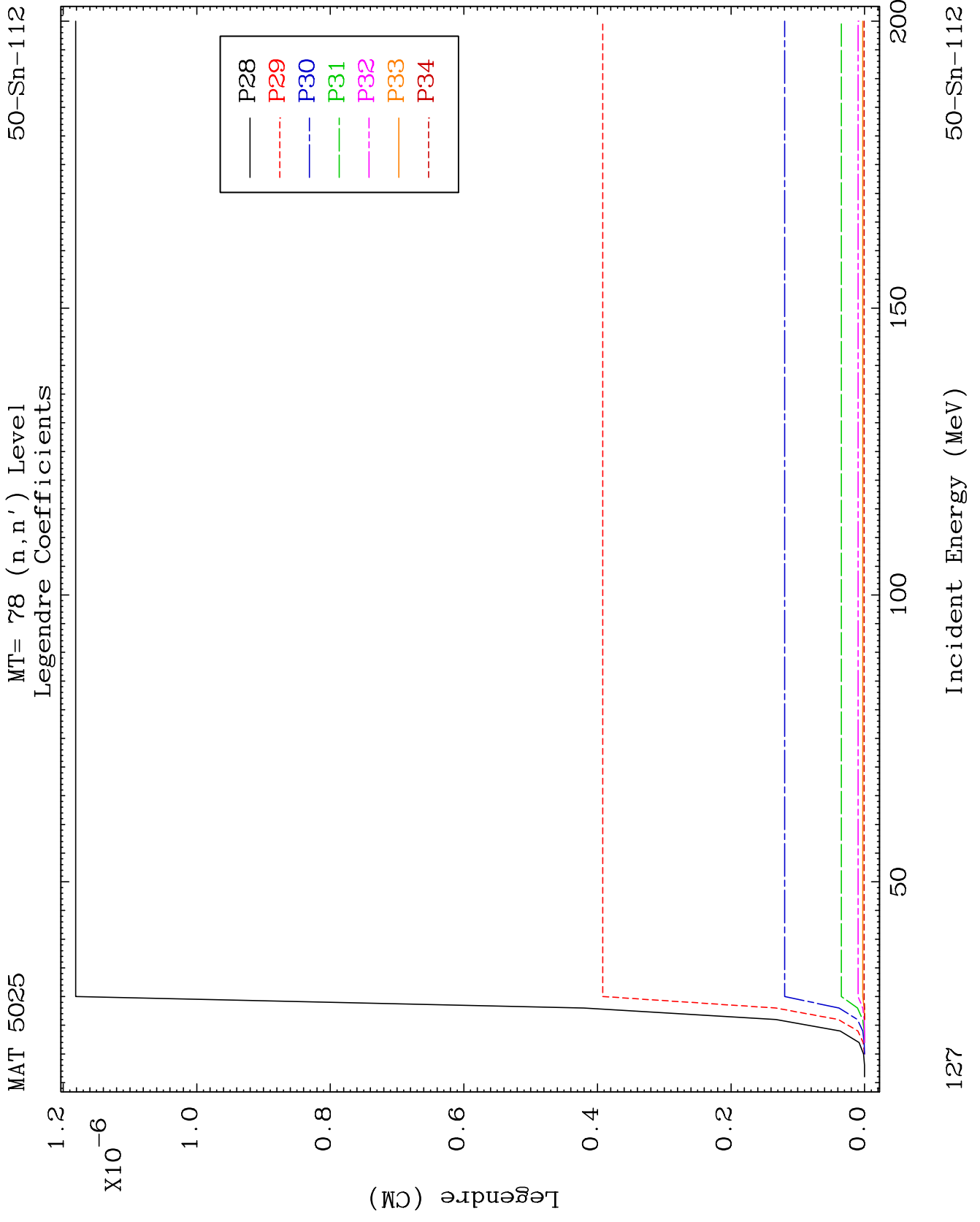
123

50-Sn-112





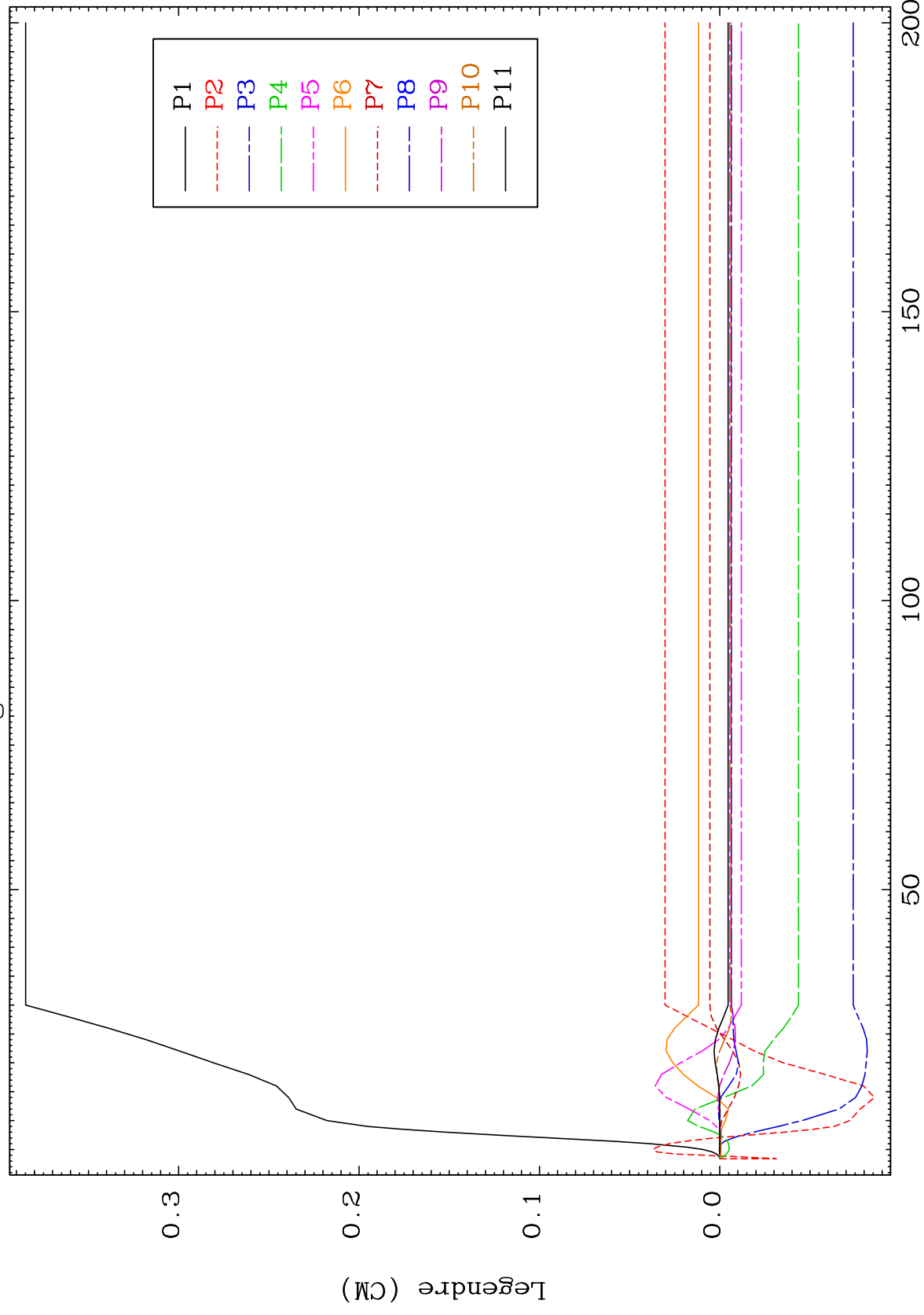




MAT 5025

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

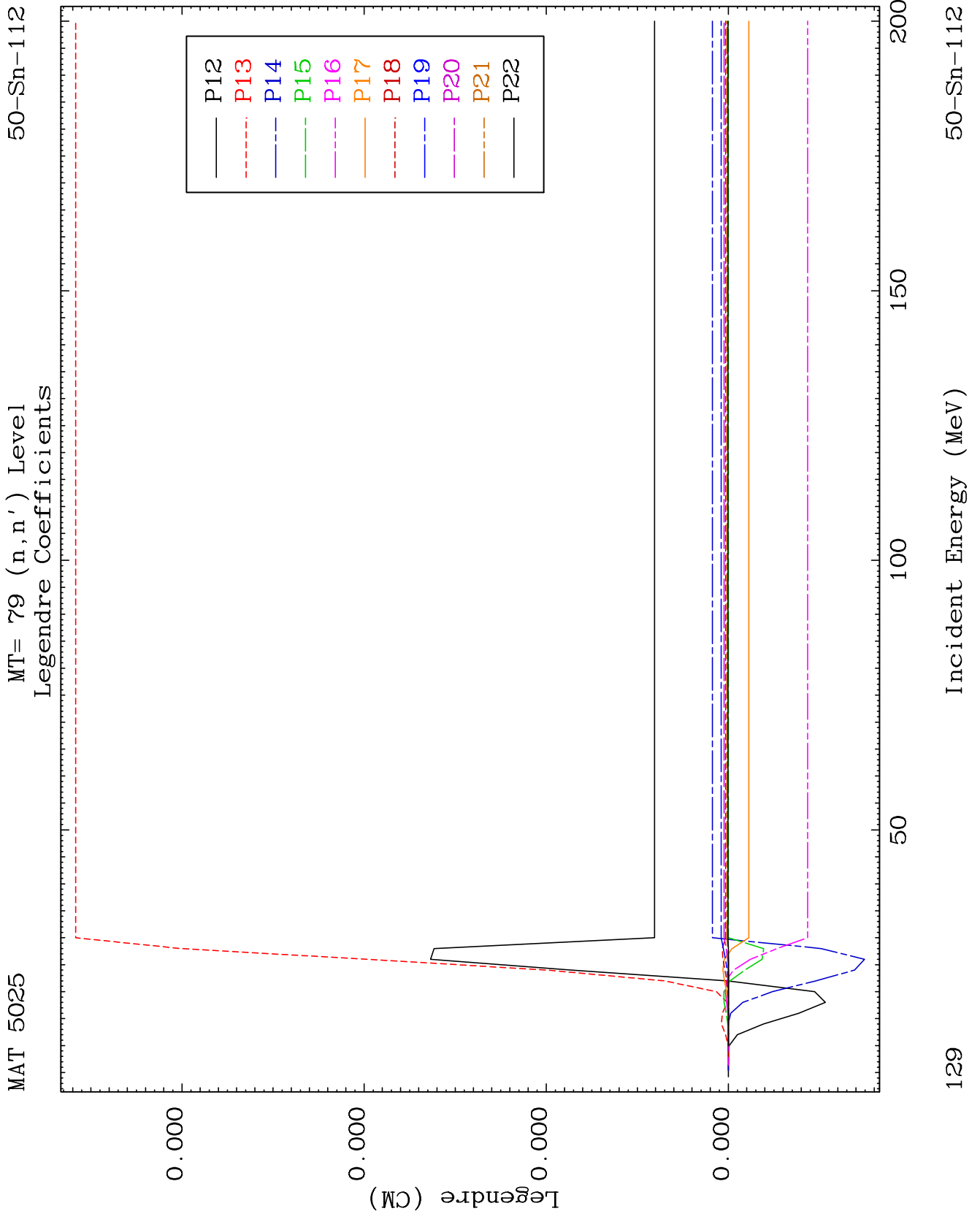
50-Sn-112

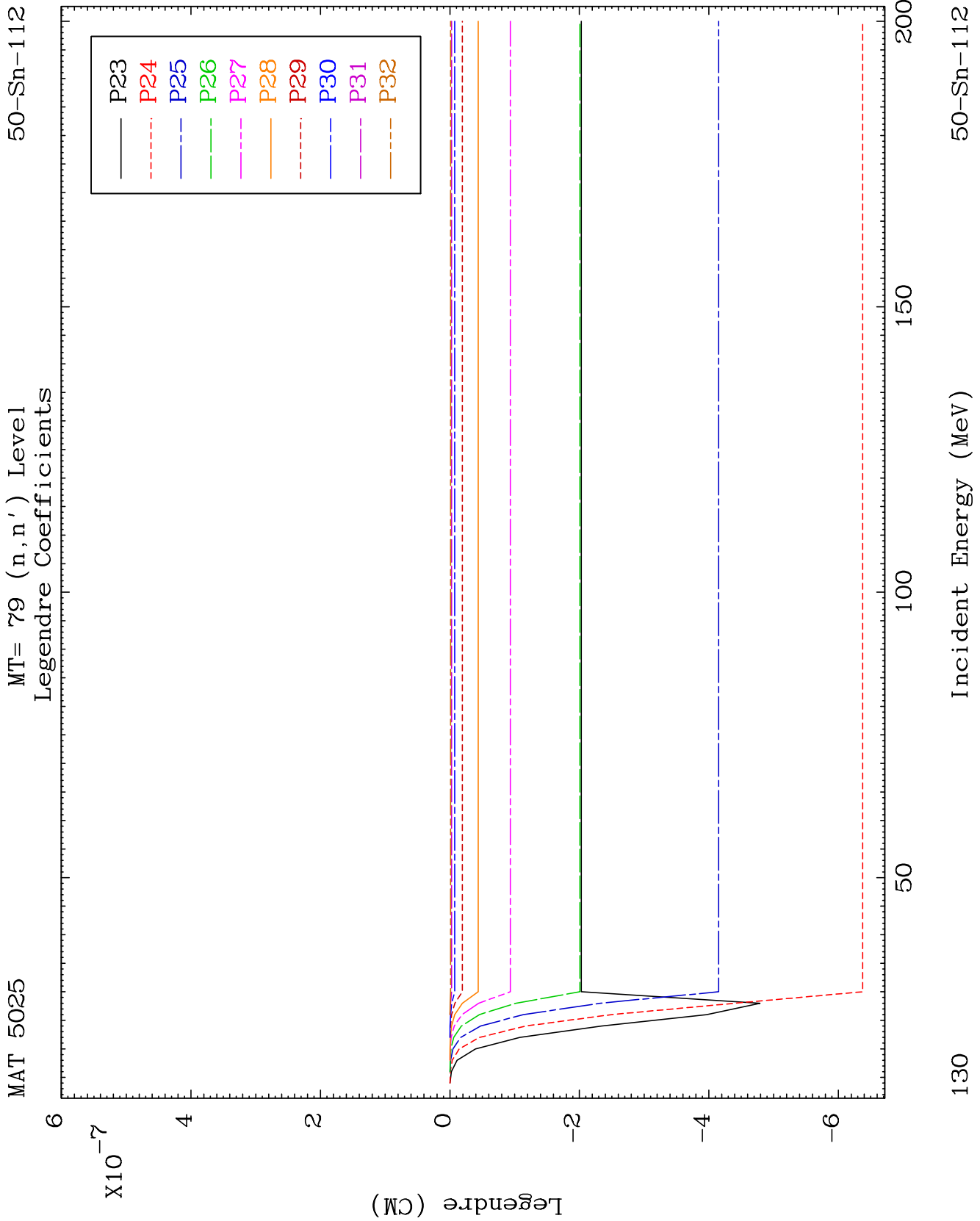


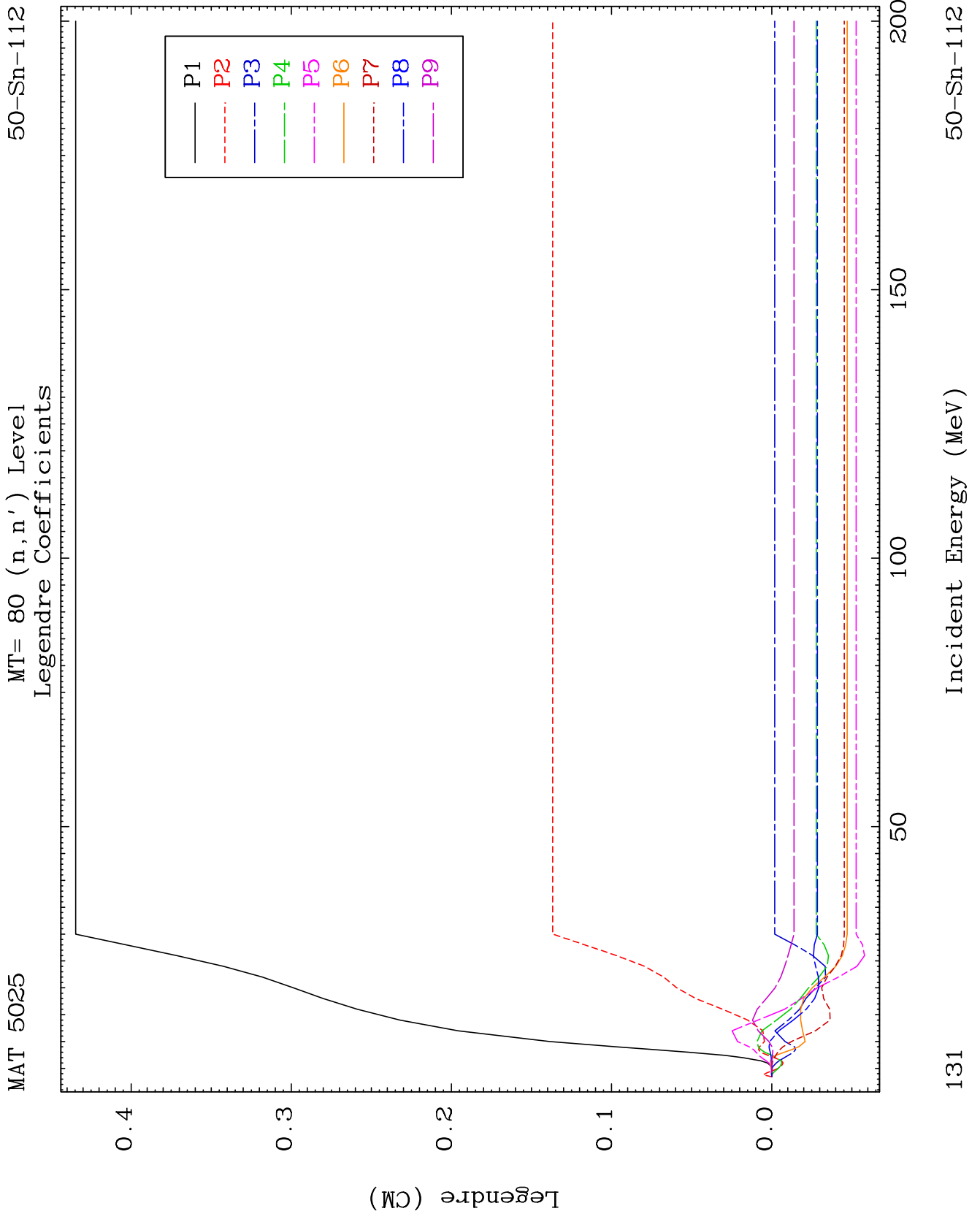
128

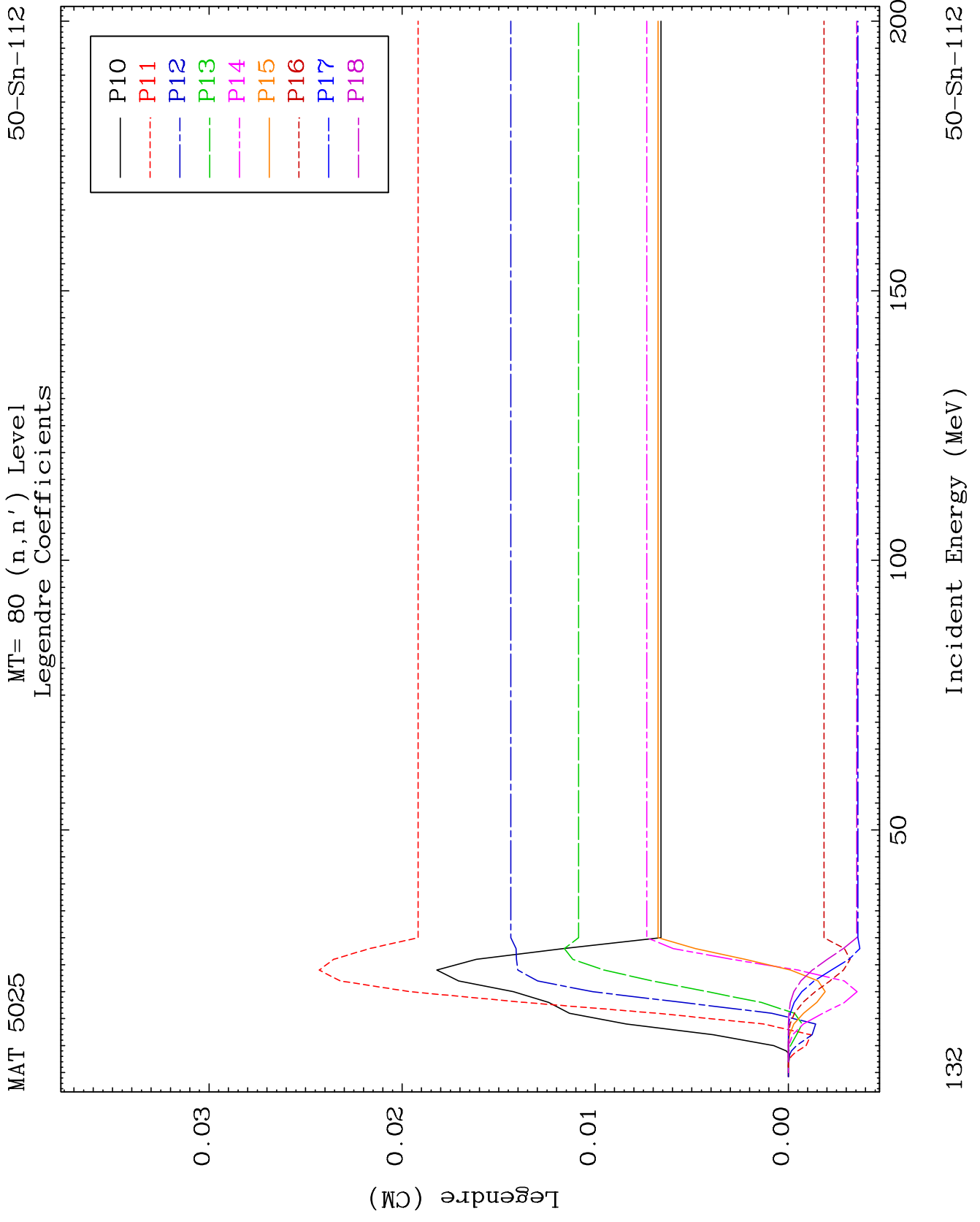
Incident Energy (MeV)

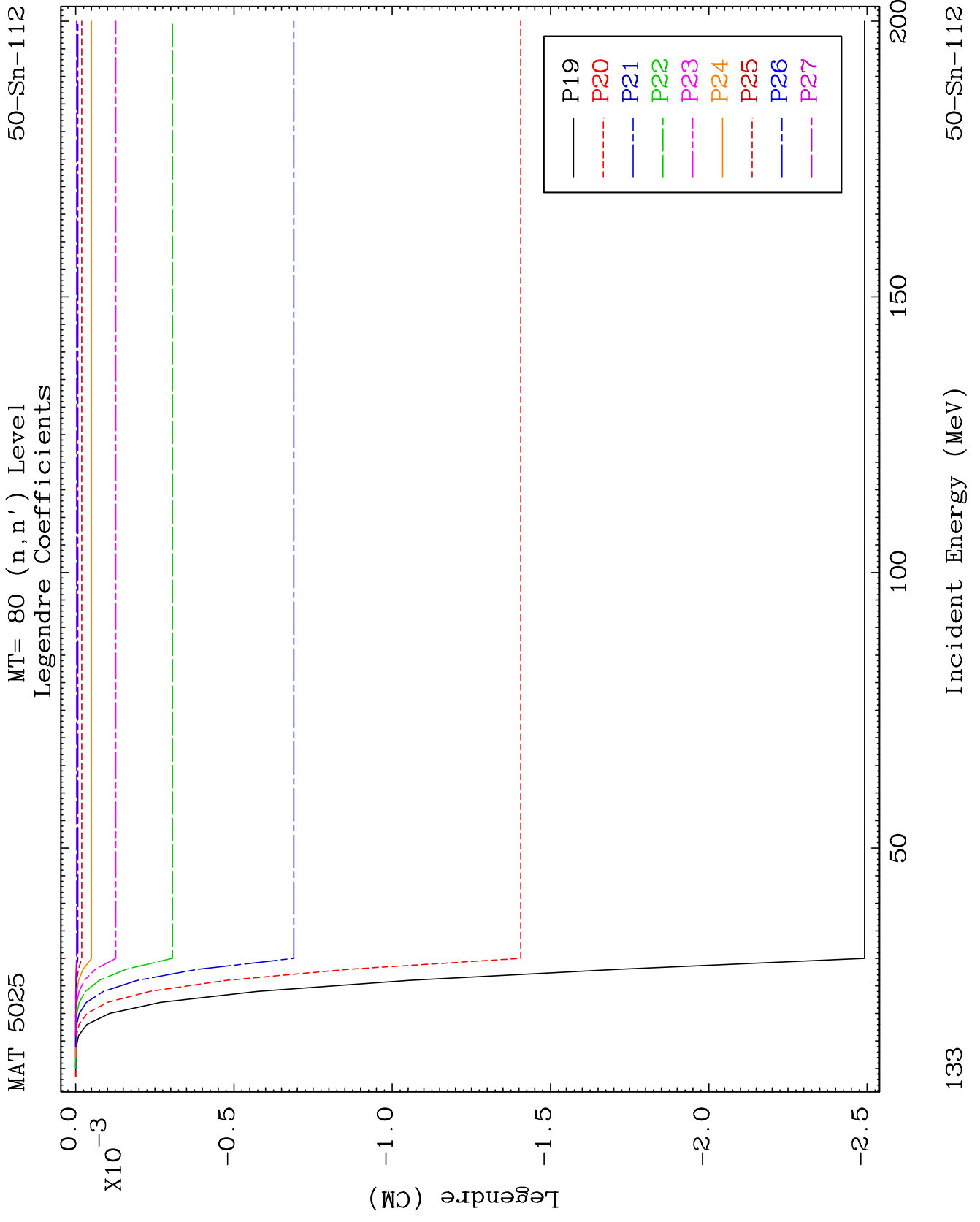
50-Sn-112

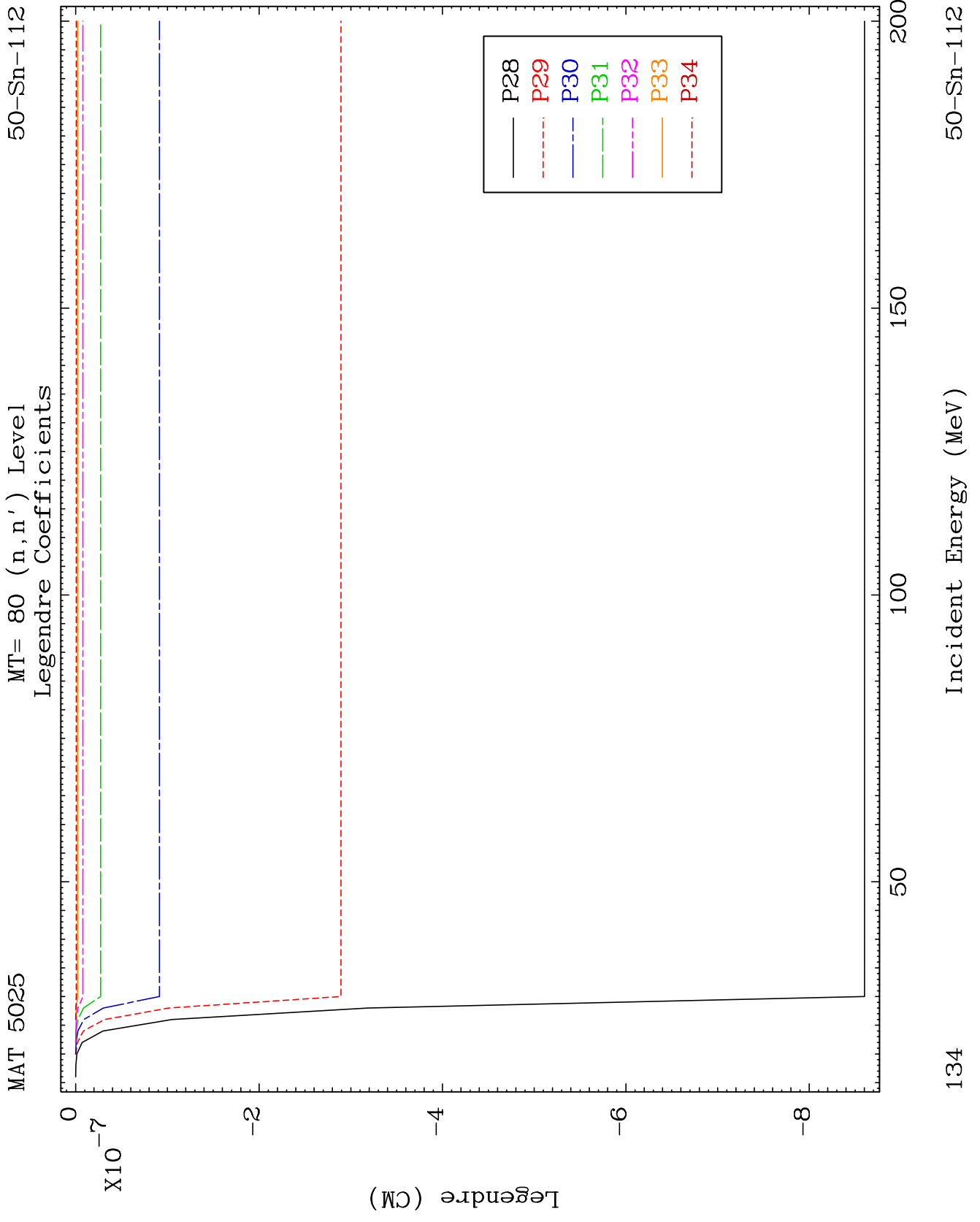










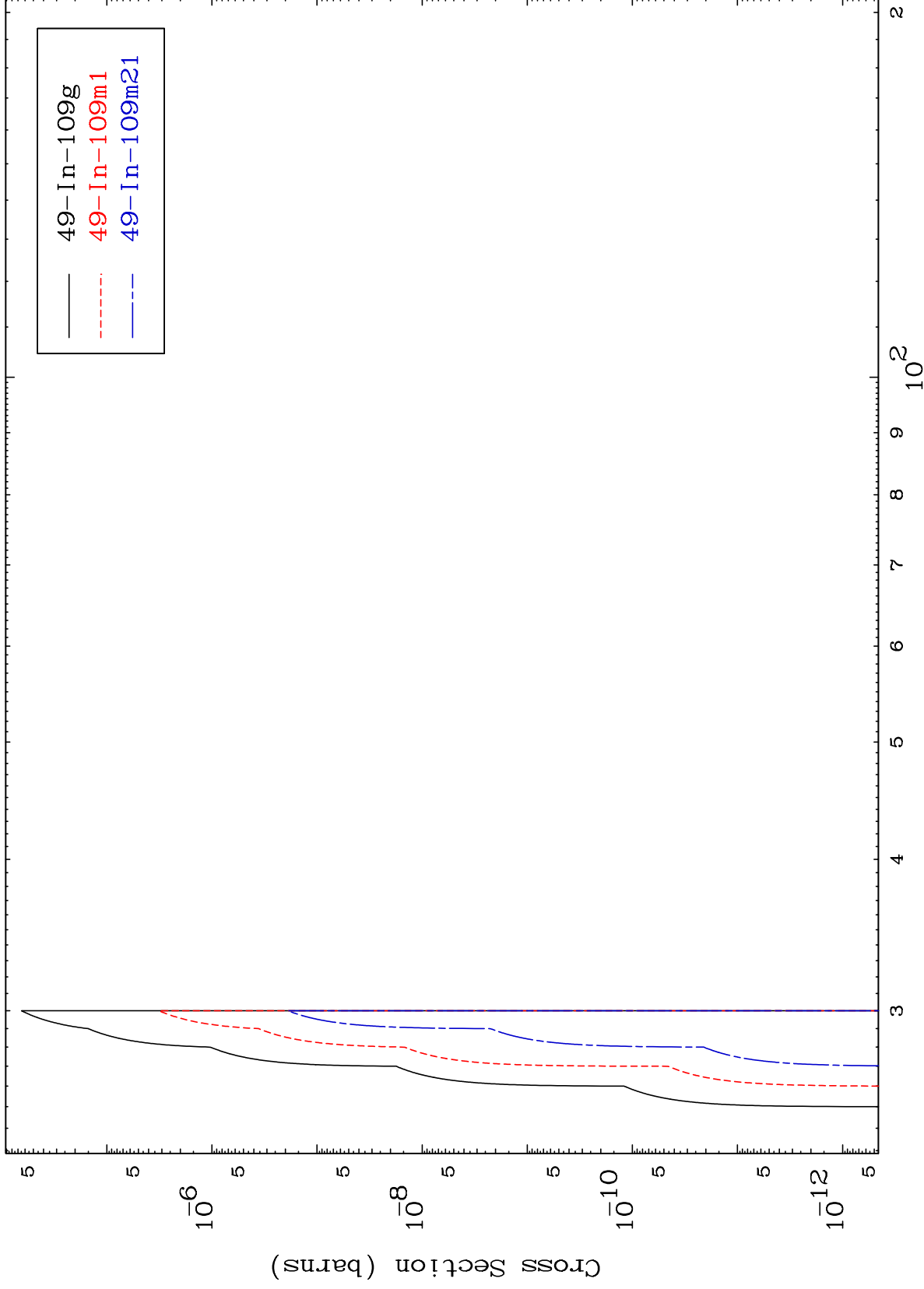


MAT 5025

(n,2n) d

50-Sn-112

Radionuclide Production Cross Section



135

Incident Energy (MeV)

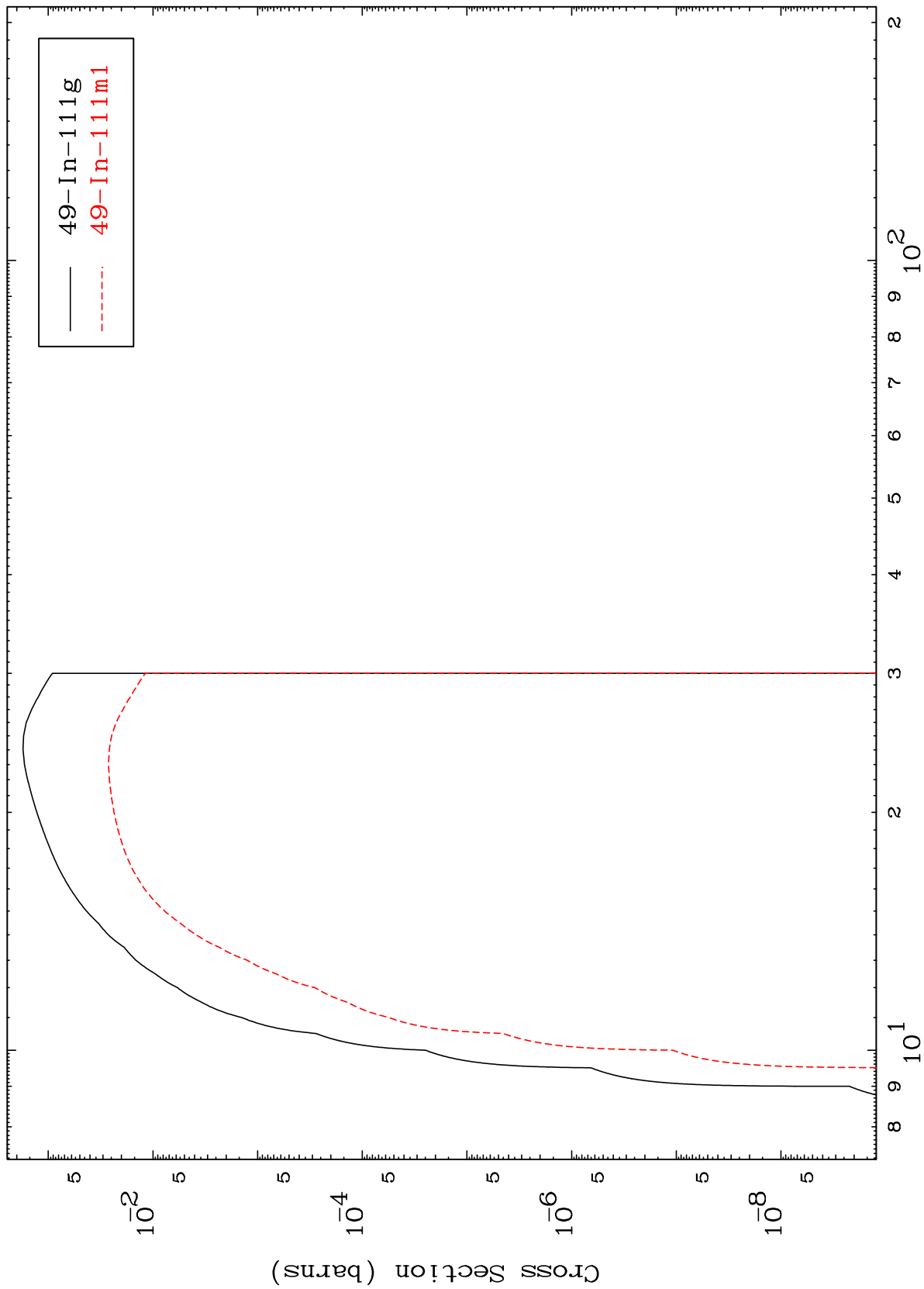
50-Sn-112

MAT 5025

(n,n') p

50-Sn-112

Radionuclide Production Cross Section



136

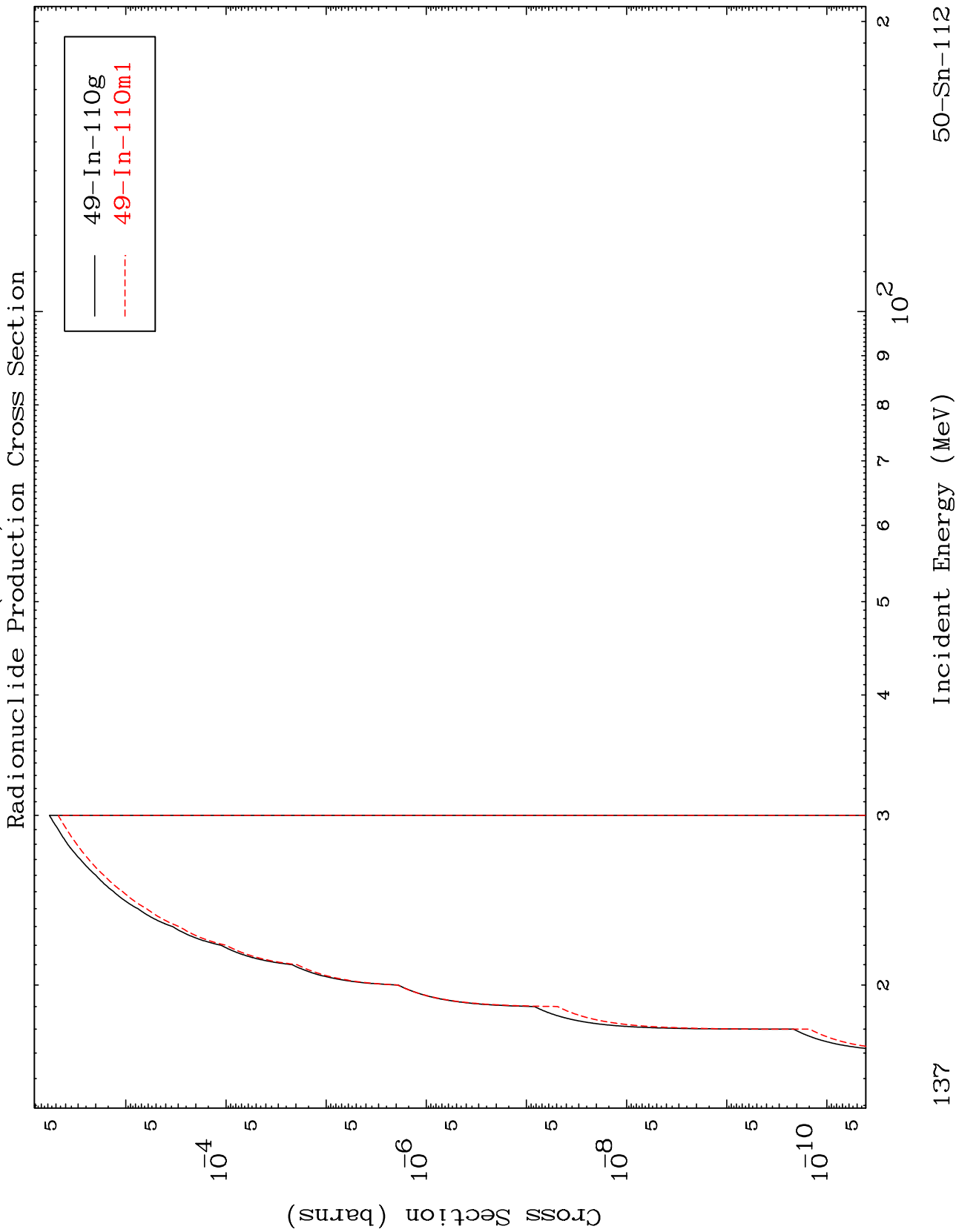
Incident Energy (MeV)

50-Sn-112

MAT 5025

(n,n') d

50-Sn-112

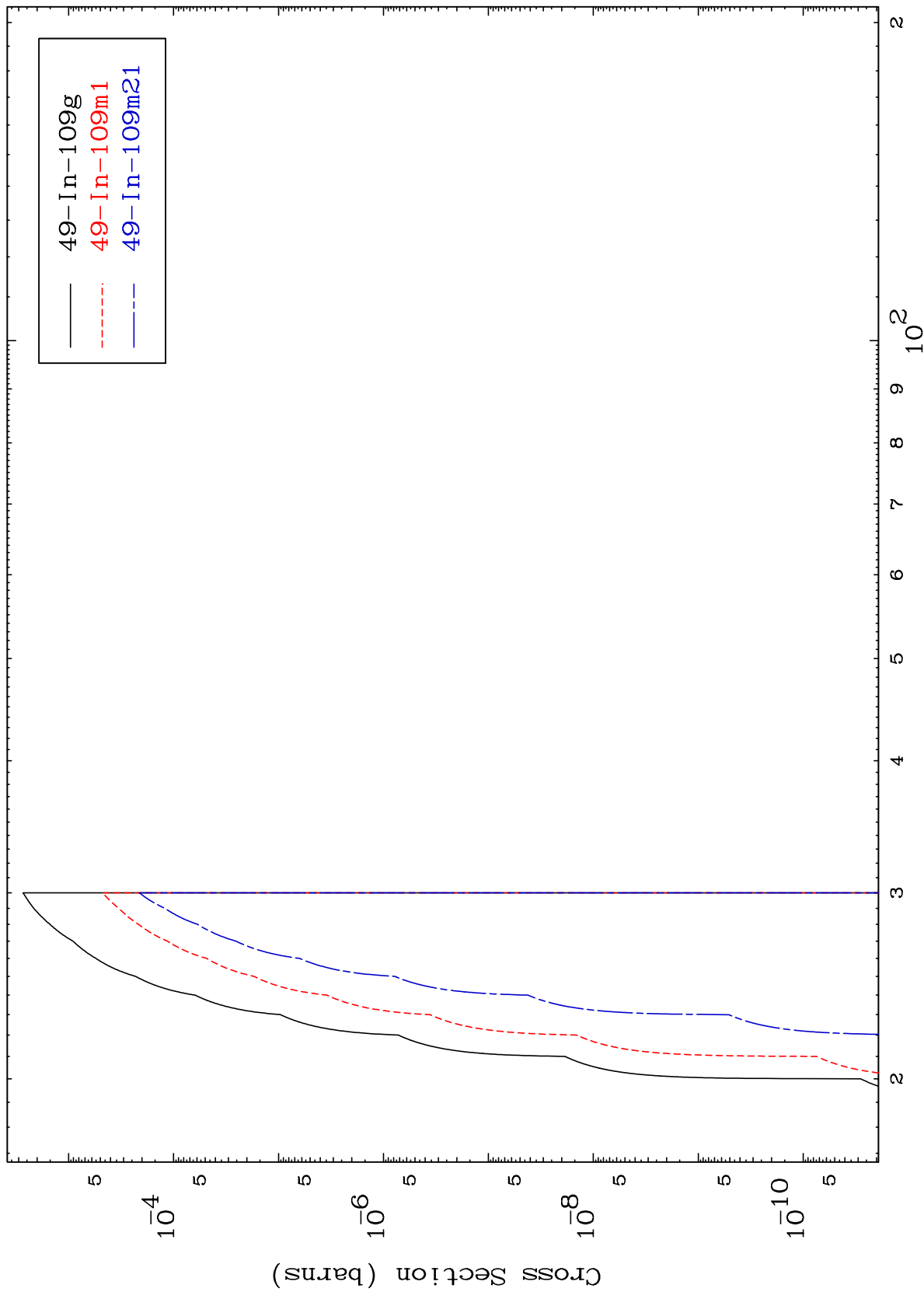


137

Incident Energy (MeV)

50-Sn-112

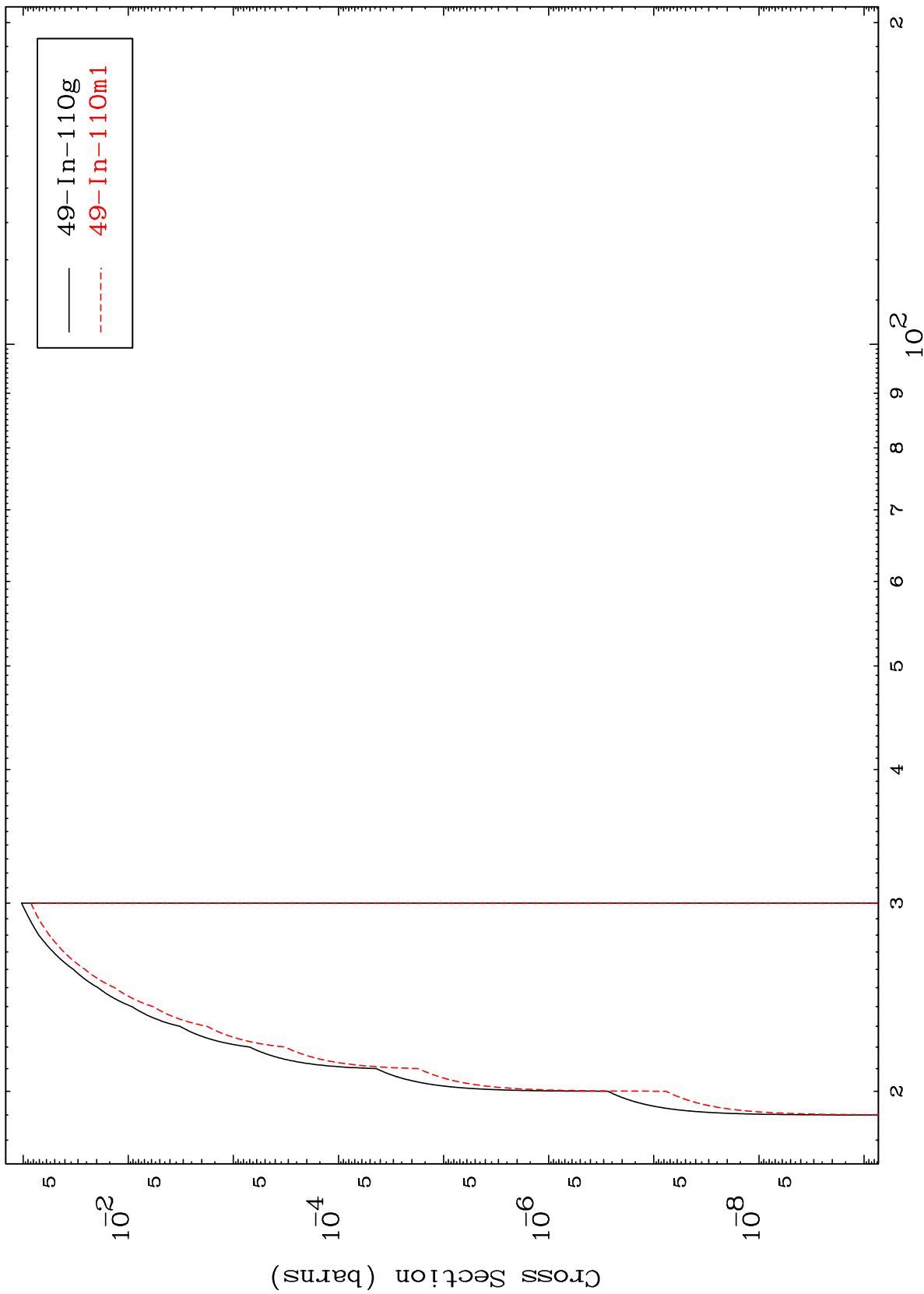
Radionuclide Production Cross Section



MAT 5025

50-Sn-112

(n,2n) p
Radionuclide Production Cross Section



139

50-Sn-112

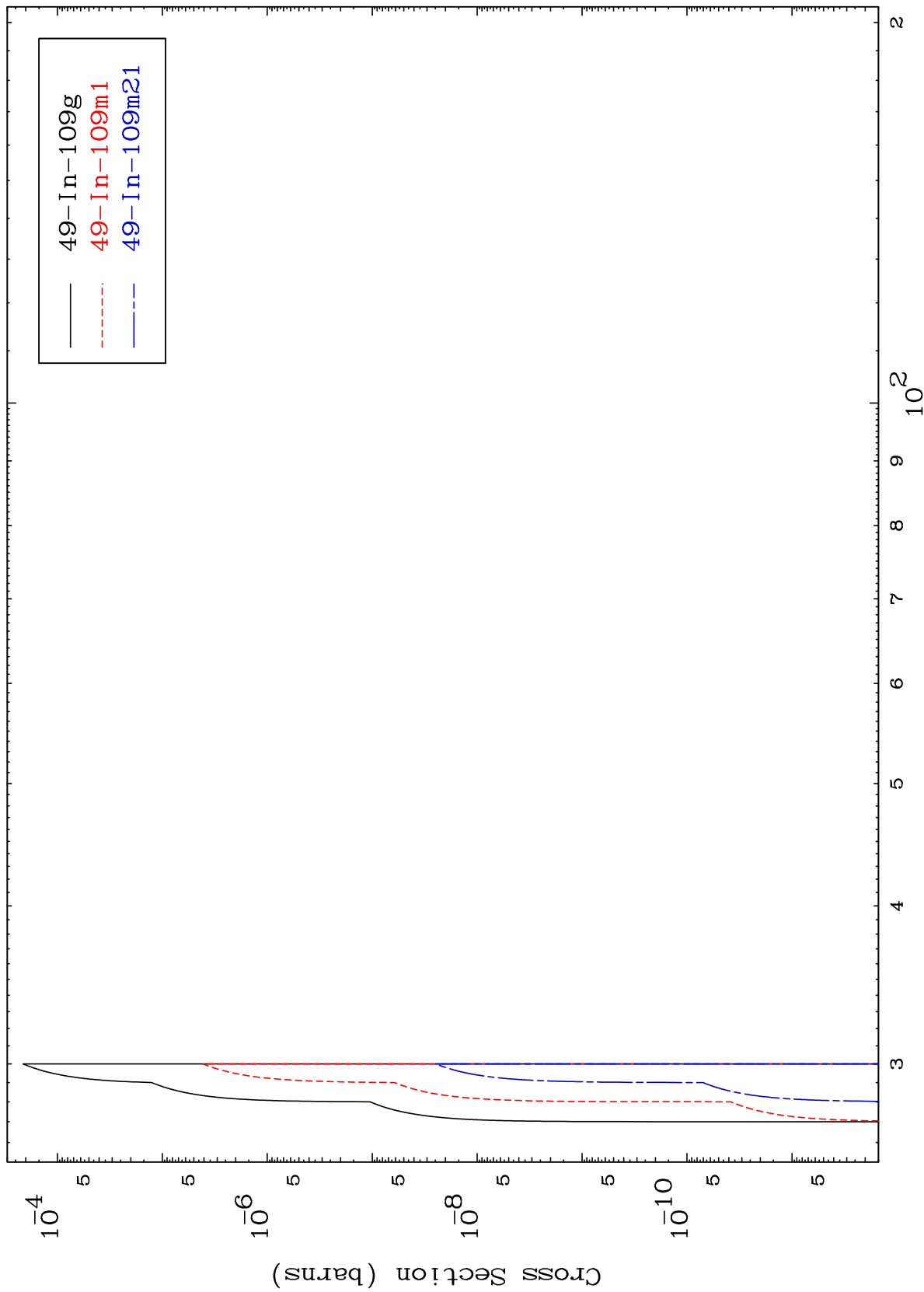
Incident Energy (MeV)

MAT 5025

(n,3n) p

50-Sn-112

Radionuclide Production Cross Section



140

Incident Energy (MeV)

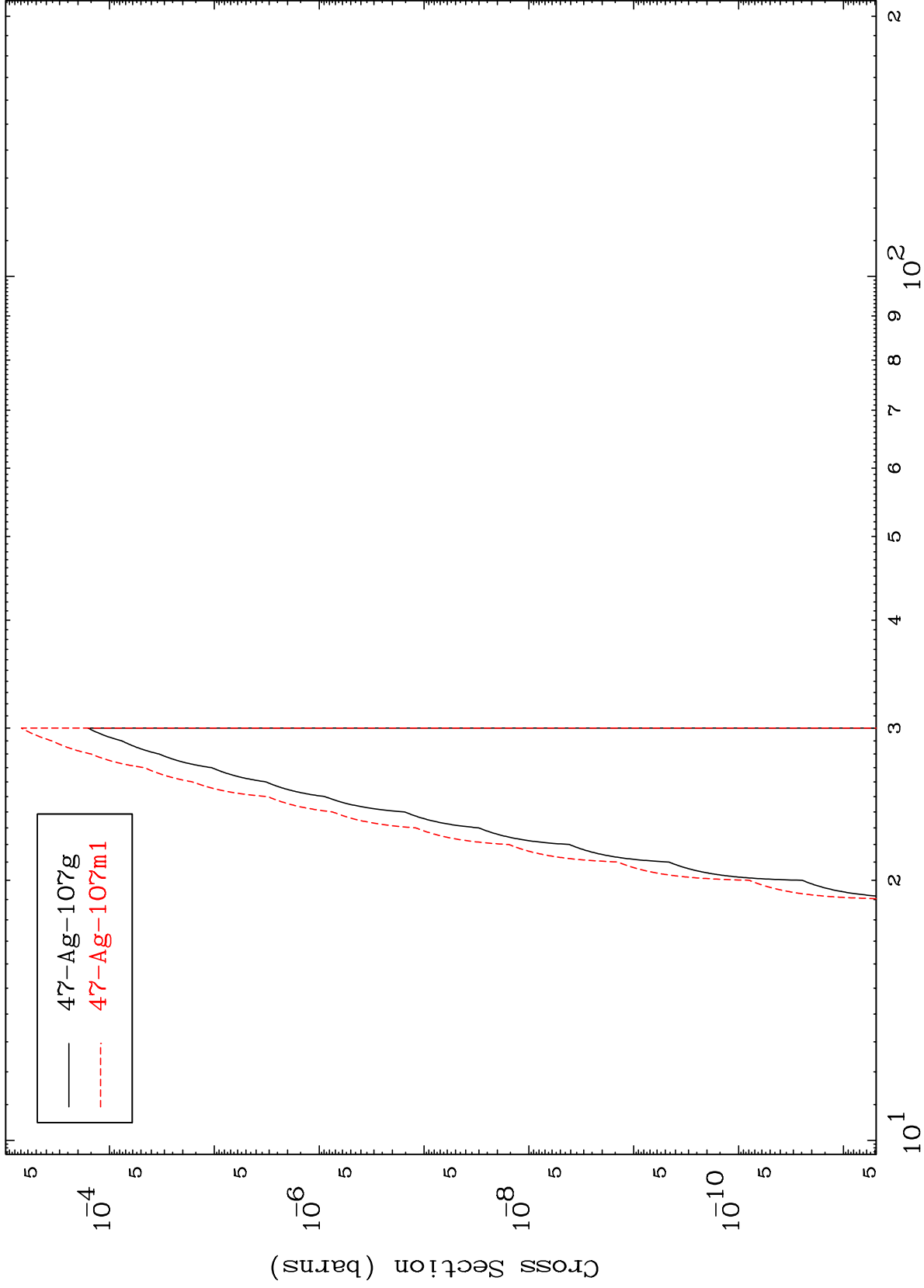
50-Sn-112

MAT 5025

(n,n') p α

50-Sn-112

Radionuclide Production Cross Section



141

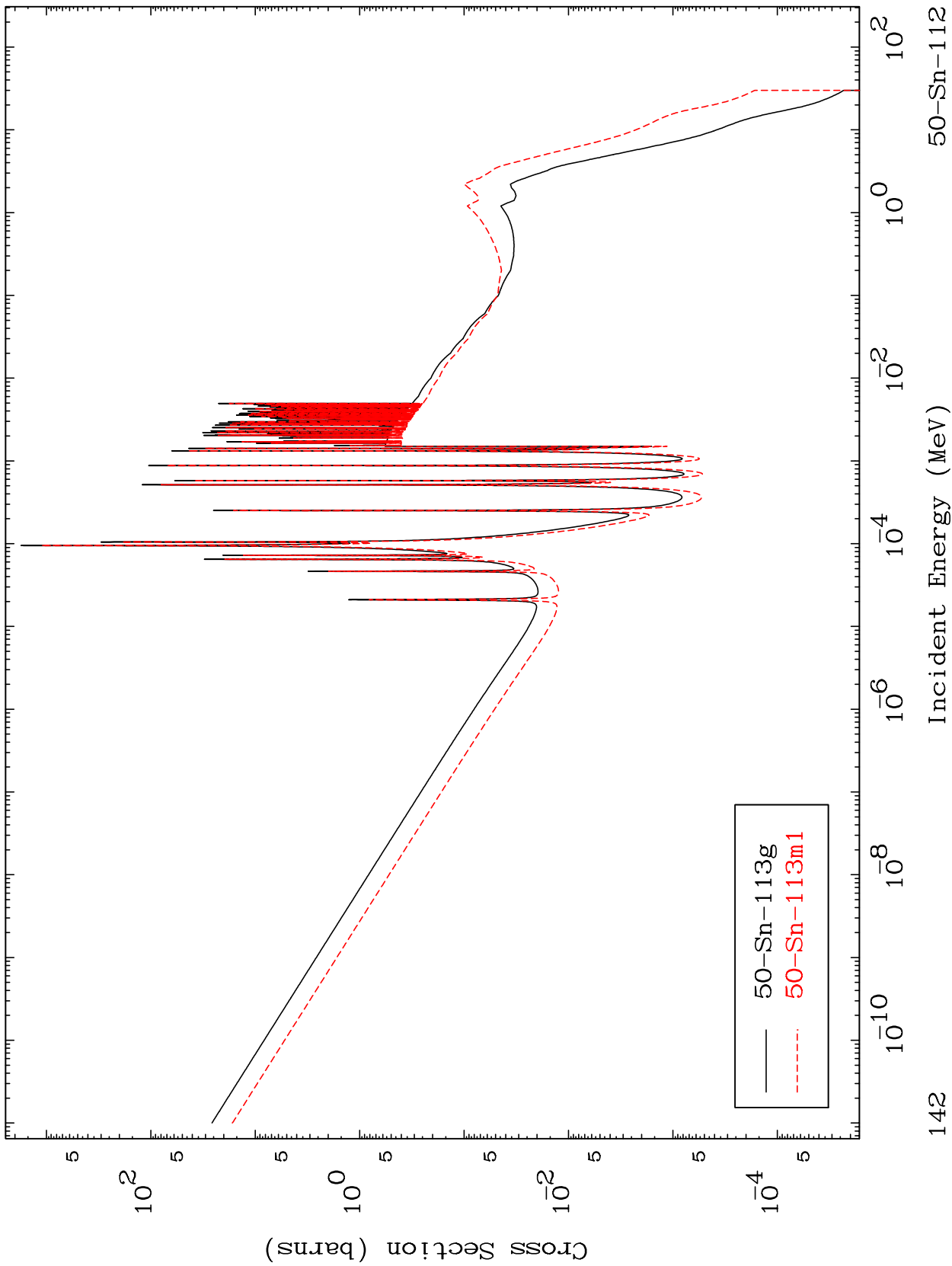
Incident Energy (MeV)

50-Sn-112

MAT 5025

50-Sn-112

(n, γ)
Radionuclide Production Cross Section



142

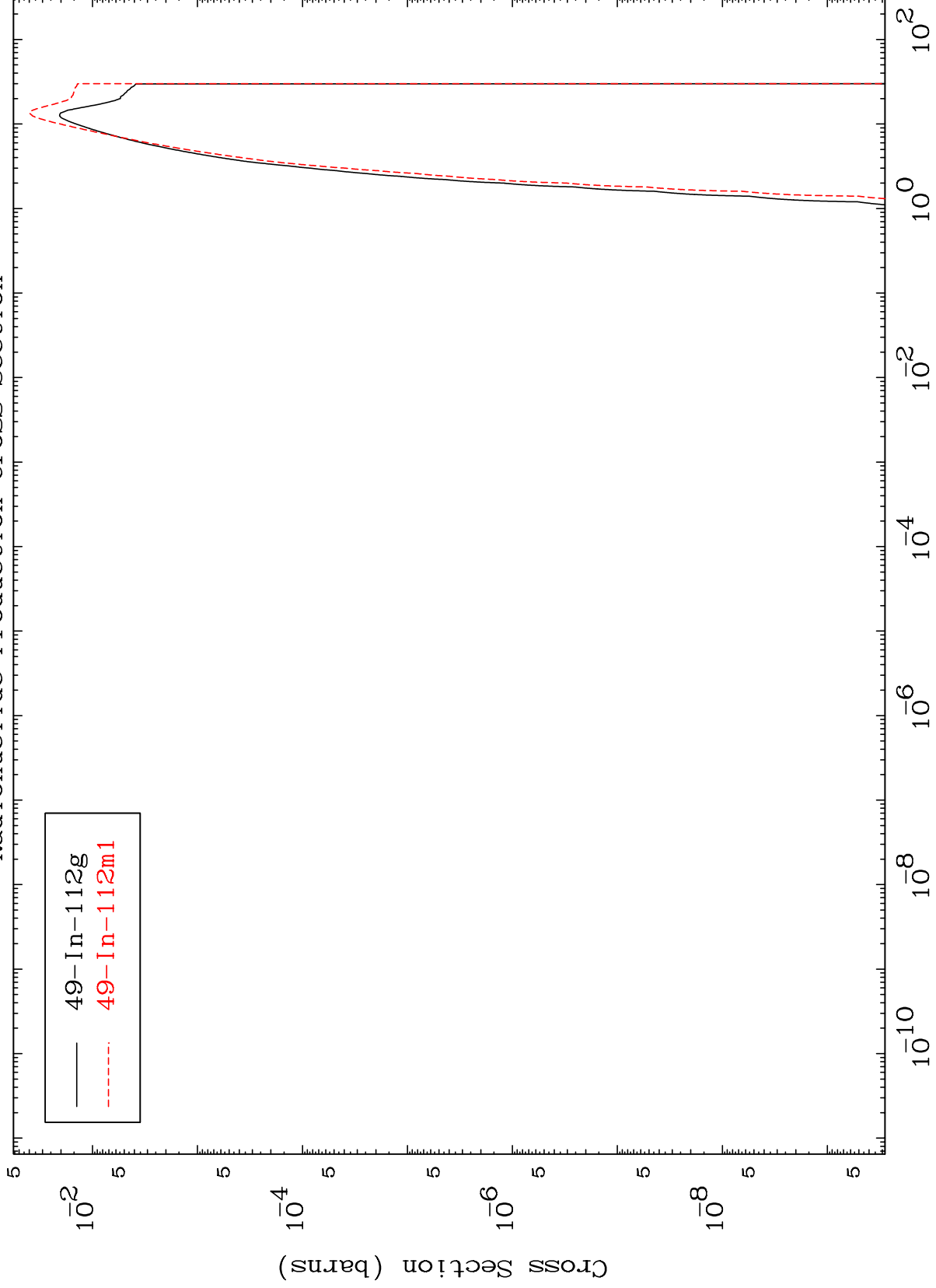
50-Sn-112

MAT 5025

(n,p)

50-Sn-112

Radionuclide Production Cross Section



49-In-112g
49-In-112m1

Incident Energy (MeV)

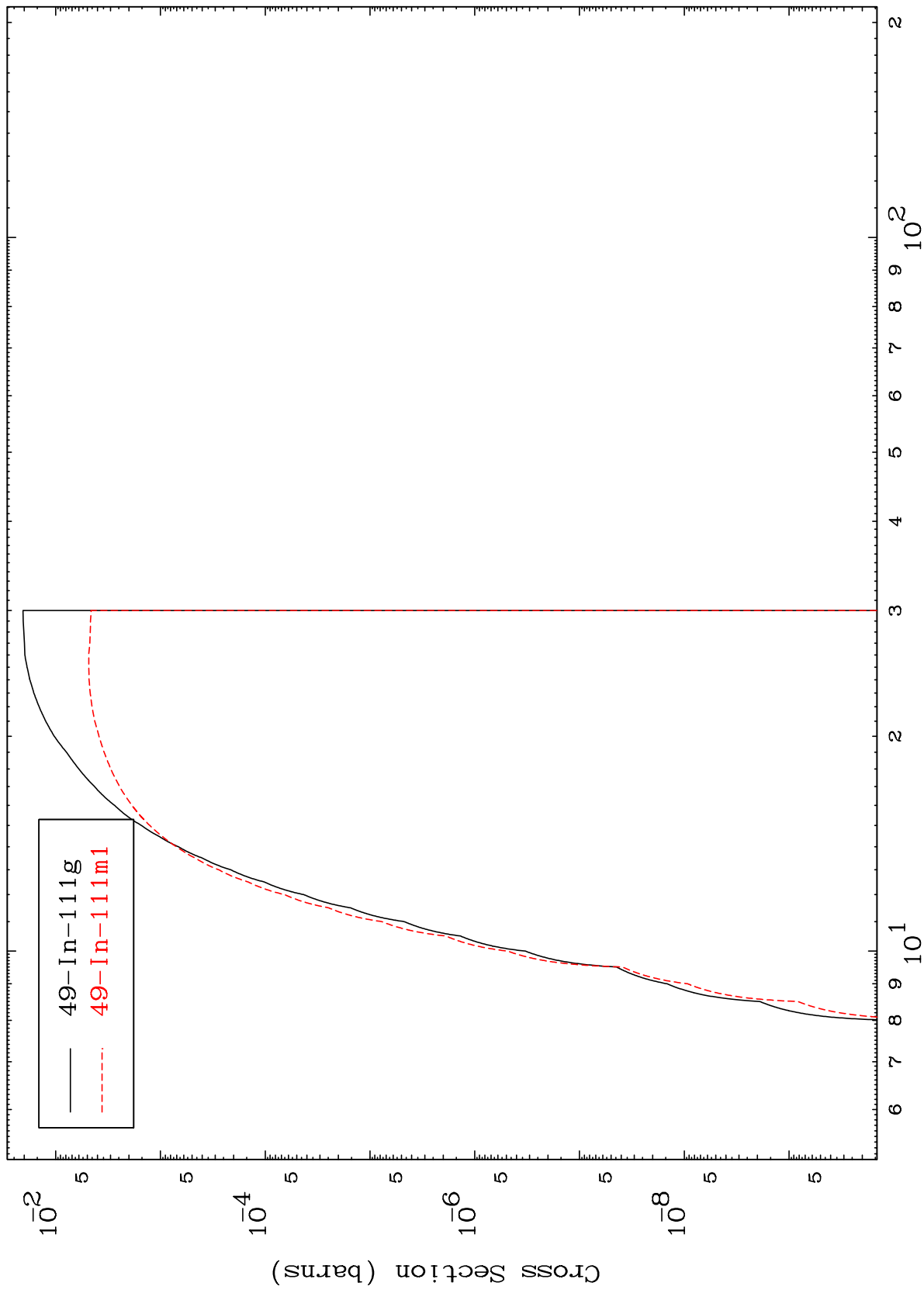
50-Sn-112

143

MAT 5025

50-Sn-112

(n,d)
Radionuclide Production Cross Section



144

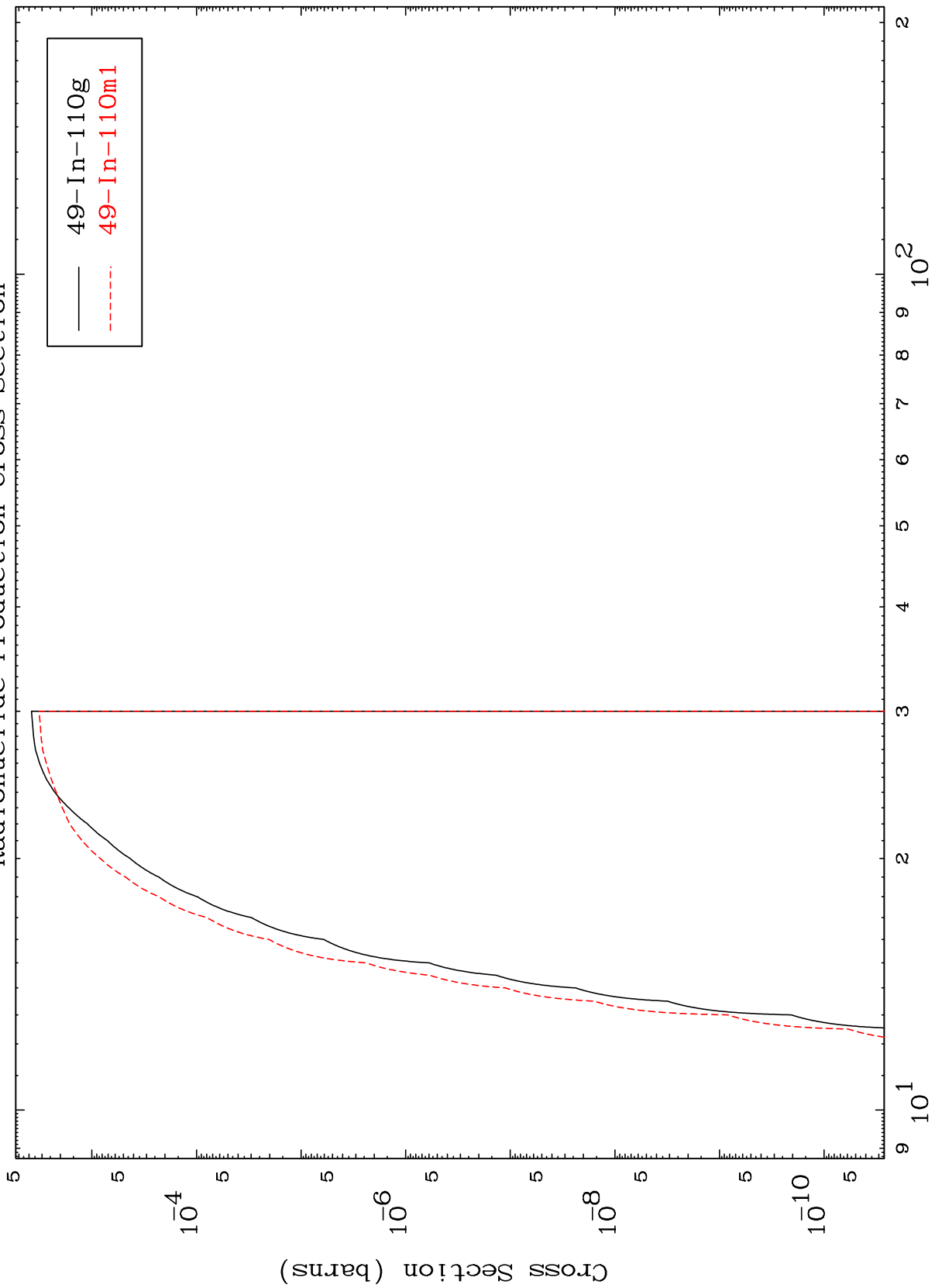
Incident Energy (MeV)

50-Sn-112

MAT 5025

50-Sn-112

(n,t)
Radionuclide Production Cross Section



Incident Energy (MeV)

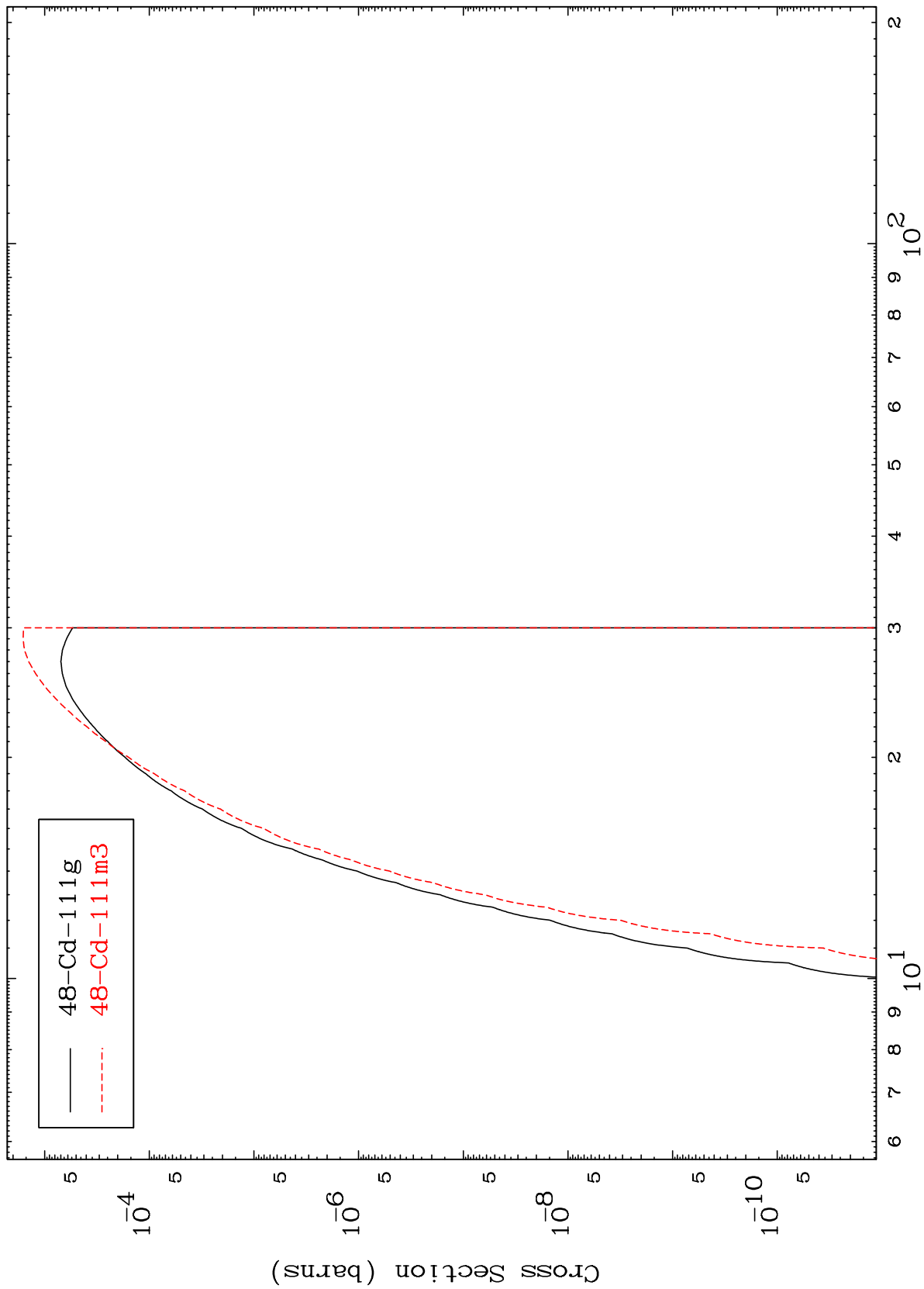
50-Sn-112

145

MAT 5025

50-Sn-112

Radionuclide Production Cross Section (n,2p)



146

Incident Energy (MeV)

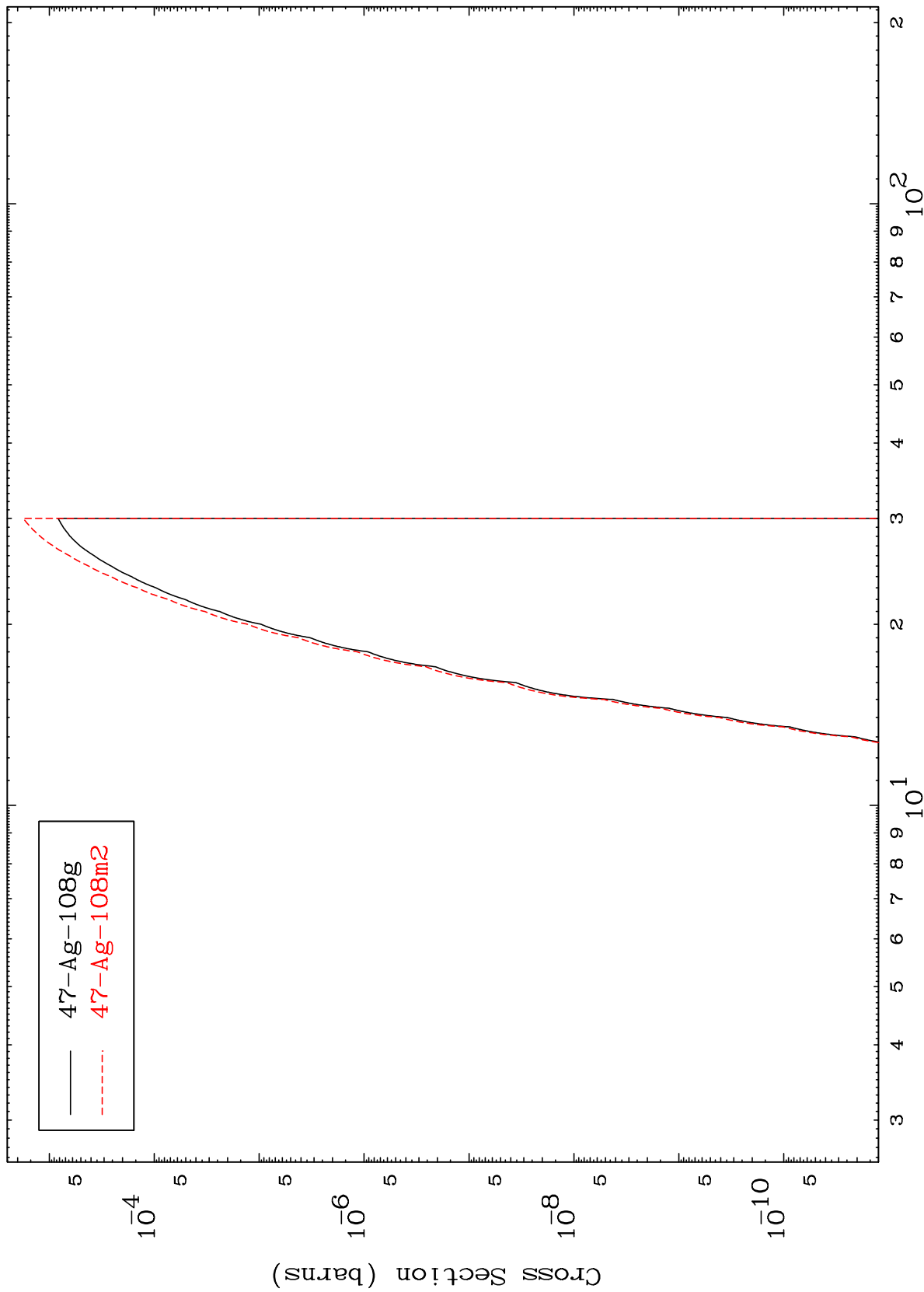
50-Sn-112

MAT 5025

(n,p) α

50-Sn-112

Radionuclide Production Cross Section



147

Incident Energy (MeV)

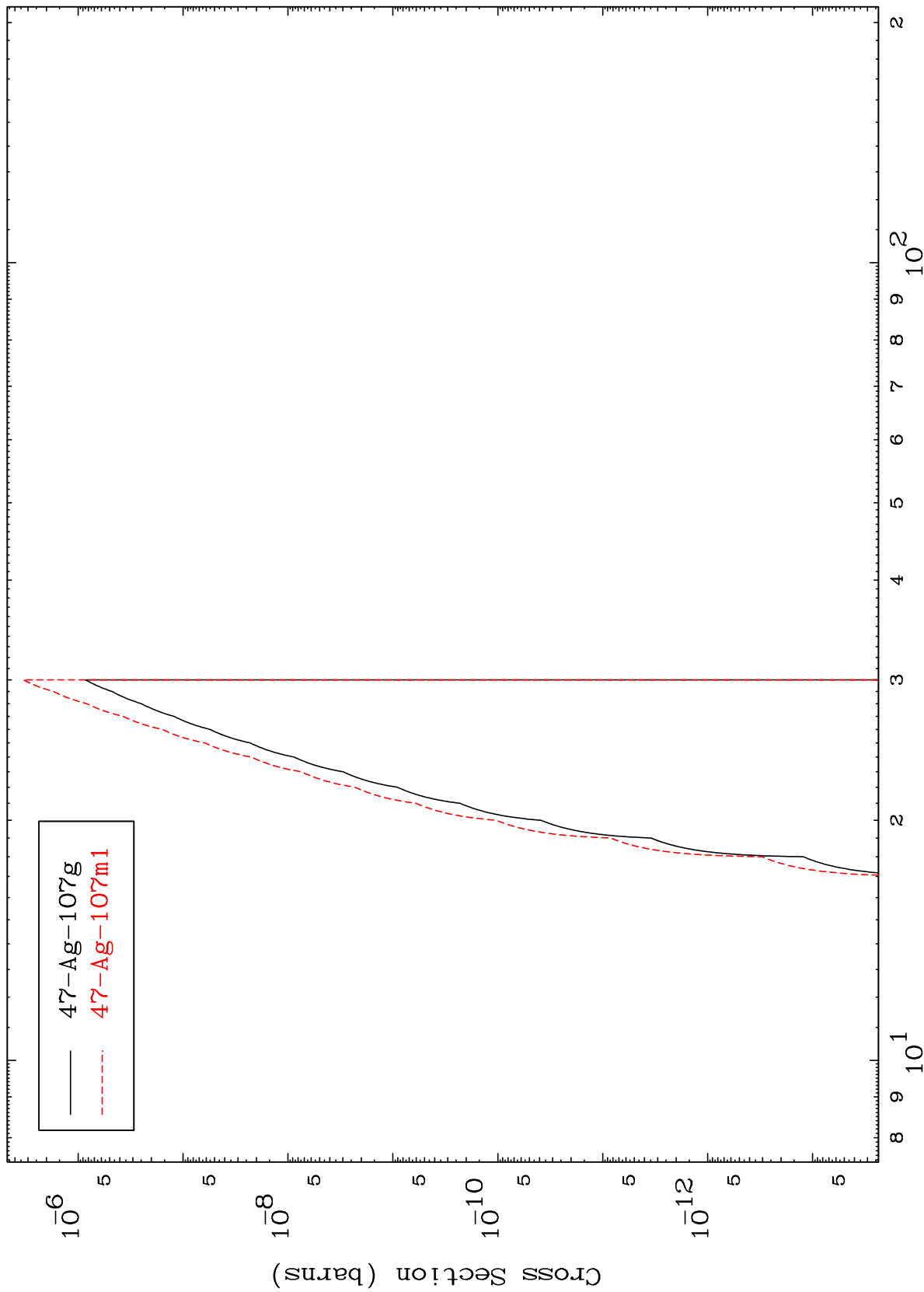
50-Sn-112

MAT 5025

(n,d) α

50-Sn-112

Radionuclide Production Cross Section



148

Incident Energy (MeV)

50-Sn-112