

Program EVALPLOT
(Version 2021-1)

by

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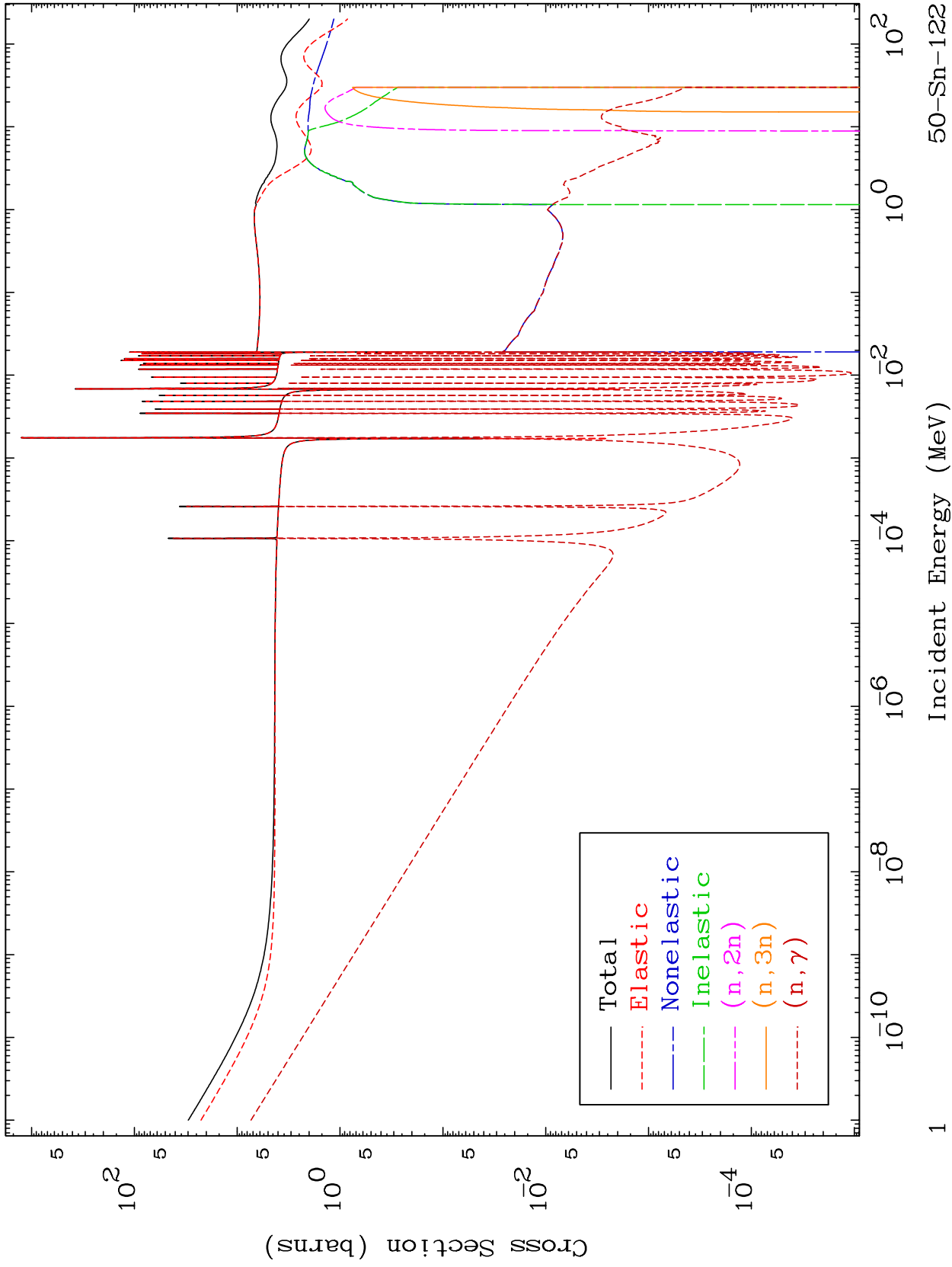
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Press Mouse Button to Start

MAT 5055

Neutron Major
293 Kelvin Cross Sections

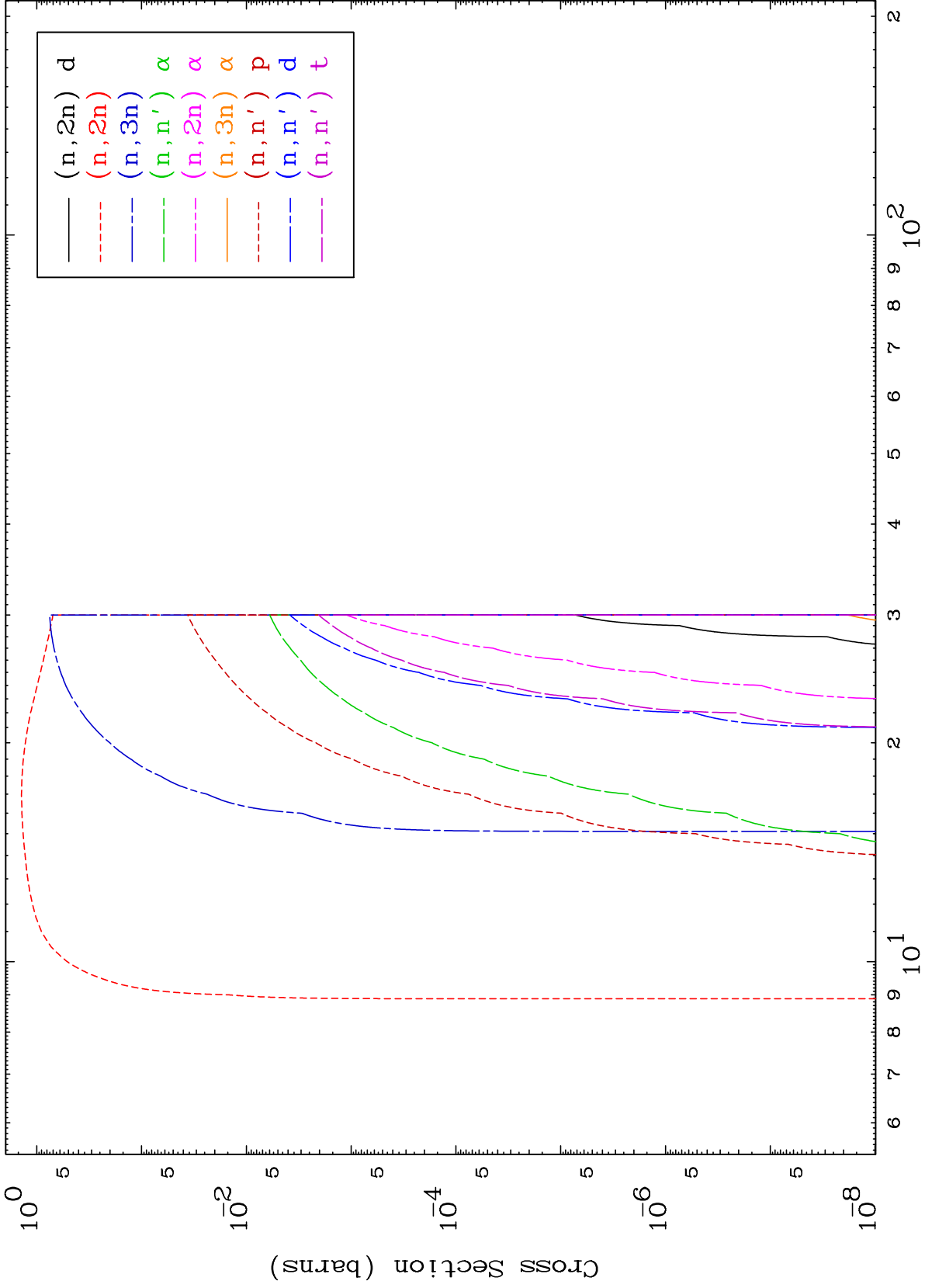
50-Sn-122



MAT 5055

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-122



2

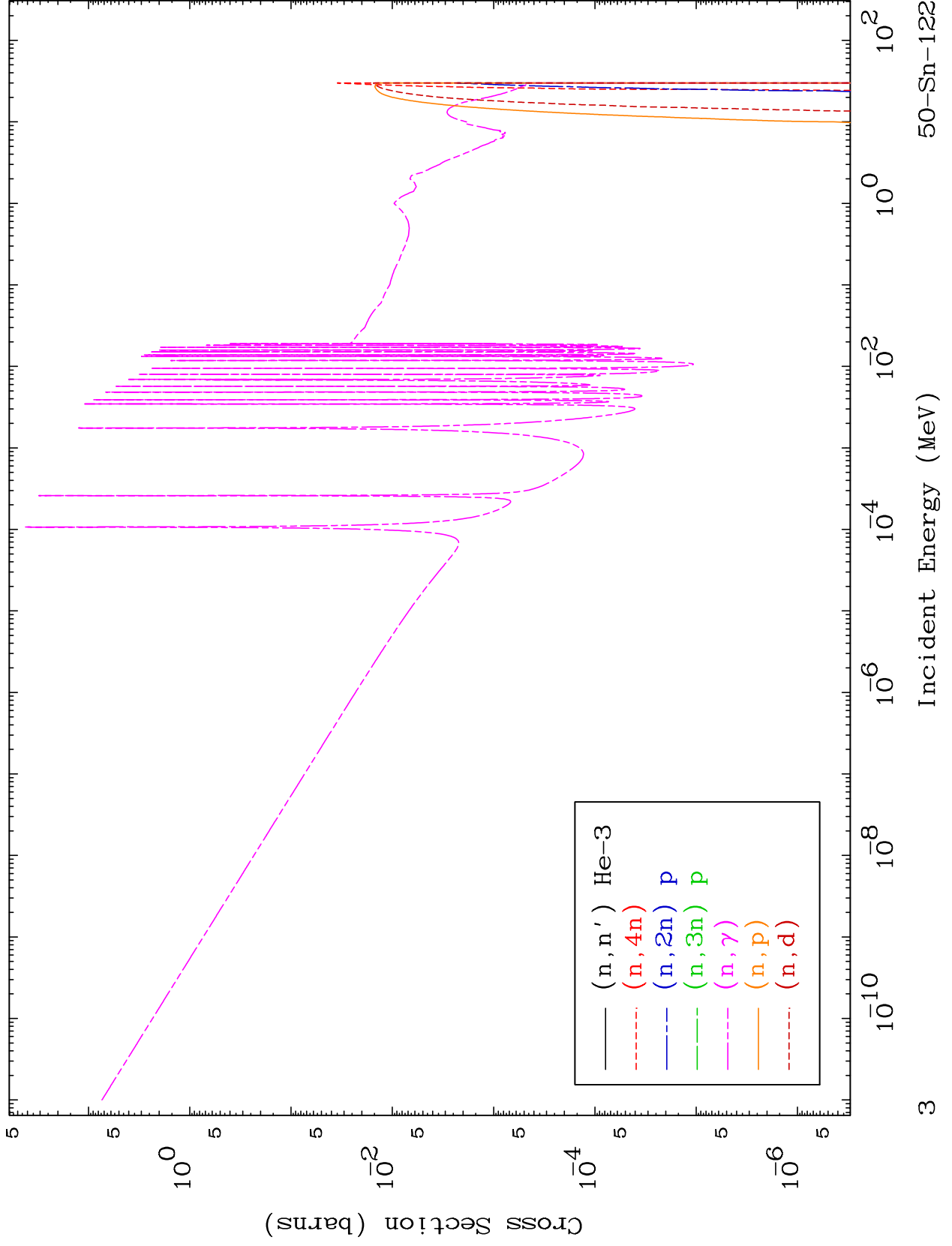
Incident Energy (MeV)

50-Sn-122

MAT 5055

Neutron Absorption
293 Kelvin Cross Sections

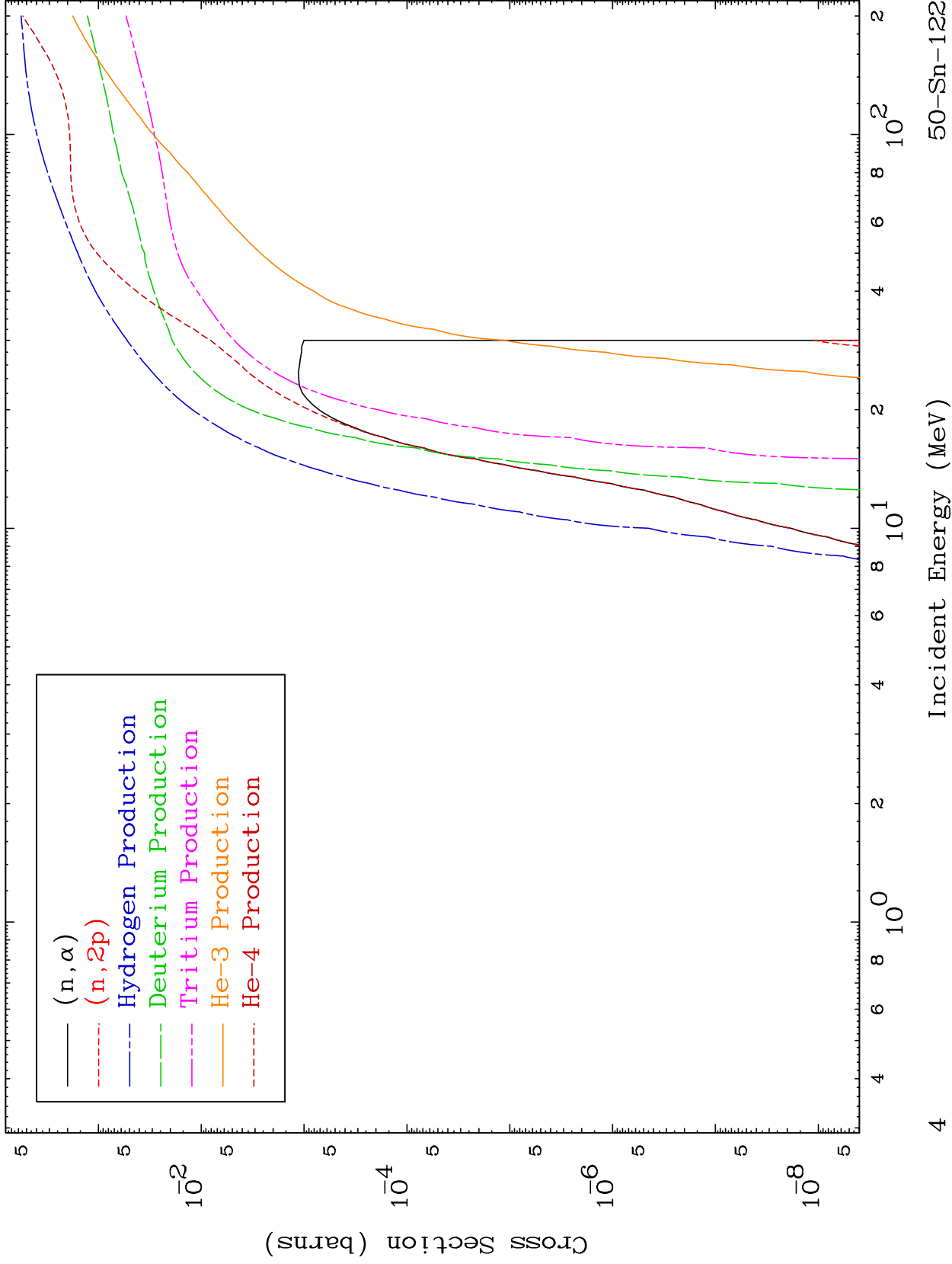
50-Sn-122



MAT 5055

Neutron Absorption
293 Kelvin Cross Sections

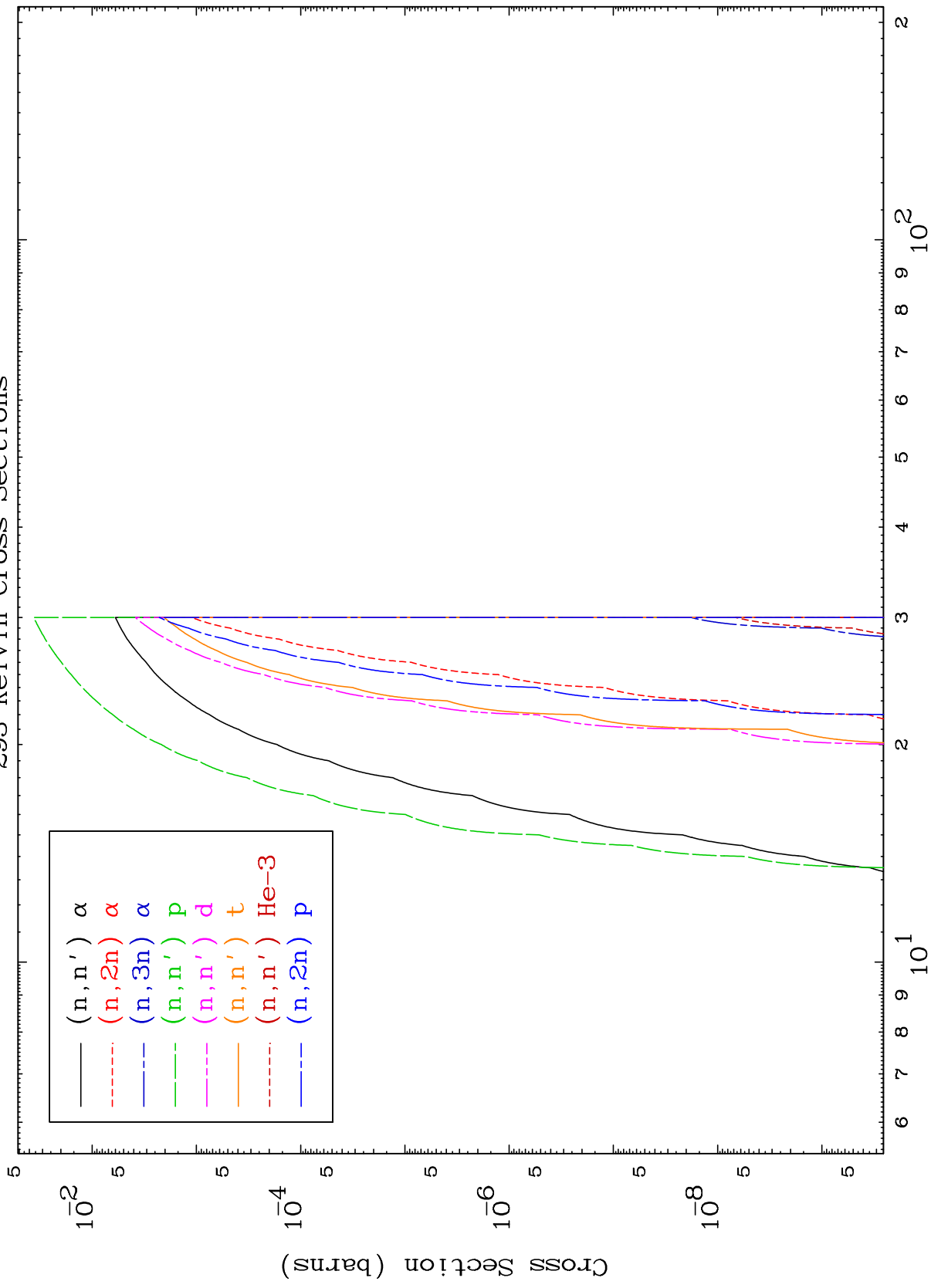
50-Sn-122



MAT 5055

Charged Particle
293 Kelvin Cross Sections

50-Sn-122



5

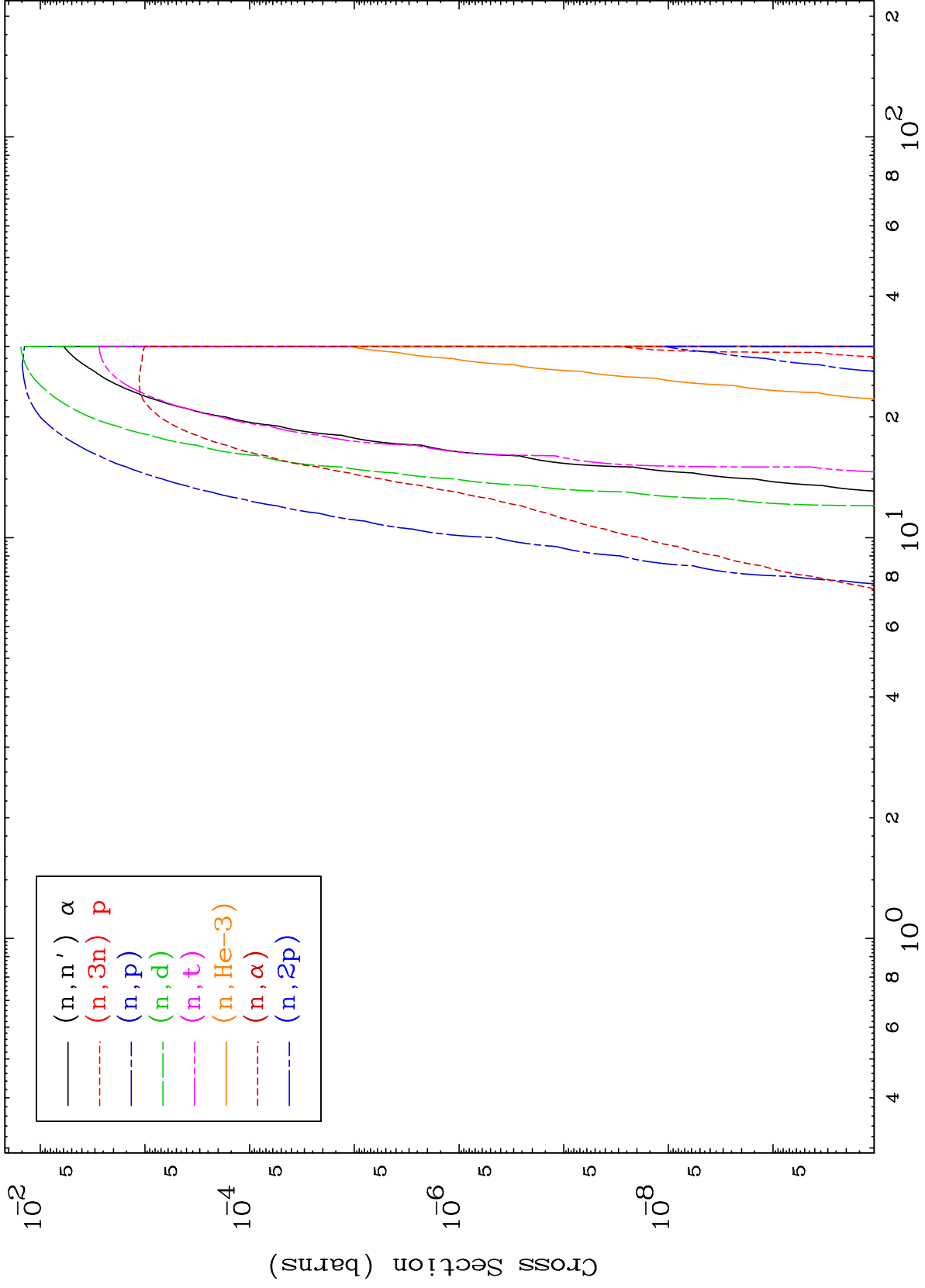
Incident Energy (MeV)

50-Sn-122

MAT 5055

Charged Particle
293 Kelvin Cross Sections

50-Sn-122



6

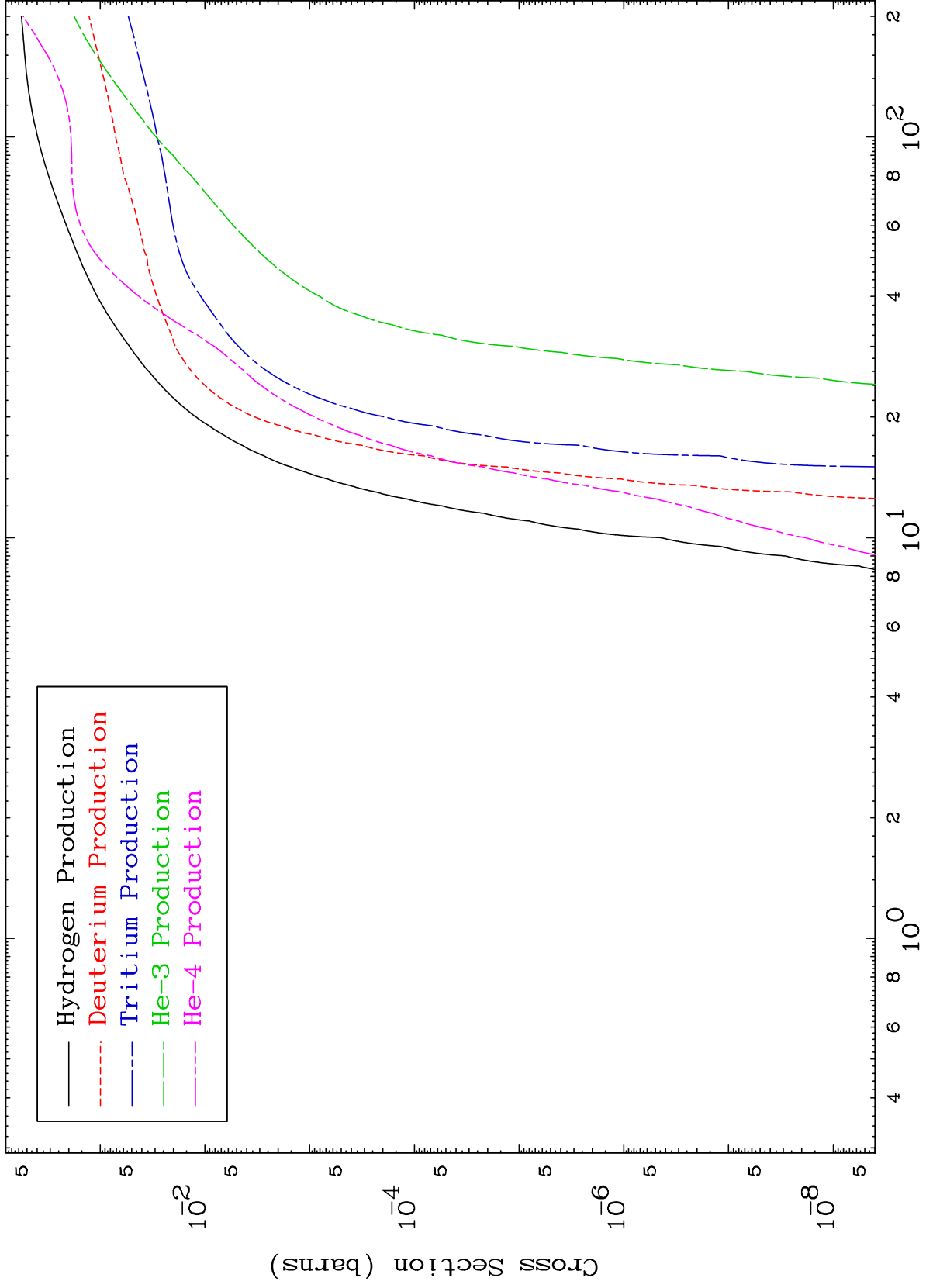
Incident Energy (MeV)

50-Sn-122

MAT 5055

Particle Production
293 Kelvin Cross Sections

50-Sn-122

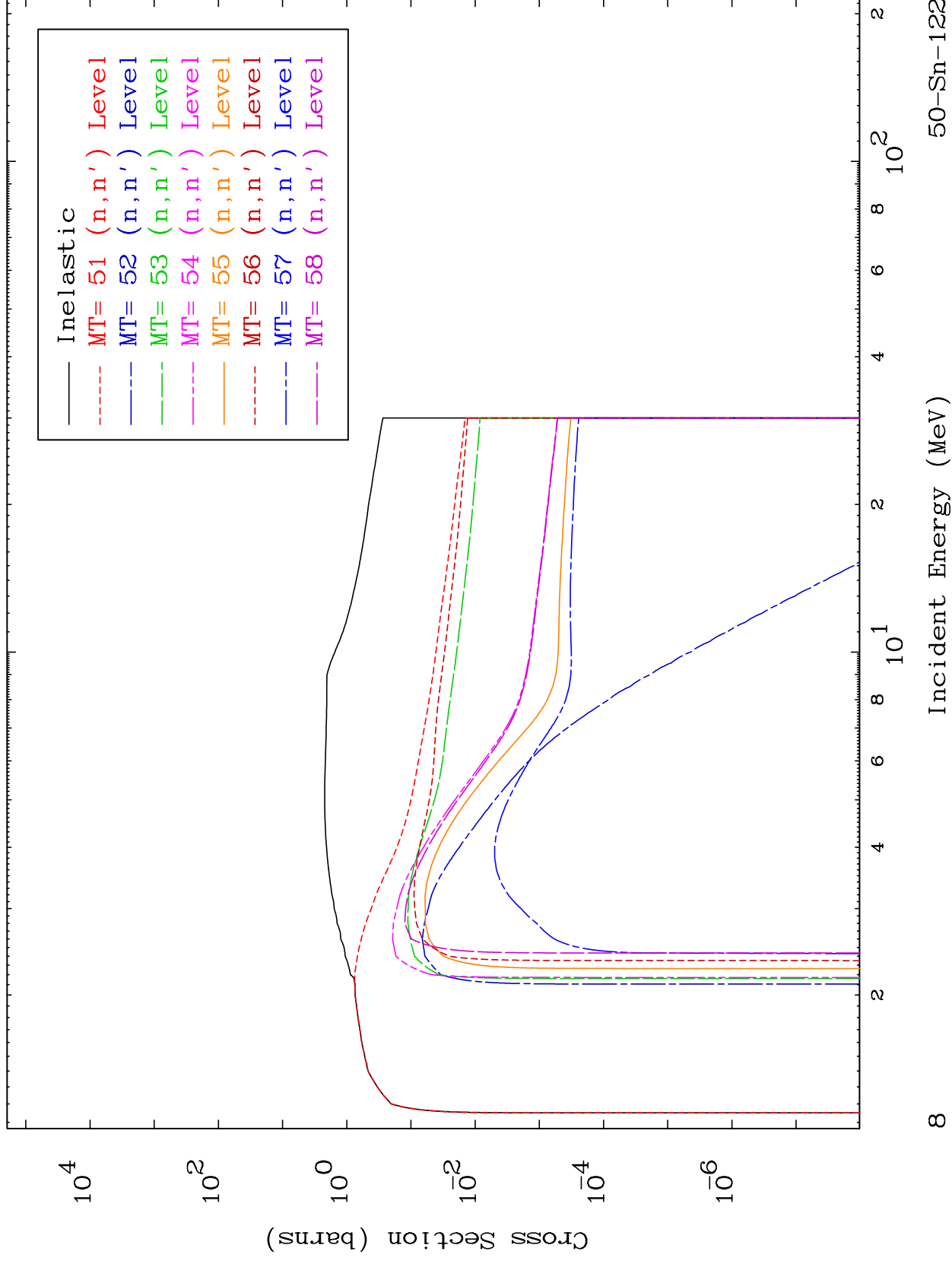


MAT 5055

(n,n') Levels

293 Kelvin Cross Sections

50-Sn-122



8

Incident Energy (MeV)

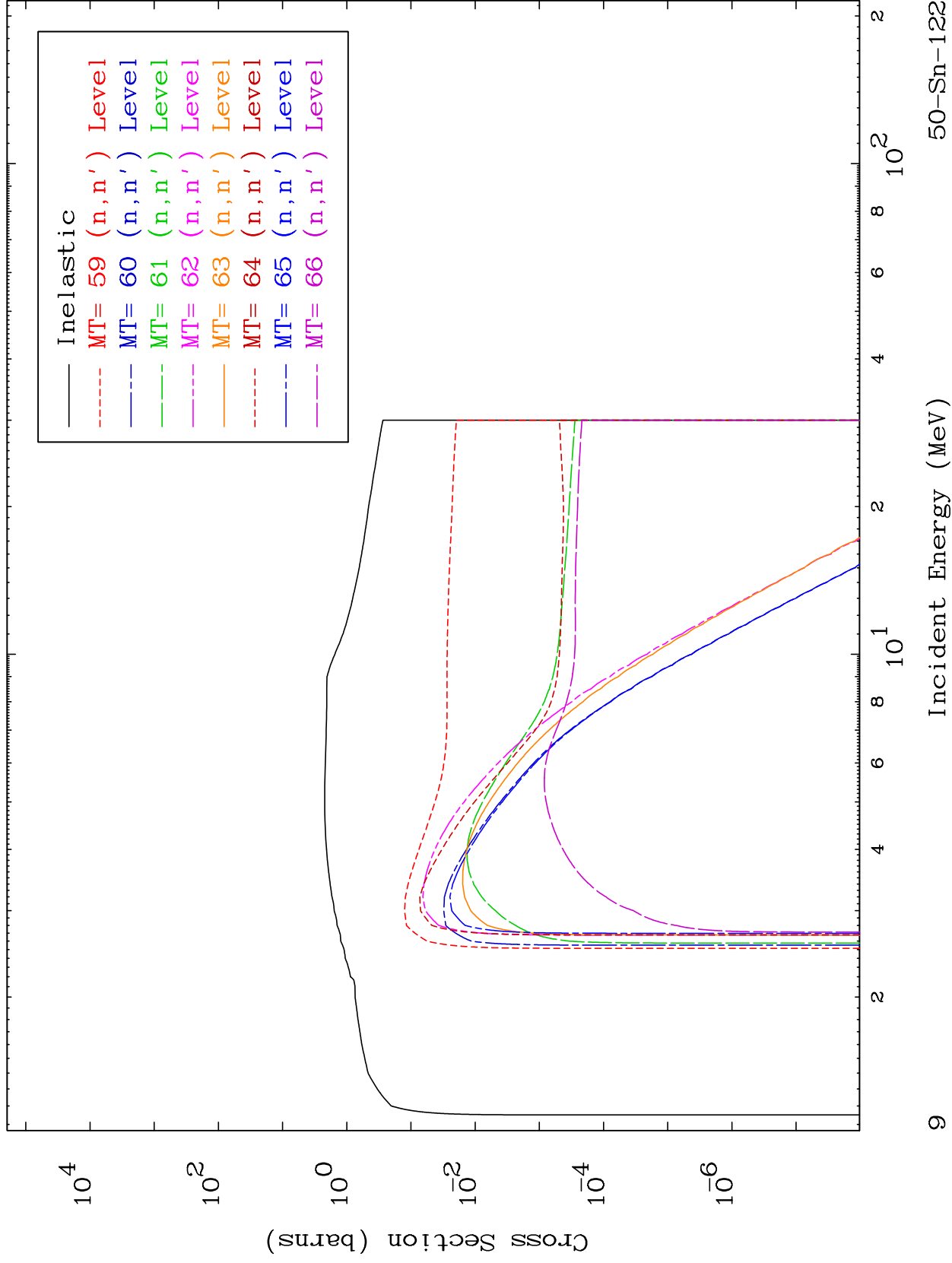
50-Sn-122

MAT 5055

(n,n') Levels

293 Kelvin Cross Sections

50-Sn-122

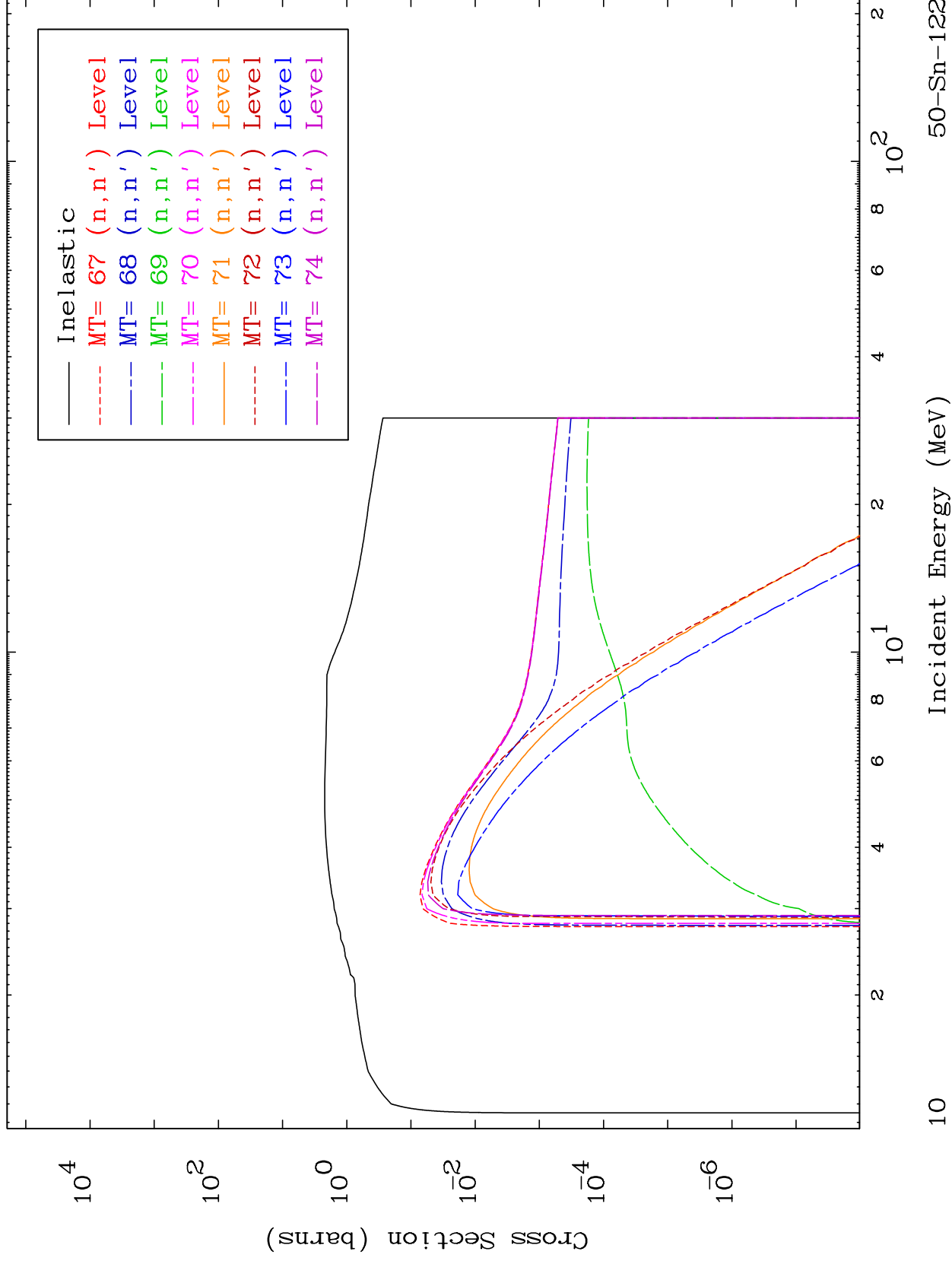


MAT 5055

(n,n') Levels

293 Kelvin Cross Sections

50-Sn-122



10

Incident Energy (MeV)

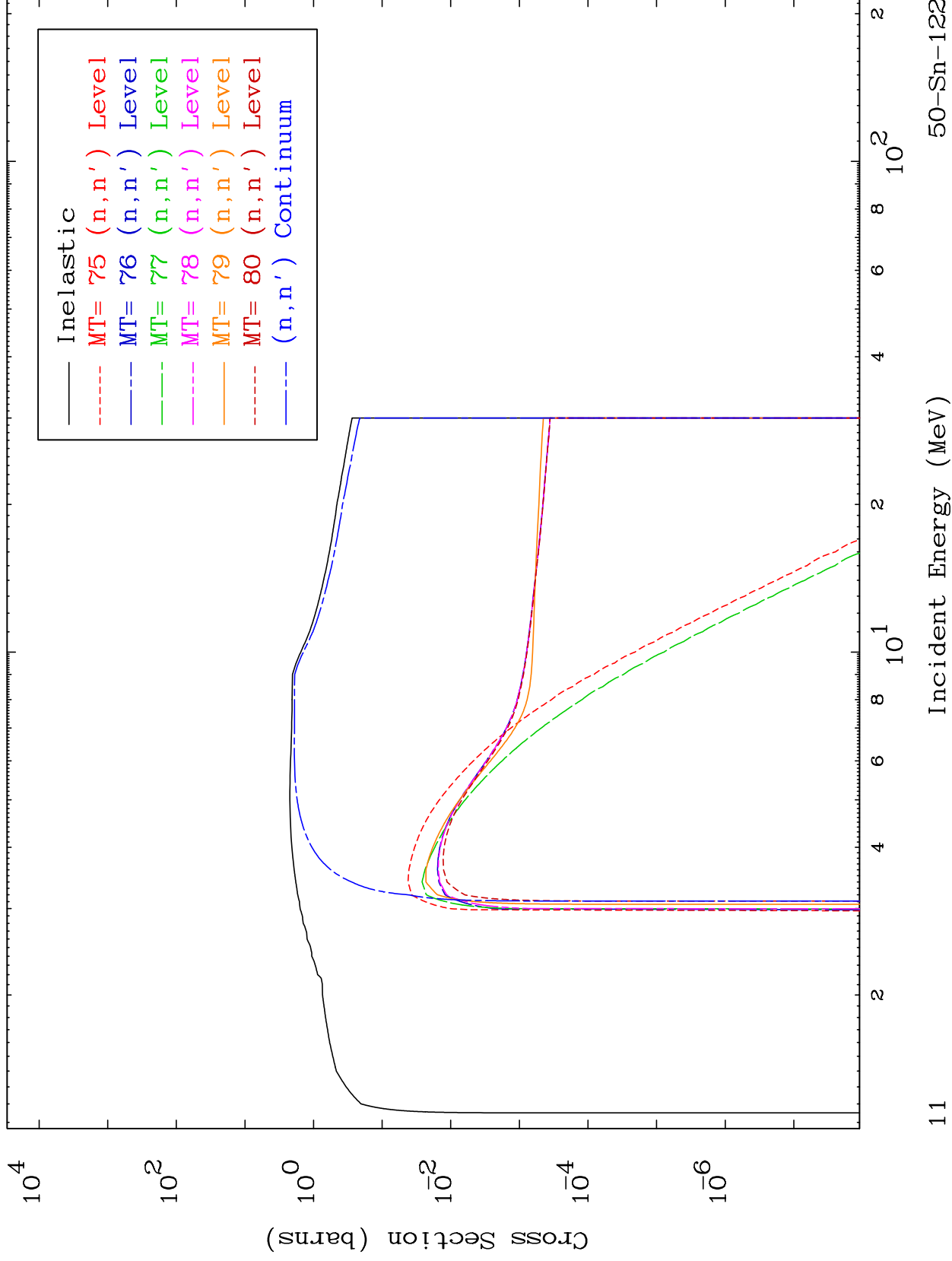
50-Sn-122

MAT 5055

(n,n') Levels

50-Sn-122

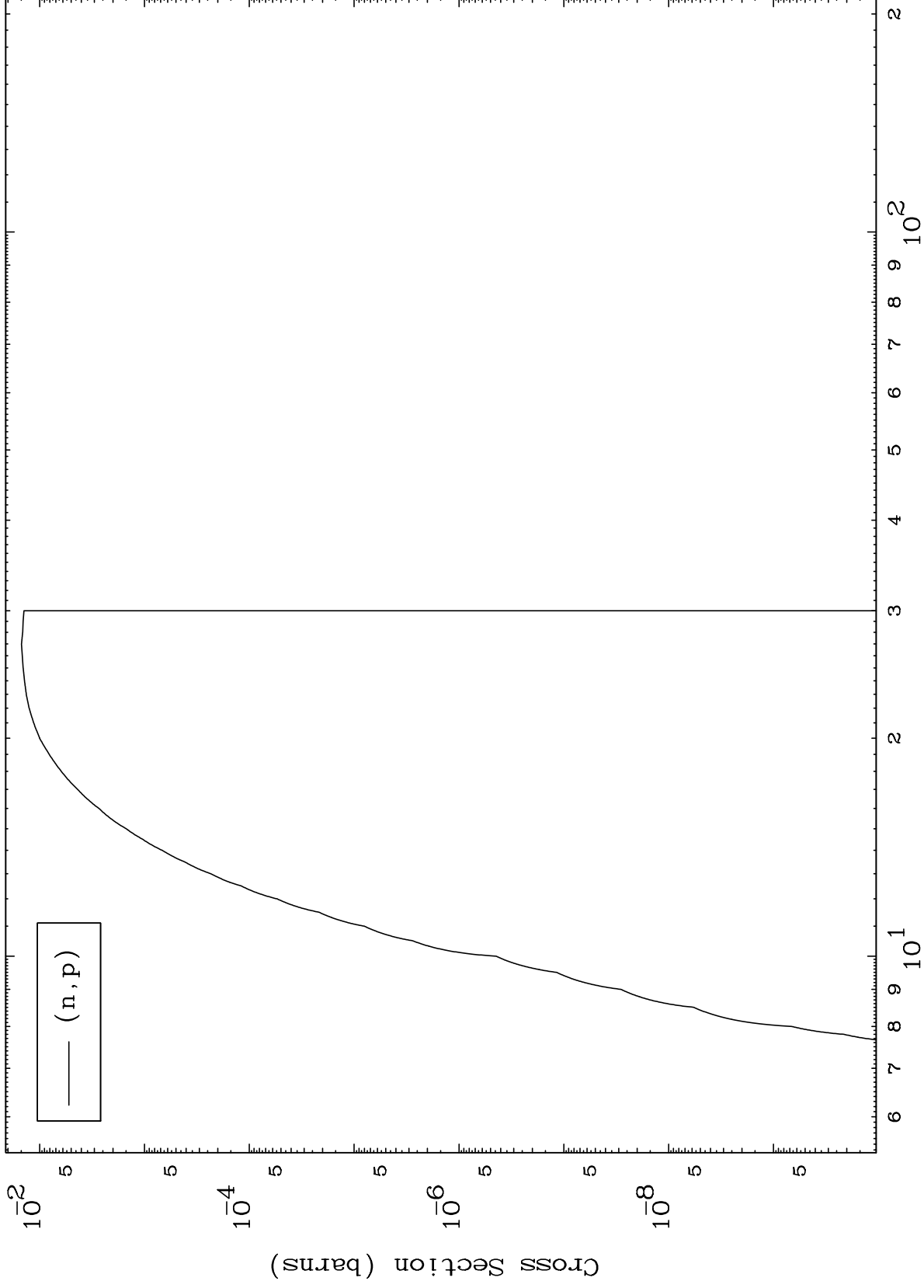
293 Kelvin Cross Sections



MAT 5055

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-122



12

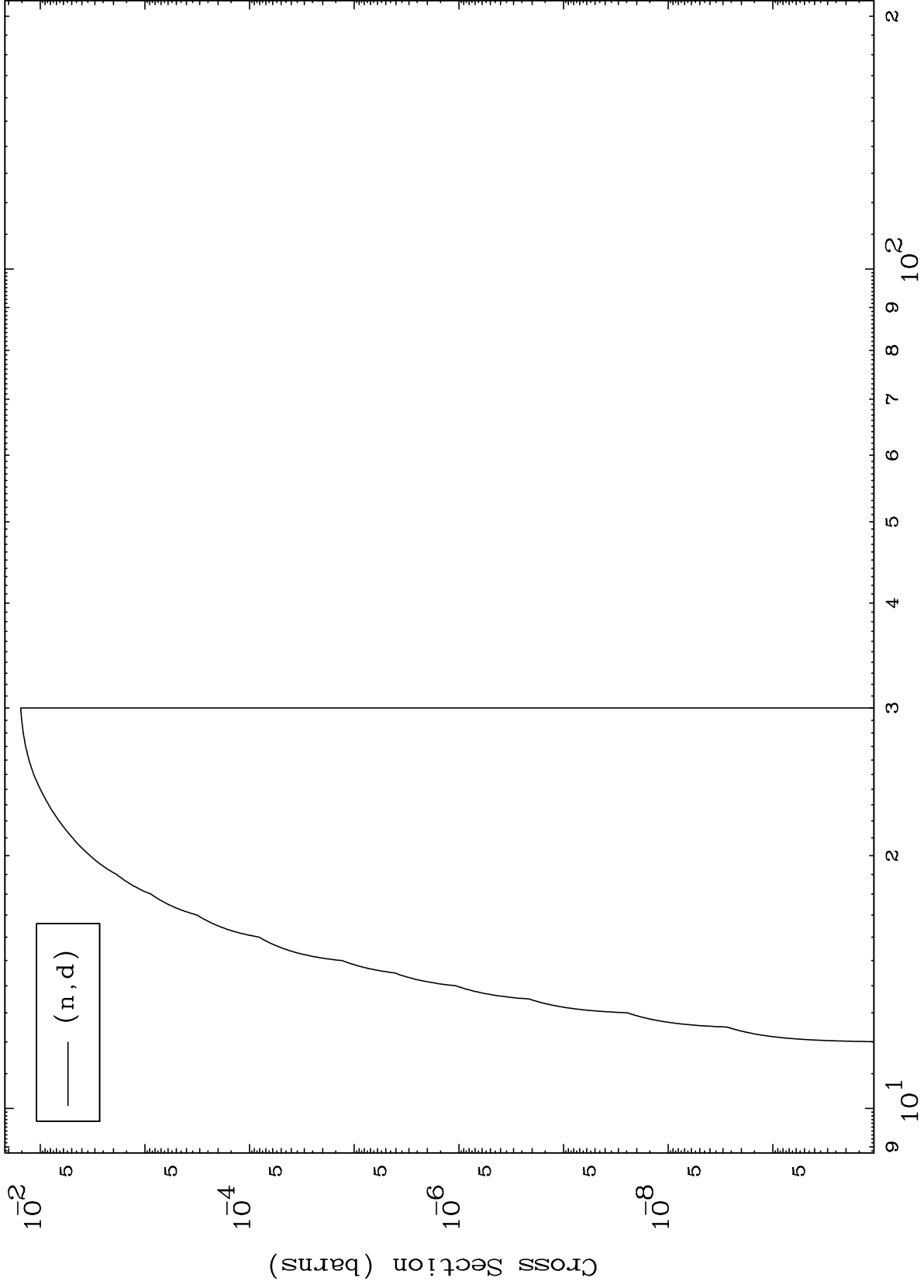
Incident Energy (MeV)

50-Sn-122

MAT 5055

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-122



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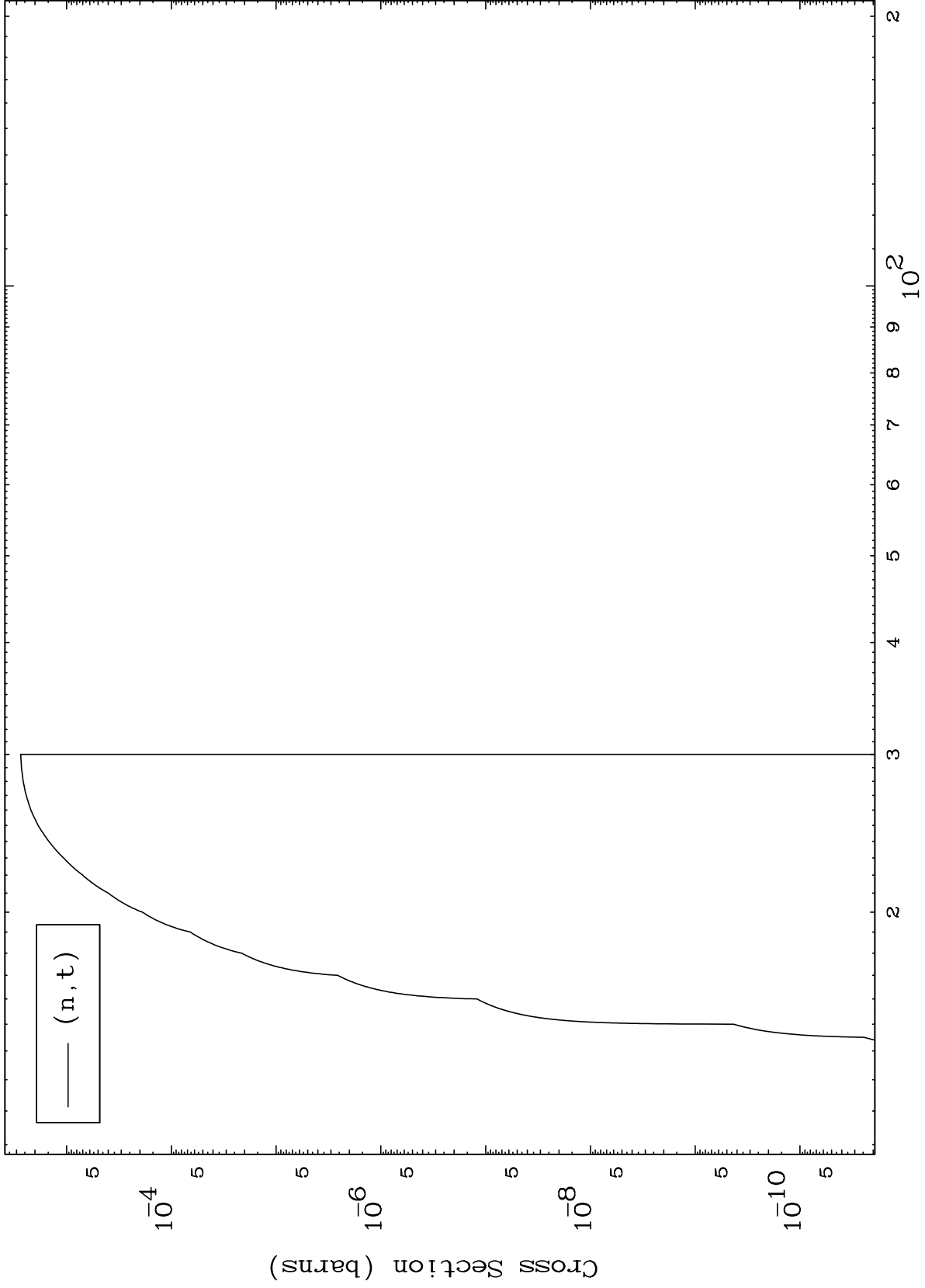
Incident Energy (MeV)

50-Sn-122

MAT 5055

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-122



14

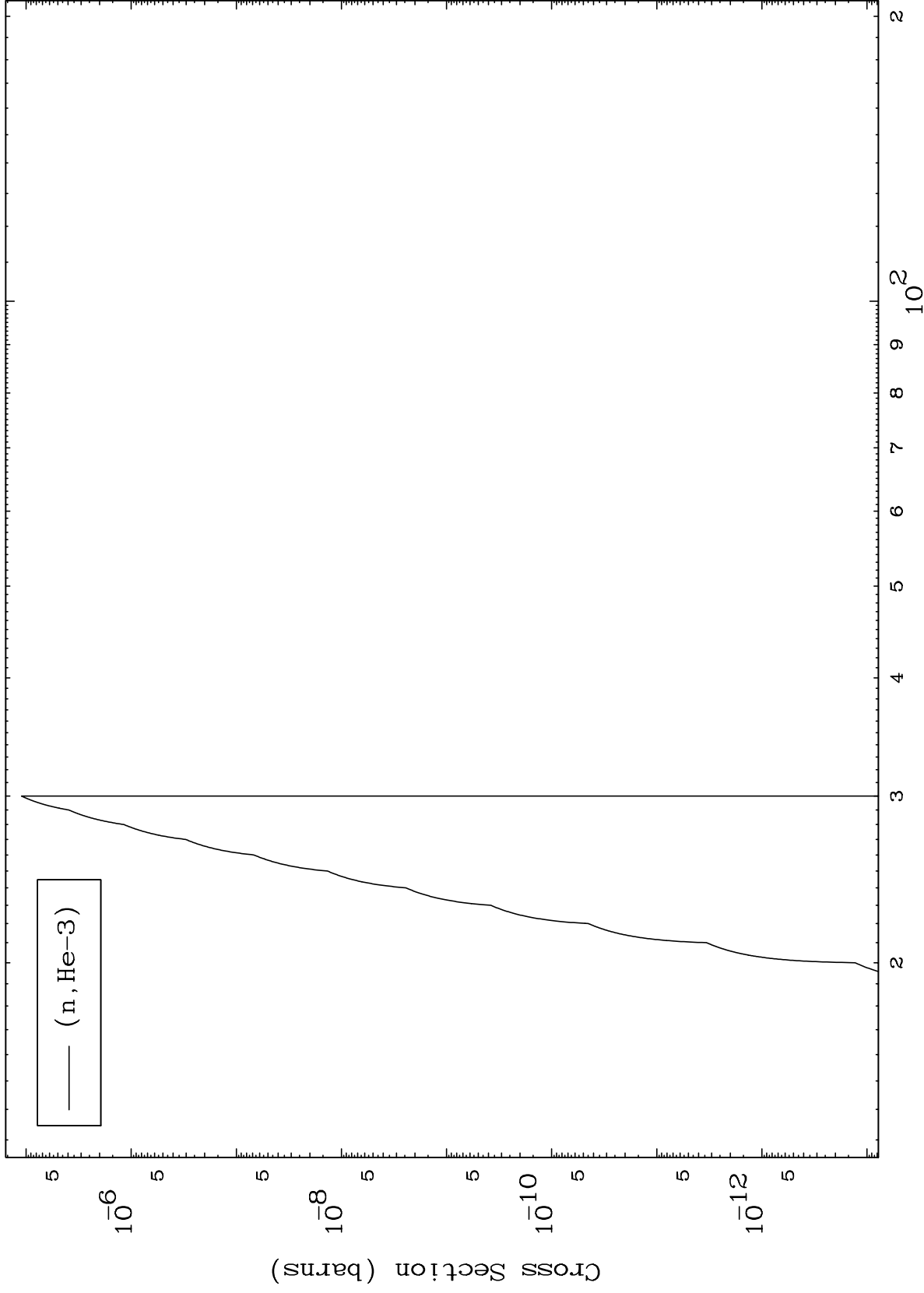
Incident Energy (MeV)

50-Sn-122

MAT 5055

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-122



15

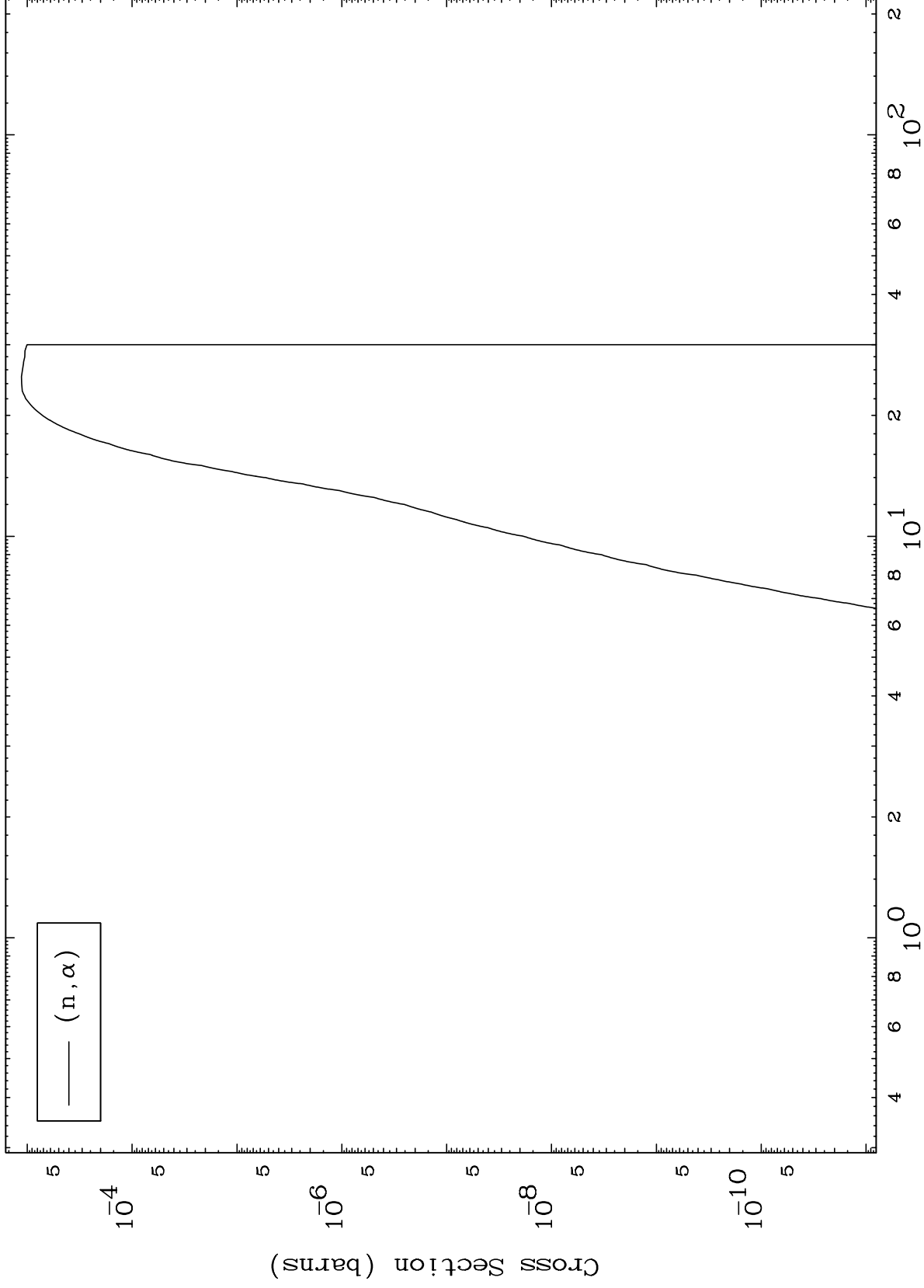
Incident Energy (MeV)

50-Sn-122

MAT 5055

(n, α) Levels
293 Kelvin Cross Sections

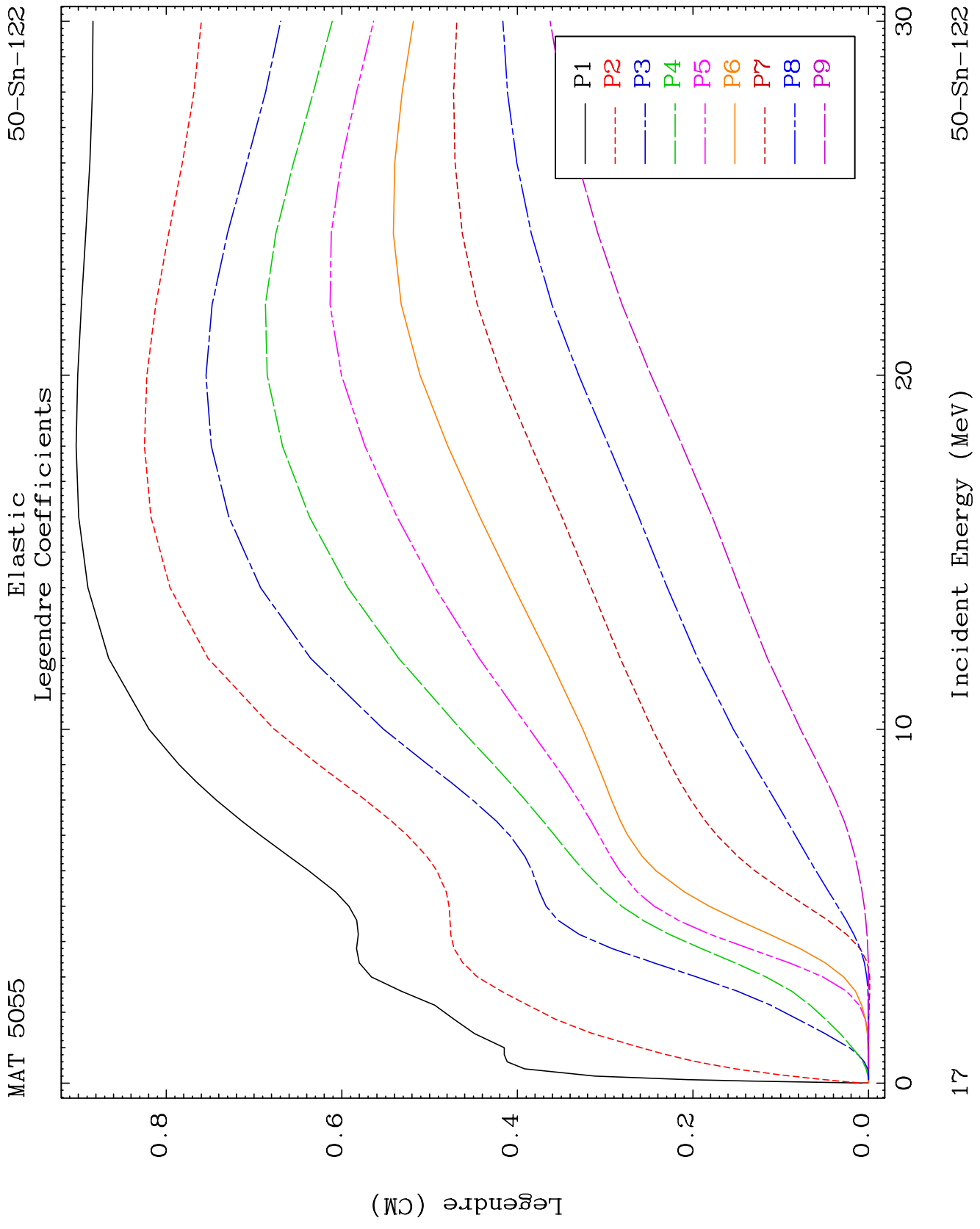
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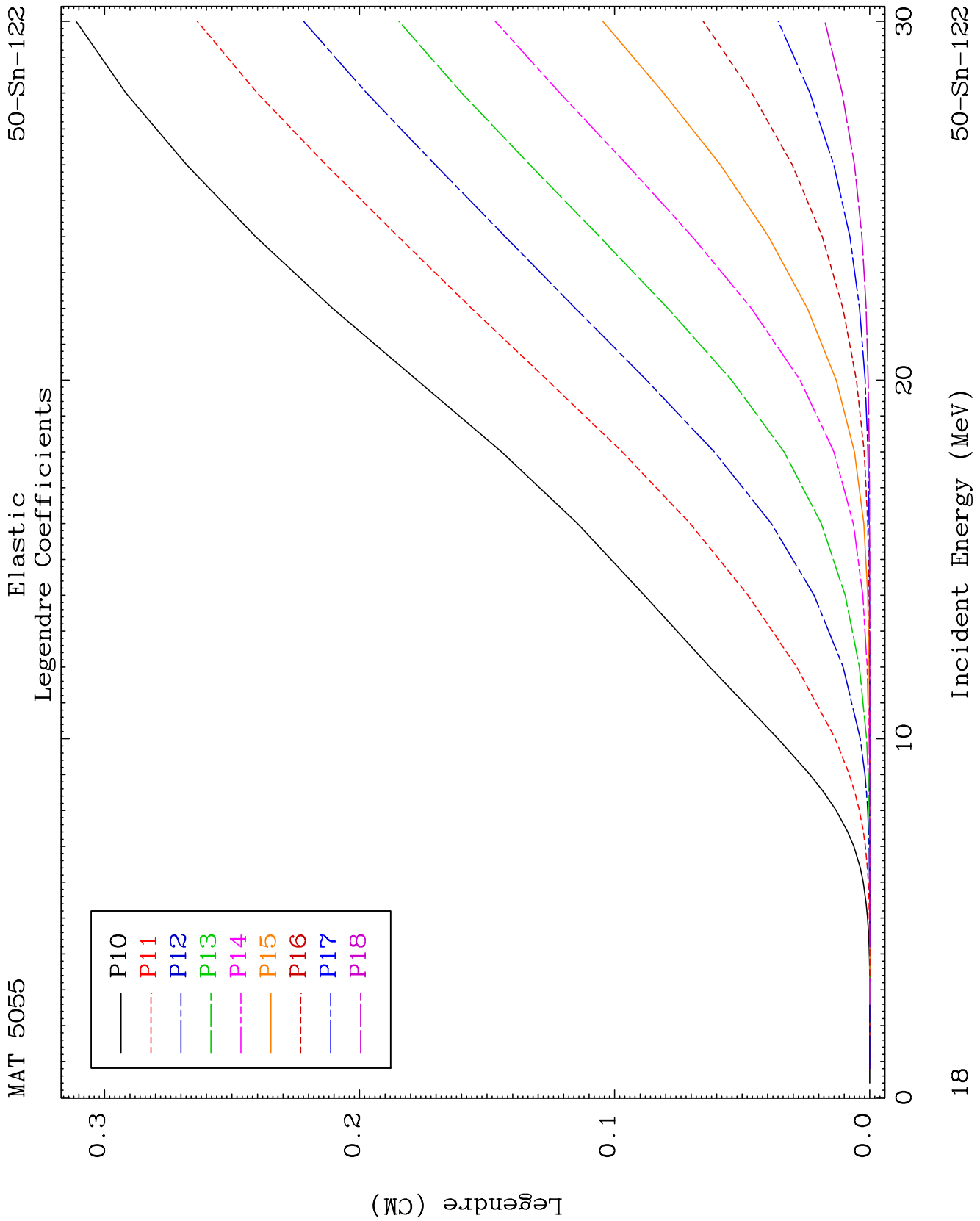


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Incident Energy (MeV)

50-Sn-122

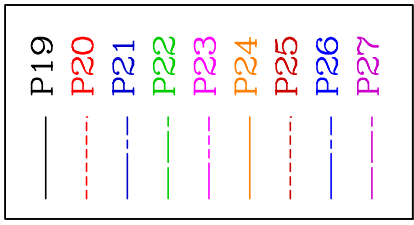
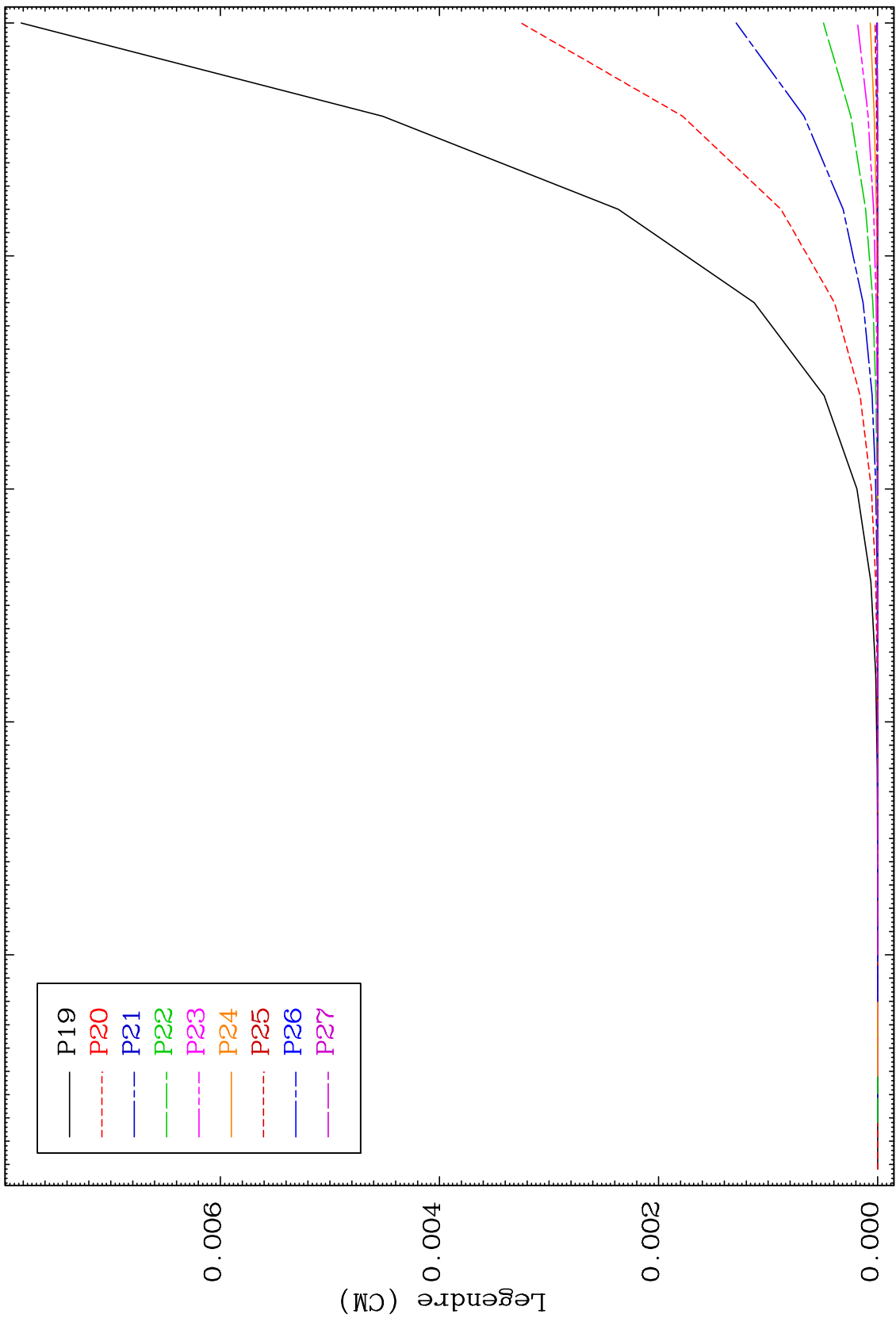




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Elastic Legendre Coefficients

50-Sn-122

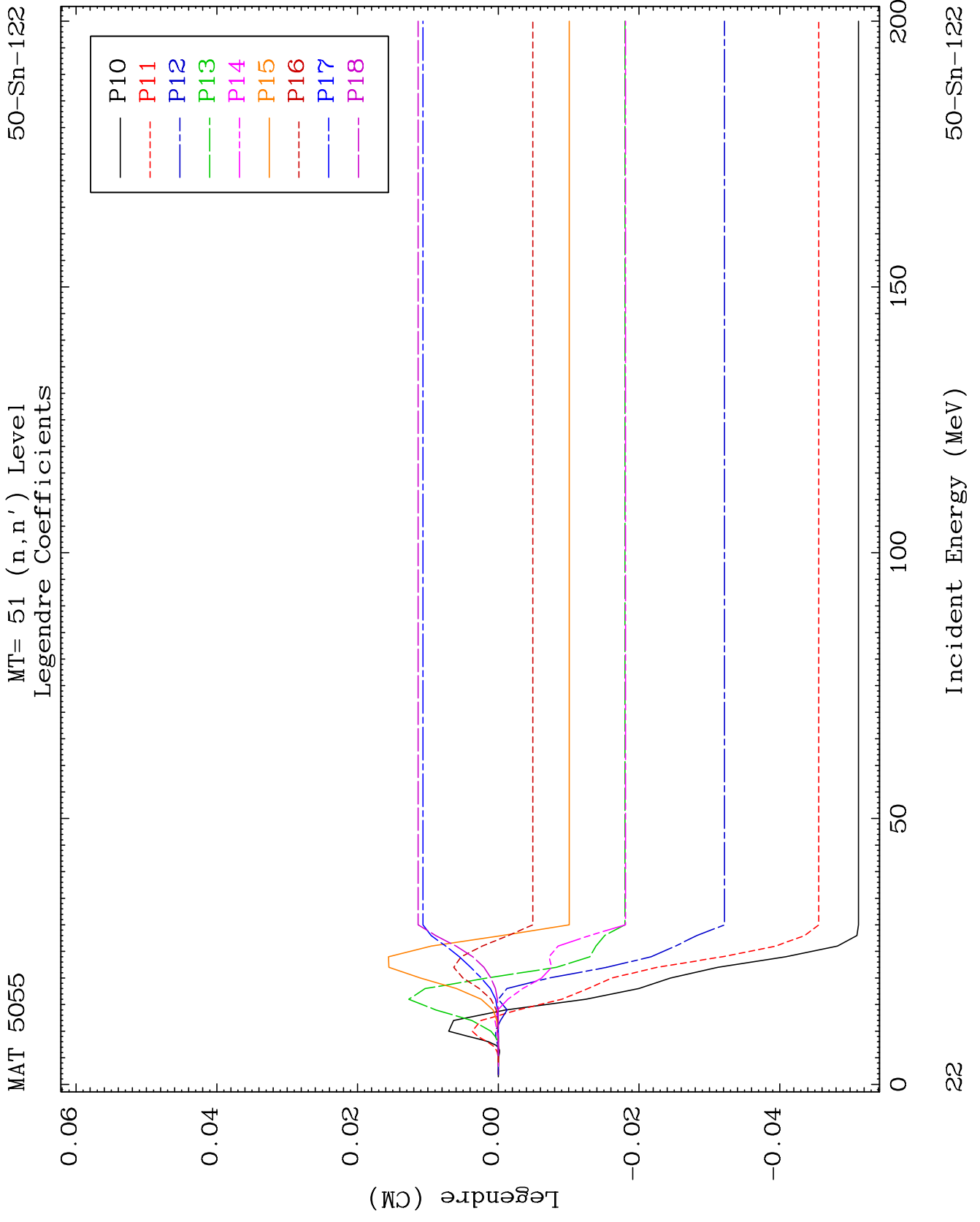


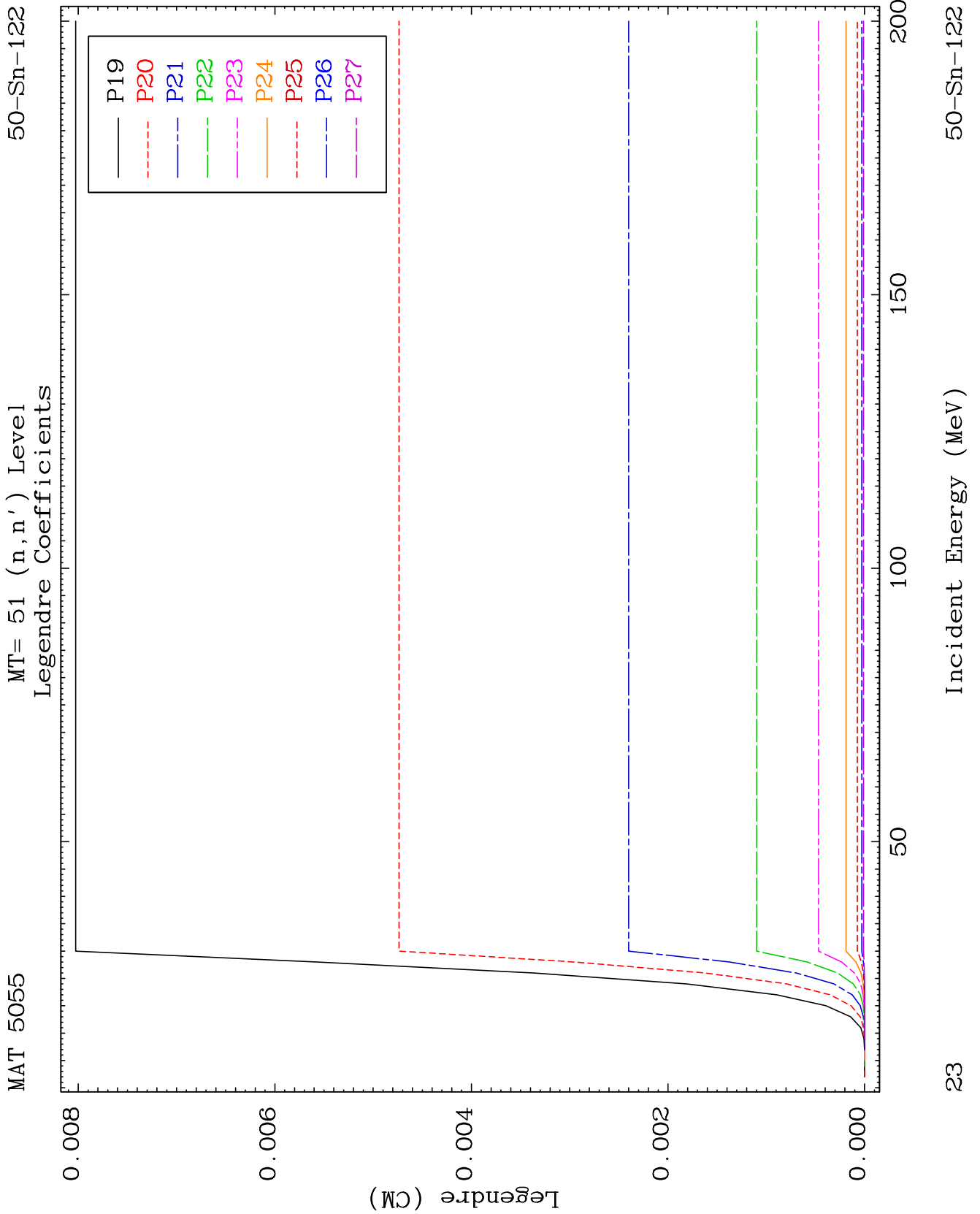
Legendre (CM)

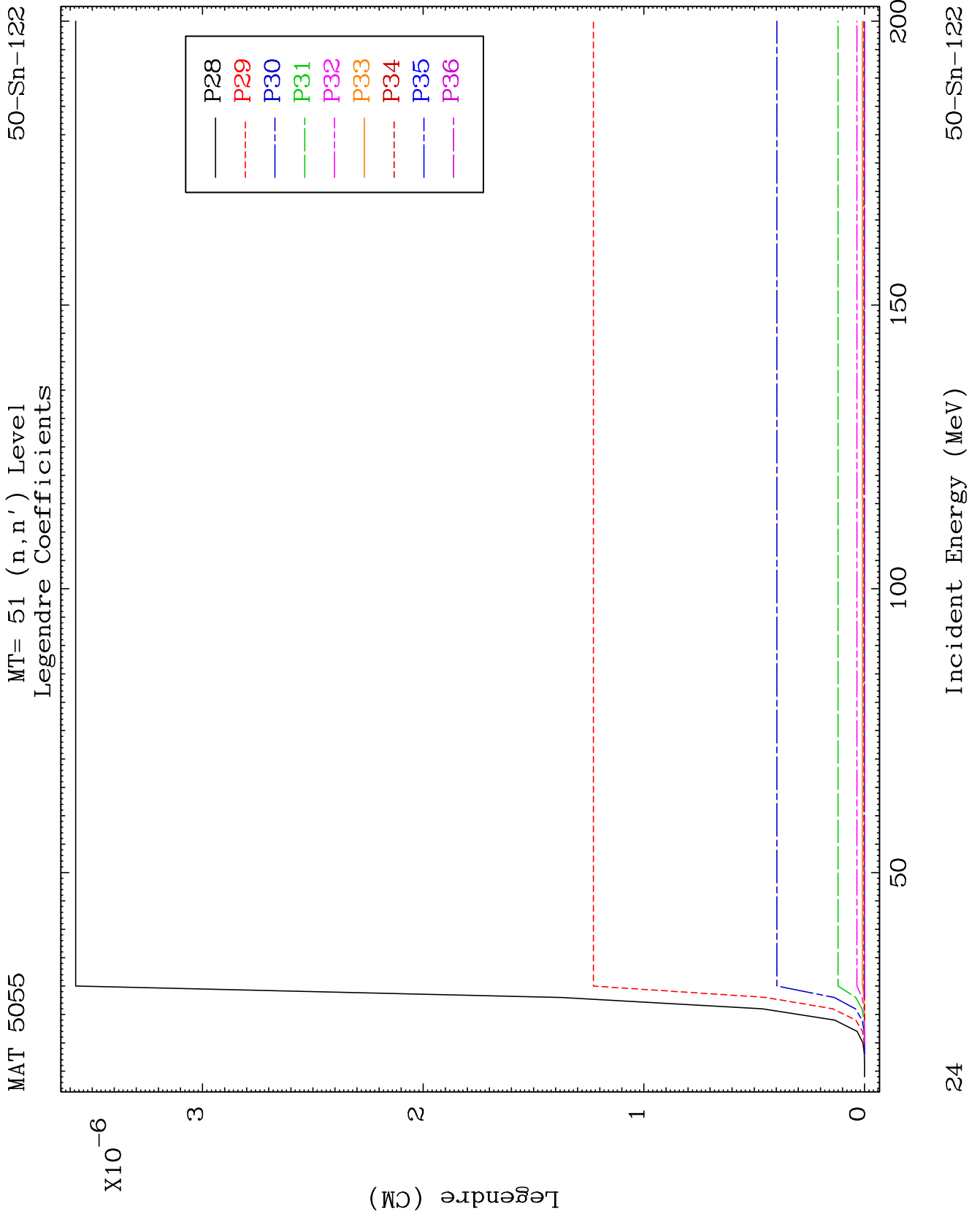
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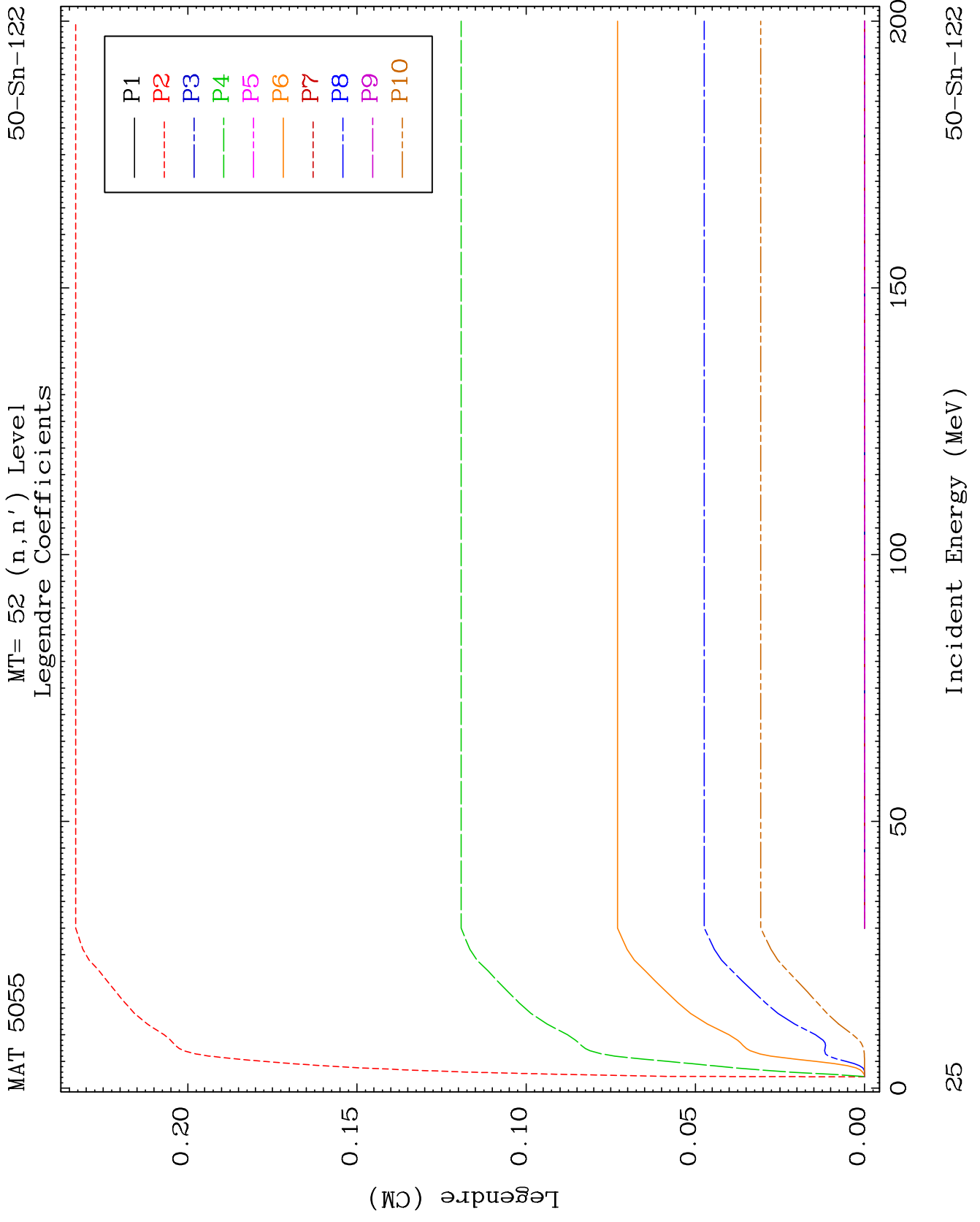
Incident Energy (MeV)

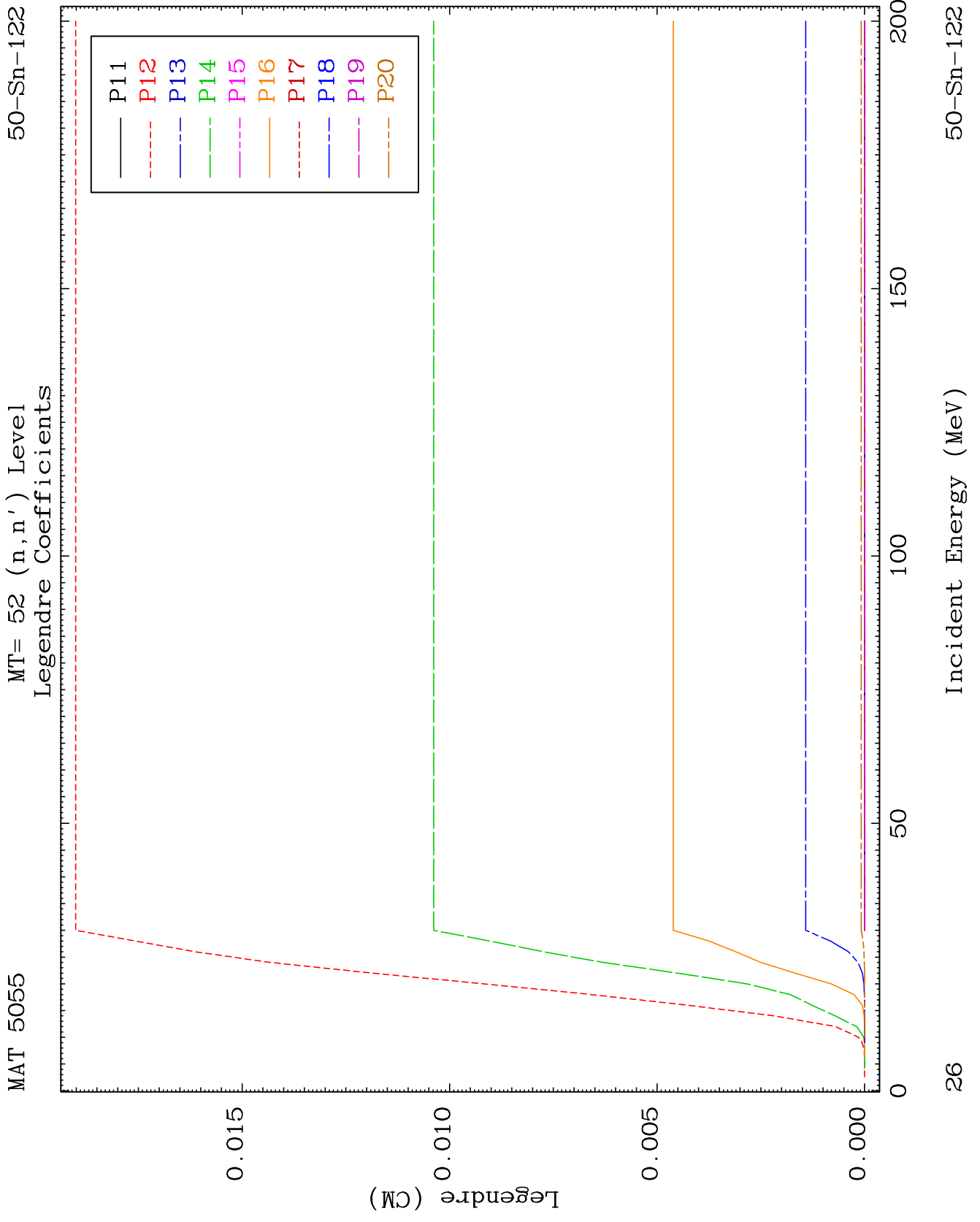
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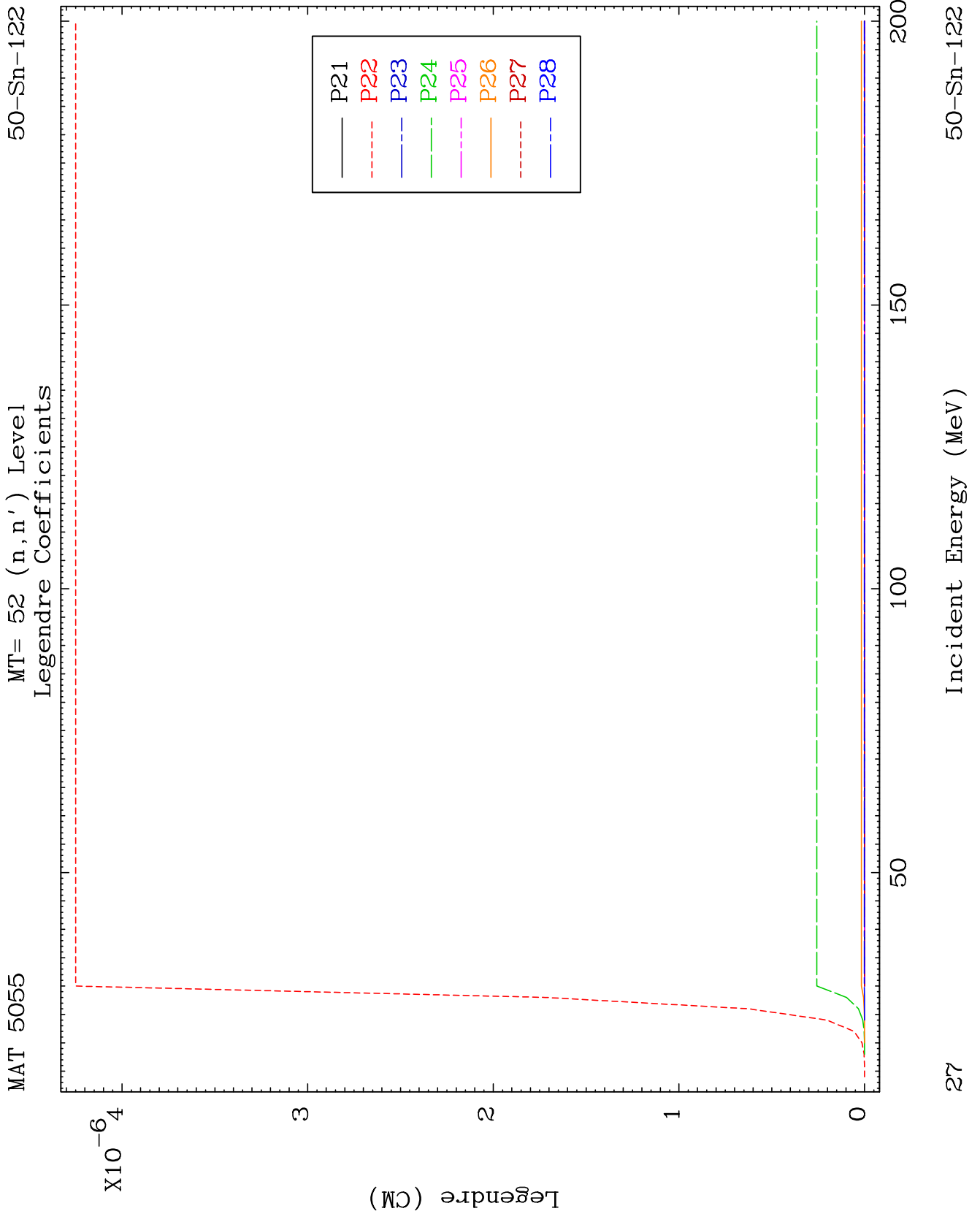


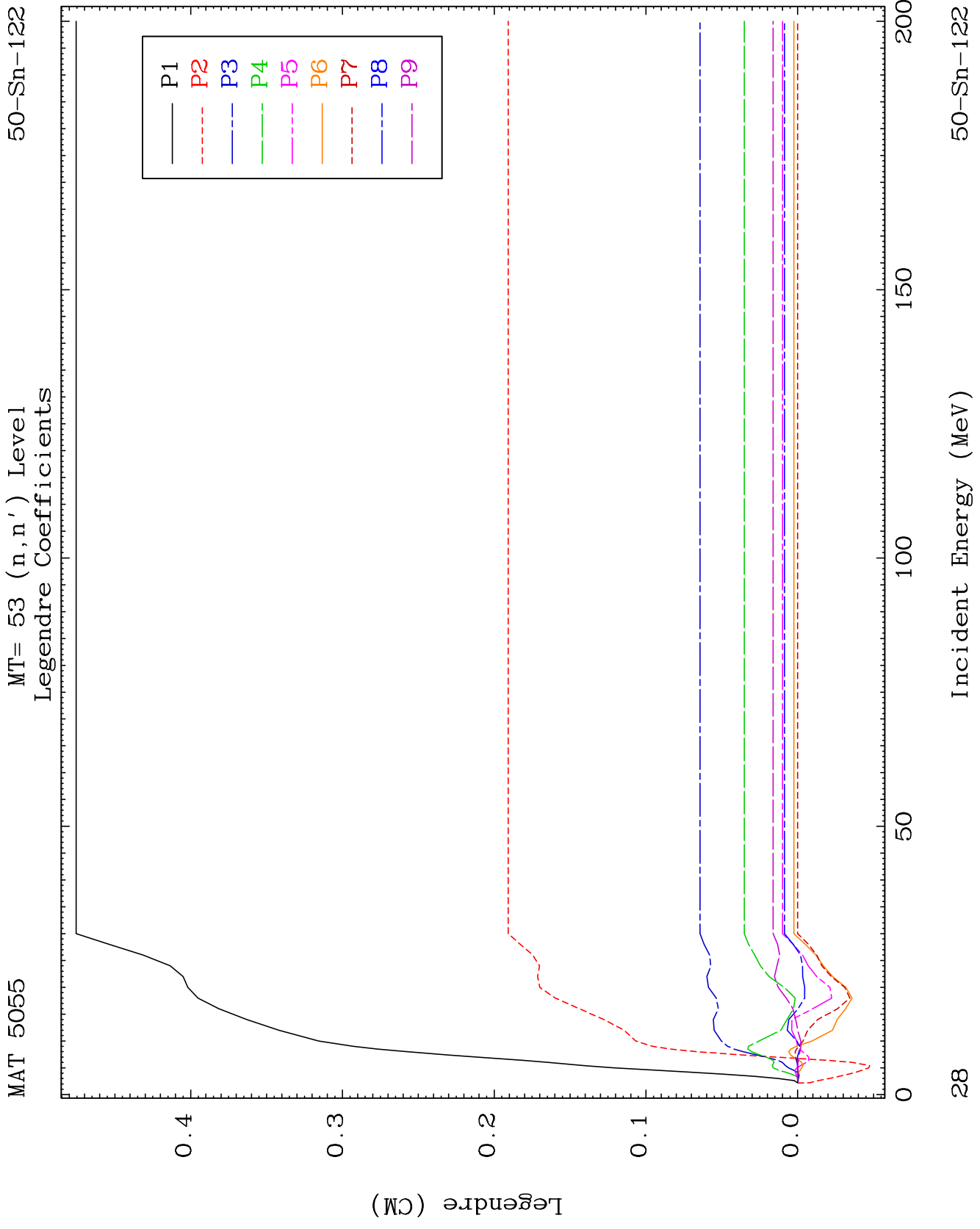








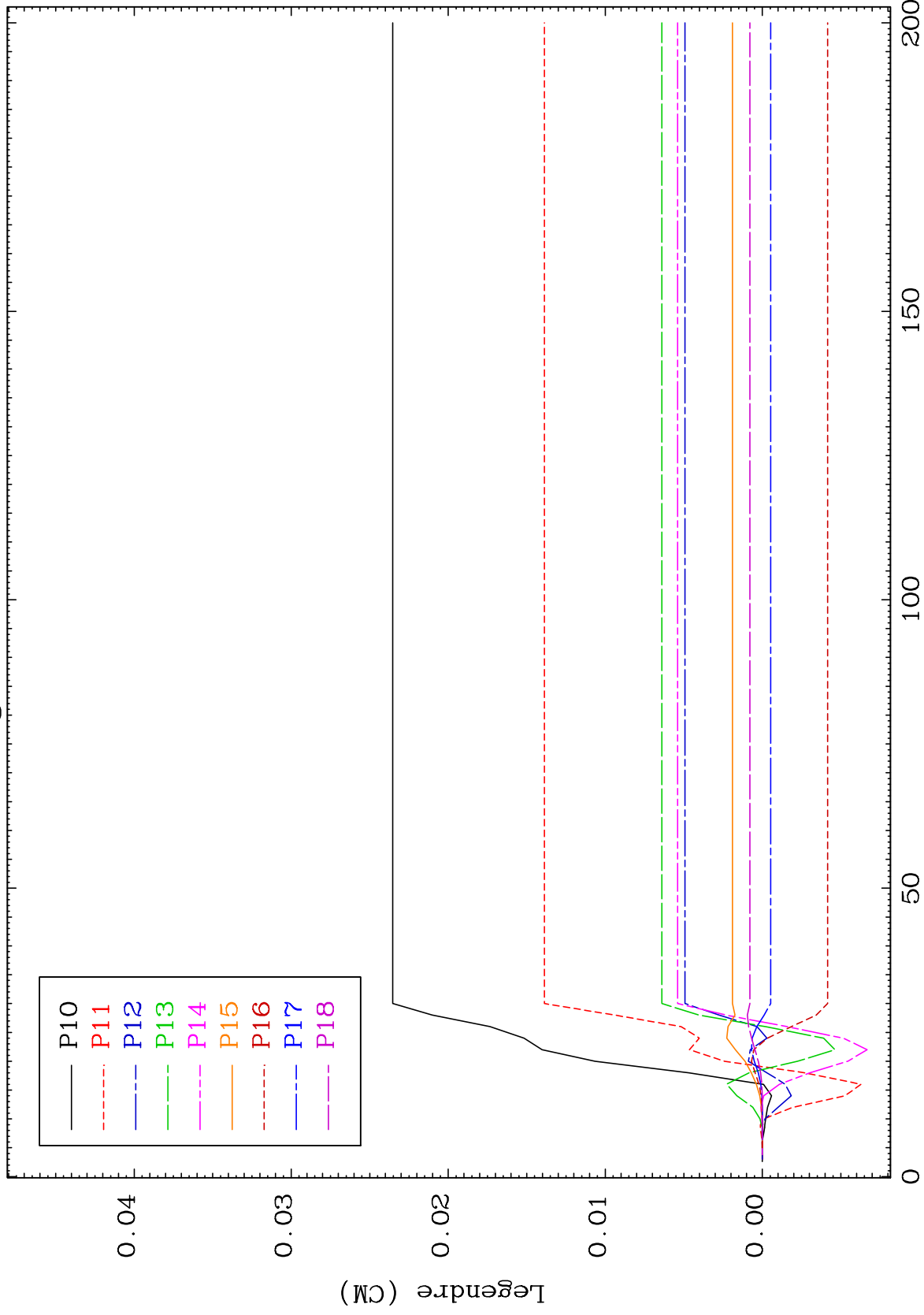




MAT 5055

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

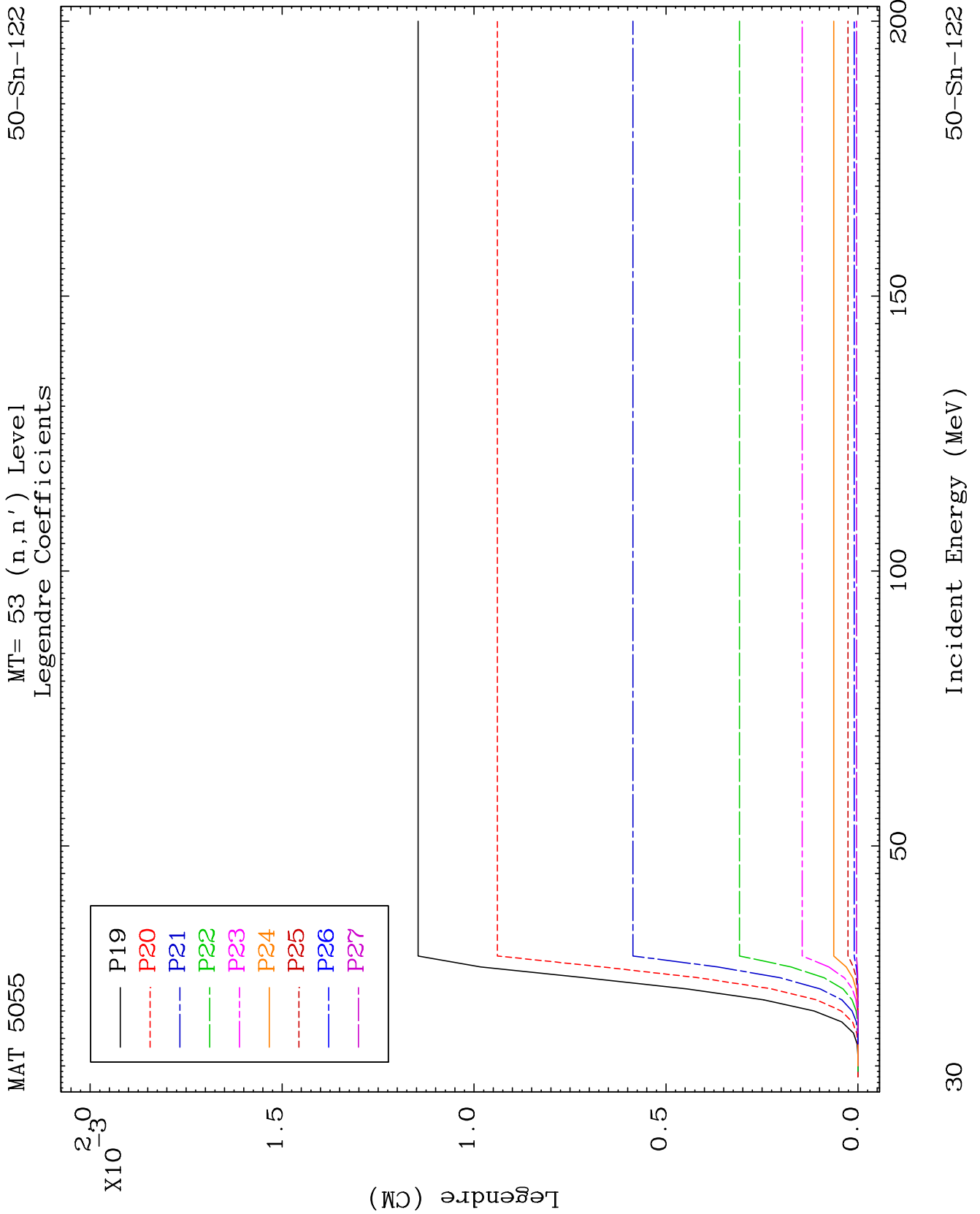
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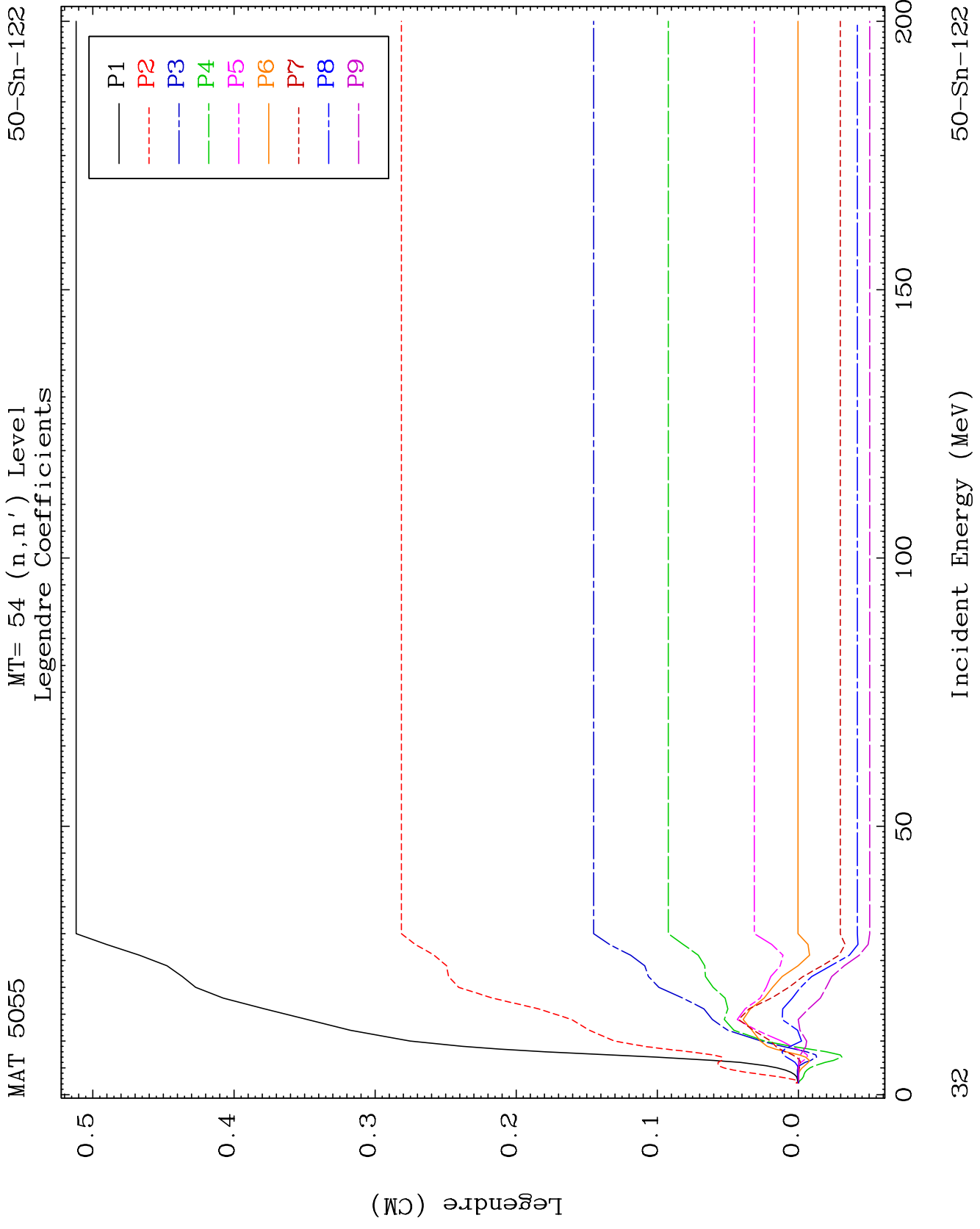


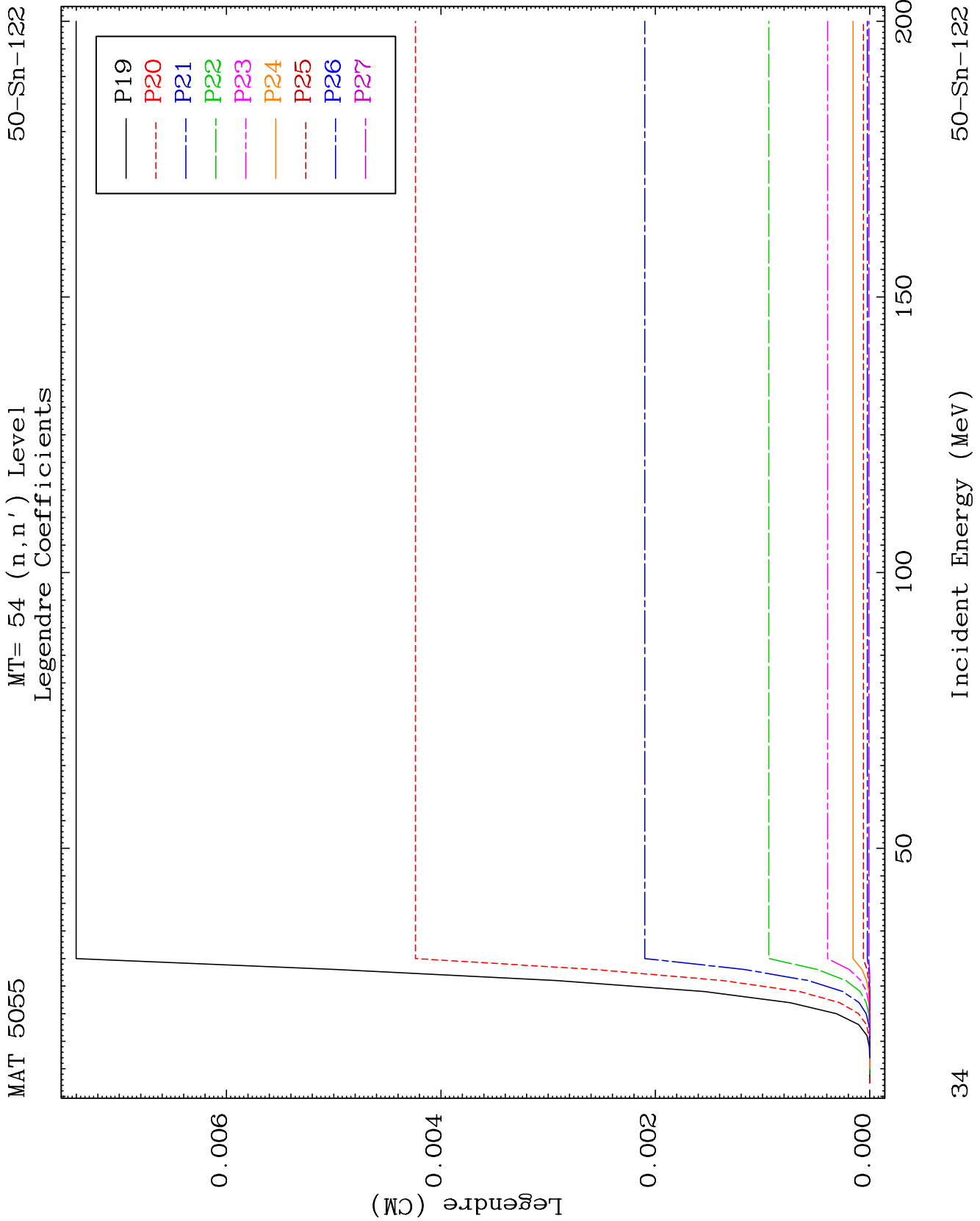
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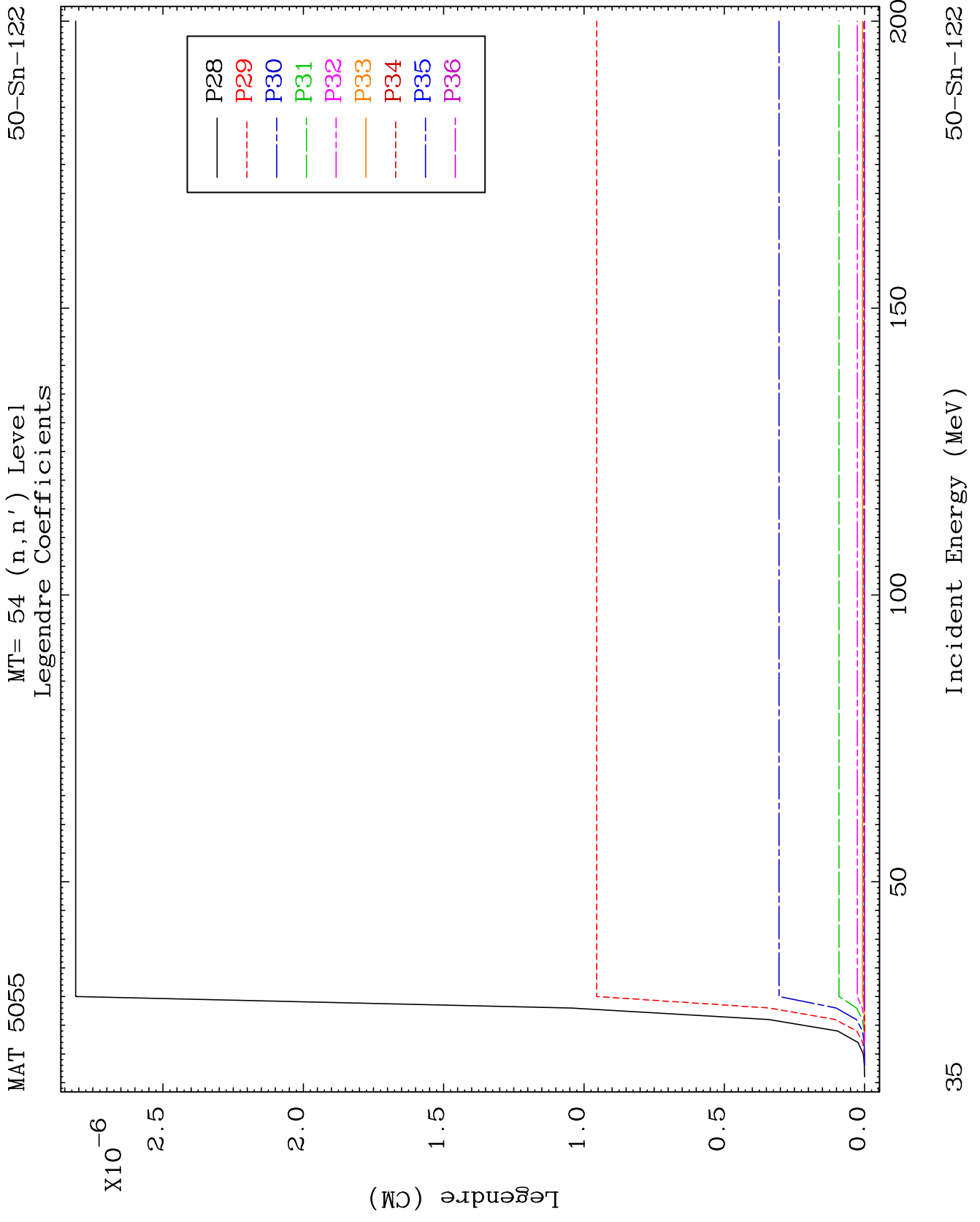
Incident Energy (MeV)

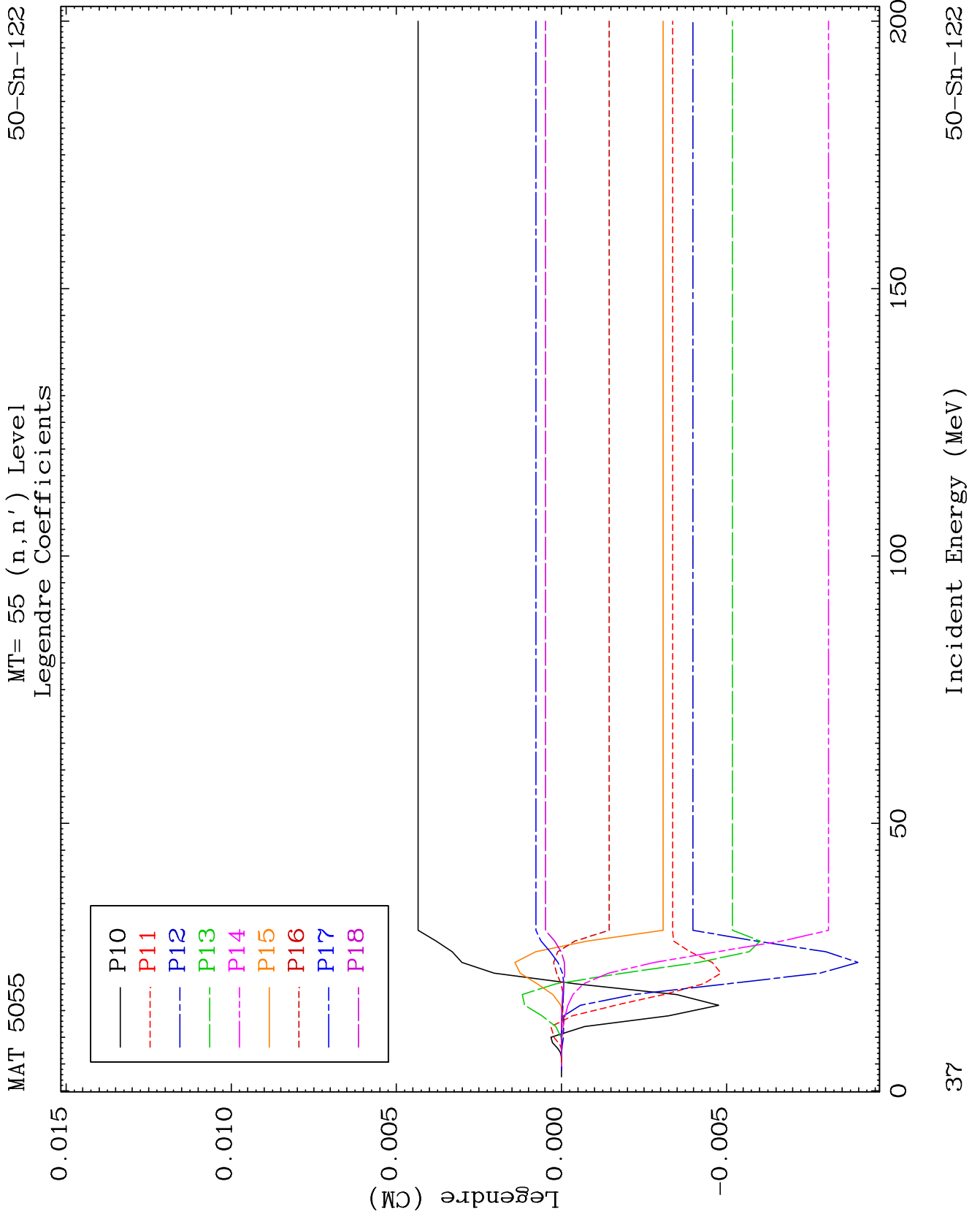
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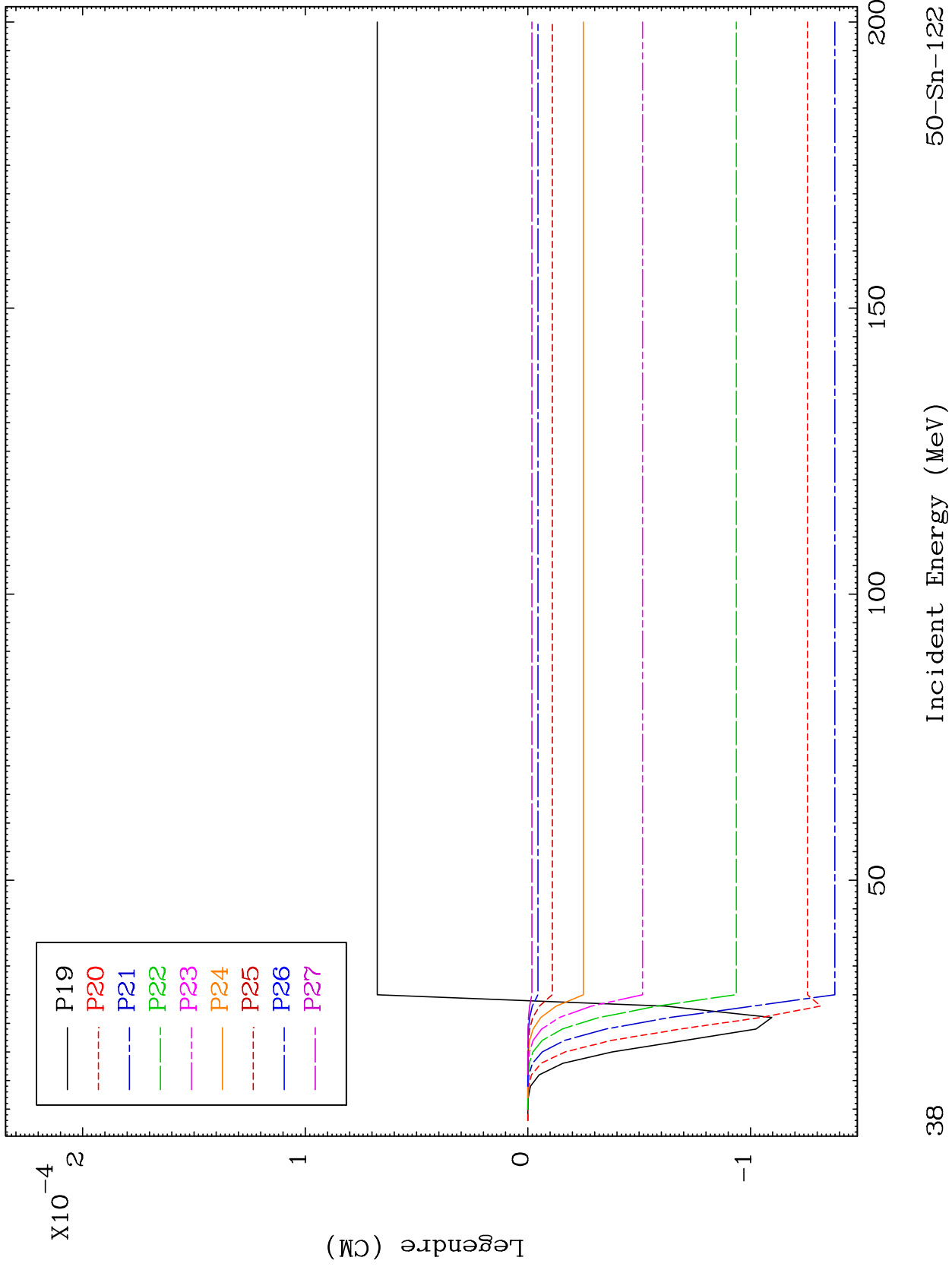


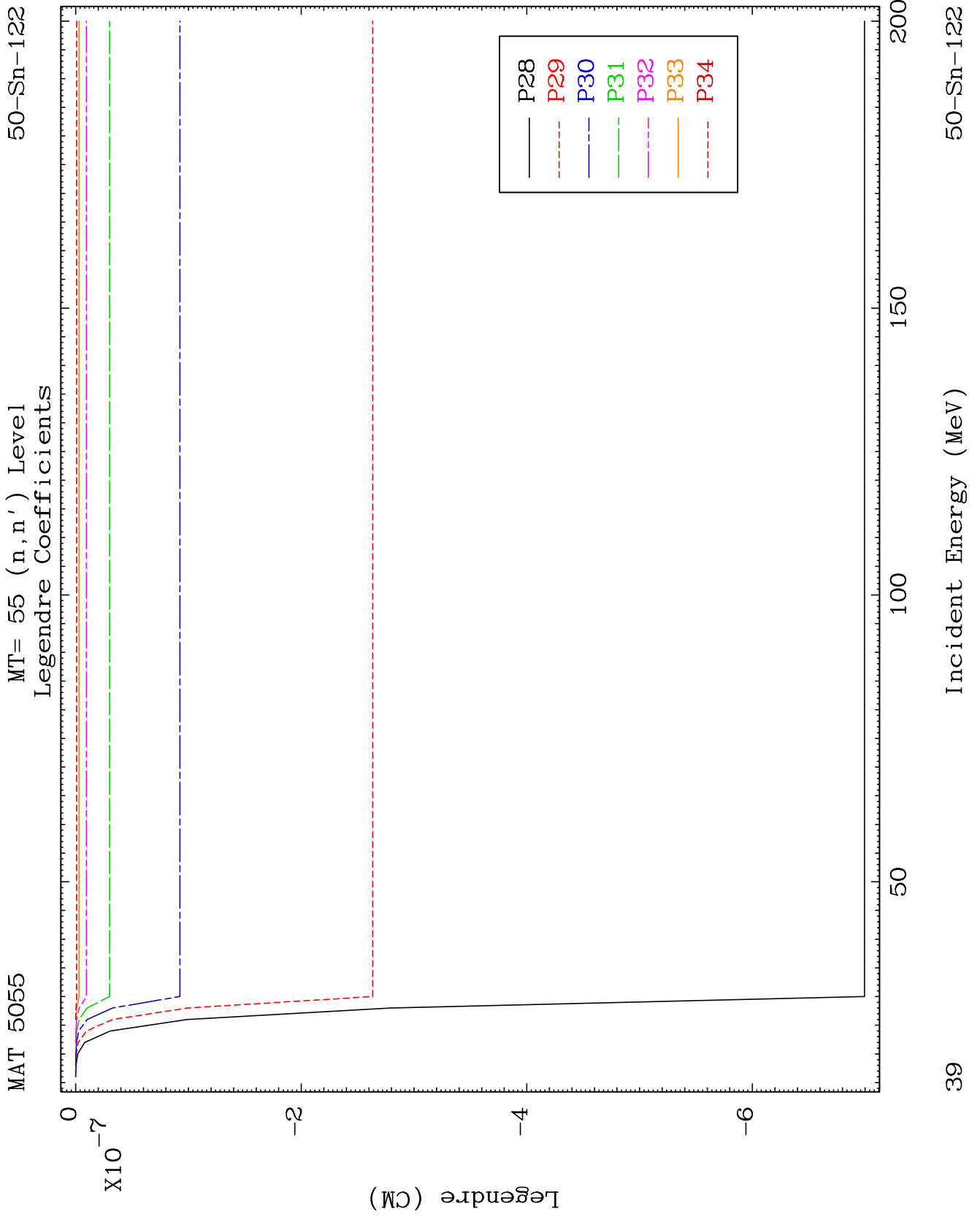


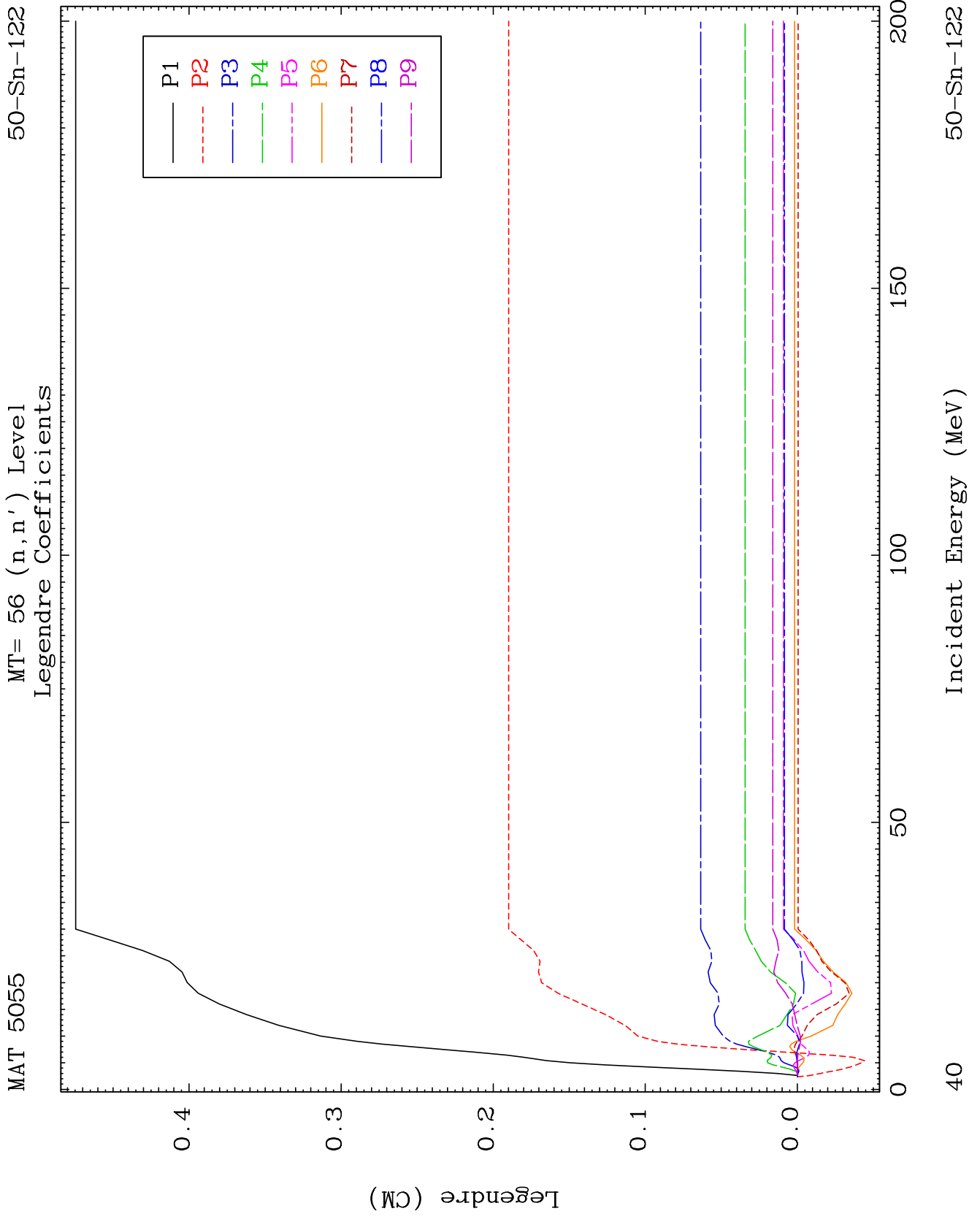
MAT 5055

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

50-Sn-122



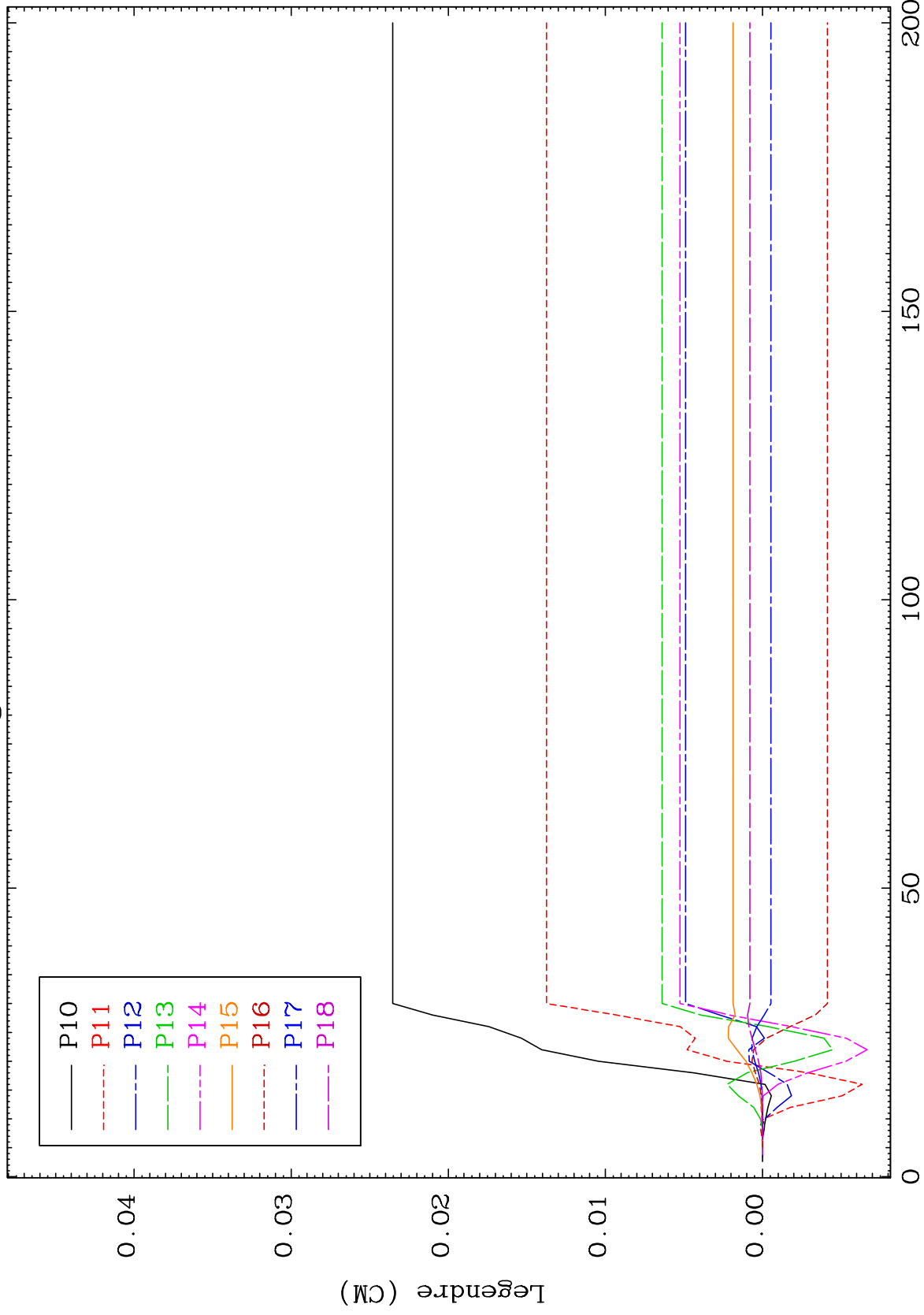




MAT 5055

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

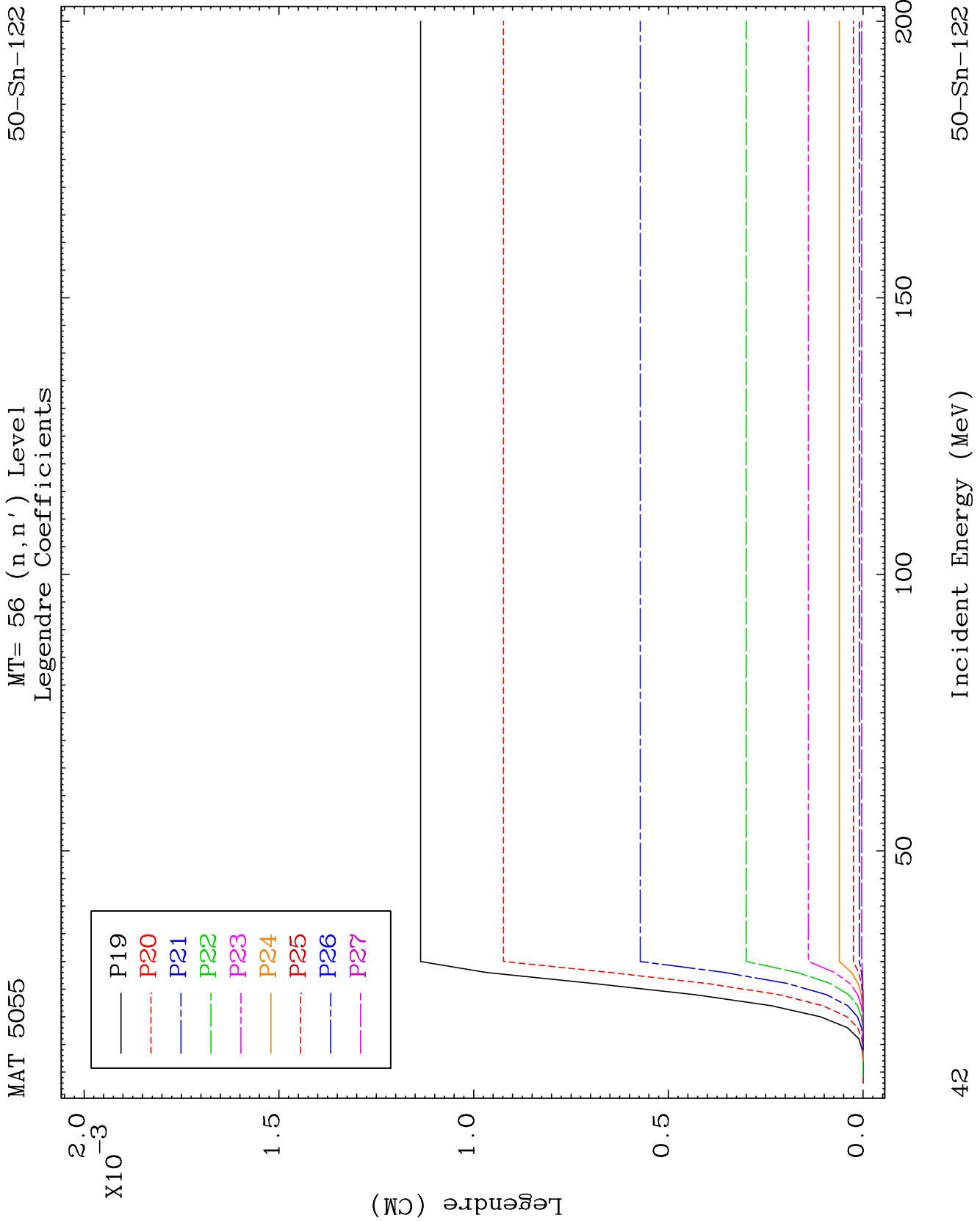
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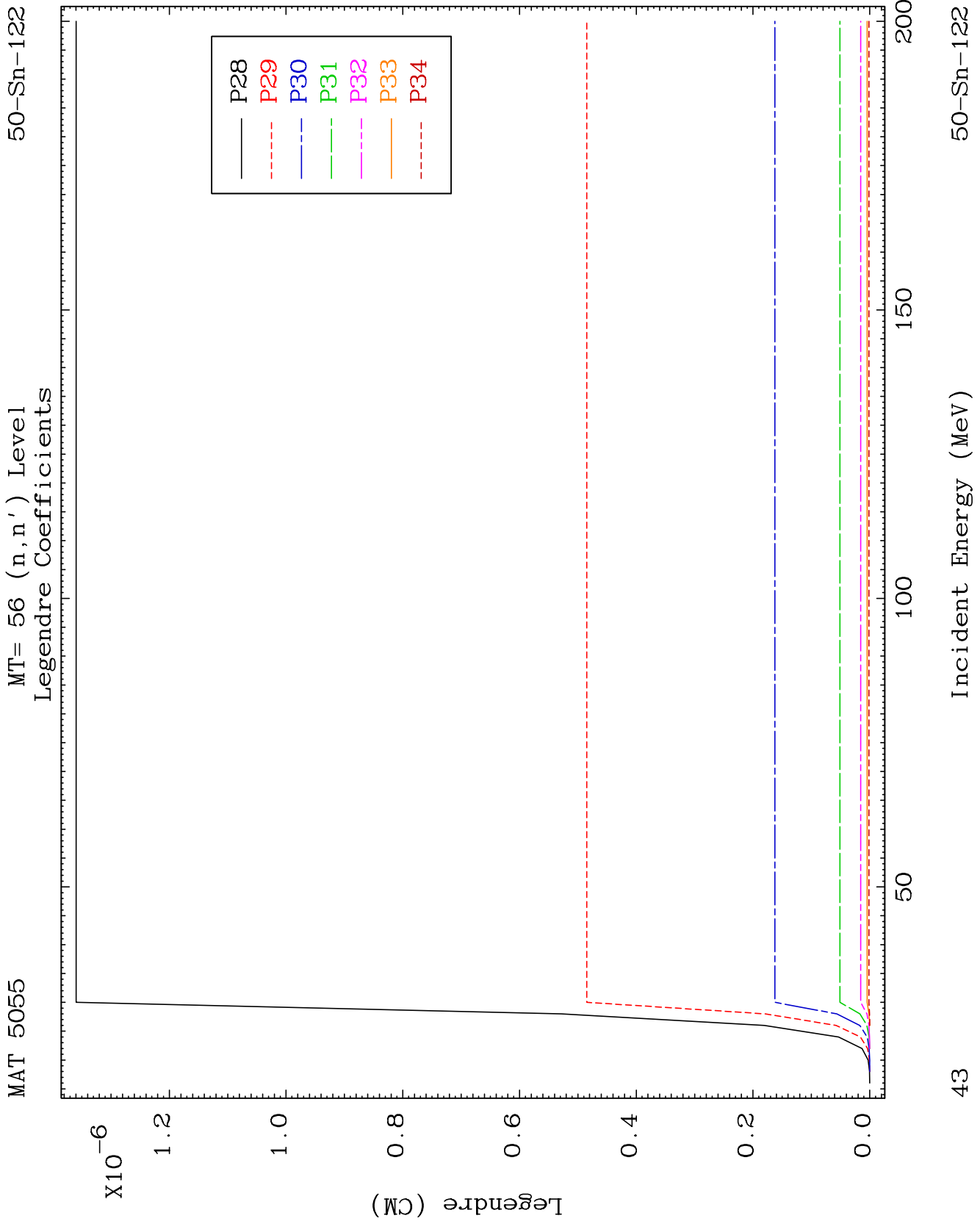


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Incident Energy (MeV)

50-Sn-122

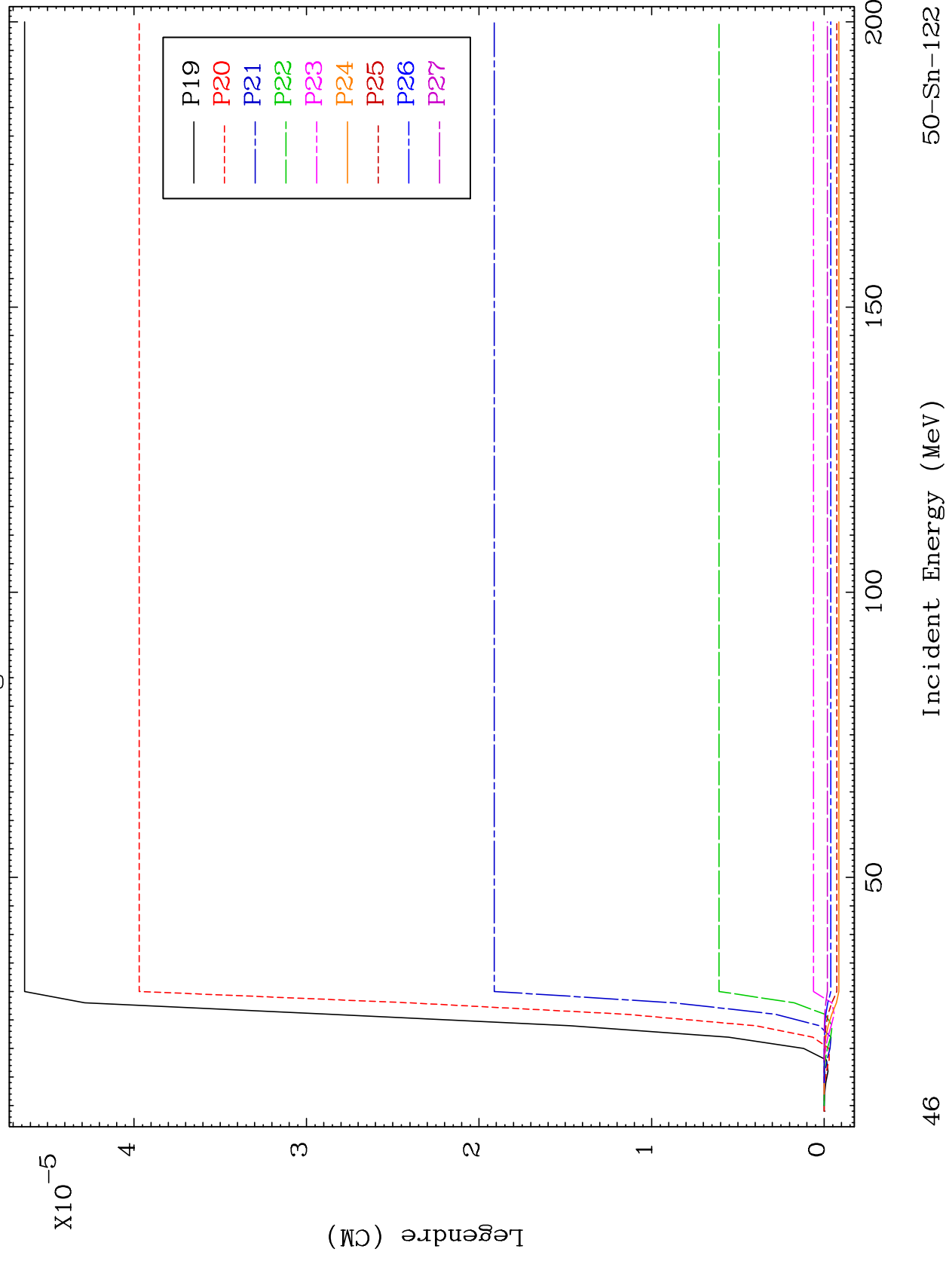




MAT 5055

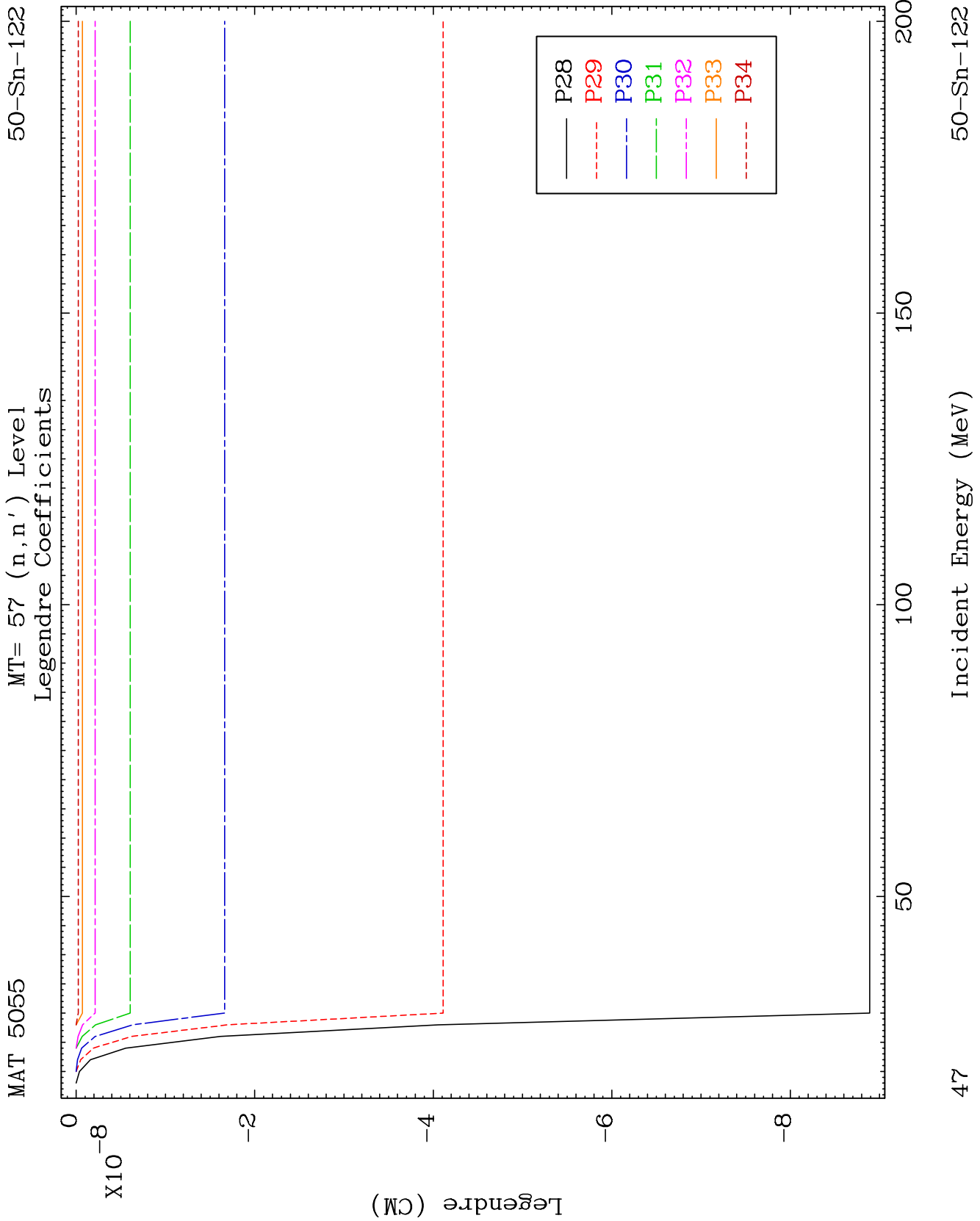
MT= 57 (n,n') Level
Legendre Coefficients

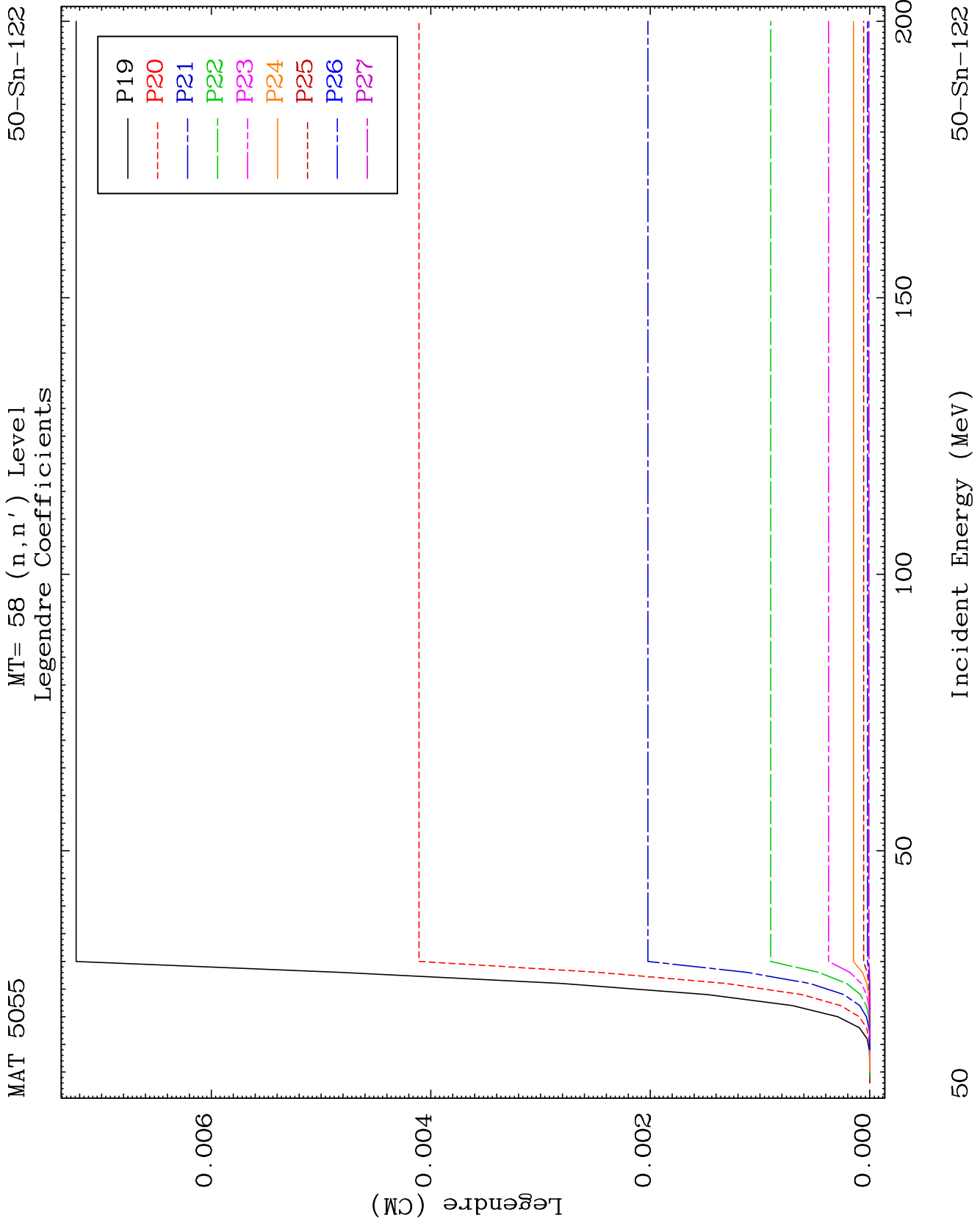
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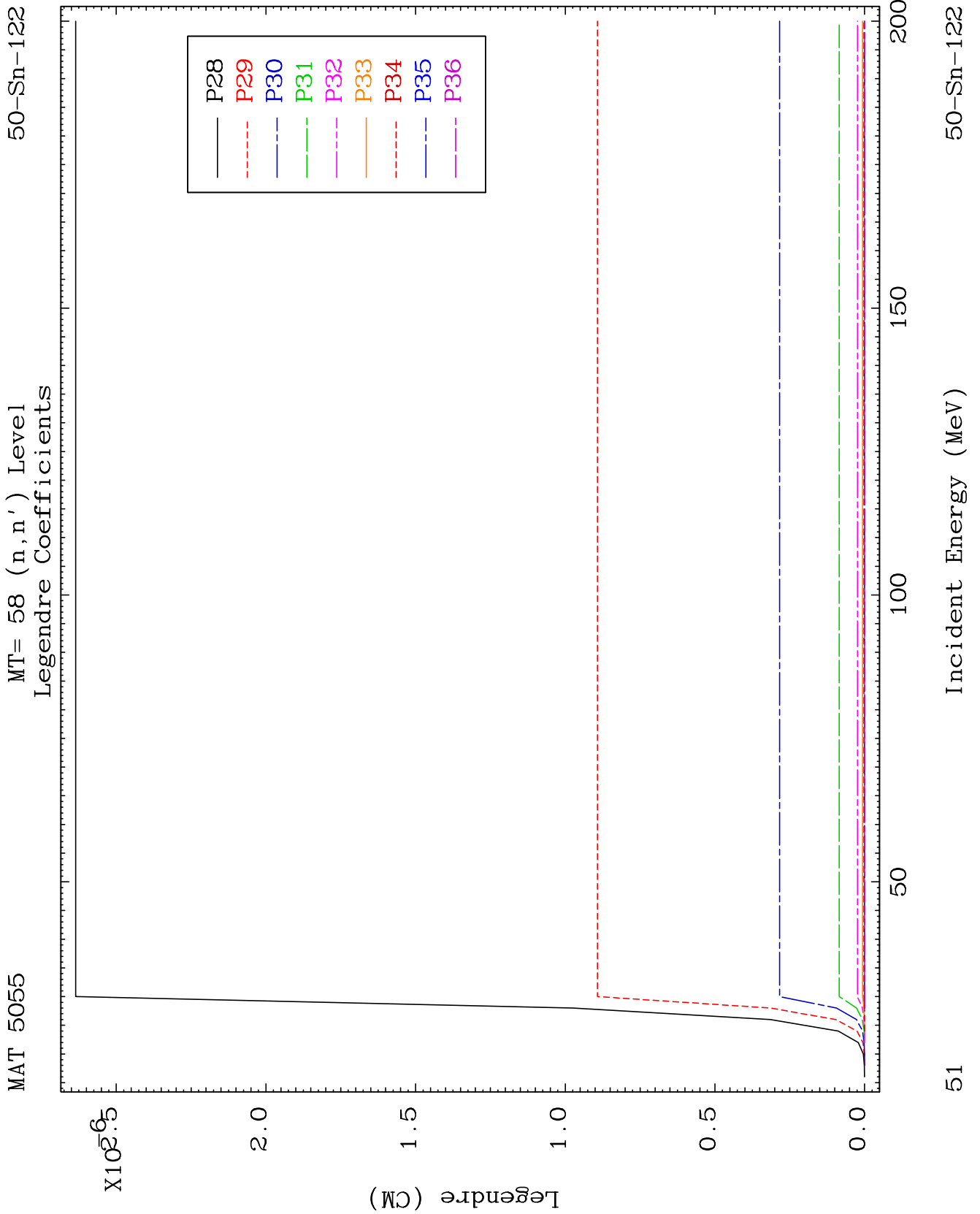


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50-Sn-122



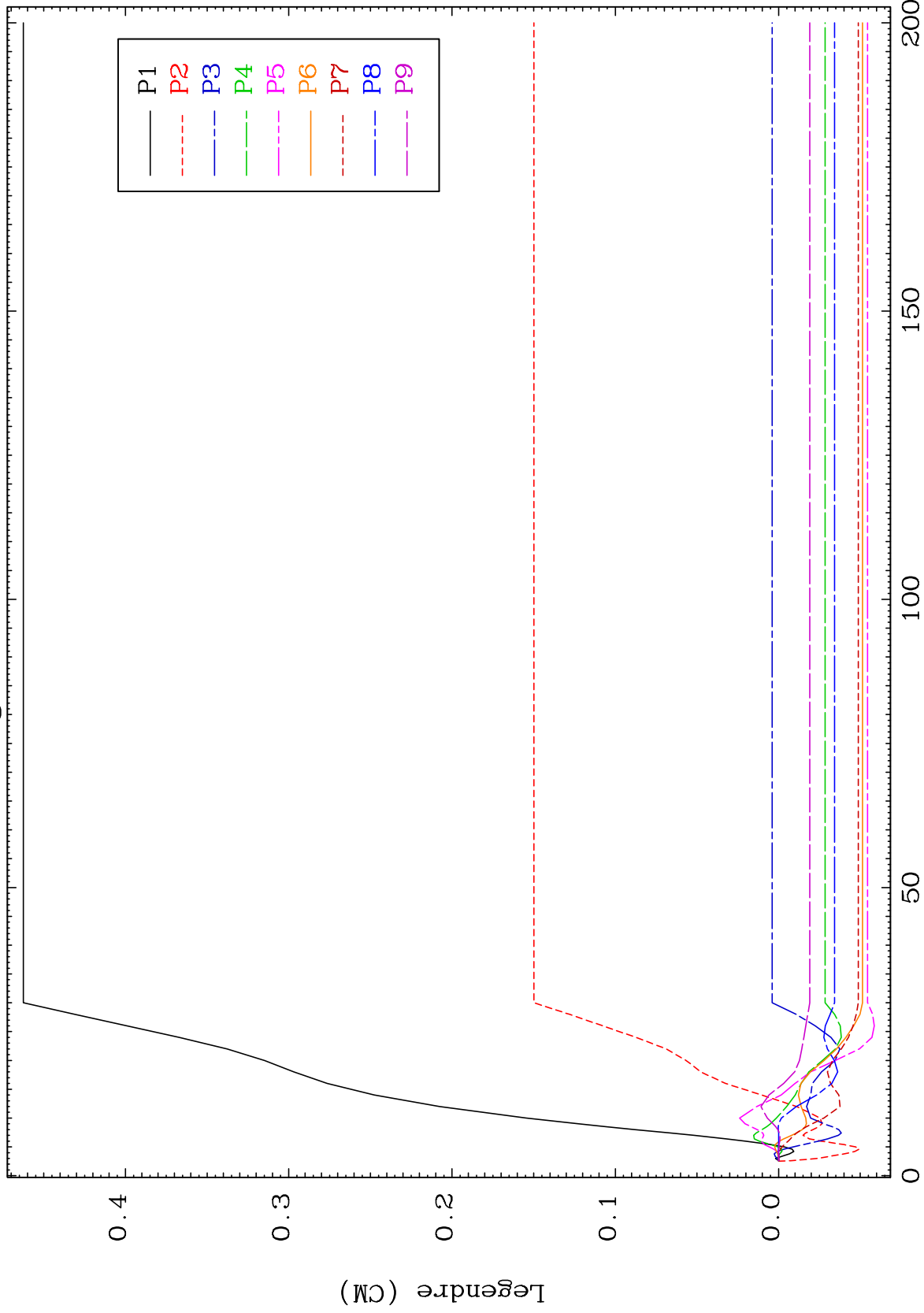




MAT 5055

MT= 59 (n,n') Level
Legendre Coefficients

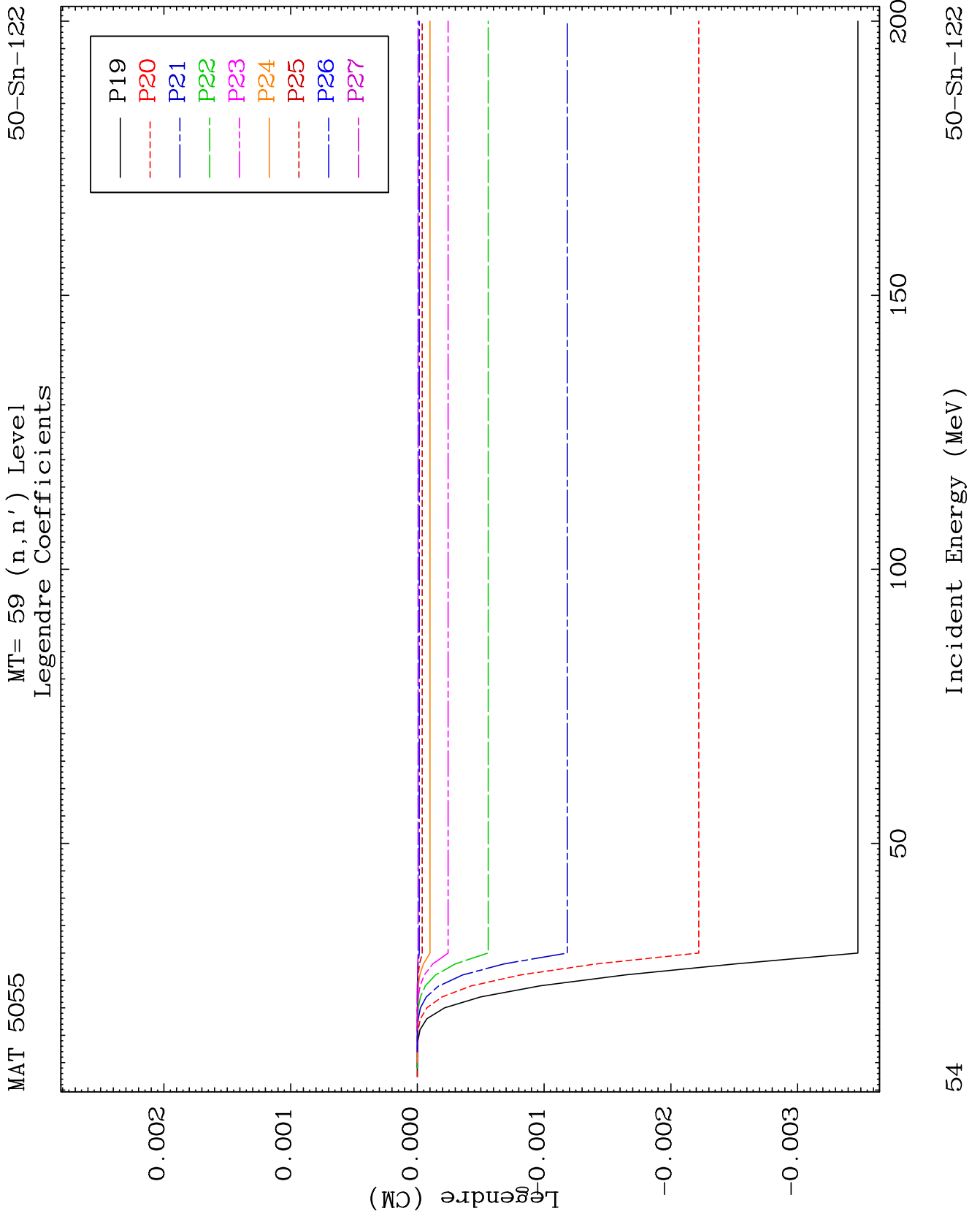
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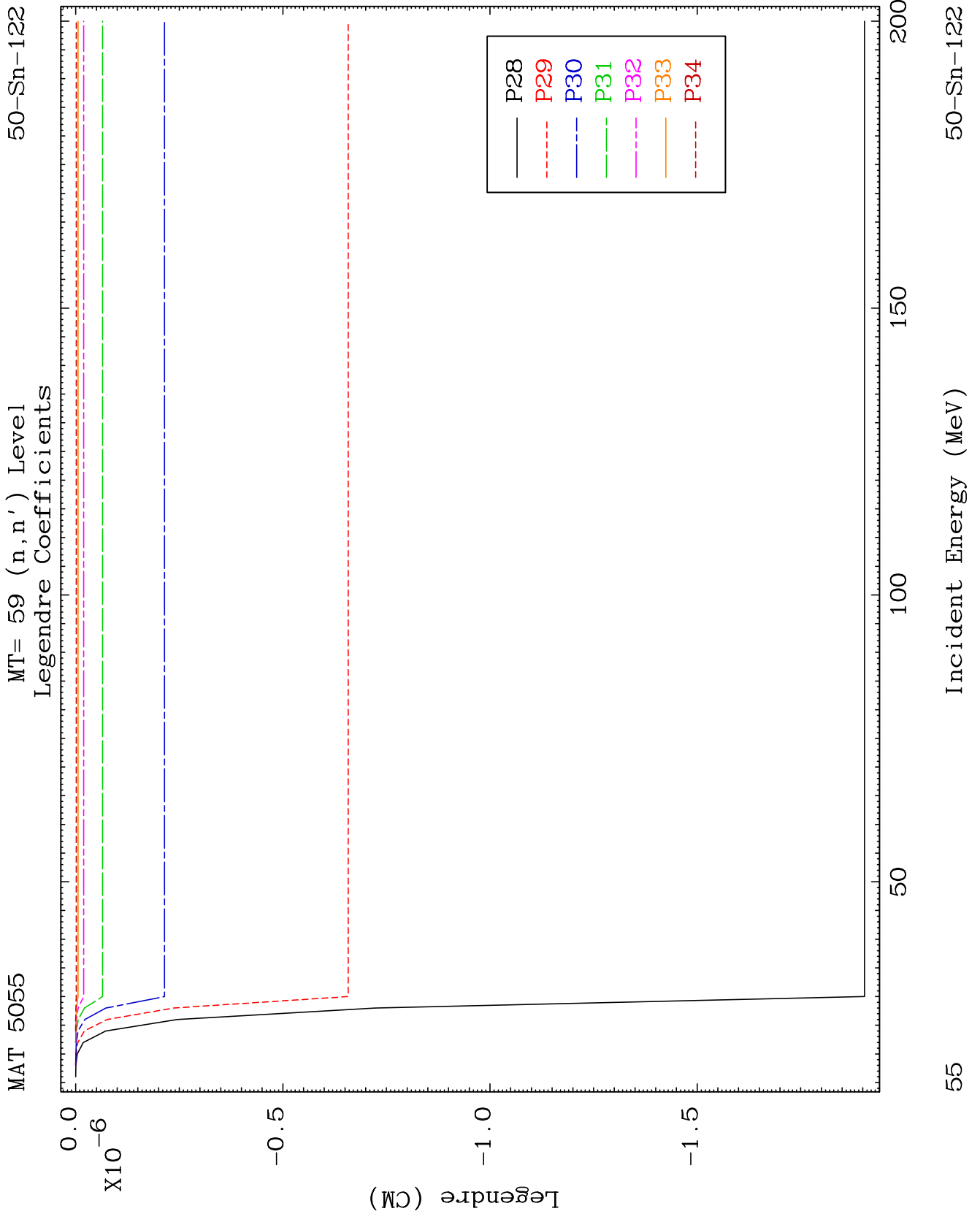


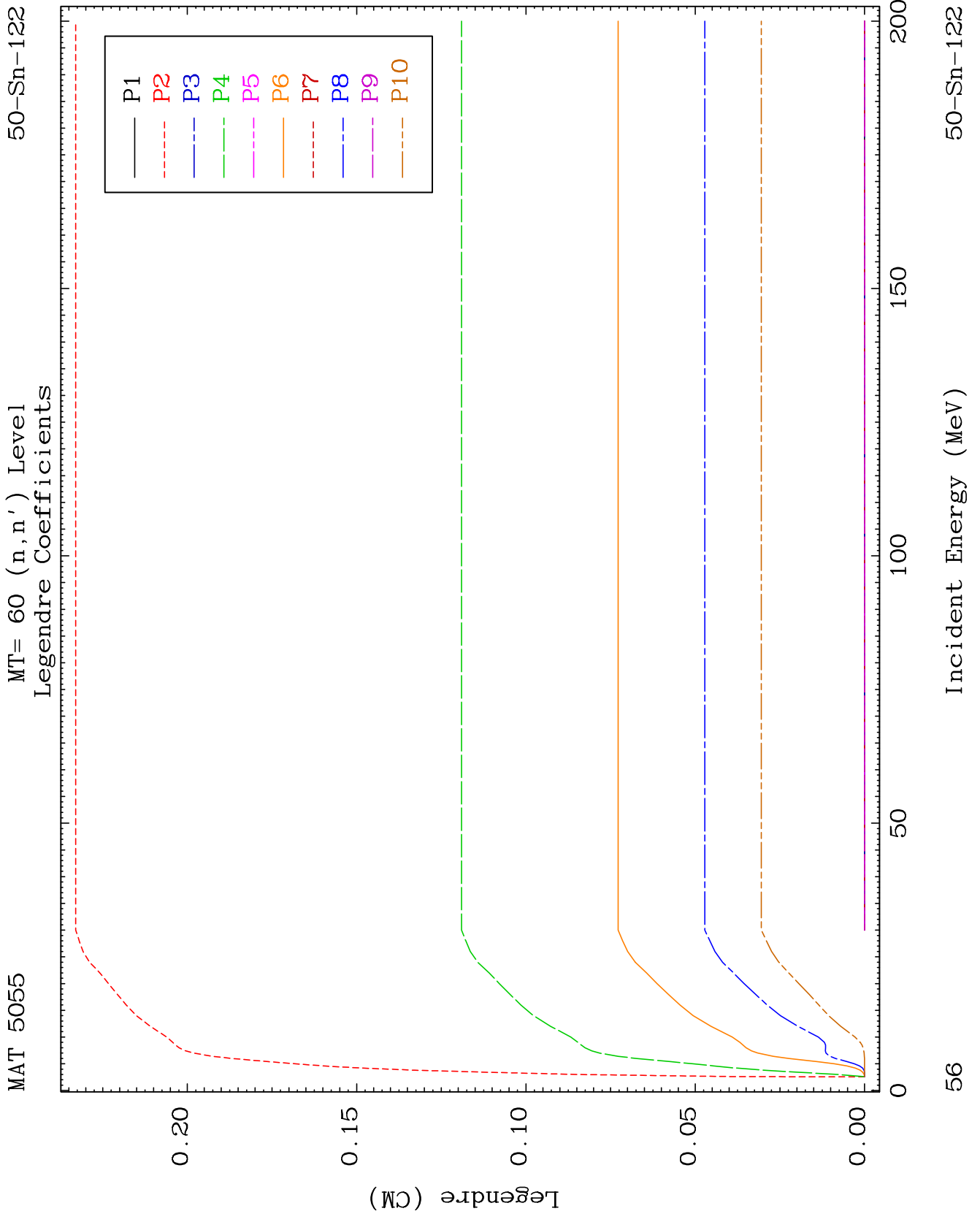
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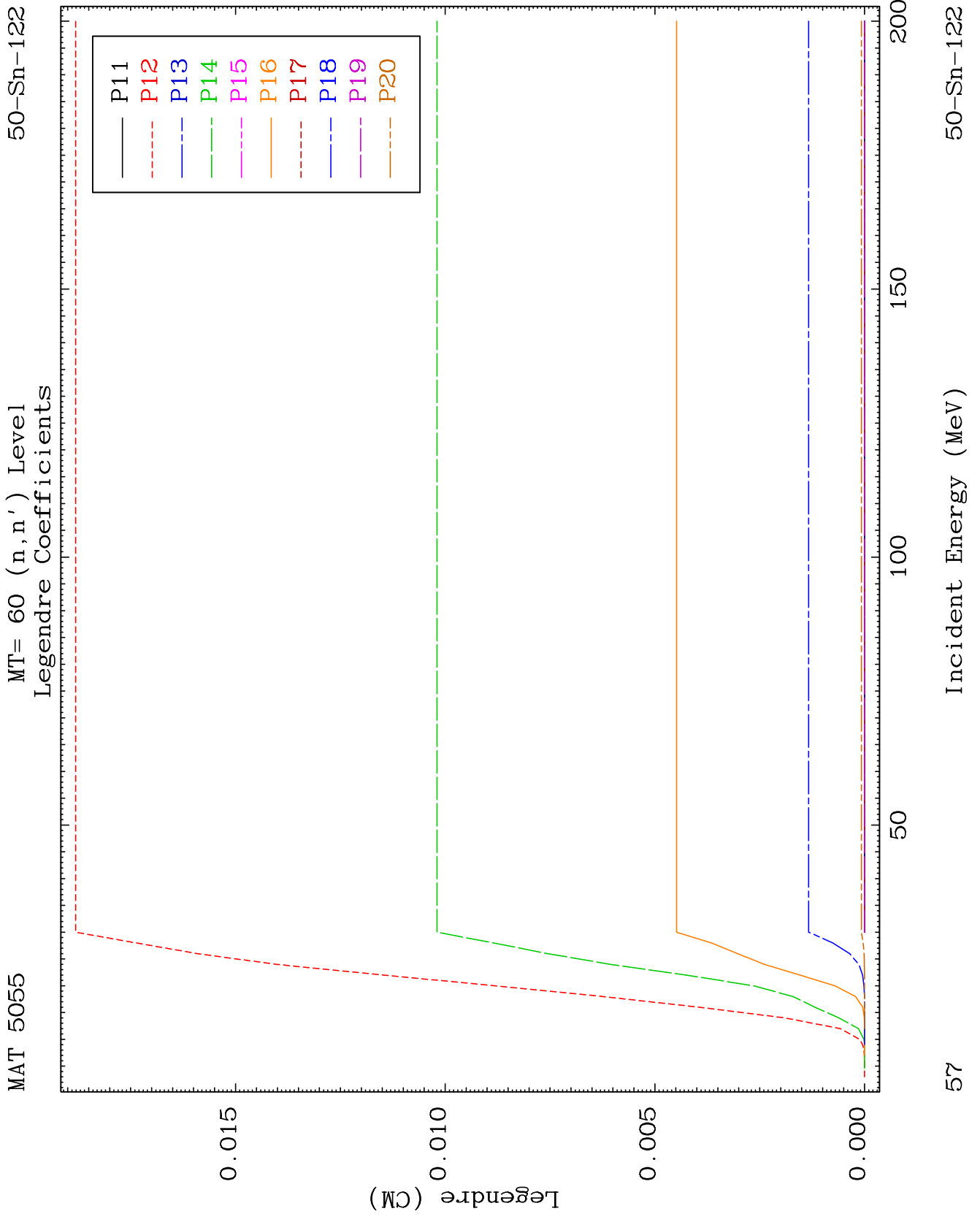
Incident Energy (MeV)

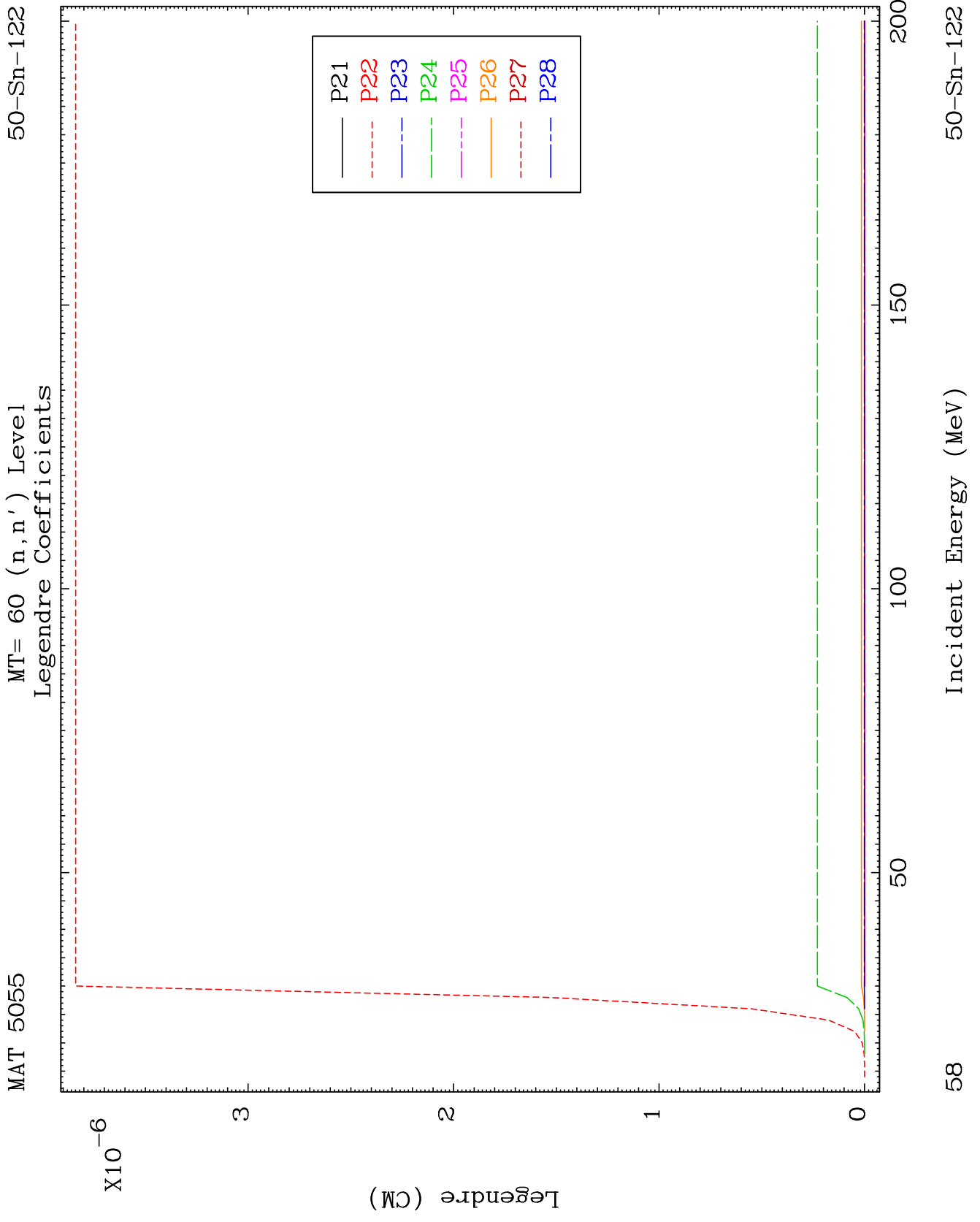
50-Sn-122

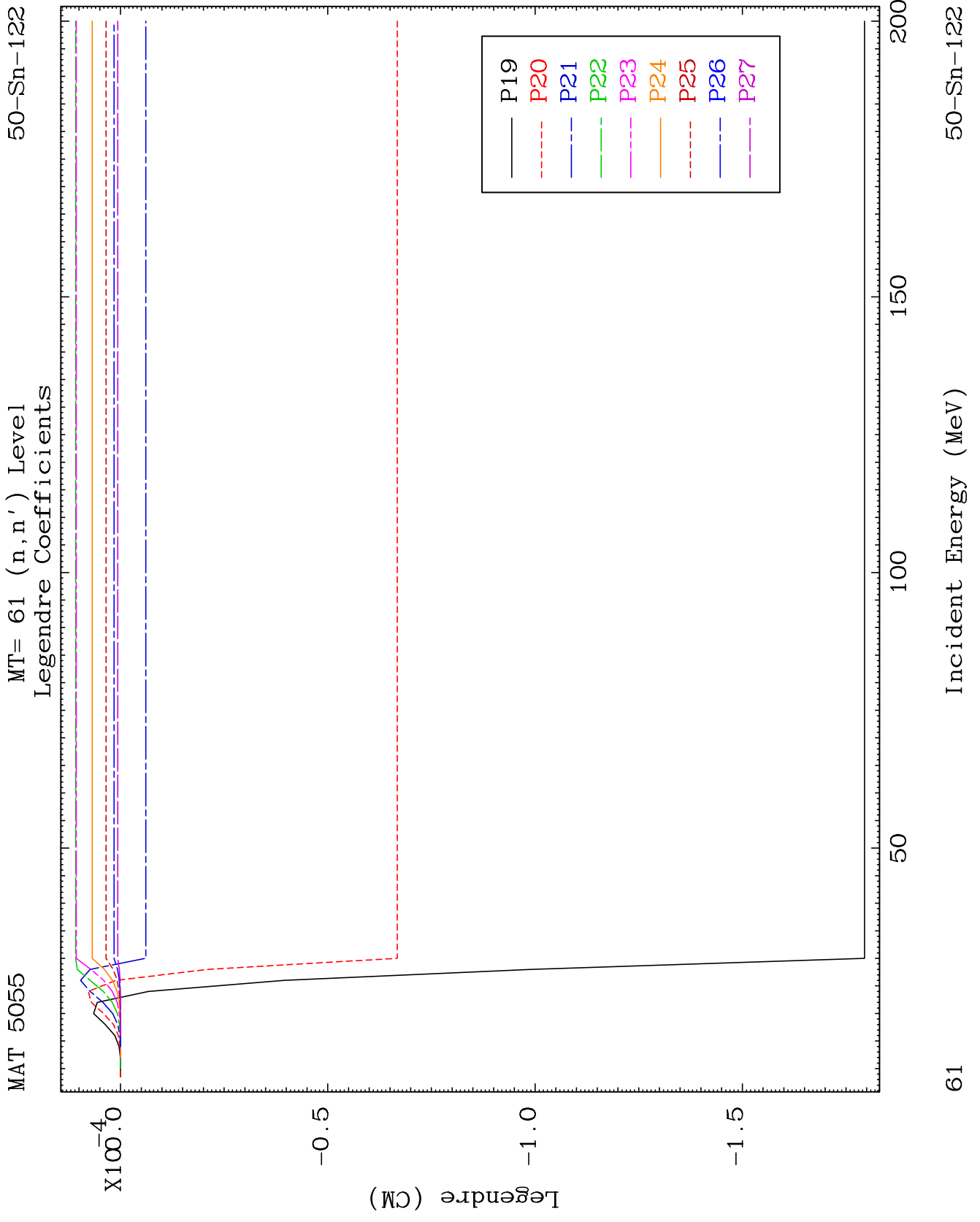


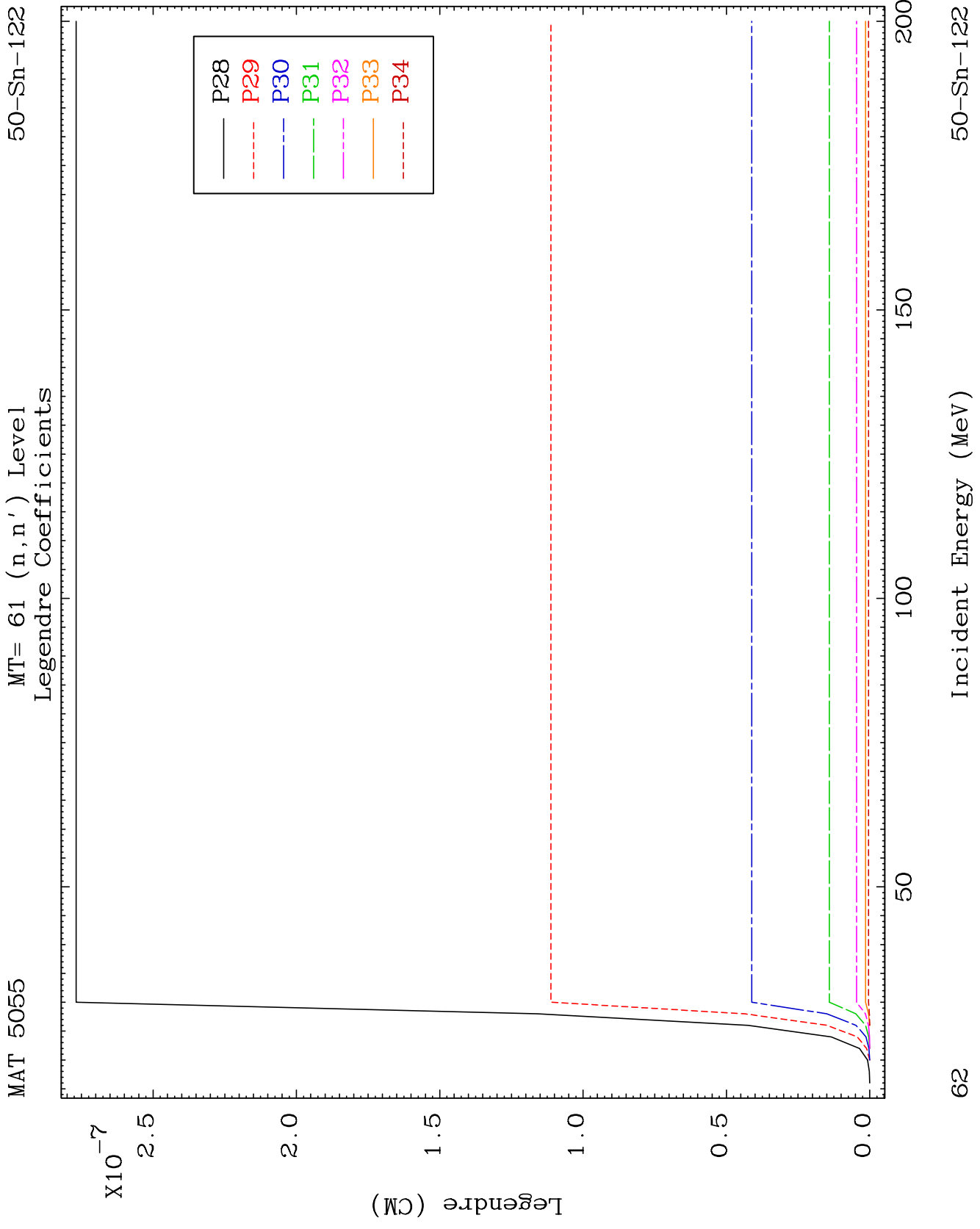


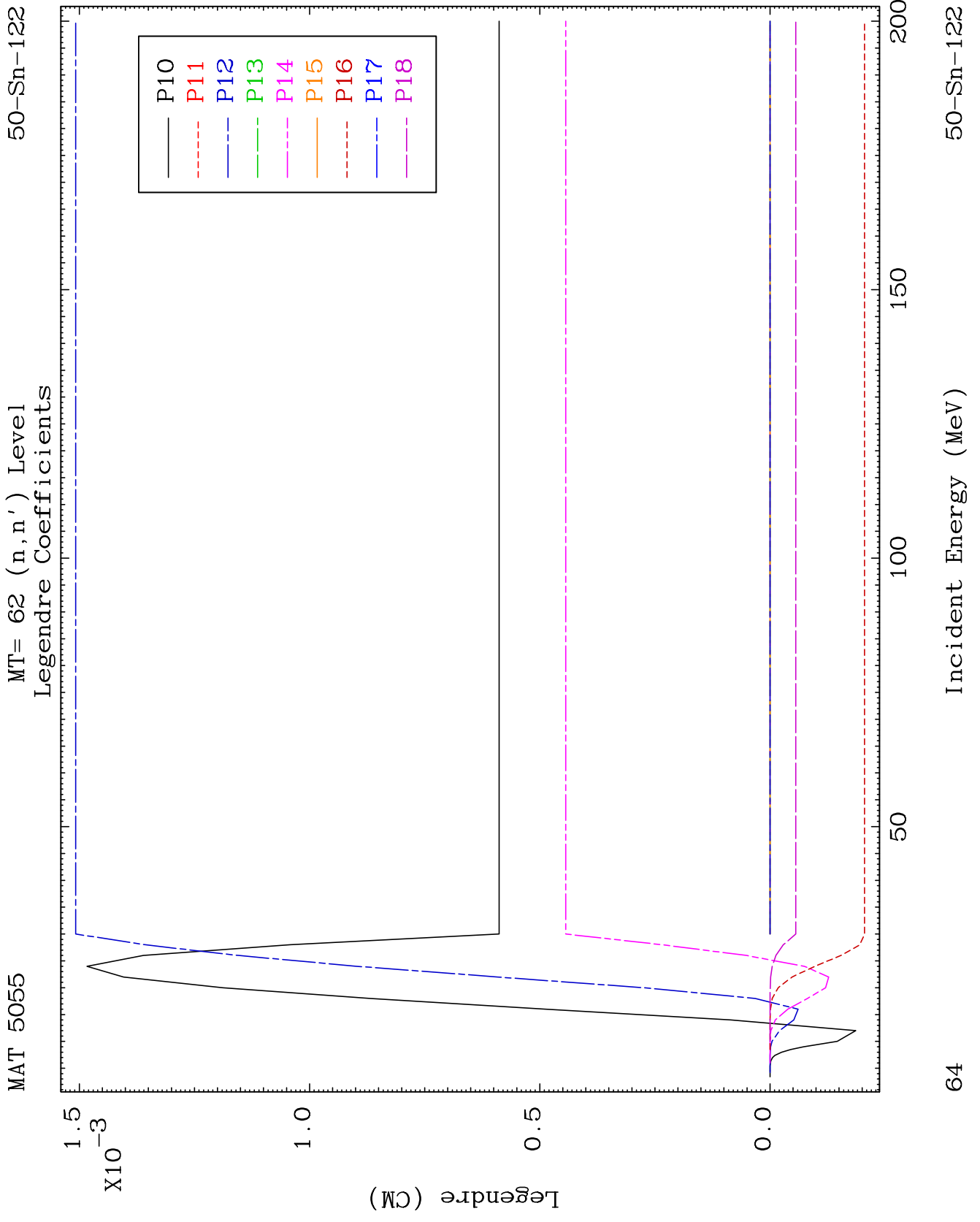


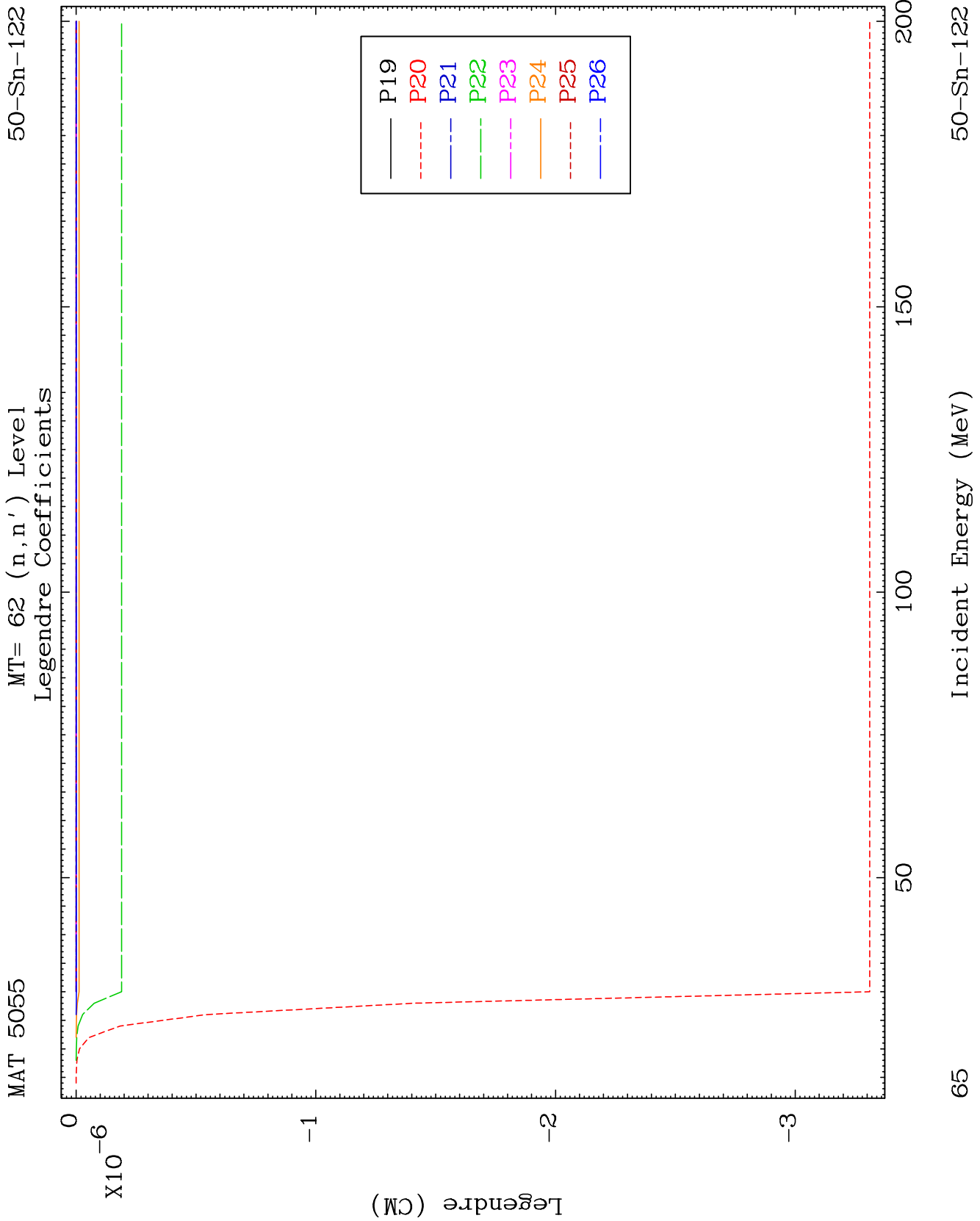








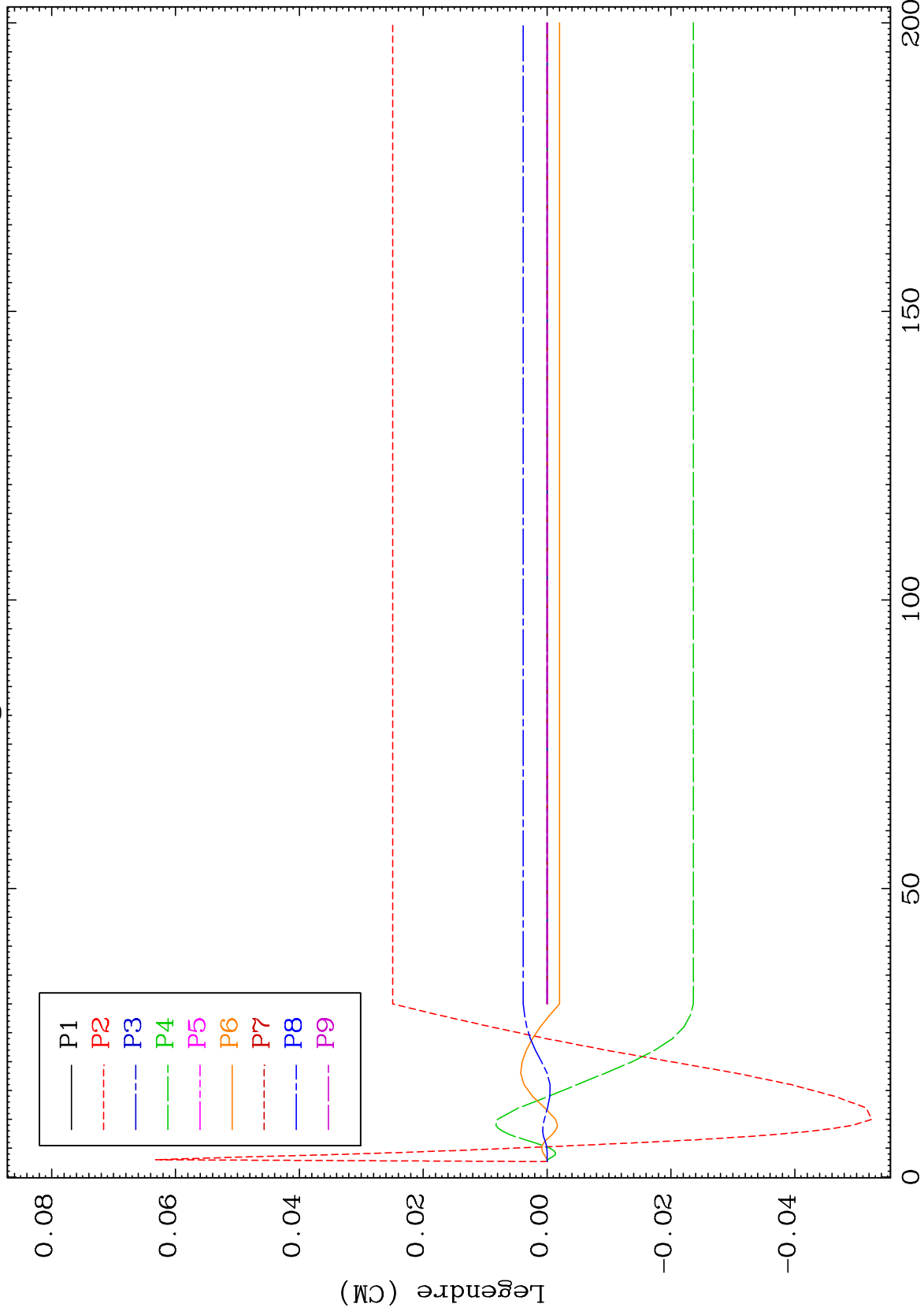




MAT 5055

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

50-Sn-122



66

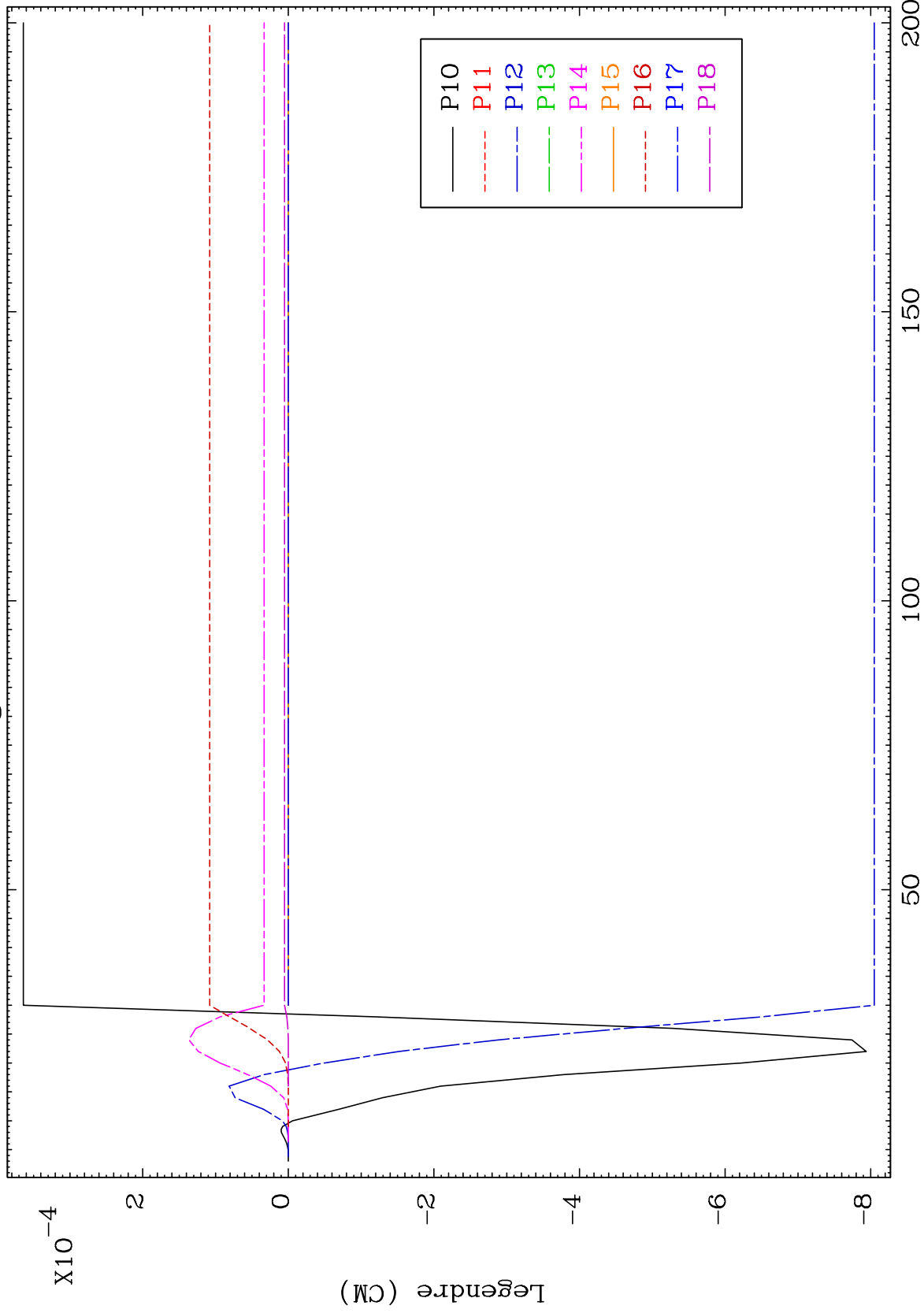
Incident Energy (MeV)

50-Sn-122

MAT 5055

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

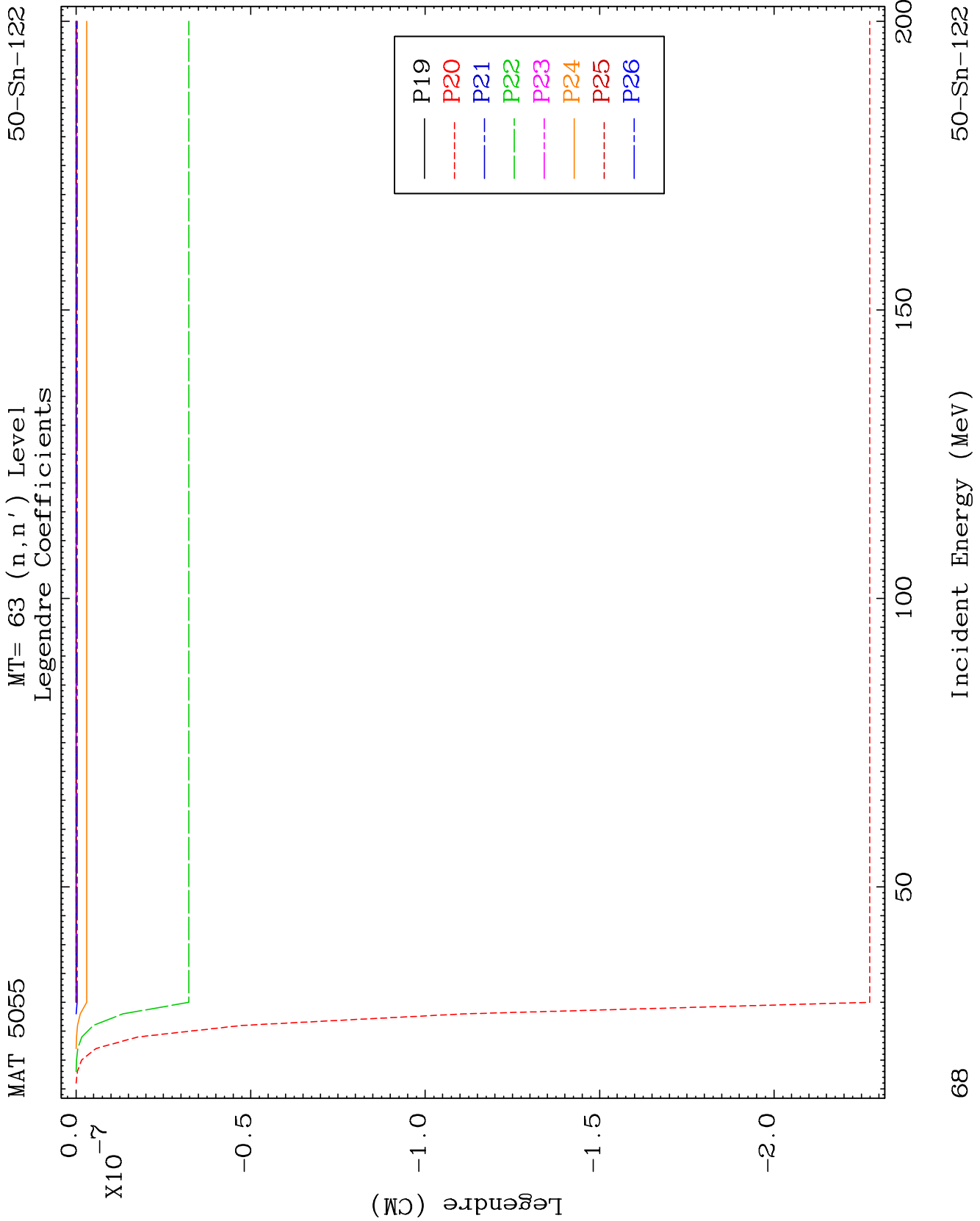
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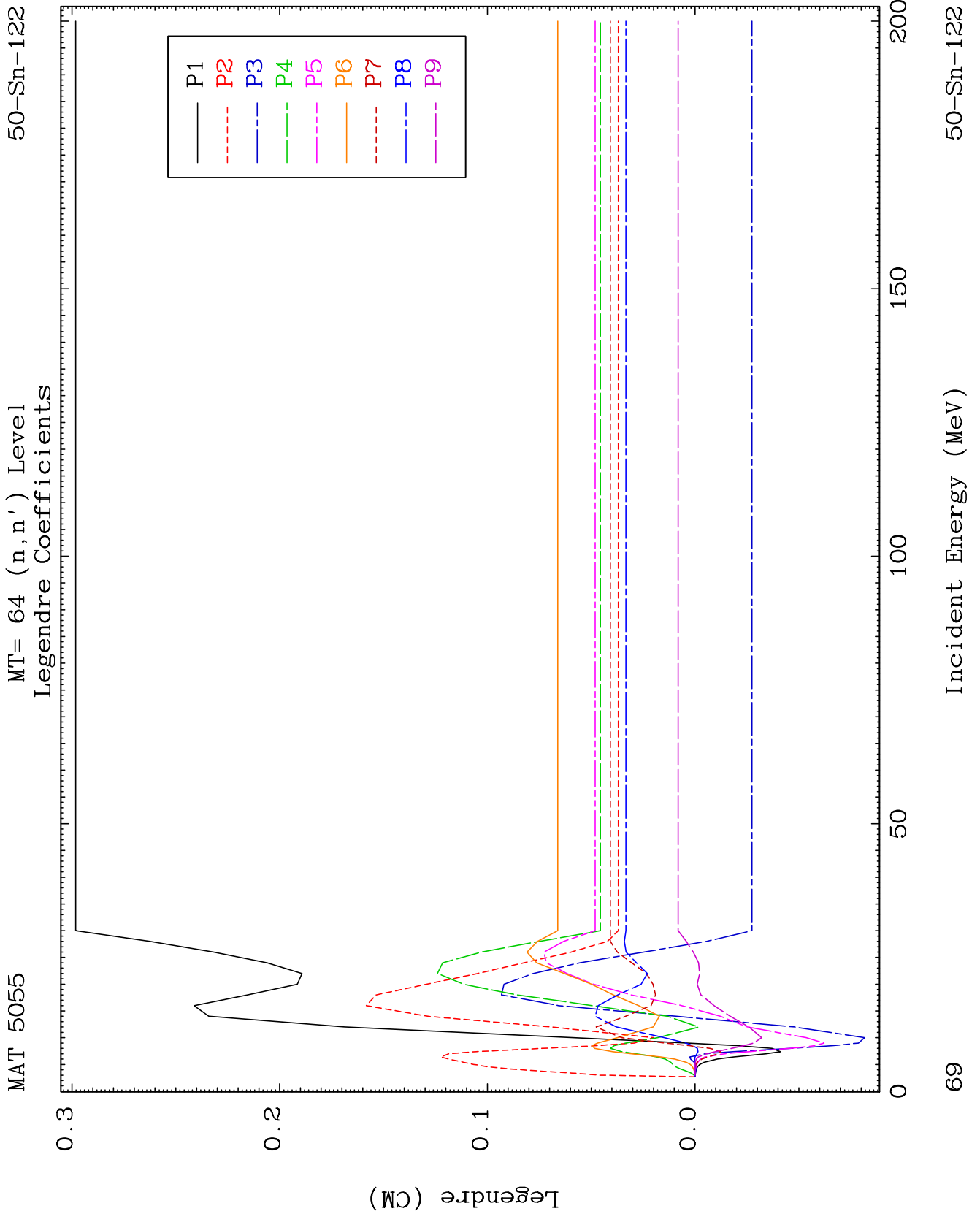


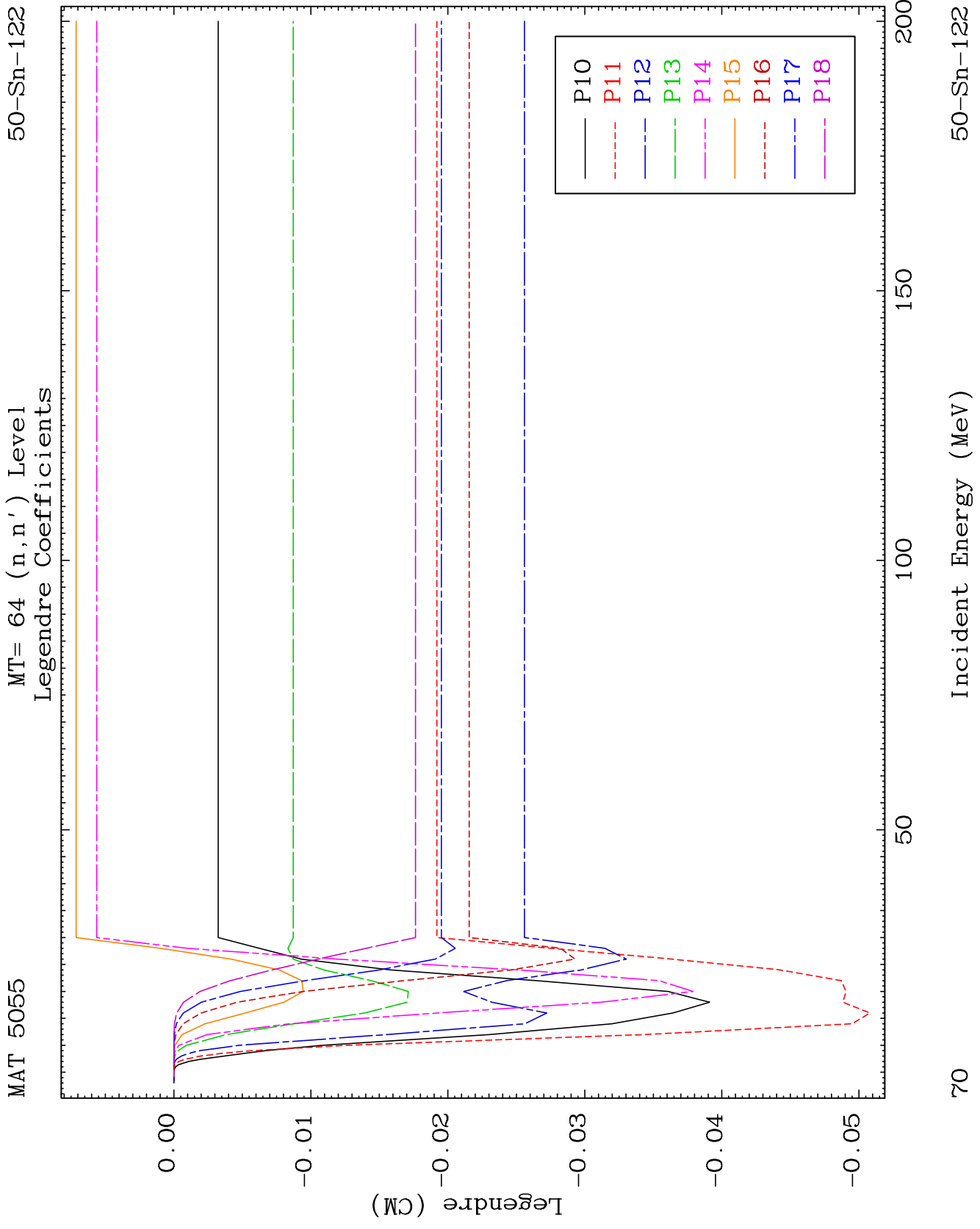
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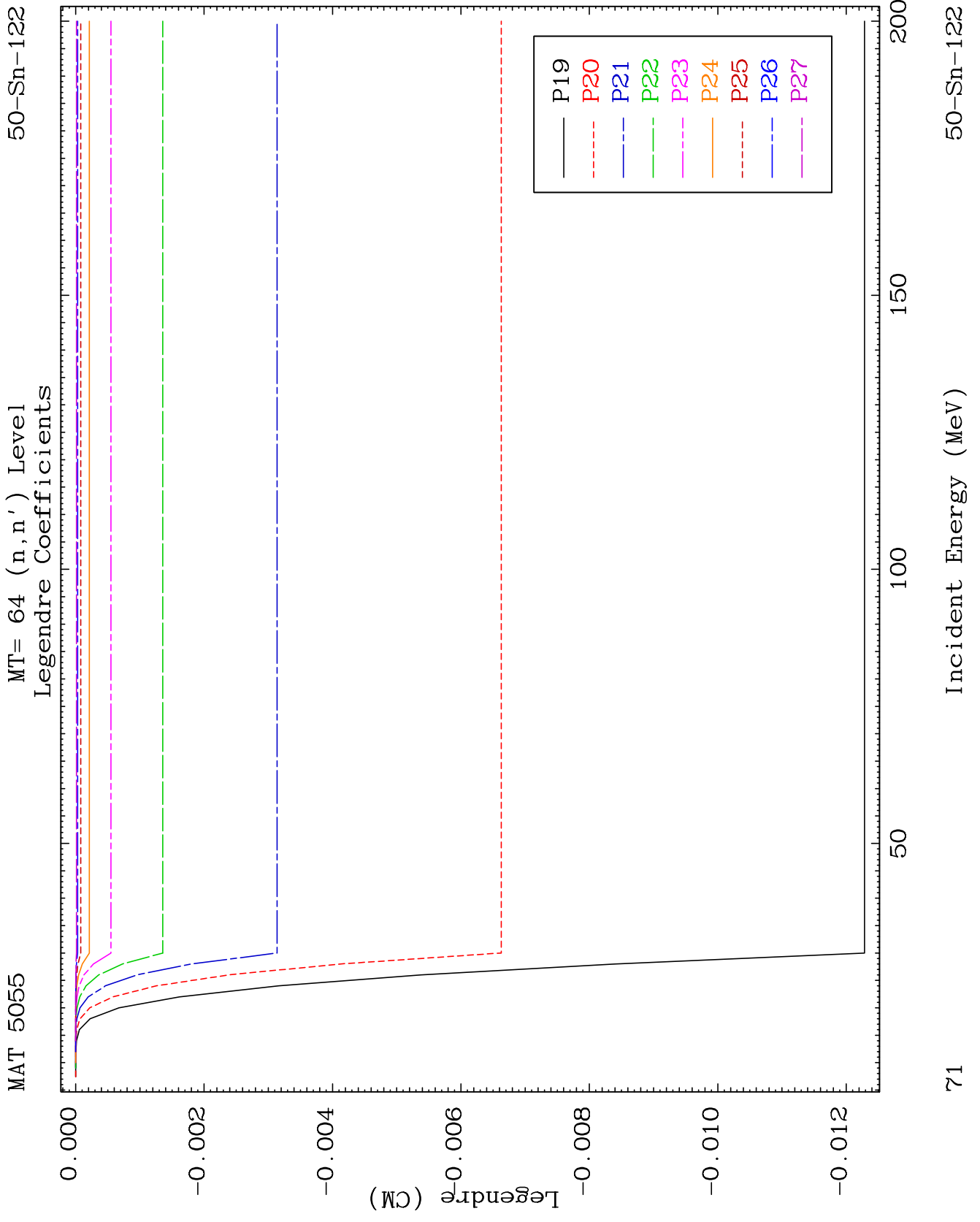
Incident Energy (MeV)

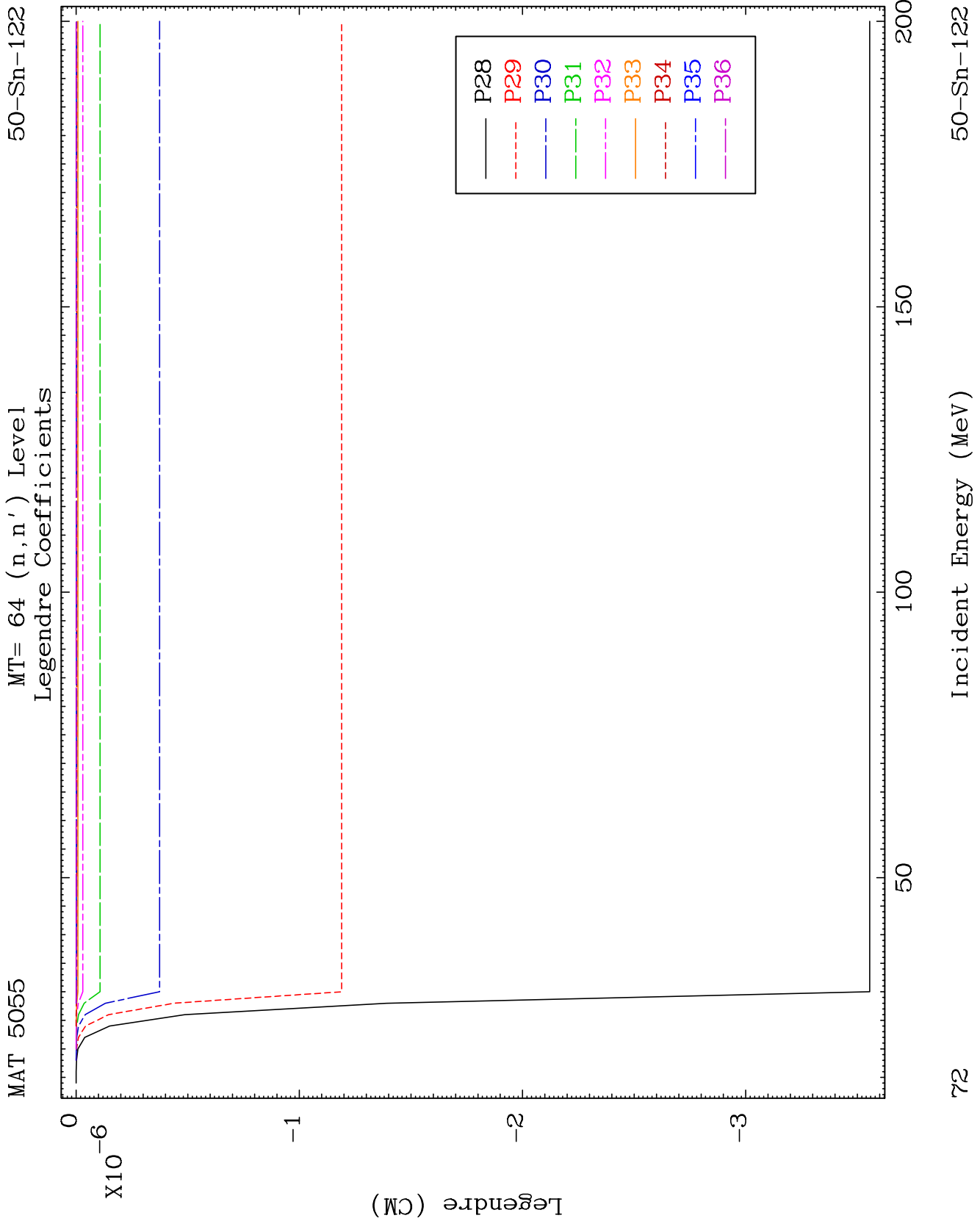
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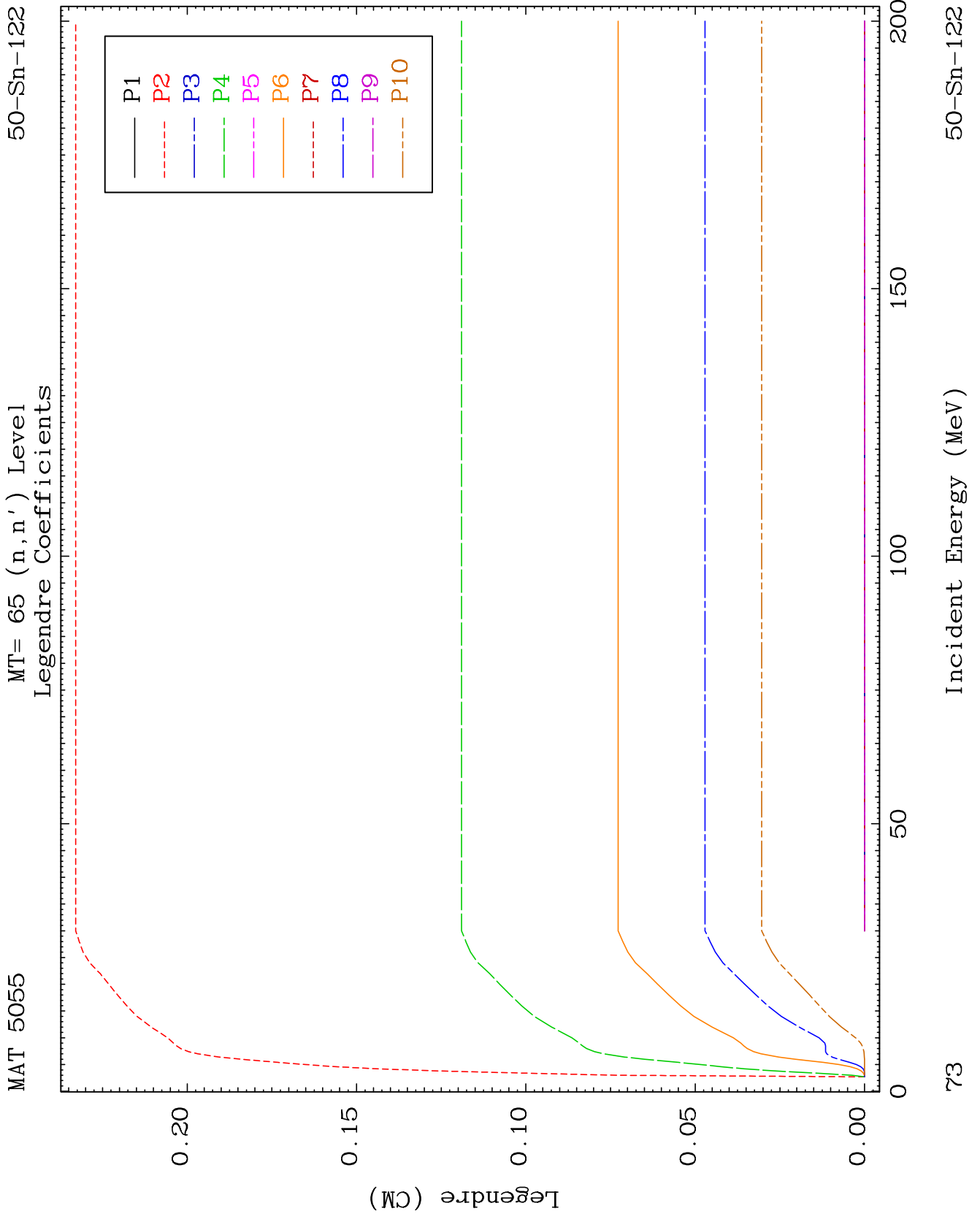


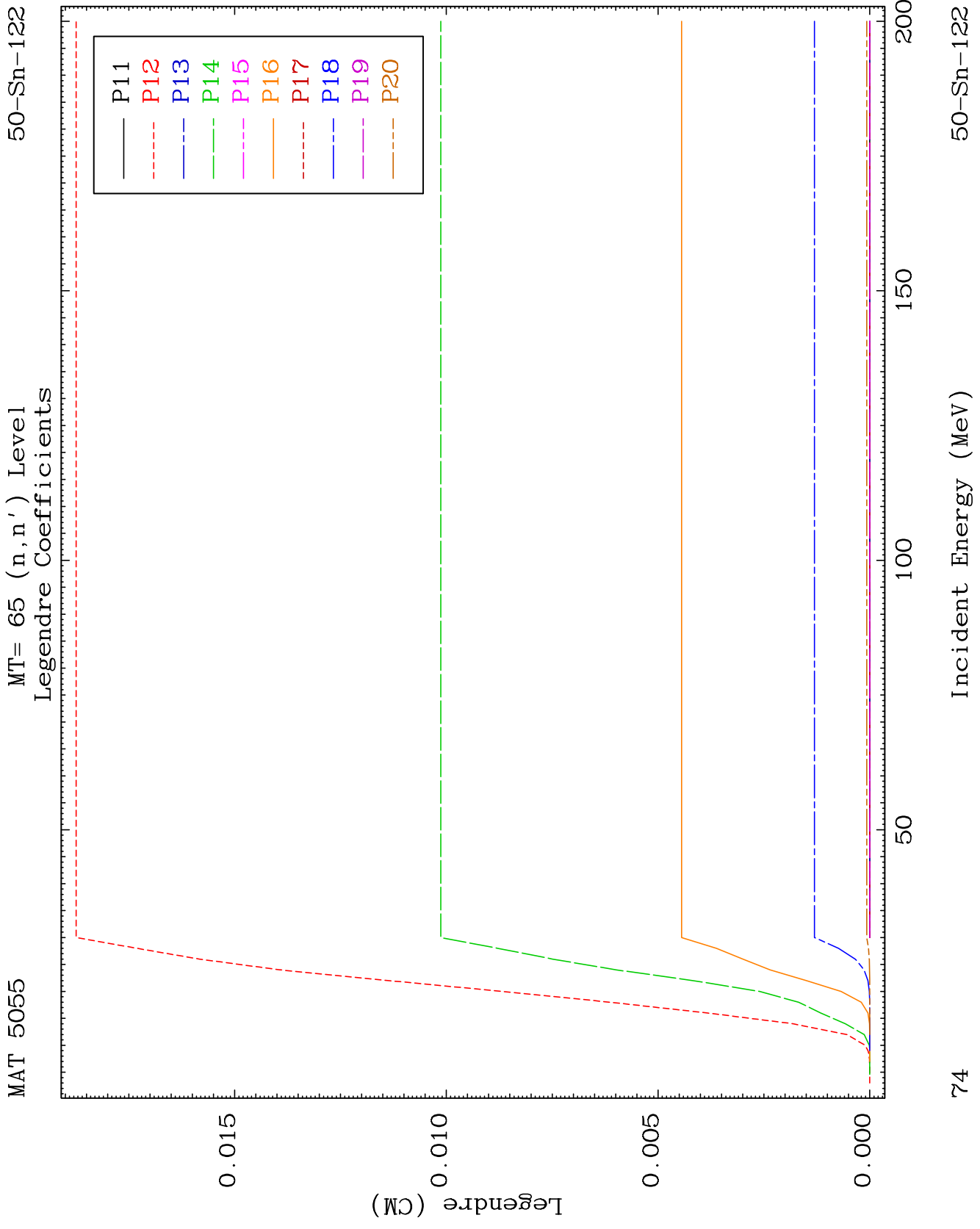


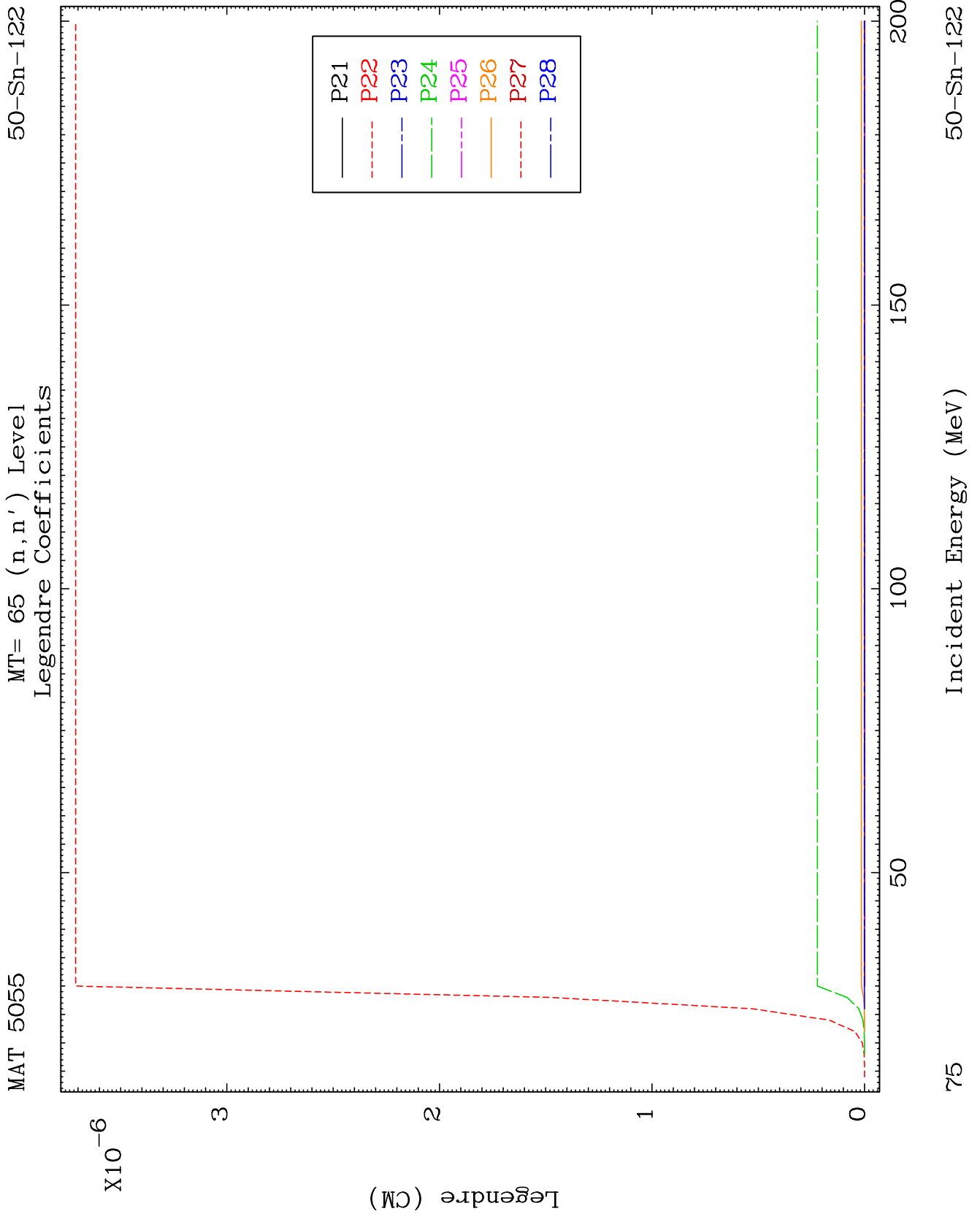


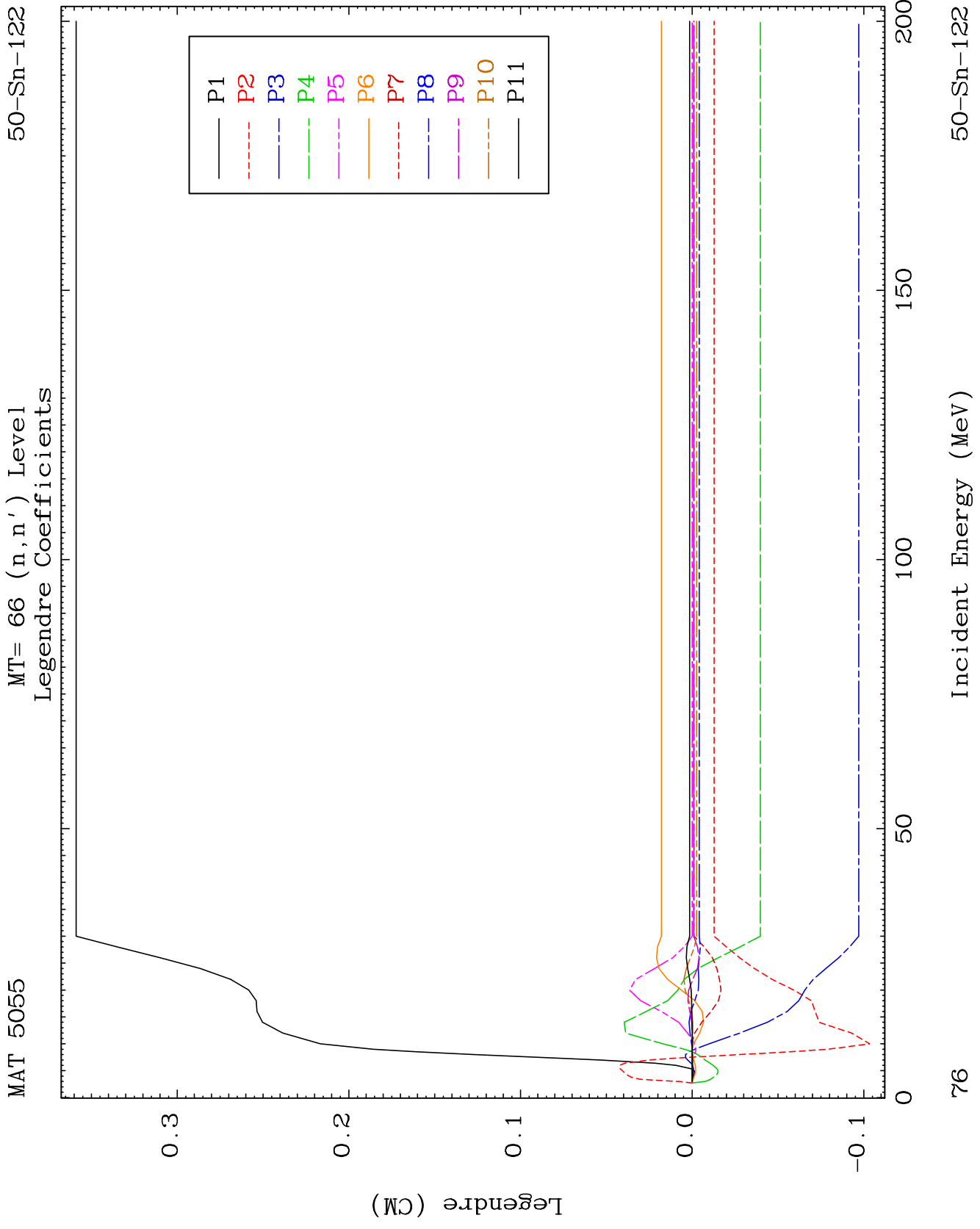


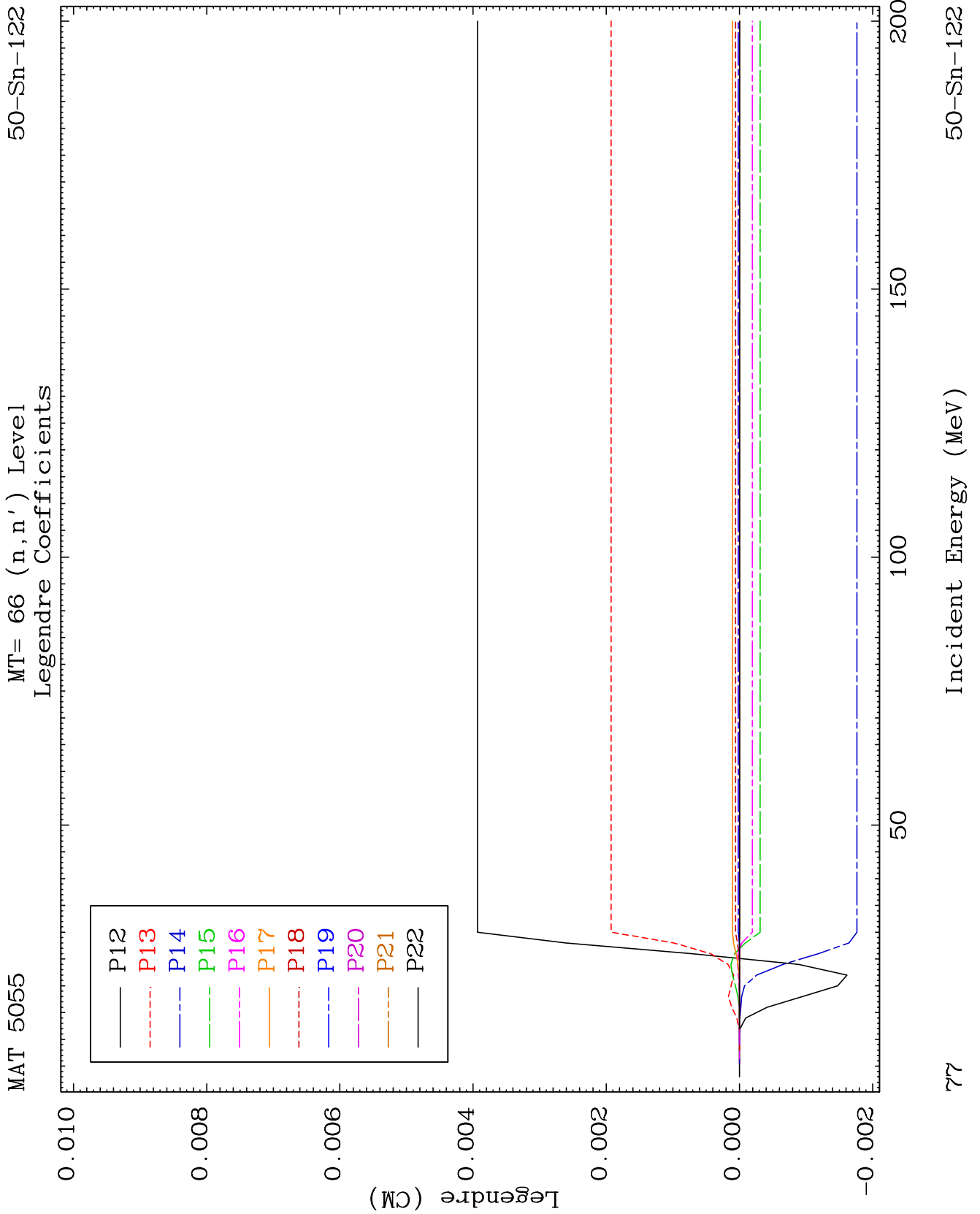


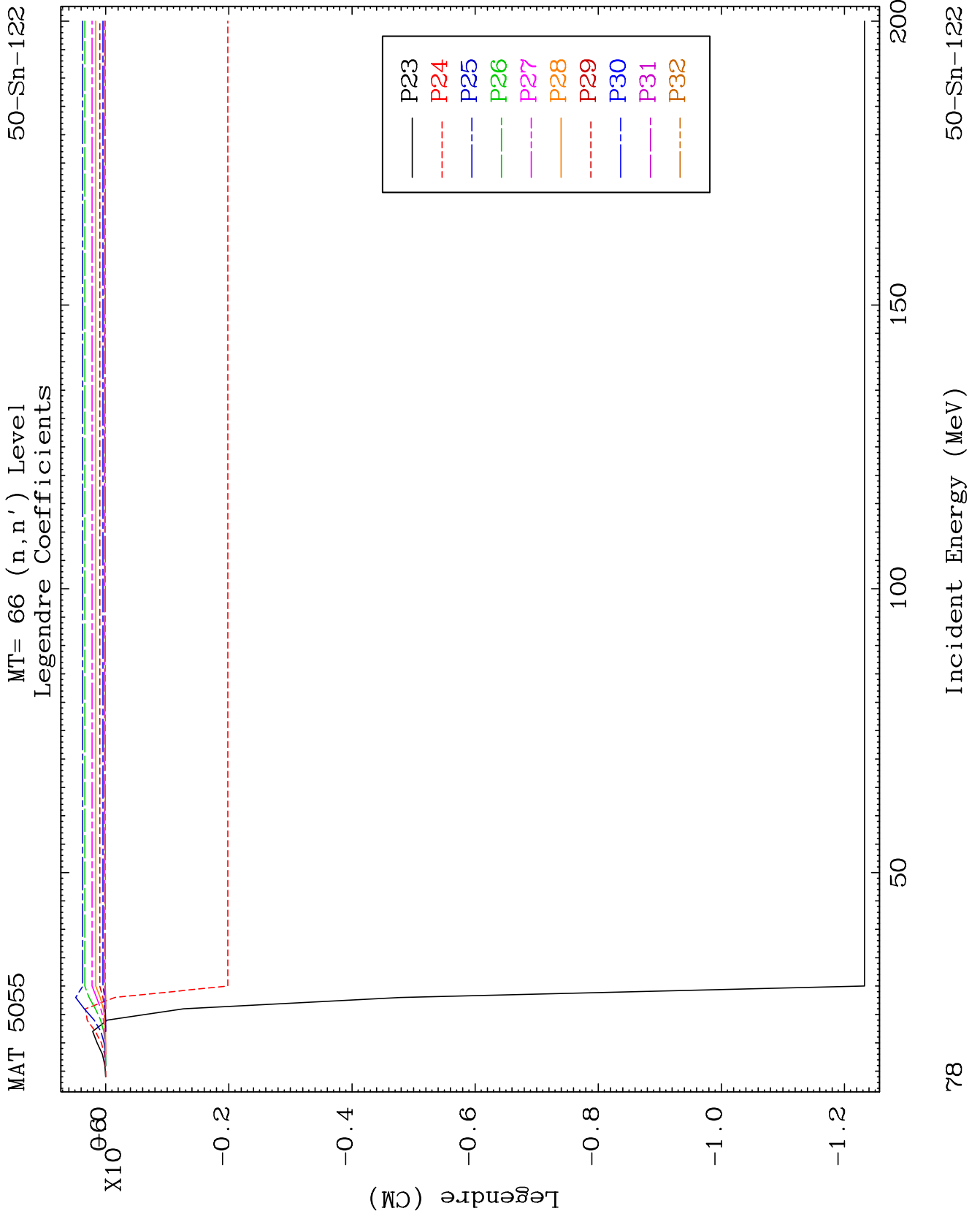


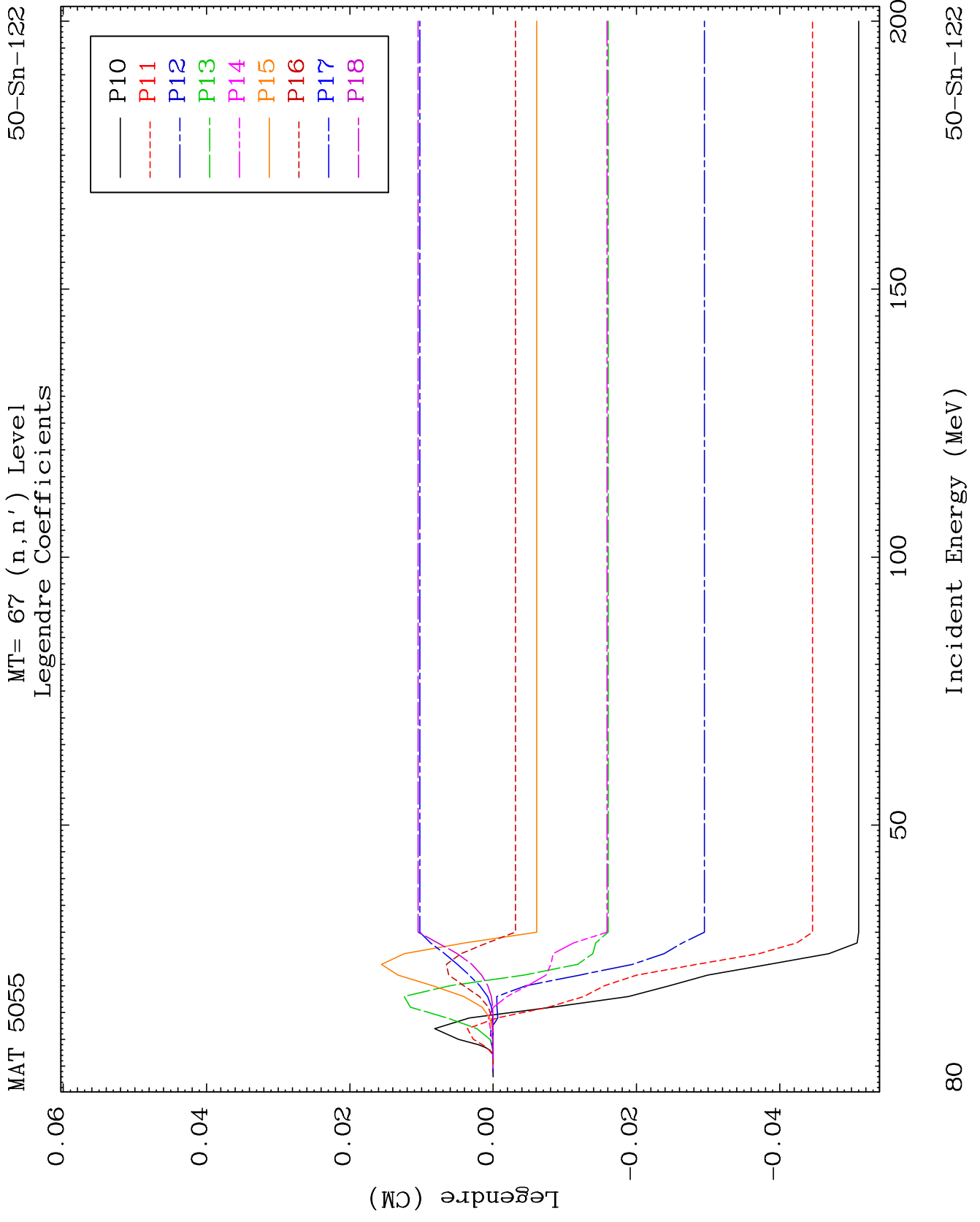




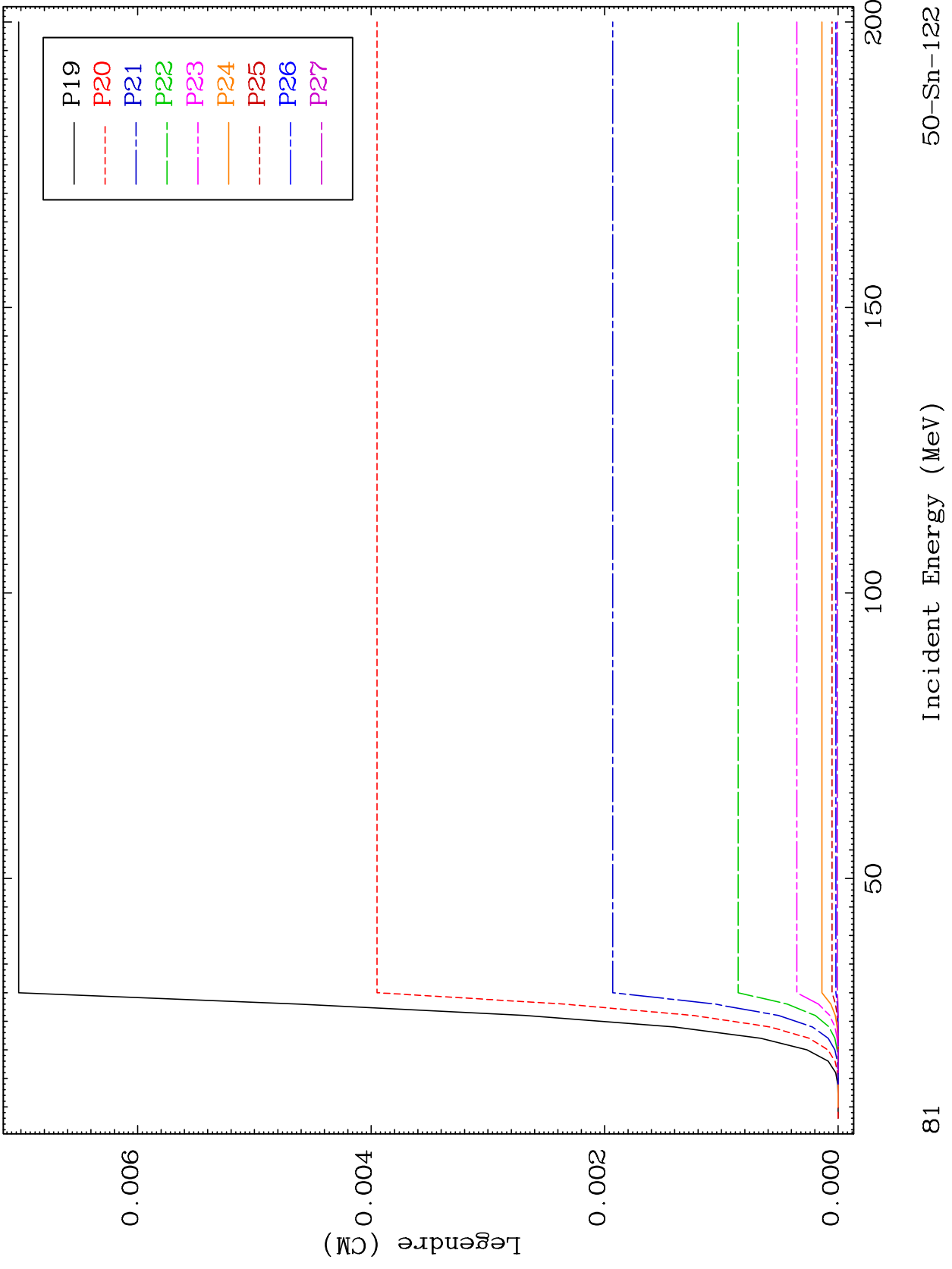


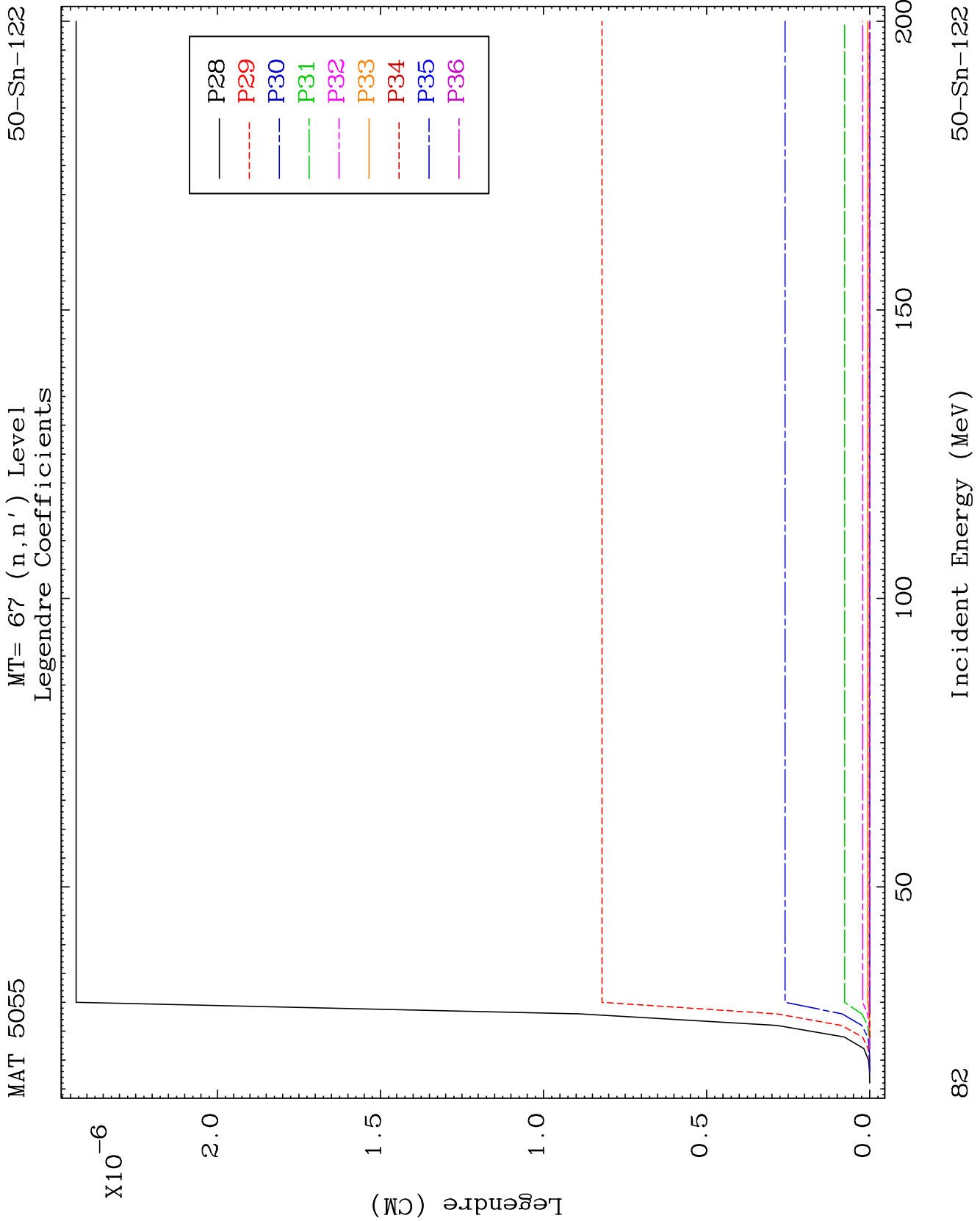


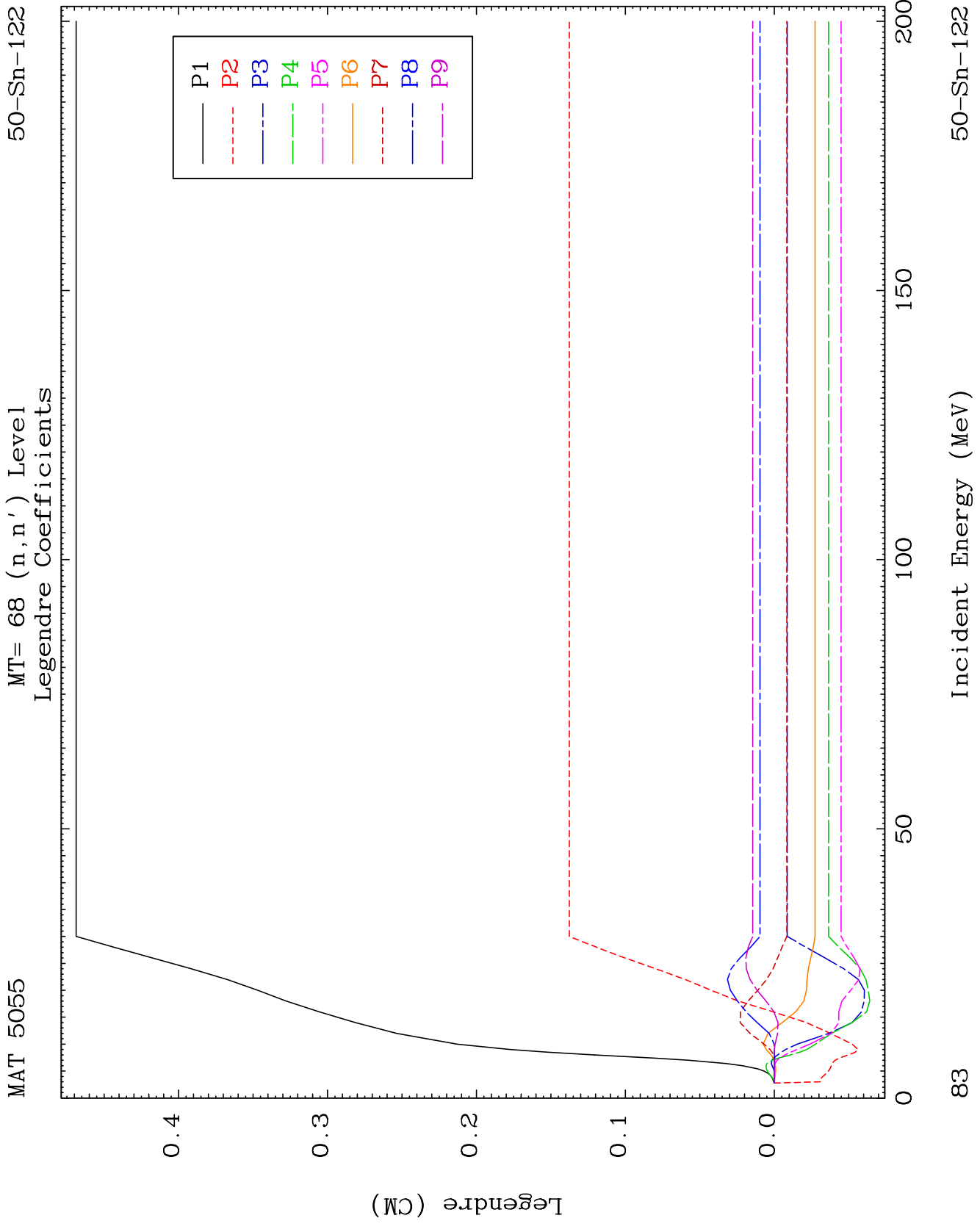




MAT 5055 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-122



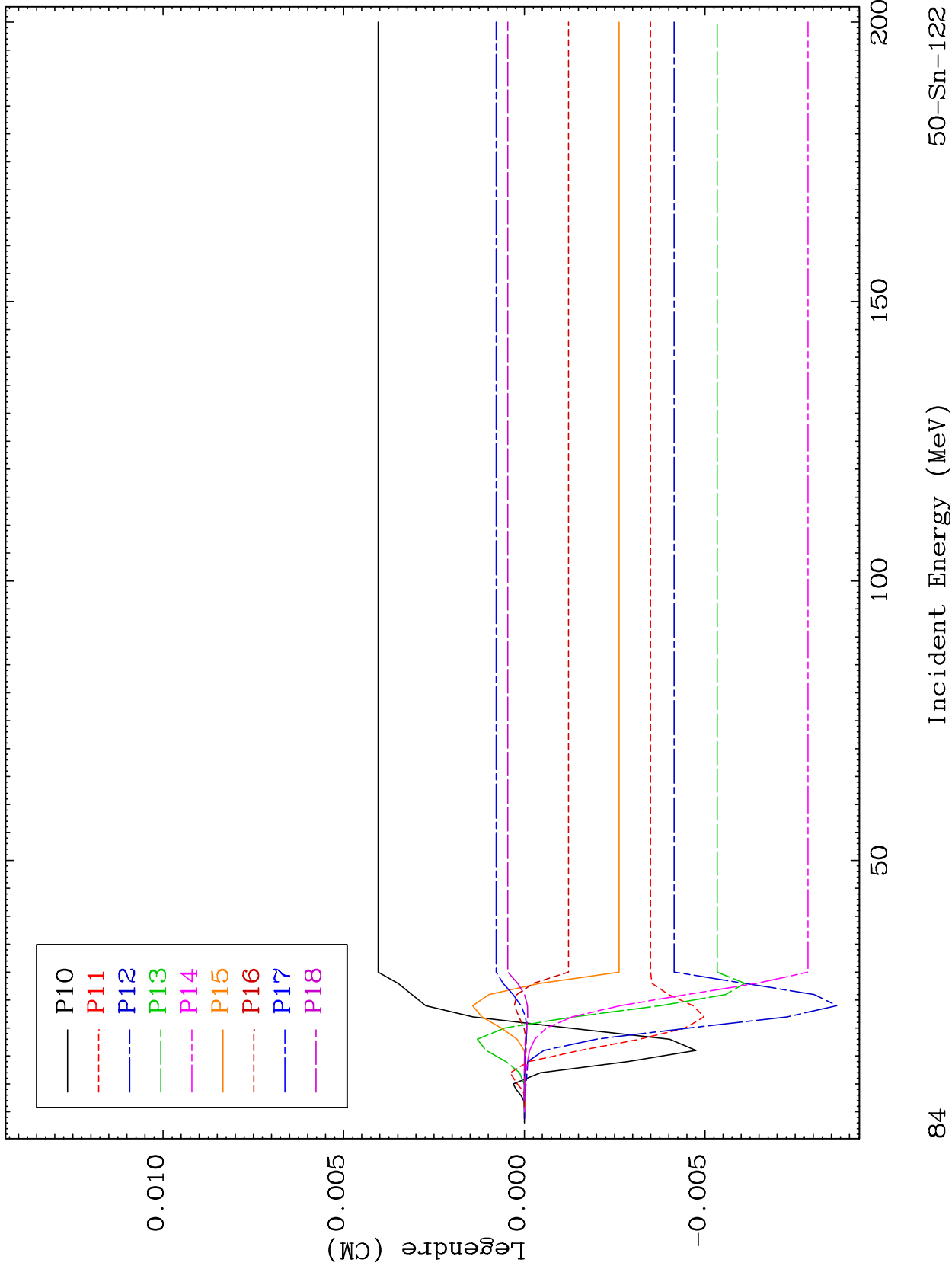


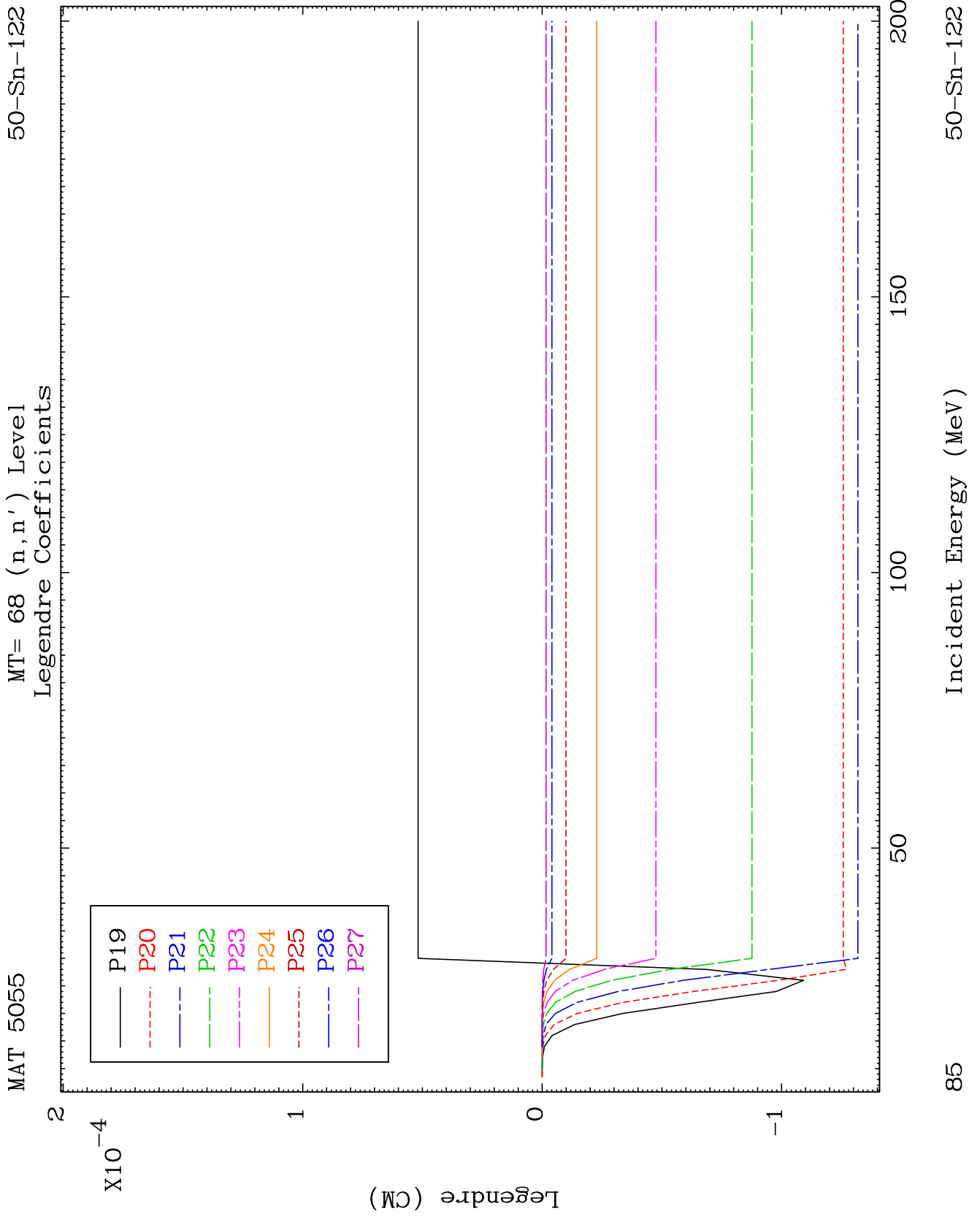


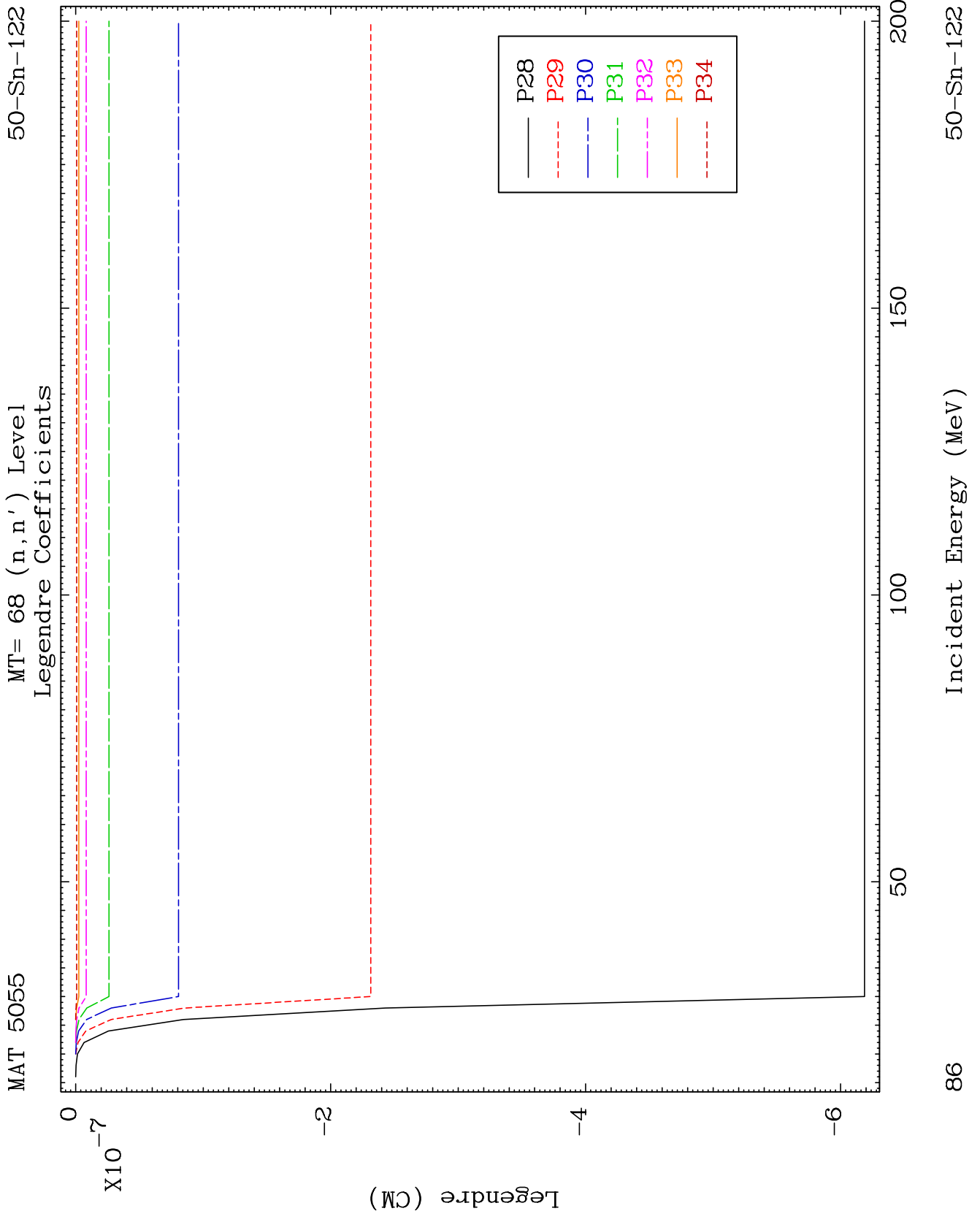
MAT 5055

50-Sn-122

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



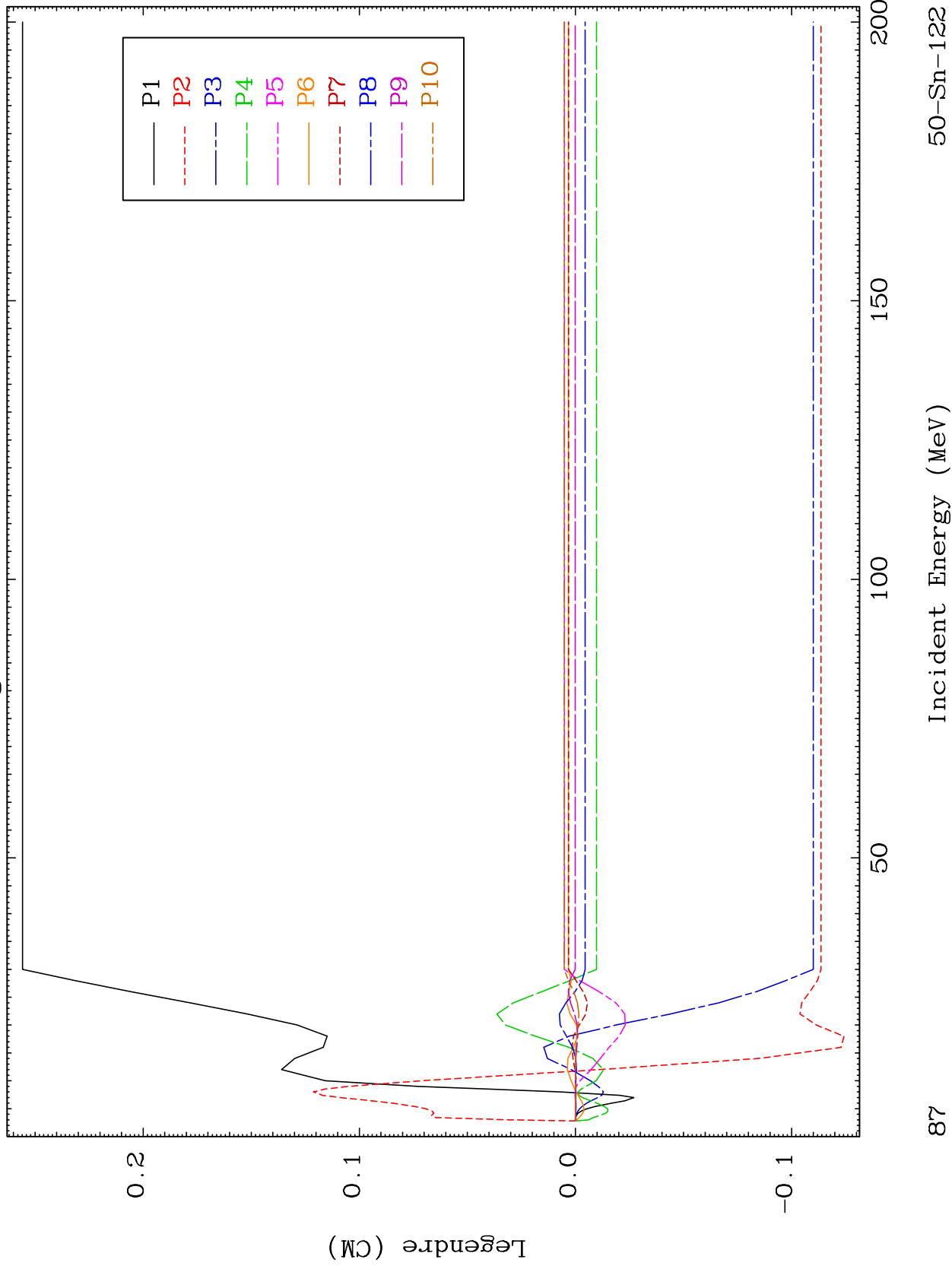




MAT 5055

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

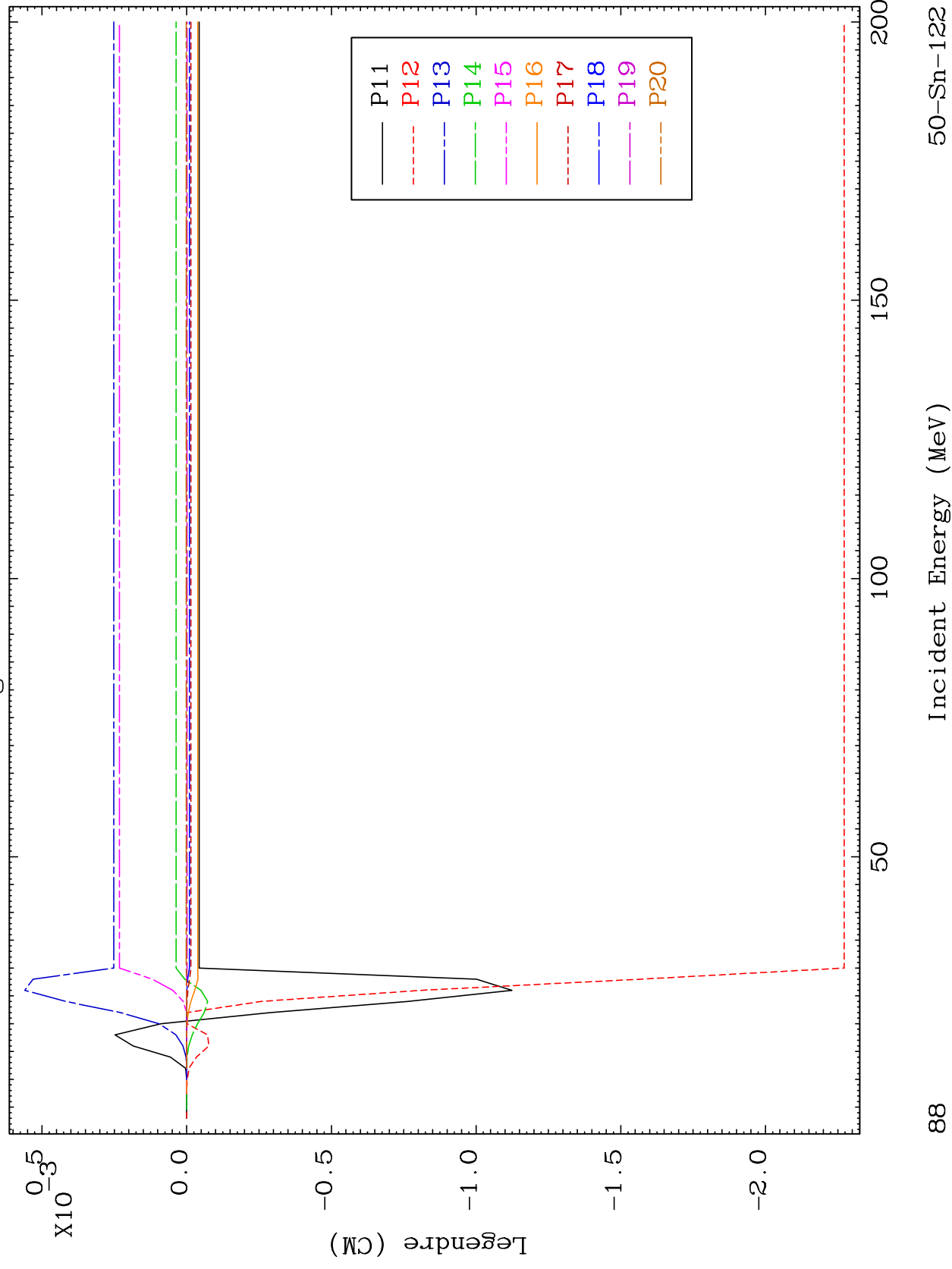
50-Sn-122



MAT 5055

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

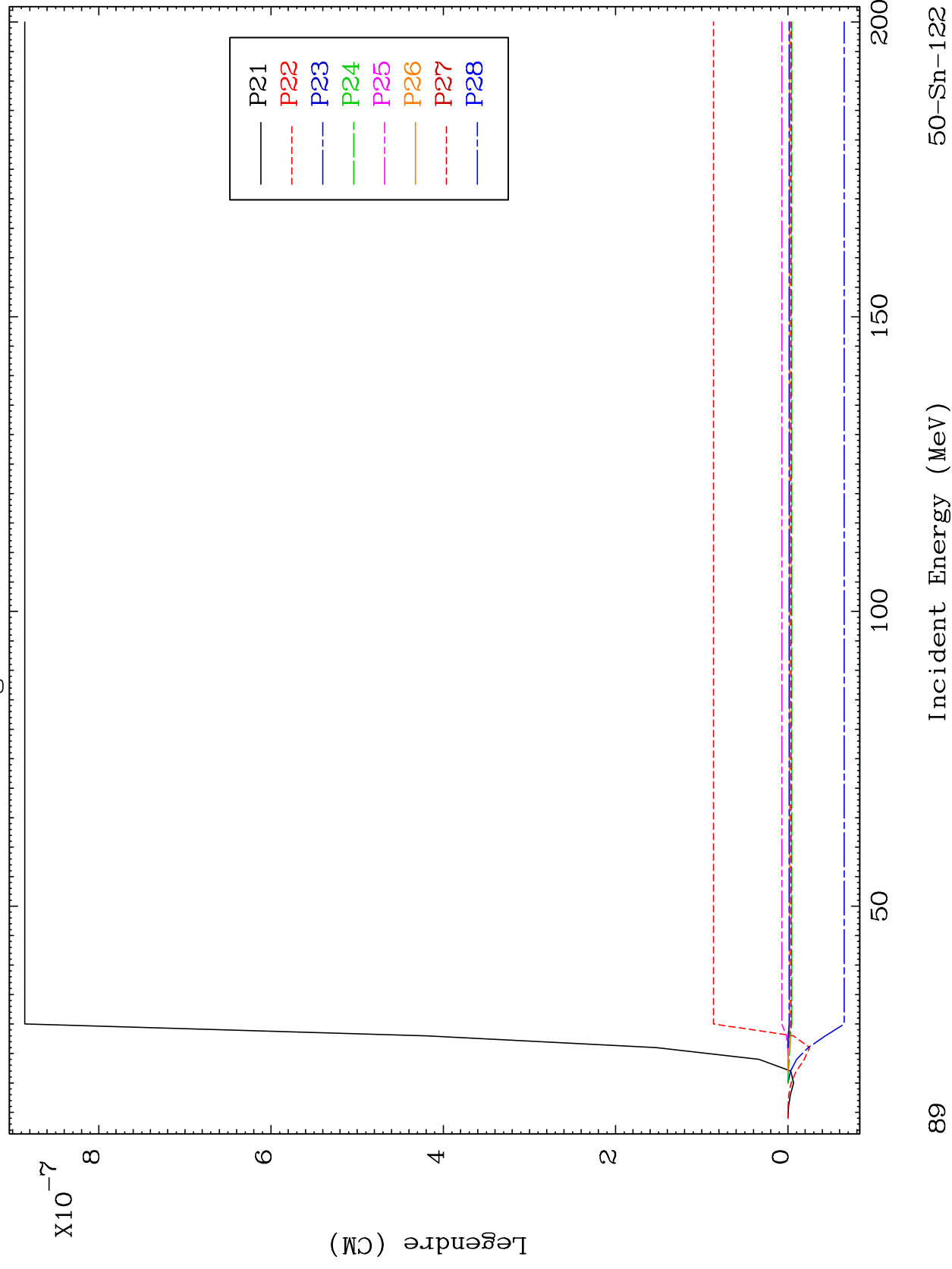
50-Sn-122



MAT 5055

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

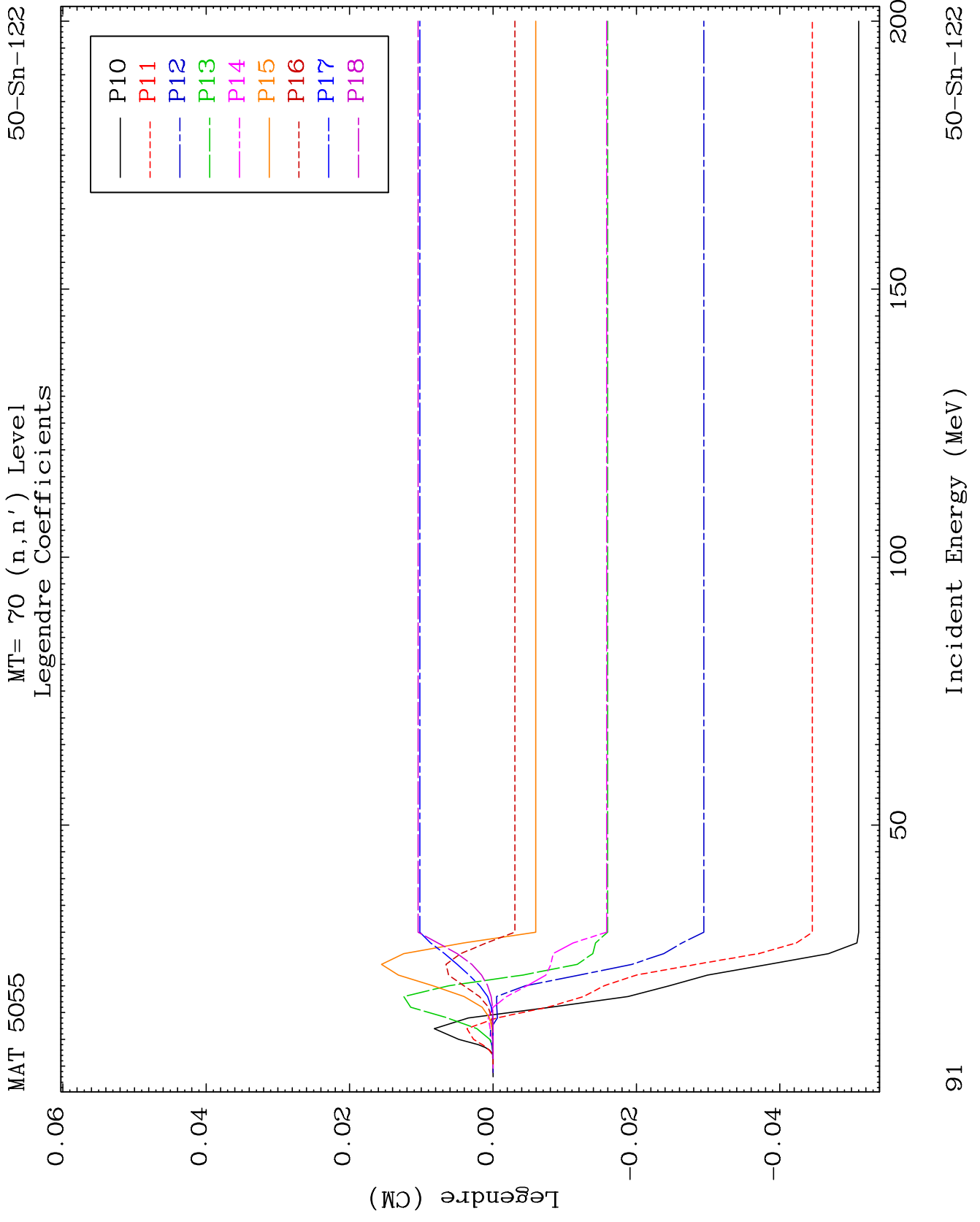
50-Sn-122

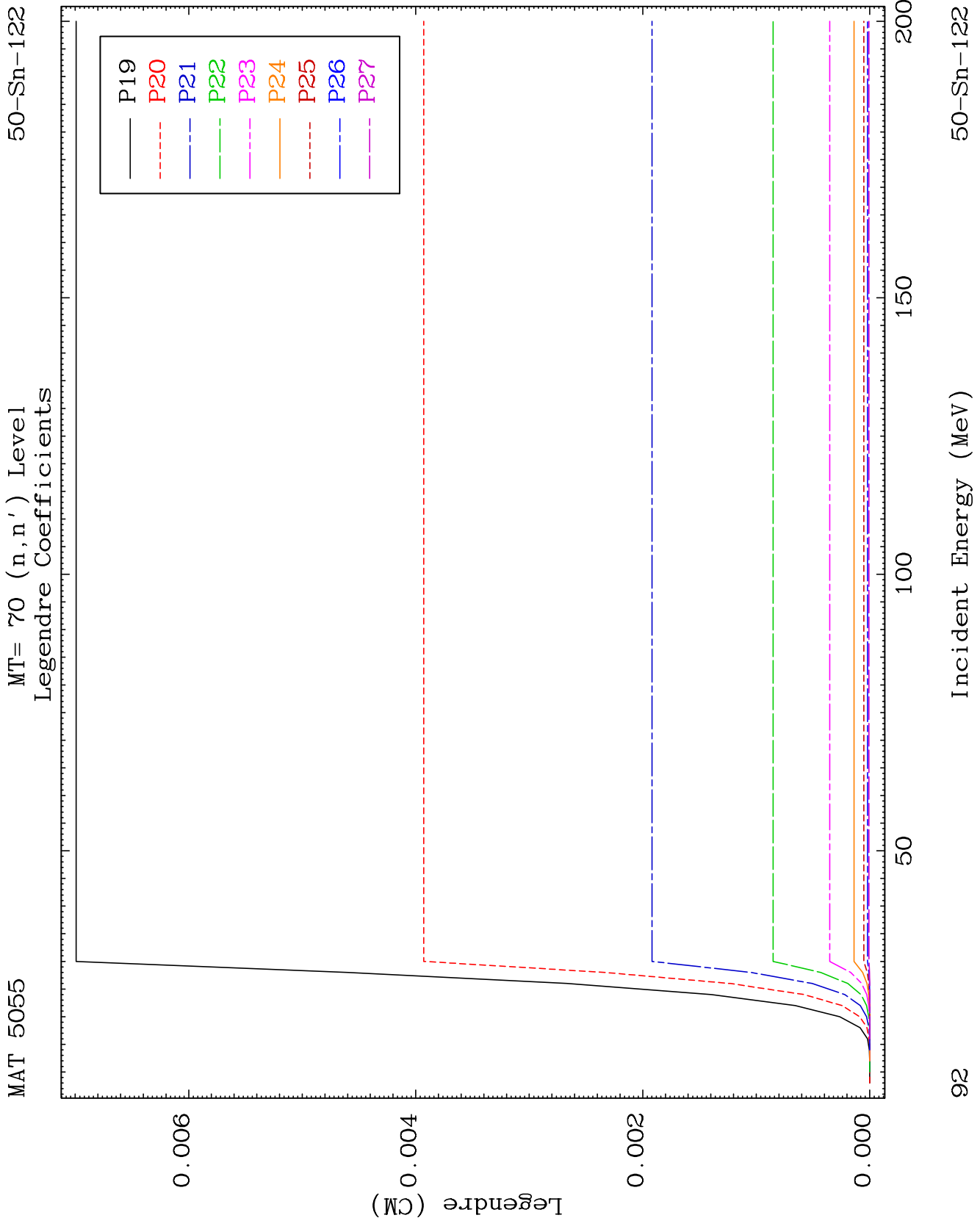


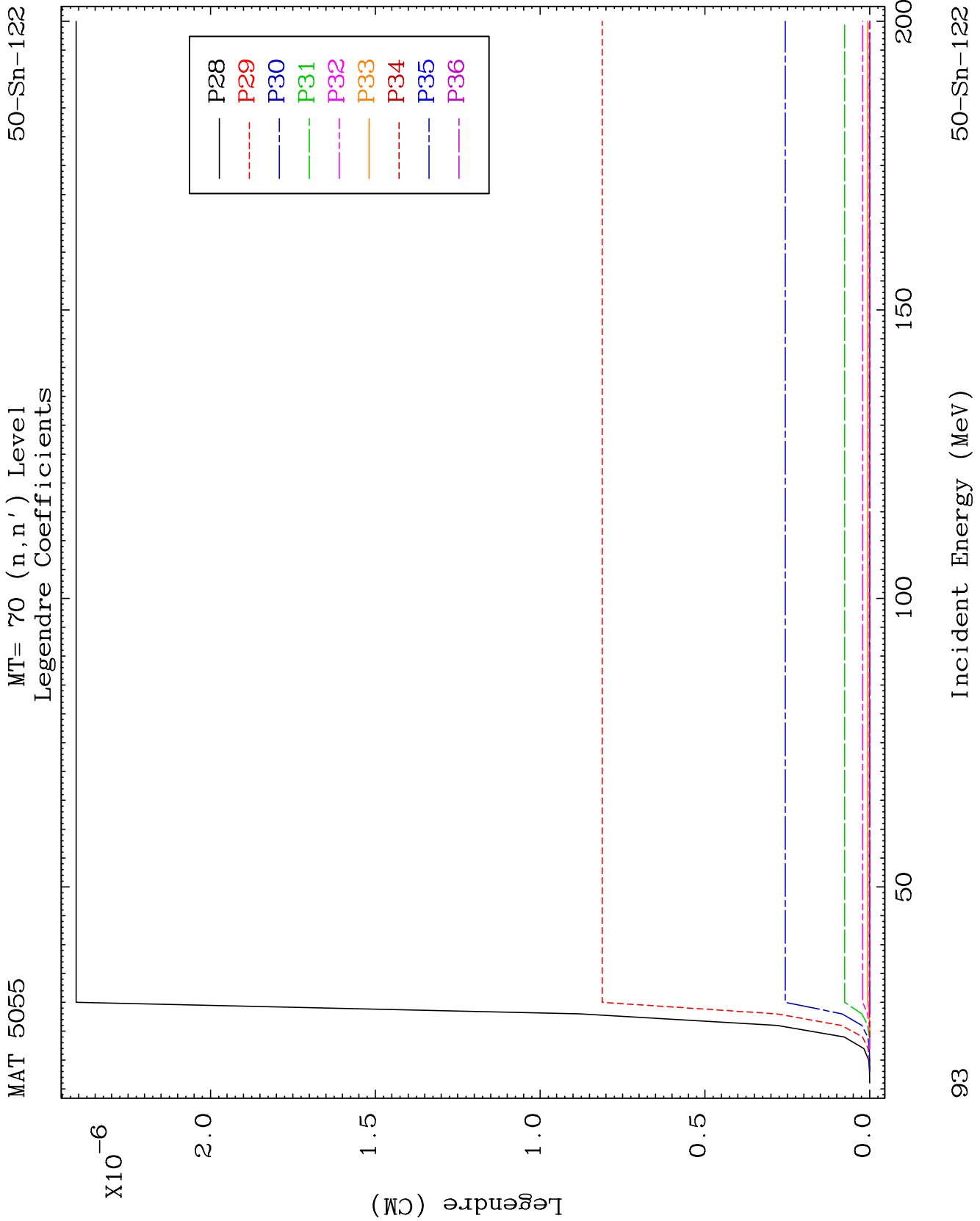
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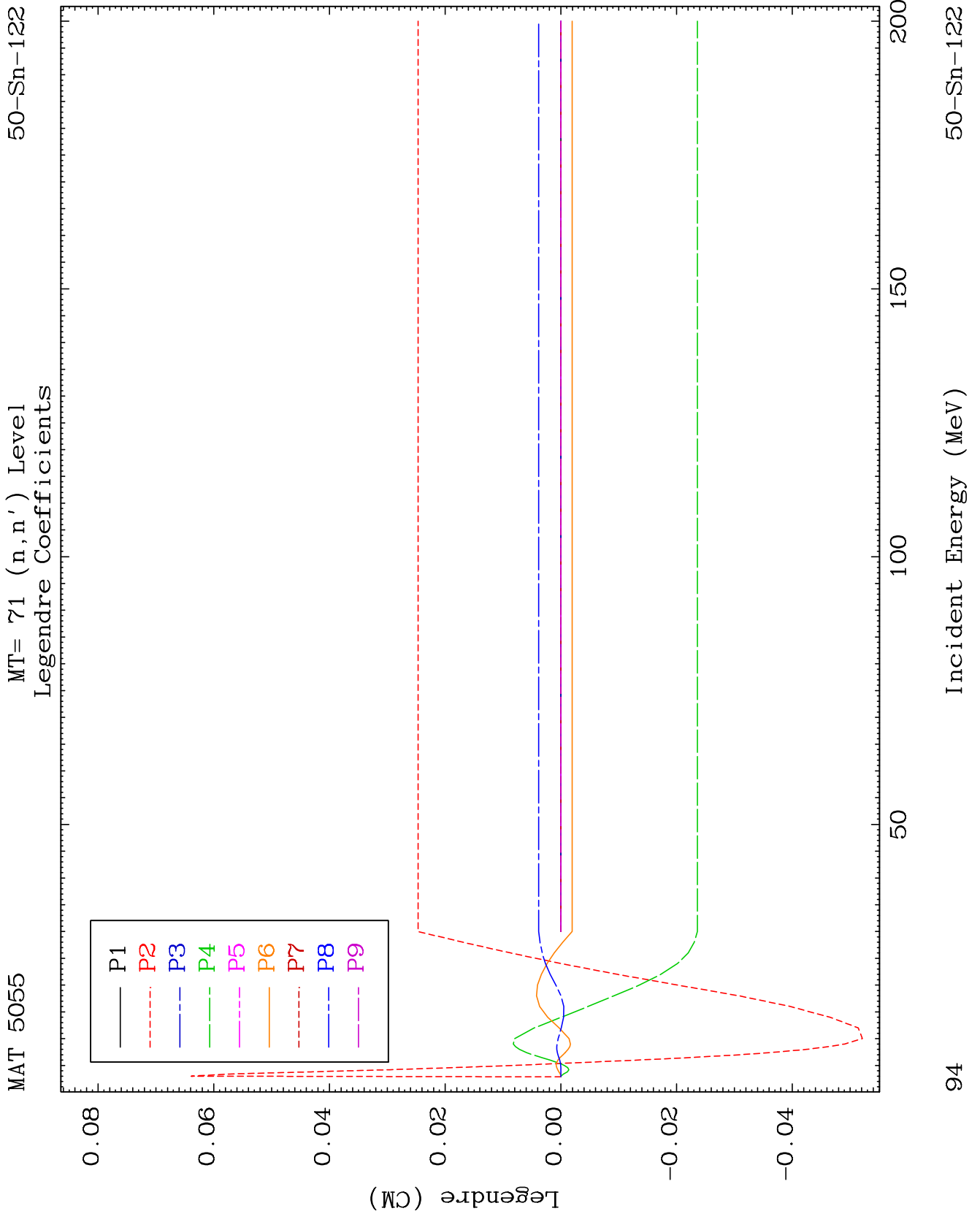
Incident Energy (MeV)

50-Sn-122





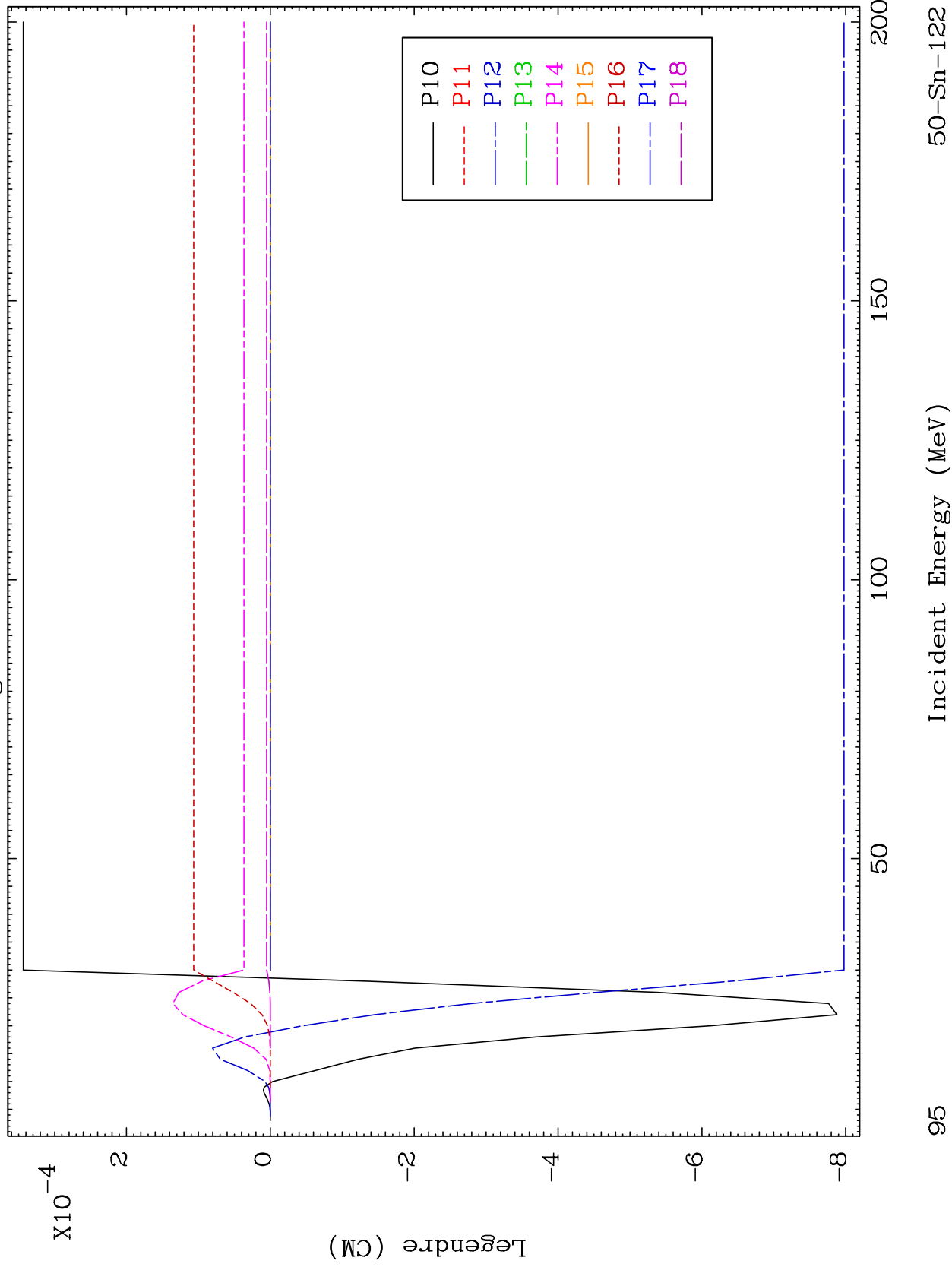




MAT 5055

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

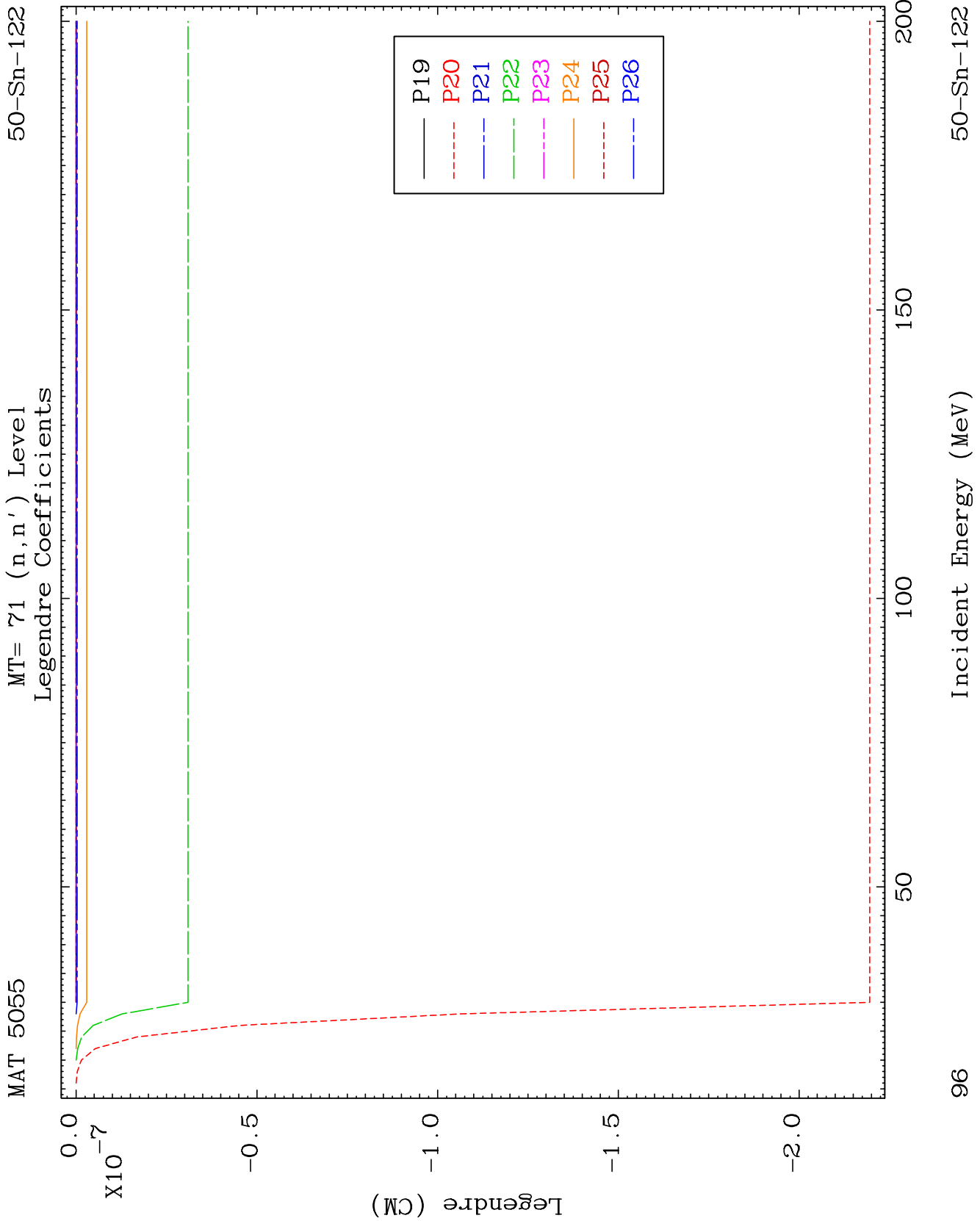
50-Sn-122

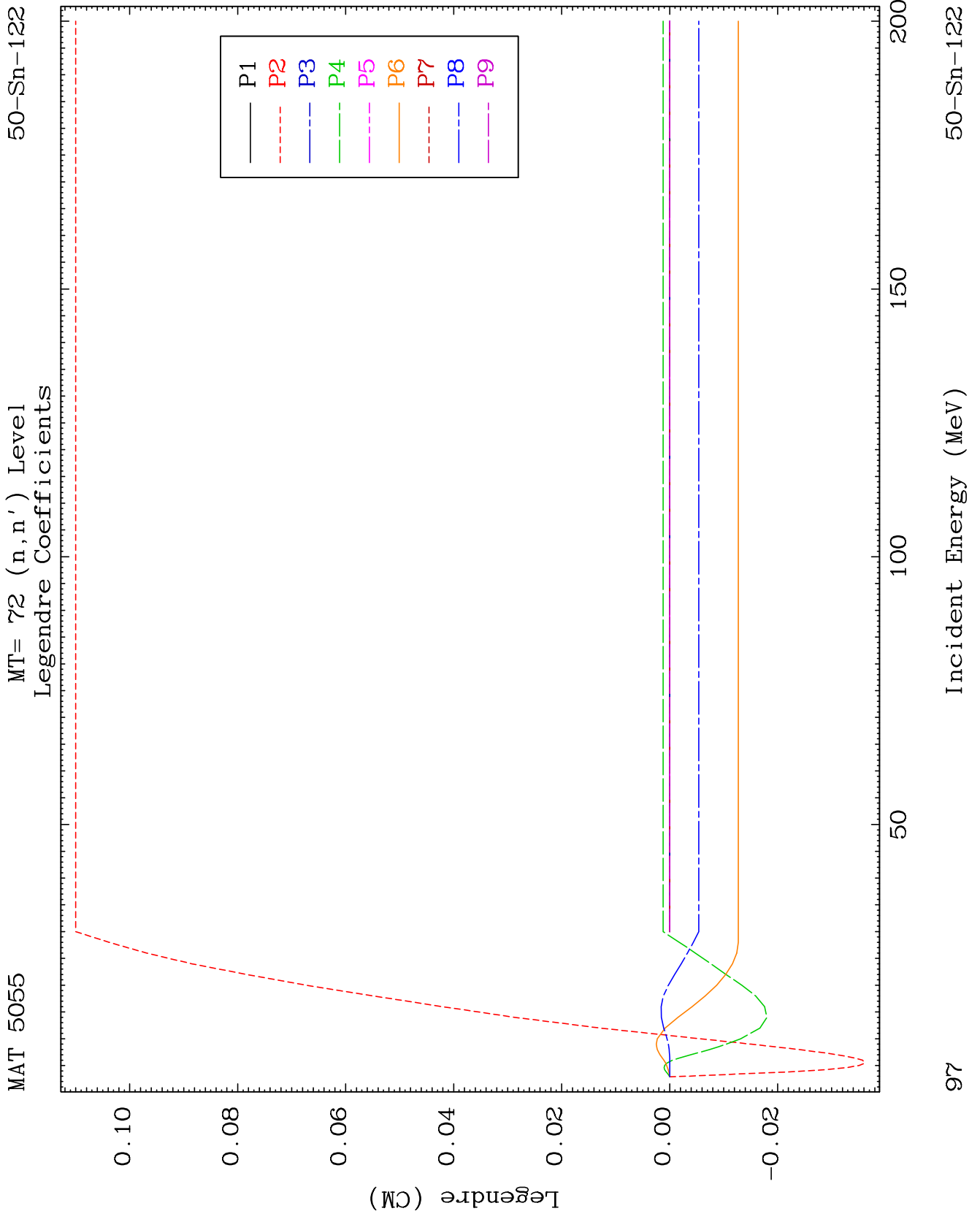


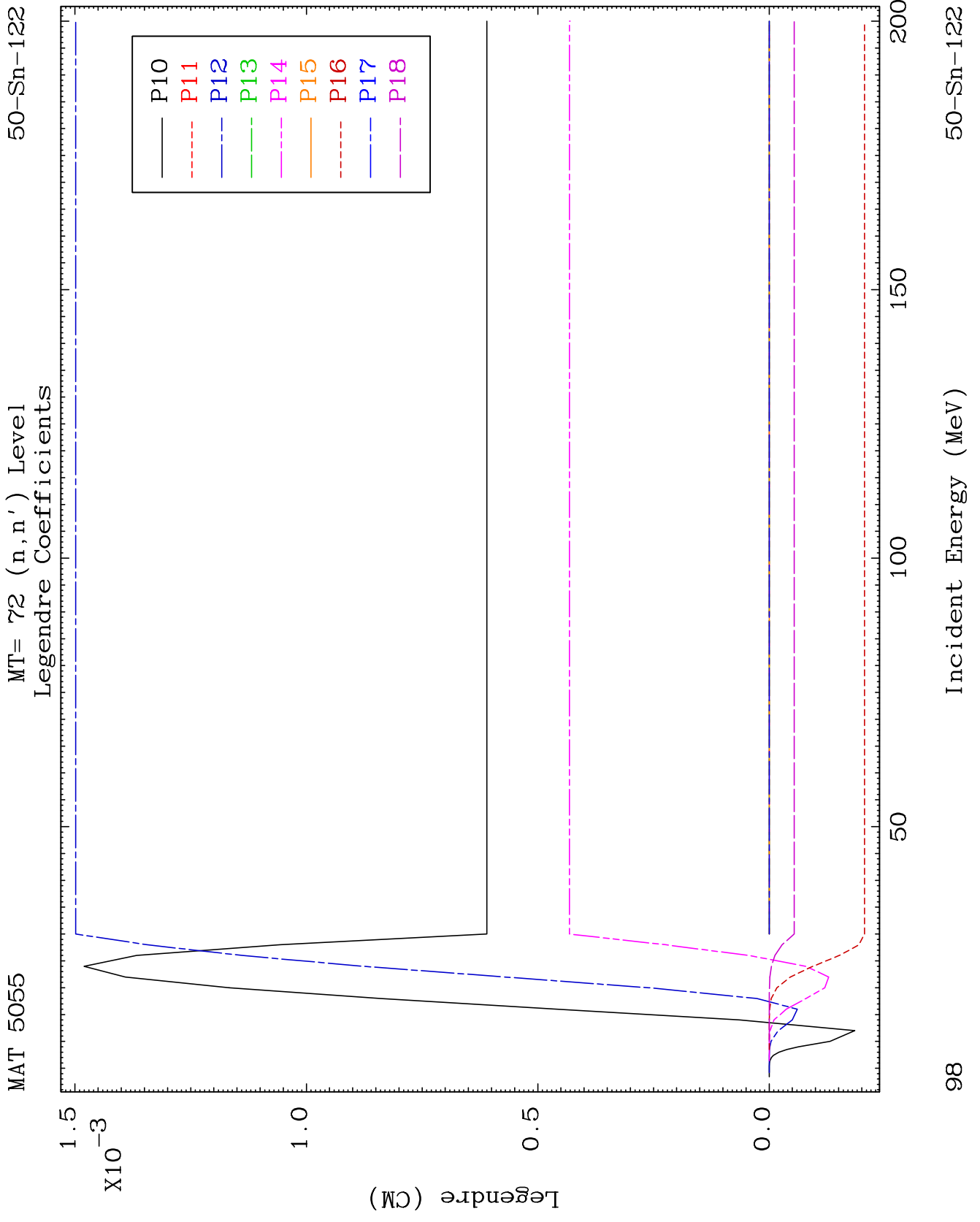
95

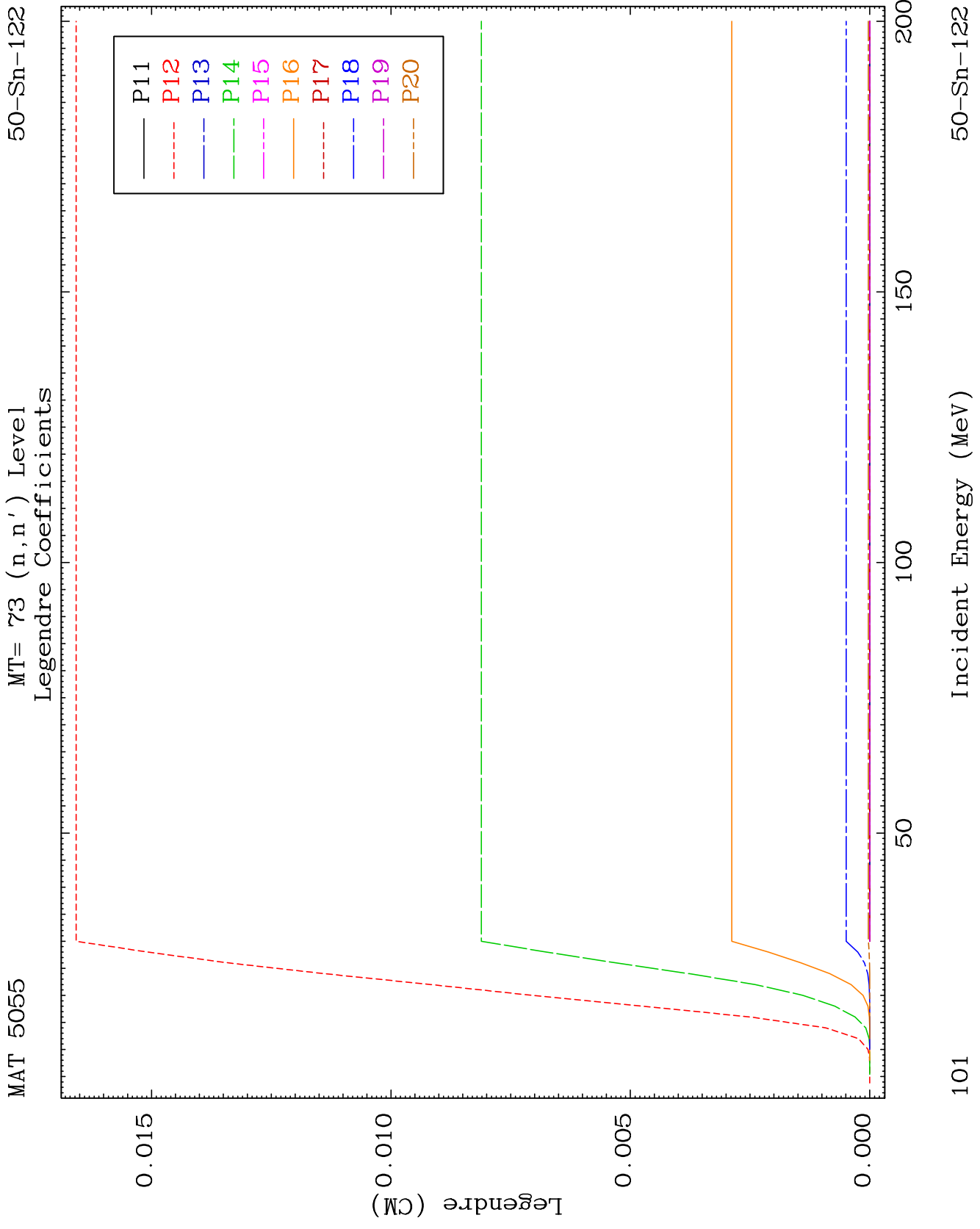
Incident Energy (MeV)

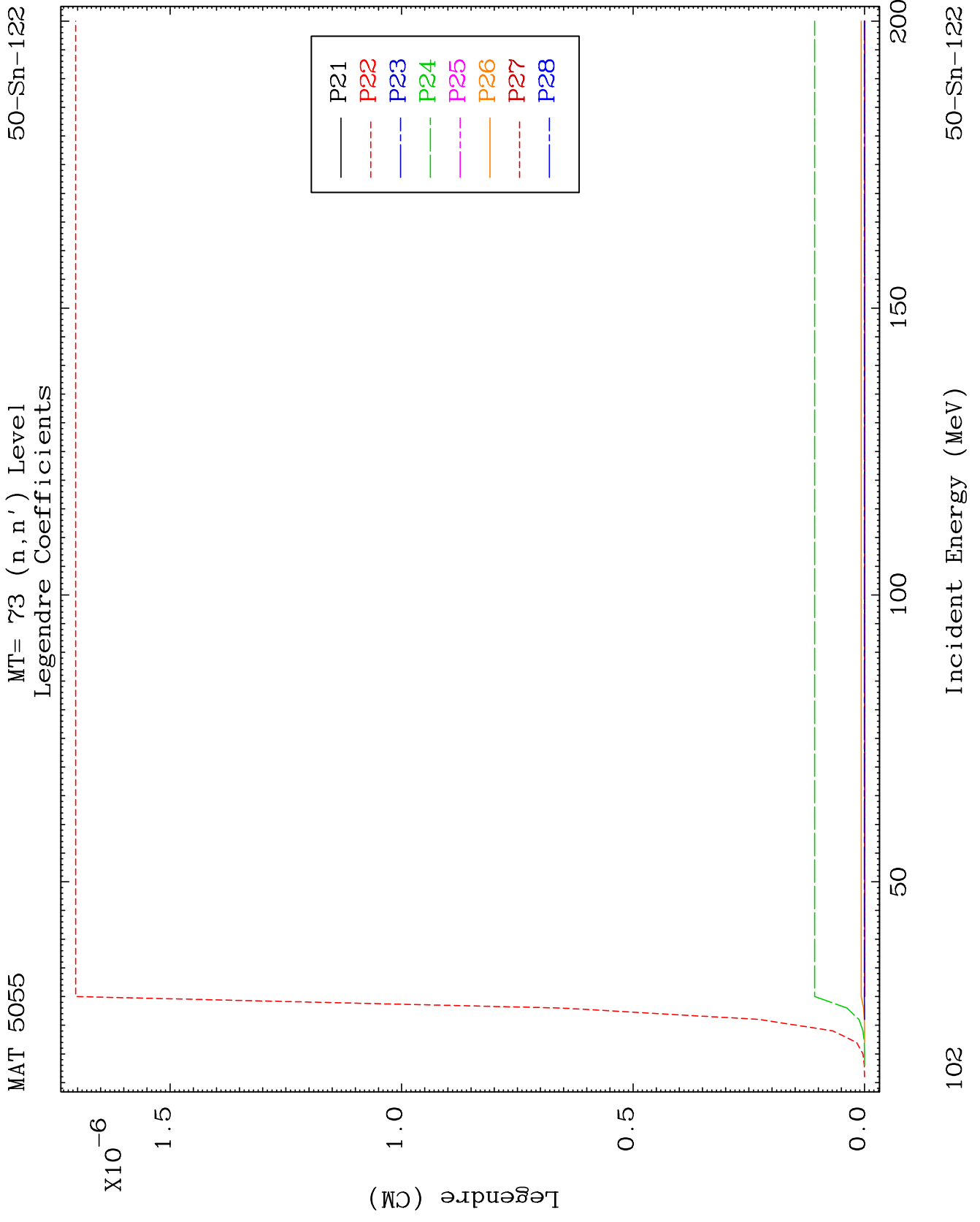
50-Sn-122

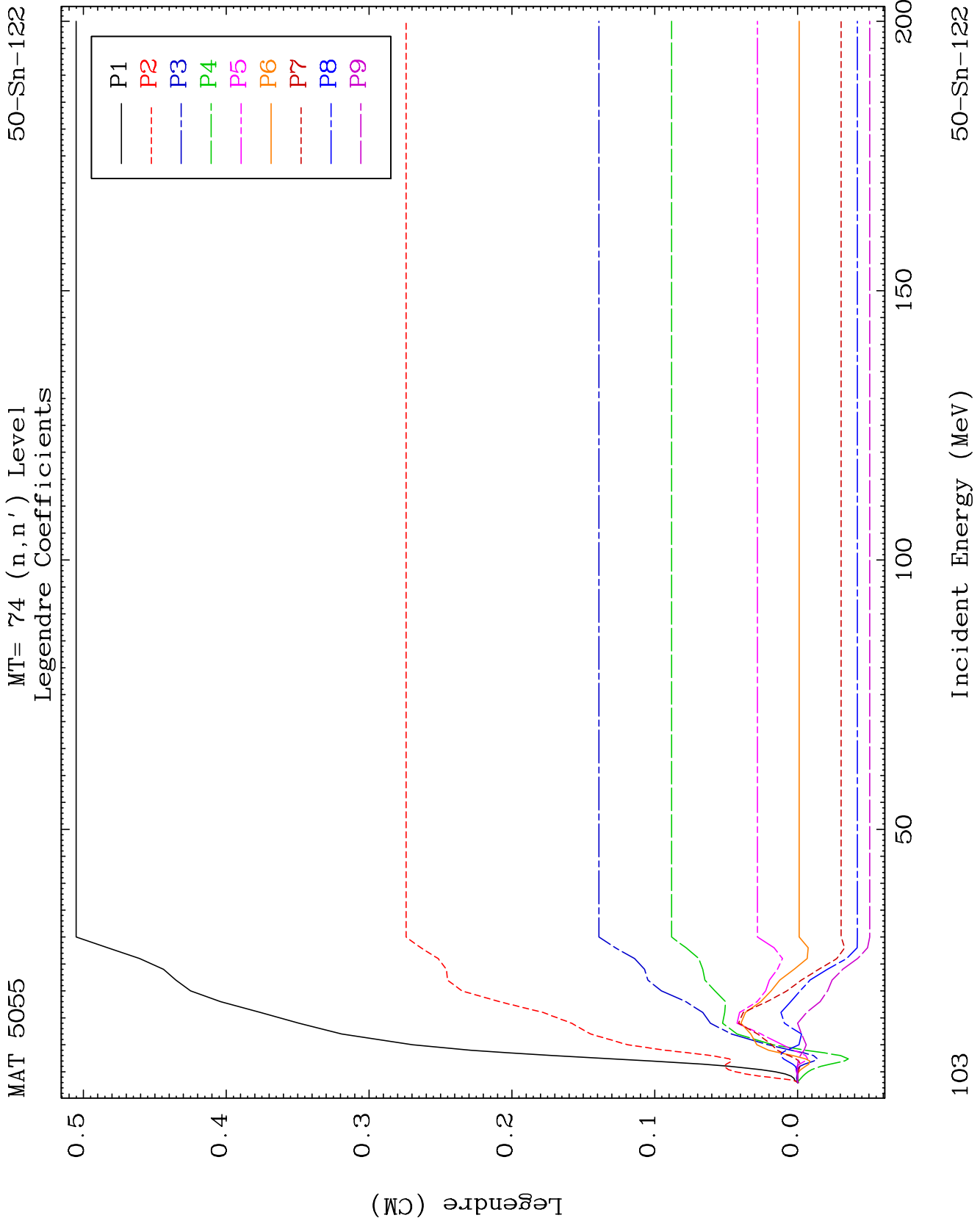


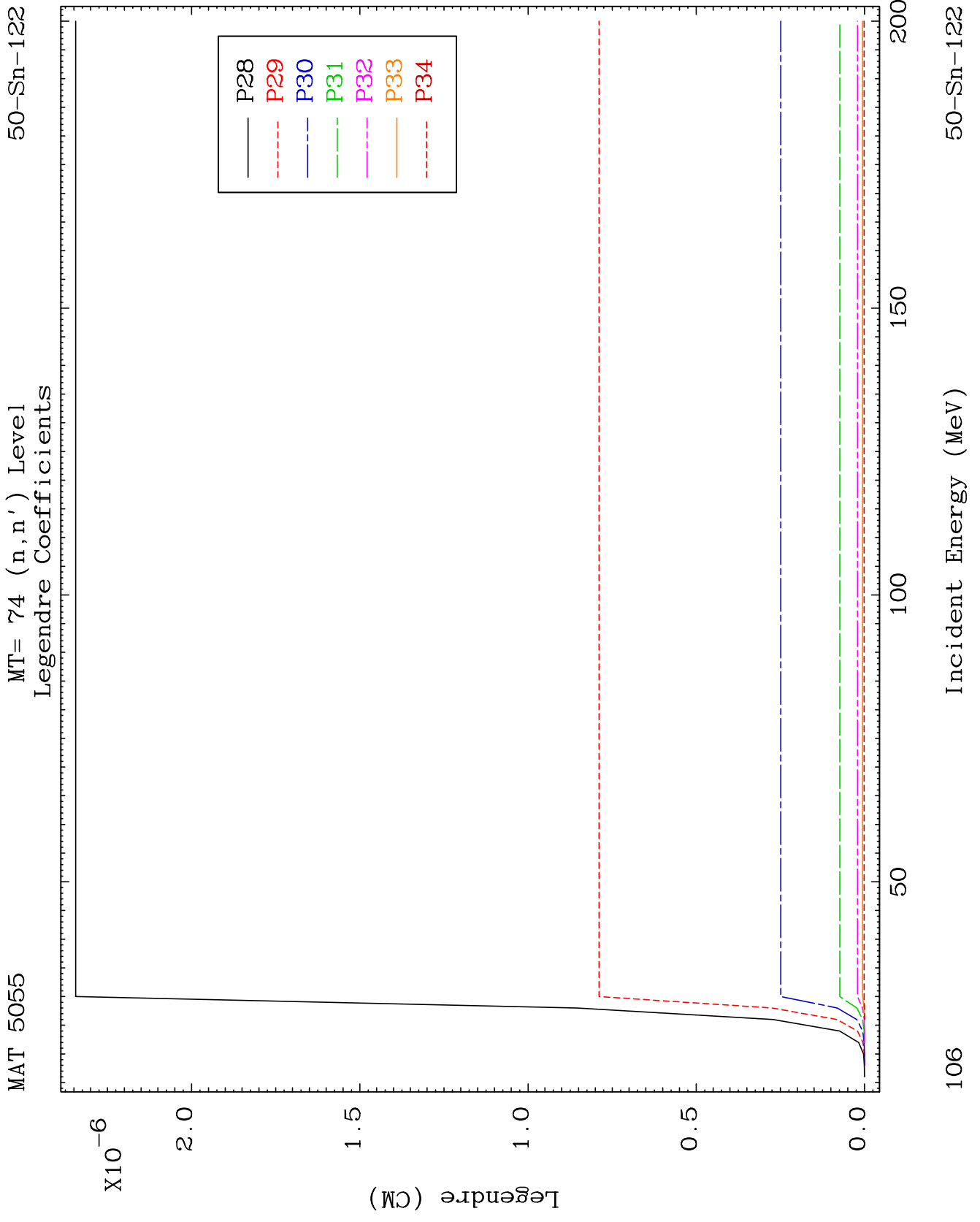


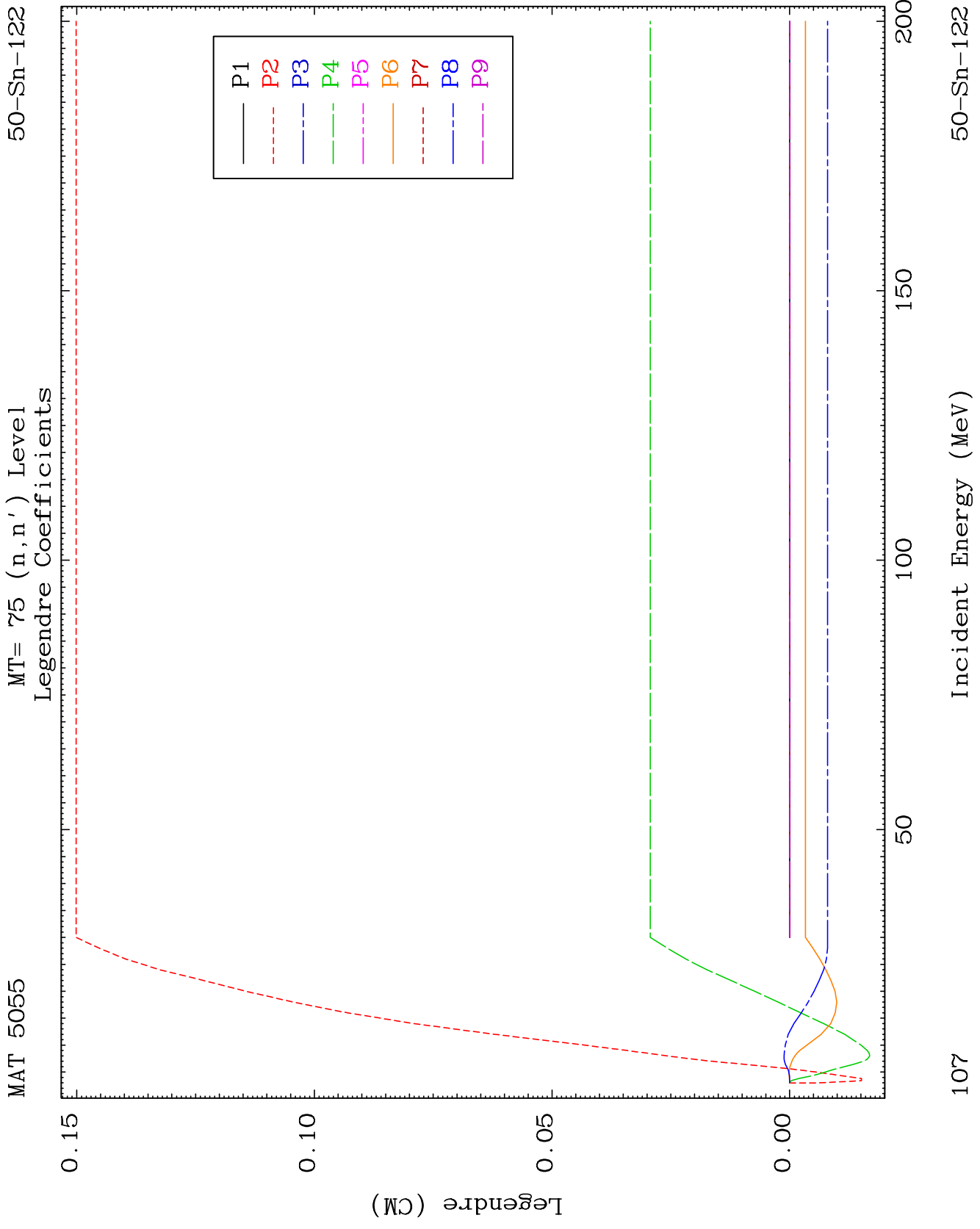


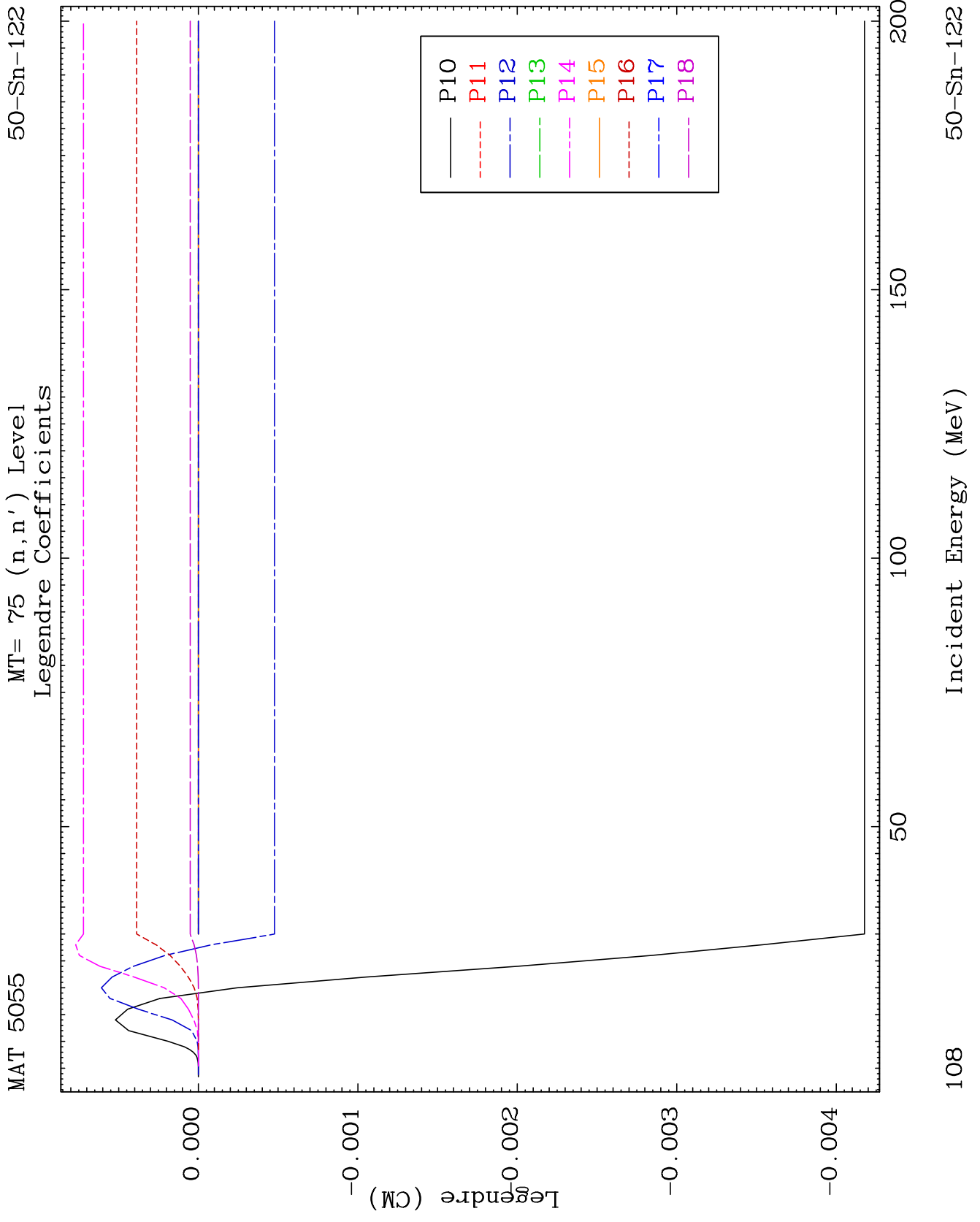


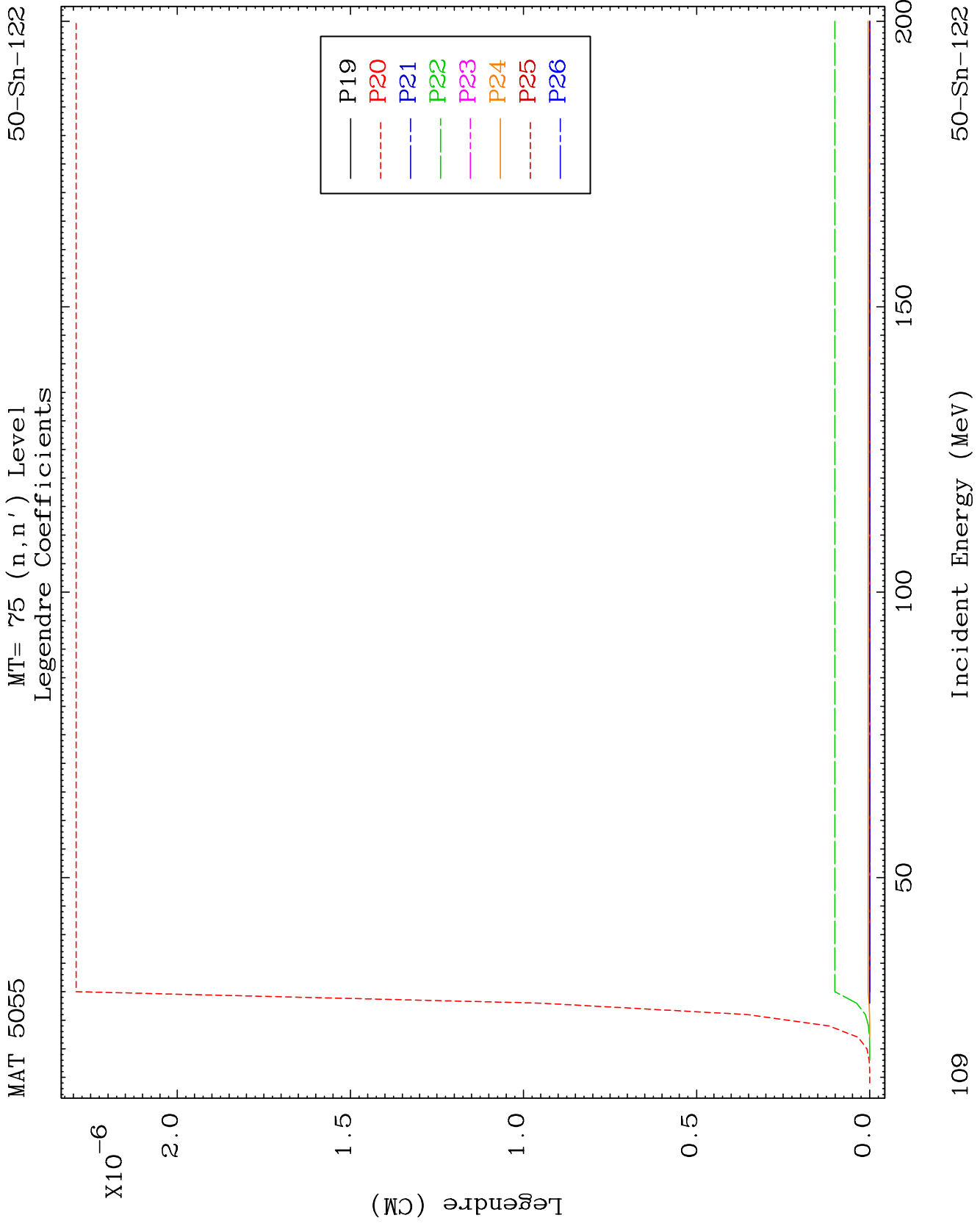








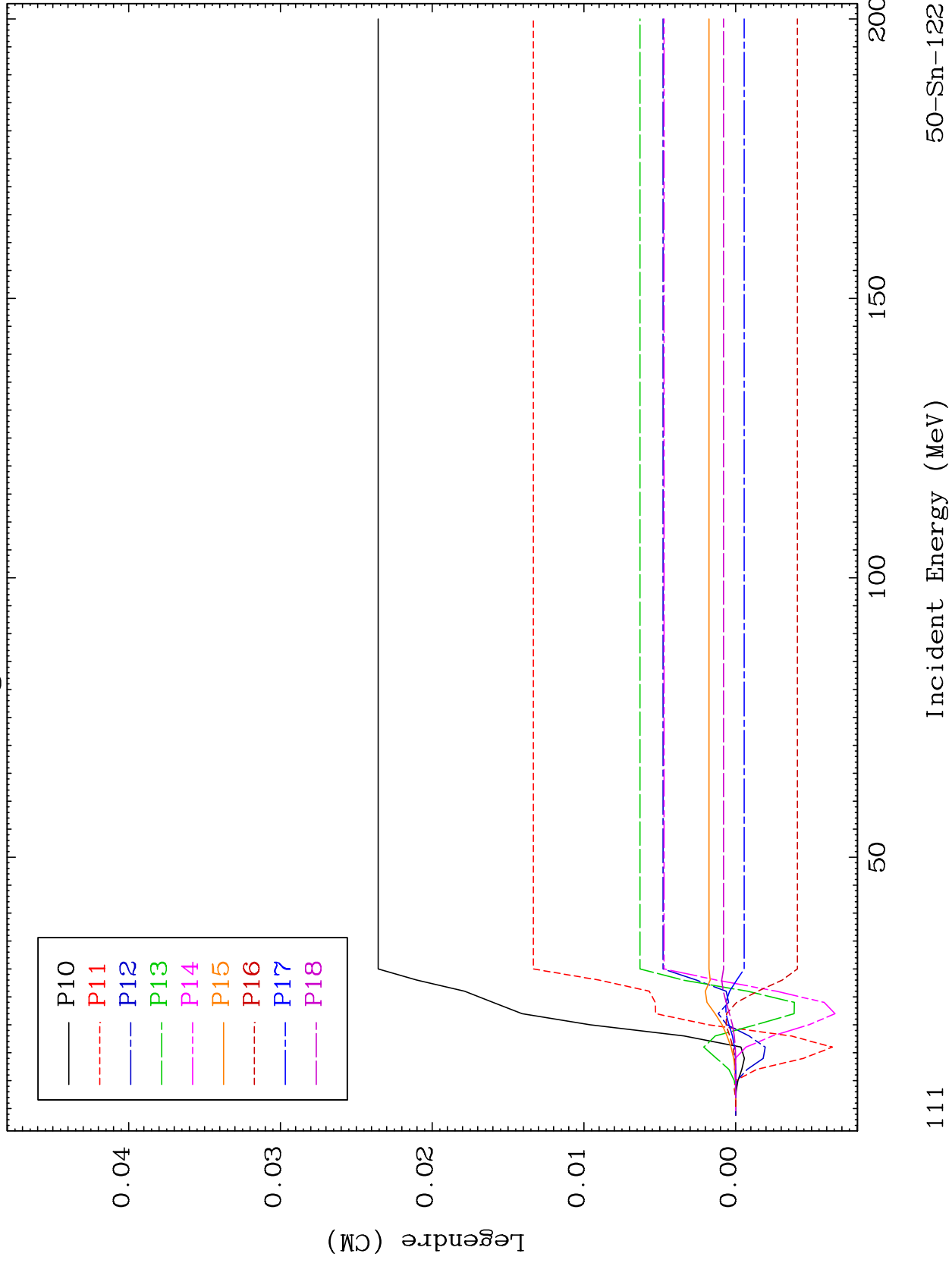




MAT 5055

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

50-Sn-122

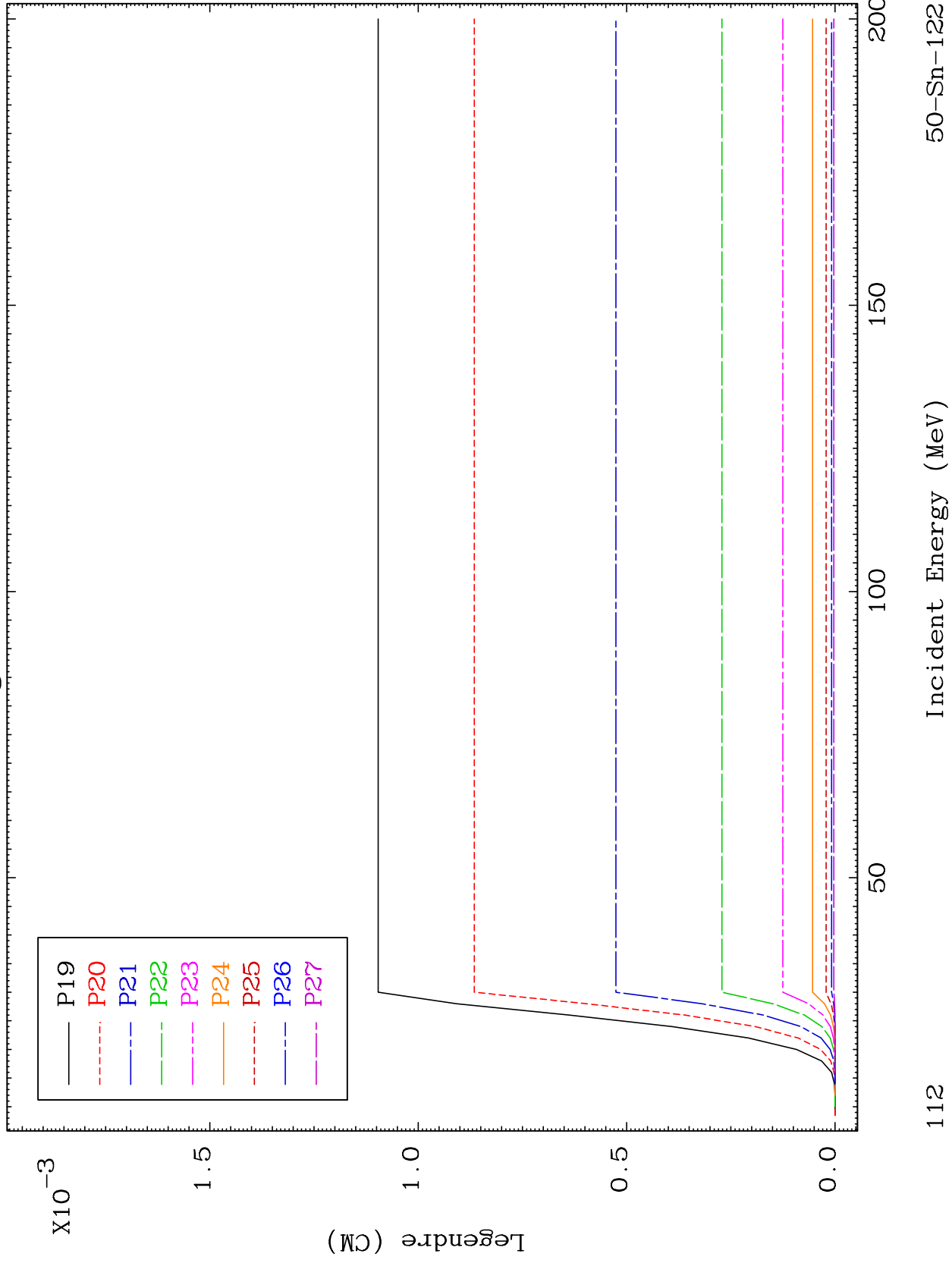


111

MAT 5055

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

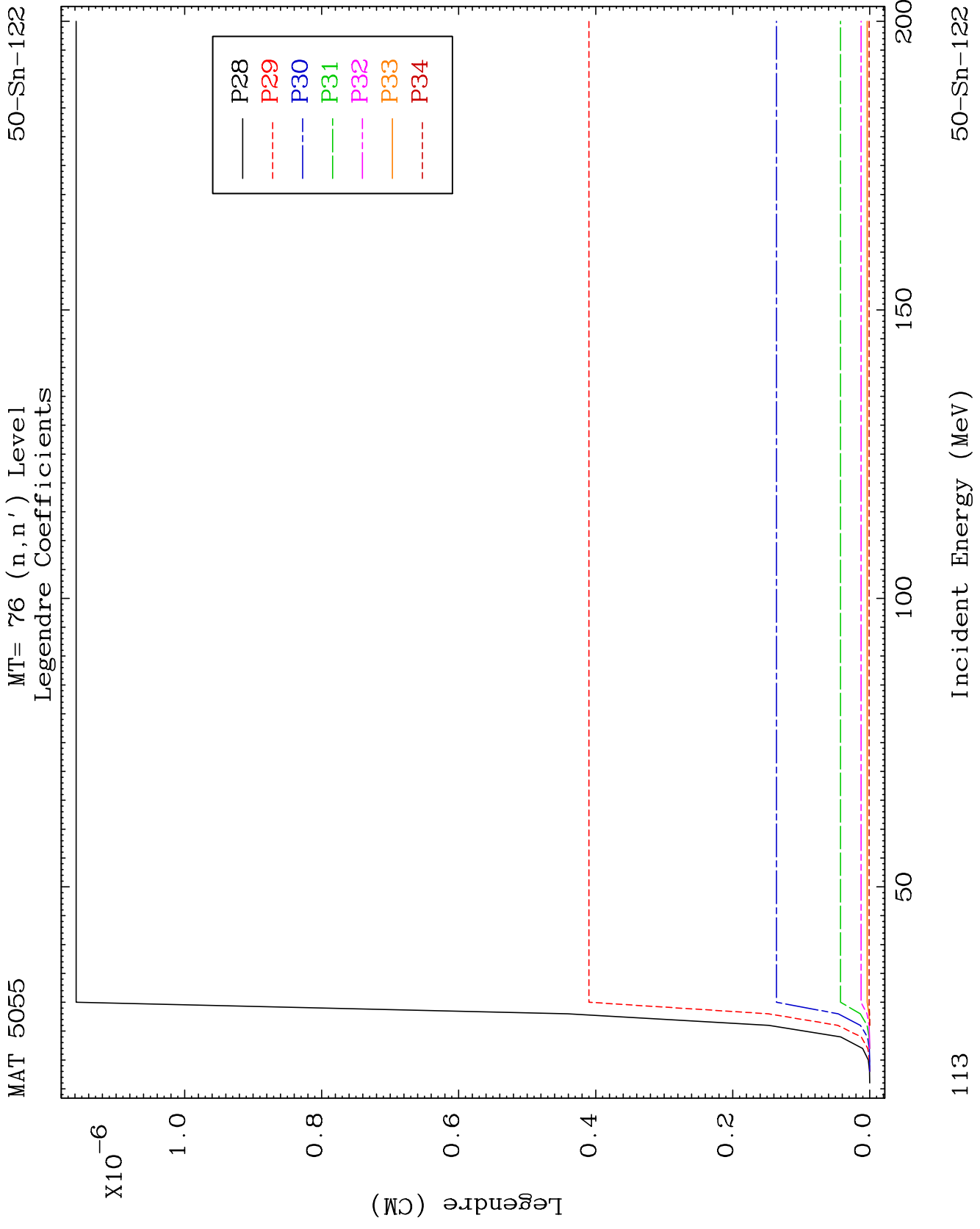
50-Sn-122

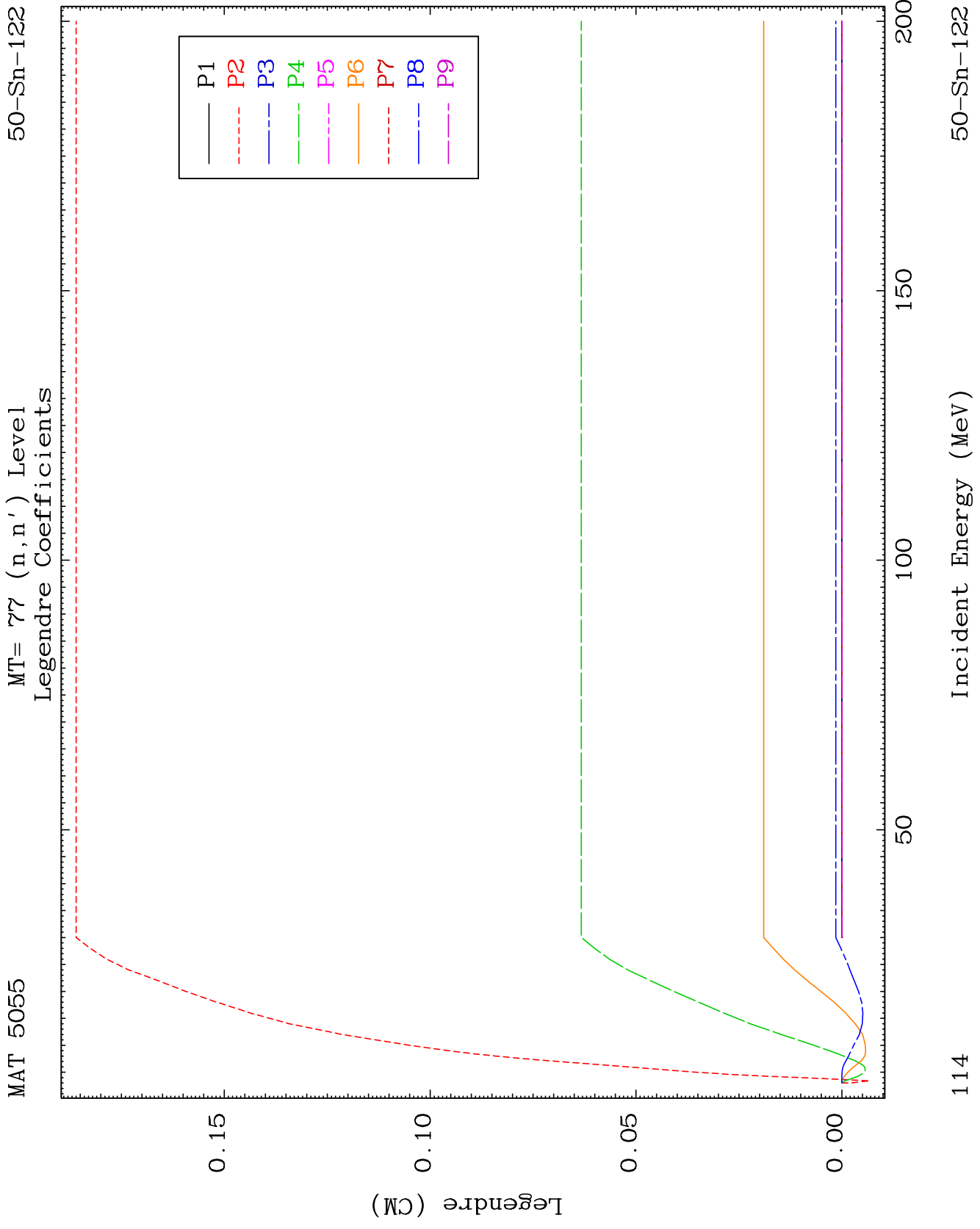


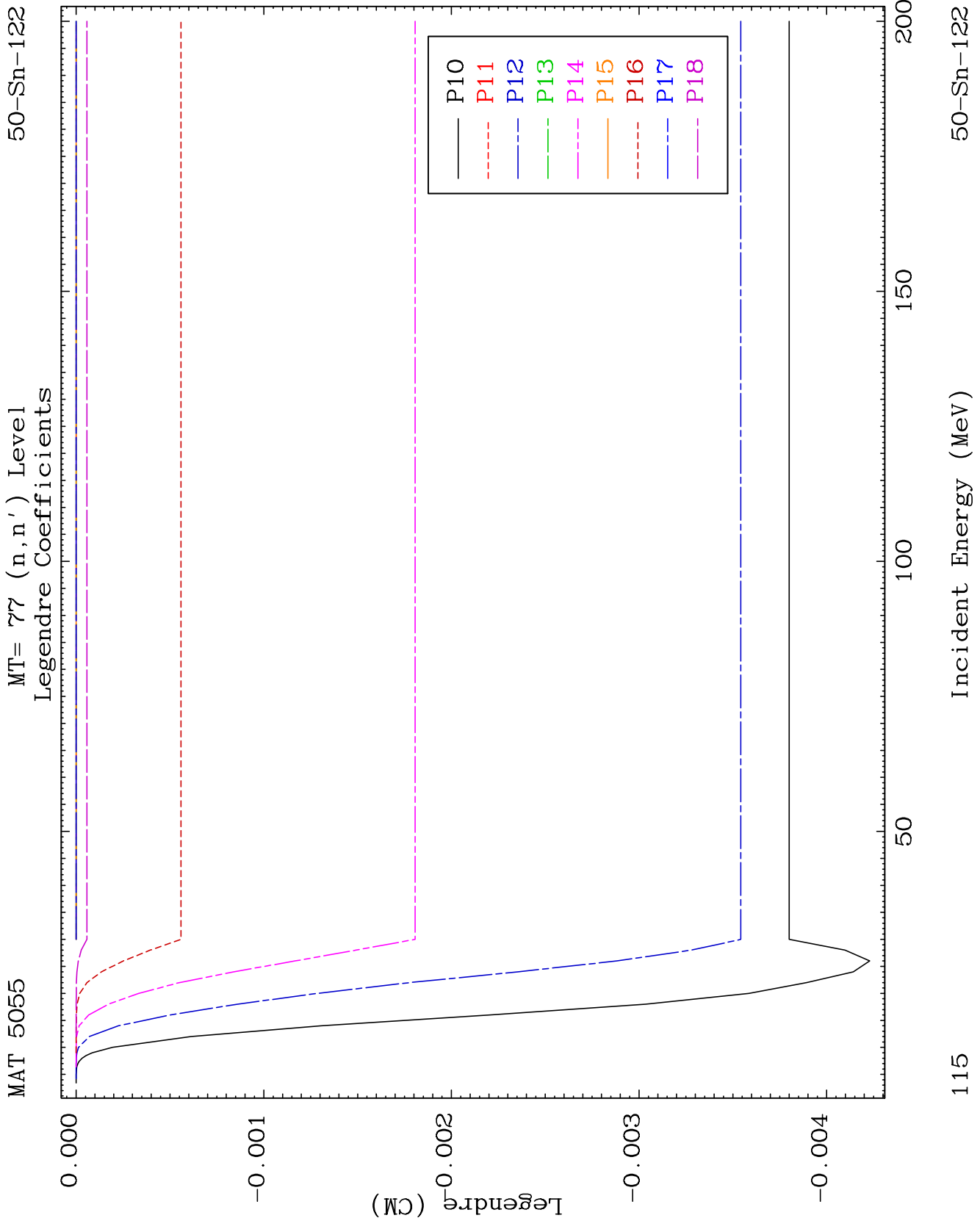
112

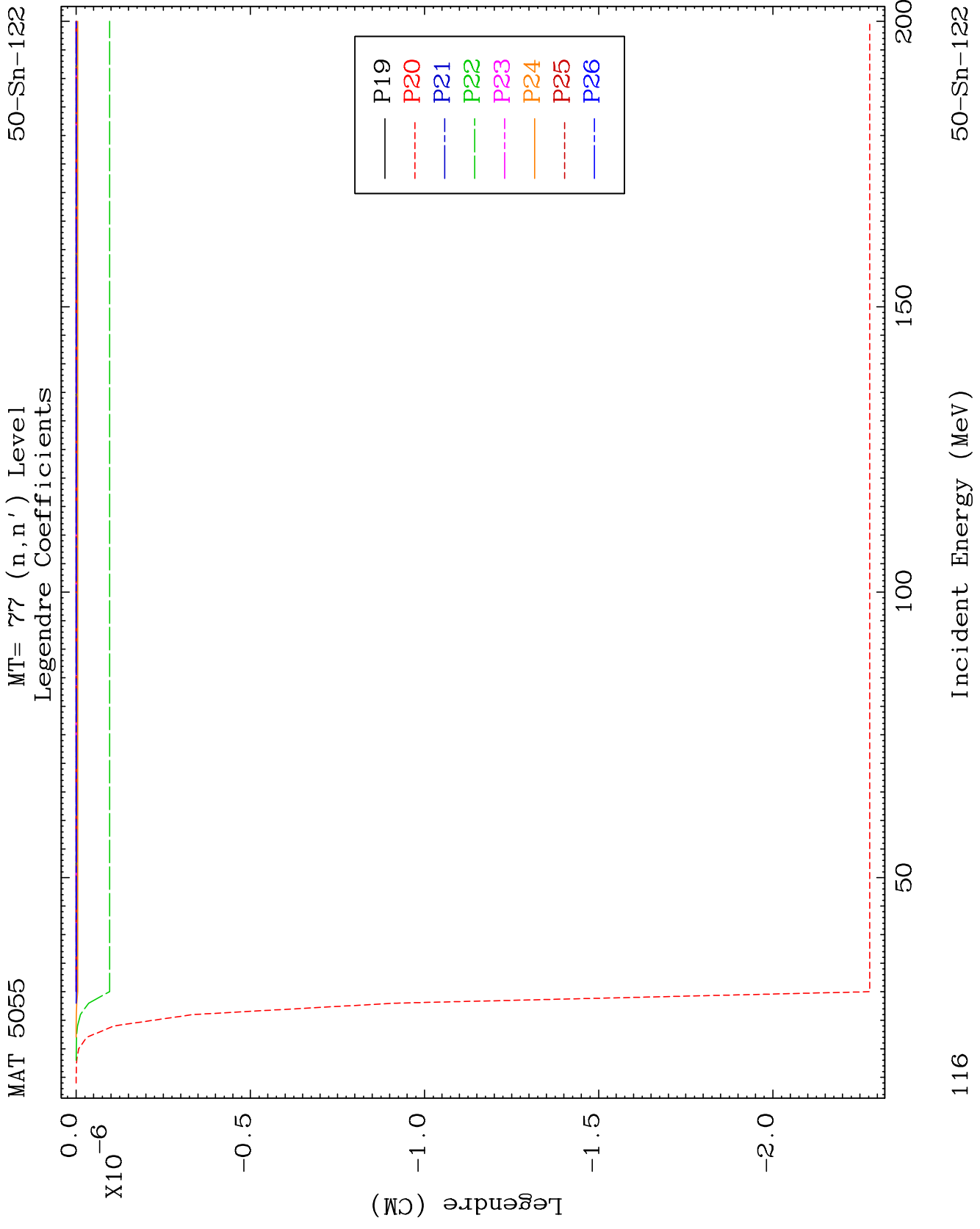
Incident Energy (MeV)

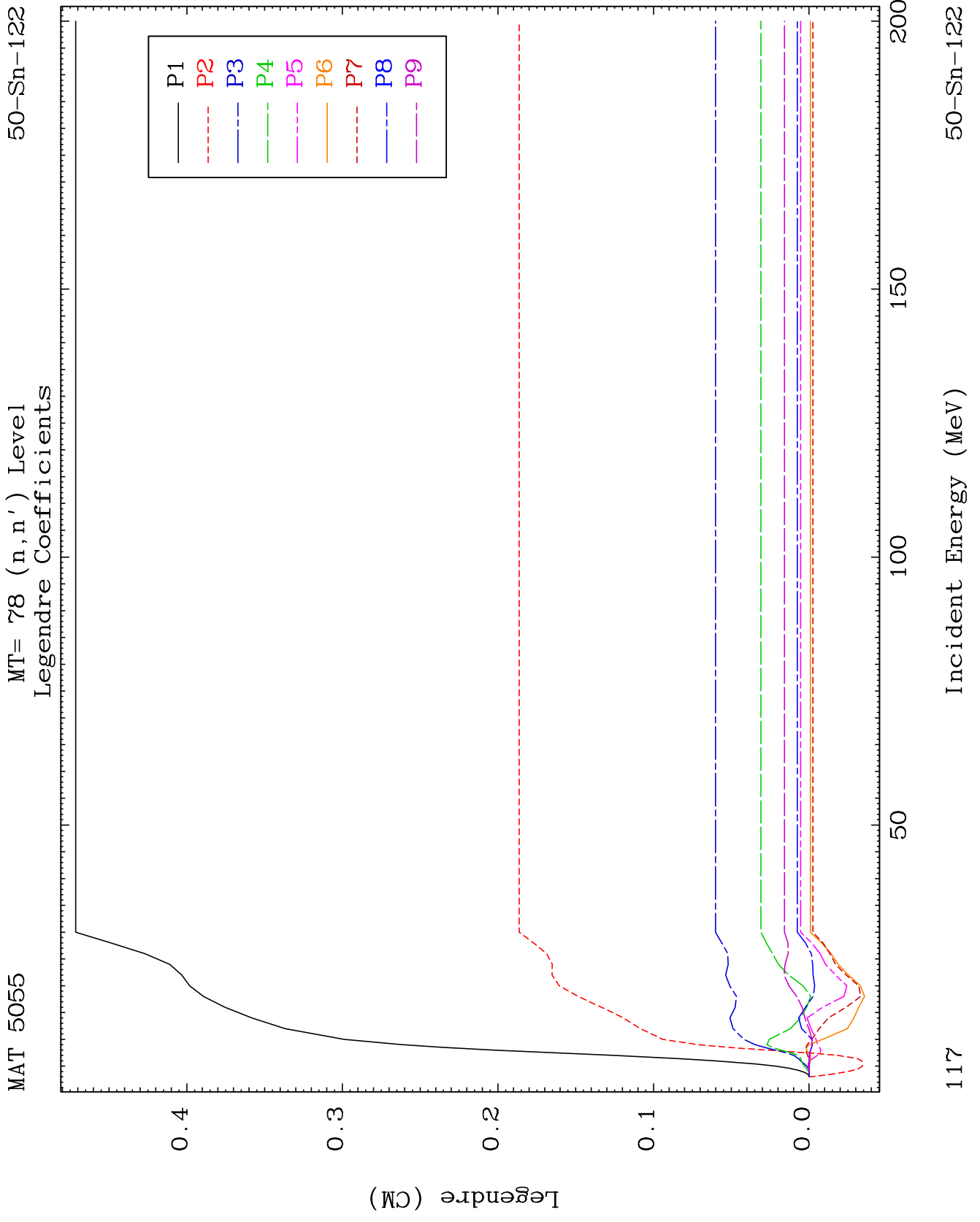
50-Sn-122







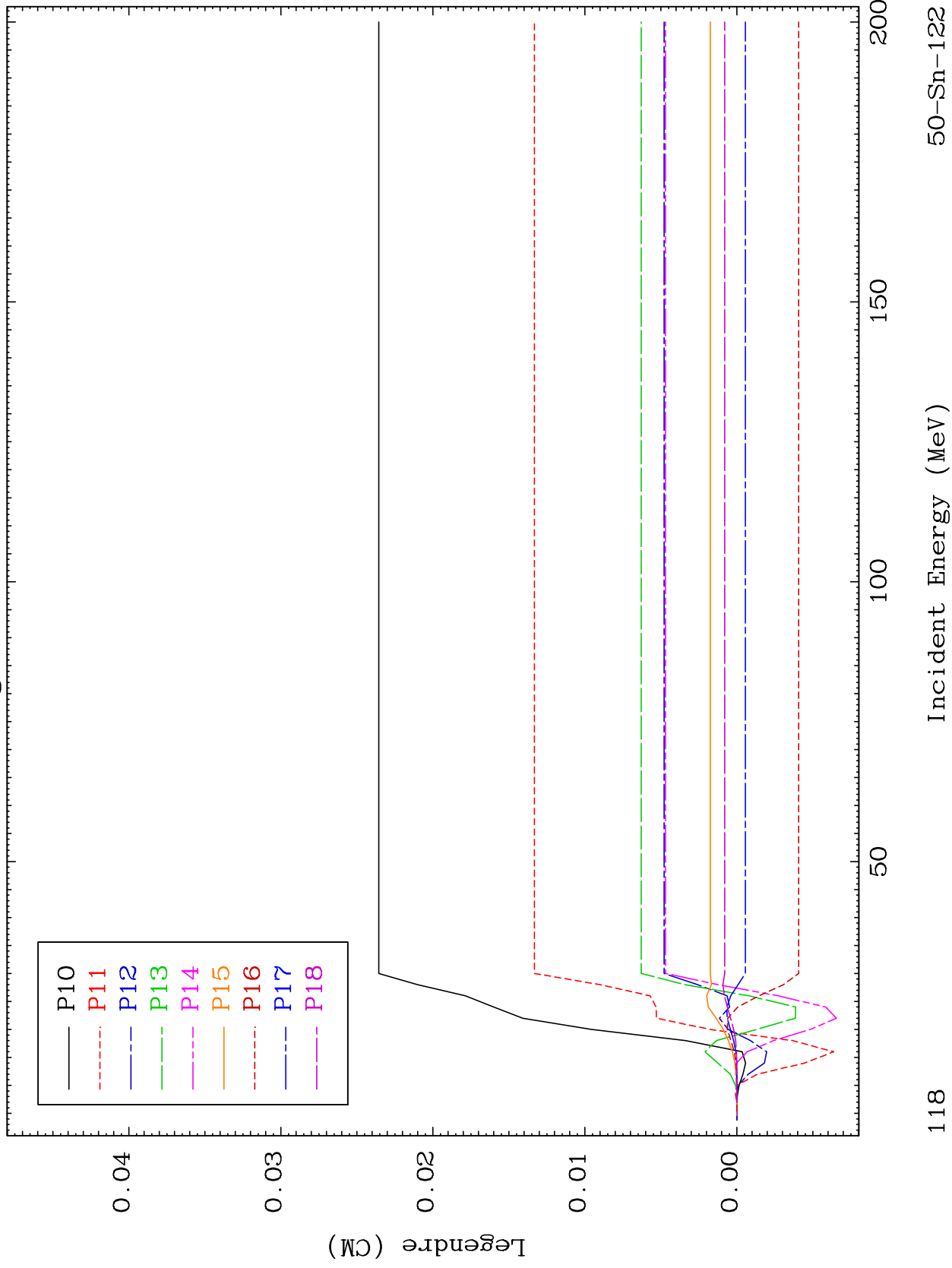




MAT 5055

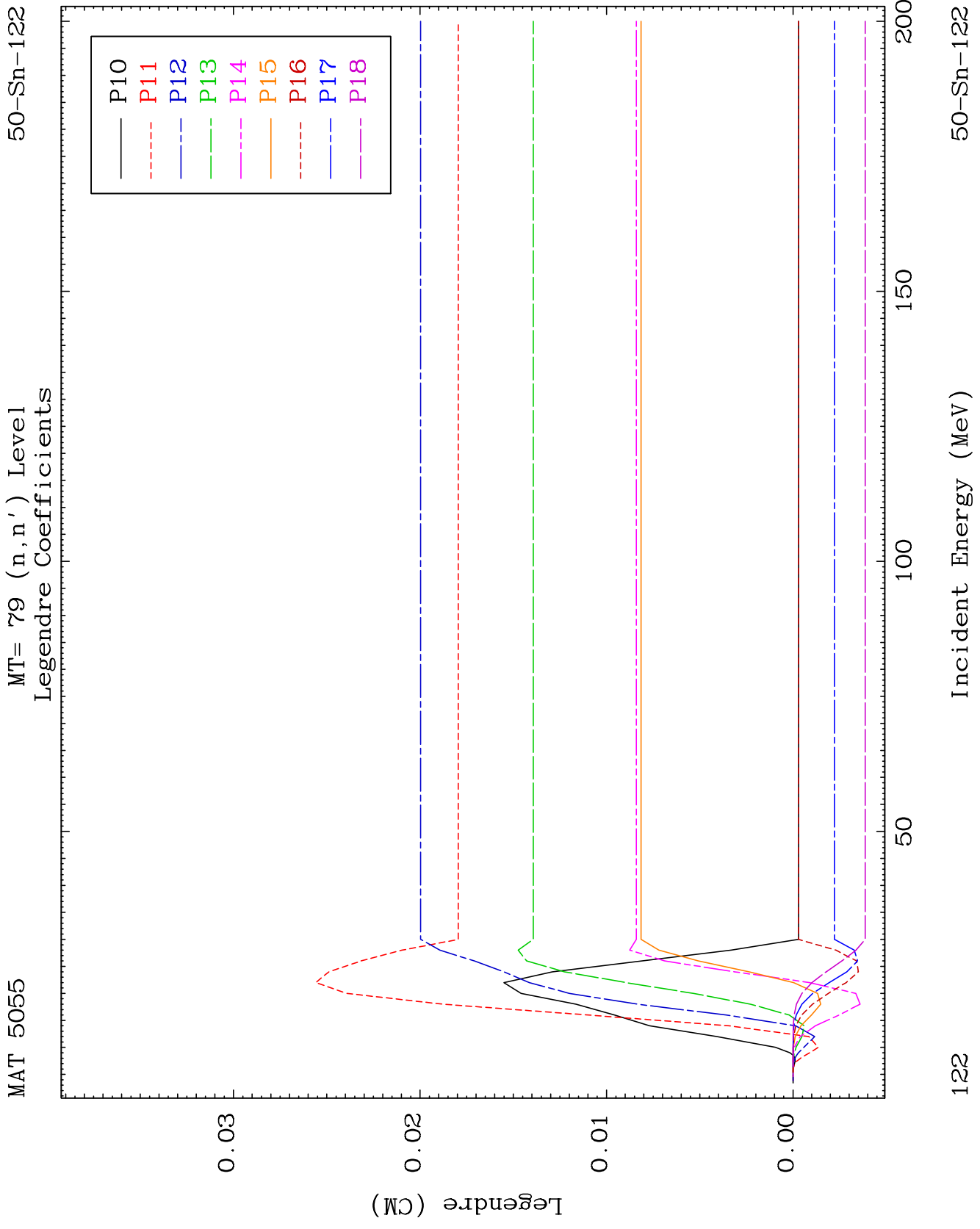
MT= 78 (n,n') Level
Legendre Coefficients

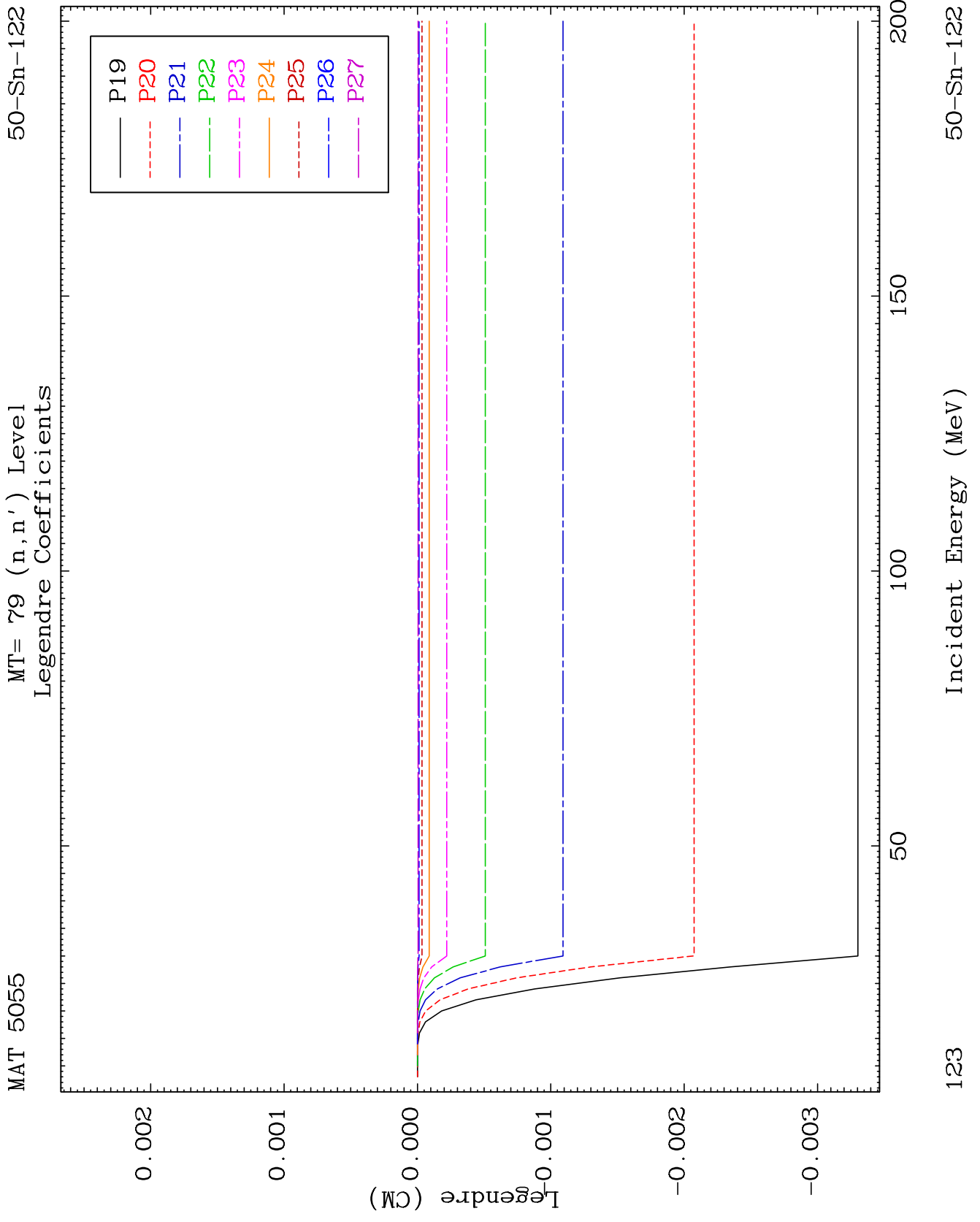
50-Sn-122

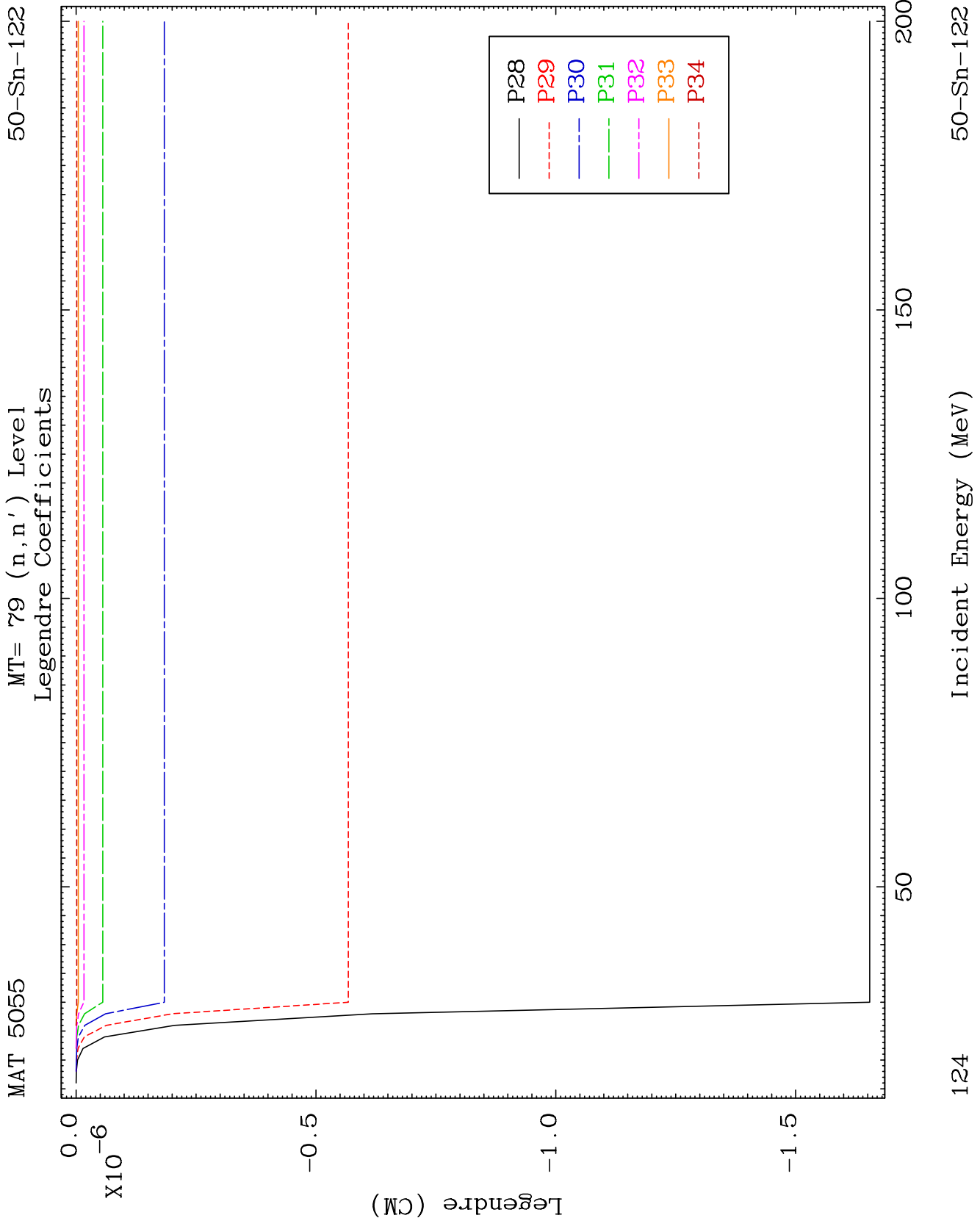


118

50-Sn-122



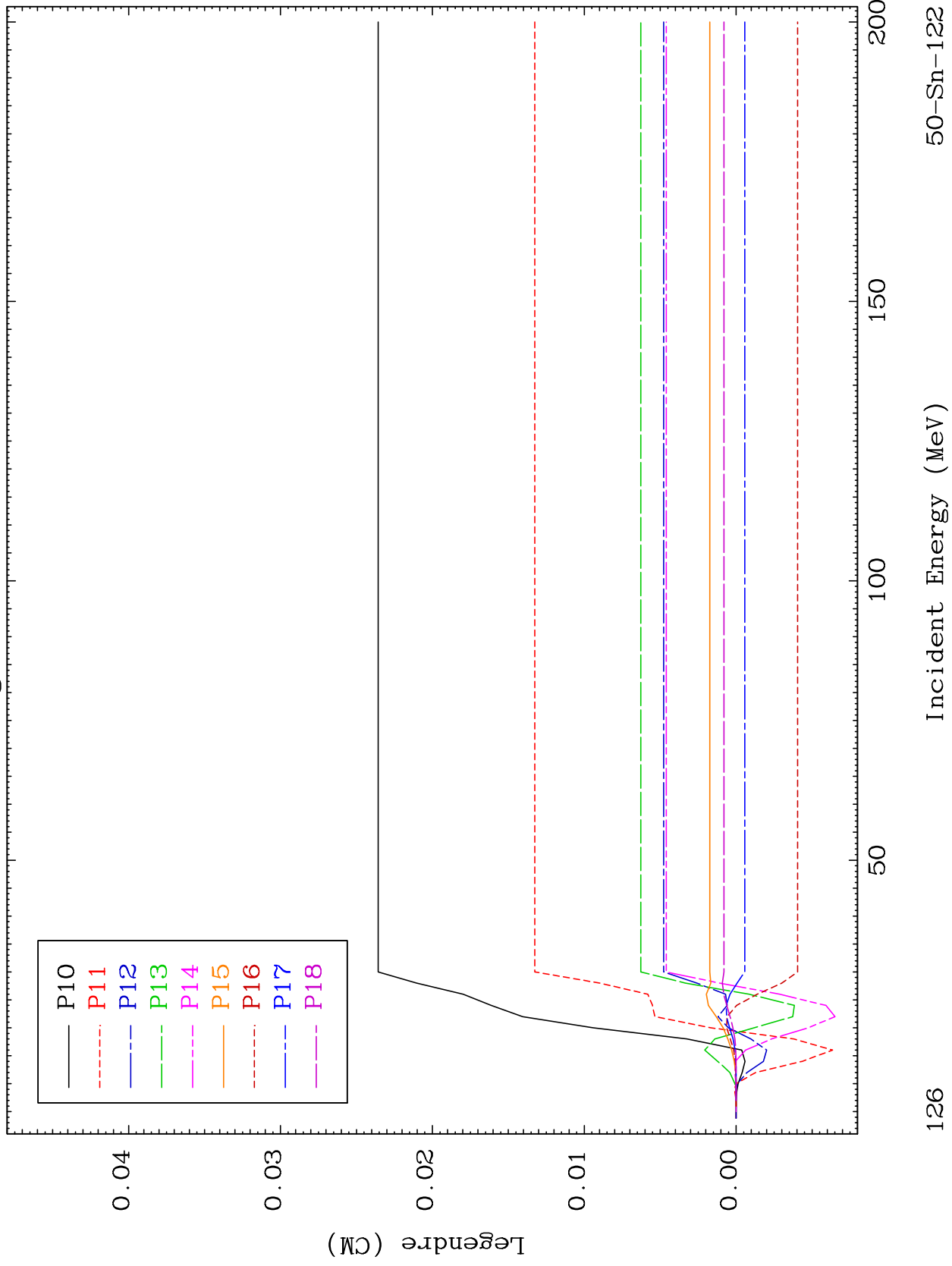




MAT 5055

MT= 80 (n,n') Level
Legendre Coefficients

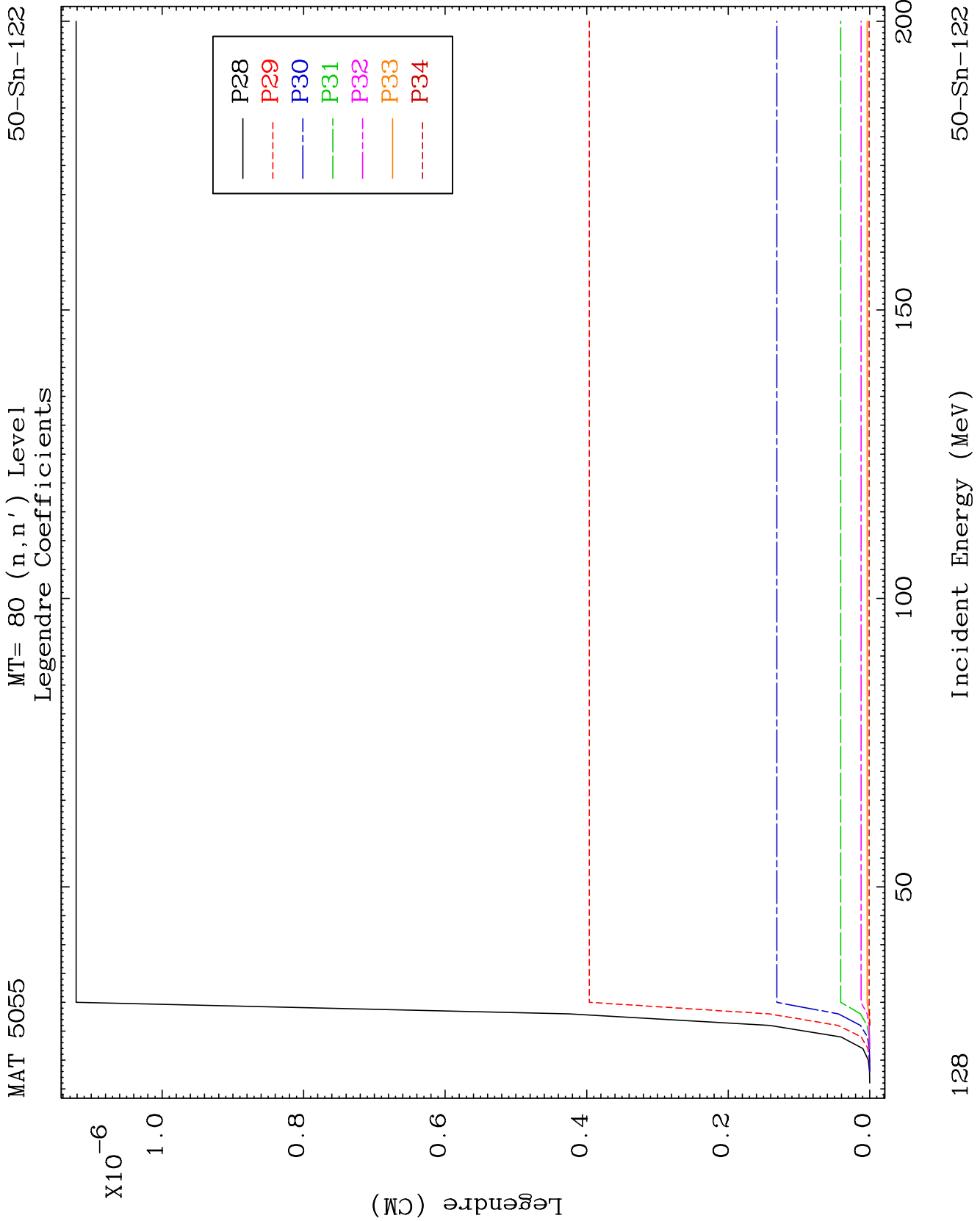
50-Sn-122



126

Incident Energy (MeV)

50-Sn-122

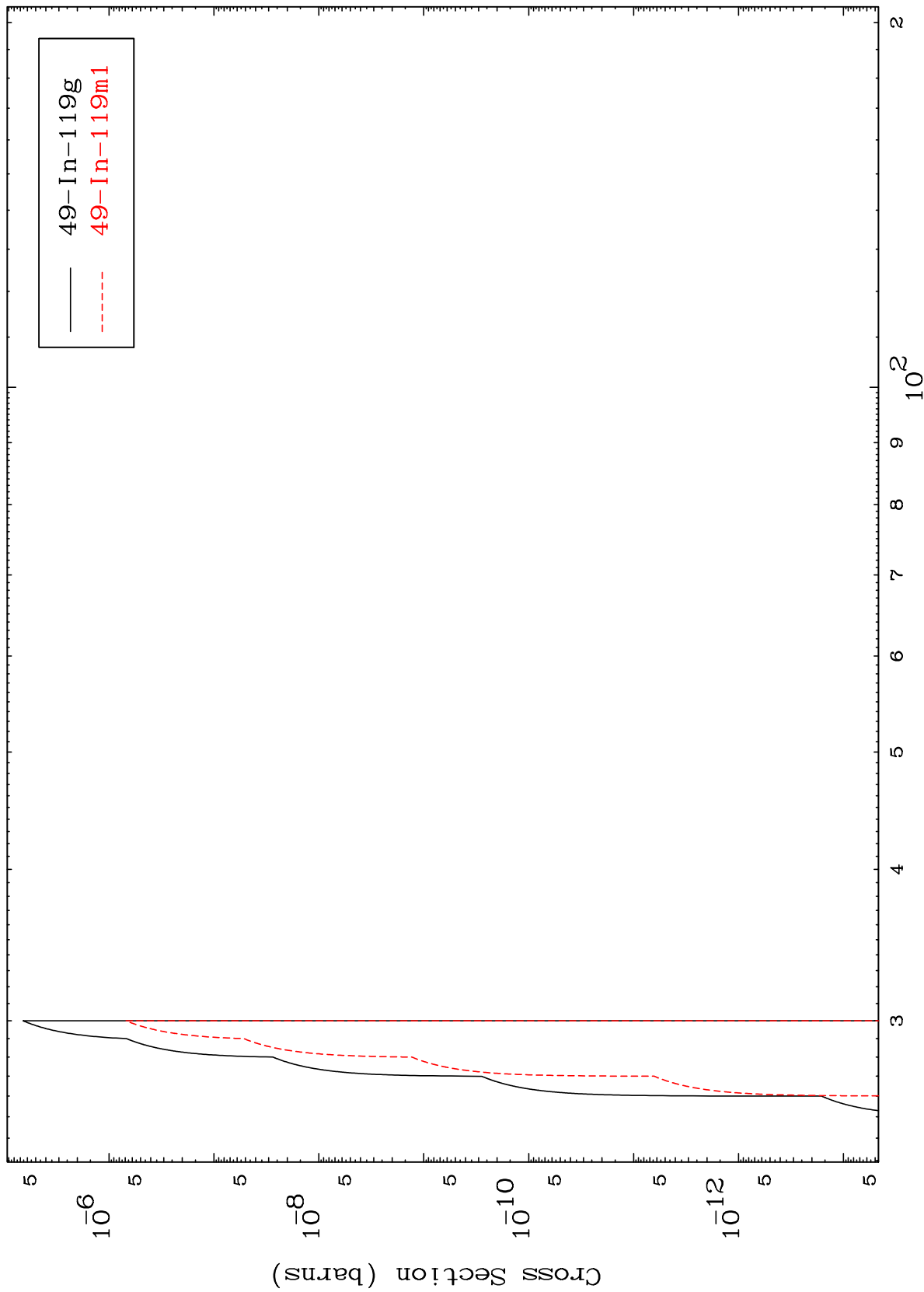


MAT 5055

(n,2n) d

50-Sn-122

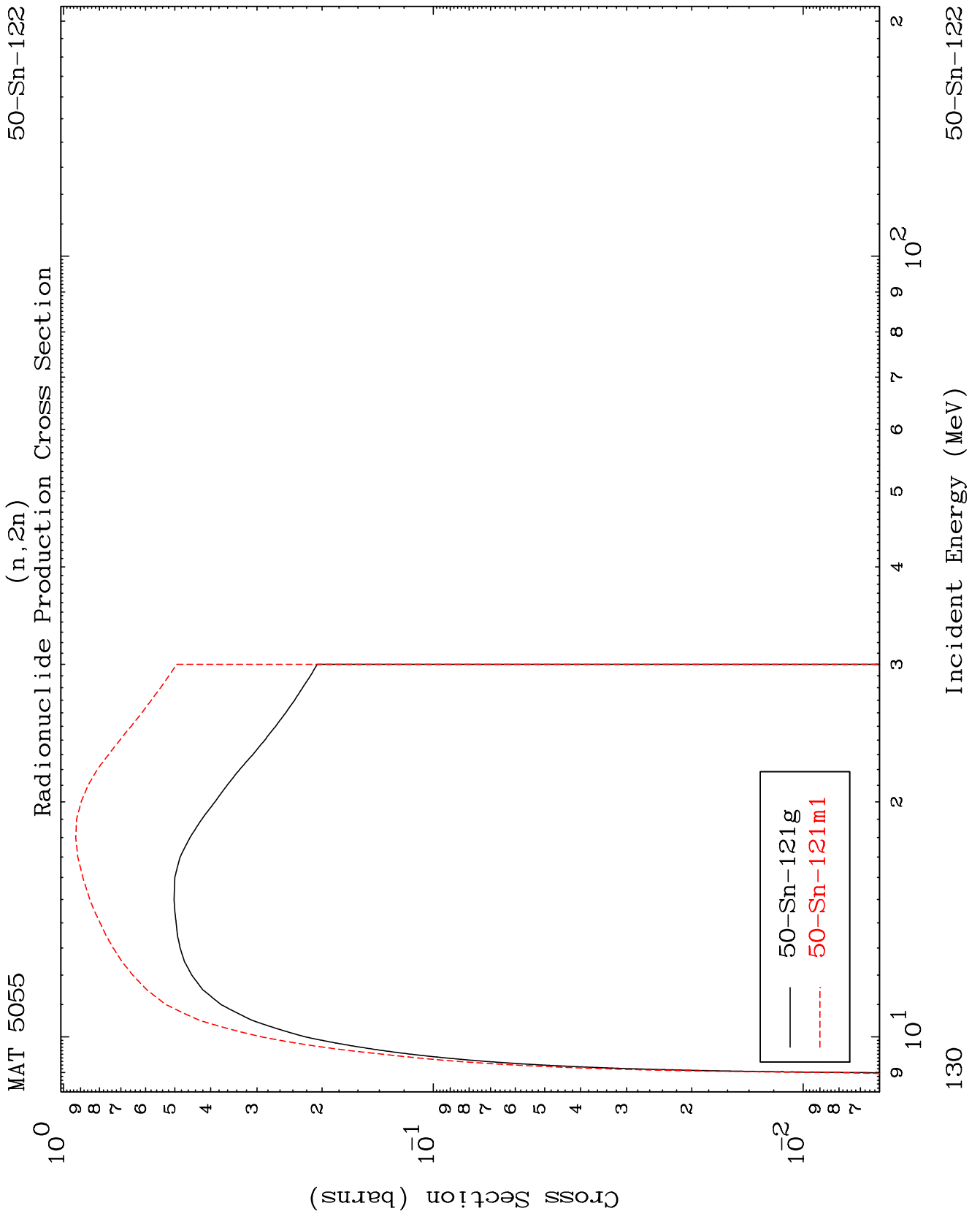
Radionuclide Production Cross Section



129

Incident Energy (MeV)

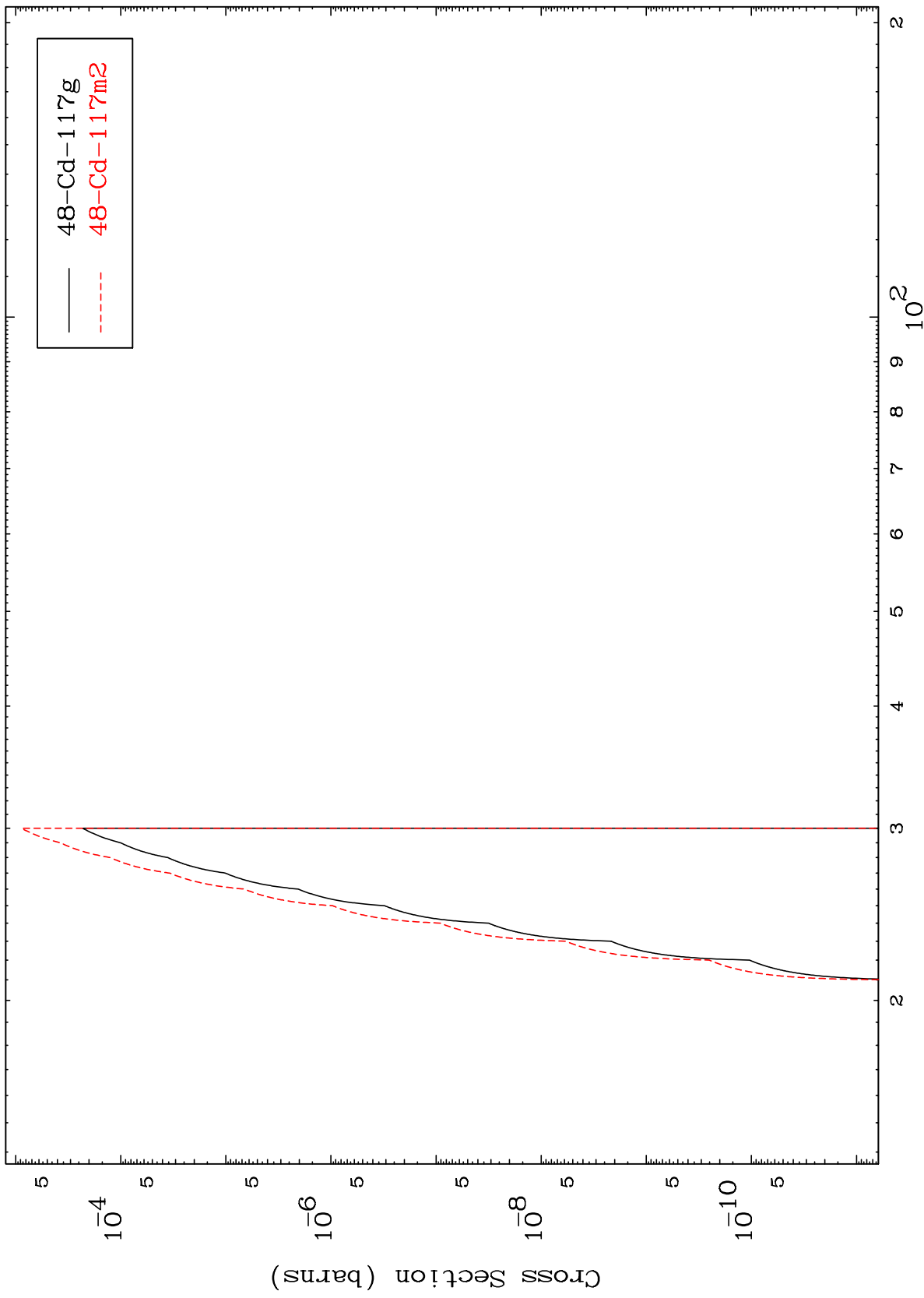
50-Sn-122



MAT 5055

50-Sn-122

(n,2n) α
Radionuclide Production Cross Section



50-Sn-122

Incident Energy (MeV)

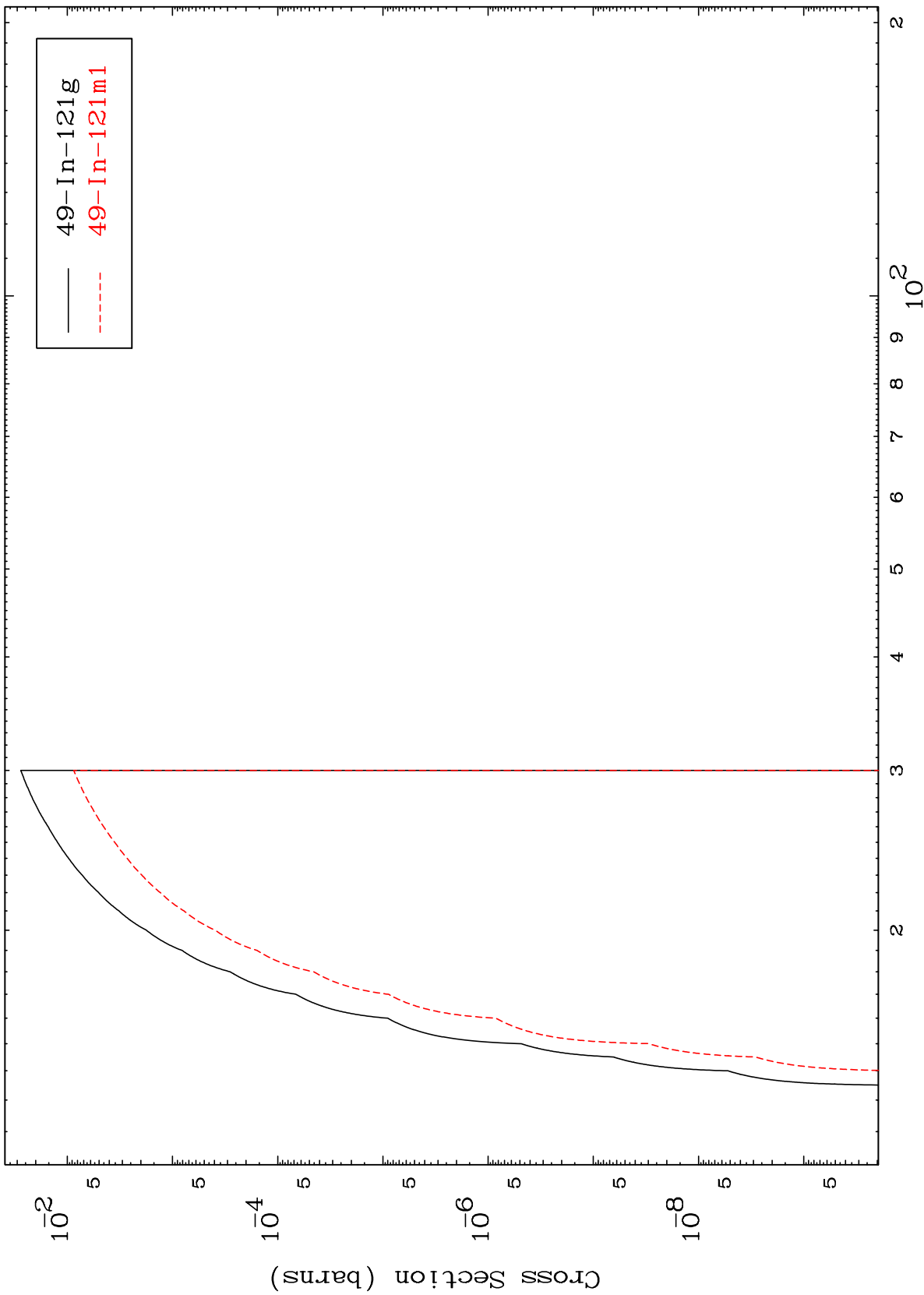
131

MAT 5055

(n,n') p

50-Sn-122

Radionuclide Production Cross Section

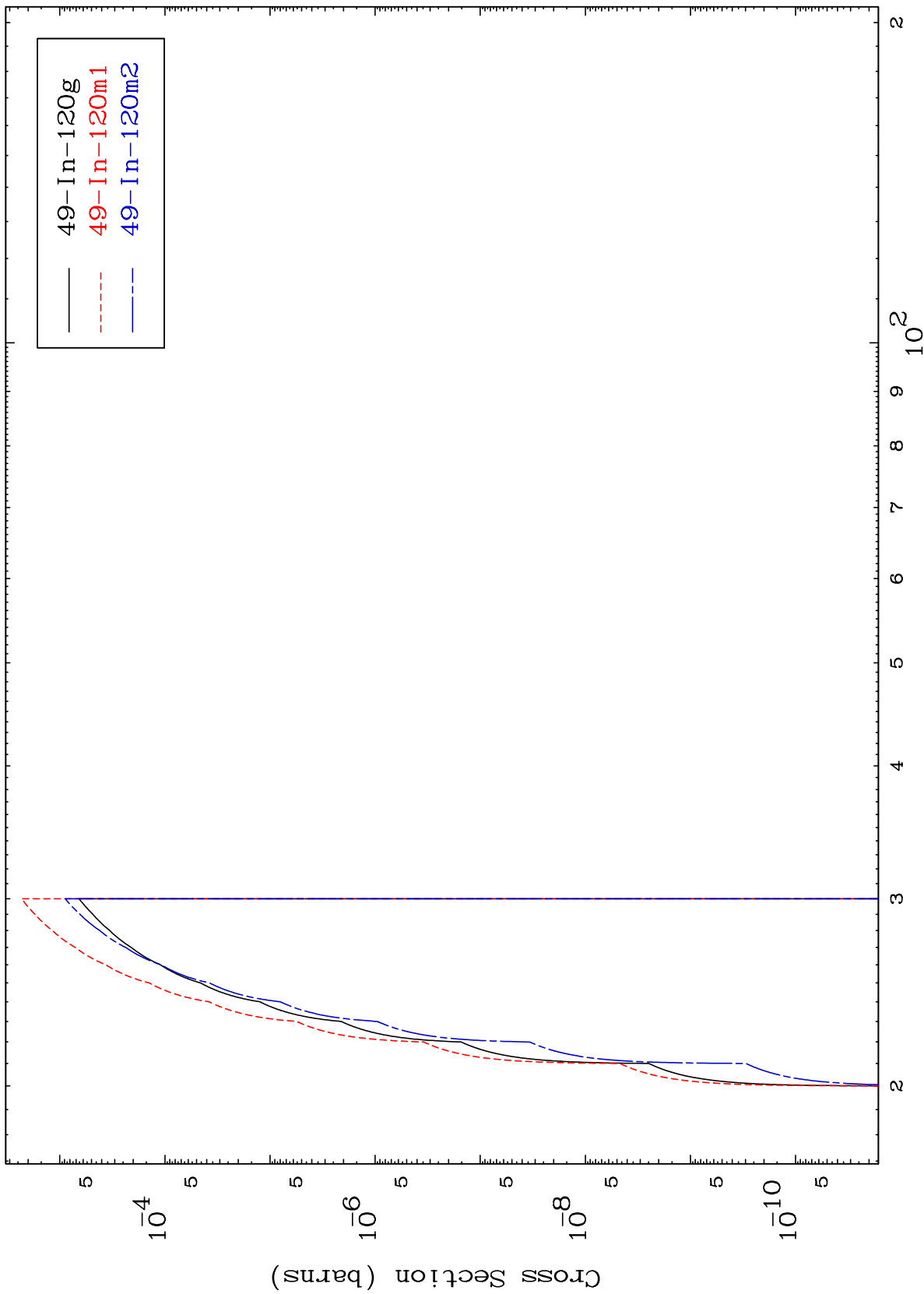


132

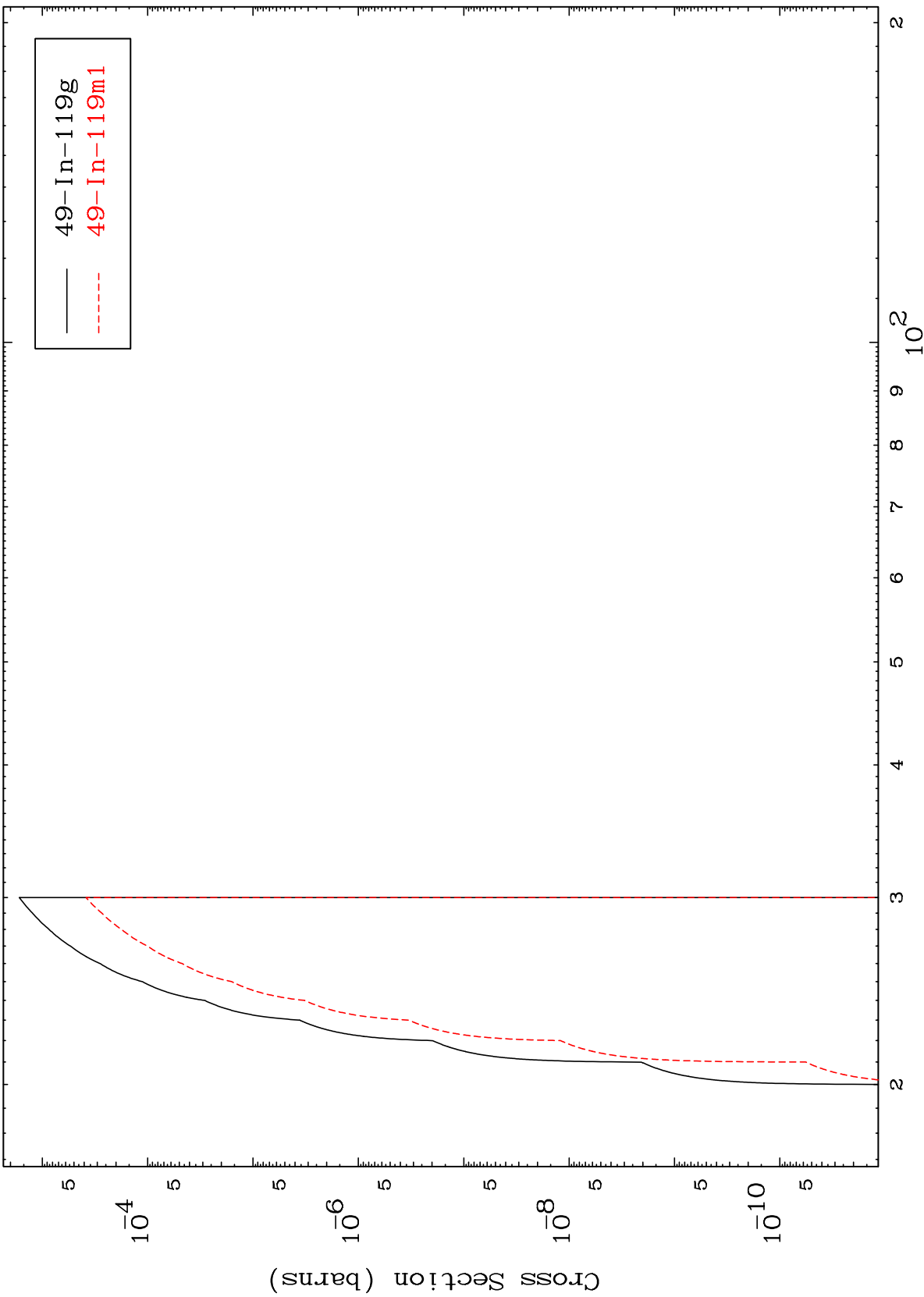
Incident Energy (MeV)

50-Sn-122

Radionuclide Production Cross Section



Radionuclide Production Cross Section



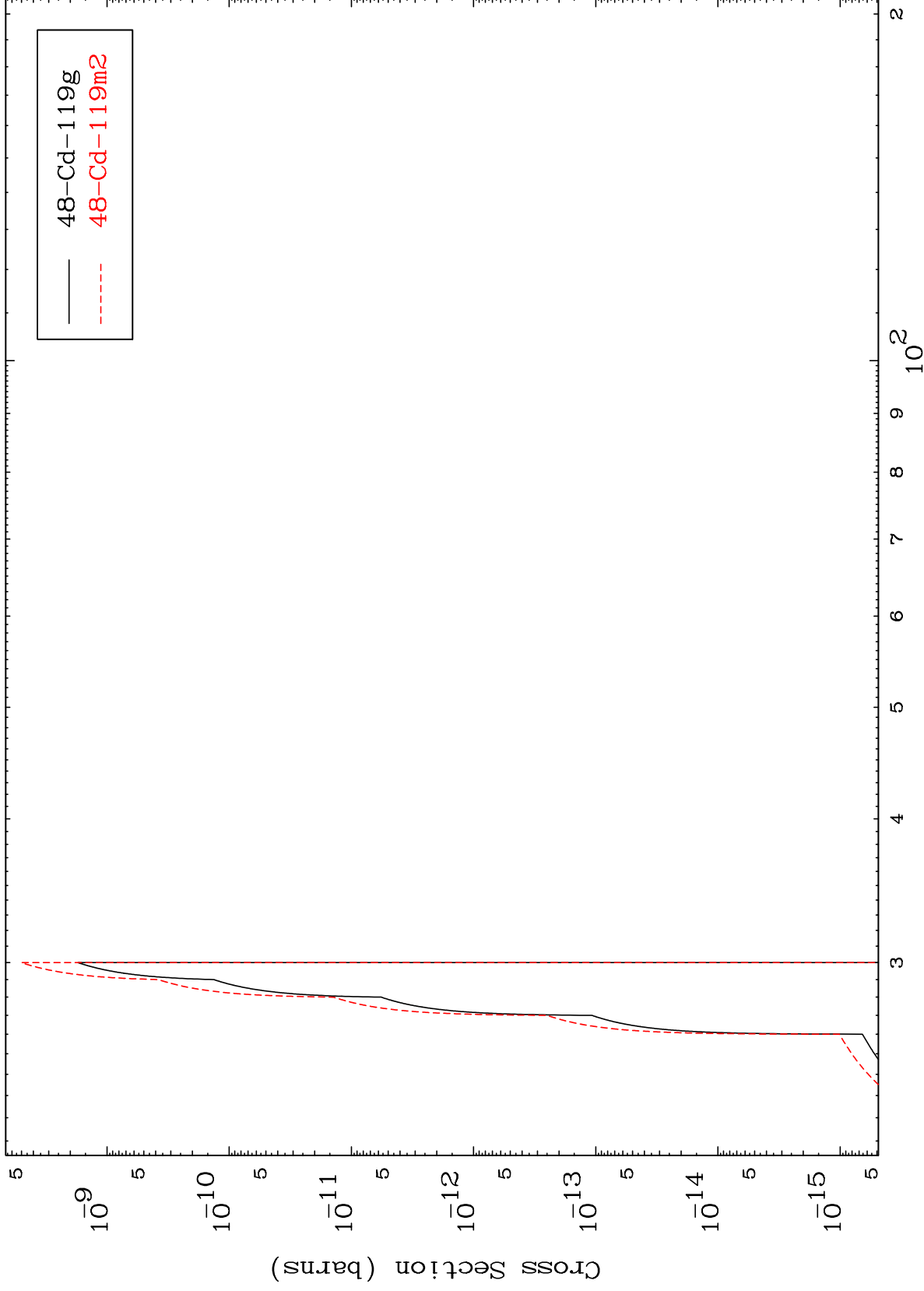
49-In-119g
49-In-119m1

MAT 5055

(n,n') He-3

50-Sn-122

Radionuclide Production Cross Section



135

Incident Energy (MeV)

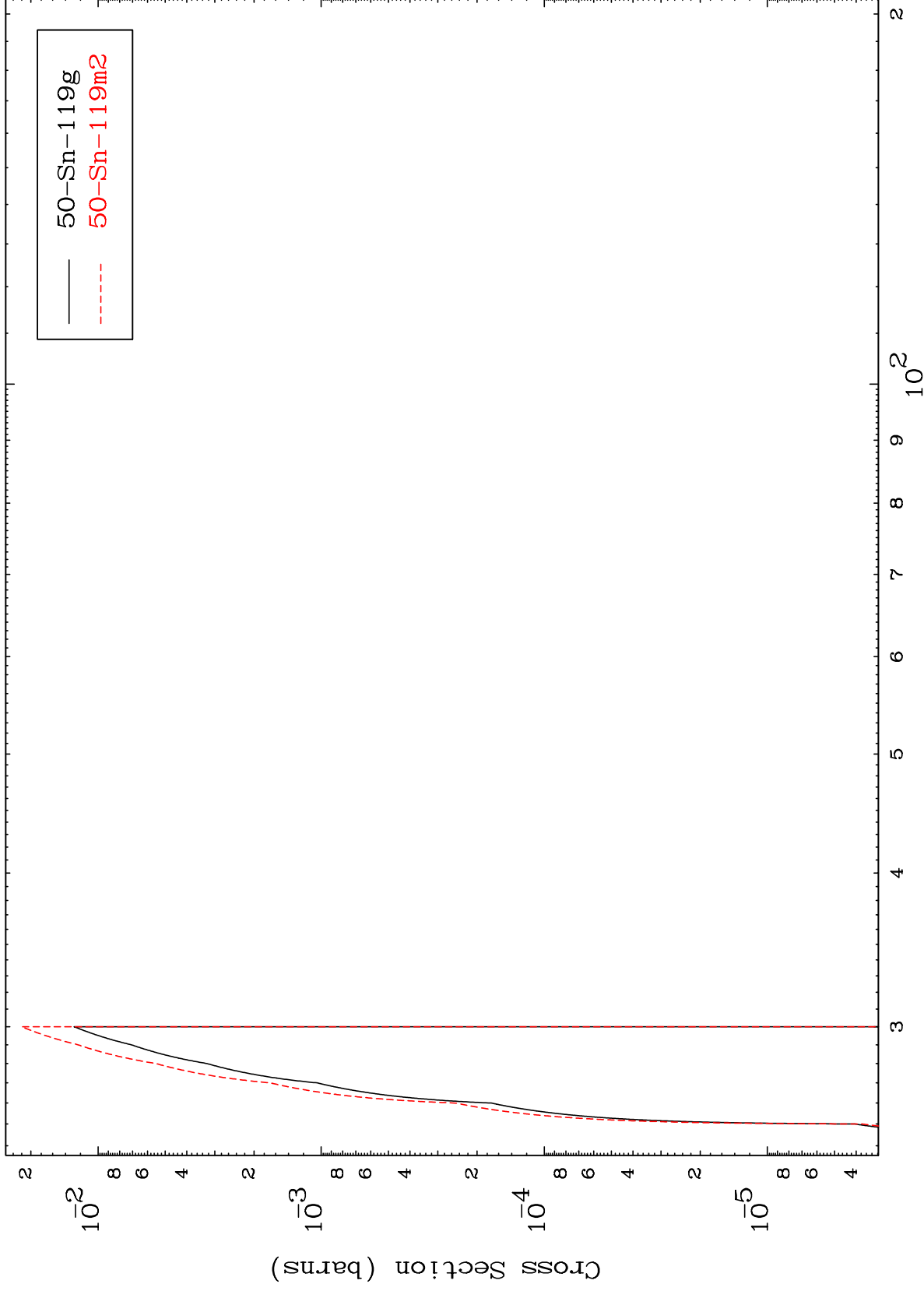
50-Sn-122

MAT 5055

(n,4n)

50-Sn-122

Radionuclide Production Cross Section



136

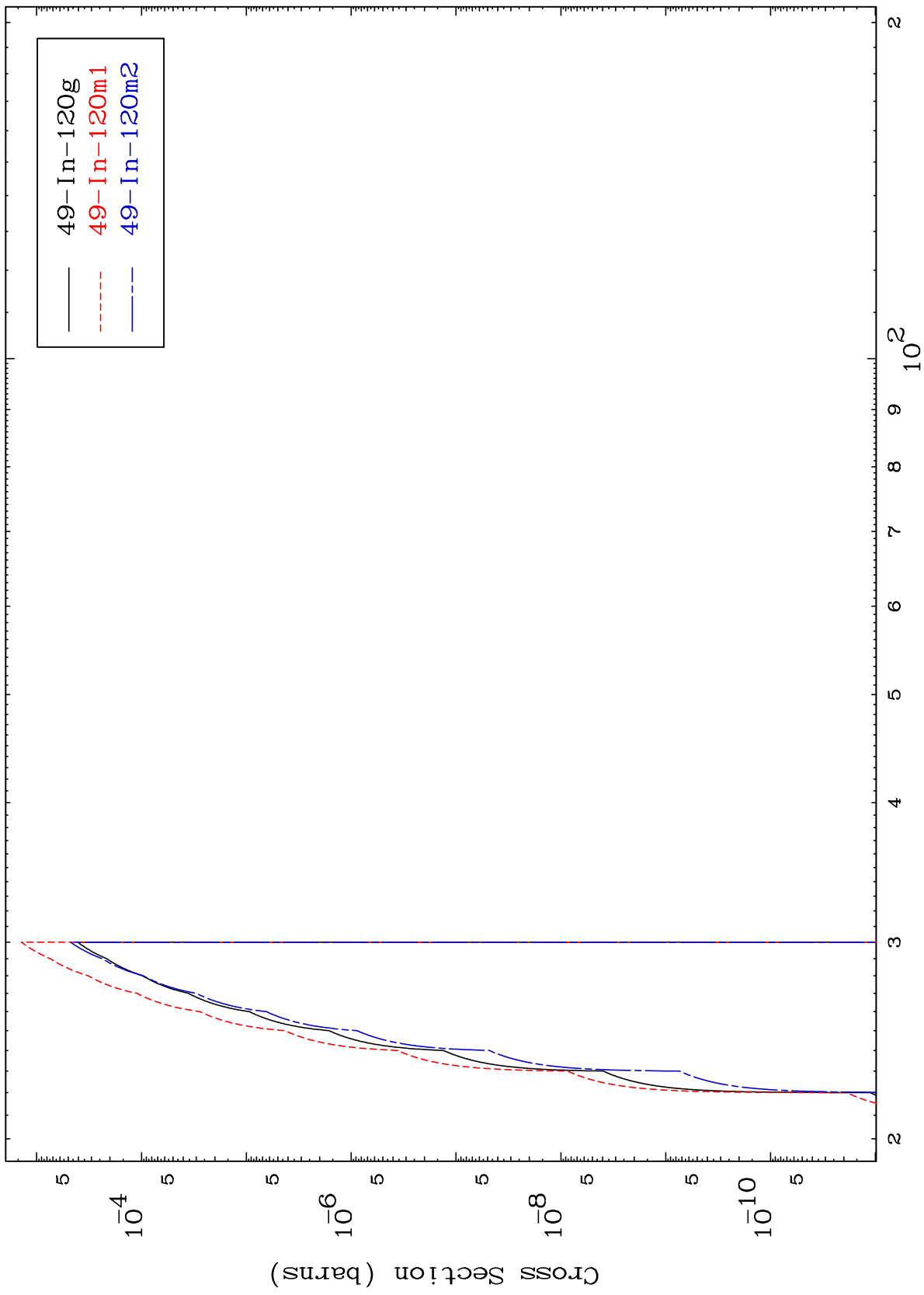
Incident Energy (MeV)

50-Sn-122

MAT 5055

50-Sn-122

(n,2n) p
Radionuclide Production Cross Section



137

Incident Energy (MeV)

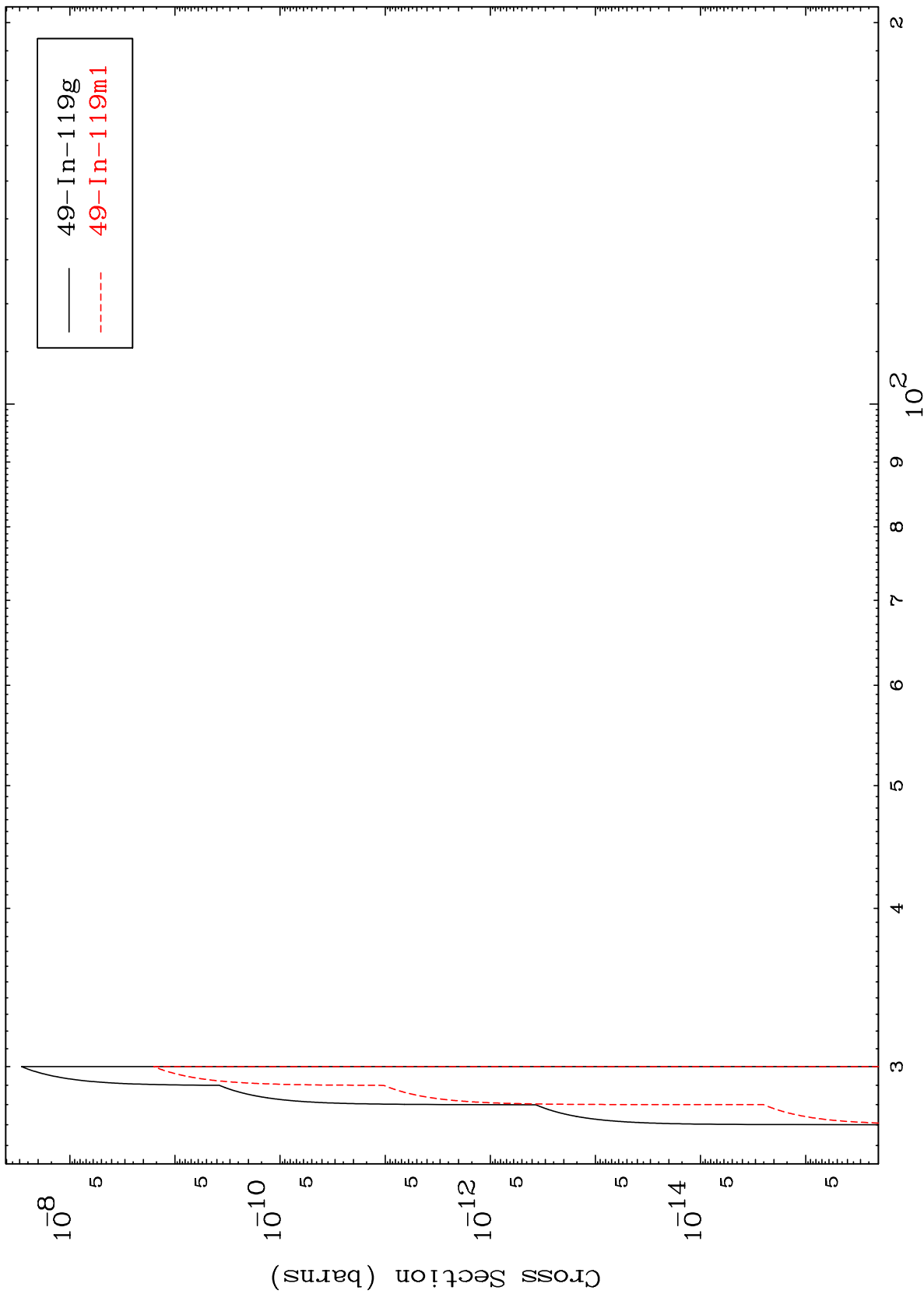
50-Sn-122

MAT 5055

(n,3n) p

50-Sn-122

Radionuclide Production Cross Section



138

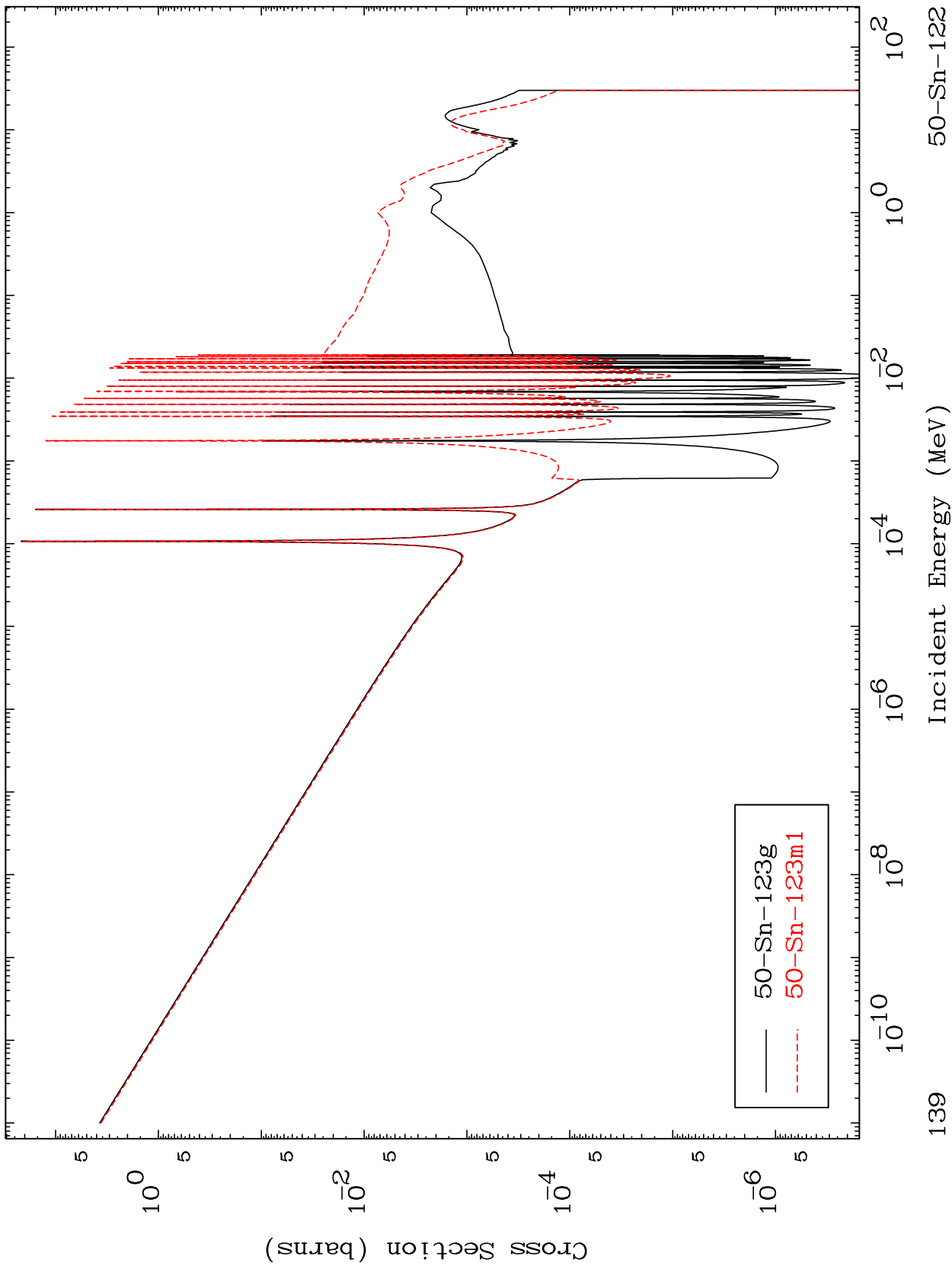
Incident Energy (MeV)

50-Sn-122

MAT 5055

50-Sn-122

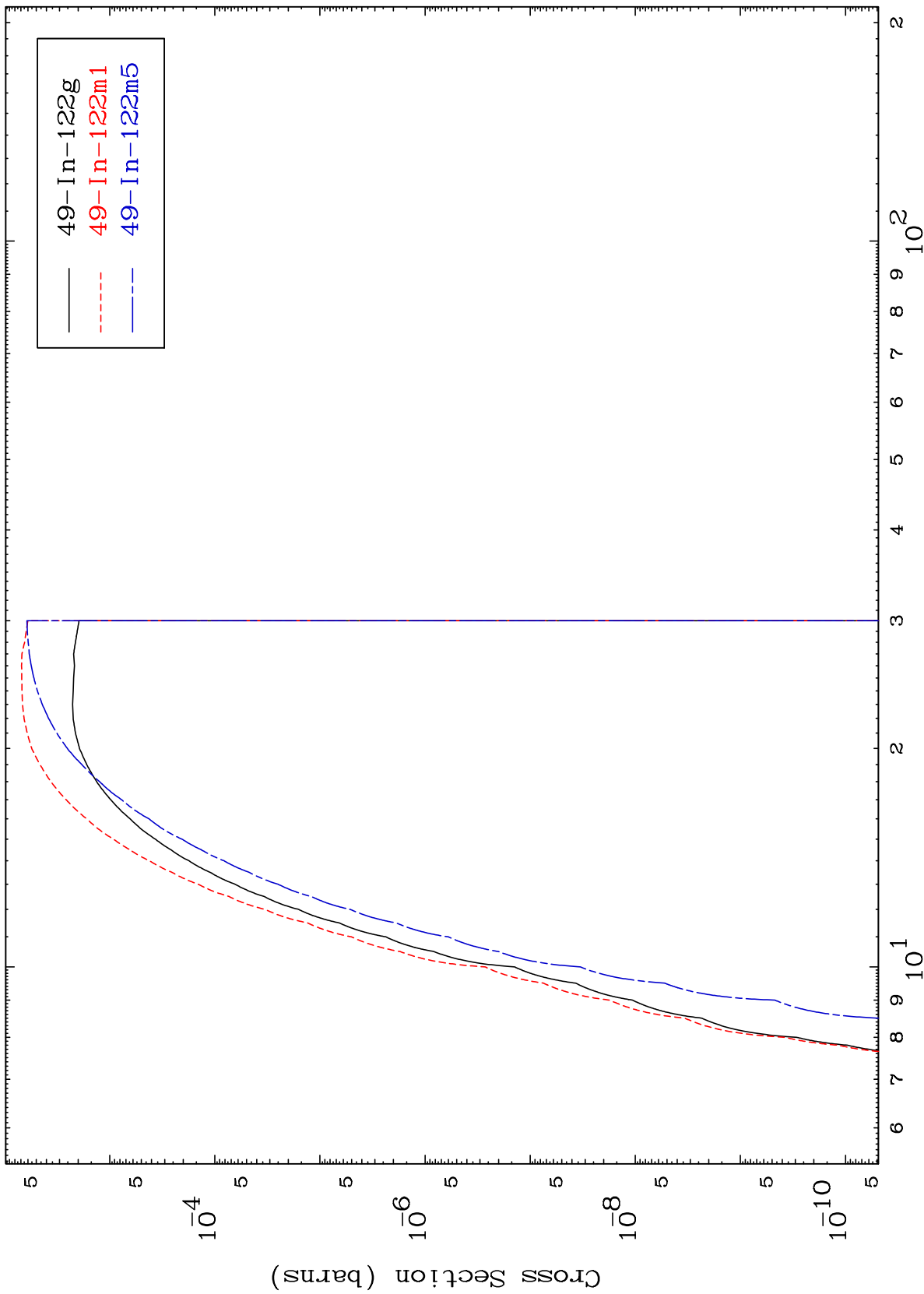
(n, γ)
Radionuclide Production Cross Section



MAT 5055

50-Sn-122

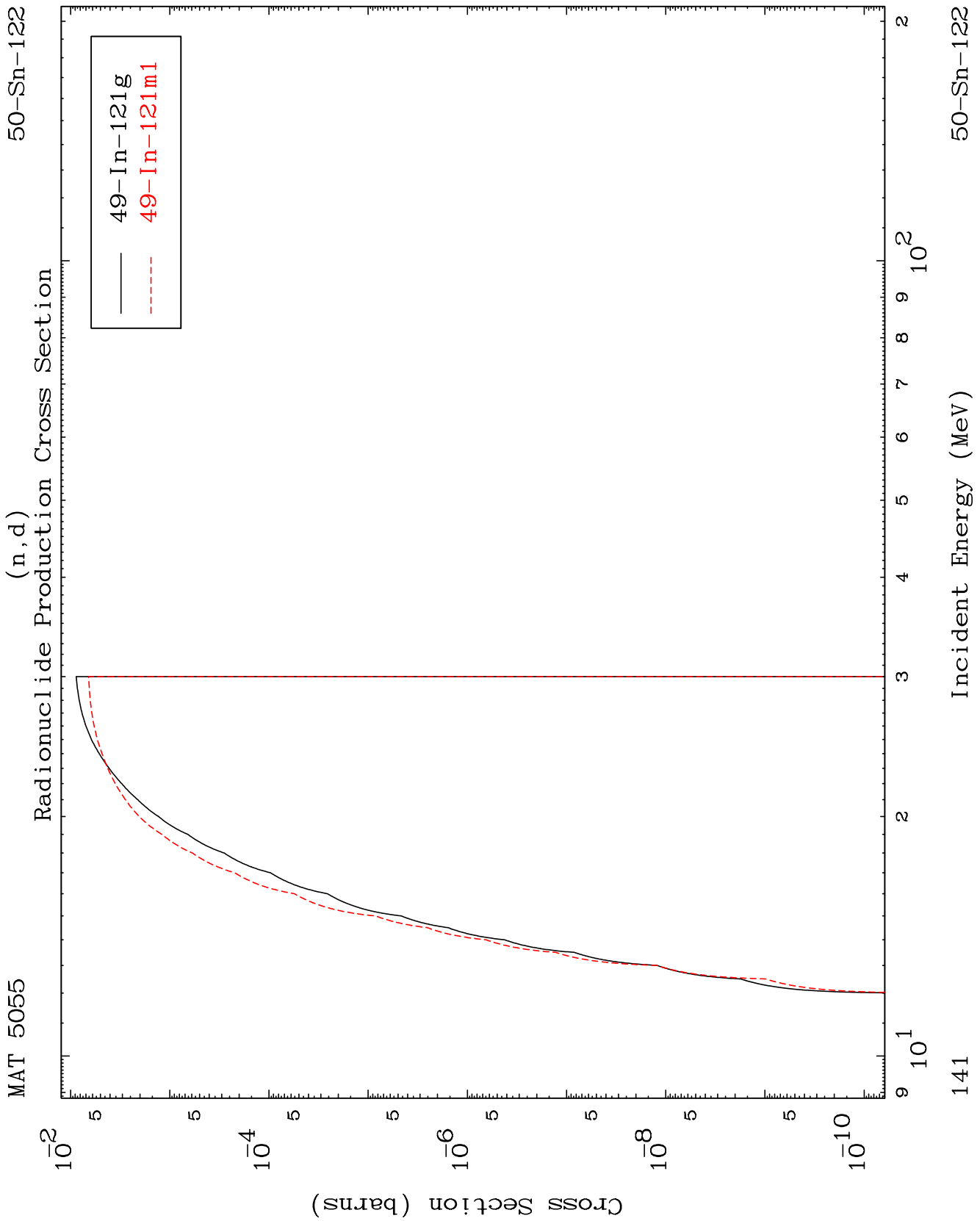
(n,p)
Radionuclide Production Cross Section



50-Sn-122

Incident Energy (MeV)

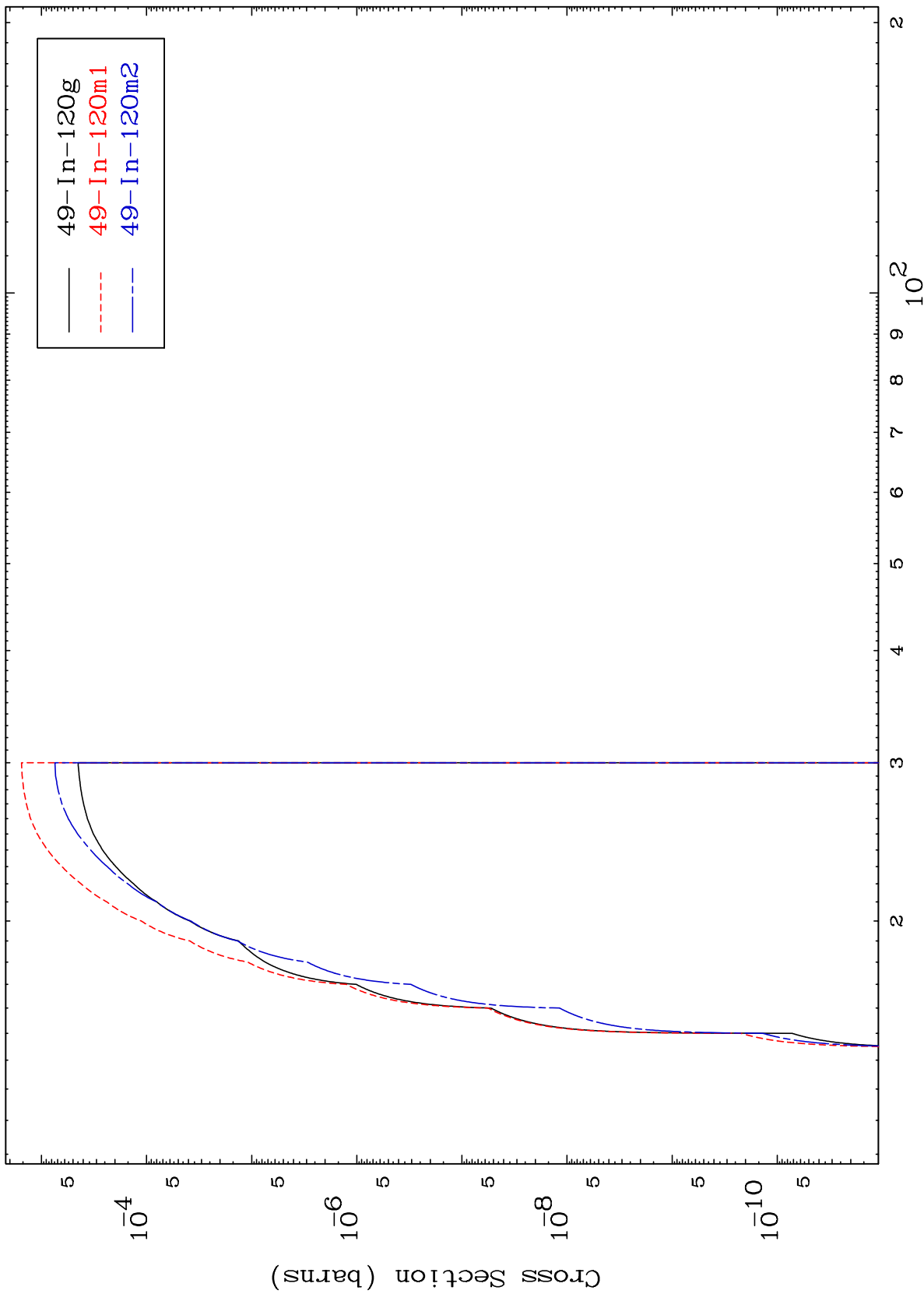
140



MAT 5055

50-Sn-122

(n,t)
Radionuclide Production Cross Section



142

Incident Energy (MeV)

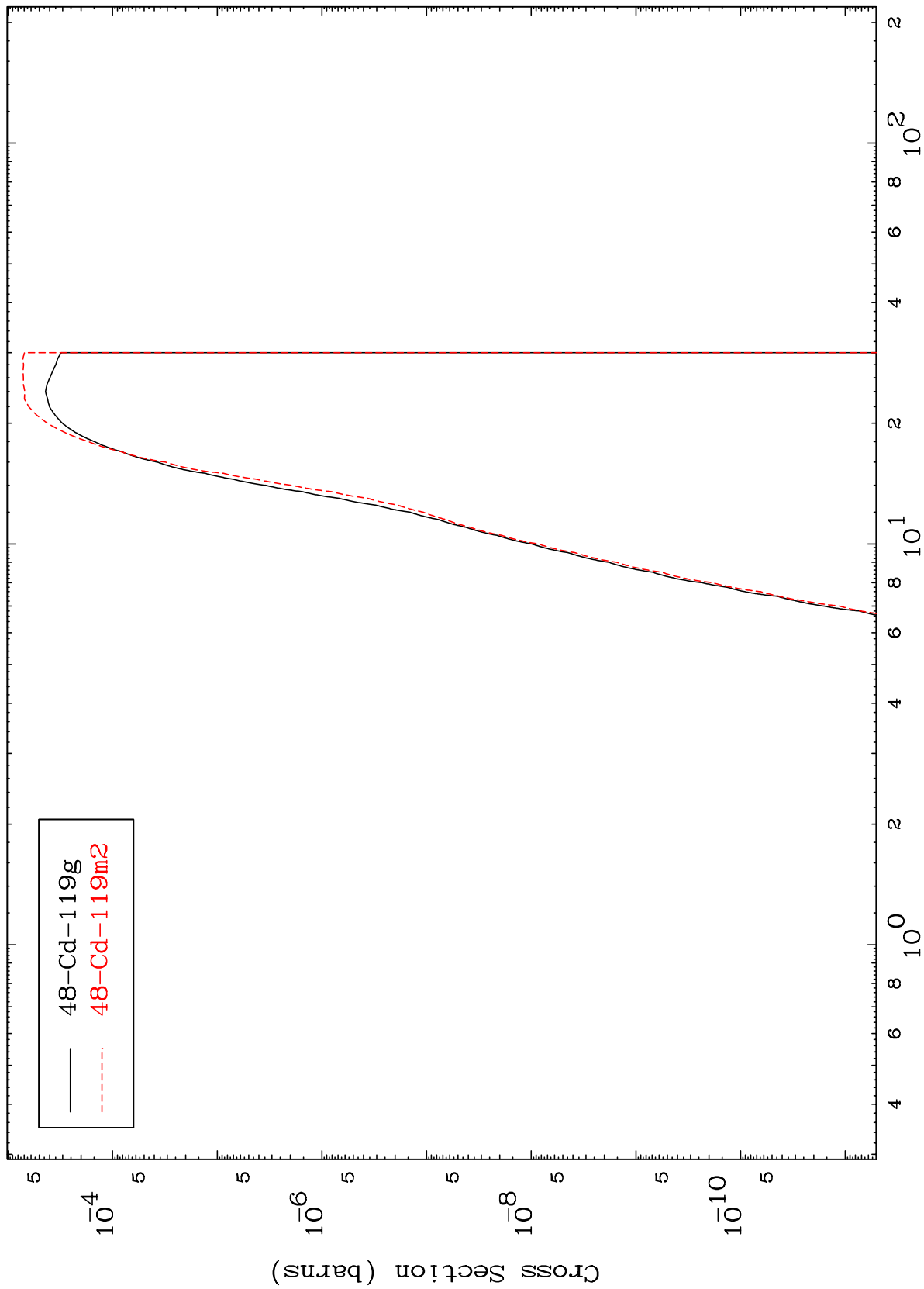
50-Sn-122

MAT 5055

(n, α)

50-Sn-122

Radionuclide Production Cross Section



143

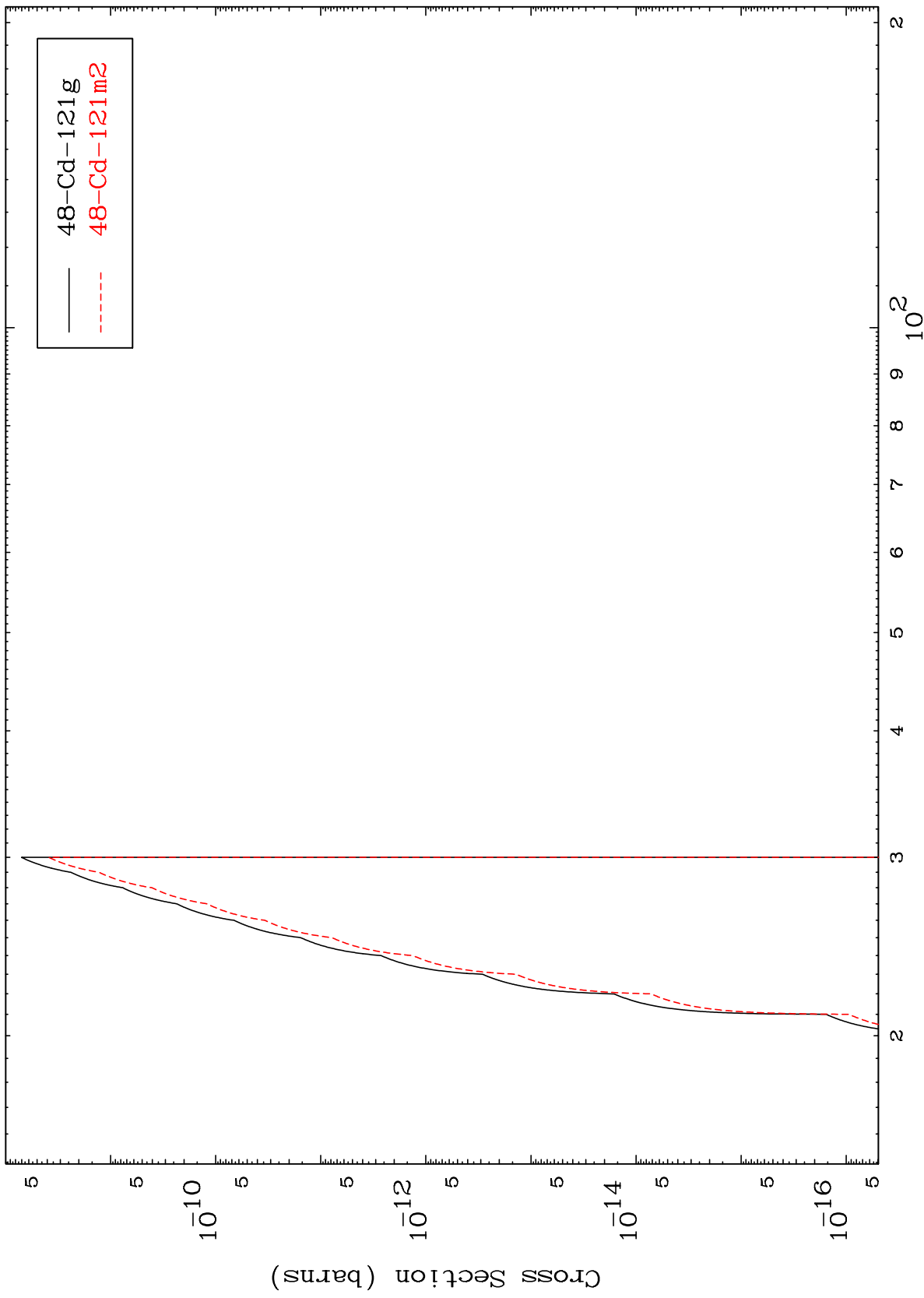
Incident Energy (MeV)

50-Sn-122

MAT 5055

50-Sn-122

(n,2p)
Radionuclide Production Cross Section



144

Incident Energy (MeV)

50-Sn-122