

Program EVALPLOT
(Version 2015-2)

by

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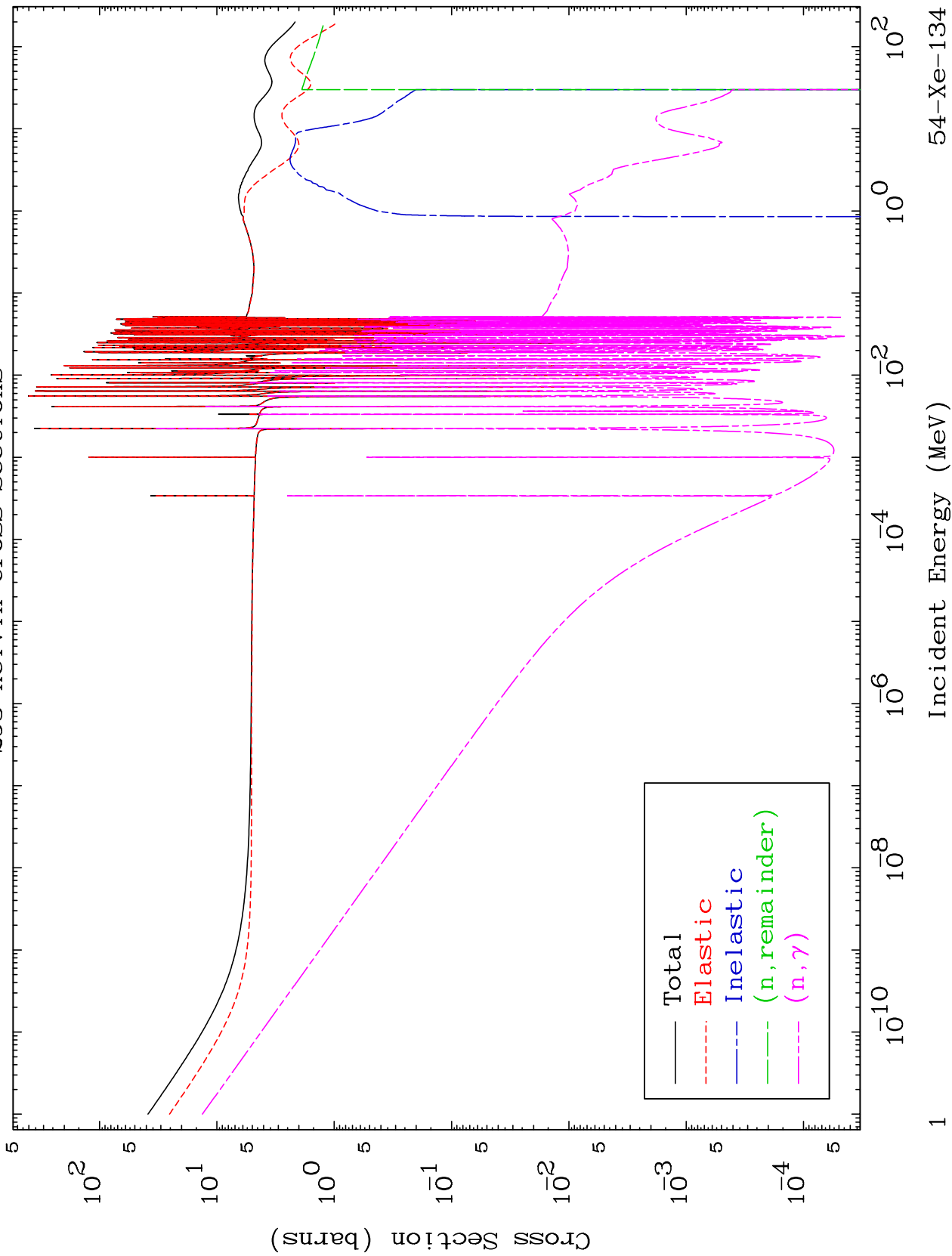
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5455

Major
293 Kelvin Cross Sections

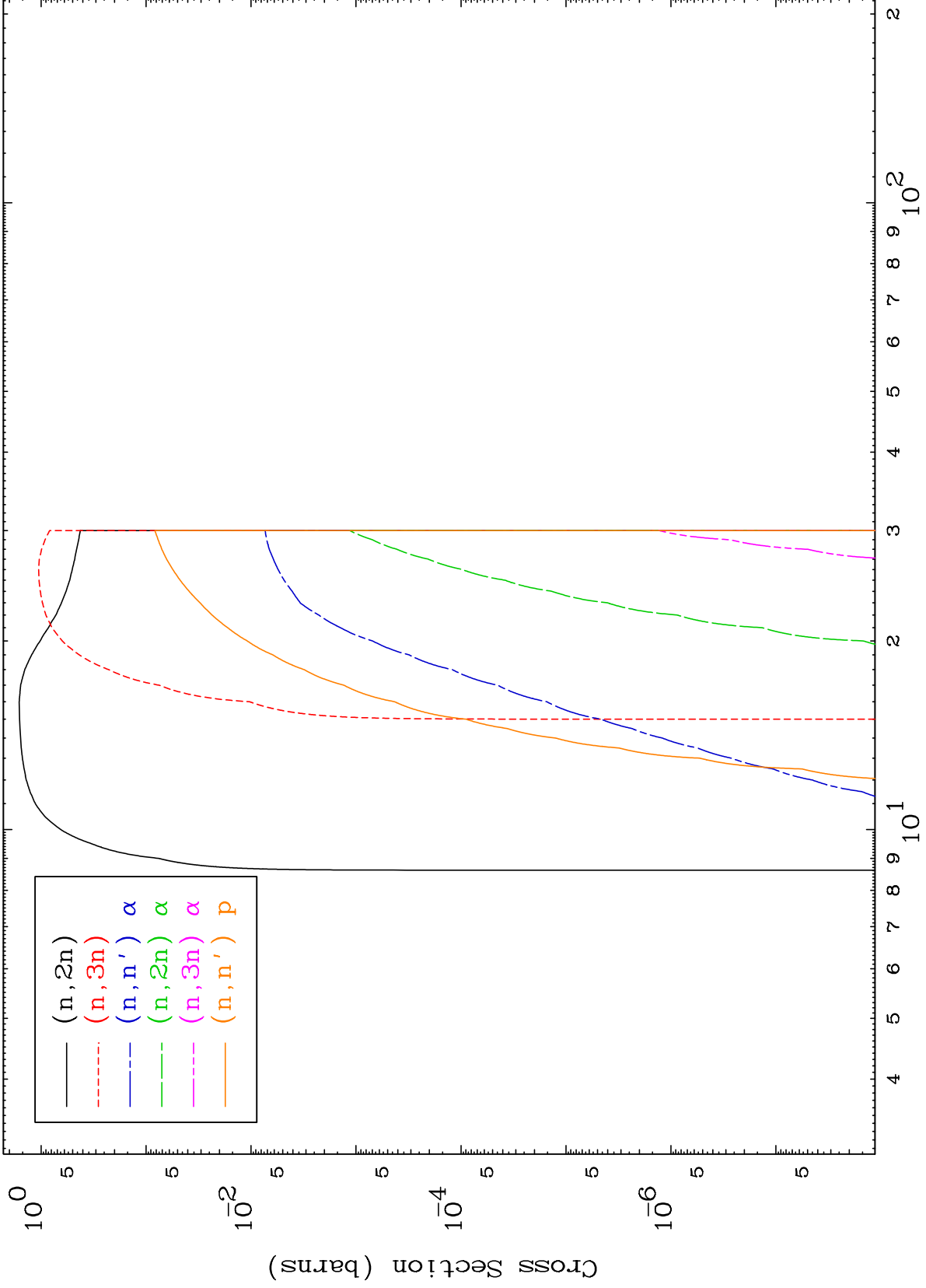
54-Xe-134

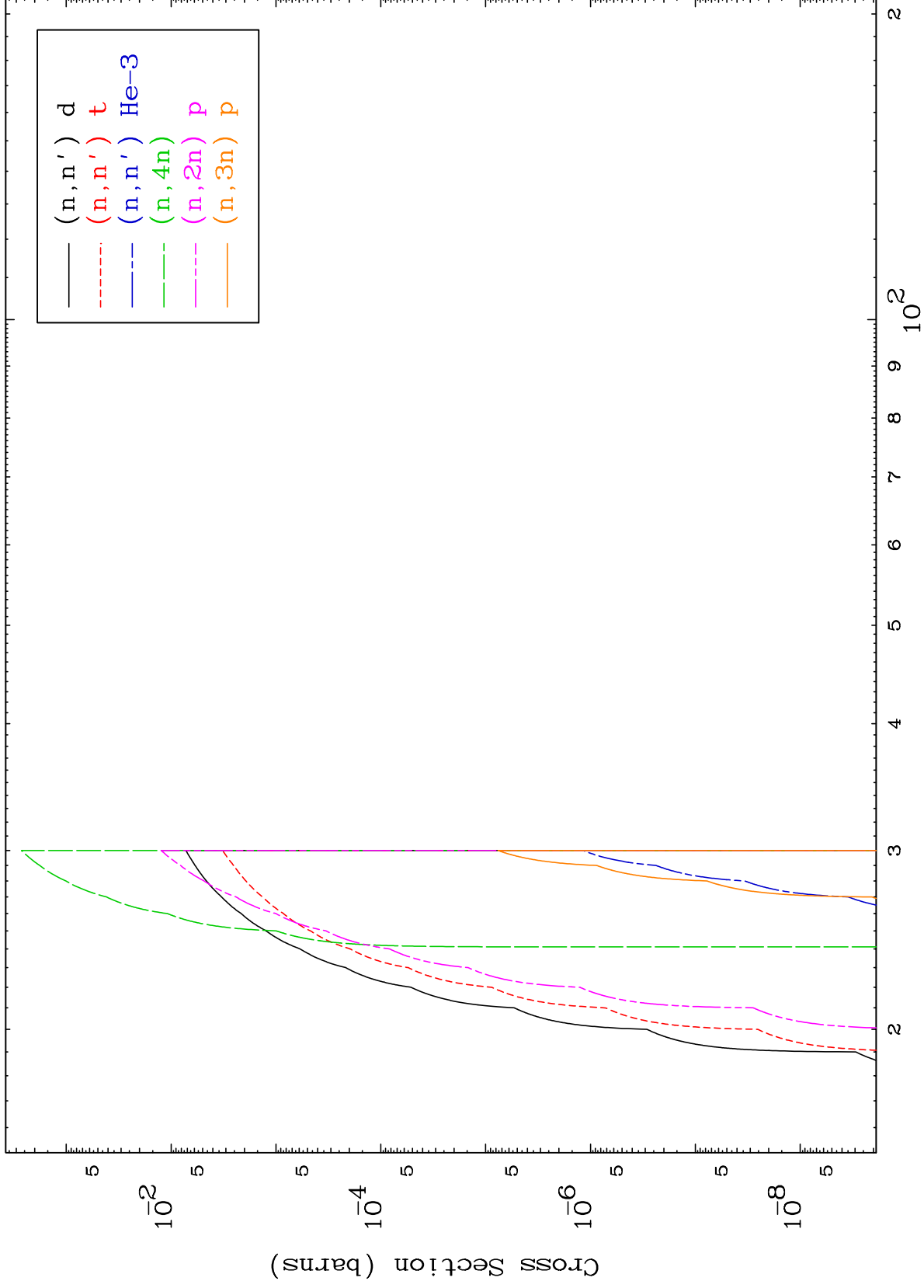


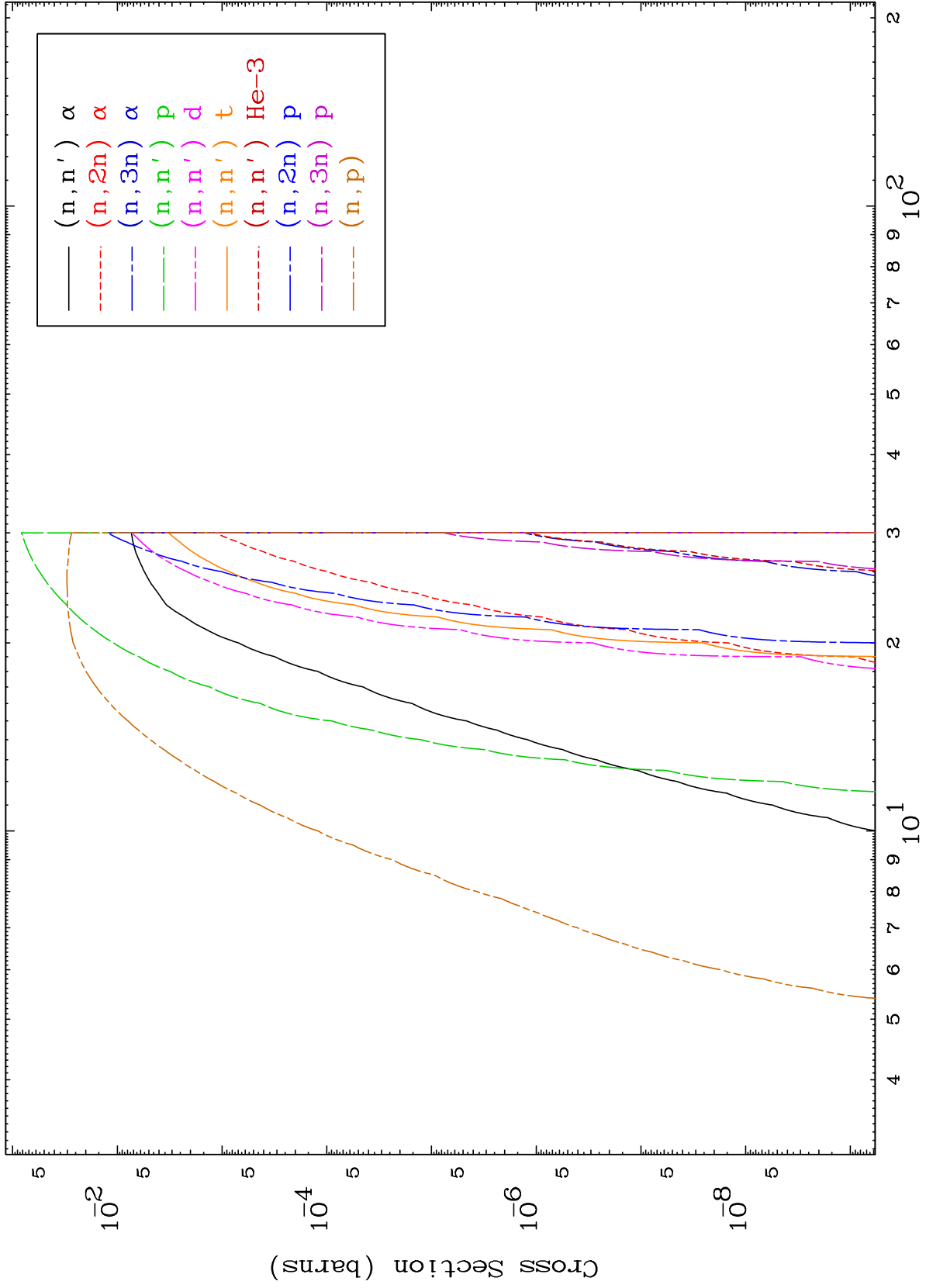
MAT 5455

Neutron Production
293 Kelvin Cross Sections

54-Xe-134



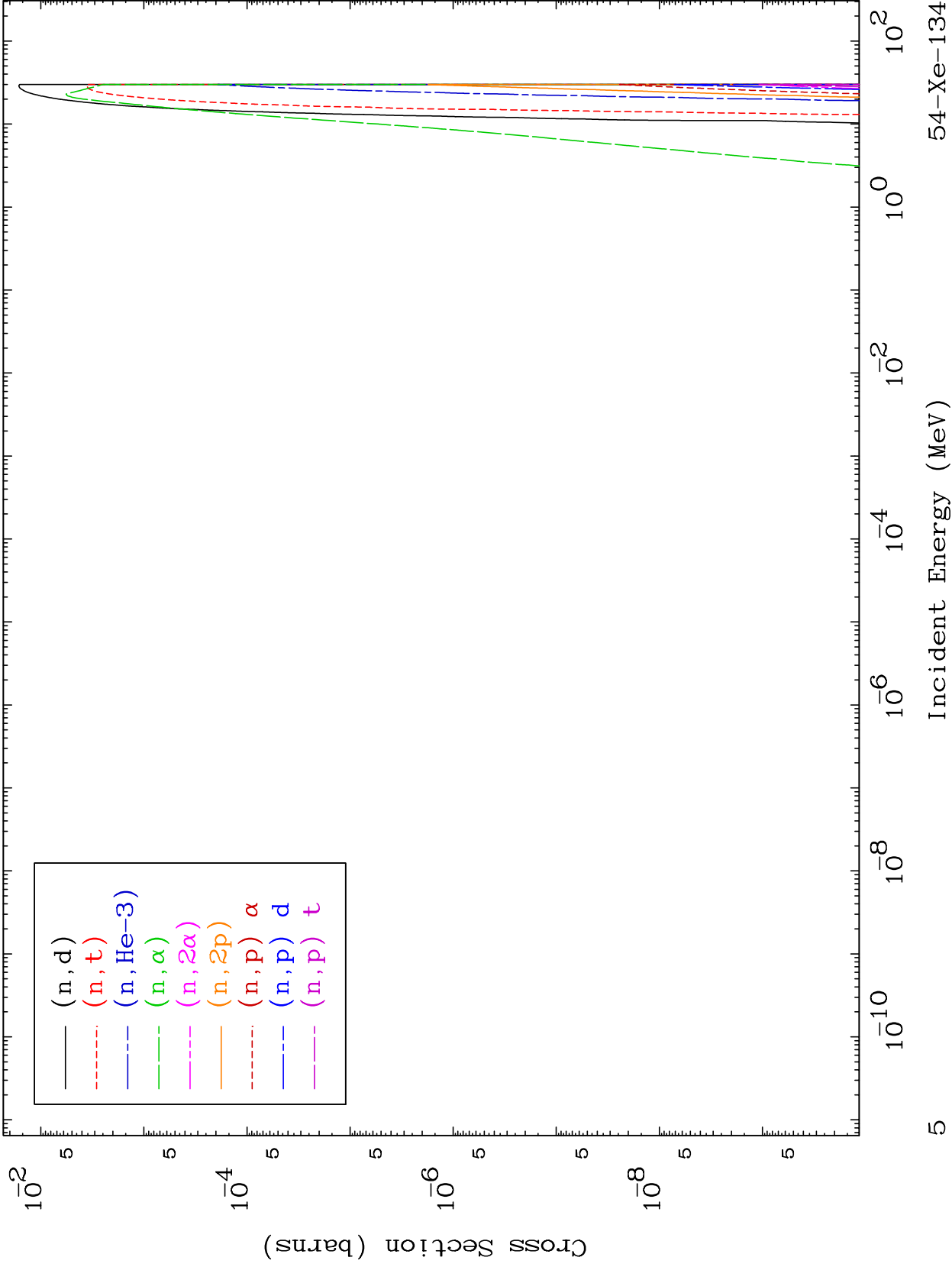




MAT 5455

Charged Particle
293 Kelvin Cross Sections

54-Xe-134



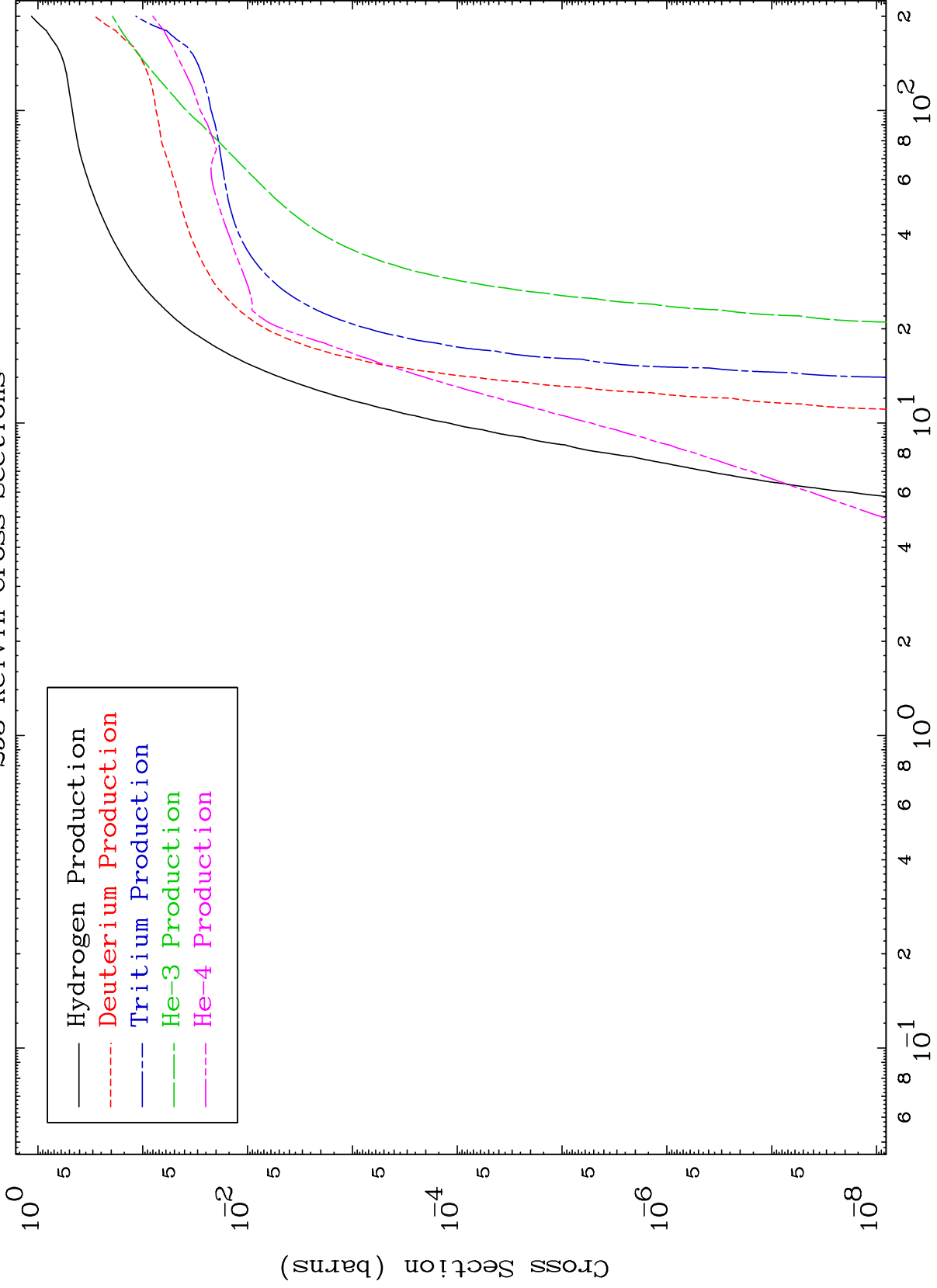
5

54-Xe-134

MAT 5455

Particle Production
293 Kelvin Cross Sections

54-Xe-134



6

Incident Energy (MeV)

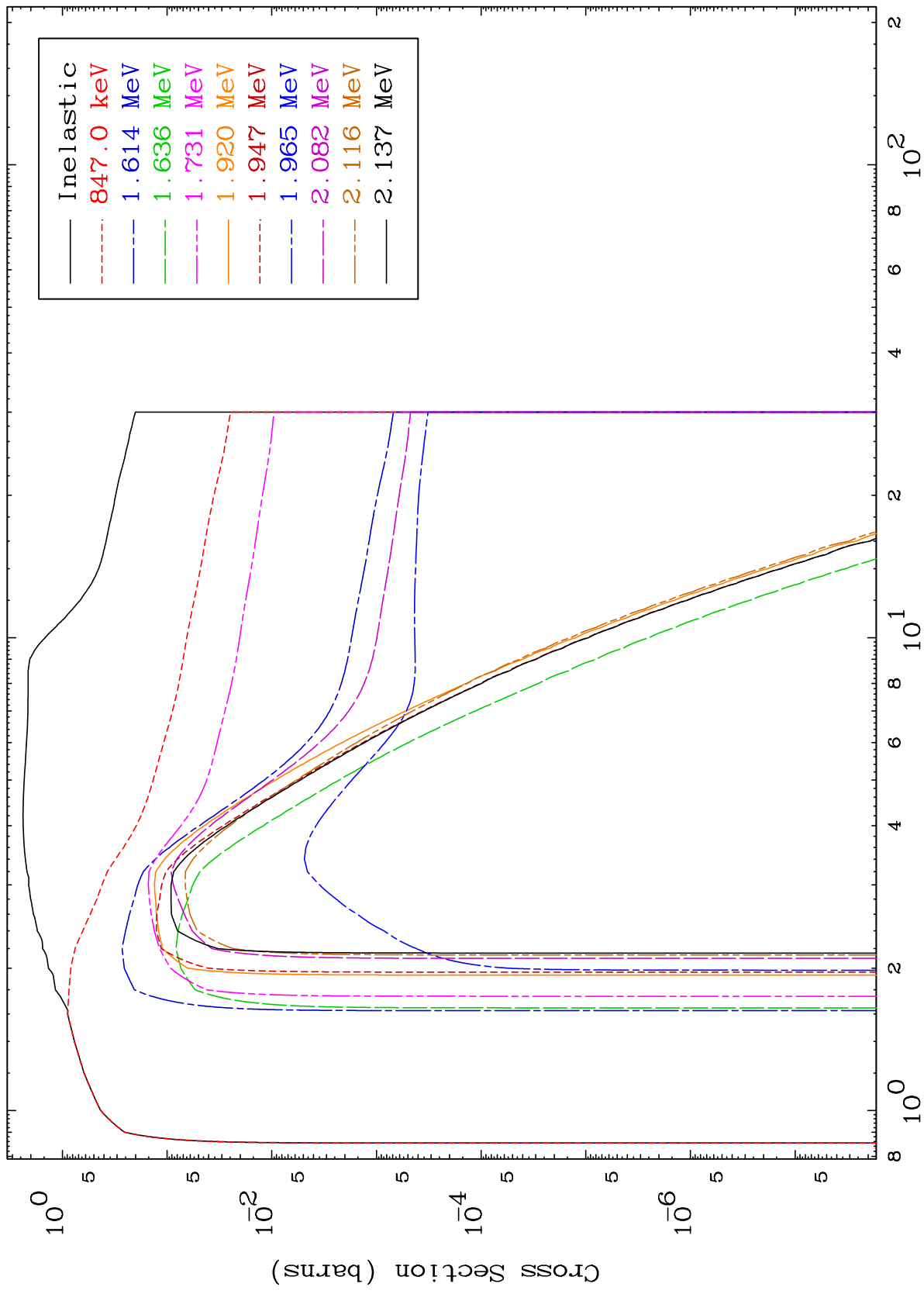
54-Xe-134

MAT 5455

(n,n') Level

54-Xe-134

293 Kelvin Cross Sections



Incident Energy (MeV)

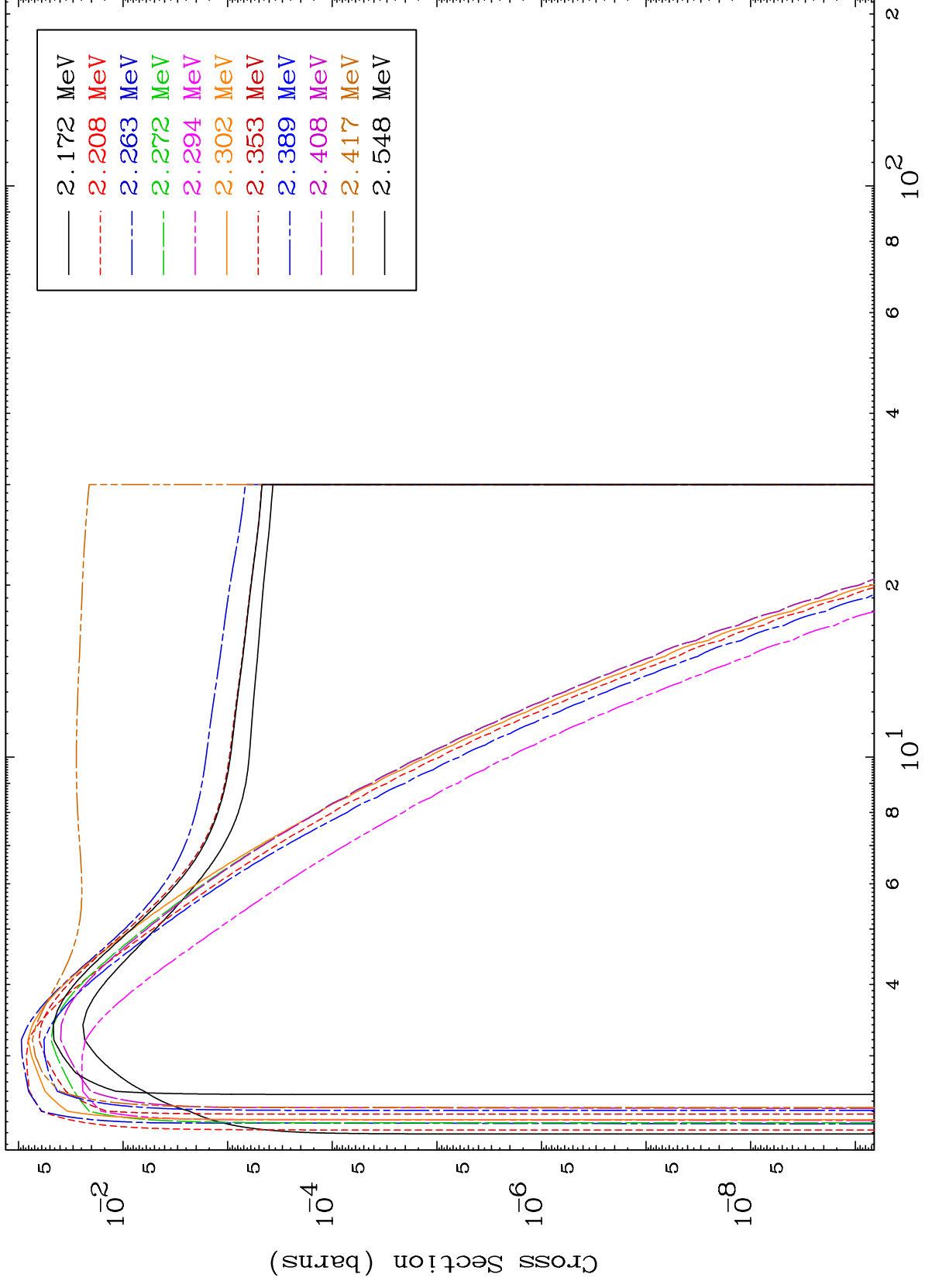
54-Xe-134

7

MAT 5455

(n,n') Level
293 Kelvin Cross Sections

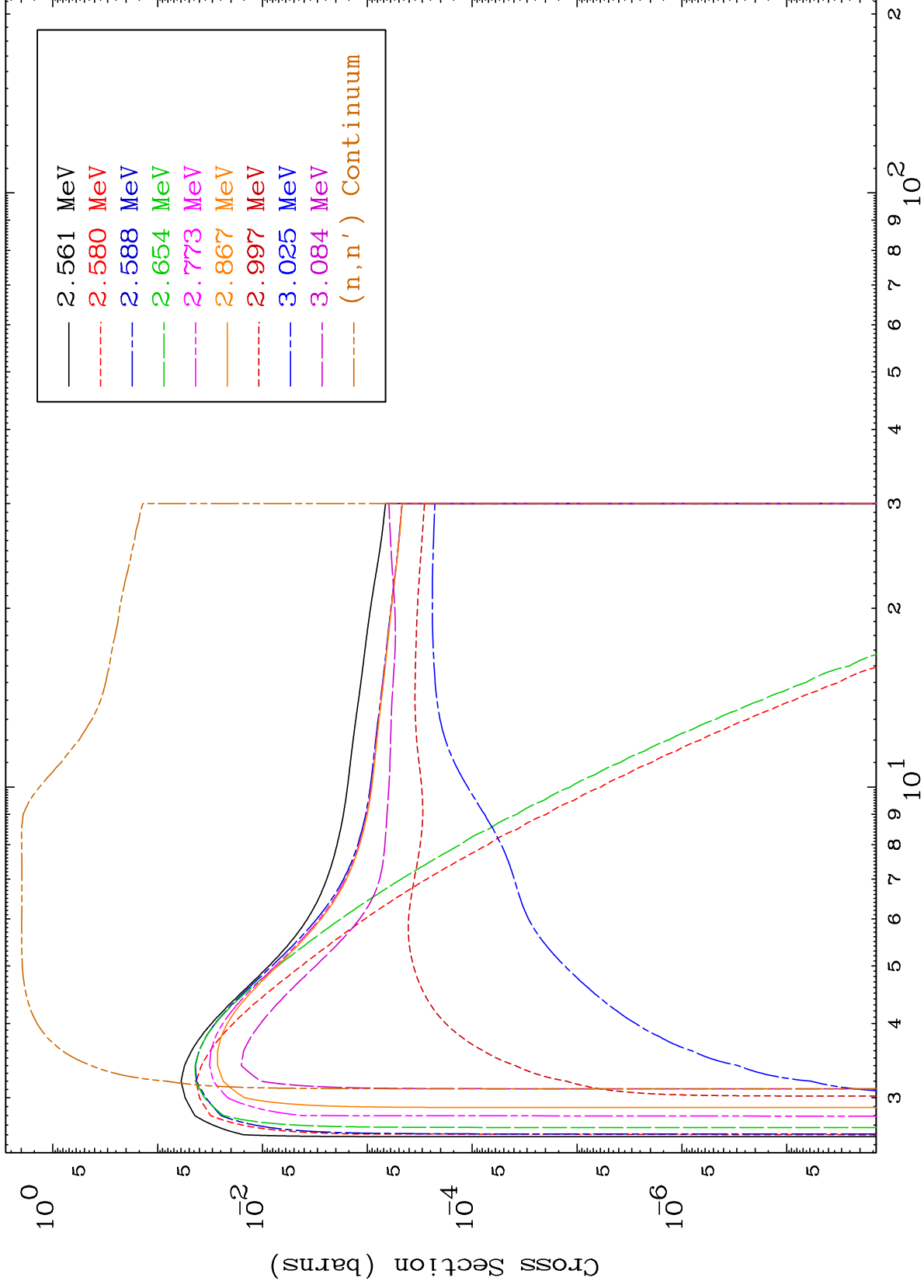
54-Xe-134



8

Incident Energy (MeV)

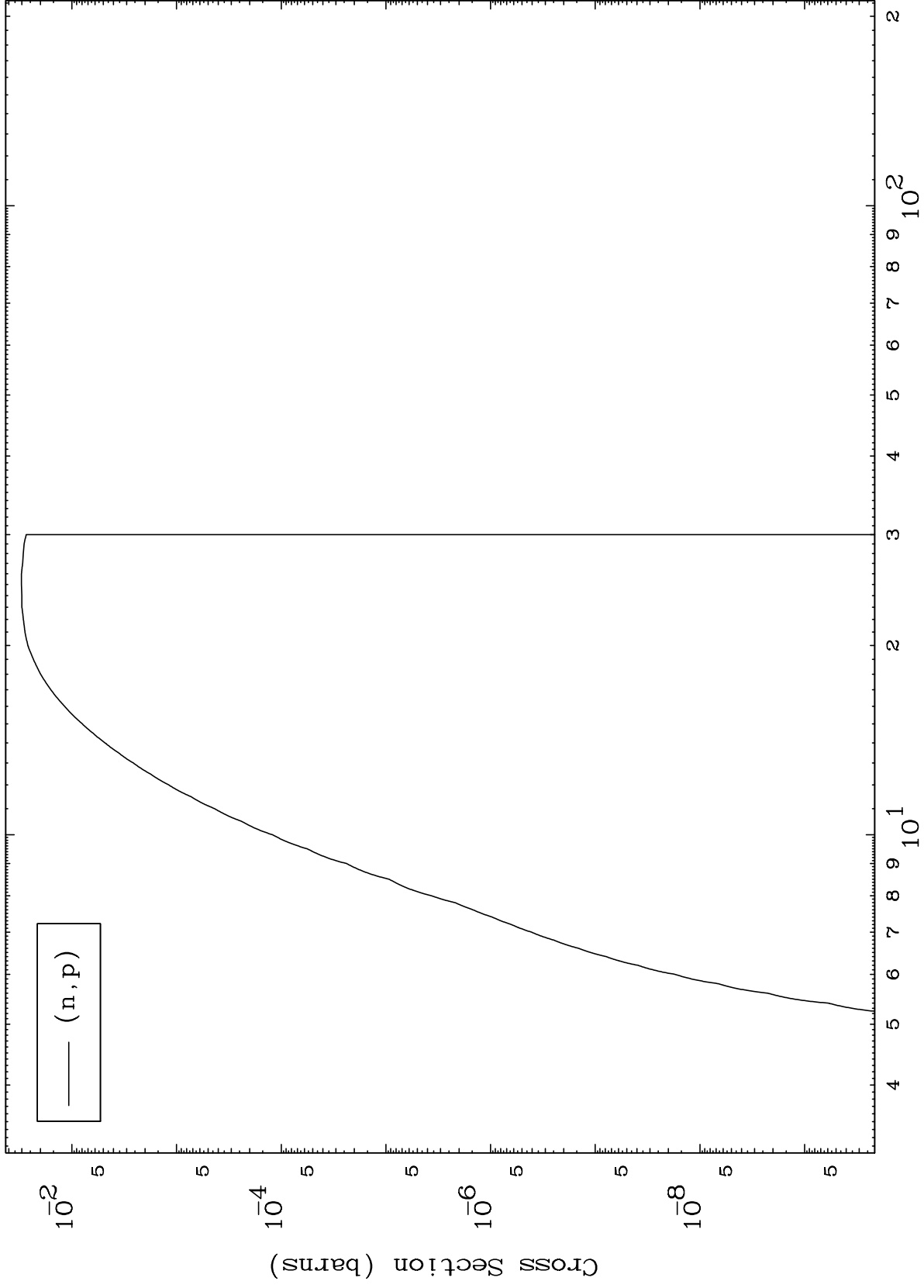
54-Xe-134



MAT 5455

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-134



10

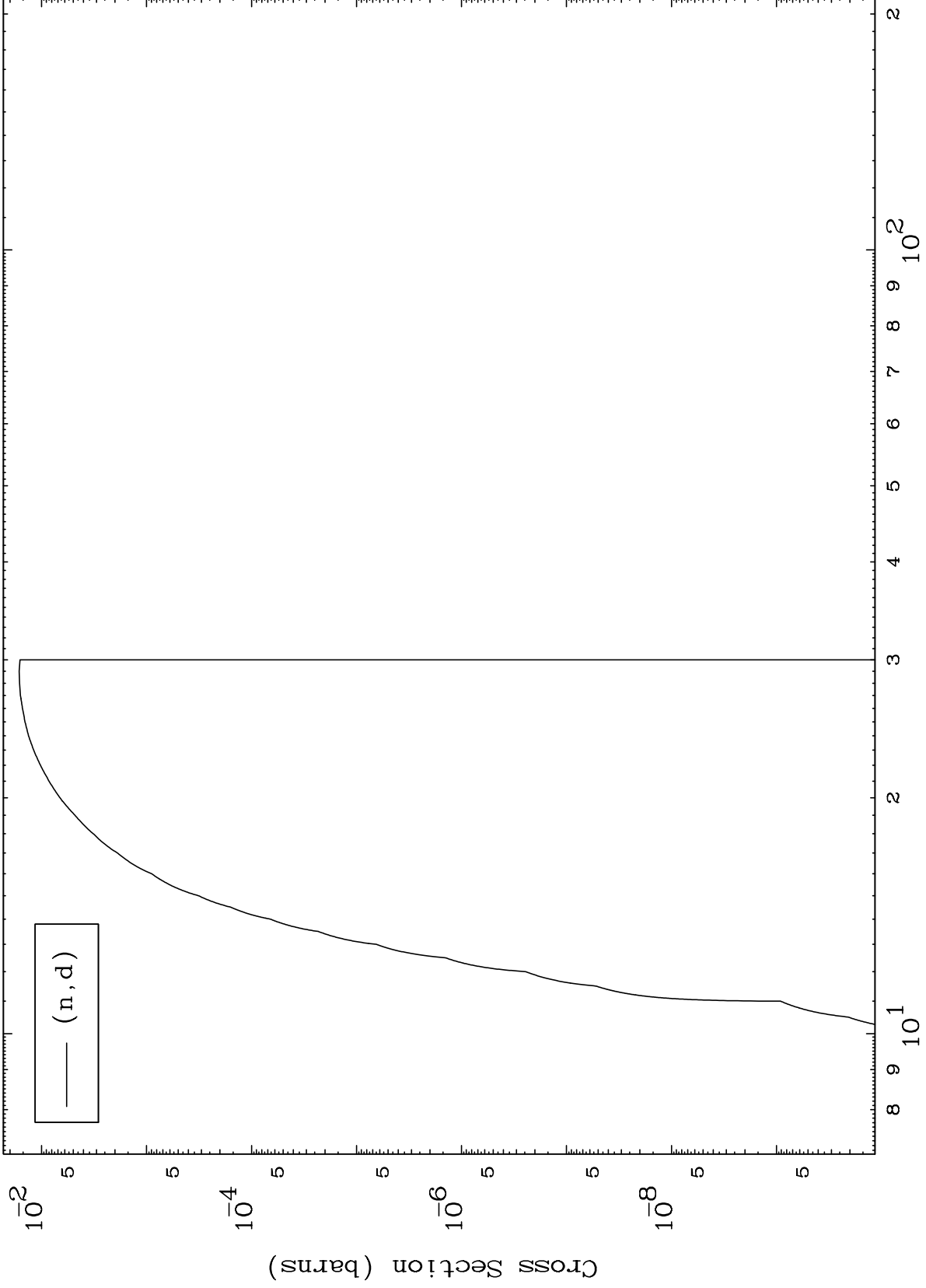
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-134



11

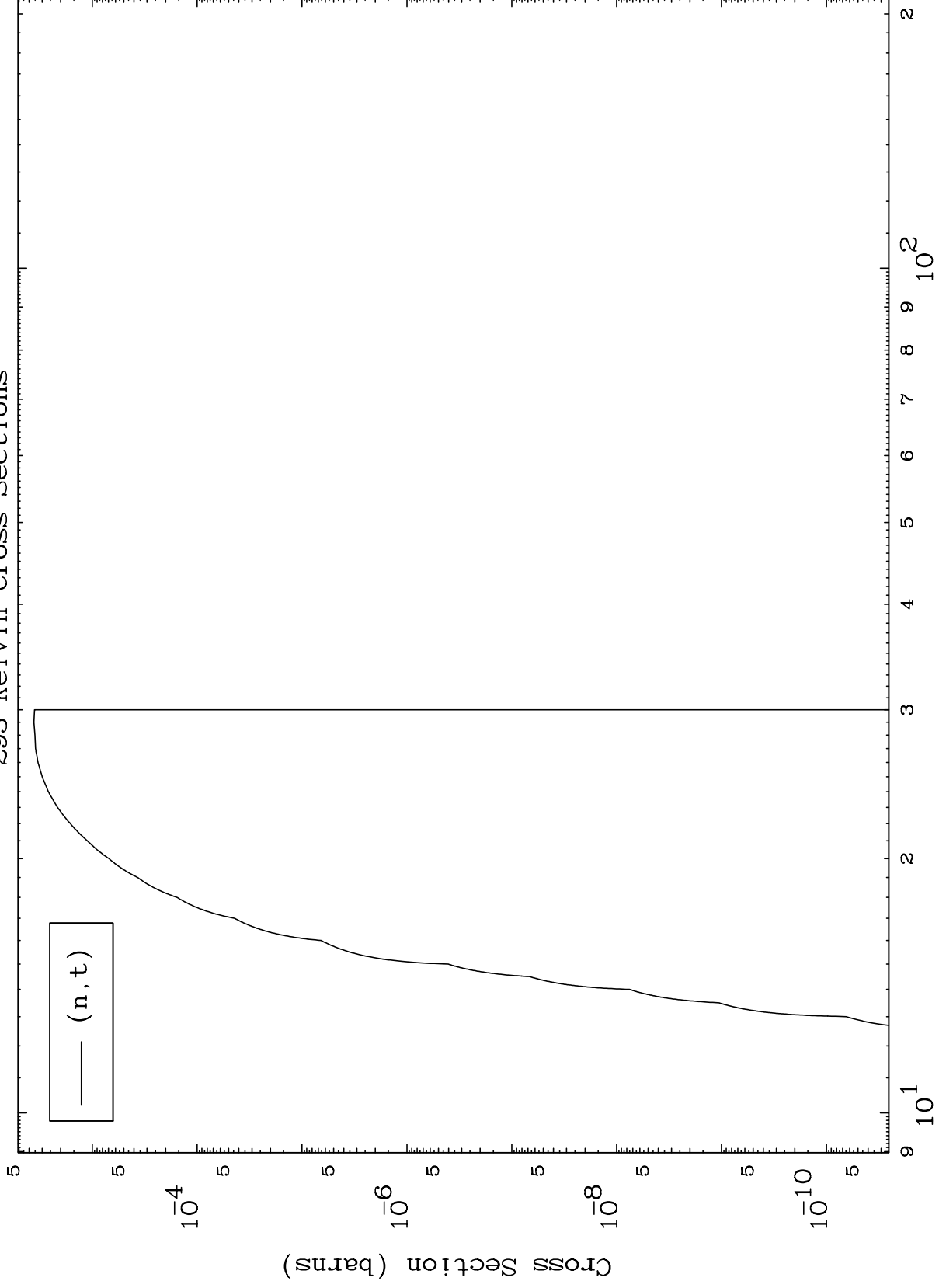
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-134



12

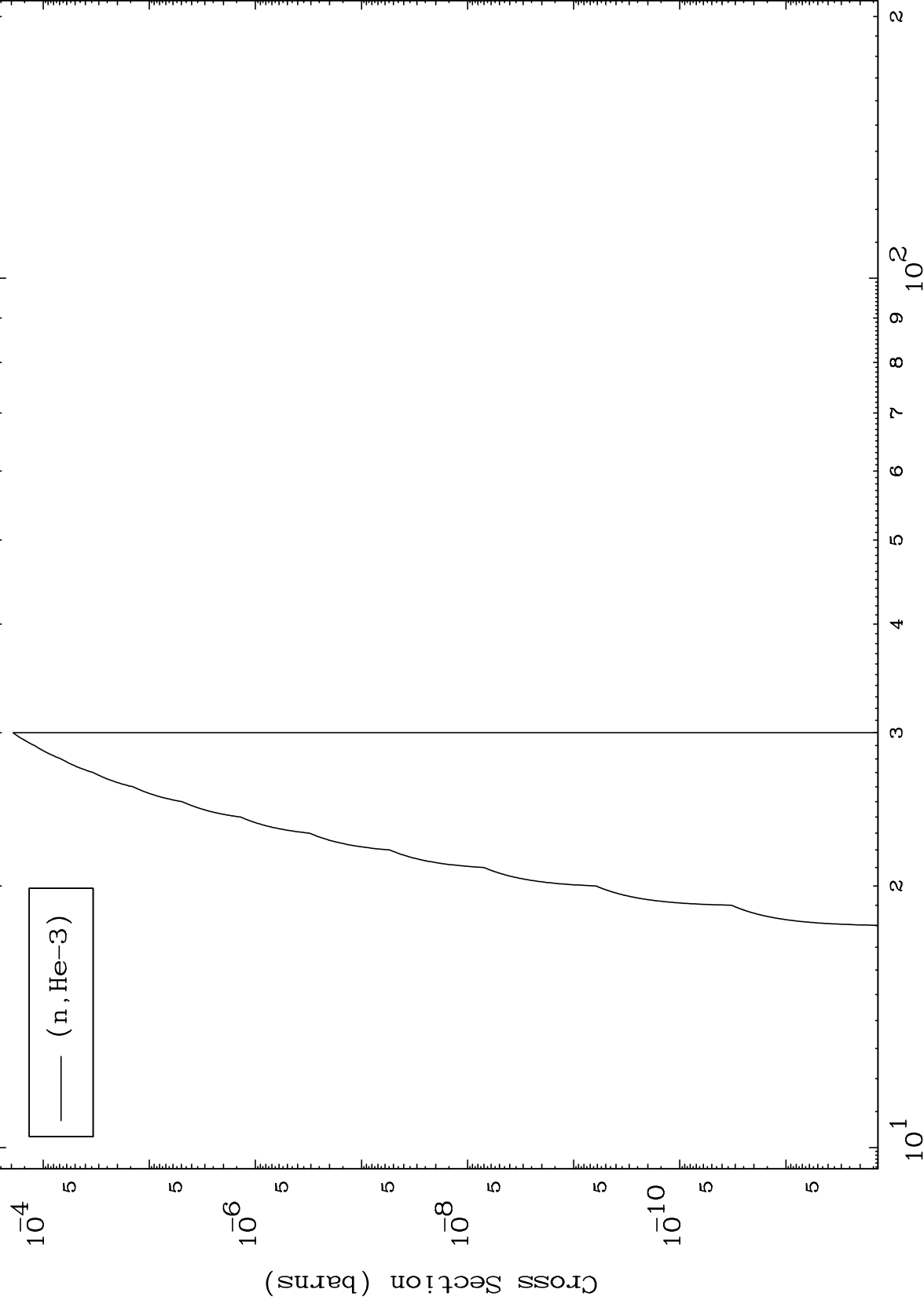
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-134



13

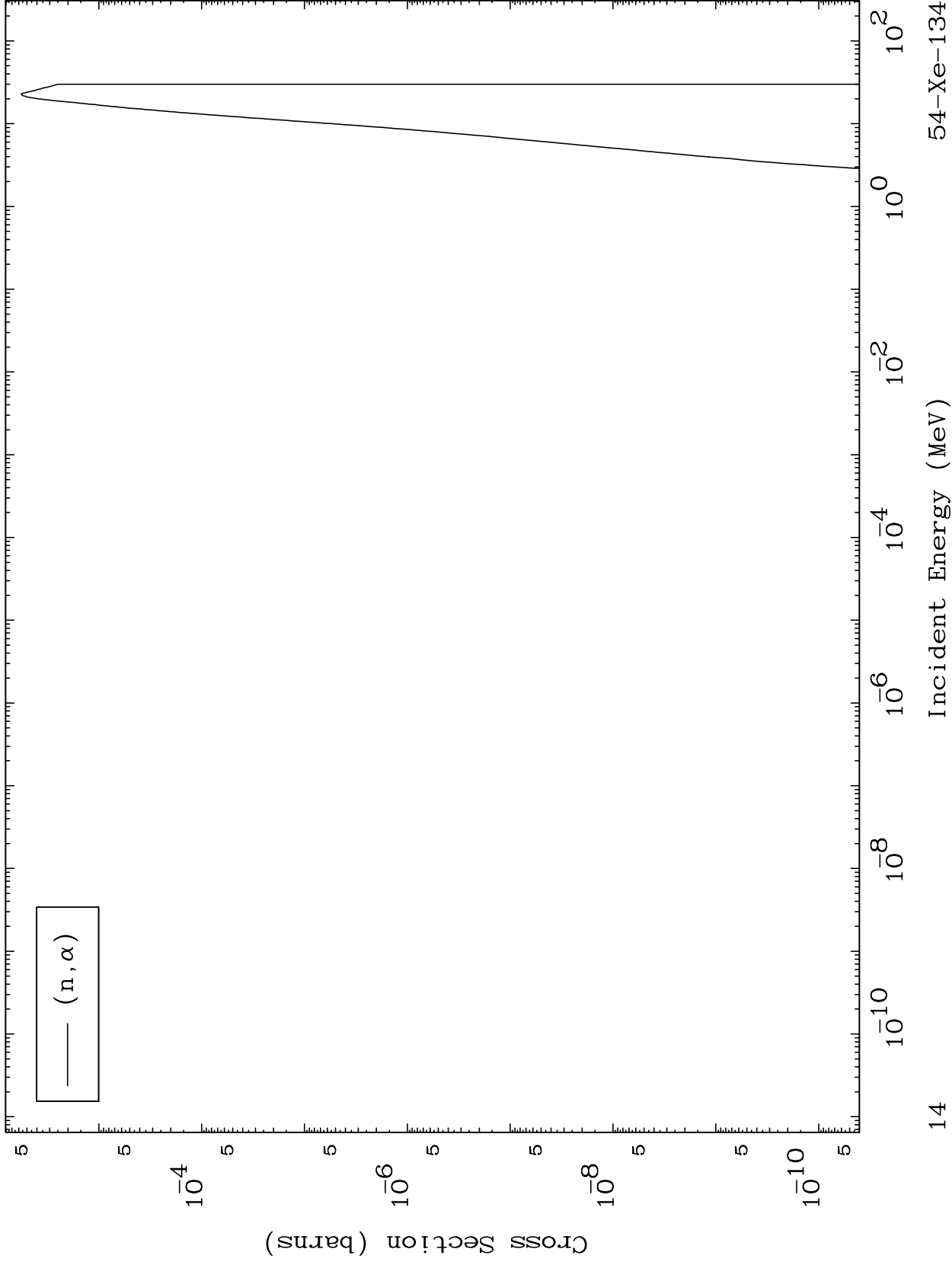
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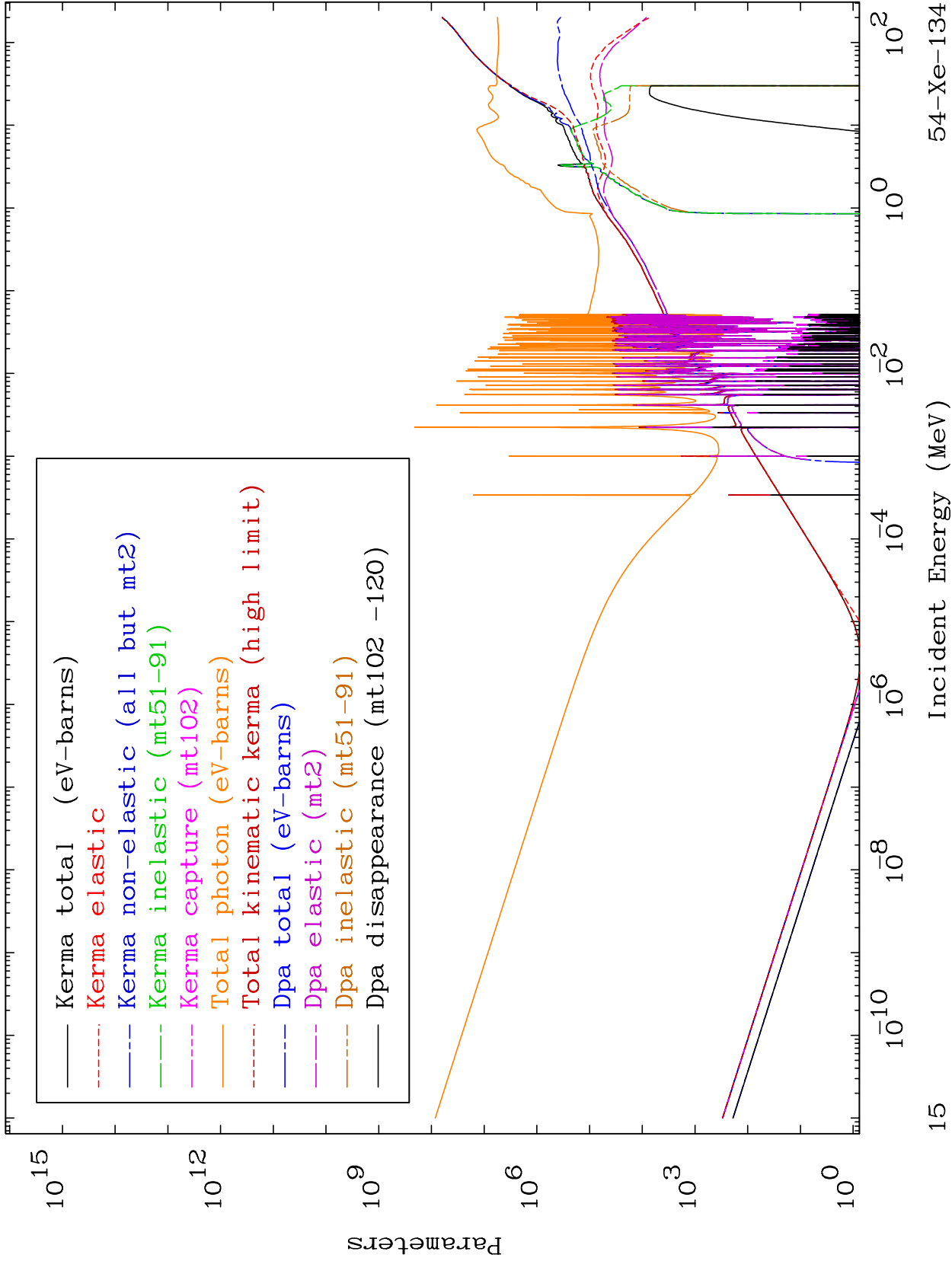
54-Xe-134

MAT 5455

(n, α) Levels
293 Kelvin Cross Sections

54-Xe-134

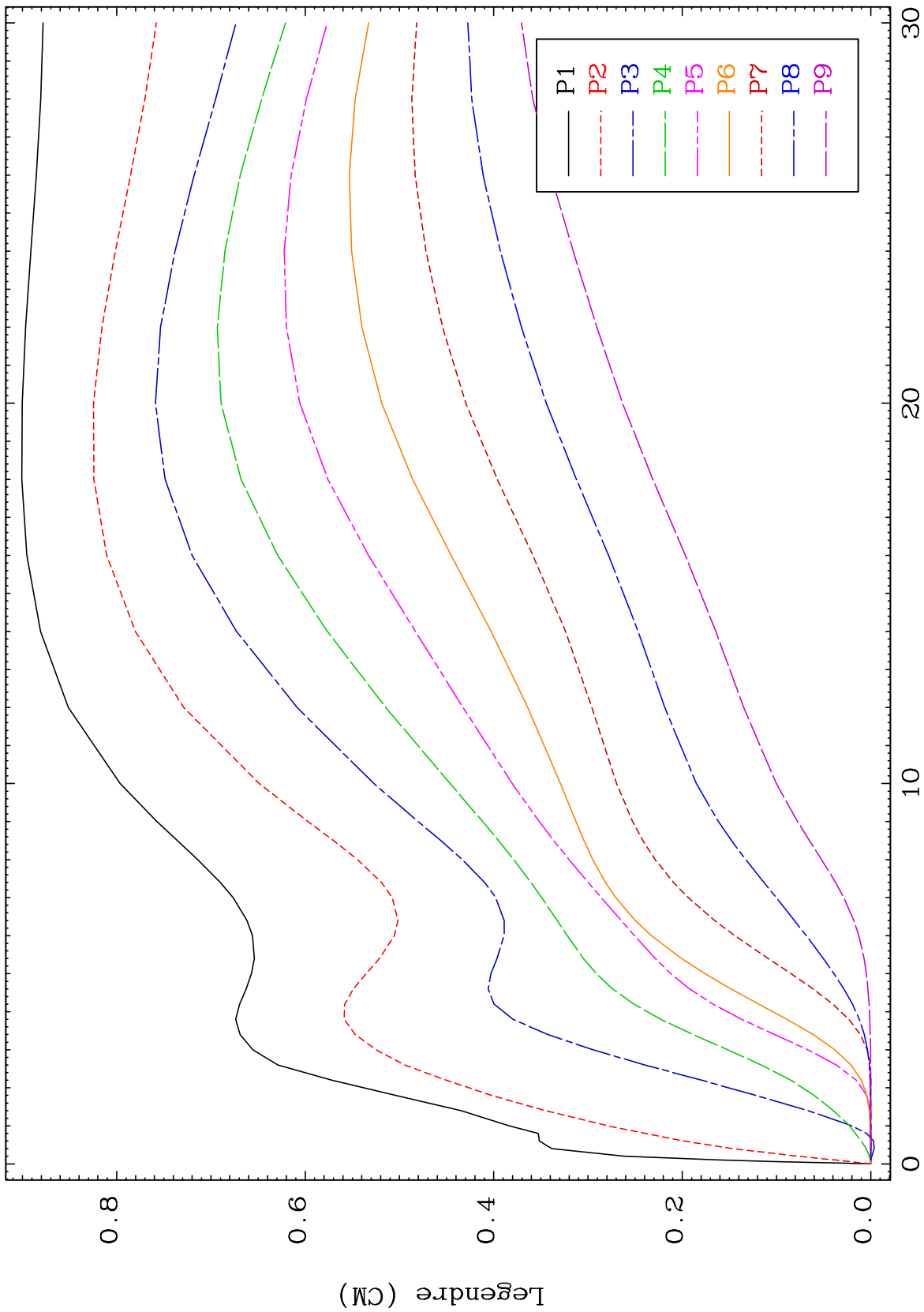




MAT 5455

54-Xe-134

Elastic Legendre Coefficients



16

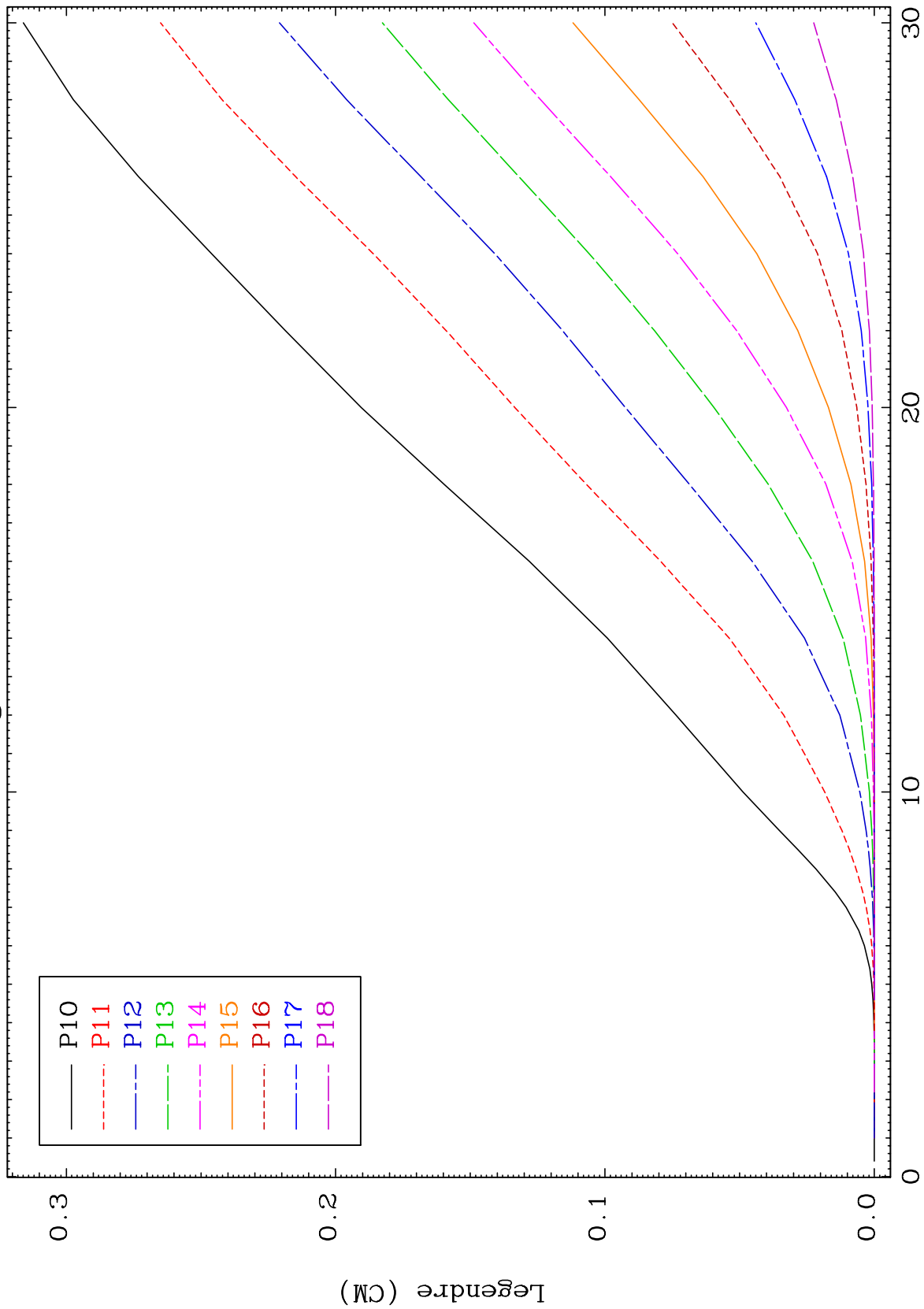
Incident Energy (MeV)

54-Xe-134

MAT 5455

Elastic Legendre Coefficients

54-Xe-134



17

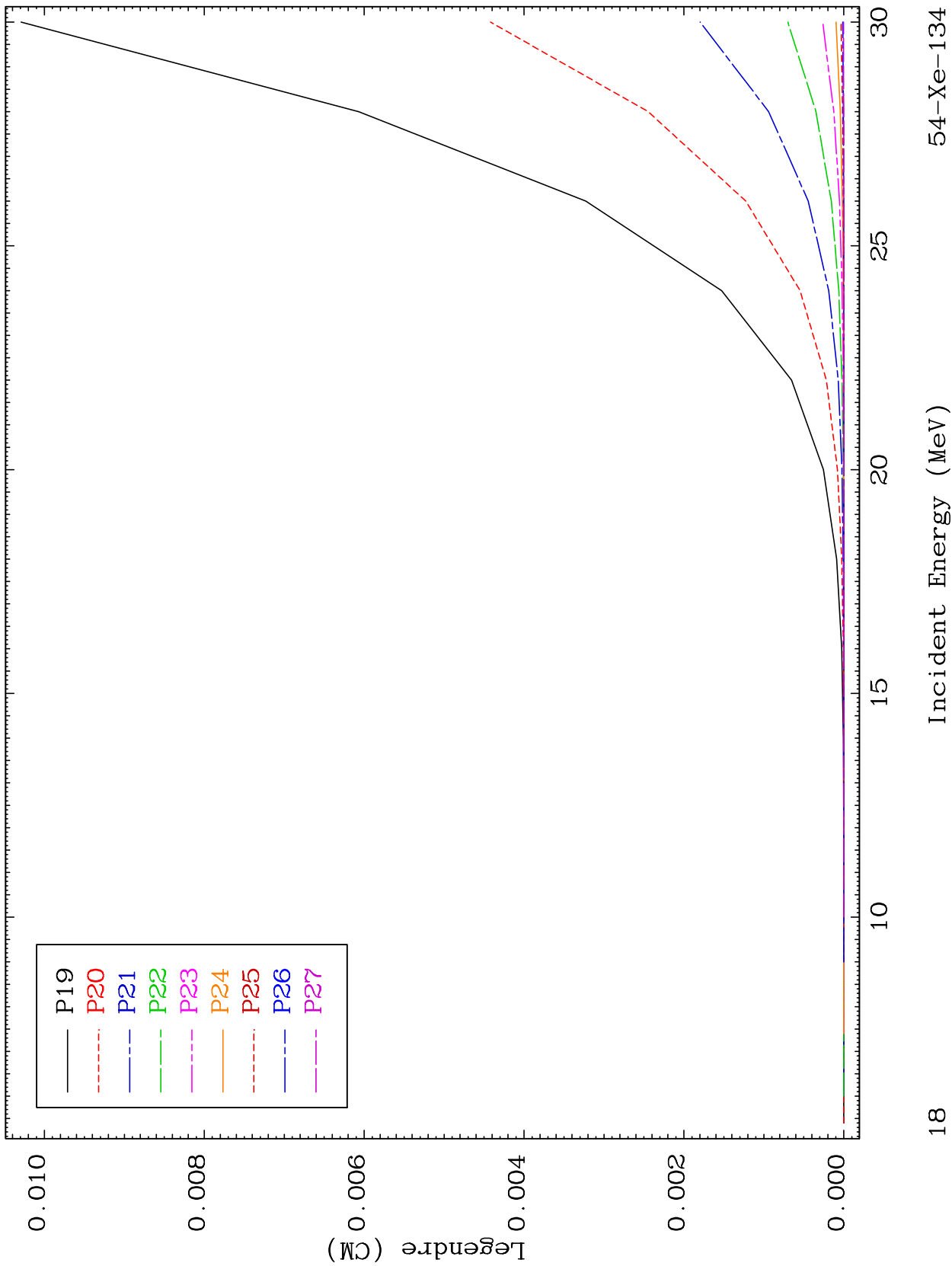
Incident Energy (MeV)

54-Xe-134

MAT 5455

Elastic Legendre Coefficients

54-Xe-134



18

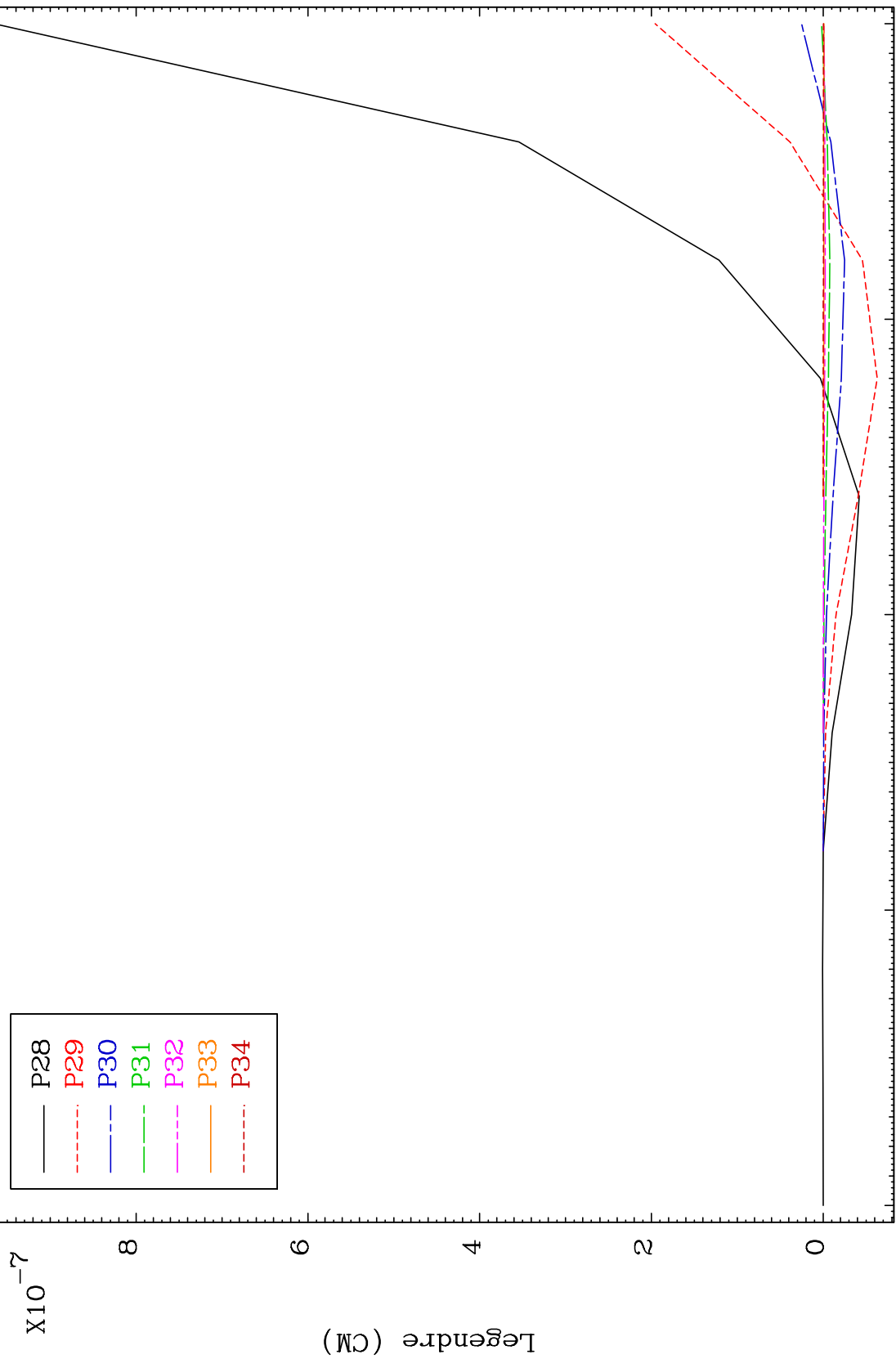
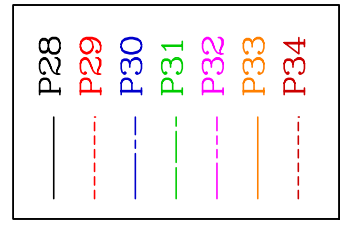
Incident Energy (MeV)

54-Xe-134

MAT 5455

Elastic Legendre Coefficients

54-Xe-134



19

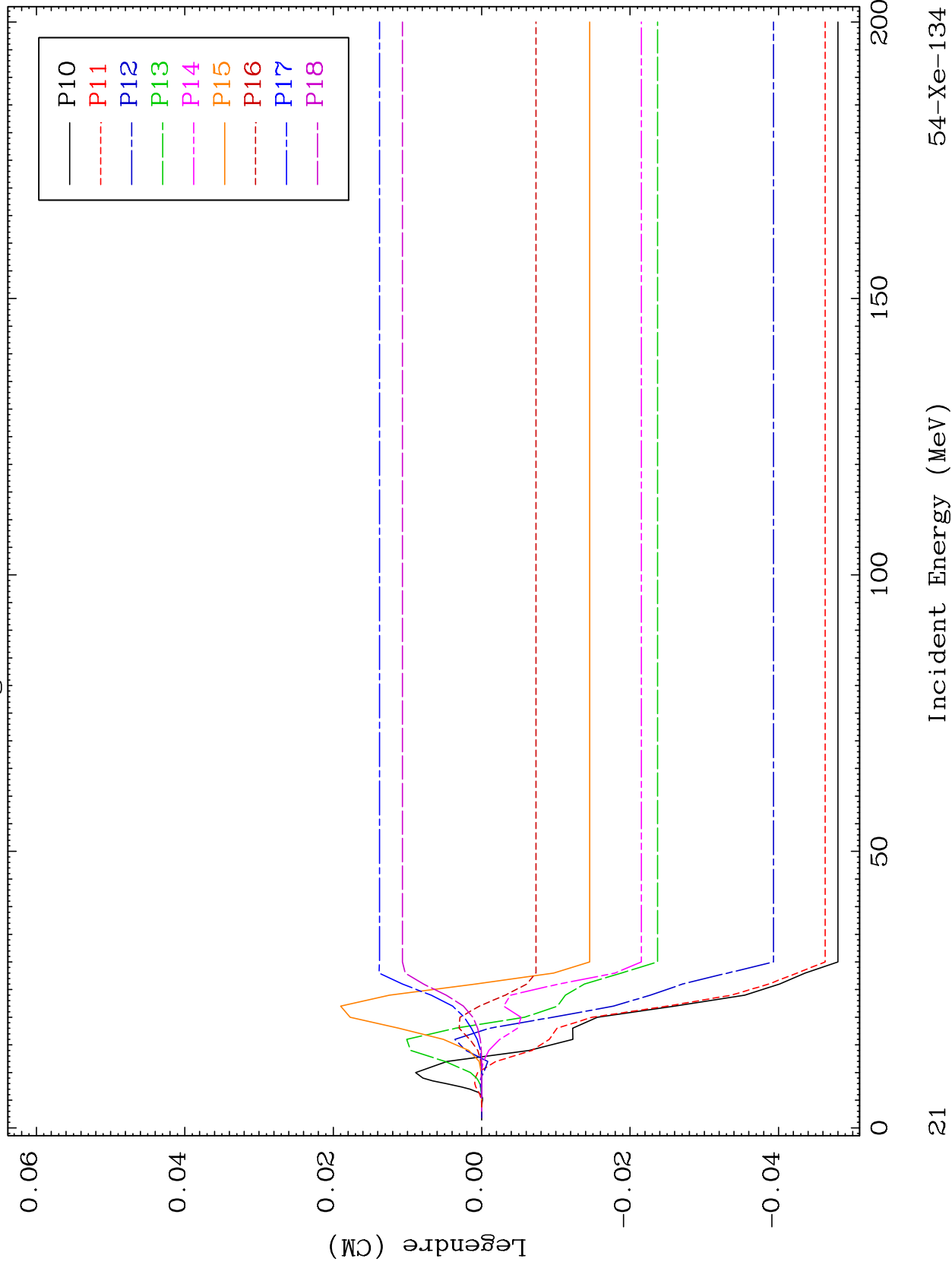
Incident Energy (MeV)

54-Xe-134

MAT 5455

847.0 keV (n,n') Level
Legendre Coefficients

54-Xe-134



21

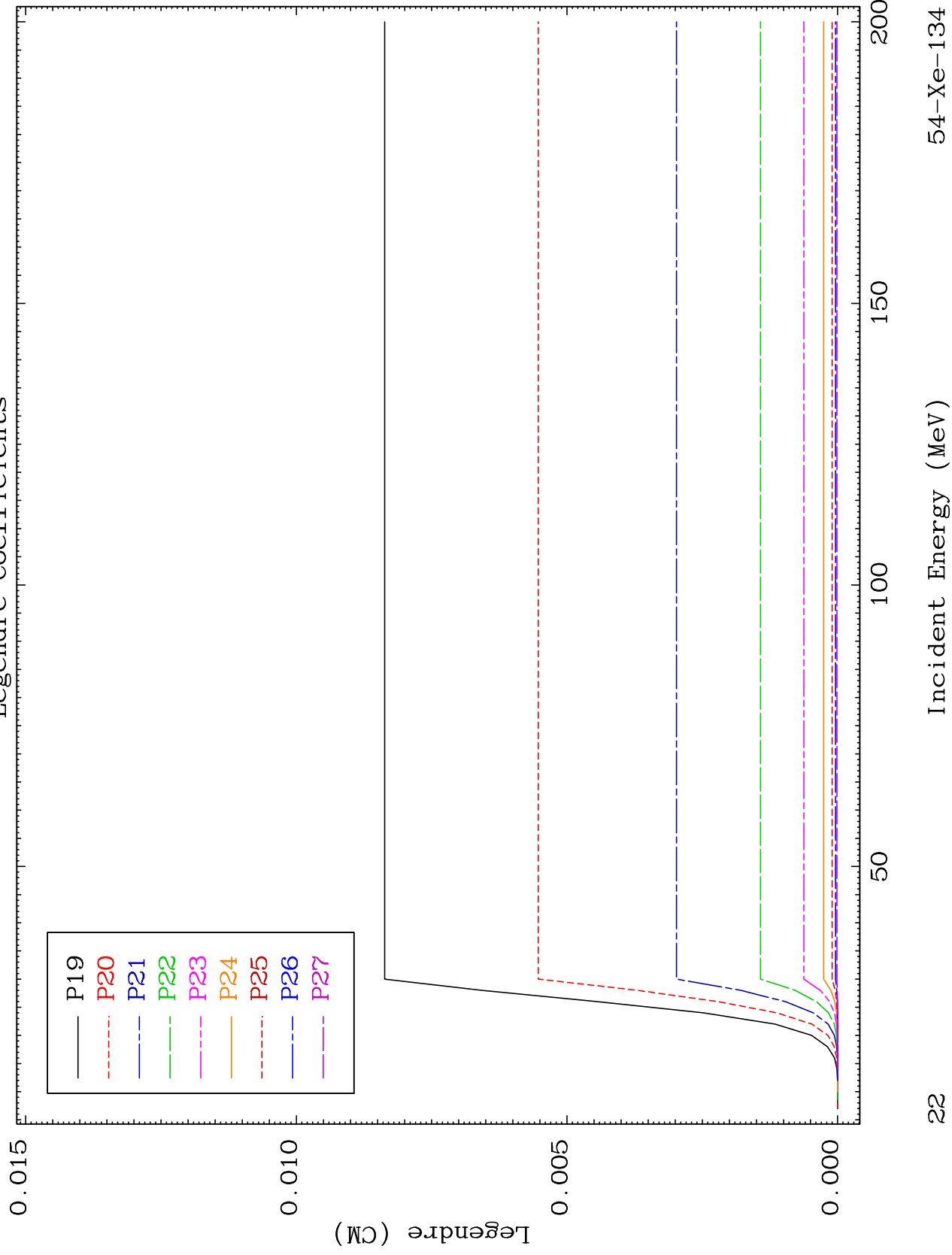
Incident Energy (MeV)

54-Xe-134

MAT 5455

847.0 keV (n,n') Level
Legendre Coefficients

54-Xe-134



22

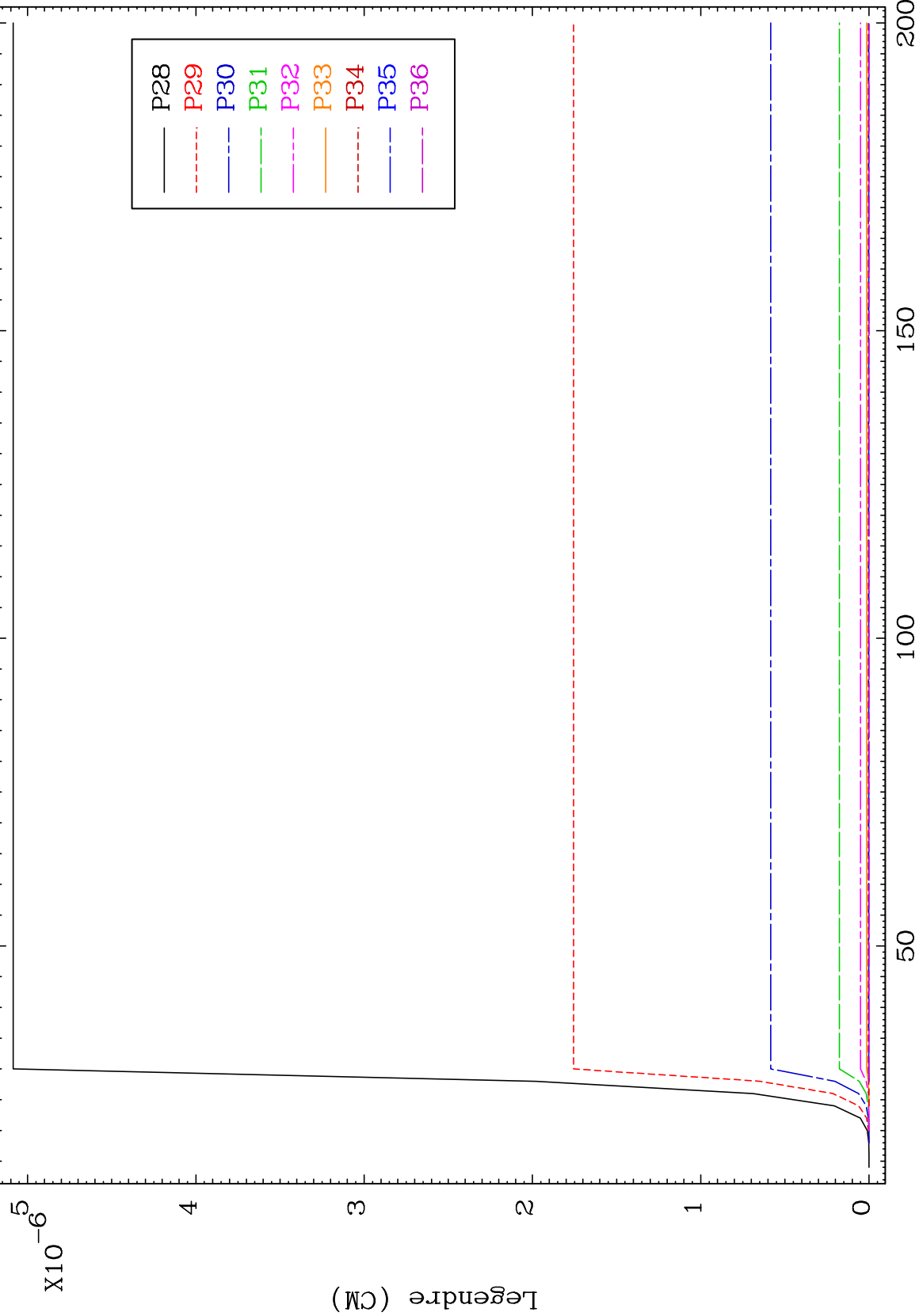
Incident Energy (MeV)

54-Xe-134

MAT 5455

847.0 keV (n, n') Level
Legendre Coefficients

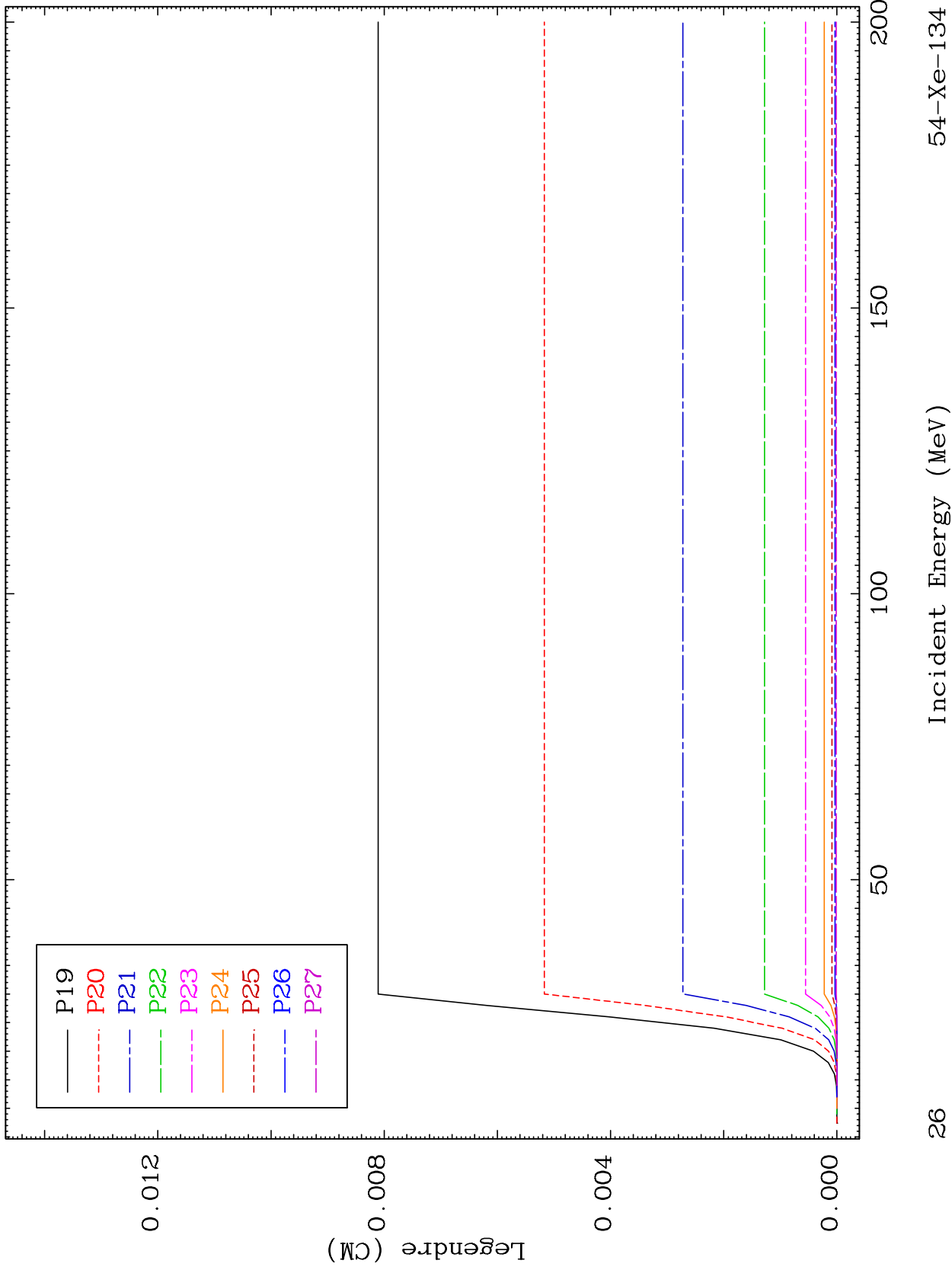
54-Xe-134



23

Incident Energy (MeV)

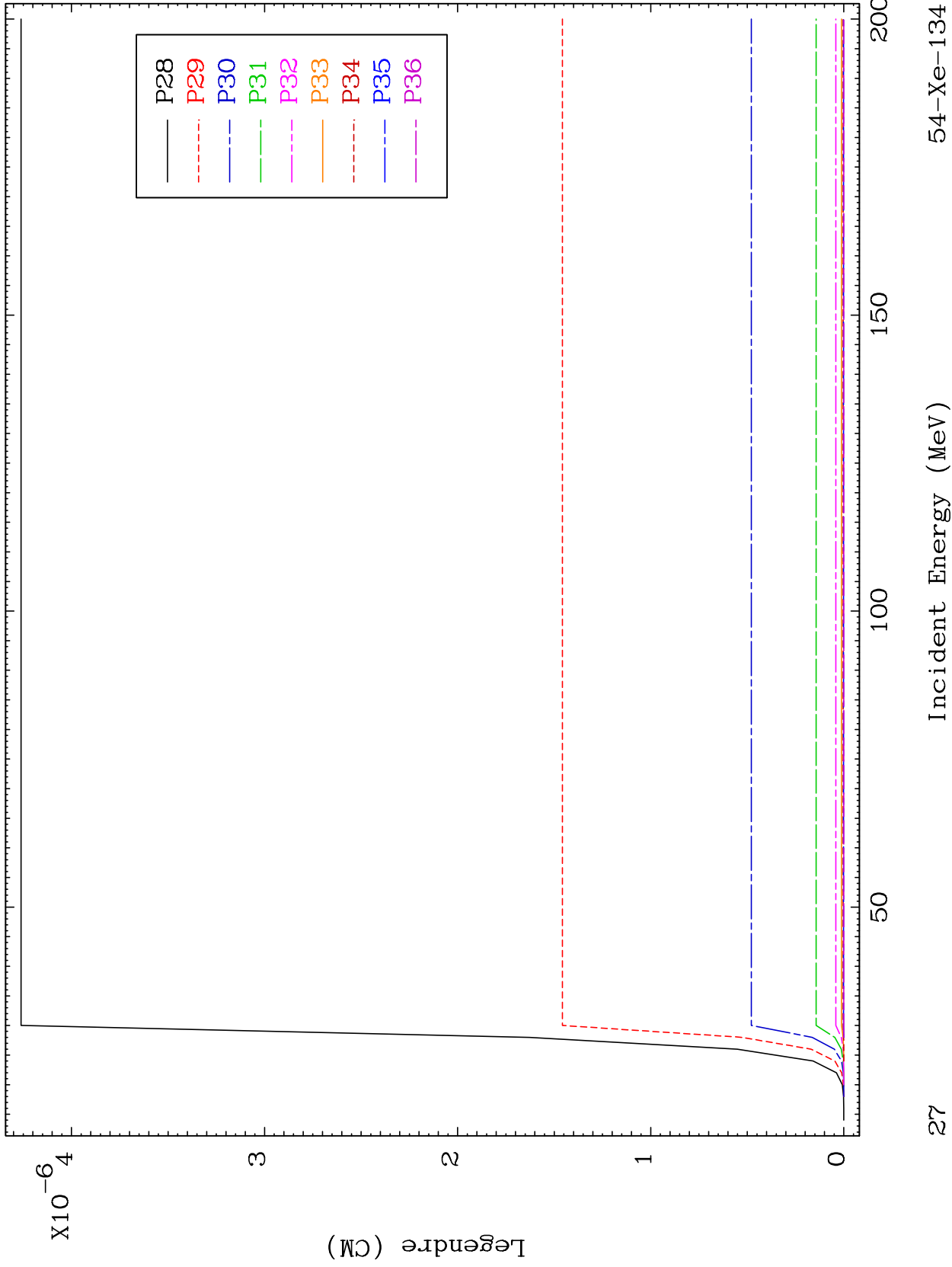
54-Xe-134



MAT 5455

1.614 MeV (n, n') Level
Legendre Coefficients

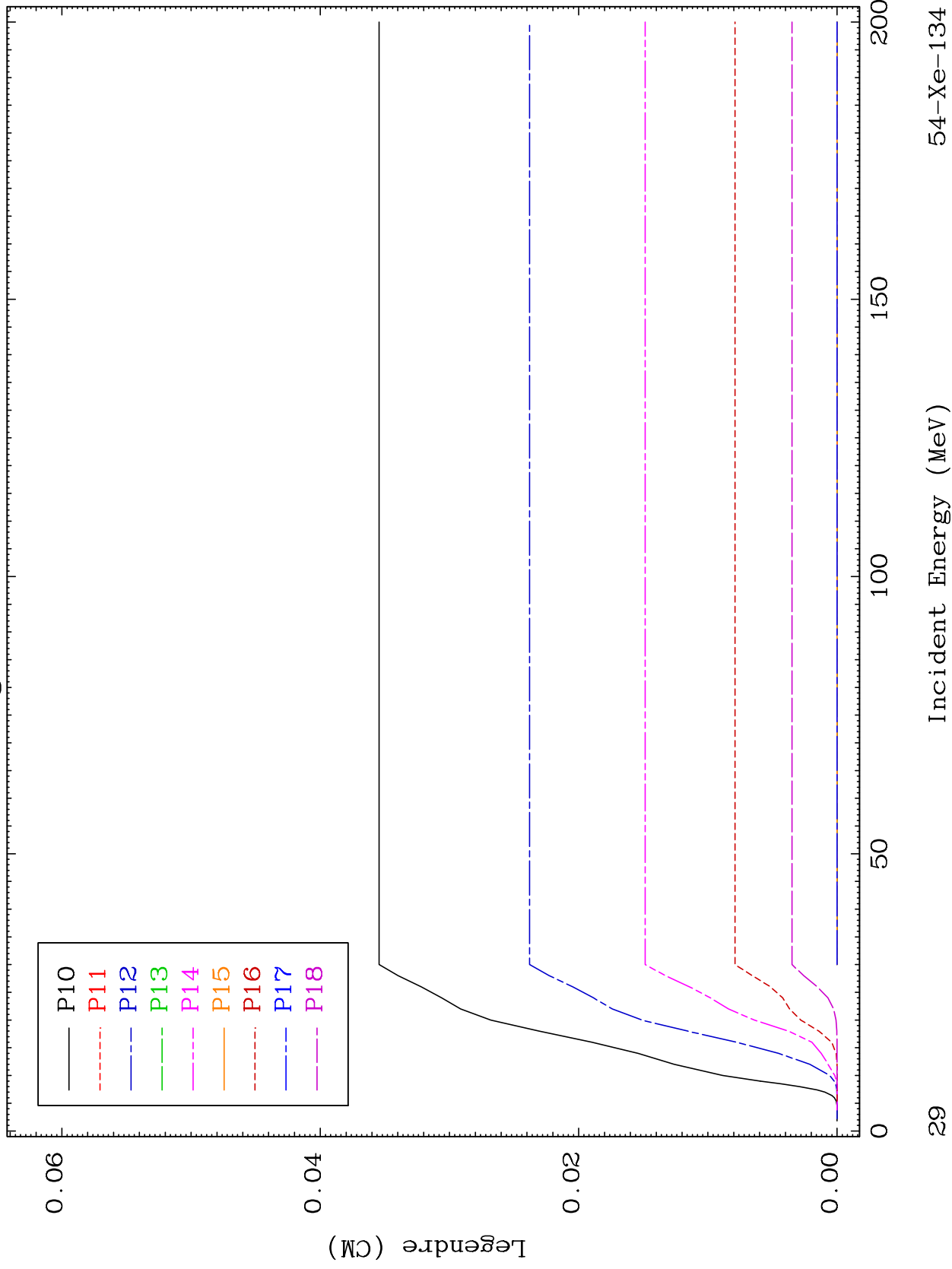
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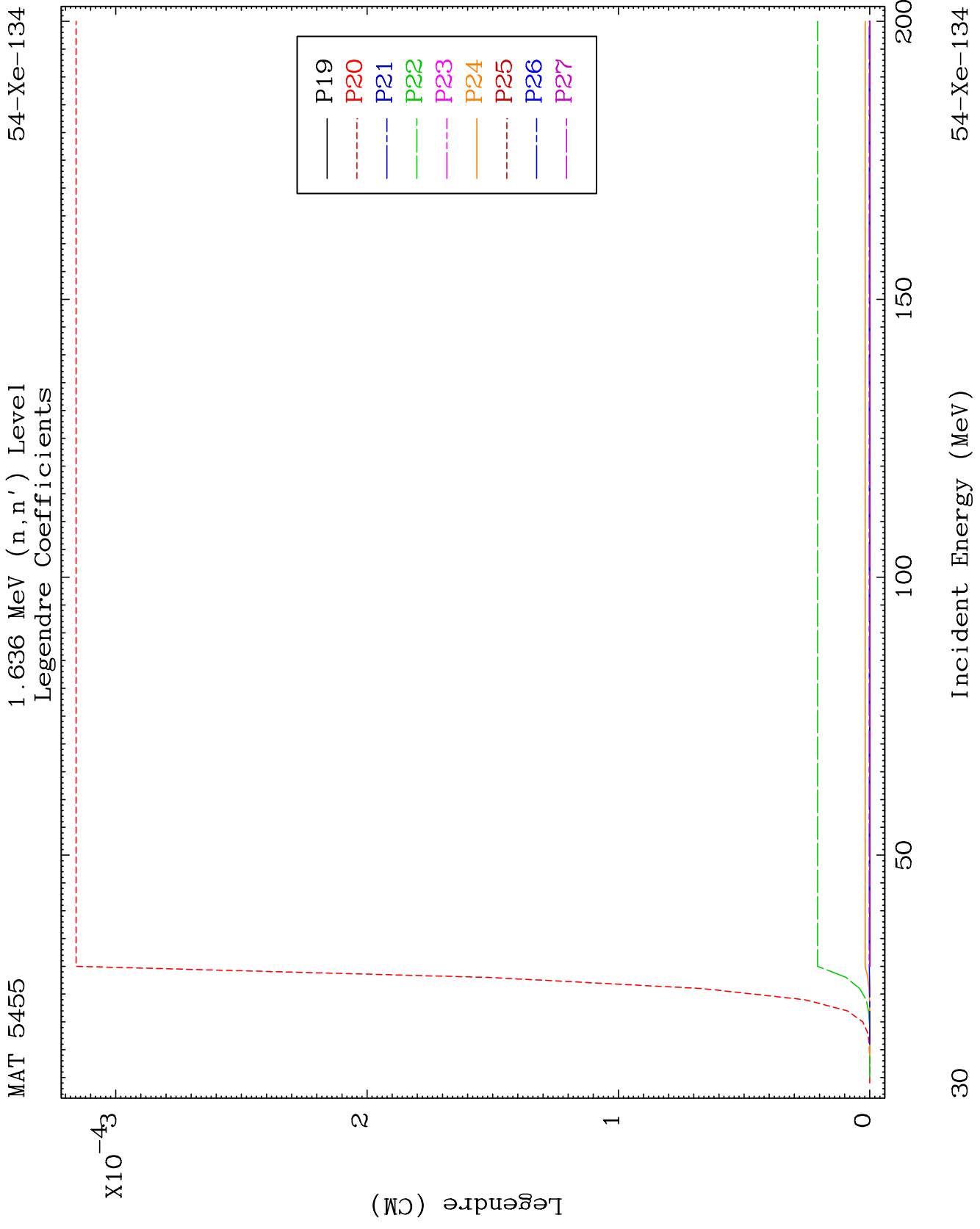


MAT 5455

1.636 MeV (n,n') Level
Legendre Coefficients

54-Xe-134

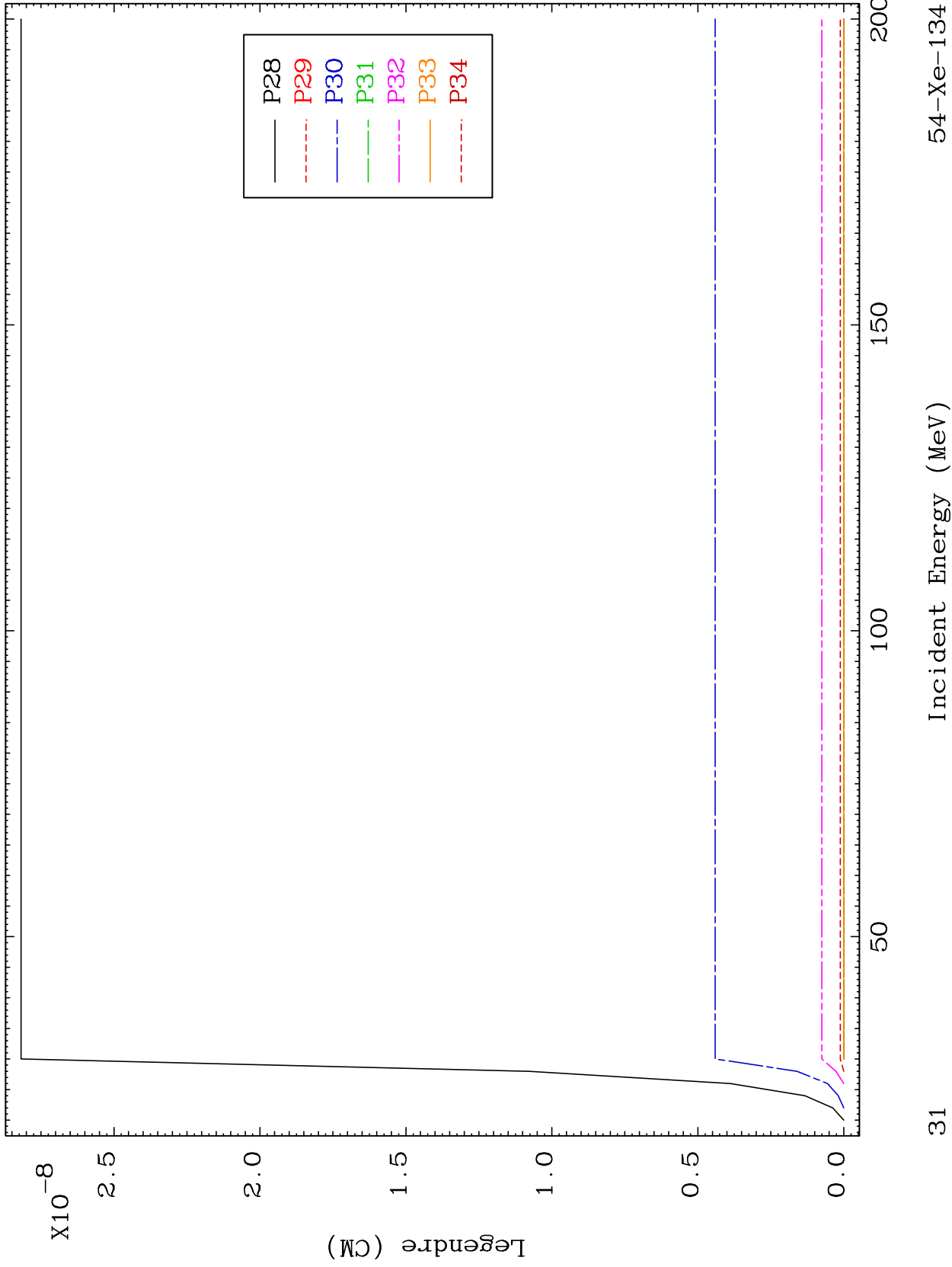




MAT 5455

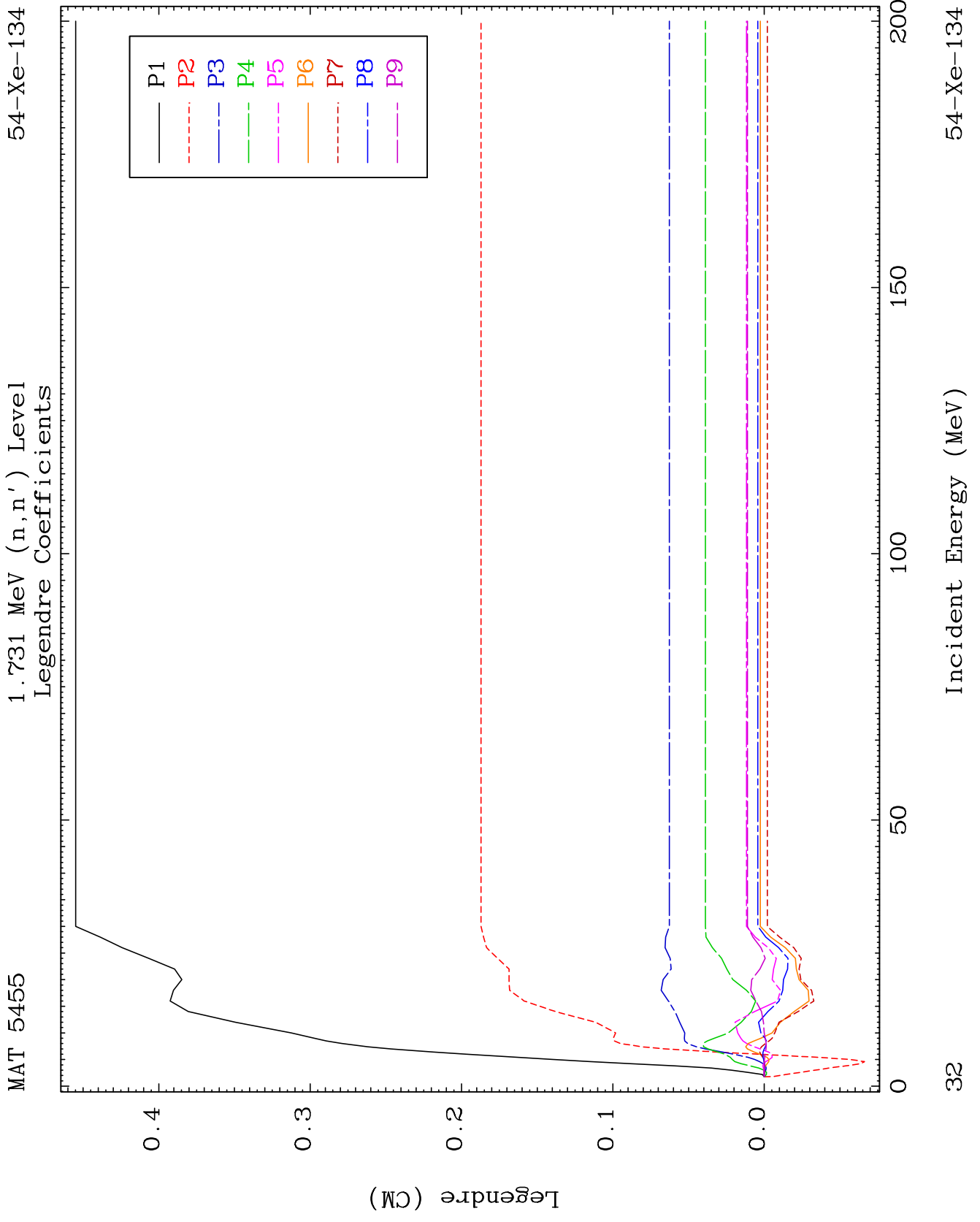
1.636 MeV (n,n') Level
Legendre Coefficients

54-Xe-134



31

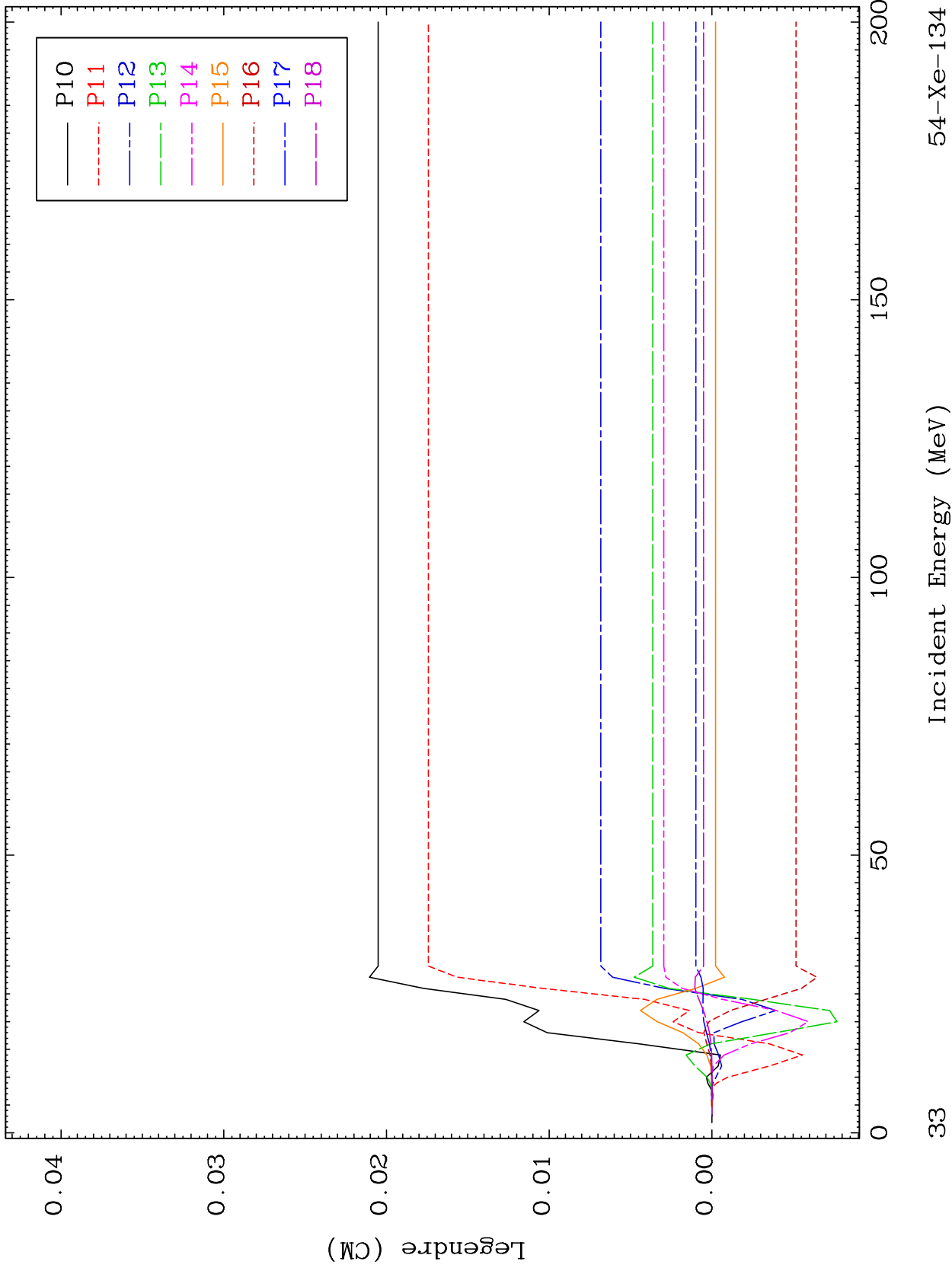
54-Xe-134



MAT 5455

1.731 MeV (n,n') Level
Legendre Coefficients

54-Xe-134



33

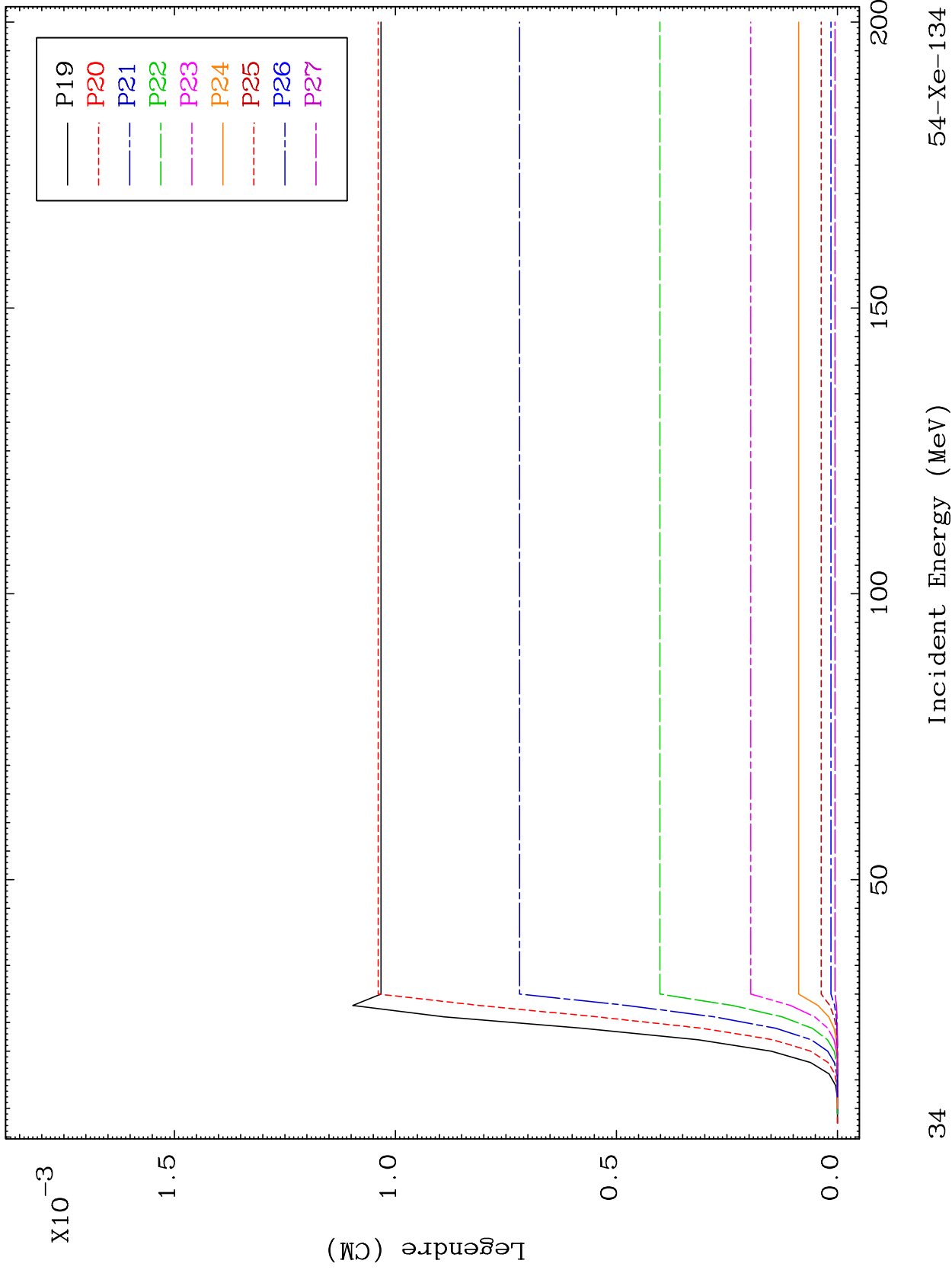
Incident Energy (MeV)

54-Xe-134

MAT 5455

1.731 MeV (n,n') Level
Legendre Coefficients

54-Xe-134



34

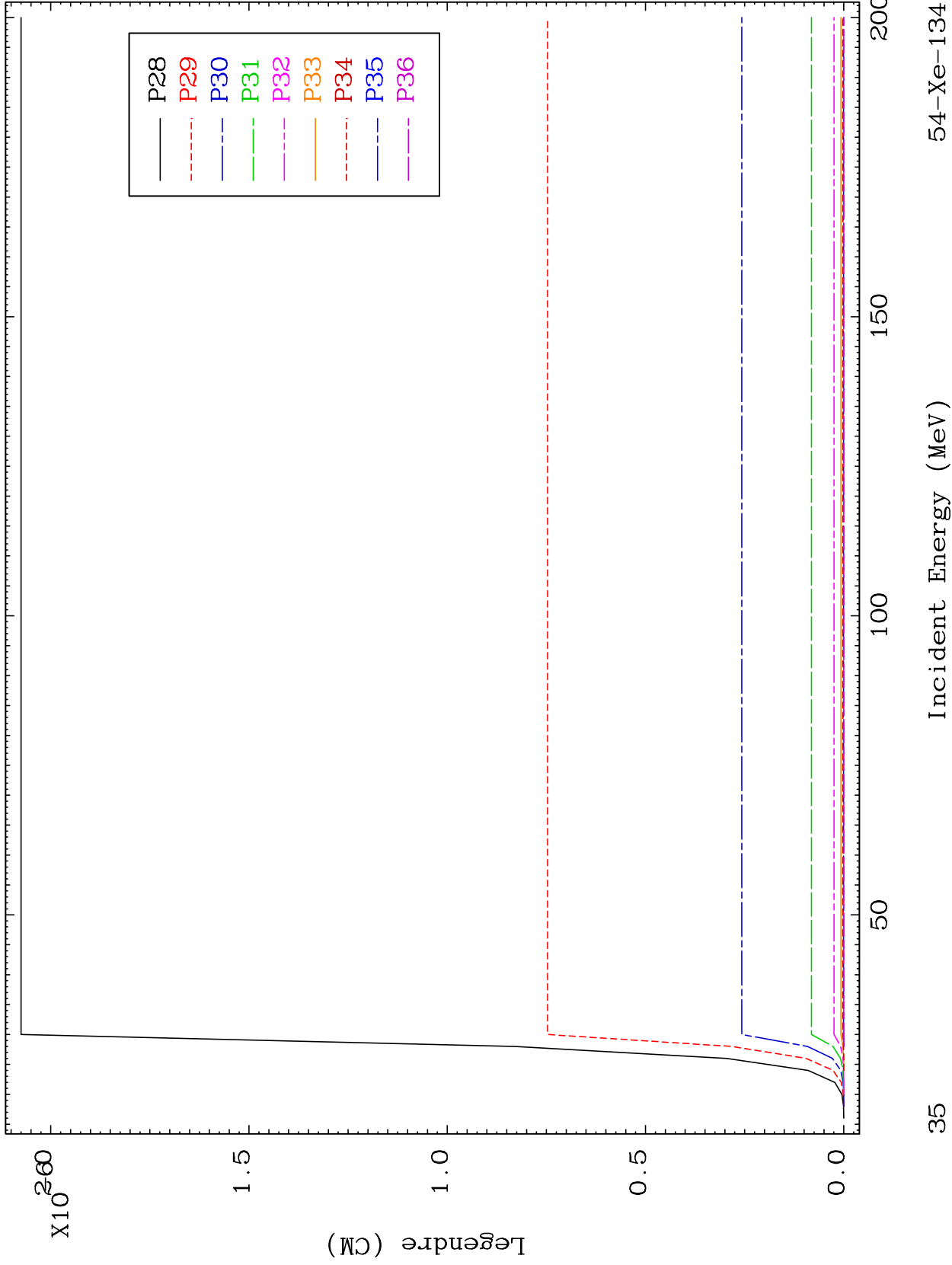
Incident Energy (MeV)

54-Xe-134

MAT 5455

1.731 MeV (n,n') Level
Legendre Coefficients

54-Xe-134



35

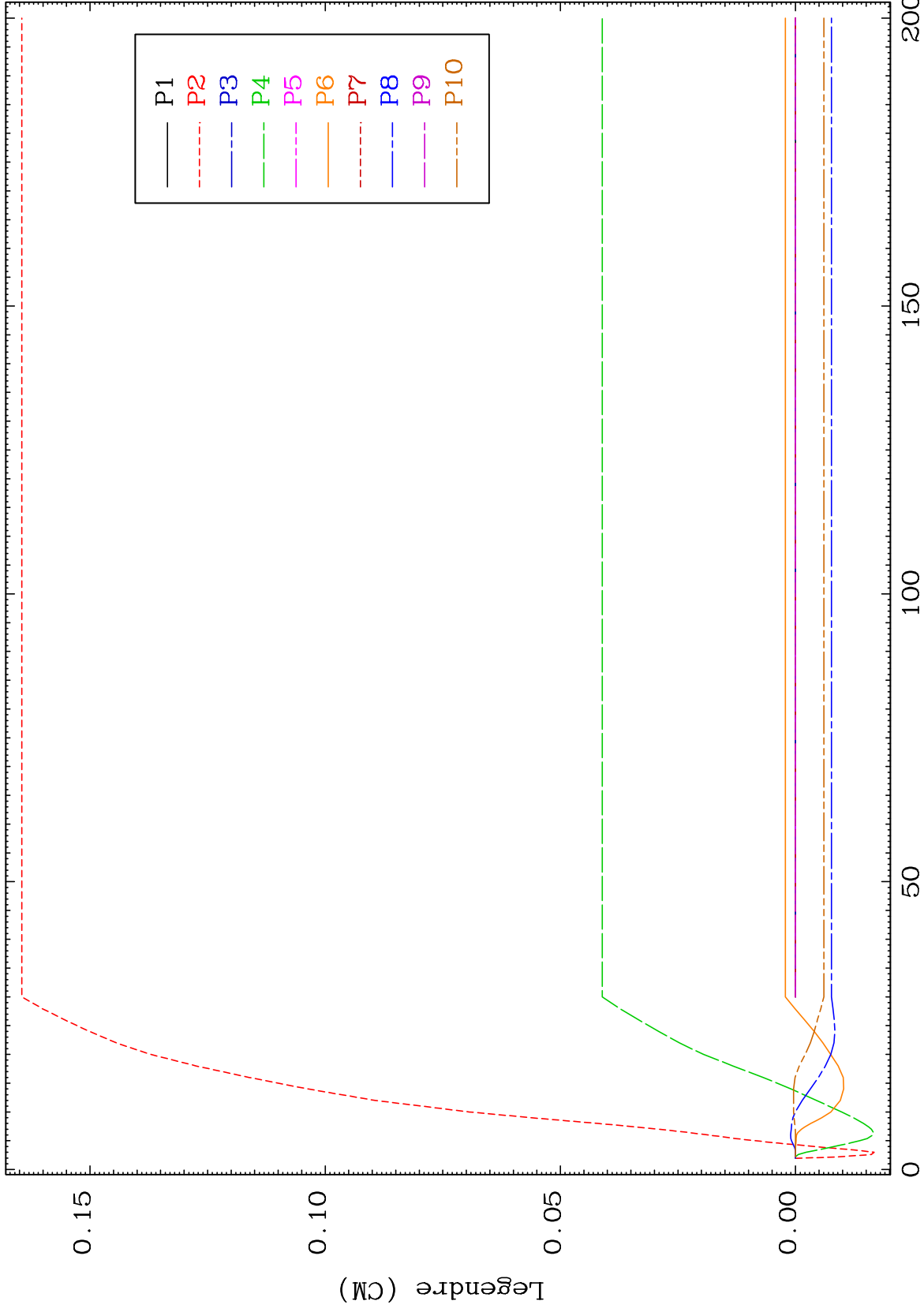
Incident Energy (MeV)

54-Xe-134

MAT 5455

1.920 MeV (n,n') Level
Legendre Coefficients

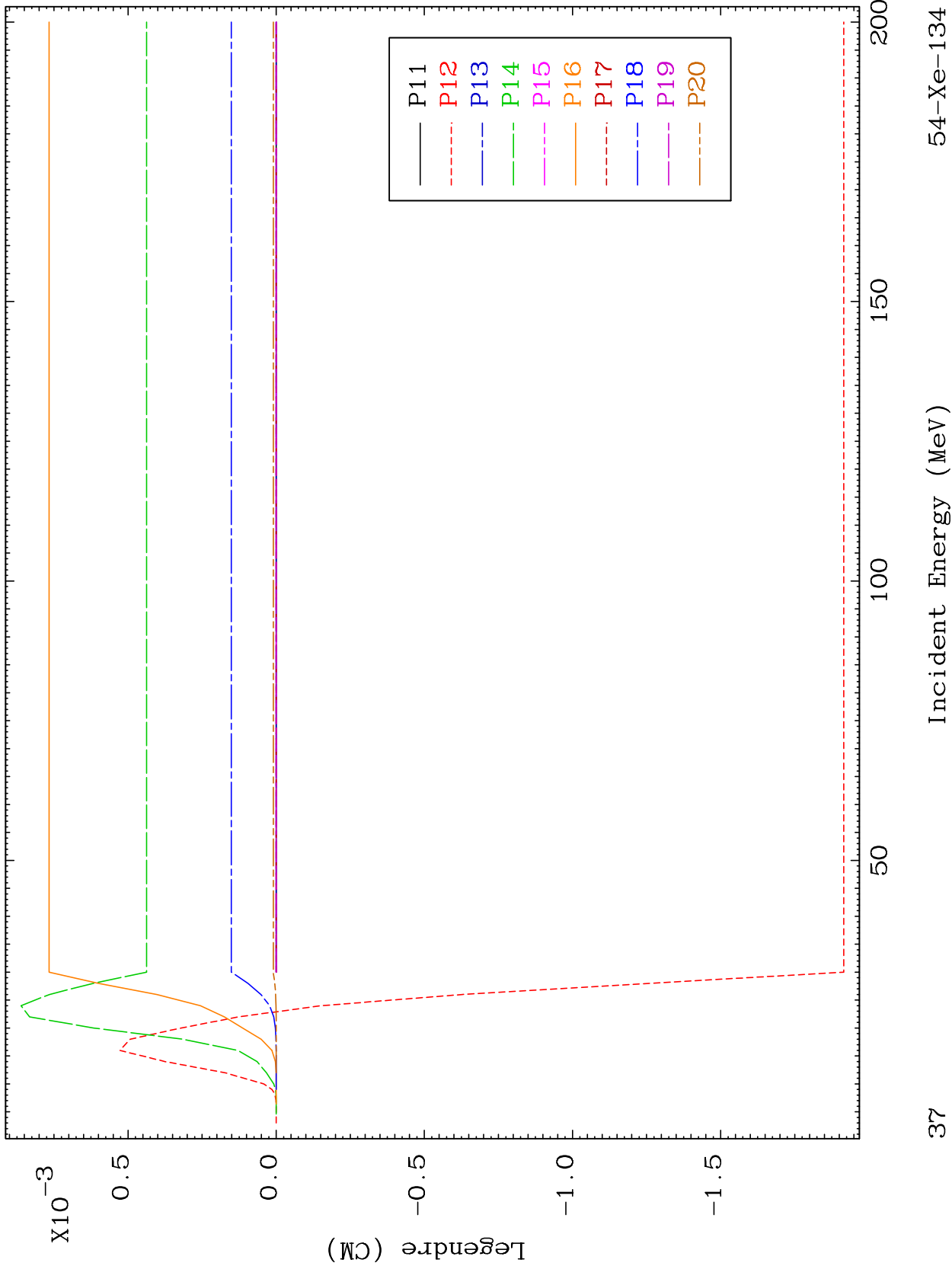
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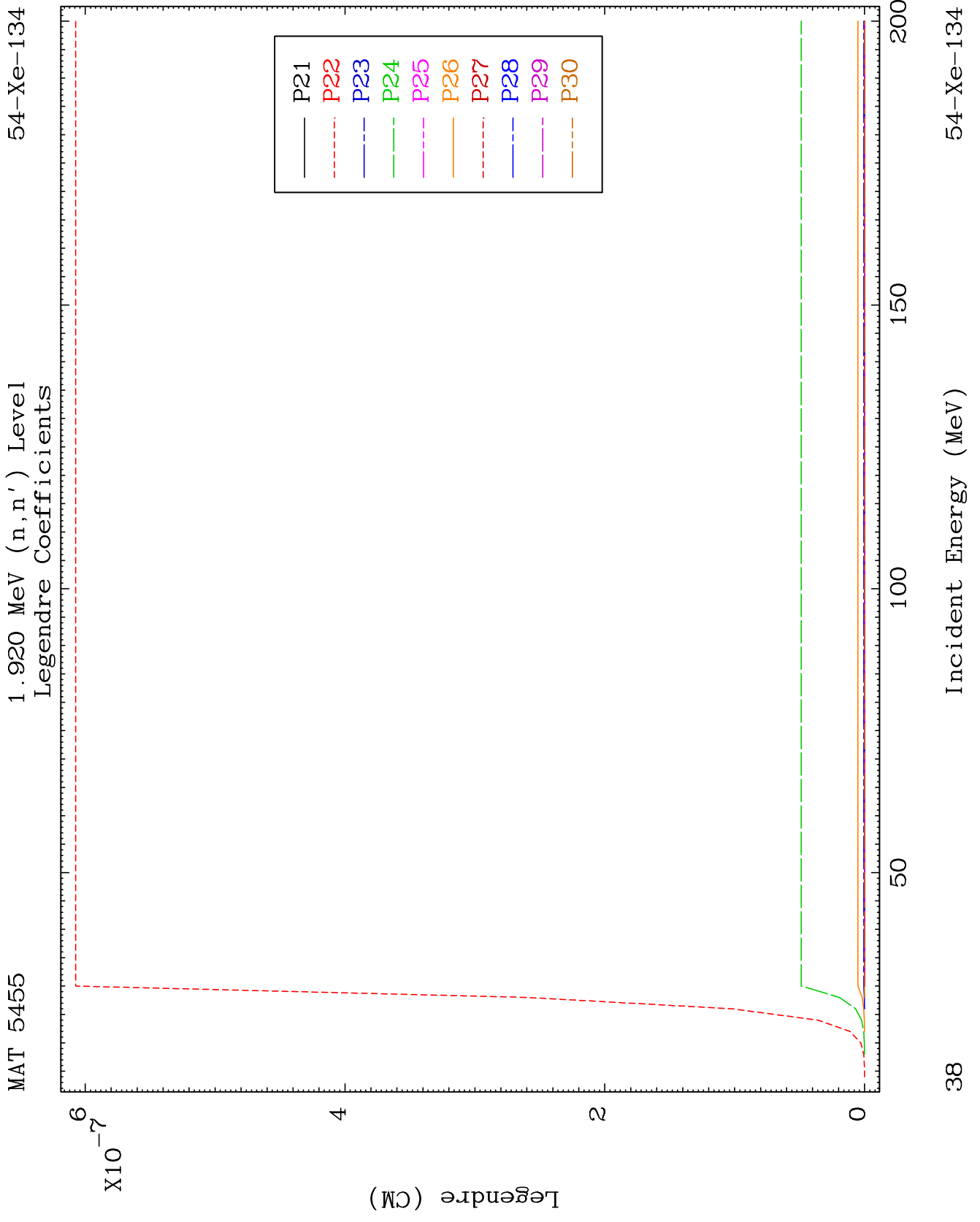


36

Incident Energy (MeV)

54-Xe-134

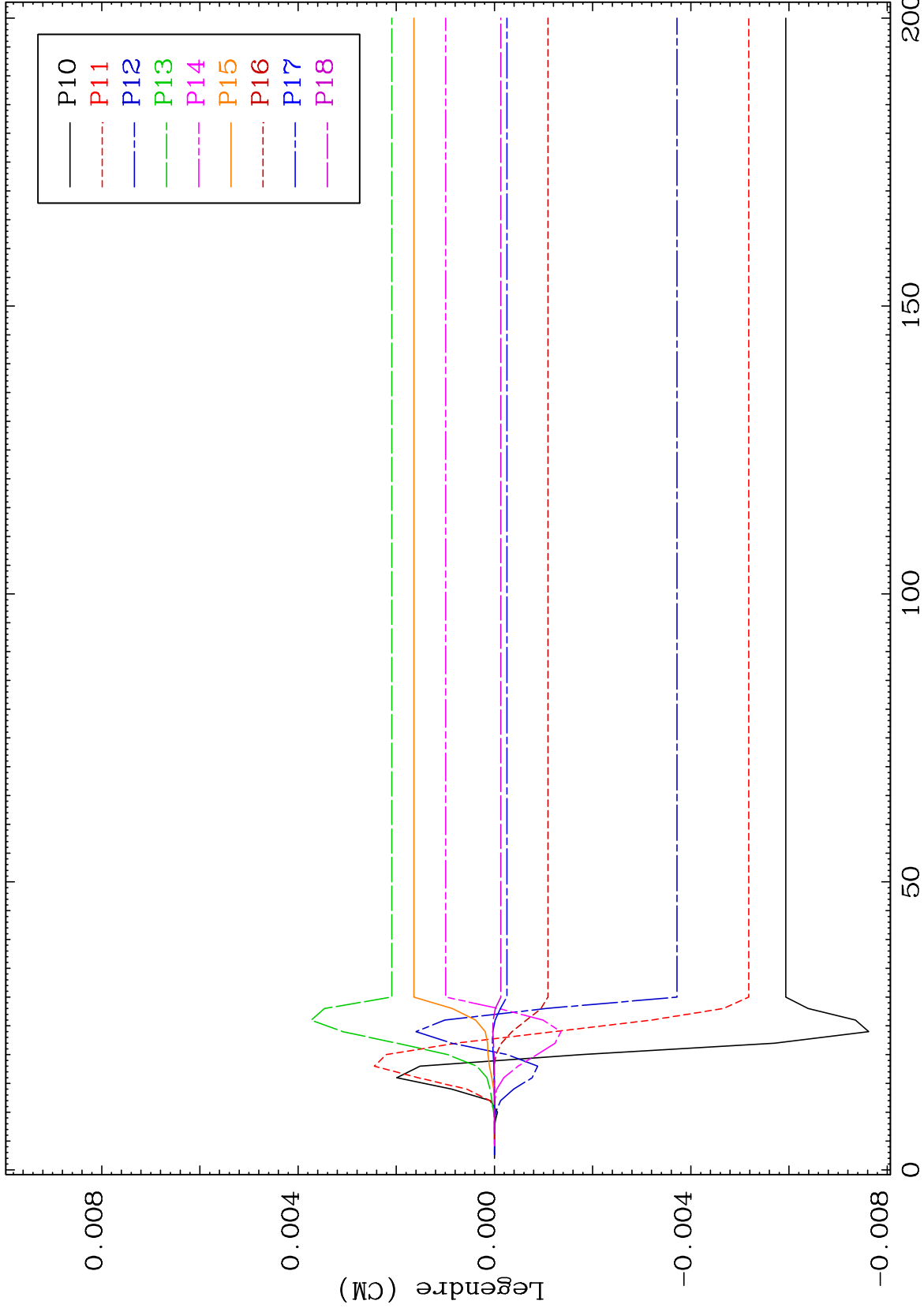




MAT 5455

1.965 MeV (n,n') Level
Legendre Coefficients

54-Xe-134



43

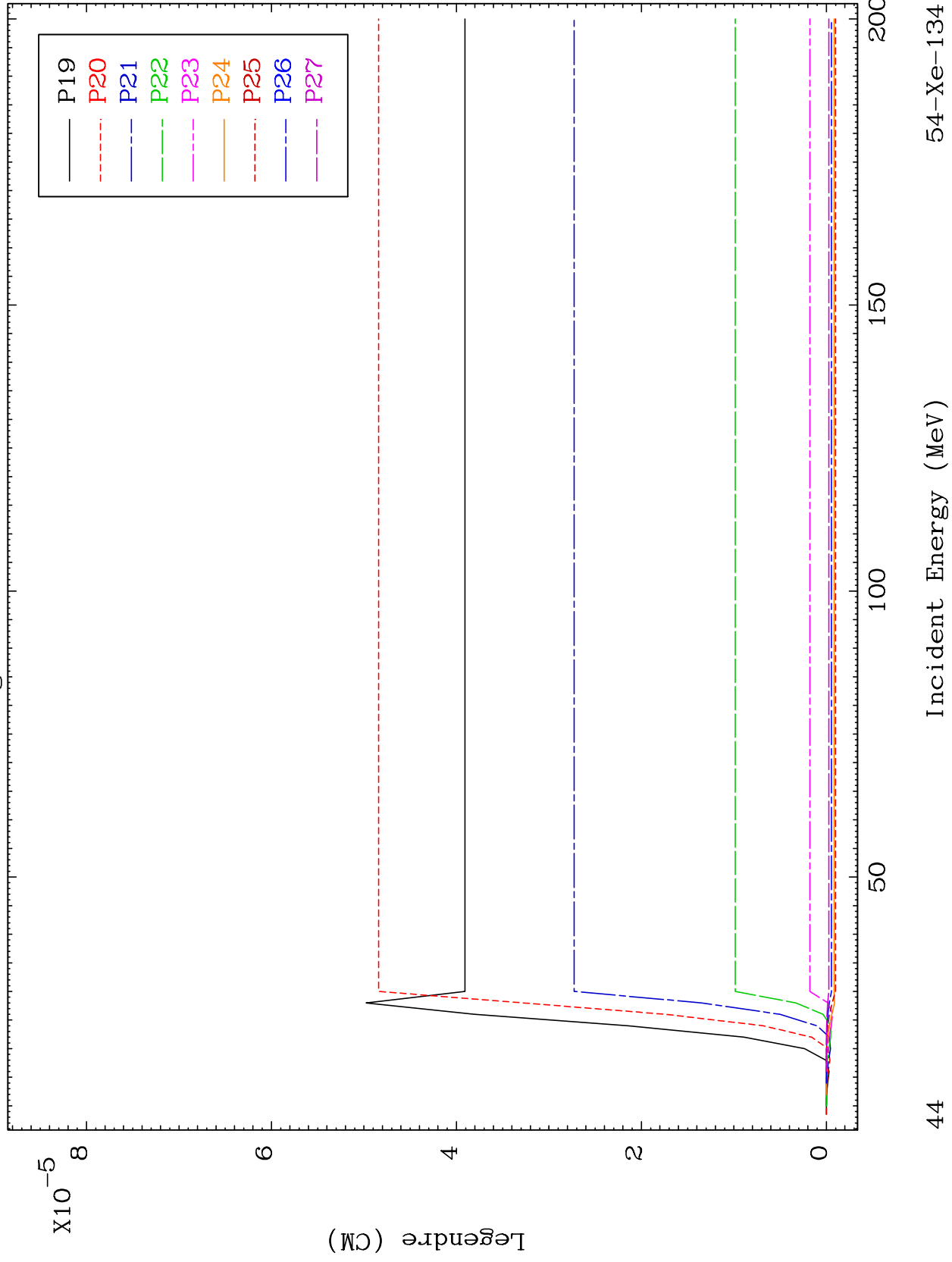
Incident Energy (MeV)

54-Xe-134

MAT 5455

1.965 MeV (n,n') Level
Legendre Coefficients

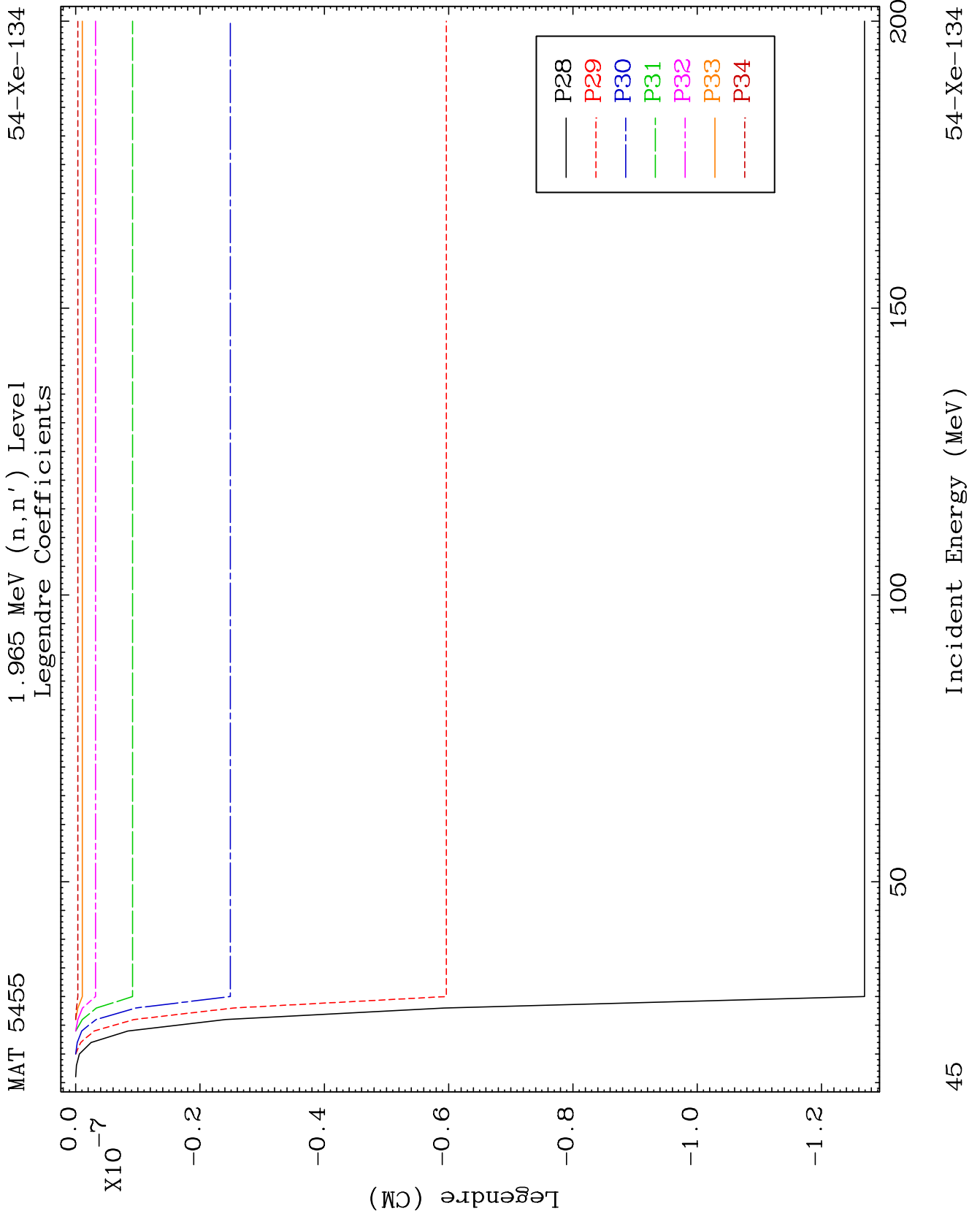
54-Xe-134



44

Incident Energy (MeV)

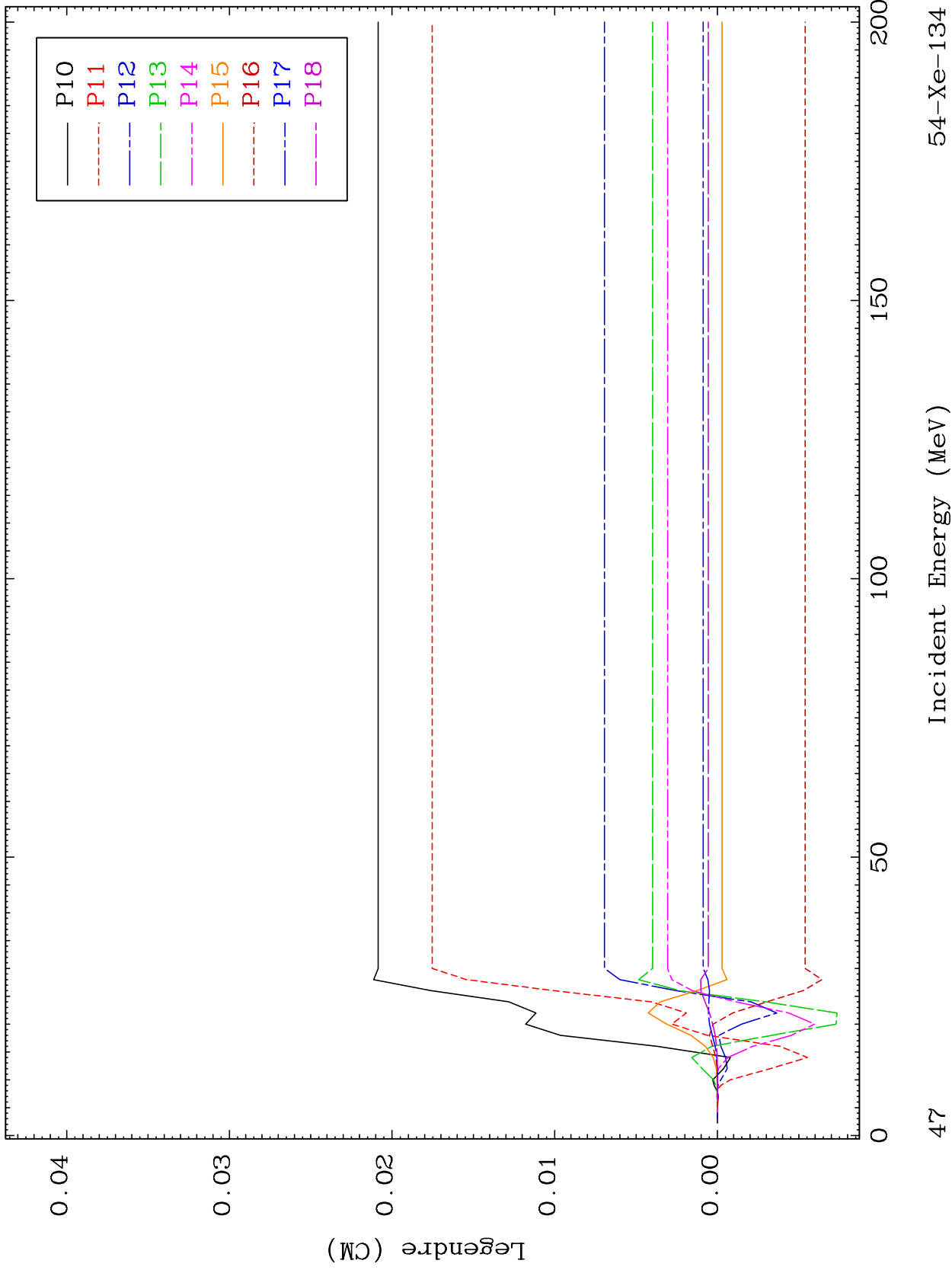
54-Xe-134



MAT 5455

2.082 MeV (n,n') Level
Legendre Coefficients

54-Xe-134



47

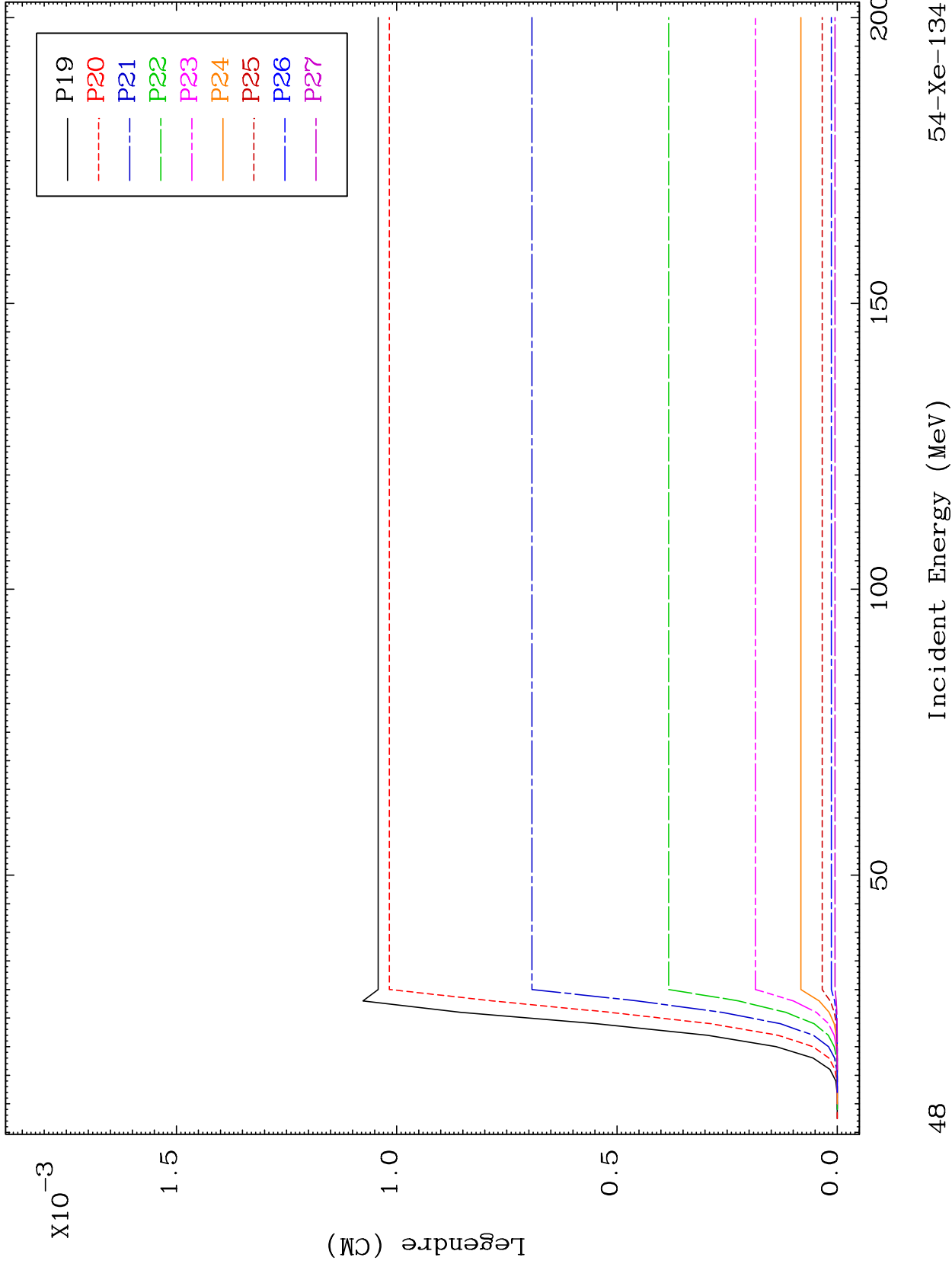
Incident Energy (MeV)

54-Xe-134

MAT 5455

2.082 MeV (n,n') Level
Legendre Coefficients

54-Xe-134



48

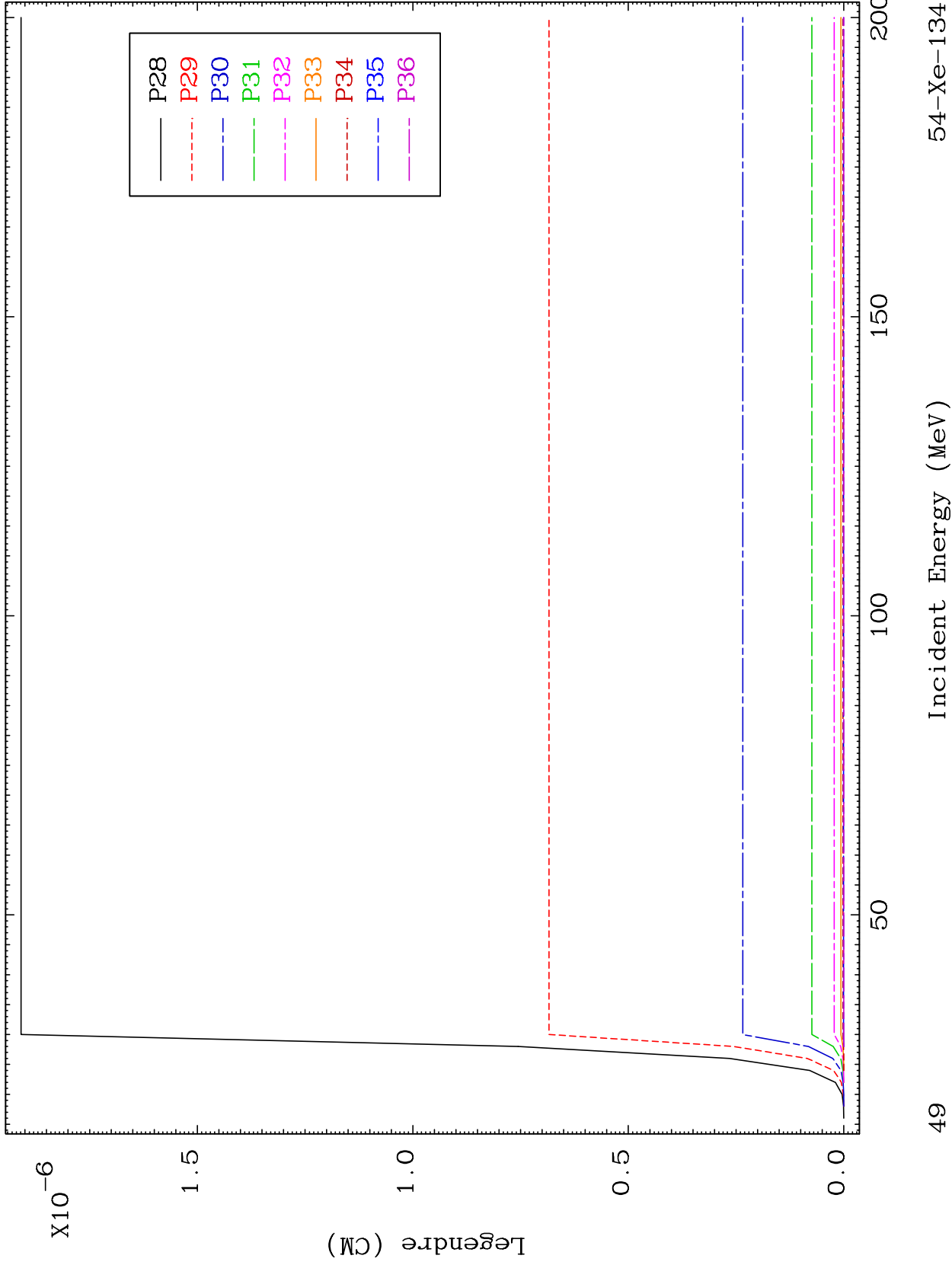
Incident Energy (MeV)

54-Xe-134

MAT 5455

2.082 MeV (n, n') Level
Legendre Coefficients

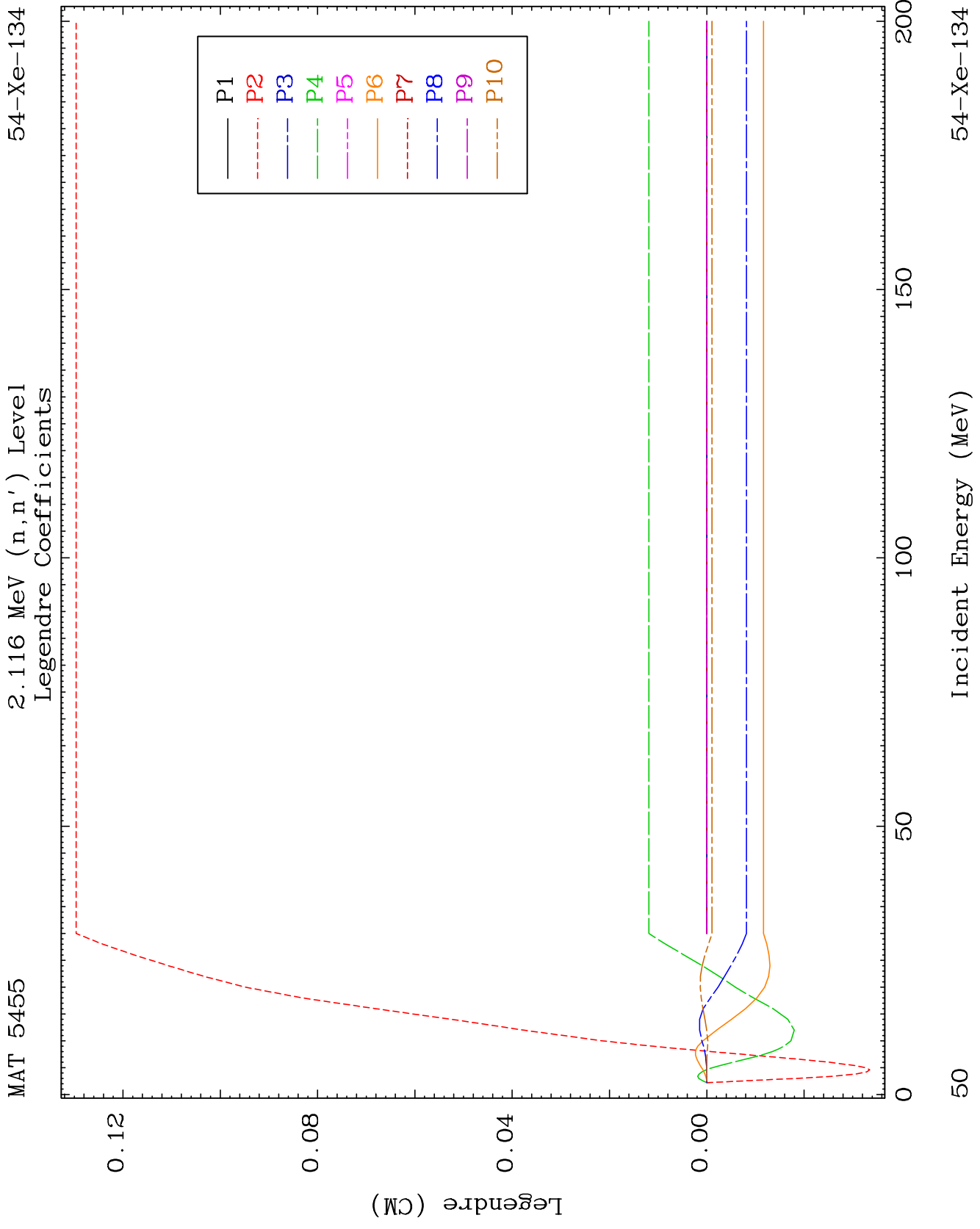
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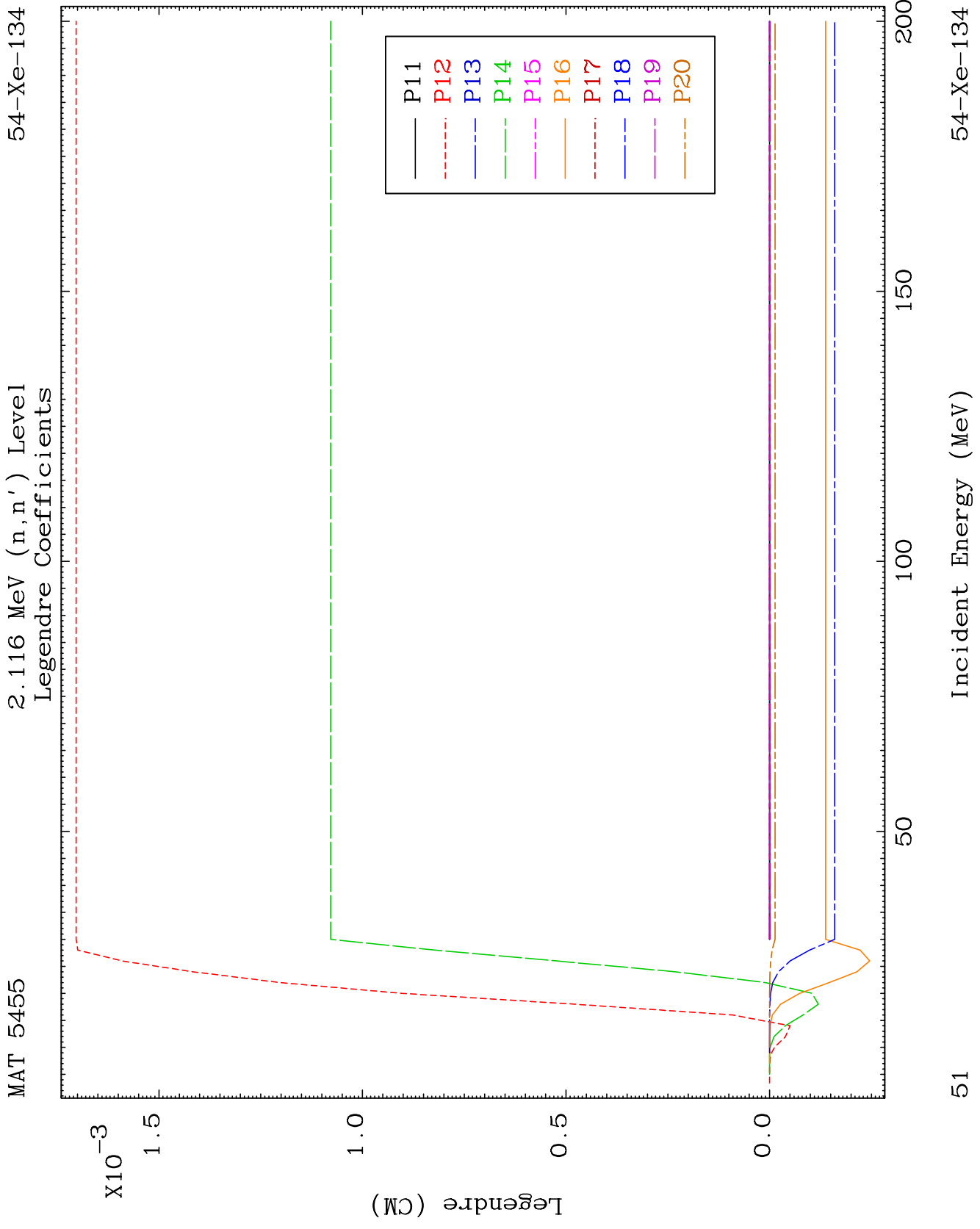


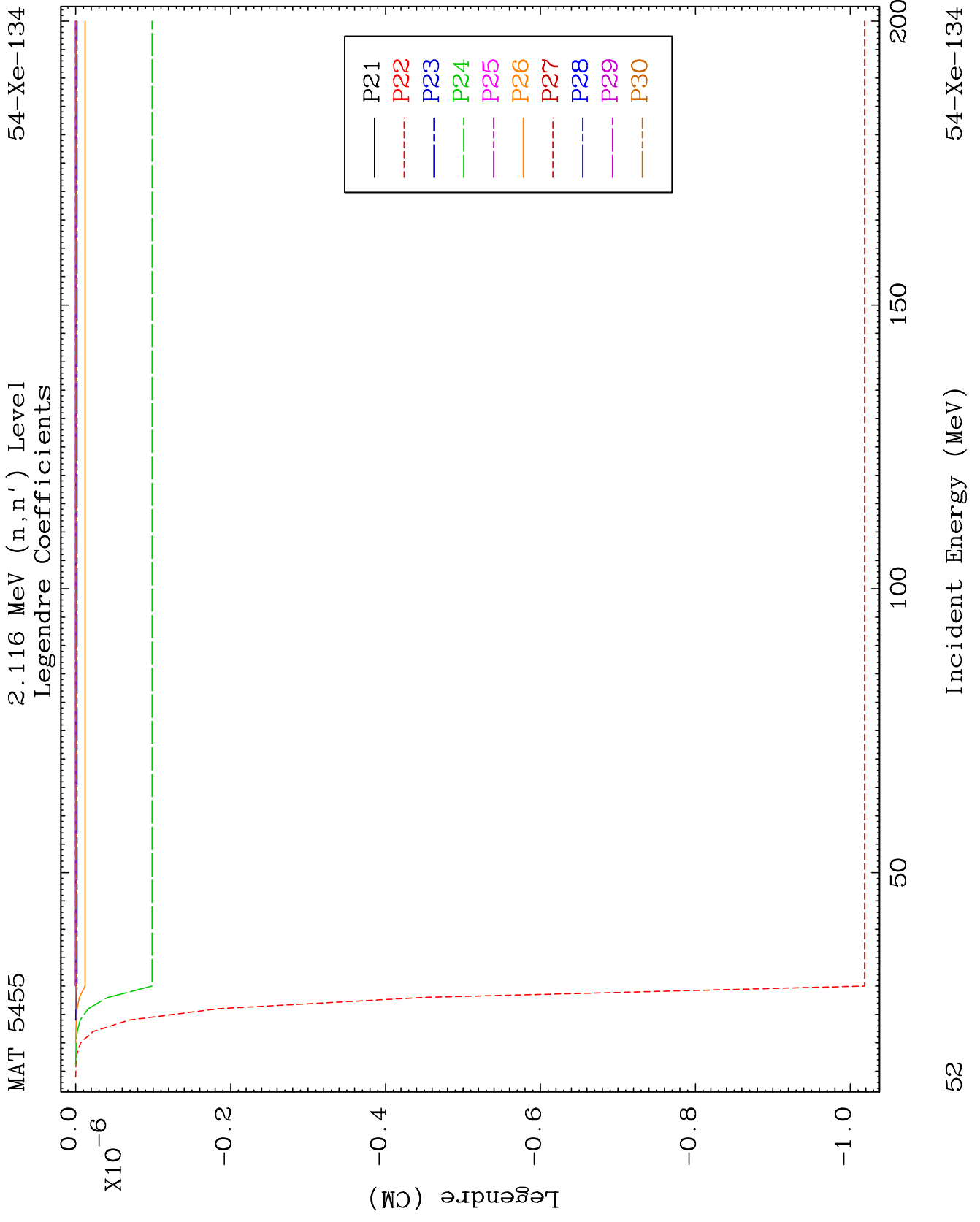
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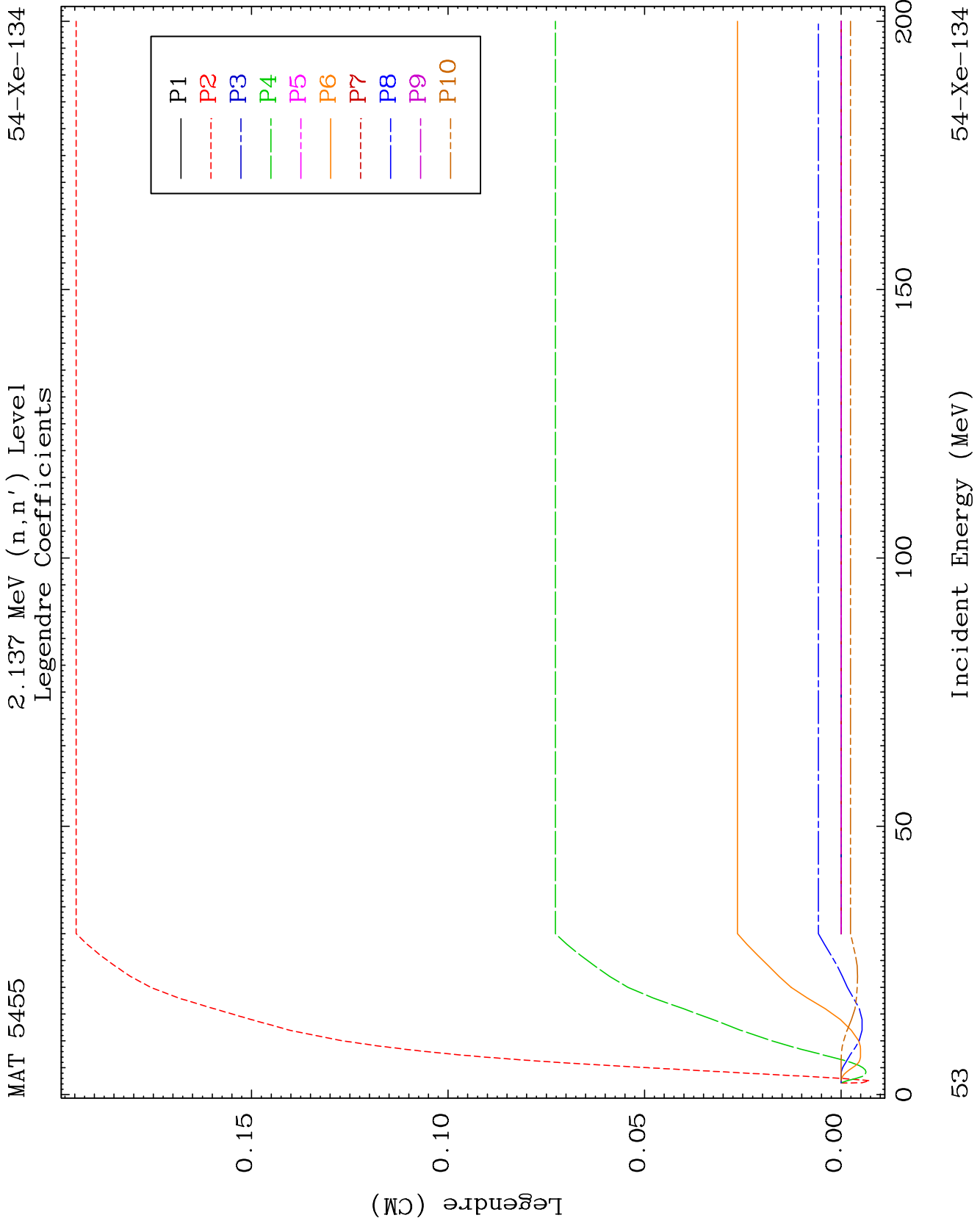
Incident Energy (MeV)

54-Xe-134





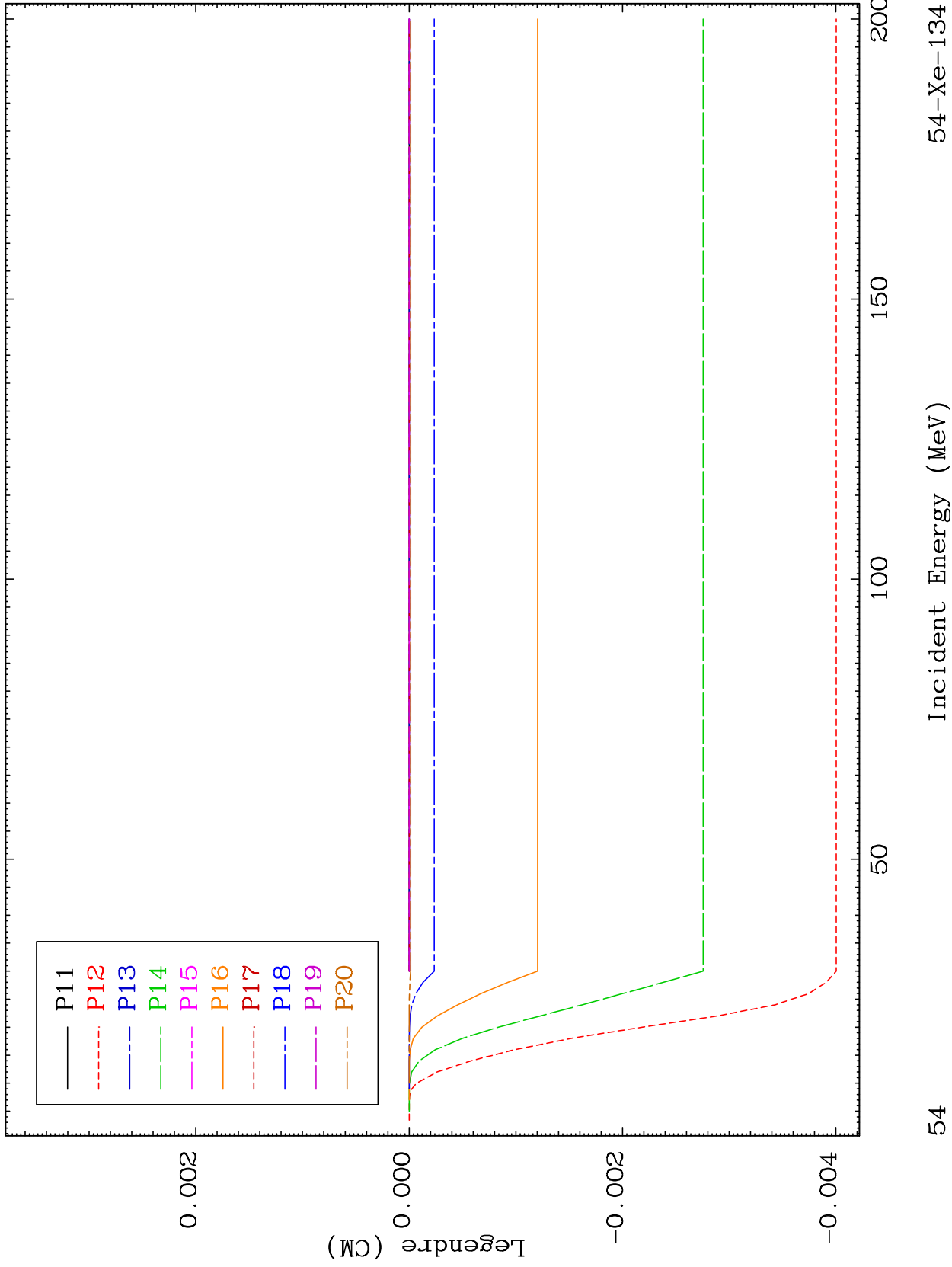




MAT 5455

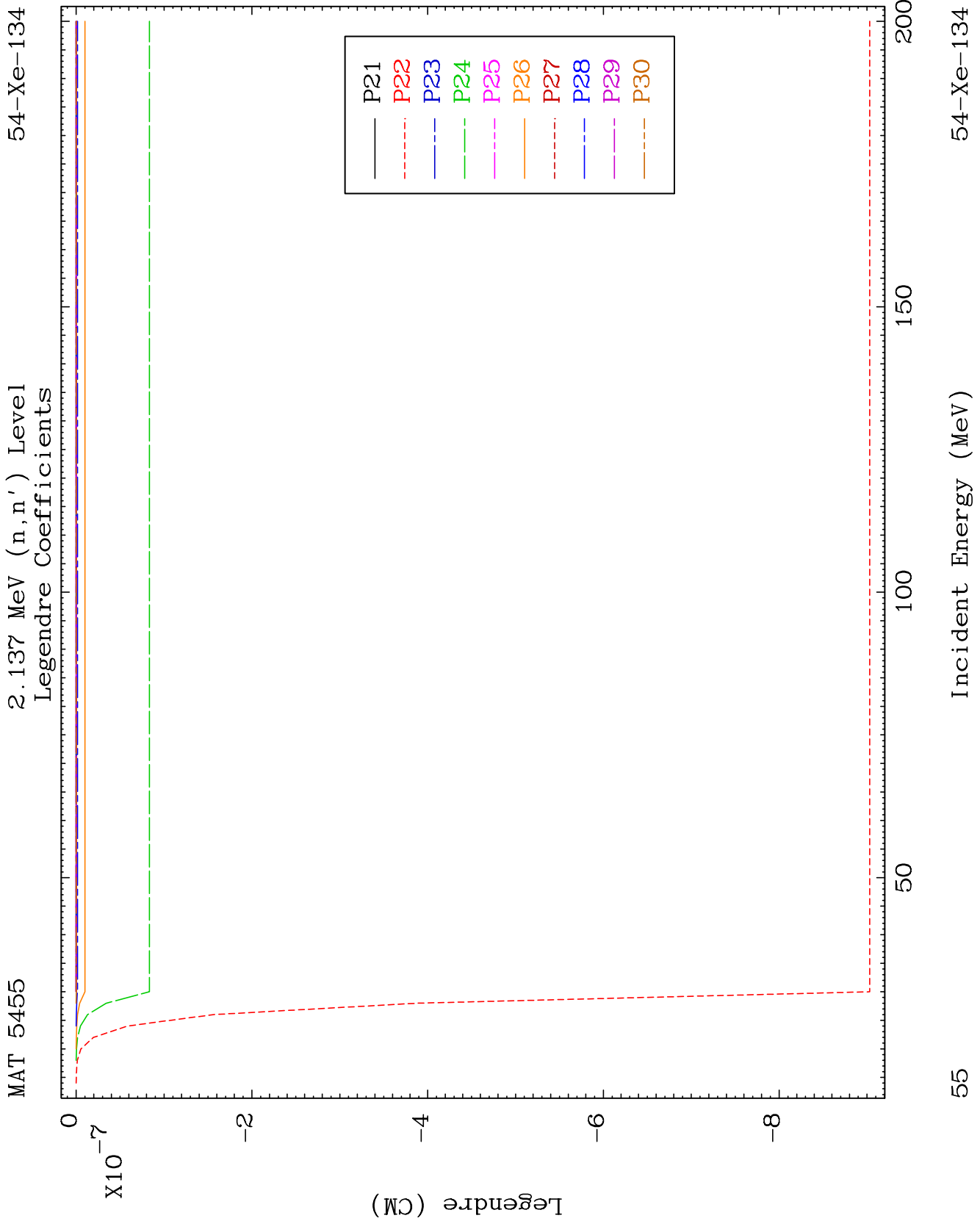
2.137 MeV (n,n') Level
Legendre Coefficients

54-Xe-134



54

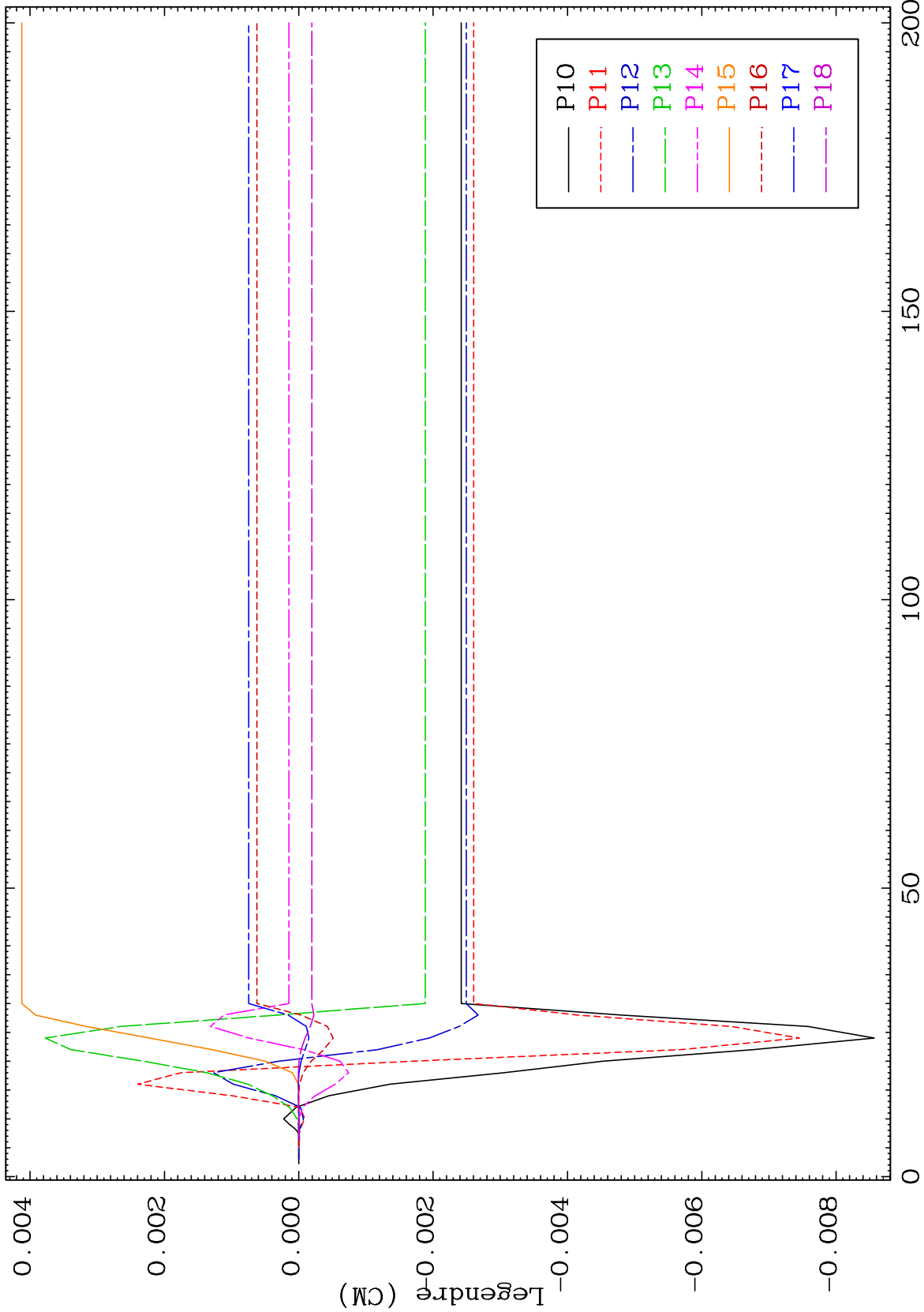
54-Xe-134



MAT 5455

2.172 MeV (n,n') Level
Legendre Coefficients

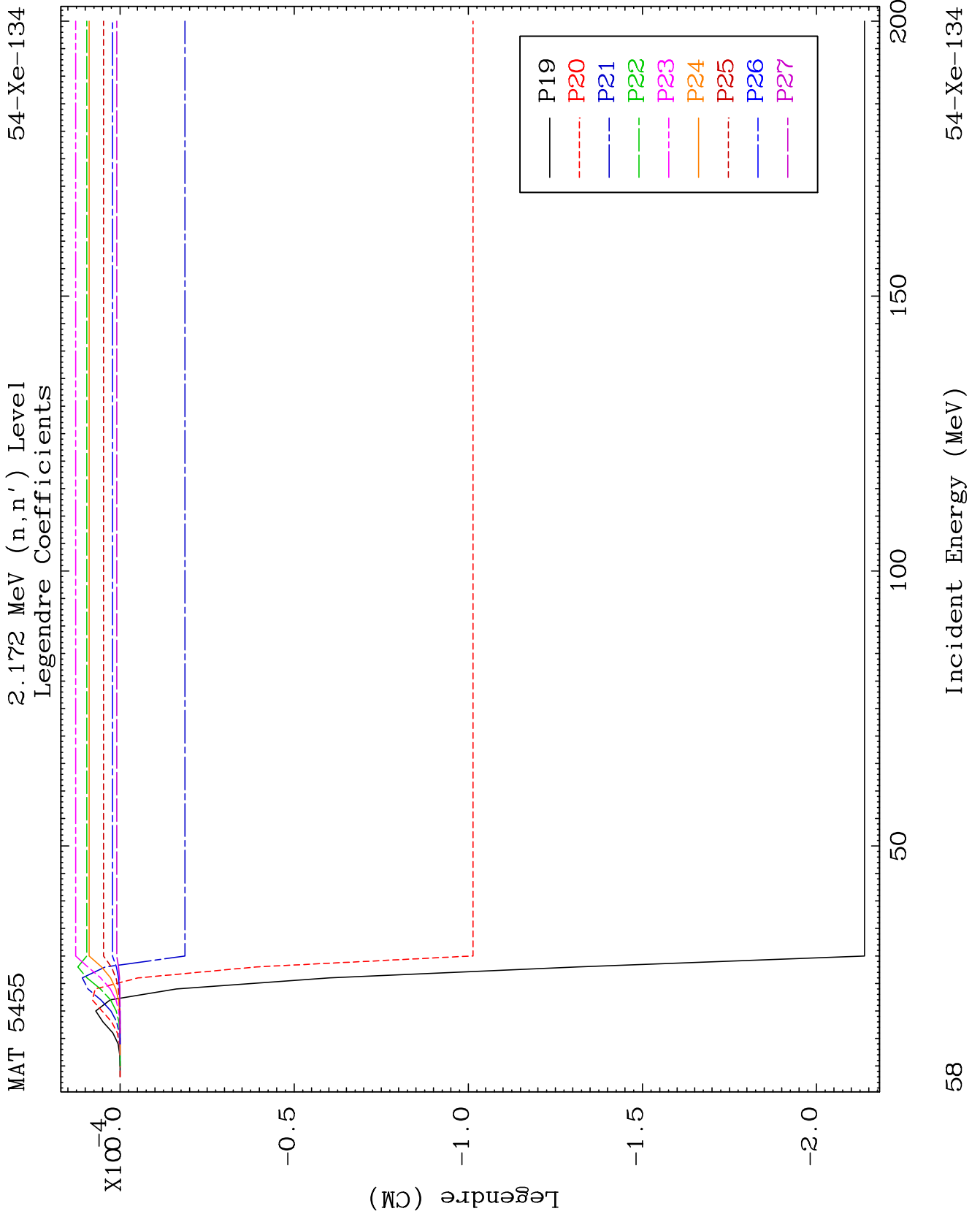
54-Xe-134



57

Incident Energy (MeV)

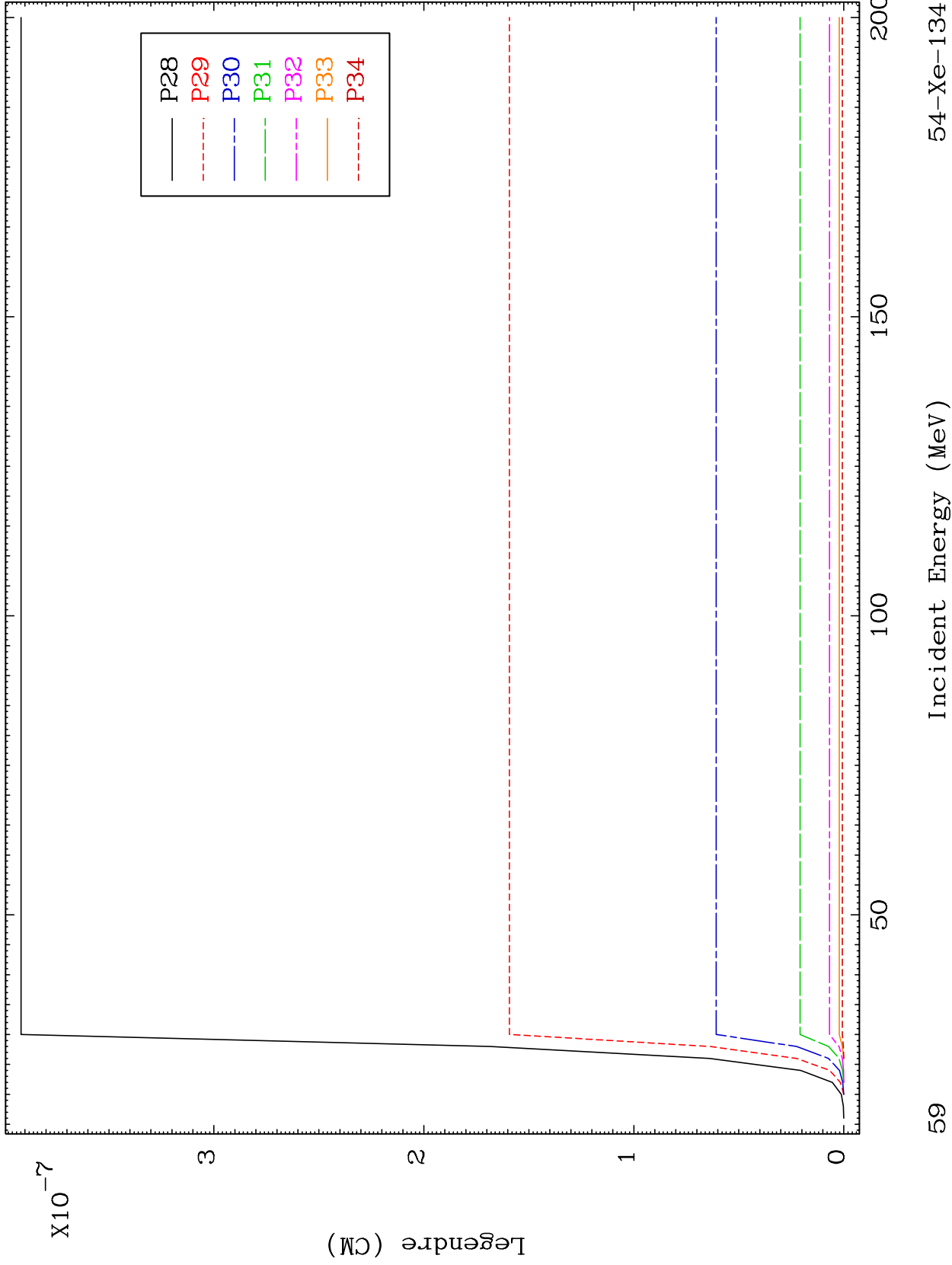
54-Xe-134



MAT 5455

2.172 MeV (n, n') Level
Legendre Coefficients

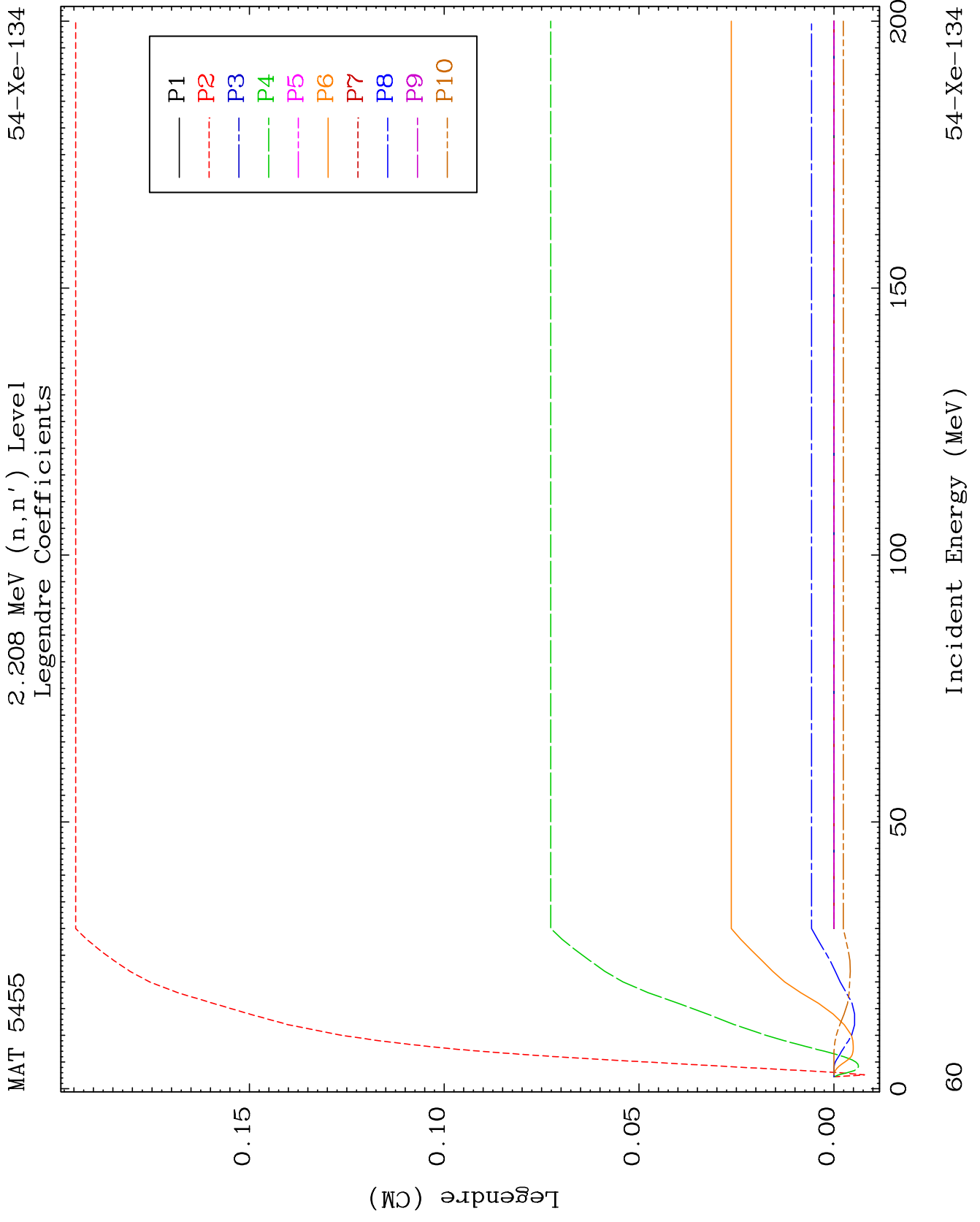
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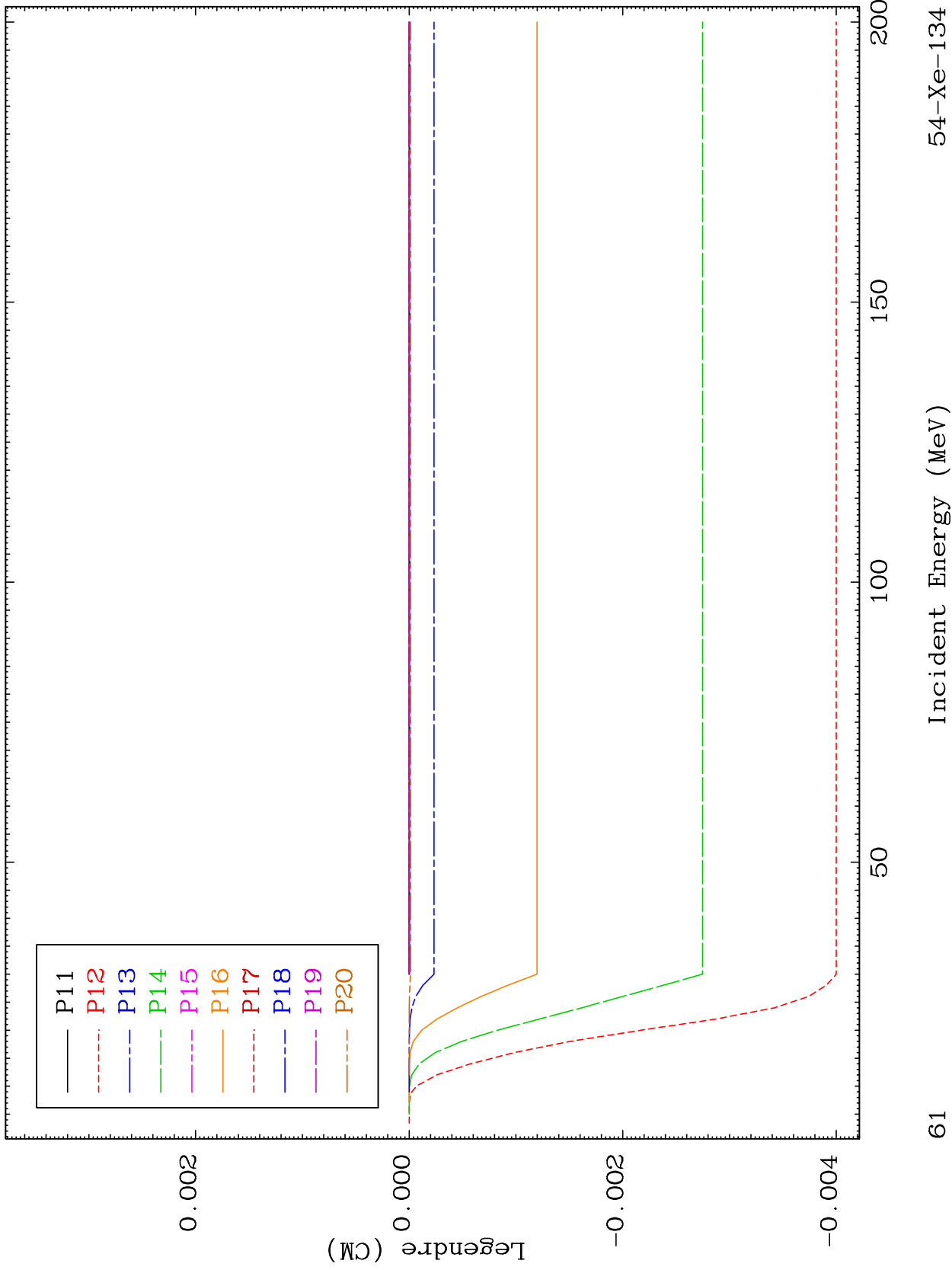


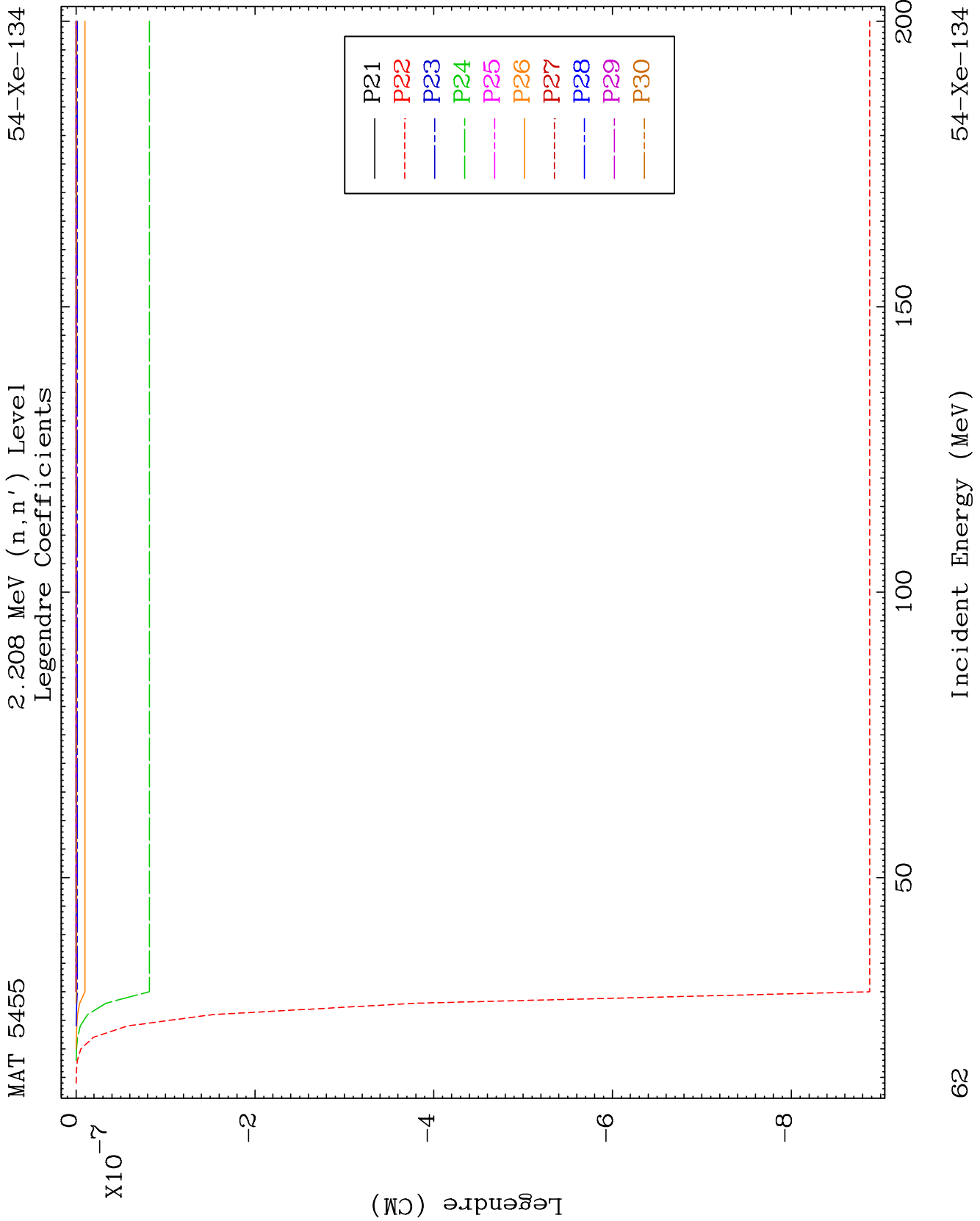
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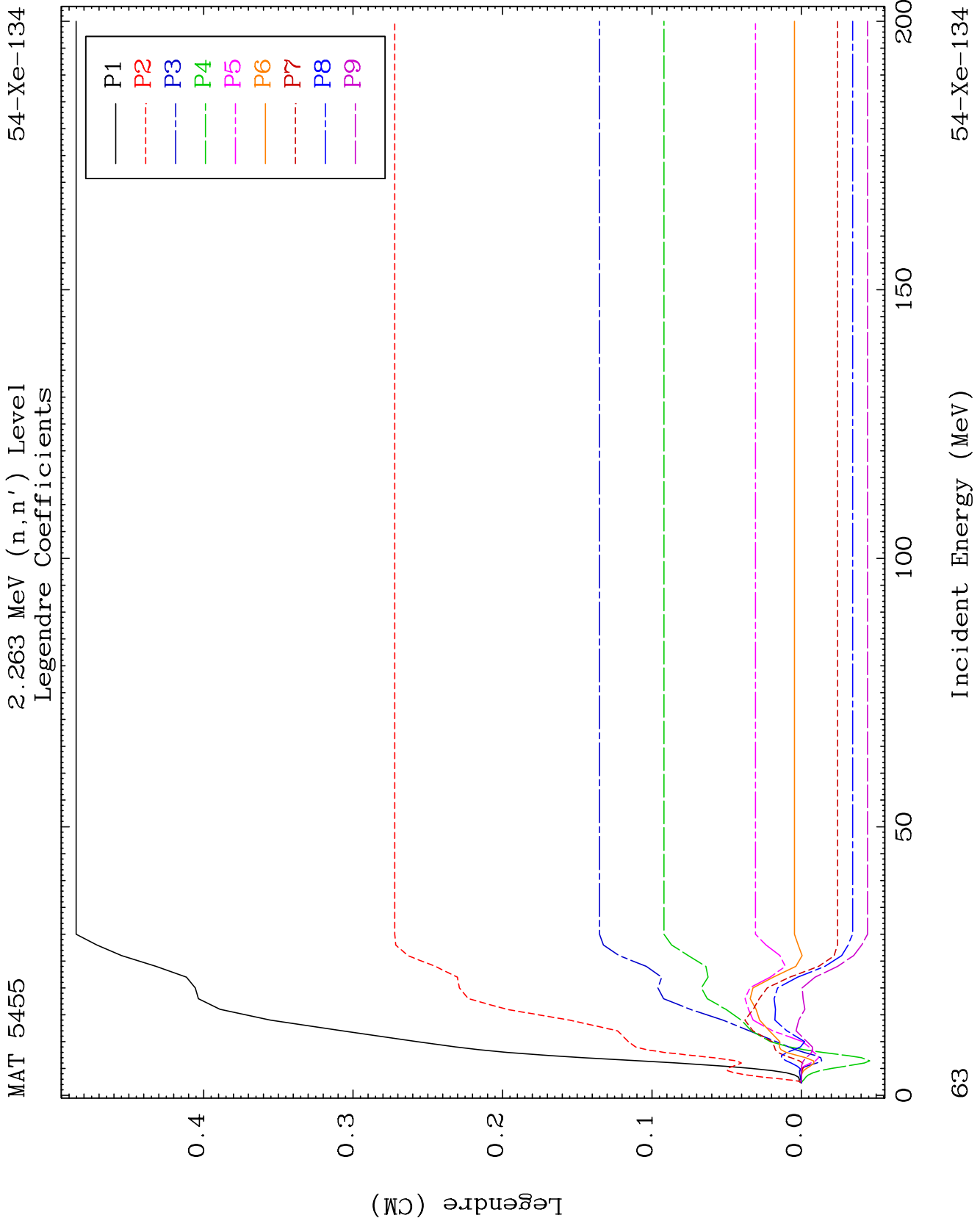
Incident Energy (MeV)

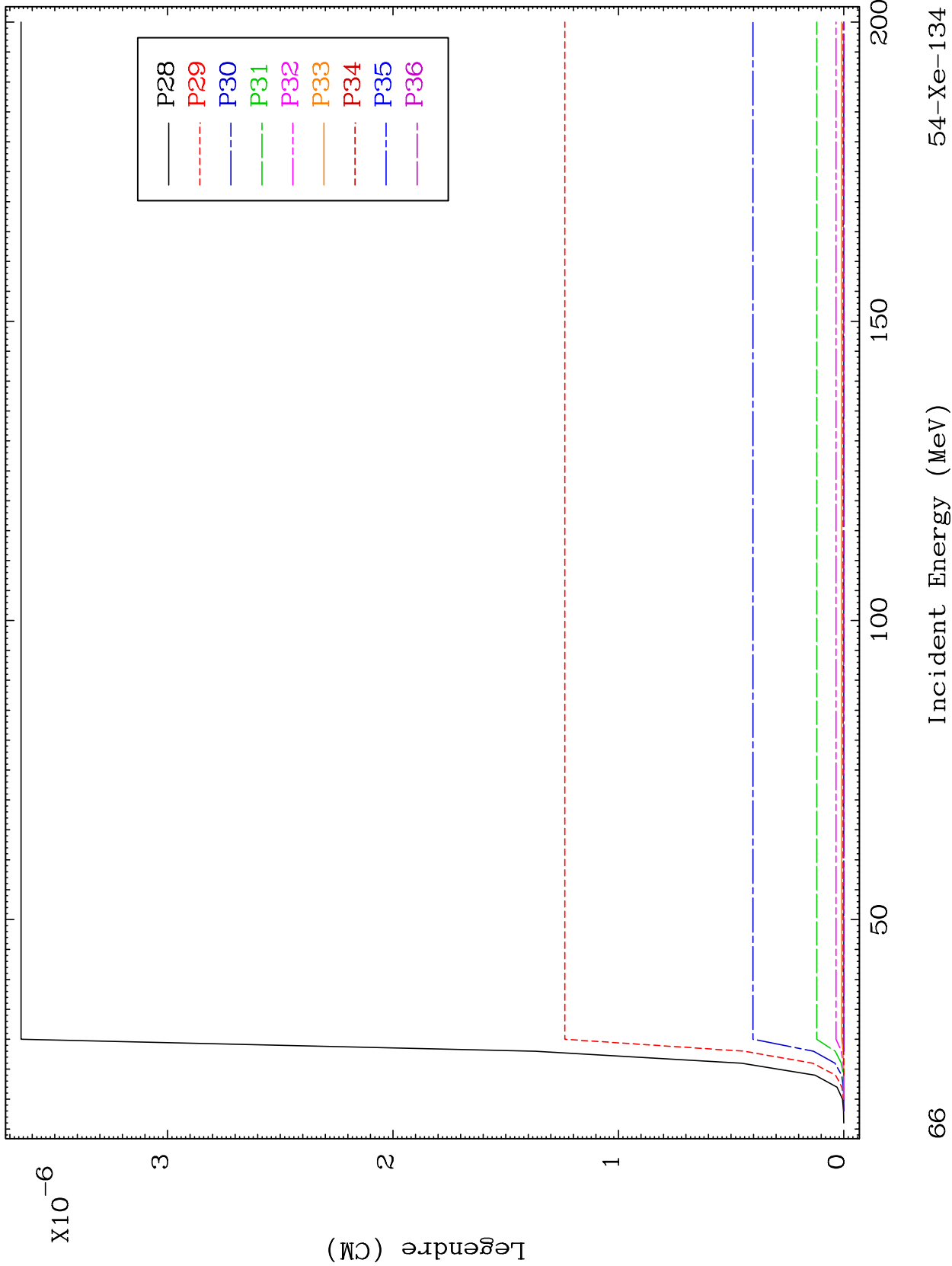
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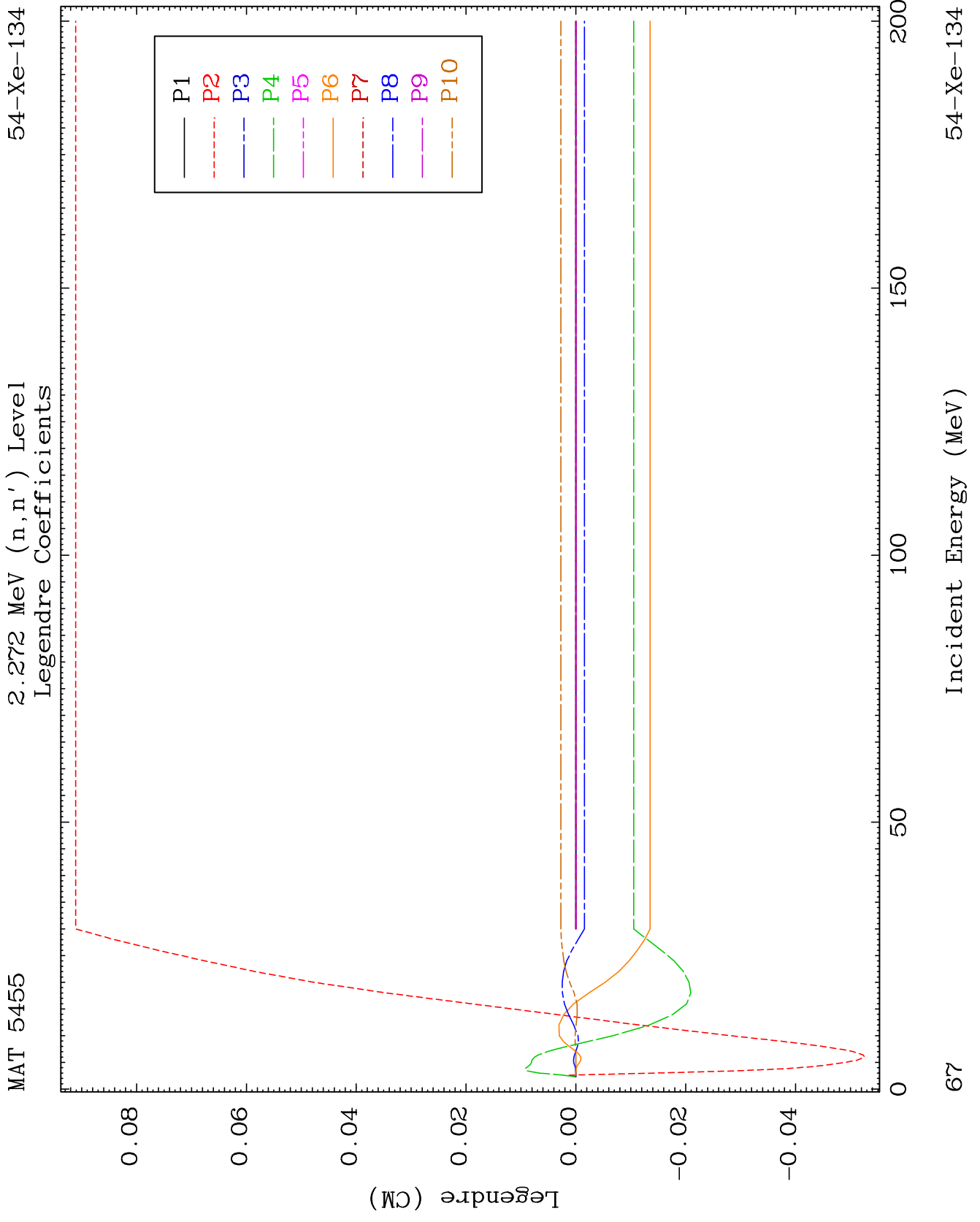








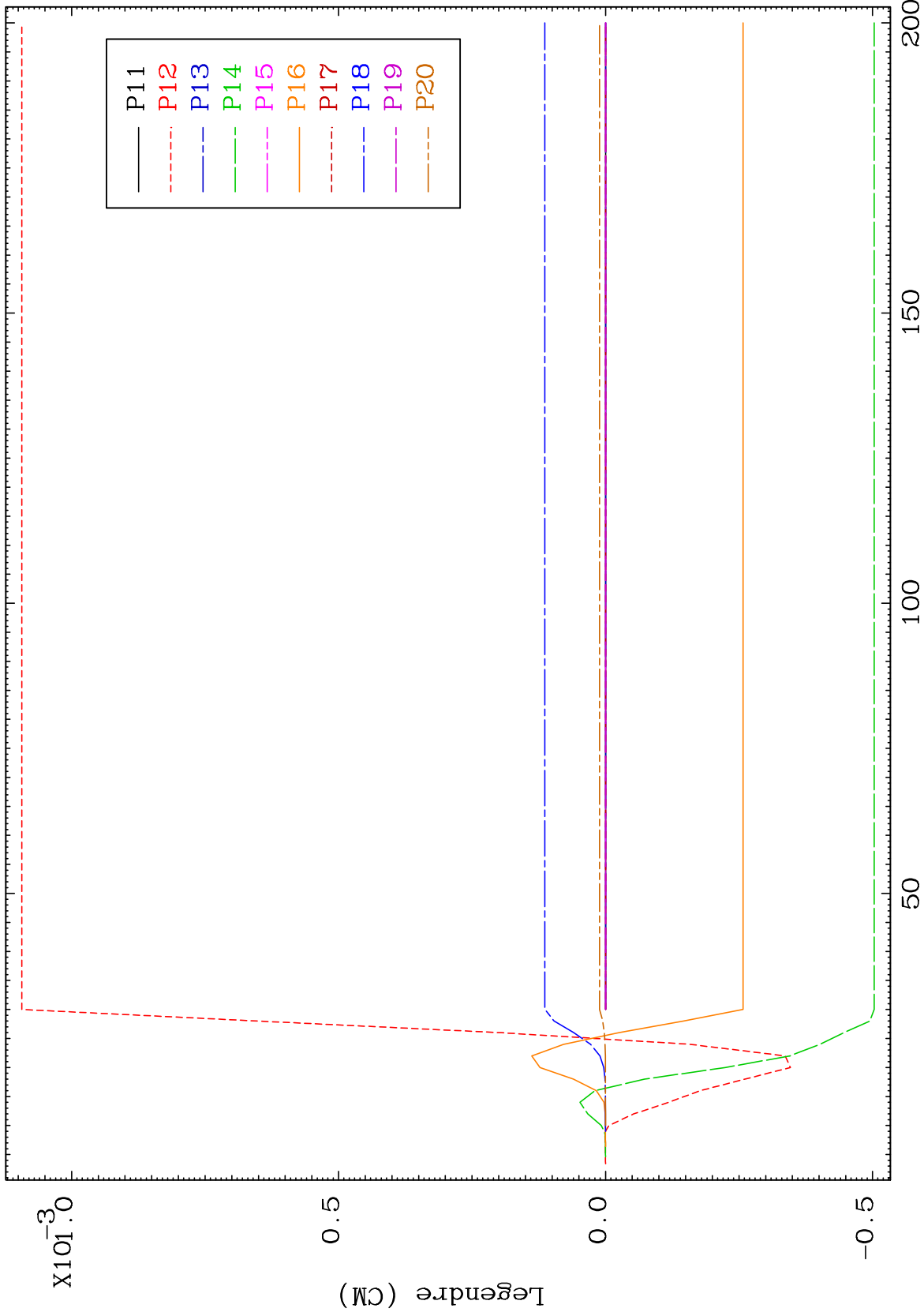




MAT 5455

2.272 MeV (n, n') Level
Legendre Coefficients

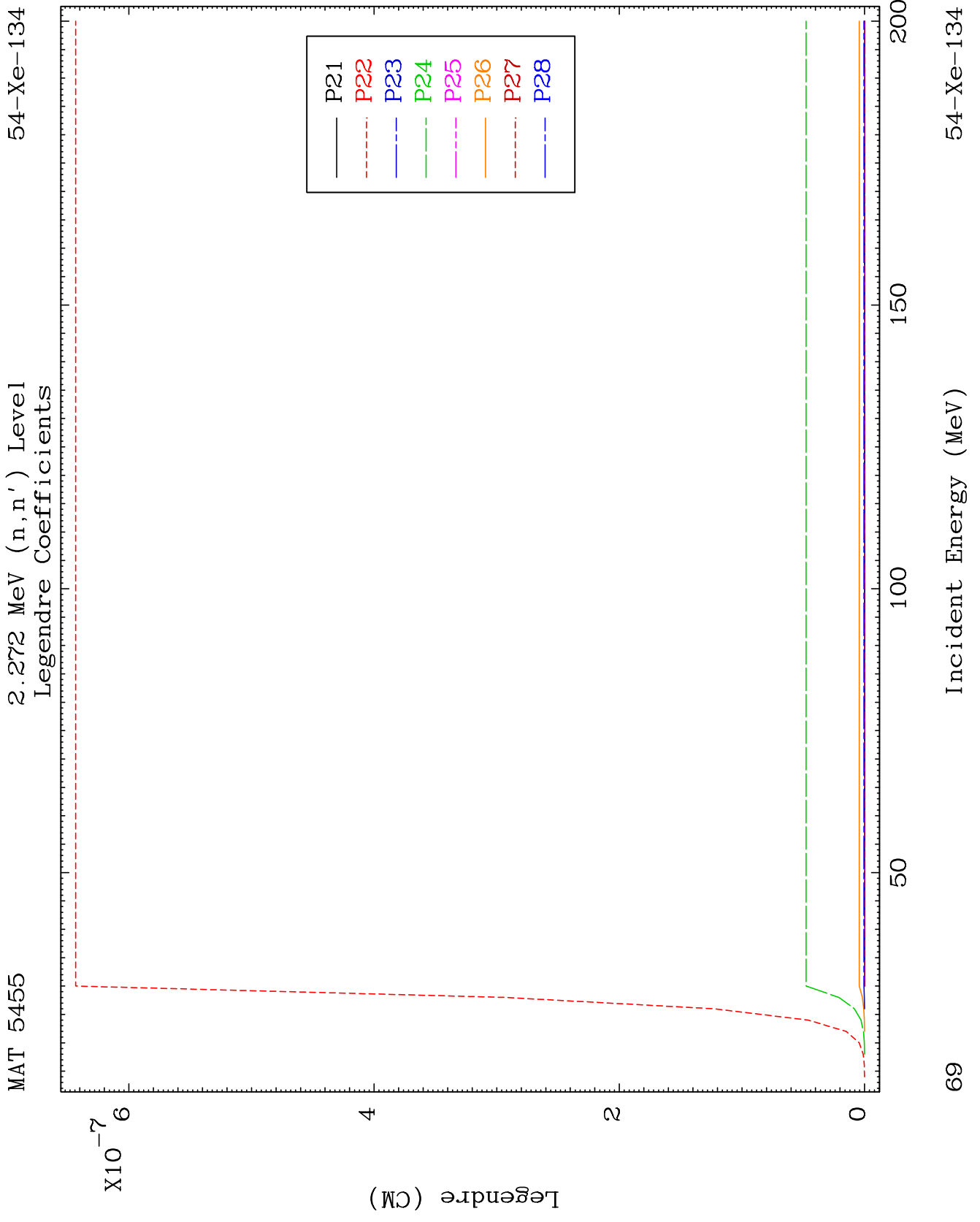
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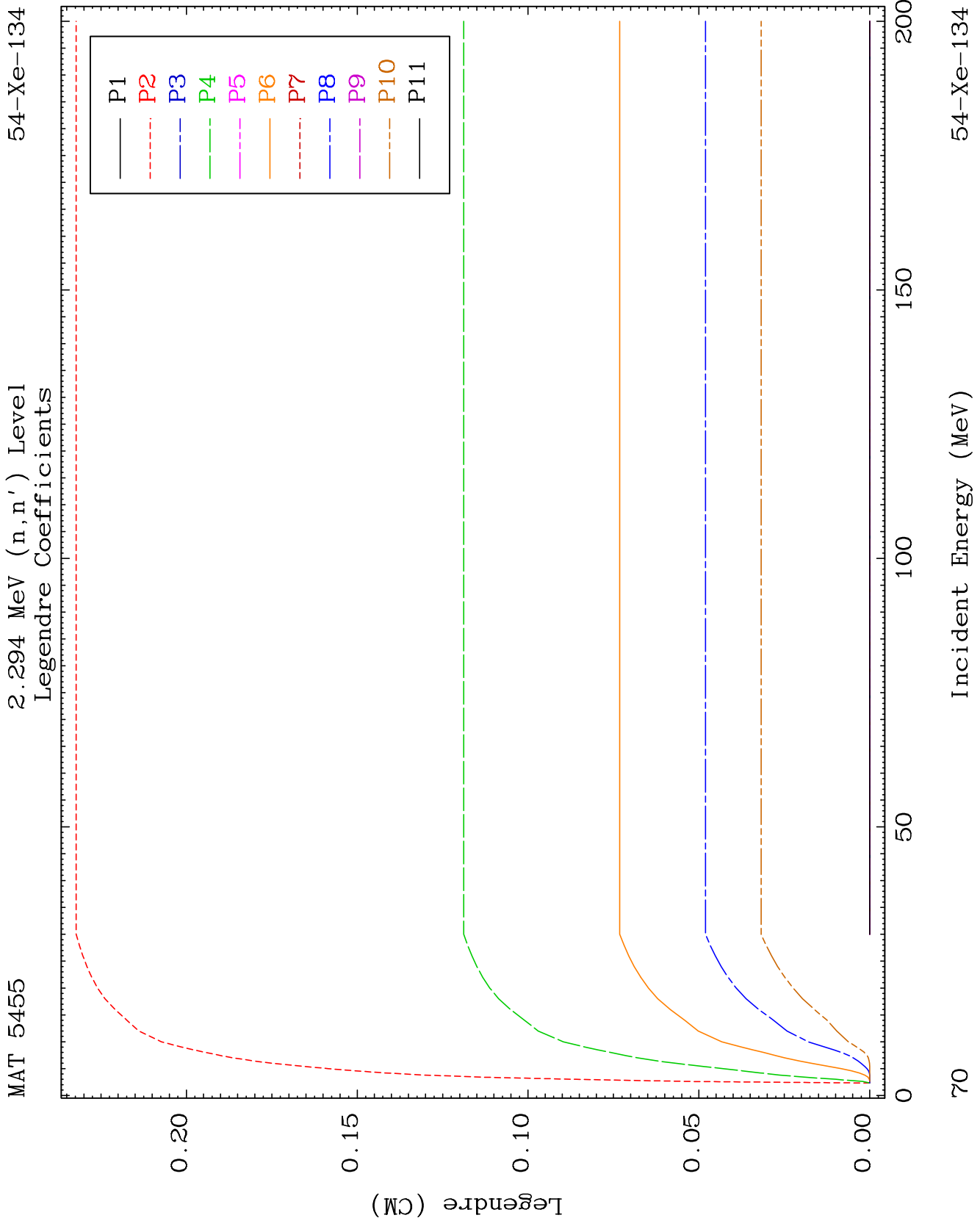


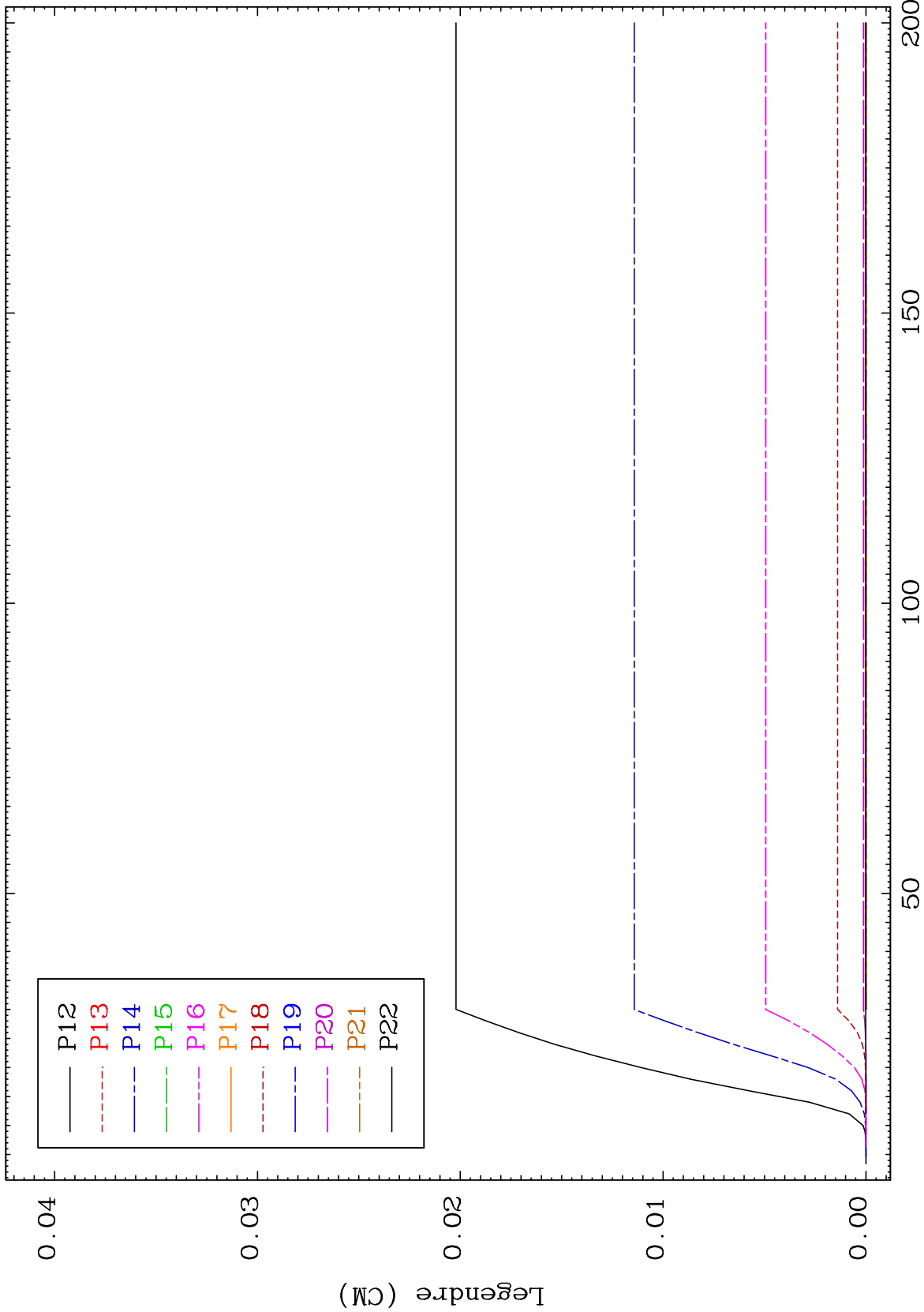
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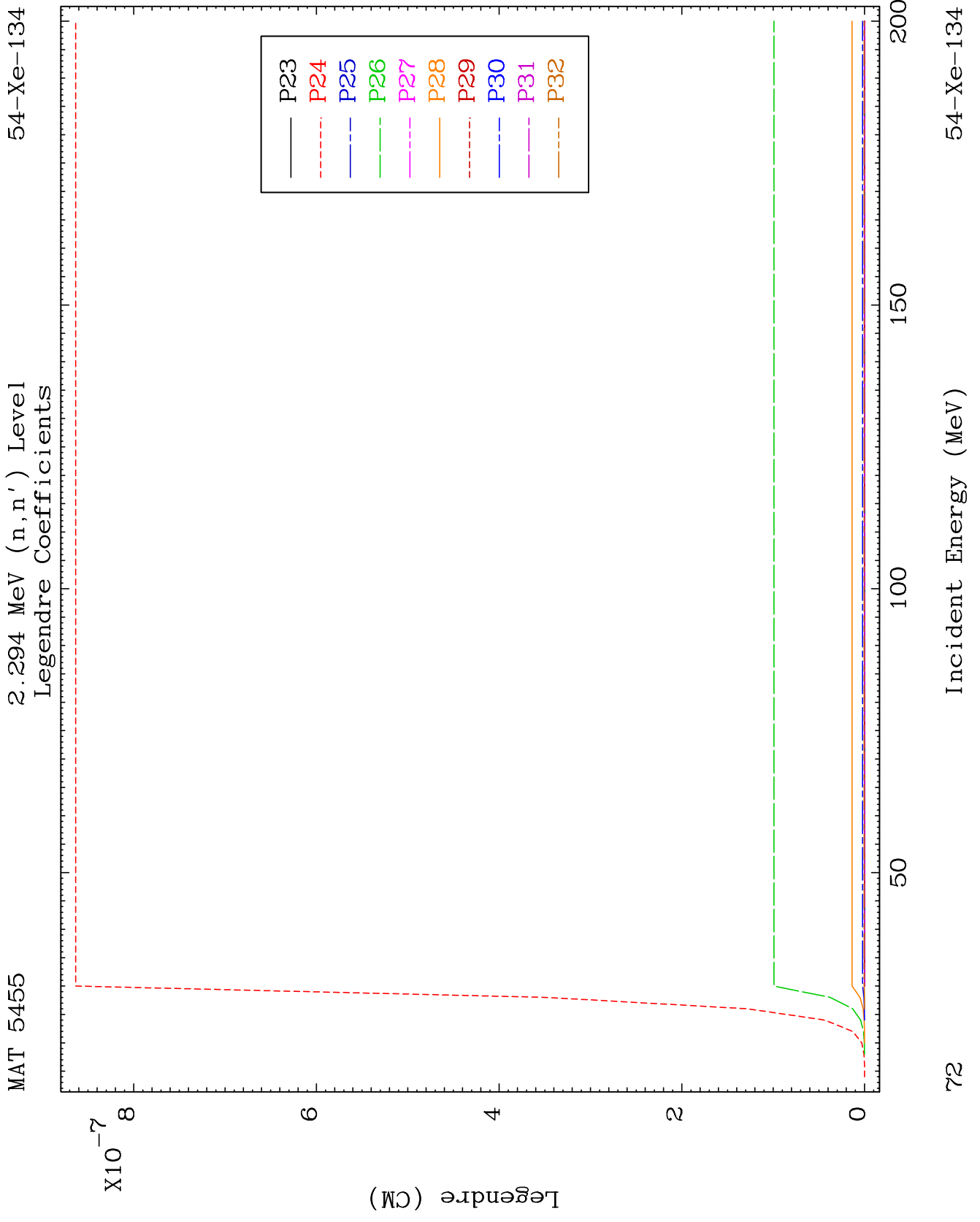
Incident Energy (MeV)

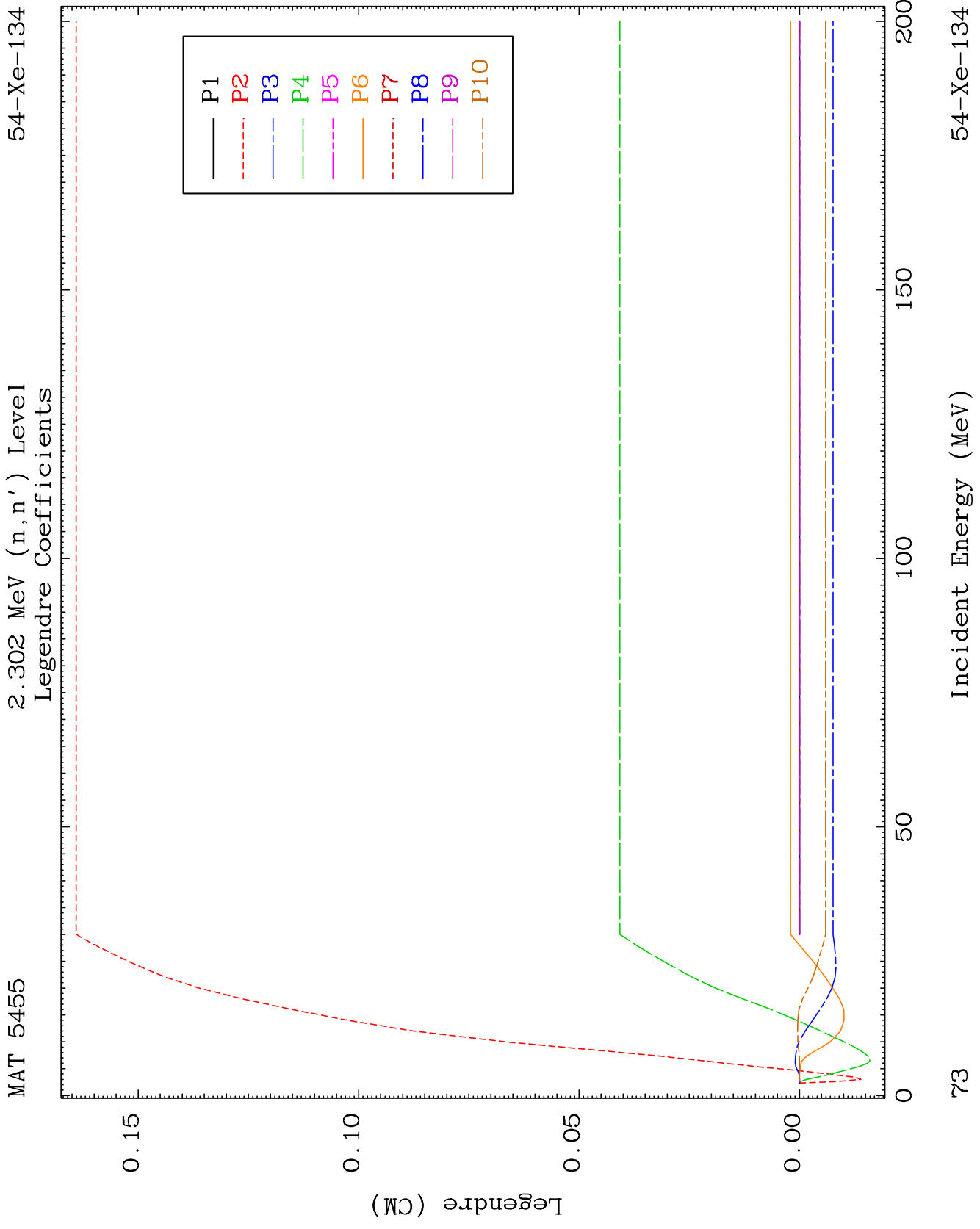
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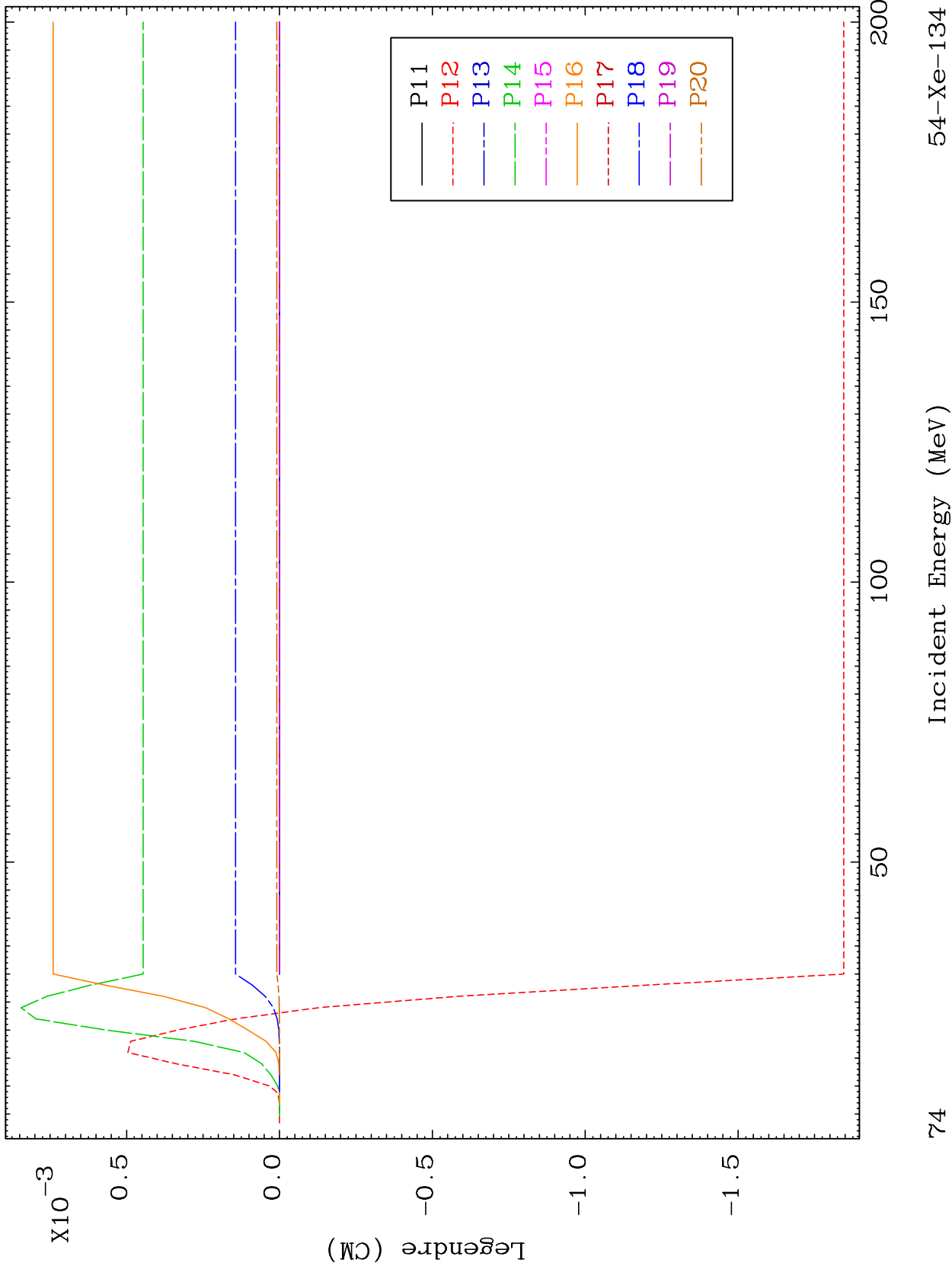


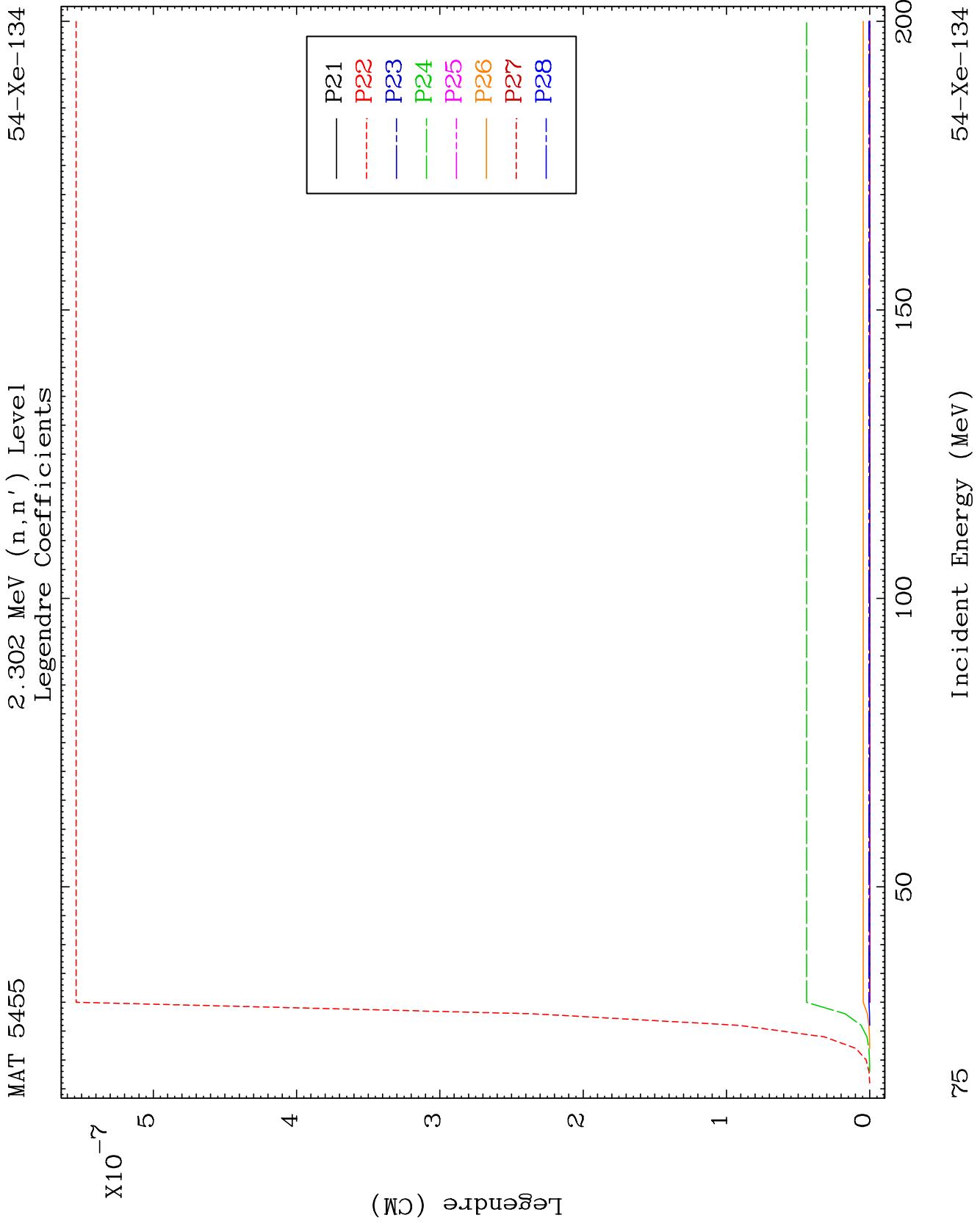








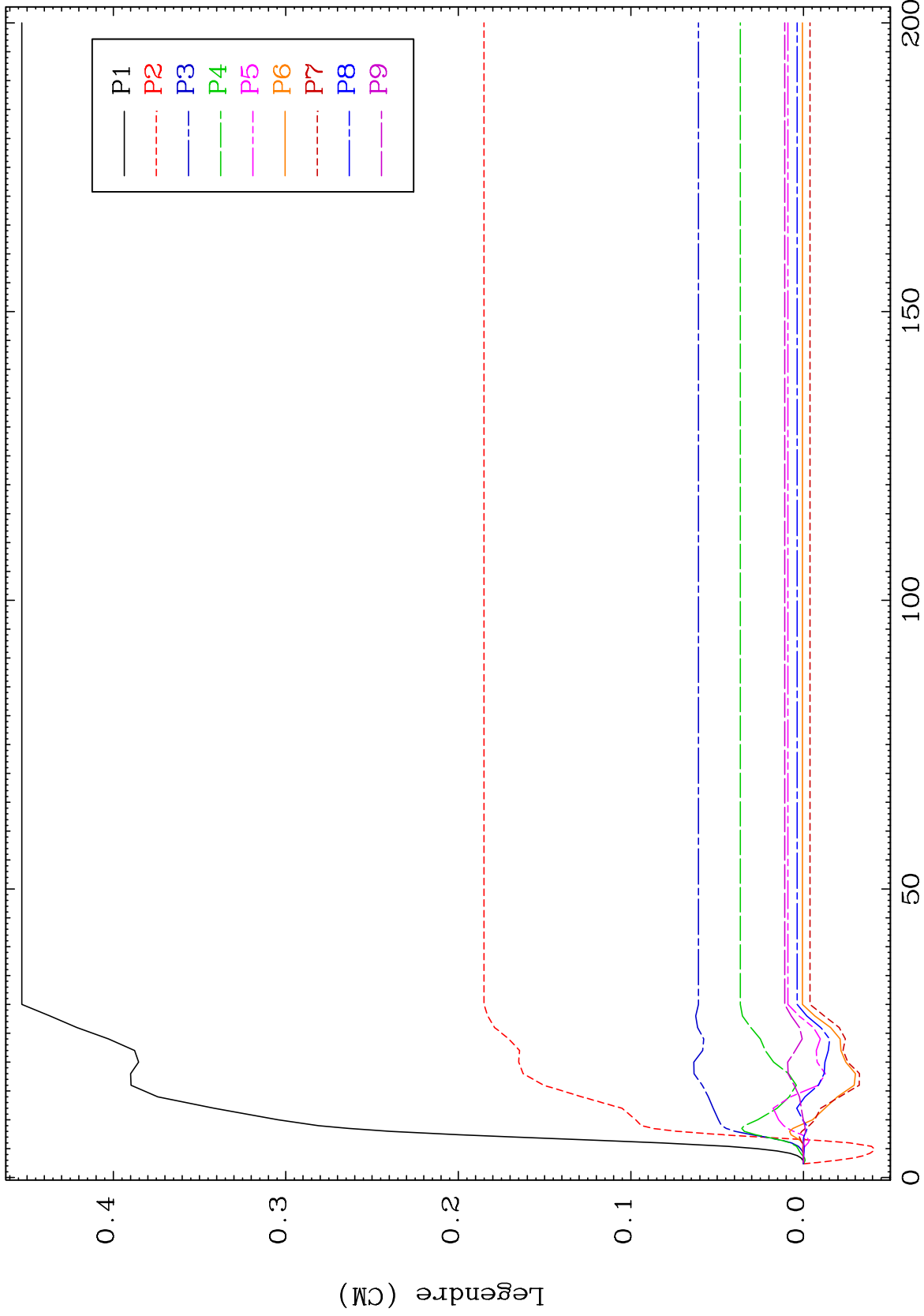




MAT 5455

2.353 MeV (n,n') Level
Legendre Coefficients

54-Xe-134



76

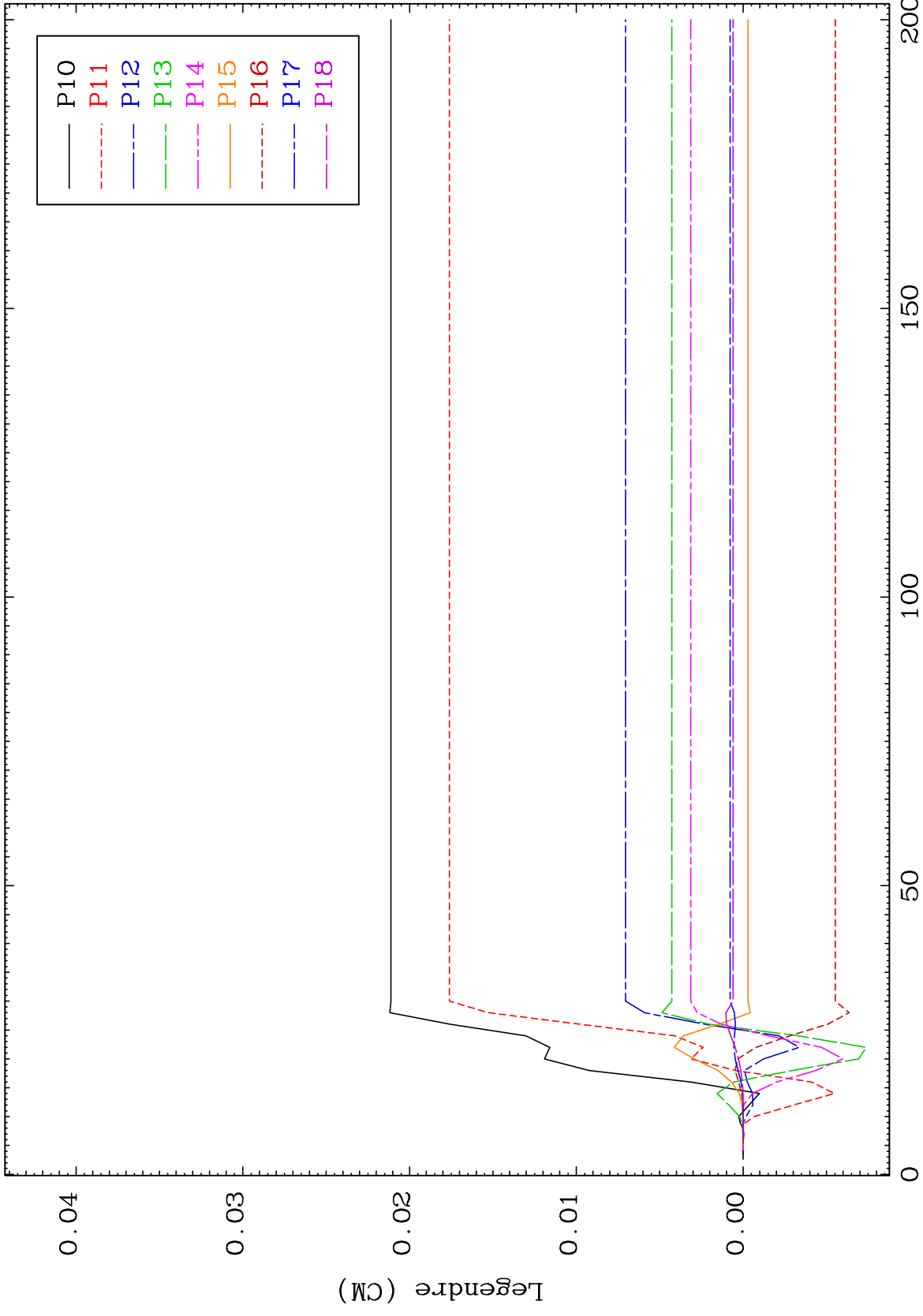
Incident Energy (MeV)

54-Xe-134

MAT 5455

2.353 MeV (n,n') Level
Legendre Coefficients

54-Xe-134



77

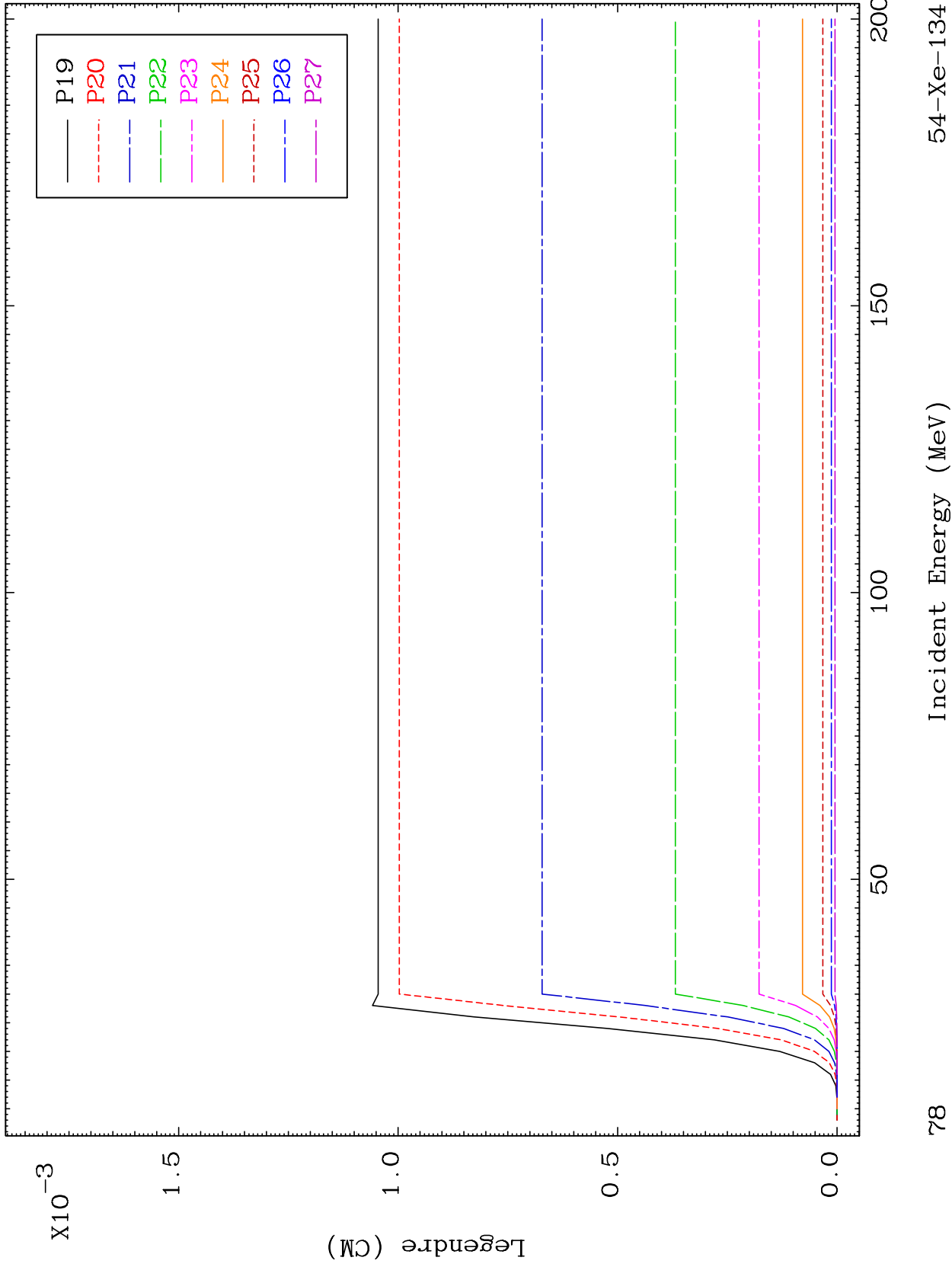
Incident Energy (MeV)

54-Xe-134

MAT 5455

2.353 MeV (n,n') Level
Legendre Coefficients

54-Xe-134



78

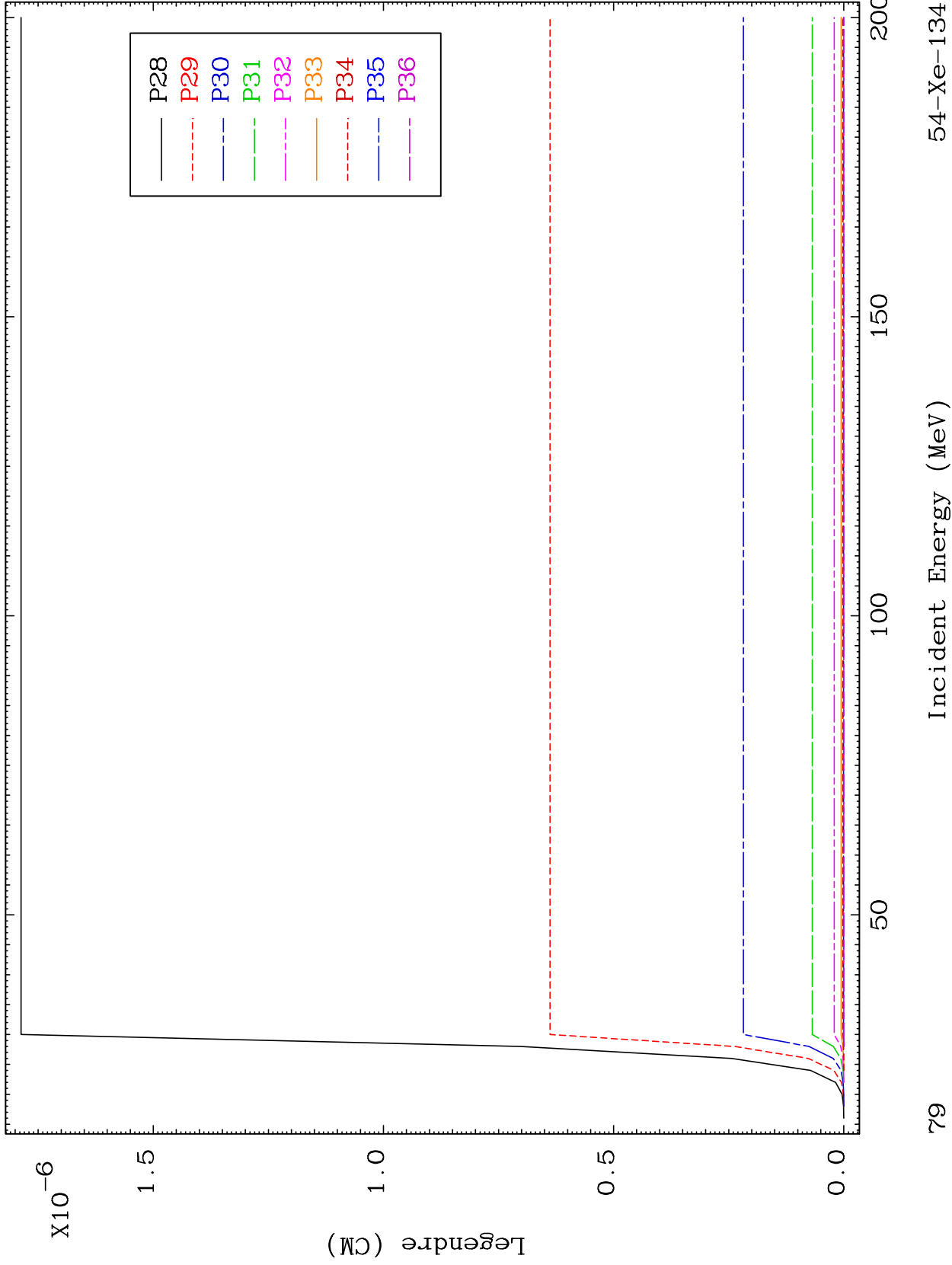
Incident Energy (MeV)

54-Xe-134

MAT 5455

2.353 MeV (n,n') Level
Legendre Coefficients

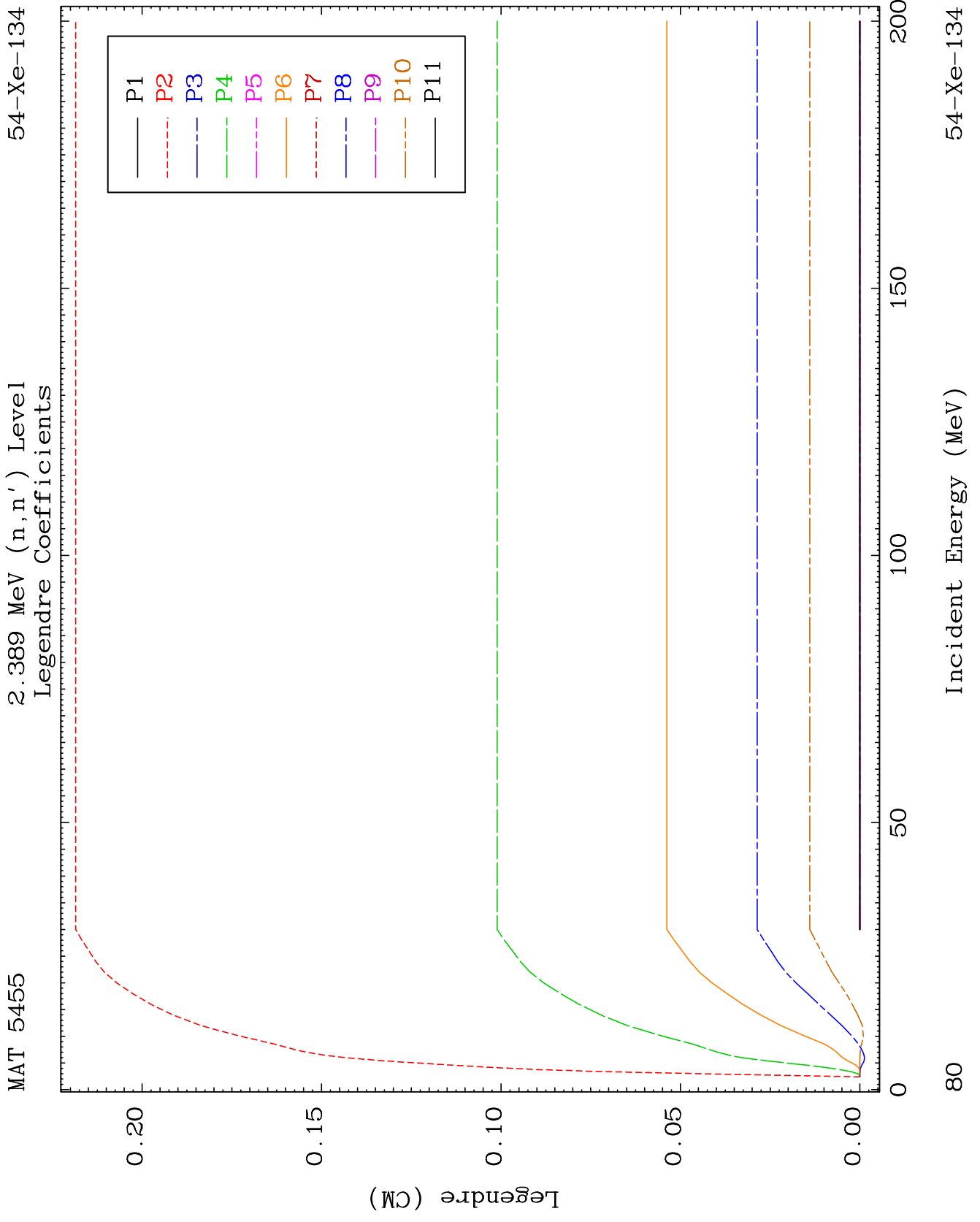
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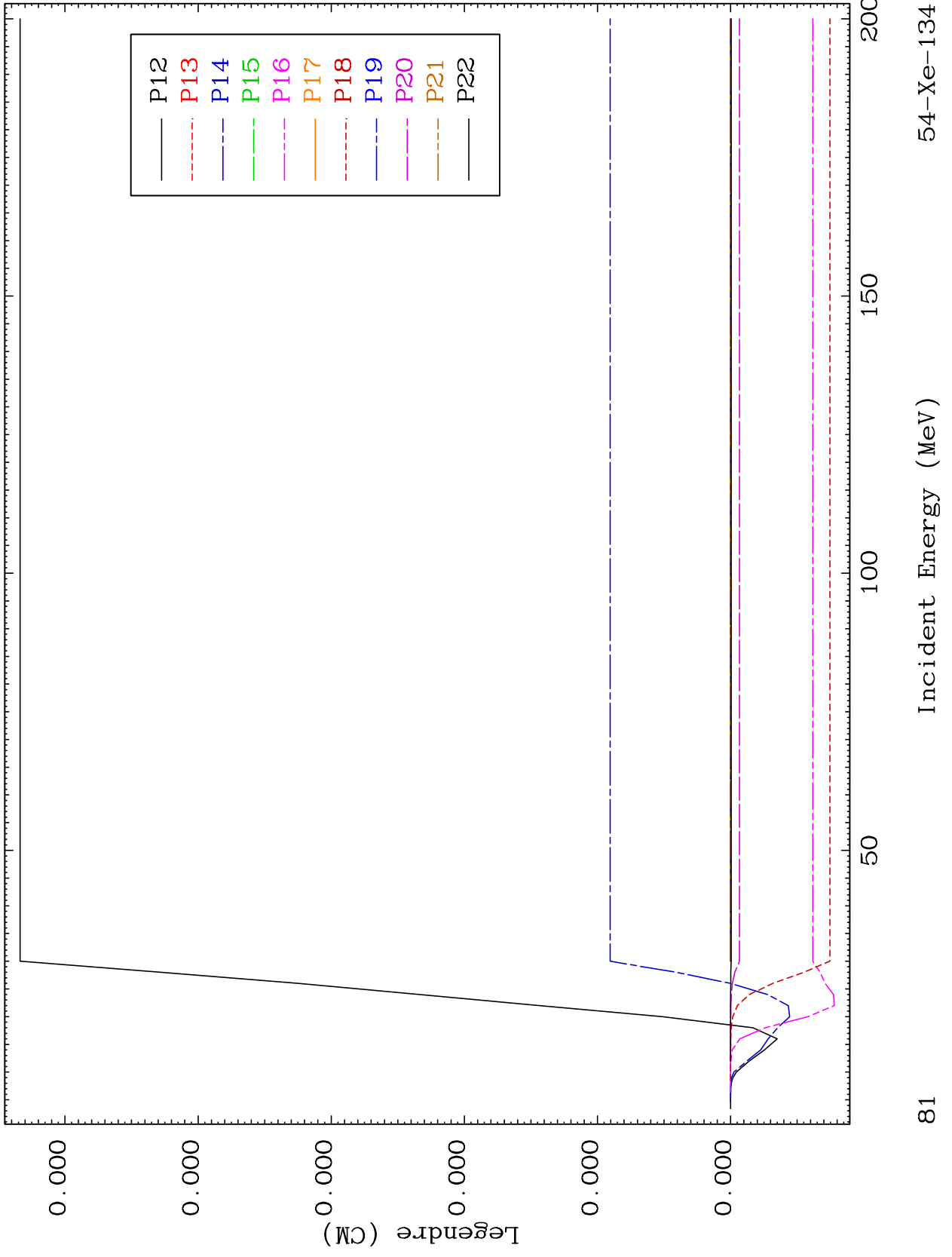


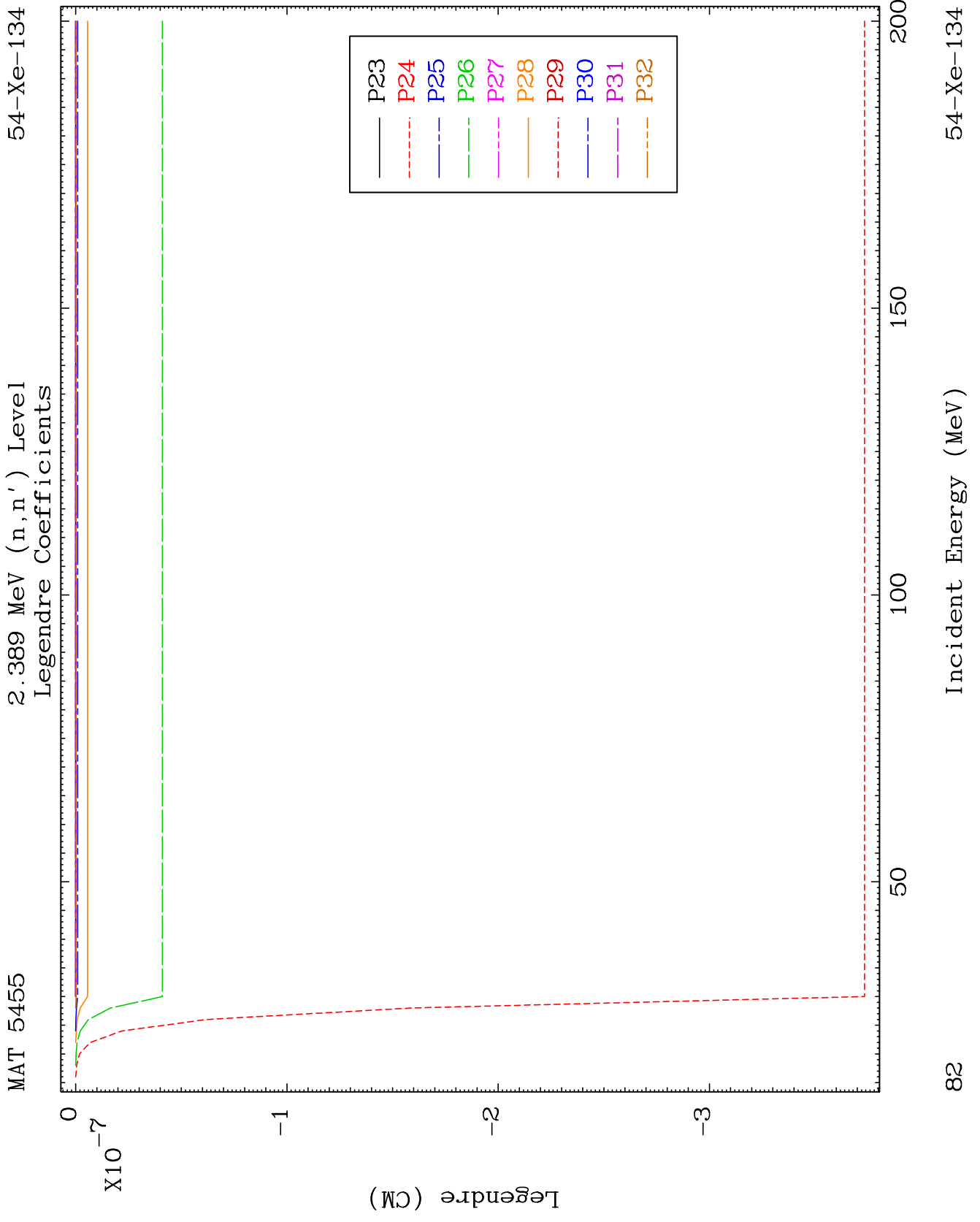
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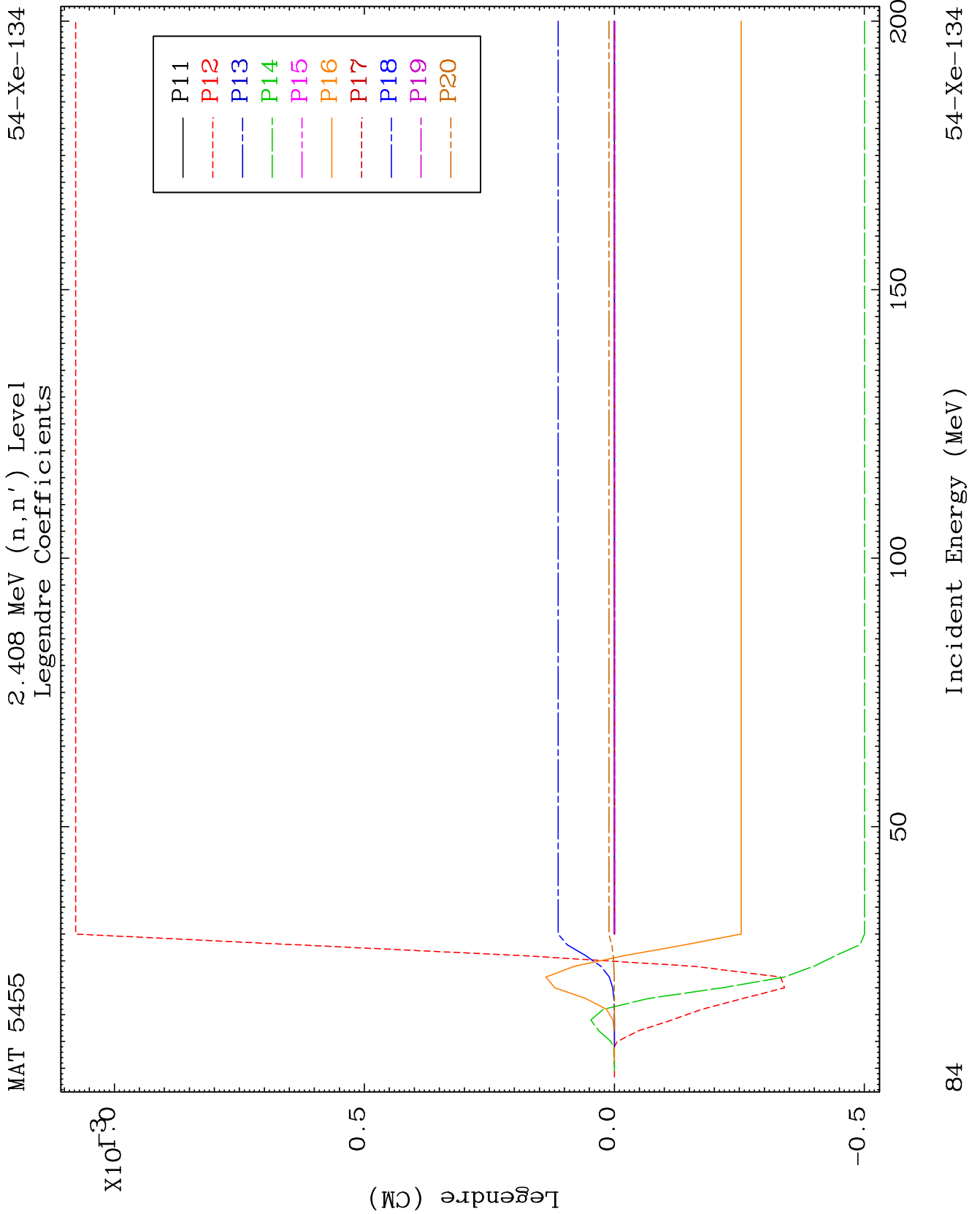
Incident Energy (MeV)

54-Xe-134





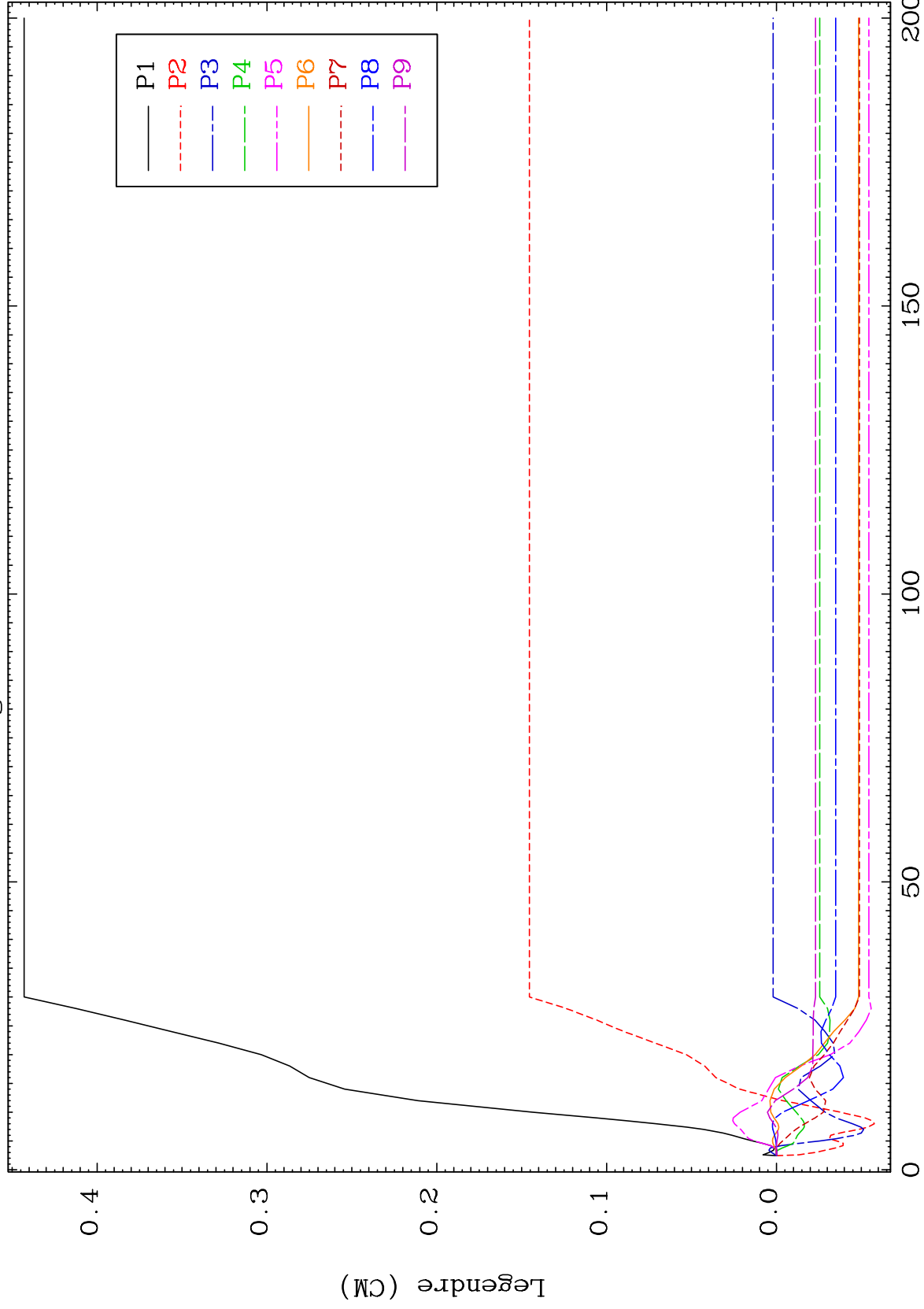




MAT 5455

2.417 MeV (n,n') Level
Legendre Coefficients

54-Xe-134



86

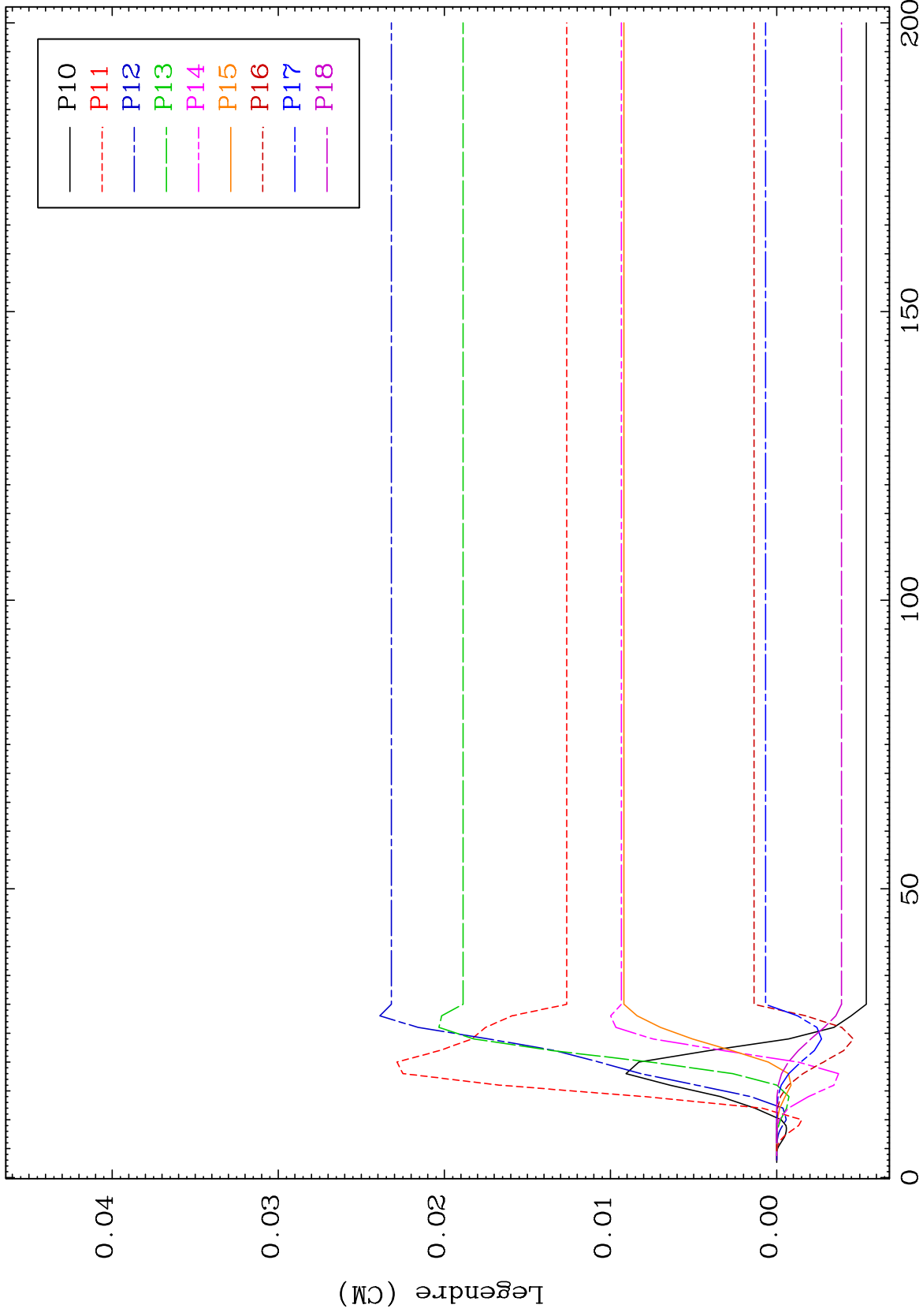
Incident Energy (MeV)

54-Xe-134

MAT 5455

2.417 MeV (n,n') Level
Legendre Coefficients

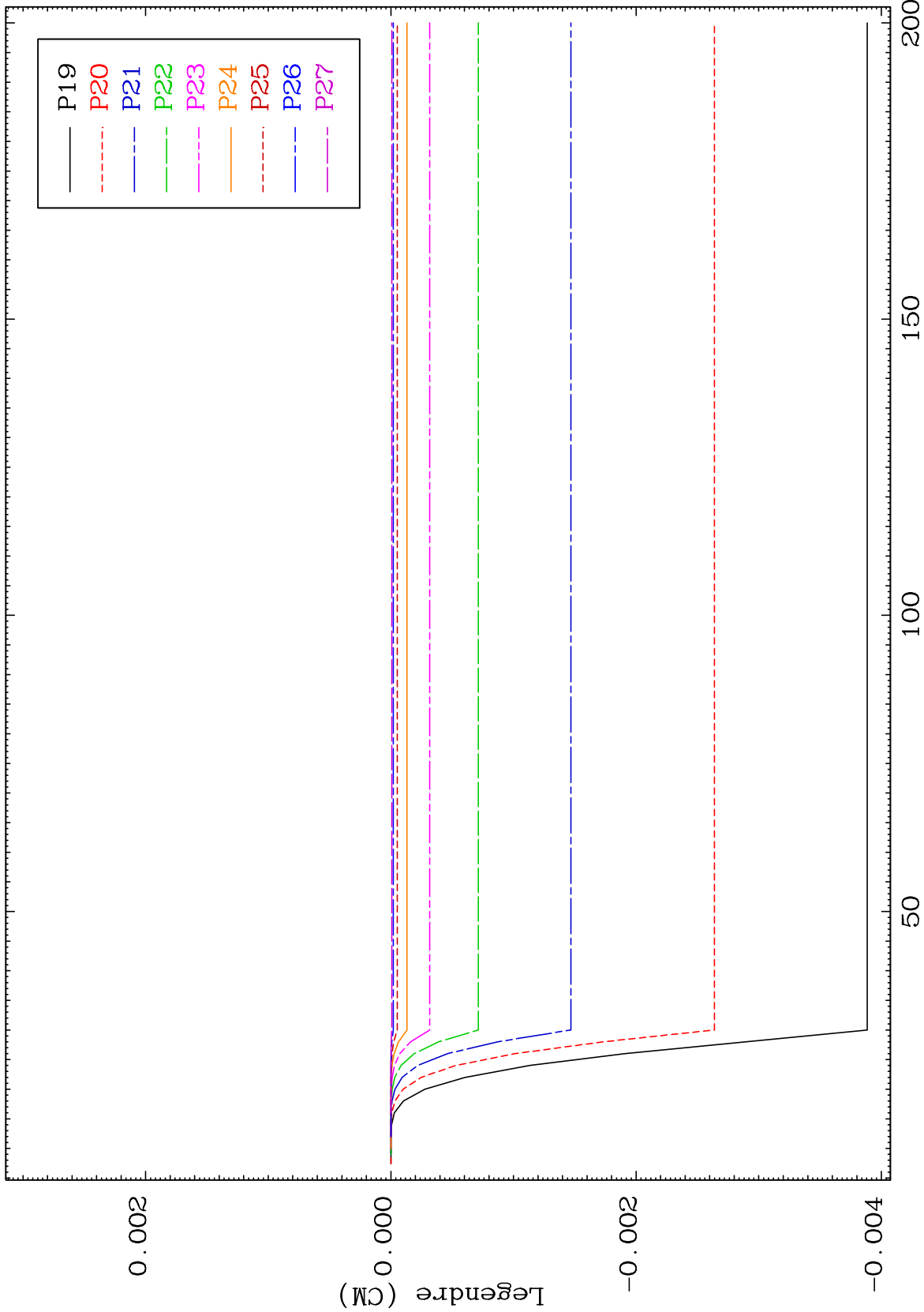
54-Xe-134

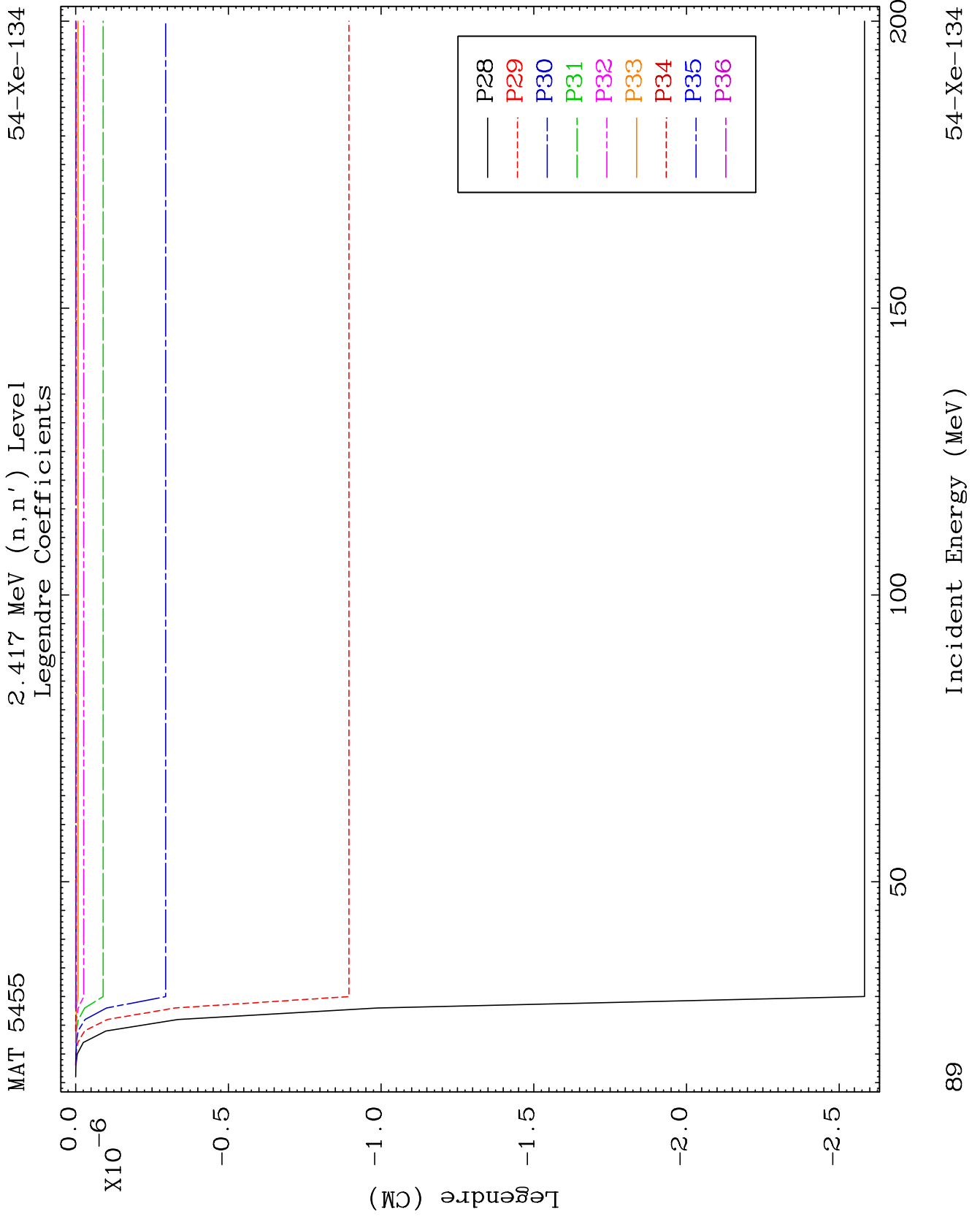


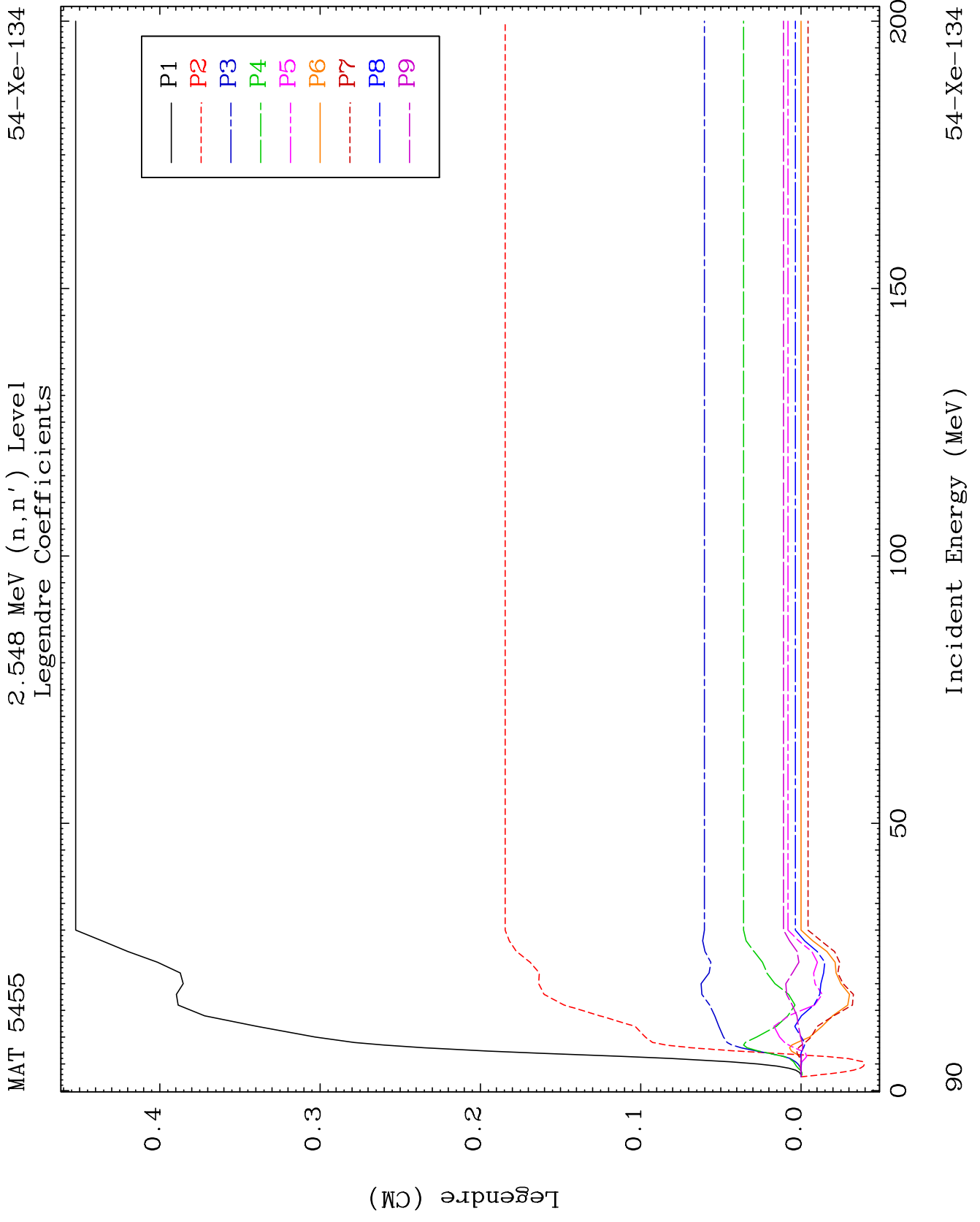
87

Incident Energy (MeV)

54-Xe-134



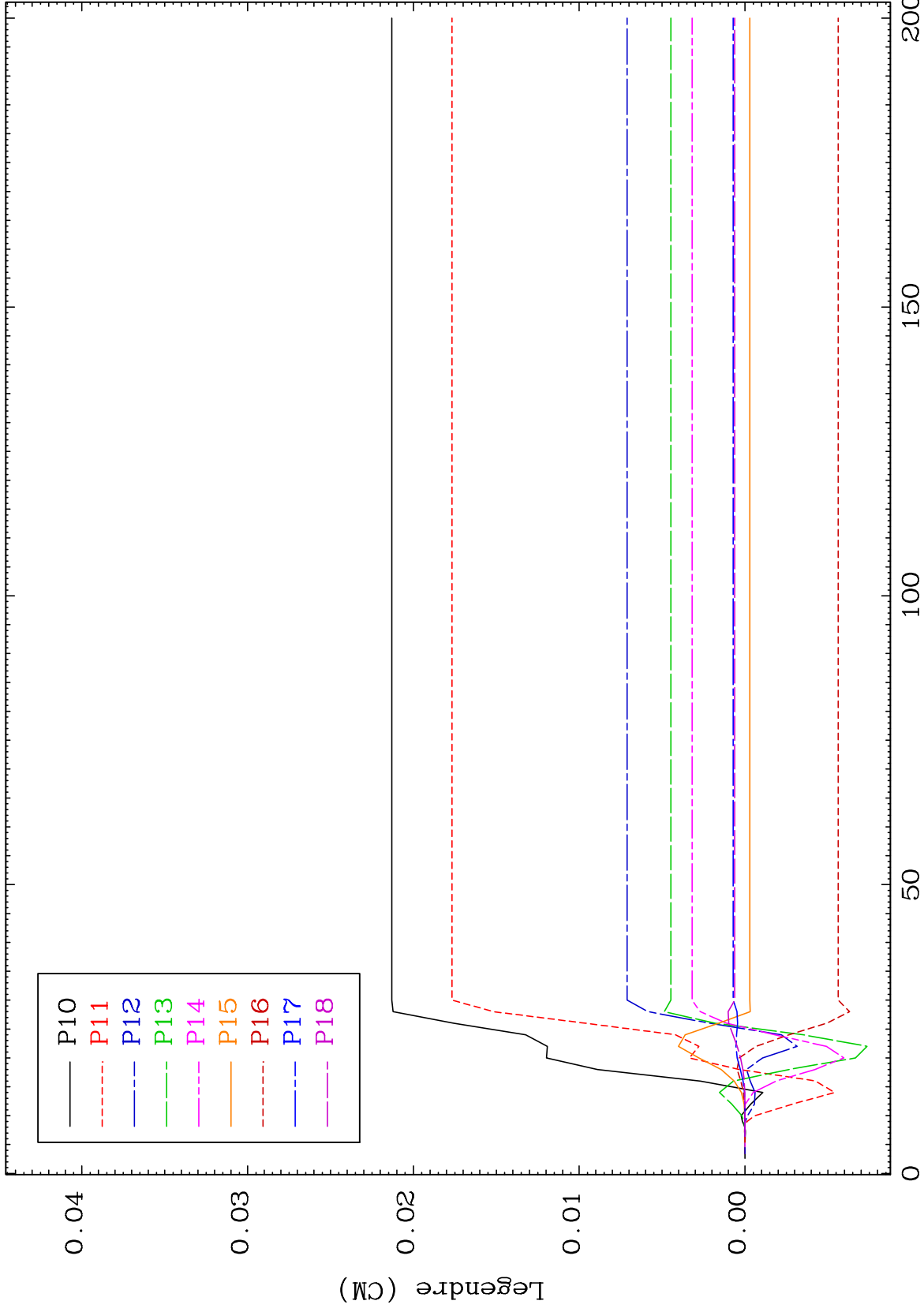




MAT 5455

2.548 MeV (n,n') Level
Legendre Coefficients

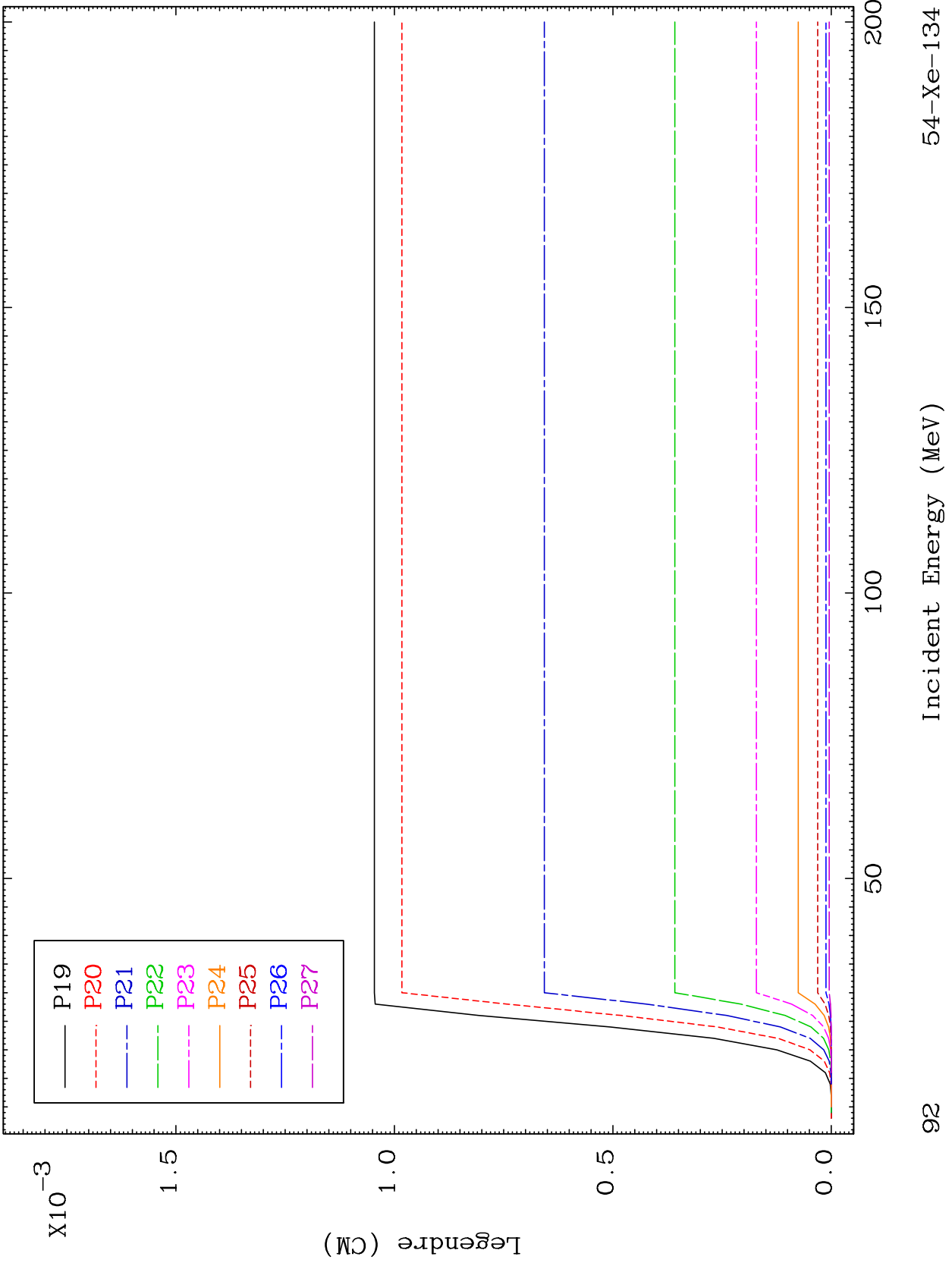
54-Xe-134



91

Incident Energy (MeV)

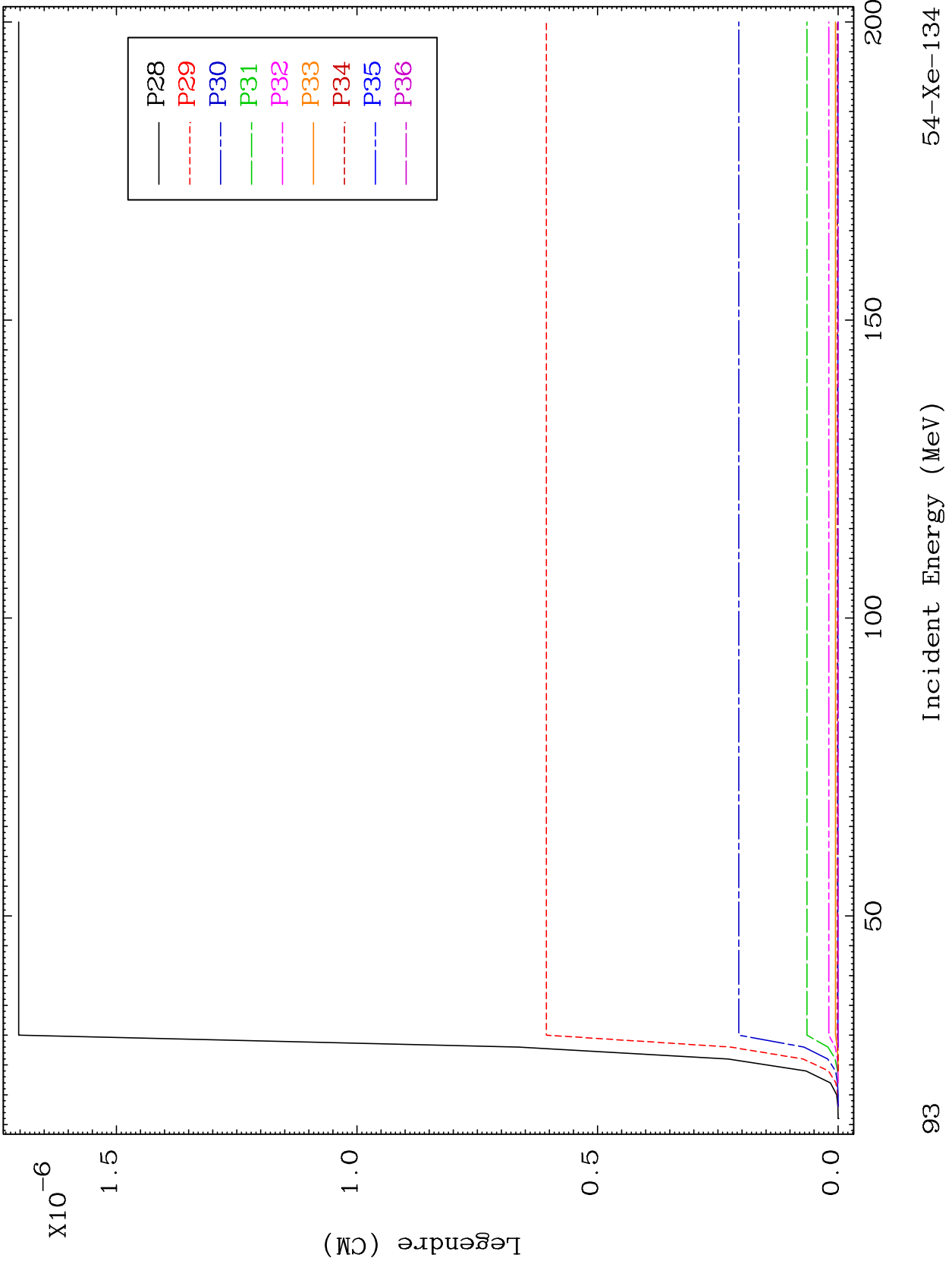
54-Xe-134

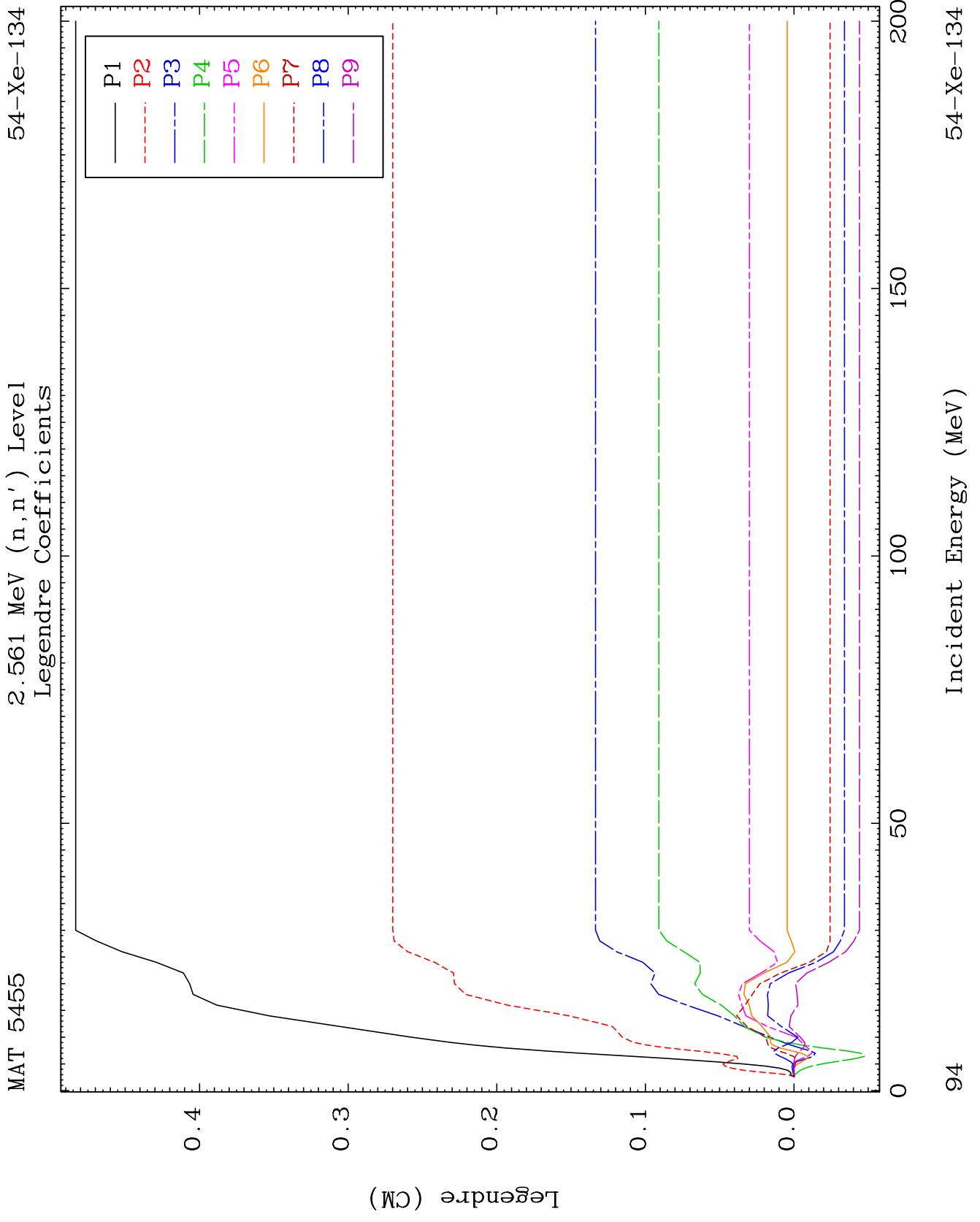


MAT 5455

2.548 MeV (n,n') Level
Legendre Coefficients

54-Xe-134

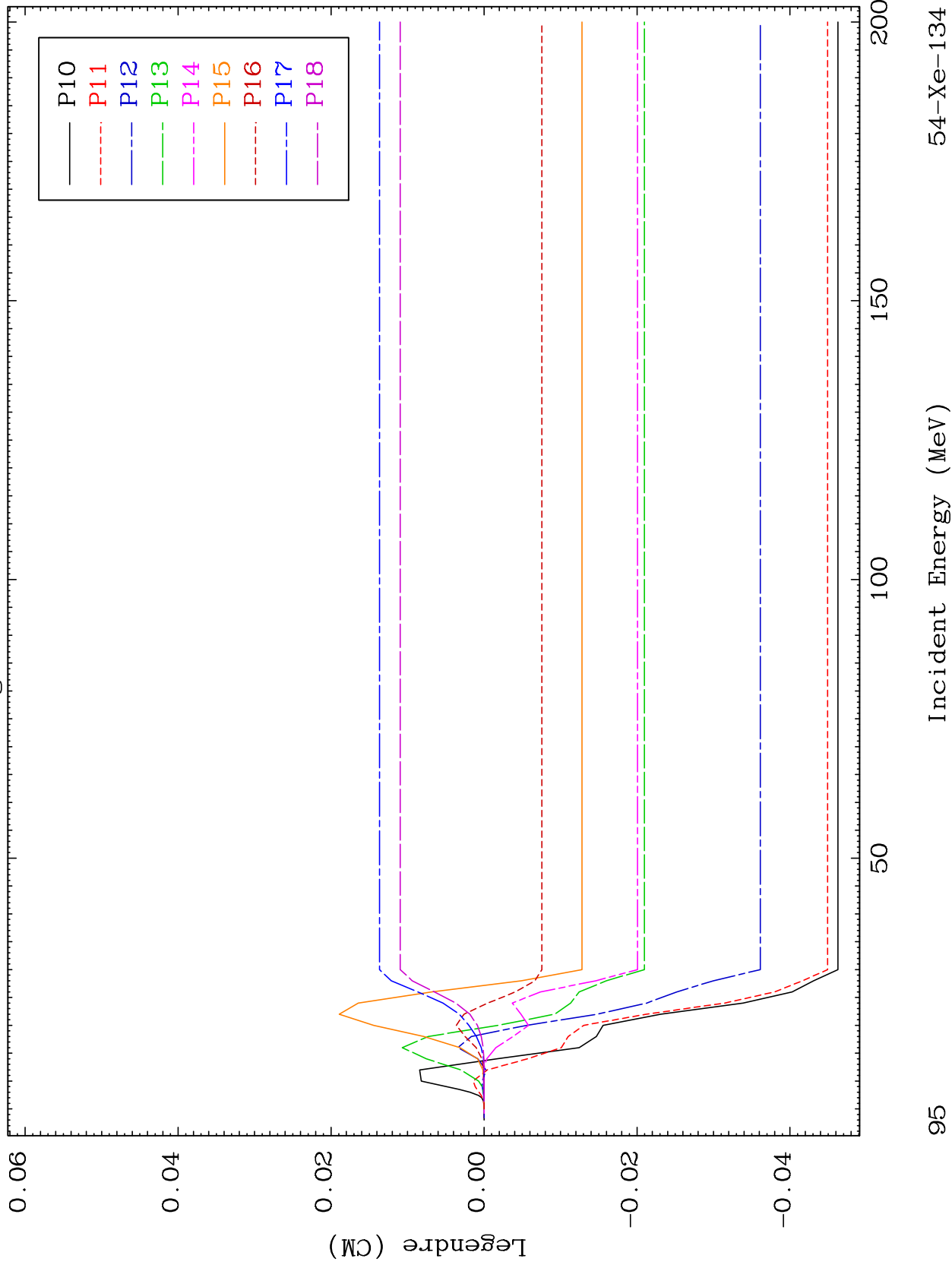




MAT 5455

2.561 MeV (n, n') Level
Legendre Coefficients

54-Xe-134



95

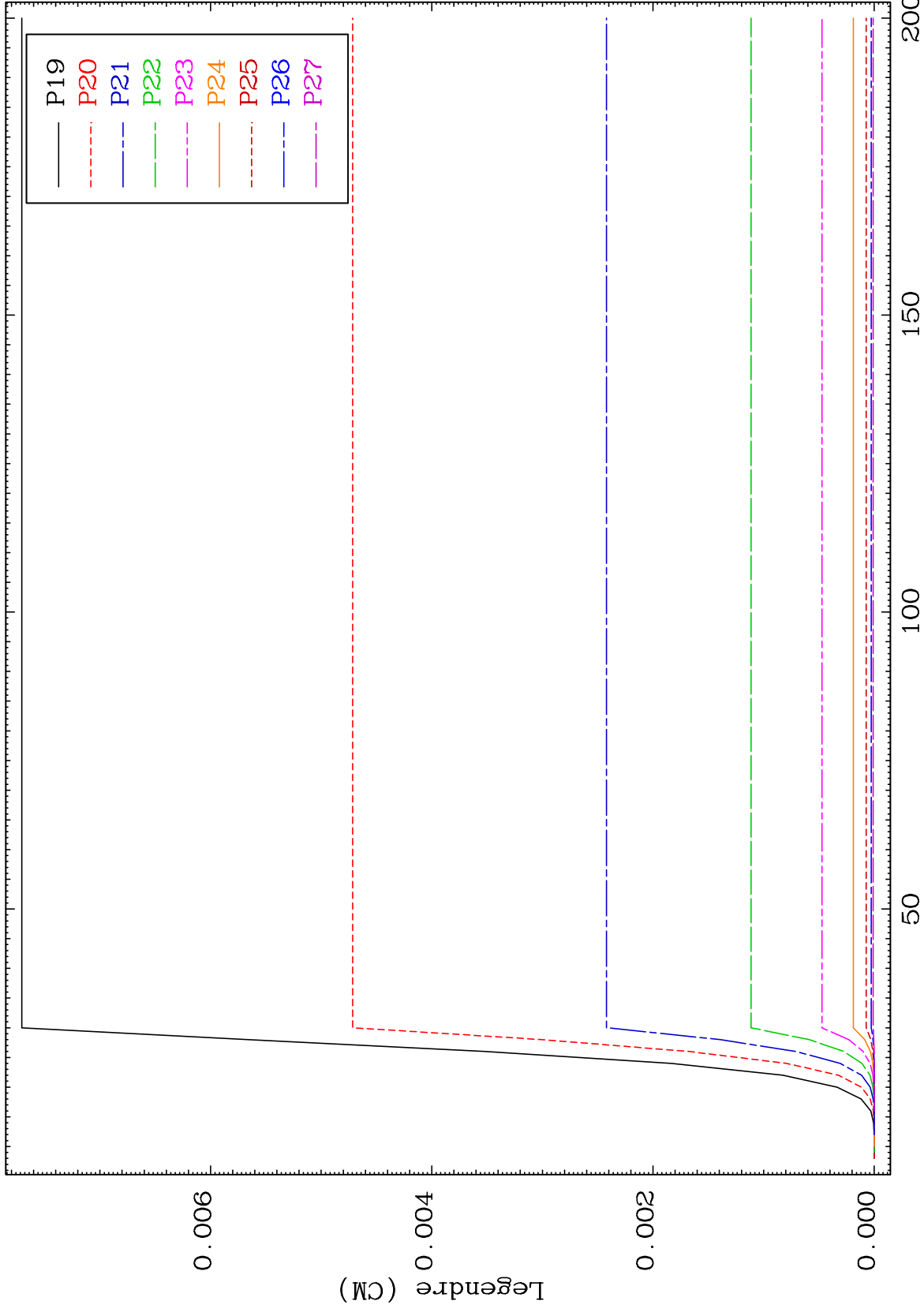
Incident Energy (MeV)

54-Xe-134

MAT 5455

2.561 MeV (n, n') Level
Legendre Coefficients

54-Xe-134



96

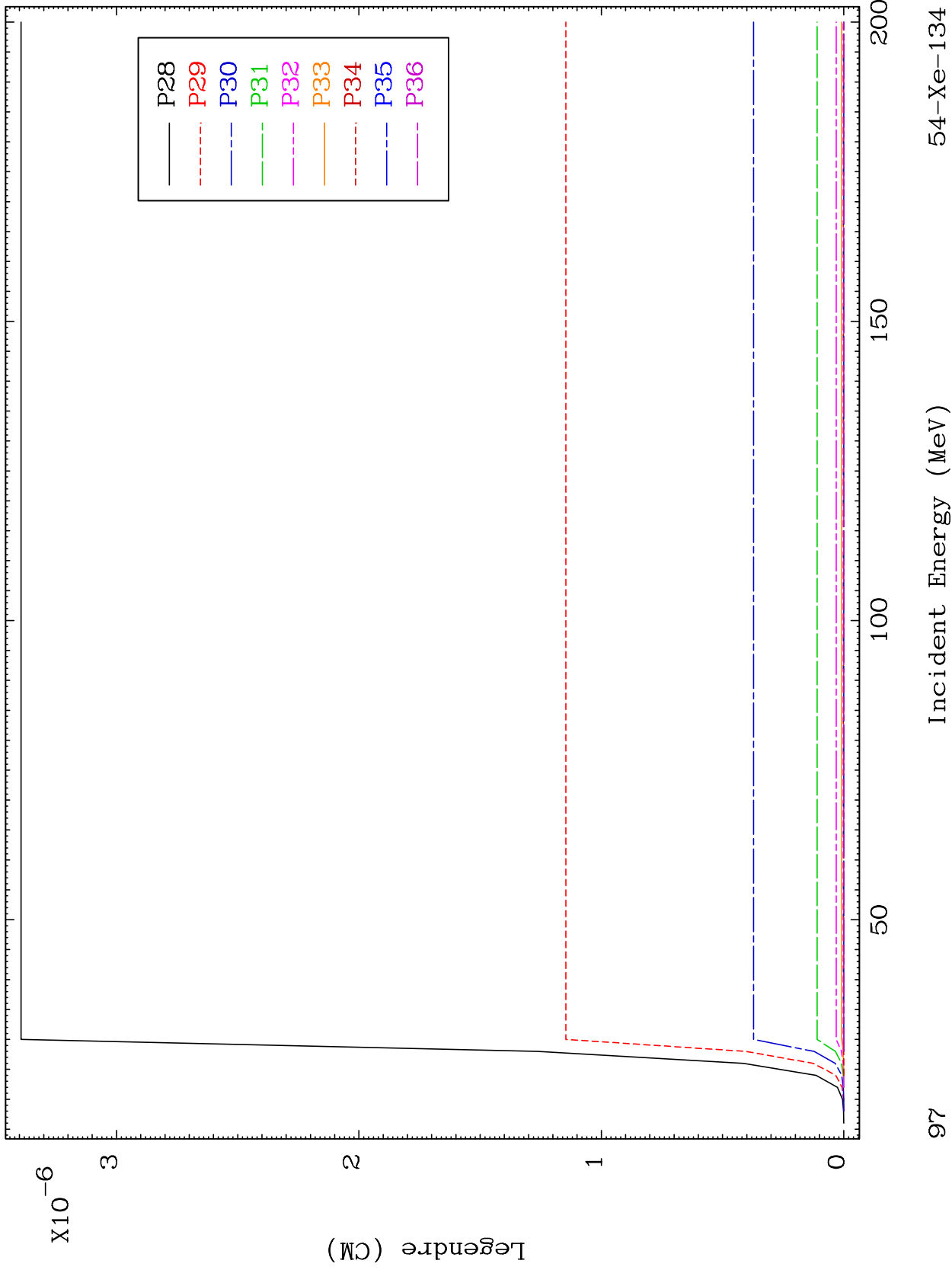
Incident Energy (MeV)

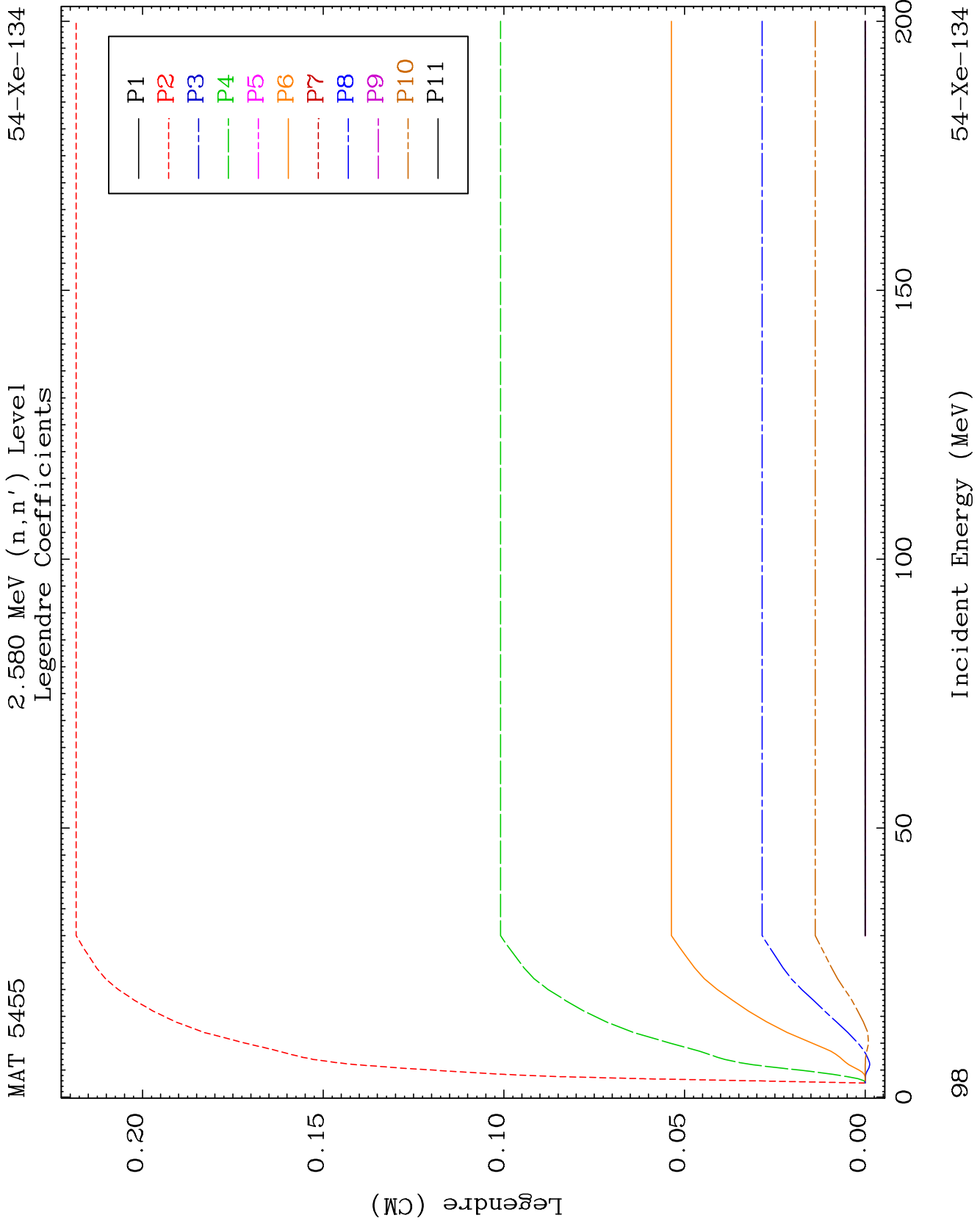
54-Xe-134

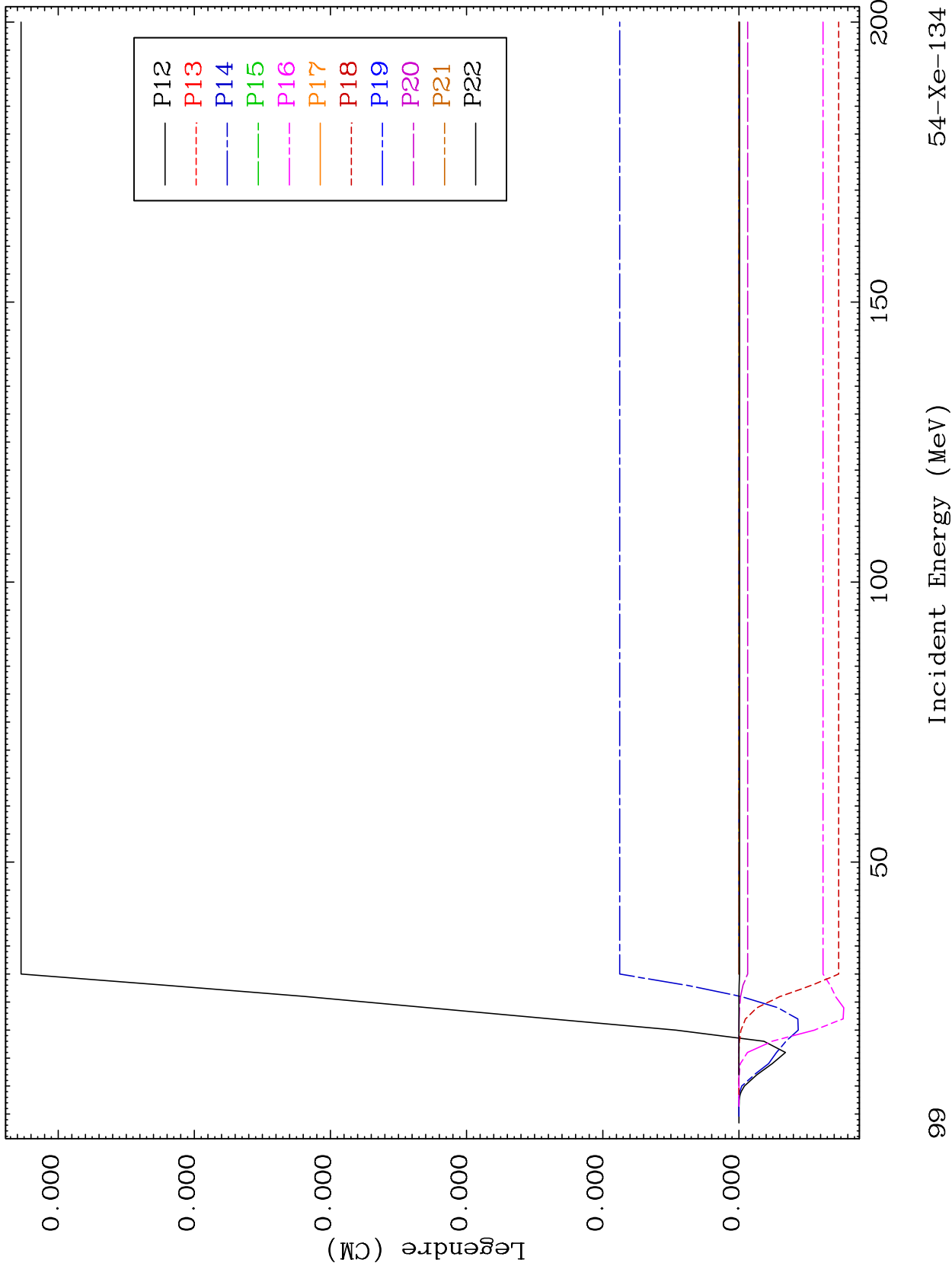
MAT 5455

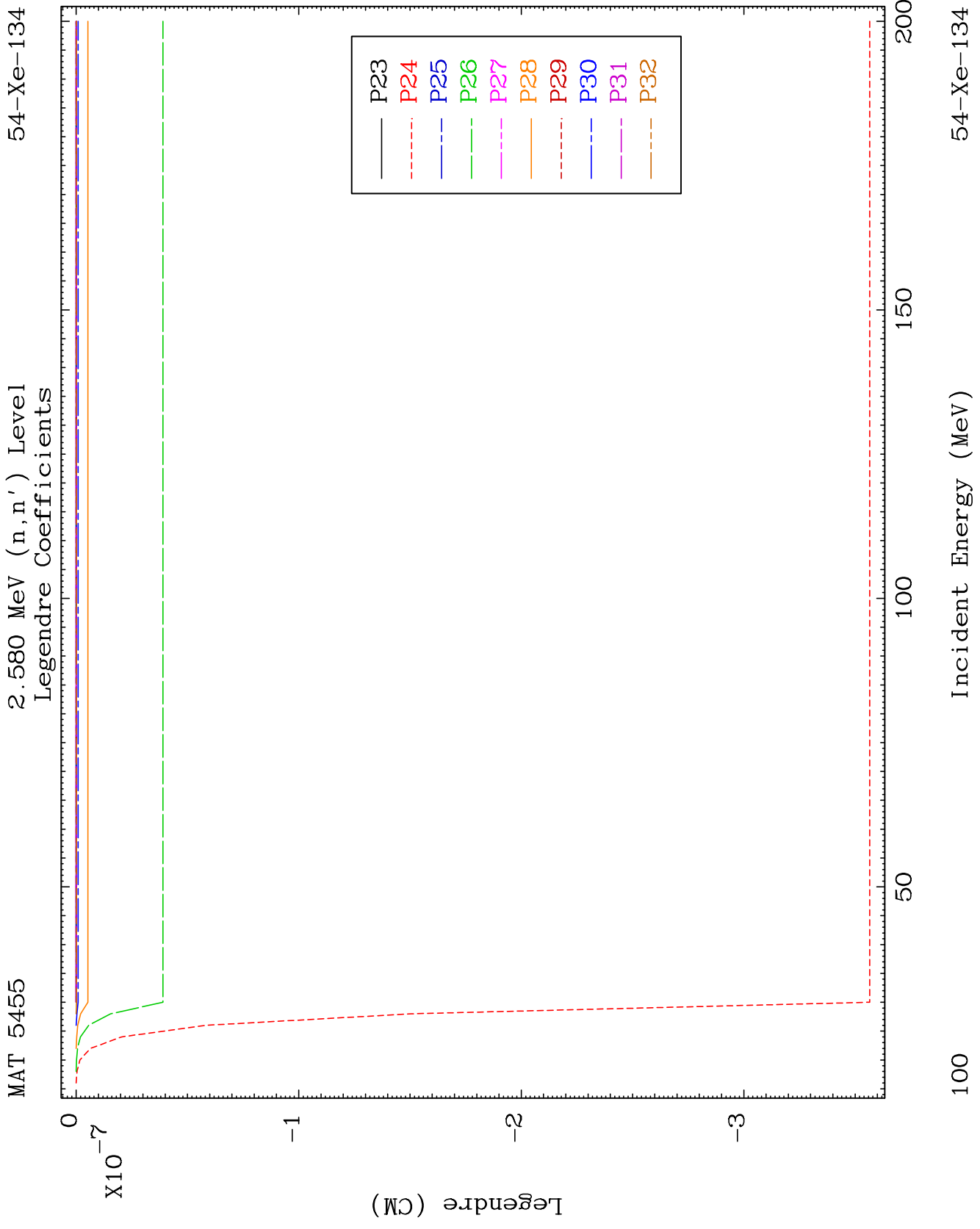
2.561 MeV (n,n') Level
Legendre Coefficients

54-Xe-134





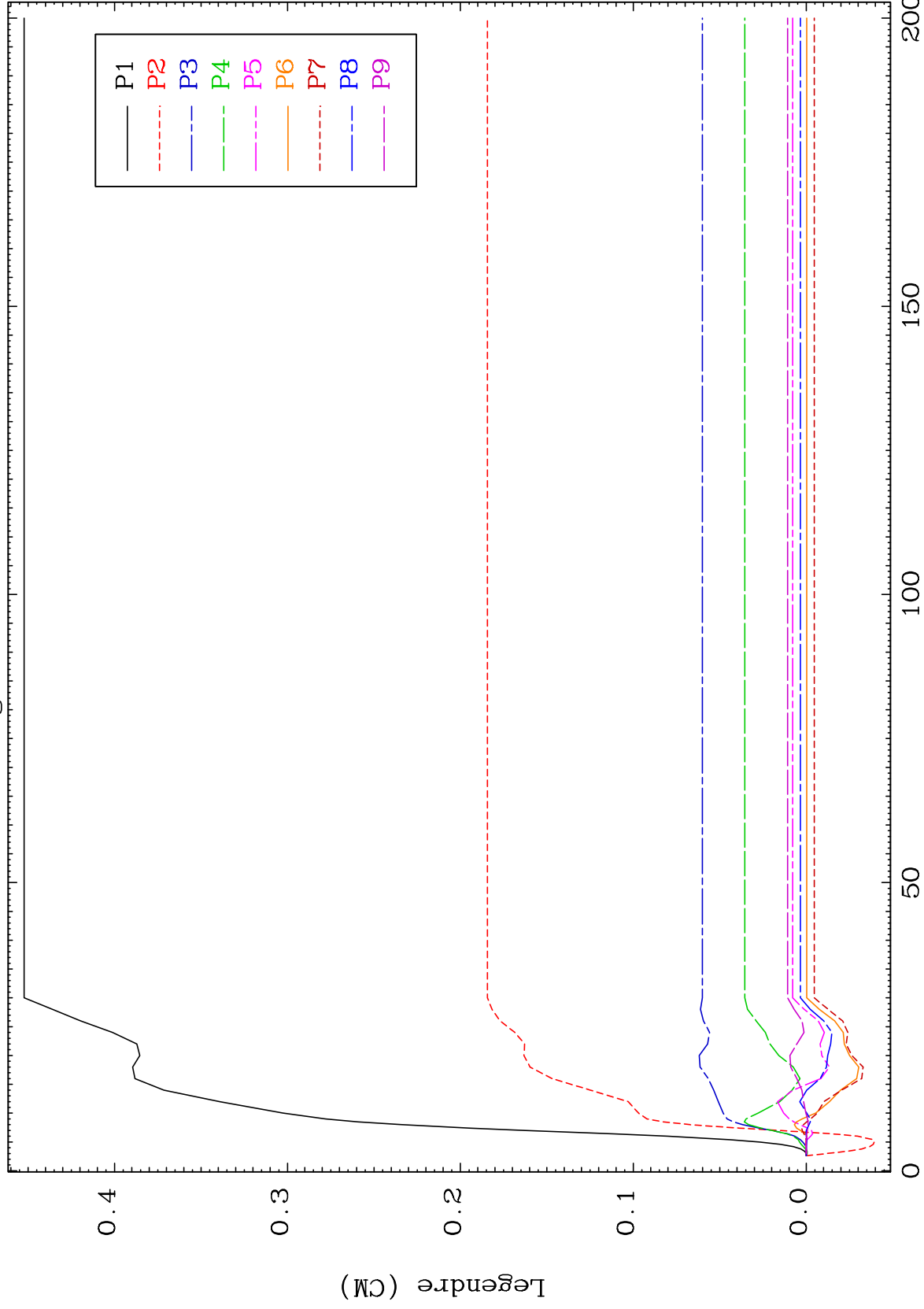




MAT 5455

2.588 MeV (n,n') Level
Legendre Coefficients

54-Xe-134



101

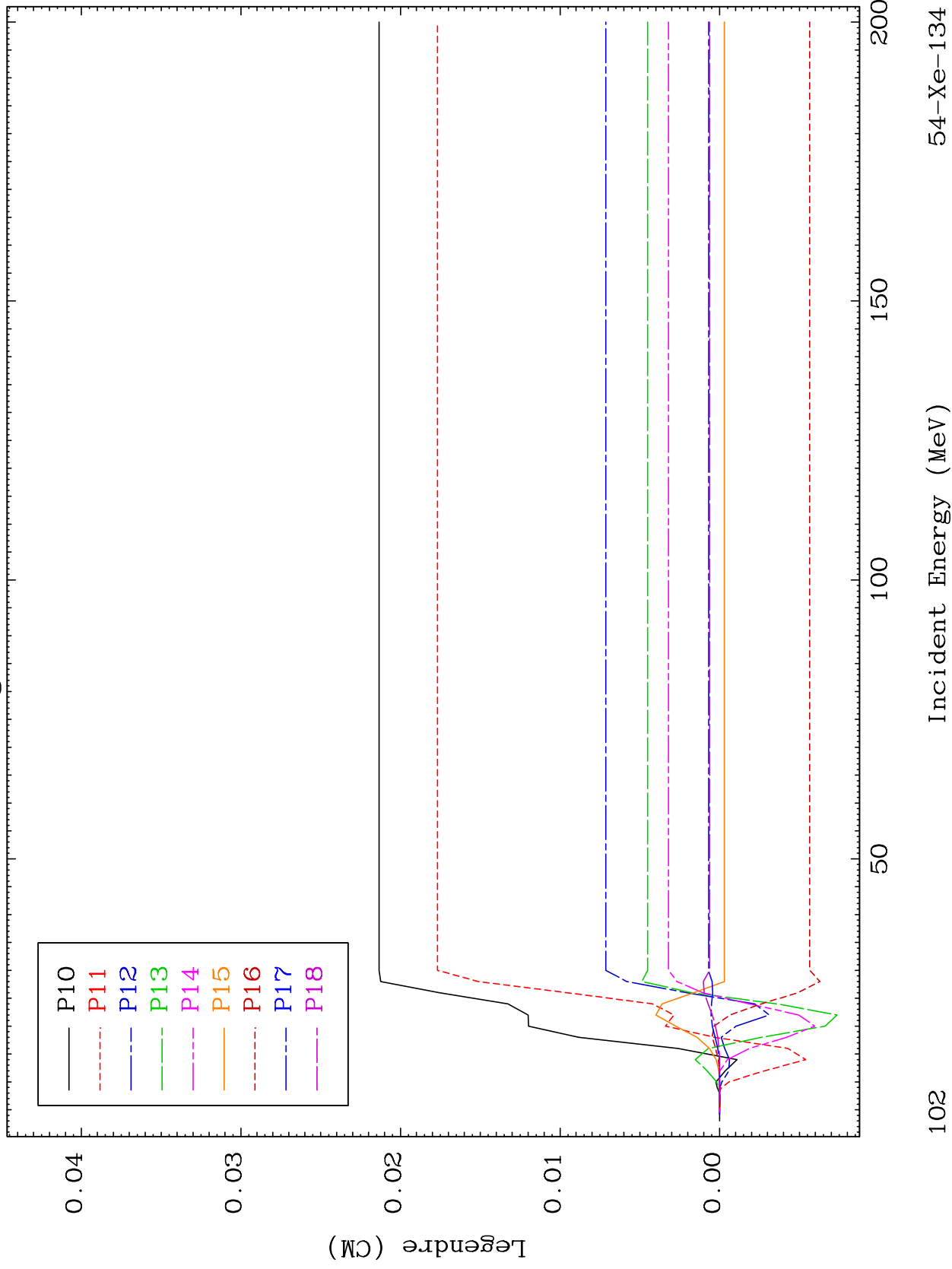
Incident Energy (MeV)

54-Xe-134

MAT 5455

2.588 MeV (n,n') Level
Legendre Coefficients

54-Xe-134



102

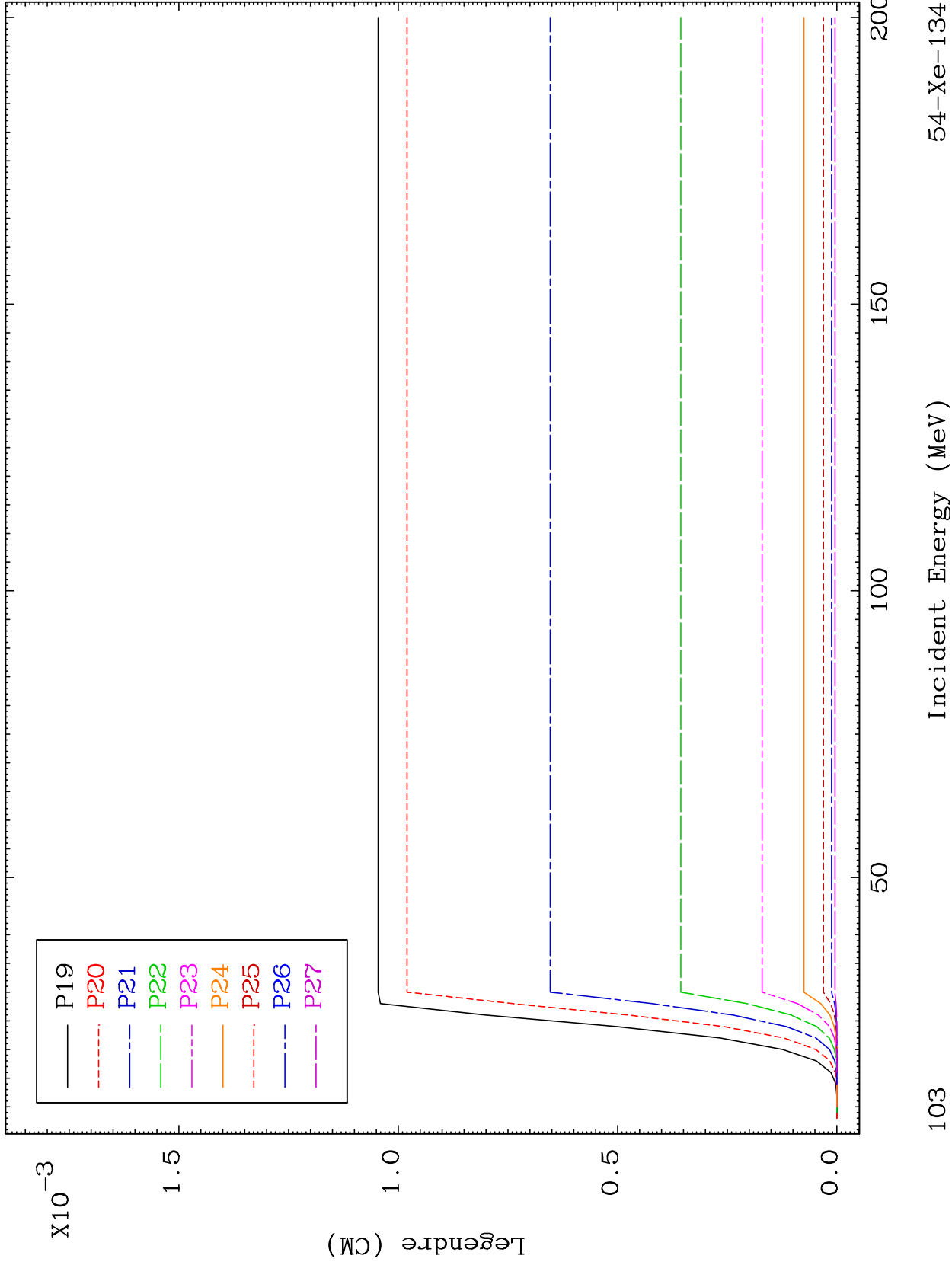
Incident Energy (MeV)

54-Xe-134

MAT 5455

2.588 MeV (n, n') Level
Legendre Coefficients

54-Xe-134

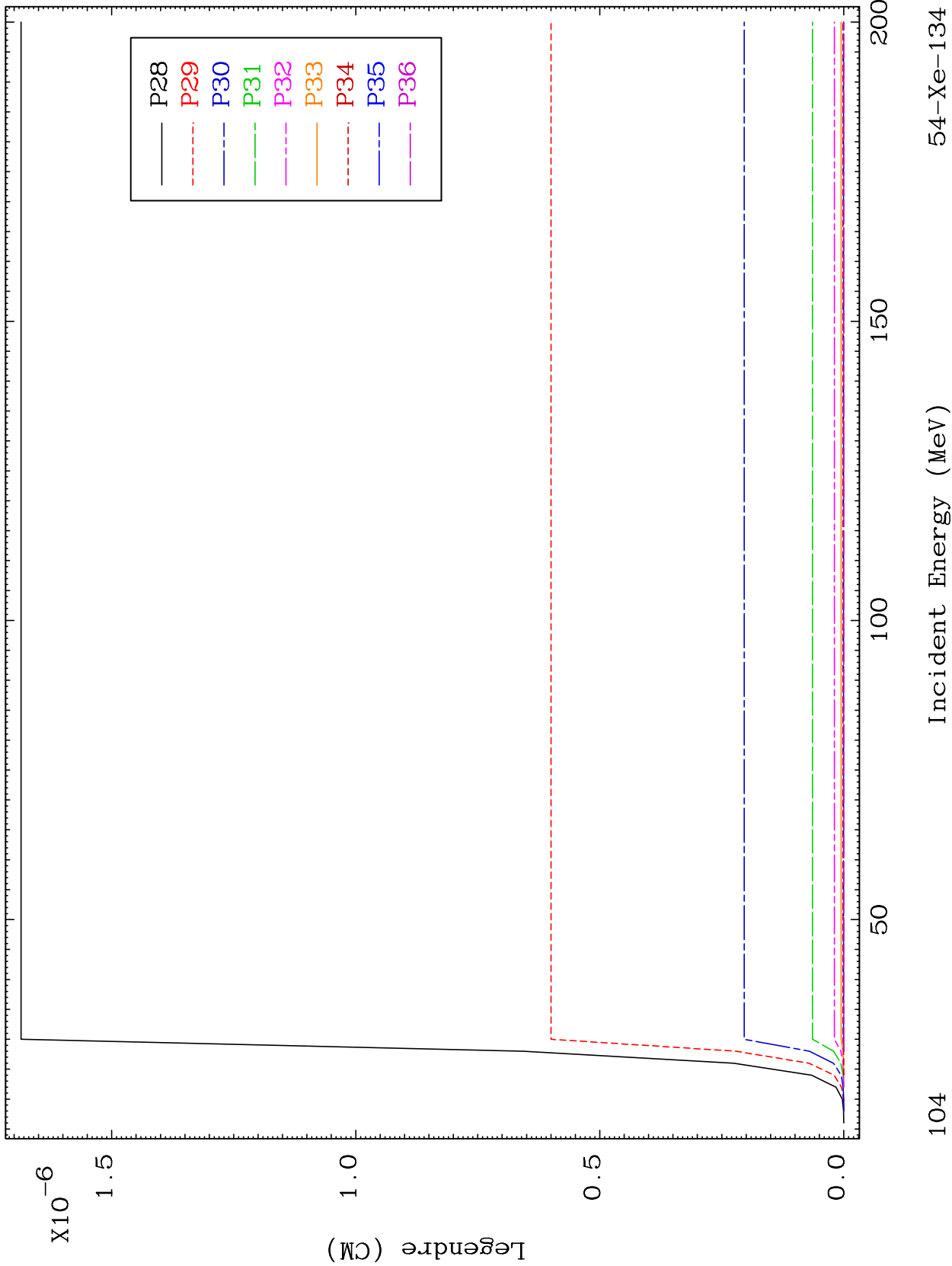


103

MAT 5455

2.588 MeV (n, n') Level
Legendre Coefficients

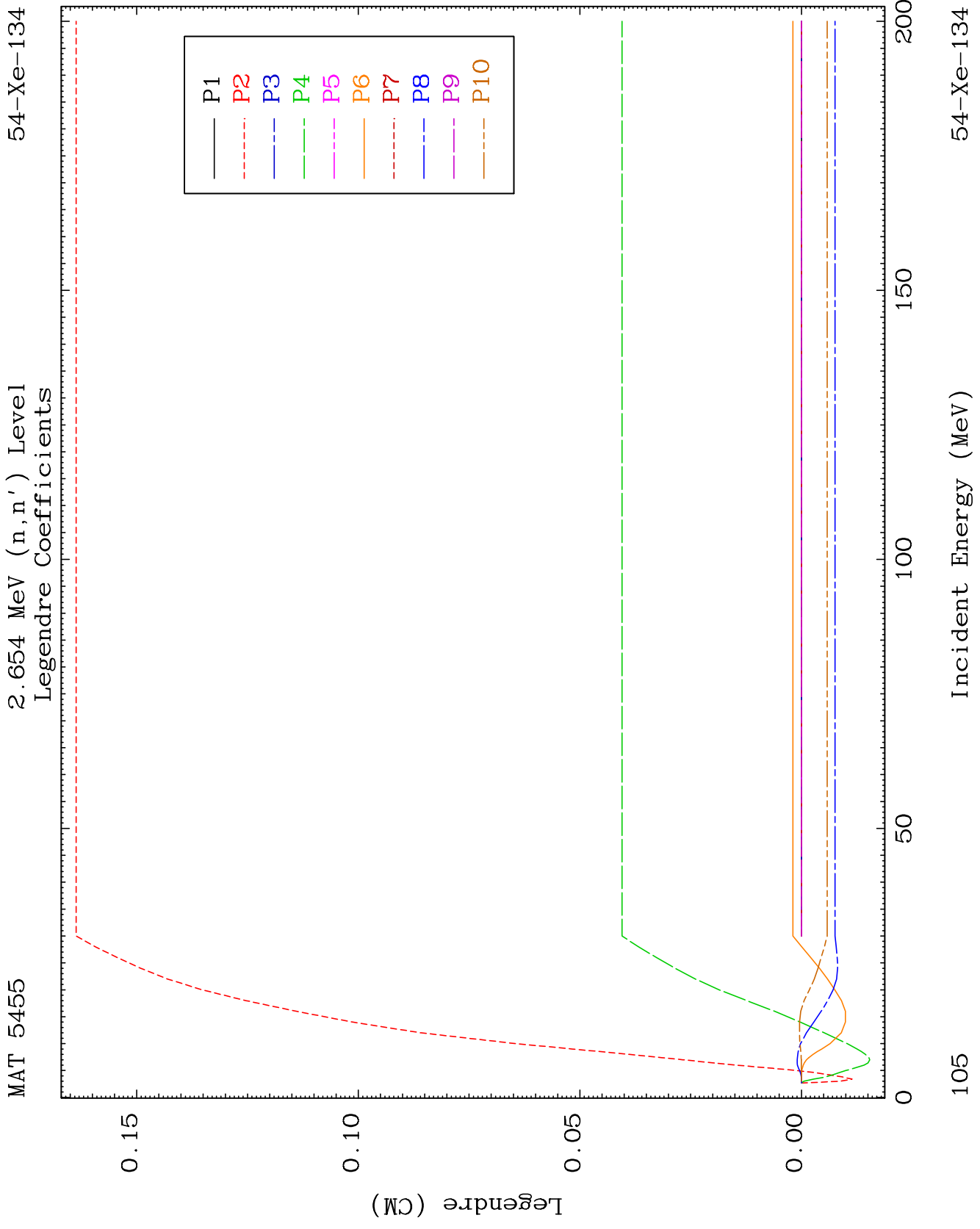
54-Xe-134



104

Incident Energy (MeV)

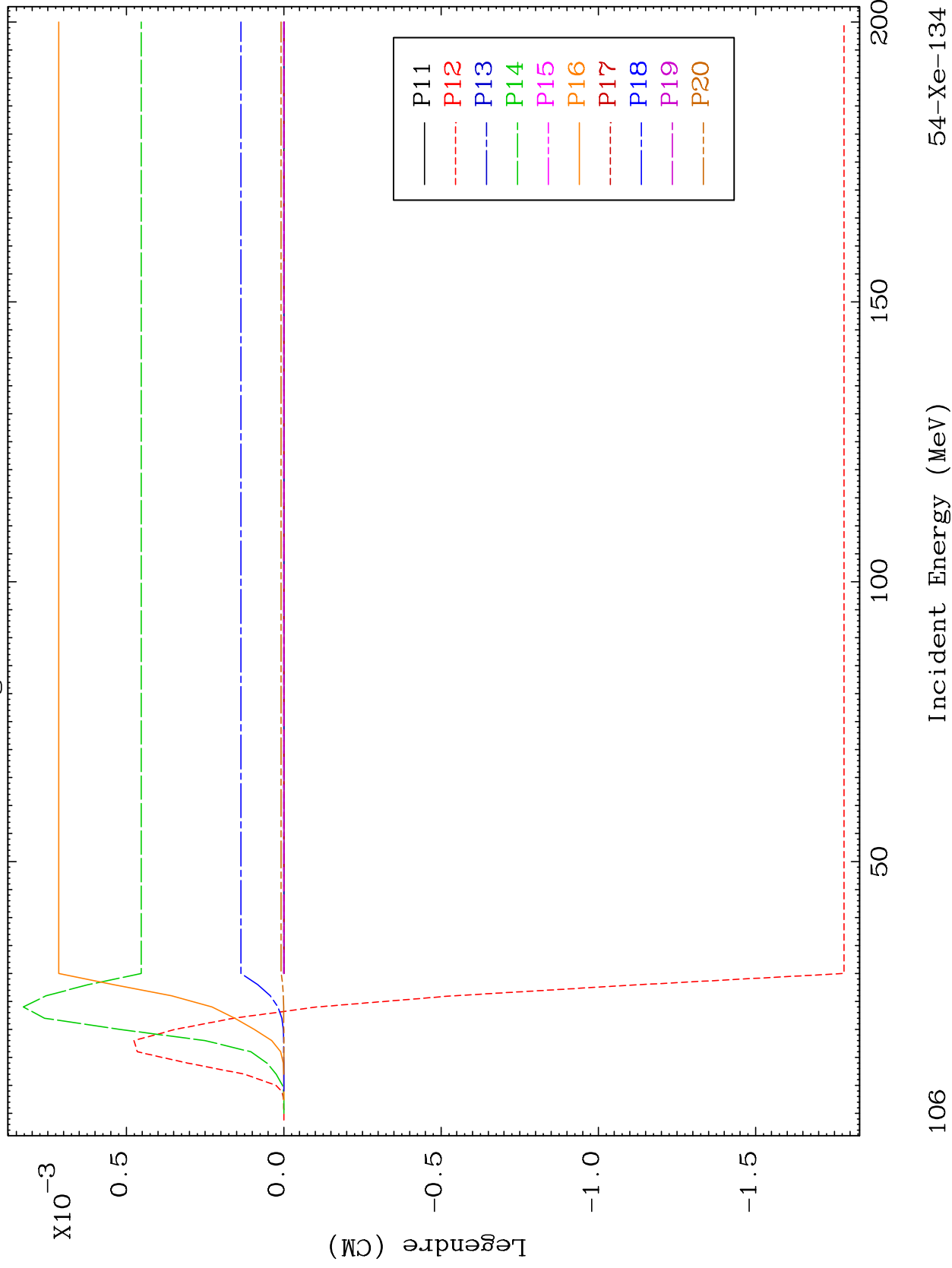
54-Xe-134



MAT 5455

2.654 MeV (n,n') Level
Legendre Coefficients

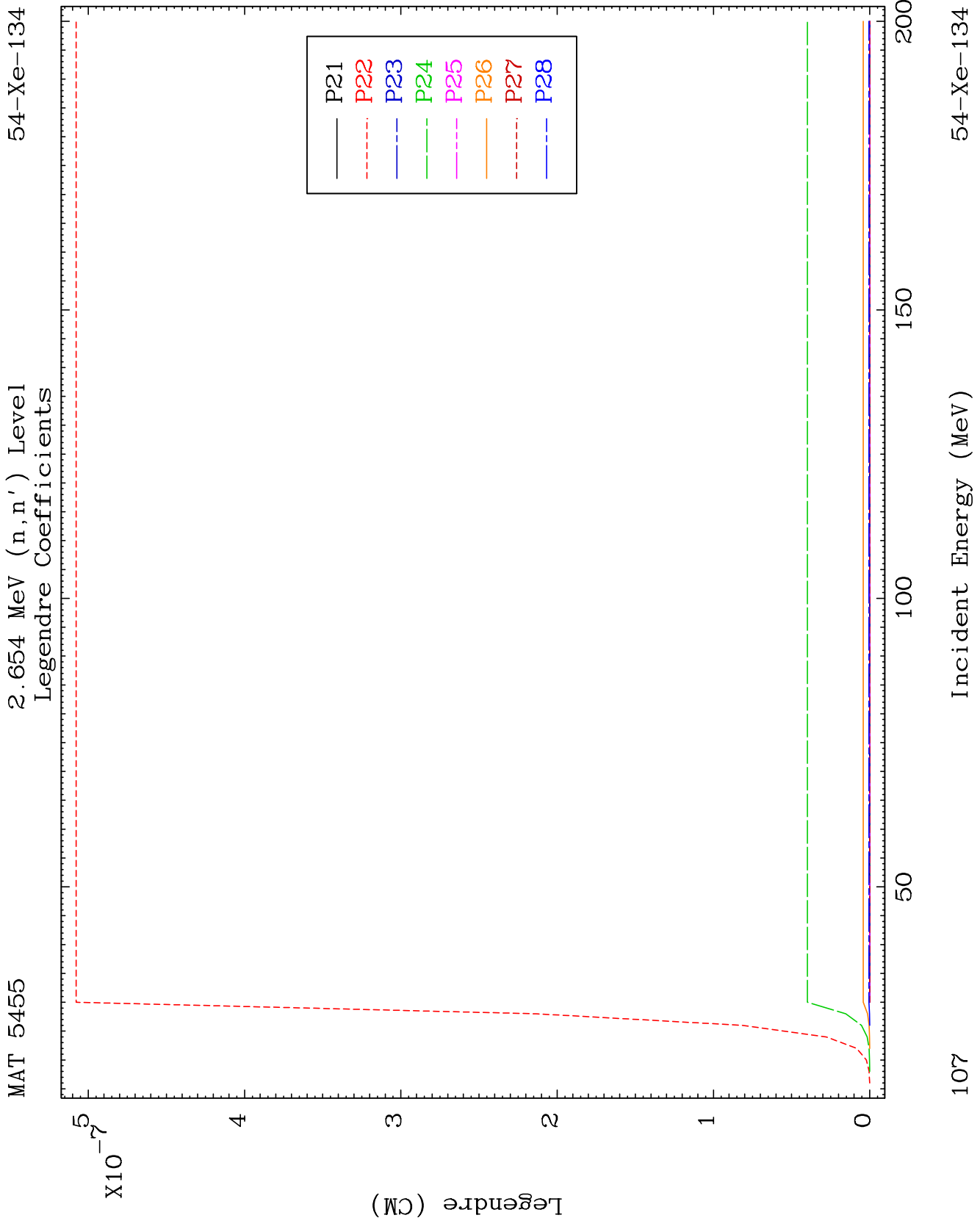
54-Xe-134



106

Incident Energy (MeV)

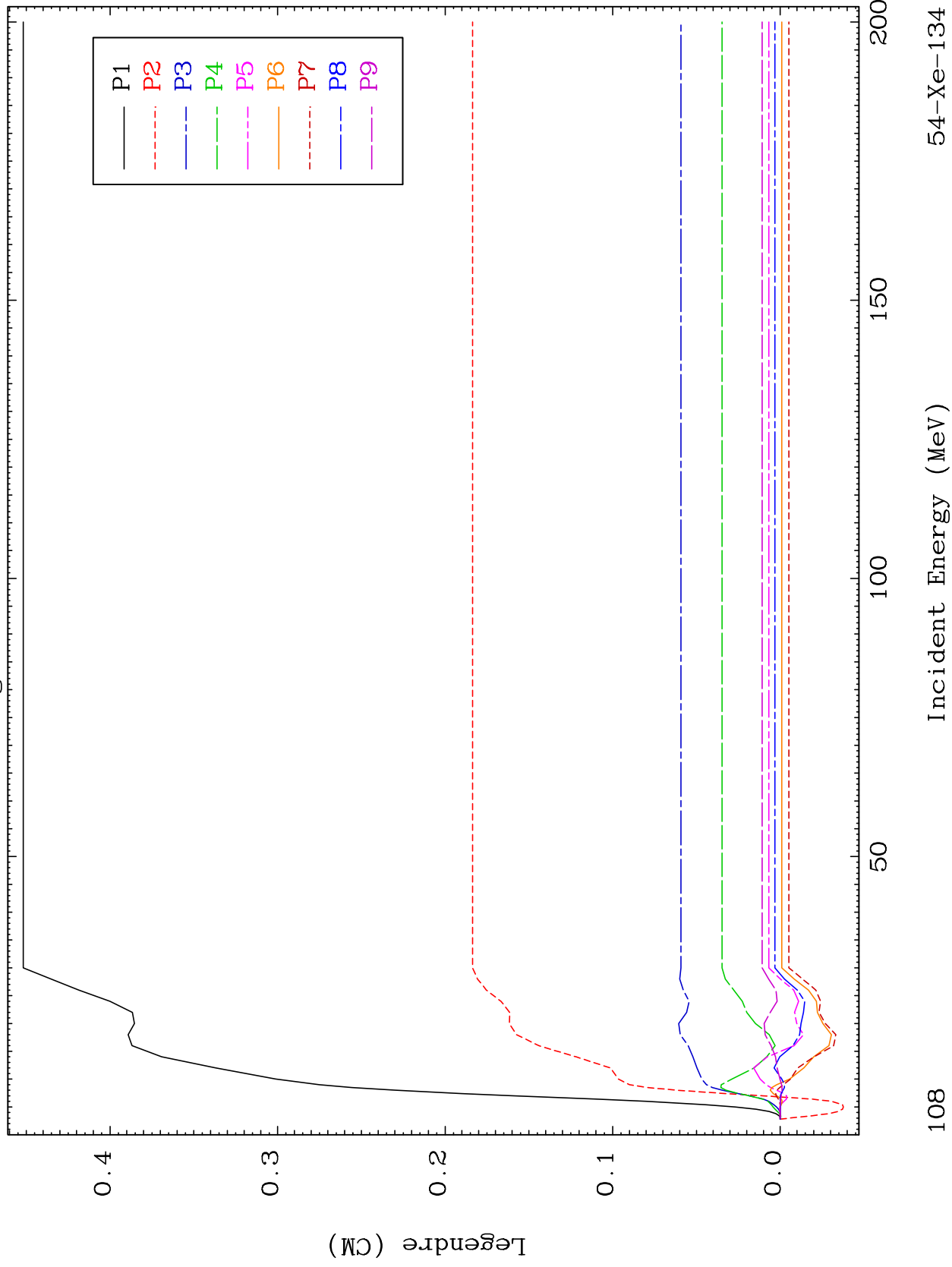
54-Xe-134



MAT 5455

2.773 MeV (n,n') Level
Legendre Coefficients

54-Xe-134



54-Xe-134

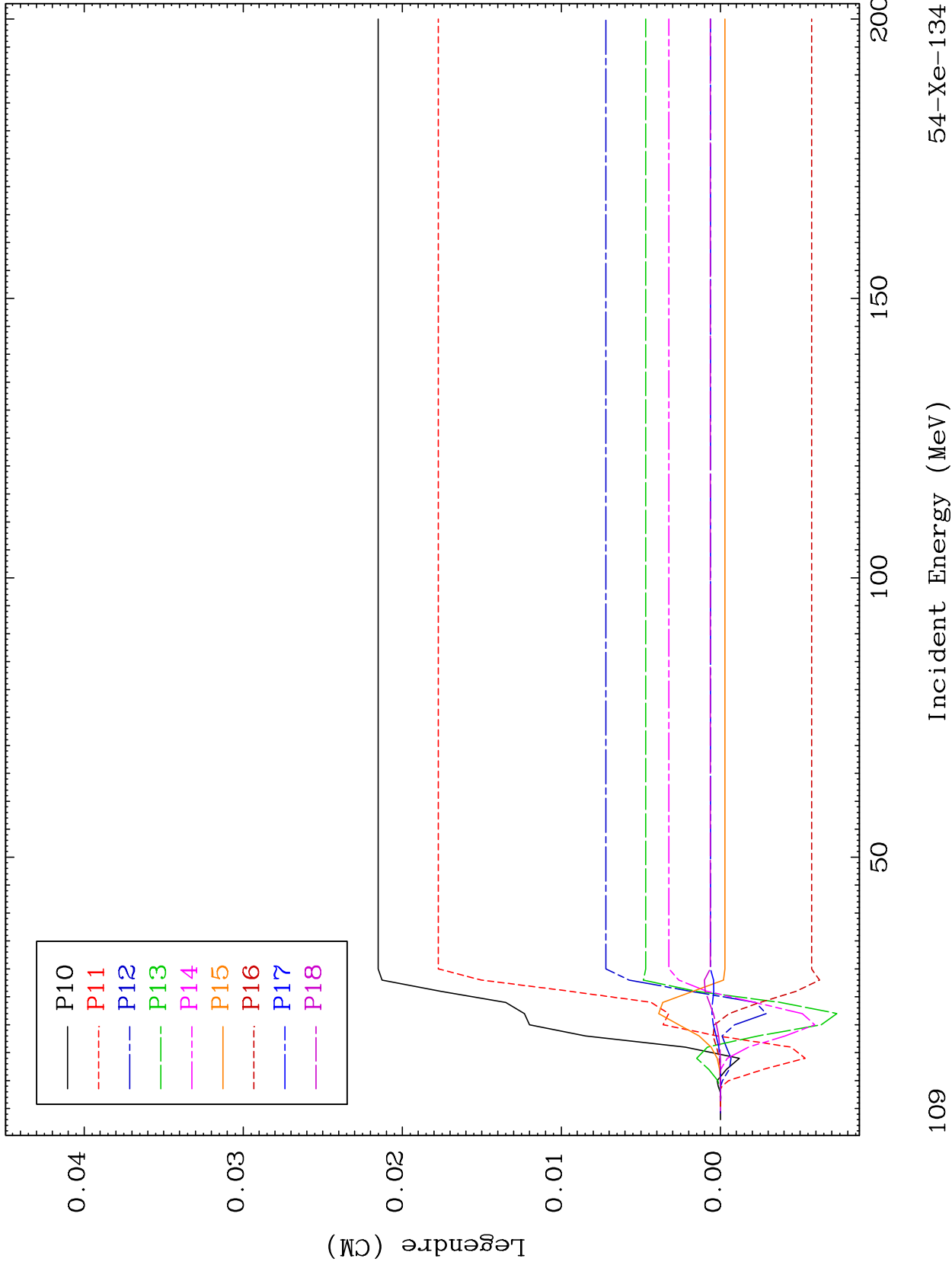
Incident Energy (MeV)

108

MAT 5455

2.773 MeV (n,n') Level
Legendre Coefficients

54-Xe-134



109

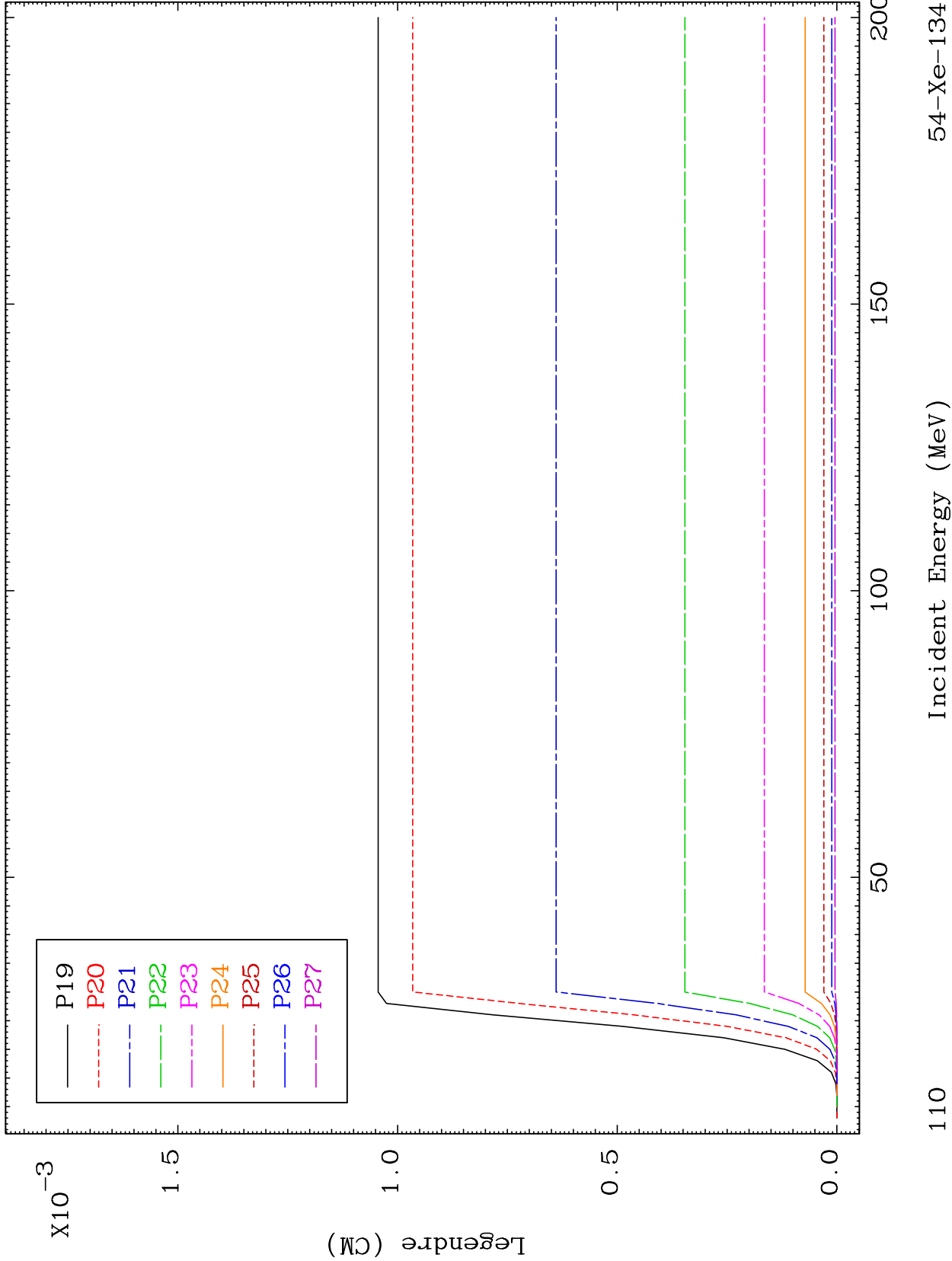
Incident Energy (MeV)

54-Xe-134

MAT 5455

2.773 MeV (n, n') Level
Legendre Coefficients

54-Xe-134



110

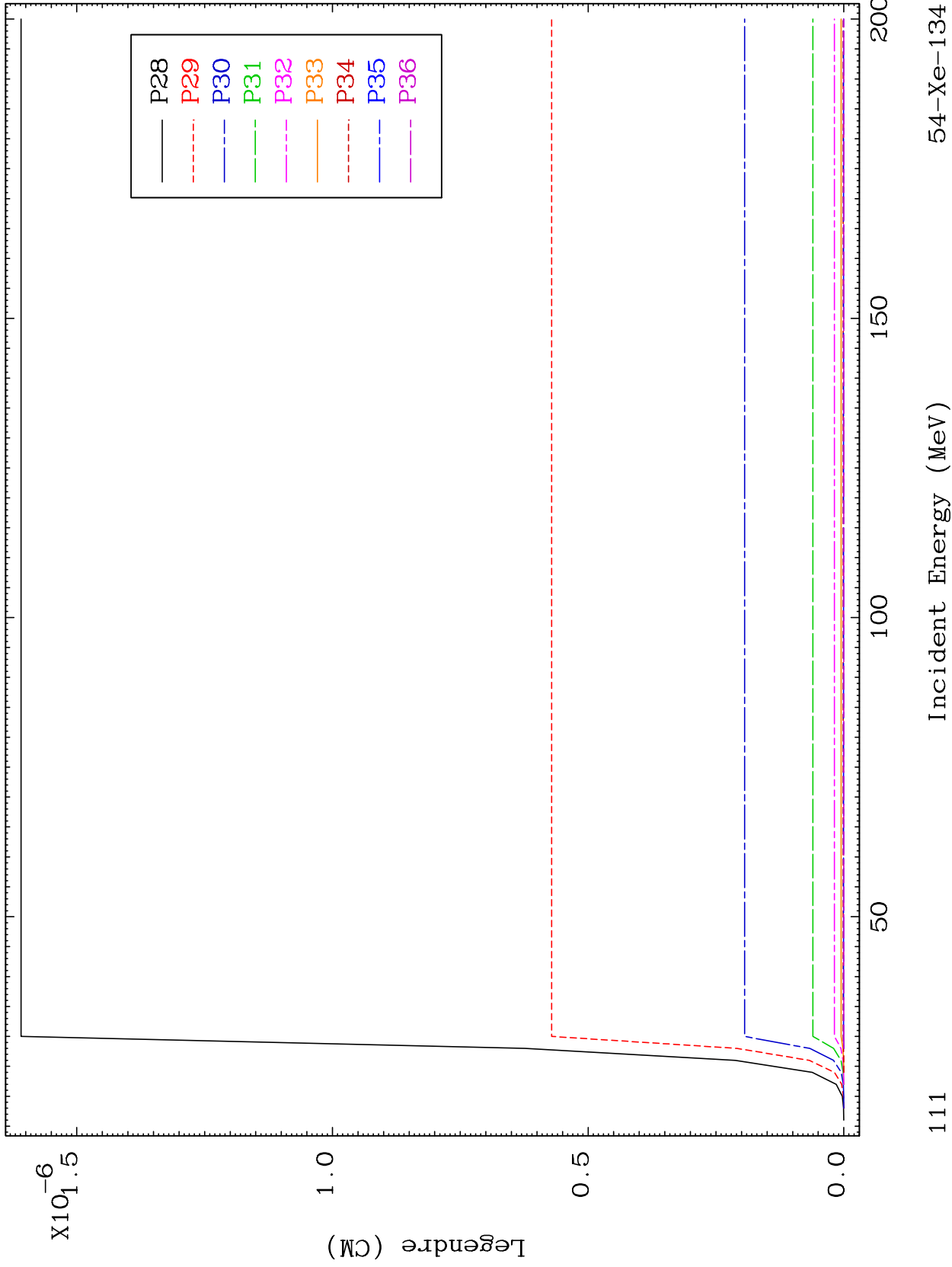
Incident Energy (MeV)

54-Xe-134

MAT 5455

2.773 MeV (n, n') Level
Legendre Coefficients

54-Xe-134



111

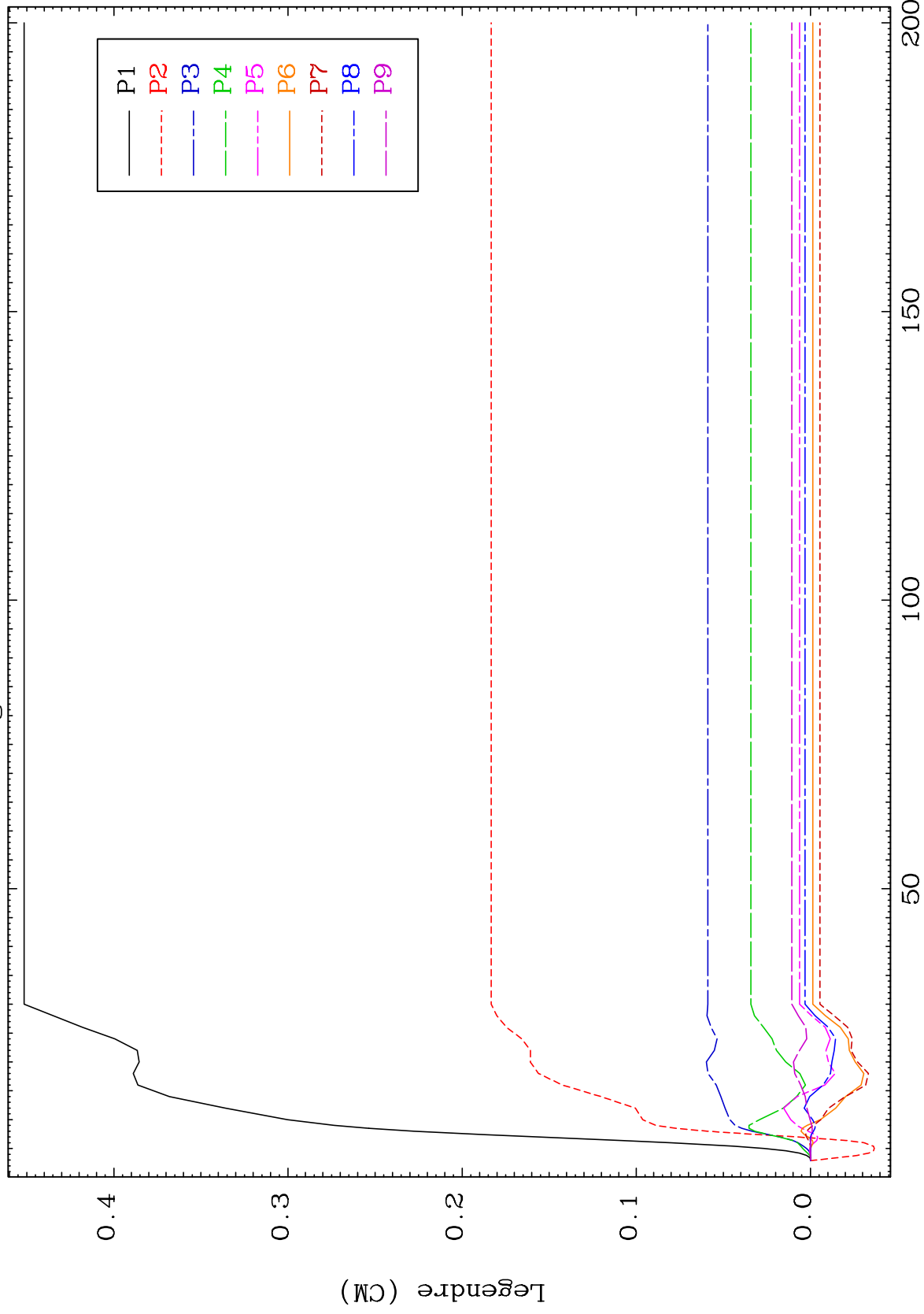
Incident Energy (MeV)

54-Xe-134

MAT 5455

2.867 MeV (n,n') Level
Legendre Coefficients

54-Xe-134



112

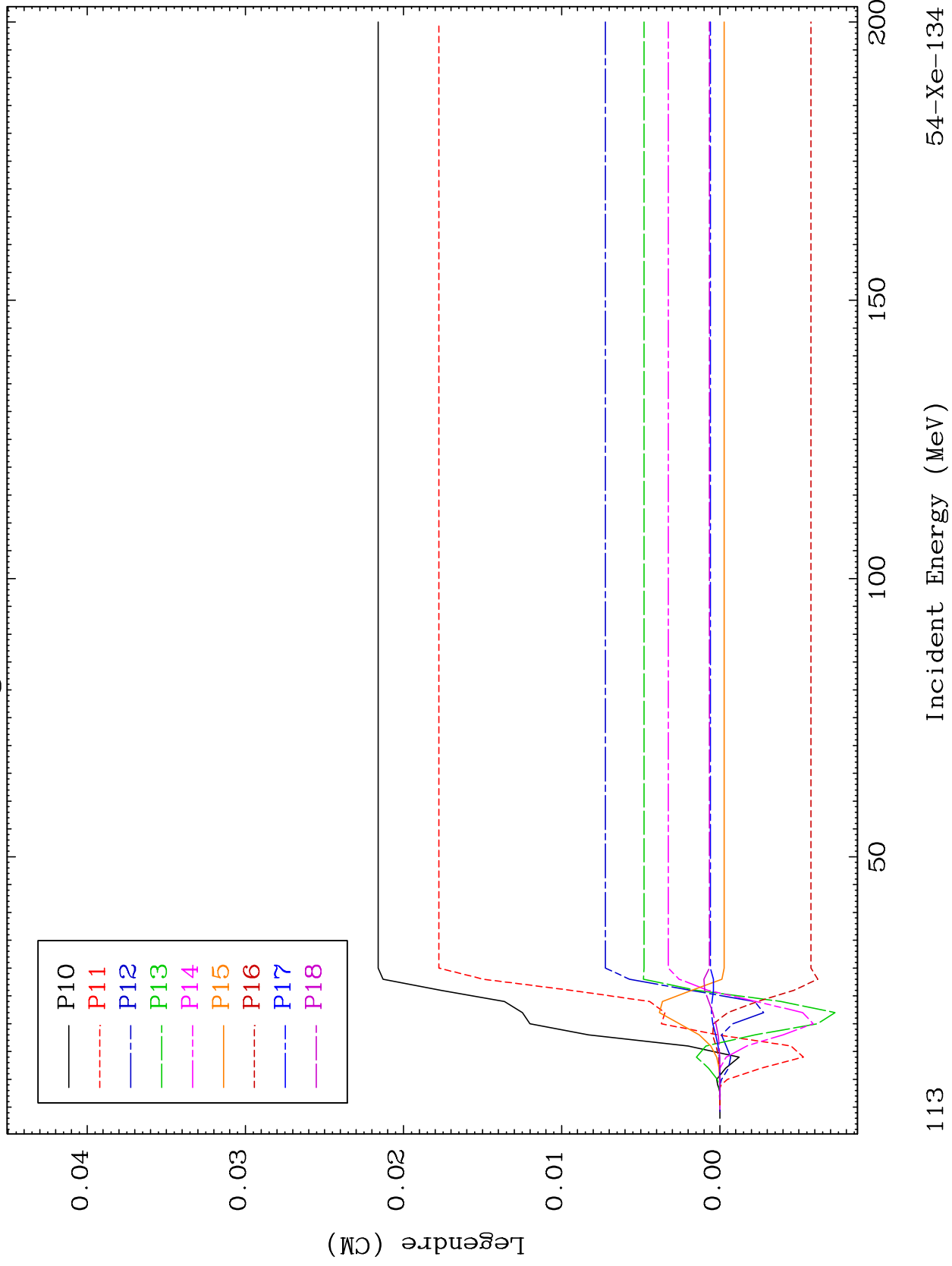
Incident Energy (MeV)

54-Xe-134

MAT 5455

2.867 MeV (n, n') Level
Legendre Coefficients

54-Xe-134



113

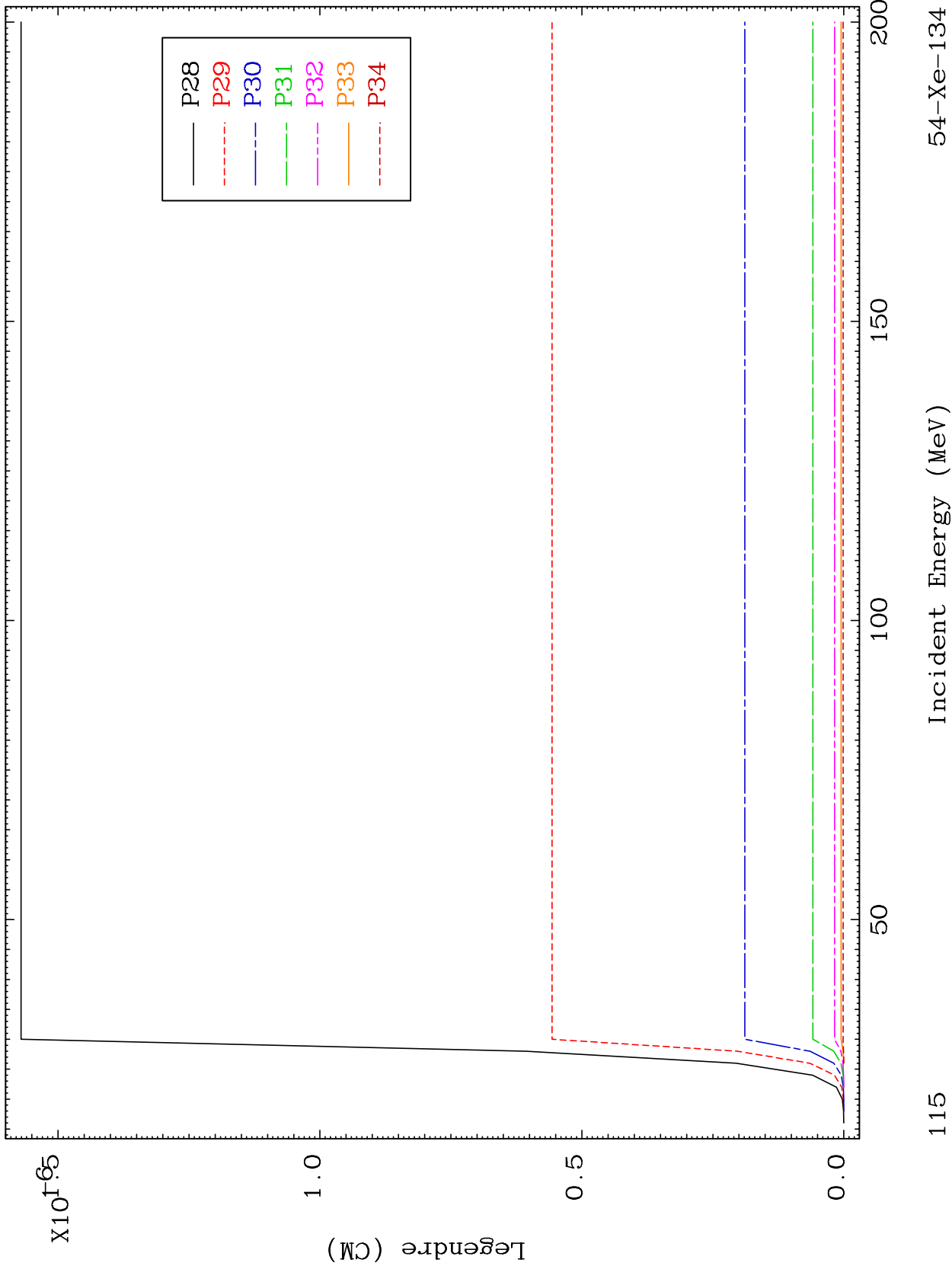
Incident Energy (MeV)

54-Xe-134

MAT 5455

2.867 MeV (n,n') Level
Legendre Coefficients

54-Xe-134



115

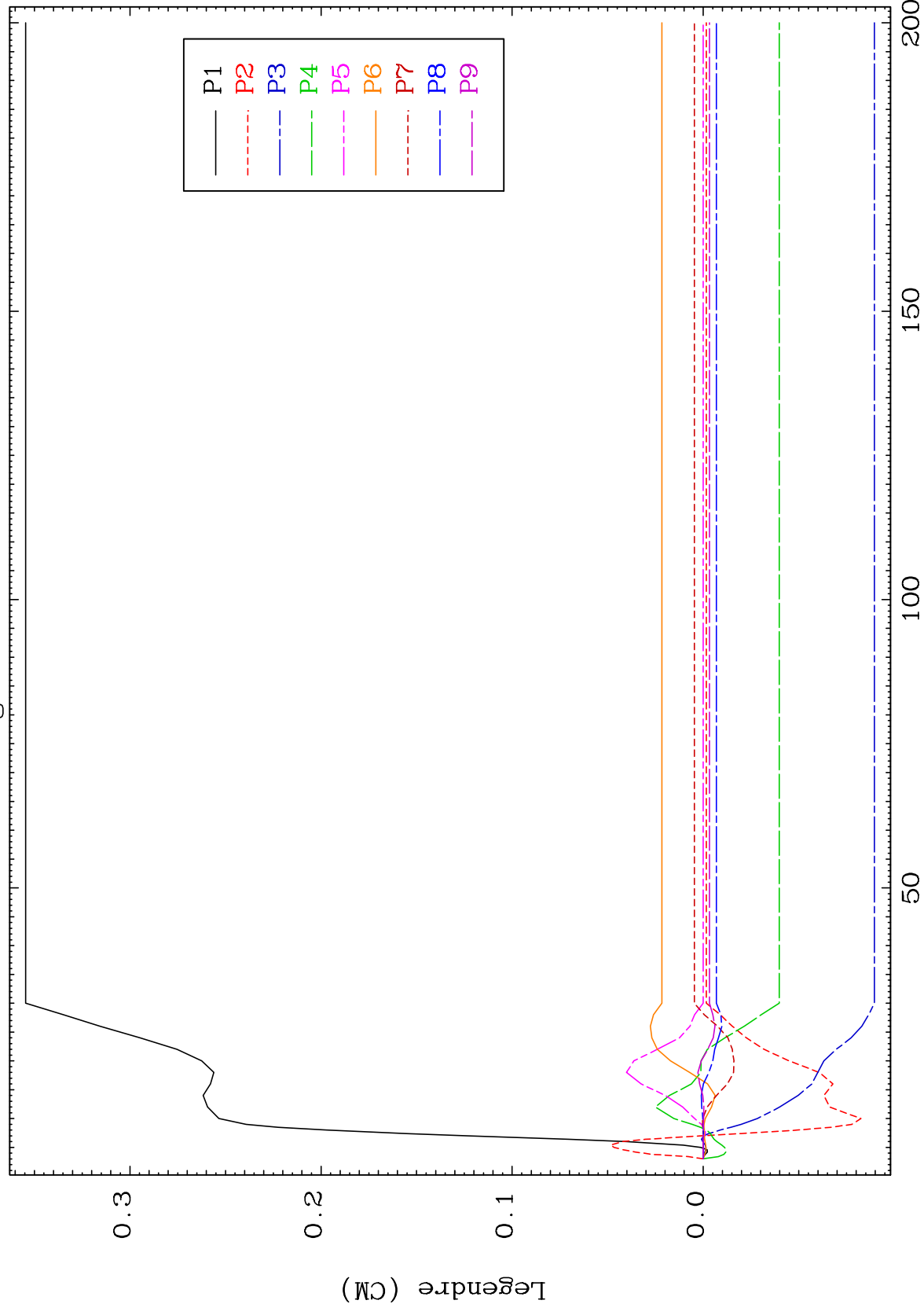
Incident Energy (MeV)

54-Xe-134

MAT 5455

2.997 MeV (n,n') Level
Legendre Coefficients

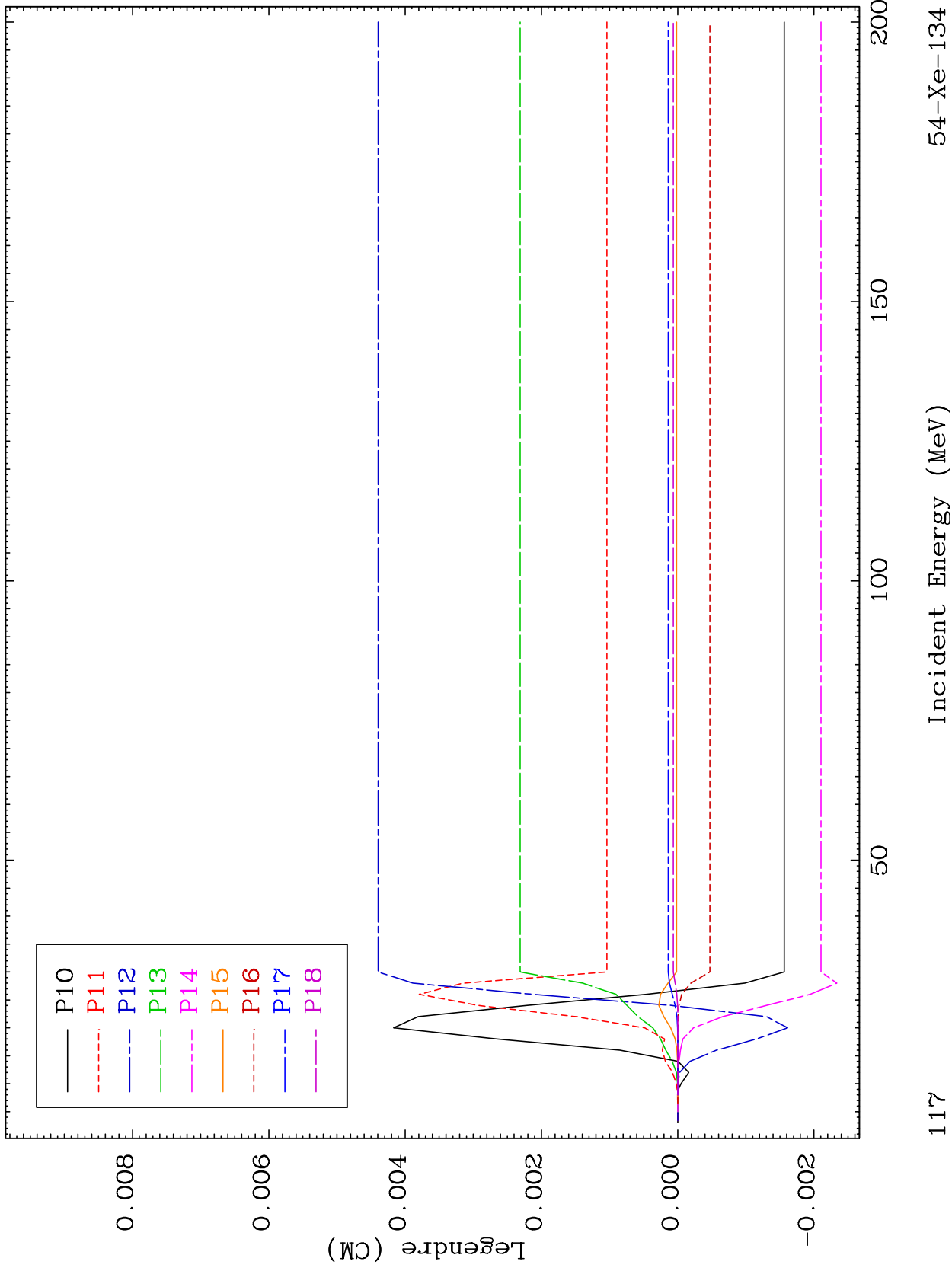
54-Xe-134



116

Incident Energy (MeV)

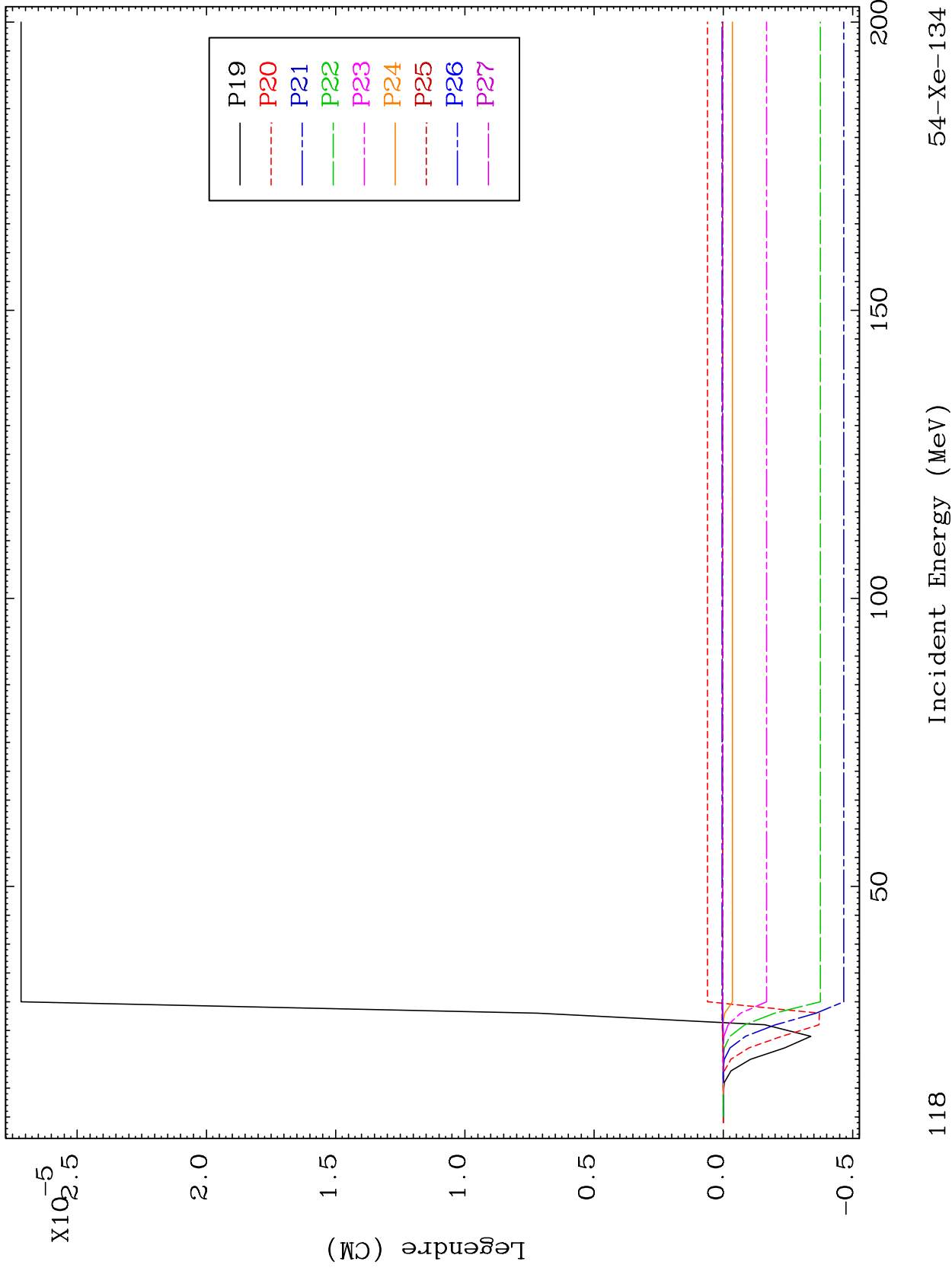
54-Xe-134



MAT 5455

2.997 MeV (n,n') Level
Legendre Coefficients

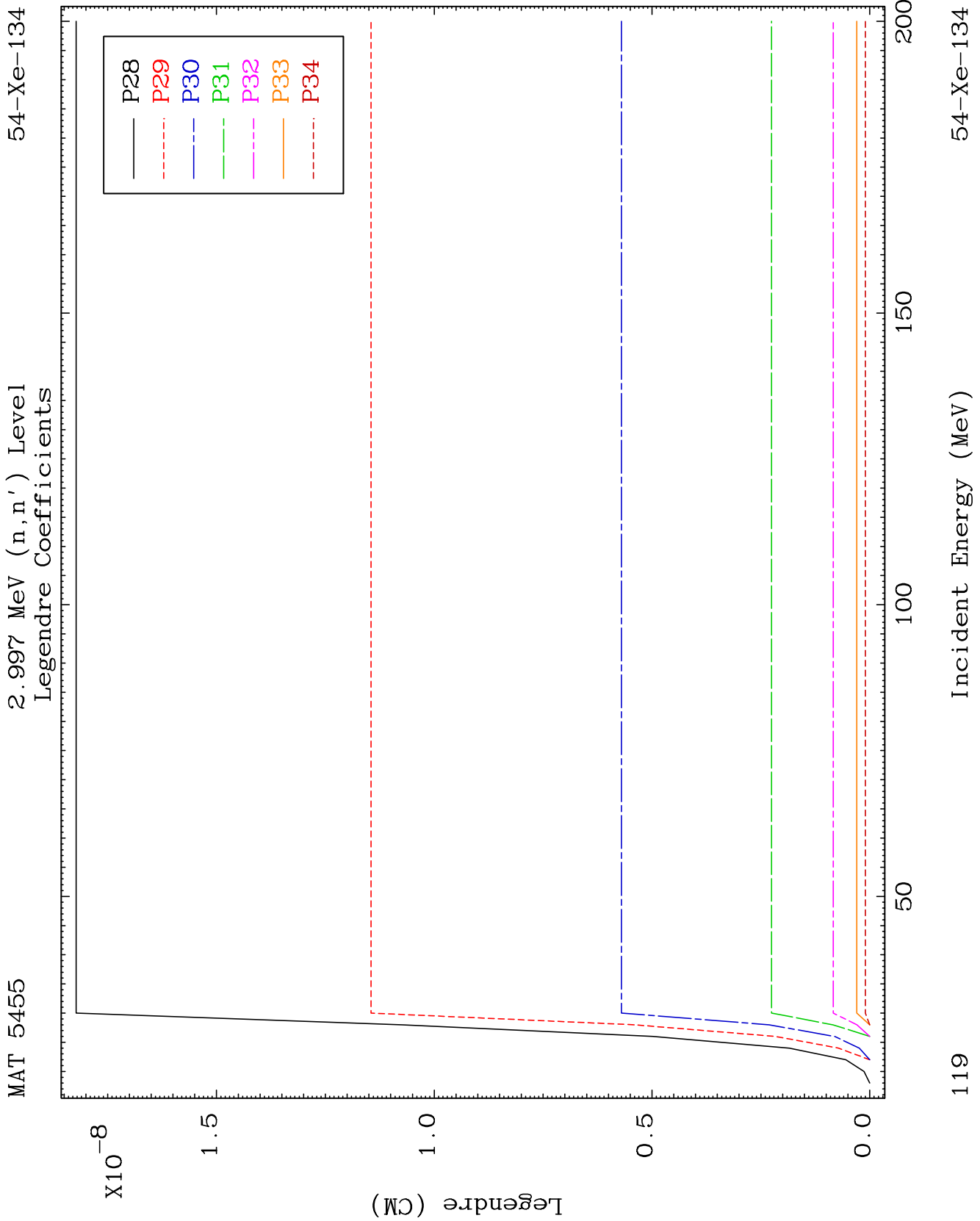
54-Xe-134



118

Incident Energy (MeV)

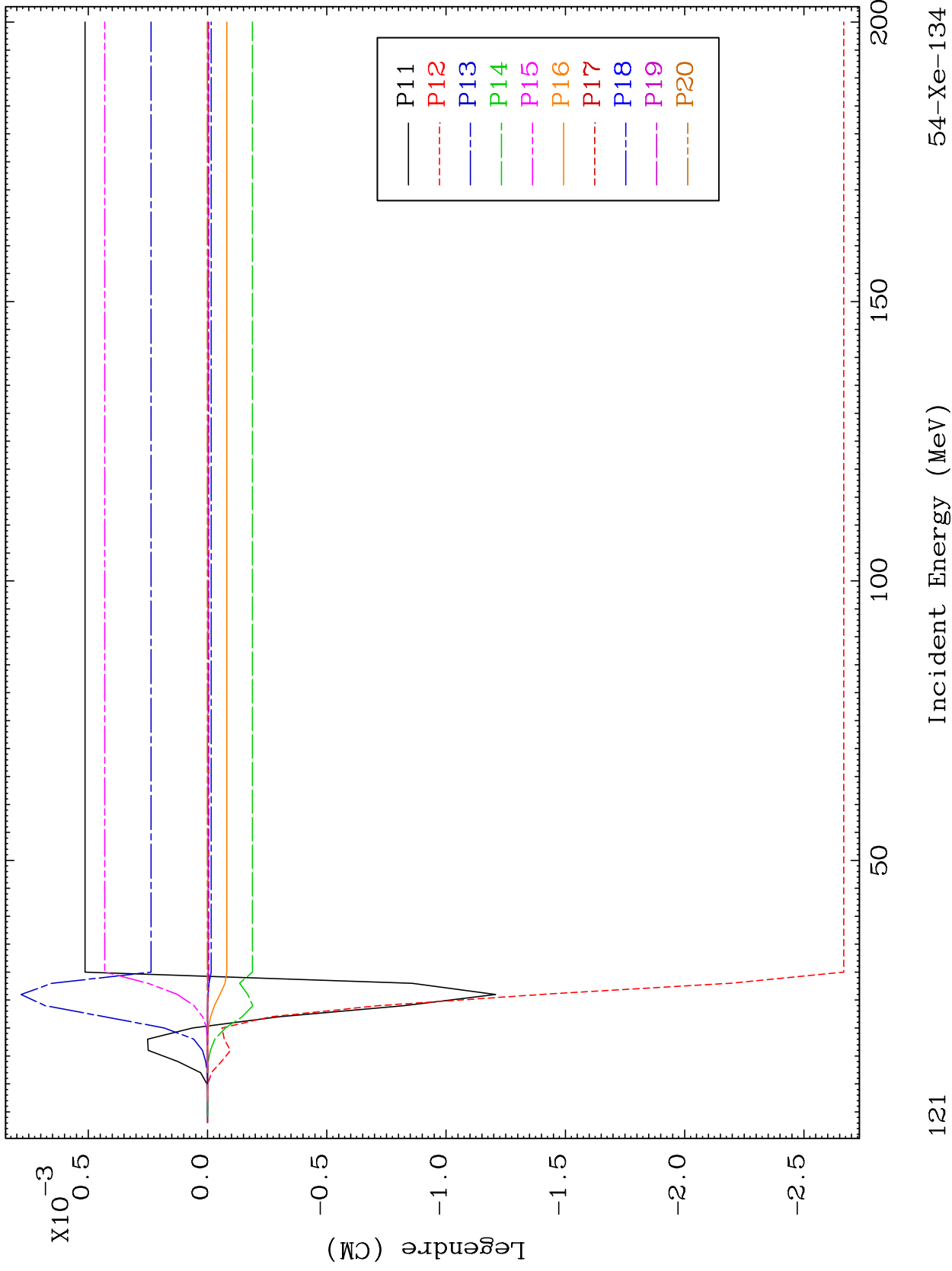
54-Xe-134



MAT 5455

3.025 MeV (n,n') Level
Legendre Coefficients

54-Xe-134



121

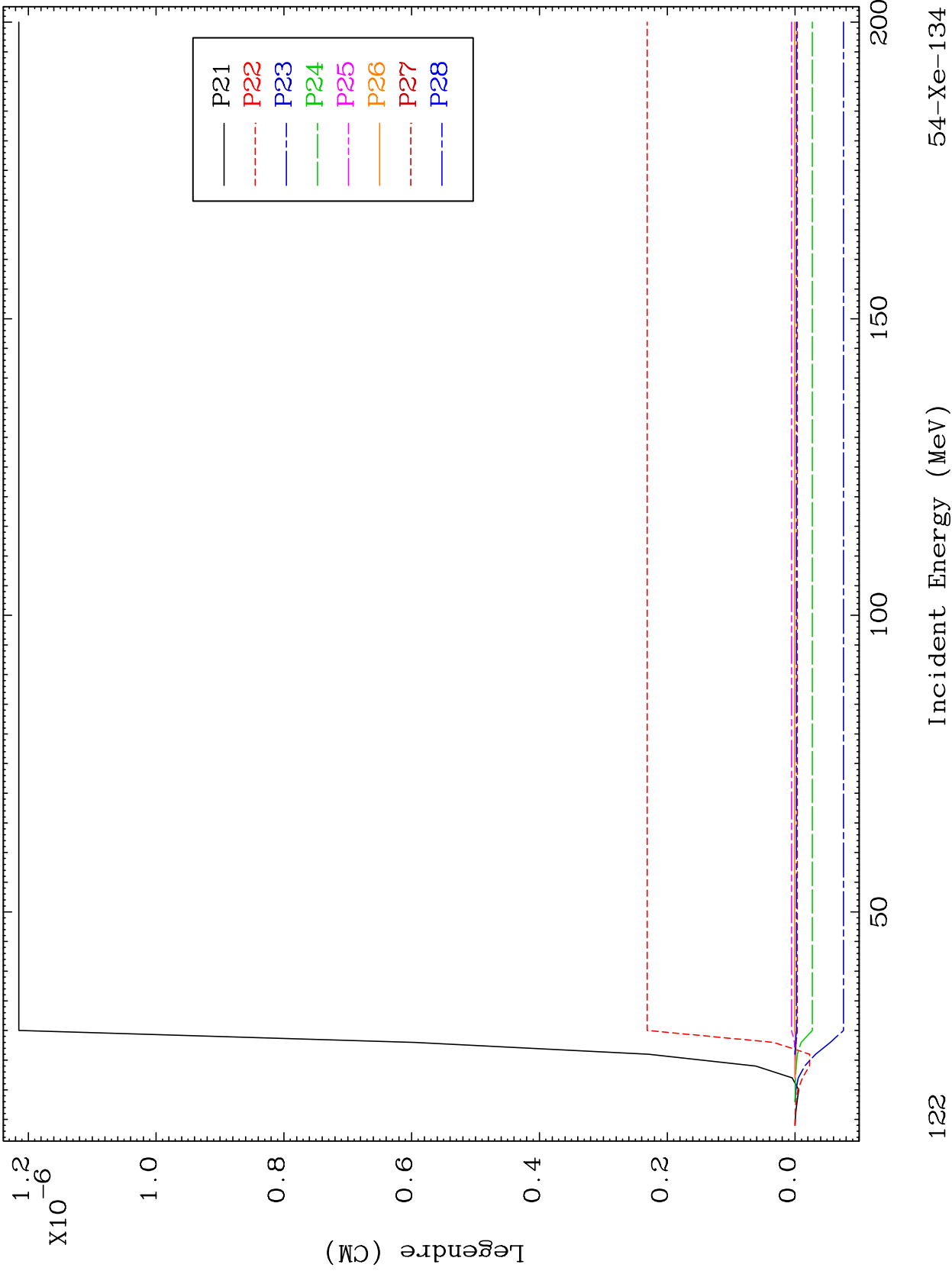
Incident Energy (MeV)

54-Xe-134

MAT 5455

3.025 MeV (n,n') Level
Legendre Coefficients

54-Xe-134

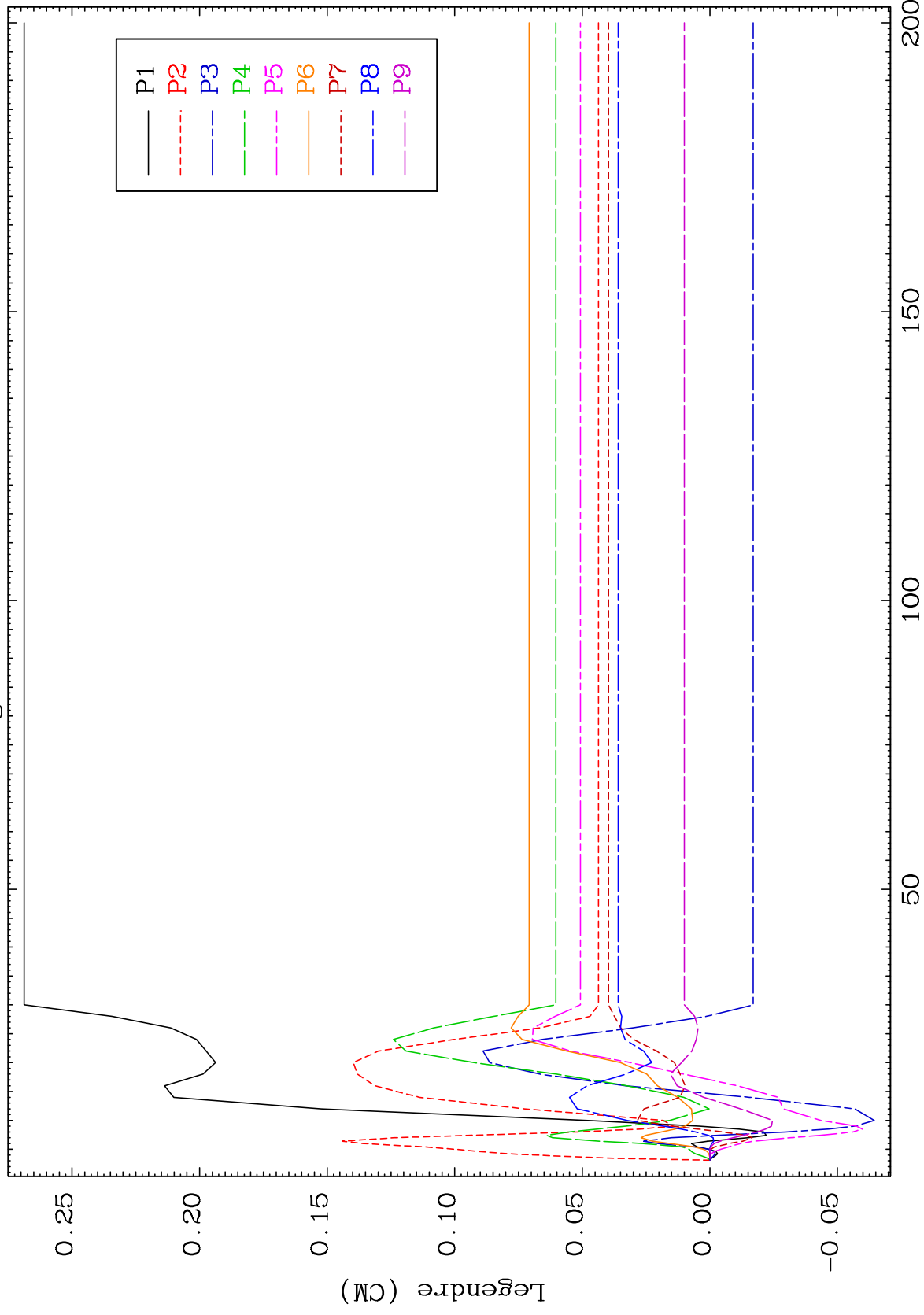


122

MAT 5455

3.084 MeV (n,n') Level
Legendre Coefficients

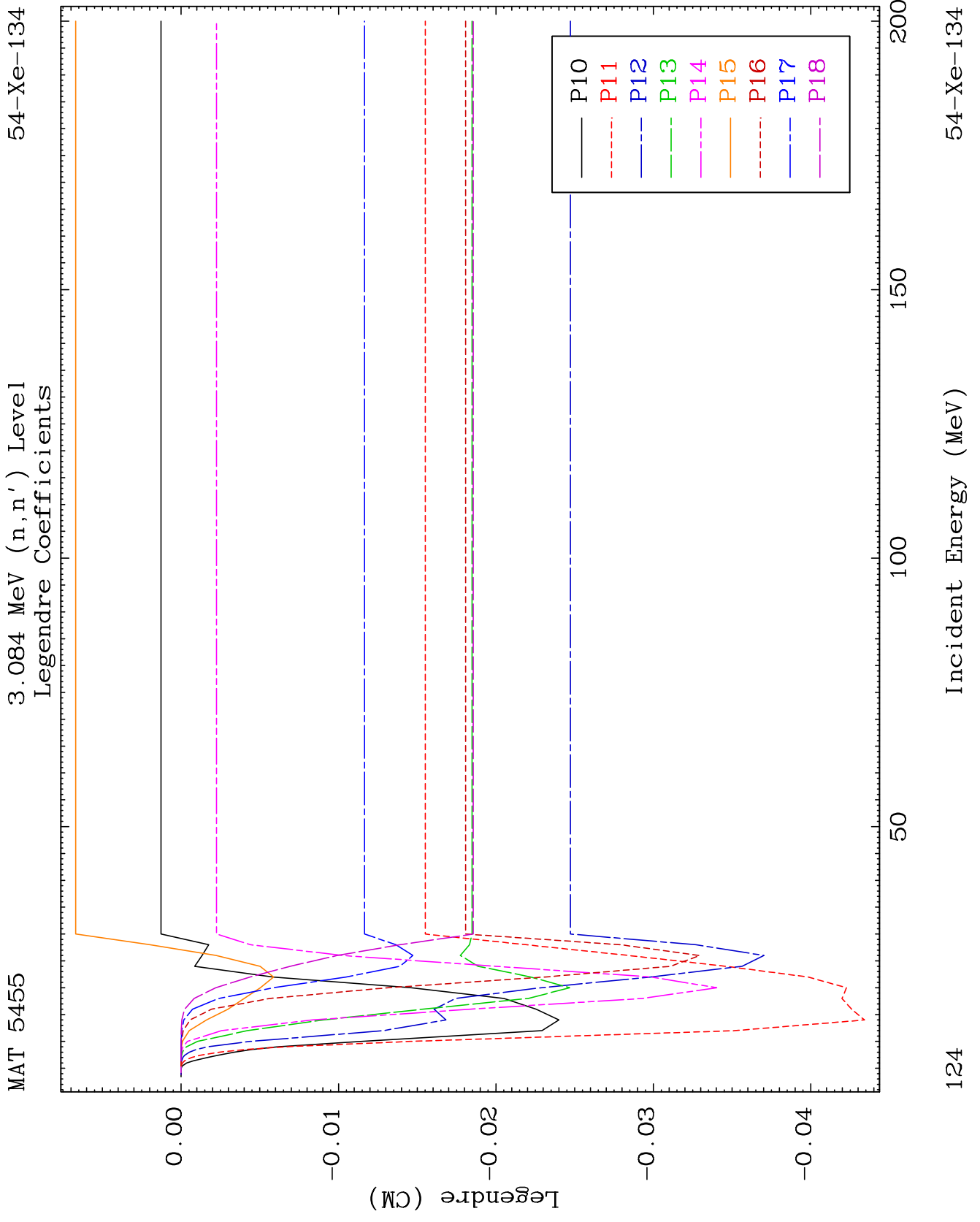
54-Xe-134

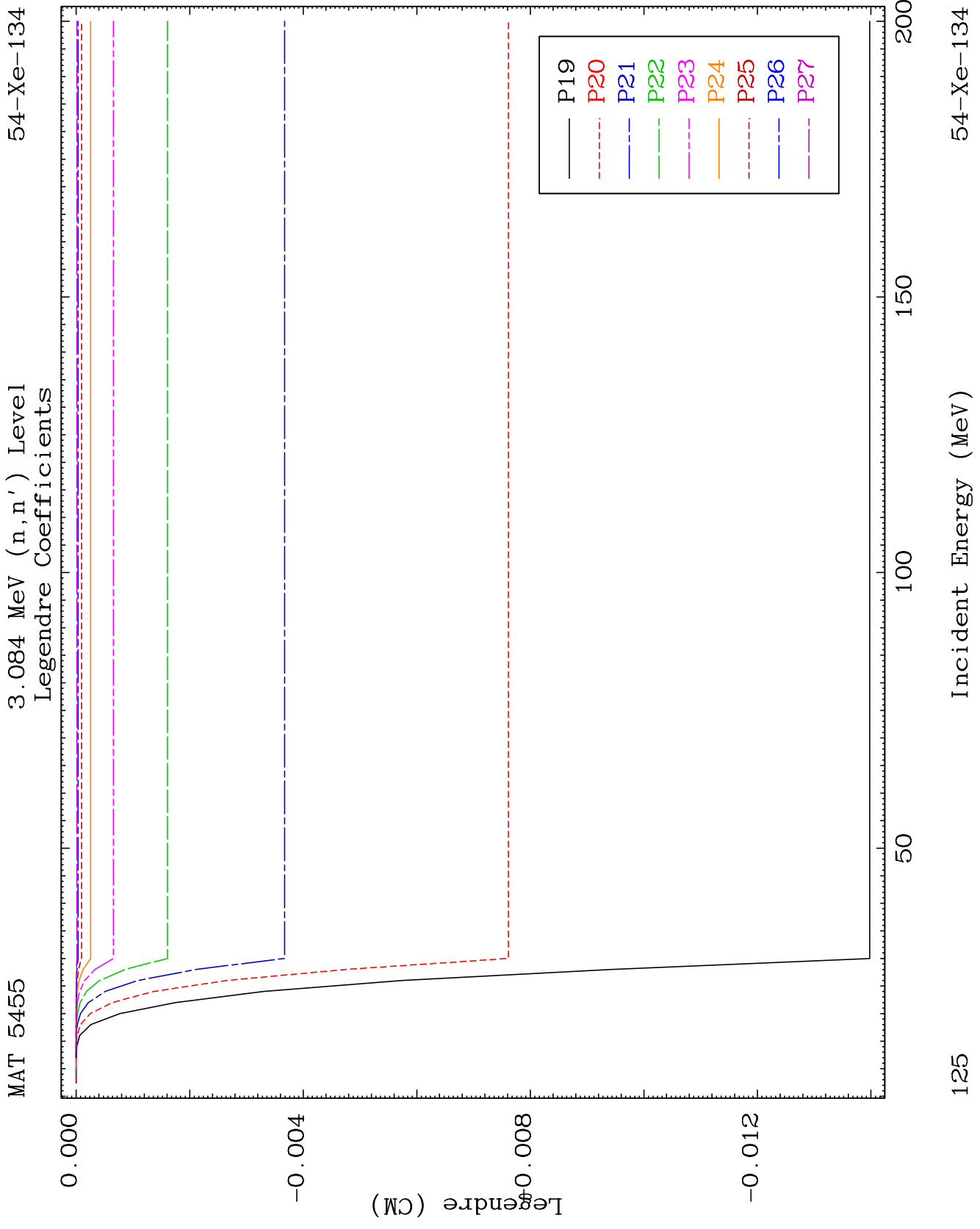


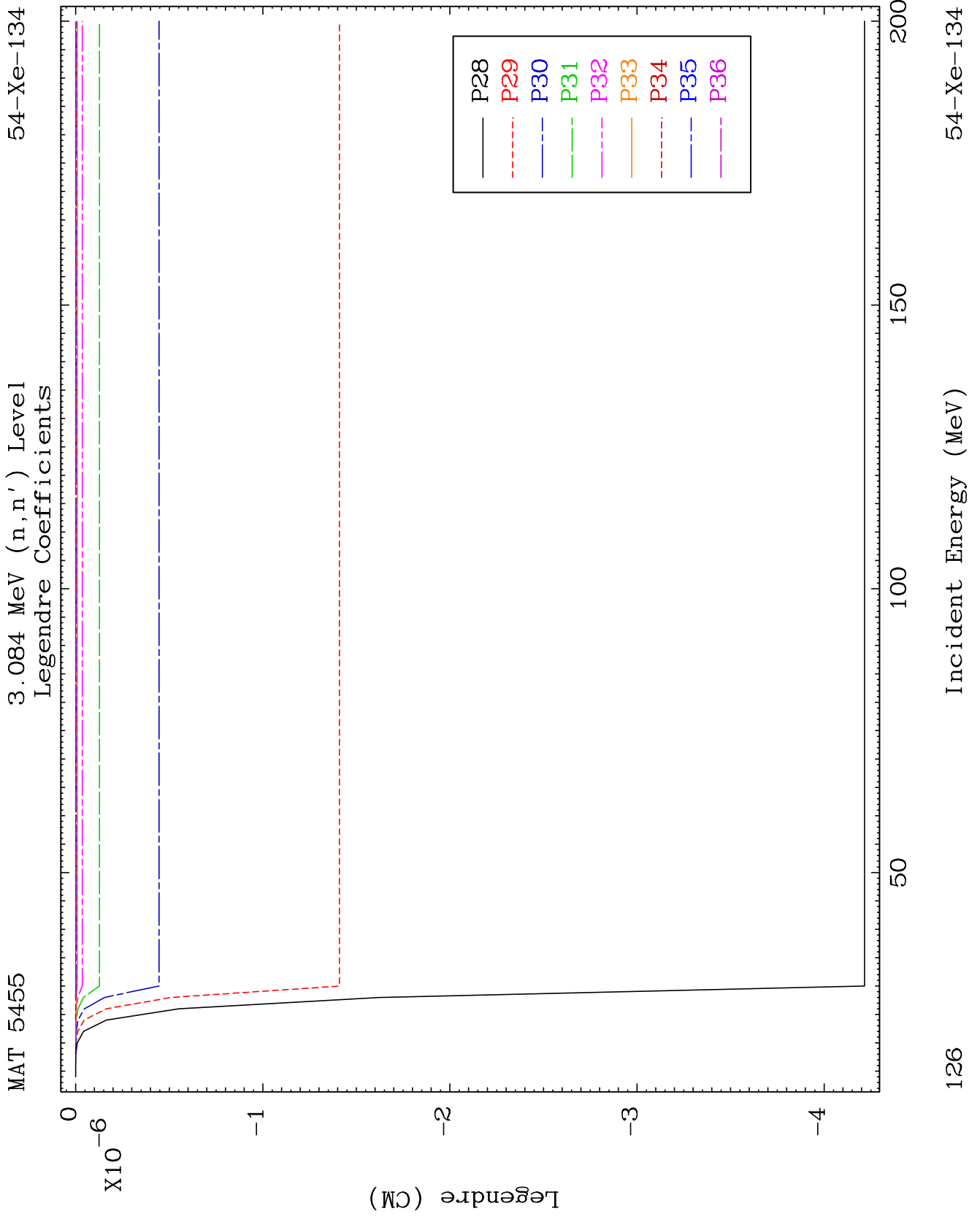
123

Incident Energy (MeV)

54-Xe-134



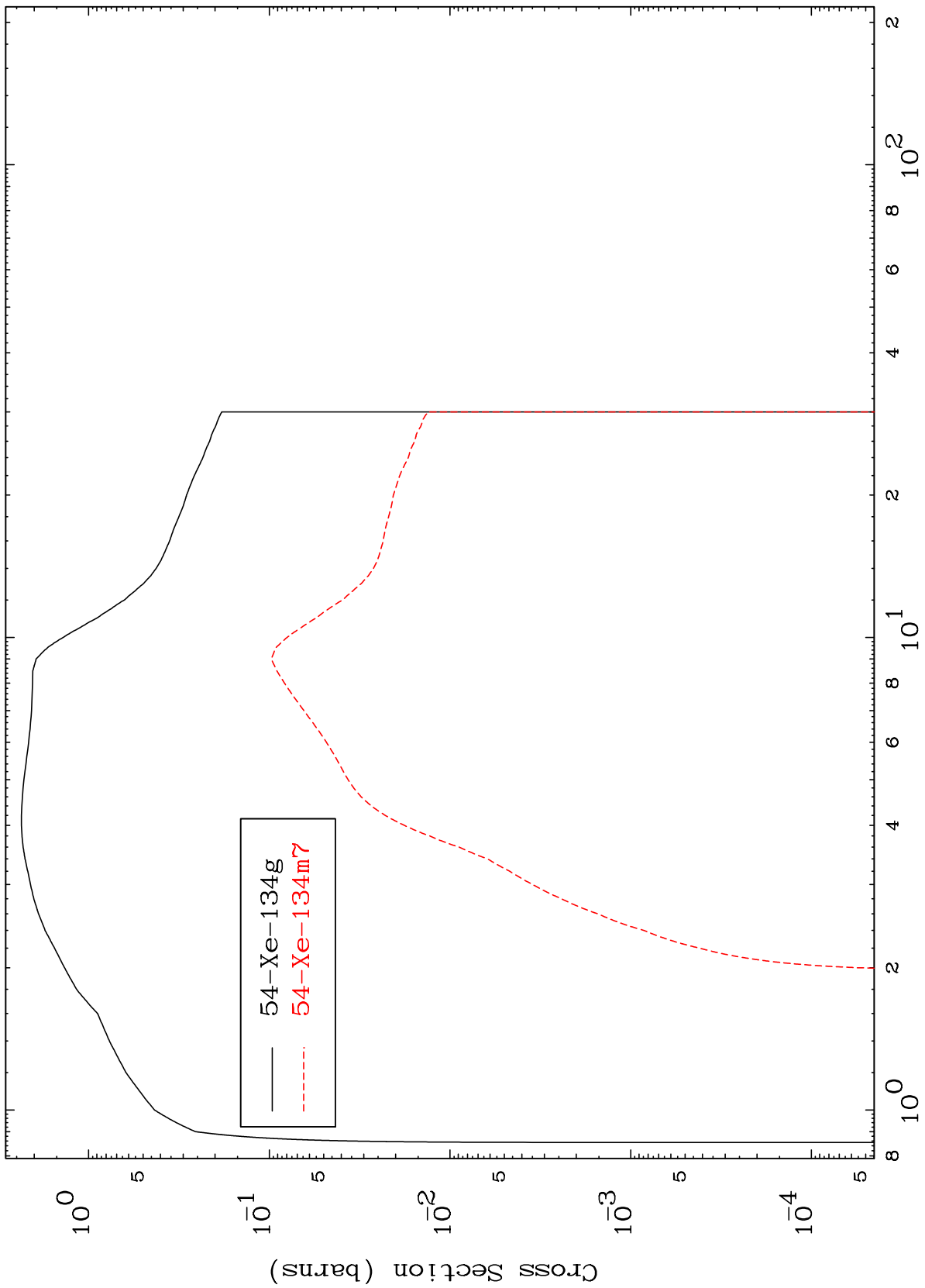




MAT 5455

54-Xe-134

Inelastic Radionuclide Production Cross Section



— 54-Xe-134g
- - - 54-Xe-134m7

127

Incident Energy (MeV)

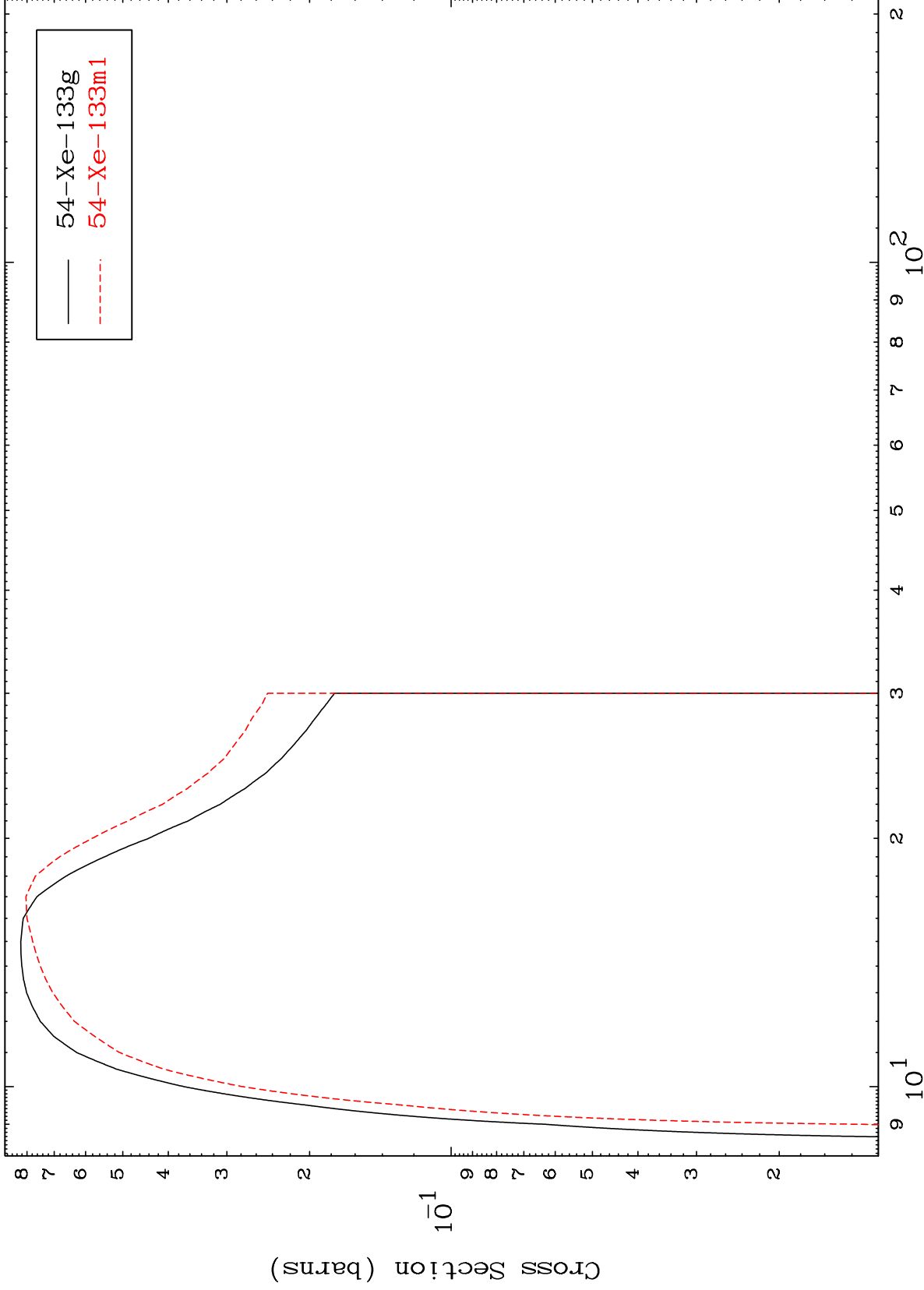
54-Xe-134

MAT 5455

(n,2n)

54-Xe-134

Radionuclide Production Cross Section



128

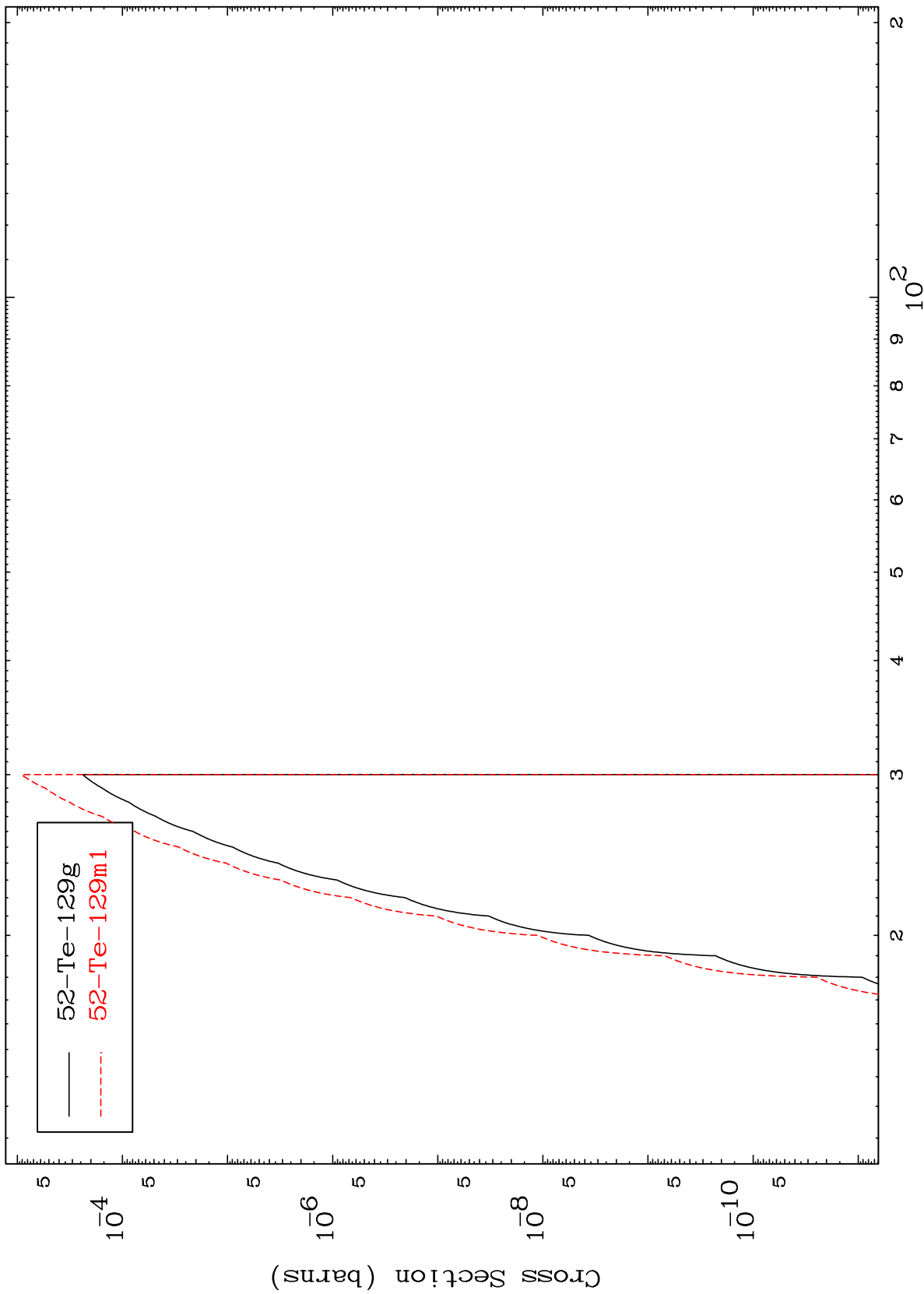
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(n,2n) α
Radionuclide Production Cross Section



129

54-Xe-134

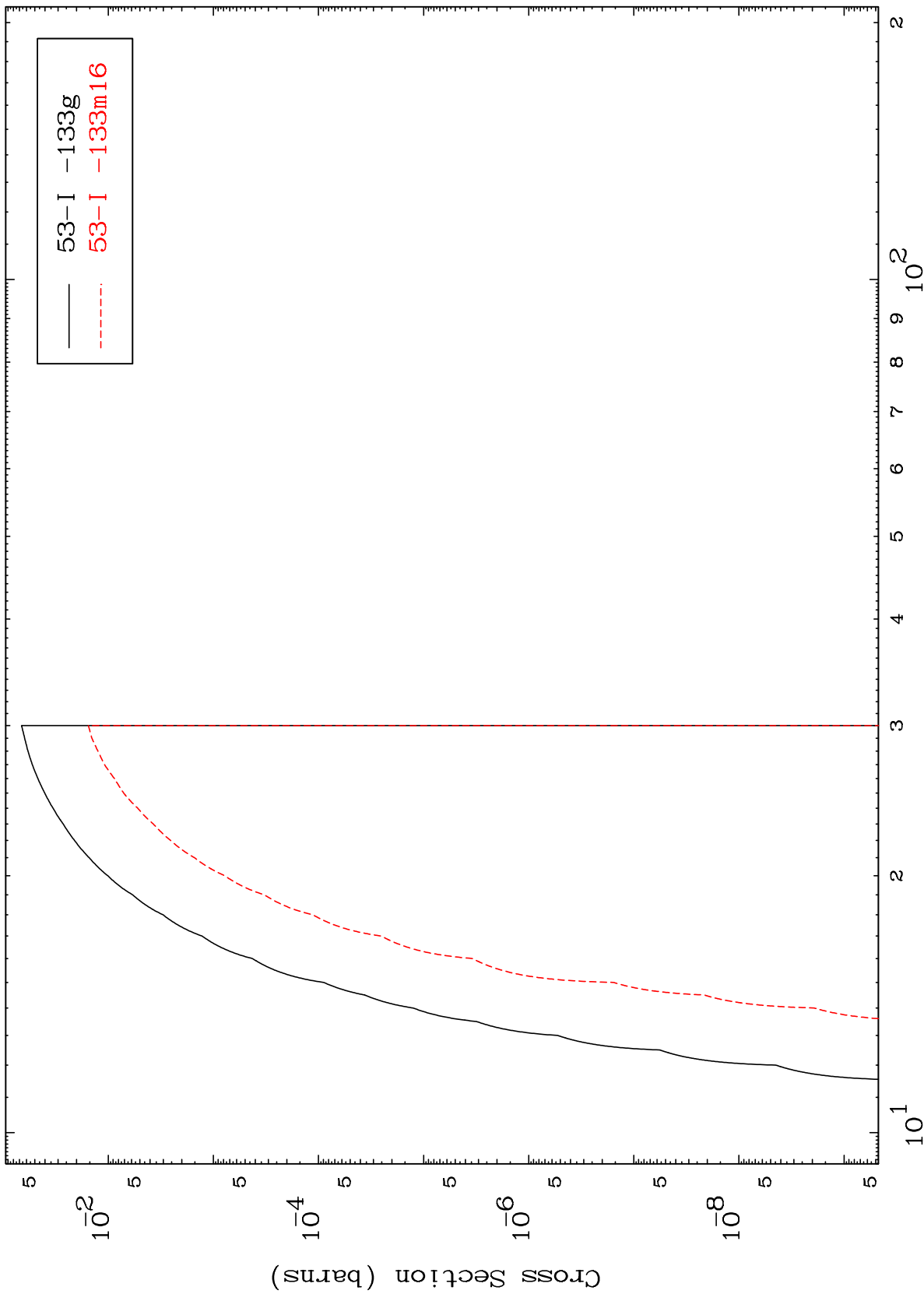
Incident Energy (MeV)

MAT 5455

(n,n') p

54-Xe-134

Radionuclide Production Cross Section



— 53-I -133g
- - - 53-I -133m16

Incident Energy (MeV)

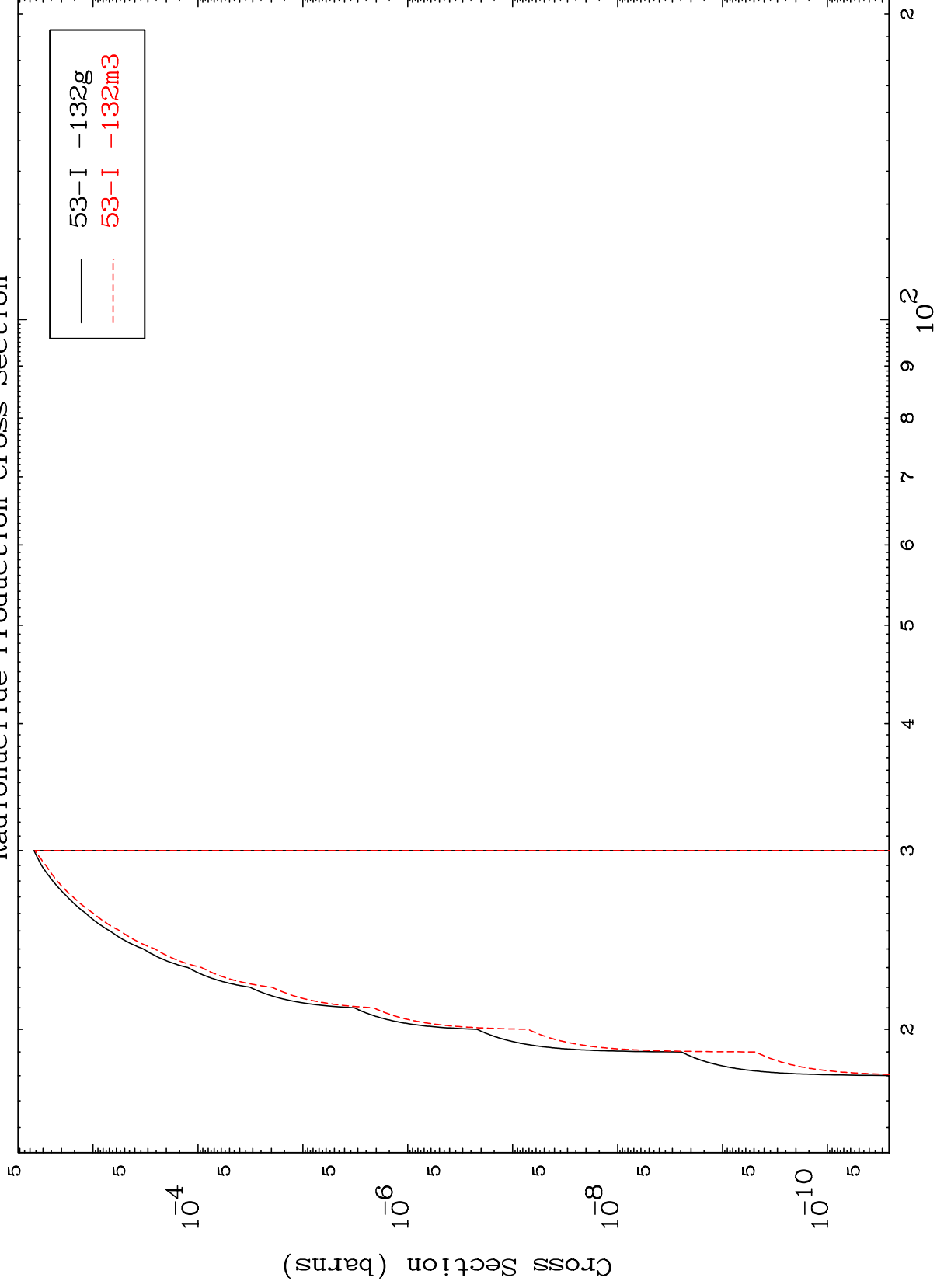
54-Xe-134

MAT 5455

(n,n') d

54-Xe-134

Radionuclide Production Cross Section



131

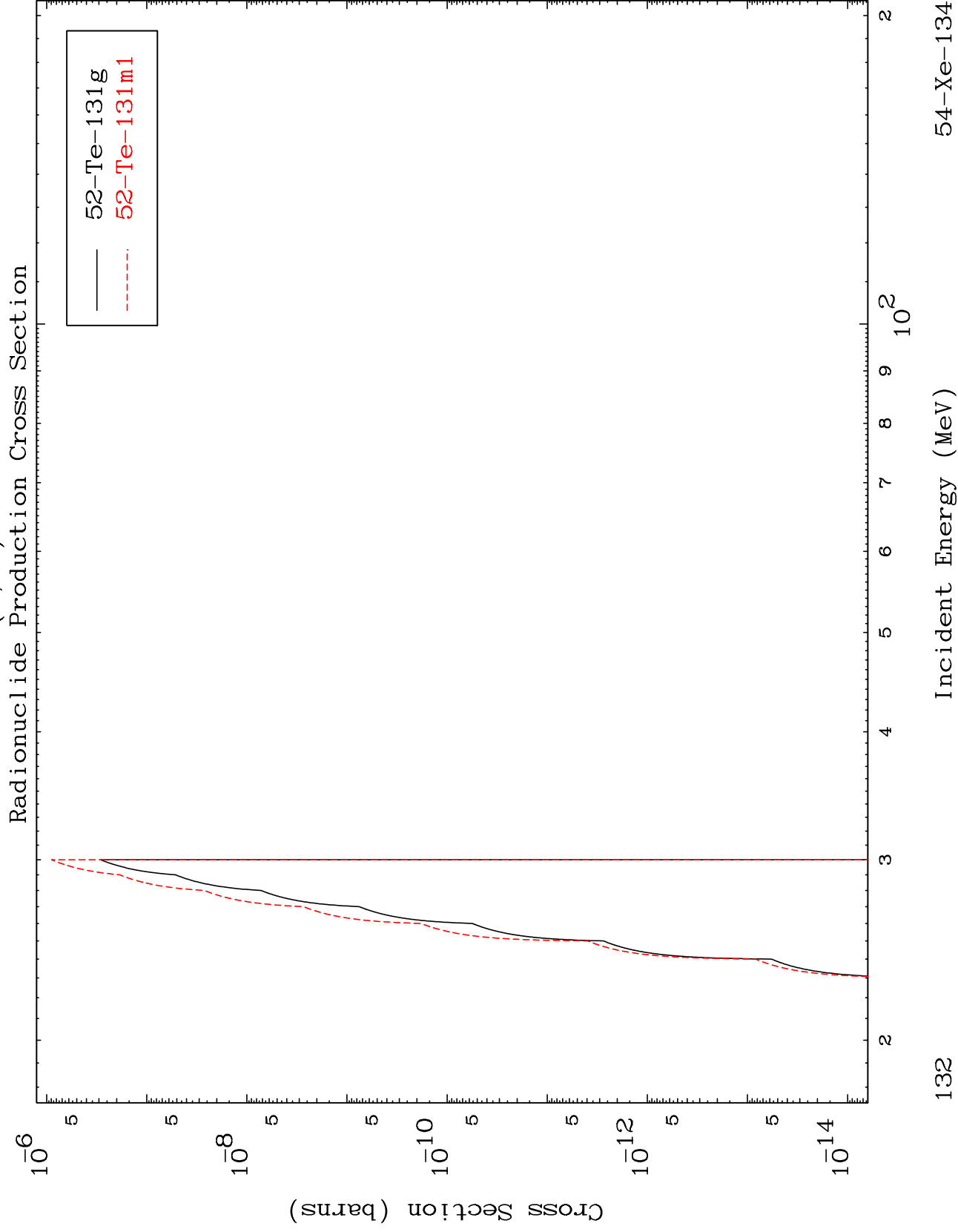
Incident Energy (MeV)

54-Xe-134

MAT 5455

(n,n') He-3

54-Xe-134



132

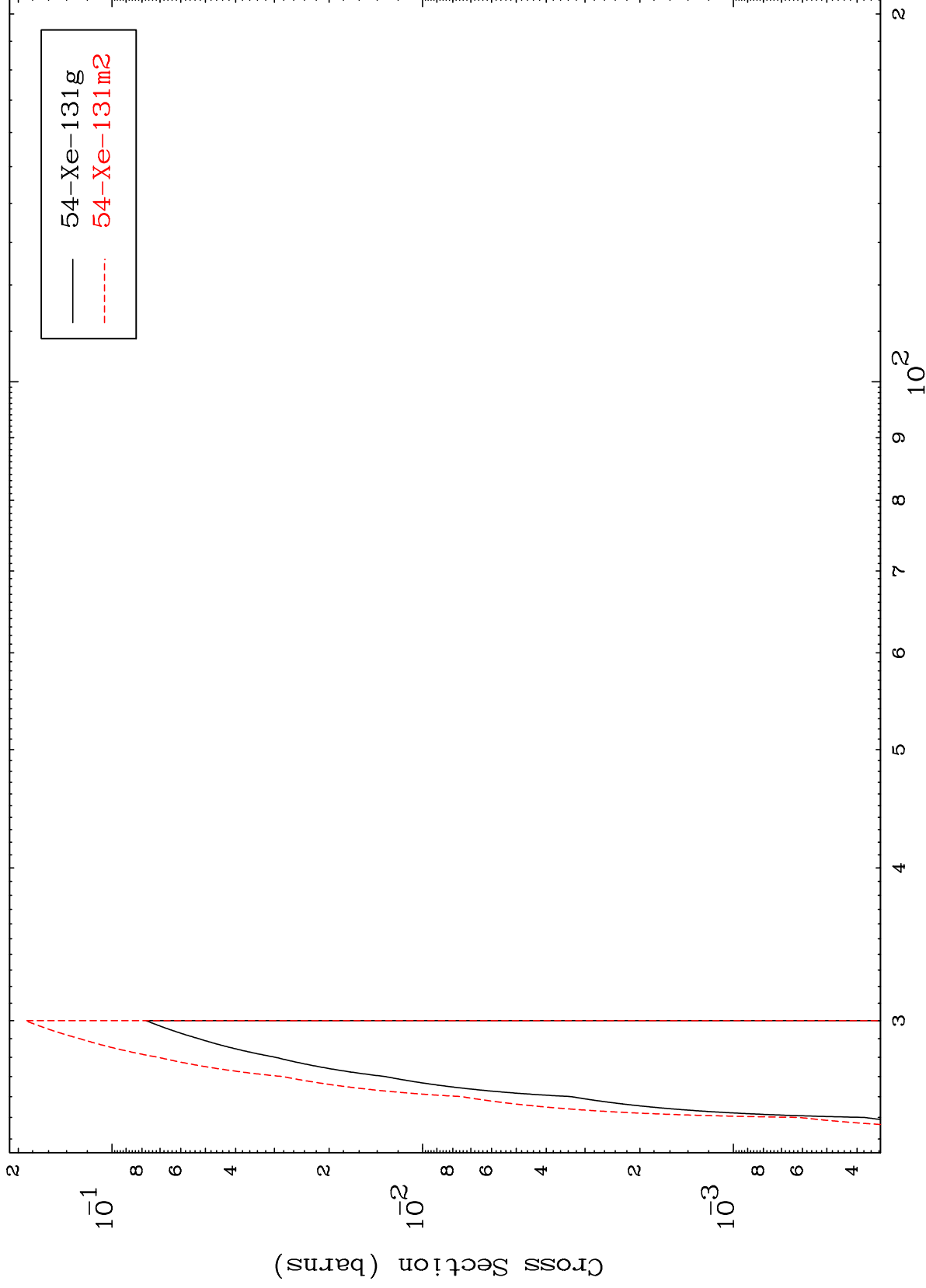
54-Xe-134

MAT 5455

(n,4n)

54-Xe-134

Radionuclide Production Cross Section



133

Incident Energy (MeV)

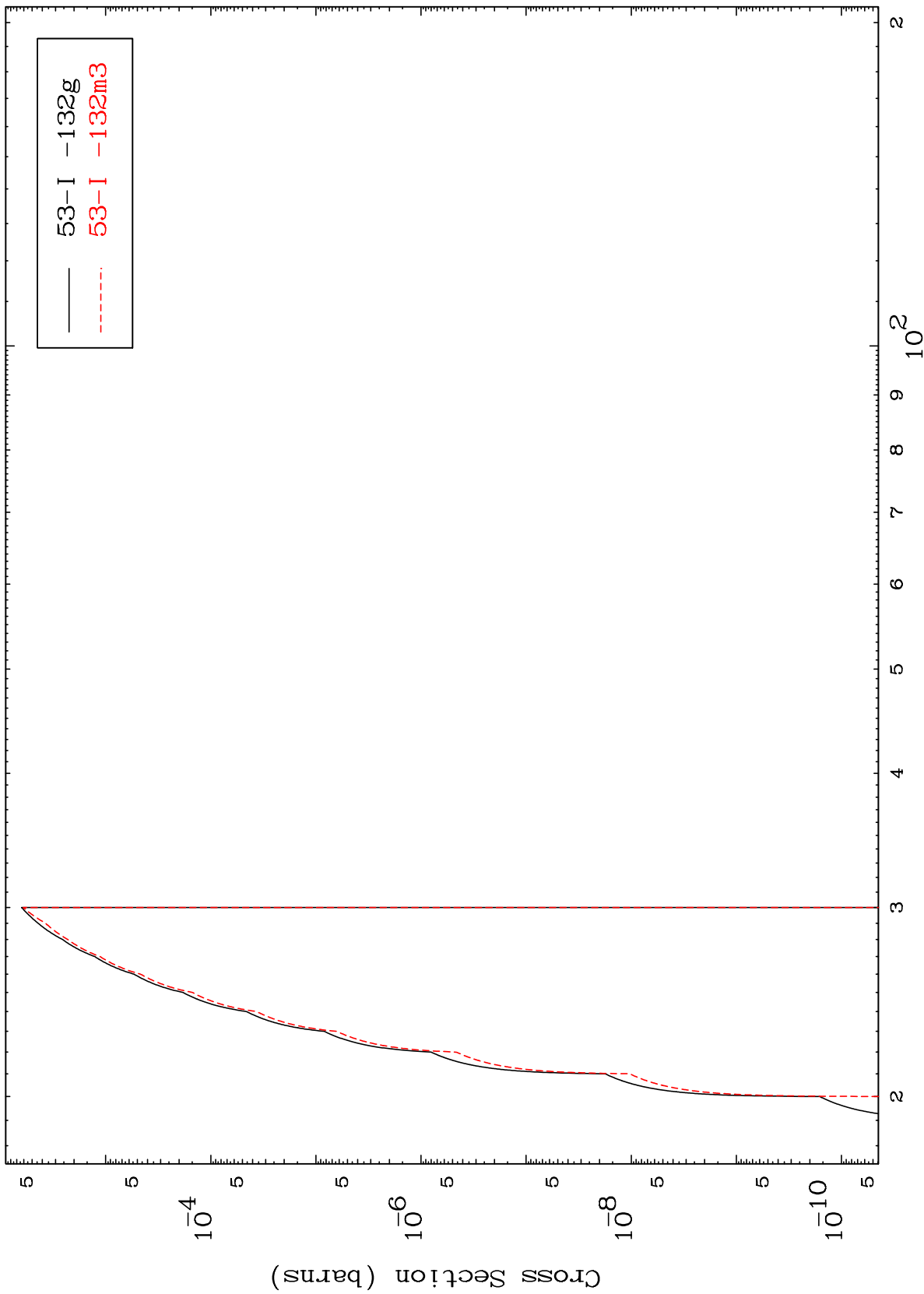
54-Xe-134

MAT 5455

(n,2n) p

54-Xe-134

Radionuclide Production Cross Section



134

Incident Energy (MeV)

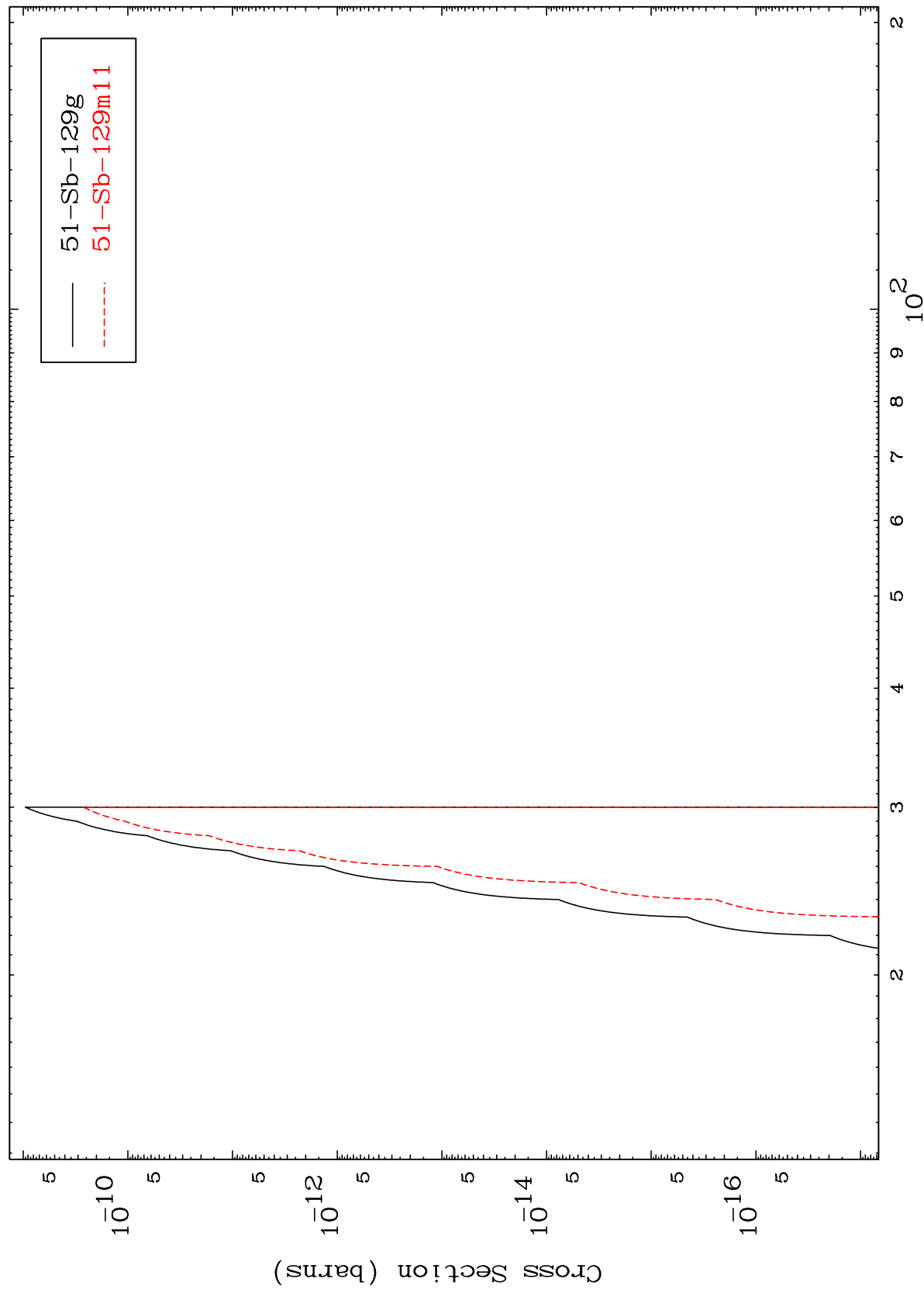
54-Xe-134

MAT 5455

(n,n') p α

54-Xe-134

Radionuclide Production Cross Section



135

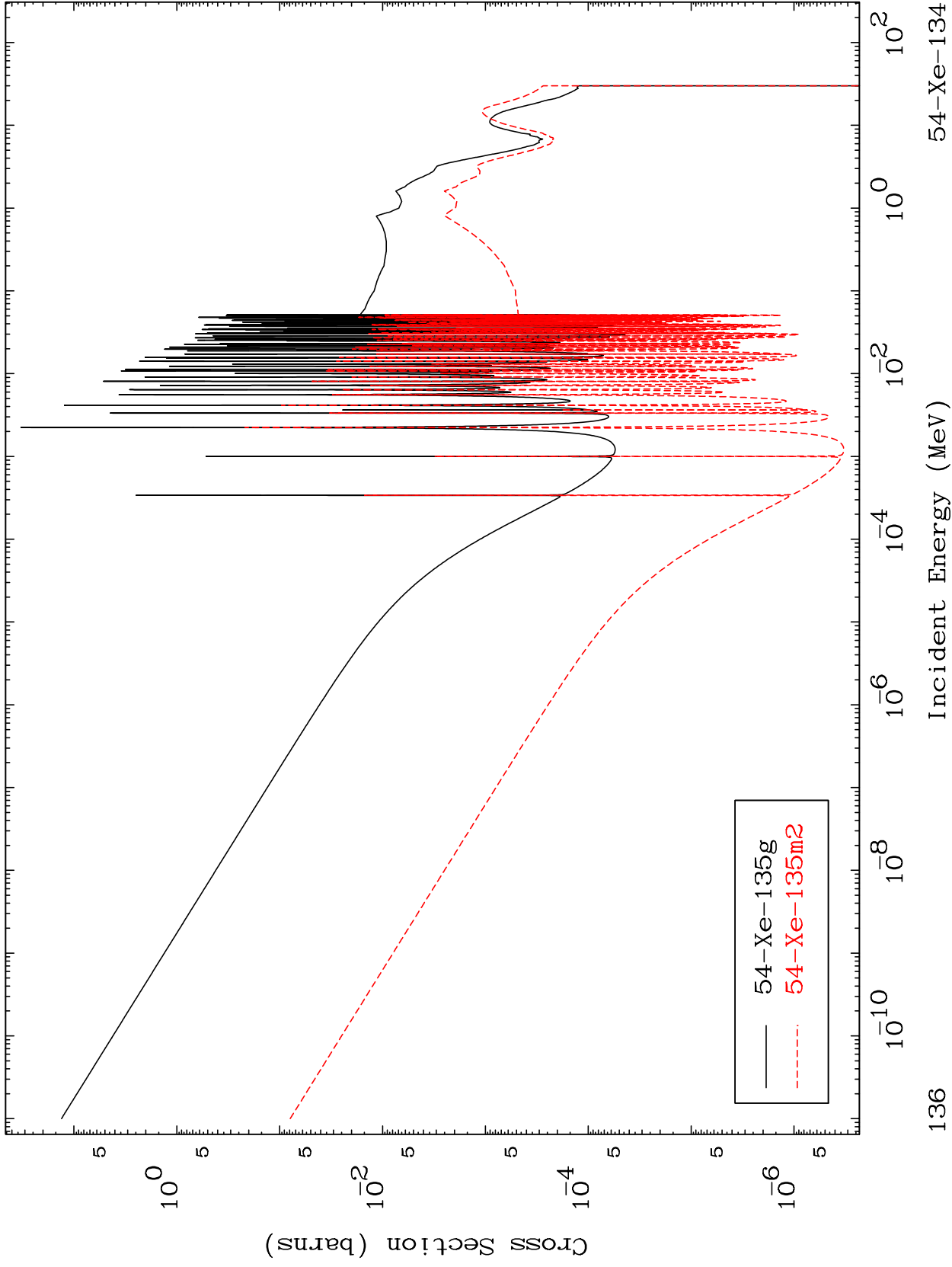
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

Radionuclide Production Cross Section
(n, γ)

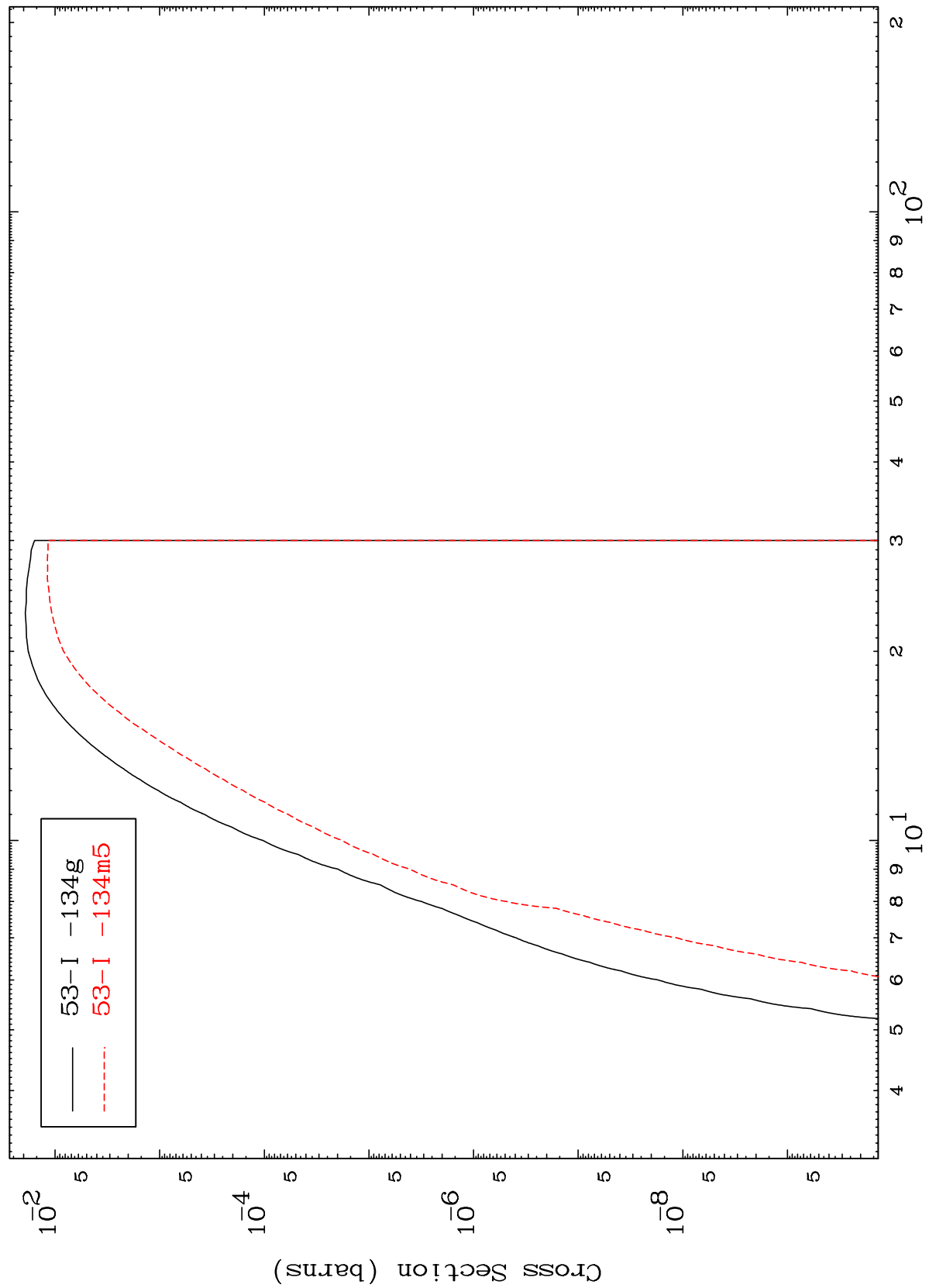


136

MAT 5455

54-Xe-134

(n,p)
Radionuclide Production Cross Section



— 53-I -134g
- - - 53-I -134m5

54-Xe-134

Incident Energy (MeV)

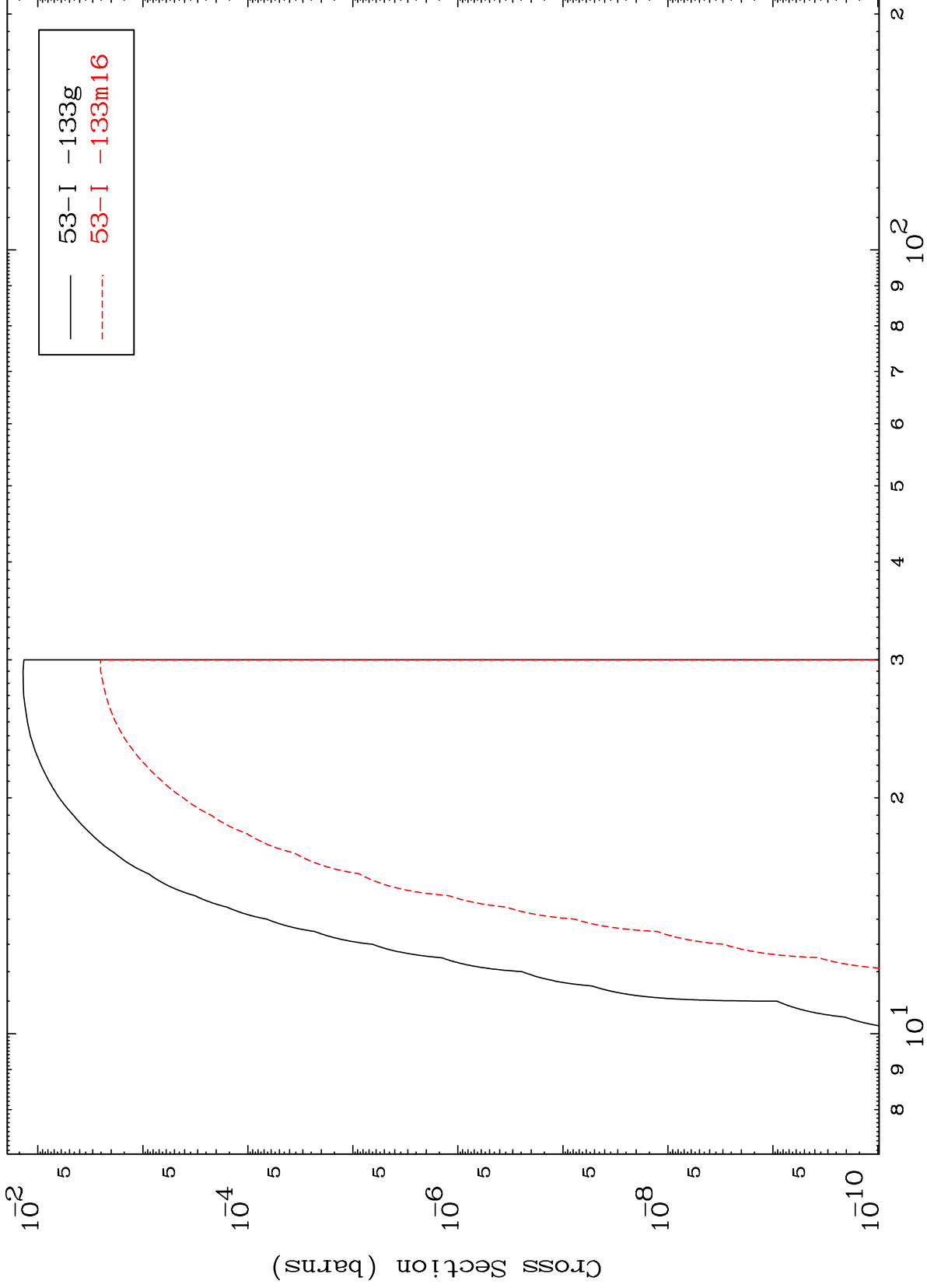
137

MAT 5455

(n,d)

54-Xe-134

Radionuclide Production Cross Section



138

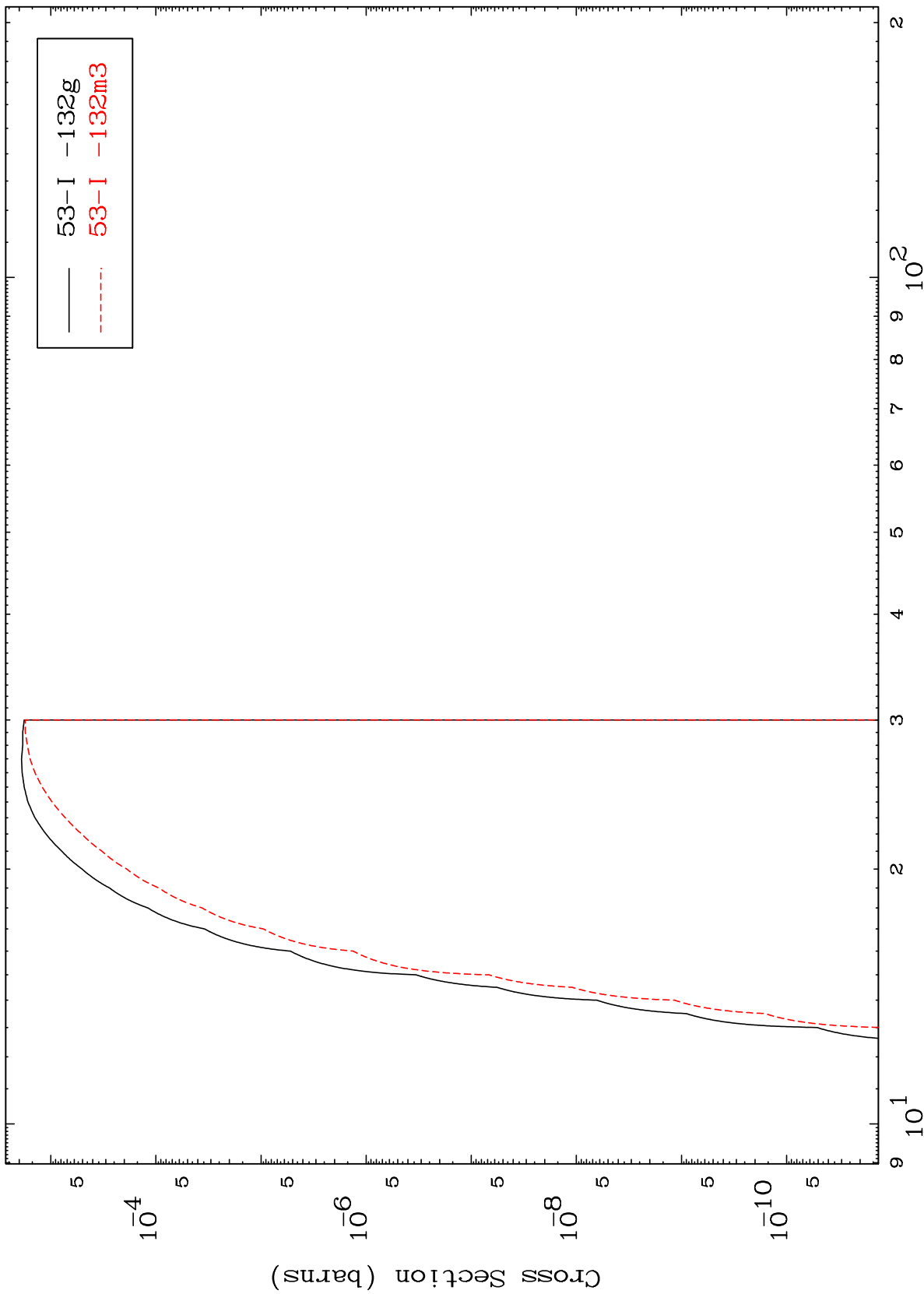
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(n,t)
Radionuclide Production Cross Section



54-Xe-134

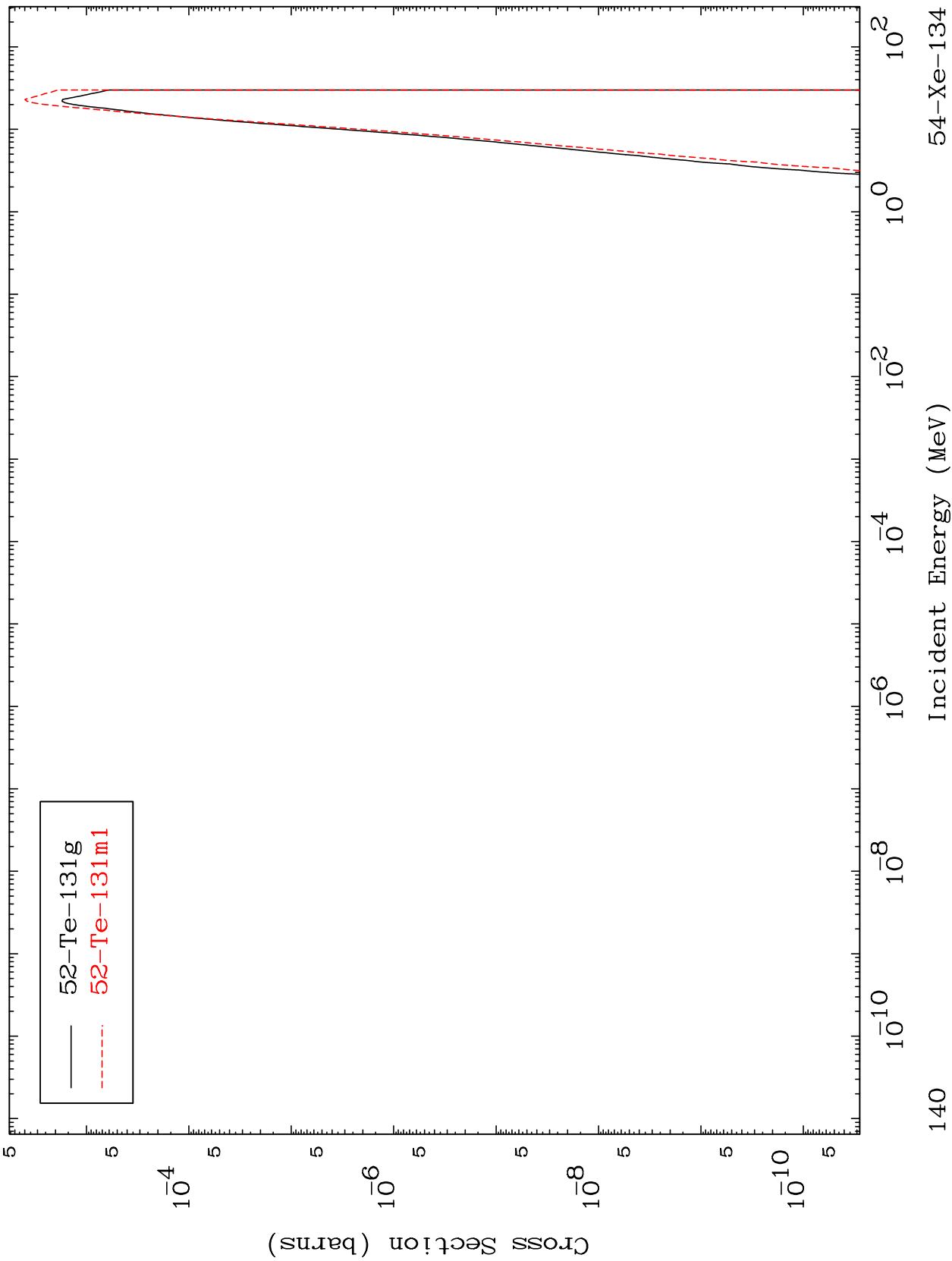
Incident Energy (MeV)

139

MAT 5455

54-Xe-134

Radionuclide Production Cross Section

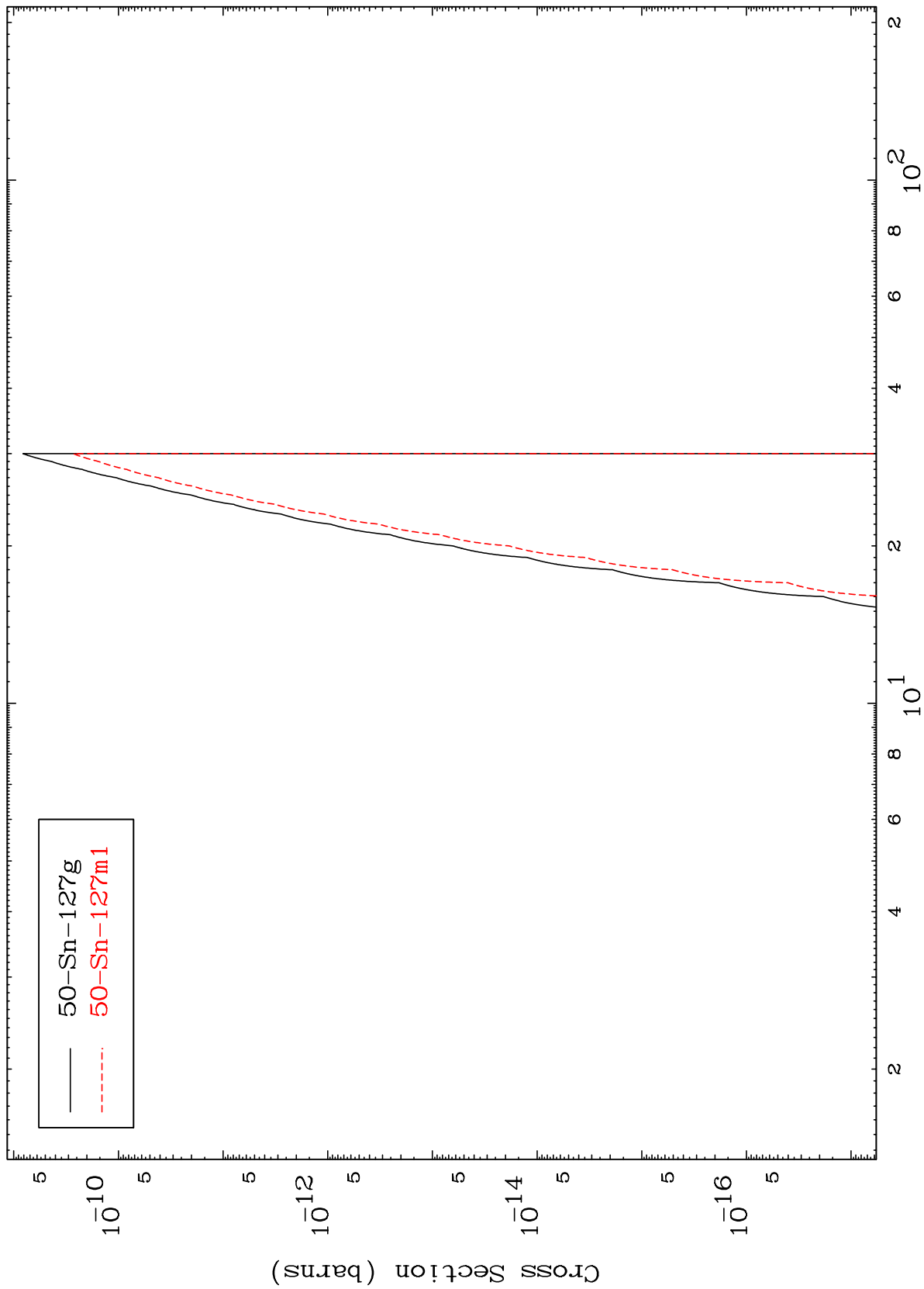


140

MAT 5455

54-Xe-134

(n,2α)
Radionuclide Production Cross Section



141

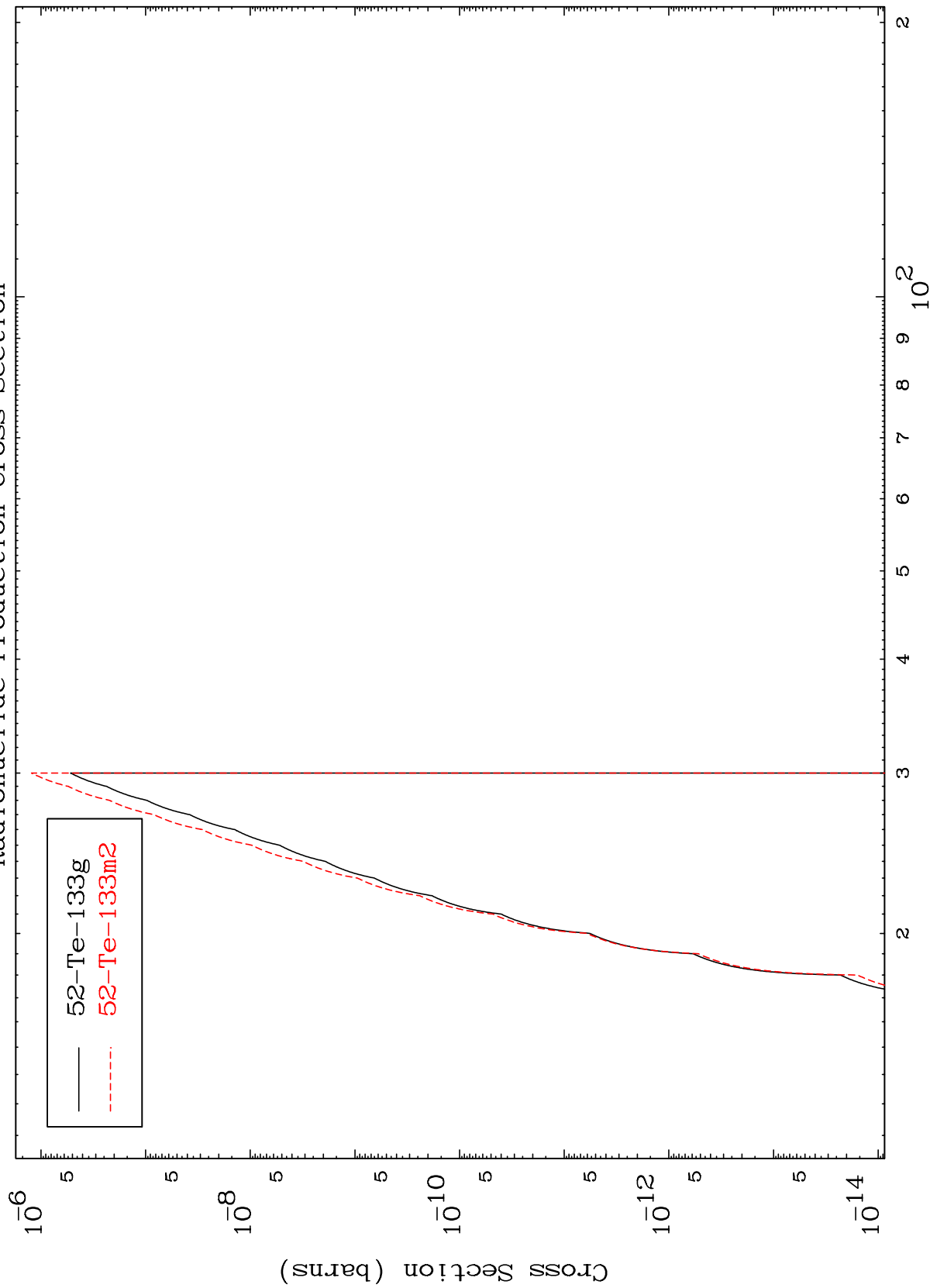
54-Xe-134

Incident Energy (MeV)

MAT 5455

54-Xe-134

(n,2p)
Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-134

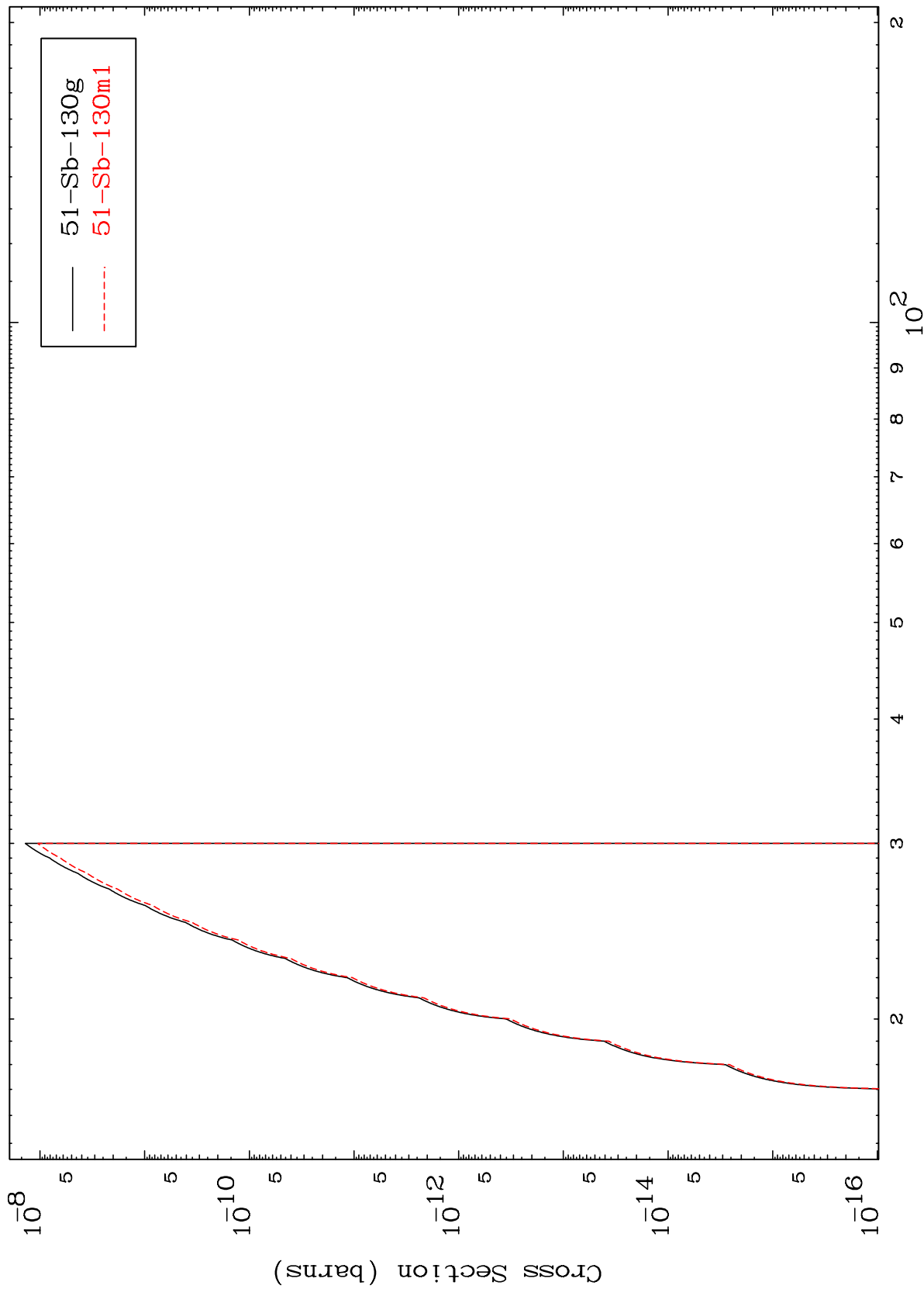
142

MAT 5455

(n,p) α

54-Xe-134

Radionuclide Production Cross Section



143

Incident Energy (MeV)

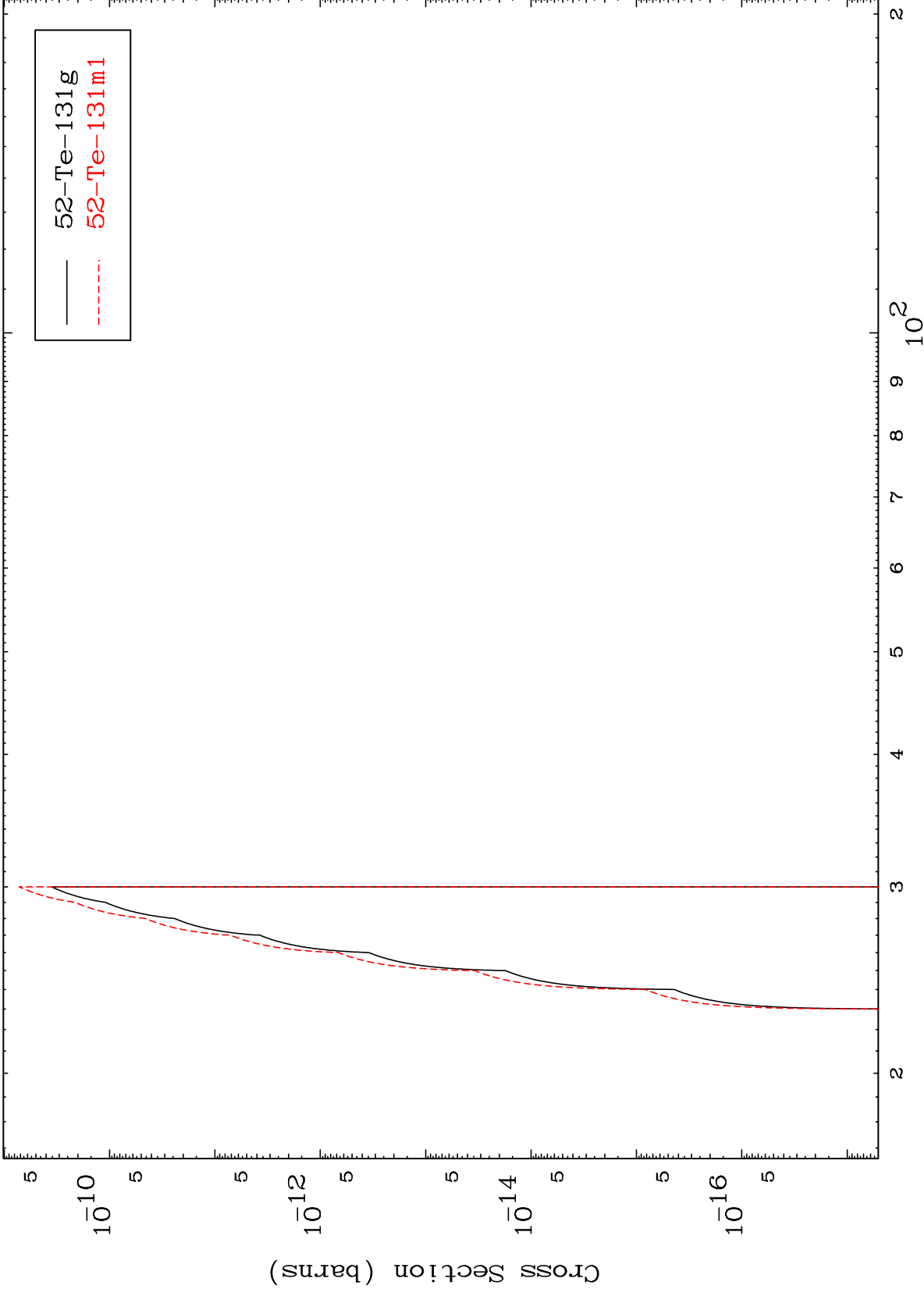
54-Xe-134

MAT 5455

(n,p) t

54-Xe-134

Radionuclide Production Cross Section



144

Incident Energy (MeV)

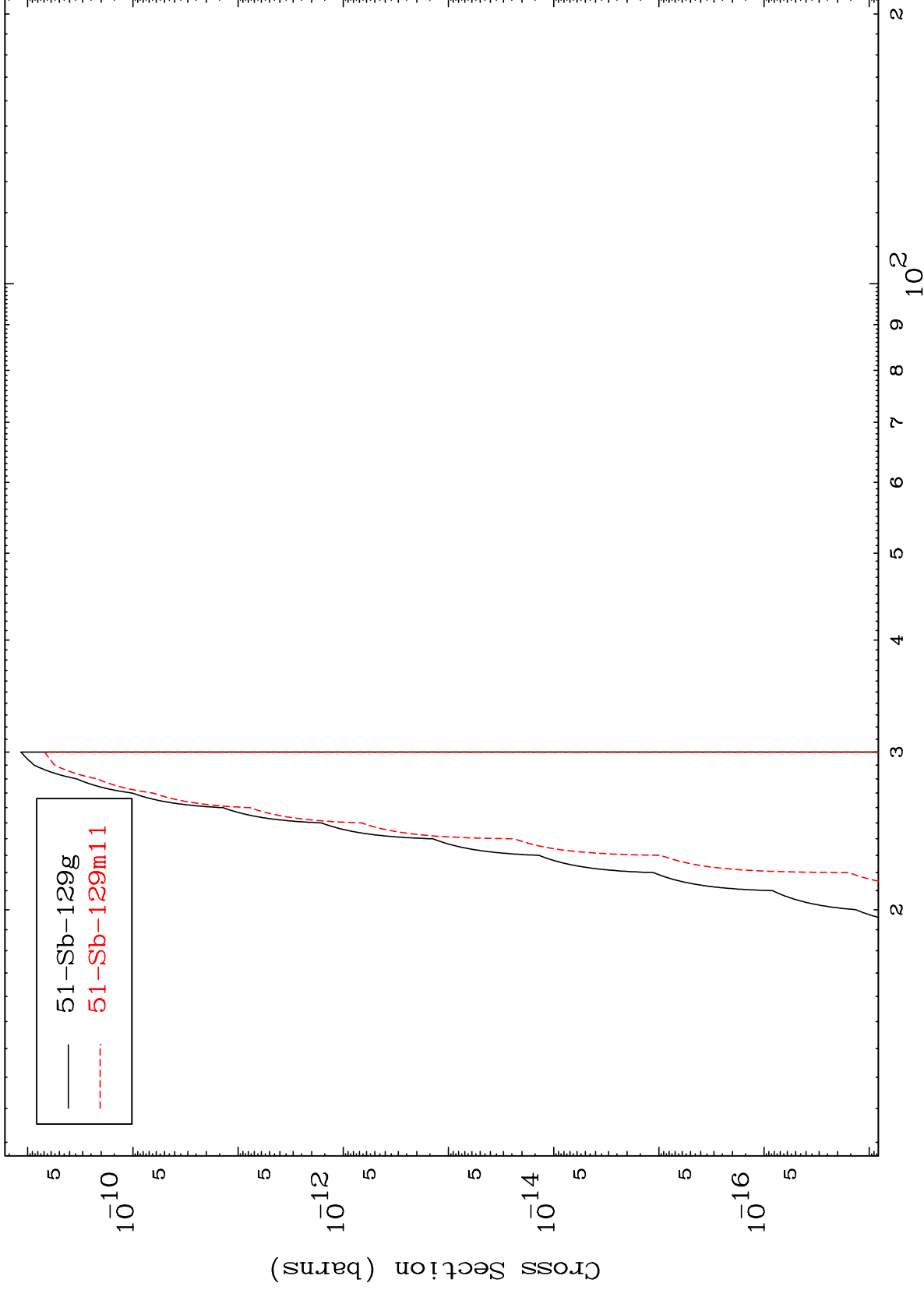
54-Xe-134

MAT 5455

(n,d) α

54-Xe-134

Radionuclide Production Cross Section



145

Incident Energy (MeV)

54-Xe-134