

Program EVALPLOT
(Version 2021-1)

by

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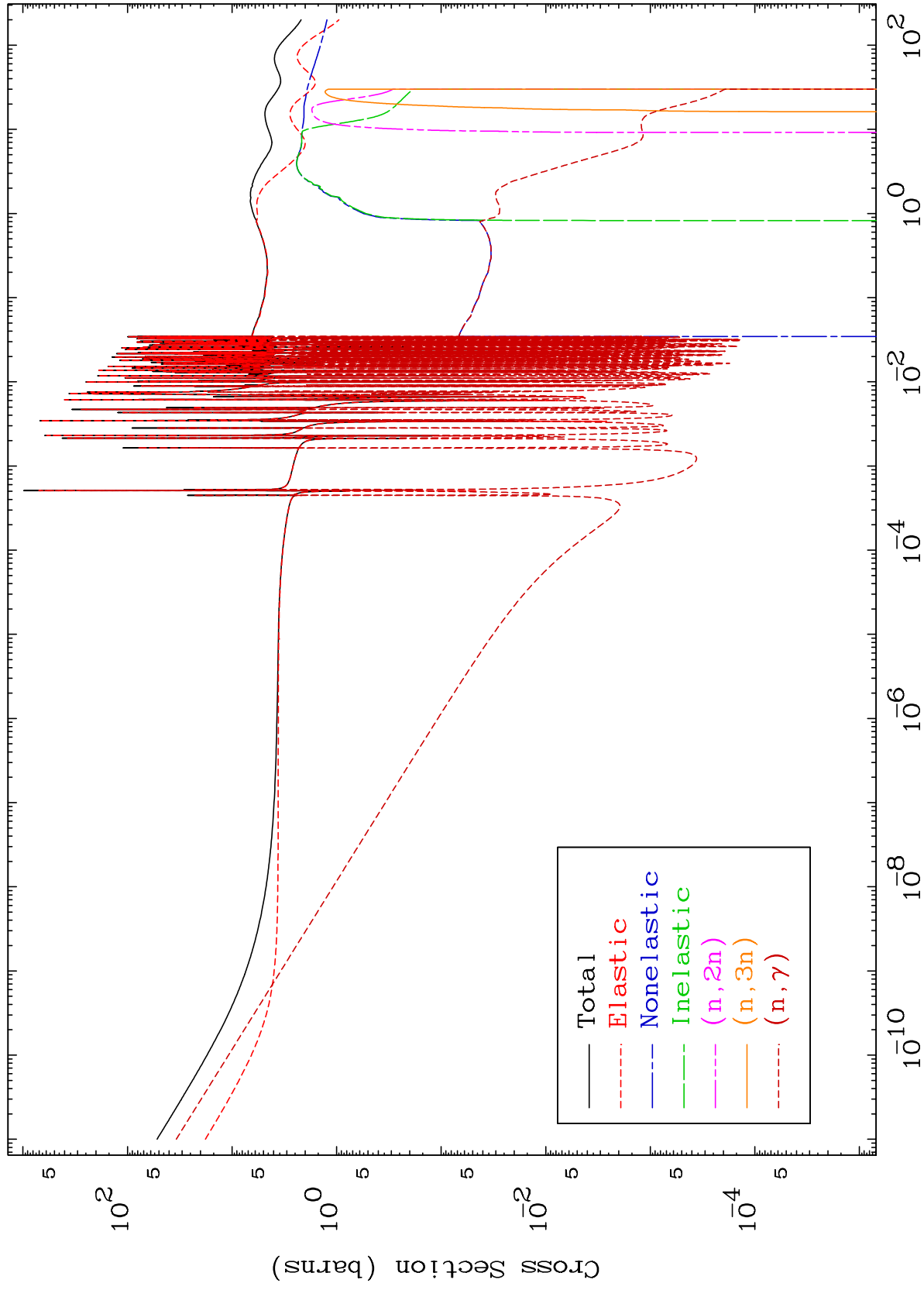
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5643

Neutron Major
293 Kelvin Cross Sections

56-Ba-136



1

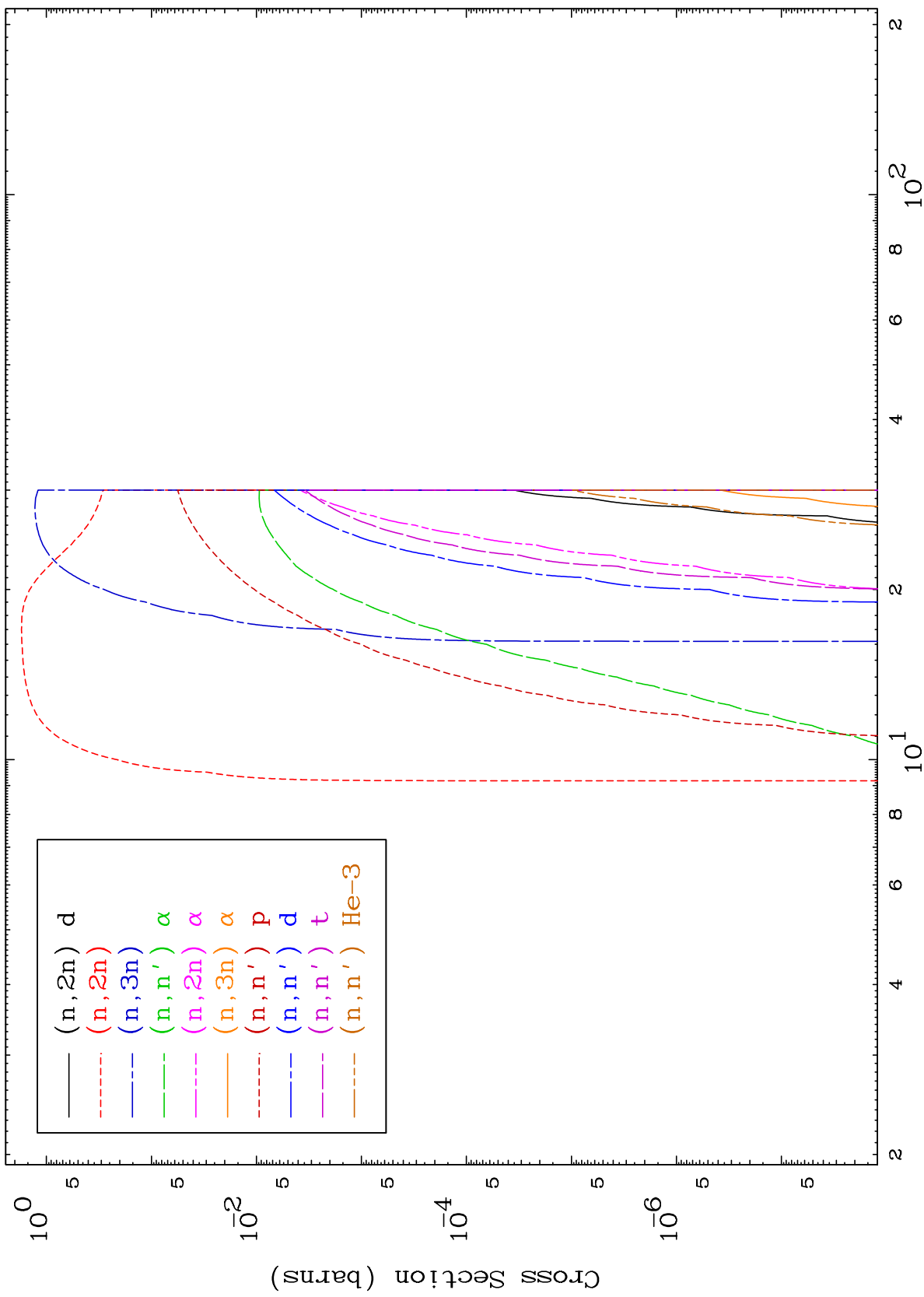
Incident Energy (MeV)

56-Ba-136

MAT 5643

Neutron Absorption
293 Kelvin Cross Sections

56-Ba-136



2

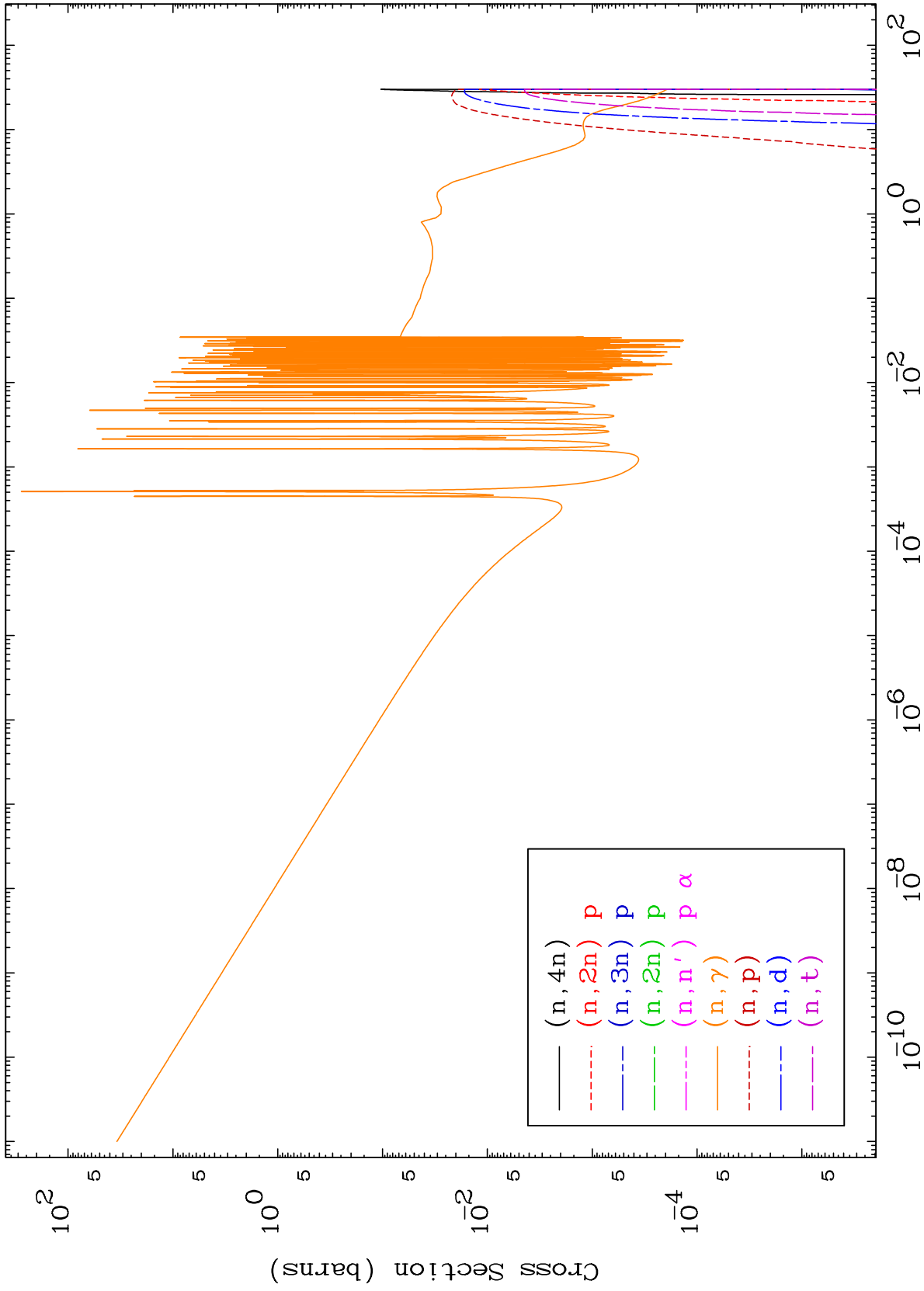
Incident Energy (MeV)

56-Ba-136

MAT 5643

Neutron Absorption
293 Kelvin Cross Sections

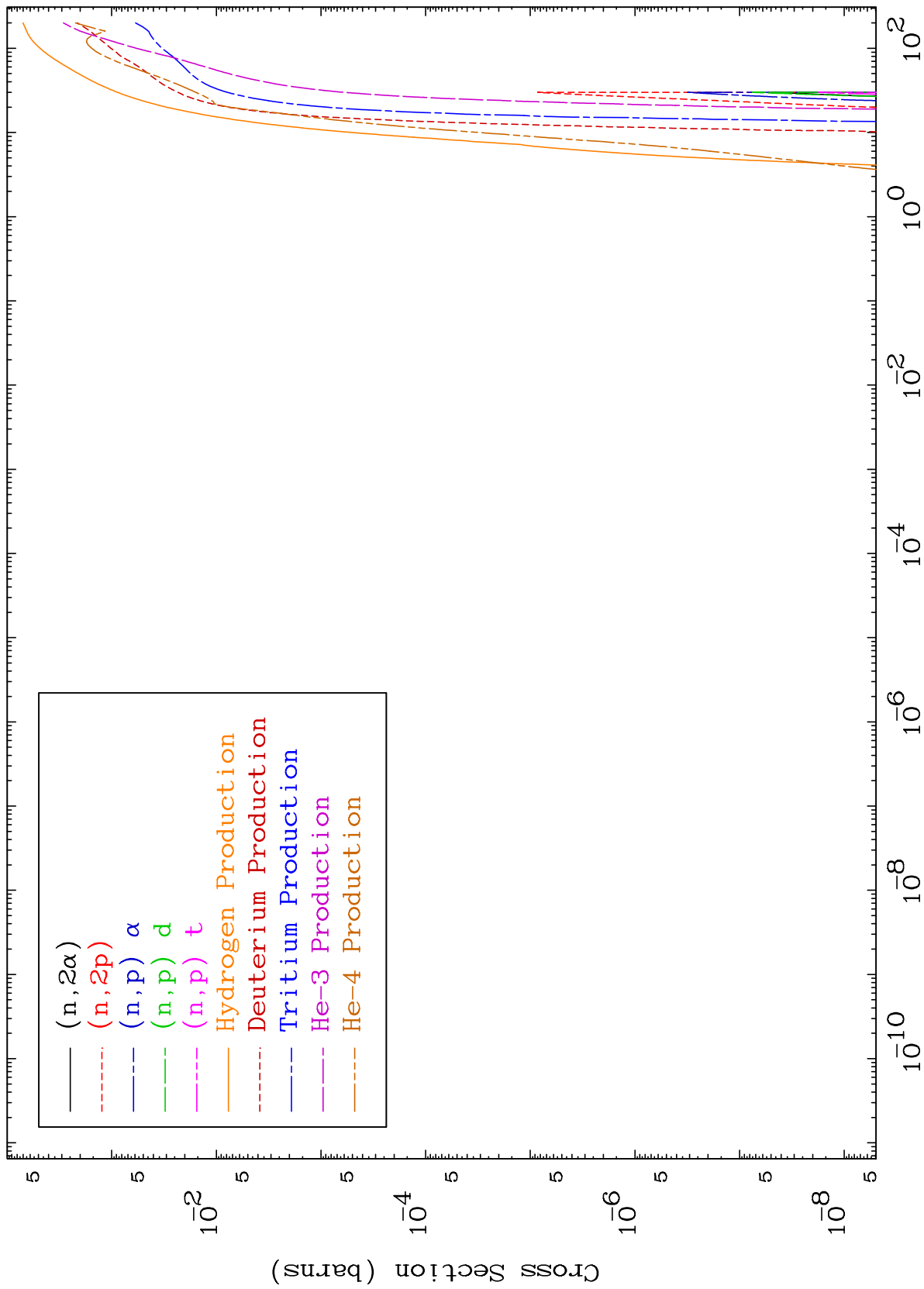
56-Ba-136

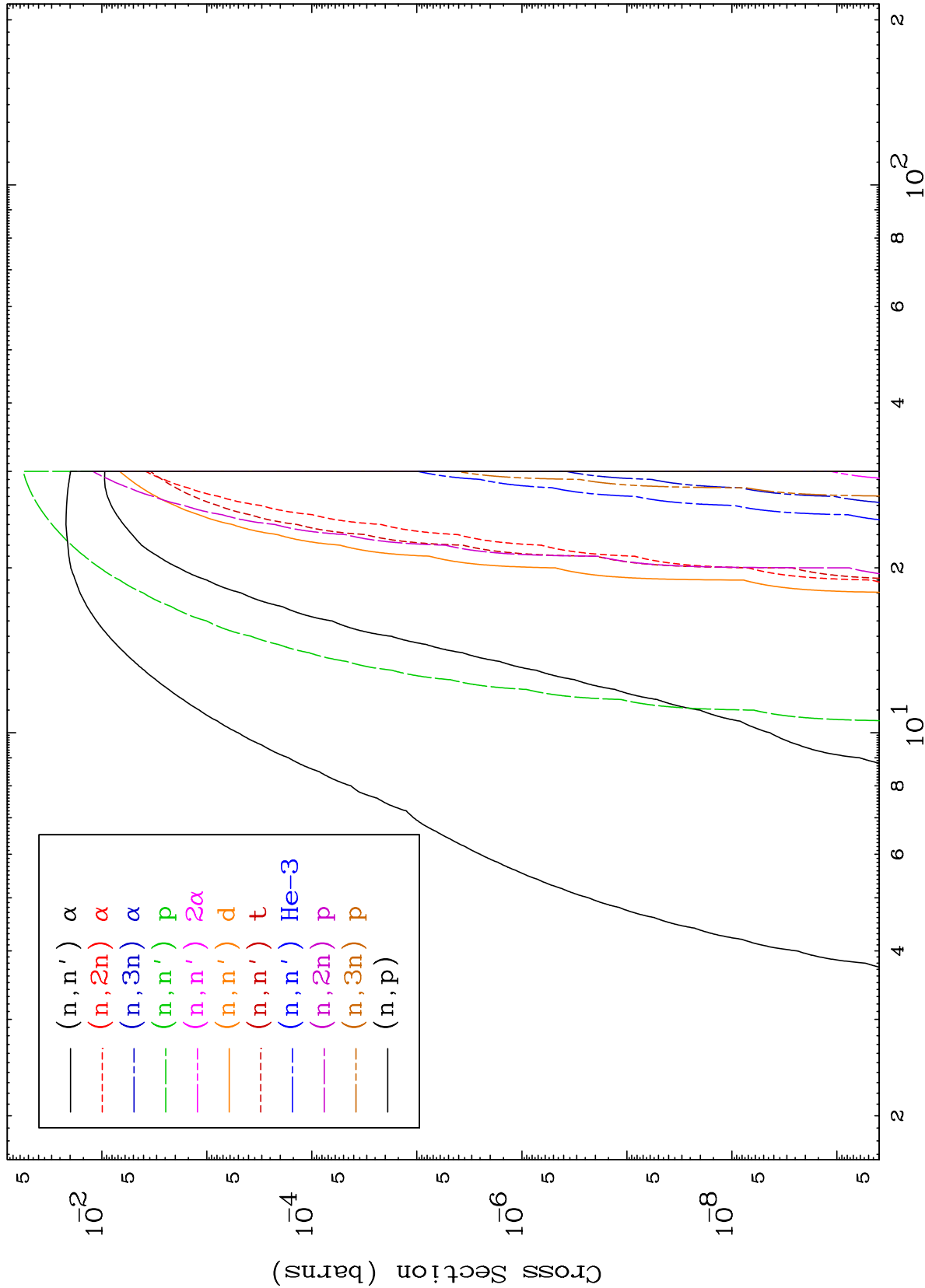


MAT 5643

Neutron Absorption
293 Kelvin Cross Sections

56-Ba-136

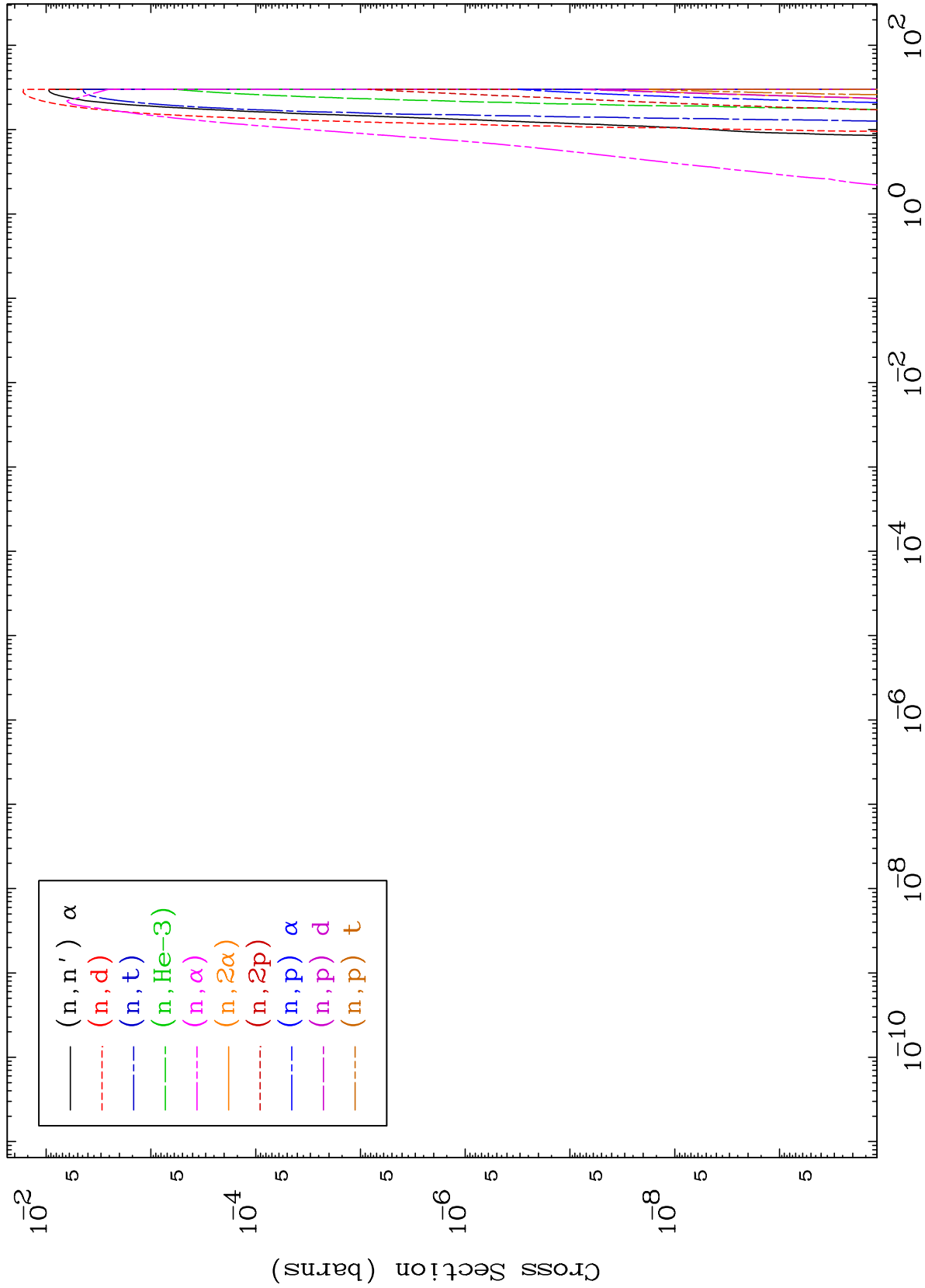




MAT 5643

Charged Particle
293 Kelvin Cross Sections

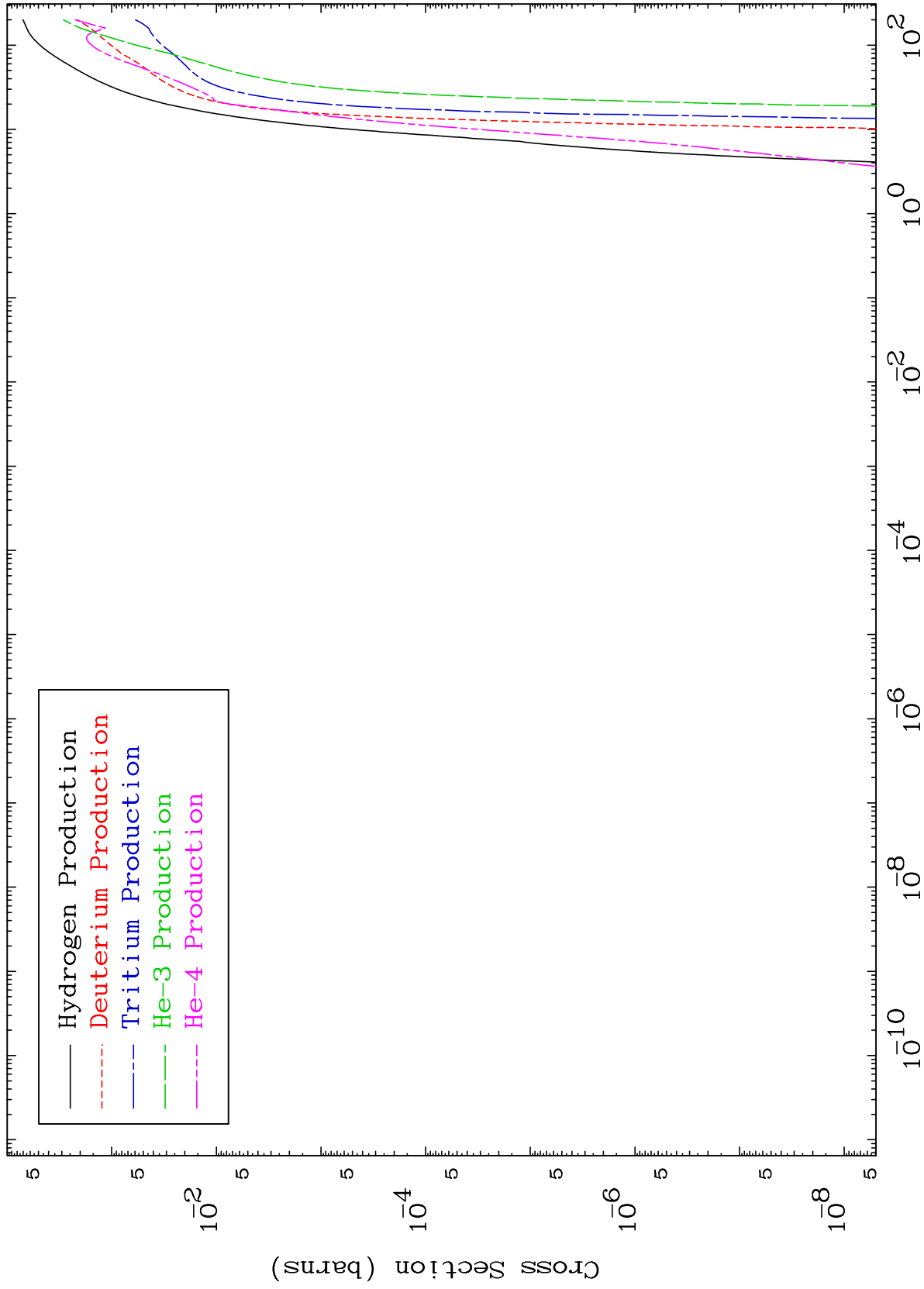
56-Ba-136



MAT 5643

Particle Production
293 Kelvin Cross Sections

56-Ba-136

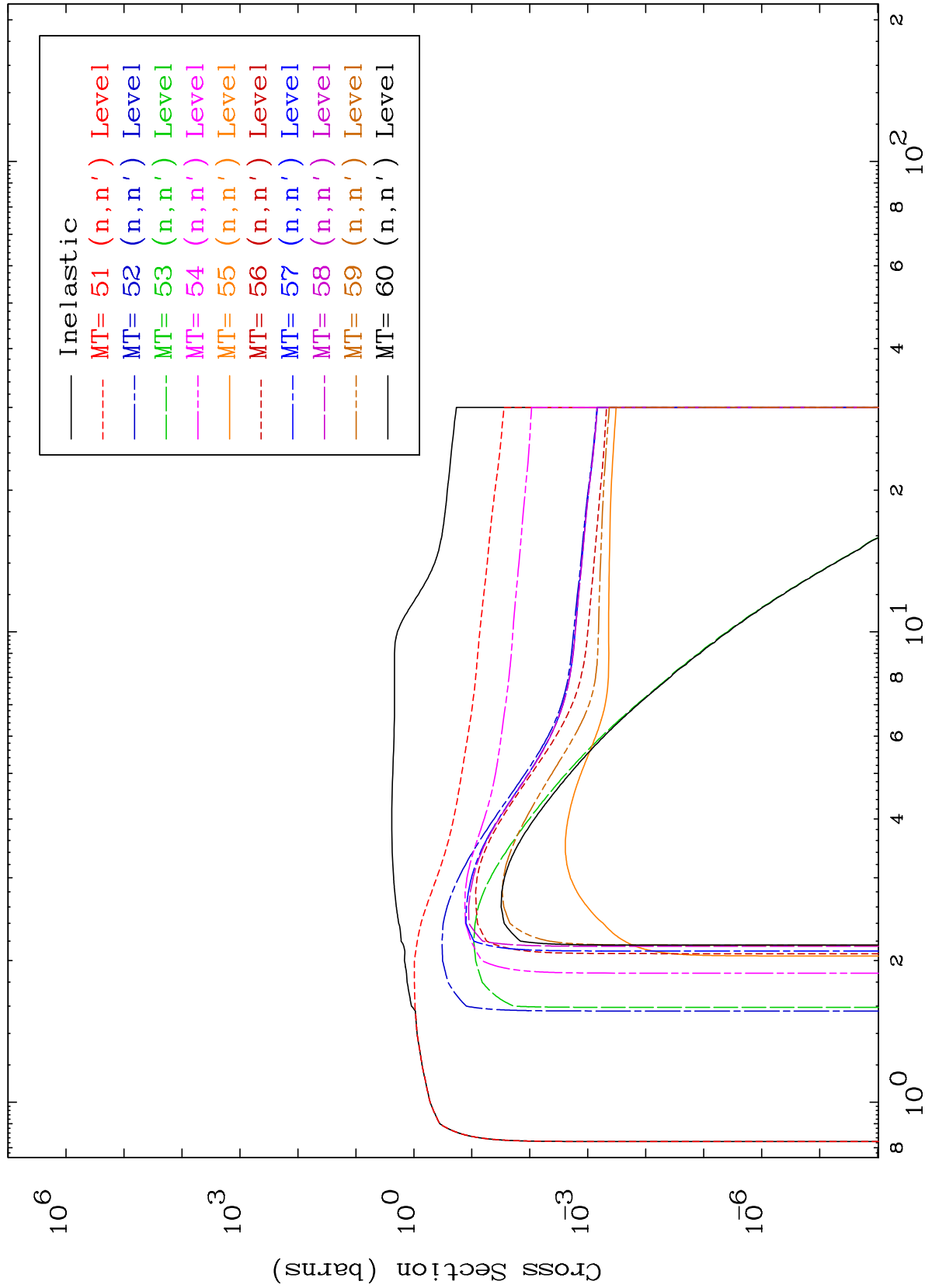


MAT 5643

(n,n') Levels

56-Ba-136

293 Kelvin Cross Sections



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Incident Energy (MeV)

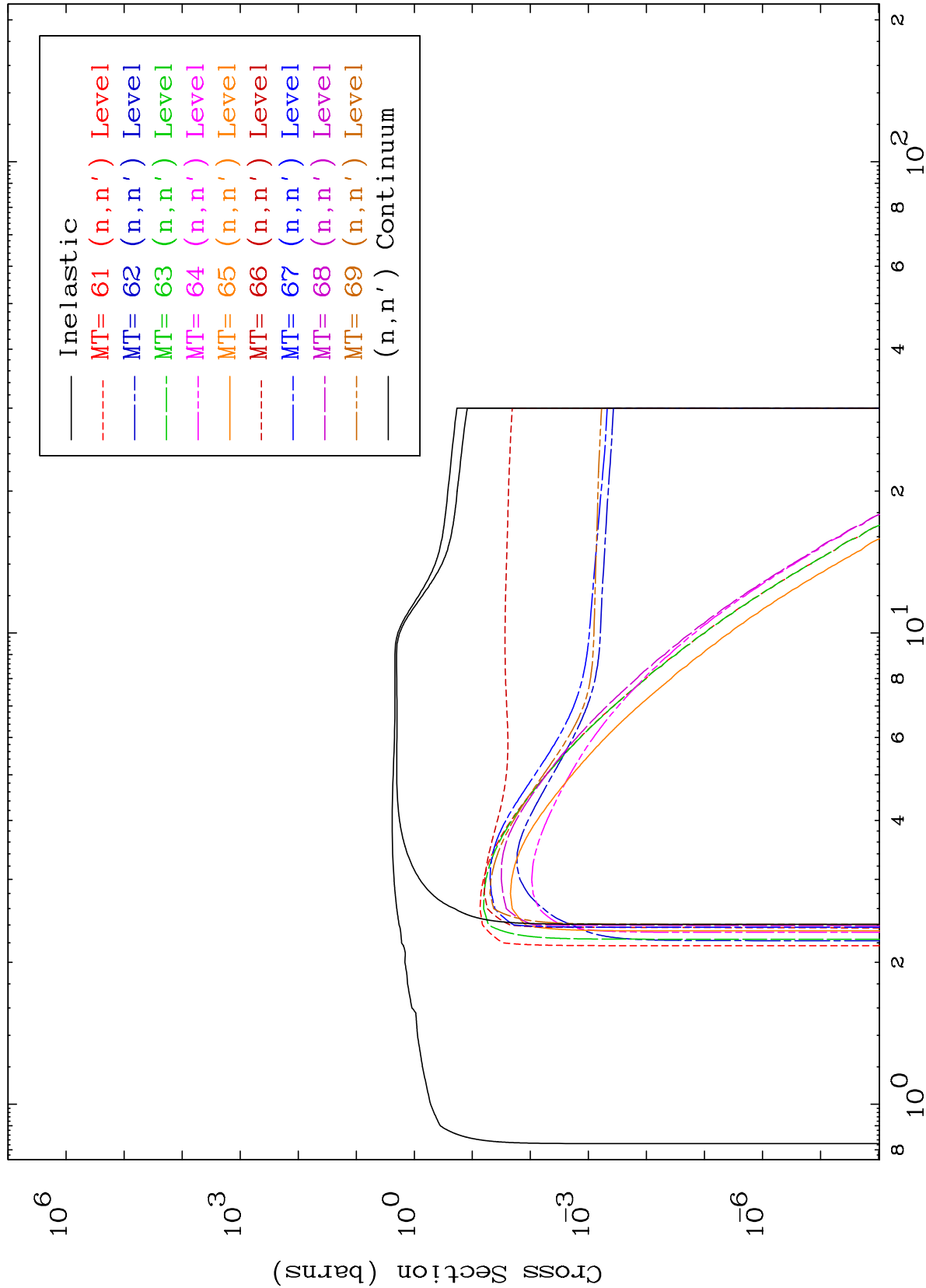
56-Ba-136

MAT 5643

(n,n') Levels

293 Kelvin Cross Sections

56-Ba-136



9

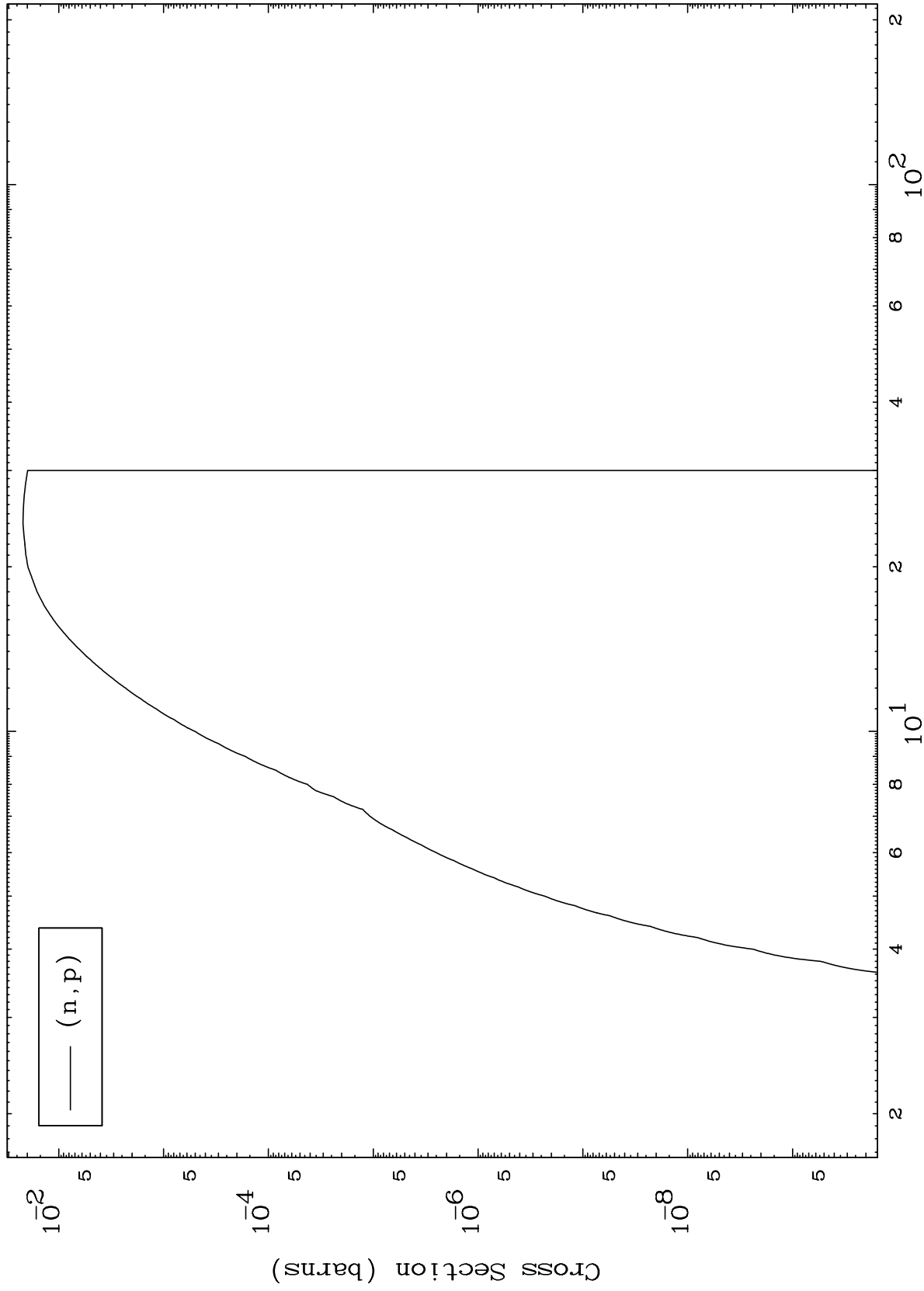
Incident Energy (MeV)

56-Ba-136

MAT 5643

(n,p) Levels
293 Kelvin Cross Sections

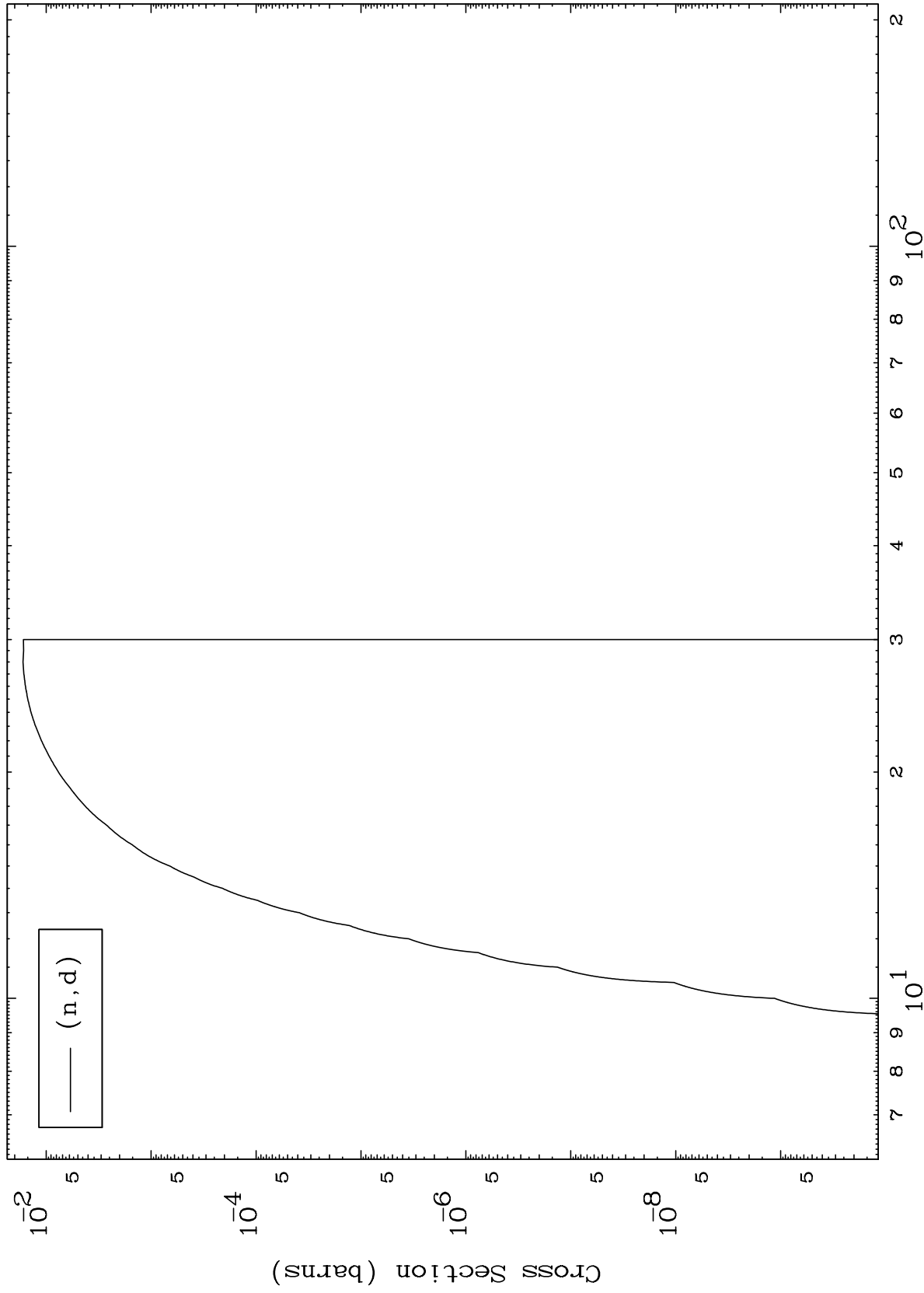
56-Ba-136



MAT 5643

56-Ba-136

(n,d) Levels
293 Kelvin Cross Sections



11

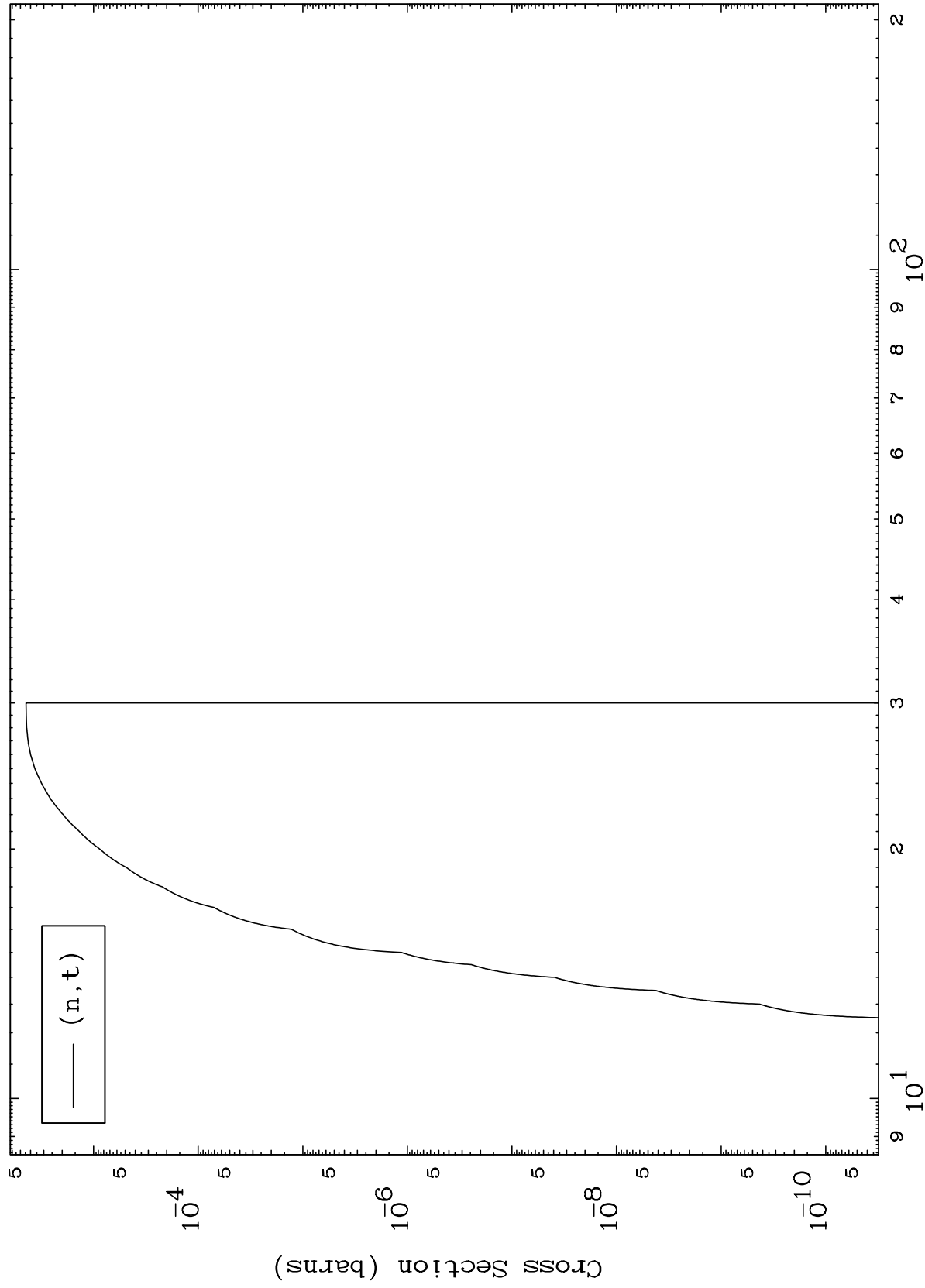
Incident Energy (MeV)

56-Ba-136

MAT 5643

56-Ba-136

(n,t) Levels
293 Kelvin Cross Sections



56-Ba-136

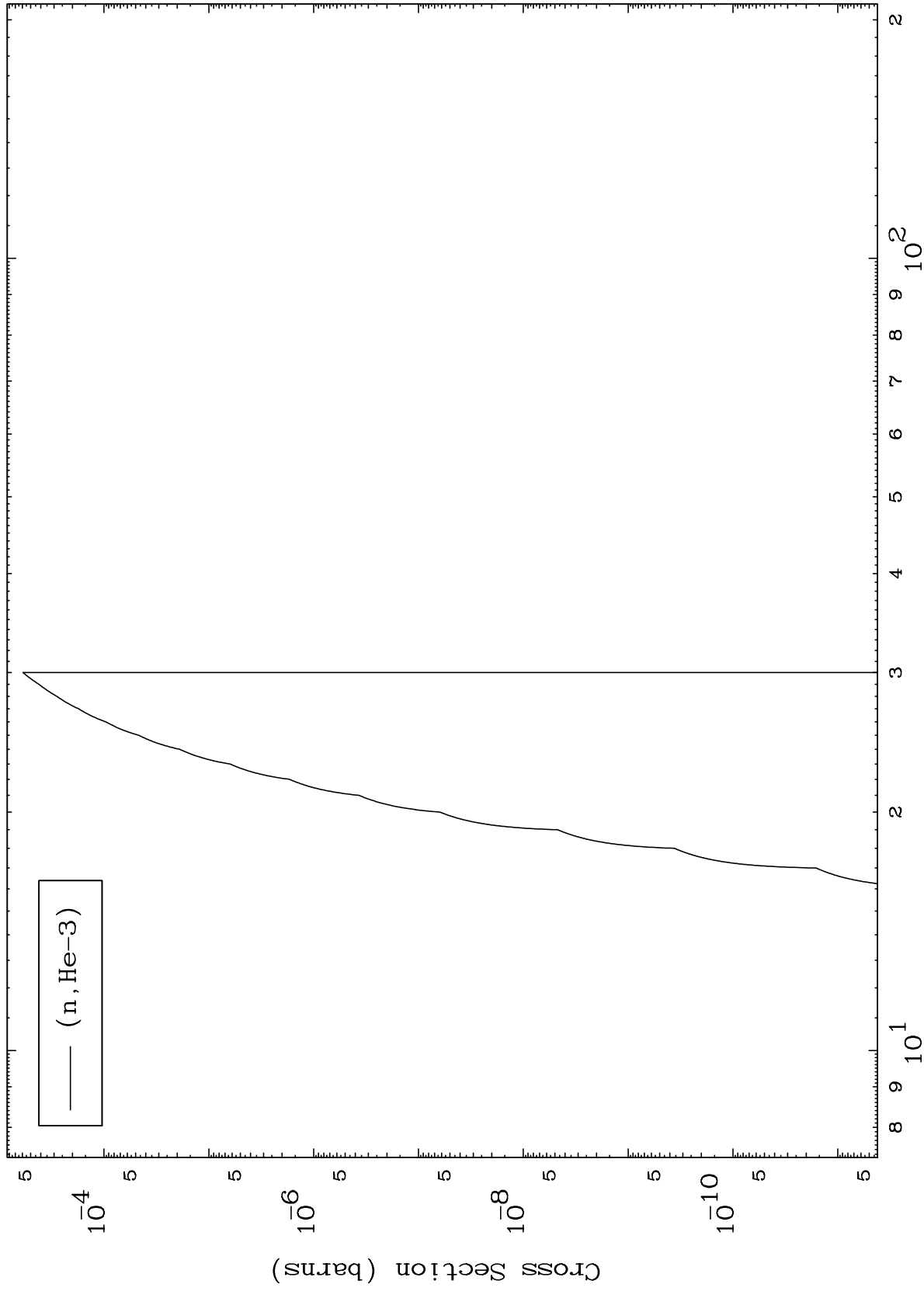
Incident Energy (MeV)

12

MAT 5643

56-Ba-136

(n,He3) Levels
293 Kelvin Cross Sections



13

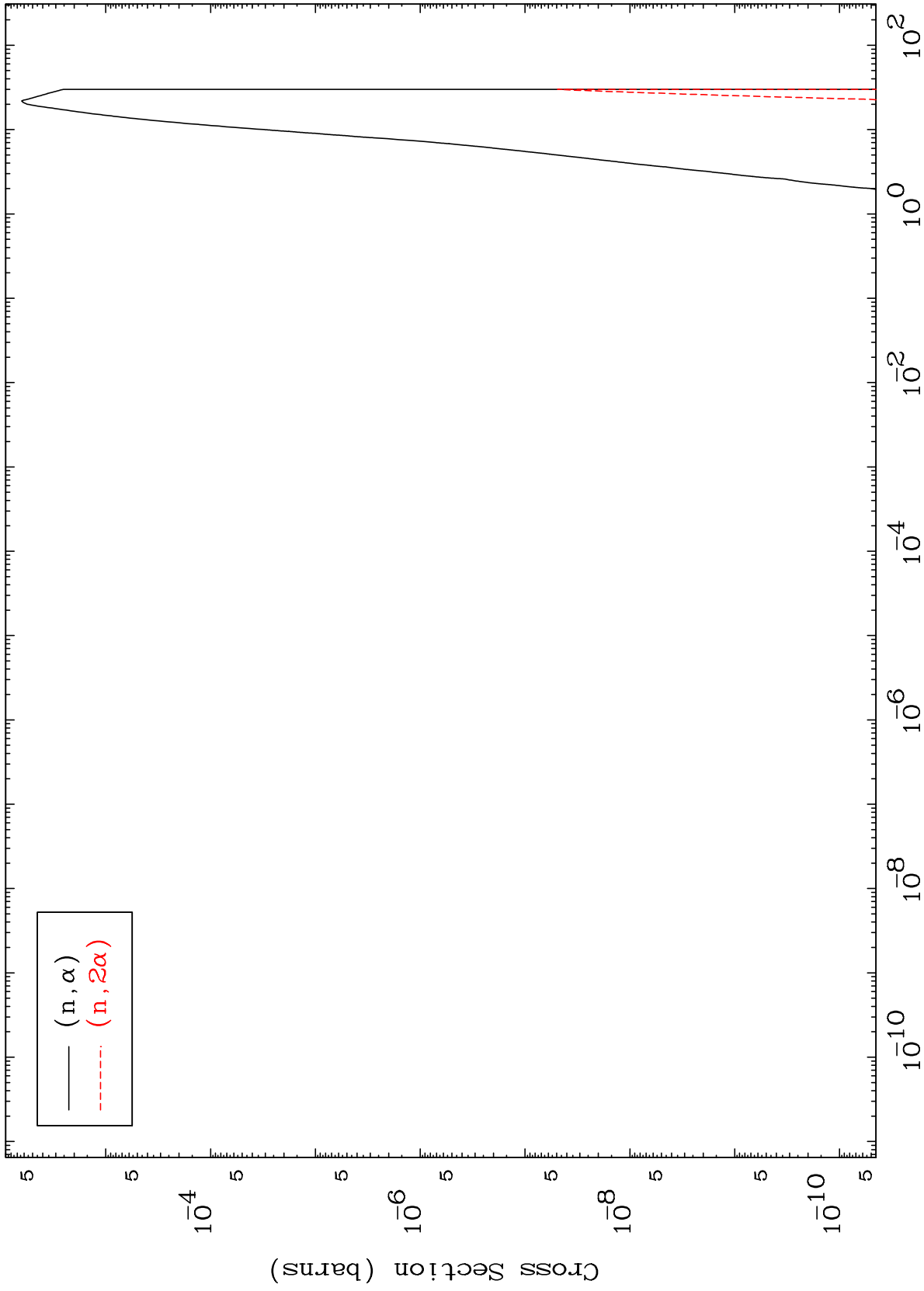
Incident Energy (MeV)

56-Ba-136

MAT 5643

(n, α) Levels
293 Kelvin Cross Sections

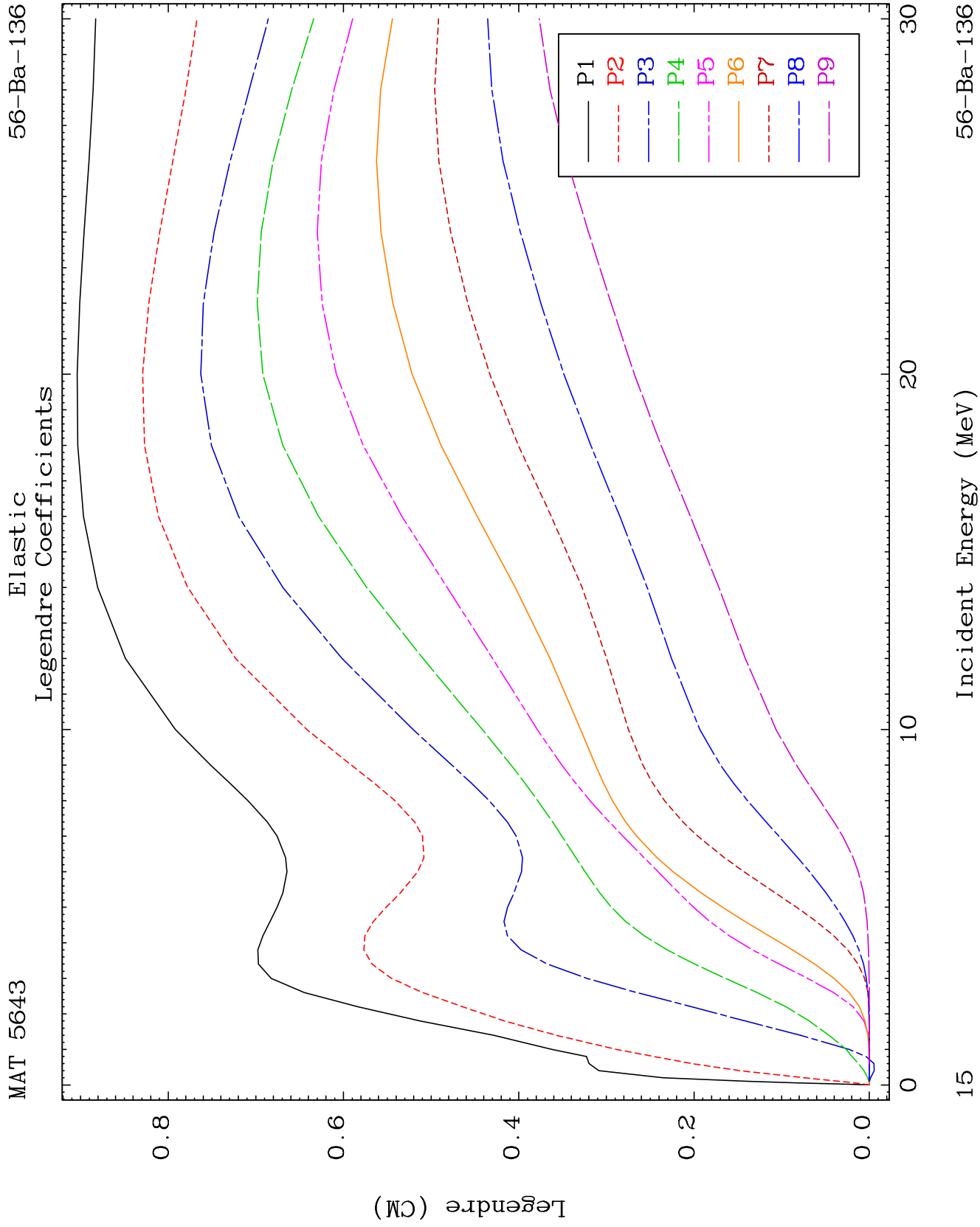
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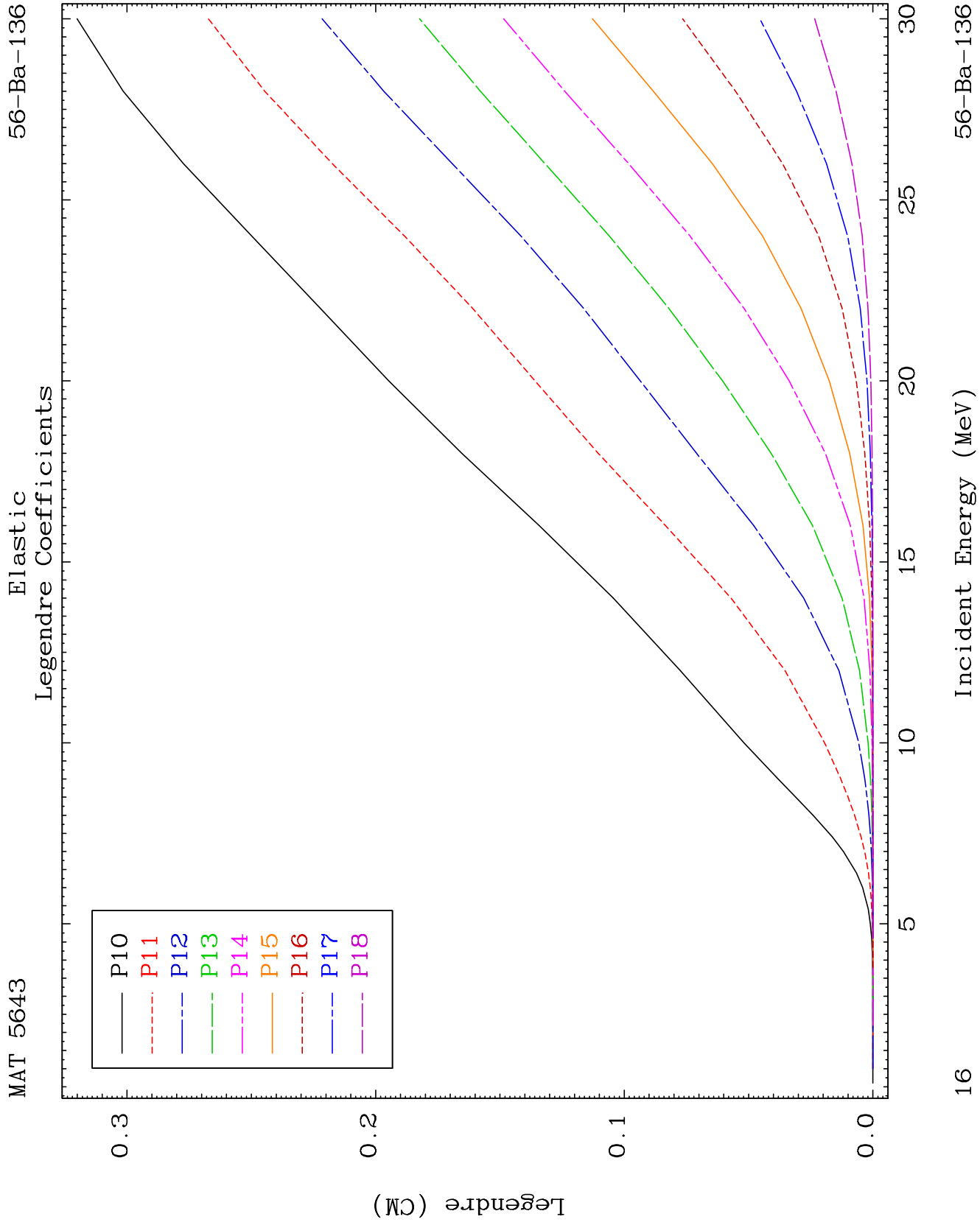


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Incident Energy (MeV)

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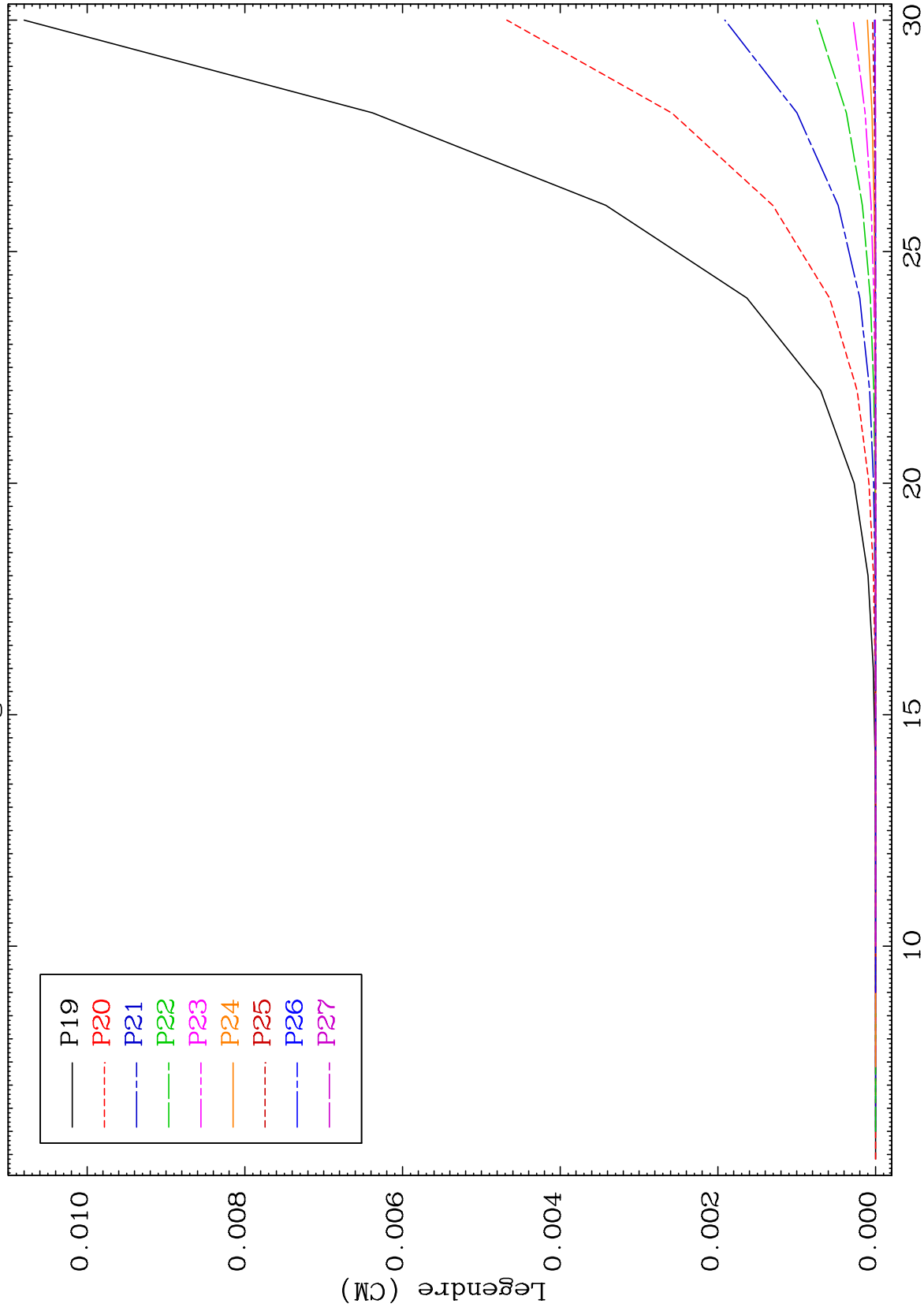




MAT 5643

Elastic
Legendre Coefficients

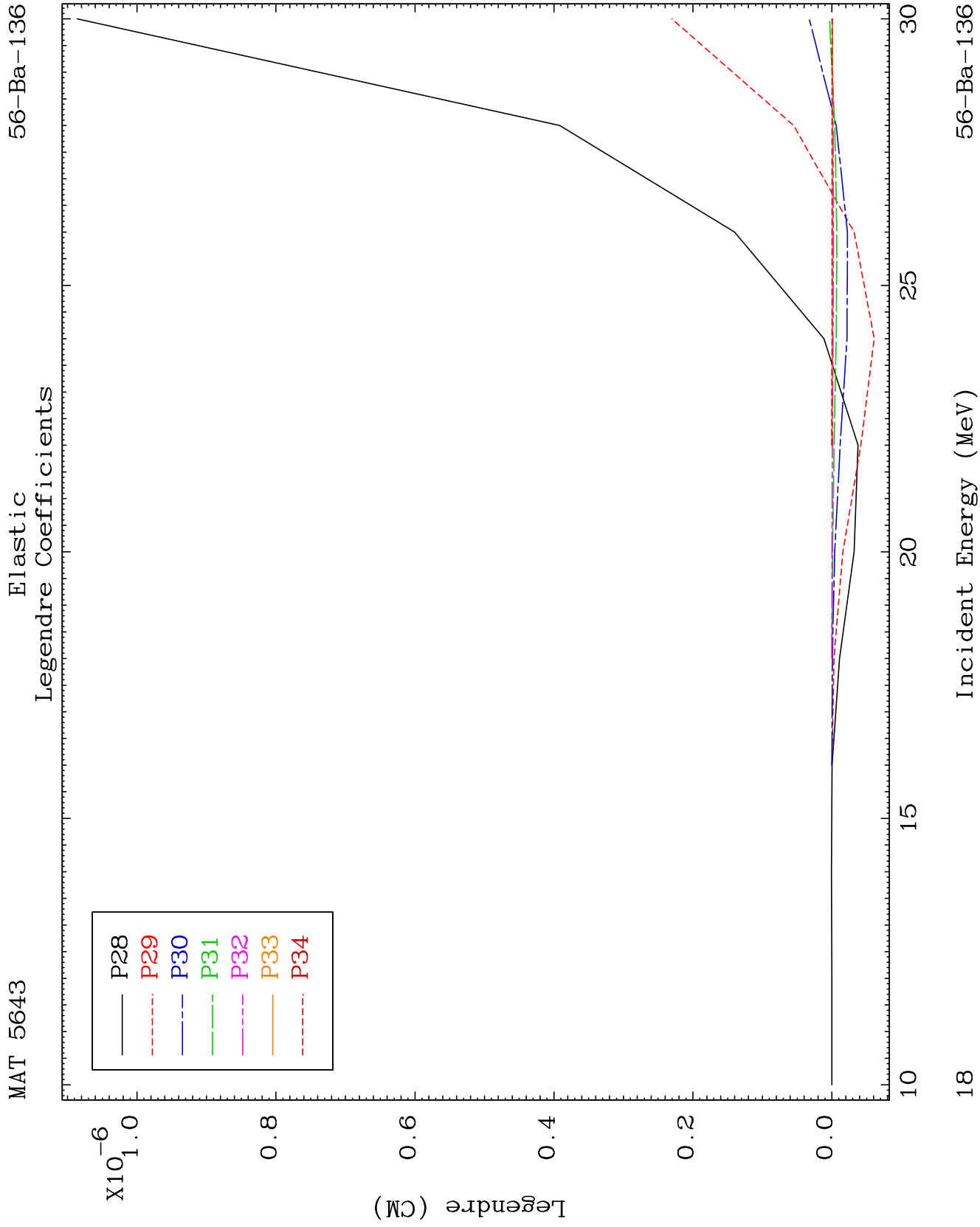
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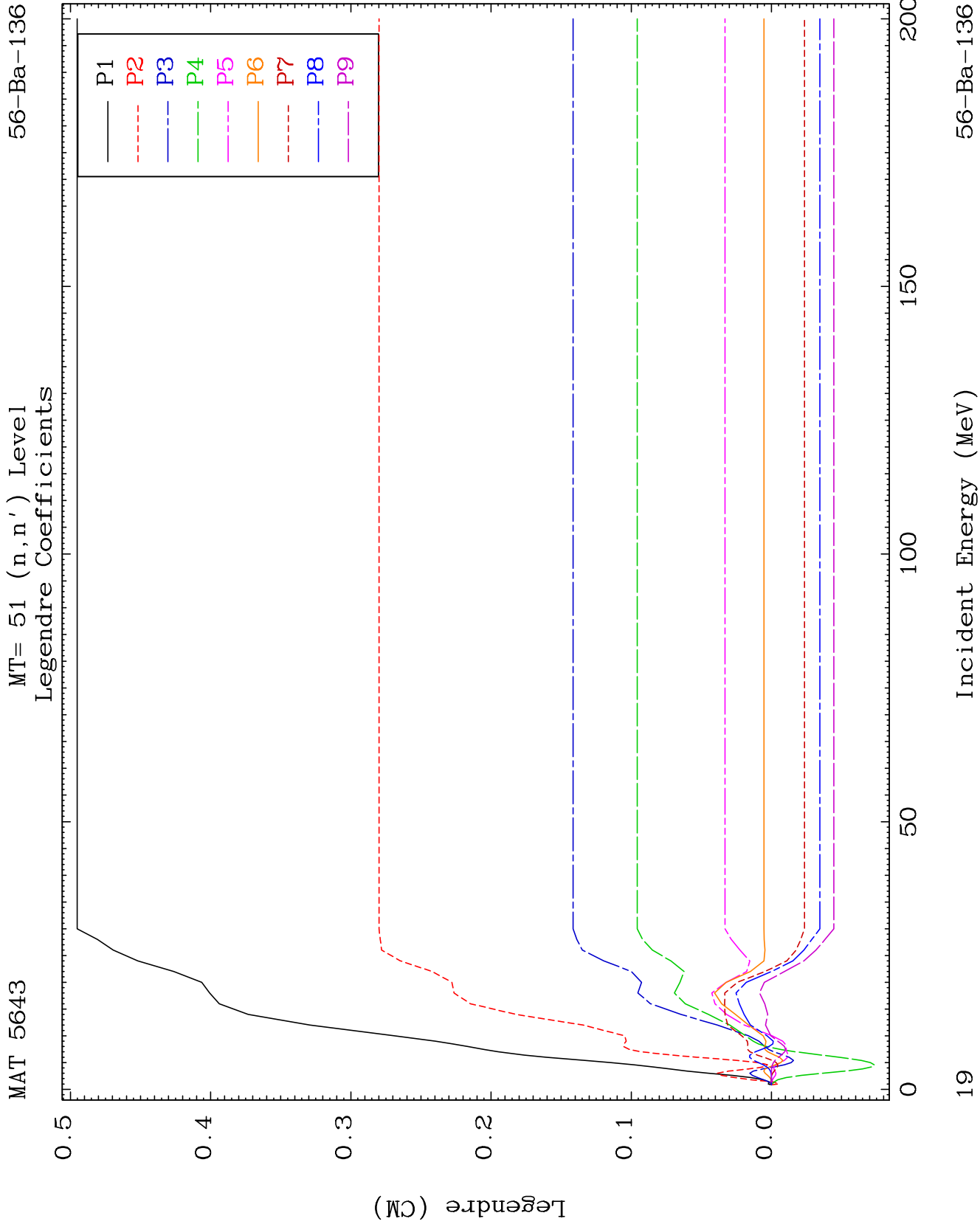


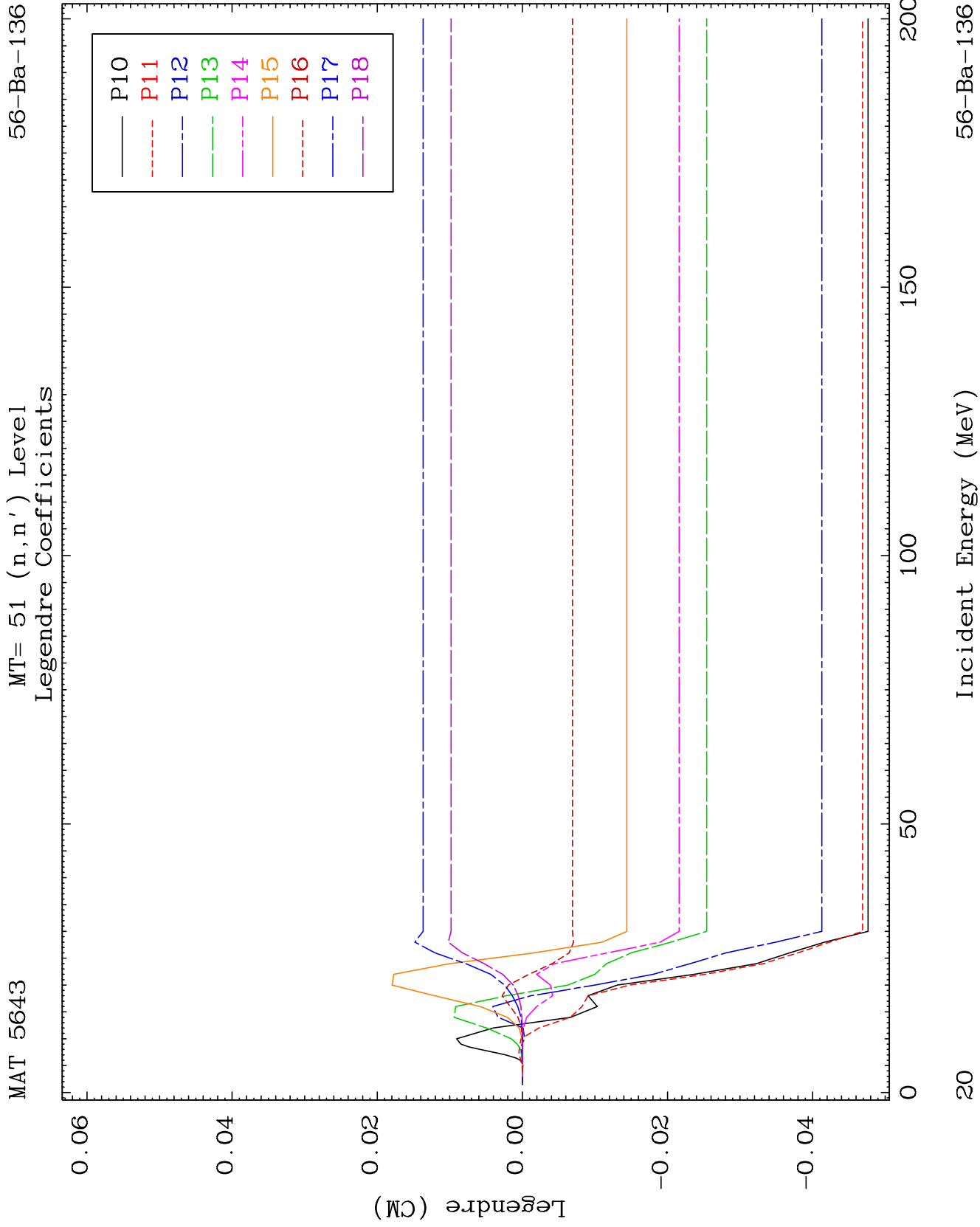
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Incident Energy (MeV)

56-Ba-136



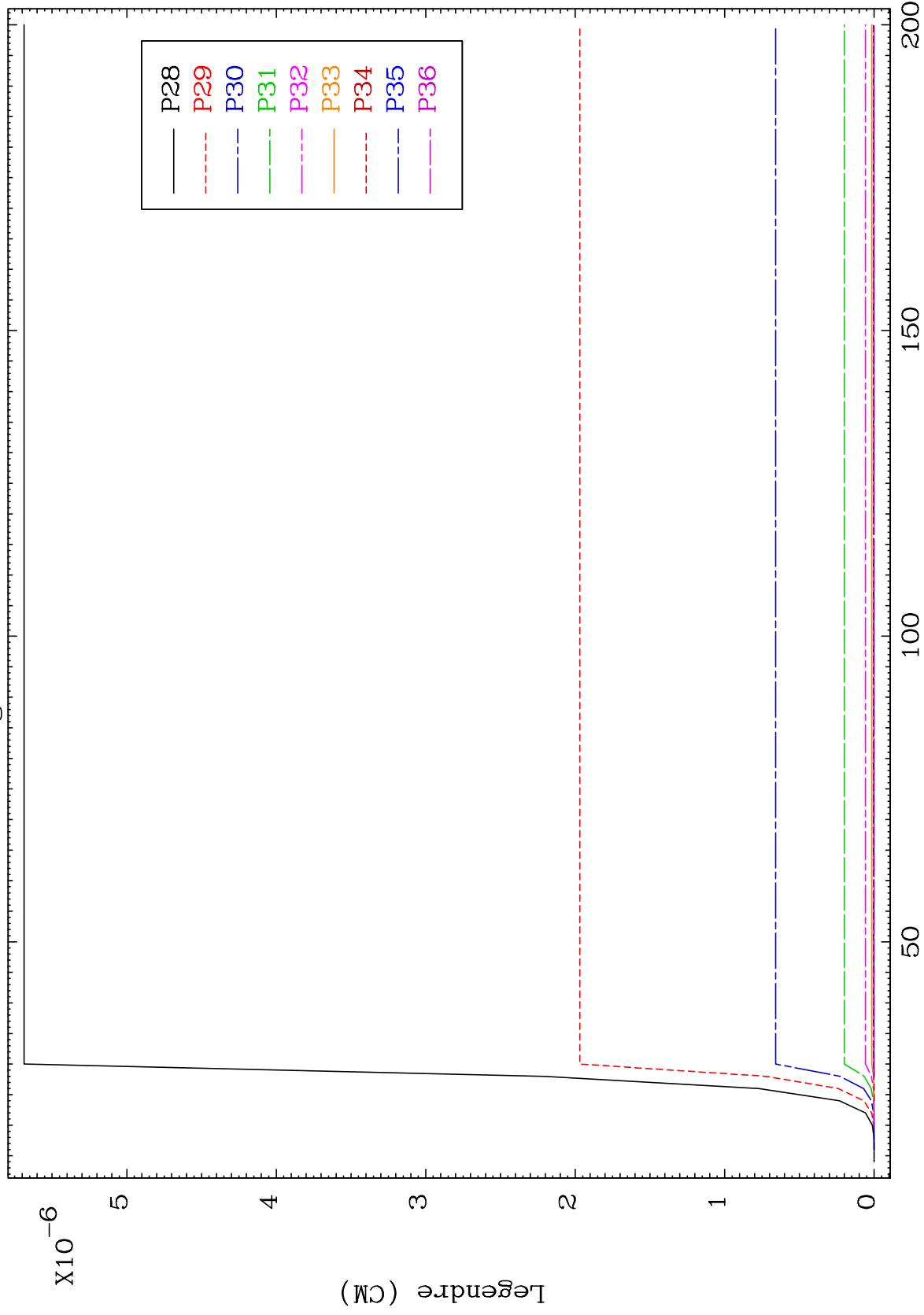




MAT 5643

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

56-Ba-136

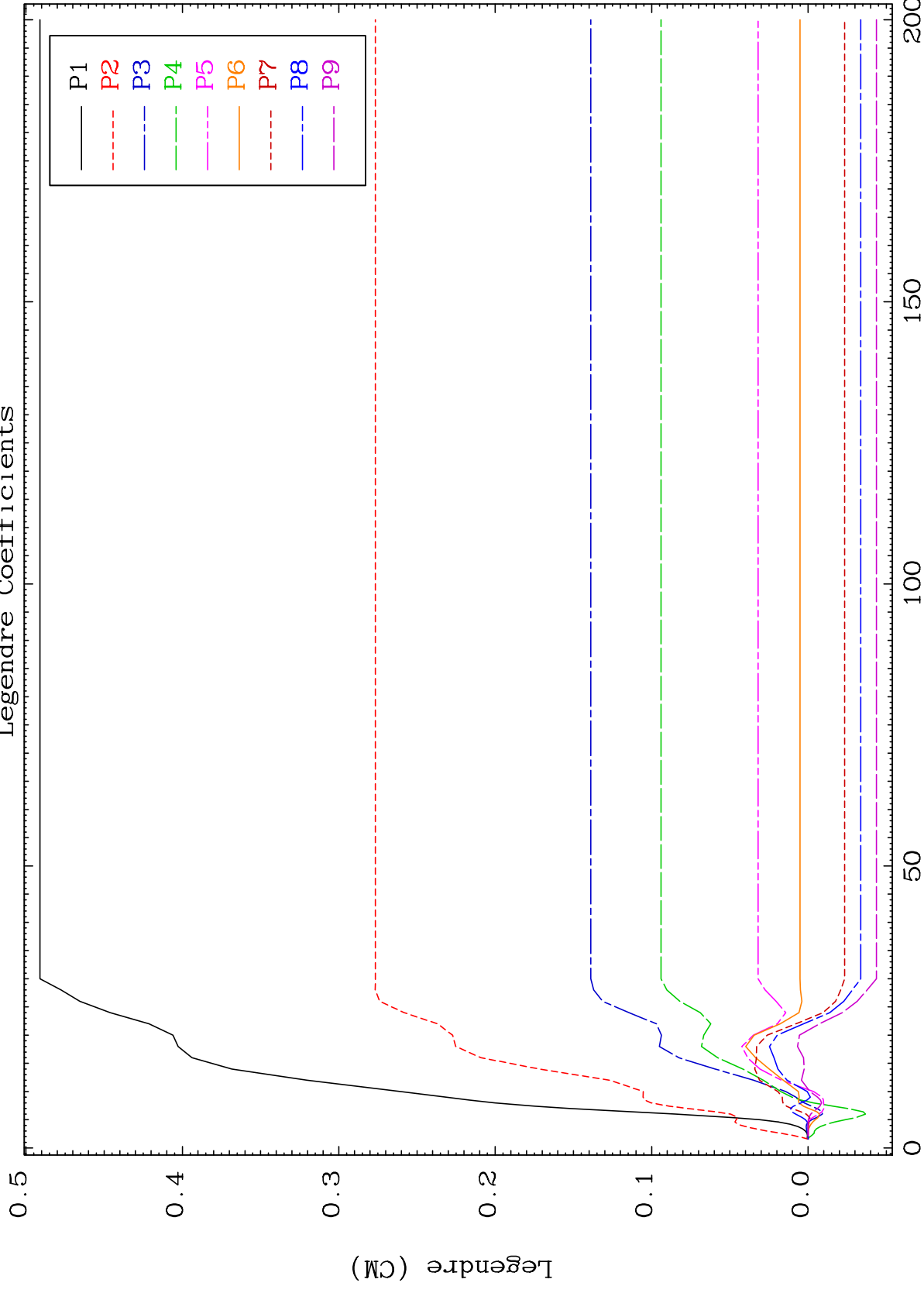


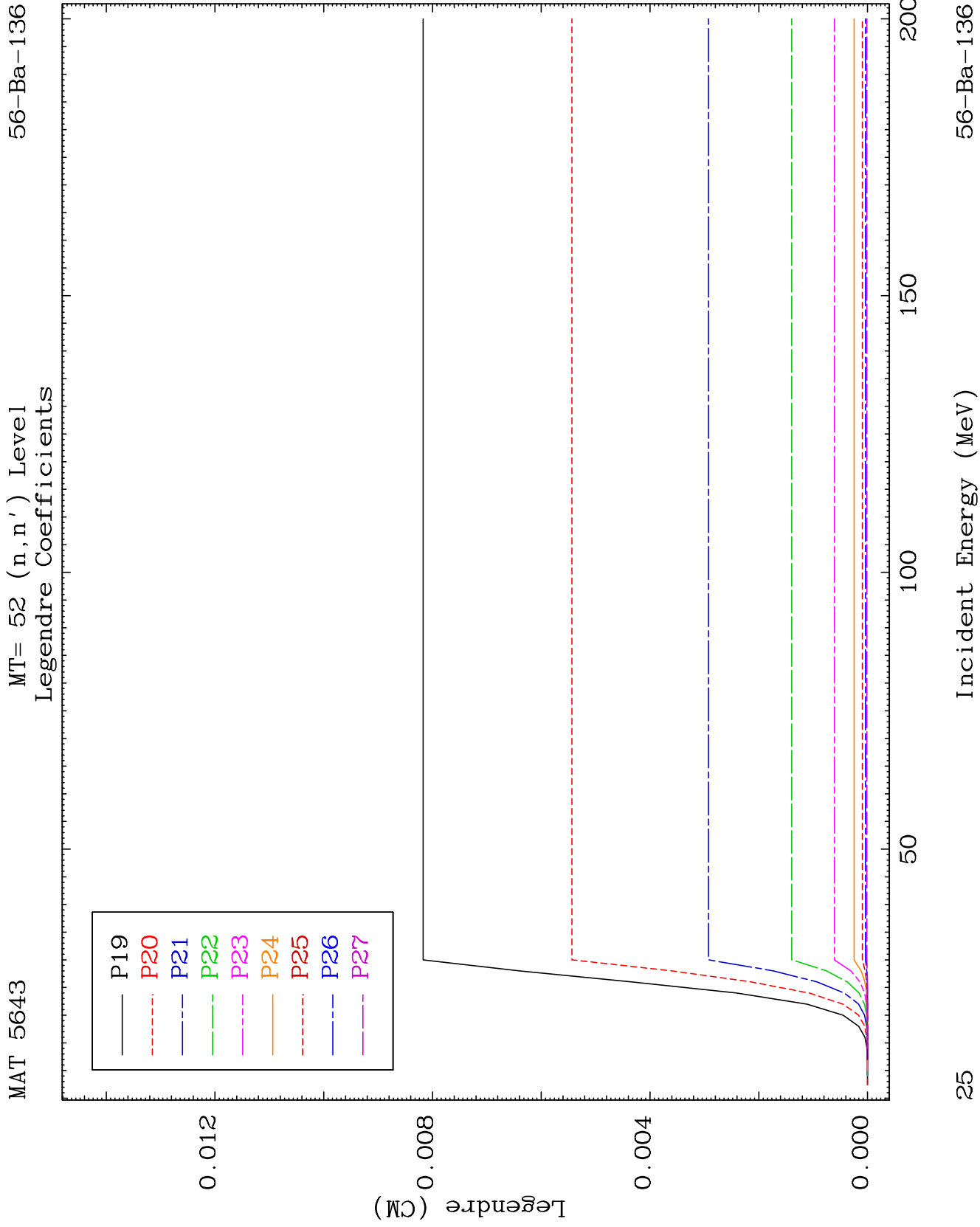
22

Incident Energy (MeV)

56-Ba-136

MAT 5643 MT= 52 (n,n') Level Legendre Coefficients 56-Ba-136

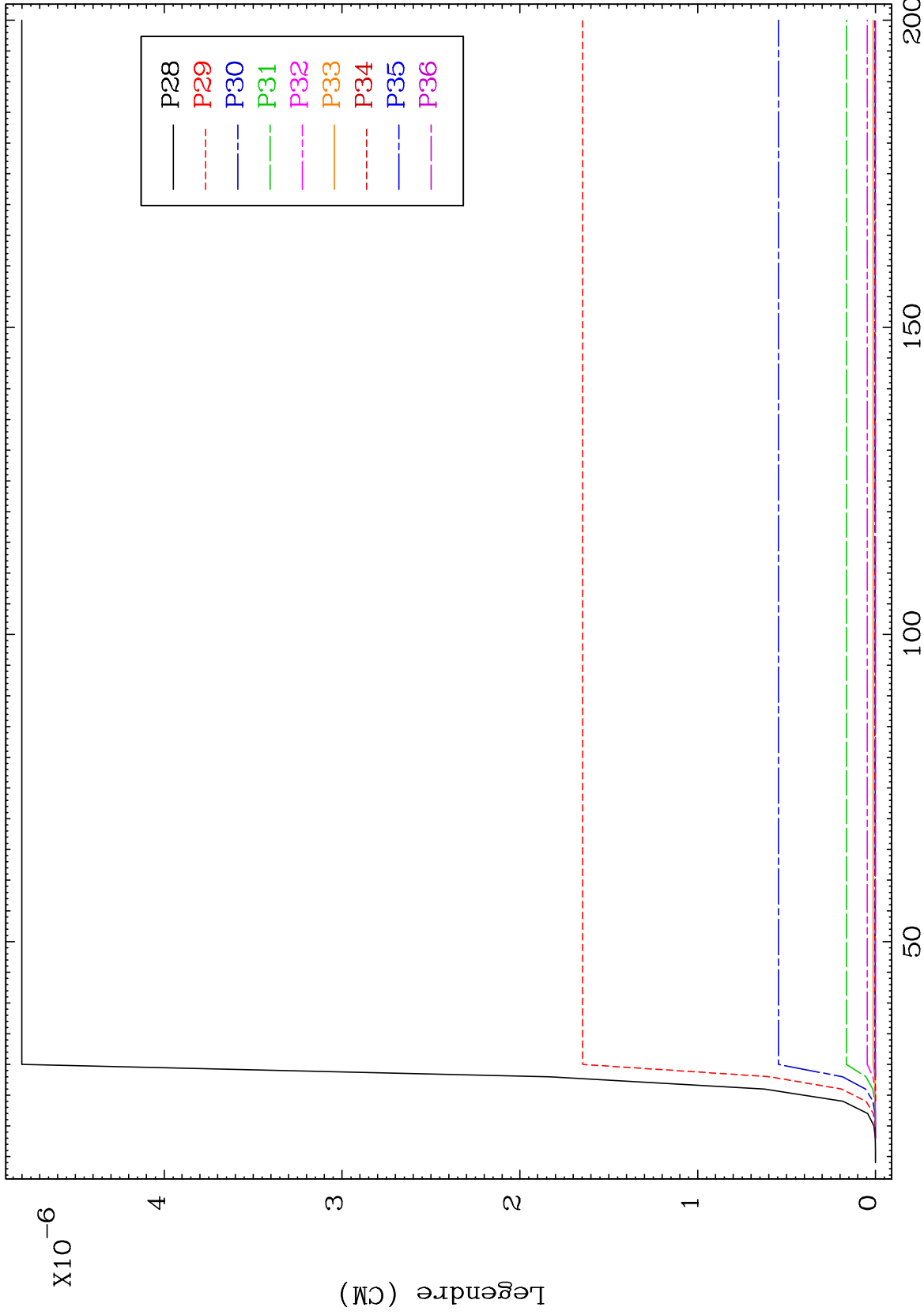




MAT 5643

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

56-Ba-136



26

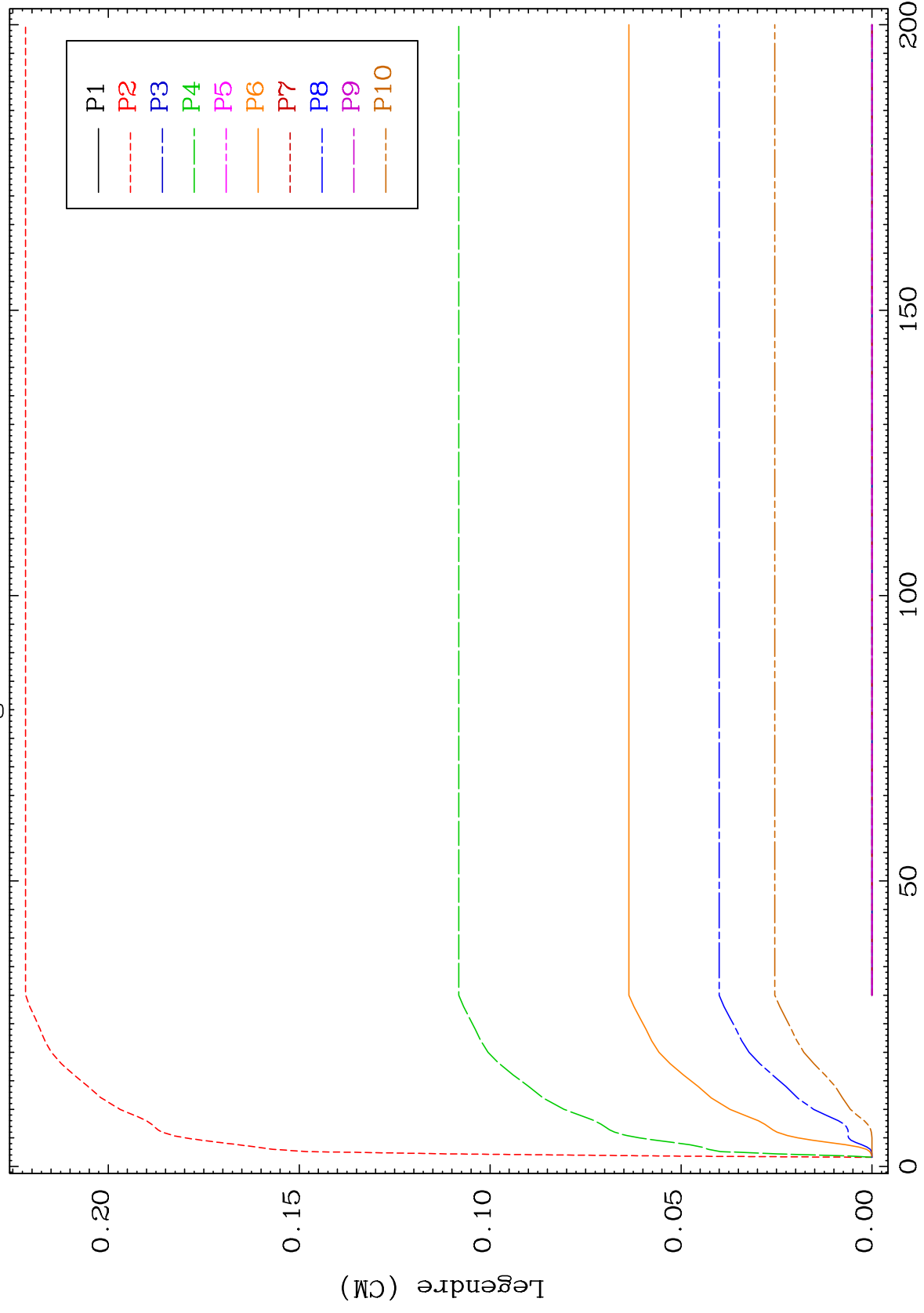
Incident Energy (MeV)

56-Ba-136

MAT 5643

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

56-Ba-136



22

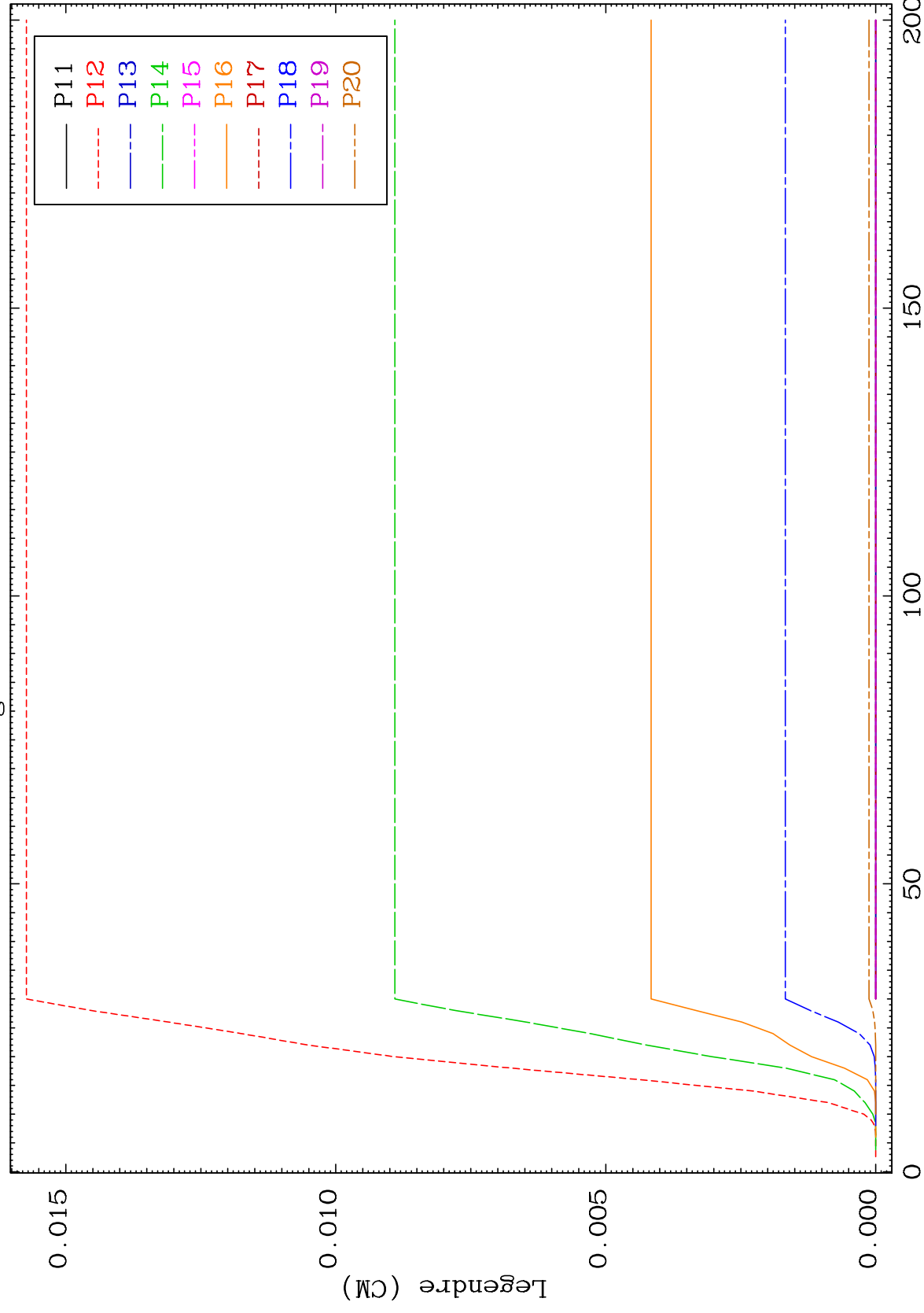
Incident Energy (MeV)

56-Ba-136

MAT 5643

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

56-Ba-136

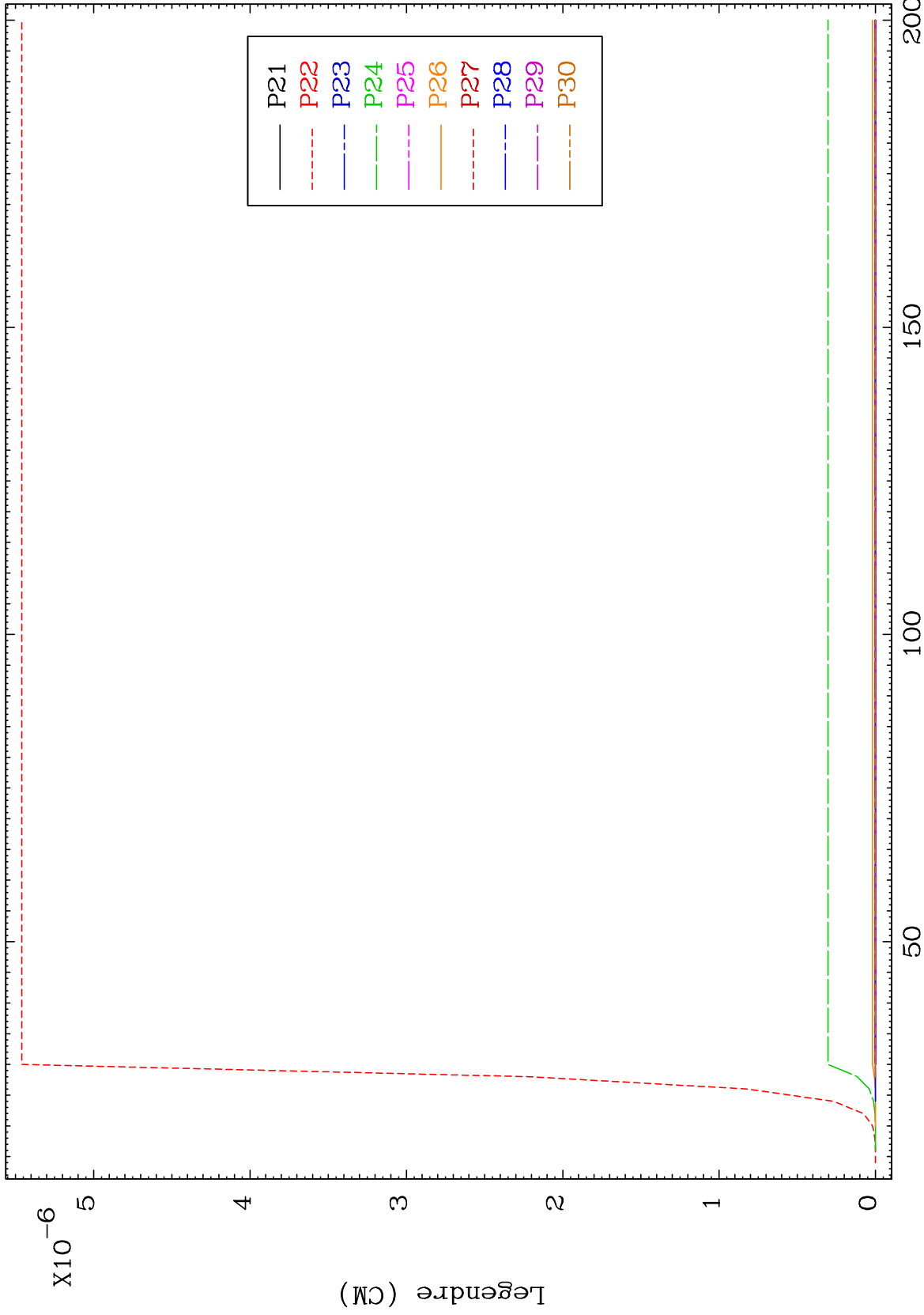


28

Incident Energy (MeV)

56-Ba-136

MAT 5643 MT= 53 (n,n') Level Legendre Coefficients 56-Ba-136

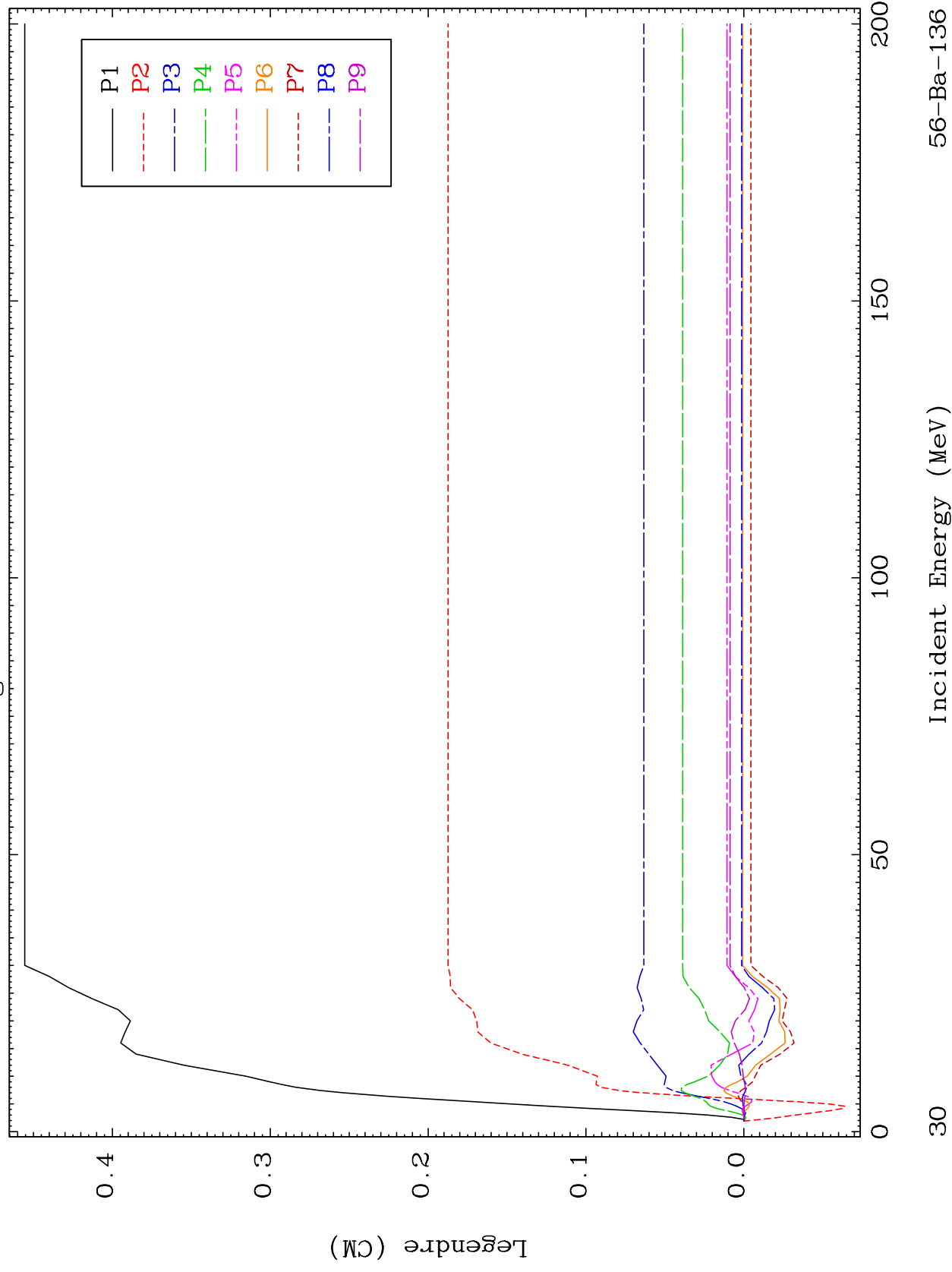


29 50 100 150 200 56-Ba-136

MAT 5643

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

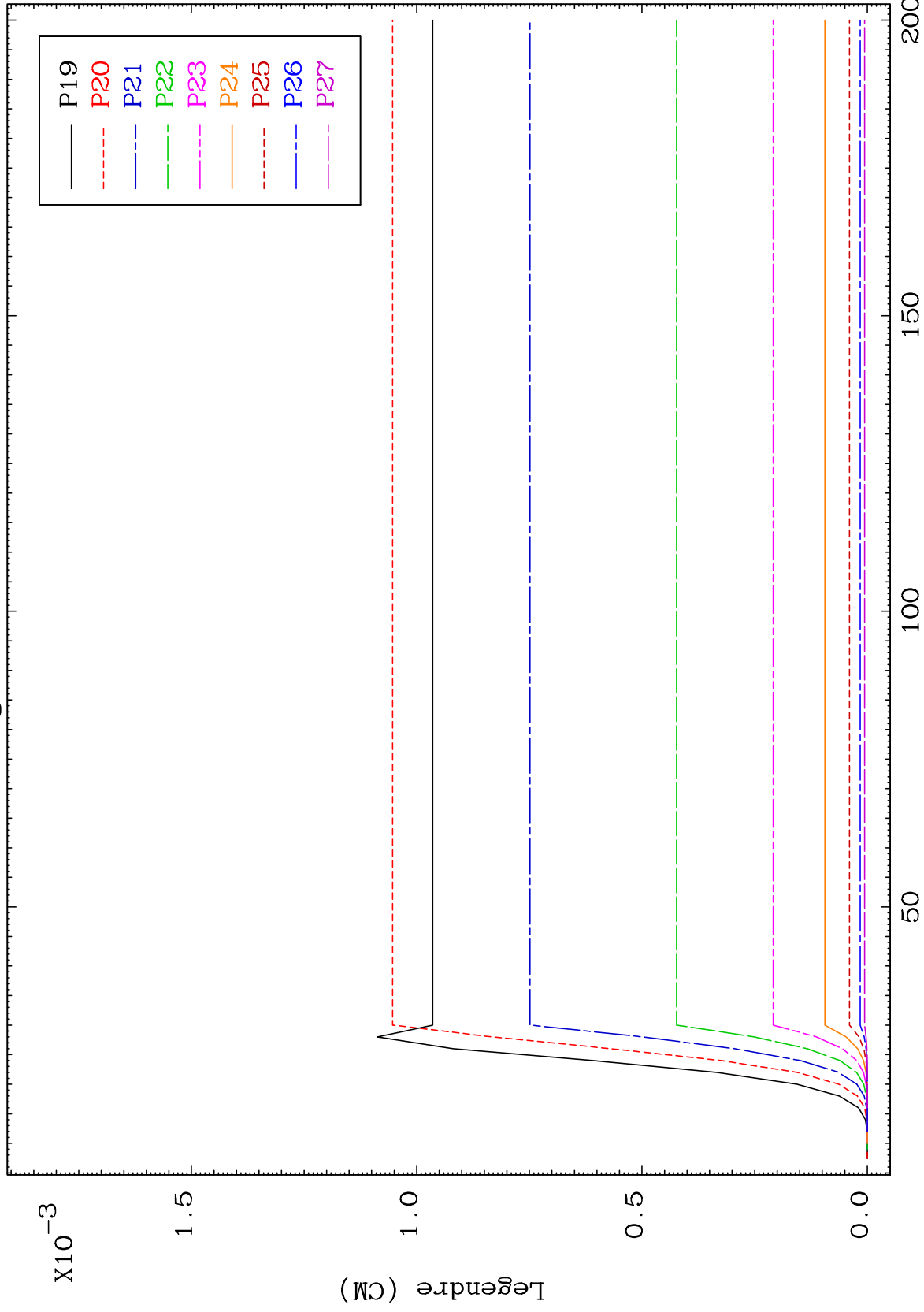
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MAT 5643

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

56-Ba-136



32

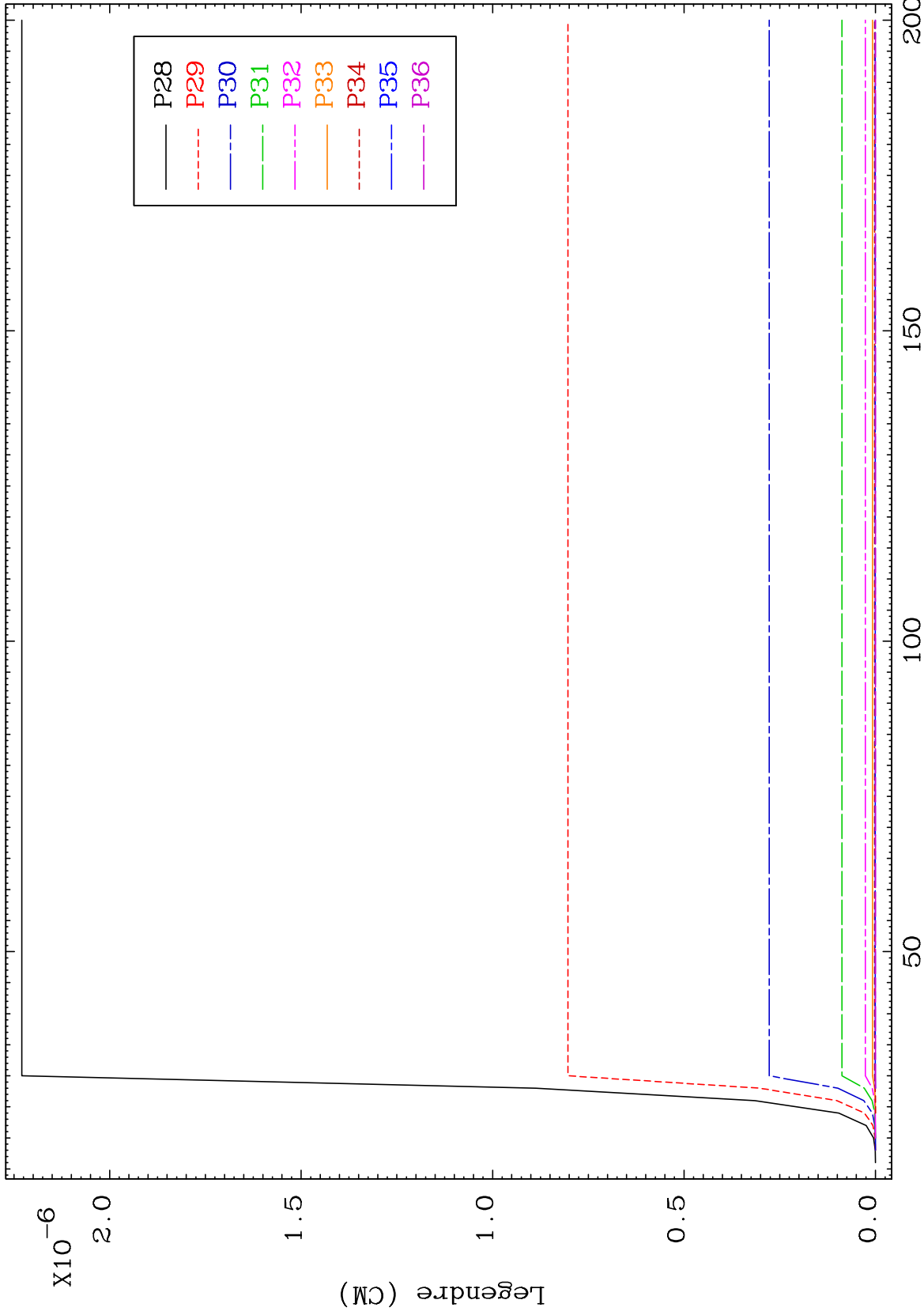
Incident Energy (MeV)

56-Ba-136

MAT 5643

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

56-Ba-136



33

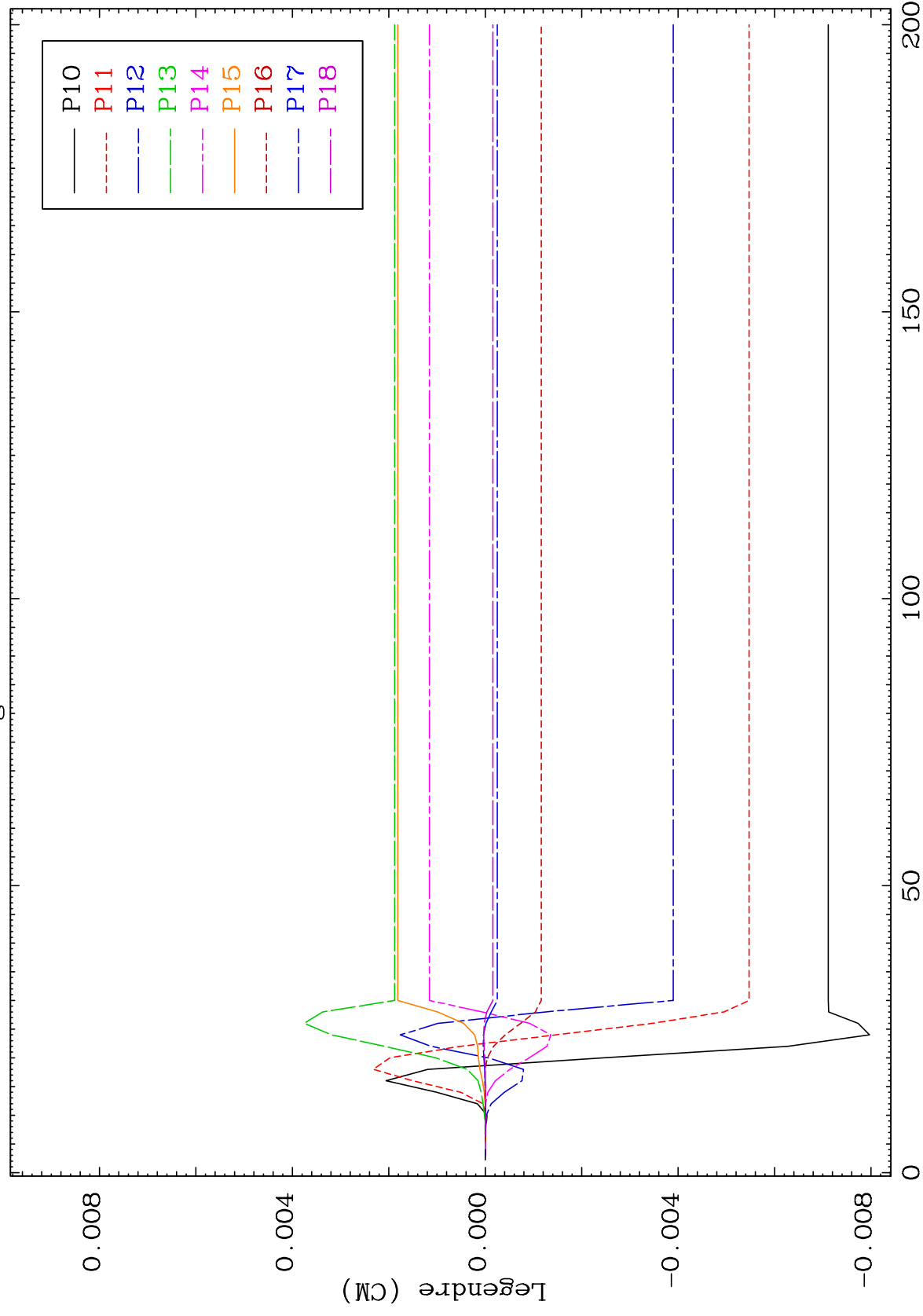
Incident Energy (MeV)

56-Ba-136

MAT 5643

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

56-Ba-136



35

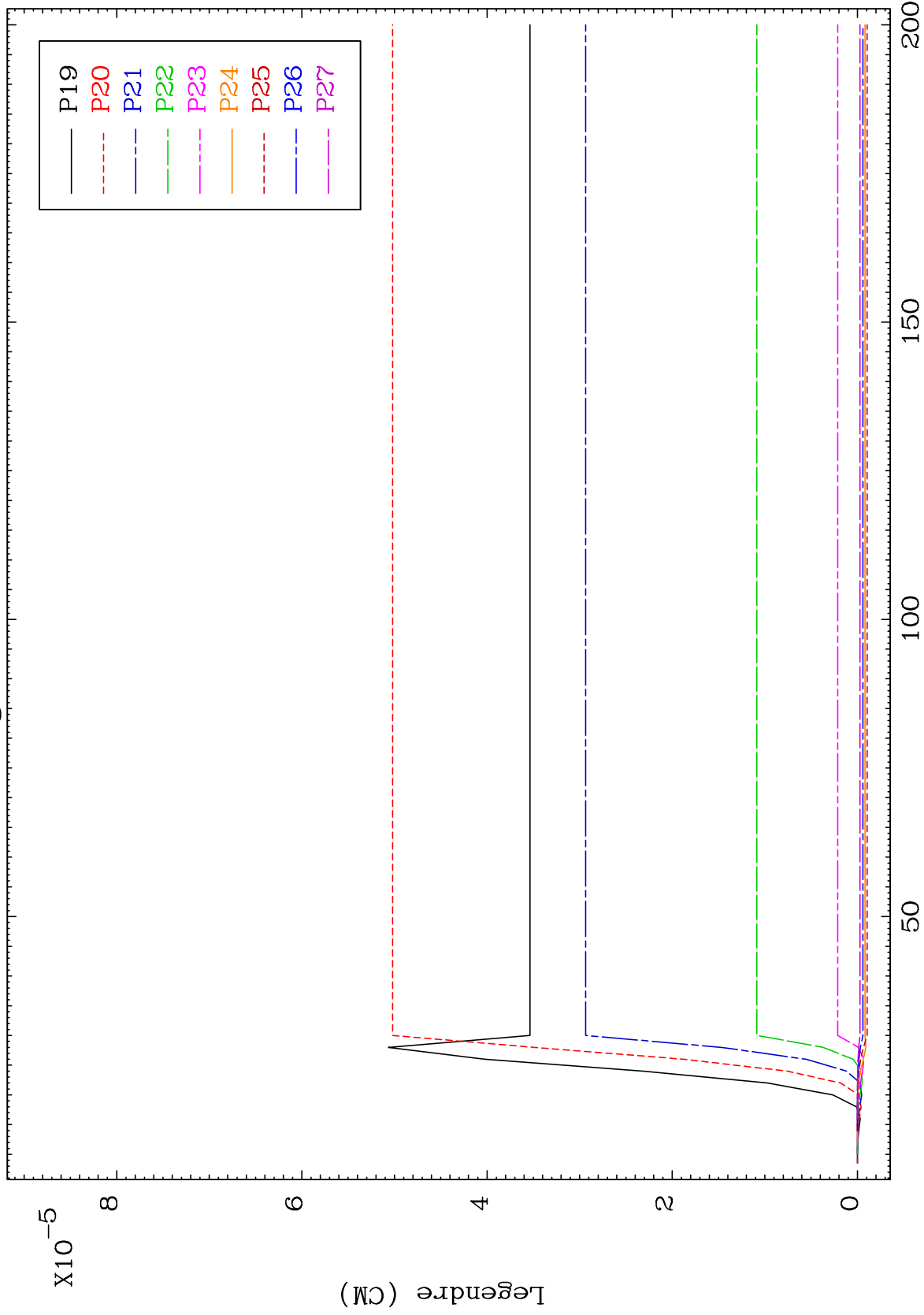
Incident Energy (MeV)

56-Ba-136

MAT 5643

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

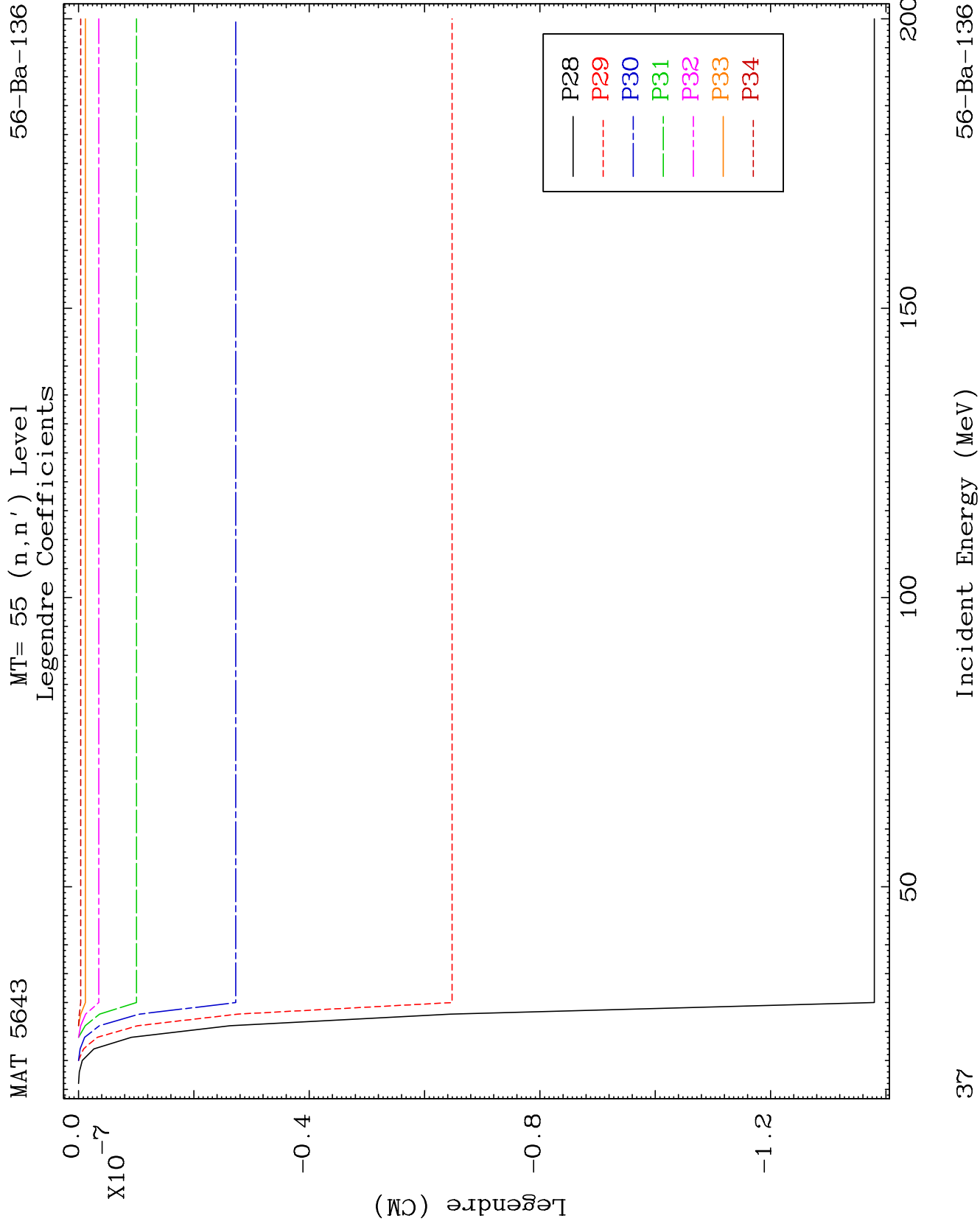
56-Ba-136



36

Incident Energy (MeV)

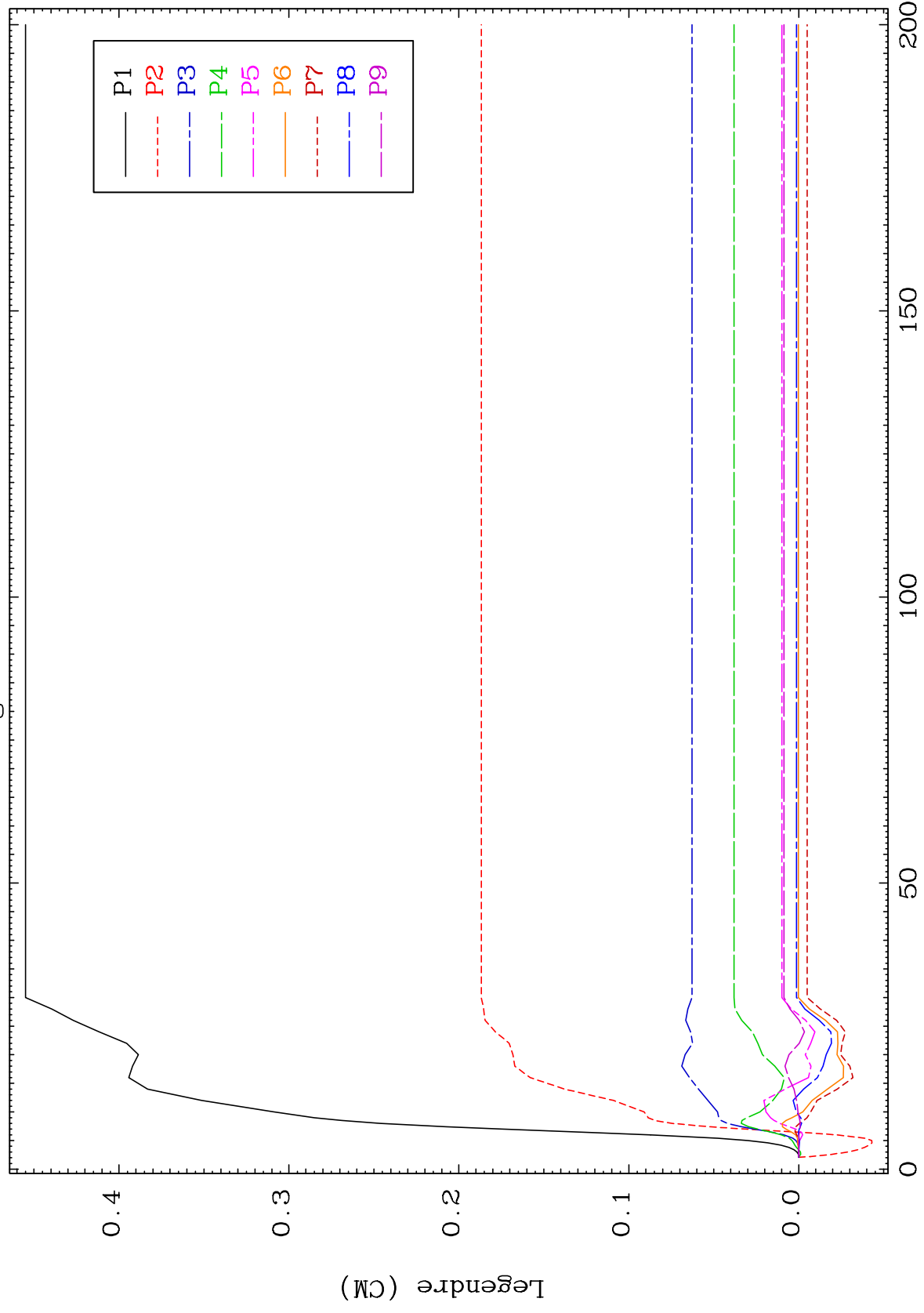
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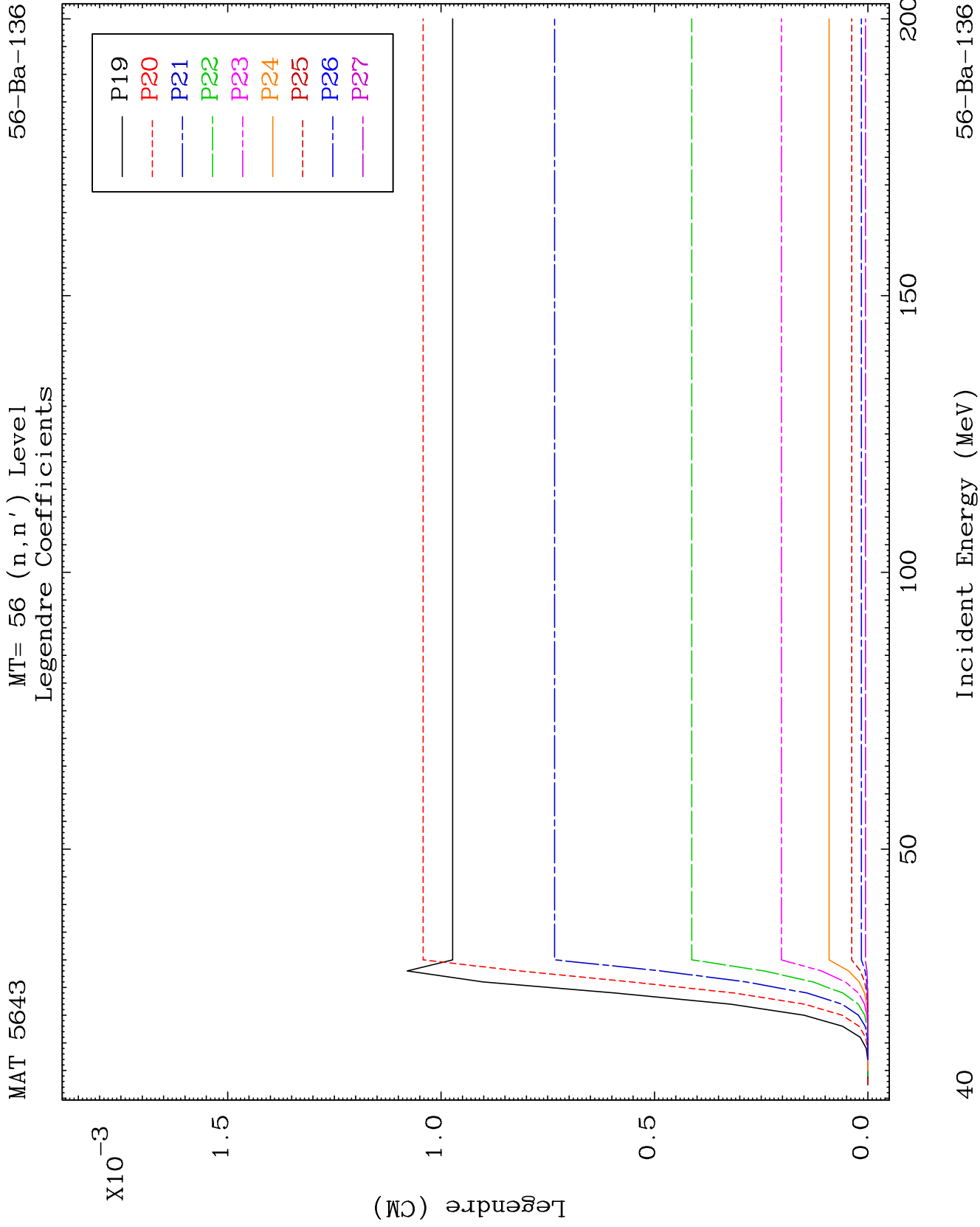


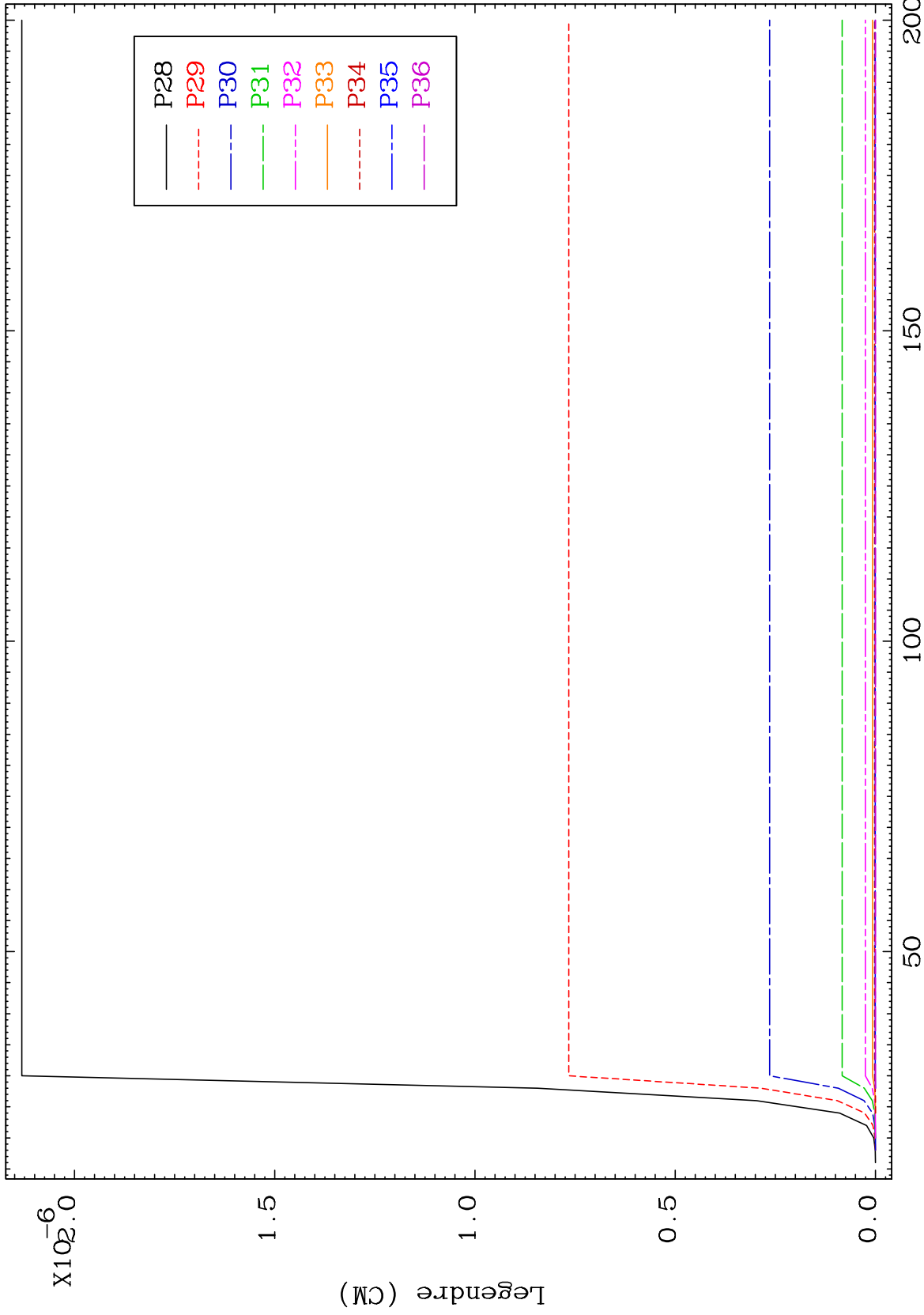
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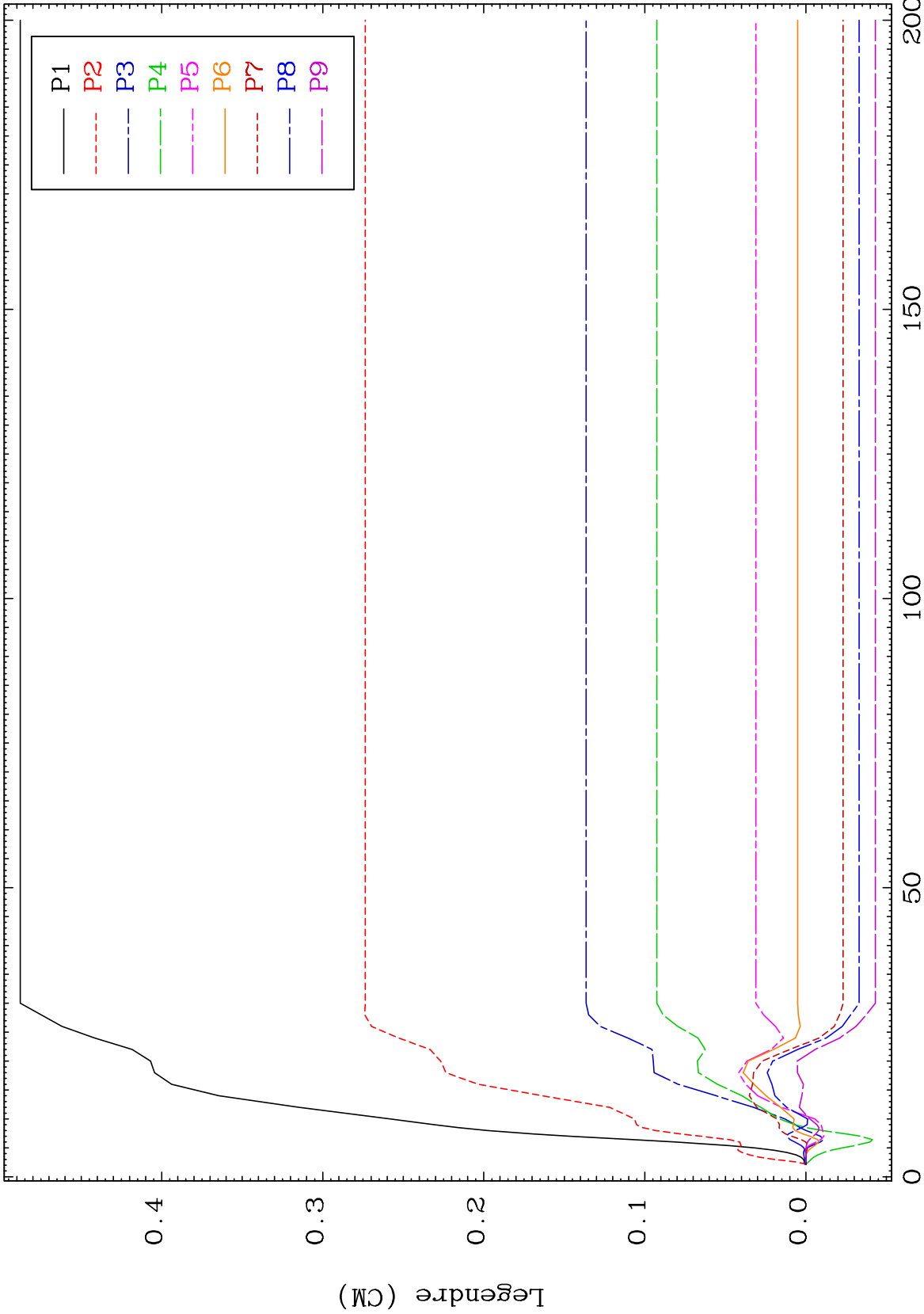
MT= 56 (n, n') Level
Legendre Coefficients

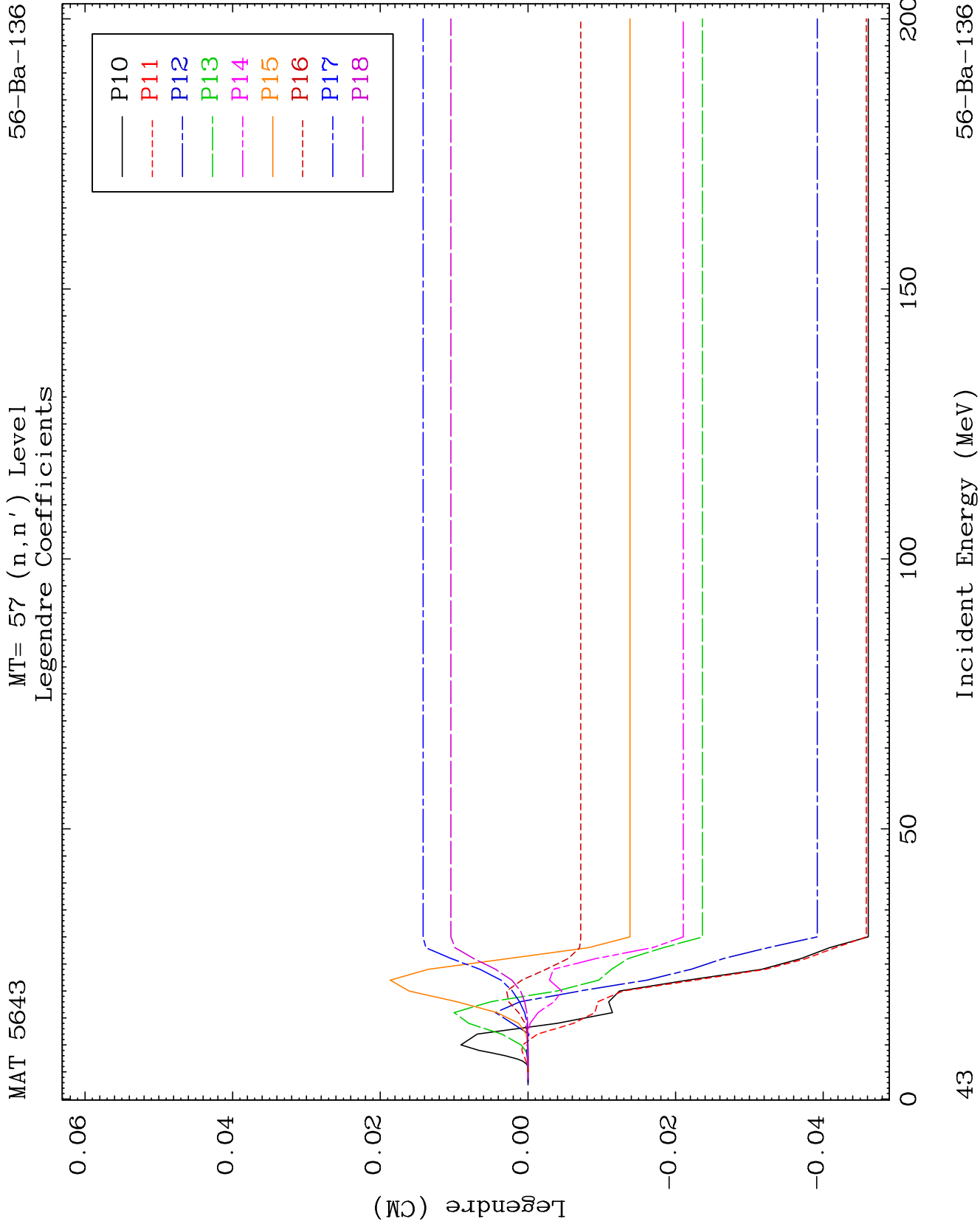
56-Ba-136







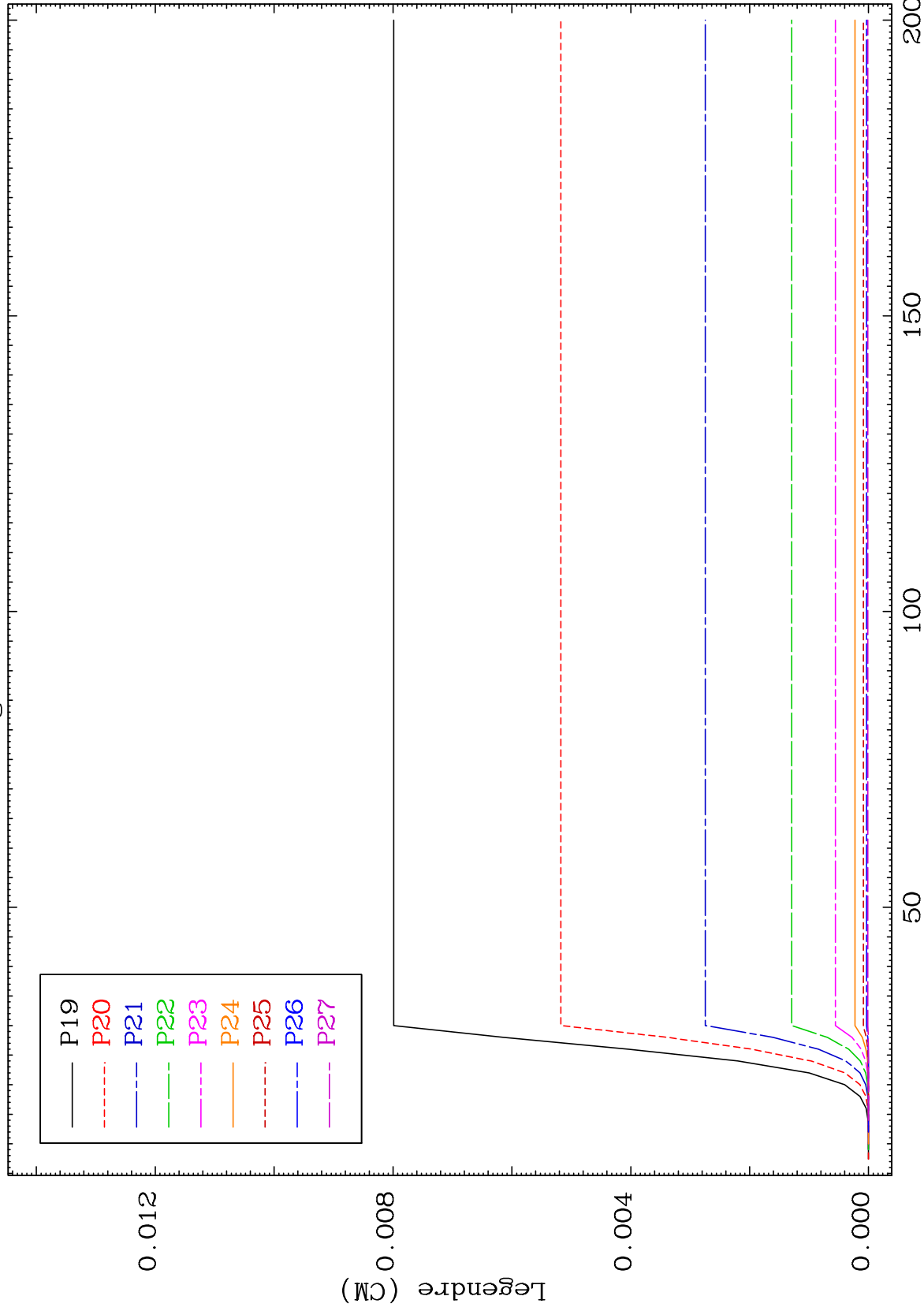




MAT 5643

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

56-Ba-136



44

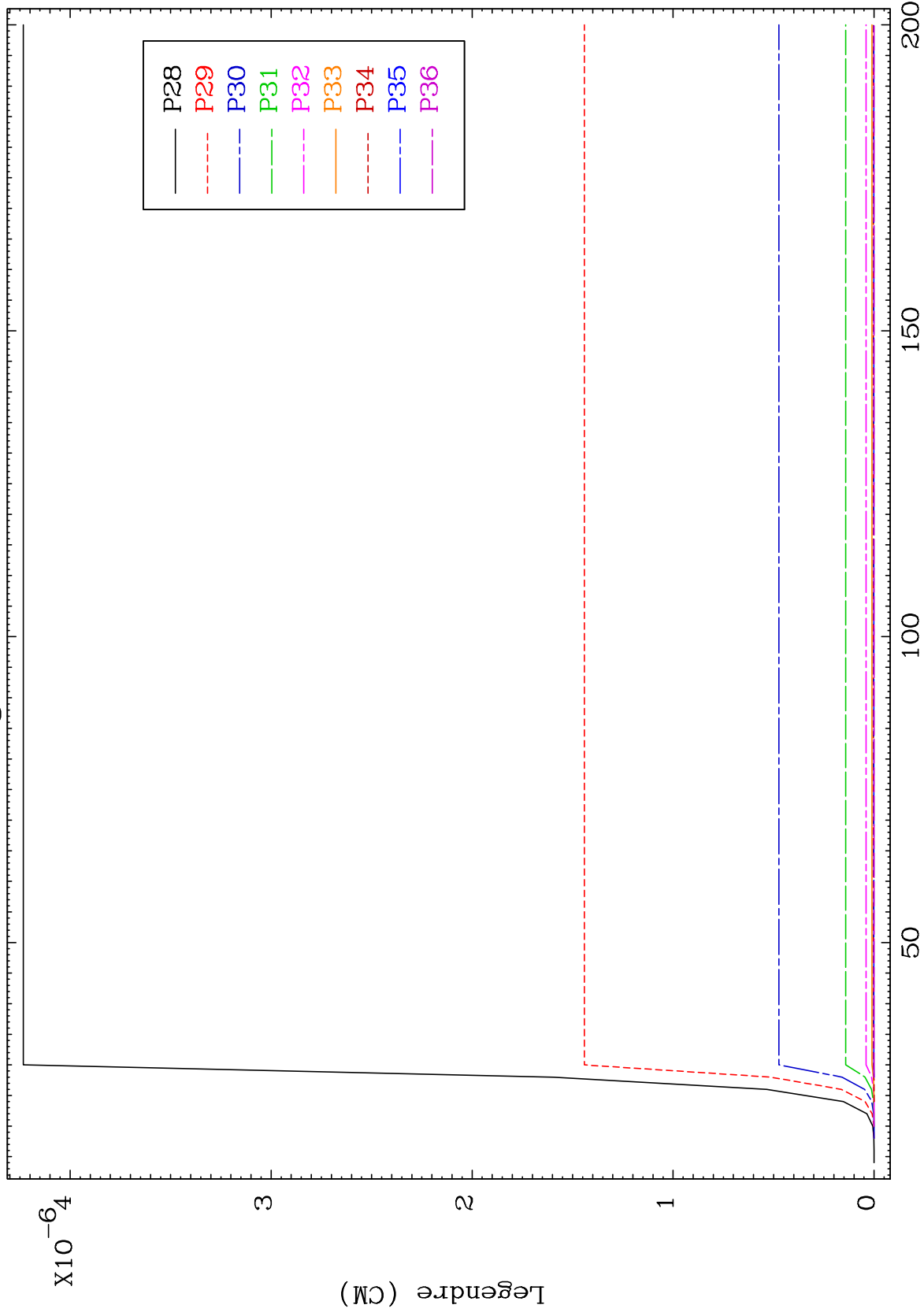
Incident Energy (MeV)

56-Ba-136

MAT 5643

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

56-Ba-136

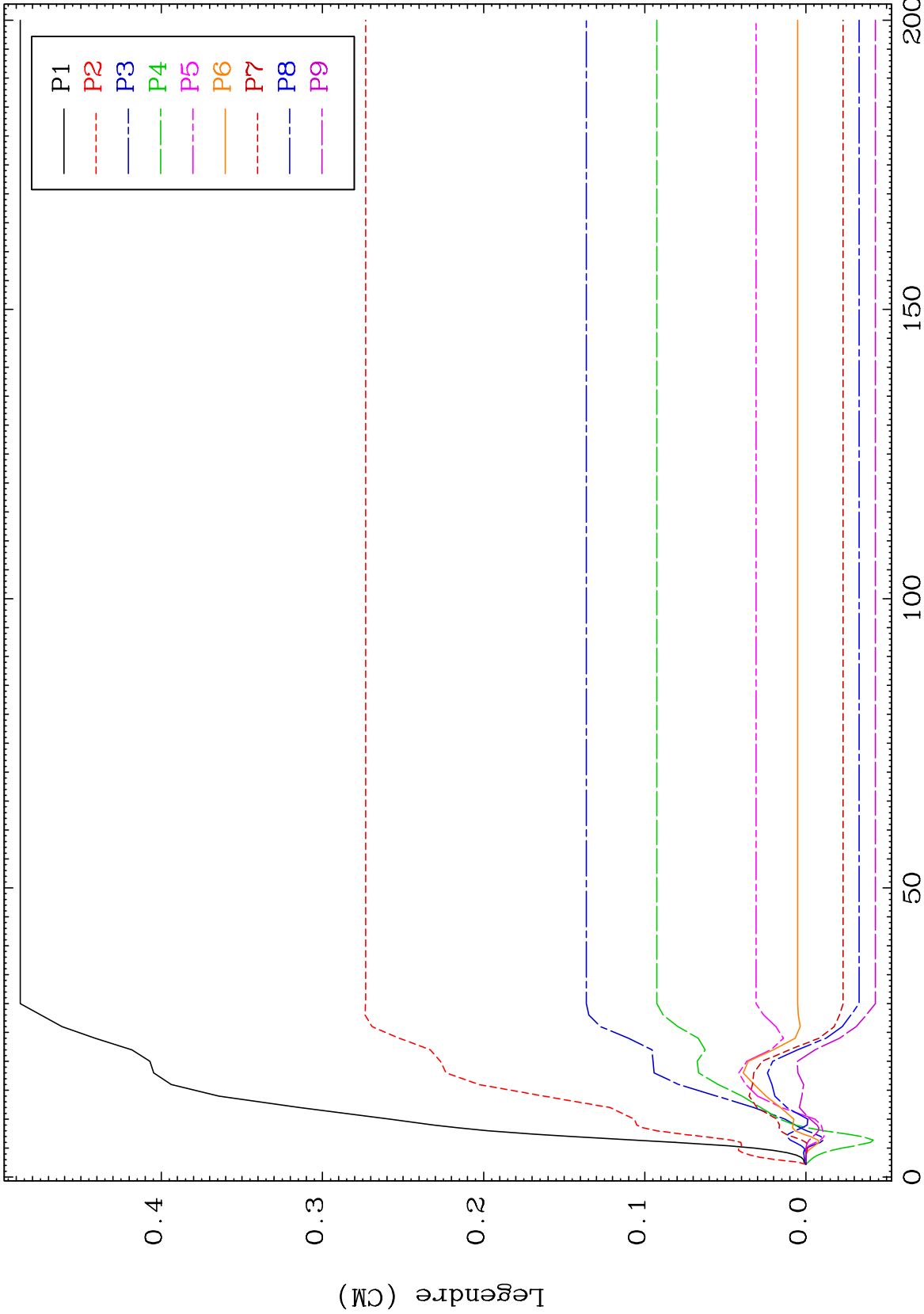


45

Incident Energy (MeV)

56-Ba-136

MAT 5643 MT= 58 (n,n') Level Legendre Coefficients 56-Ba-136

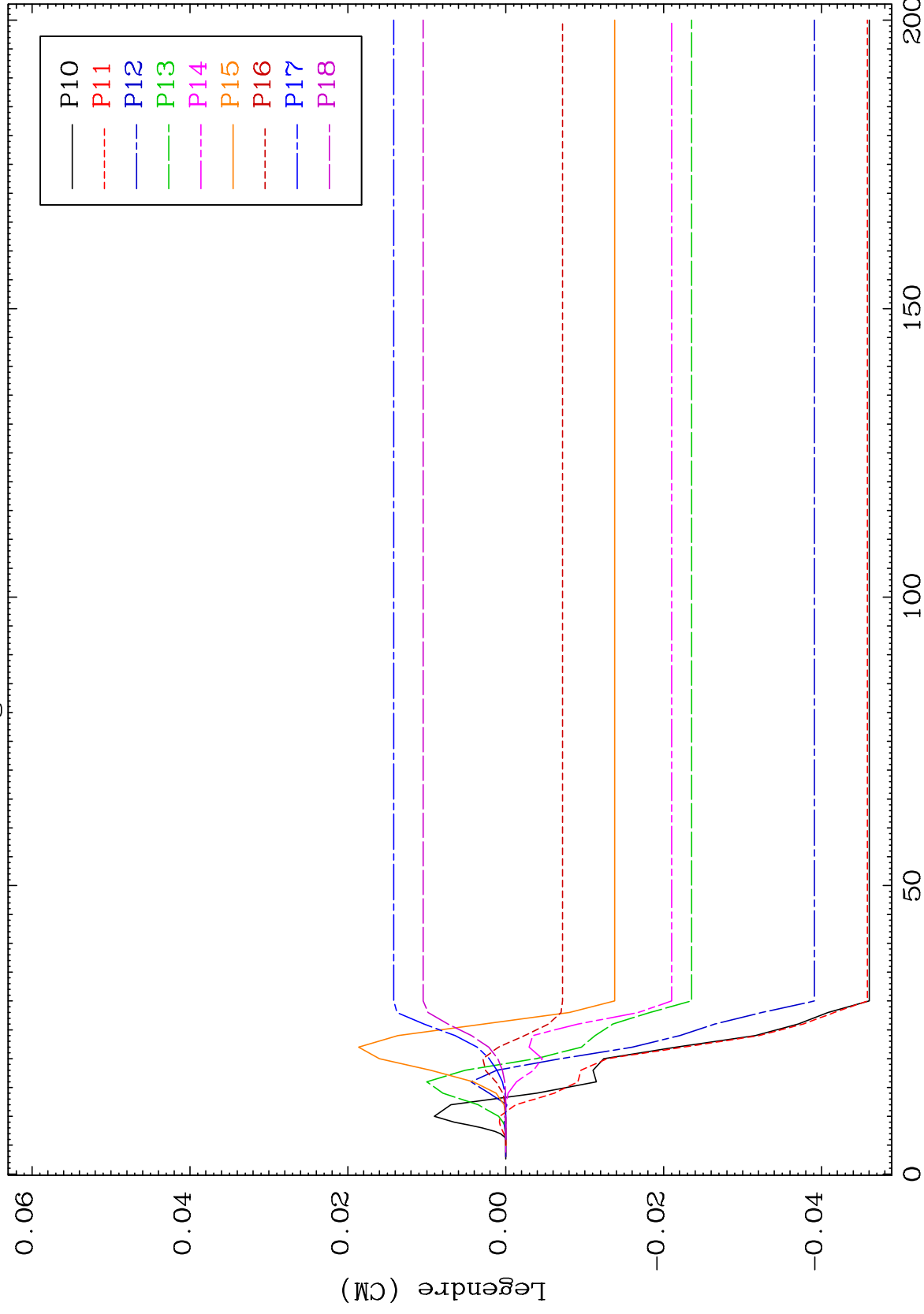


46 56-Ba-136

MAT 5643

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

56-Ba-136



27

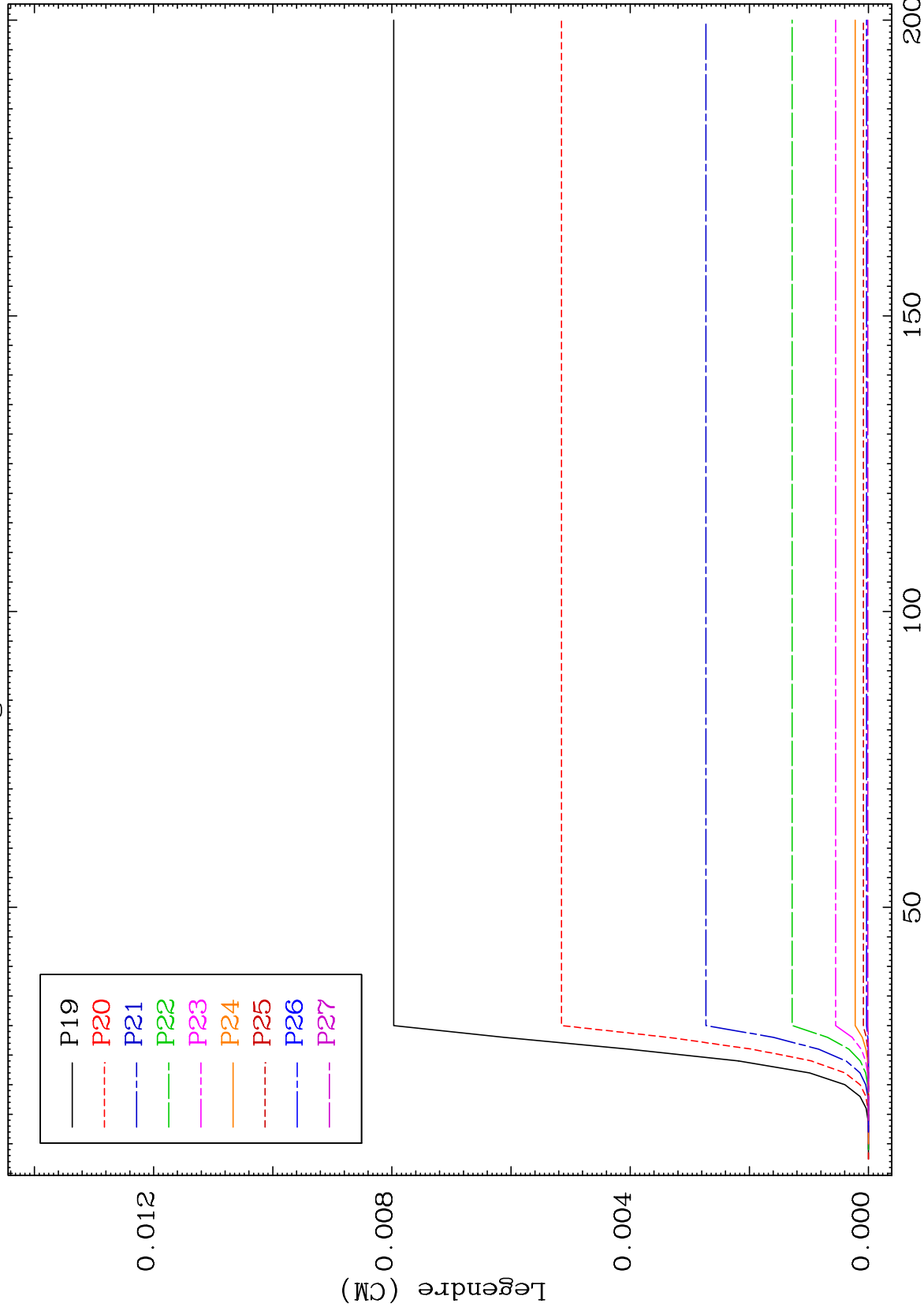
Incident Energy (MeV)

56-Ba-136

MAT 5643

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

56-Ba-136



48

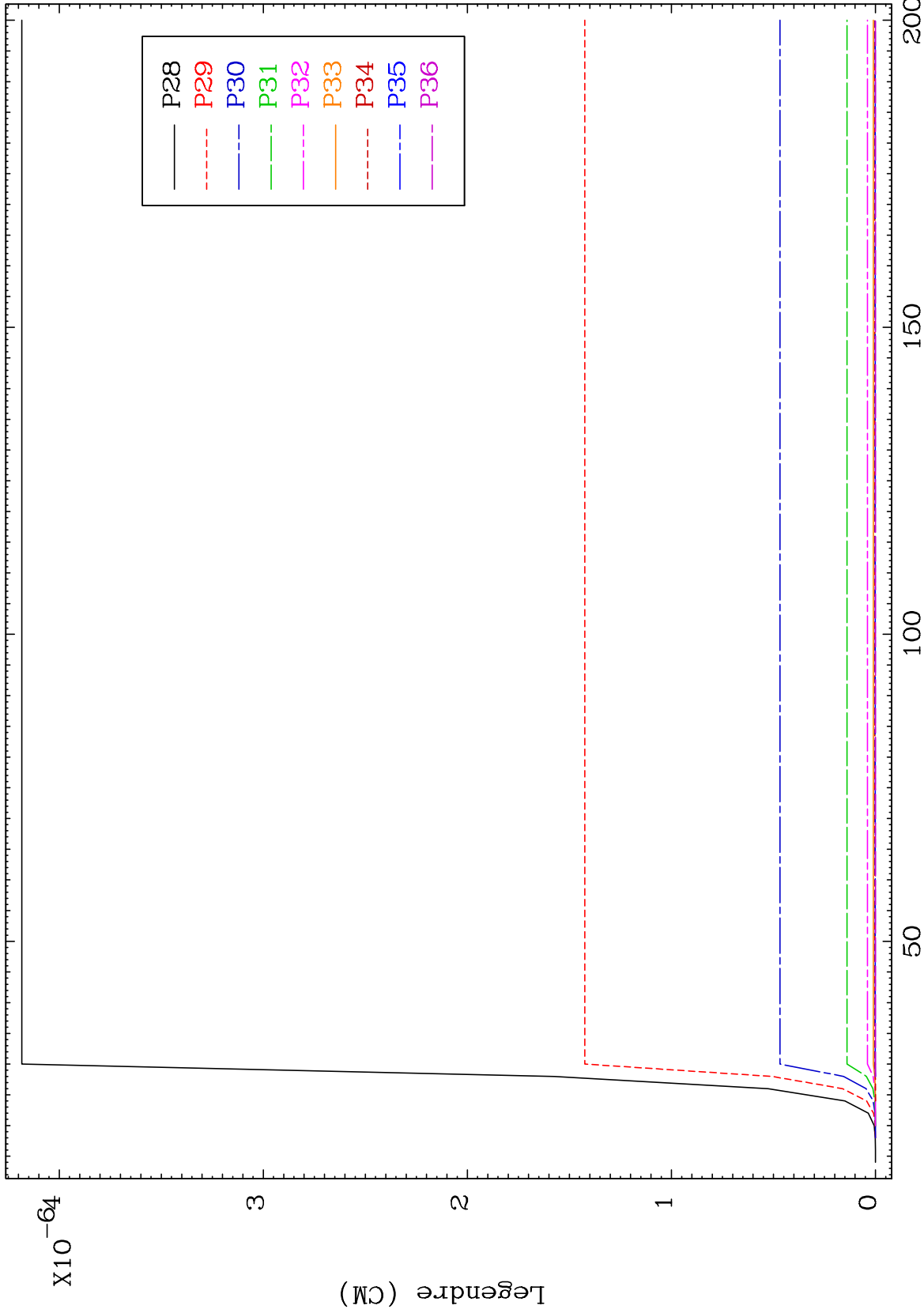
Incident Energy (MeV)

56-Ba-136

MAT 5643

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

56-Ba-136



49

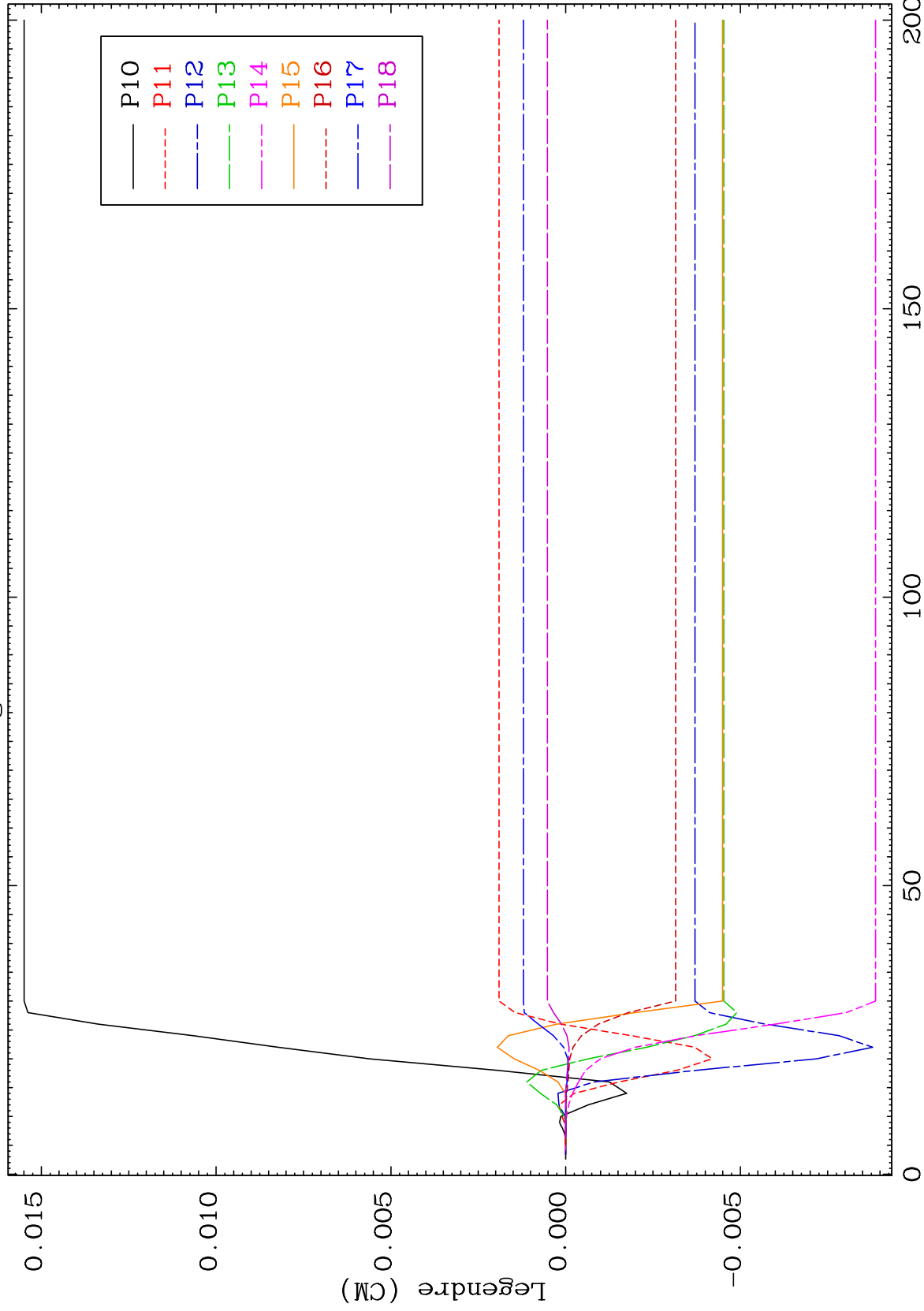
Incident Energy (MeV)

56-Ba-136

MAT 5643

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

56-Ba-136



51

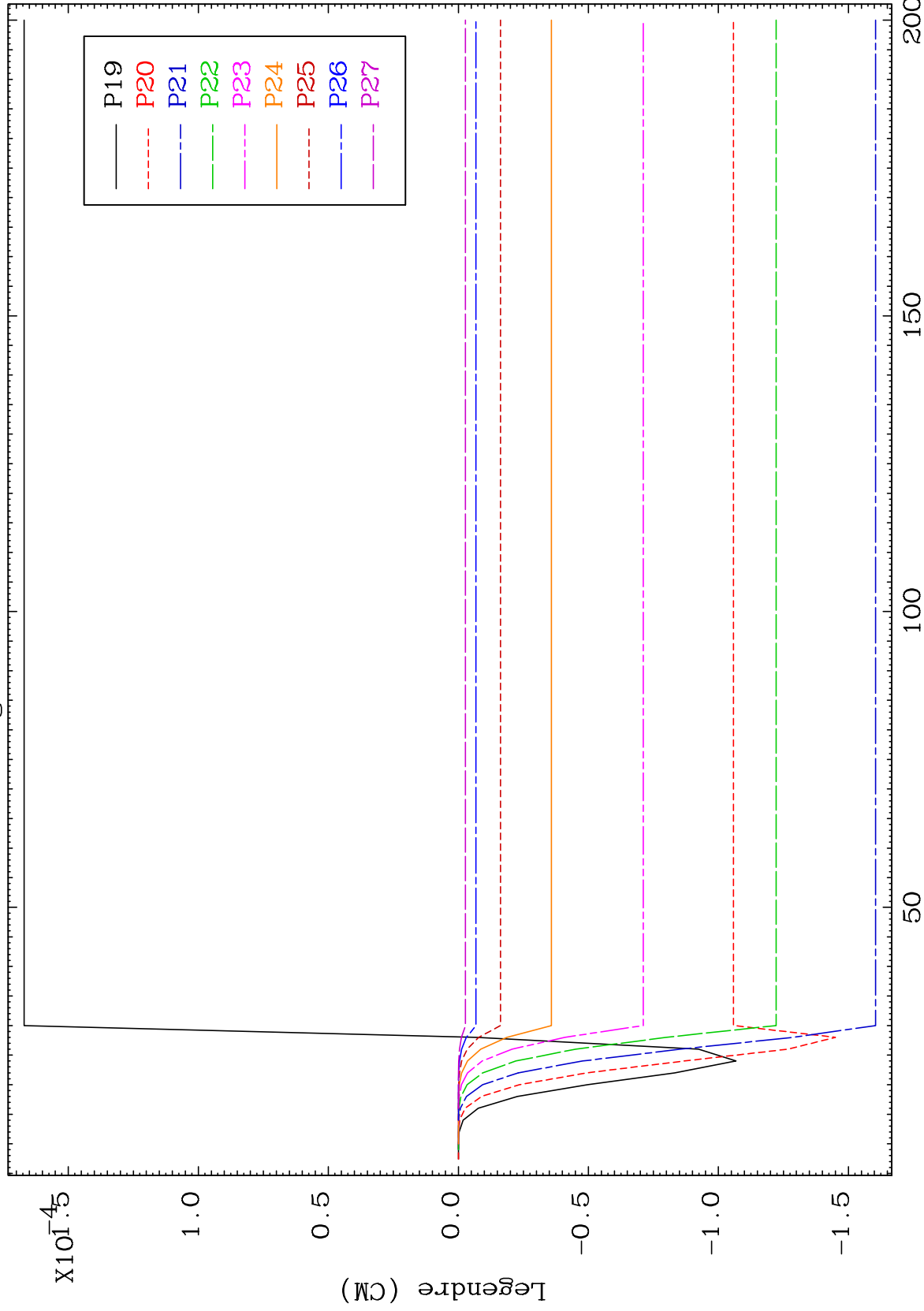
Incident Energy (MeV)

56-Ba-136

MAT 5643

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

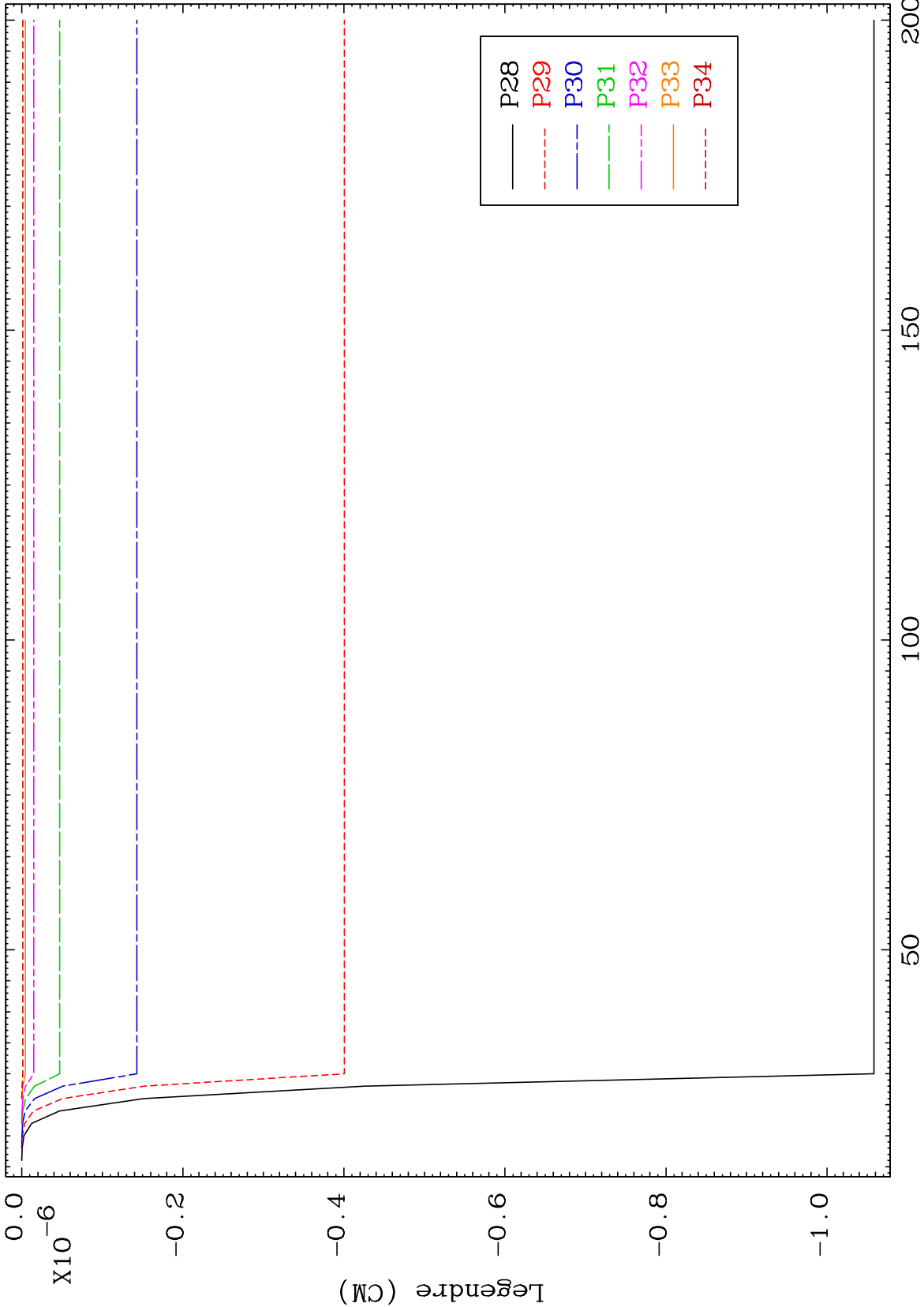
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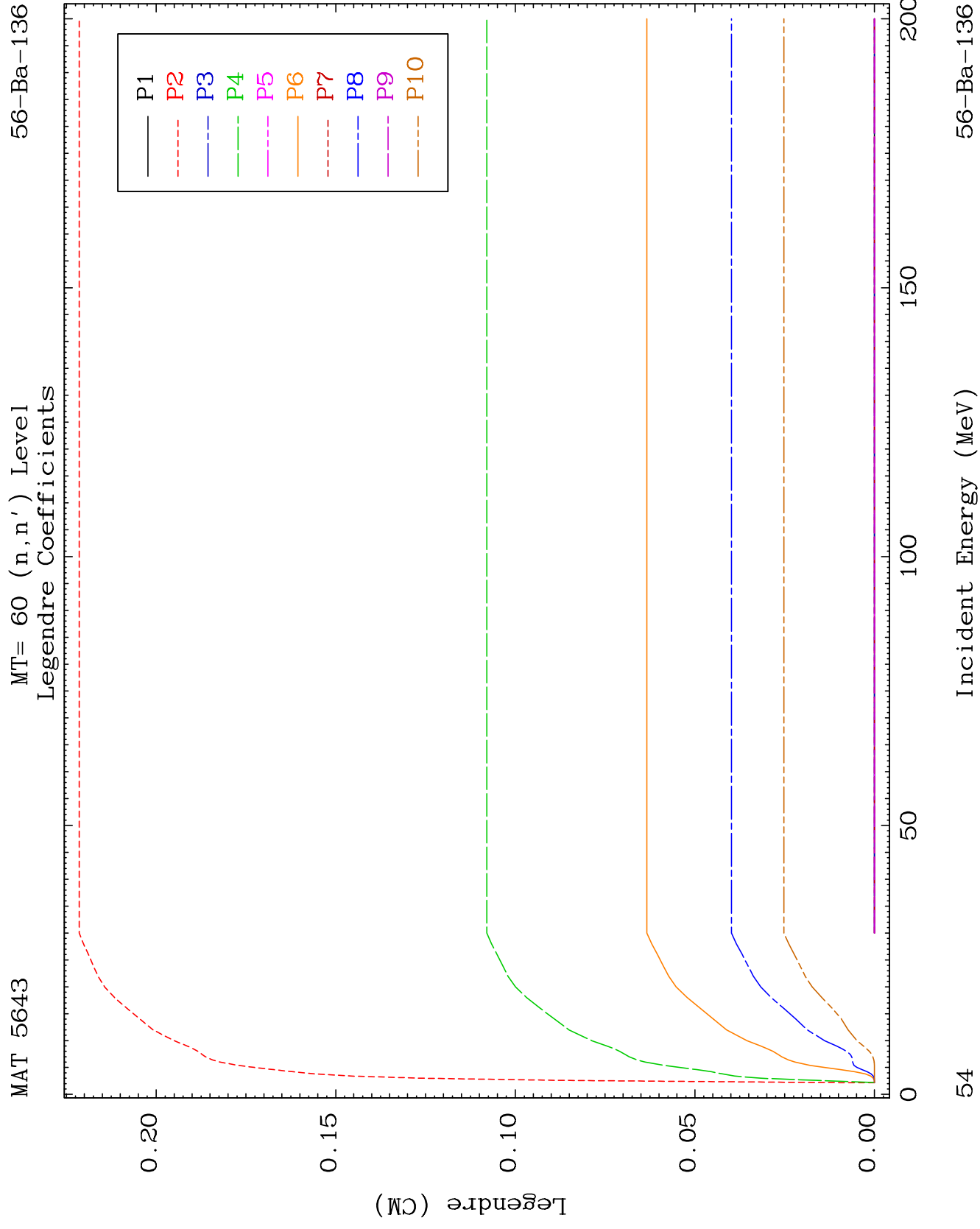


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Incident Energy (MeV)

56-Ba-136

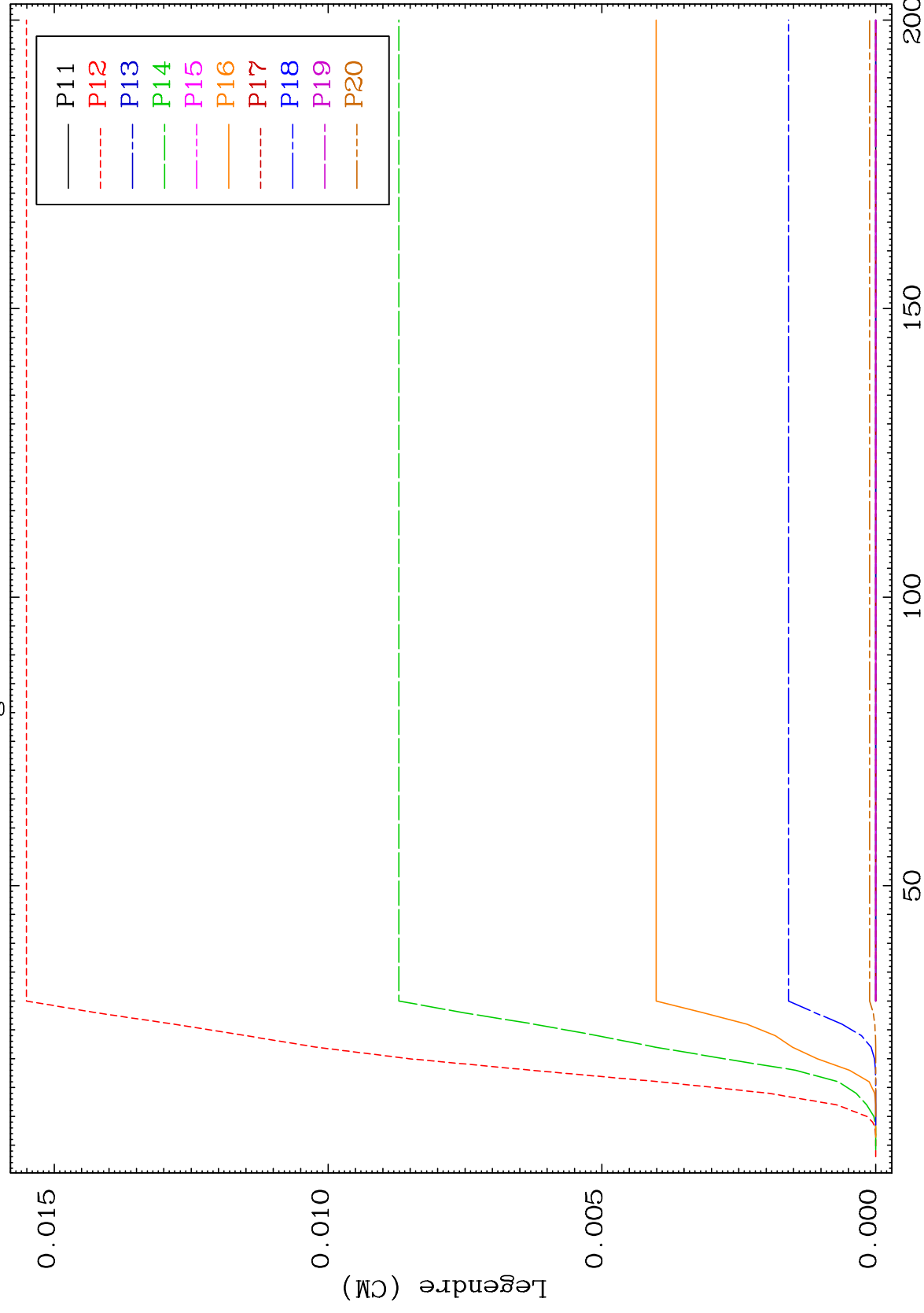




MAT 5643

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

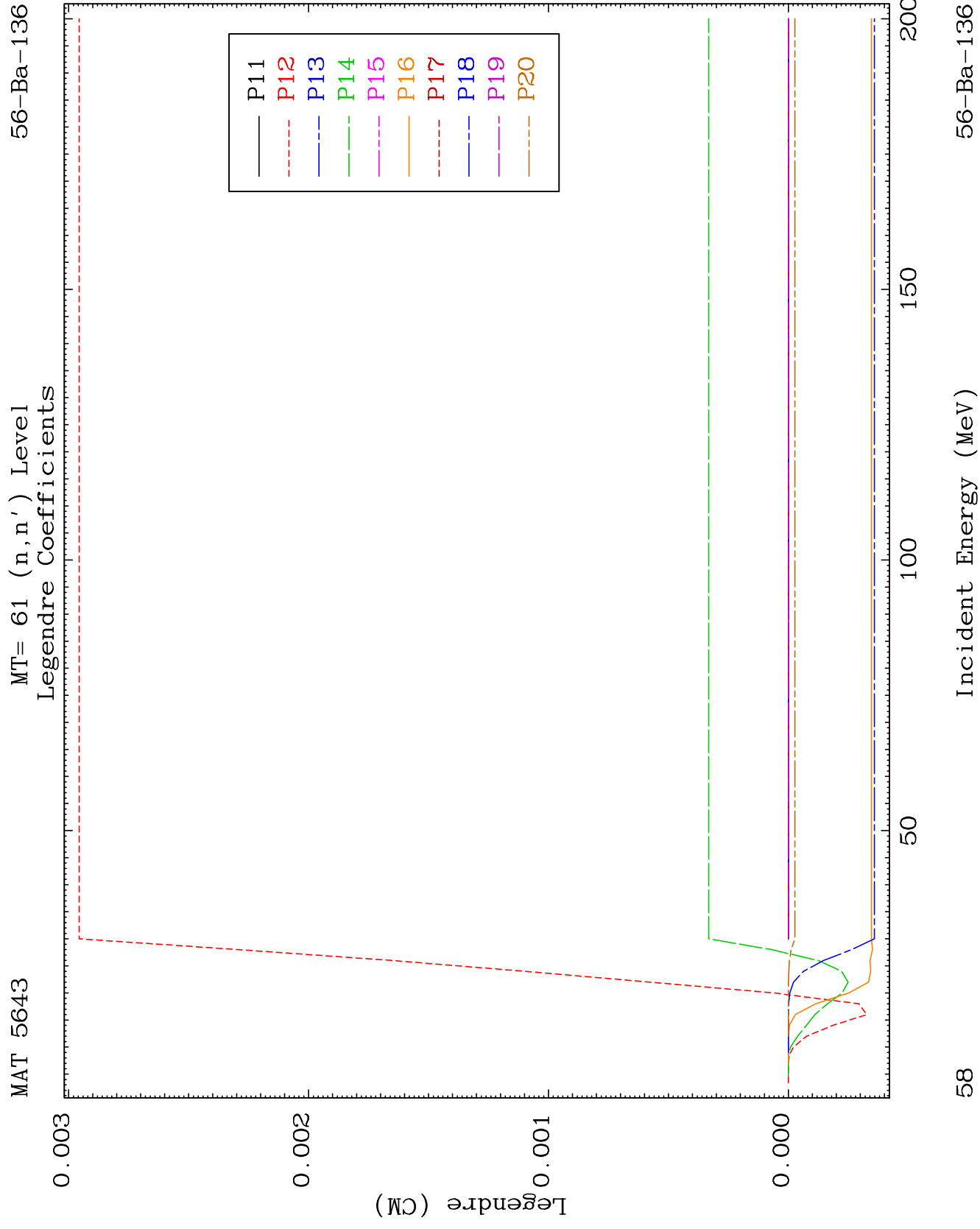
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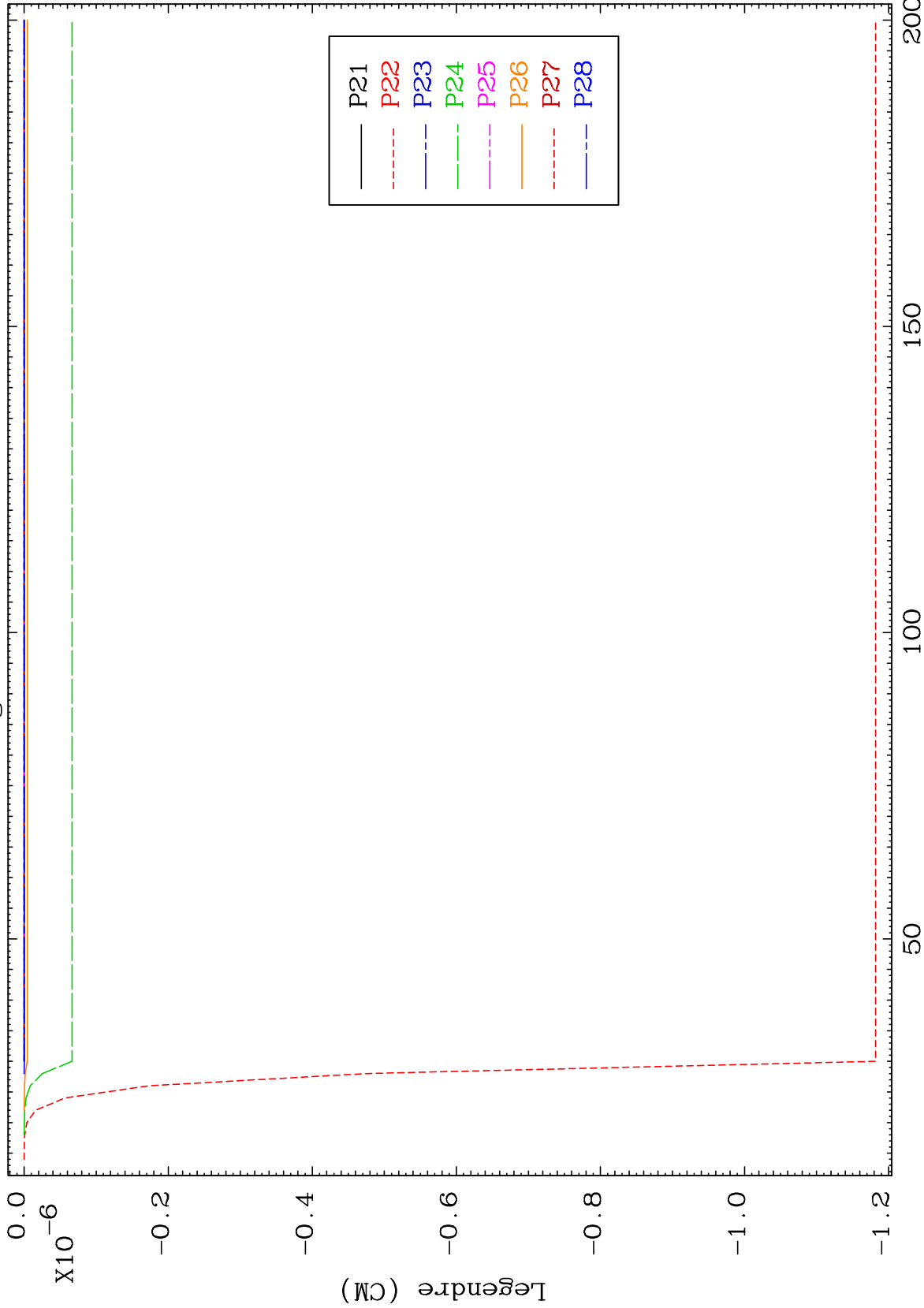


55

Incident Energy (MeV)

56-Ba-136

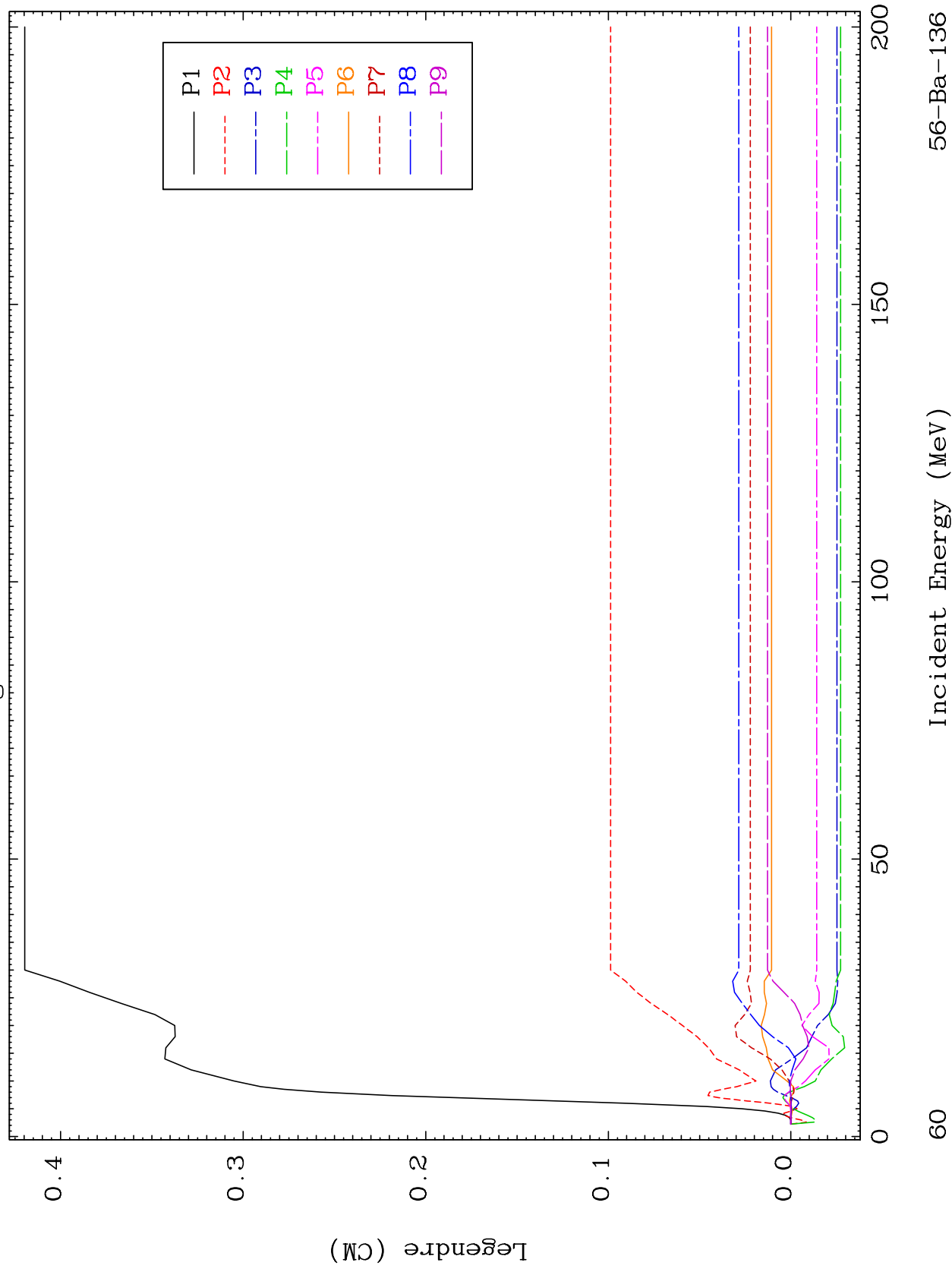




MAT 5643

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

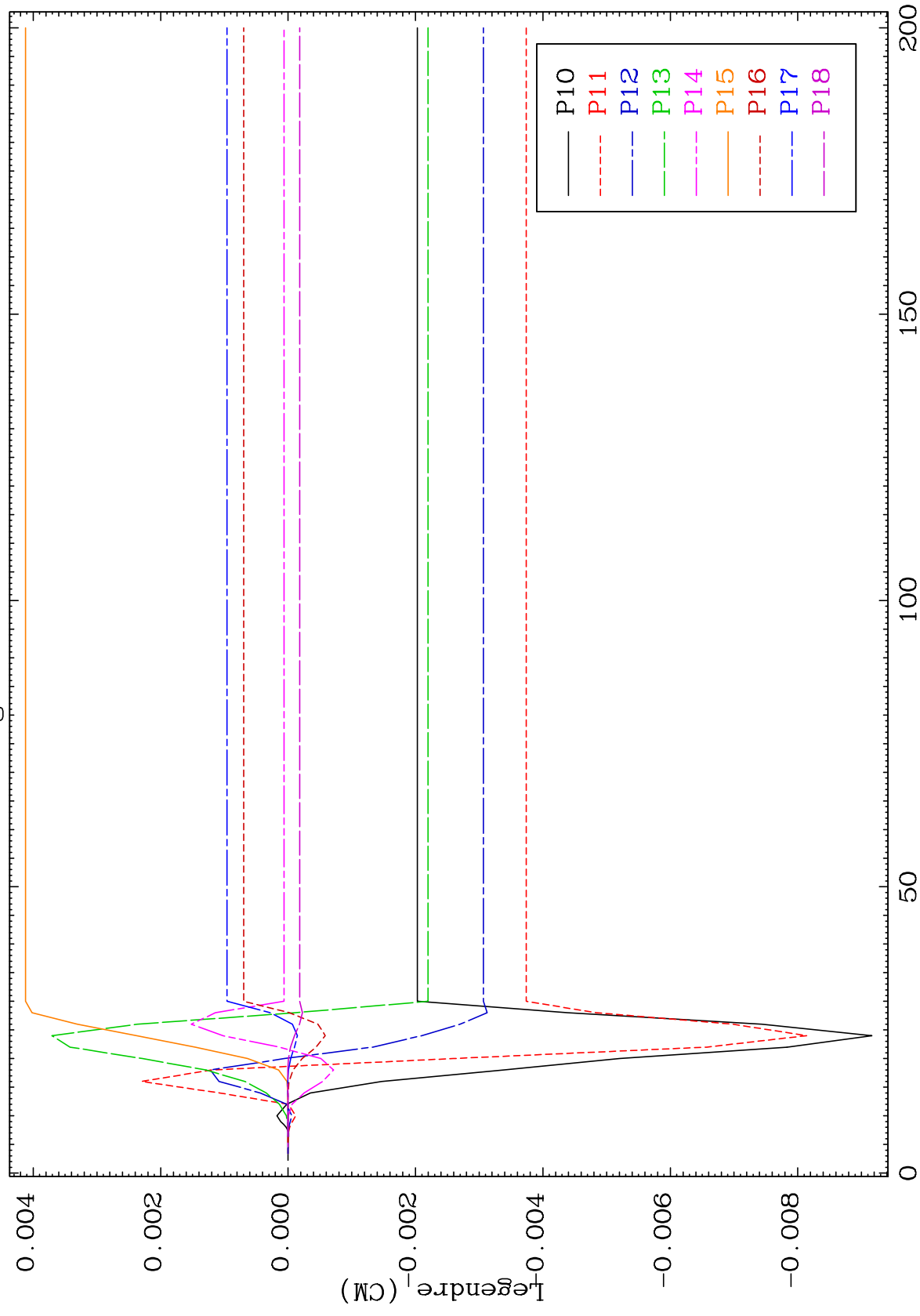
56-Ba-136



MAT 5643

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

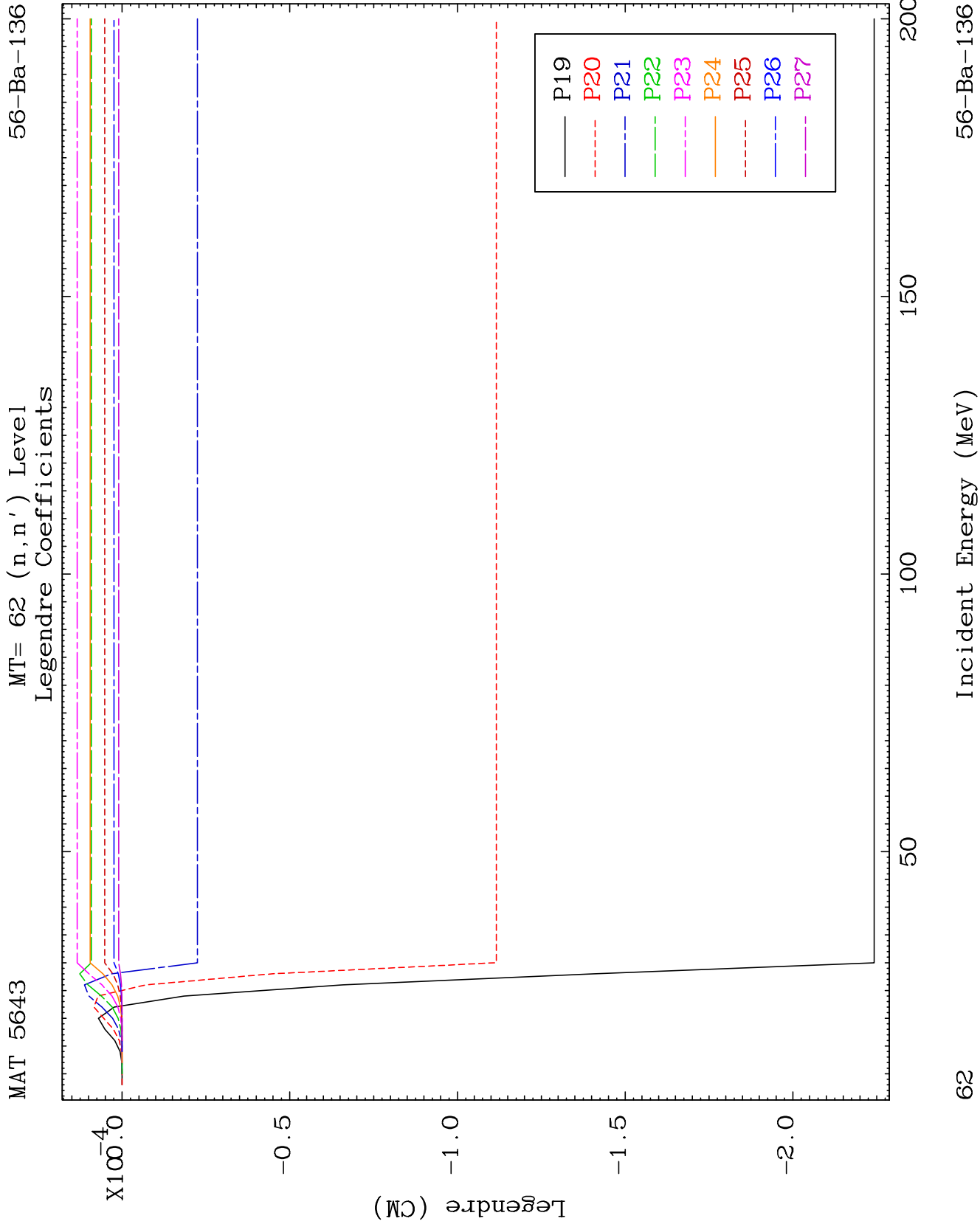
56-Ba-136



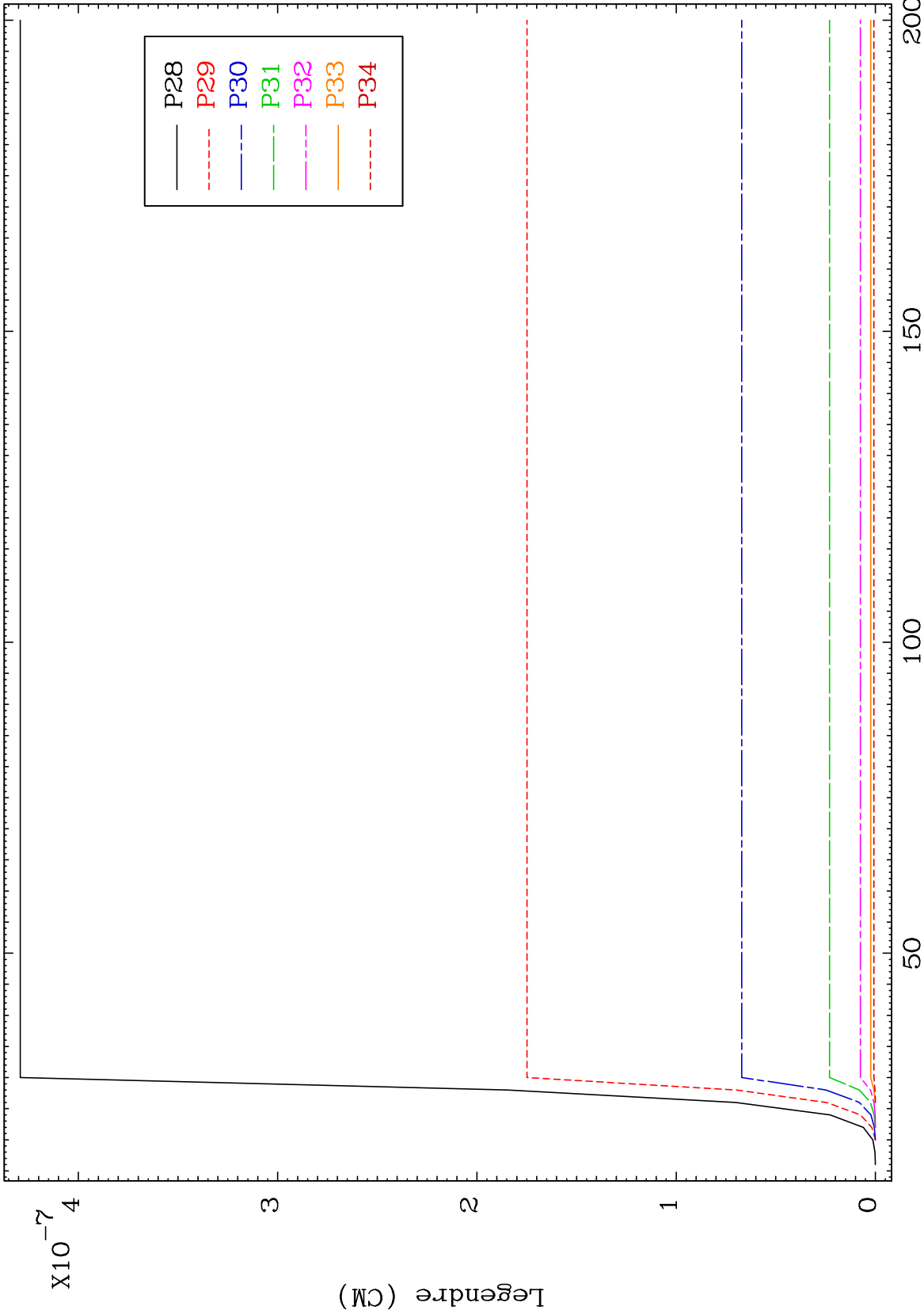
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Incident Energy (MeV)

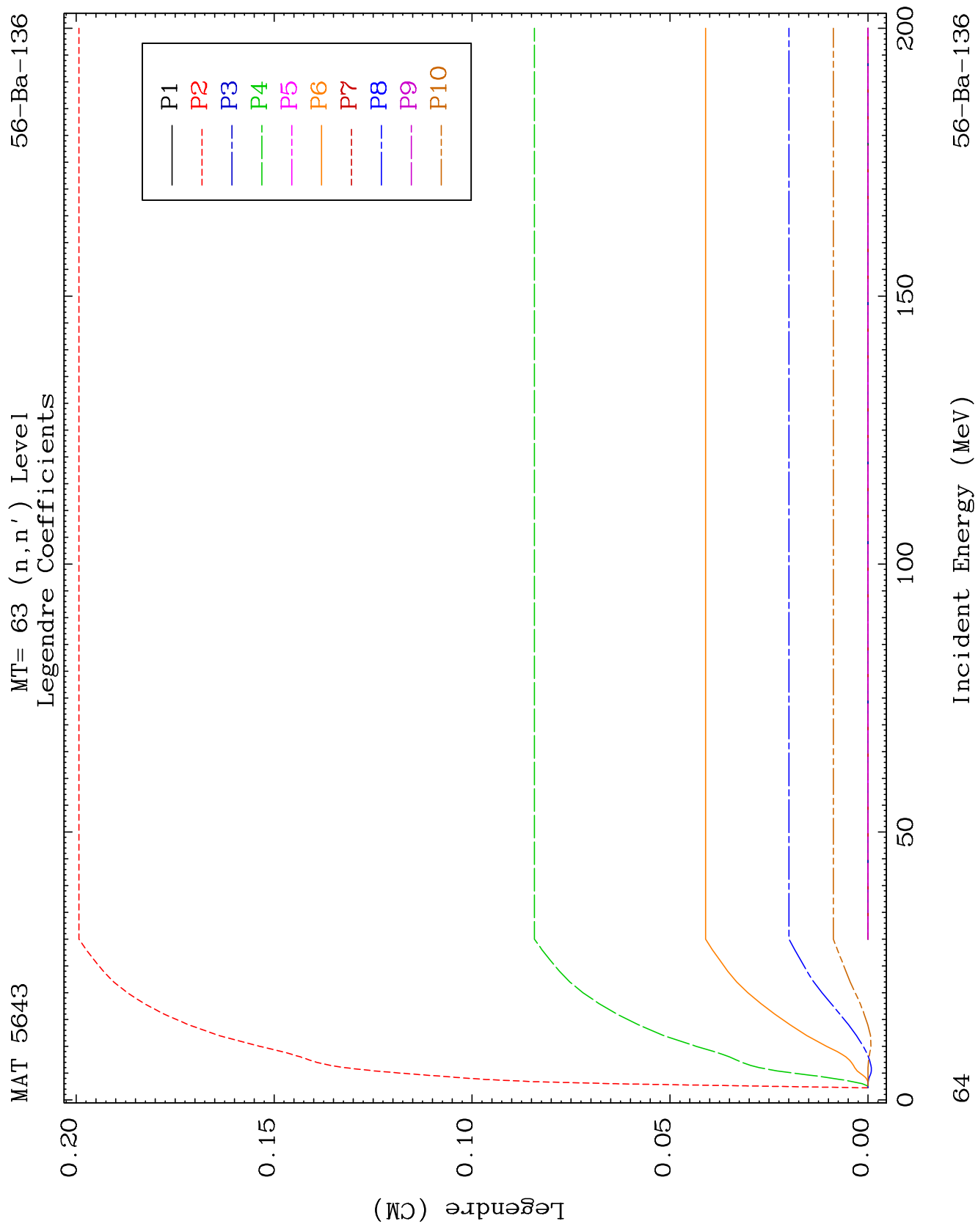
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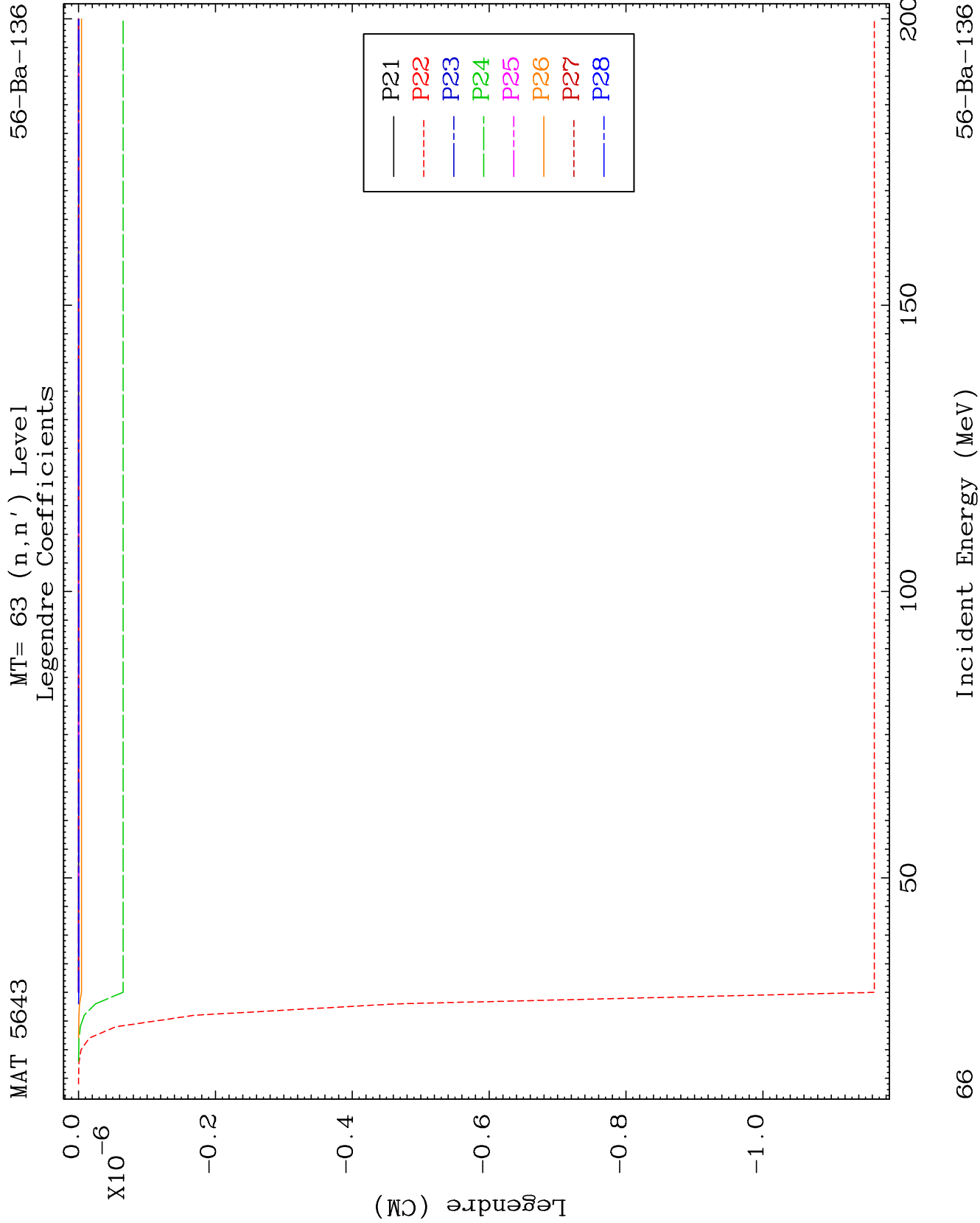


MAT 5643 MT= 62 (n,n') Level Legendre Coefficients 56-Ba-136



63 56-Ba-136

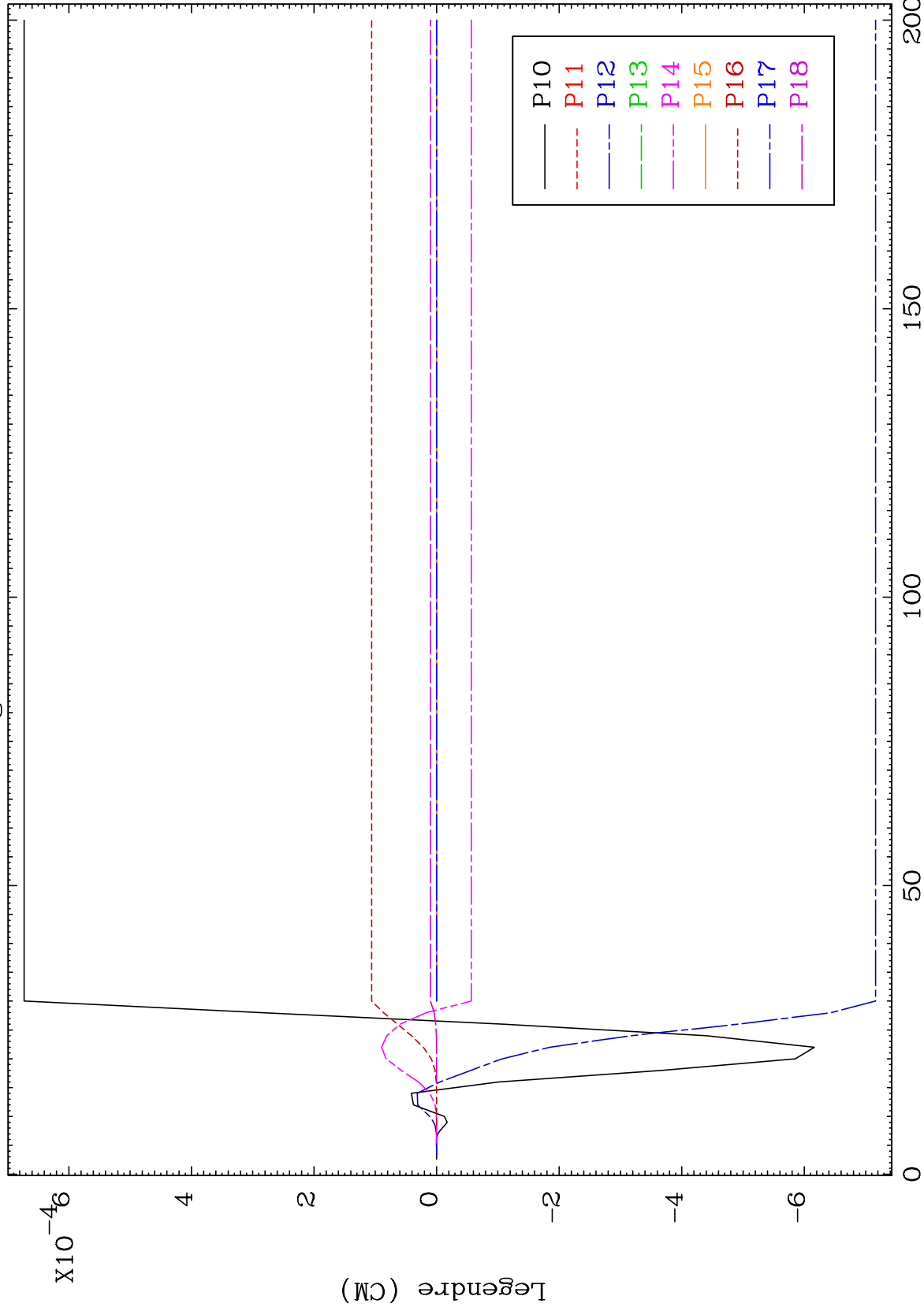




MAT 5643

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

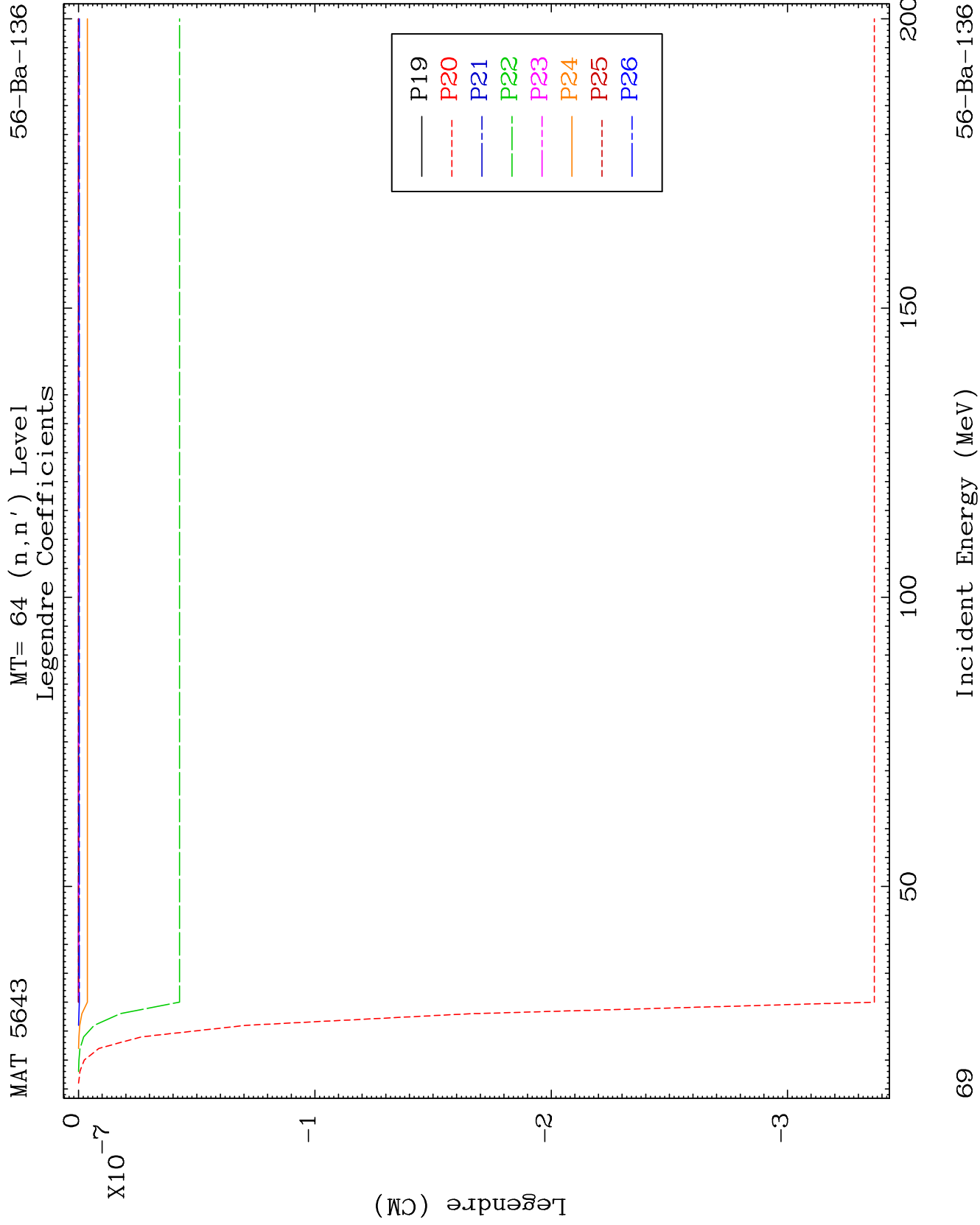
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68

Incident Energy (MeV)

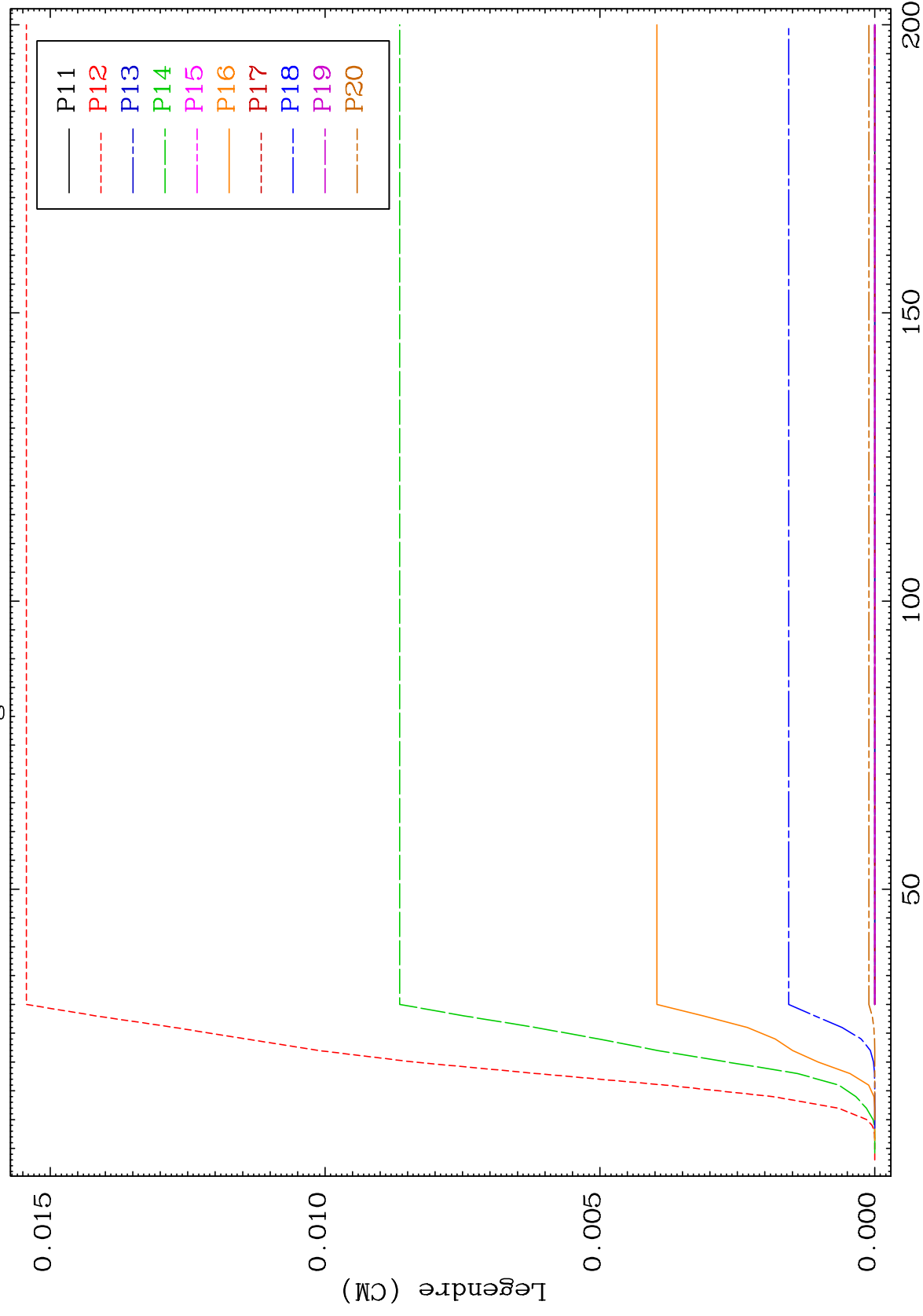
56-Ba-136



MAT 5643

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

56-Ba-136



12

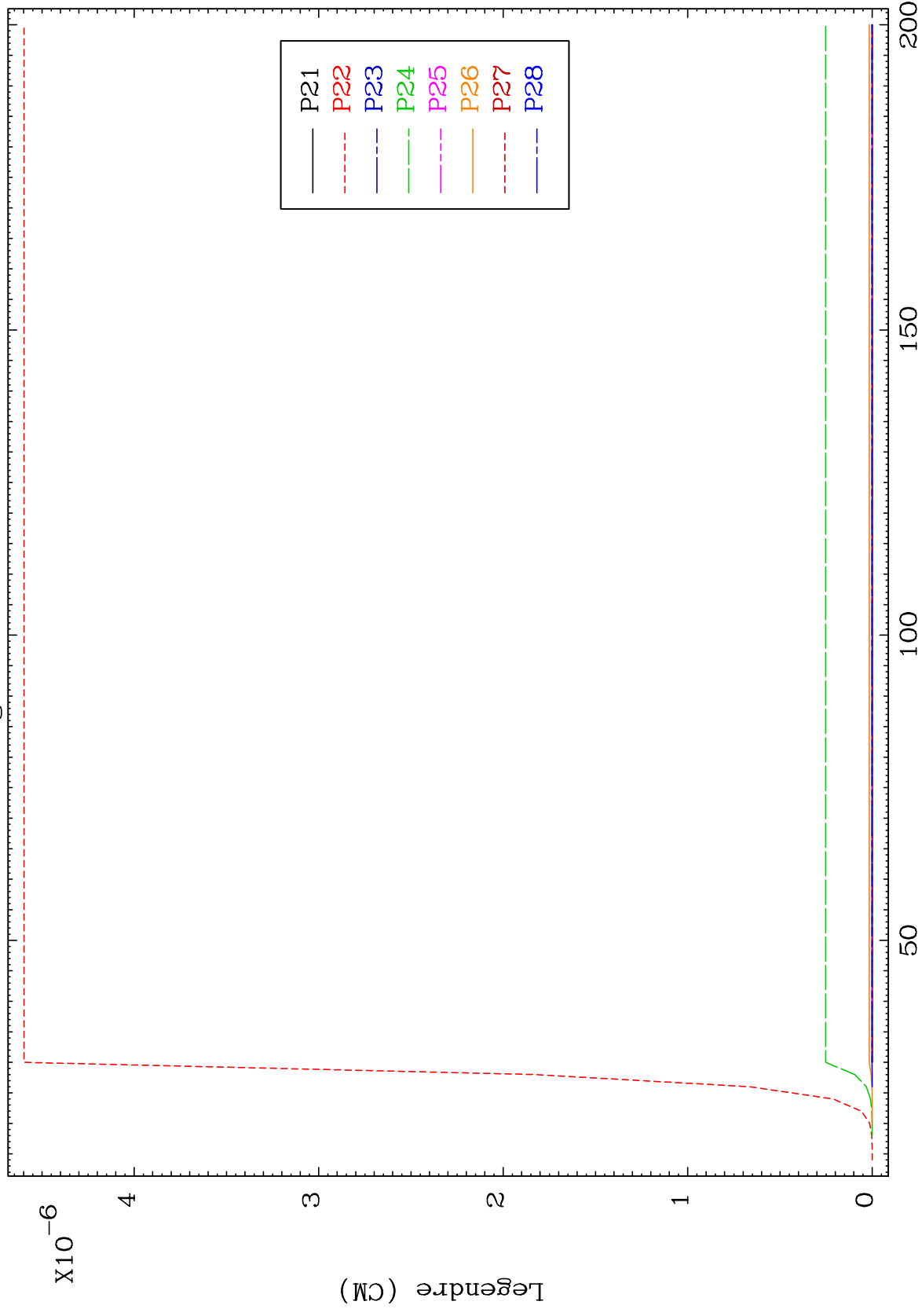
Incident Energy (MeV)

56-Ba-136

MAT 5643

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

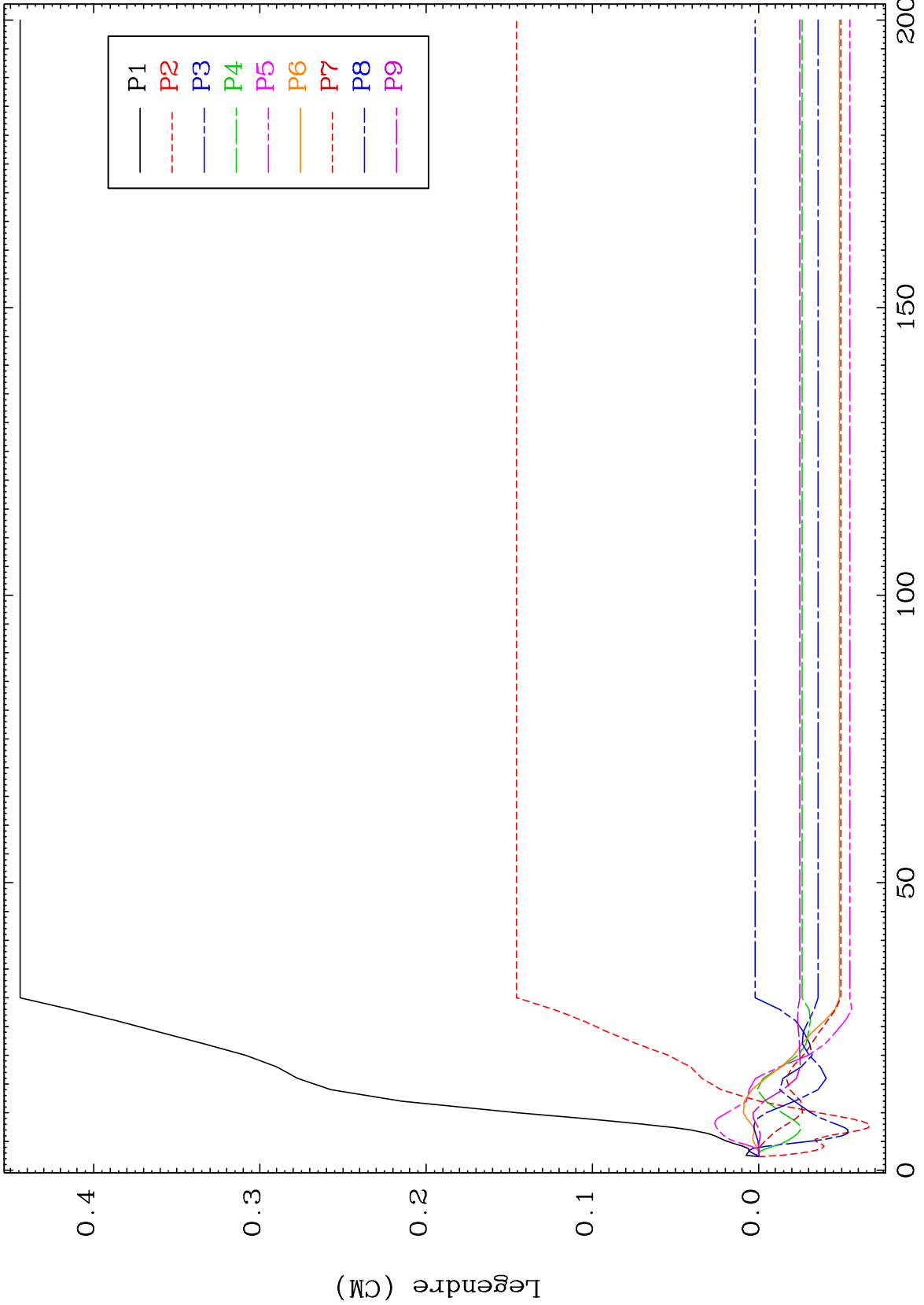
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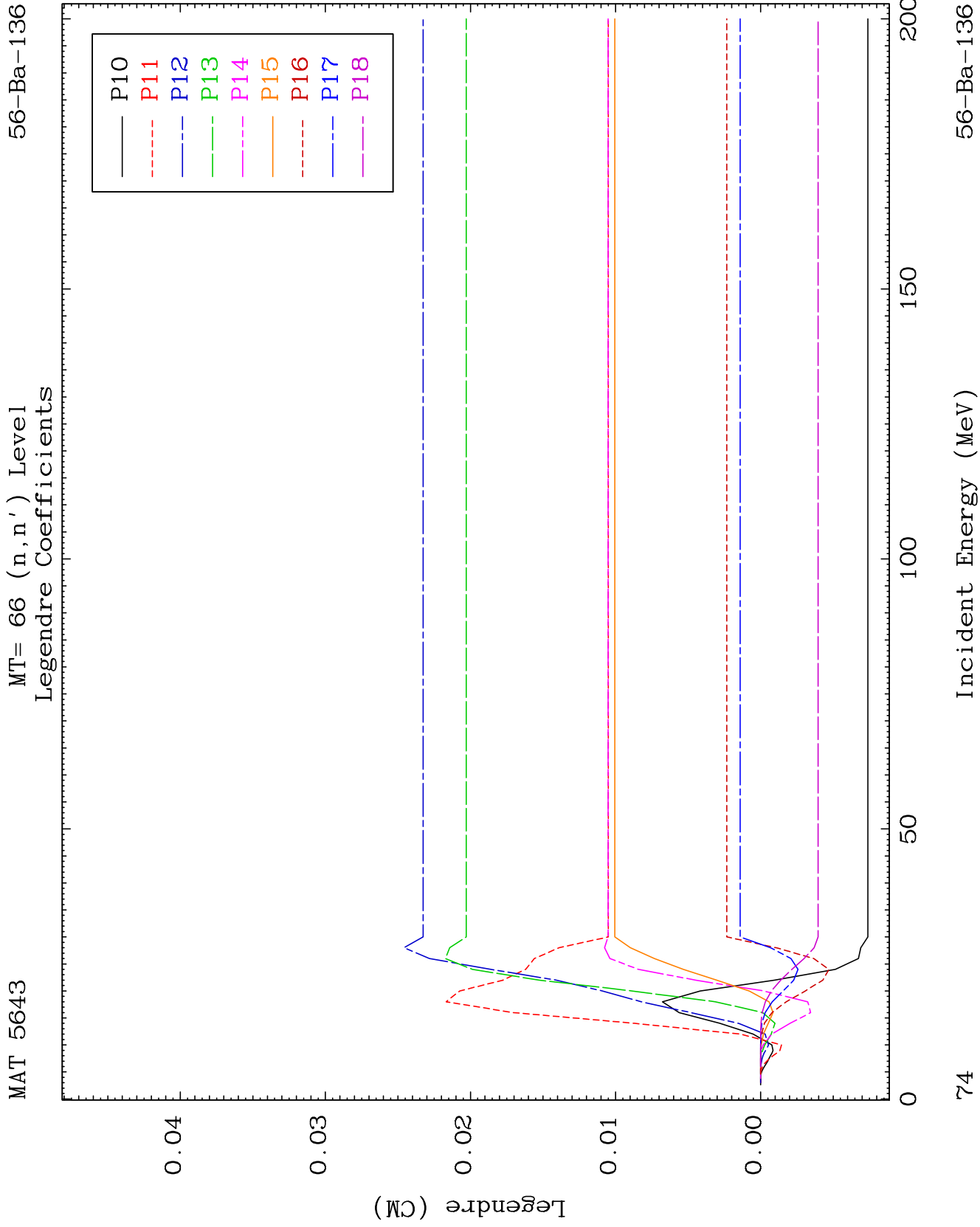


22

Incident Energy (MeV)

56-Ba-136

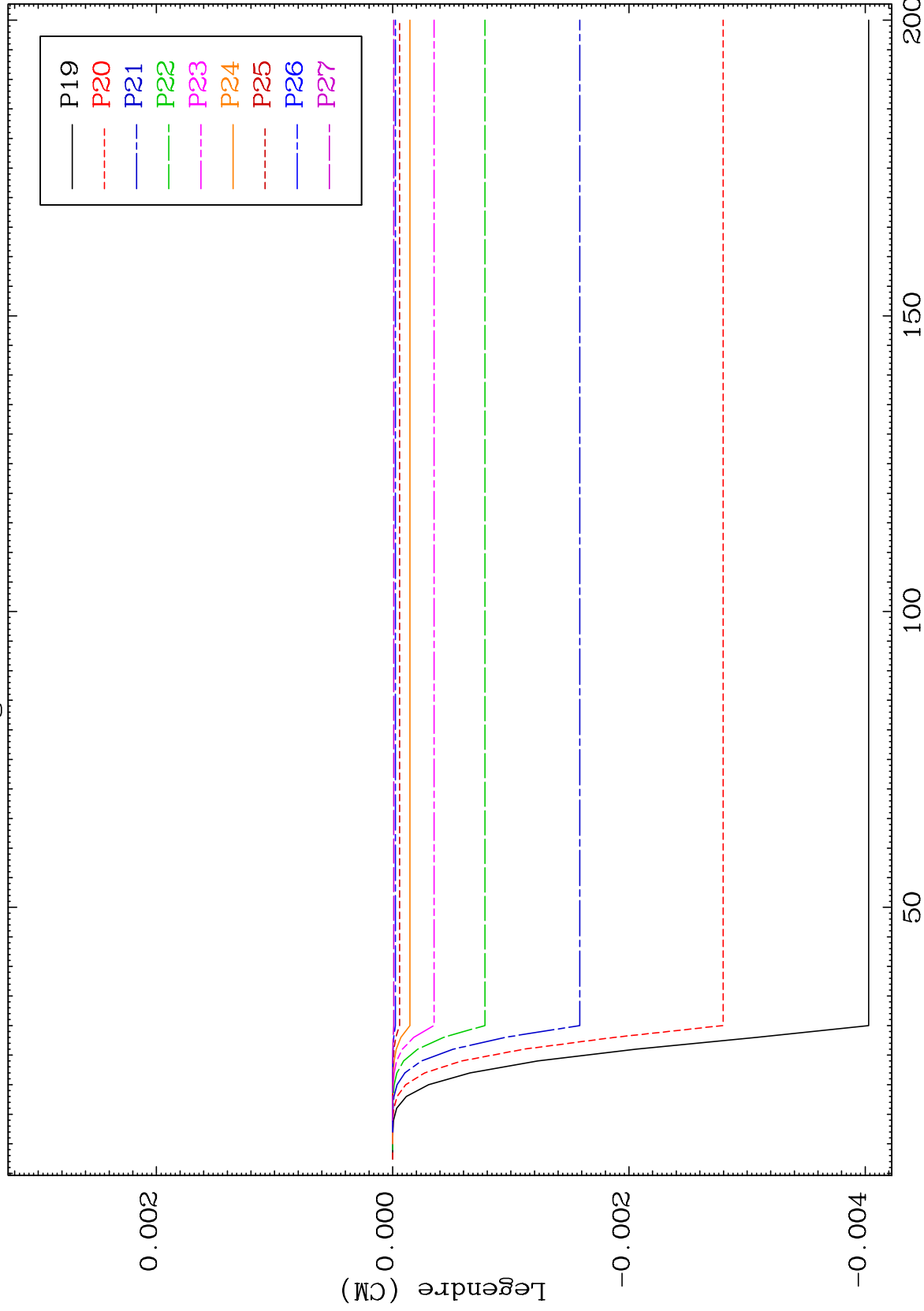




MAT 5643

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

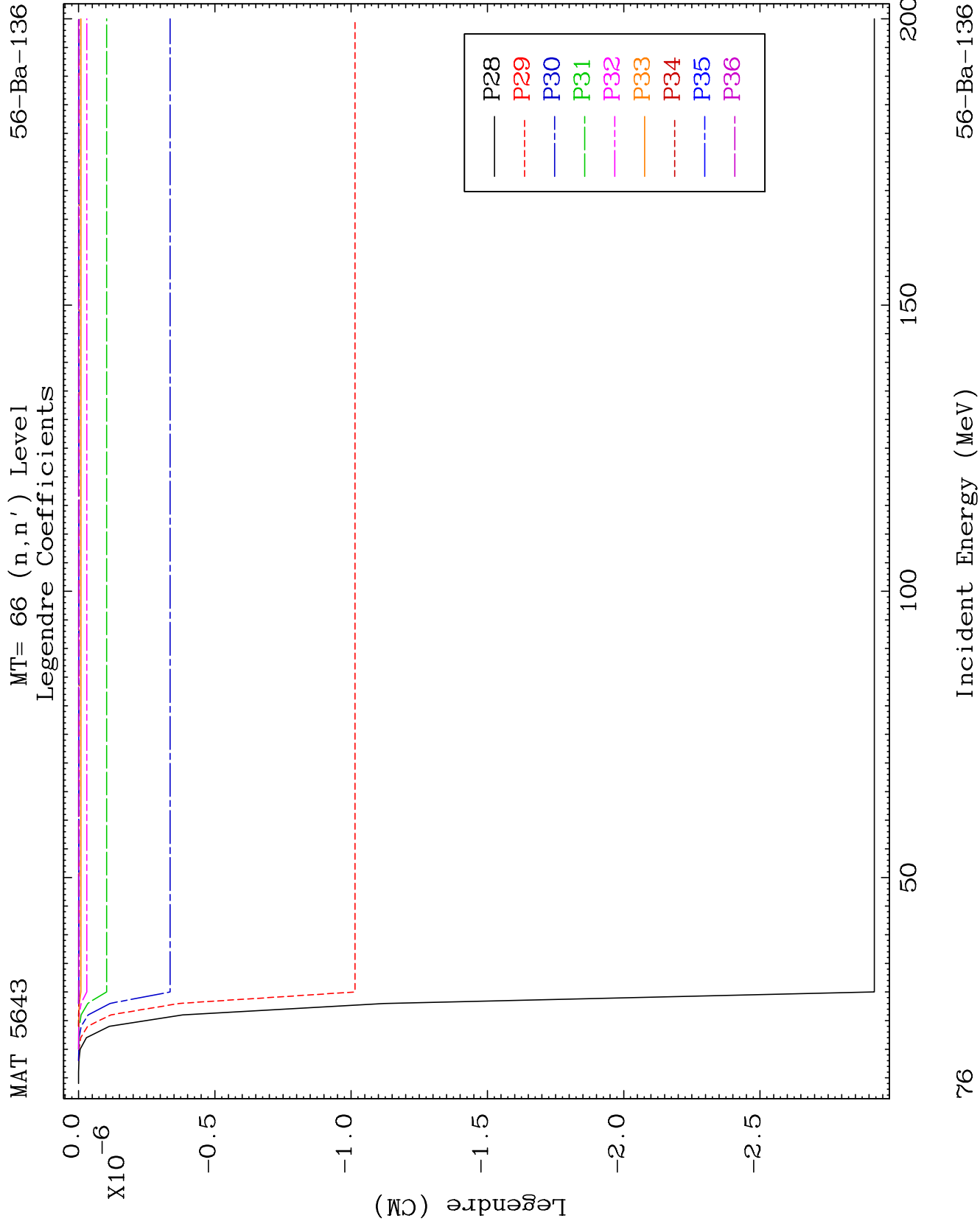
56-Ba-136



75

Incident Energy (MeV)

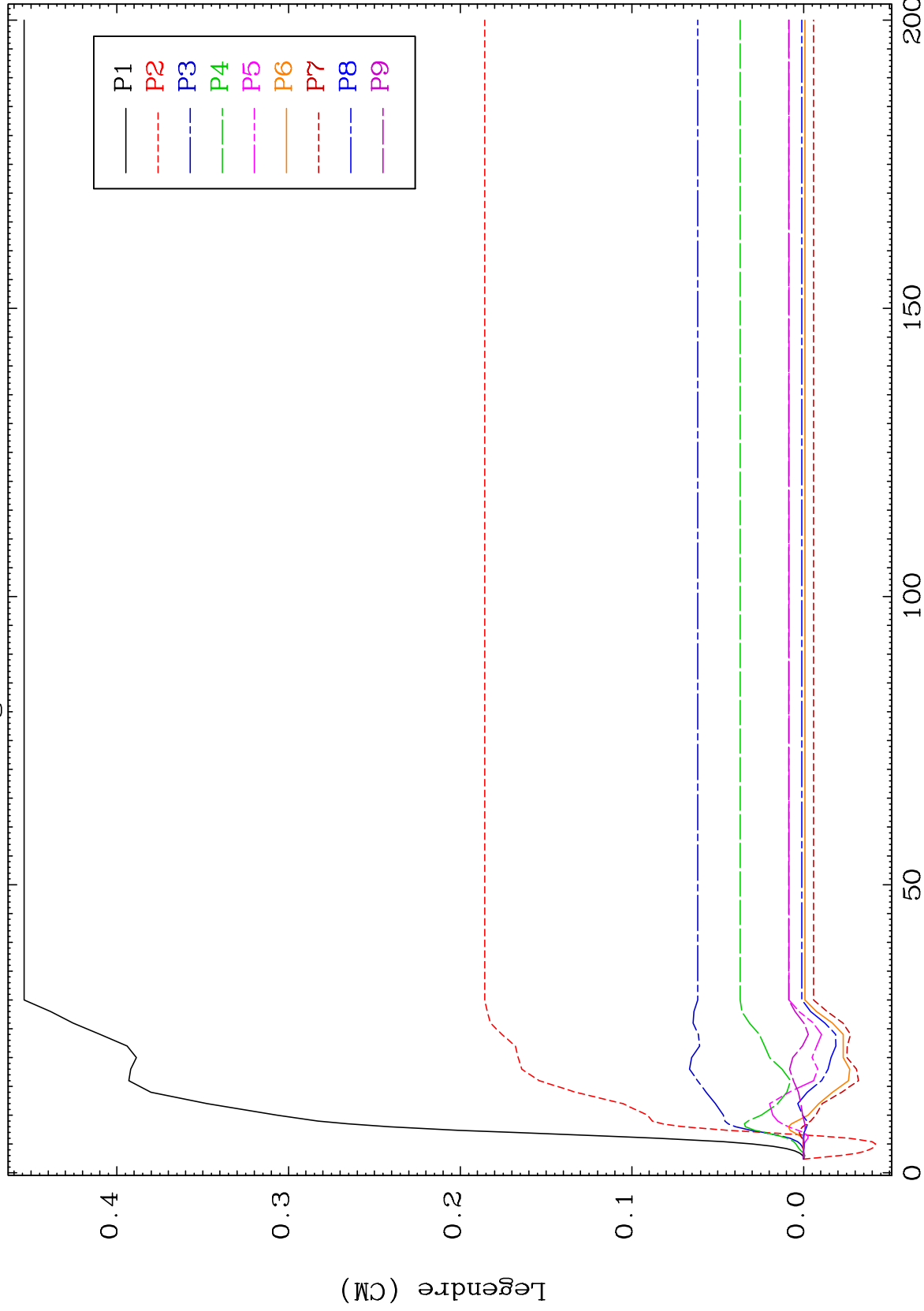
56-Ba-136



MAT 5643

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

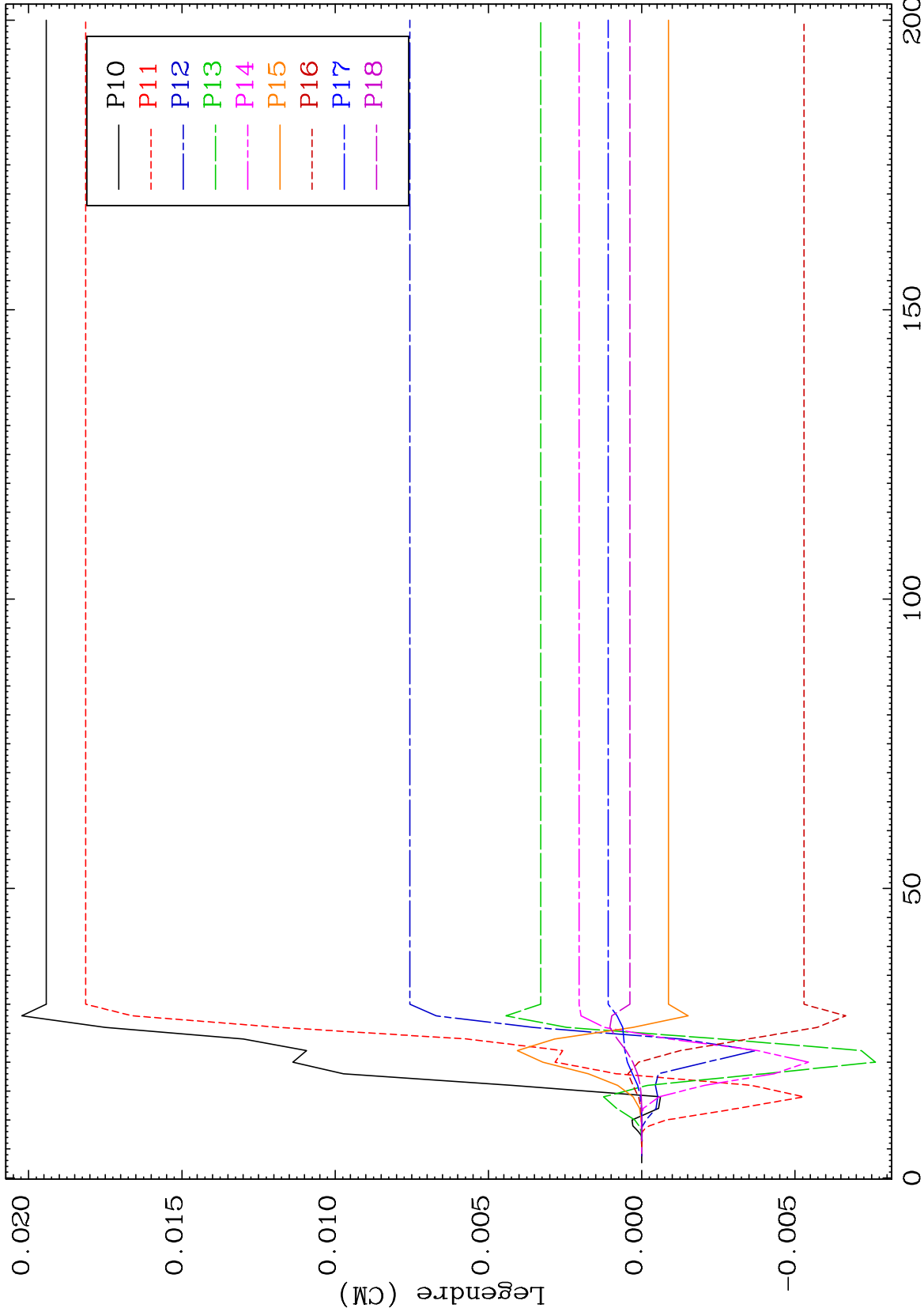
56-Ba-136



77

Incident Energy (MeV)

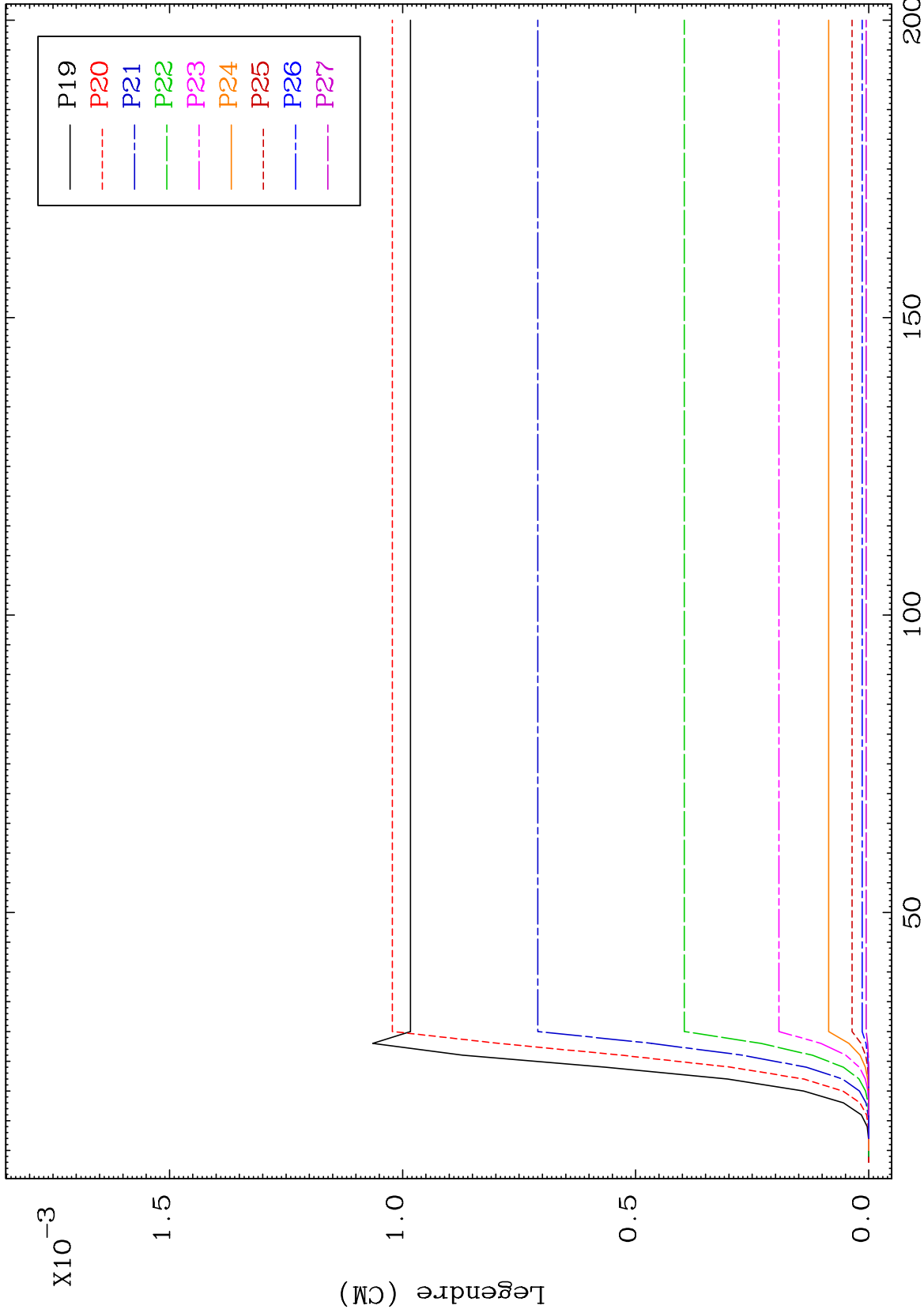
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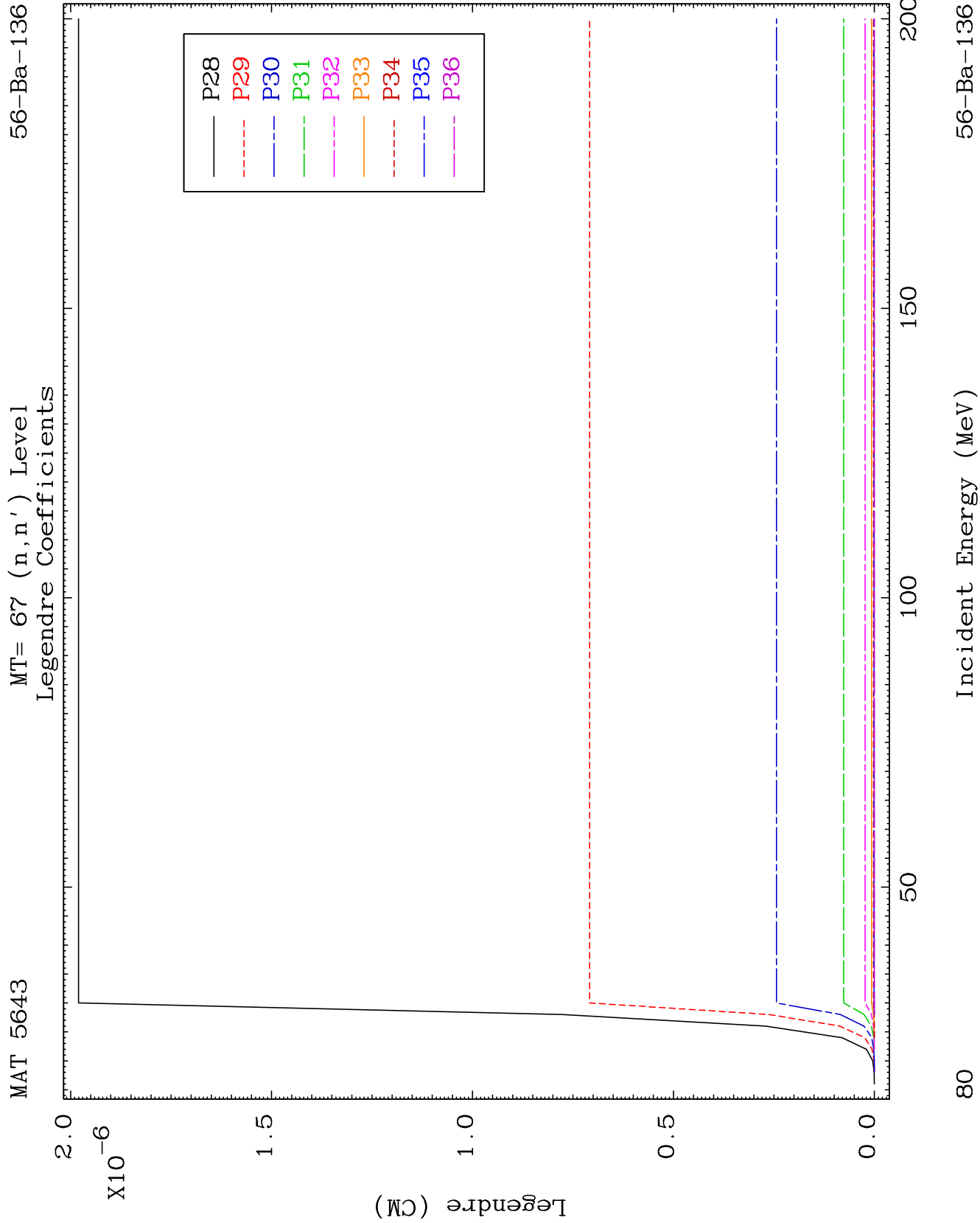


MAT 5643

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

56-Ba-136

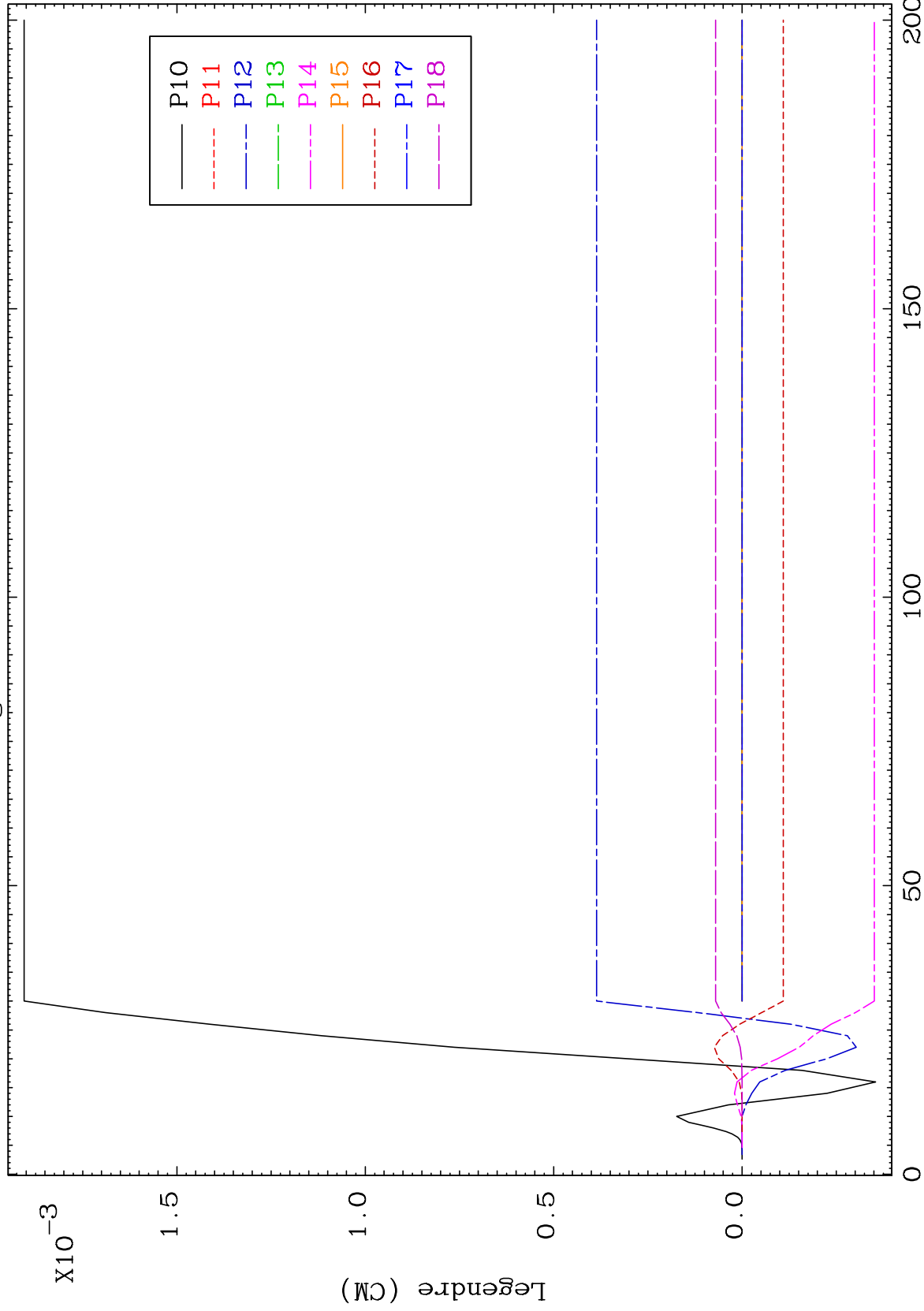




MAT 5643

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

56-Ba-136



82

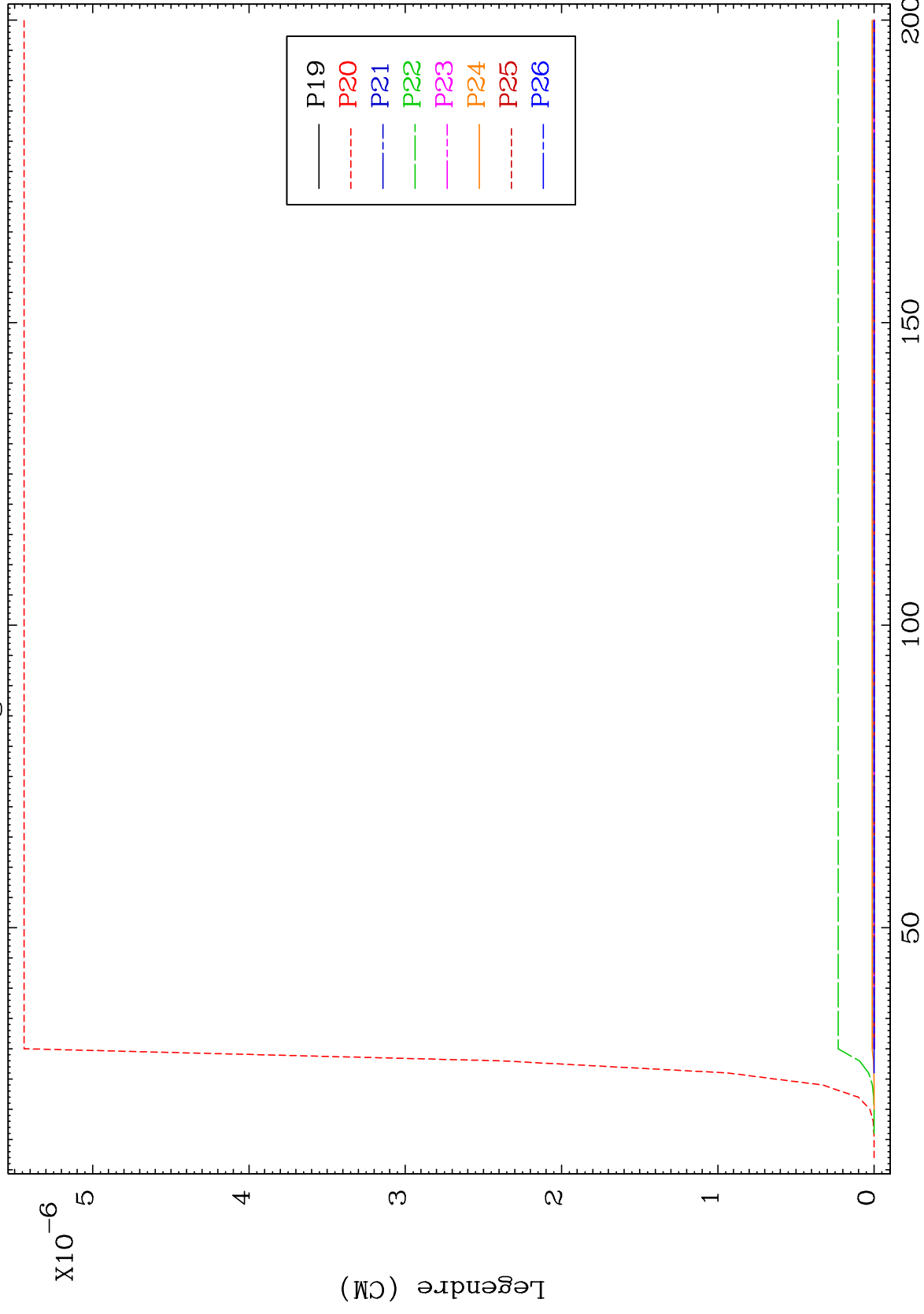
Incident Energy (MeV)

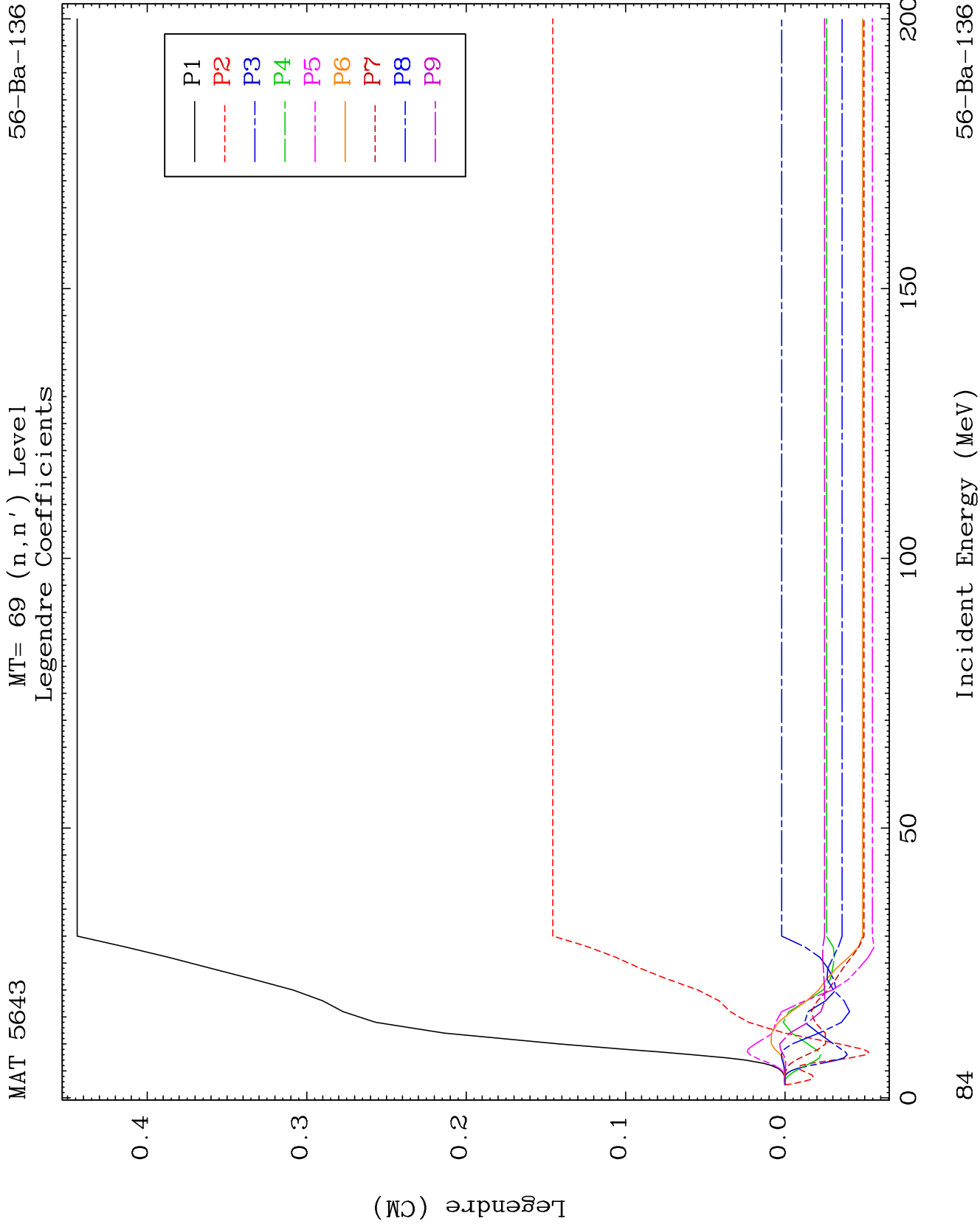
56-Ba-136

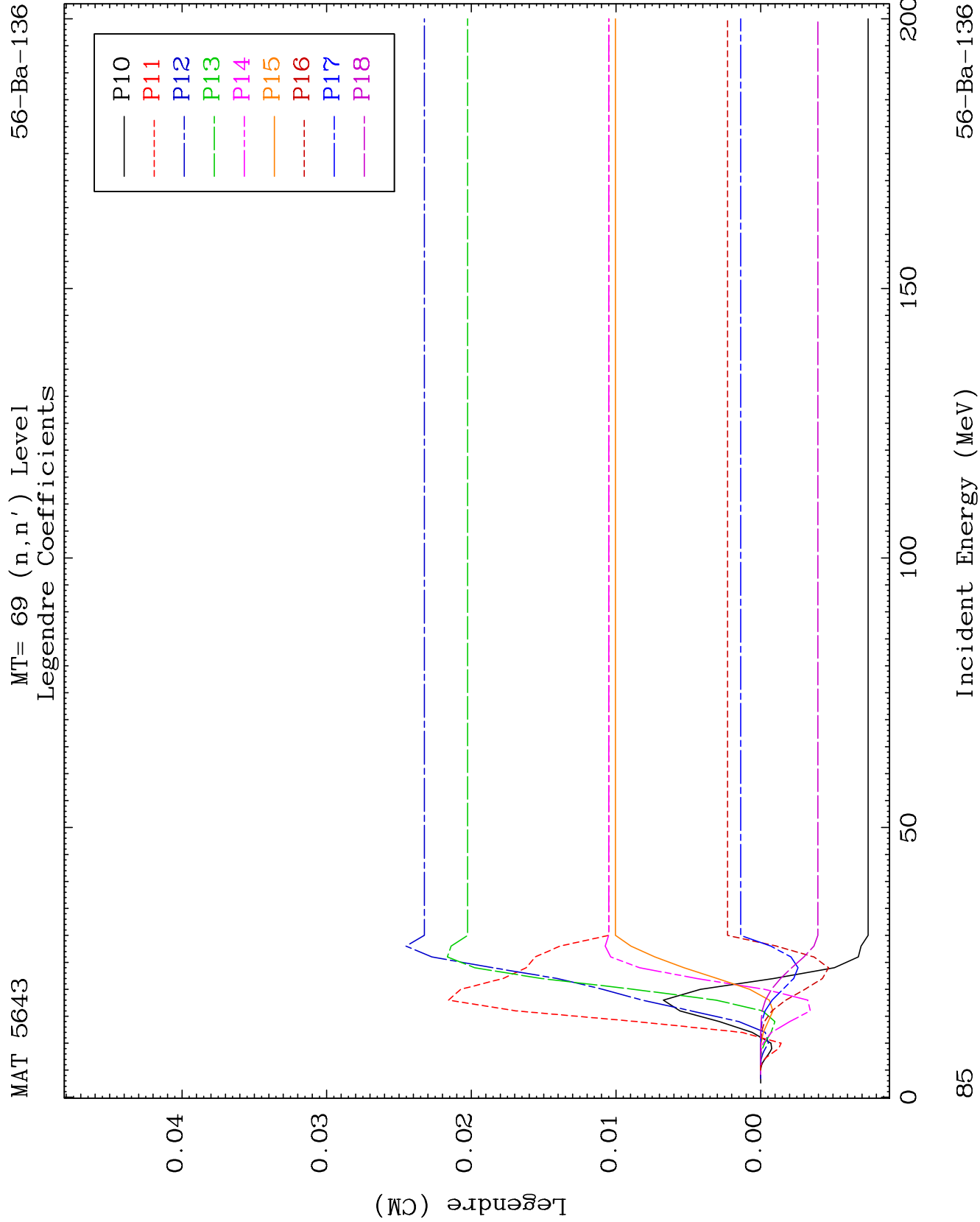
MAT 5643

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

56-Ba-136



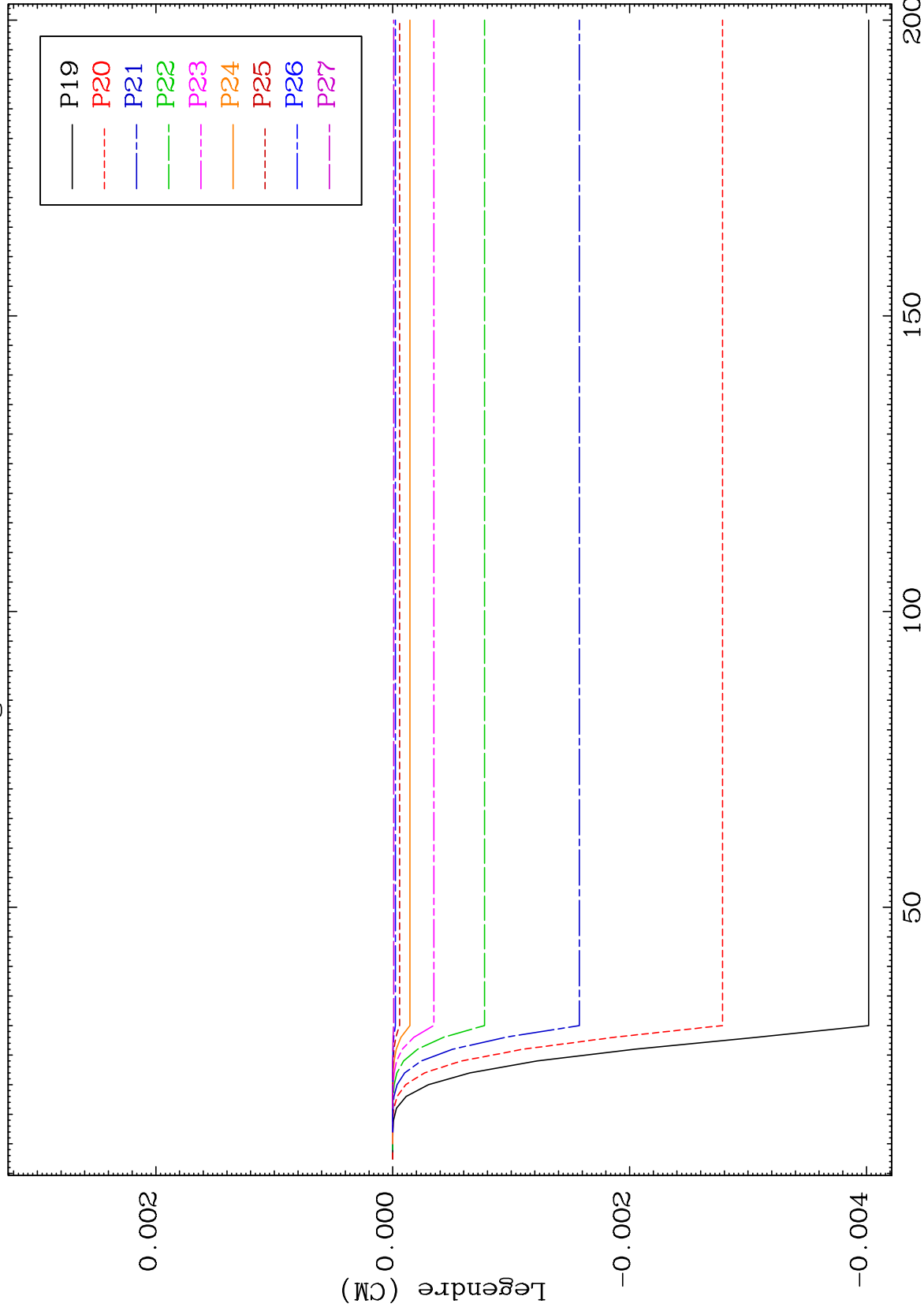




MAT 5643

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

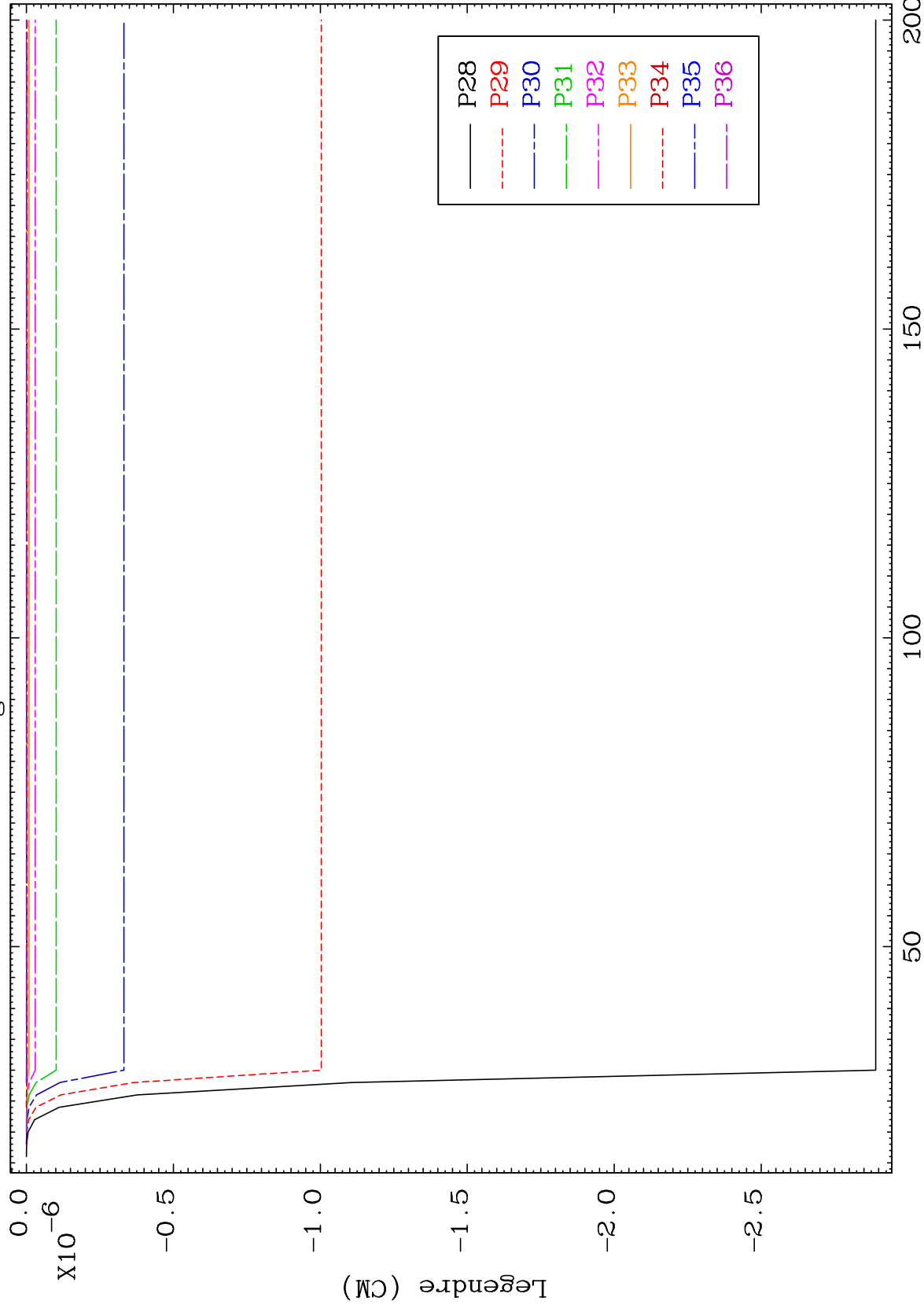
56-Ba-136



86

Incident Energy (MeV)

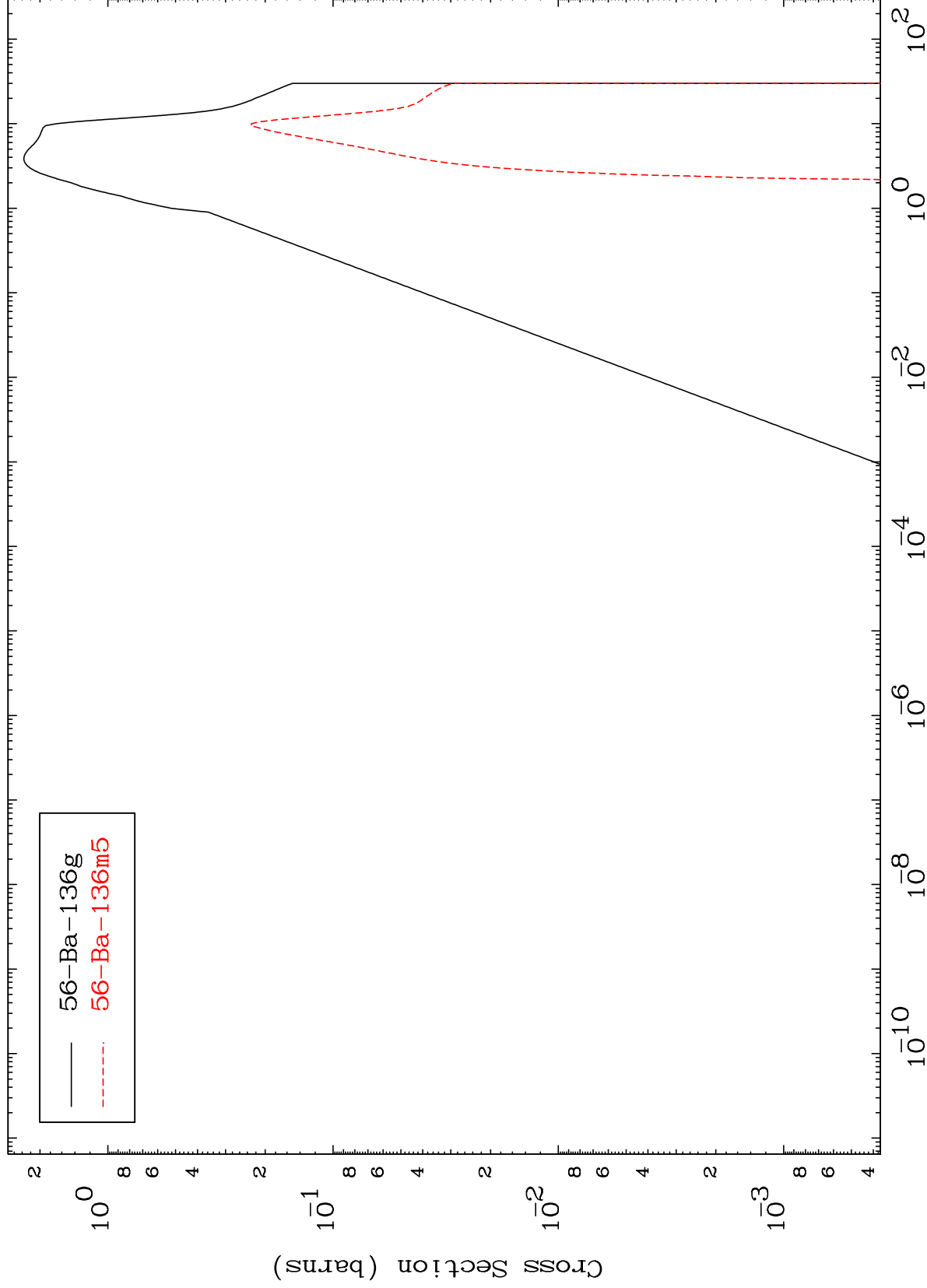
56-Ba-136



MAT 5643

Radionuclide Production Cross Section

56-Ba-136



88

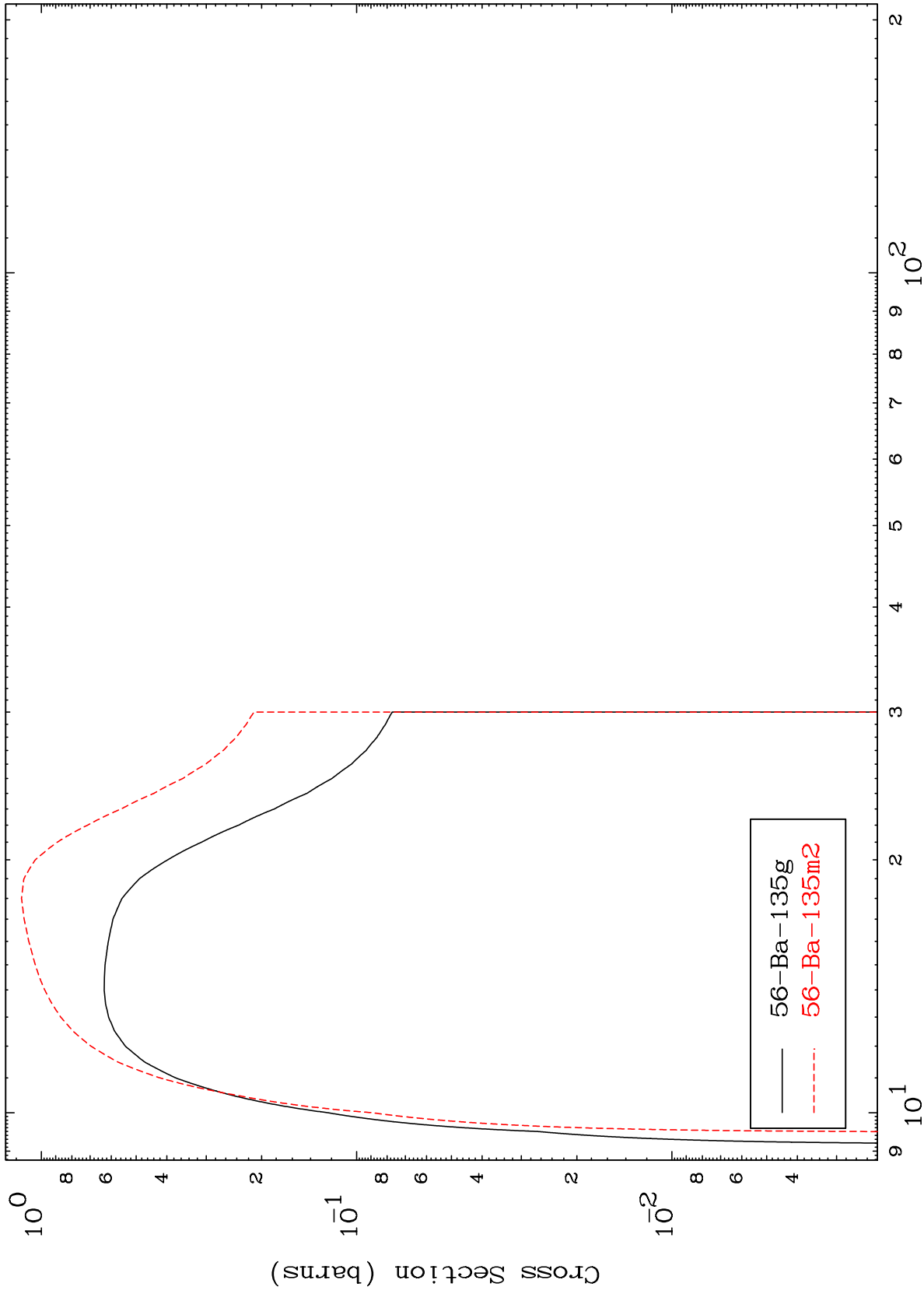
Incident Energy (MeV)

56-Ba-136

MAT 5643

56-Ba-136

(n,2n)
Radionuclide Production Cross Section



89

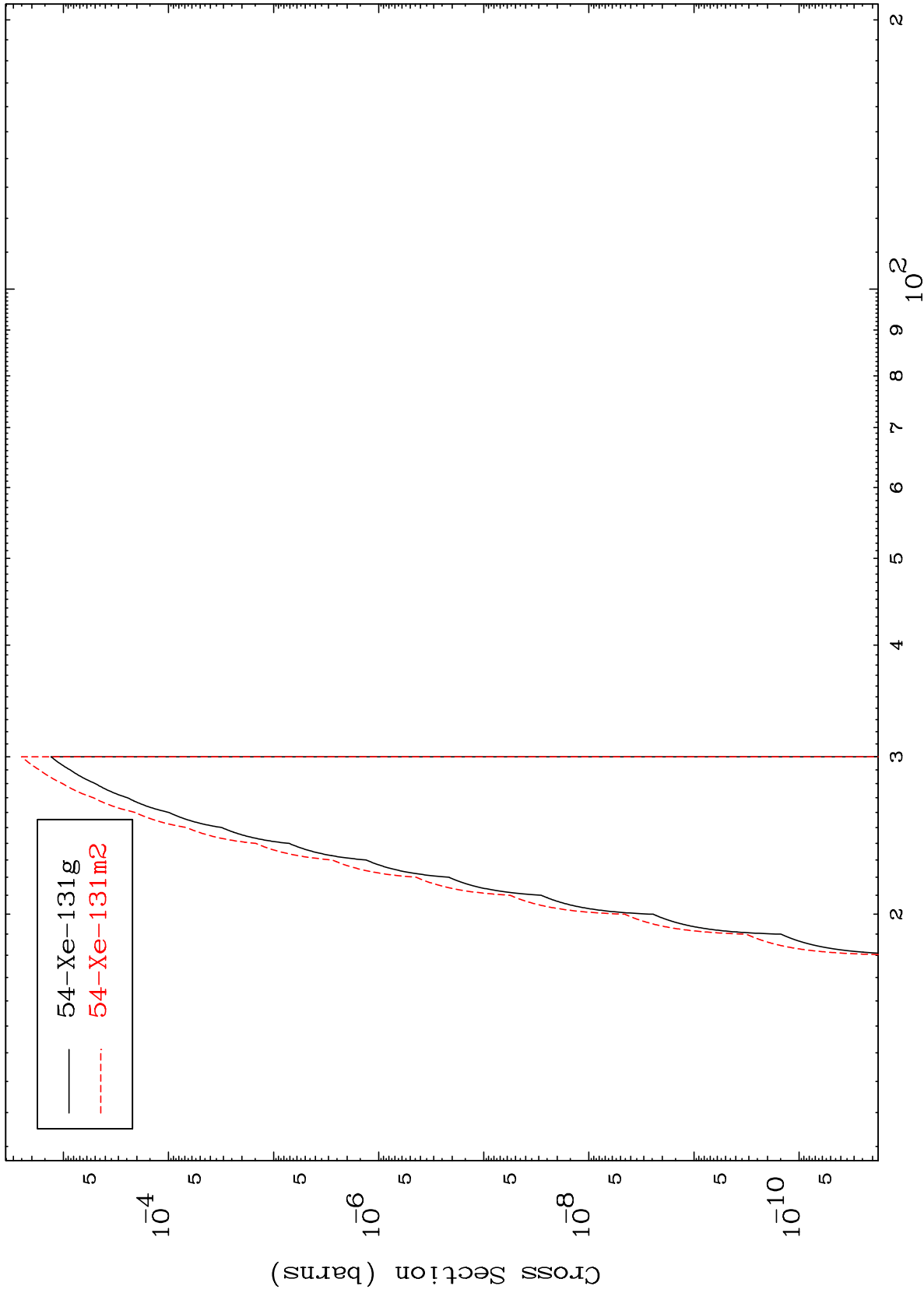
Incident Energy (MeV)

56-Ba-136

MAT 5643

56-Ba-136

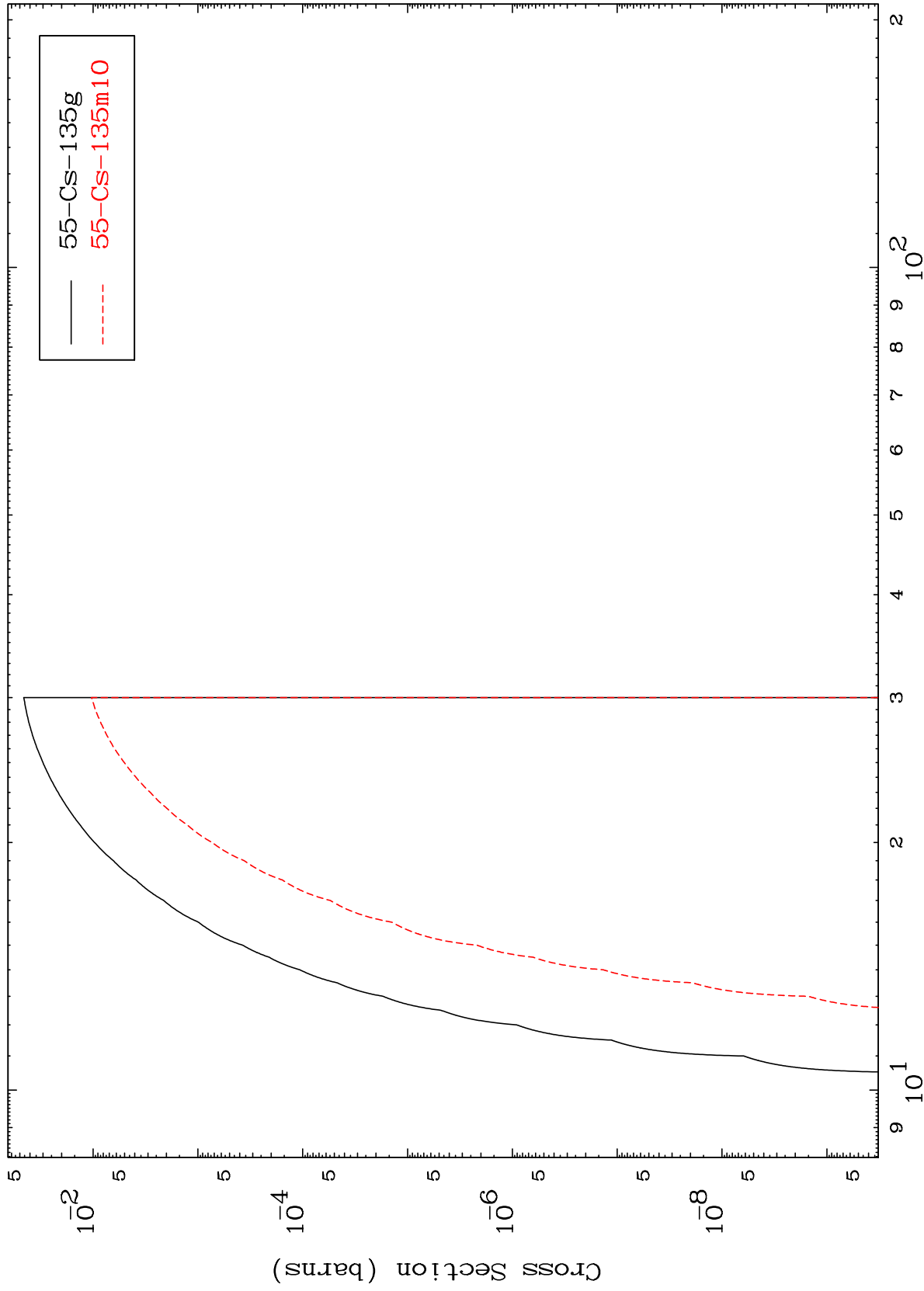
(n,2n) α
Radionuclide Production Cross Section



MAT 5643

56-Ba-136

(n,n') p
Radionuclide Production Cross Section



91

Incident Energy (MeV)

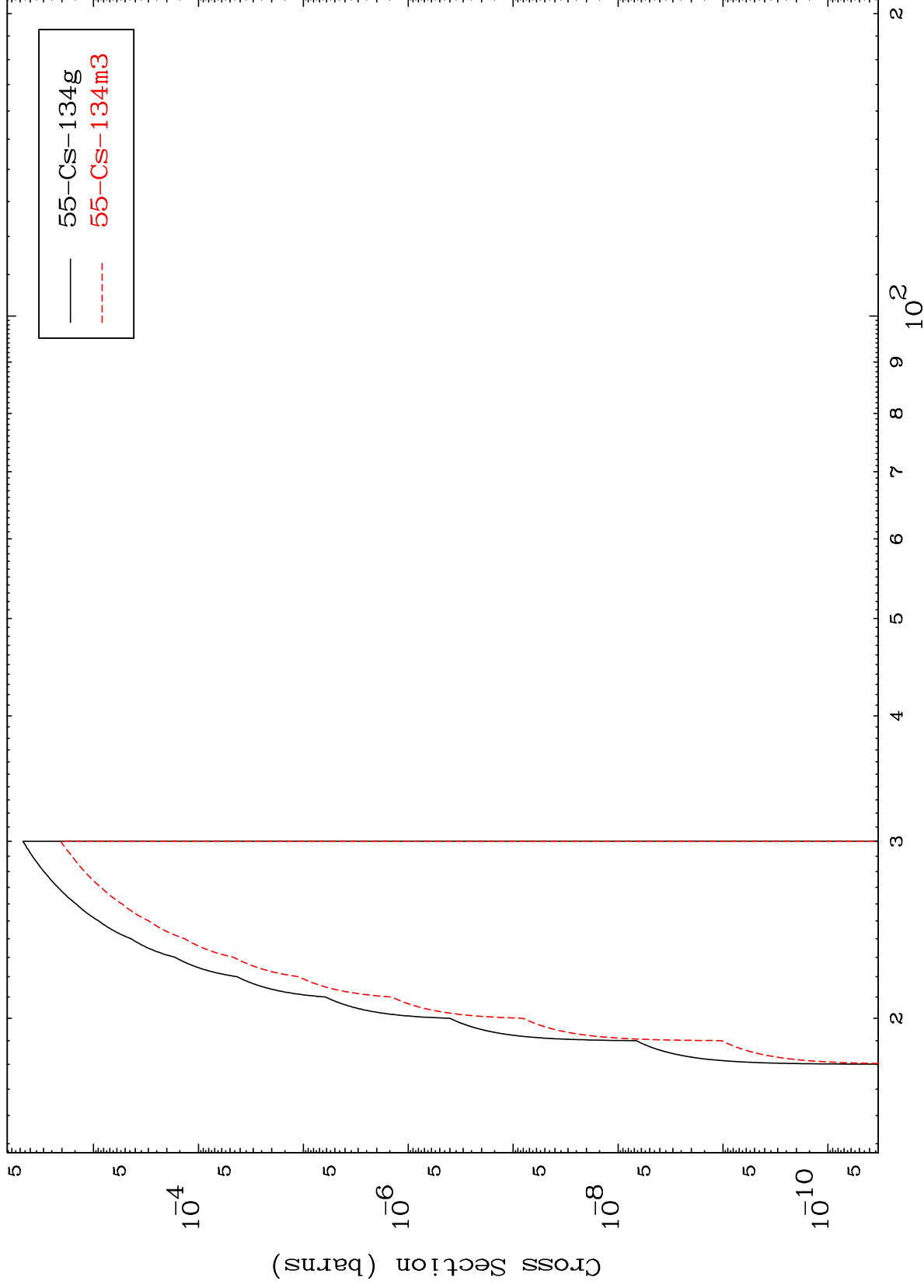
56-Ba-136

MAT 5643

(n,n') d

56-Ba-136

Radionuclide Production Cross Section



92

Incident Energy (MeV)

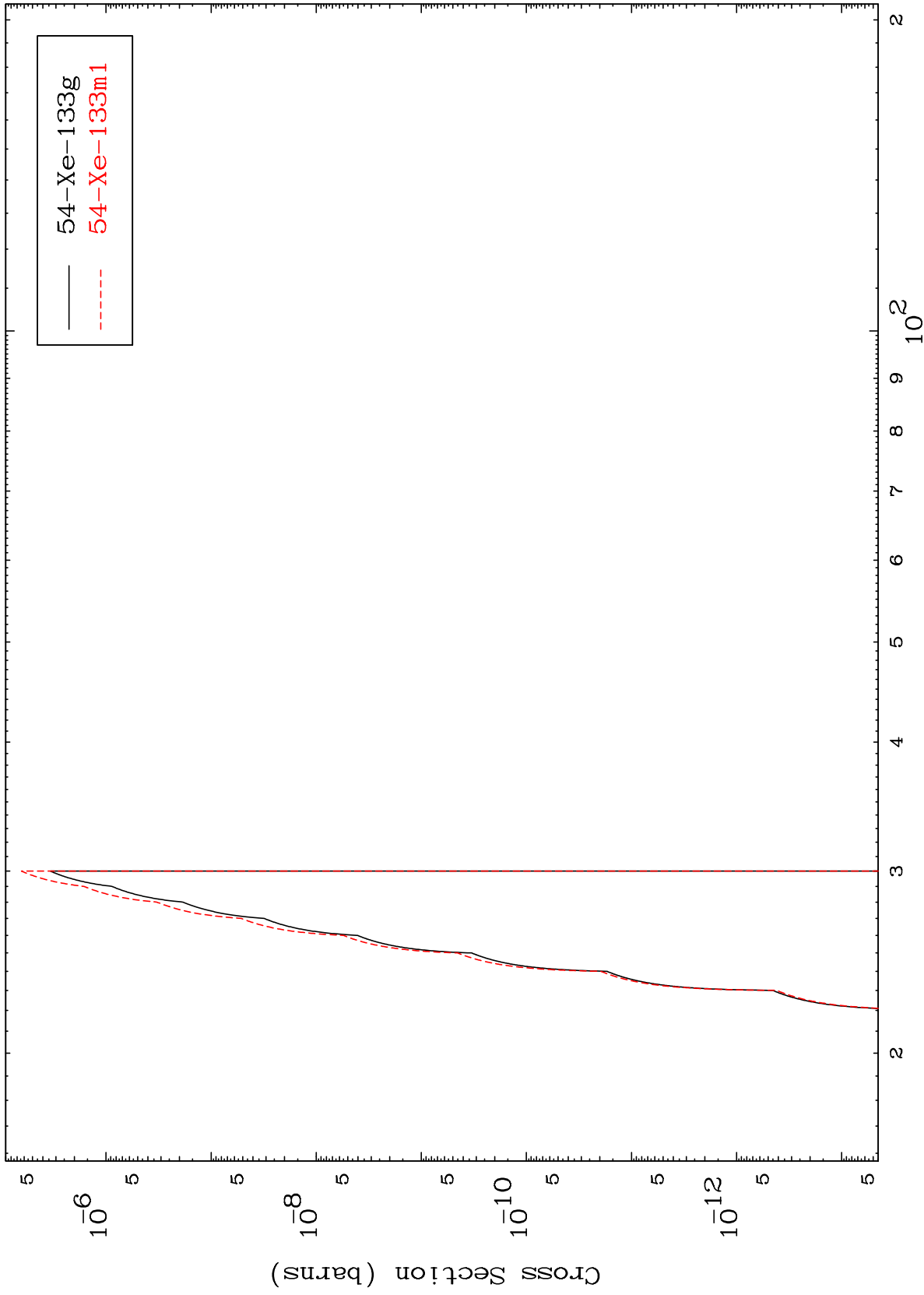
56-Ba-136

MAT 5643

(n,n') He-3

56-Ba-136

Radionuclide Production Cross Section



93

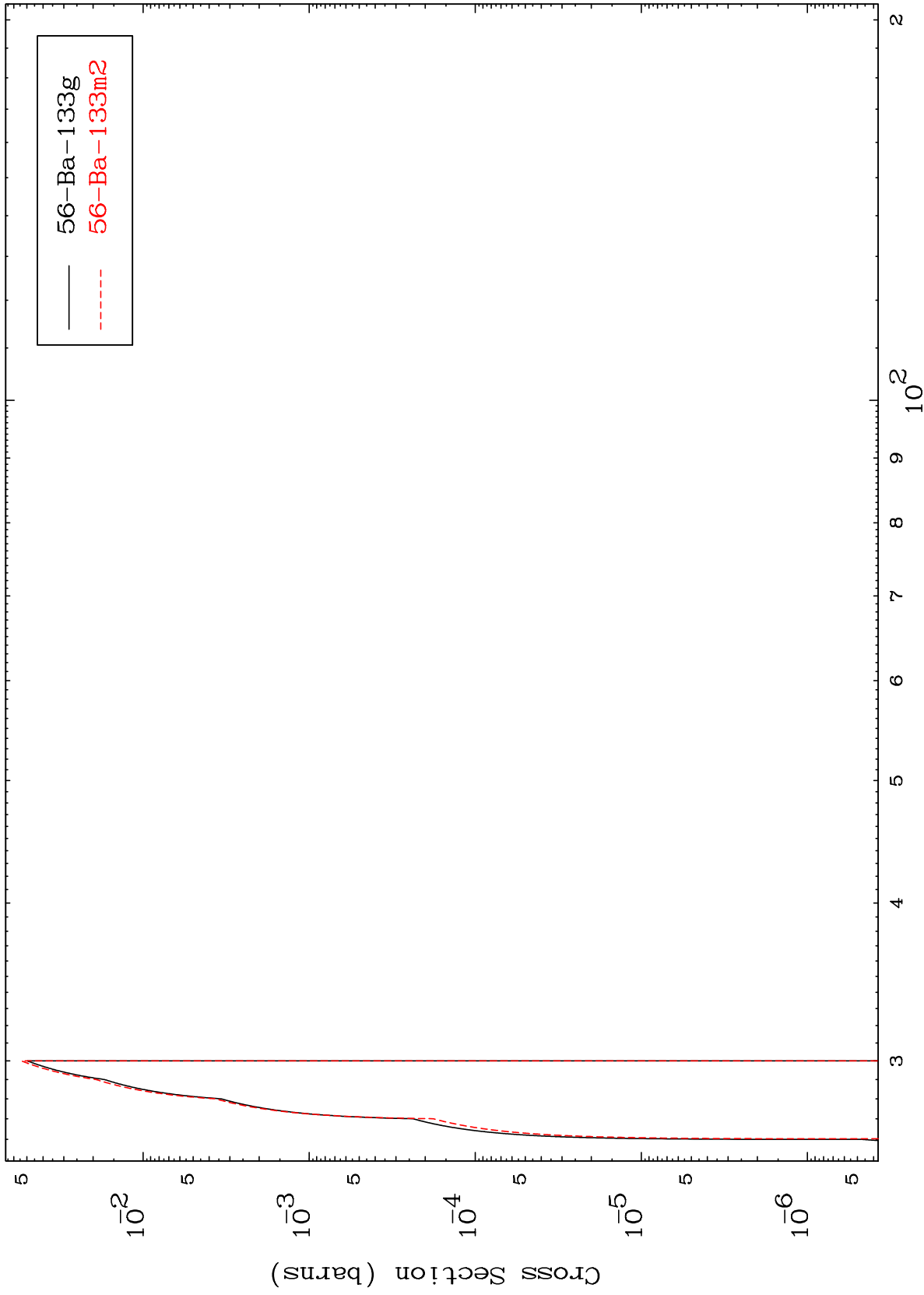
Incident Energy (MeV)

56-Ba-136

MAT 5643

56-Ba-136

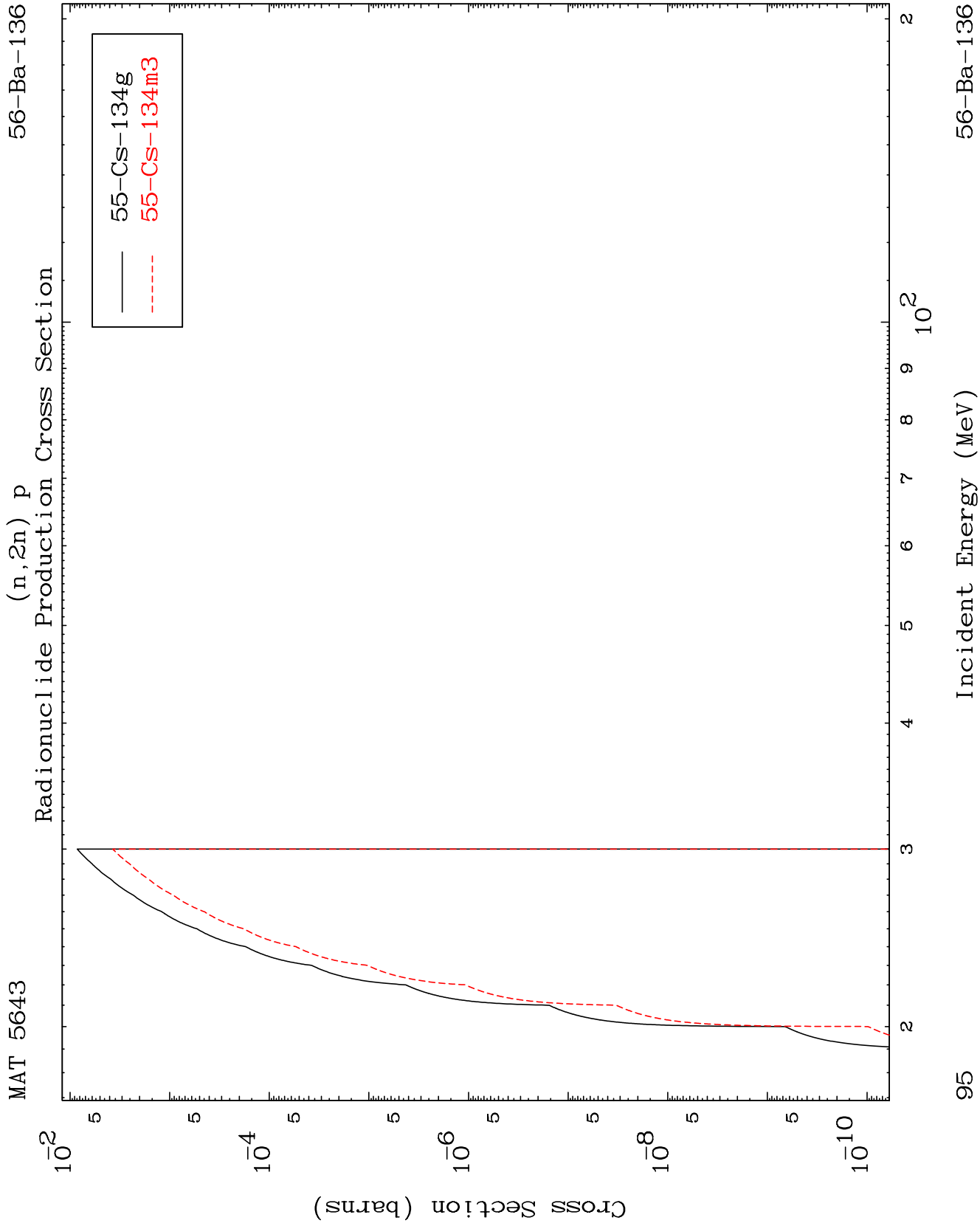
(n,4n)
Radionuclide Production Cross Section

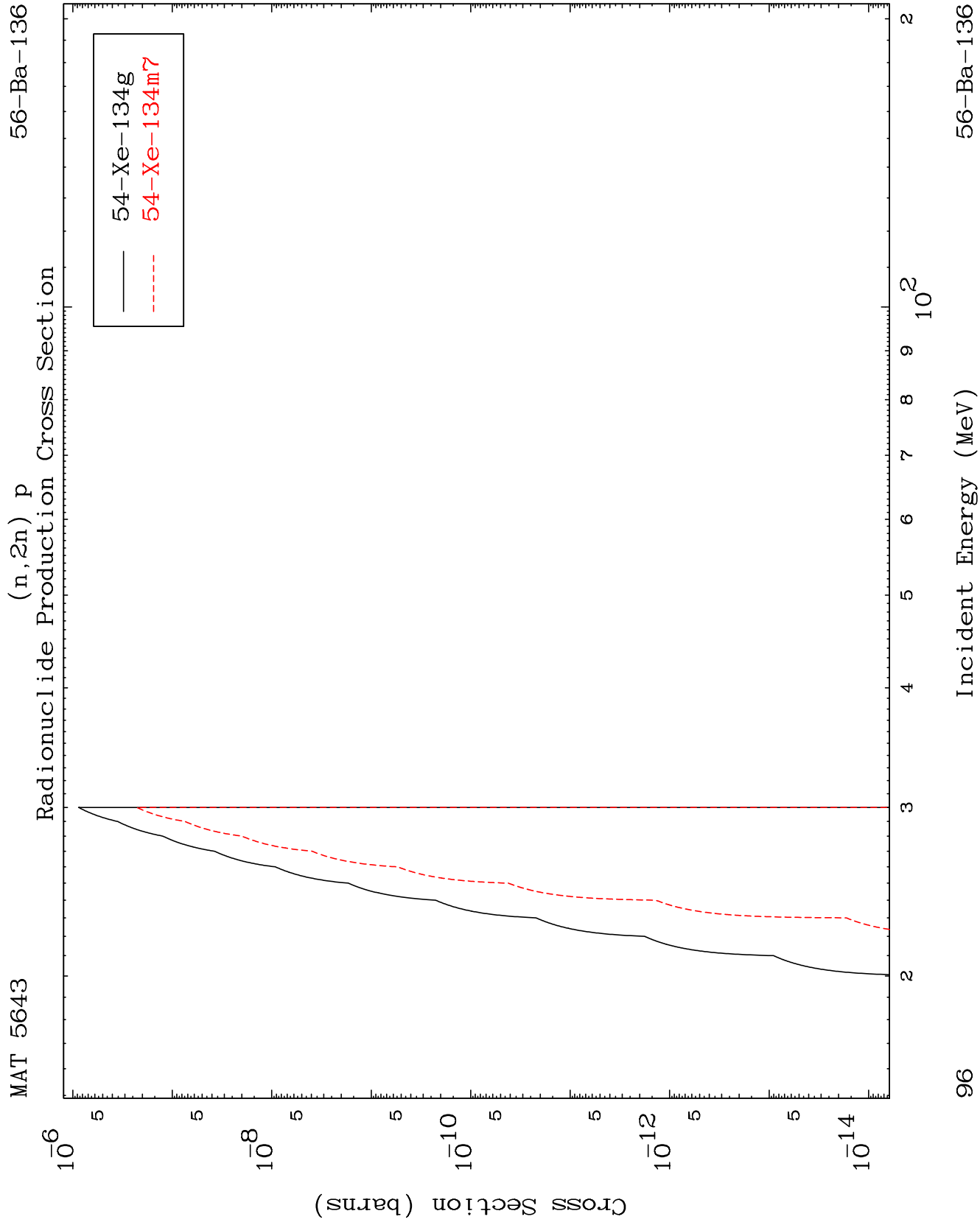


94

Incident Energy (MeV)

56-Ba-136

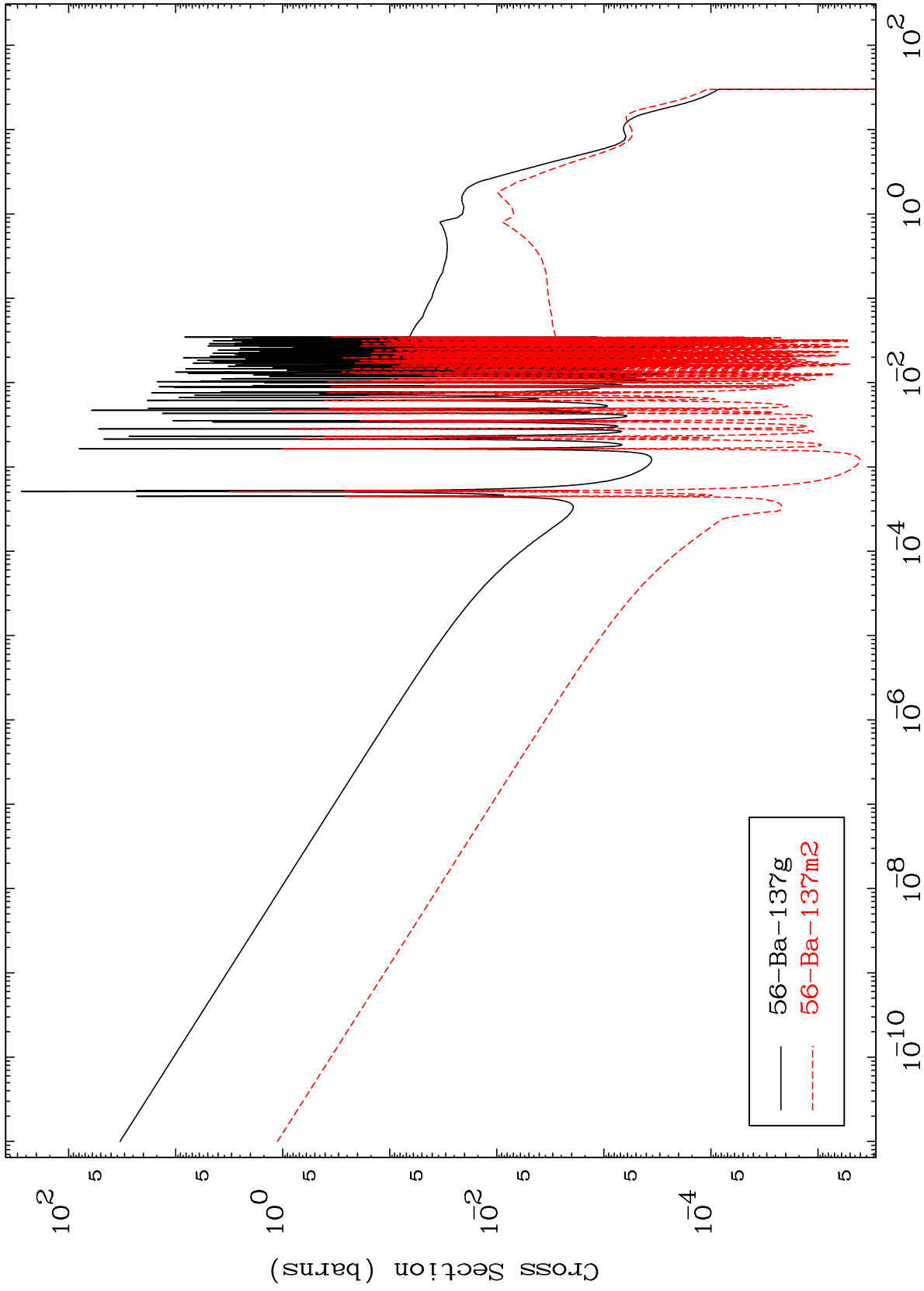




MAT 5643

56-Ba-136

Radionuclide Production Cross Section
(n, γ)



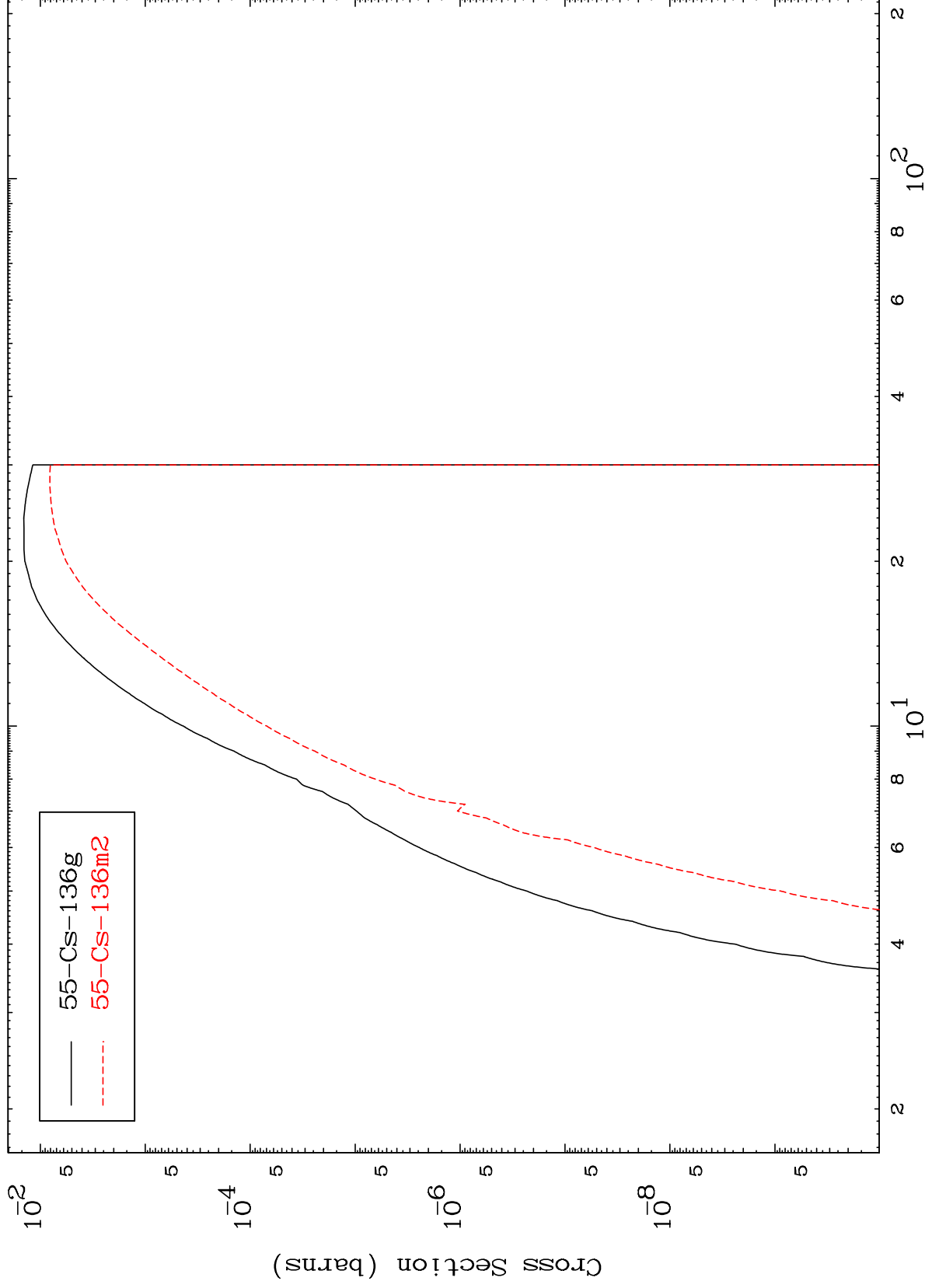
97

56-Ba-136

MAT 5643

56-Ba-136

(n,p)
Radionuclide Production Cross Section



98

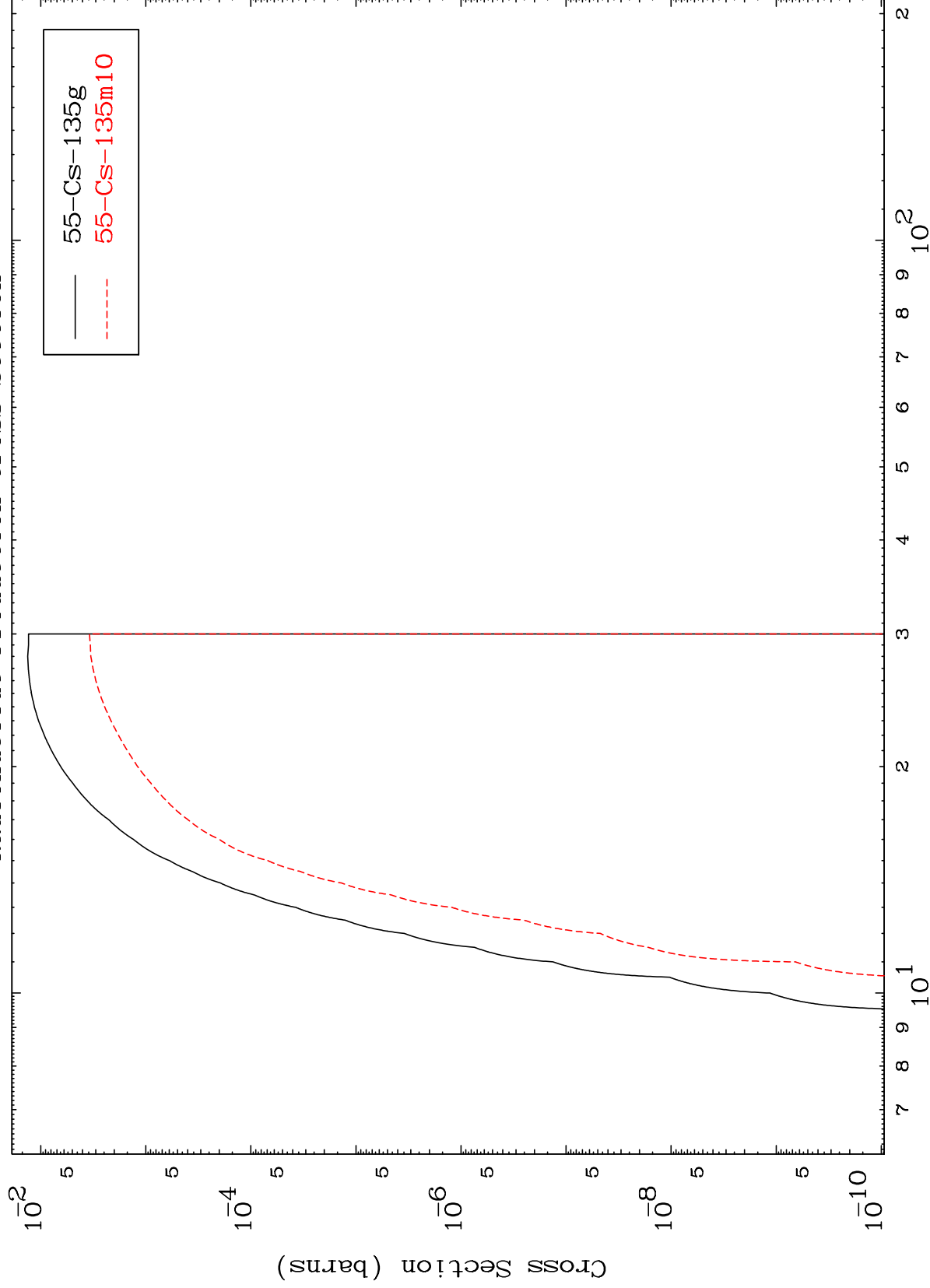
Incident Energy (MeV)

56-Ba-136

MAT 5643

56-Ba-136

(n,d)
Radionuclide Production Cross Section



99

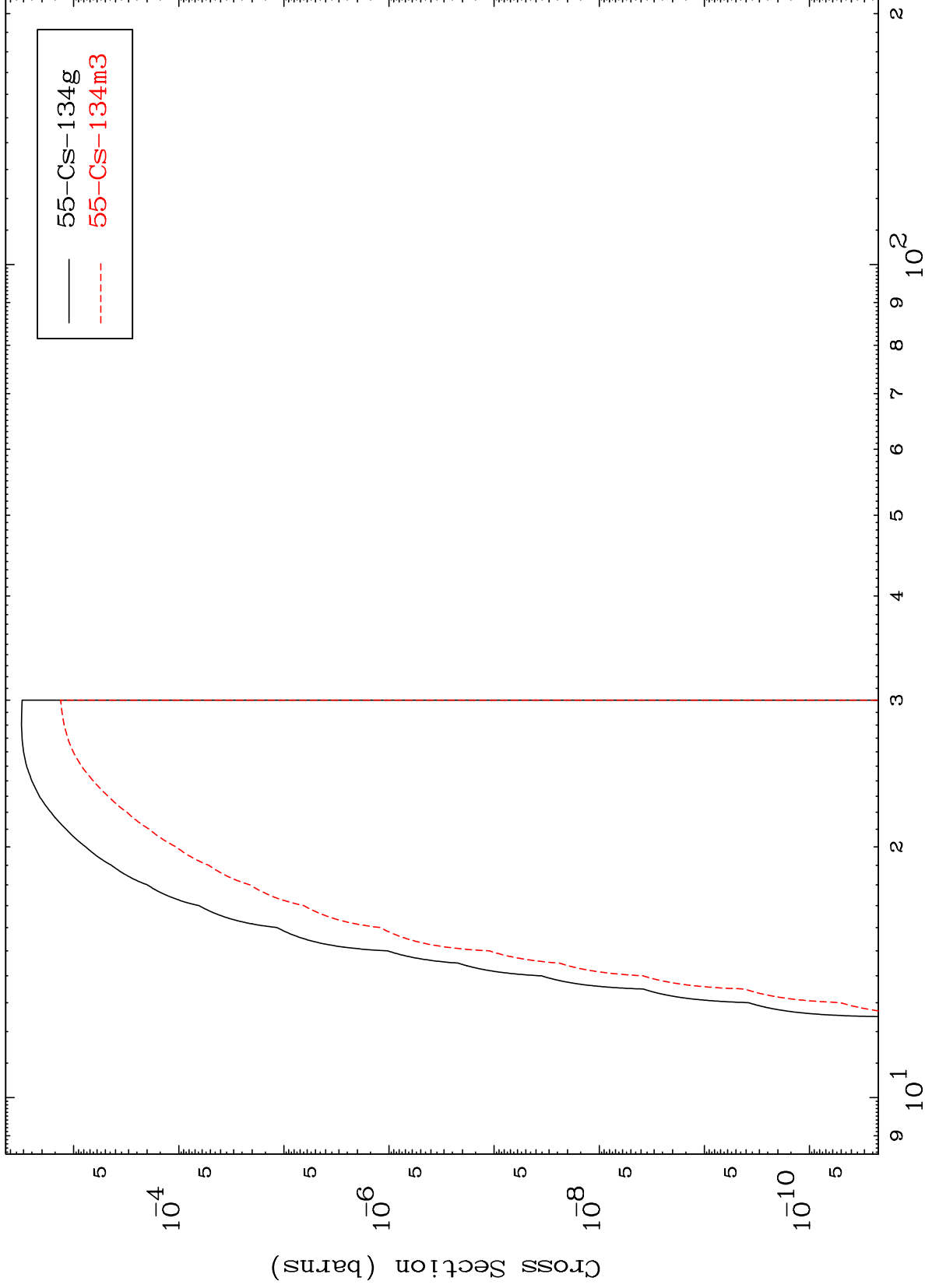
Incident Energy (MeV)

56-Ba-136

MAT 5643

56-Ba-136

(n,t)
Radionuclide Production Cross Section



100

Incident Energy (MeV)

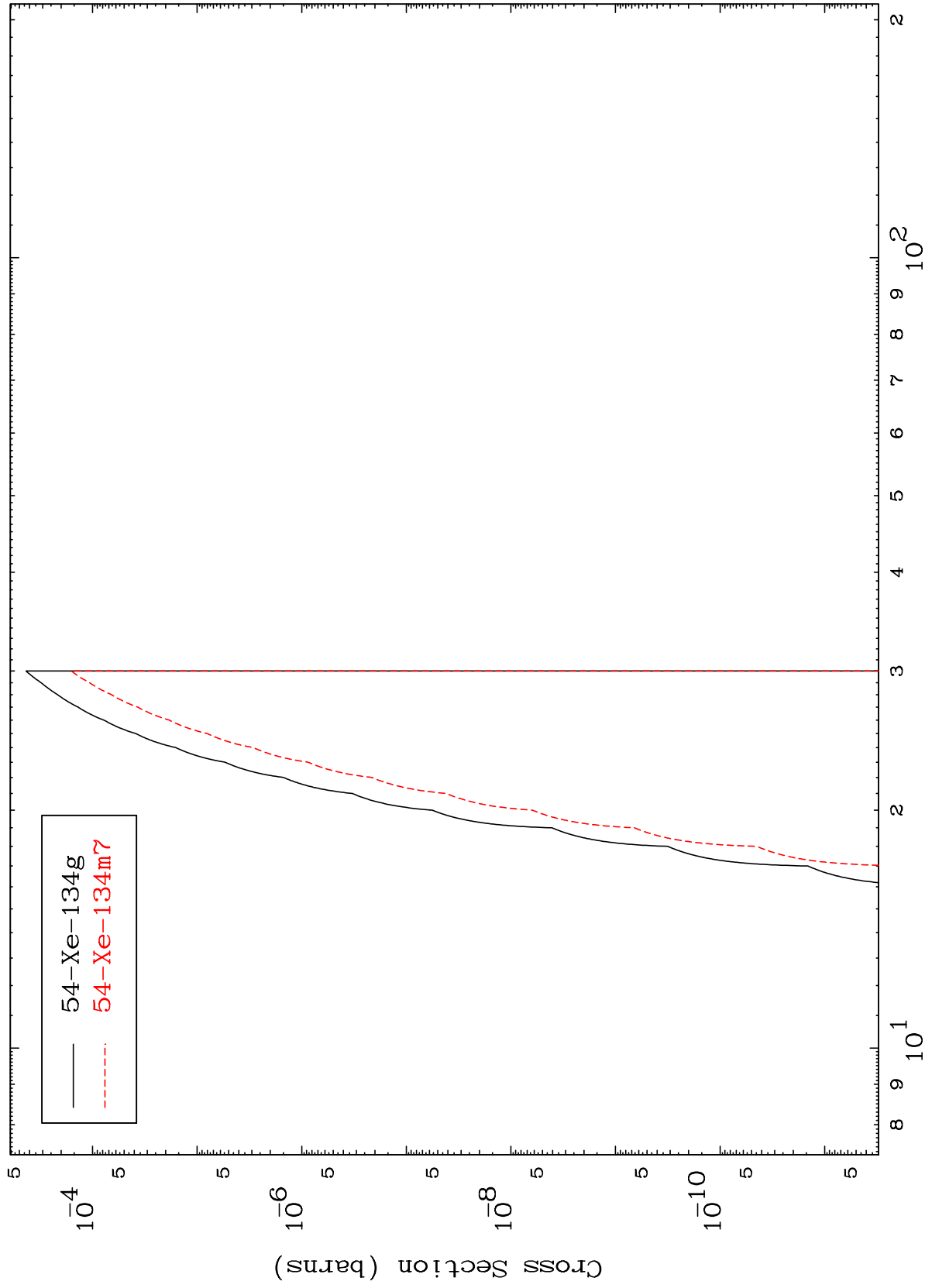
56-Ba-136

MAT 5643

(n,He-3)

56-Ba-136

Radionuclide Production Cross Section



101

Incident Energy (MeV)

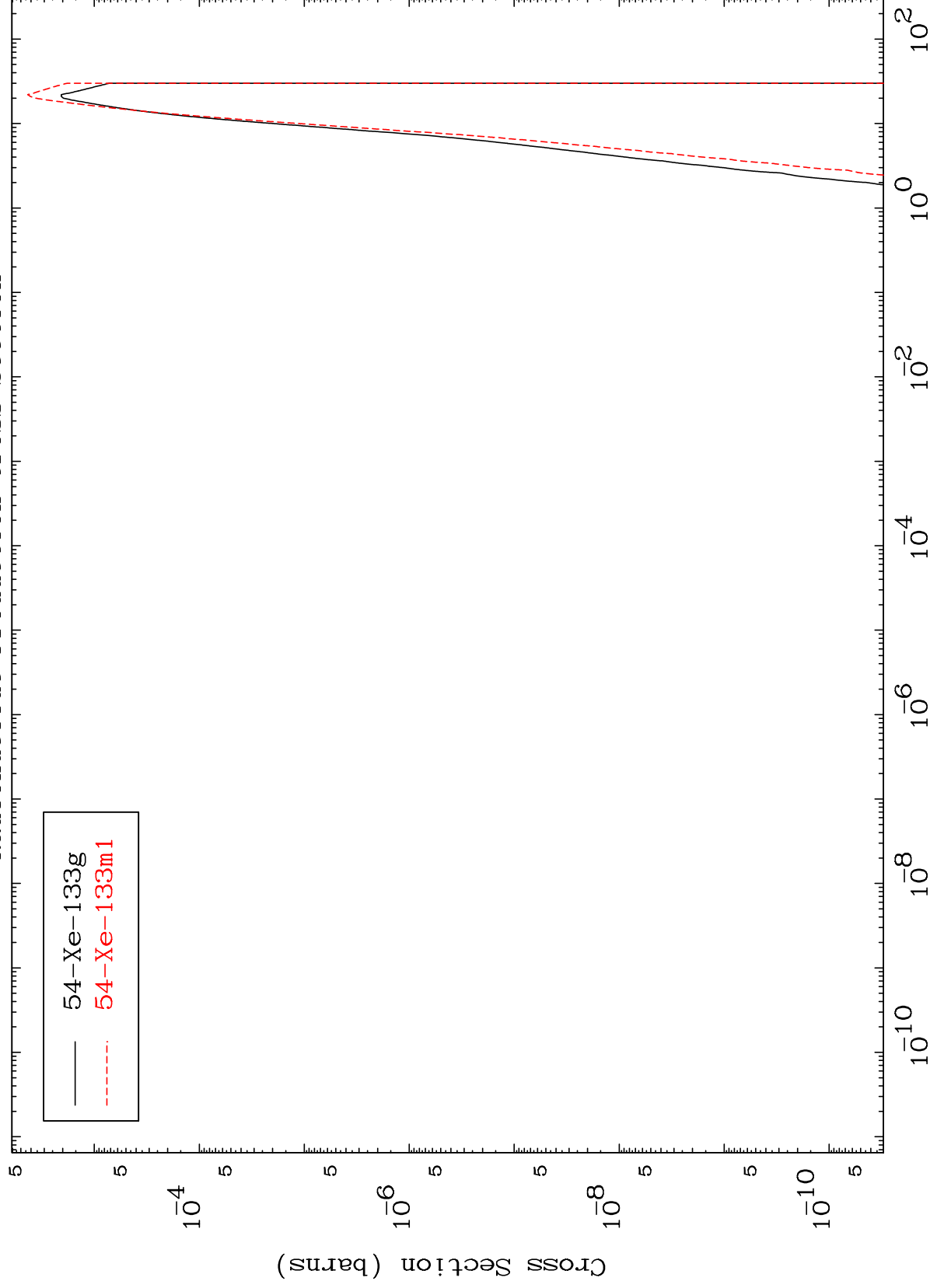
56-Ba-136

MAT 5643

(n, α)

56-Ba-136

Radionuclide Production Cross Section



102

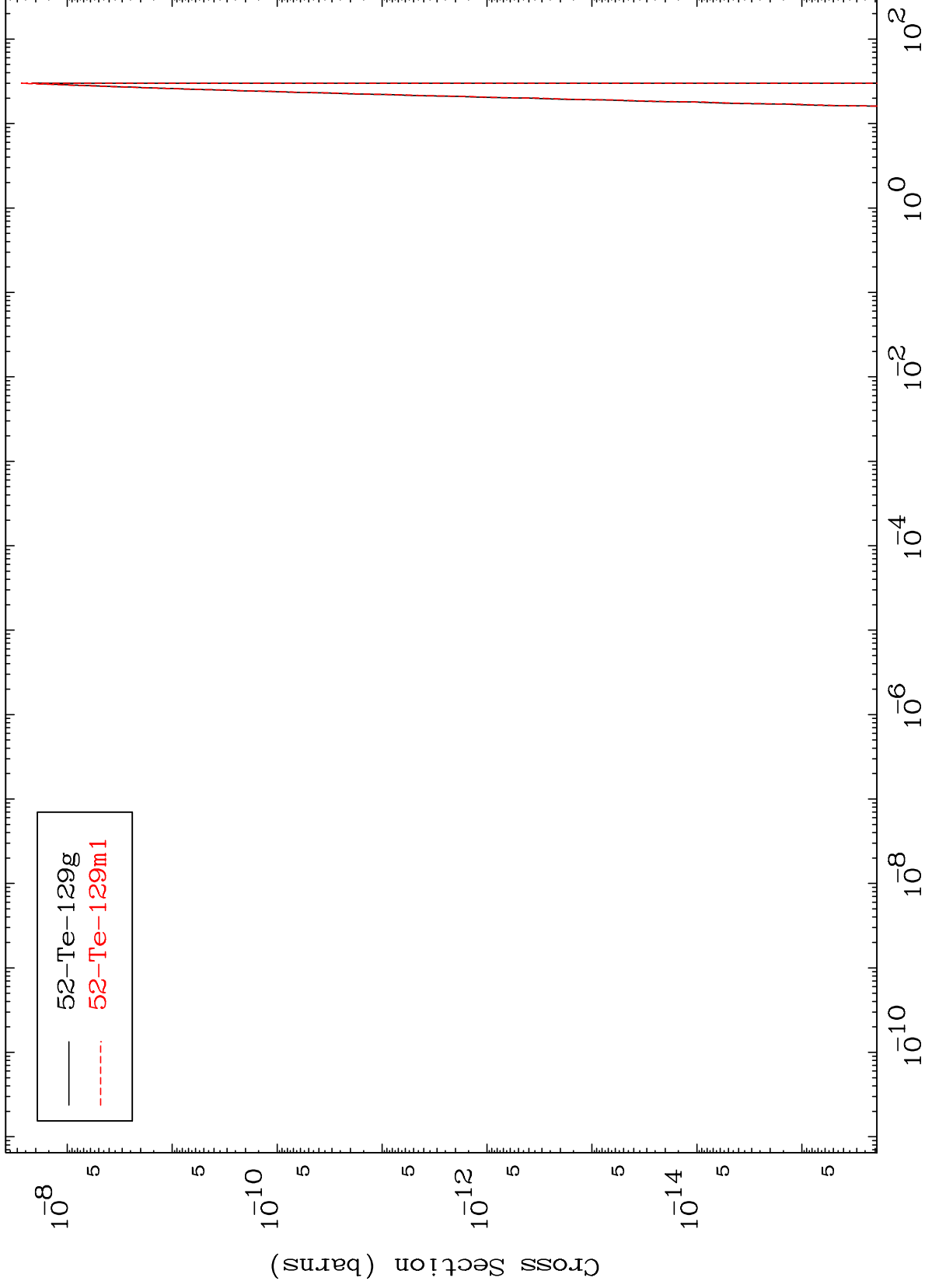
Incident Energy (MeV)

56-Ba-136

MAT 5643

Radionuclide Production Cross Section
(n,2α)

56-Ba-136



103

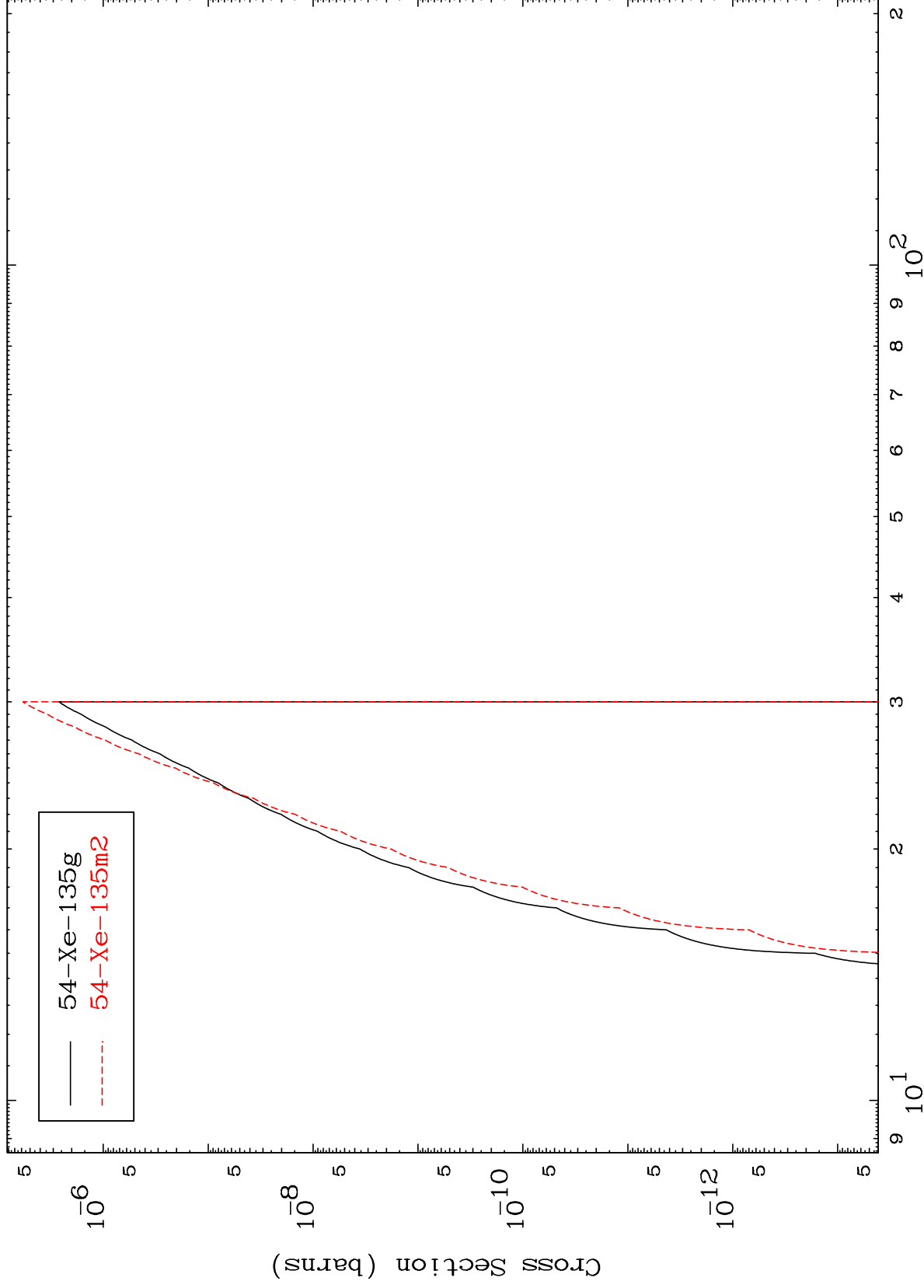
Incident Energy (MeV)

56-Ba-136

MAT 5643

56-Ba-136

Radionuclide Production Cross Section
(n,2p)



104

Incident Energy (MeV)

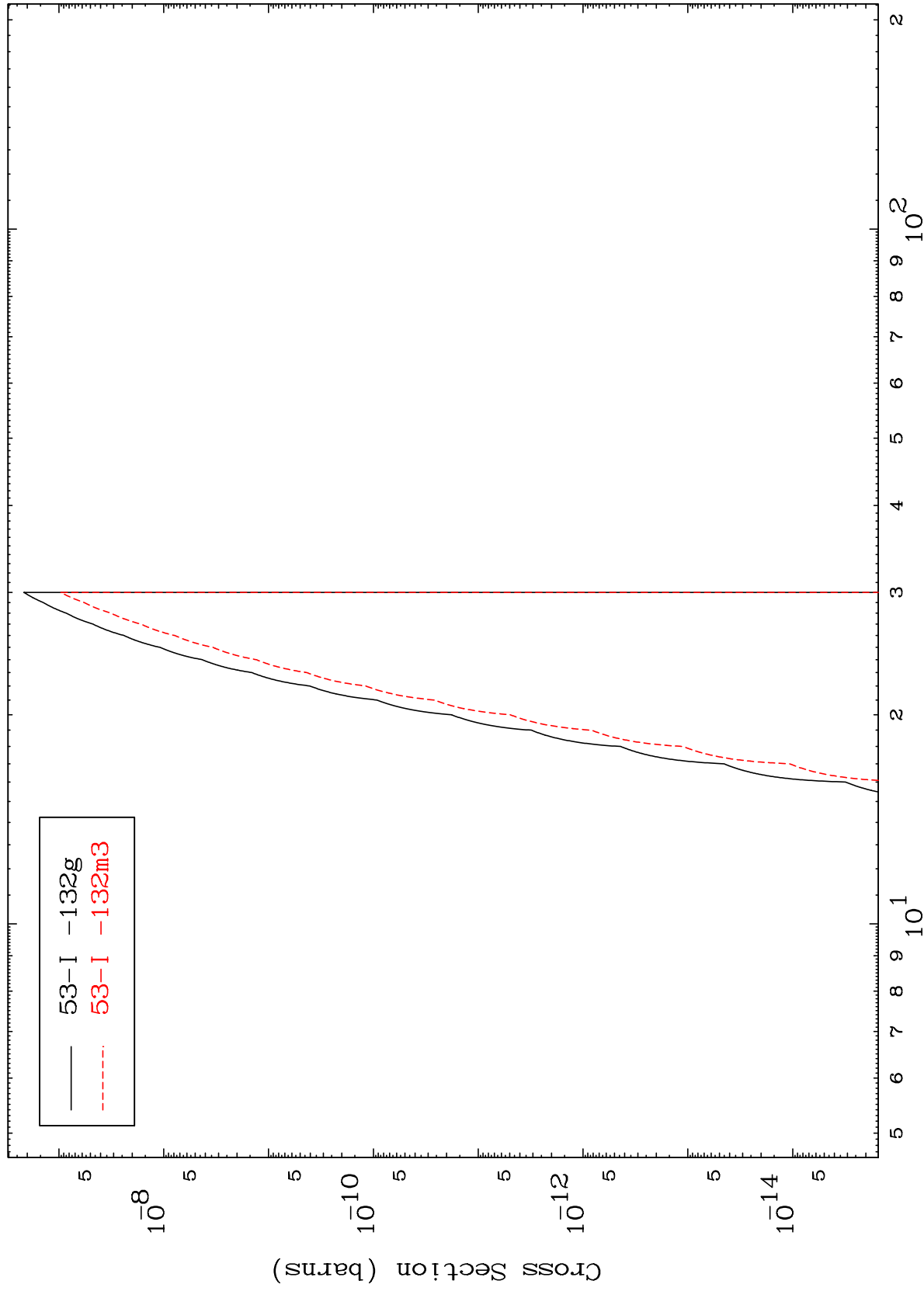
56-Ba-136

MAT 5643

(n,p) α

56-Ba-136

Radionuclide Production Cross Section



105

Incident Energy (MeV)

56-Ba-136

(n,p) d
Radionuclide Production Cross Section

