

Program EVALPLOT  
(Version 2021-1)

by

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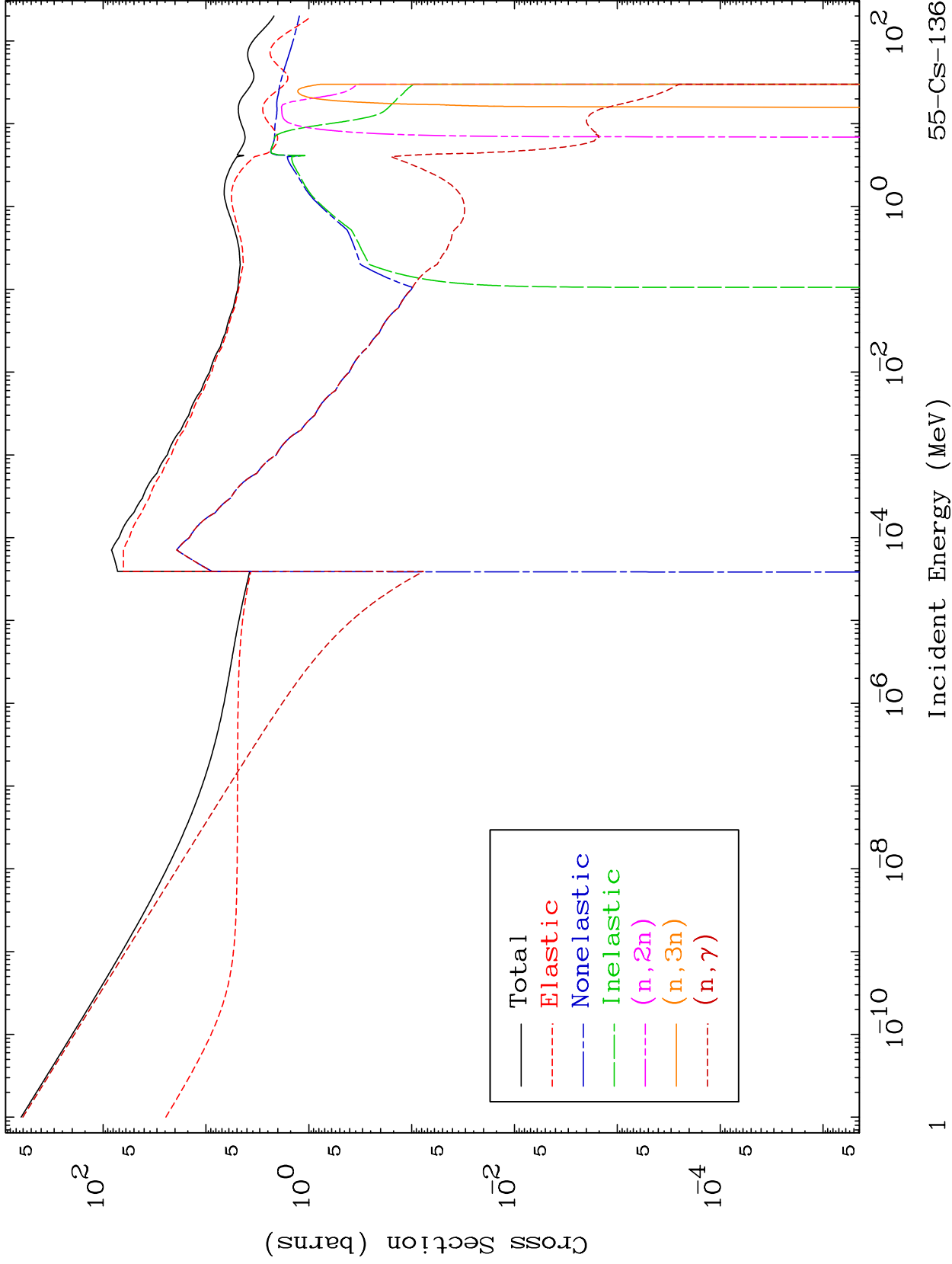
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5534

Neutron Major  
293 Kelvin Cross Sections

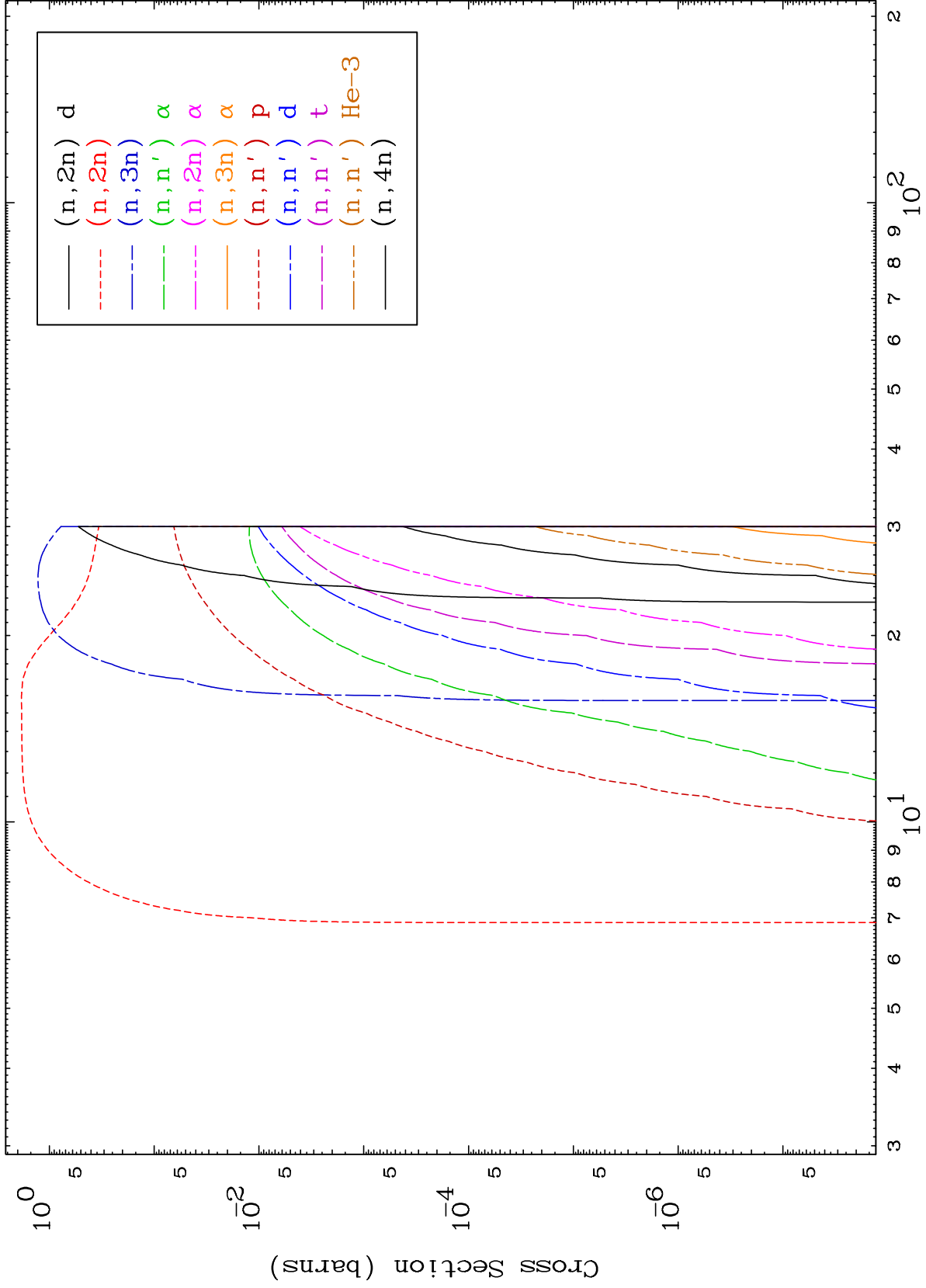
55-Cs-136



MAT 5534

Neutron Absorption  
293 Kelvin Cross Sections

55-Cs-136



55-Cs-136

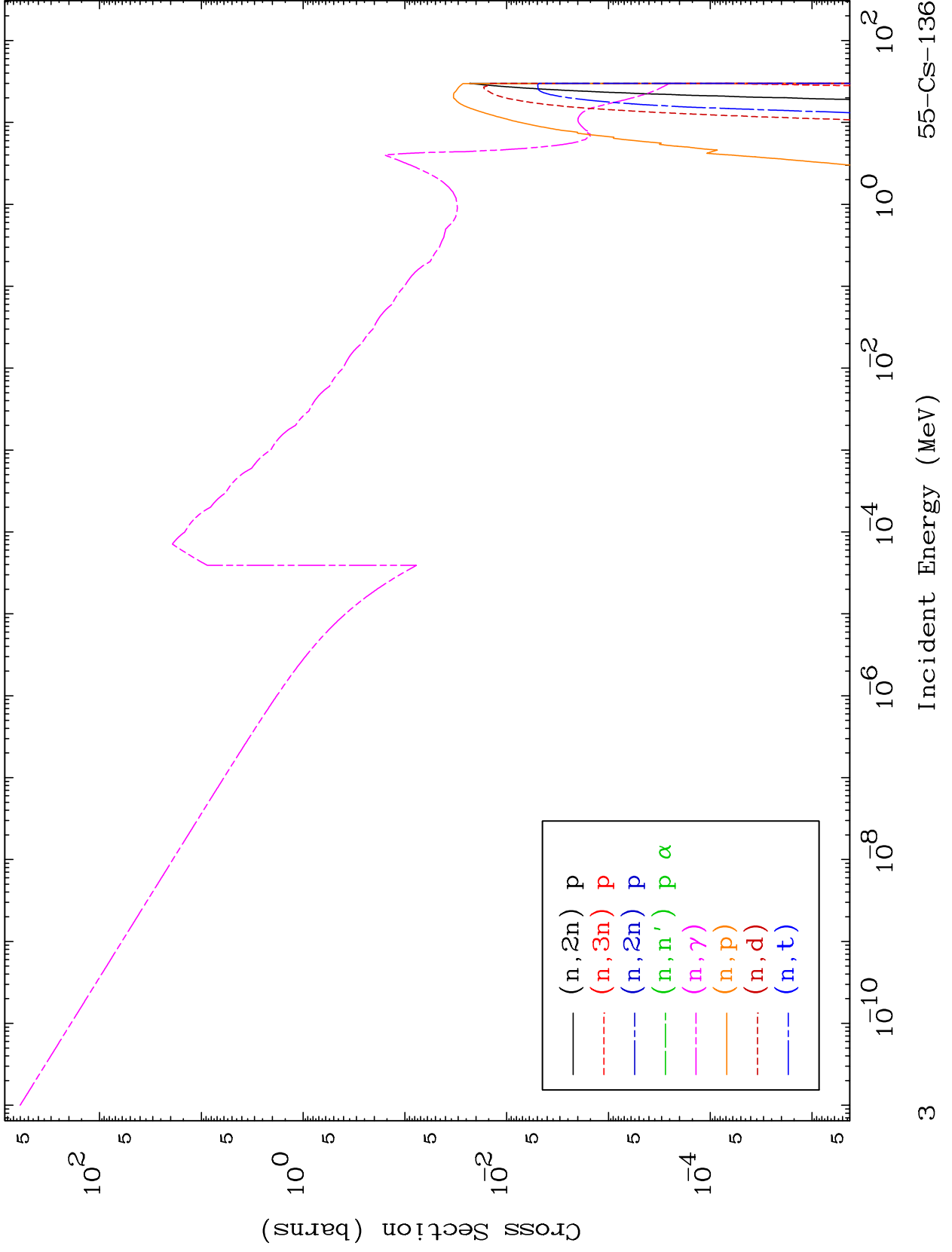
Incident Energy (MeV)

2

MAT 5534

Neutron Absorption  
293 Kelvin Cross Sections

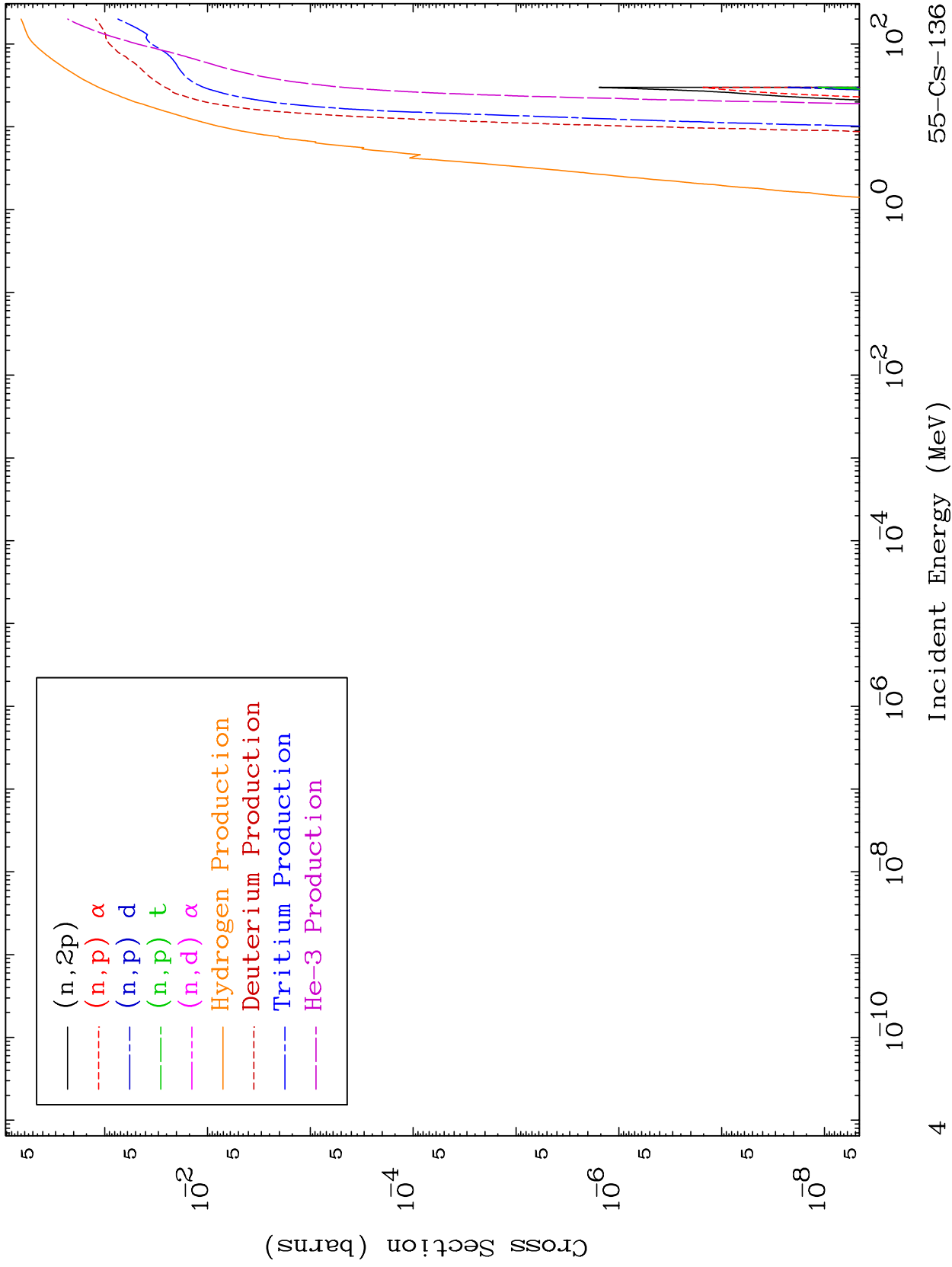
55-Cs-136



MAT 5534

Neutron Absorption  
293 Kelvin Cross Sections

55-Cs-136

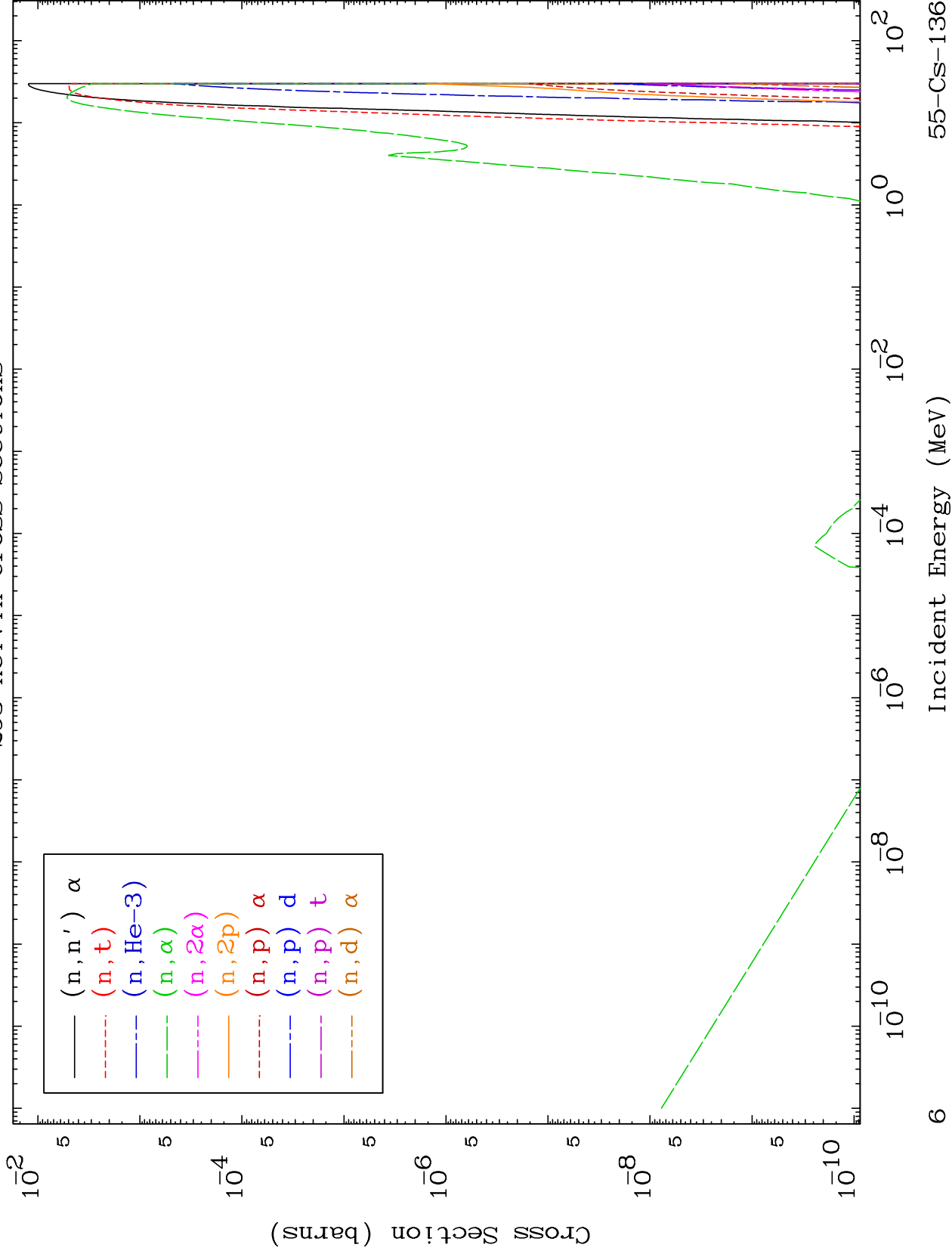


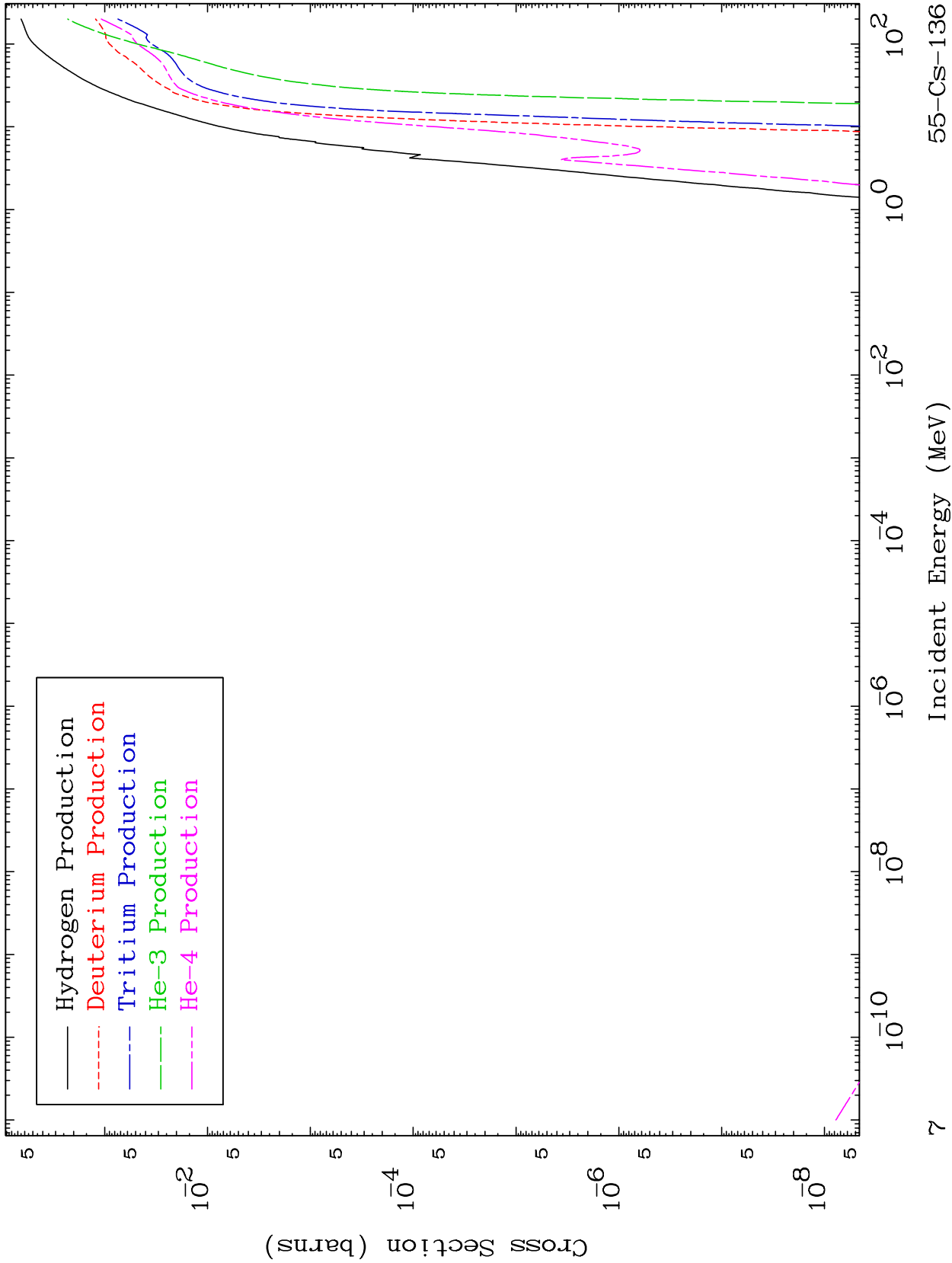


MAT 5534

Charged Particle  
293 Kelvin Cross Sections

55-Cs-136



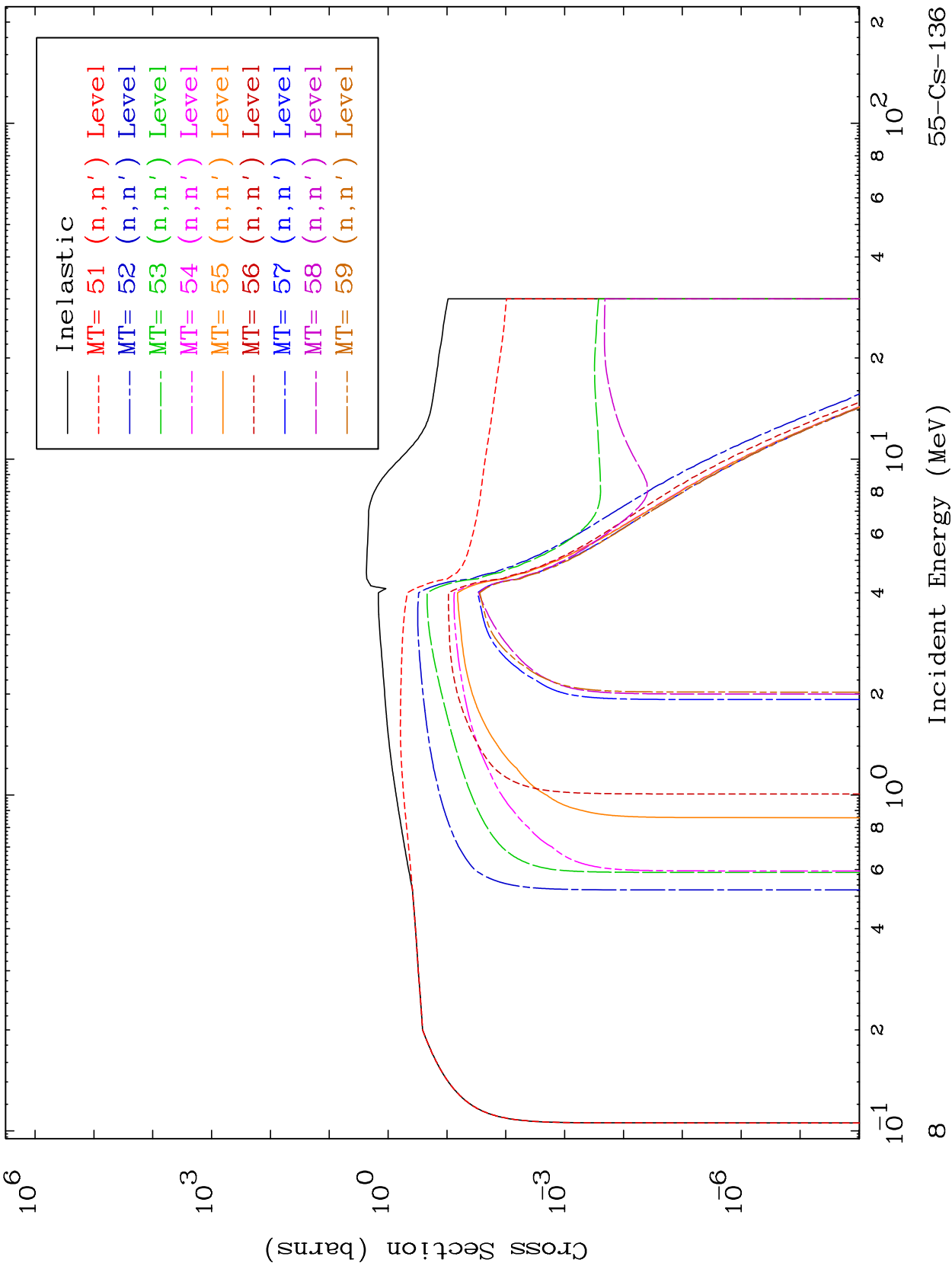


MAT 5534

(n,n') Levels

55-Cs-136

293 Kelvin Cross Sections



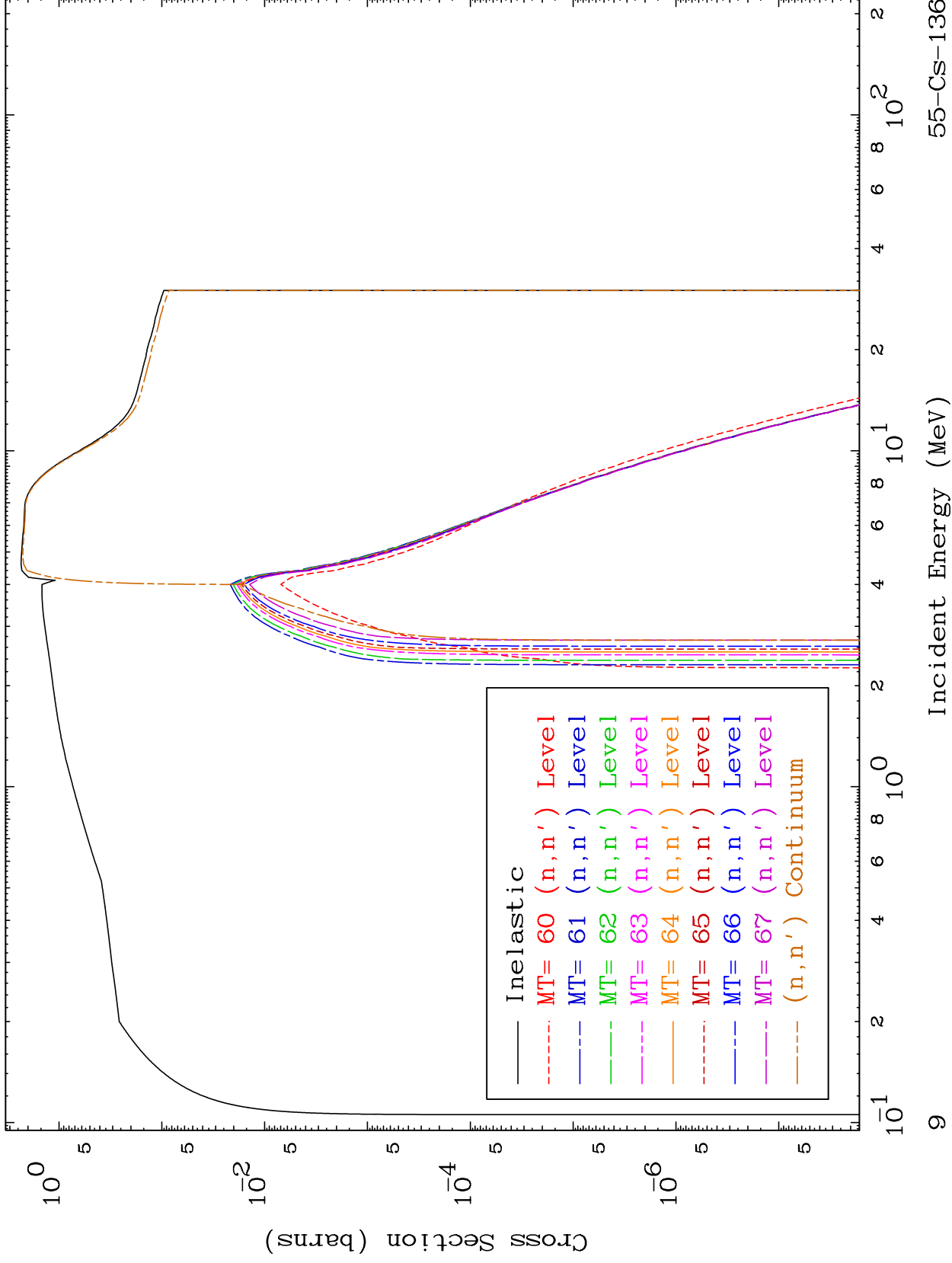
Incident Energy (MeV)

55-Cs-136

MAT 5534

(n,n') Levels  
293 Kelvin Cross Sections

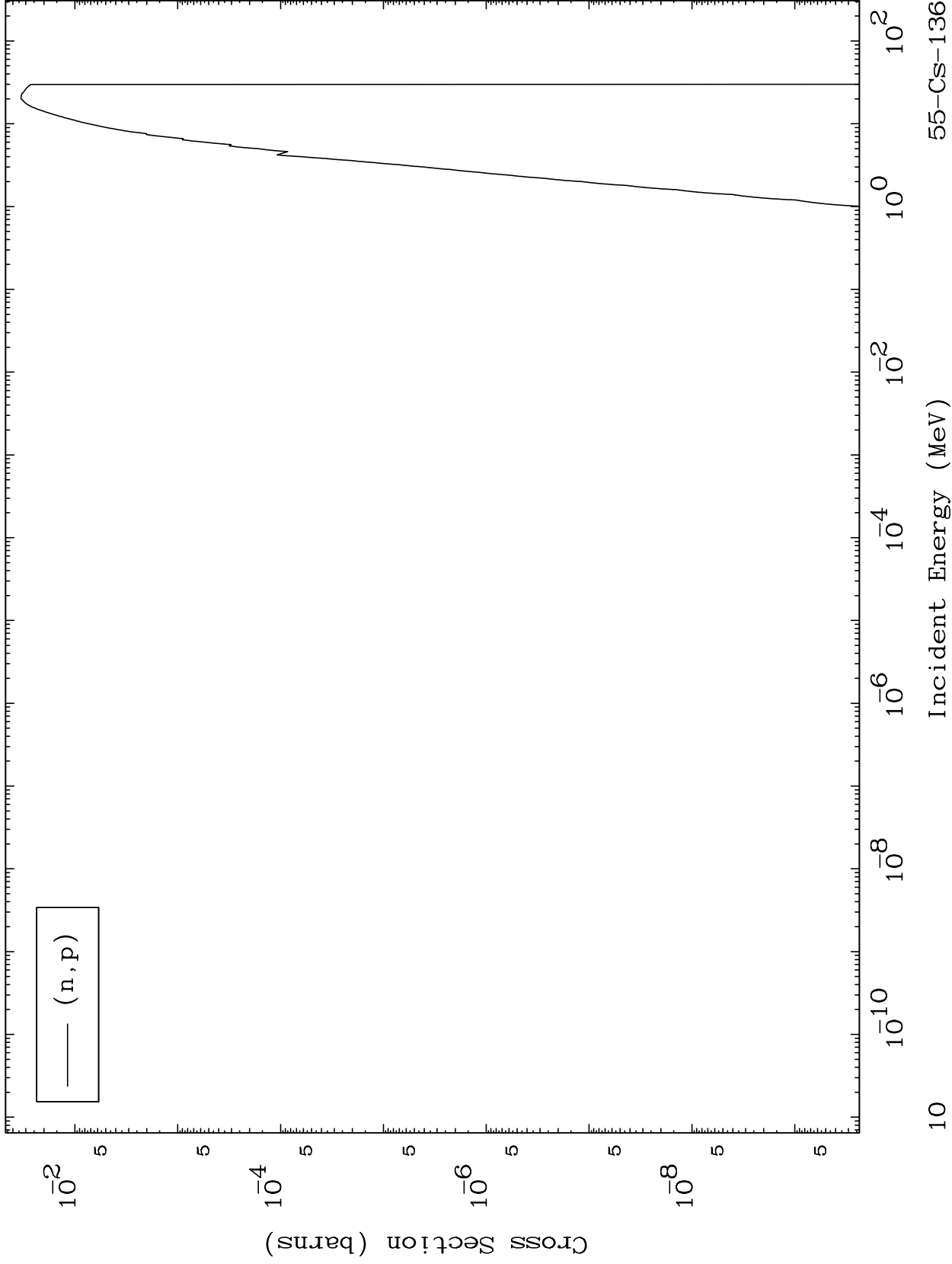
55-Cs-136



MAT 5534

(n,p) Levels  
293 Kelvin Cross Sections

55-Cs-136



10

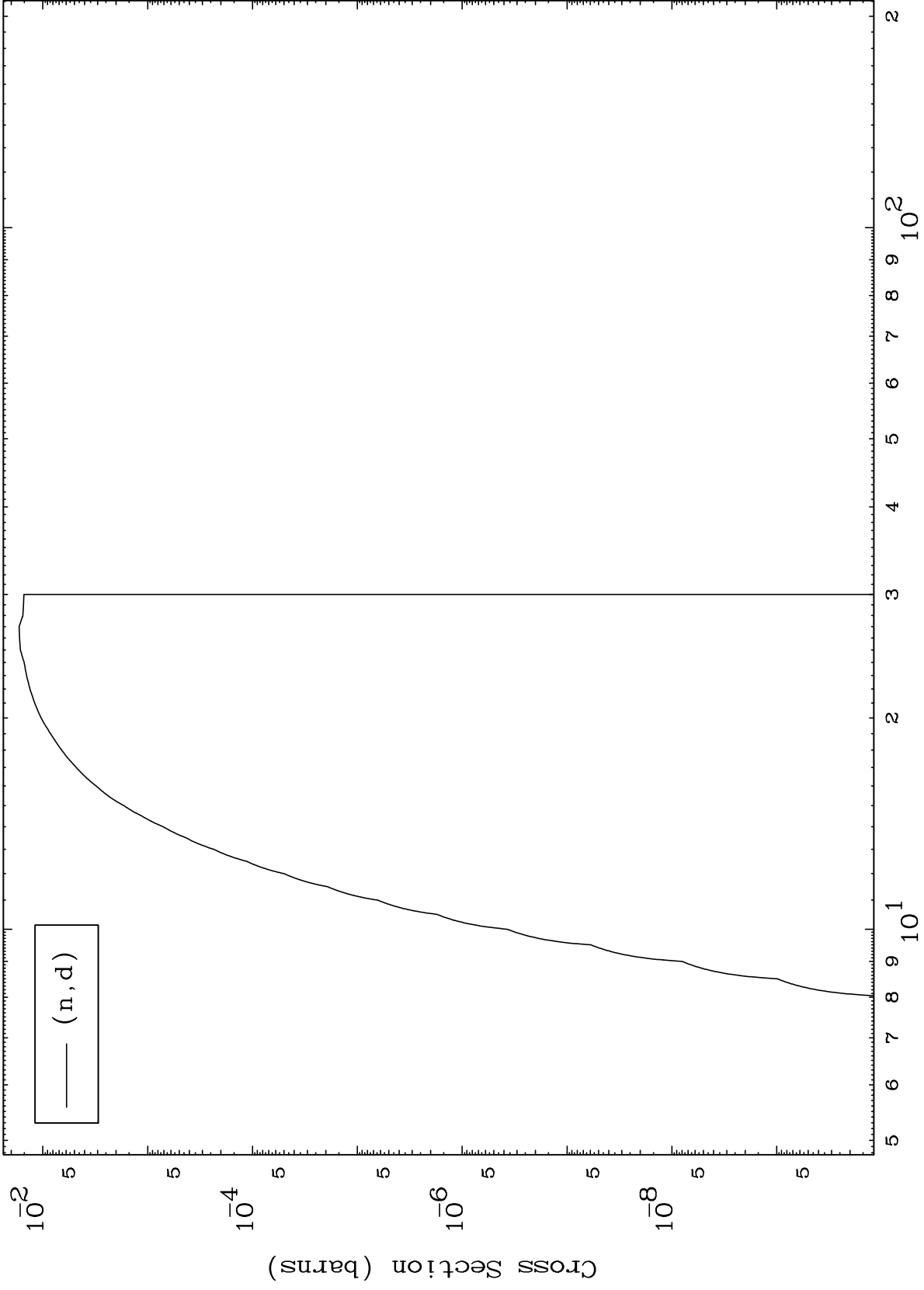
Incident Energy (MeV)

55-Cs-136

MAT 5534

(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-136



11

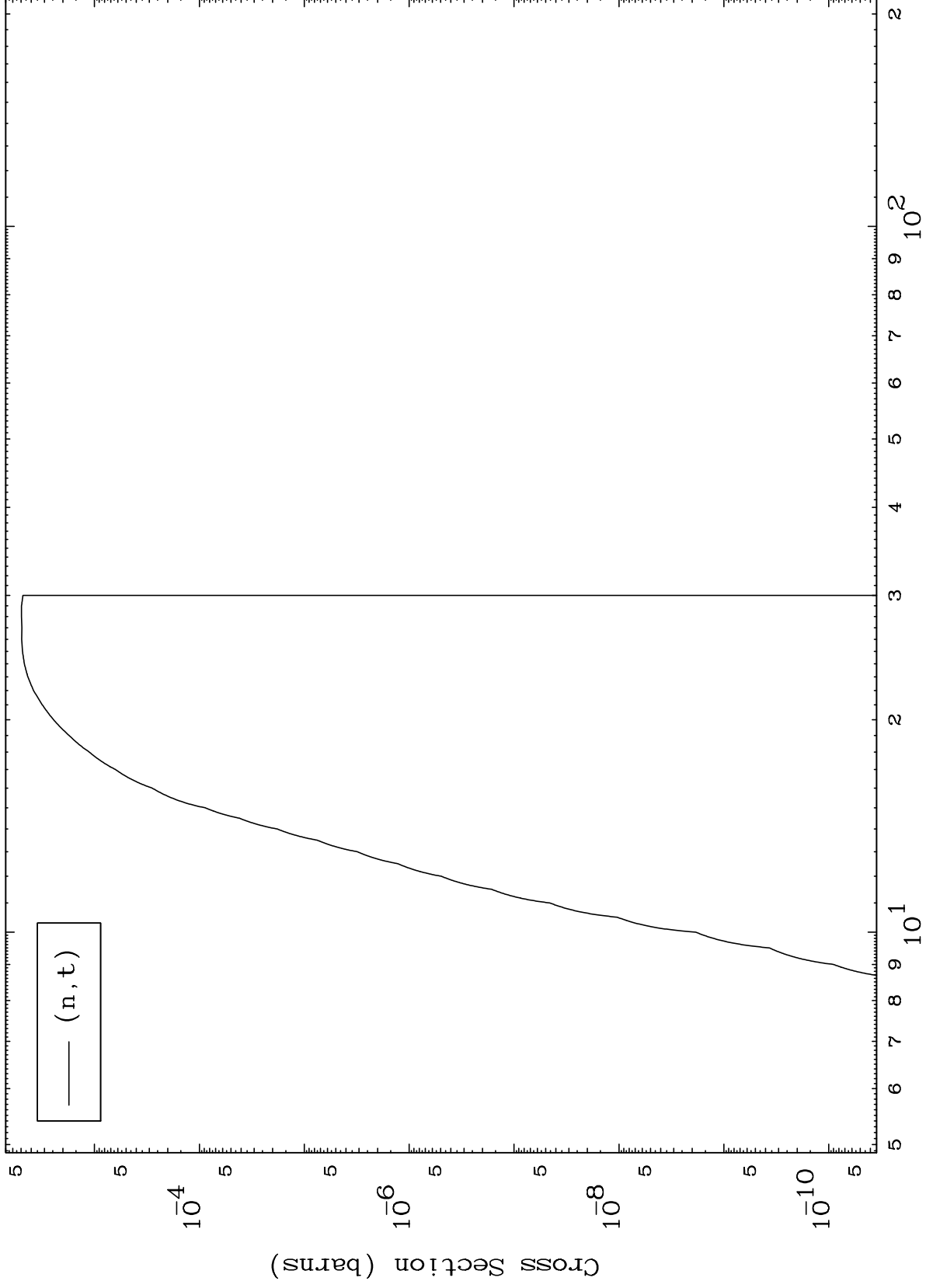
Incident Energy (MeV)

55-Cs-136

MAT 5534

(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-136



12

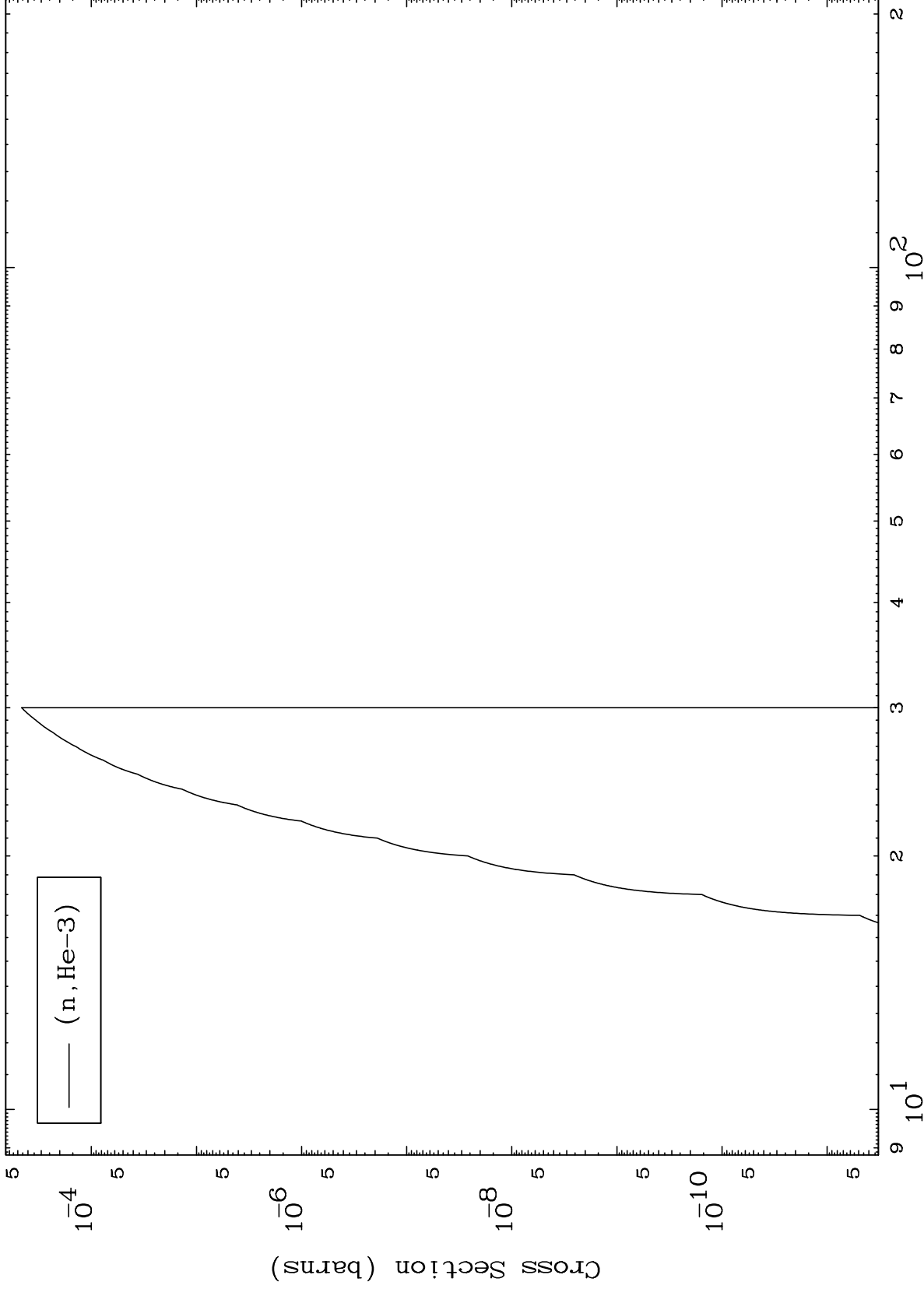
Incident Energy (MeV)

55-Cs-136

MAT 5534

(n,He3) Levels  
293 Kelvin Cross Sections

55-Cs-136



13

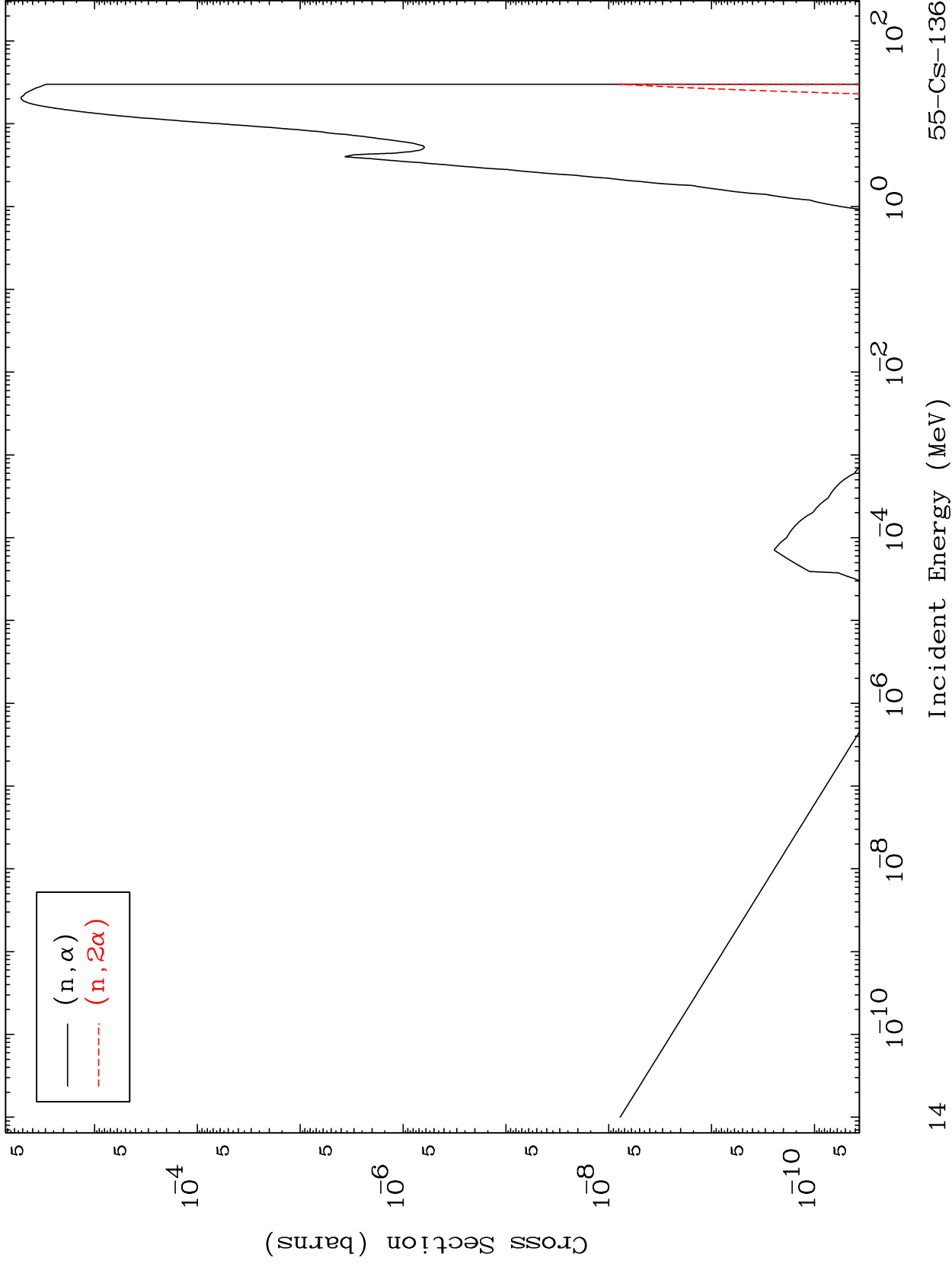
Incident Energy (MeV)

55-Cs-136

MAT 5534

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

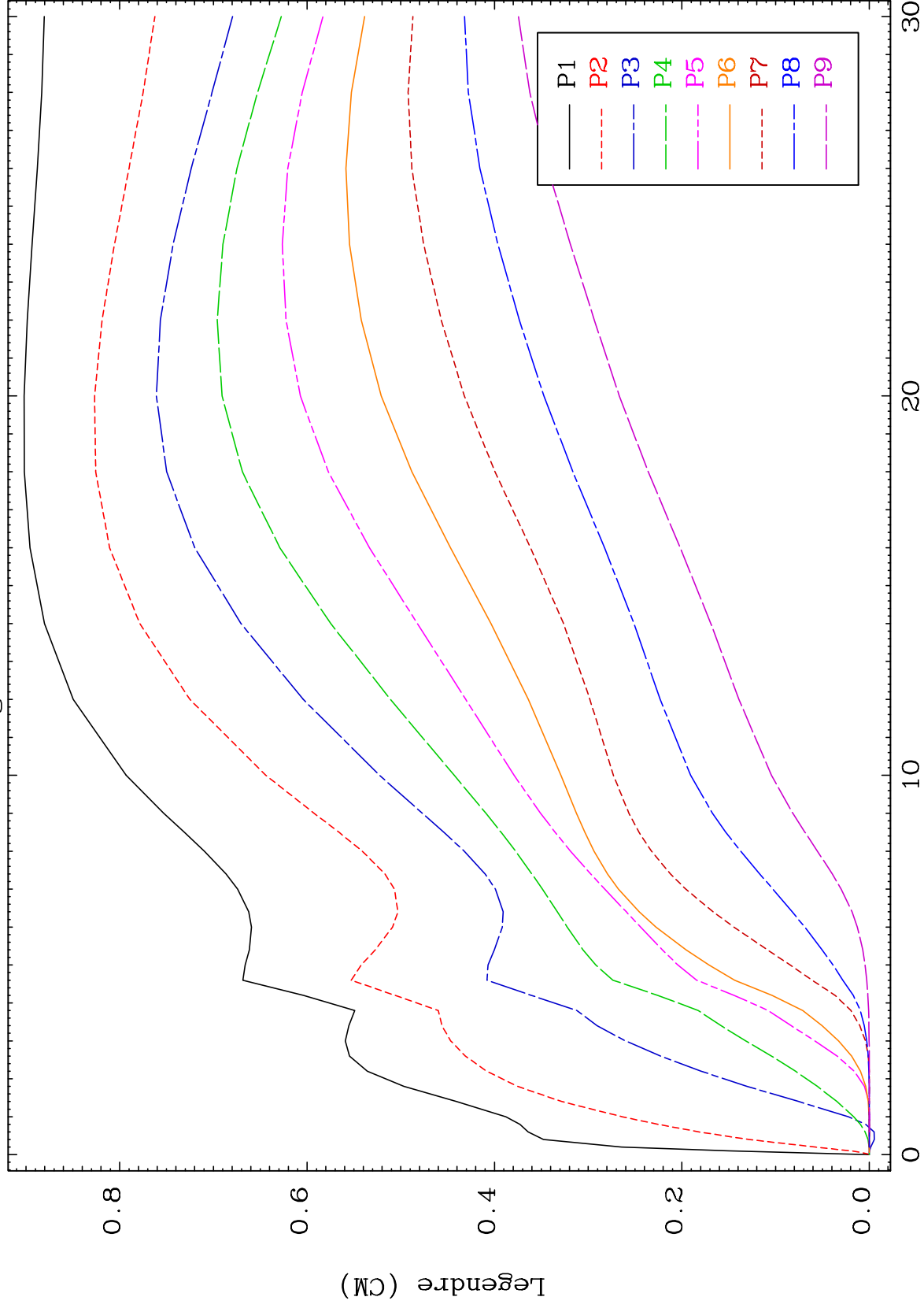
55-Cs-136



MAT 5534

Elastic Legendre Coefficients

55-Cs-136



15

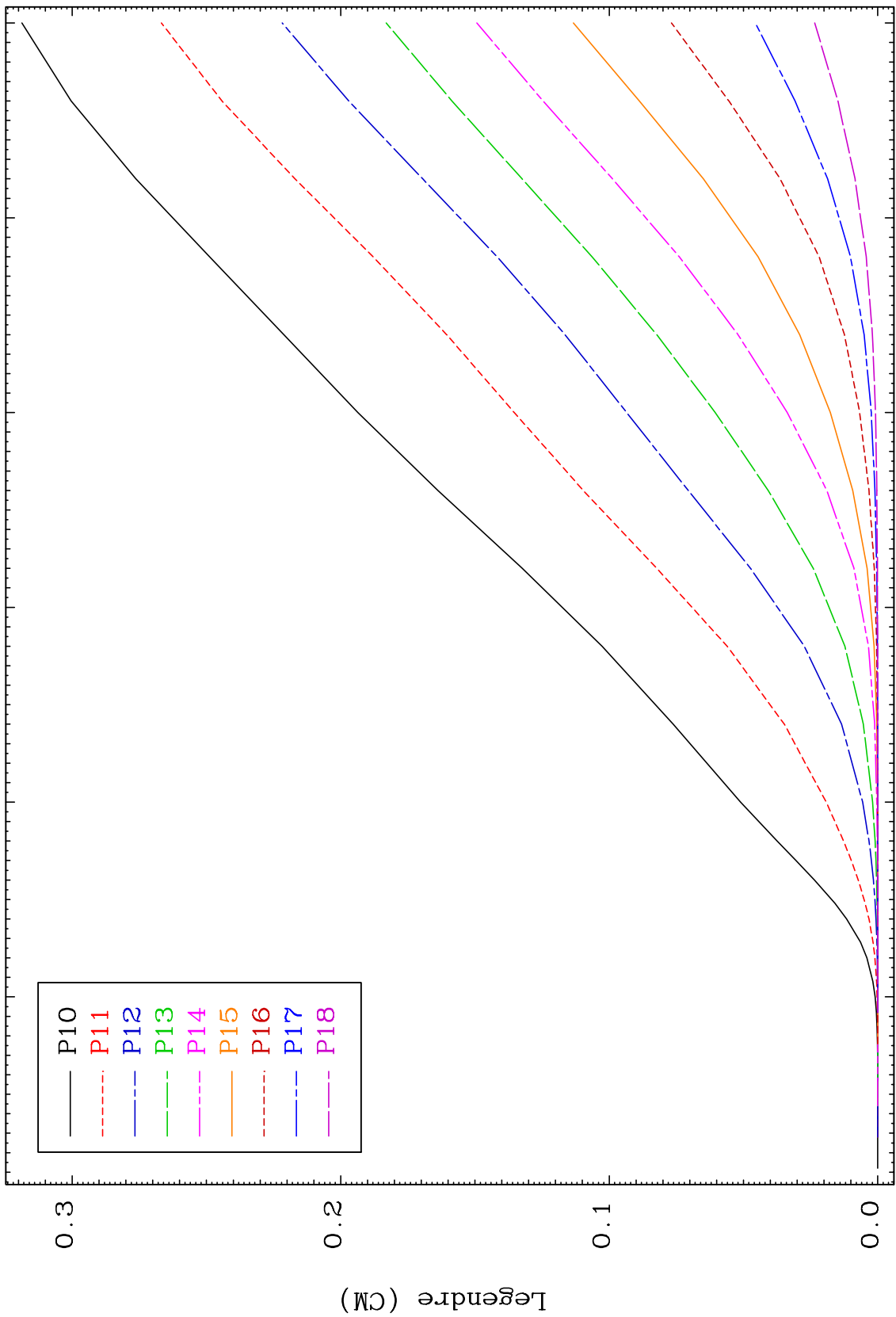
Incident Energy (MeV)

55-Cs-136

MAT 5534

Elastic Legendre Coefficients

55-Cs-136



16

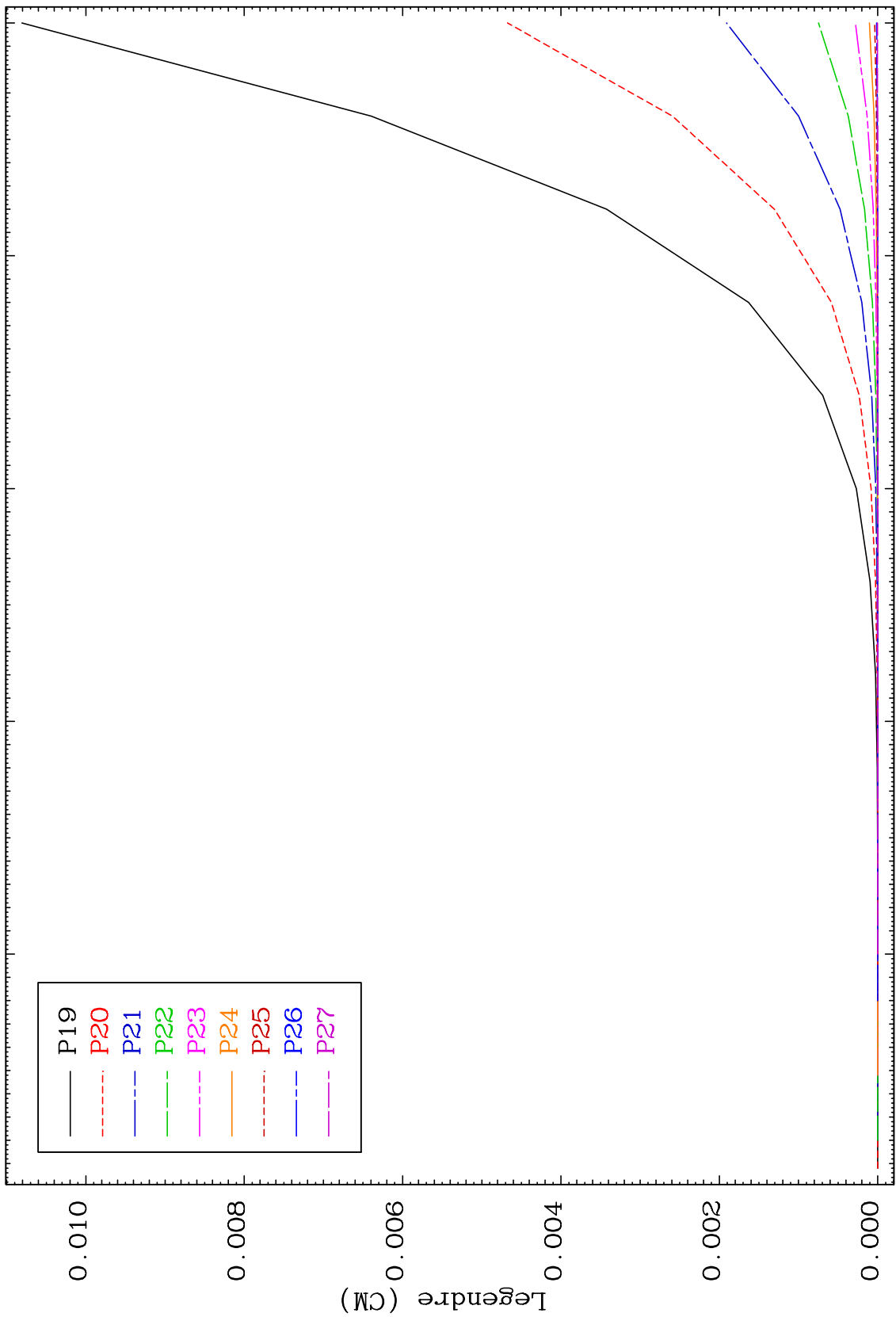
Incident Energy (MeV)

55-Cs-136

MAT 5534

Elastic Legendre Coefficients

55-Cs-136



17

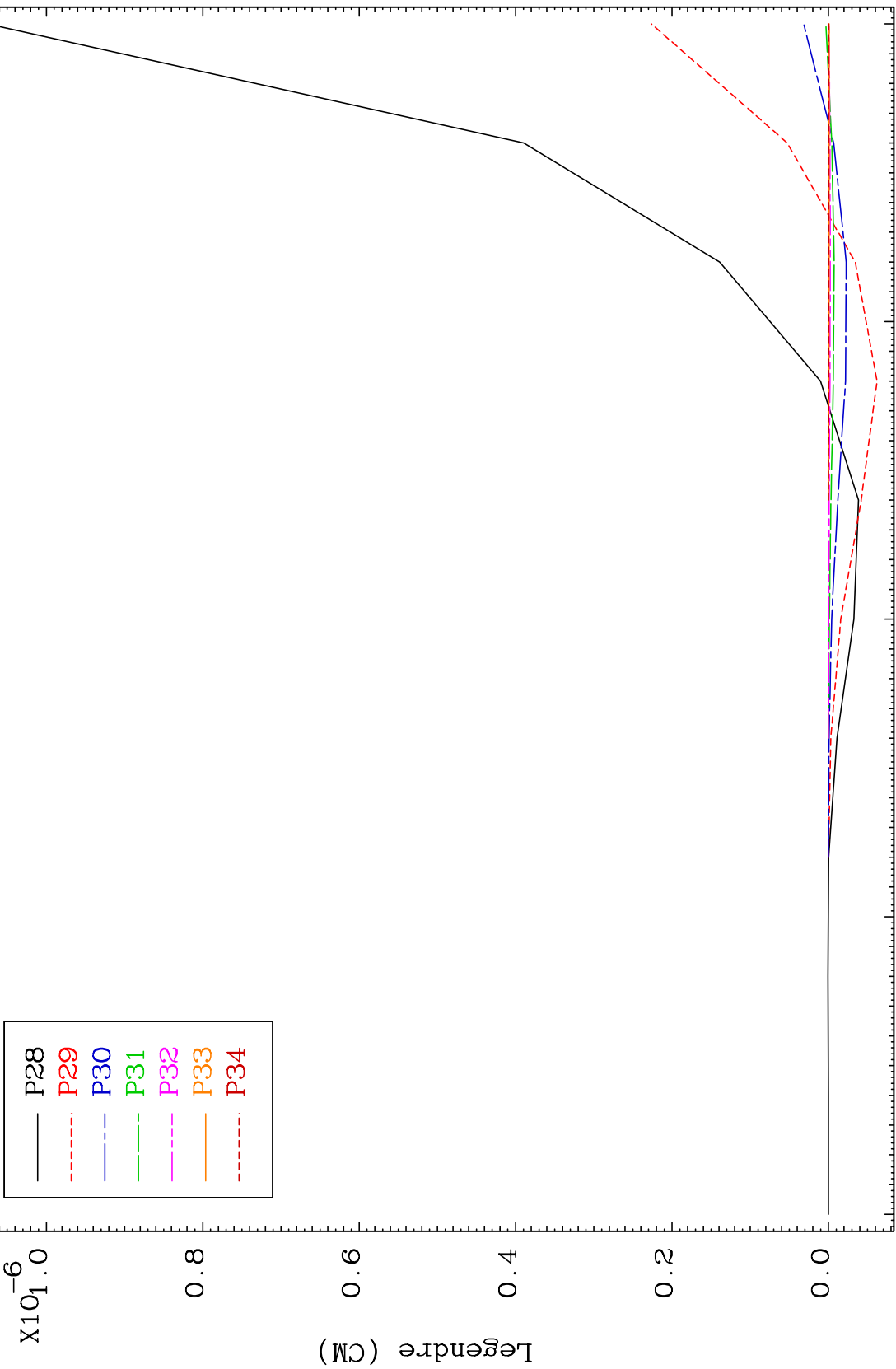
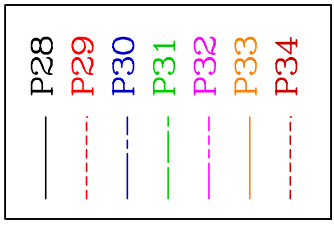
Incident Energy (MeV)

55-Cs-136

MAT 5534

Elastic Legendre Coefficients

55-Cs-136



18

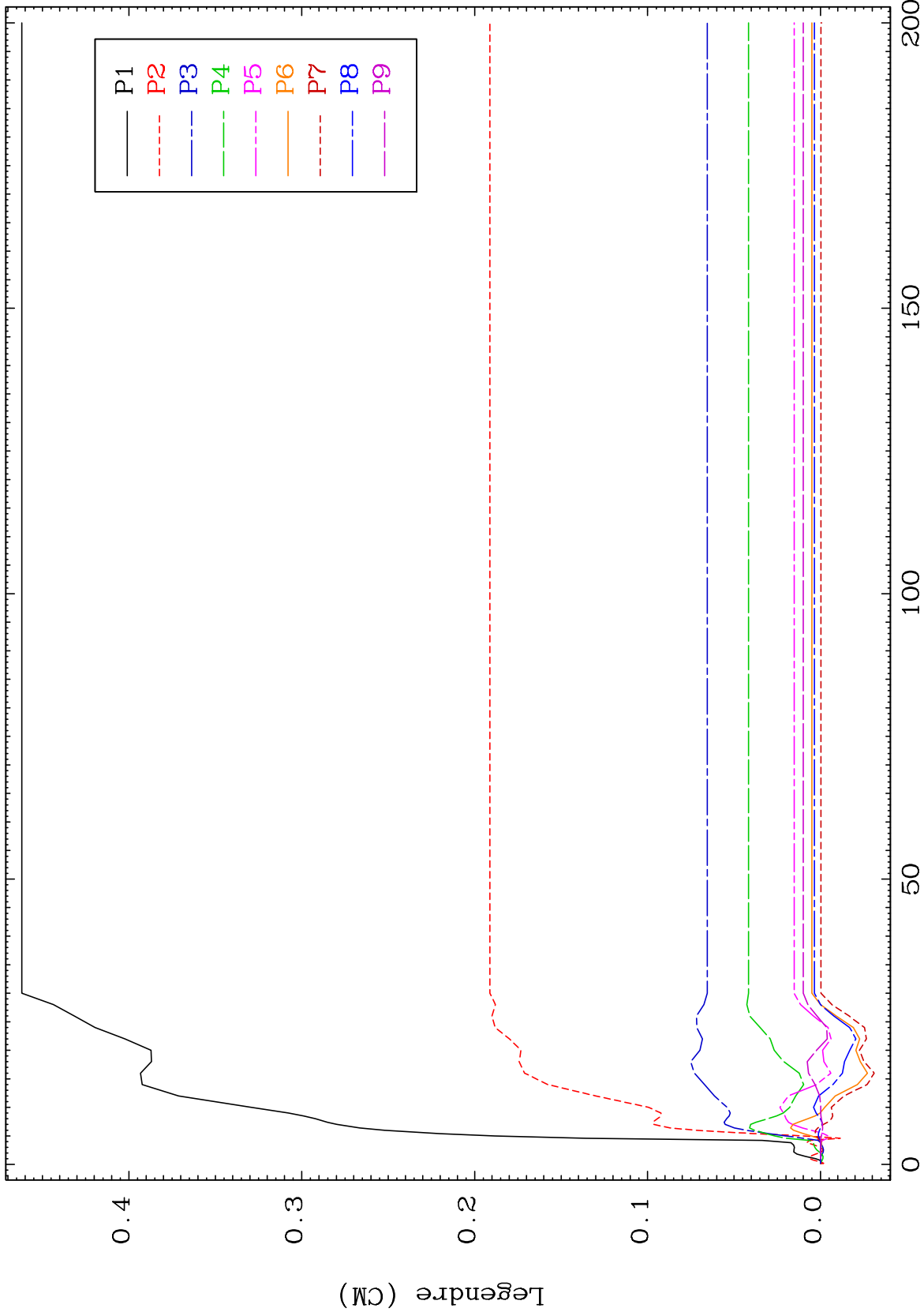
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



19

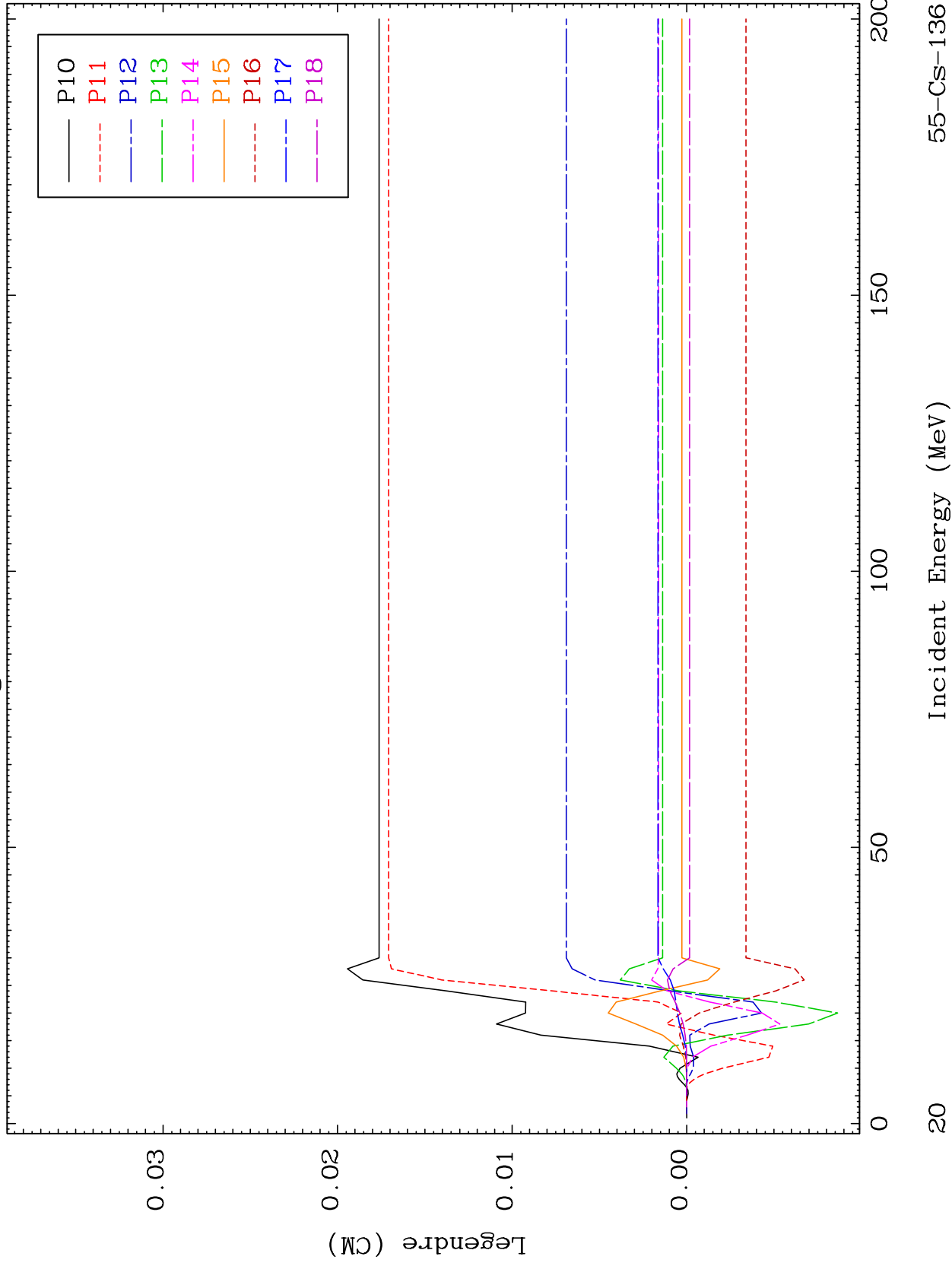
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



55-Cs-136

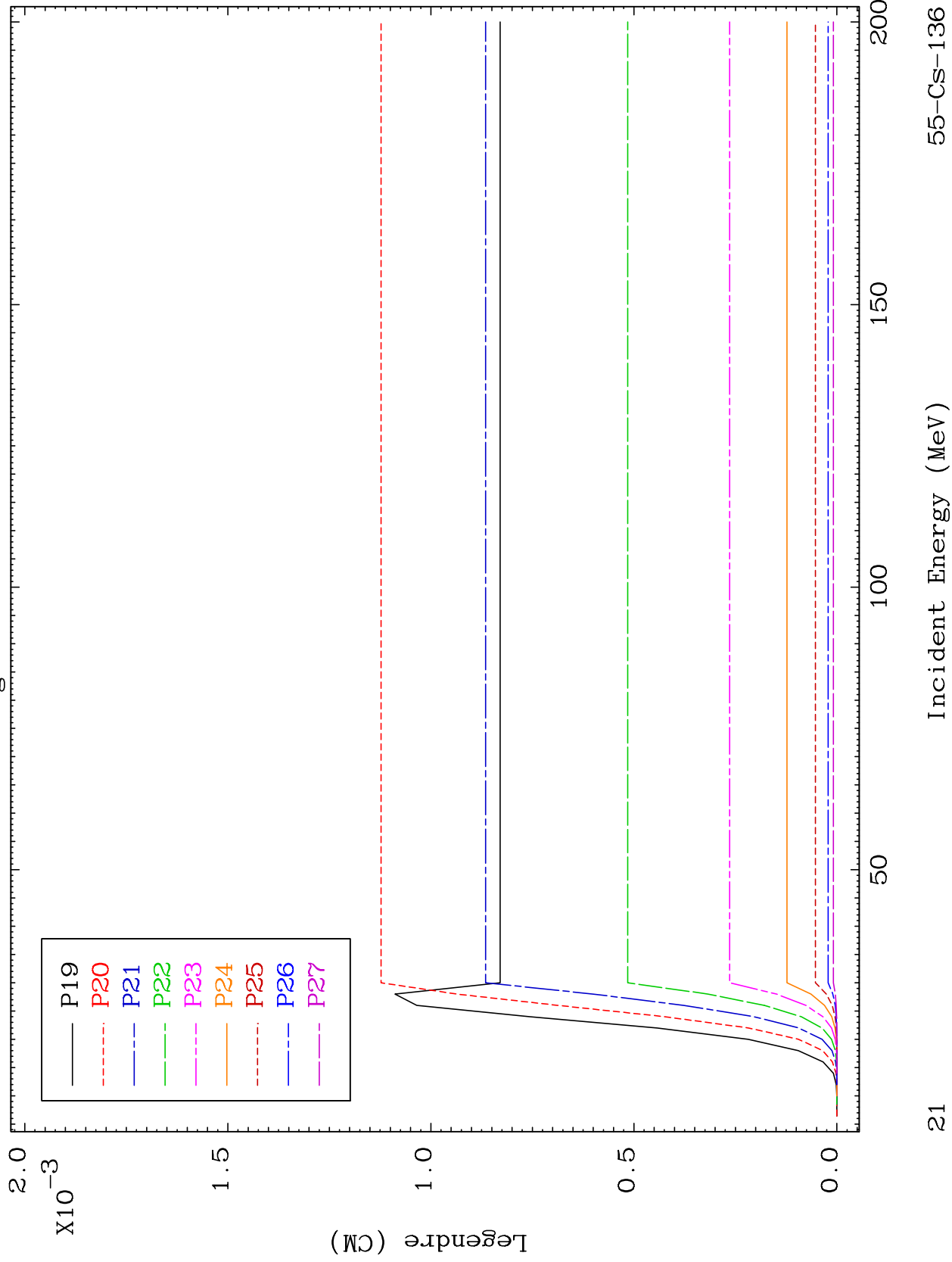
Incident Energy (MeV)

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MAT 5534

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

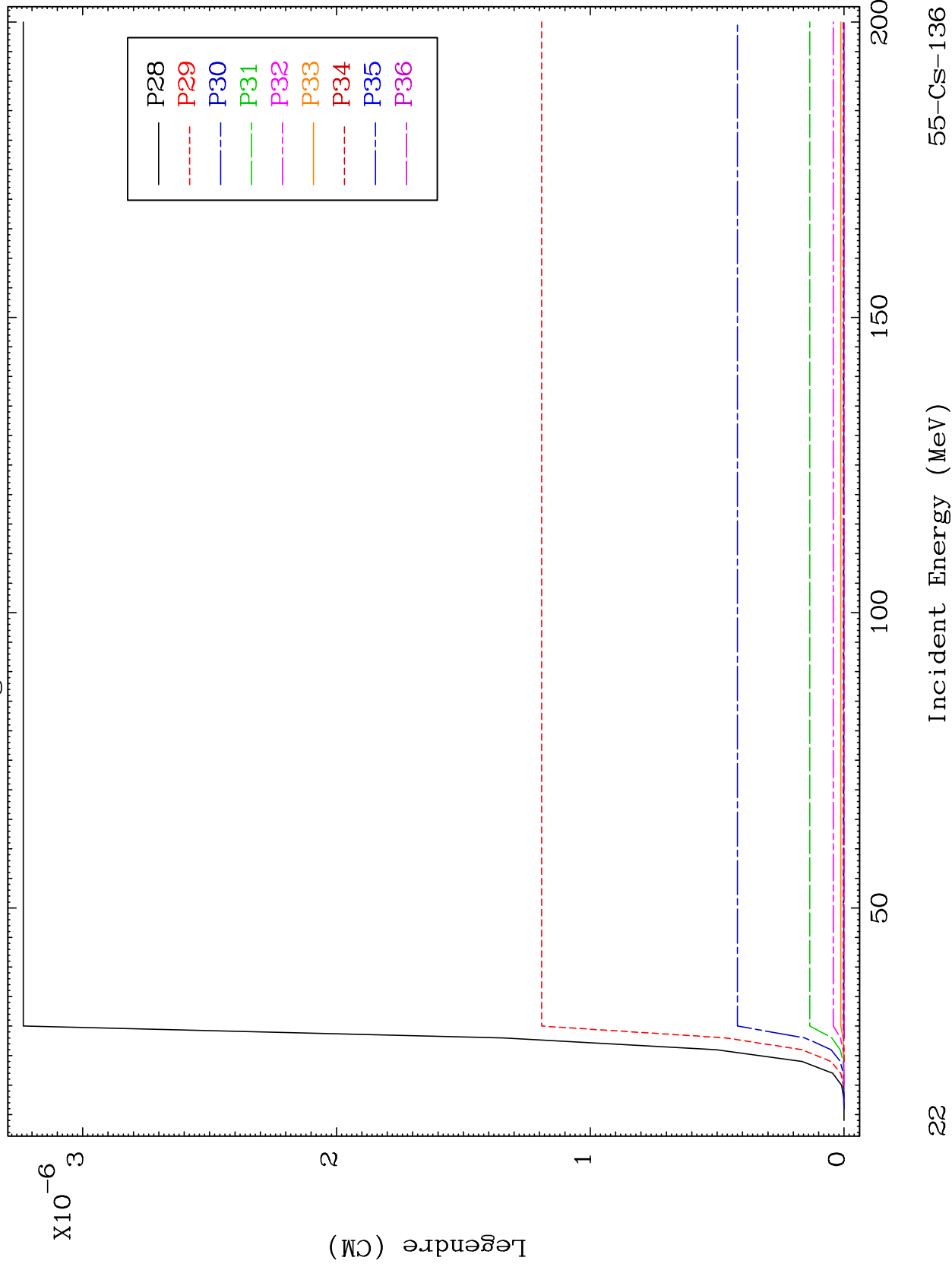
55-Cs-136



MAT 5534

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

55-Cs-136



22

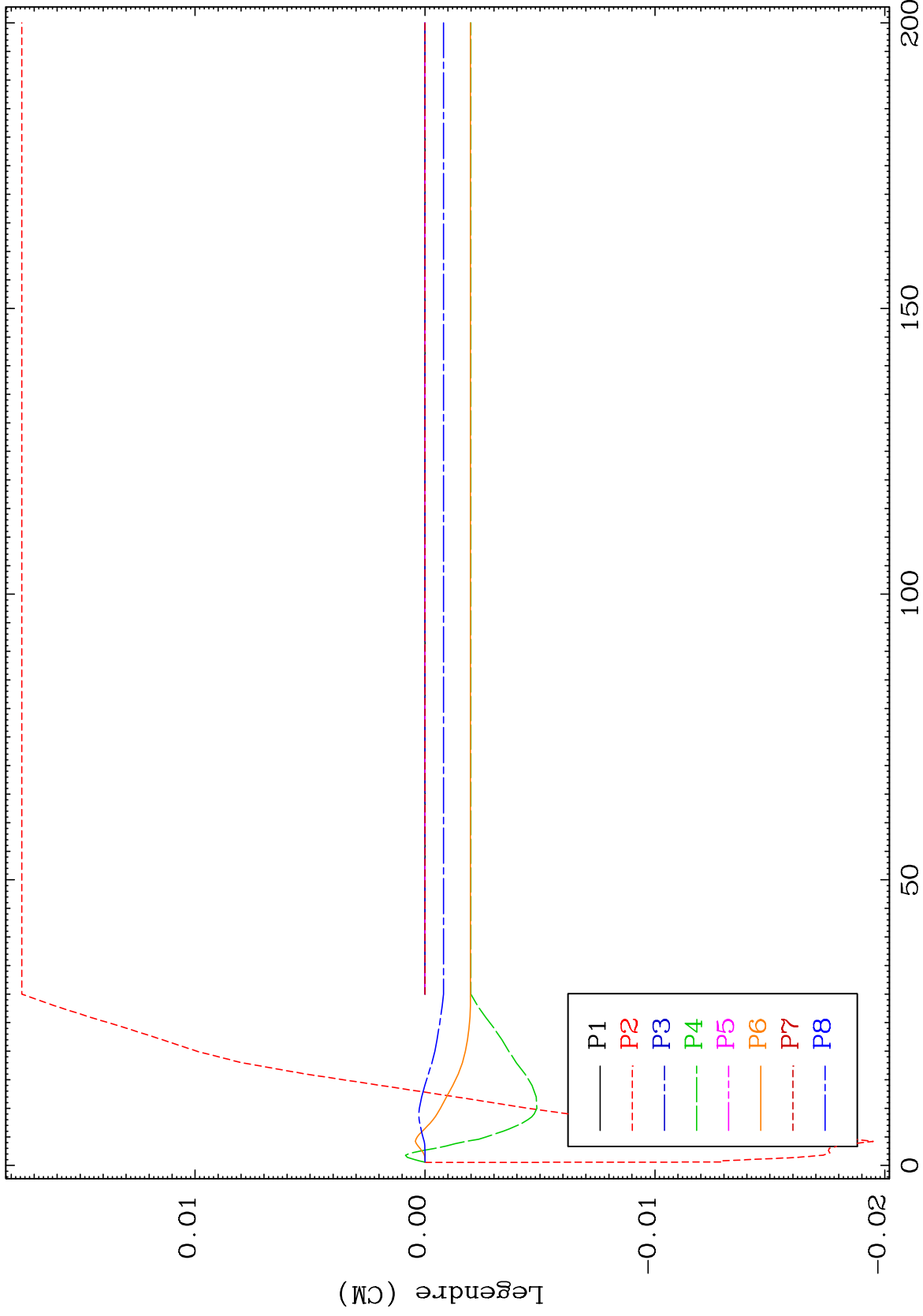
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



23

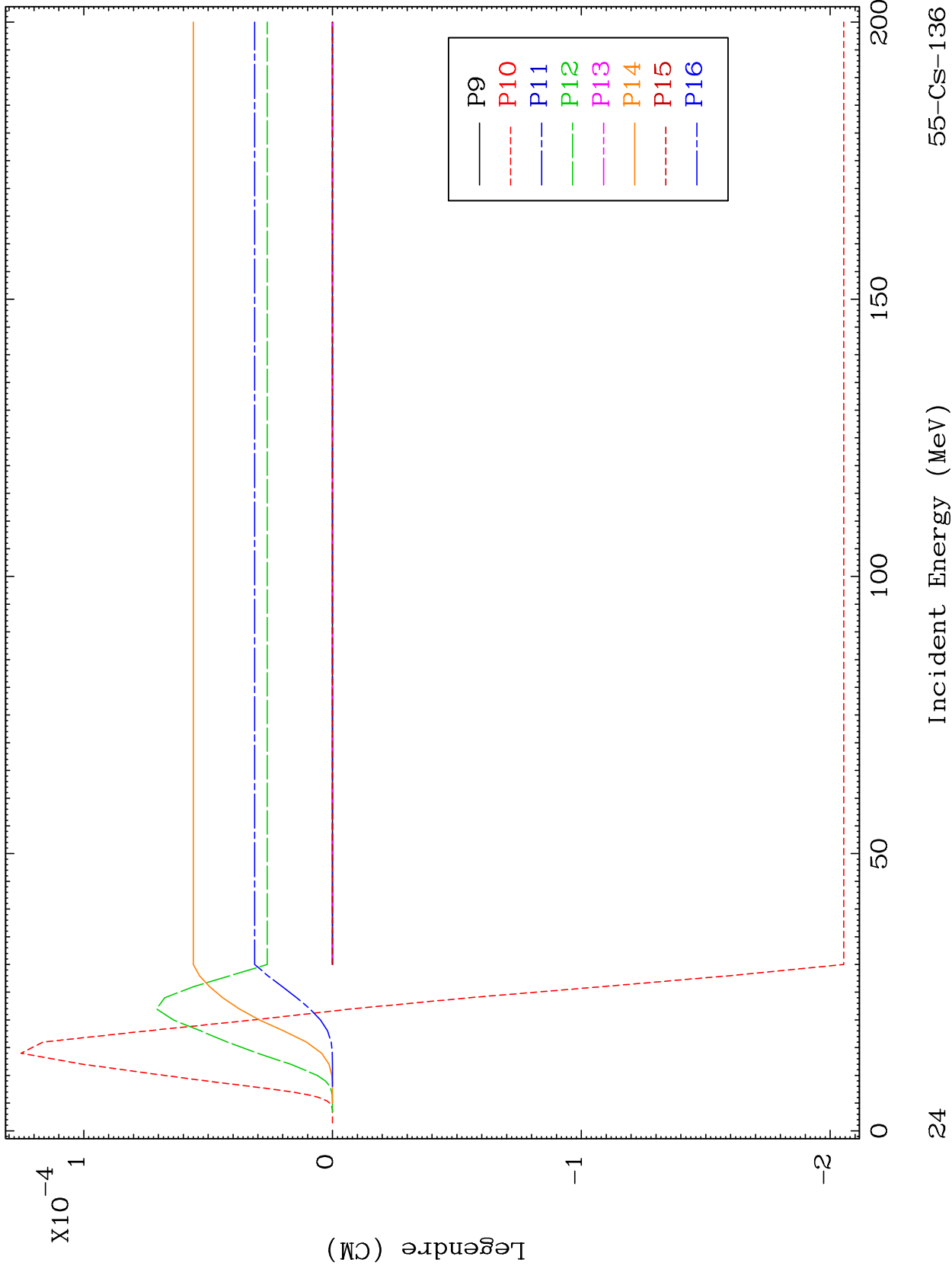
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

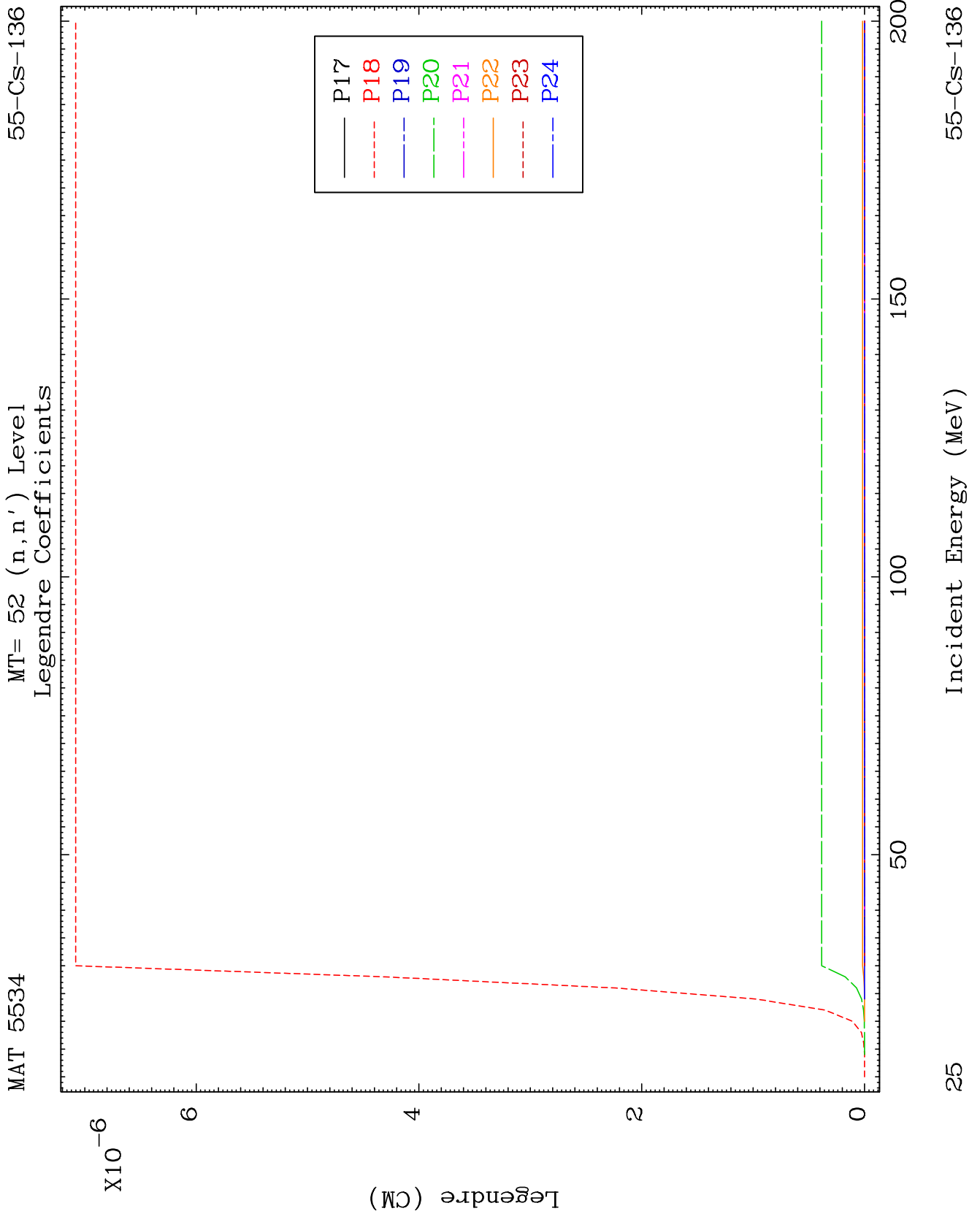
55-Cs-136



55-Cs-136

Incident Energy (MeV)

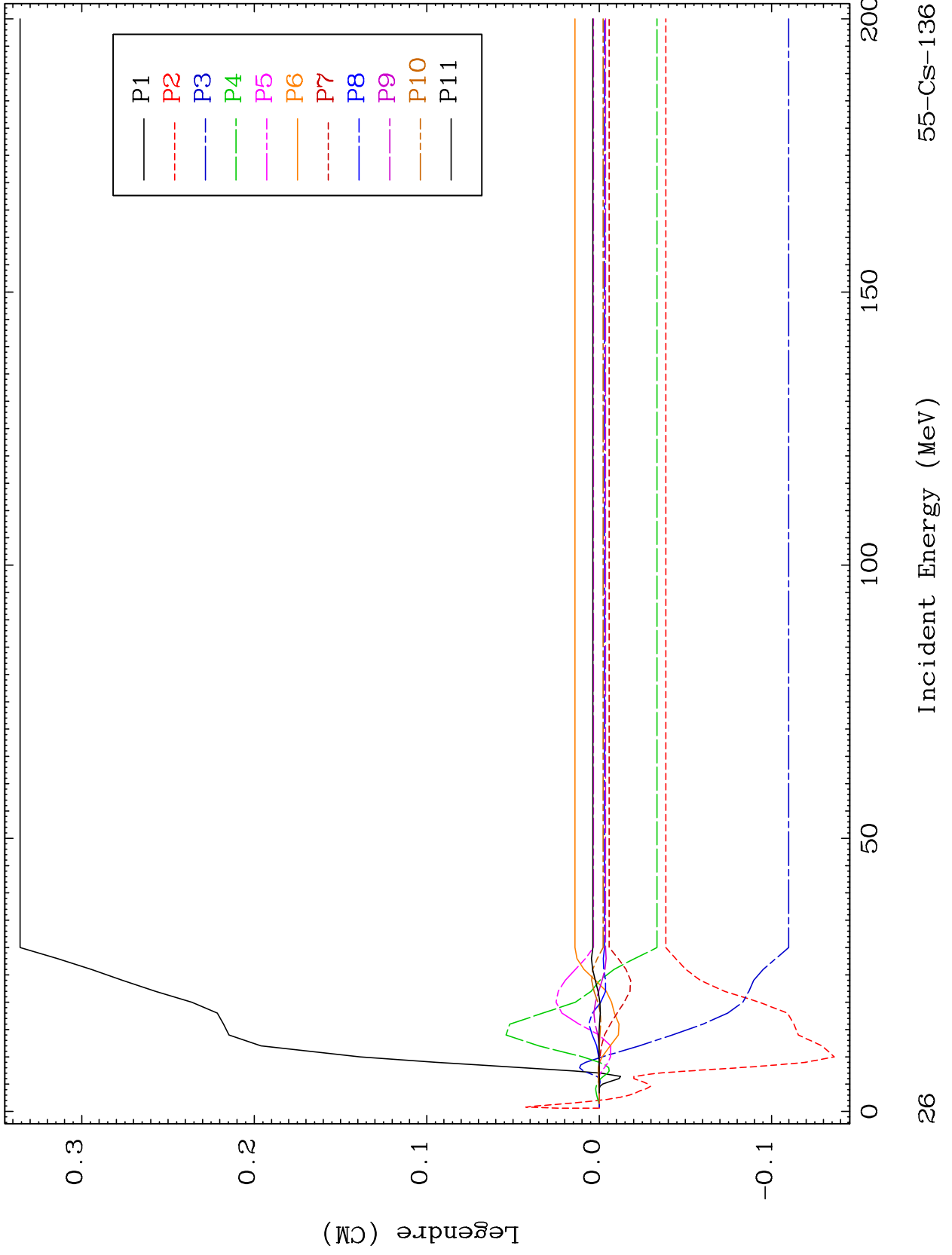
24



MAT 5534

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

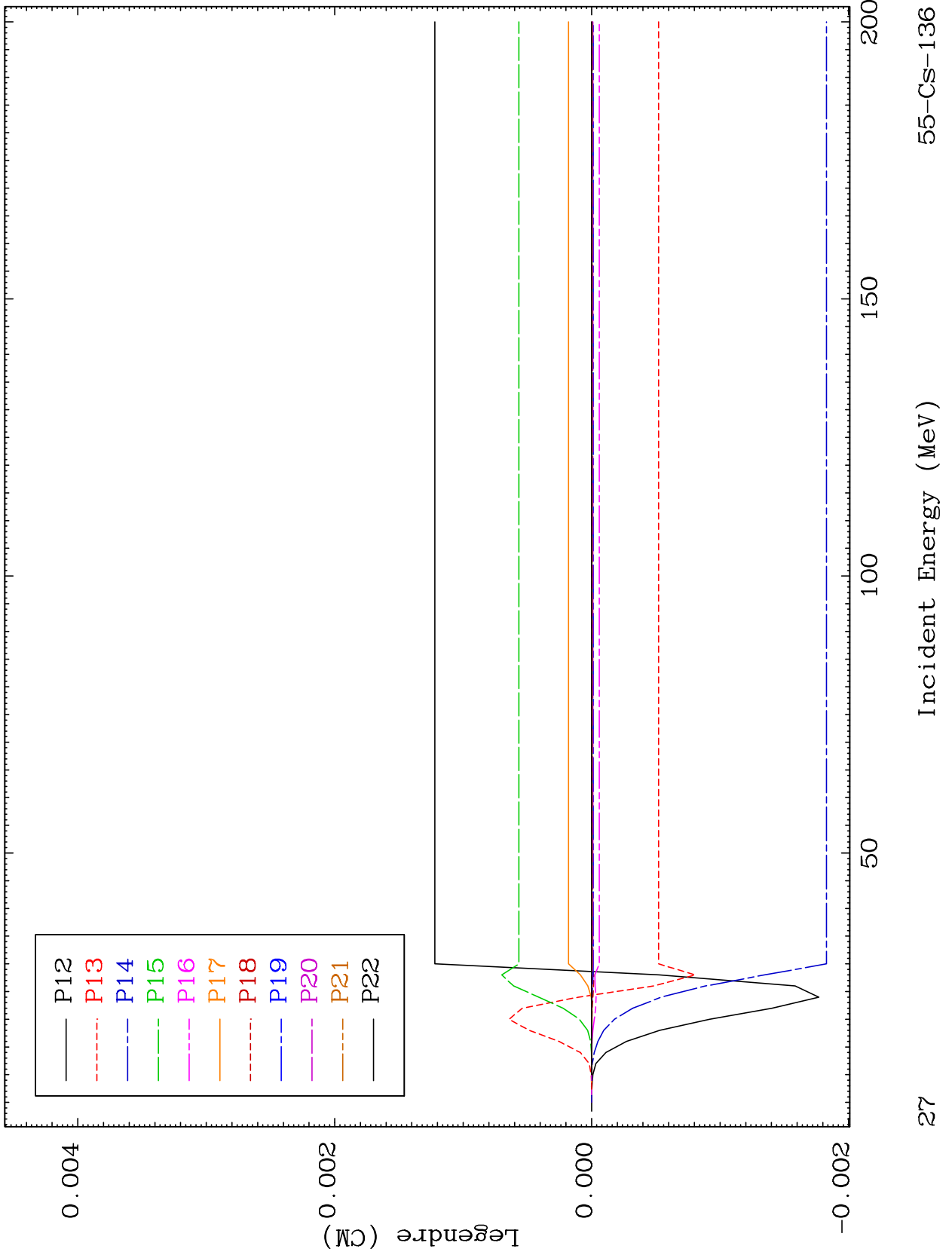
55-Cs-136



55-Cs-136

Incident Energy (MeV)

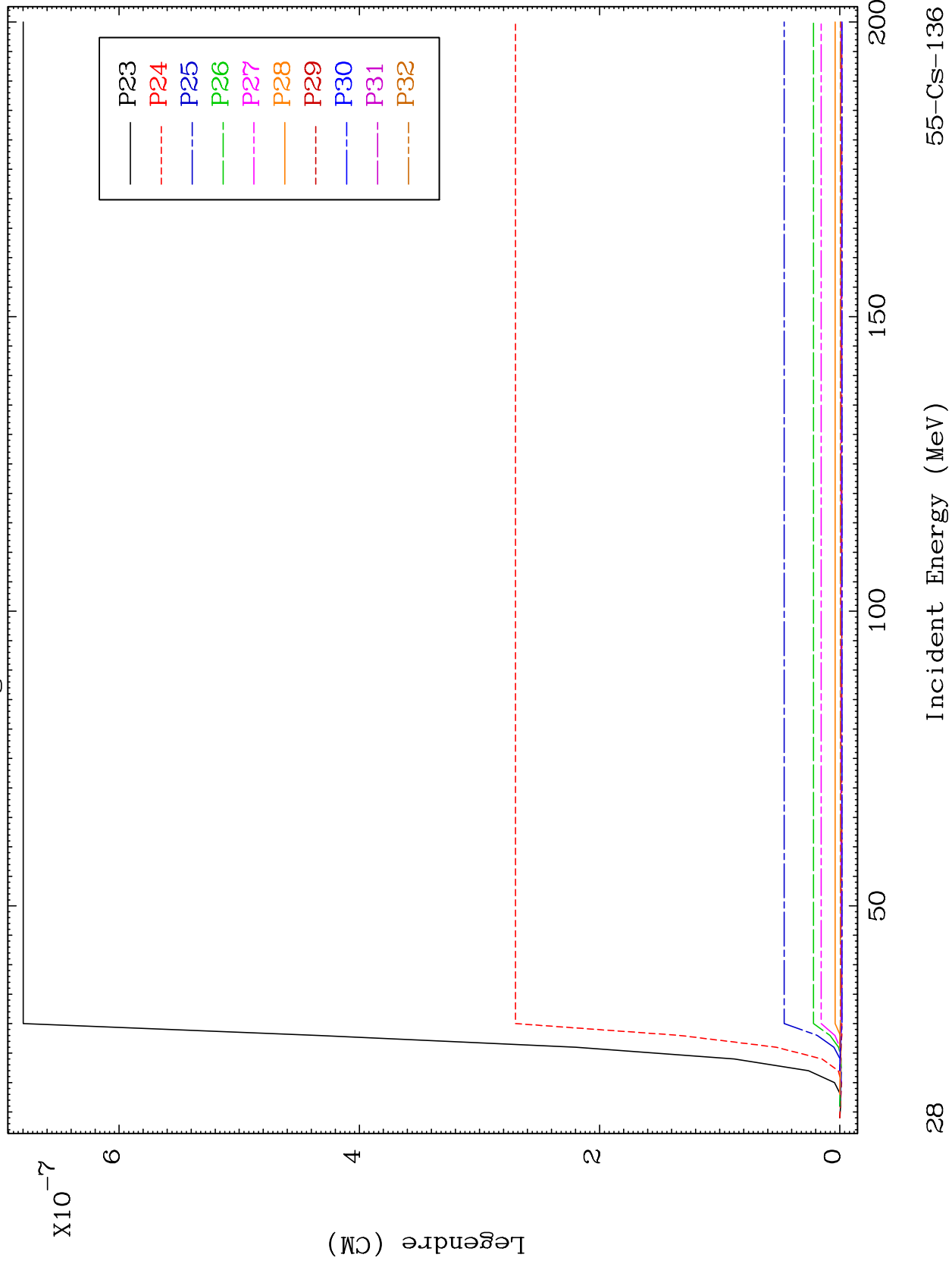
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MAT 5534

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

55-Cs-136



28

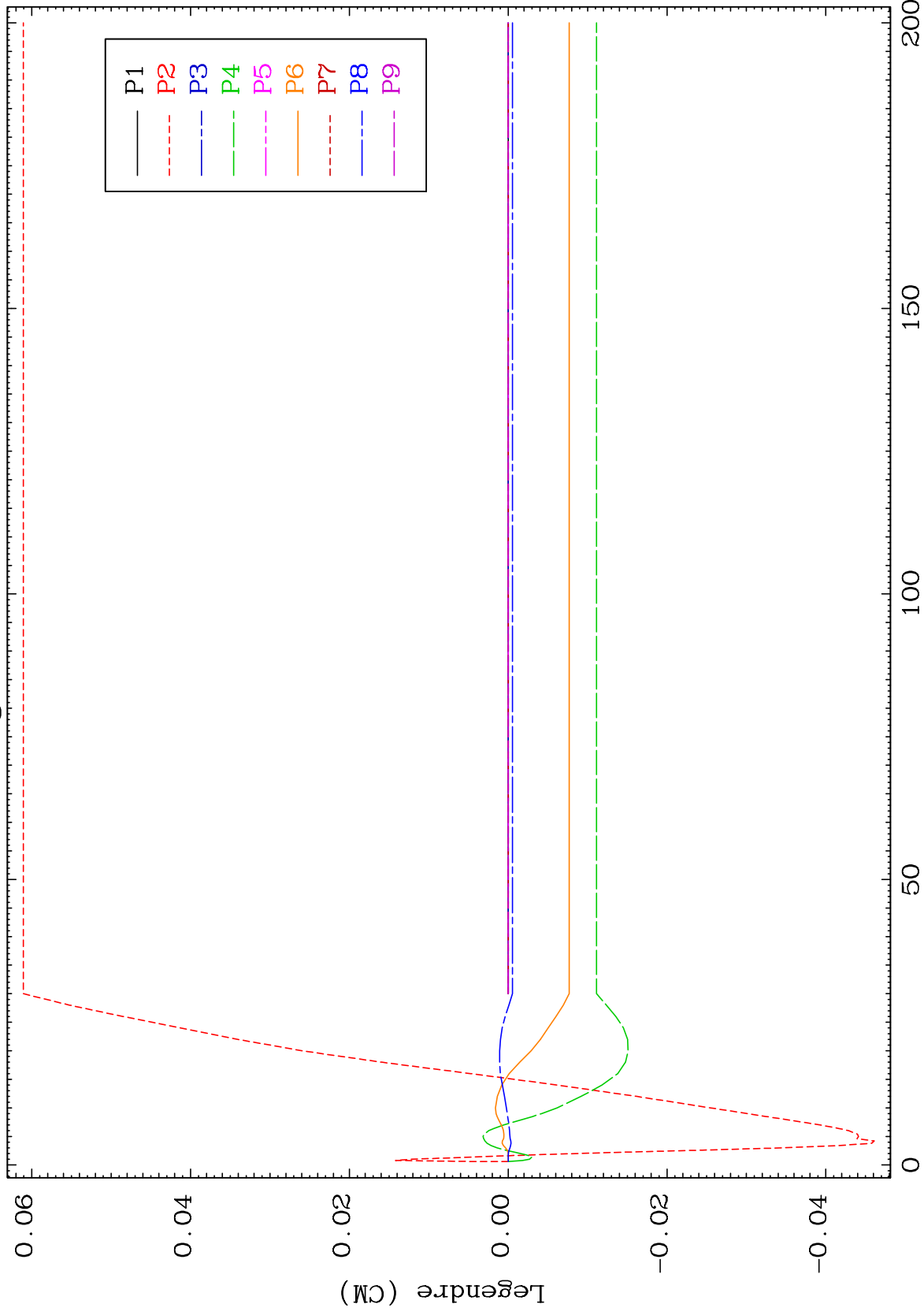
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



55-Cs-136

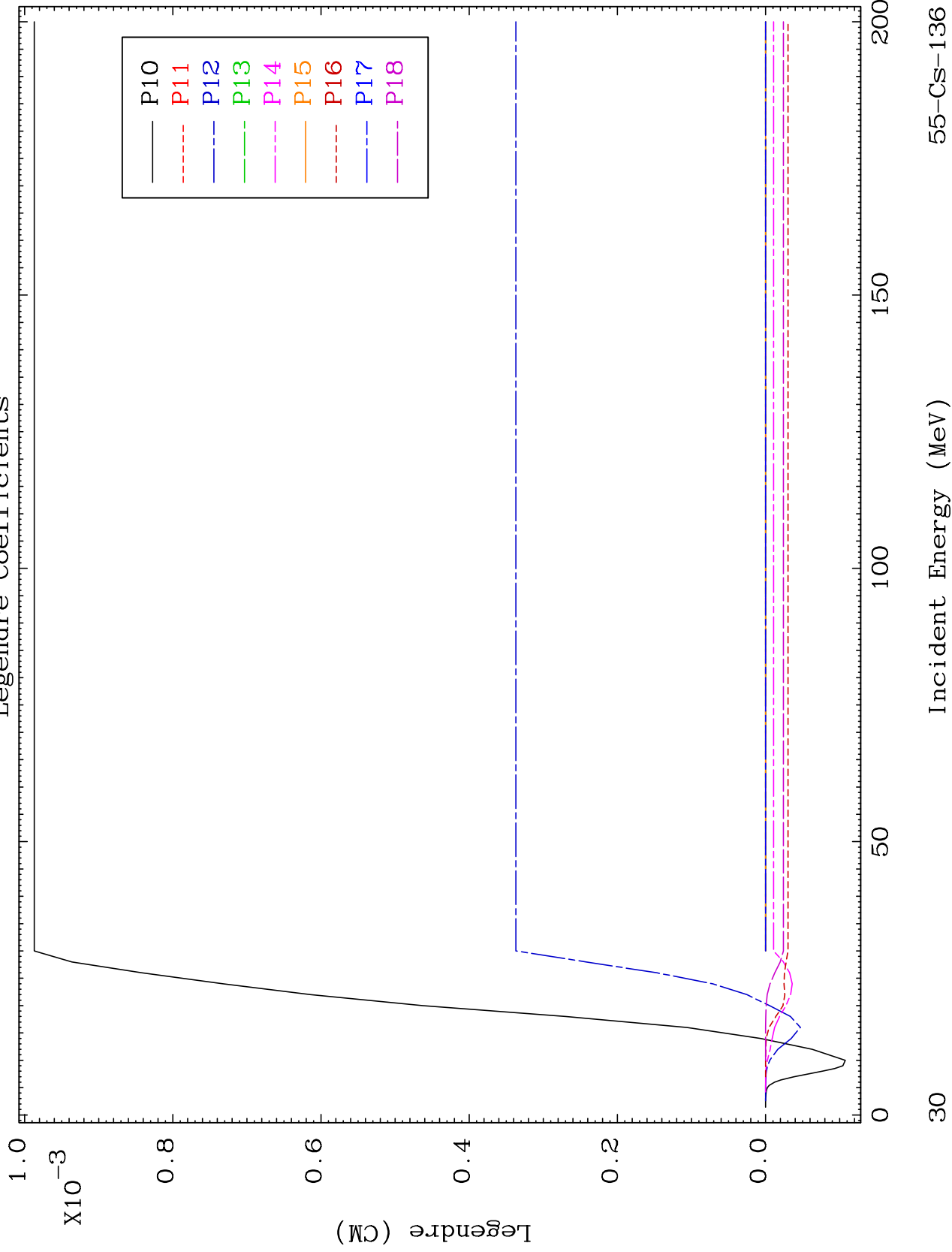
Incident Energy (MeV)

29

MAT 5534

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

55-Cs-136



55-Cs-136

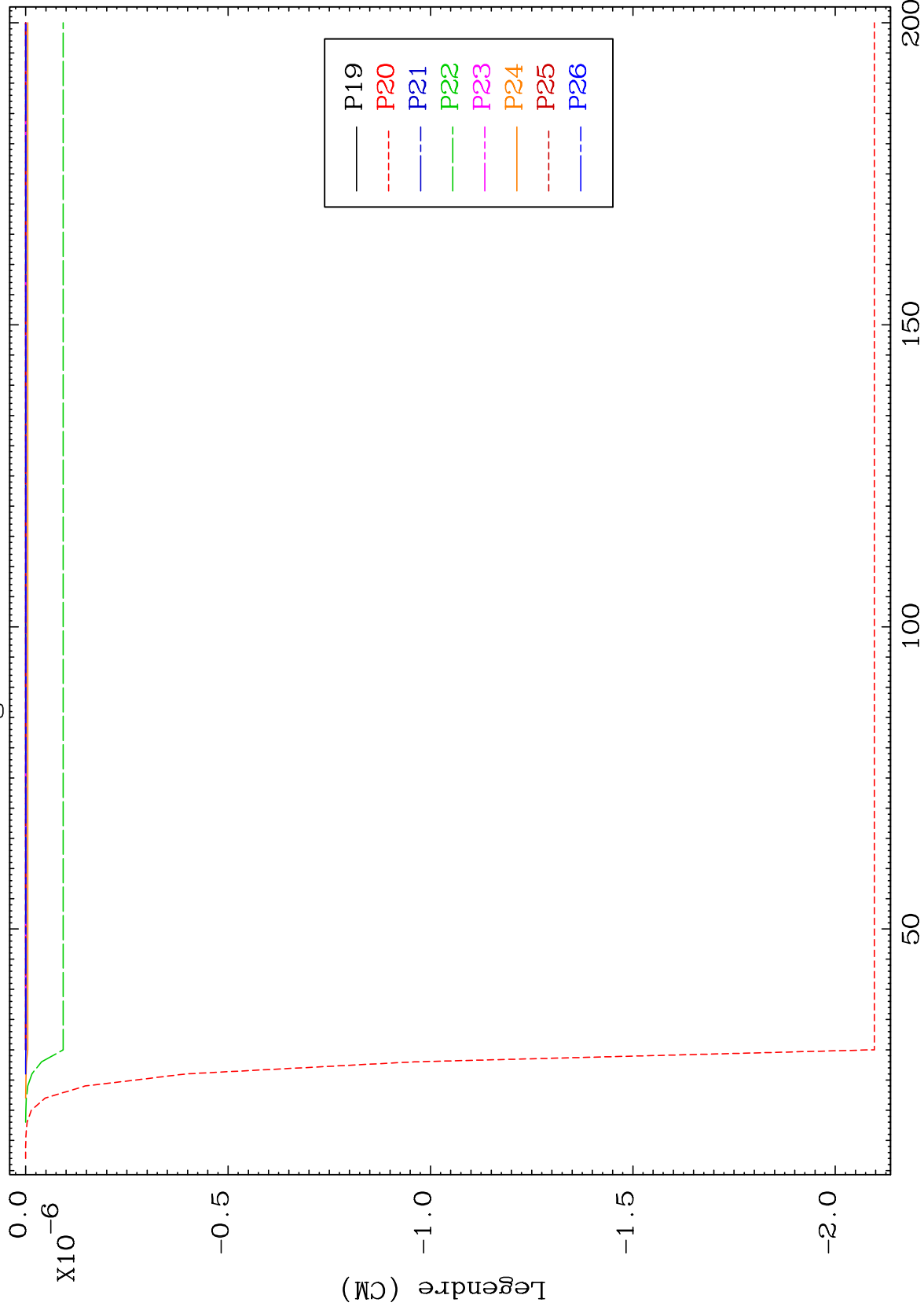
Incident Energy (MeV)

MAT 5534

MT= 54 (n,n') Level

55-Cs-136

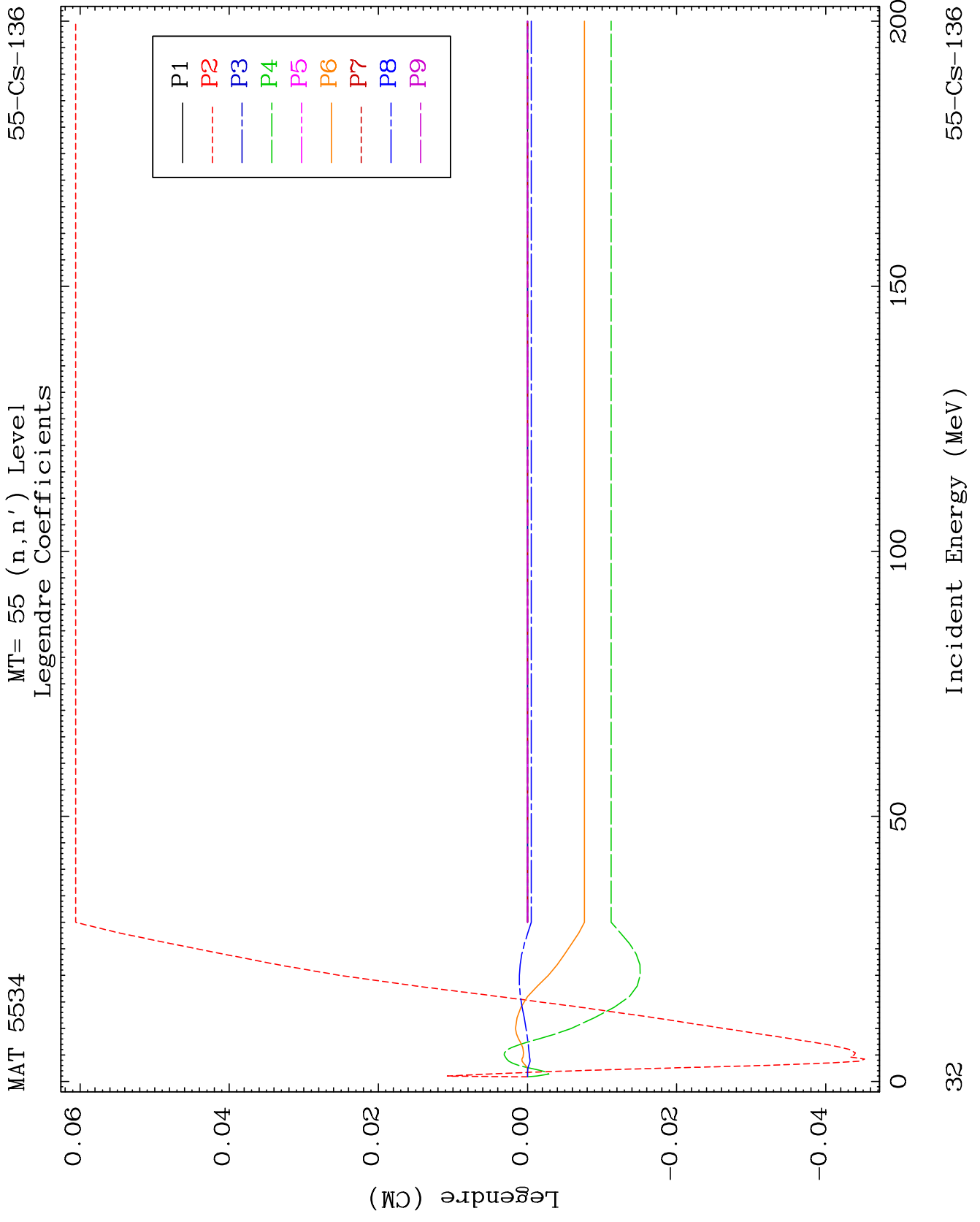
Legendre Coefficients



55-Cs-136

Incident Energy (MeV)

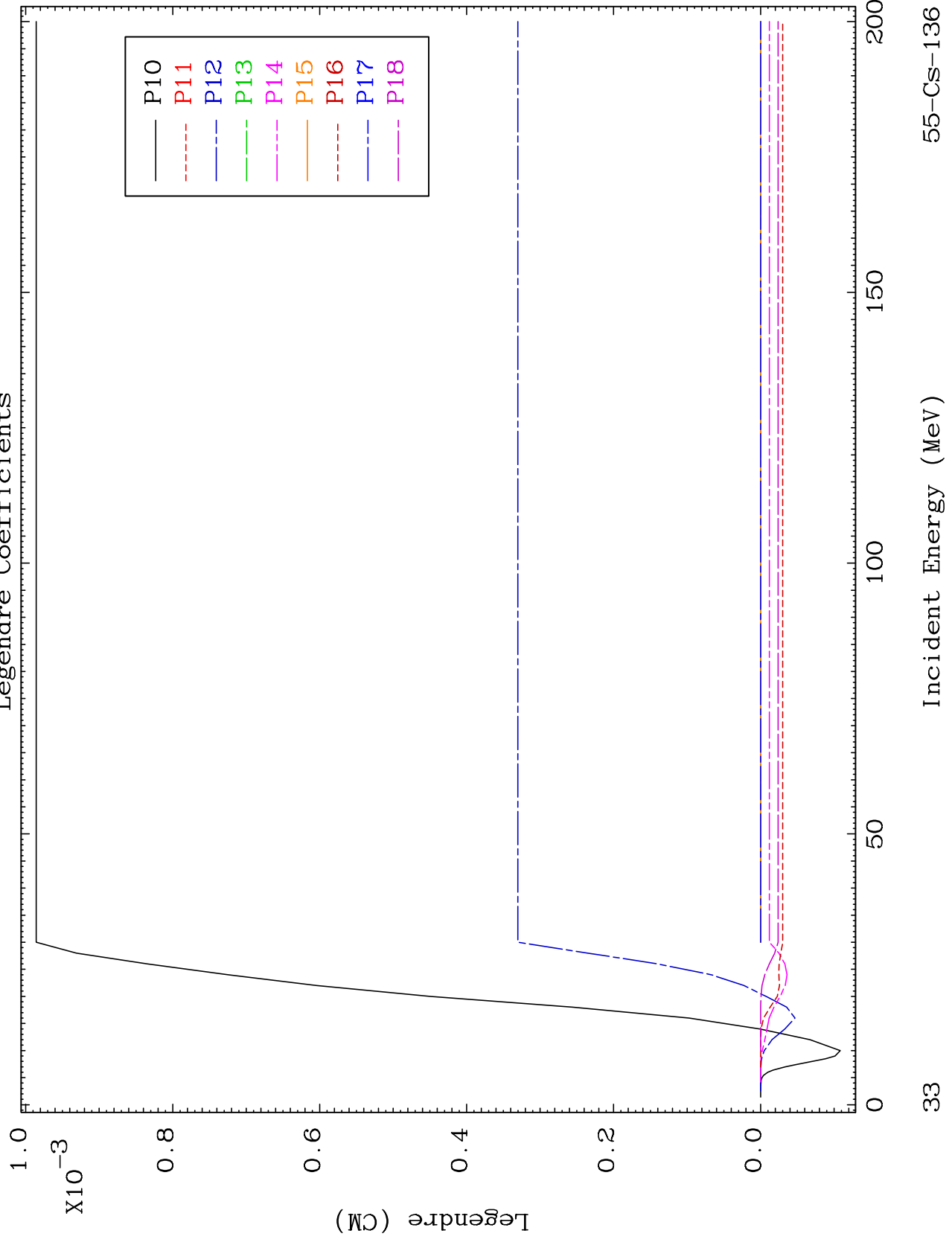
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MAT 5534

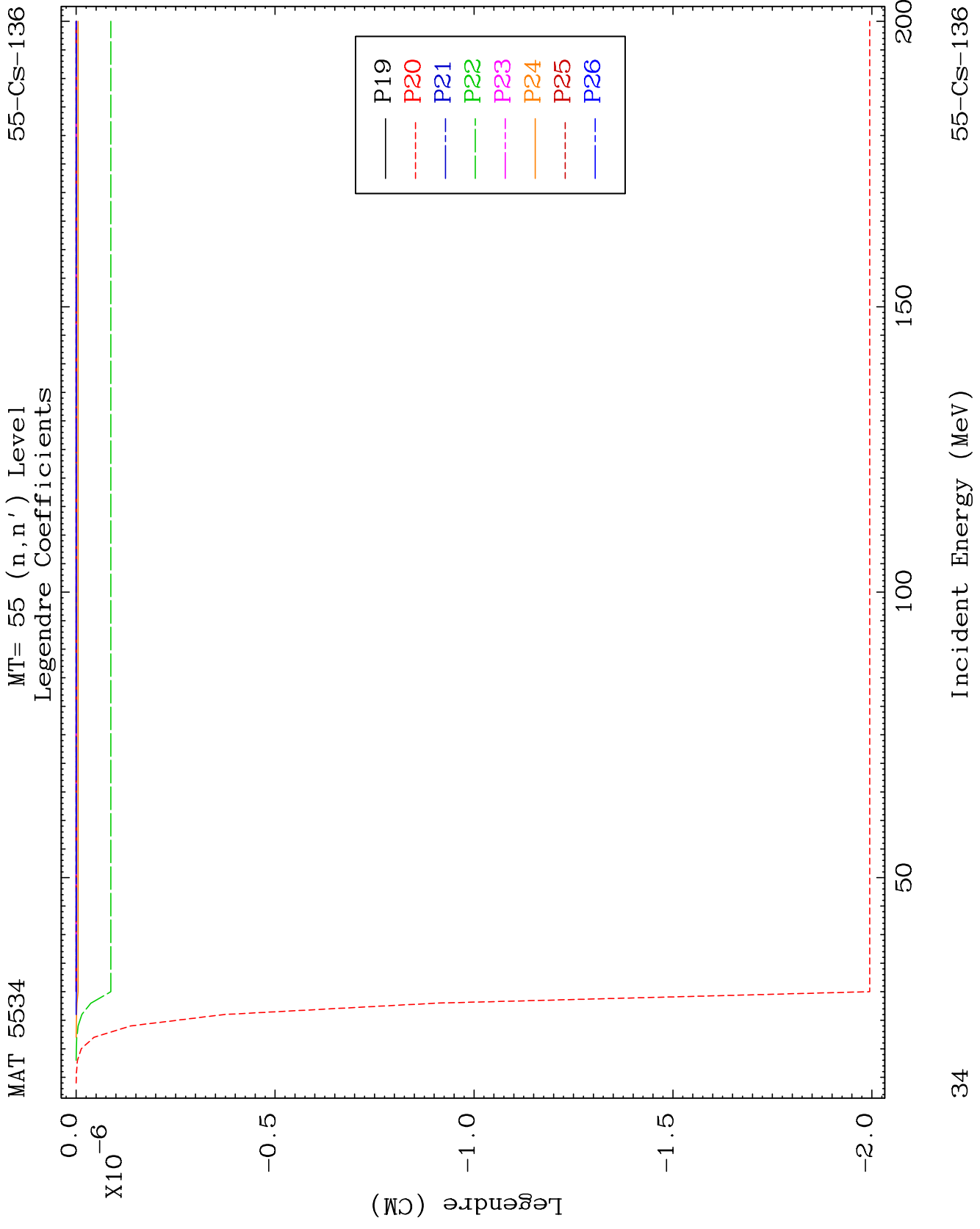
MT= 55 (n,n') Level  
Legendre Coefficients

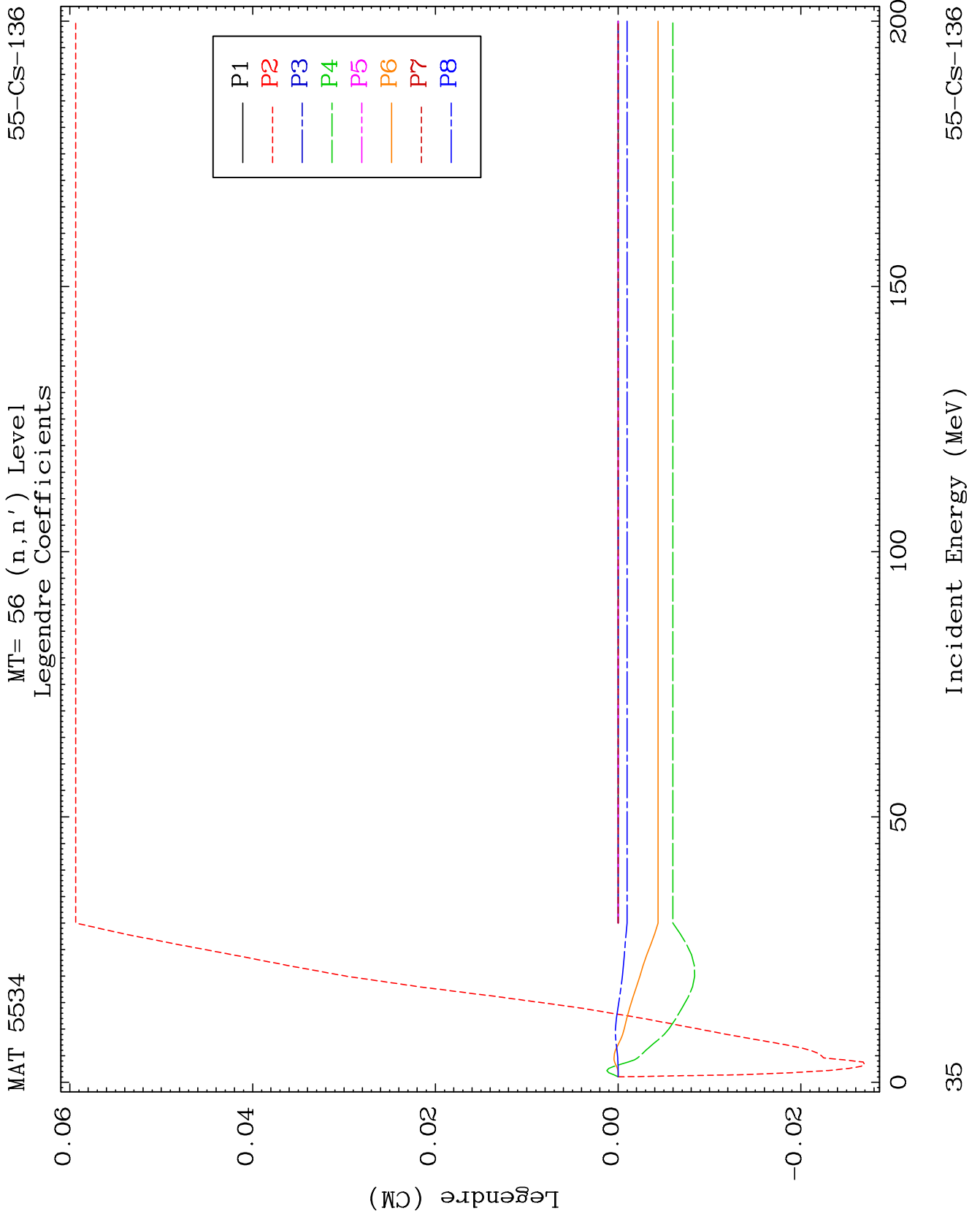
55-Cs-136



33

55-Cs-136

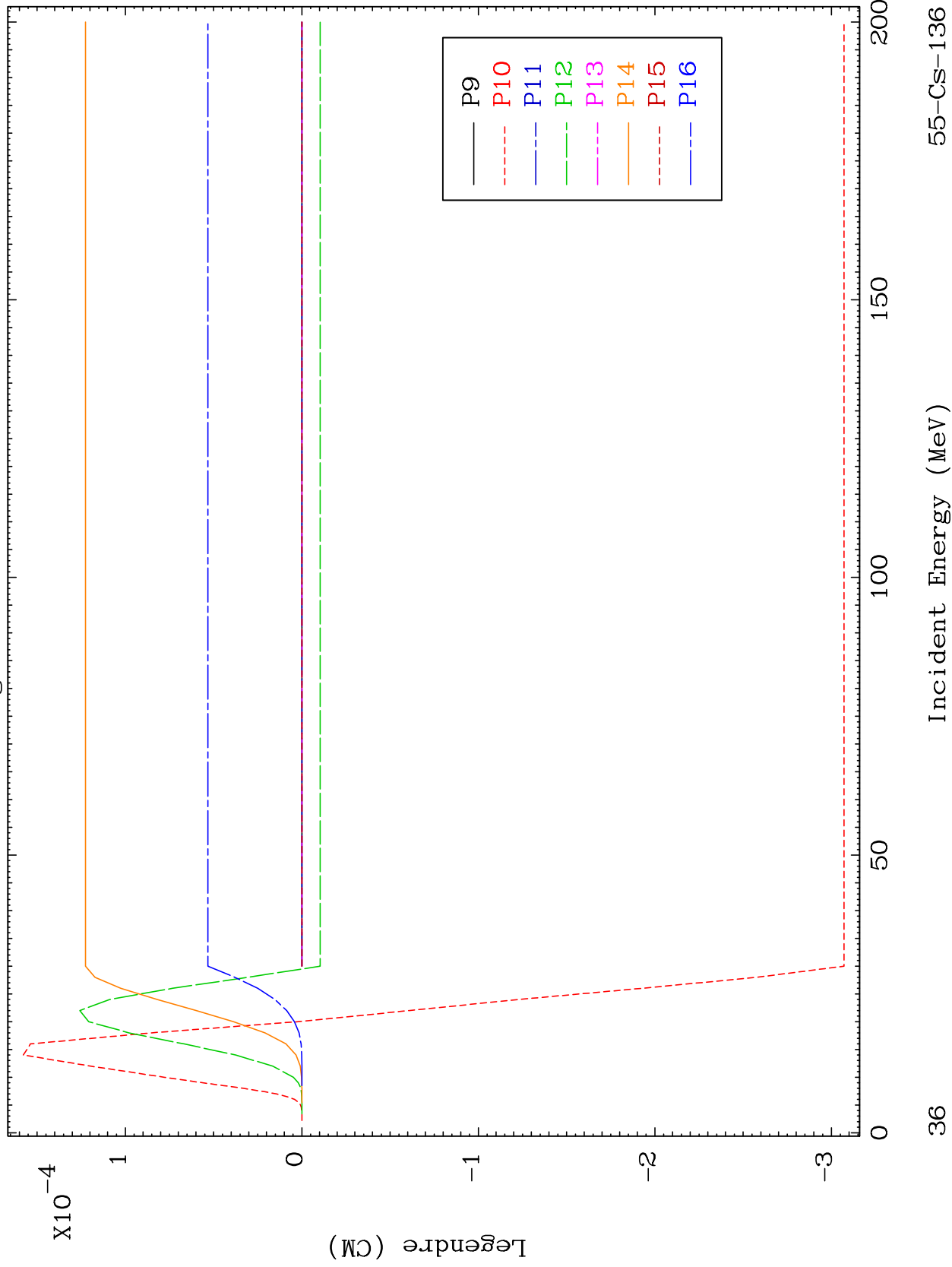




MAT 5534

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Legendre Coefficients

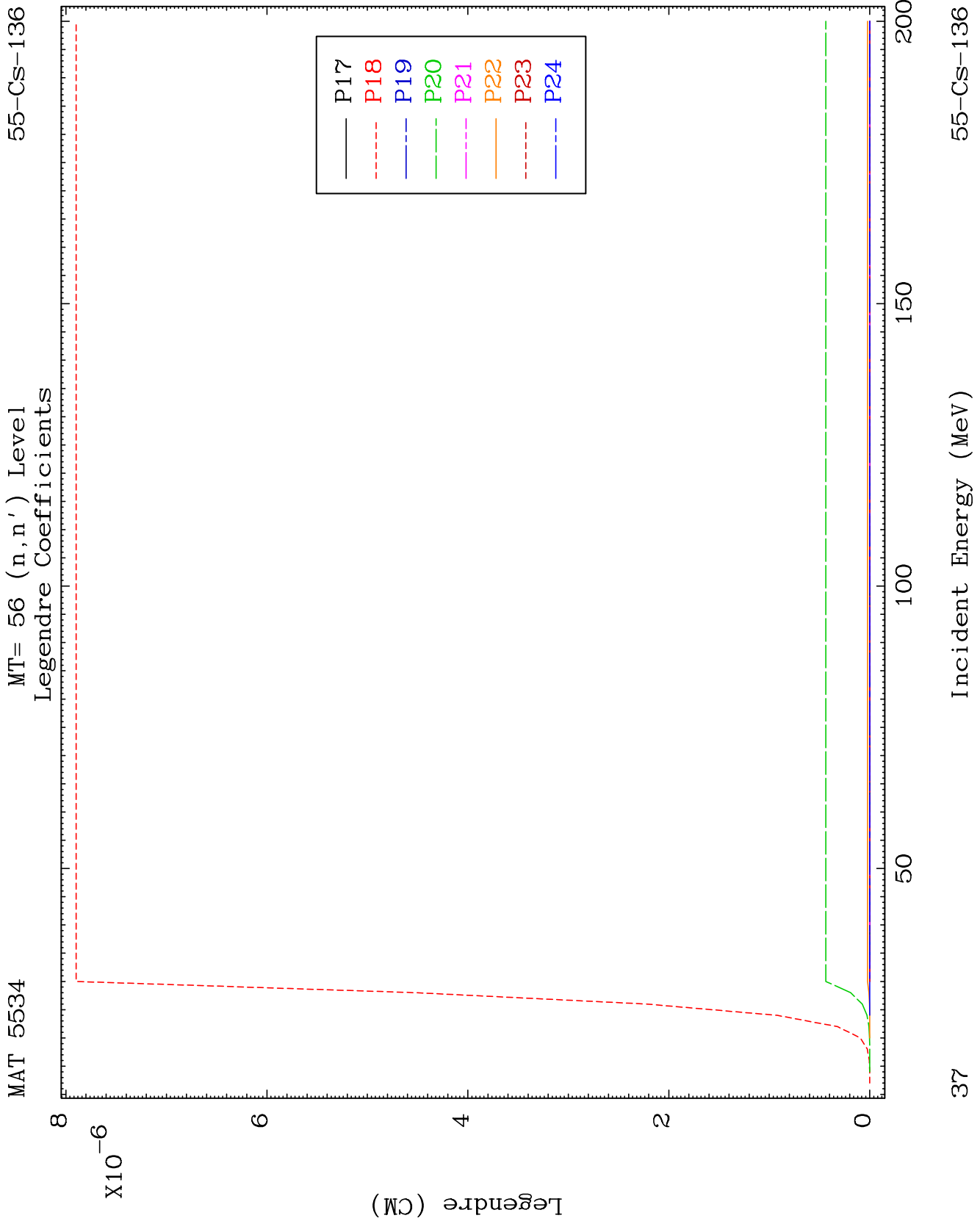
55-Cs-136

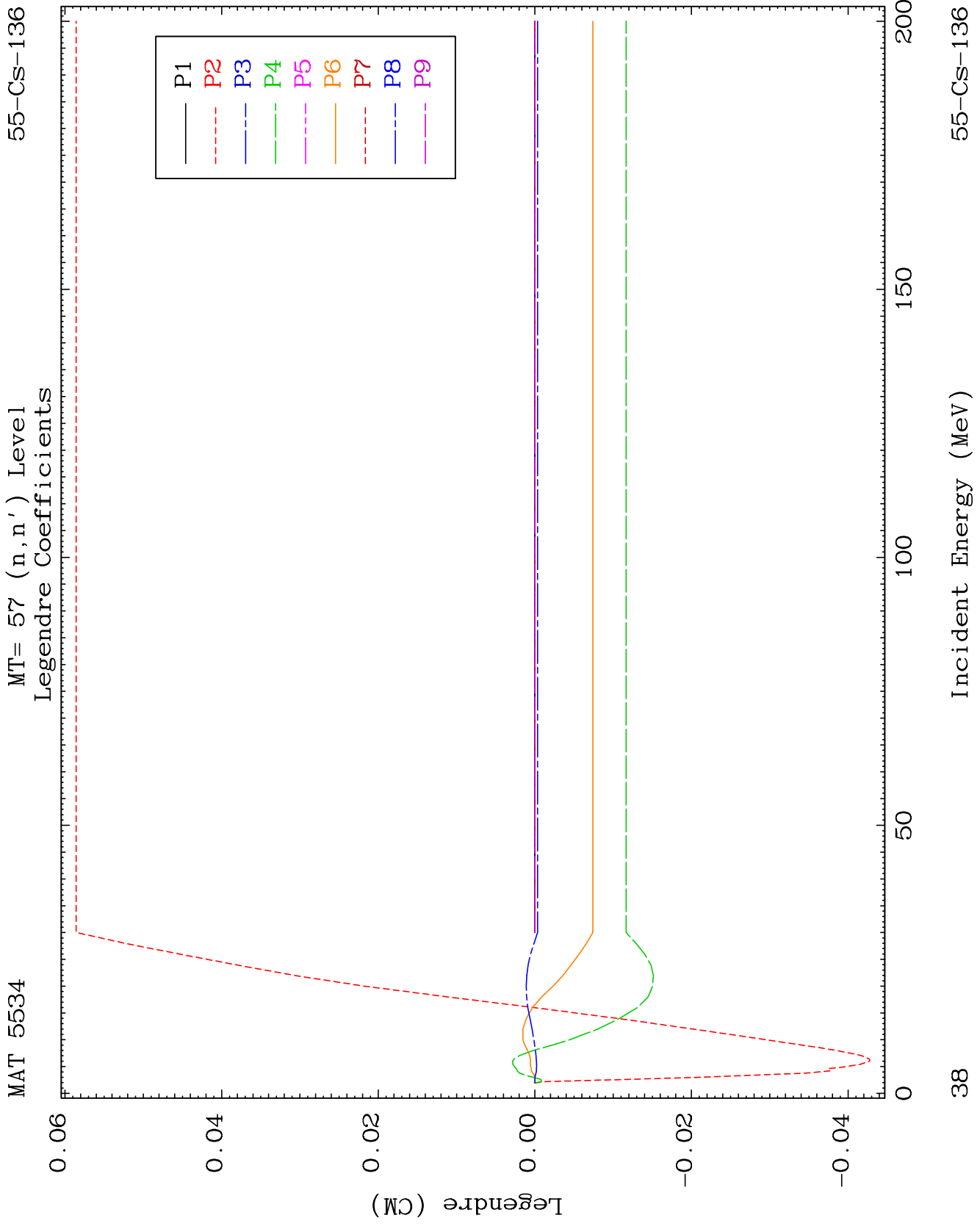


55-Cs-136

Incident Energy (MeV)

36

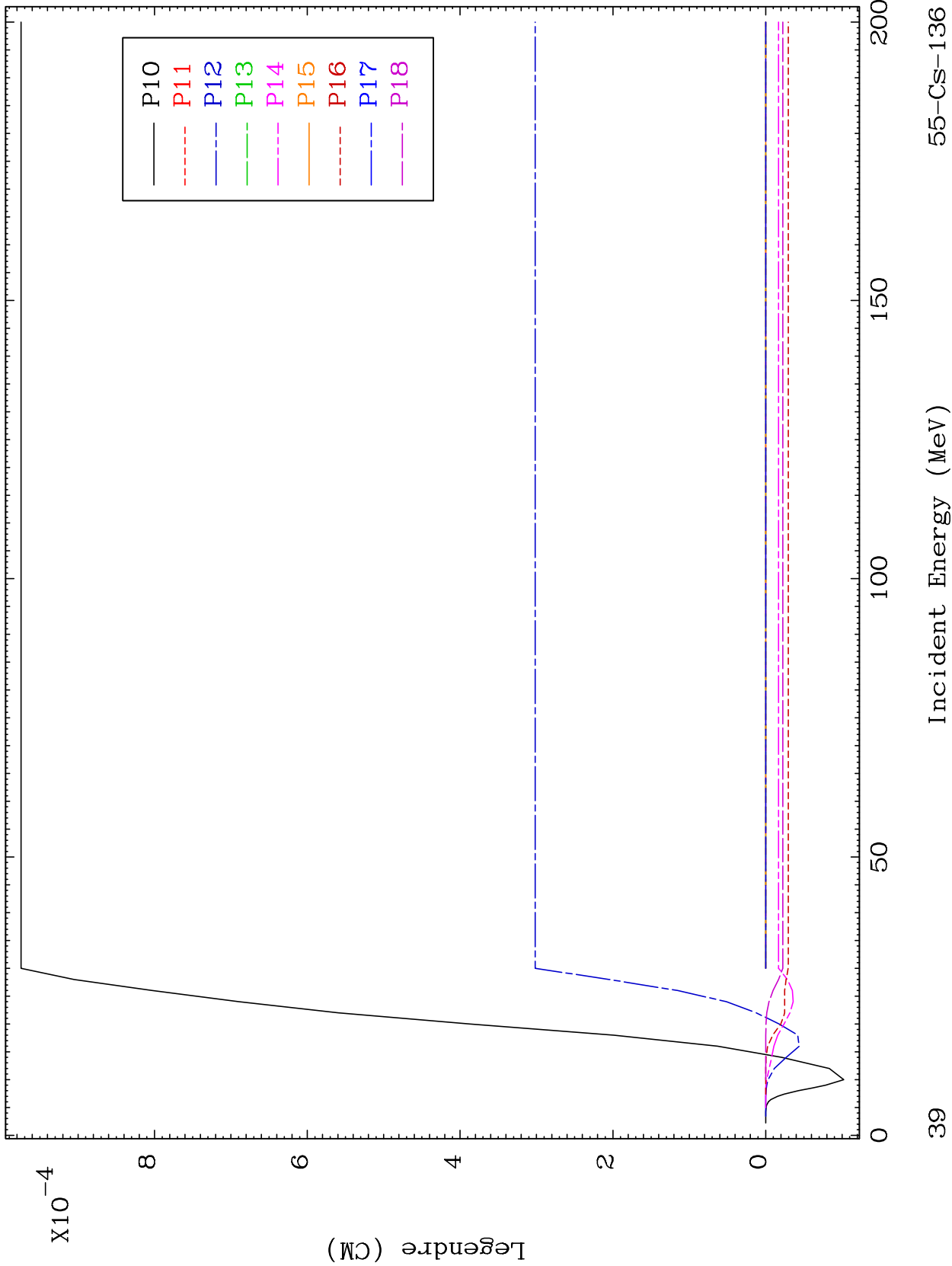


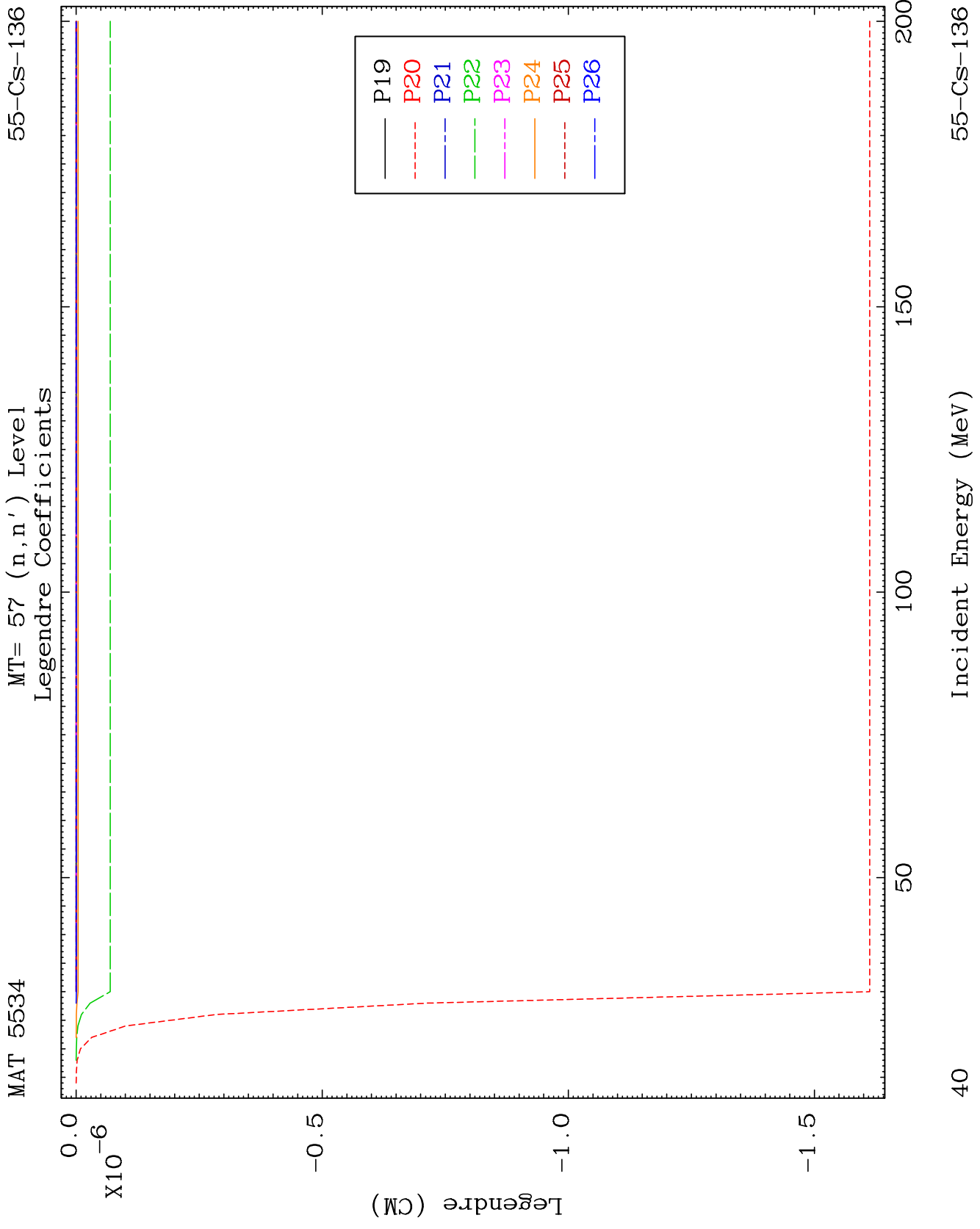


MAT 5534

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

55-Cs-136

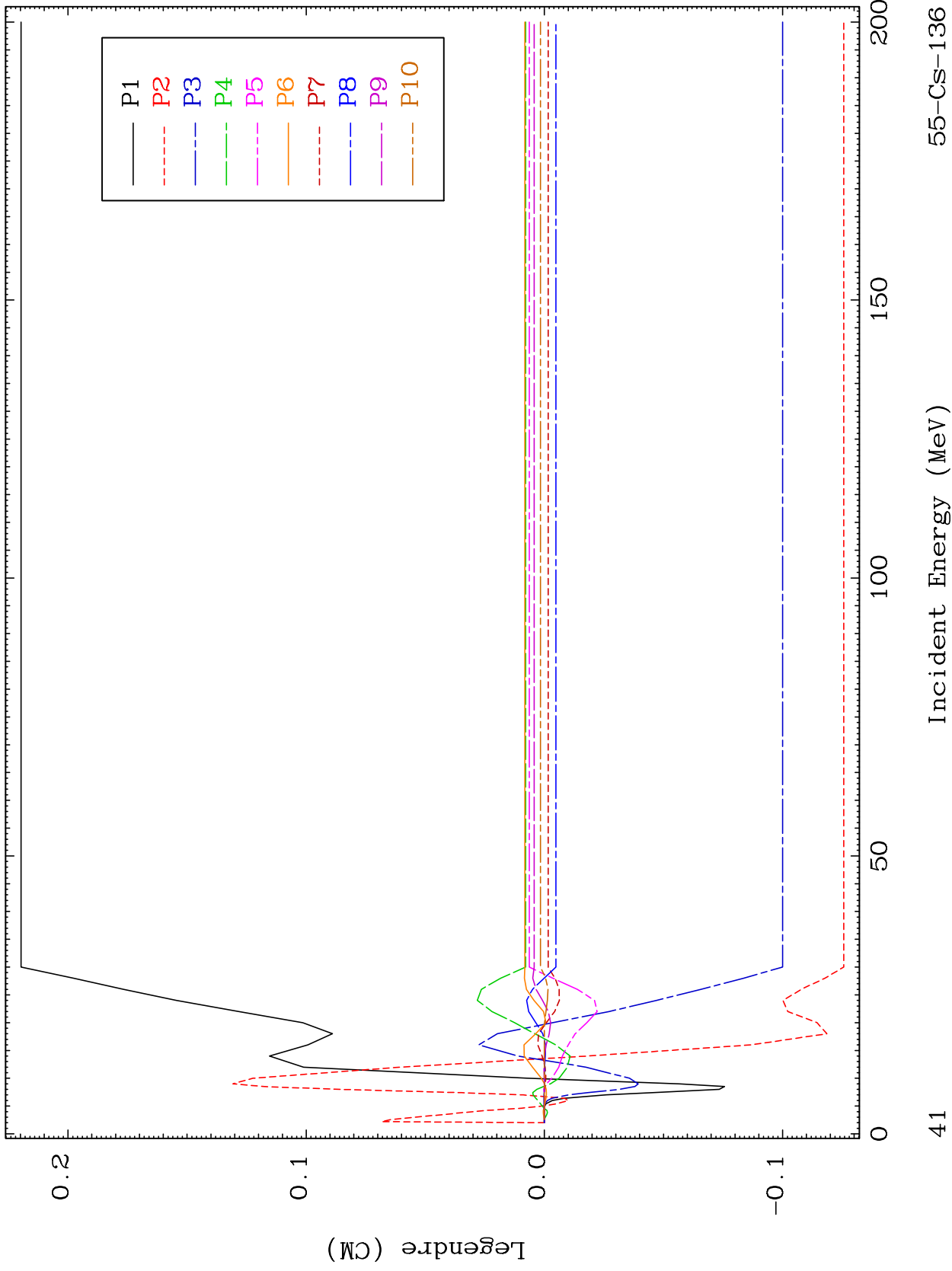




MAT 5534

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

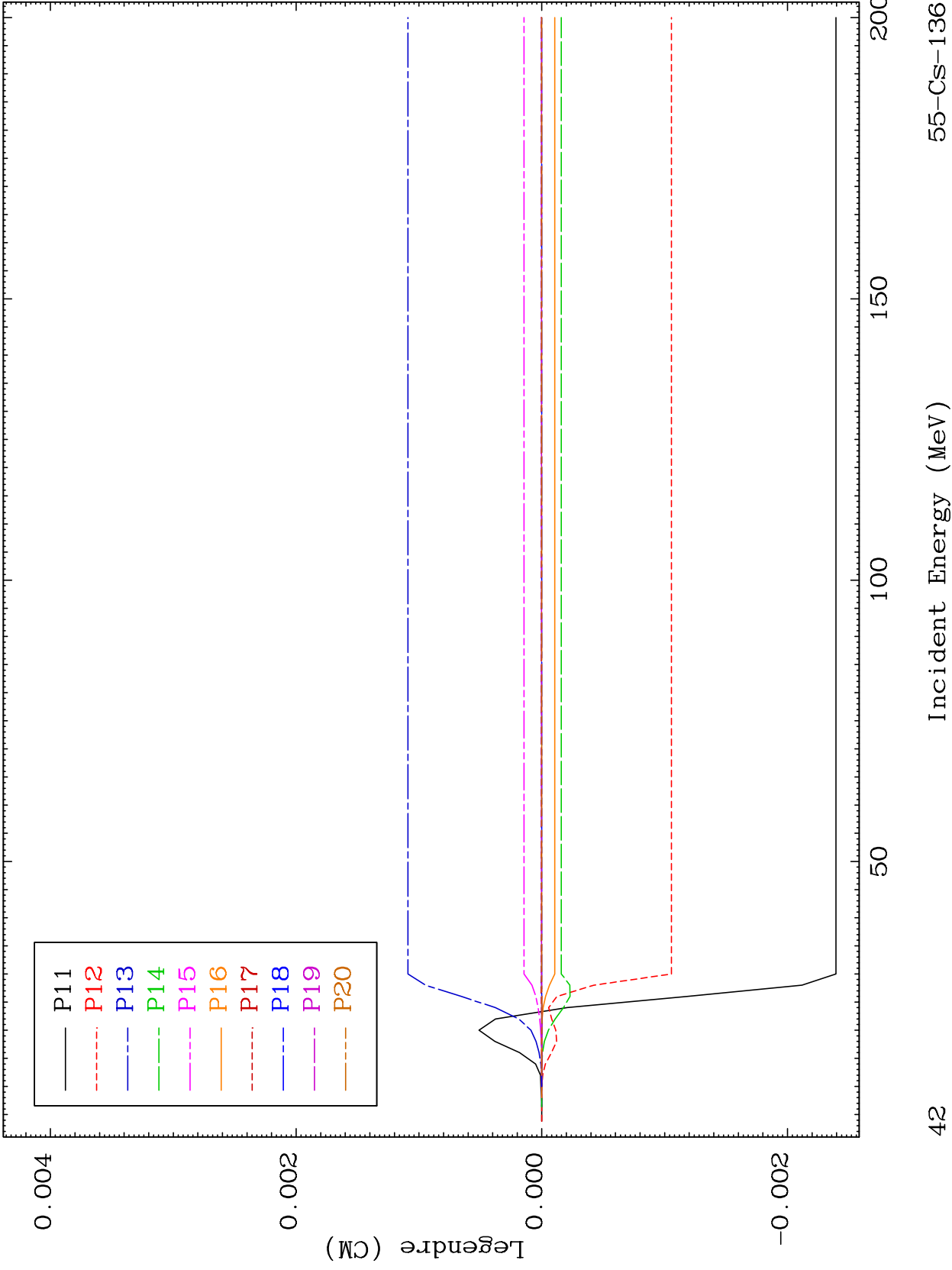
55-Cs-136



MAT 5534

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

55-Cs-136



42

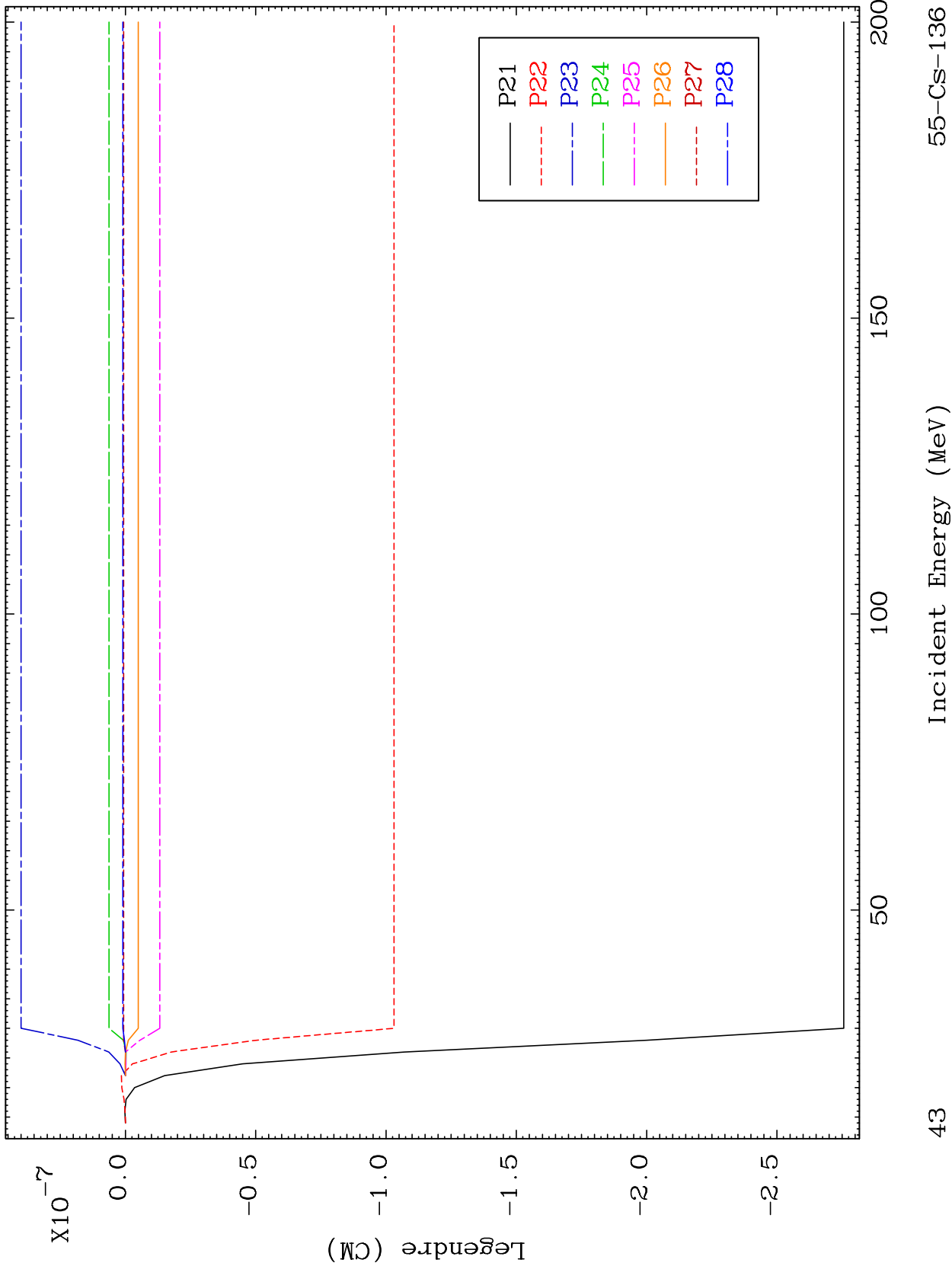
Incident Energy (MeV)

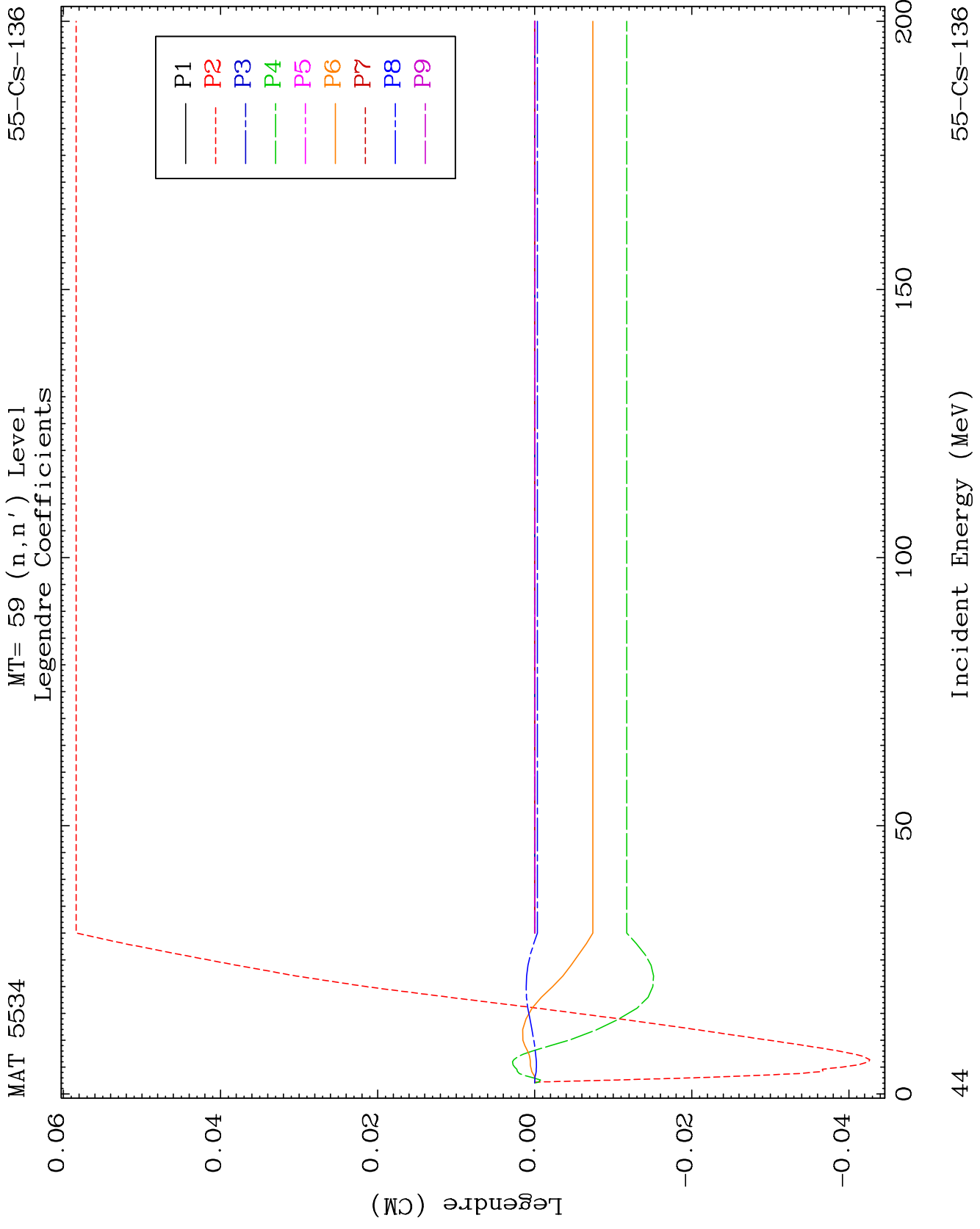
55-Cs-136

MAT 5534

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

55-Cs-136

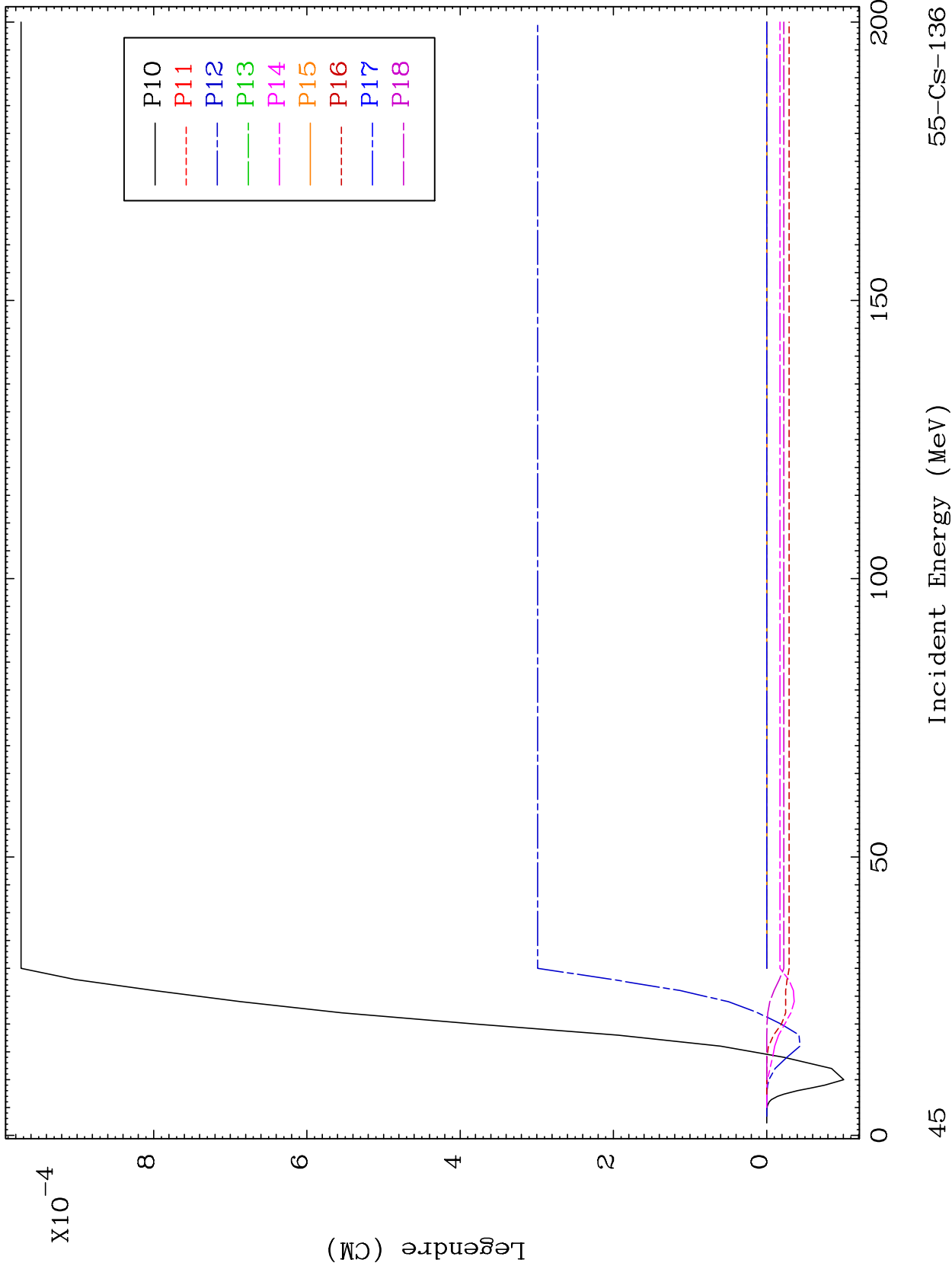




MAT 5534

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

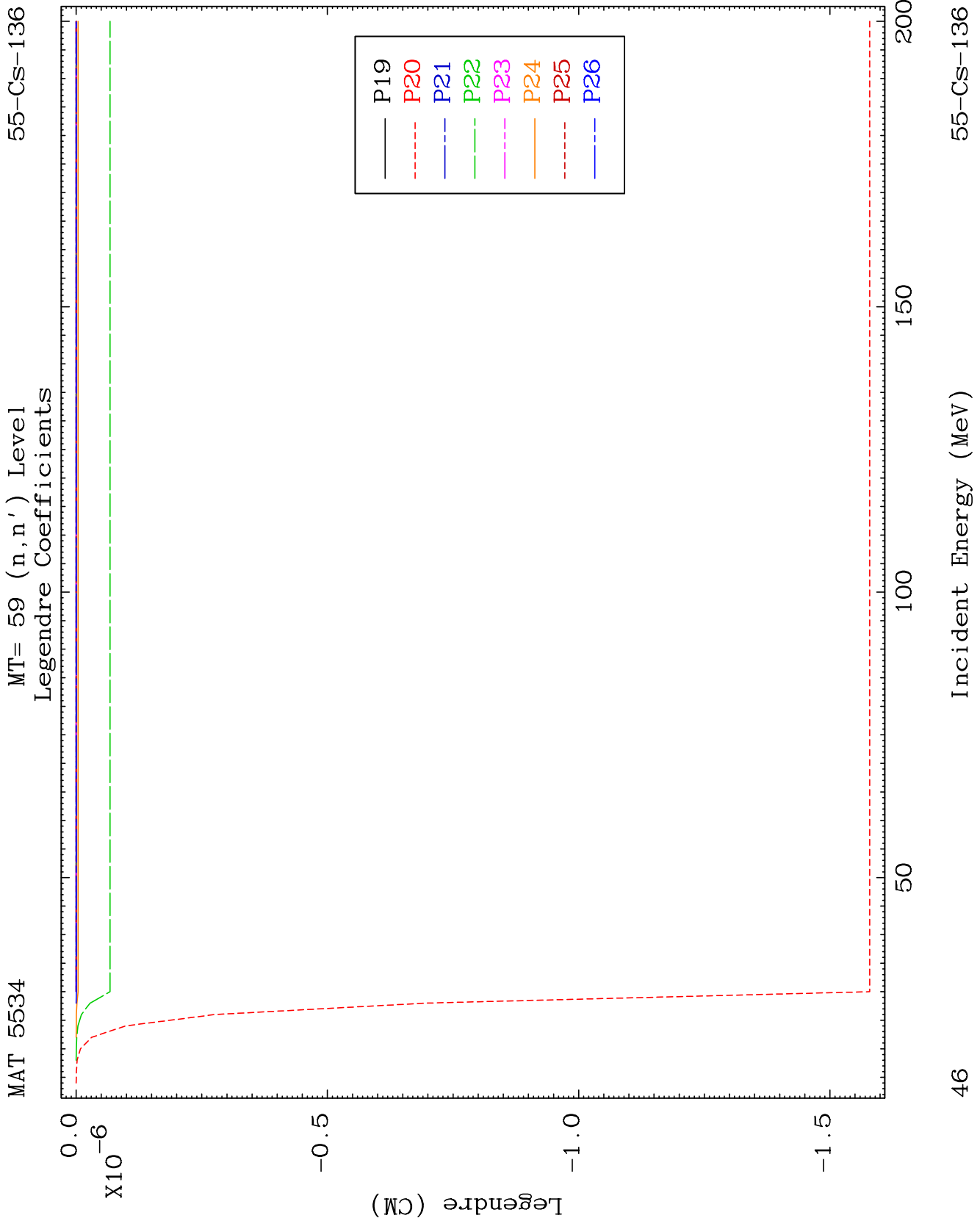
55-Cs-136



55-Cs-136

Incident Energy (MeV)

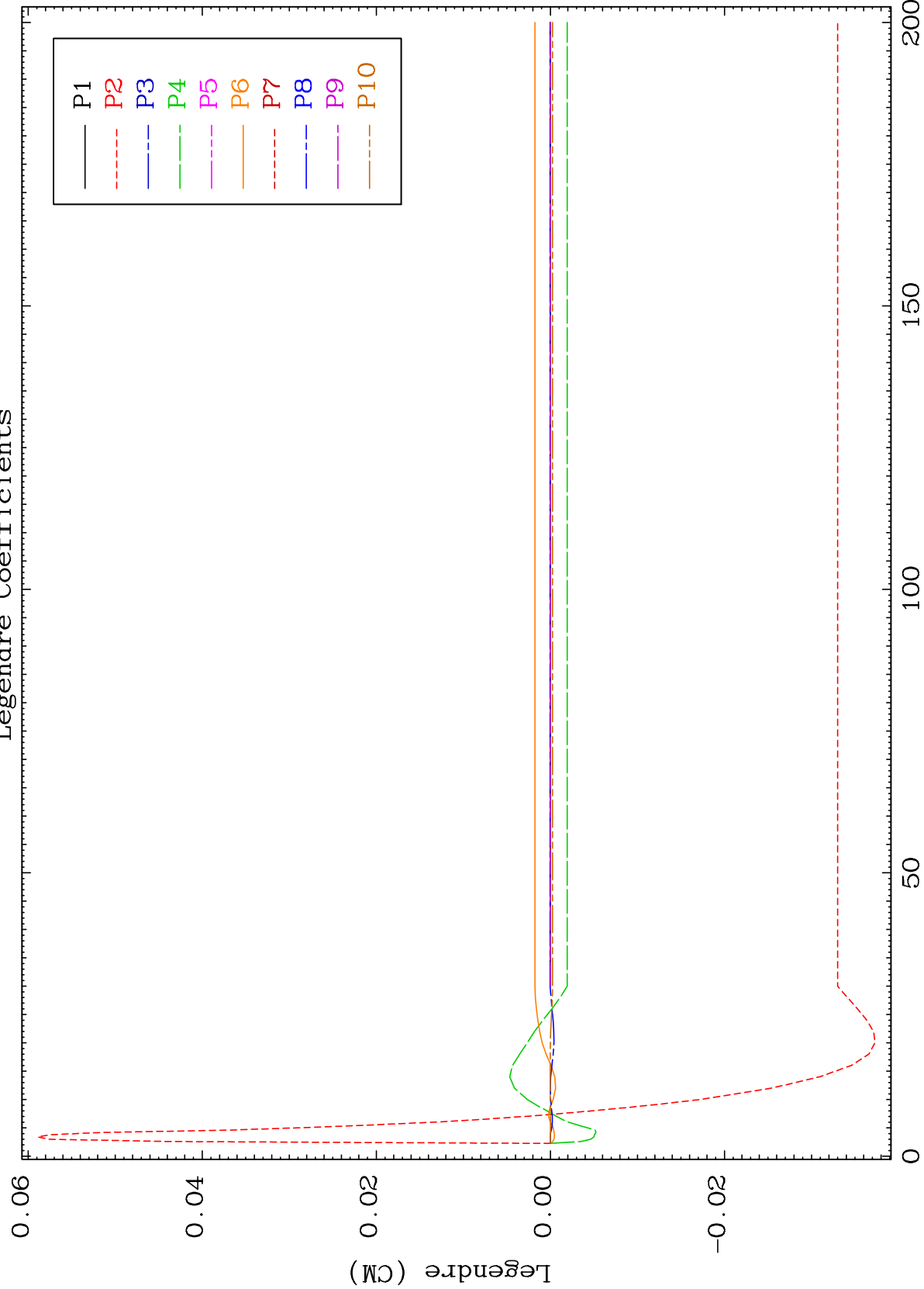
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MAT 5534

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

55-Cs-136



47

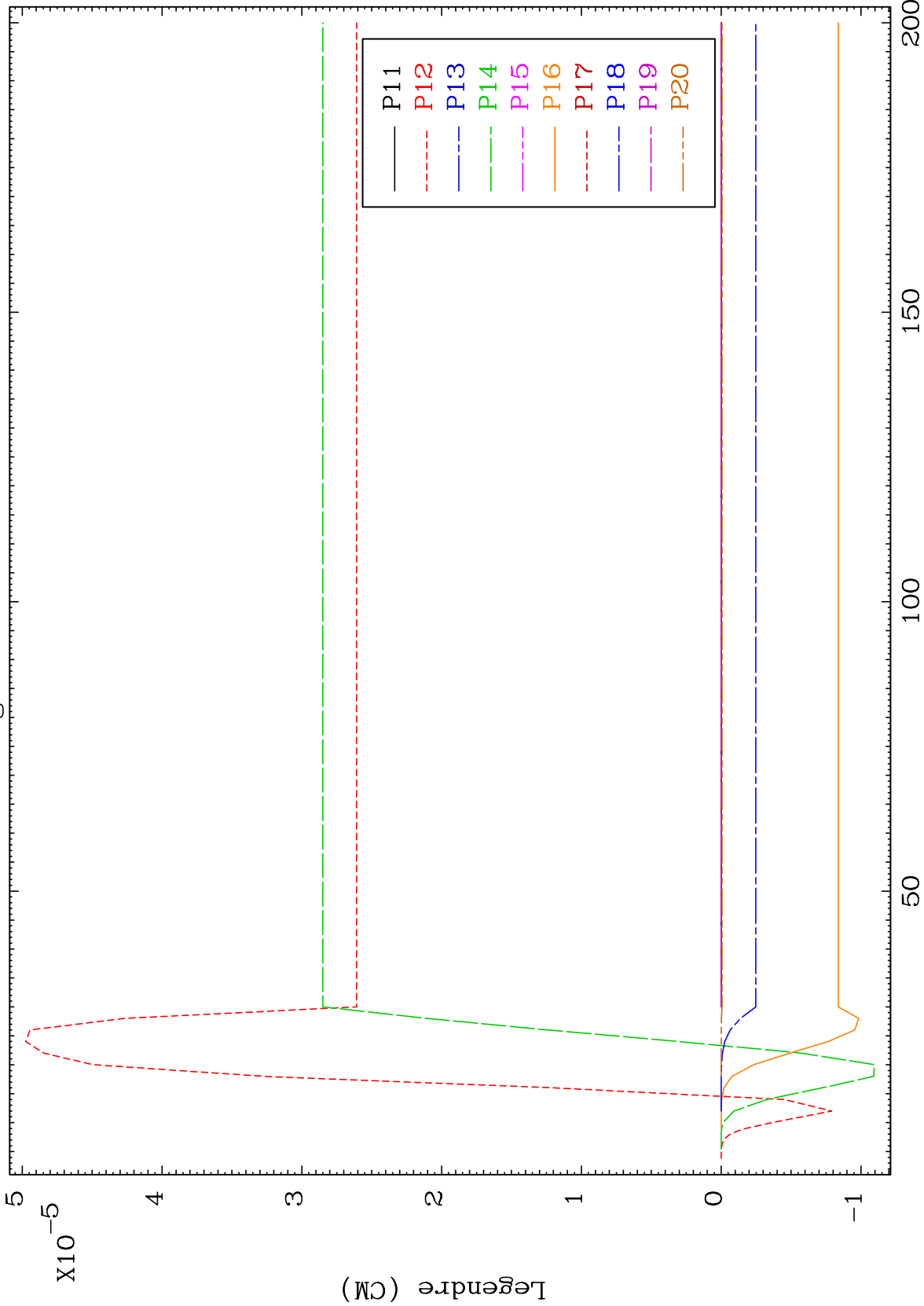
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



48

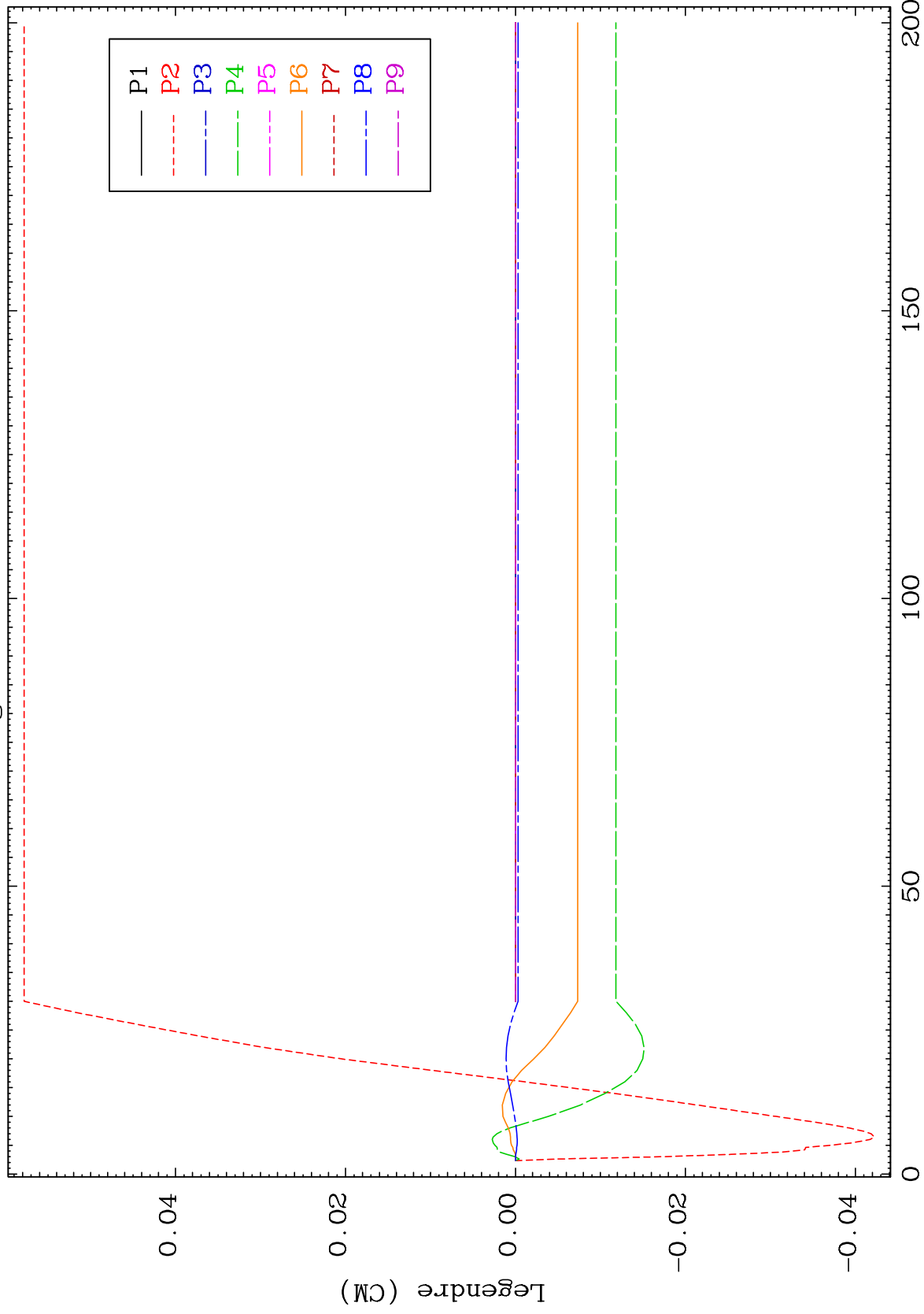
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



49

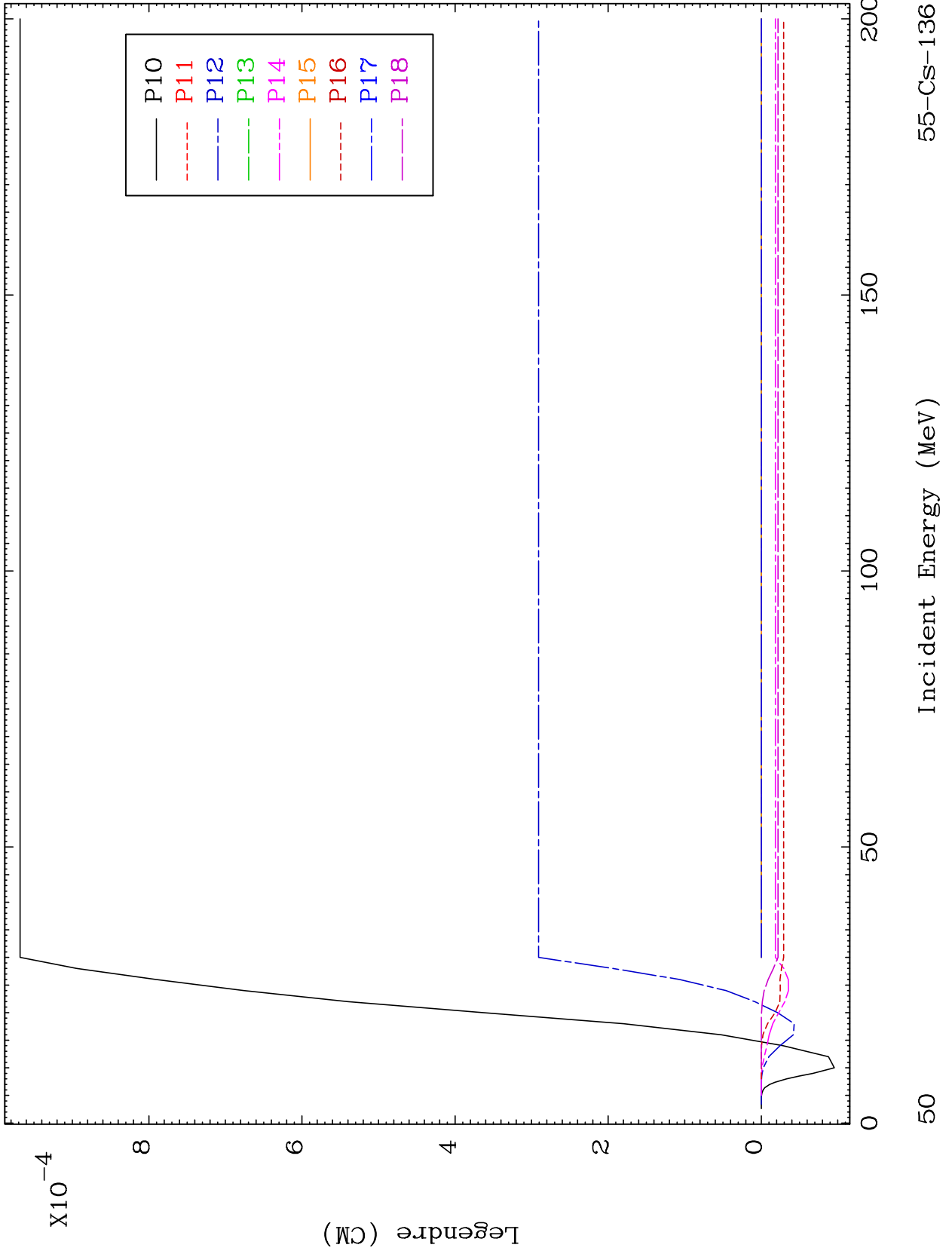
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



55-Cs-136

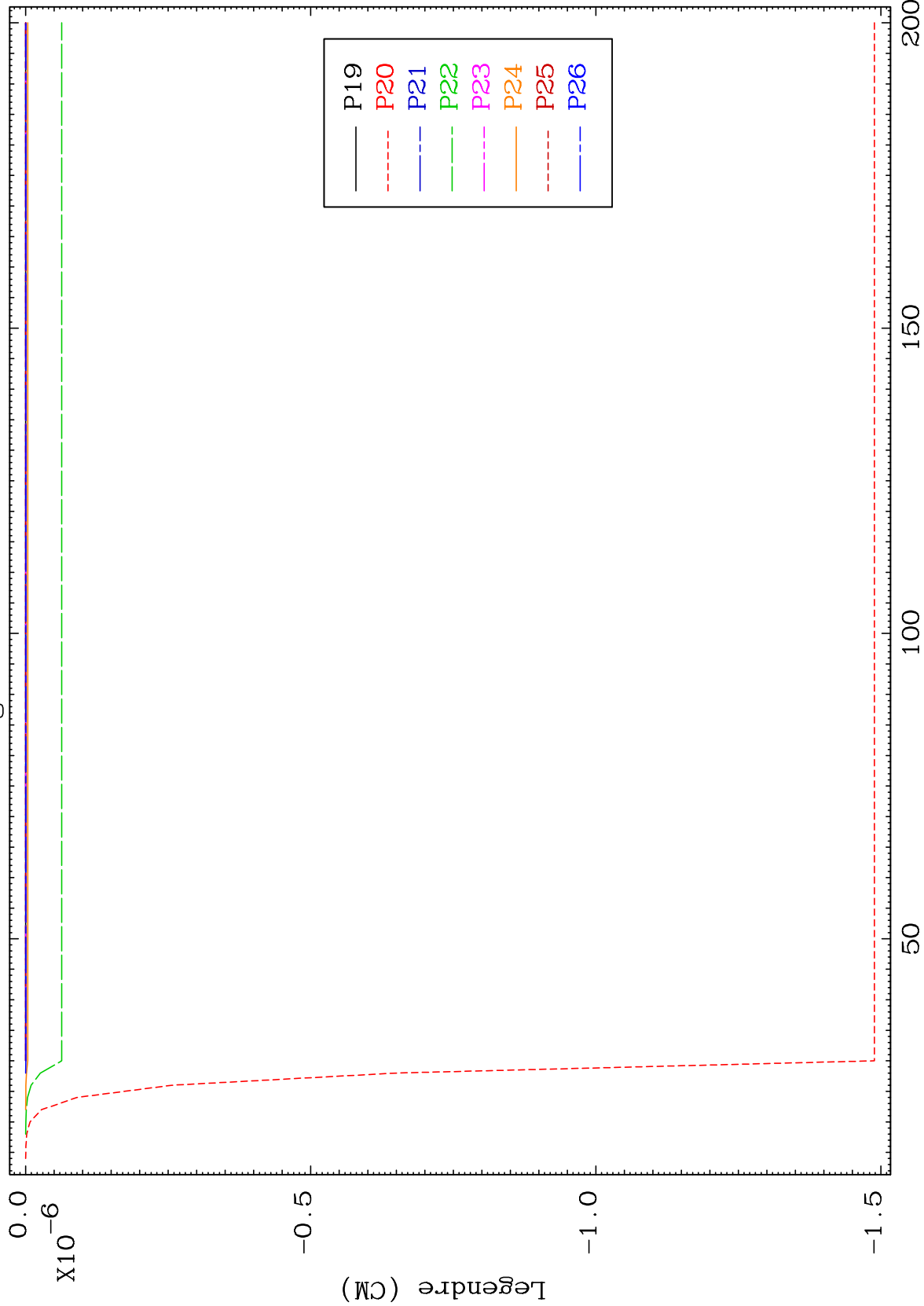
Incident Energy (MeV)

50

MAT 5534

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

55-Cs-136



55-Cs-136

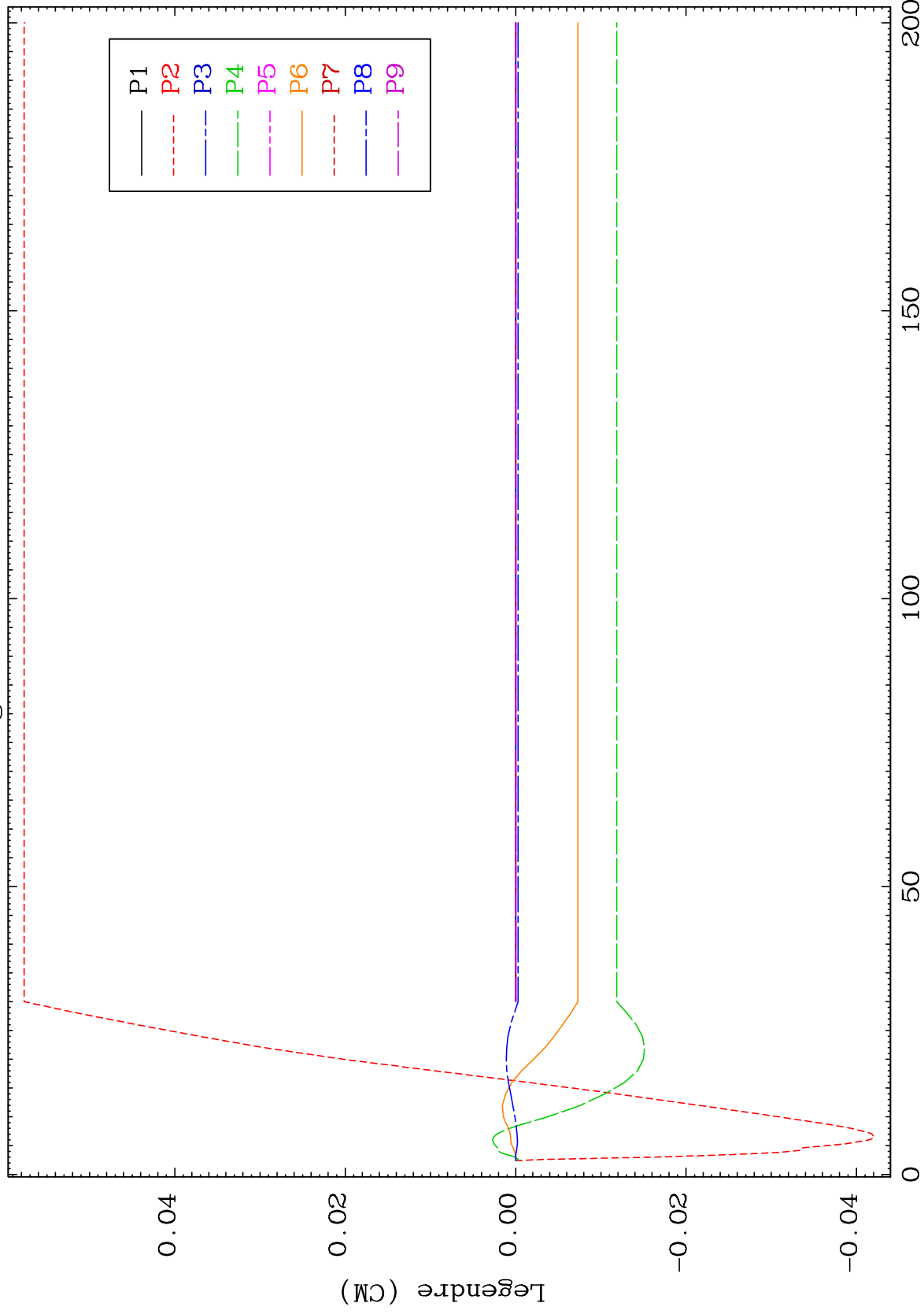
Incident Energy (MeV)

51

MAT 5534

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

55-Cs-136



52

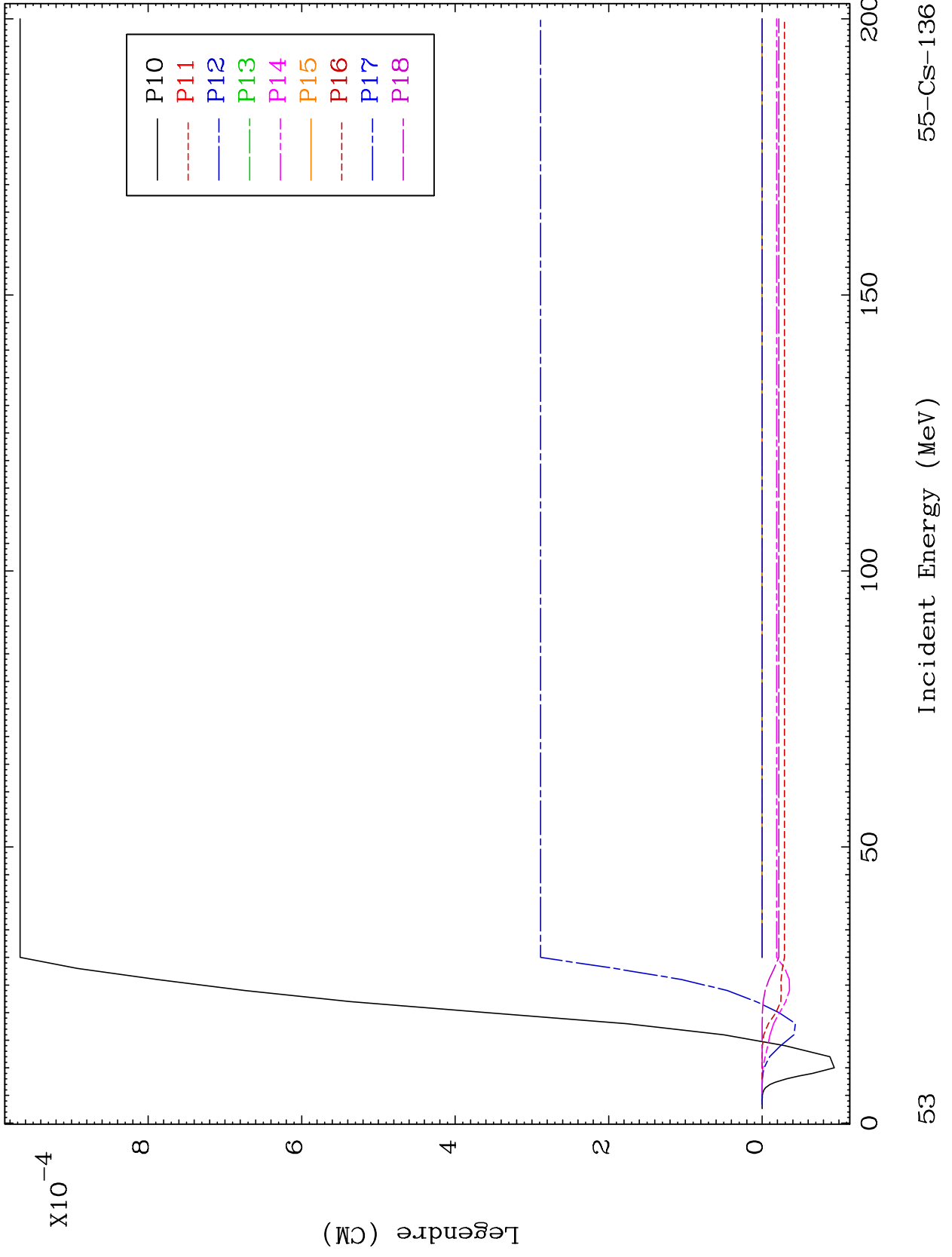
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



55-Cs-136

Incident Energy (MeV)

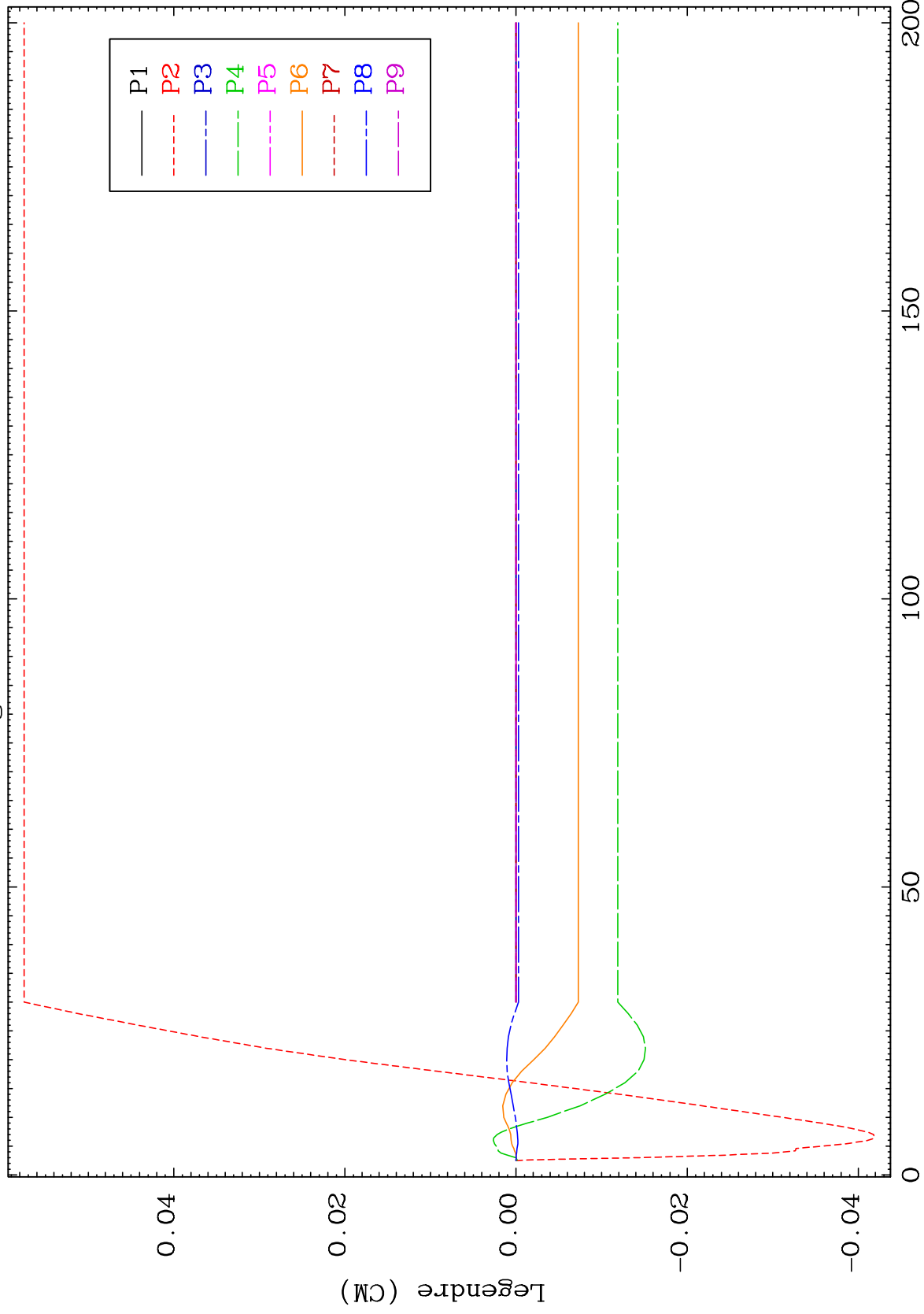
53



MAT 5534

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

55-Cs-136



55

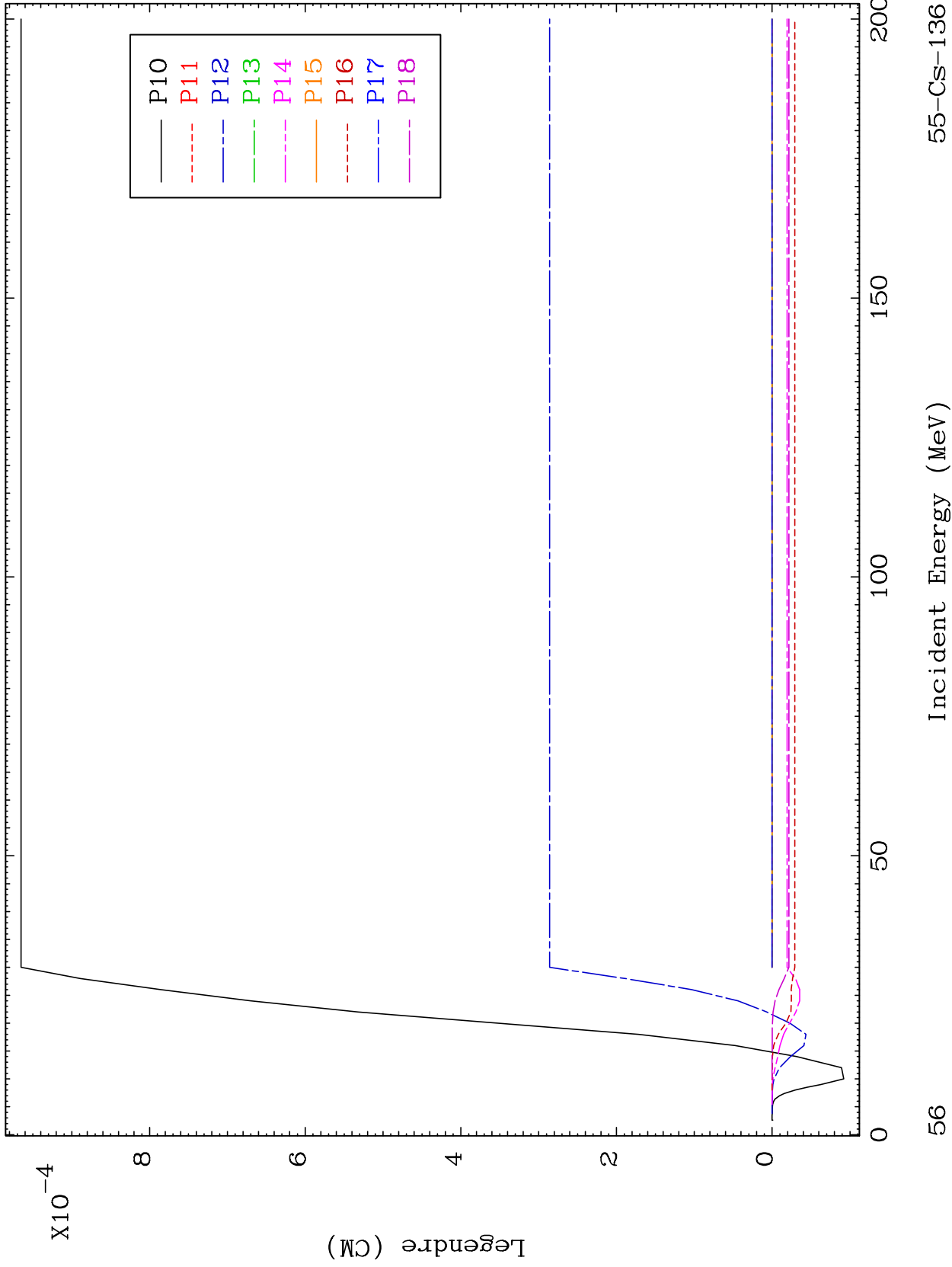
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

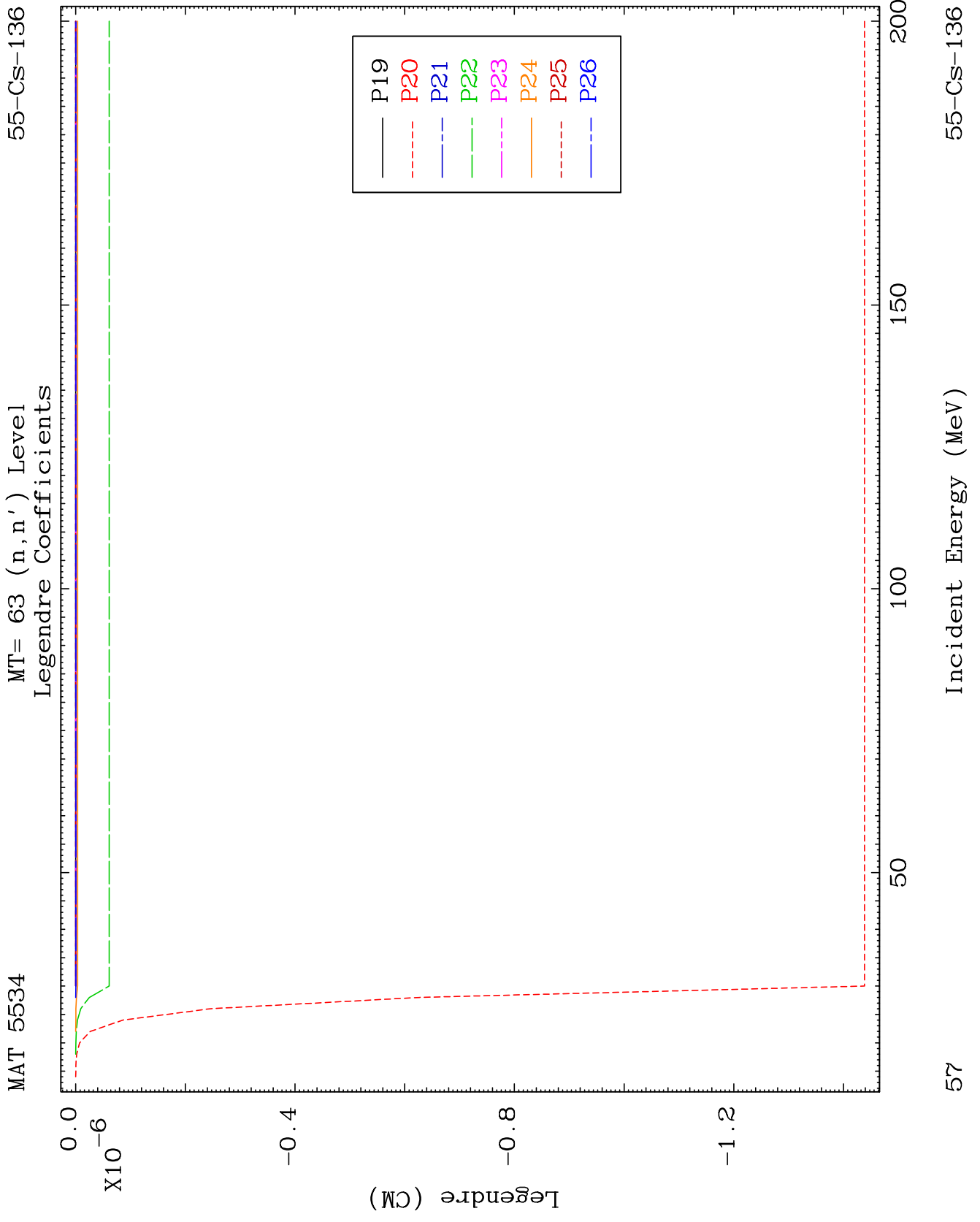
55-Cs-136



55-Cs-136

Incident Energy (MeV)

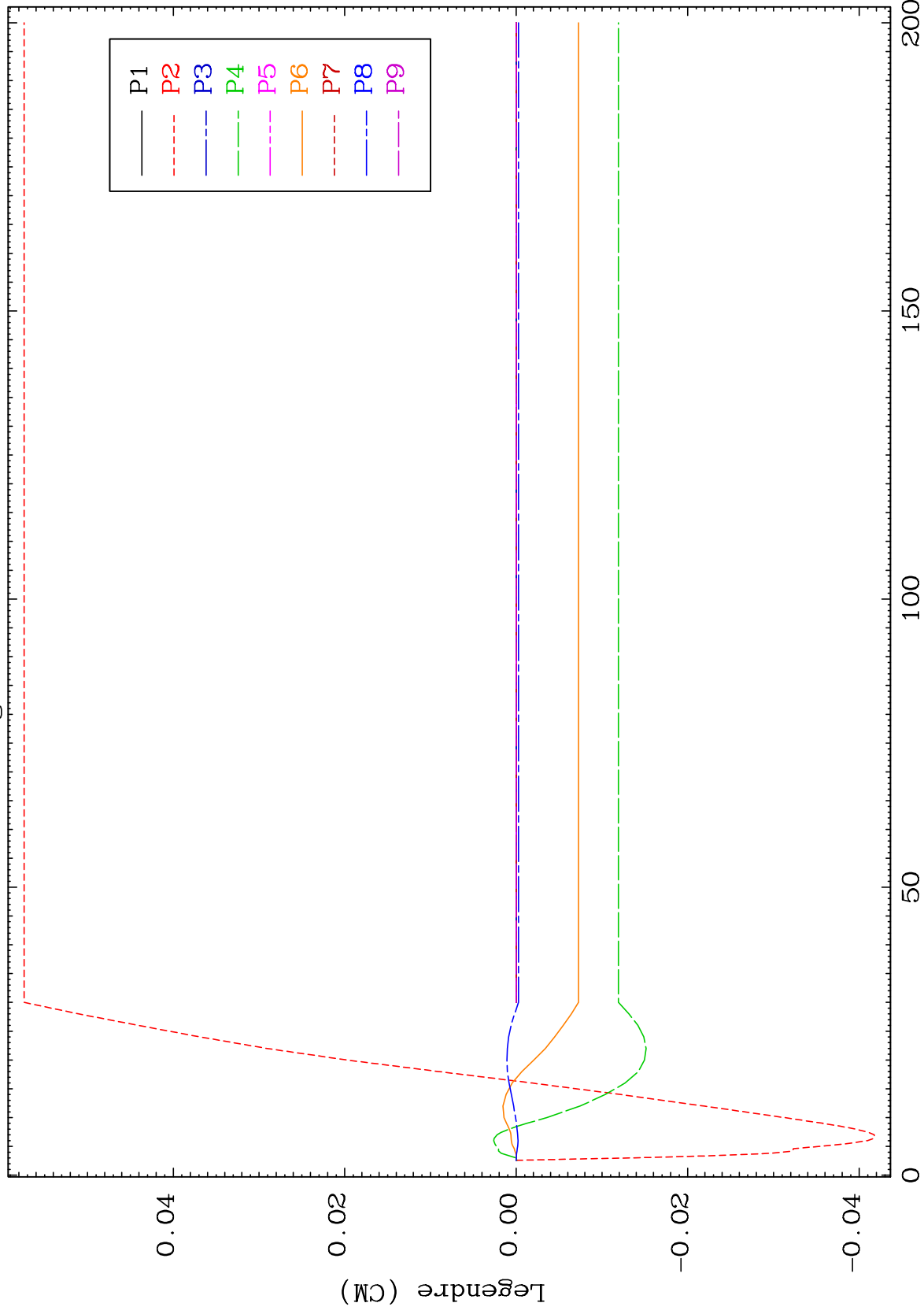
56



MAT 5534

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

55-Cs-136



58

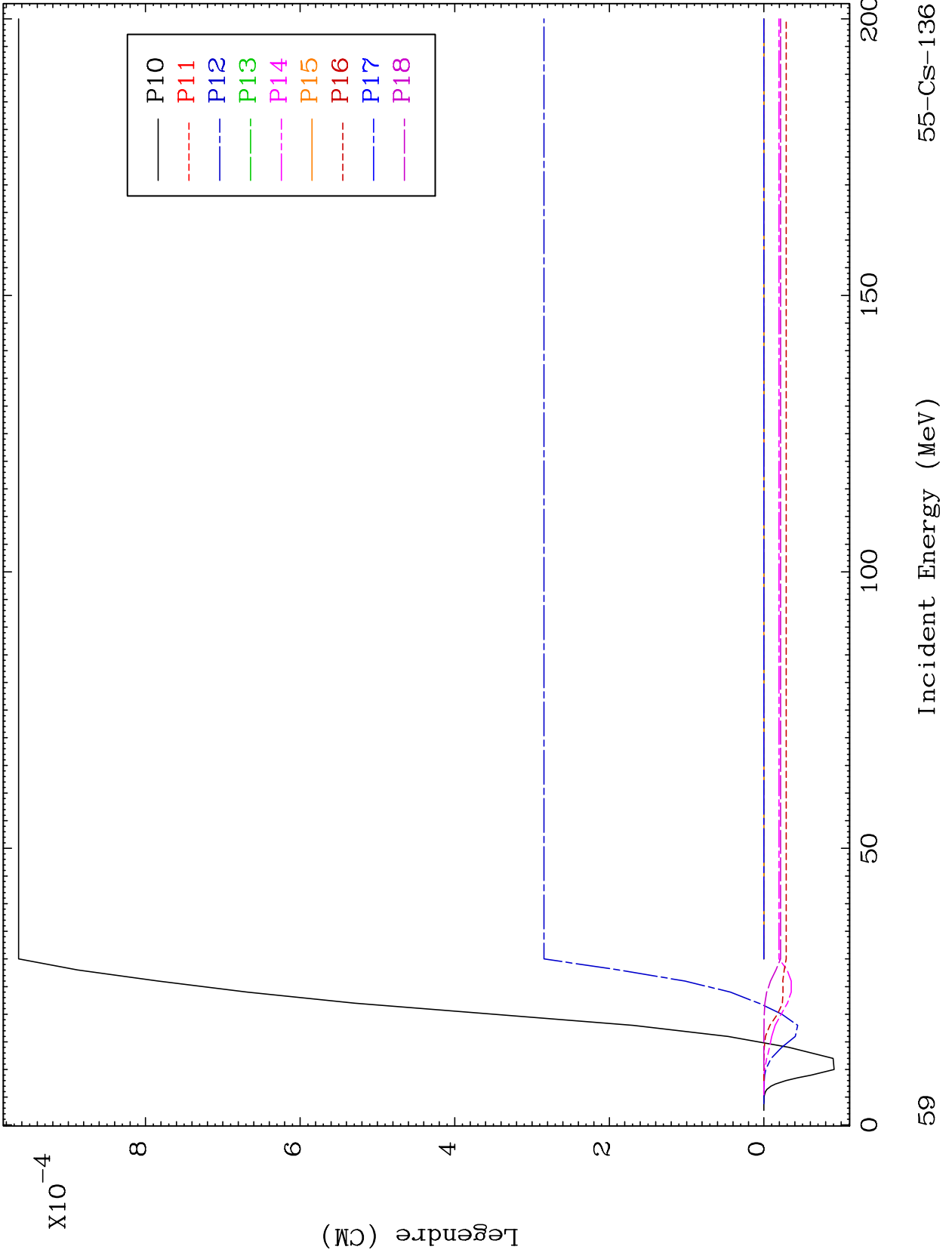
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

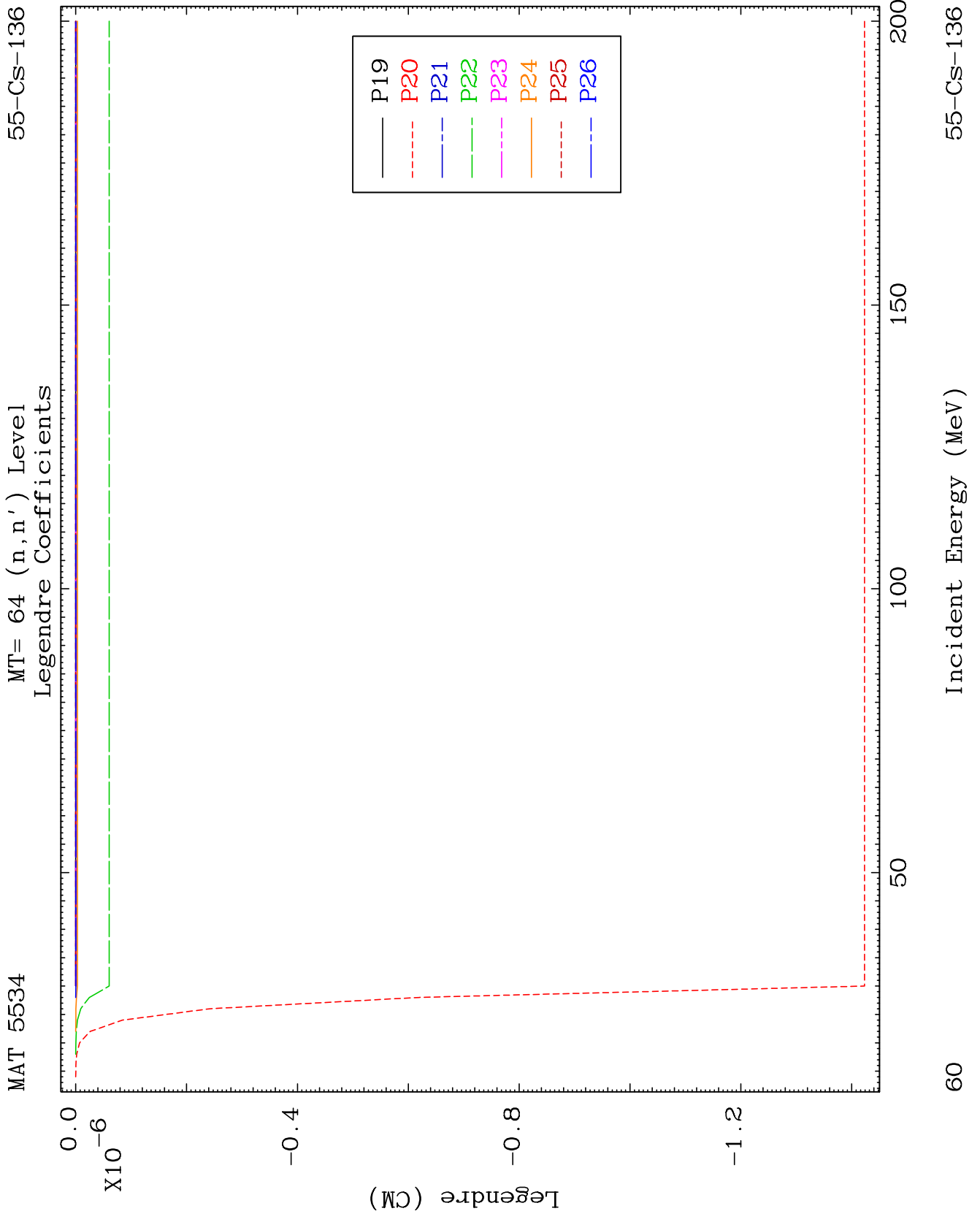
55-Cs-136



55-Cs-136

Incident Energy (MeV)

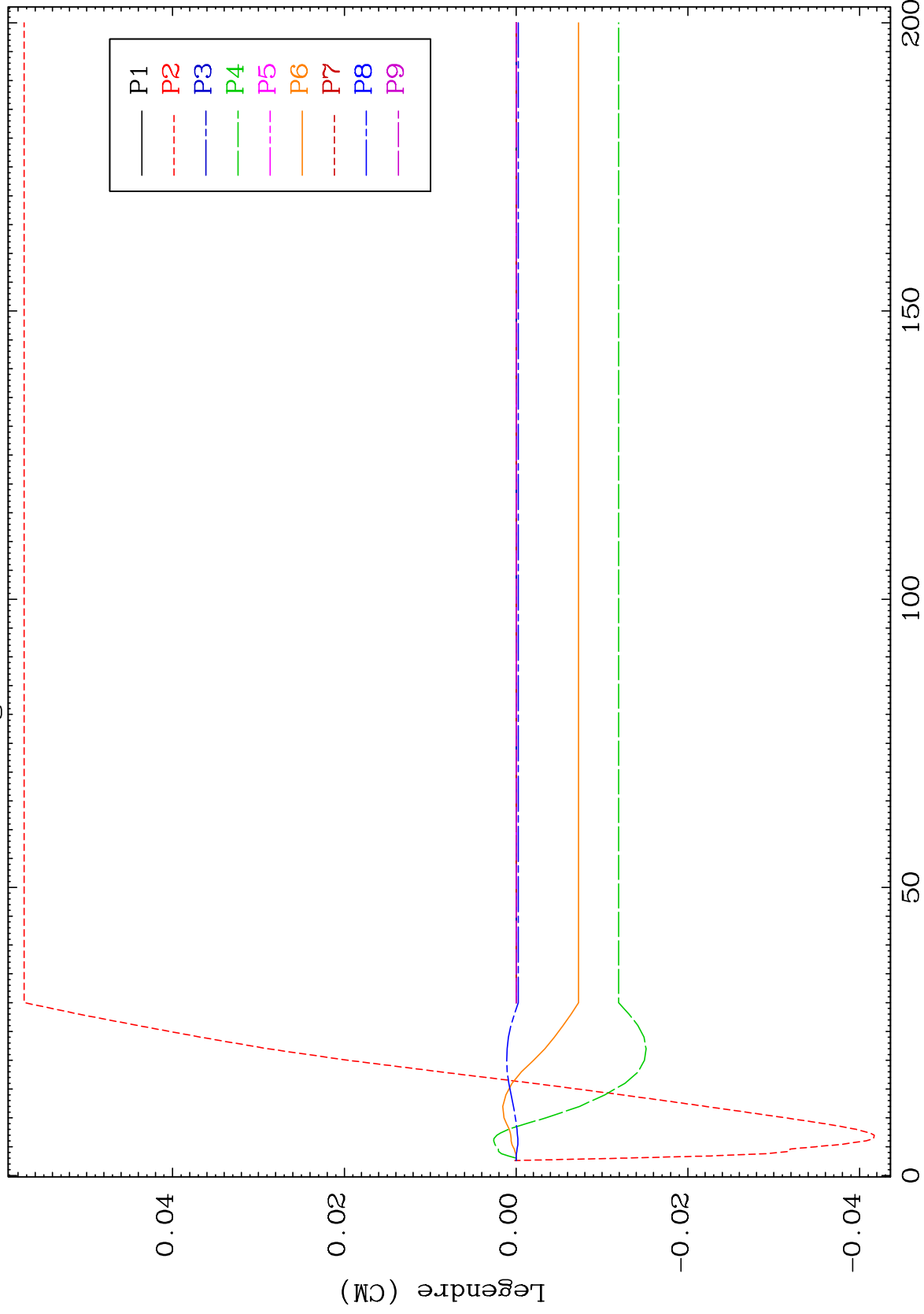
59



MAT 5534

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

55-Cs-136



61

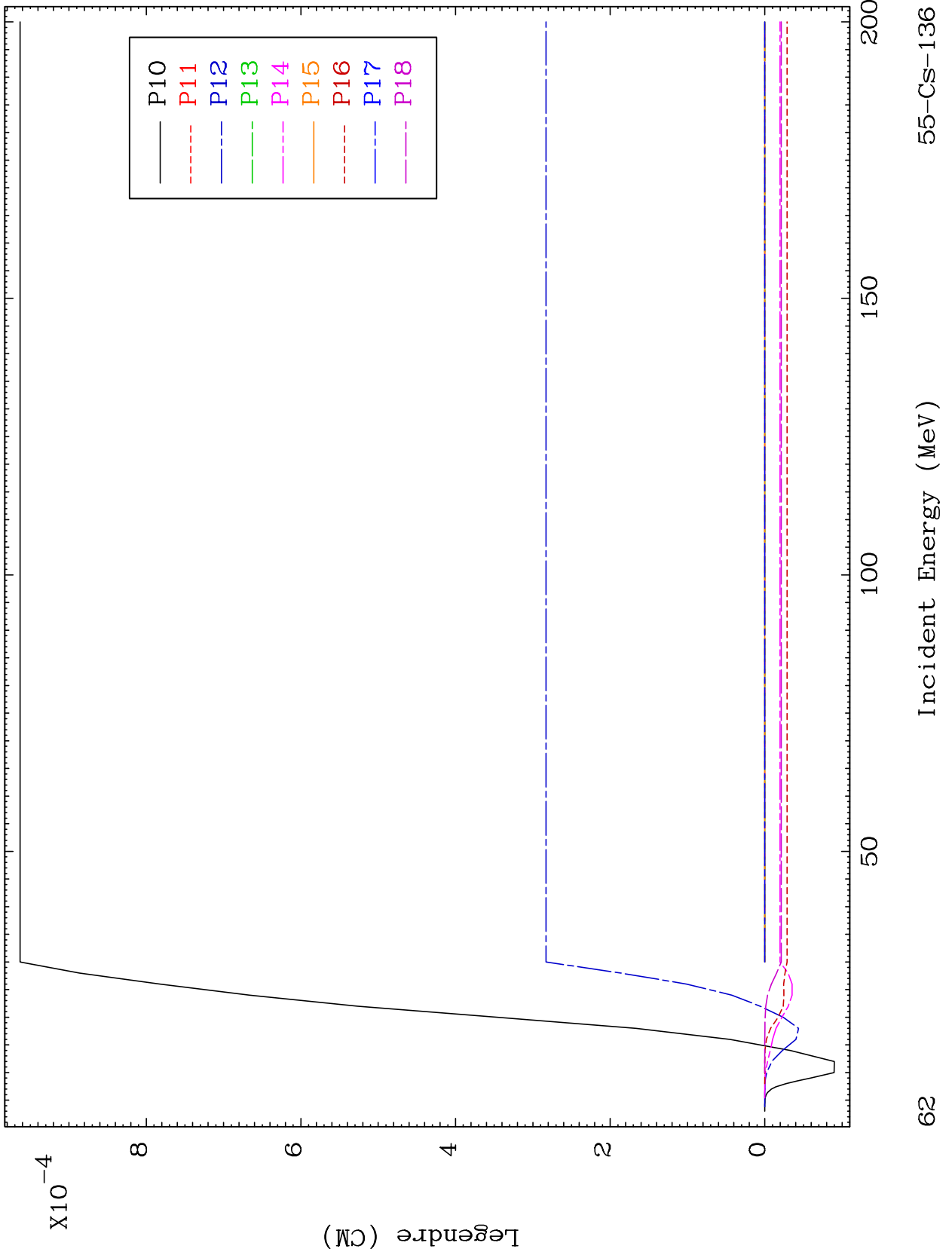
Incident Energy (MeV)

55-Cs-136

MAT 5534

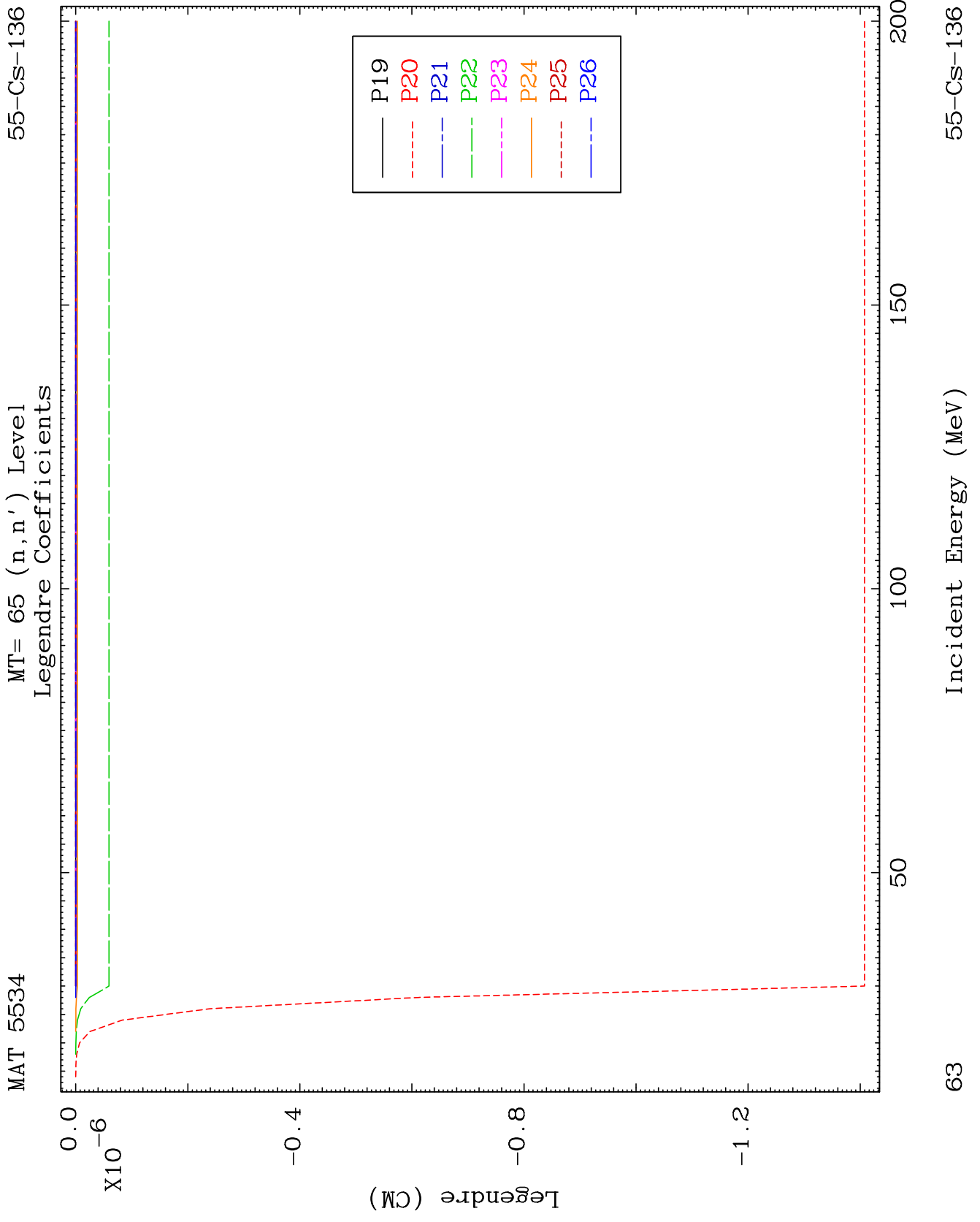
MT= 65 (n,n') Level  
Legendre Coefficients

55-Cs-136



62

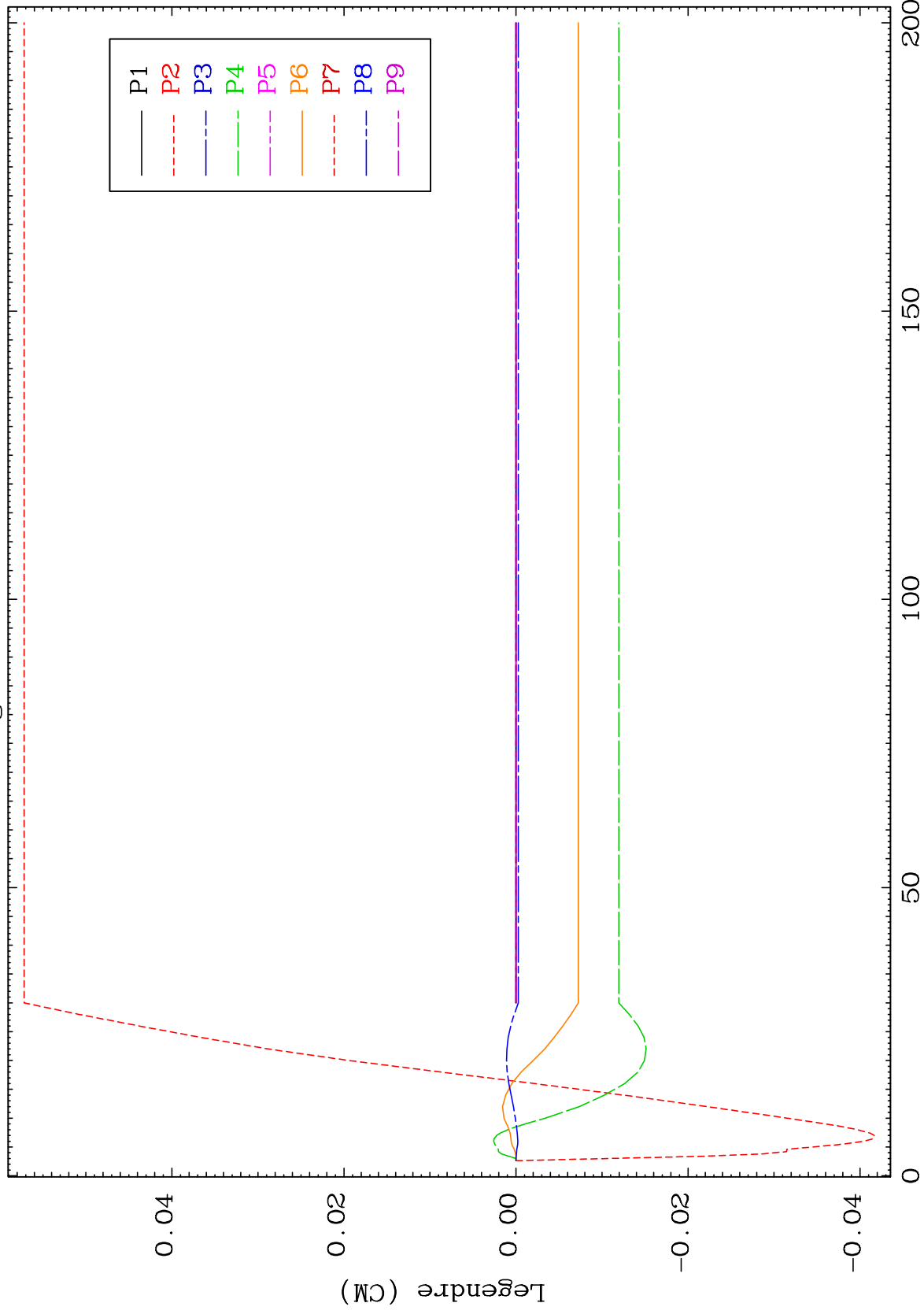
55-Cs-136



MAT 5534

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

55-Cs-136



64

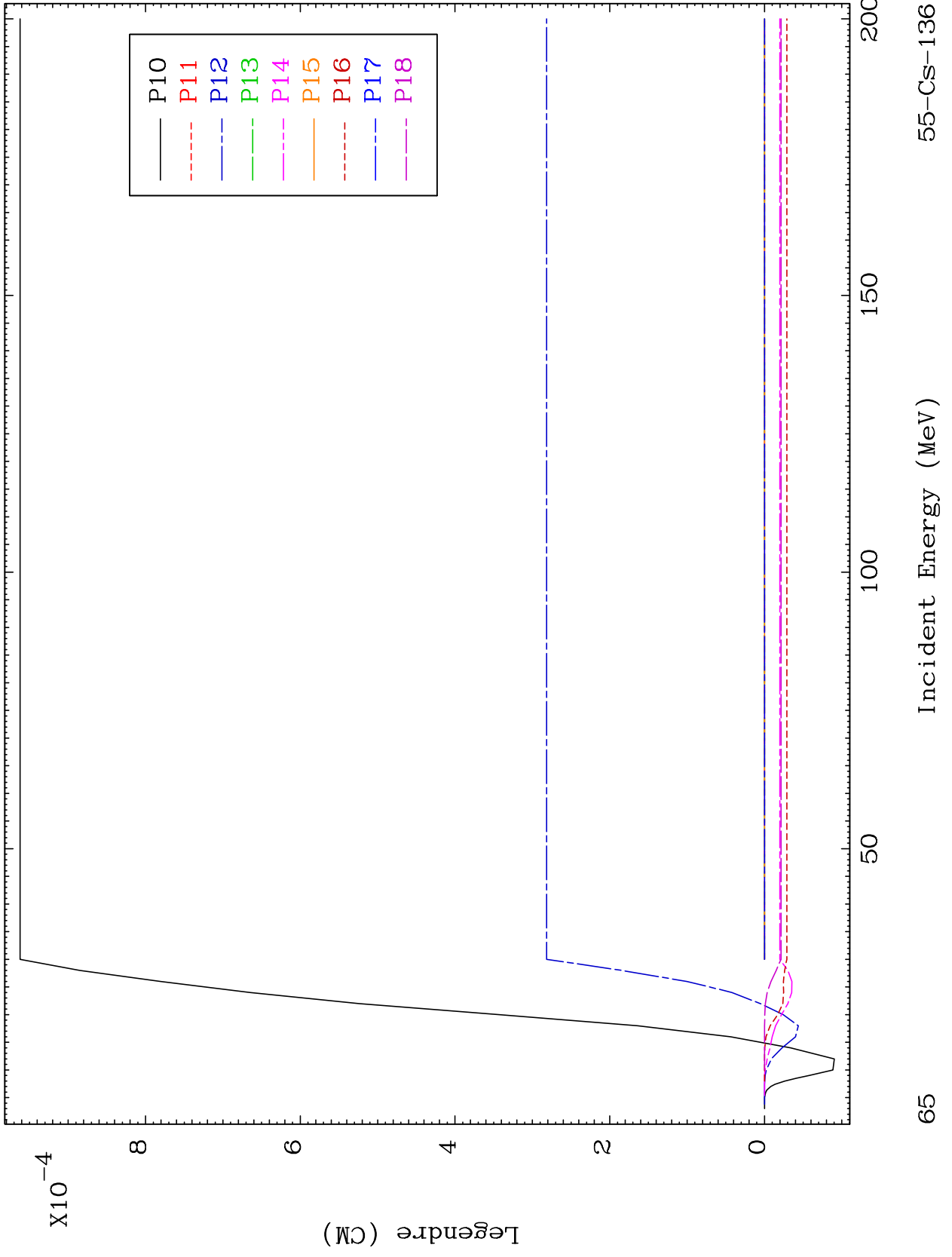
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

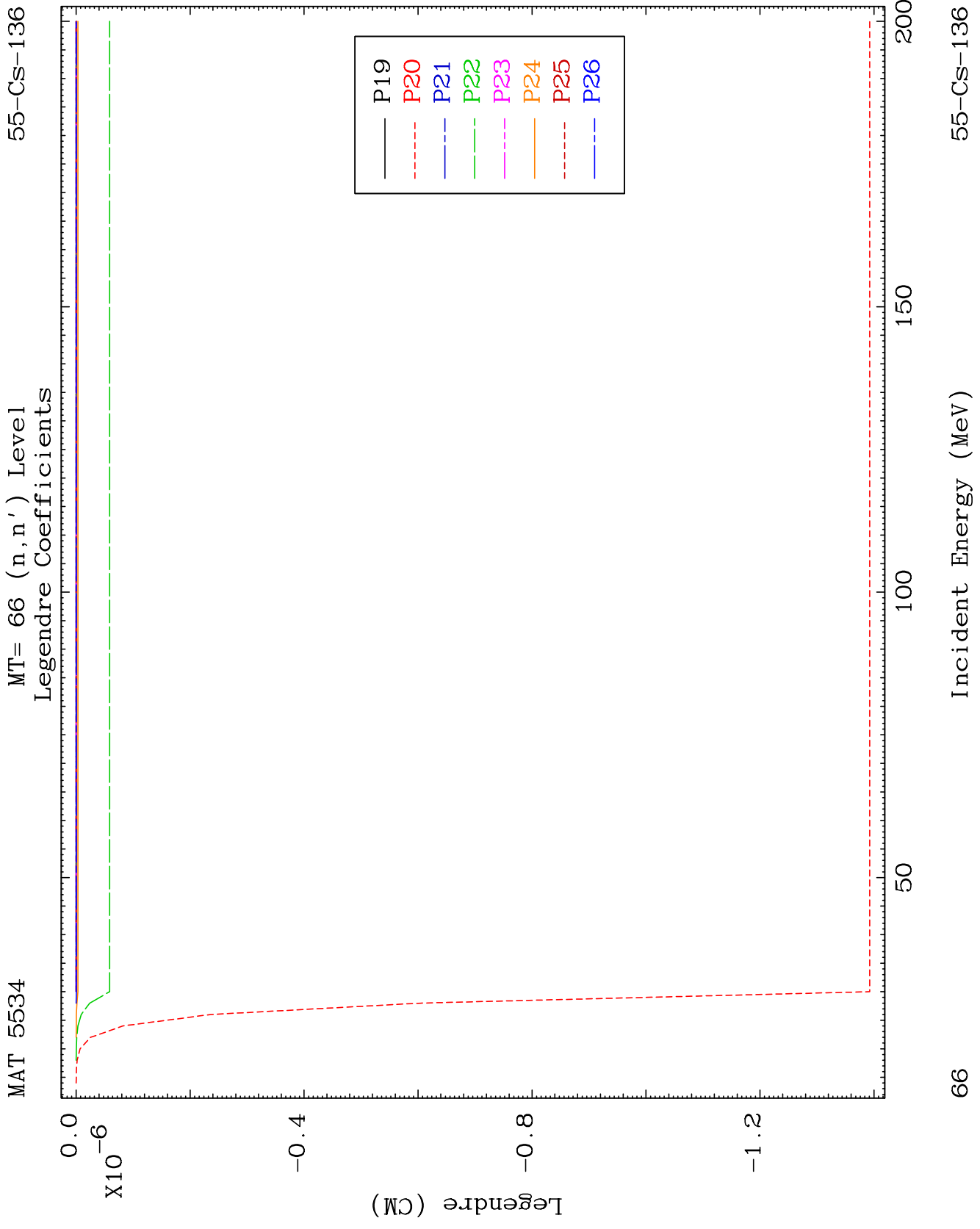
55-Cs-136



55-Cs-136

Incident Energy (MeV)

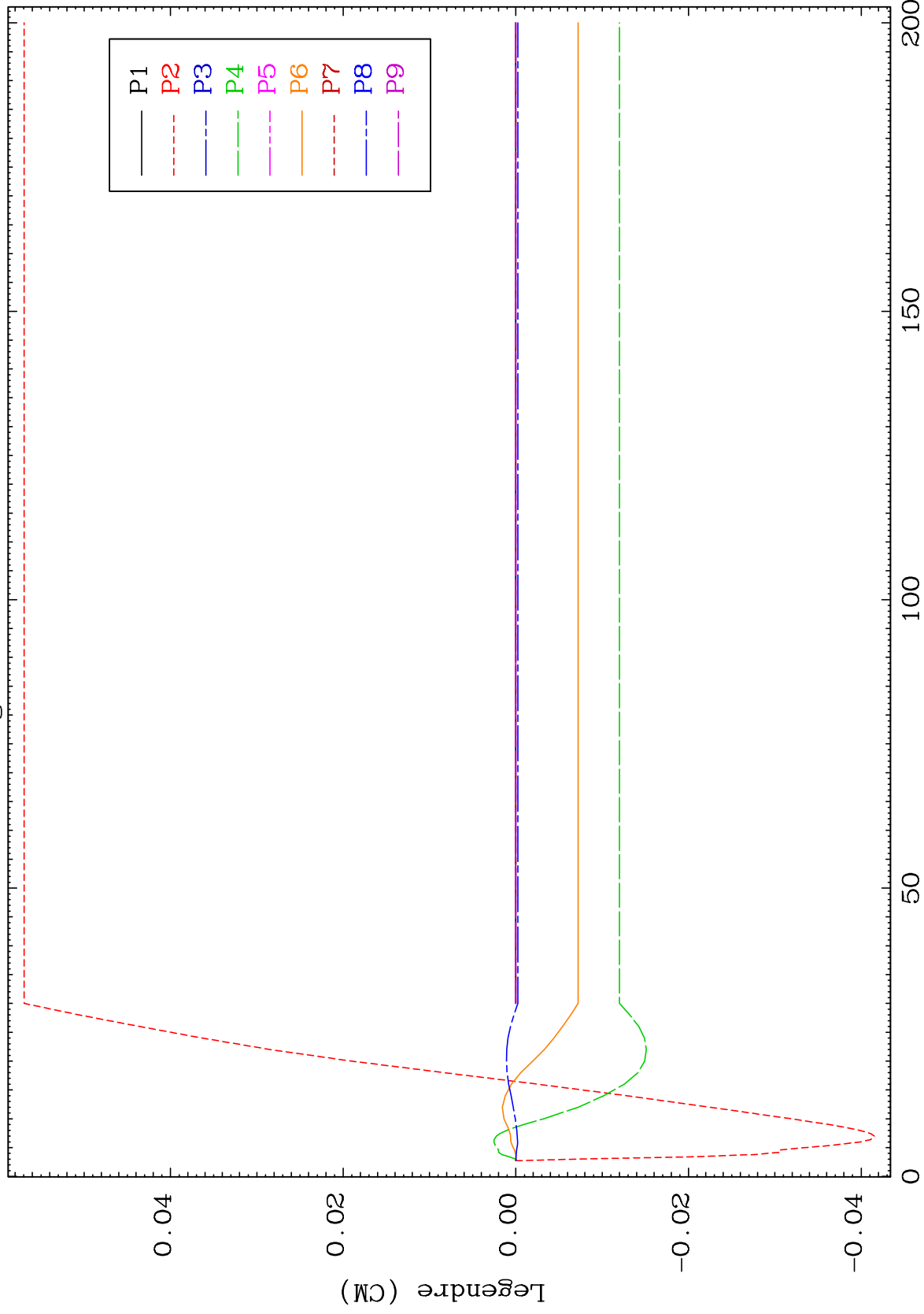
65



MAT 5534

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

55-Cs-136



67

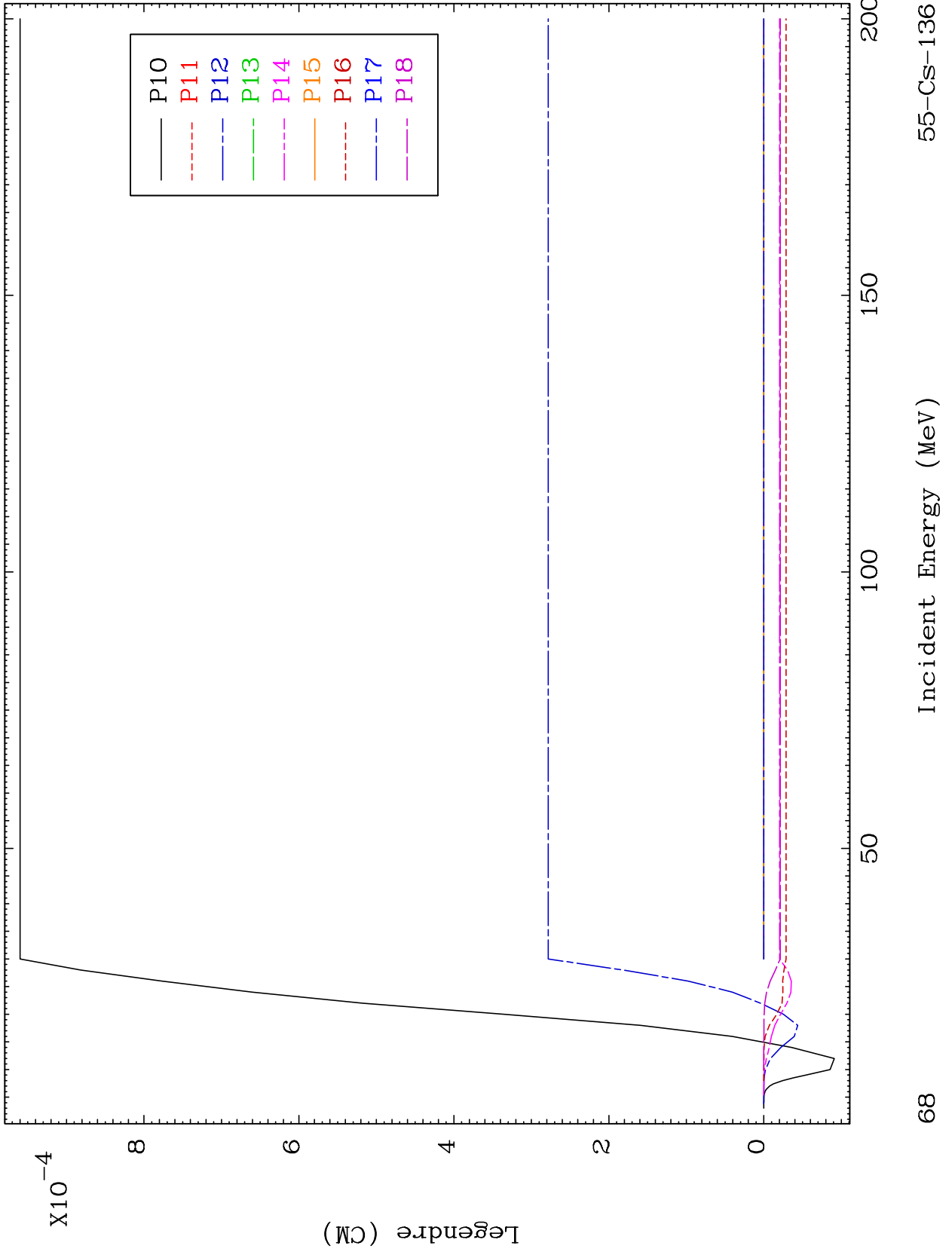
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



68

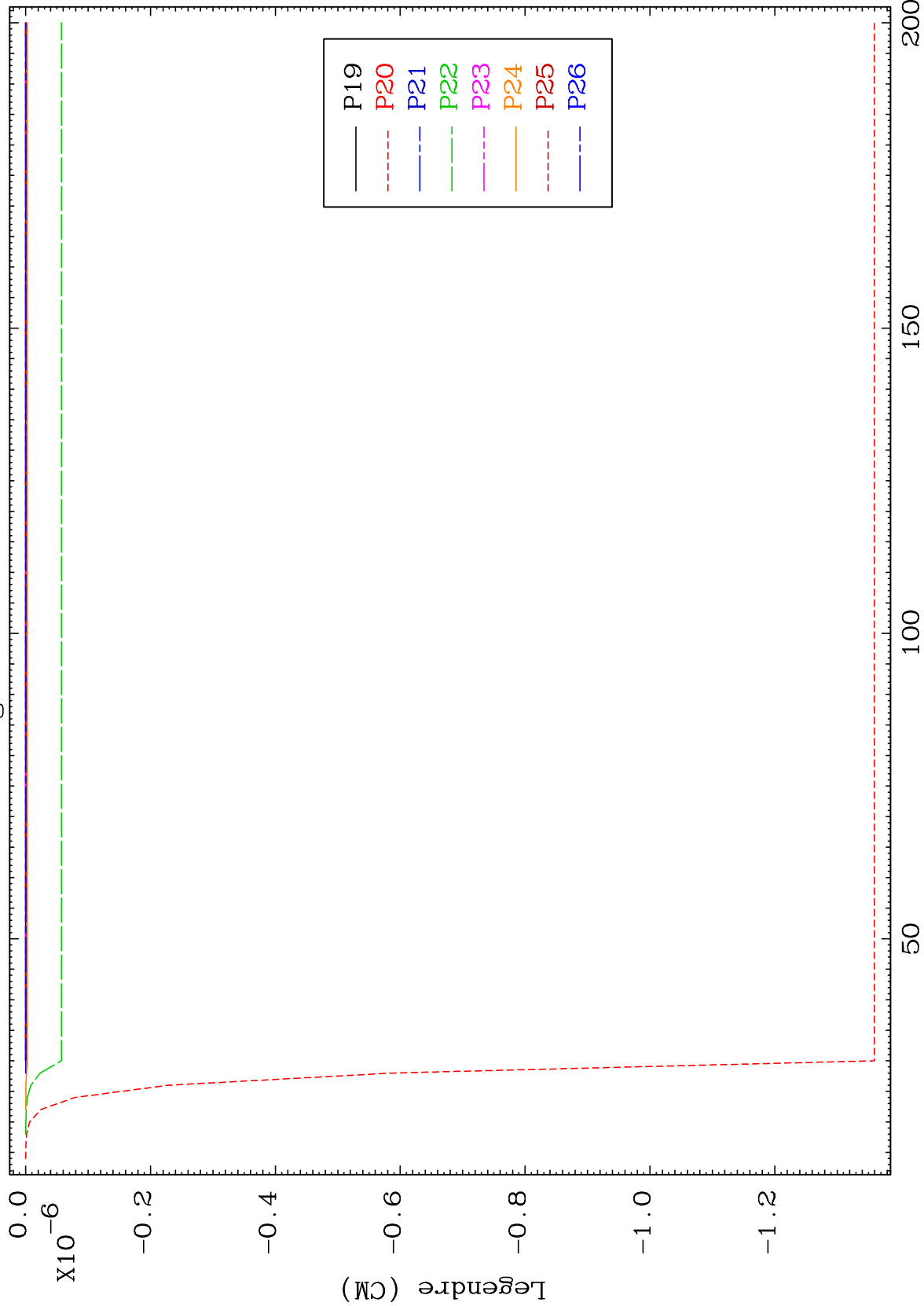
Incident Energy (MeV)

55-Cs-136

MAT 5534

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

55-Cs-136



55-Cs-136

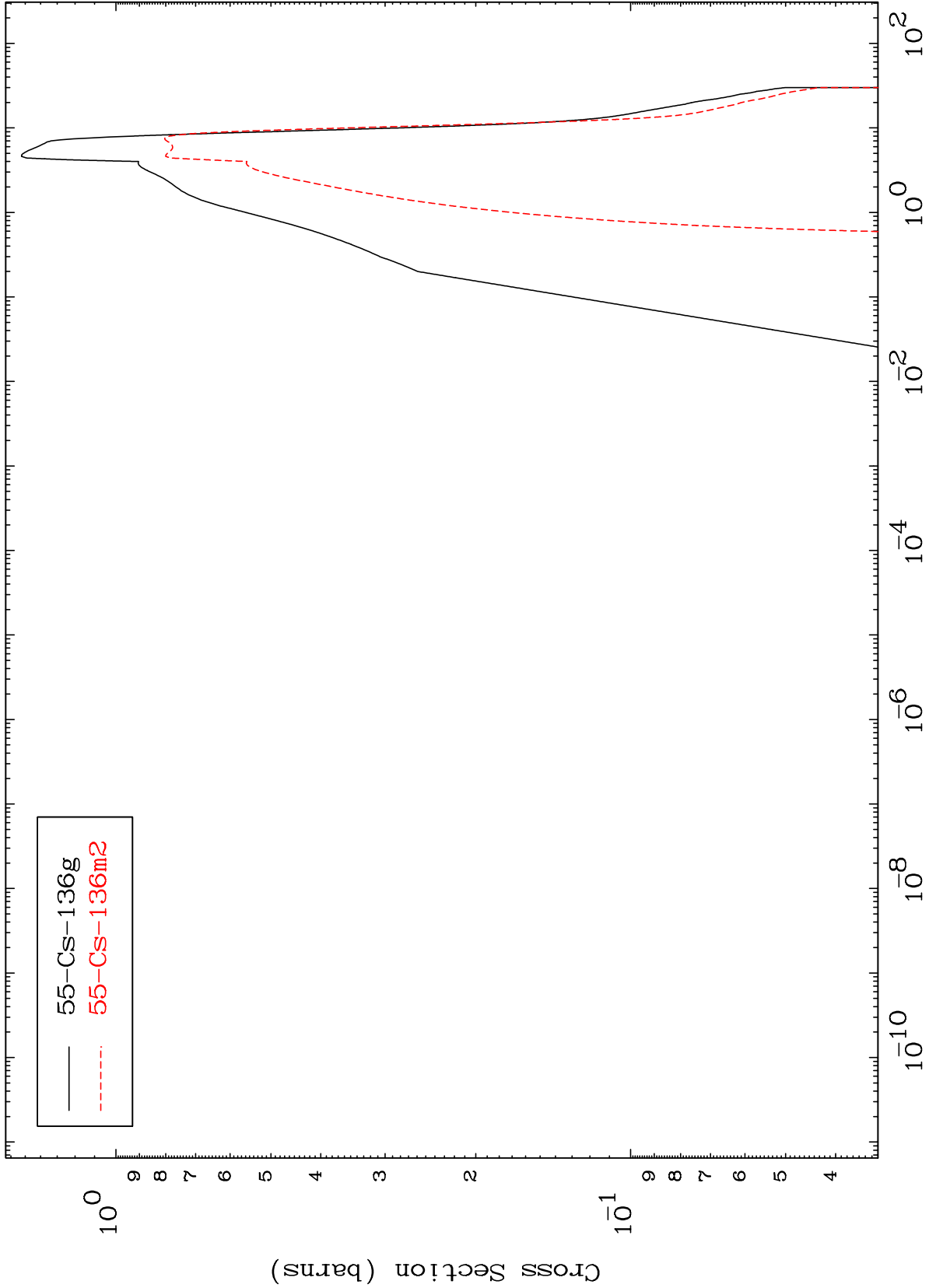
Incident Energy (MeV)

69

MAT 5534

Radionuclide Production Cross Section

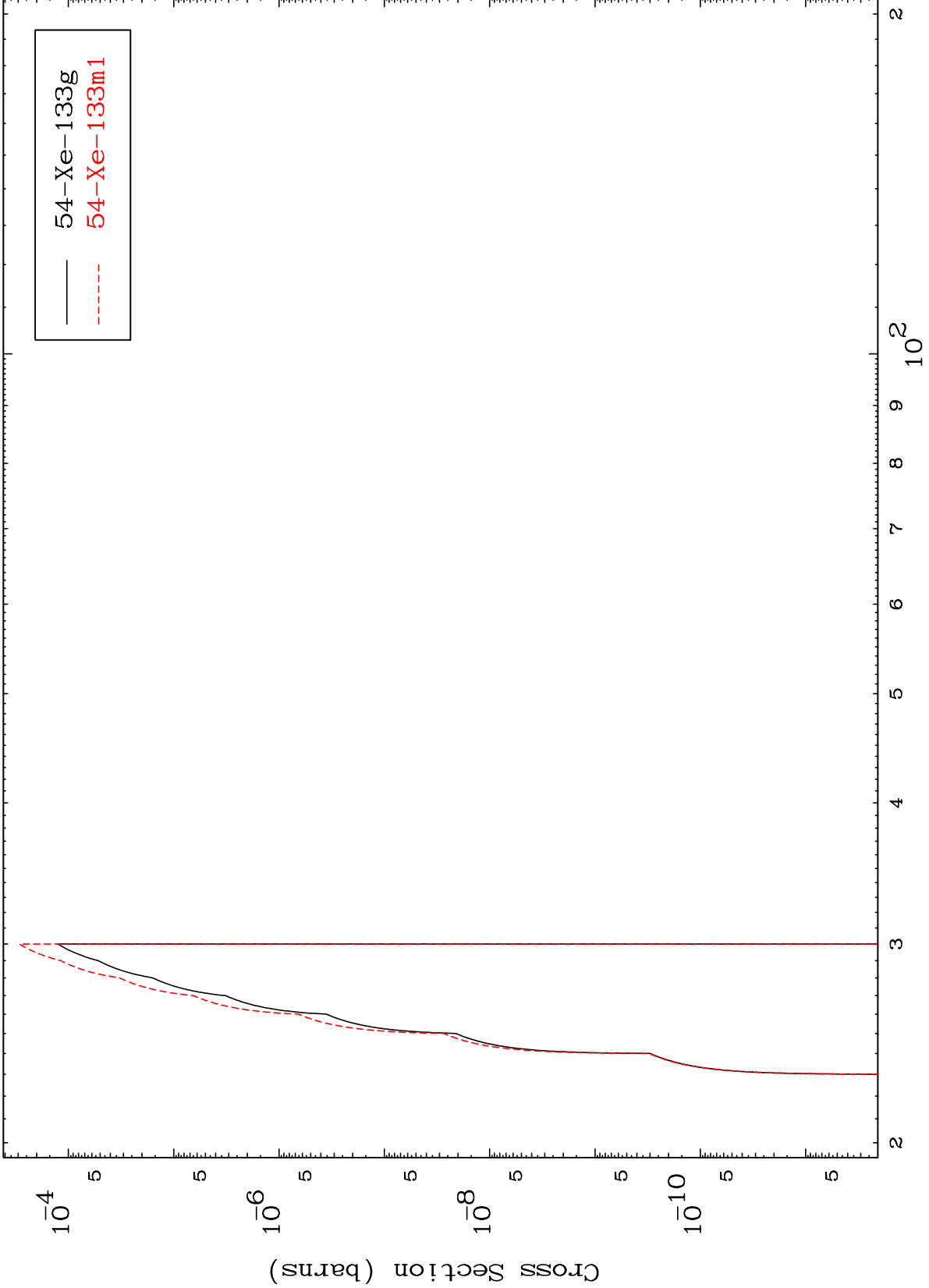
55-Cs-136



70

55-Cs-136

Radionuclide Production Cross Section

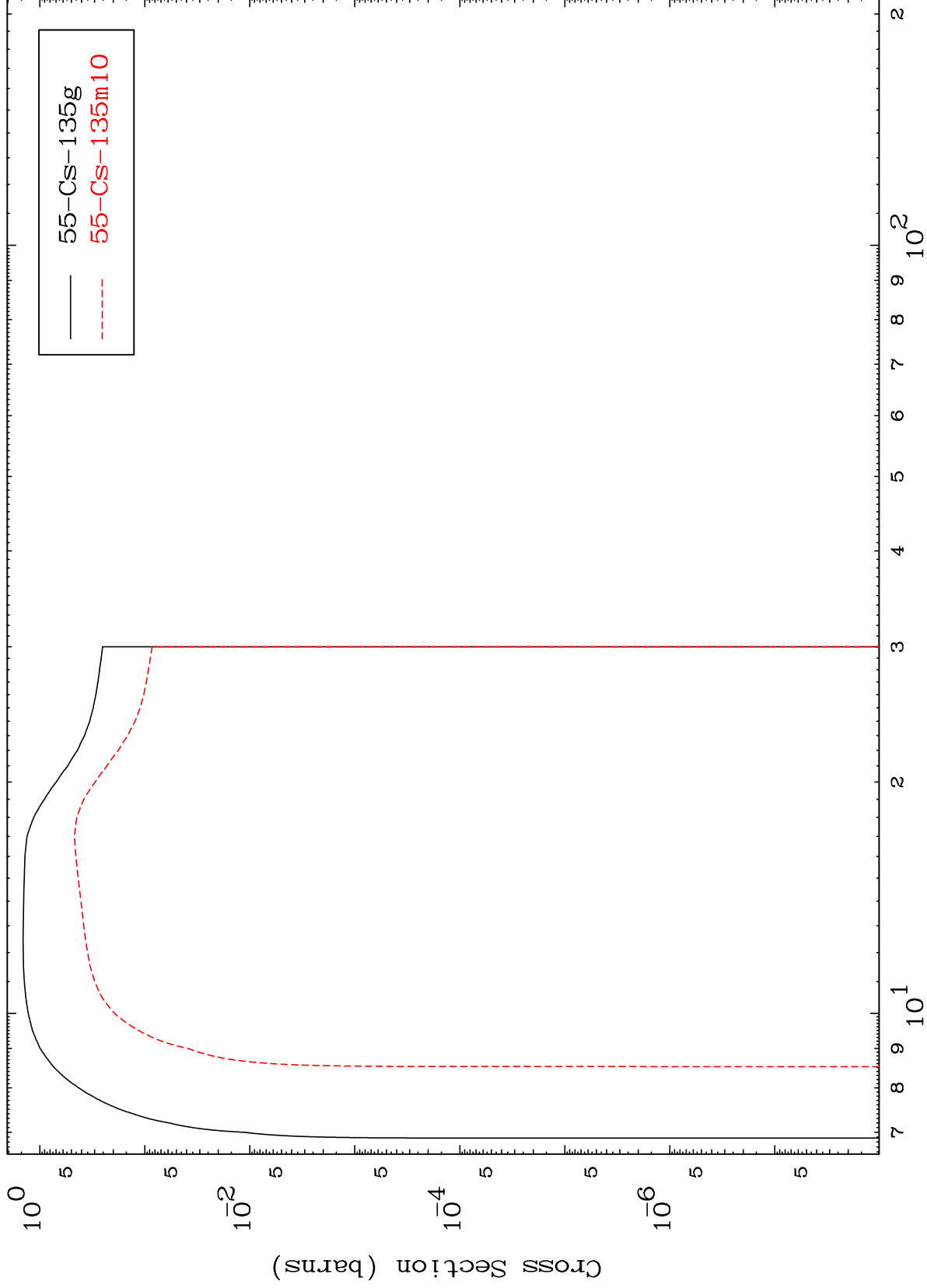


MAT 5534

(n,2n)

55-Cs-136

Radionuclide Production Cross Section



72

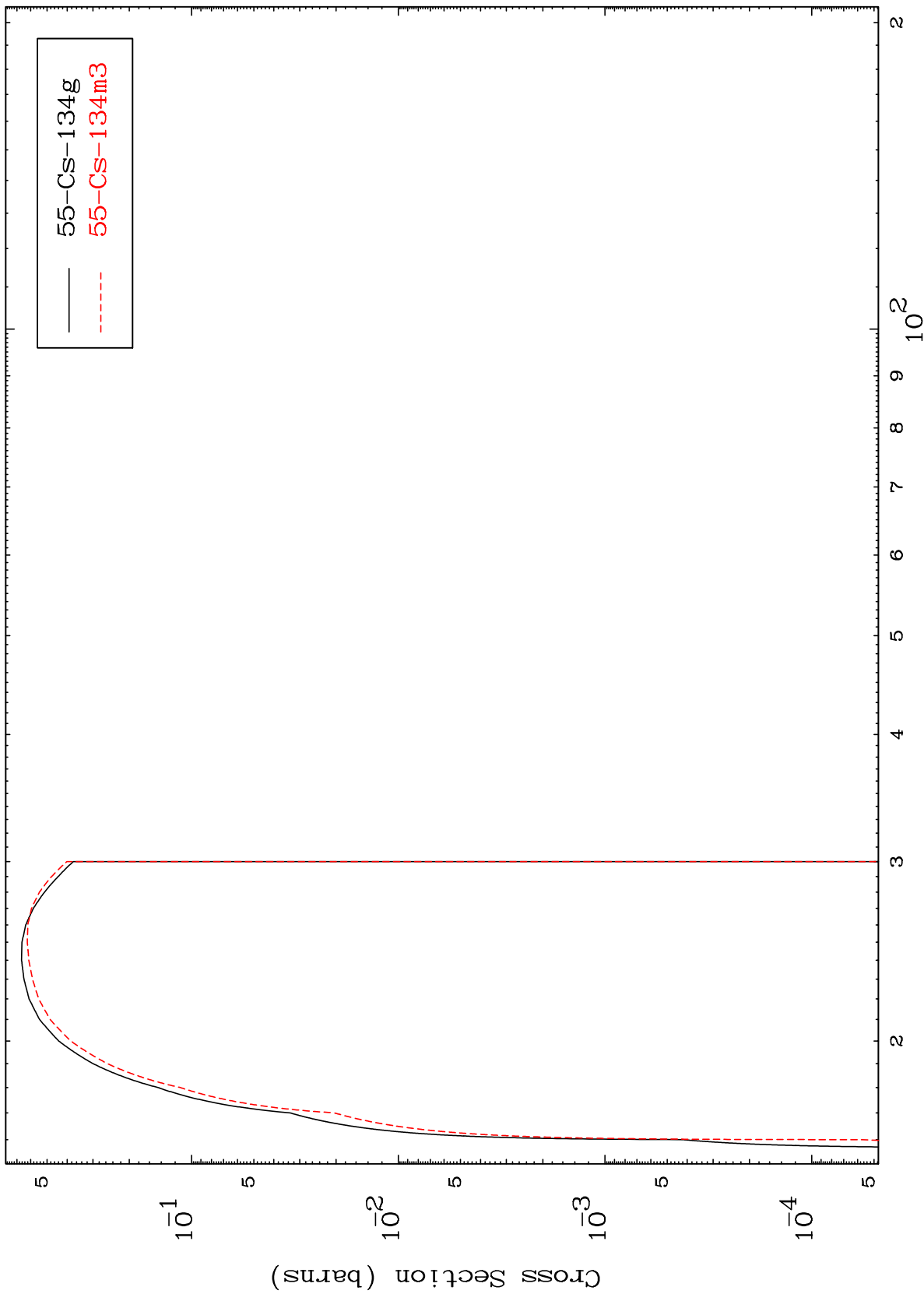
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

(n,3n)  
Radionuclide Production Cross Section



73

Incident Energy (MeV)

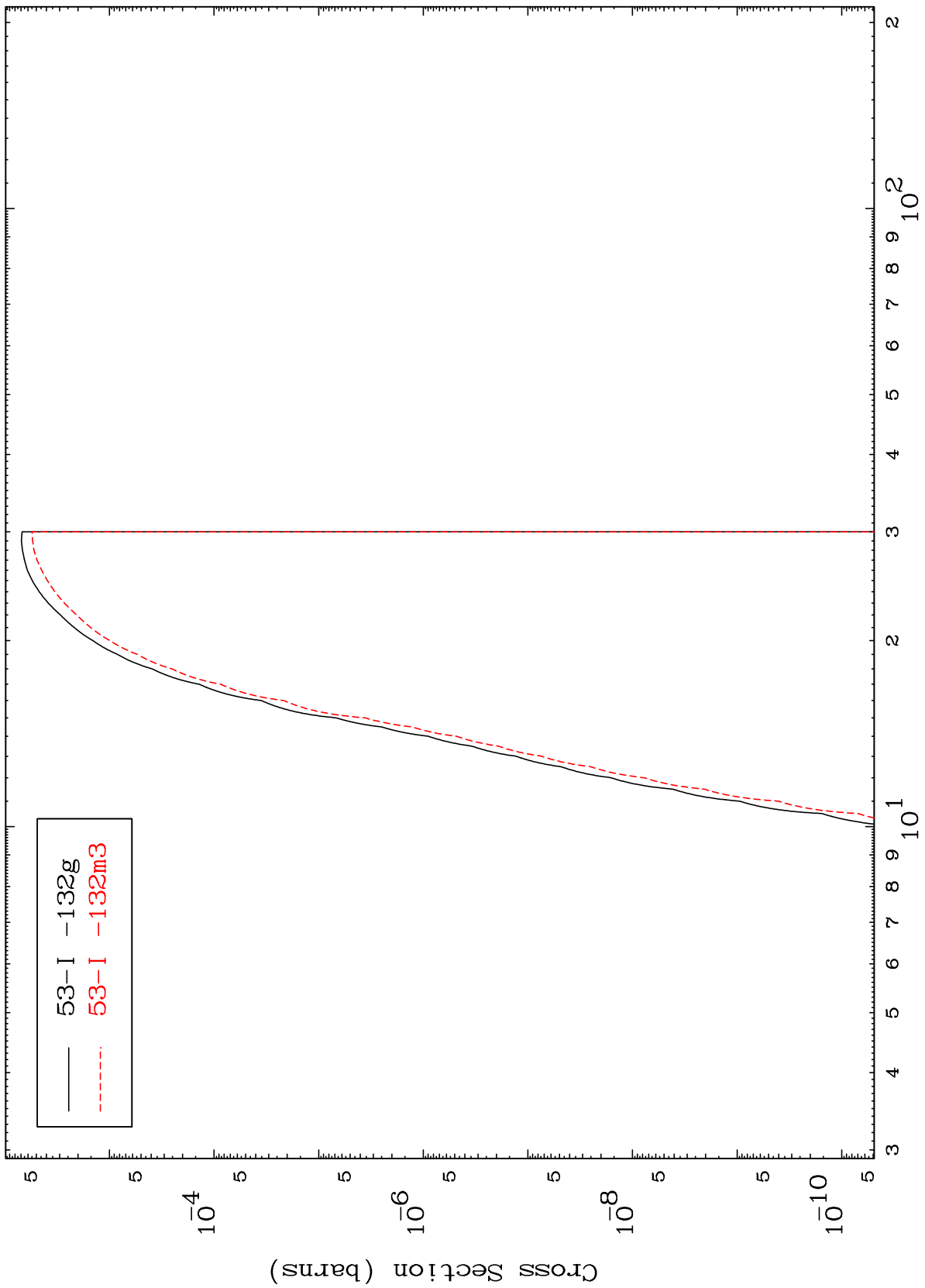
55-Cs-136

MAT 5534

(n,n')  $\alpha$

55-Cs-136

Radionuclide Production Cross Section



74

Incident Energy (MeV)

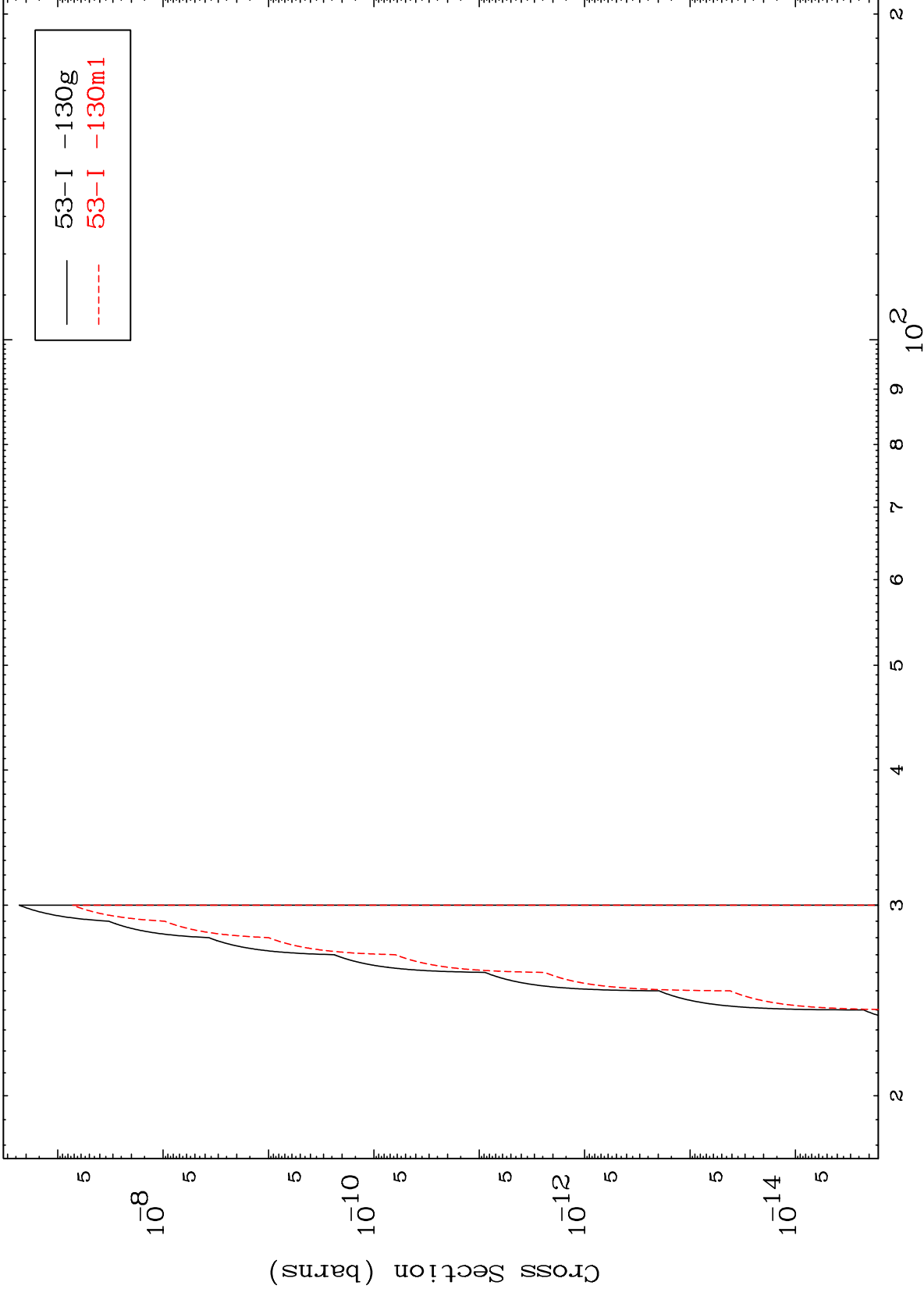
55-Cs-136

MAT 5534

(n,3n)  $\alpha$

55-Cs-136

Radionuclide Production Cross Section



75

Incident Energy (MeV)

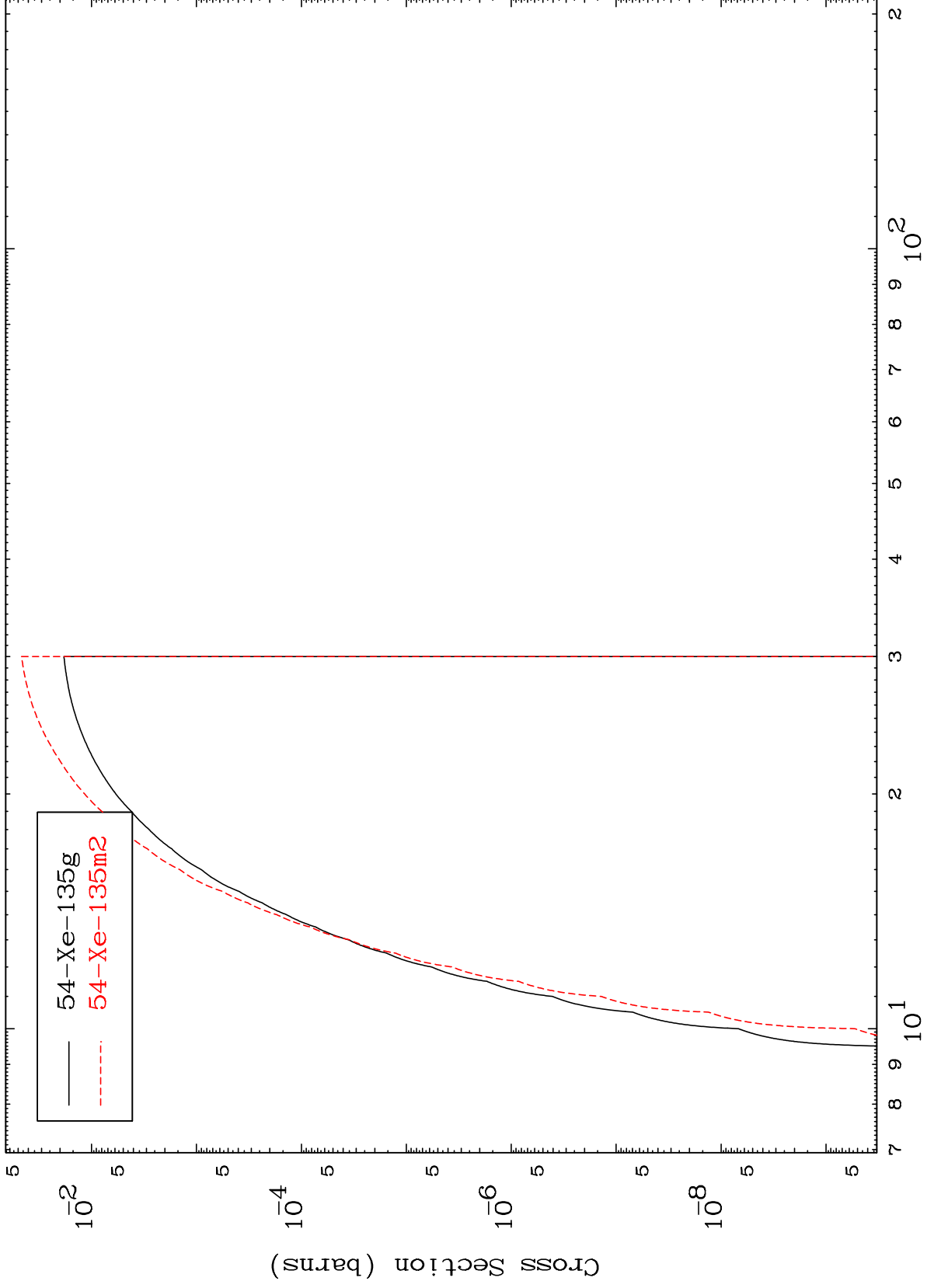
55-Cs-136

MAT 5534

(n,n') p

55-Cs-136

Radionuclide Production Cross Section



76

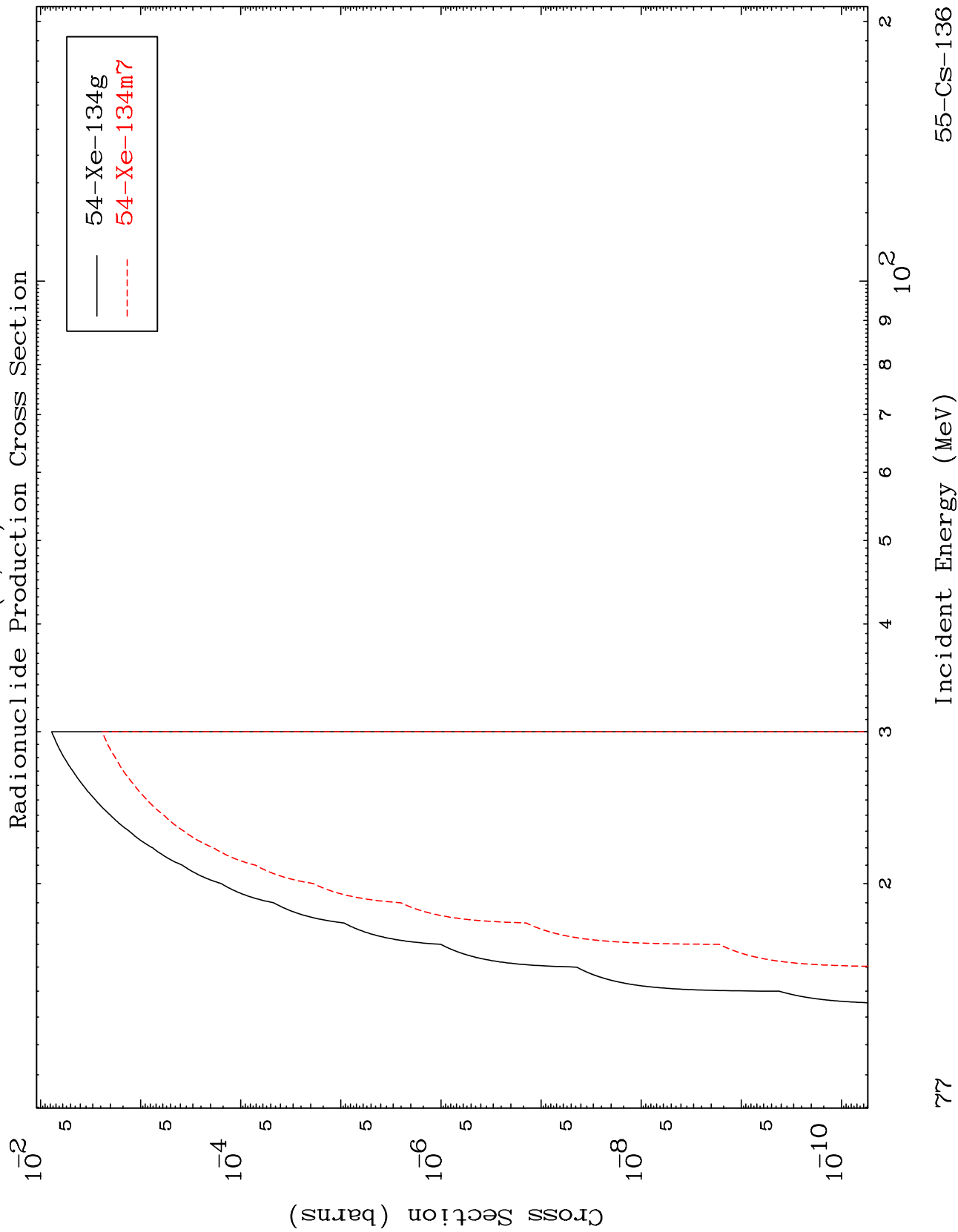
Incident Energy (MeV)

55-Cs-136

MAT 5534

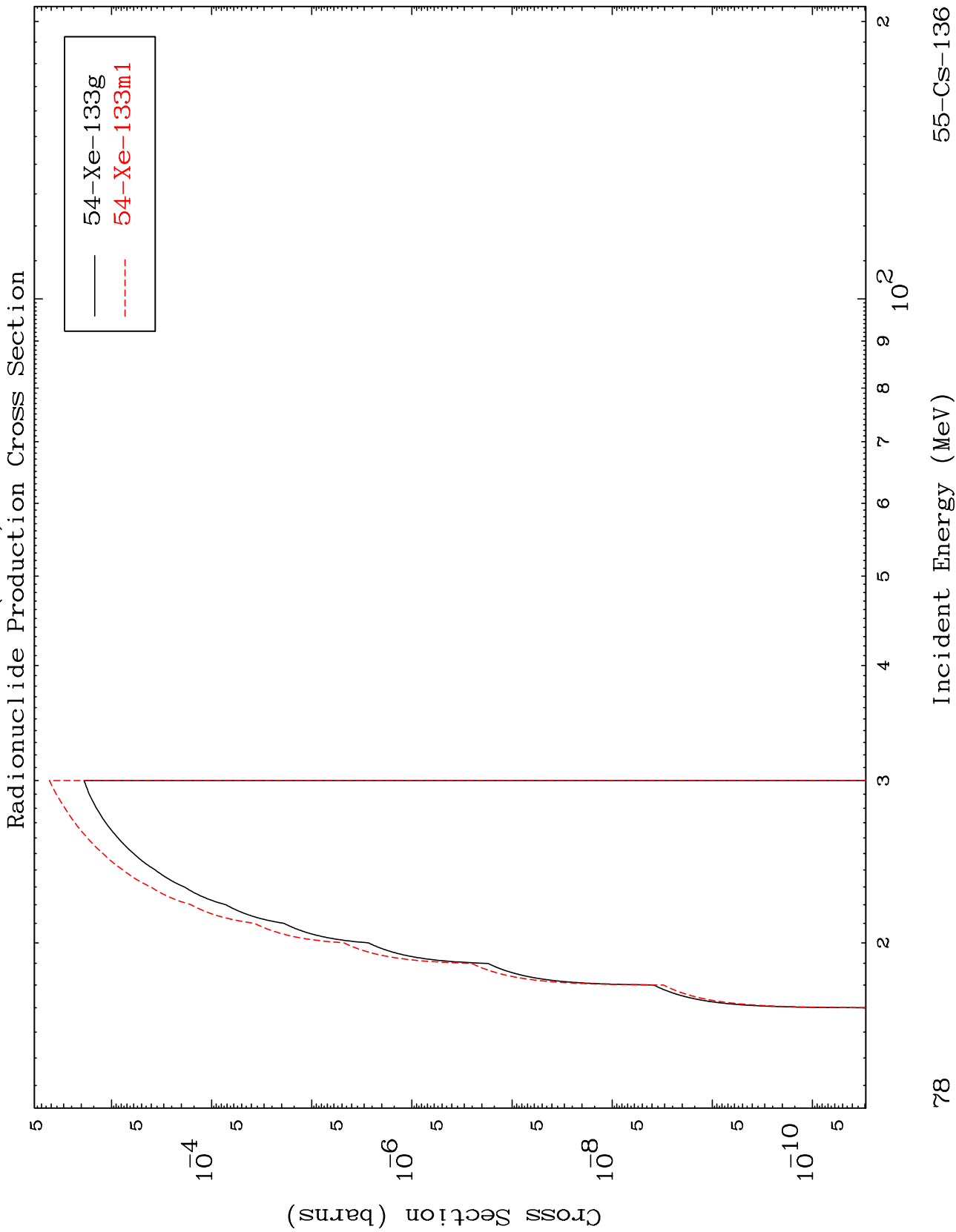
(n,n') d

55-Cs-136



77

55-Cs-136

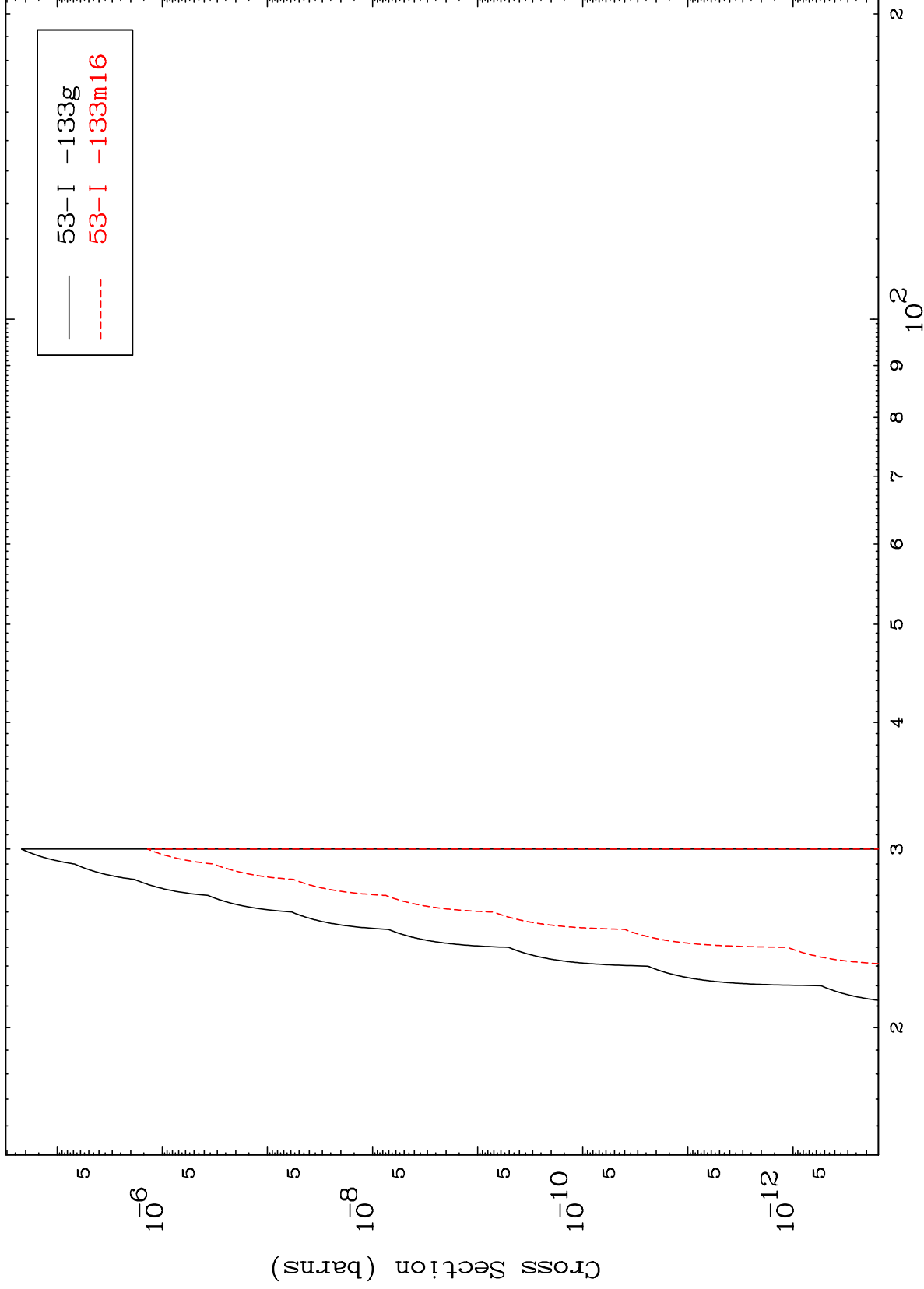


MAT 5534

(n,n') He-3

55-Cs-136

Radionuclide Production Cross Section



79

Incident Energy (MeV)

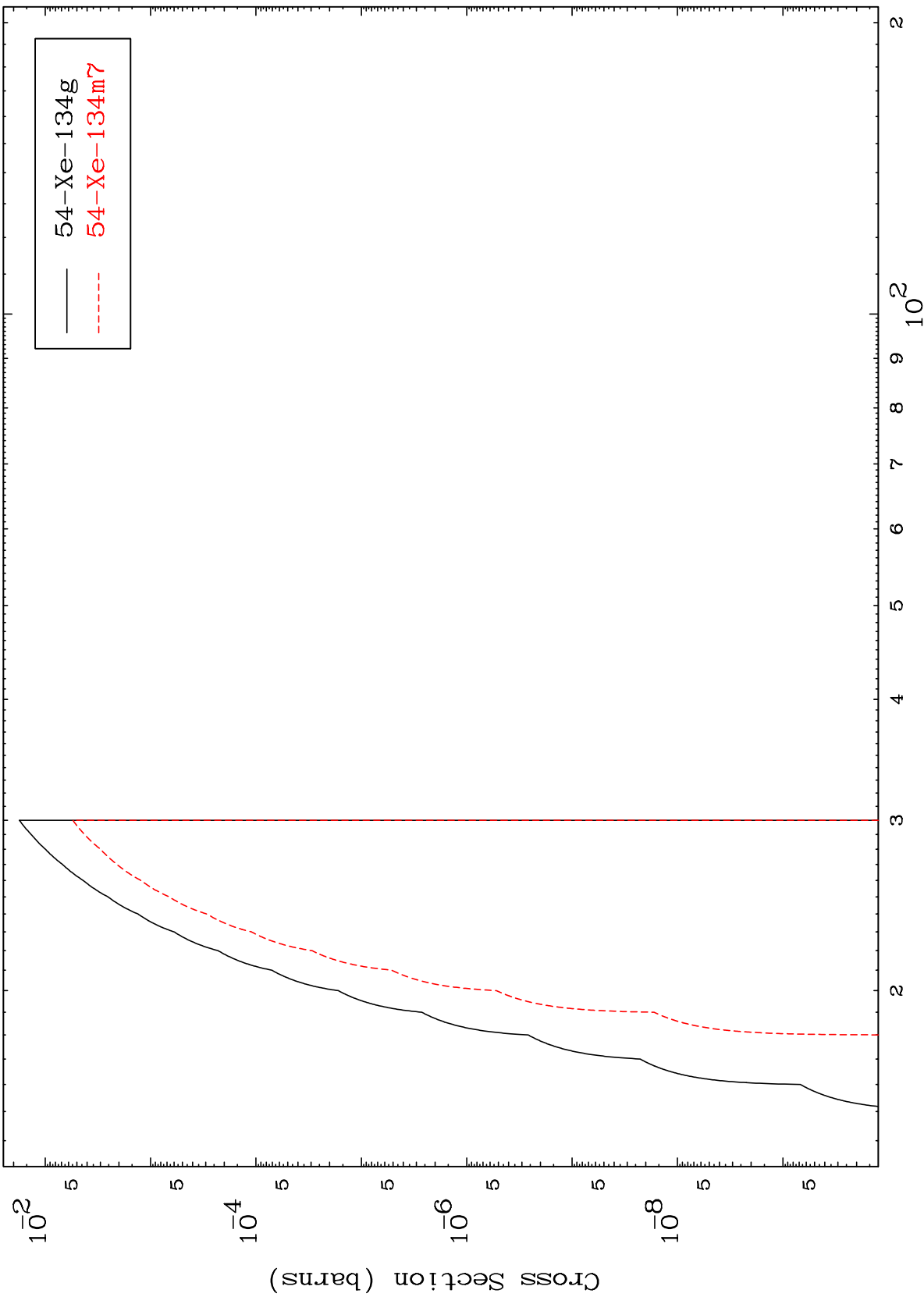
55-Cs-136

MAT 5534

(n,2n) p

55-Cs-136

Radionuclide Production Cross Section

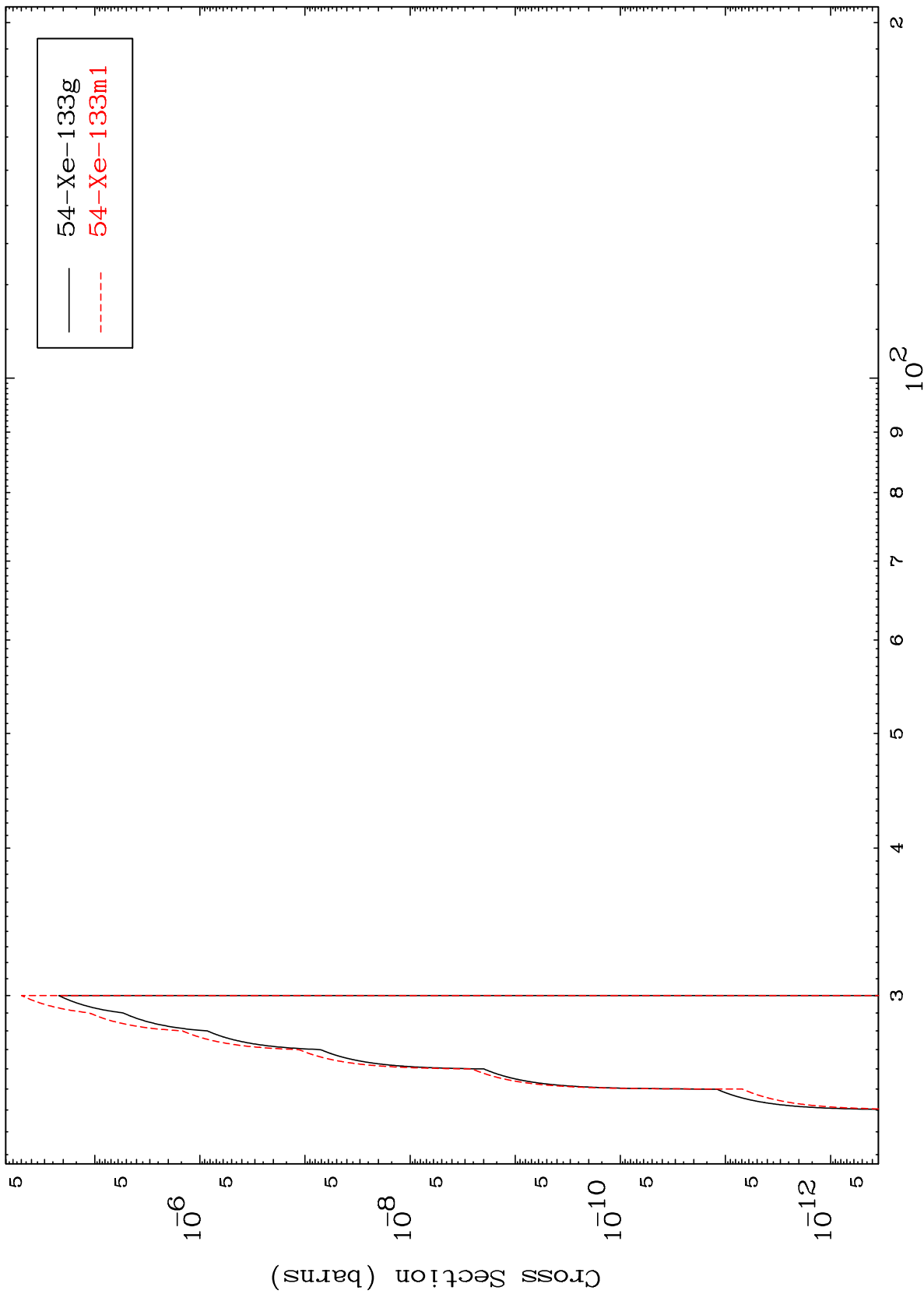


80

Incident Energy (MeV)

55-Cs-136

Radionuclide Production Cross Section

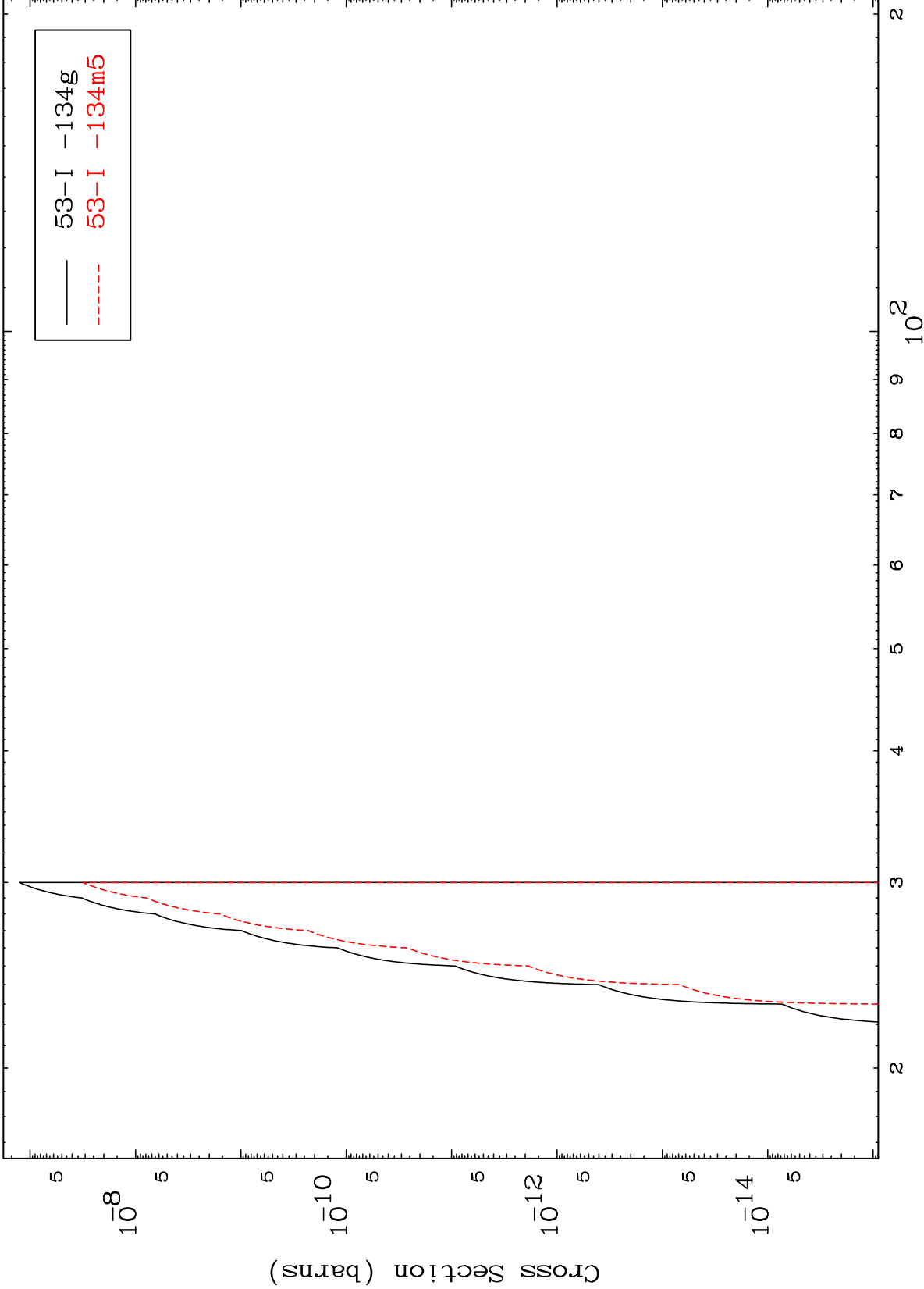


MAT 5534

(n,2n) p

55-Cs-136

Radionuclide Production Cross Section



82

Incident Energy (MeV)

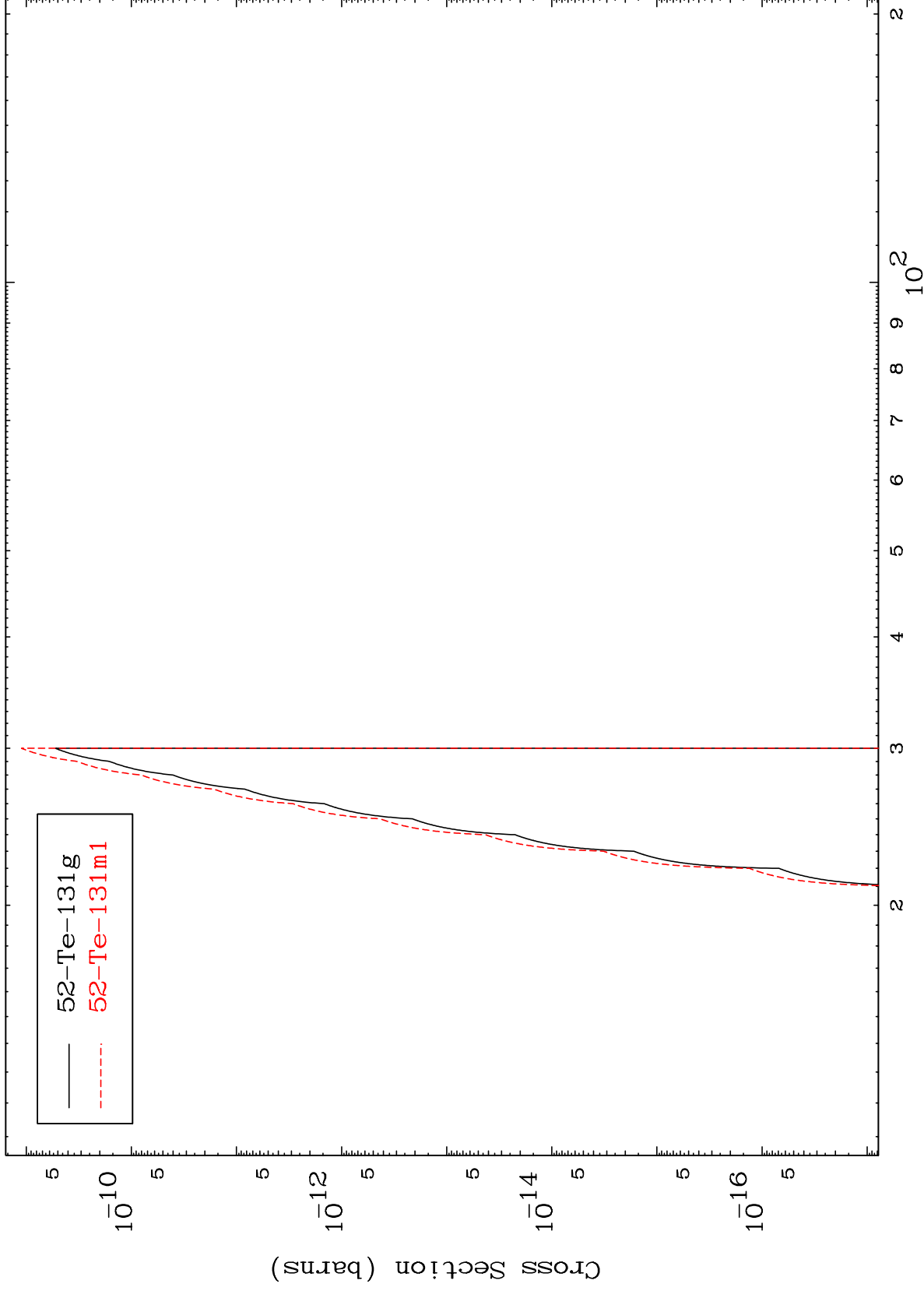
55-Cs-136

MAT 5534

(n,n') p  $\alpha$

55-Cs-136

Radionuclide Production Cross Section



83

Incident Energy (MeV)

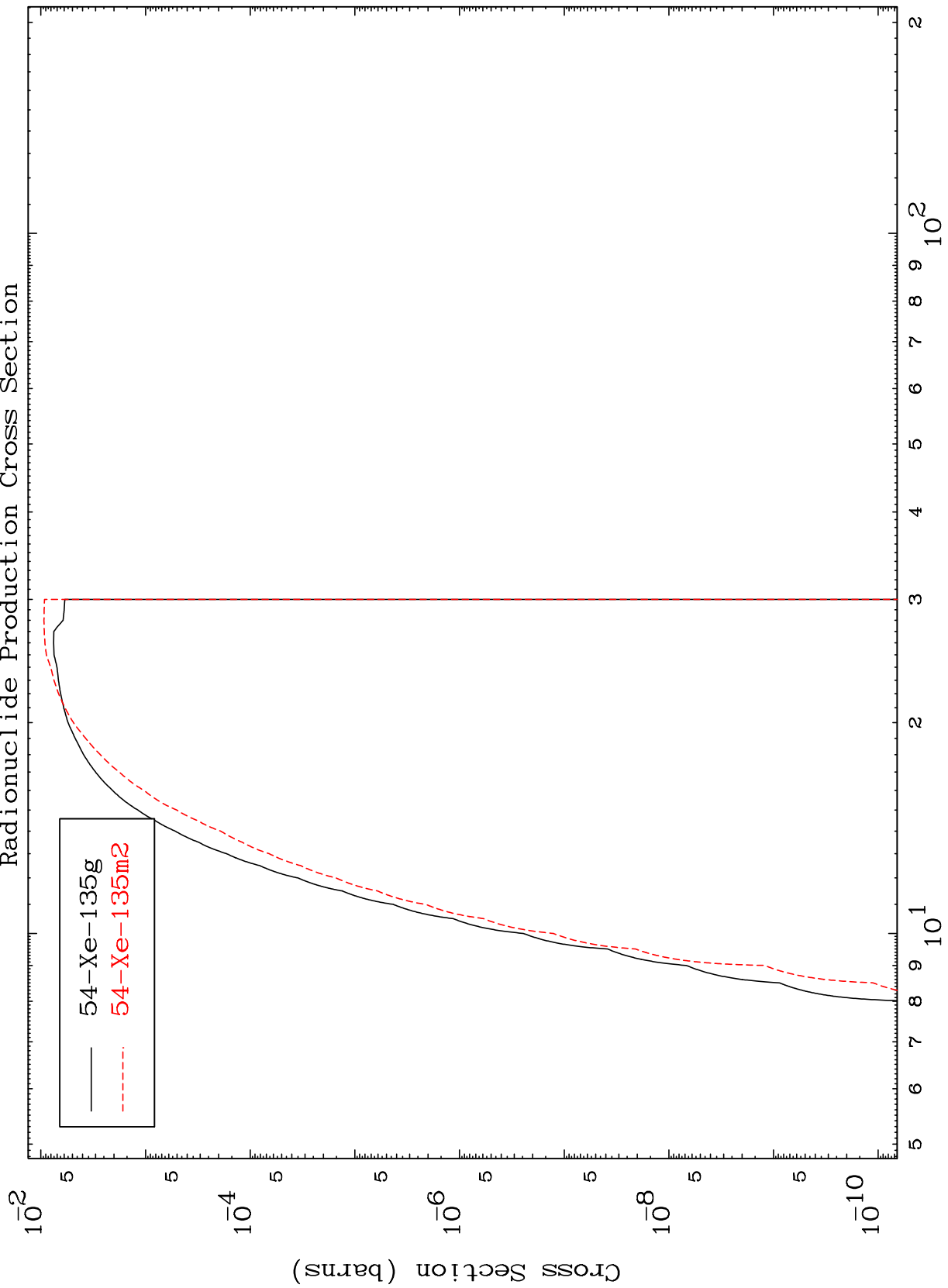
55-Cs-136

MAT 5534

(n,d)

55-Cs-136

Radionuclide Production Cross Section



54-Xe-135g  
54-Xe-135m2

84

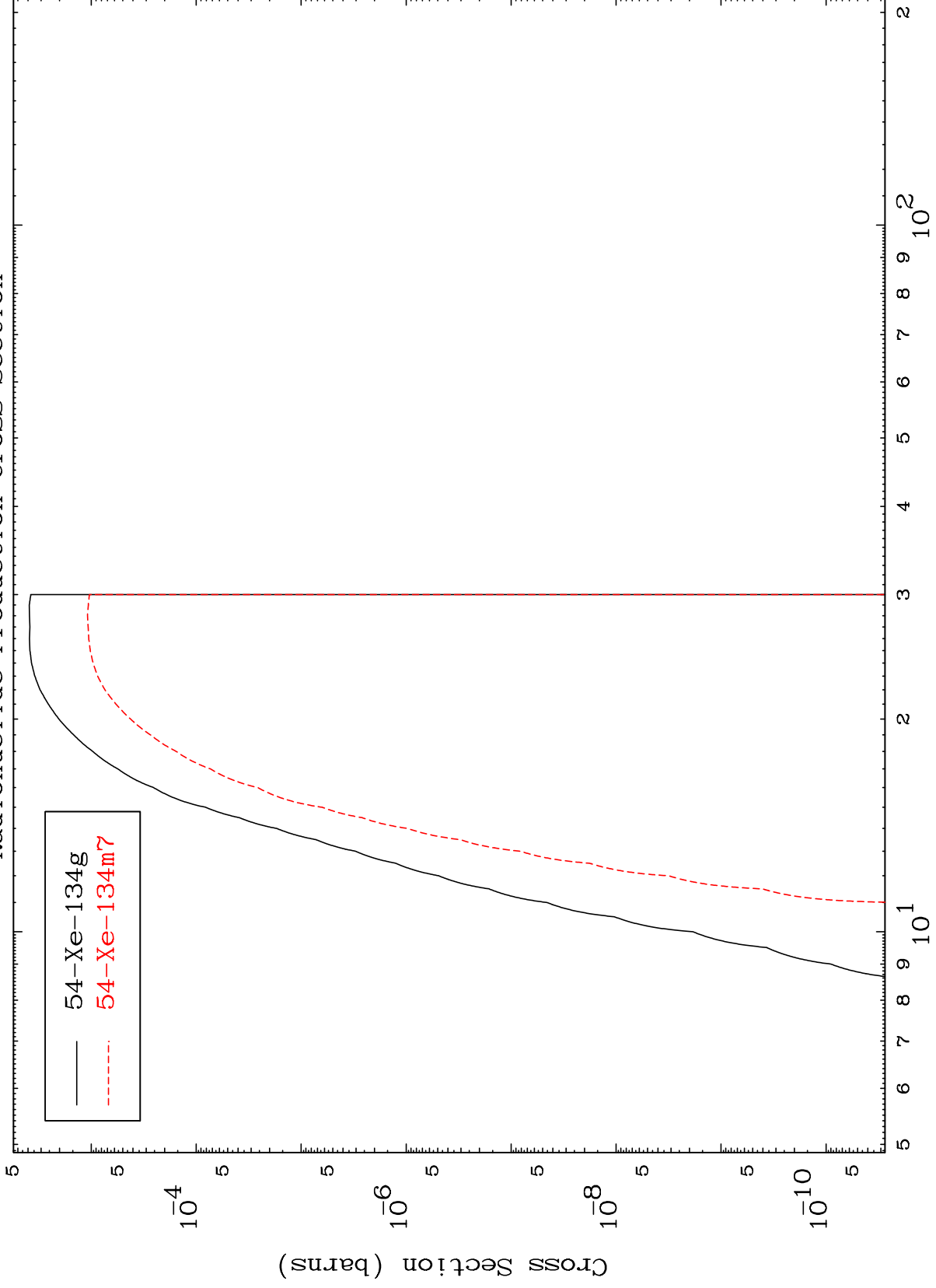
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

(n, t)  
Radionuclide Production Cross Section



85

Incident Energy (MeV)

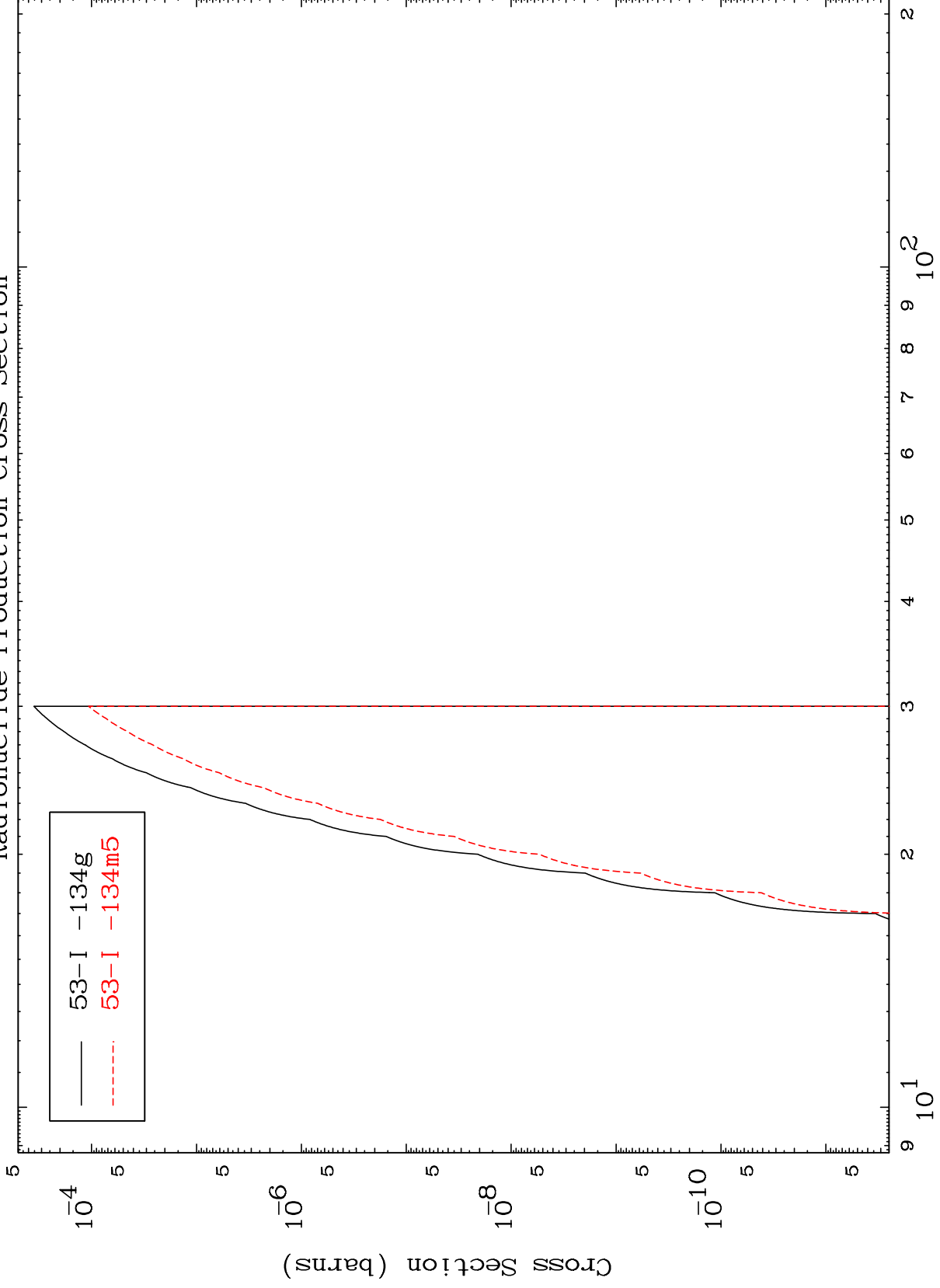
55-Cs-136

MAT 5534

(n,He-3)

55-Cs-136

Radionuclide Production Cross Section



86

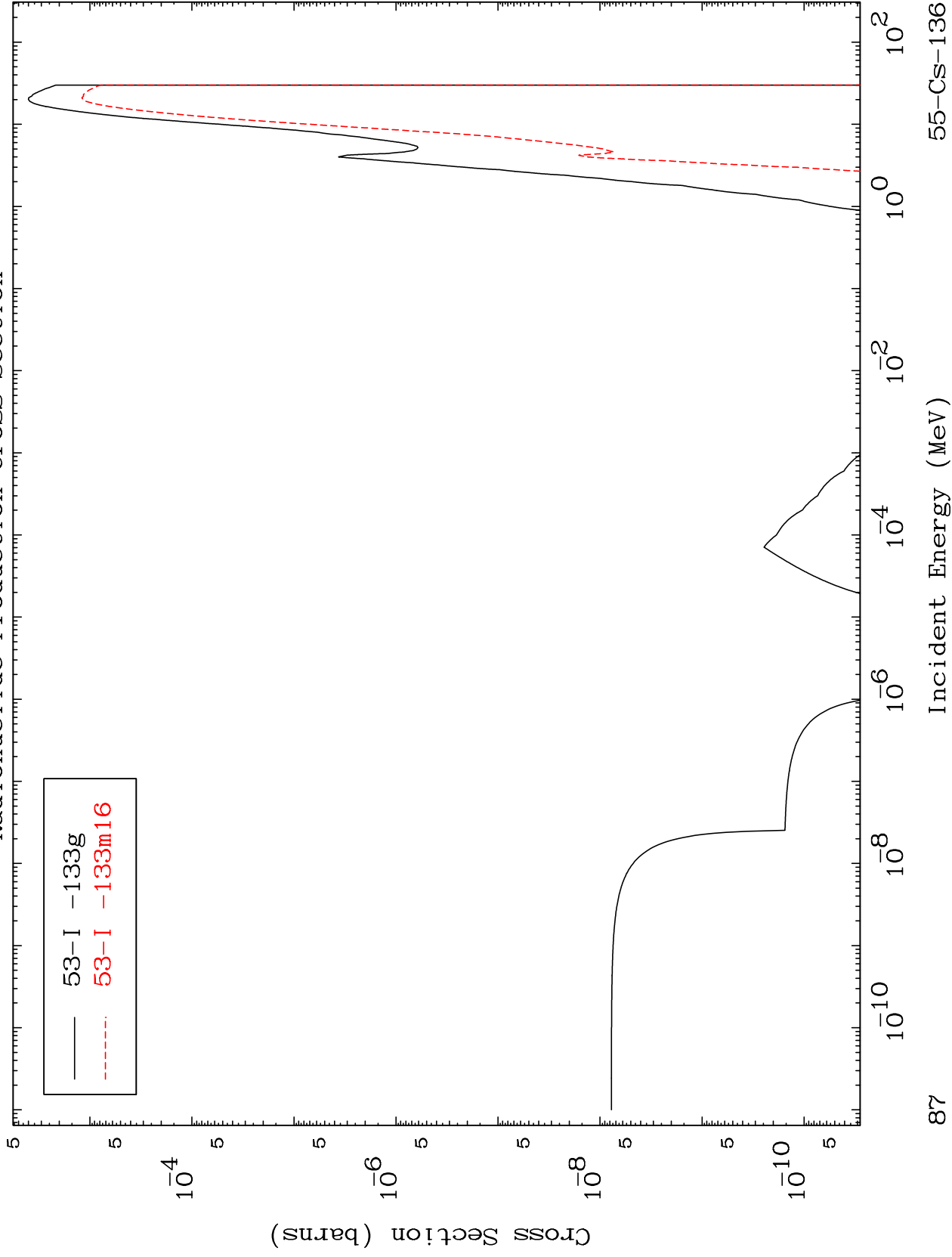
Incident Energy (MeV)

55-Cs-136

MAT 5534

55-Cs-136

(n,  $\alpha$ )  
Radionuclide Production Cross Section

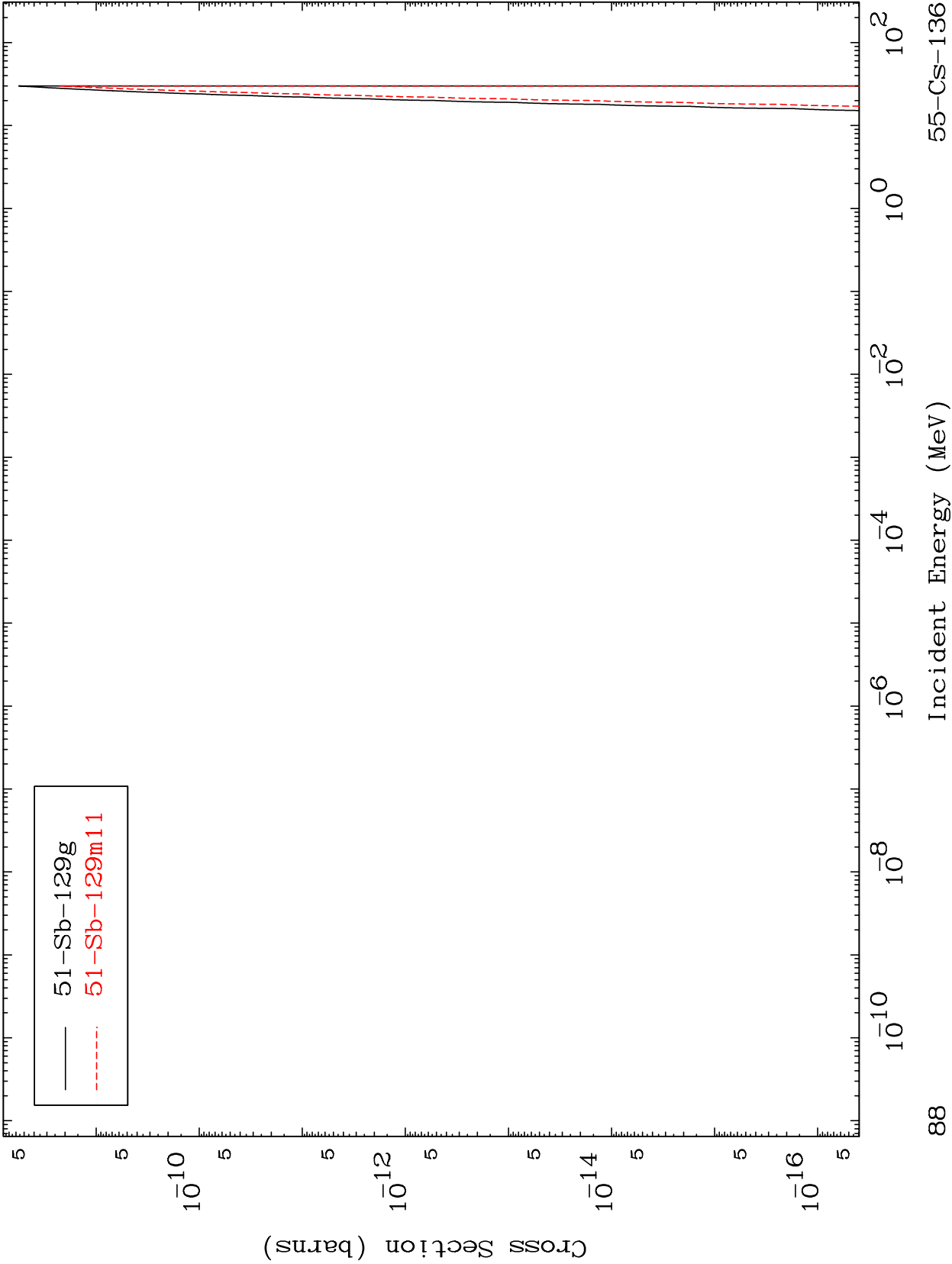


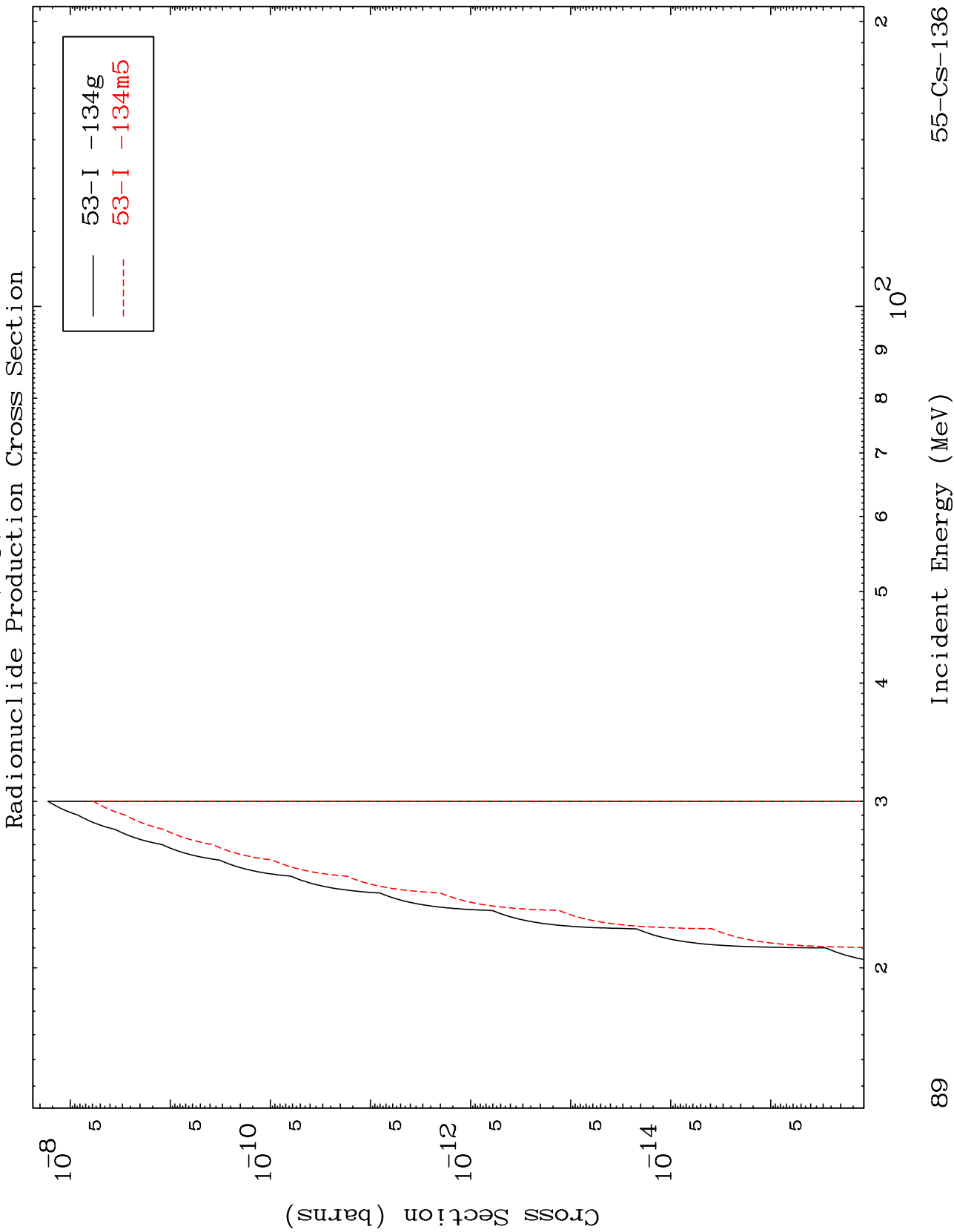
MAT 5534

(n,2α)

55-Cs-136

Radionuclide Production Cross Section

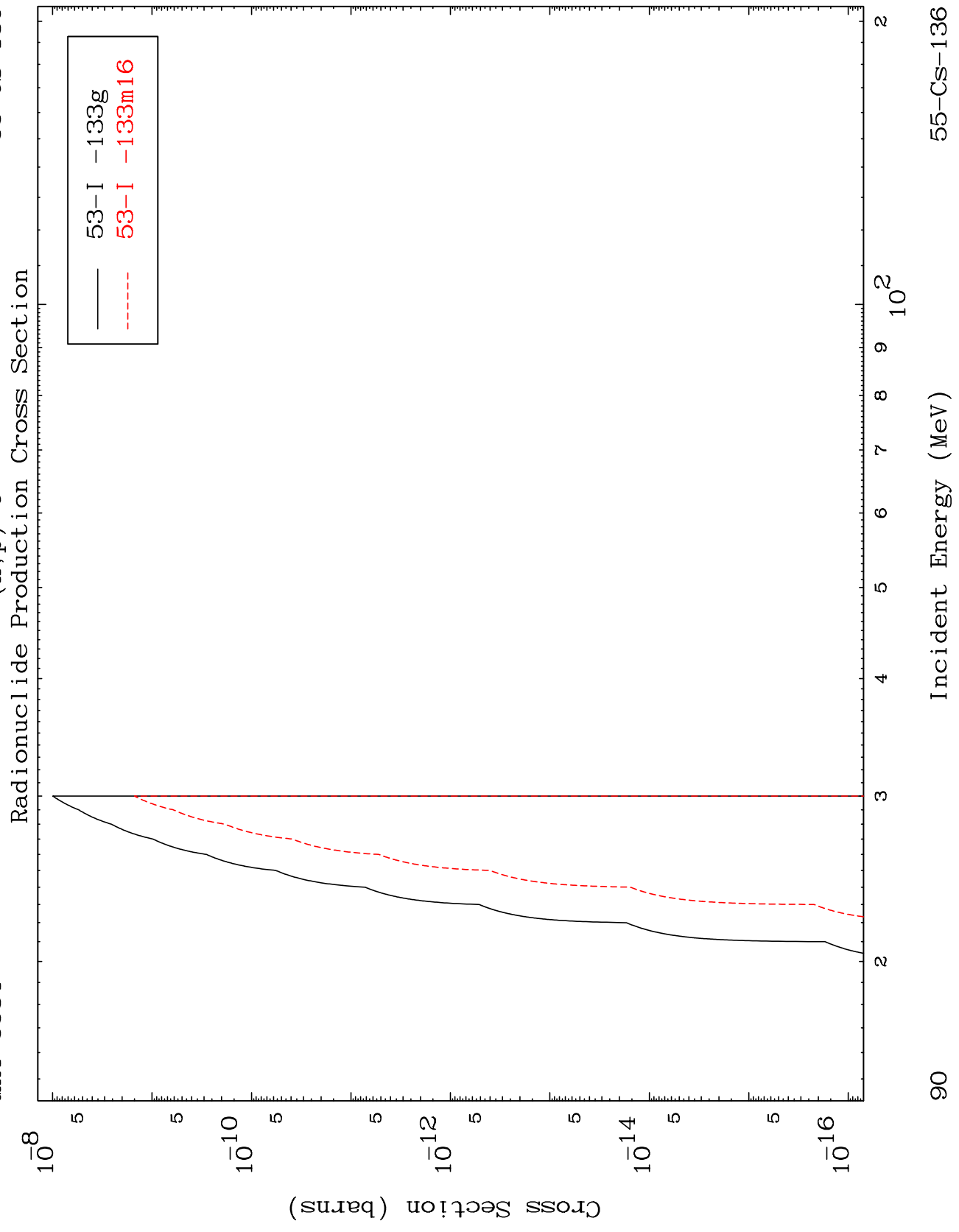




MAT 5534

(n,p) t

55-Cs-136



90

55-Cs-136

Radionuclide Production Cross Section

