

Program EVALPLOT
(Version 2021-1)

by

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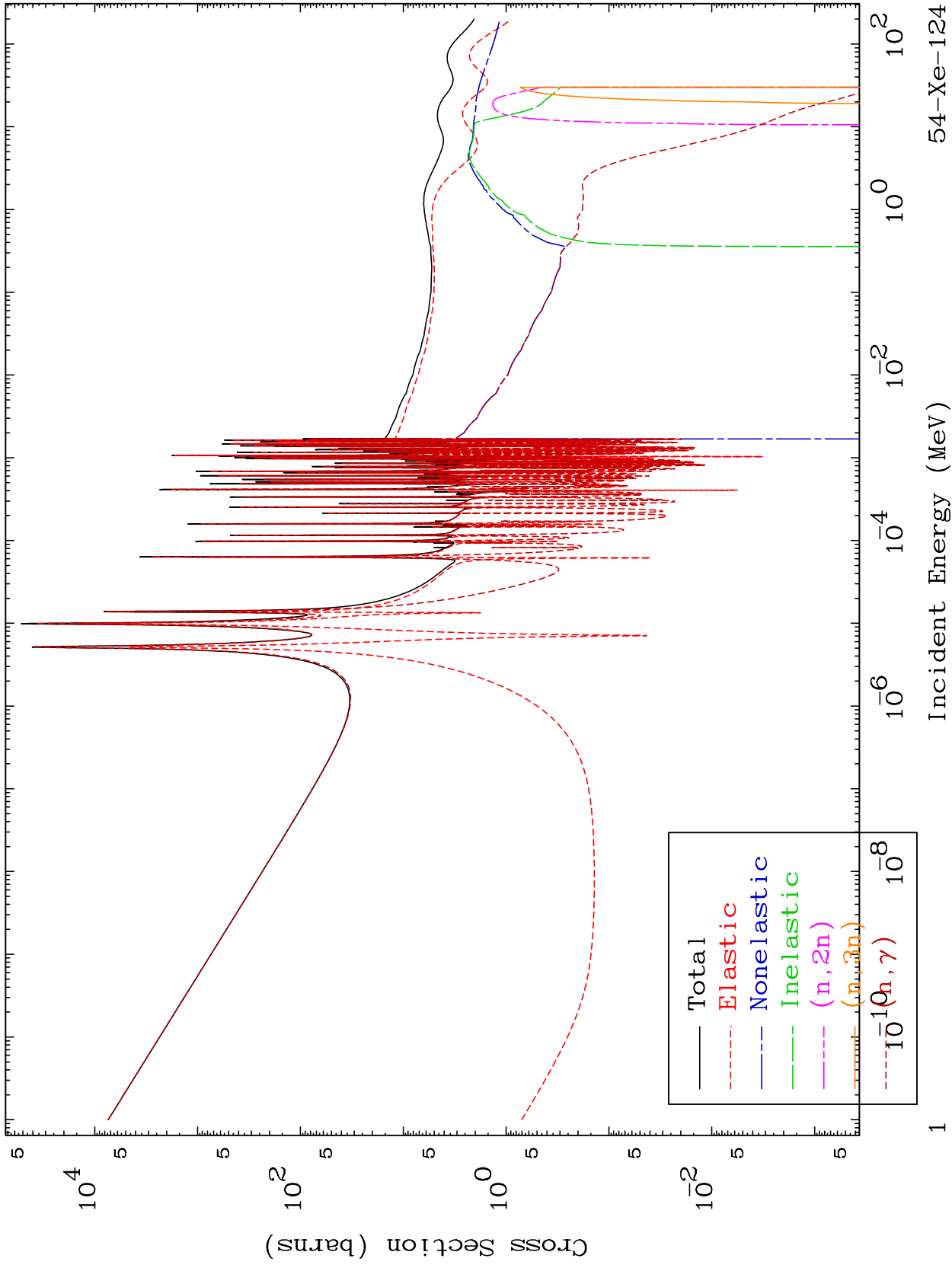
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Press Mouse Button to Start

MAT 5425

Neutron Major
293 Kelvin Cross Sections

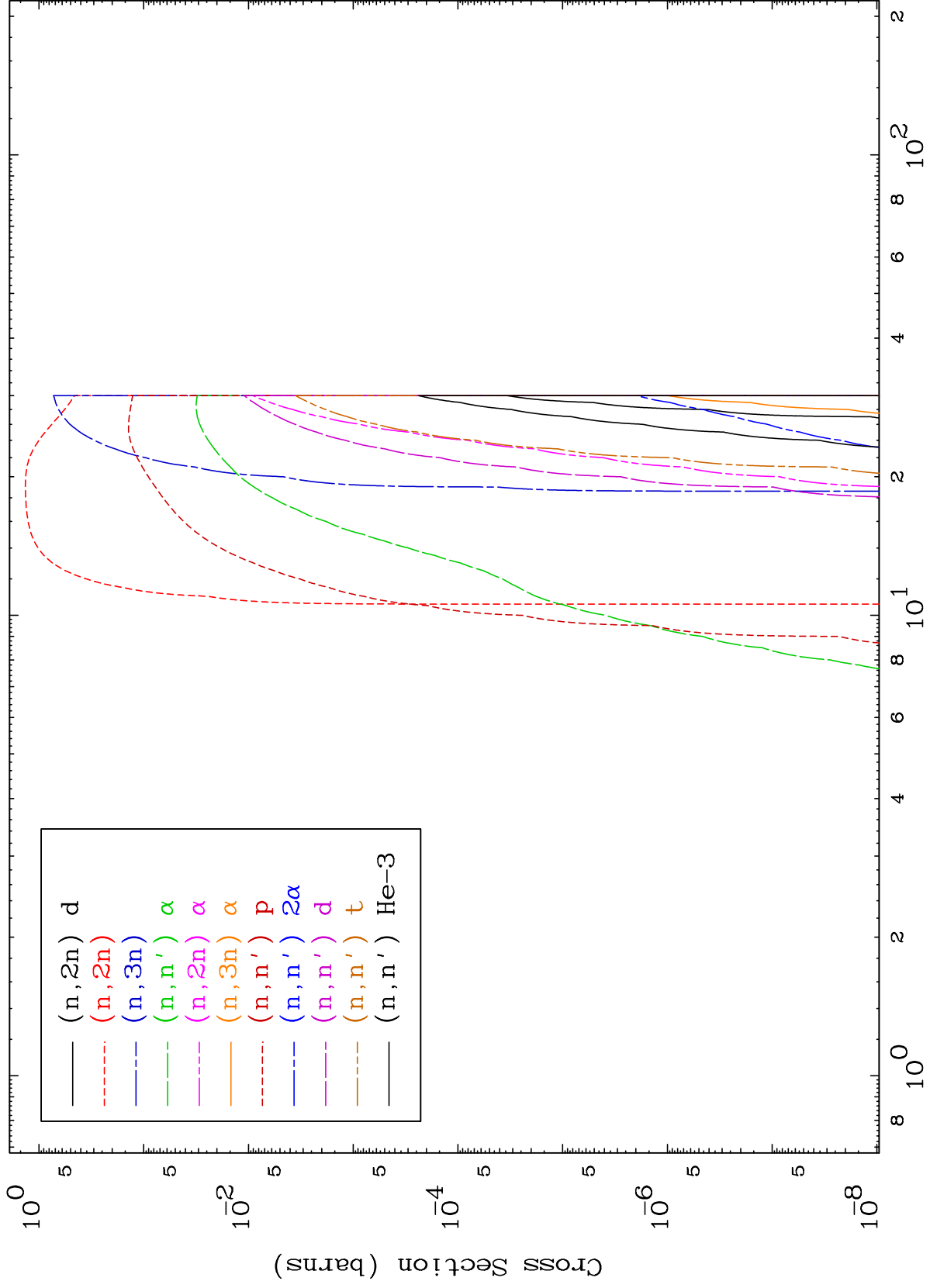
54-Xe-124



MAT 5425

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-124



54-Xe-124

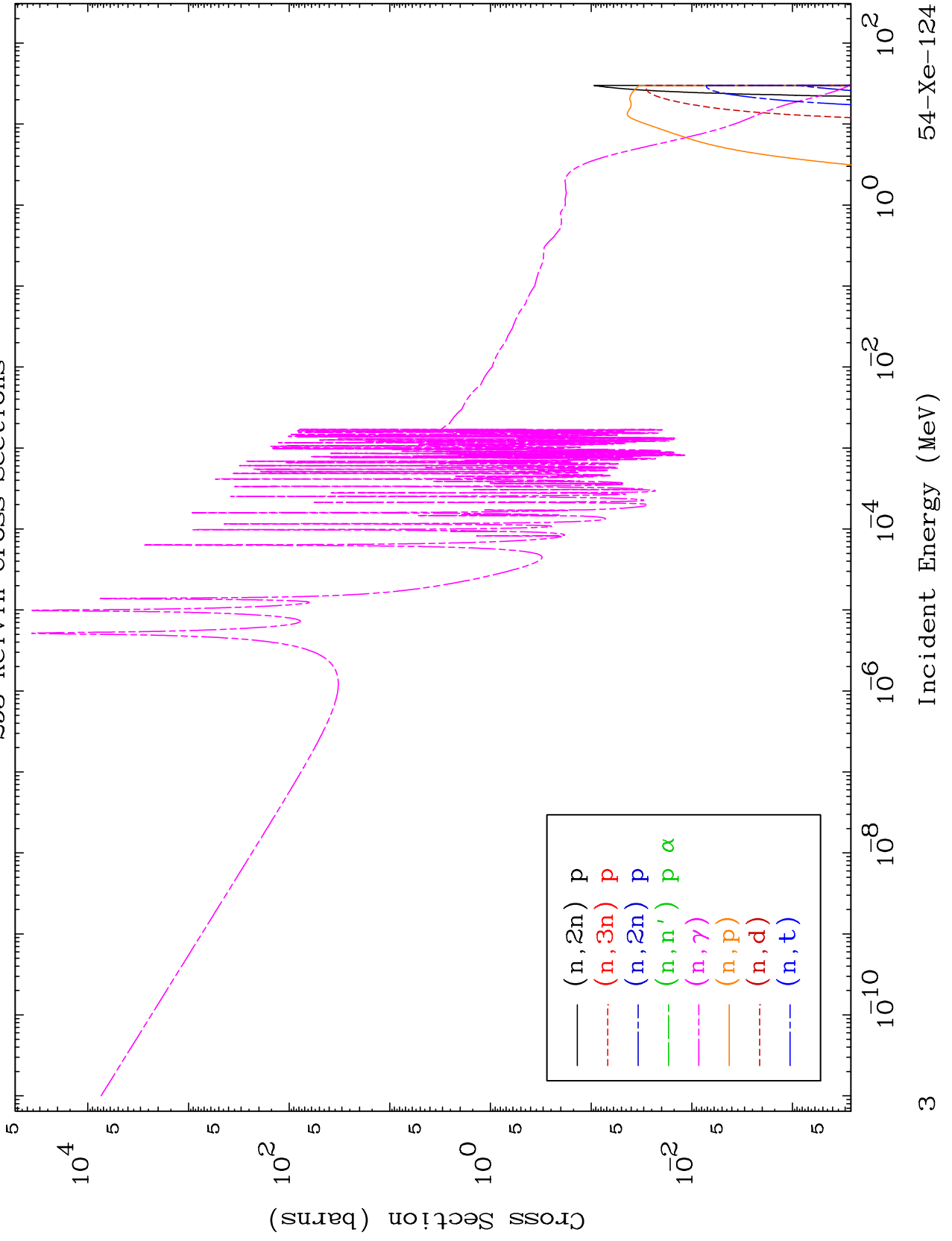
Incident Energy (MeV)

2

MAT 5425

Neutron Absorption
293 Kelvin Cross Sections

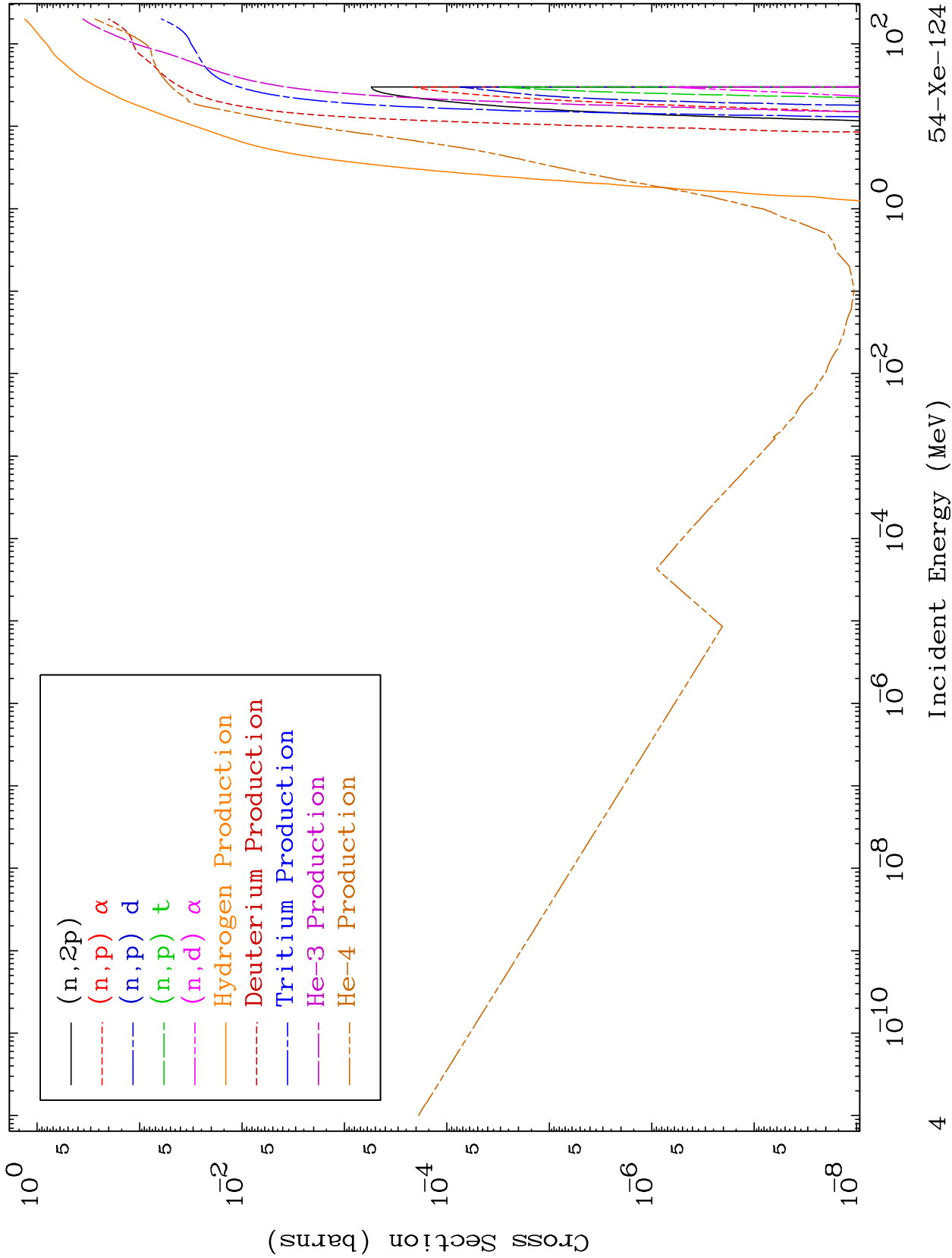
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MAT 5425

Neutron Absorption
293 Kelvin Cross Sections

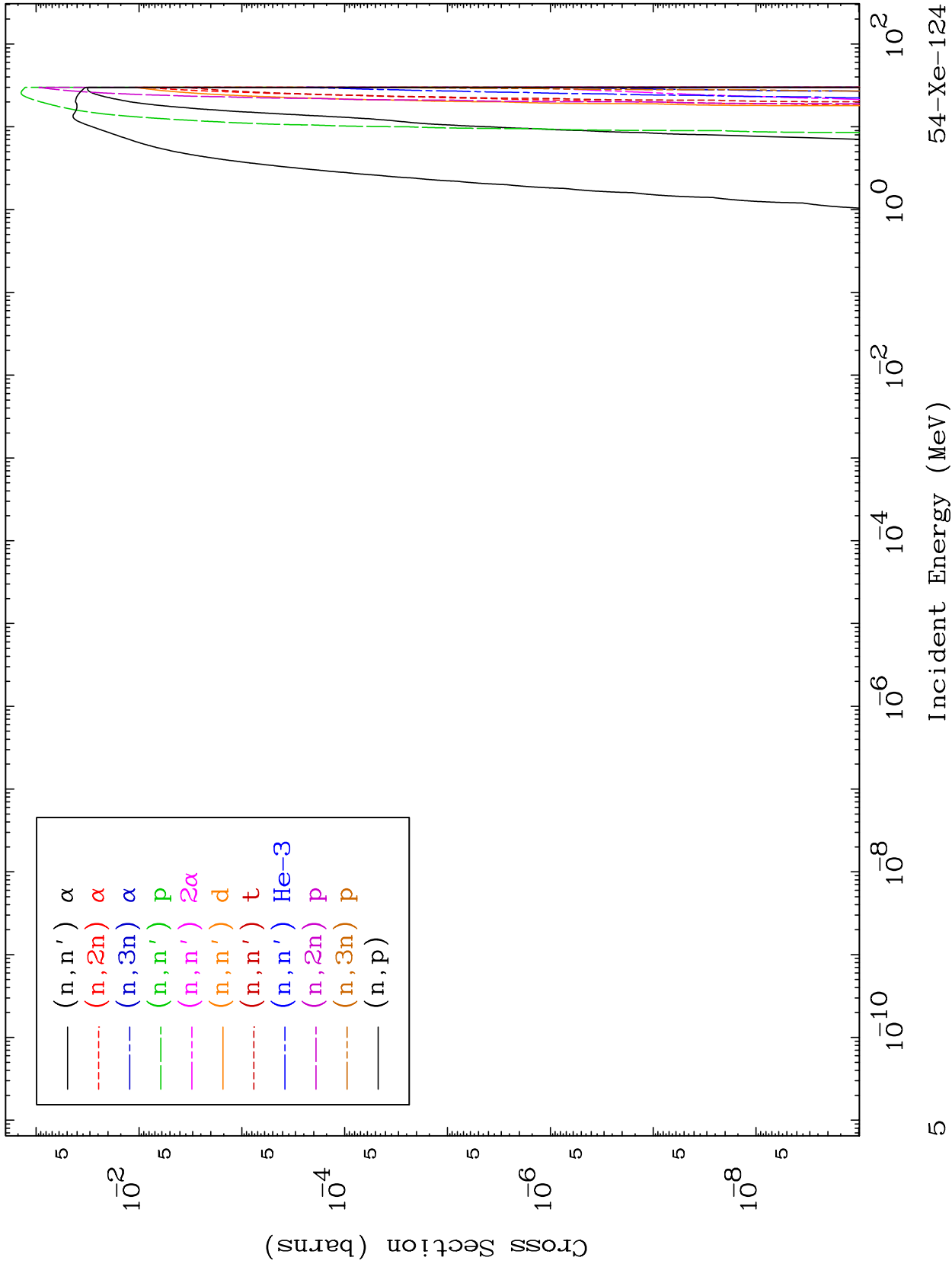
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MAT 5425

Charged Particle
293 Kelvin Cross Sections

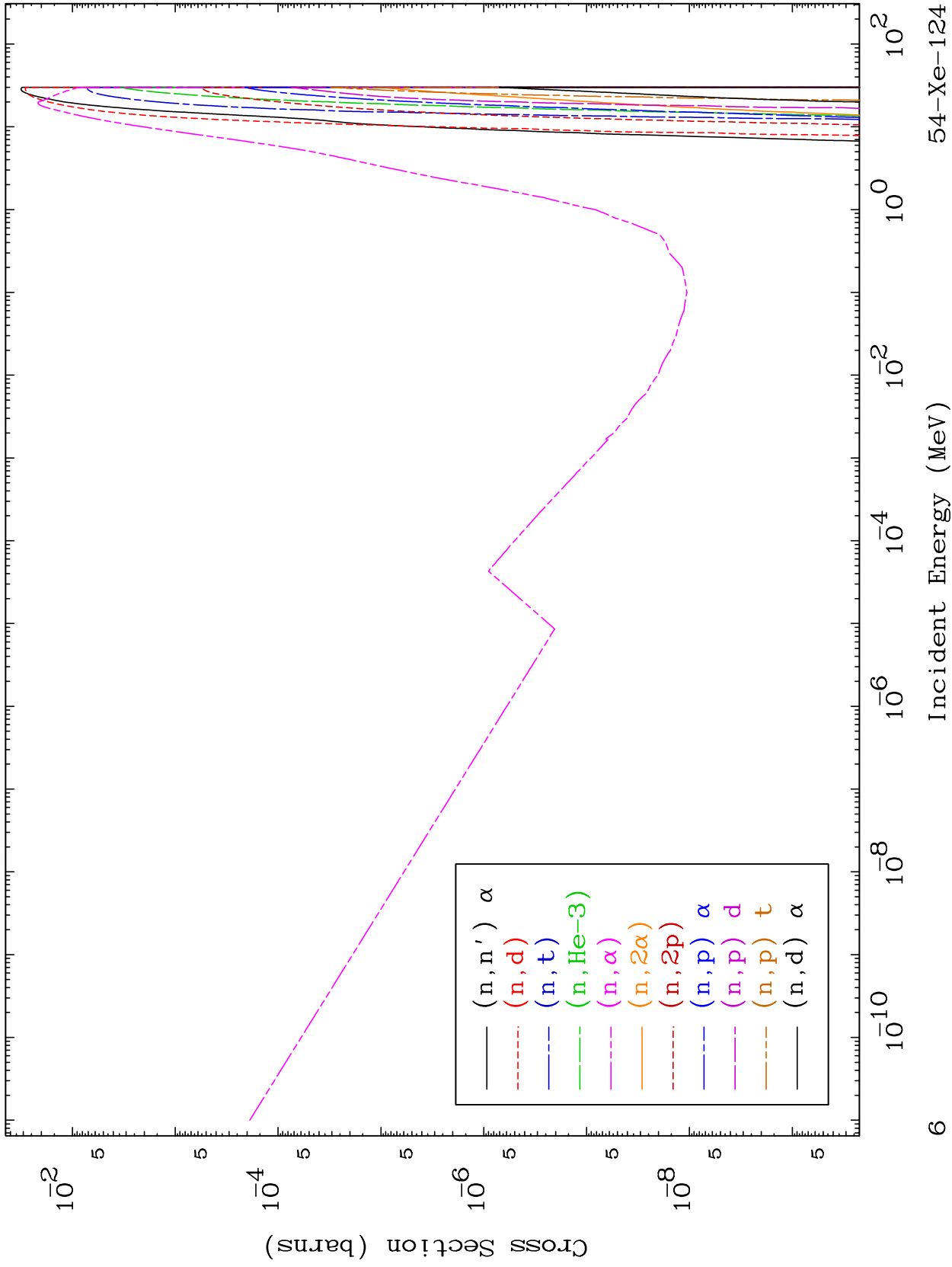
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MAT 5425

Charged Particle
293 Kelvin Cross Sections

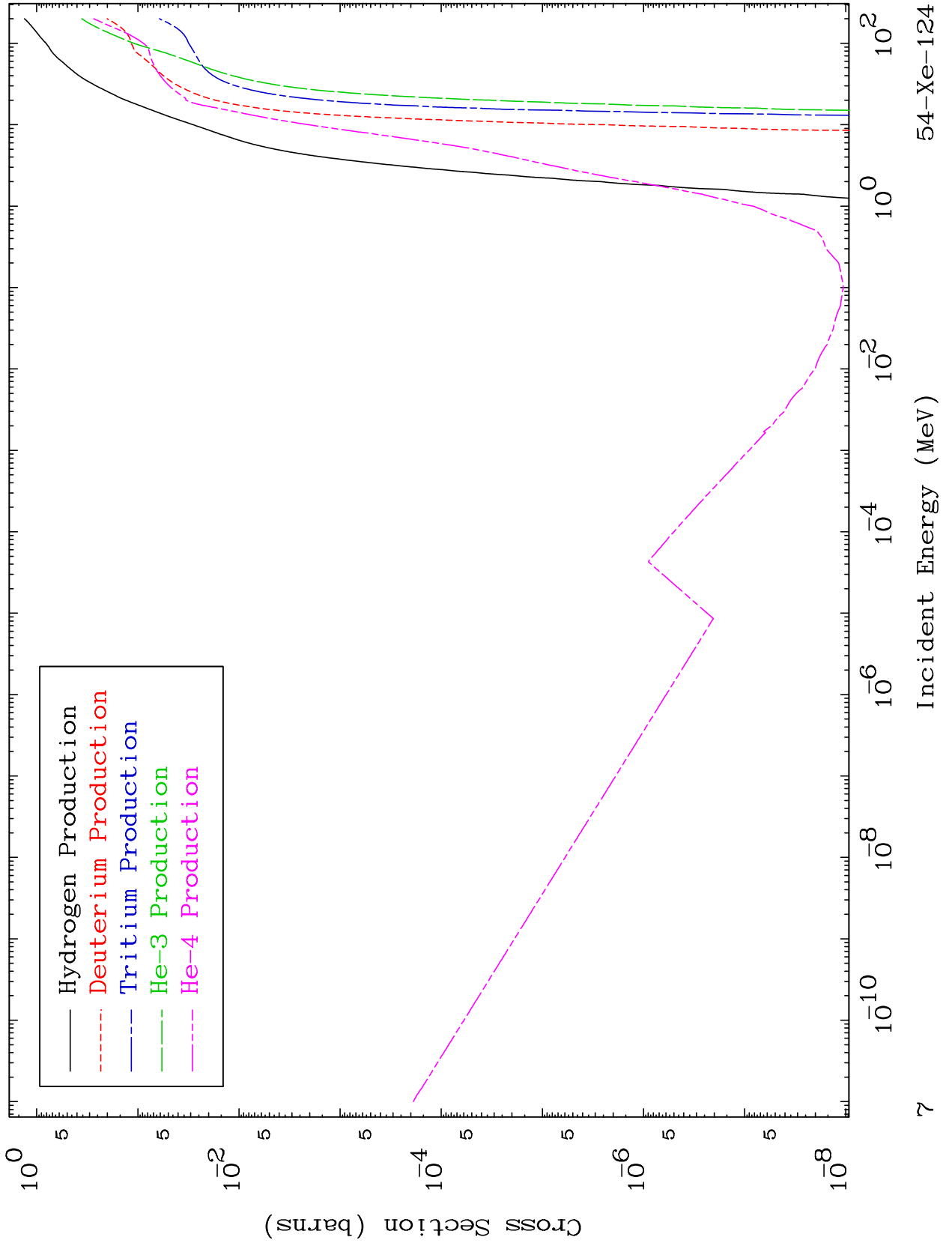
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MAT 5425

Particle Production
293 Kelvin Cross Sections

54-Xe-124

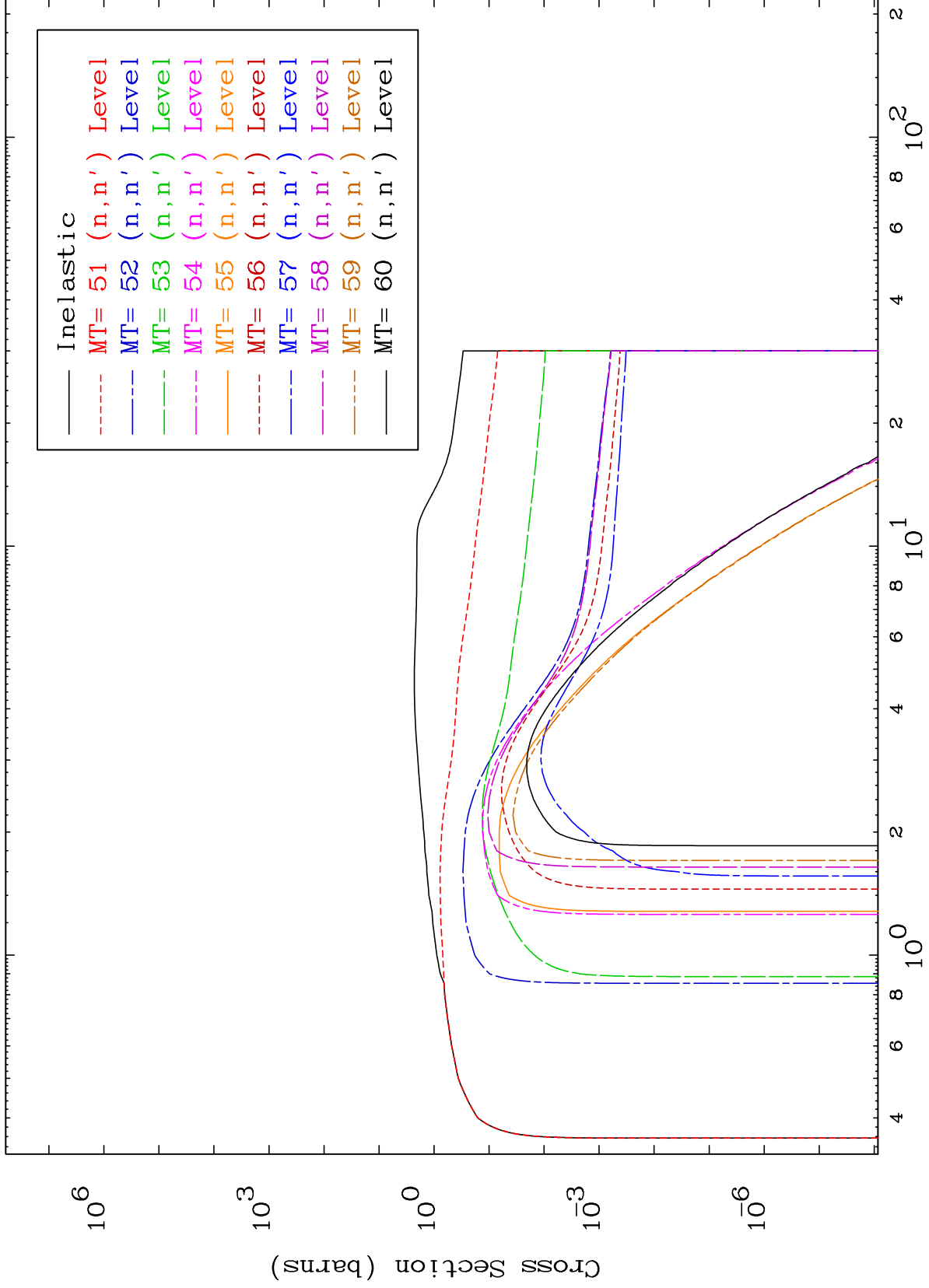


MAT 5425

(n,n') Levels

54-Xe-124

293 Kelvin Cross Sections



8

Incident Energy (MeV)

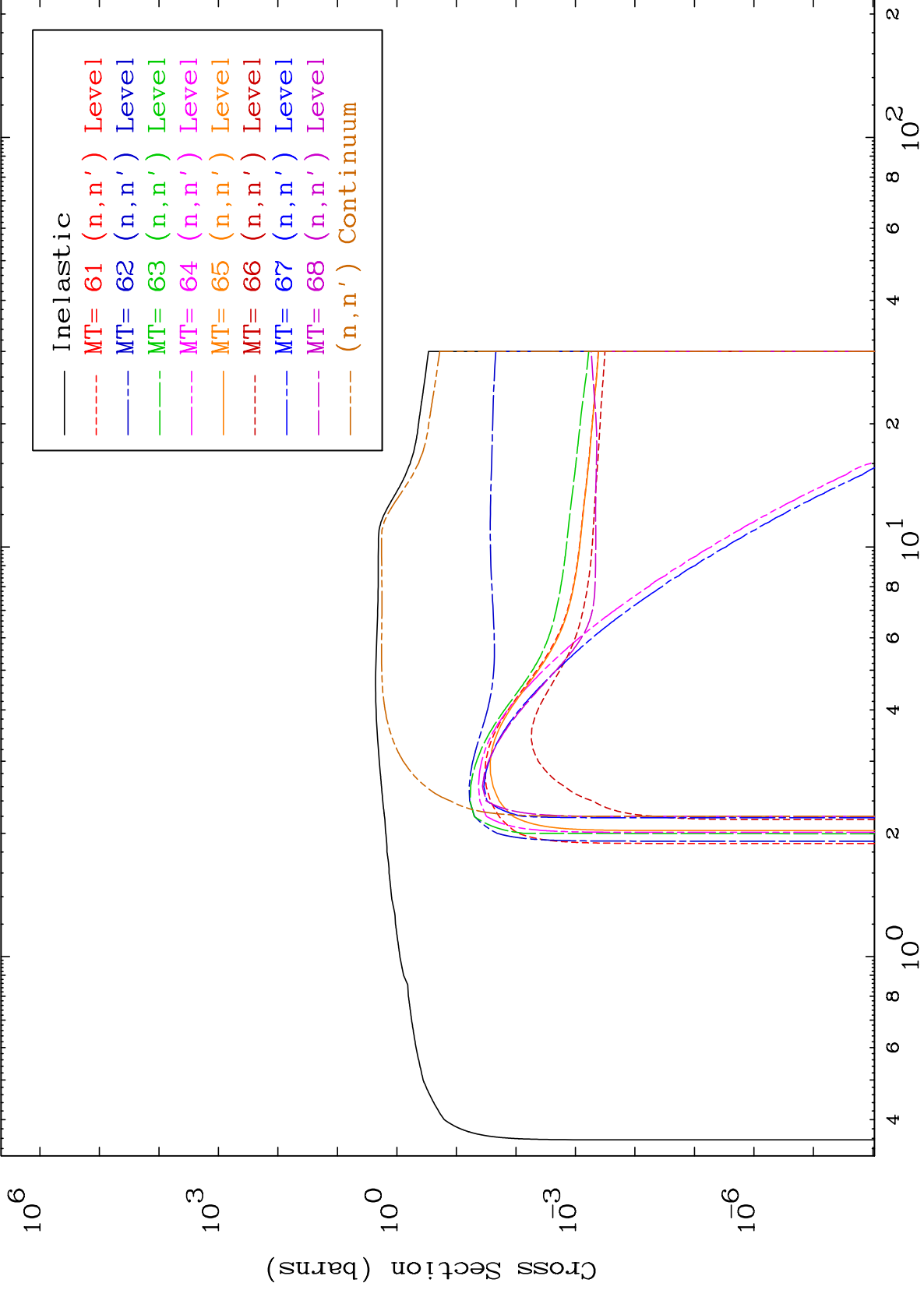
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MAT 5425

(n,n') Levels

54-Xe-124

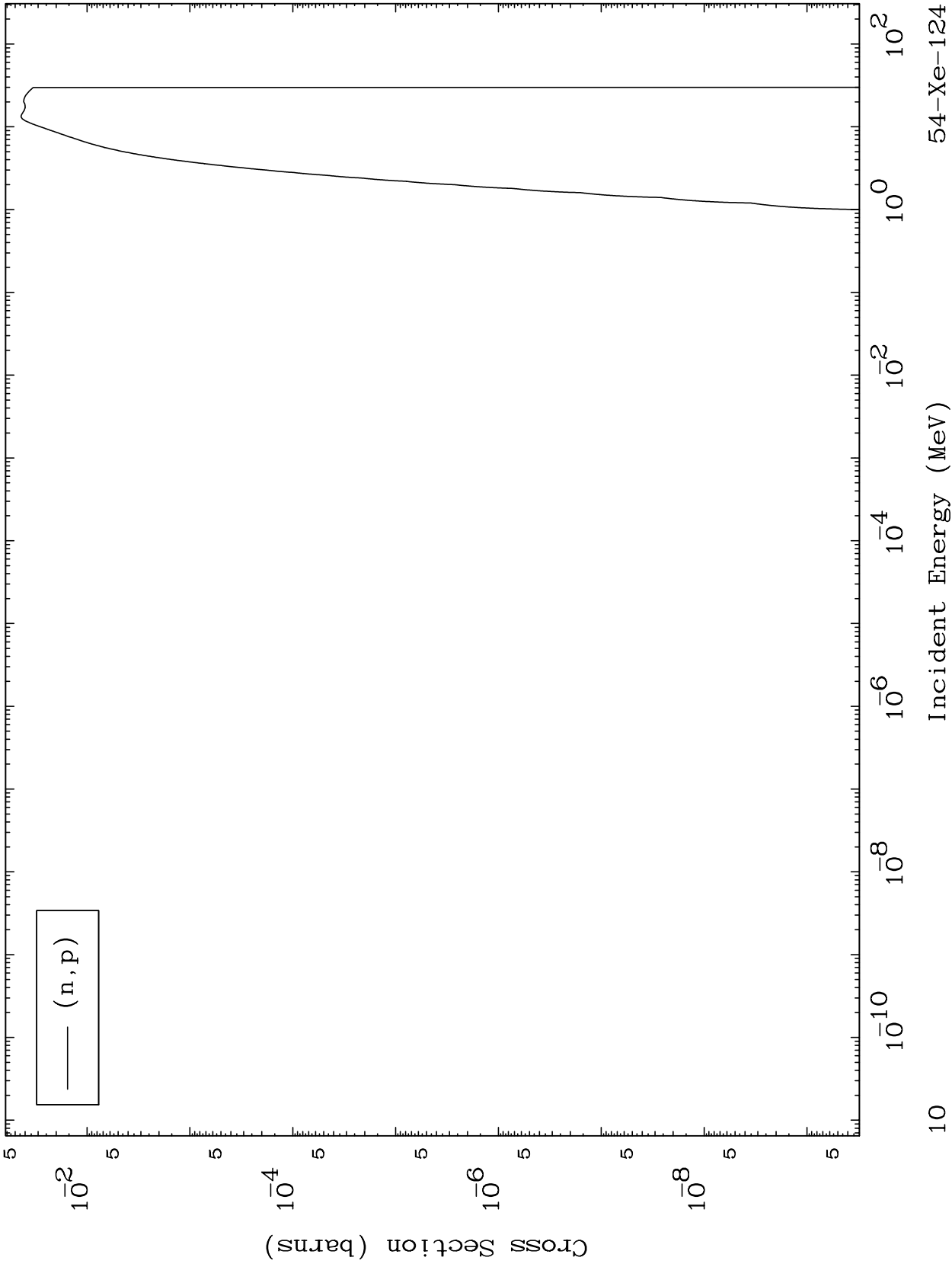
293 Kelvin Cross Sections



MAT 5425

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-124



10

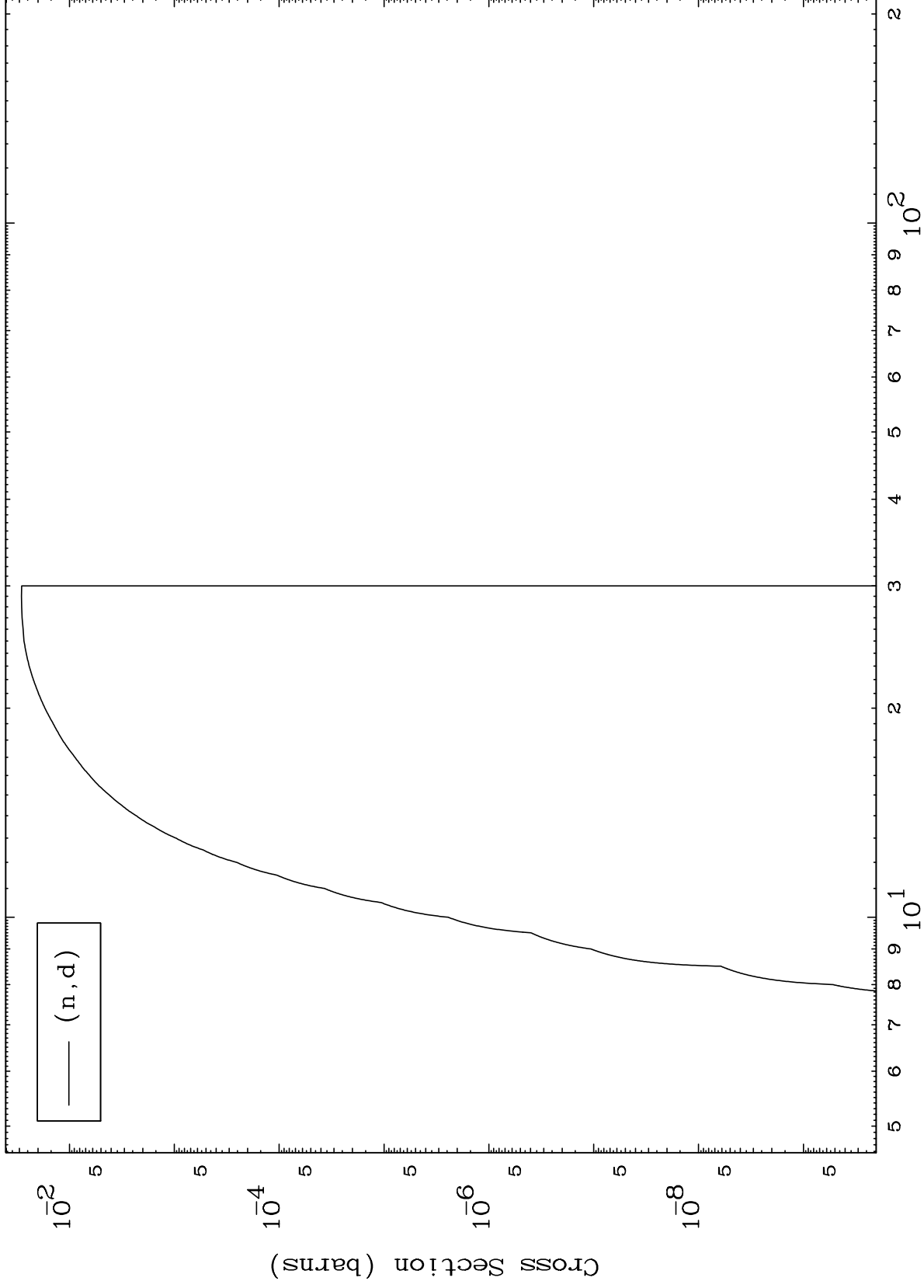
Incident Energy (MeV)

54-Xe-124

MAT 5425

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-124



11

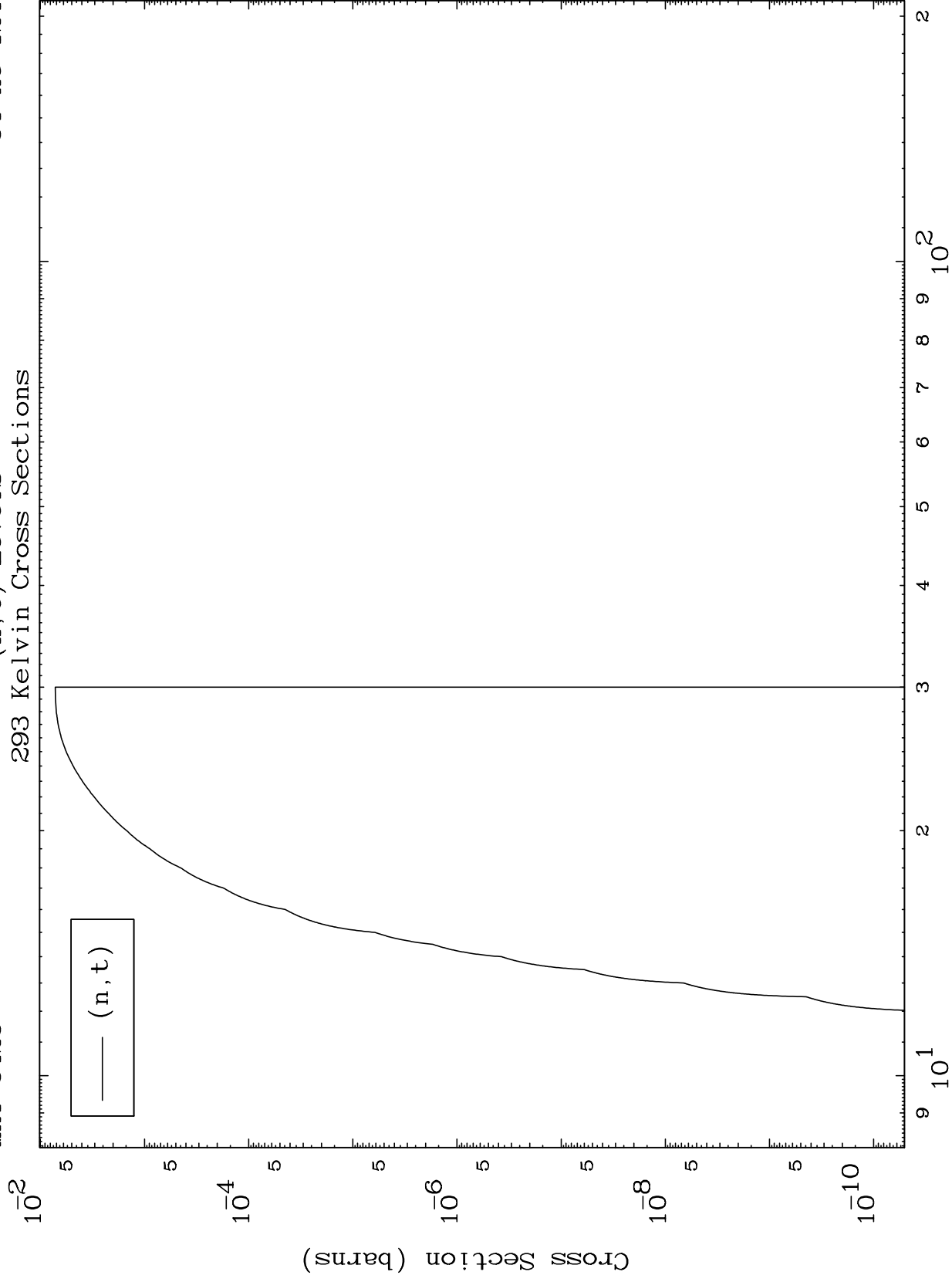
Incident Energy (MeV)

54-Xe-124

MAT 5425

(n,t) Levels
293 Kelvin Cross Sections

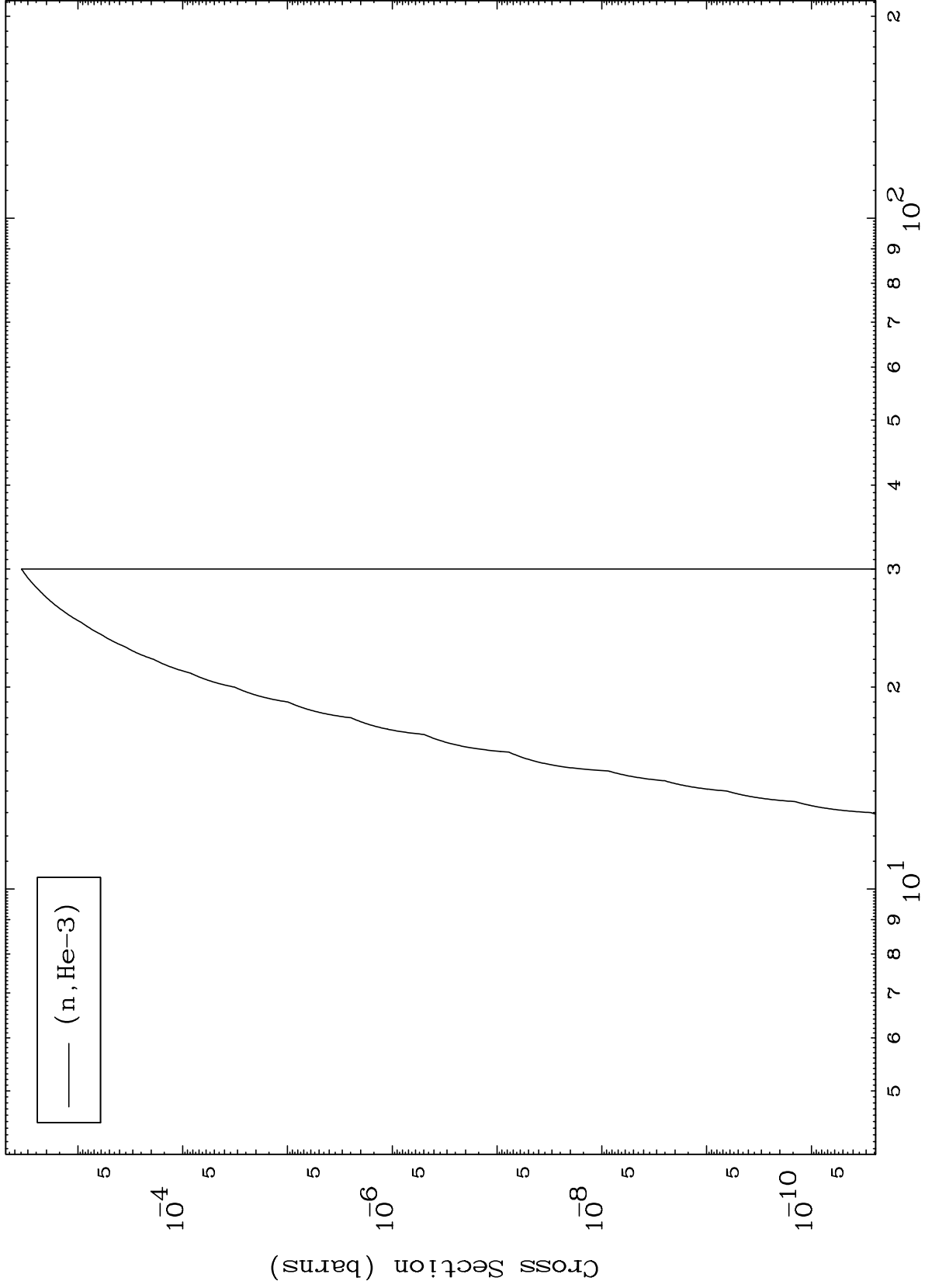
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12

Incident Energy (MeV)

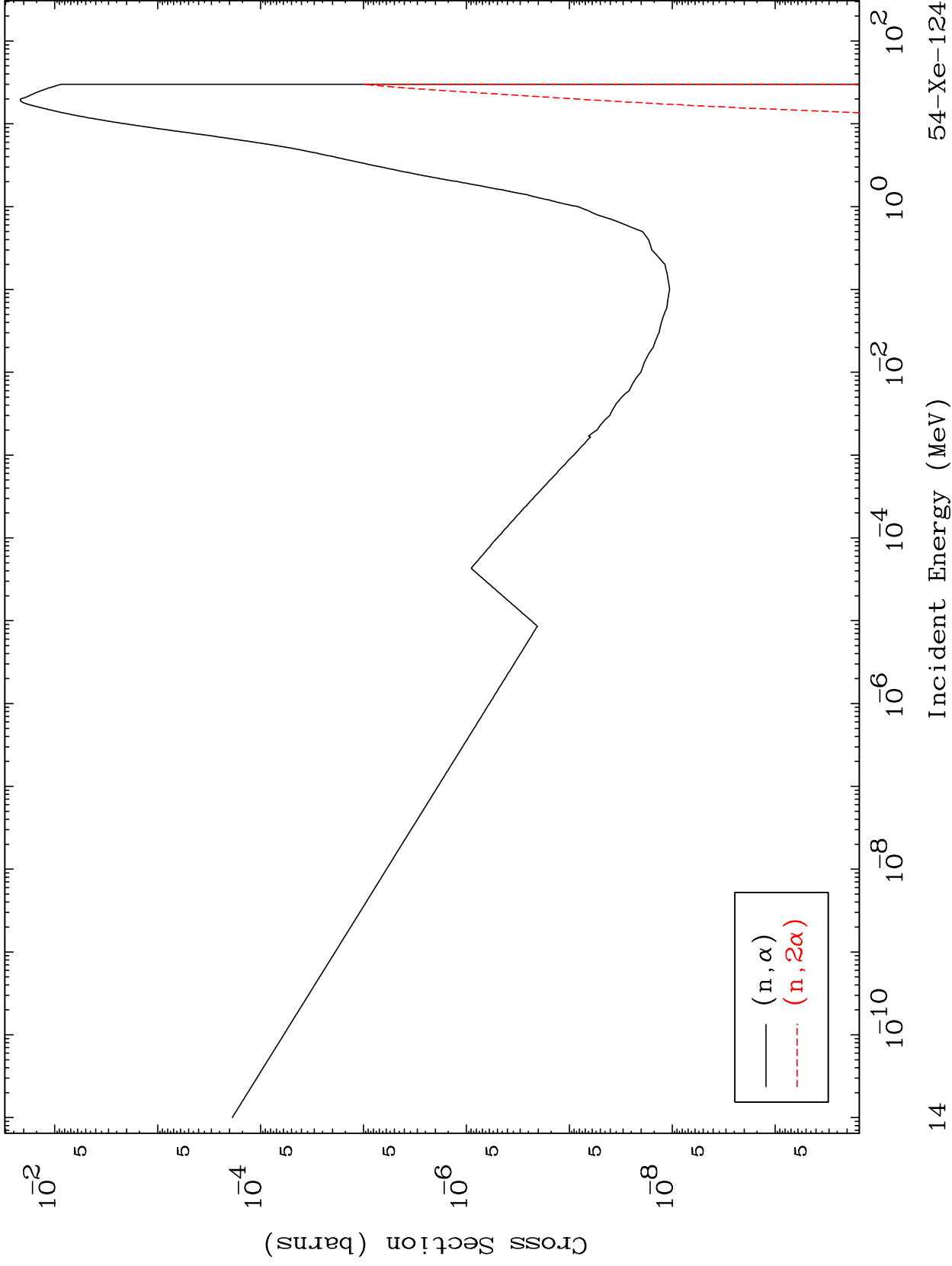
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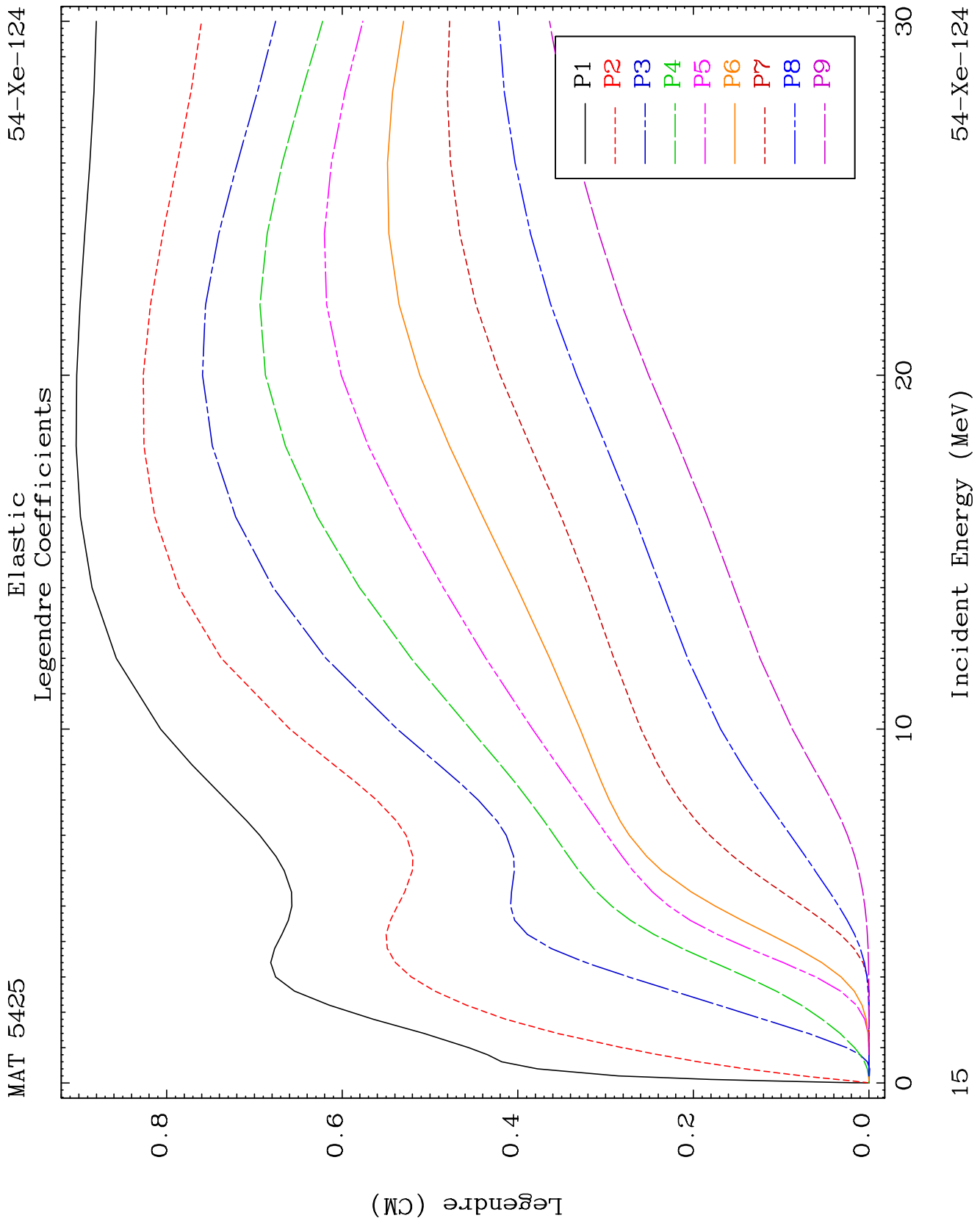


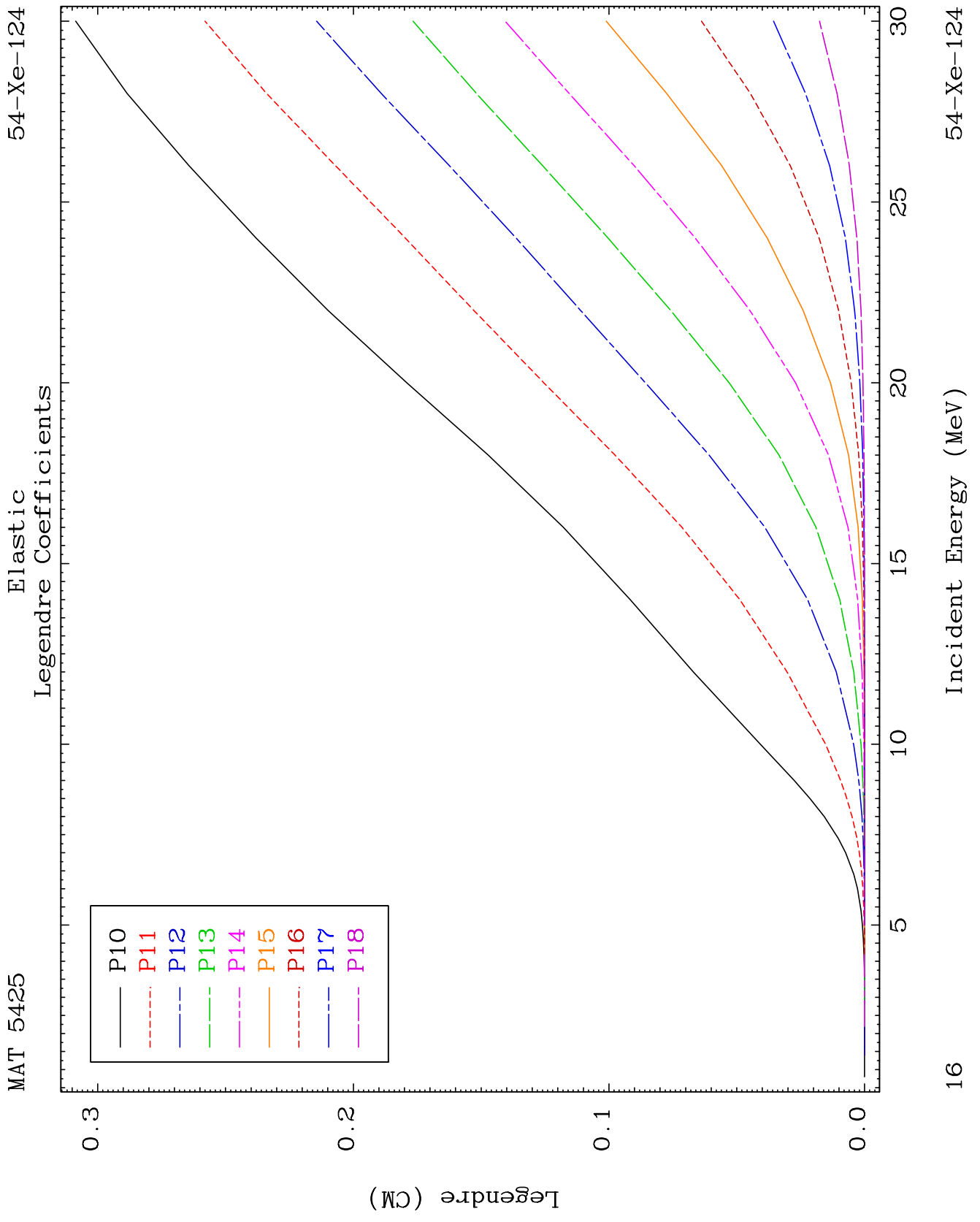
MAT 5425

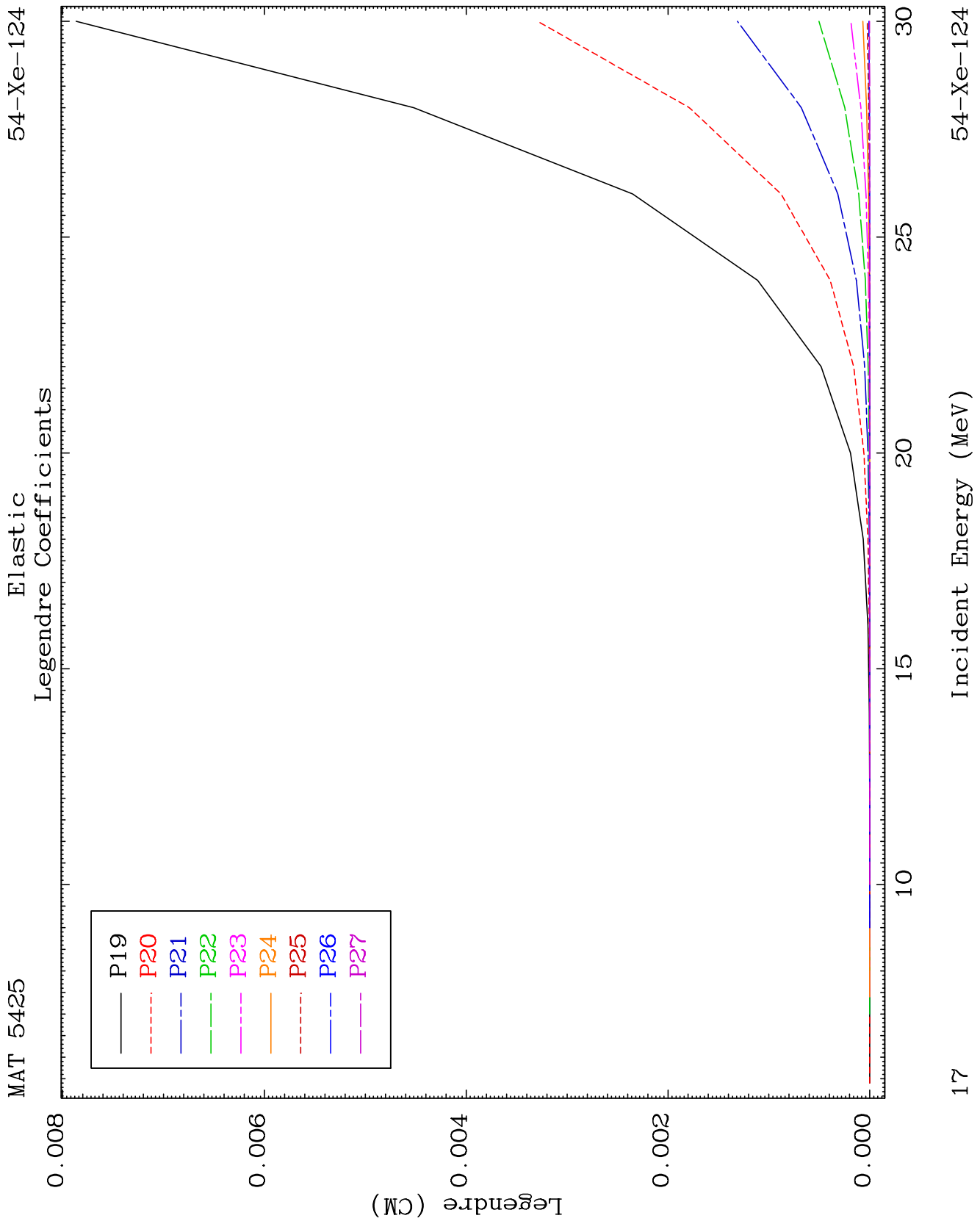
(n, α) Levels
293 Kelvin Cross Sections

54-Xe-124





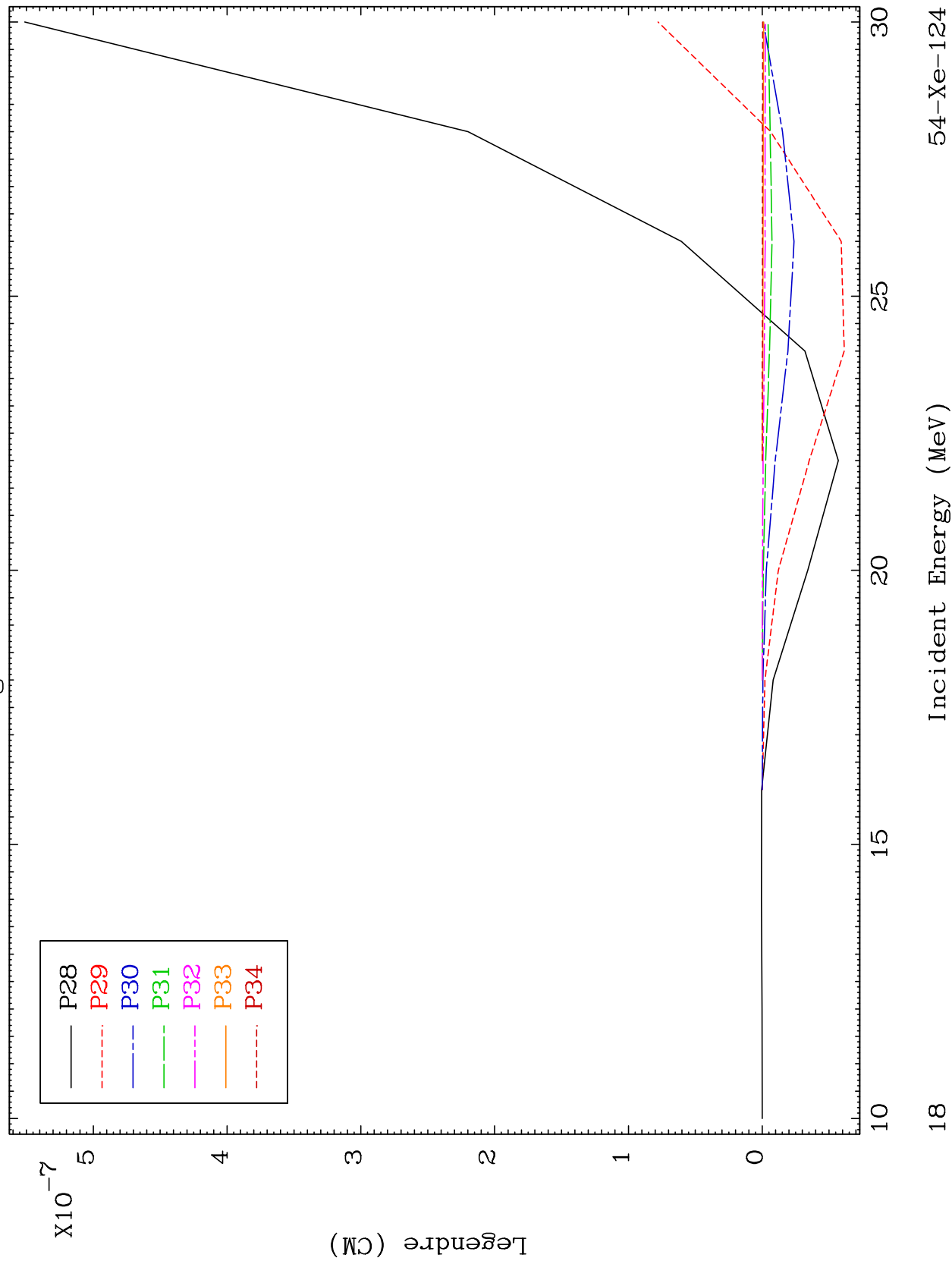


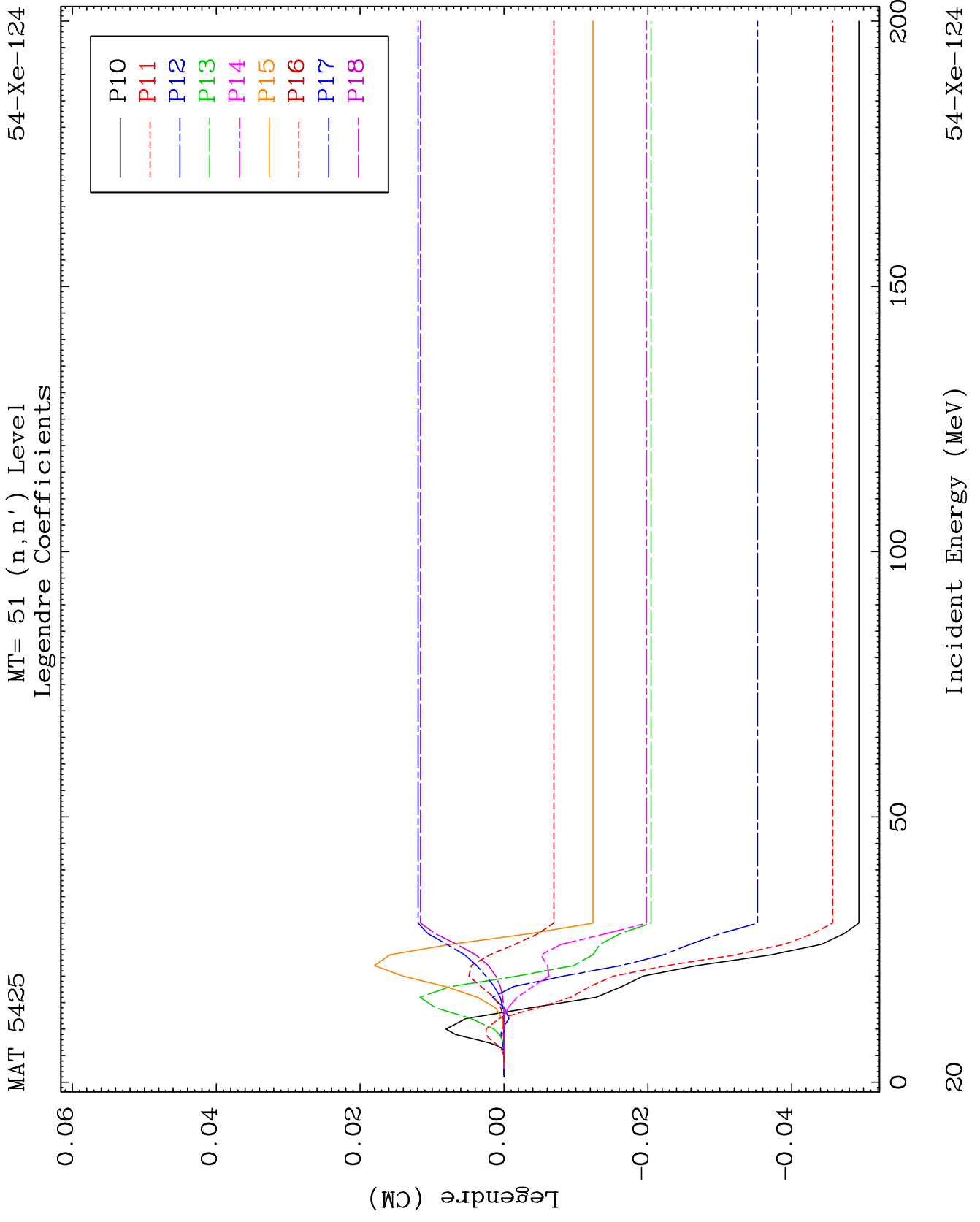


MAT 5425

Elastic Legendre Coefficients

54-Xe-124

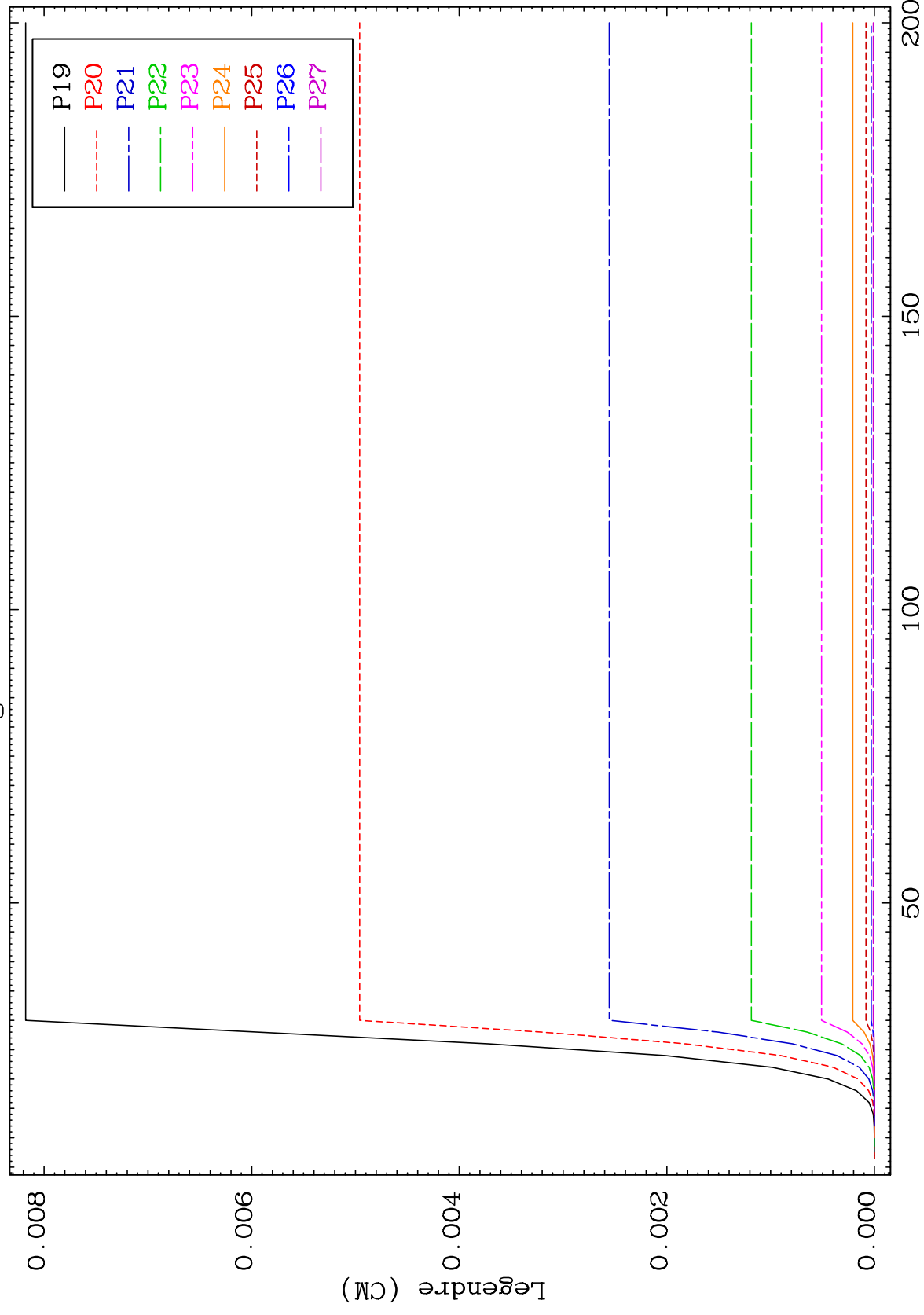




MAT 5425

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

54-Xe-124



21

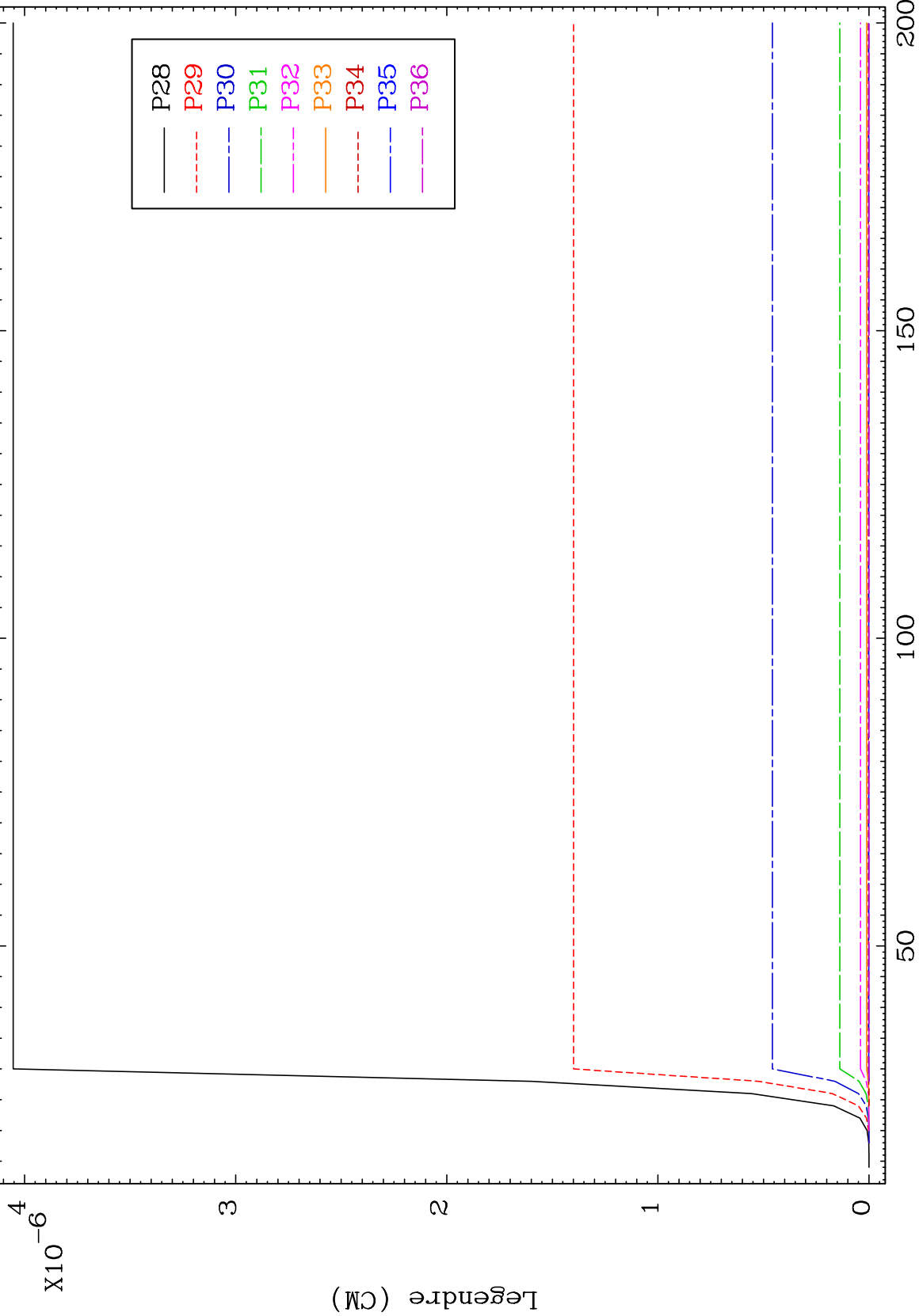
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

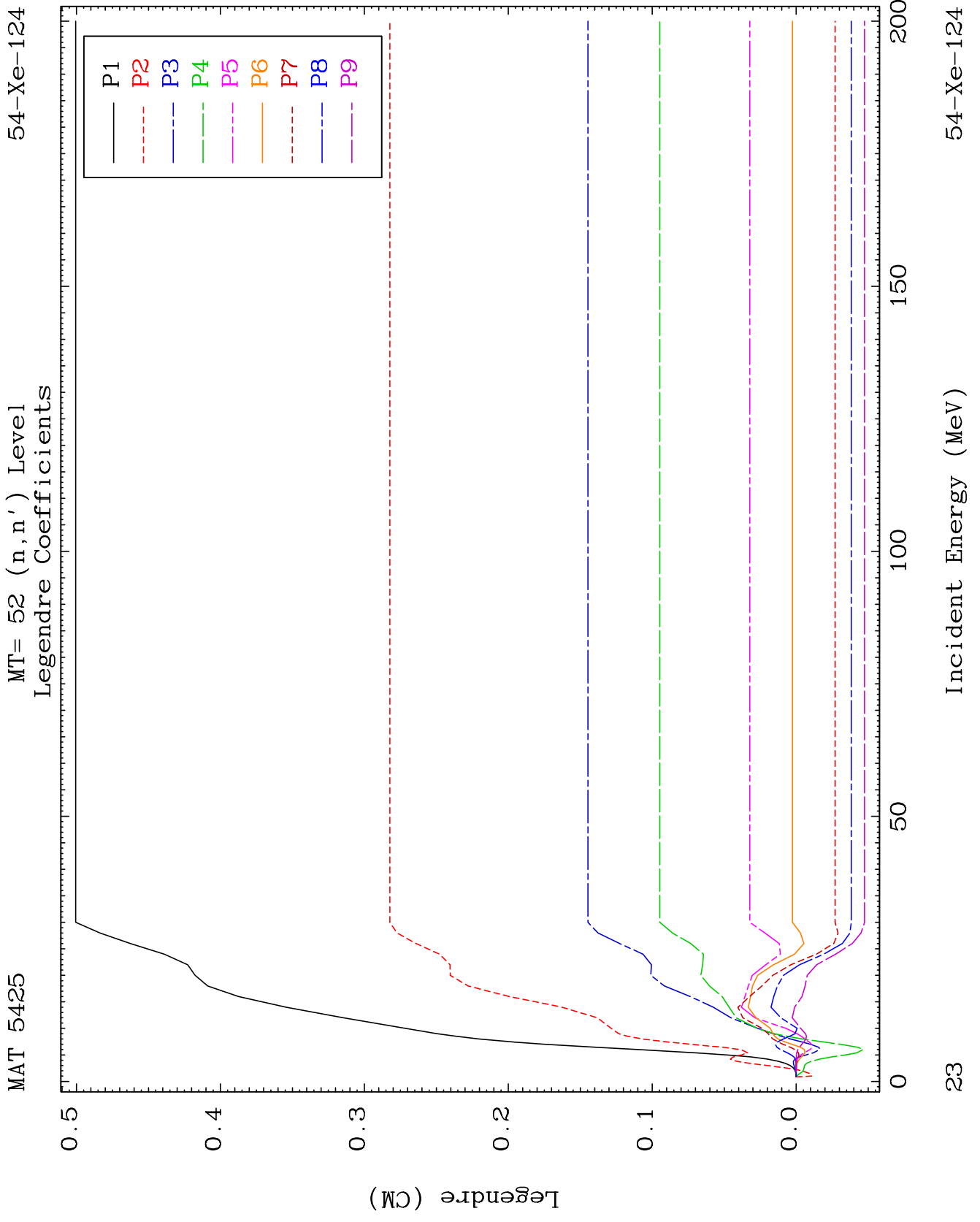
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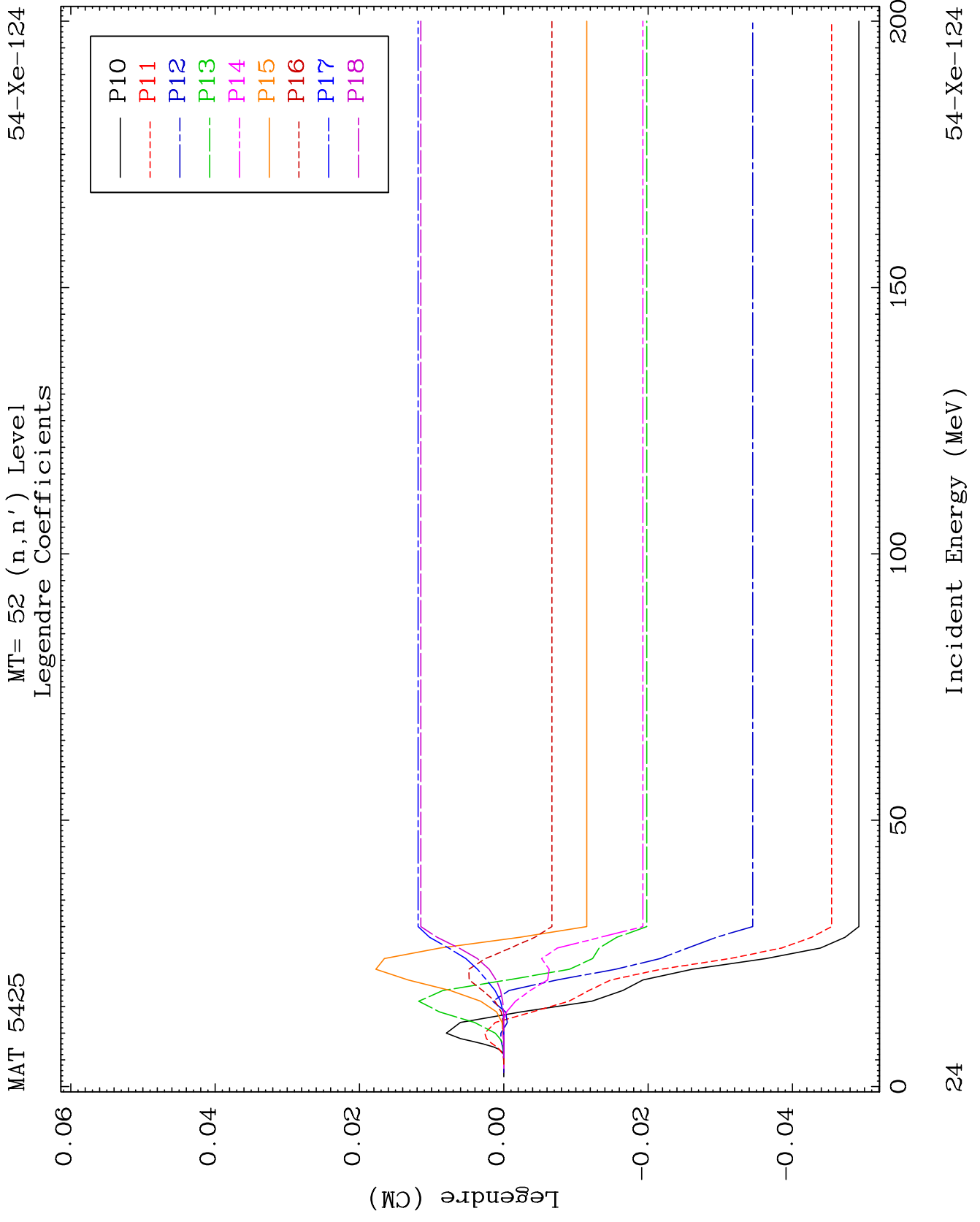


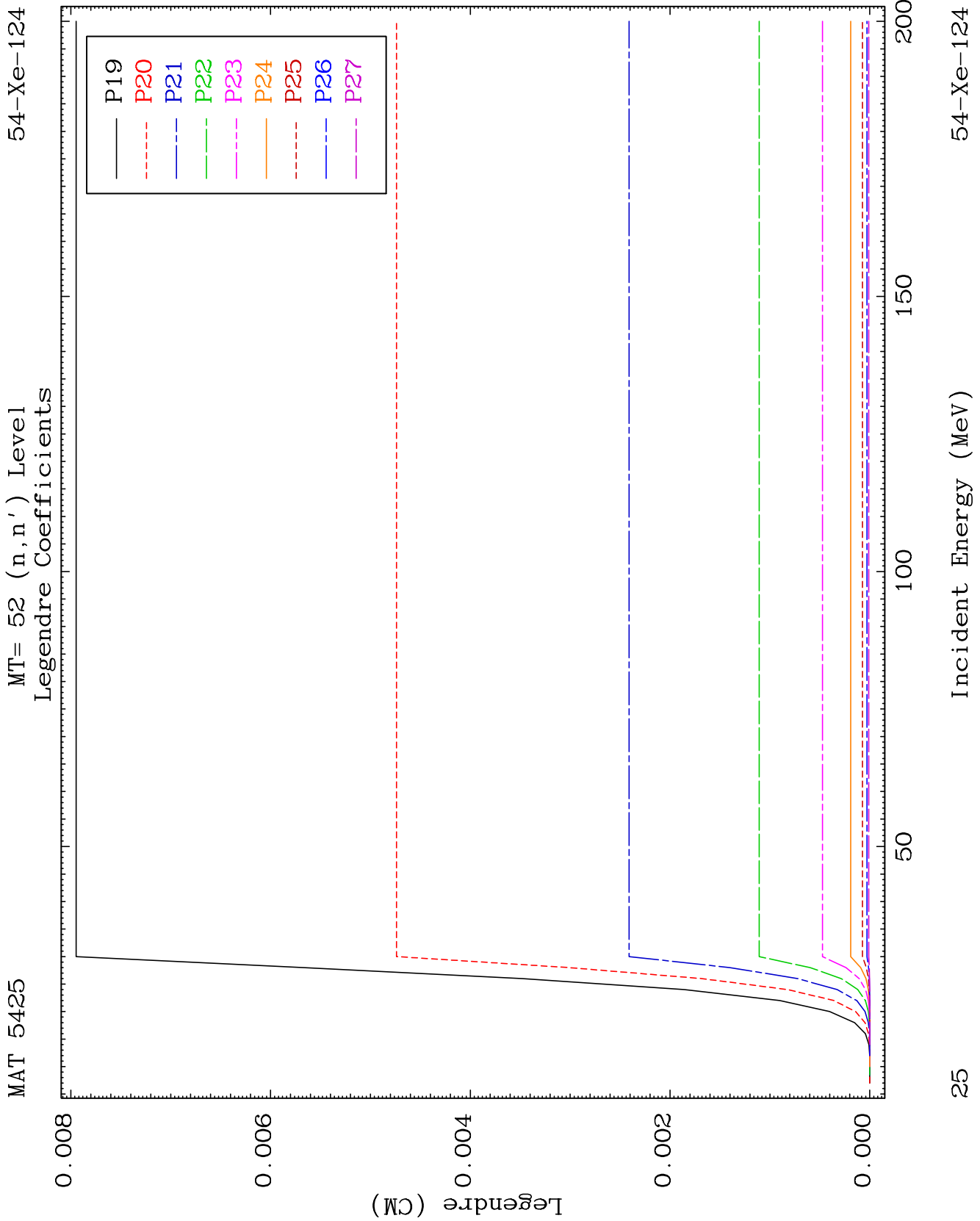
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Incident Energy (MeV)

54-Xe-124



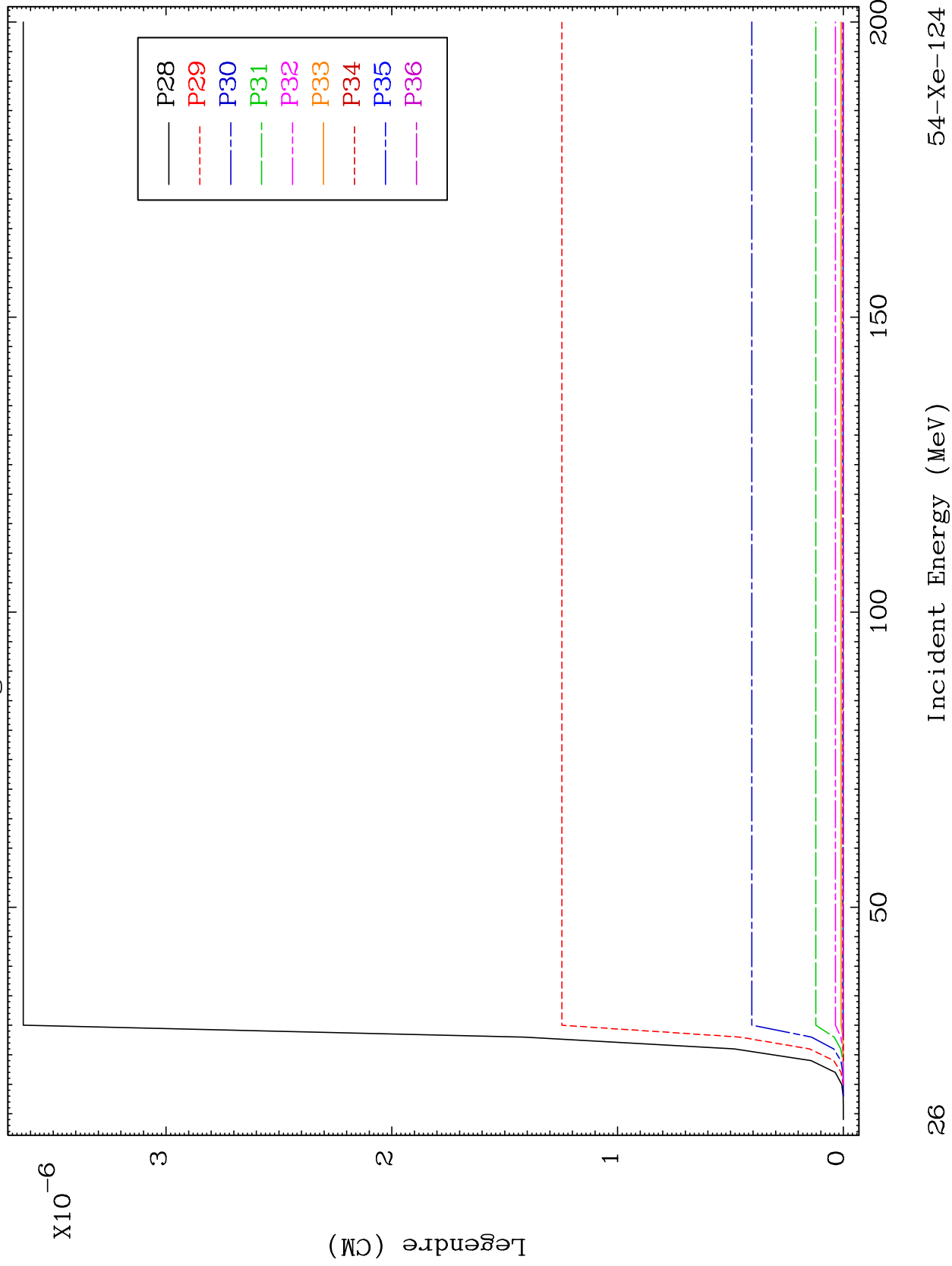




MAT 5425

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

54-Xe-124



26

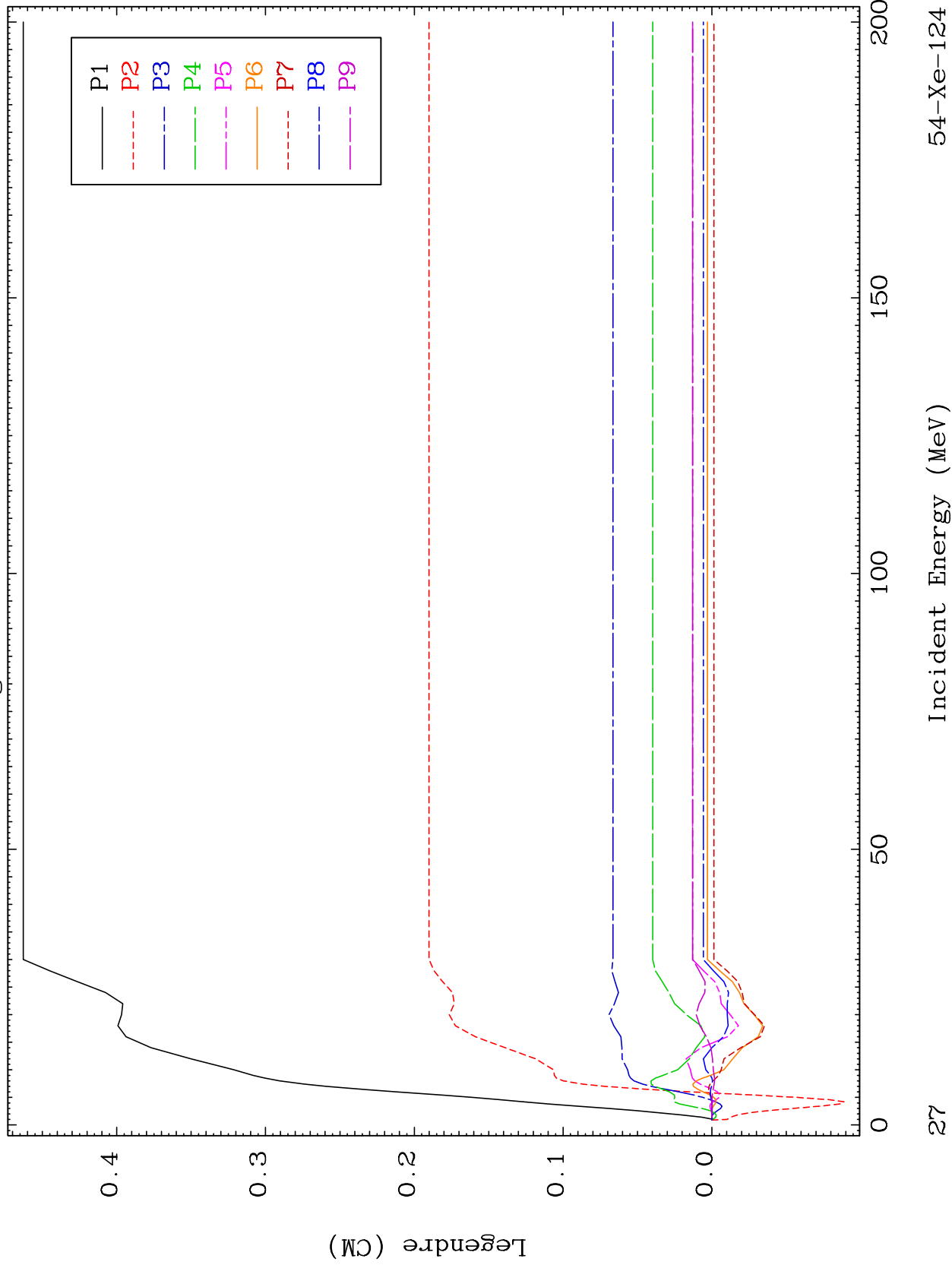
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

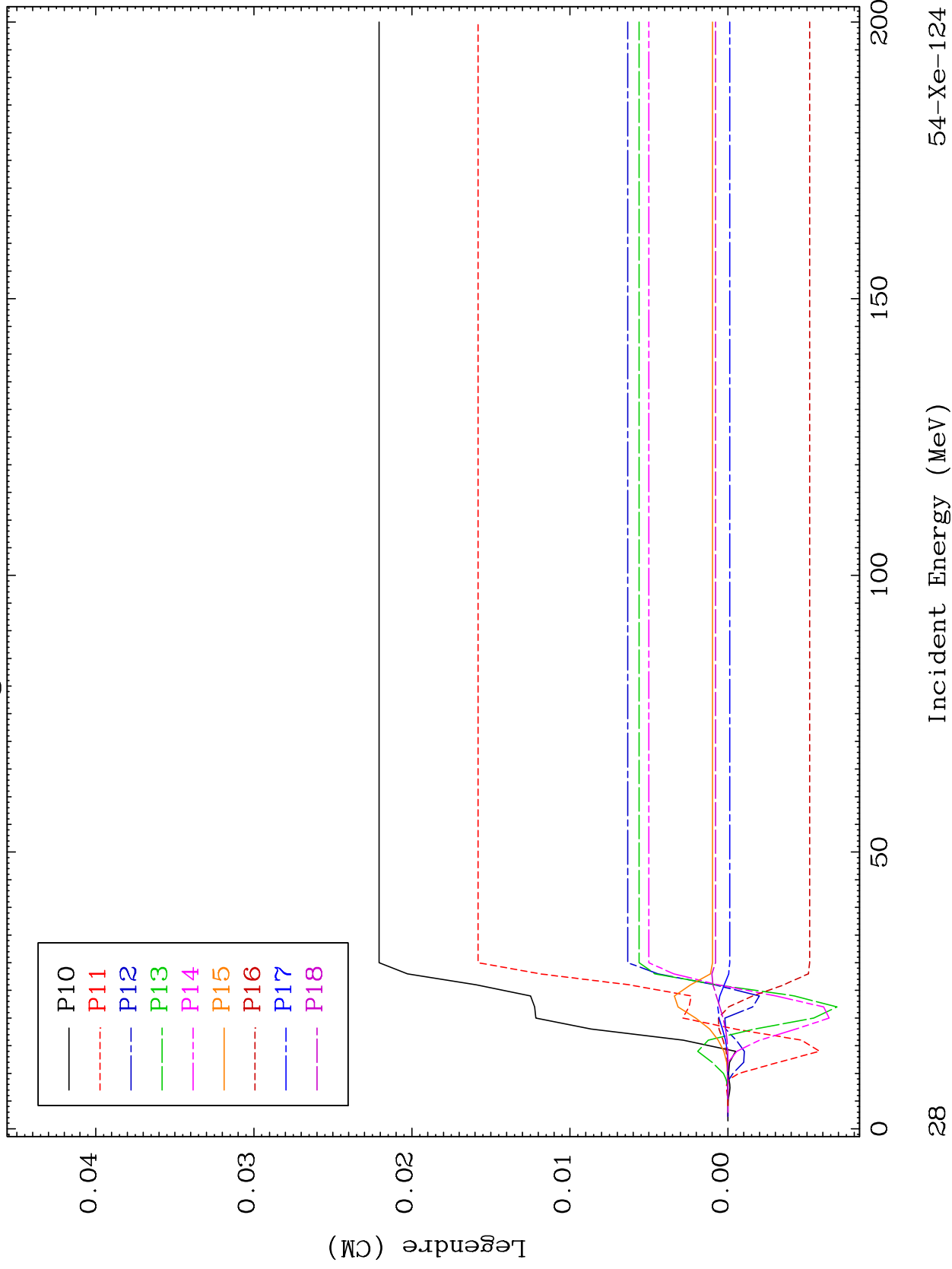
54-Xe-124



MAT 5425

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

54-Xe-124



54-Xe-124

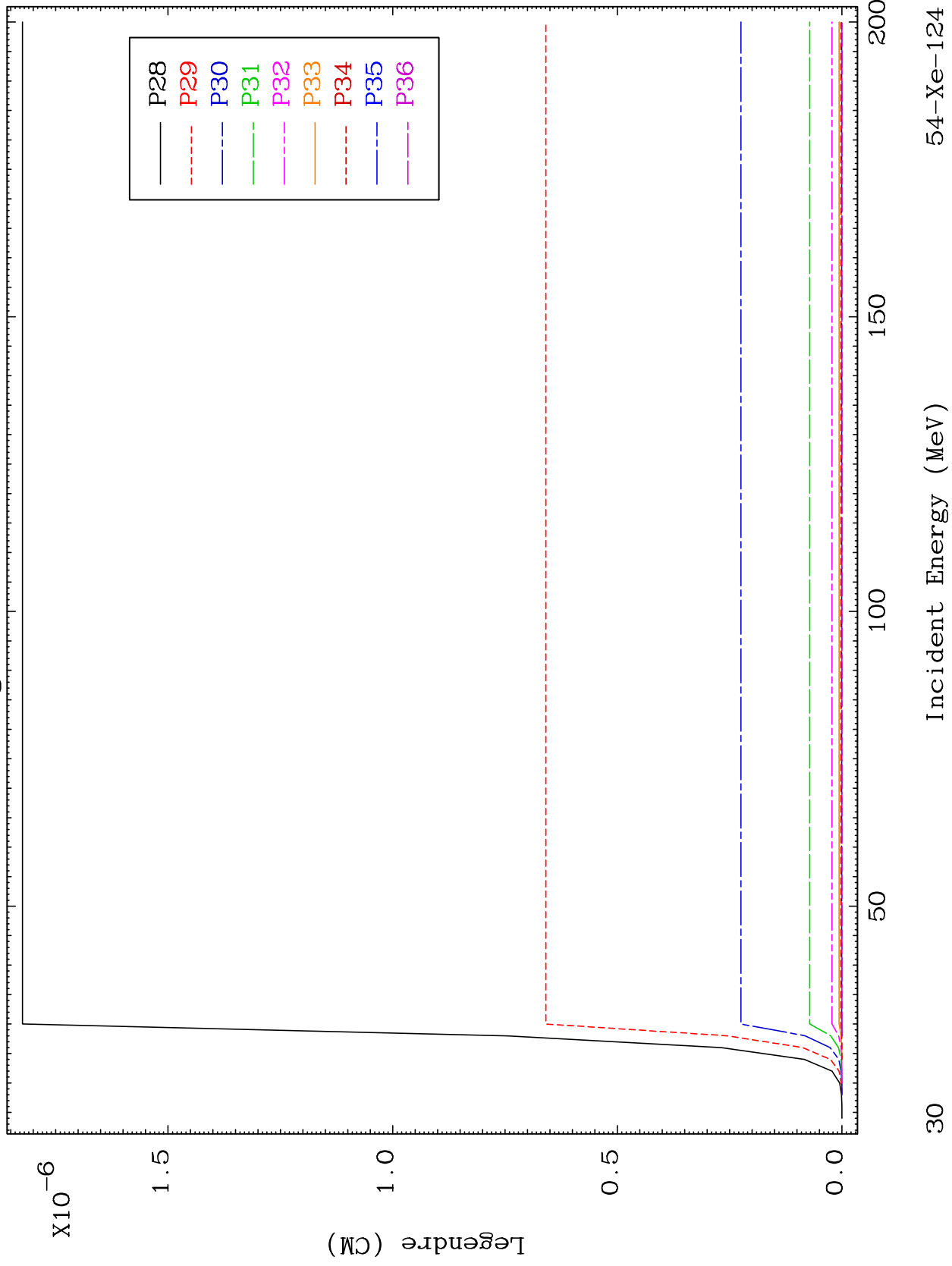
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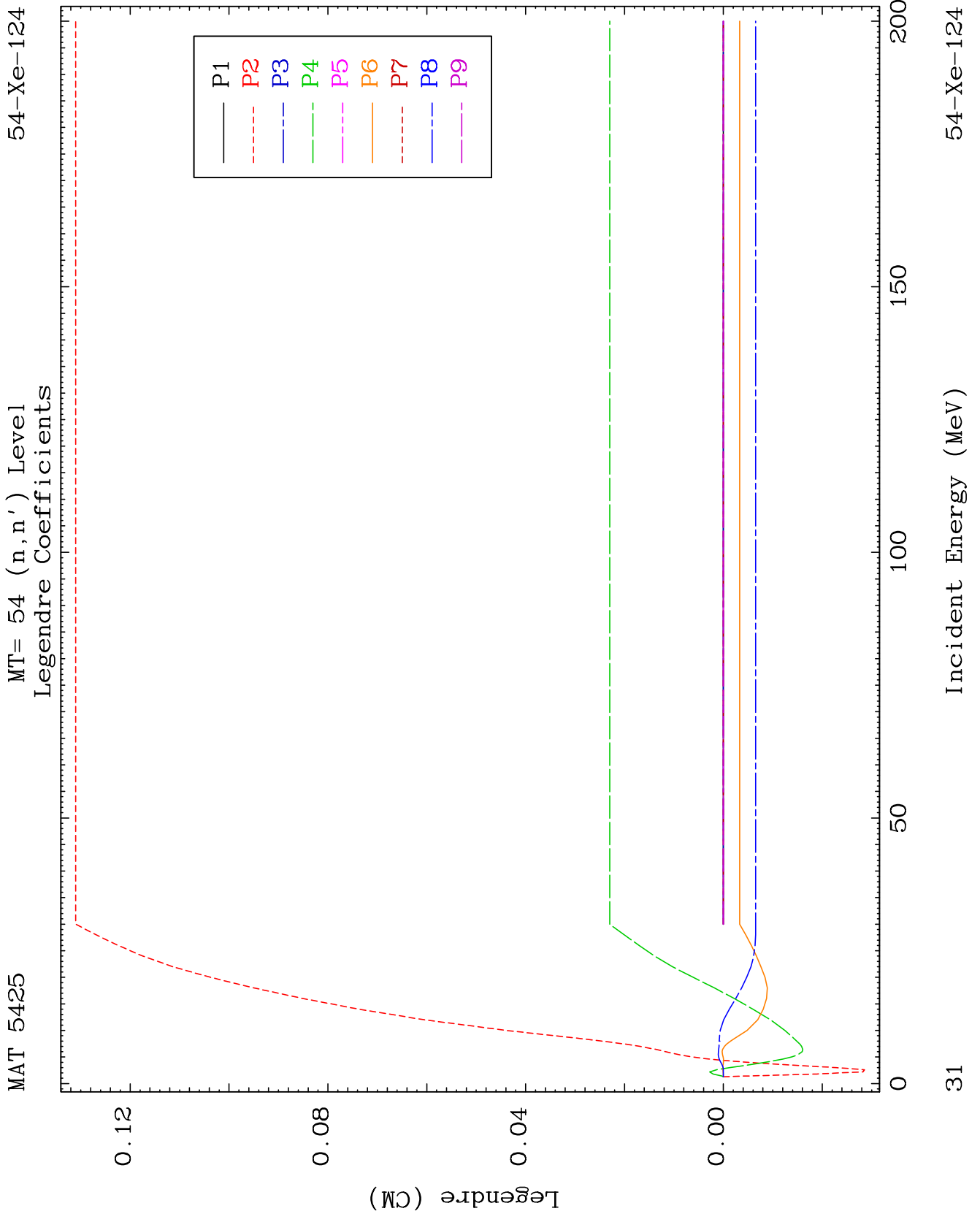
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MAT 5425

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

54-Xe-124

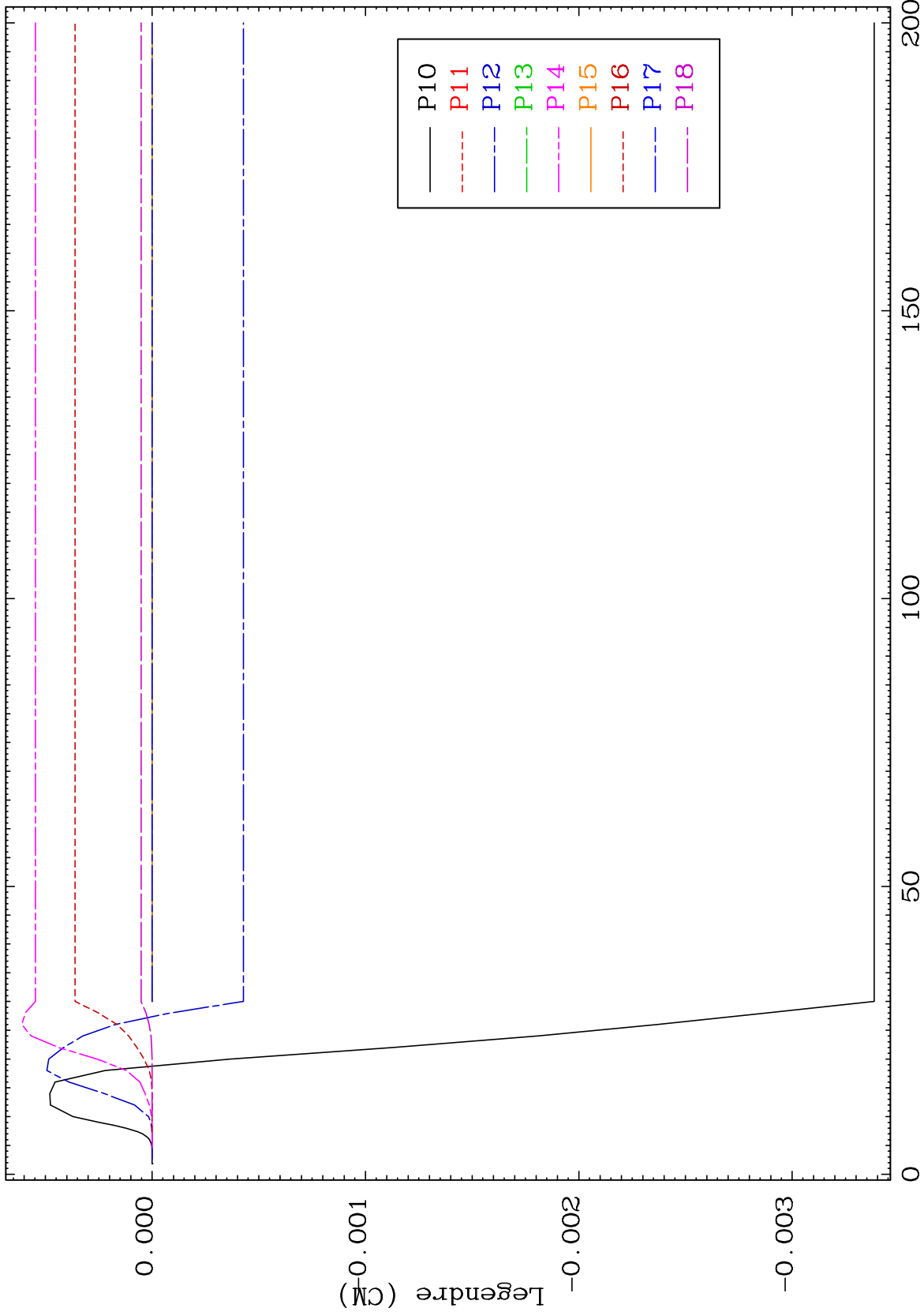




MAT 5425

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

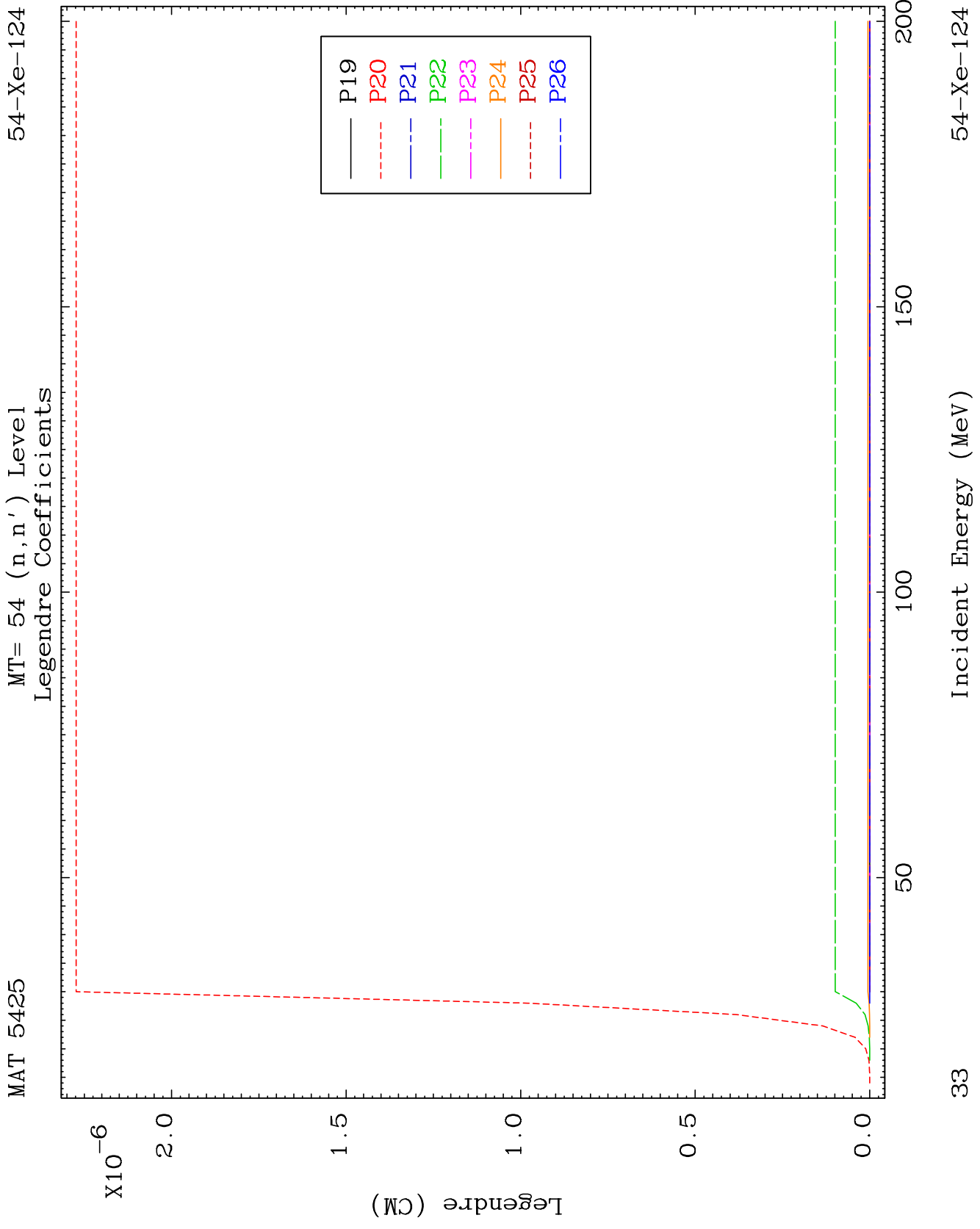
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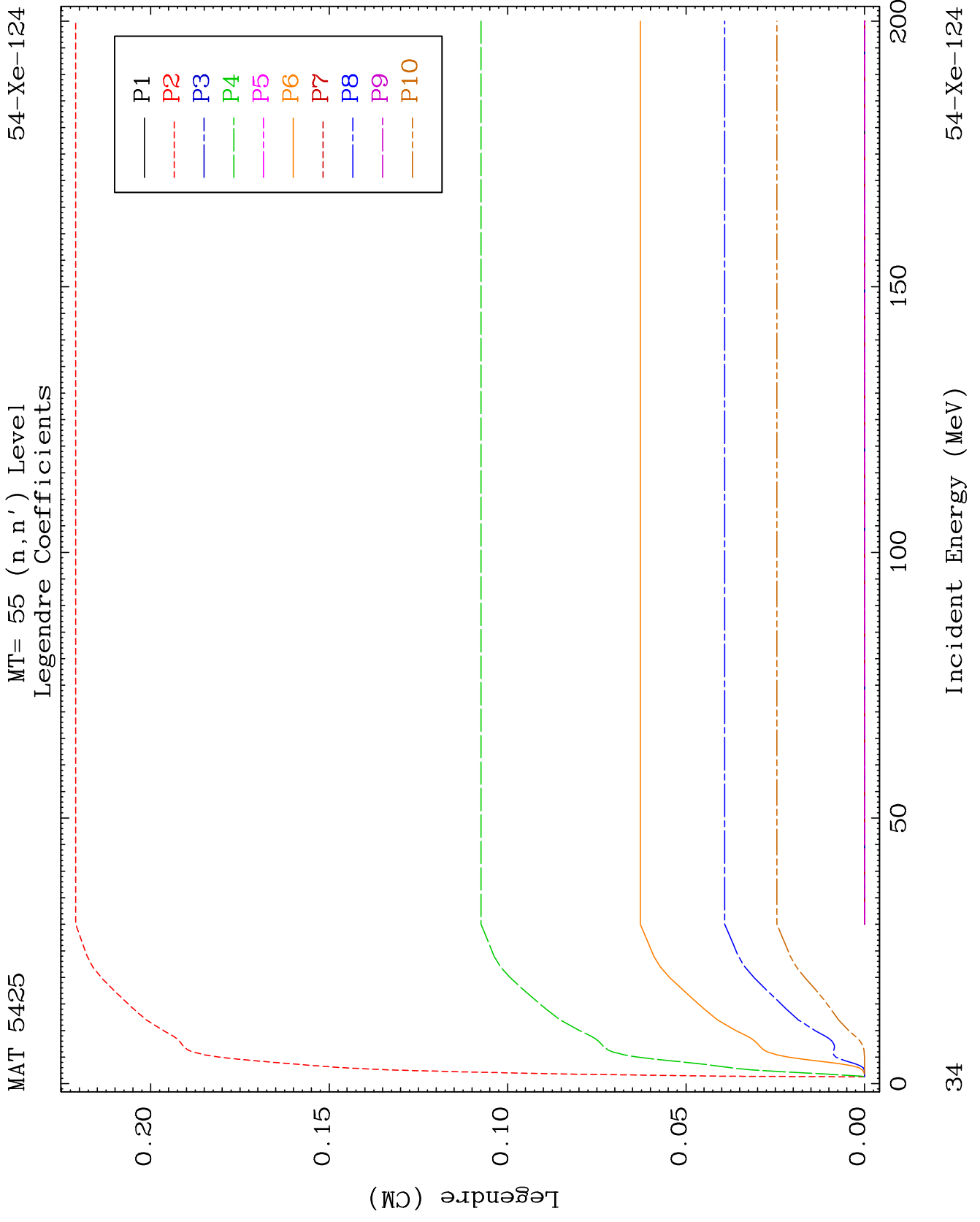


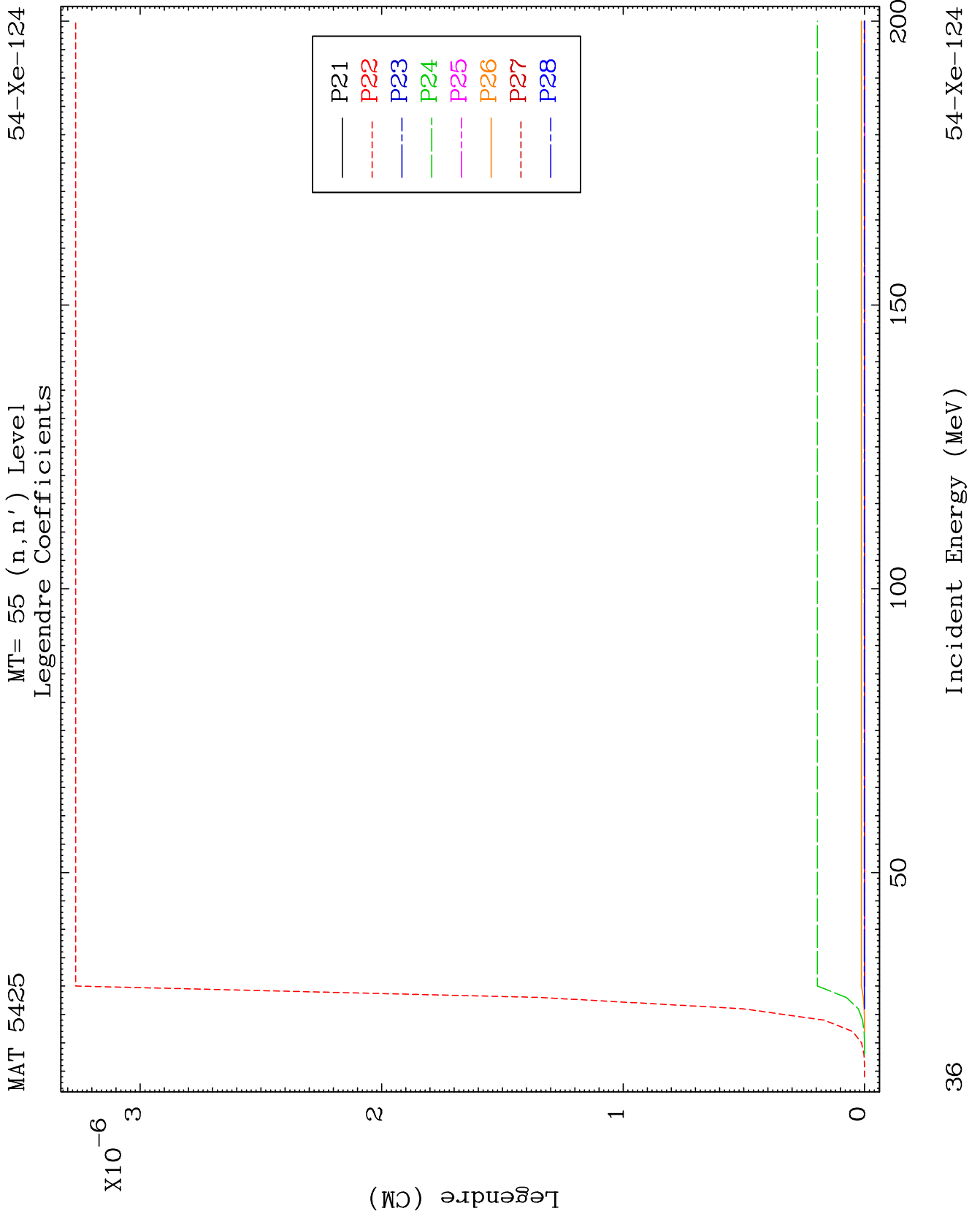
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Incident Energy (MeV)

54-Xe-124



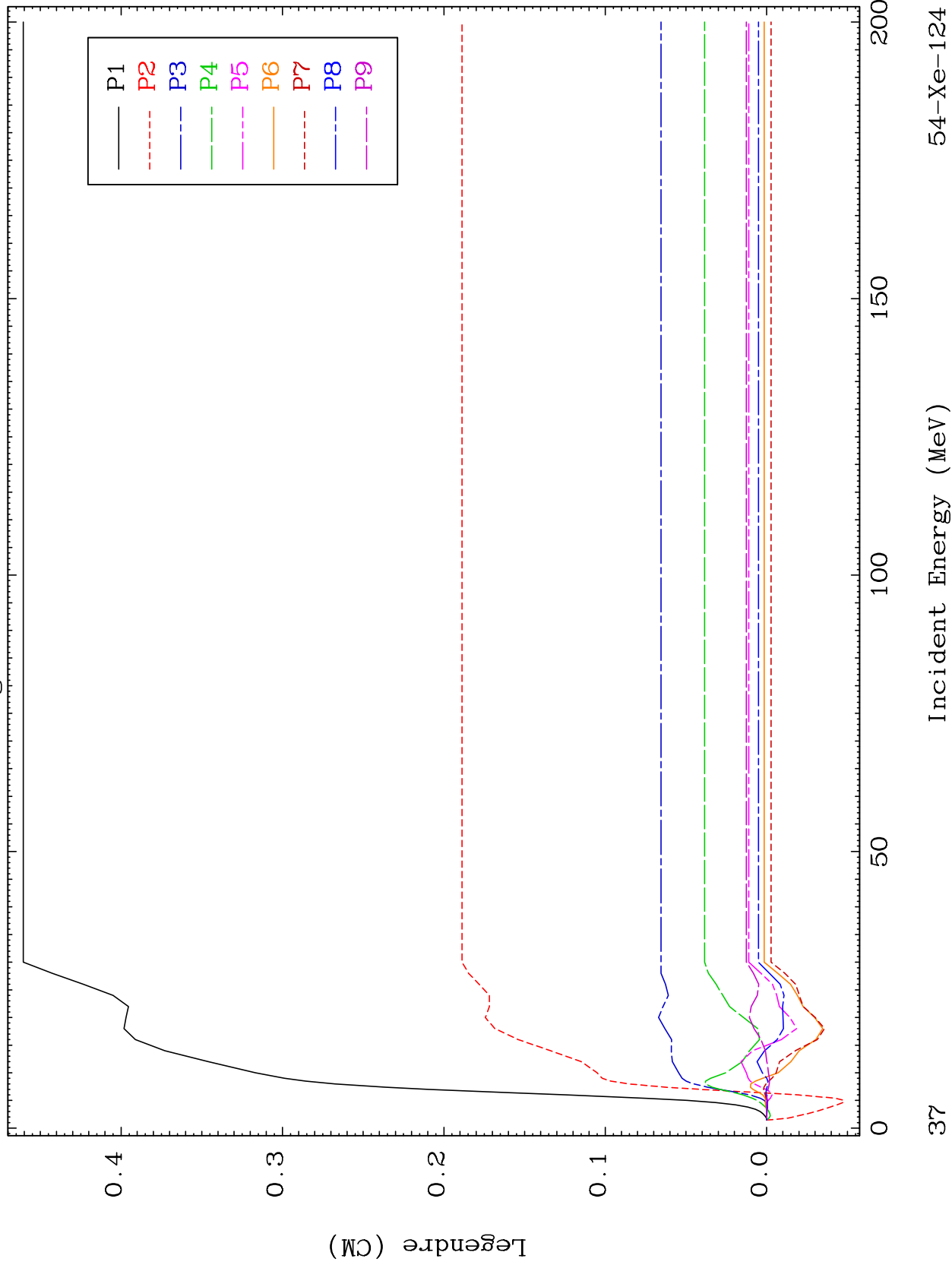




MAT 5425

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

54-Xe-124



54-Xe-124

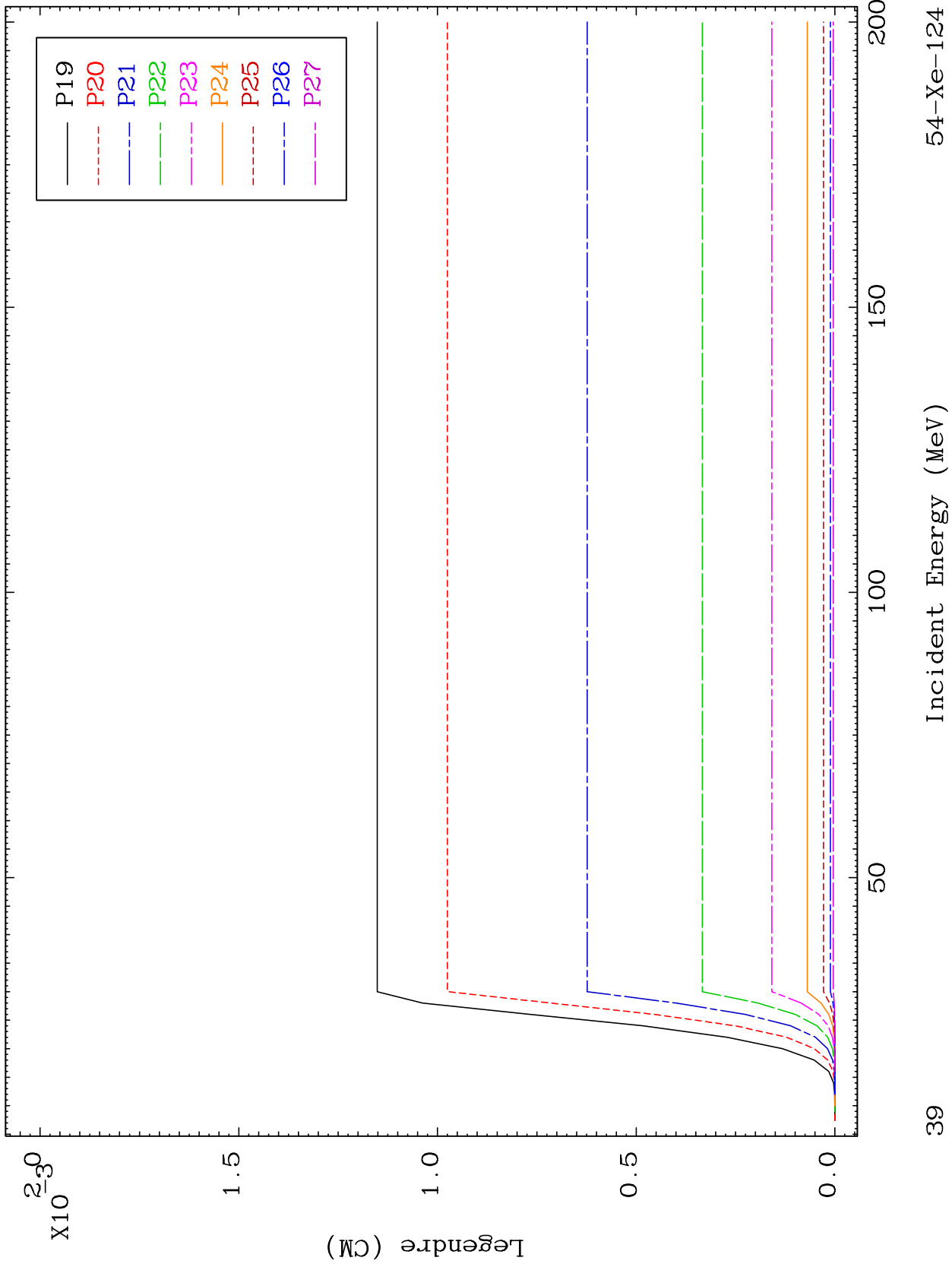
Incident Energy (MeV)

37

MAT 5425

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

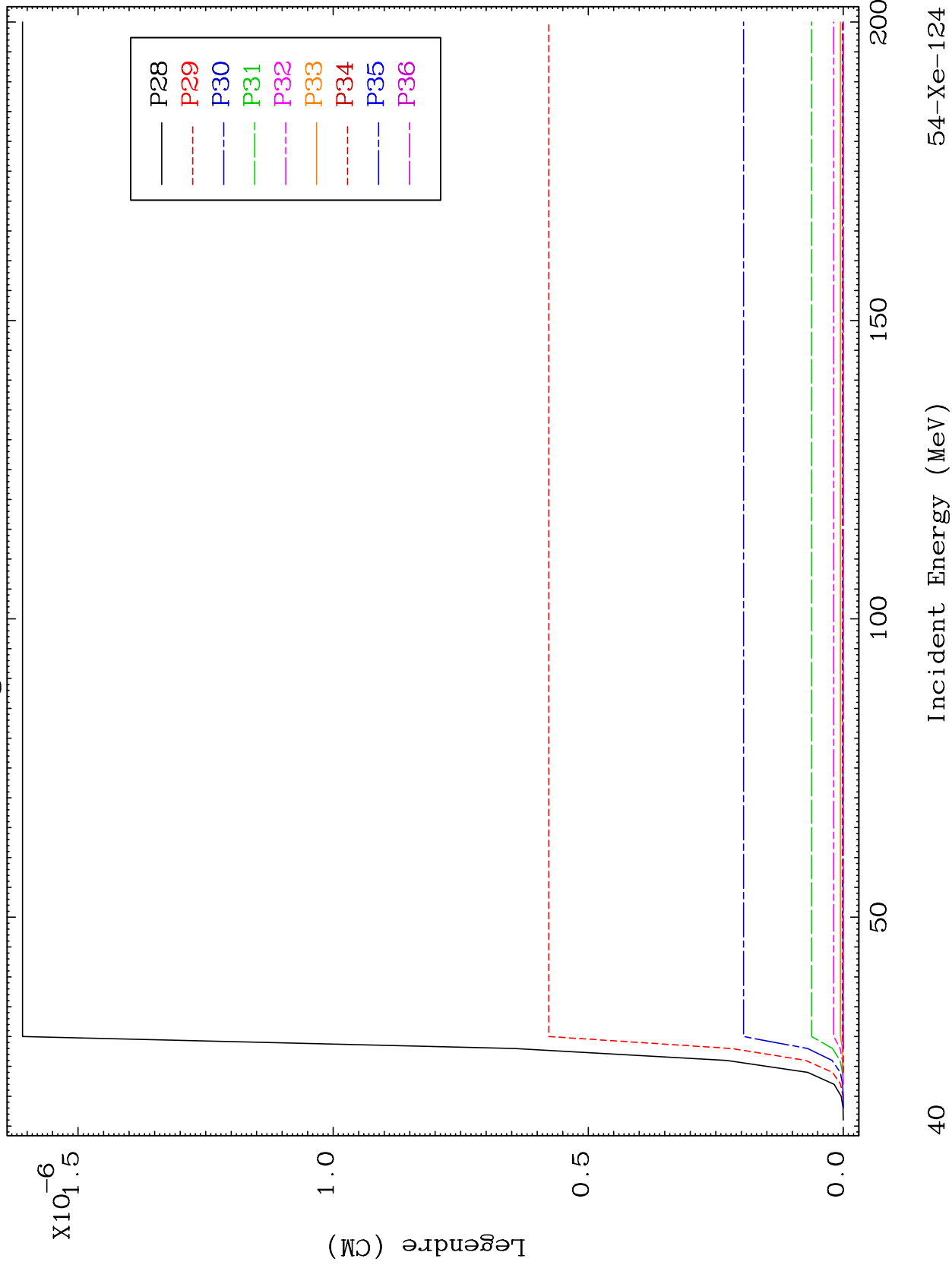
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MAT 5425

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

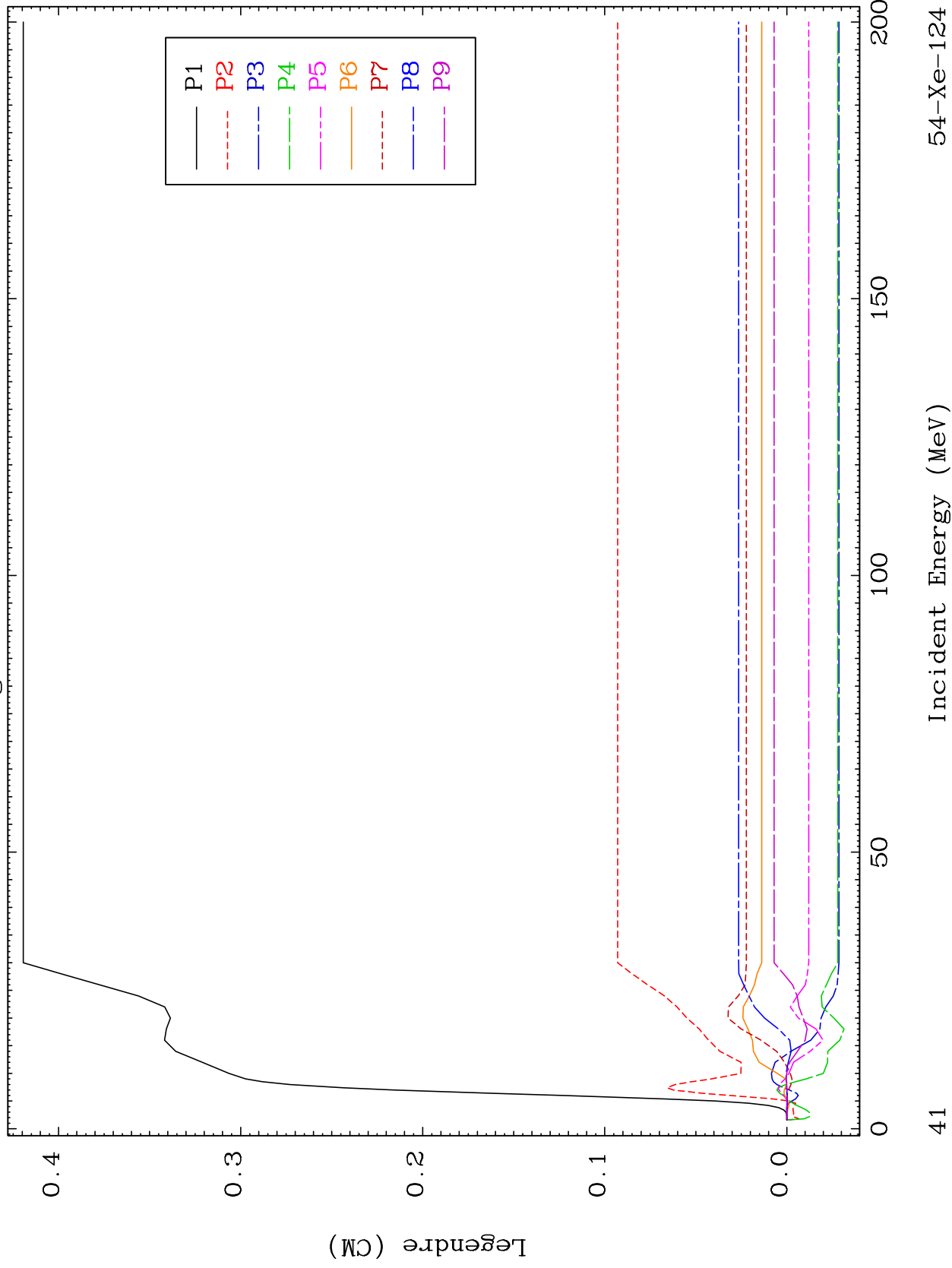
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MAT 5425

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

54-Xe-124



41

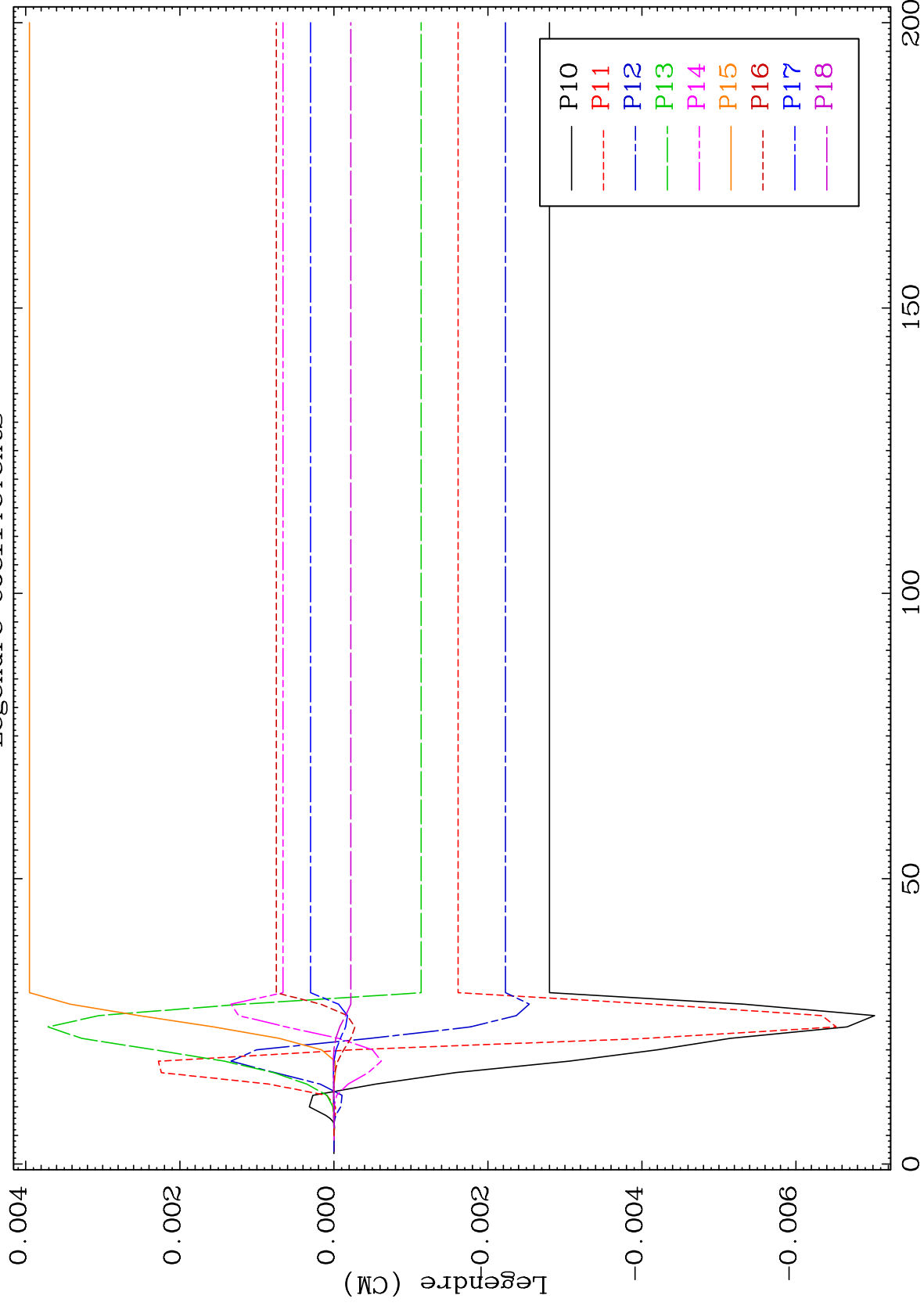
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

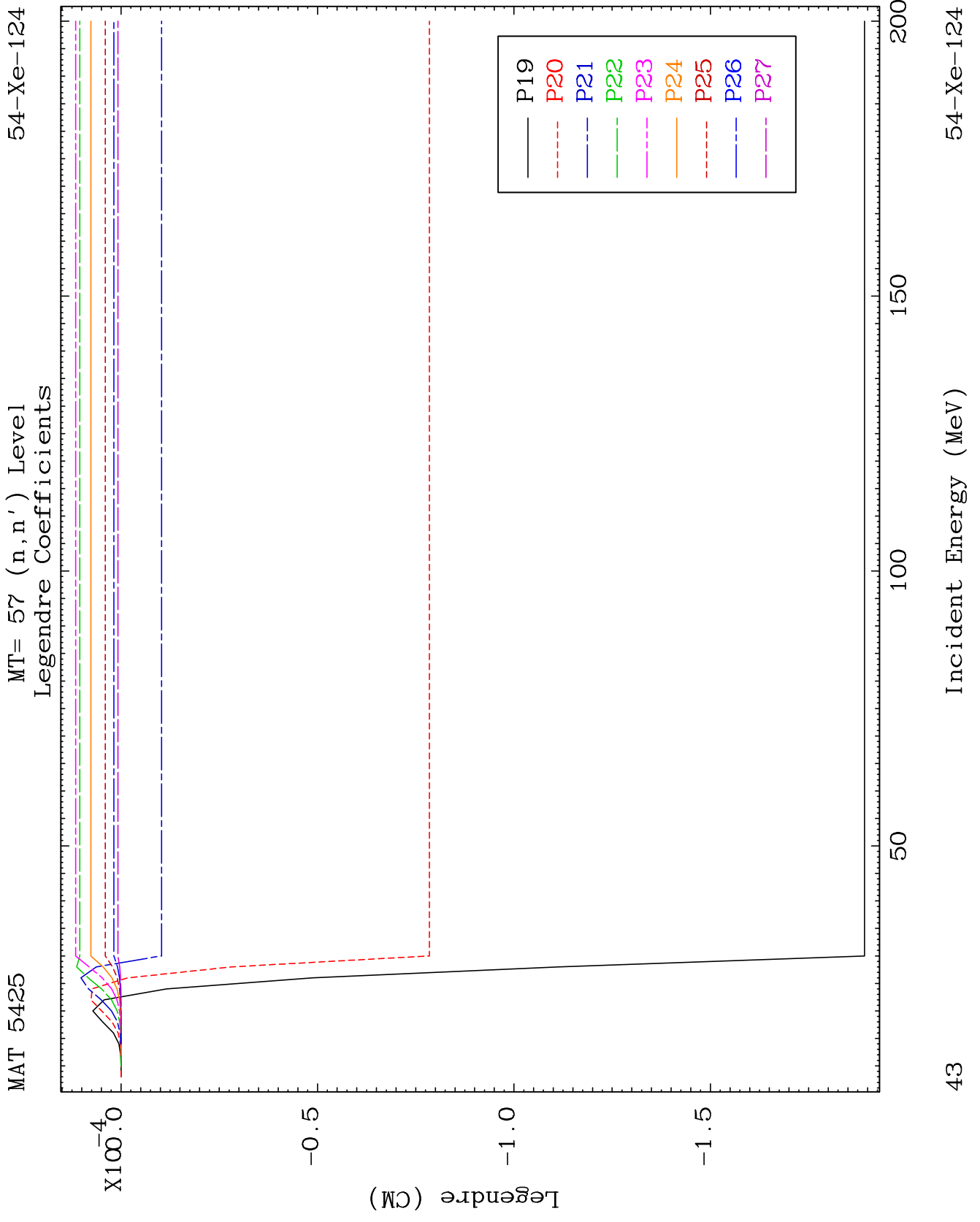
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Incident Energy (MeV)

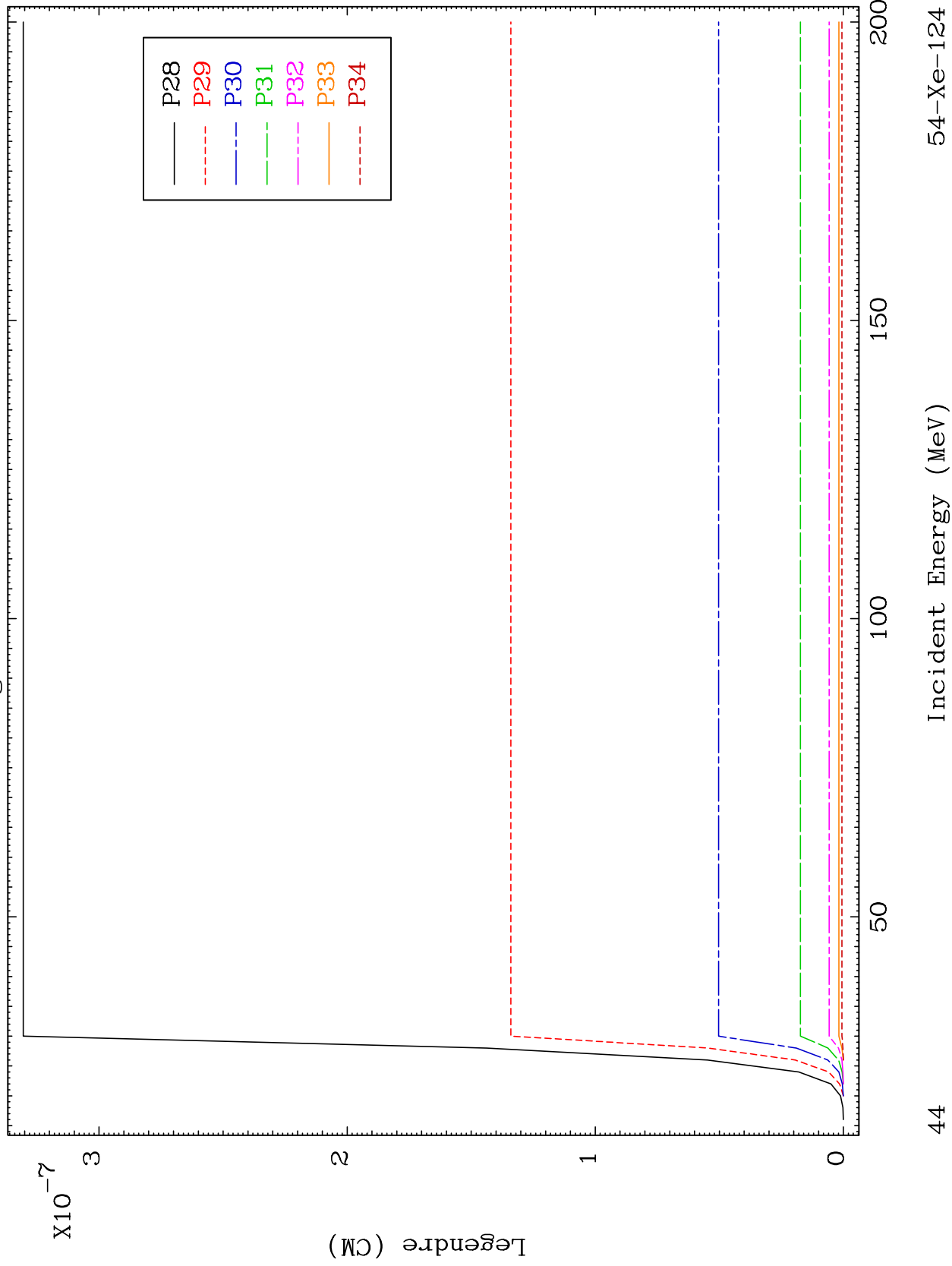
54-Xe-124



MAT 5425

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

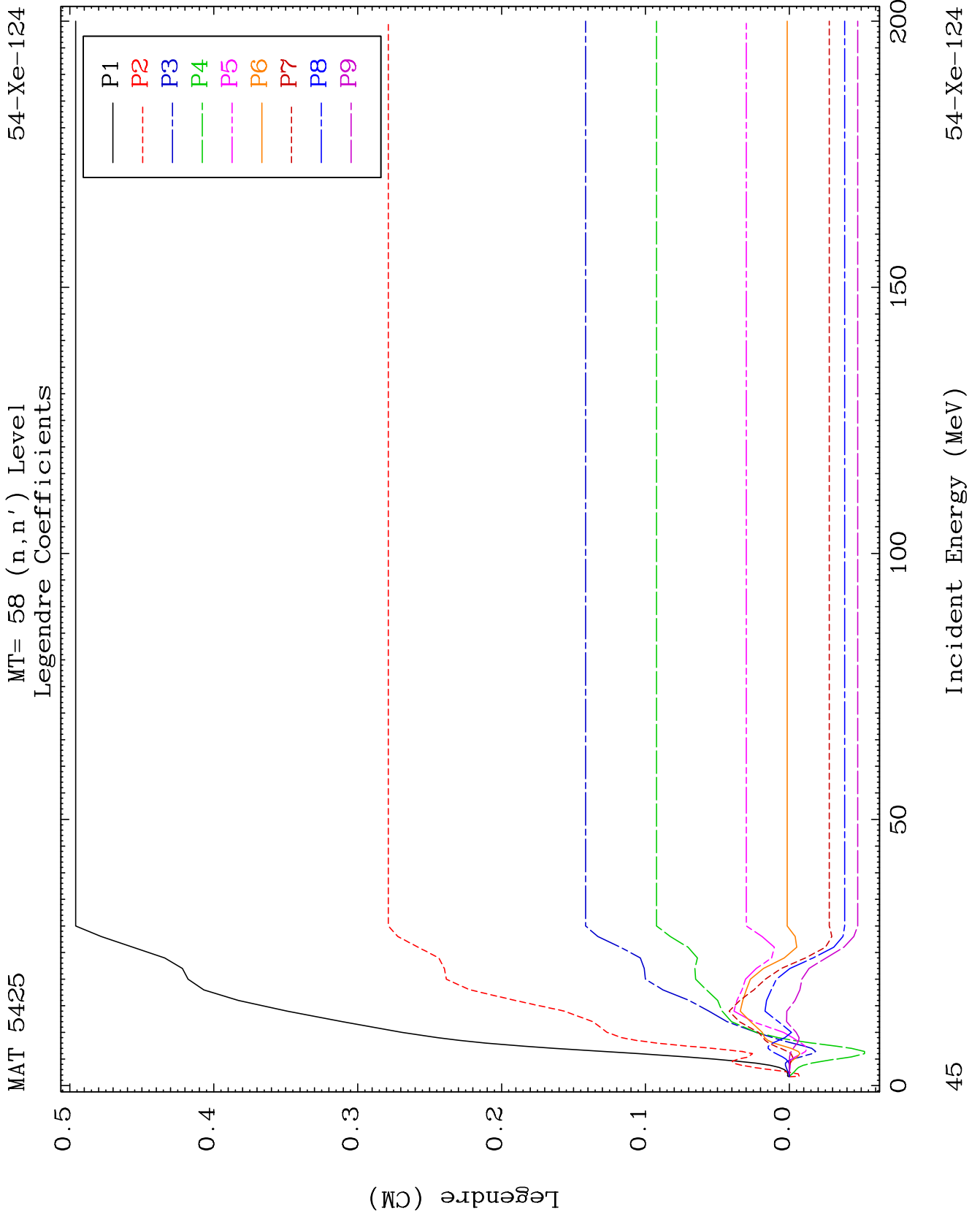
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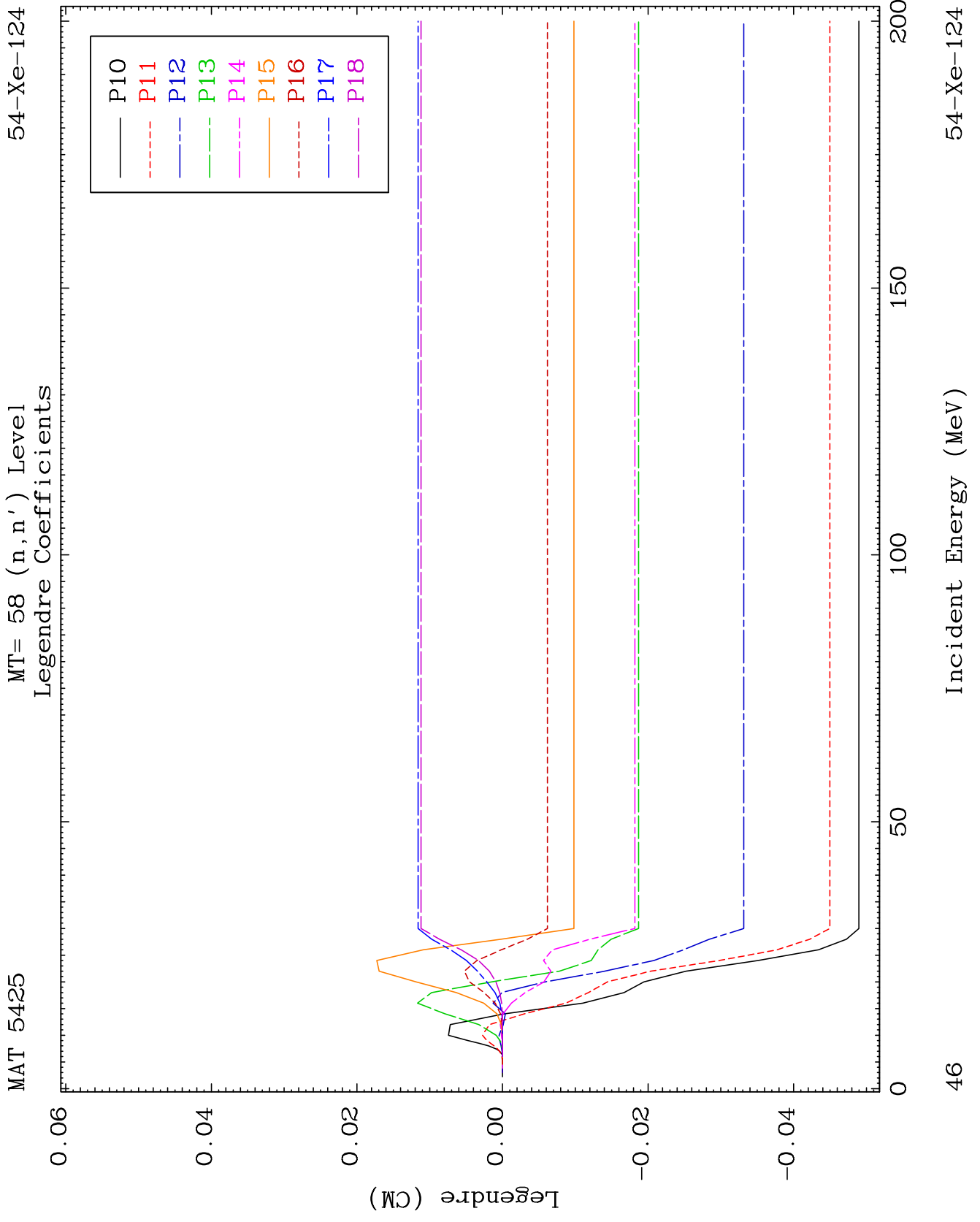


44

Incident Energy (MeV)

54-Xe-124

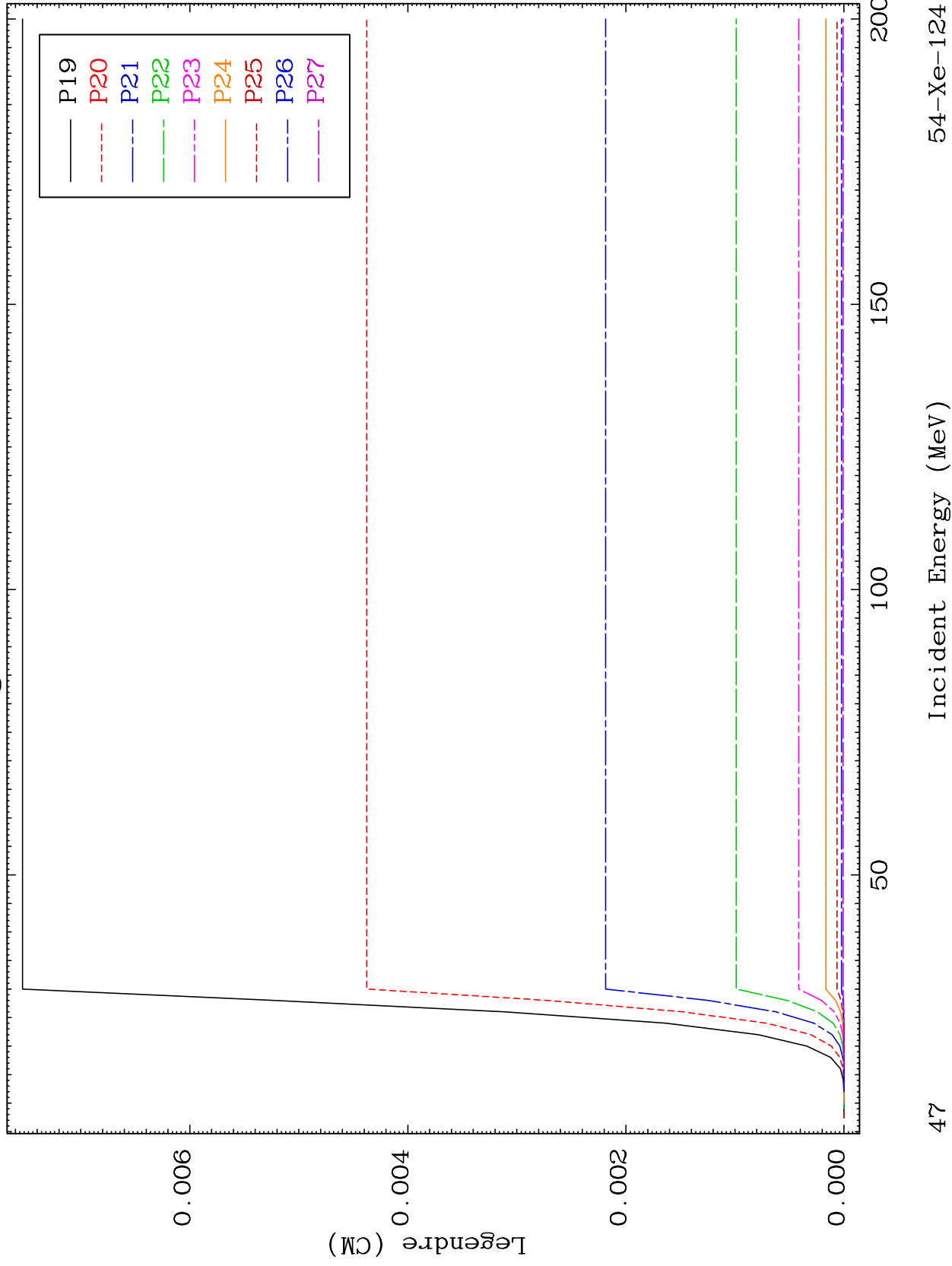




MAT 5425

MT= 58 (n,n') Level
Legendre Coefficients

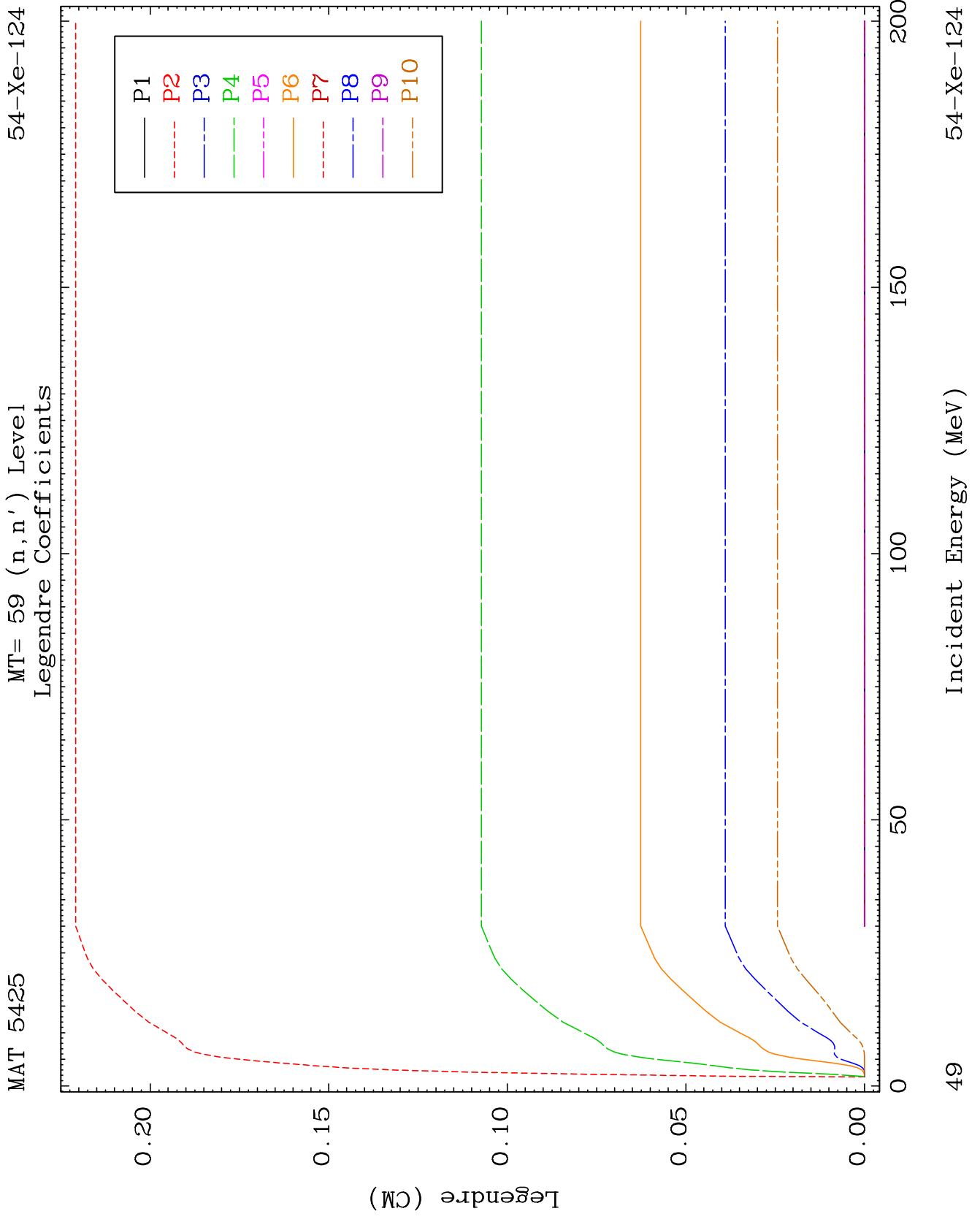
54-Xe-124



47

Incident Energy (MeV)

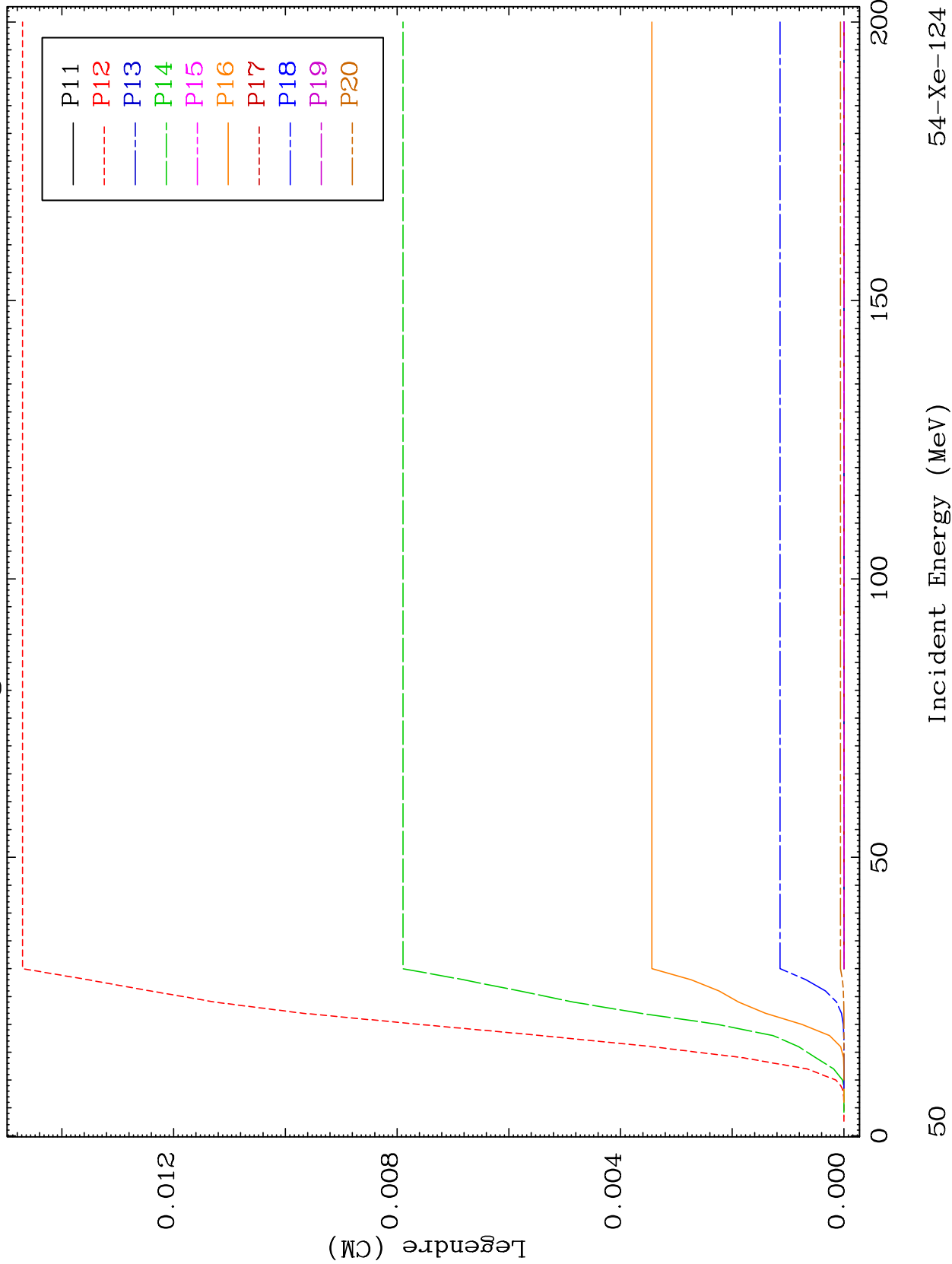
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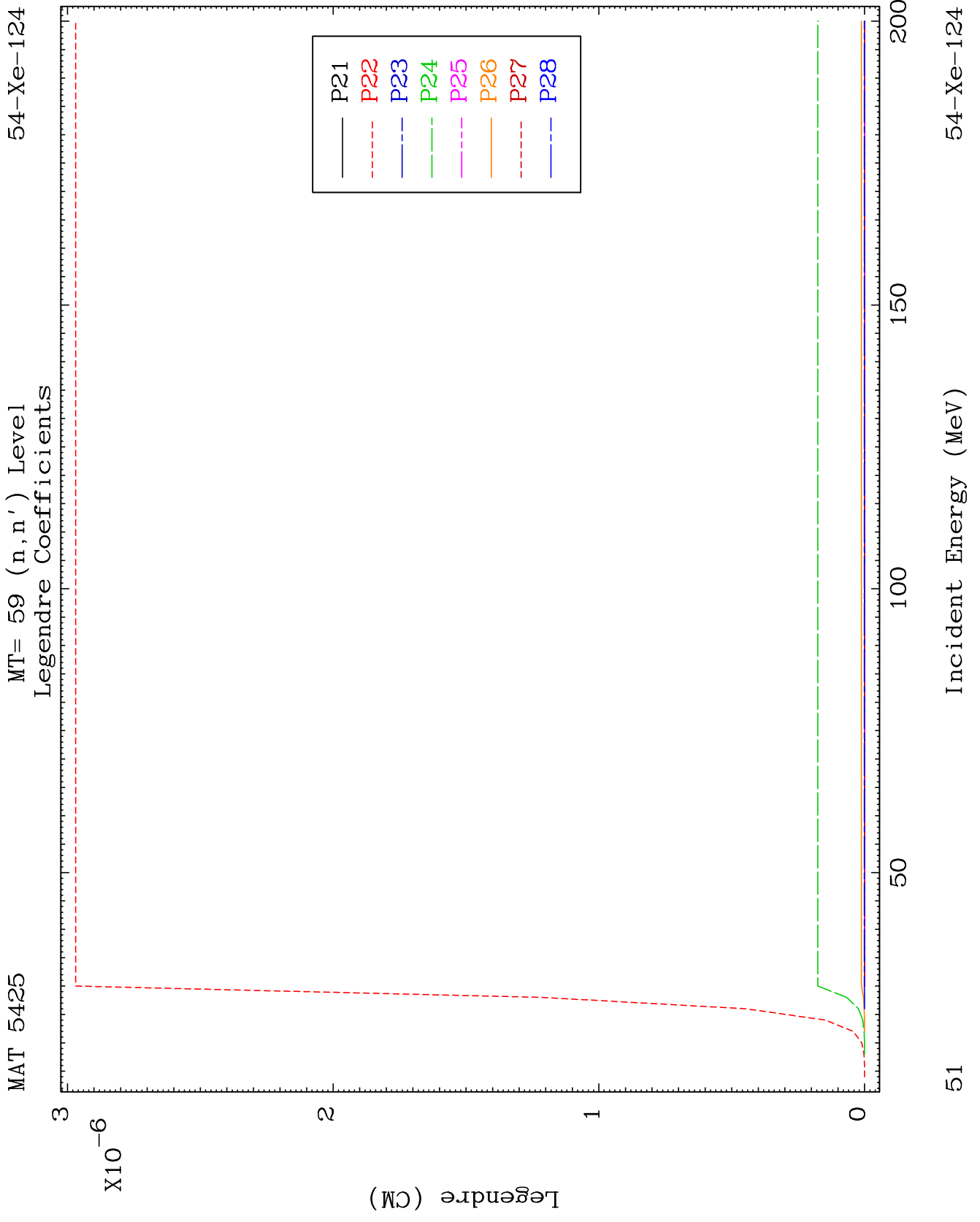


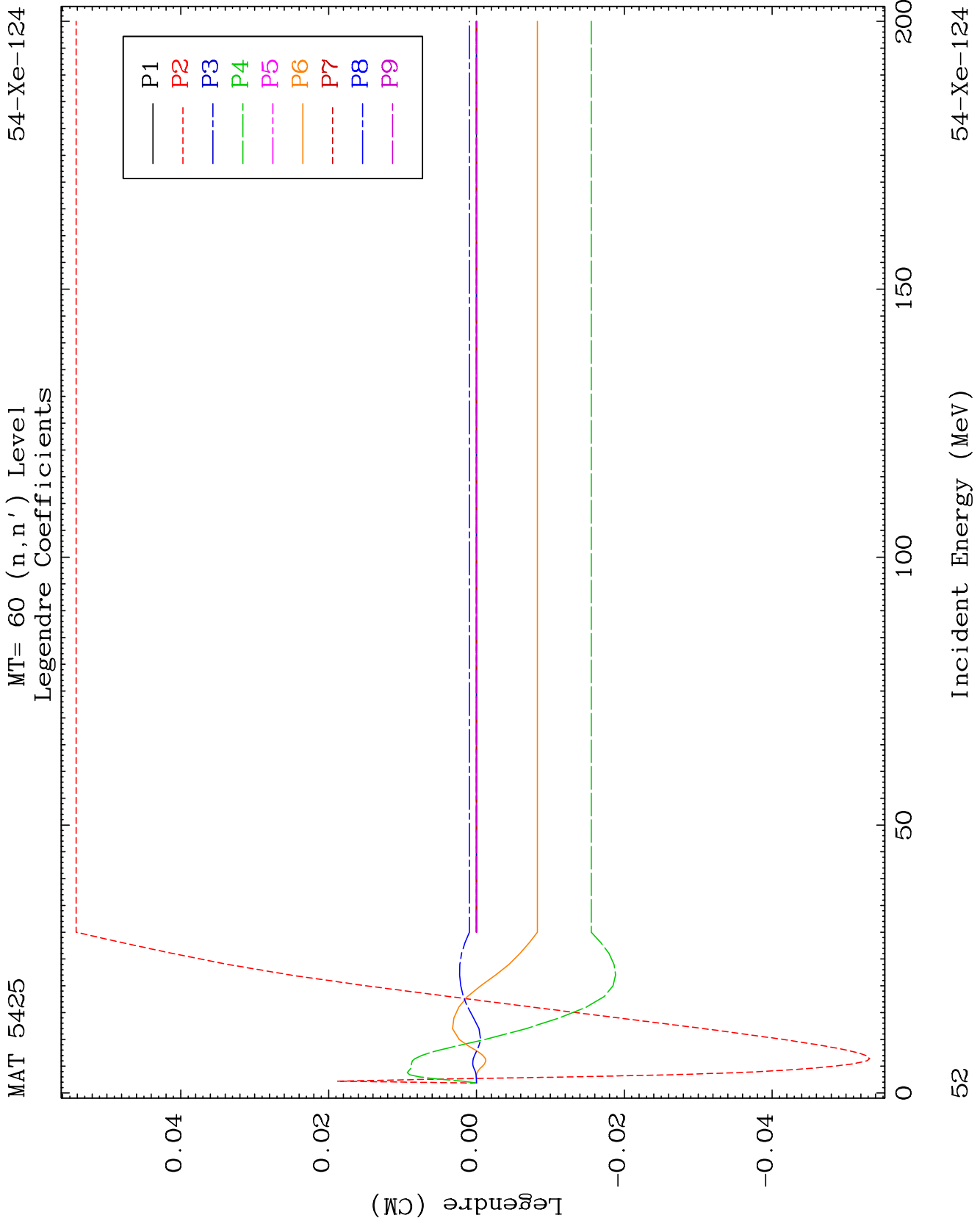
MAT 5425

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

54-Xe-124



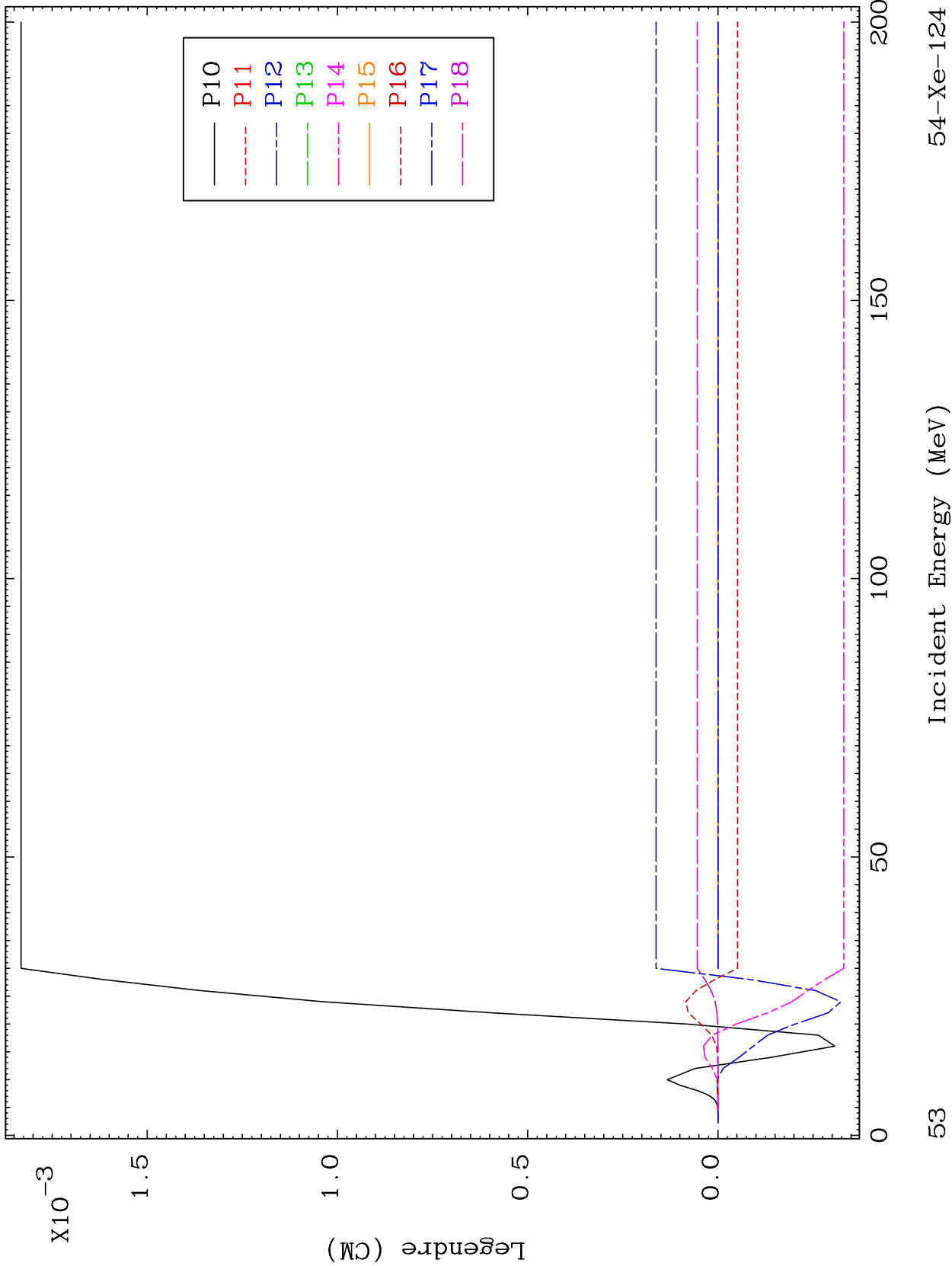




MAT 5425

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

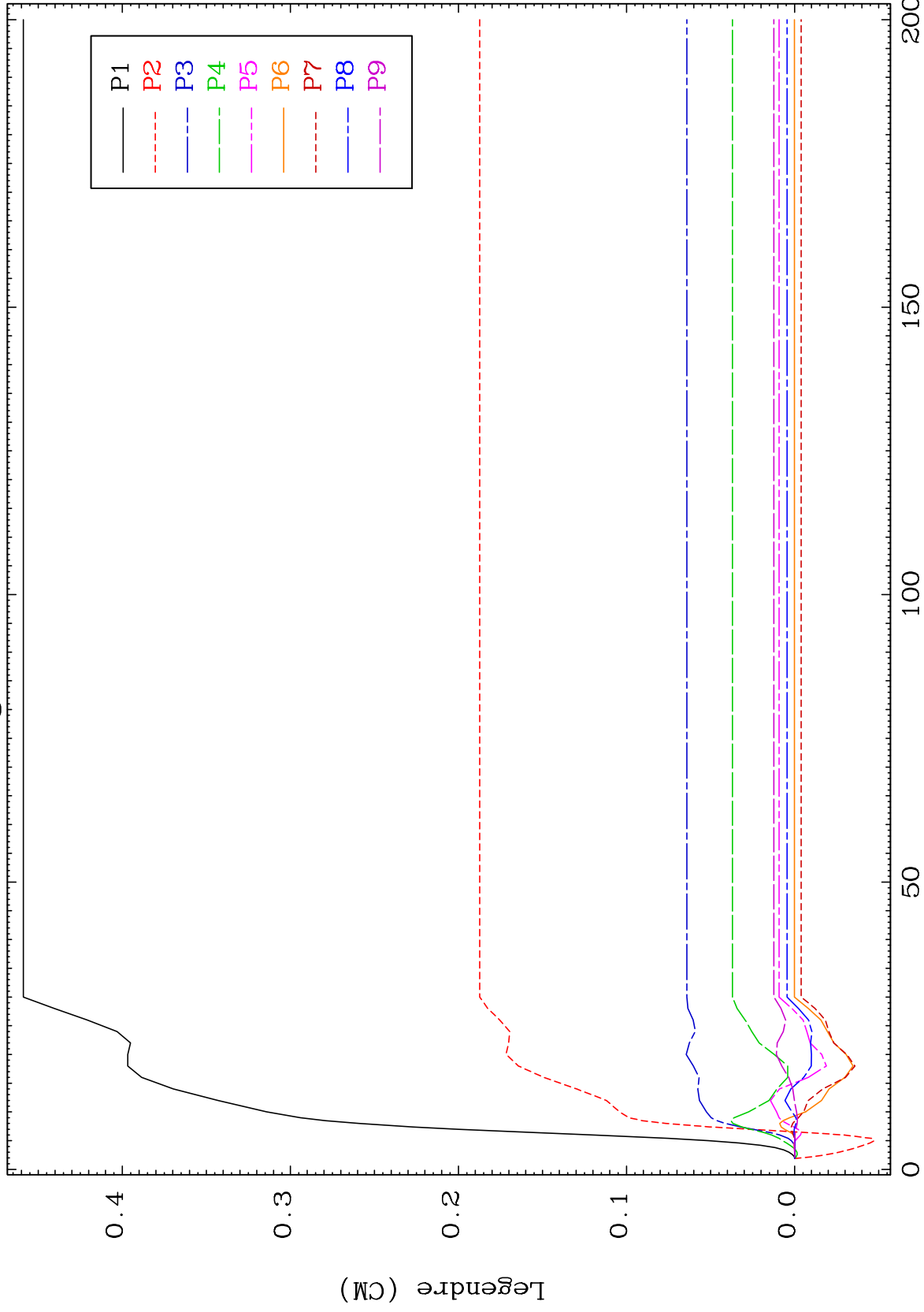
54-Xe-124



MAT 5425

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

54-Xe-124



54-Xe-124

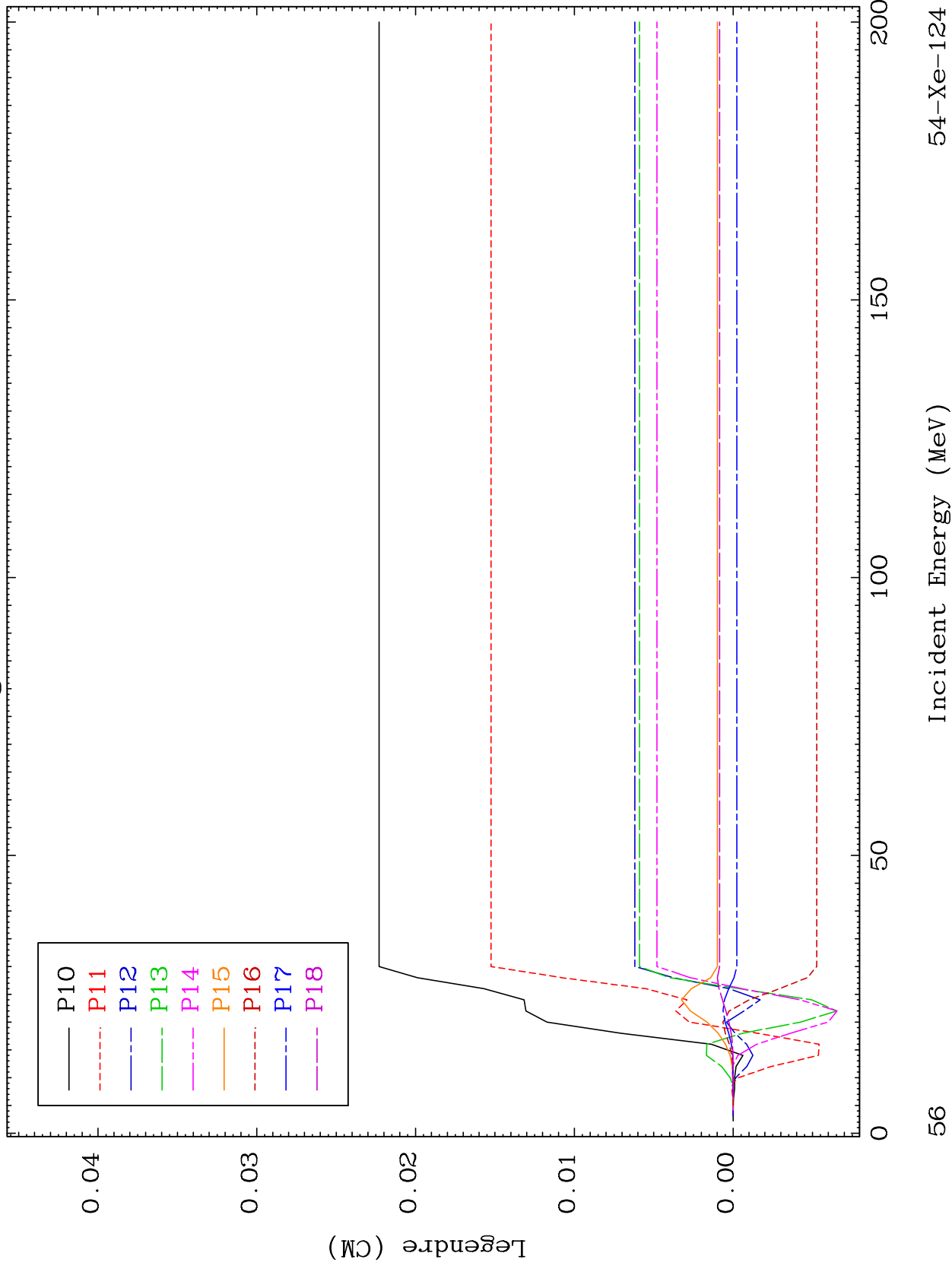
Incident Energy (MeV)

55

MAT 5425

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

54-Xe-124



54-Xe-124

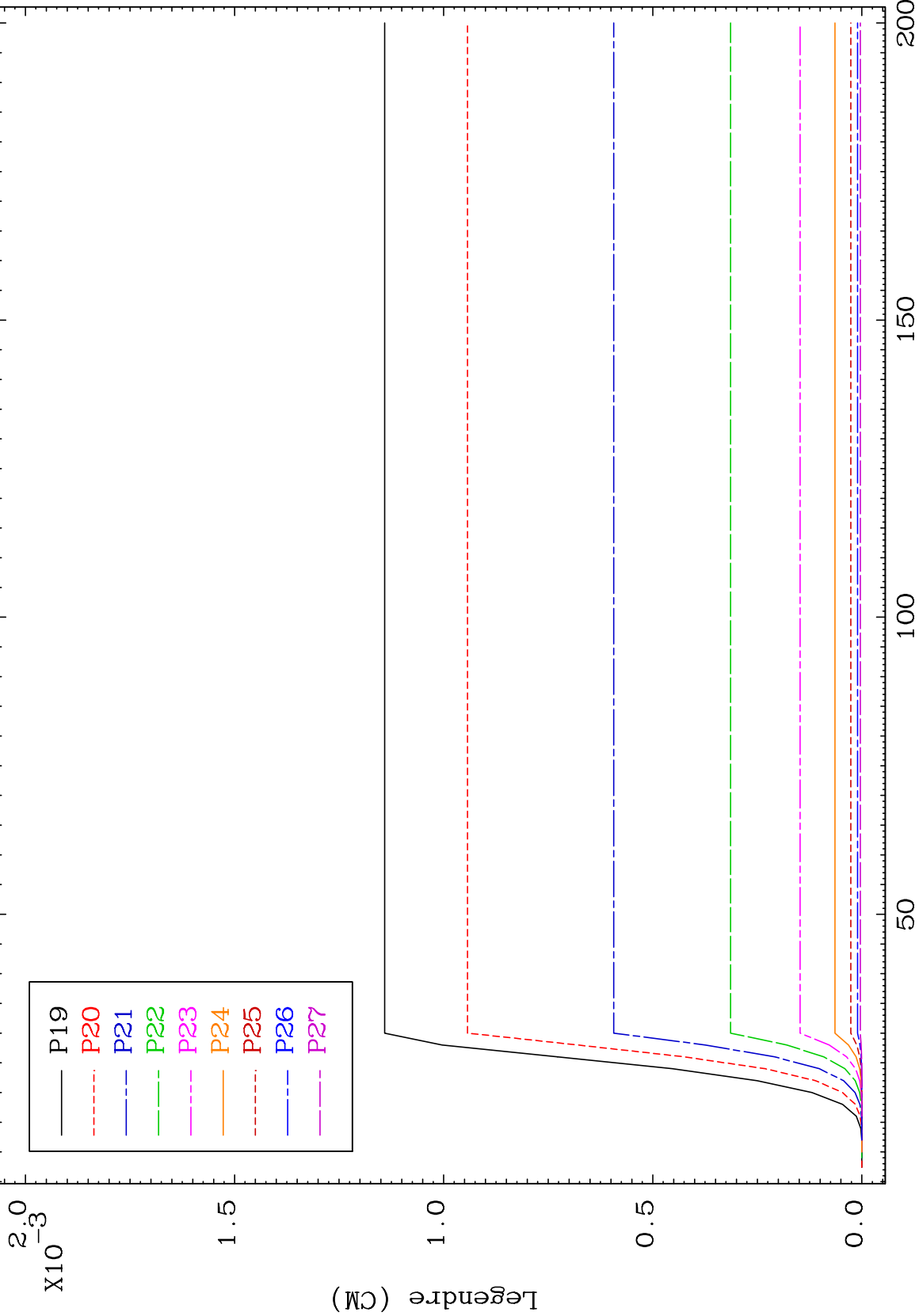
Incident Energy (MeV)

56

MAT 5425

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

54-Xe-124



57

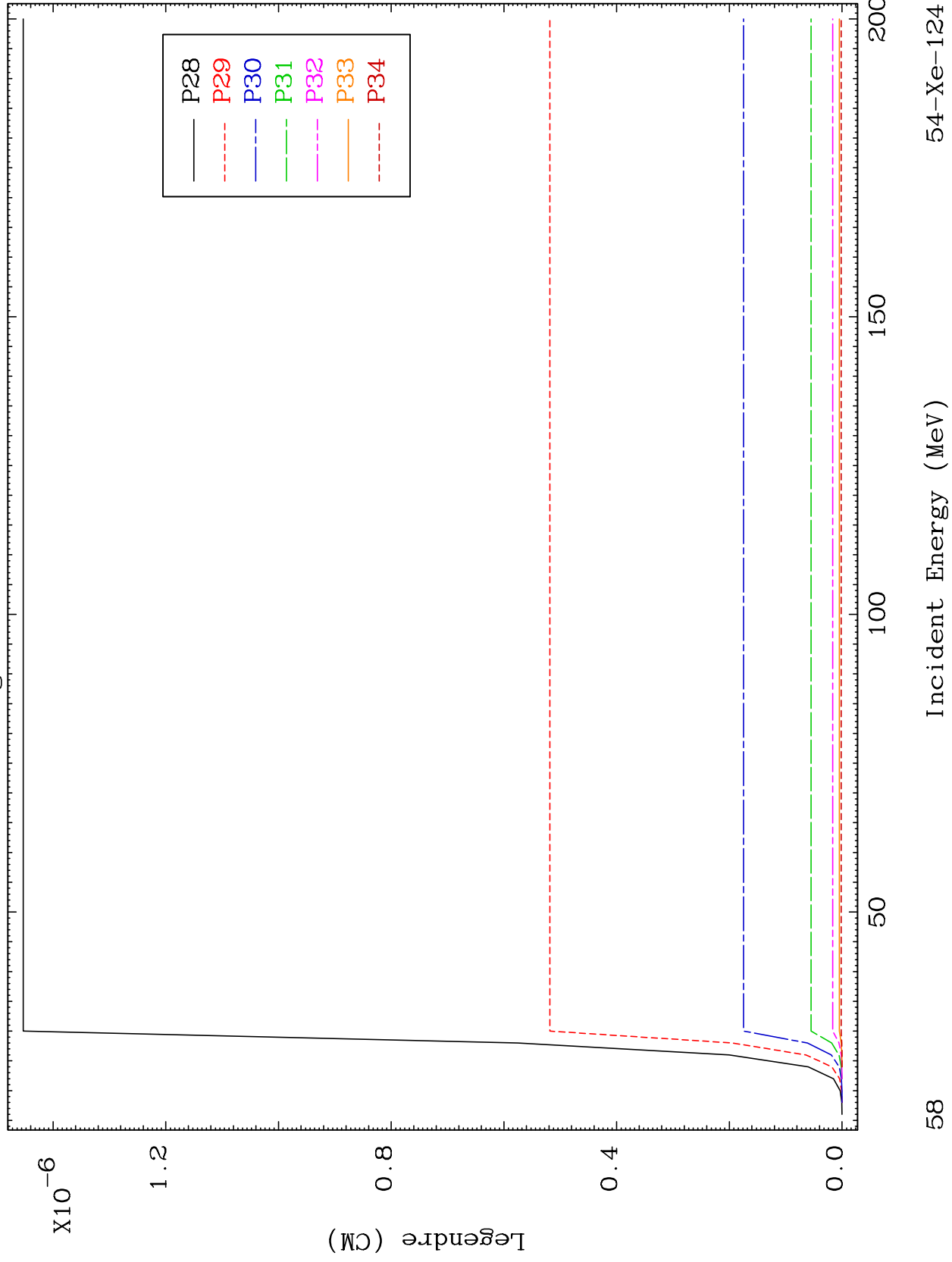
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



58

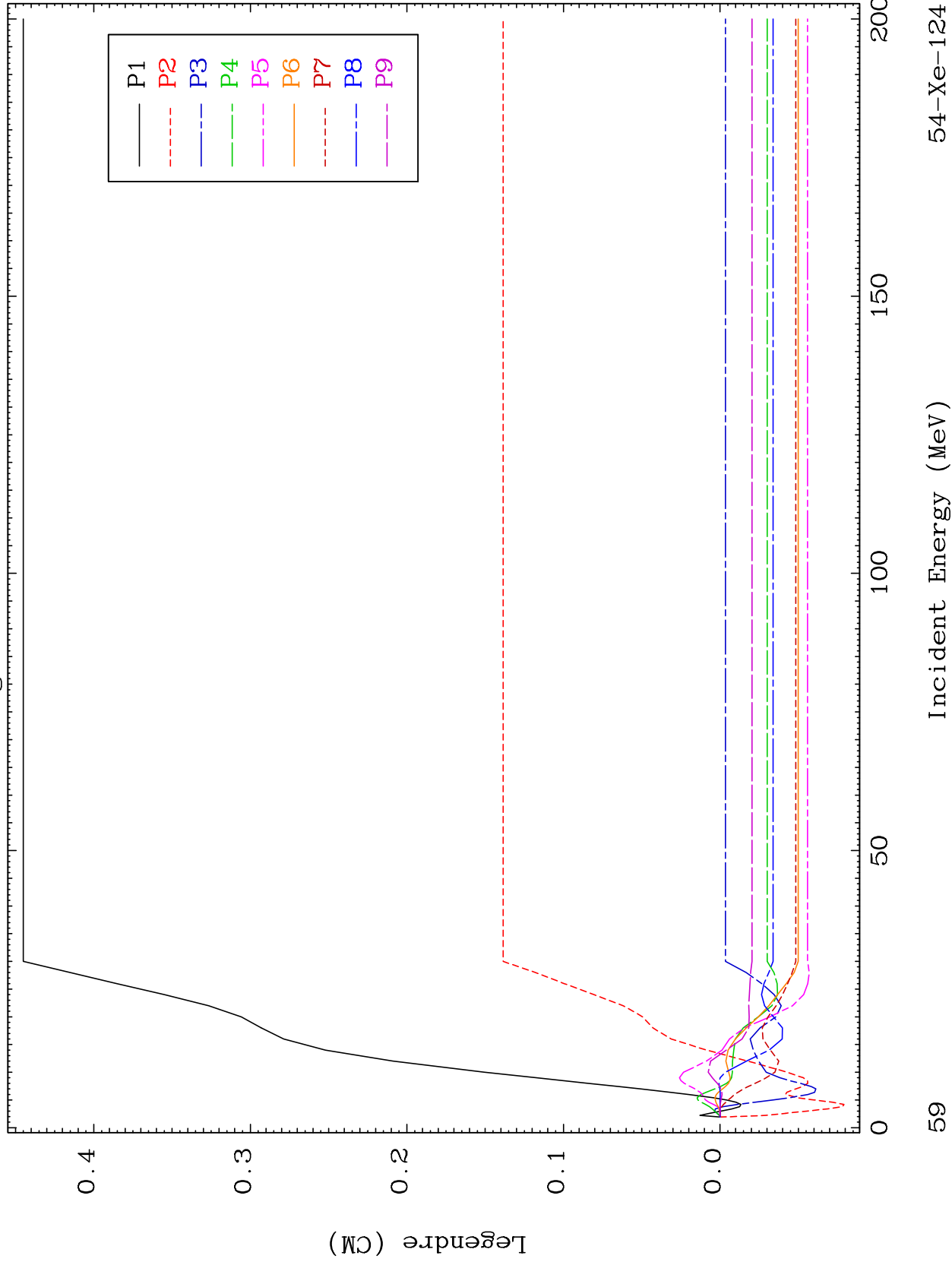
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

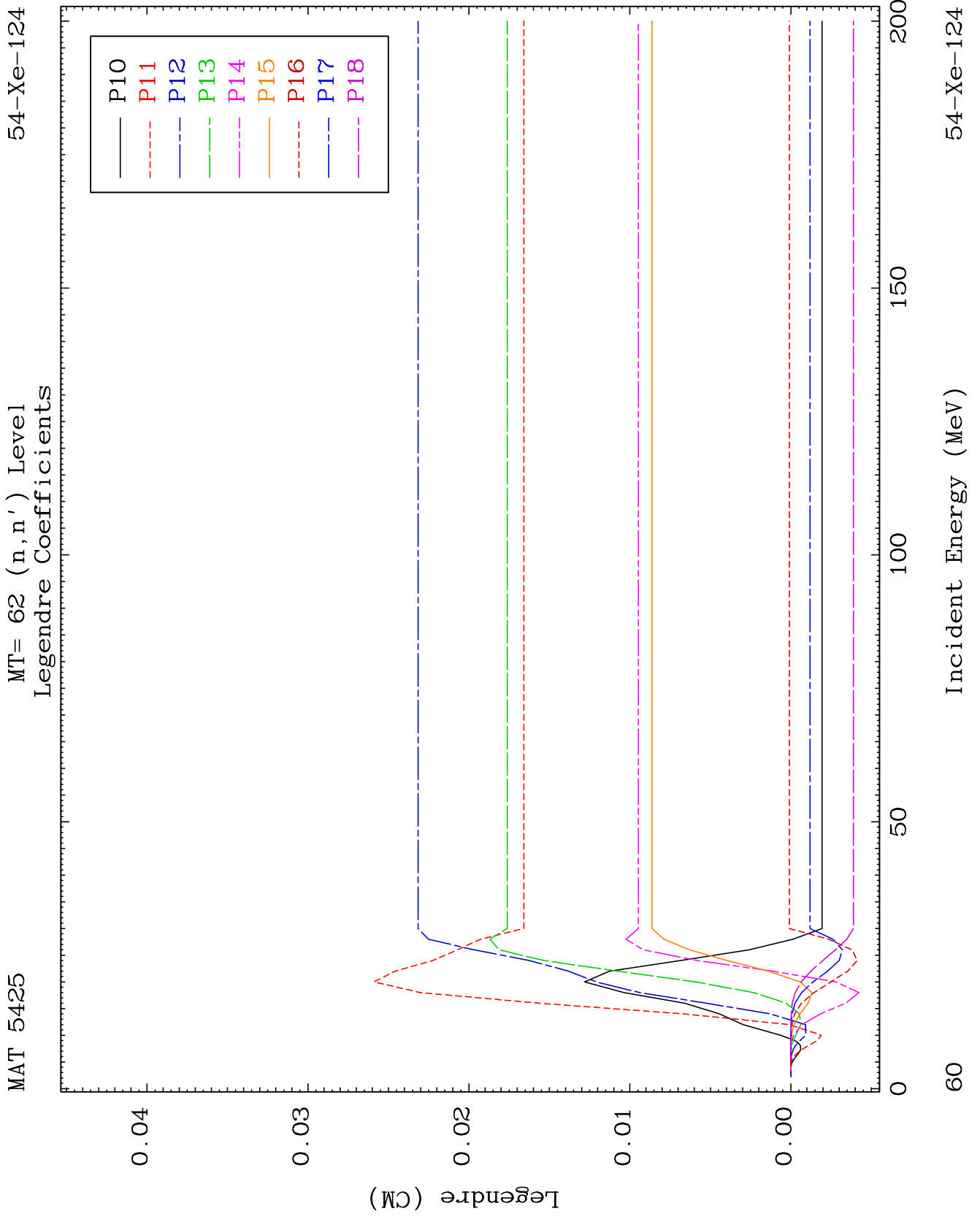
54-Xe-124



54-Xe-124

Incident Energy (MeV)

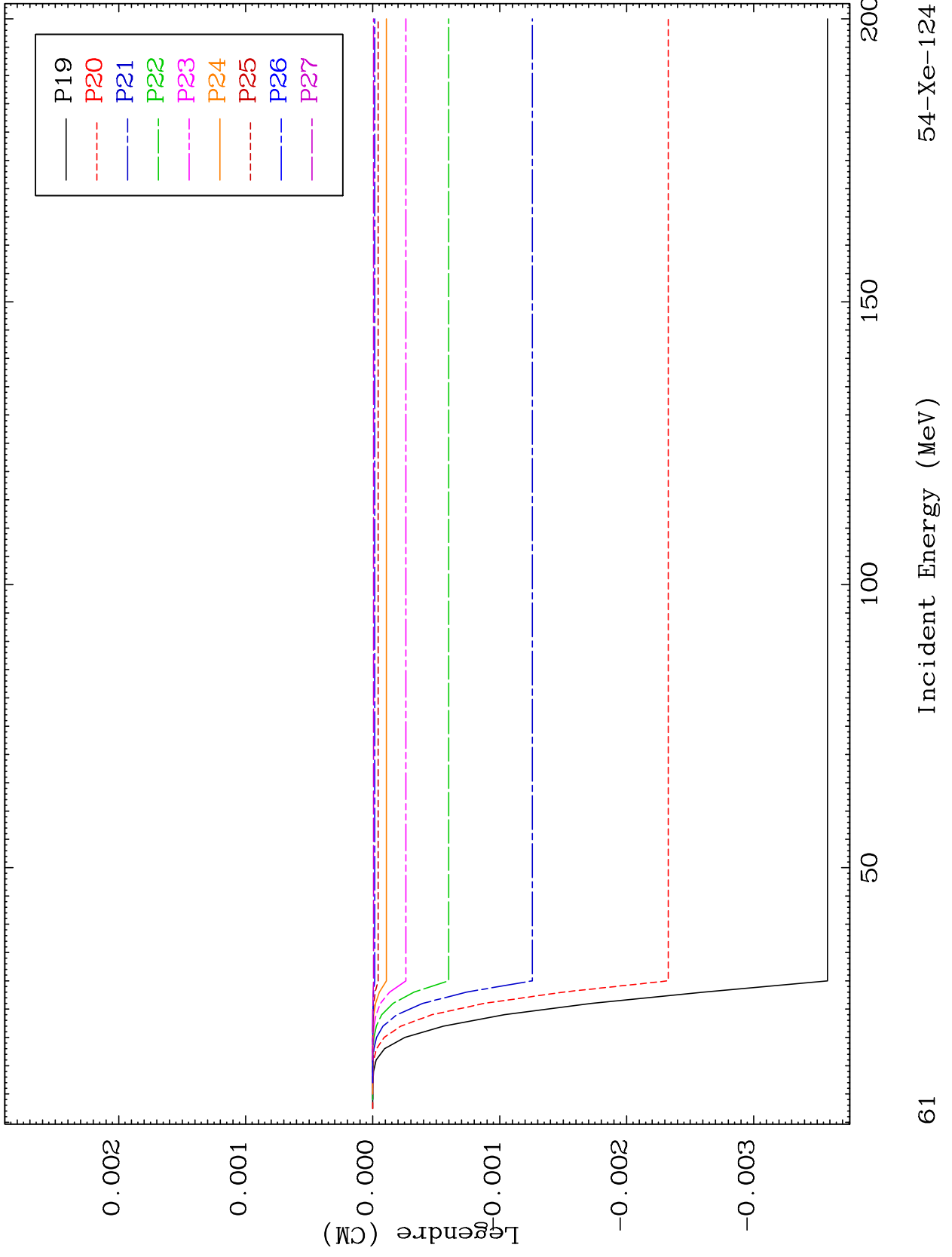
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MAT 5425

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

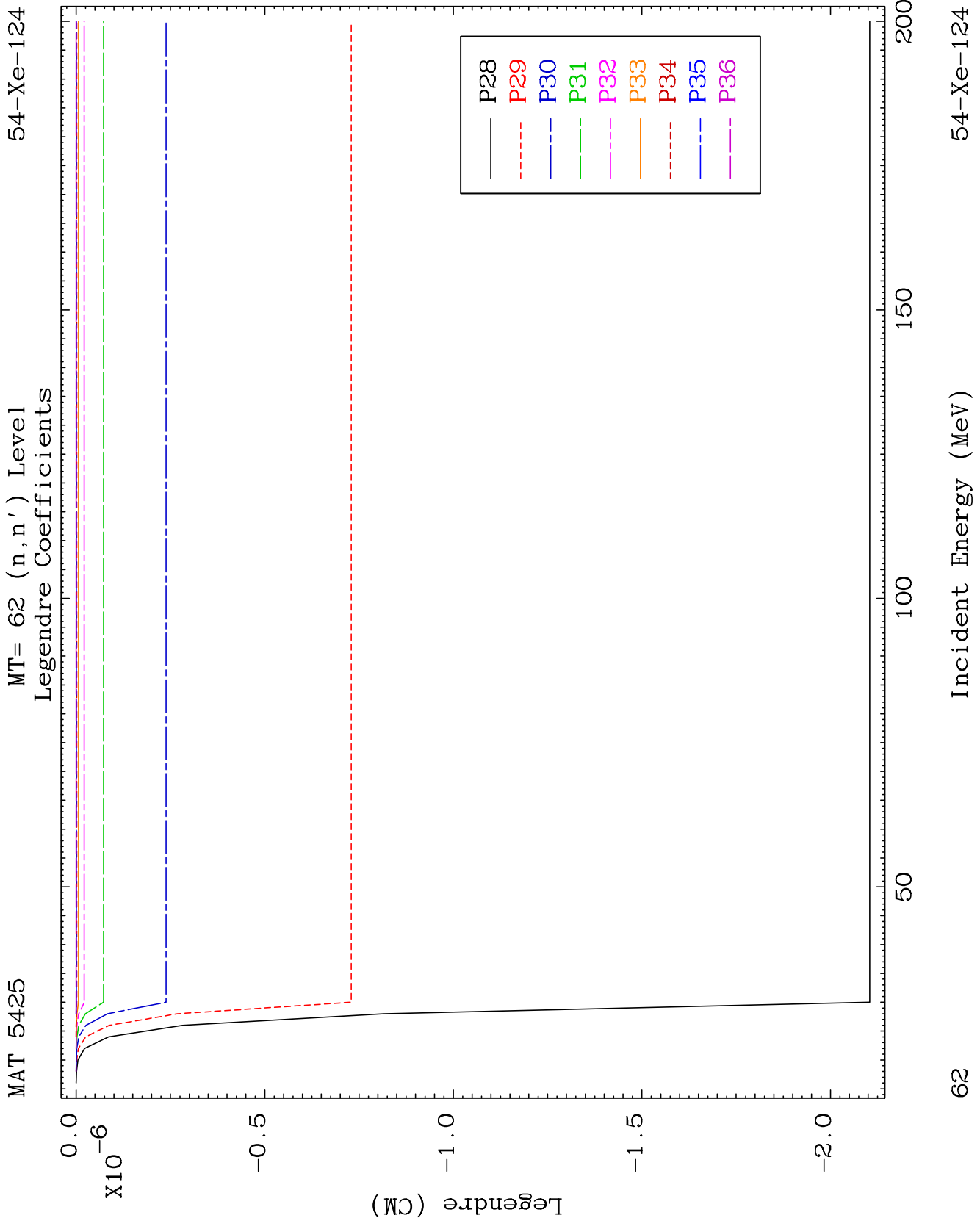
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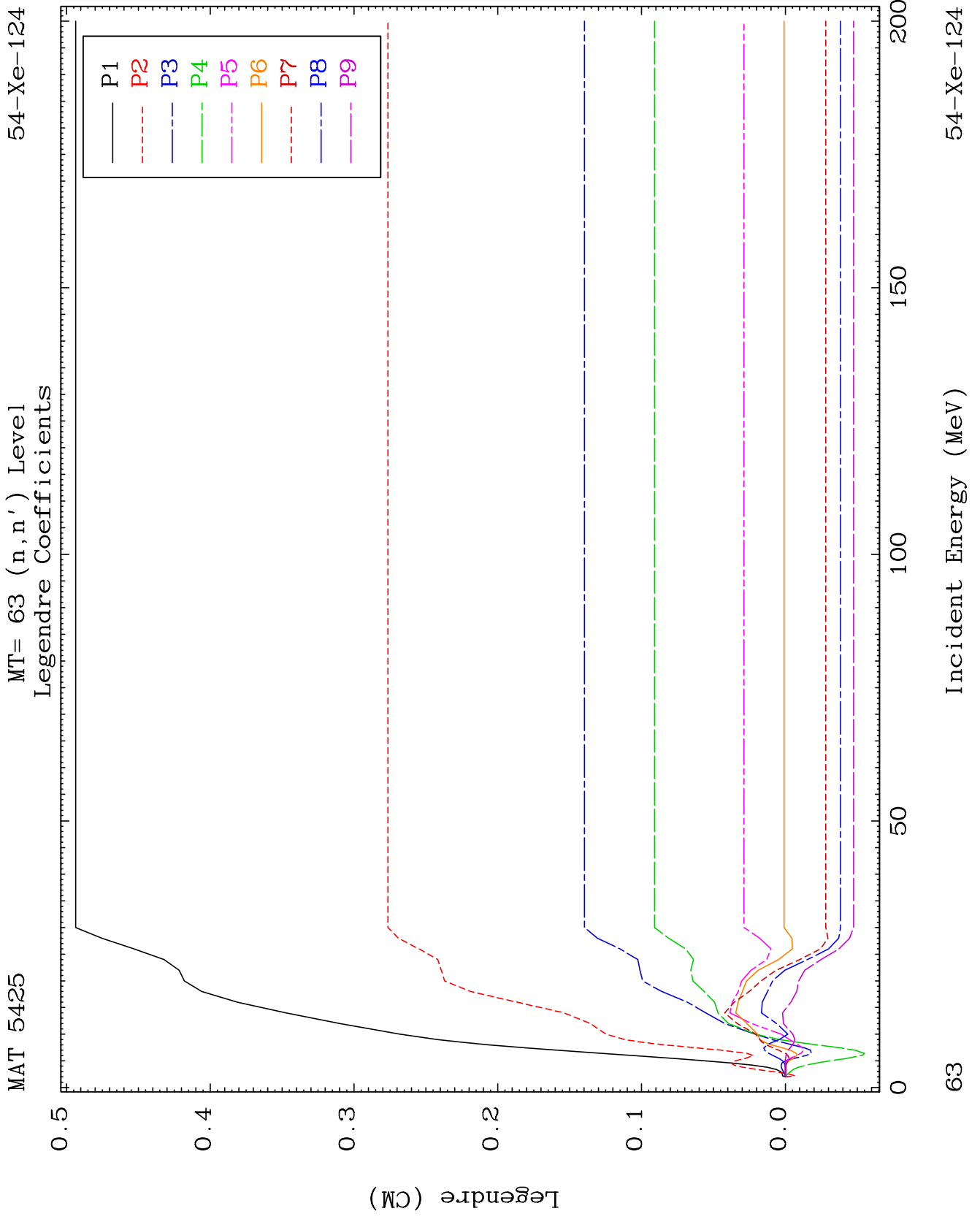


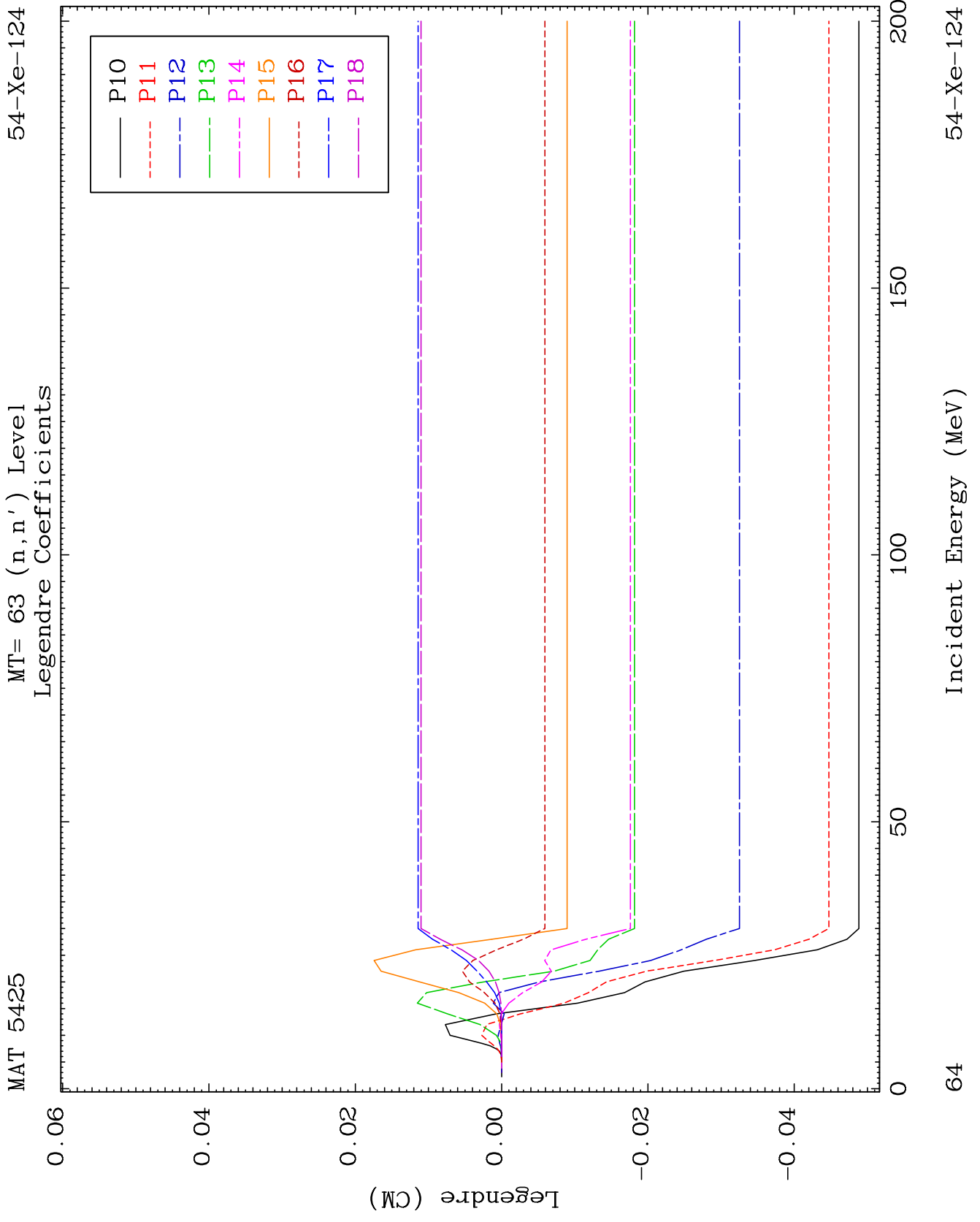
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Incident Energy (MeV)

54-Xe-124



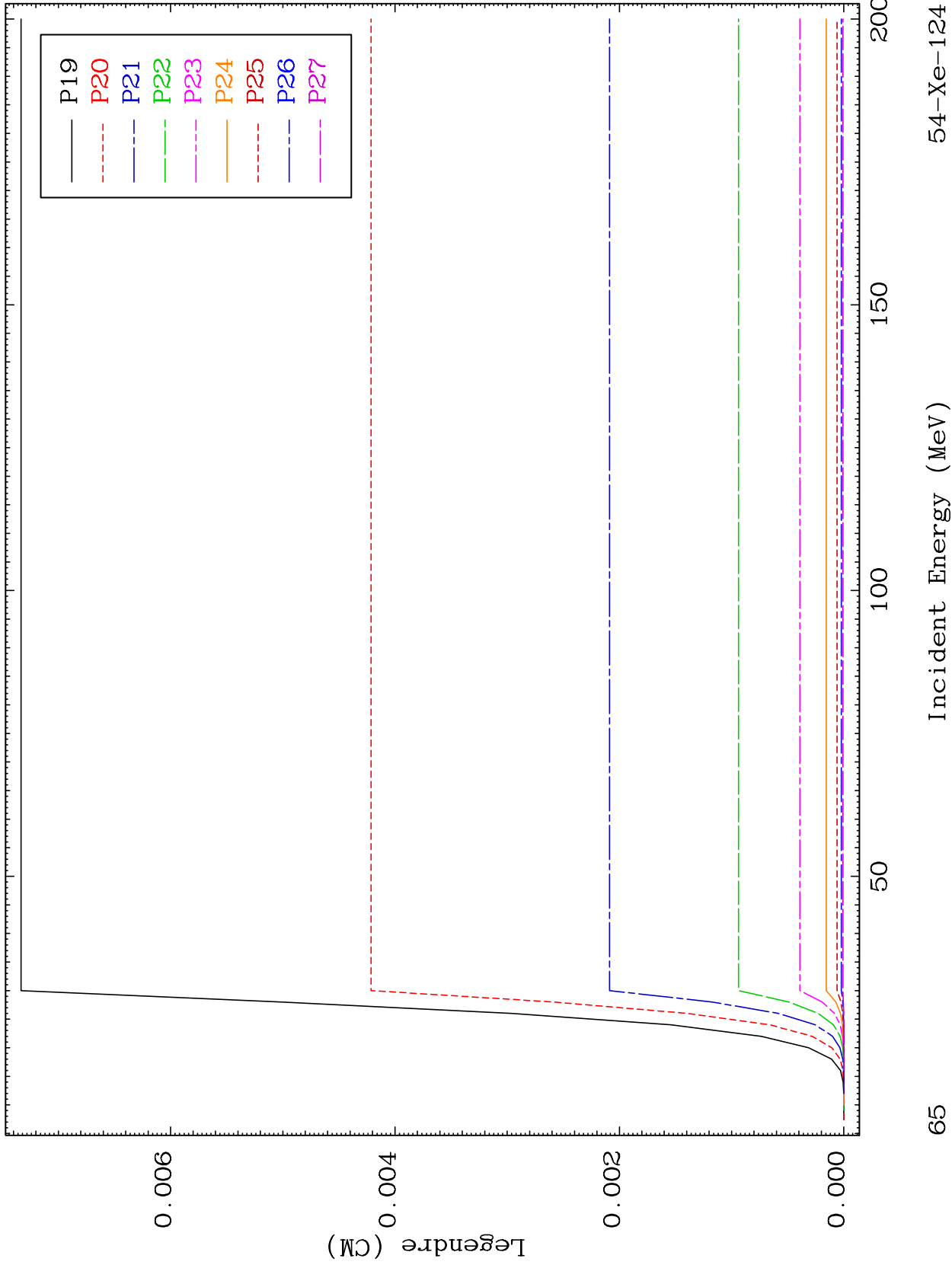




MAT 5425

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

54-Xe-124



65

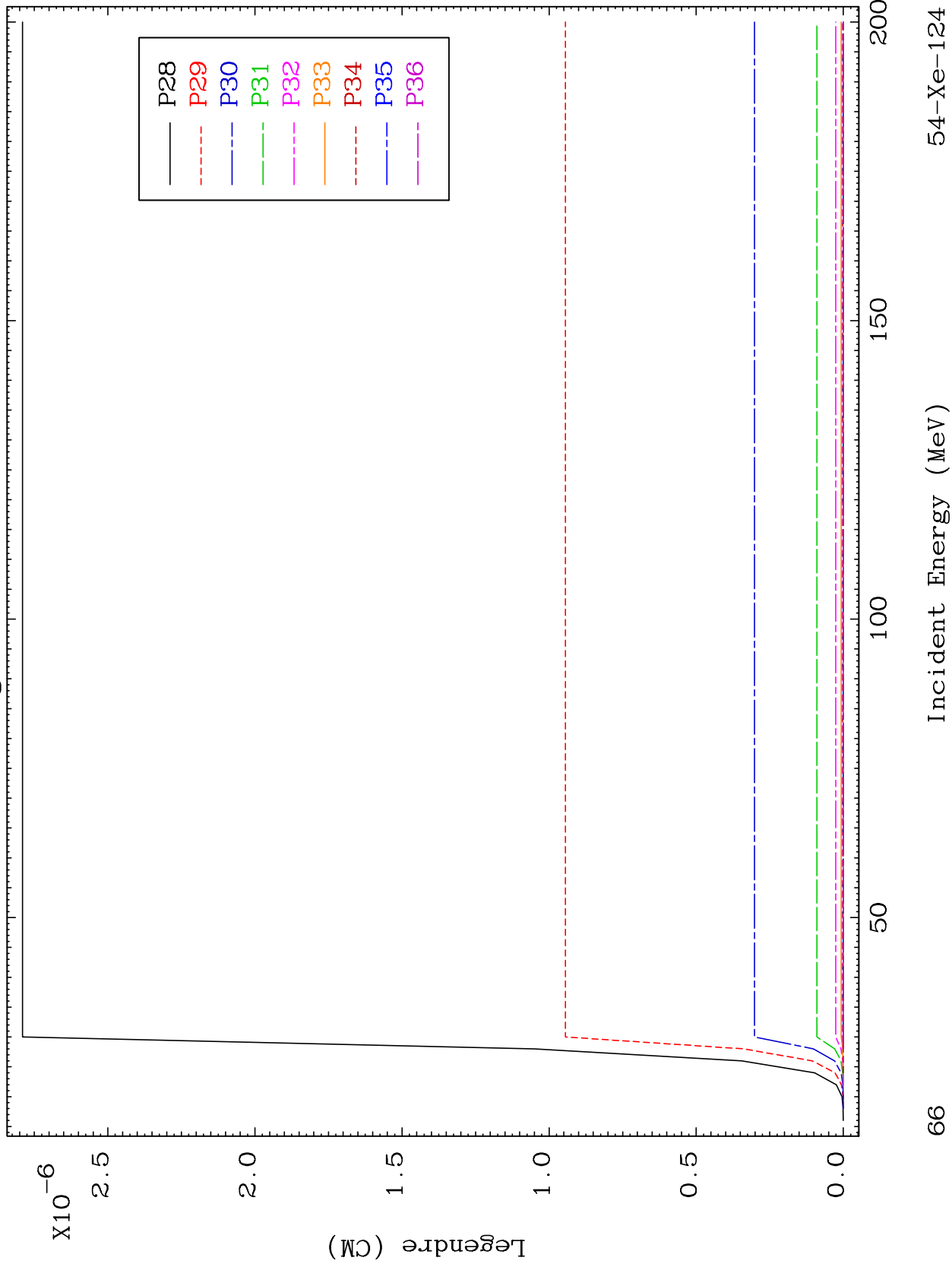
Incident Energy (MeV)

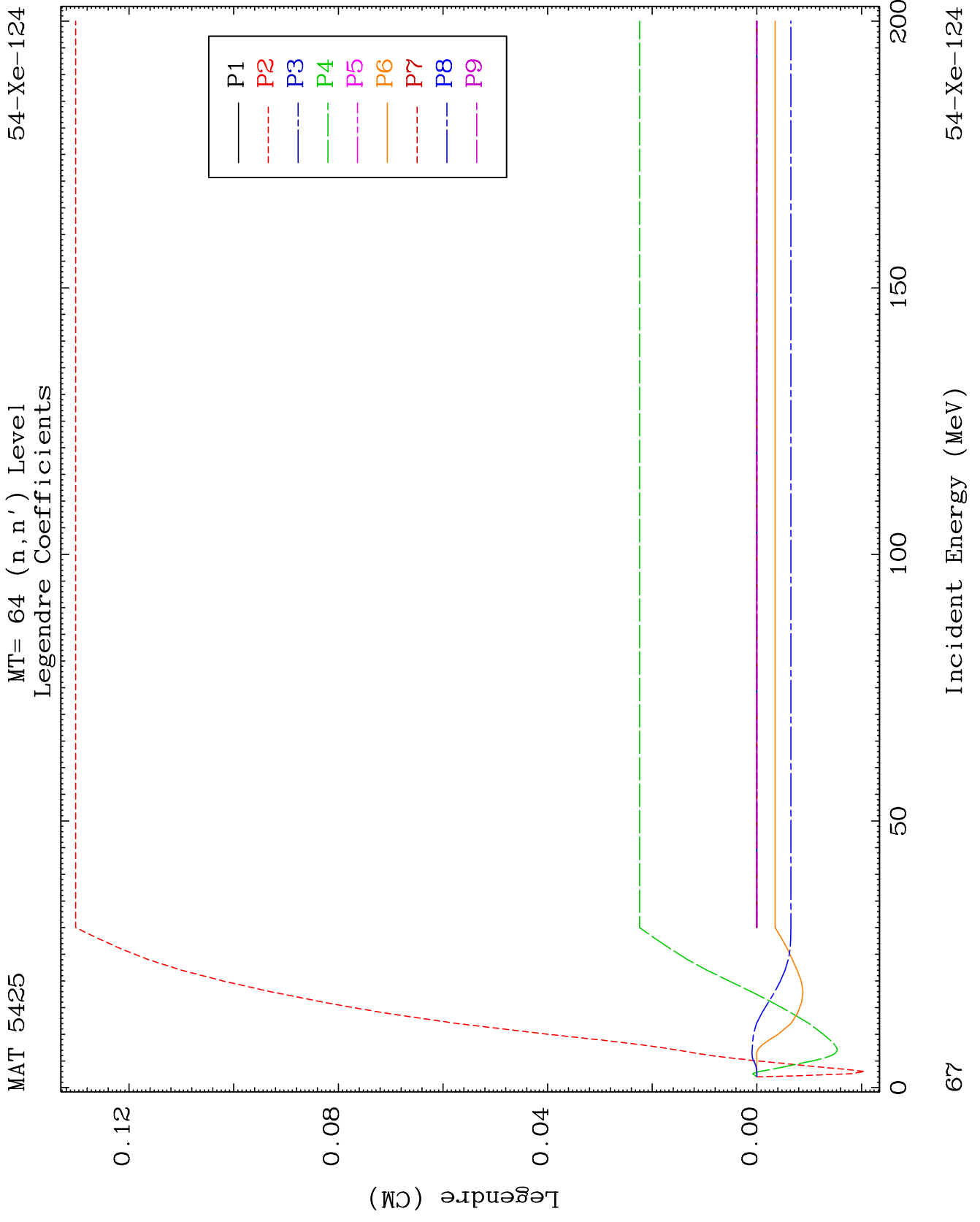
54-Xe-124

MAT 5425

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

54-Xe-124

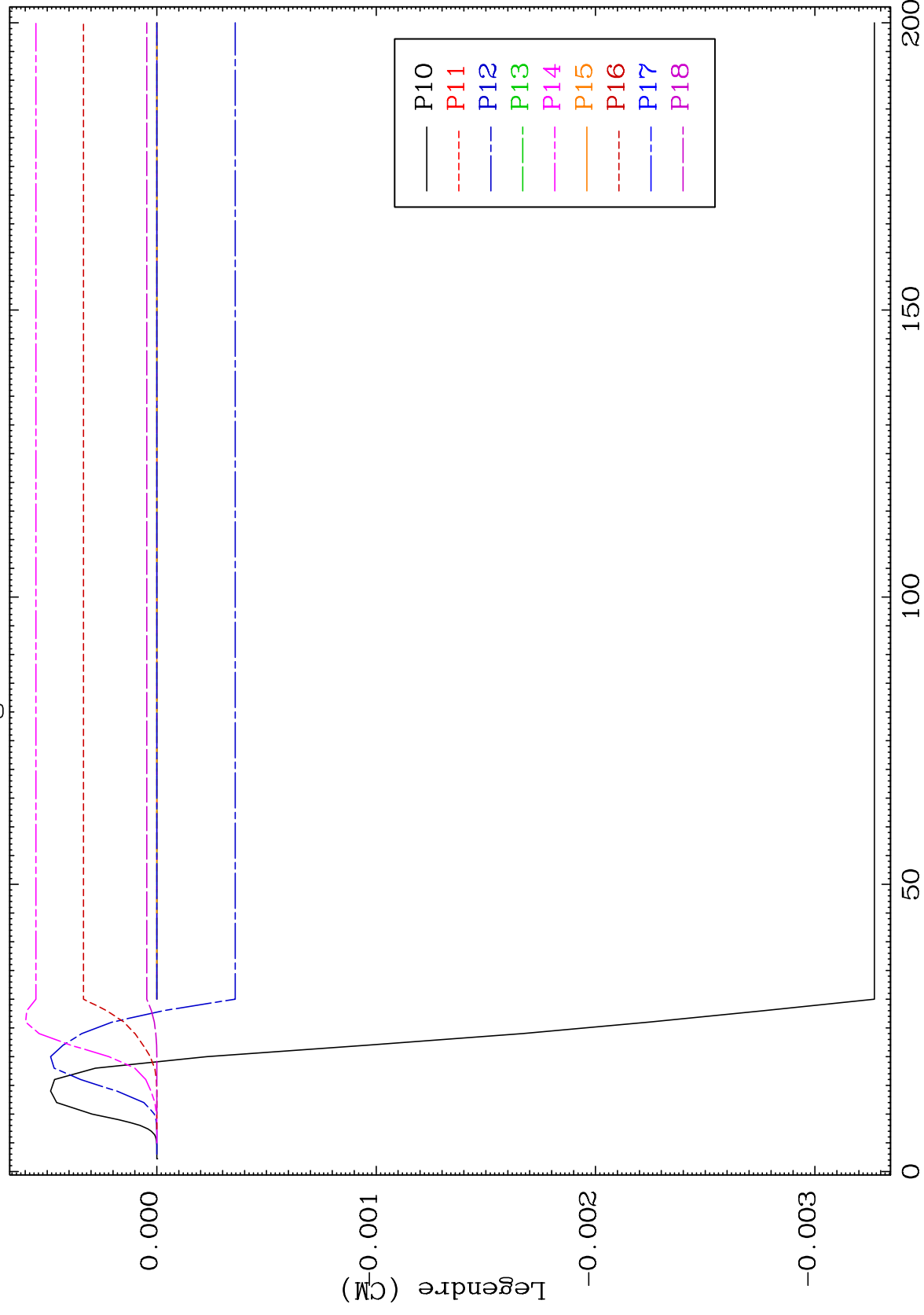




MAT 5425

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

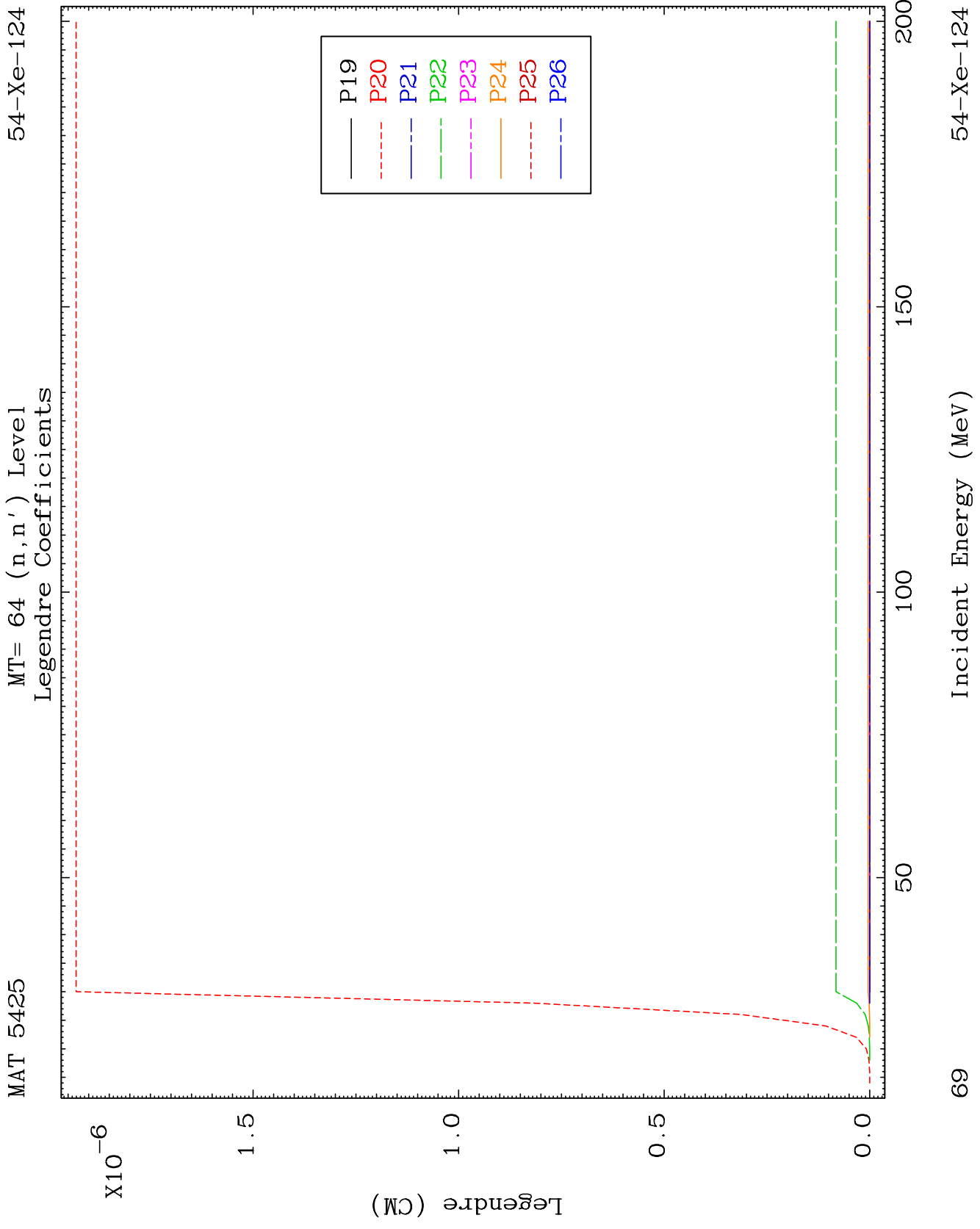
54-Xe-124



68

Incident Energy (MeV)

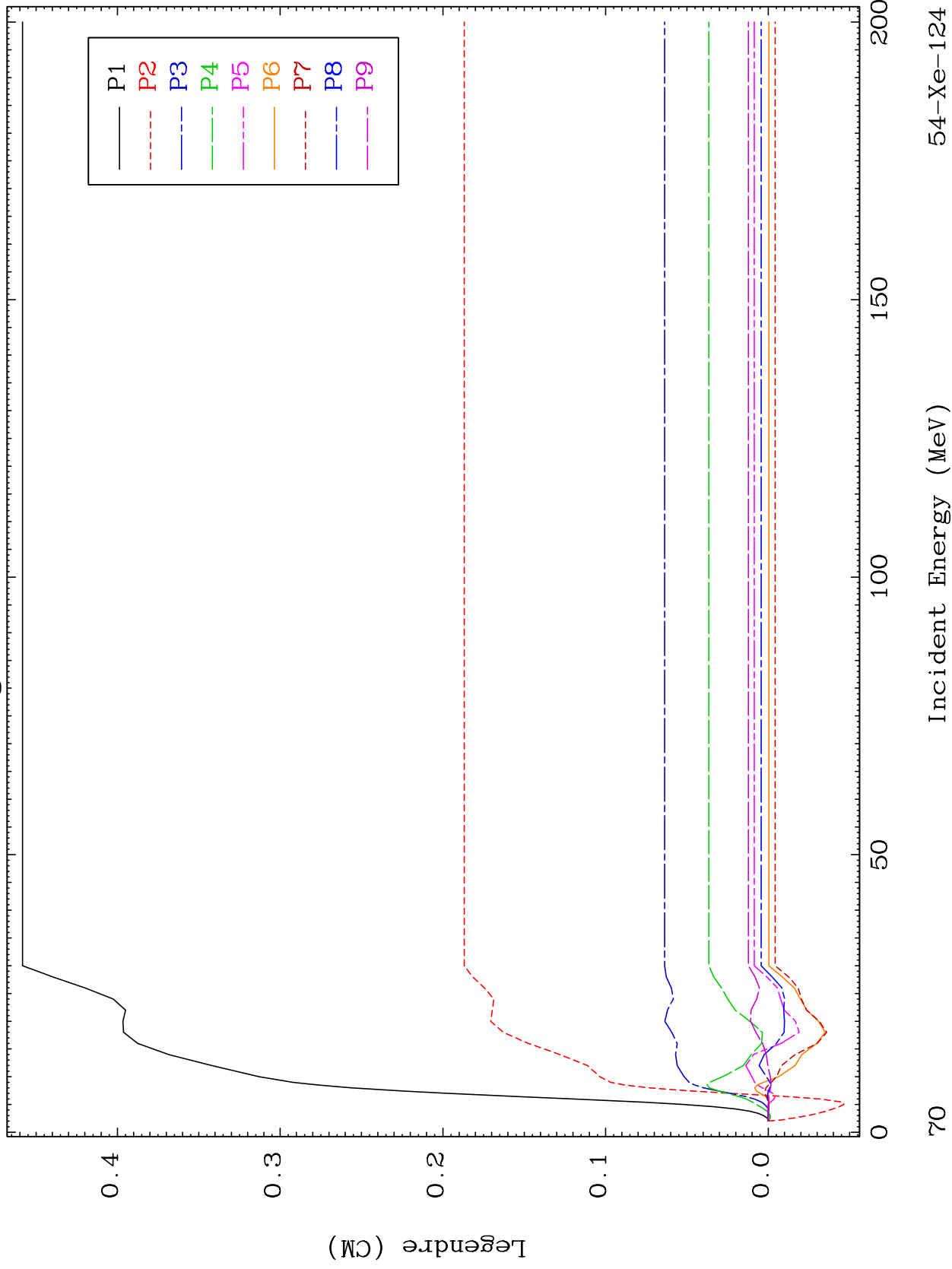
54-Xe-124



MAT 5425

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

54-Xe-124



54-Xe-124

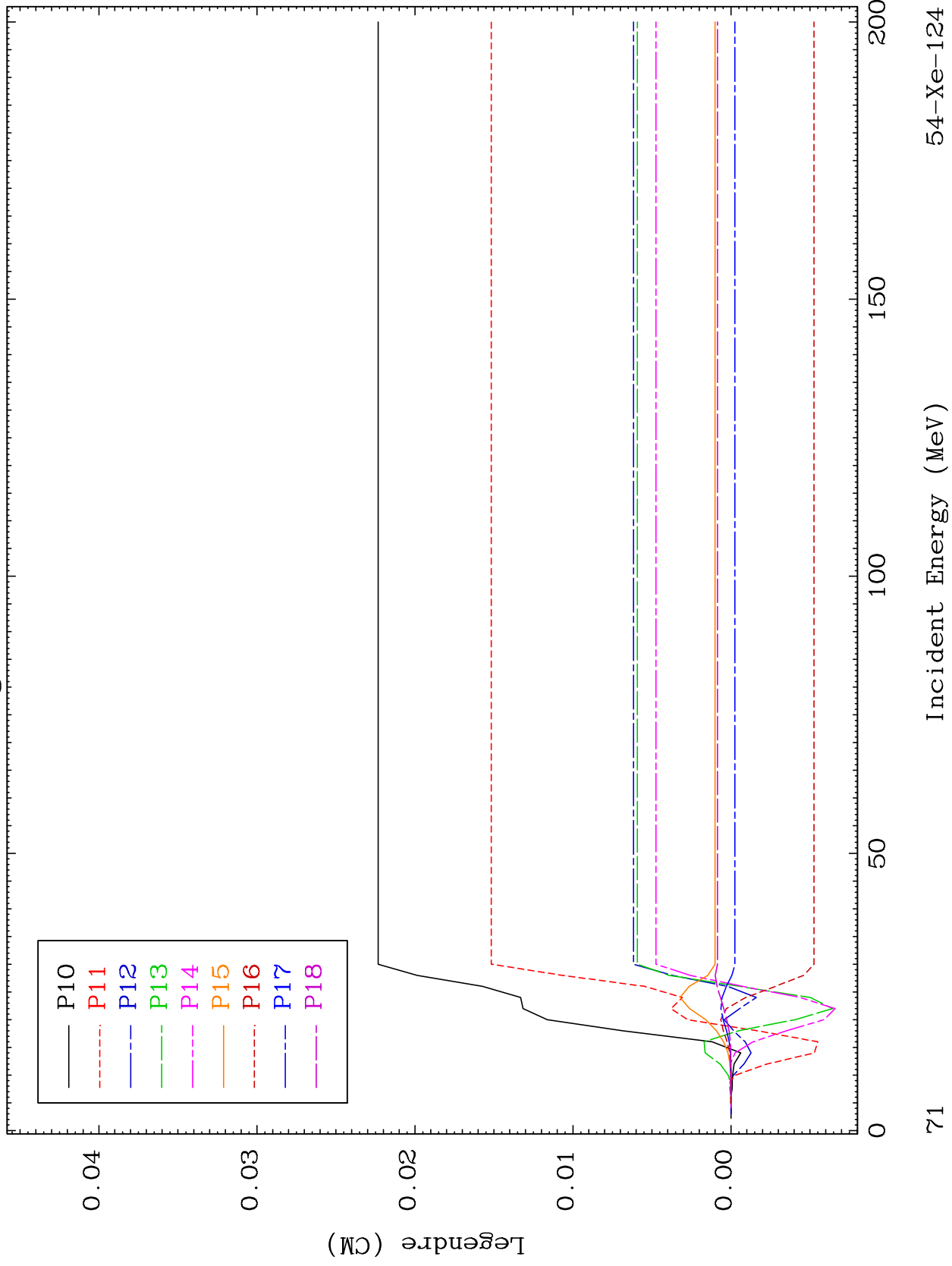
Incident Energy (MeV)

70

MAT 5425

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

54-Xe-124



71

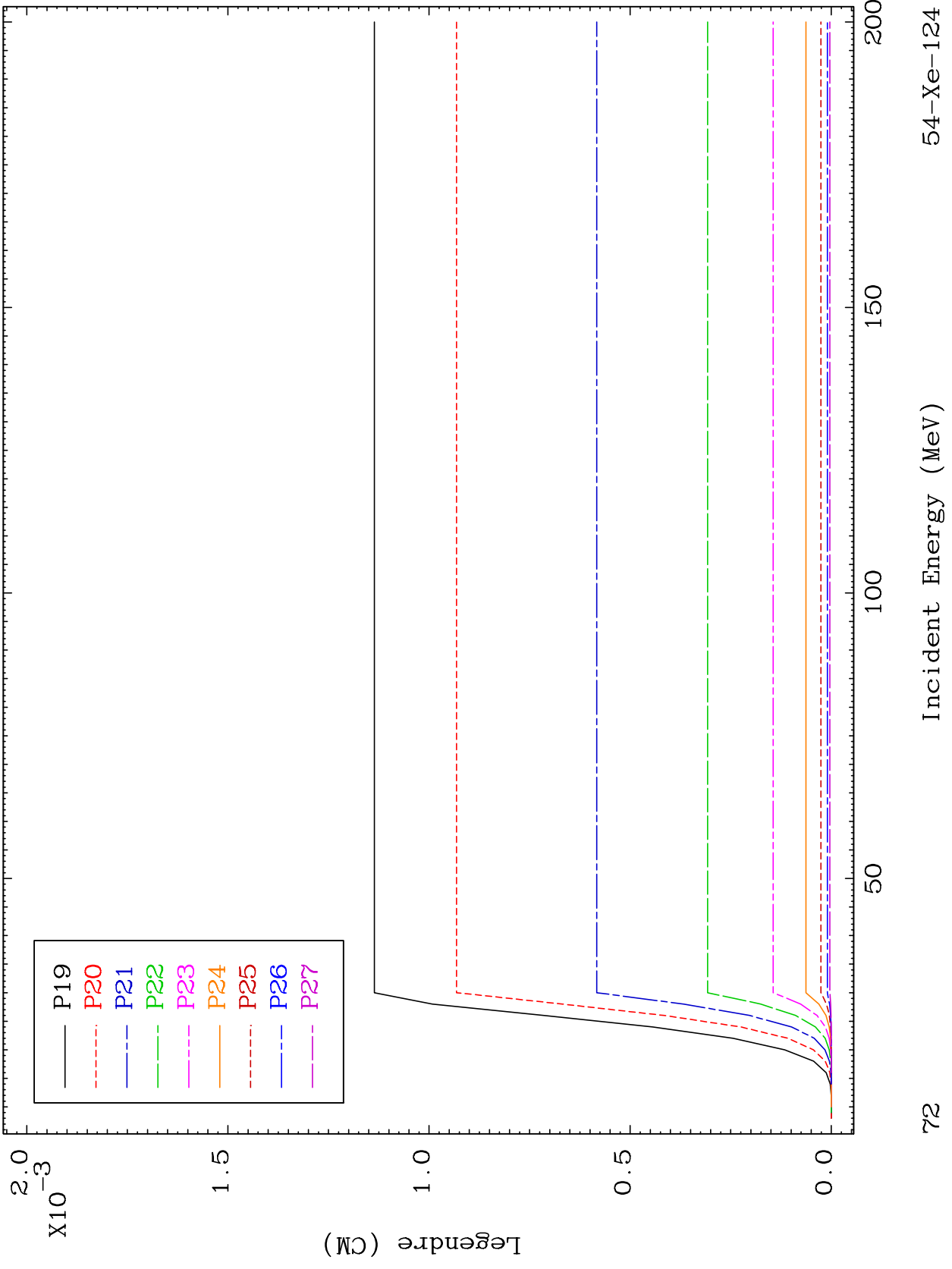
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



72

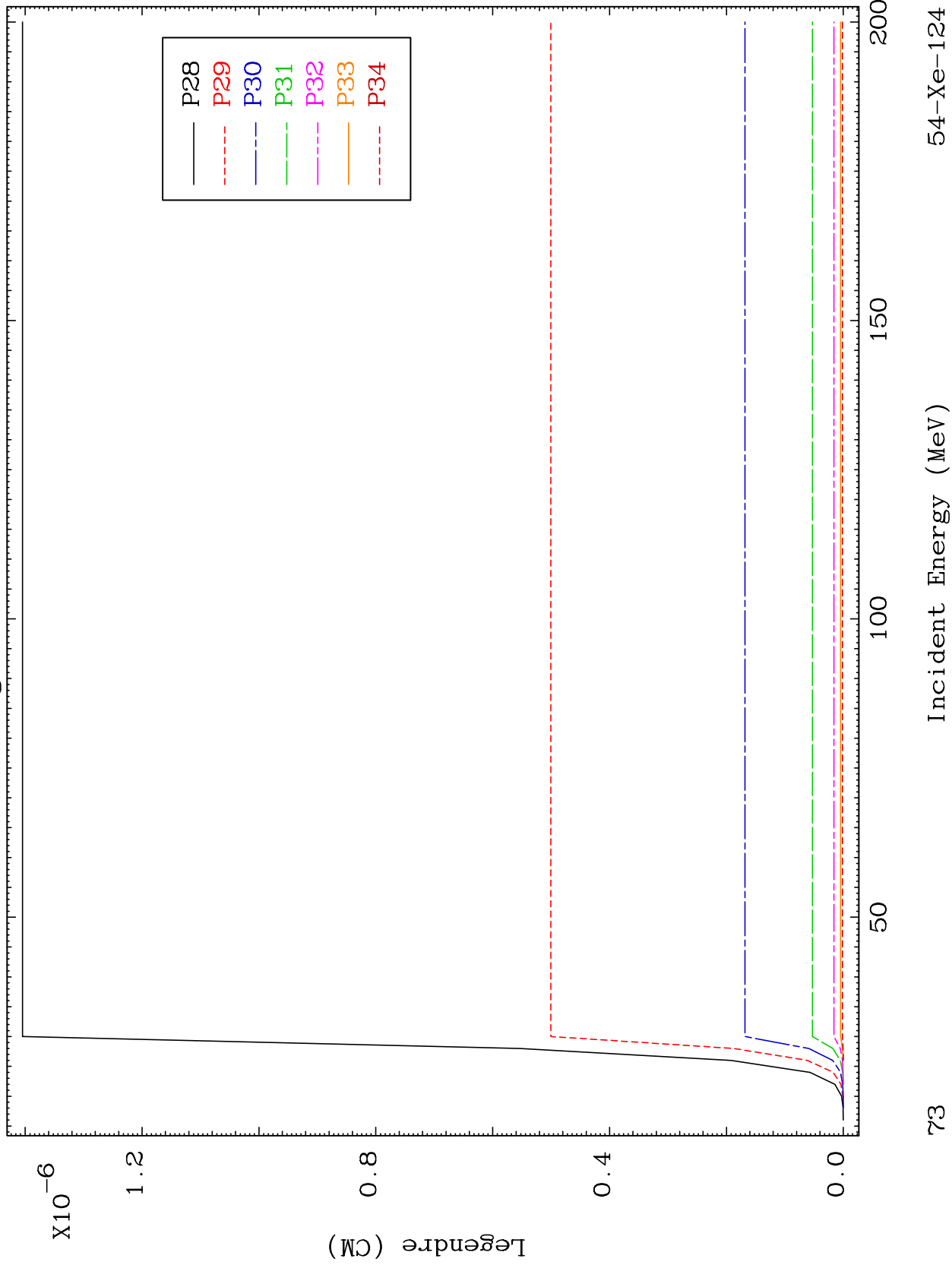
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

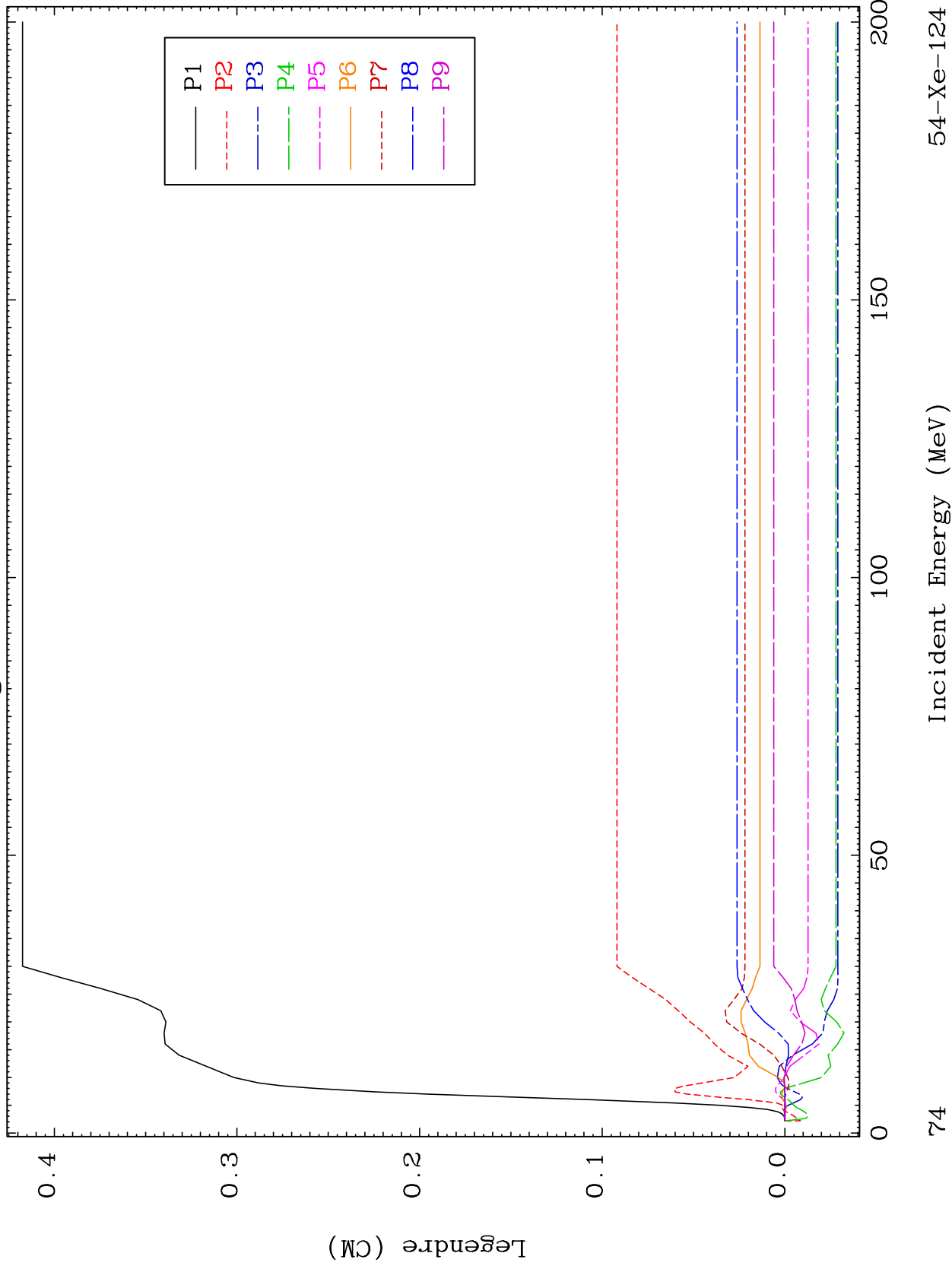
54-Xe-124



MAT 5425

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

54-Xe-124



74

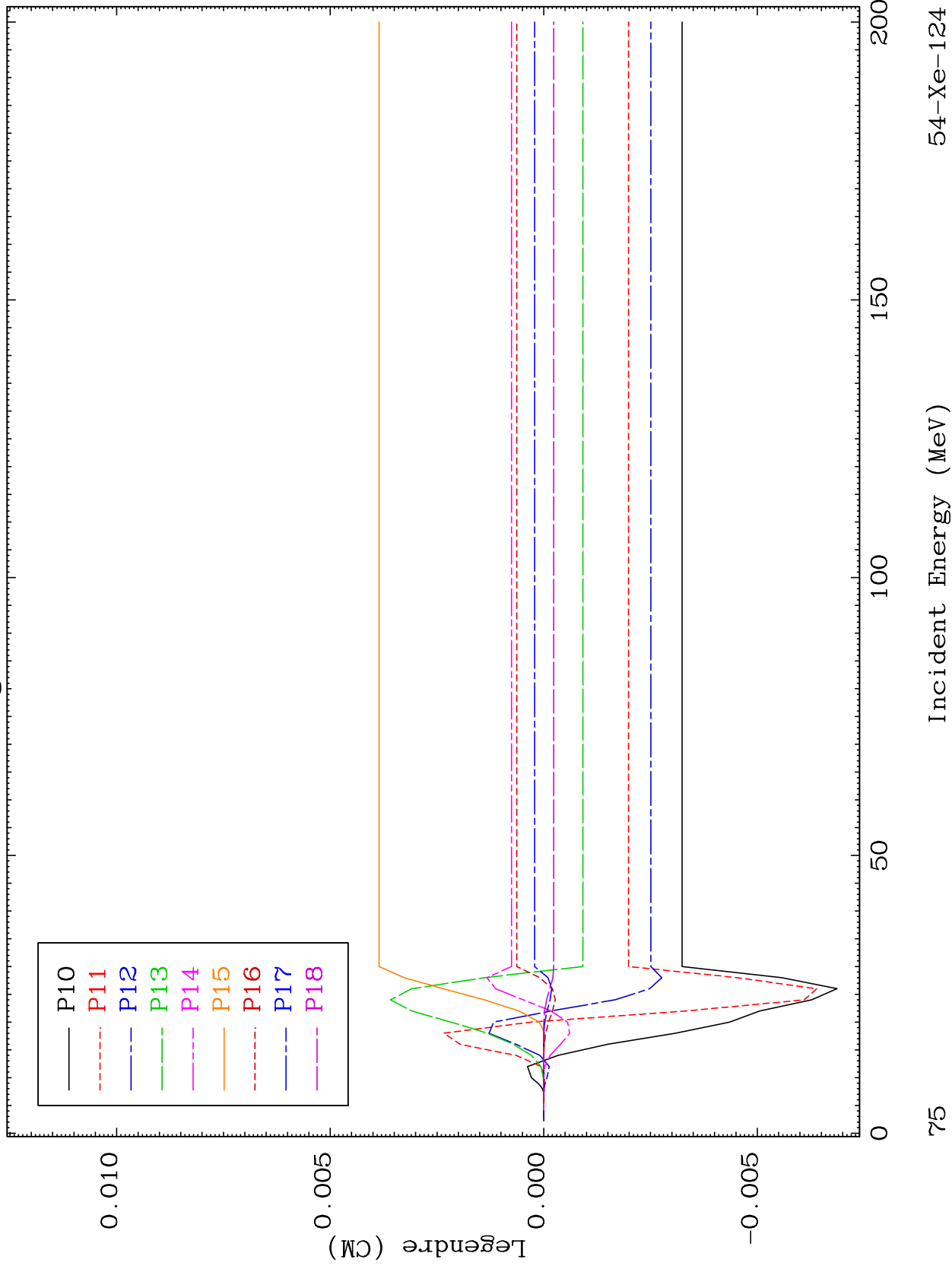
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



75

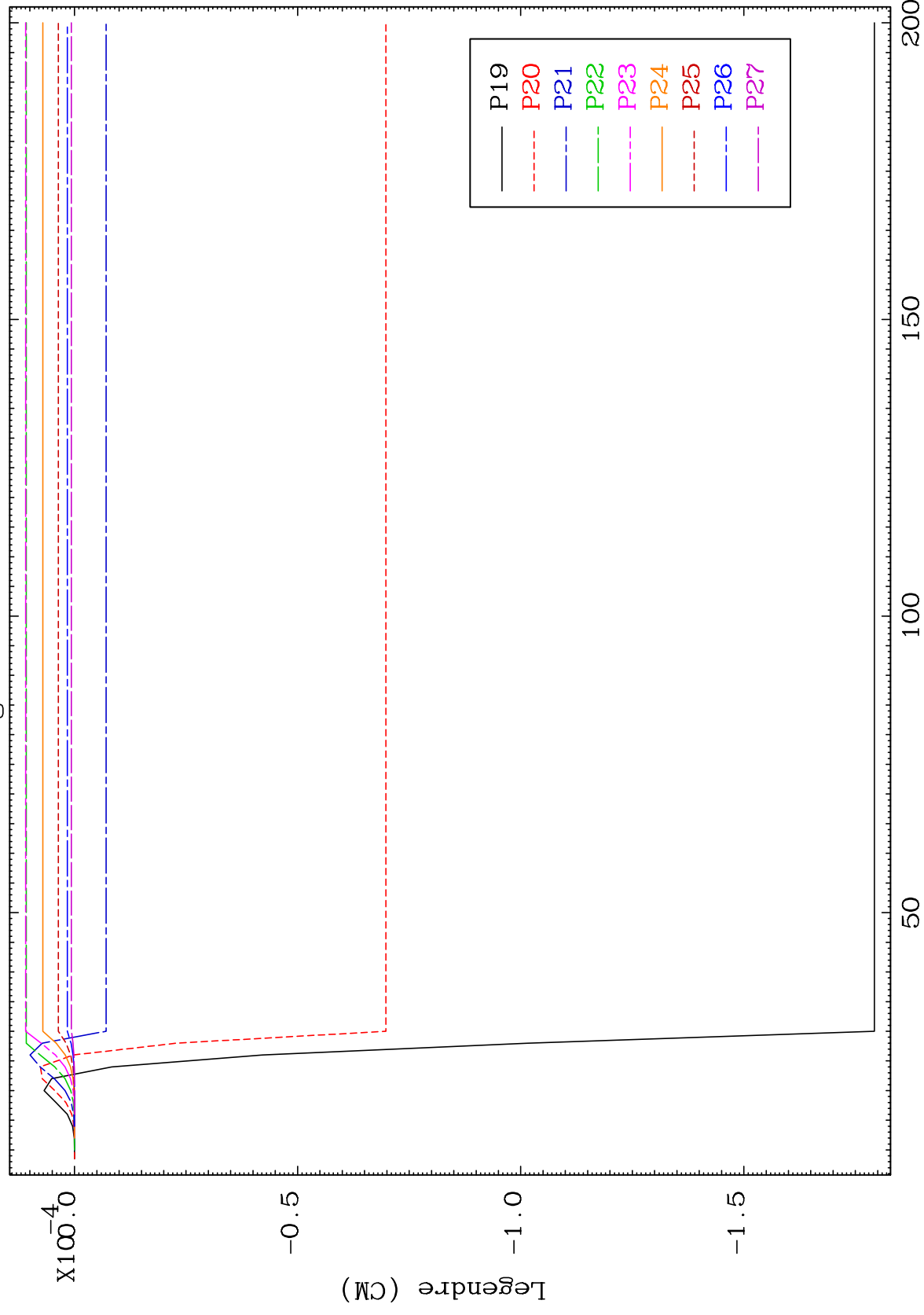
Incident Energy (MeV)

54-Xe-124

MAT 5425

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

54-Xe-124



76

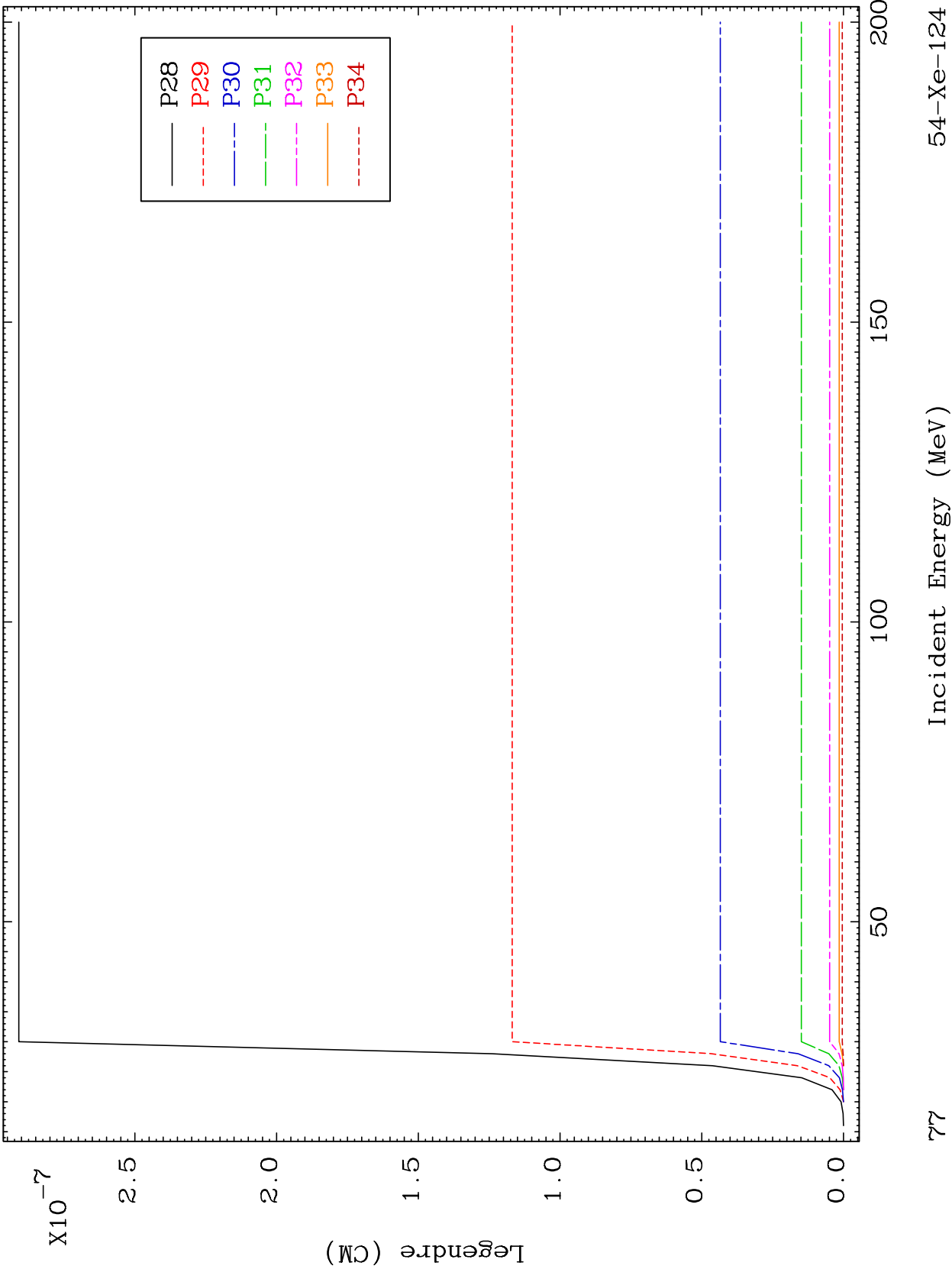
Incident Energy (MeV)

54-Xe-124

MAT 5425

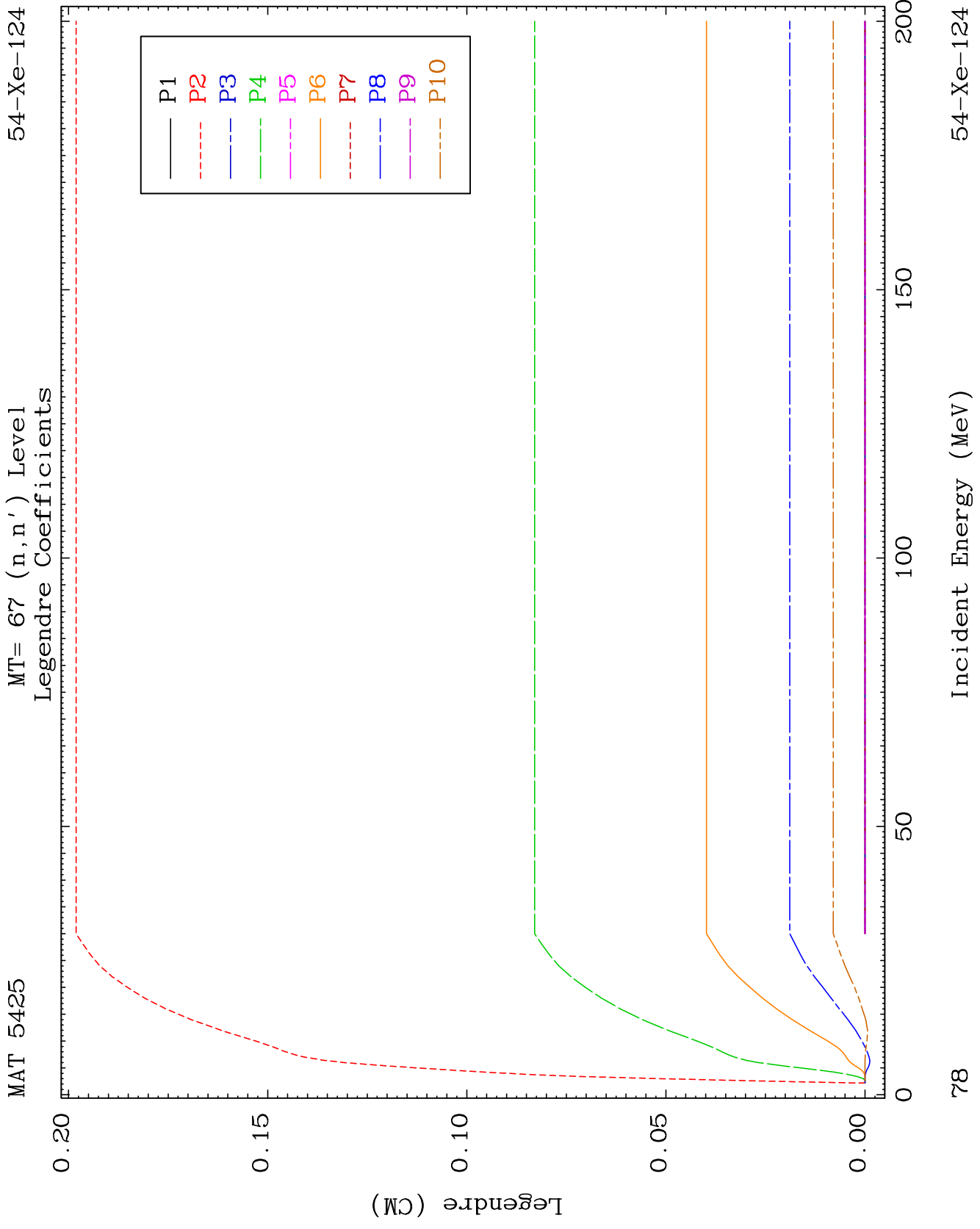
MT= 66 (n,n') Level
Legendre Coefficients

54-Xe-124



77

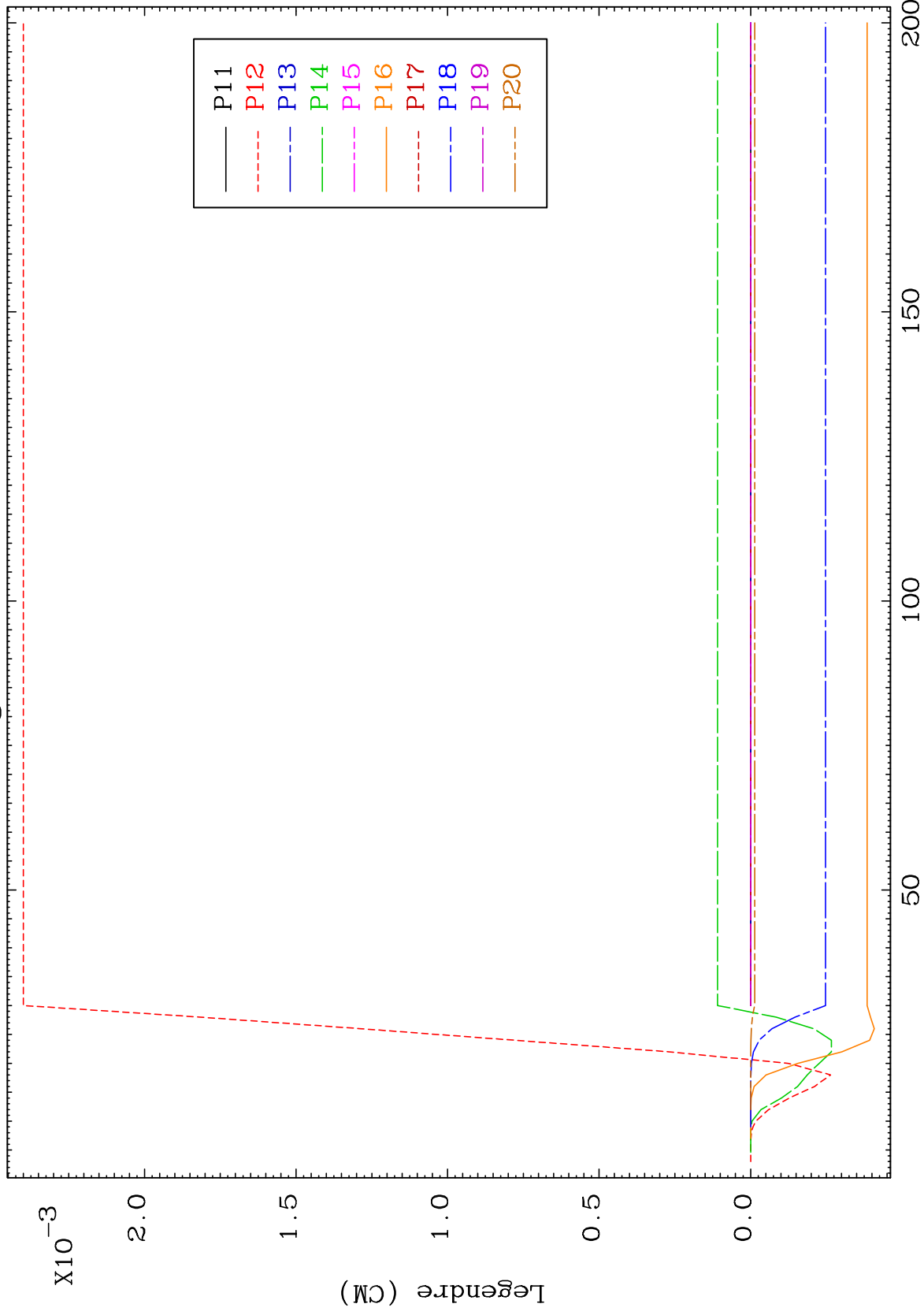
54-Xe-124



MAT 5425

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

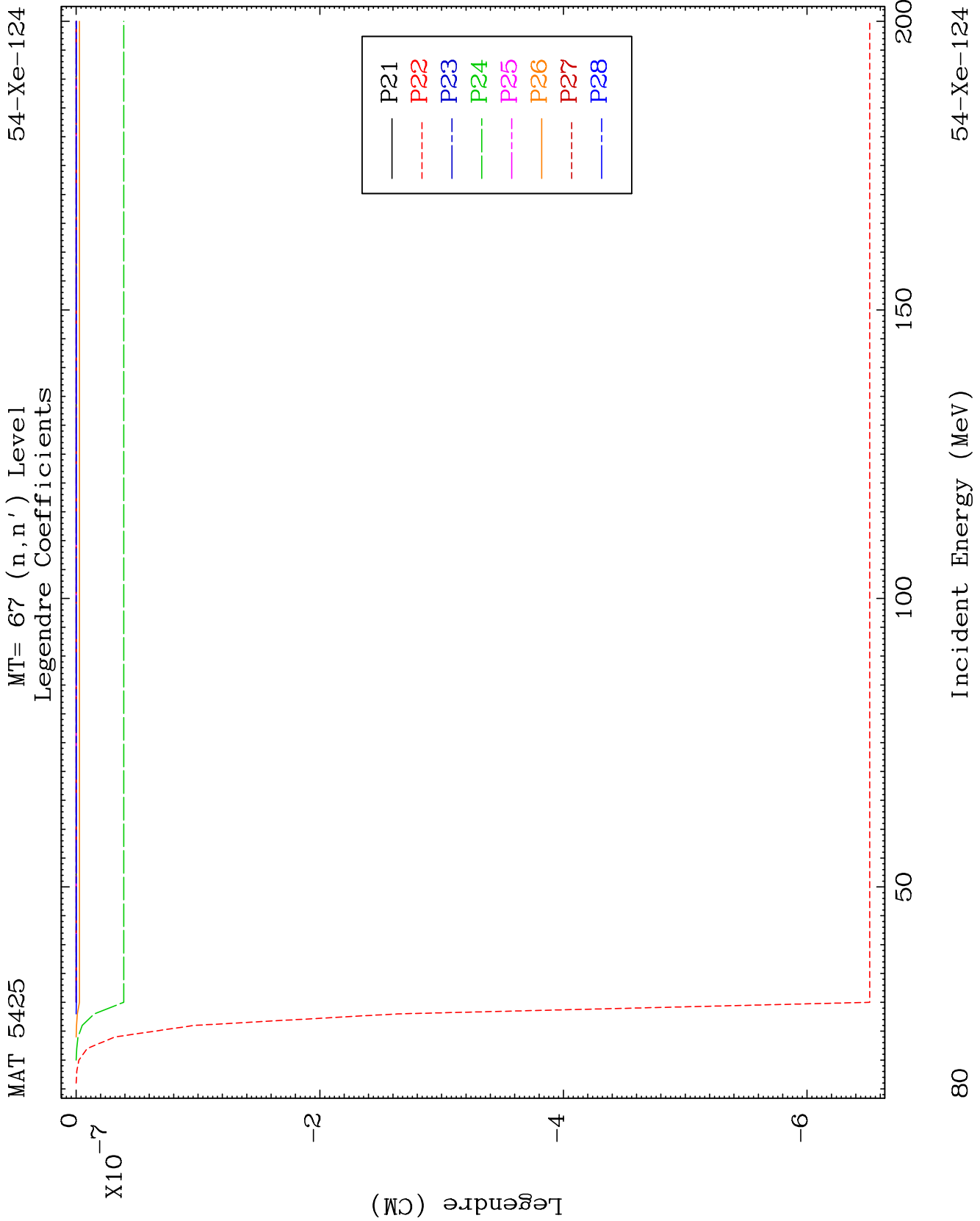
54-Xe-124



79

Incident Energy (MeV)

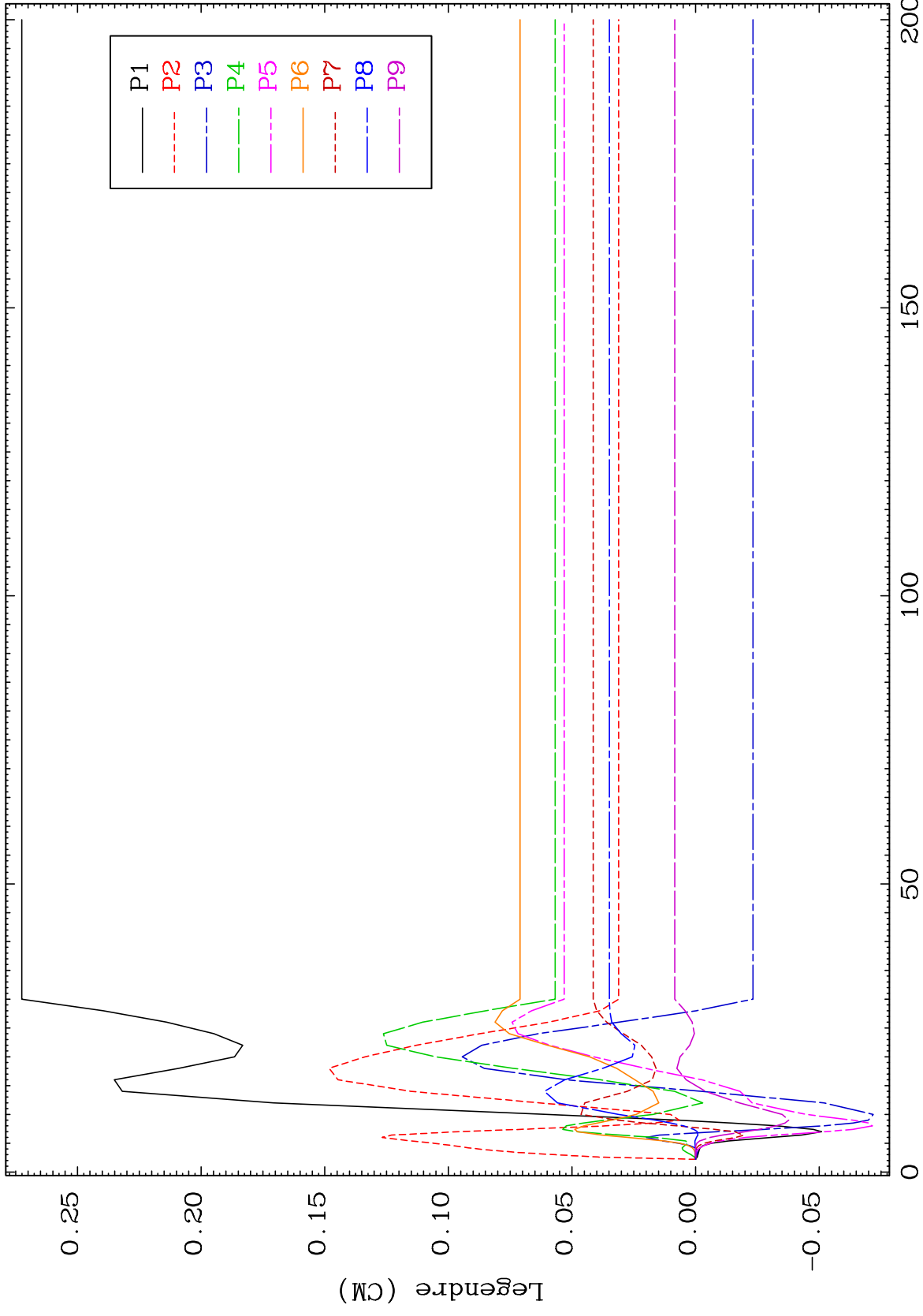
54-Xe-124



MAT 5425

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

54-Xe-124



81

Incident Energy (MeV)

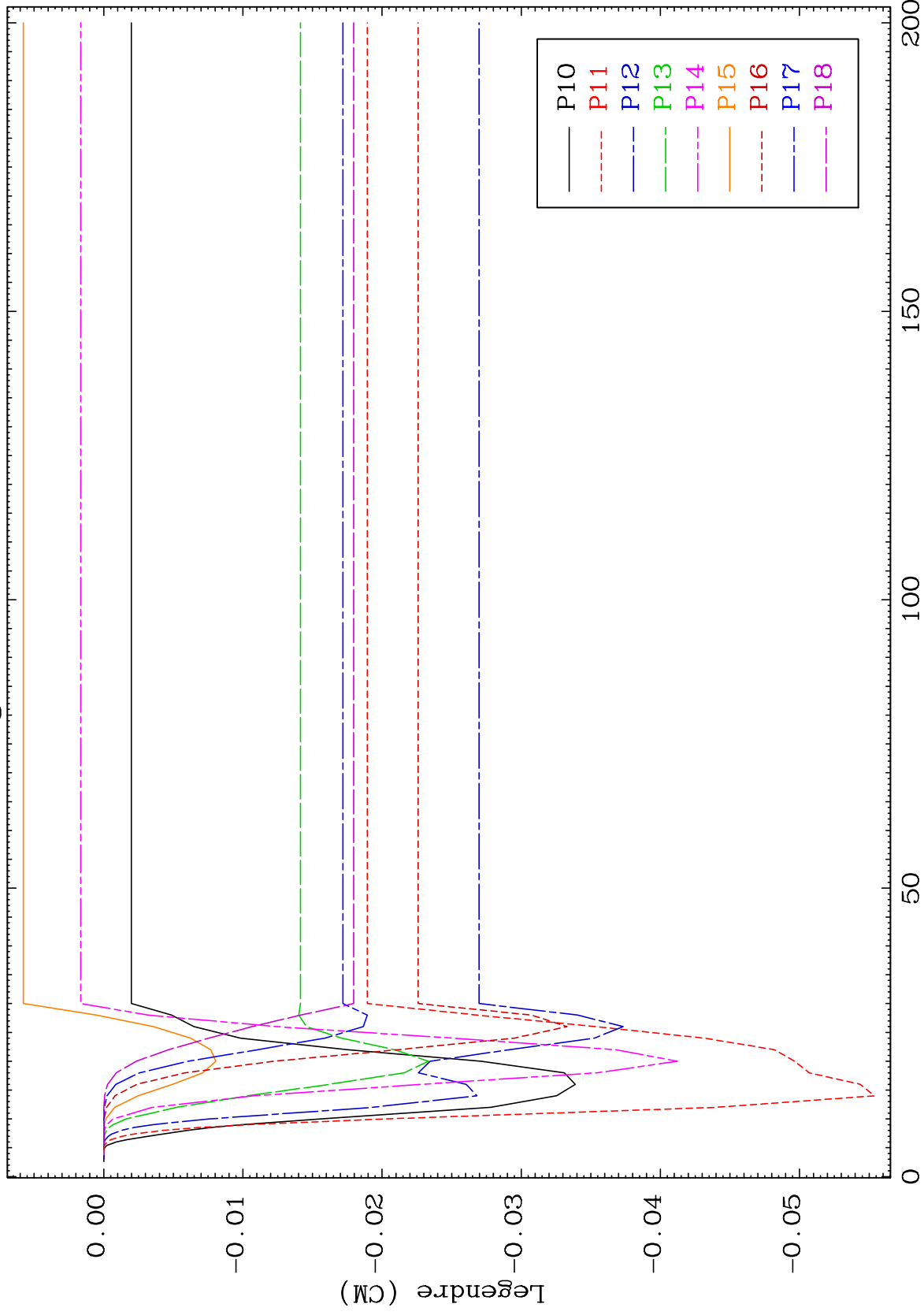
54-Xe-124

MAT 5425

MT= 68 (n,n') Level

54-Xe-124

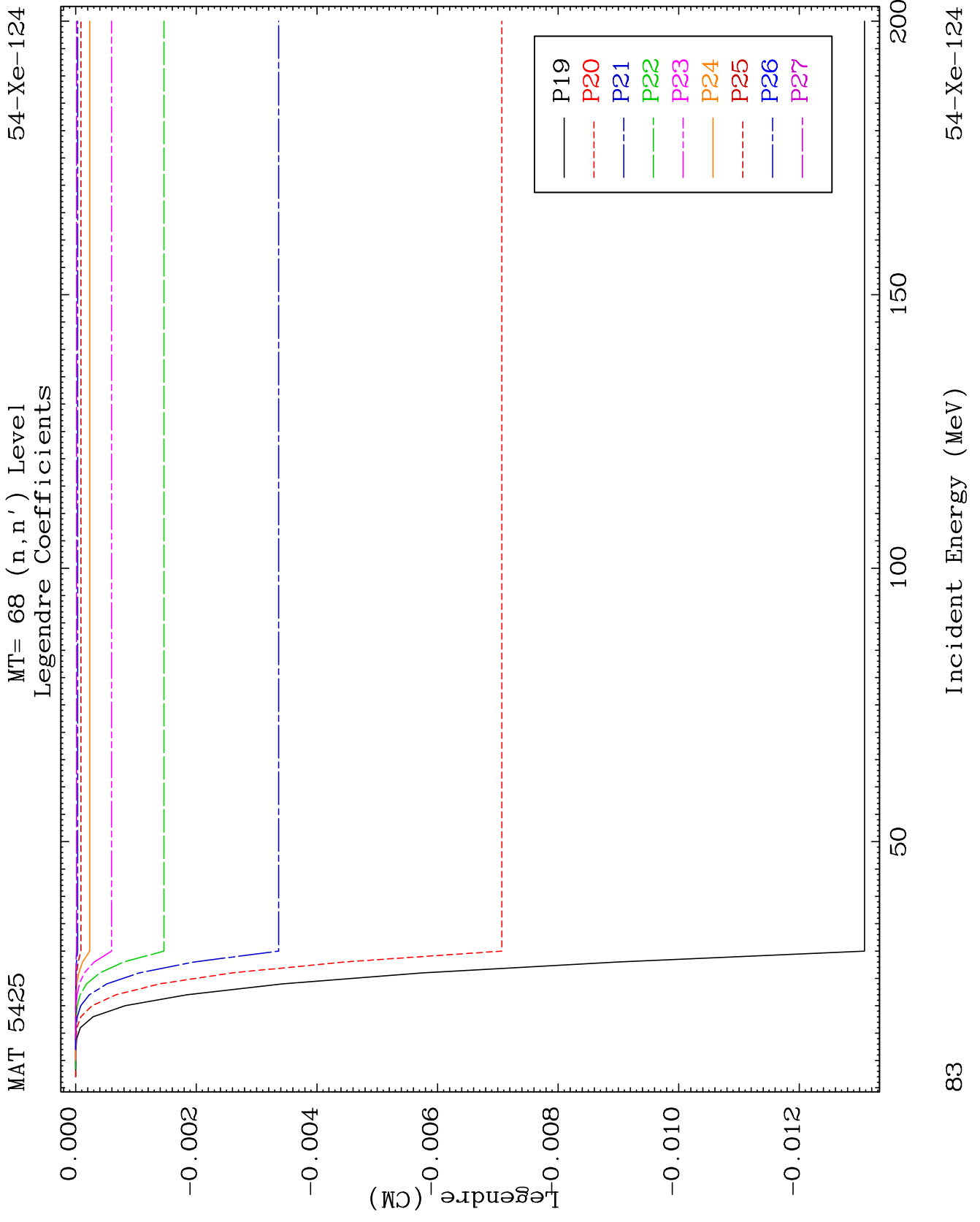
Legendre Coefficients

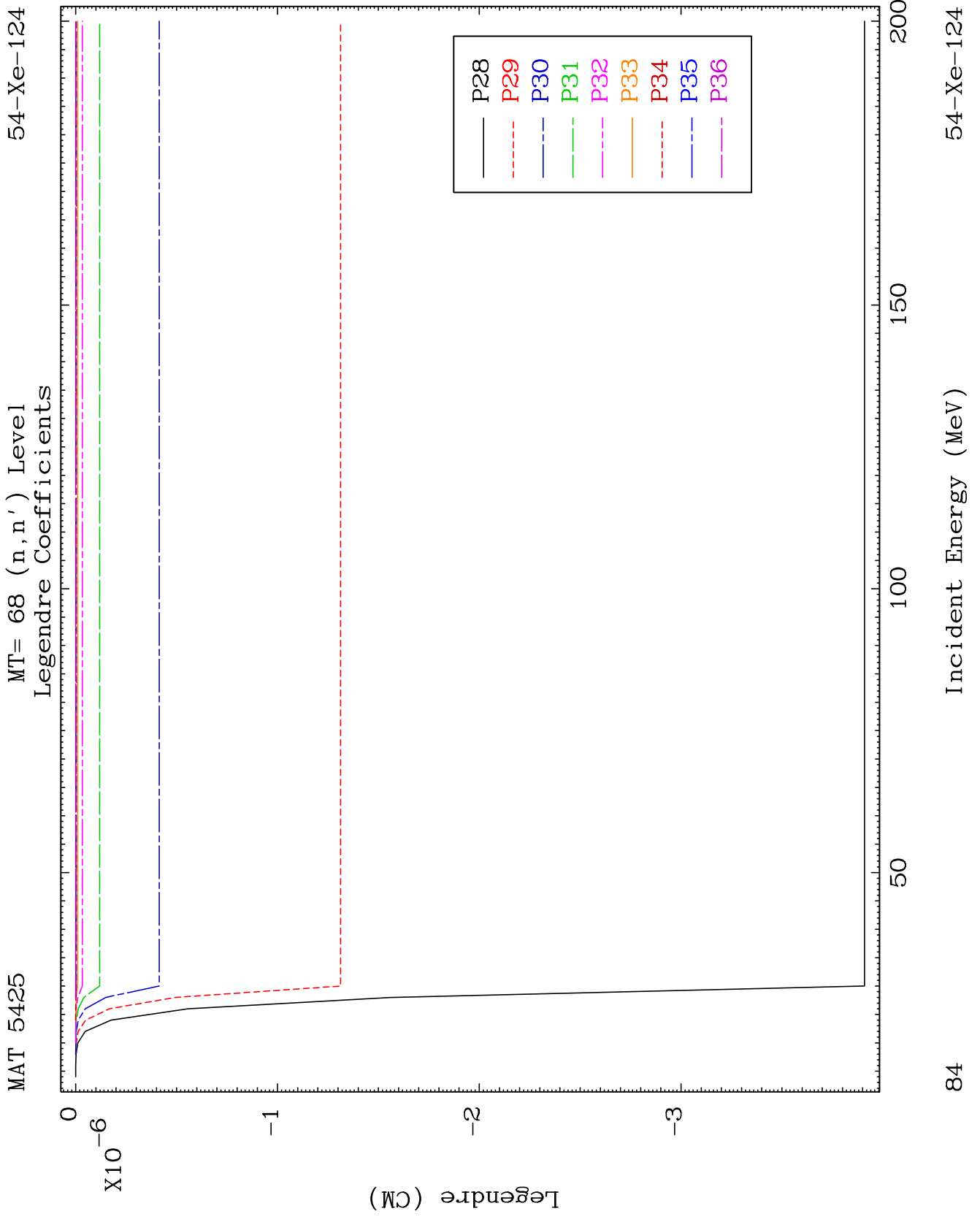


82

Incident Energy (MeV)

54-Xe-124



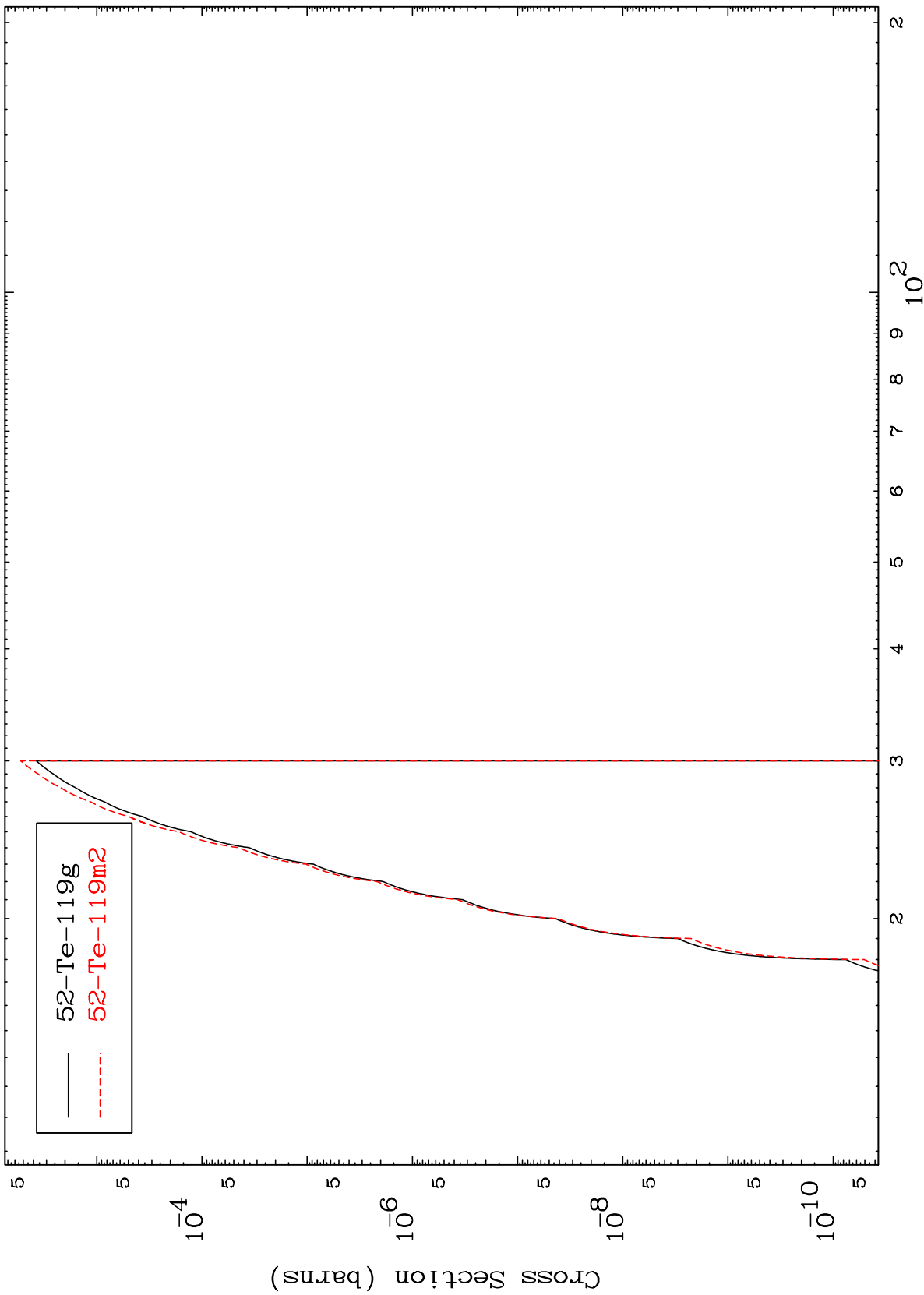


MAT 5425

(n,2n) α

54-Xe-124

Radionuclide Production Cross Section

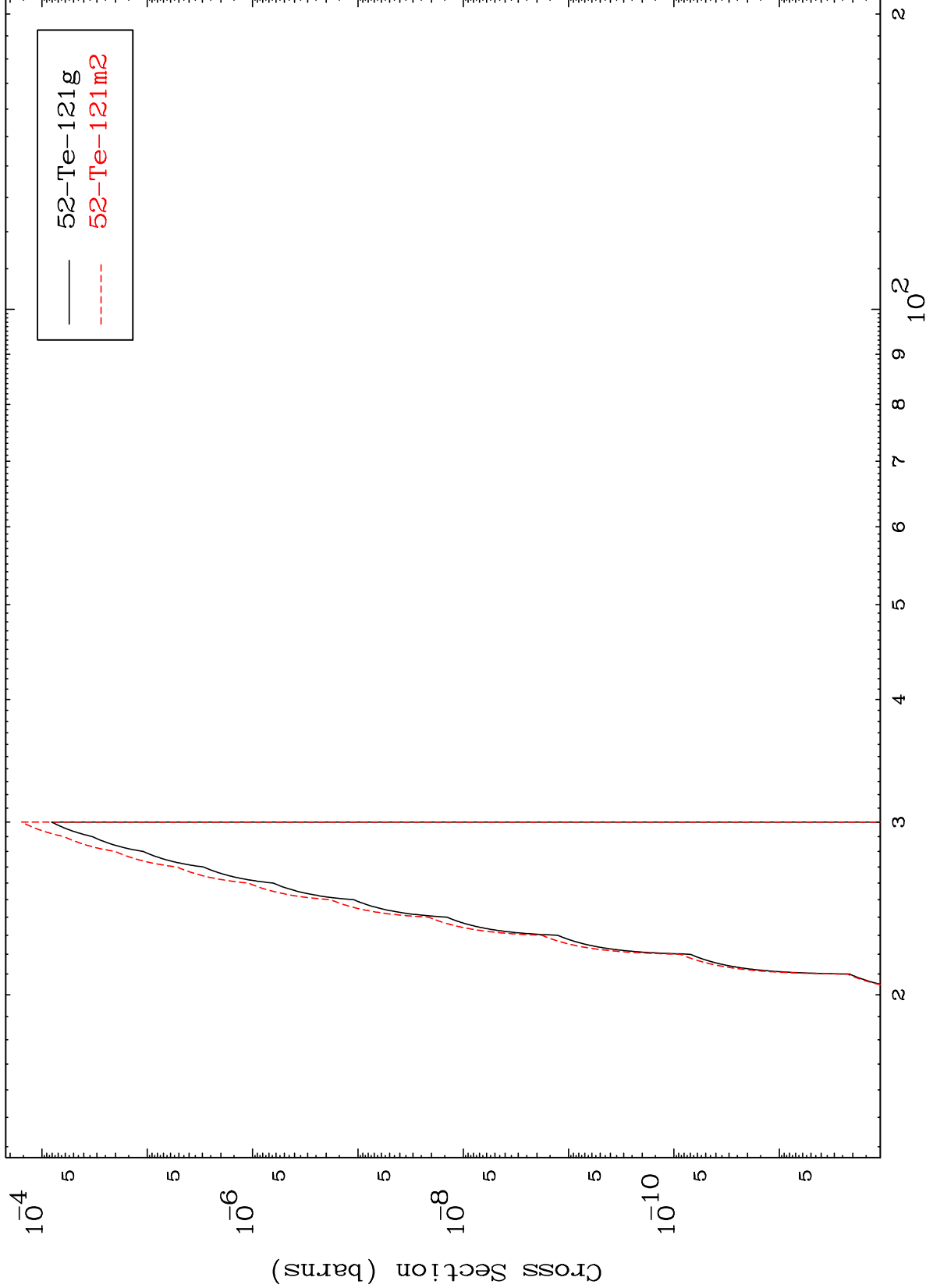


85

Incident Energy (MeV)

54-Xe-124

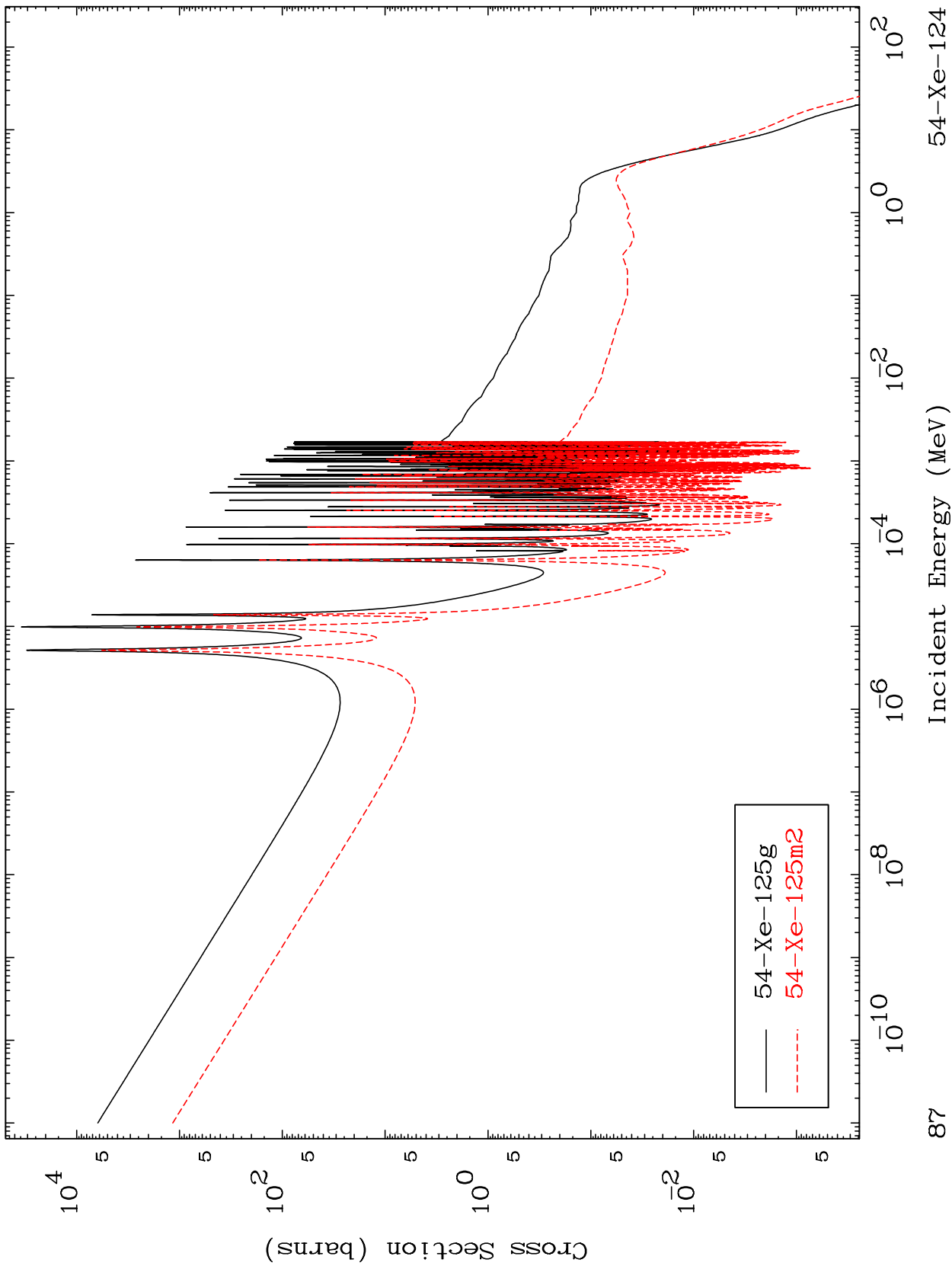
Radionuclide Production Cross Section



MAT 5425

54-Xe-124

(n,γ)
Radionuclide Production Cross Section

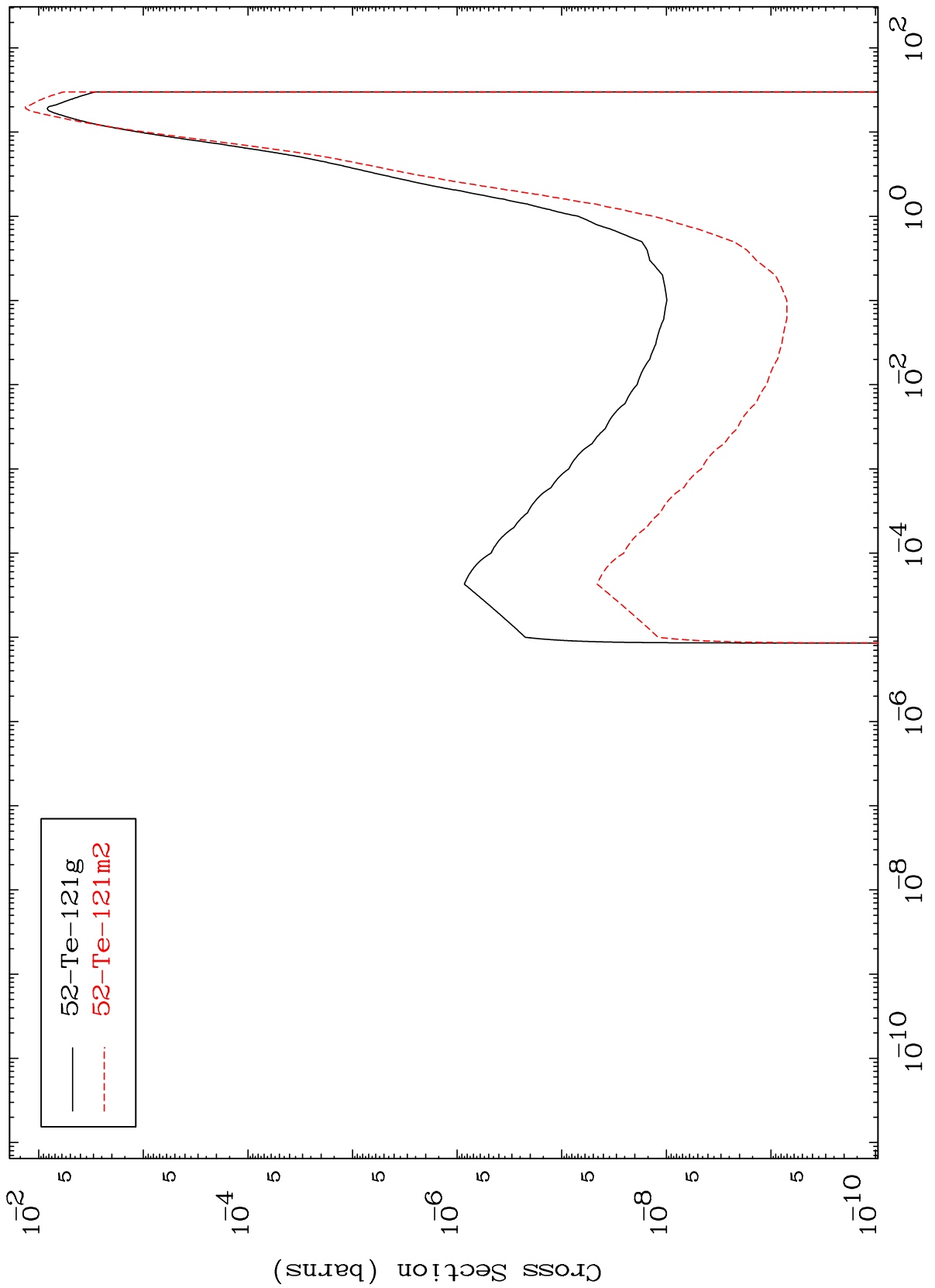


MAT 5425

(n, α)

54-Xe-124

Radionuclide Production Cross Section

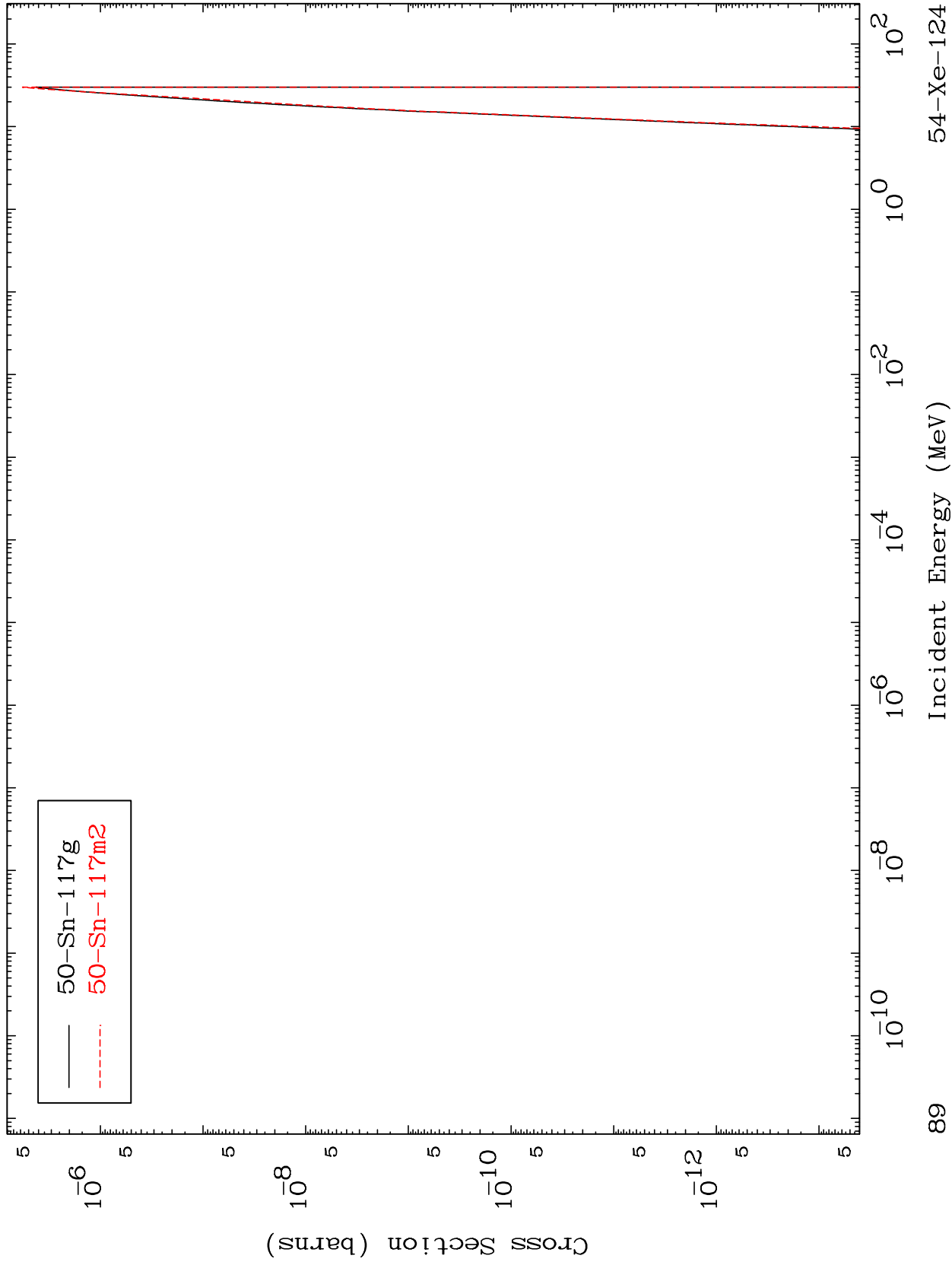


MAT 5425

(n,2α)

54-Xe-124

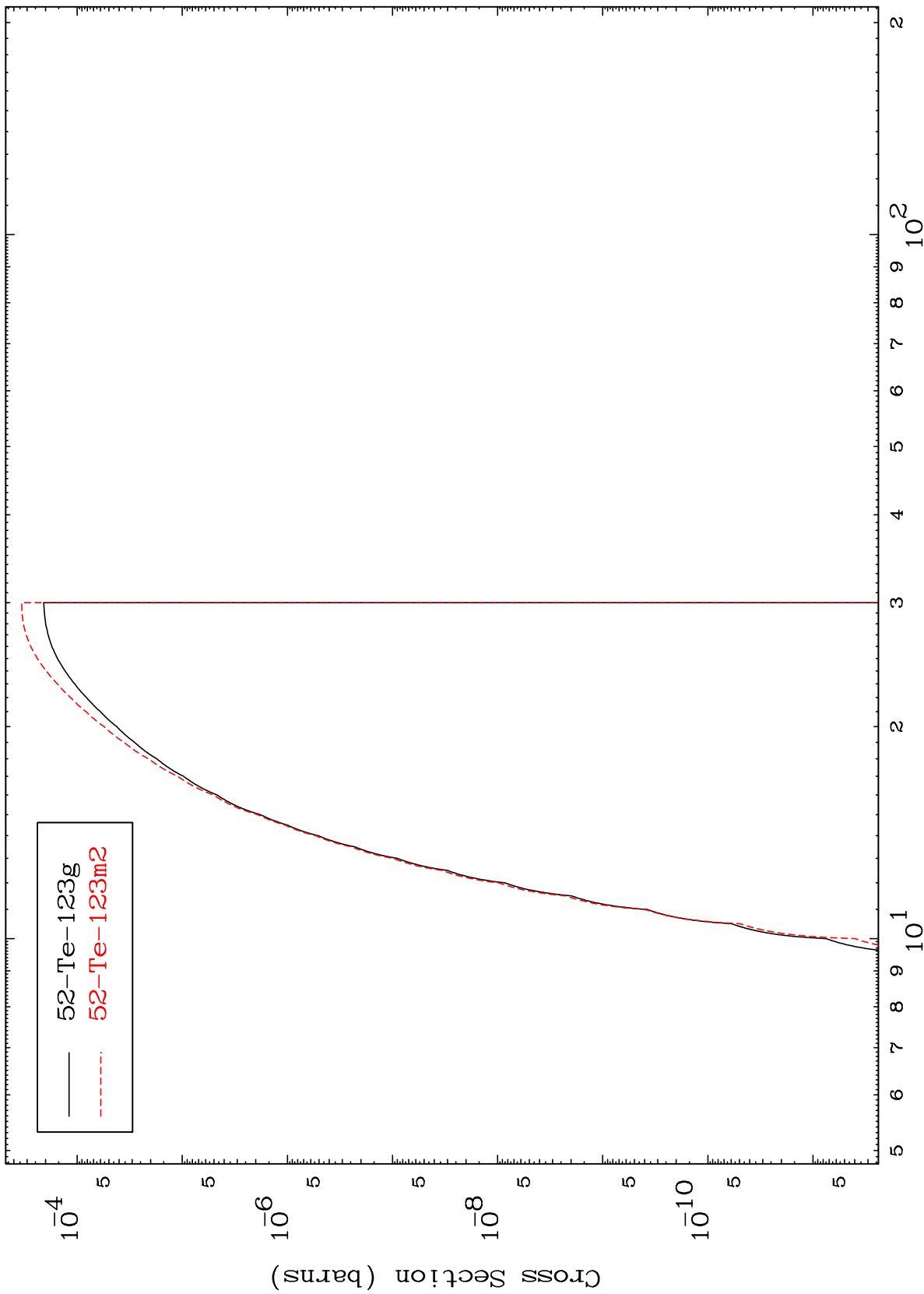
Radionuclide Production Cross Section



MAT 5425

54-Xe-124

(n,2p)
Radionuclide Production Cross Section



90

Incident Energy (MeV)

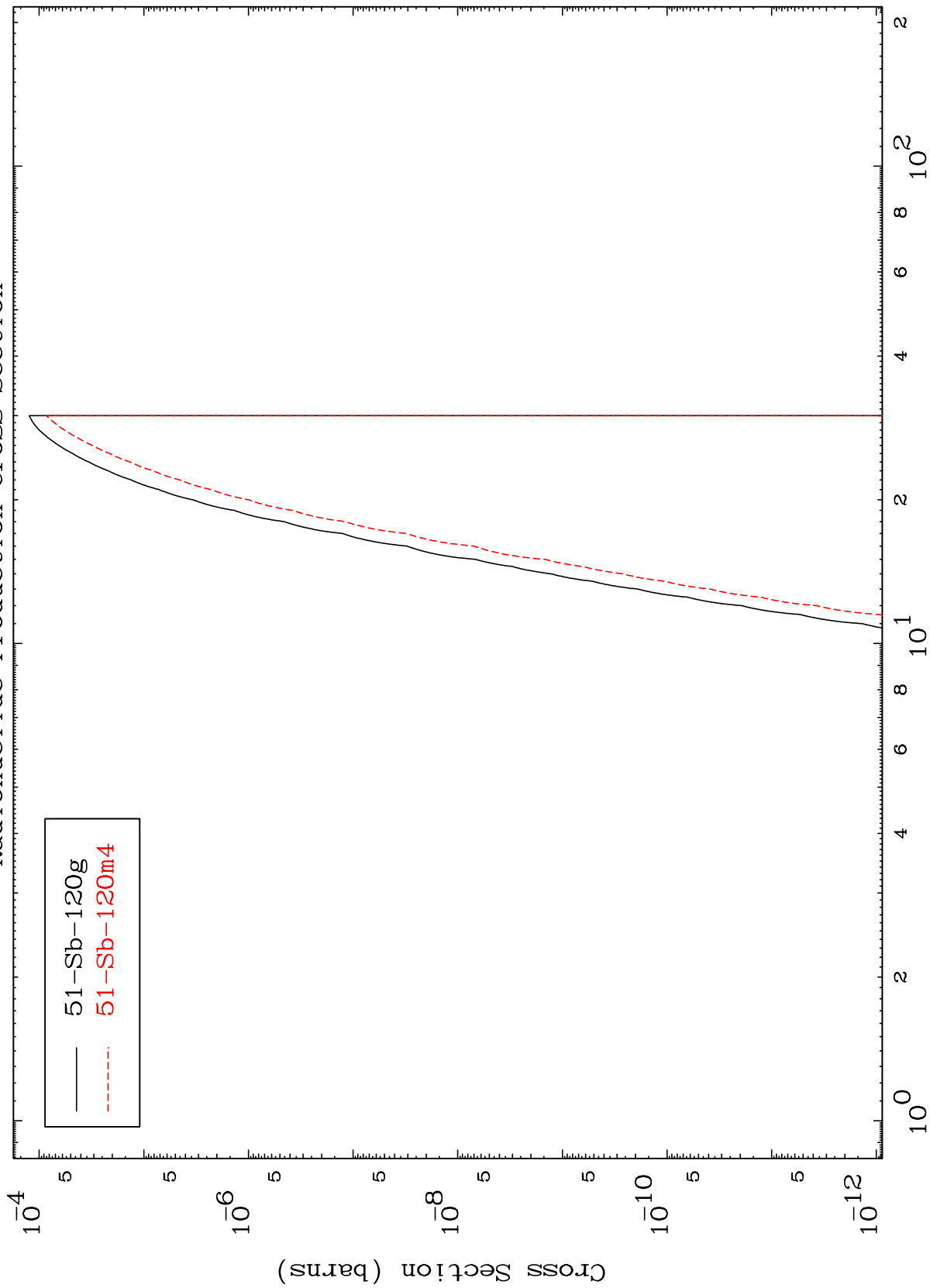
54-Xe-124

MAT 5425

(n,p) α

54-Xe-124

Radionuclide Production Cross Section



91

Incident Energy (MeV)

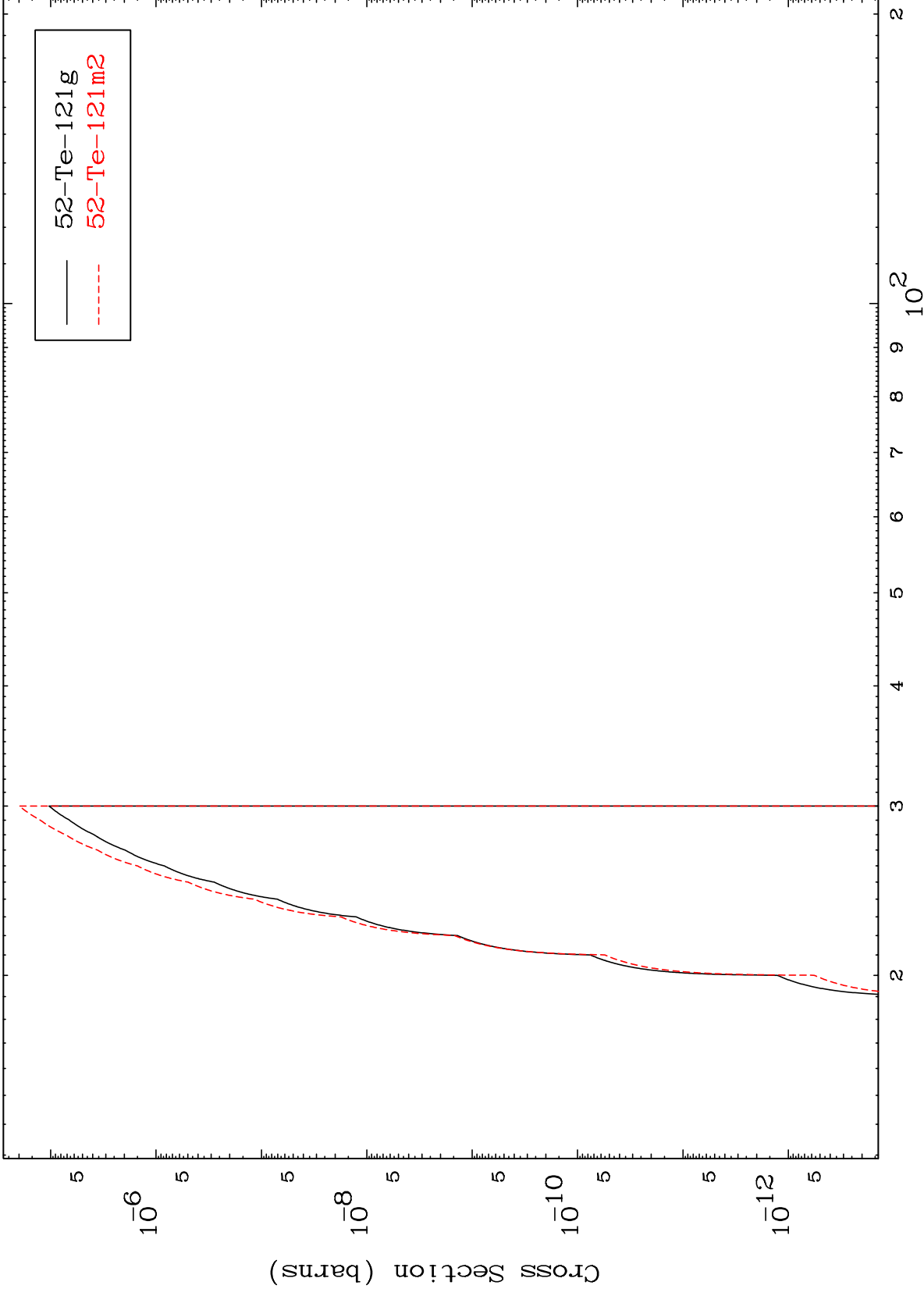
54-Xe-124

MAT 5425

(n,p) t

54-Xe-124

Radionuclide Production Cross Section



92

Incident Energy (MeV)

54-Xe-124