

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

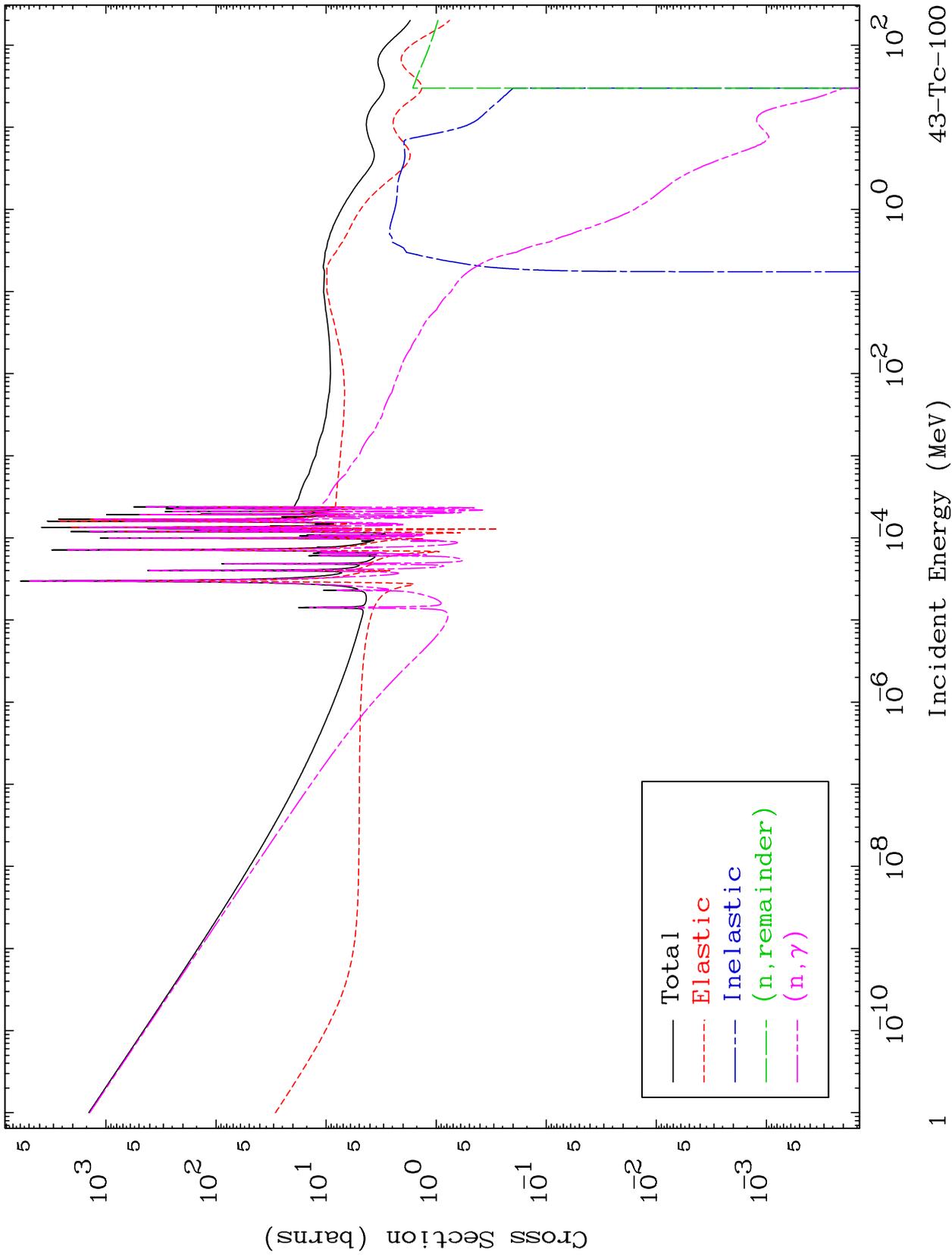
Press Mouse Button to Start

MAT 4328

Major

293 Kelvin Cross Sections

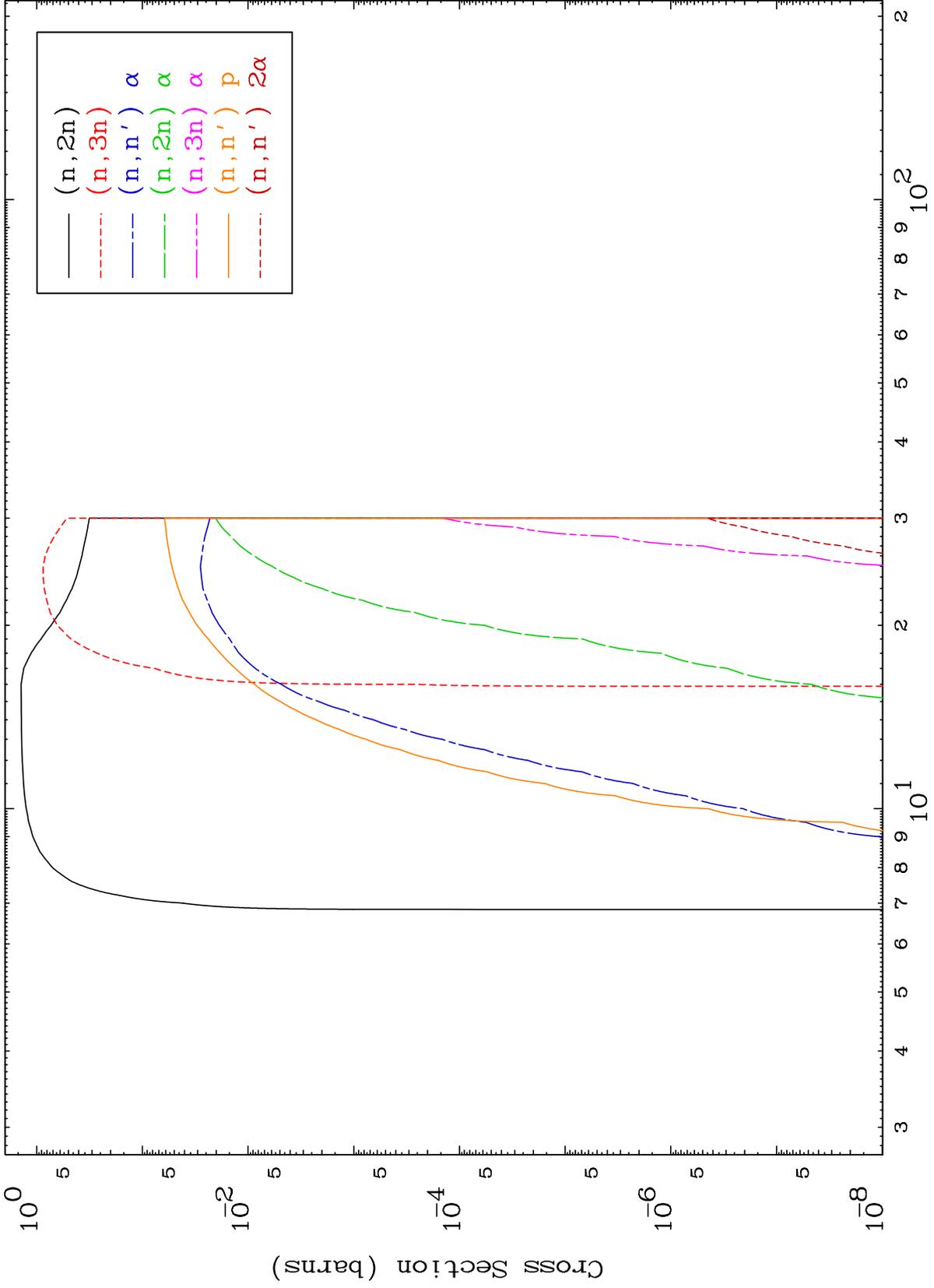
43-Tc-100



MAT 4328

Neutron Production  
293 Kelvin Cross Sections

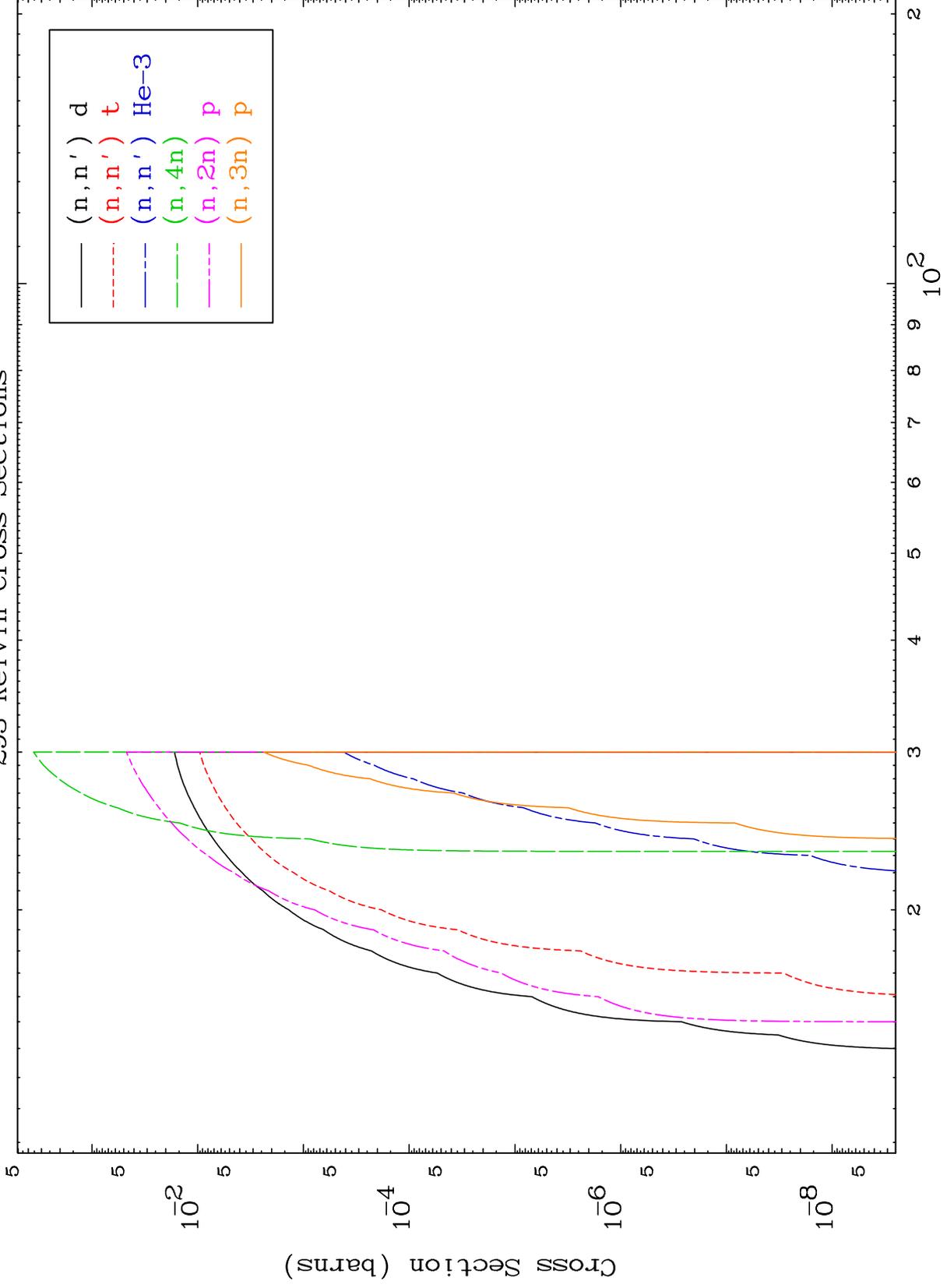
43-Tc-100



2

Incident Energy (MeV)

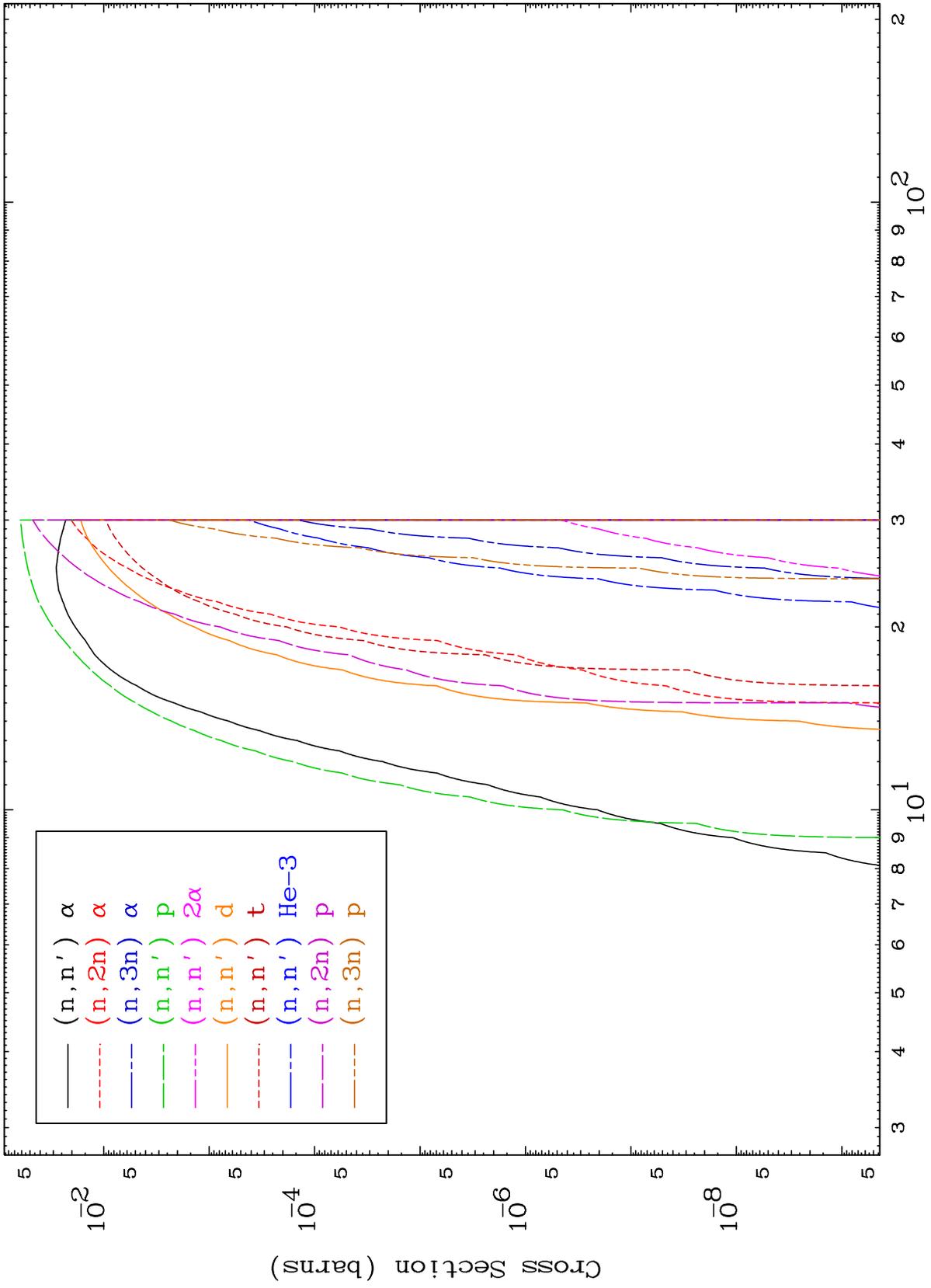
43-Tc-100



MAT 4328

Charged Particle  
293 Kelvin Cross Sections

43-Tc-100



4

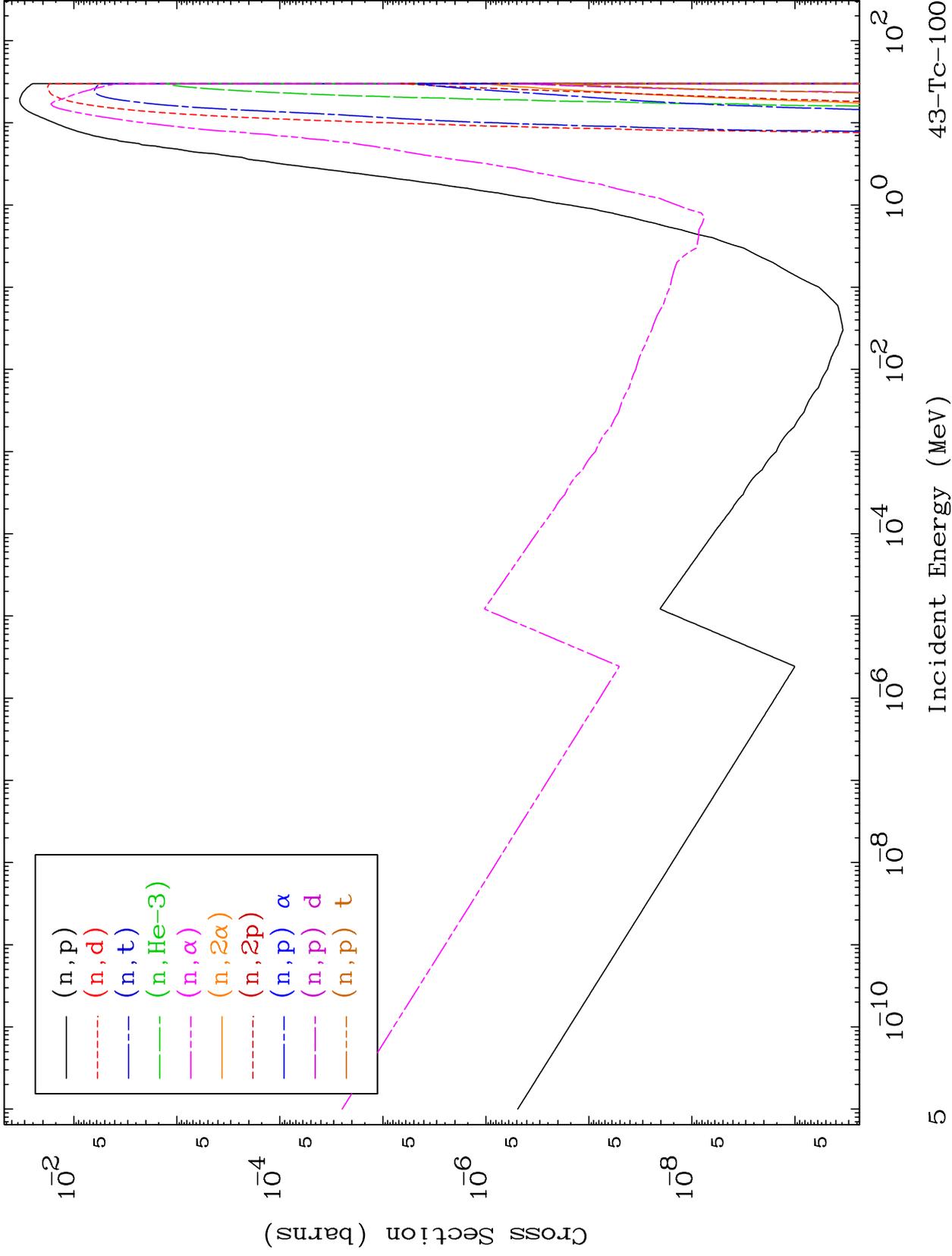
Incident Energy (MeV)

43-Tc-100

MAT 4328

Charged Particle  
293 Kelvin Cross Sections

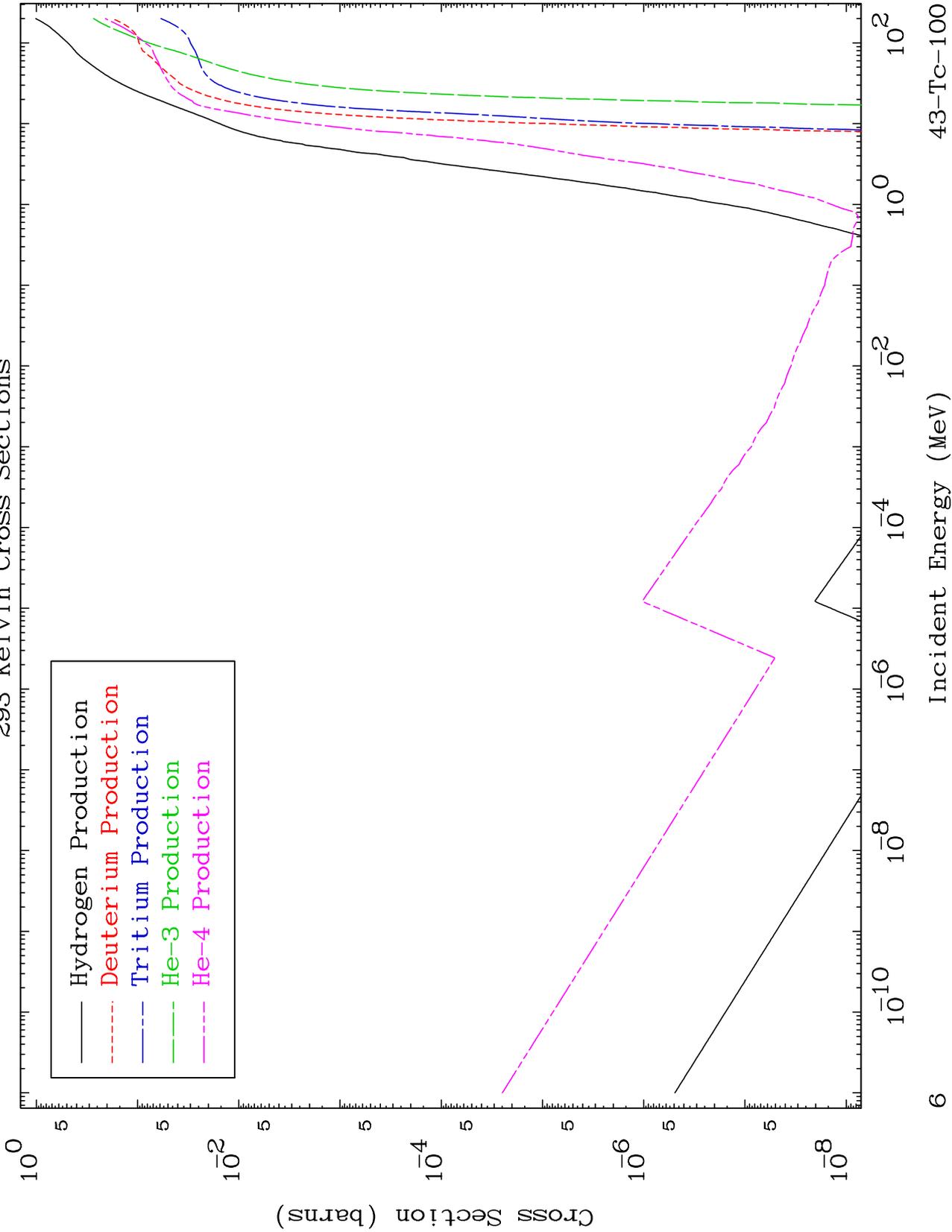
43-Tc-100



MAT 4328

Particle Production  
293 Kelvin Cross Sections

43-Tc-100

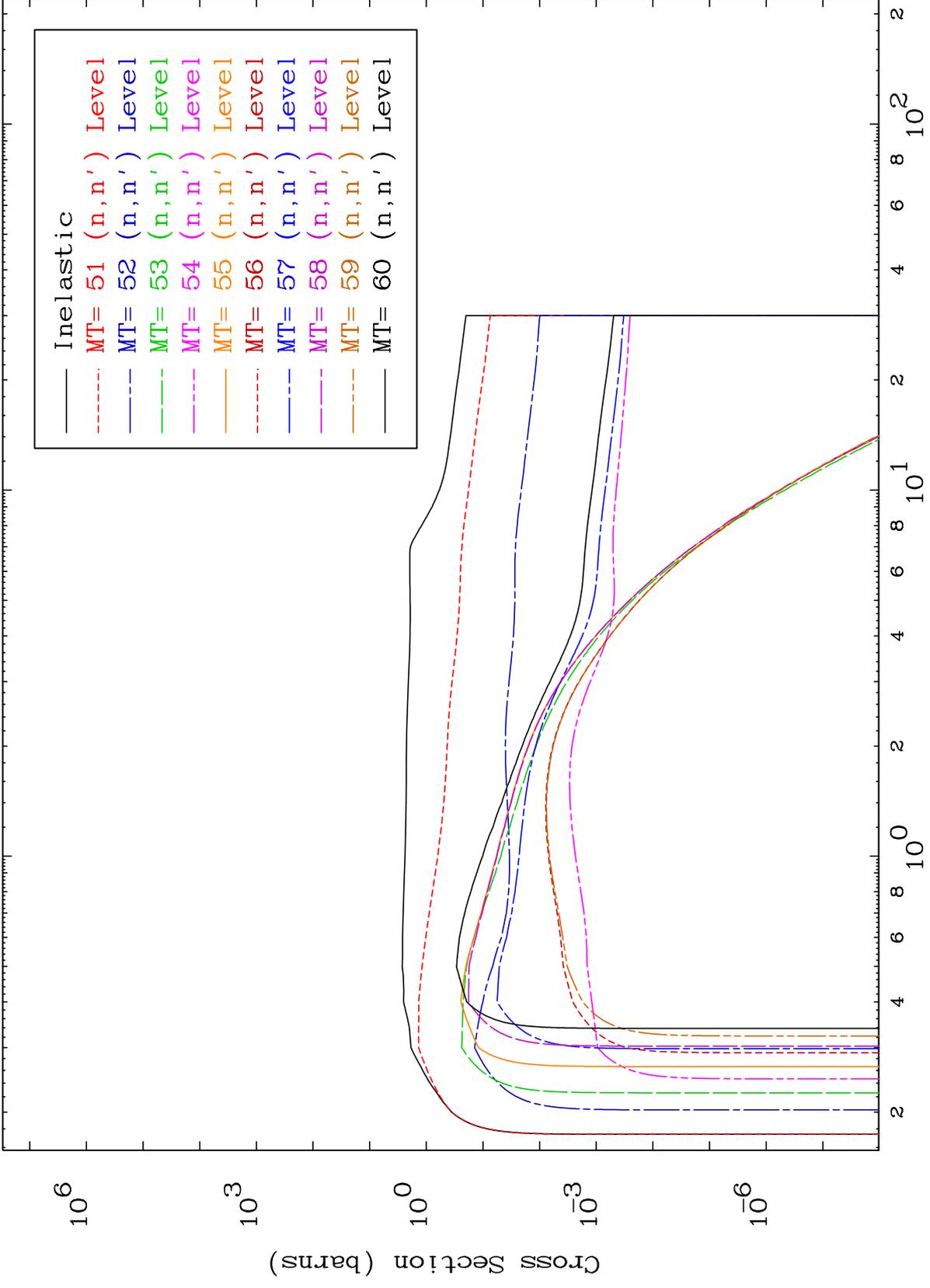


MAT 4328

(n,n') Level

43-Tc-100

293 Kelvin Cross Sections

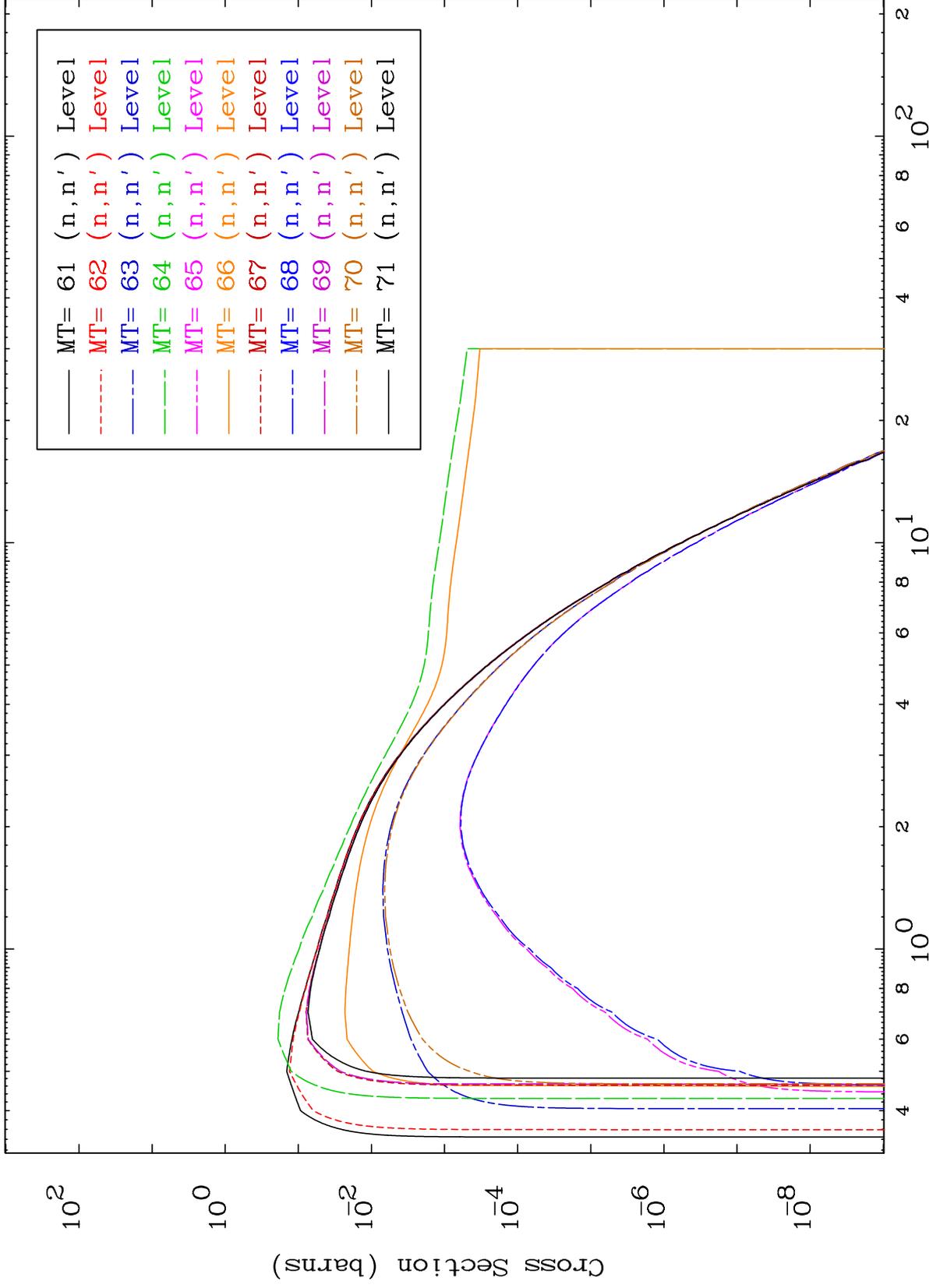


MAT 4328

(n,n') Level

43-Tc-100

293 Kelvin Cross Sections



8

Incident Energy (MeV)

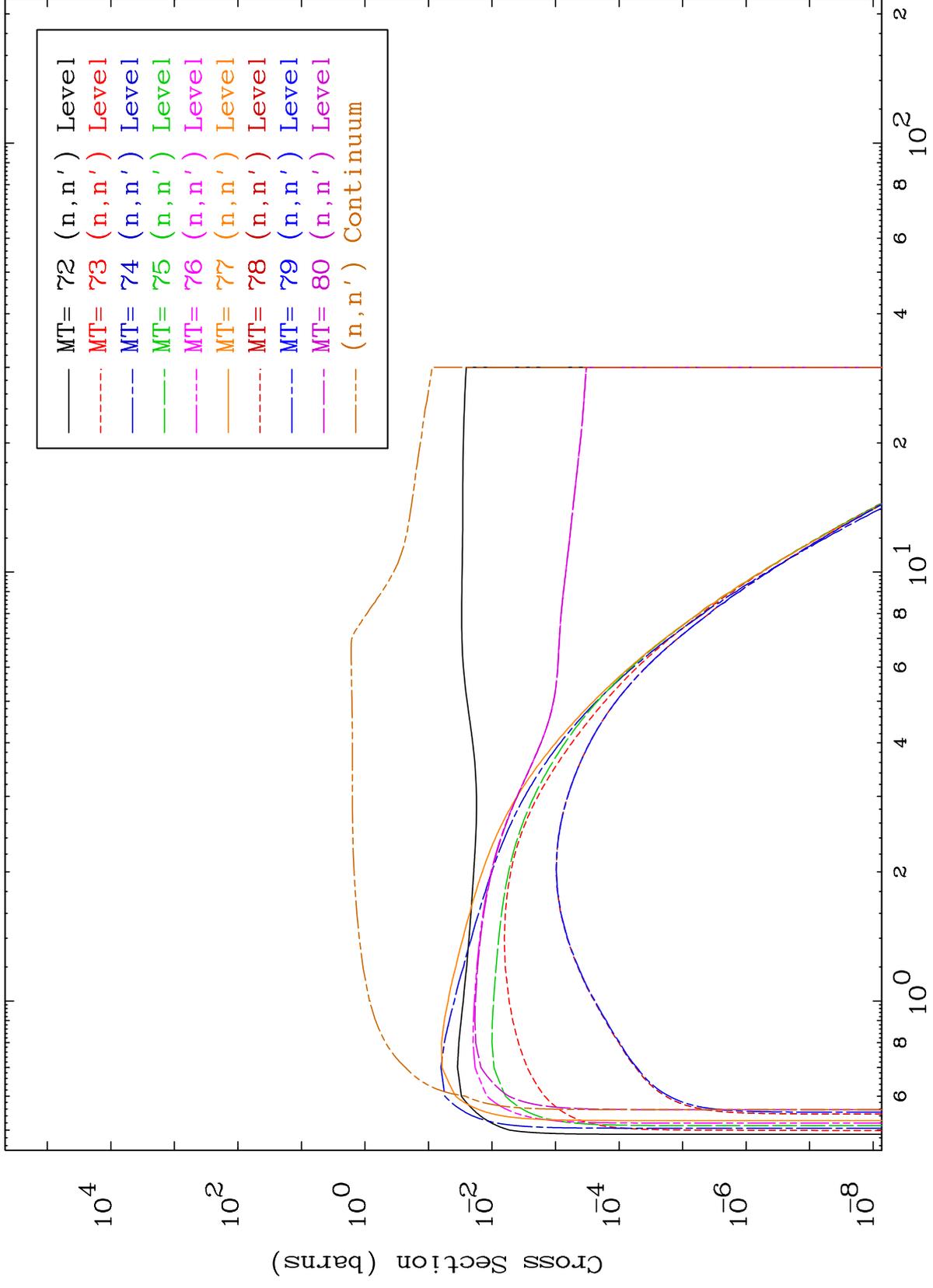
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MAT 4328

(n,n') Level

43-Tc-100

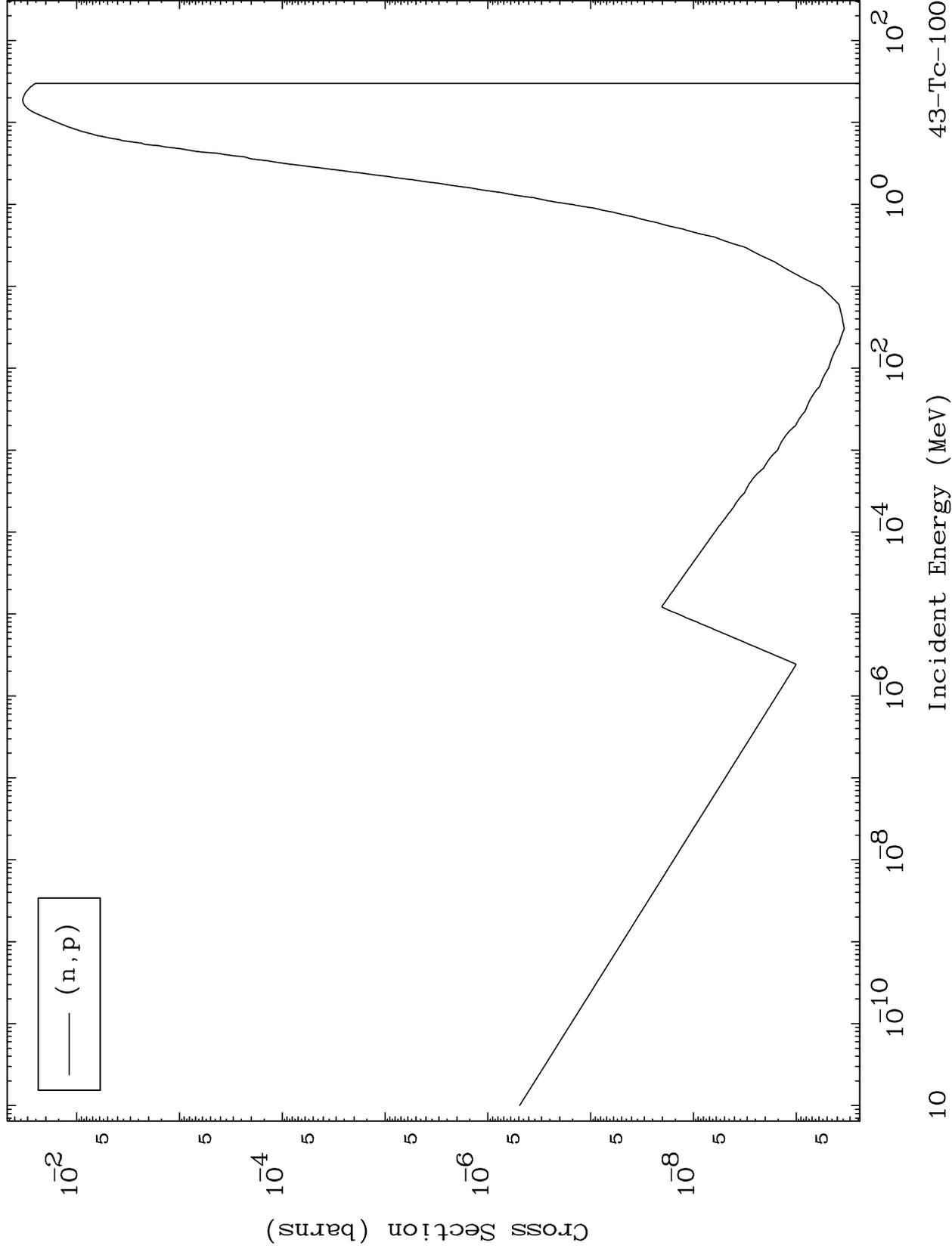
293 Kelvin Cross Sections



MAT 4328

(n,p) Levels  
293 Kelvin Cross Sections

43-Tc-100



10

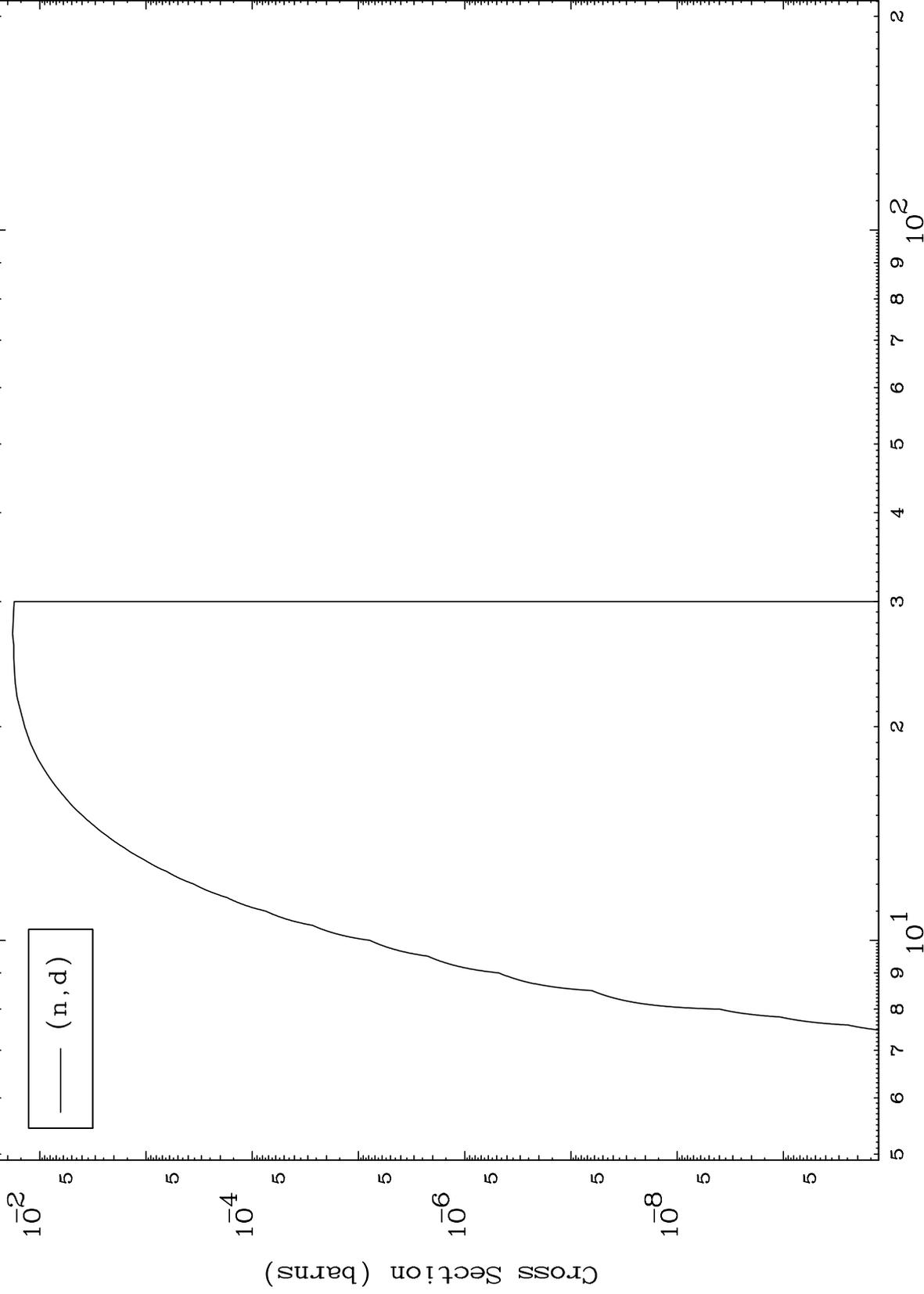
Incident Energy (MeV)

43-Tc-100

MAT 4328

(n,d) Levels  
293 Kelvin Cross Sections

43-Tc-100



11

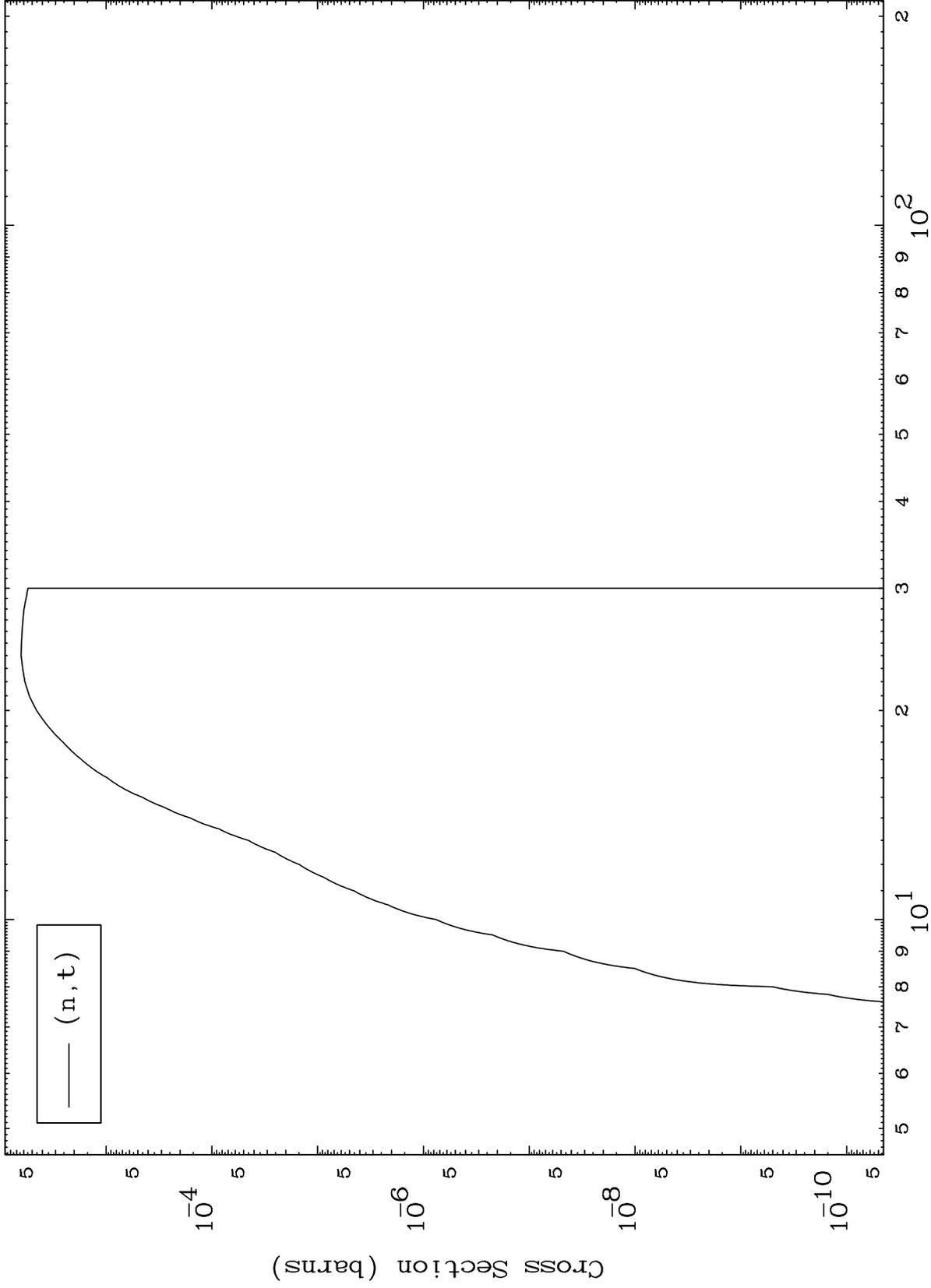
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43-Tc-100

MAT 4328

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-100



12

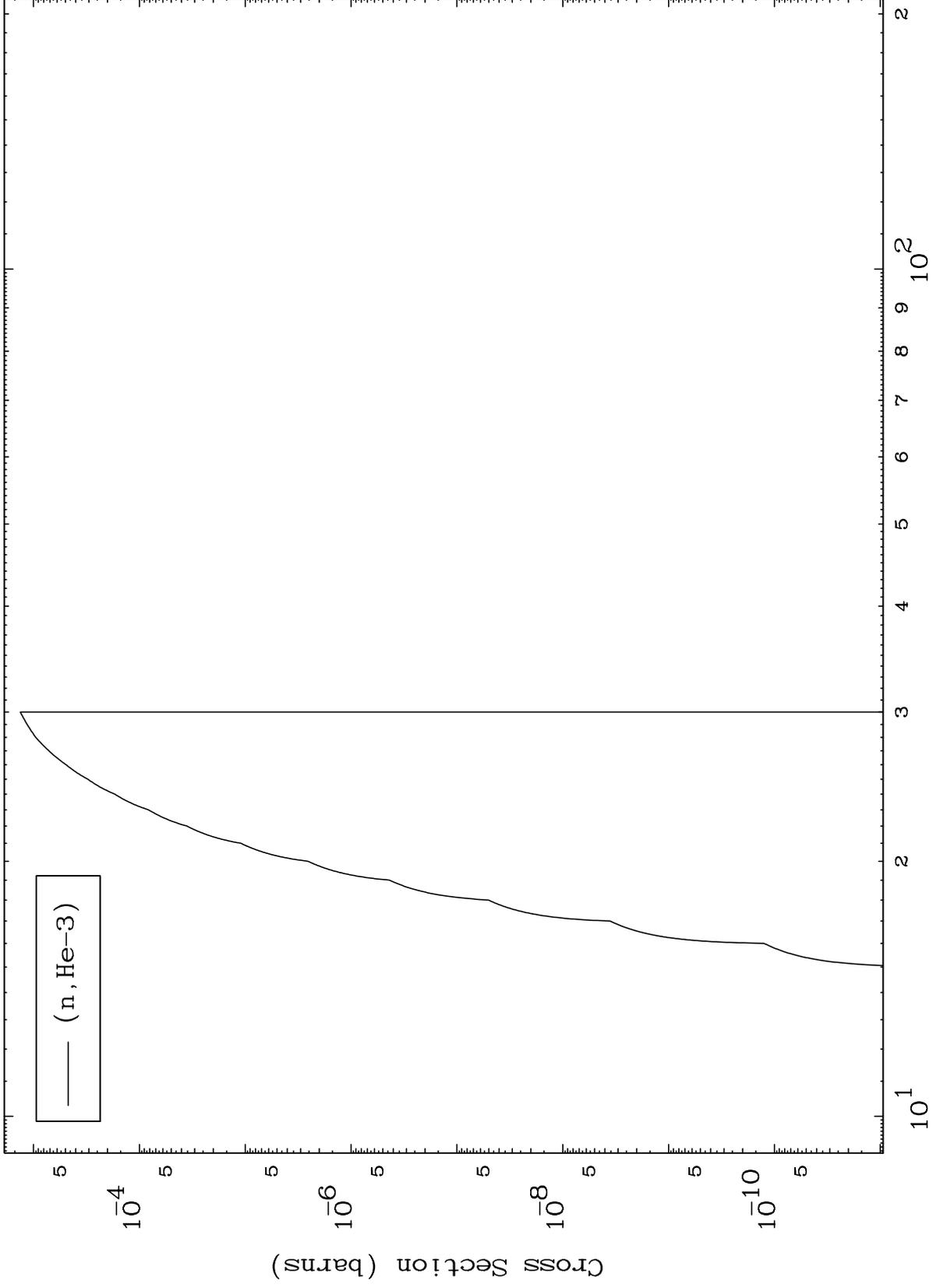
Incident Energy (MeV)

43-Tc-100

MAT 4328

(n,He3) Levels  
293 Kelvin Cross Sections

43-Tc-100



13

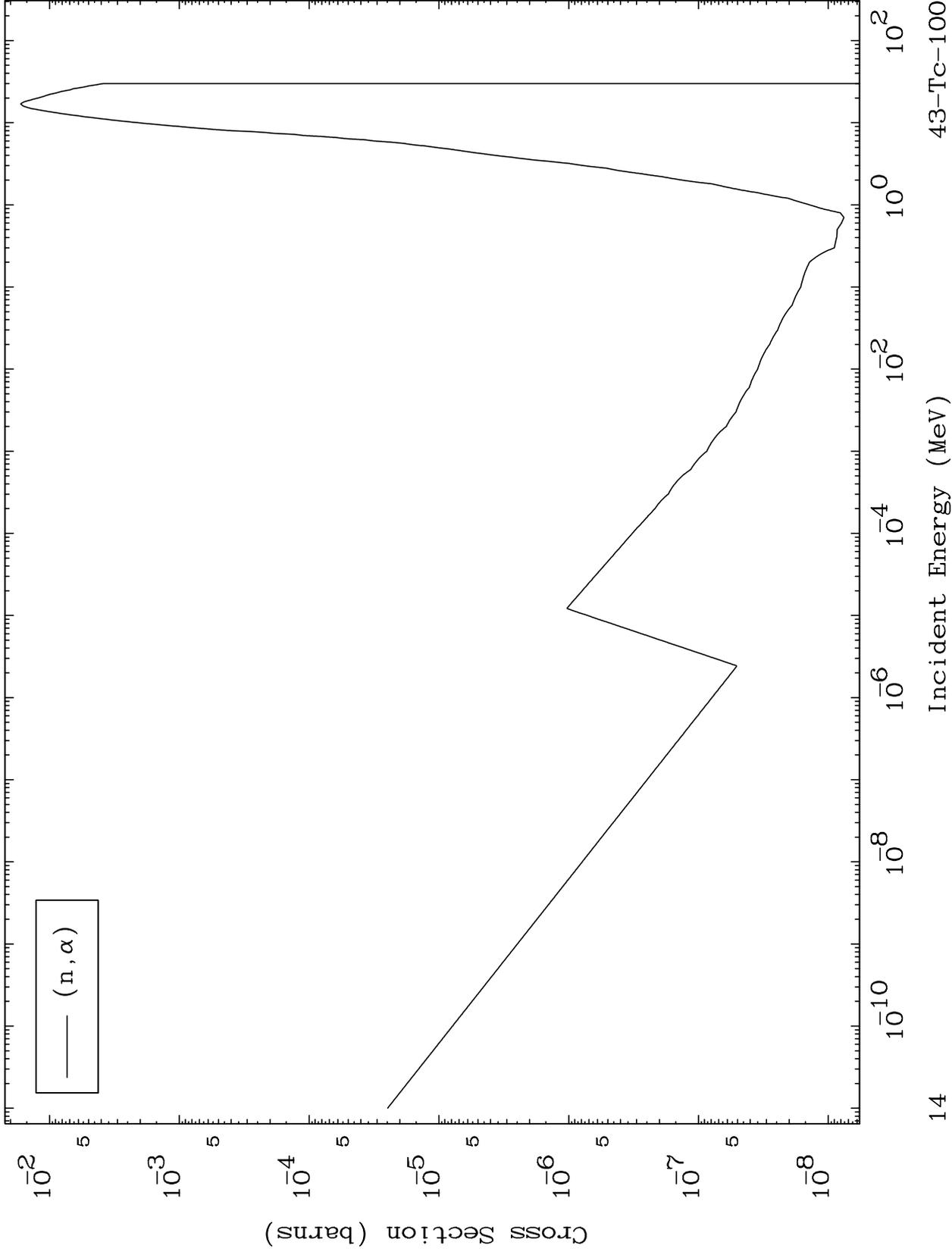
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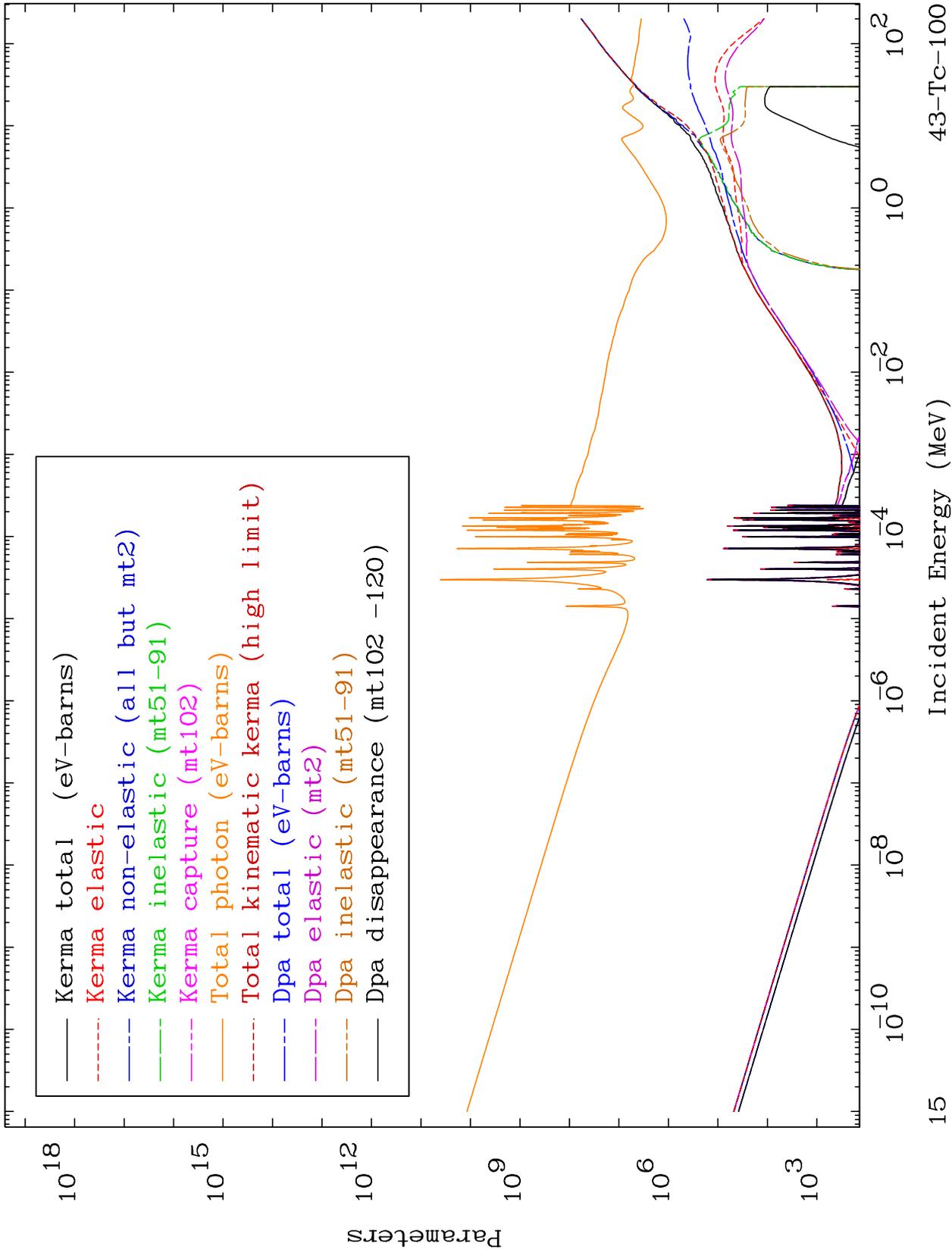
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MAT 4328

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

43-Tc-100

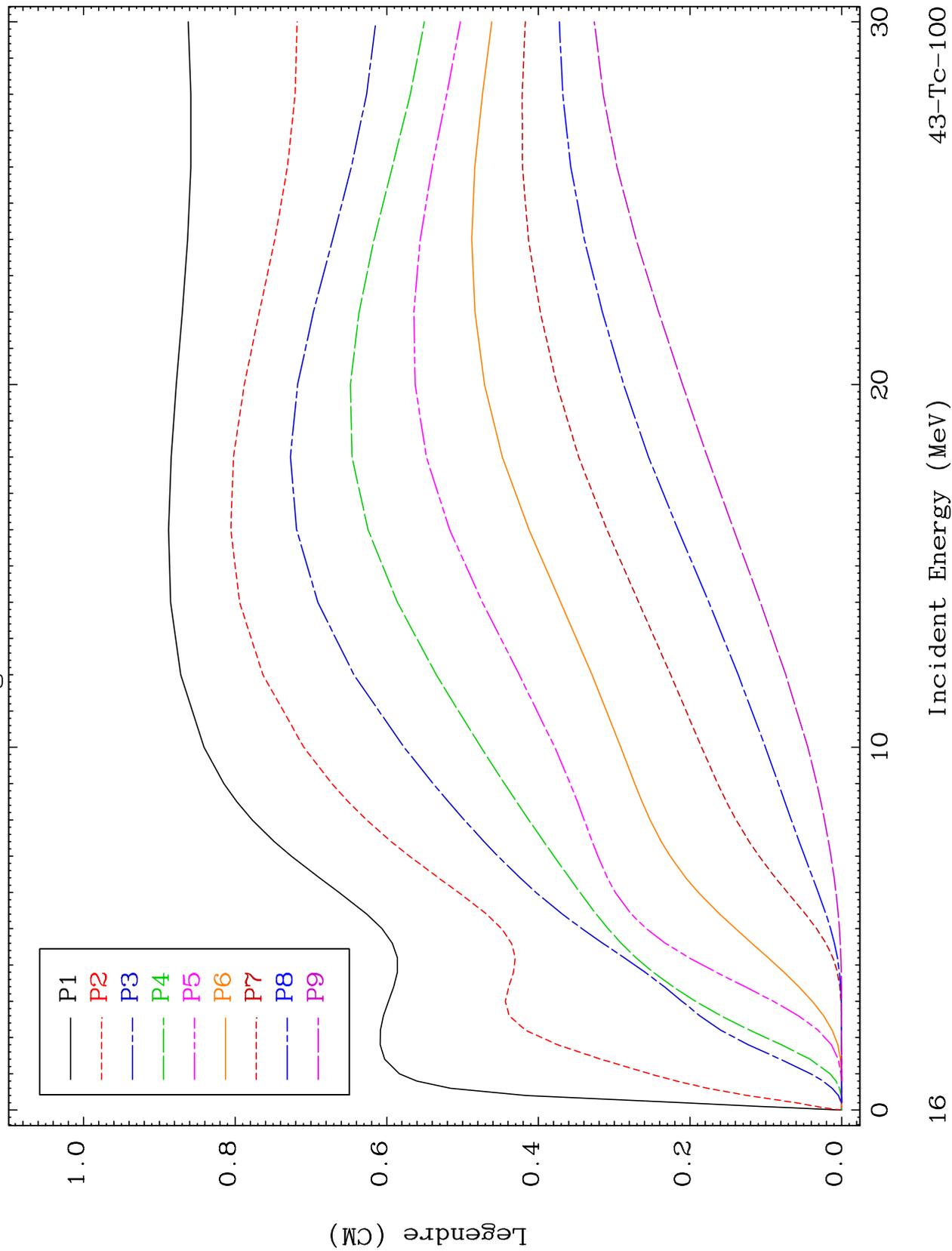




MAT 4328

Elastic Legendre Coefficients

43-Tc-100



16

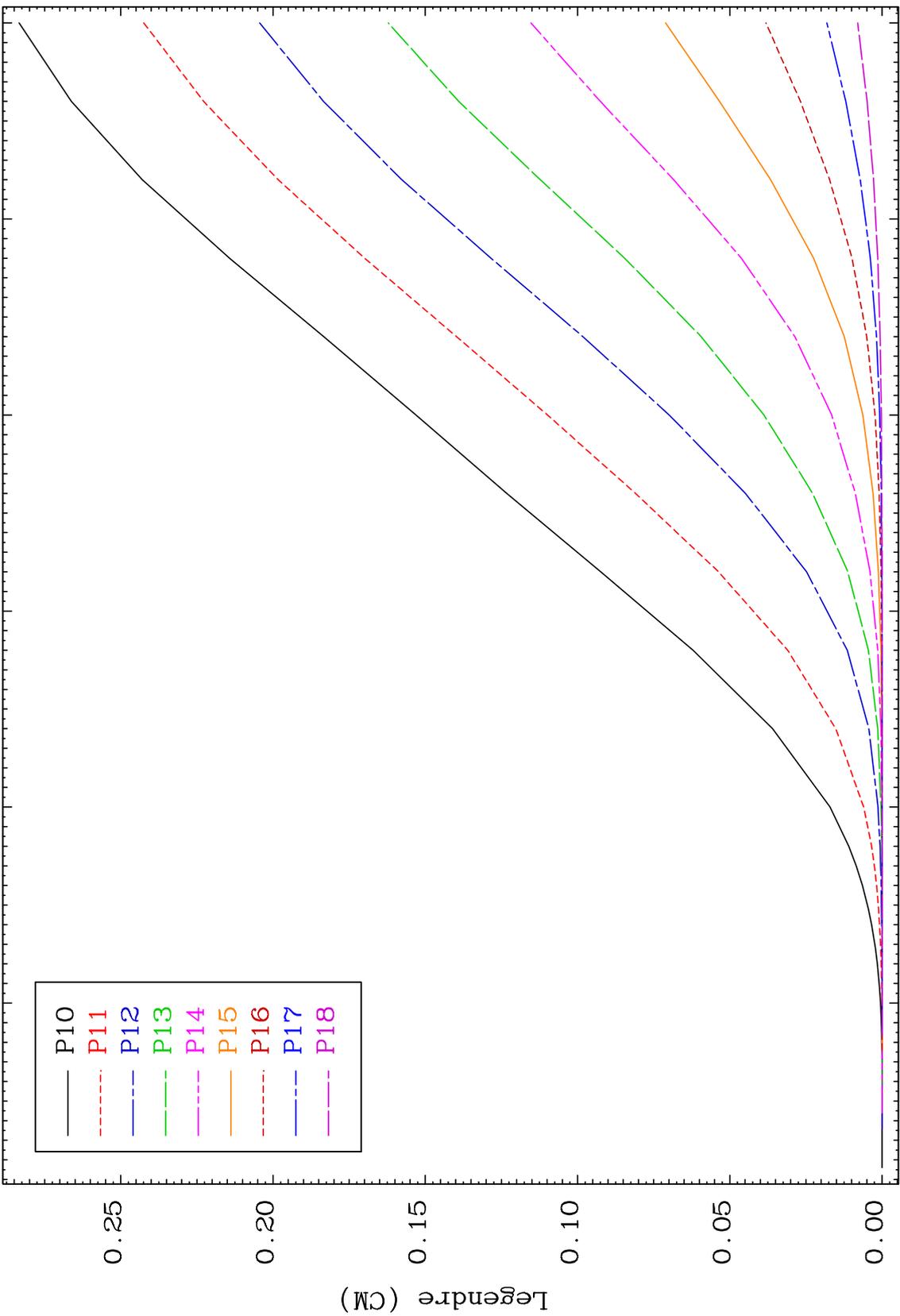
Incident Energy (MeV)

43-Tc-100

MAT 4328

Elastic Legendre Coefficients

43-Tc-100



17

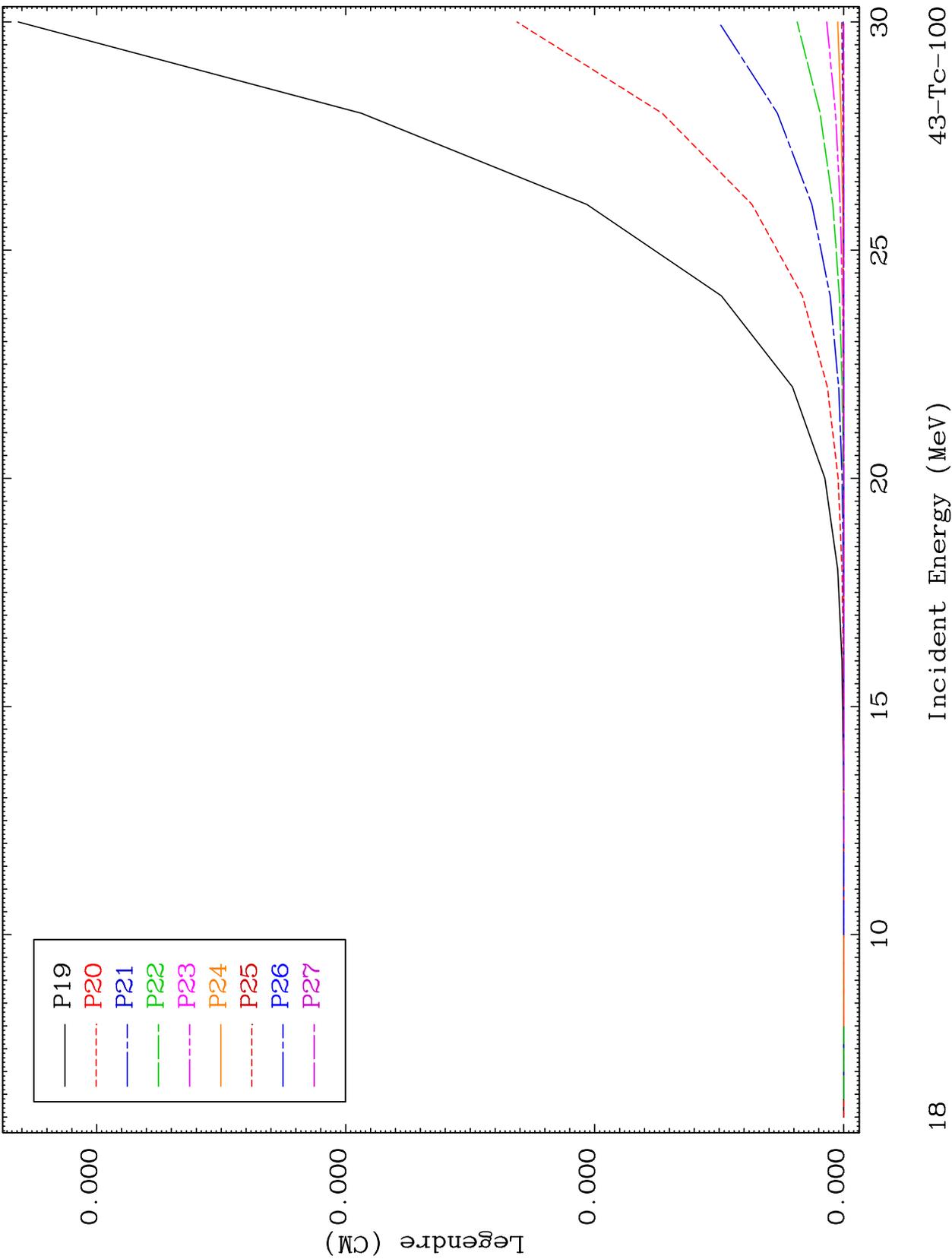
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Incident Energy (MeV)

MAT 4328

### Elastic Legendre Coefficients

43-Tc-100



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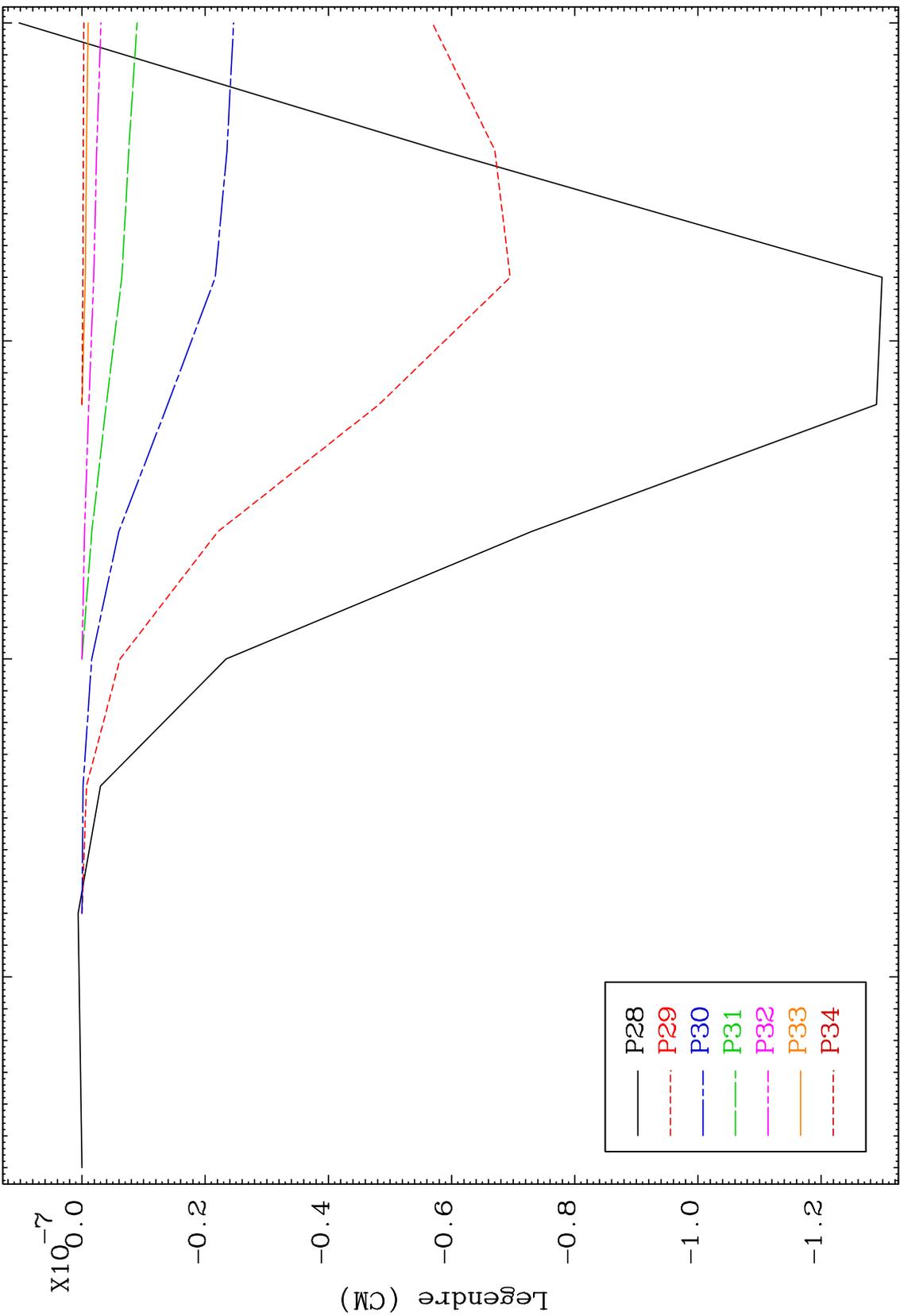
Incident Energy (MeV)

43-Tc-100

MAT 4328

43-Tc-100

Elastic Legendre Coefficients



30

25

20

15

19

Incident Energy (MeV)

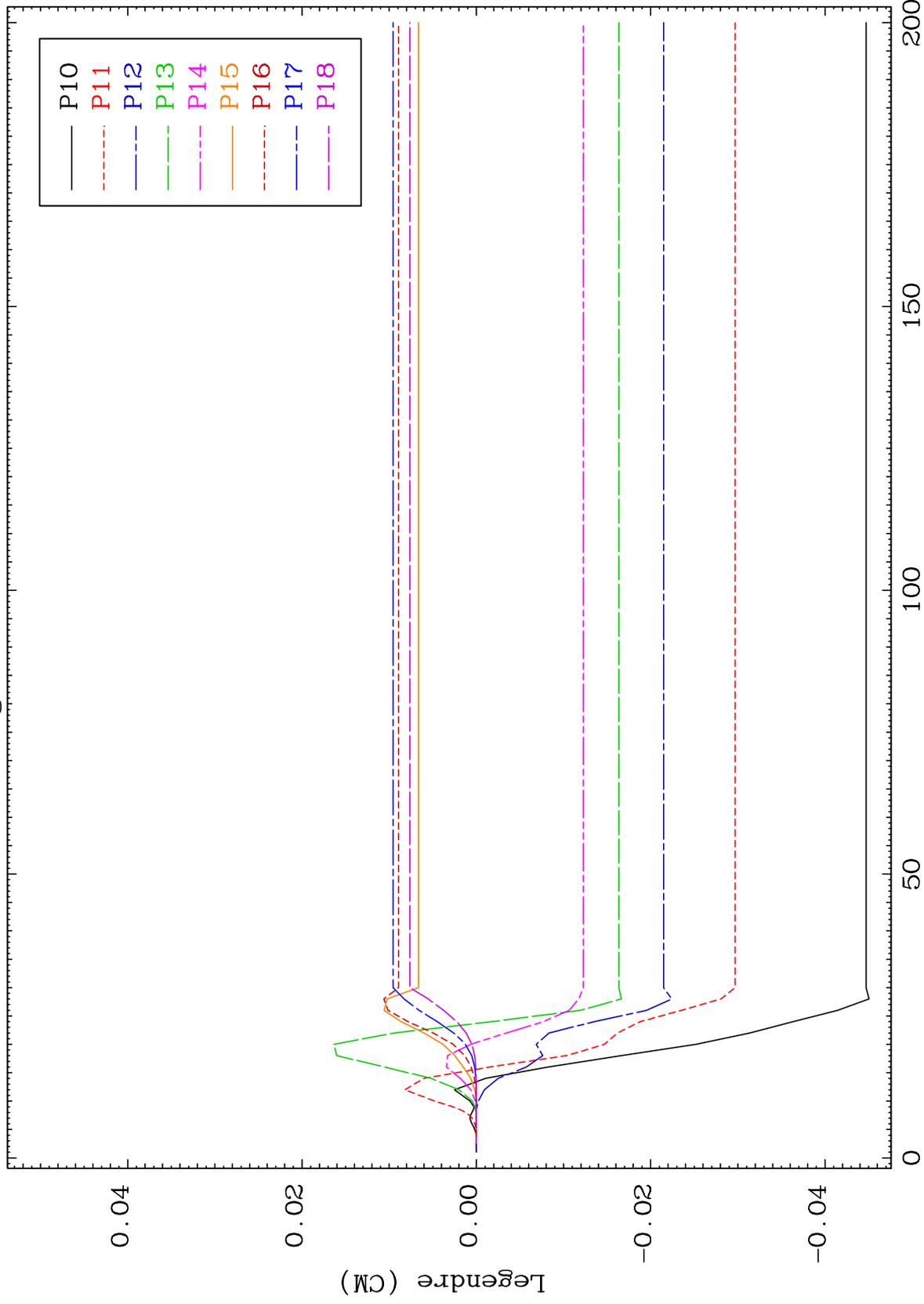
43-Tc-100



MAT 4328

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

43-Tc-100



21

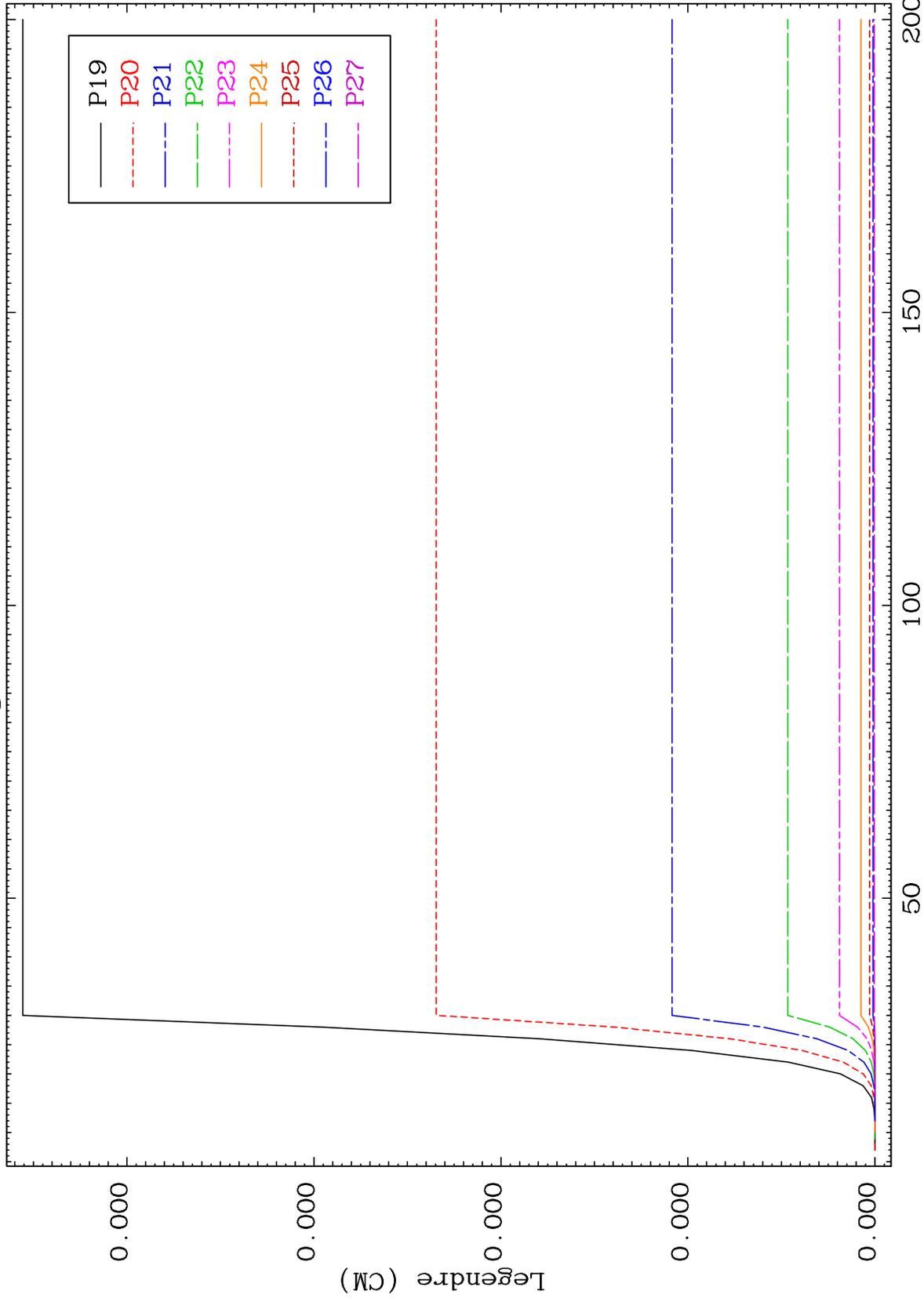
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

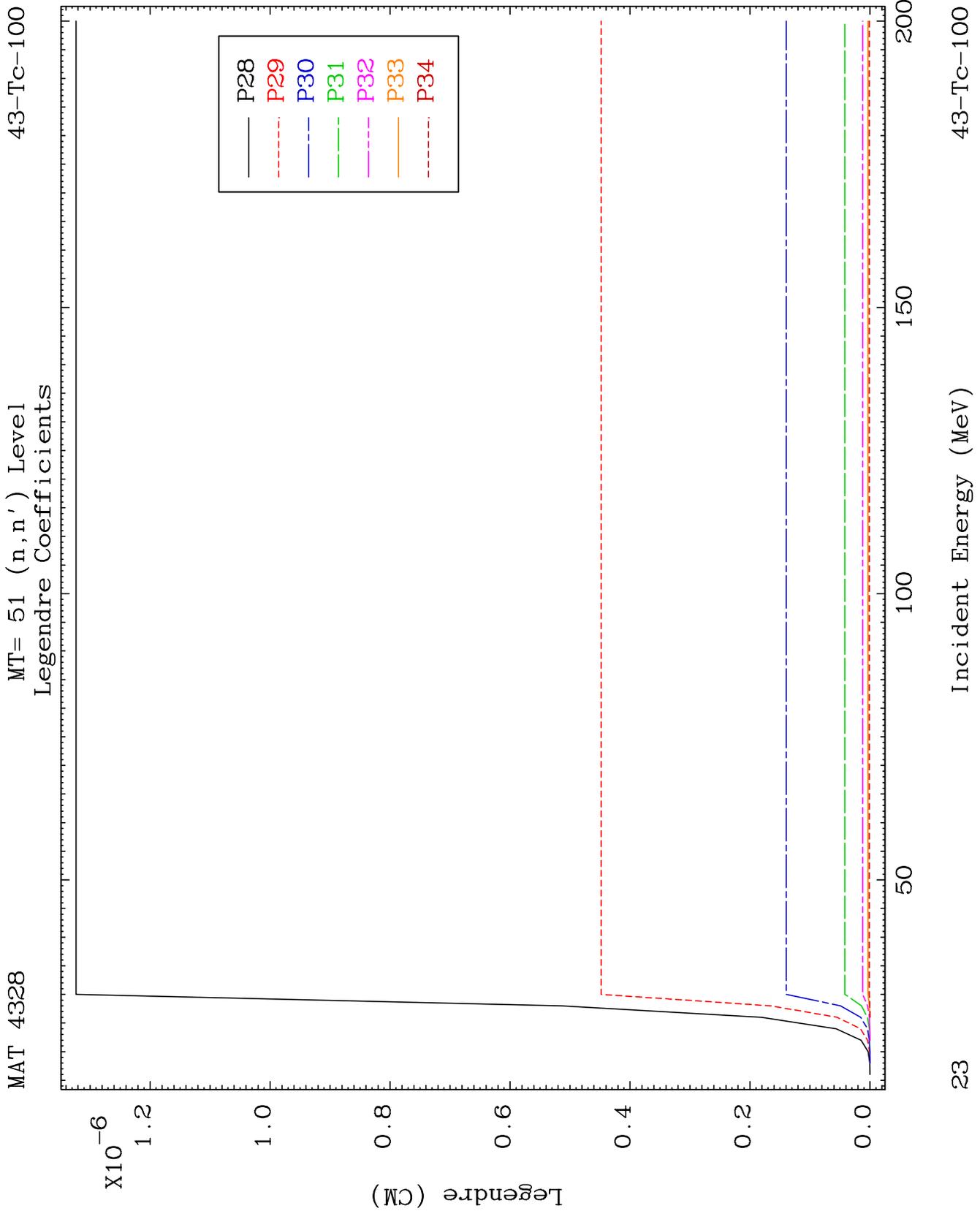
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22

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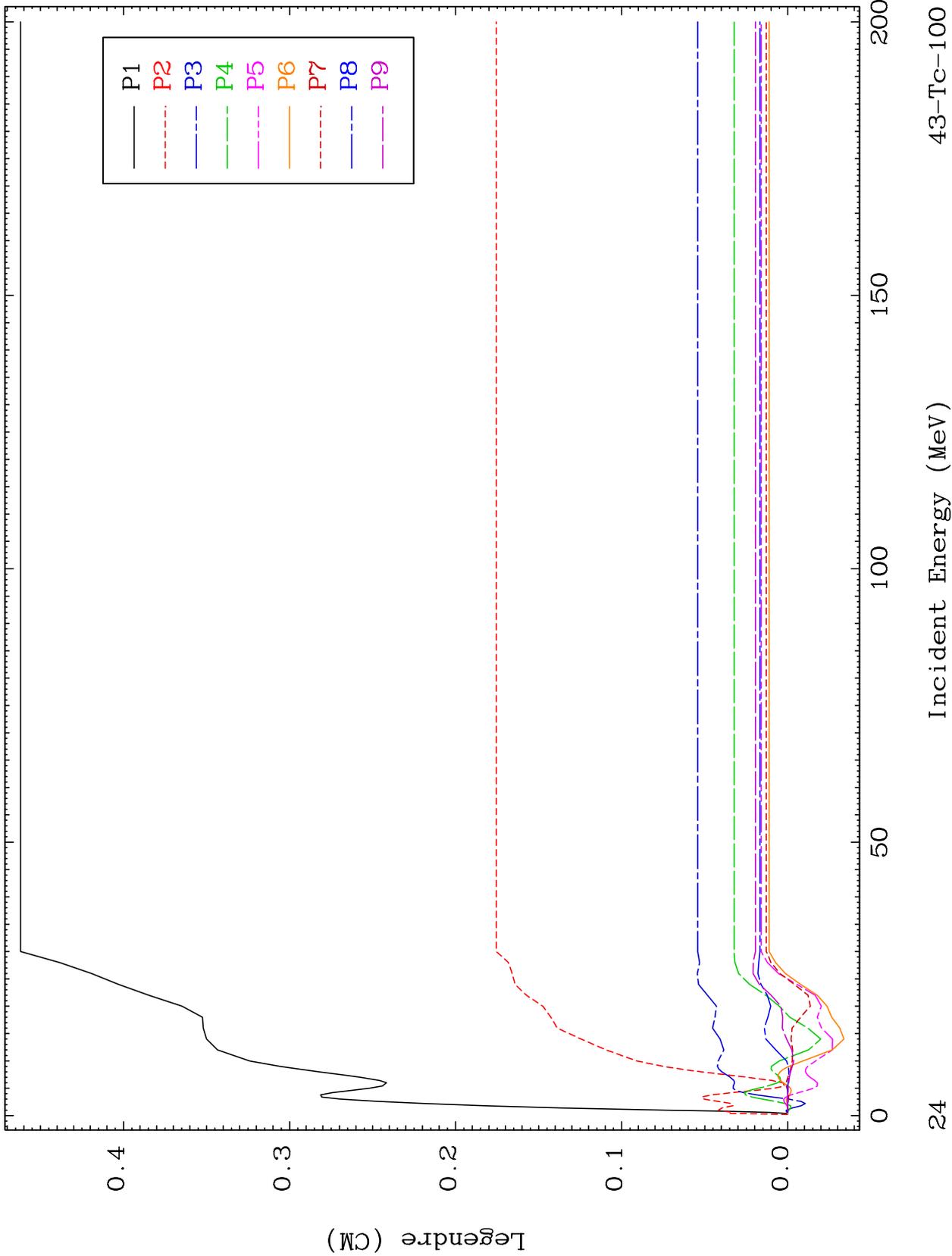
43-Tc-100



MAT 4328

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

43-Tc-100



24

Incident Energy (MeV)

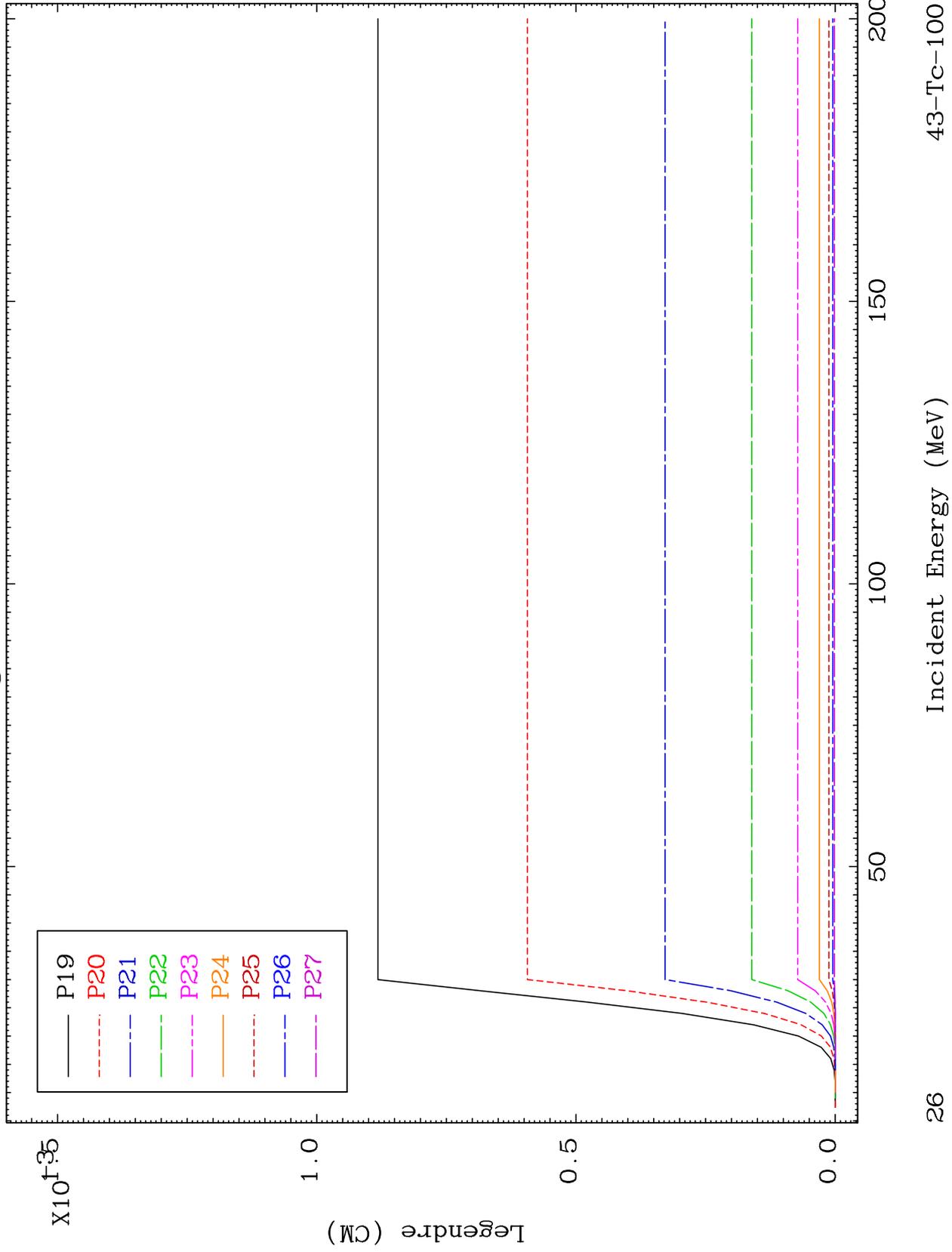
43-Tc-100



MAT 4328

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

43-Tc-100



26

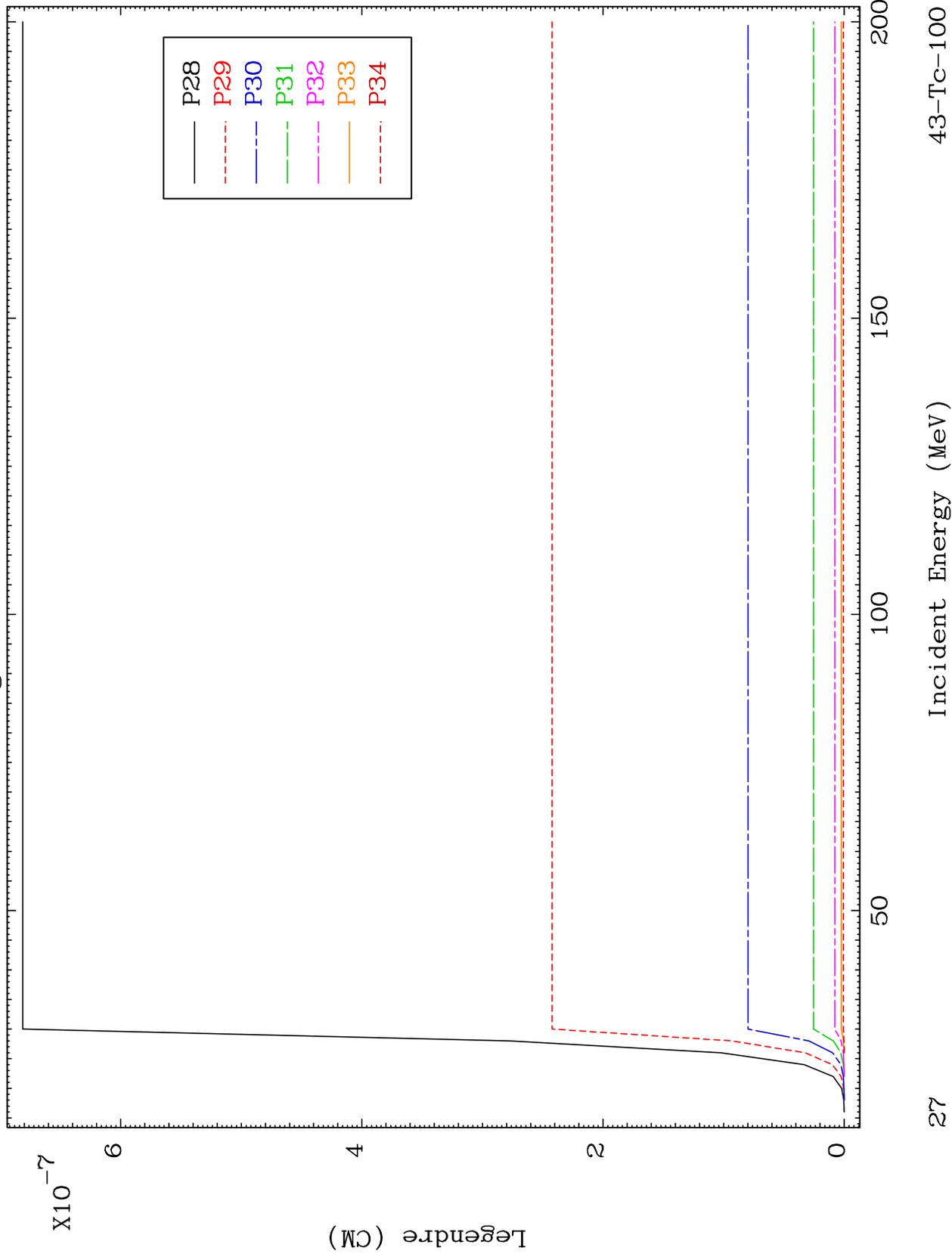
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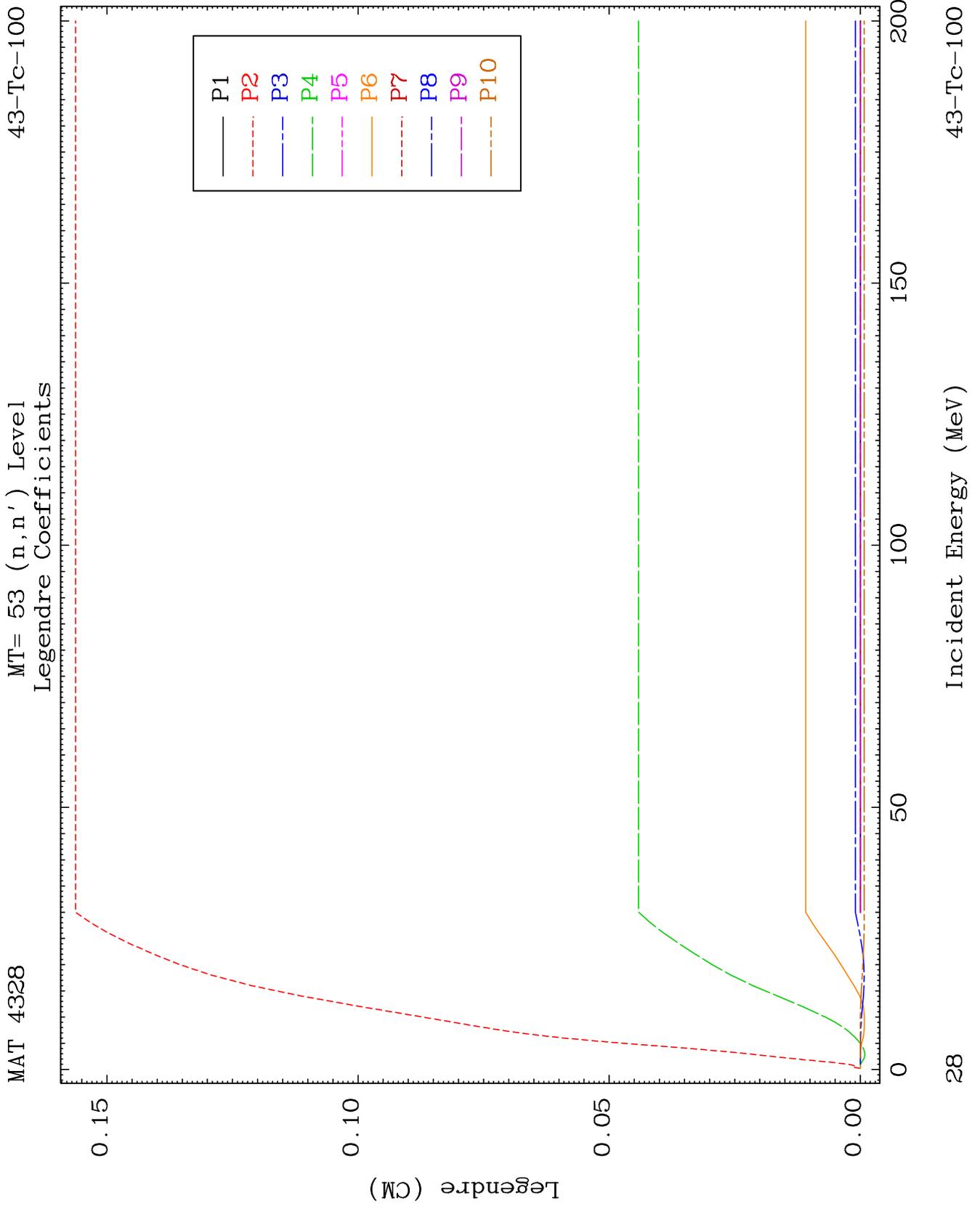
43-Tc-100

MAT 4328

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

43-Tc-100

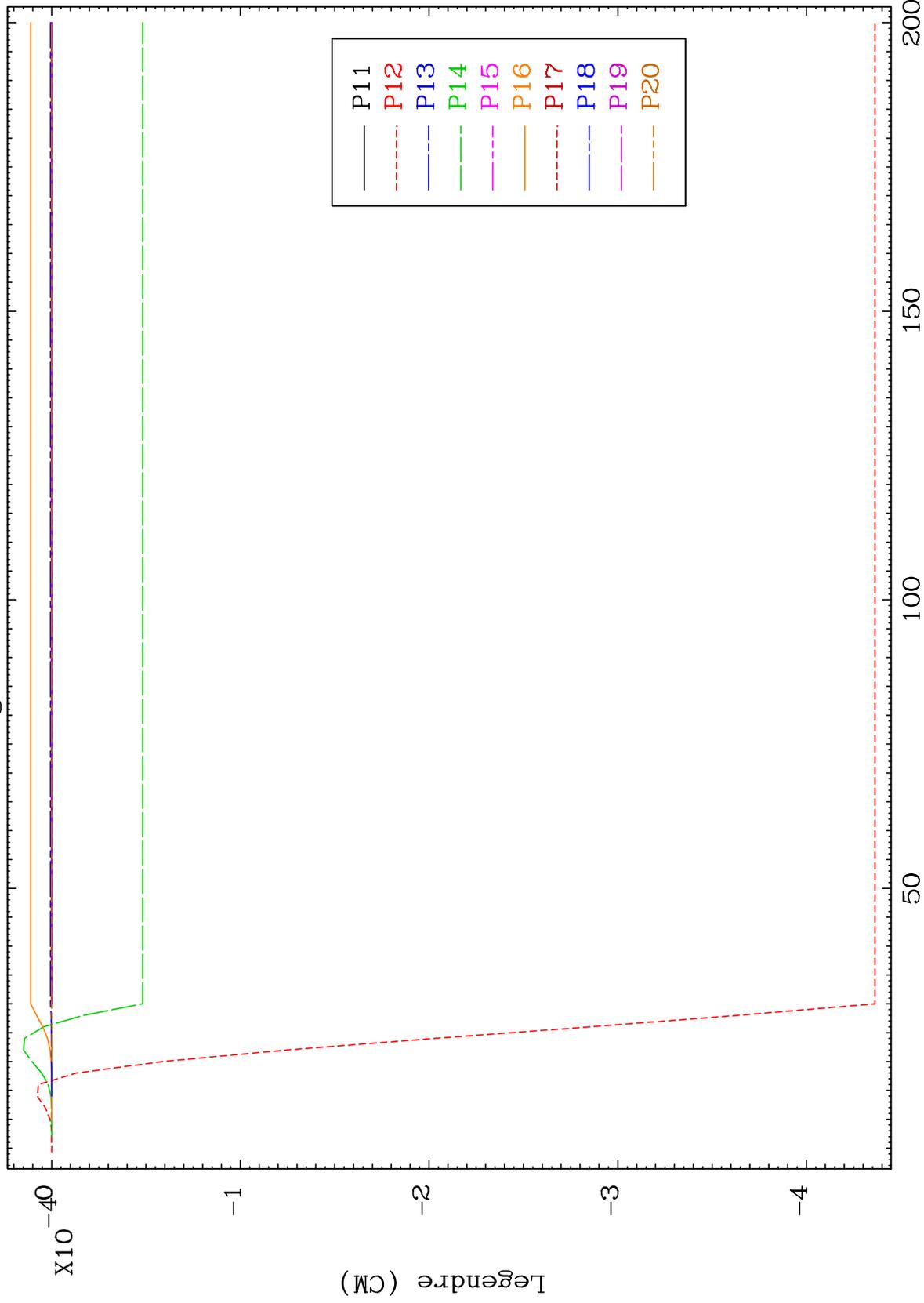




MAT 4328

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

43-Tc-100



29

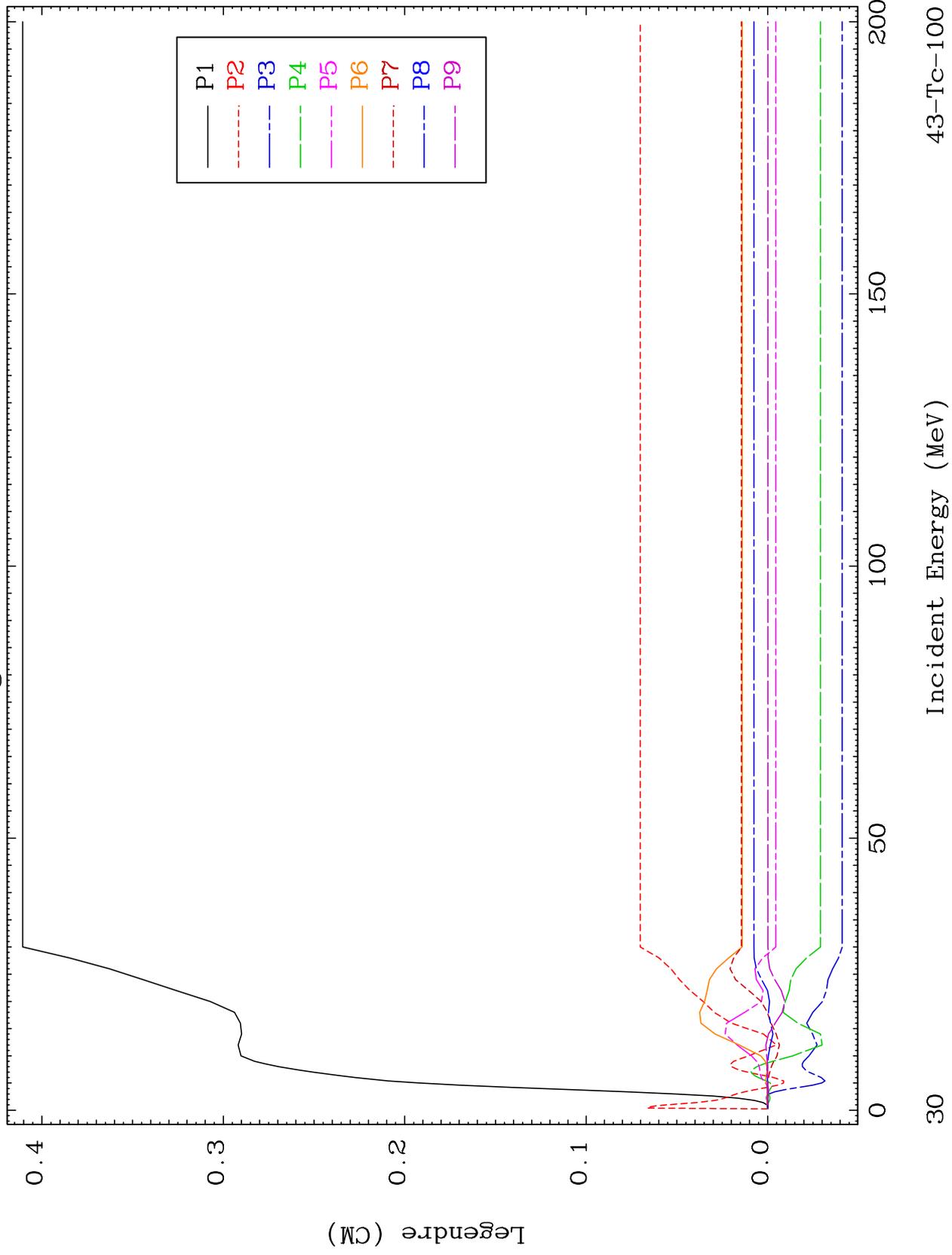
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



43-Tc-100

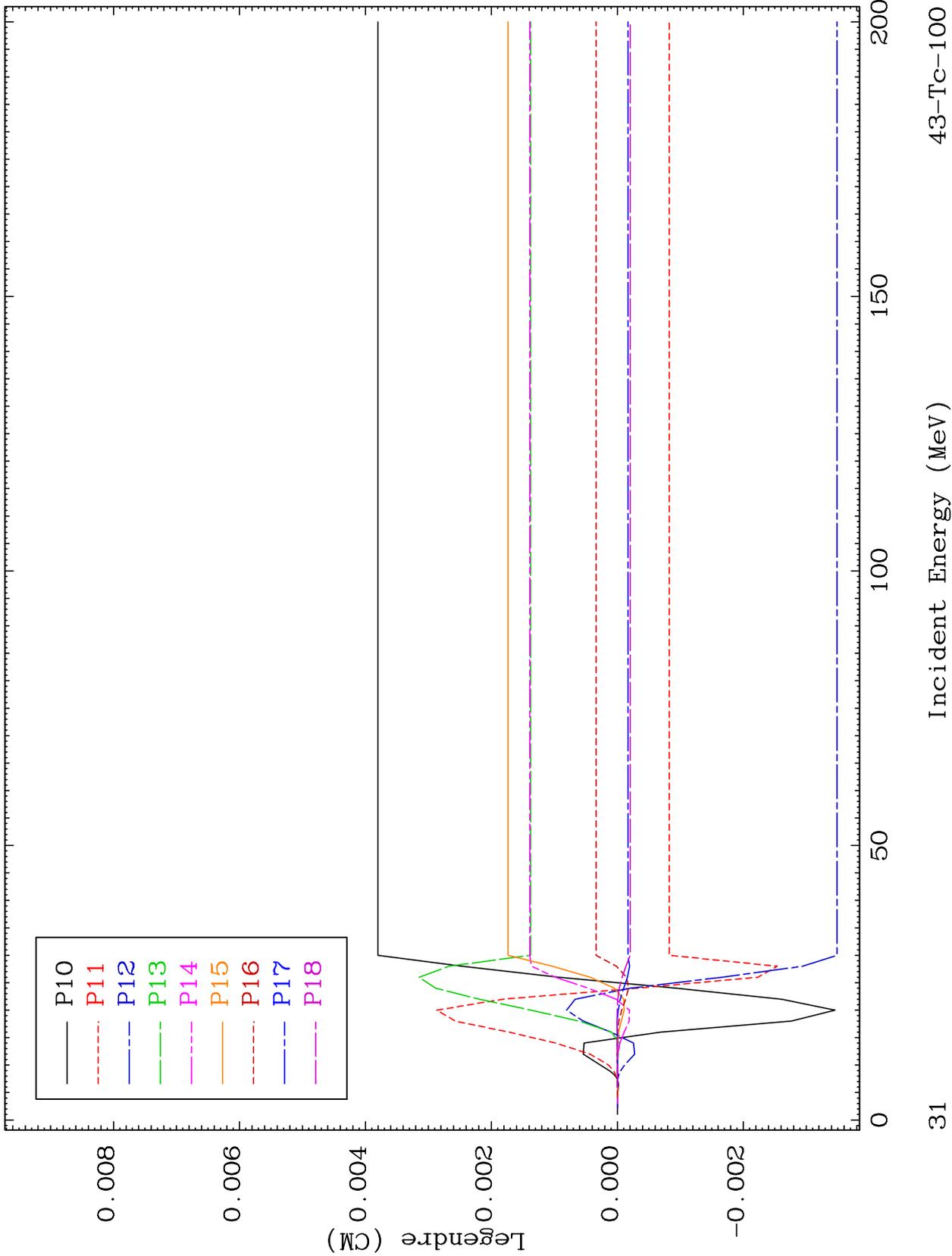
Incident Energy (MeV)

30

MAT 4328

MT= 54 (n,n') Level  
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43-Tc-100

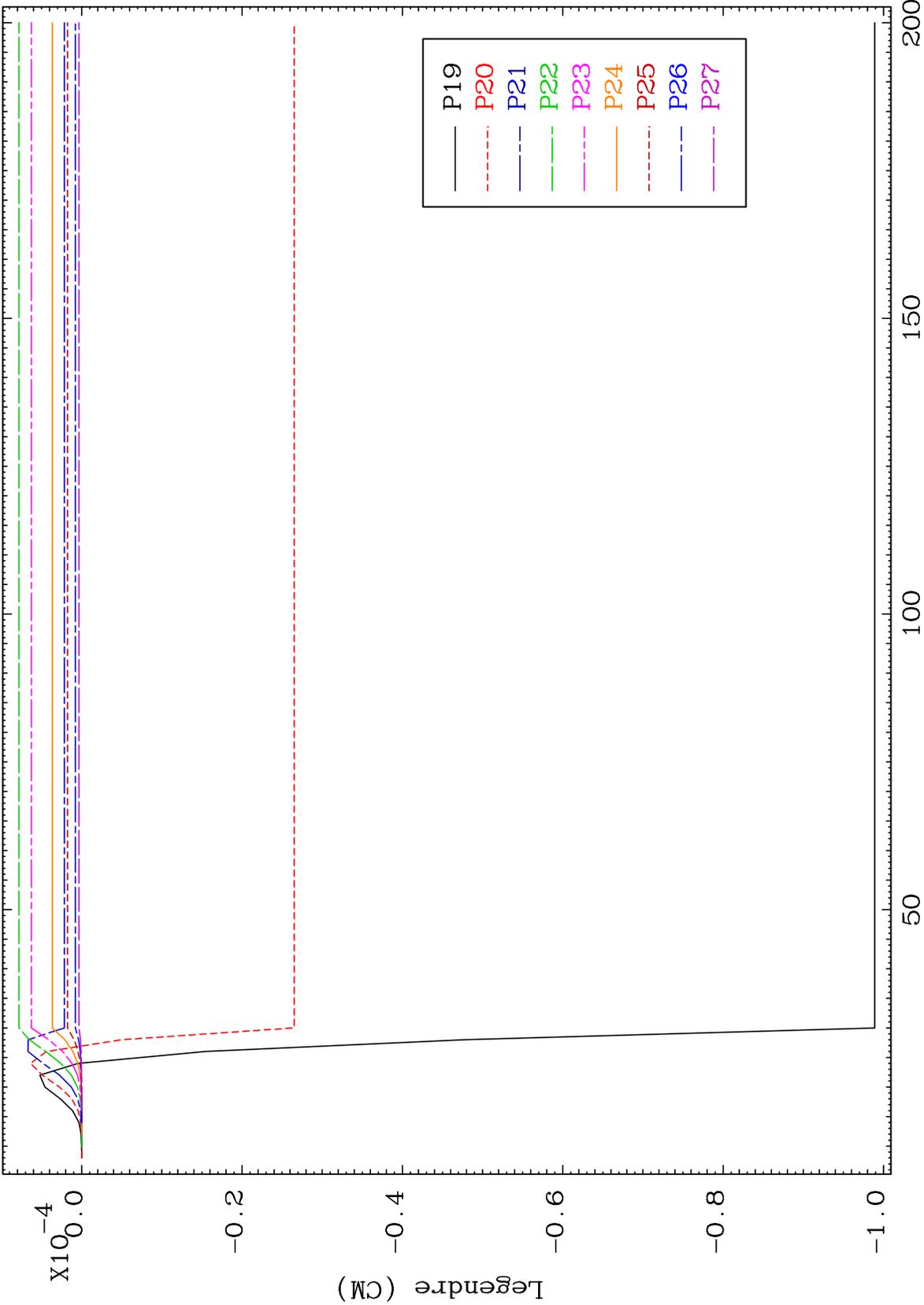


MAT 4328

MT= 54 (n,n') Level

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Legendre Coefficients



32

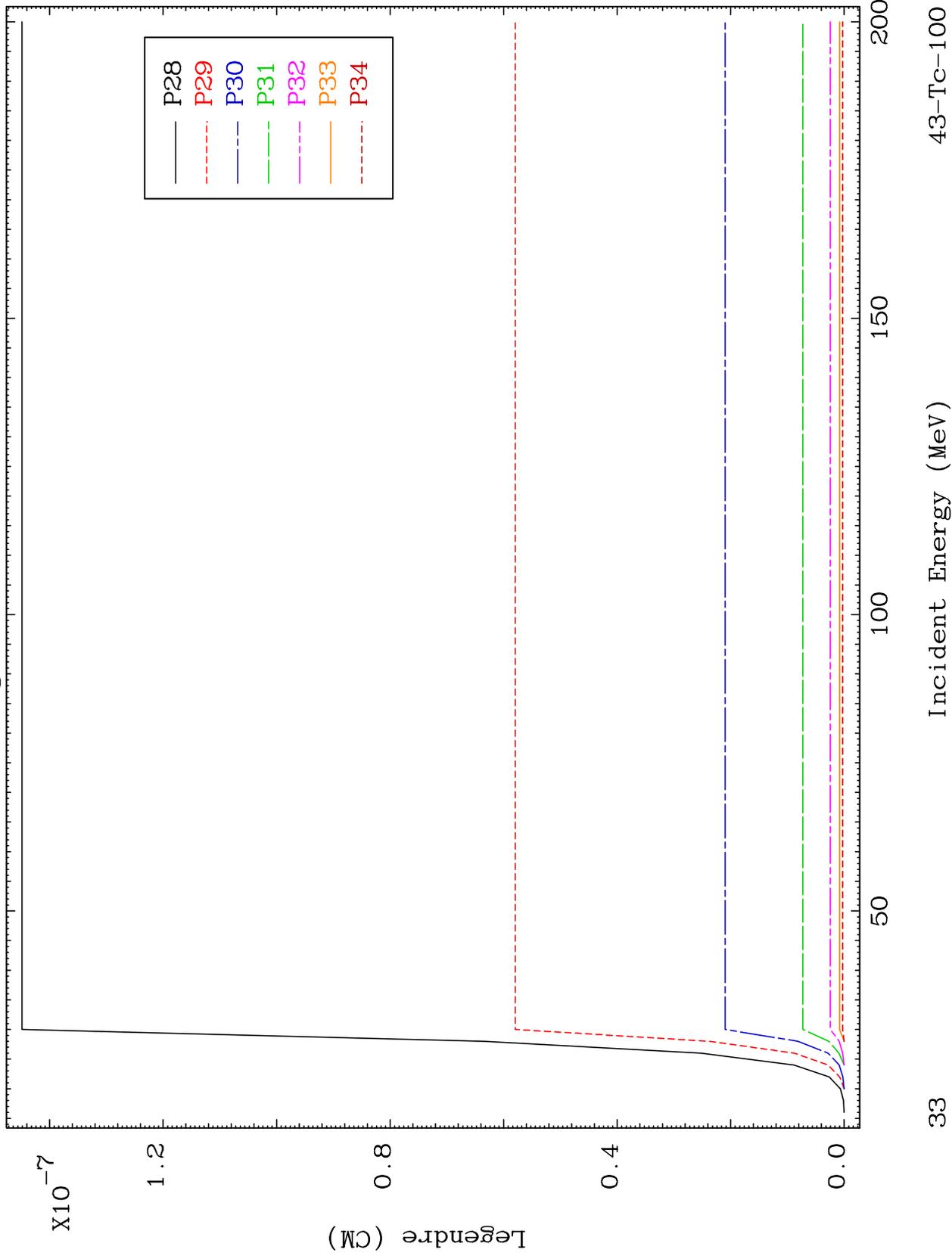
Incident Energy (MeV)

43-Tc-100

MAT 4328

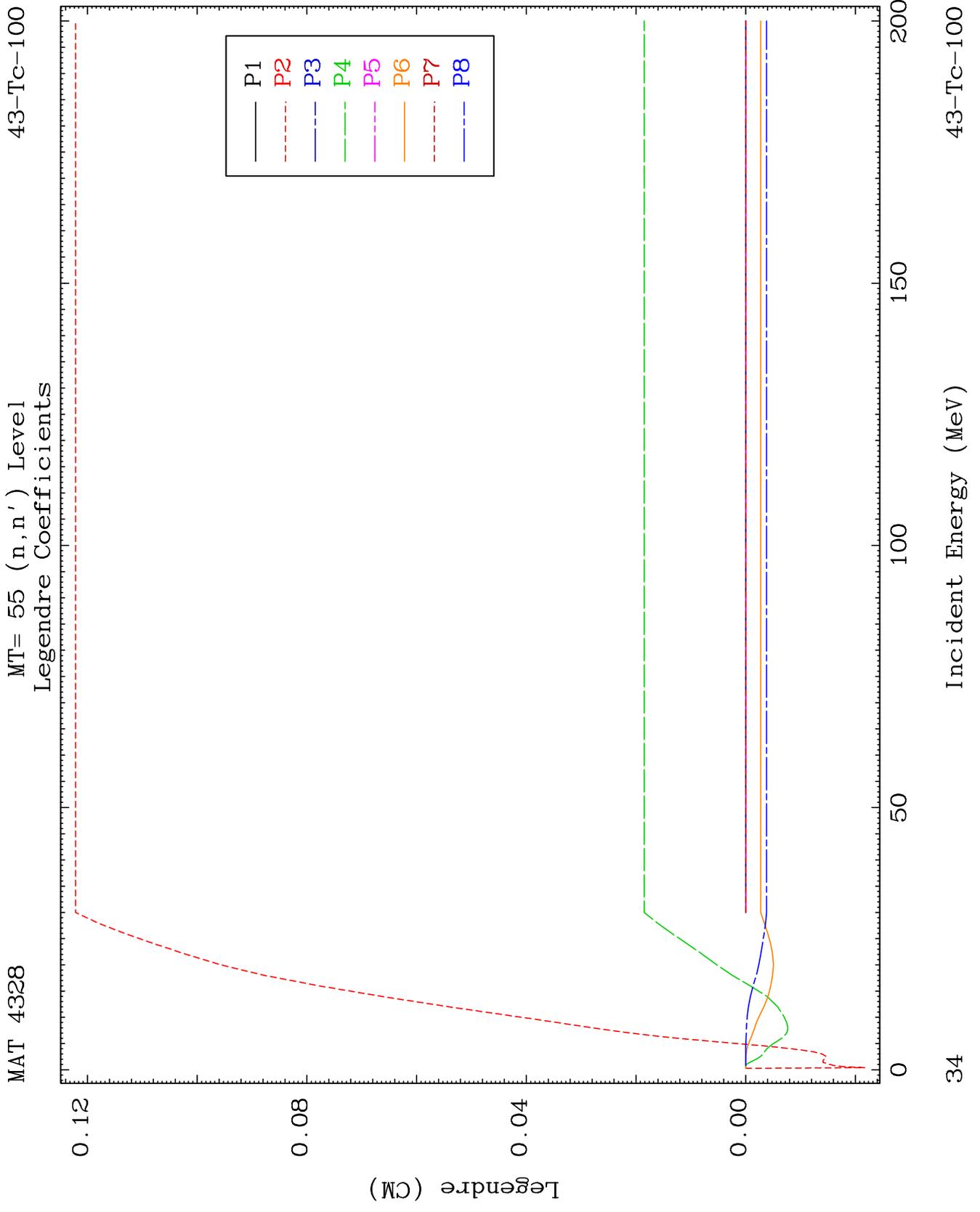
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Legendre Coefficients

43-Tc-100

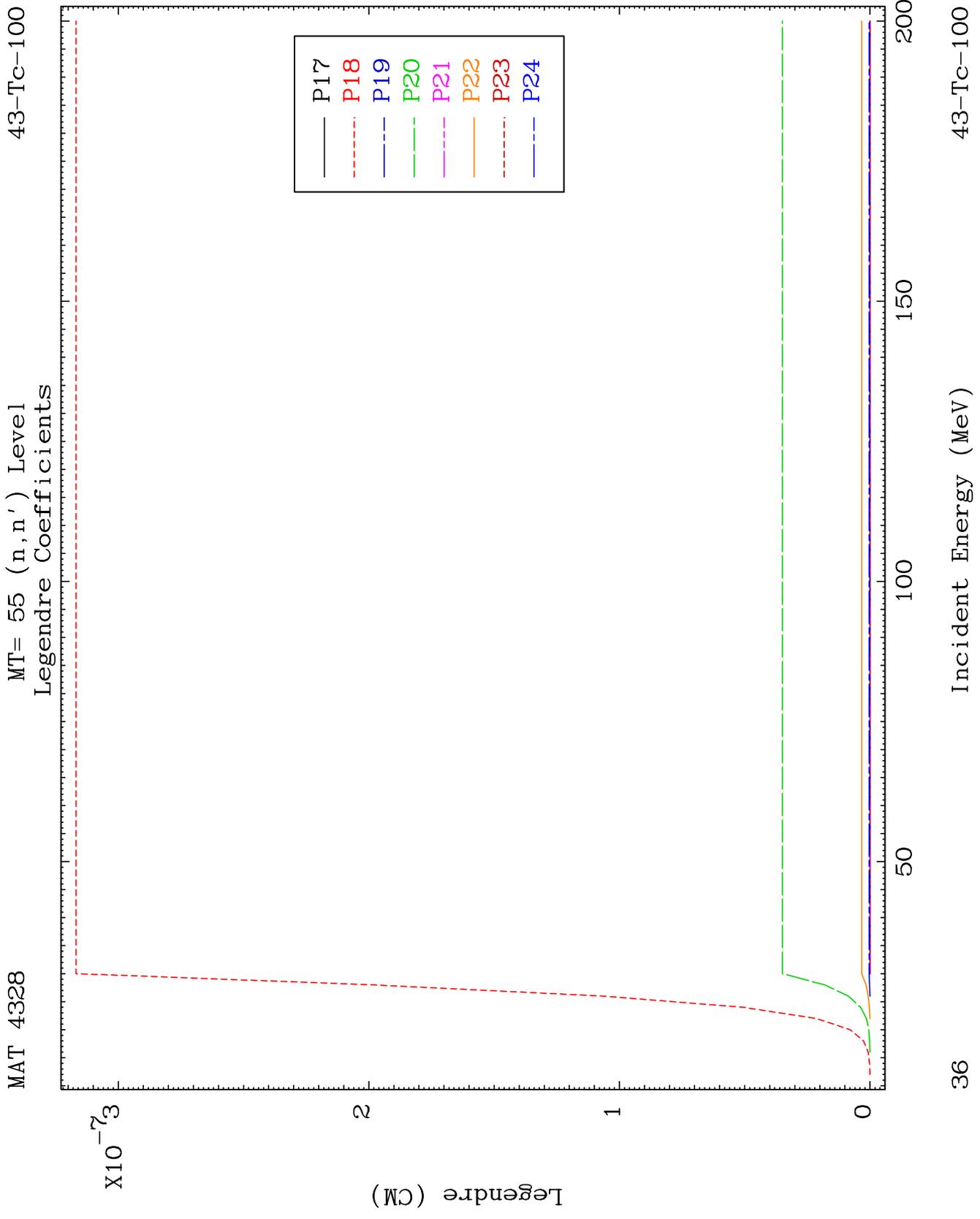


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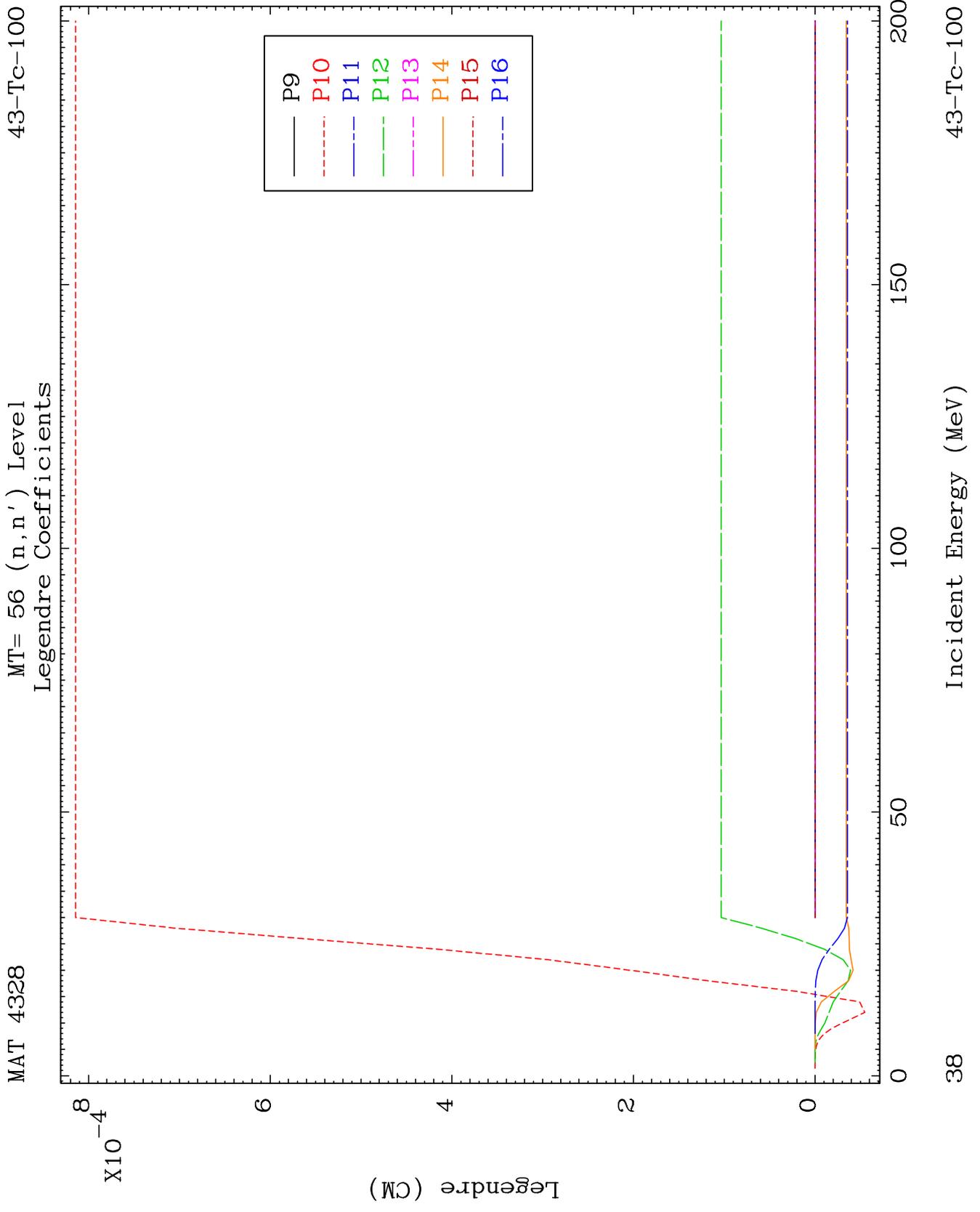
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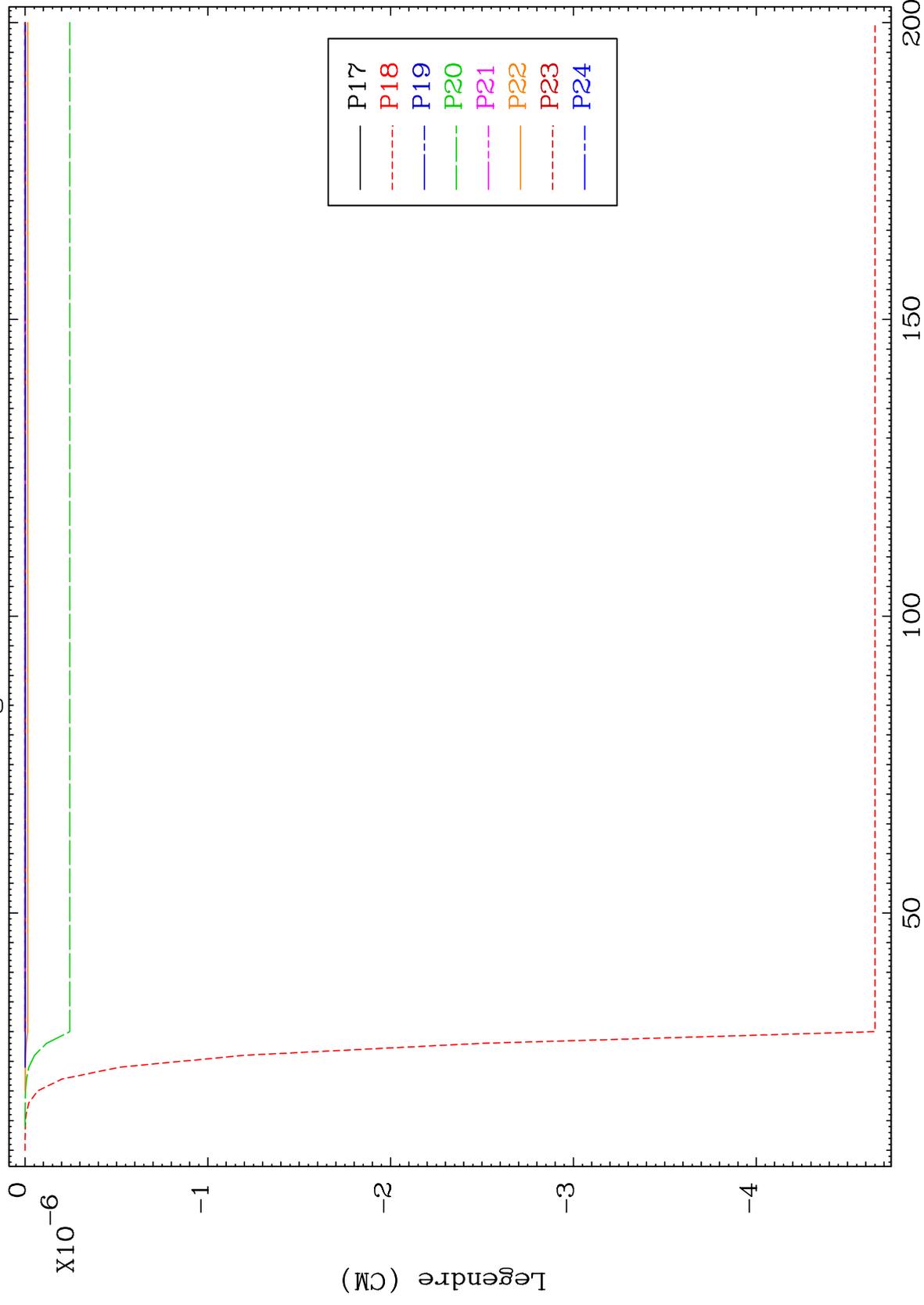




MAT 4328

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

43-Tc-100



39

Incident Energy (MeV)

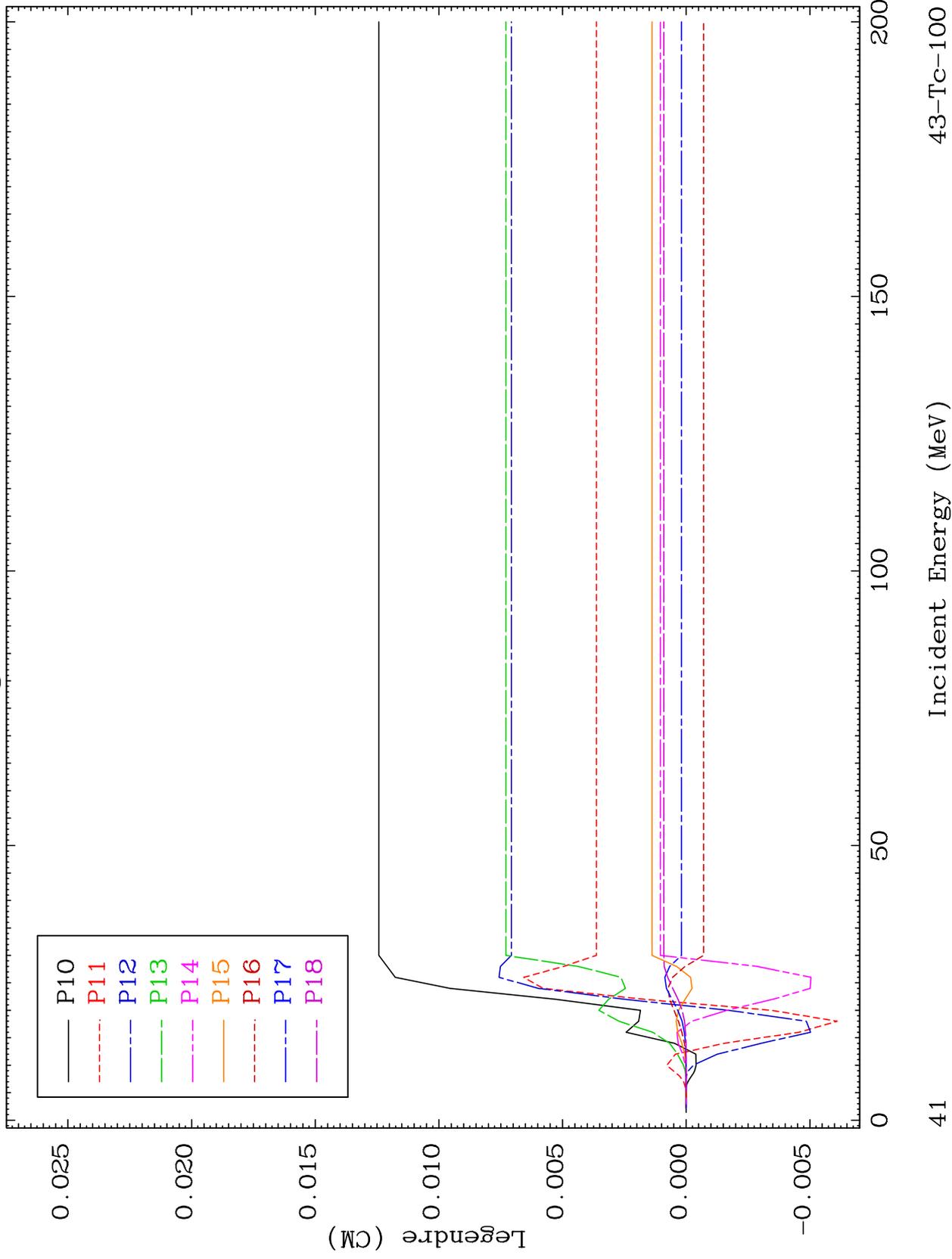
43-Tc-100



MAT 4328

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

43-Tc-100



41

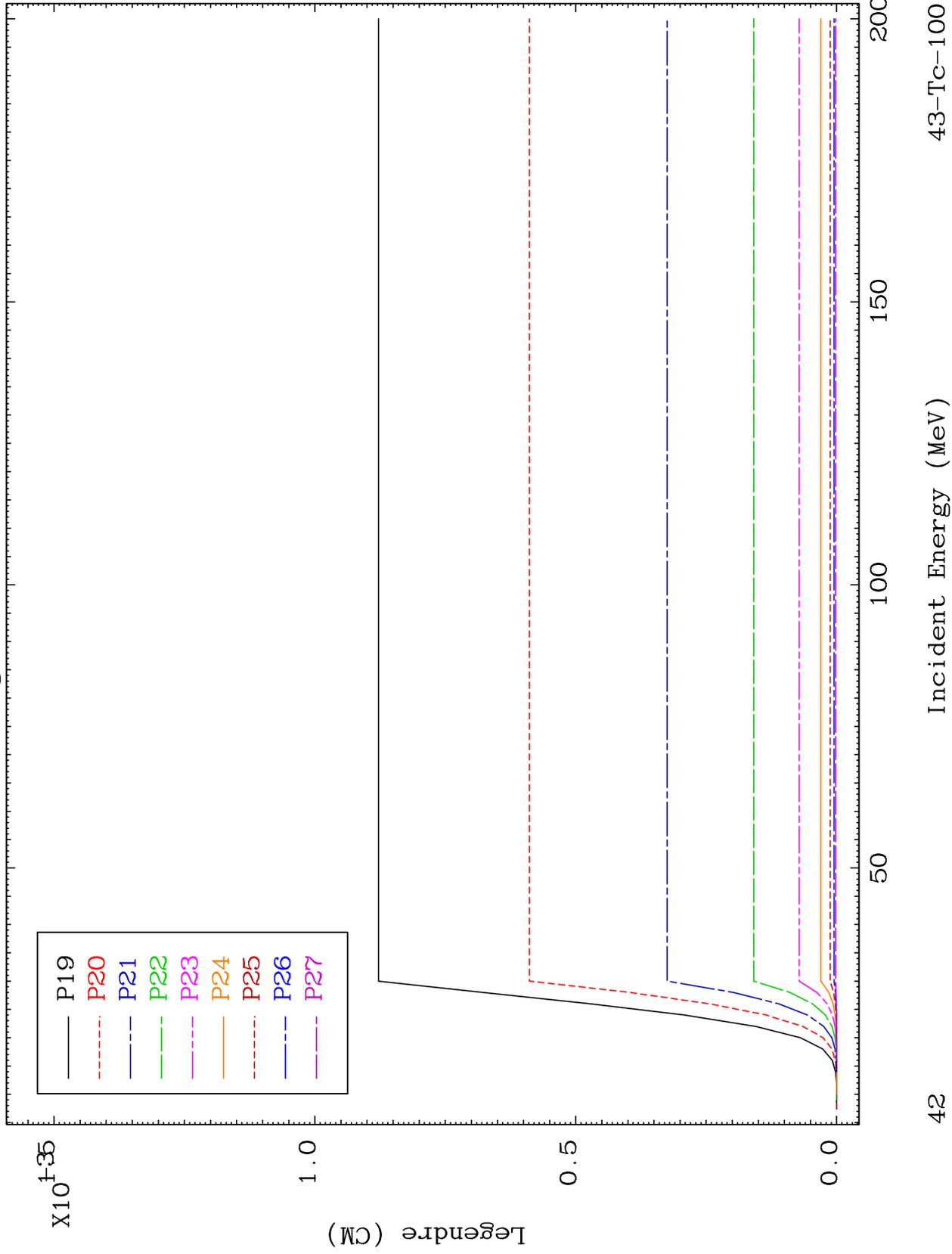
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



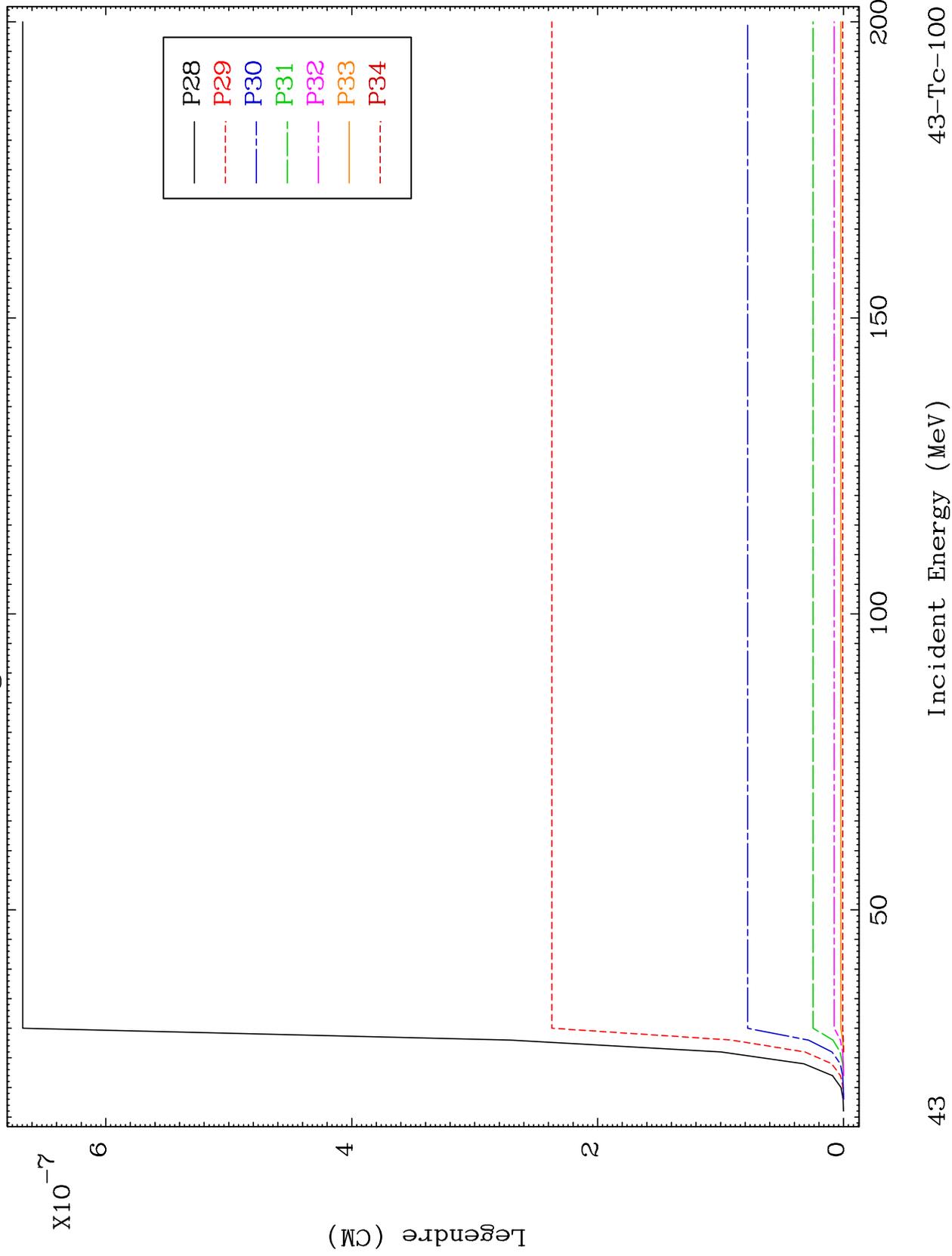
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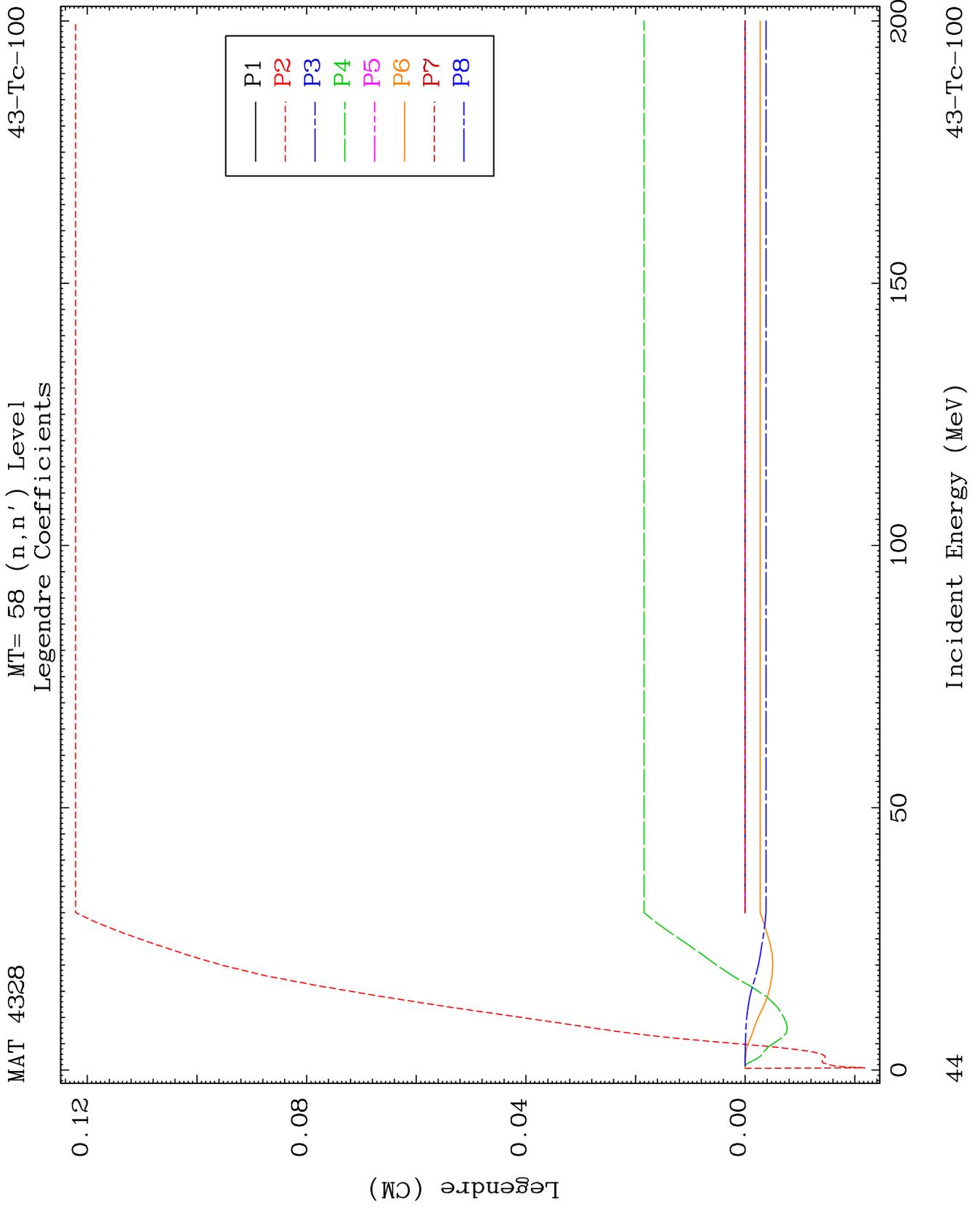
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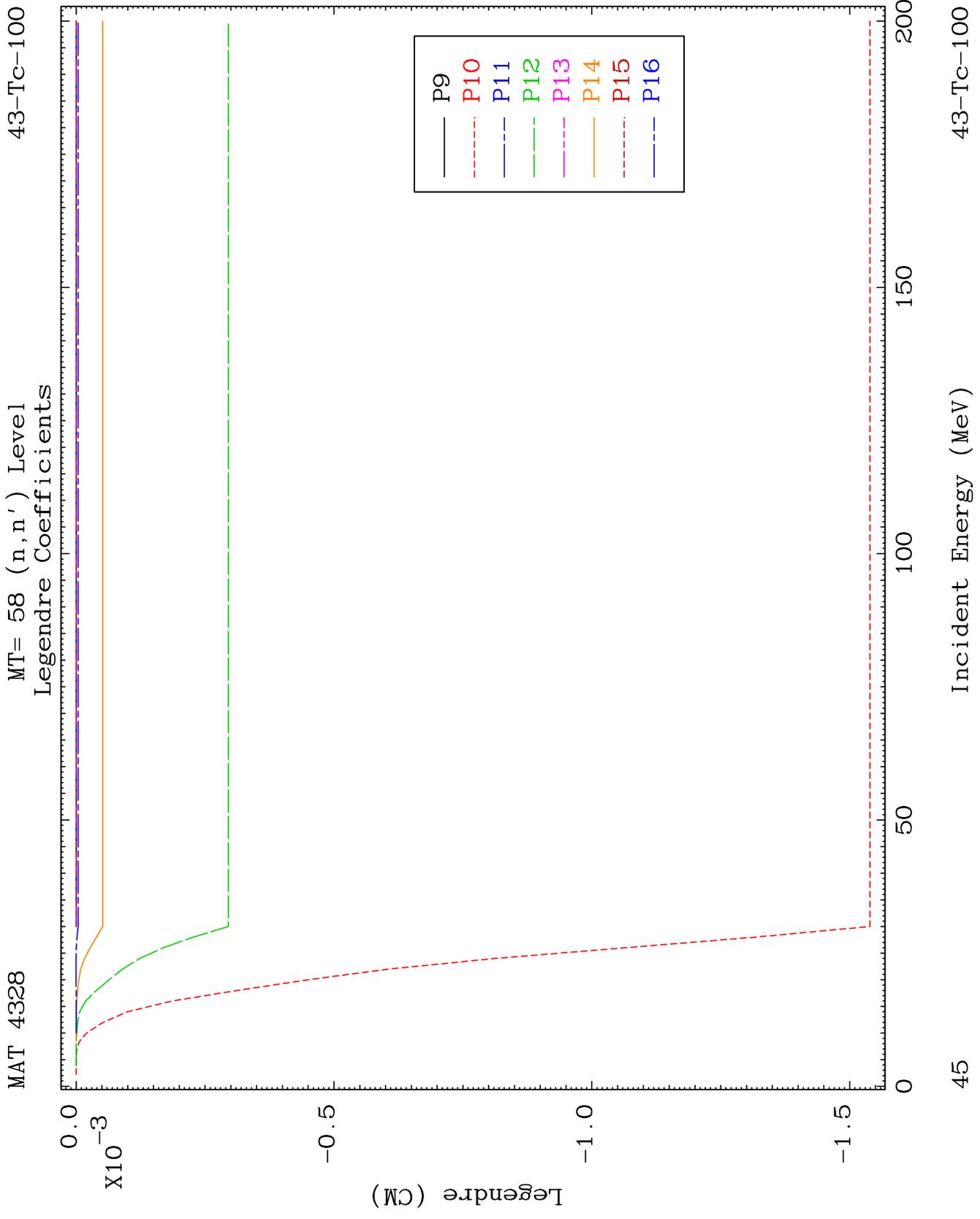
MAT 4328

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

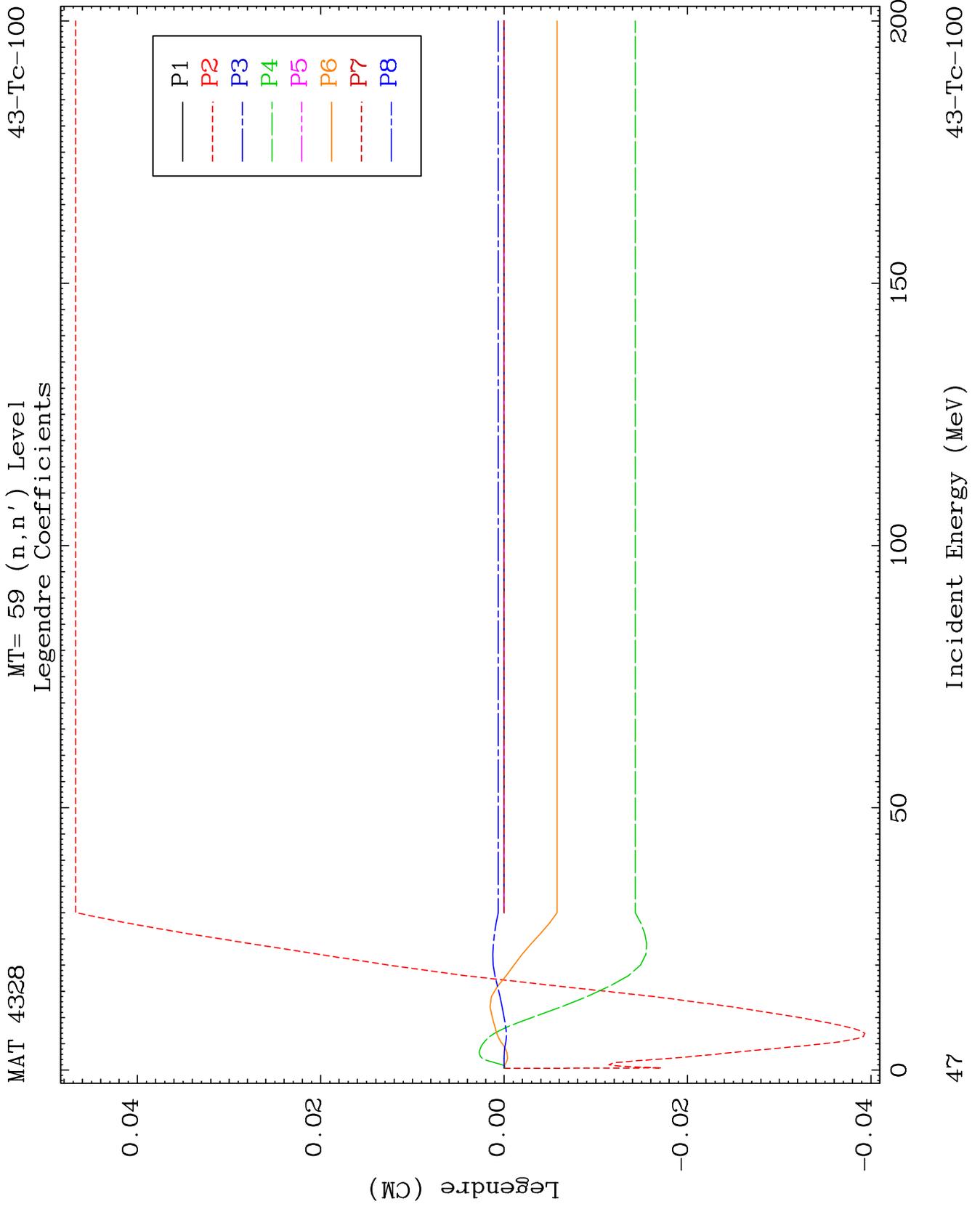
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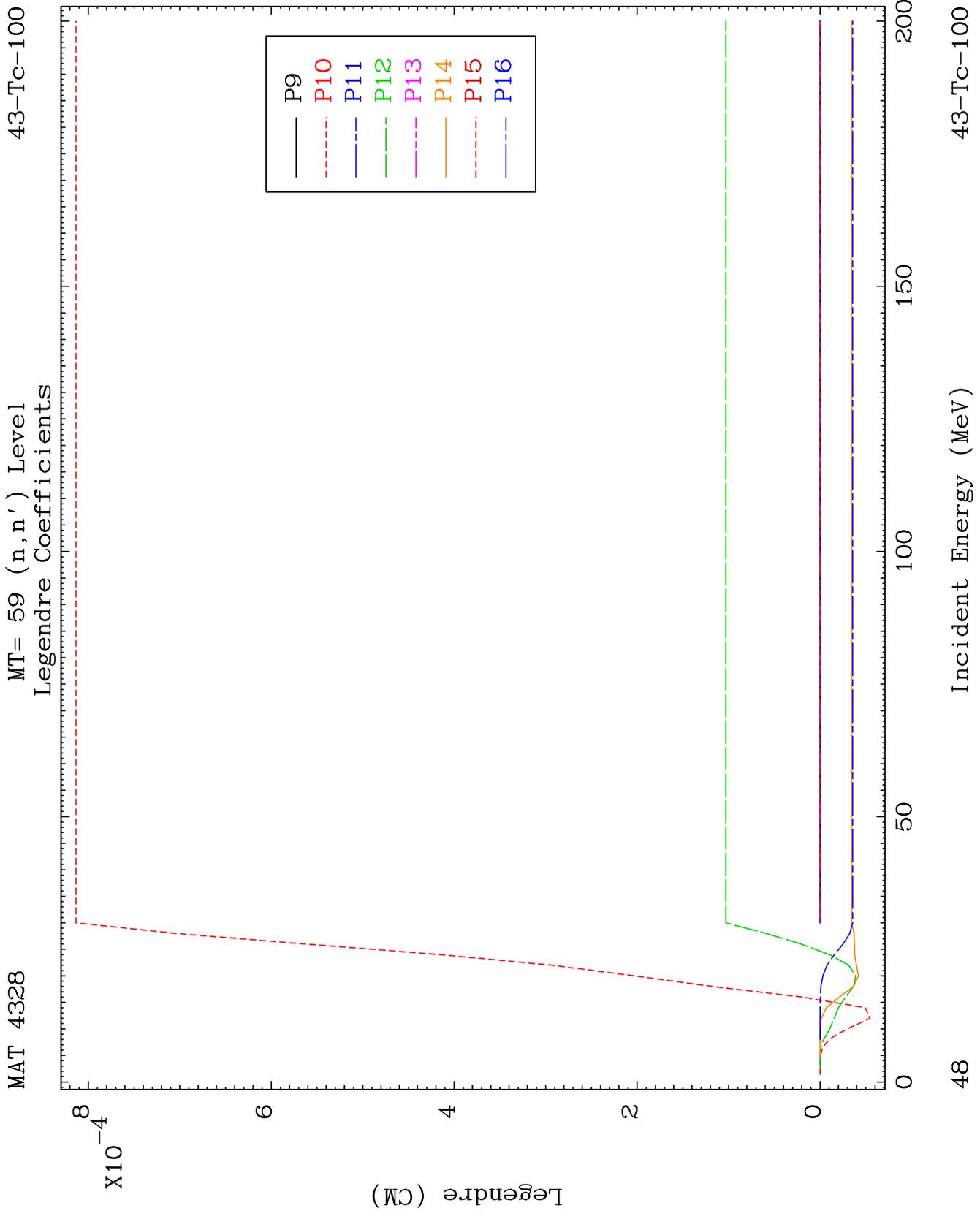








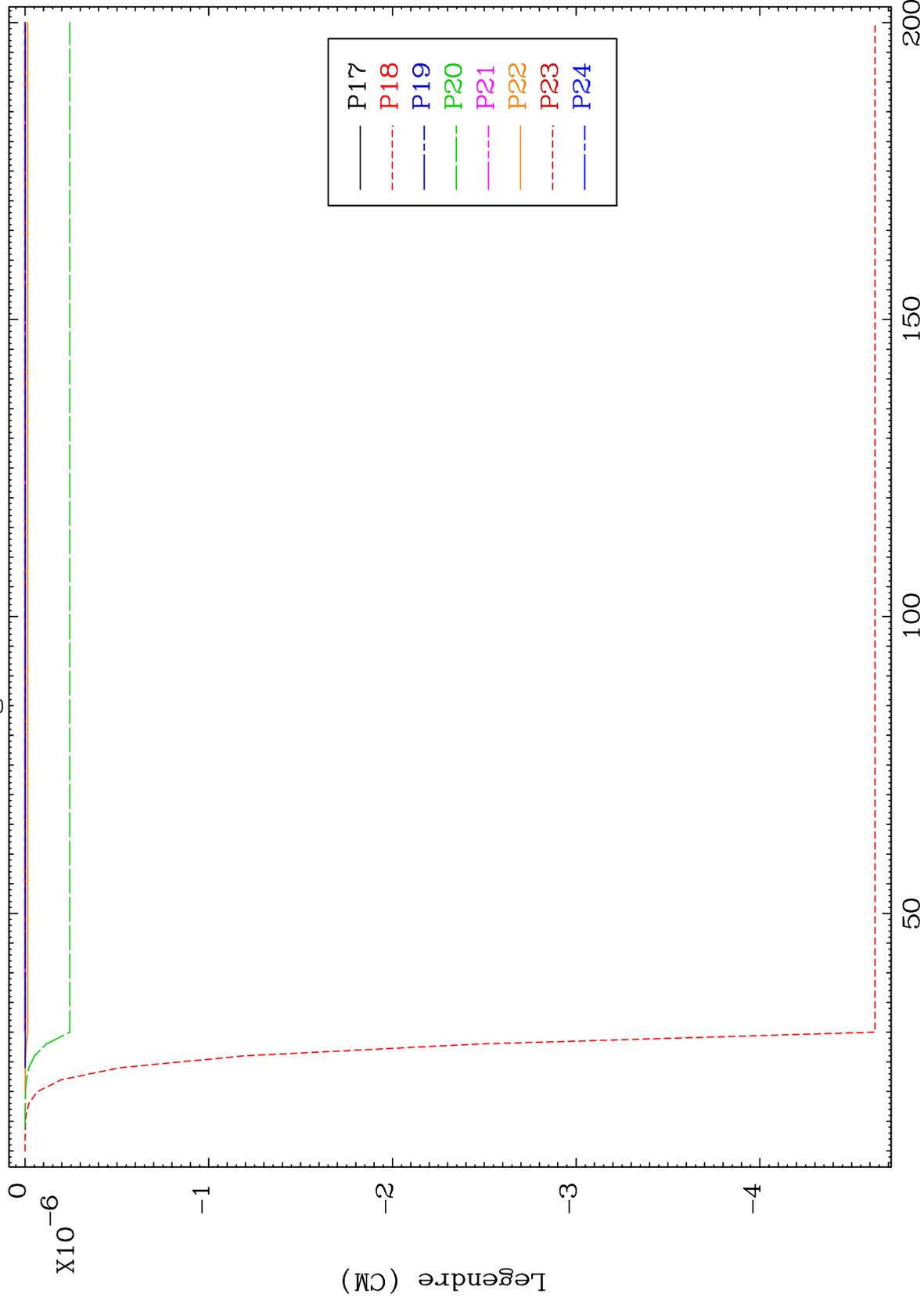




MAT 4328

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Legendre Coefficients

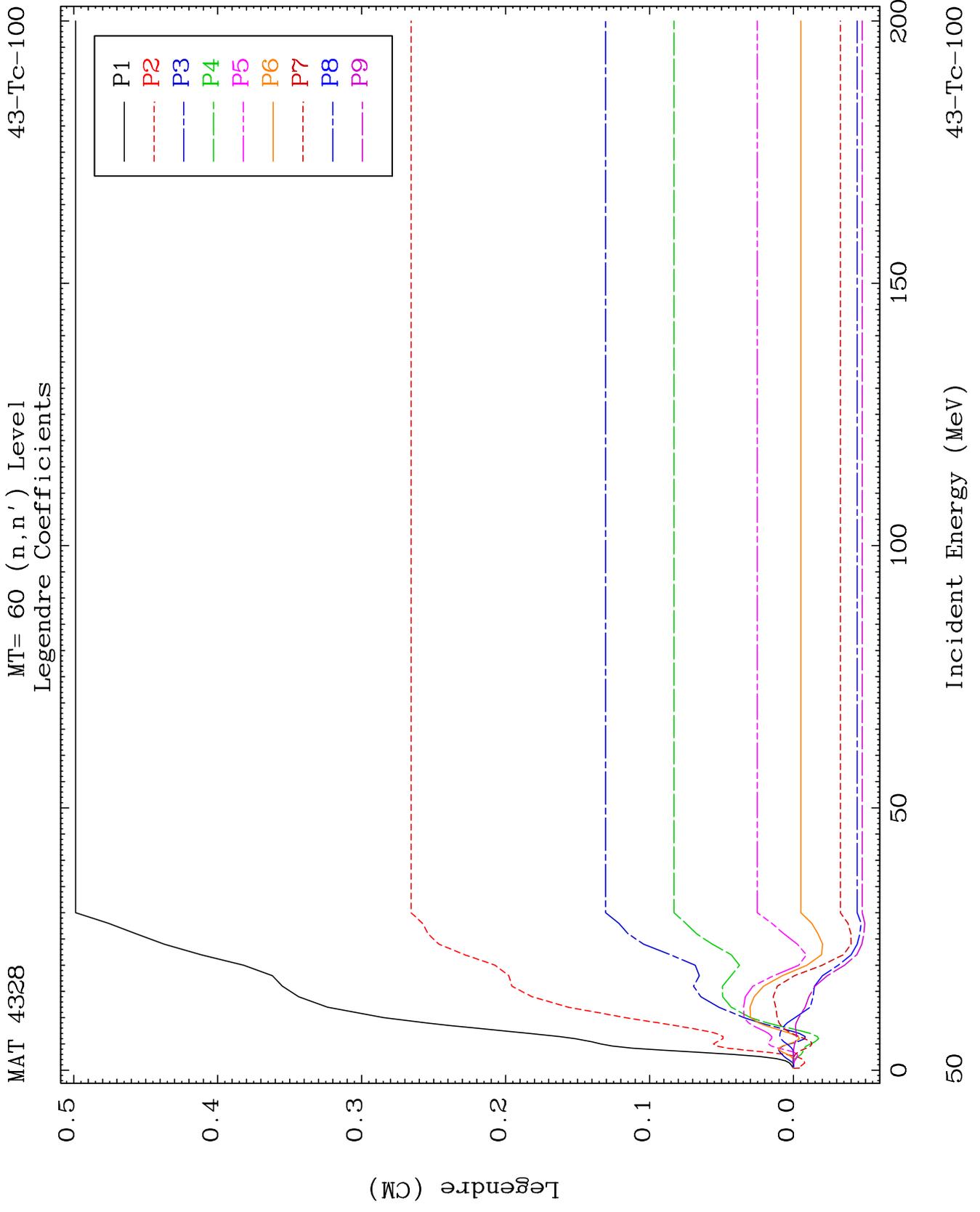
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49

Incident Energy (MeV)

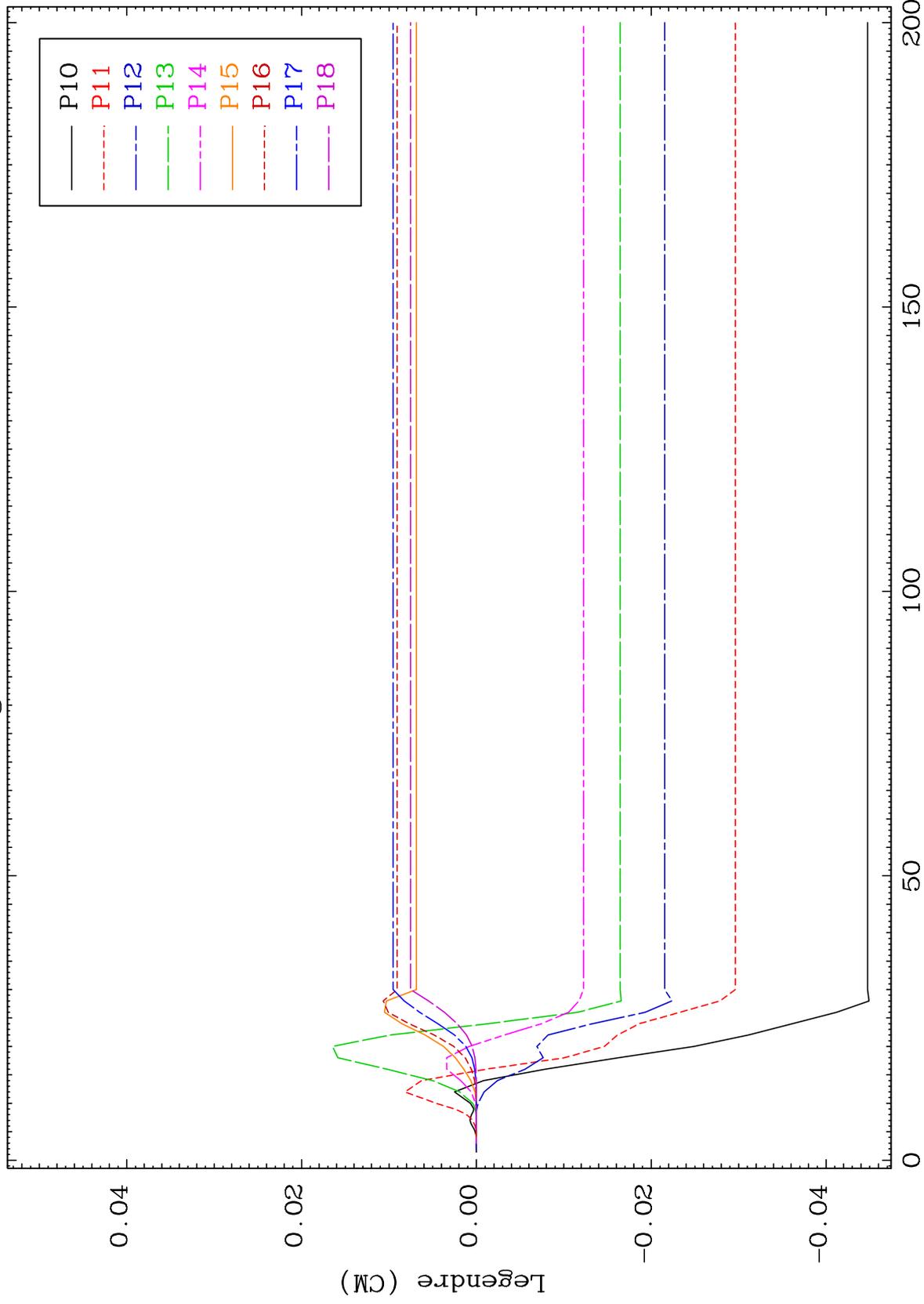
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MAT 4328

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

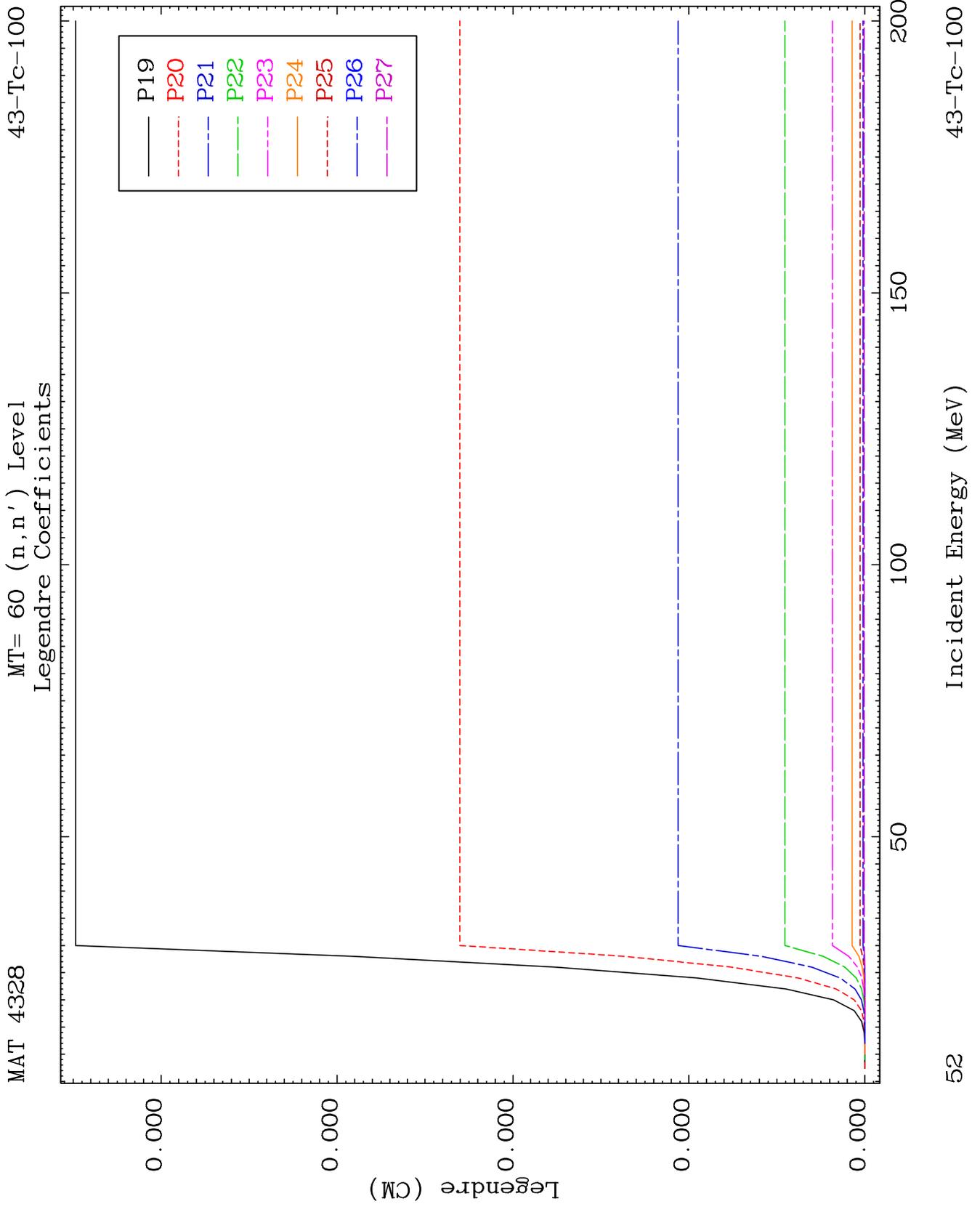
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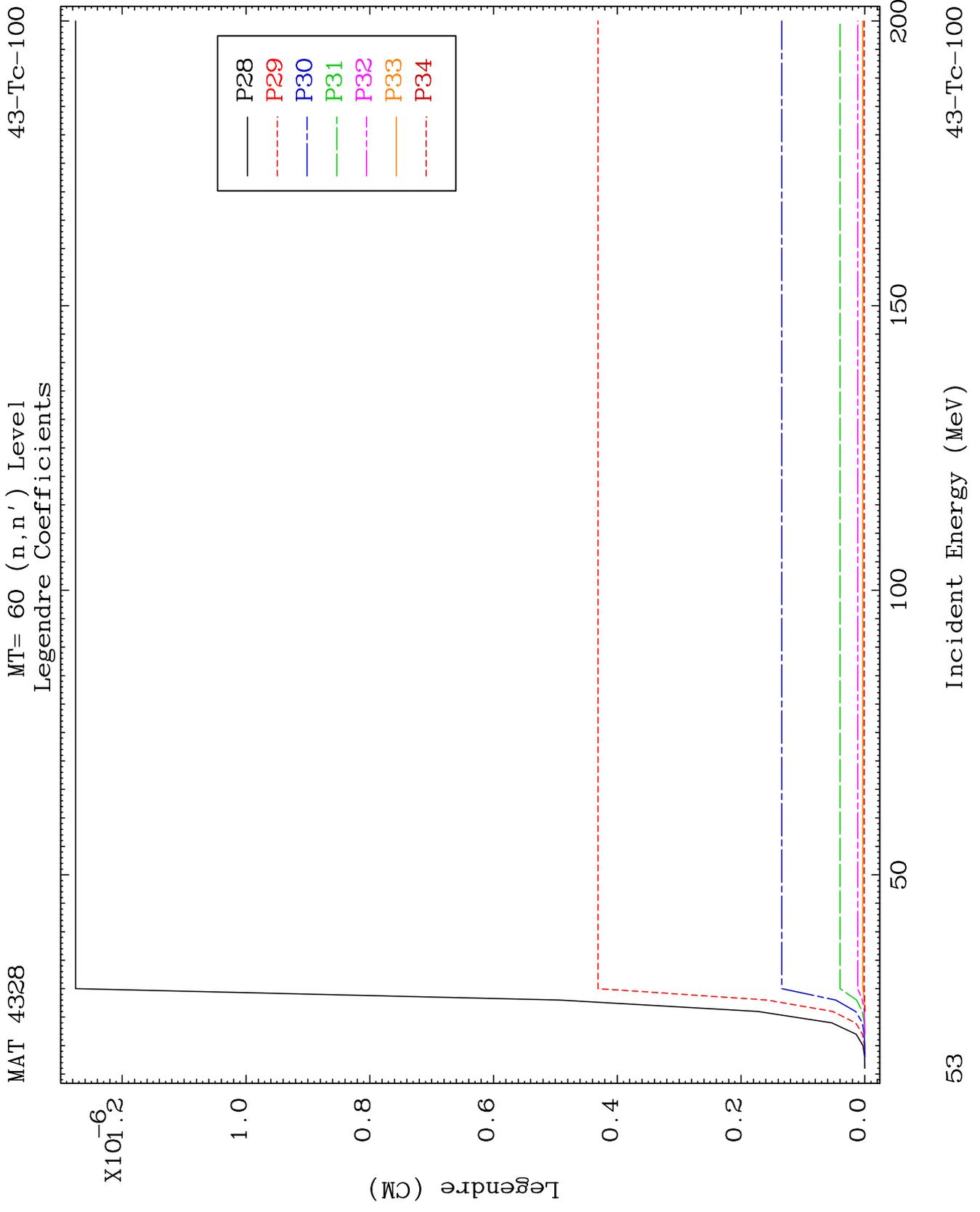


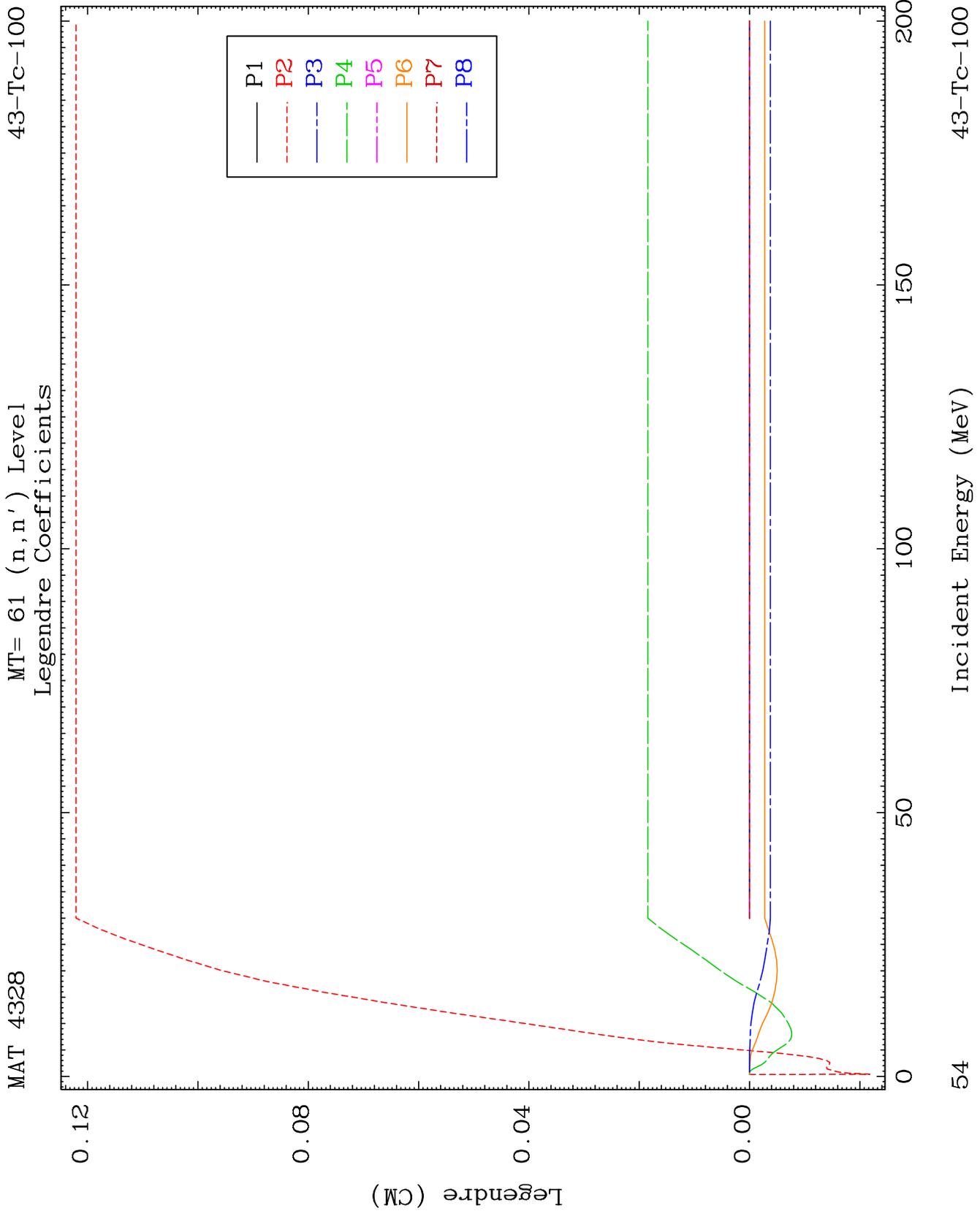
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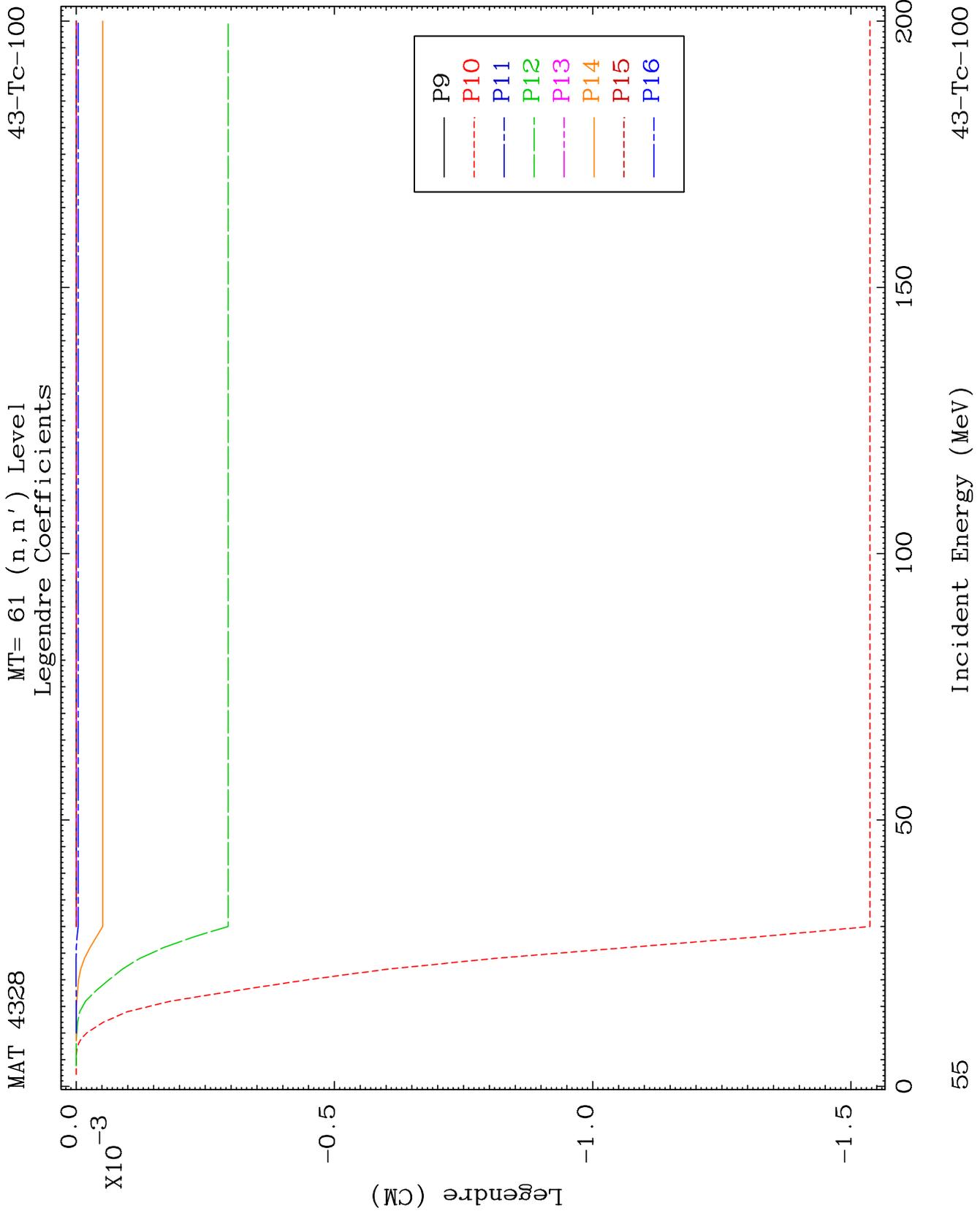
Incident Energy (MeV)

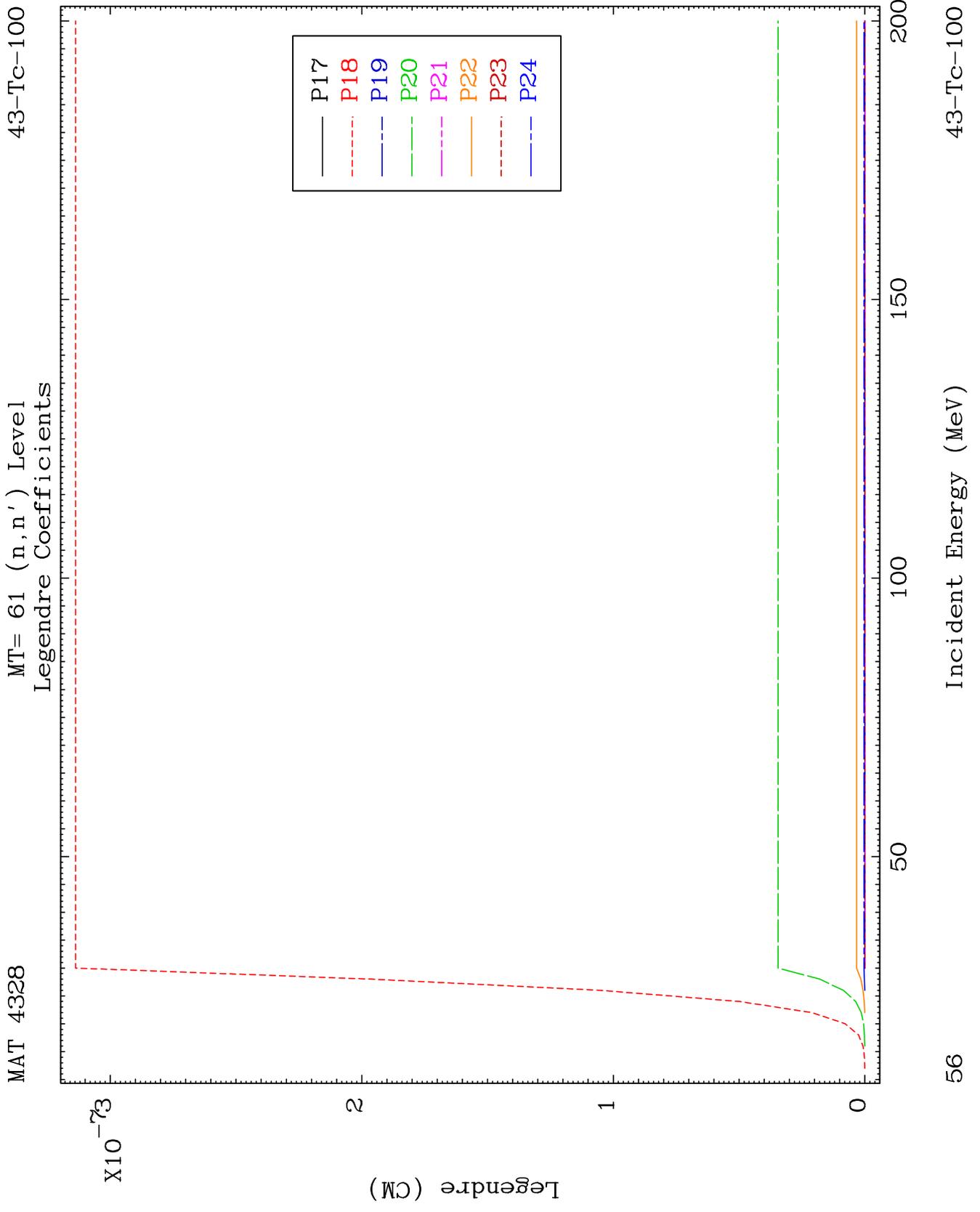
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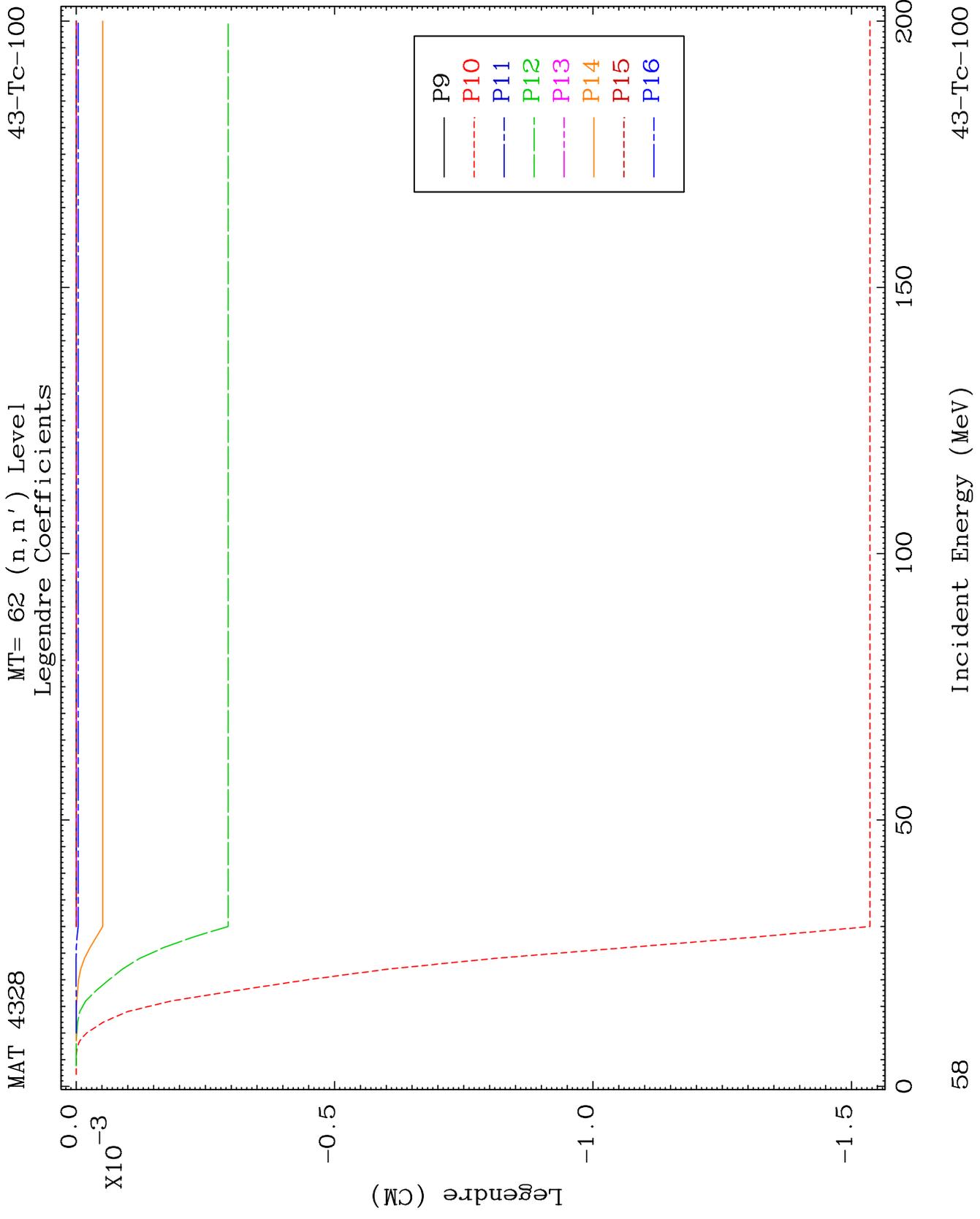


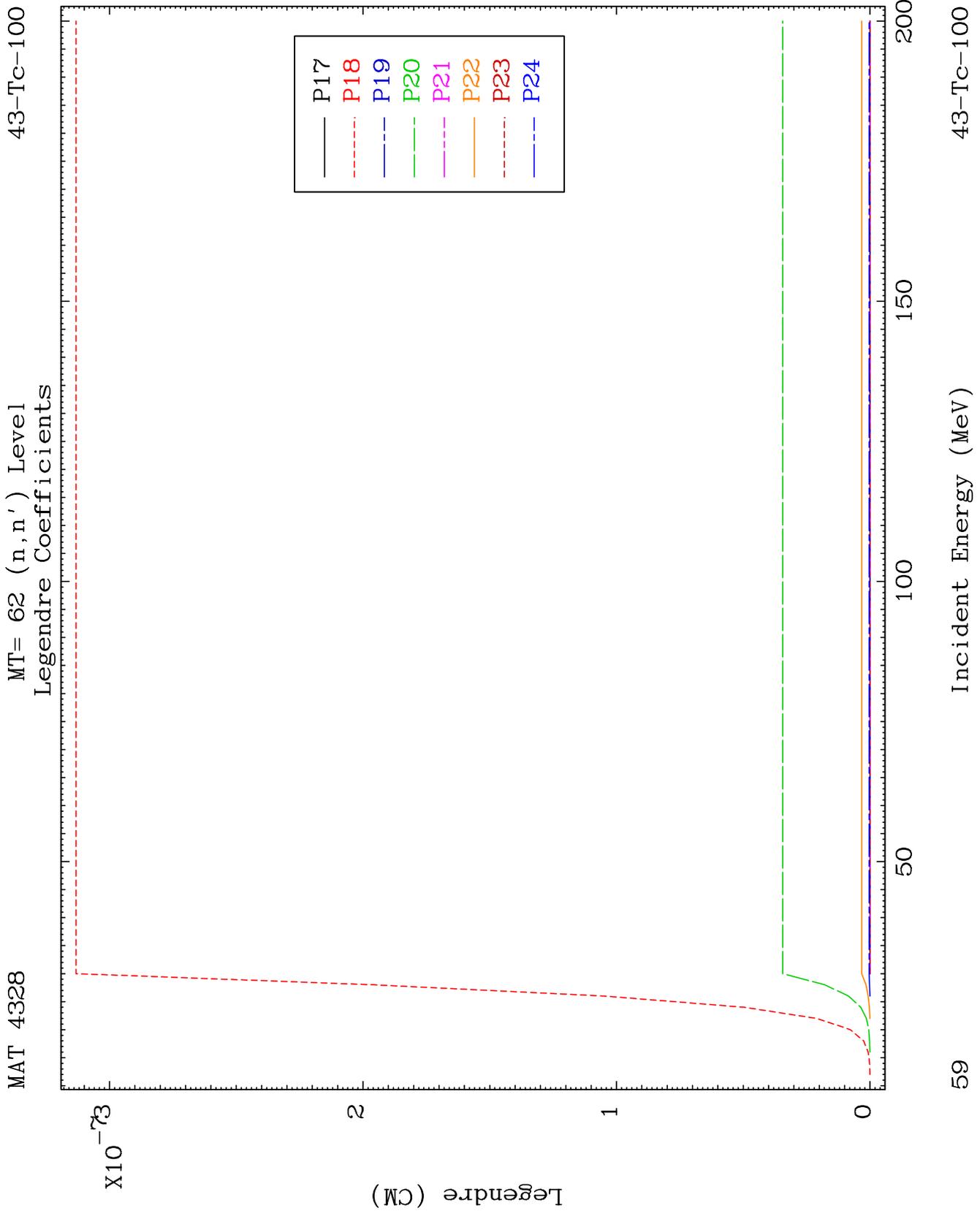


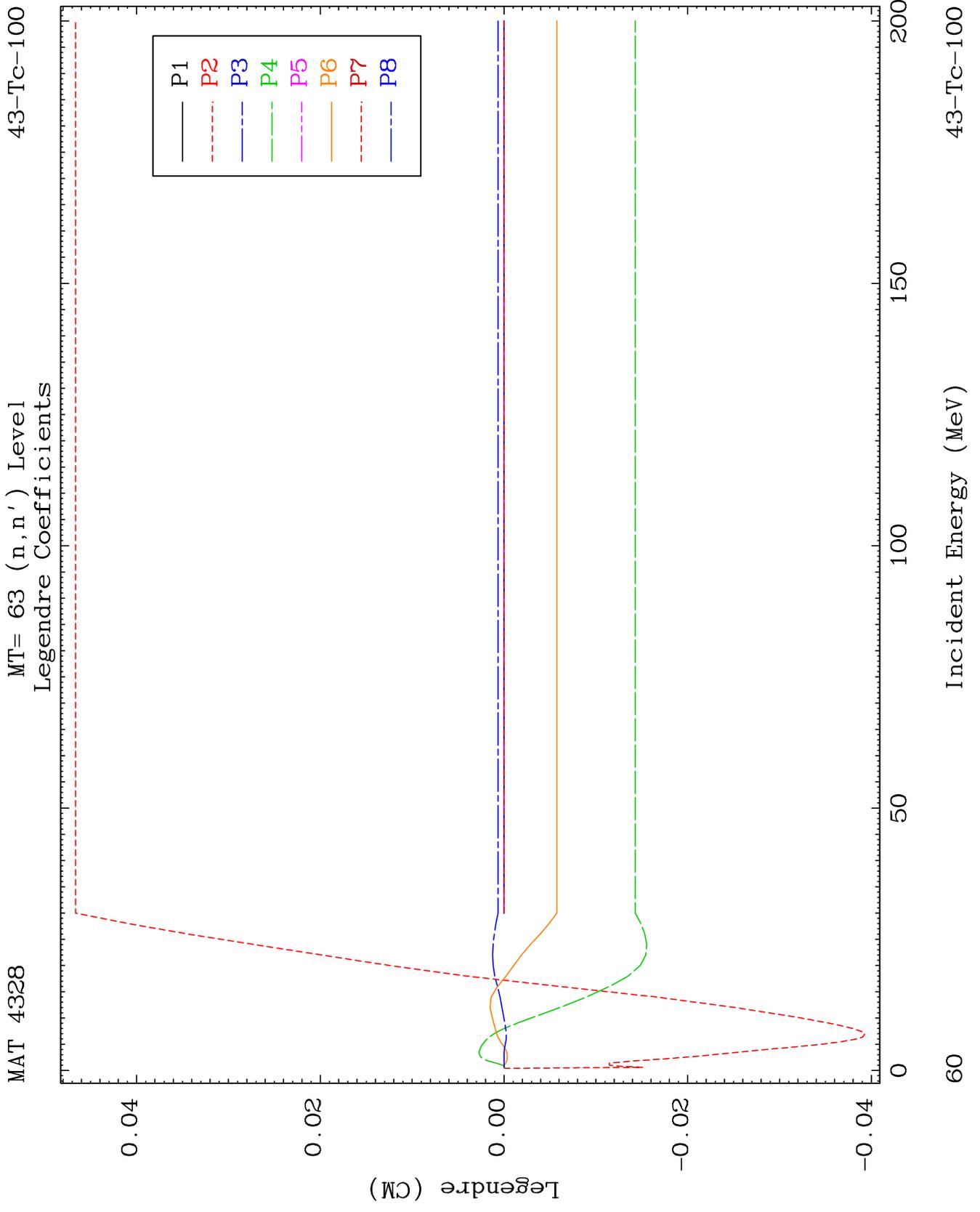


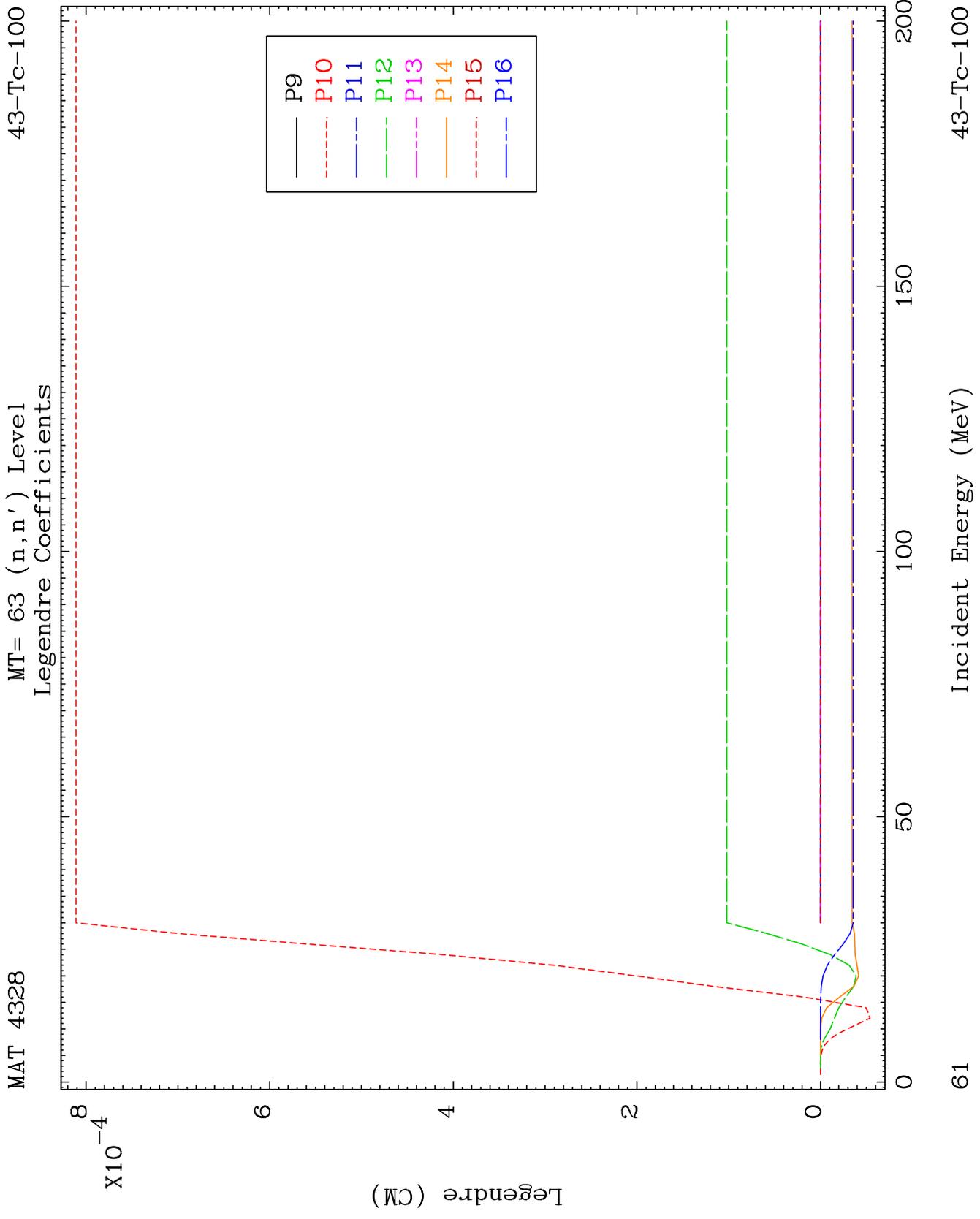


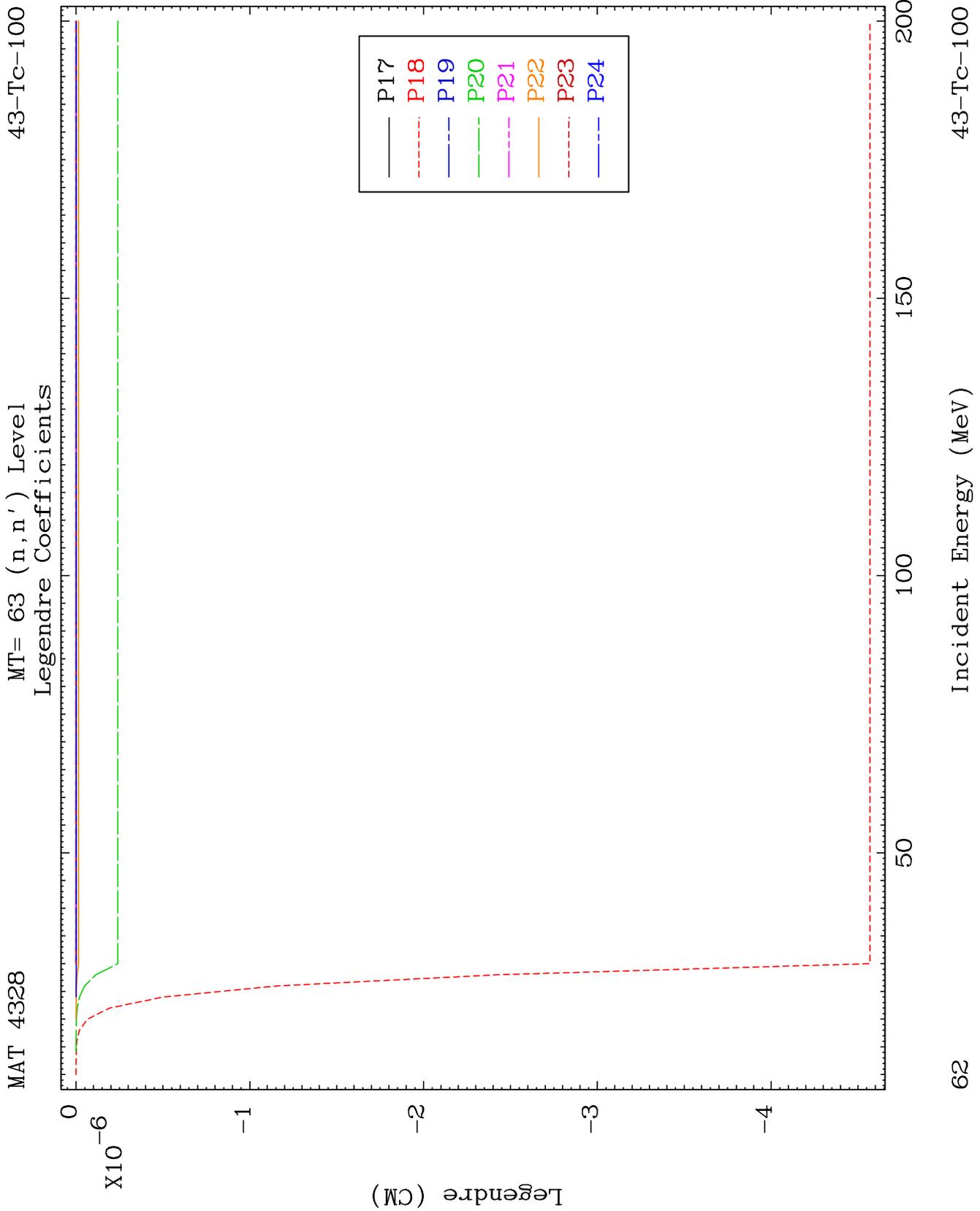


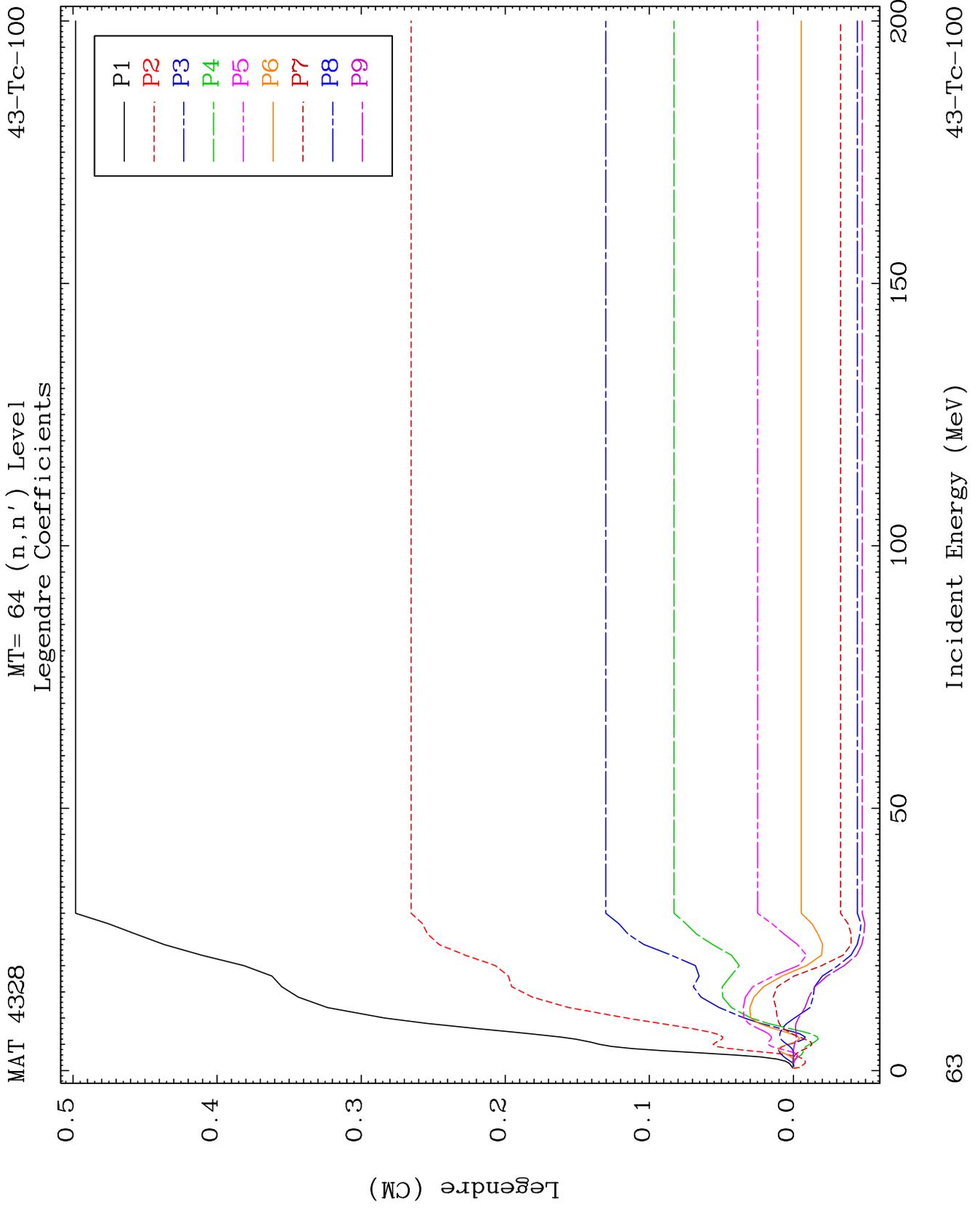


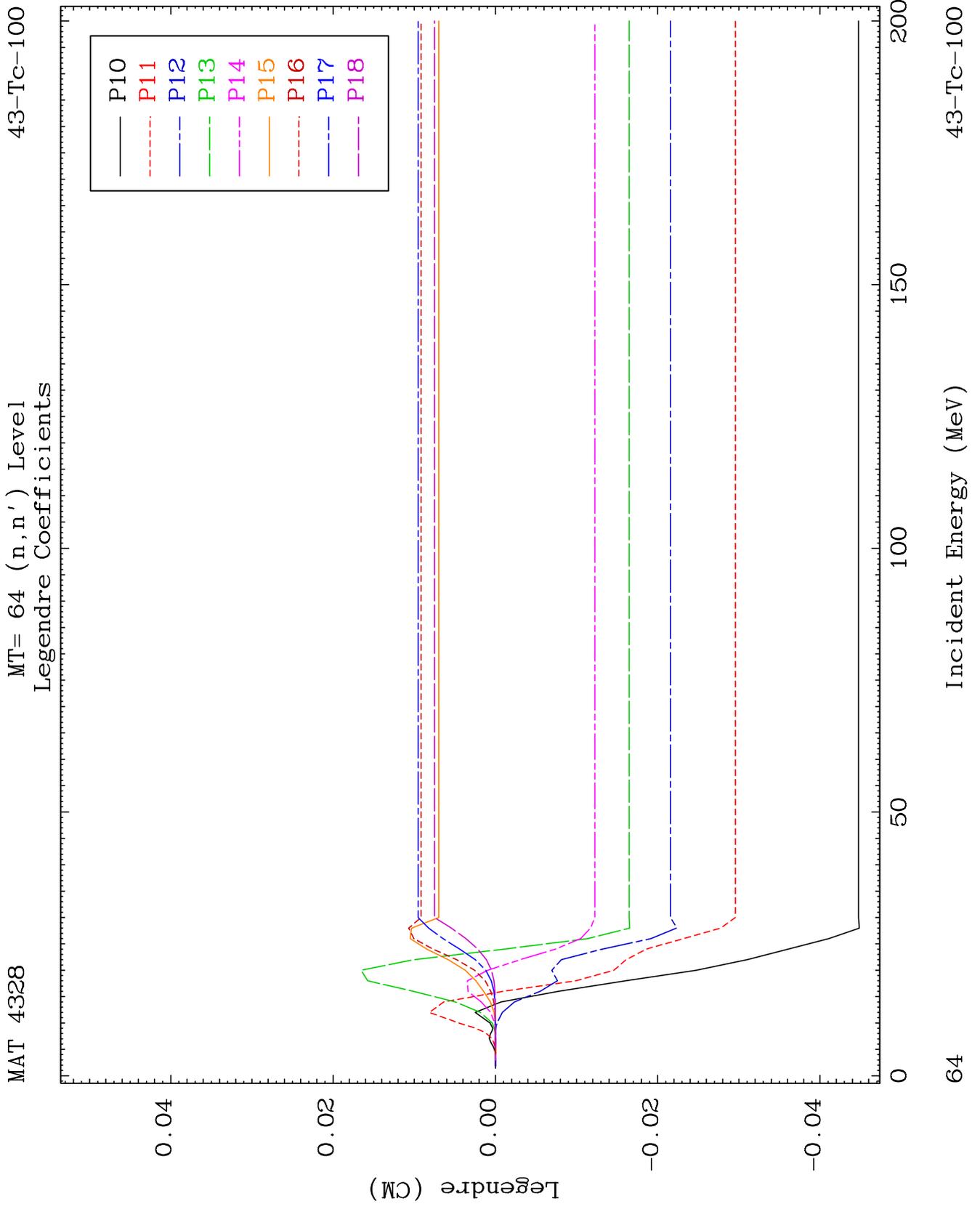








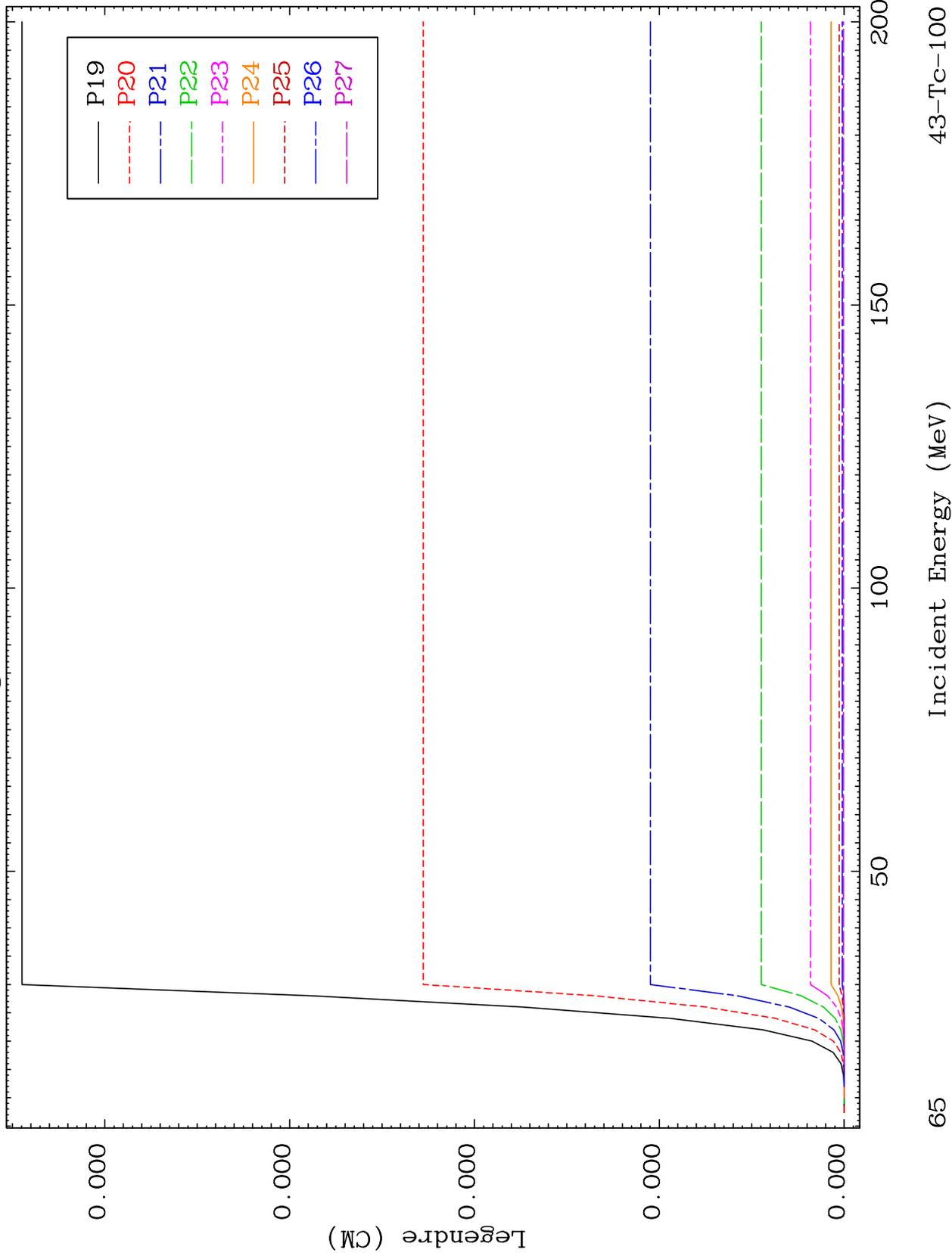




MAT 4328

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

43-Tc-100



65

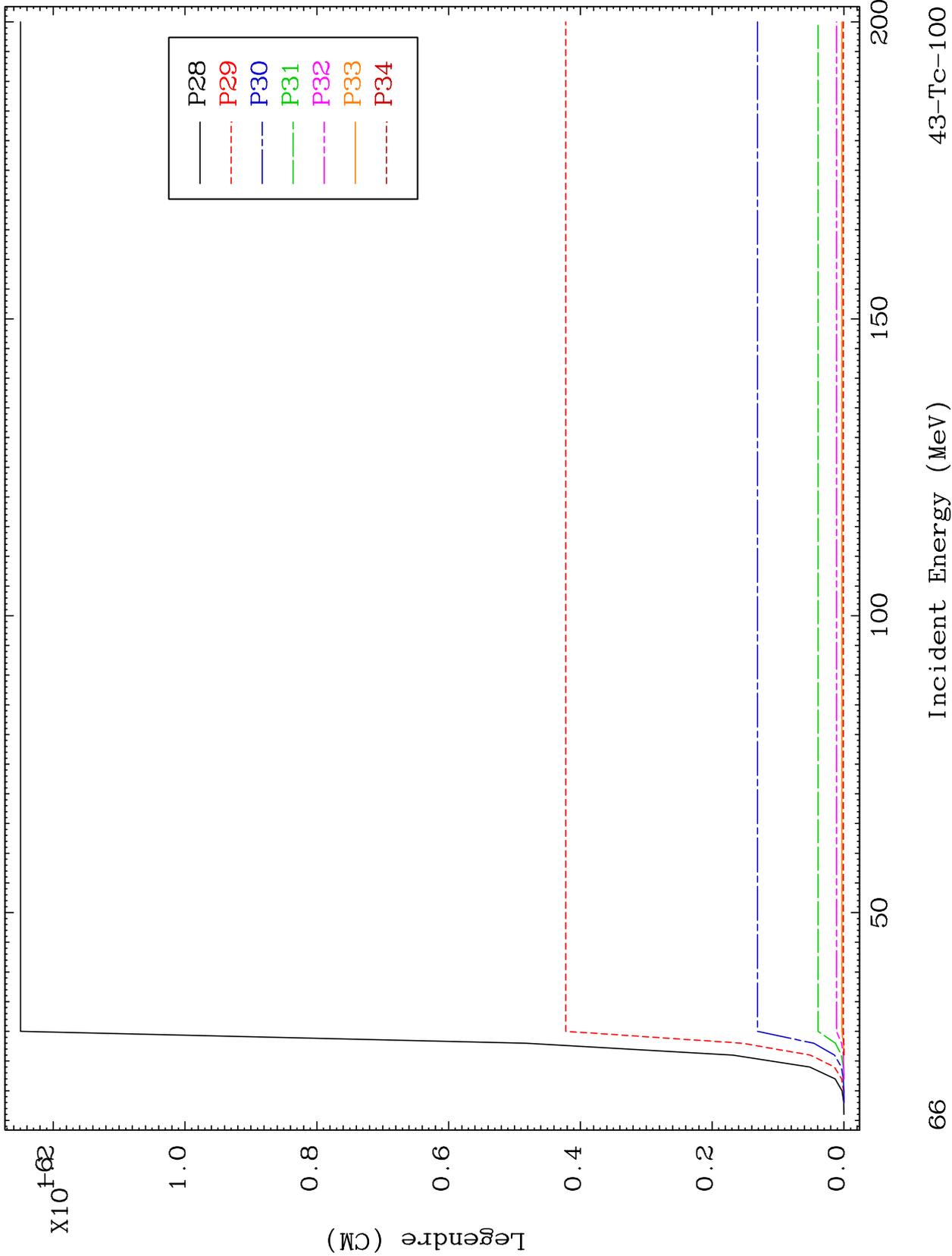
Incident Energy (MeV)

43-Tc-100

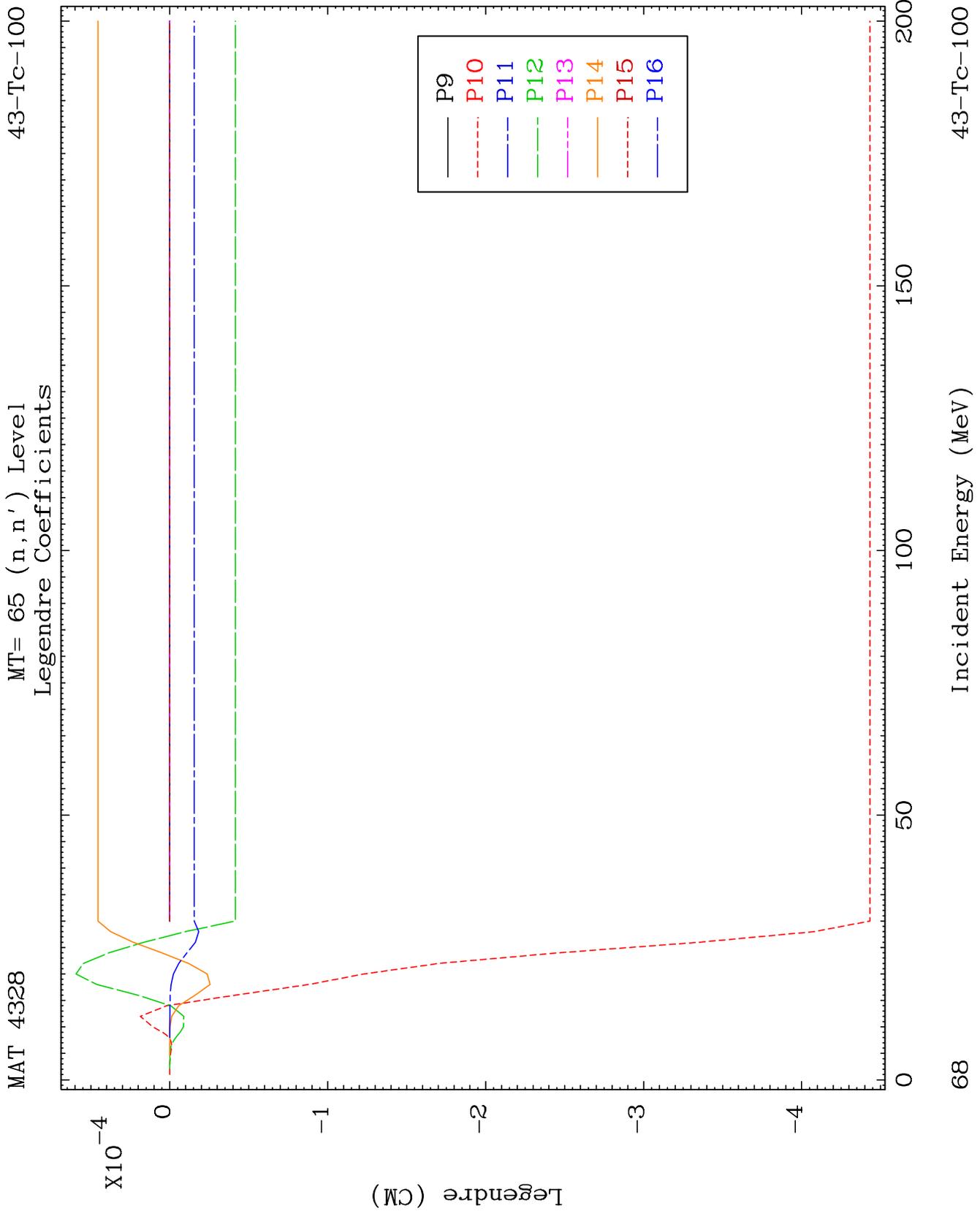
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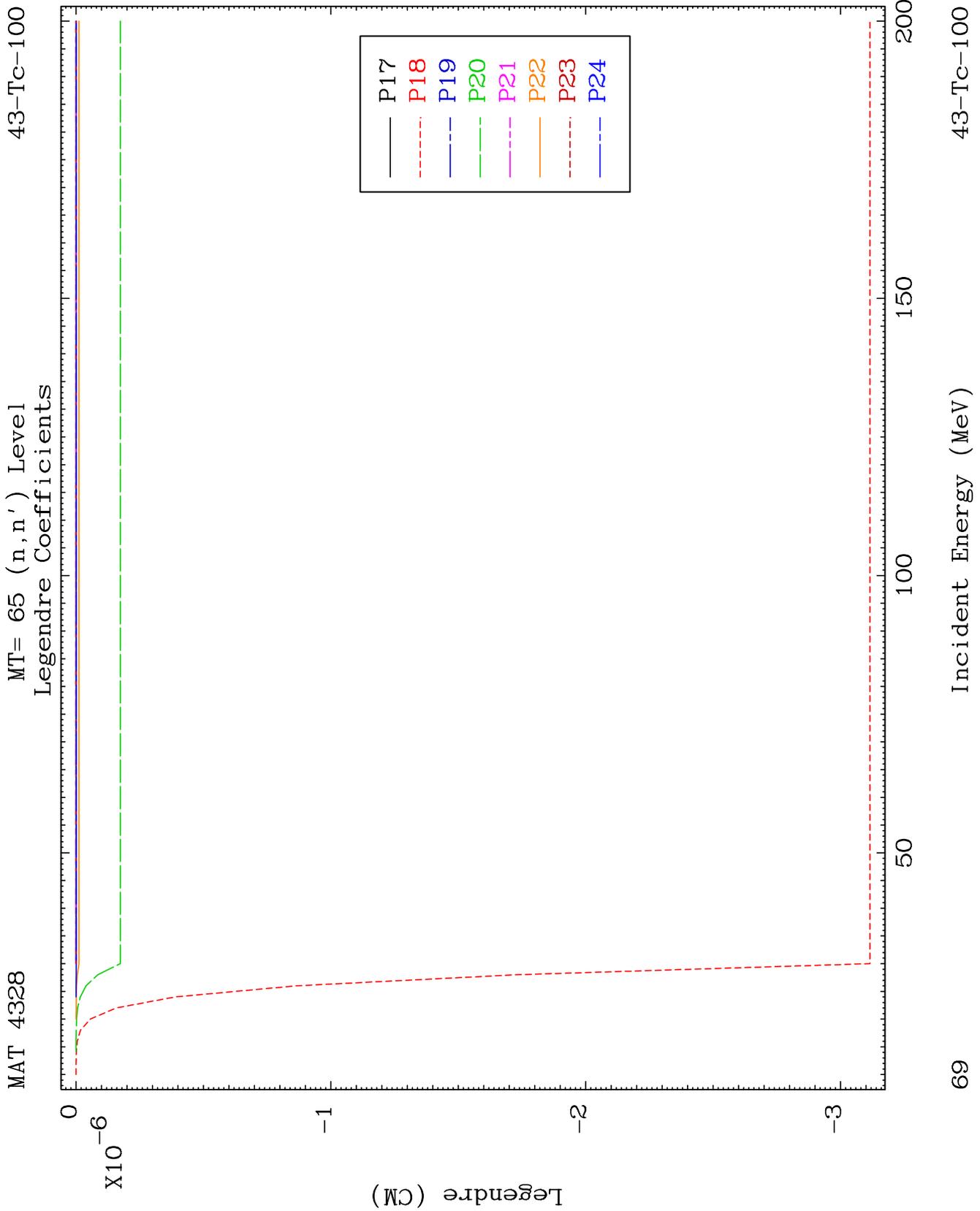
MT= 64 (n,n') Level  
Legendre Coefficients

43-Tc-100





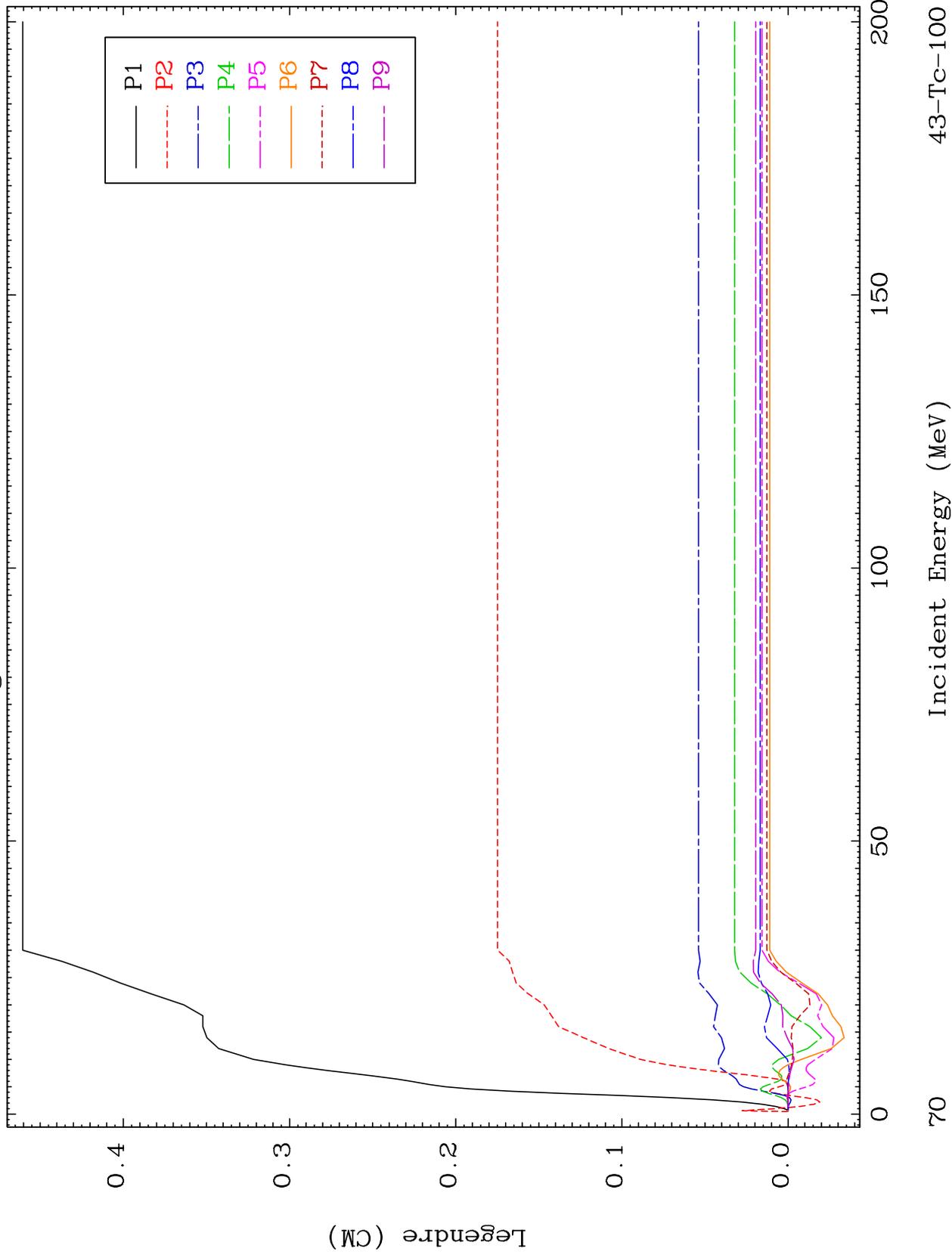




MAT 4328

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

43-Tc-100



43-Tc-100

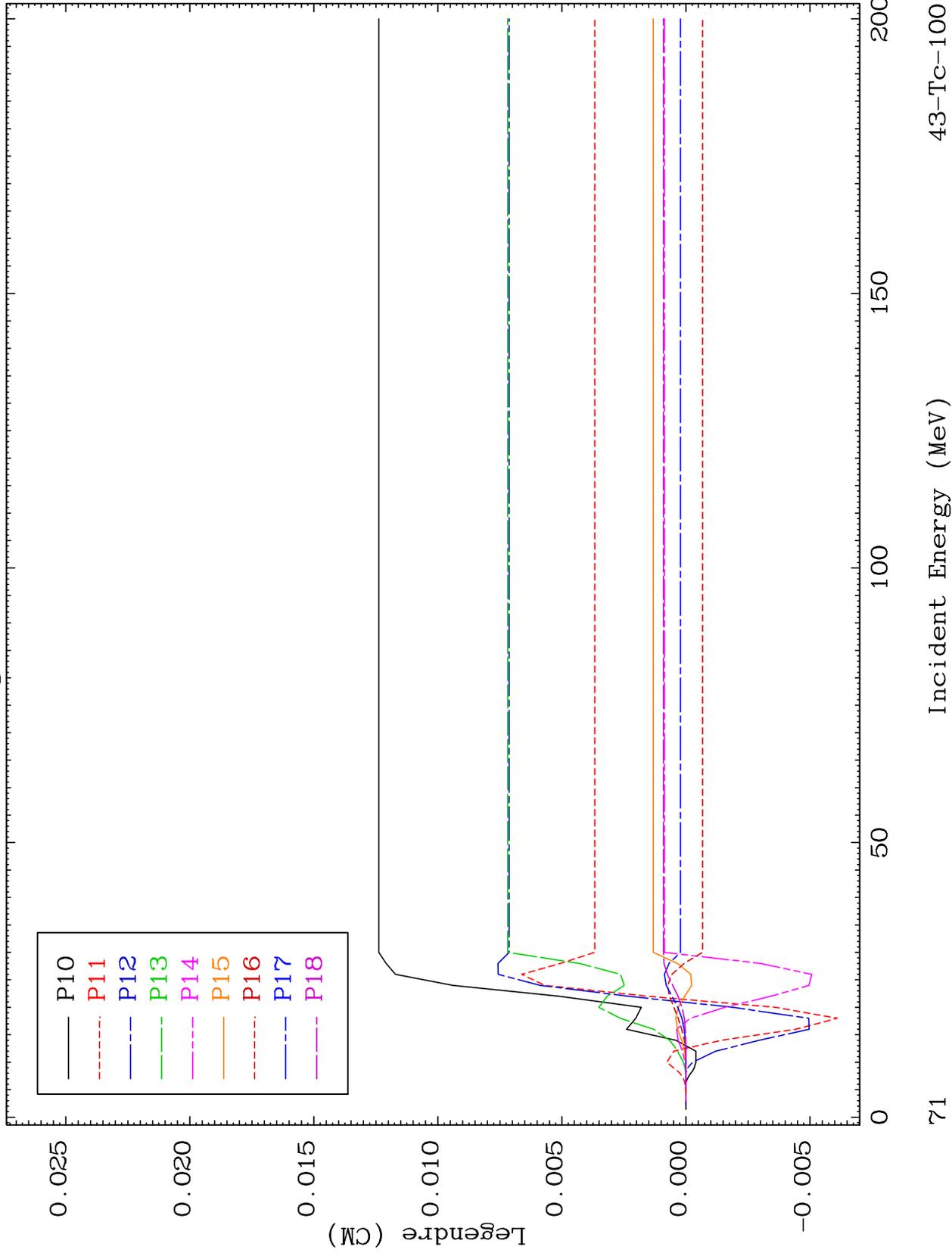
Incident Energy (MeV)

70

MAT 4328

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

43-Tc-100



71

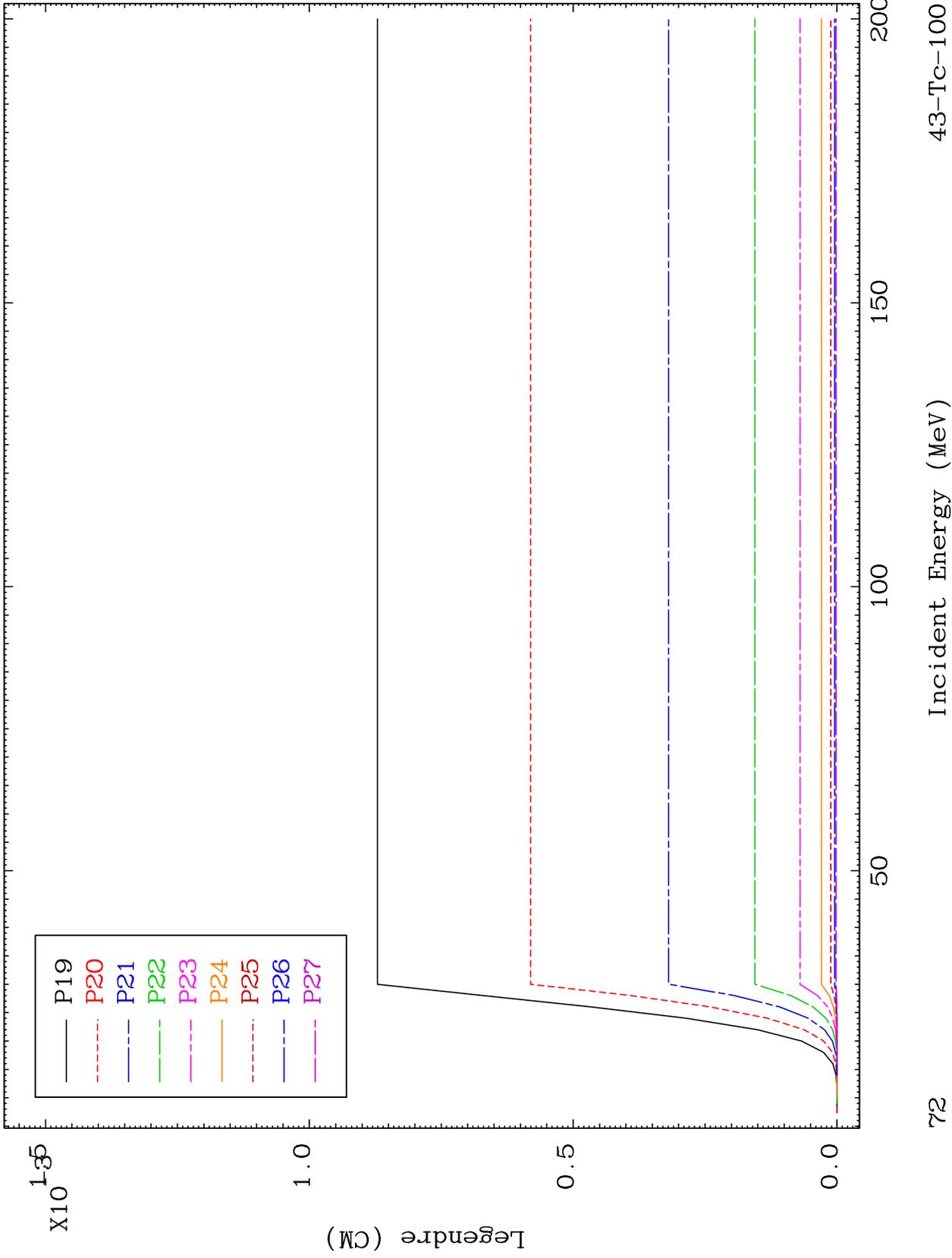
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



72

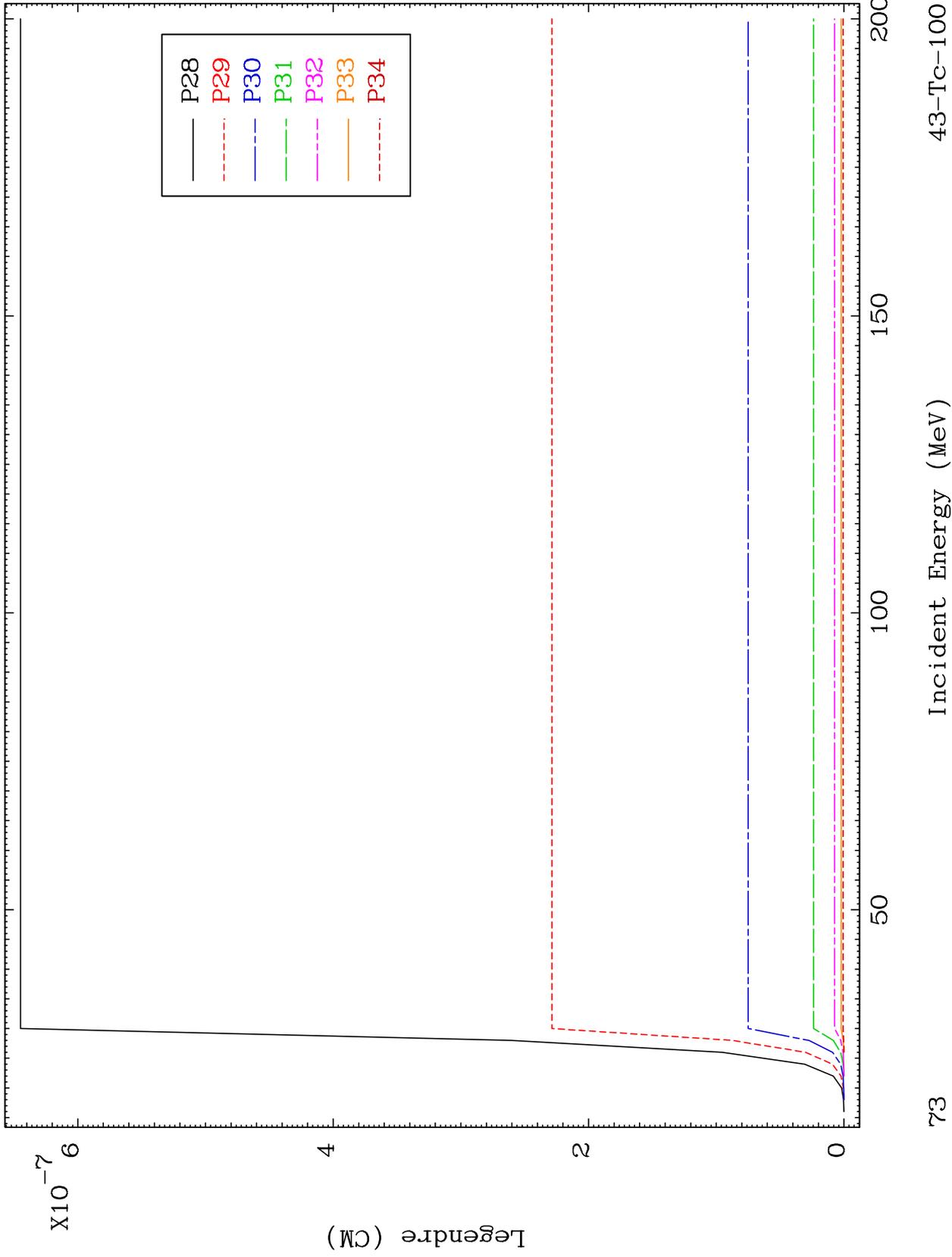
Incident Energy (MeV)

43-Tc-100

MAT 4328

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

43-Tc-100



73

Incident Energy (MeV)

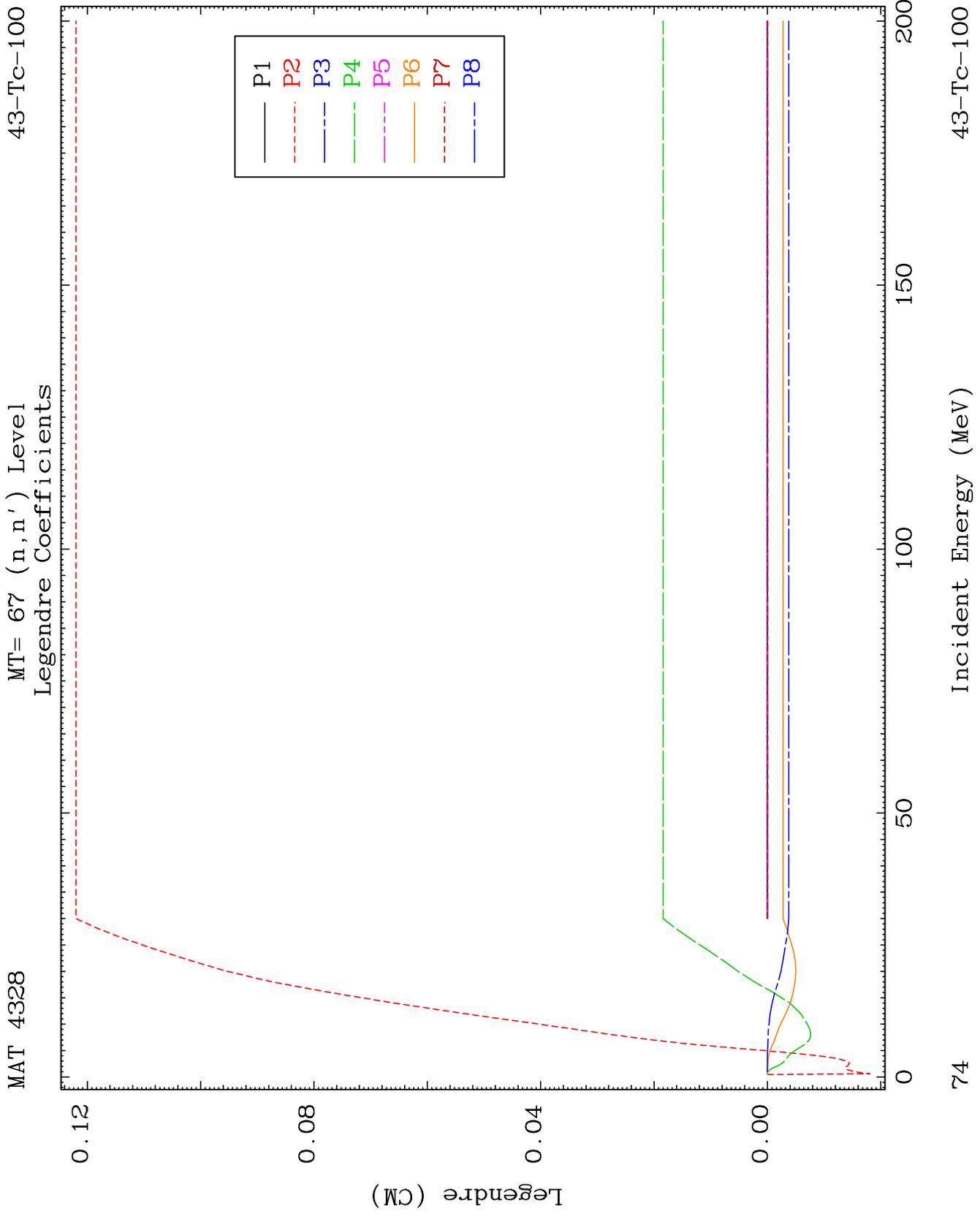
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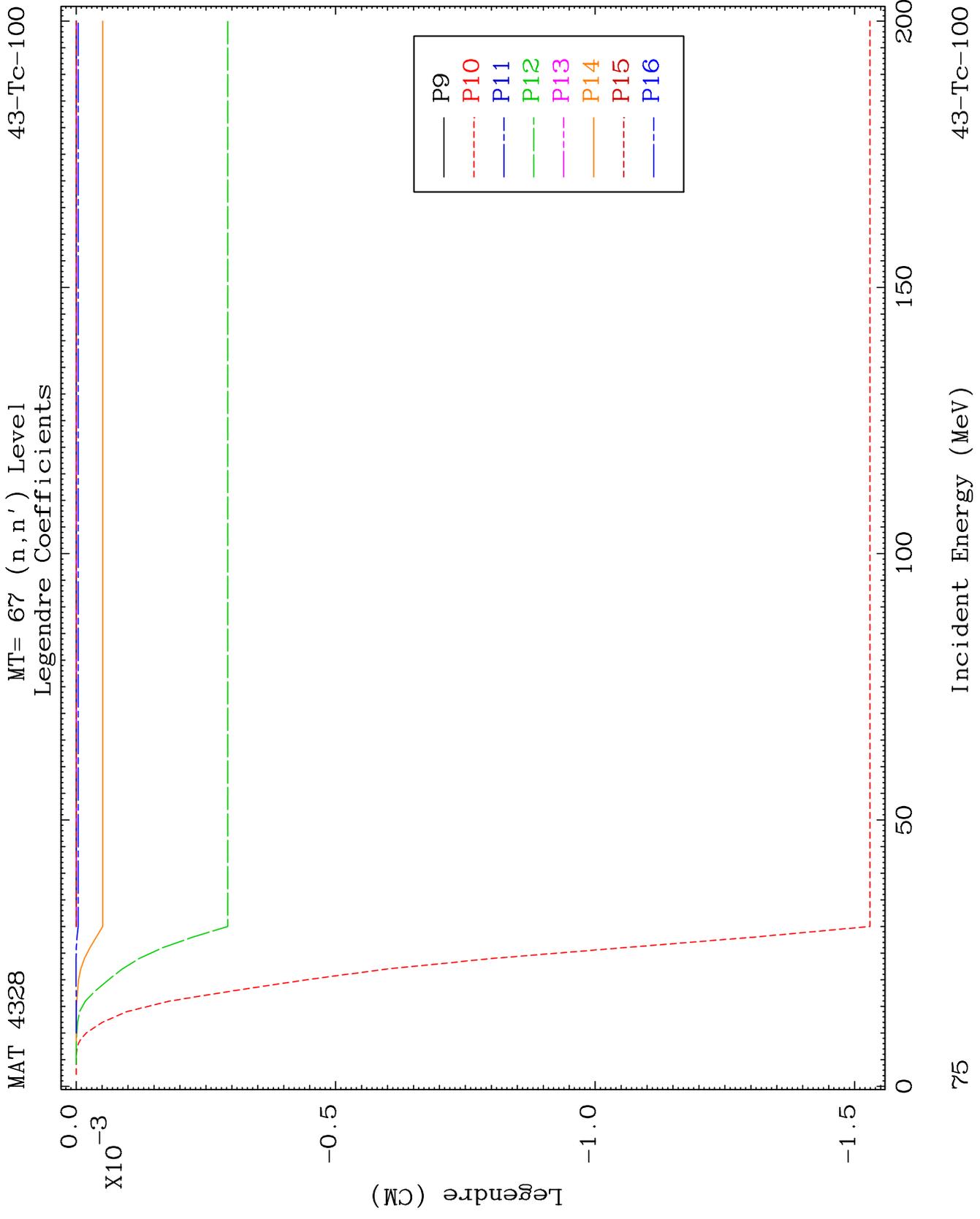
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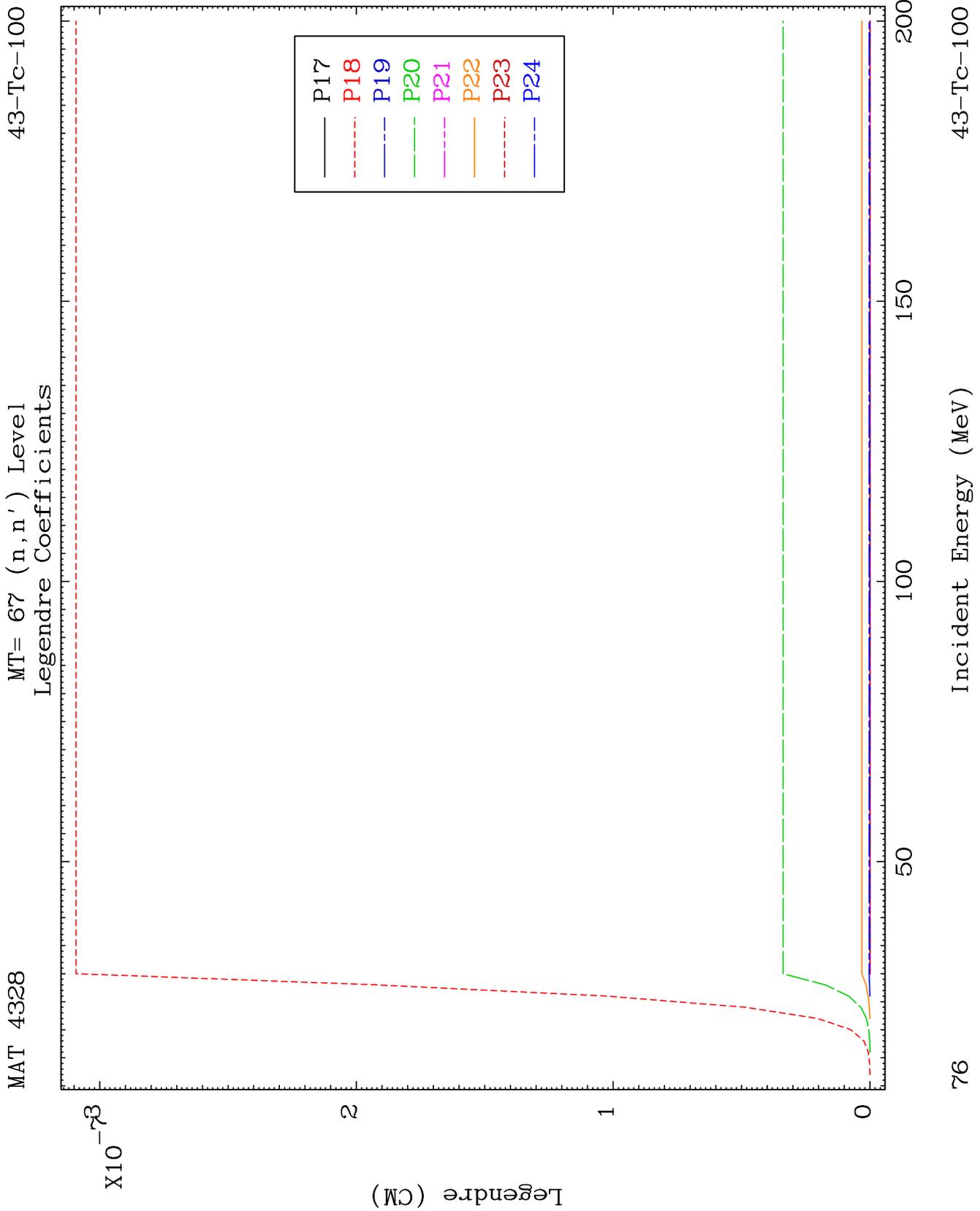
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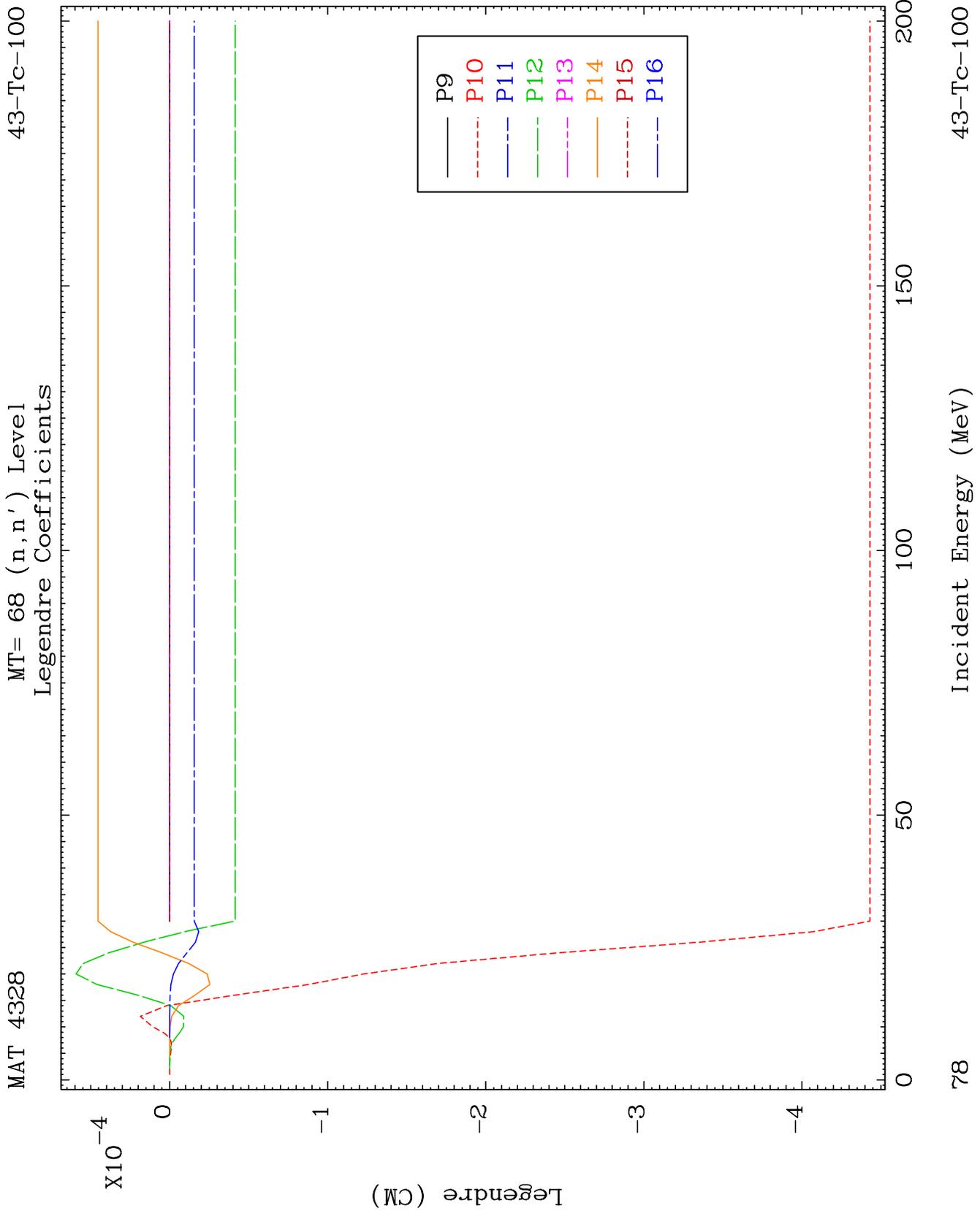
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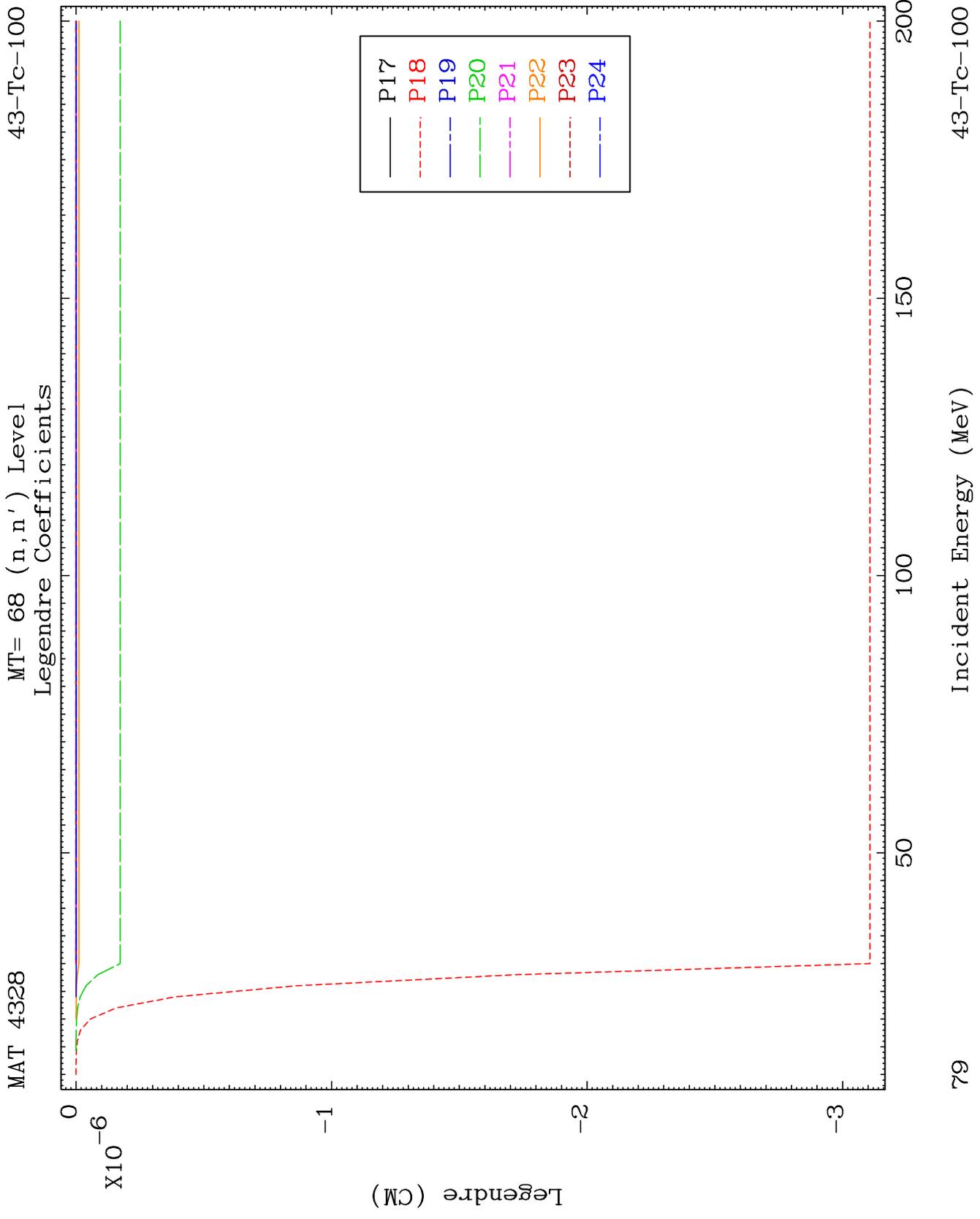


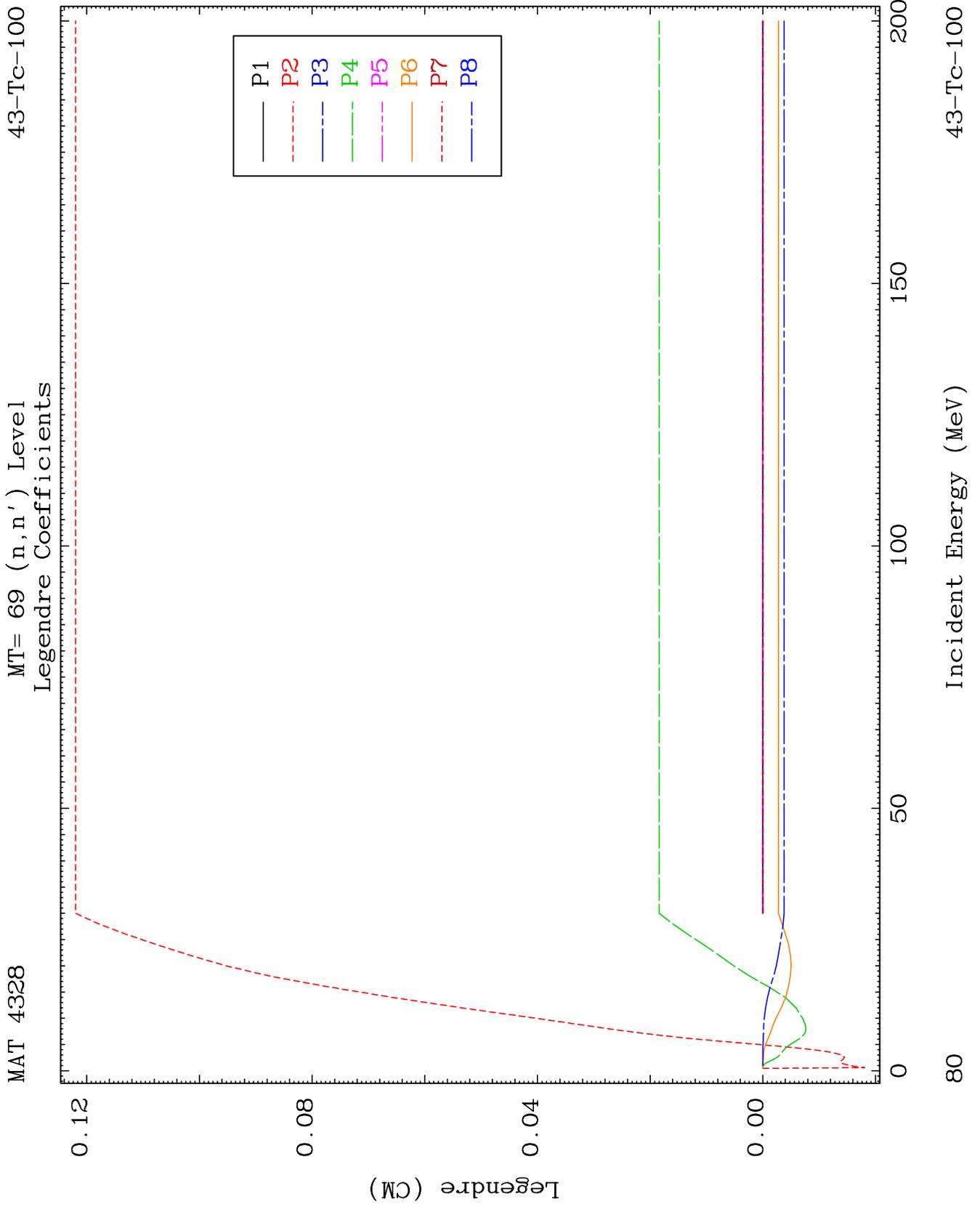


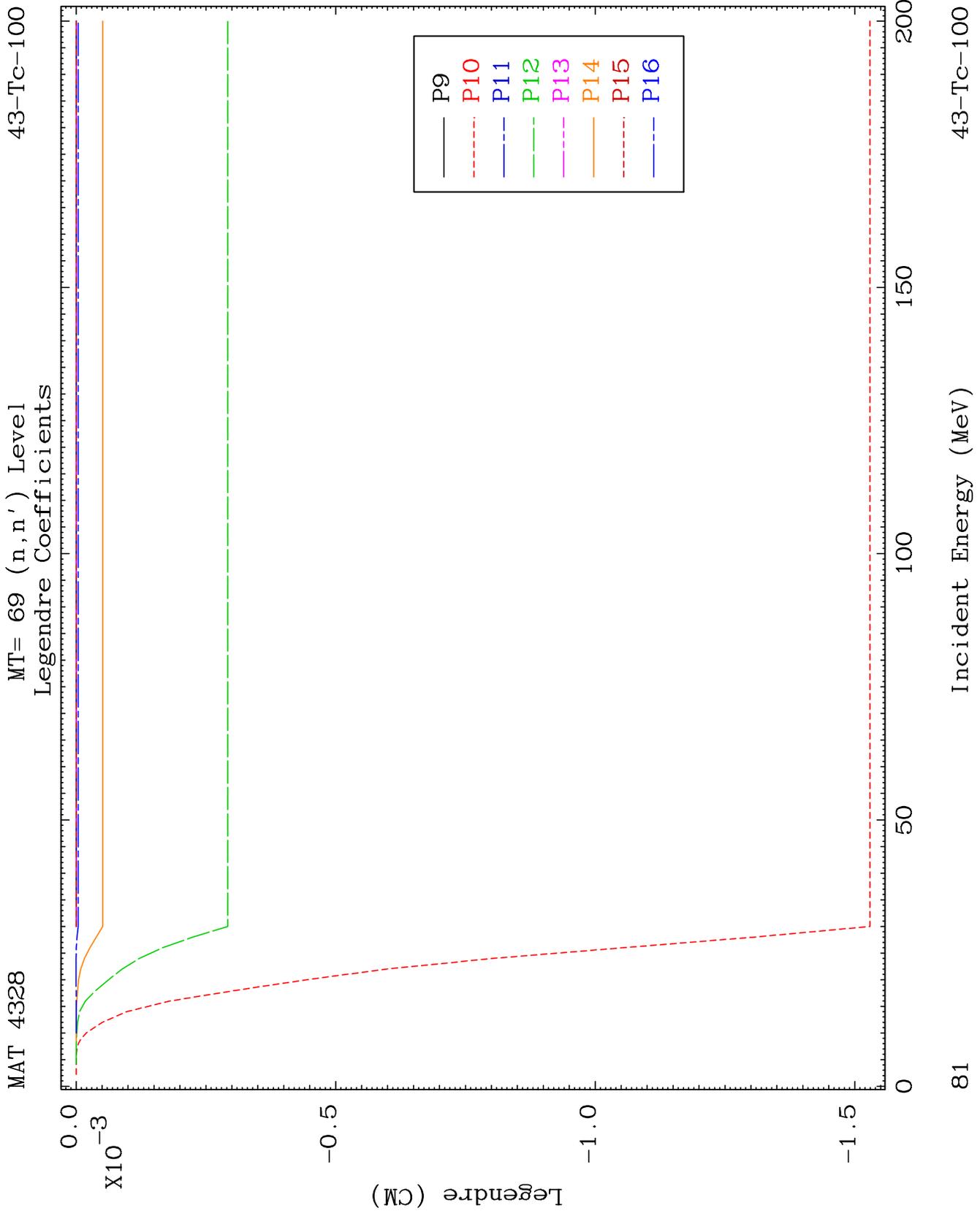


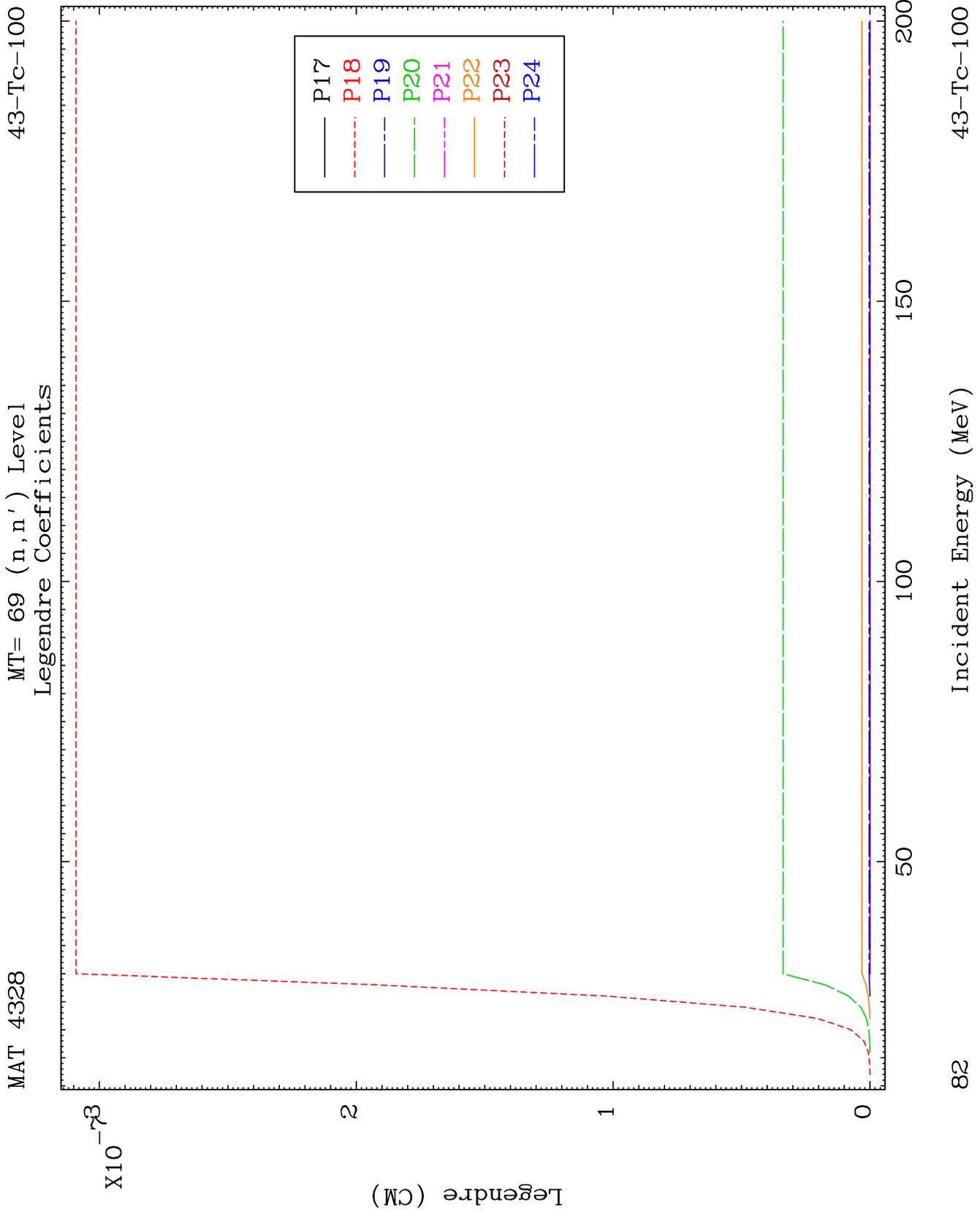


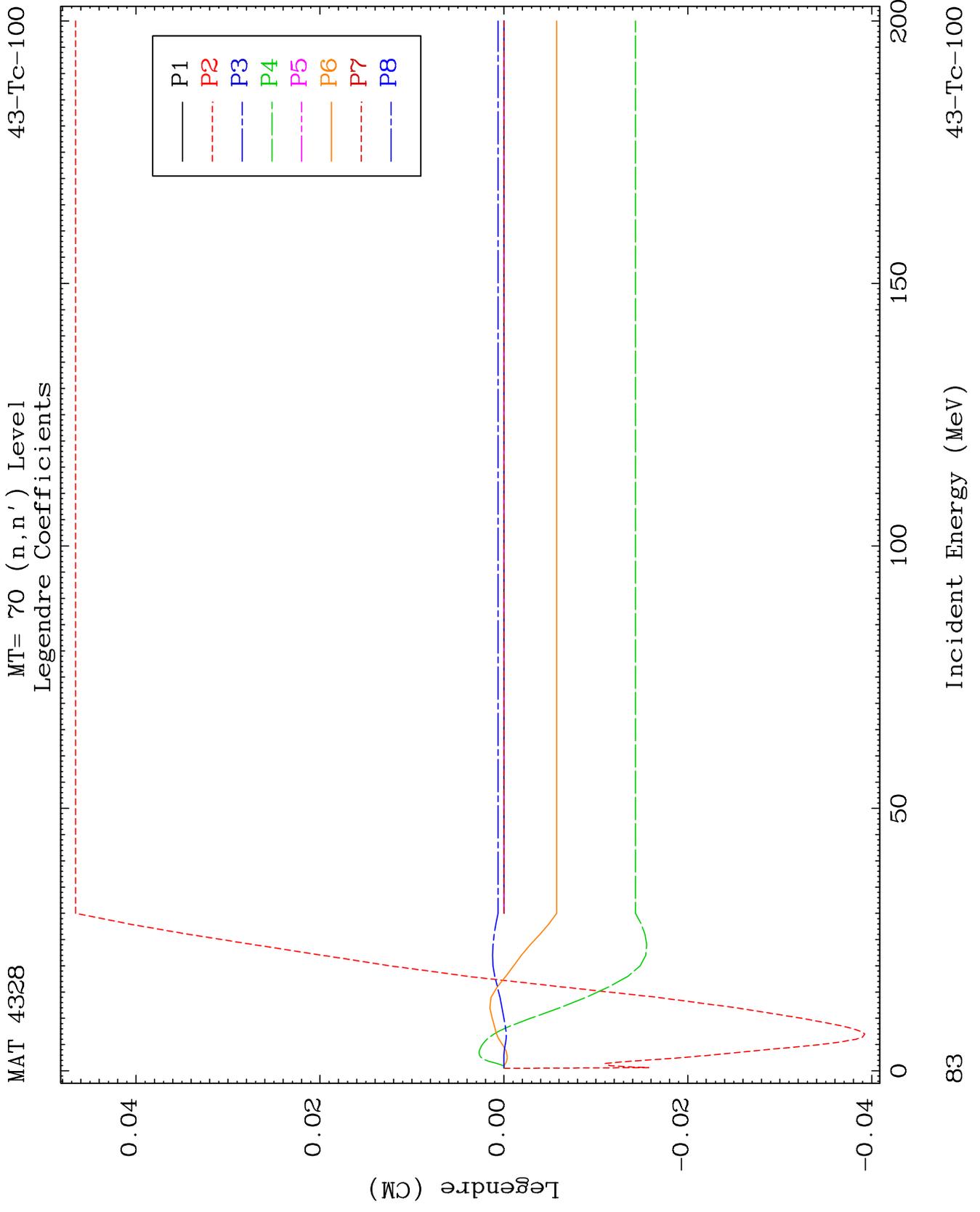


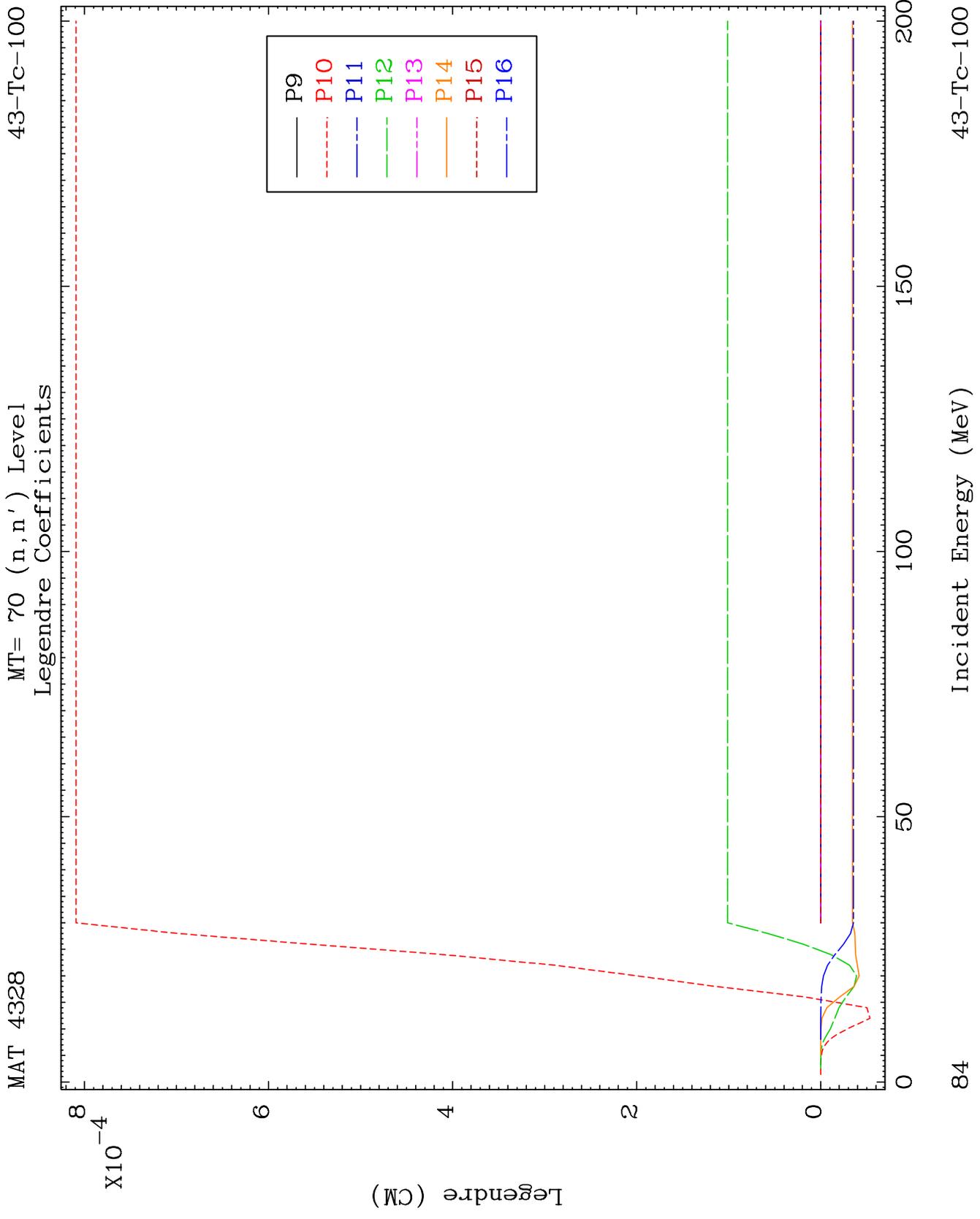


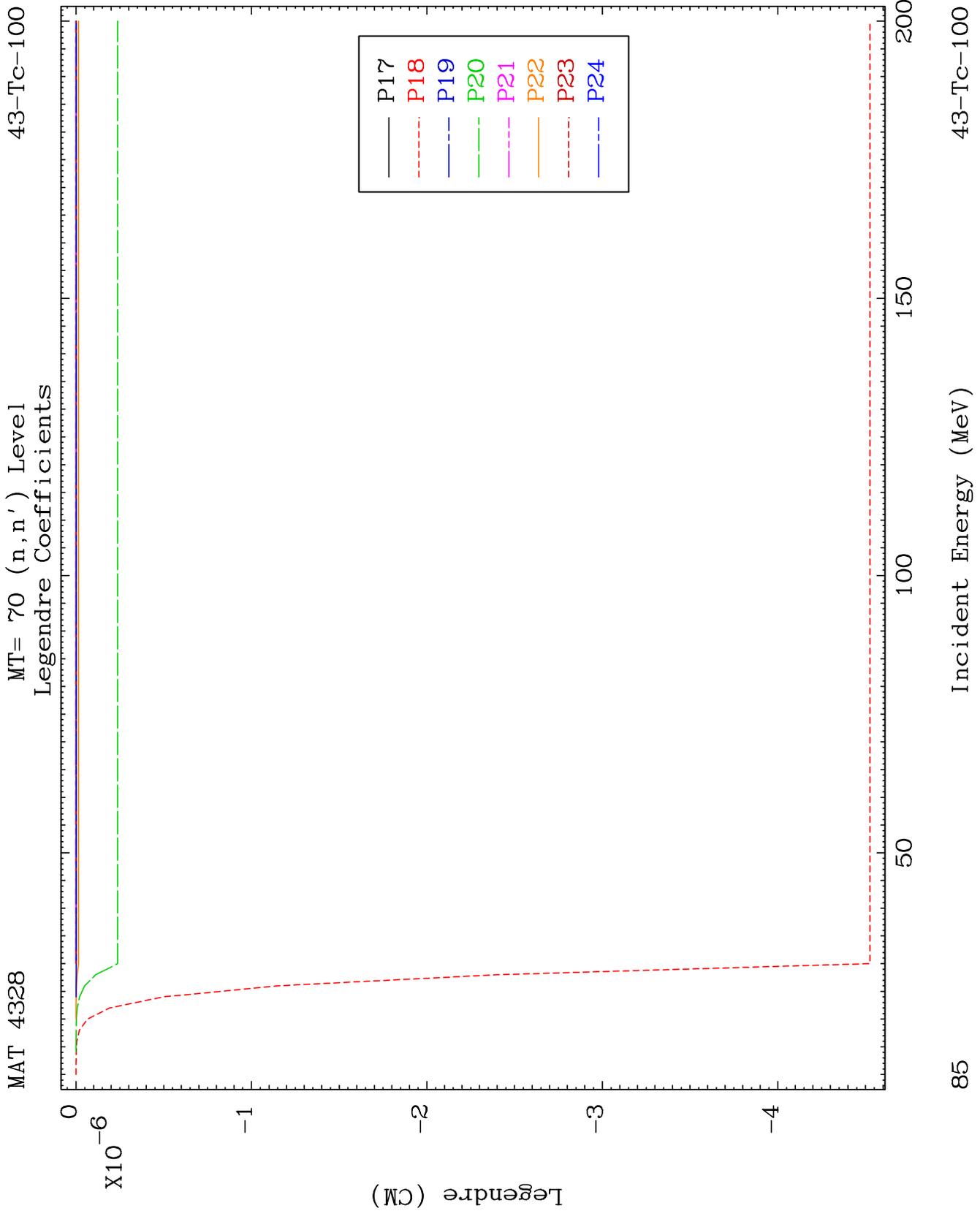


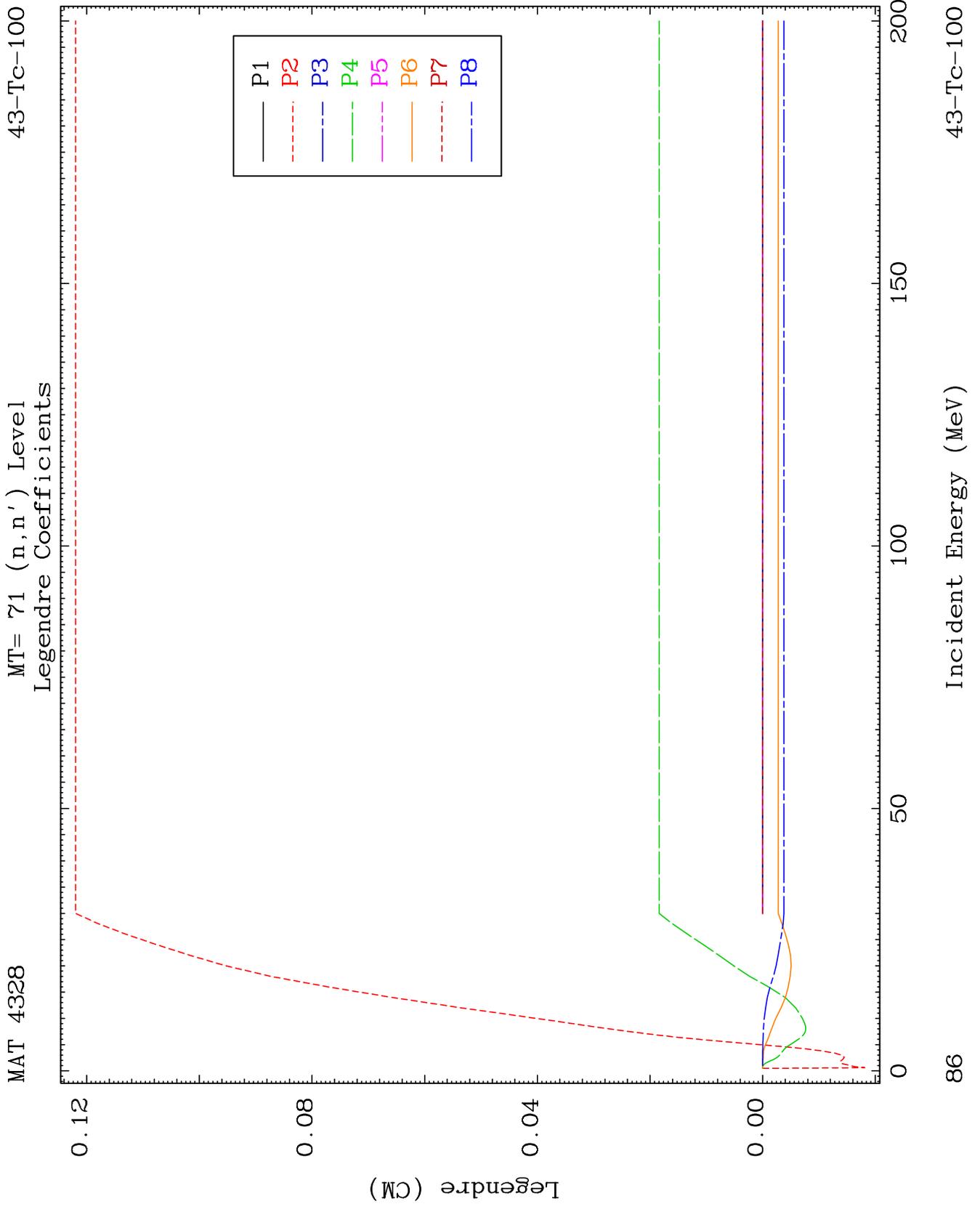


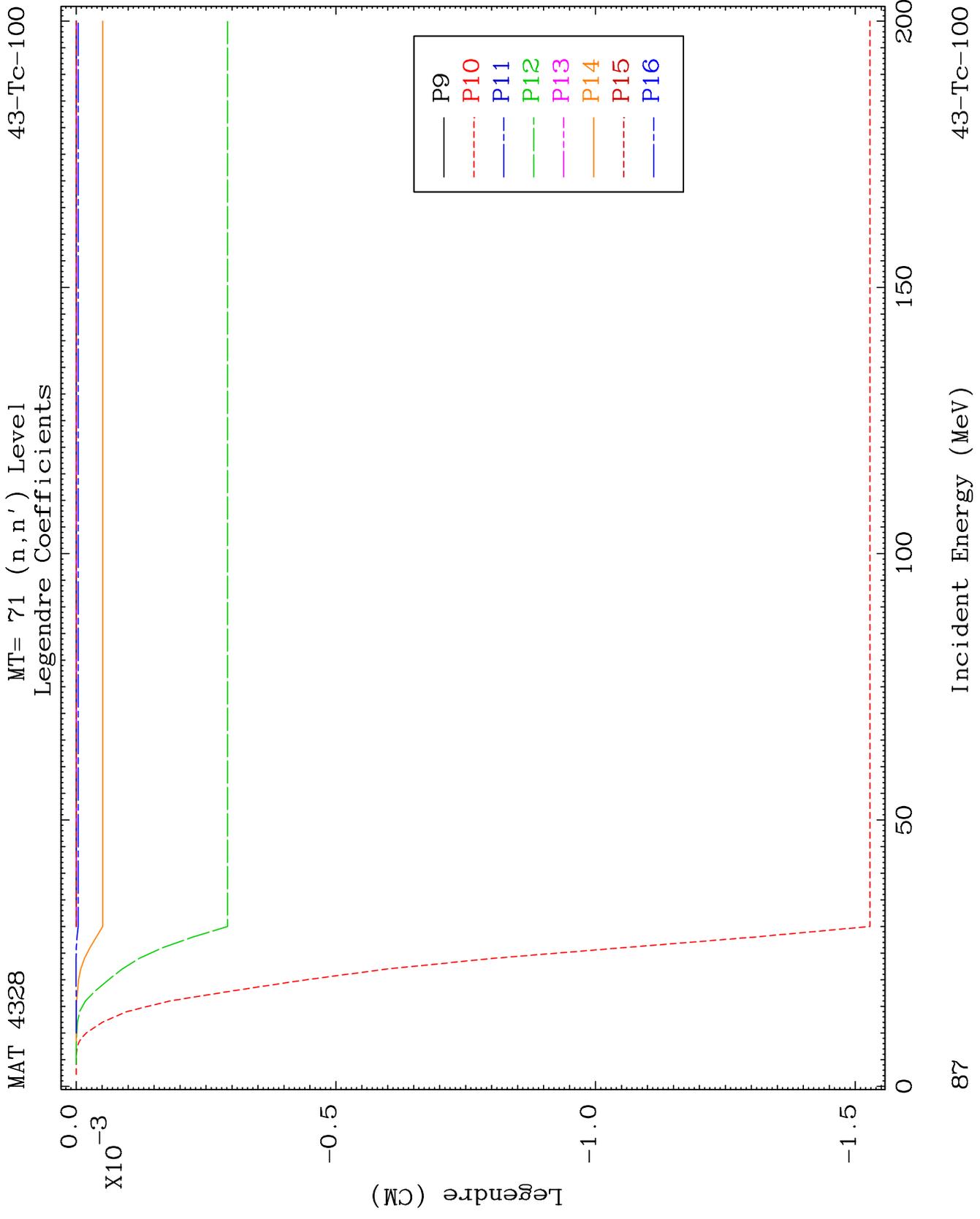


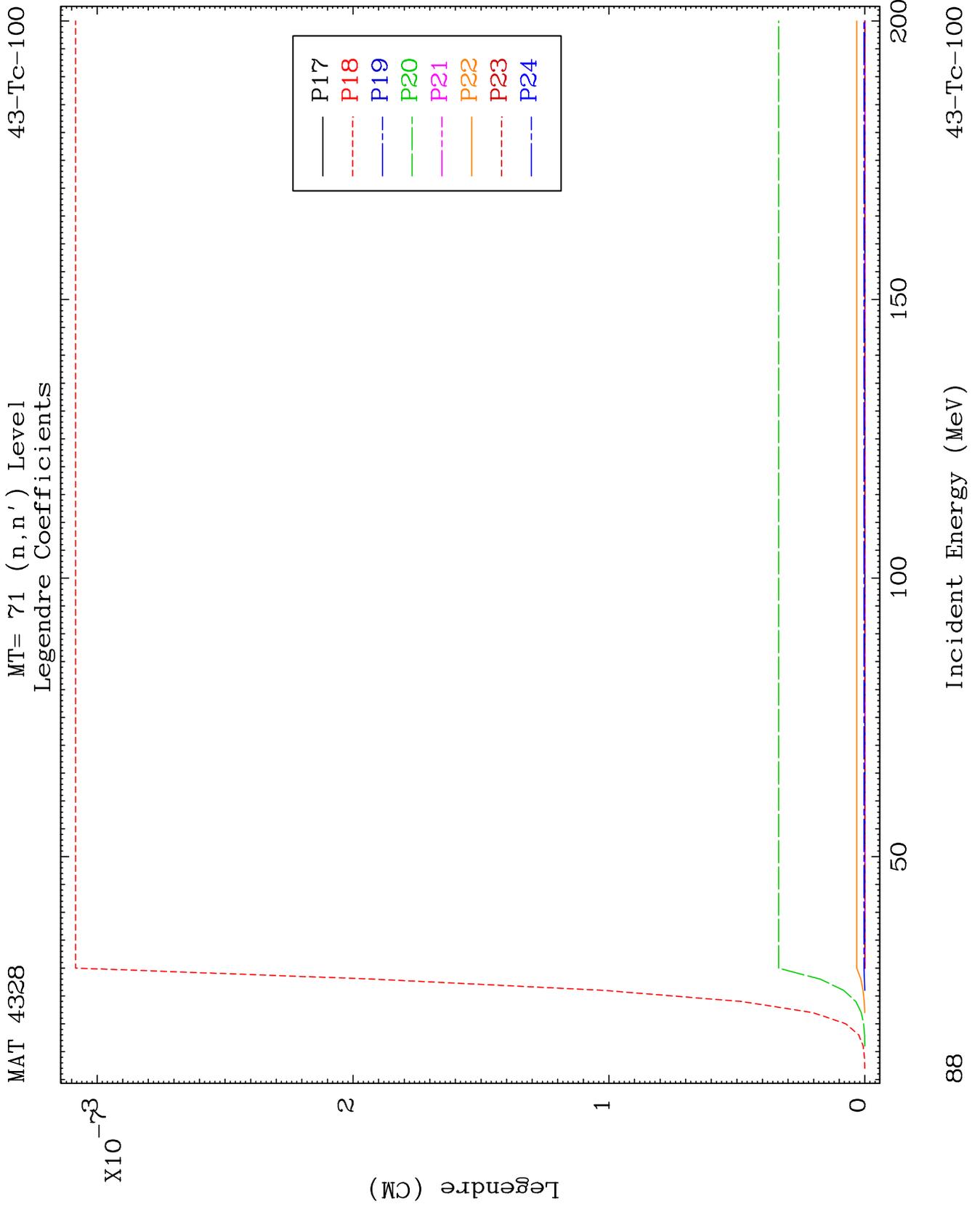








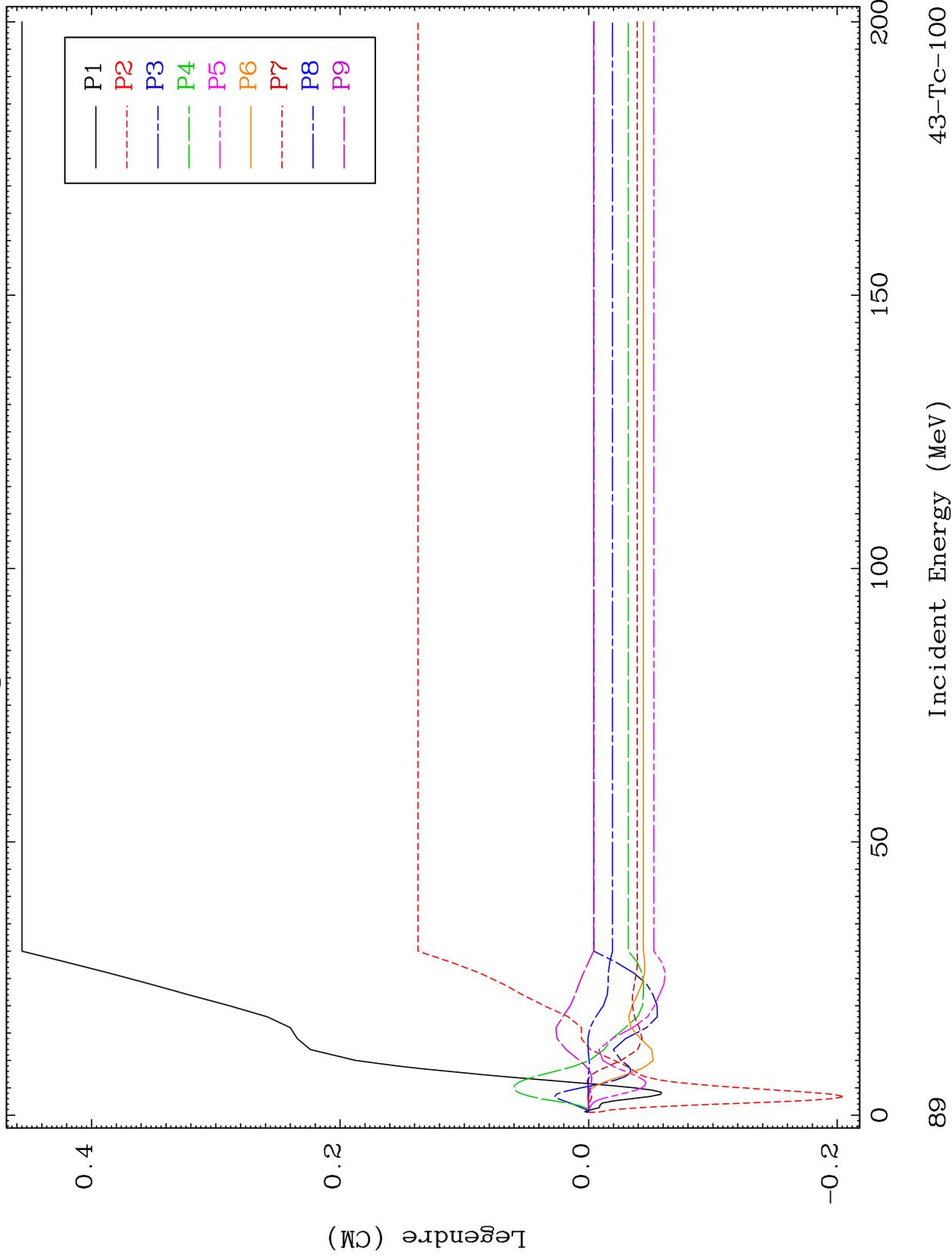


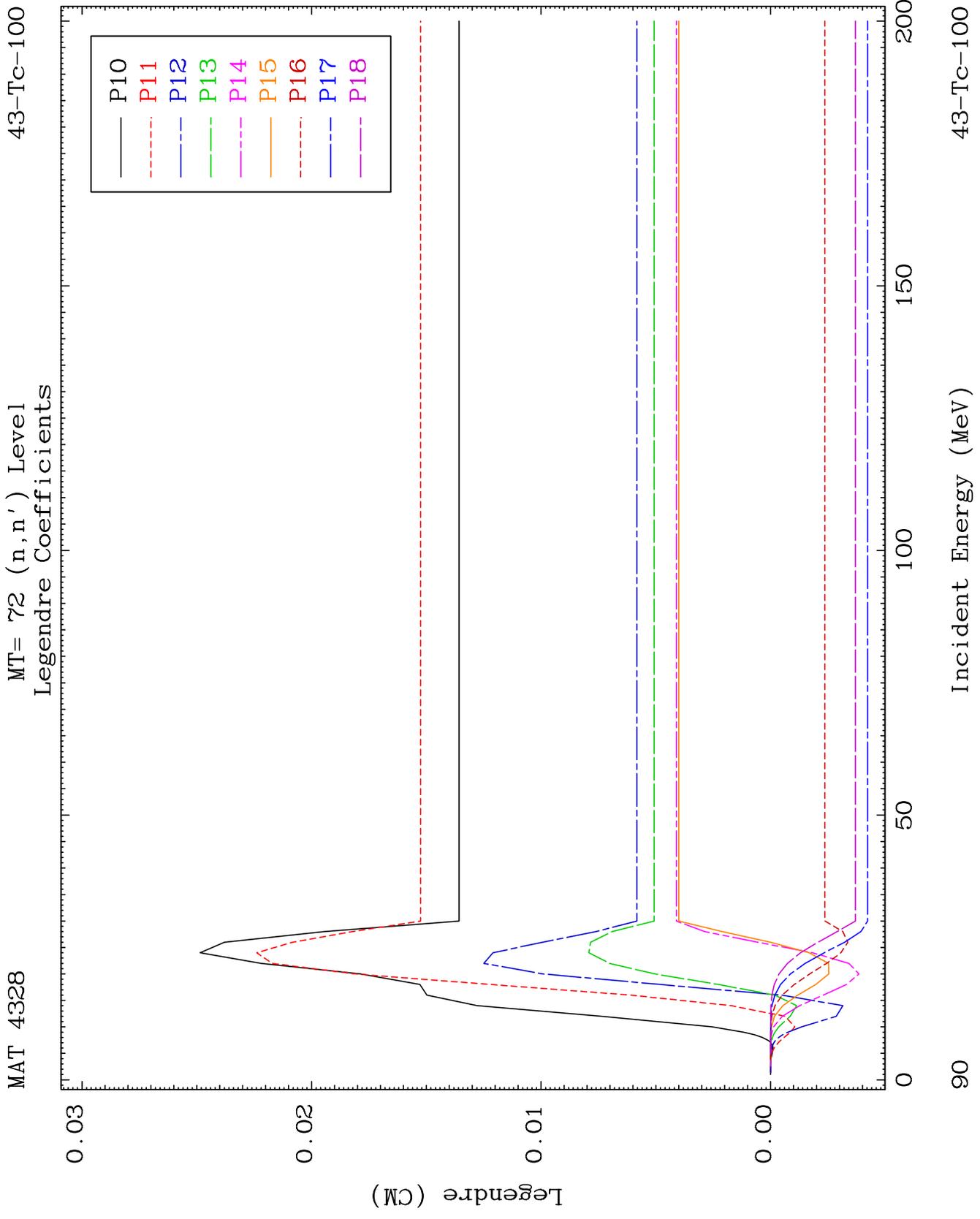


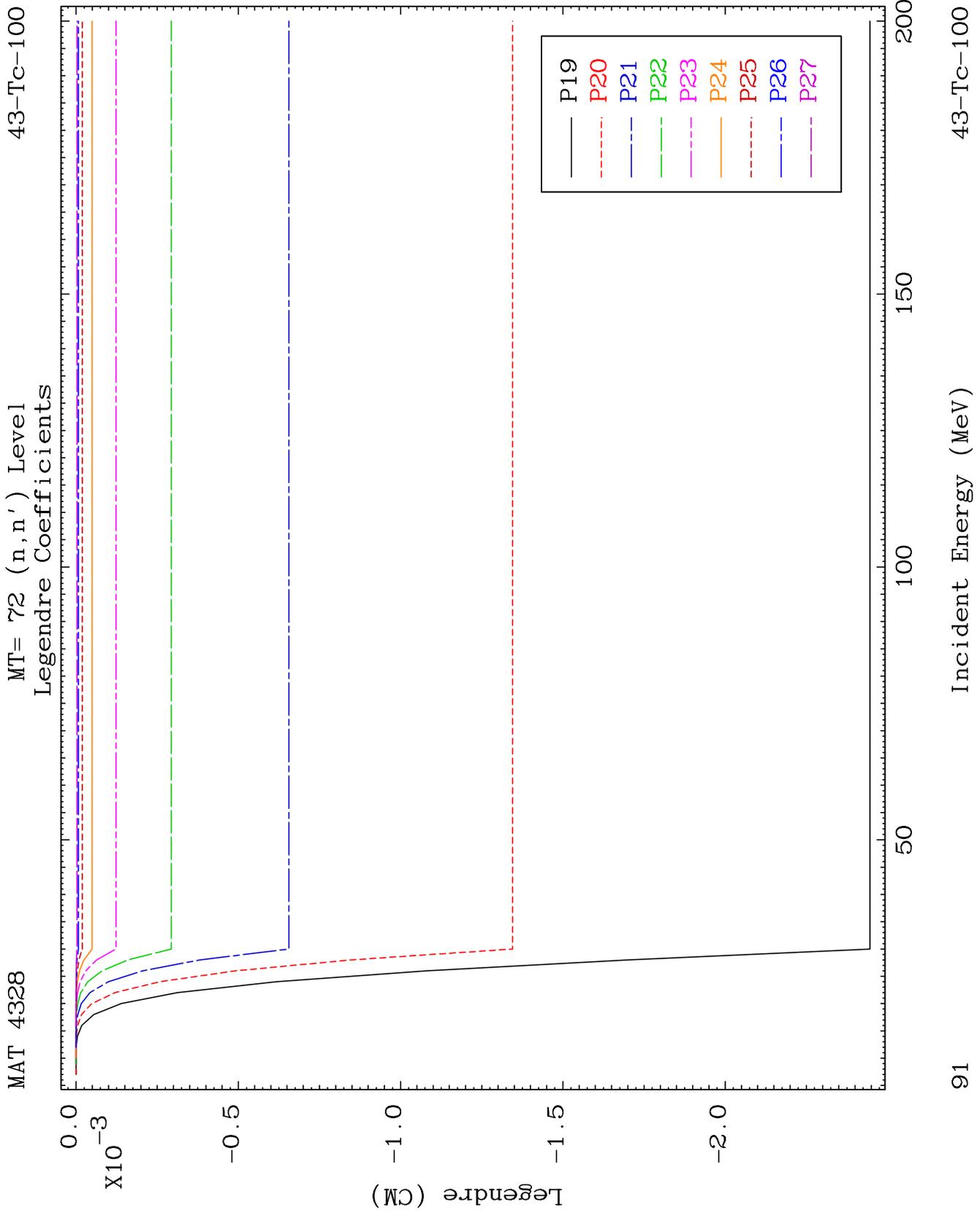
MAT 4328

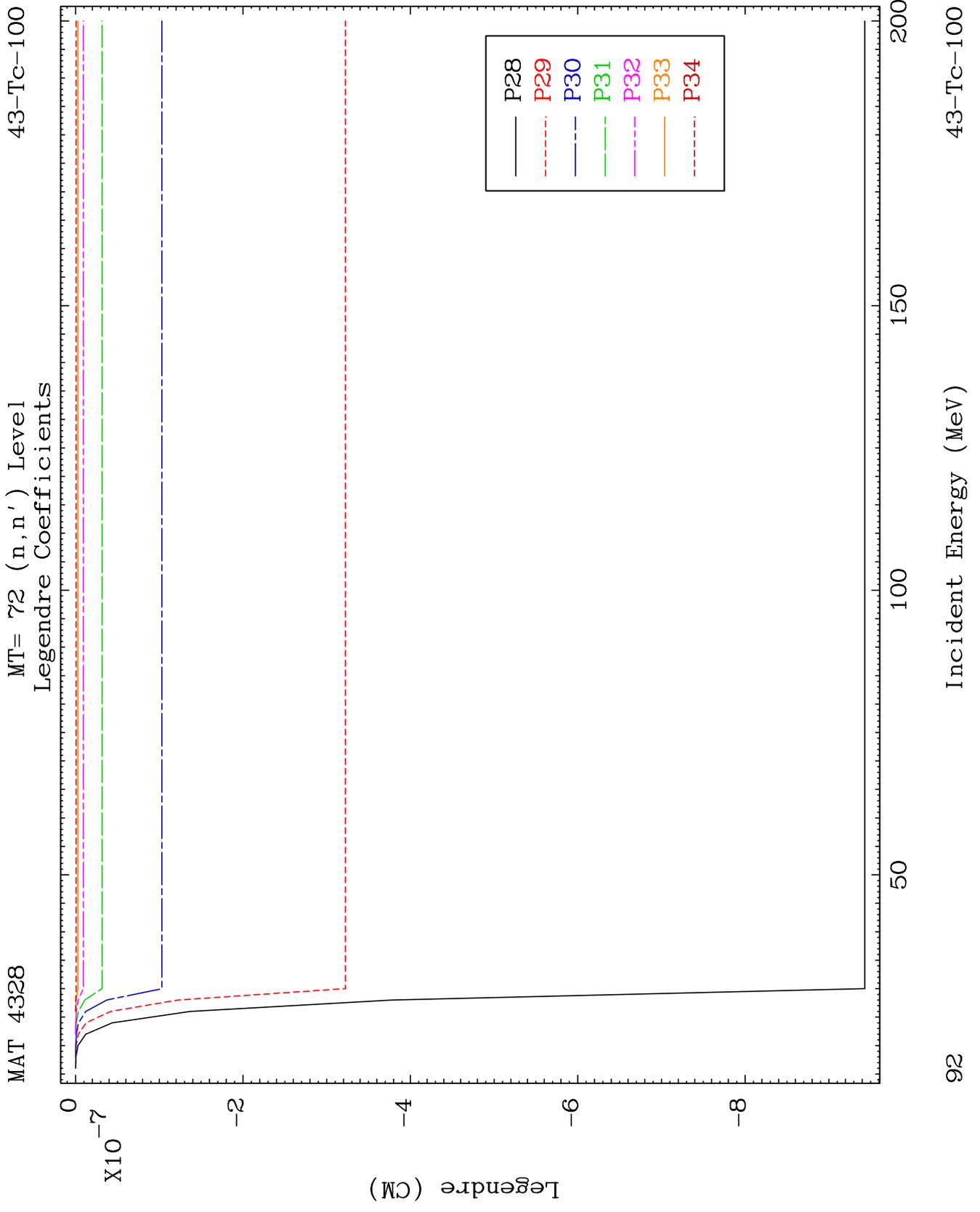
MT= 72 (n,n') Level  
Legendre Coefficients

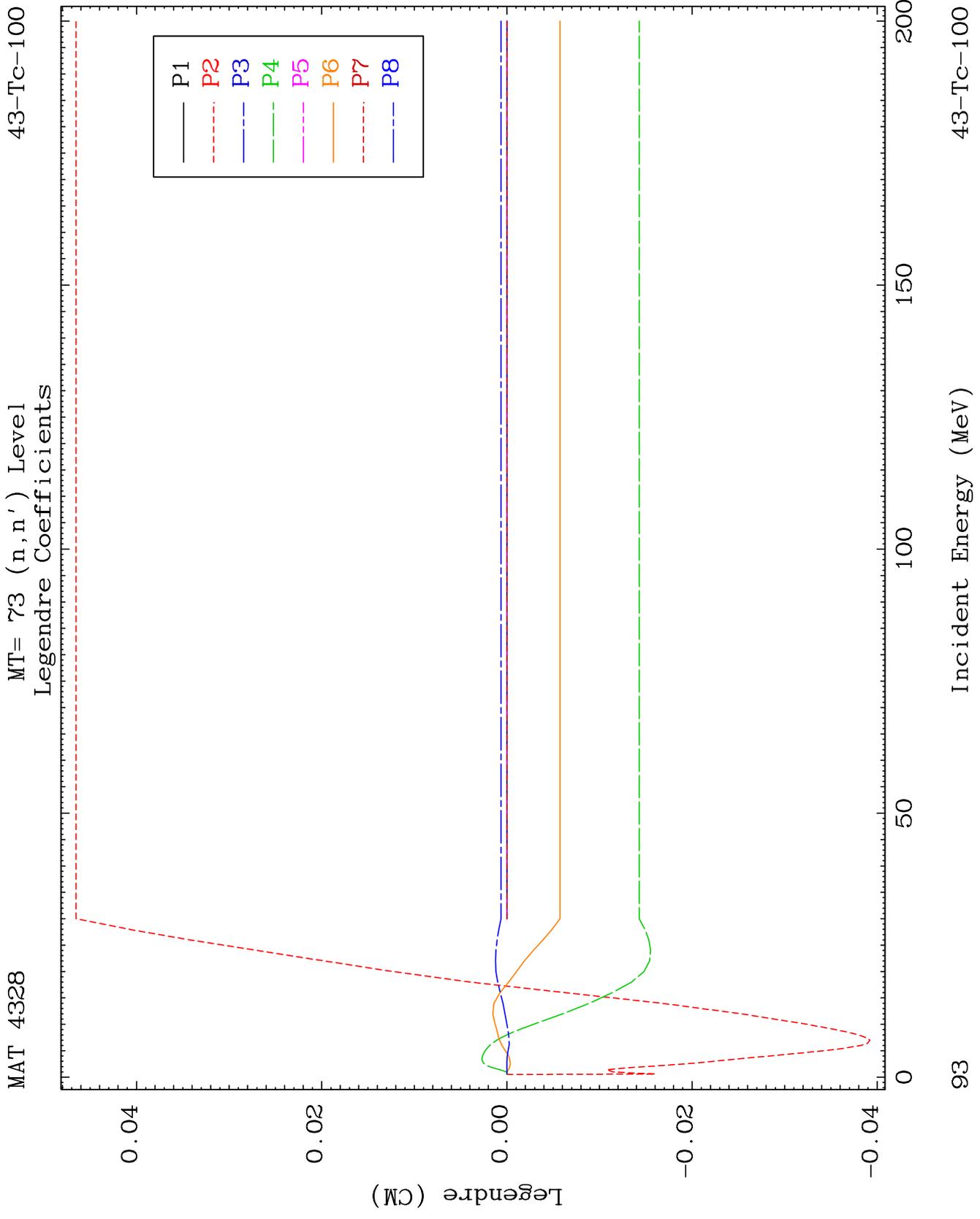
43-Tc-100

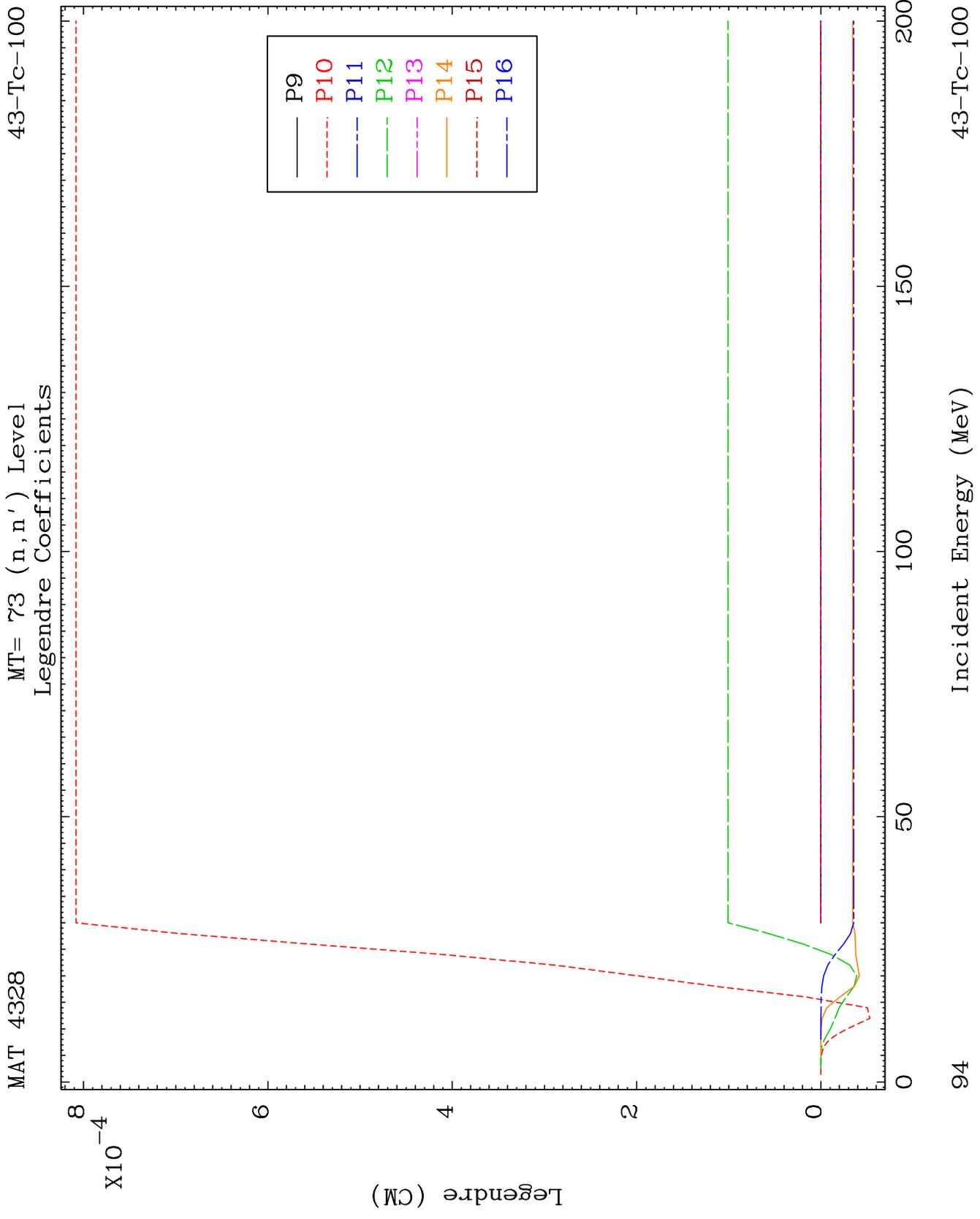


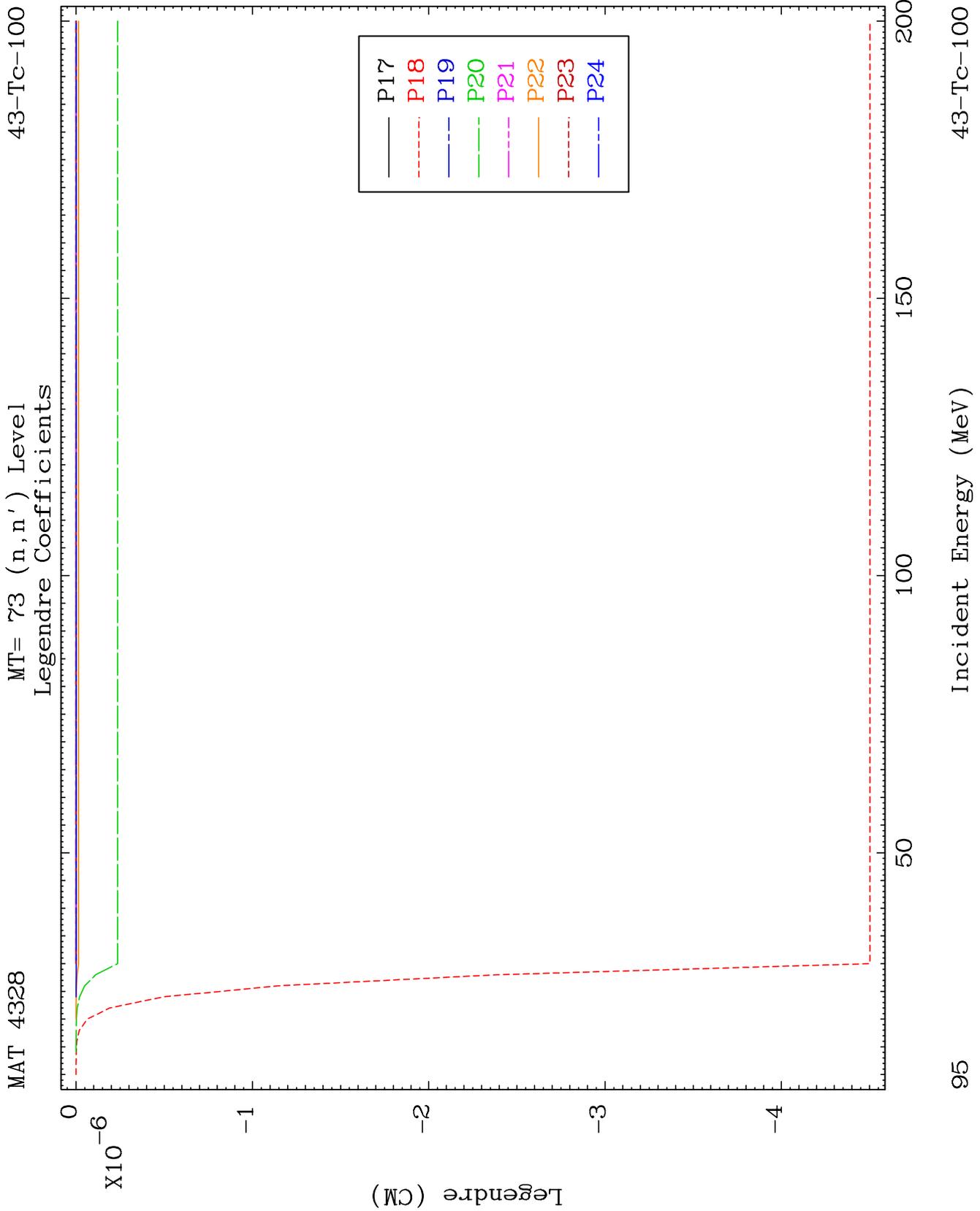












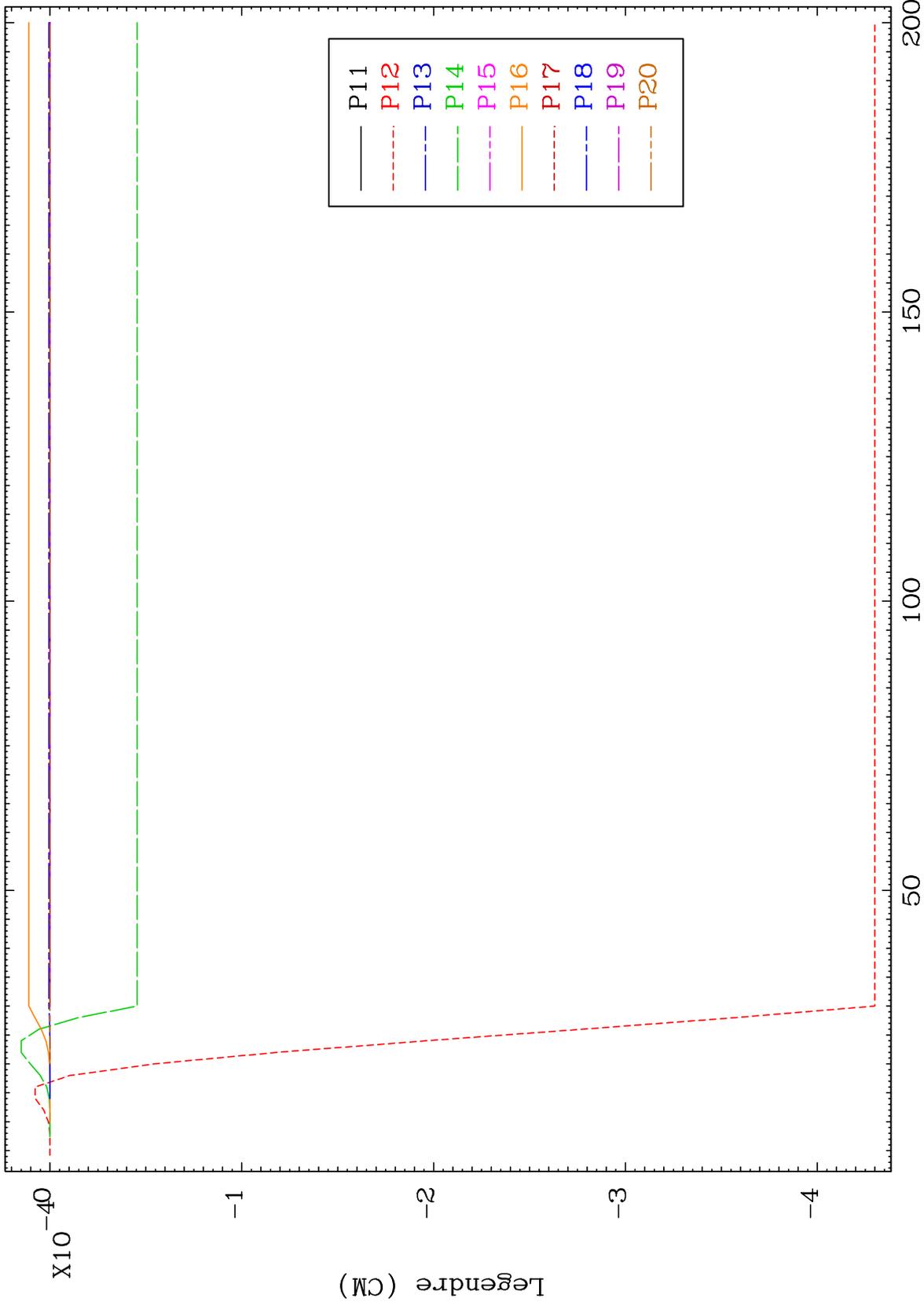


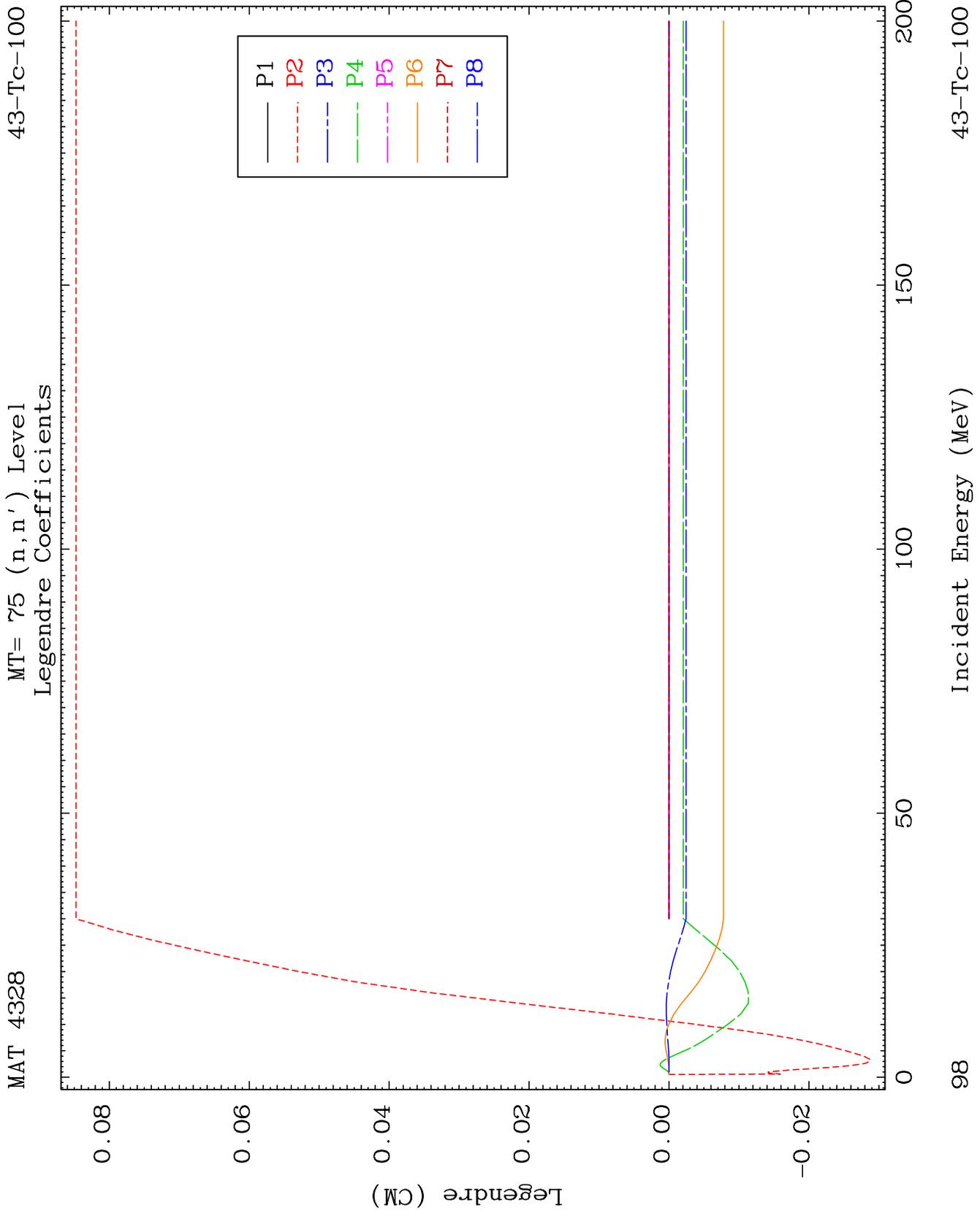
MAT 4328

MT= 74 (n,n') Level

43-Tc-100

Legendre Coefficients

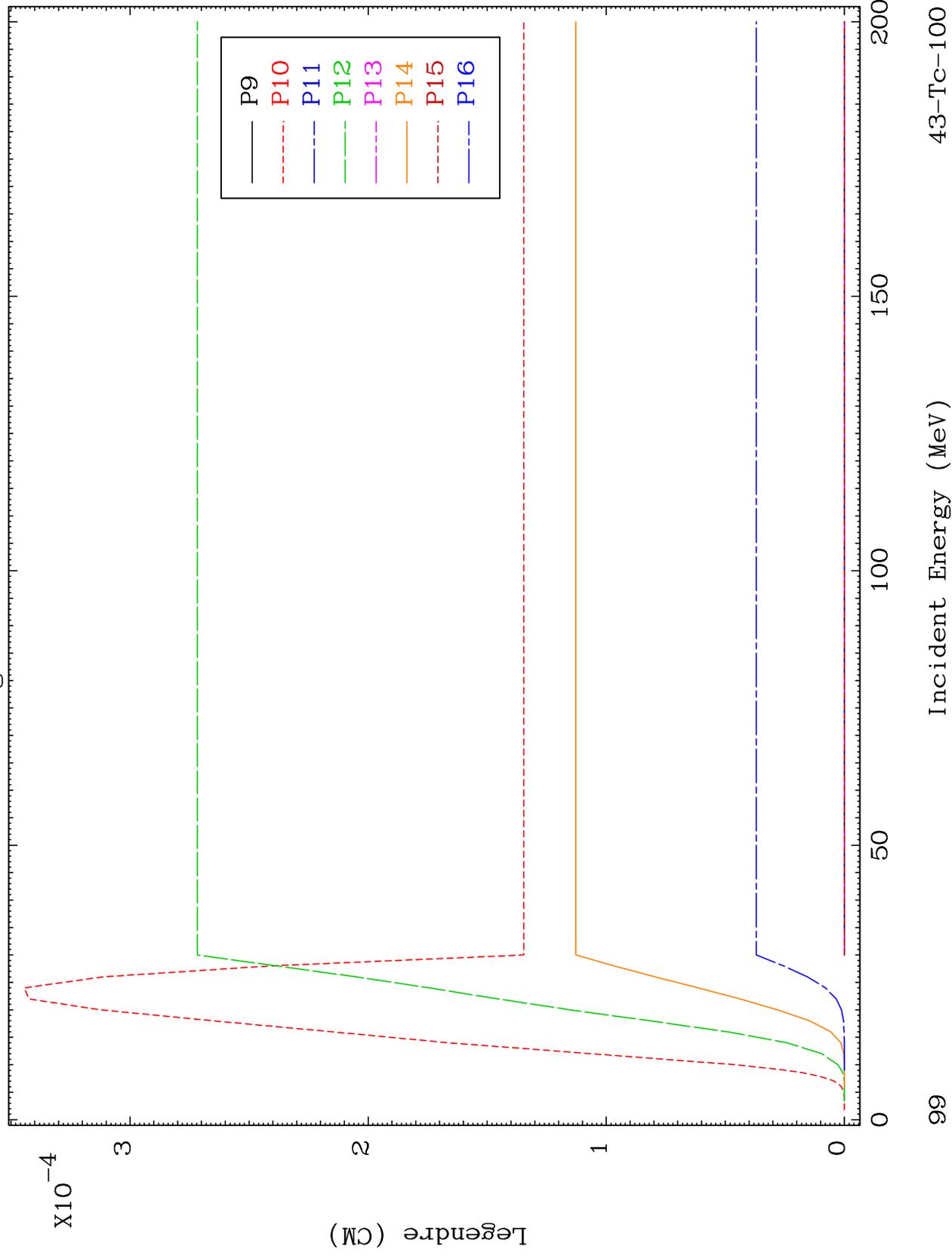




MAT 4328

MT= 75 (n,n') Level  
Legendre Coefficients

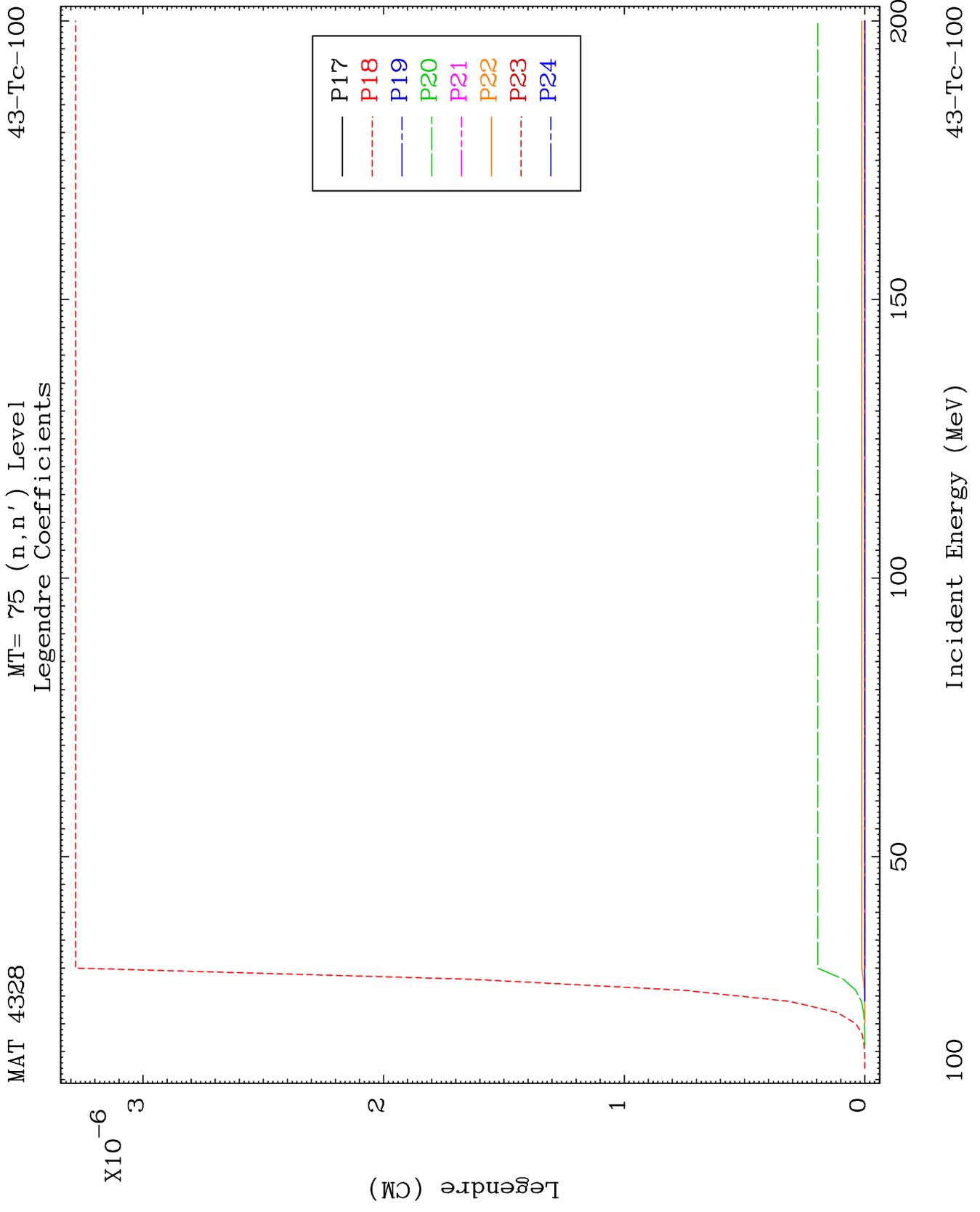
43-Tc-100



99

Incident Energy (MeV)

43-Tc-100

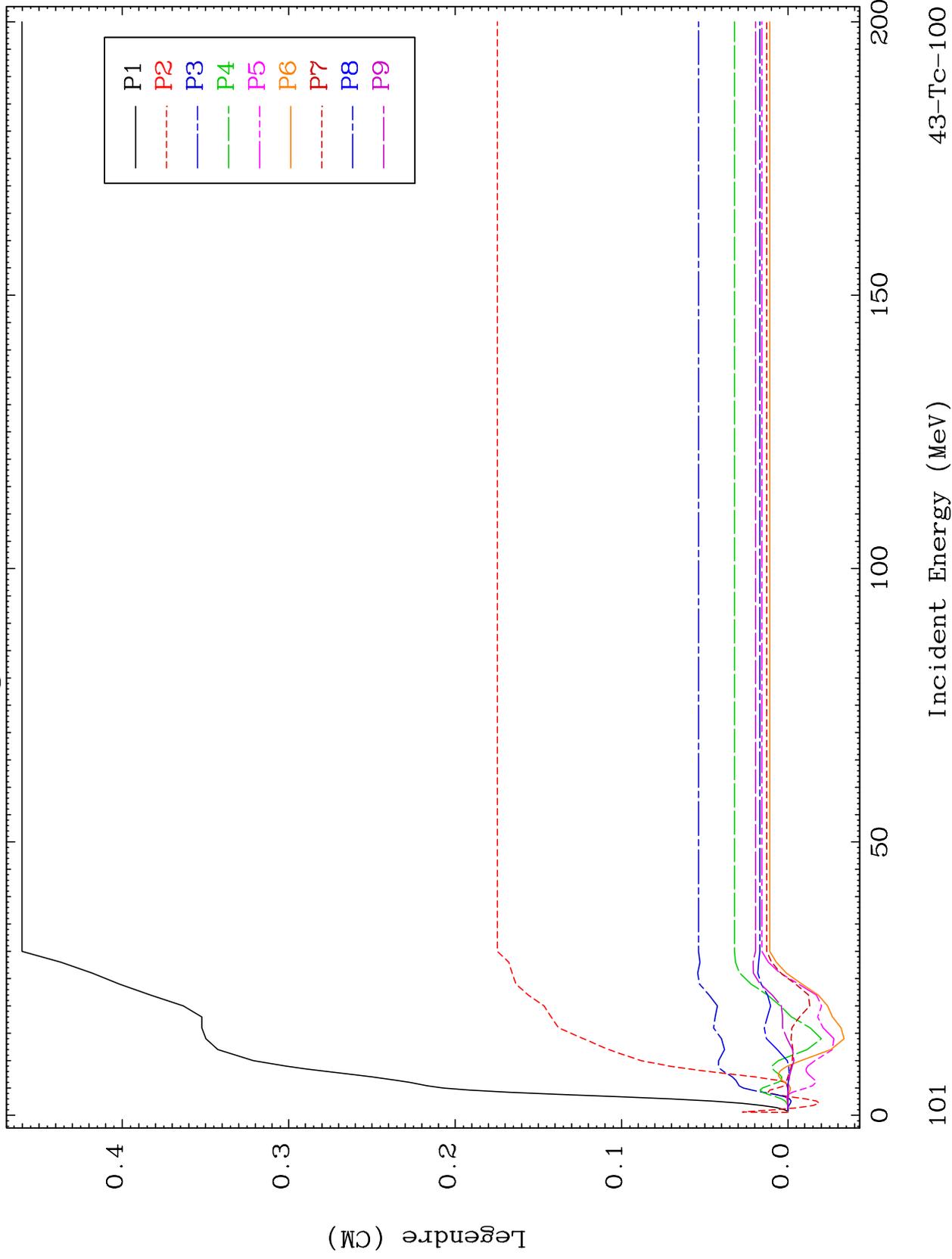


MAT 4328

MT= 76 (n,n') Level

43-Tc-100

Legendre Coefficients



101

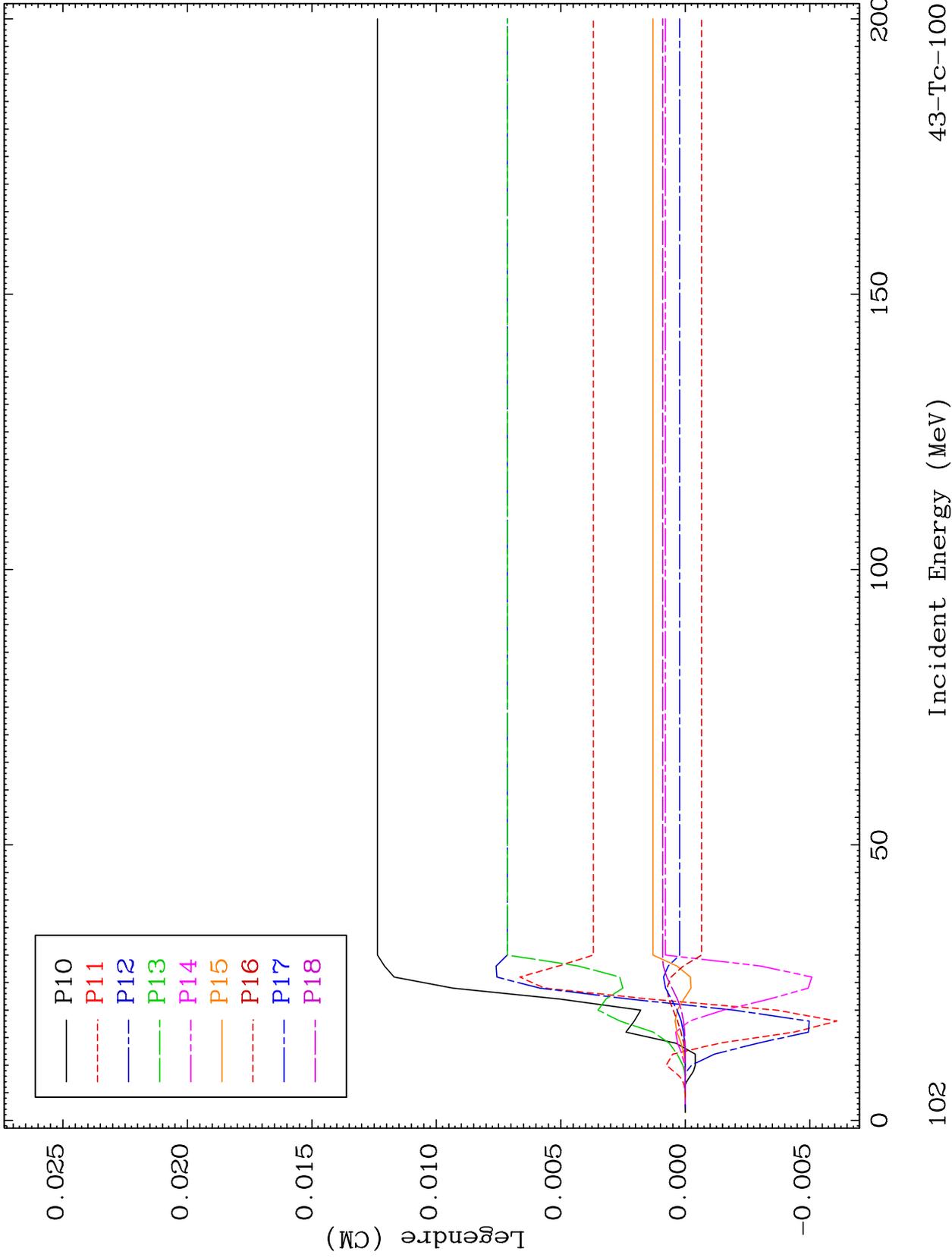
Incident Energy (MeV)

43-Tc-100

MAT 4328

MT= 76 (n,n') Level  
Legendre Coefficients

43-Tc-100



102

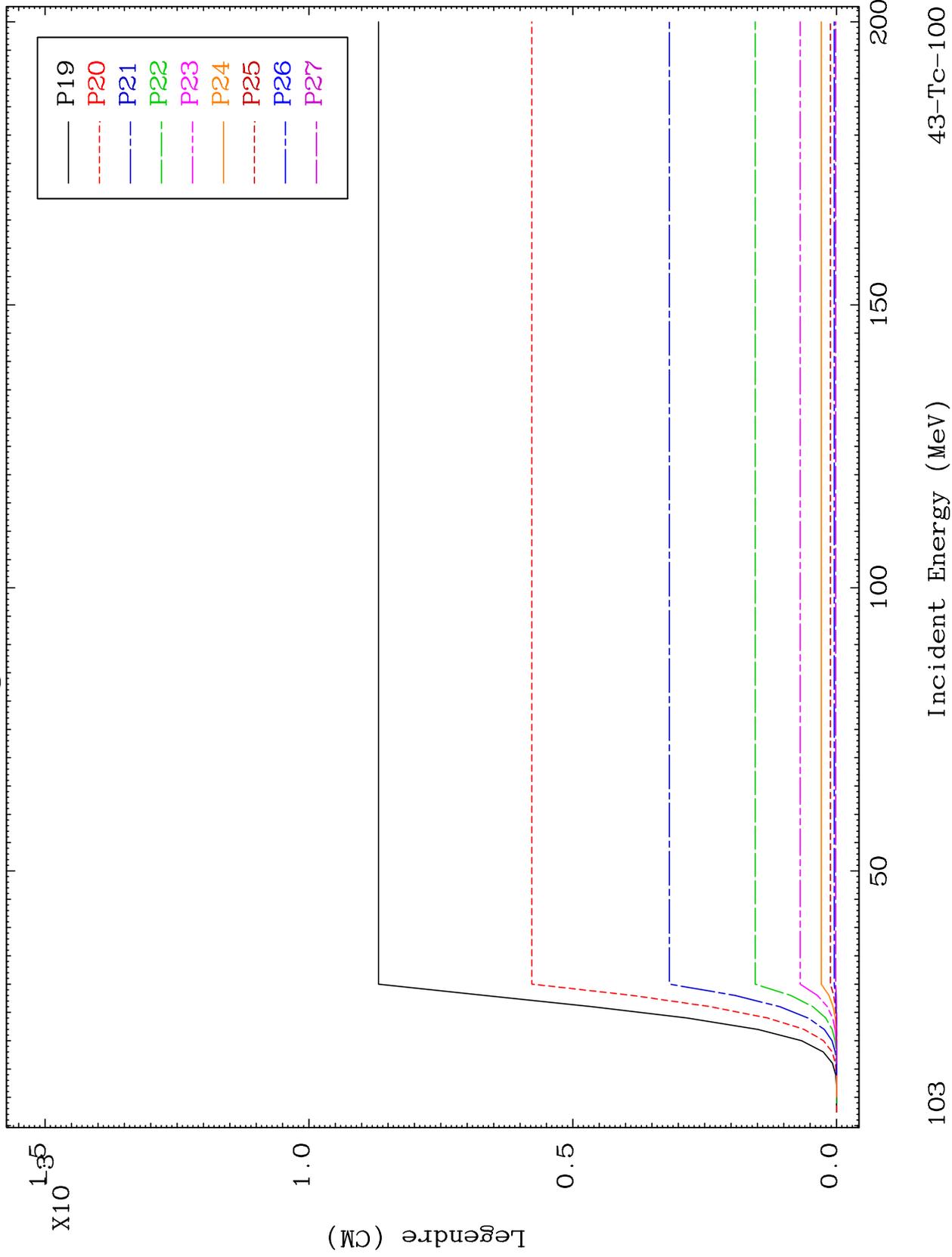
Incident Energy (MeV)

43-Tc-100

MAT 4328

MT= 76 (n,n') Level  
Legendre Coefficients

43-Tc-100



103

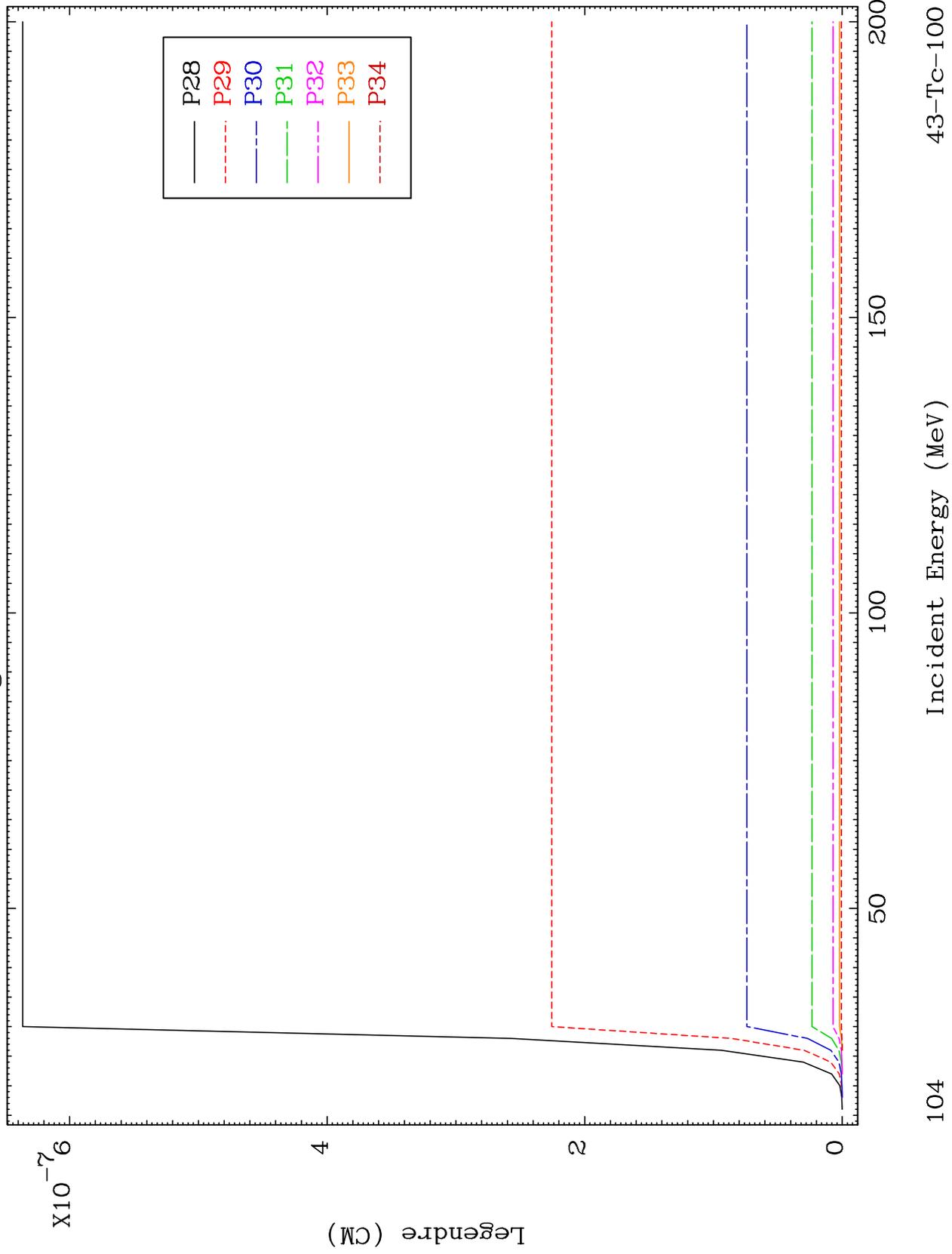
Incident Energy (MeV)

43-Tc-100

MAT 4328

MT= 76 (n,n') Level  
Legendre Coefficients

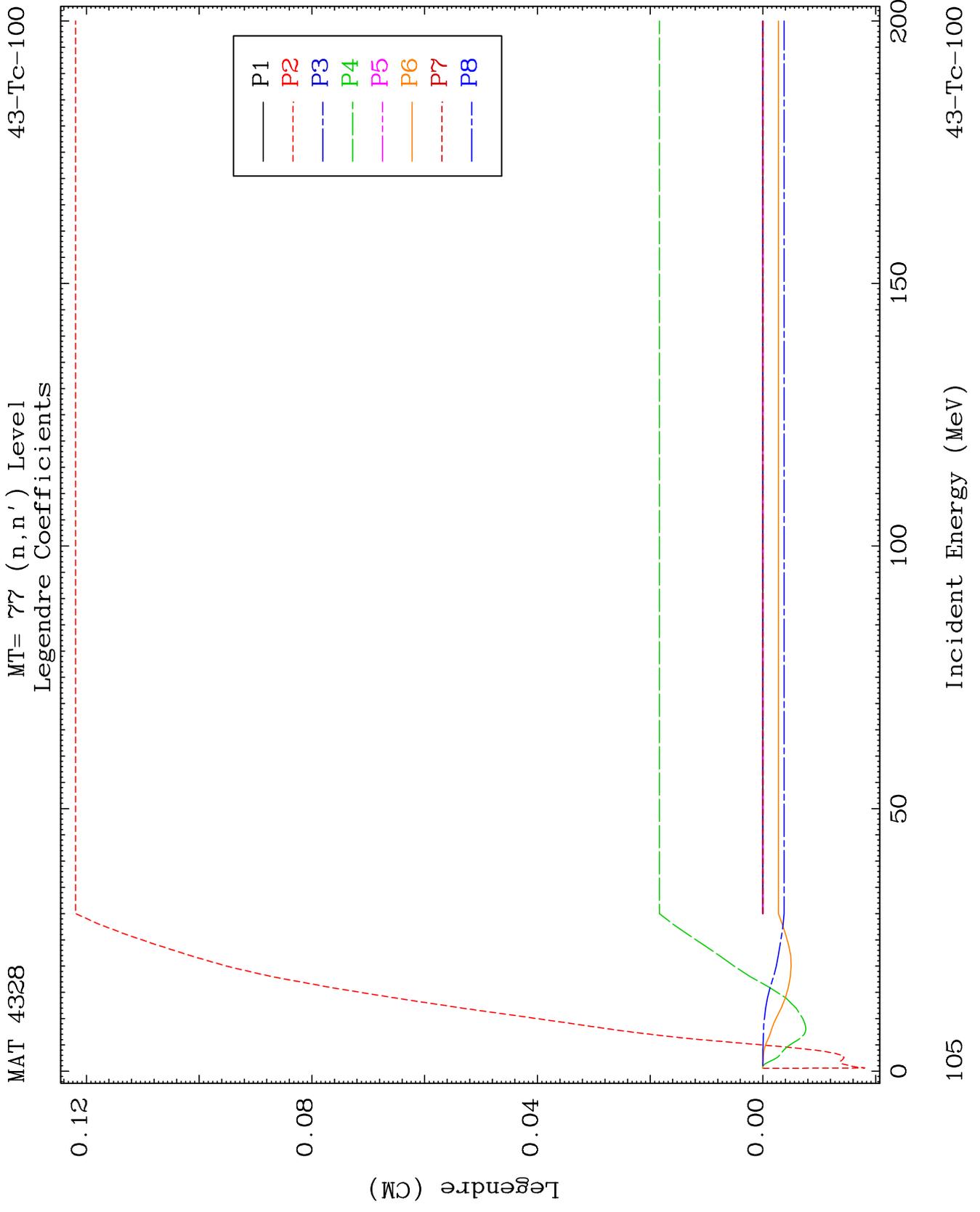
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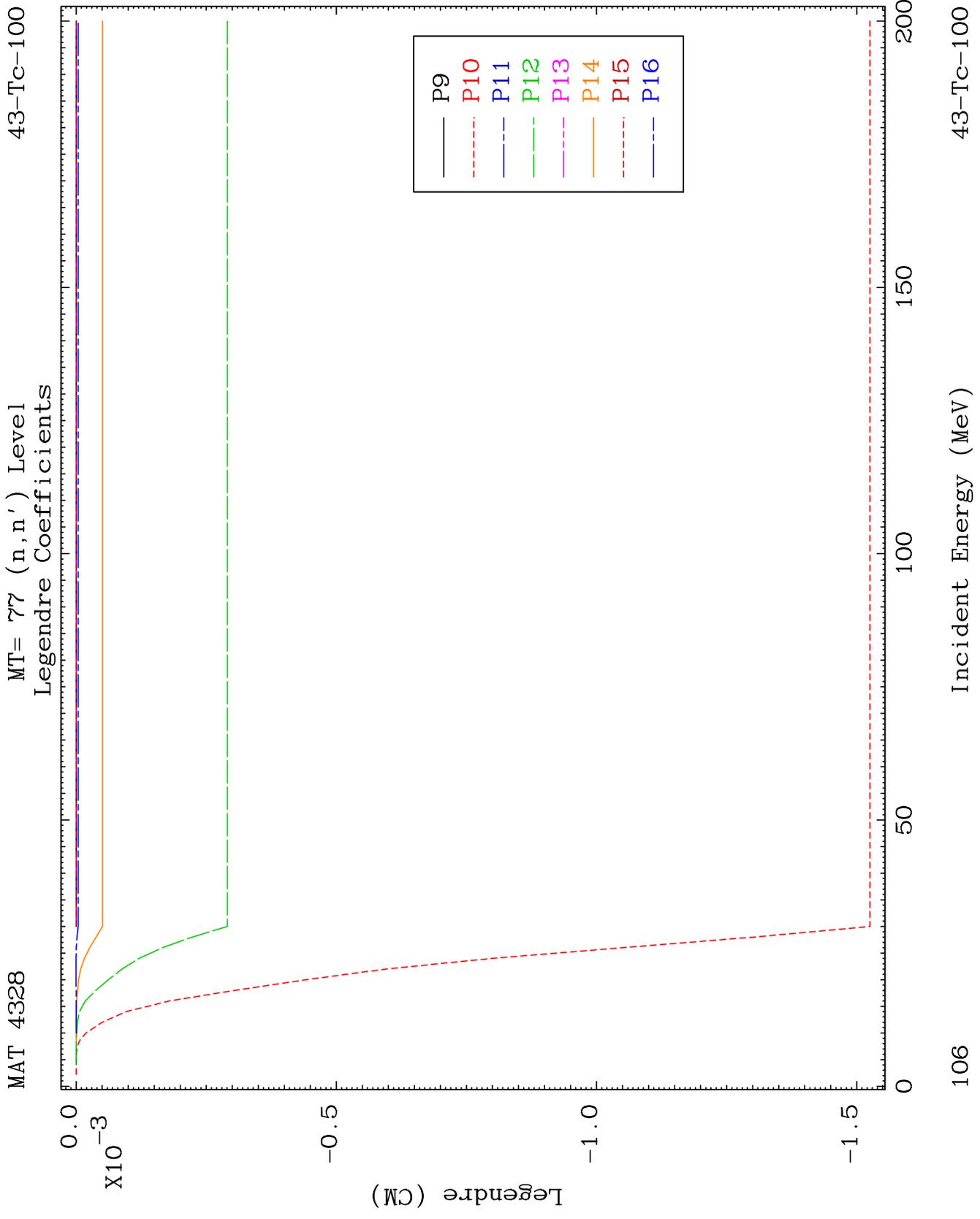


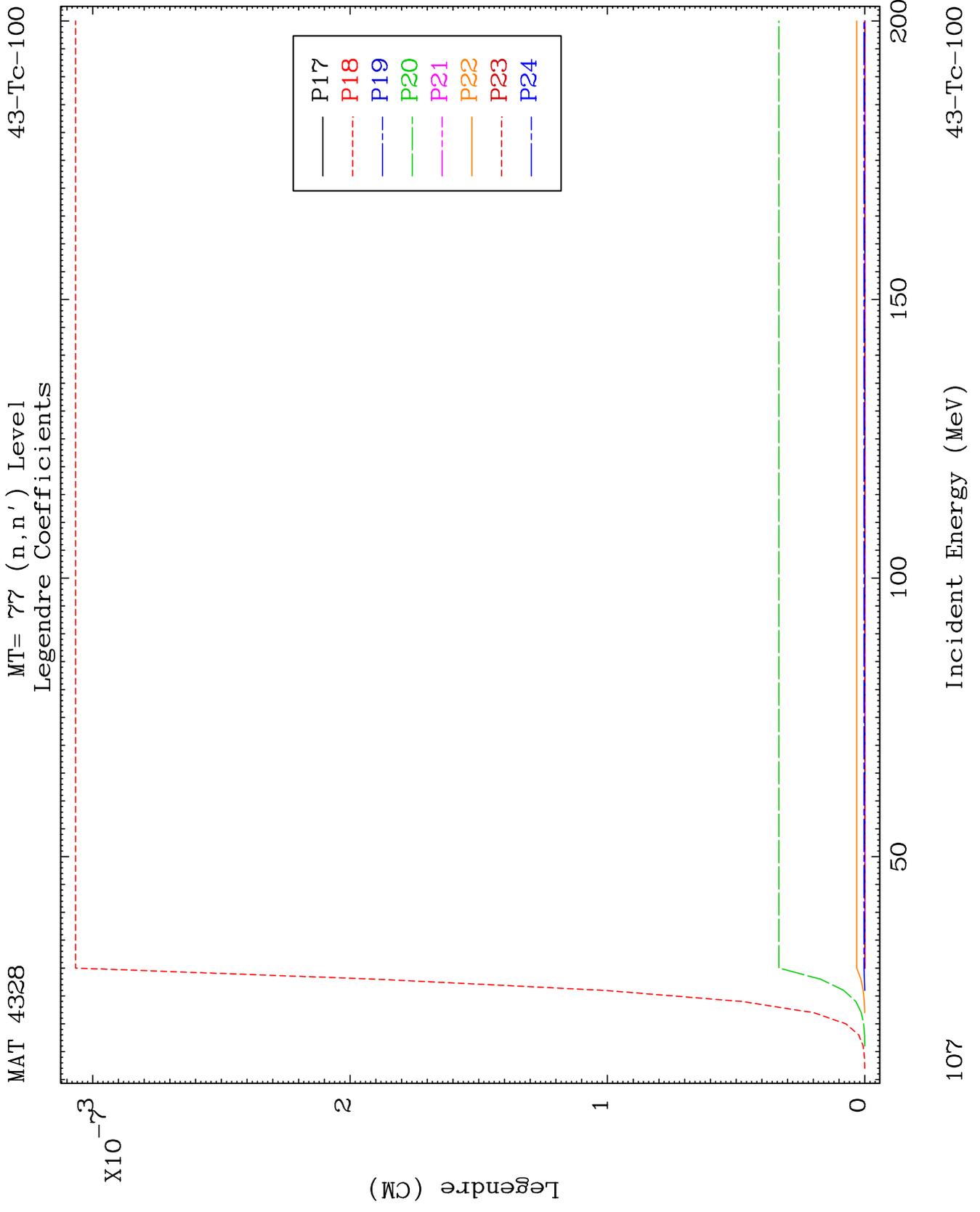
104

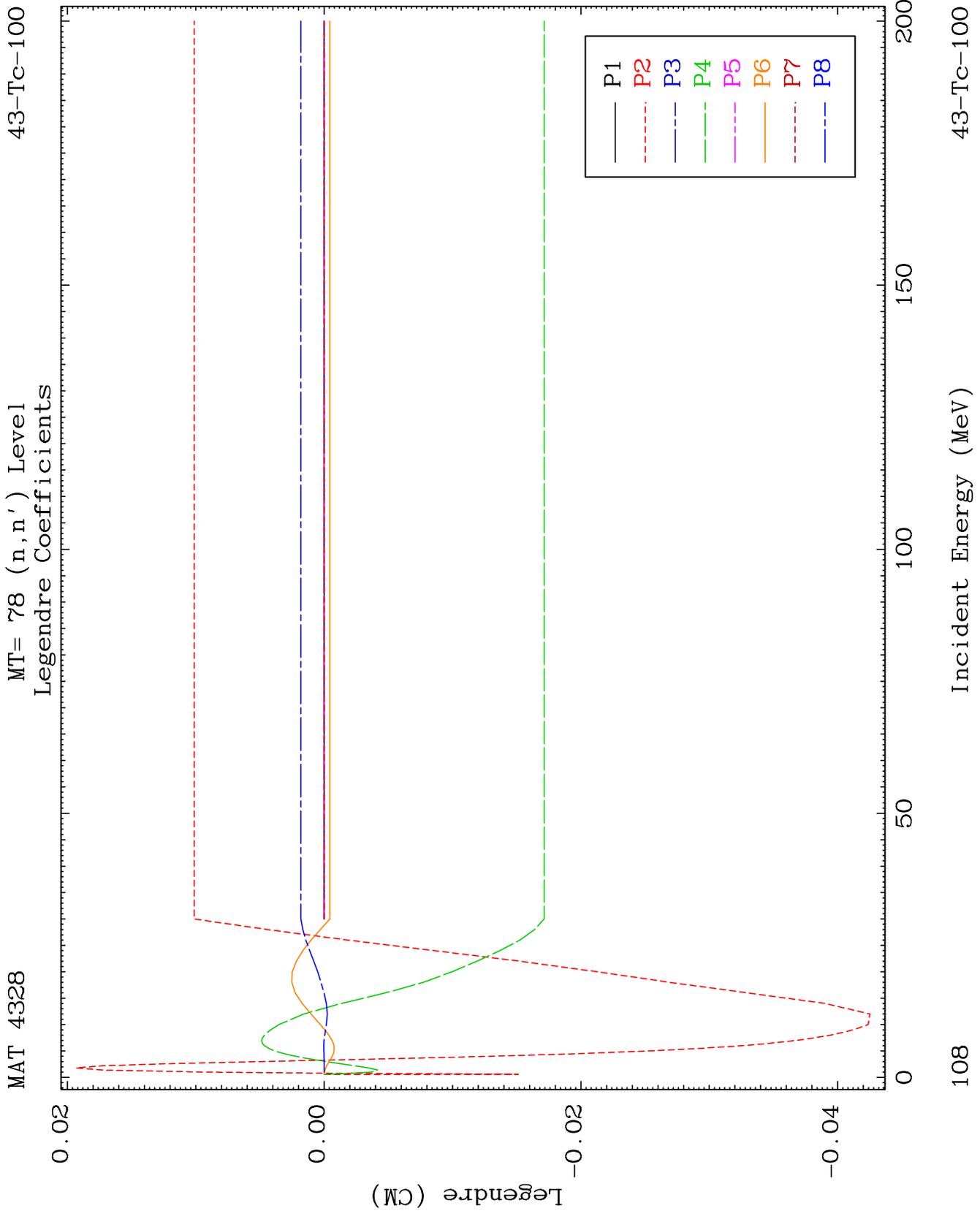
Incident Energy (MeV)

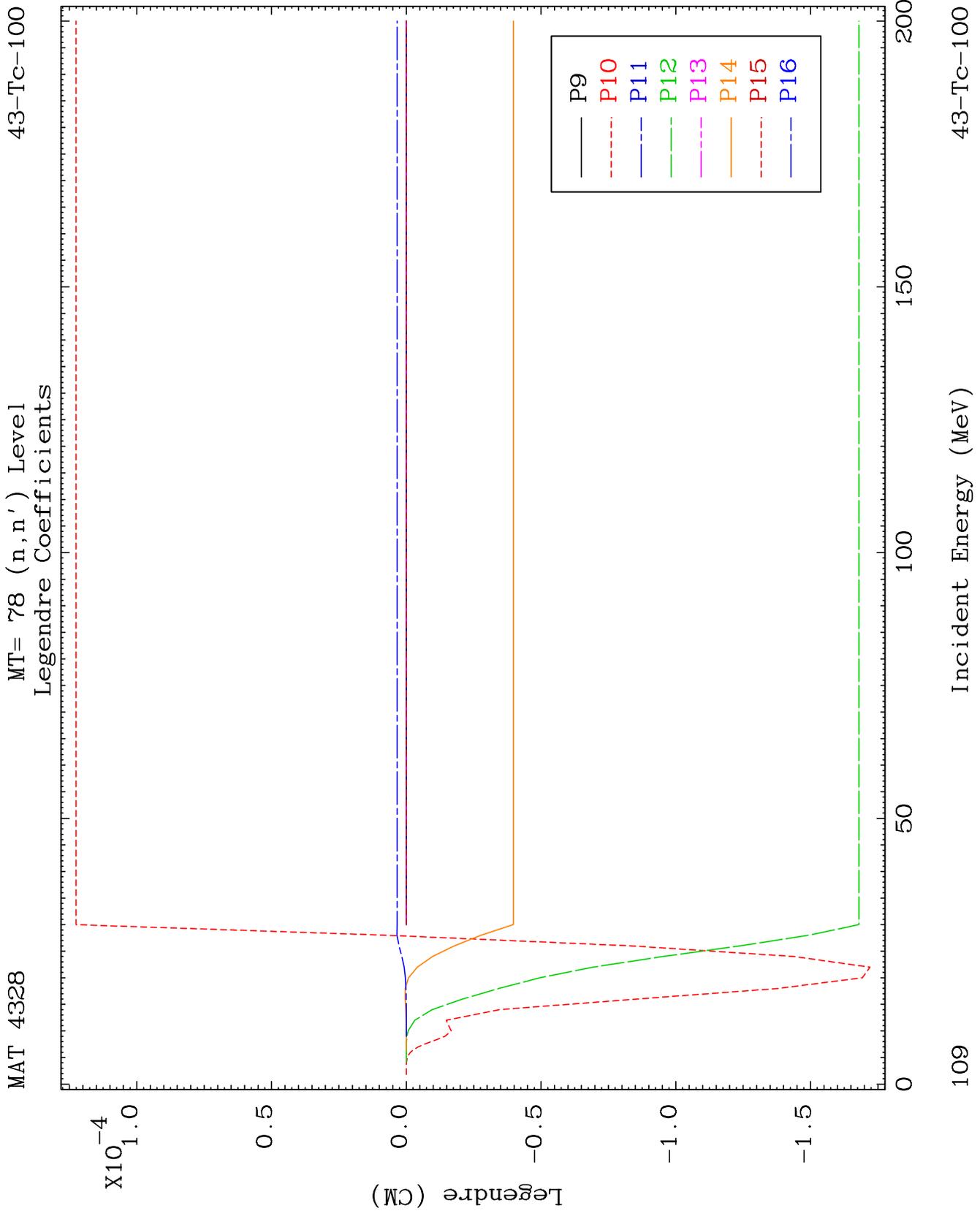
43-Tc-100



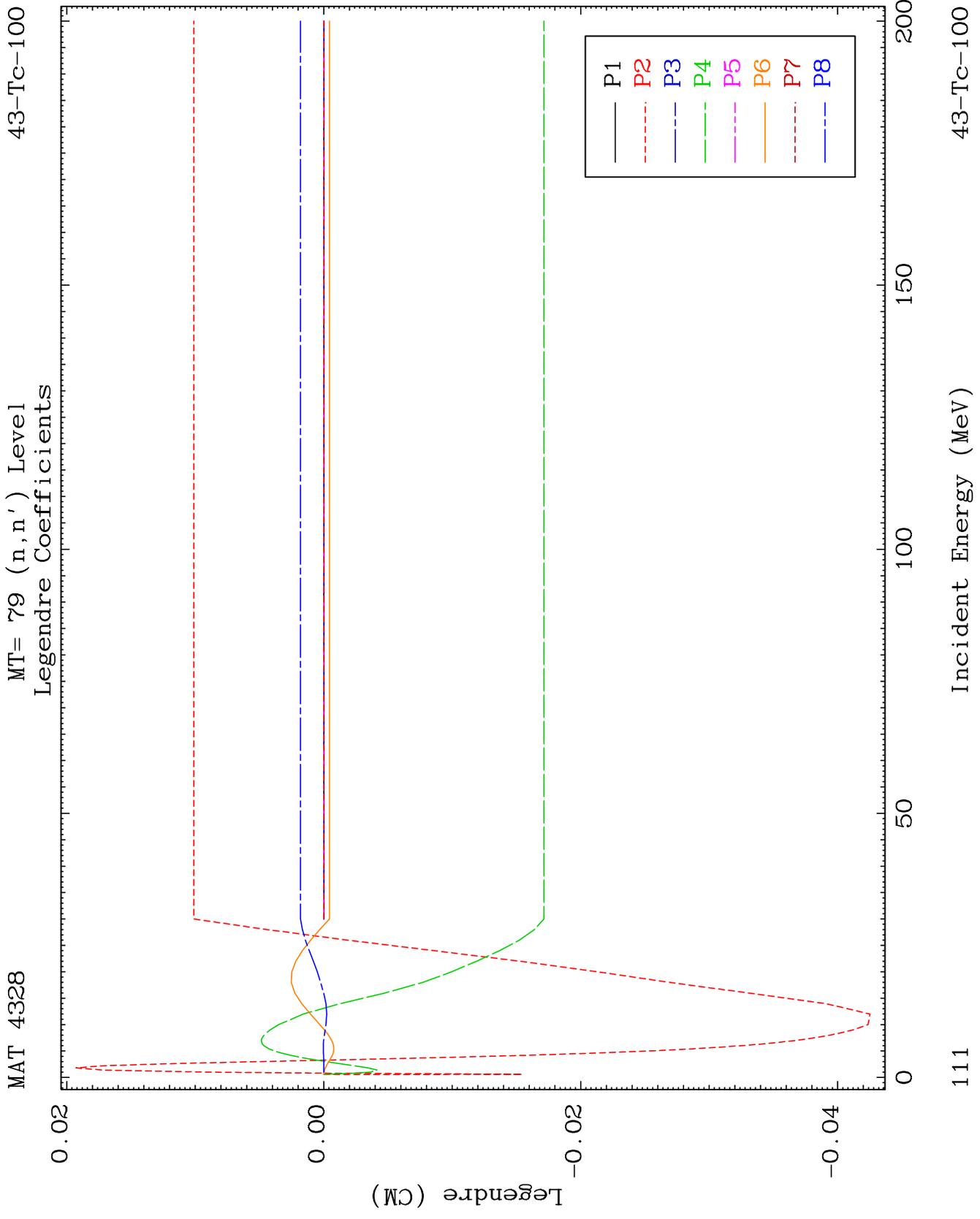








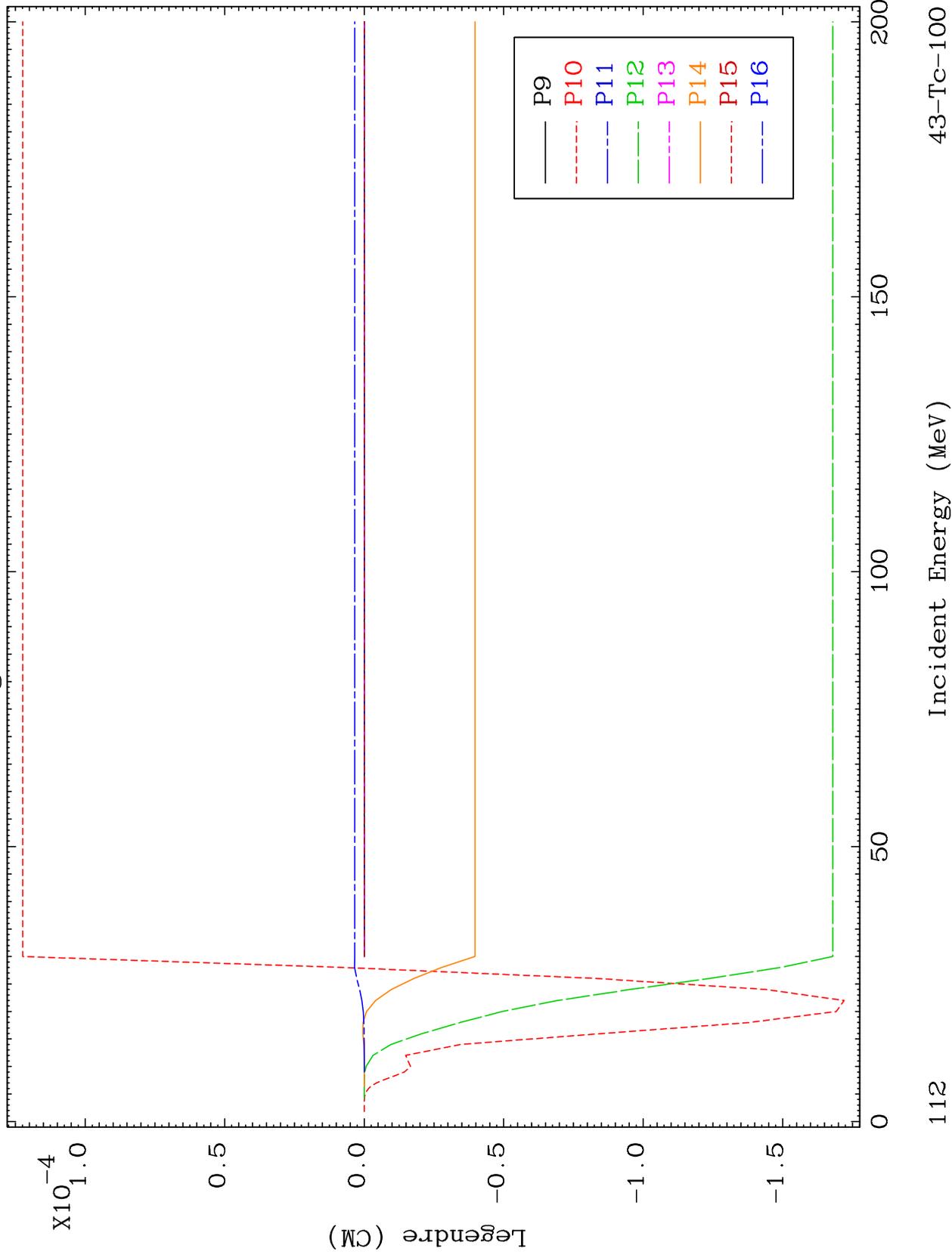




MAT 4328

MT= 79 (n,n') Level  
Legendre Coefficients

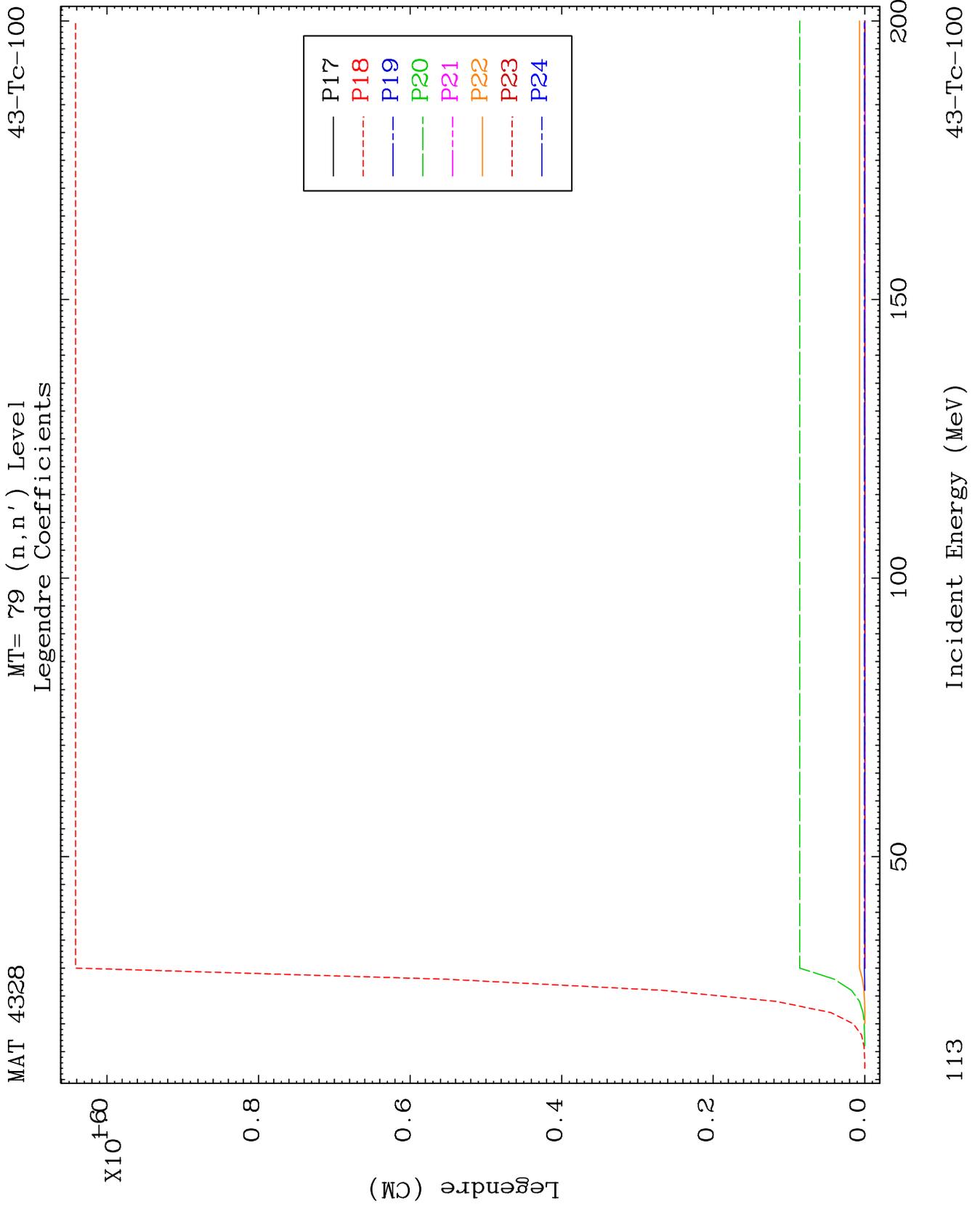
43-Tc-100



112

Incident Energy (MeV)

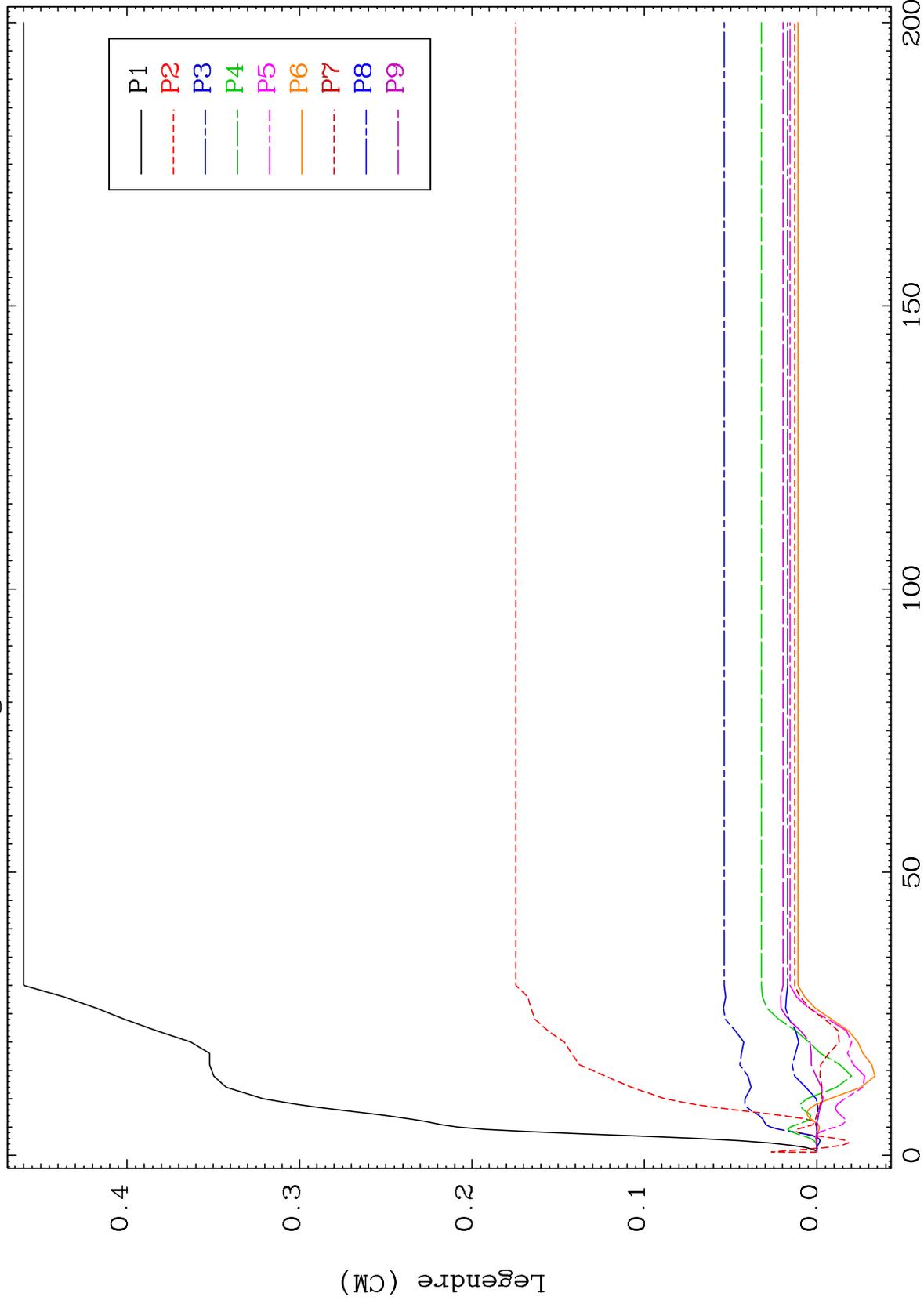
43-Tc-100



MAT 4328

MT= 80 (n,n') Level  
Legendre Coefficients

43-Tc-100



114

Incident Energy (MeV)

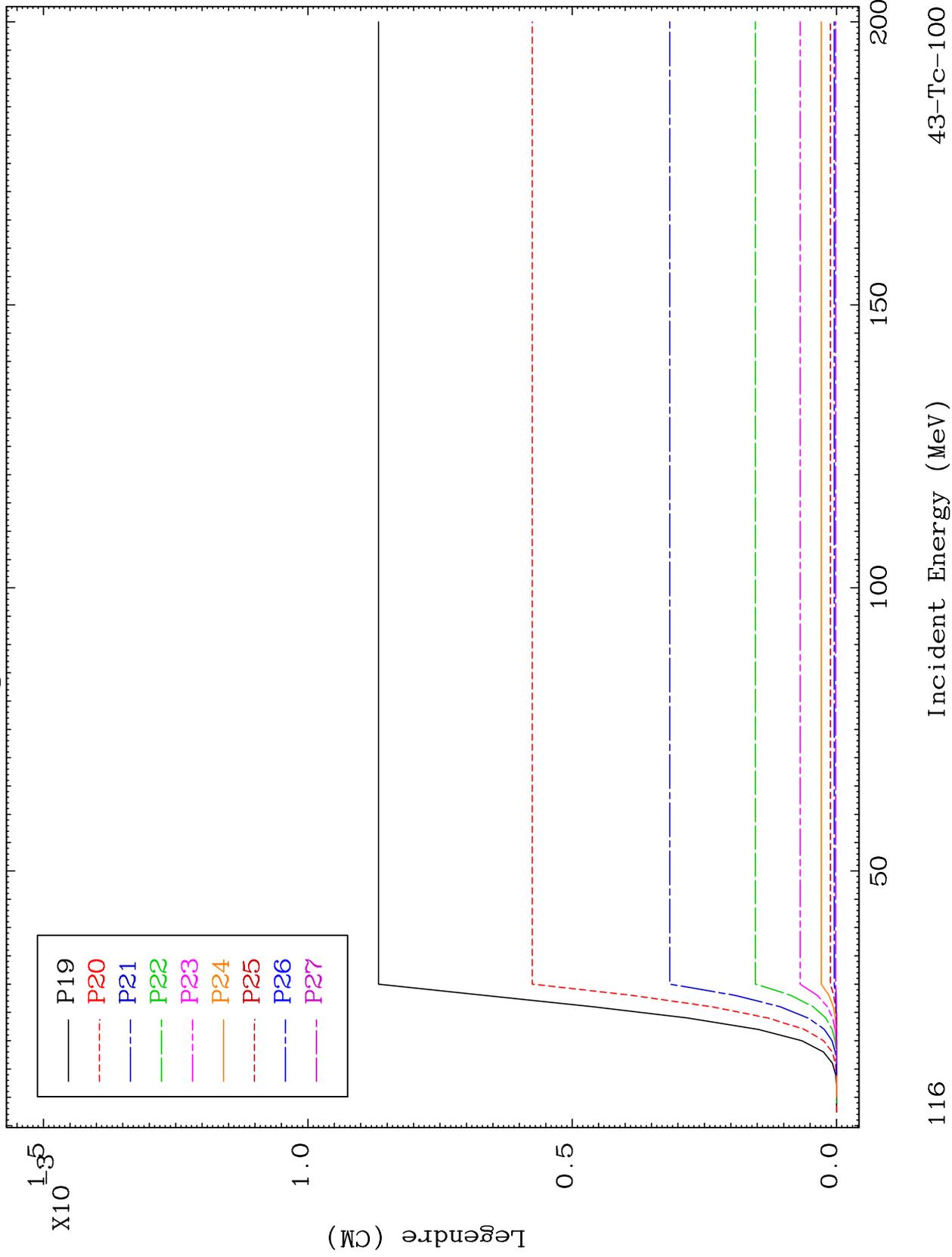
43-Tc-100



MAT 4328

MT= 80 (n,n') Level  
Legendre Coefficients

43-Tc-100



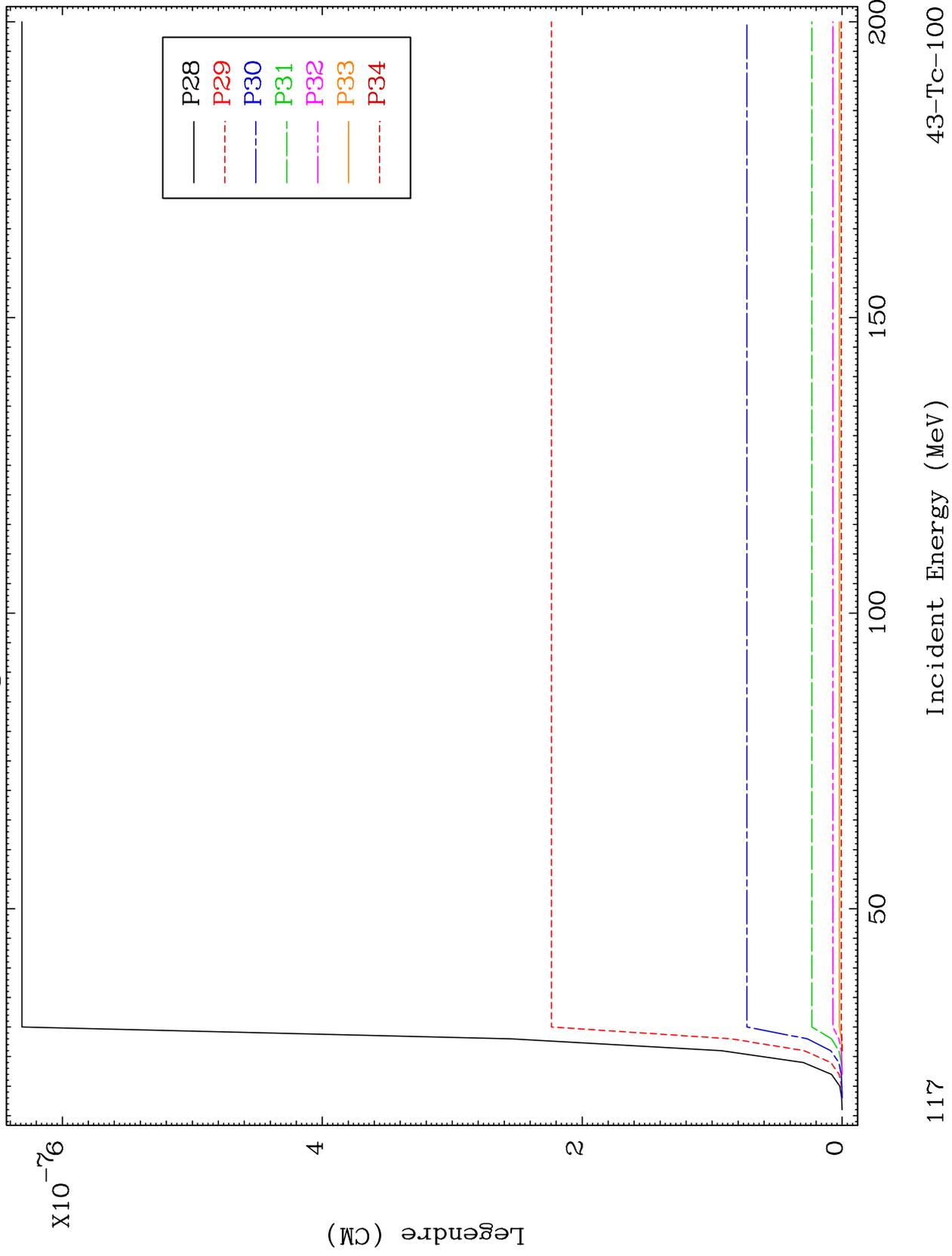
116

43-Tc-100

MAT 4328

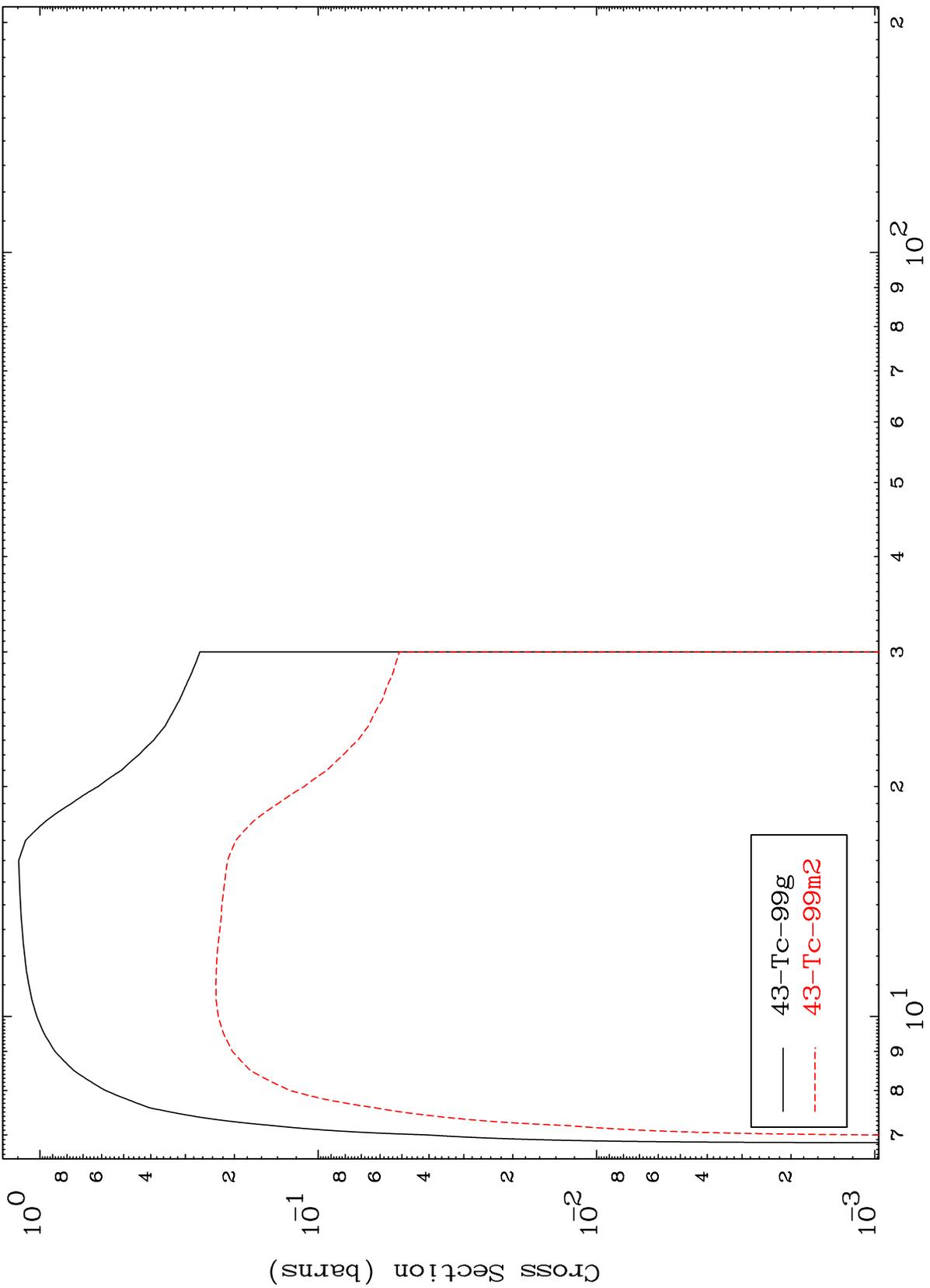
MT= 80 (n,n') Level  
Legendre Coefficients

43-Tc-100



117

(n,2n)  
Radionuclide Production Cross Section

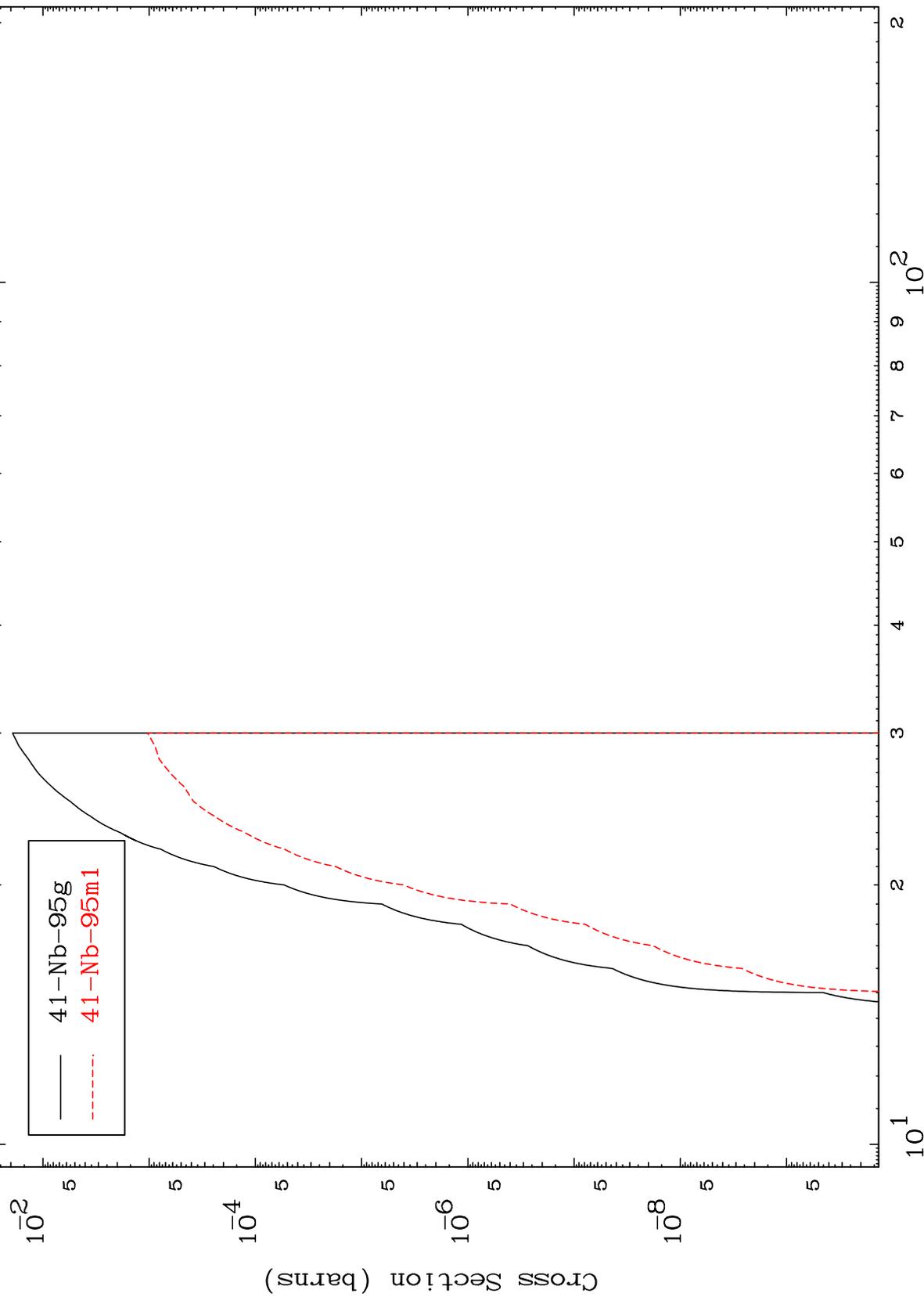


MAT 4328

(n,2n)  $\alpha$

43-Tc-100

Radionuclide Production Cross Section



41-Nb-95g  
41-Nb-95m1

119

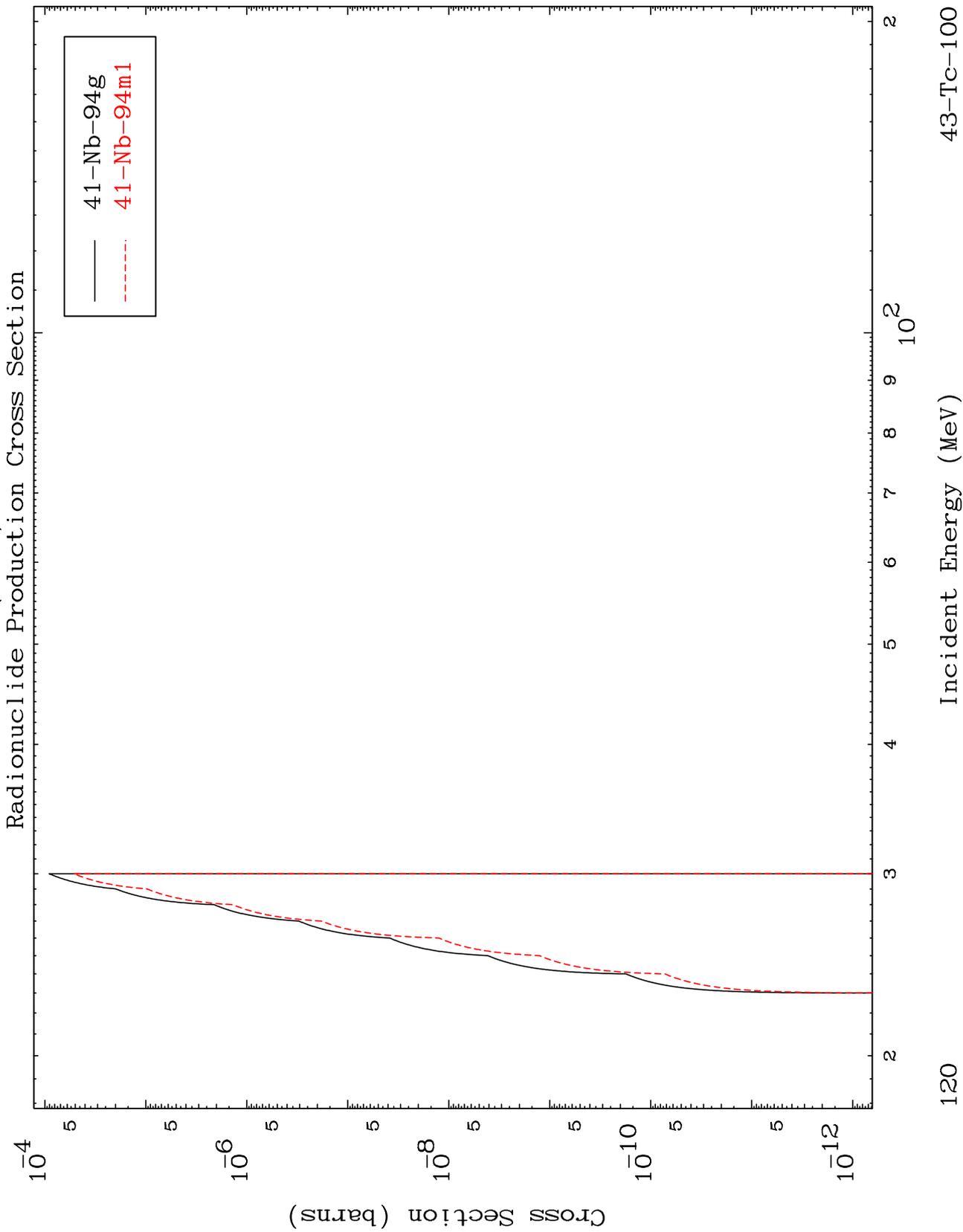
Incident Energy (MeV)

43-Tc-100

MAT 4328

(n,3n)  $\alpha$

43-Tc-100



120

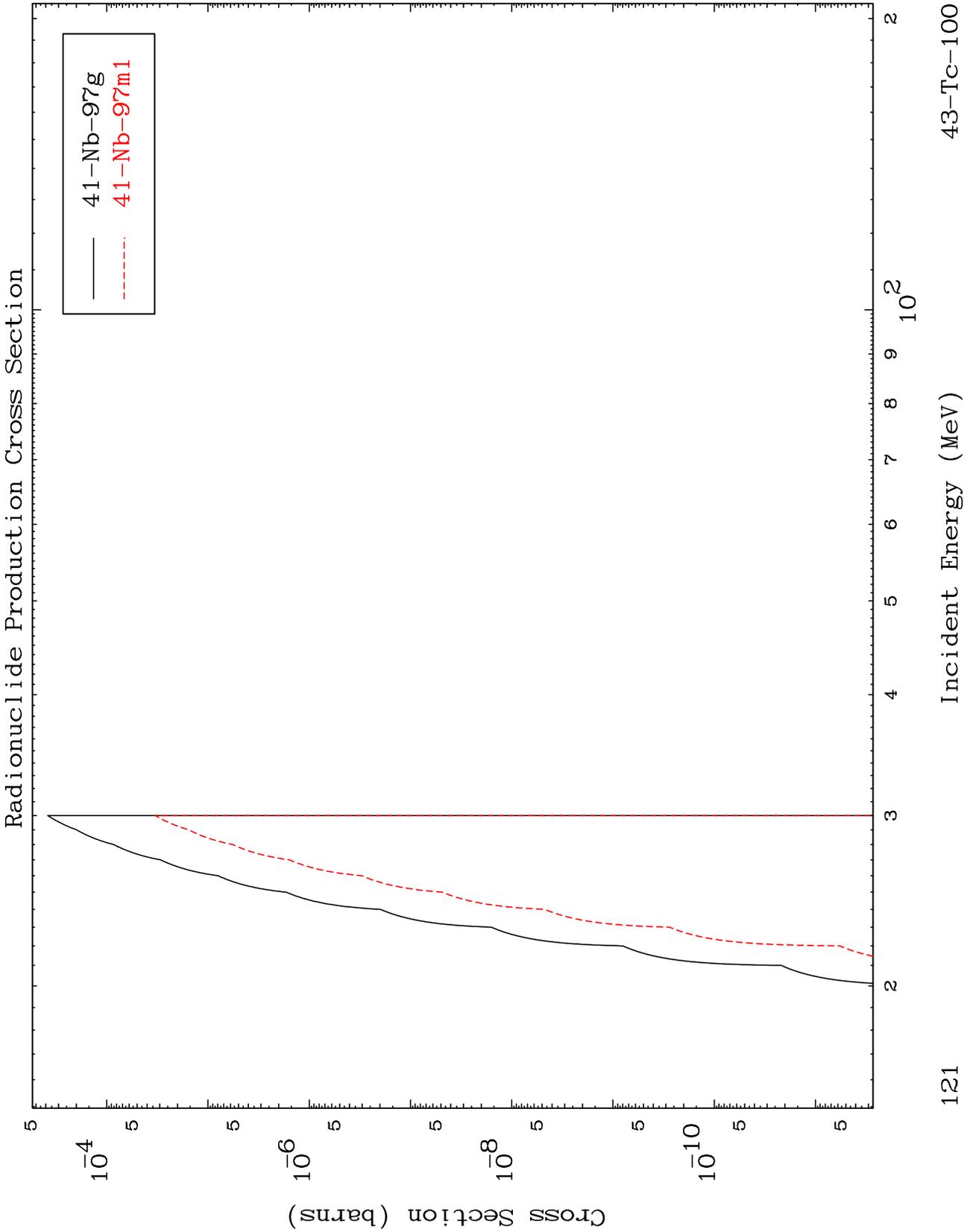
Incident Energy (MeV)

43-Tc-100

MAT 4328

(n,n') He-3

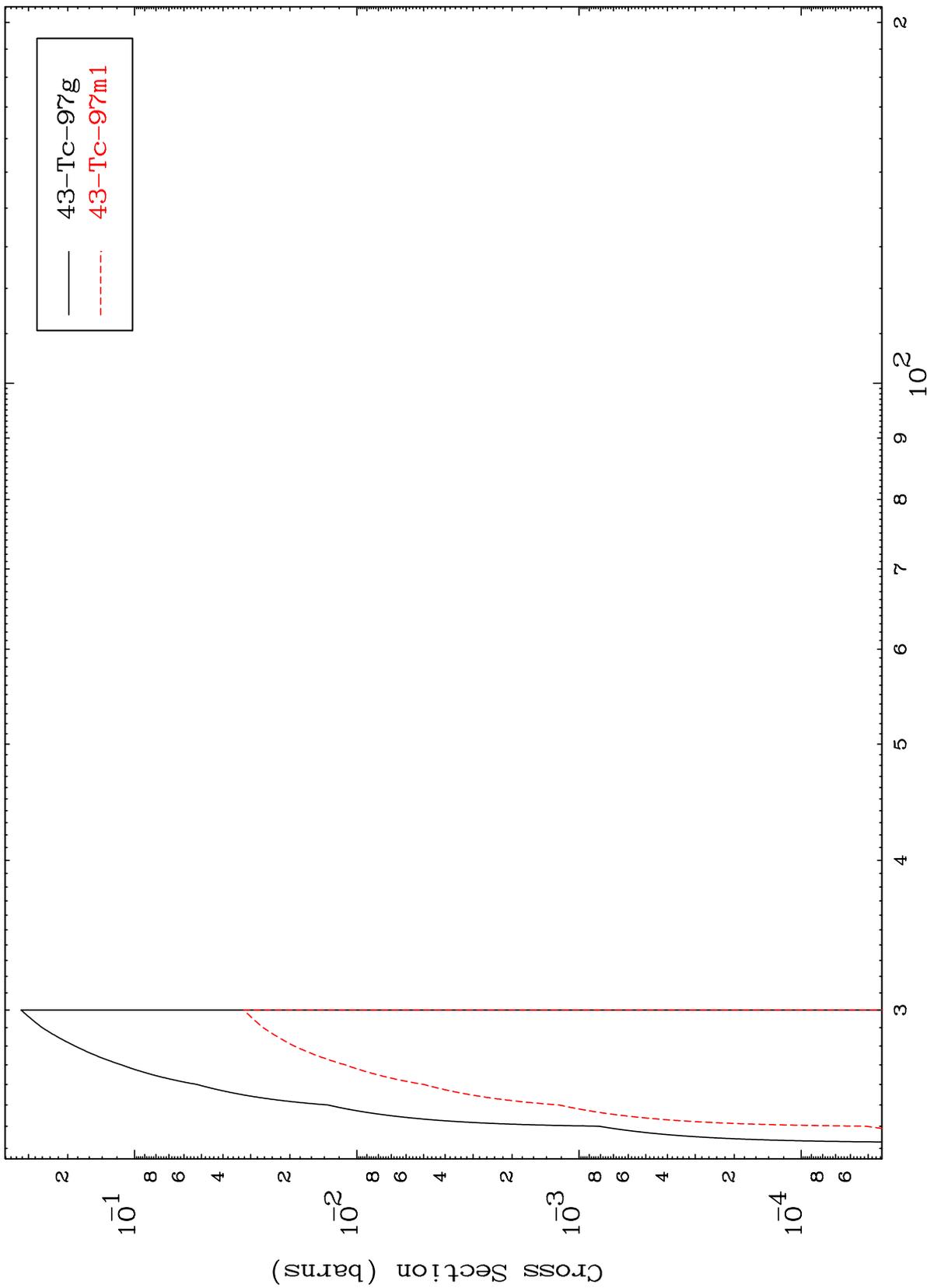
43-Tc-100

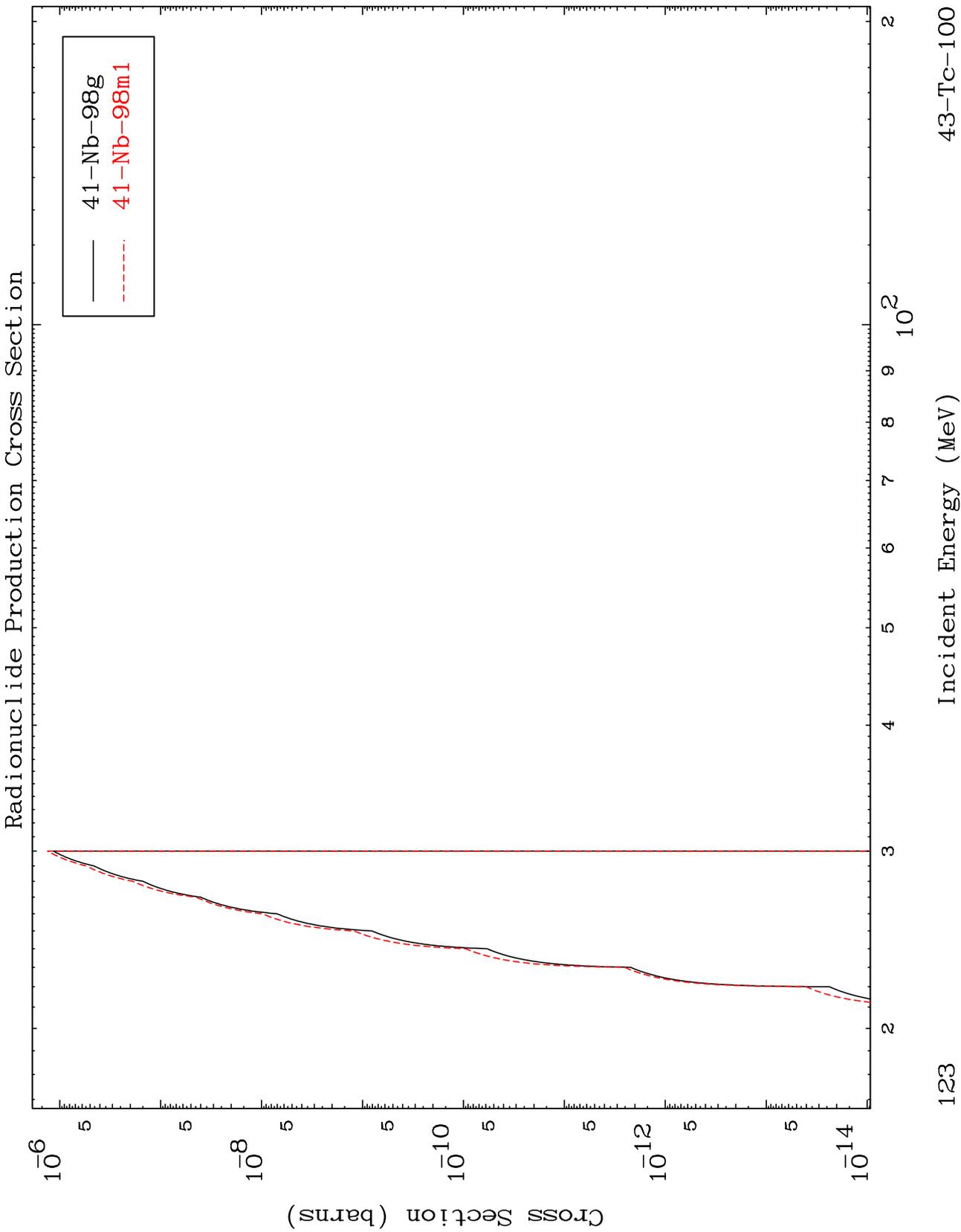


121

43-Tc-100

(n,4n)  
Radionuclide Production Cross Section



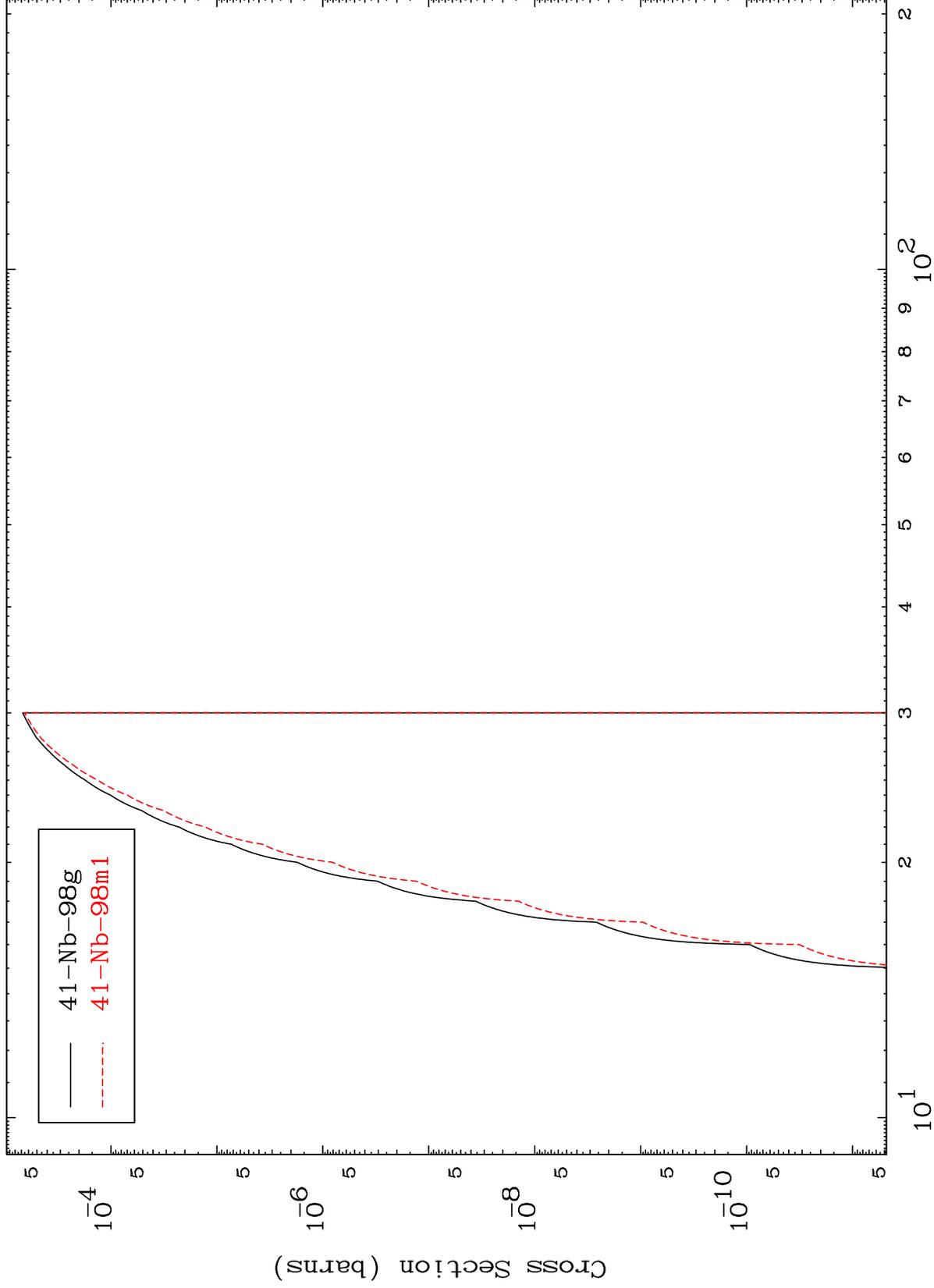


MAT 4328

(n,He-3)

43-Tc-100

Radionuclide Production Cross Section



Incident Energy (MeV)

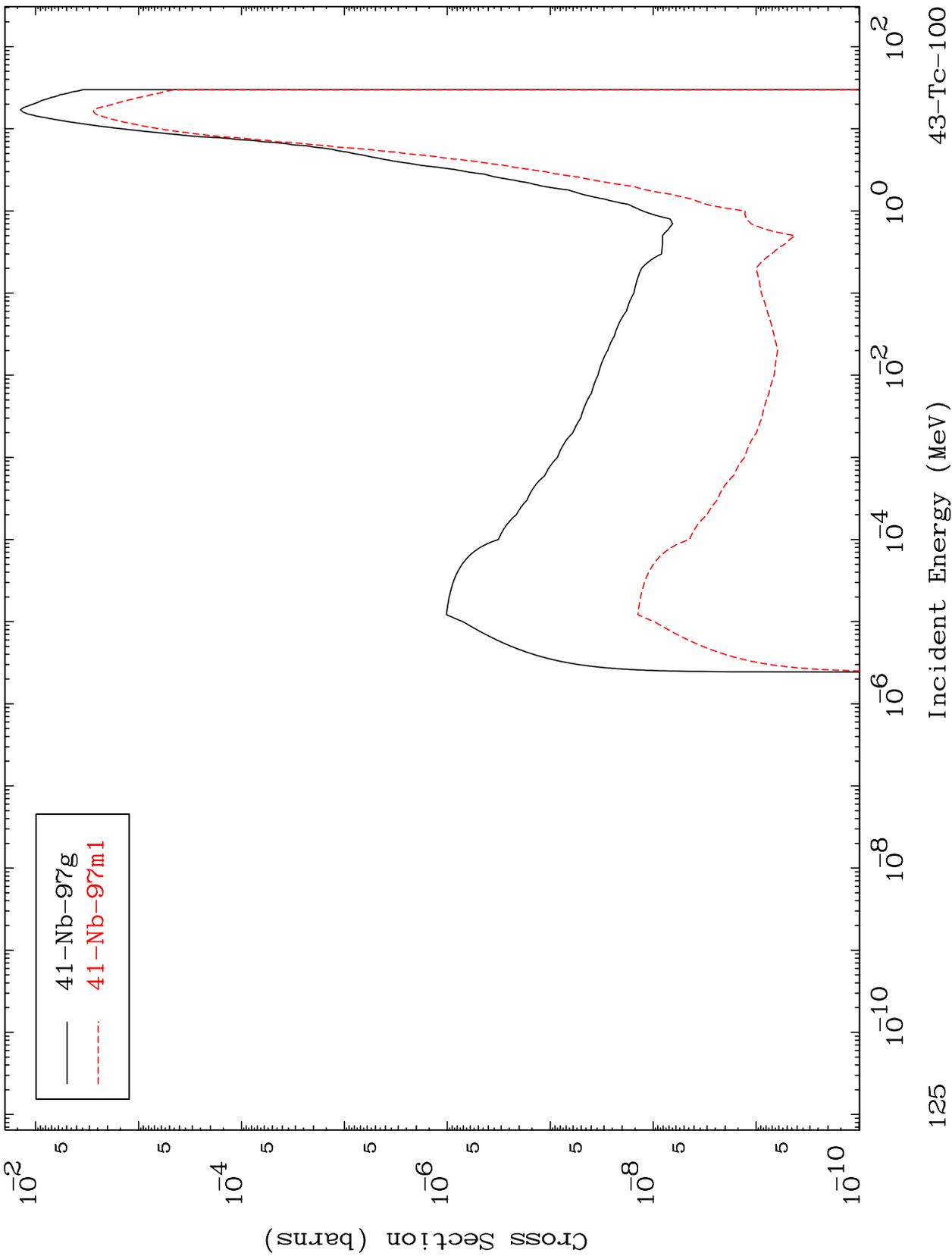
43-Tc-100

124

MAT 4328

43-Tc-100

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

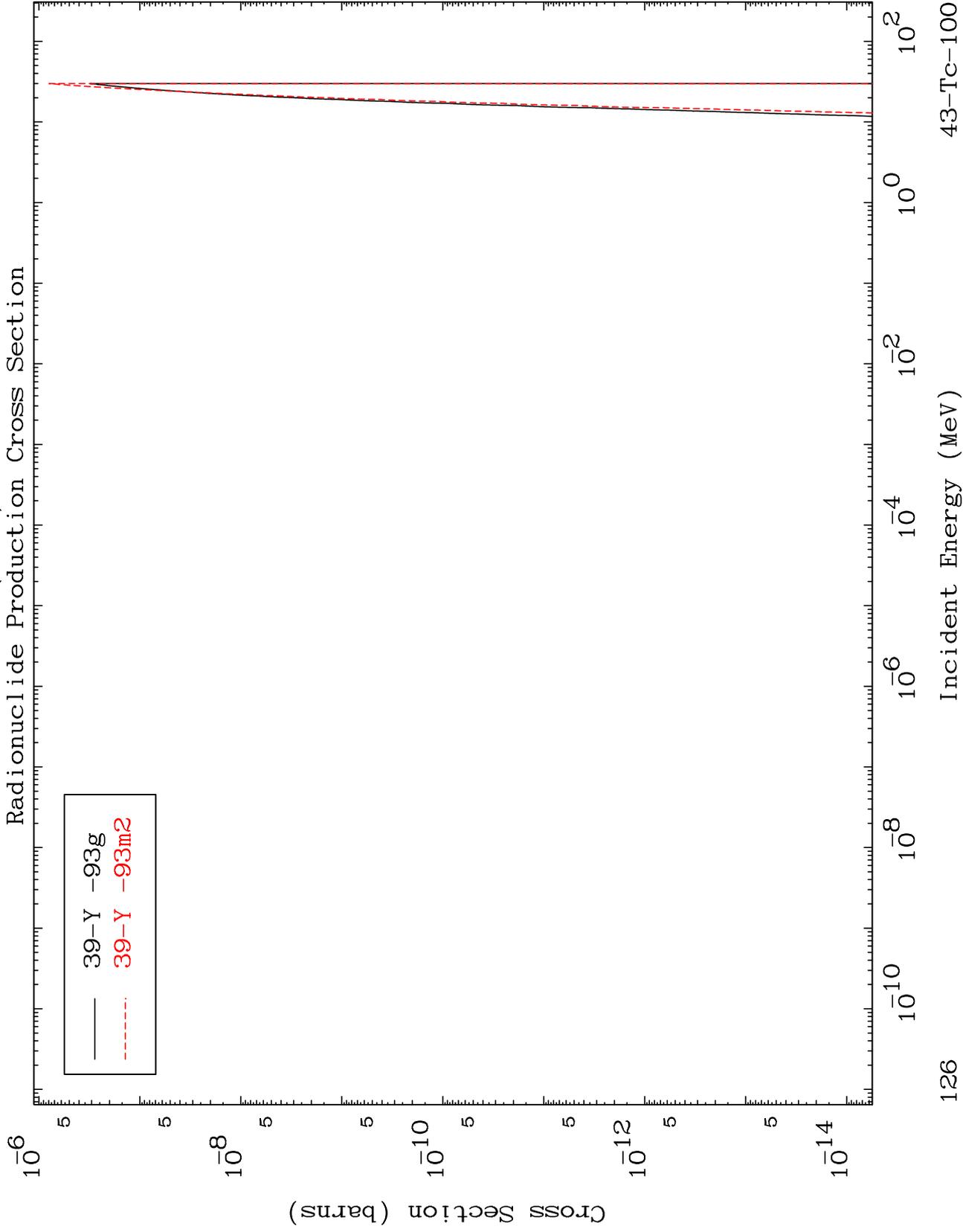


MAT 4328

(n,2α)

43-Tc-100

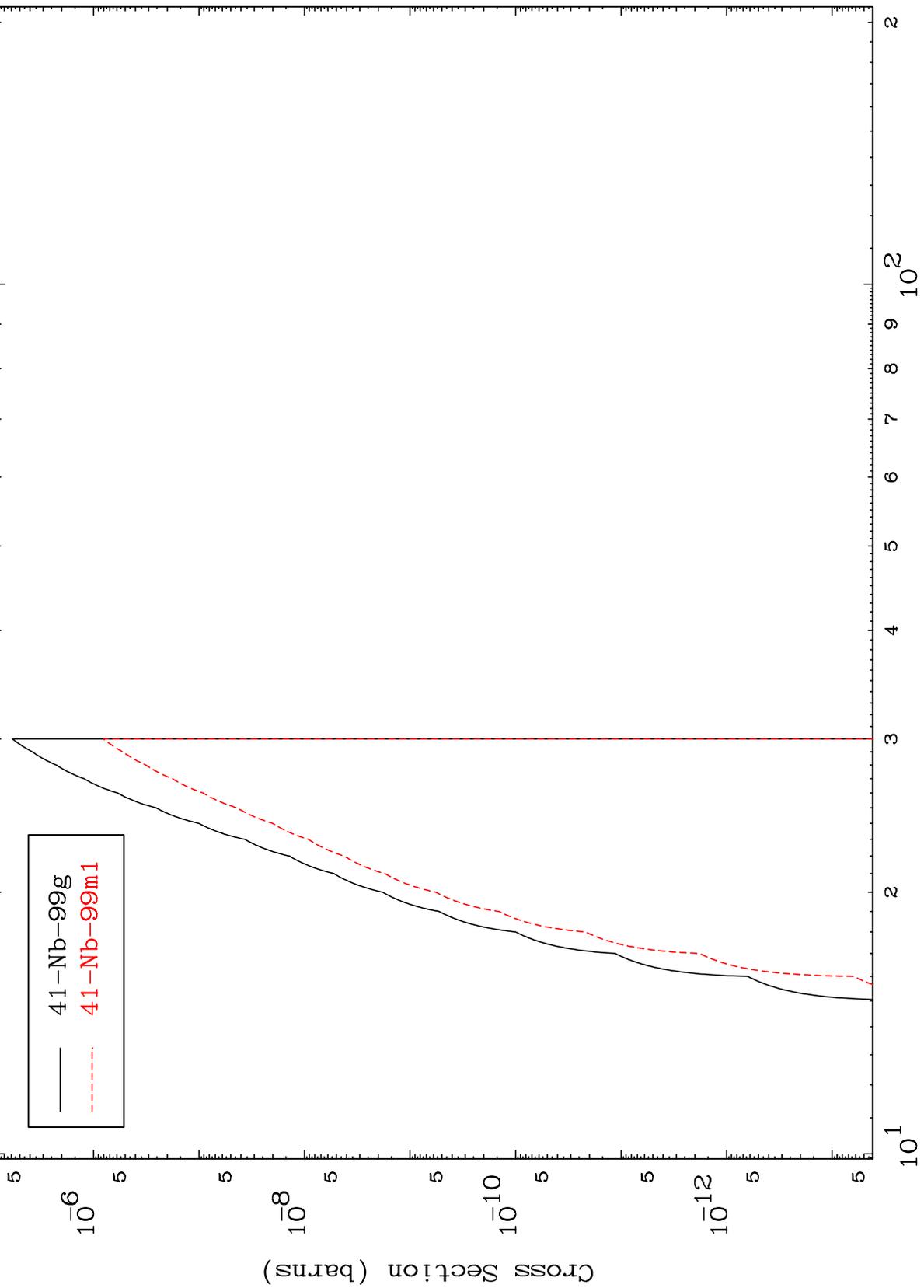
Radionuclide Production Cross Section



MAT 4328

43-Tc-100

(n,2p)  
Radionuclide Production Cross Section

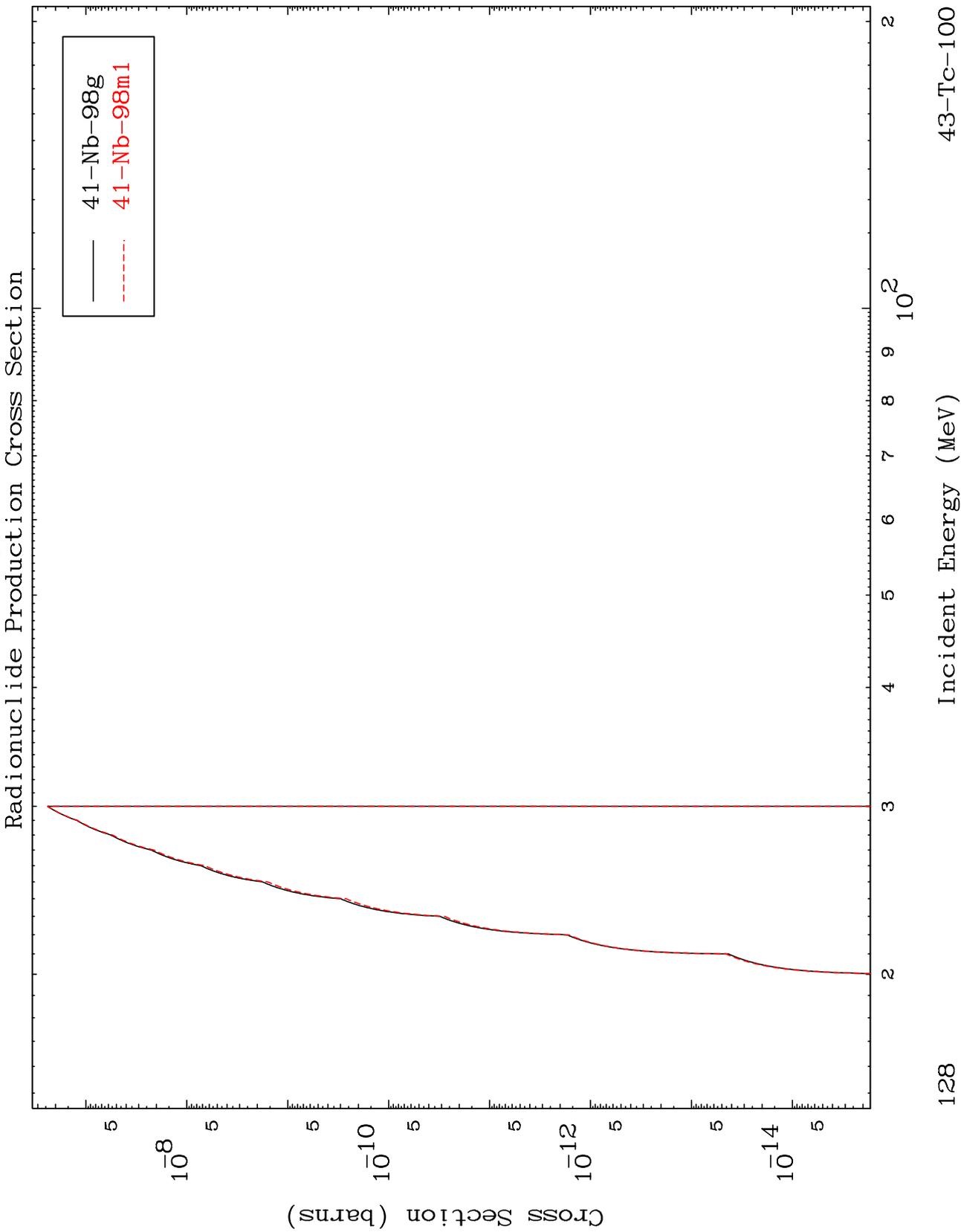


— 41-Nb-99g  
- - - 41-Nb-99m1

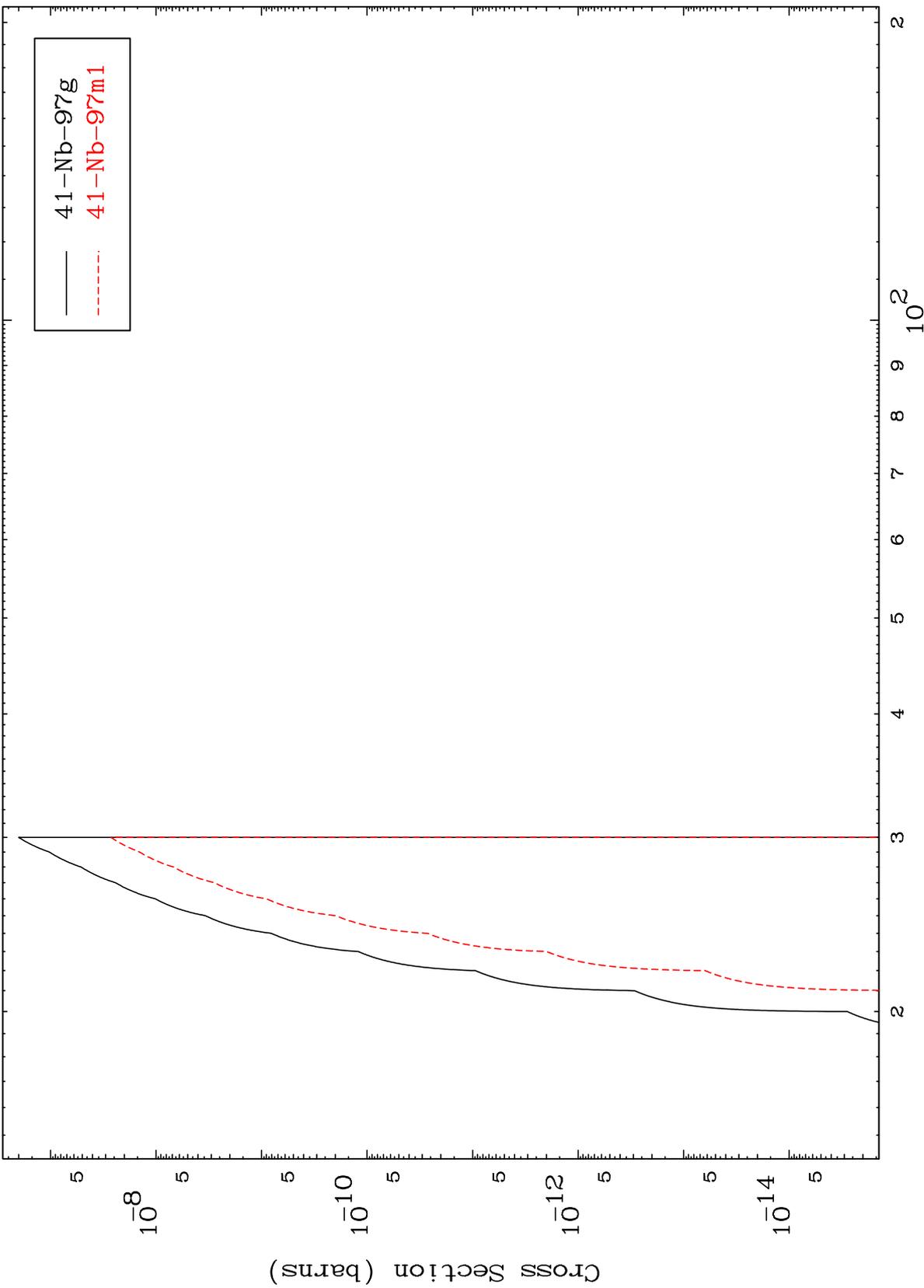
Incident Energy (MeV)

43-Tc-100

127



Radionuclide Production Cross Section



41-Nb-97g  
41-Nb-97m1