

Program EVALPLOT  
(Version 2021-1)

by

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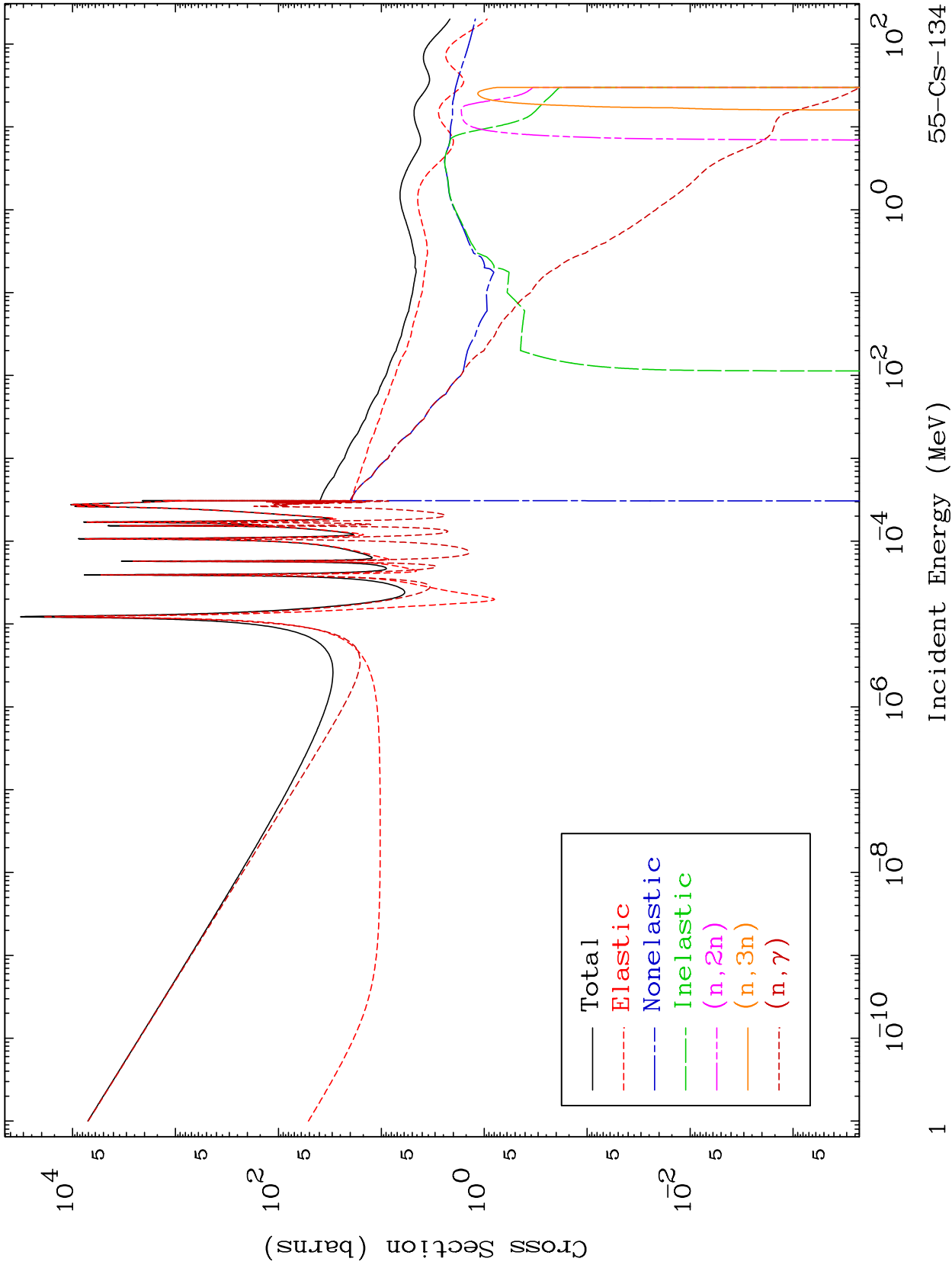
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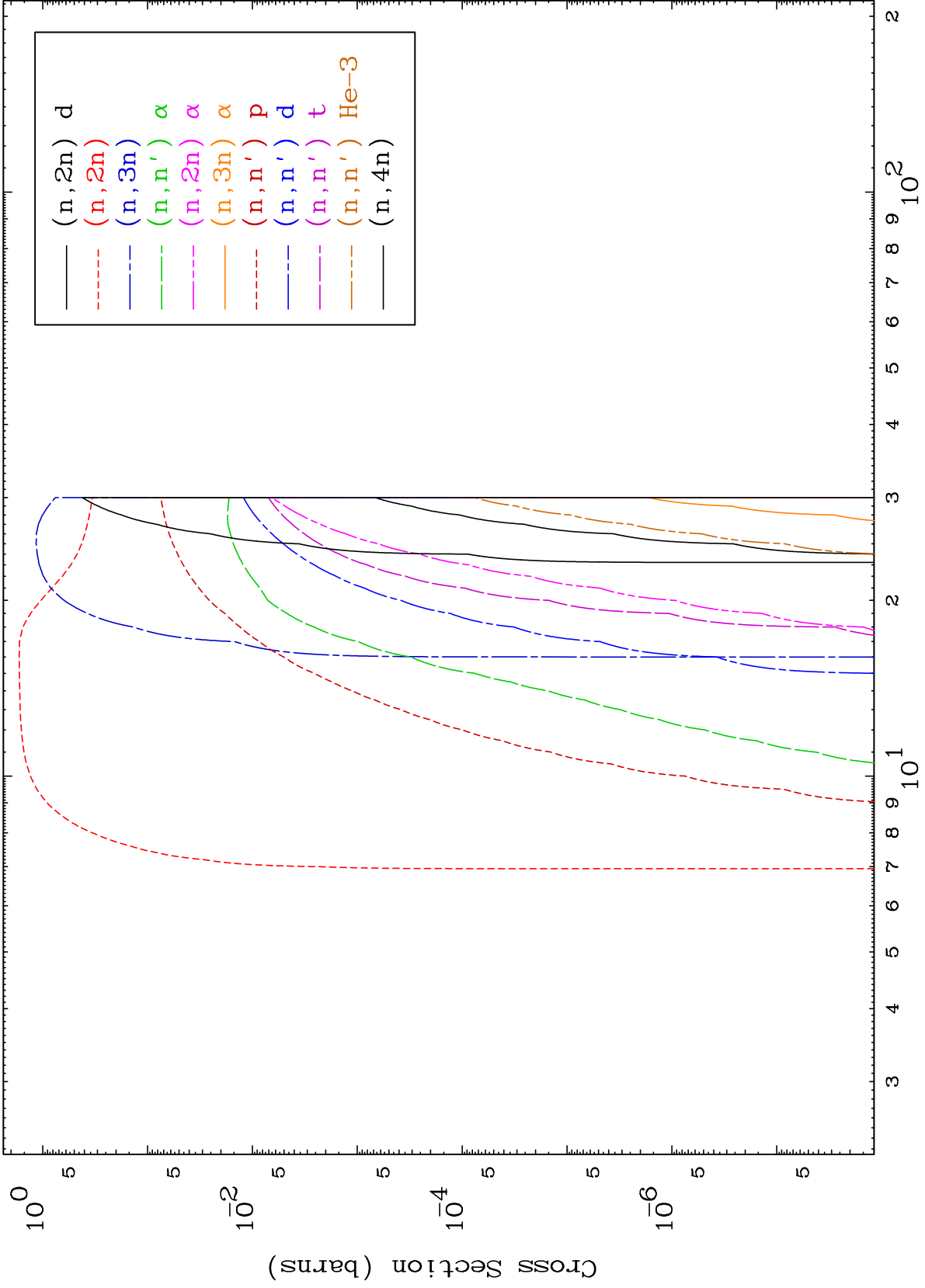
Press Mouse Button to Start

MAT 5528

Neutron Major  
293 Kelvin Cross Sections

55-Cs-134

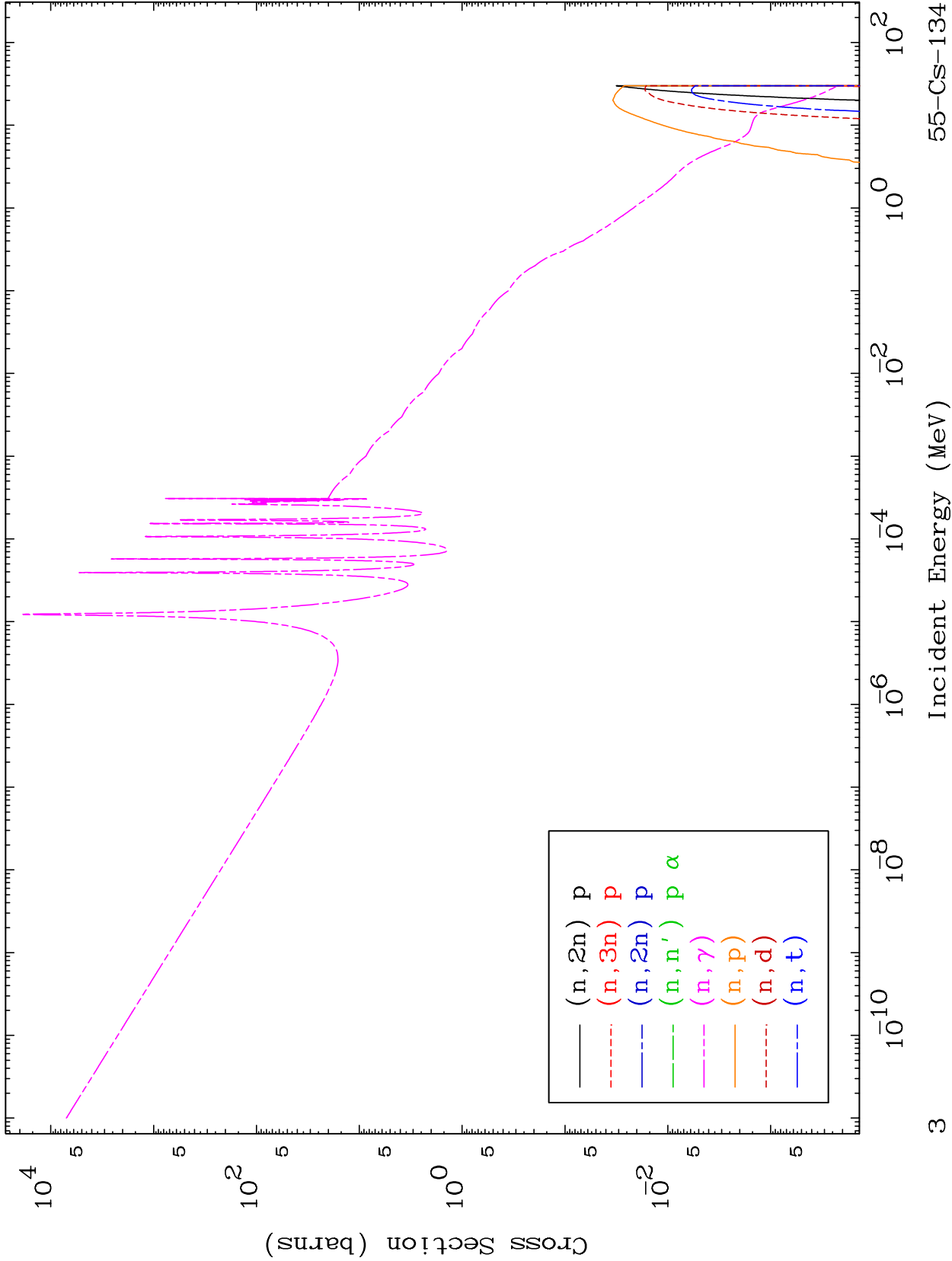




MAT 5528

Neutron Absorption  
293 Kelvin Cross Sections

55-Cs-134



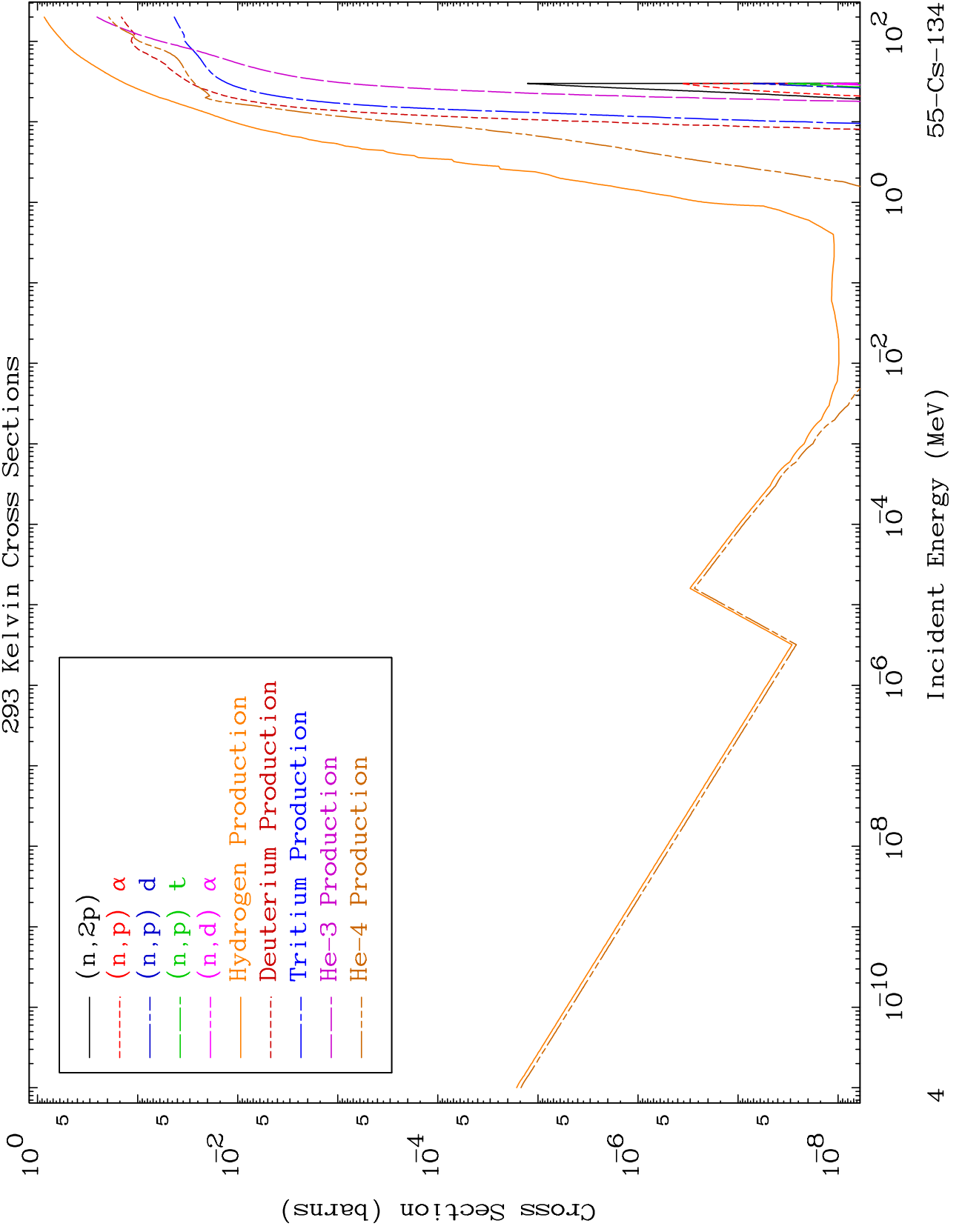
55-Cs-134

Incident Energy (MeV)

MAT 5528

Neutron Absorption  
293 Kelvin Cross Sections

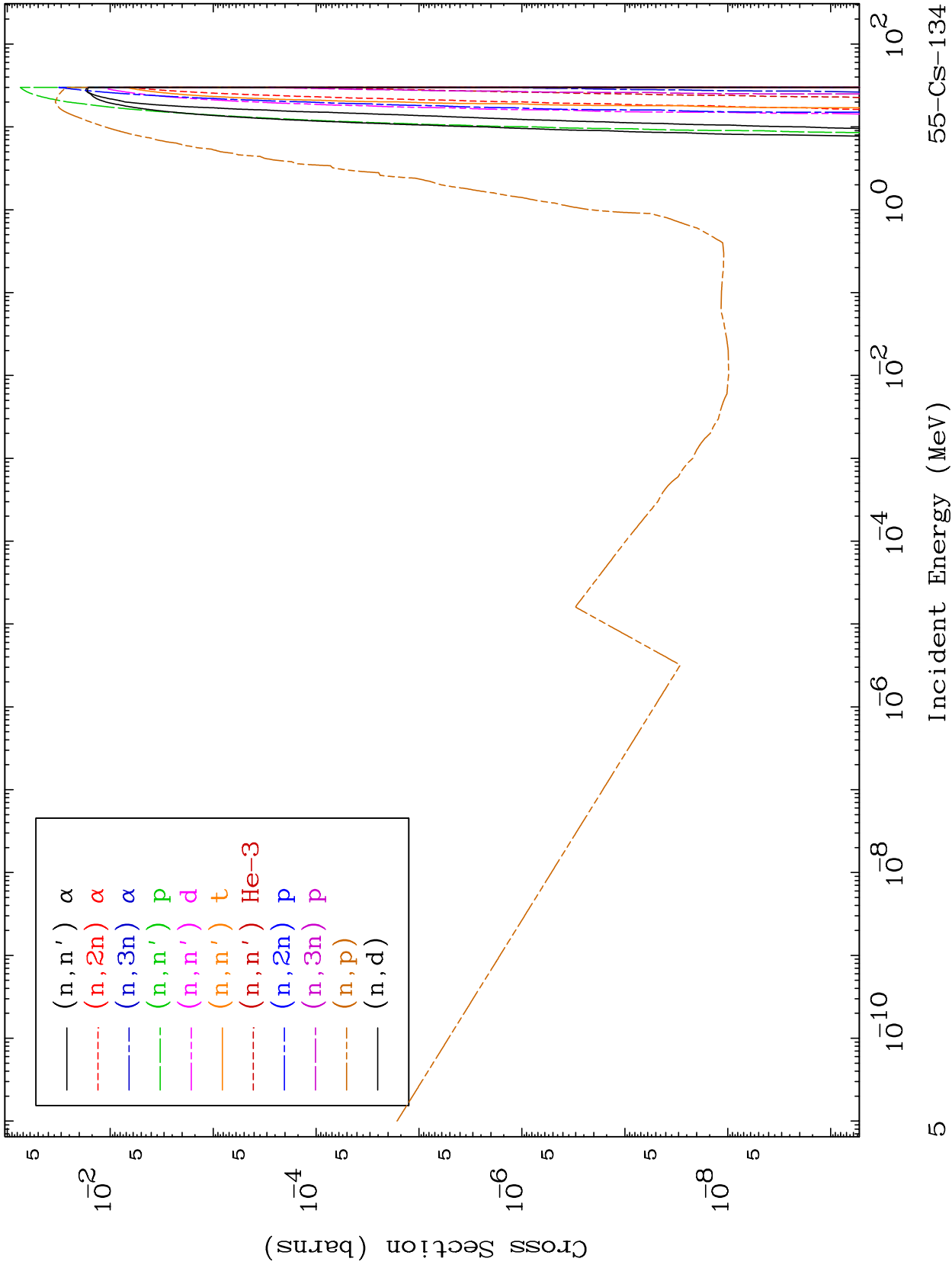
55-Cs-134



MAT 5528

Charged Particle  
293 Kelvin Cross Sections

55-Cs-134

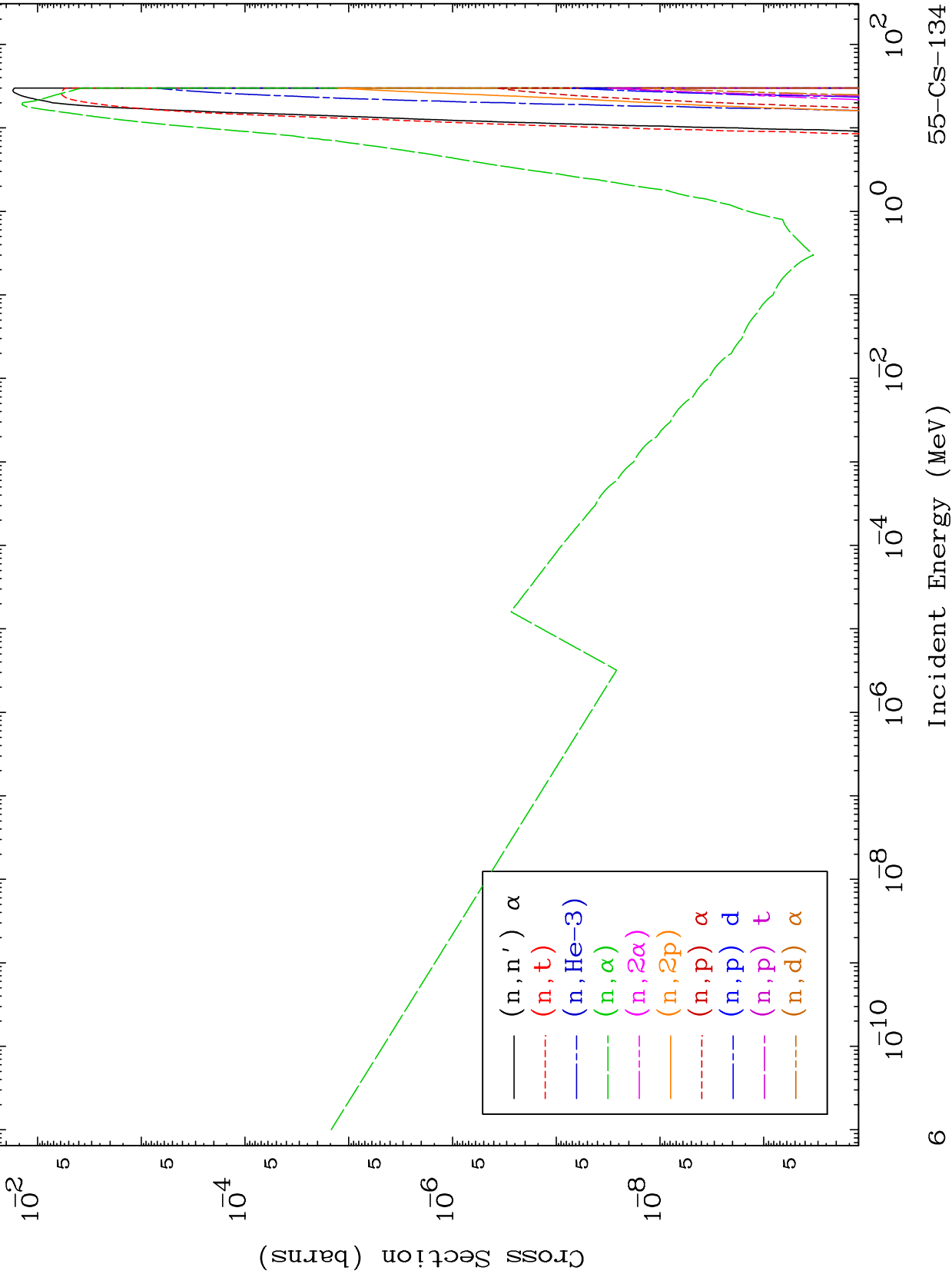


5

MAT 5528

Charged Particle  
293 Kelvin Cross Sections

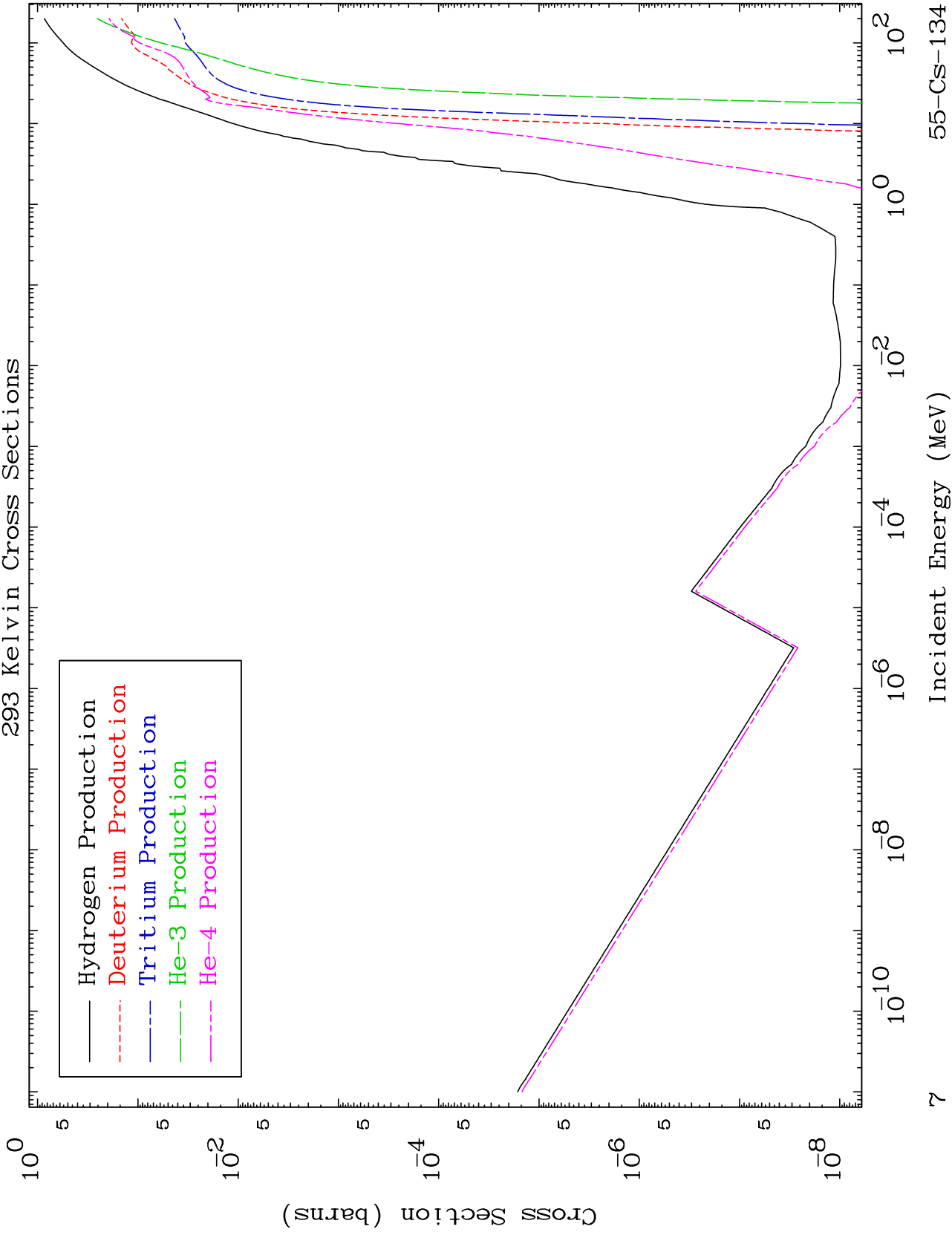
55-Cs-134



MAT 5528

Particle Production  
293 Kelvin Cross Sections

55-Cs-134

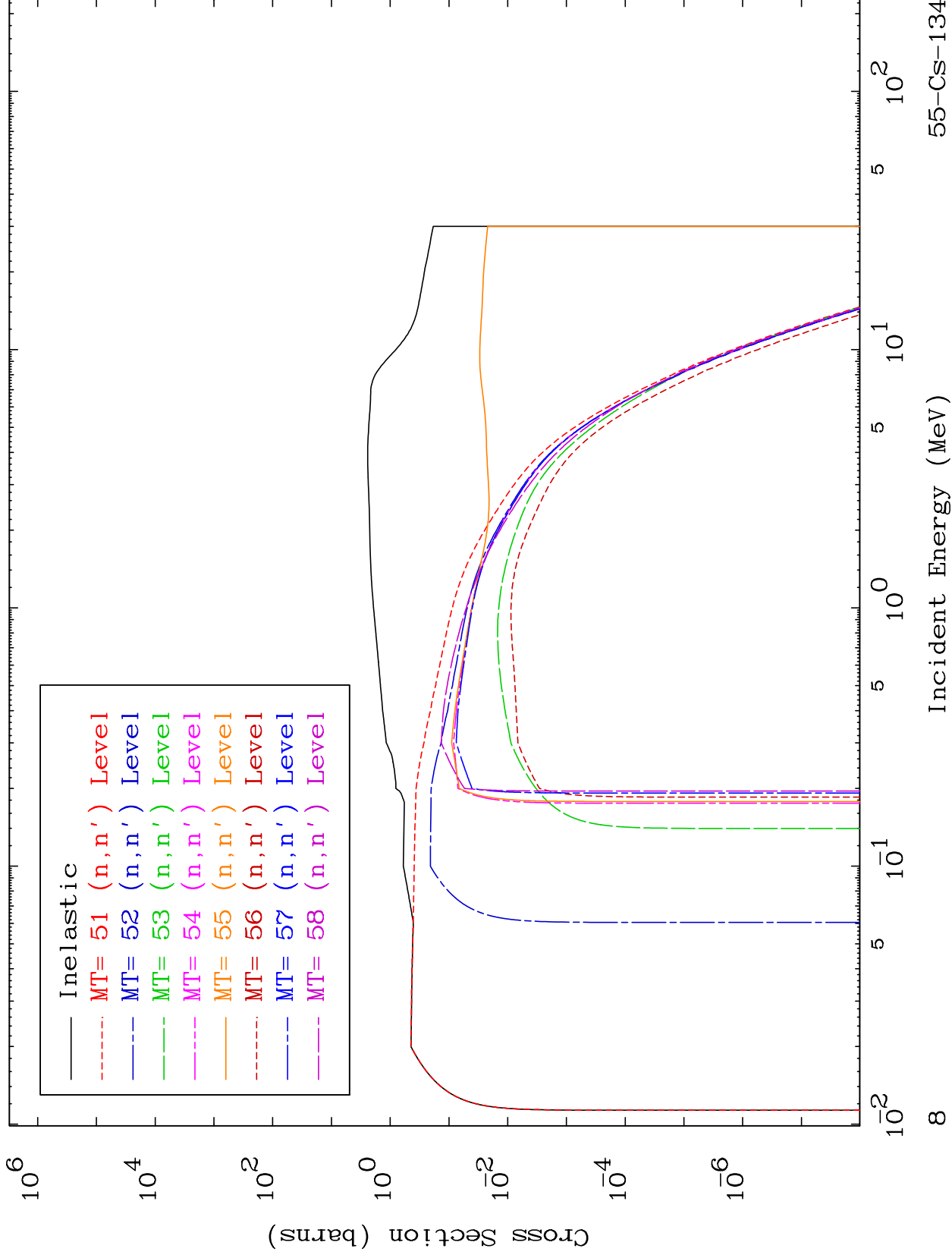




MAT 5528

(n,n') Levels  
293 Kelvin Cross Sections

55-Cs-134



55-Cs-134

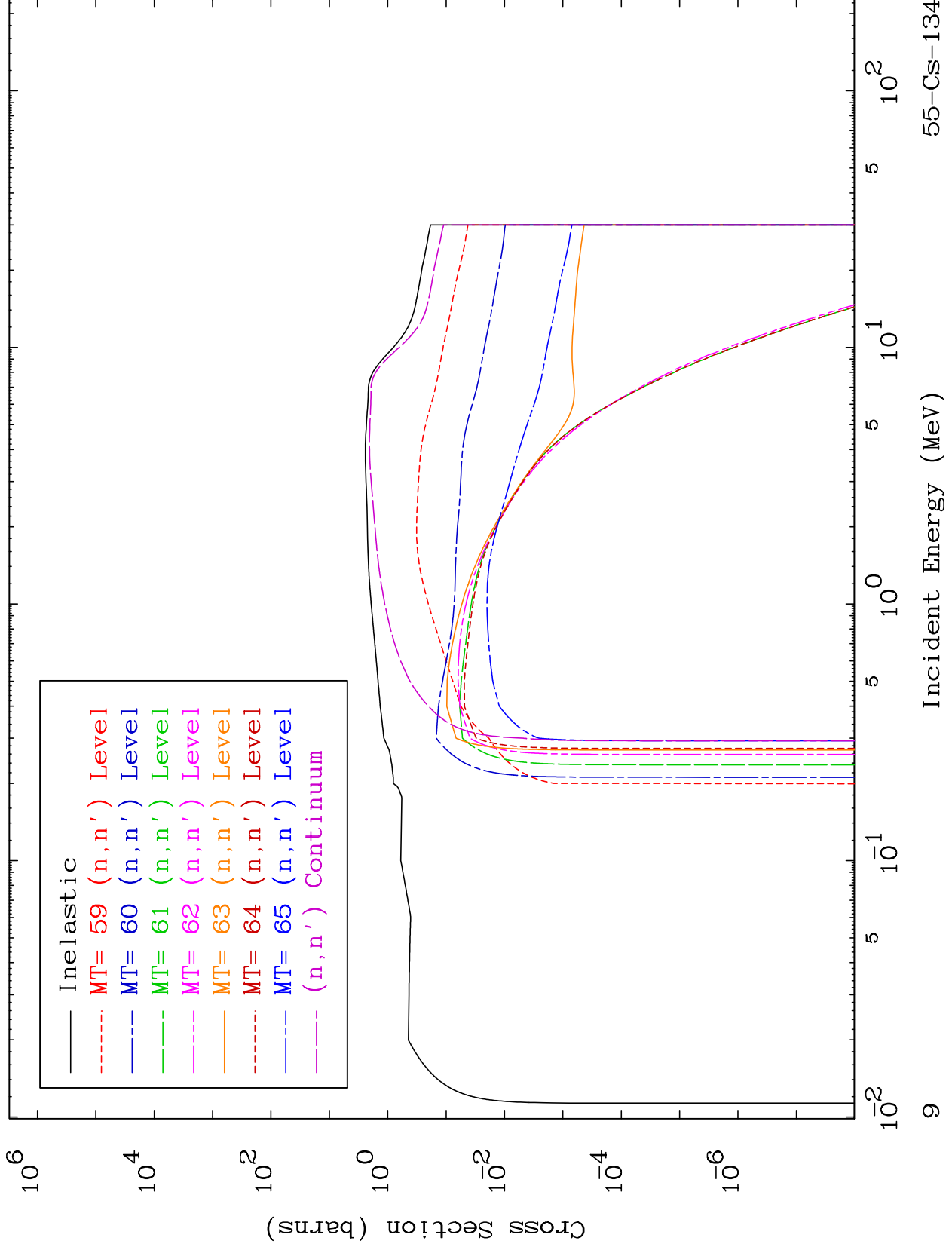
Incident Energy (MeV)

8

MAT 5528

(n,n') Levels  
293 Kelvin Cross Sections

55-Cs-134



55-Cs-134

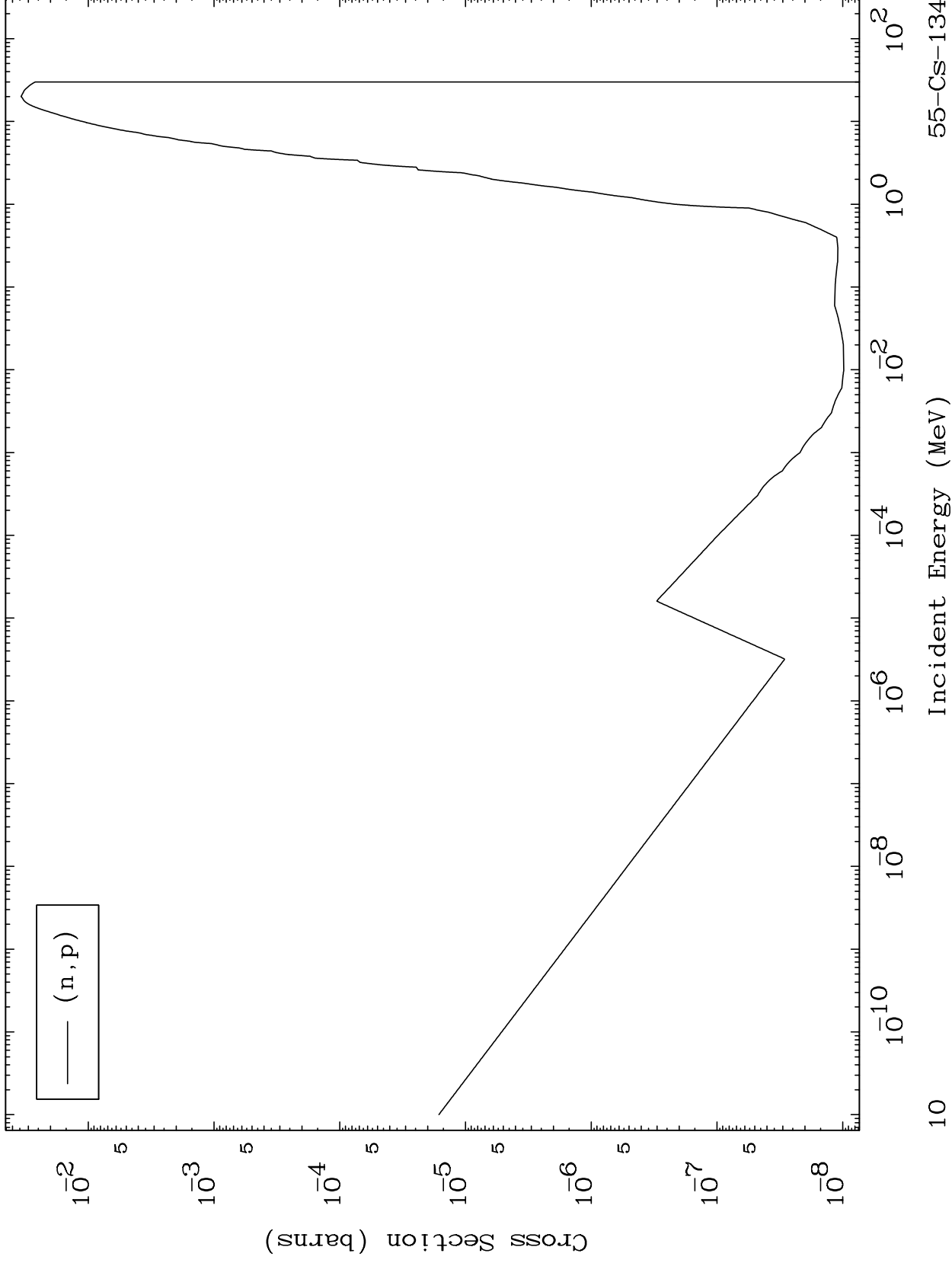
Incident Energy (MeV)

9

MAT 5528

(n,p) Levels  
293 Kelvin Cross Sections

55-Cs-134



10

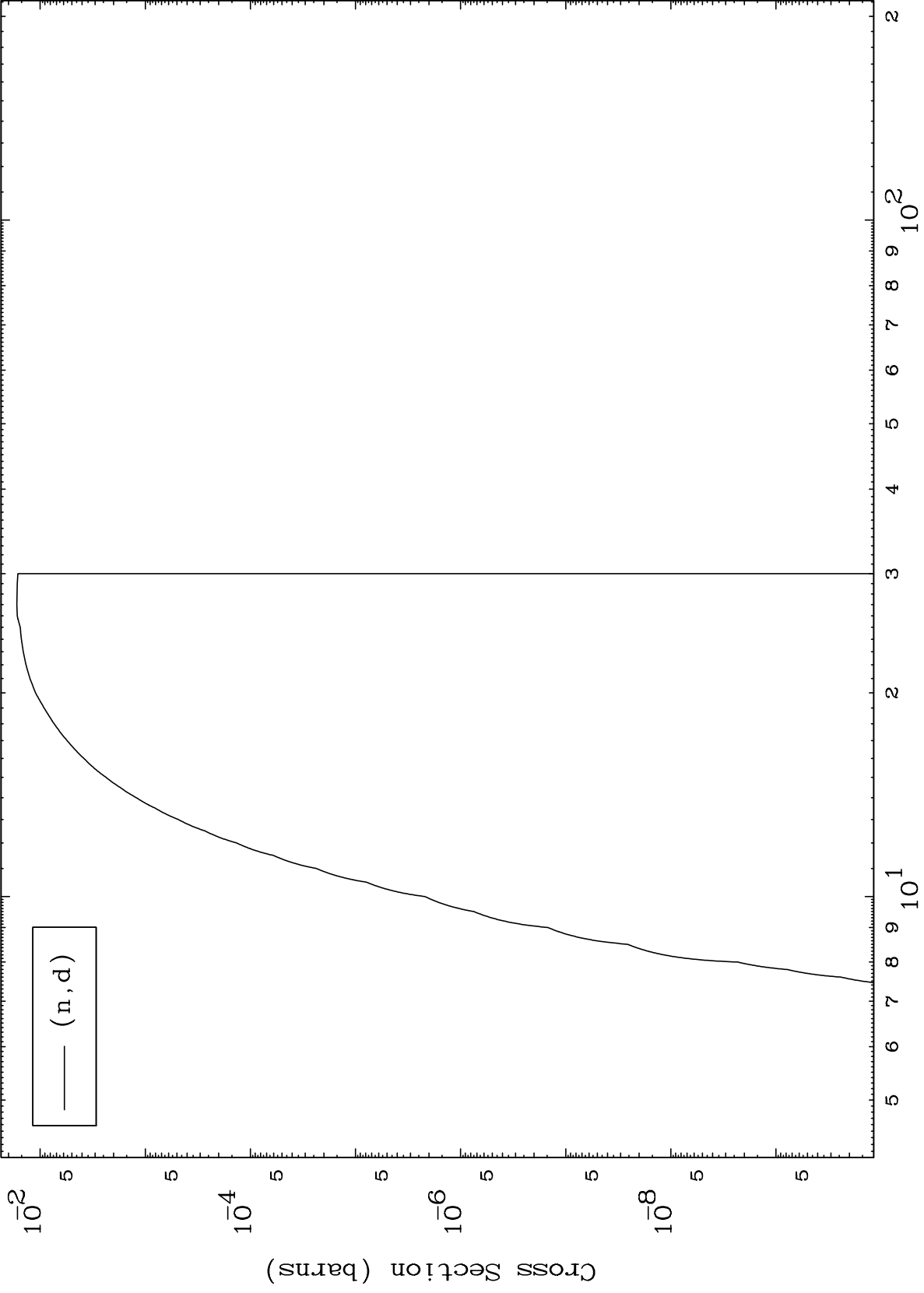
Incident Energy (MeV)

55-Cs-134

MAT 5528

(n,d) Levels  
293 Kelvin Cross Sections

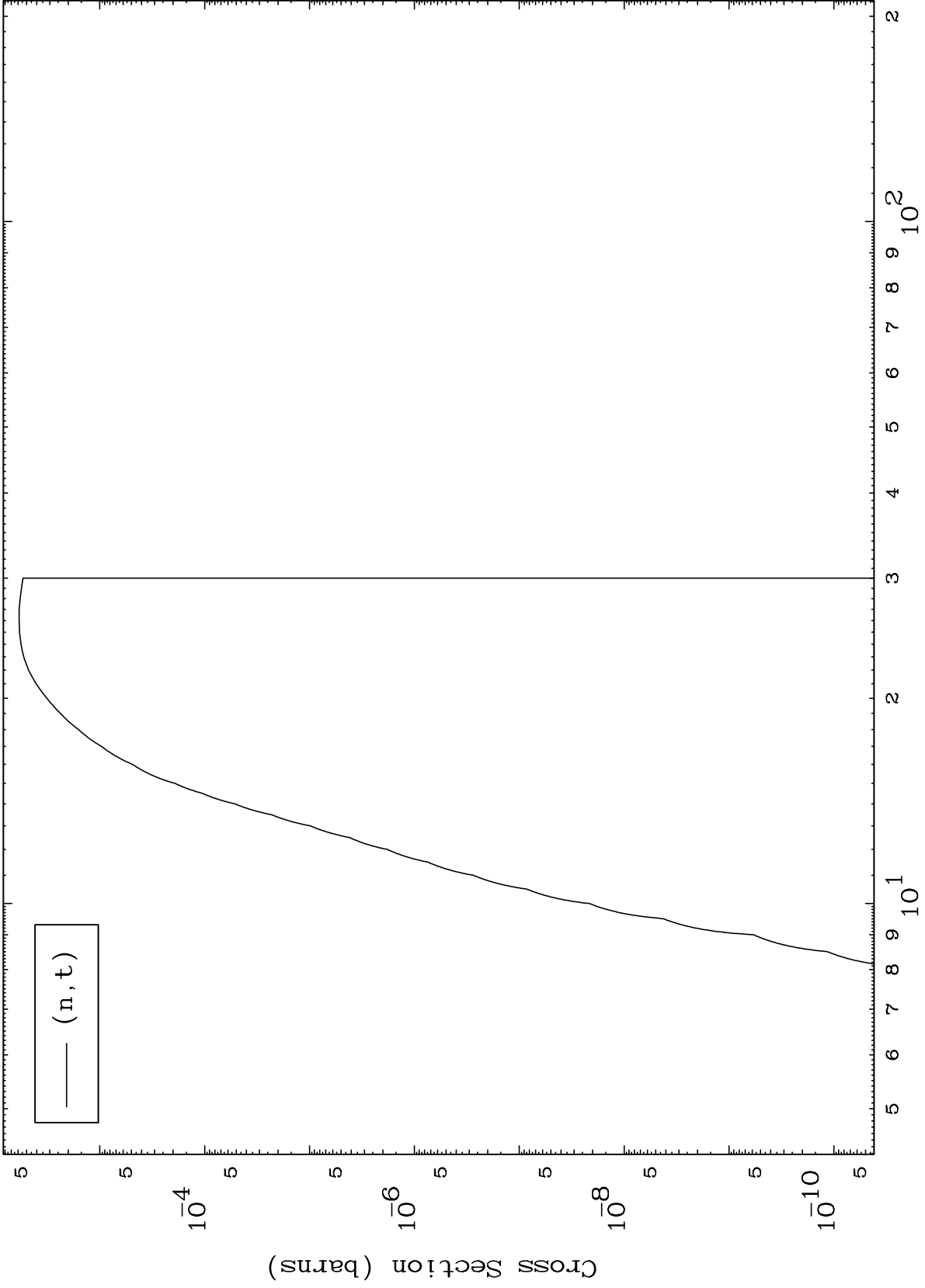
55-Cs-134



MAT 5528

(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-134



12

Incident Energy (MeV)

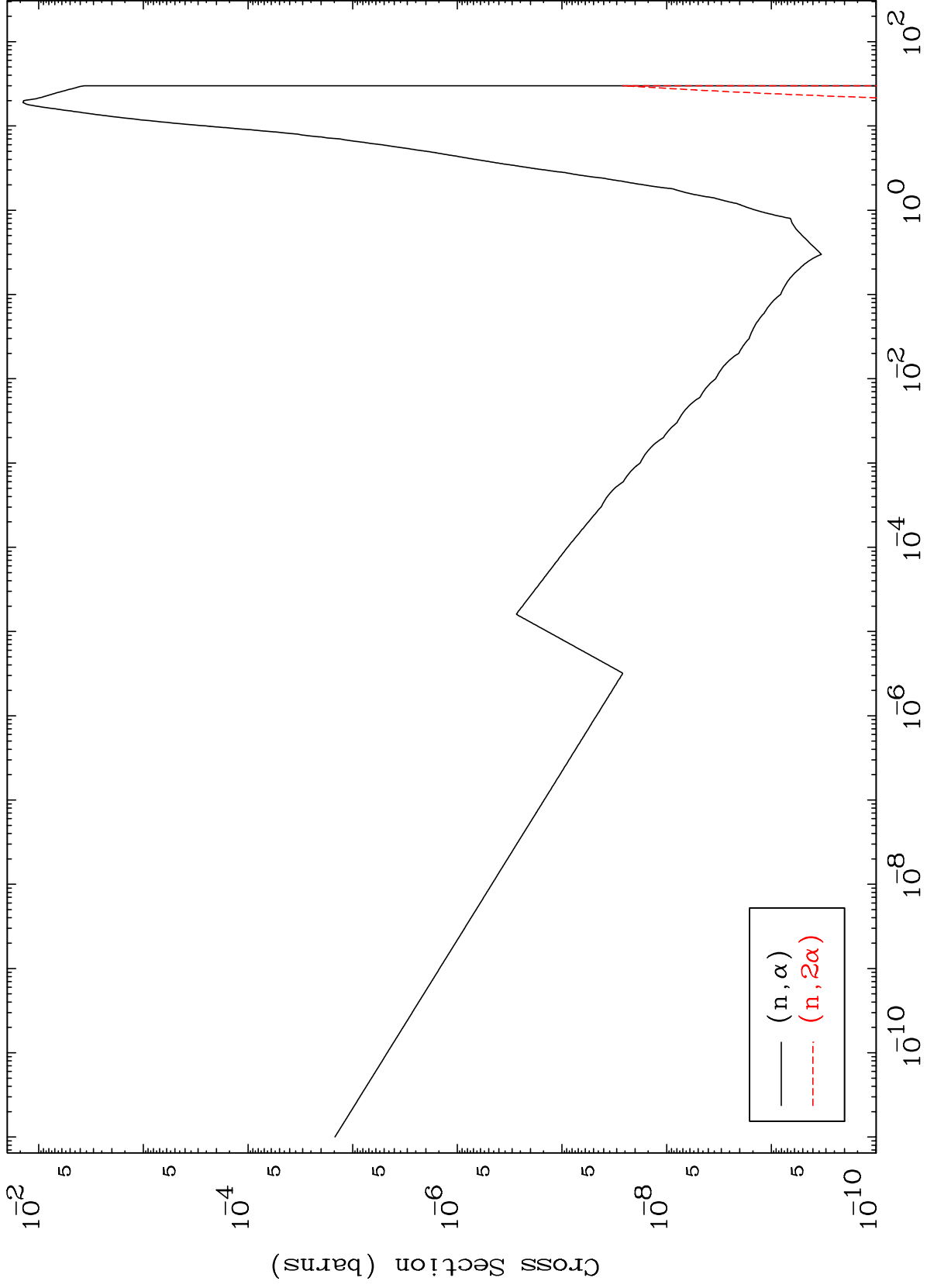
55-Cs-134



MAT 5528

(n,α) Levels  
293 Kelvin Cross Sections

55-Cs-134



Incident Energy (MeV)

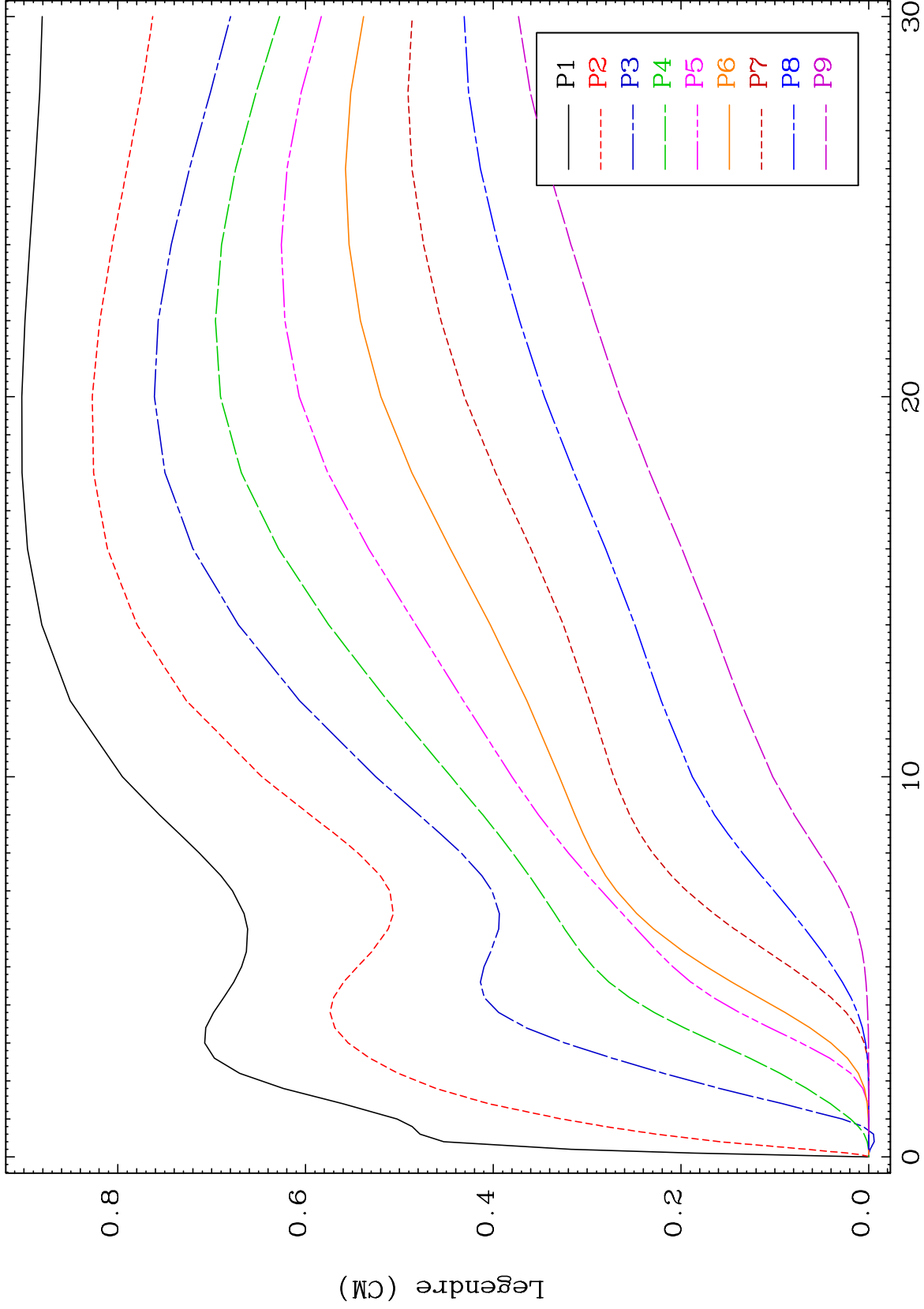
55-Cs-134

14

MAT 5528

Elastic Legendre Coefficients

55-Cs-134



55-Cs-134

Incident Energy (MeV)

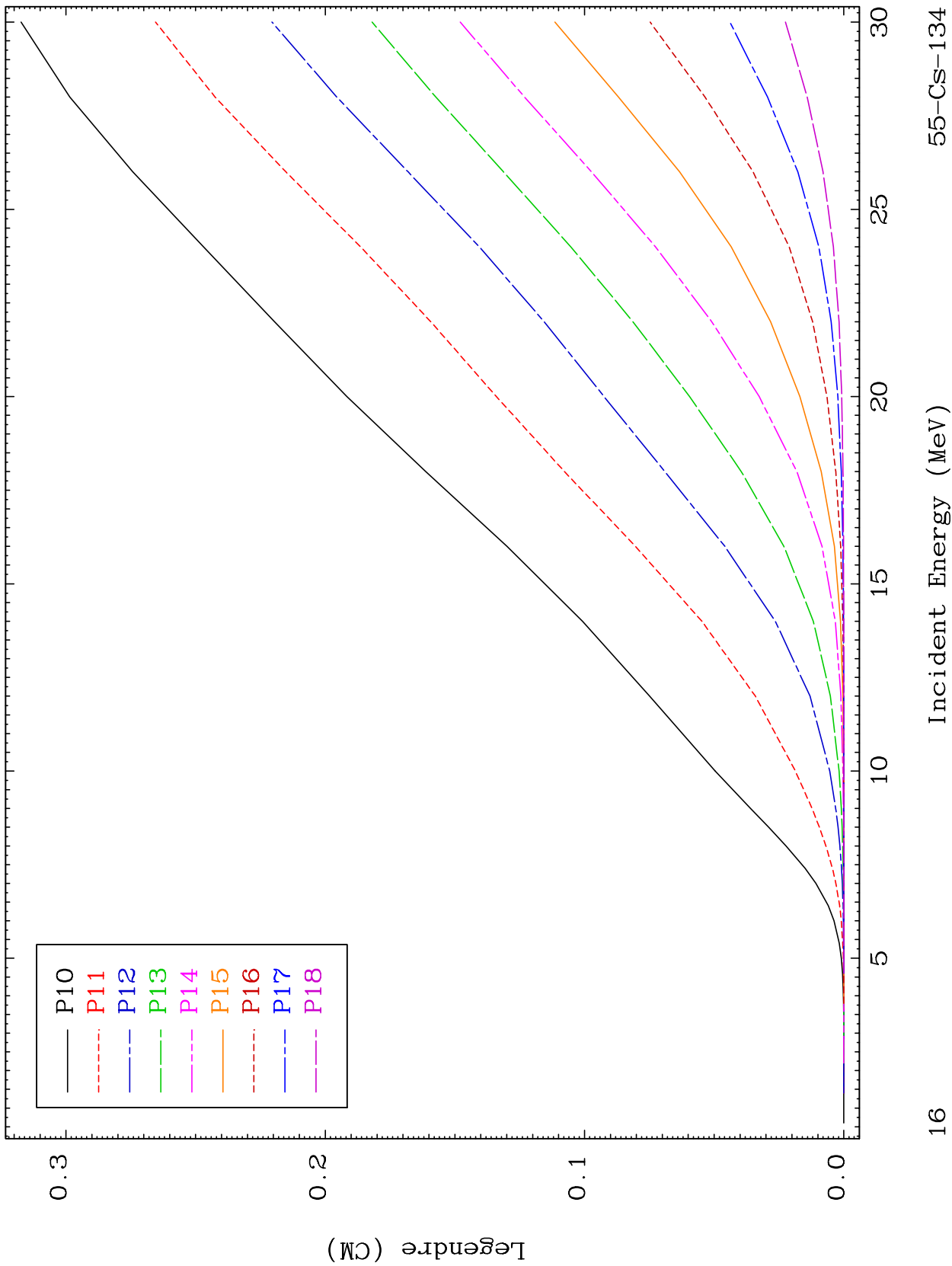
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MAT 5528

Elastic Legendre Coefficients

55-Cs-134



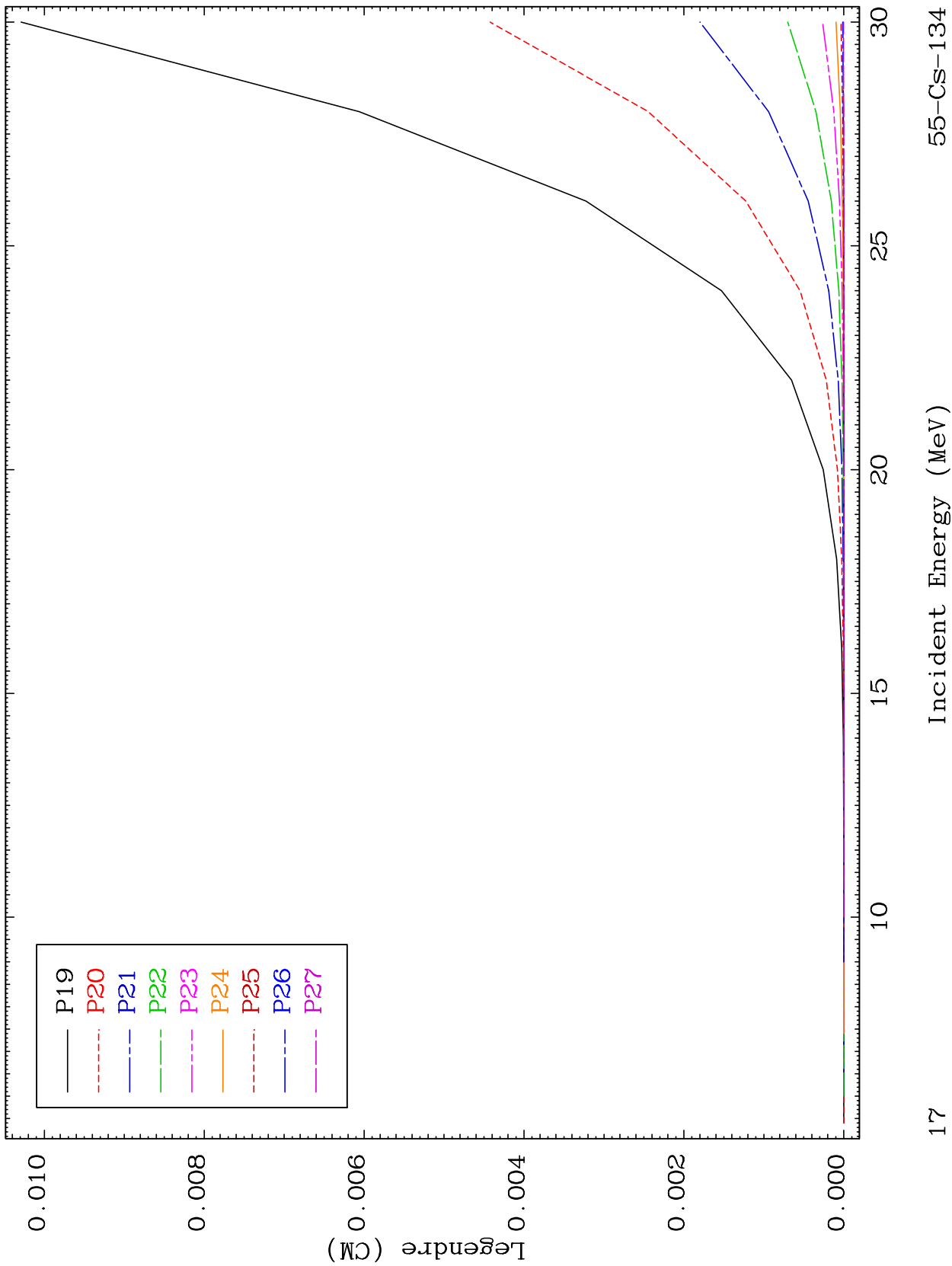
16

55-Cs-134

MAT 5528

### Elastic Legendre Coefficients

55-Cs-134



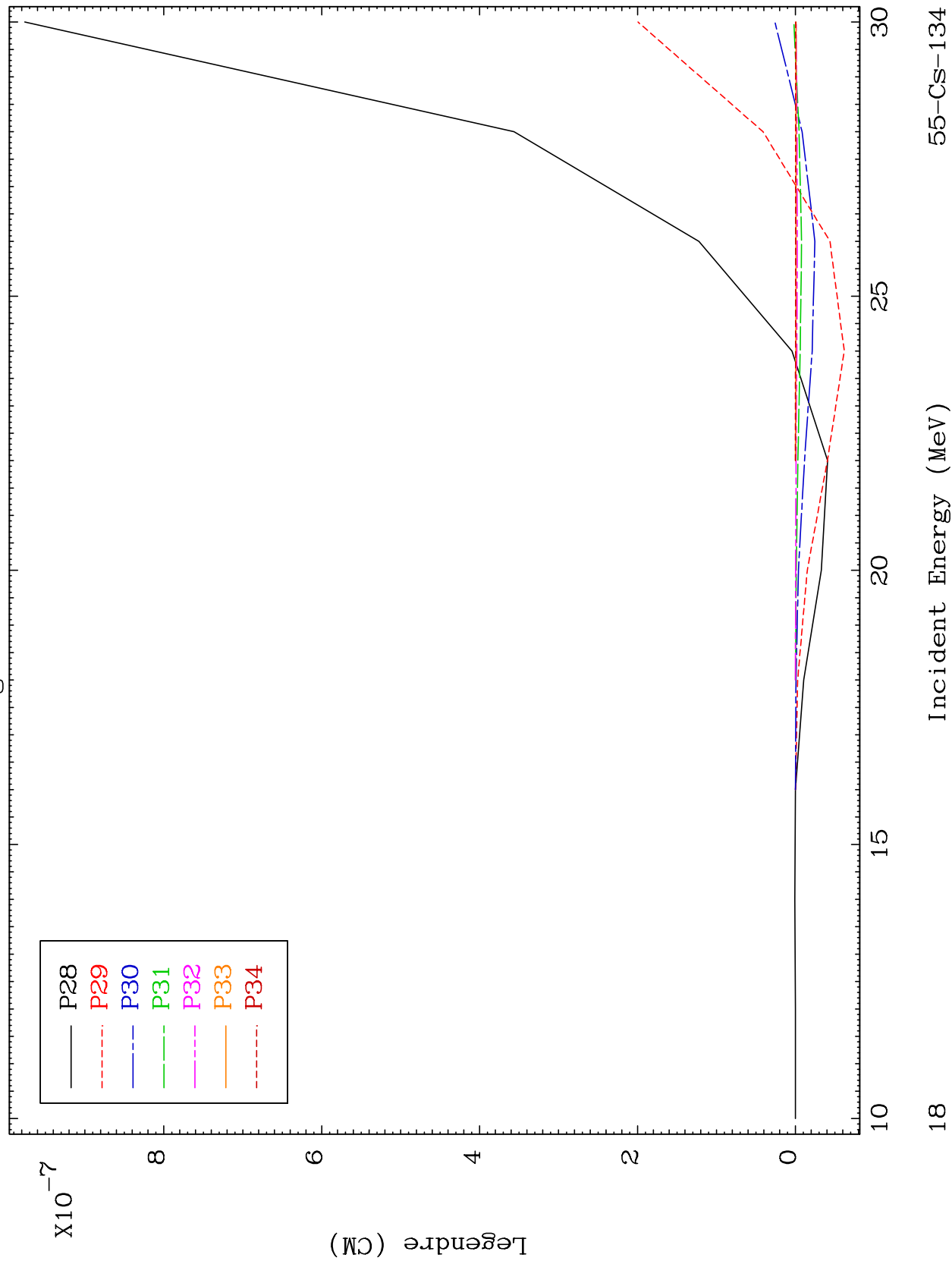
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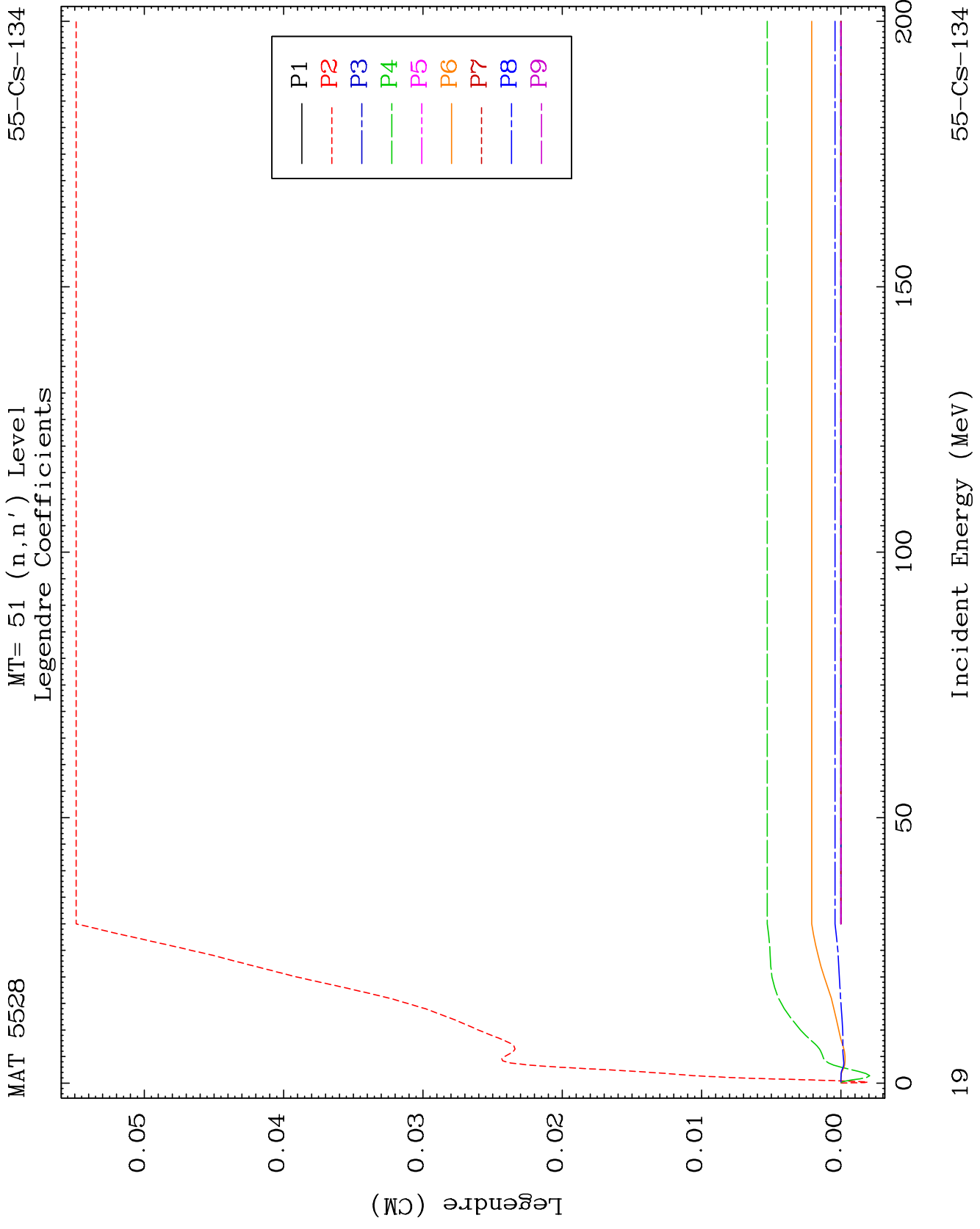
55-Cs-134

MAT 5528

Elastic Legendre Coefficients

55-Cs-134

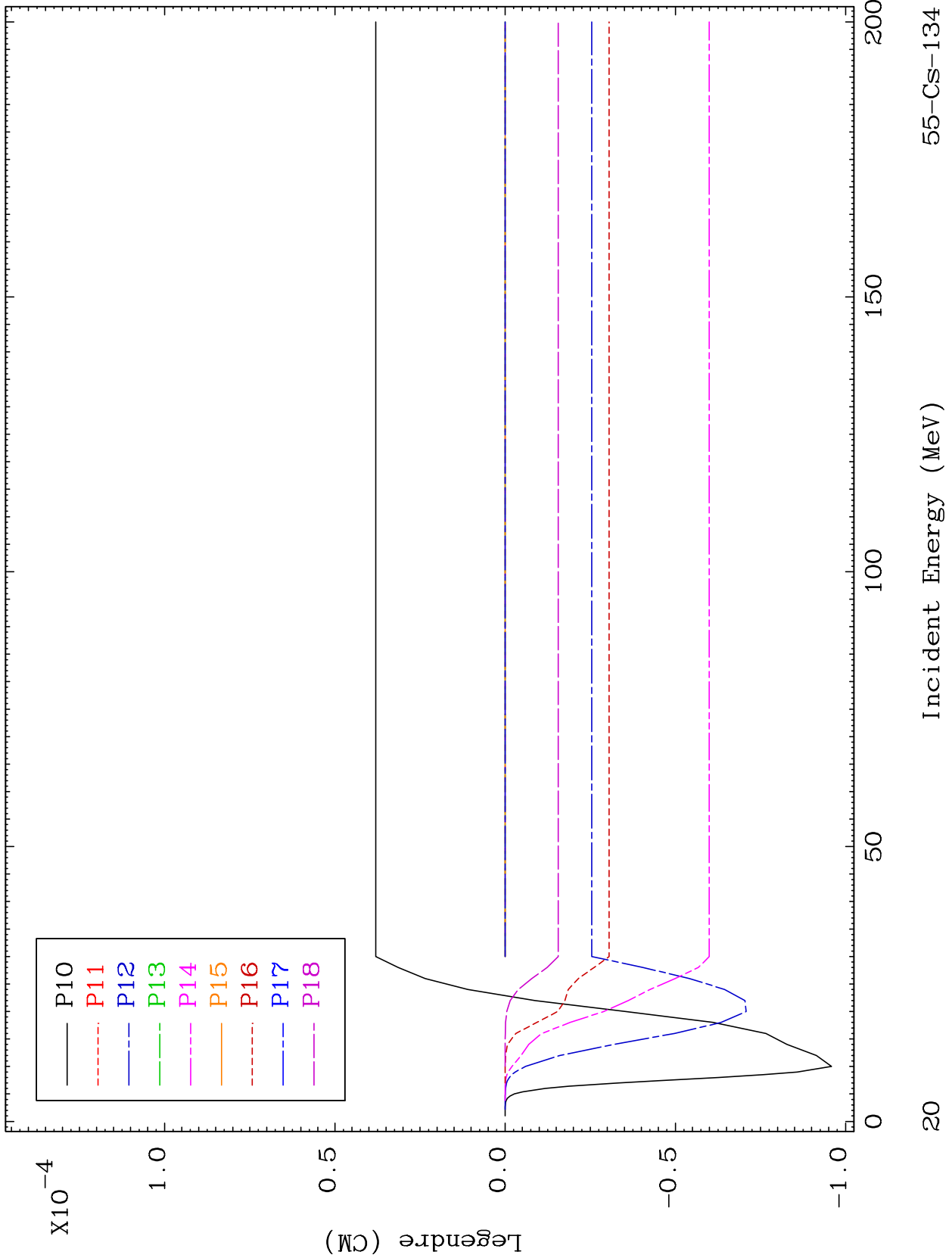




MAT 5528

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

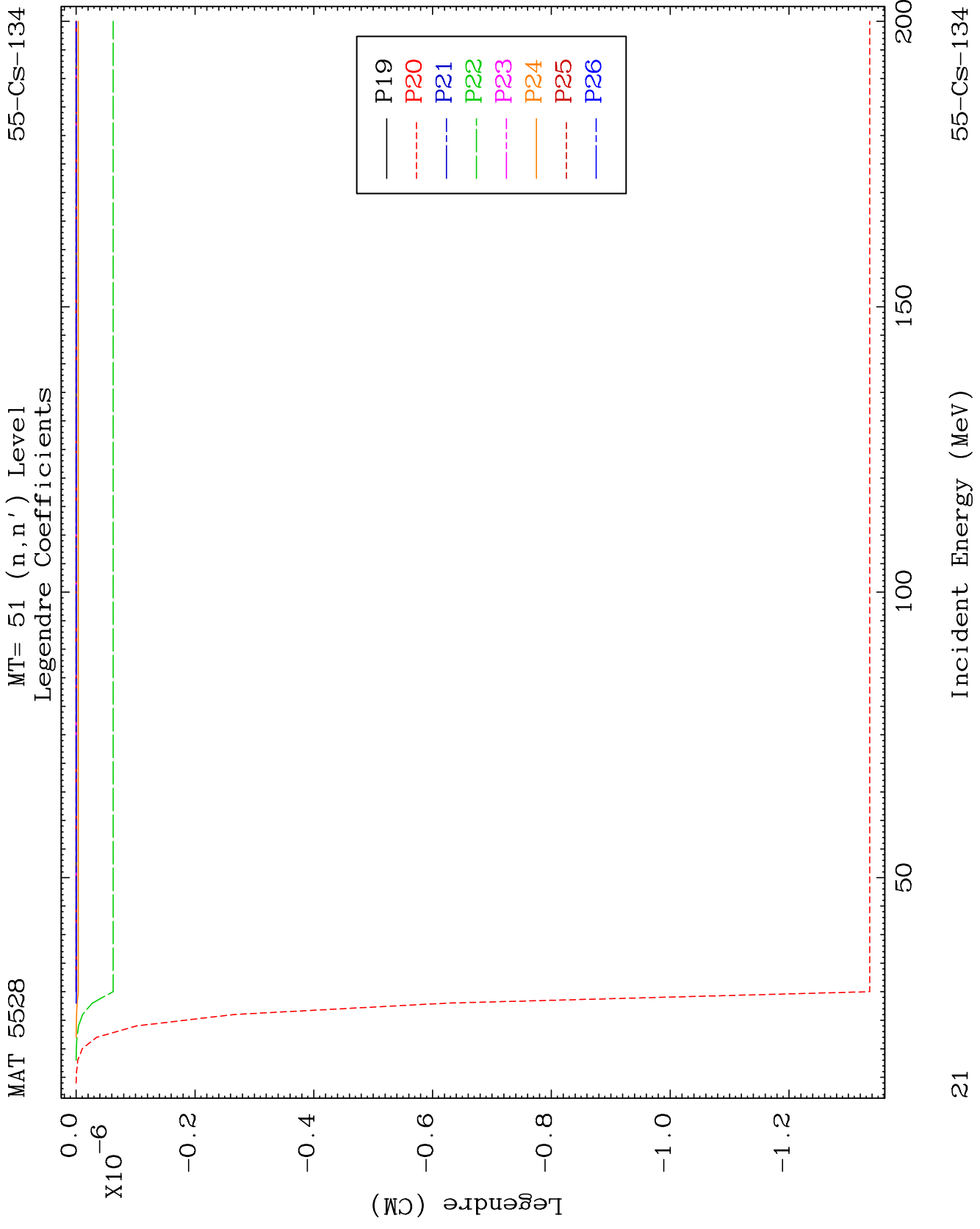
55-Cs-134

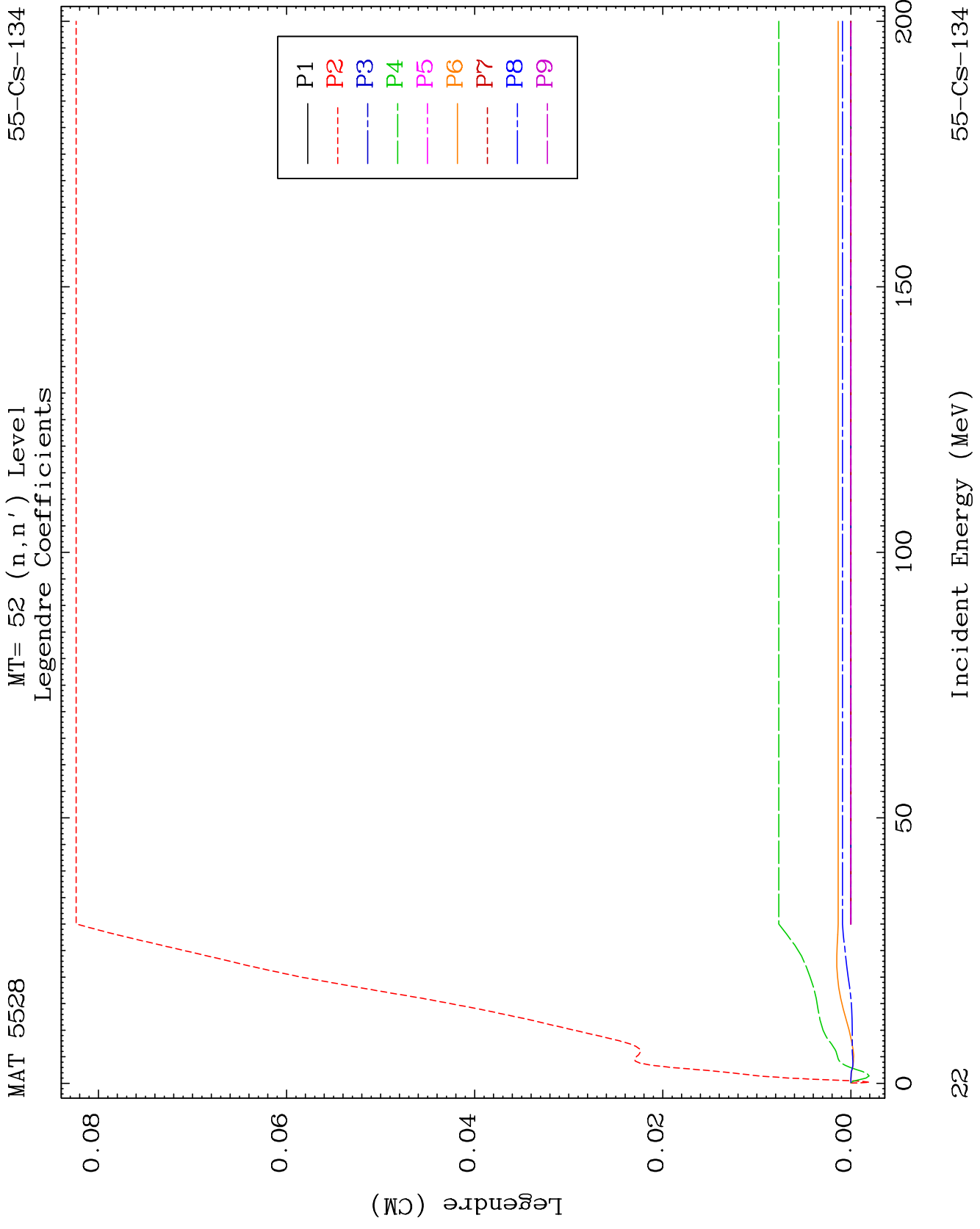


55-Cs-134

Incident Energy (MeV)

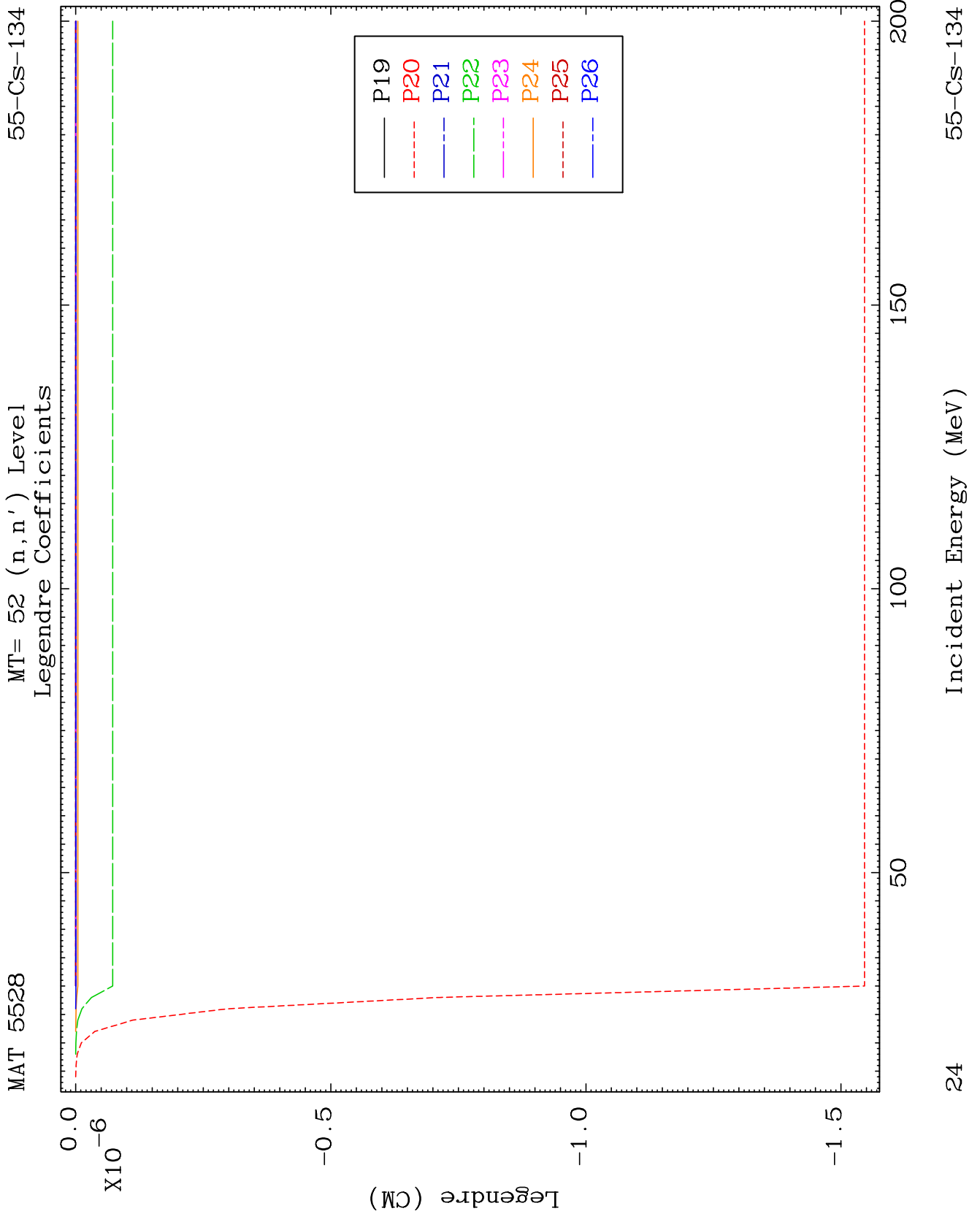
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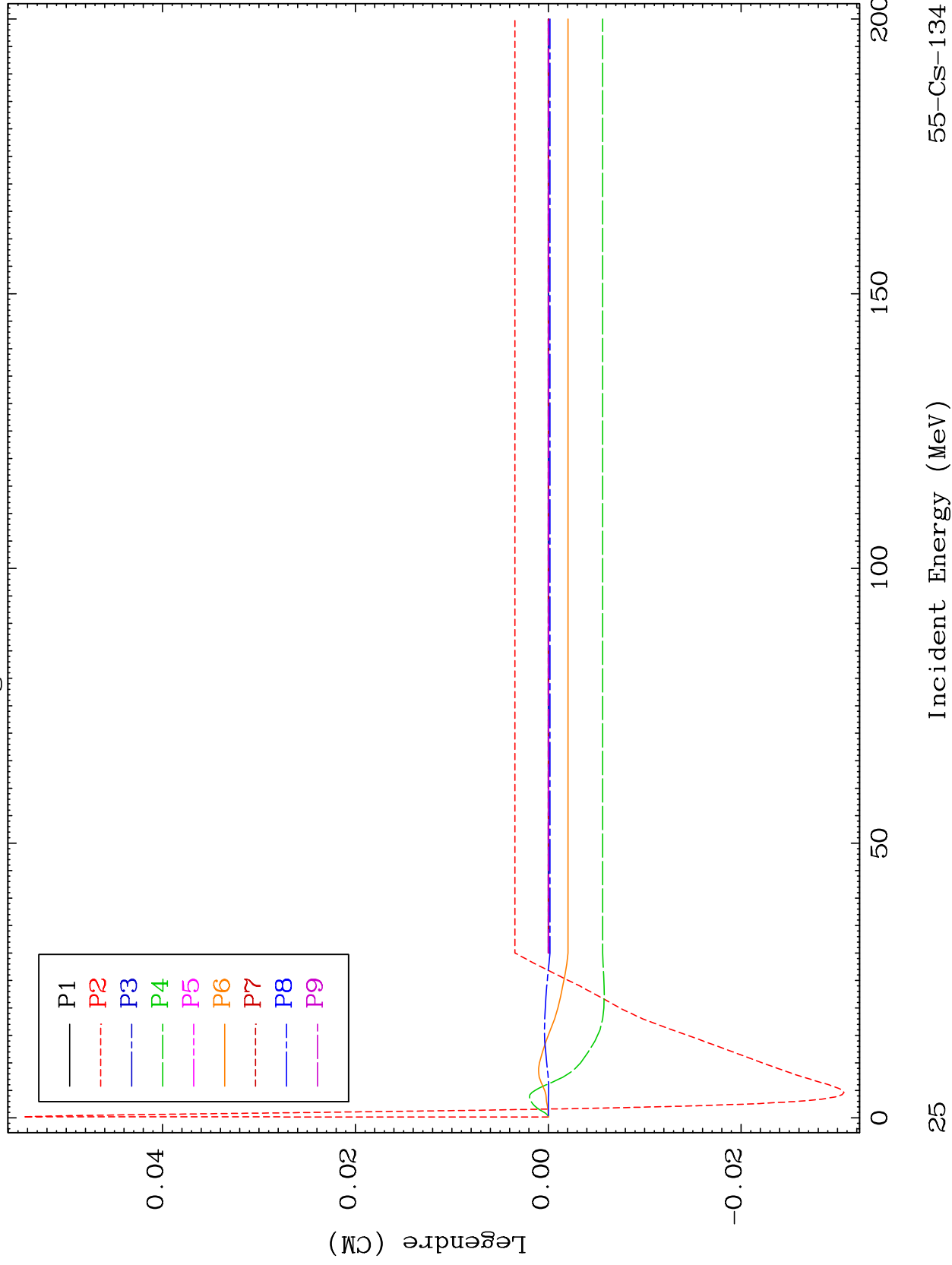




MAT 5528

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

55-Cs-134



55-Cs-134

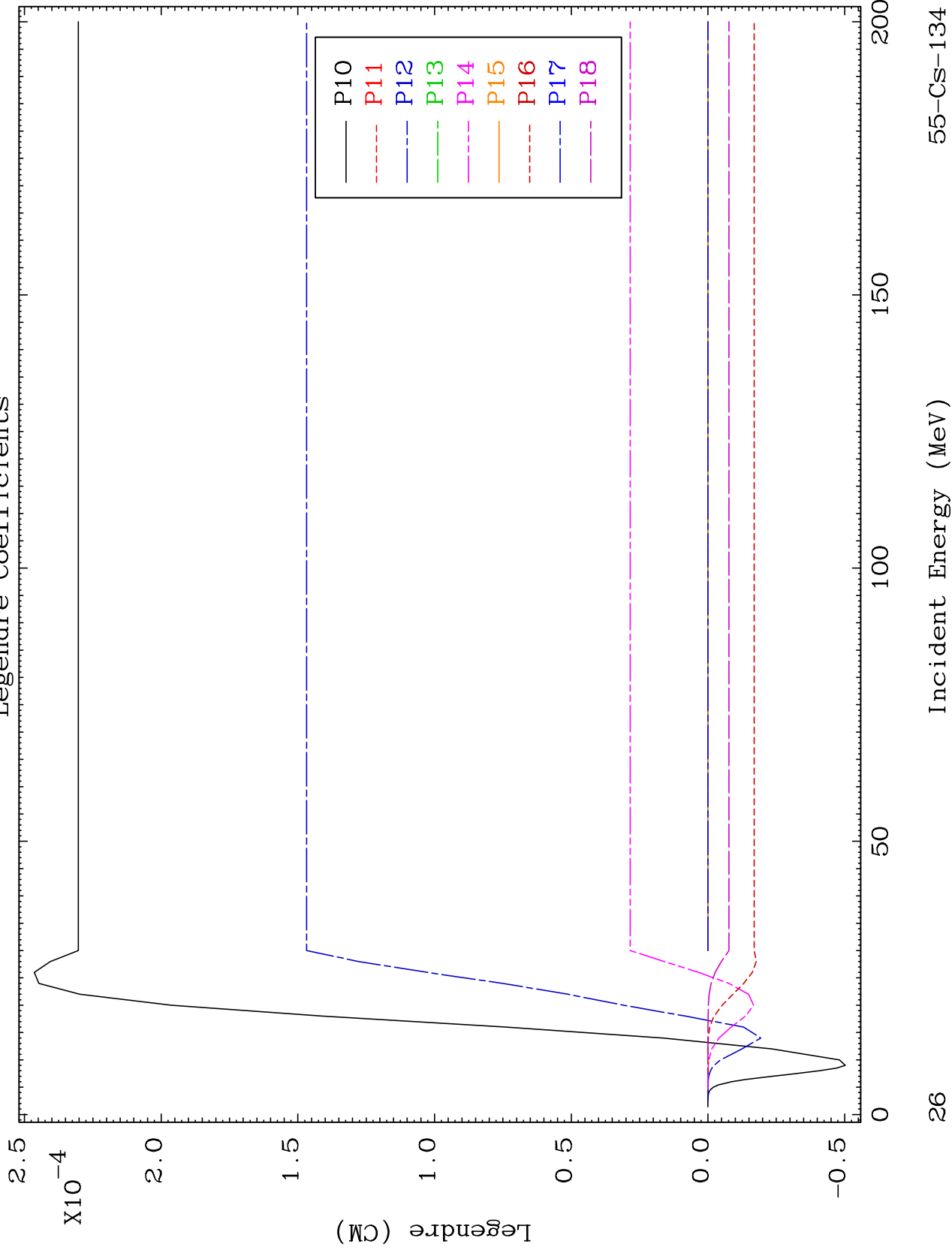
Incident Energy (MeV)

25

MAT 5528

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

55-Cs-134



55-Cs-134

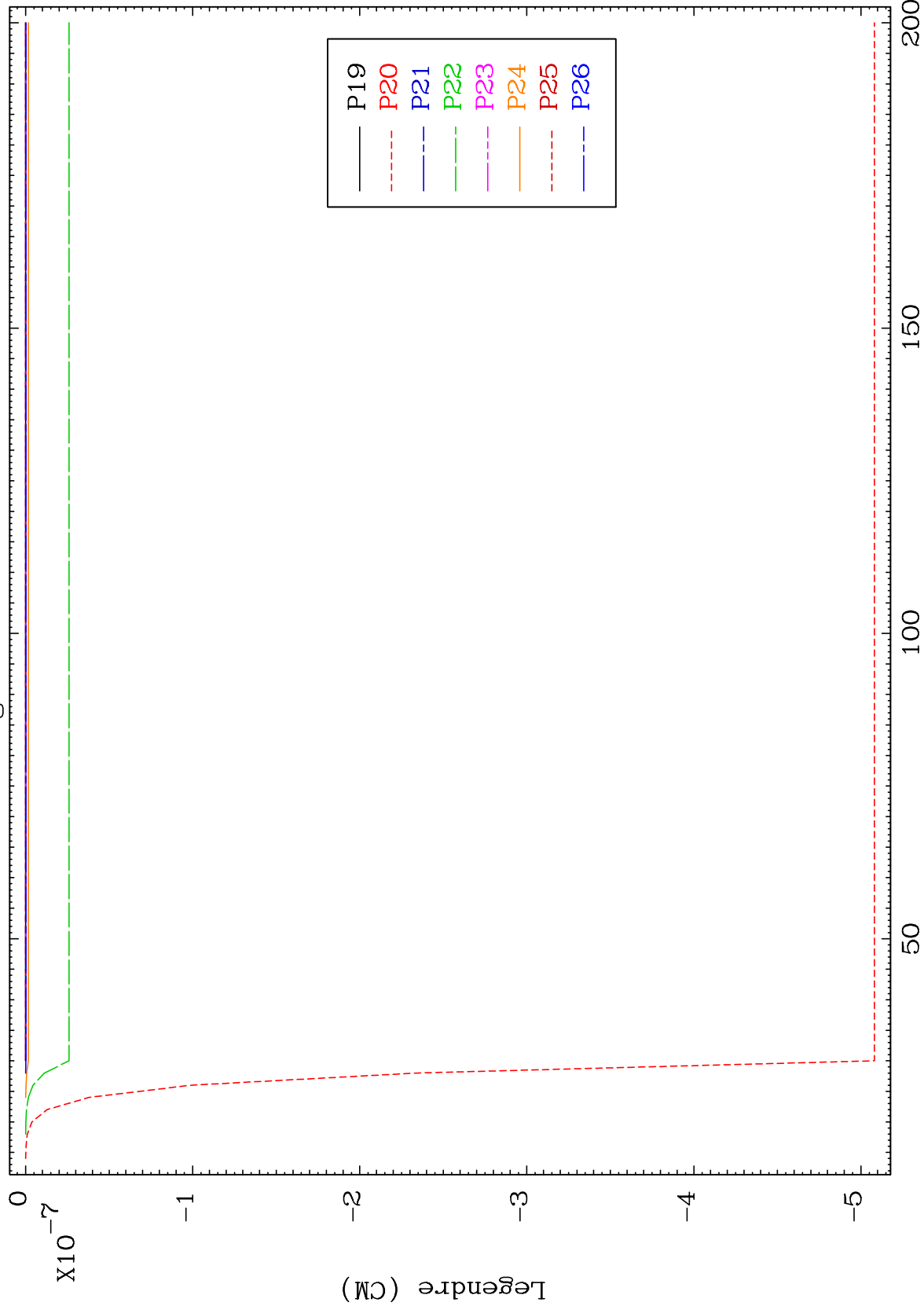
Incident Energy (MeV)

26

MAT 5528

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

55-Cs-134



55-Cs-134

Incident Energy (MeV)

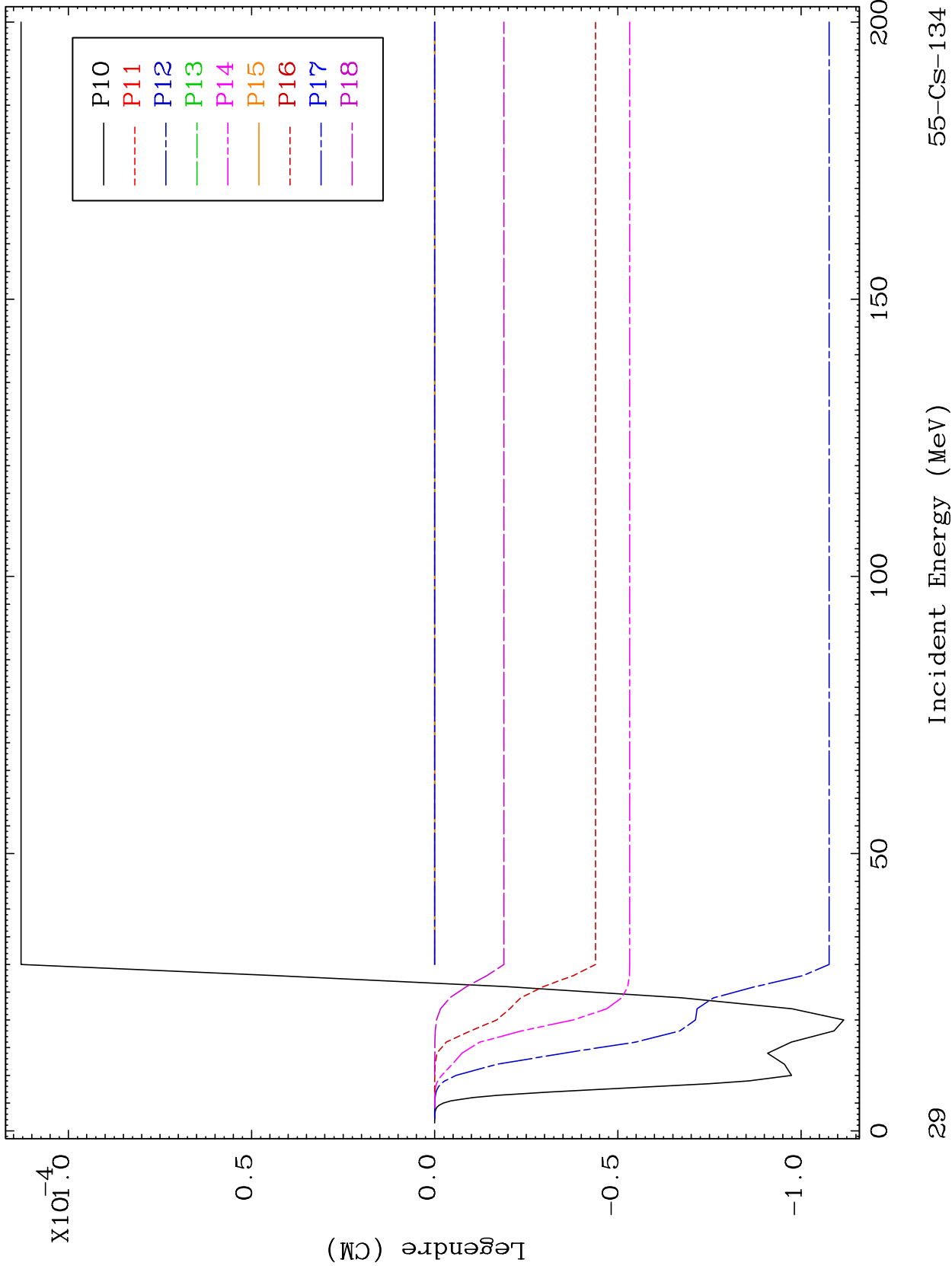
27



MAT 5528

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

55-Cs-134



55-Cs-134

Incident Energy (MeV)

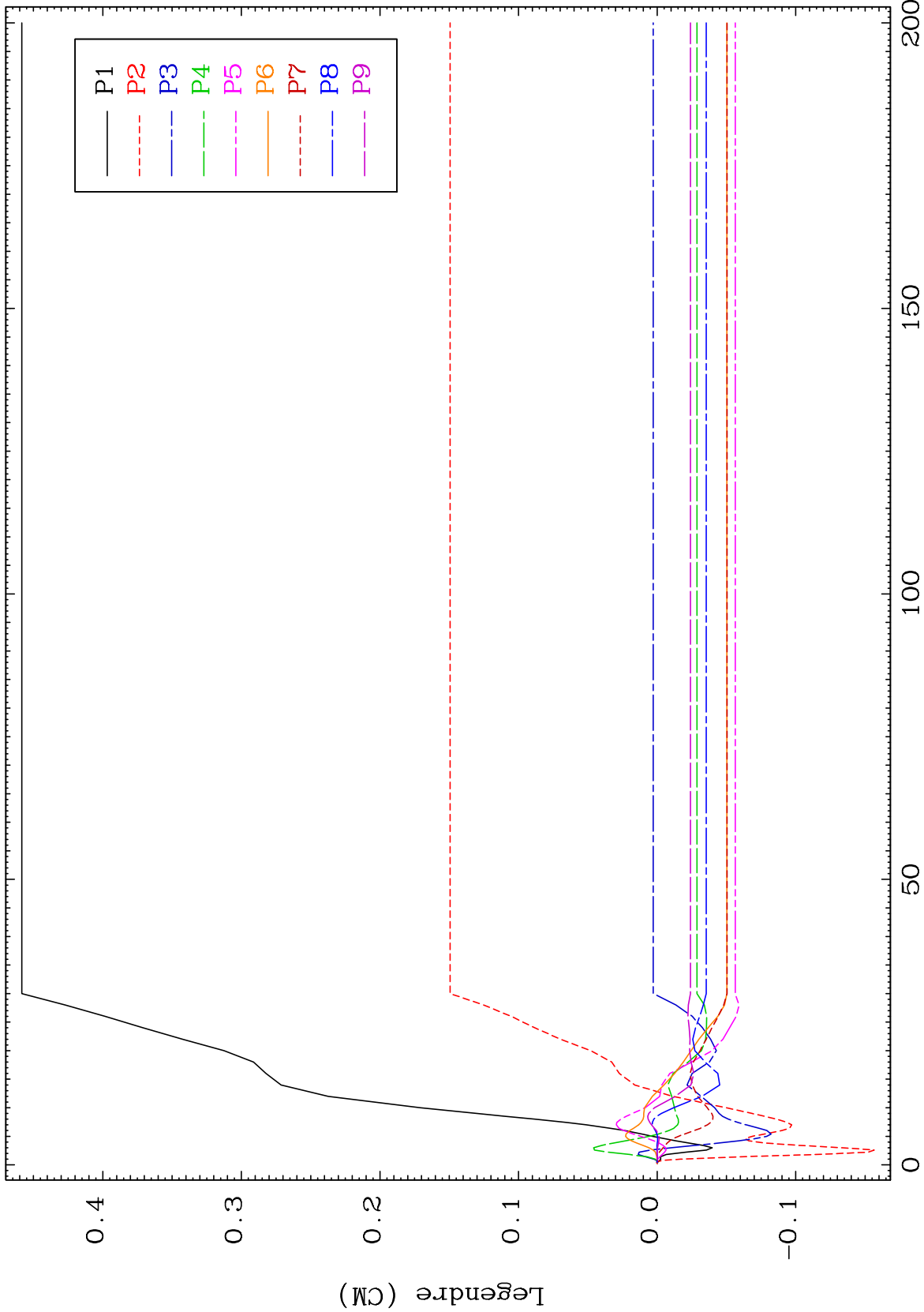
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MAT 5528

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

55-Cs-134



31

Incident Energy (MeV)

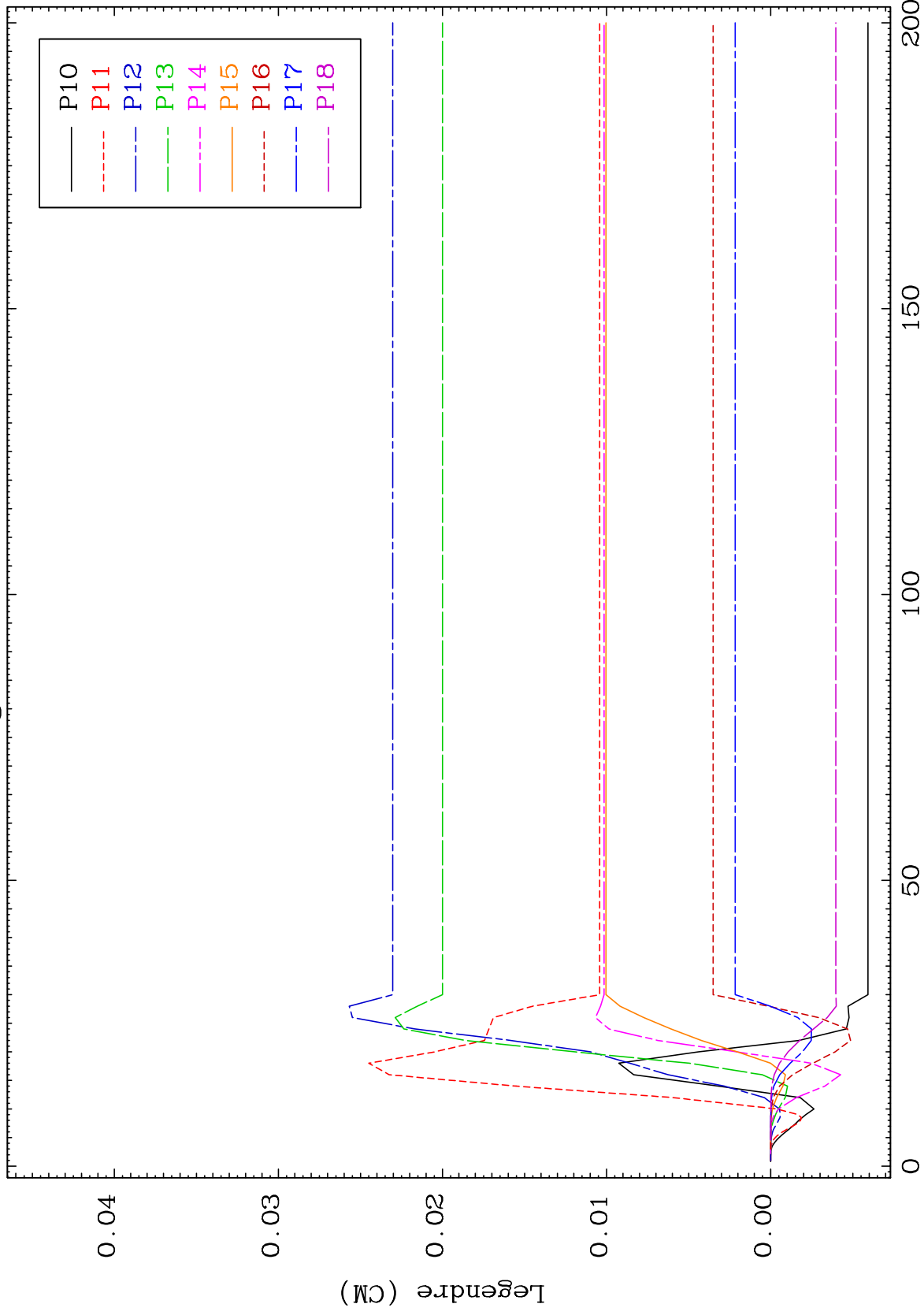
55-Cs-134



MAT 5528

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

55-Cs-134



32

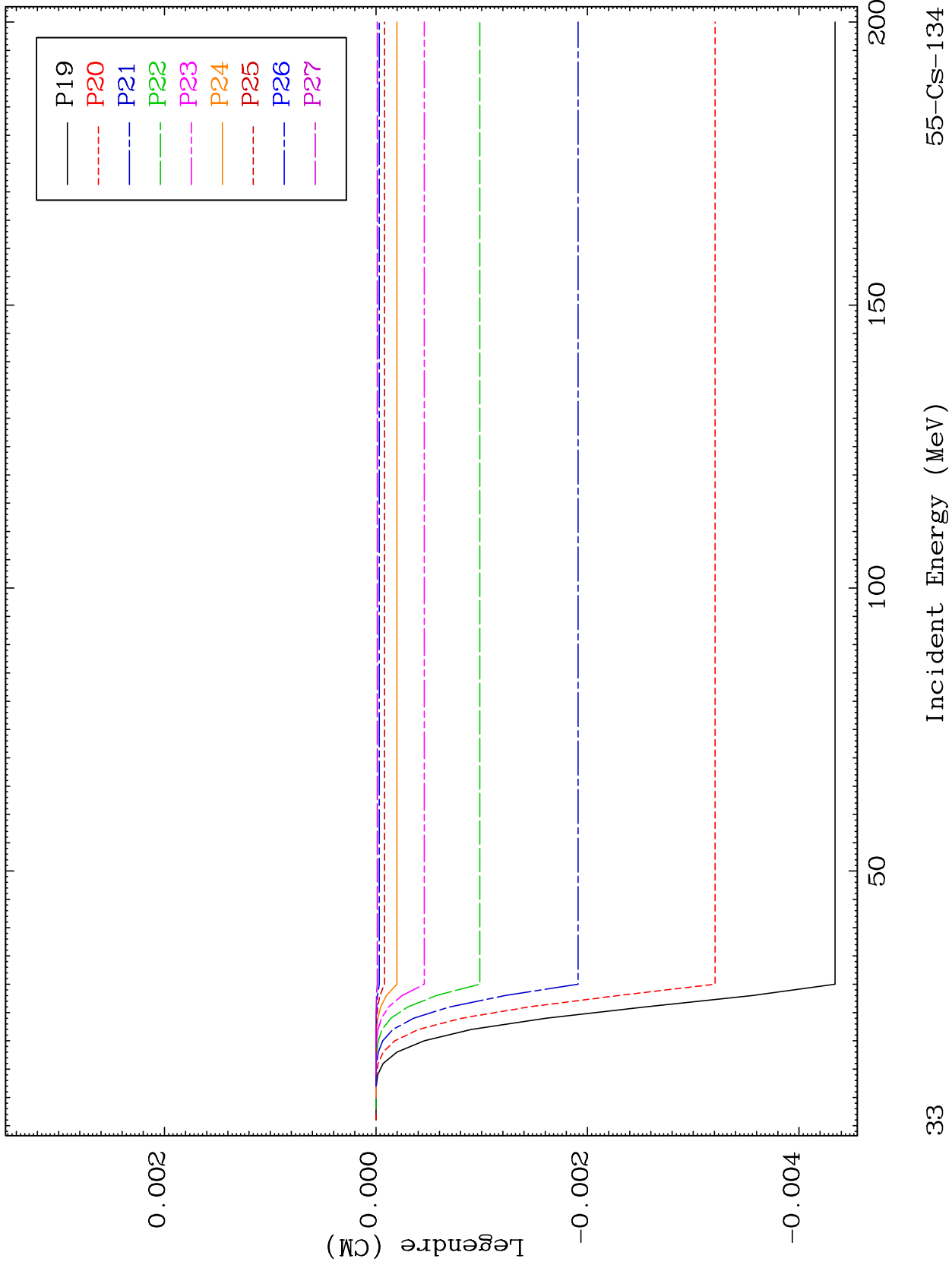
Incident Energy (MeV)

55-Cs-134

MAT 5528

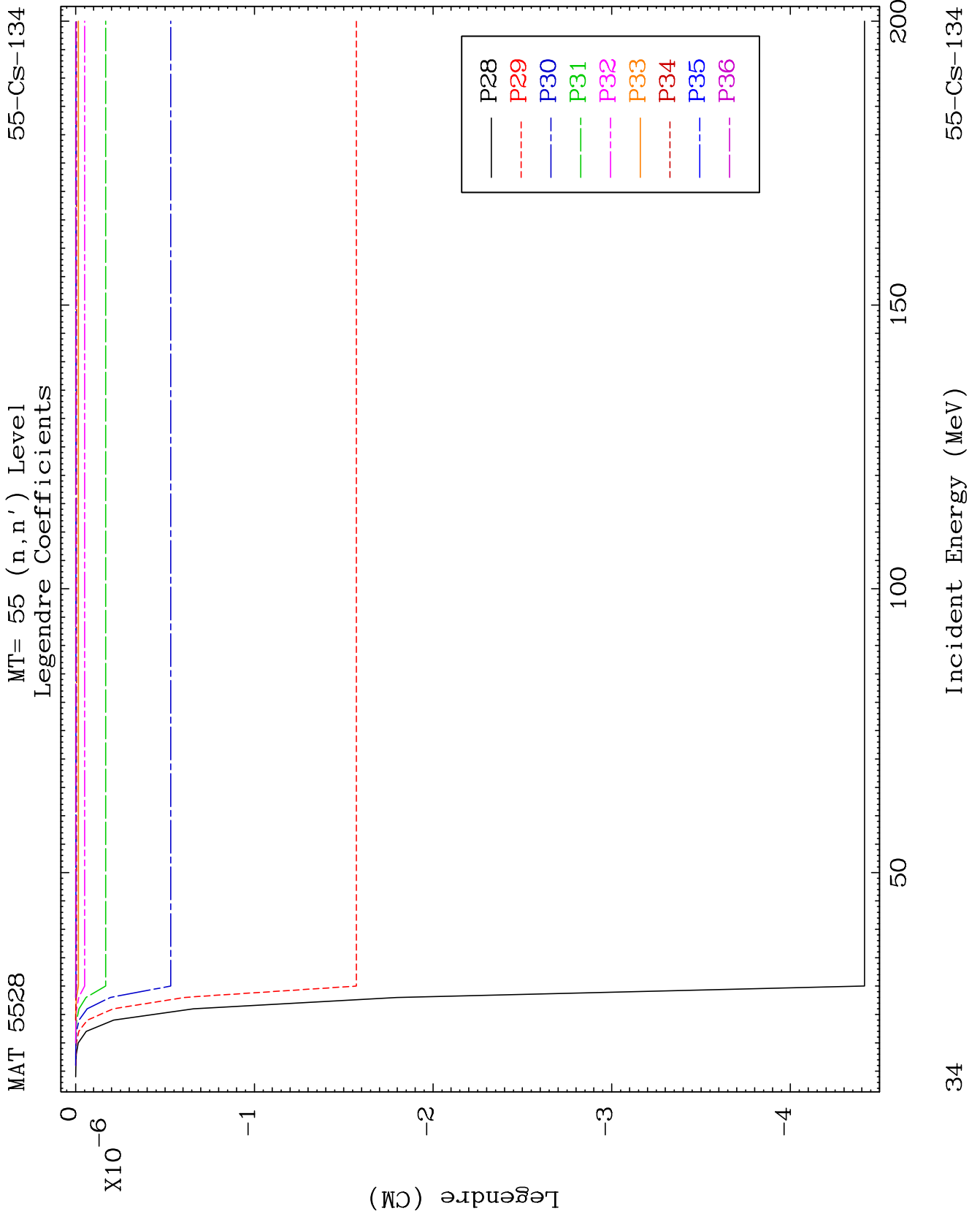
MT= 55 (n,n') Level  
Legendre Coefficients

55-Cs-134



33

55-Cs-134

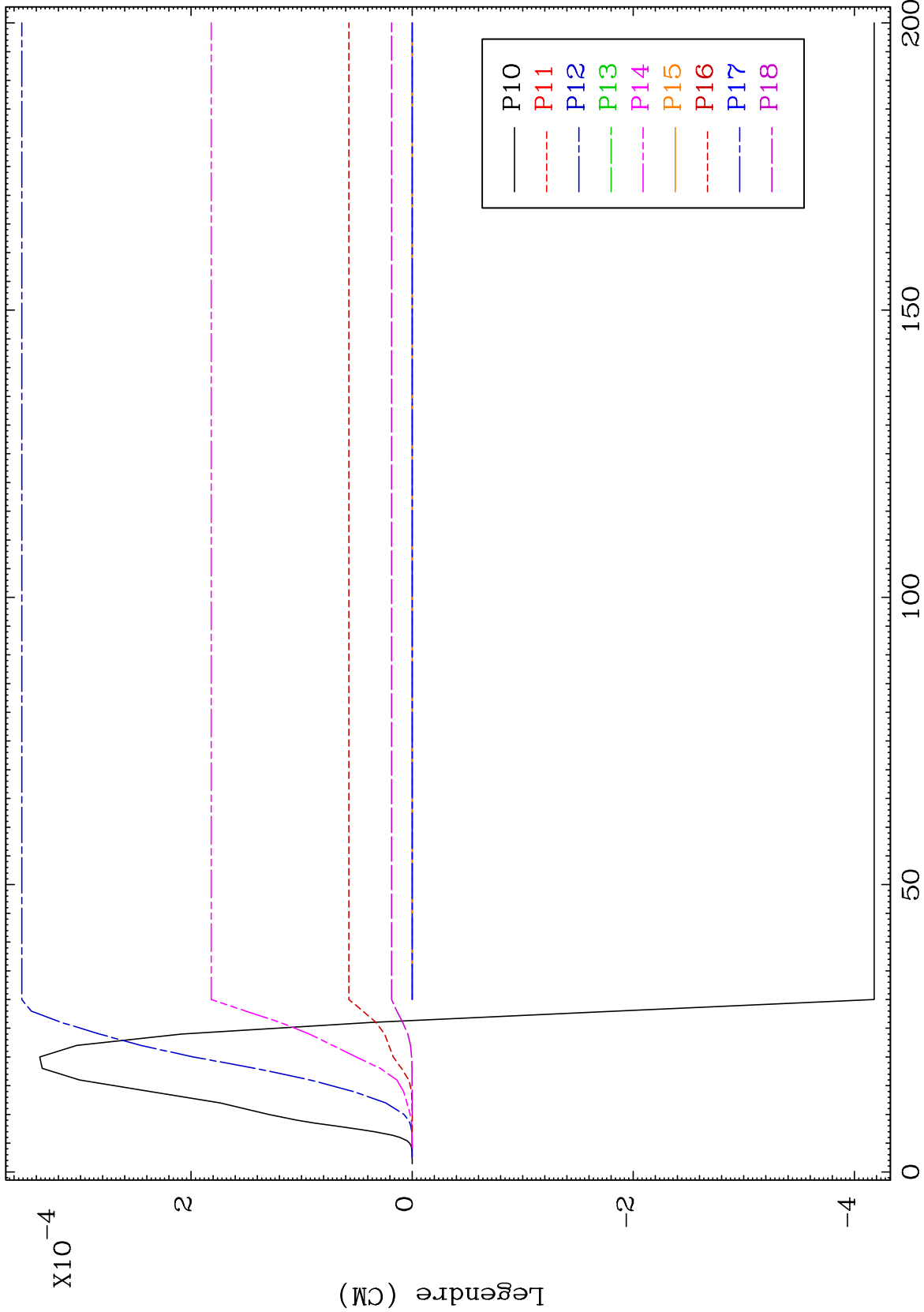




MAT 5528

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

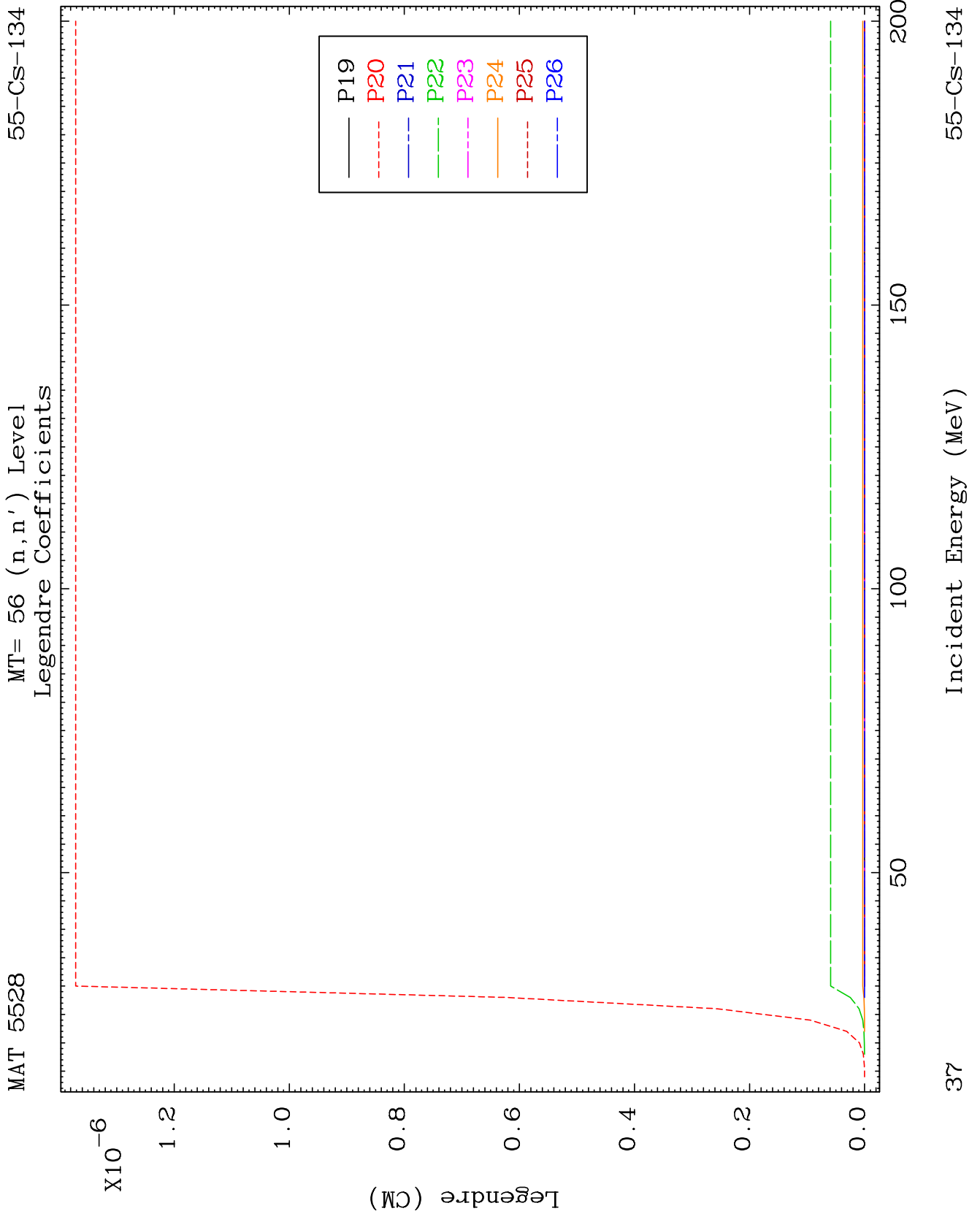
55-Cs-134



36

Incident Energy (MeV)

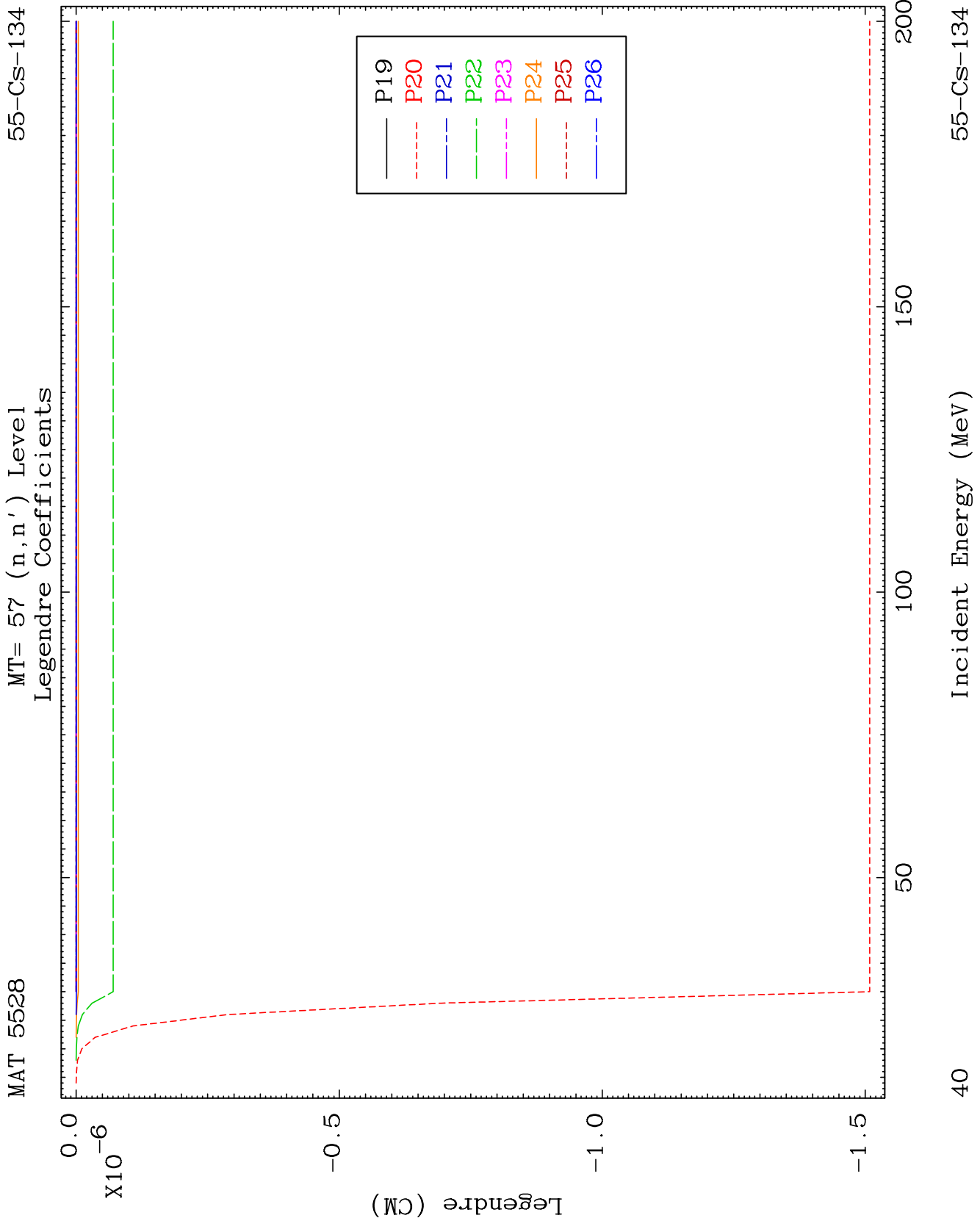
55-Cs-134







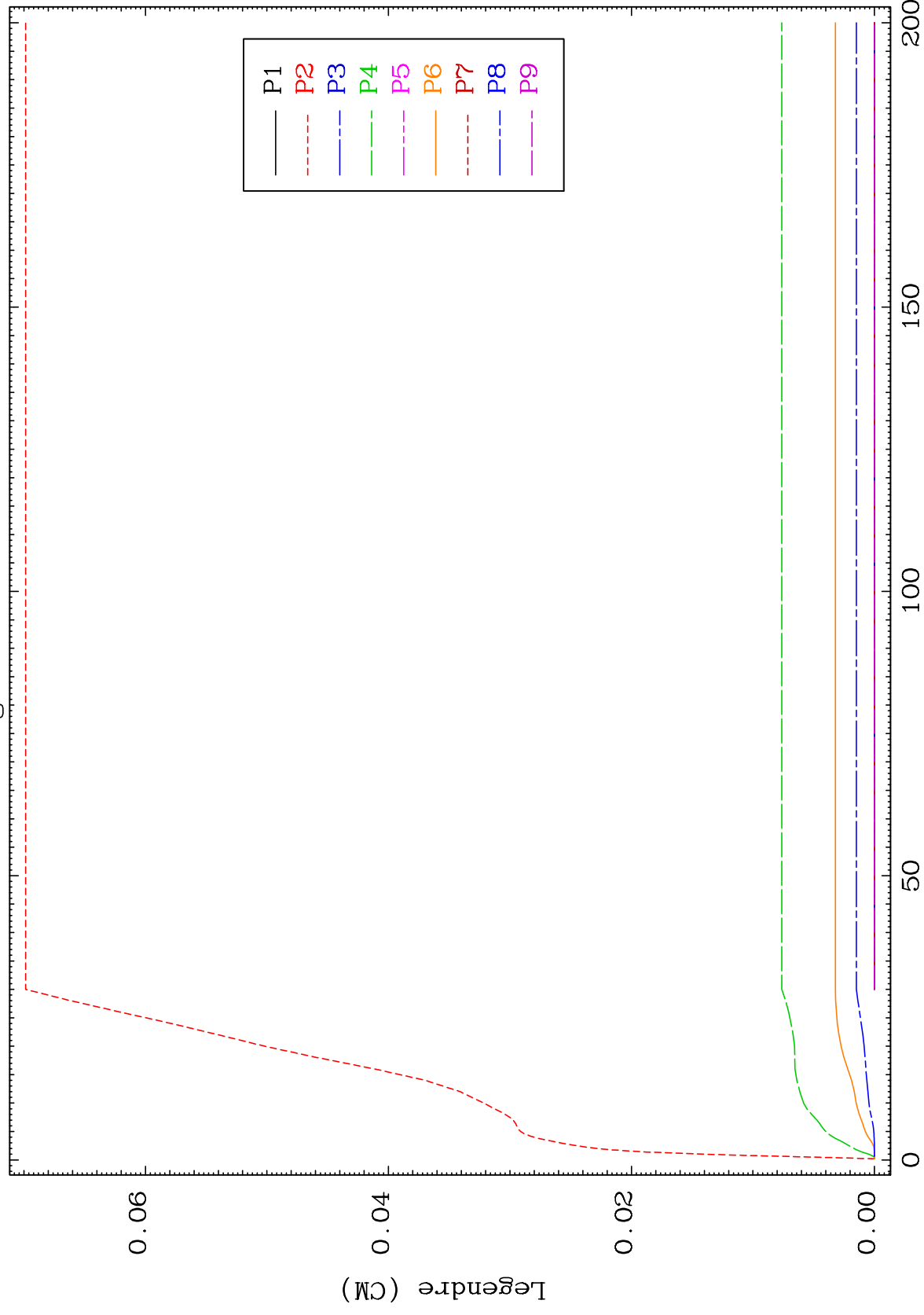




MAT 5528

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

55-Cs-134



41

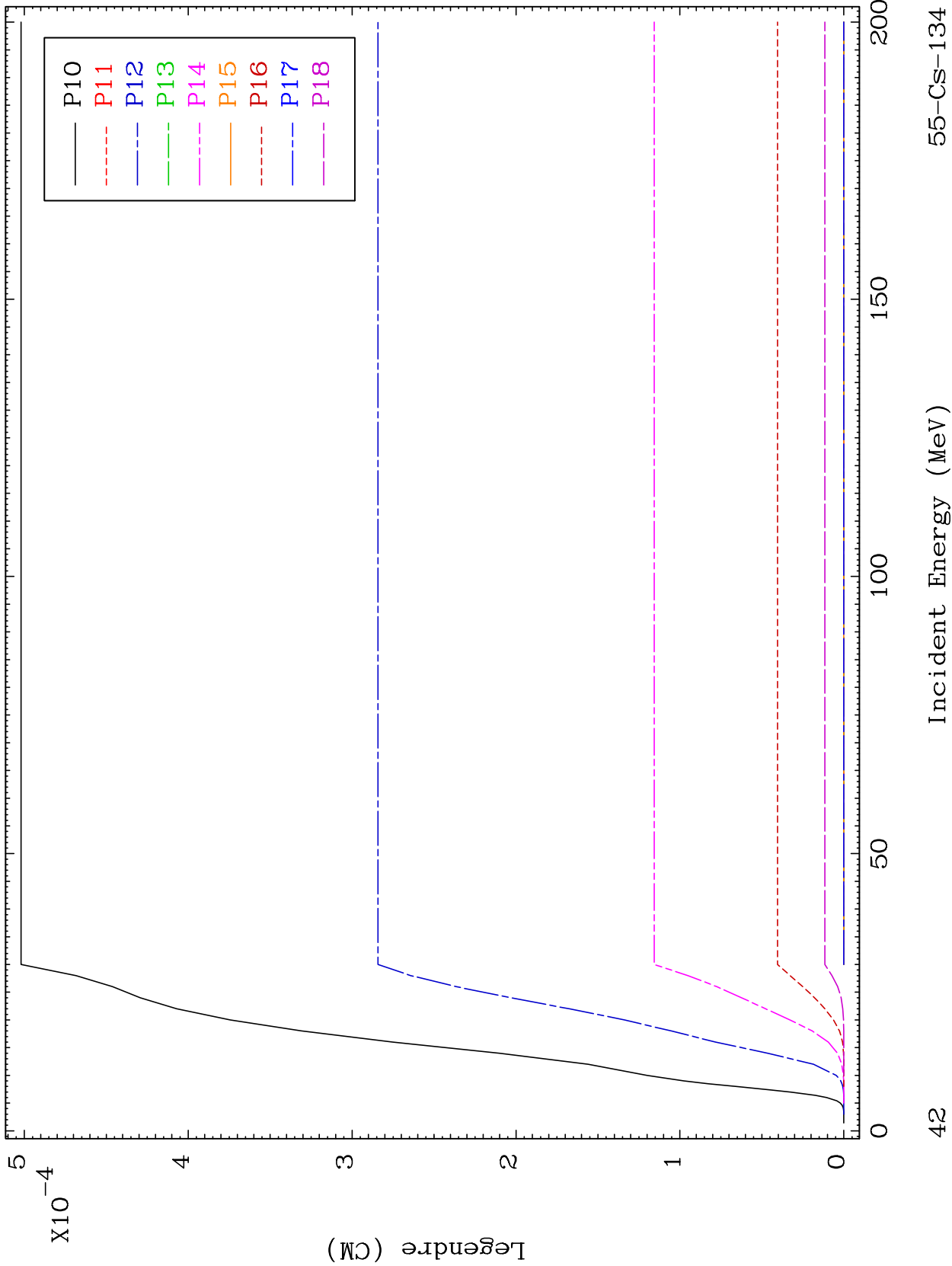
Incident Energy (MeV)

55-Cs-134

MAT 5528

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

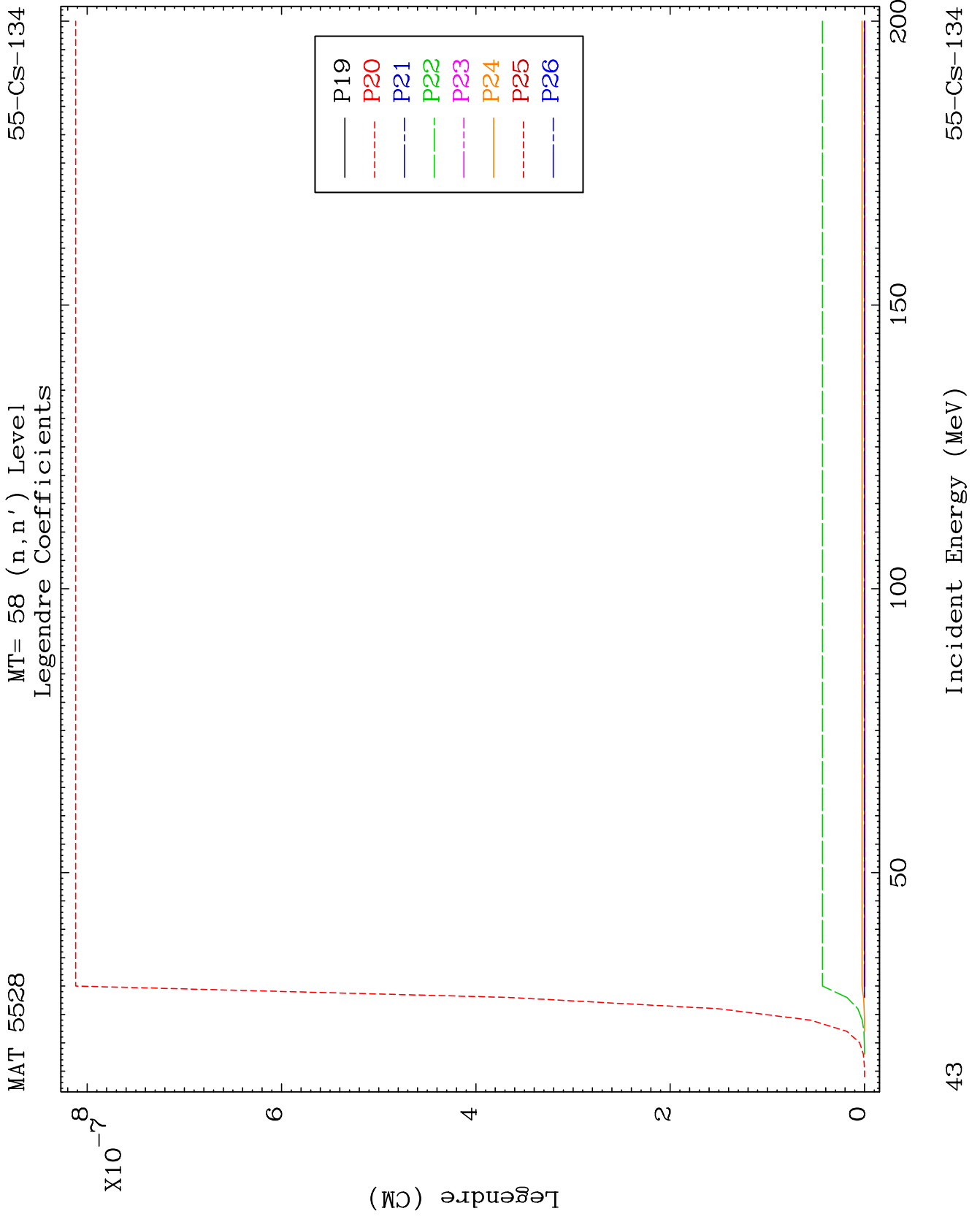
55-Cs-134



55-Cs-134

Incident Energy (MeV)

42



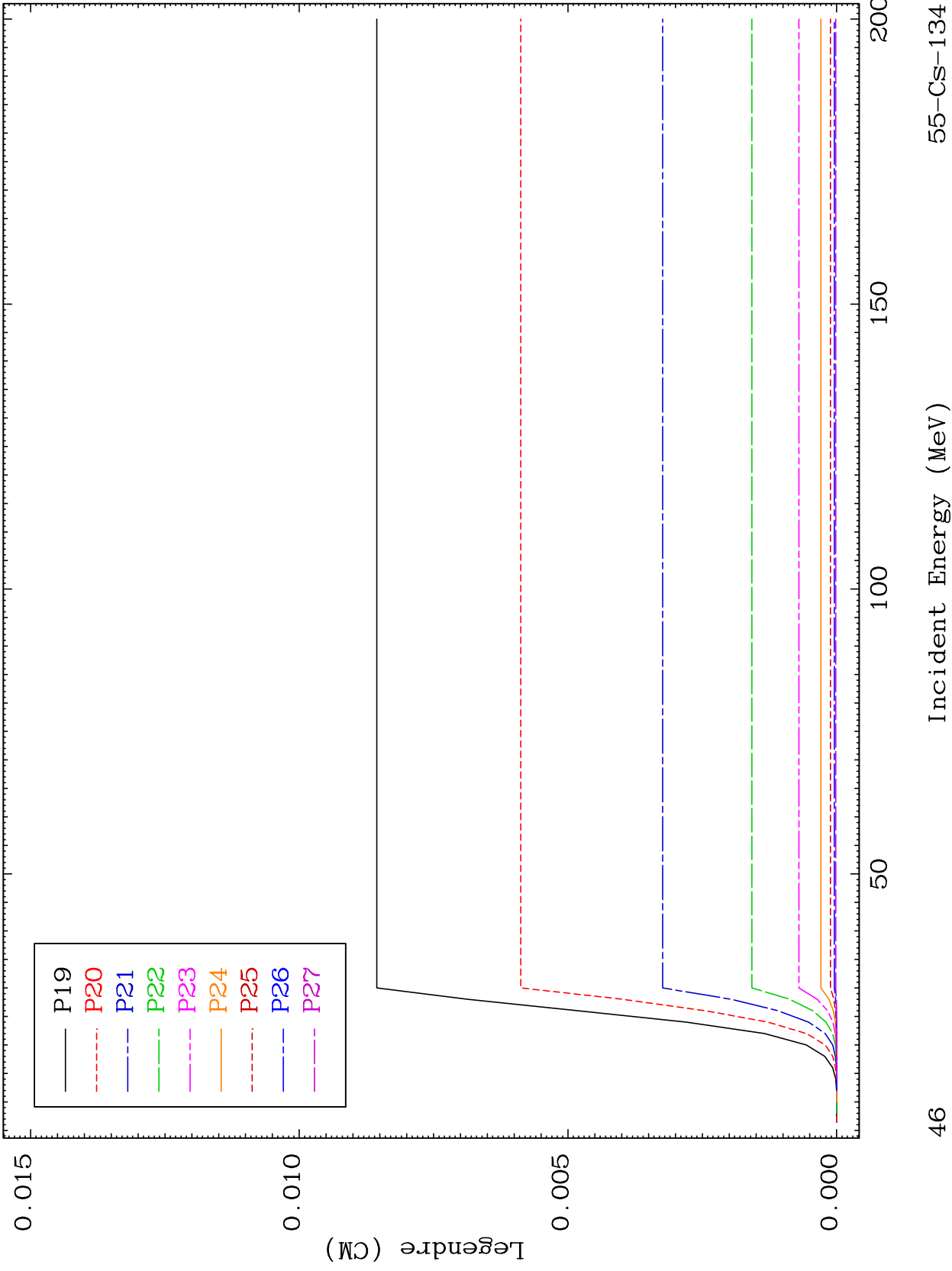




MAT 5528

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

55-Cs-134



46

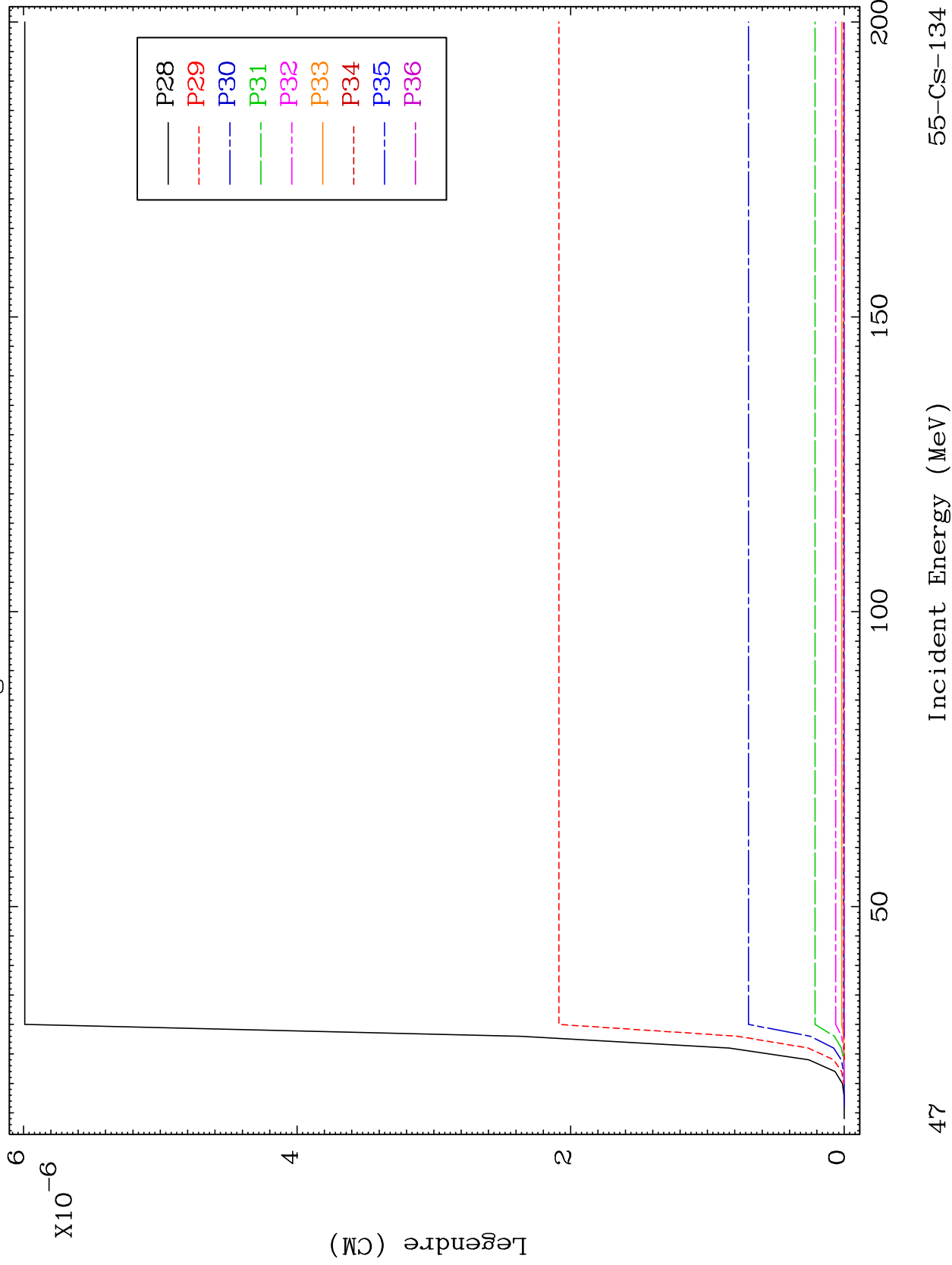
Incident Energy (MeV)

55-Cs-134

MAT 5528

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

55-Cs-134

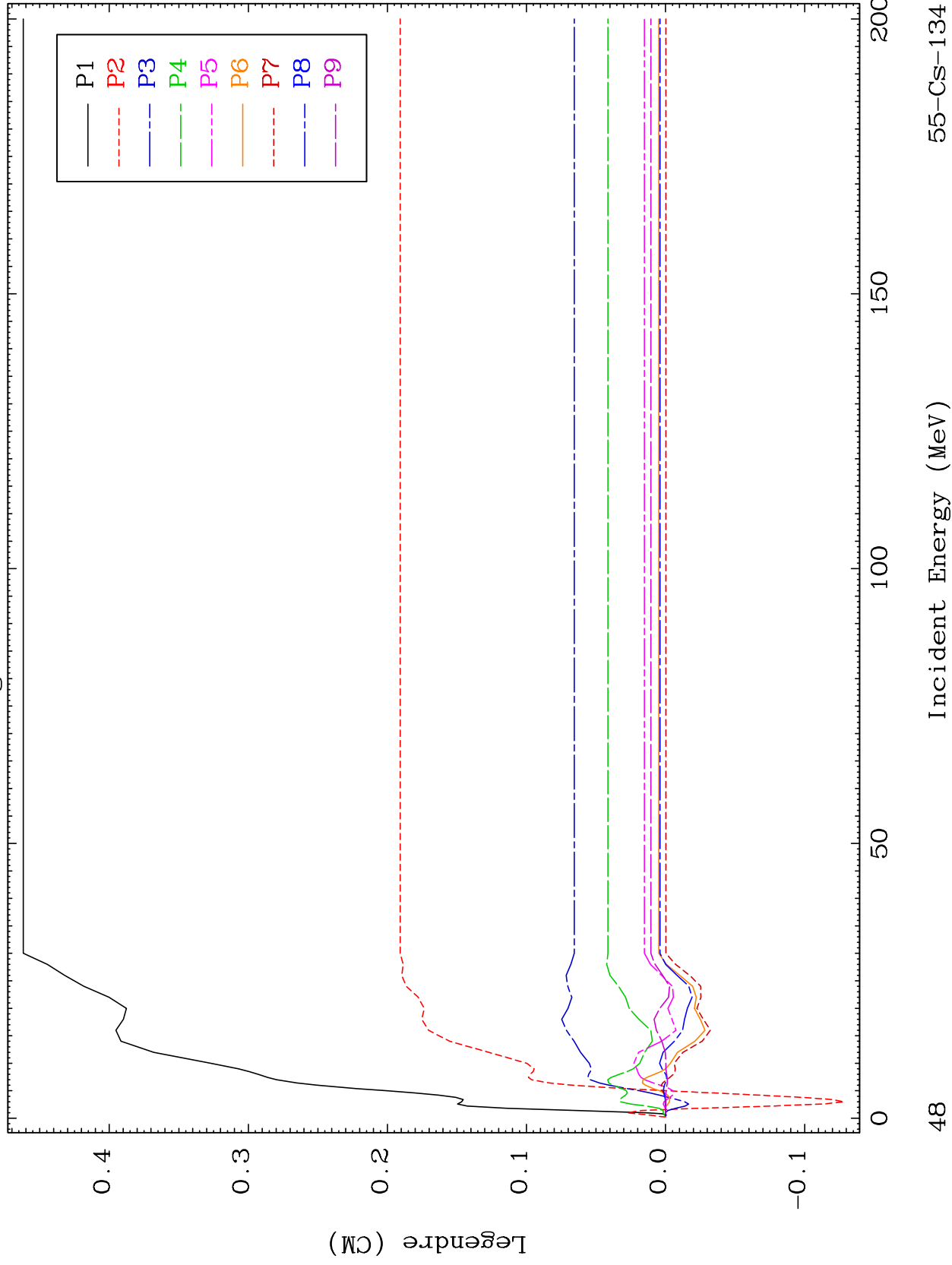




MAT 5528

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

55-Cs-134

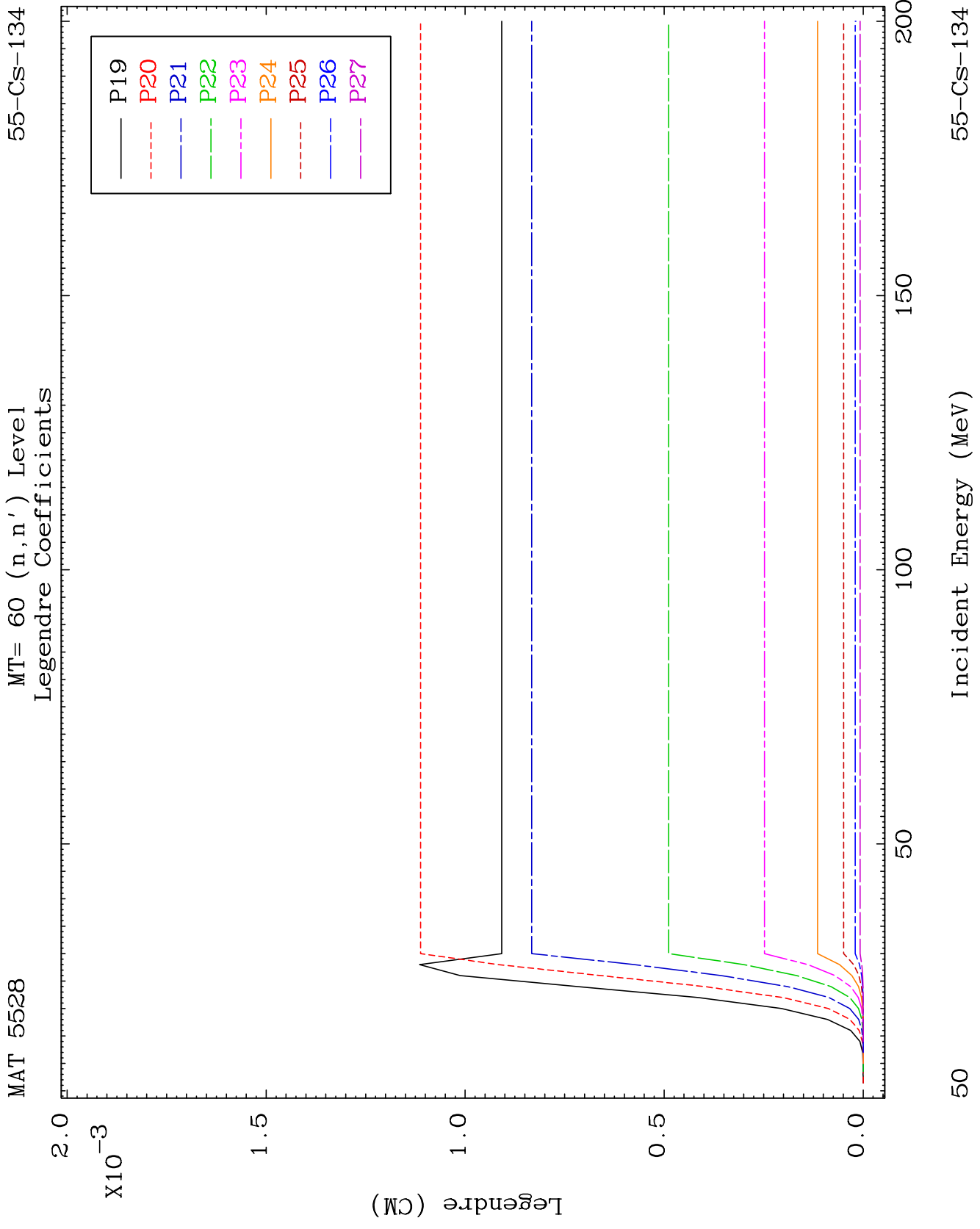


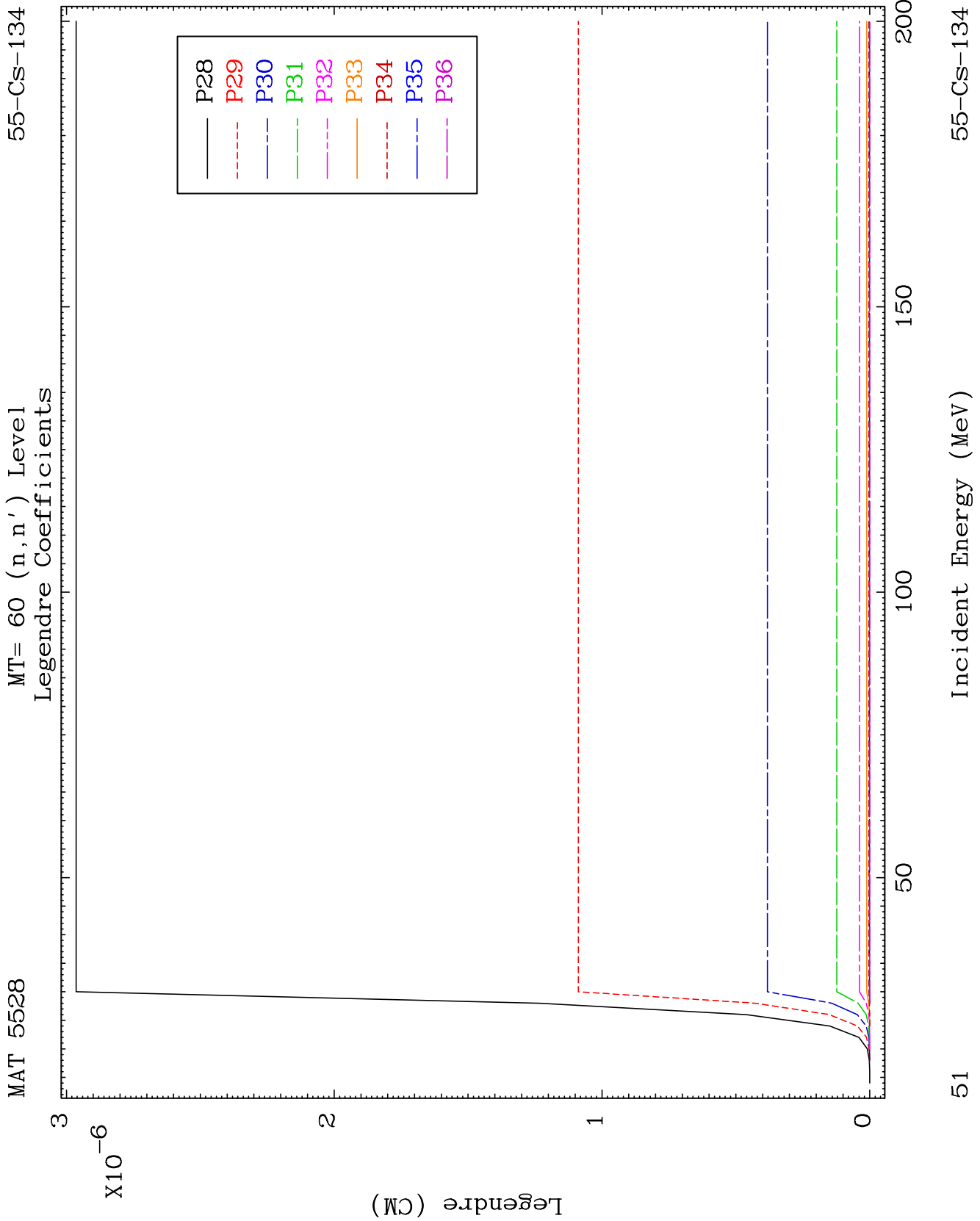
55-Cs-134

Incident Energy (MeV)

48





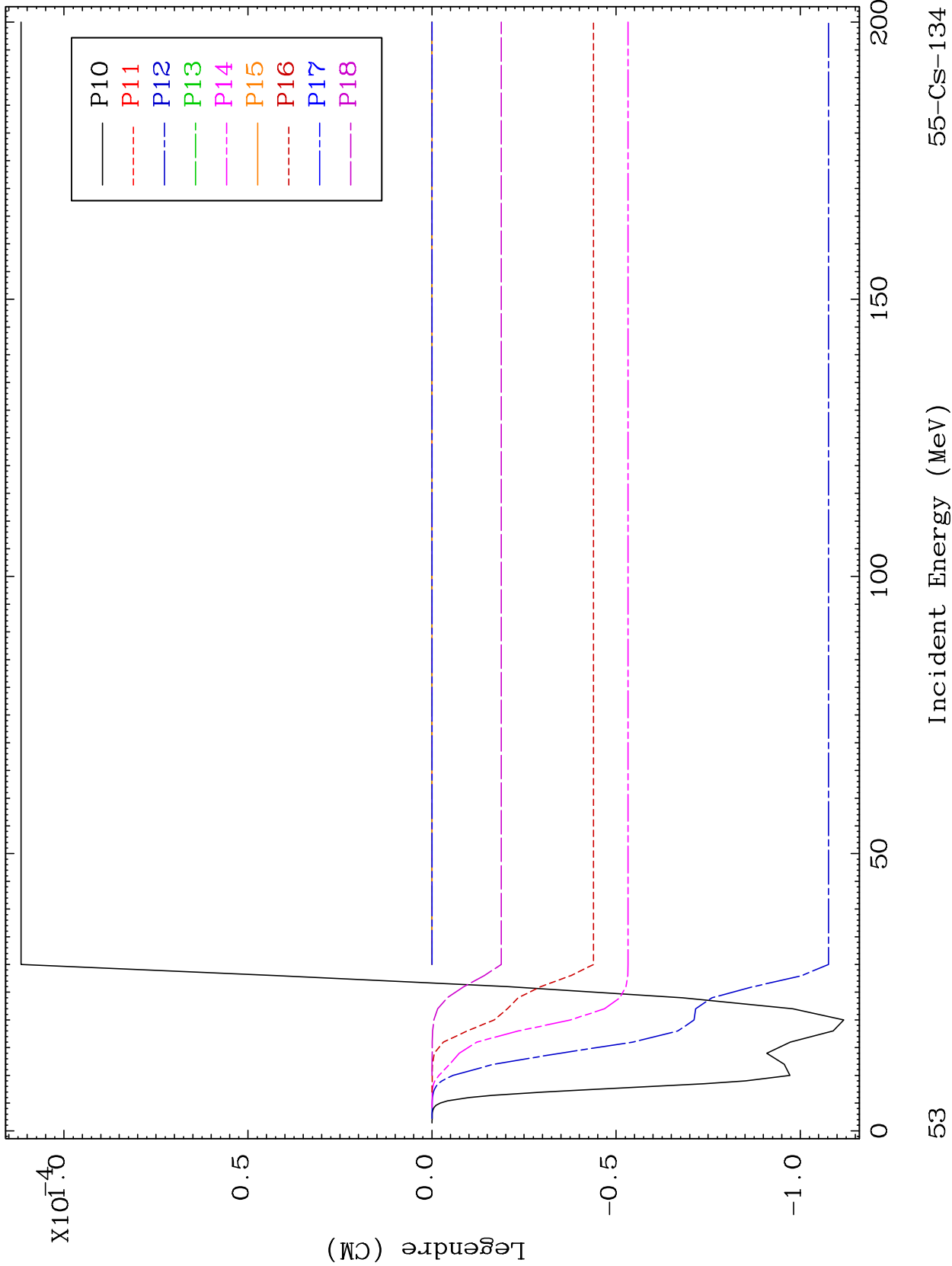




MAT 5528

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

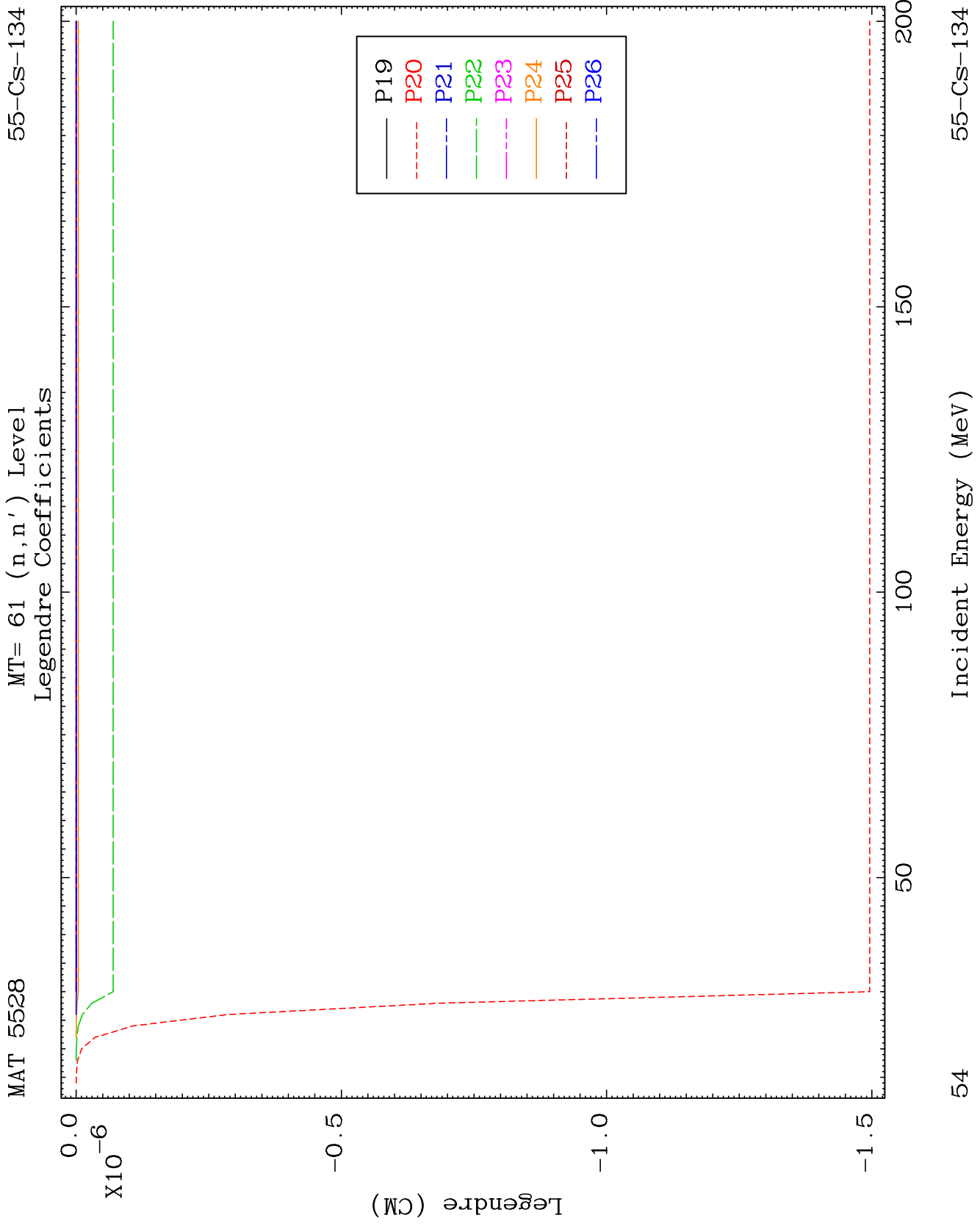
55-Cs-134



55-Cs-134

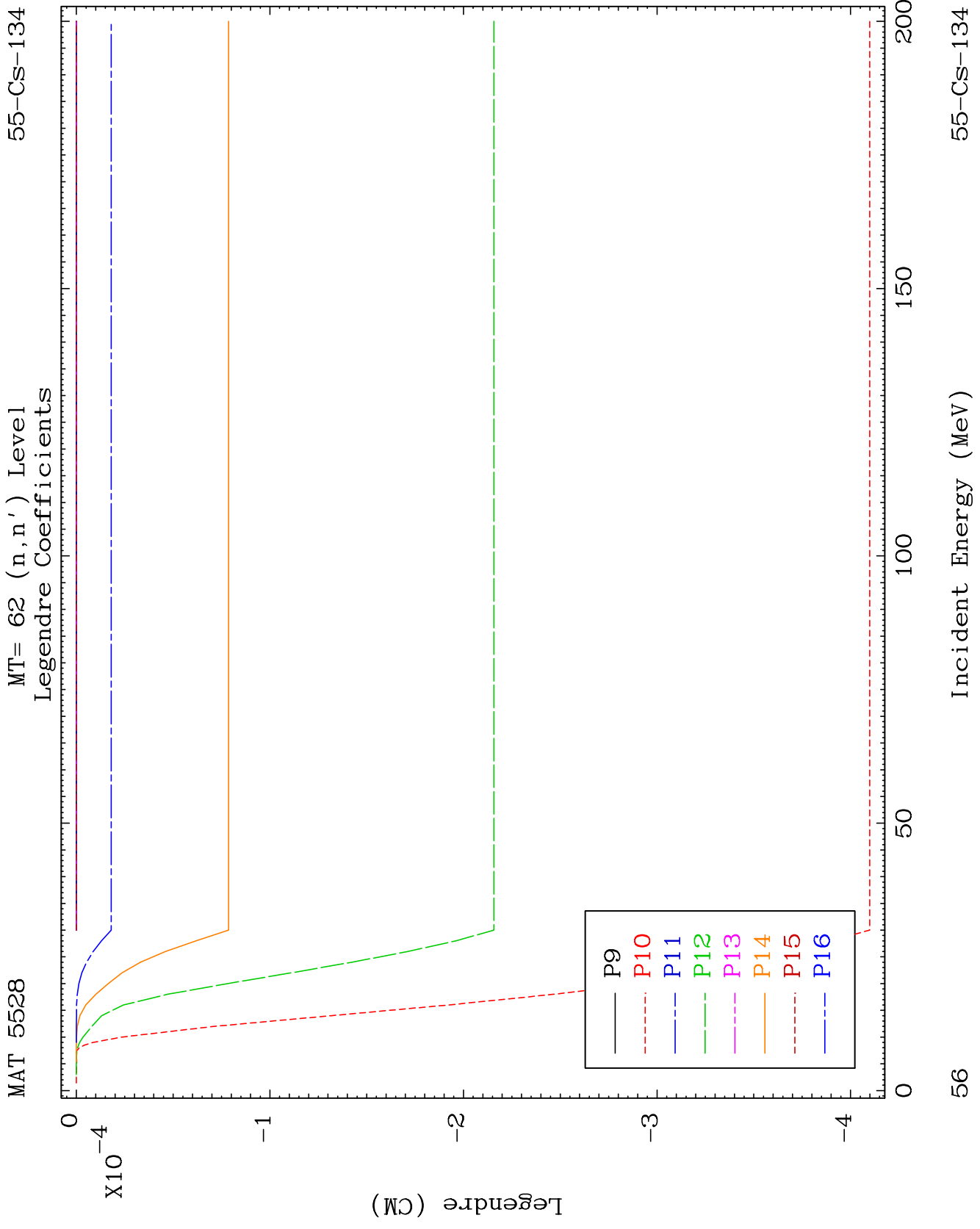
Incident Energy (MeV)

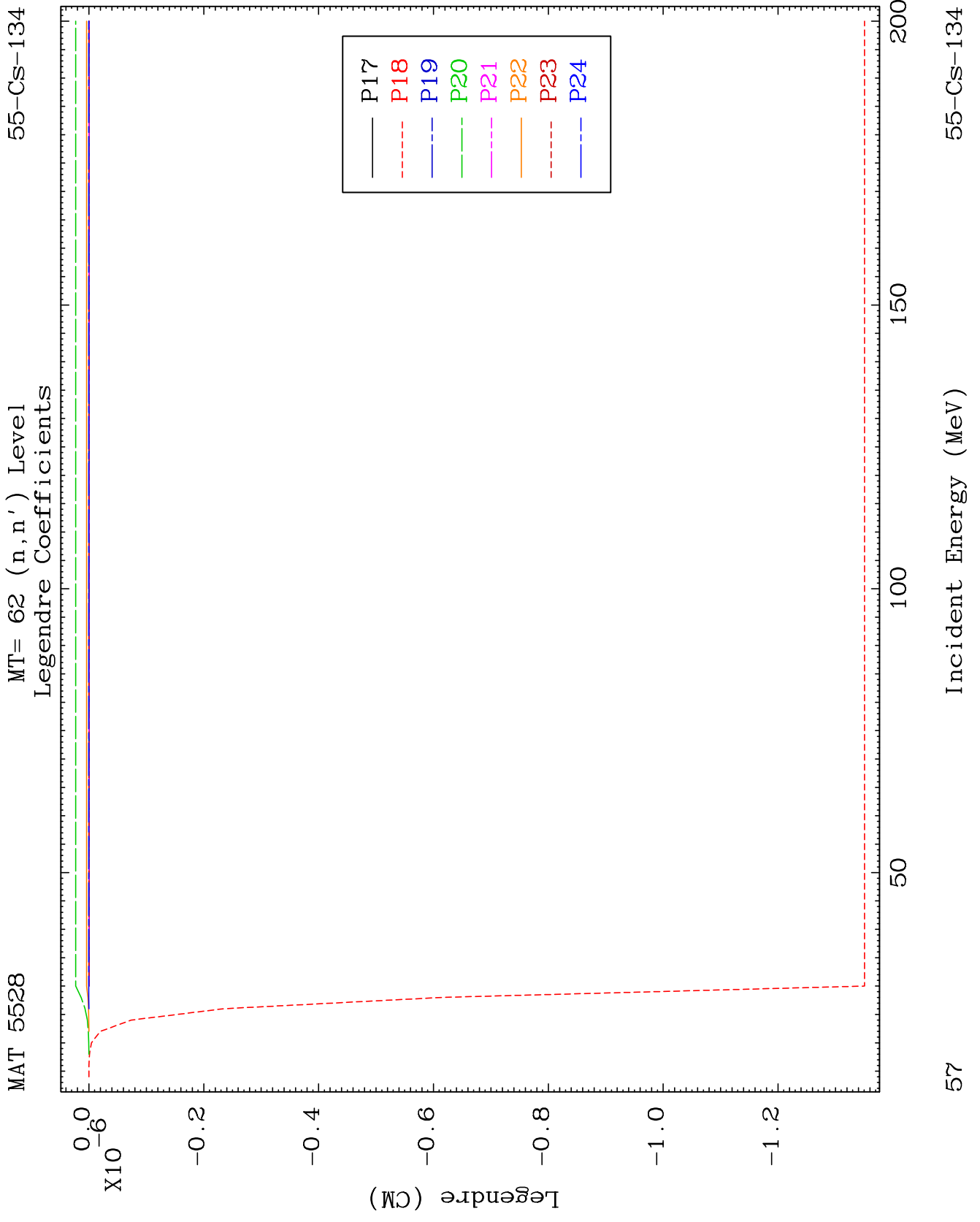
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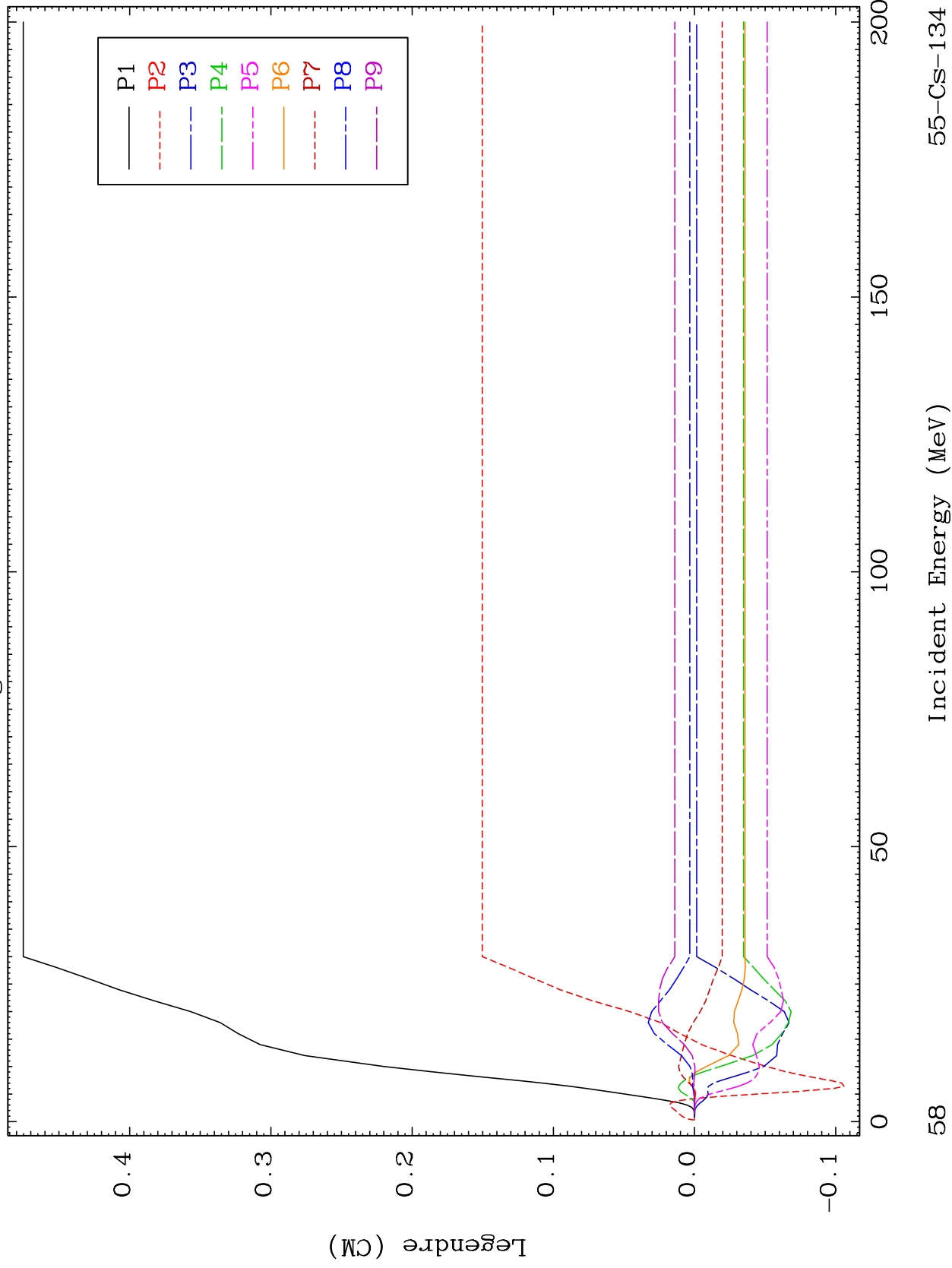




MAT 5528

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

55-Cs-134



55-Cs-134

Incident Energy (MeV)

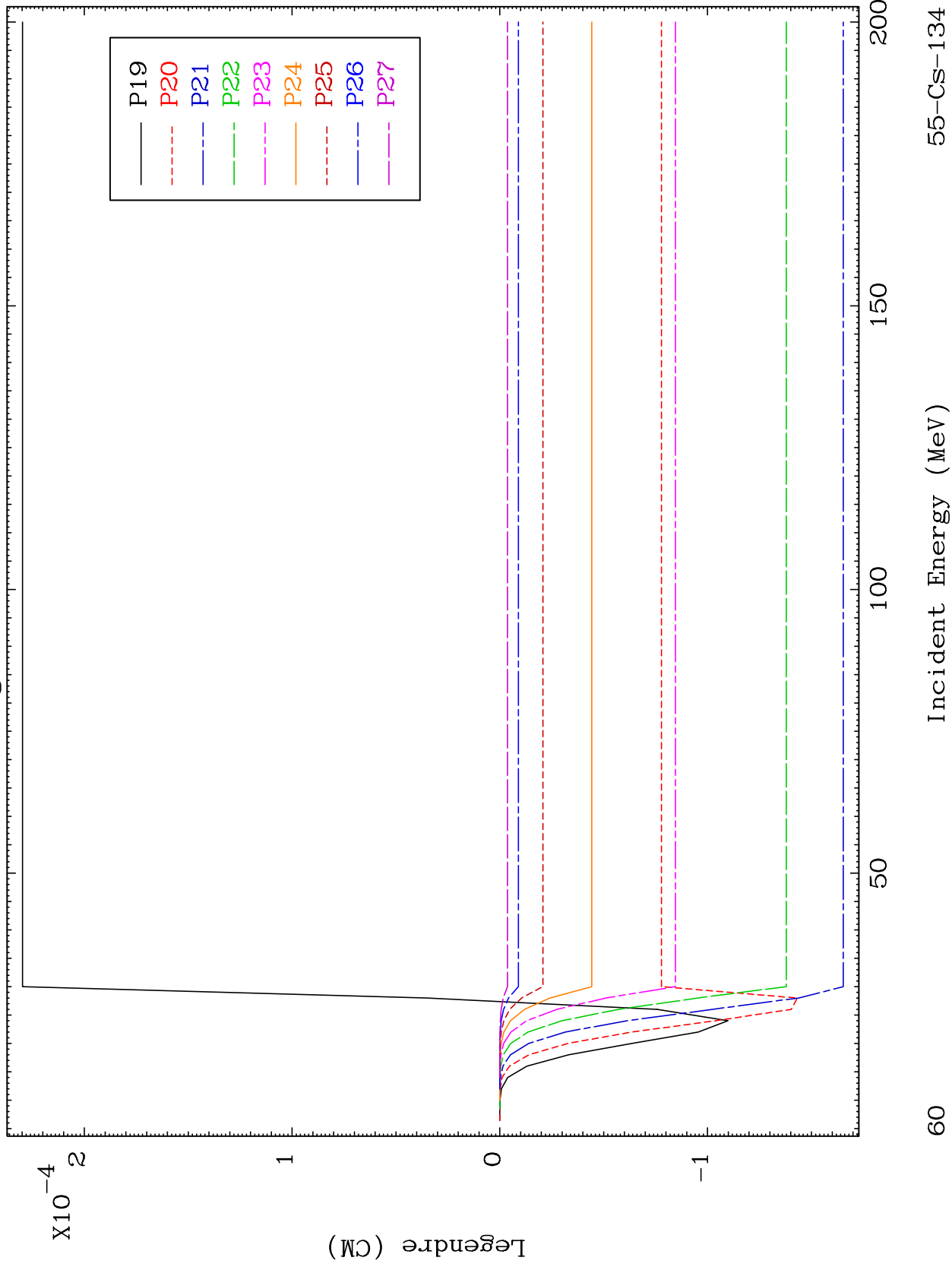
58



MAT 5528

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

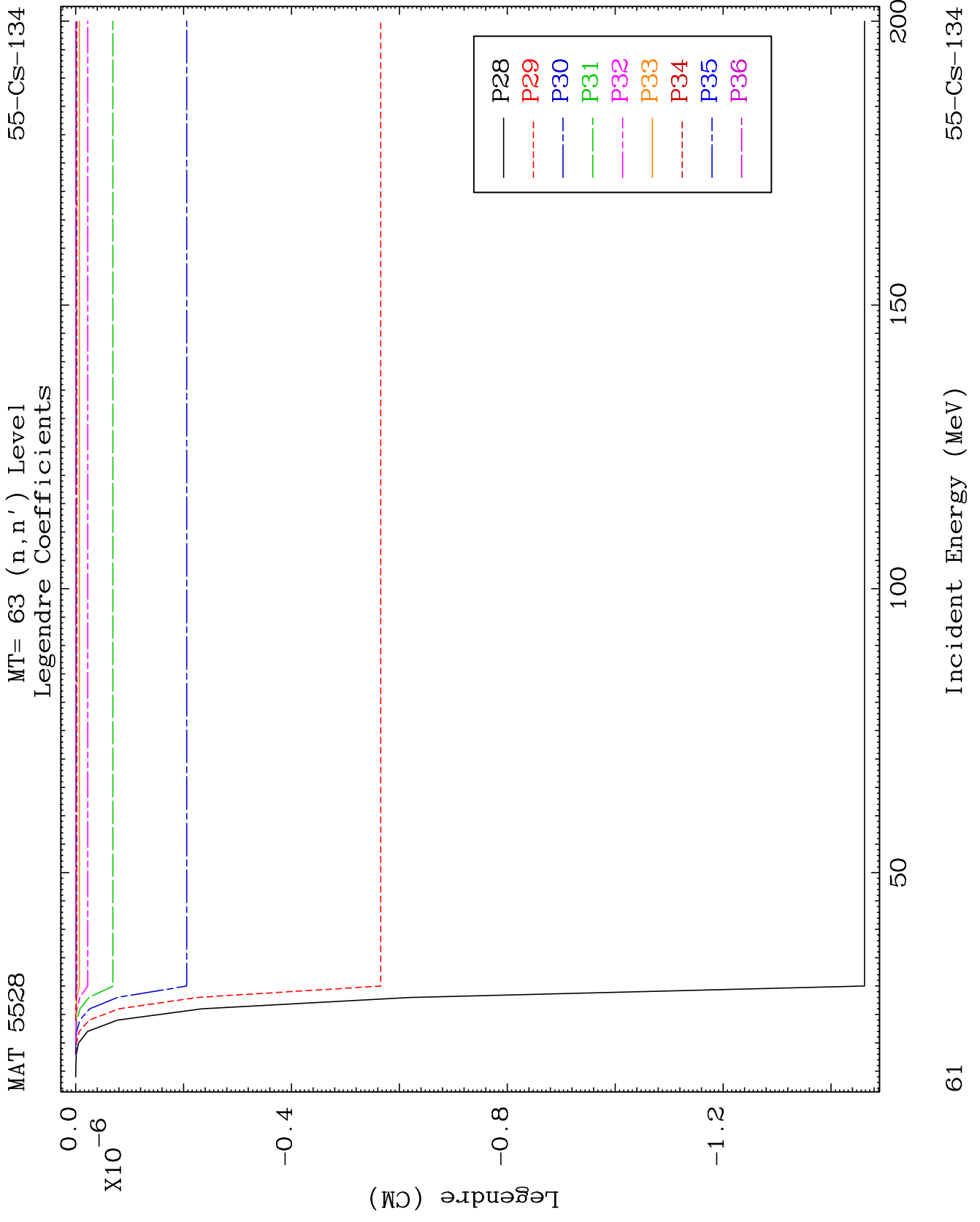
55-Cs-134



60

Incident Energy (MeV)

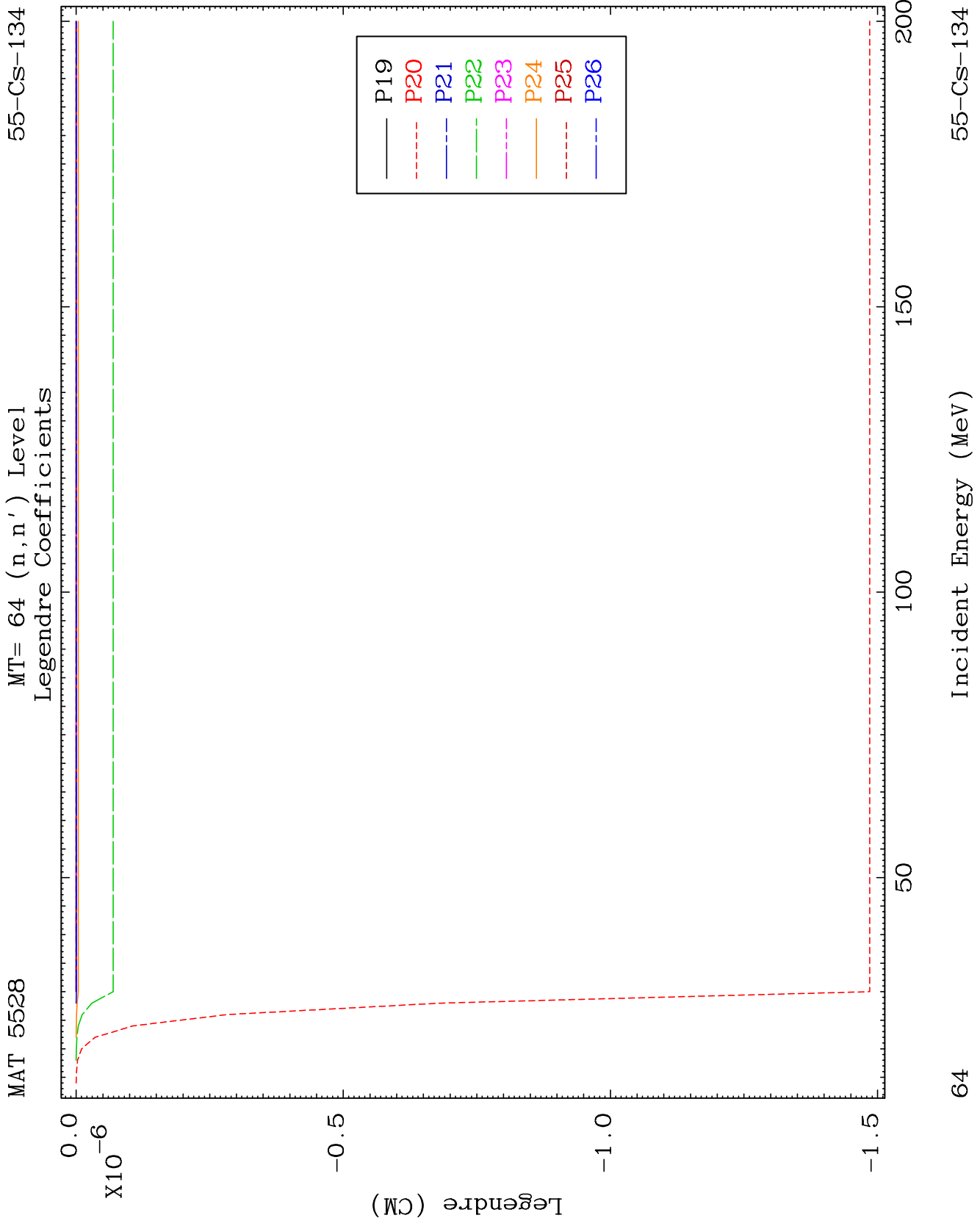
55-Cs-134

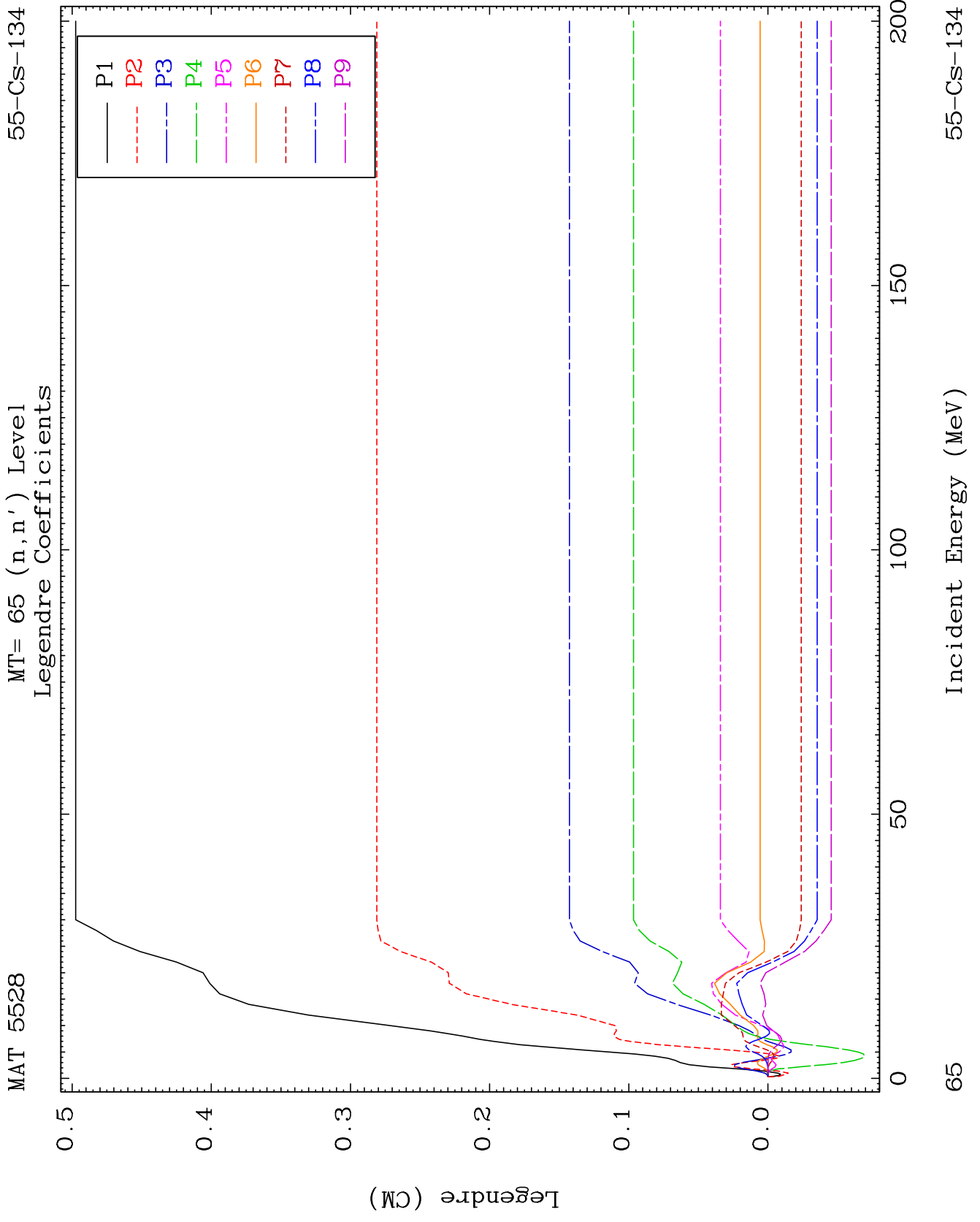








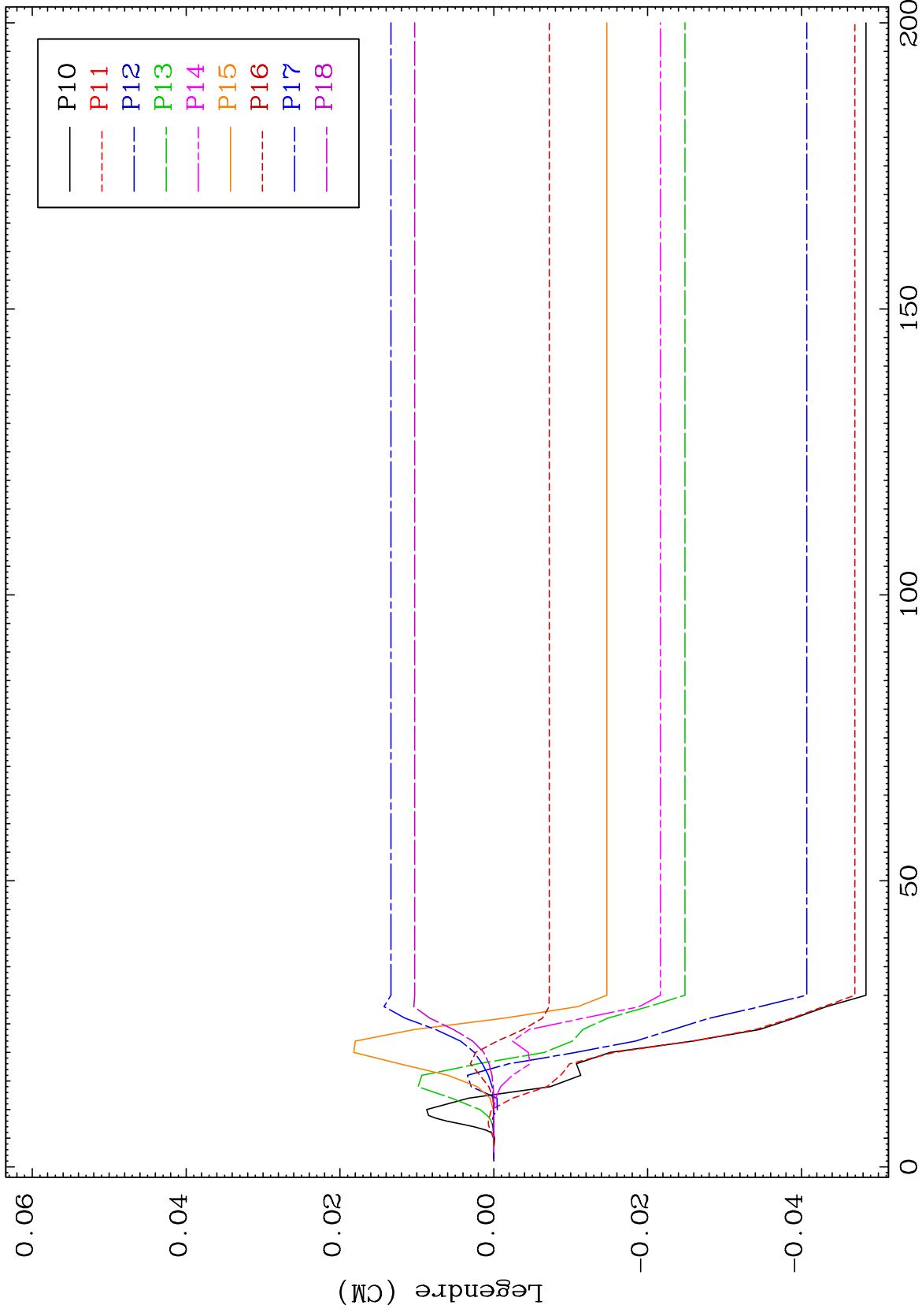




MAT 5528

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

55-Cs-134



66

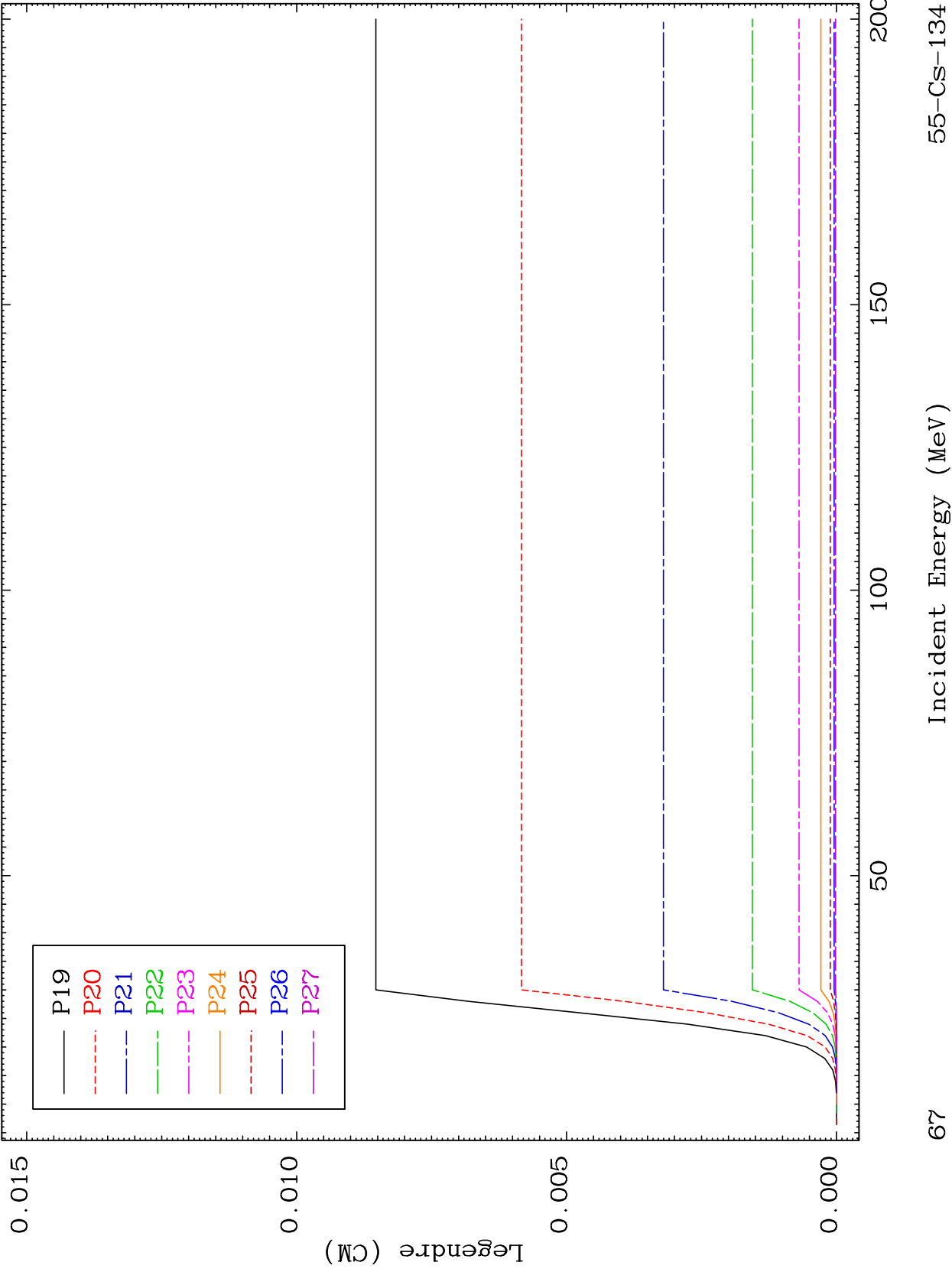
Incident Energy (MeV)

55-Cs-134

MAT 5528

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

55-Cs-134



67

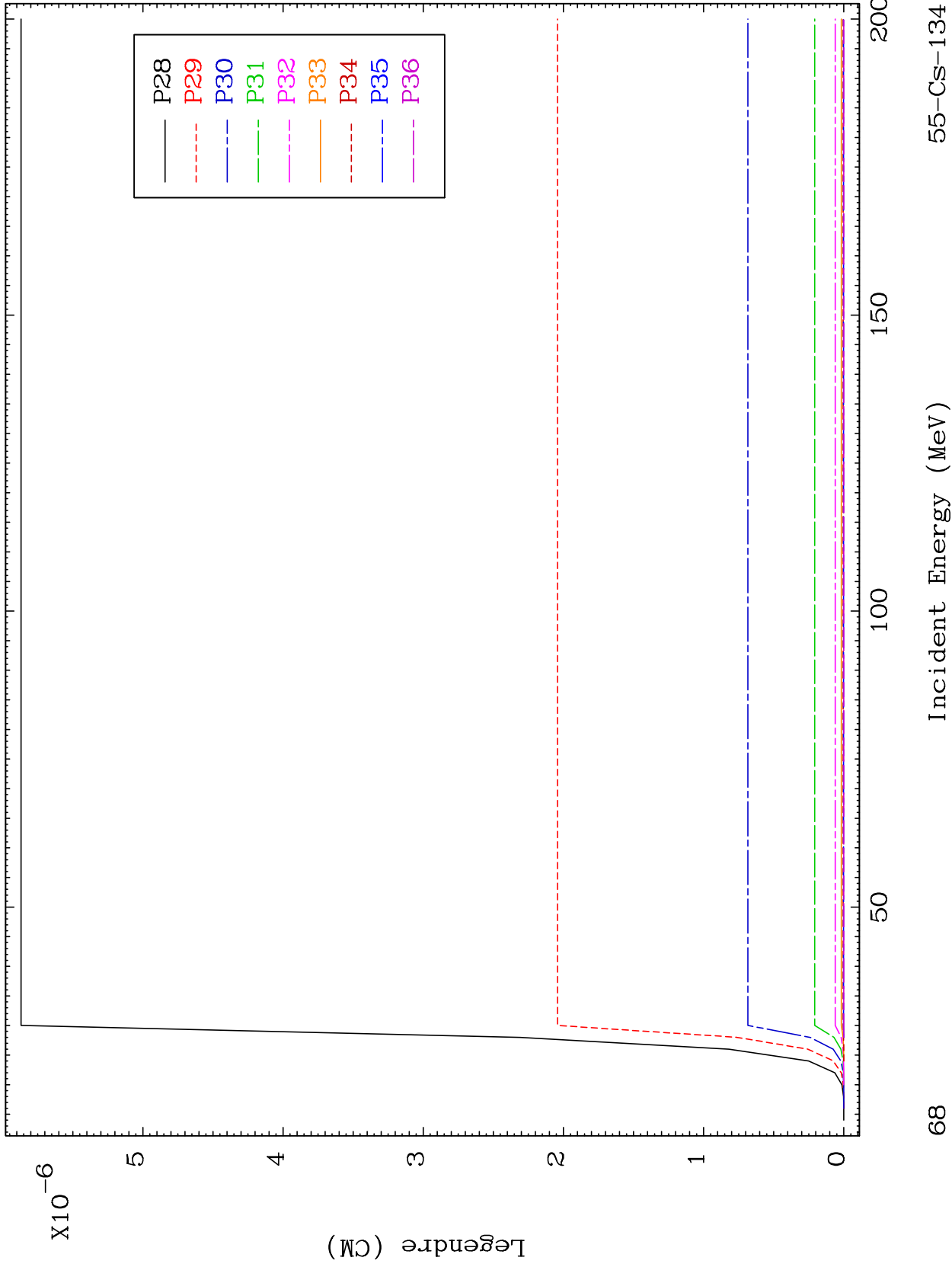
Incident Energy (MeV)

55-Cs-134

MAT 5528

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

55-Cs-134



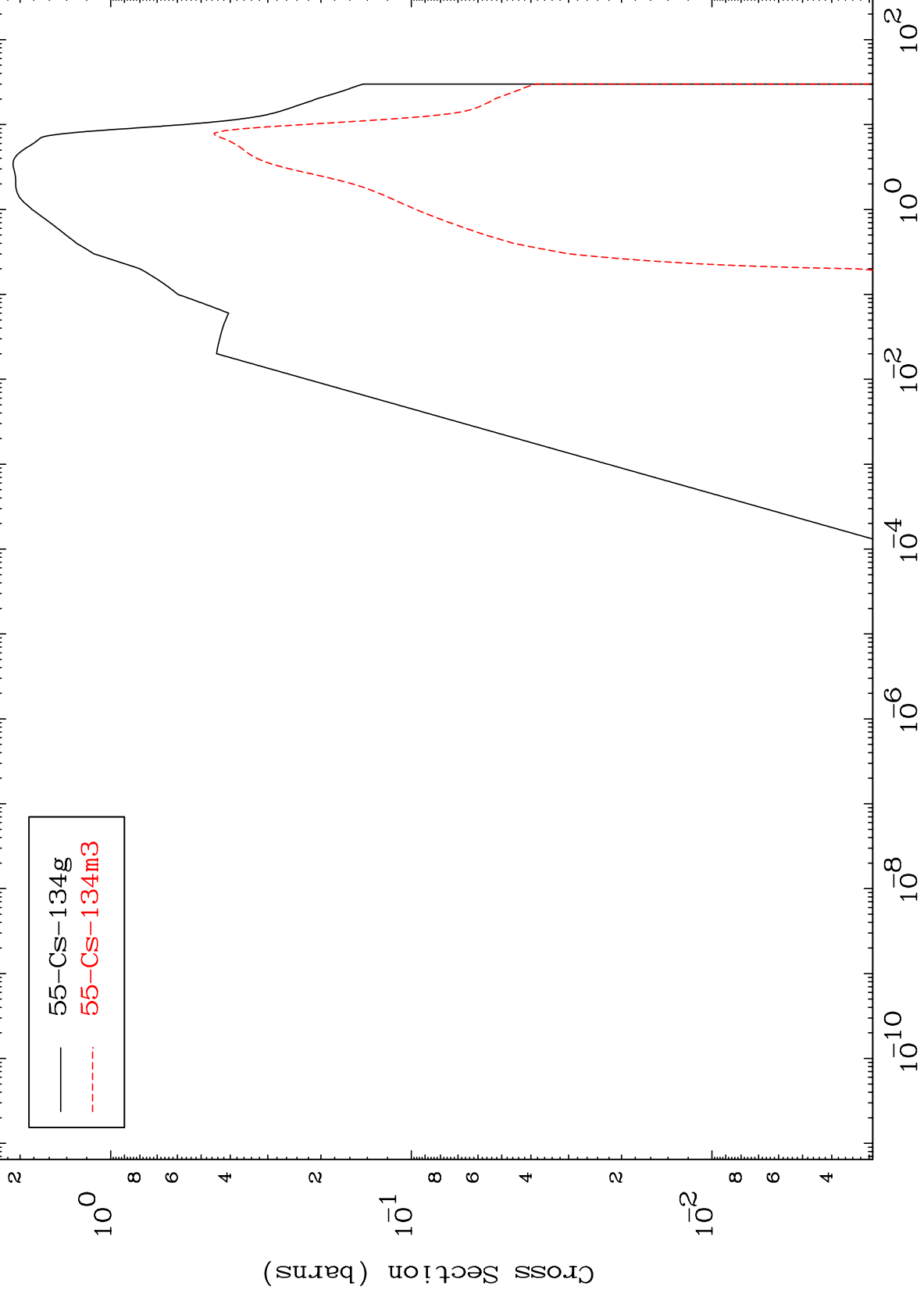
68

55-Cs-134

MAT 5528

Inelastic  
Radionuclide Production Cross Section

55-Cs-134



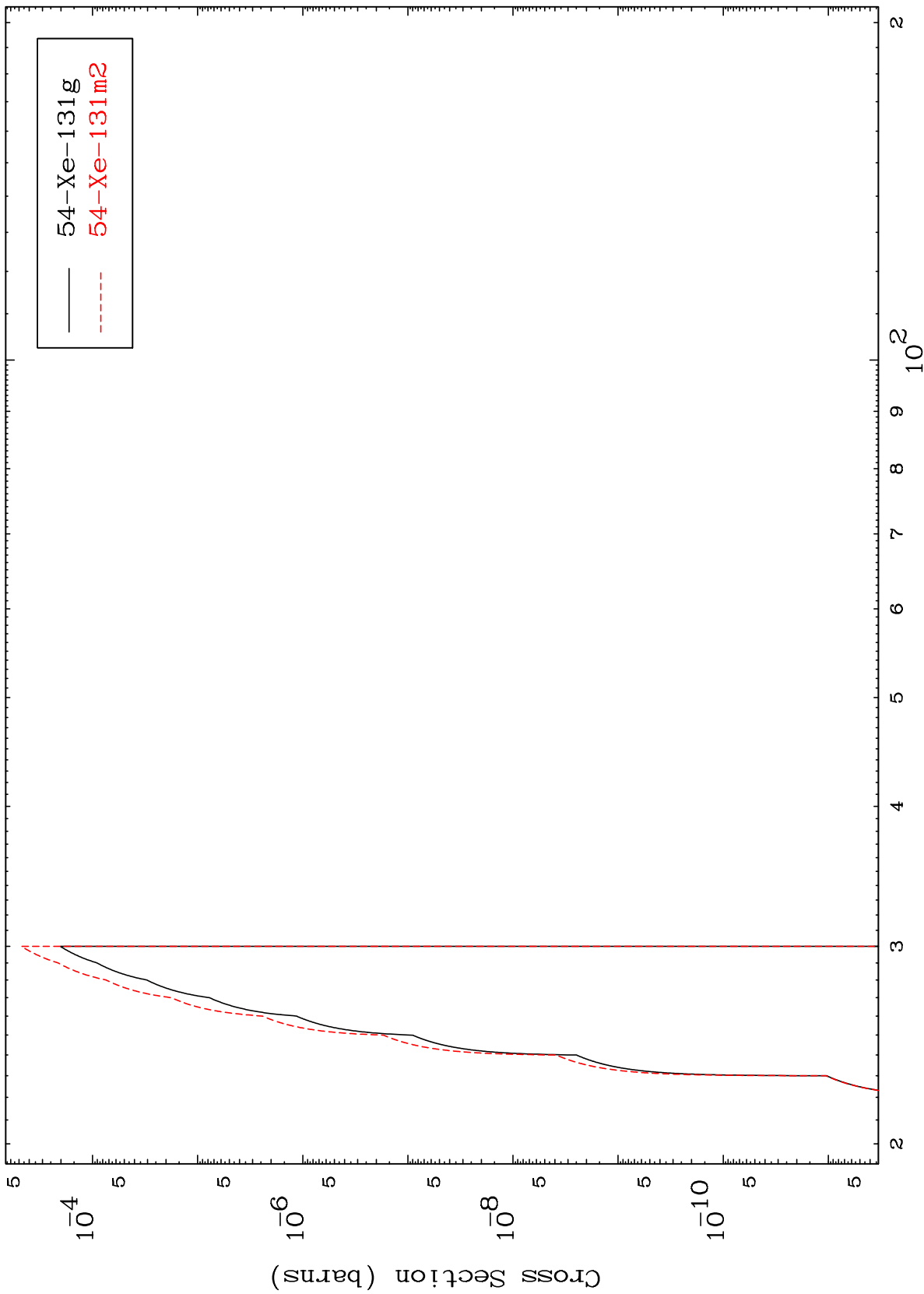
55-Cs-134g  
55-Cs-134m3

MAT 5528

(n,2n) d

55-Cs-134

Radionuclide Production Cross Section



70

Incident Energy (MeV)

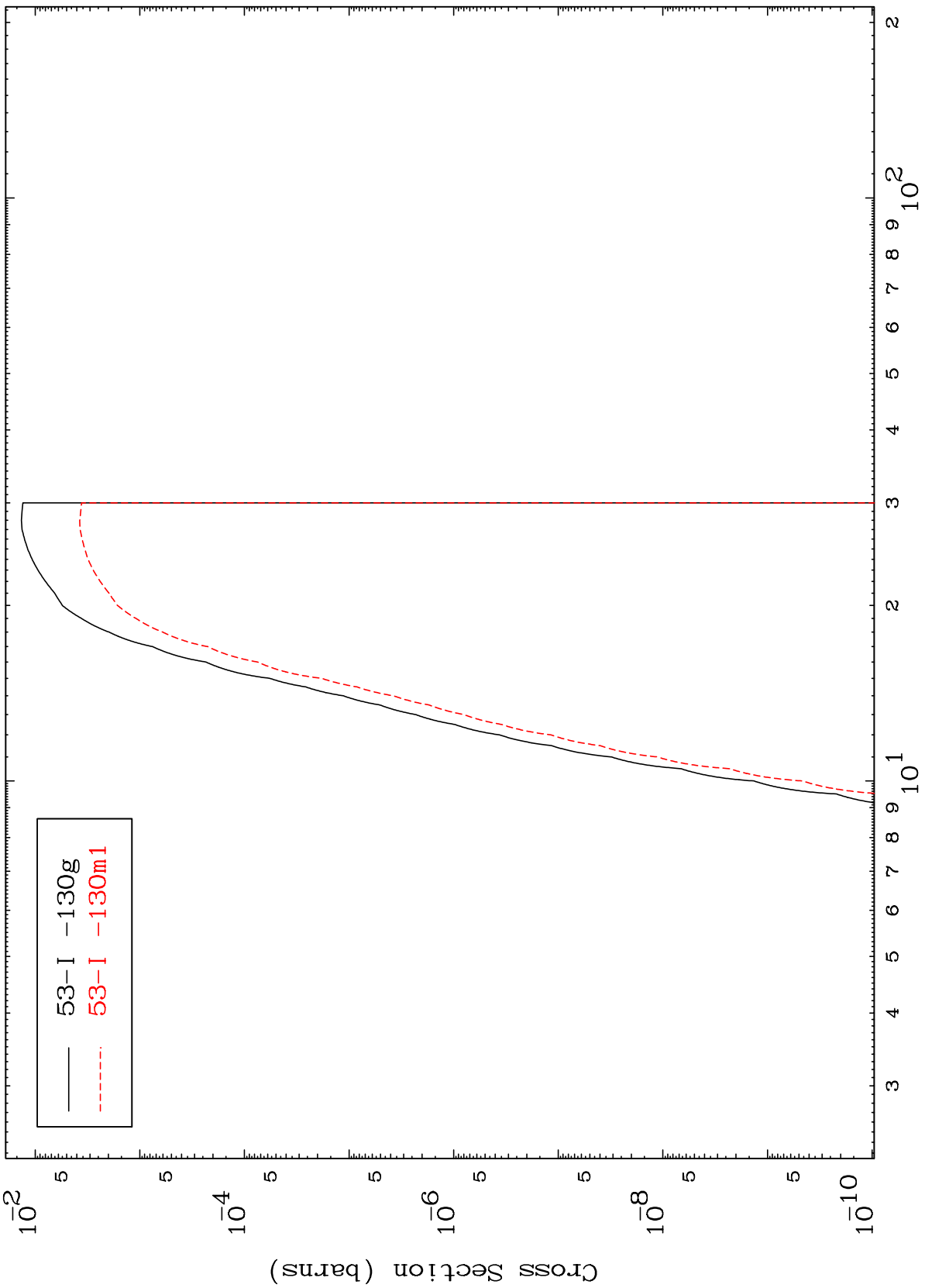
55-Cs-134

MAT 5528

55-Cs-134

(n,n')  $\alpha$

Radionuclide Production Cross Section



71

Incident Energy (MeV)

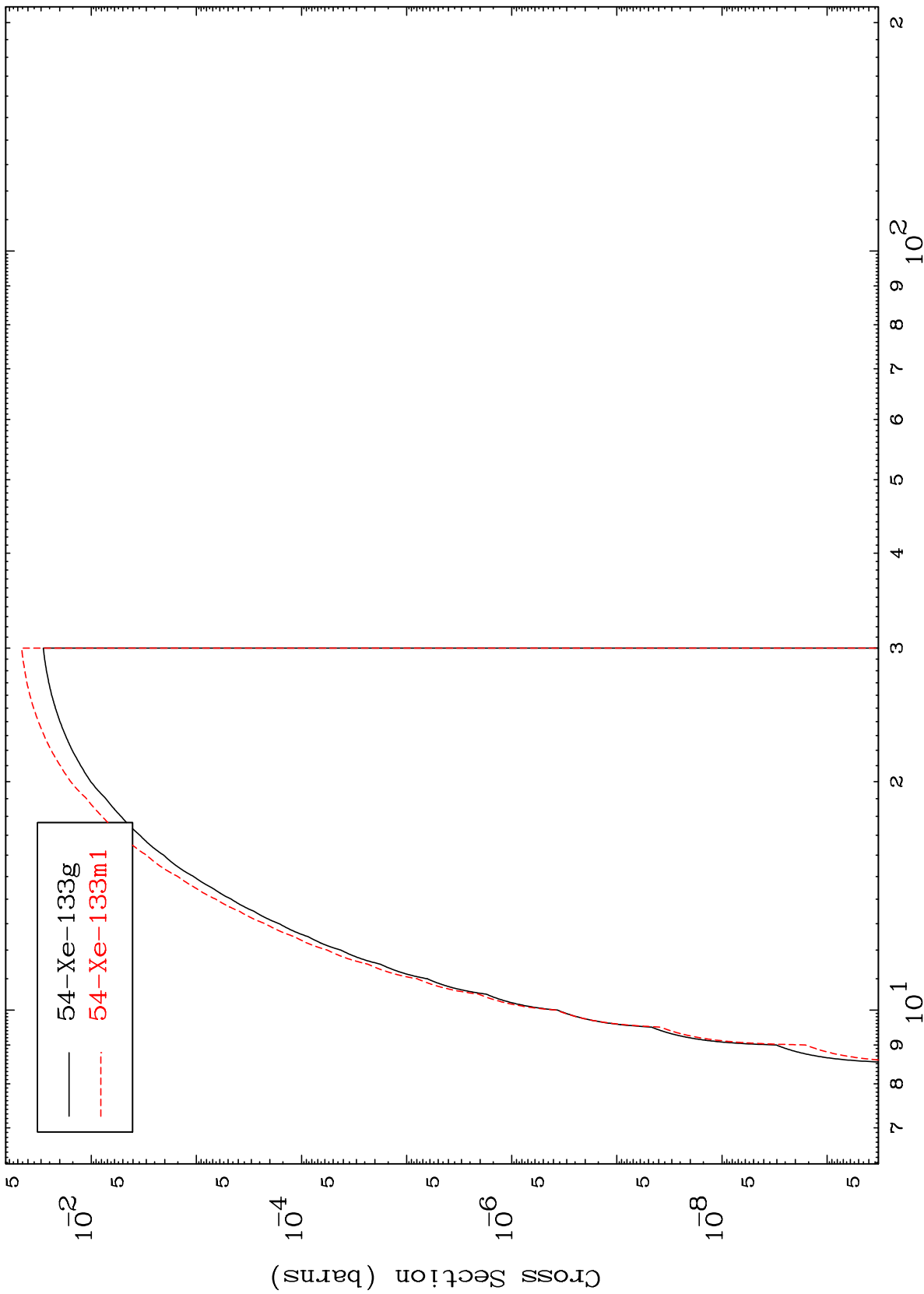
55-Cs-134



MAT 5528

55-Cs-134

(n,n') p  
Radionuclide Production Cross Section



72

Incident Energy (MeV)

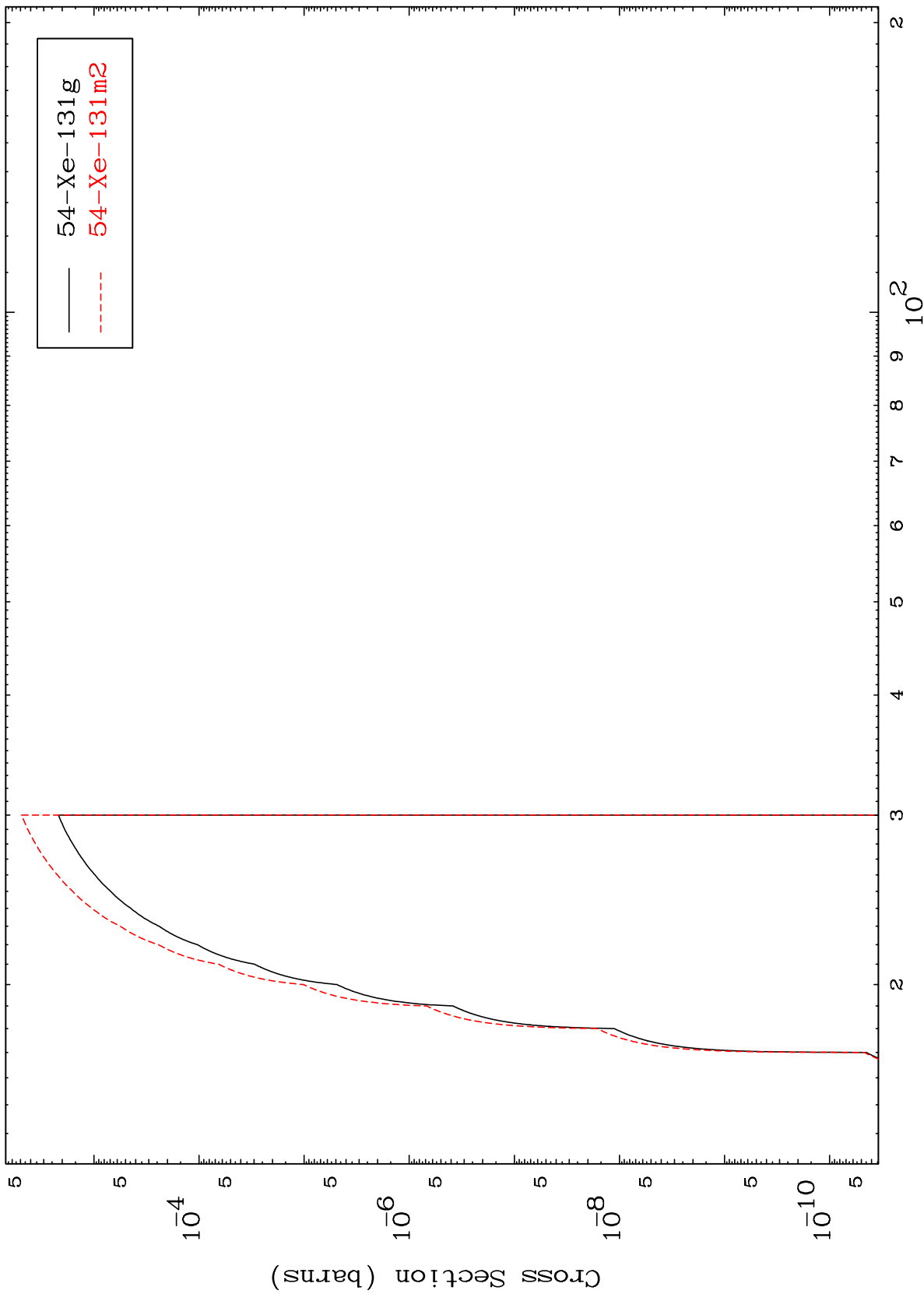
55-Cs-134

MAT 5528

(n,n') t

55-Cs-134

Radionuclide Production Cross Section



73

Incident Energy (MeV)

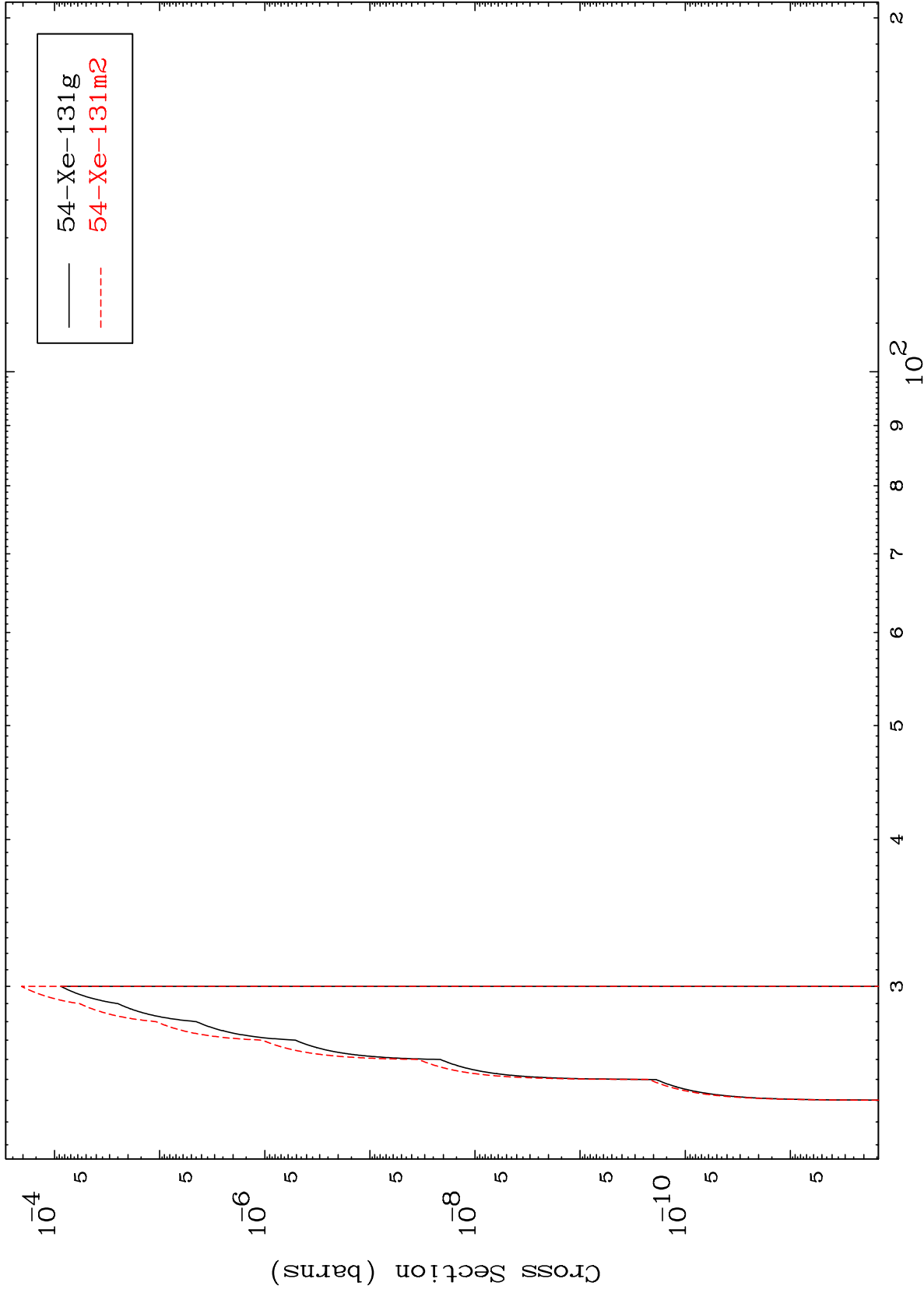
55-Cs-134

MAT 5528

(n,3n) p

55-Cs-134

Radionuclide Production Cross Section



74

Incident Energy (MeV)

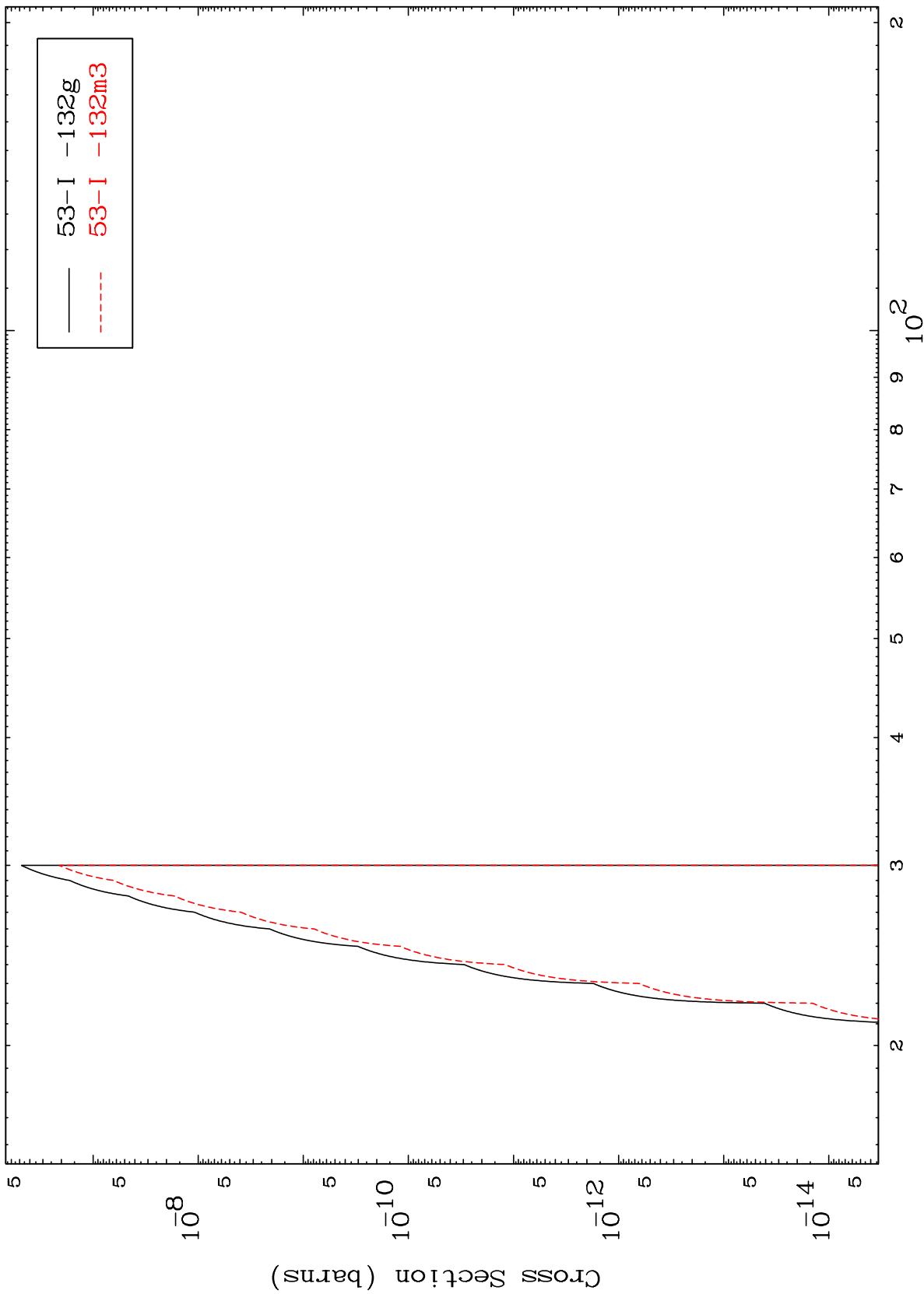
55-Cs-134

MAT 5528

(n,2n) p

55-Cs-134

Radionuclide Production Cross Section



53-I - 132g  
53-I - 132m3

75

Incident Energy (MeV)

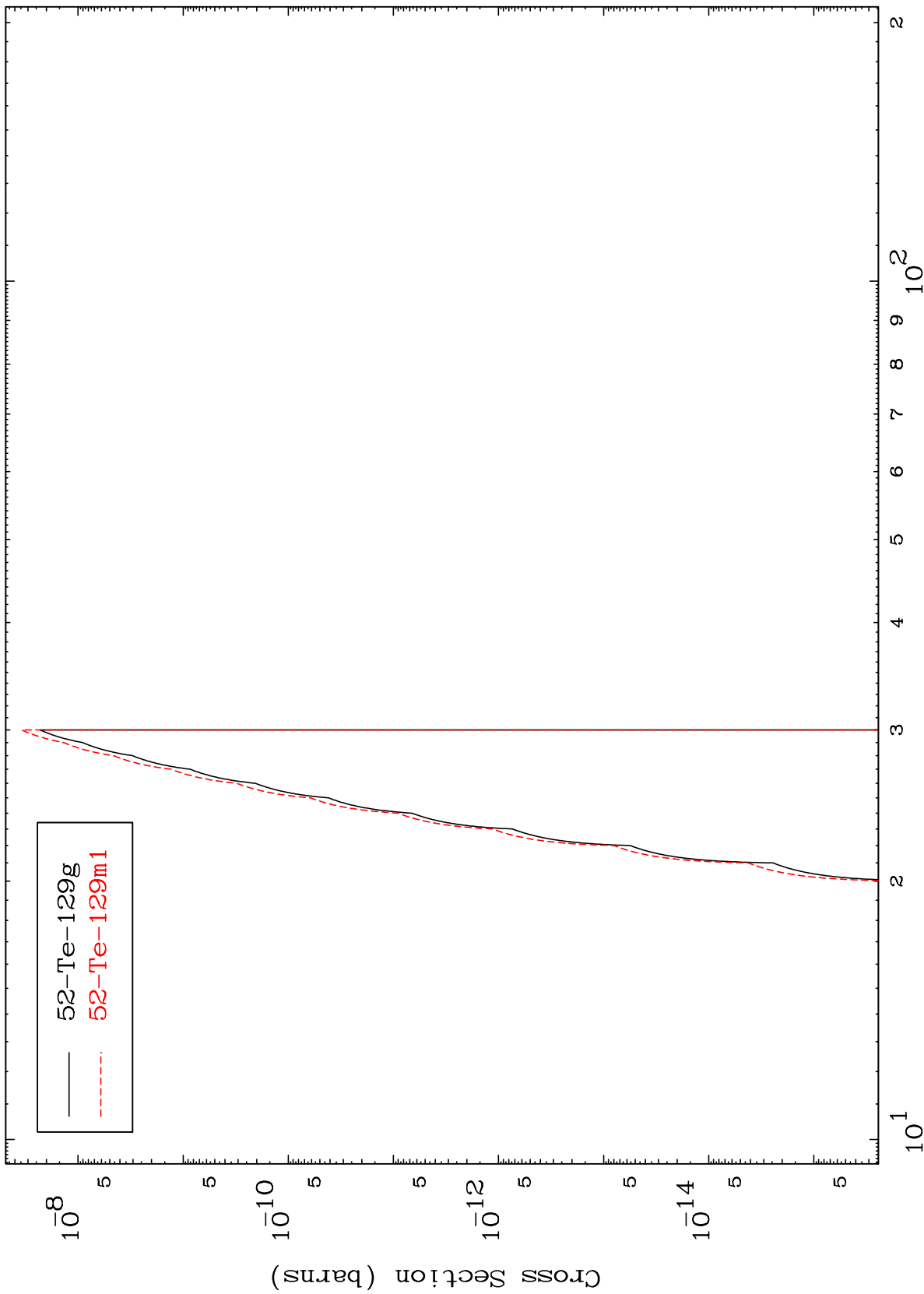
55-Cs-134

MAT 5528

(n,n') p  $\alpha$

55-Cs-134

Radionuclide Production Cross Section



76

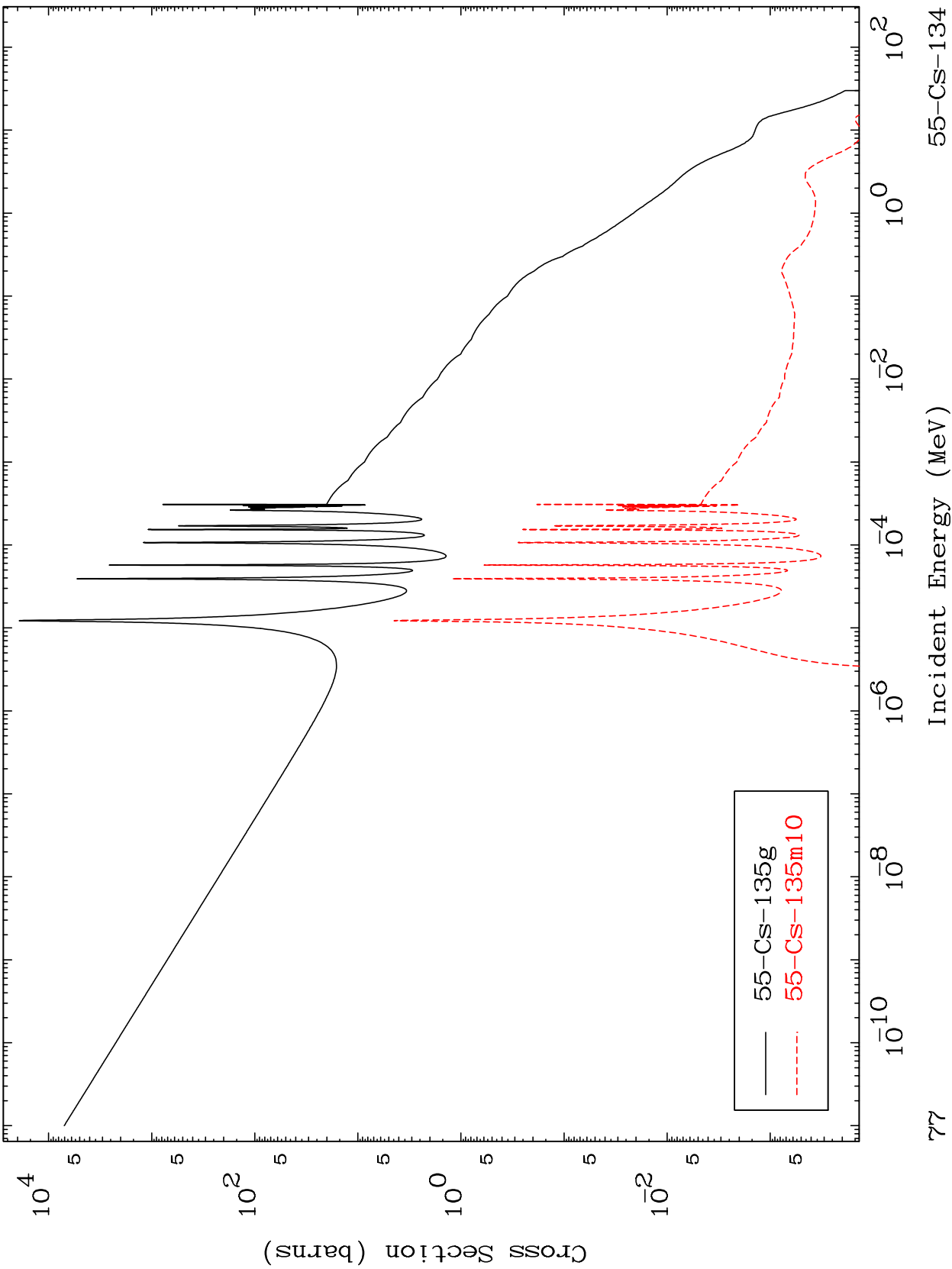
Incident Energy (MeV)

55-Cs-134

MAT 5528

55-Cs-134

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

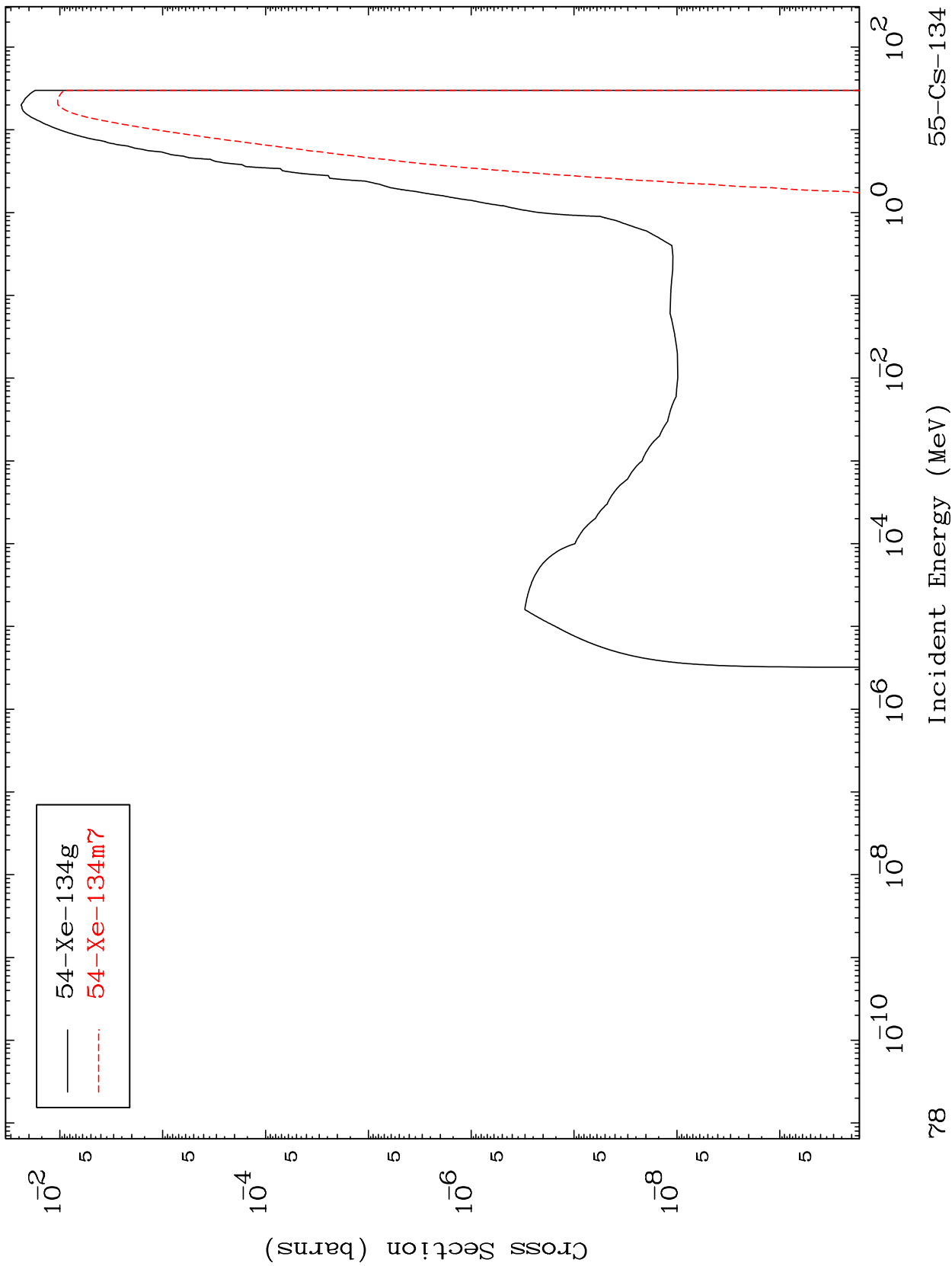


MAT 5528

(n,p)

55-Cs-134

Radionuclide Production Cross Section



54-Xe-134g  
54-Xe-134m7

78

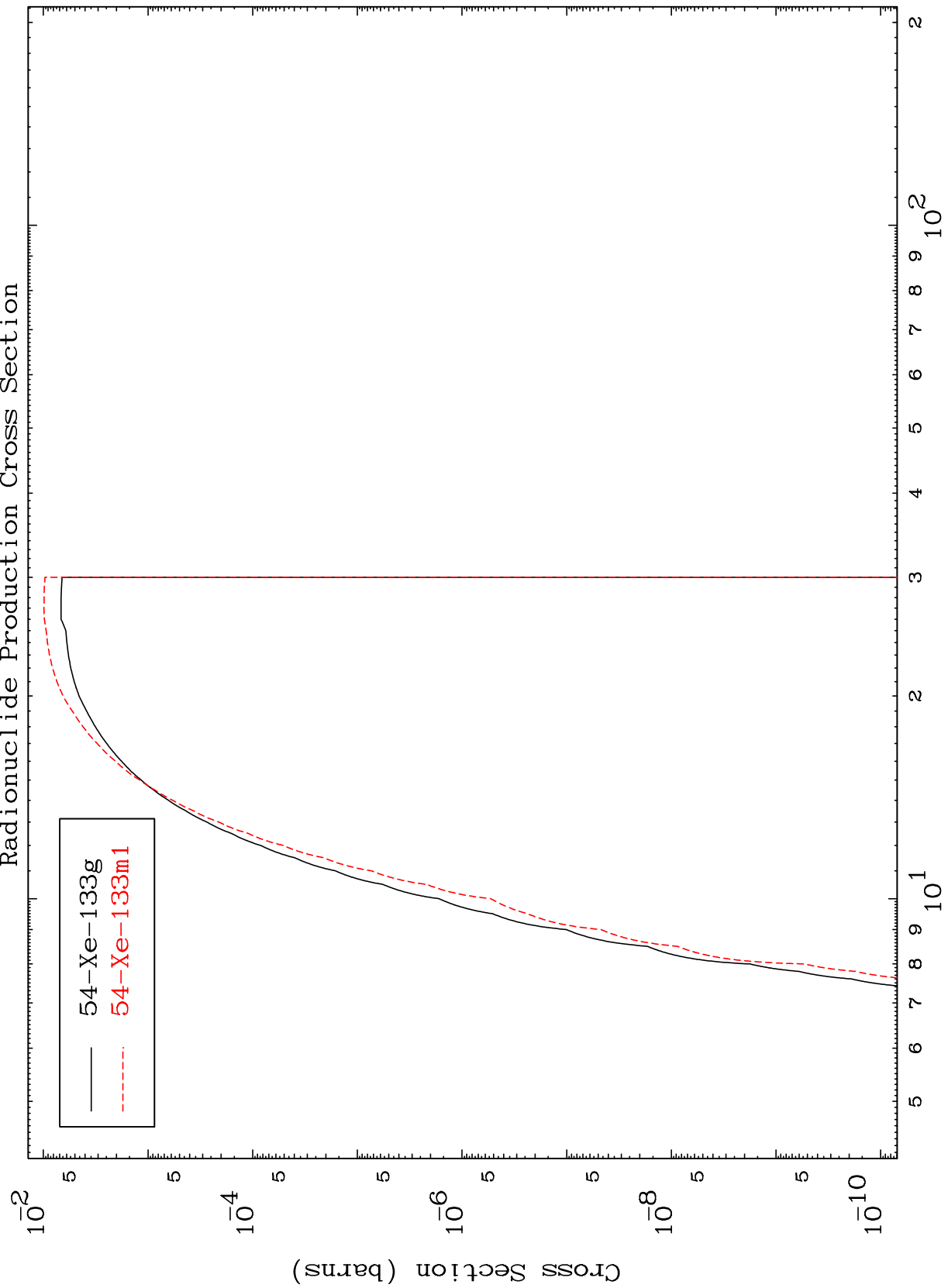
Incident Energy (MeV)

55-Cs-134

MAT 5528

55-Cs-134

(n,d)  
Radionuclide Production Cross Section



79

Incident Energy (MeV)

55-Cs-134

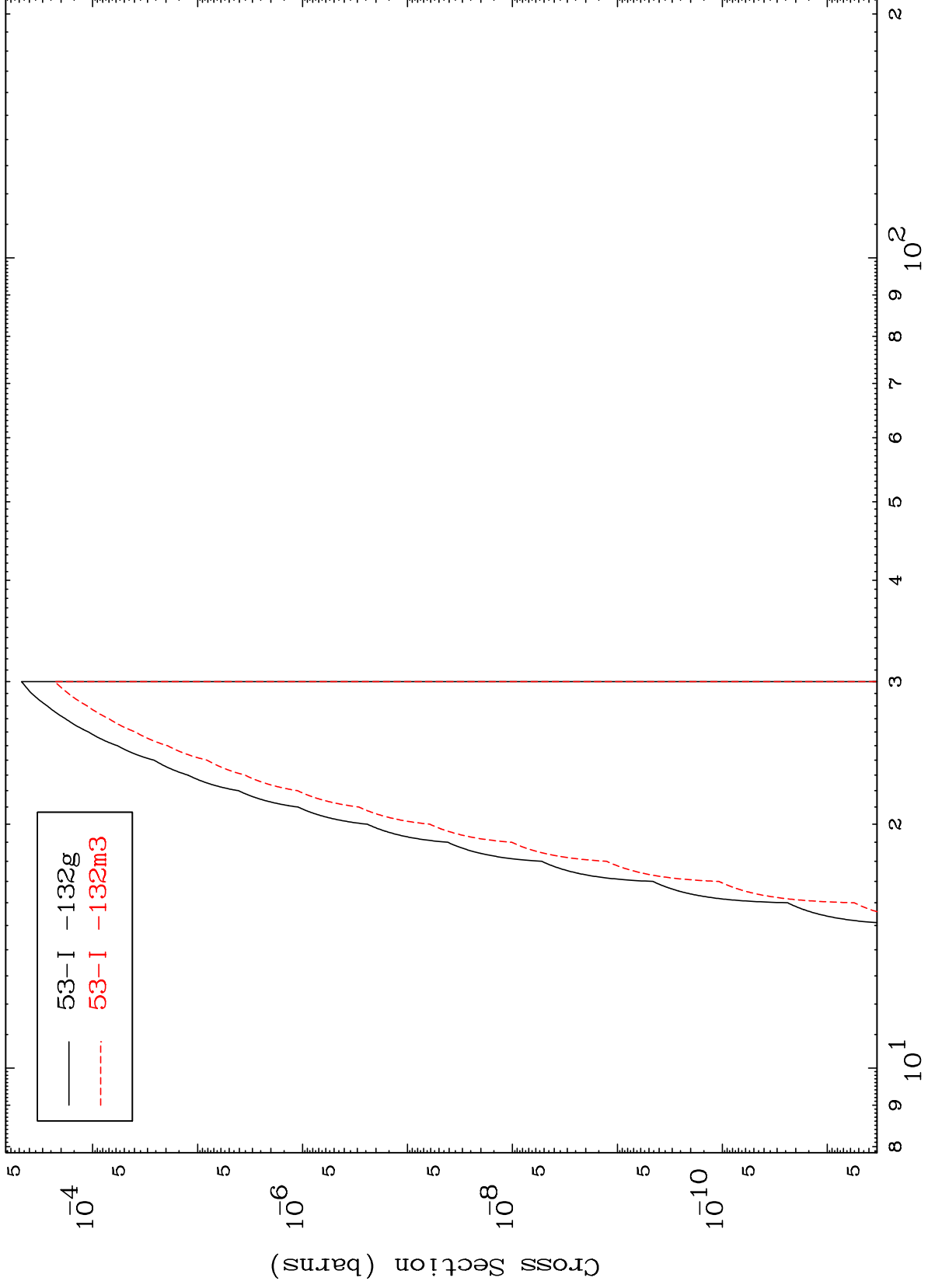


MAT 5528

(n,He-3)

55-Cs-134

Radionuclide Production Cross Section



53-I-132g  
53-I-132m3

Incident Energy (MeV)

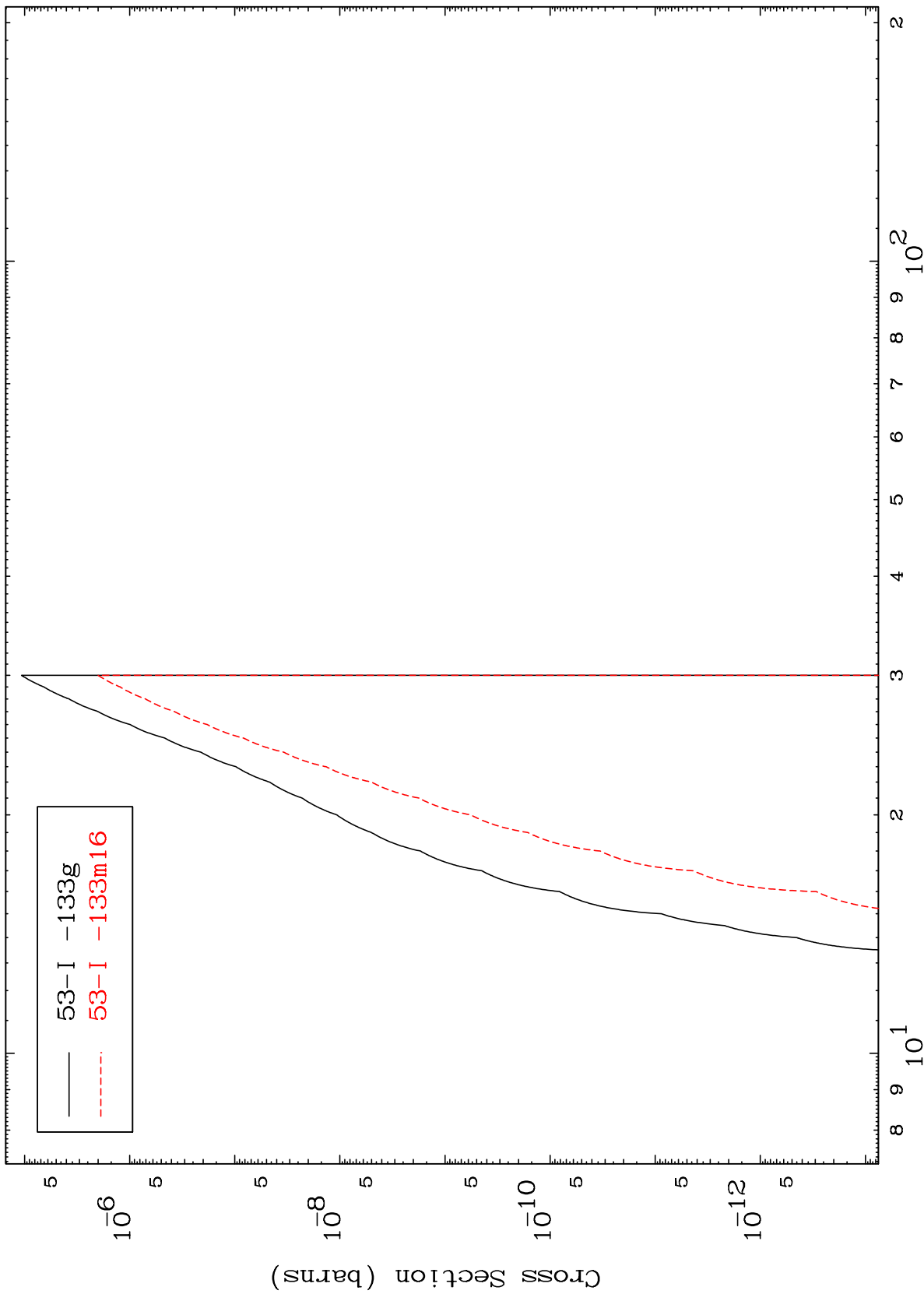
55-Cs-134

80

MAT 5528

55-Cs-134

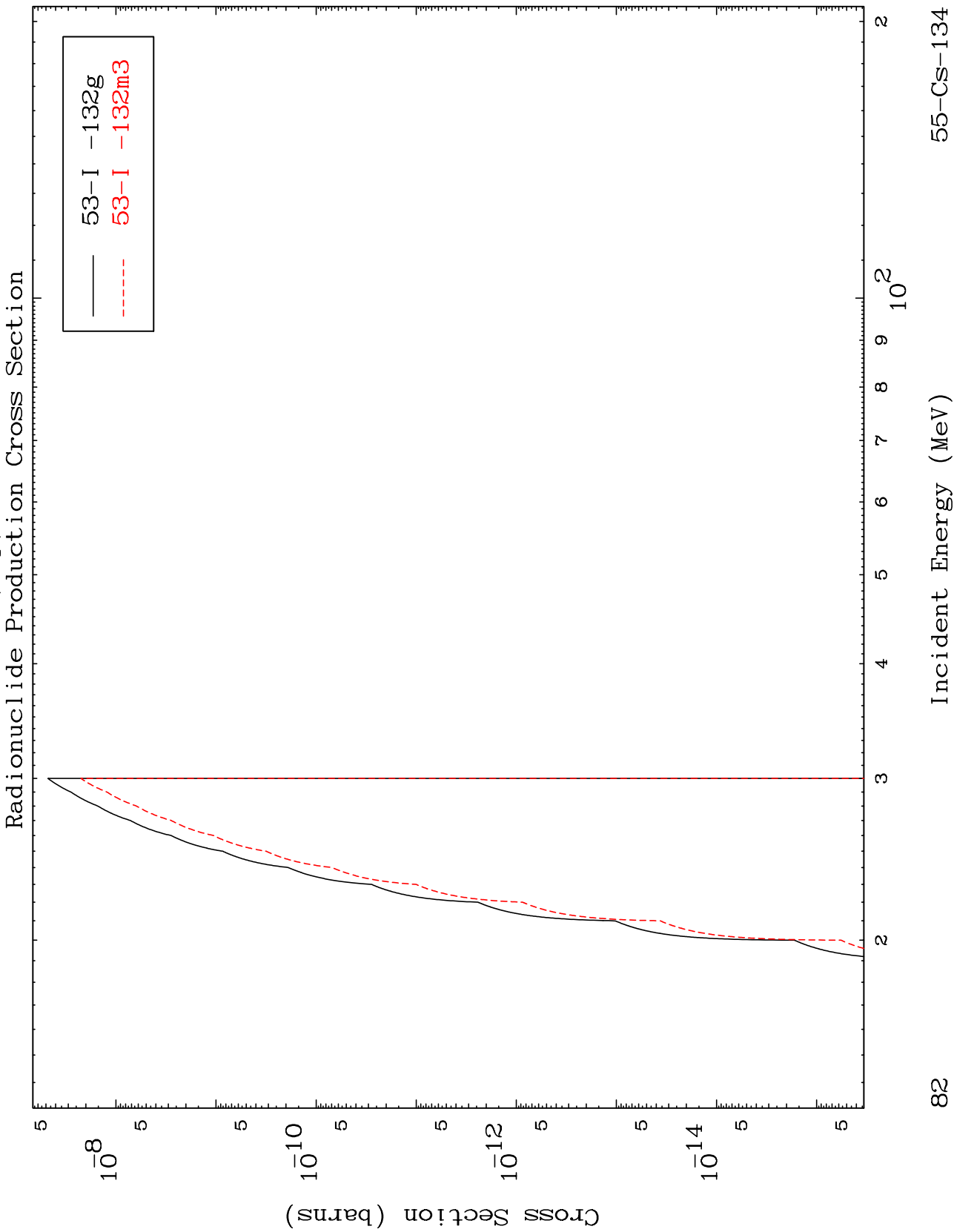
(n,2p)  
Radionuclide Production Cross Section



MAT 5528

(n,p) d

55-Cs-134



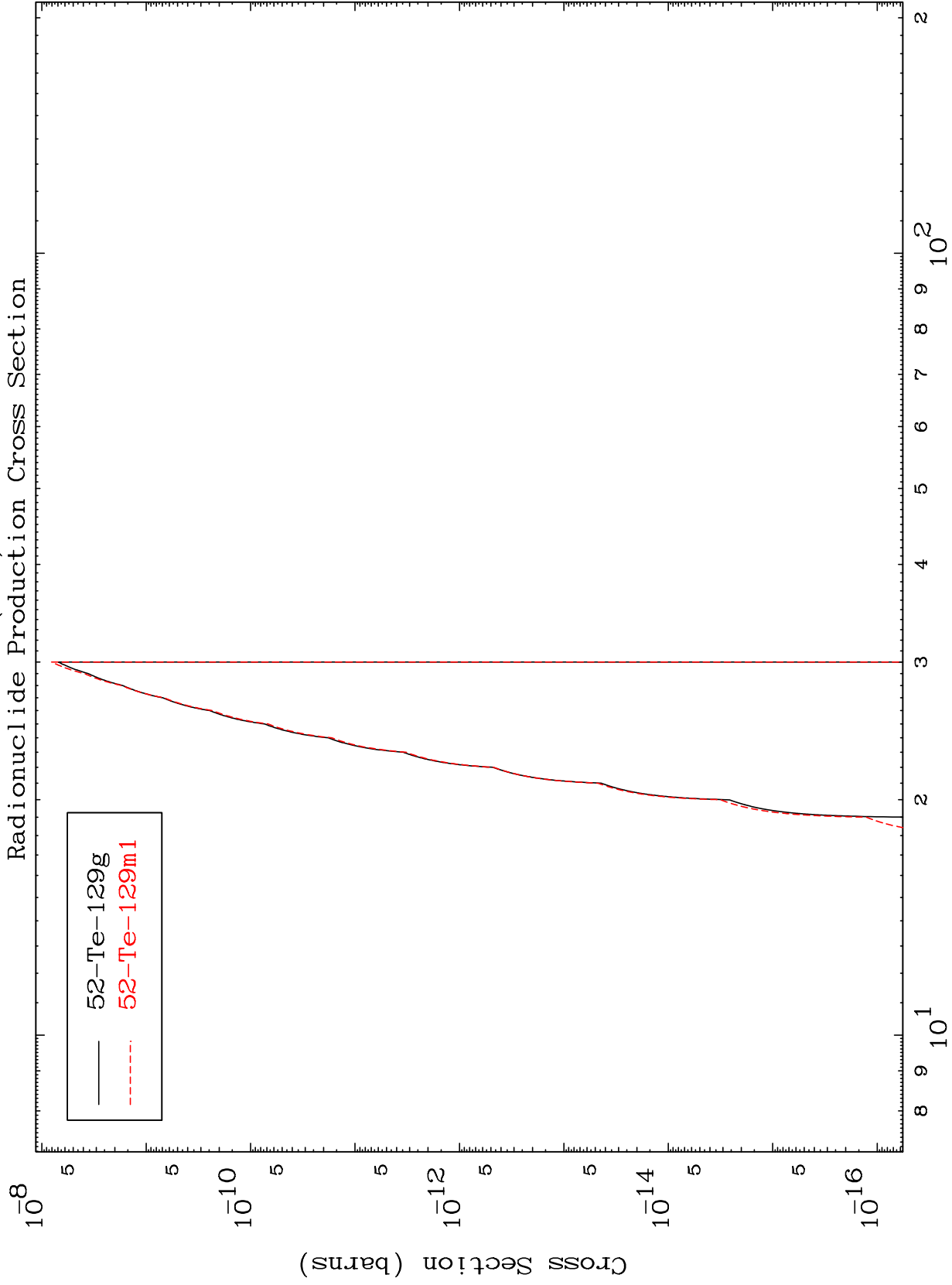
82

55-Cs-134

MAT 5528

(n,d)  $\alpha$

55-Cs-134



83

Incident Energy (MeV)

55-Cs-134