

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

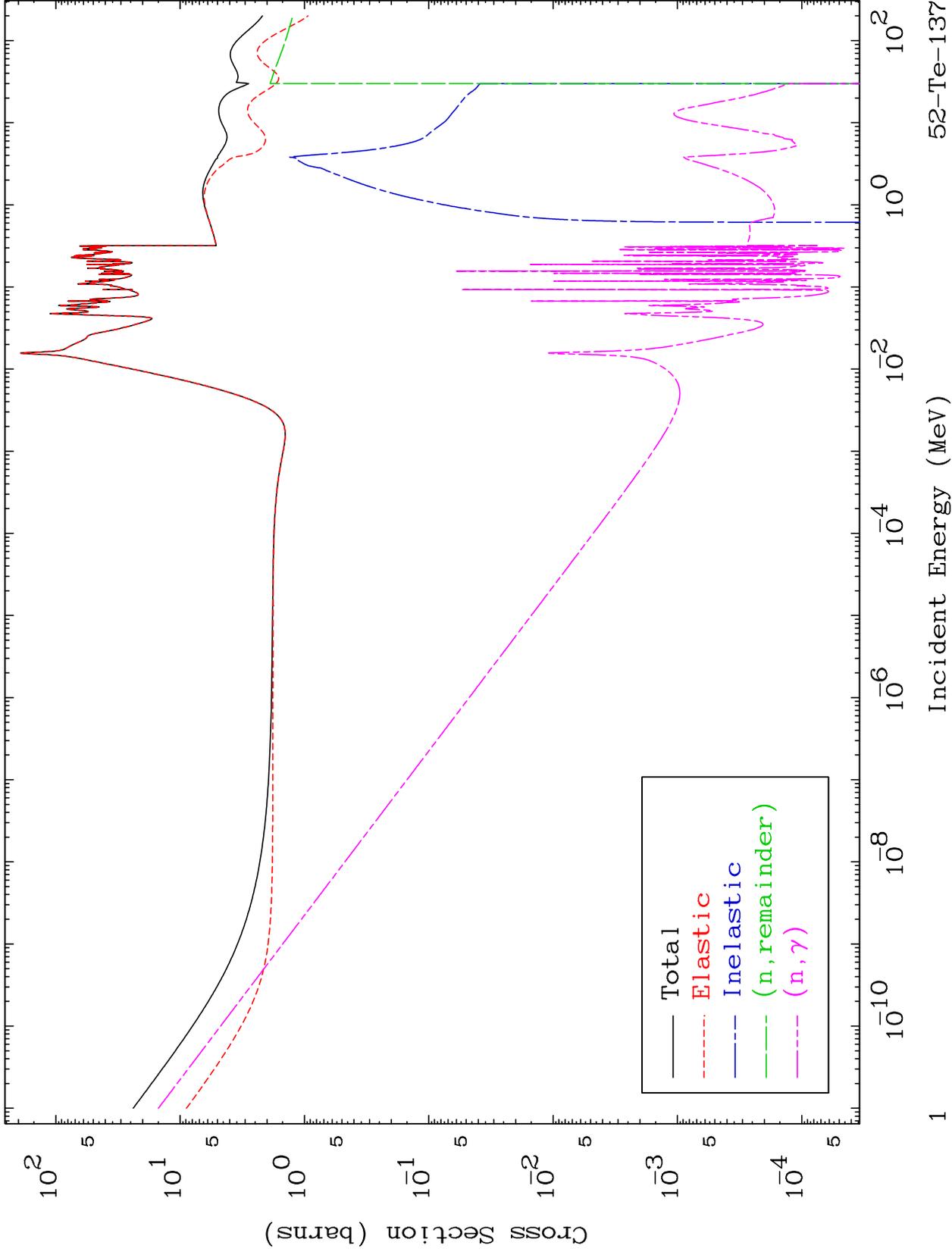
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Press Mouse Button to Start

MAT 5276

Major
293 Kelvin Cross Sections

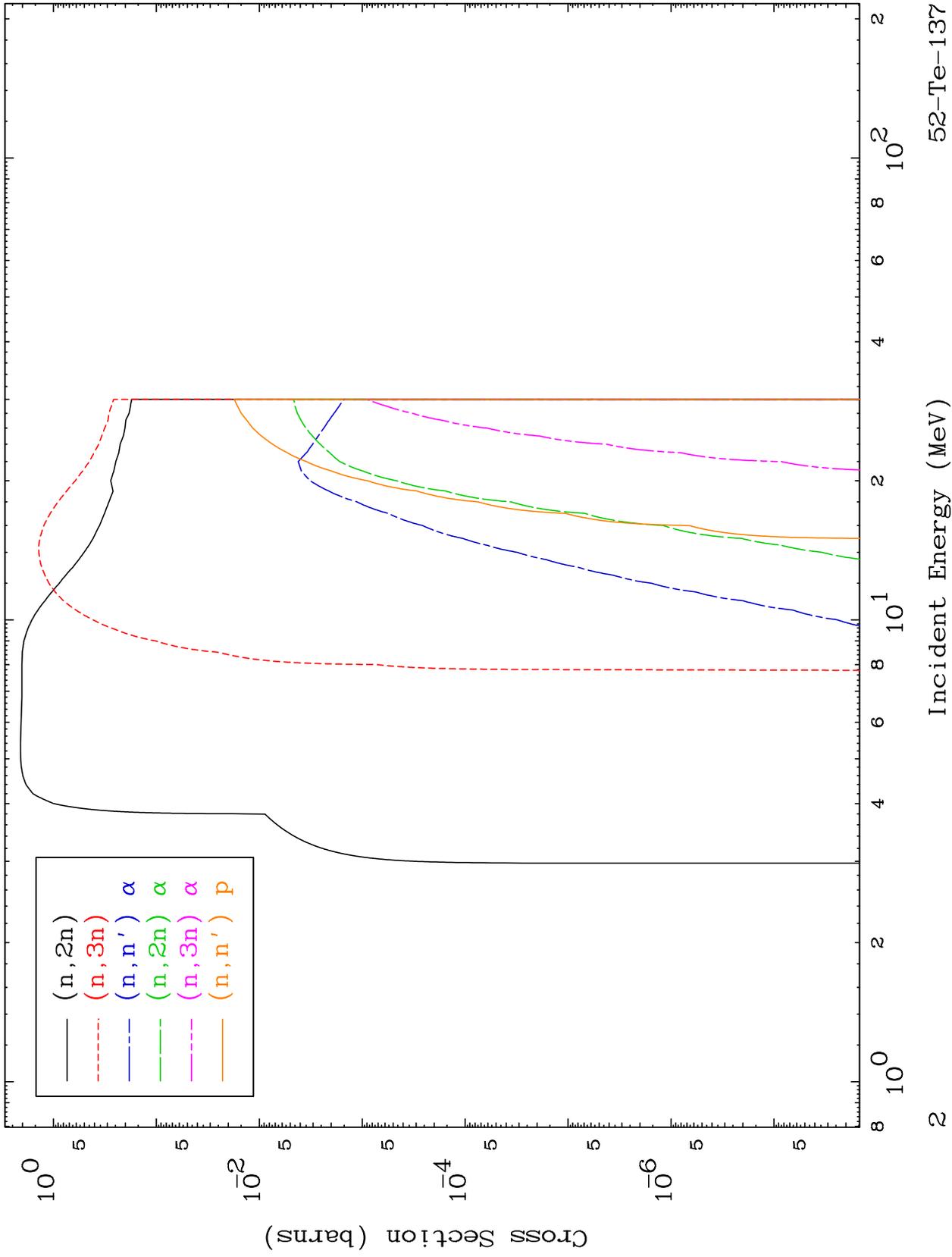
52-Te-137



MAT 5276

Neutron Production
293 Kelvin Cross Sections

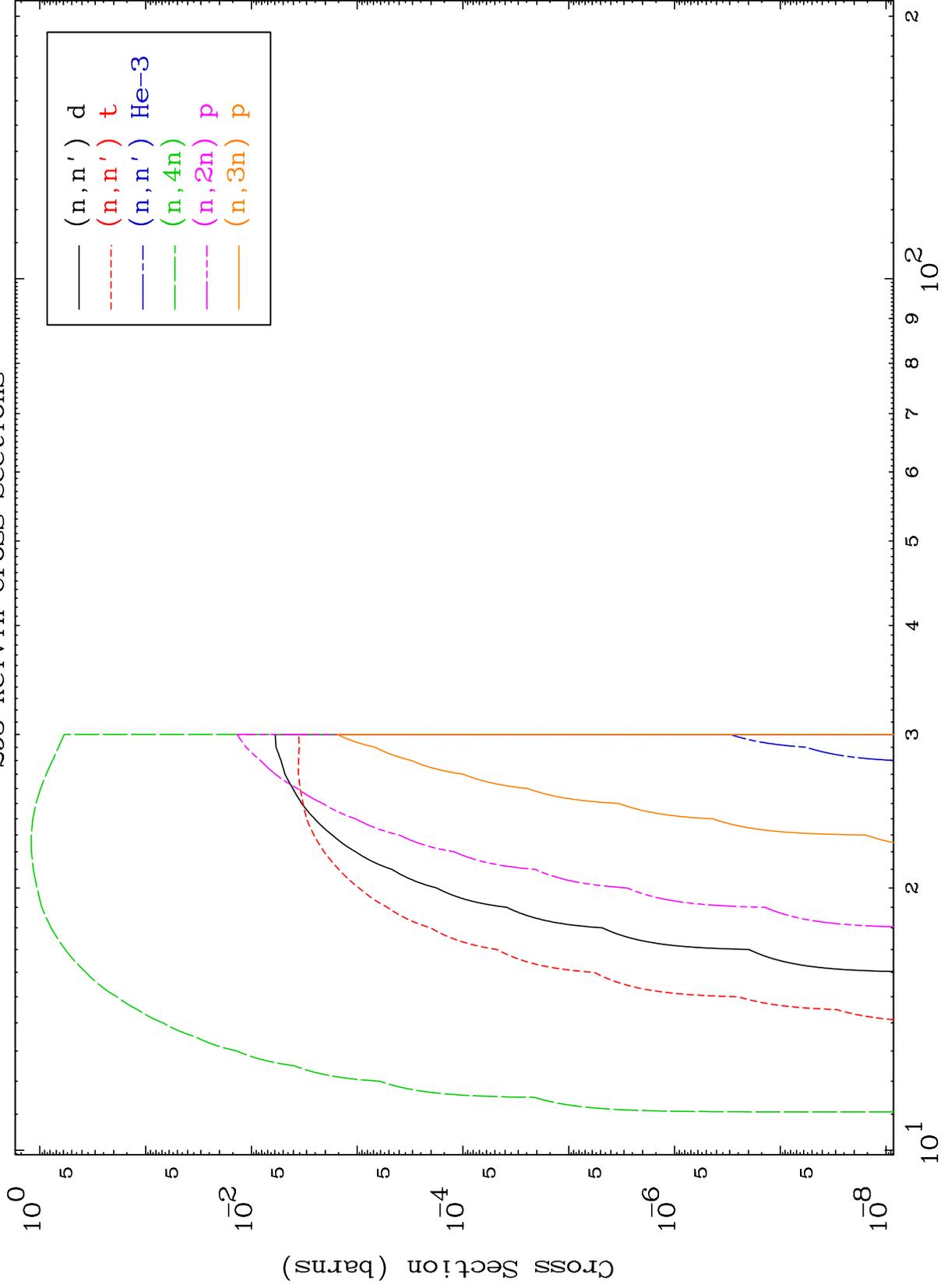
52-Te-137



MAT 5276

Neutron Production
293 Kelvin Cross Sections

52-Te-137



52-Te-137

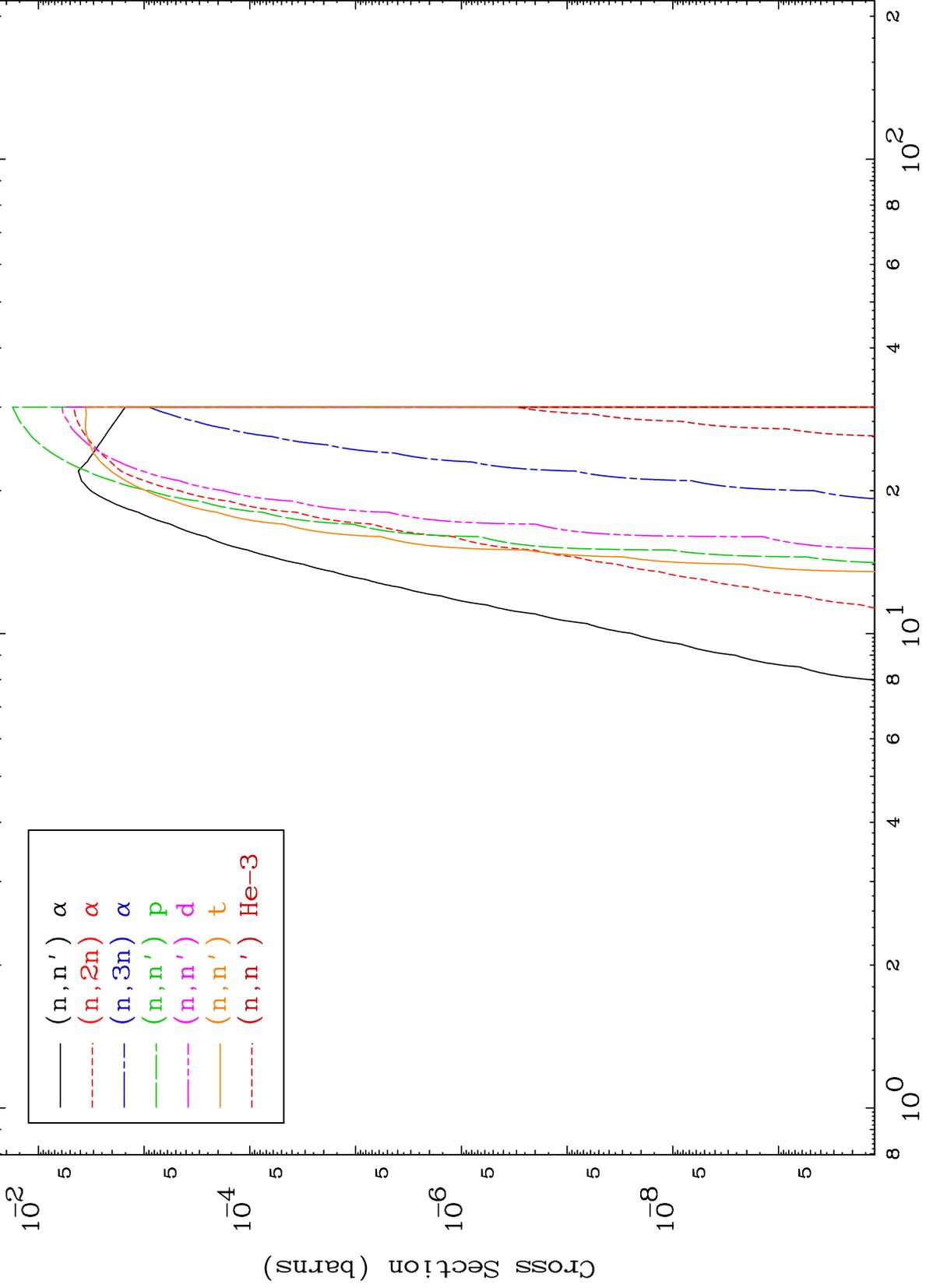
Incident Energy (MeV)

3

MAT 5276

Charged Particle
293 Kelvin Cross Sections

52-Te-137



4

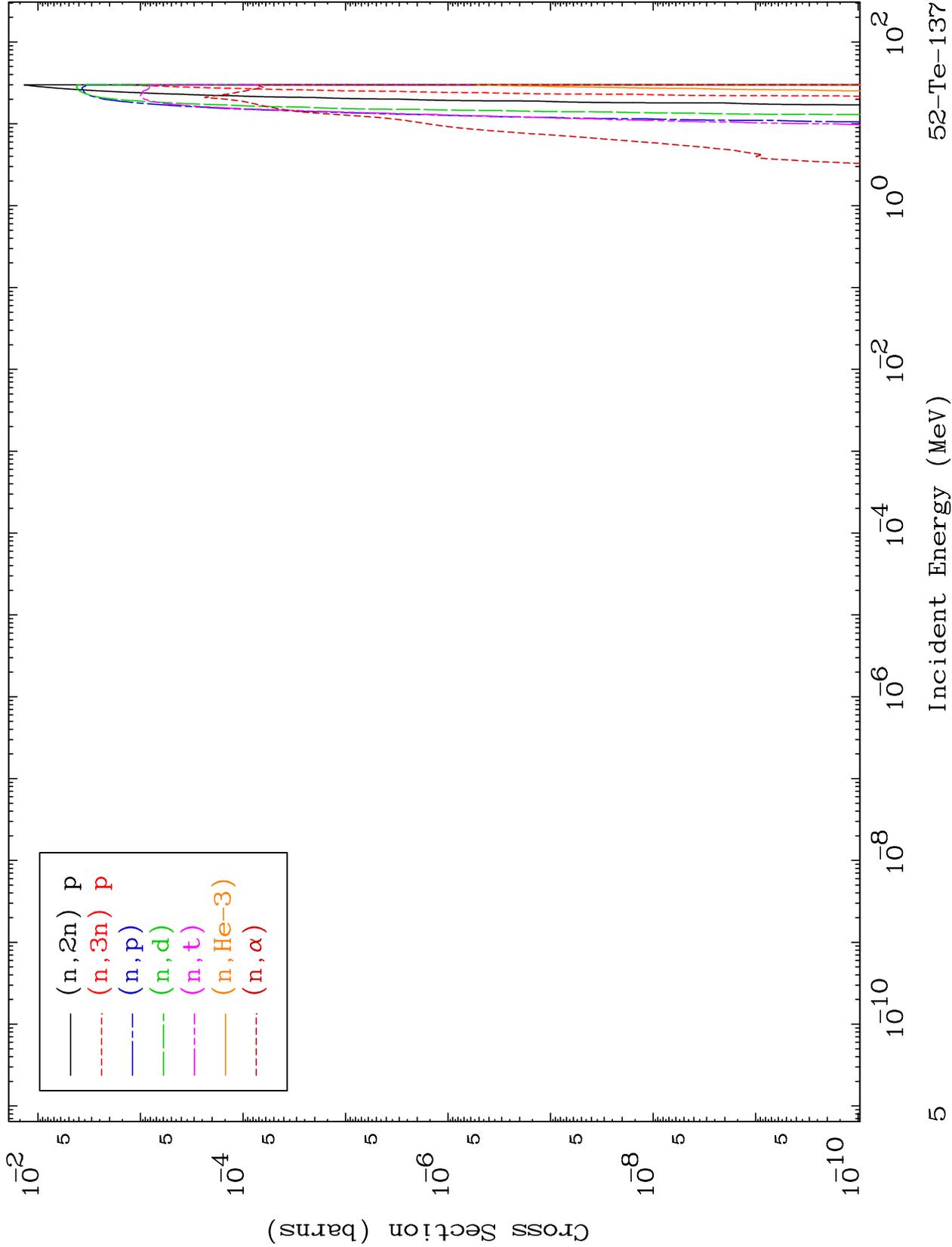
Incident Energy (MeV)

52-Te-137

MAT 5276

Charged Particle
293 Kelvin Cross Sections

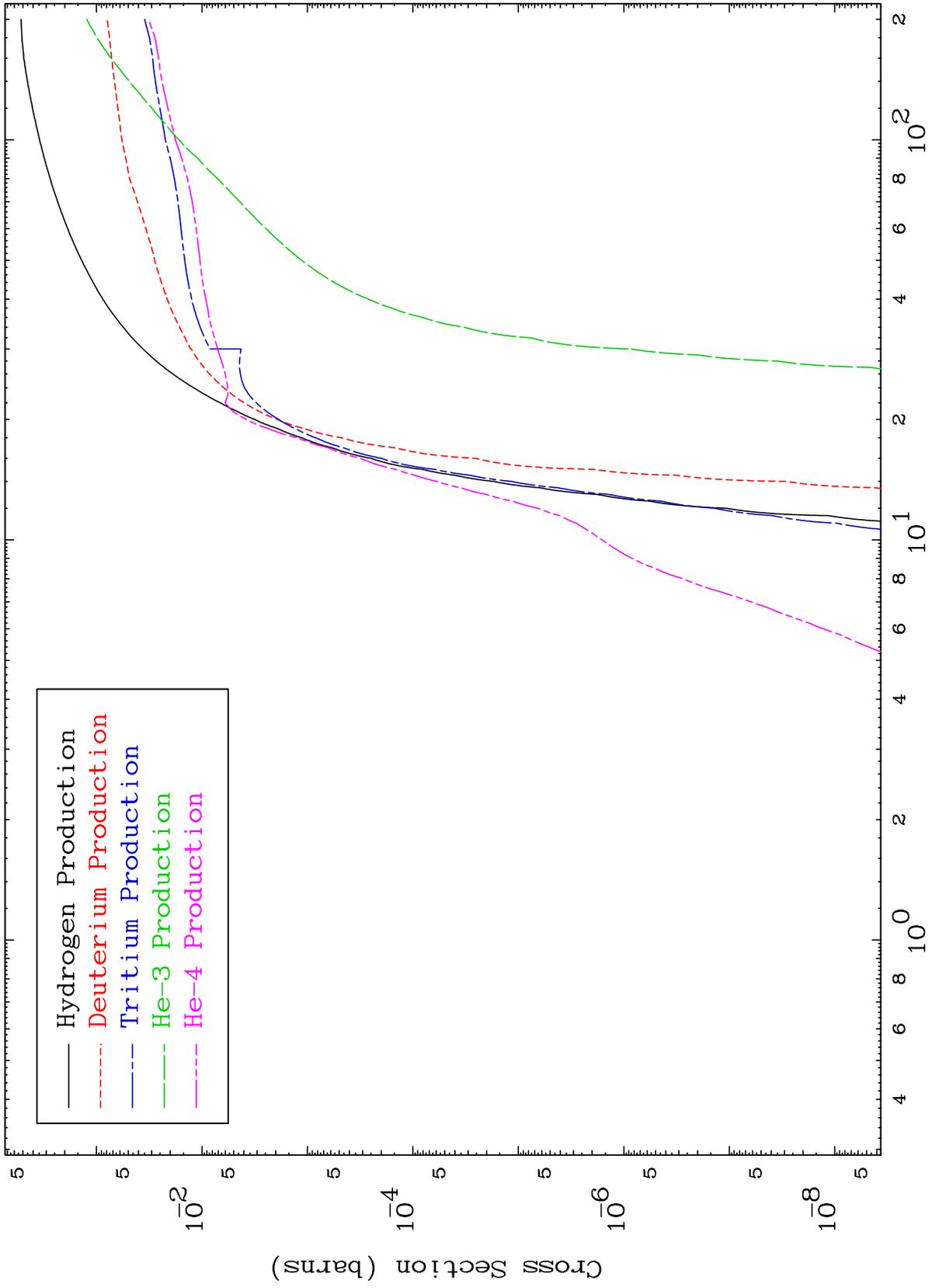
52-Te-137



MAT 5276

Particle Production
293 Kelvin Cross Sections

52-Te-137



6

Incident Energy (MeV)

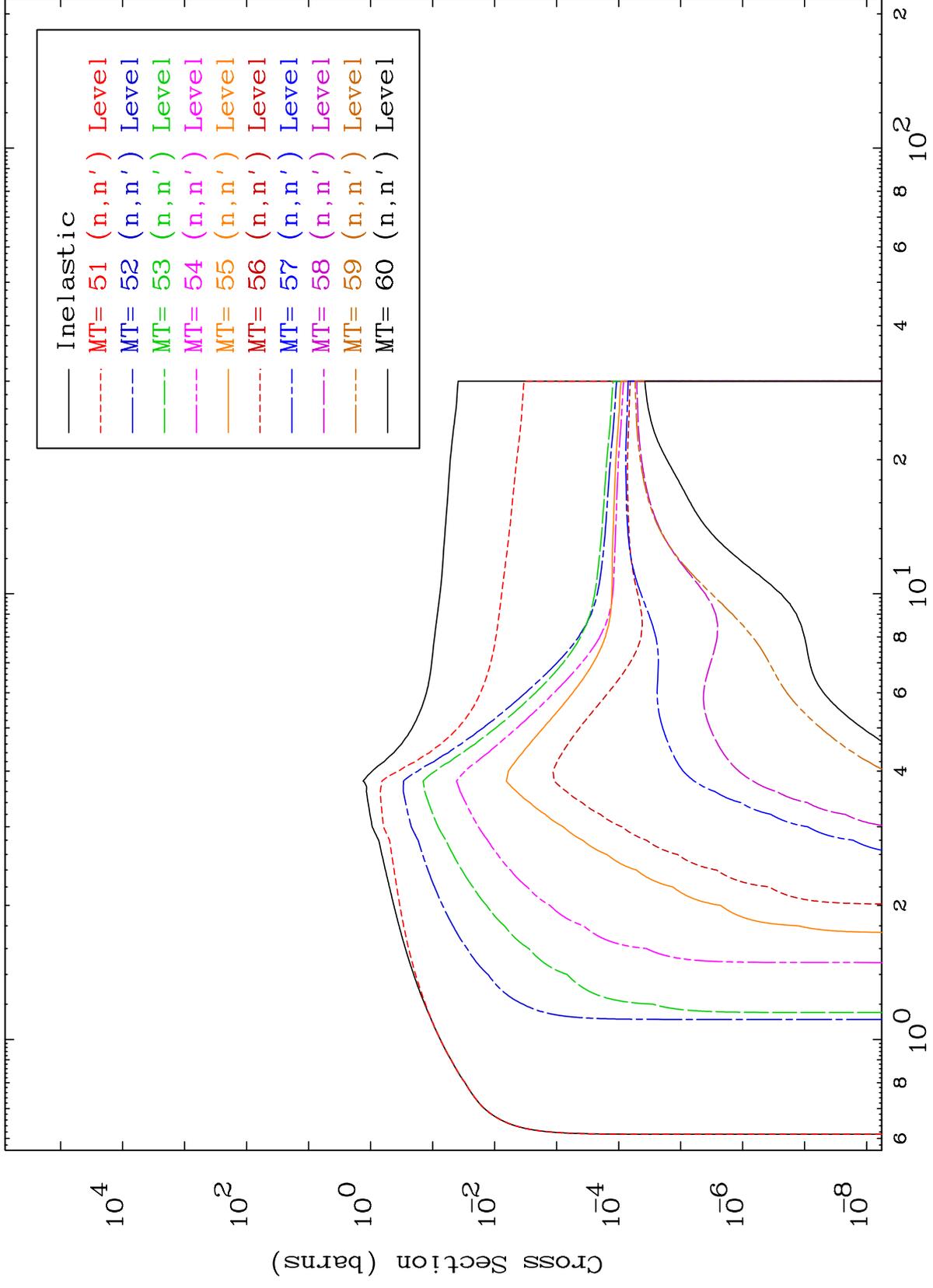
52-Te-137

MAT 5276

(n,n') Level

52-Te-137

293 Kelvin Cross Sections



Incident Energy (MeV)

52-Te-137

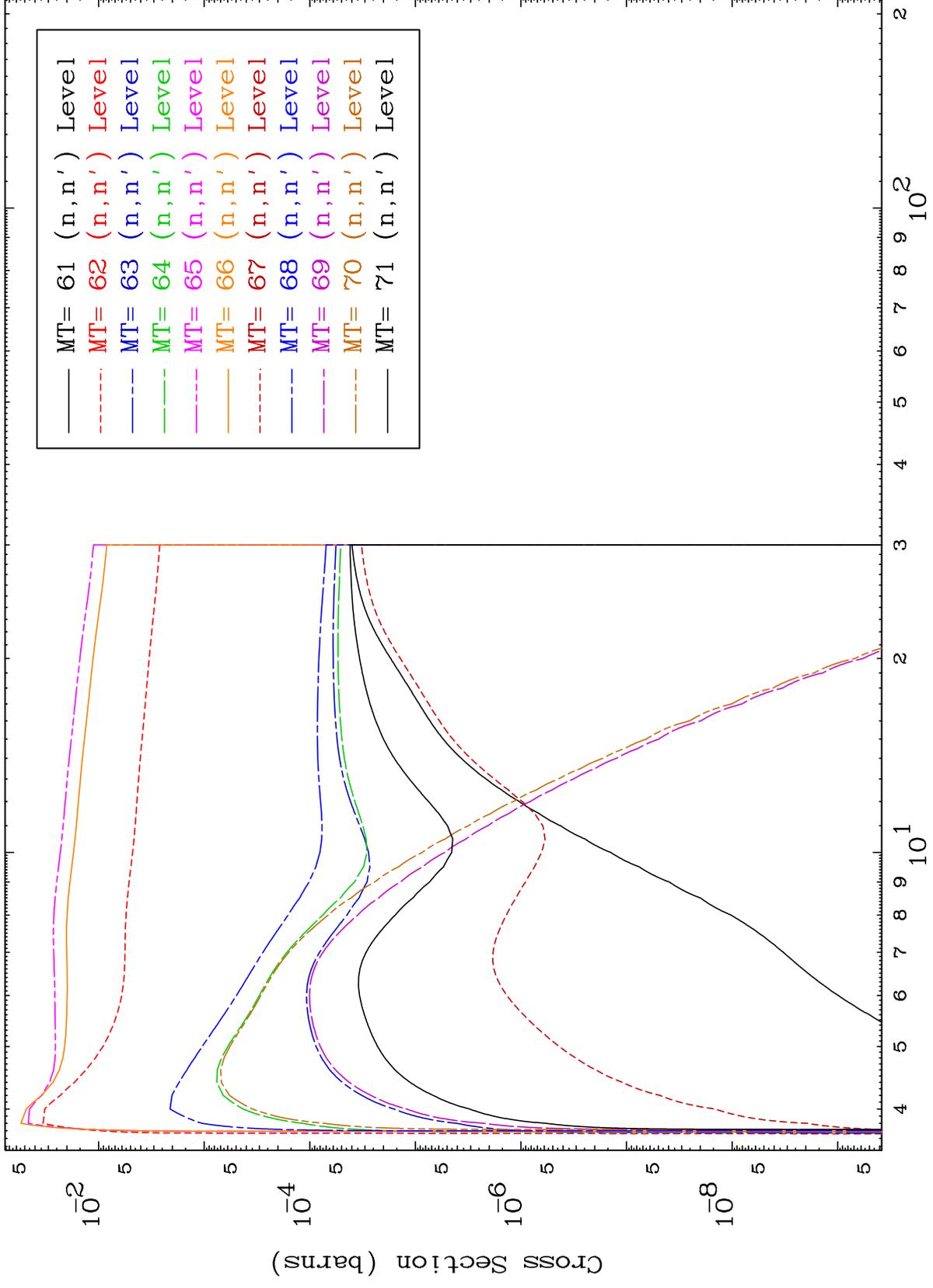
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MAT 5276

(n,n') Level

52-Te-137

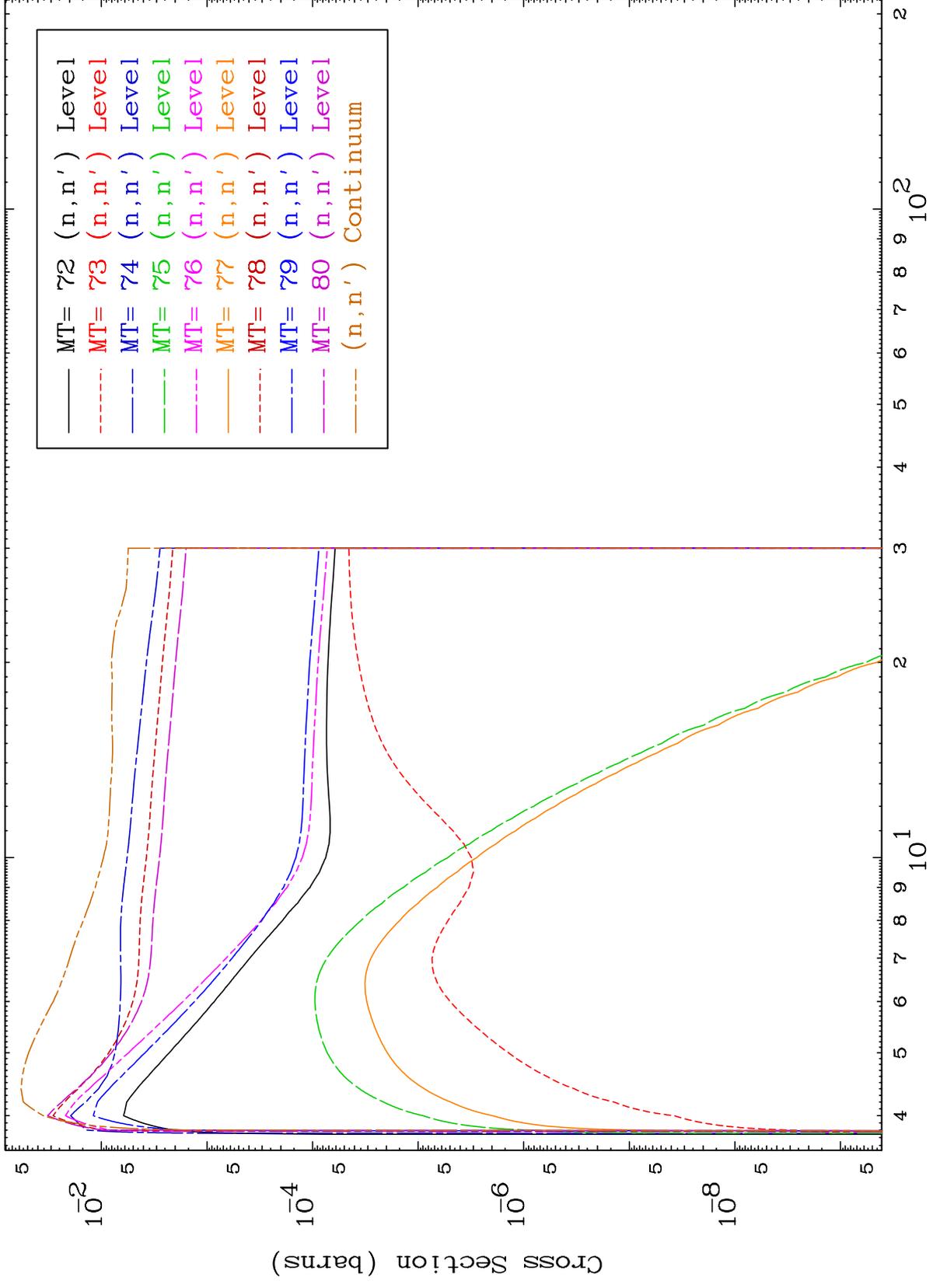
293 Kelvin Cross Sections



8

Incident Energy (MeV)

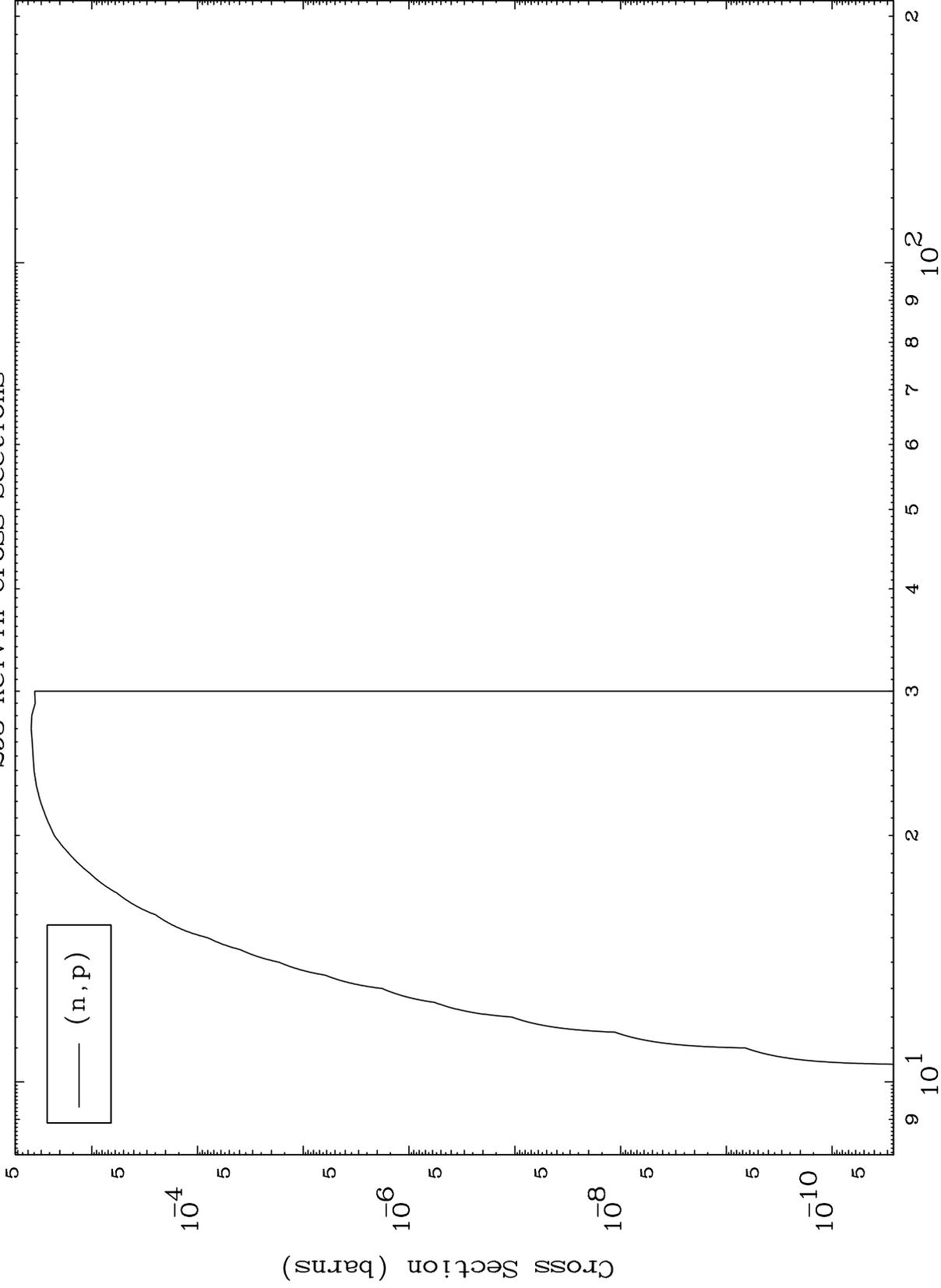
52-Te-137



MAT 5276

(n,p) Levels
293 Kelvin Cross Sections

52-Te-137



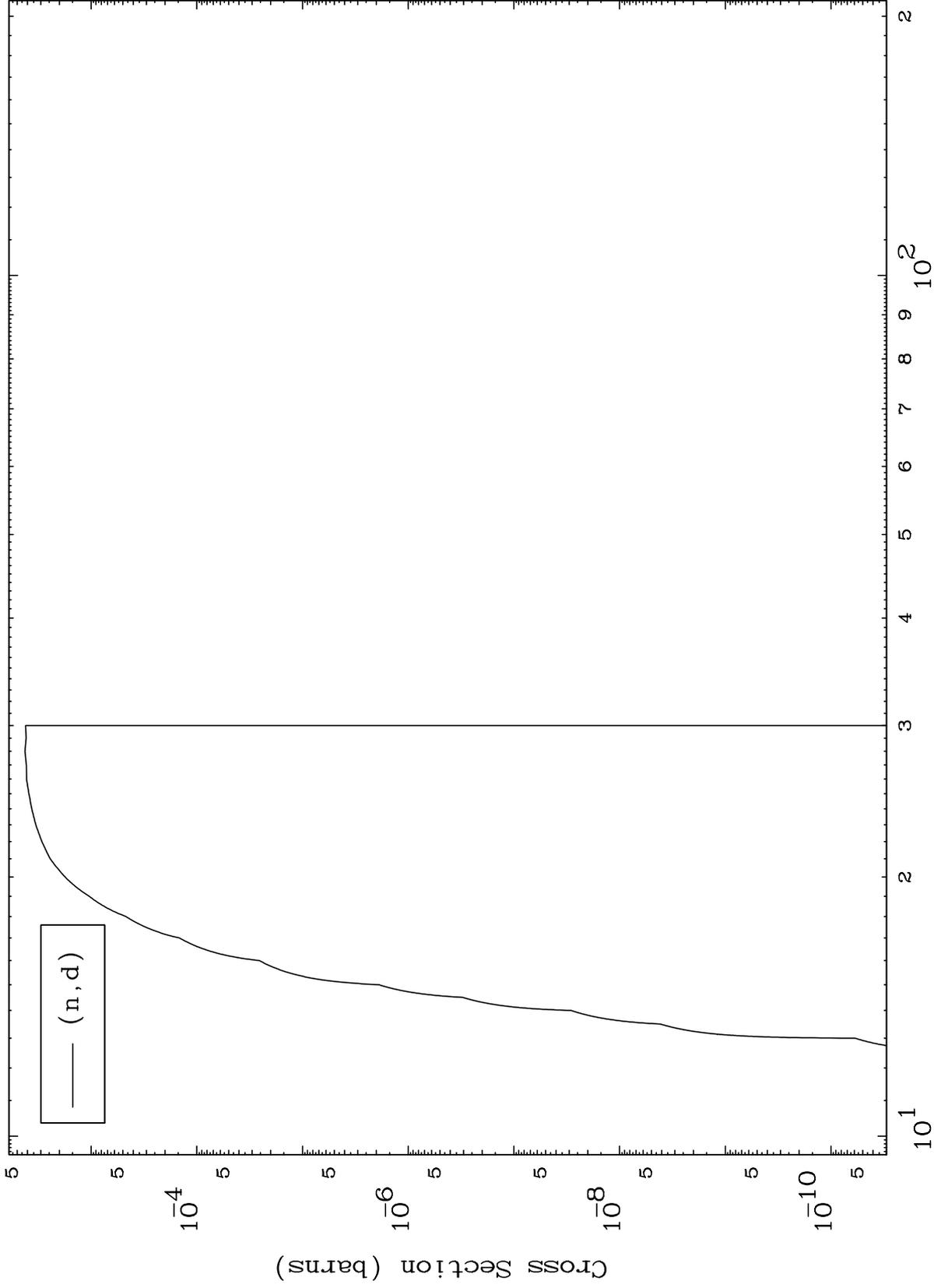
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52-Te-137

MAT 5276

(n,d) Levels
293 Kelvin Cross Sections

52-Te-137



Incident Energy (MeV)

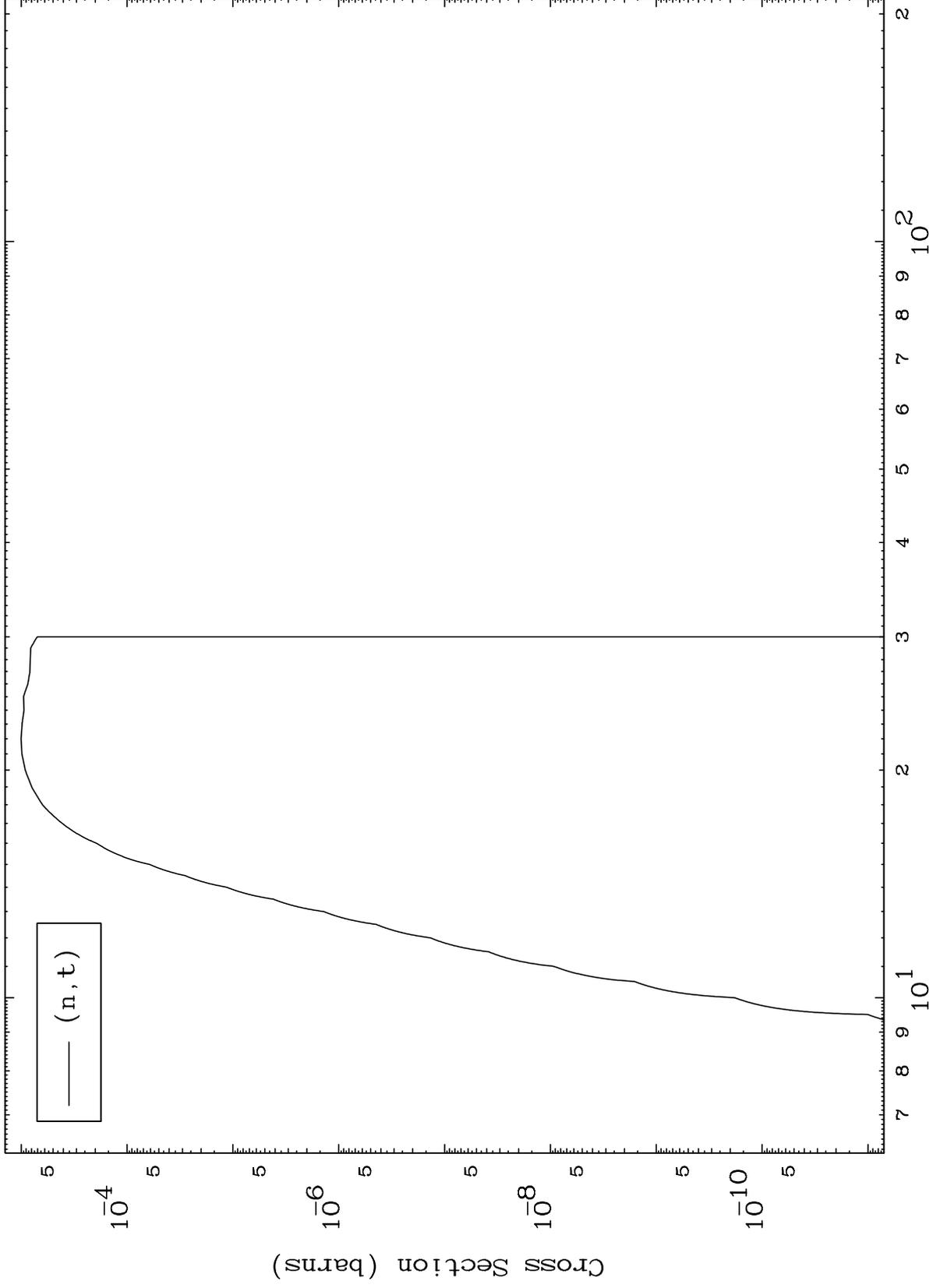
52-Te-137

11

MAT 5276

(n,t) Levels
293 Kelvin Cross Sections

52-Te-137



12

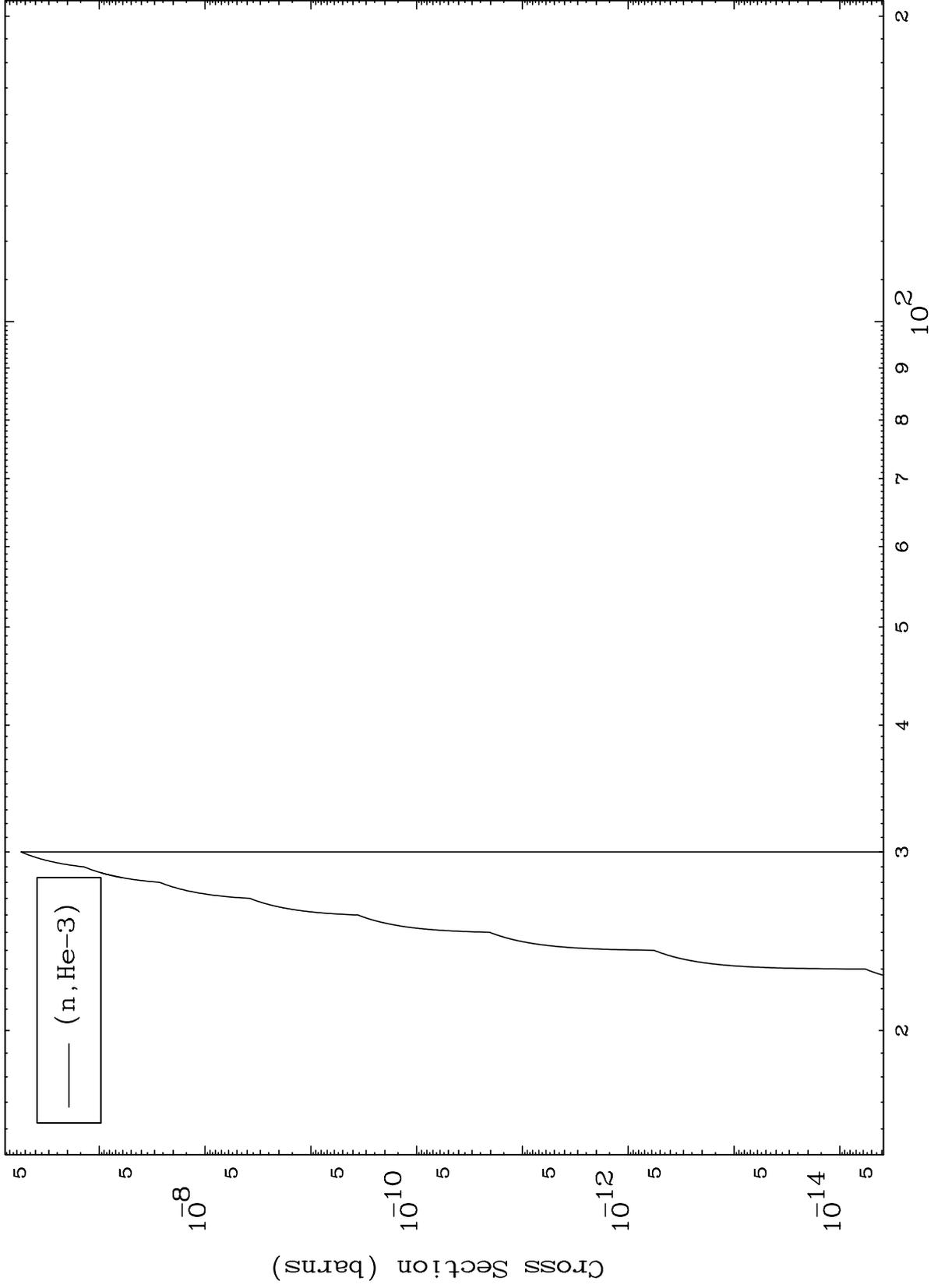
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52-Te-137

MAT 5276

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-137



13

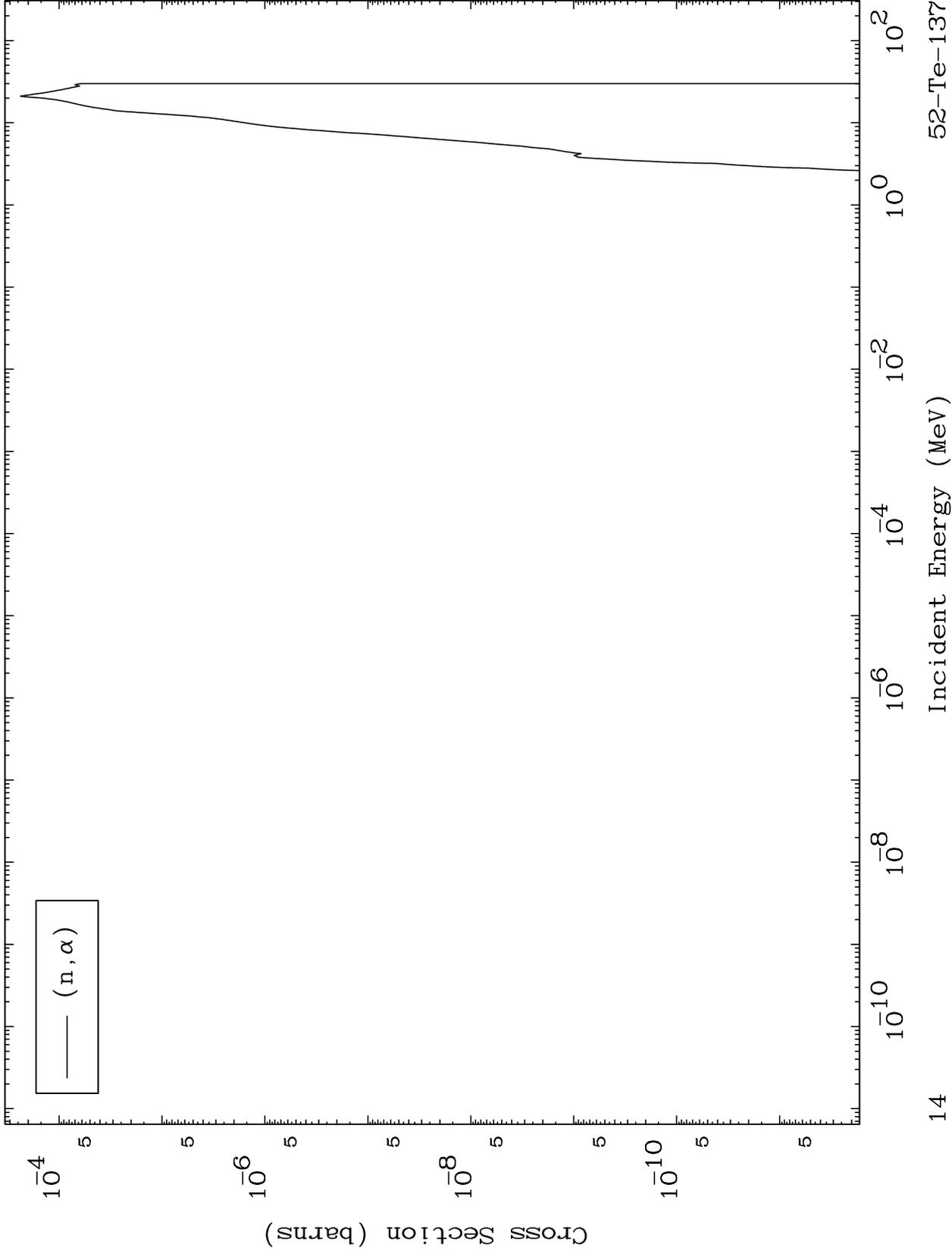
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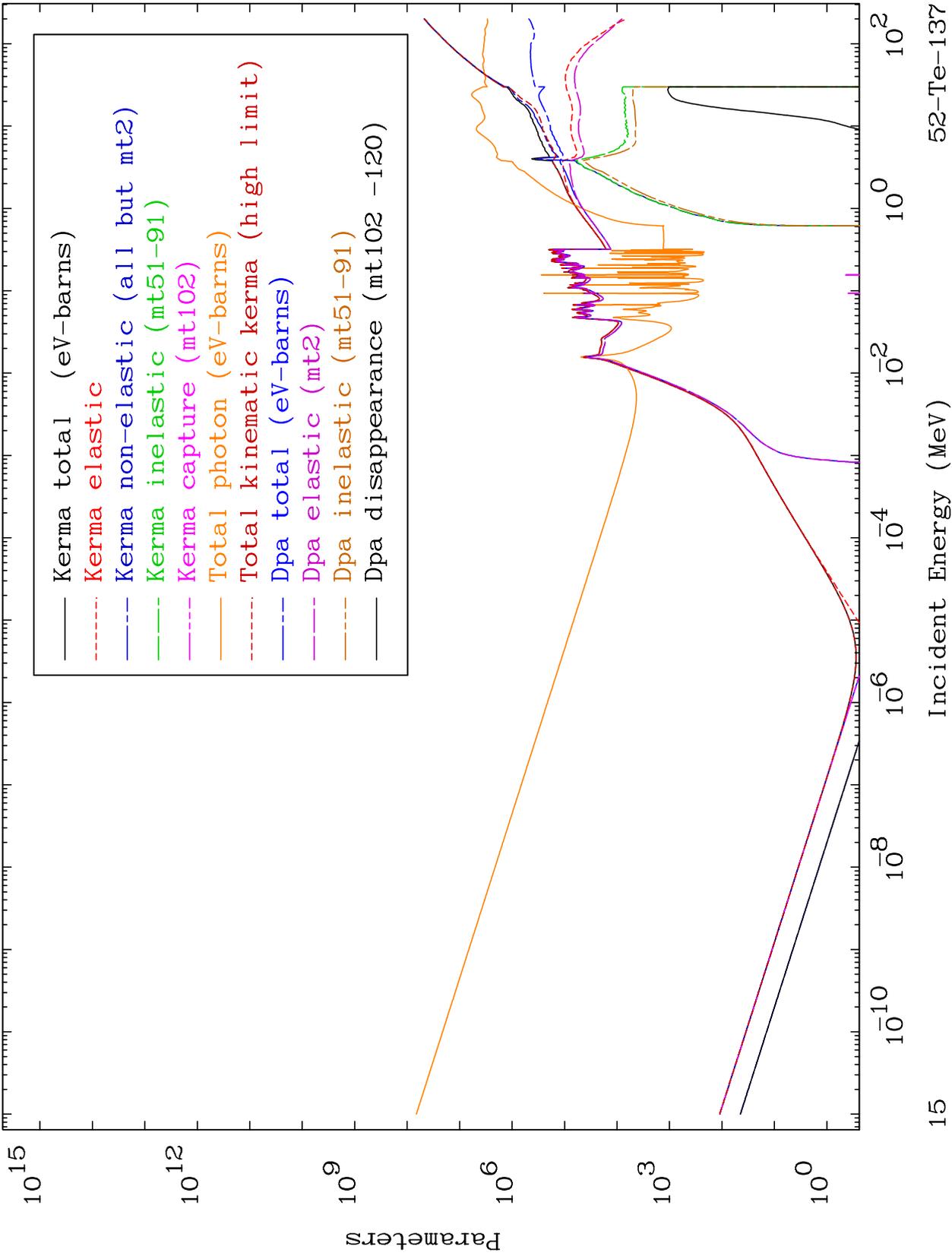
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MAT 5276

(n, α) Levels
293 Kelvin Cross Sections

52-Te-137

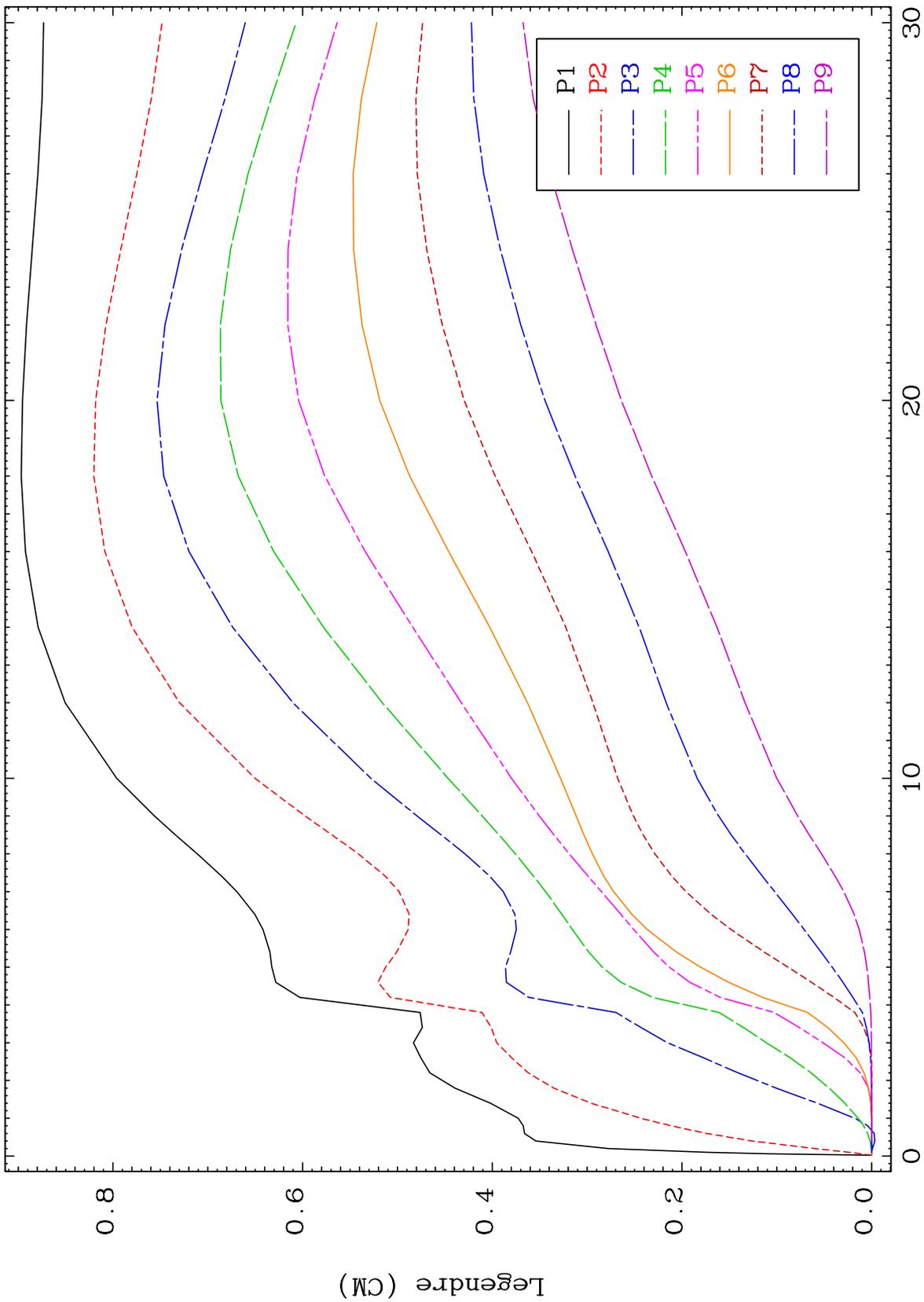




MAT 5276

Elastic Legendre Coefficients

⁵²Te-137



16

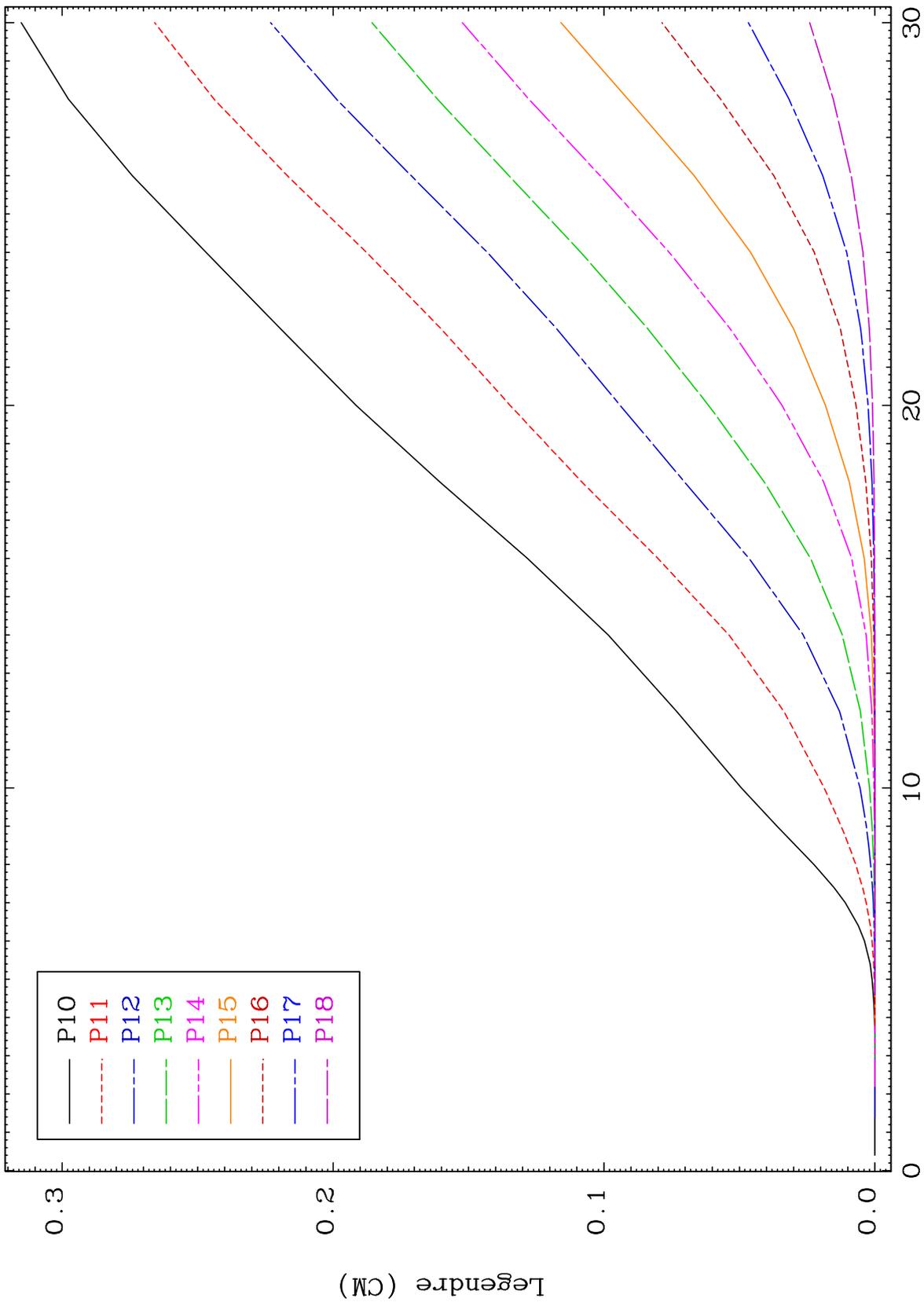
Incident Energy (MeV)

⁵²Te-137

MAT 5276

Elastic Legendre Coefficients

52-Te-137



17

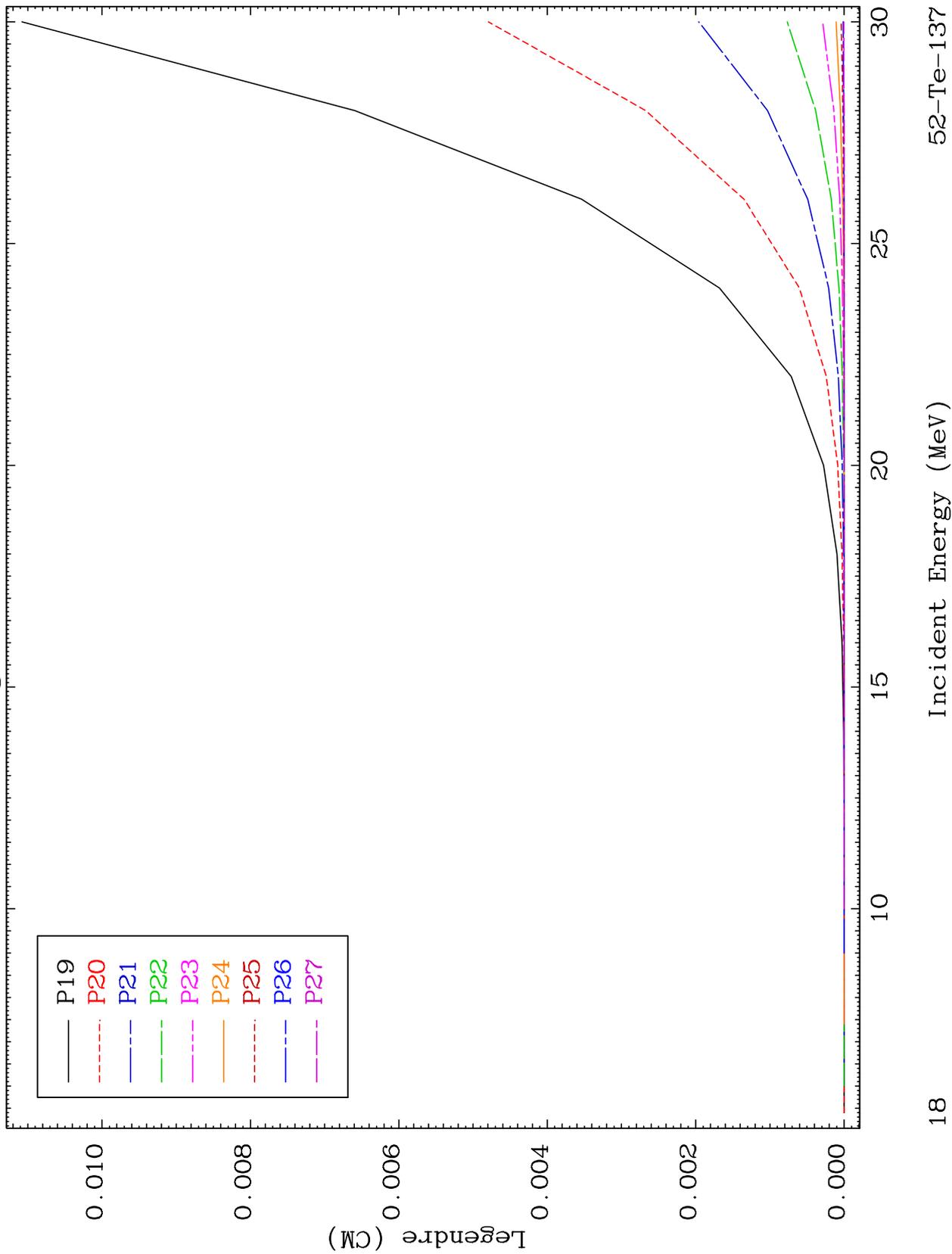
Incident Energy (MeV)

52-Te-137

MAT 5276

Elastic Legendre Coefficients

52-Te-137



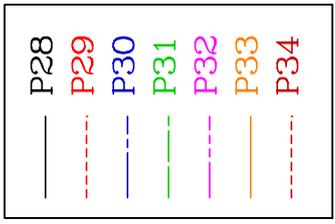
18

52-Te-137

MAT 5276

Elastic Legendre Coefficients

52-Te-137



$\times 10^{-6}$
1.0
0.8
0.6
0.4
0.2
0.0

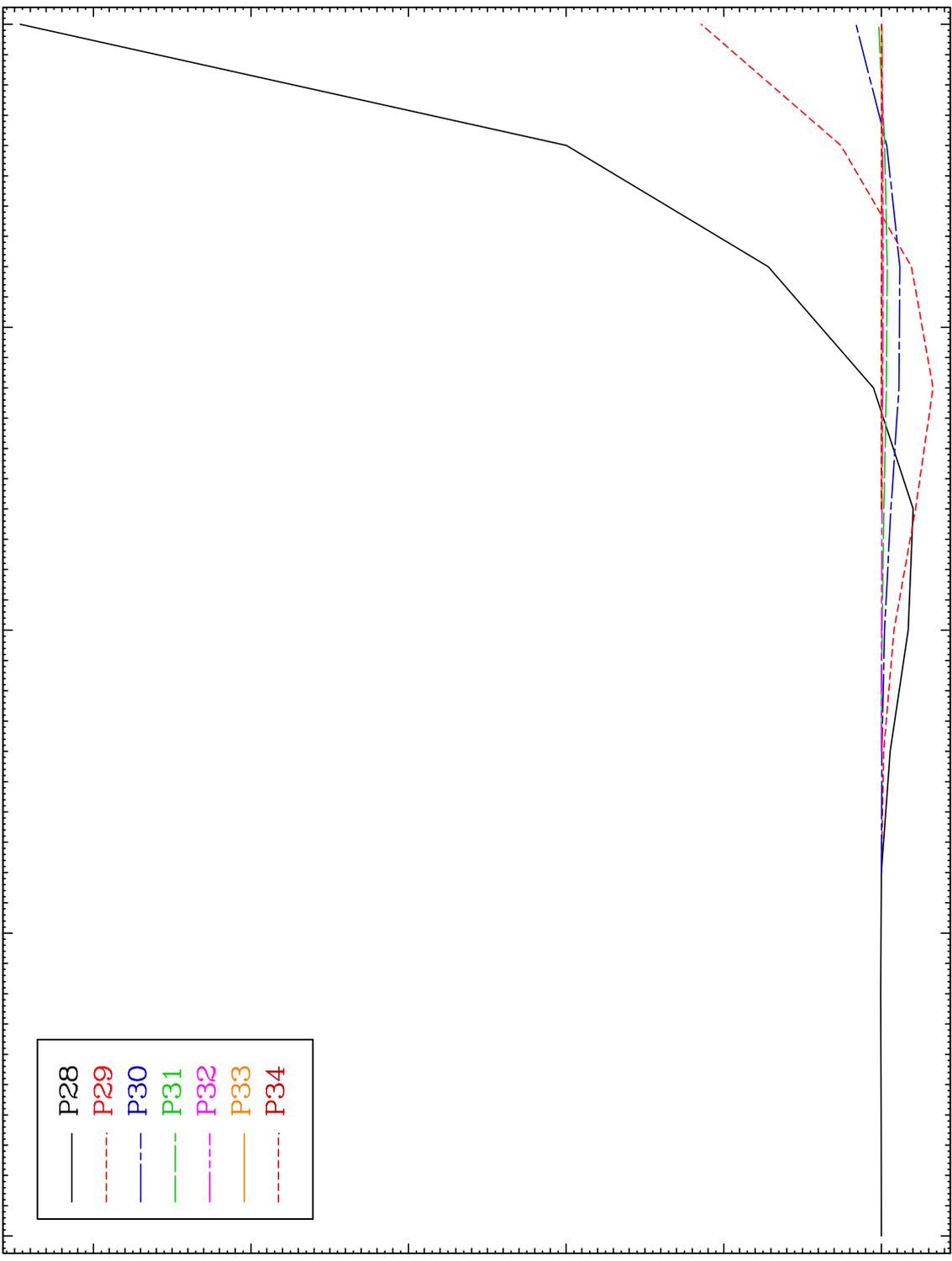
Legendre (CM)

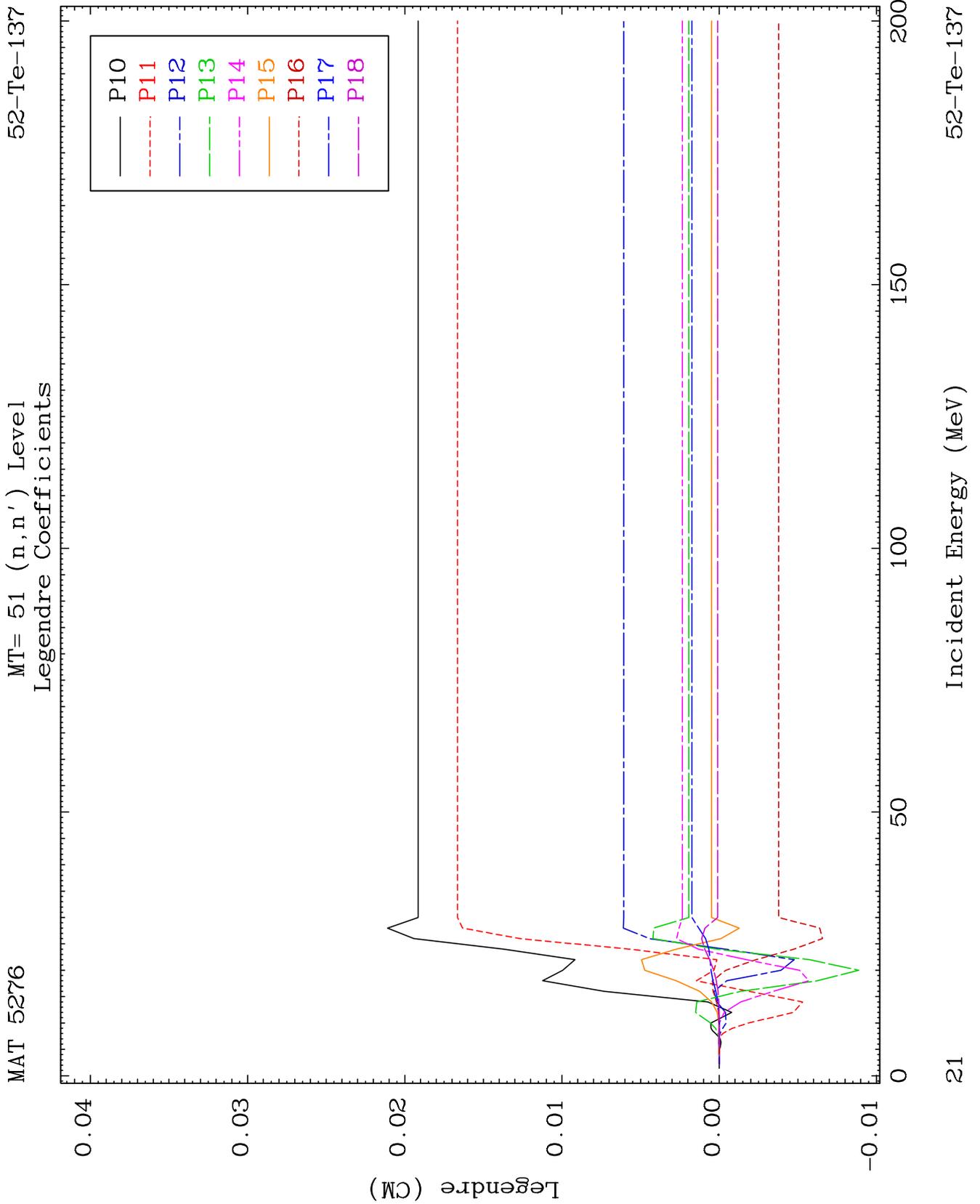
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19

Incident Energy (MeV)

52-Te-137

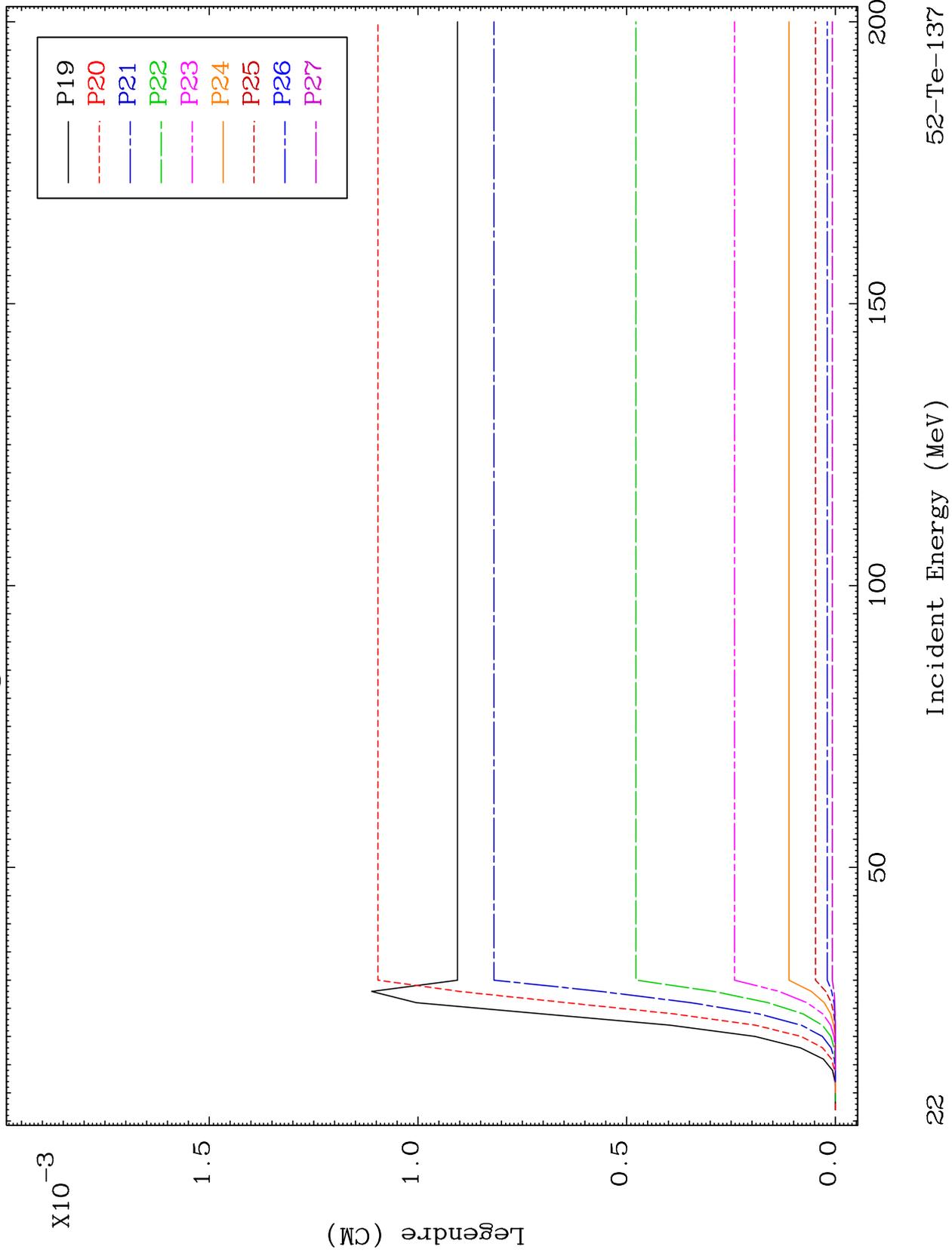




MAT 5276

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

52-Te-137



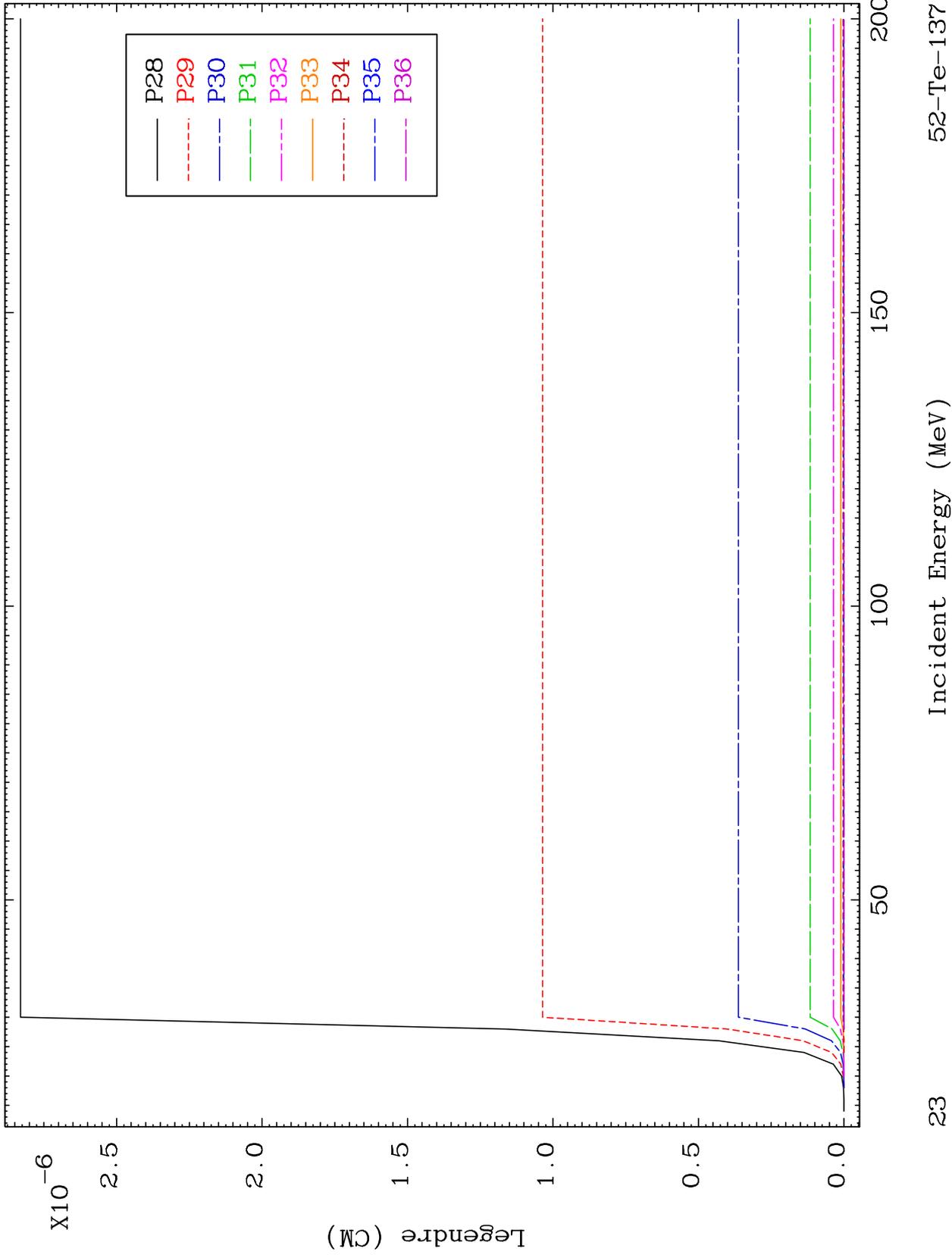
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52-Te-137

MAT 5276

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

52-Te-137

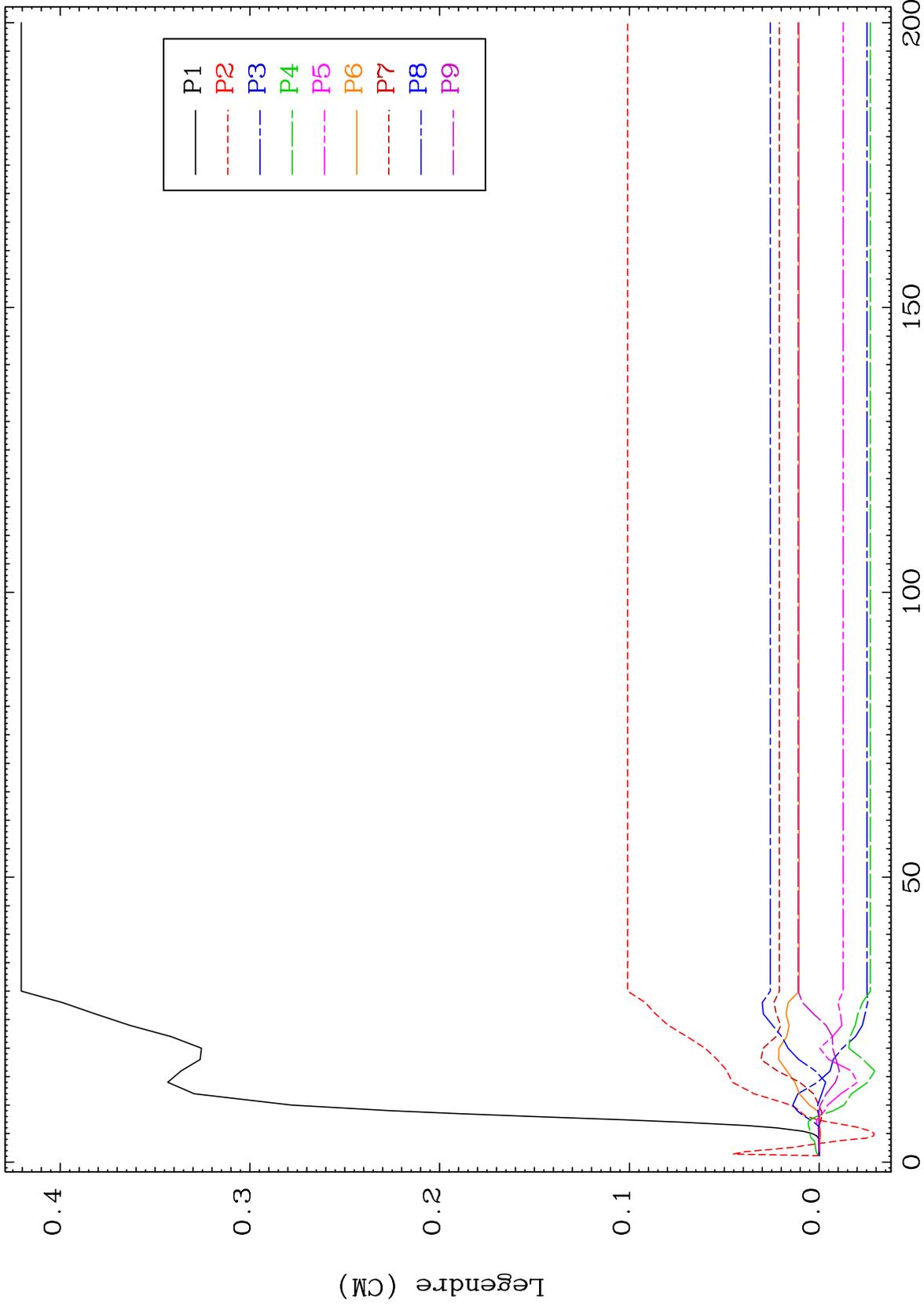


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MAT 5276

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

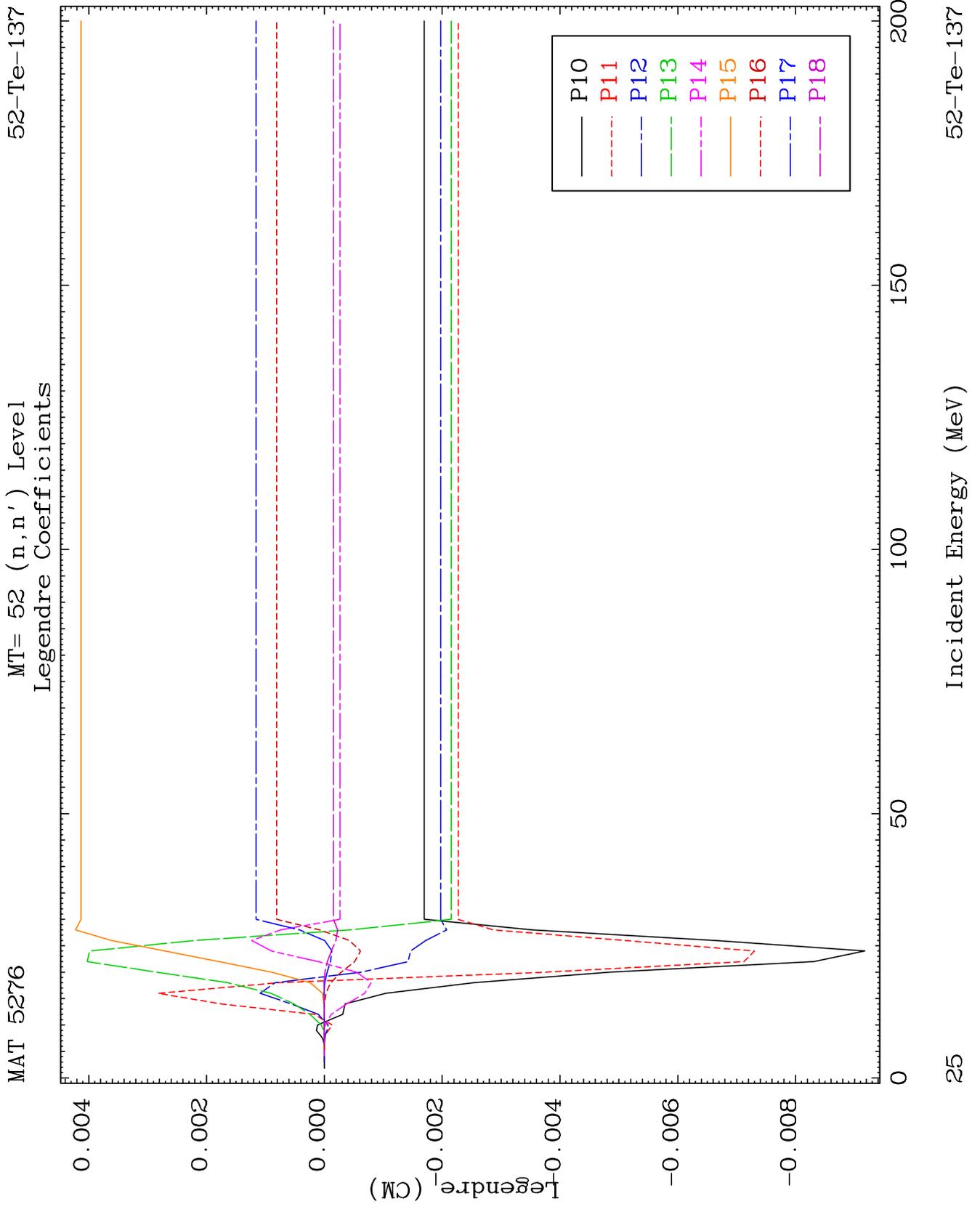
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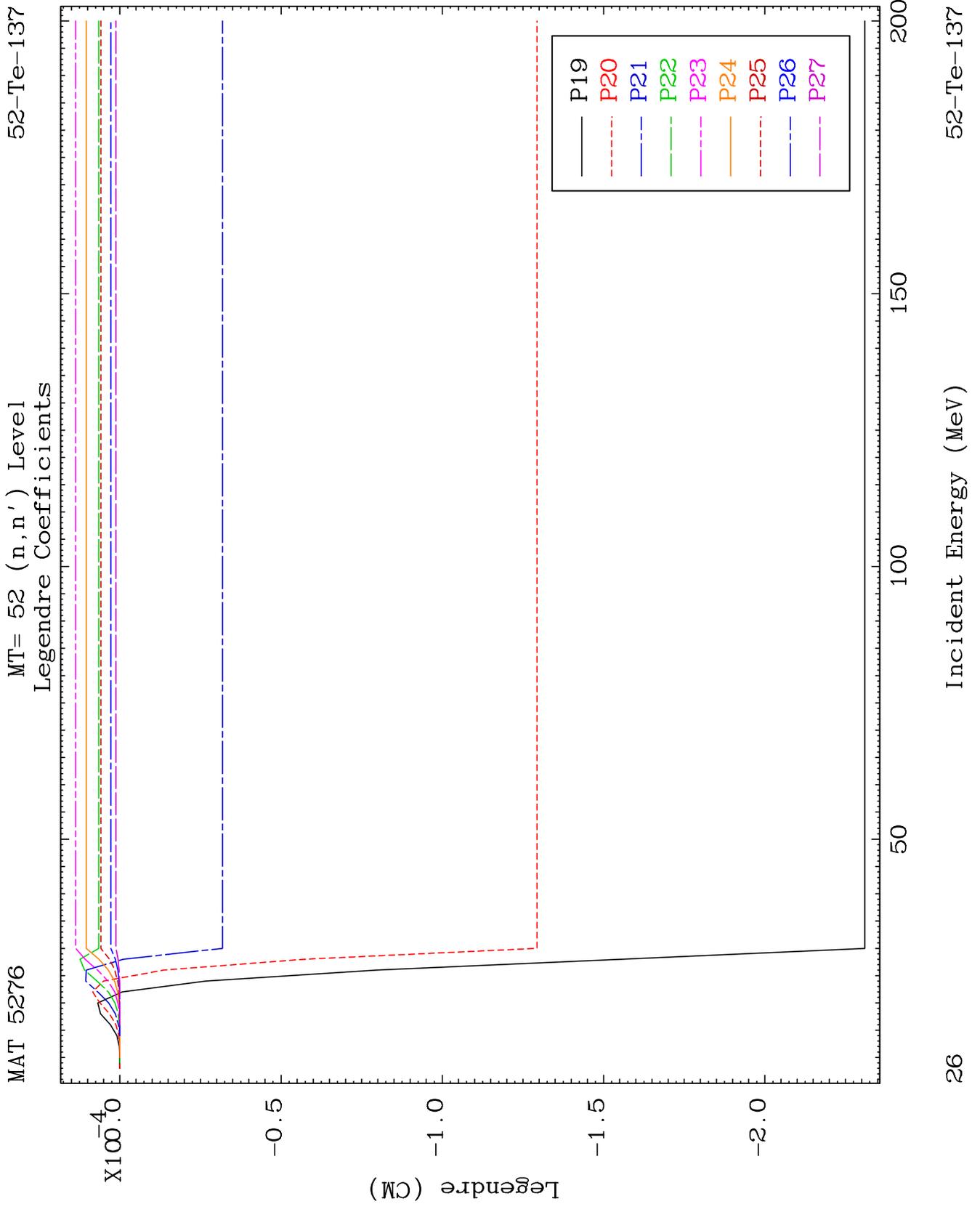


24

Incident Energy (MeV)

52-Te-137

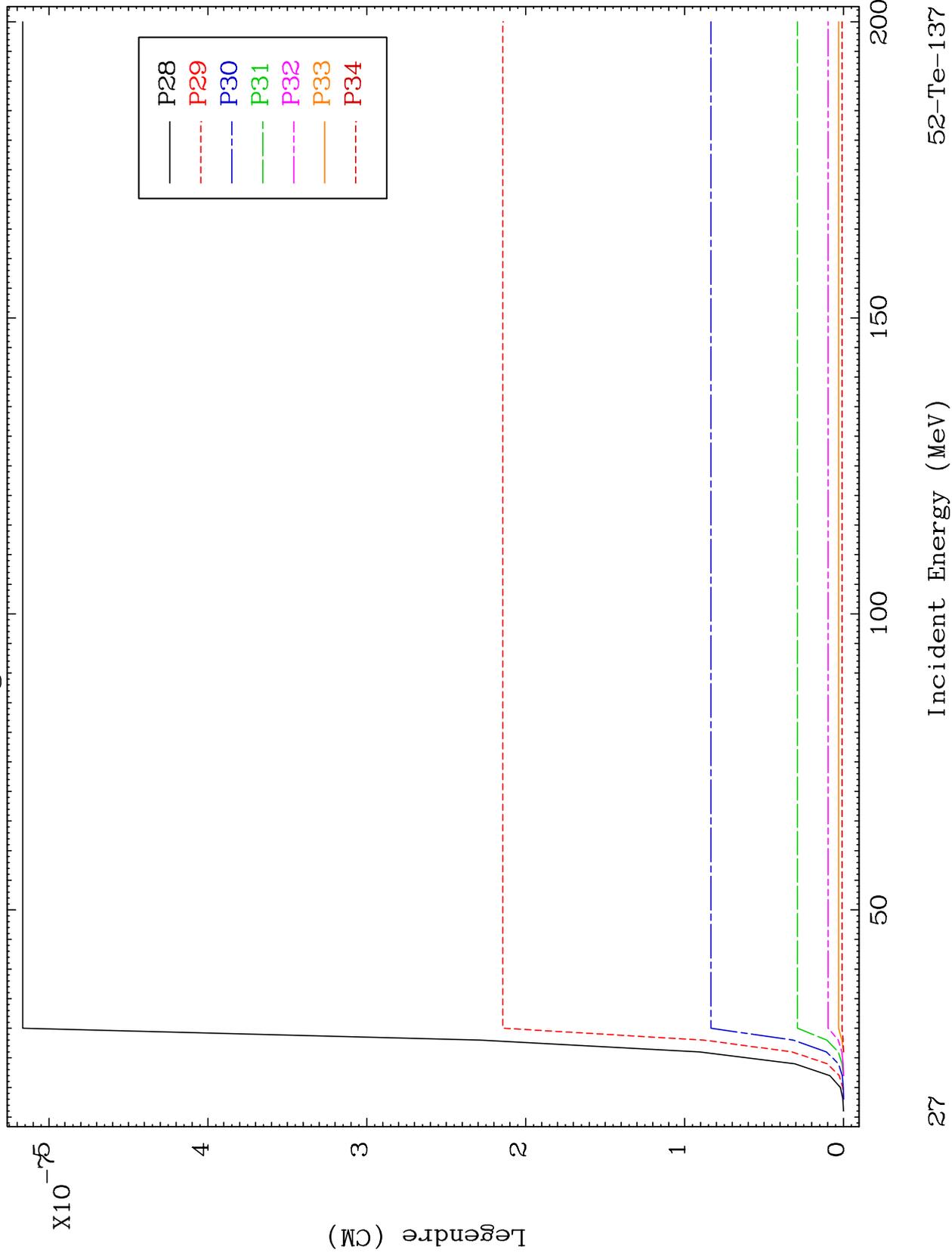




MAT 5276

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

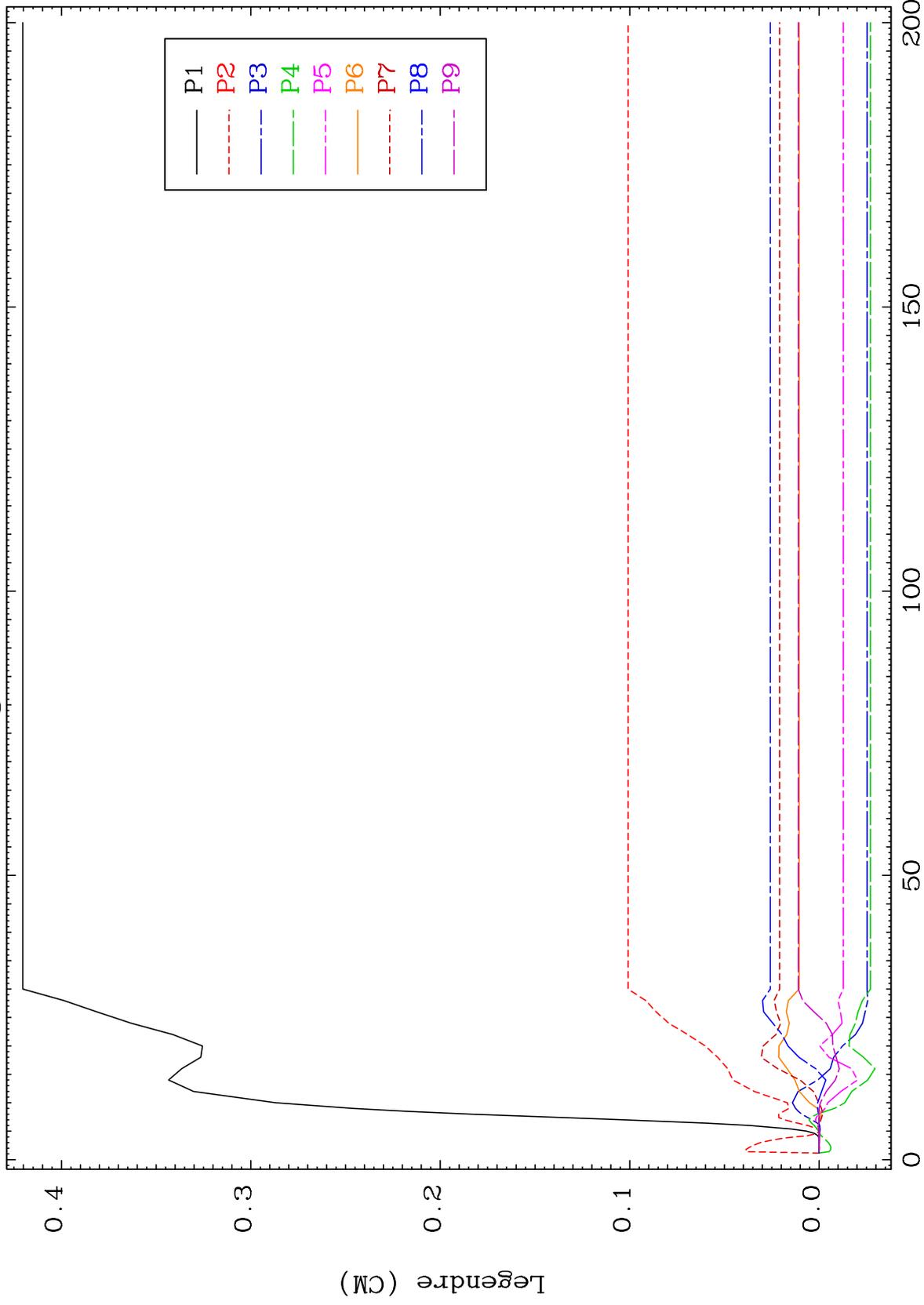
52-Te-137



MAT 5276

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

52-Te-137



28

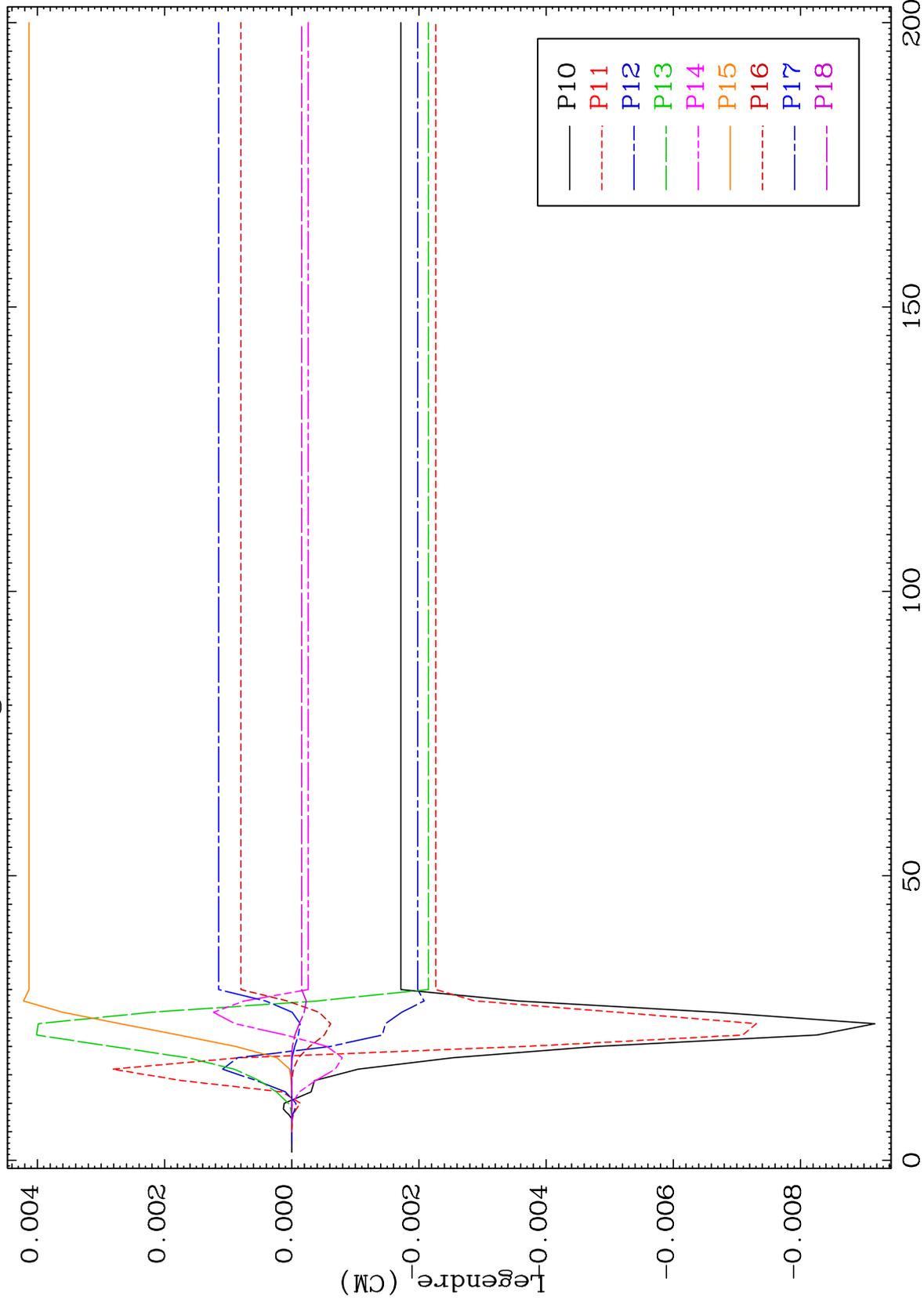
Incident Energy (MeV)

52-Te-137

MAT 5276

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

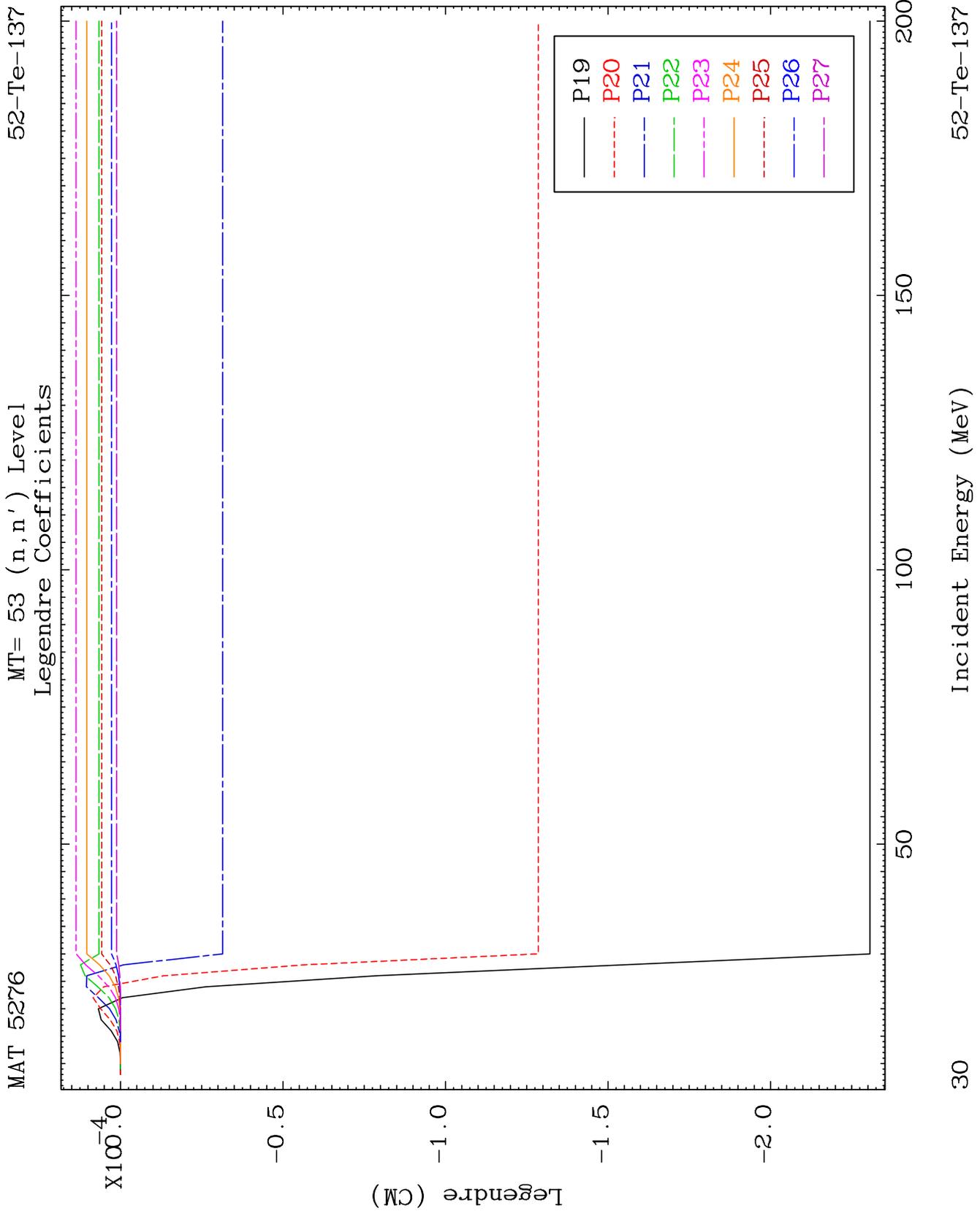
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29

Incident Energy (MeV)

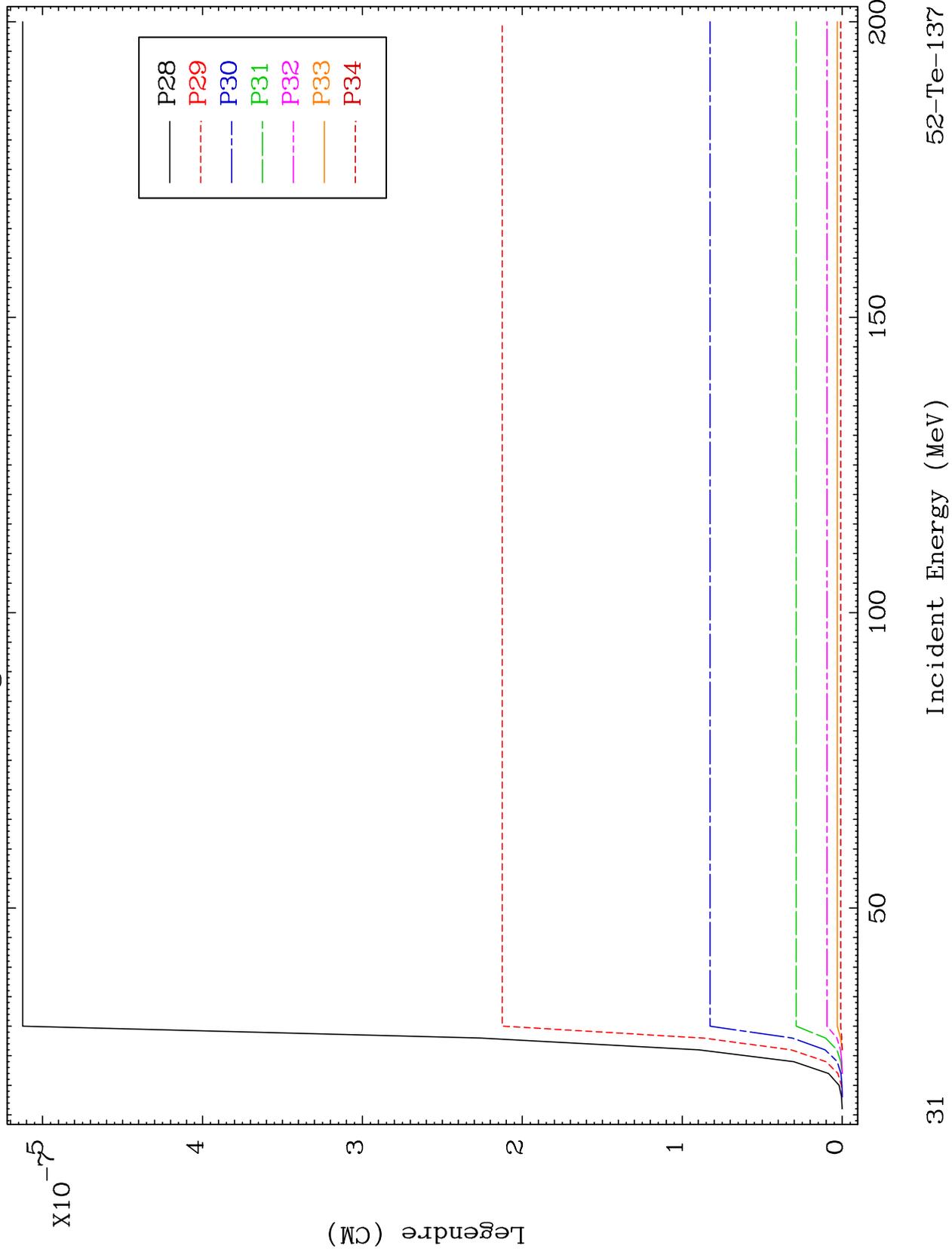
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MAT 5276

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

52-Te-137



31

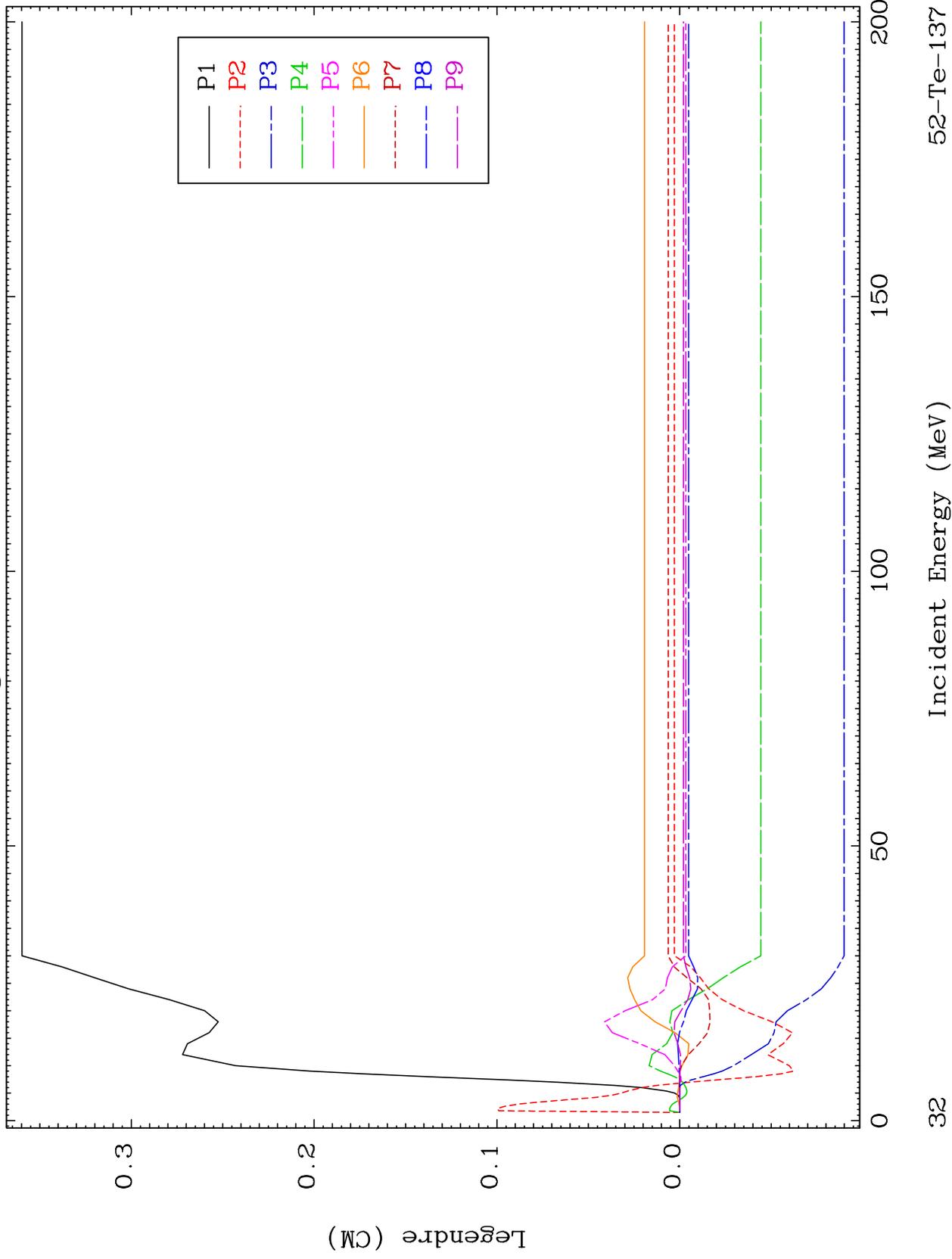
Incident Energy (MeV)

52-Te-137

MAT 5276

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

52-Te-137



32

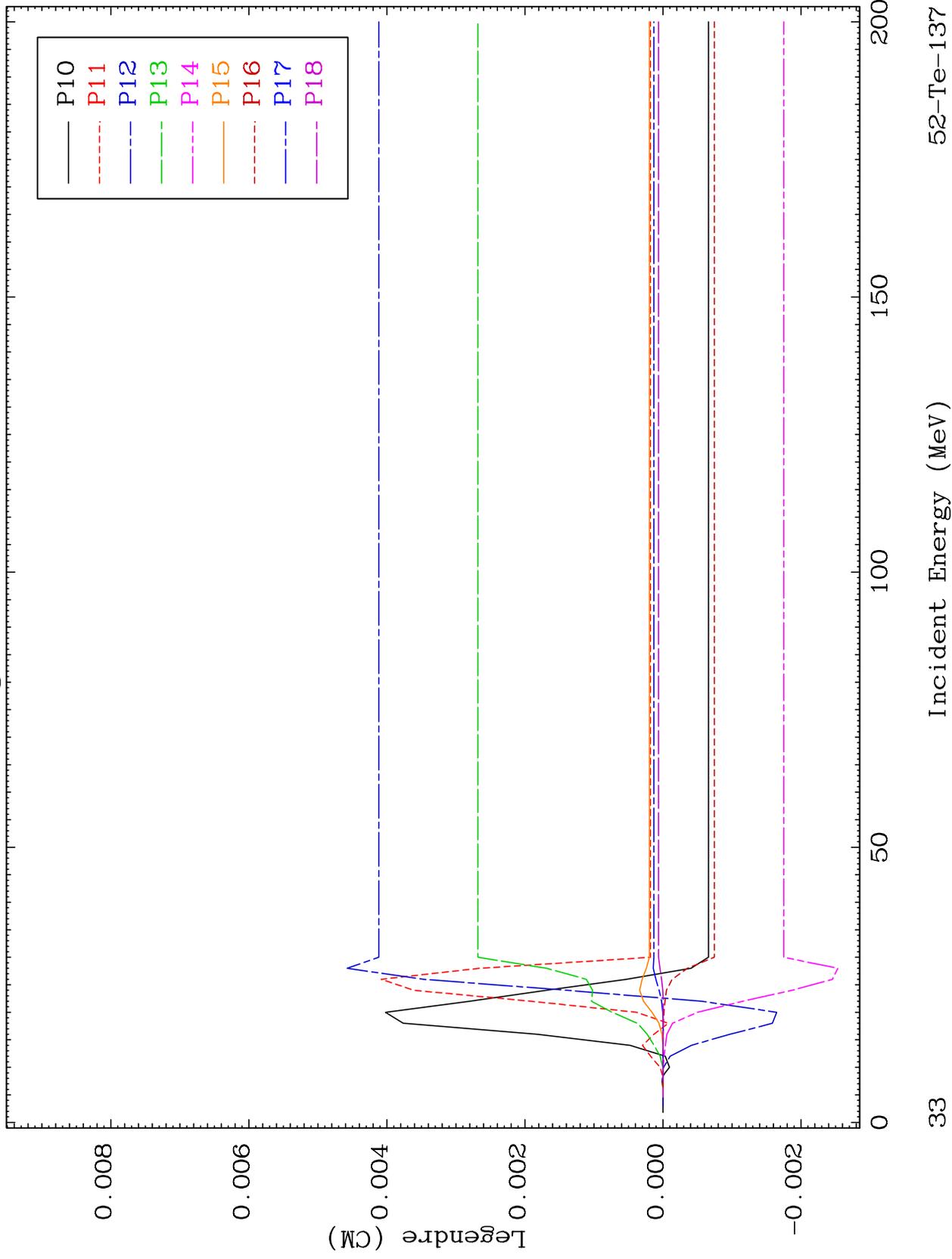
Incident Energy (MeV)

52-Te-137

MAT 5276

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

52-Te-137



33

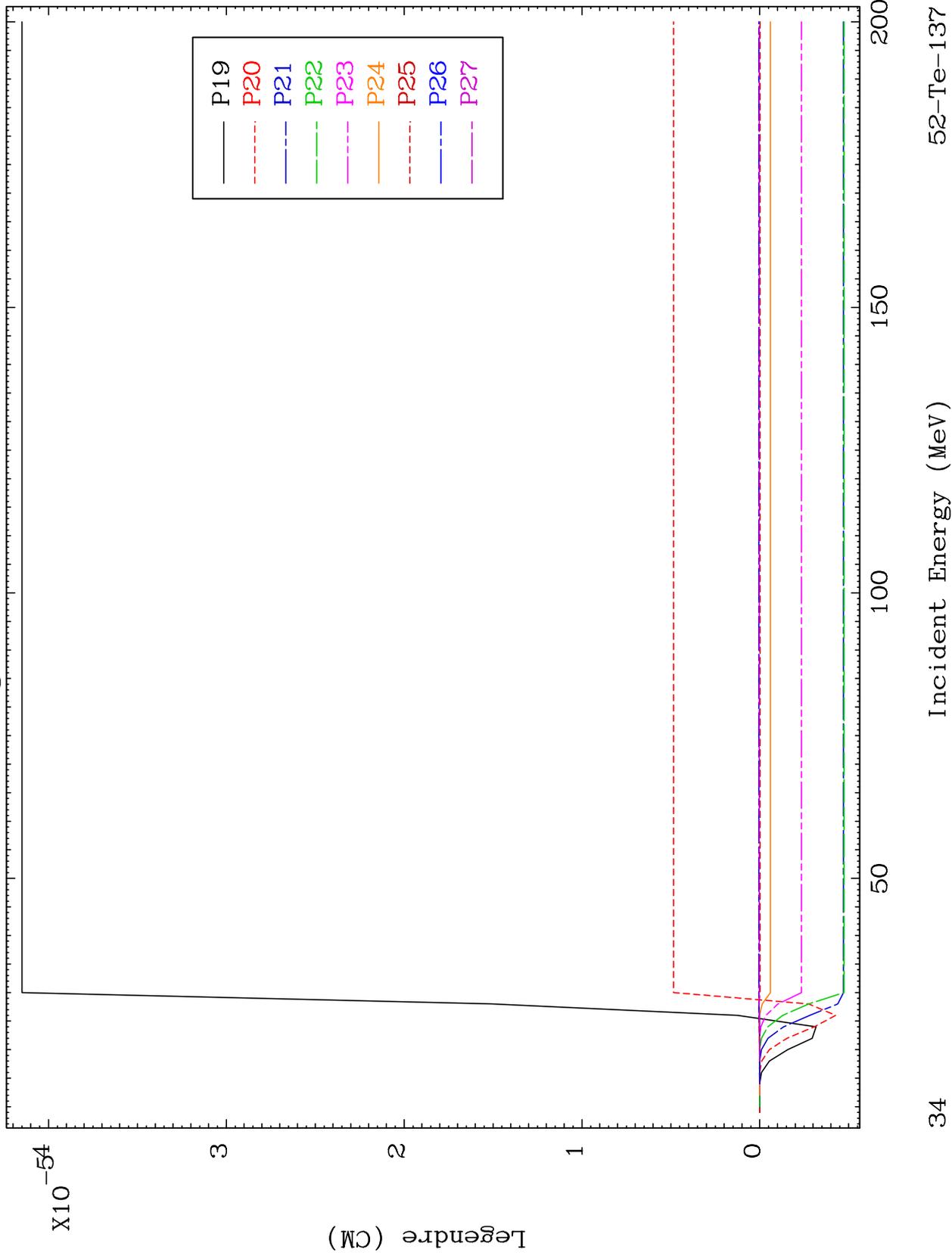
Incident Energy (MeV)

52-Te-137

MAT 5276

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

52-Te-137



34

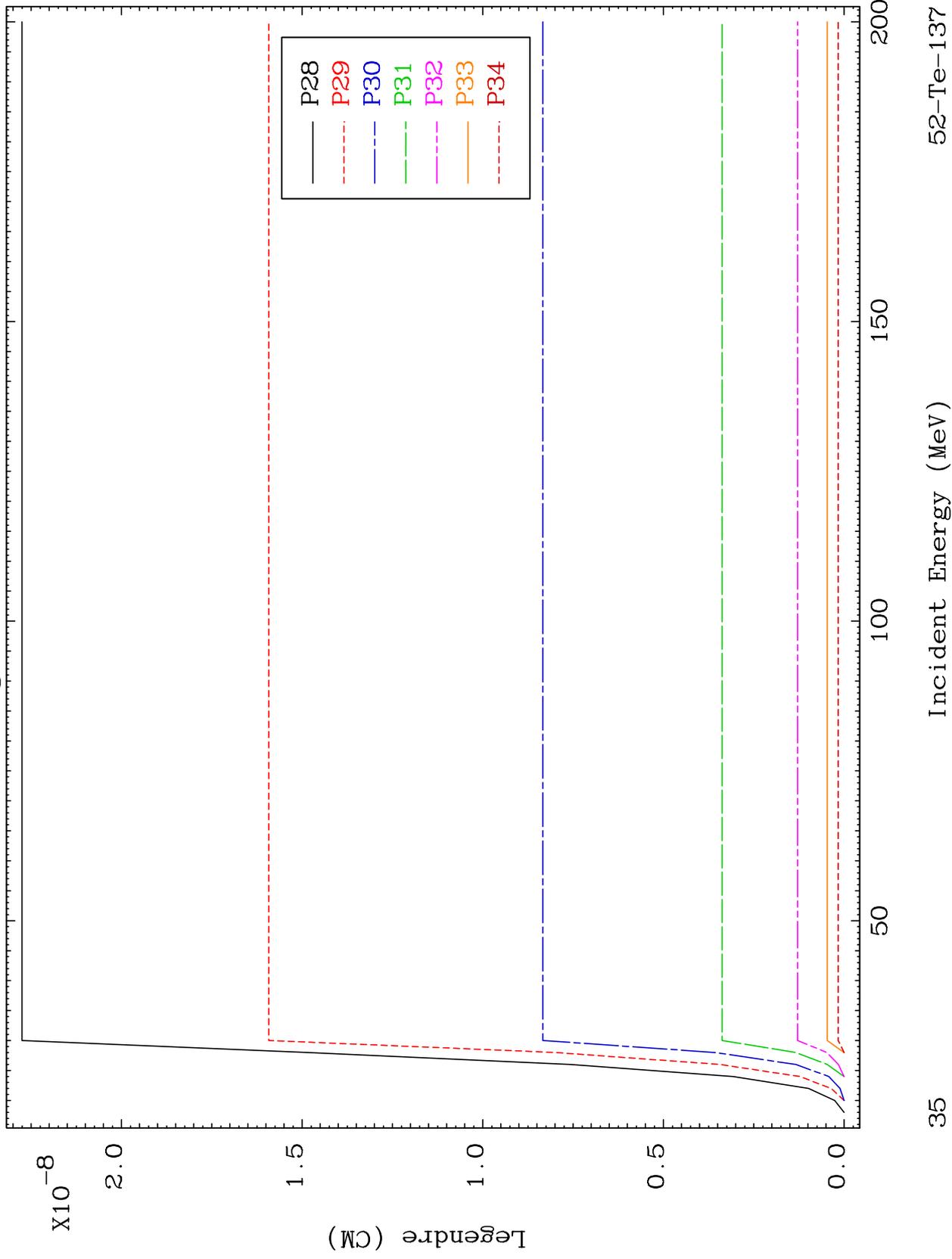
Incident Energy (MeV)

52-Te-137

MAT 5276

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

52-Te-137



35

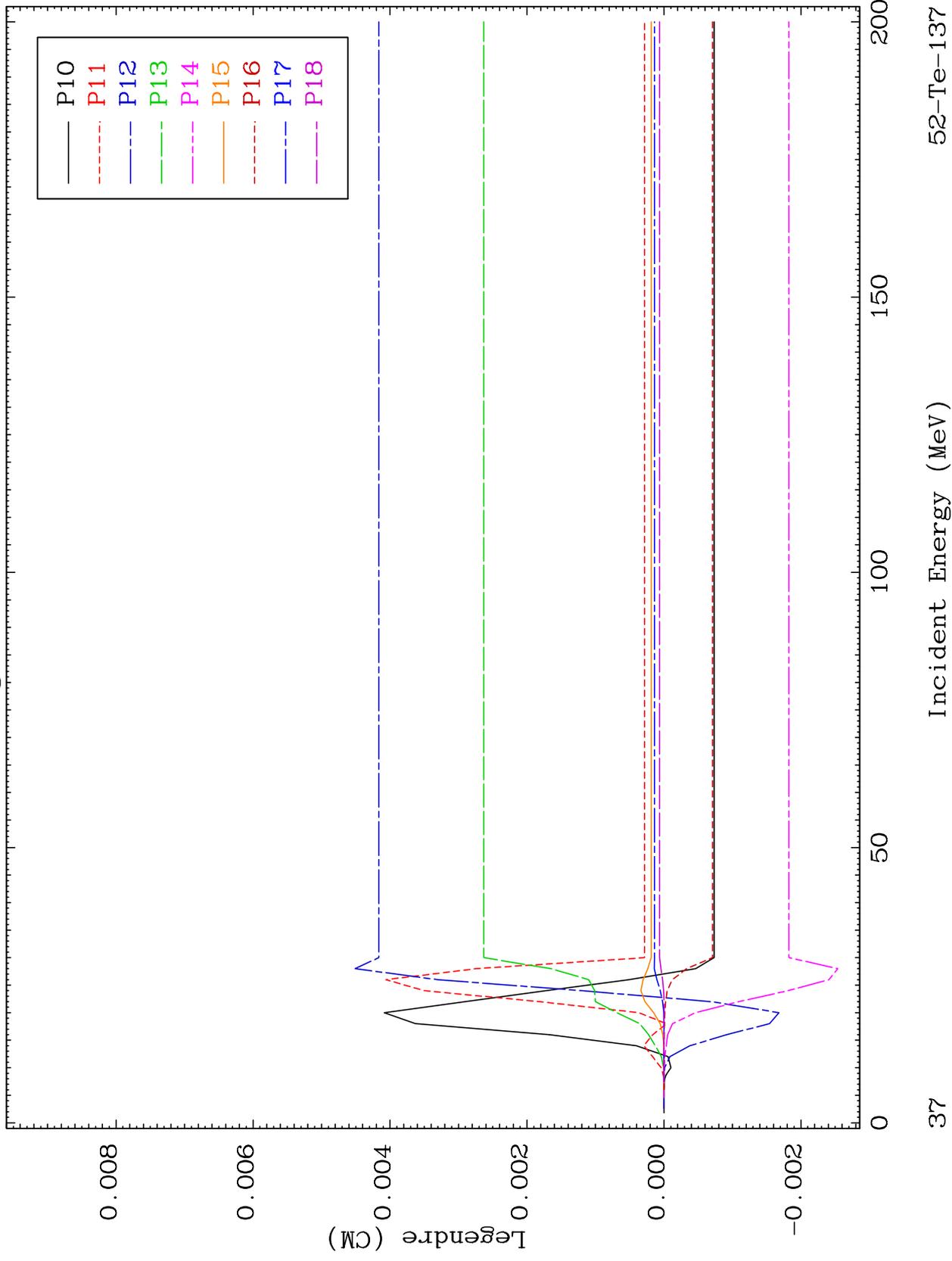
Incident Energy (MeV)

52-Te-137

MAT 5276

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

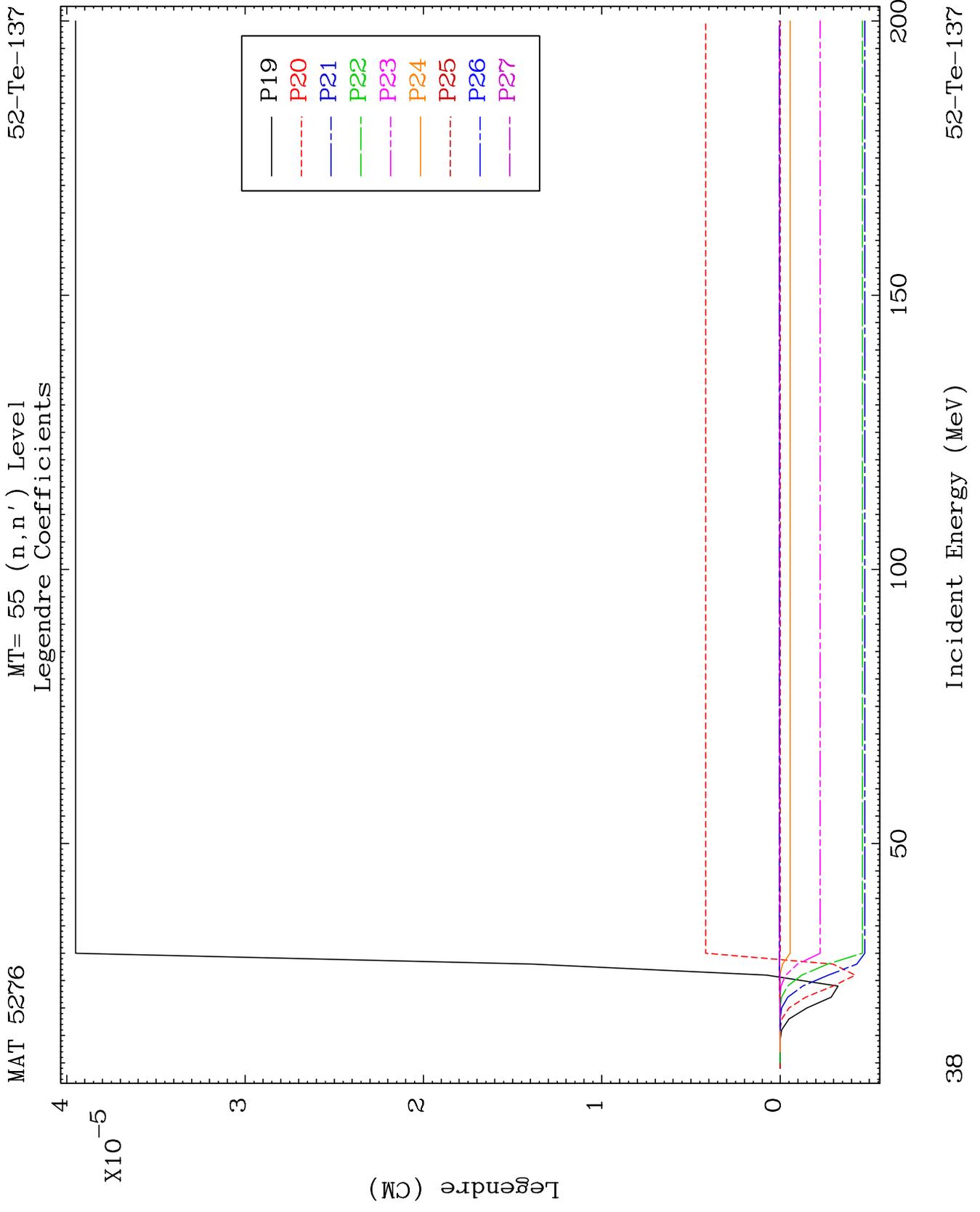
52-Te-137



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Incident Energy (MeV)

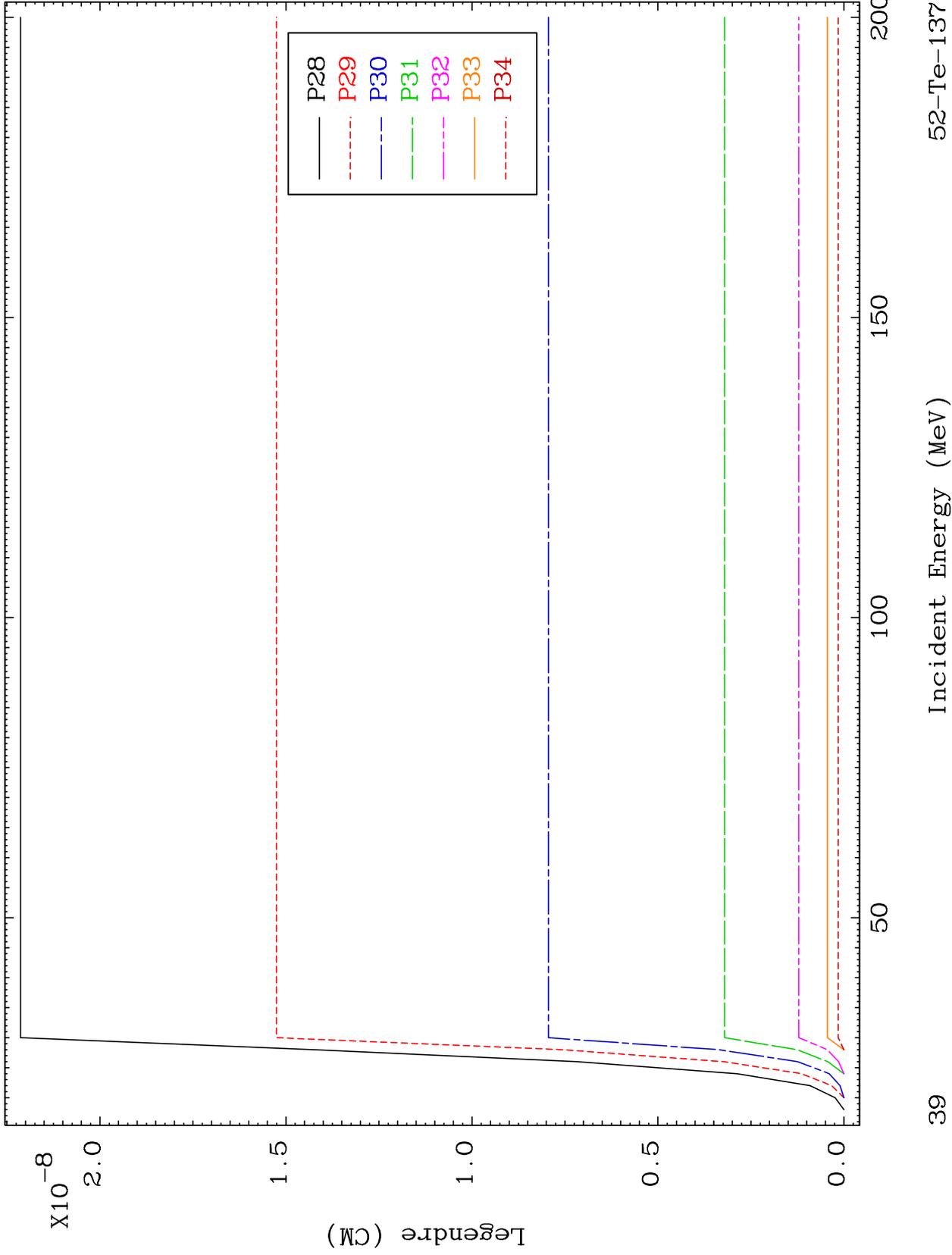
52-Te-137



MAT 5276

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

52-Te-137



39

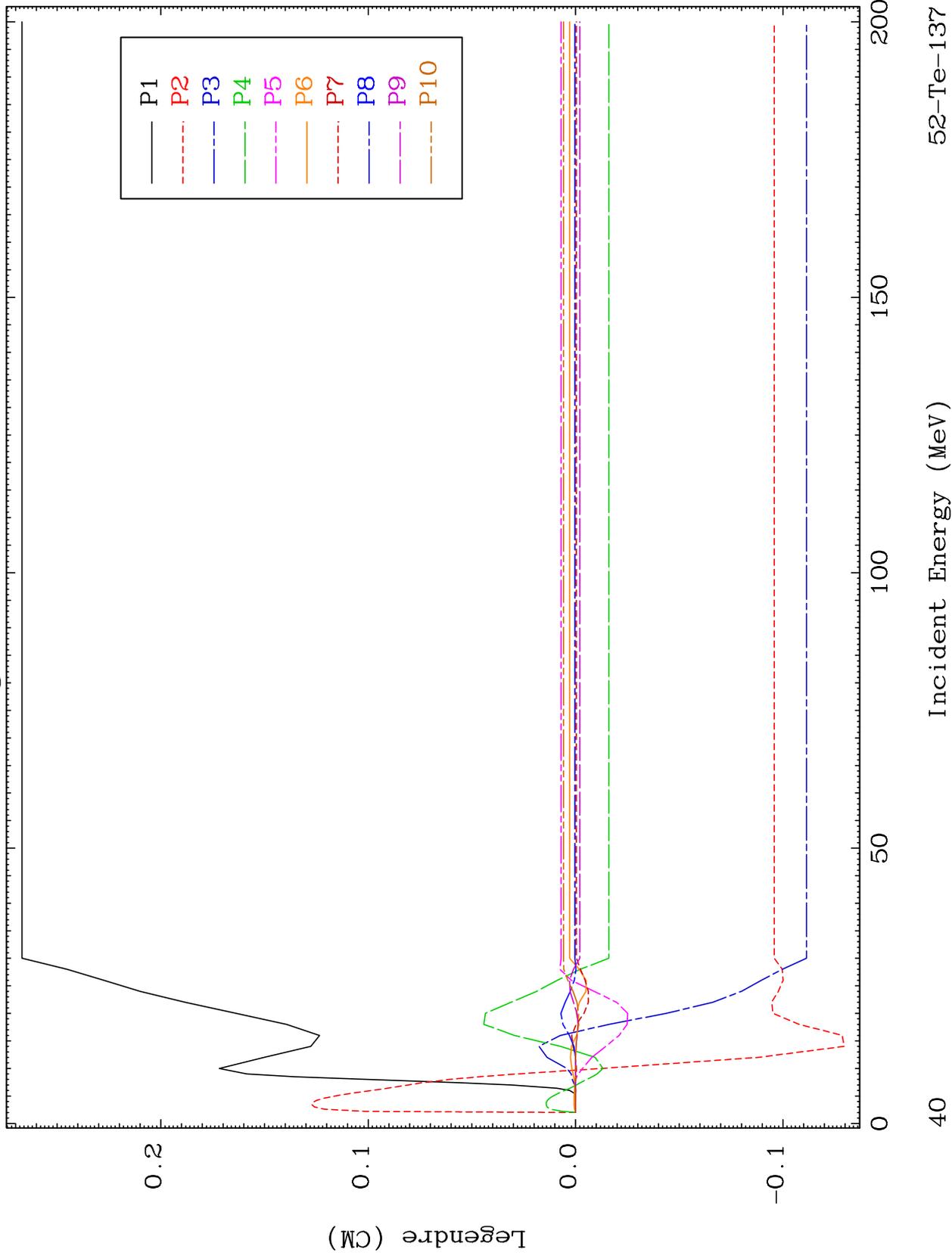
Incident Energy (MeV)

52-Te-137

MAT 5276

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

52-Te-137

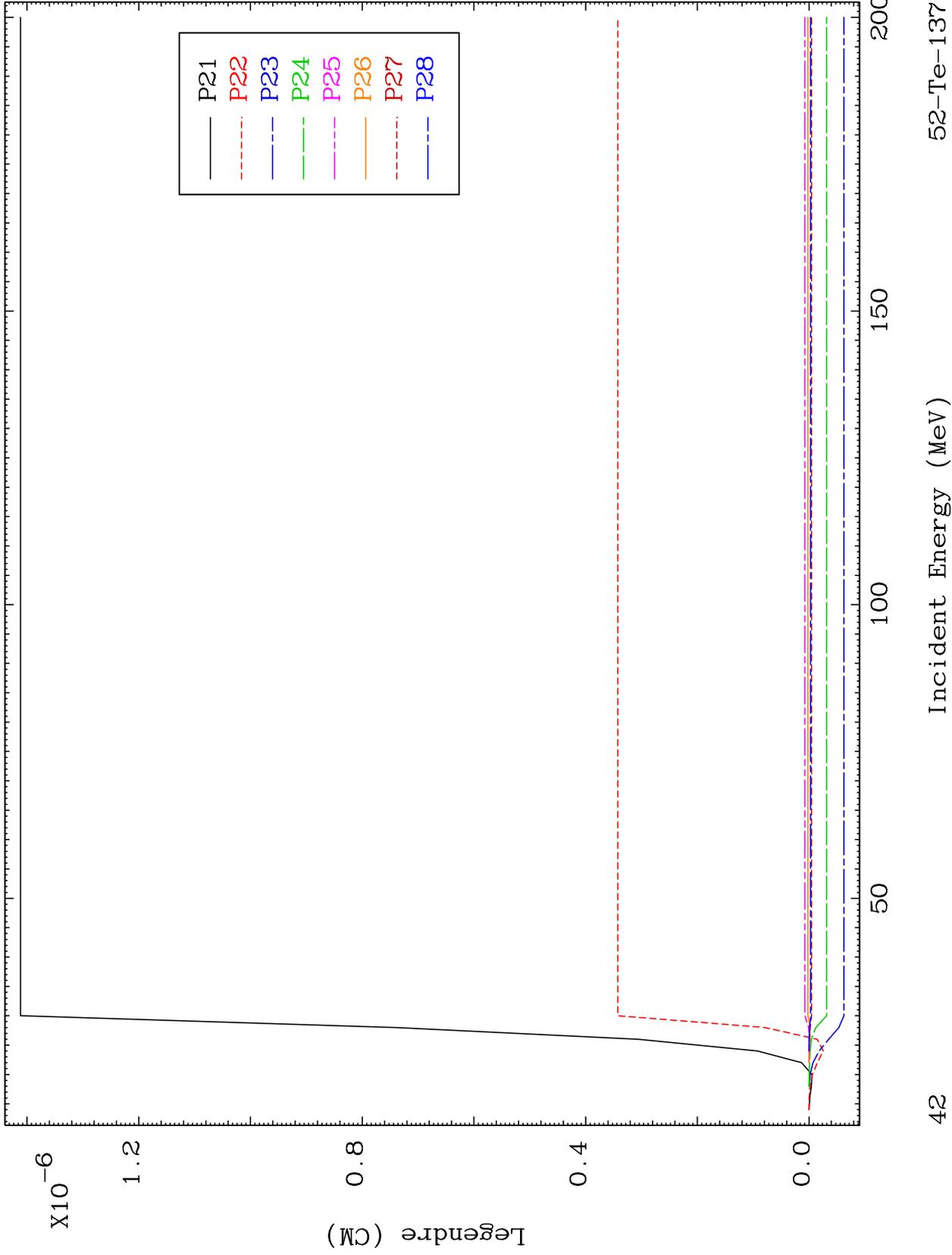


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MAT 5276

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

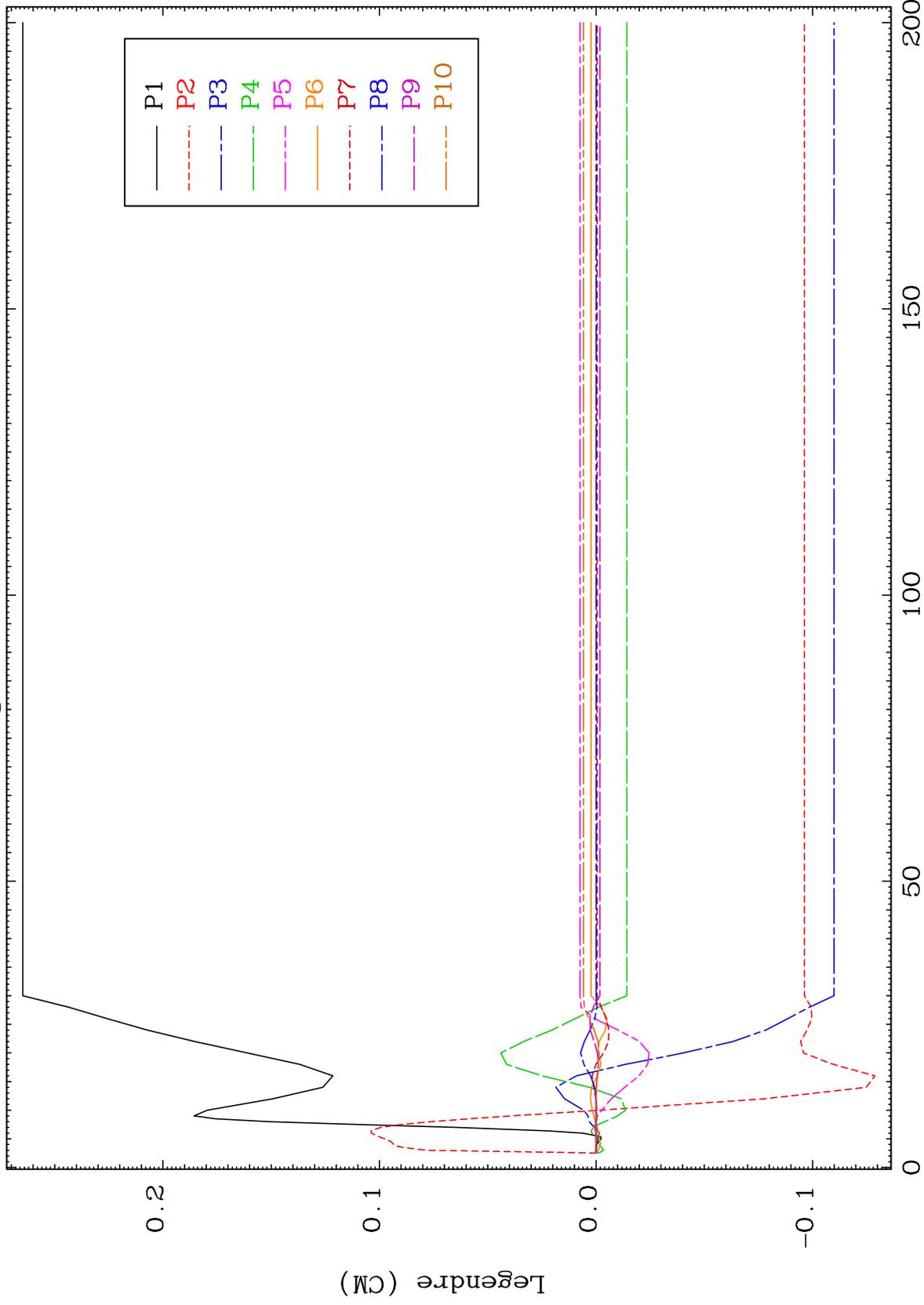
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MAT 5276

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

52-Te-137



43

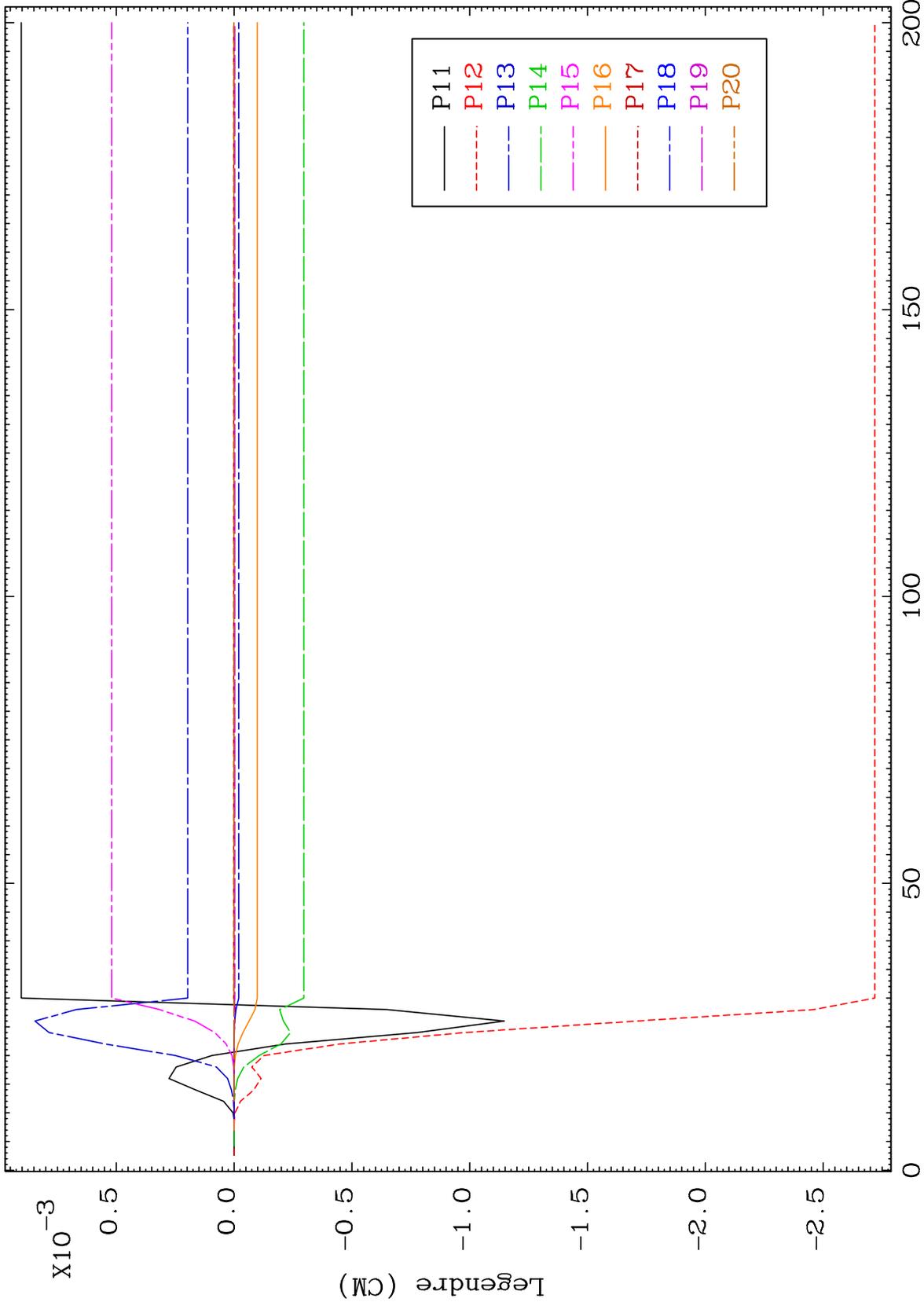
Incident Energy (MeV)

52-Te-137

MAT 5276

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

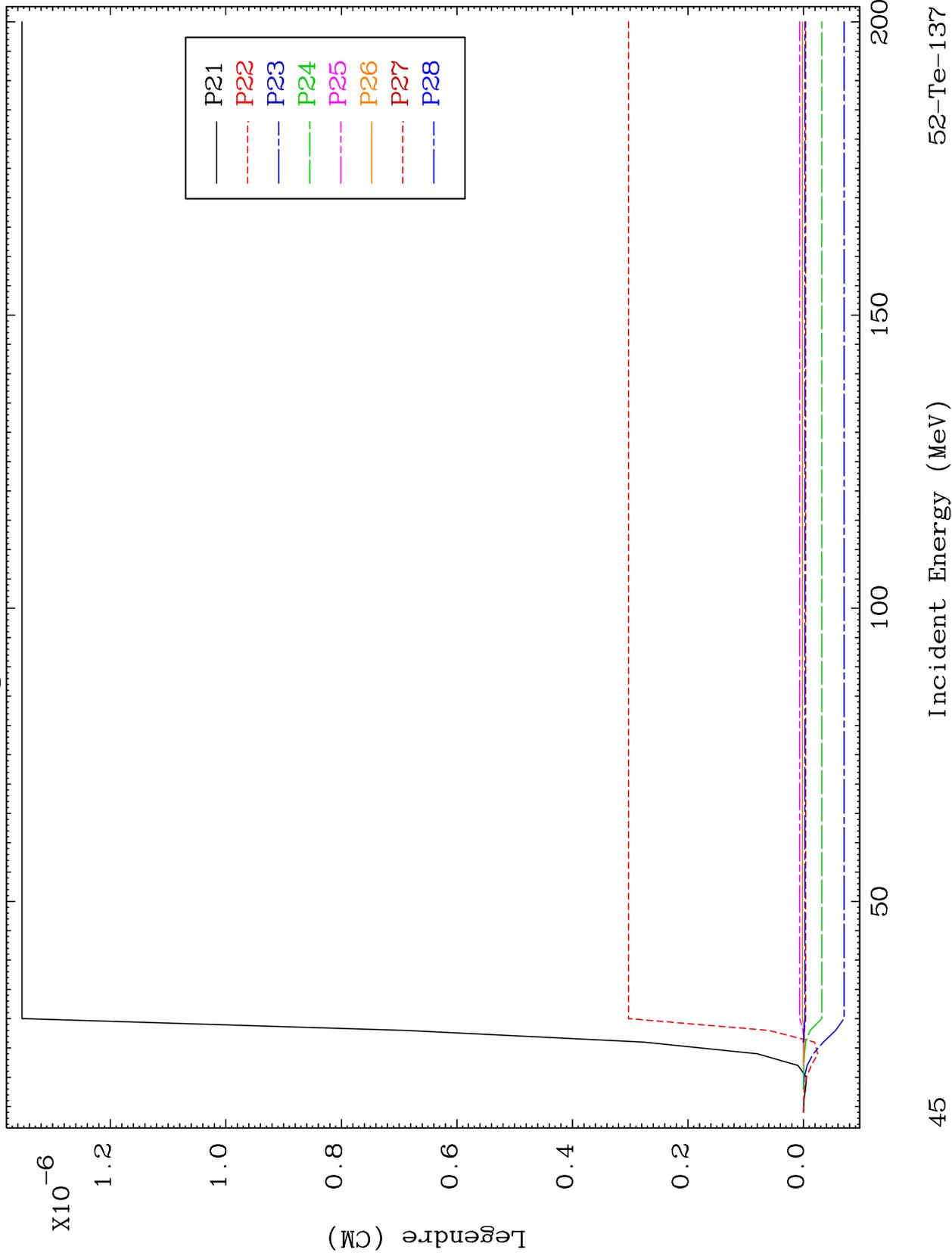
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MAT 5276

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

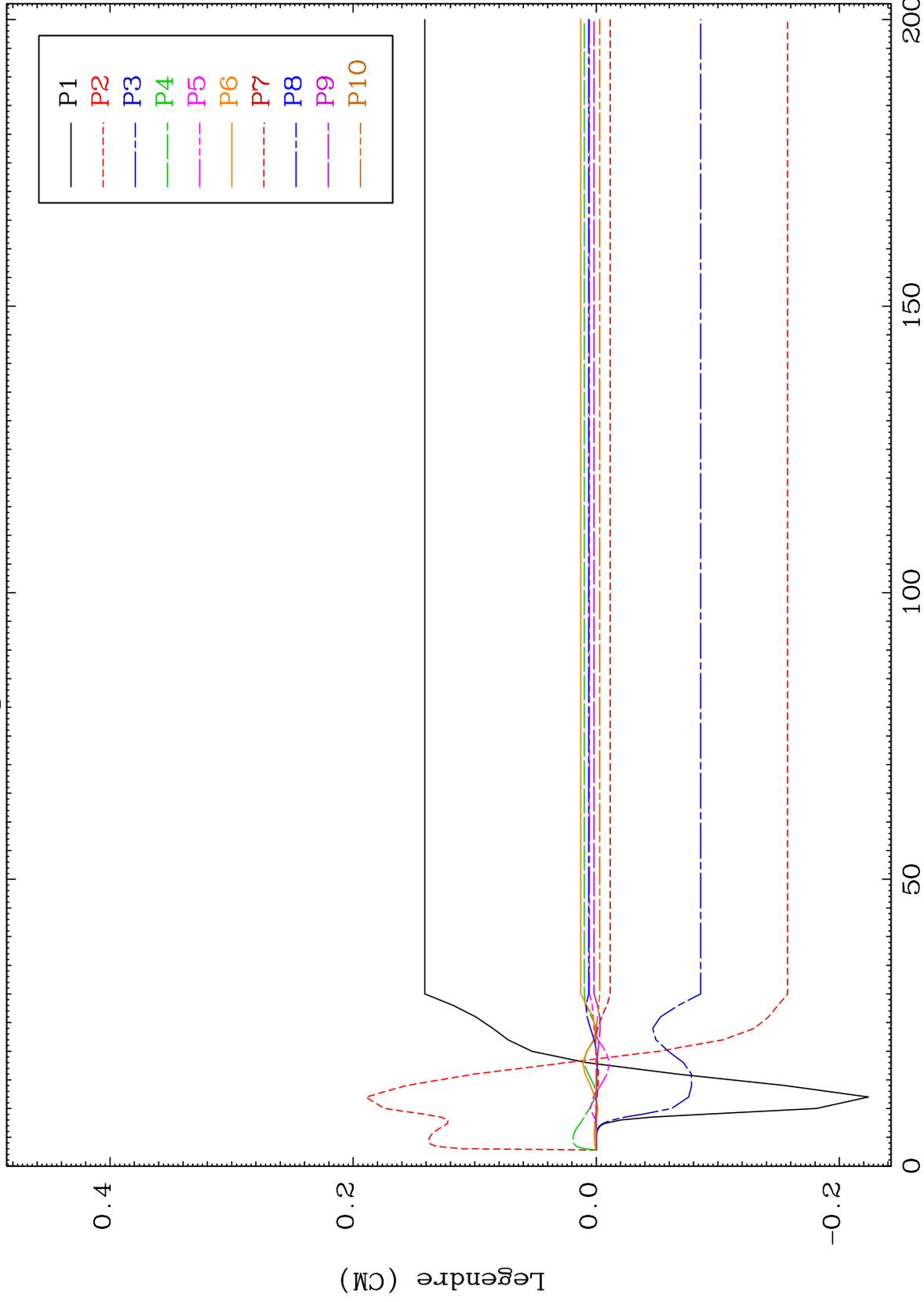
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MAT 5276

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

52-Te-137



46

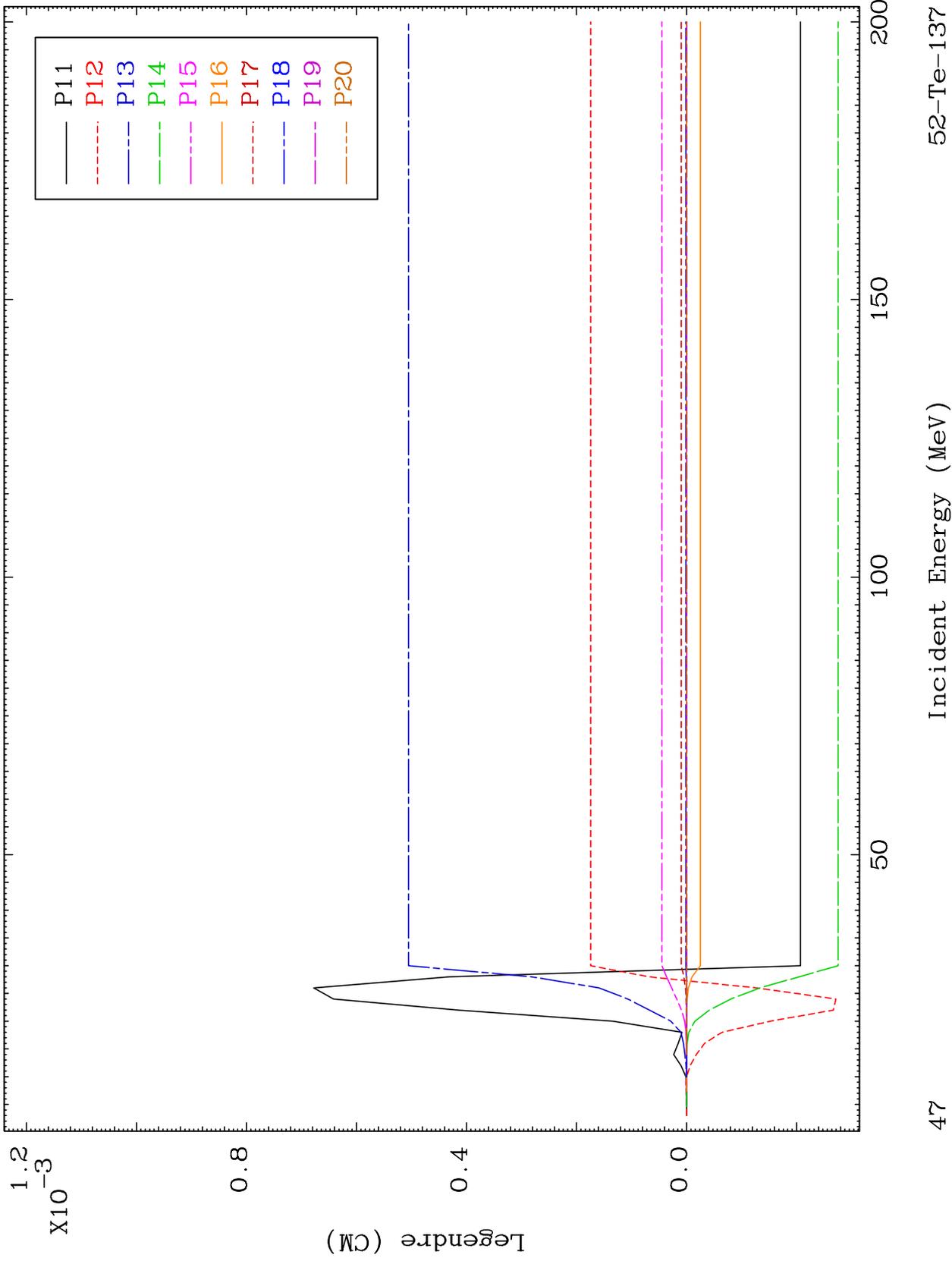
Incident Energy (MeV)

52-Te-137

MAT 5276

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

52-Te-137



47

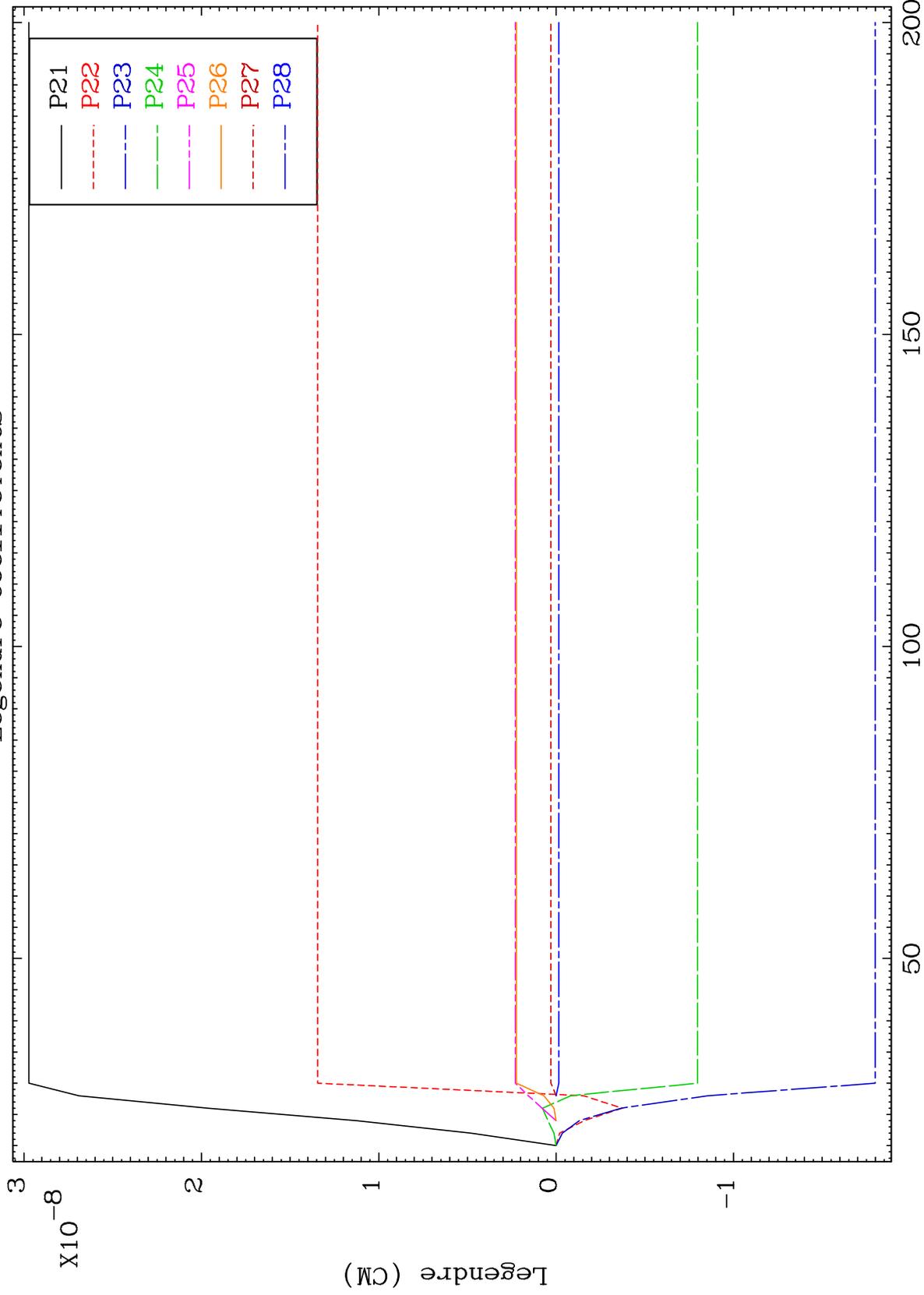
Incident Energy (MeV)

52-Te-137

MAT 5276

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

52-Te-137



48

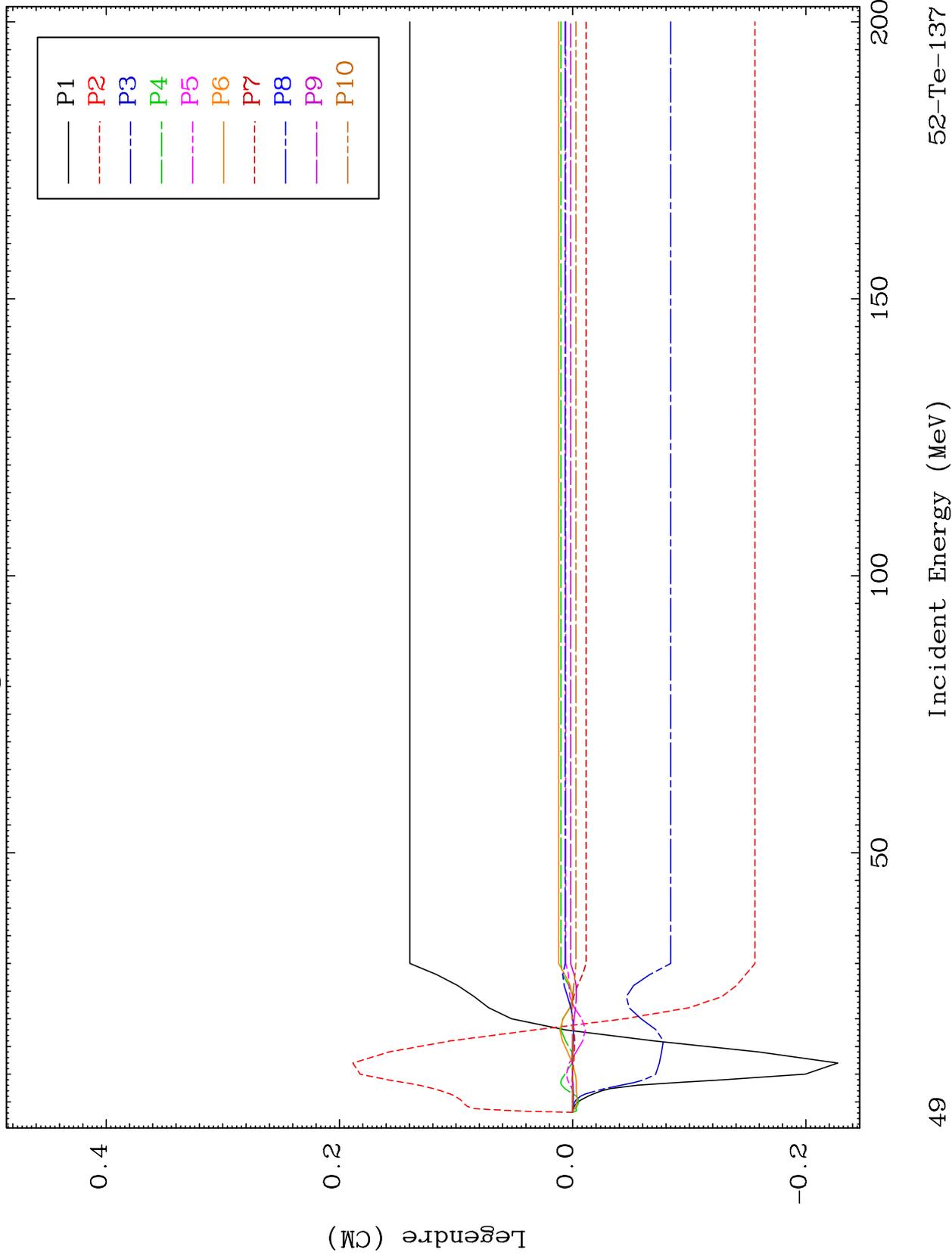
Incident Energy (MeV)

52-Te-137

MAT 5276

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

52-Te-137



49

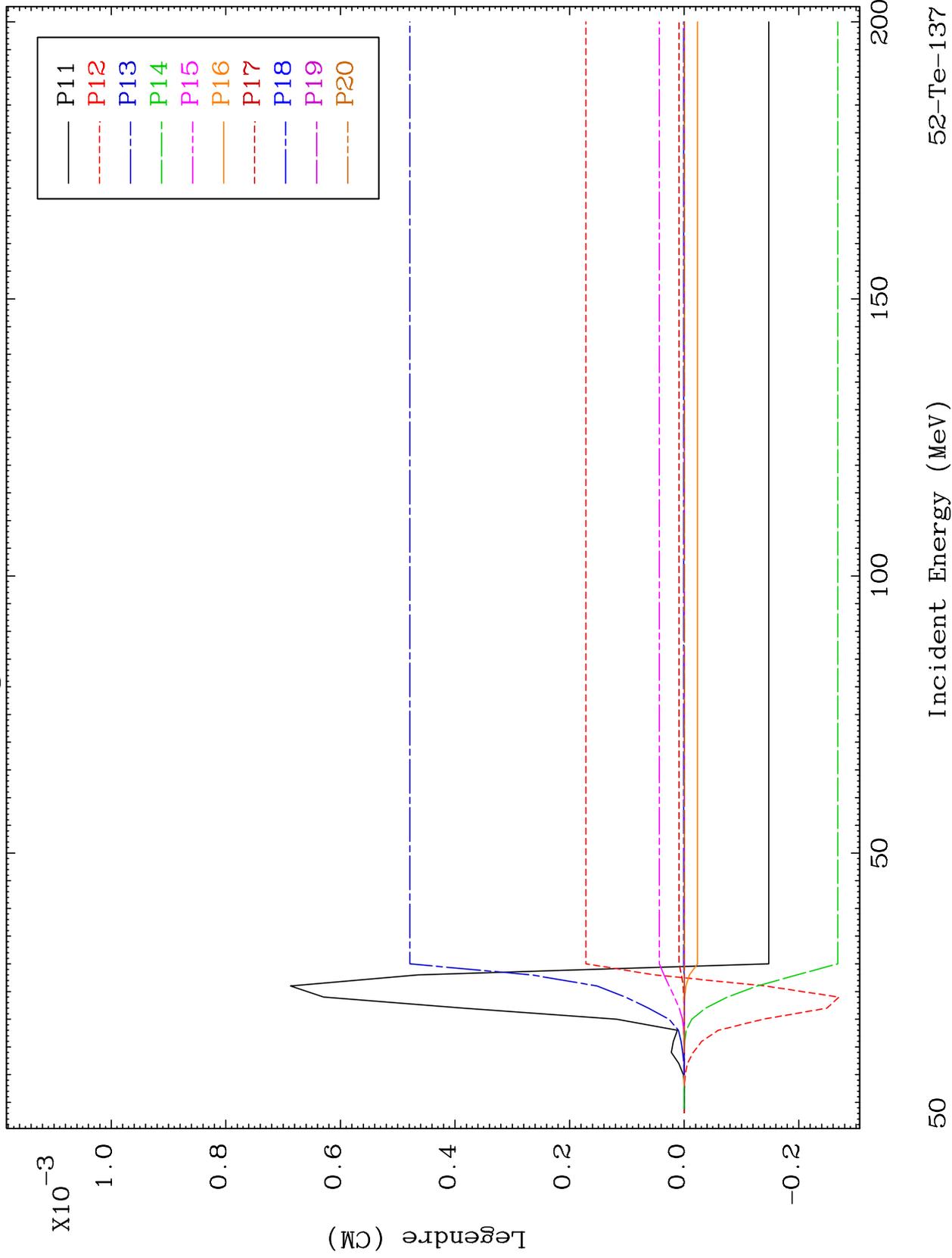
Incident Energy (MeV)

52-Te-137

MAT 5276

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

52-Te-137



50

50

100

150

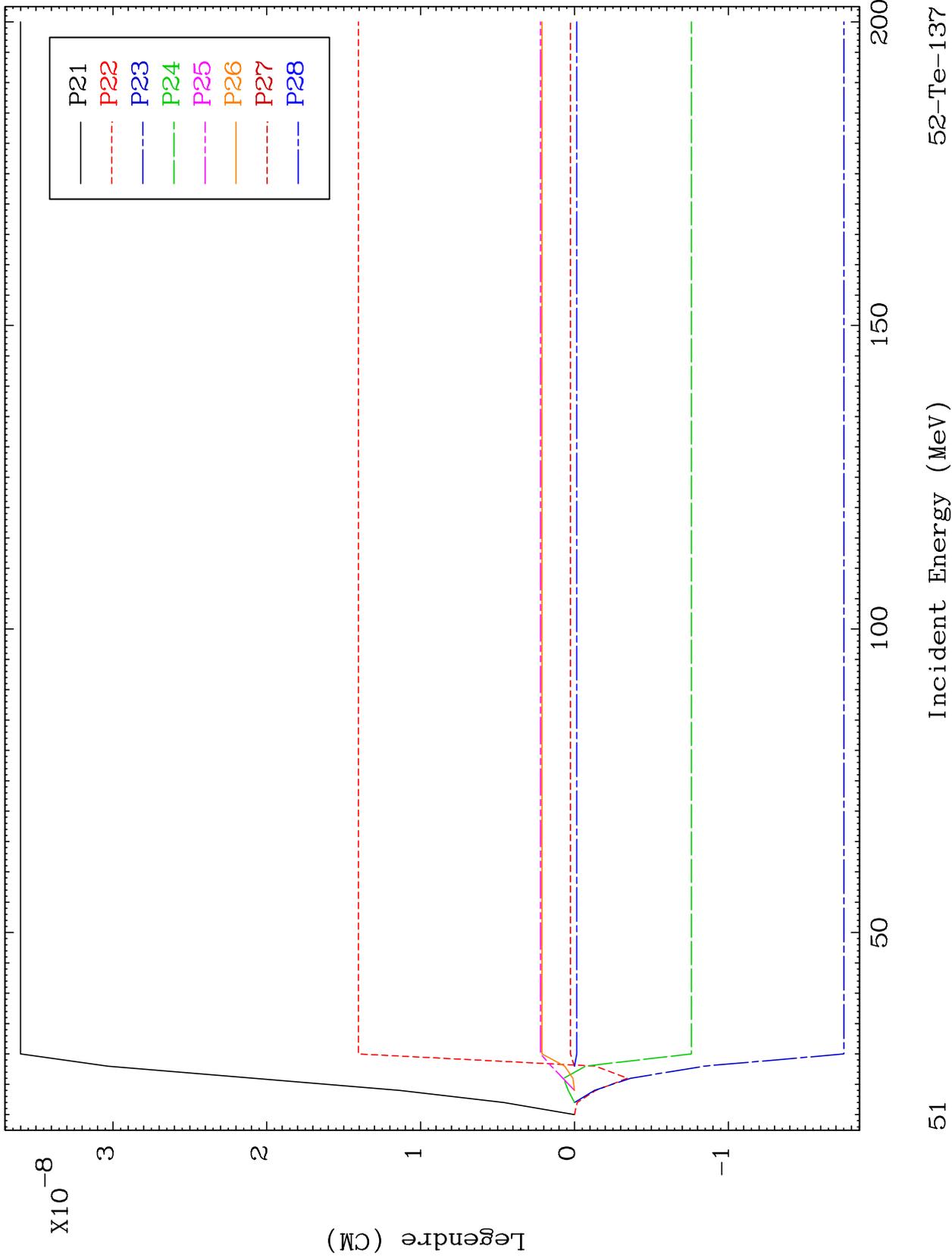
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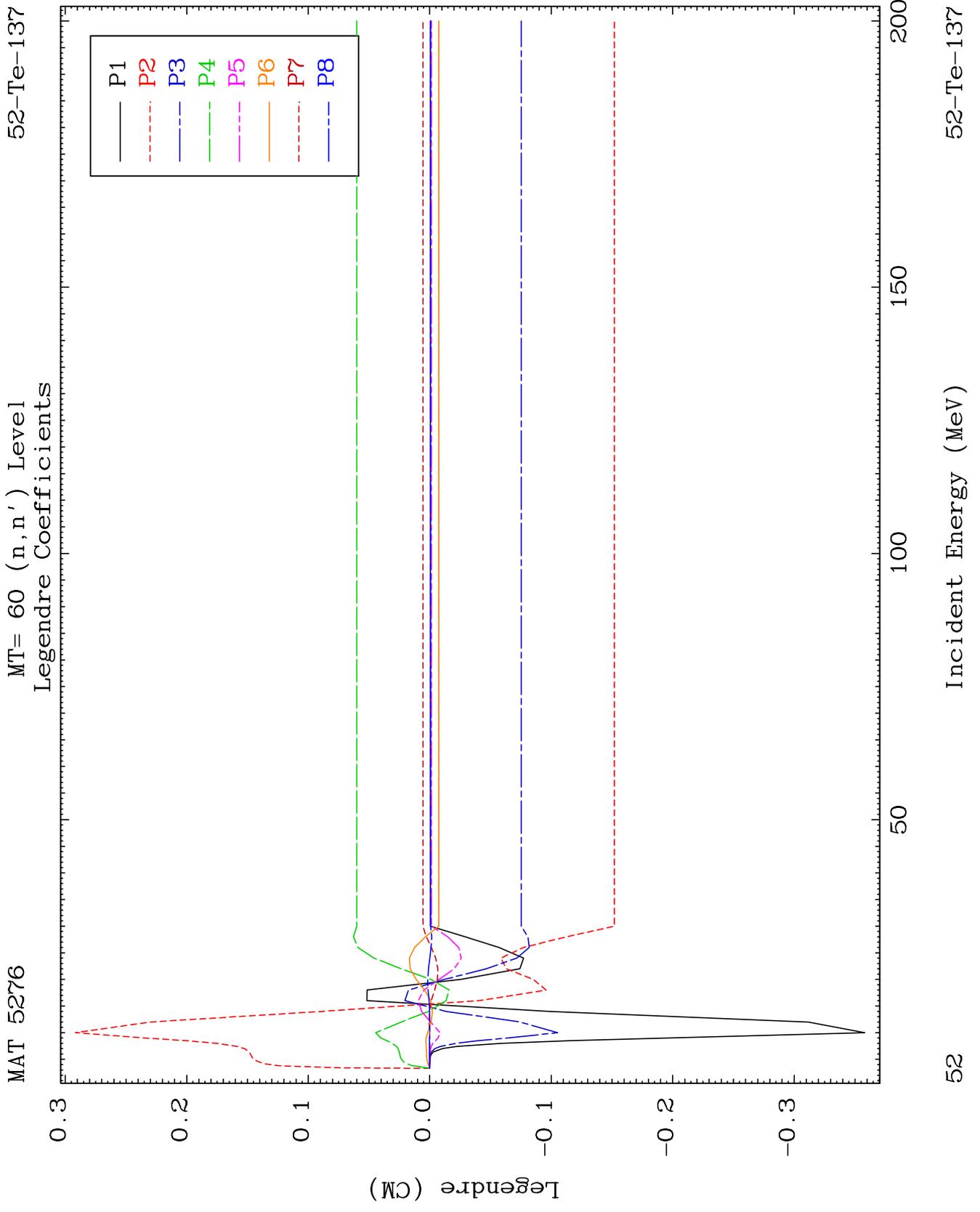
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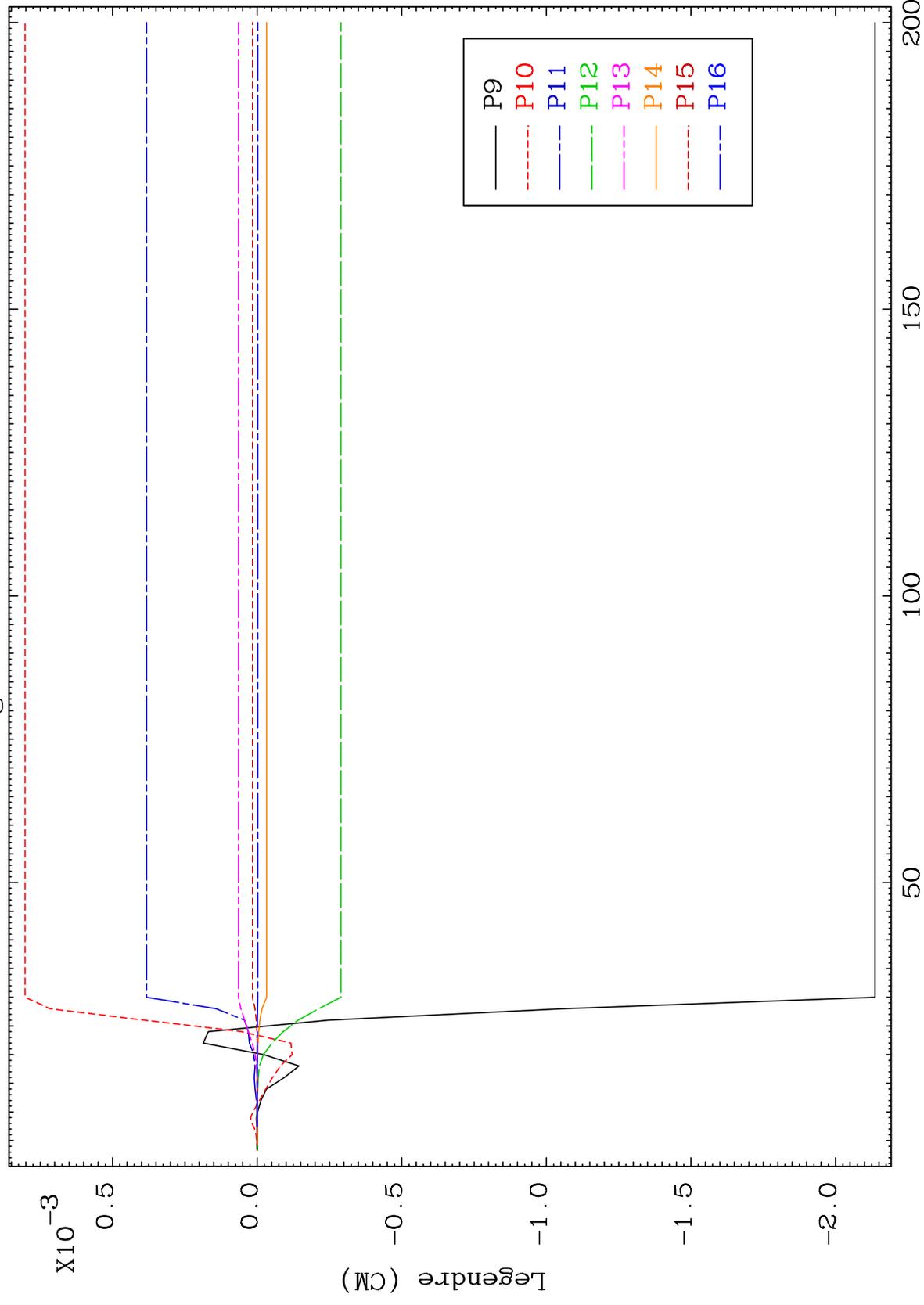
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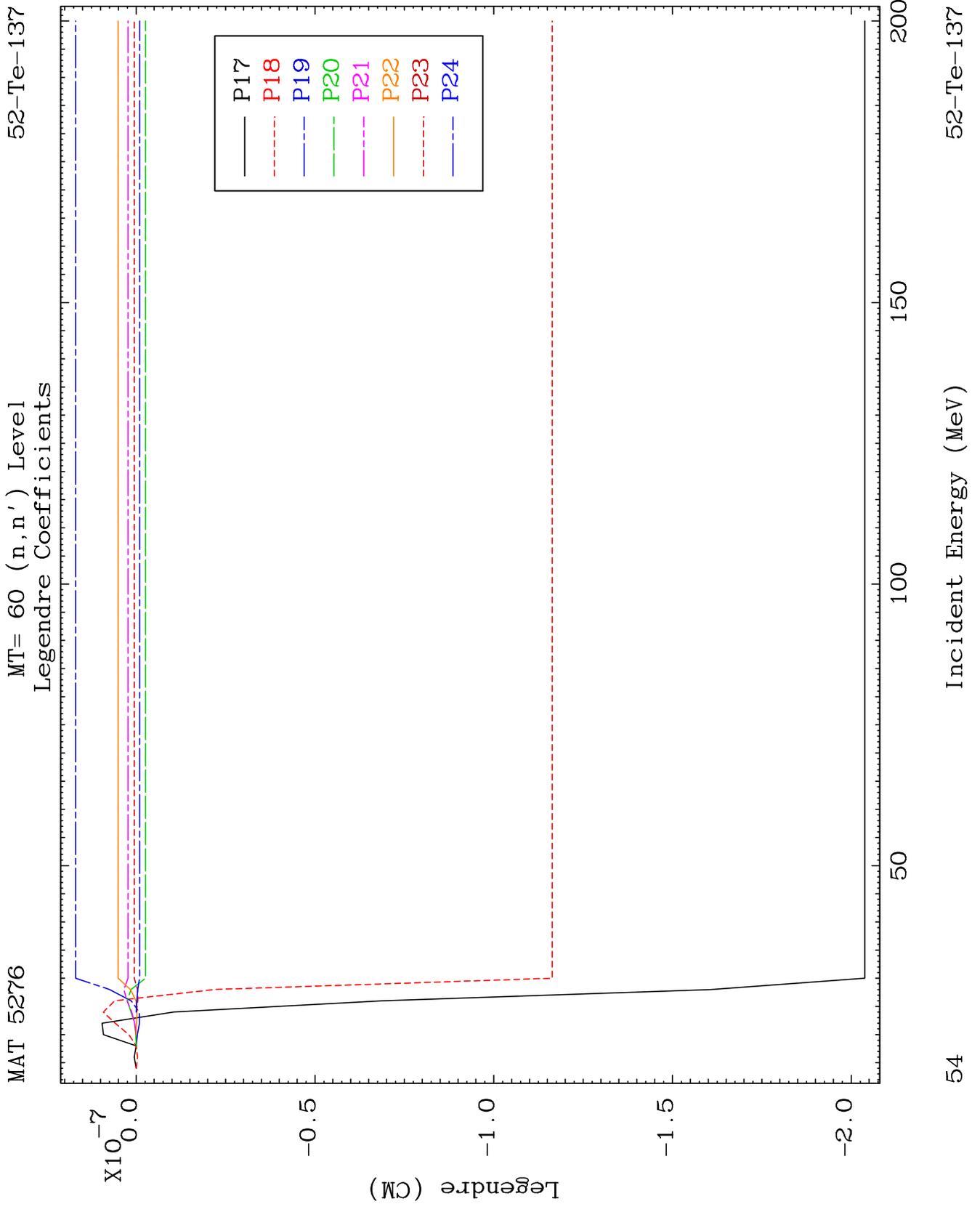
MT= 59 (n,n') Level
Legendre Coefficients

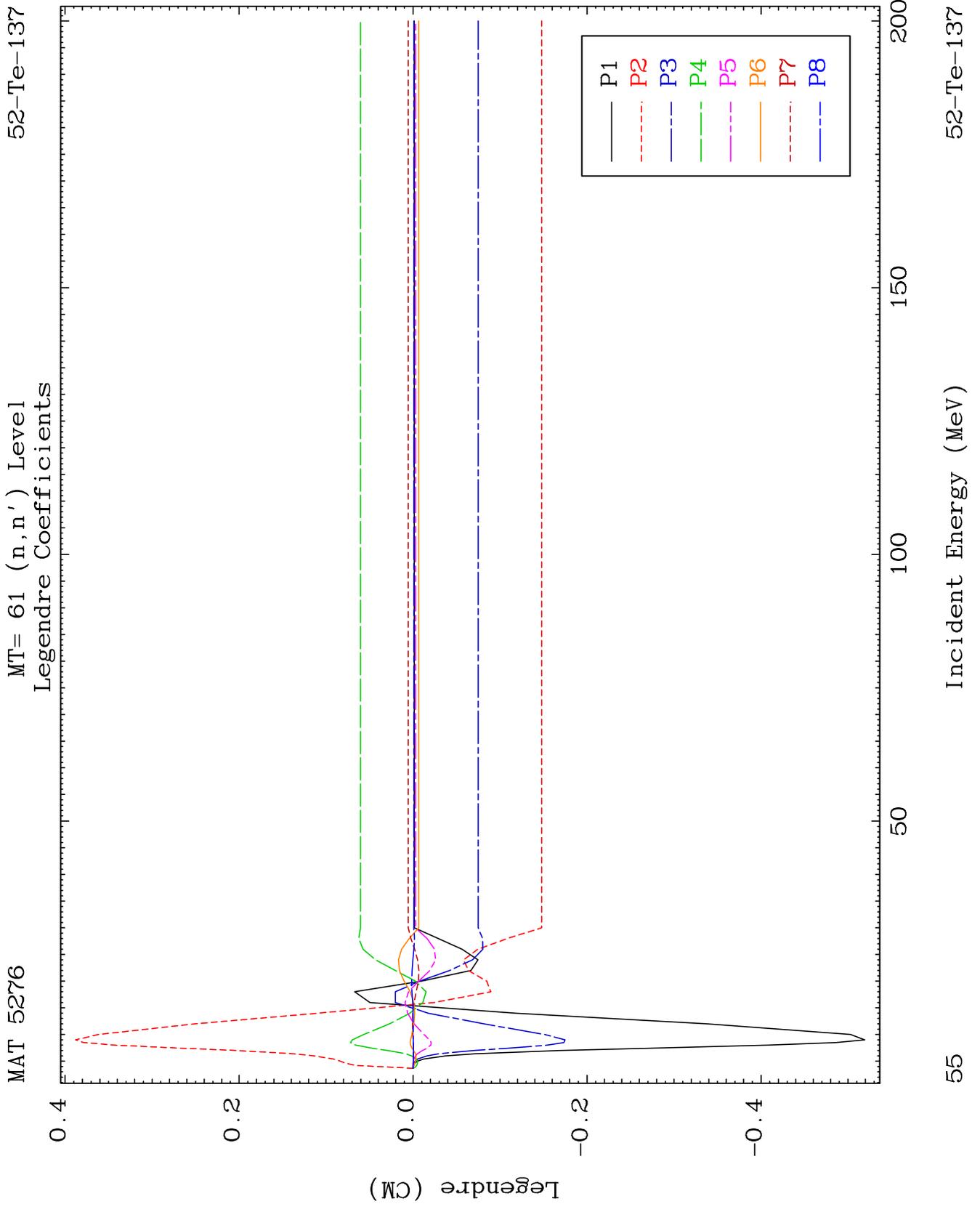
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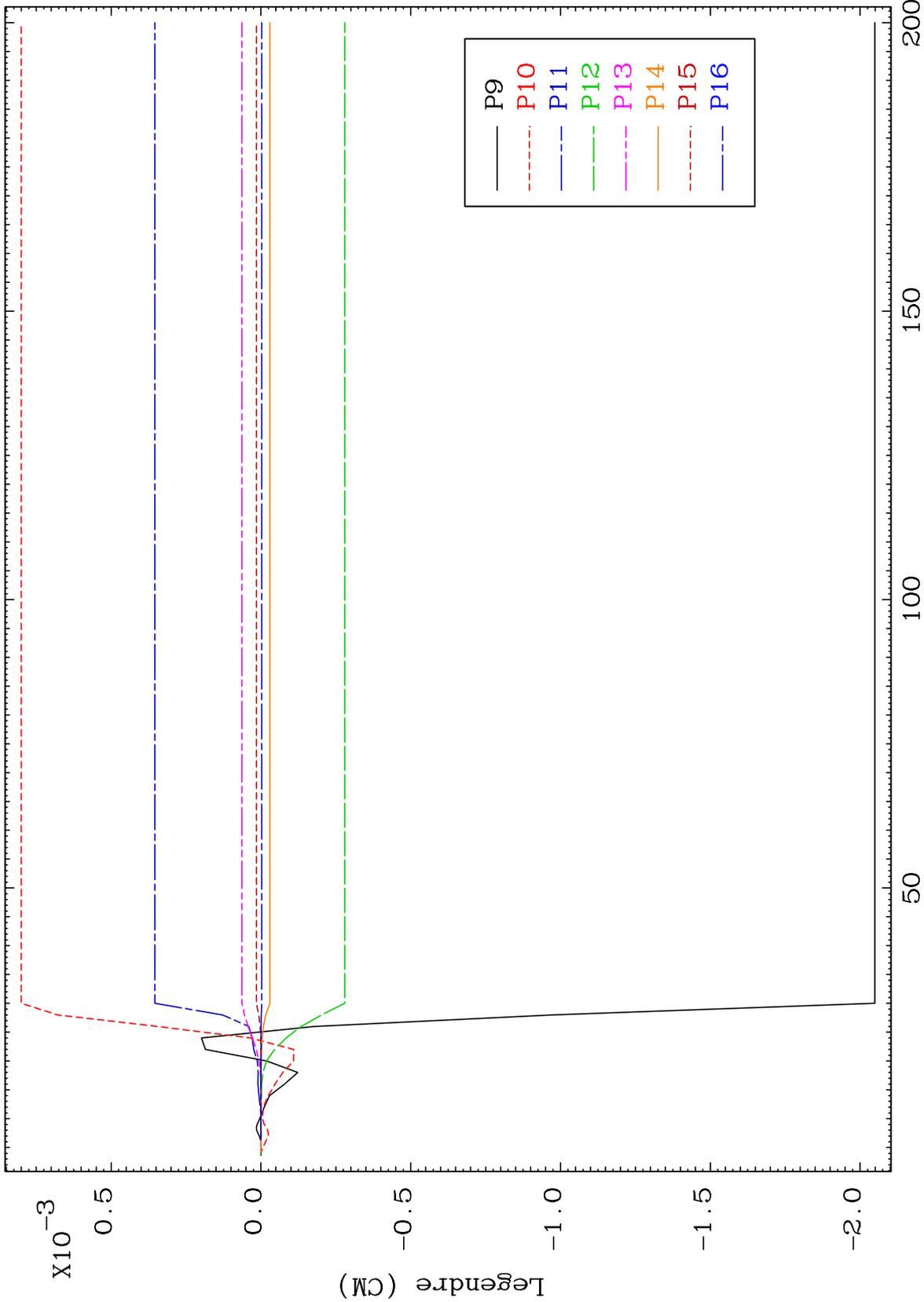


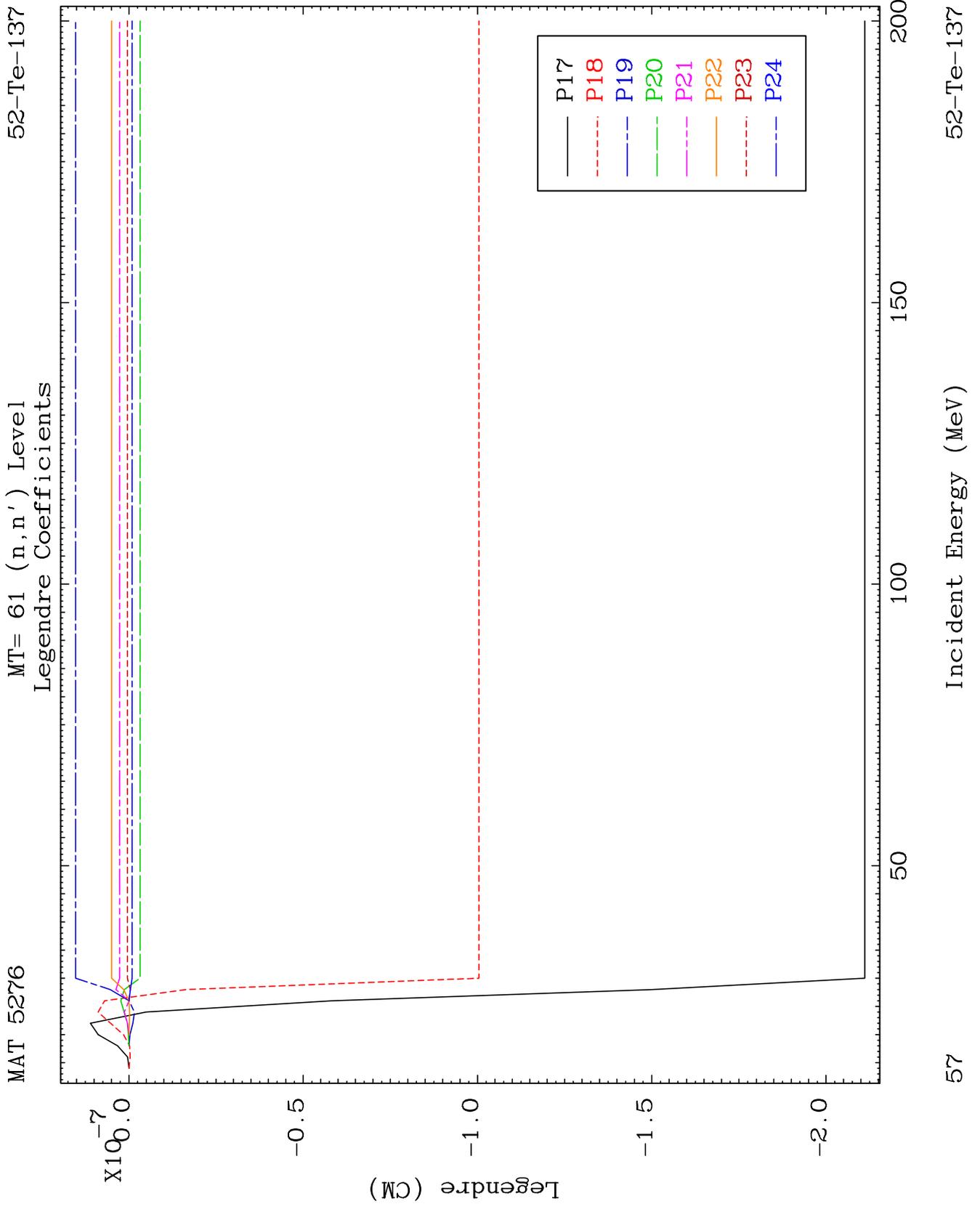








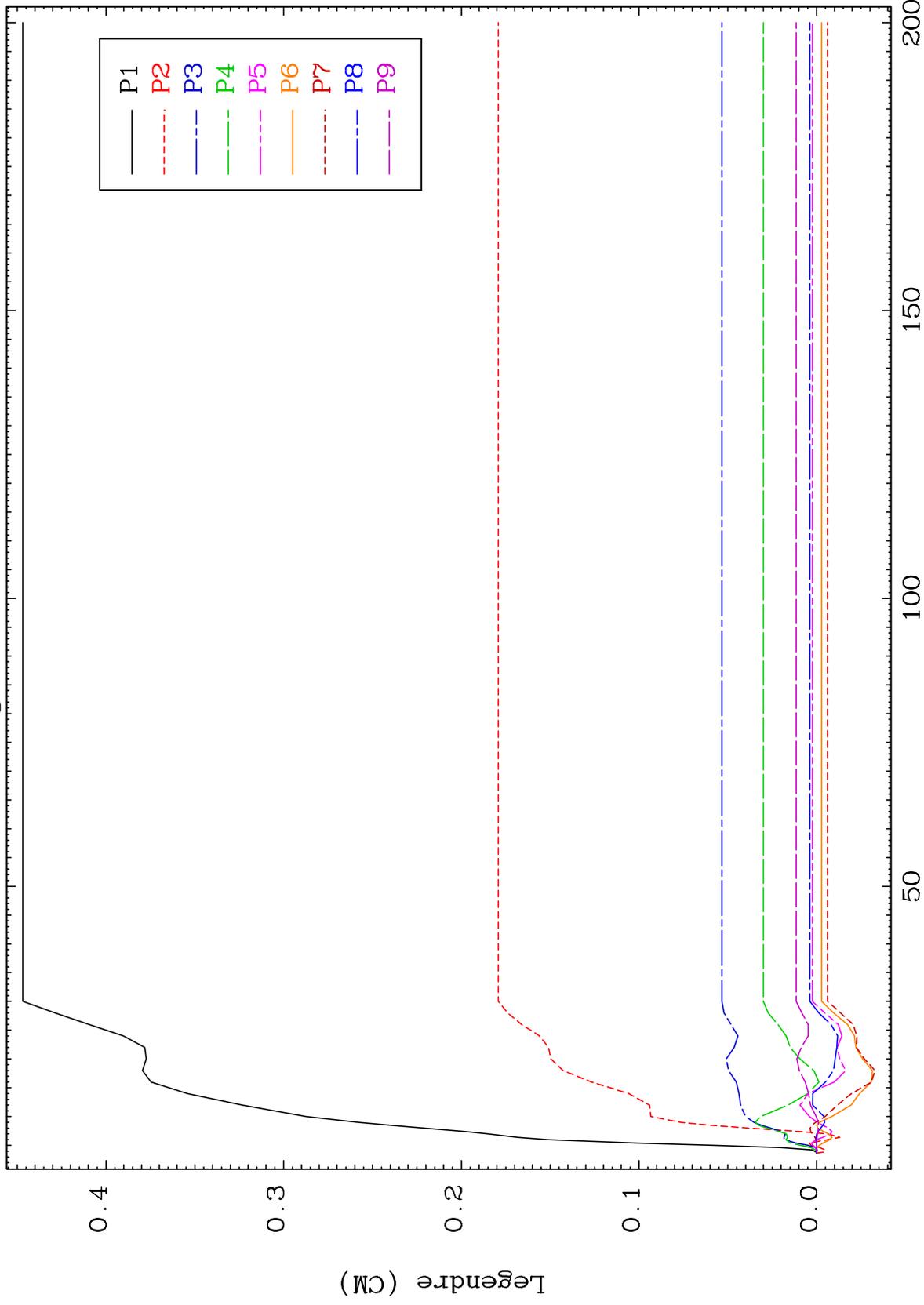




MAT 5276

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

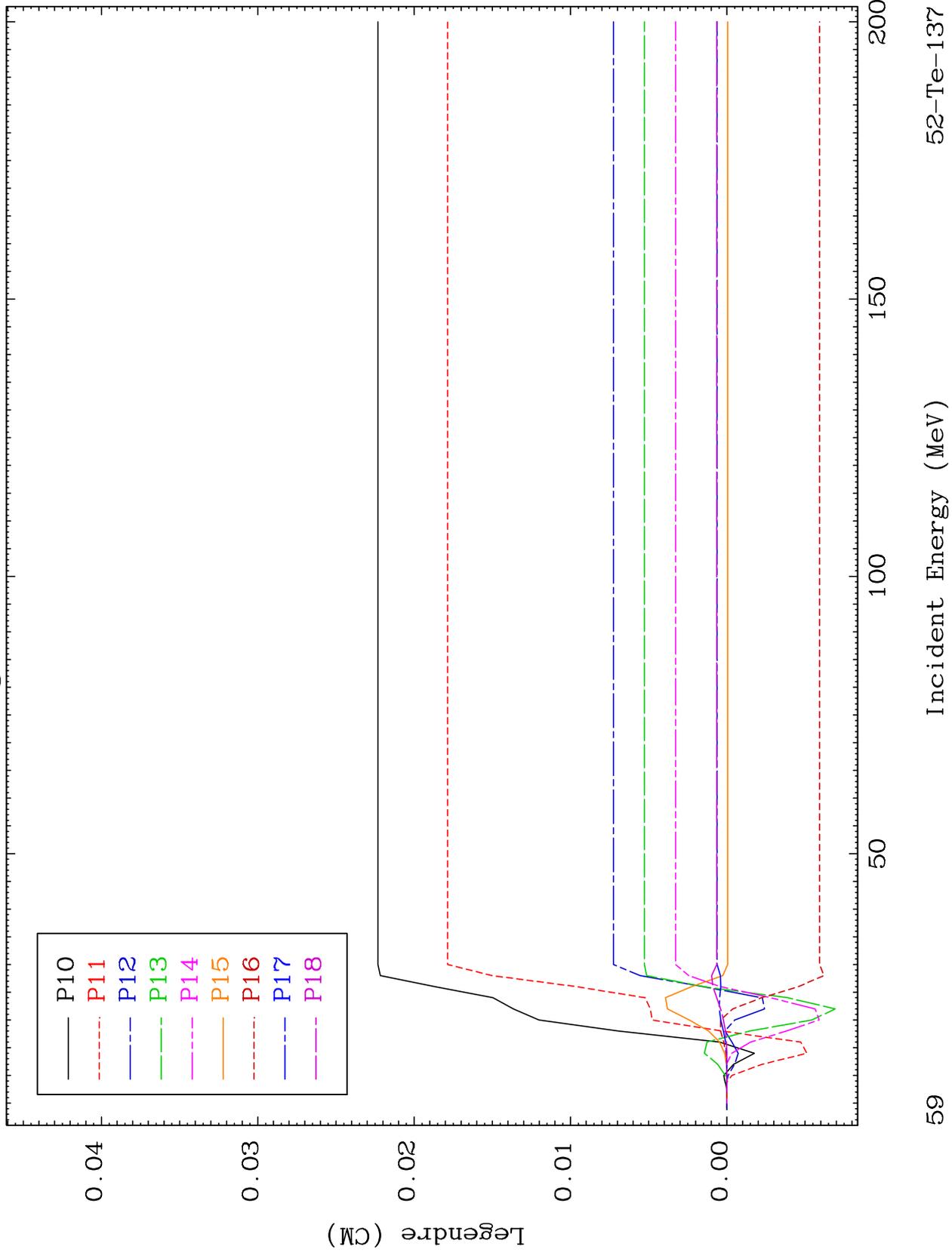
52-Te-137



58

Incident Energy (MeV)

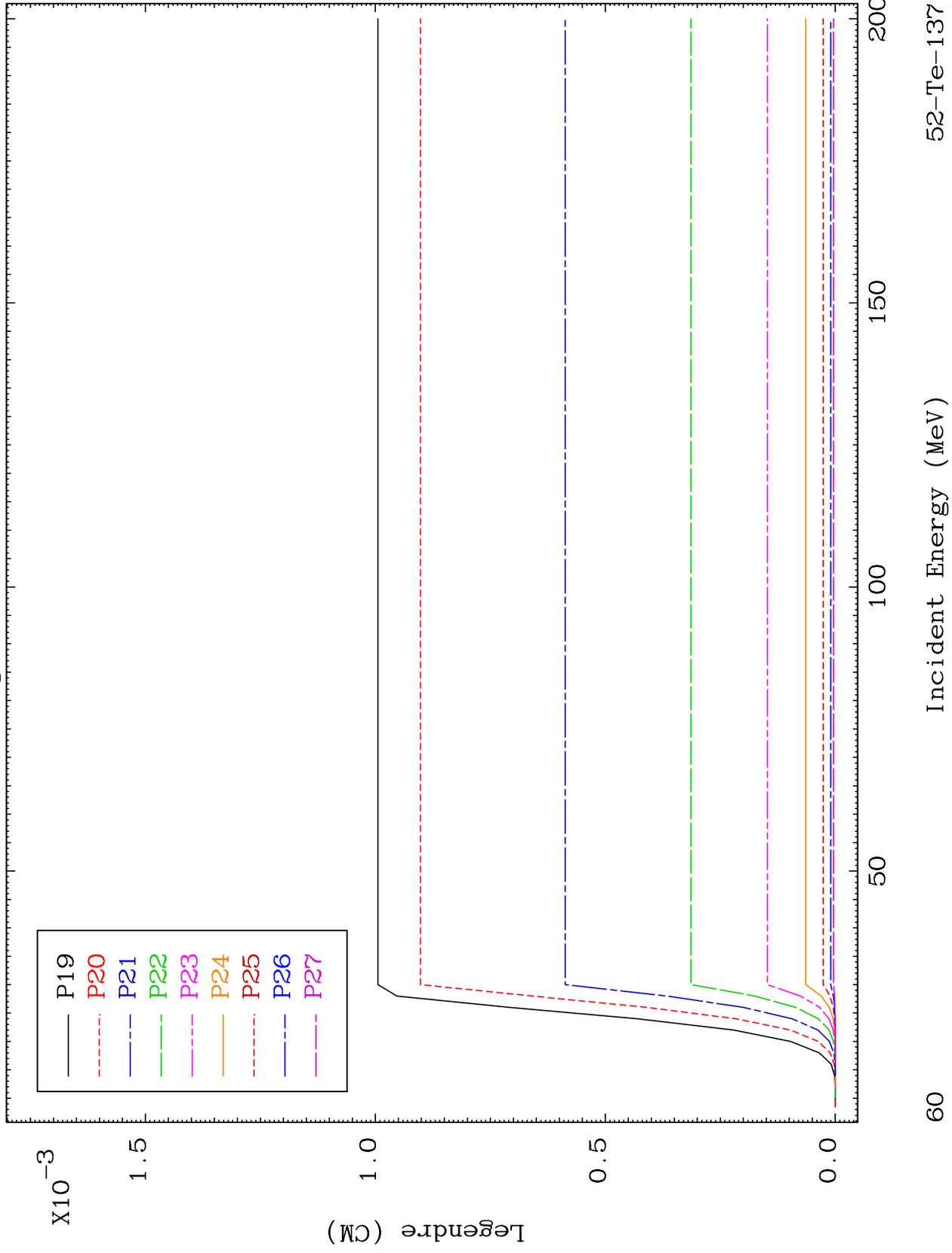
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MAT 5276

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

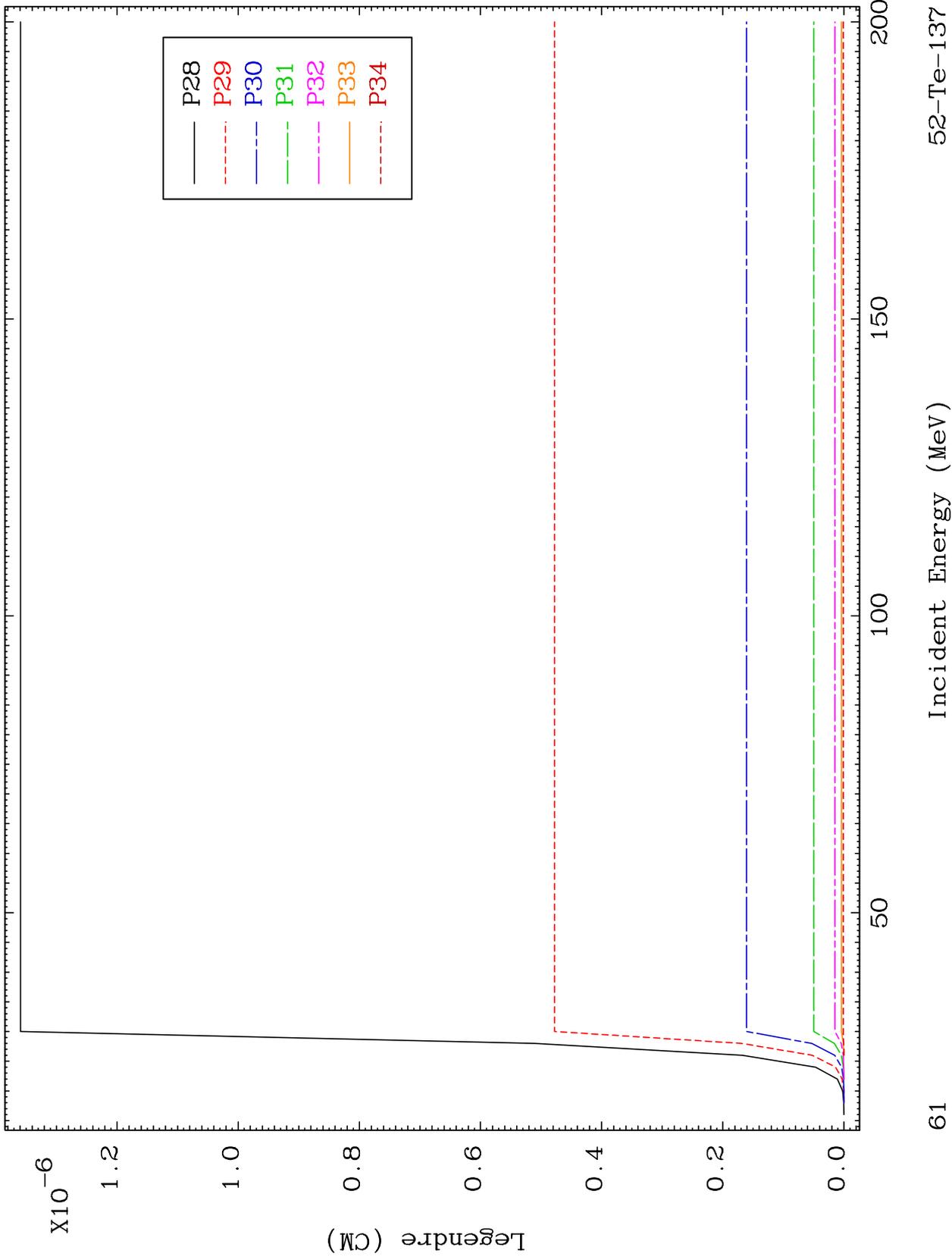
52-Te-137



MAT 5276

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

52-Te-137



61

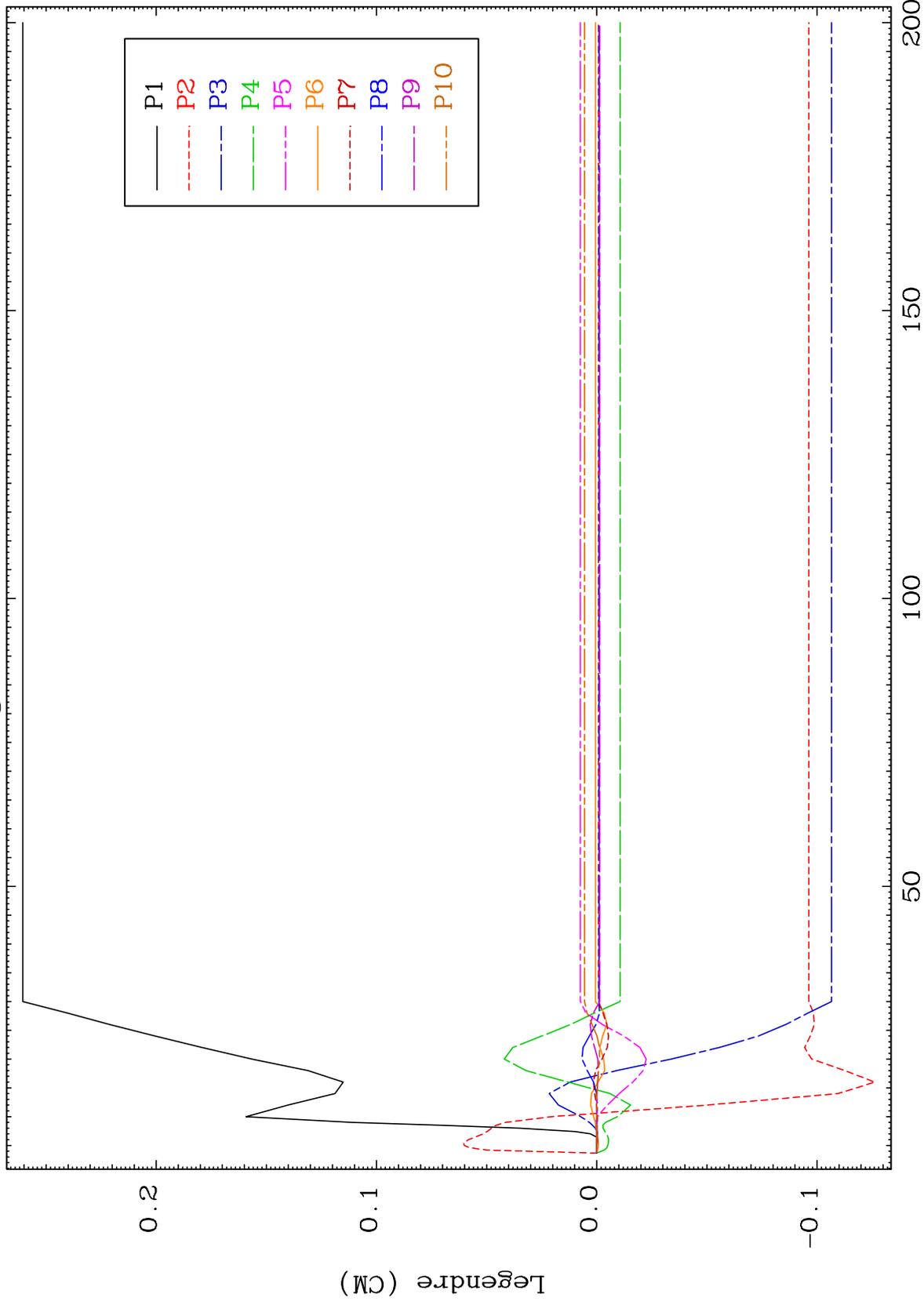
Incident Energy (MeV)

52-Te-137

MAT 5276

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

52-Te-137



62

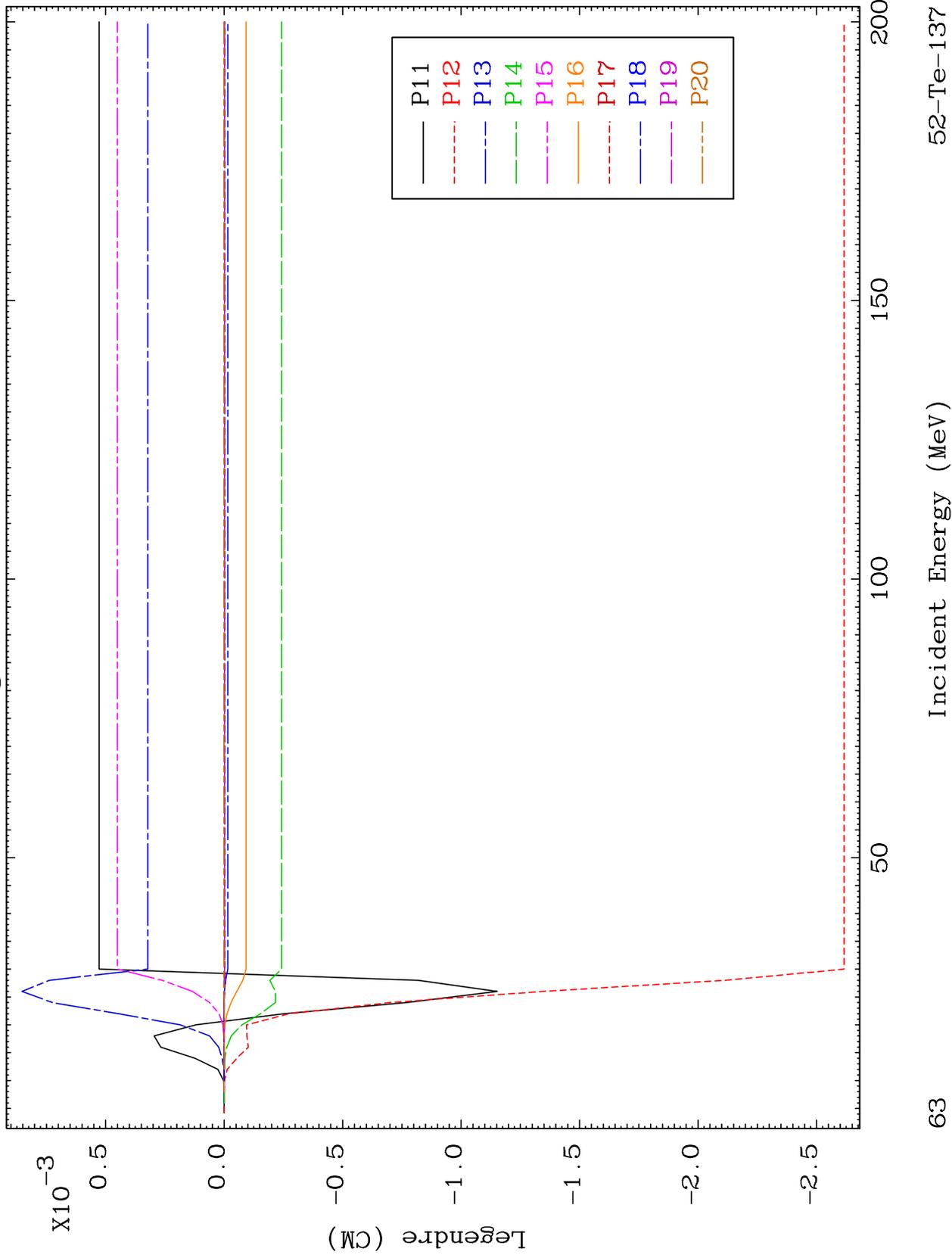
Incident Energy (MeV)

52-Te-137

MAT 5276

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

52-Te-137



63

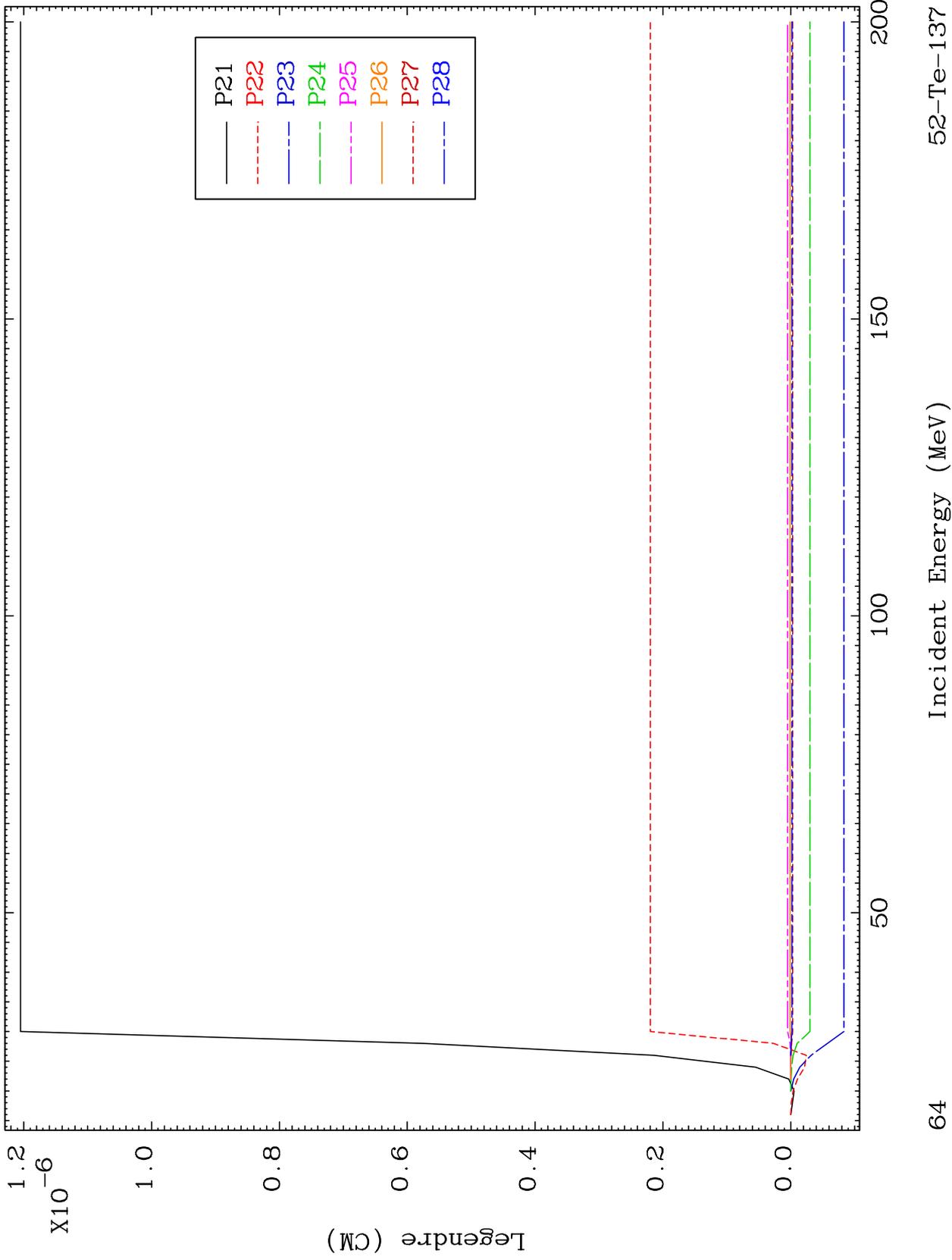
Incident Energy (MeV)

52-Te-137

MAT 5276

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

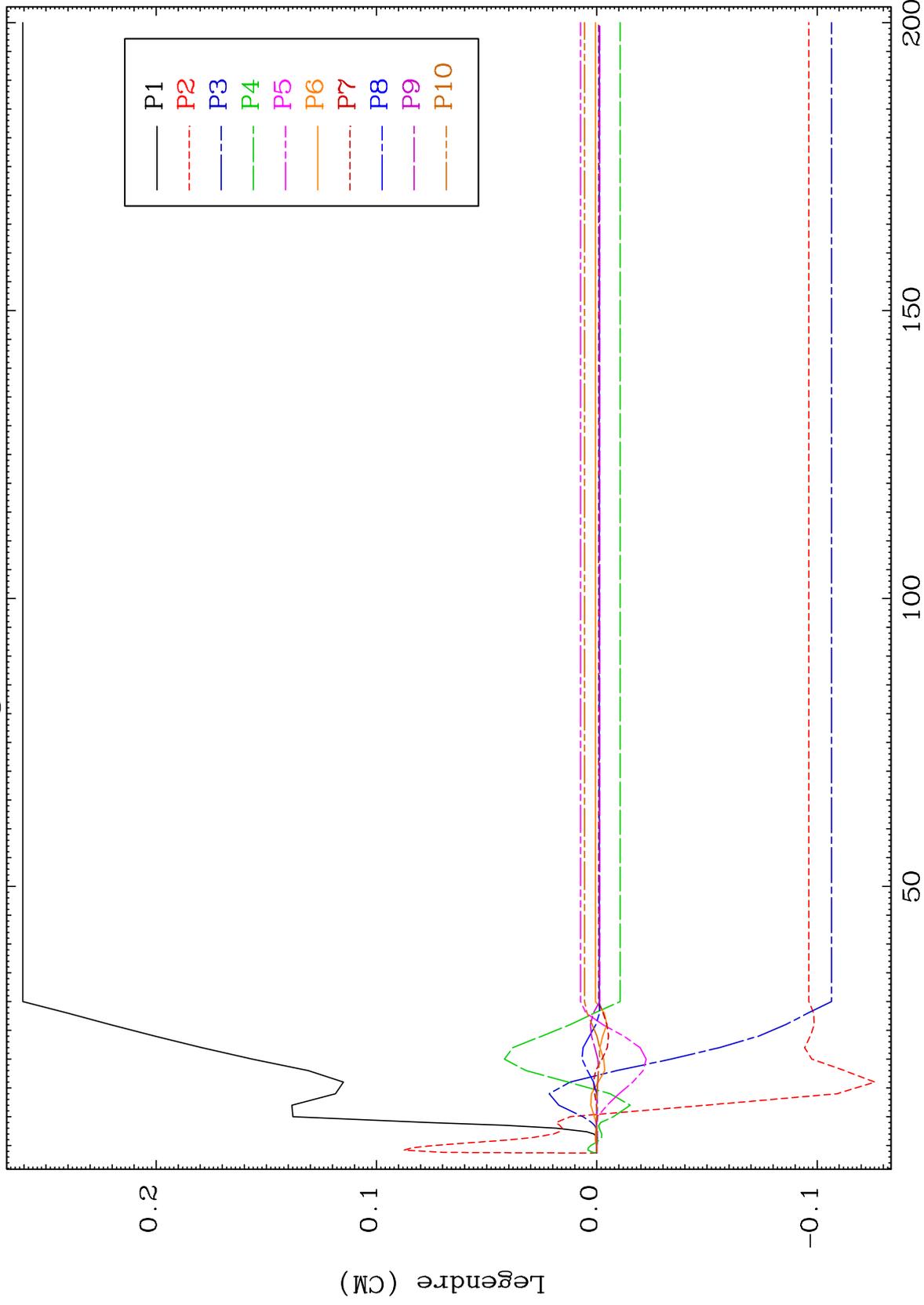
52-Te-137



MAT 5276

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

52-Te-137



65

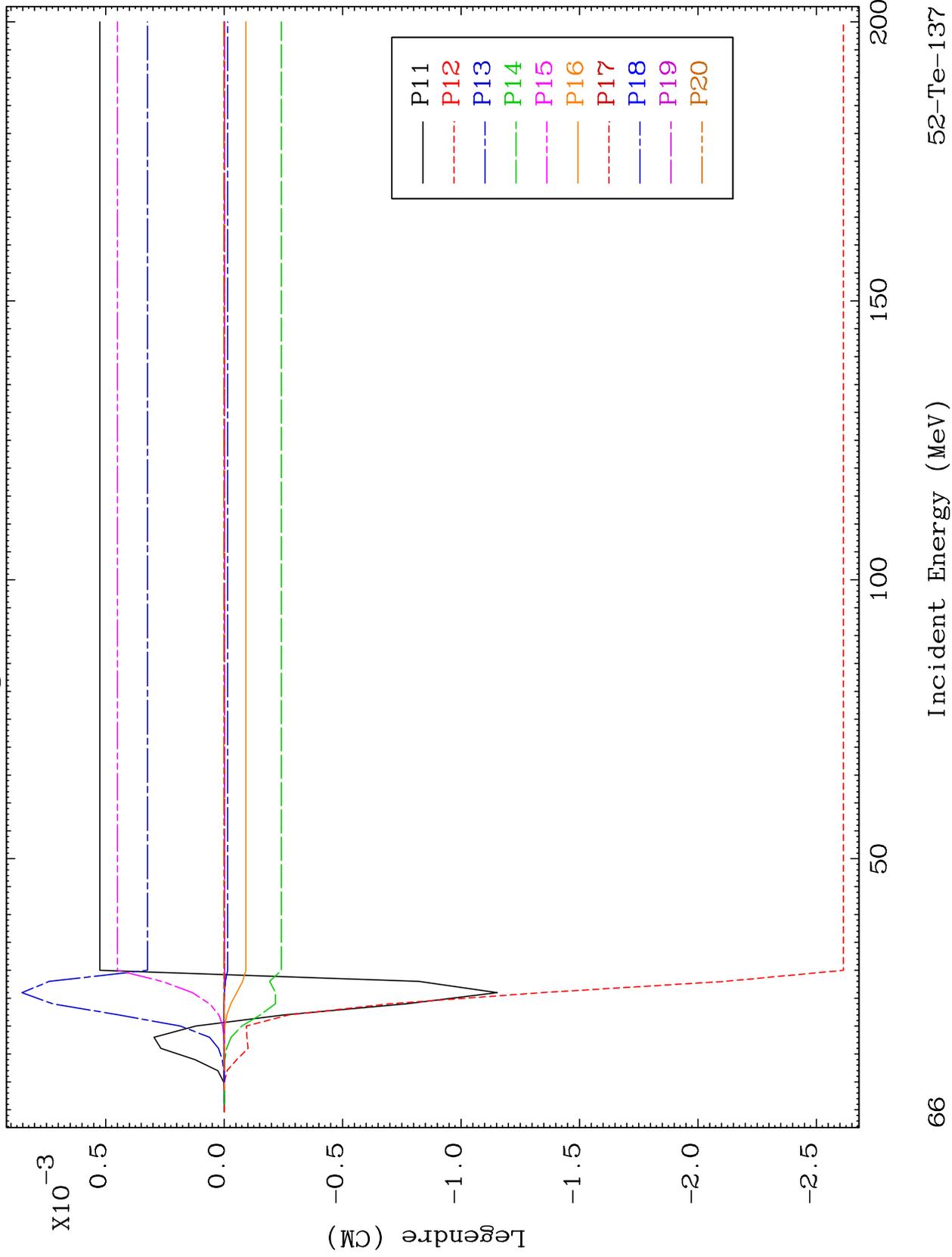
Incident Energy (MeV)

52-Te-137

MAT 5276

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

52-Te-137



66

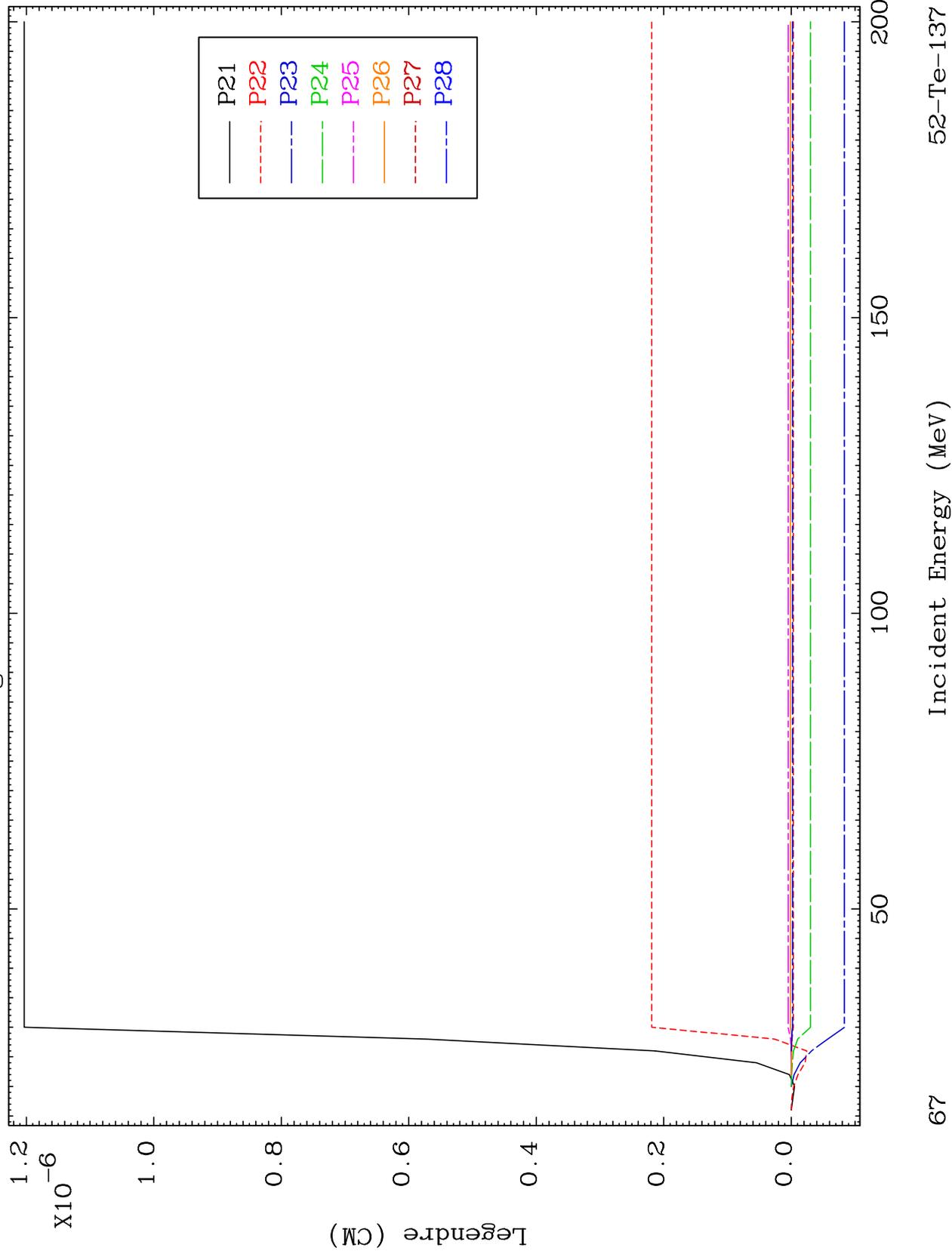
Incident Energy (MeV)

52-Te-137

MAT 5276

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

52-Te-137



67

Incident Energy (MeV)

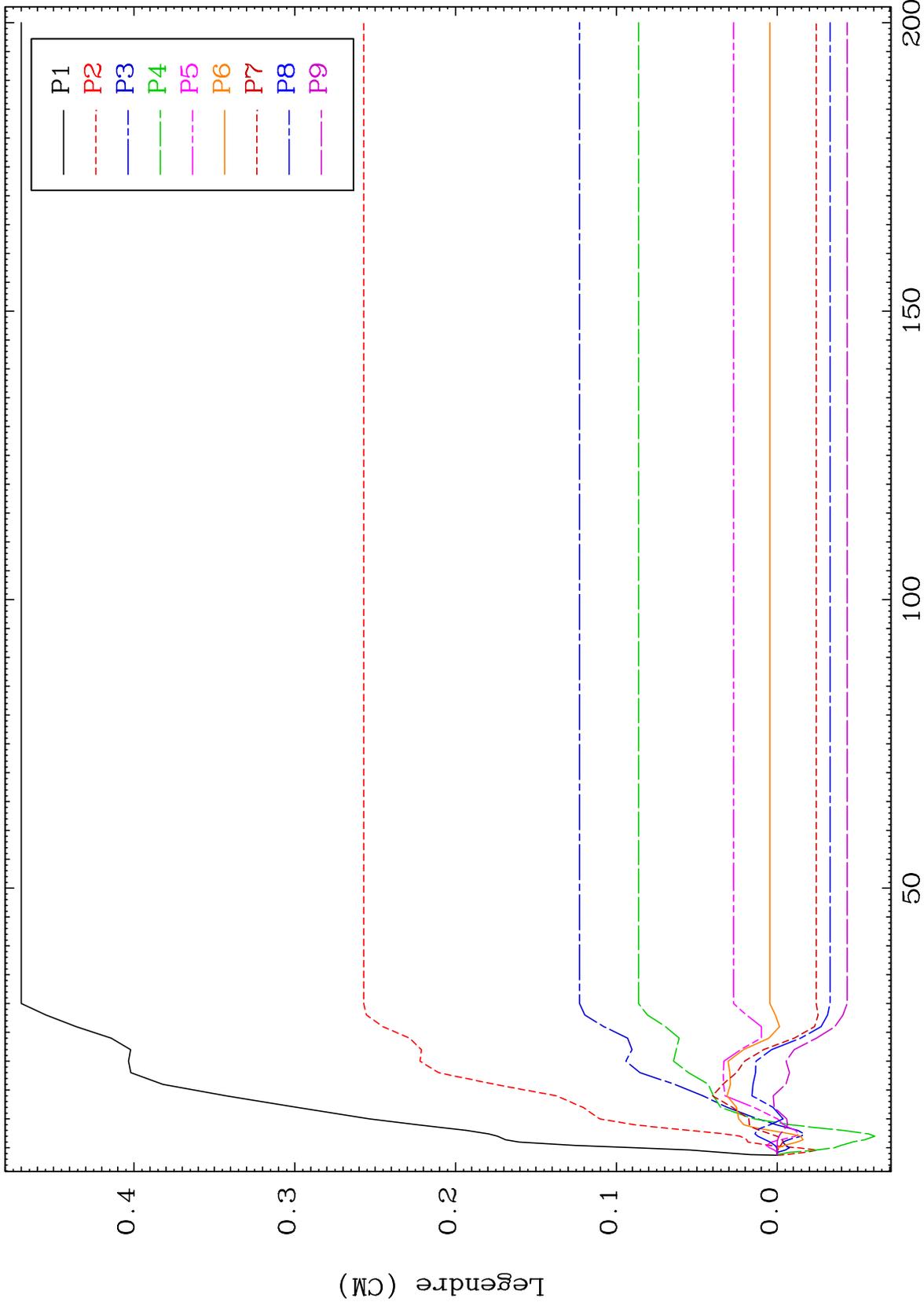
52-Te-137

MAT 5276

MT= 65 (n,n') Level

52-Te-137

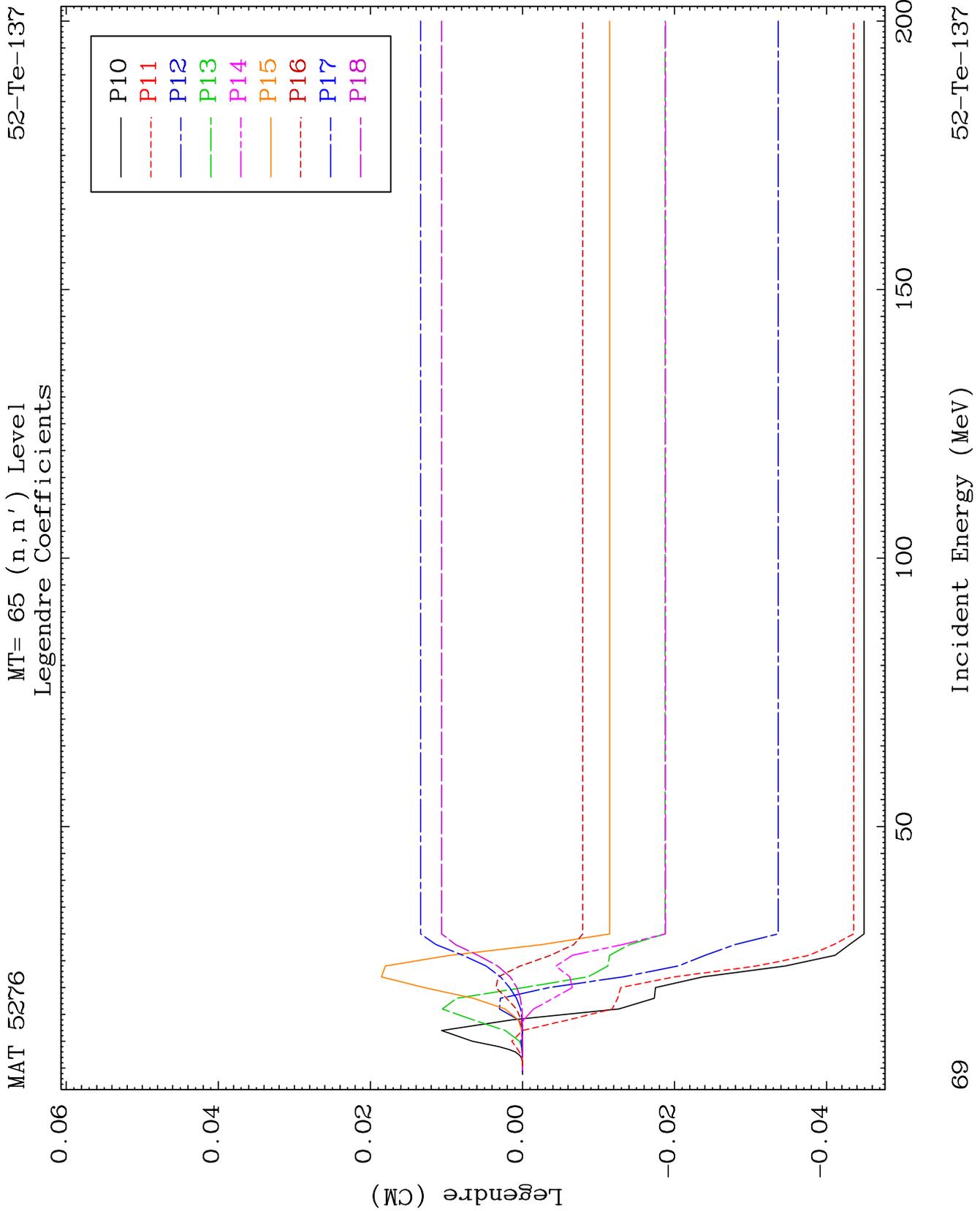
Legendre Coefficients

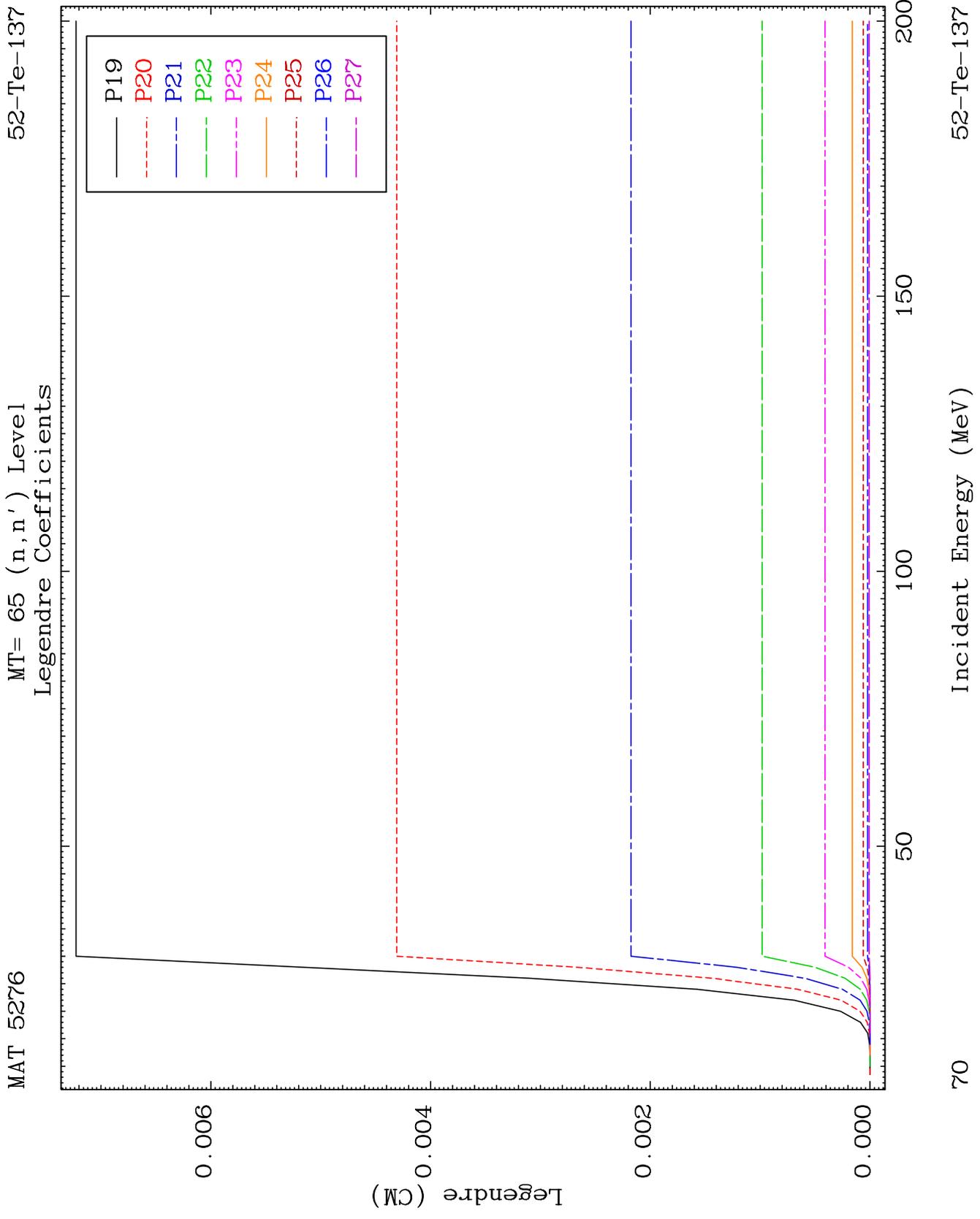


68

Incident Energy (MeV)

52-Te-137

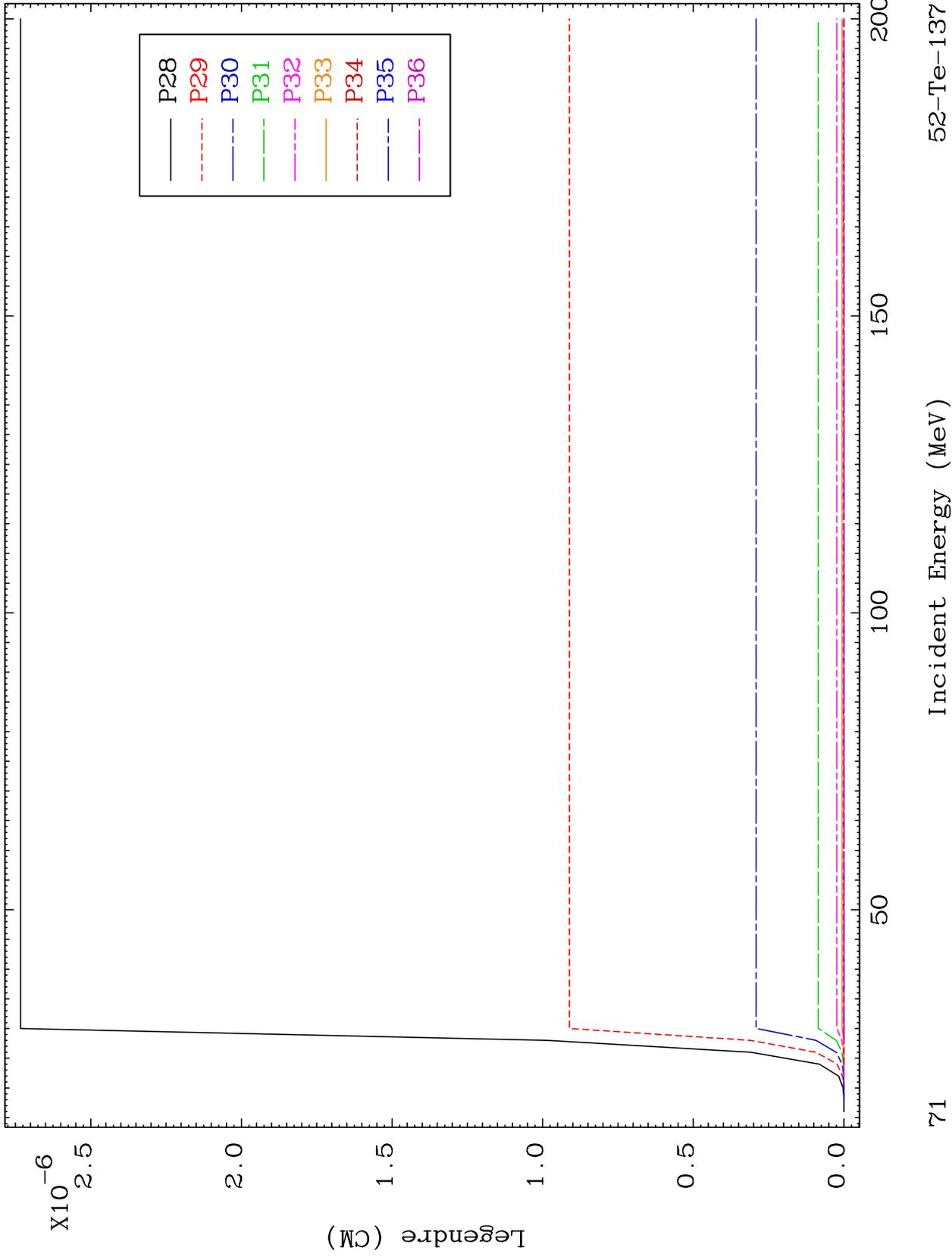




MAT 5276

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

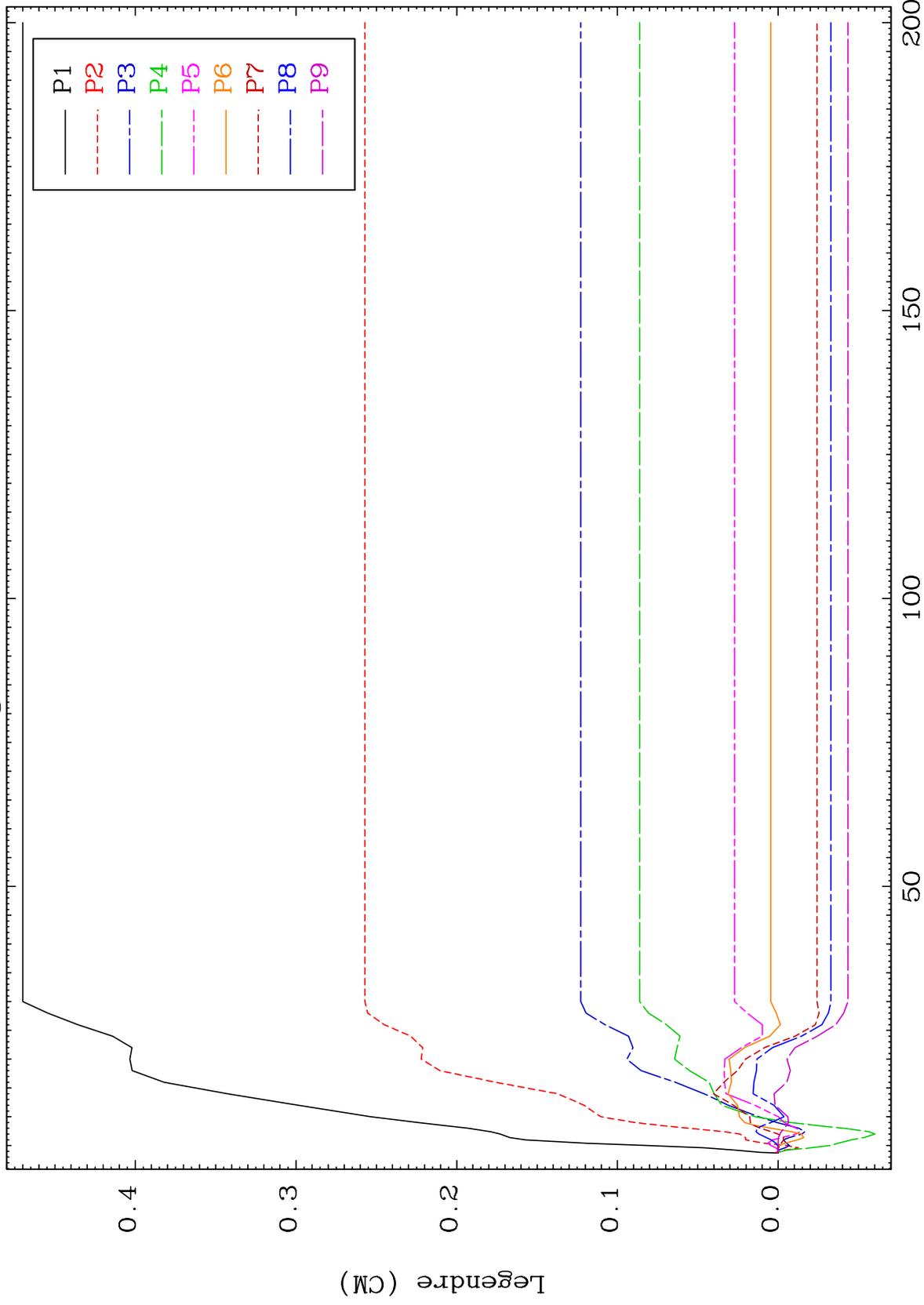
52-Te-137



MAT 5276

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

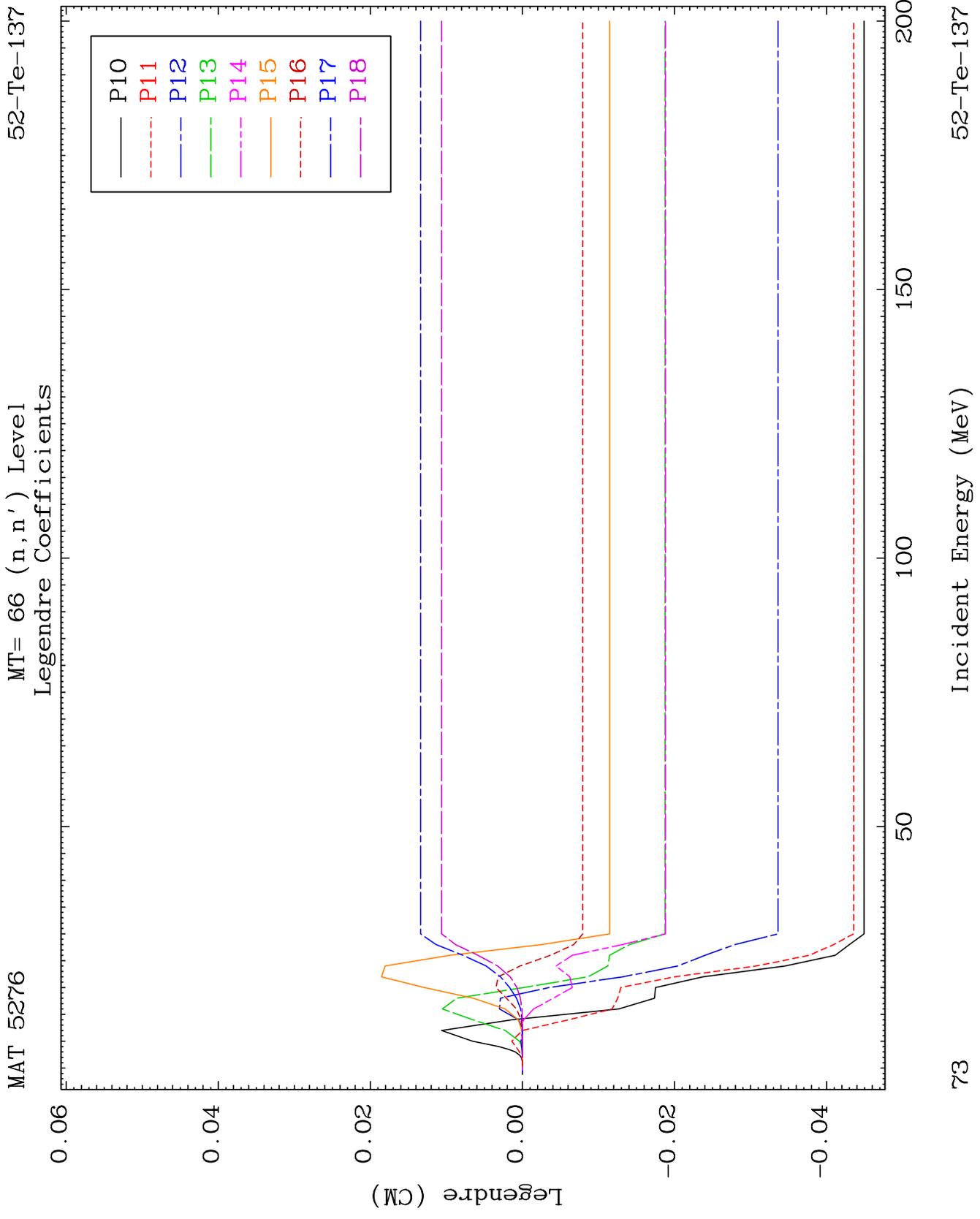
52-Te-137



72

Incident Energy (MeV)

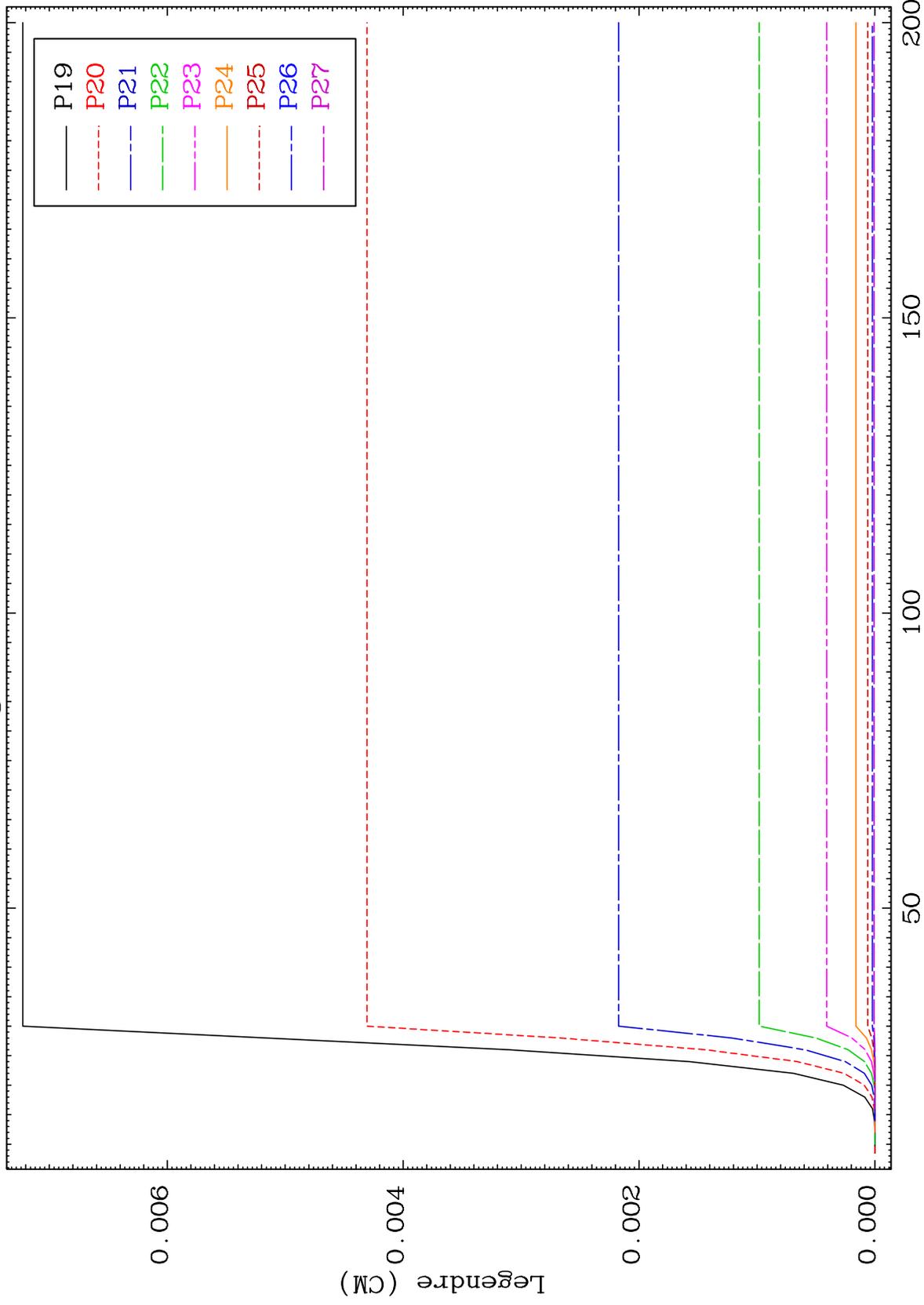
52-Te-137



MAT 5276

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

52-Te-137



74

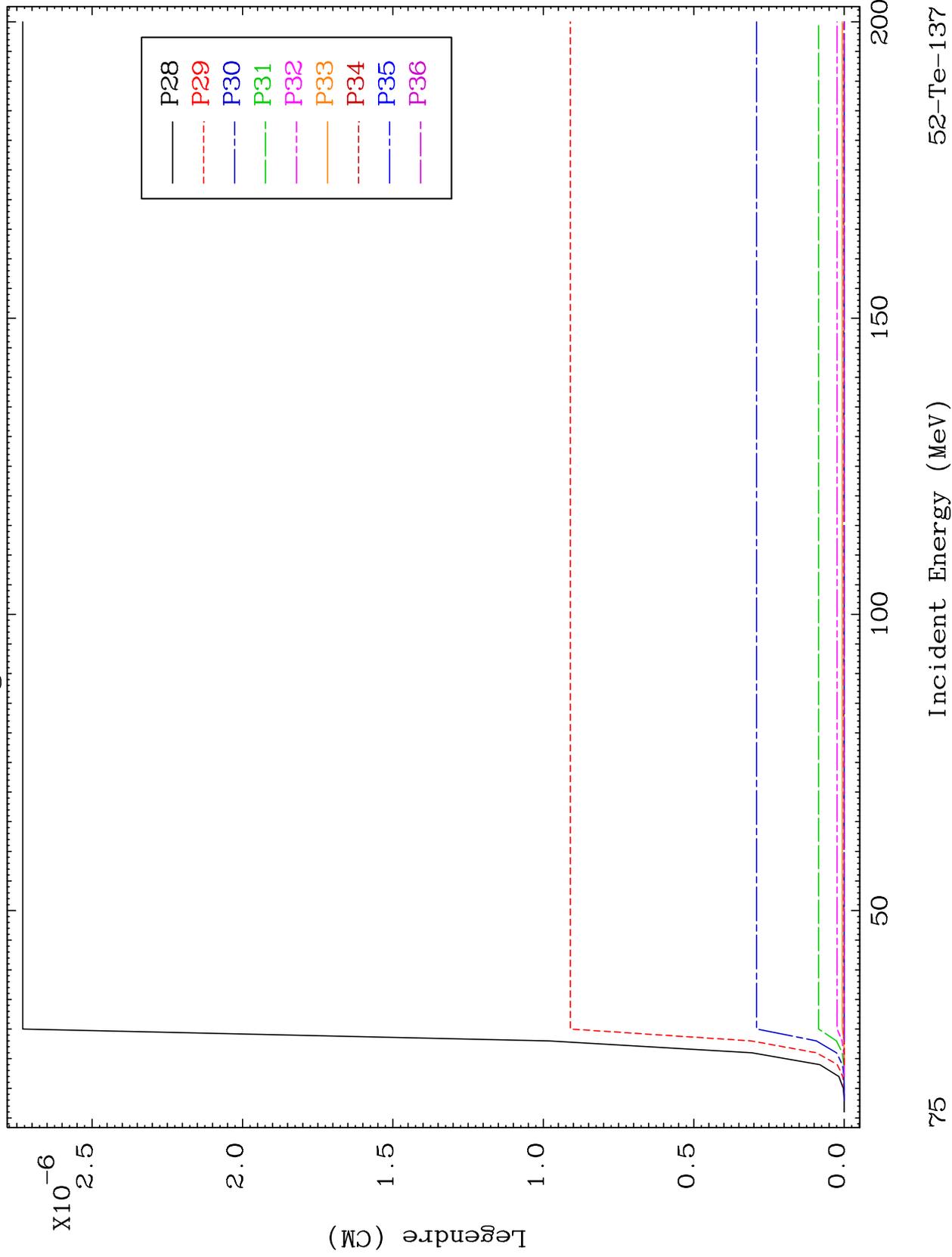
Incident Energy (MeV)

52-Te-137

MAT 5276

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

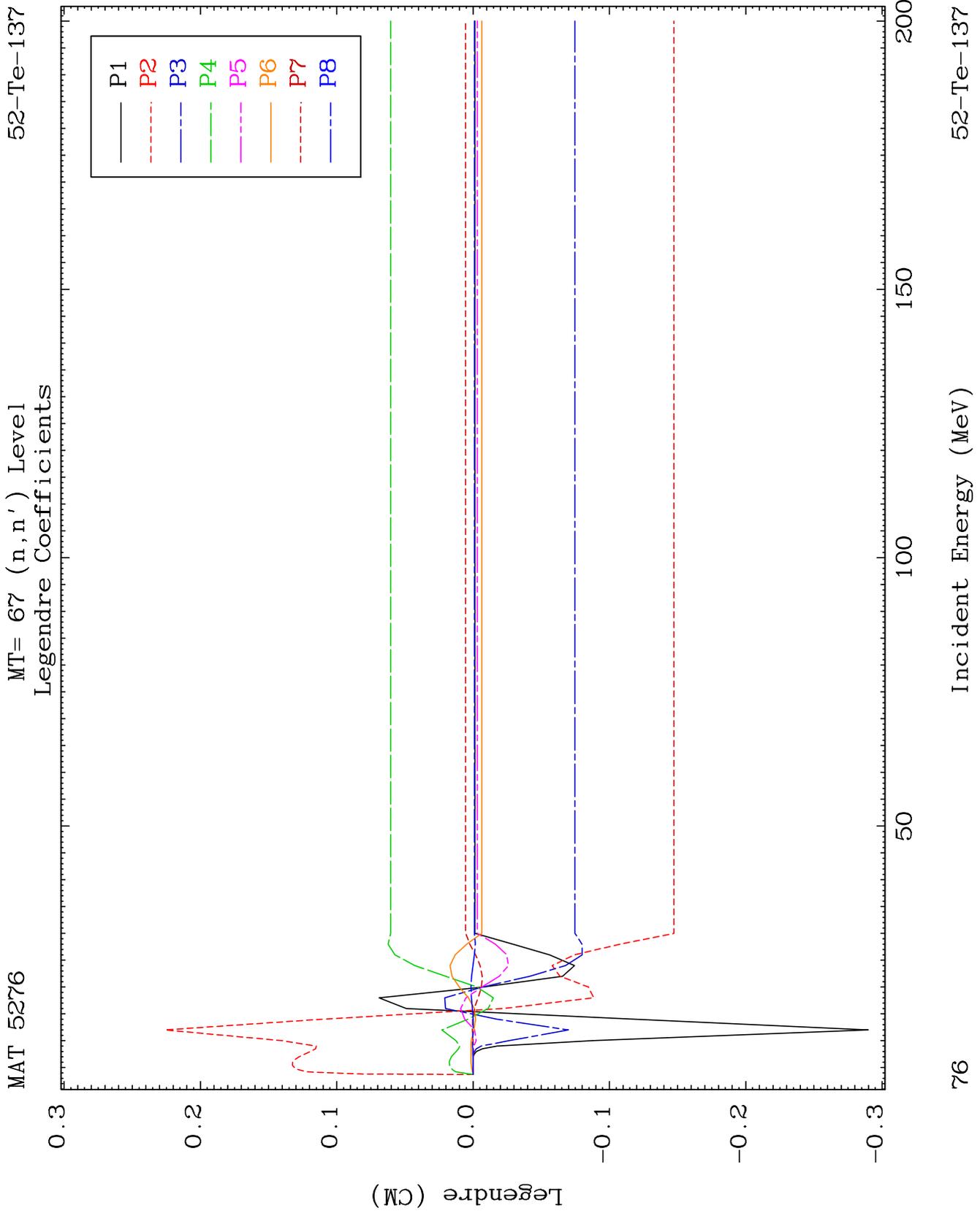
52-Te-137



75

Incident Energy (MeV)

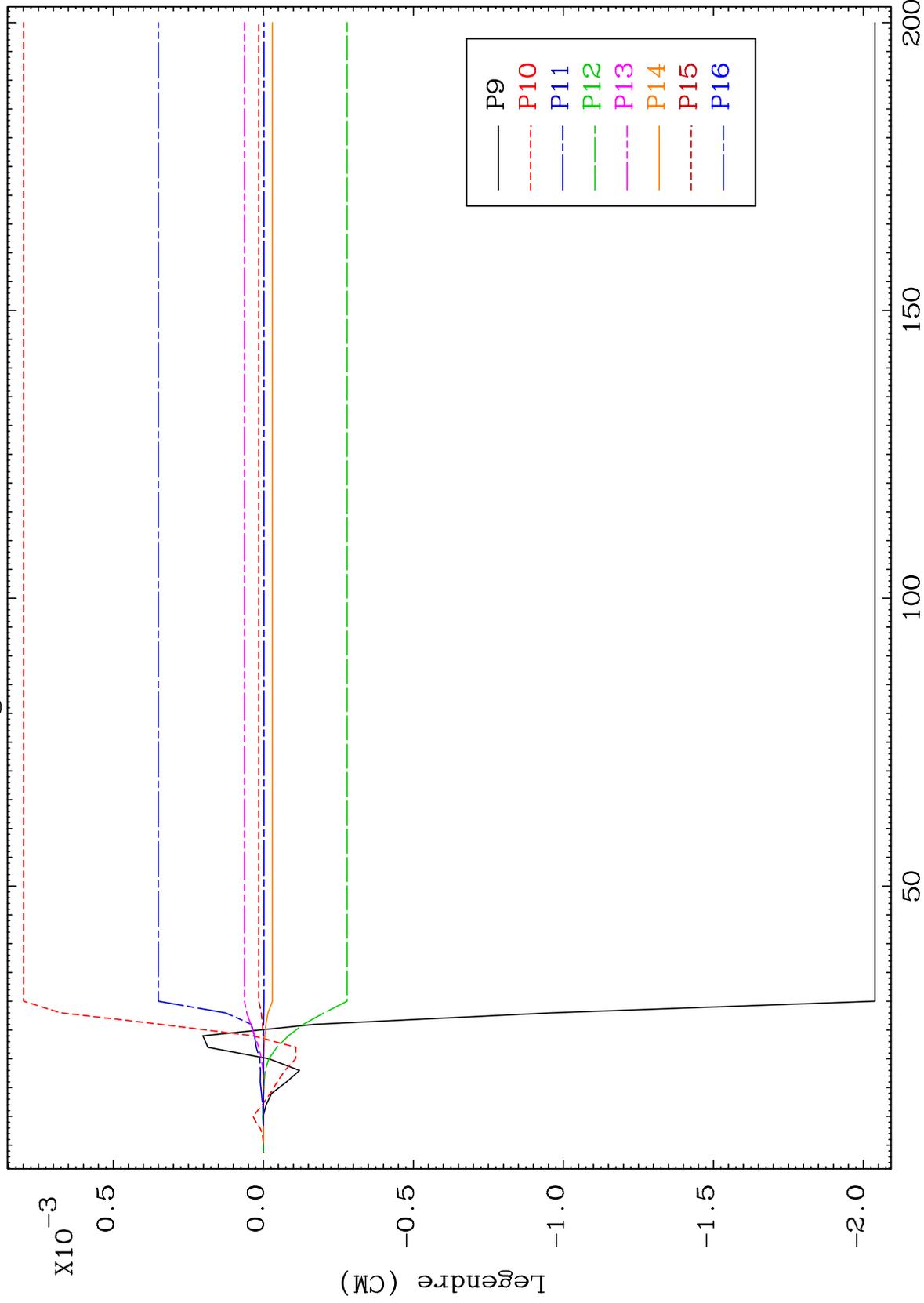
52-Te-137



MAT 5276

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

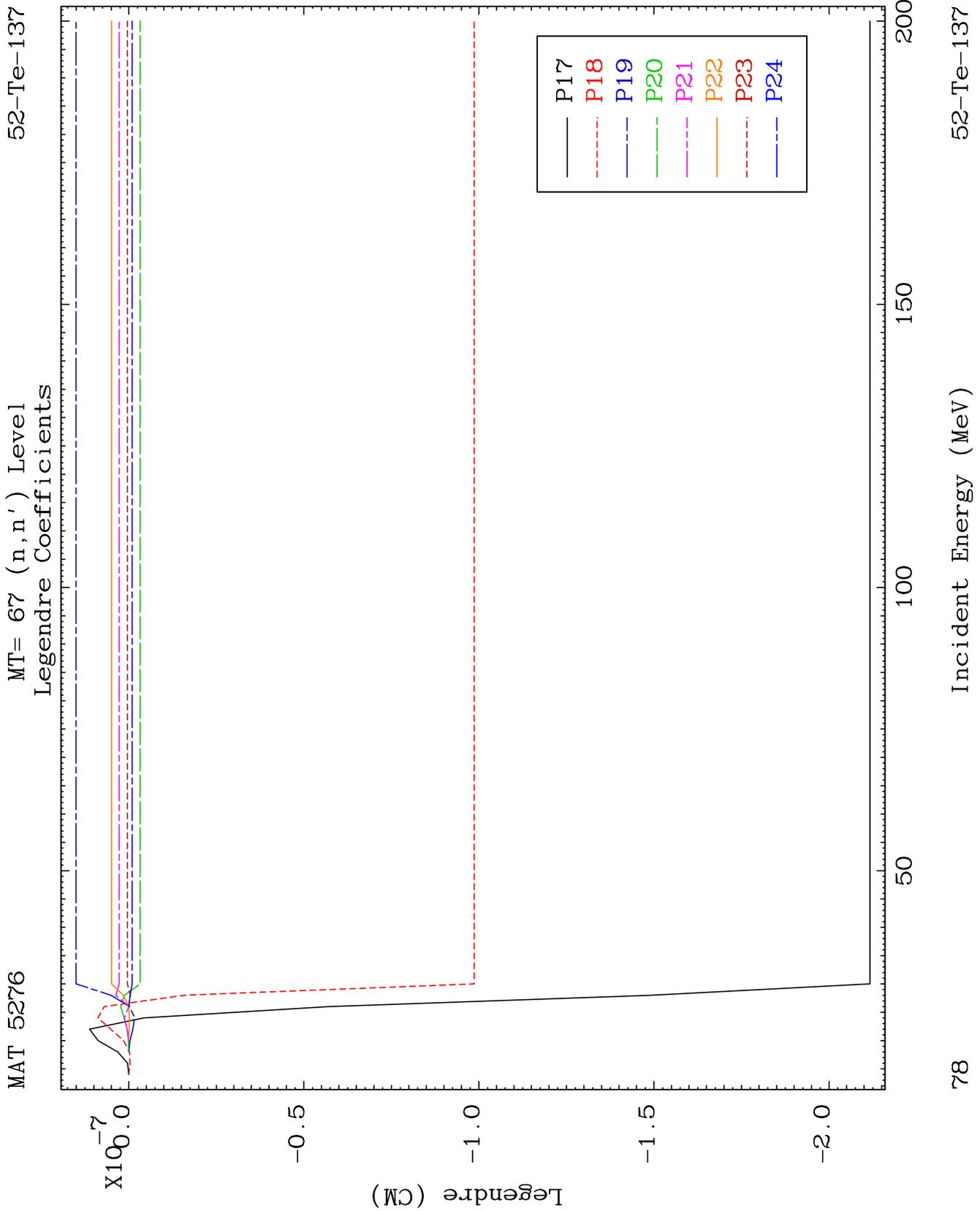
52-Te-137



77

Incident Energy (MeV)

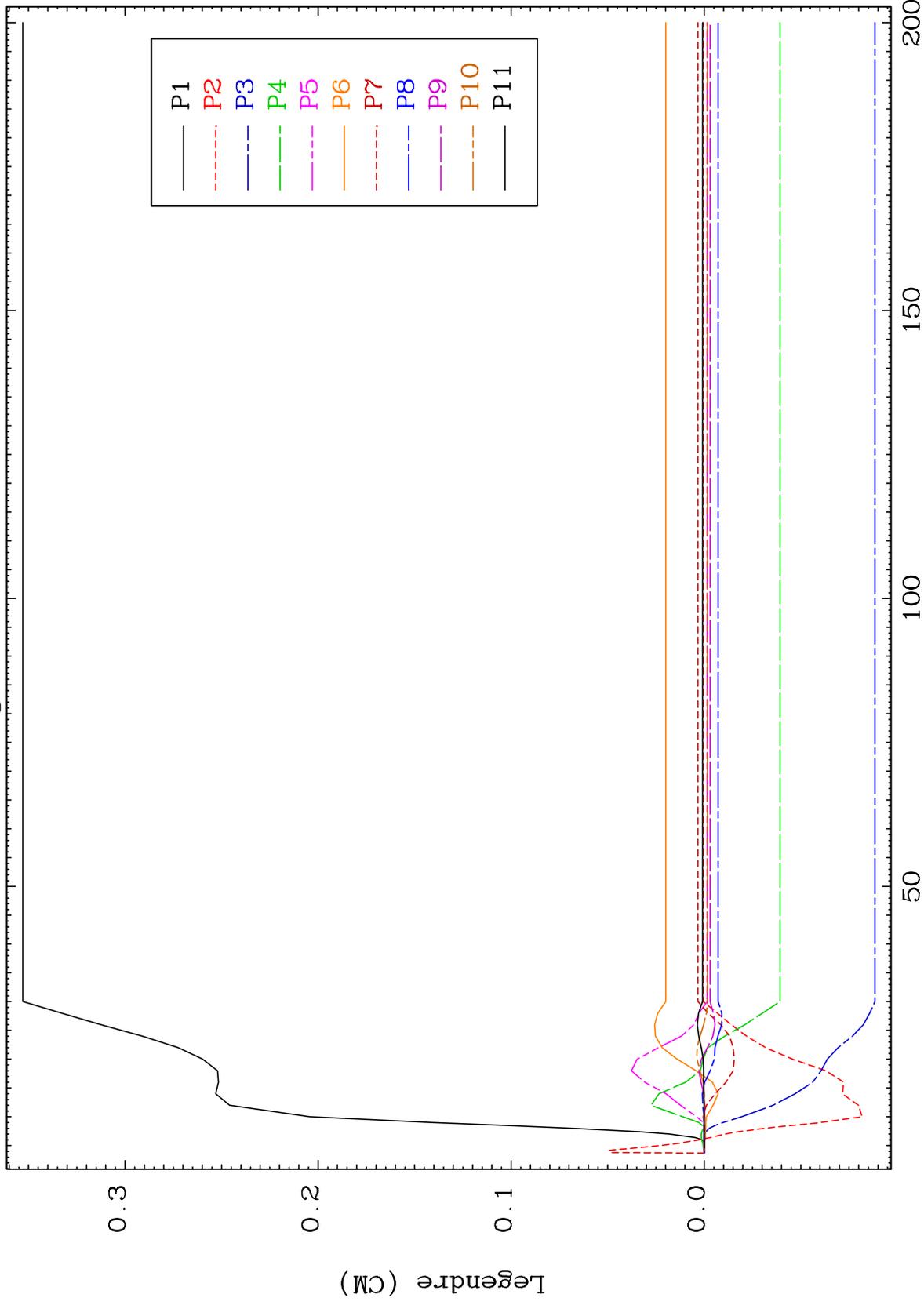
52-Te-137



MAT 5276

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

52-Te-137



79

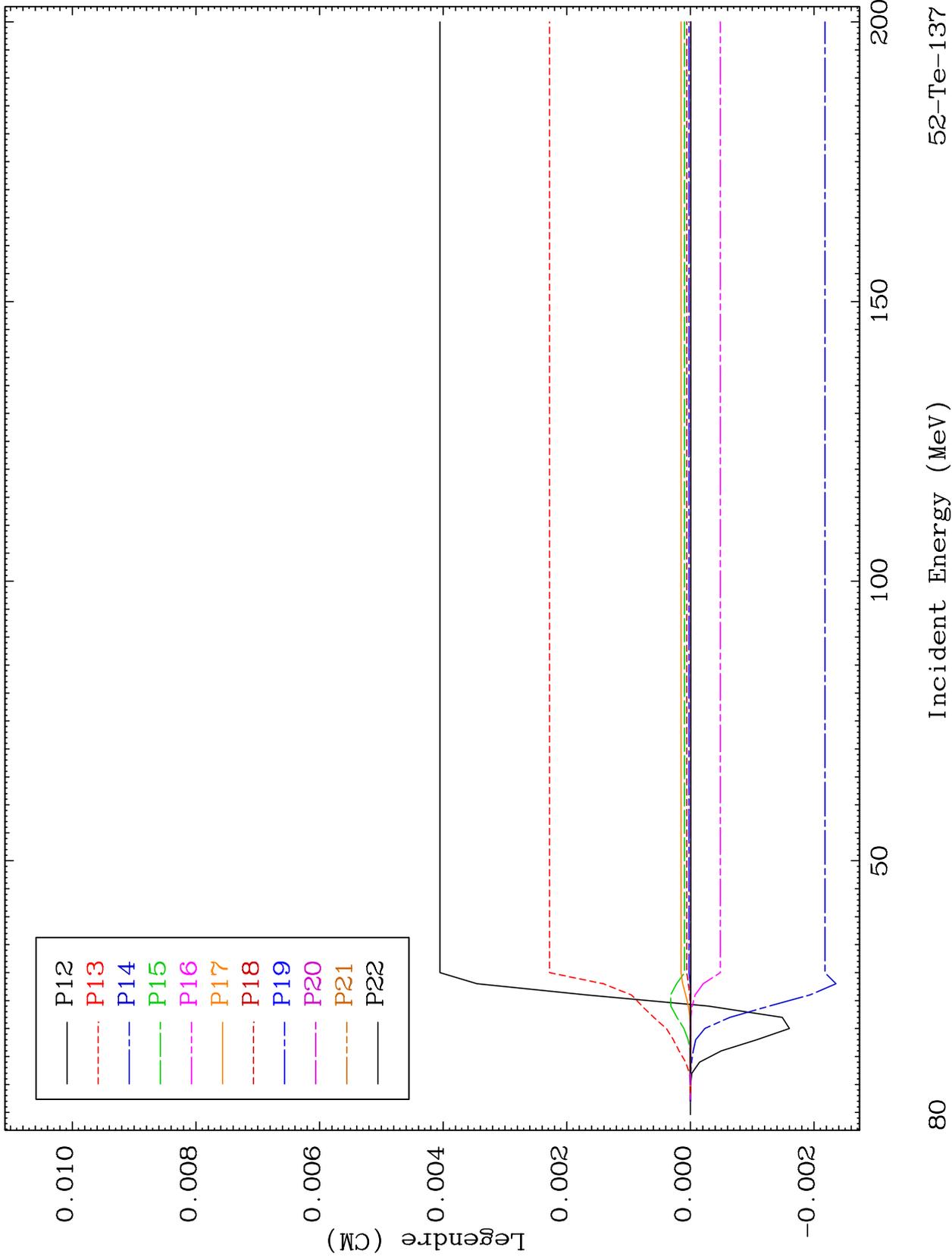
Incident Energy (MeV)

52-Te-137

MAT 5276

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

52-Te-137



80

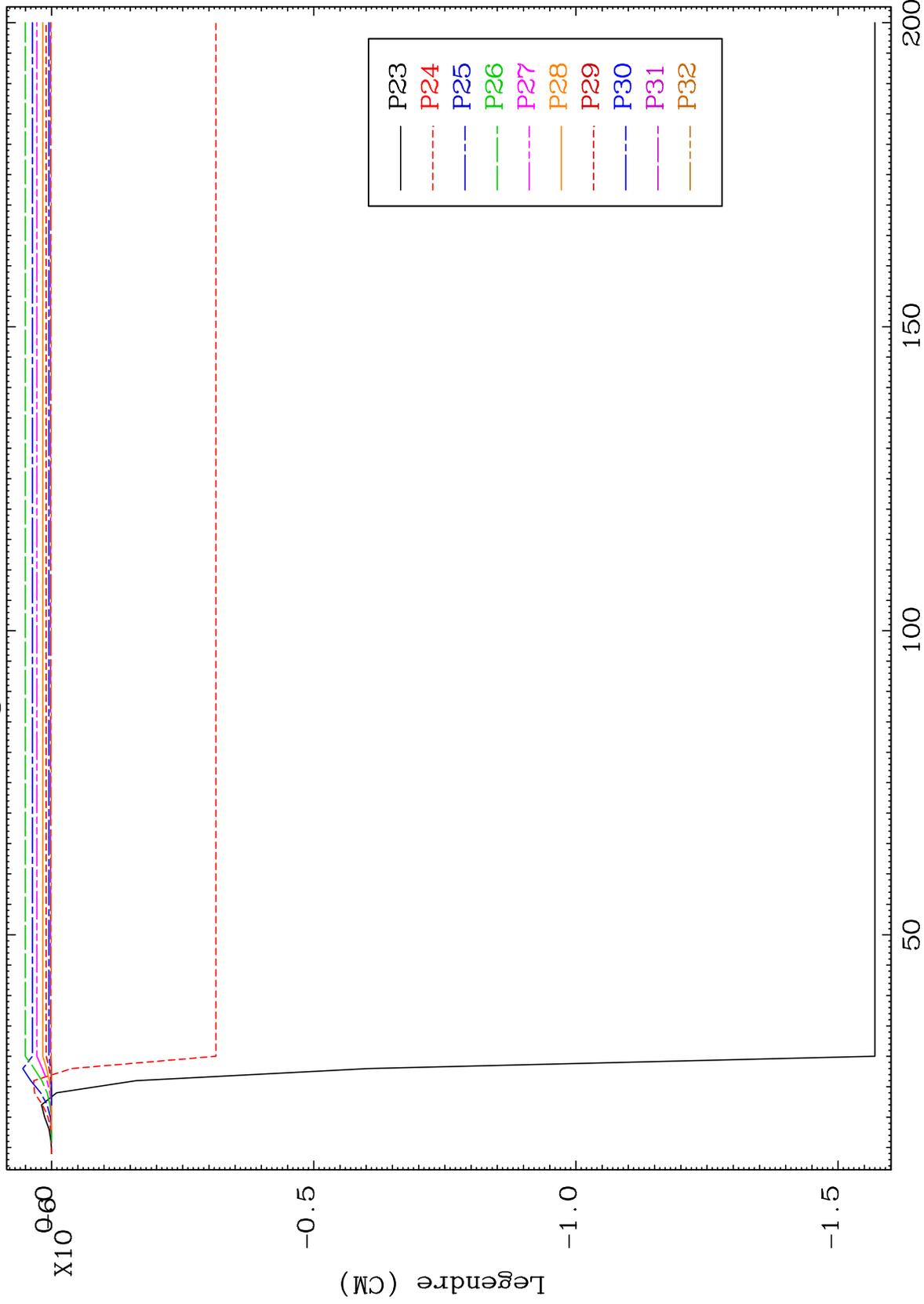
Incident Energy (MeV)

52-Te-137

MAT 5276

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

52-Te-137



81

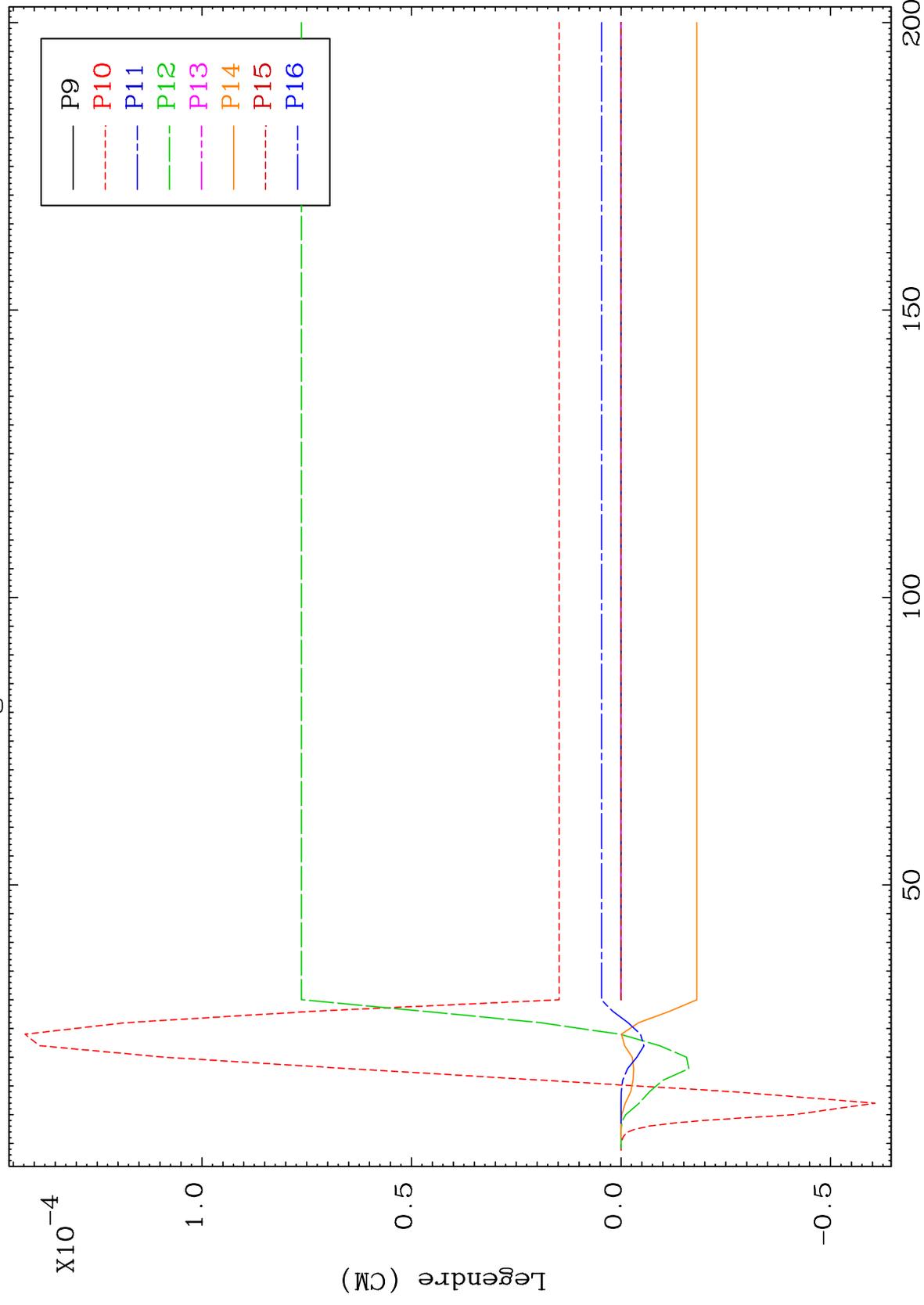
Incident Energy (MeV)

52-Te-137

MAT 5276

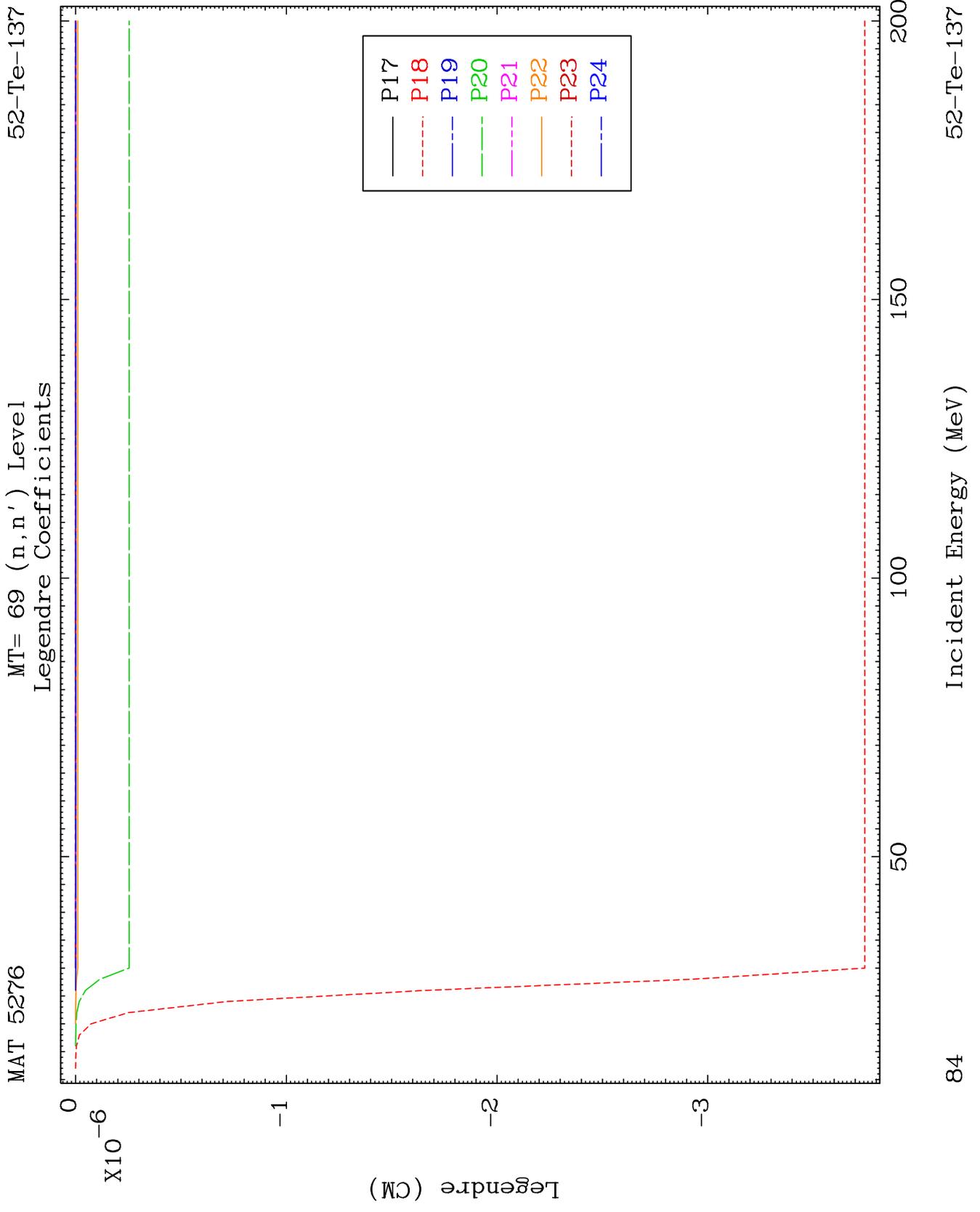
MT= 69 (n,n') Level
Legendre Coefficients

52-Te-137



83

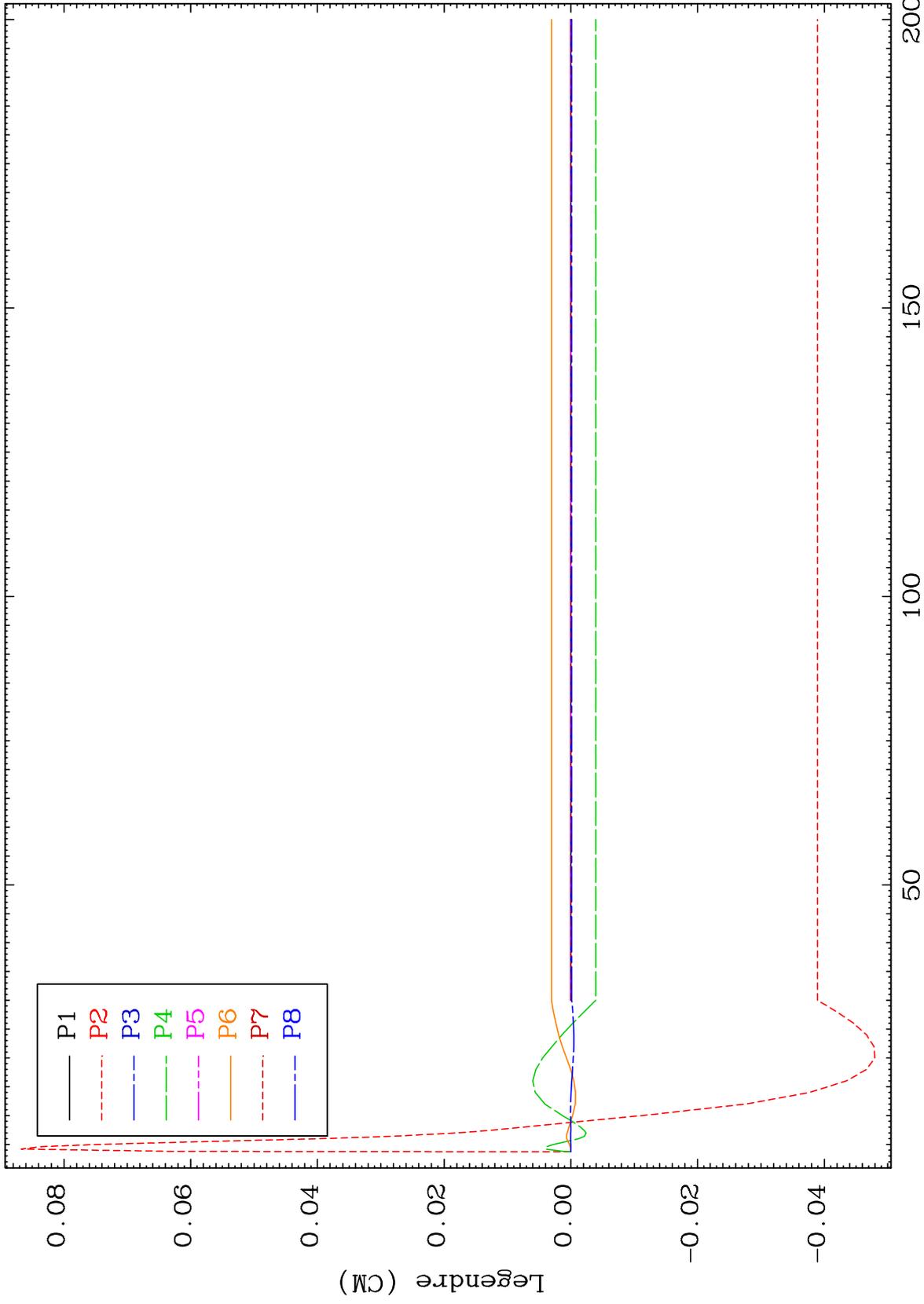
52-Te-137



MAT 5276

MT= 70 (n,n') Level
Legendre Coefficients

52-Te-137



85

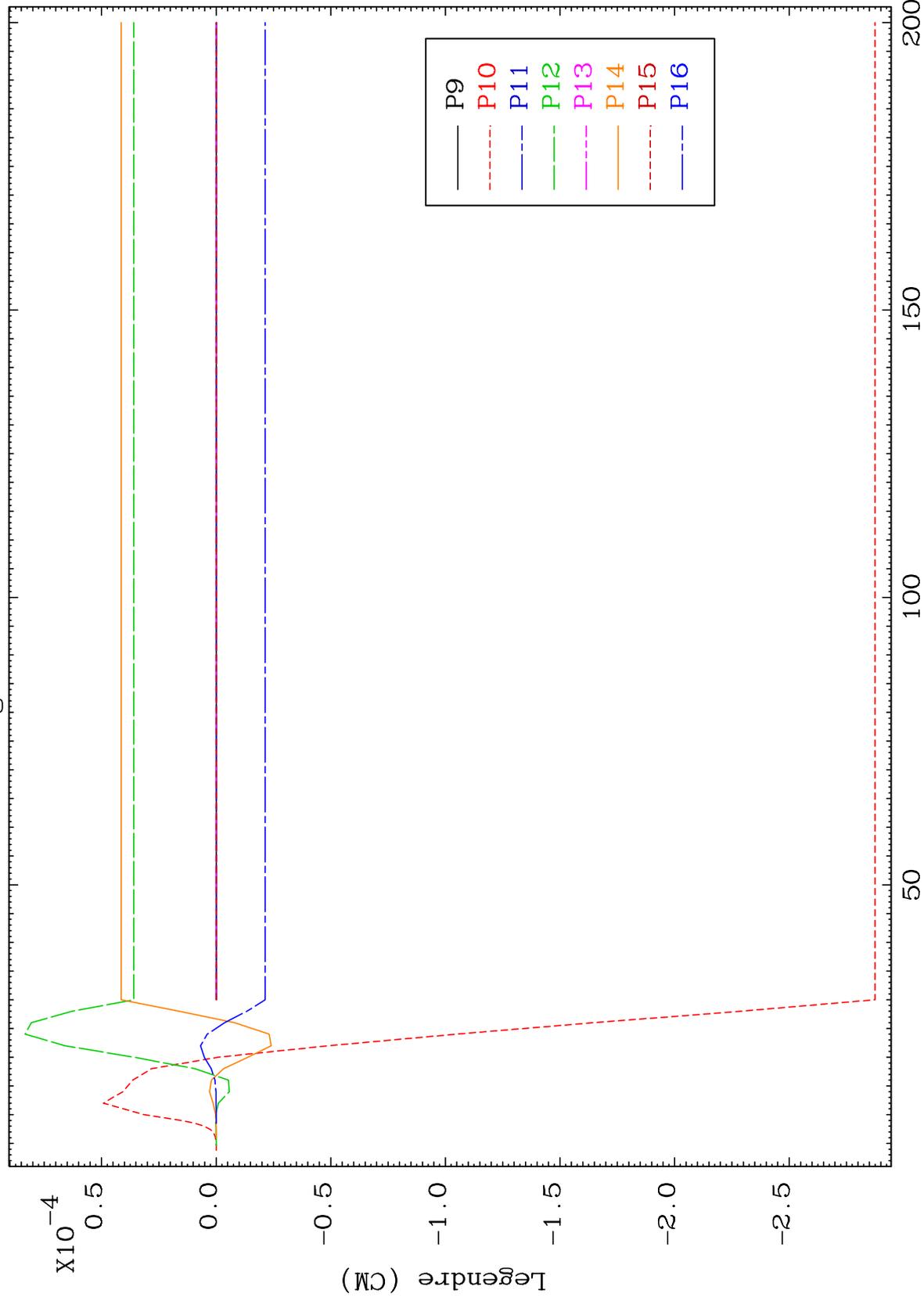
Incident Energy (MeV)

52-Te-137

MAT 5276

MT= 70 (n,n') Level
Legendre Coefficients

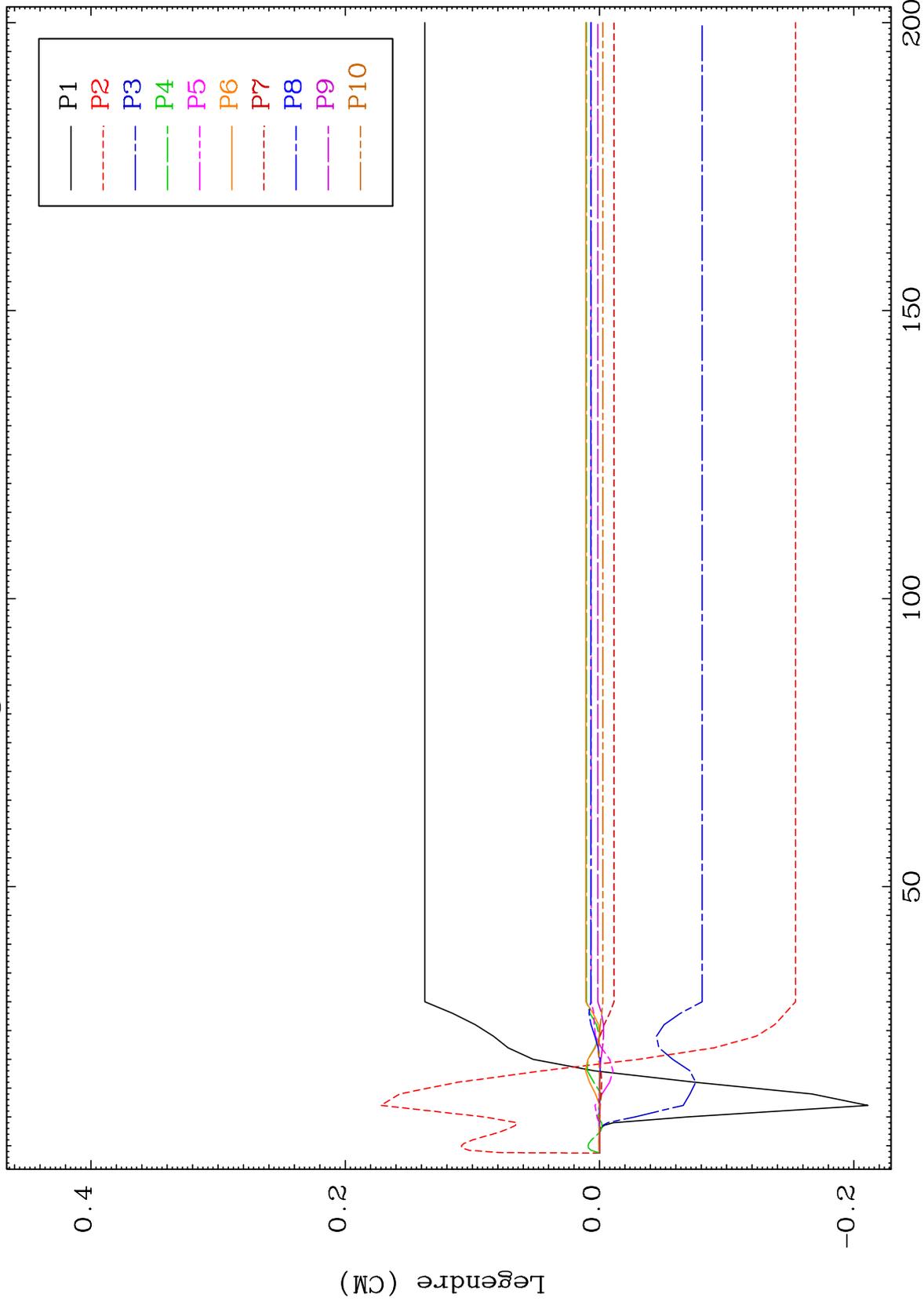
52-Te-137



MAT 5276

MT= 71 (n,n') Level
Legendre Coefficients

52-Te-137



88

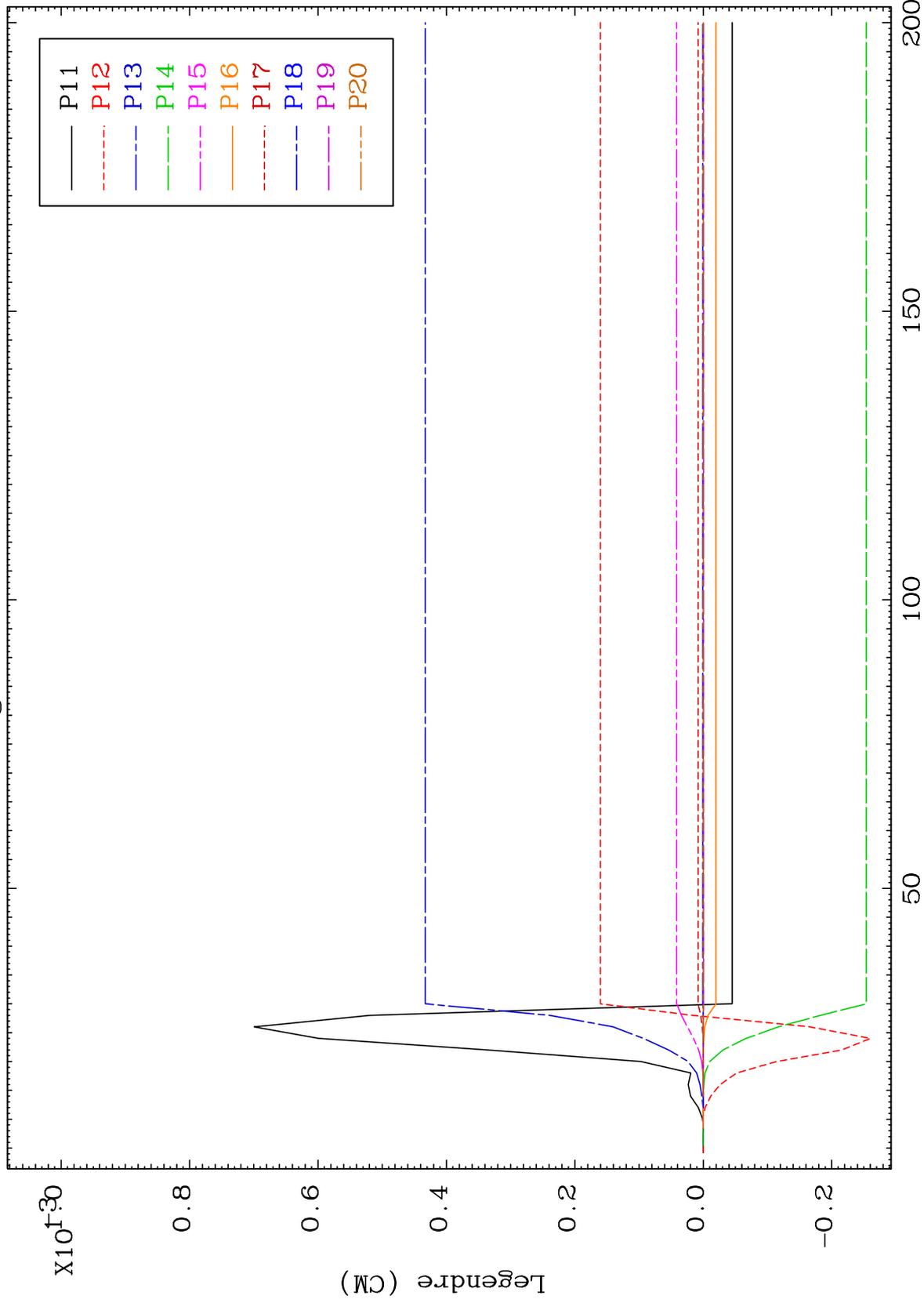
Incident Energy (MeV)

52-Te-137

MAT 5276

MT= 71 (n,n') Level
Legendre Coefficients

52-Te-137



89

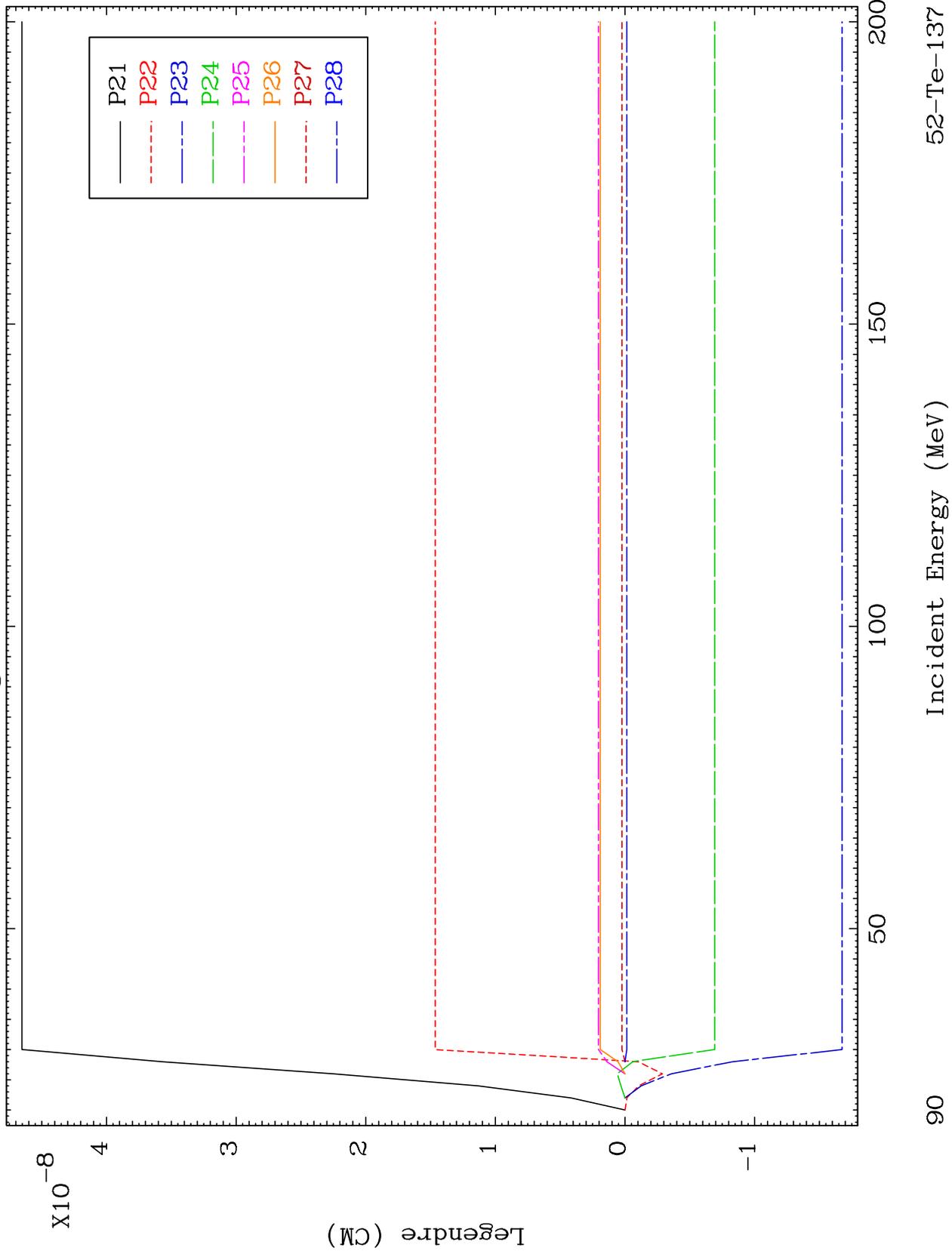
Incident Energy (MeV)

52-Te-137

MAT 5276

MT= 71 (n,n') Level
Legendre Coefficients

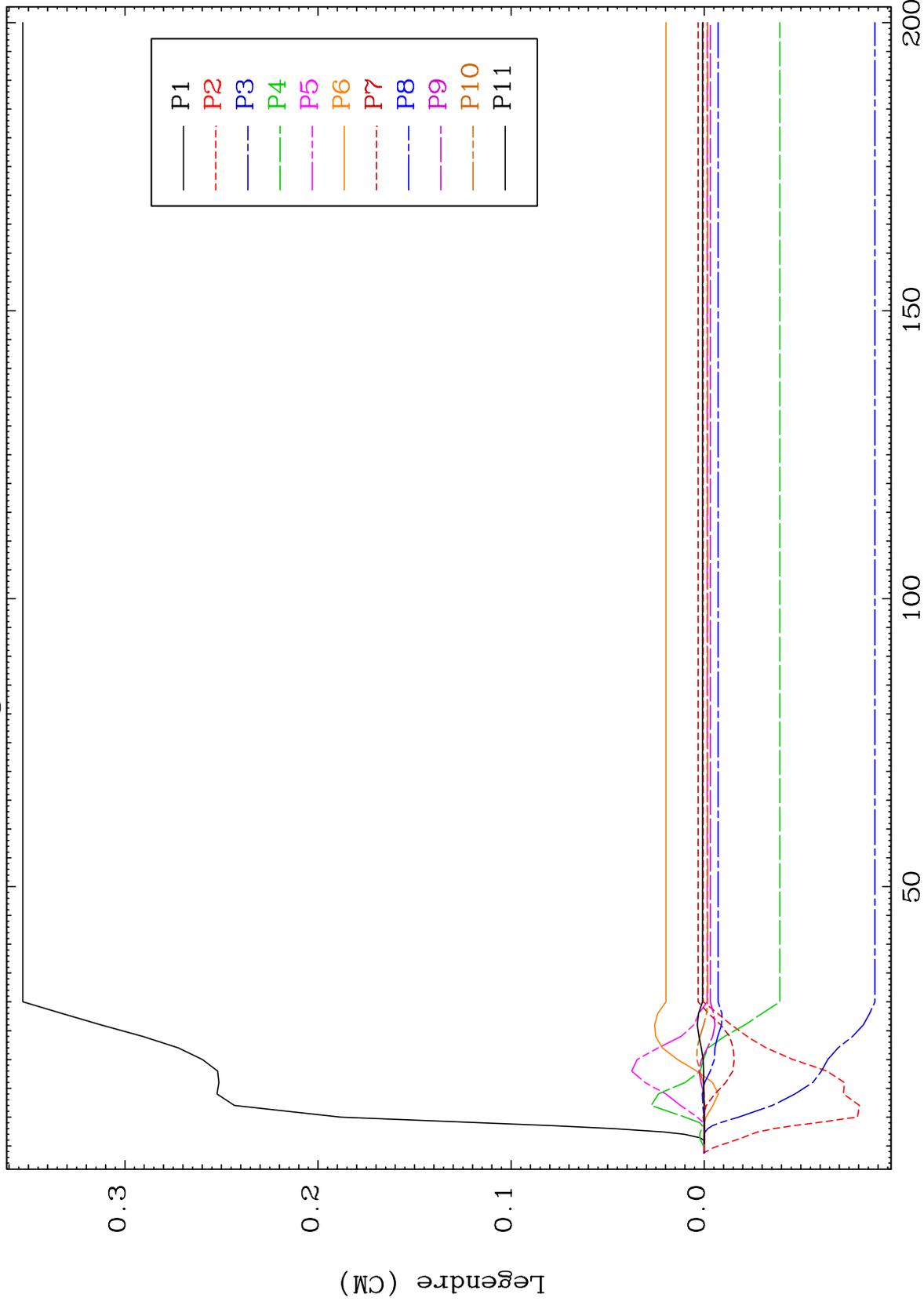
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MAT 5276

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

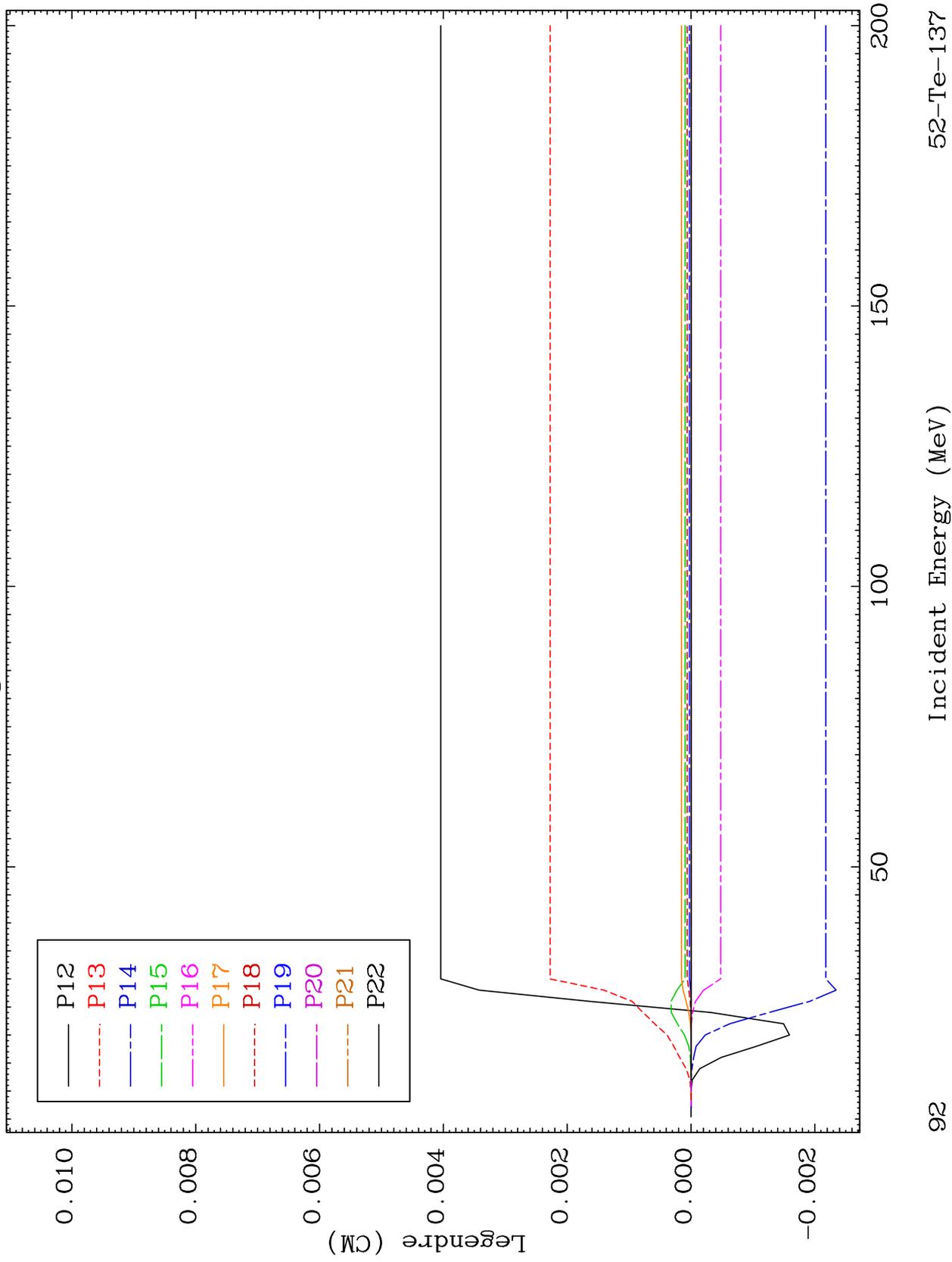
52-Te-137



MAT 5276

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

52-Te-137



92

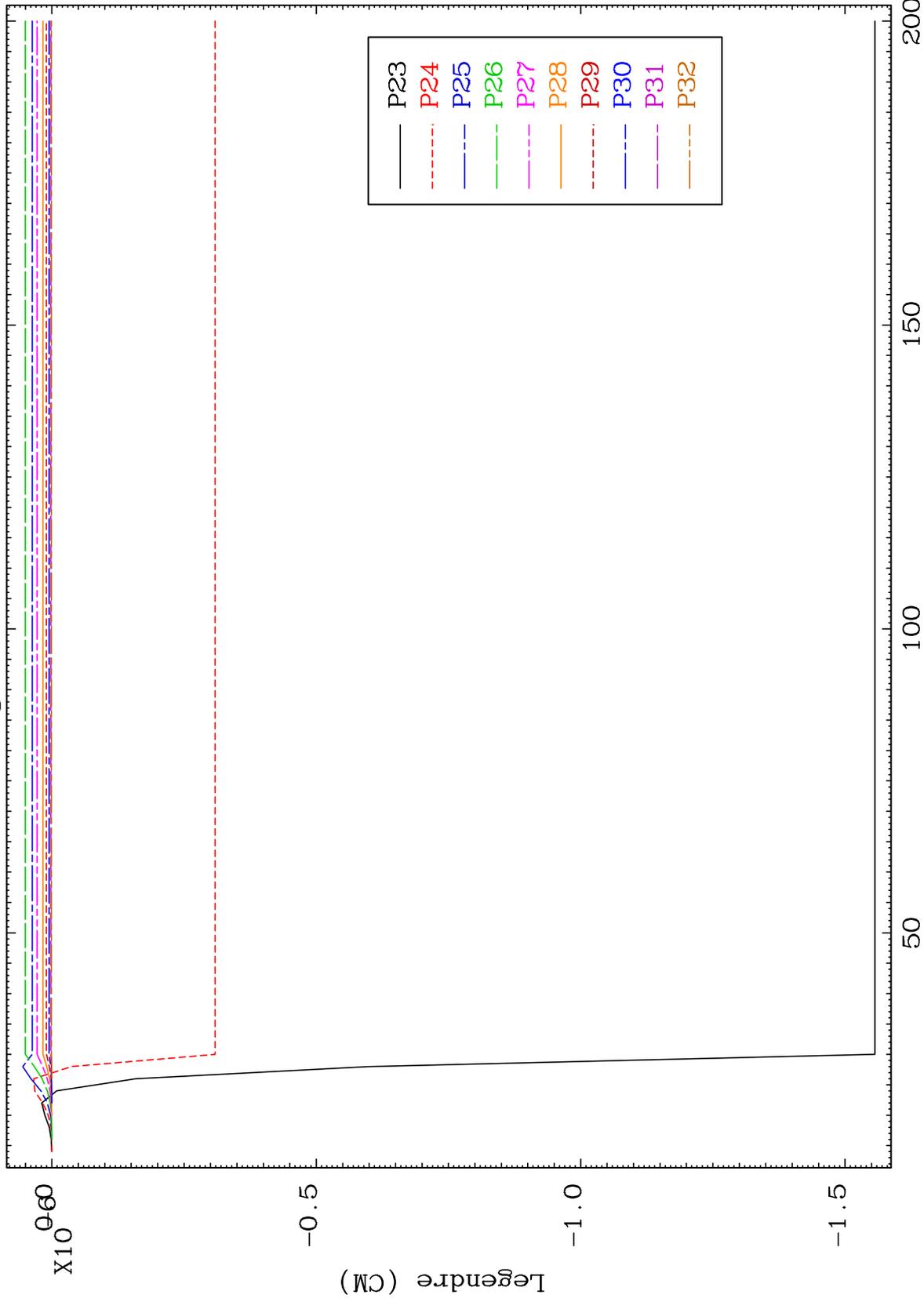
Incident Energy (MeV)

52-Te-137

MAT 5276

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

52-Te-137



93

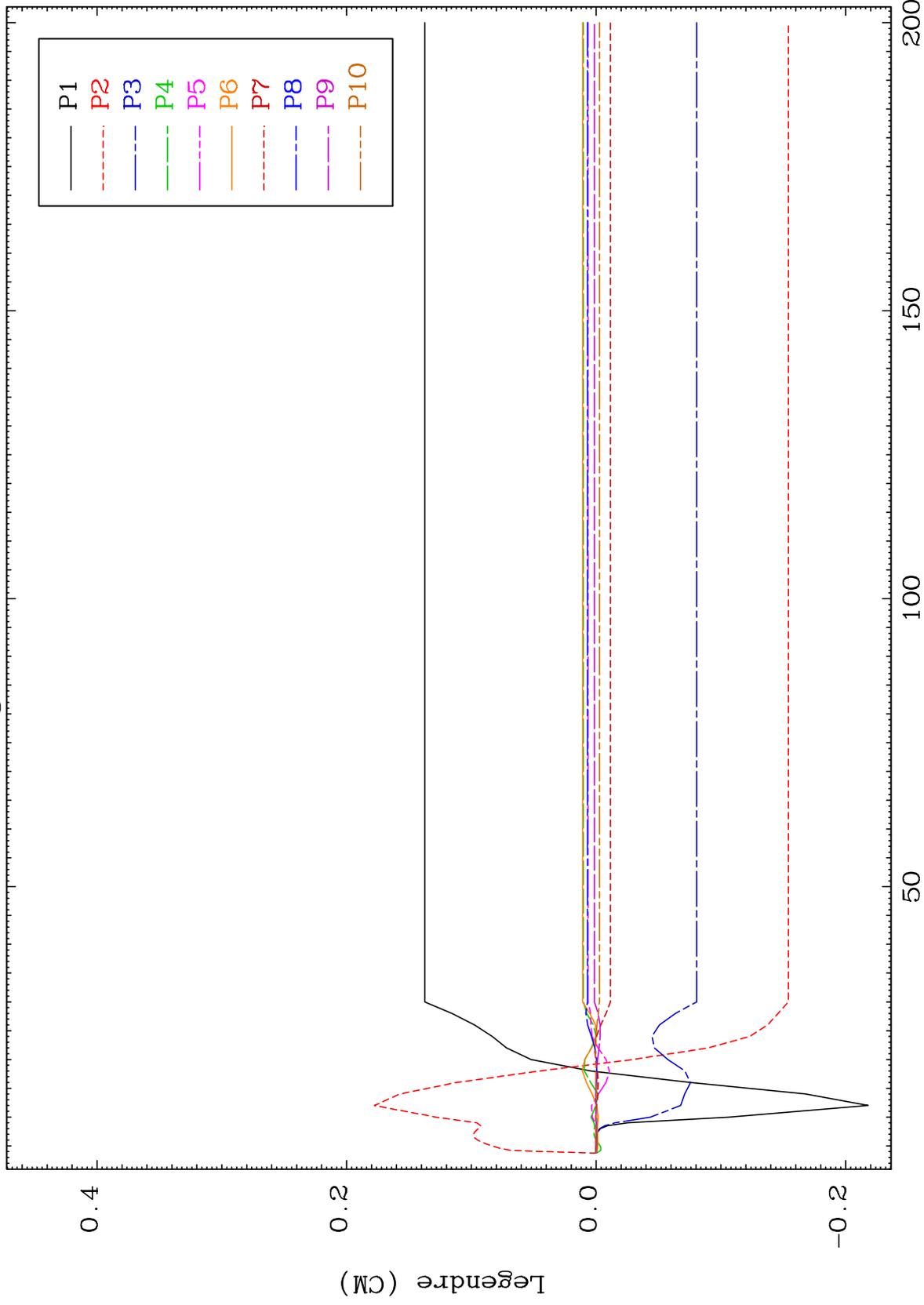
Incident Energy (MeV)

52-Te-137

MAT 5276

MT= 73 (n,n') Level
Legendre Coefficients

52-Te-137



94

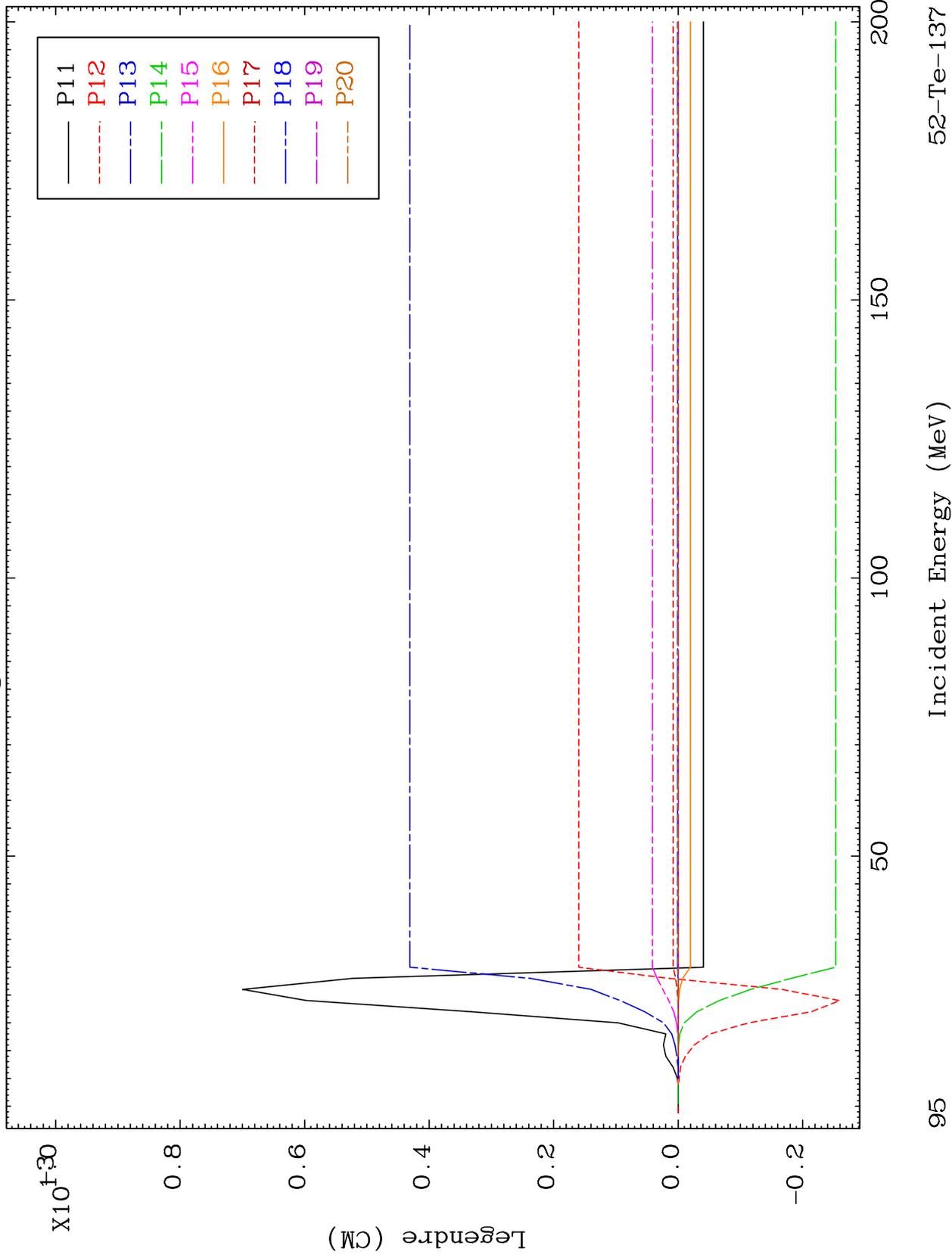
Incident Energy (MeV)

52-Te-137

MAT 5276

MT= 73 (n,n') Level
Legendre Coefficients

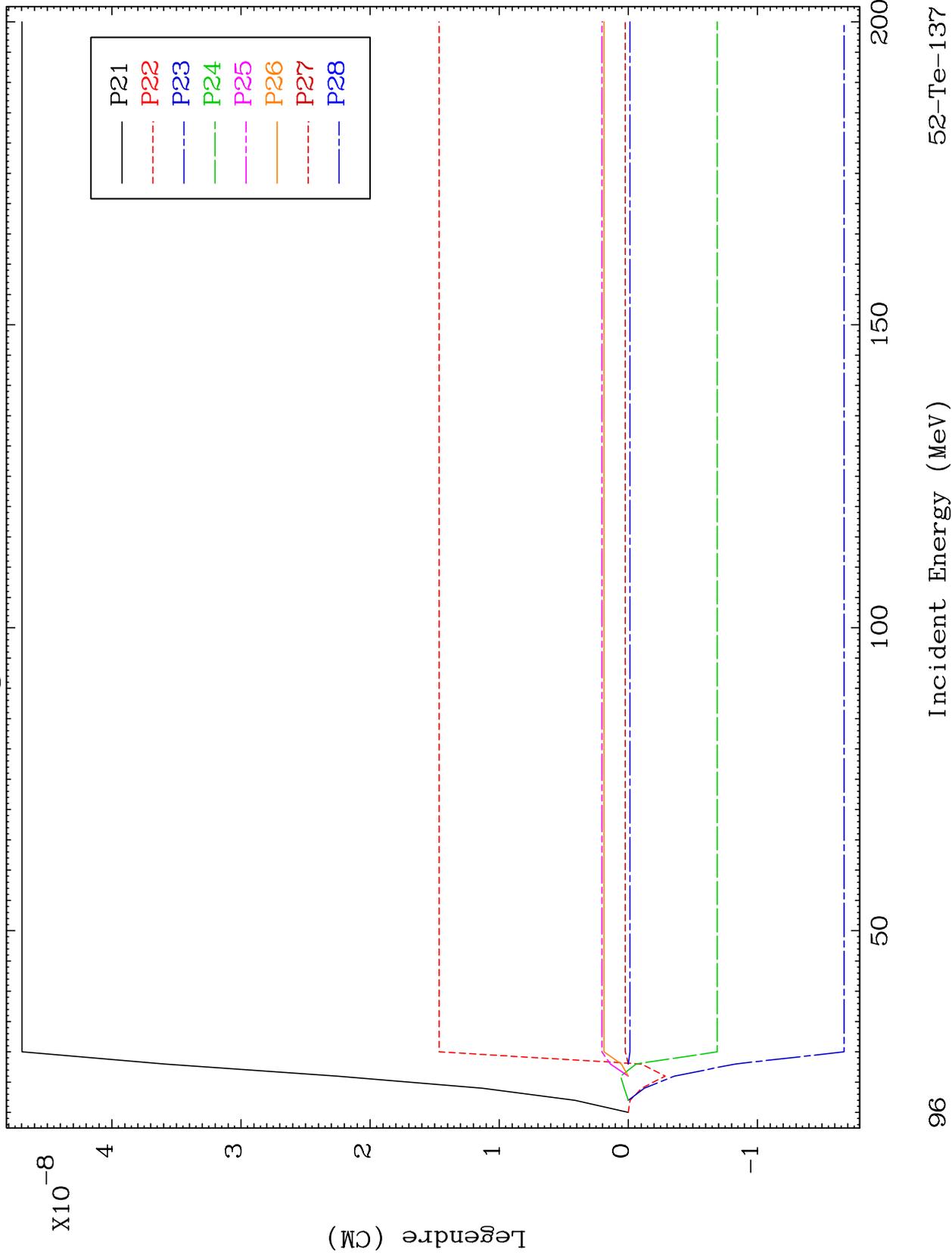
52-Te-137



MAT 5276

MT= 73 (n,n') Level
Legendre Coefficients

52-Te-137



96

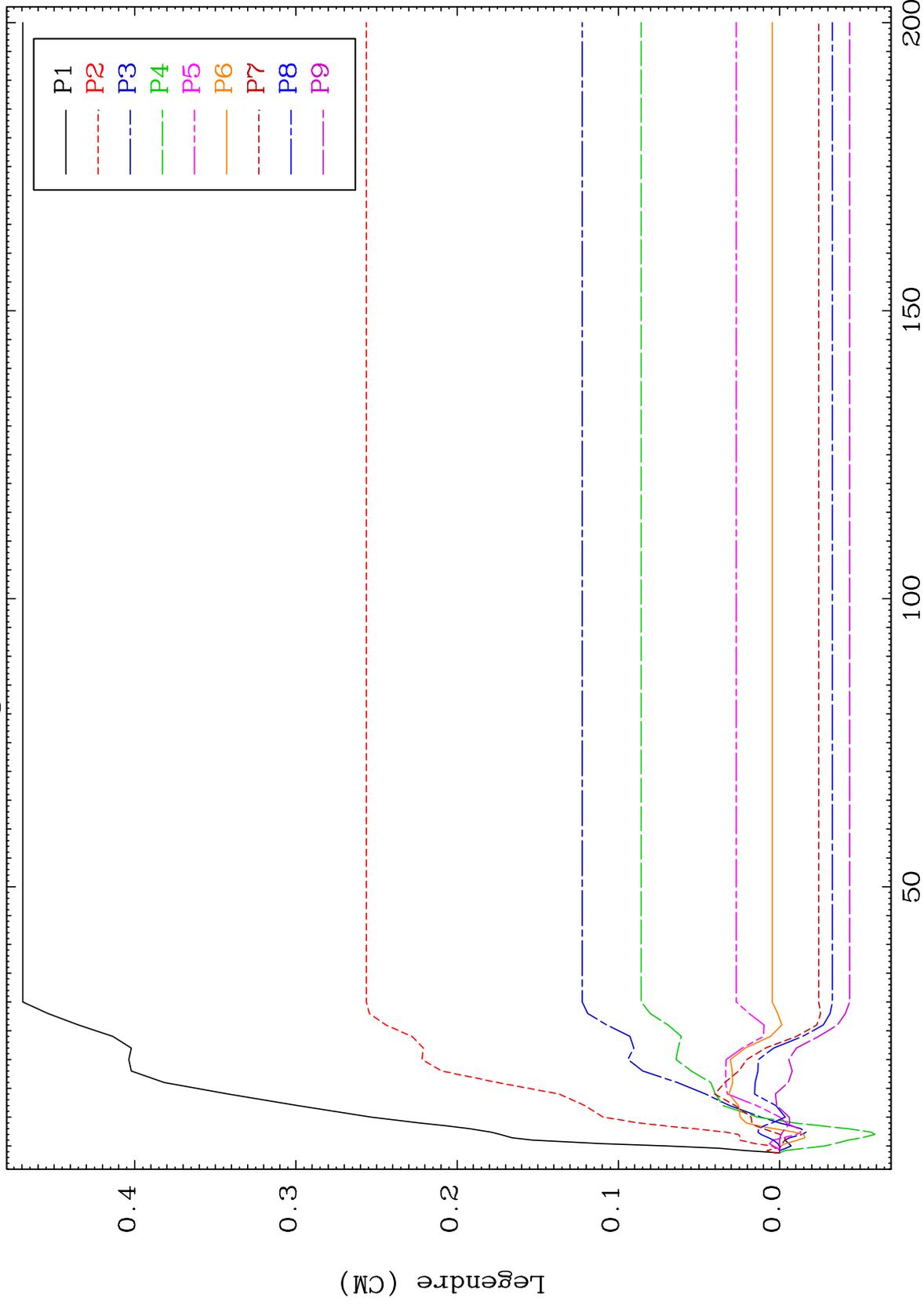
Incident Energy (MeV)

52-Te-137

MAT 5276

MT= 74 (n,n') Level
Legendre Coefficients

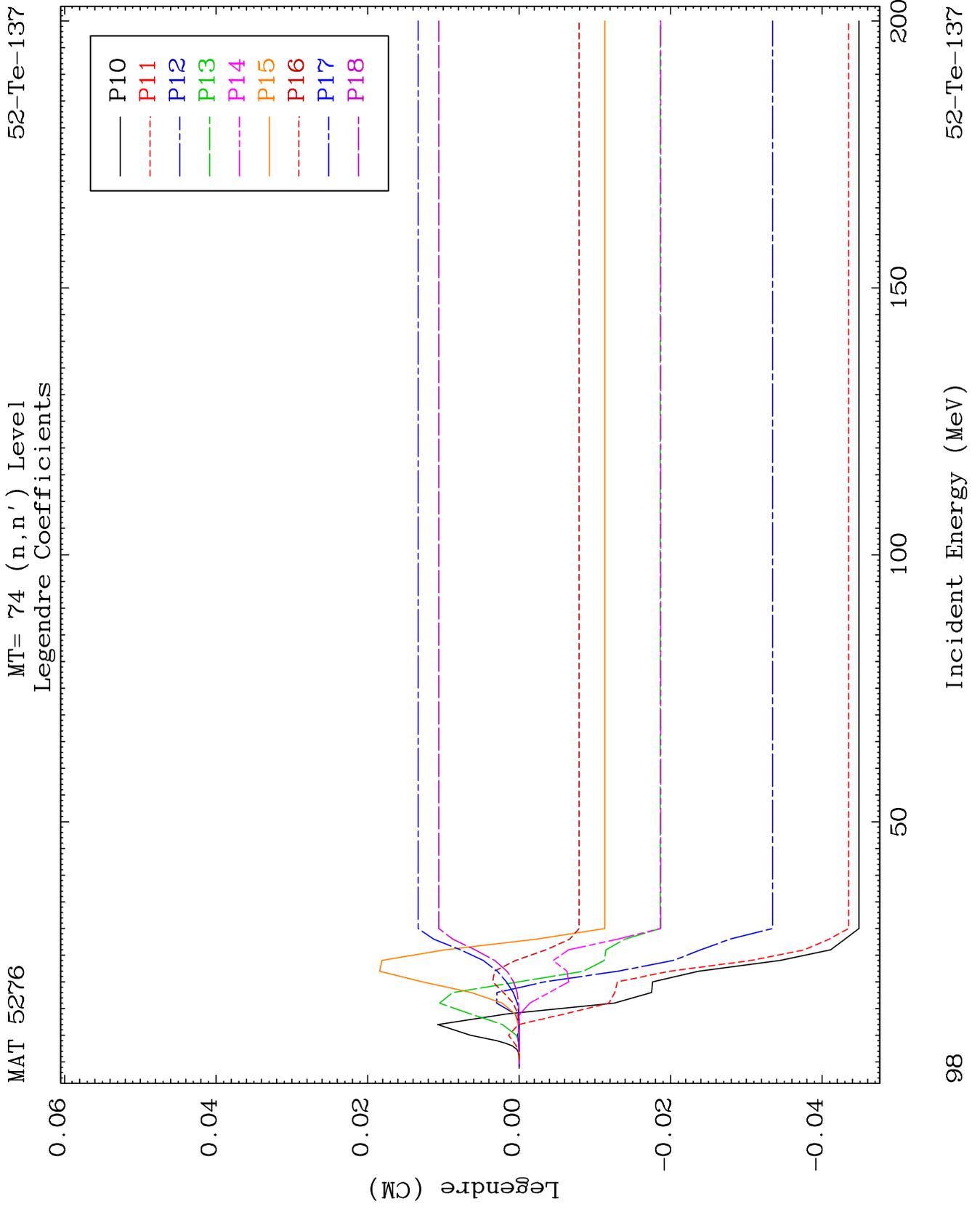
52-Te-137



97

Incident Energy (MeV)

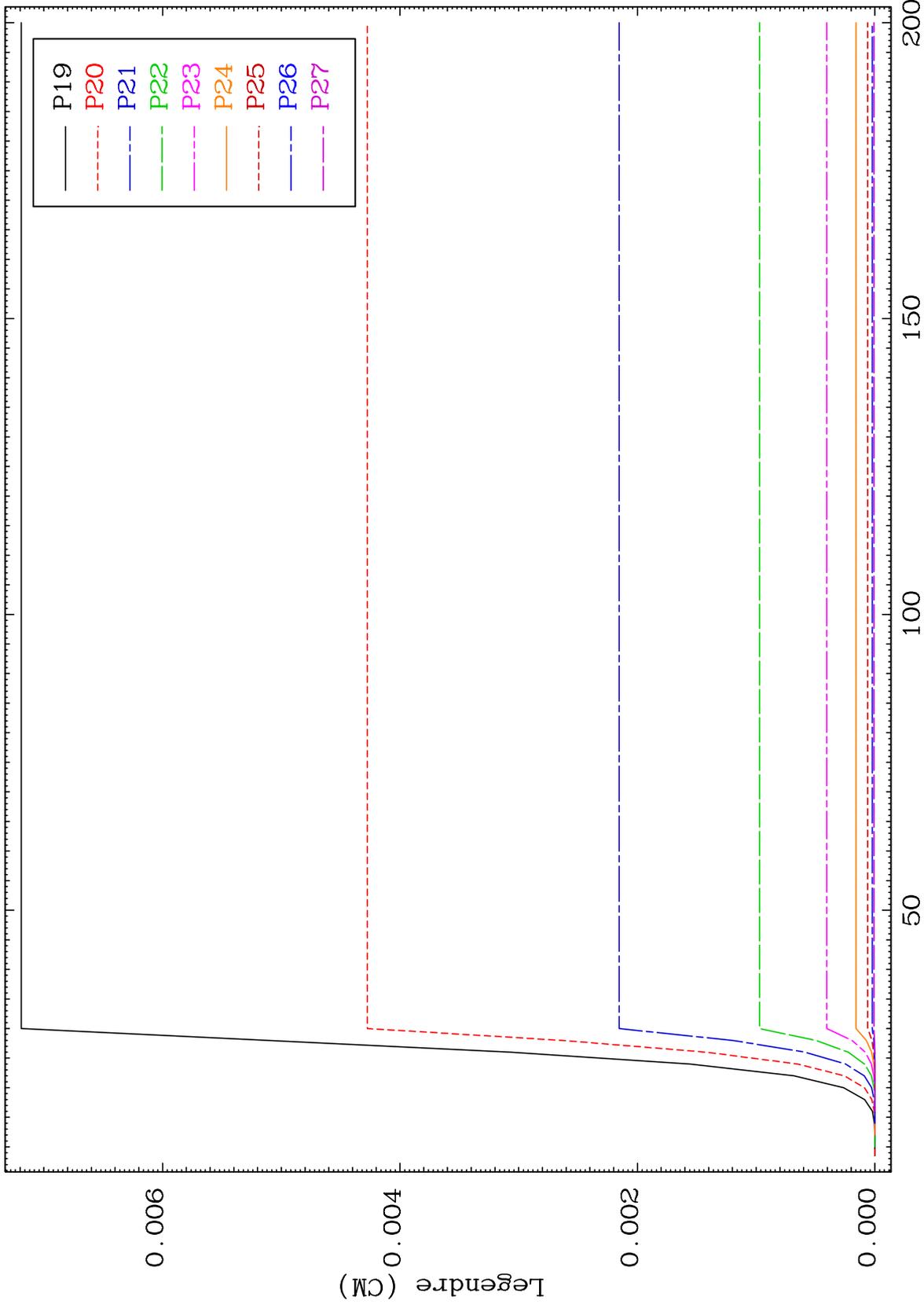
52-Te-137



MAT 5276

MT= 74 (n,n') Level
Legendre Coefficients

52-Te-137



99

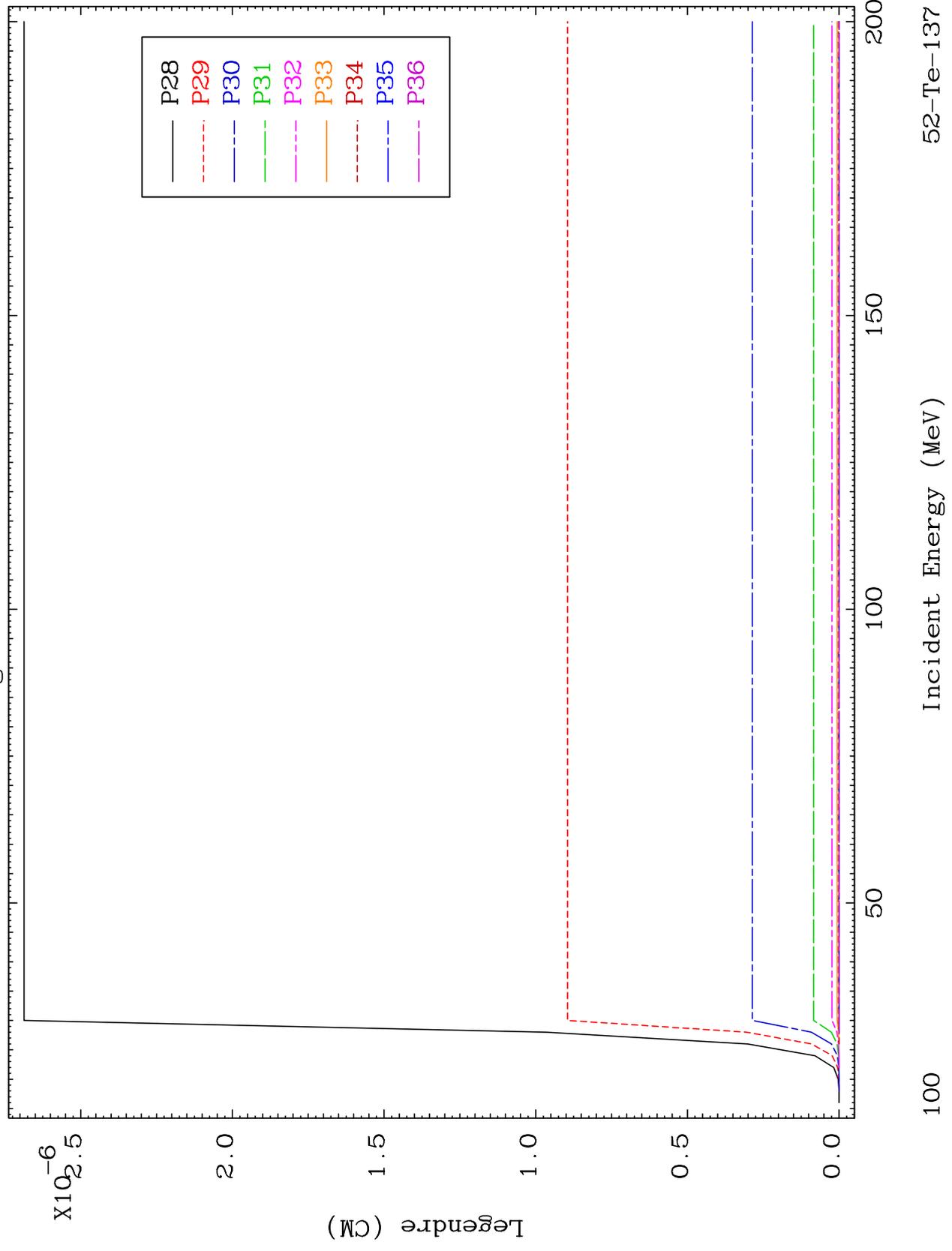
Incident Energy (MeV)

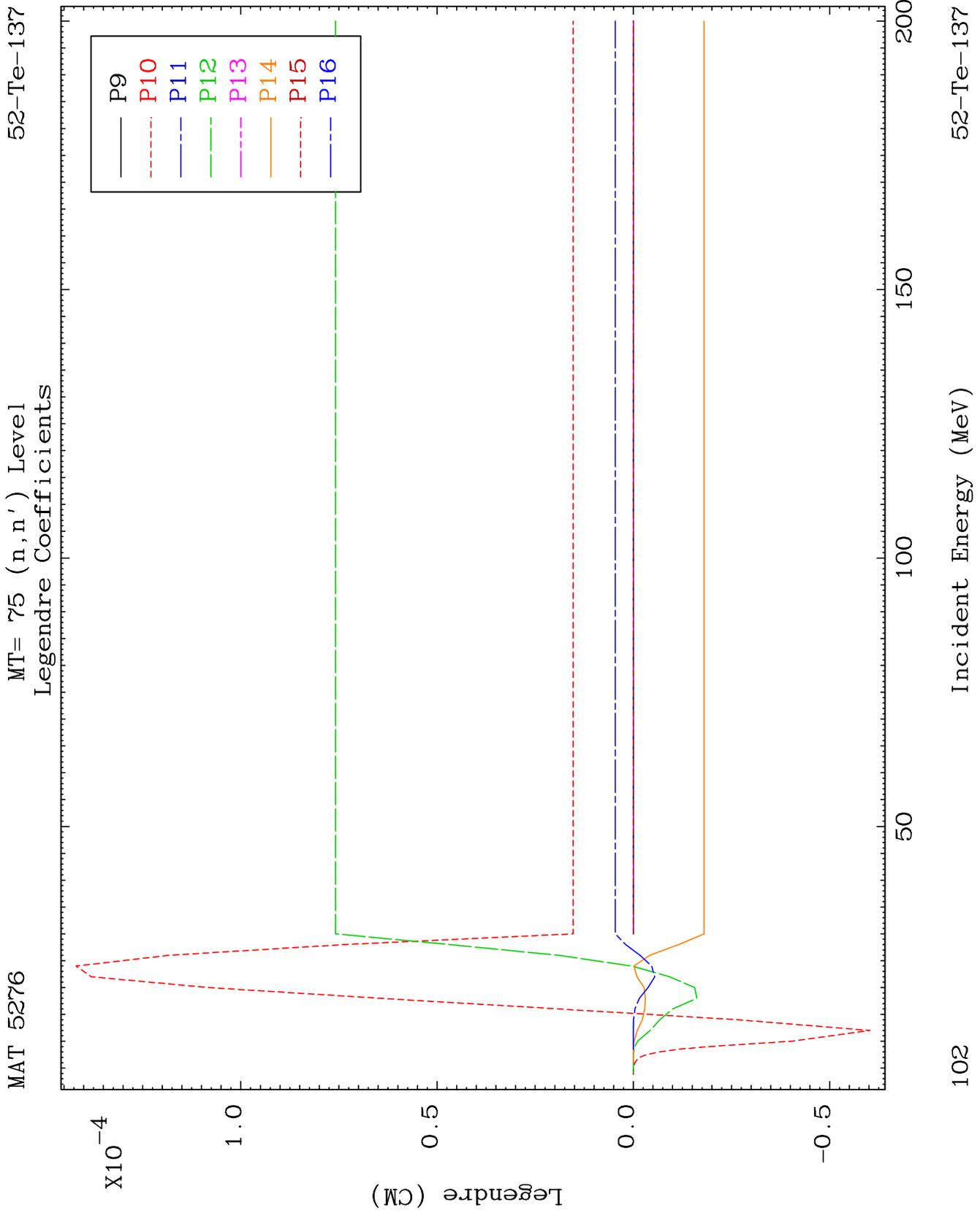
52-Te-137

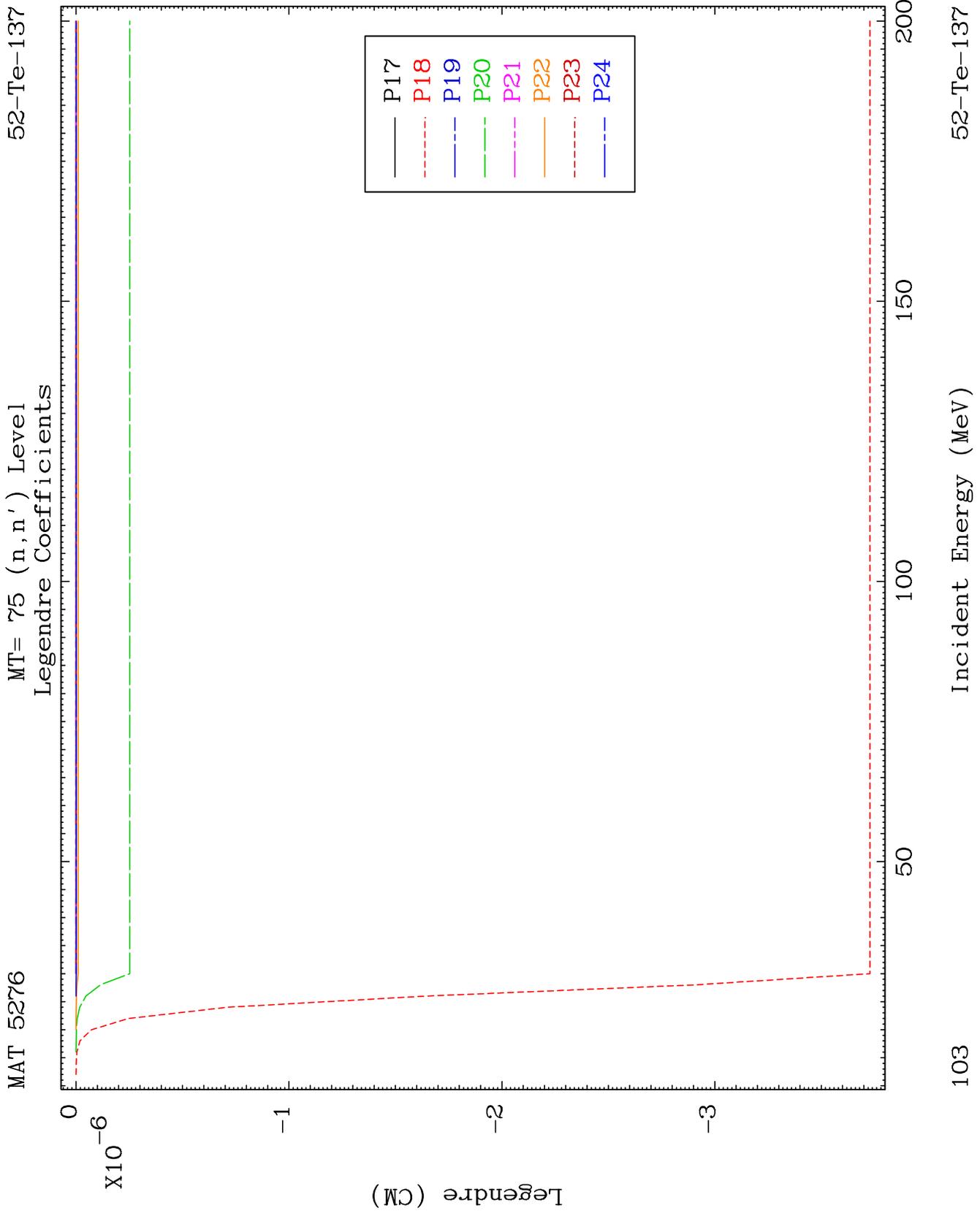
MAT 5276

MT= 74 (n,n') Level
Legendre Coefficients

52-Te-137



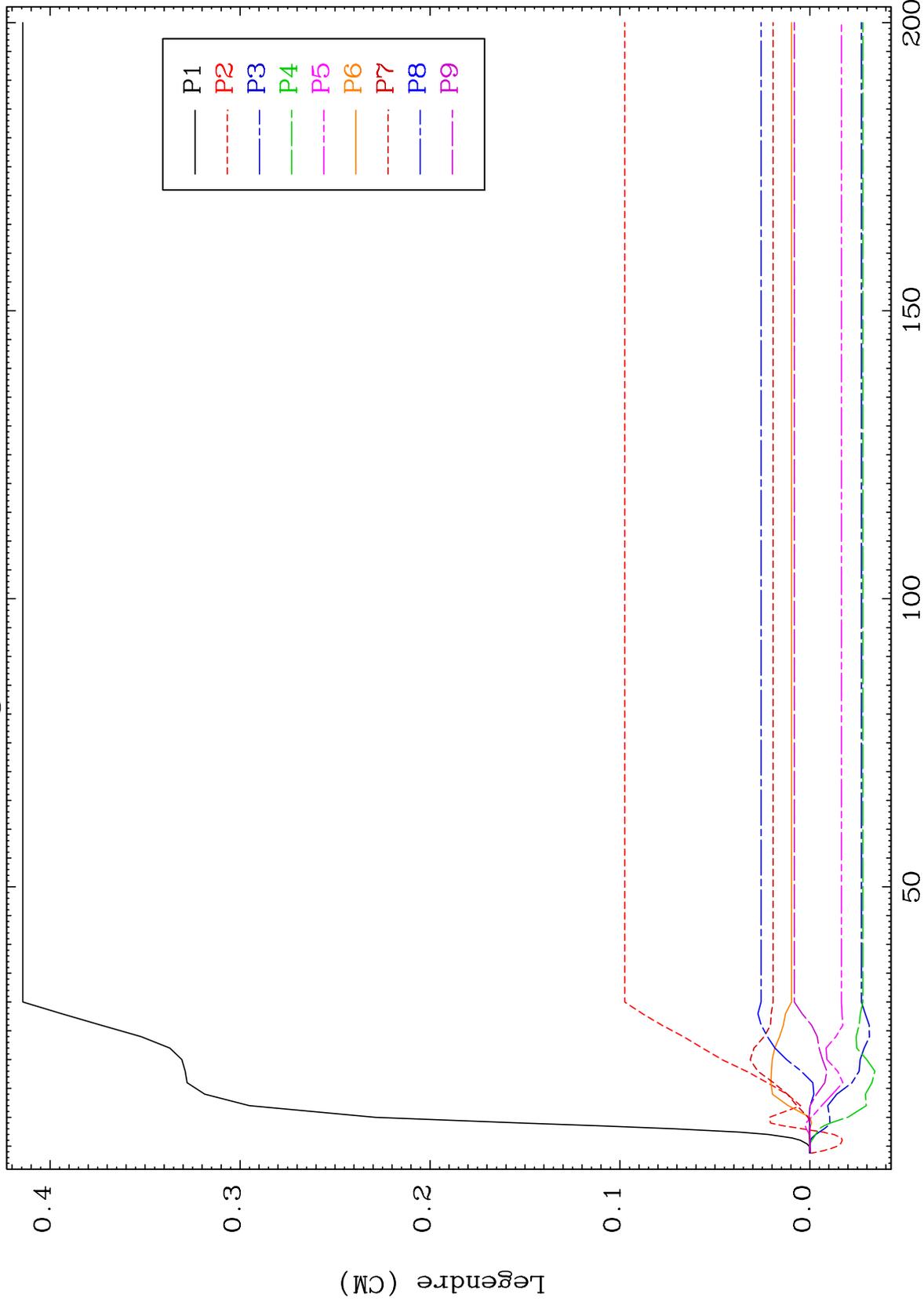




MAT 5276

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

52-Te-137



104

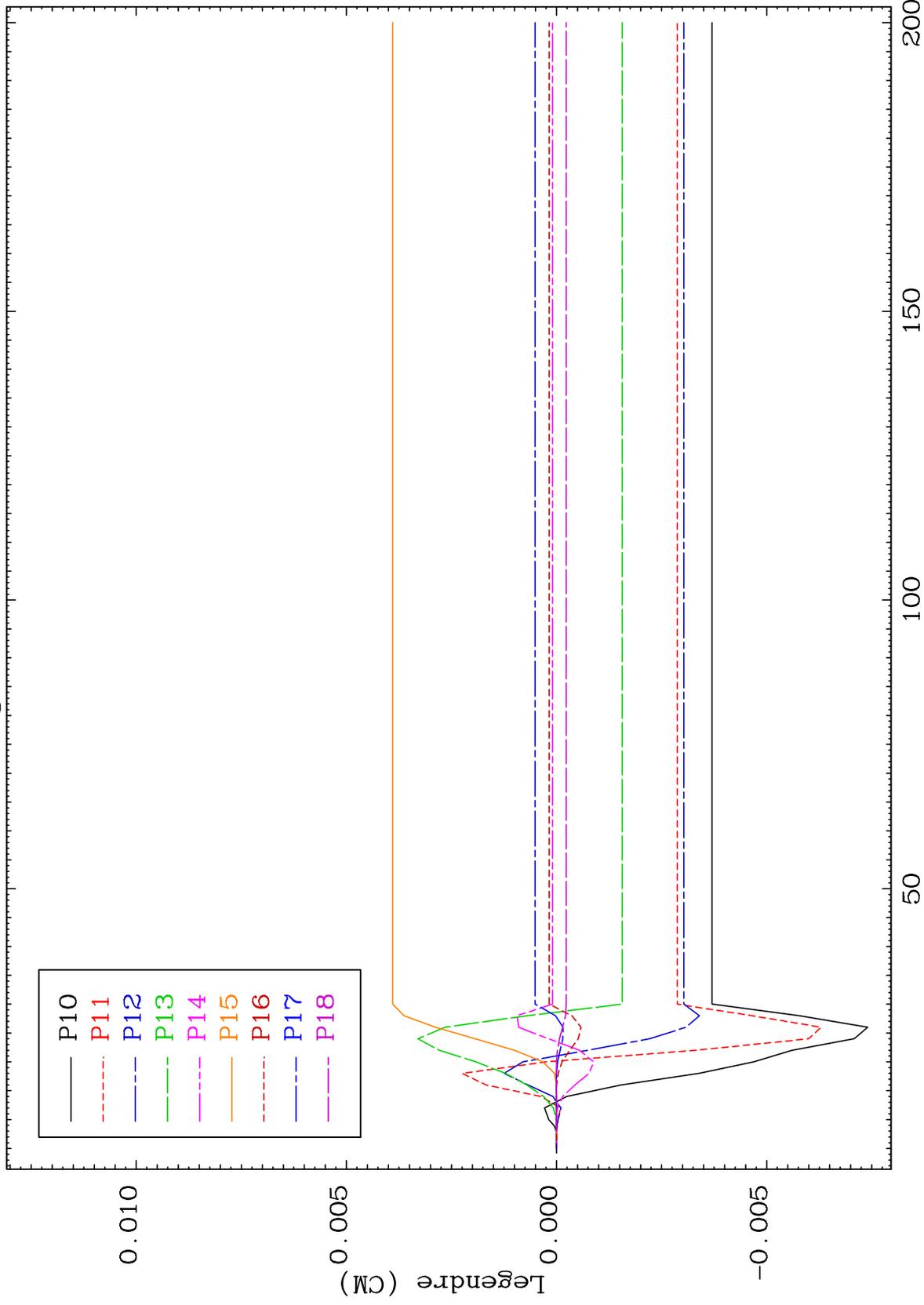
Incident Energy (MeV)

52-Te-137

MAT 5276

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

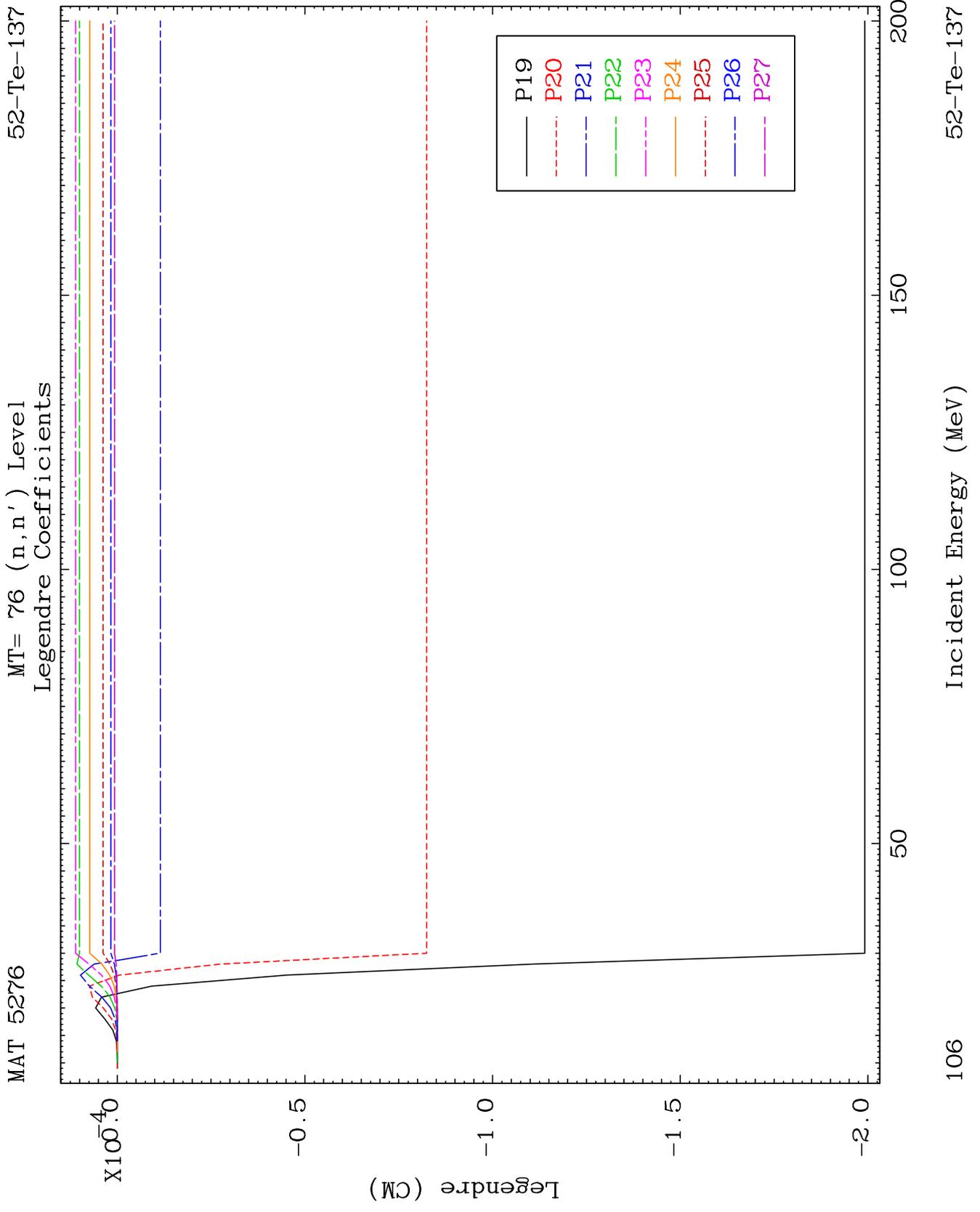
52-Te-137



105

Incident Energy (MeV)

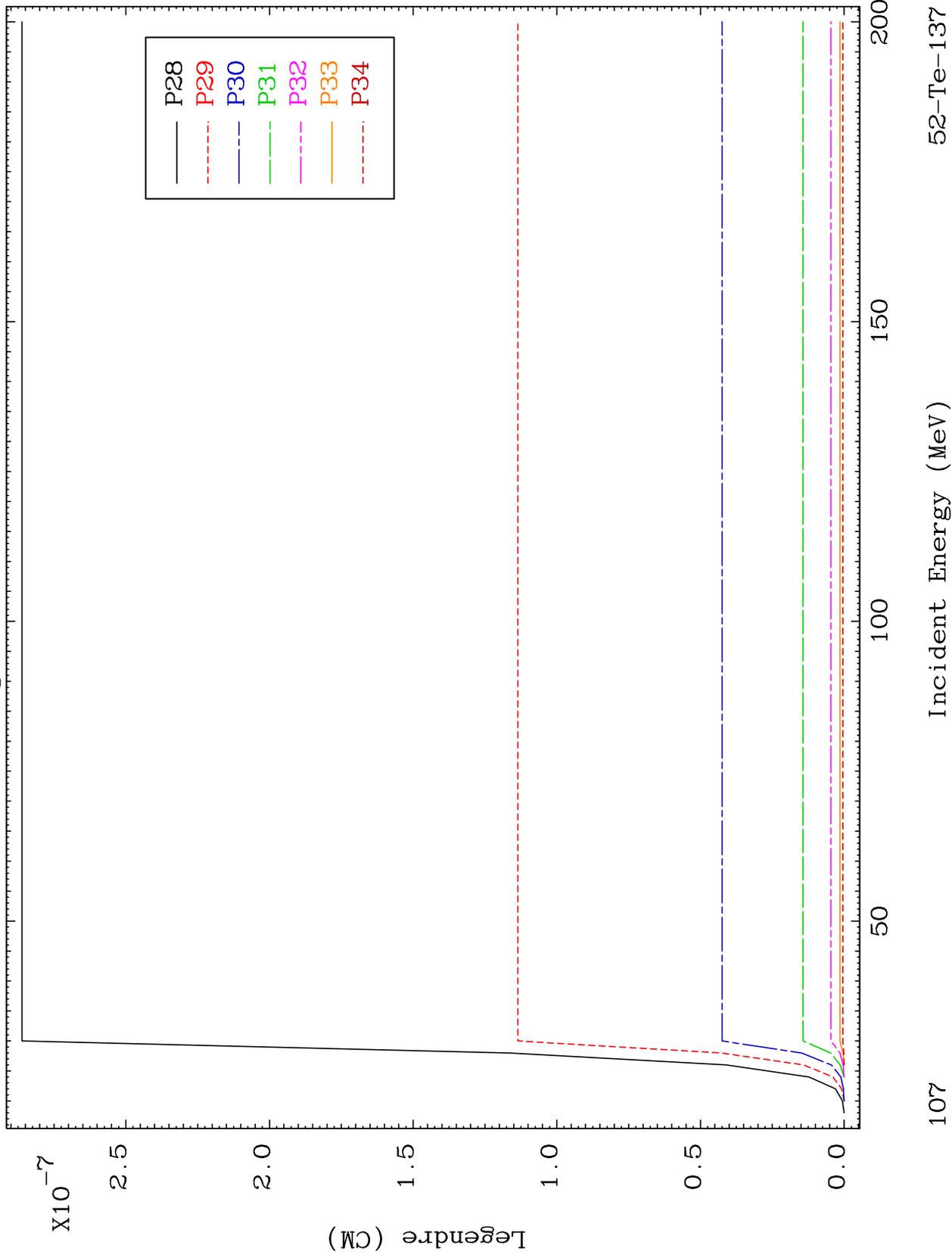
52-Te-137



MAT 5276

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

52-Te-137



107

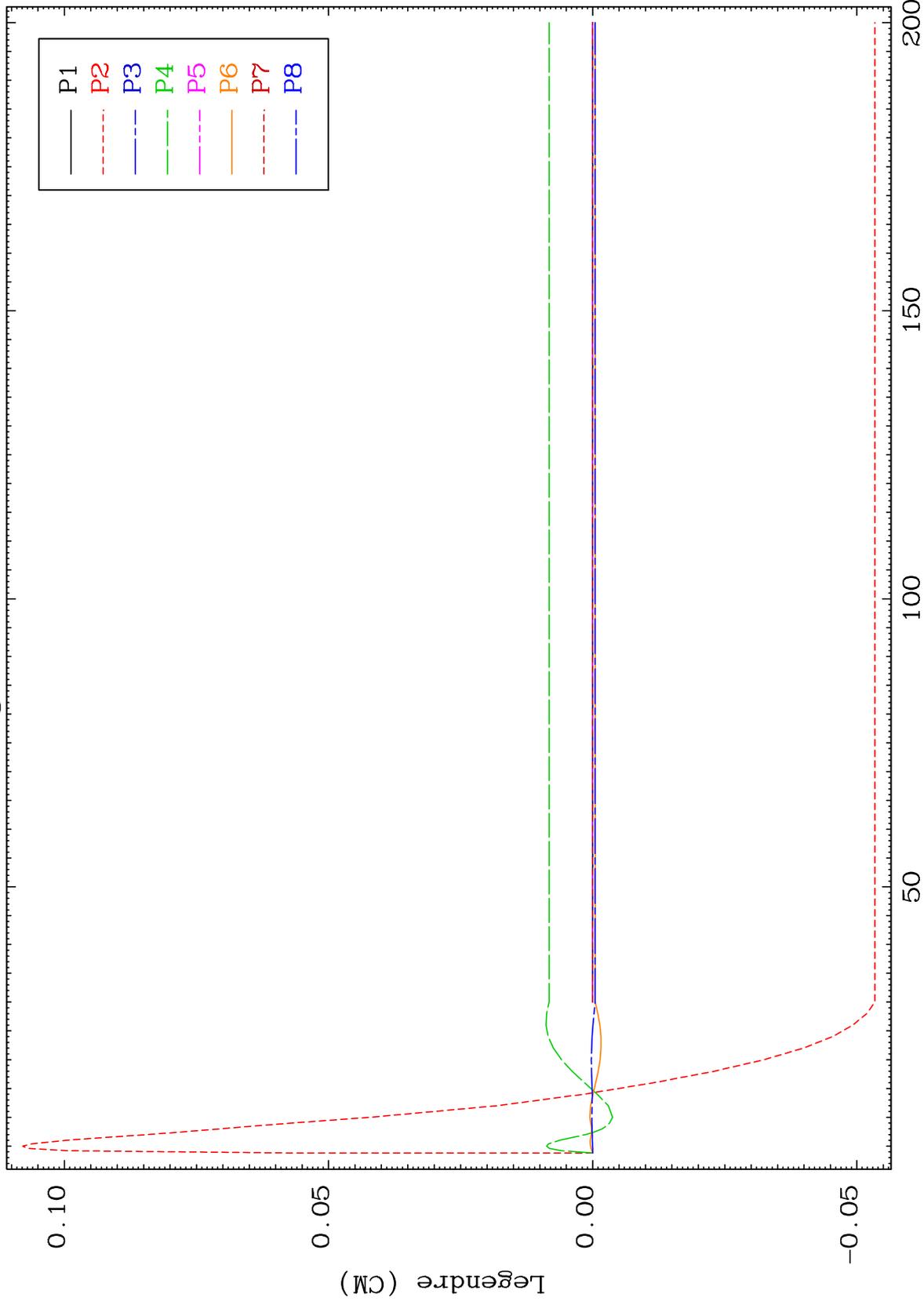
Incident Energy (MeV)

52-Te-137

MAT 5276

MT= 77 (n,n') Level
Legendre Coefficients

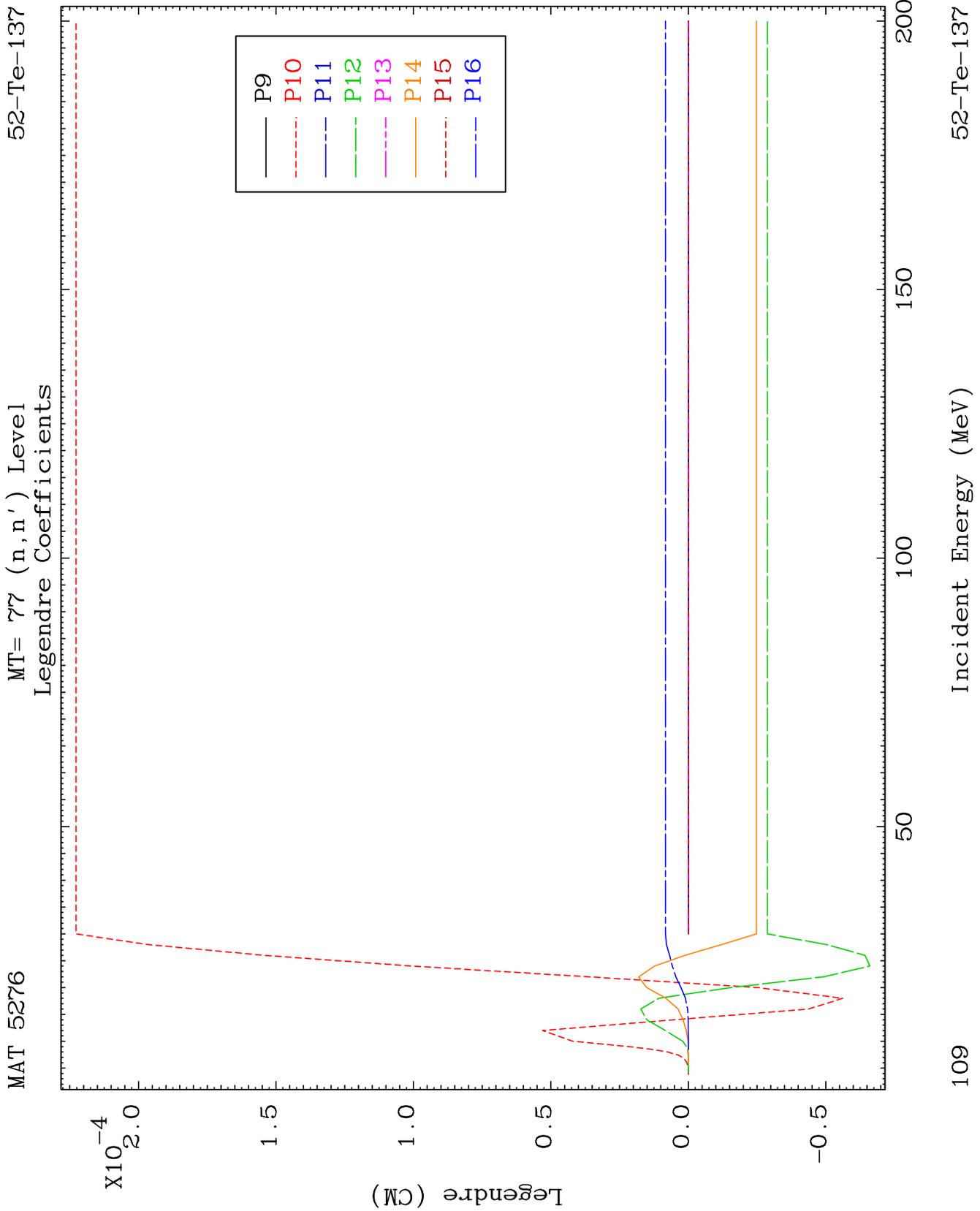
52-Te-137



108

Incident Energy (MeV)

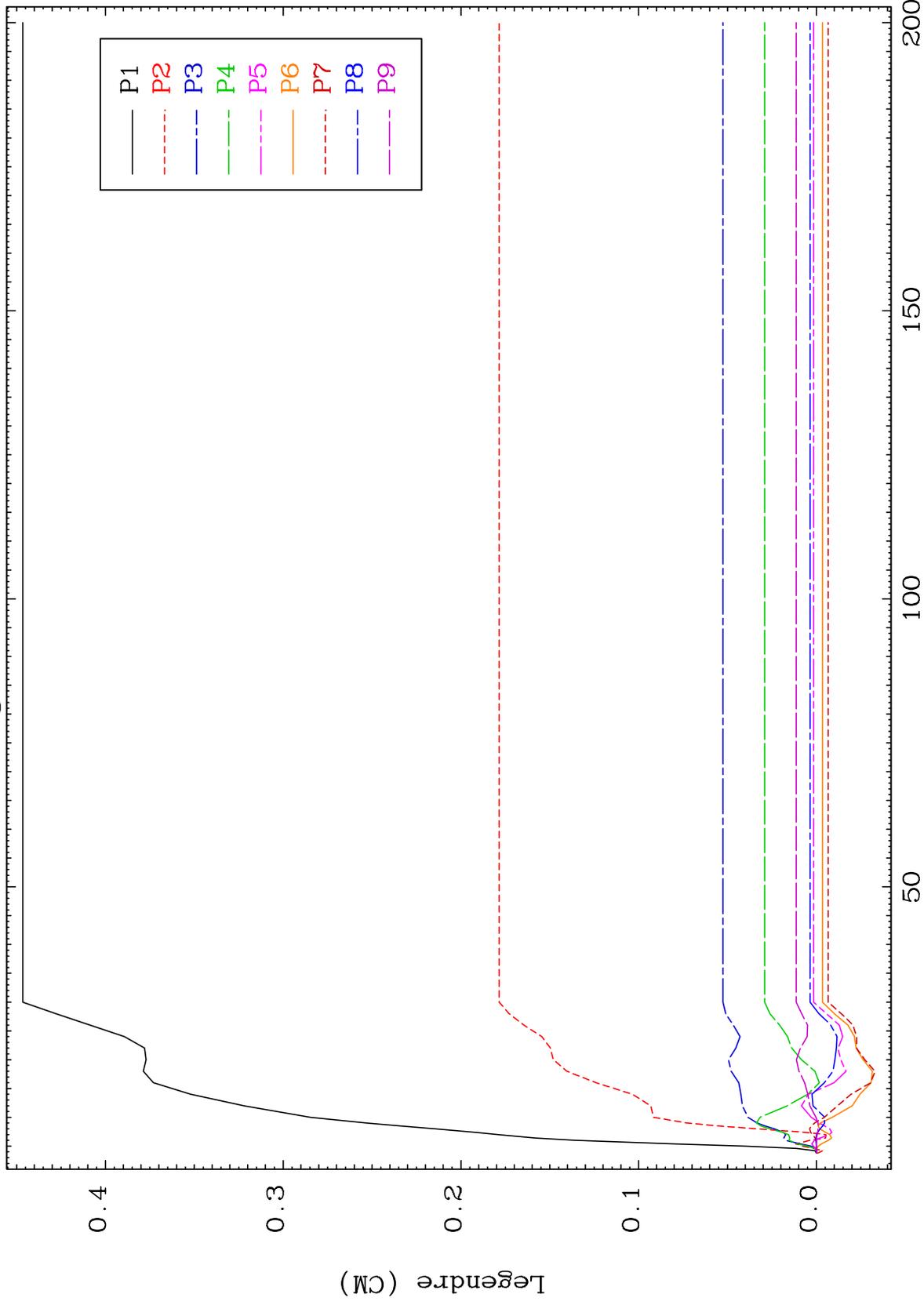
52-Te-137



MAT 5276

MT= 78 (n,n') Level
Legendre Coefficients

52-Te-137



111

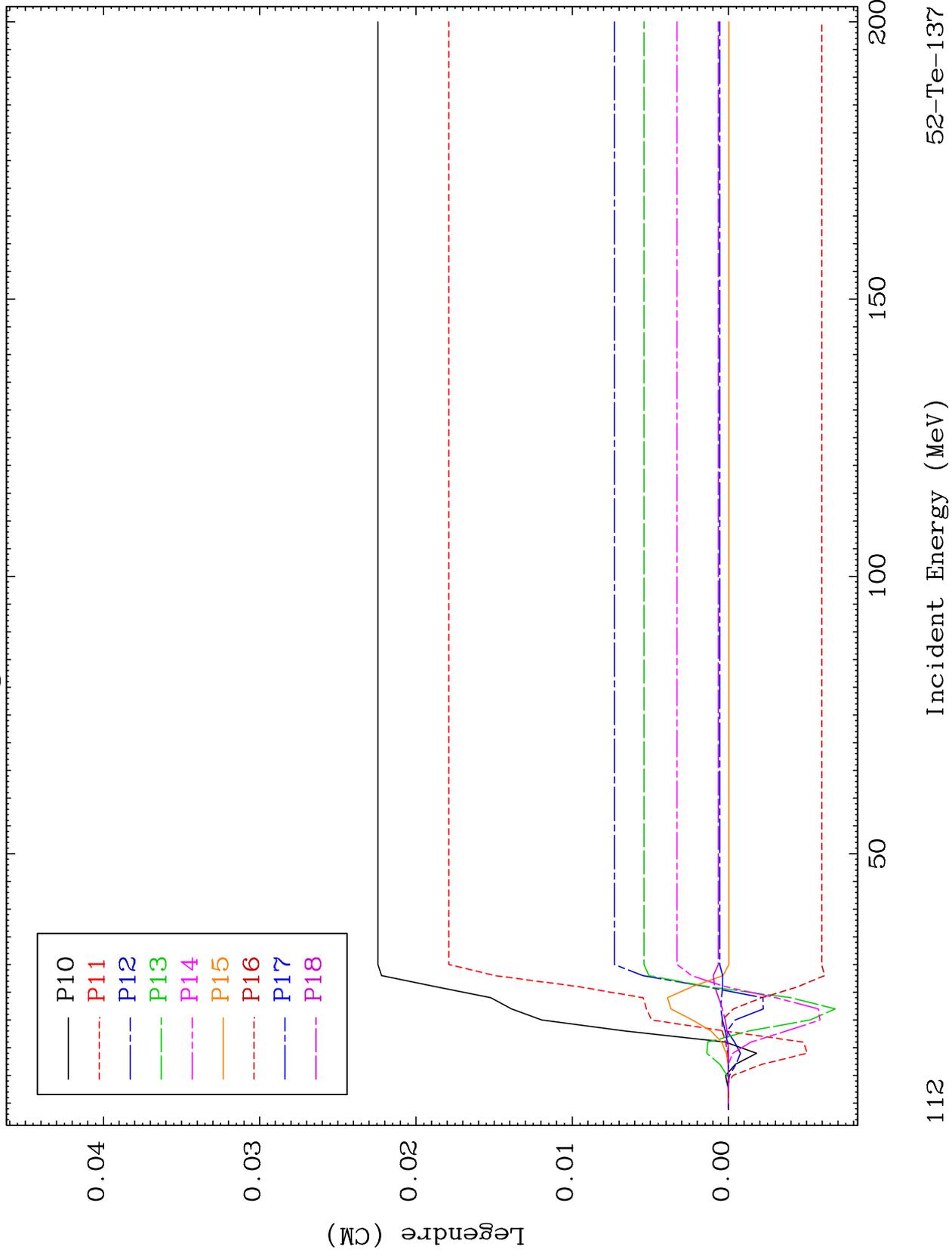
Incident Energy (MeV)

52-Te-137

MAT 5276

MT= 78 (n,n') Level
Legendre Coefficients

52-Te-137



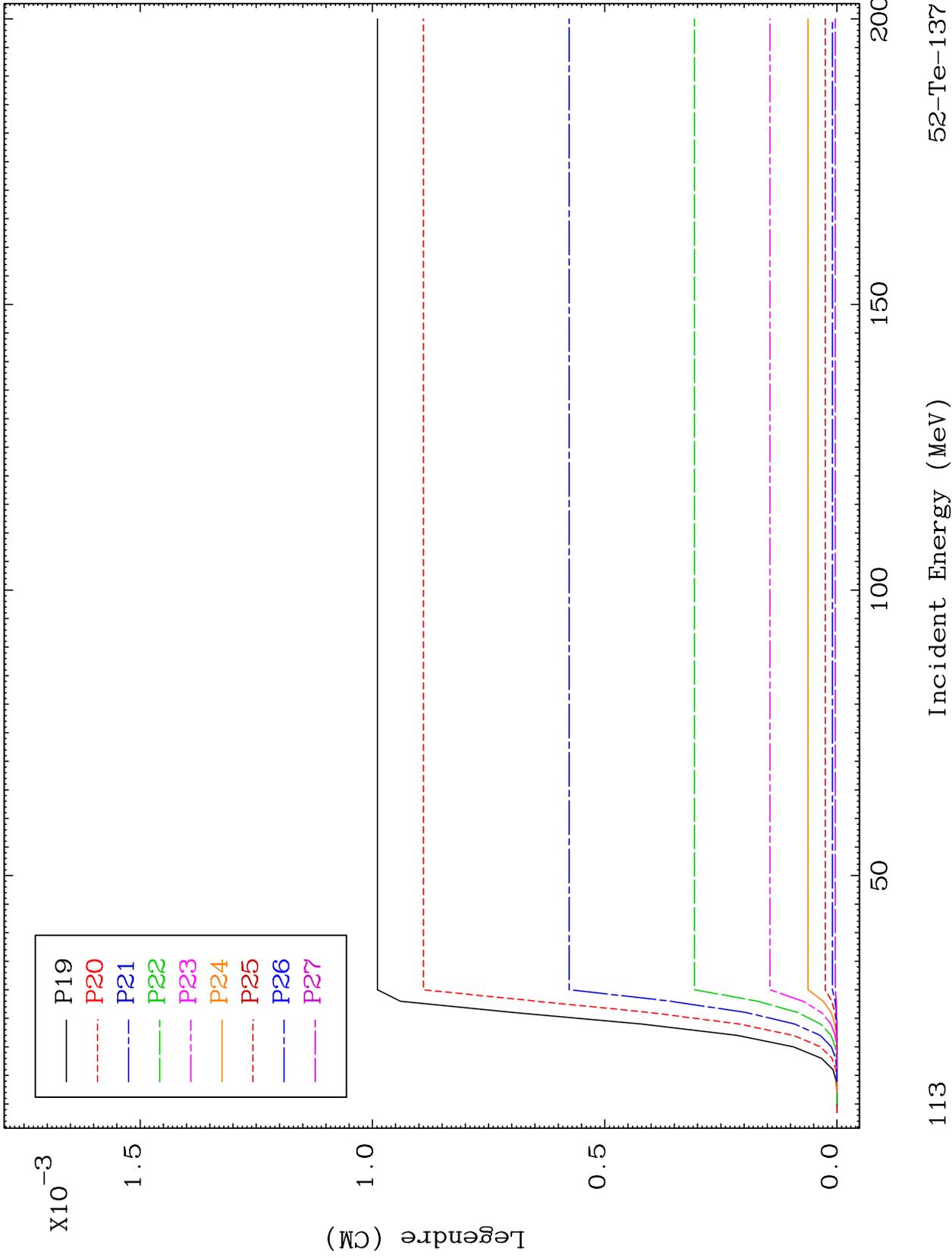
112

52-Te-137

MAT 5276

MT= 78 (n,n') Level
Legendre Coefficients

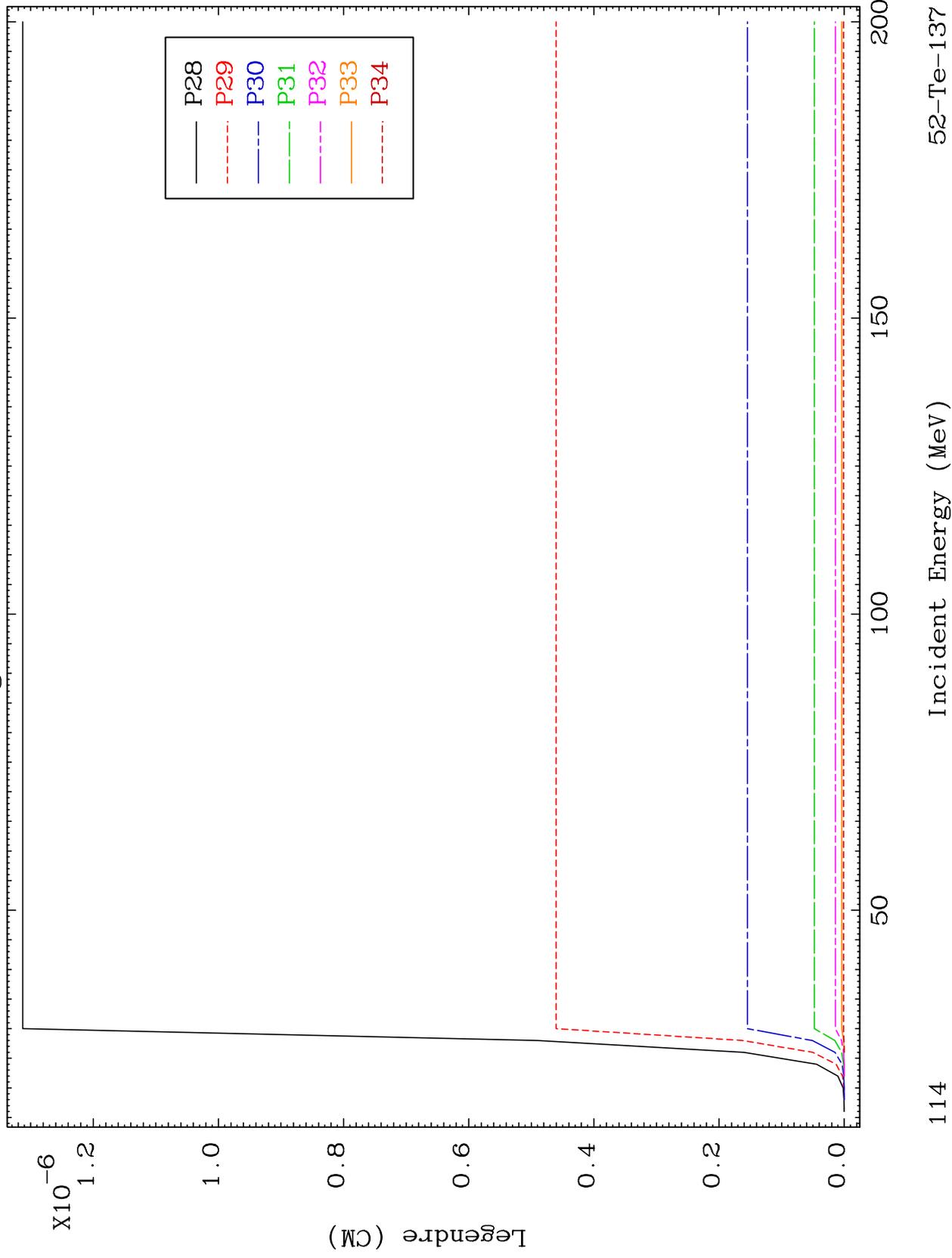
52-Te-137



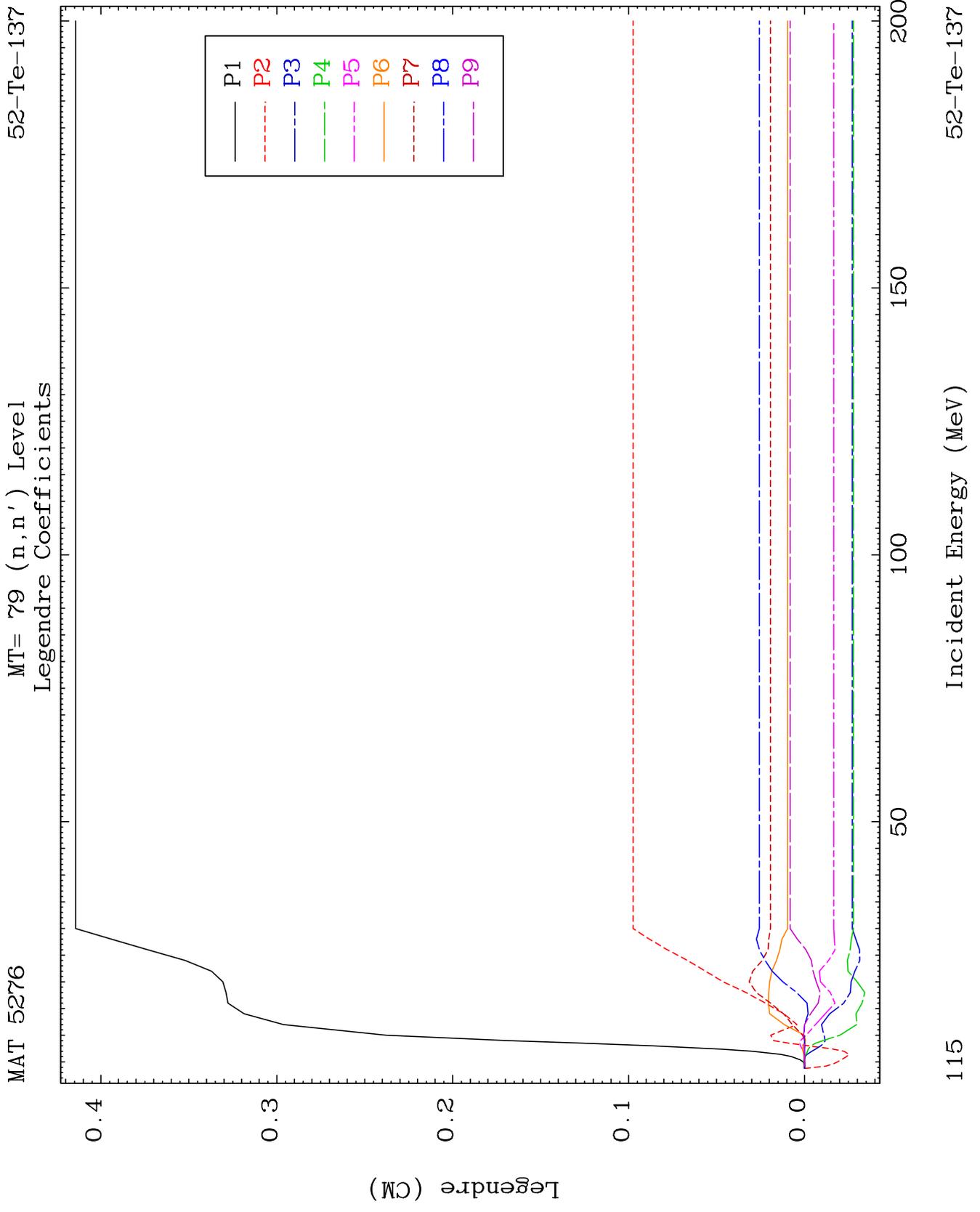
MAT 5276

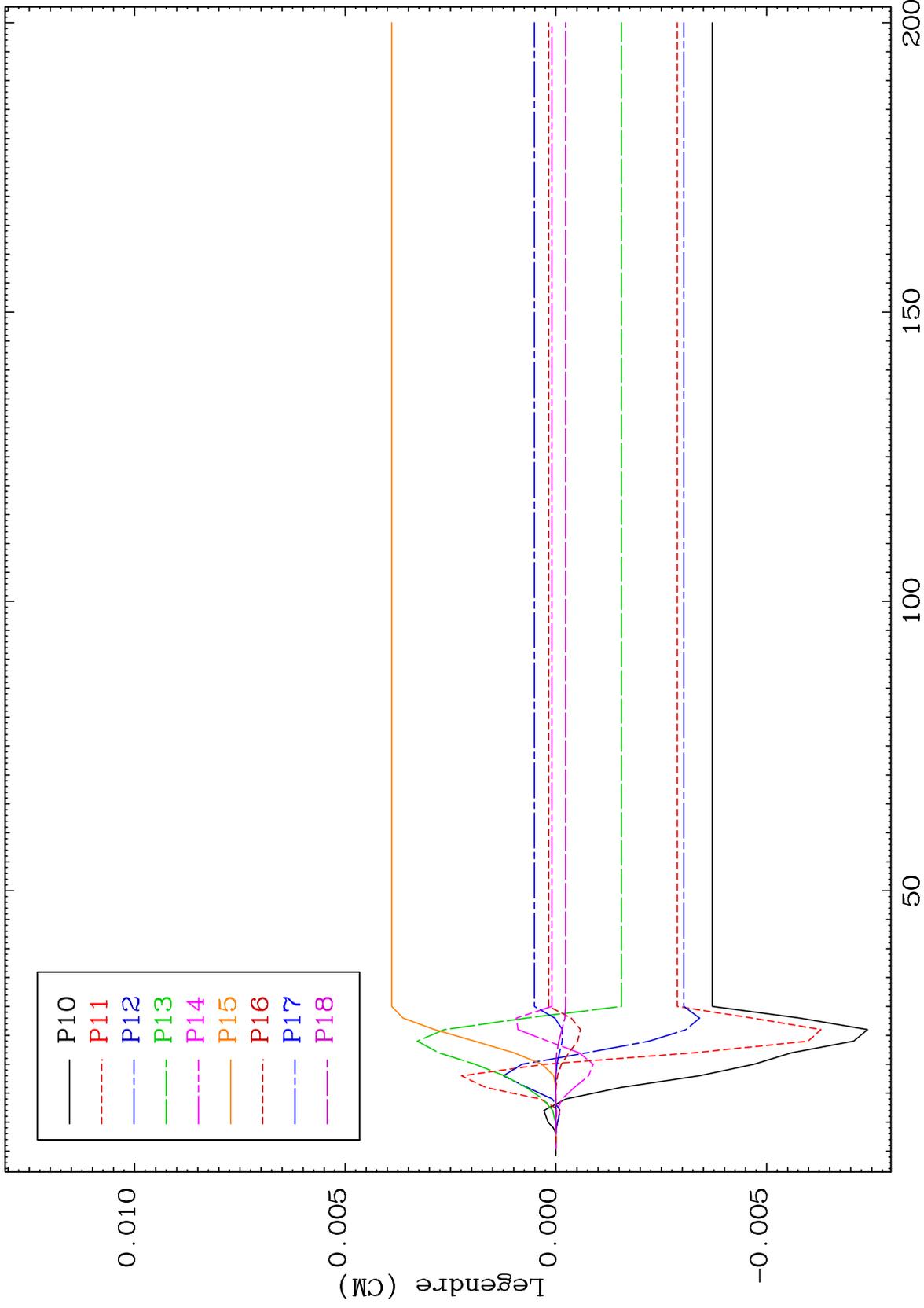
MT= 78 (n,n') Level
Legendre Coefficients

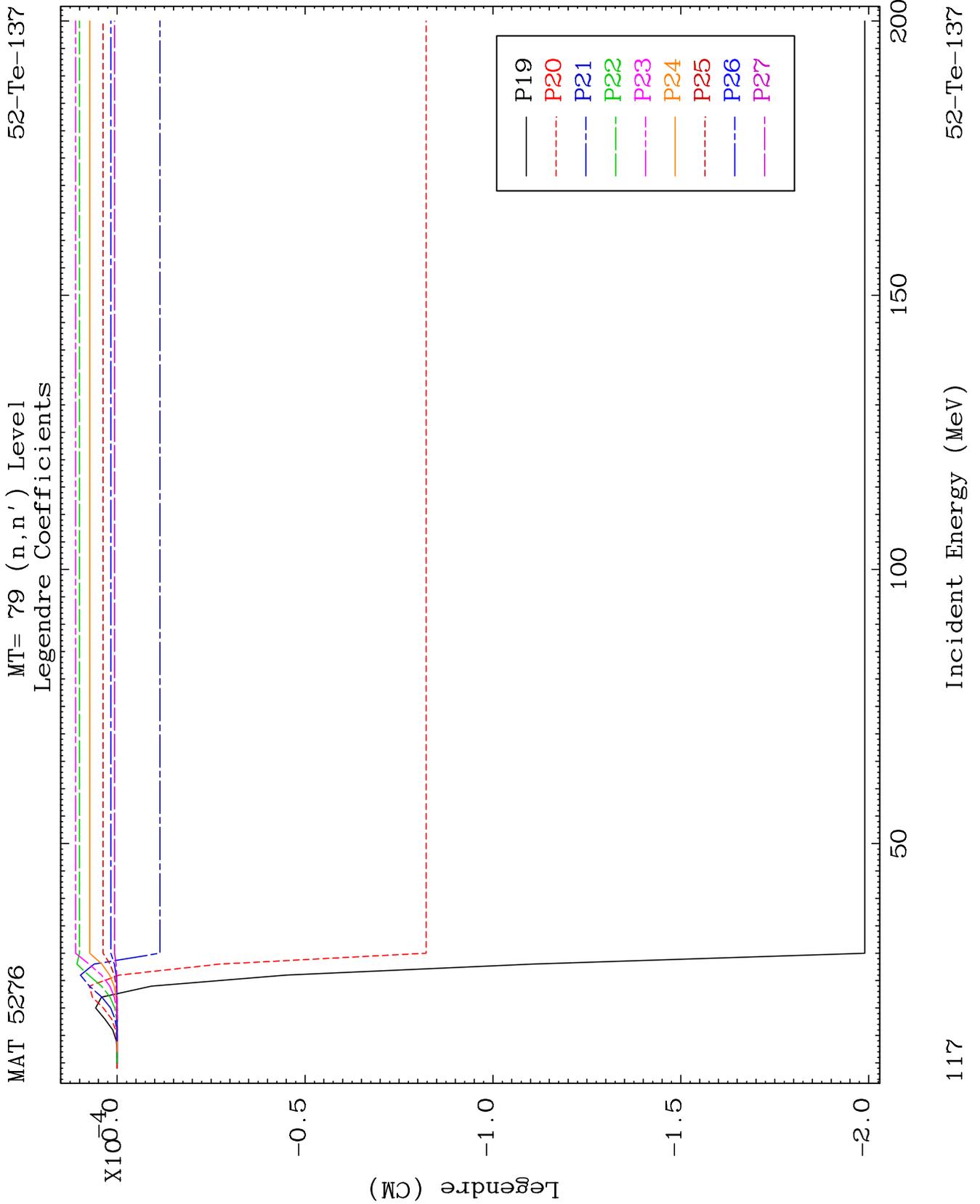
52-Te-137



114



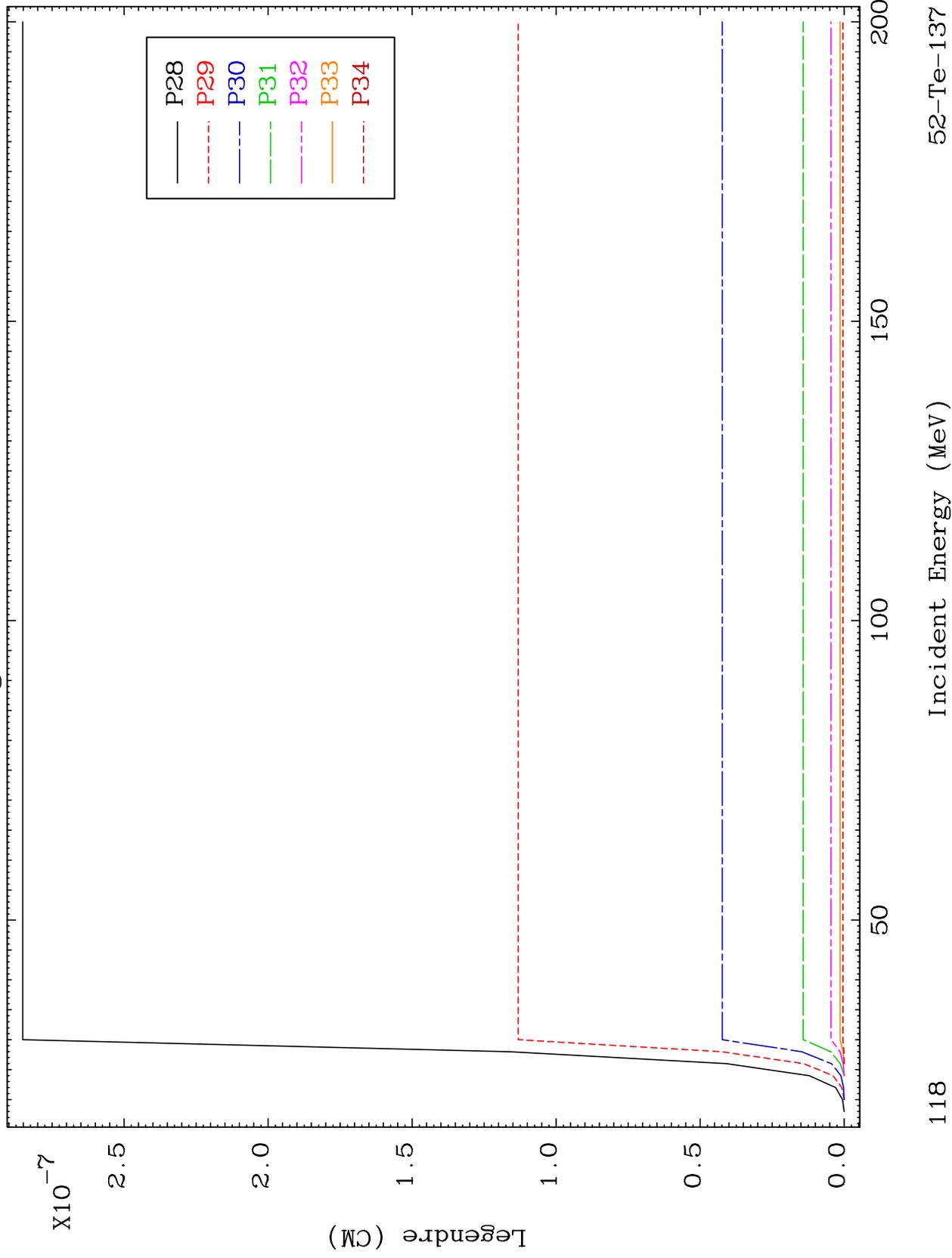




MAT 5276

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

52-Te-137

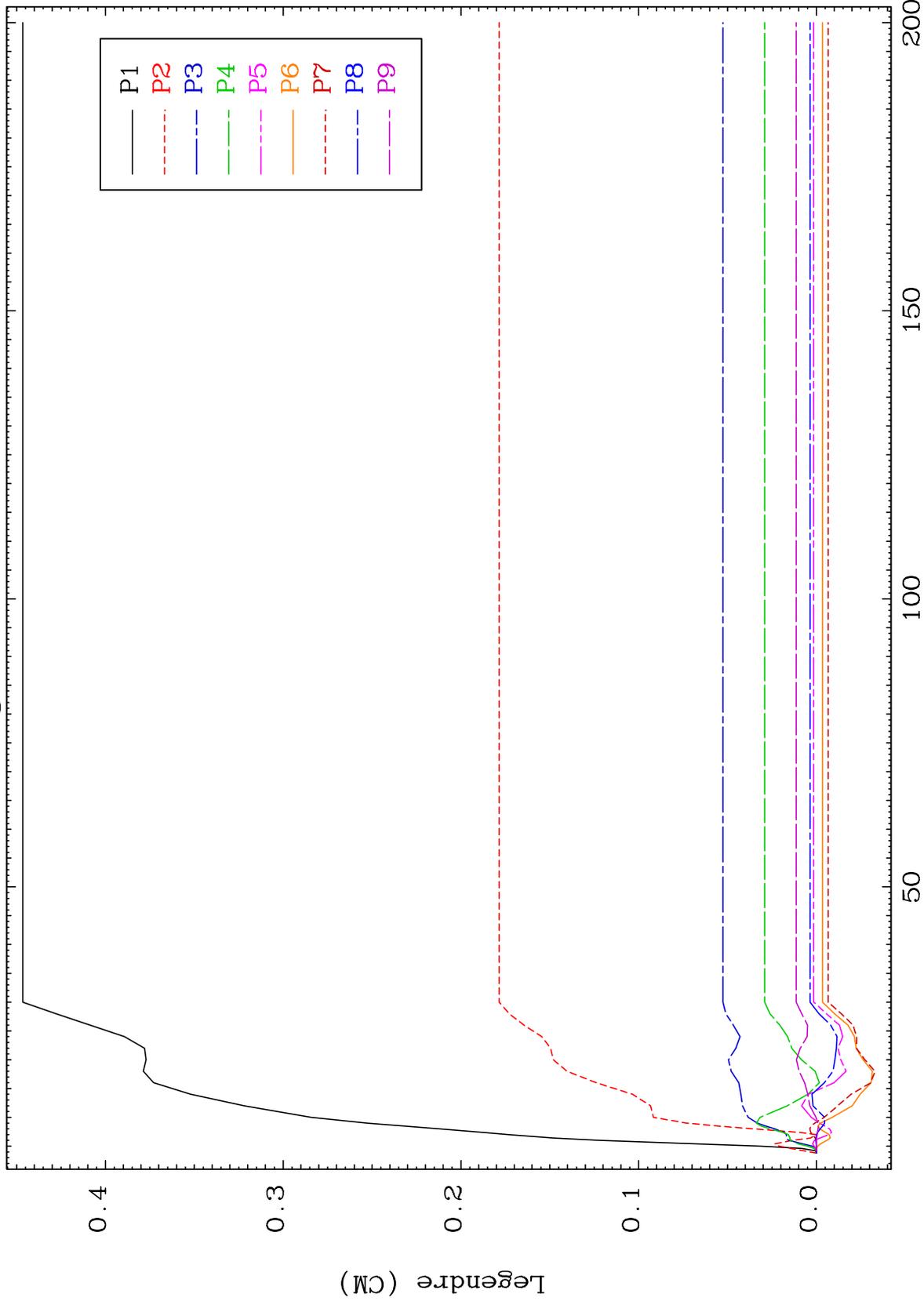


118

MAT 5276

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

52-Te-137



119

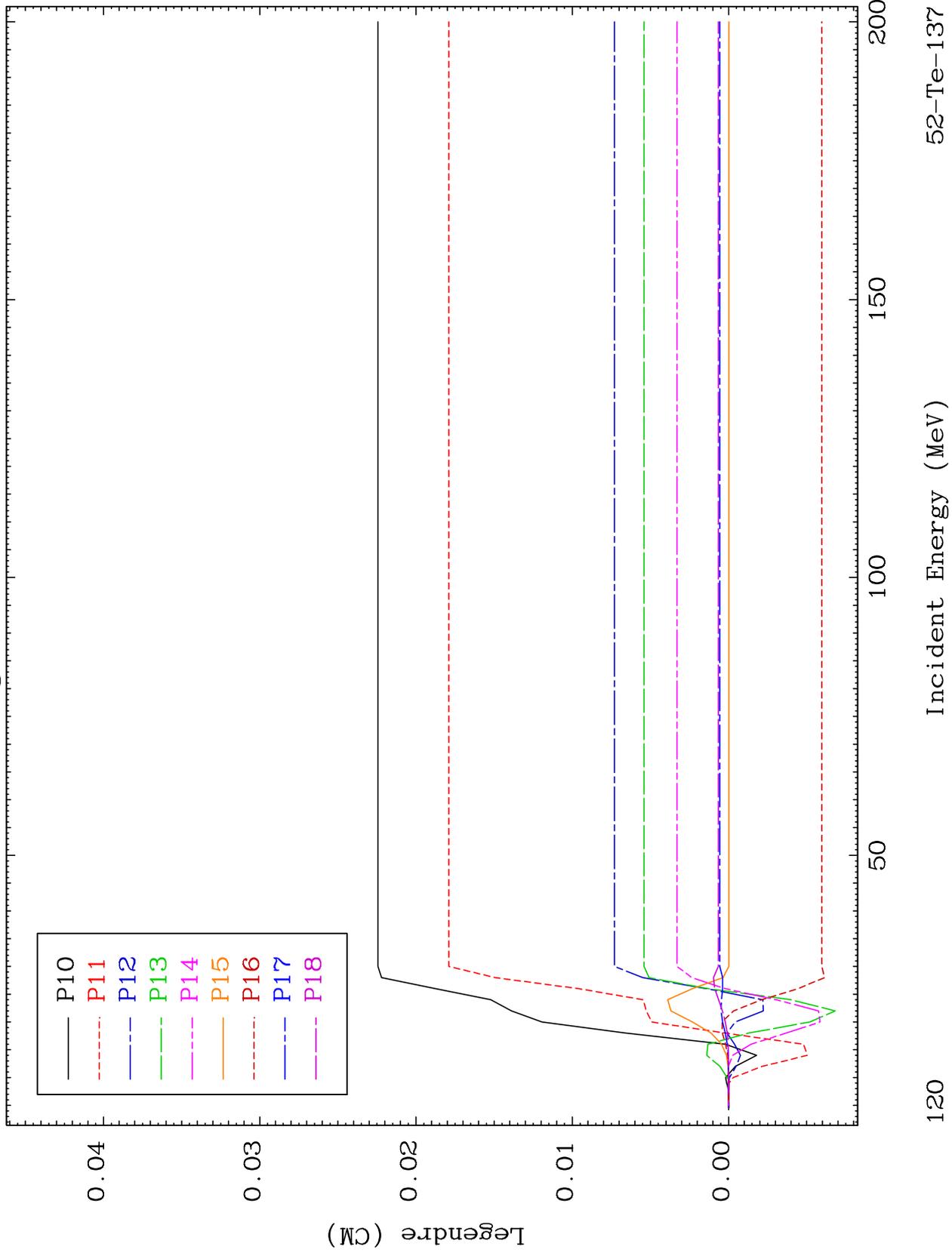
Incident Energy (MeV)

52-Te-137

MAT 5276

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

52-Te-137



52-Te-137

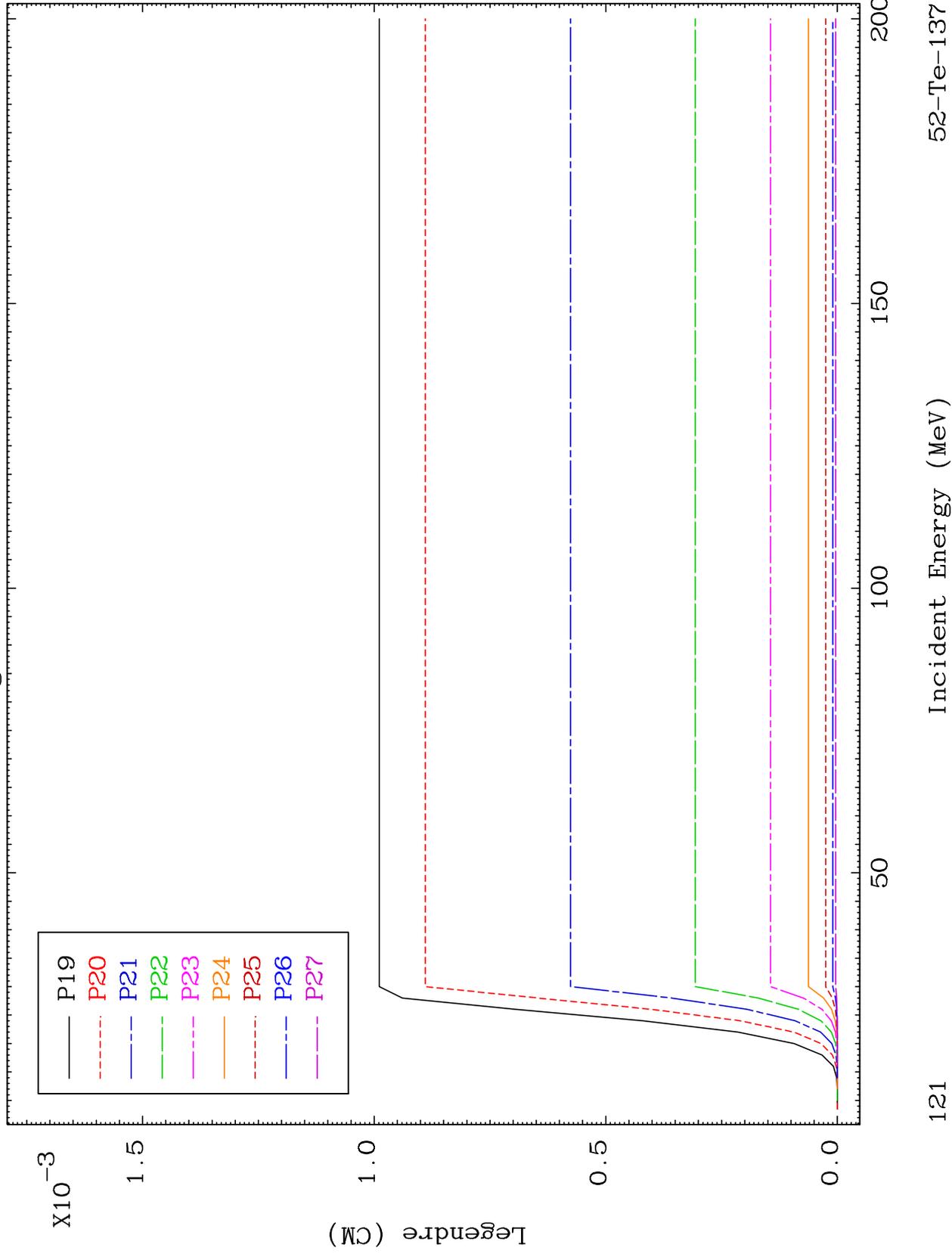
Incident Energy (MeV)

120

MAT 5276

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

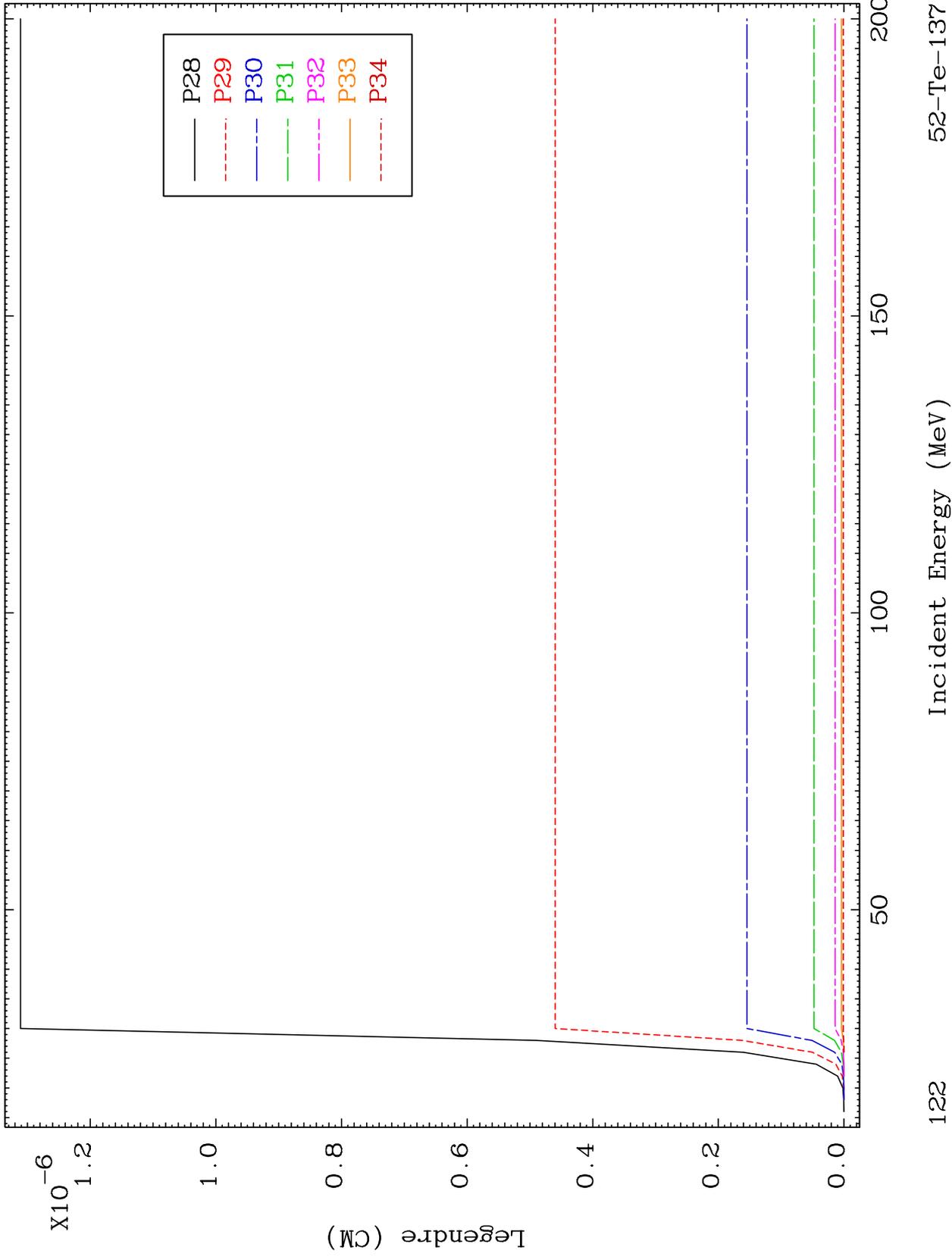
52-Te-137



MAT 5276

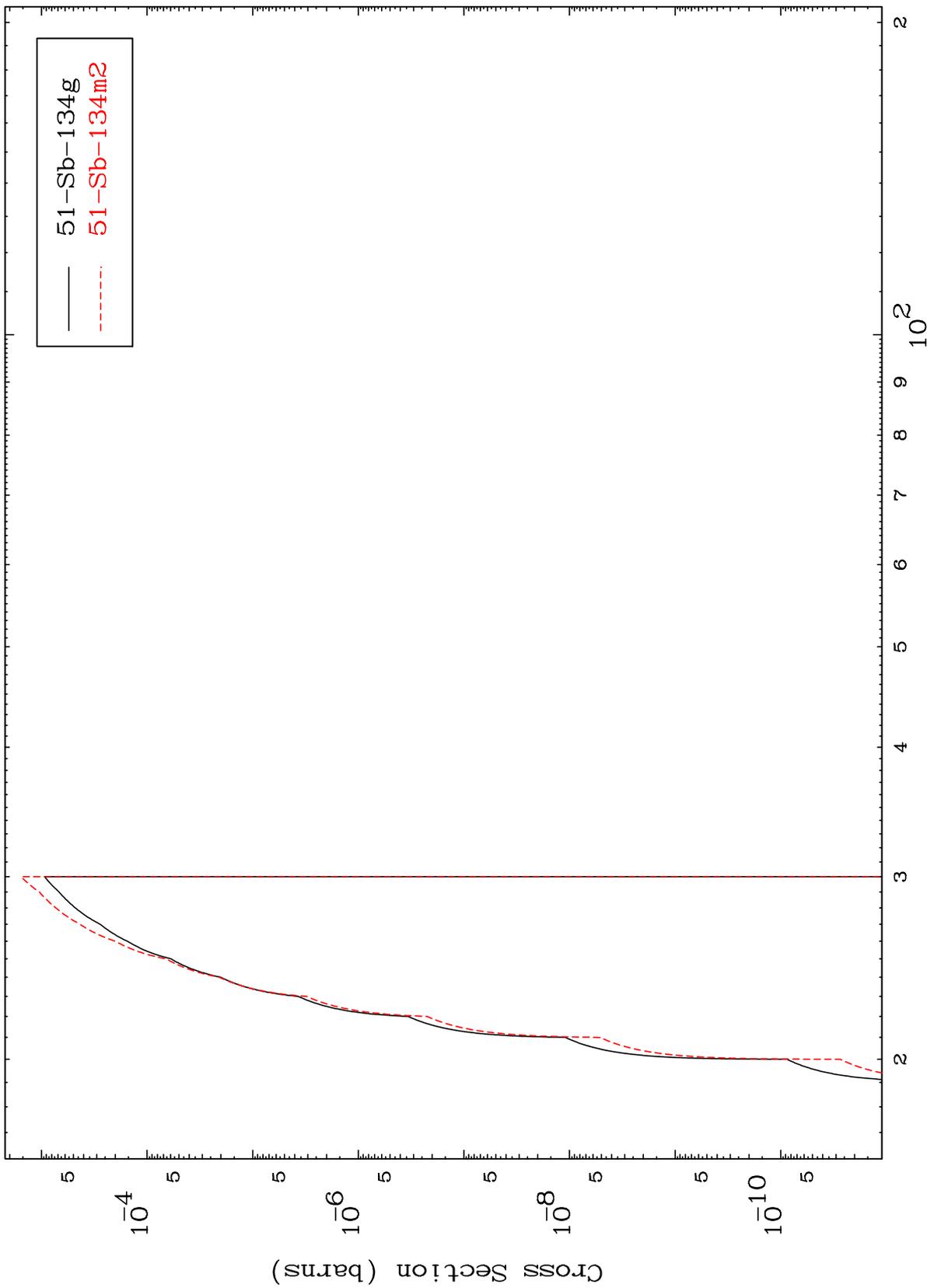
MT= 80 (n,n') Level
Legendre Coefficients

52-Te-137



122

Radionuclide Production Cross Section

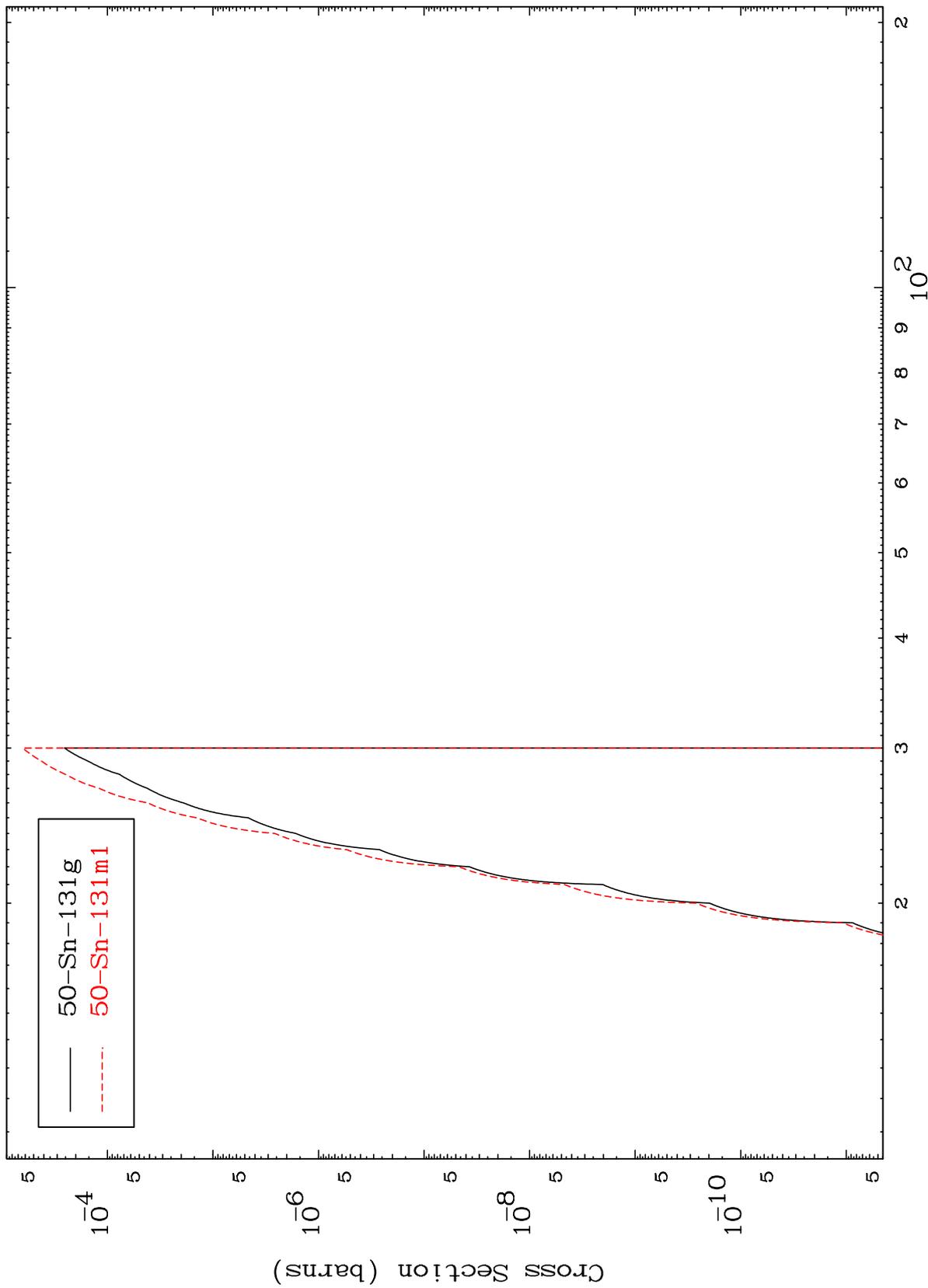


MAT 5276

52-Te-137

(n,3n) α

Radionuclide Production Cross Section



124

Incident Energy (MeV)

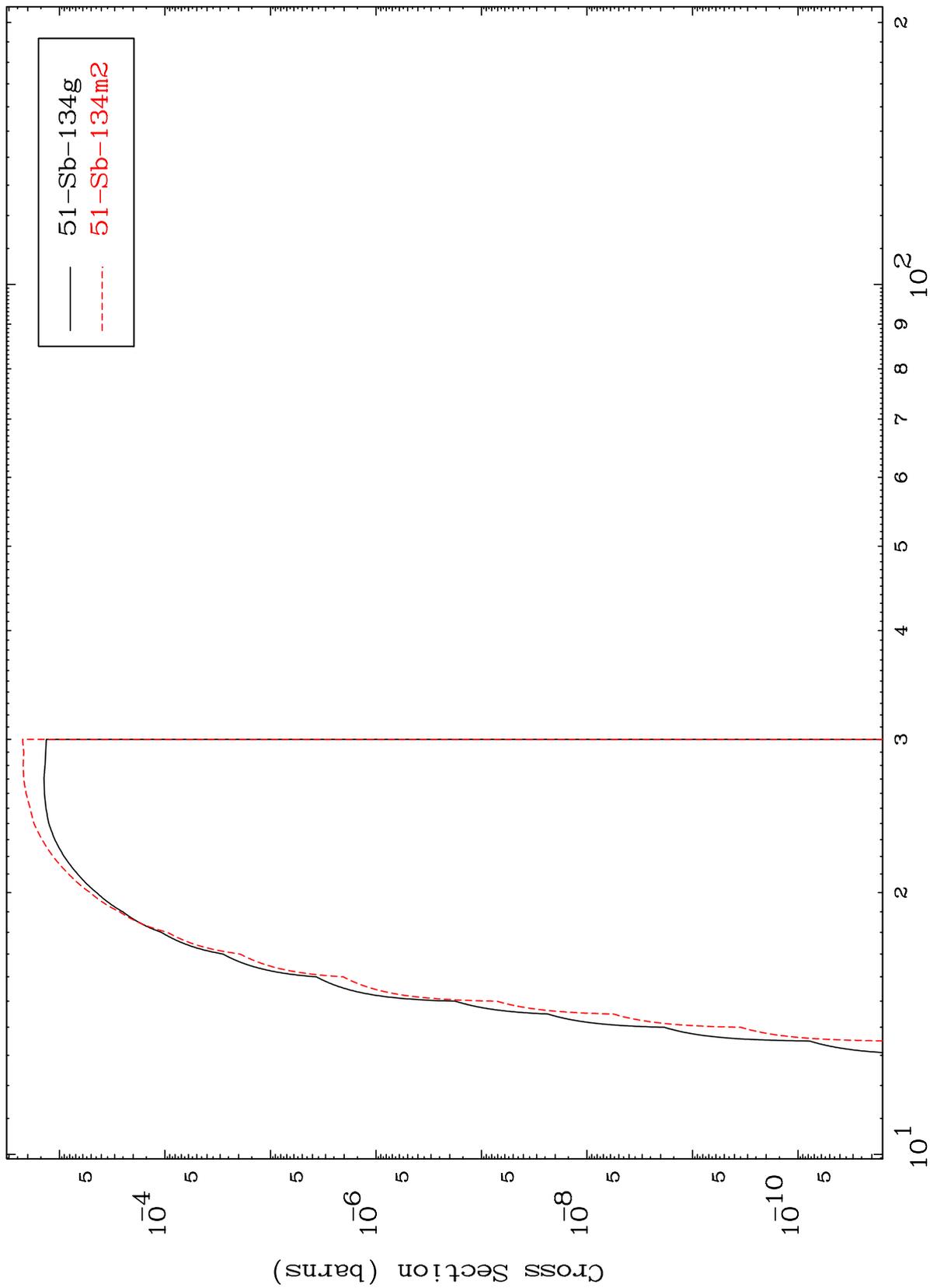
52-Te-137

MAT 5276

(n,n') t

52-Te-137

Radionuclide Production Cross Section



Incident Energy (MeV)

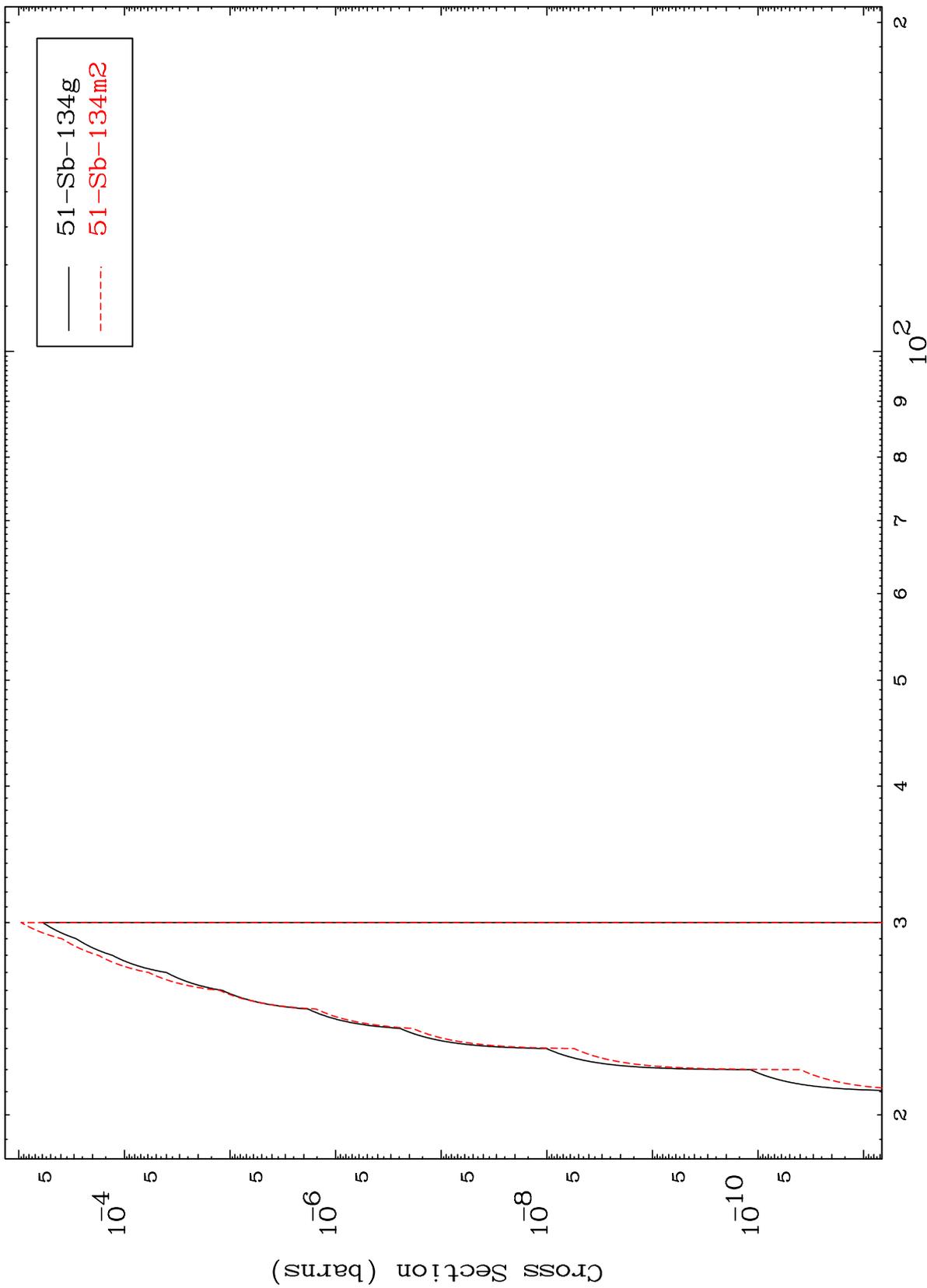
52-Te-137

MAT 5276

(n,3n) p

52-Te-137

Radionuclide Production Cross Section



126

Incident Energy (MeV)

52-Te-137