

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

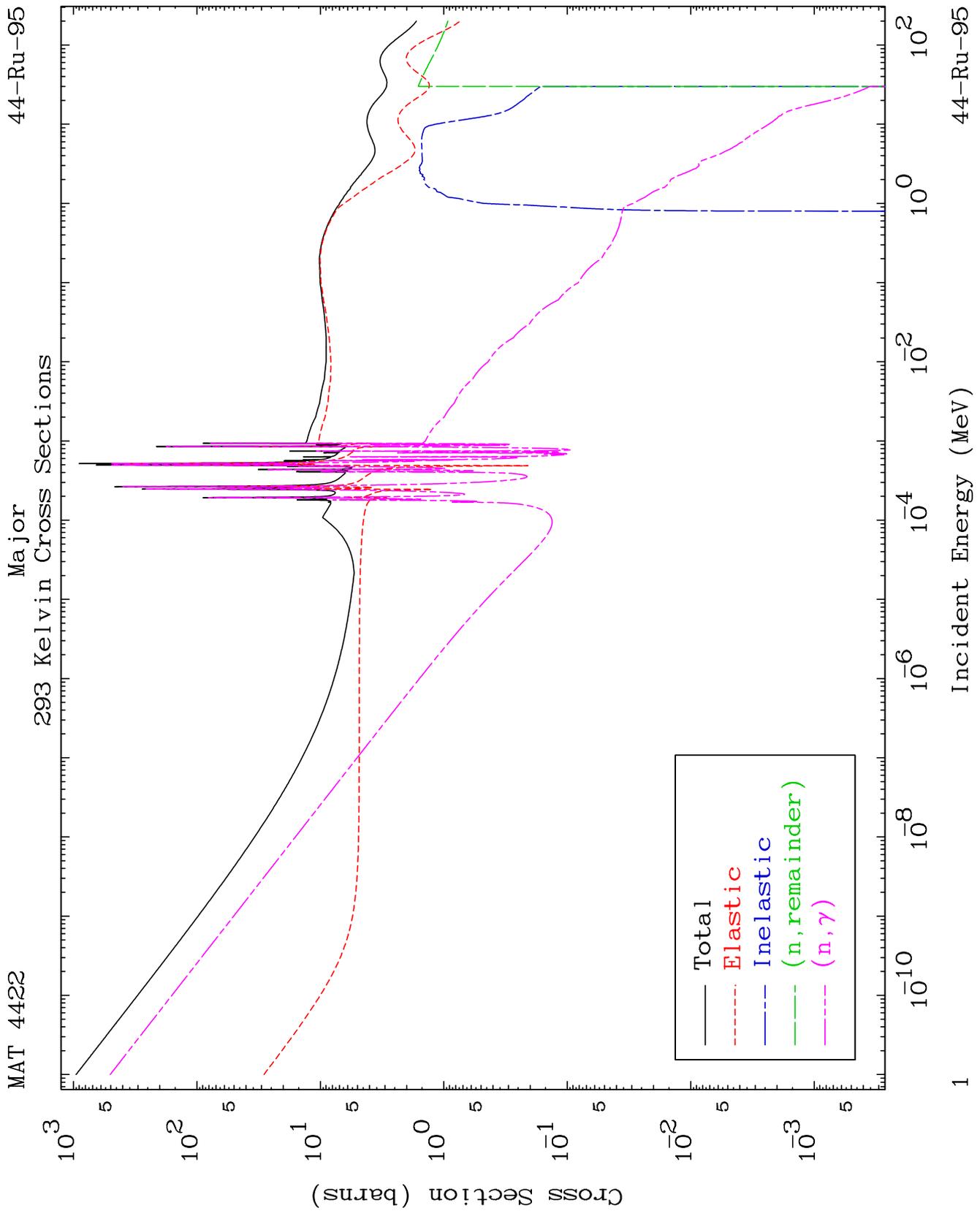
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
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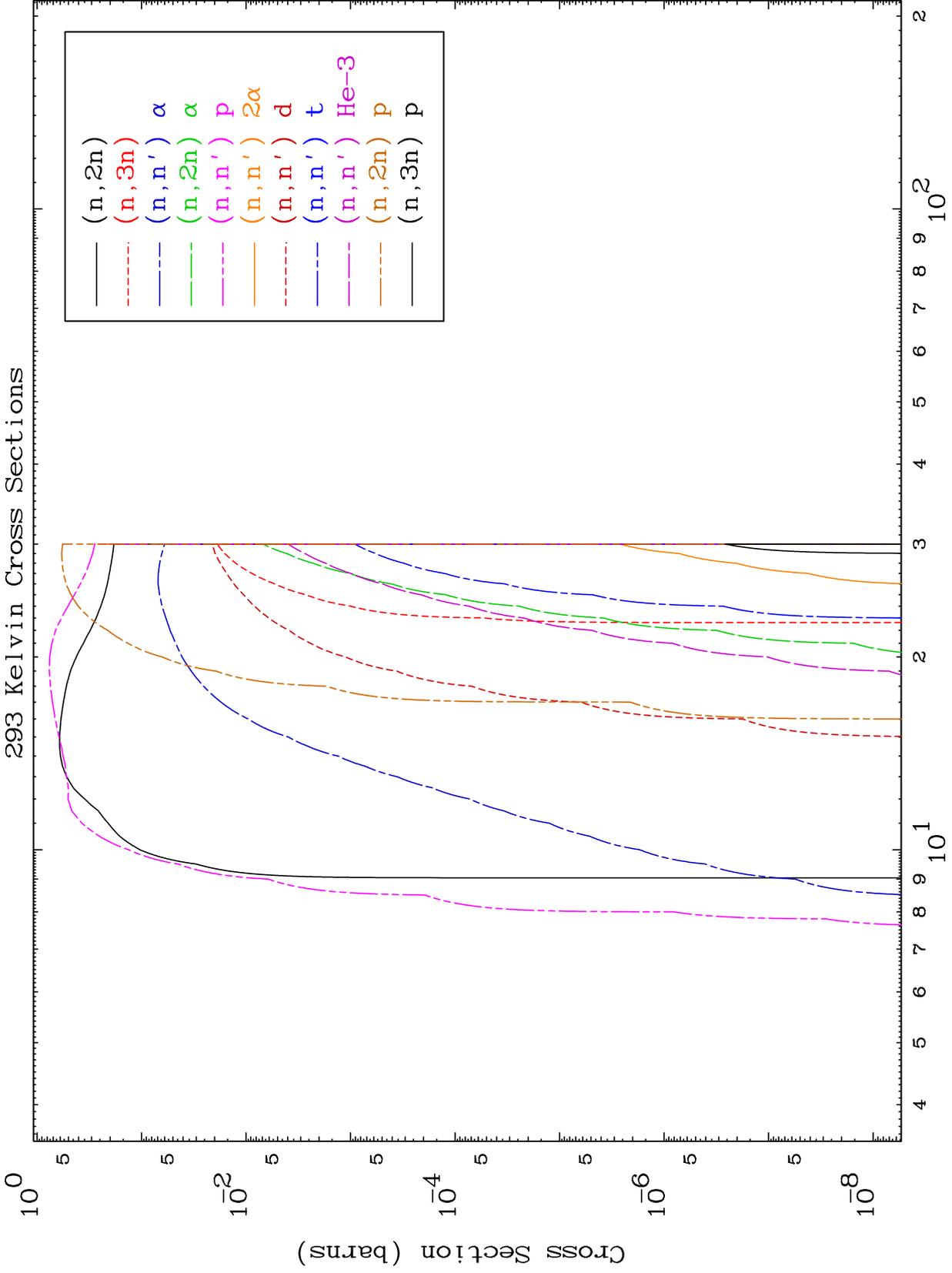
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

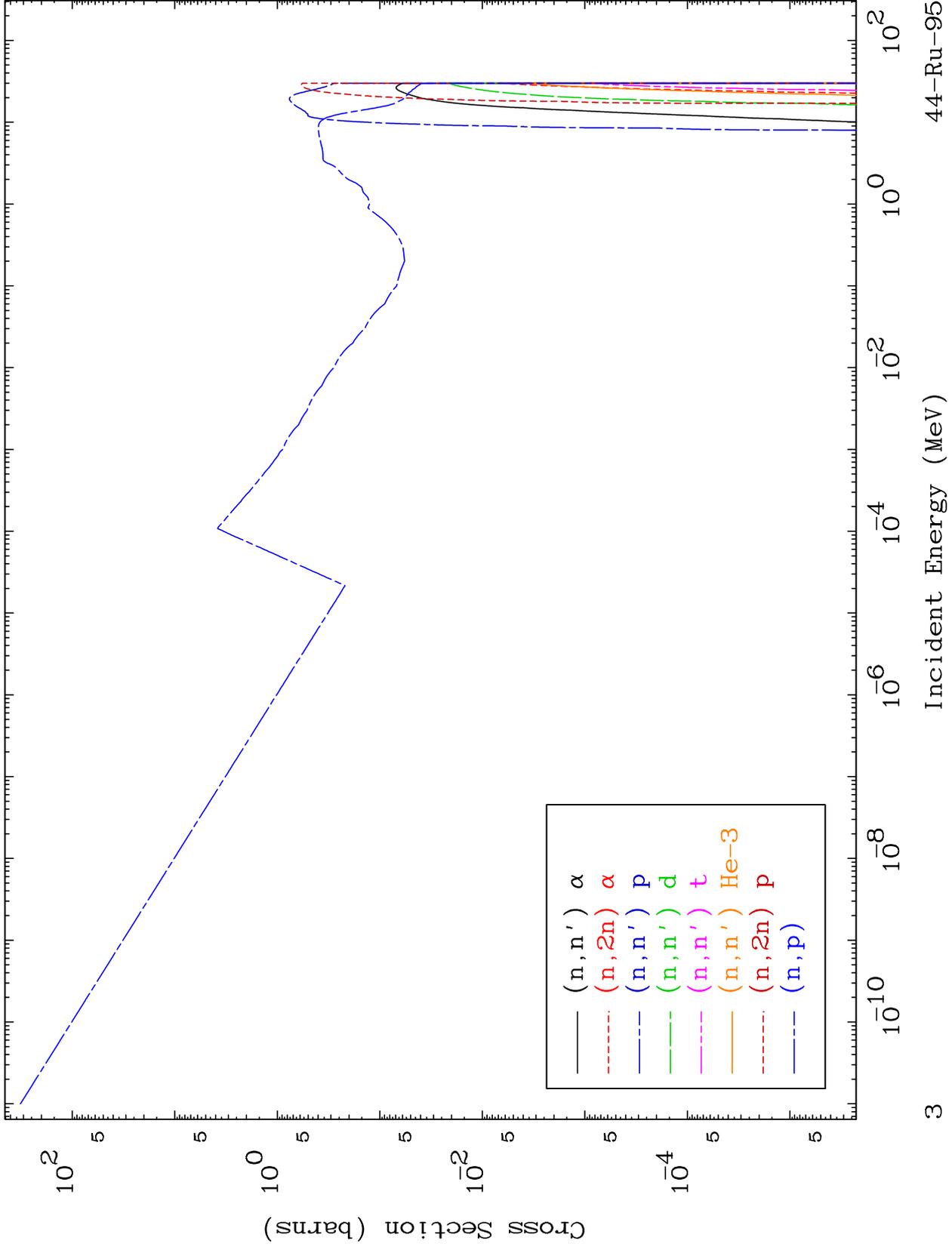


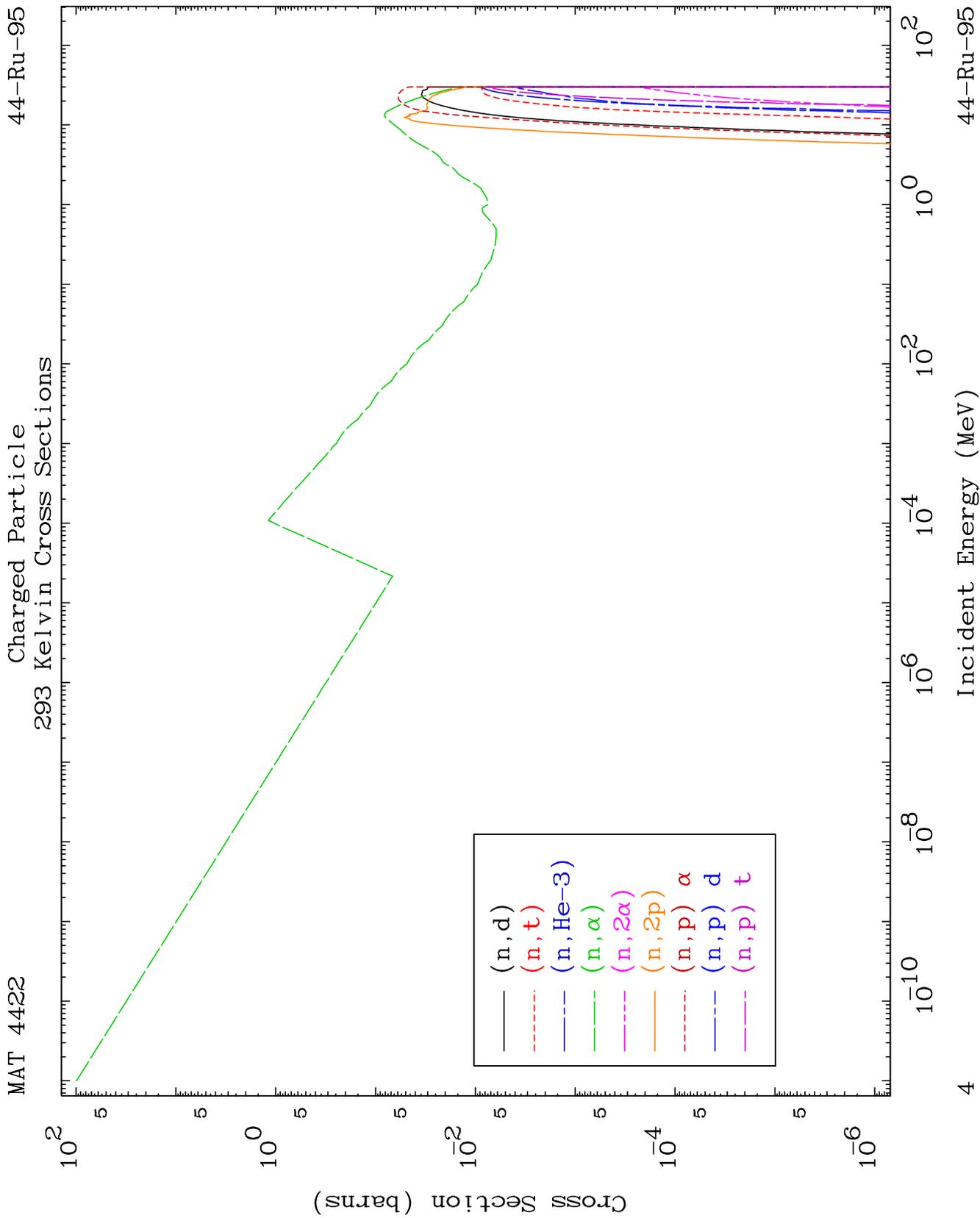


MAT 4422

Charged Particle  
293 Kelvin Cross Sections

44-Ru-95

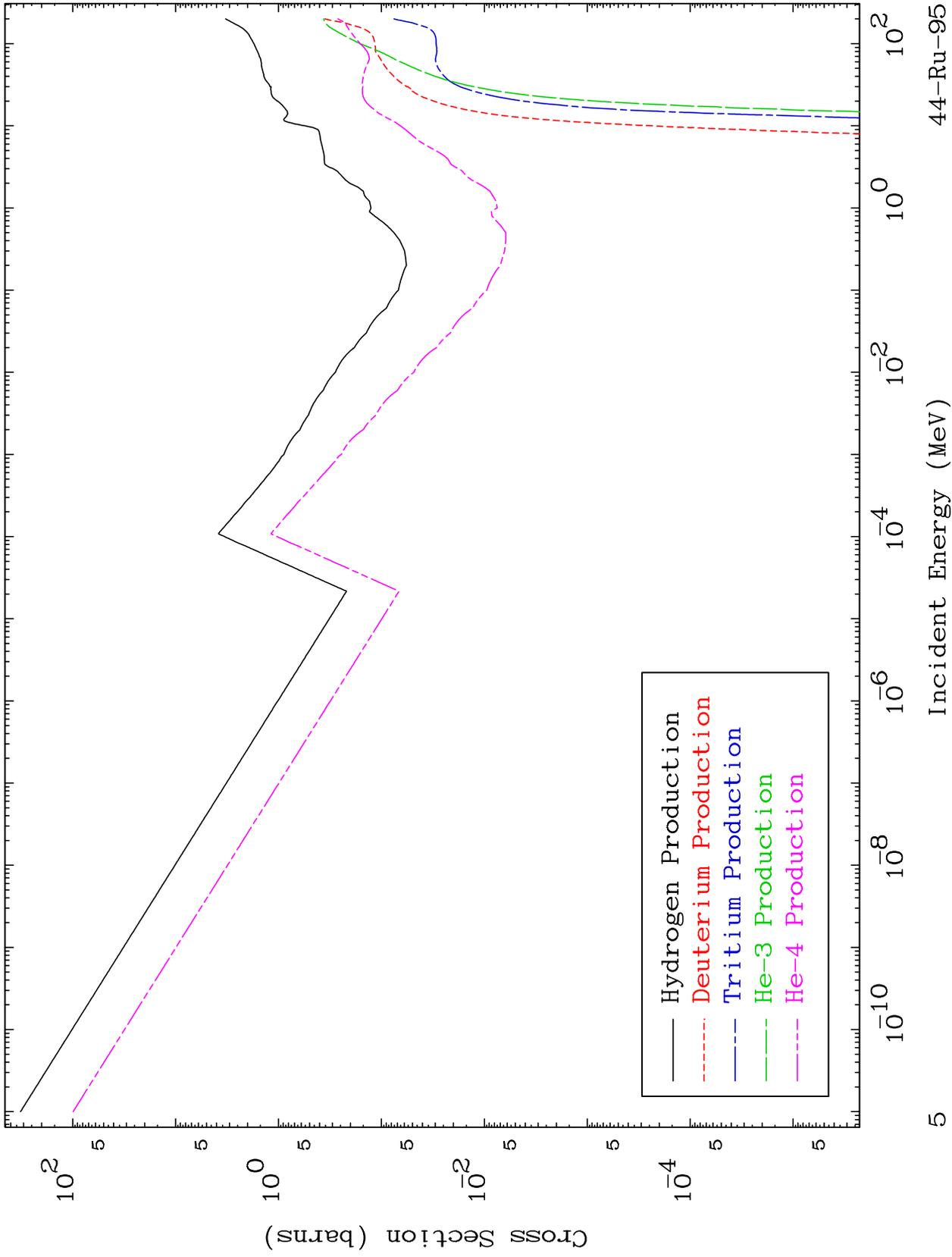




MAT 4422

Particle Production  
293 Kelvin Cross Sections

44-Ru-95

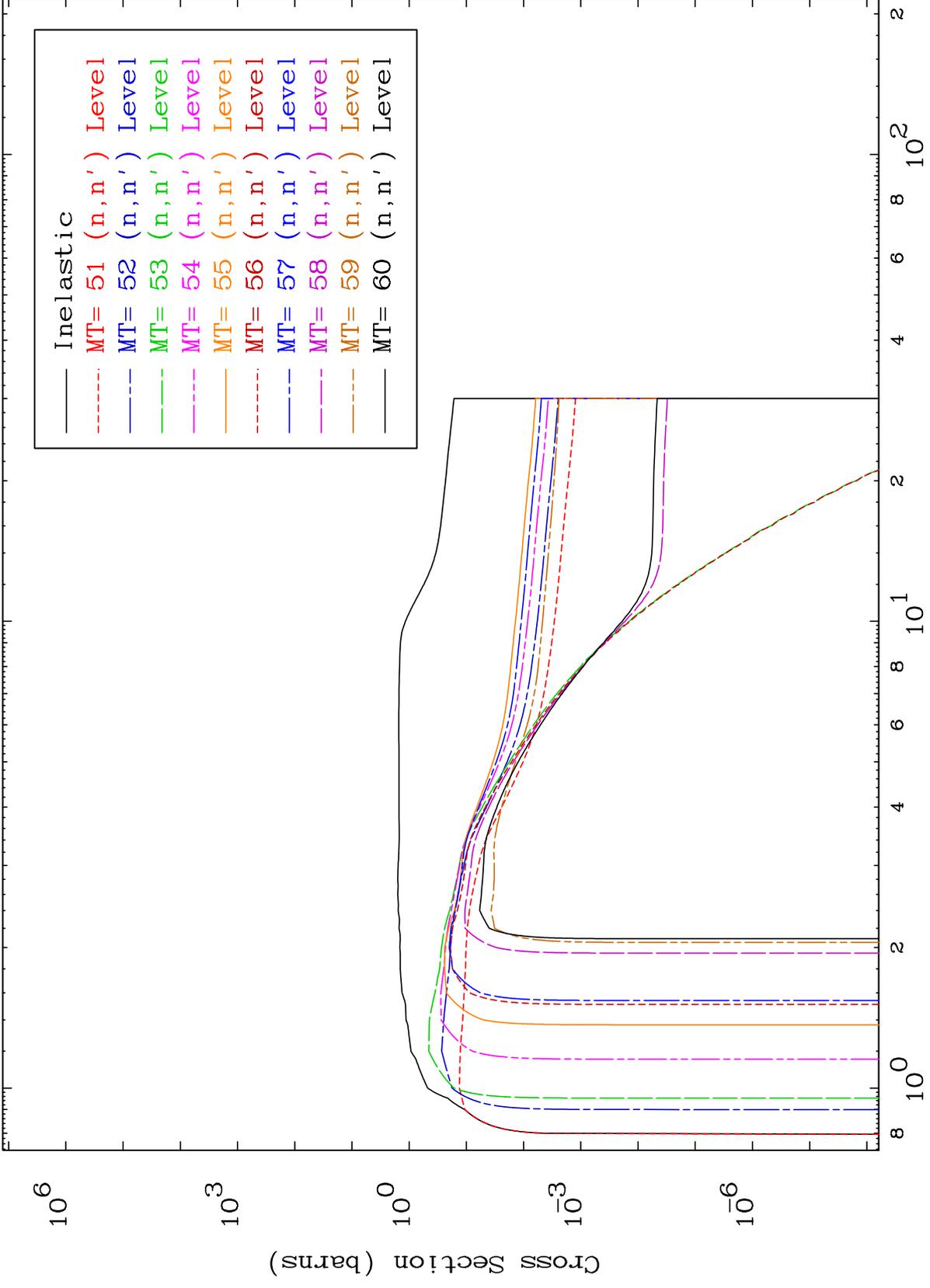


MAT 4422

(n,n') Level

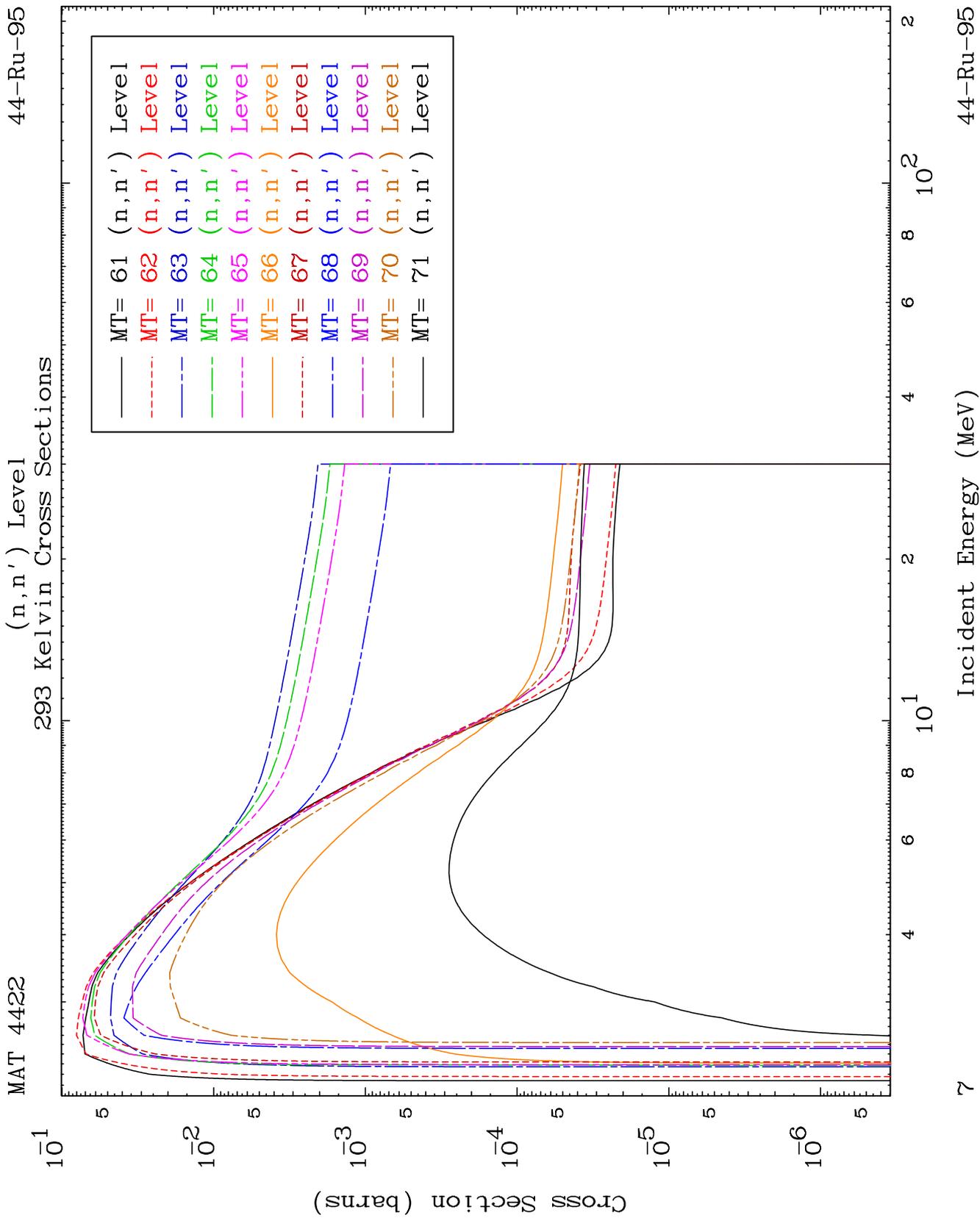
44-Ru-95

293 Kelvin Cross Sections



Incident Energy (MeV)

44-Ru-95

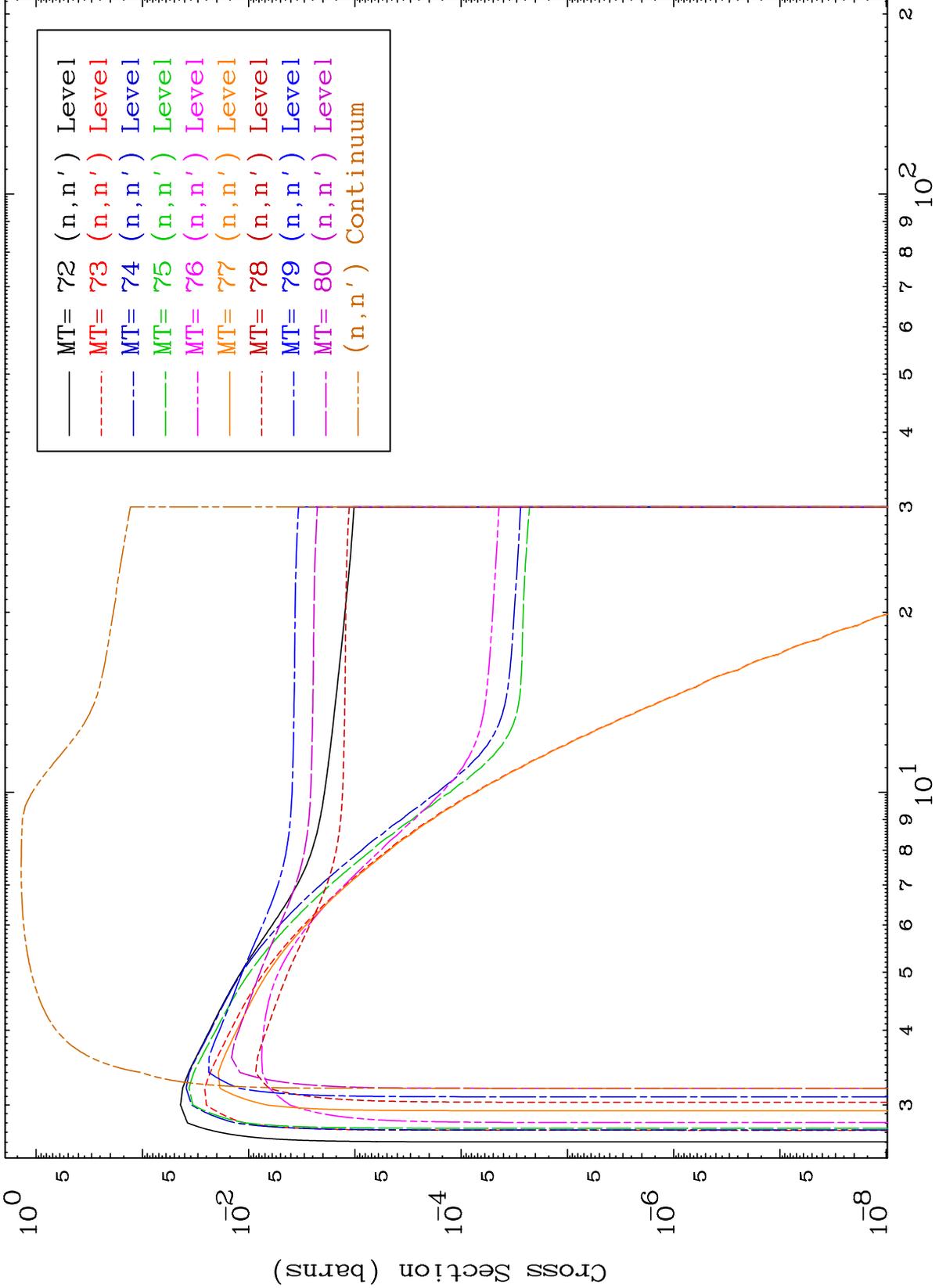


MAT 4422

(n,n') Level

44-Ru-95

293 Kelvin Cross Sections



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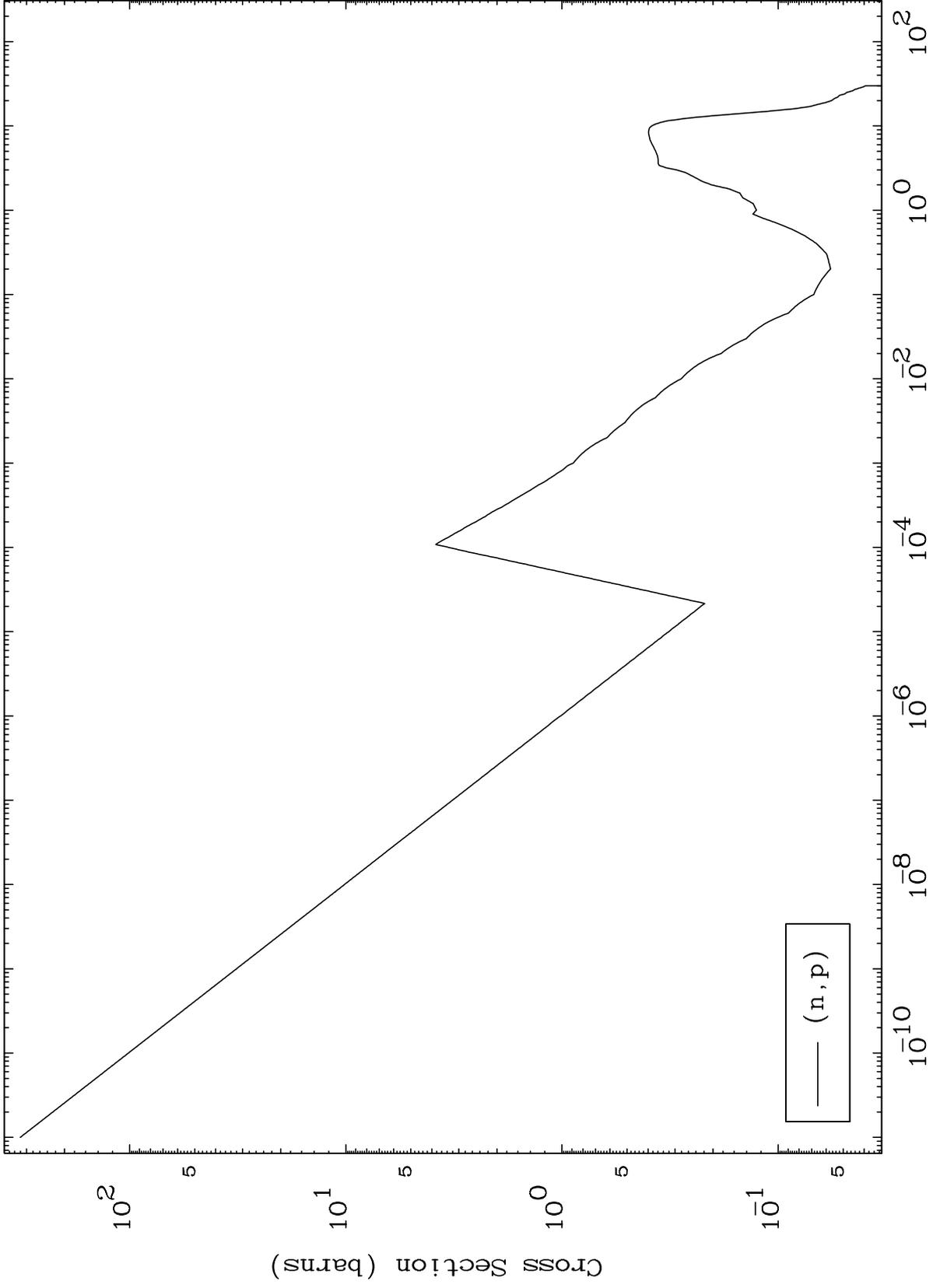
Incident Energy (MeV)

44-Ru-95

MAT 4422

(n,p) Levels  
293 Kelvin Cross Sections

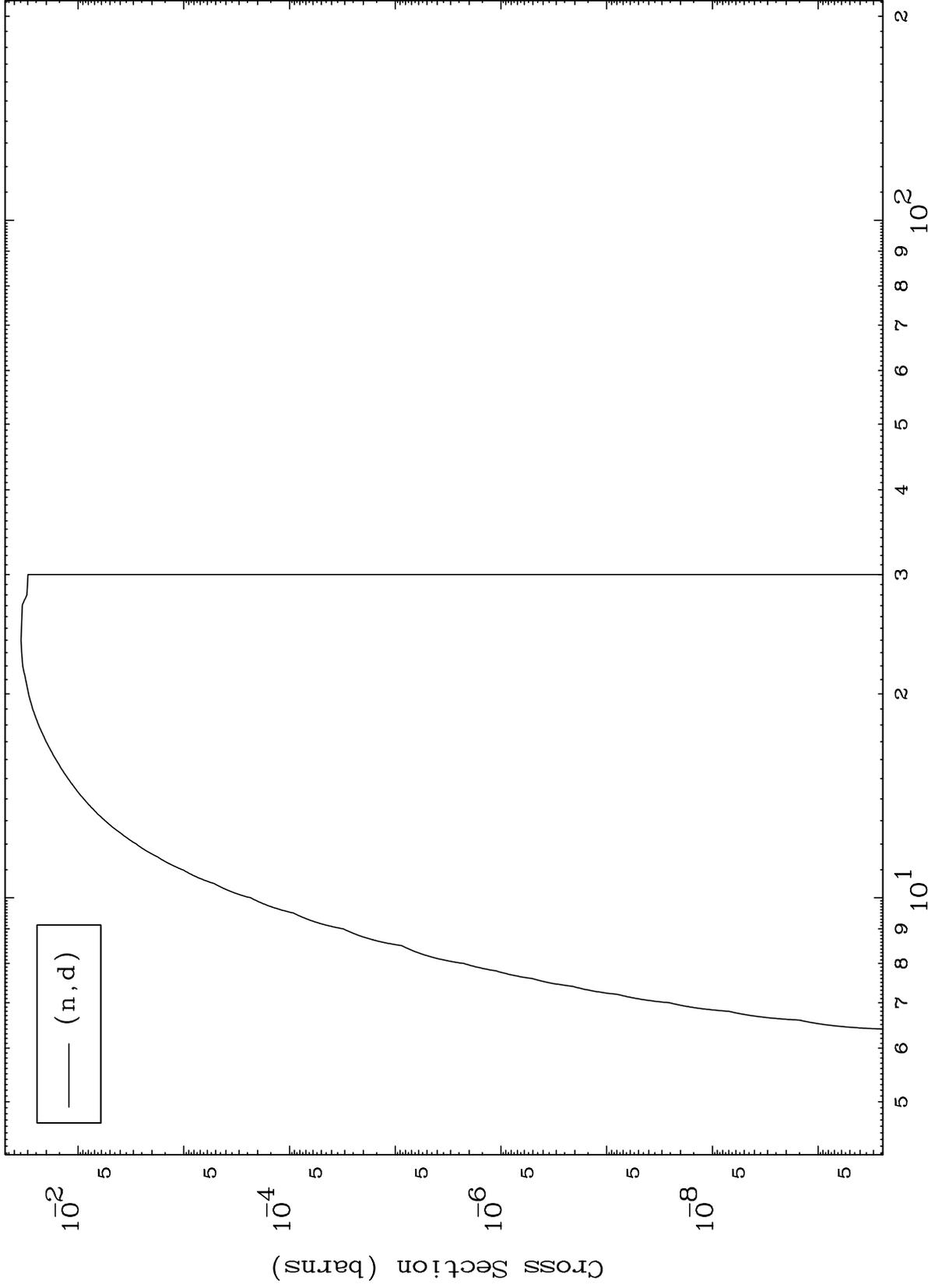
44-Ru-95



MAT 4422

(n,d) Levels  
293 Kelvin Cross Sections

44-Ru-95



10

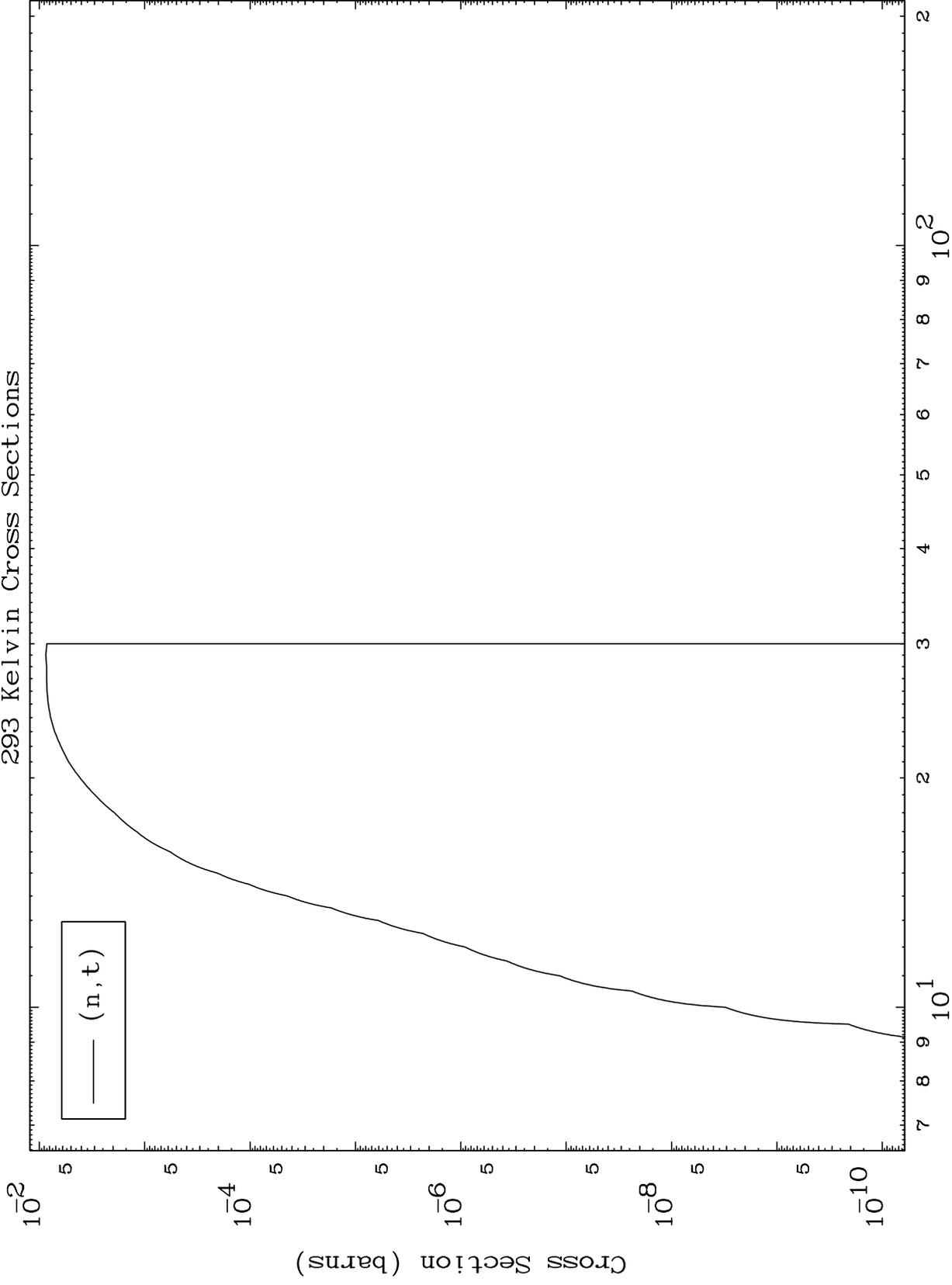
Incident Energy (MeV)

44-Ru-95

MAT 4422

(n,t) Levels  
293 Kelvin Cross Sections

44-Ru-95



11

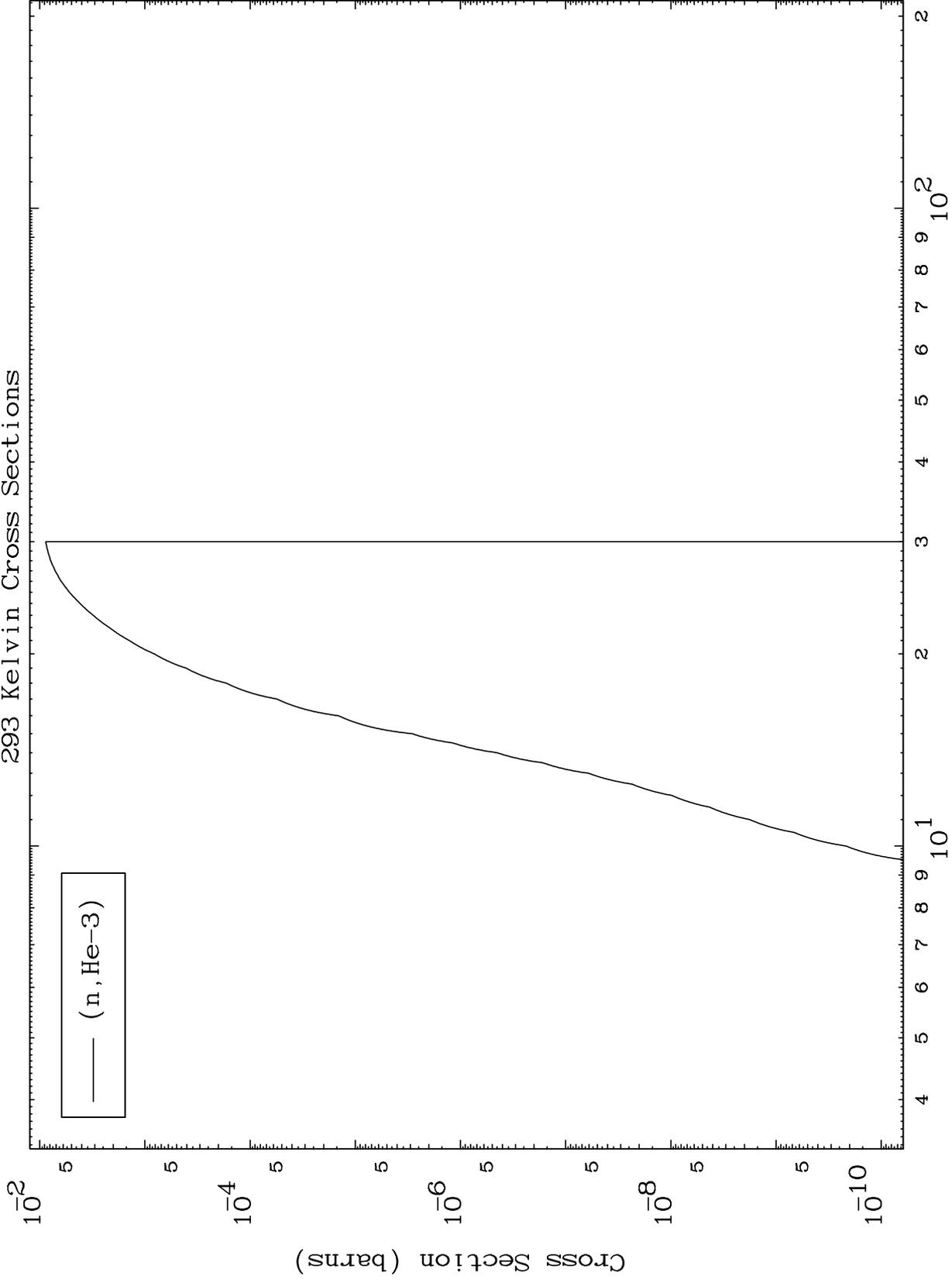
Incident Energy (MeV)

44-Ru-95

MAT 4422

(n,He3) Levels  
293 Kelvin Cross Sections

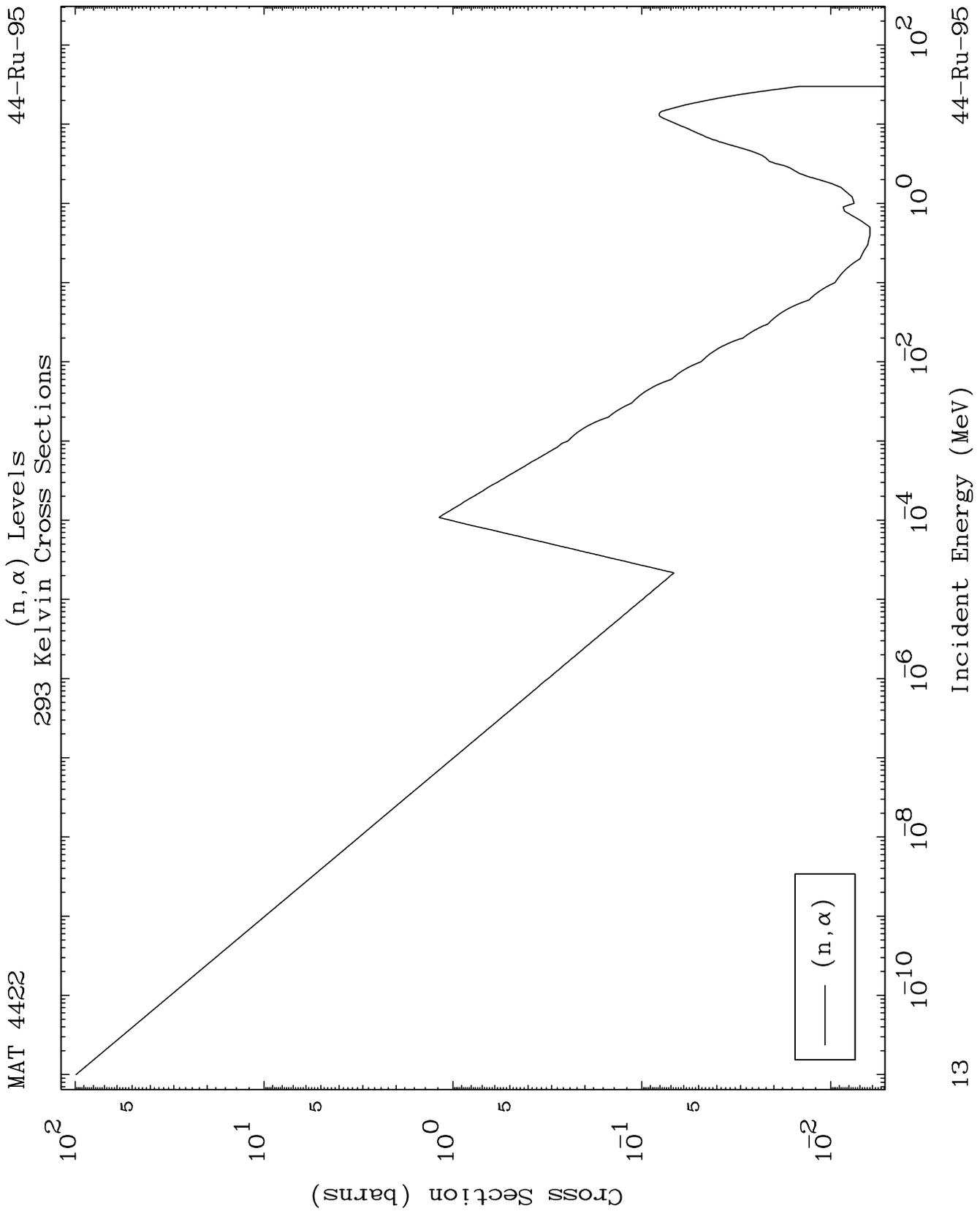
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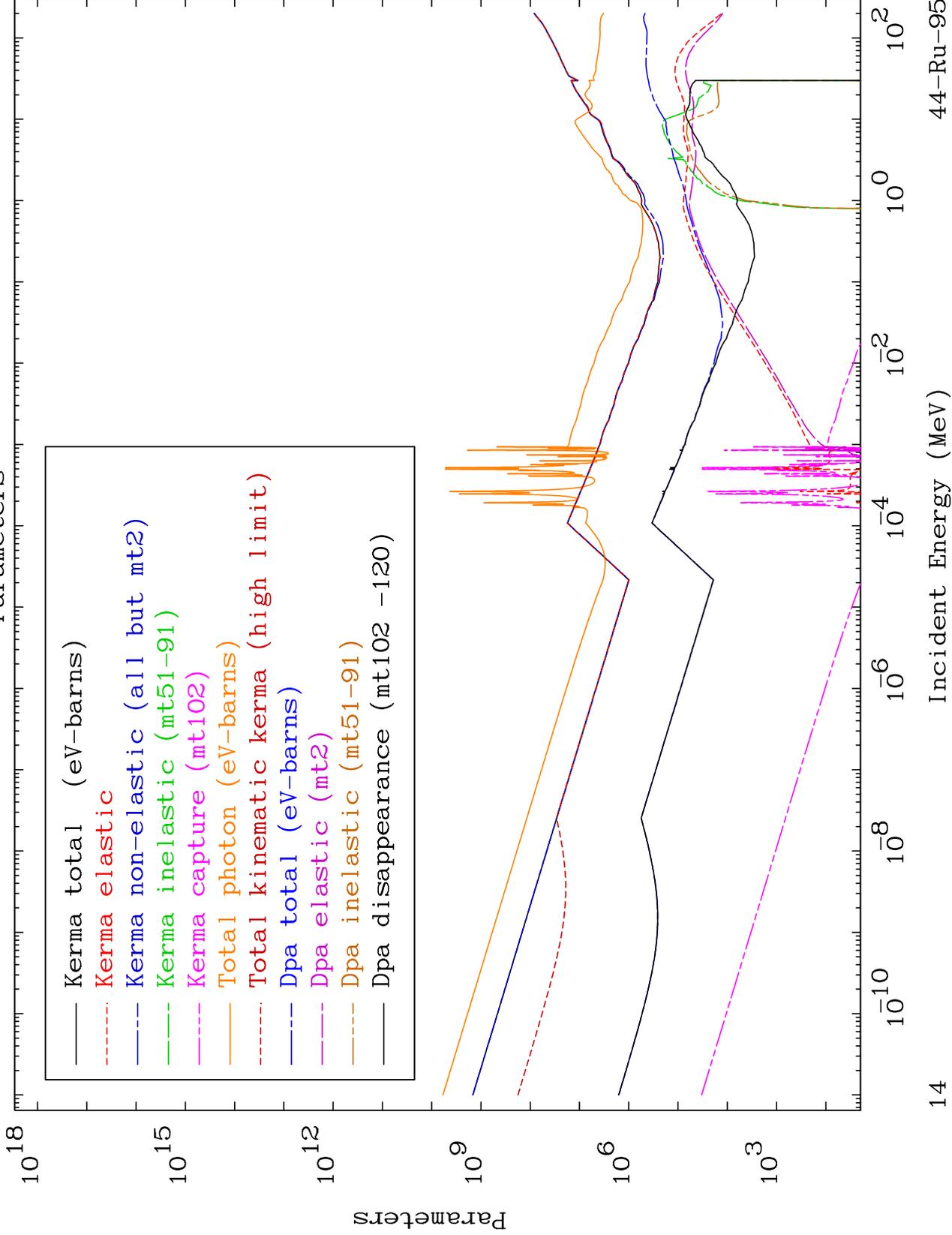


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Incident Energy (MeV)

44-Ru-95

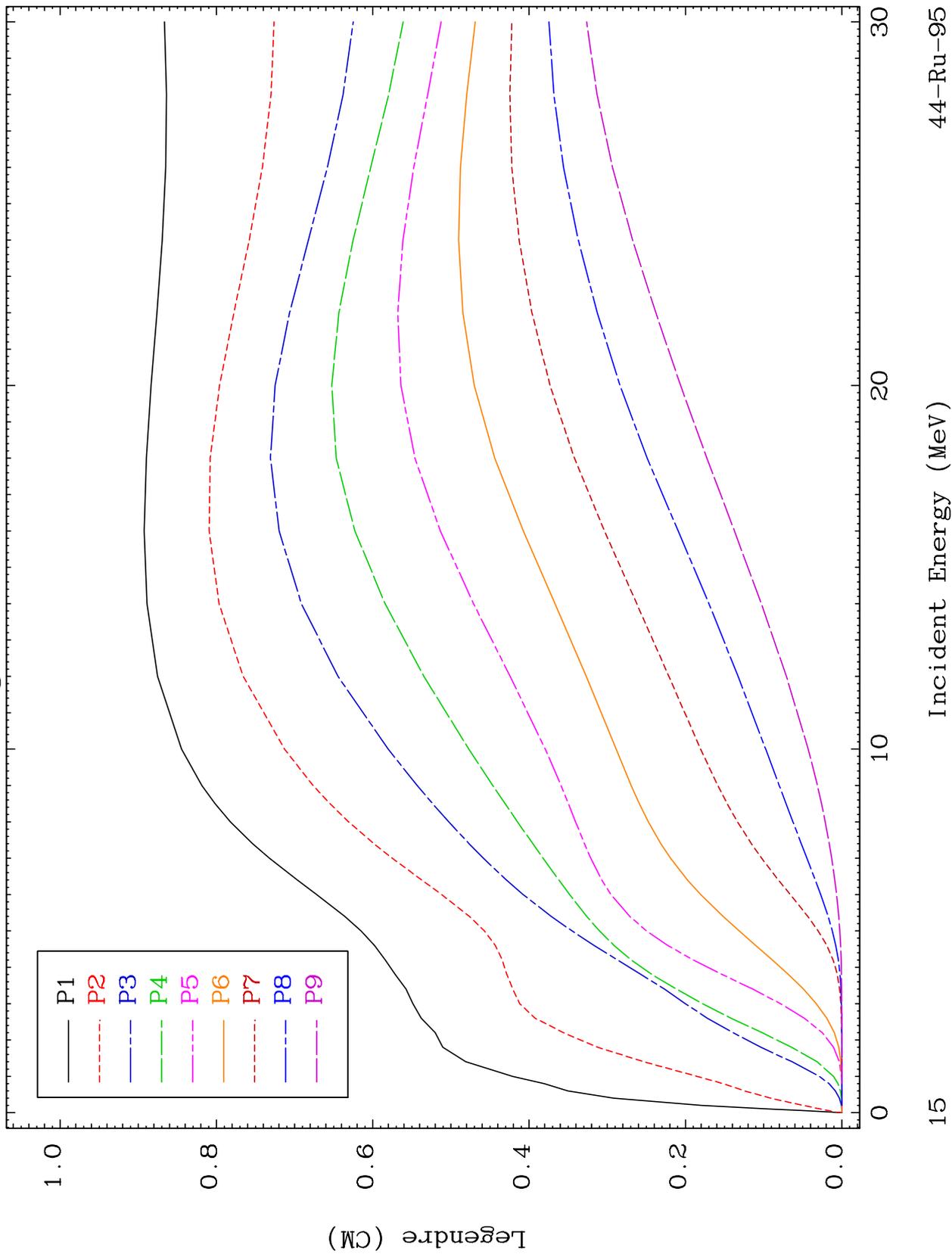




MAT 4422

Elastic Legendre Coefficients

44-Ru-95



15

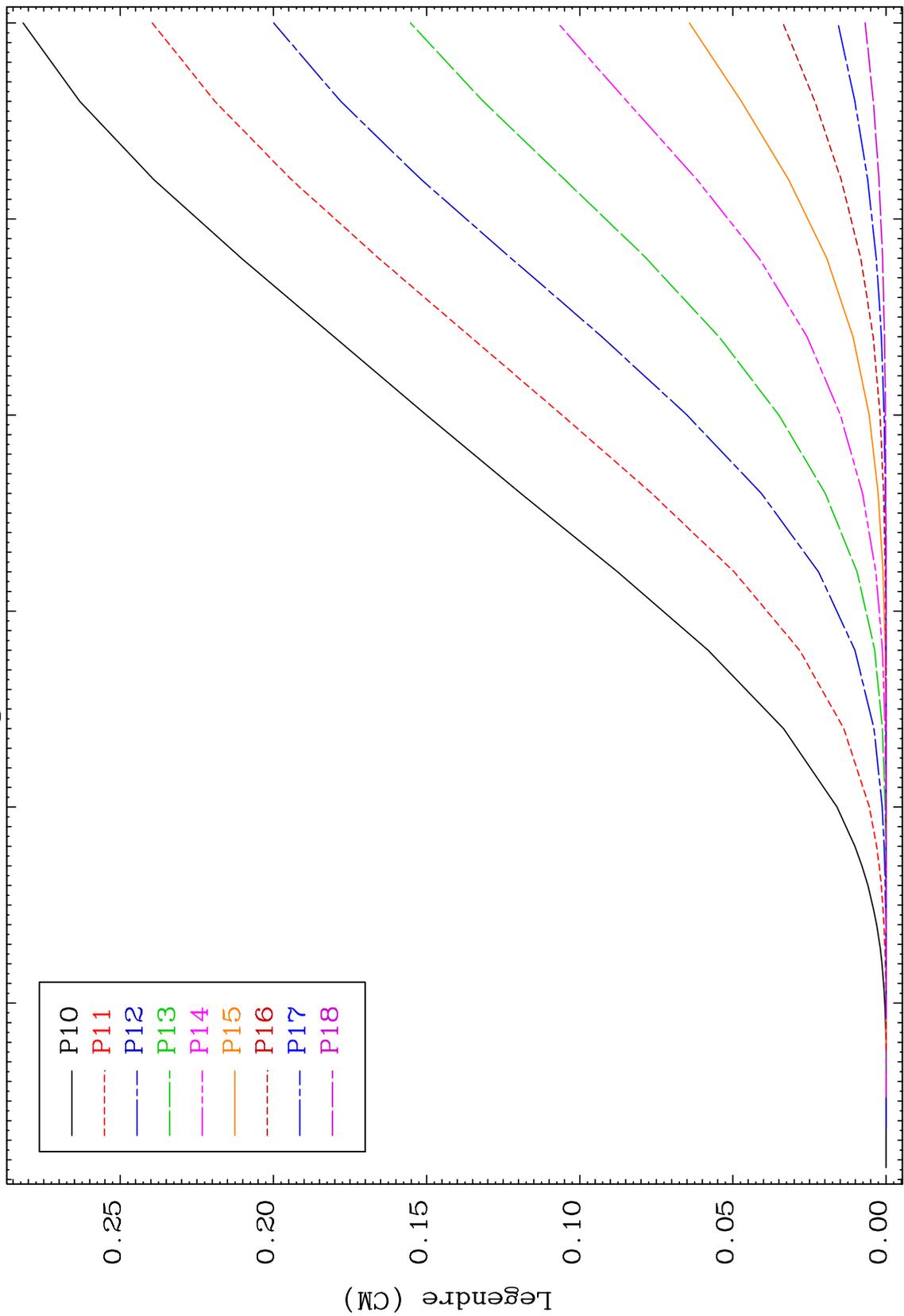
Incident Energy (MeV)

44-Ru-95

MAT 4422

### Elastic Legendre Coefficients

44-Ru-95



16

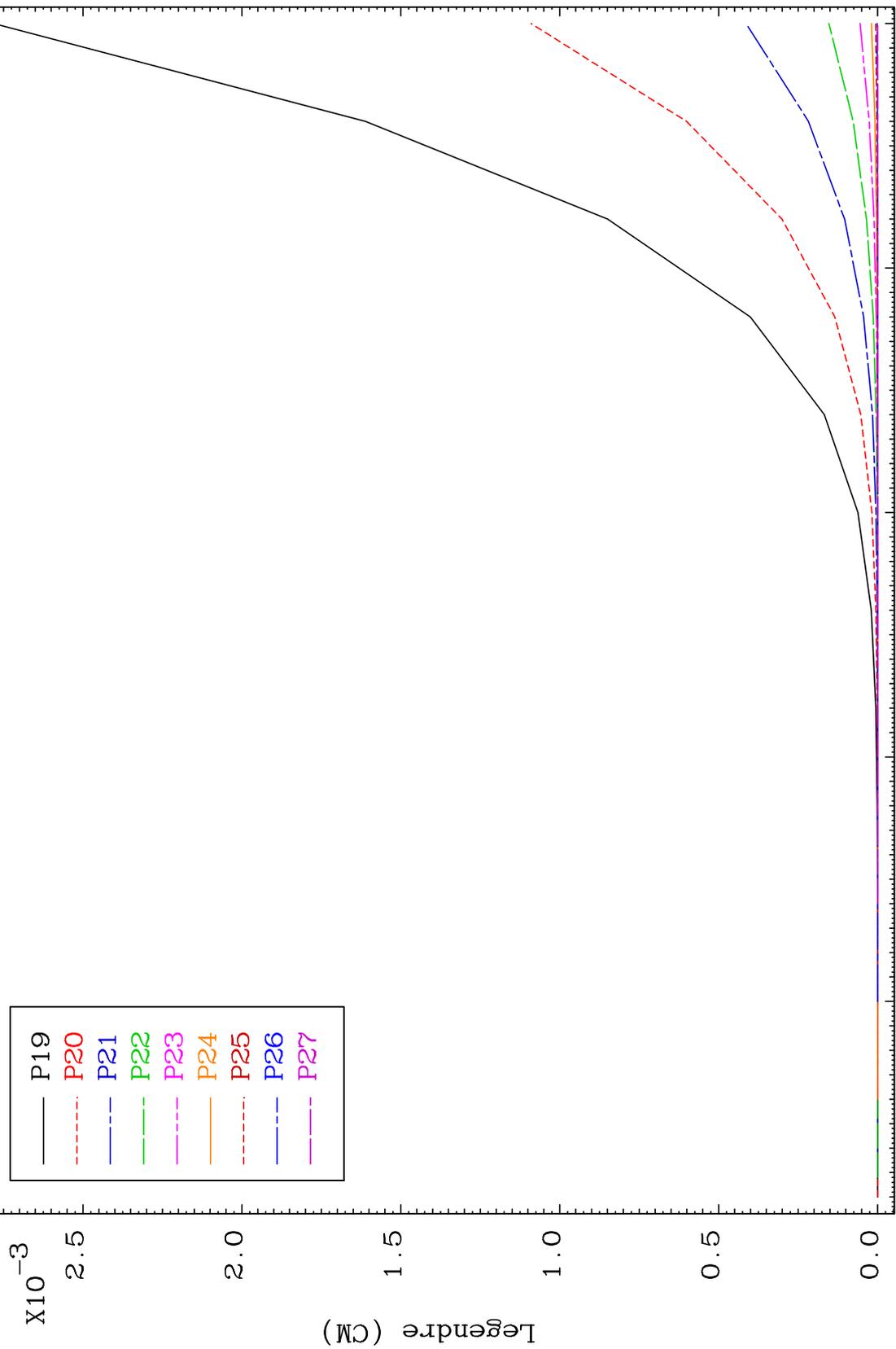
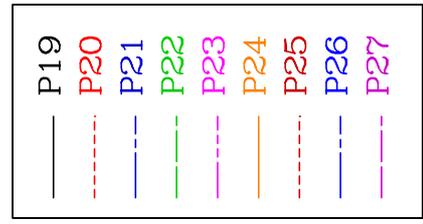
Incident Energy (MeV)

44-Ru-95

MAT 4422

Elastic  
Legendre Coefficients

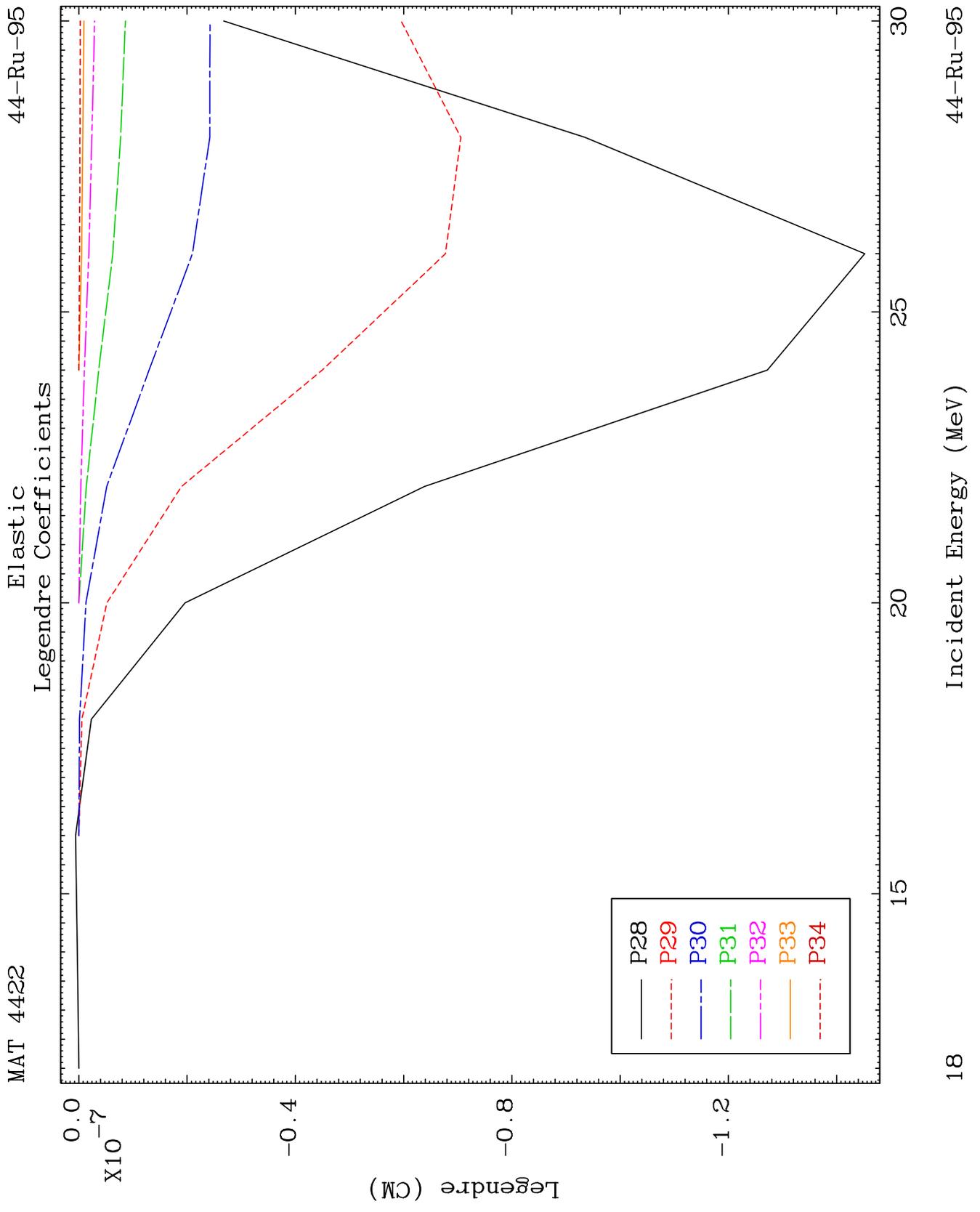
44-Ru-95



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Incident Energy (MeV)

44-Ru-95

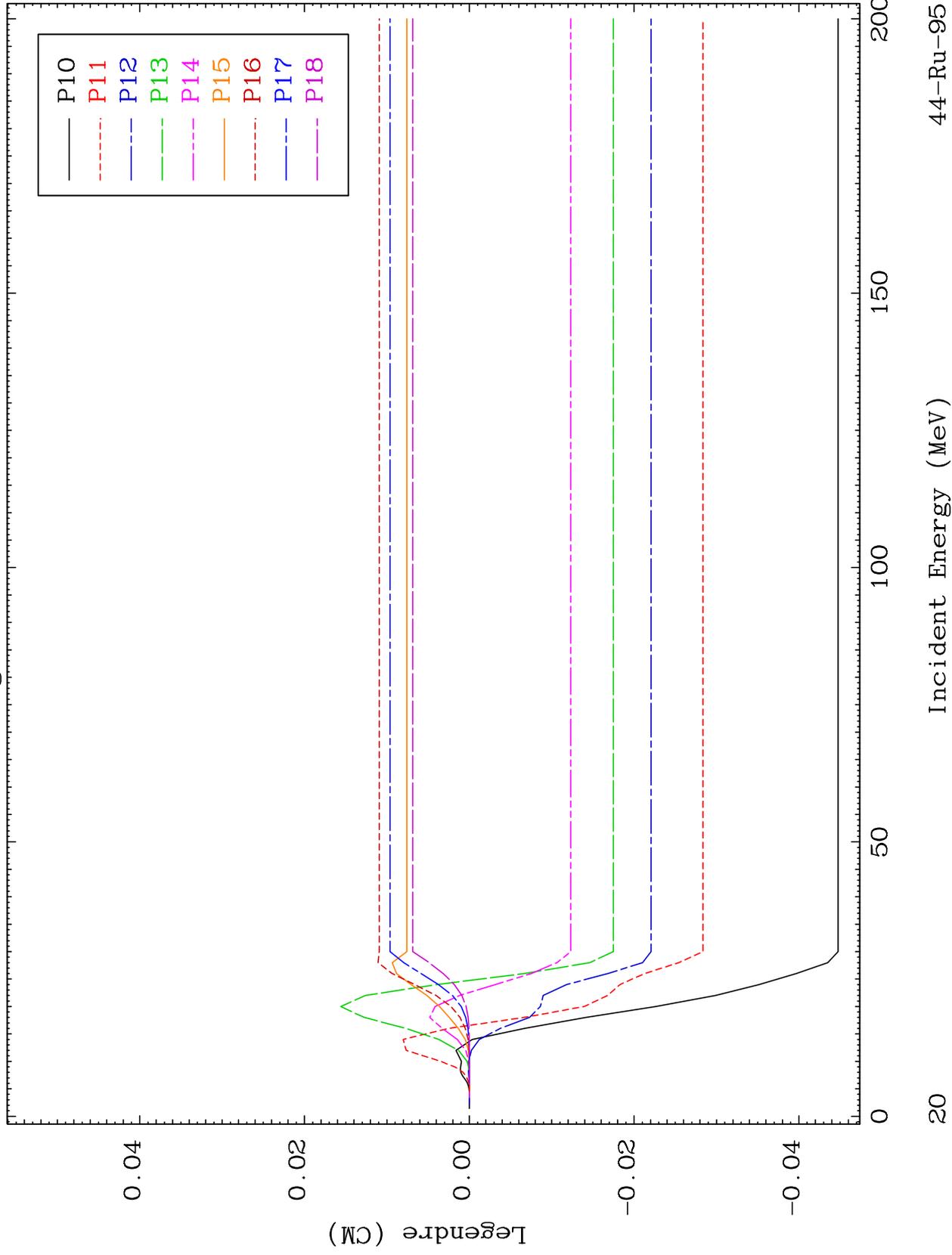




MAT 4422

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

44-Ru-95



44-Ru-95

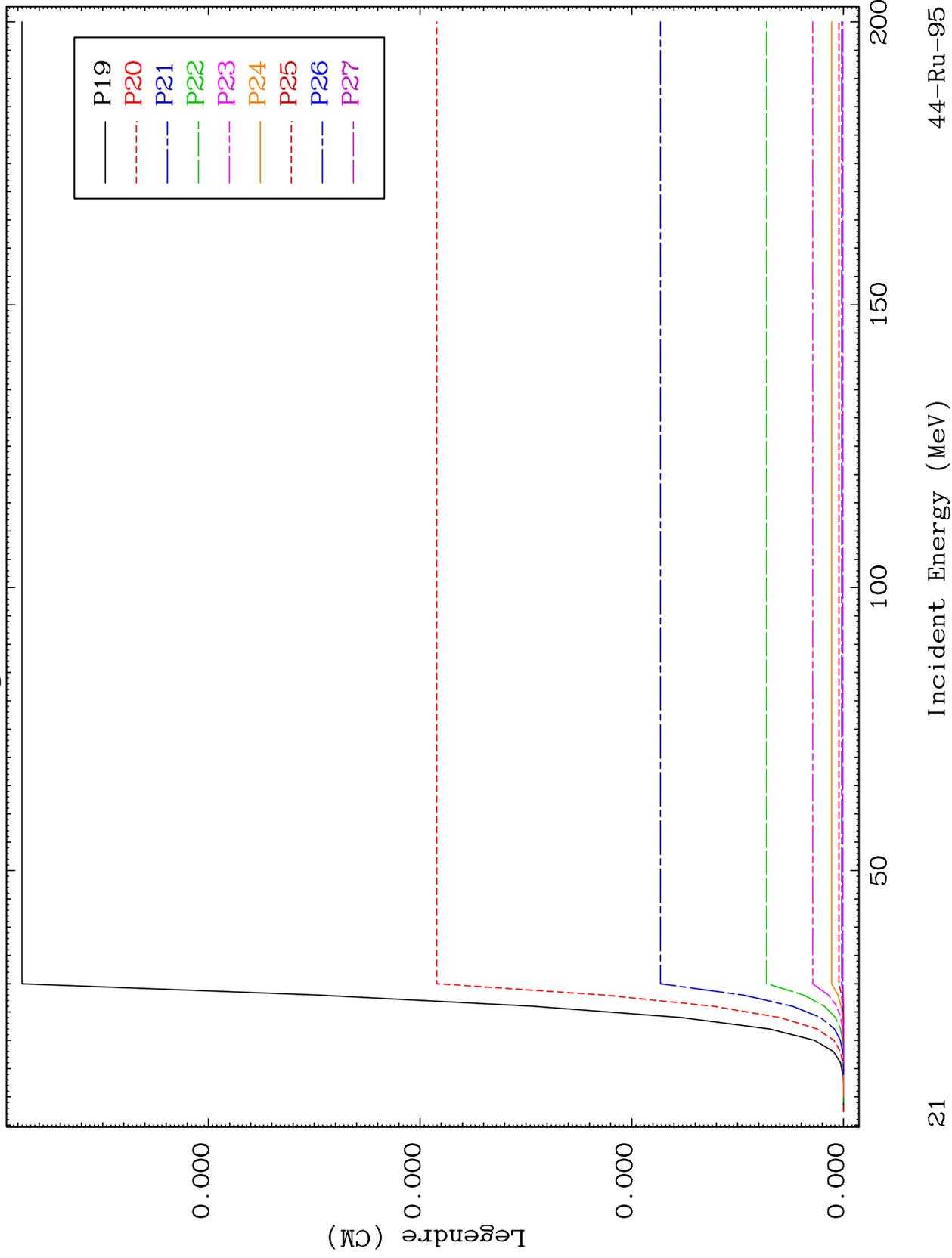
Incident Energy (MeV)

20

MAT 4422

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

44-Ru-95



21

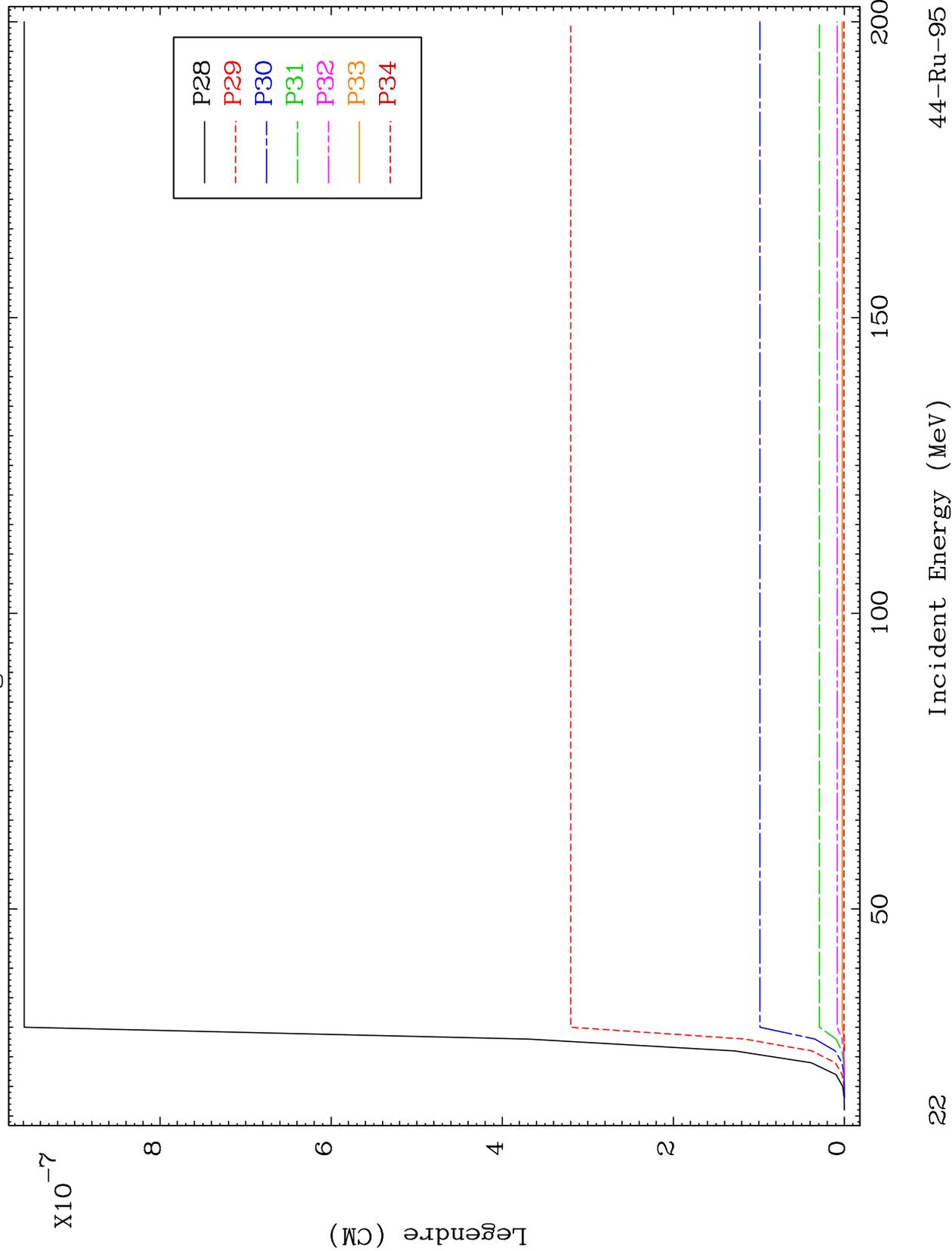
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

44-Ru-95



22

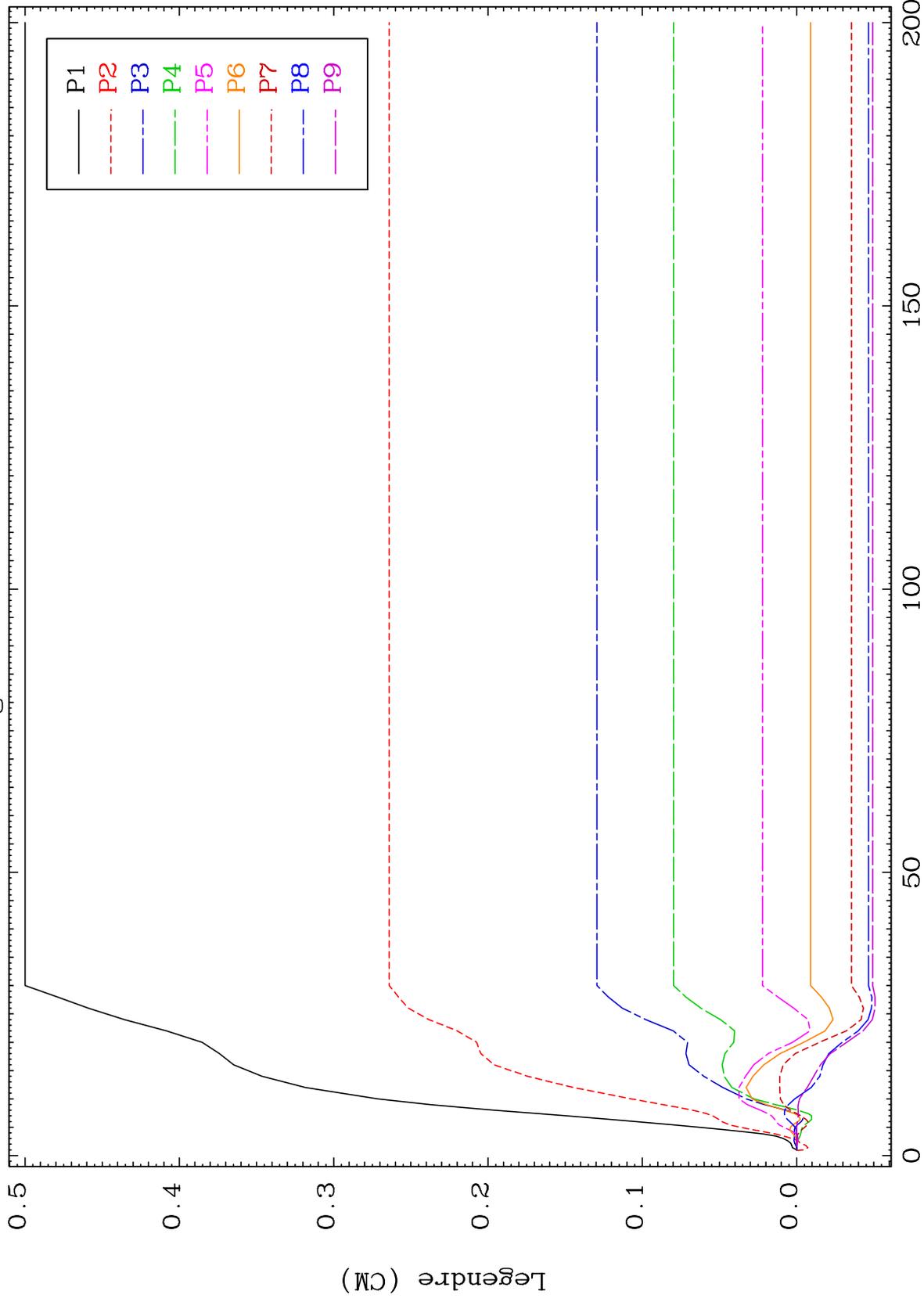
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

44-Ru-95



23

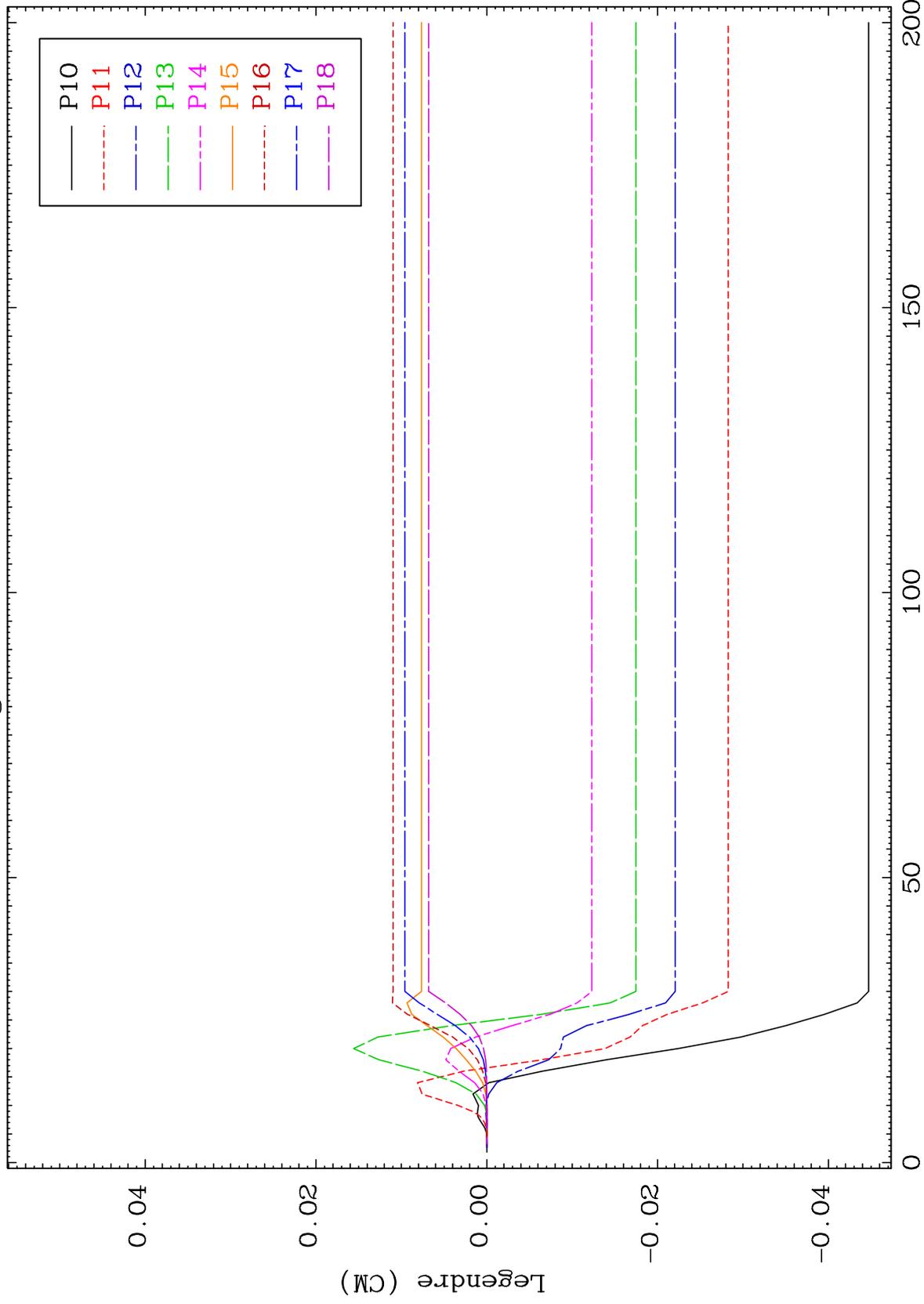
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

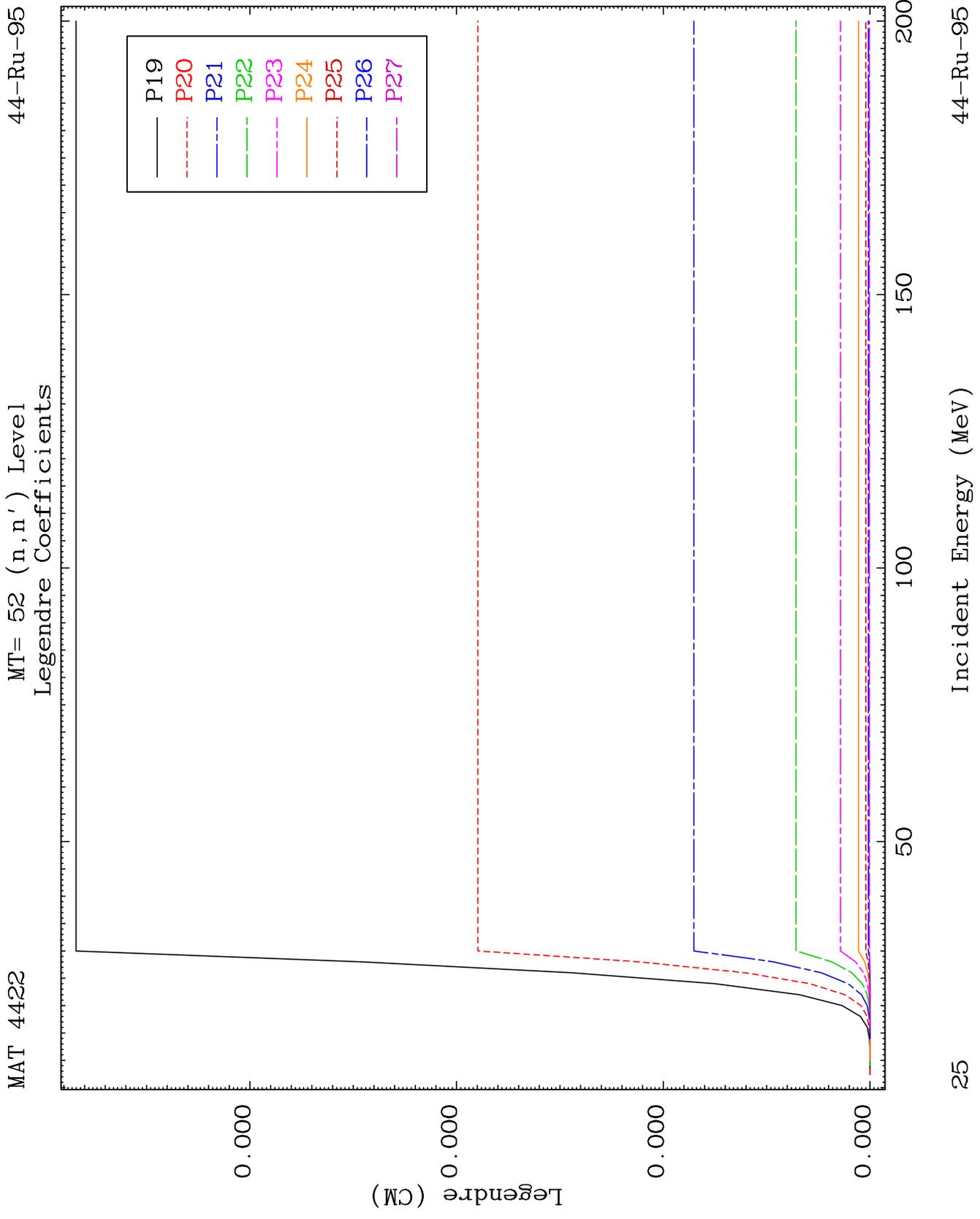
44-Ru-95



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Incident Energy (MeV)

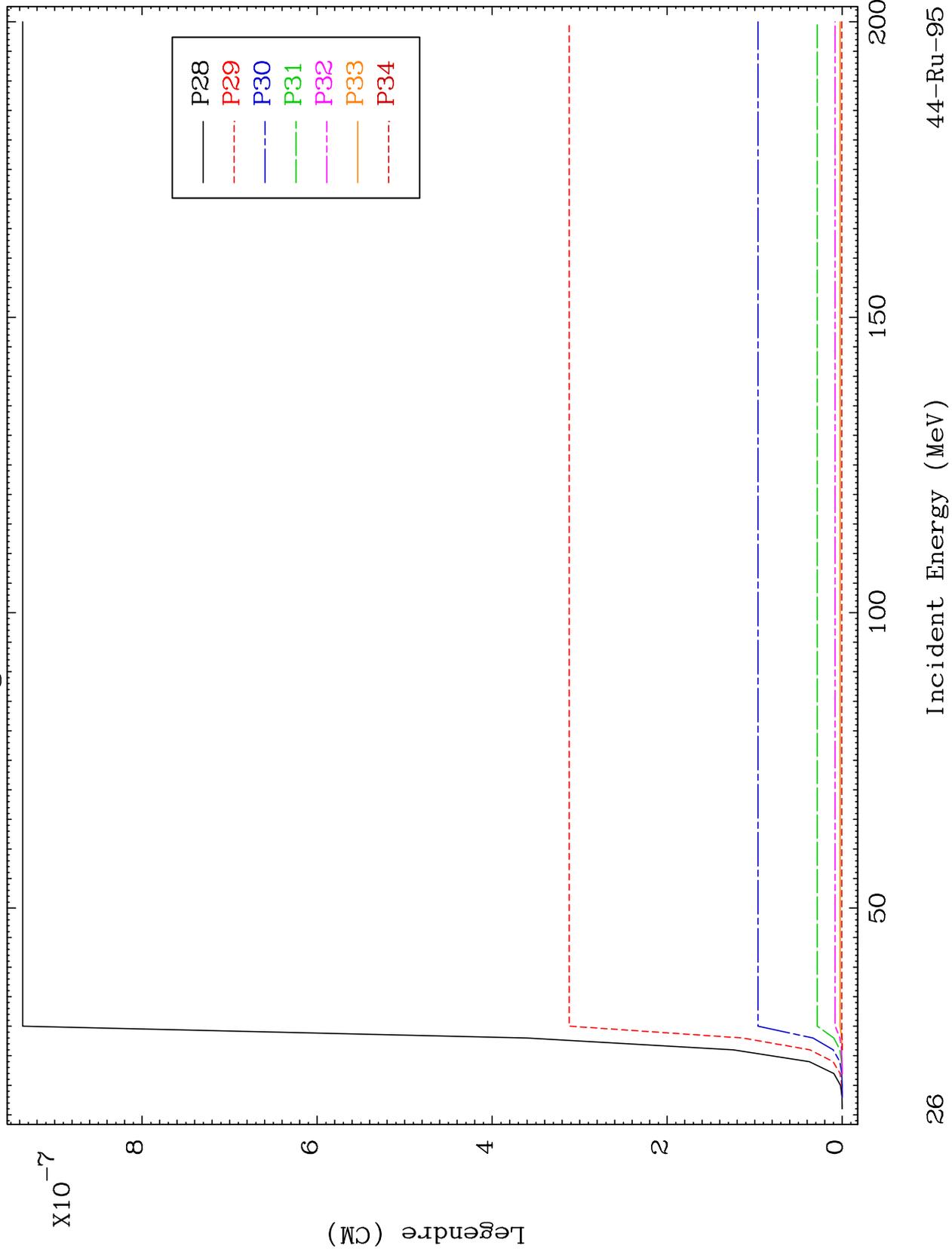
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MAT 4422

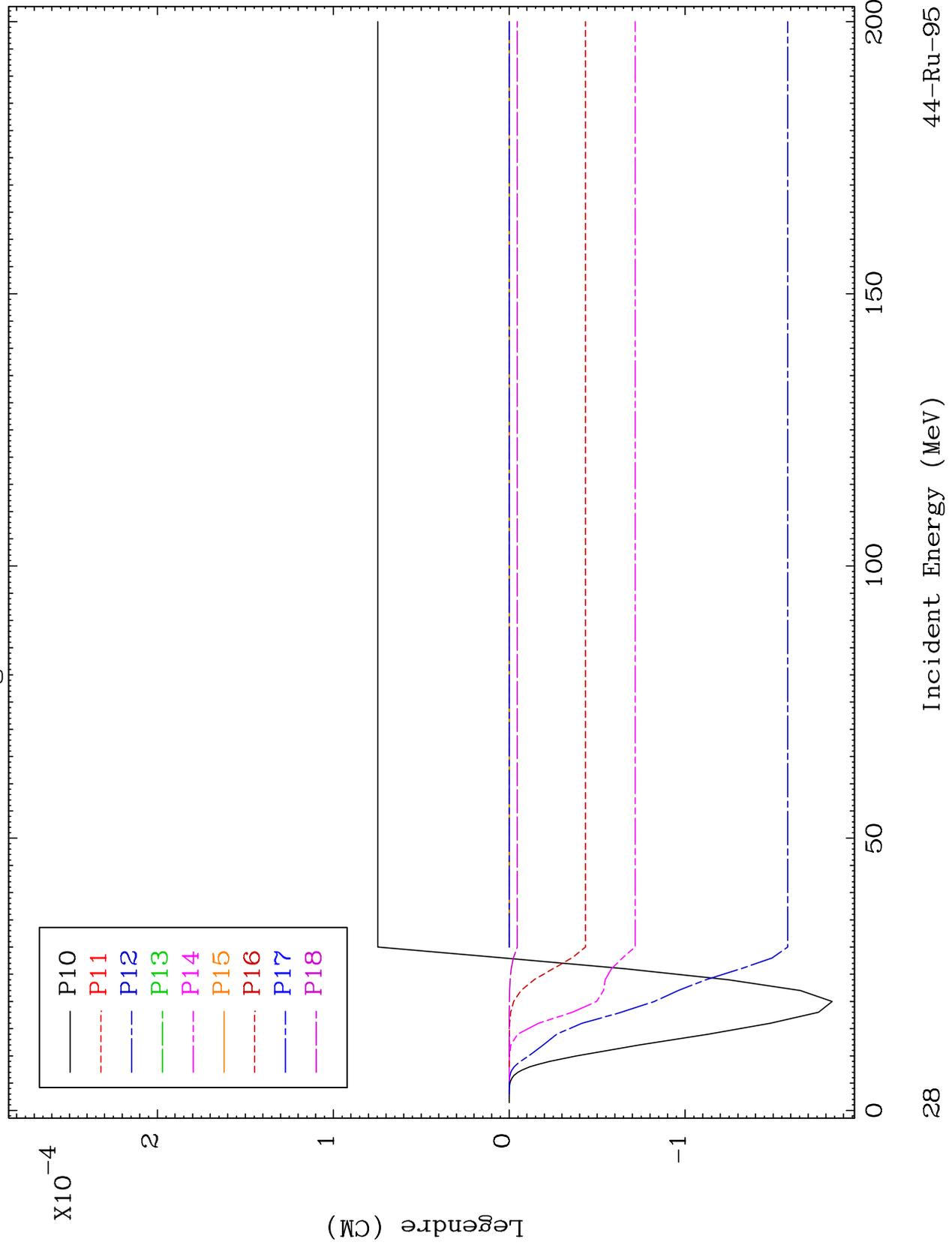
MT= 52 (n,n') Level  
Legendre Coefficients

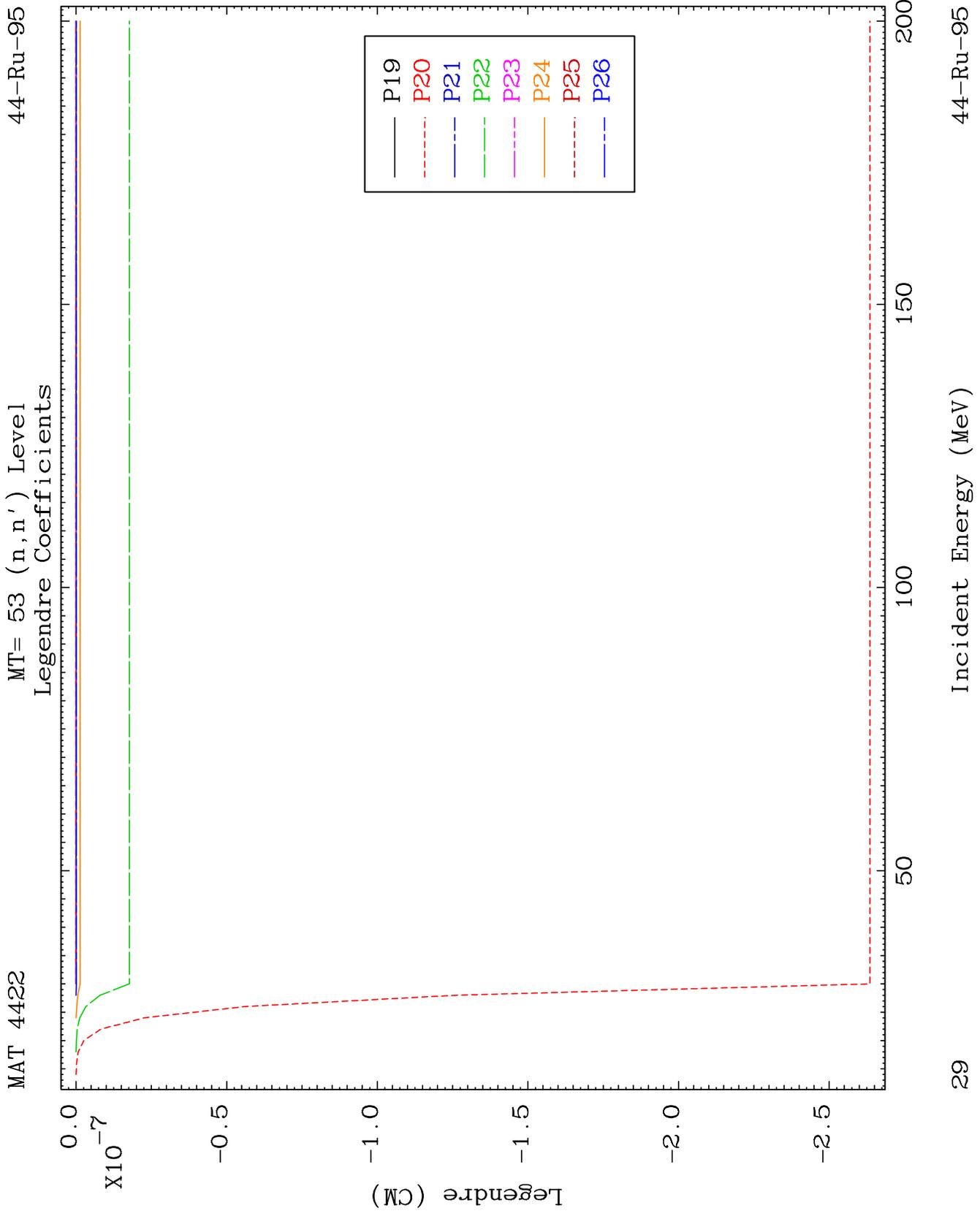
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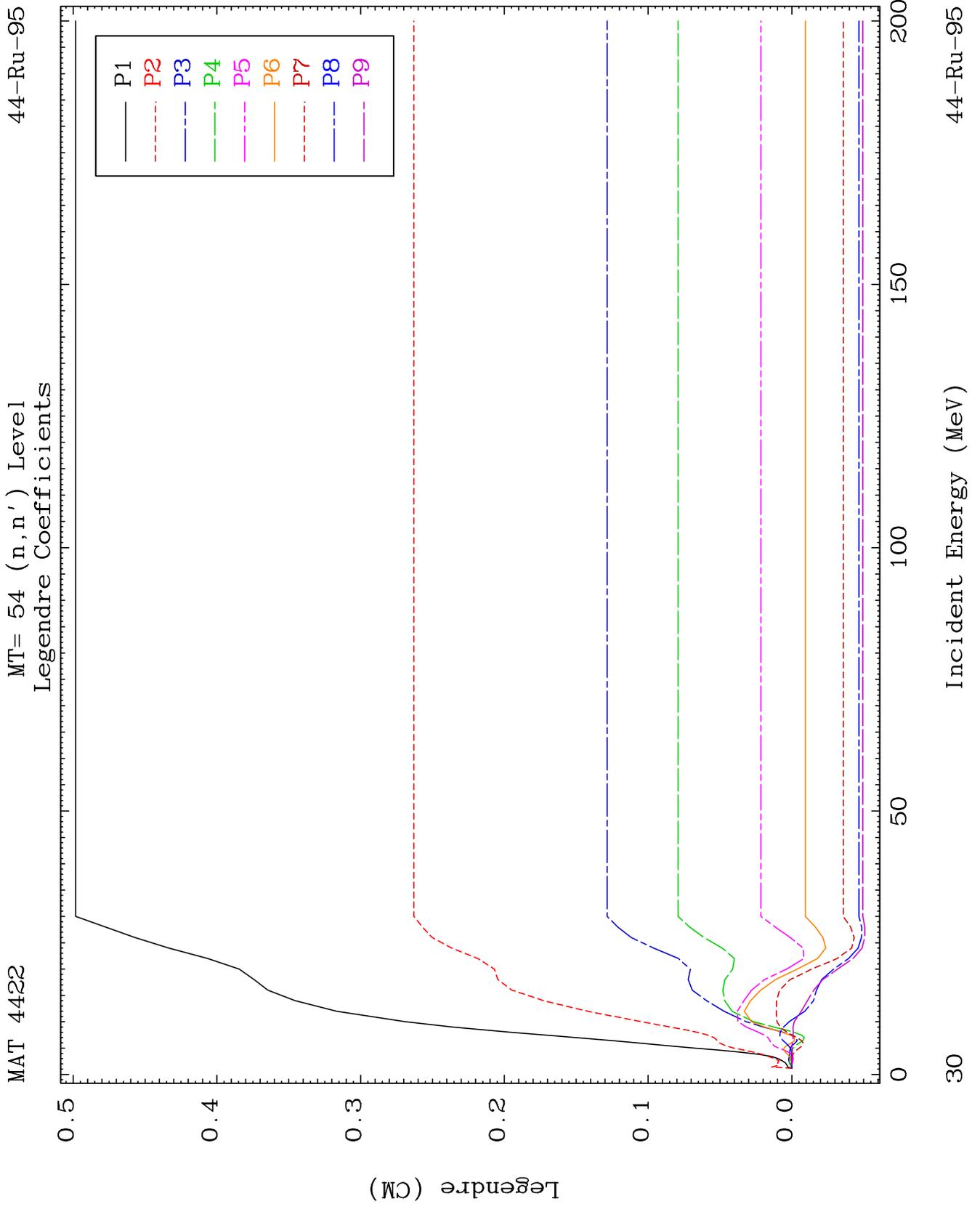


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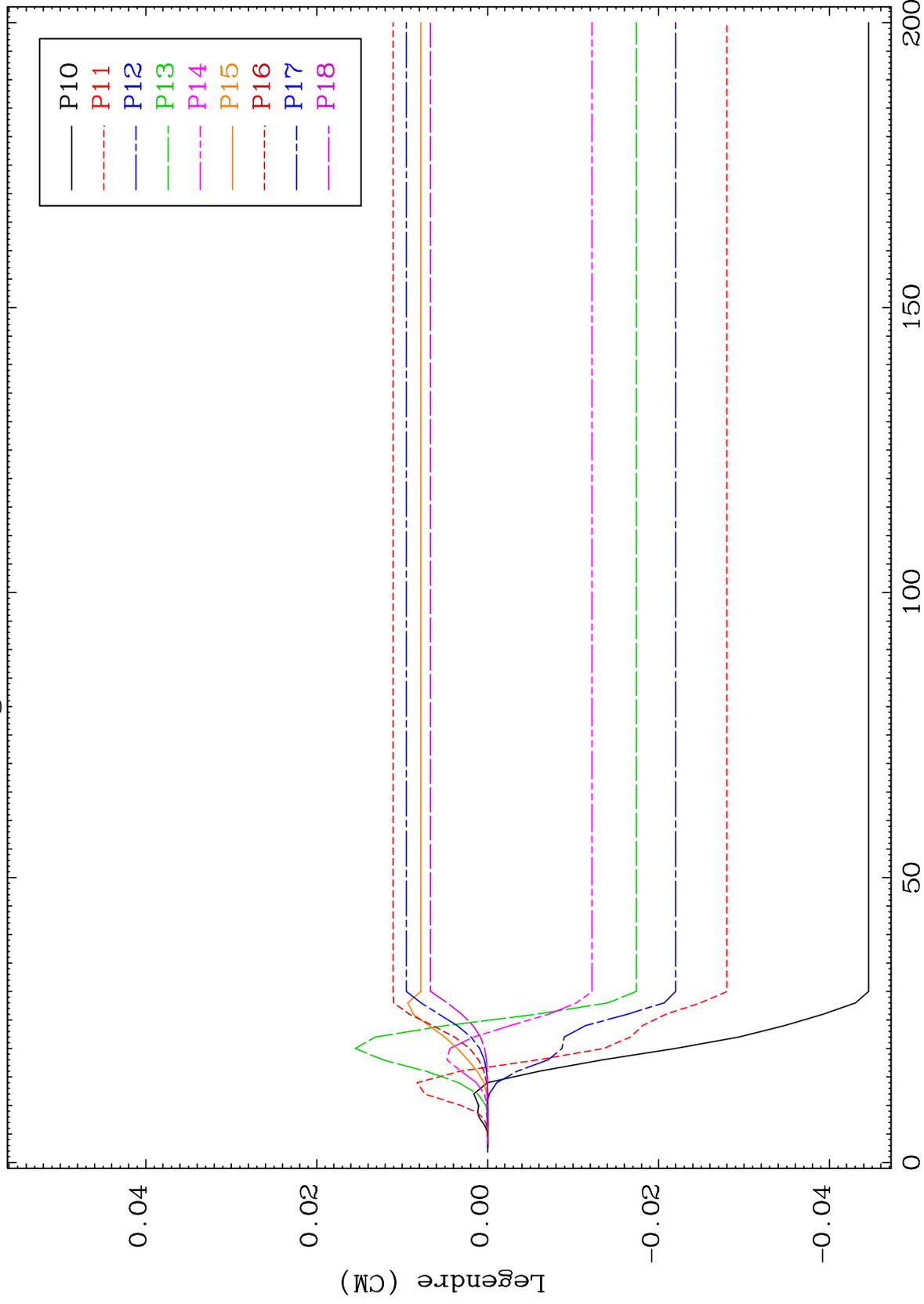




MAT 4422

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

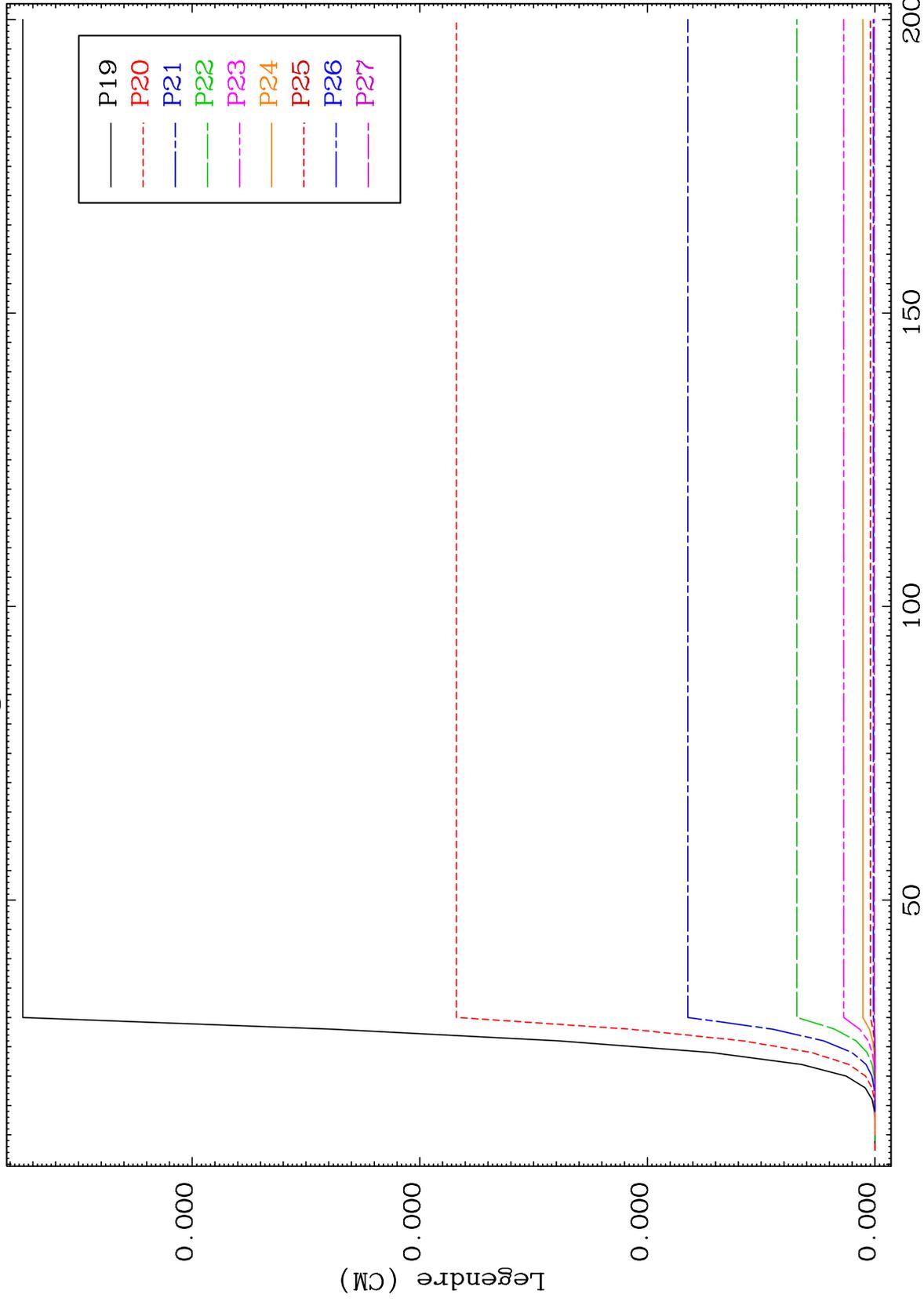
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MAT 4422

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

44-Ru-95



32

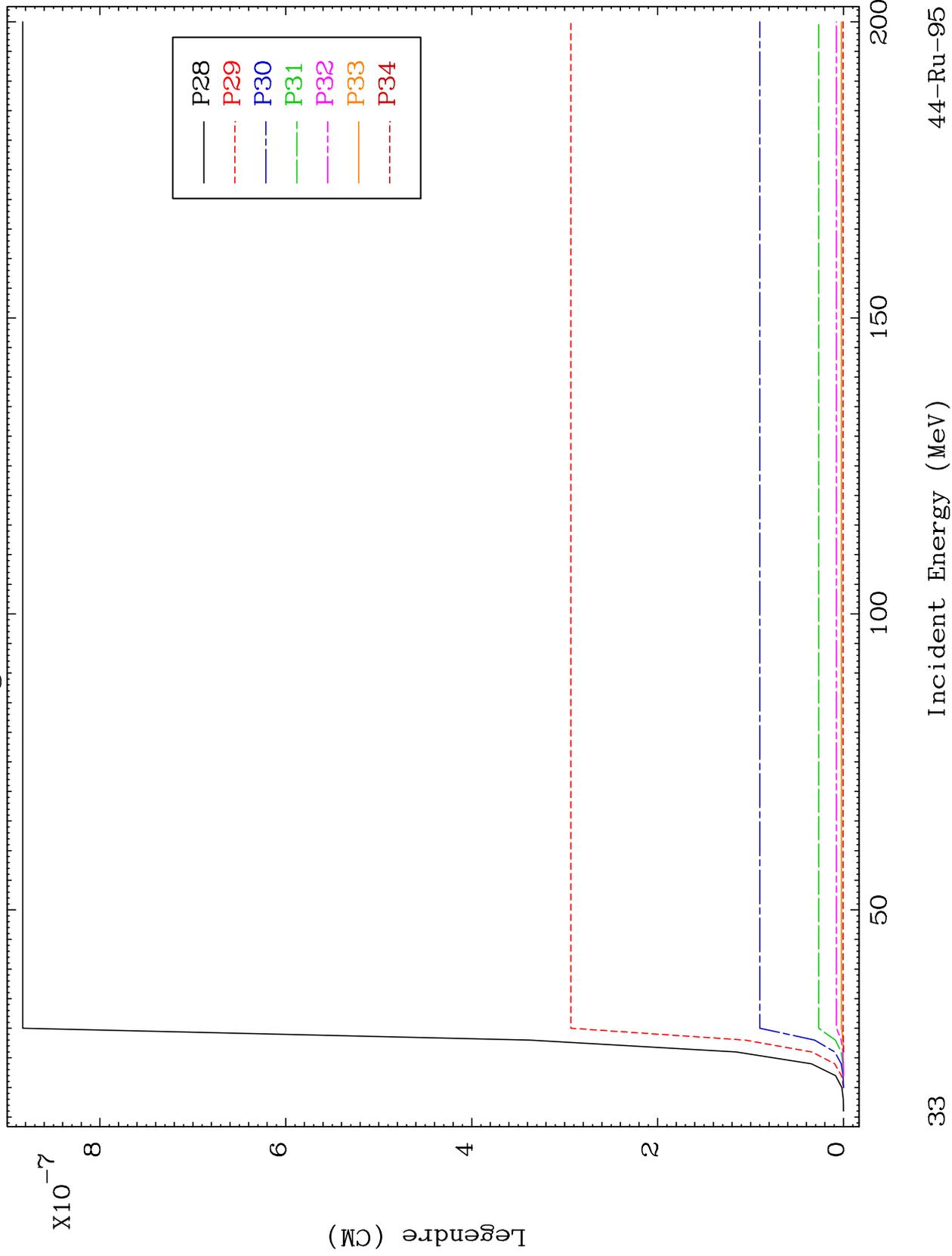
Incident Energy (MeV)

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MAT 4422

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

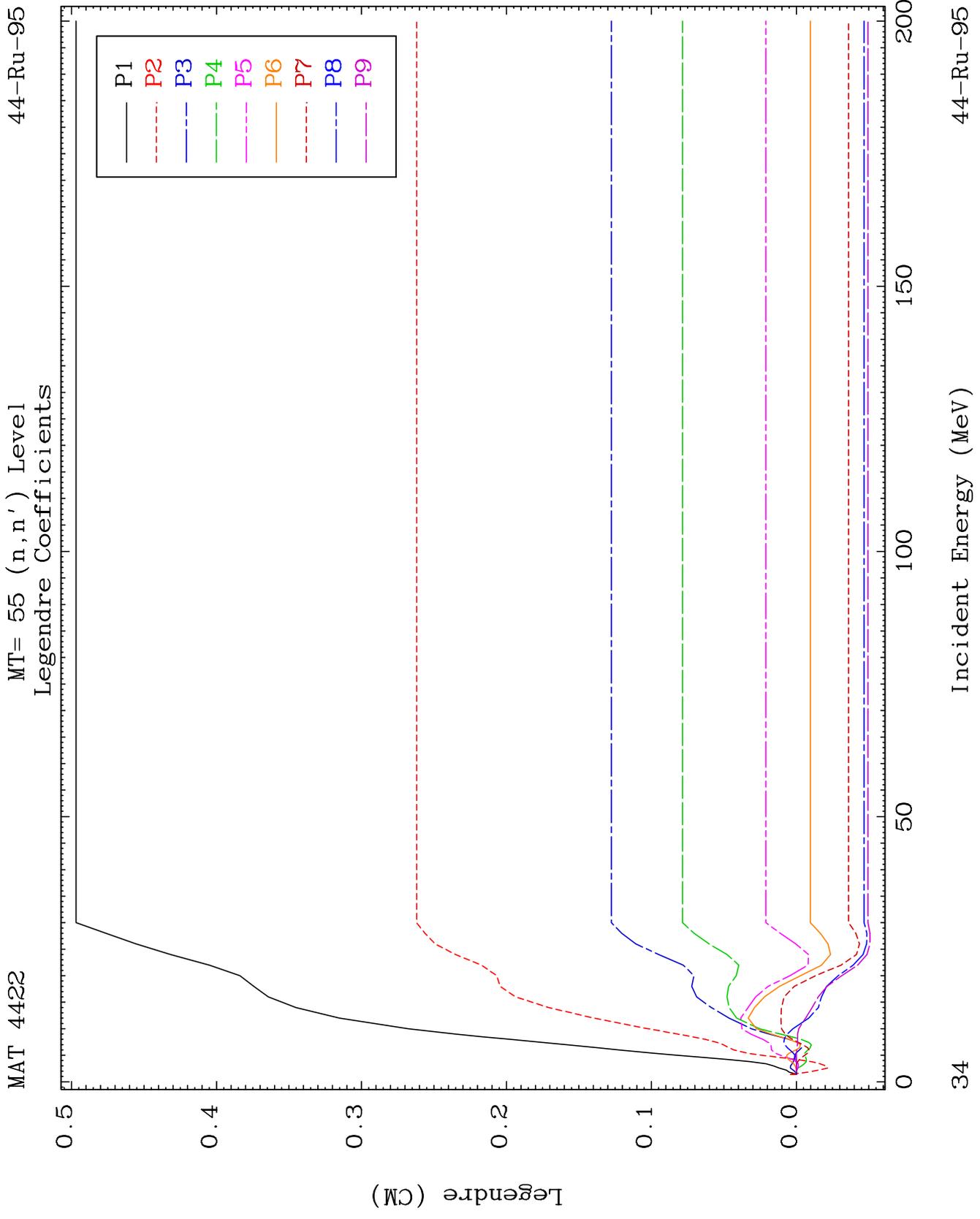
44-Ru-95



33

Incident Energy (MeV)

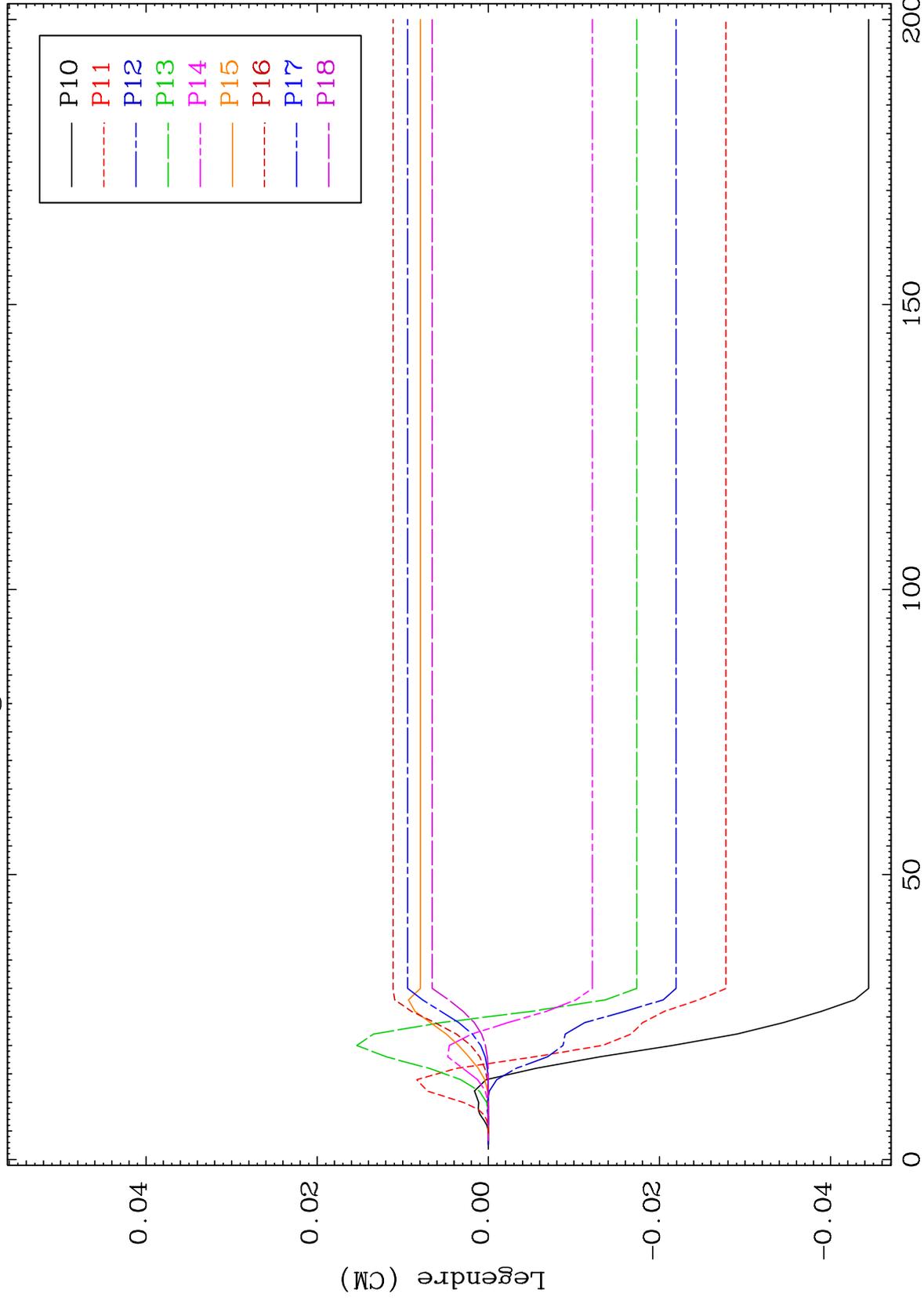
44-Ru-95



MAT 4422

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

44-Ru-95



35

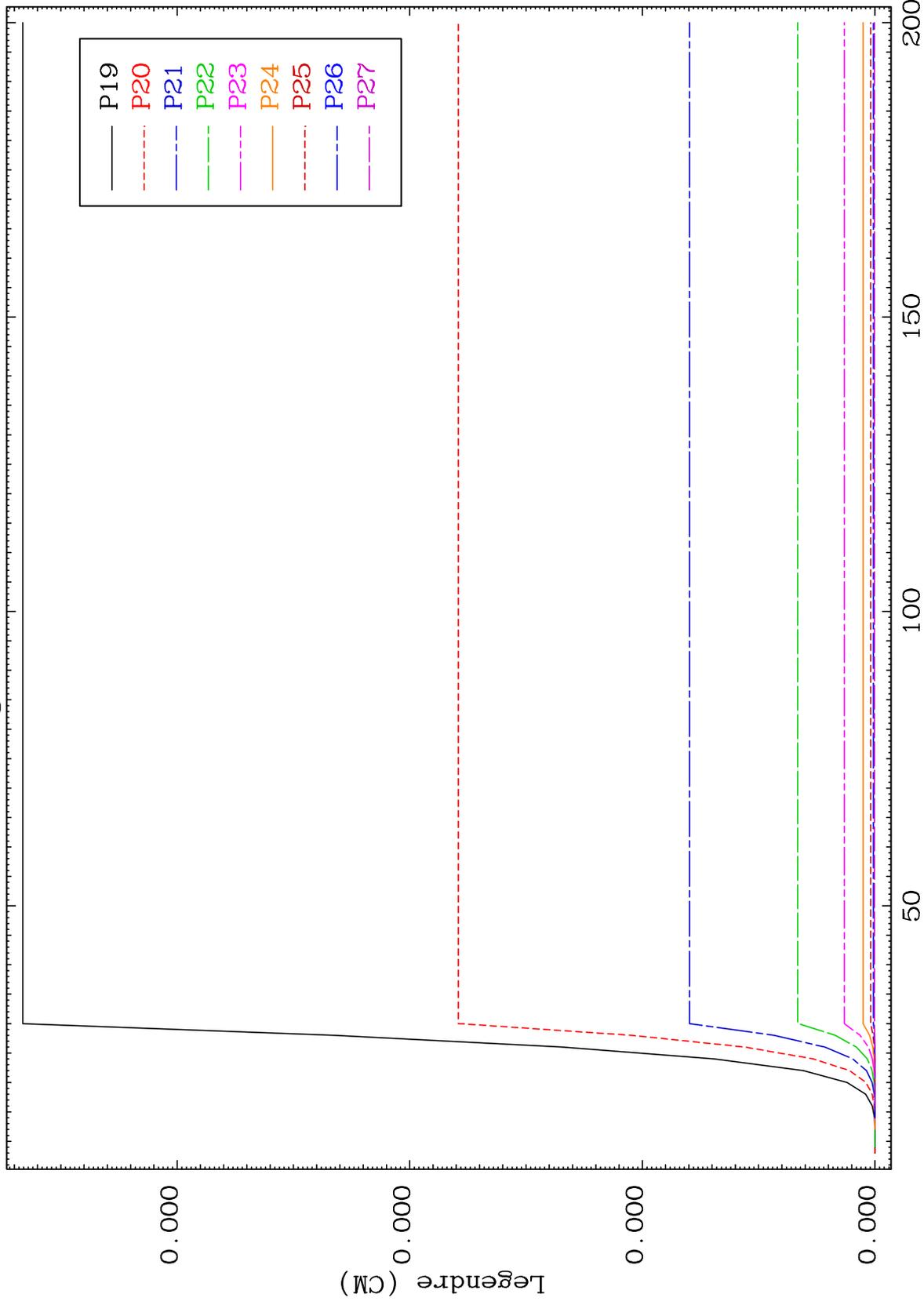
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

44-Ru-95



36

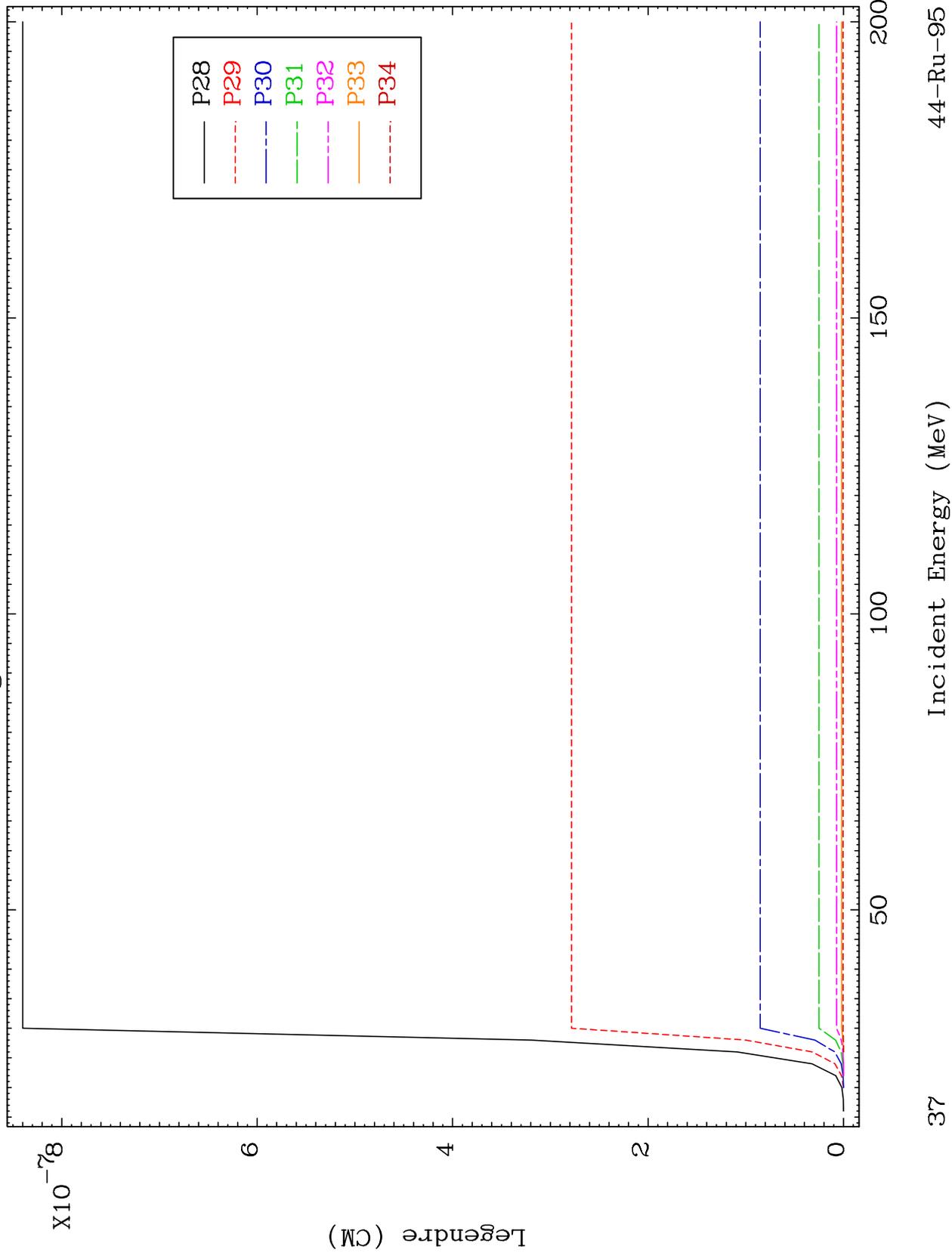
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

44-Ru-95

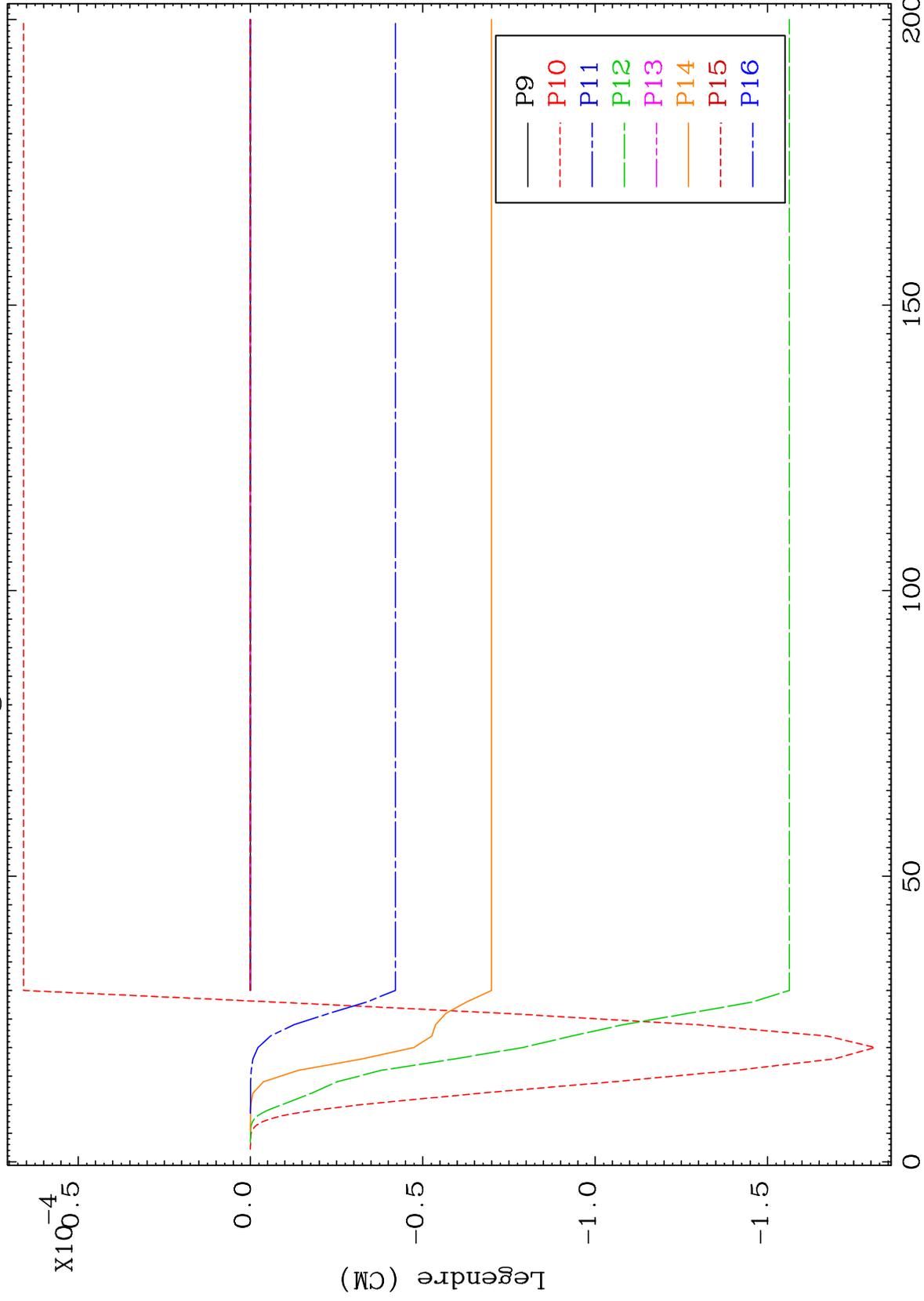




MAT 4422

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Legendre Coefficients

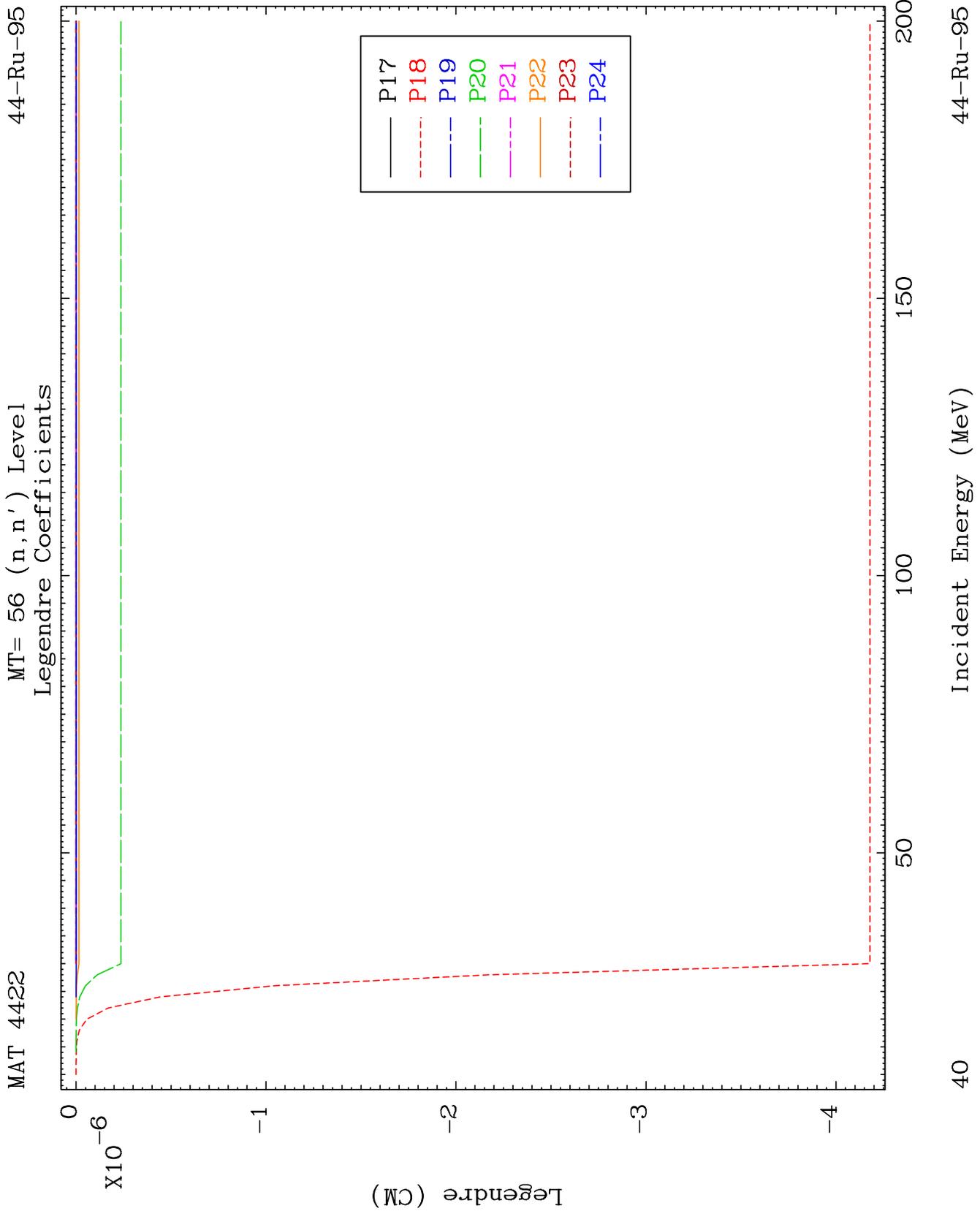
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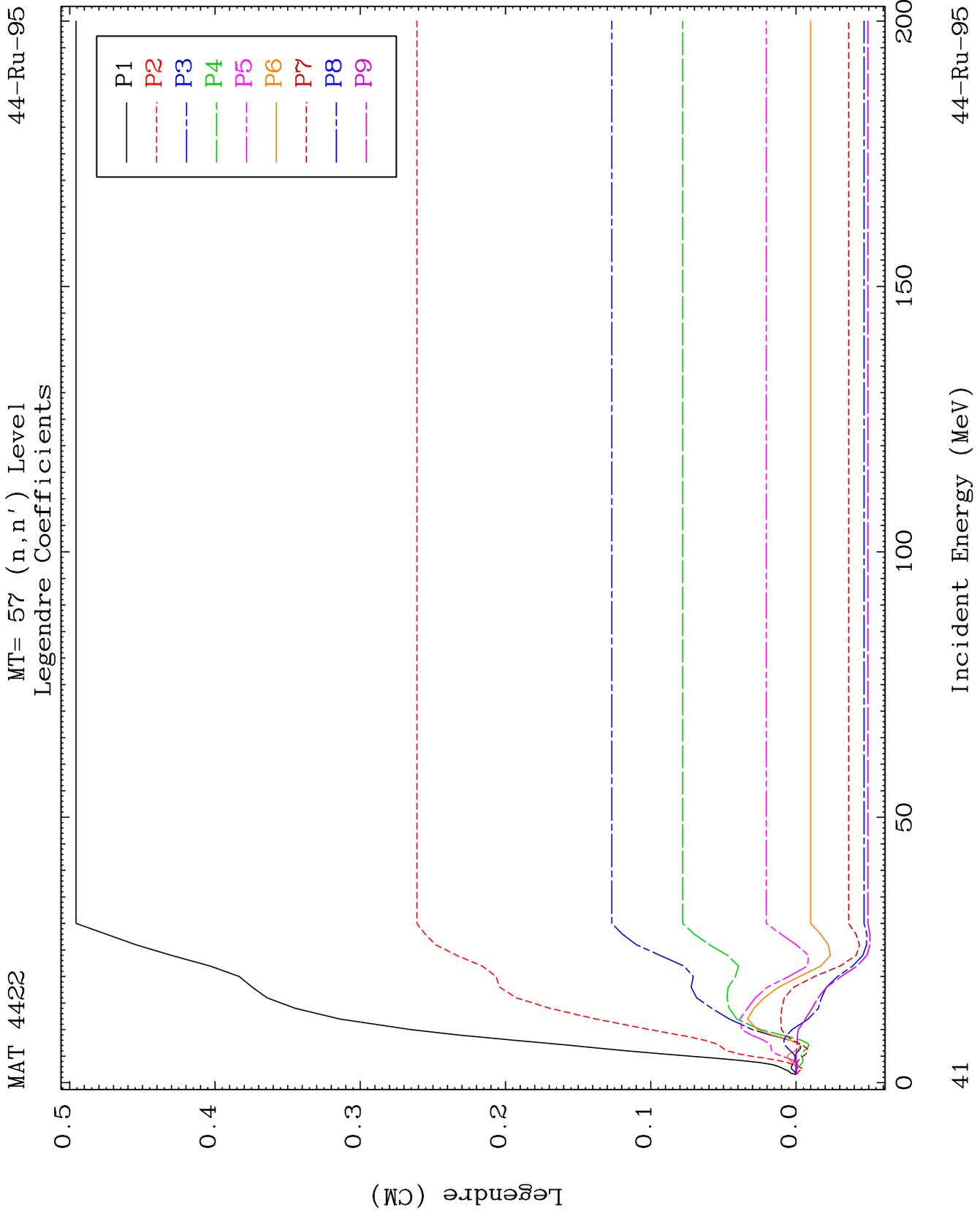


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Incident Energy (MeV)

44-Ru-95

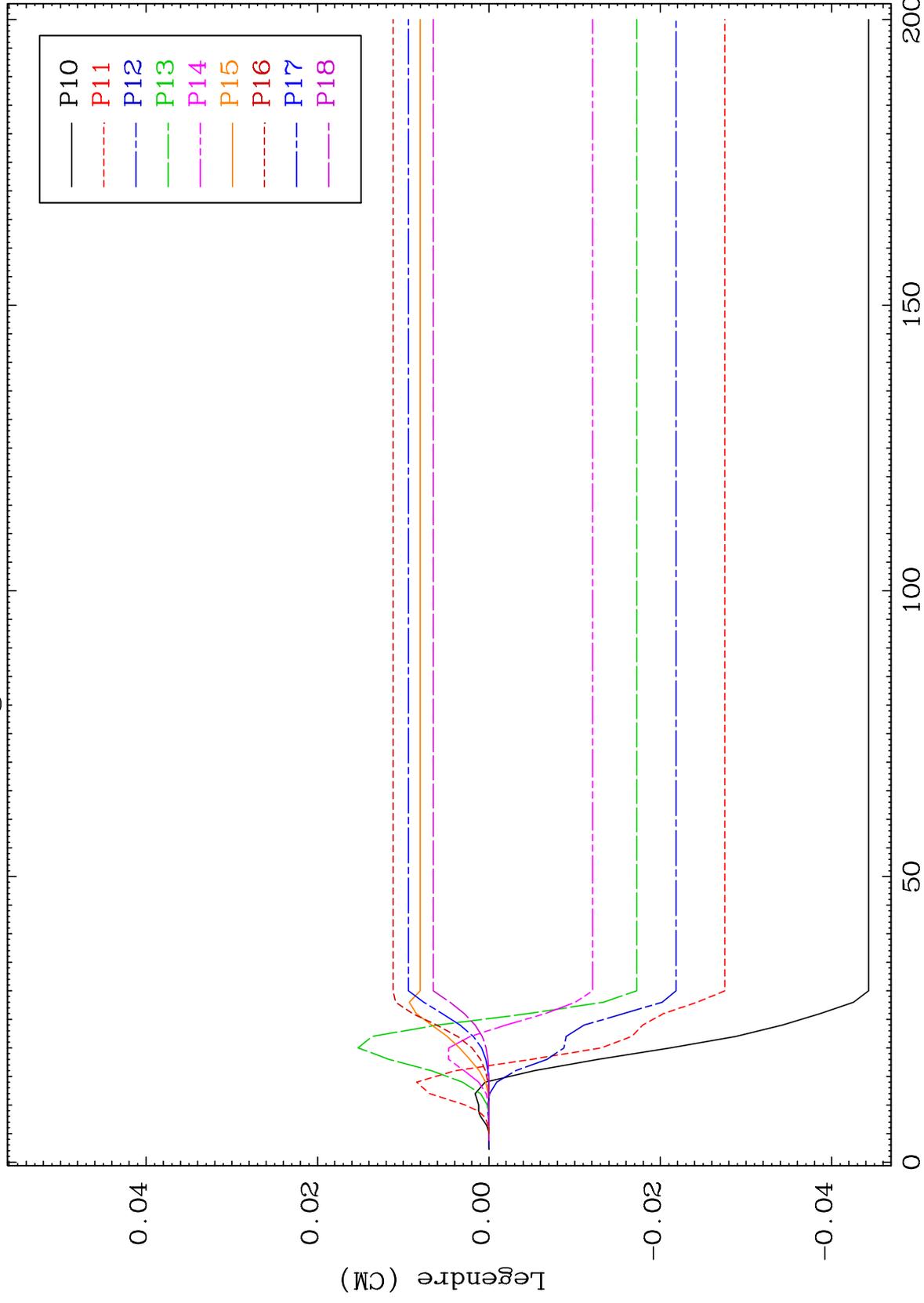




MAT 4422

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

44-Ru-95



42

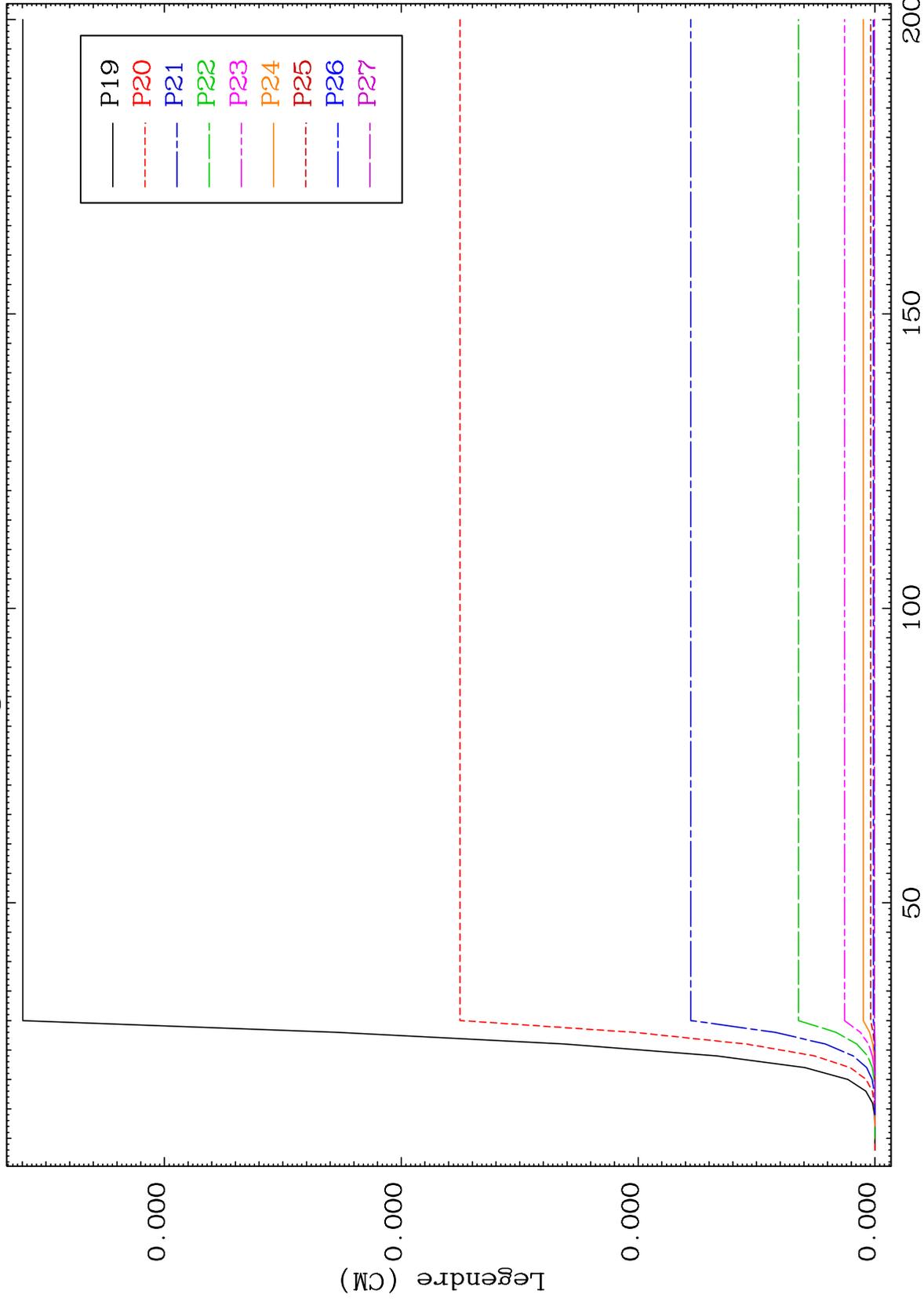
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

44-Ru-95



43

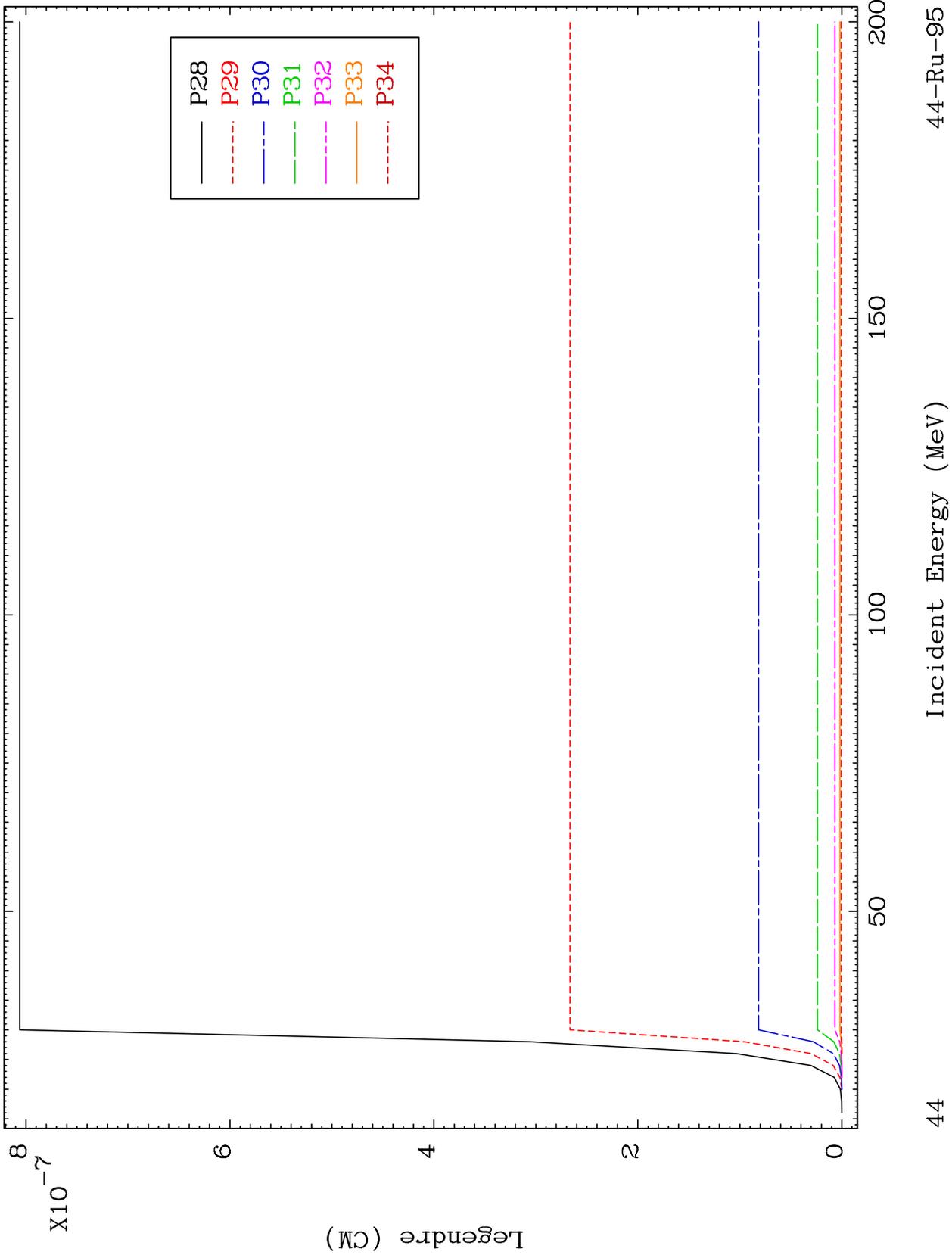
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

44-Ru-95

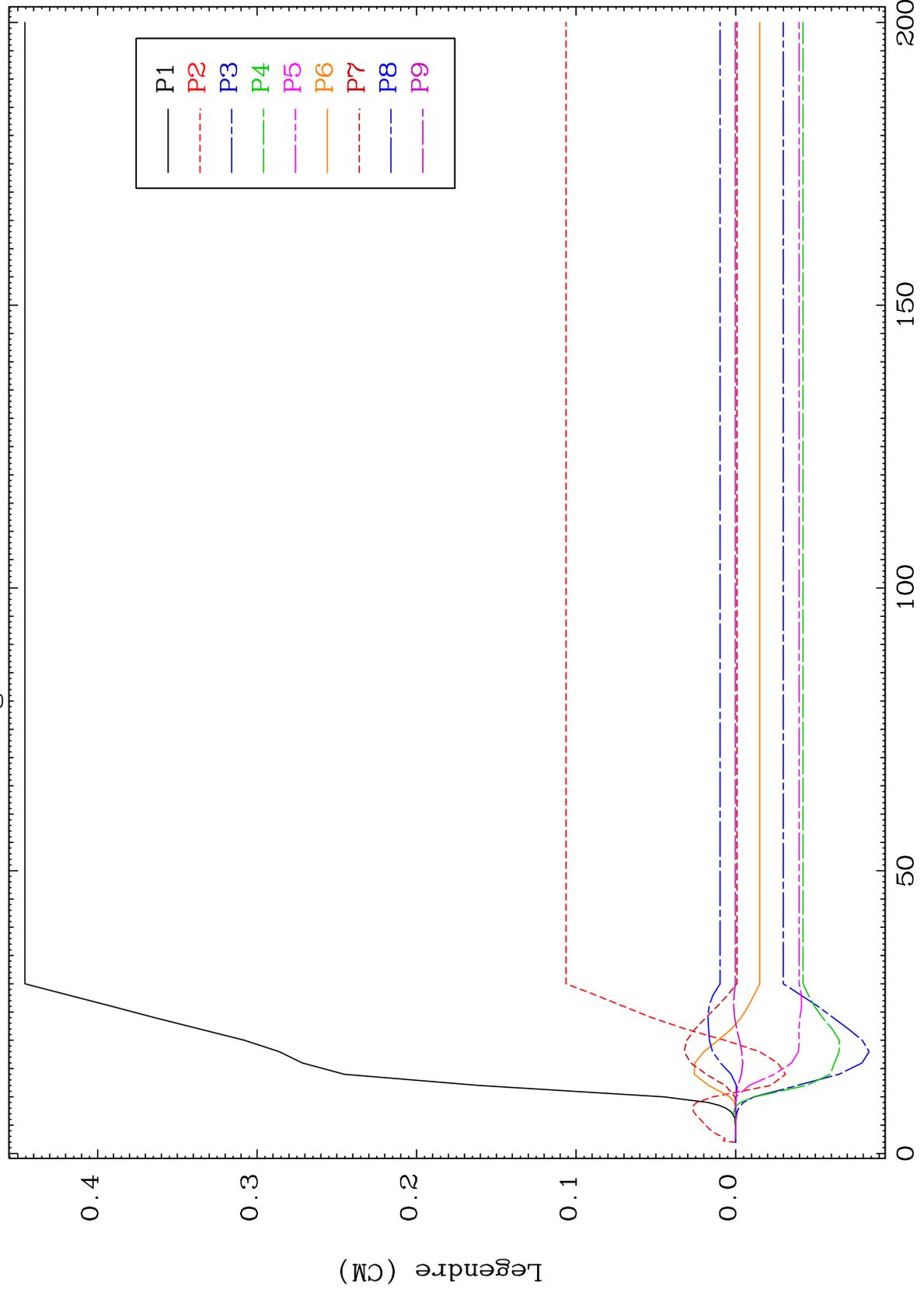


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MAT 4422

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

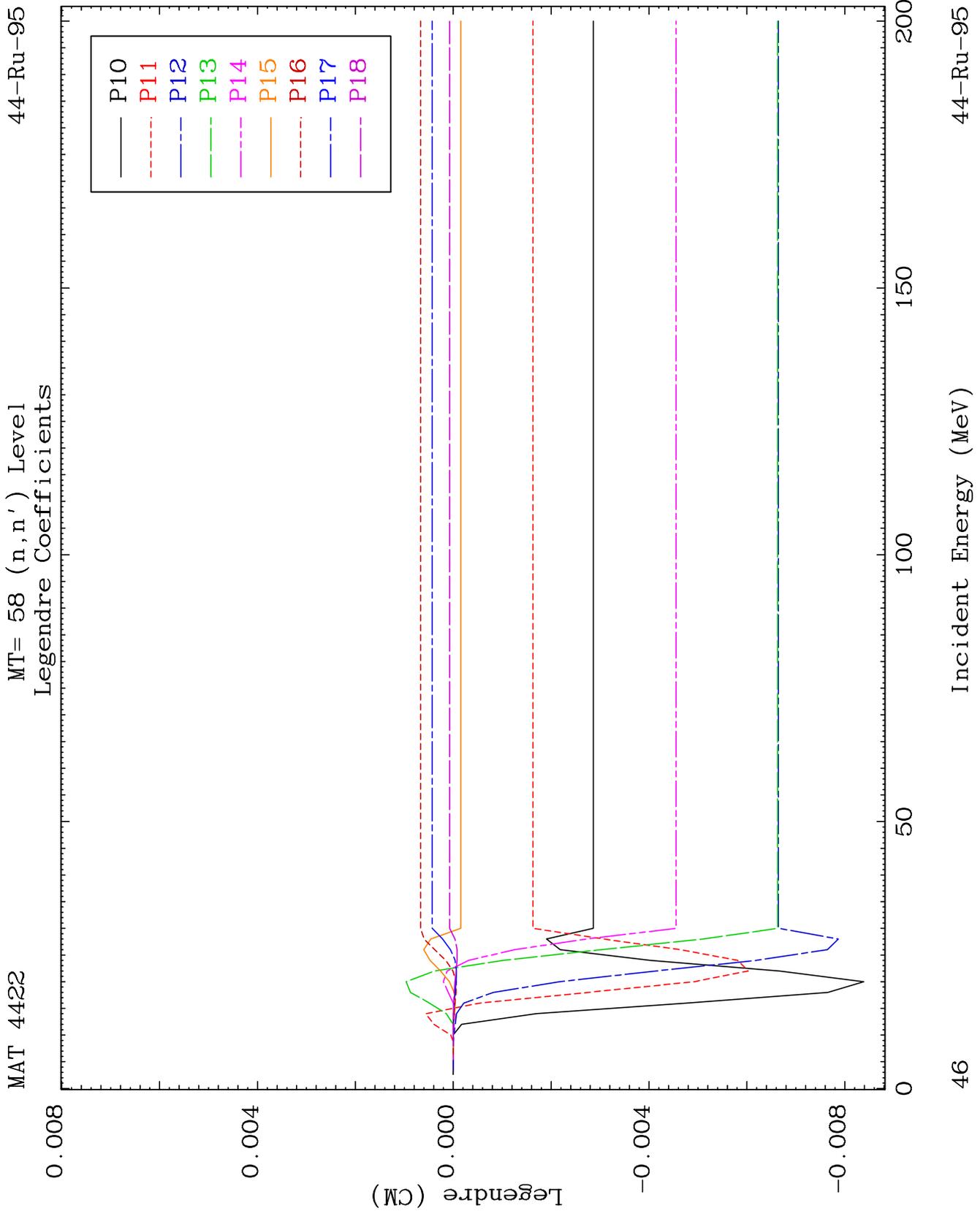
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44-Ru-95

Incident Energy (MeV)

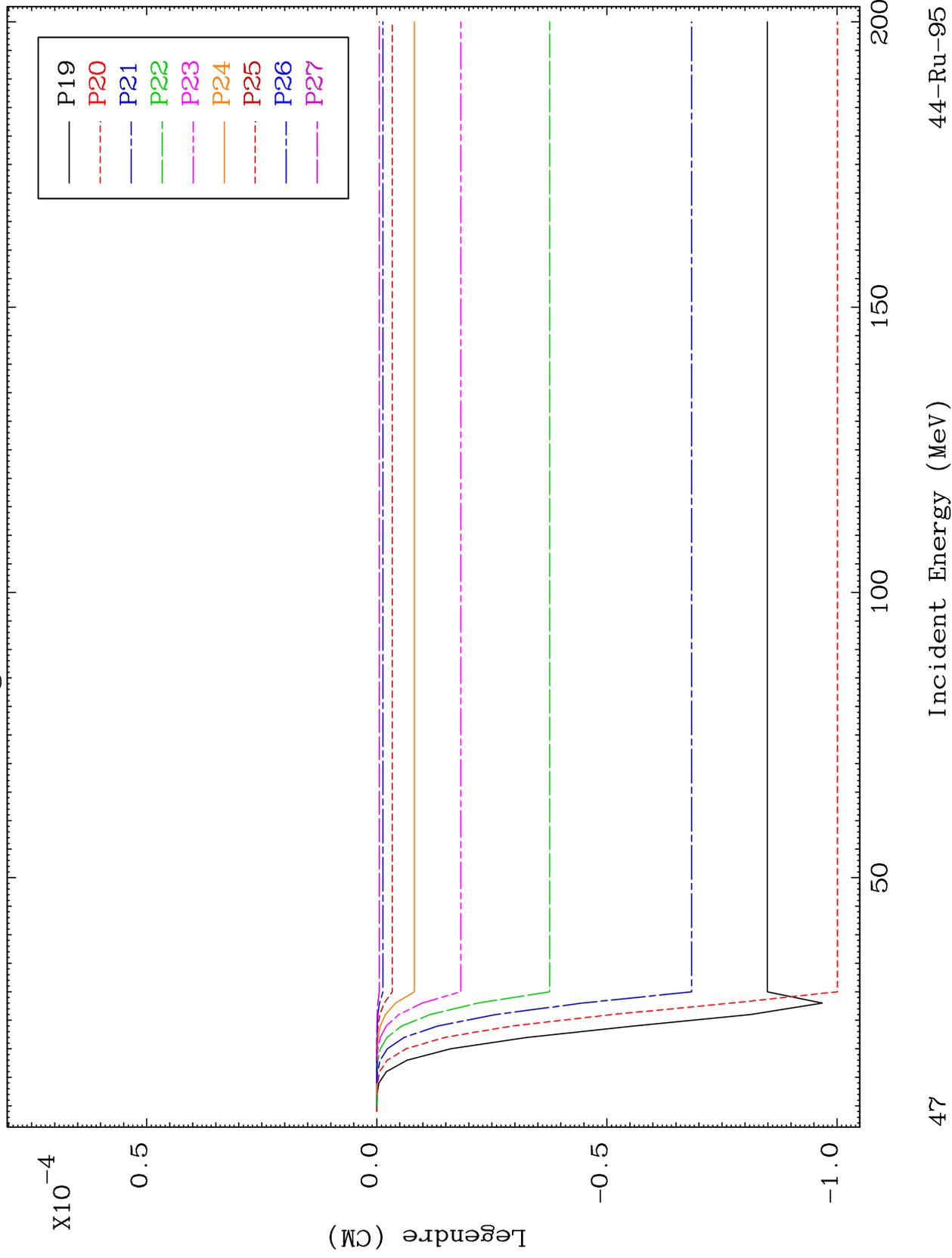
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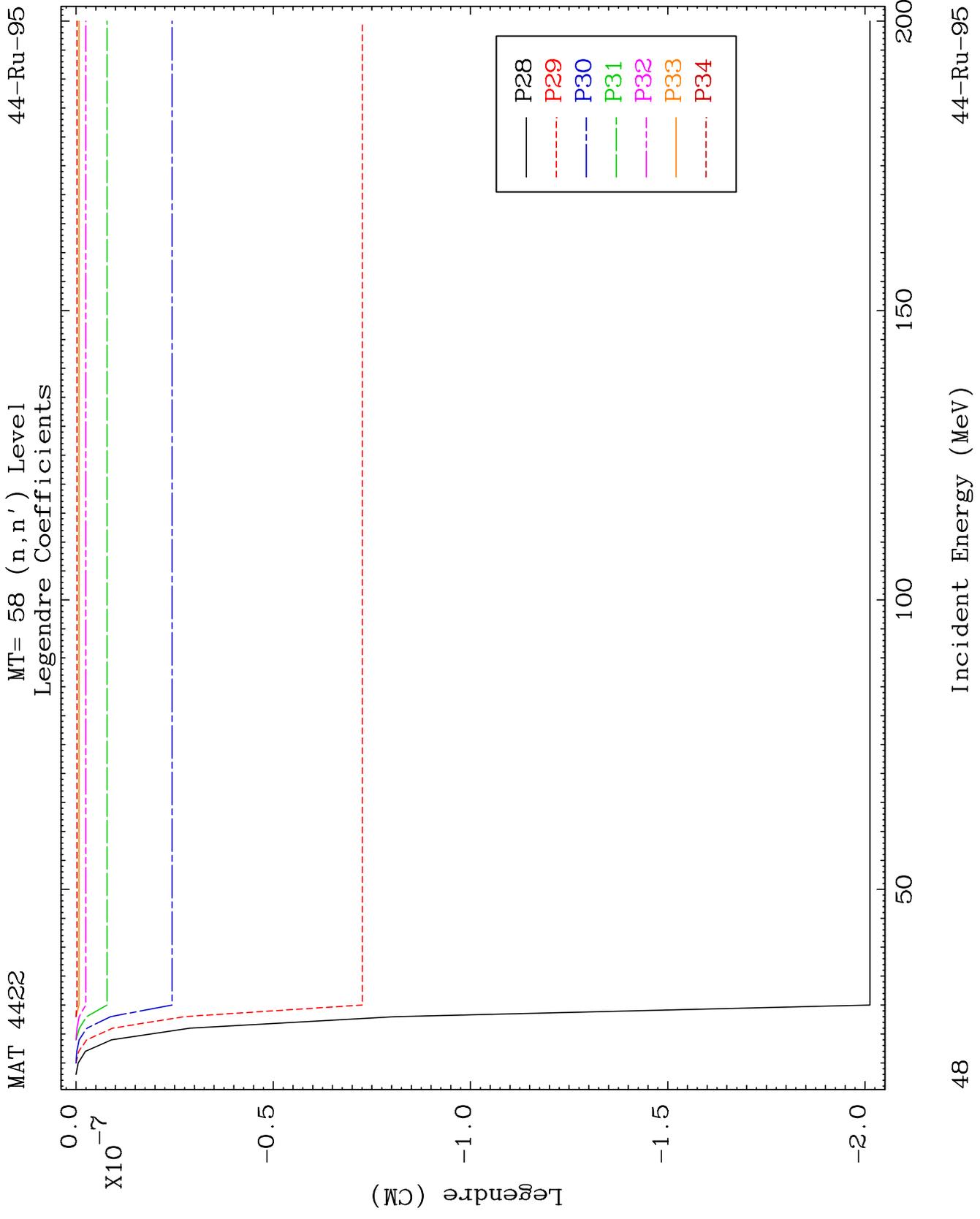
MAT 4422

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

44-Ru-95



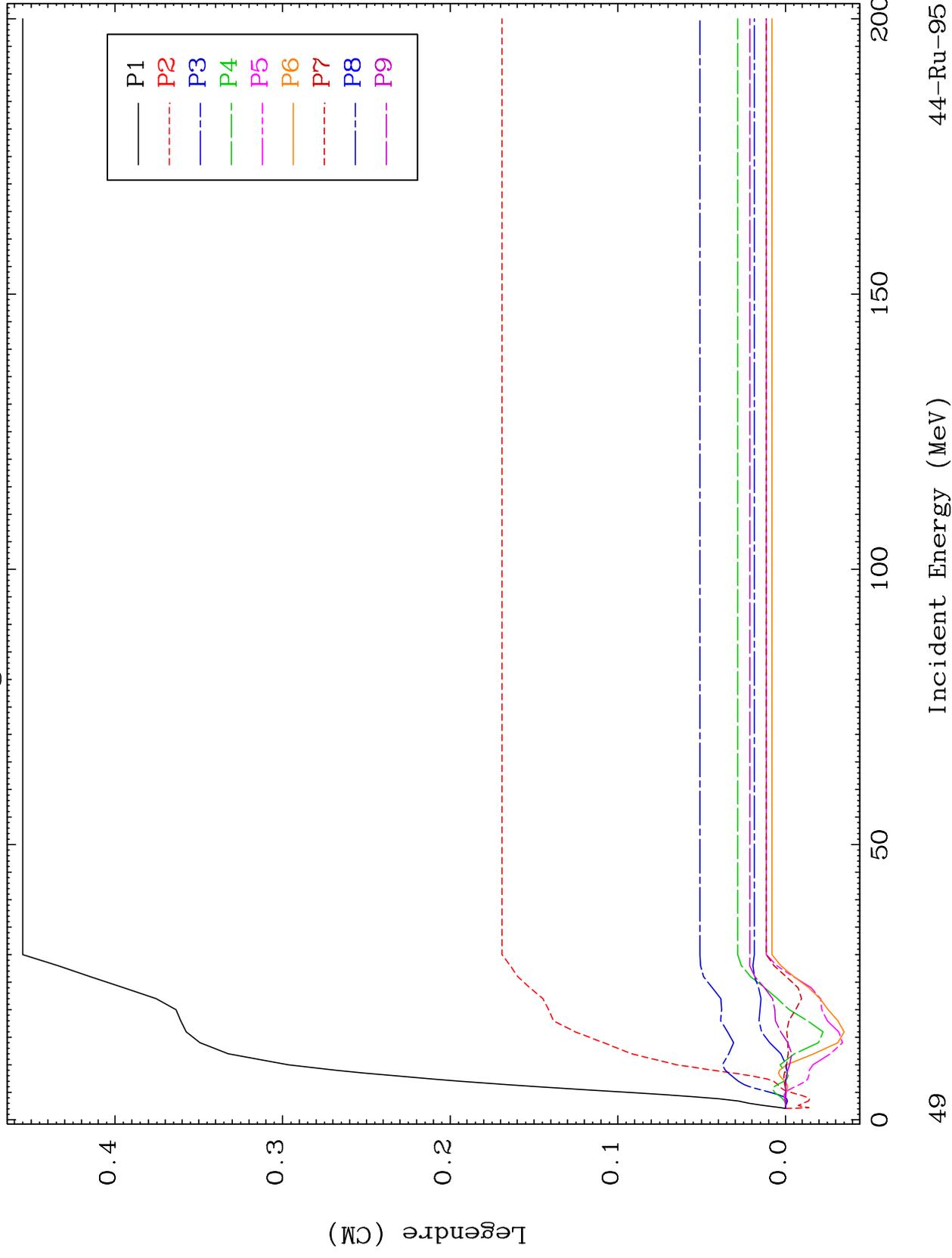
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MAT 4422

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

44-Ru-95



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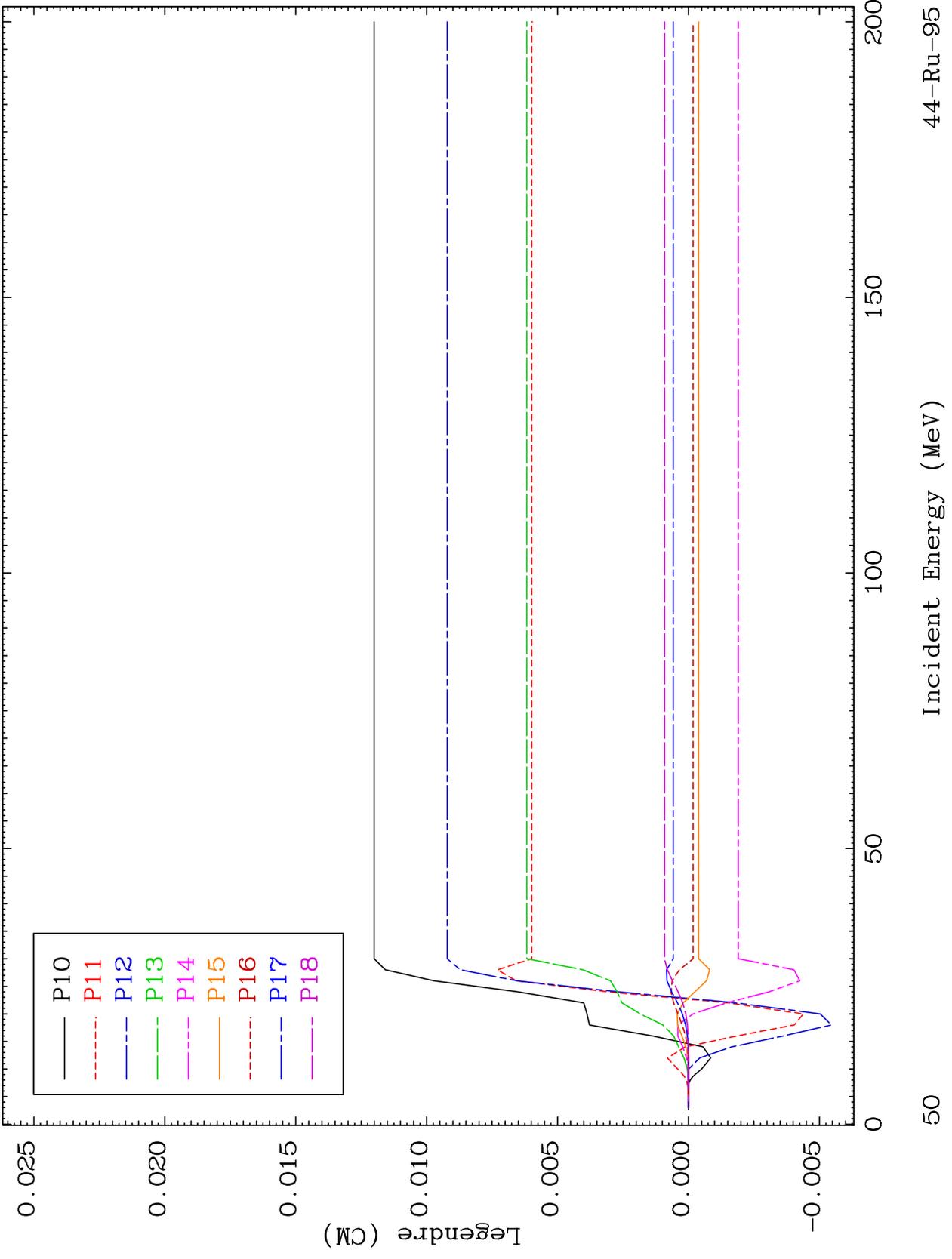
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

44-Ru-95

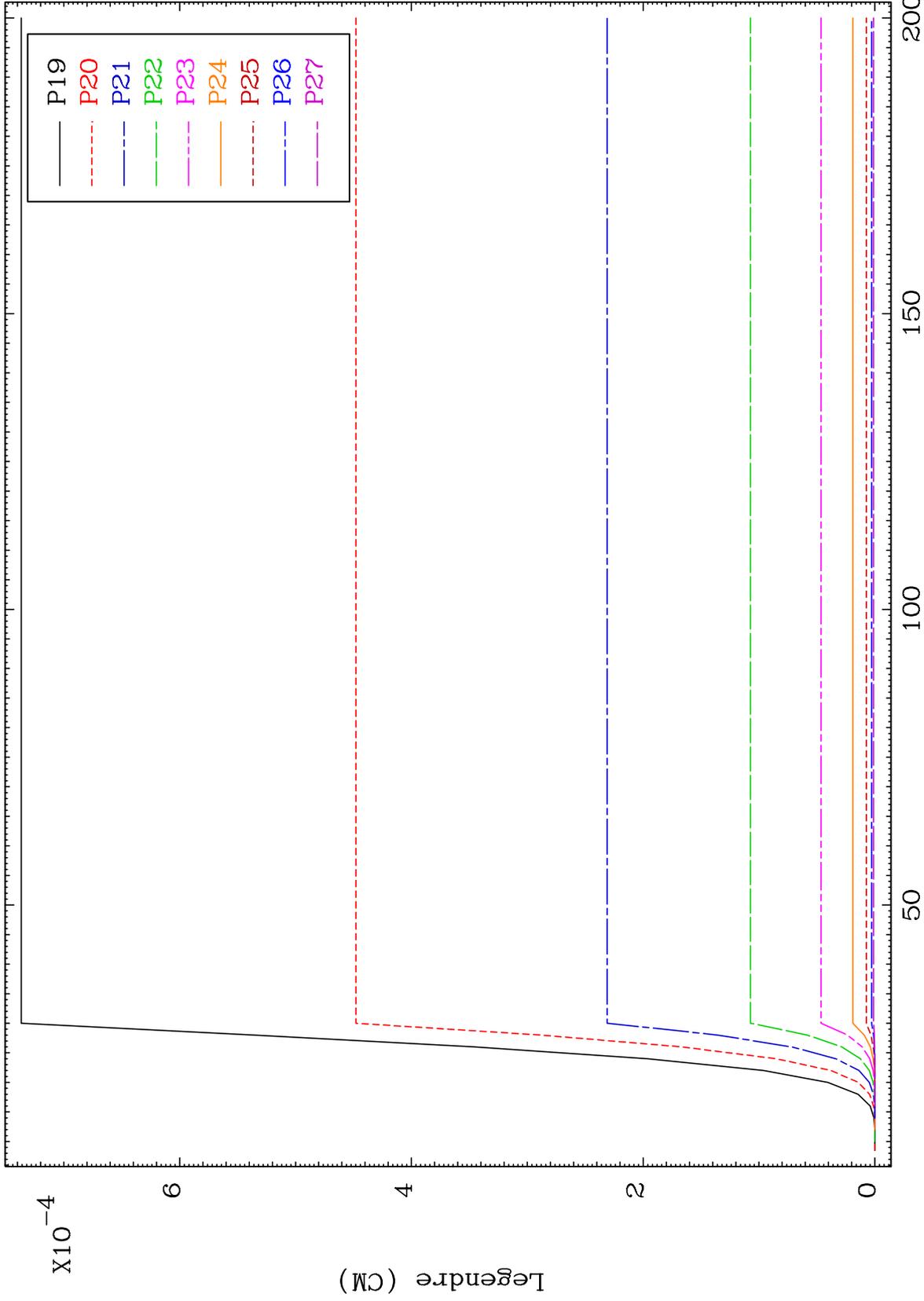


44-Ru-95

MAT 4422

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

44-Ru-95



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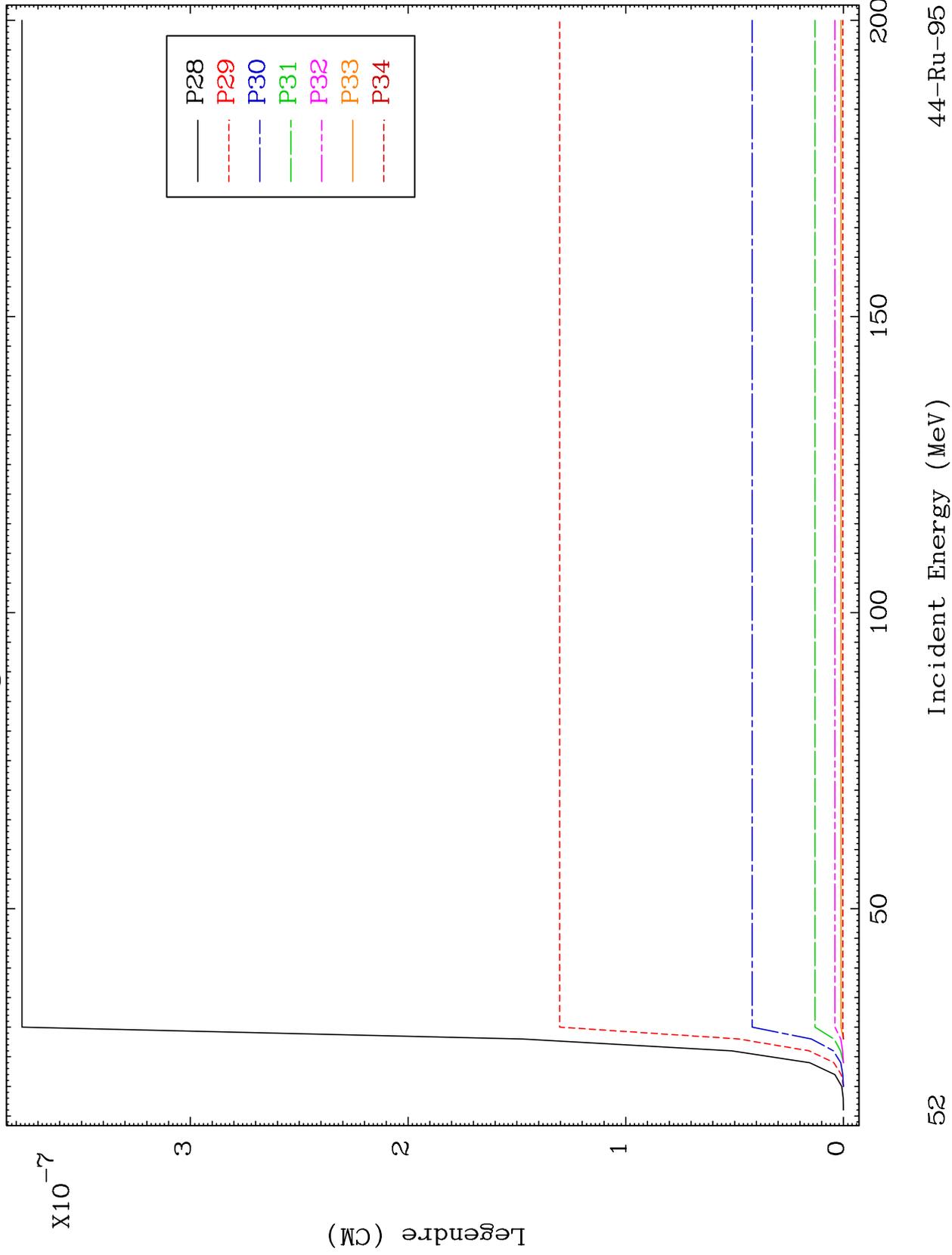
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44-Ru-95

MAT 4422

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

44-Ru-95



52

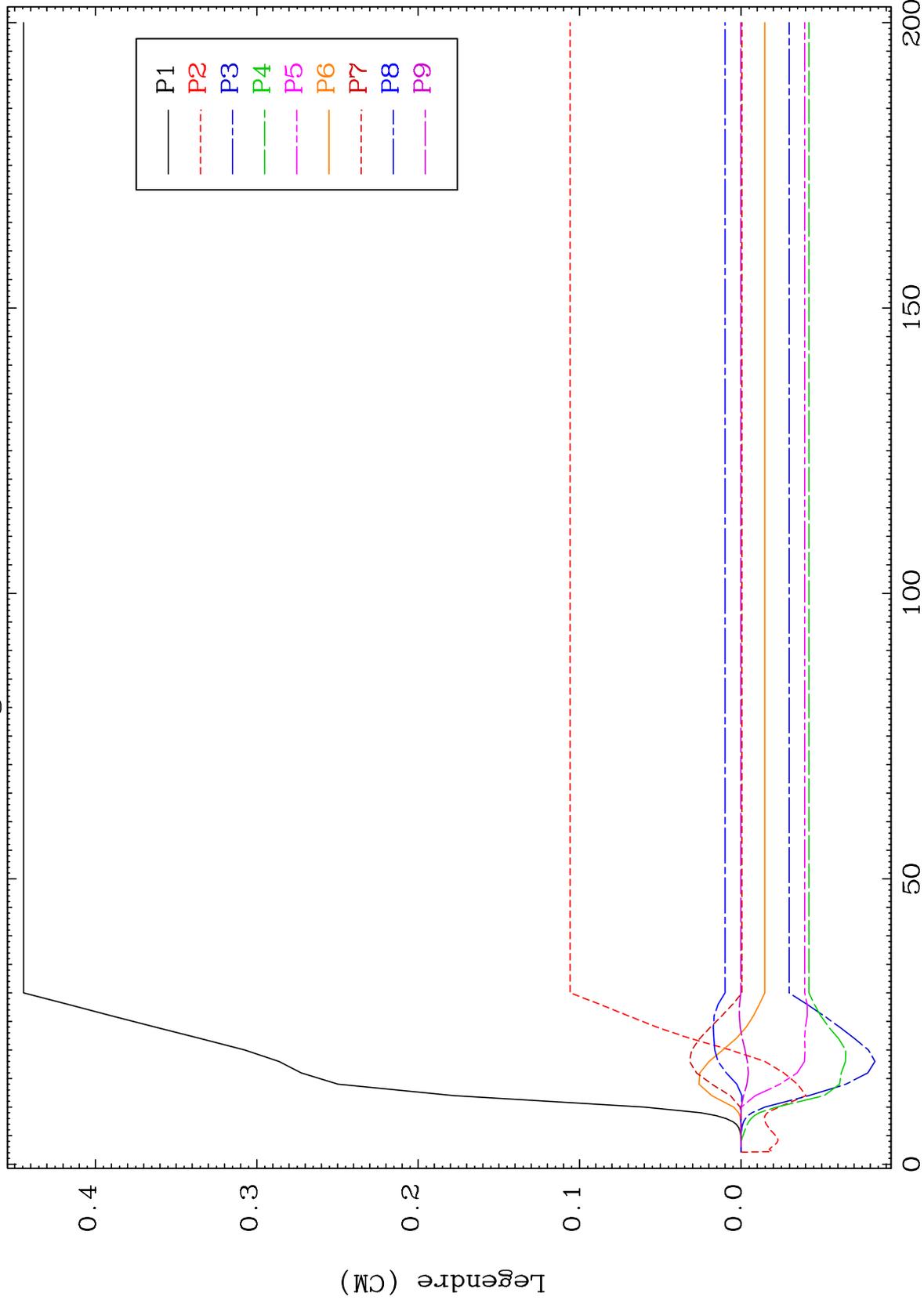
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

44-Ru-95



53

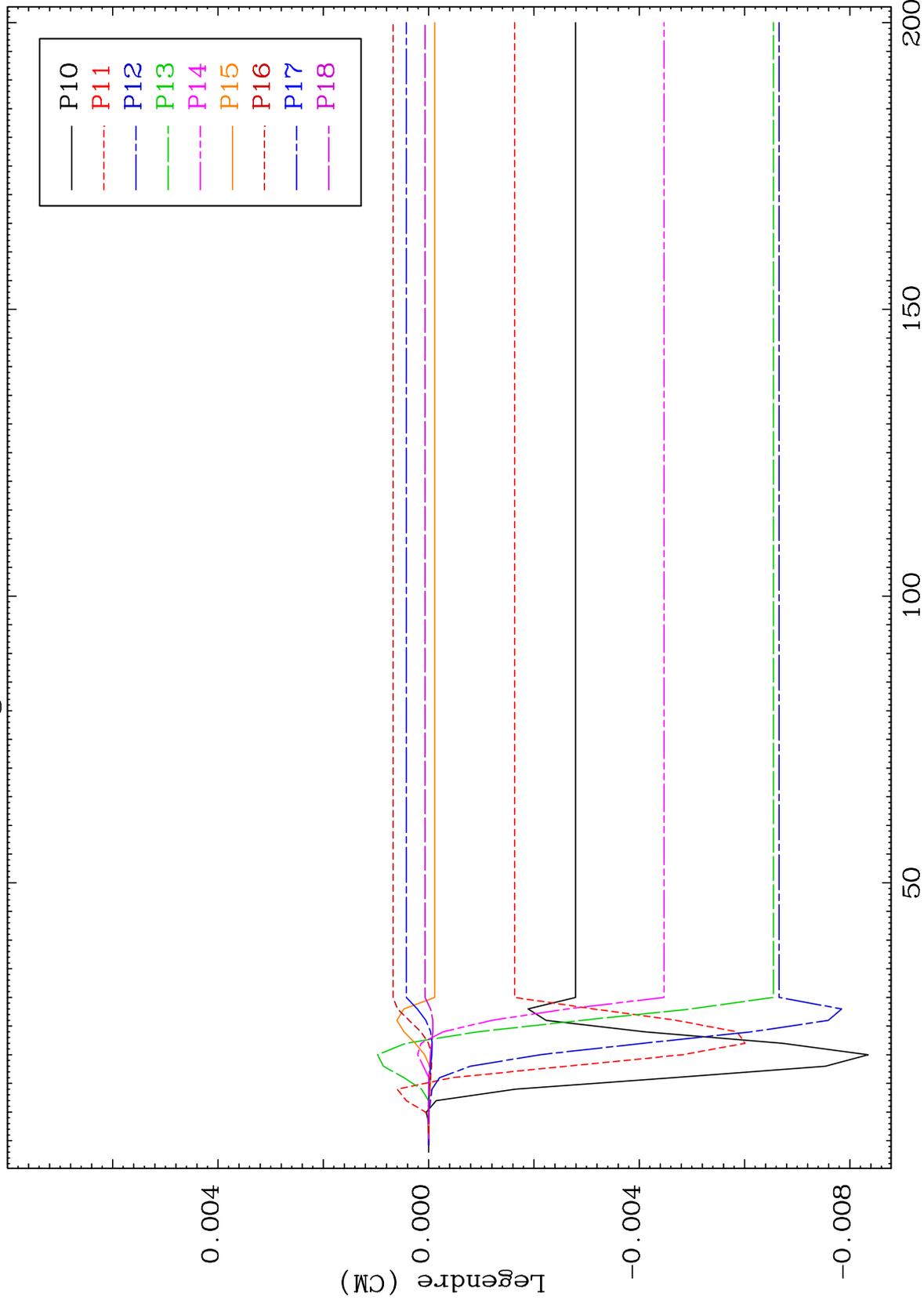
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

44-Ru-95



54

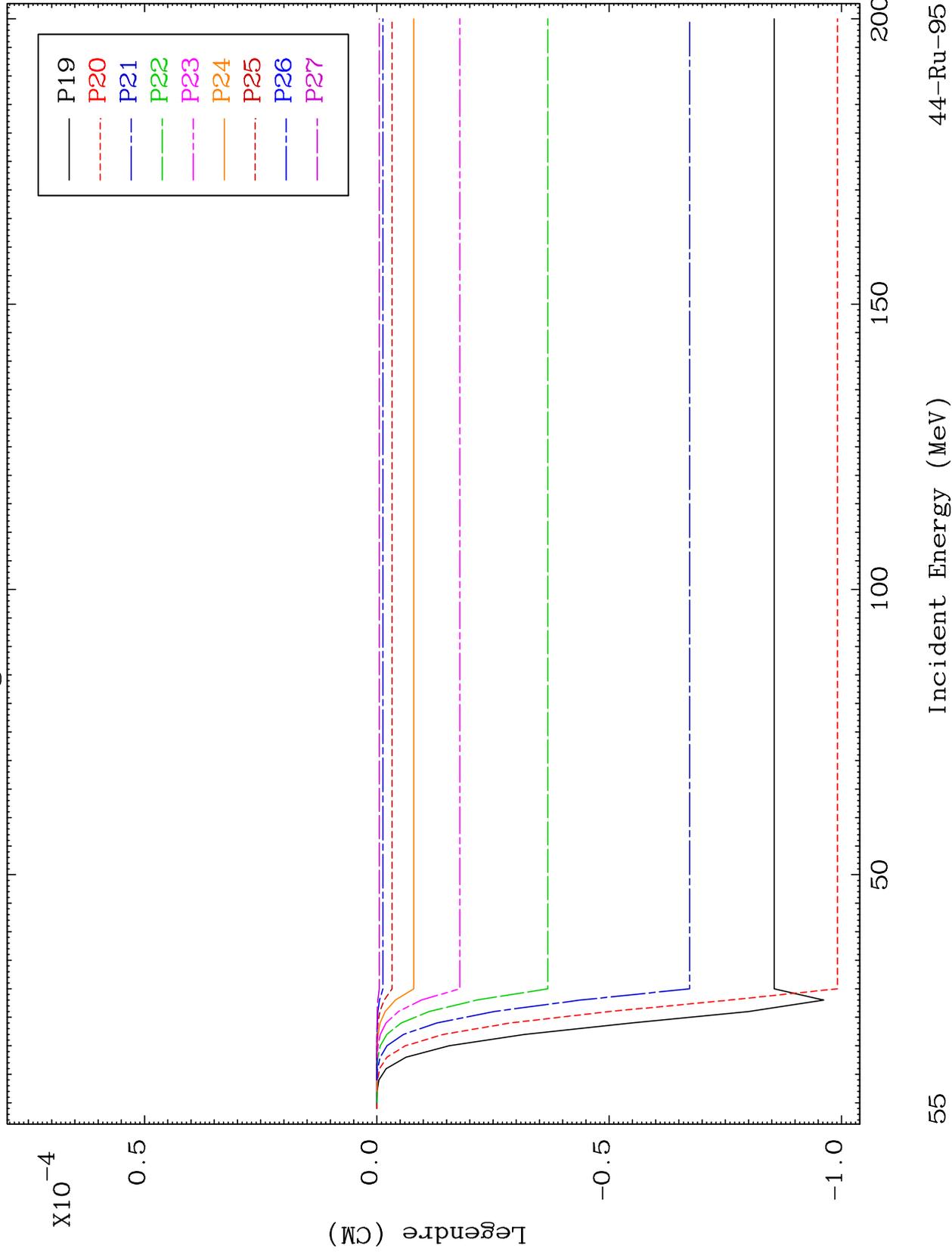
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

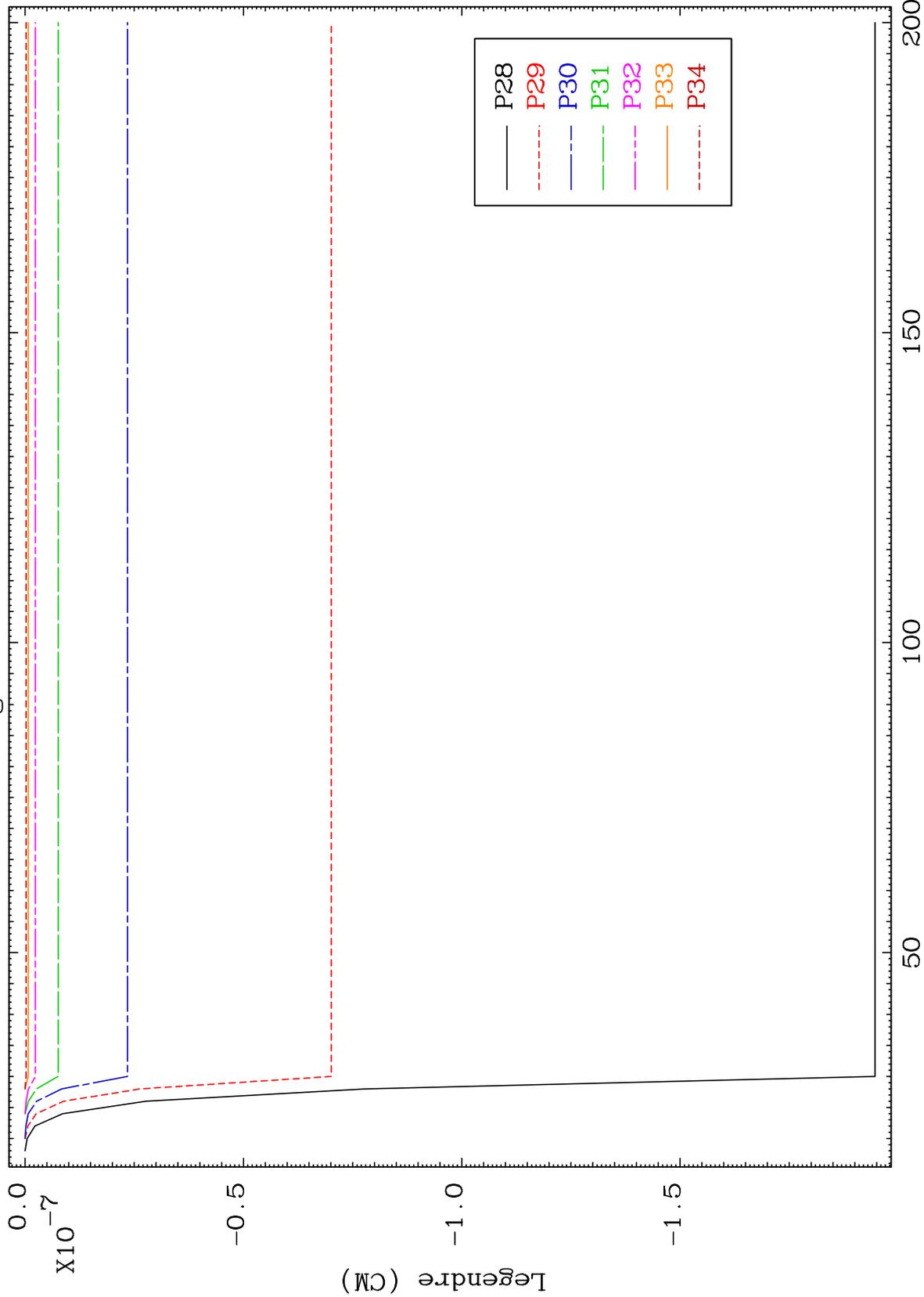
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55

Incident Energy (MeV)

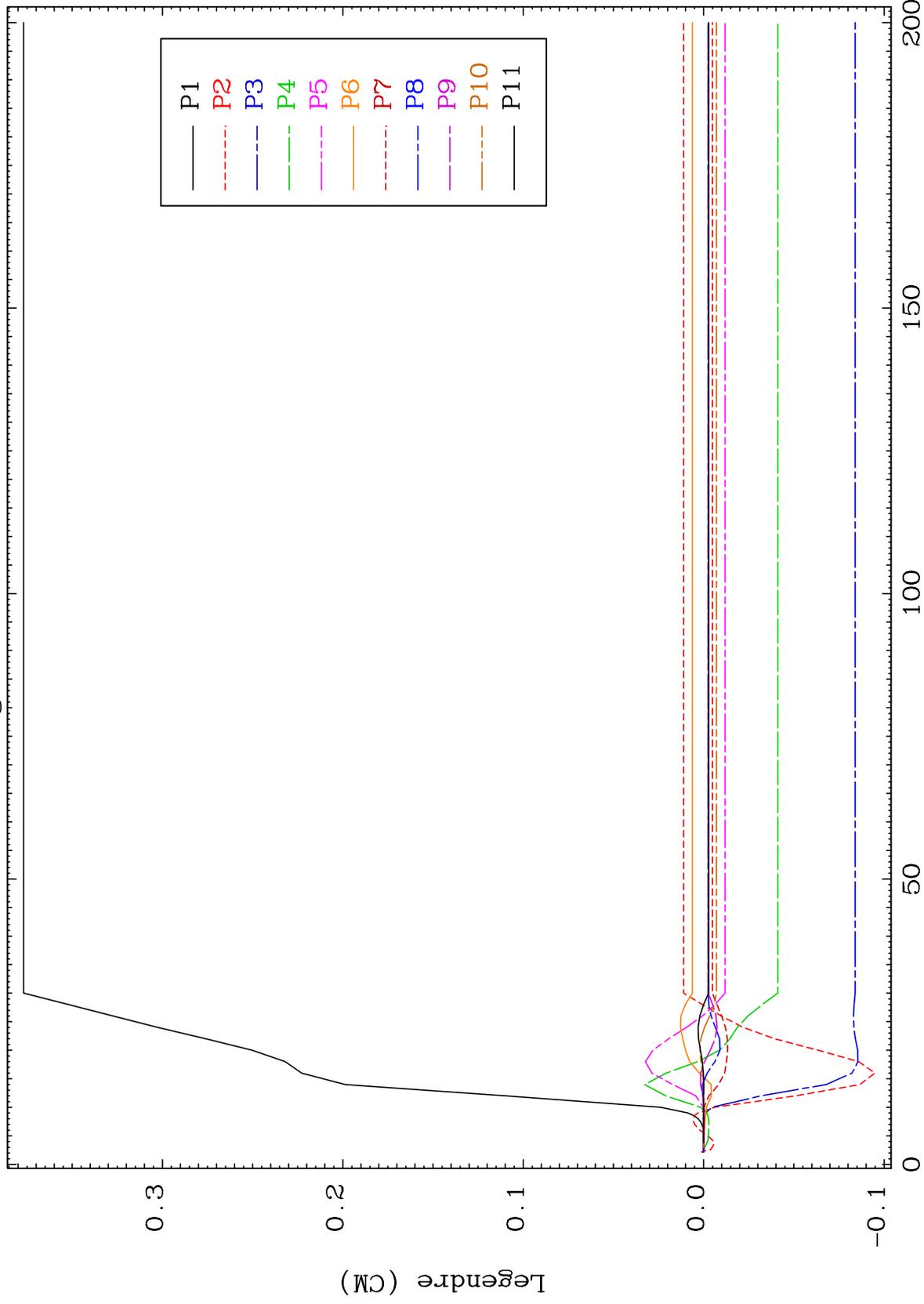
44-Ru-95



MAT 4422

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

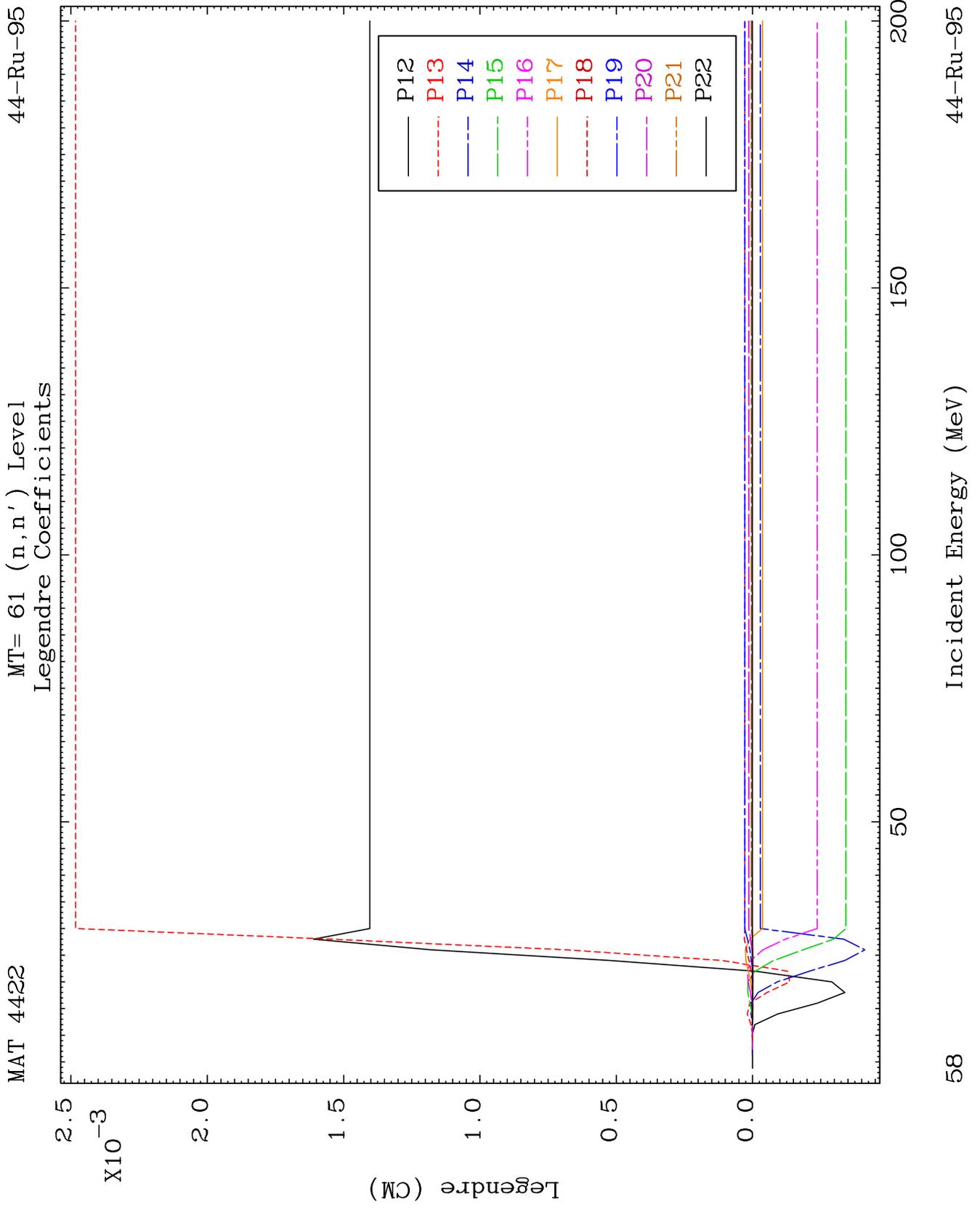
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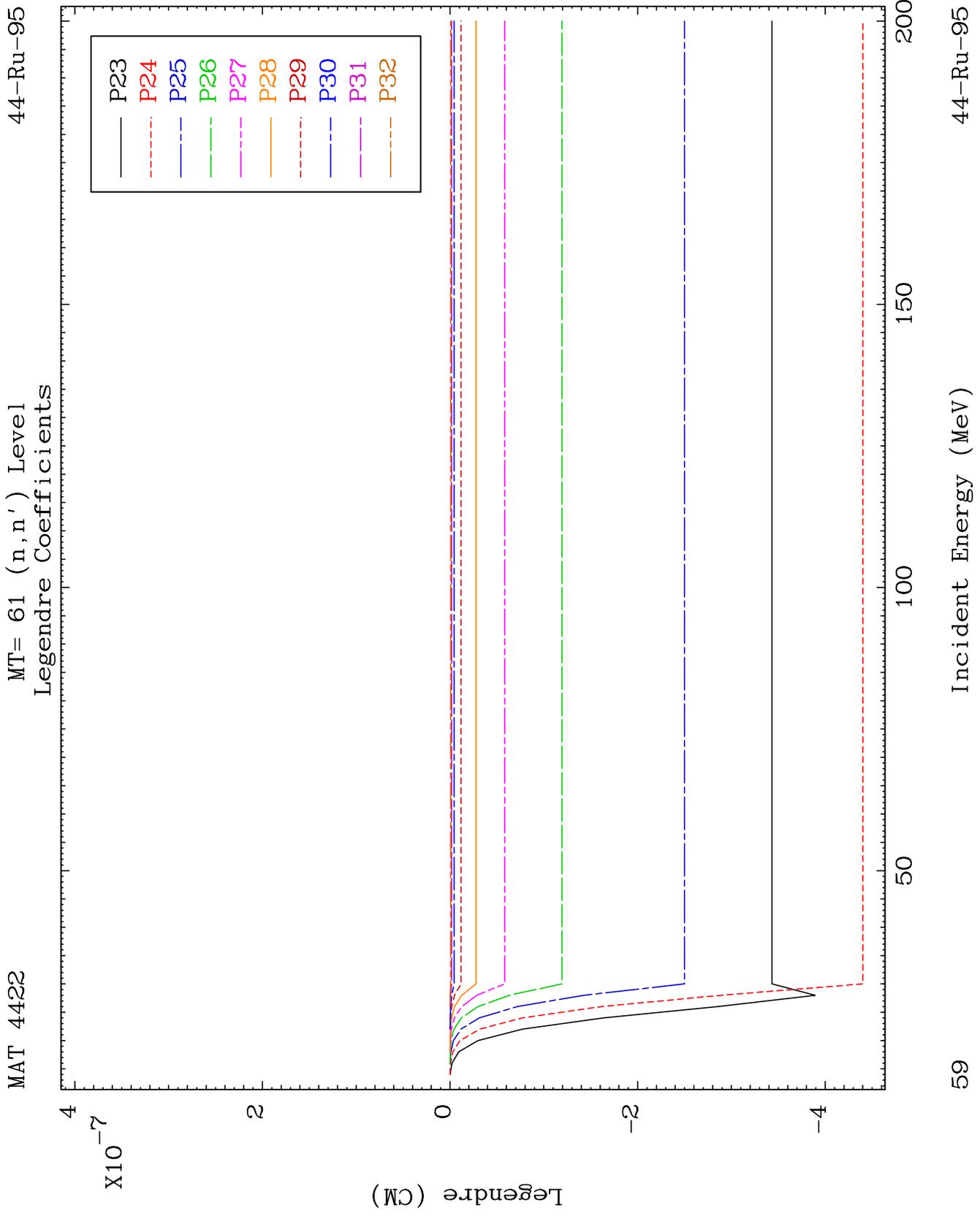


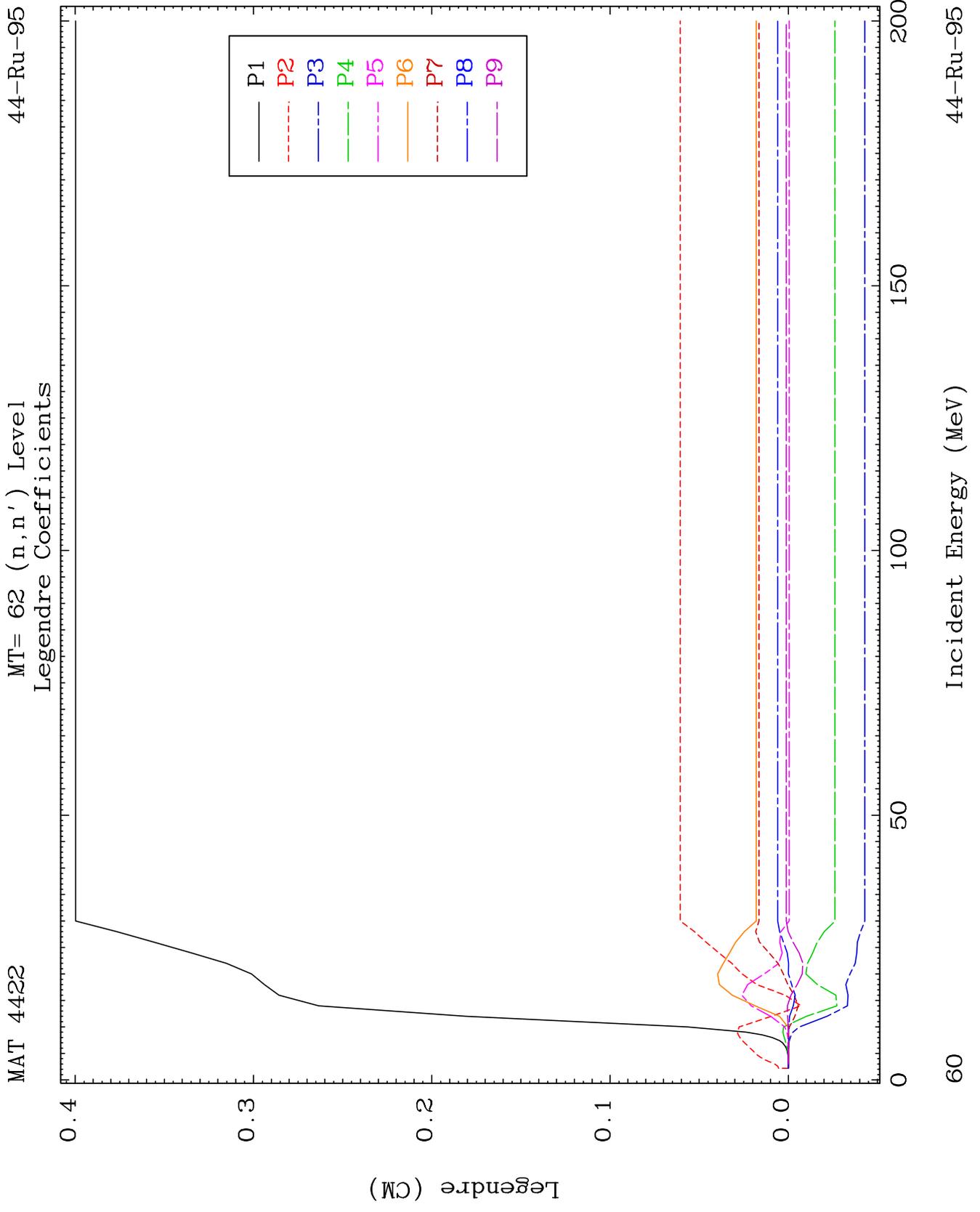
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Incident Energy (MeV)

44-Ru-95



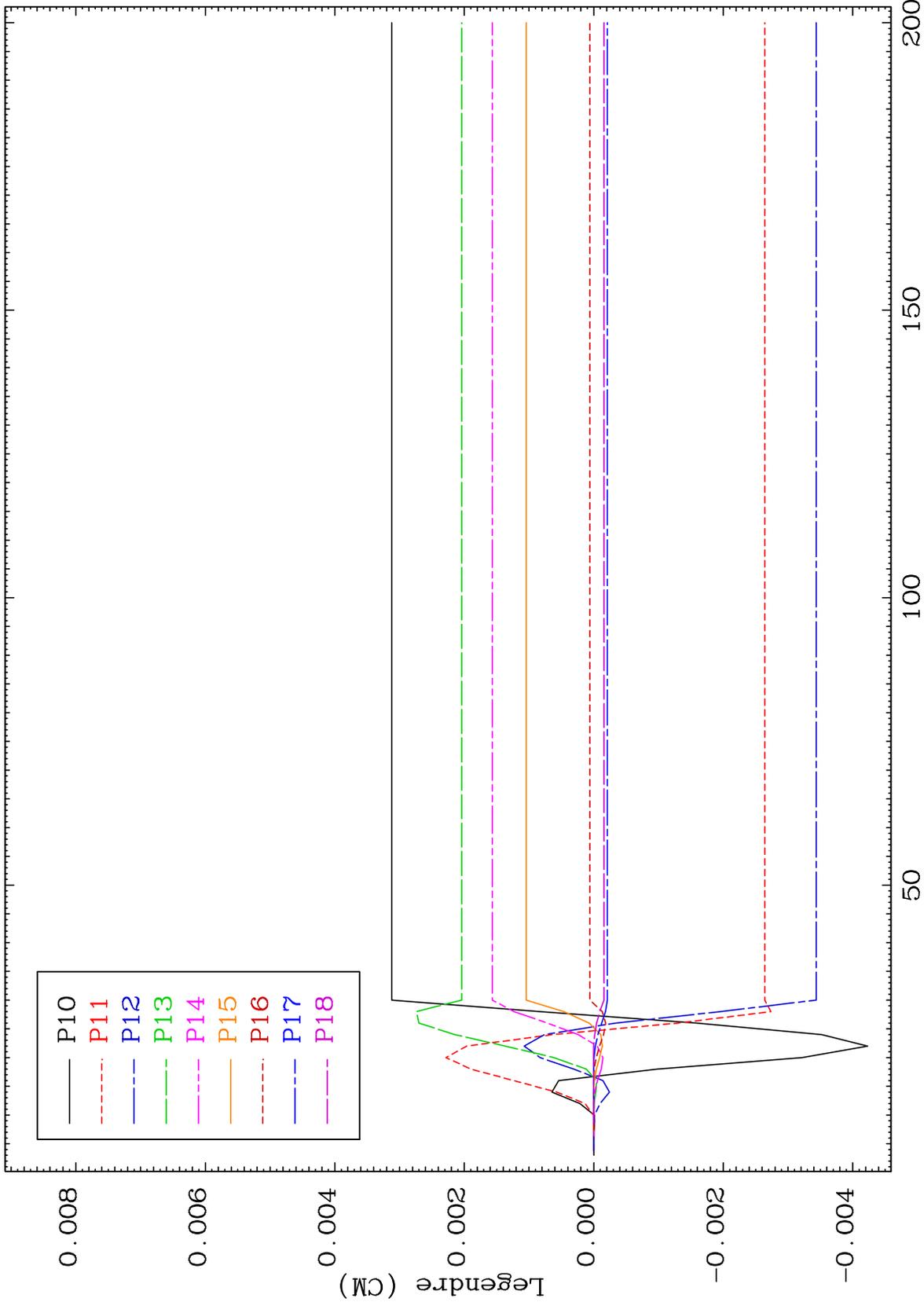




MAT 4422

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

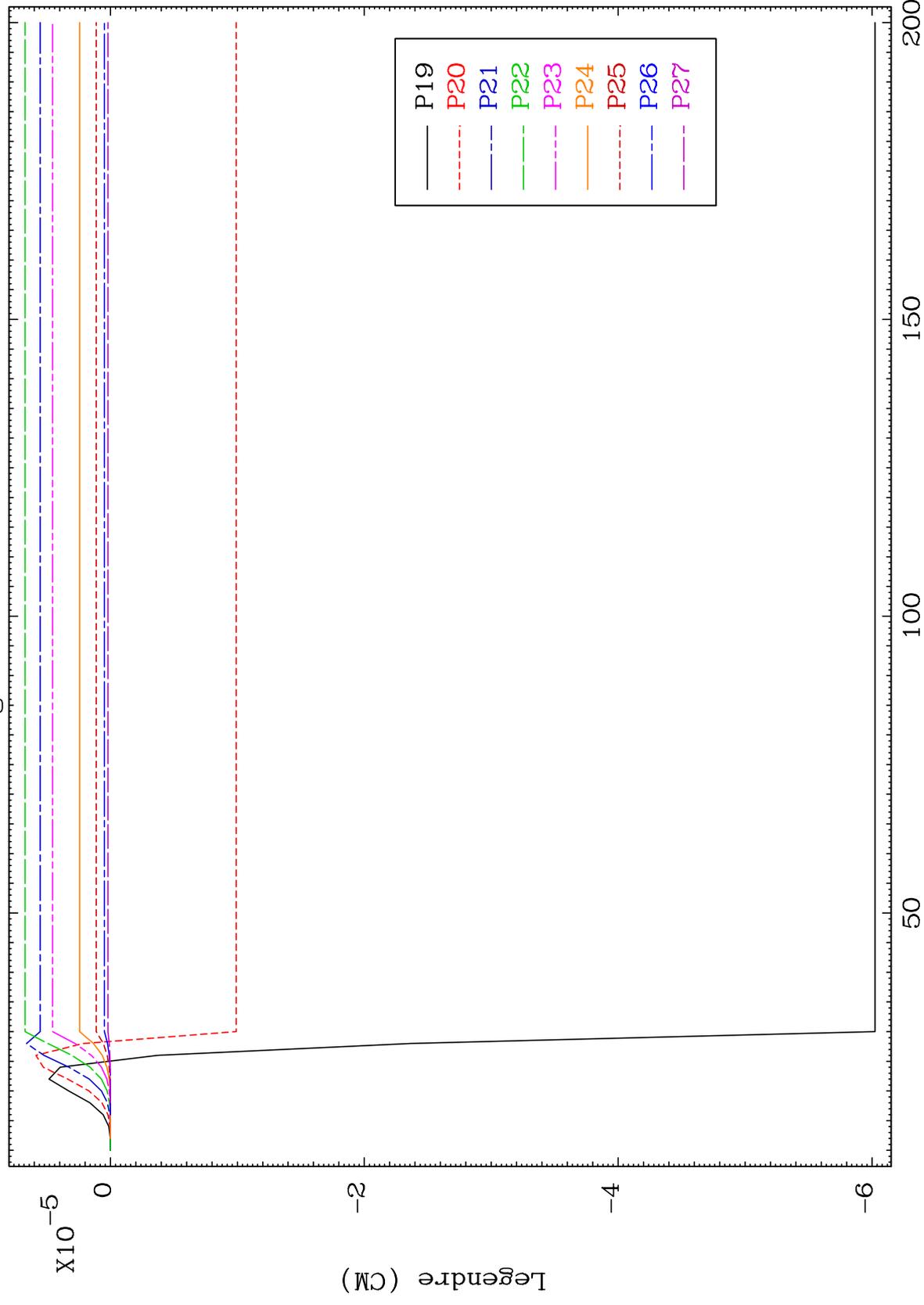
44-Ru-95



MAT 4422

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

44-Ru-95



62

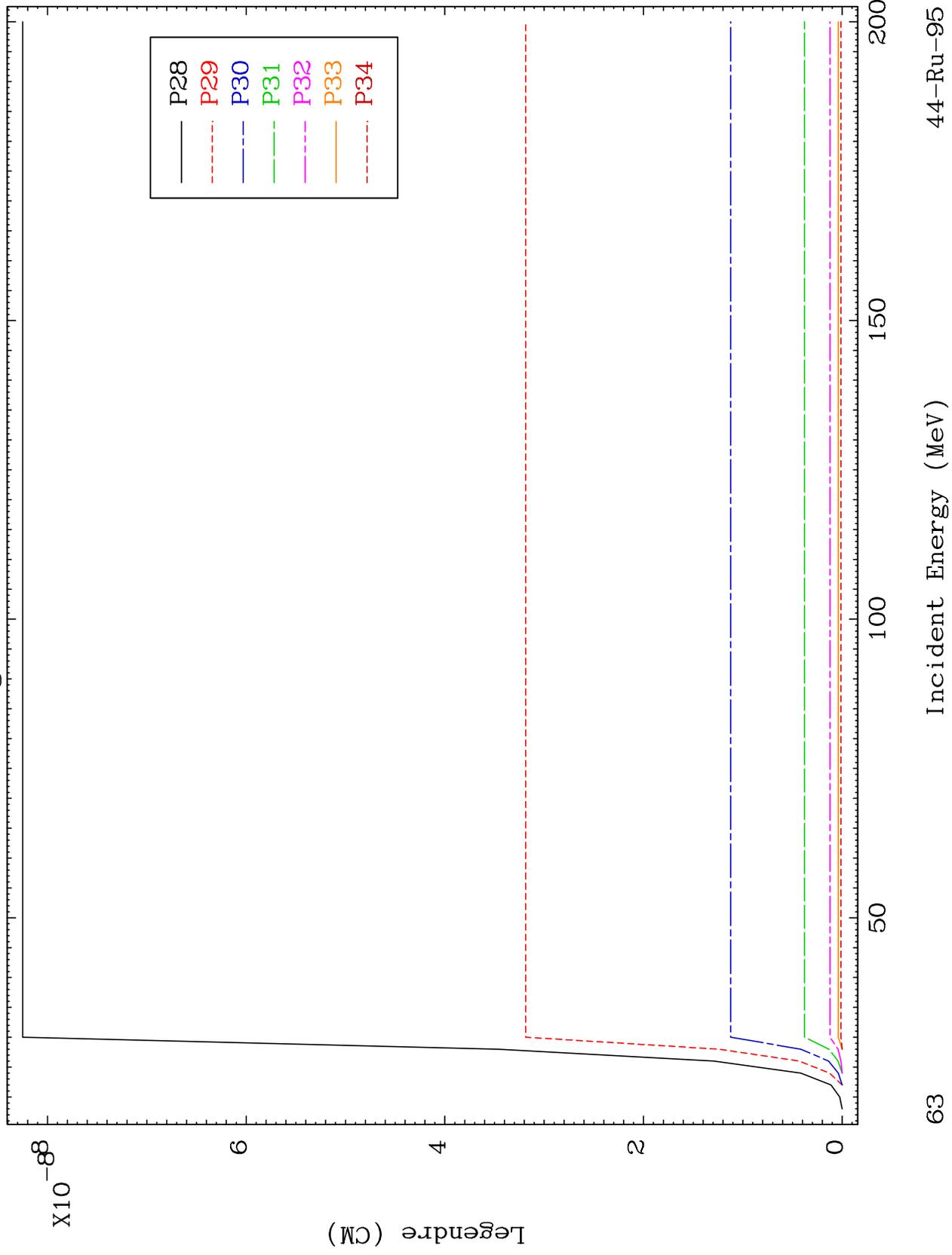
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

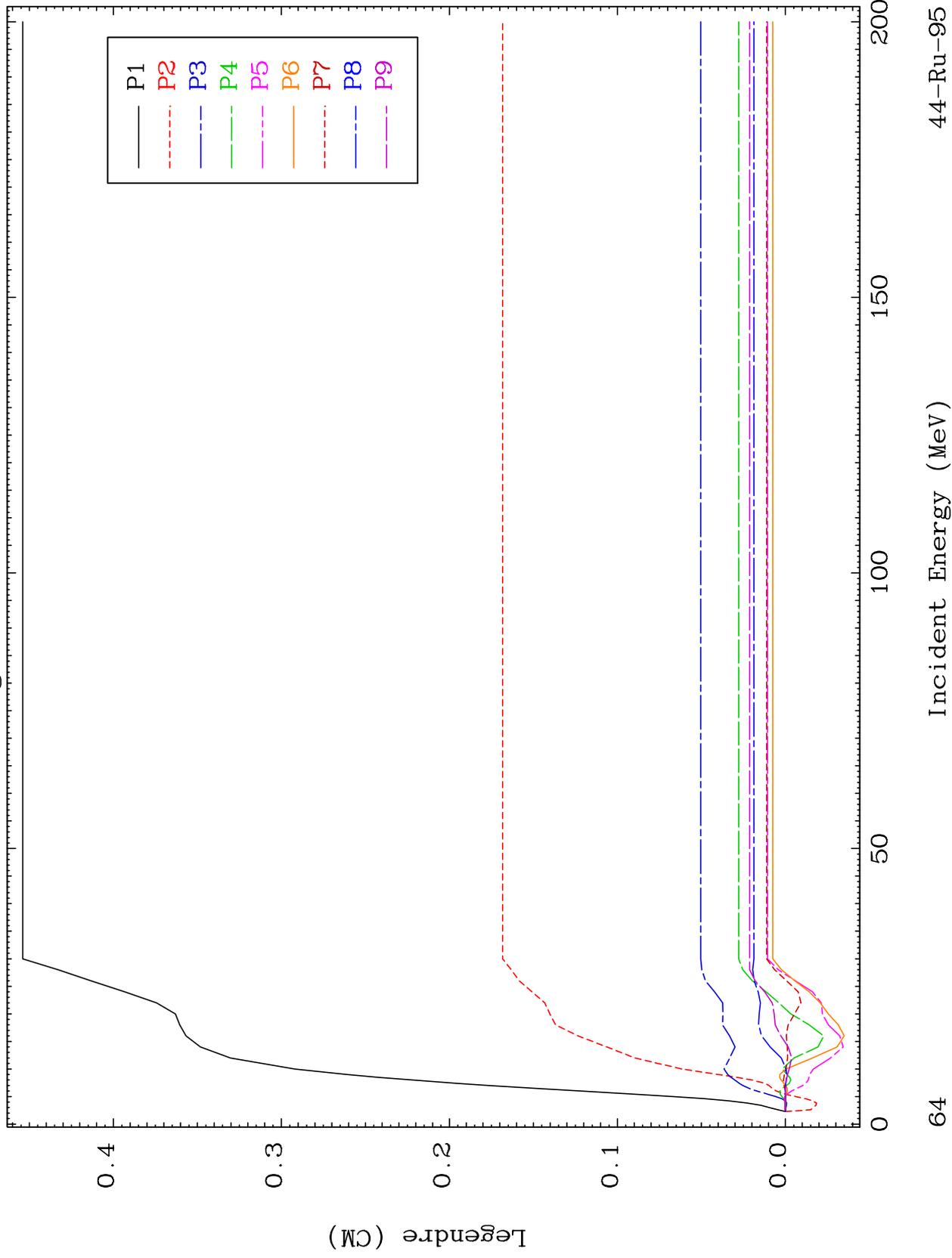
44-Ru-95



MAT 4422

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

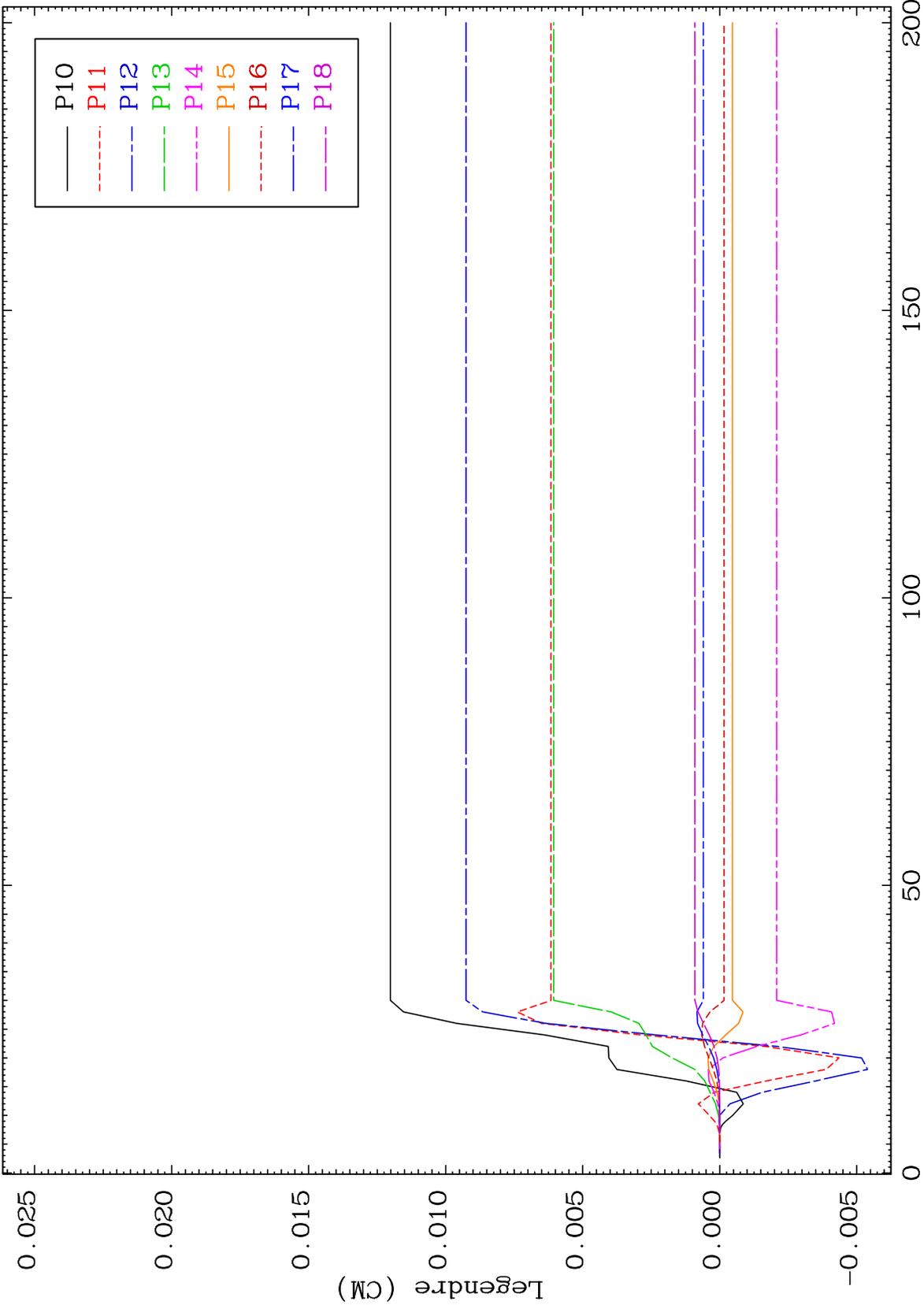
44-Ru-95



MAT 4422

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

44-Ru-95



65

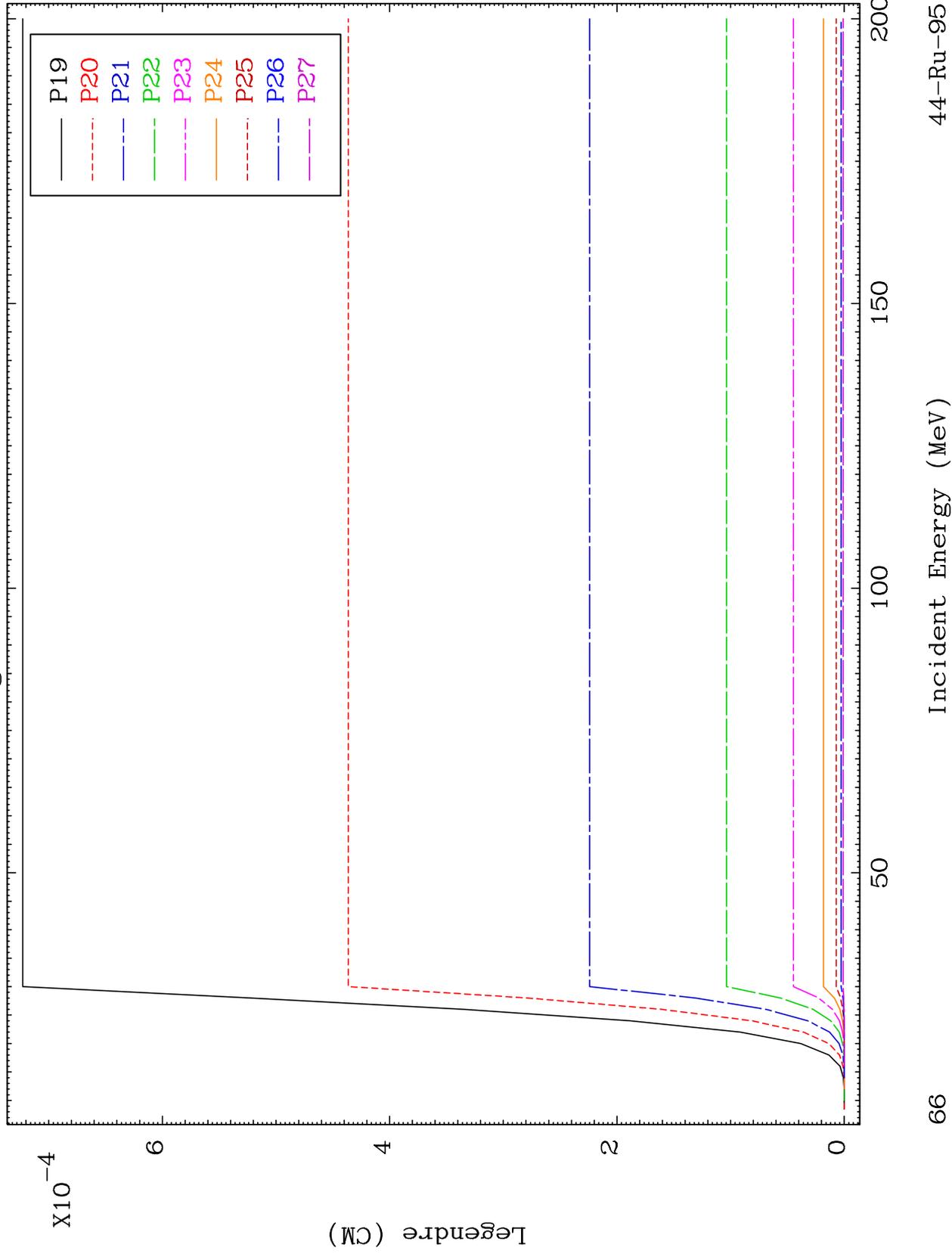
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

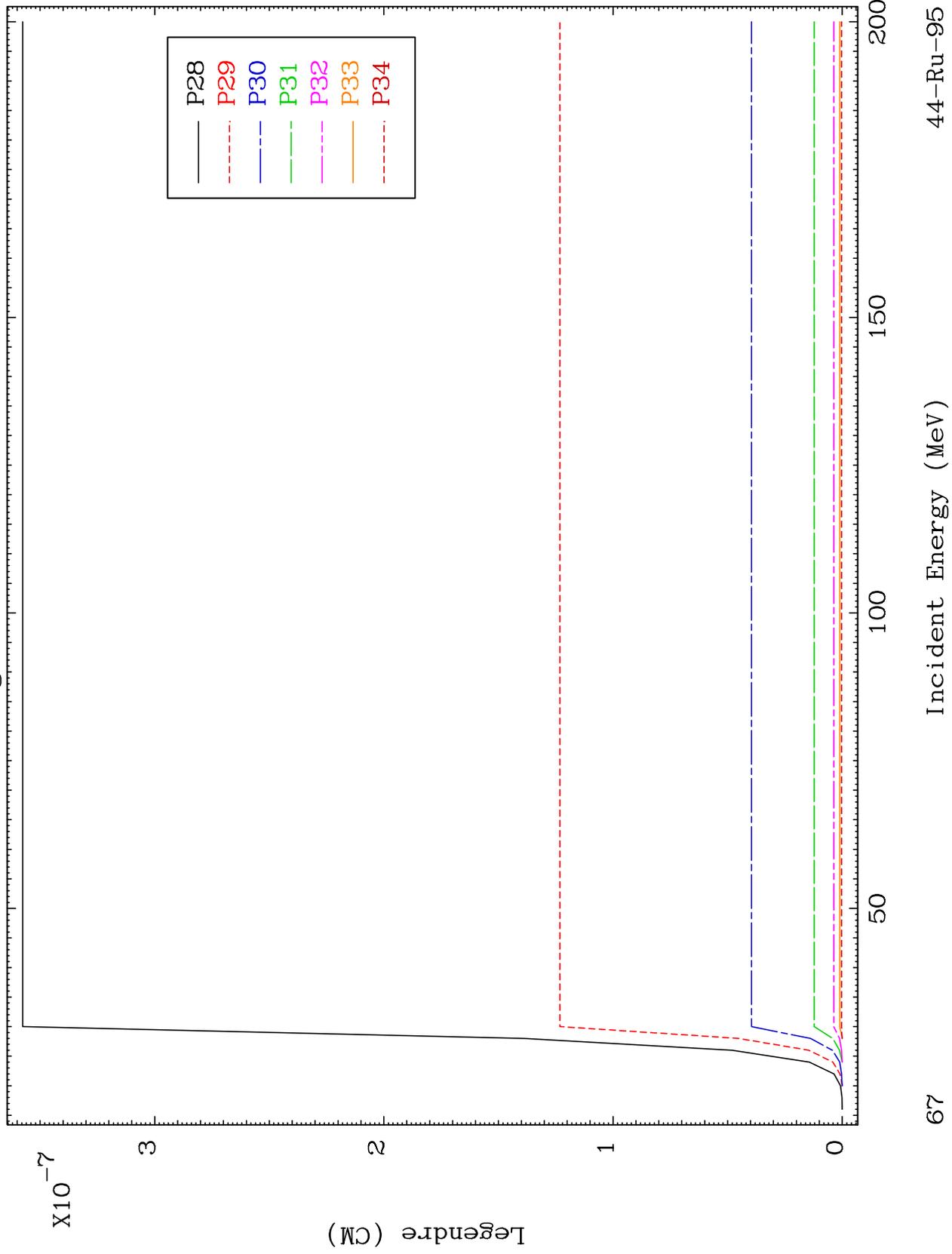
44-Ru-95



MAT 4422

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

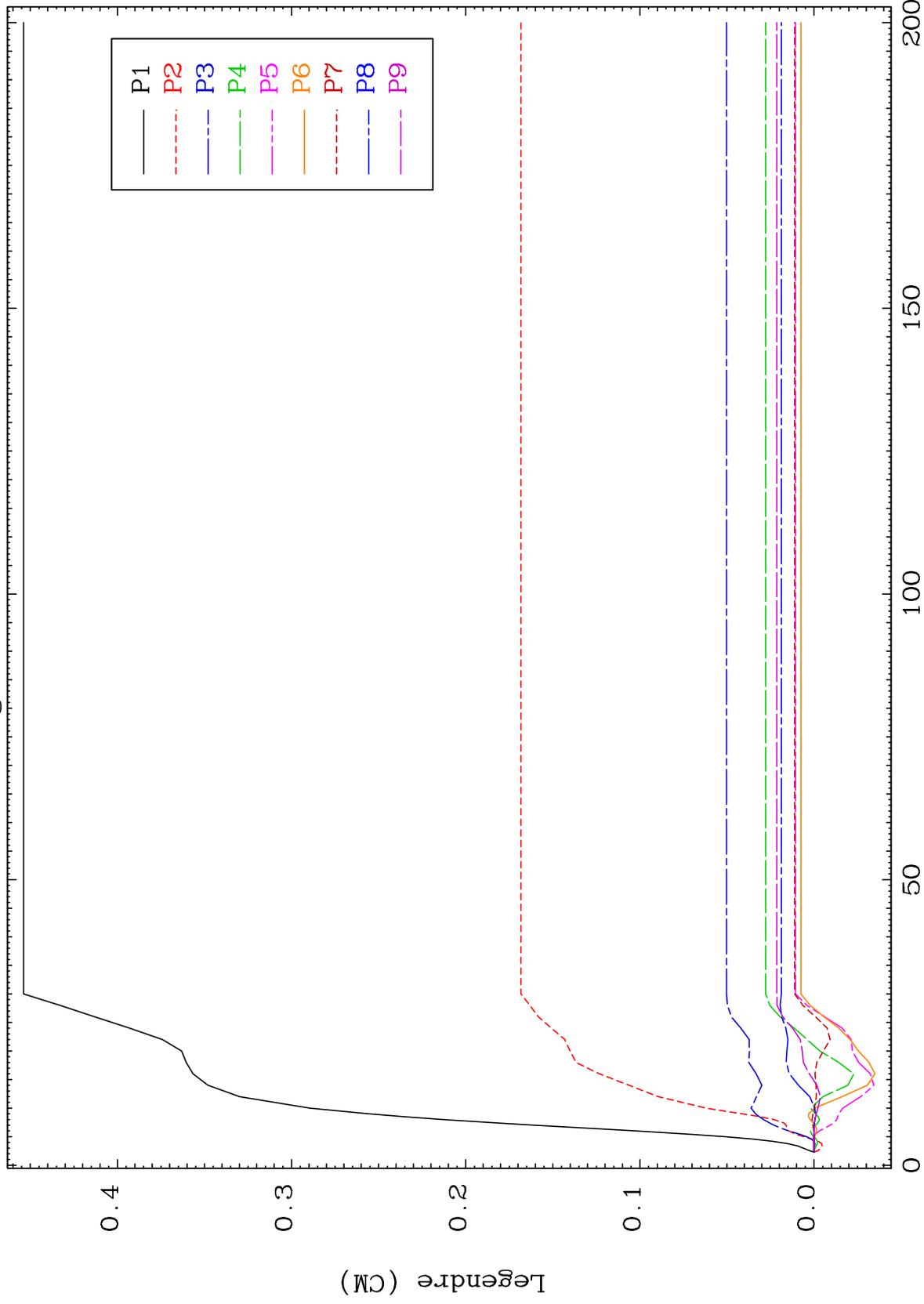
44-Ru-95



MAT 4422

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

44-Ru-95



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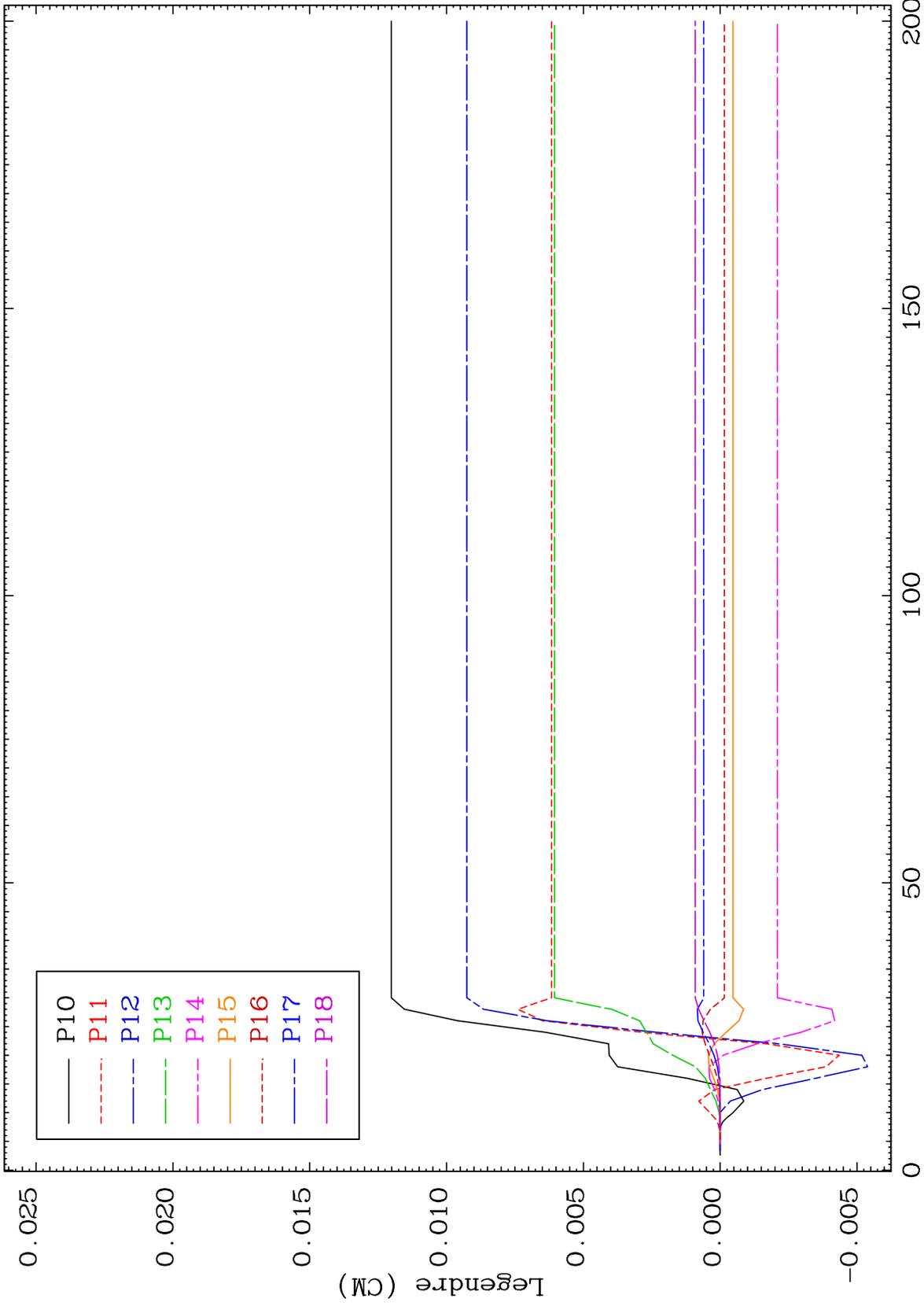
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

44-Ru-95



69

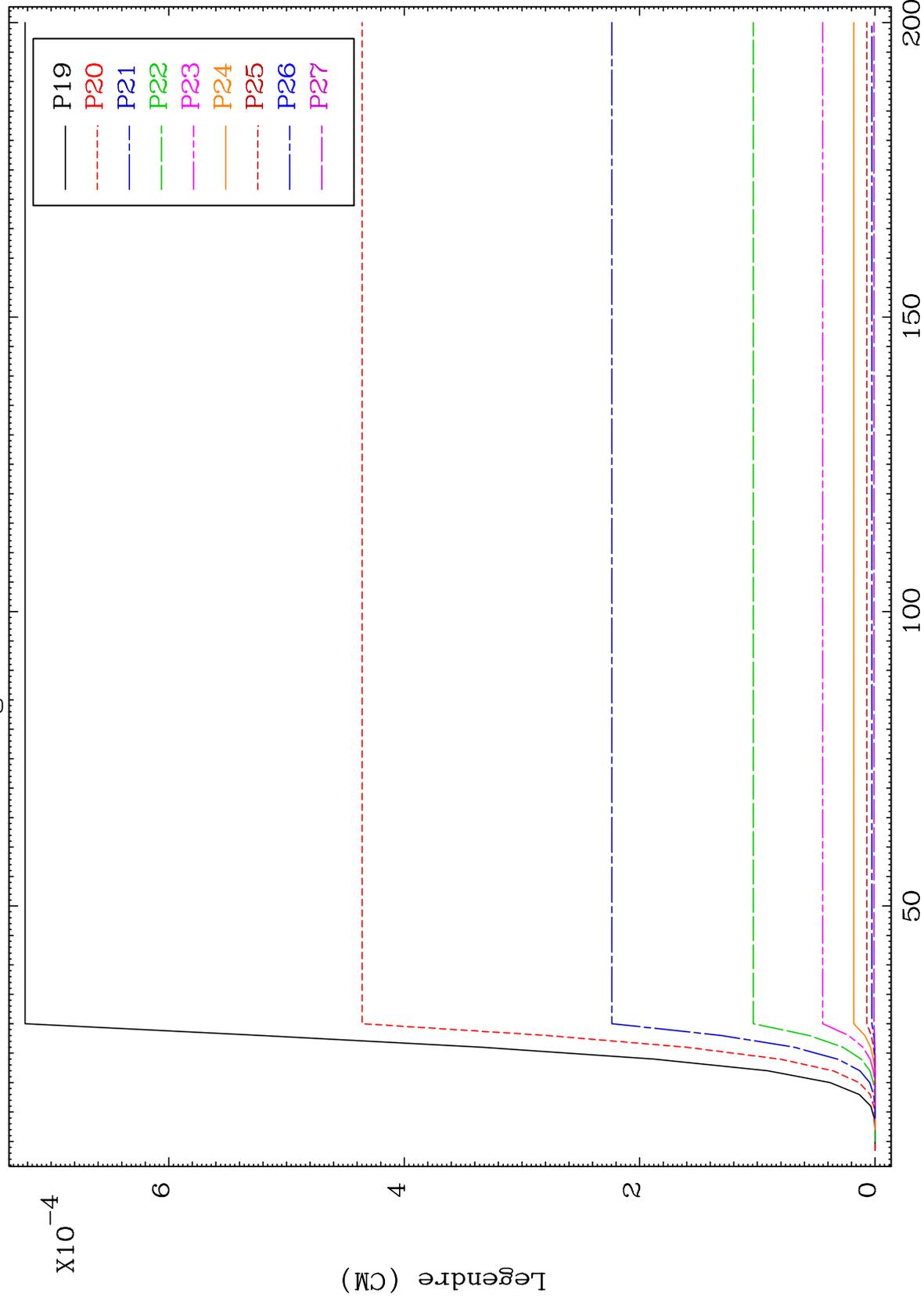
44-Ru-95

44-Ru-95

MAT 4422

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

44-Ru-95



70

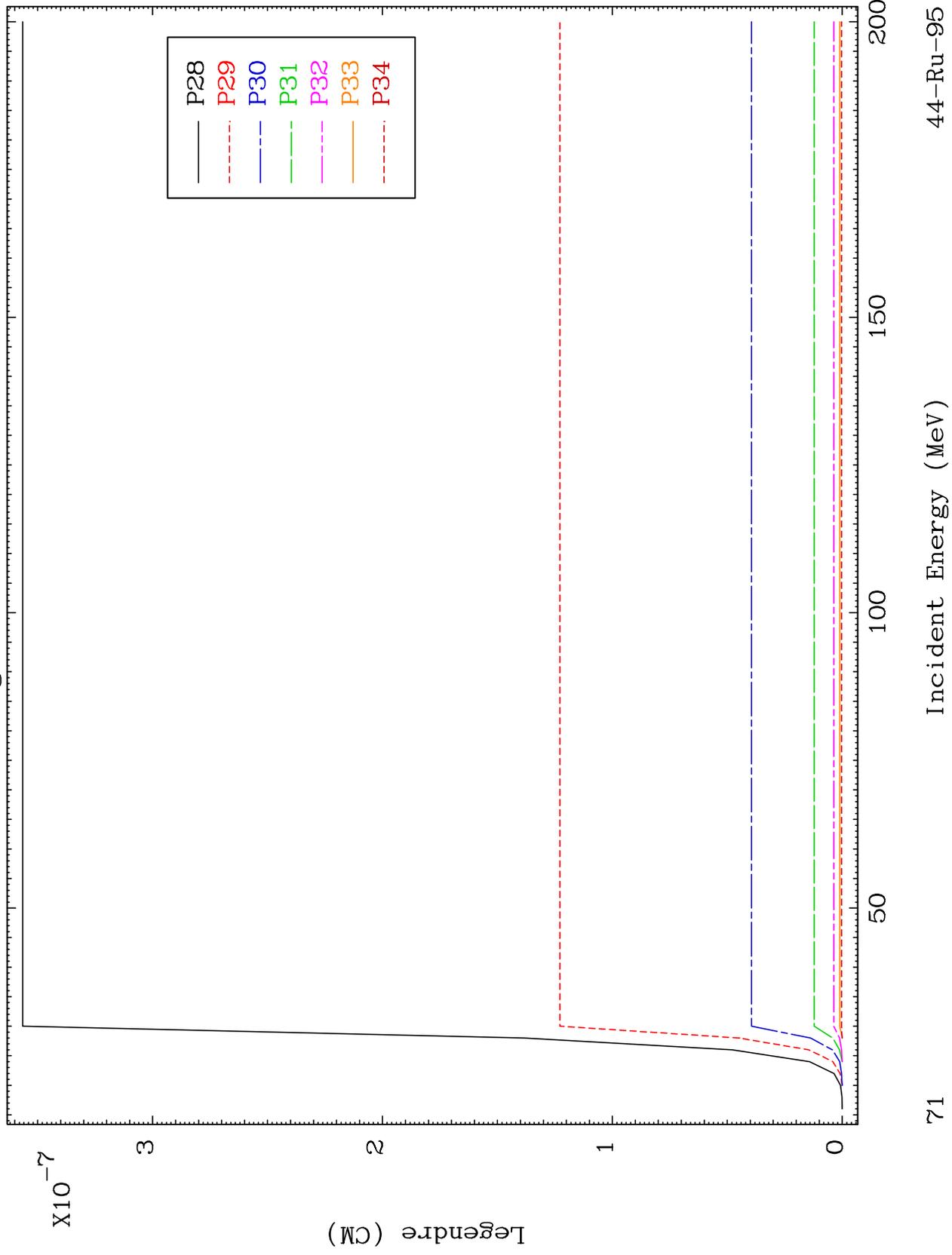
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

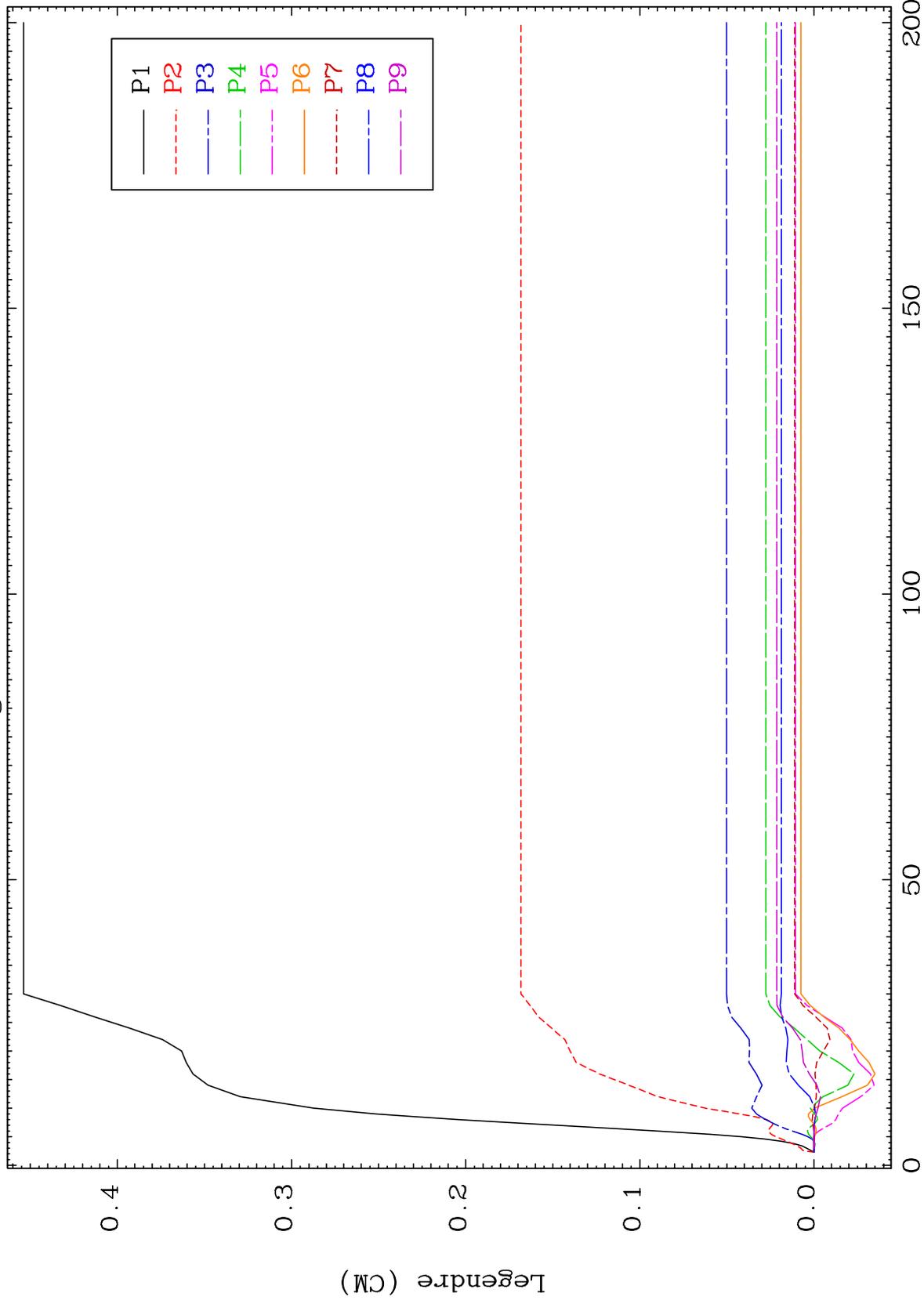
44-Ru-95



MAT 4422

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

44-Ru-95



72

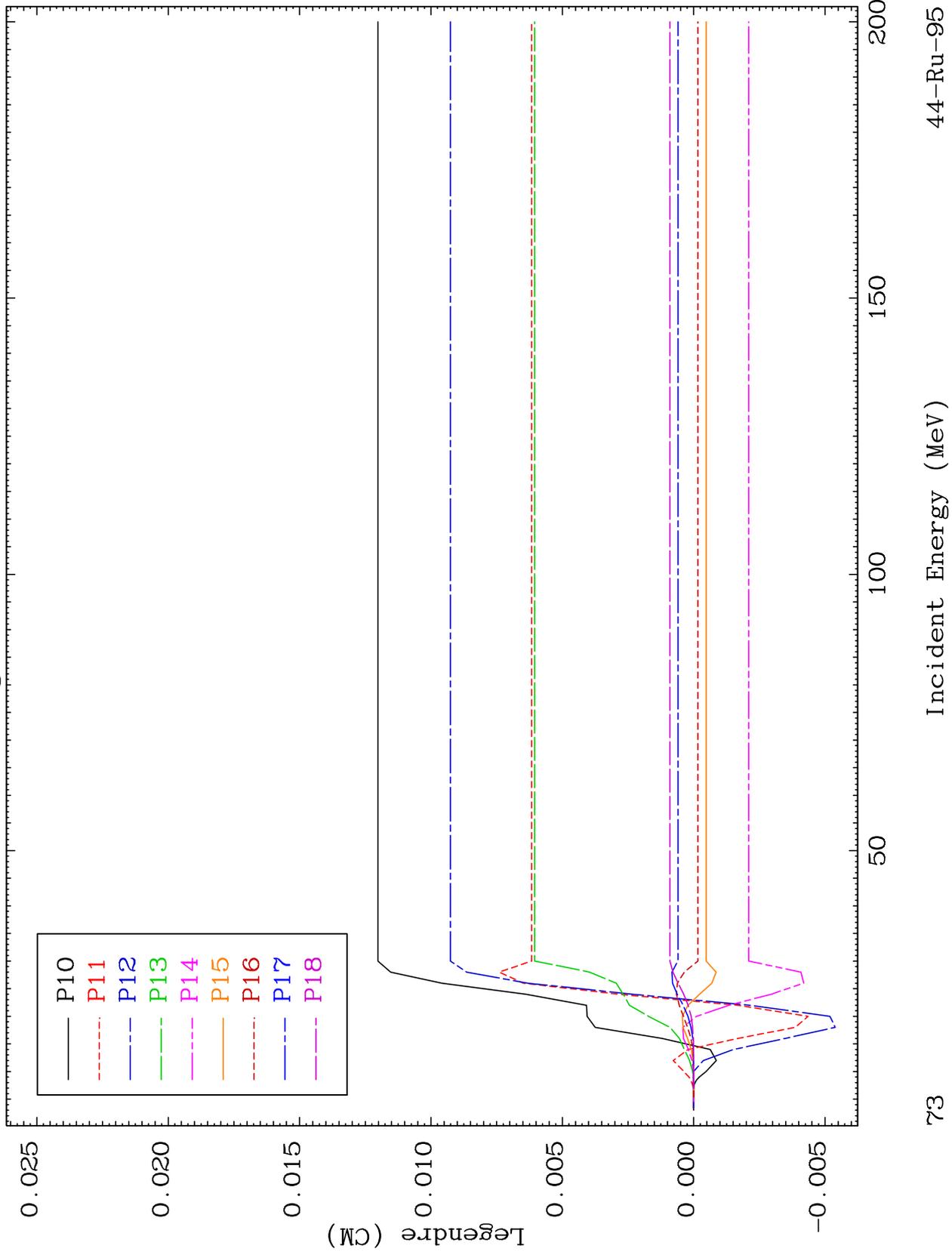
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

44-Ru-95

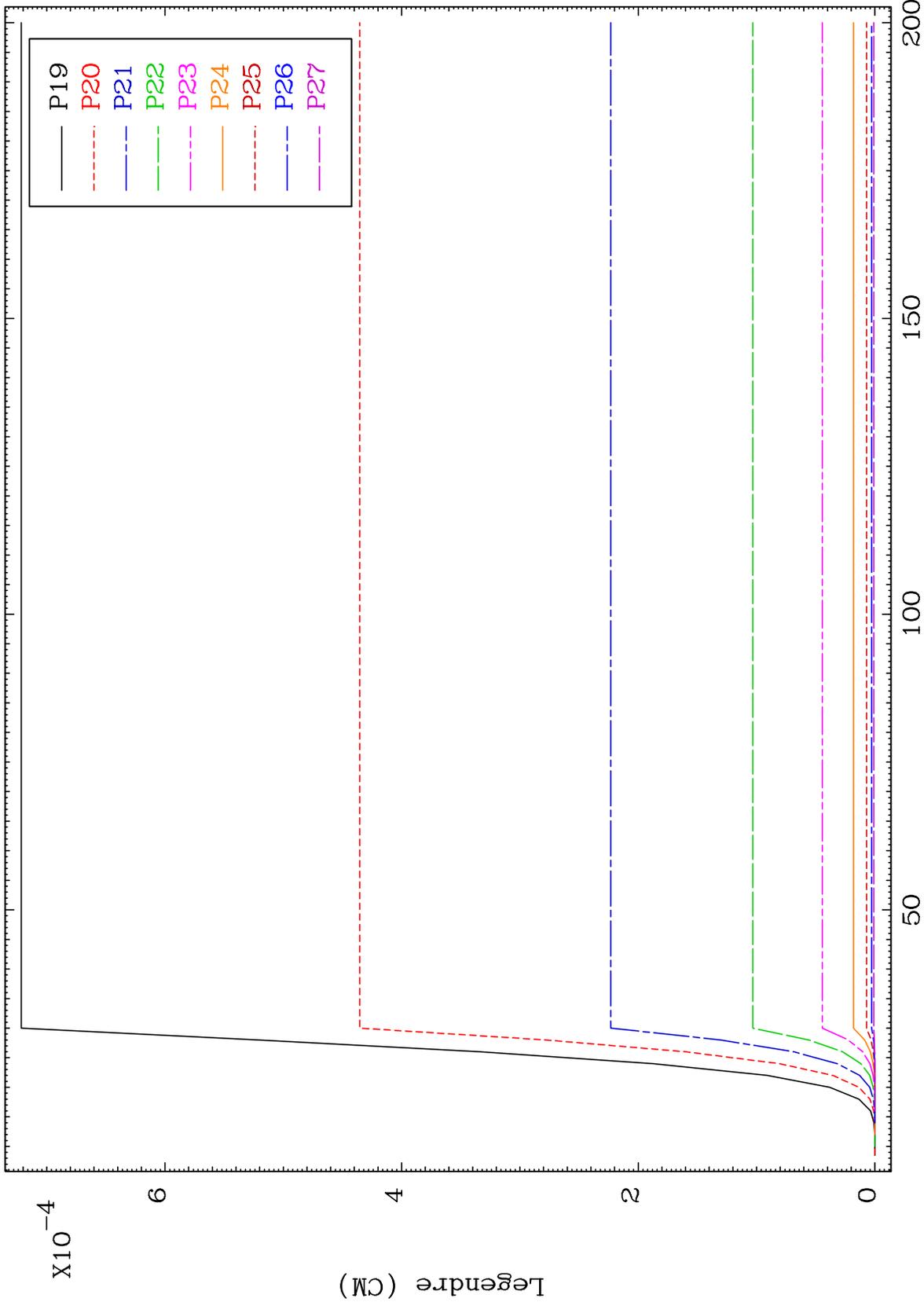


73

MAT 4422

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

44-Ru-95



74

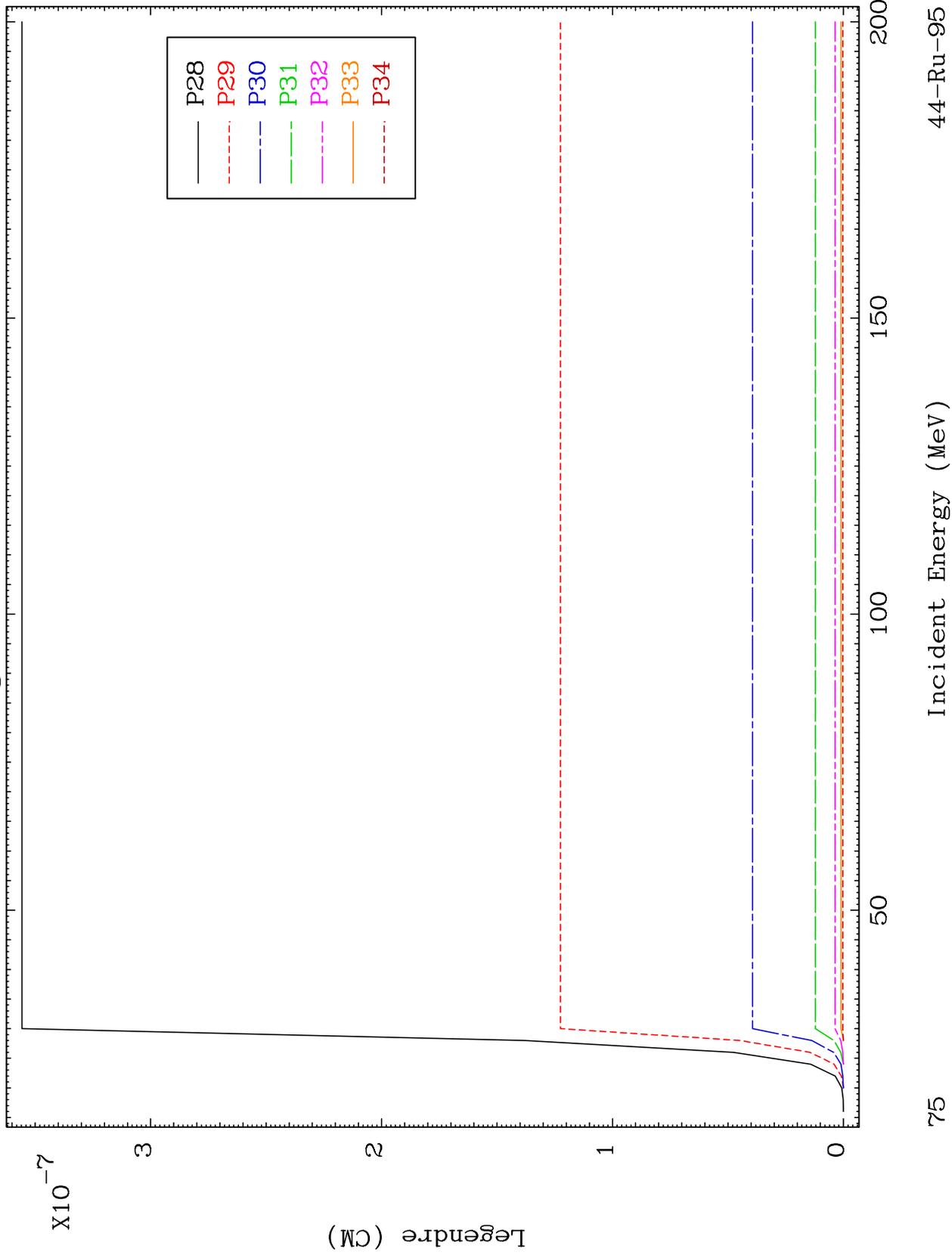
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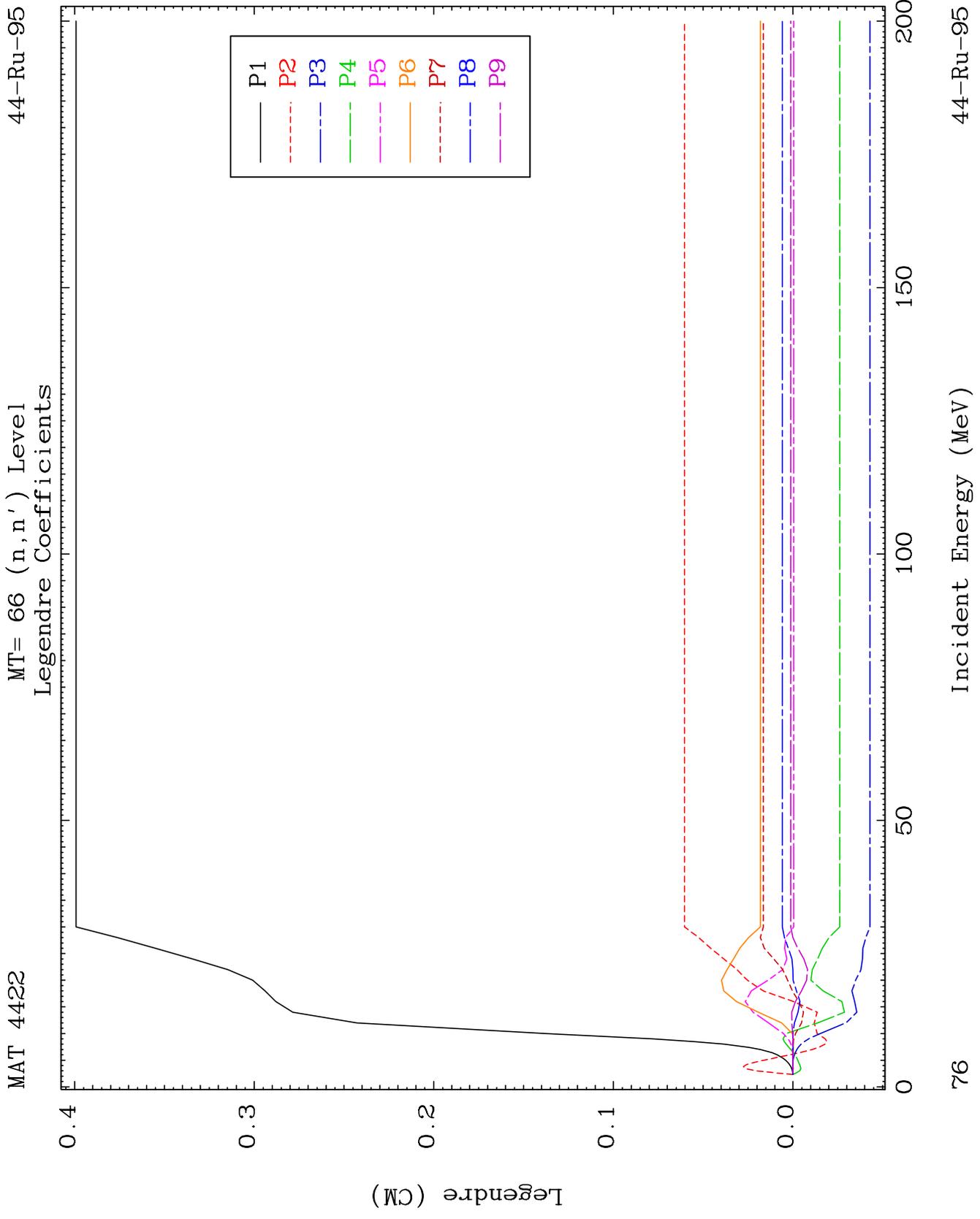
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MAT 4422

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

44-Ru-95

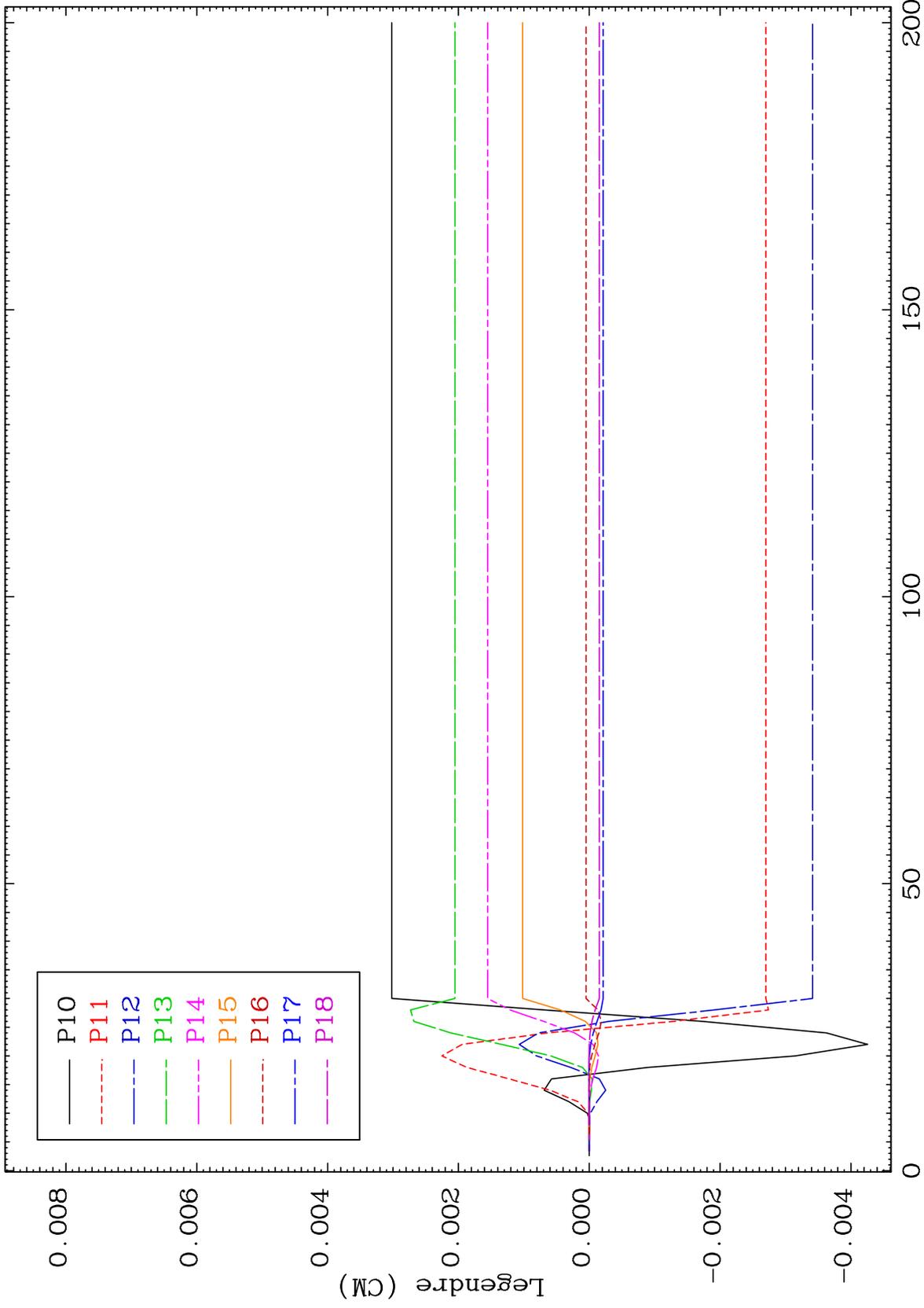




MAT 4422

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

44-Ru-95



77

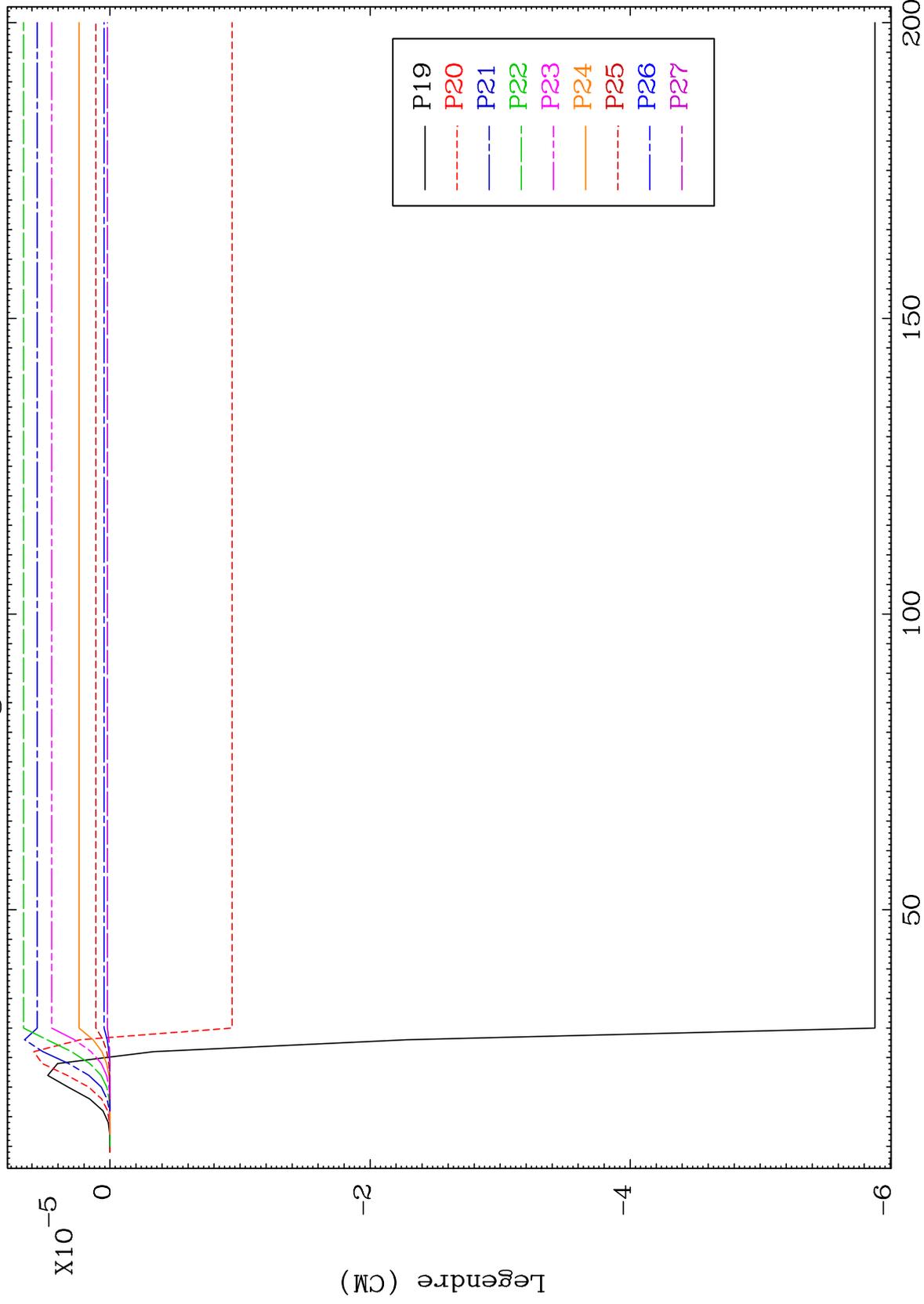
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

44-Ru-95



78

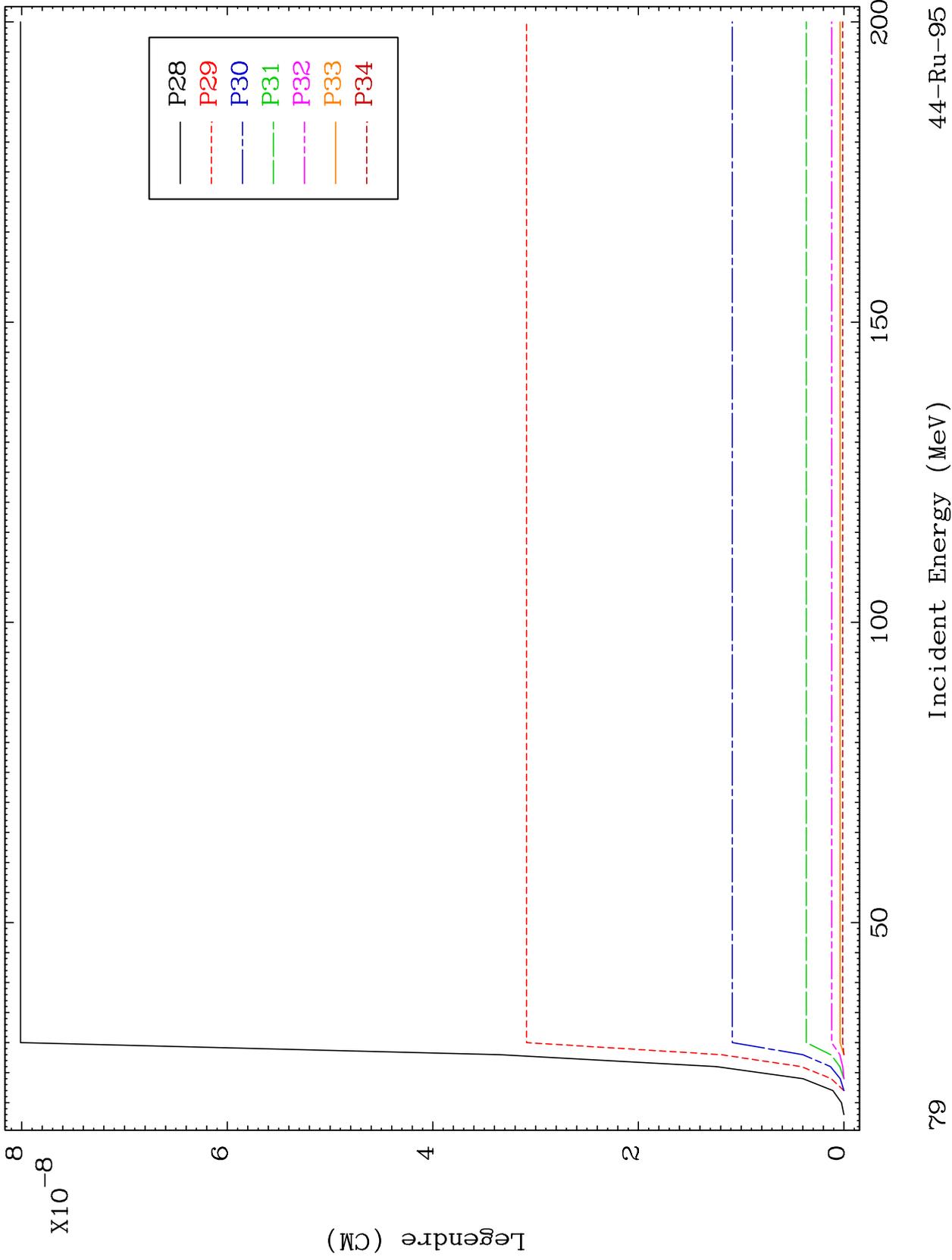
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

44-Ru-95



79

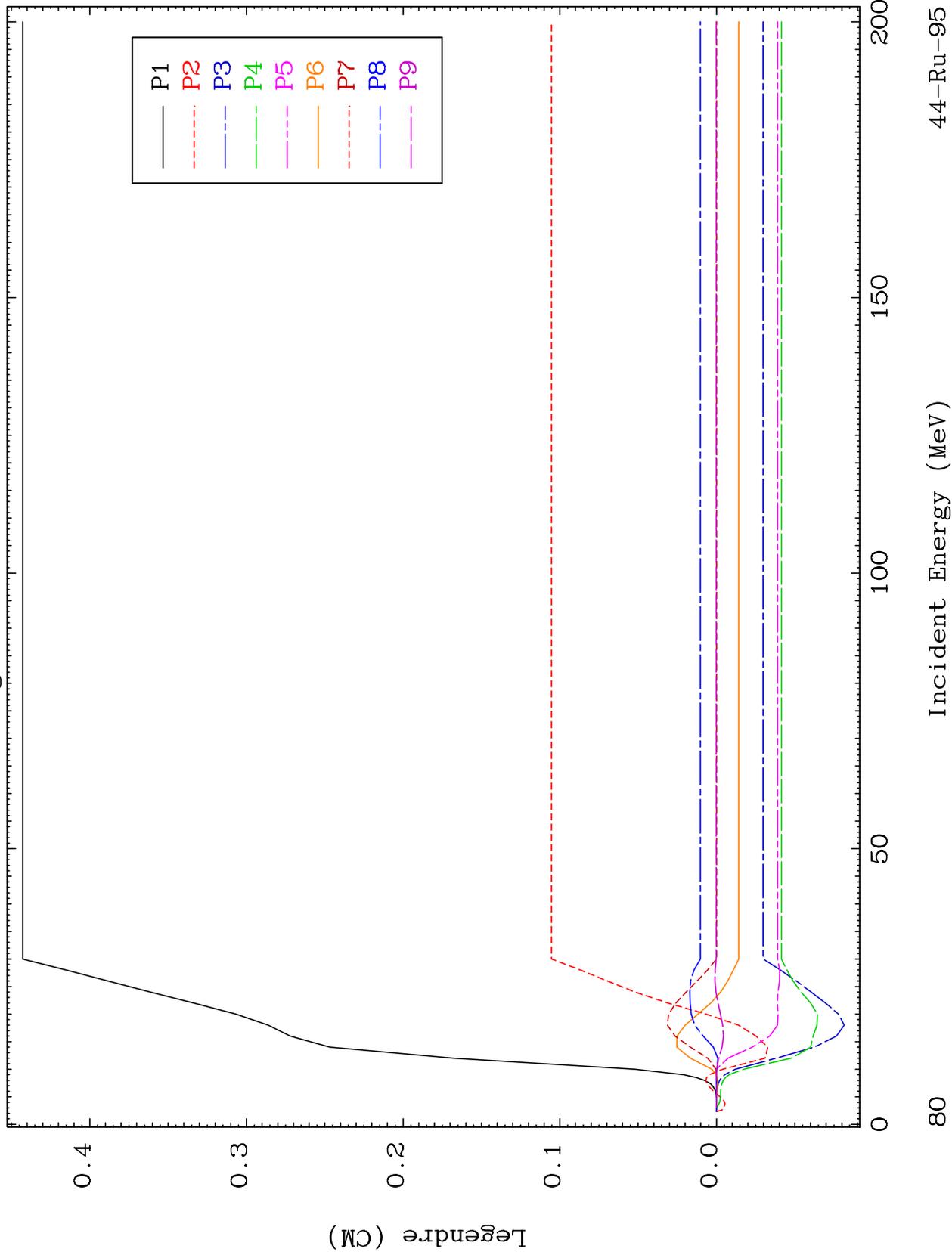
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

44-Ru-95

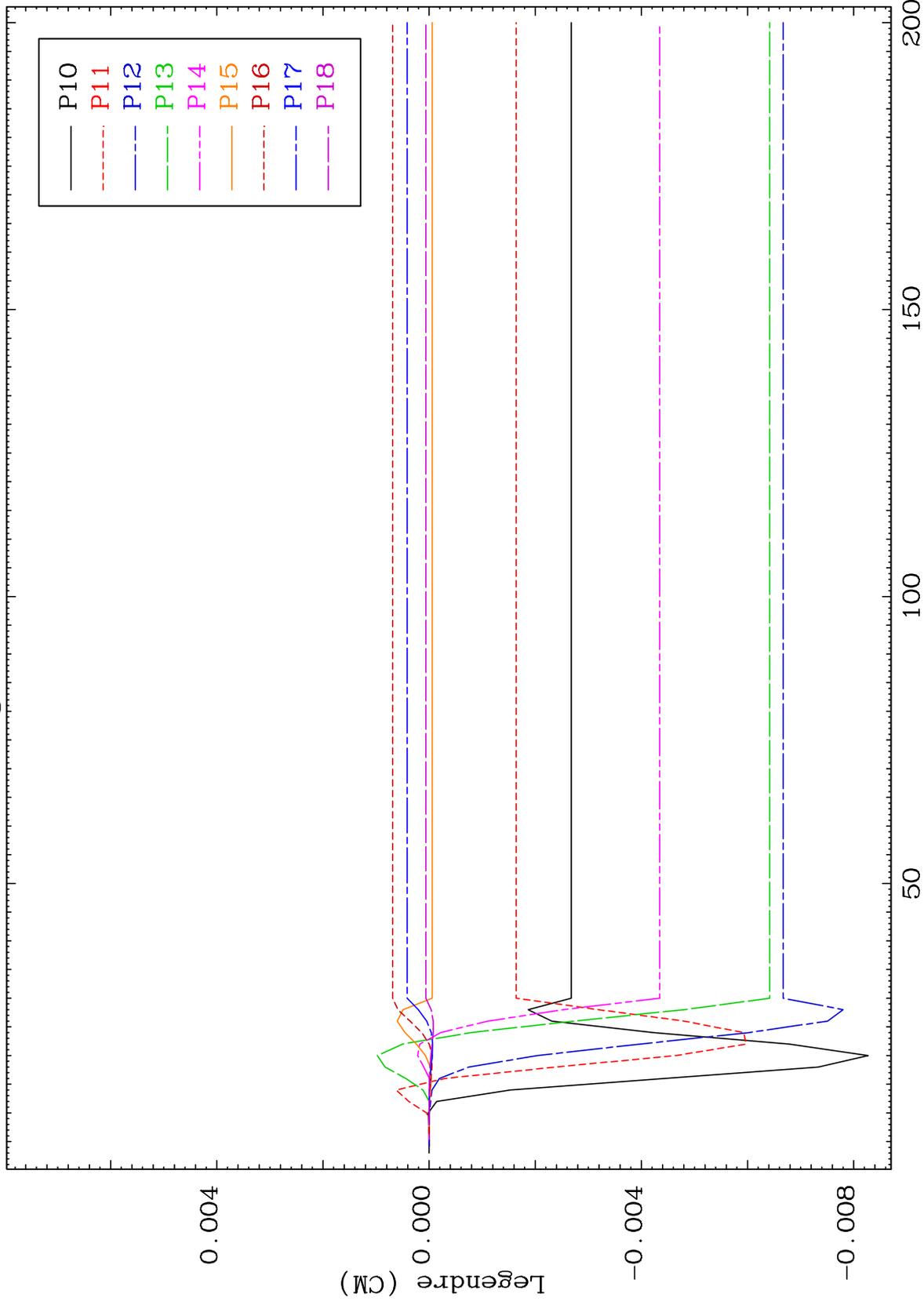


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MAT 4422

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

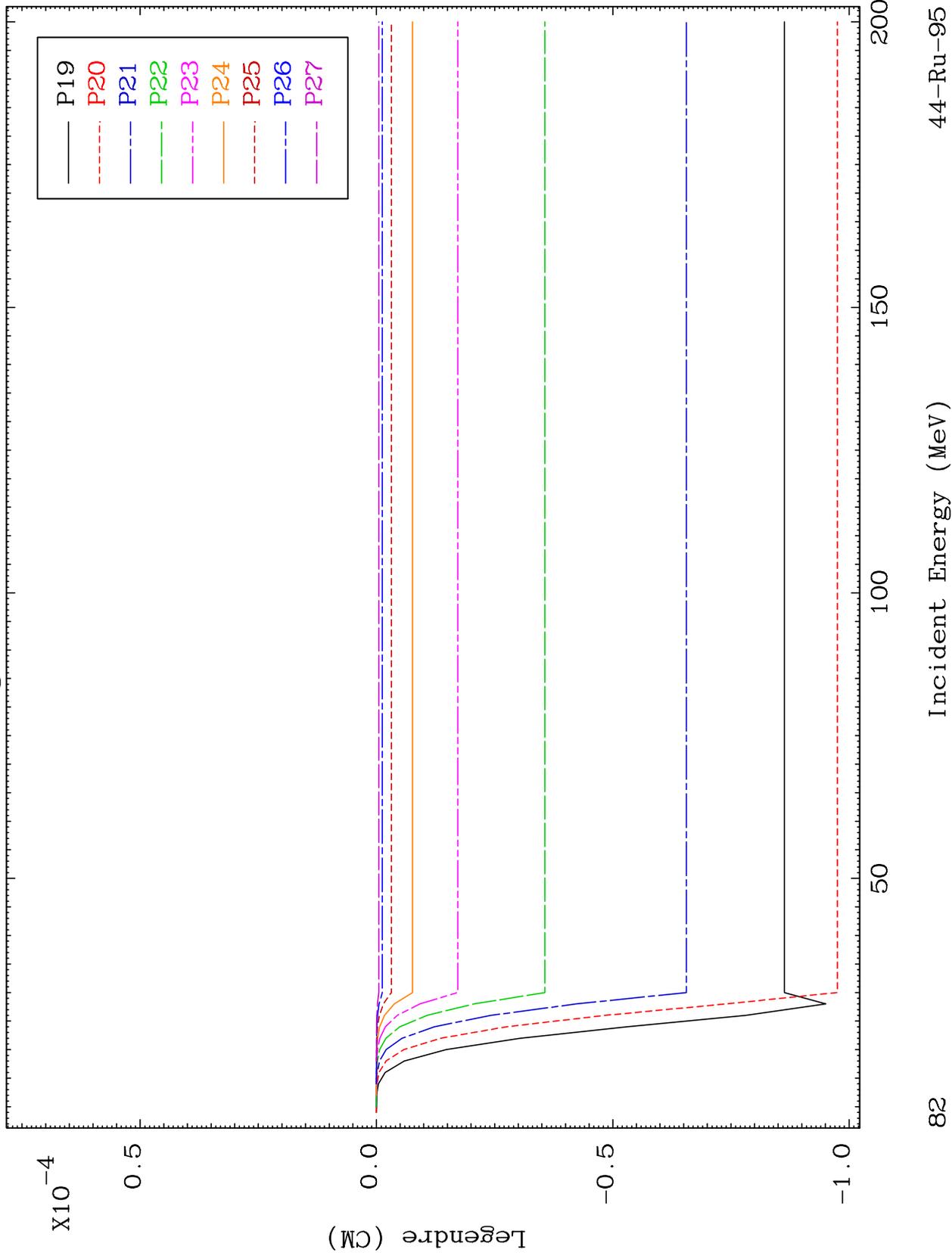
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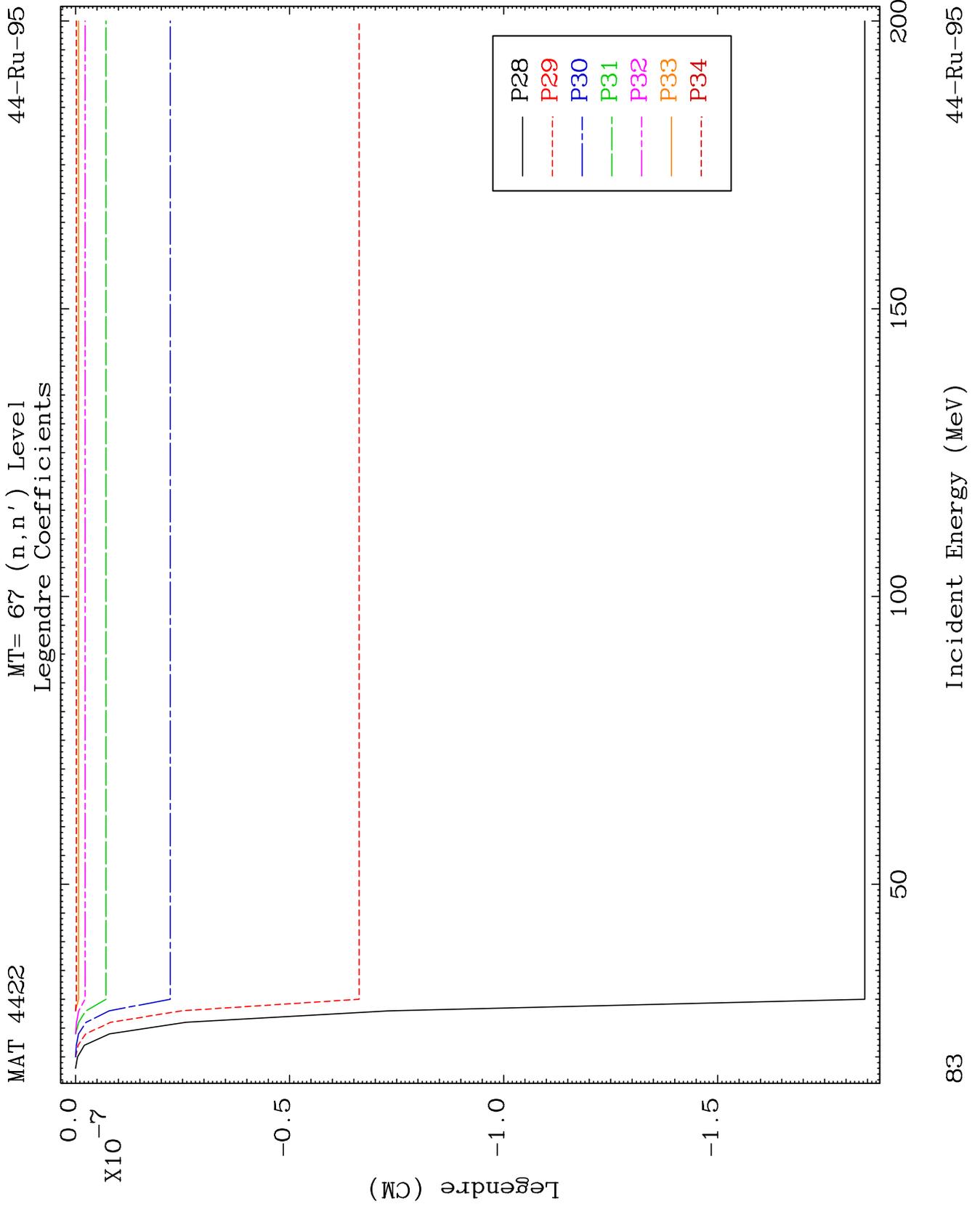


MAT 4422

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

44-Ru-95

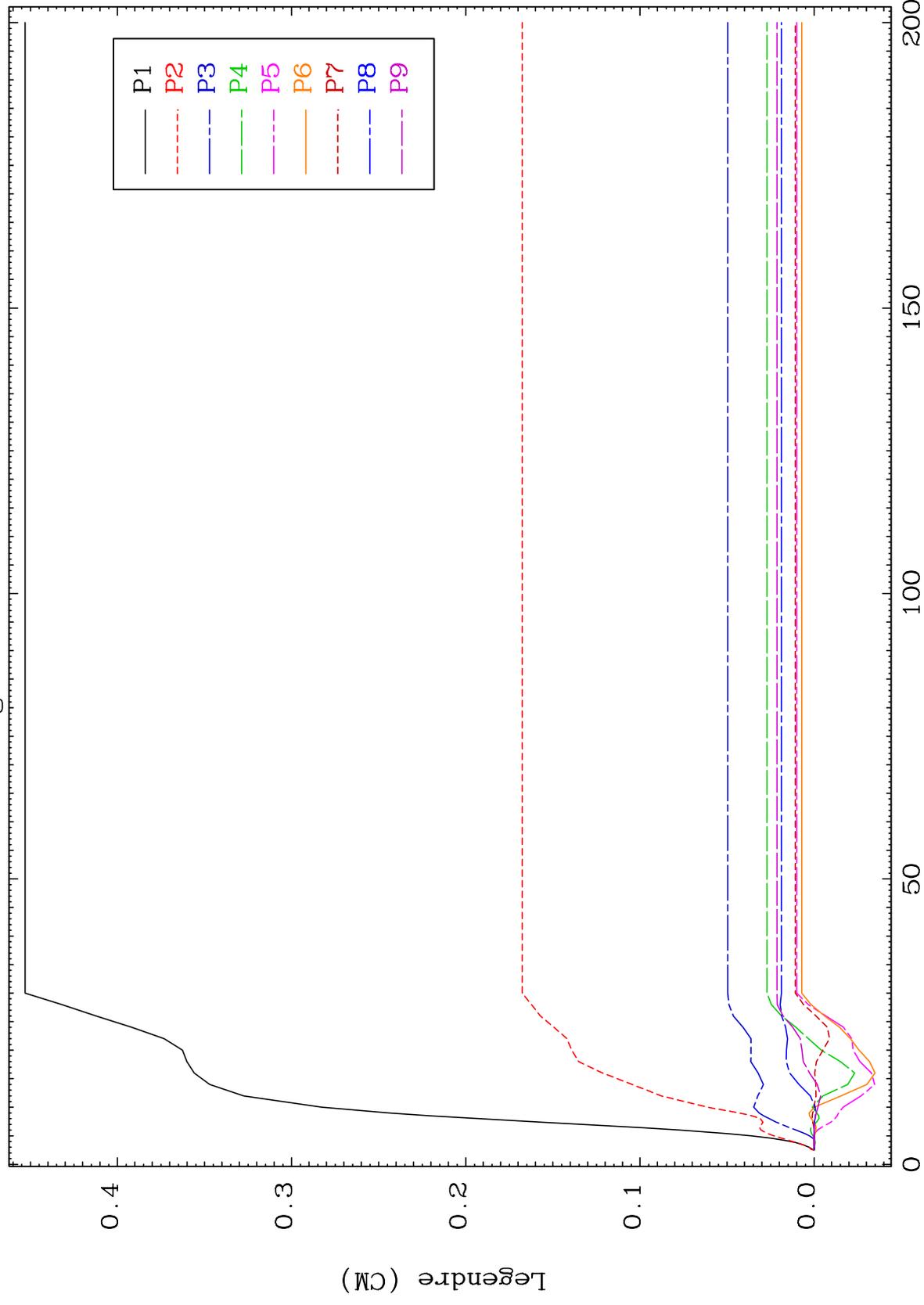




MAT 4422

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

44-Ru-95



84

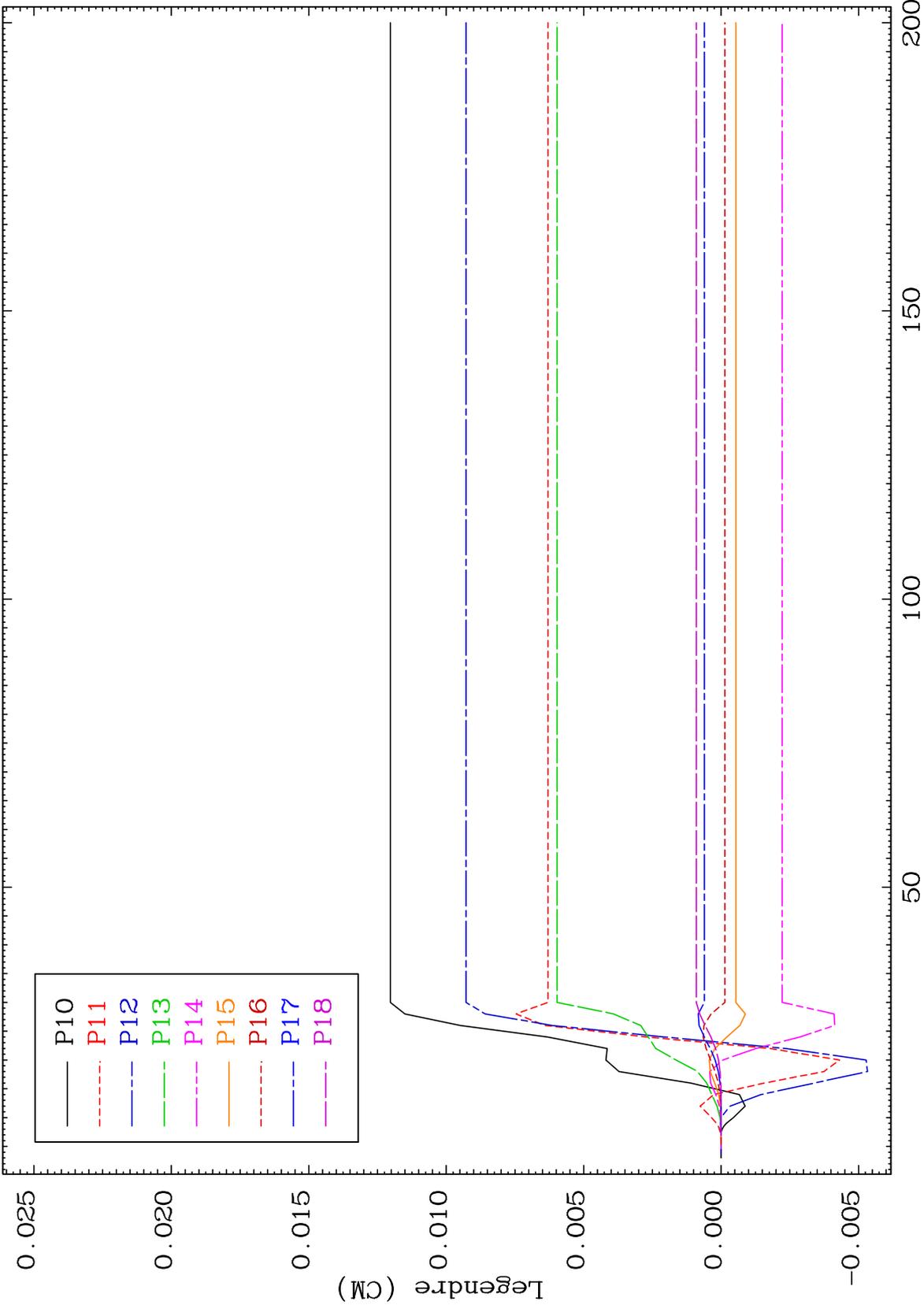
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

44-Ru-95



85

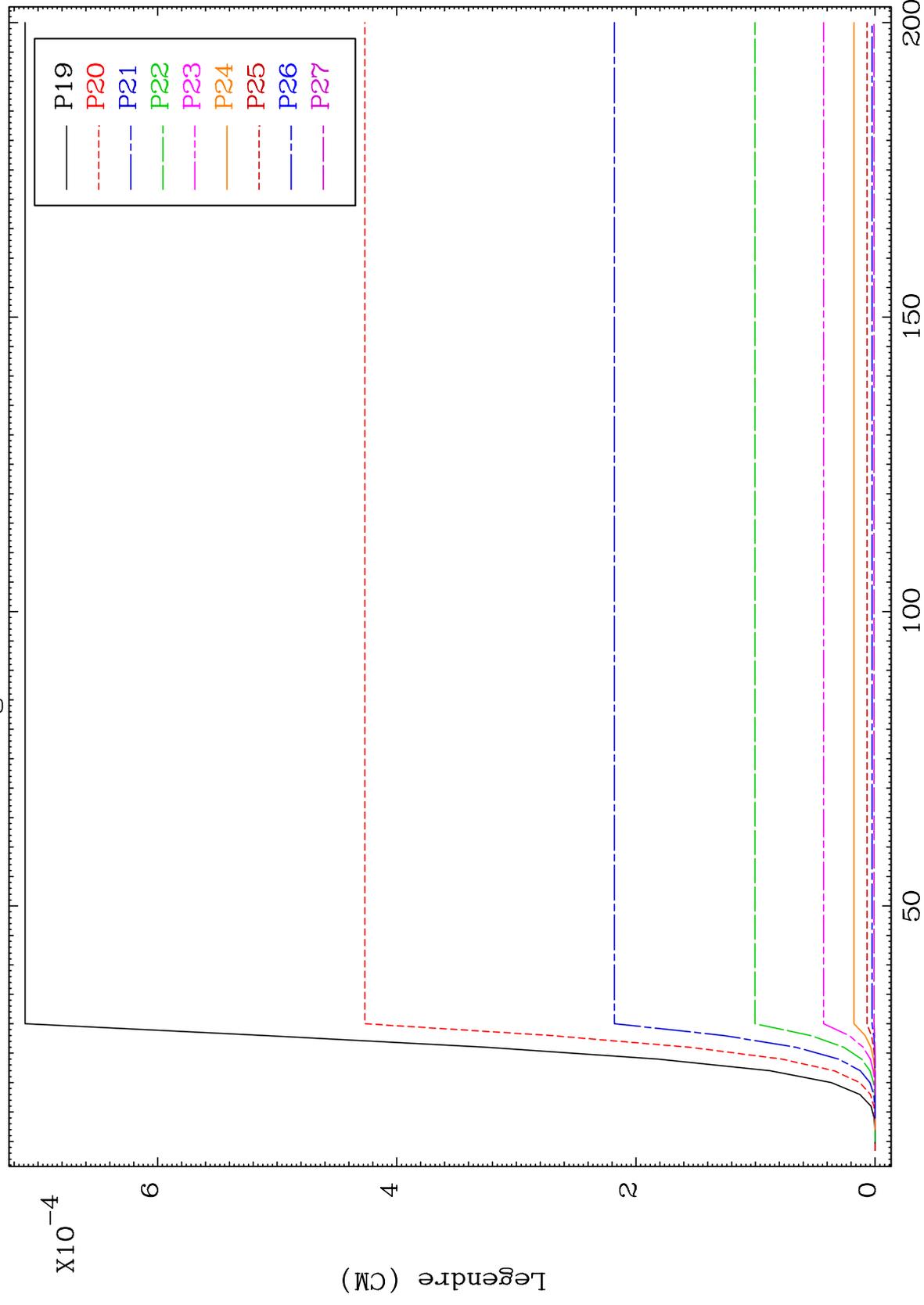
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

44-Ru-95



86

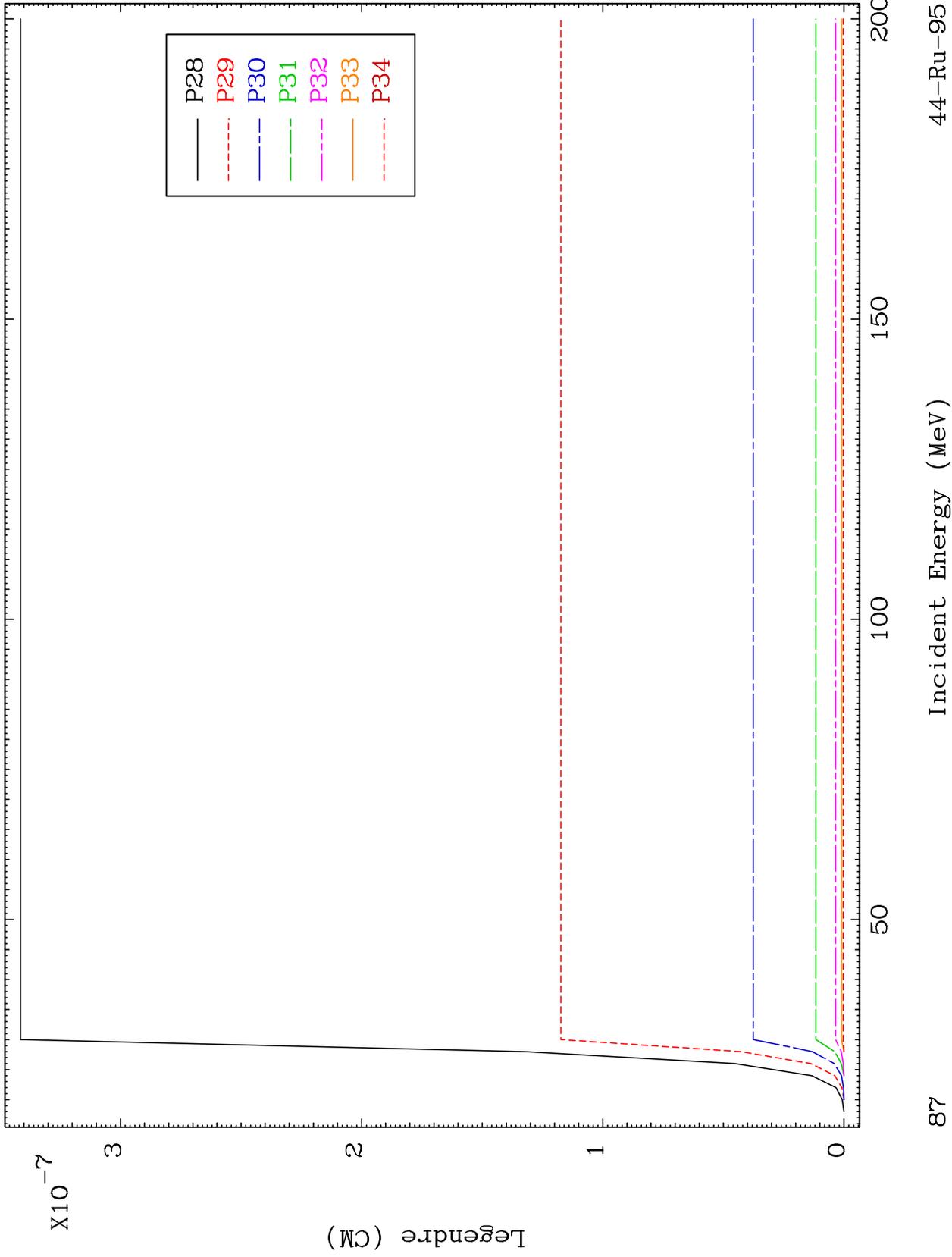
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

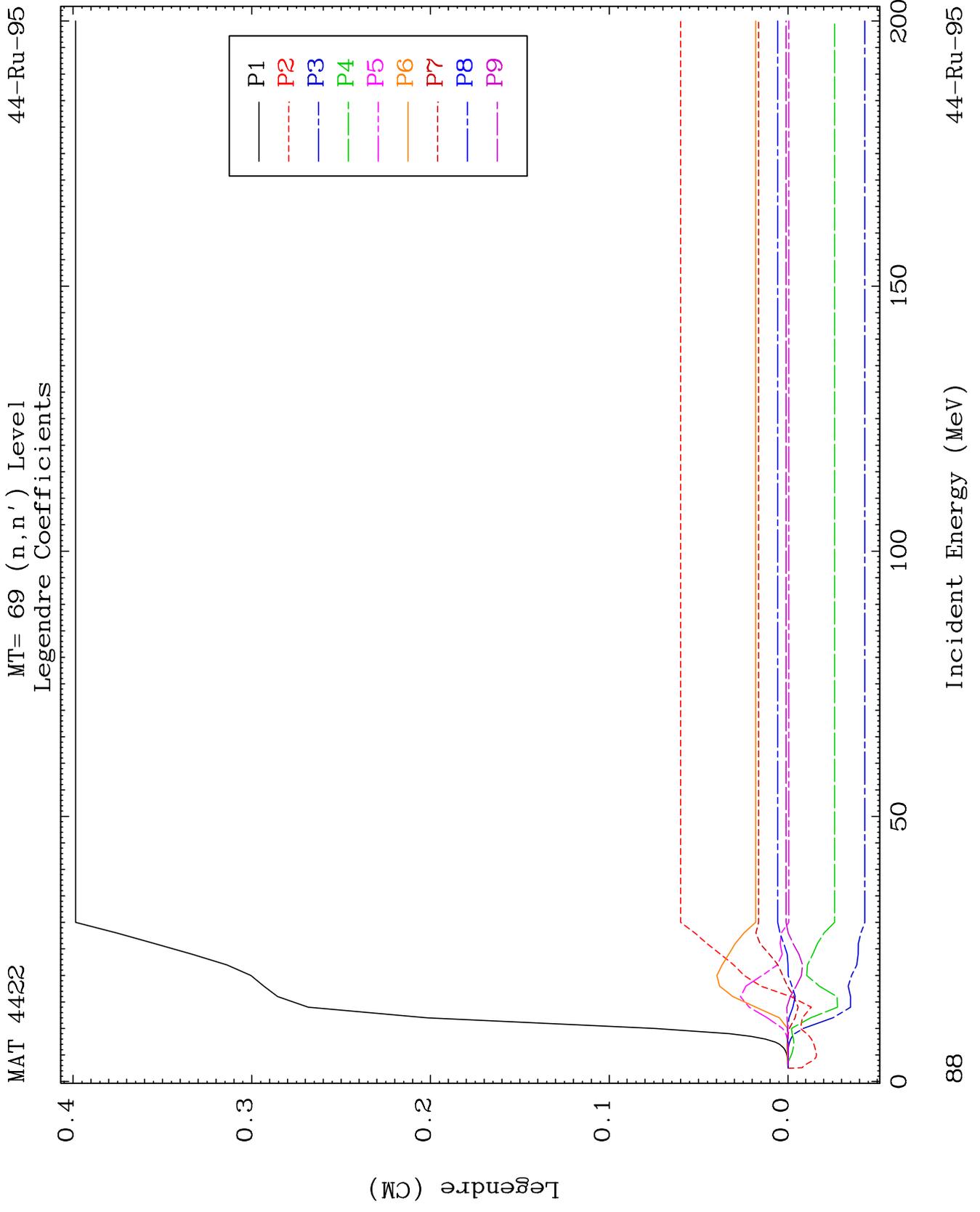
44-Ru-95



87

Incident Energy (MeV)

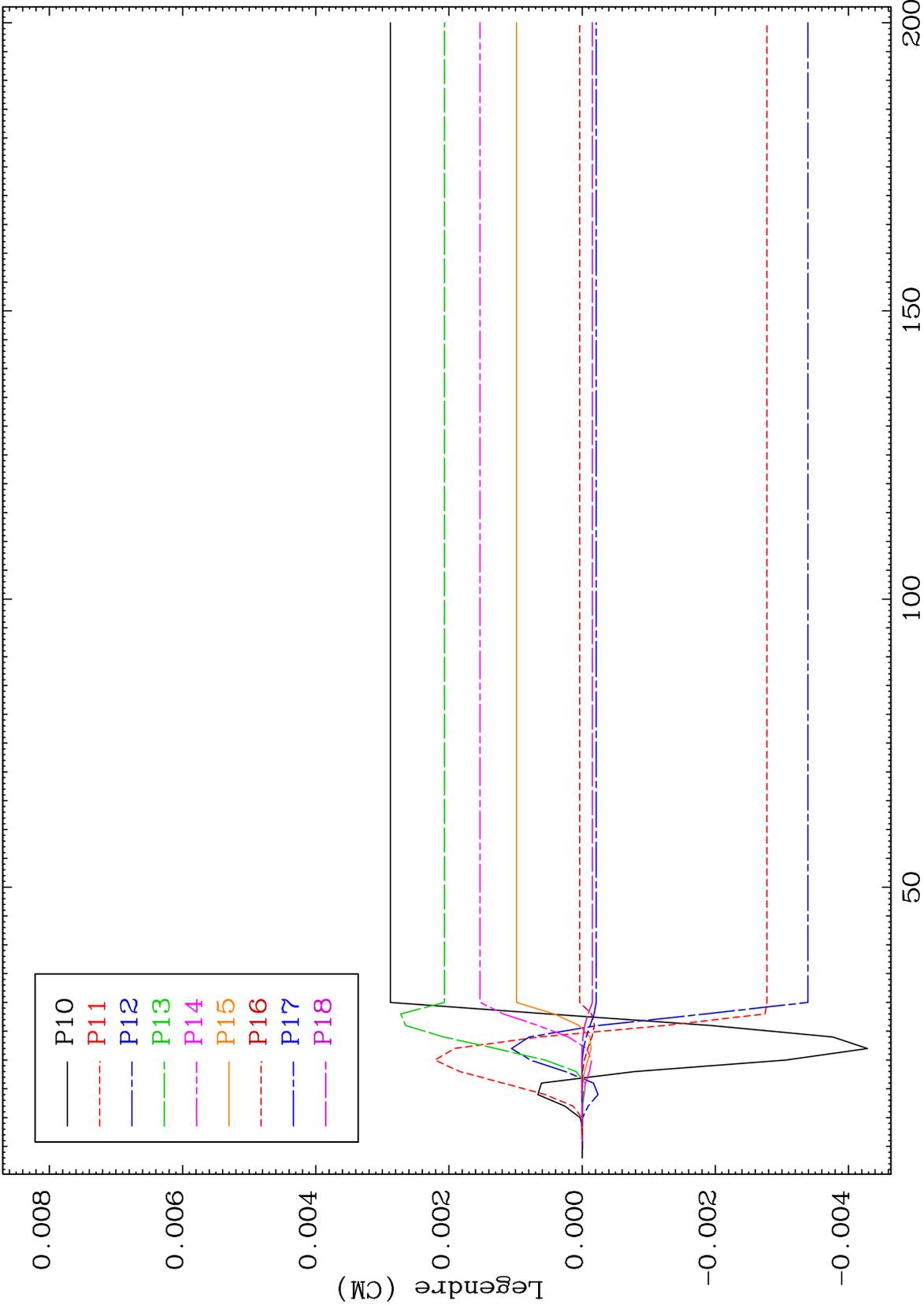
44-Ru-95



MAT 4422

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

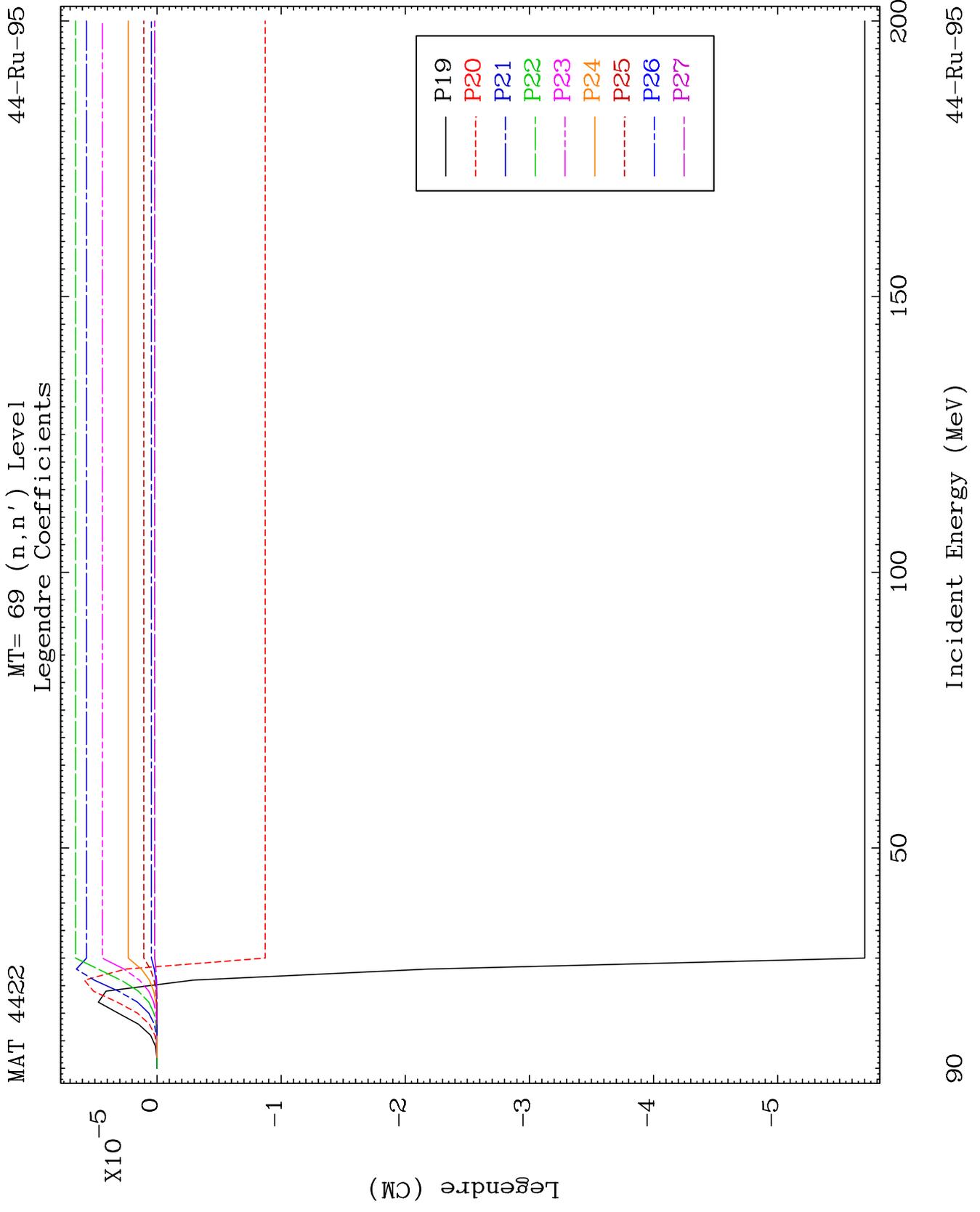
44-Ru-95



89

Incident Energy (MeV)

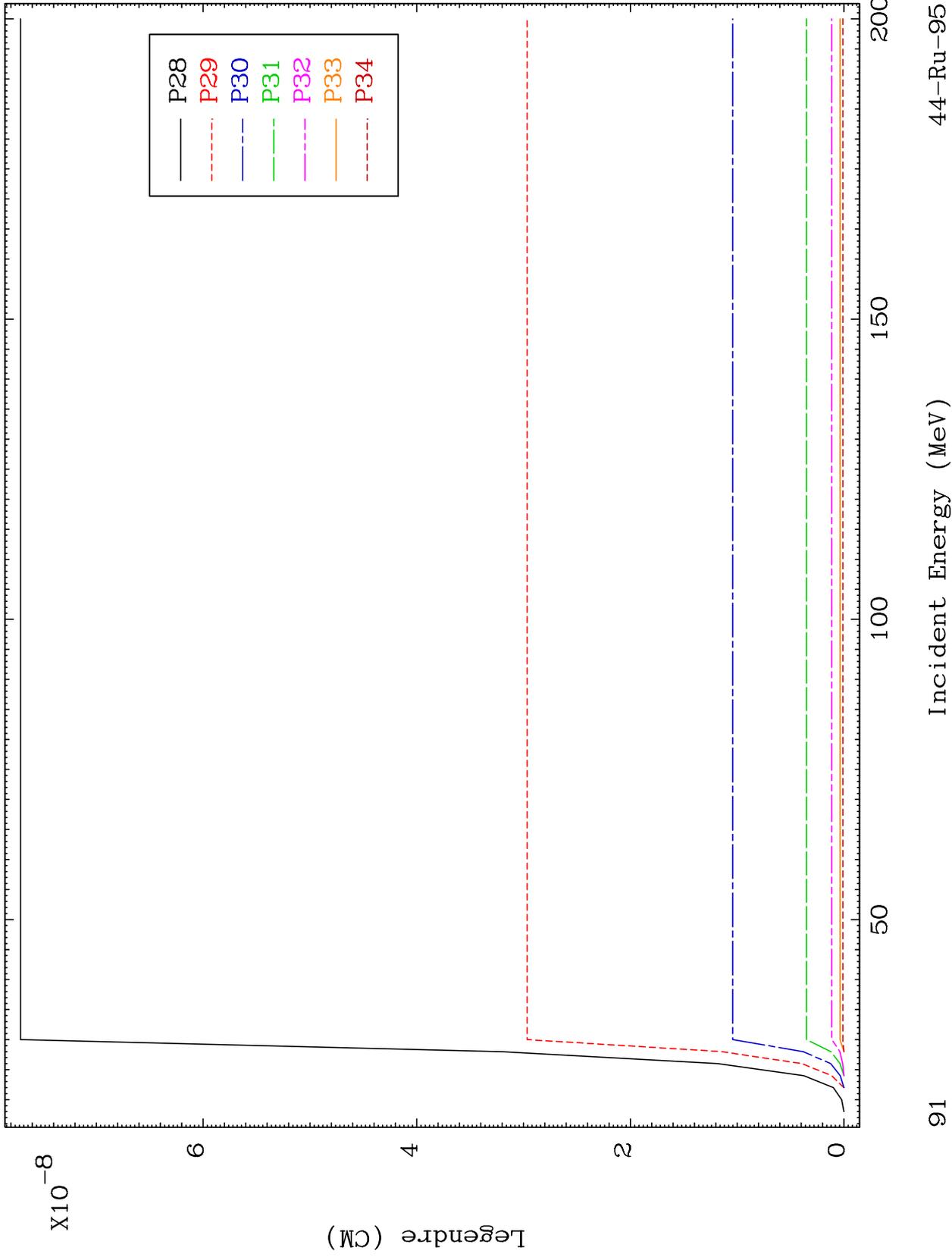
44-Ru-95



MAT 4422

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

44-Ru-95

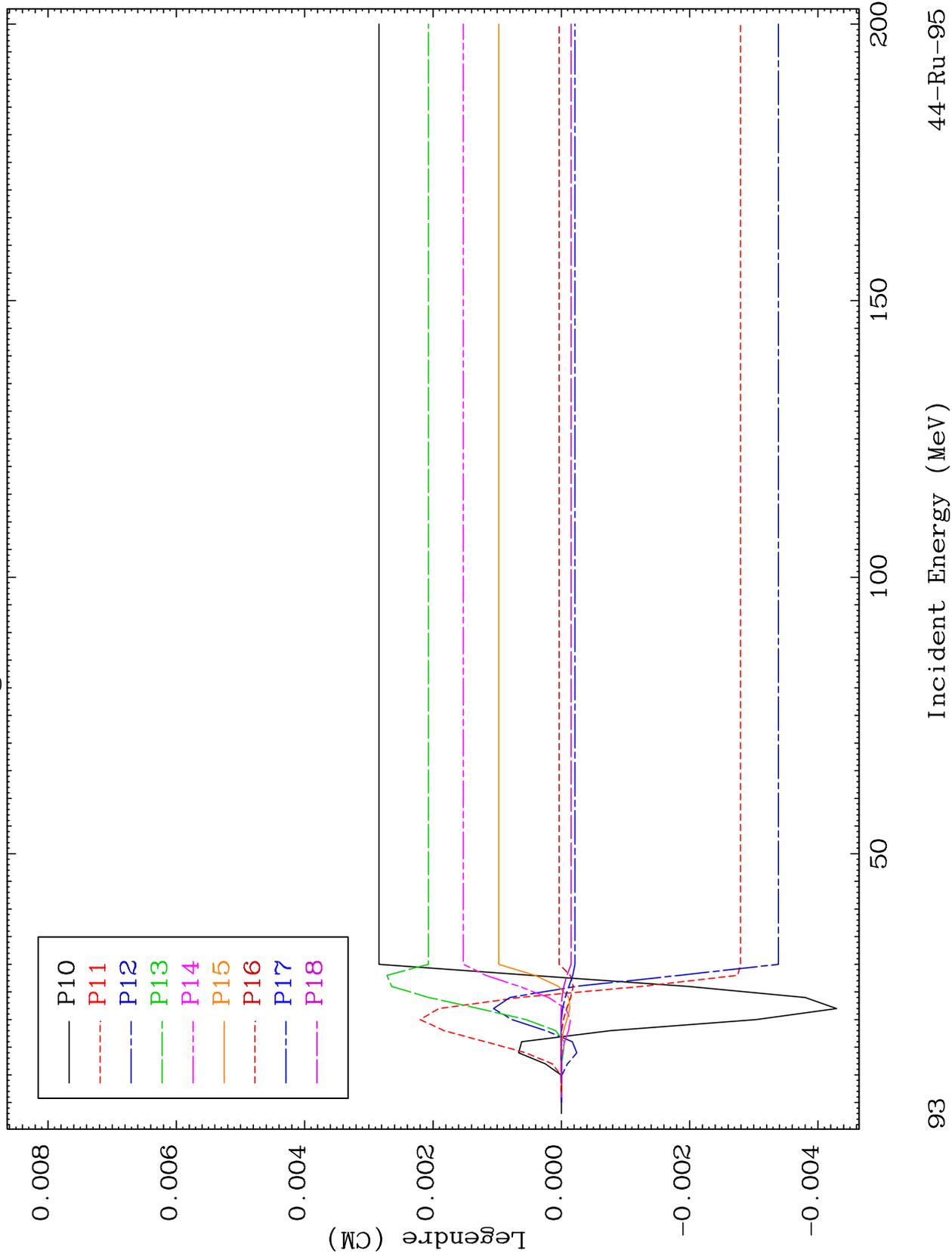




MAT 4422

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

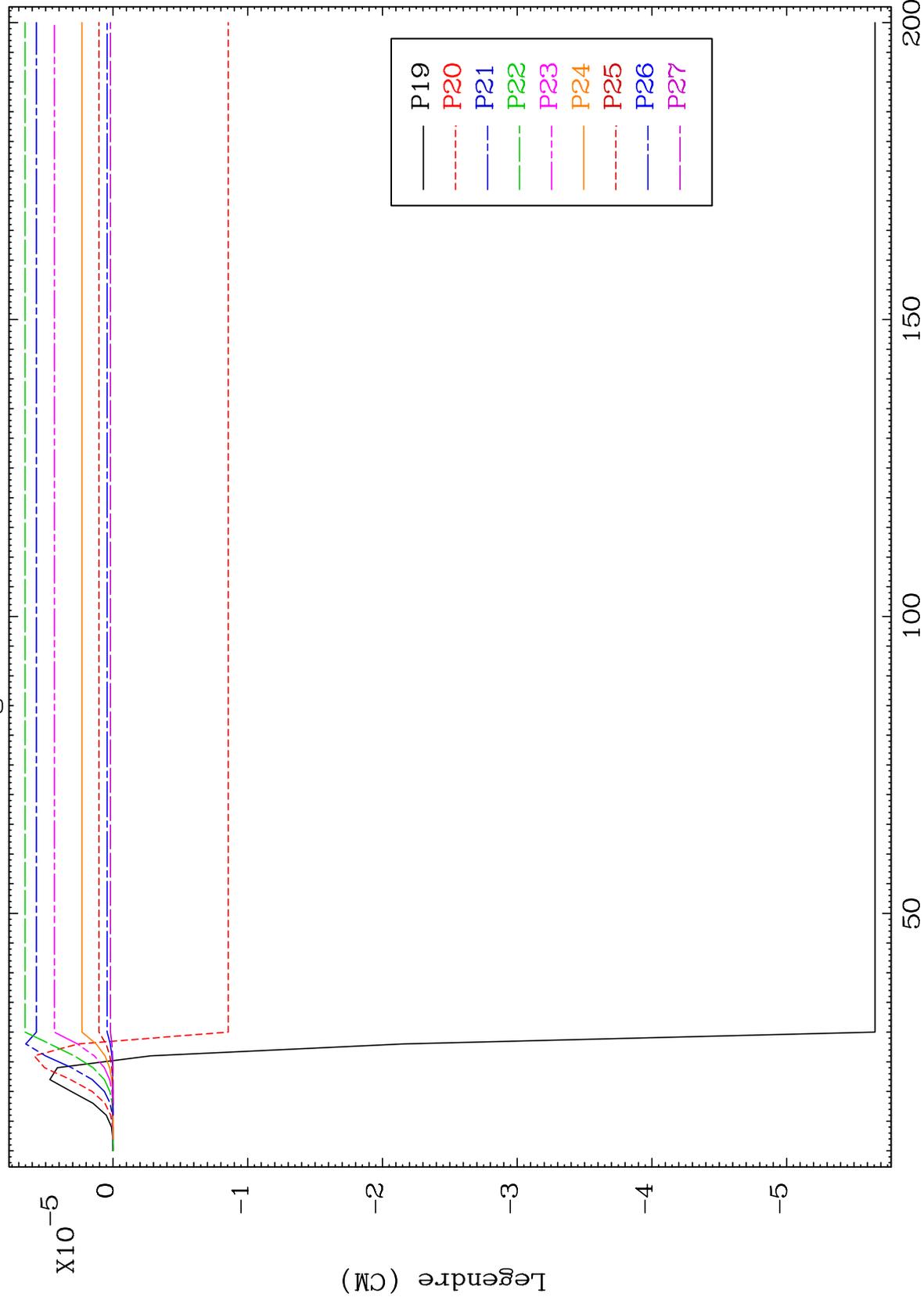
44-Ru-95



MAT 4422

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

44-Ru-95



44-Ru-95

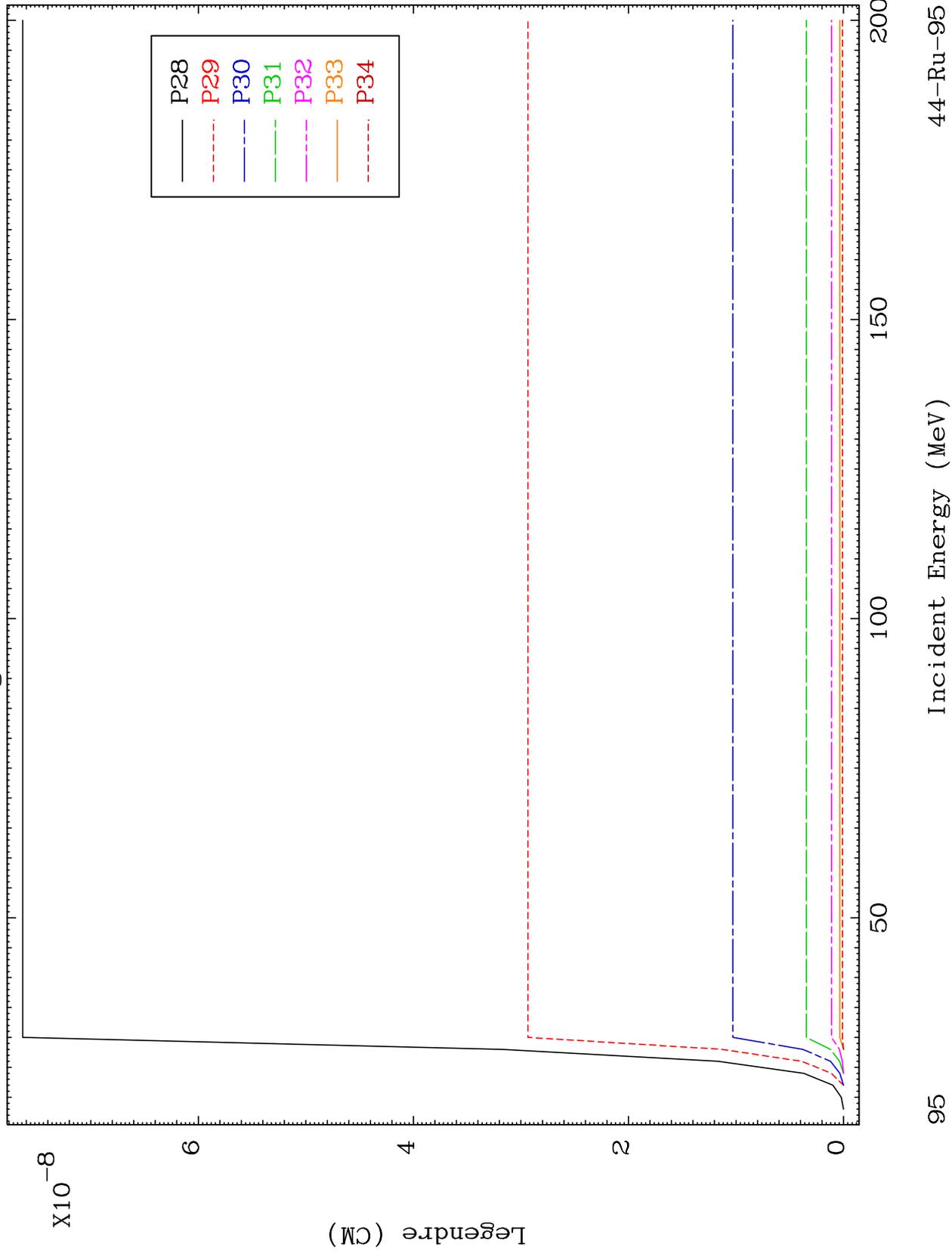
Incident Energy (MeV)

94

MAT 4422

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

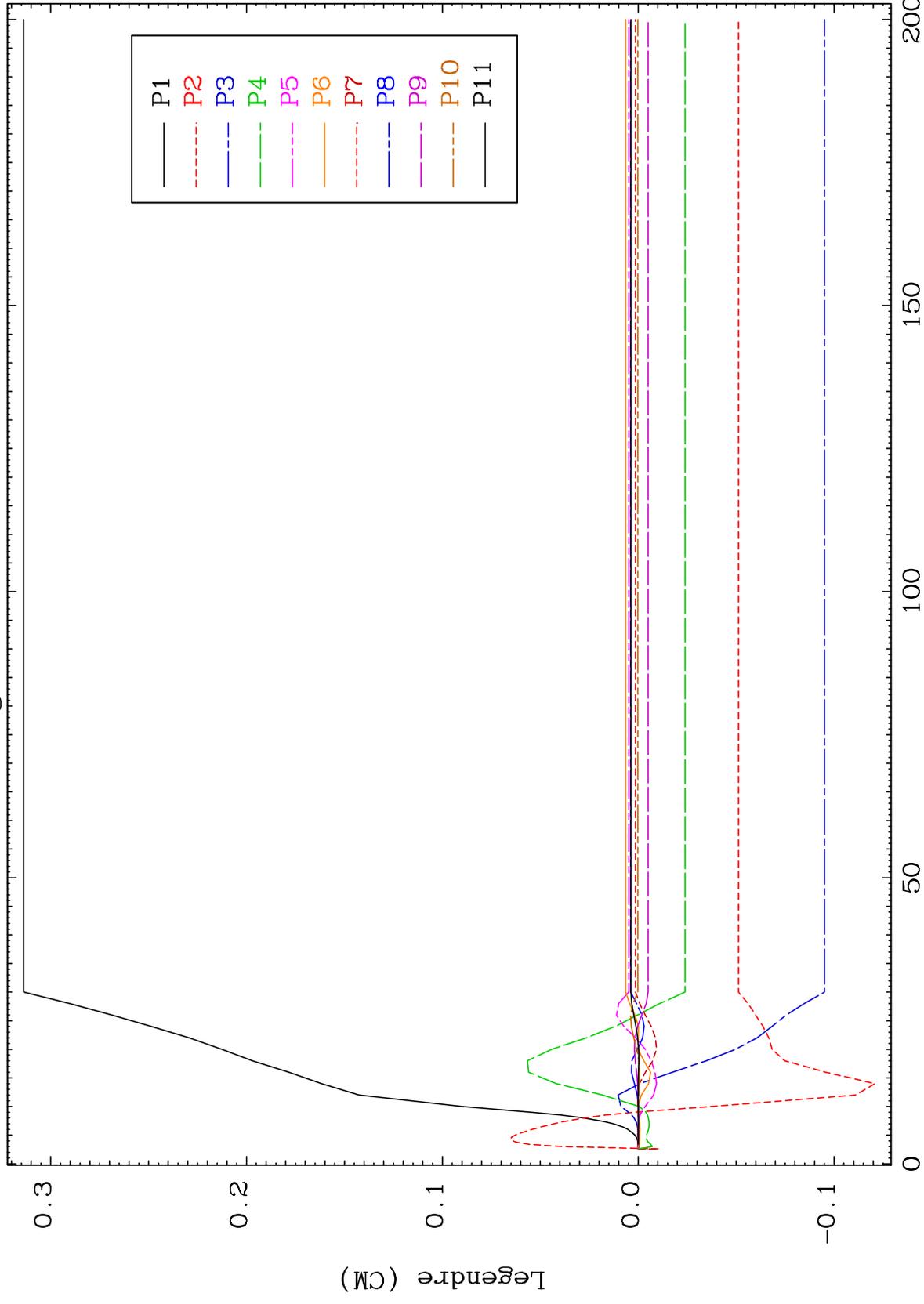
44-Ru-95



MAT 4422

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

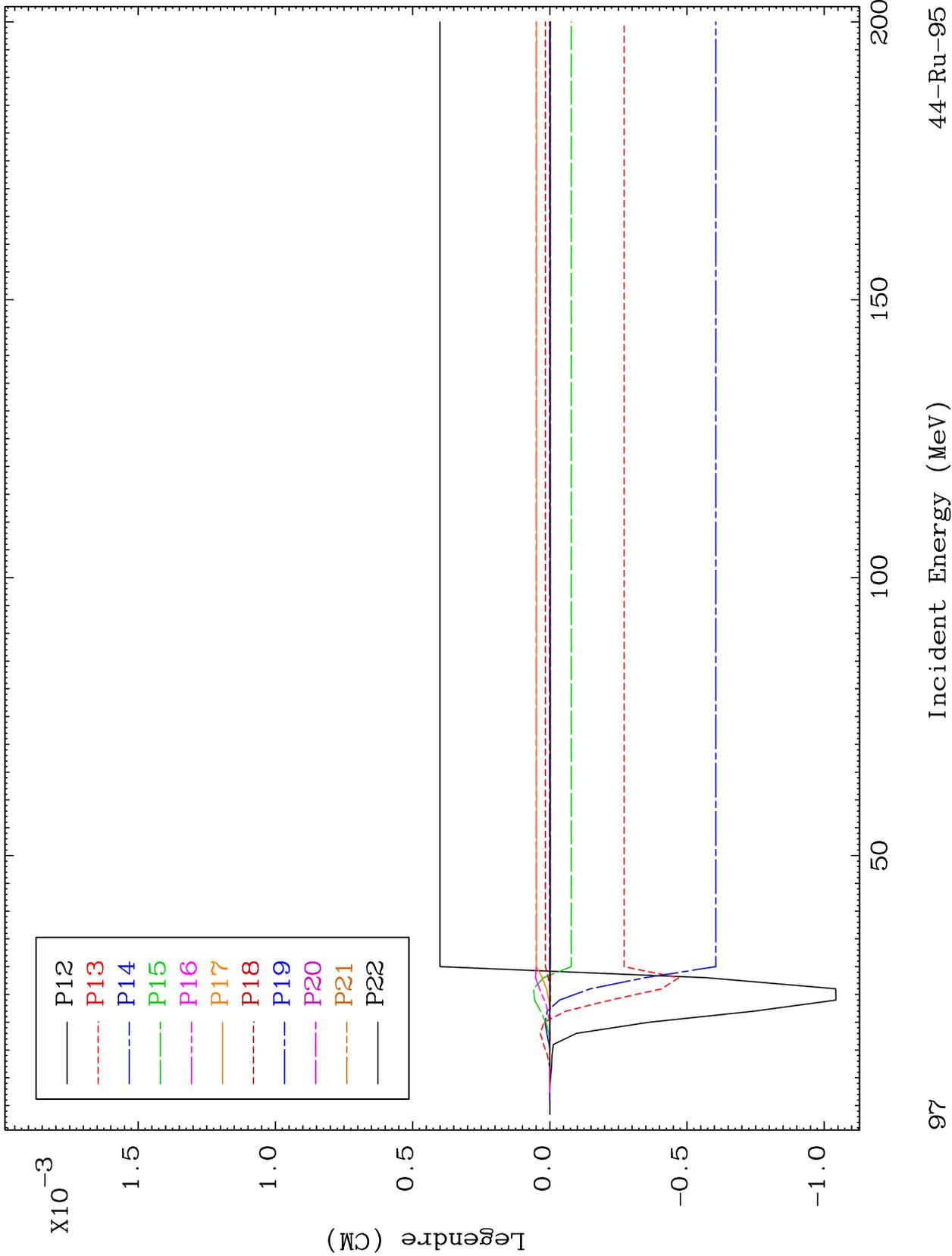
44-Ru-95

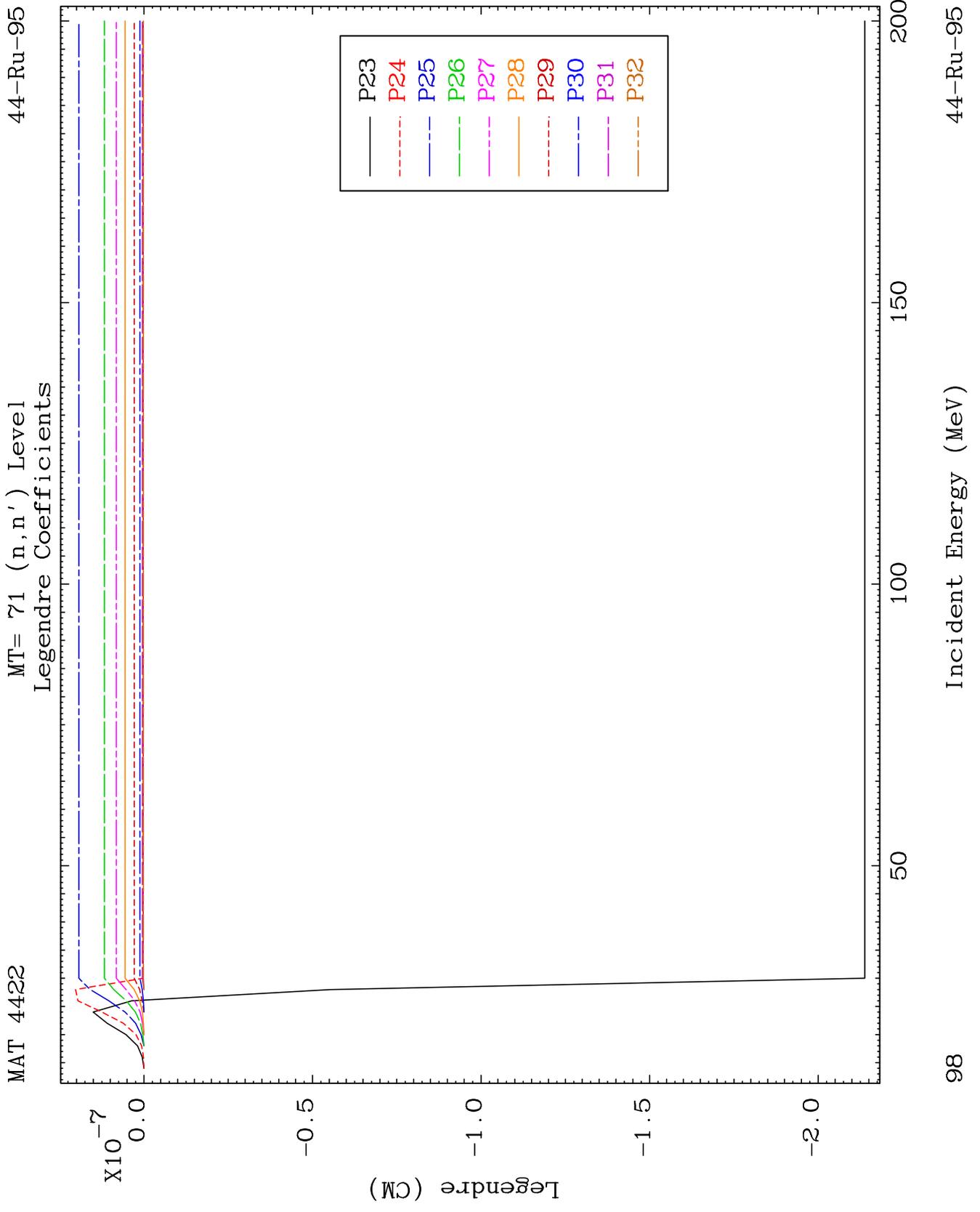


96

Incident Energy (MeV)

44-Ru-95

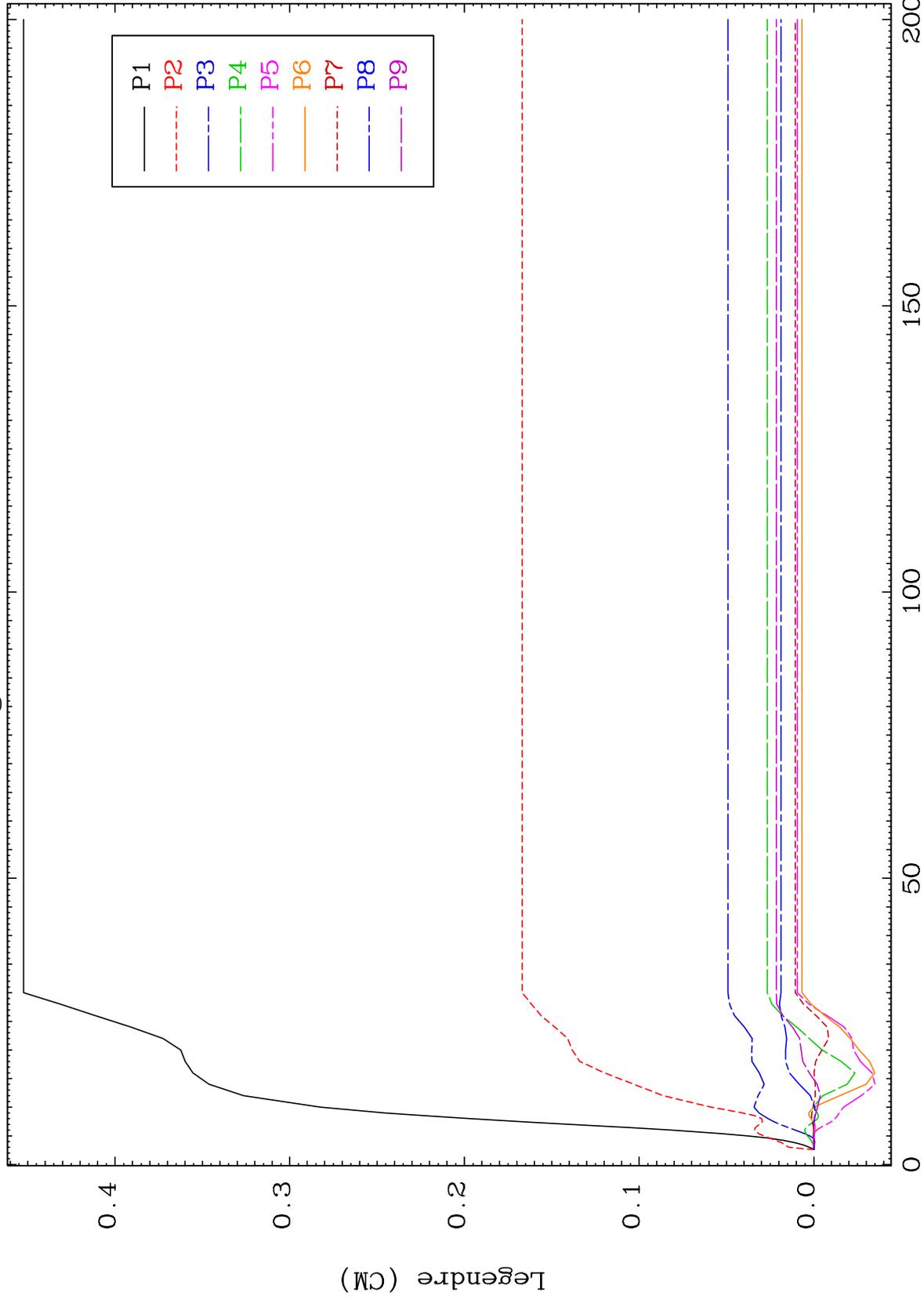




MAT 4422

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

44-Ru-95



99

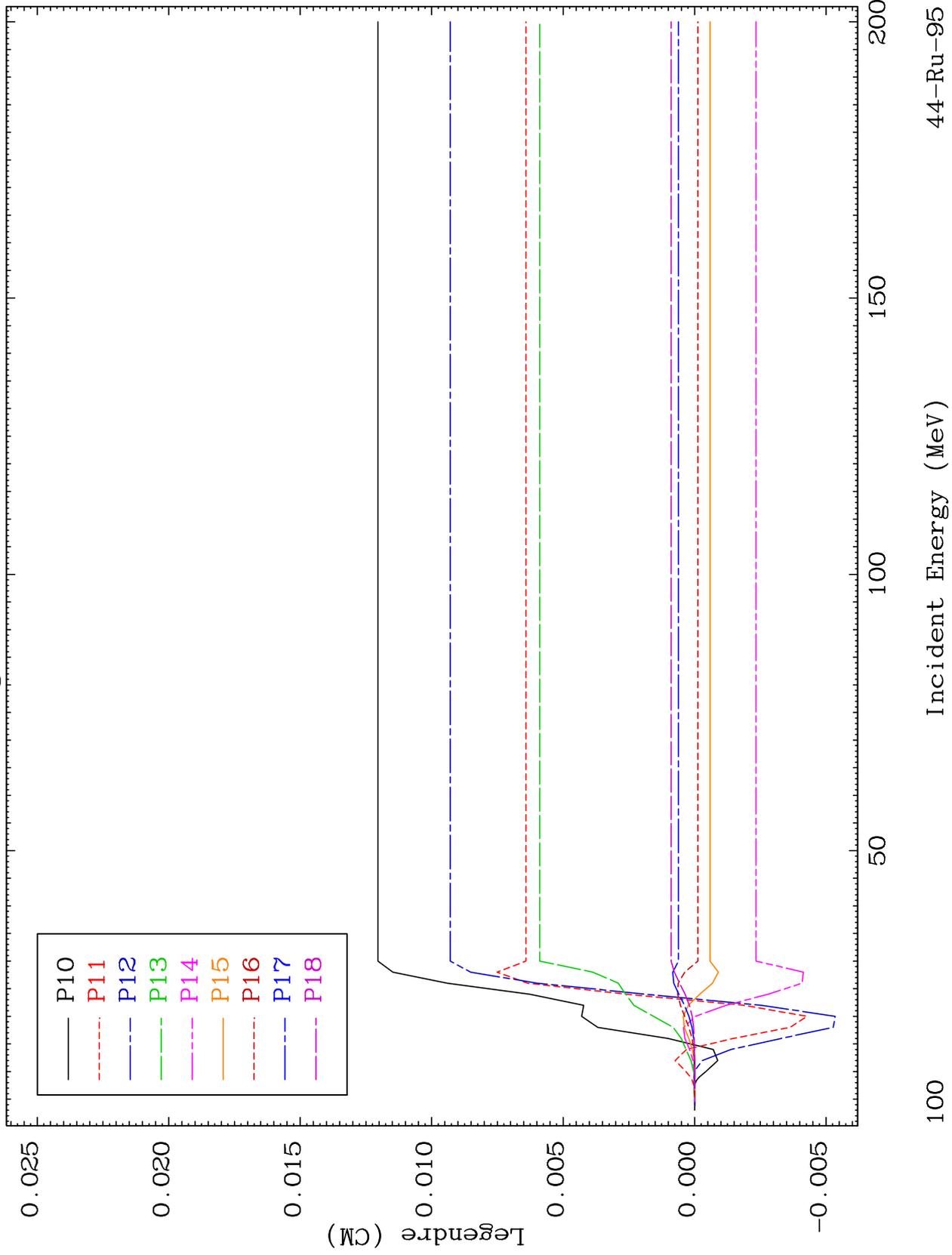
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

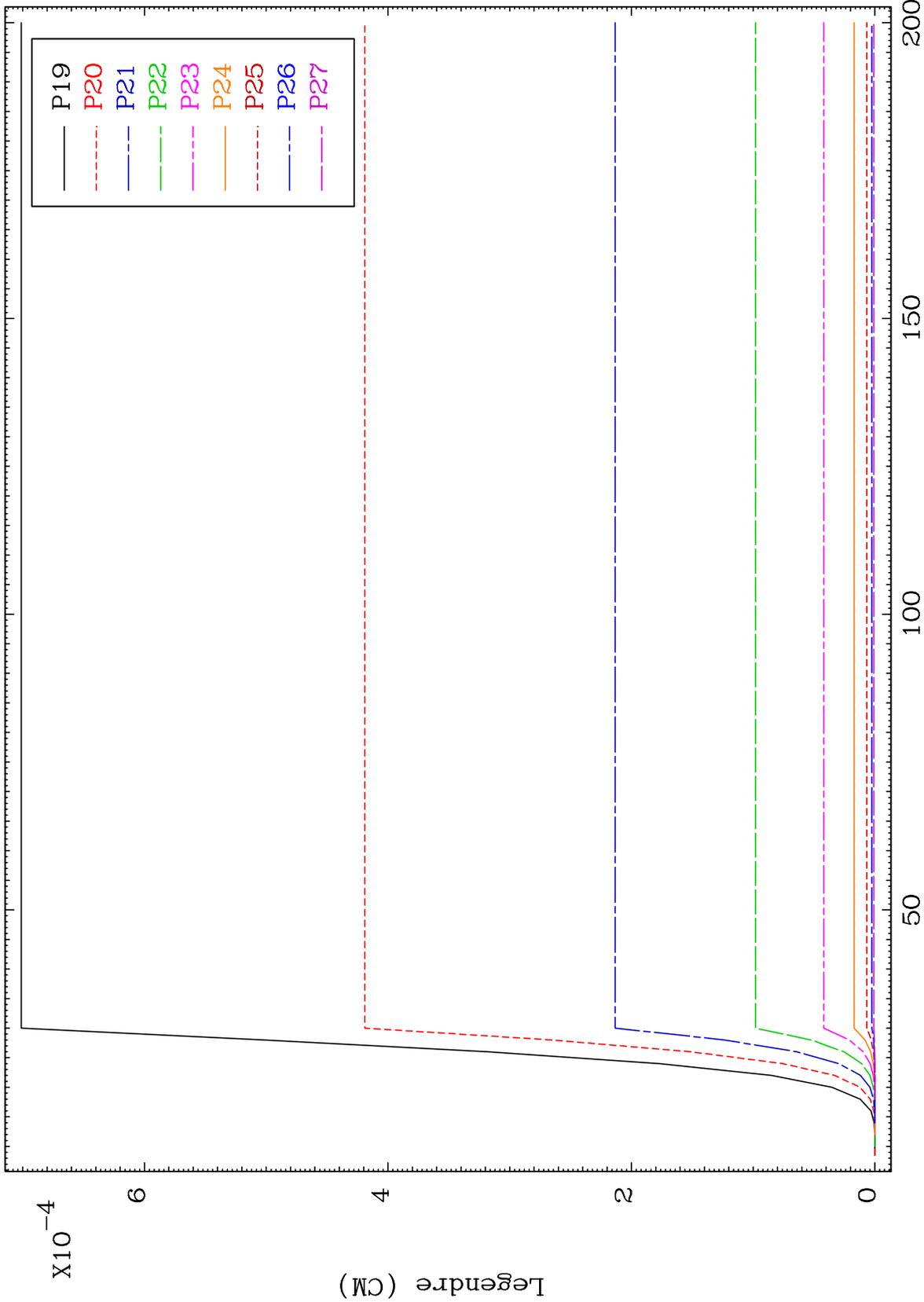
44-Ru-95



MAT 4422

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

44-Ru-95



101

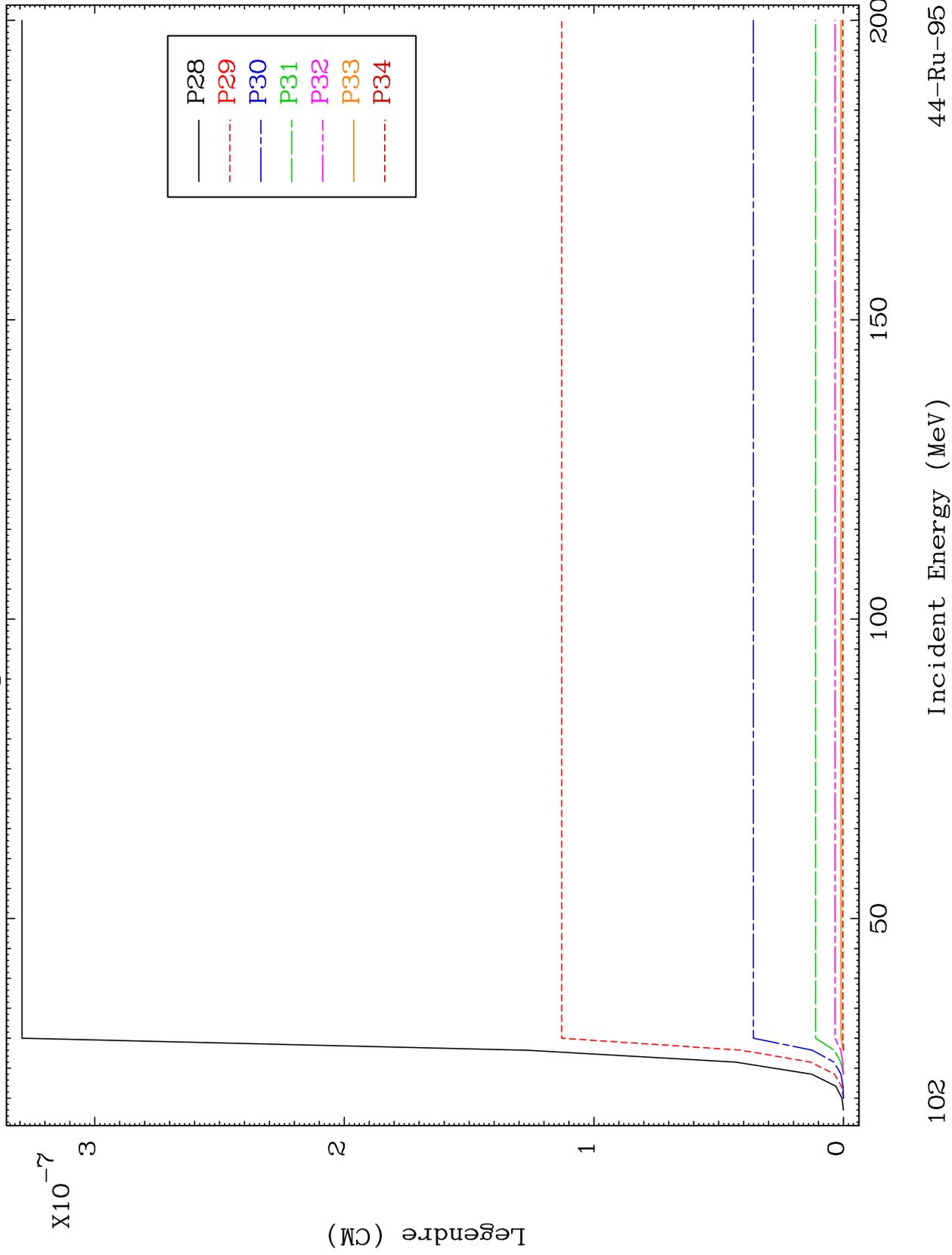
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

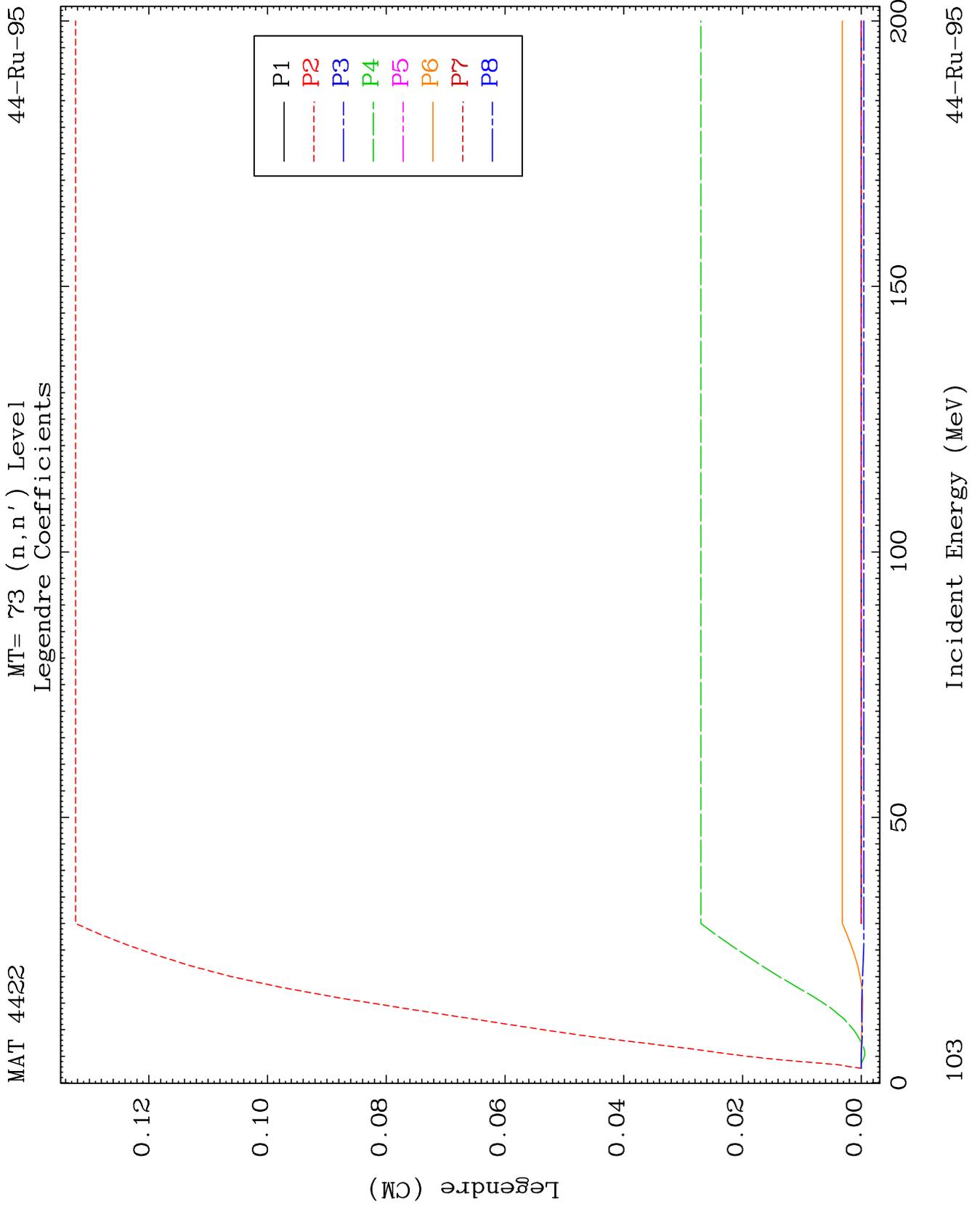
44-Ru-95



44-Ru-95

Incident Energy (MeV)

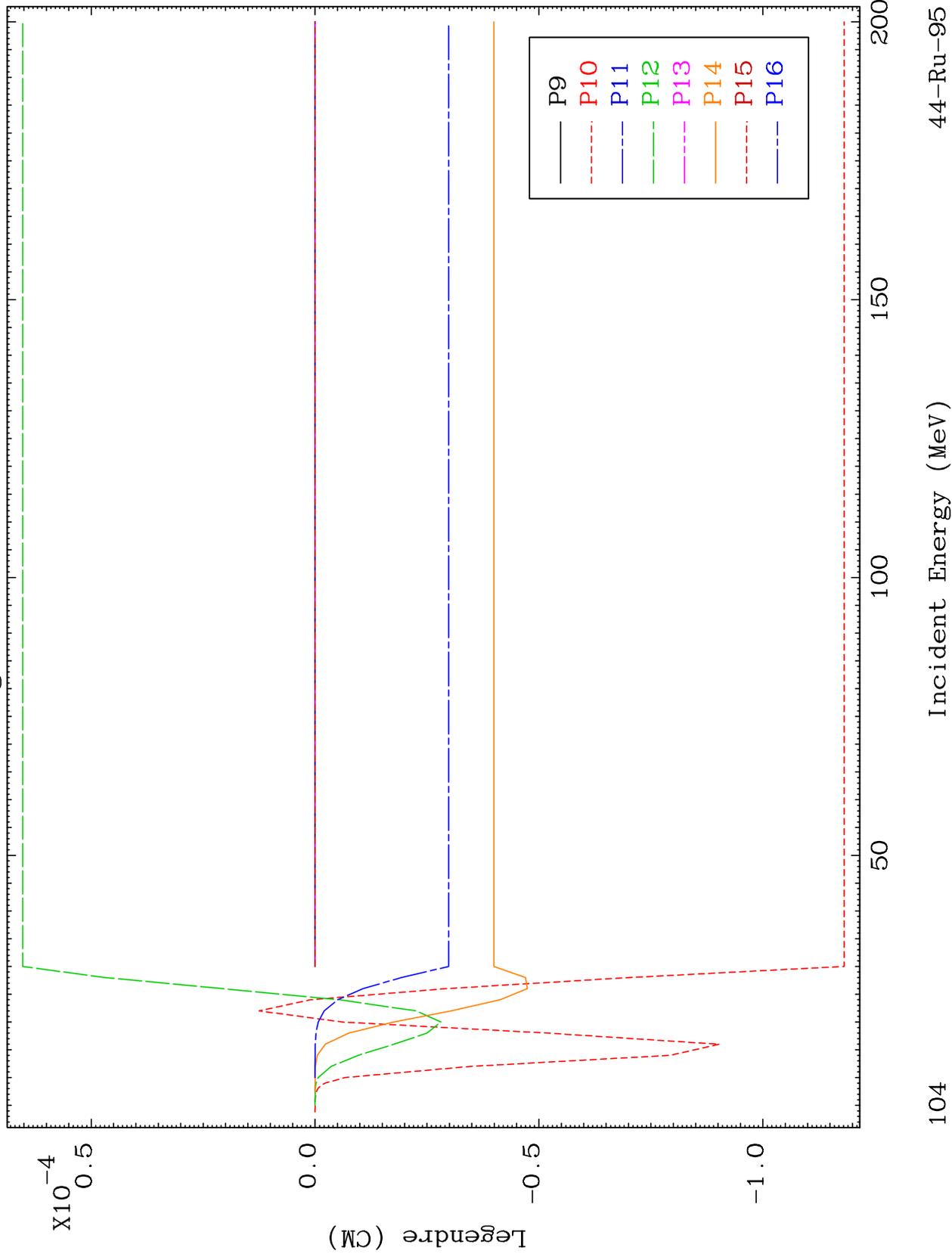
102



MAT 4422

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

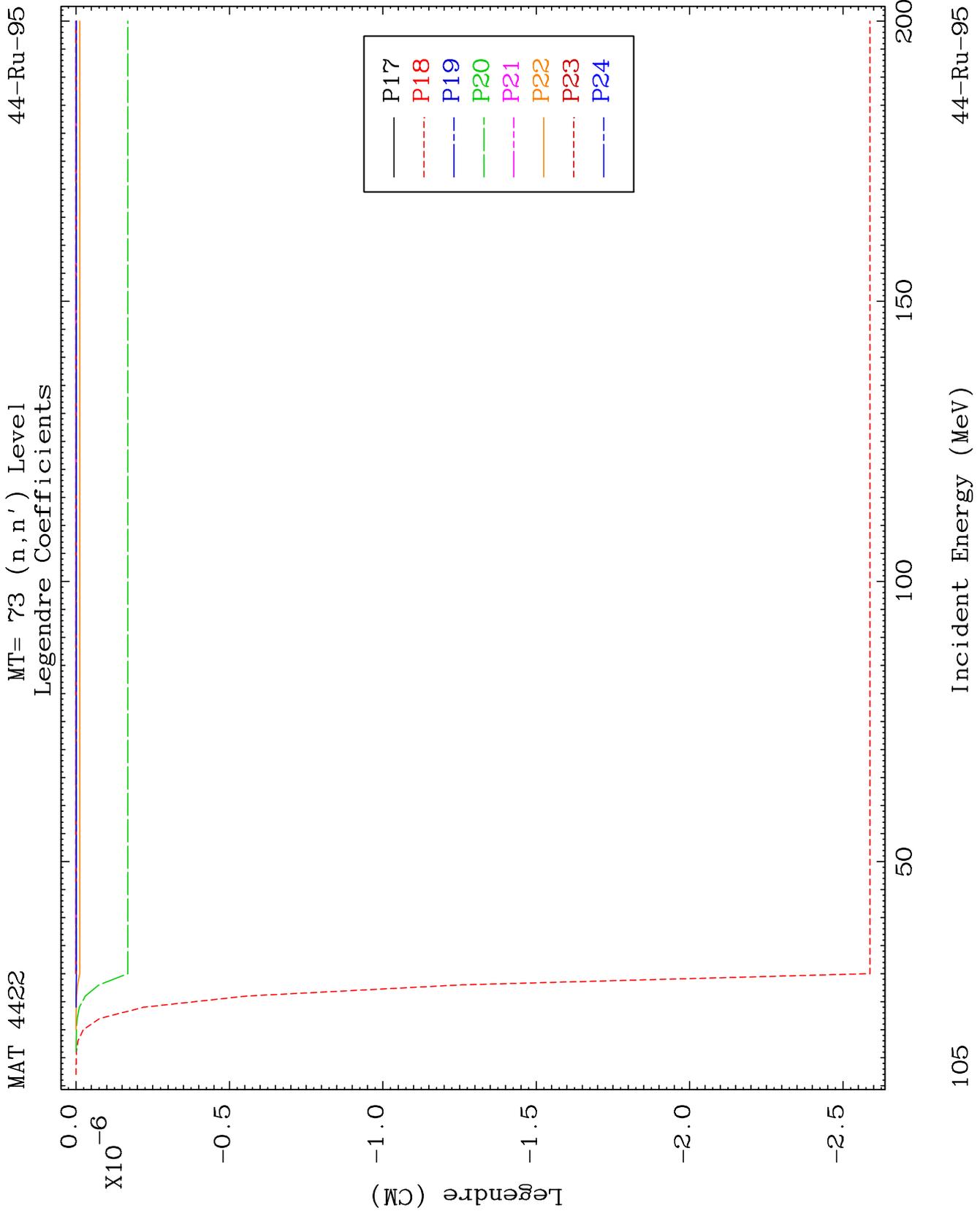
44-Ru-95



104

Incident Energy (MeV)

44-Ru-95

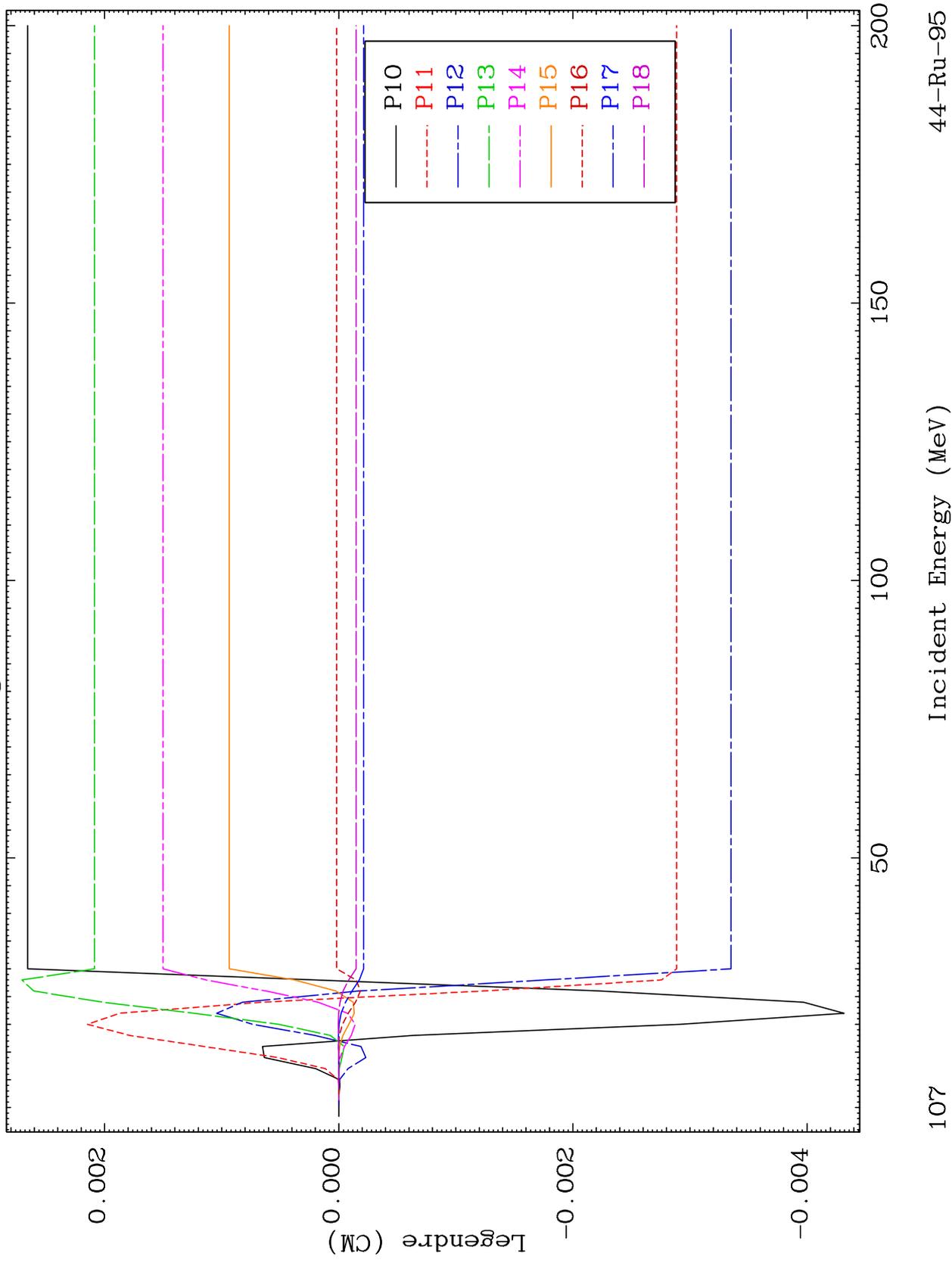




MAT 4422

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

44-Ru-95



107

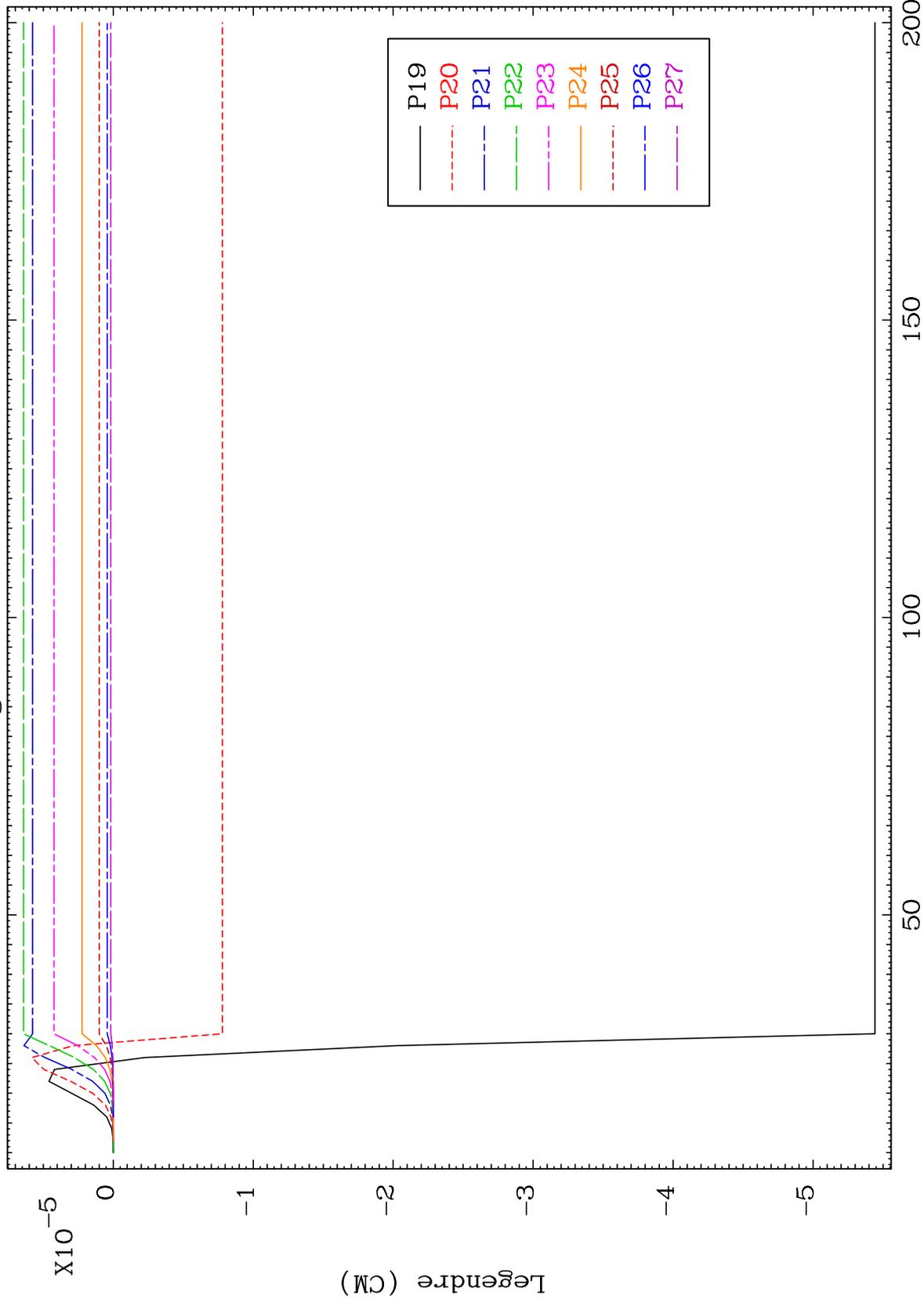
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

44-Ru-95



108

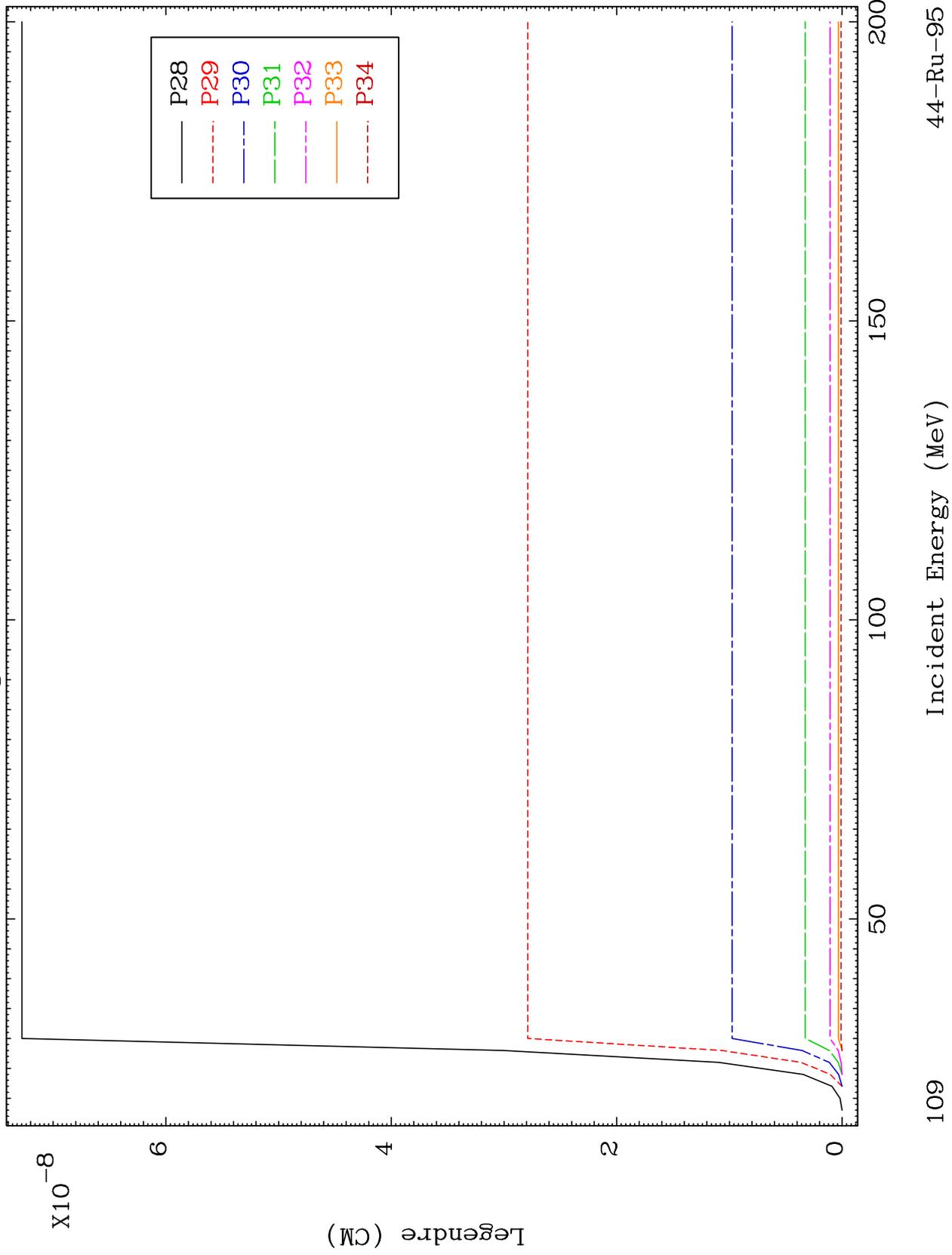
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

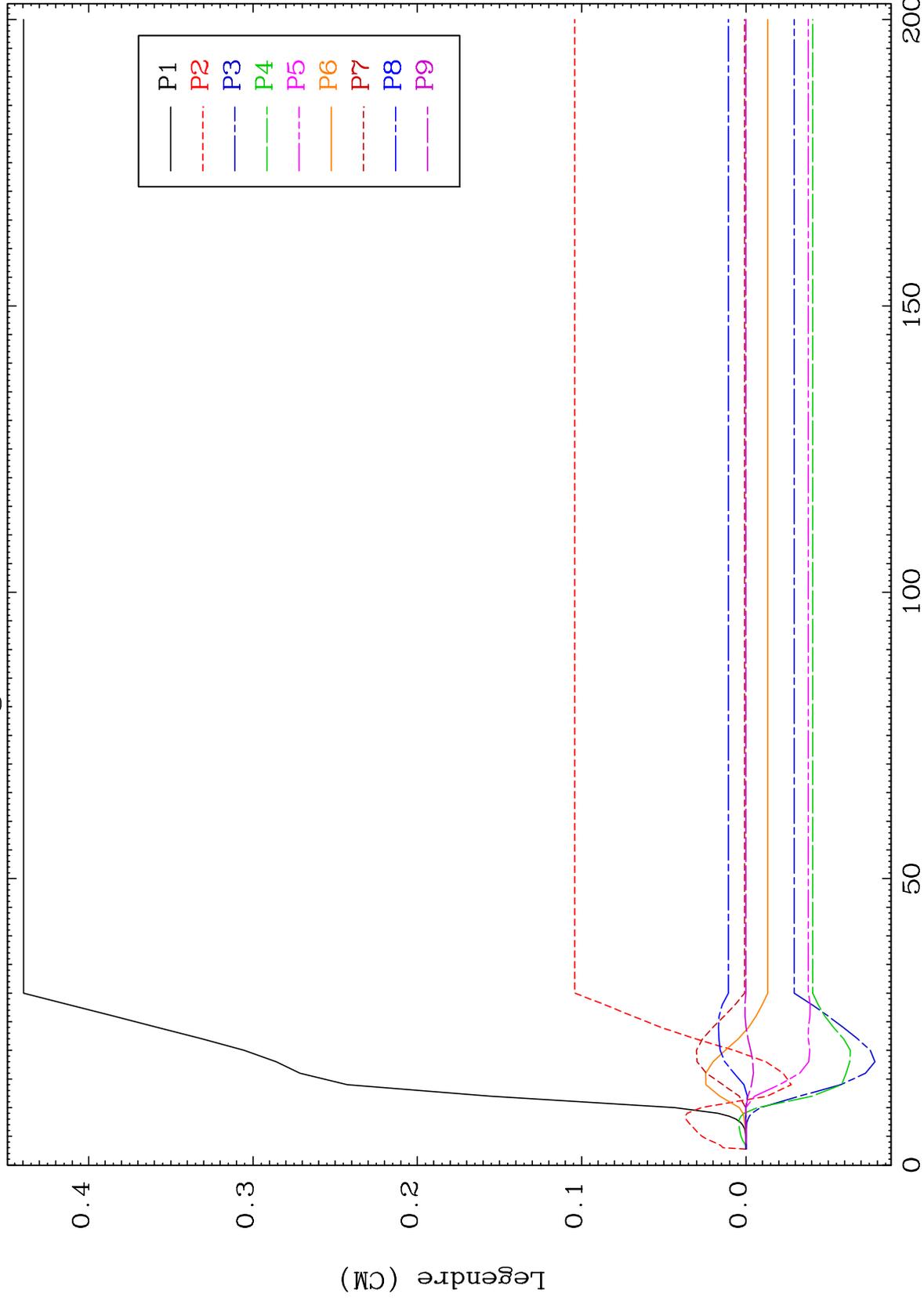
44-Ru-95



MAT 4422

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

44-Ru-95



44-Ru-95

Incident Energy (MeV)

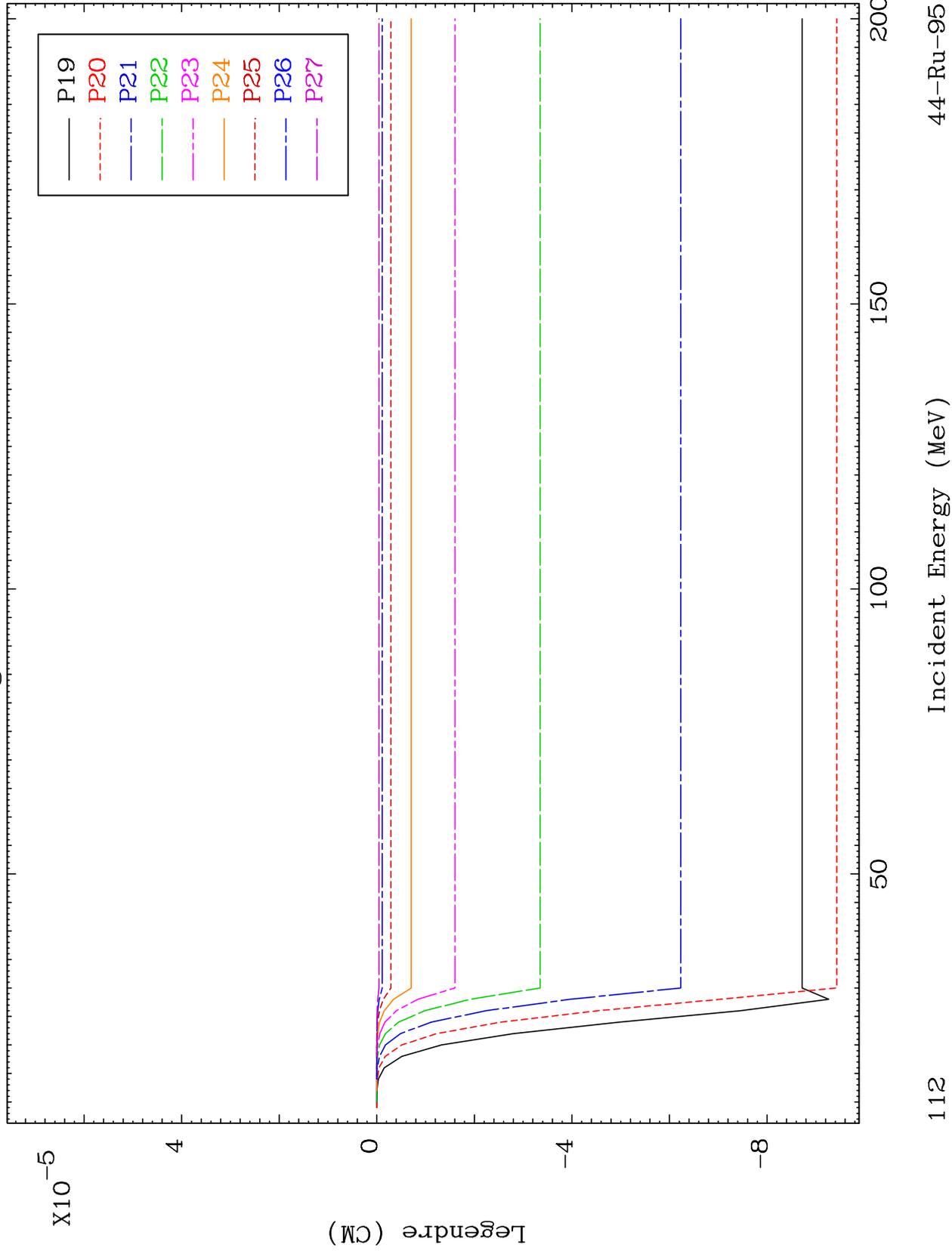
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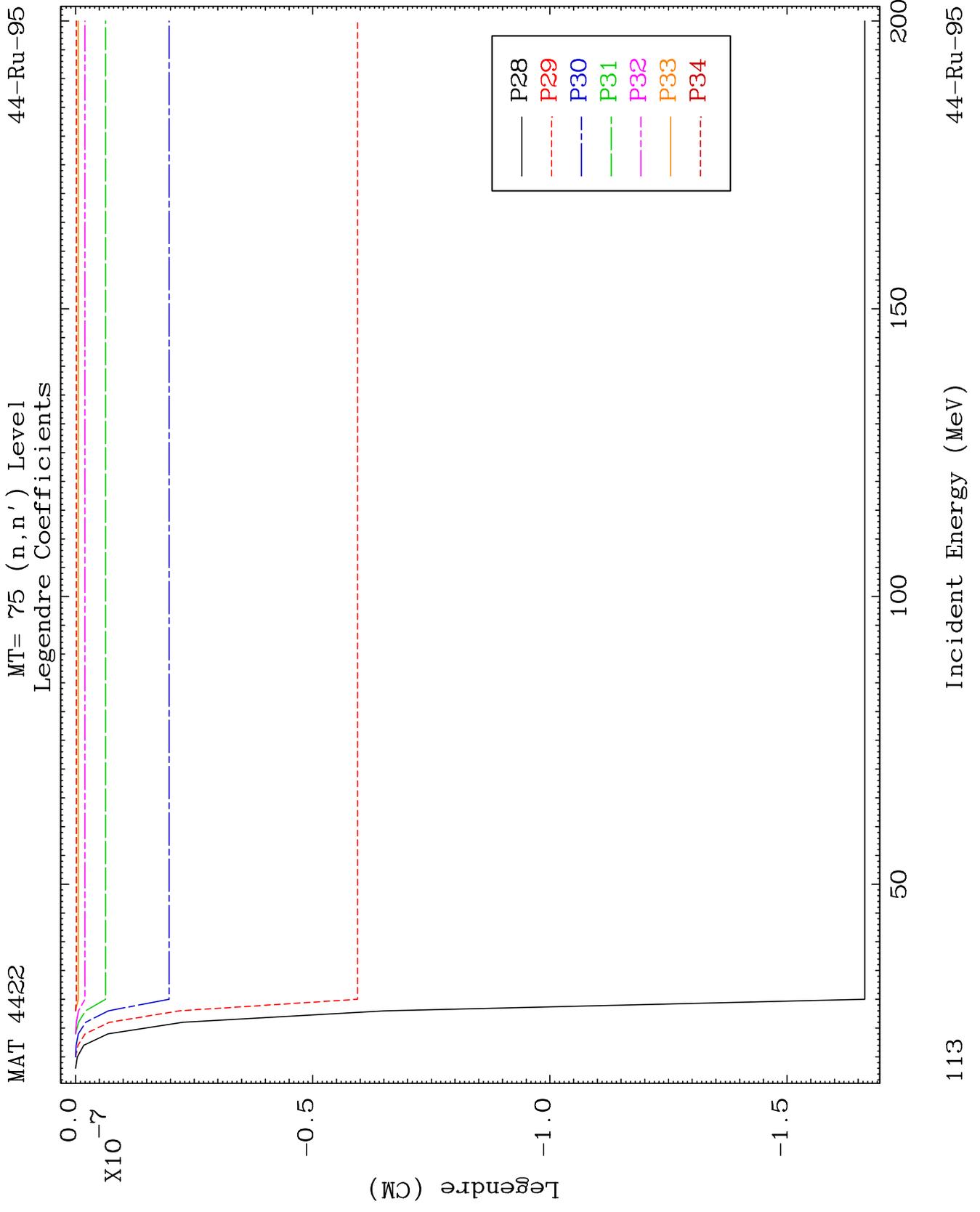


MAT 4422

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

44-Ru-95

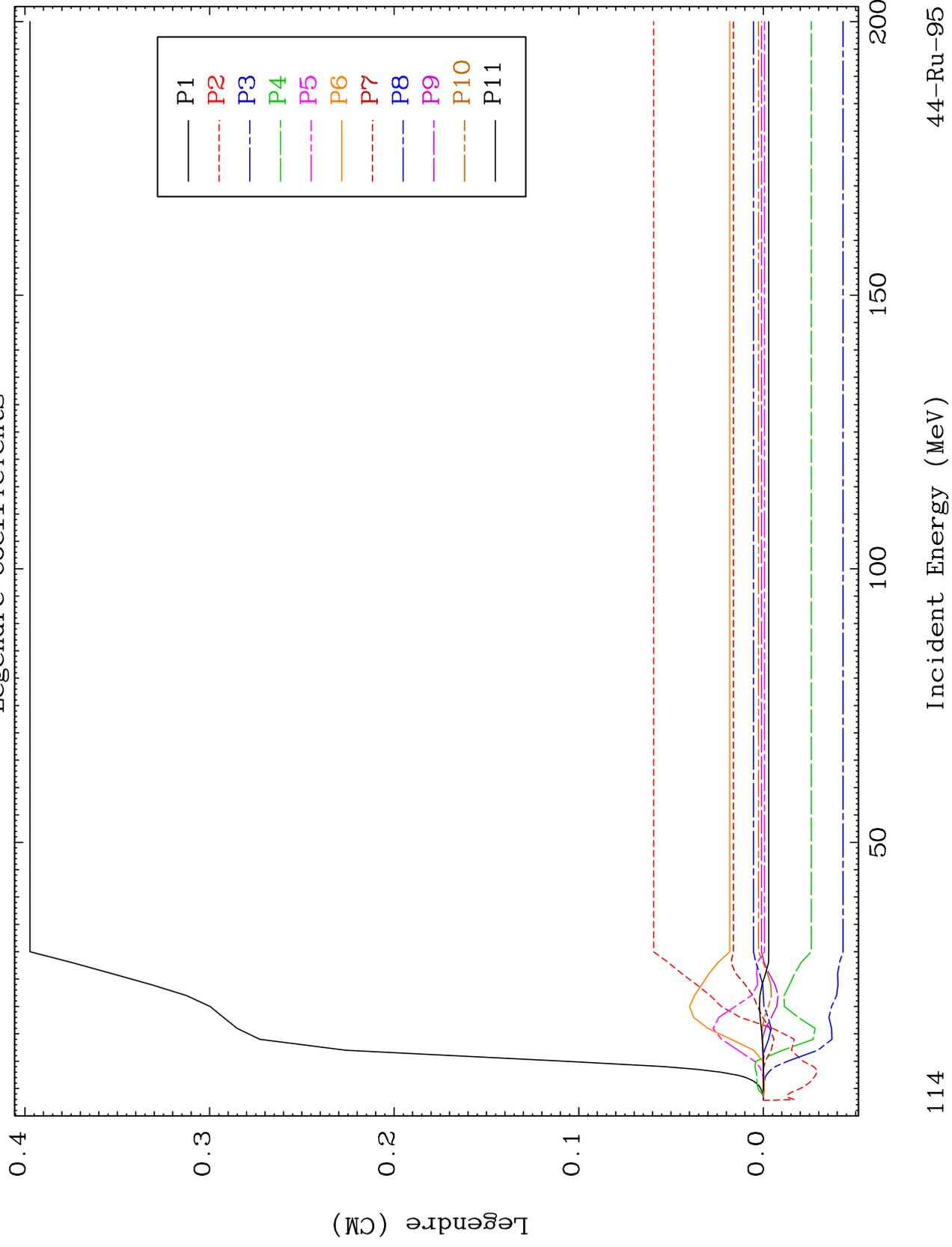




MAT 4422

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

44-Ru-95



114

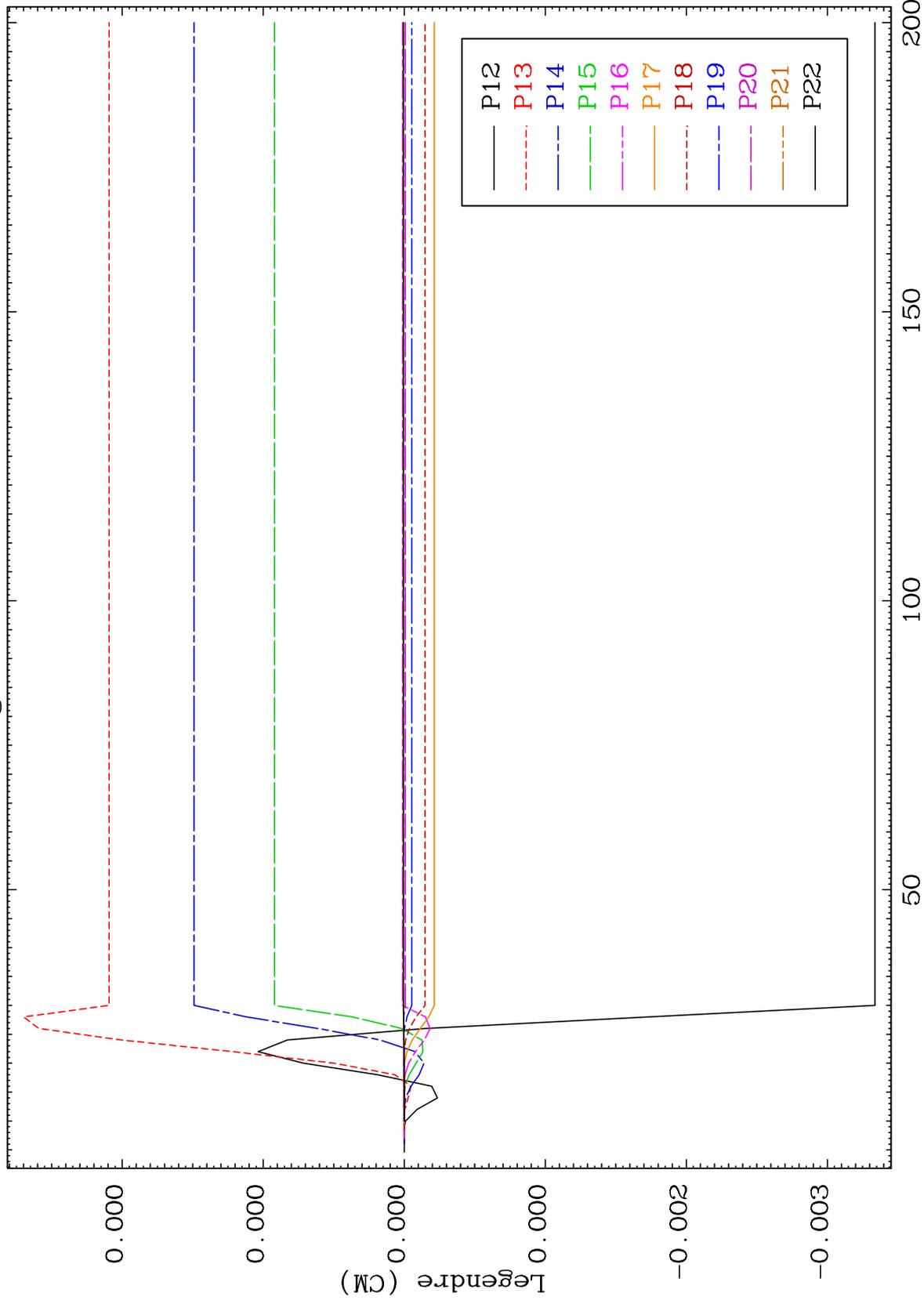
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

44-Ru-95



115

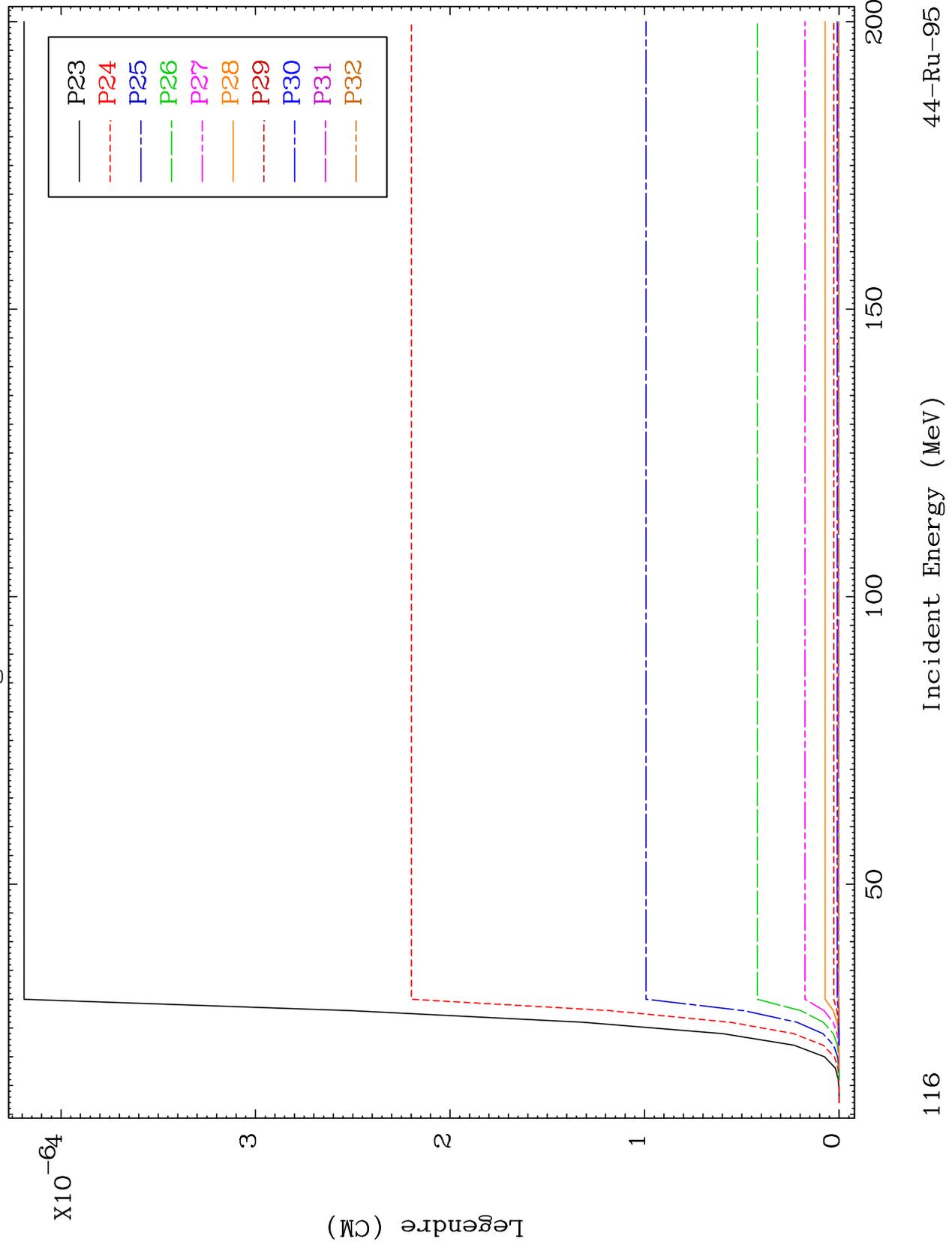
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

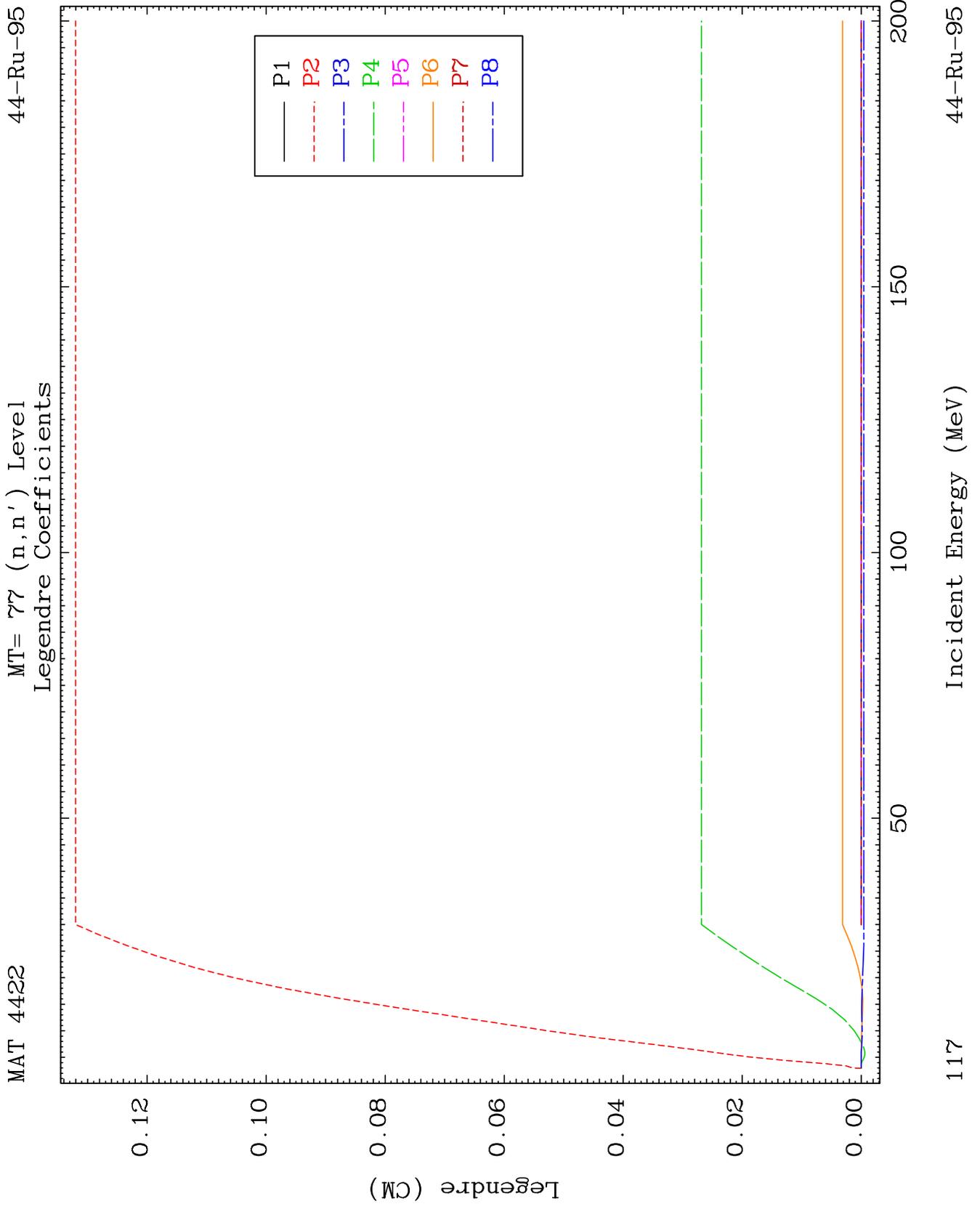
44-Ru-95



116

Incident Energy (MeV)

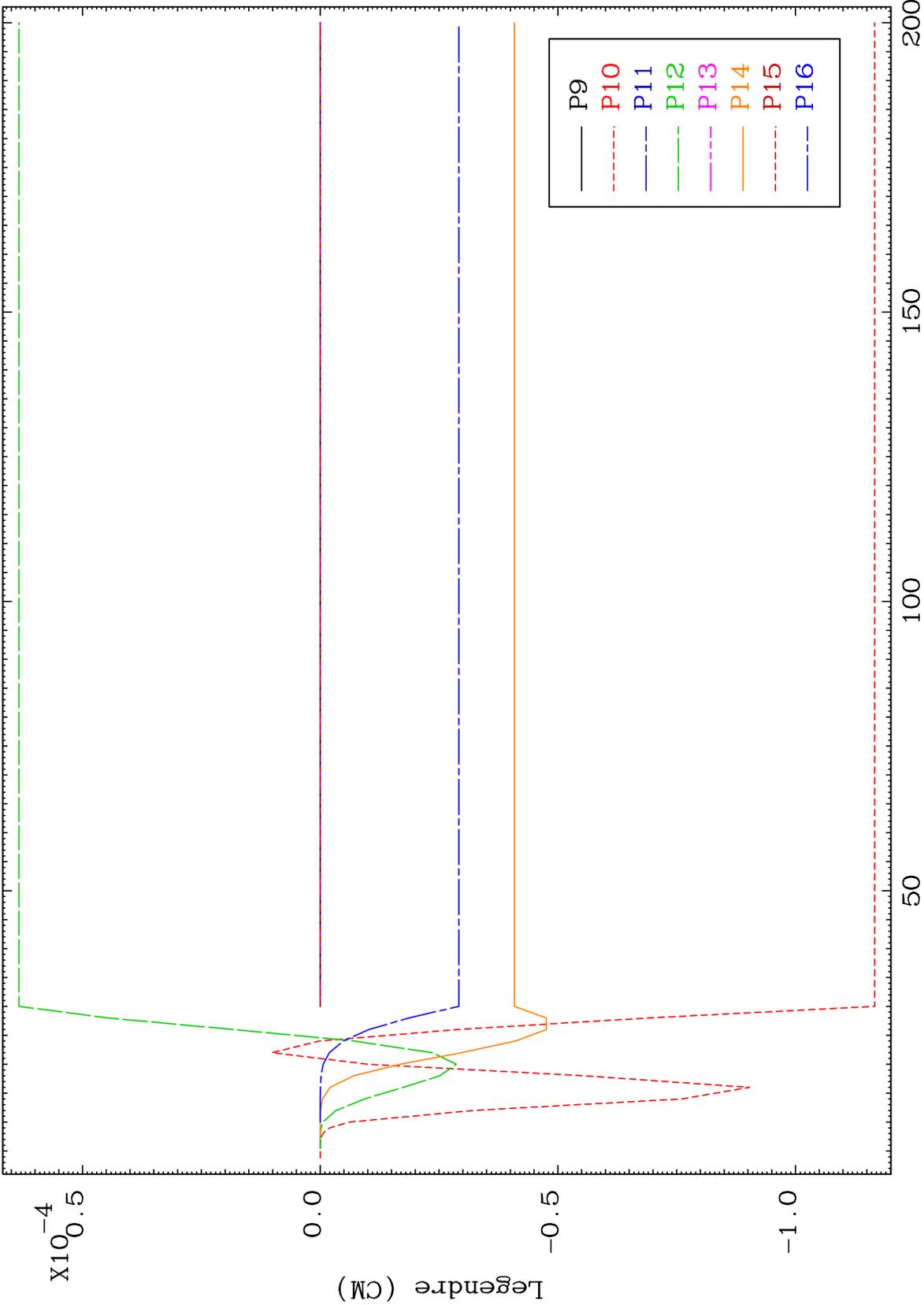
44-Ru-95



MAT 4422

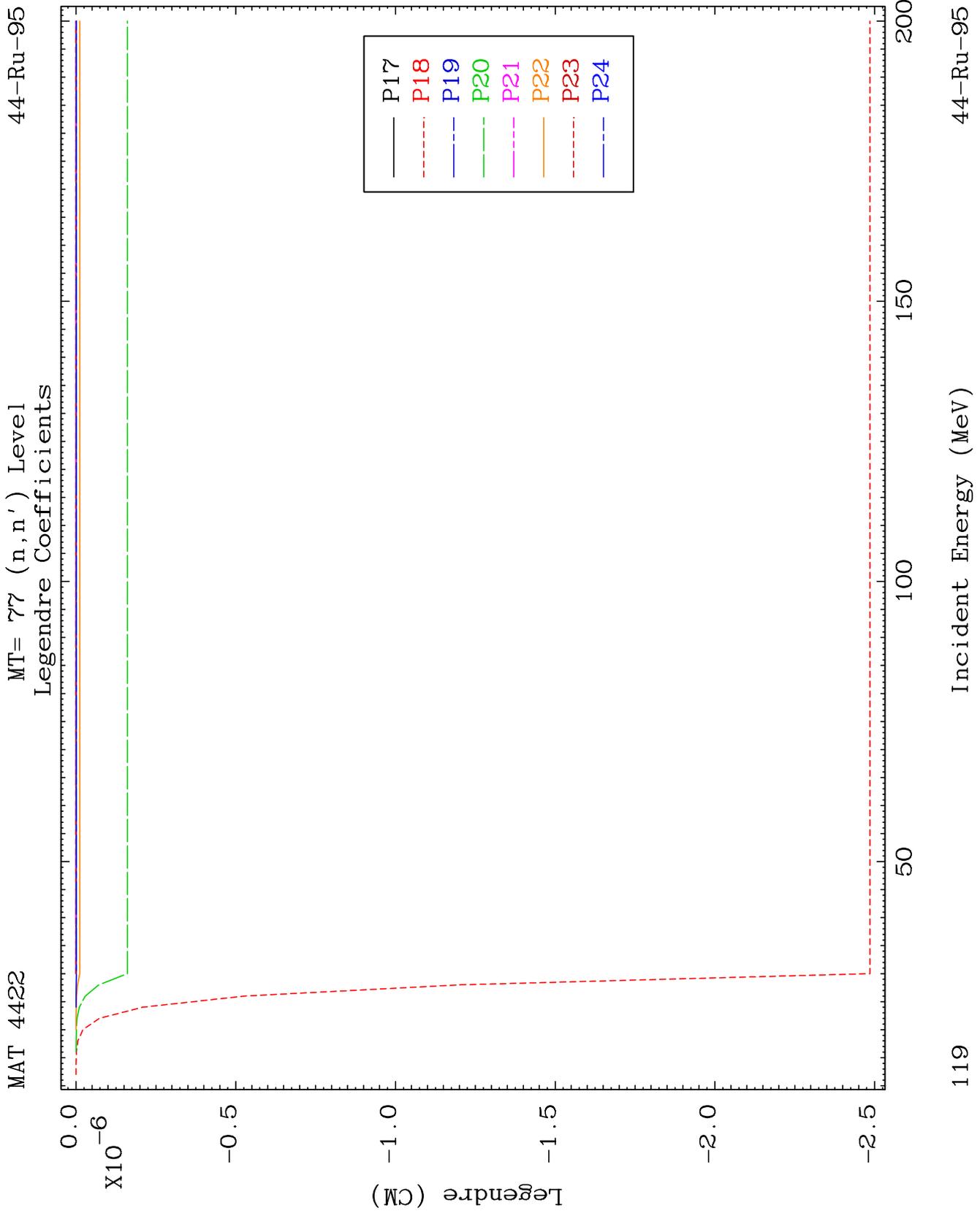
MT= 77 (n,n') Level  
Legendre Coefficients

44-Ru-95



118

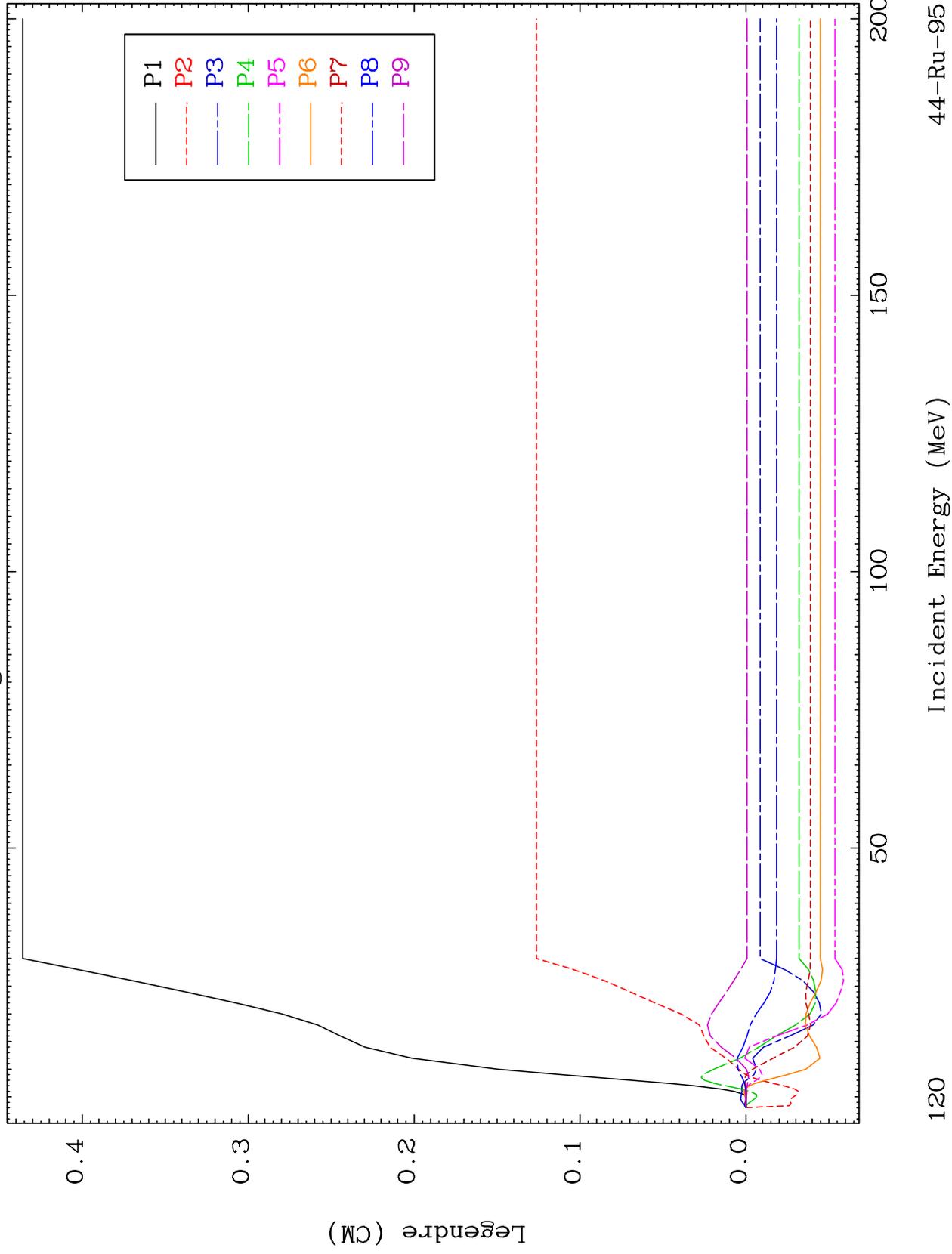
44-Ru-95



MAT 4422

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

44-Ru-95



120

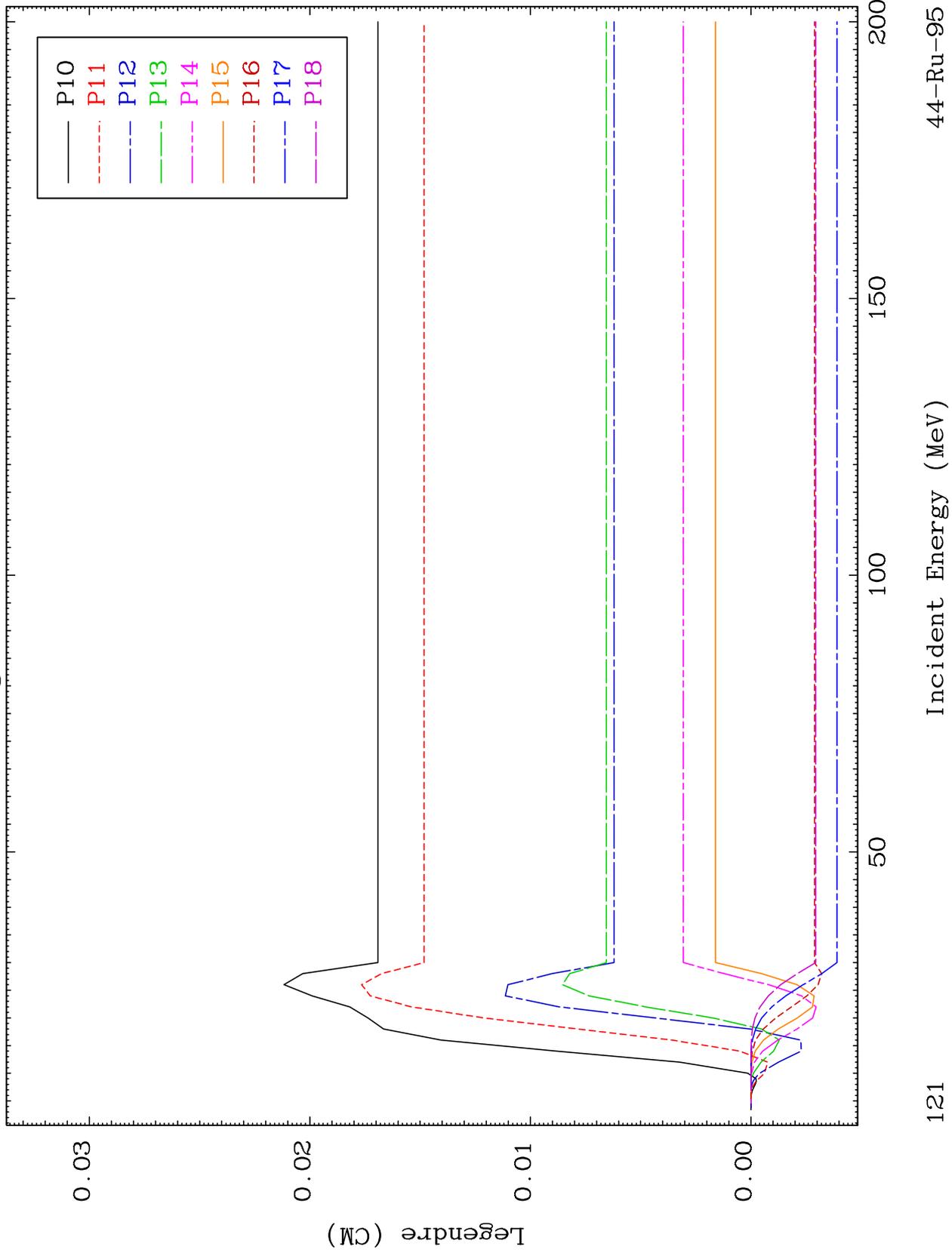
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

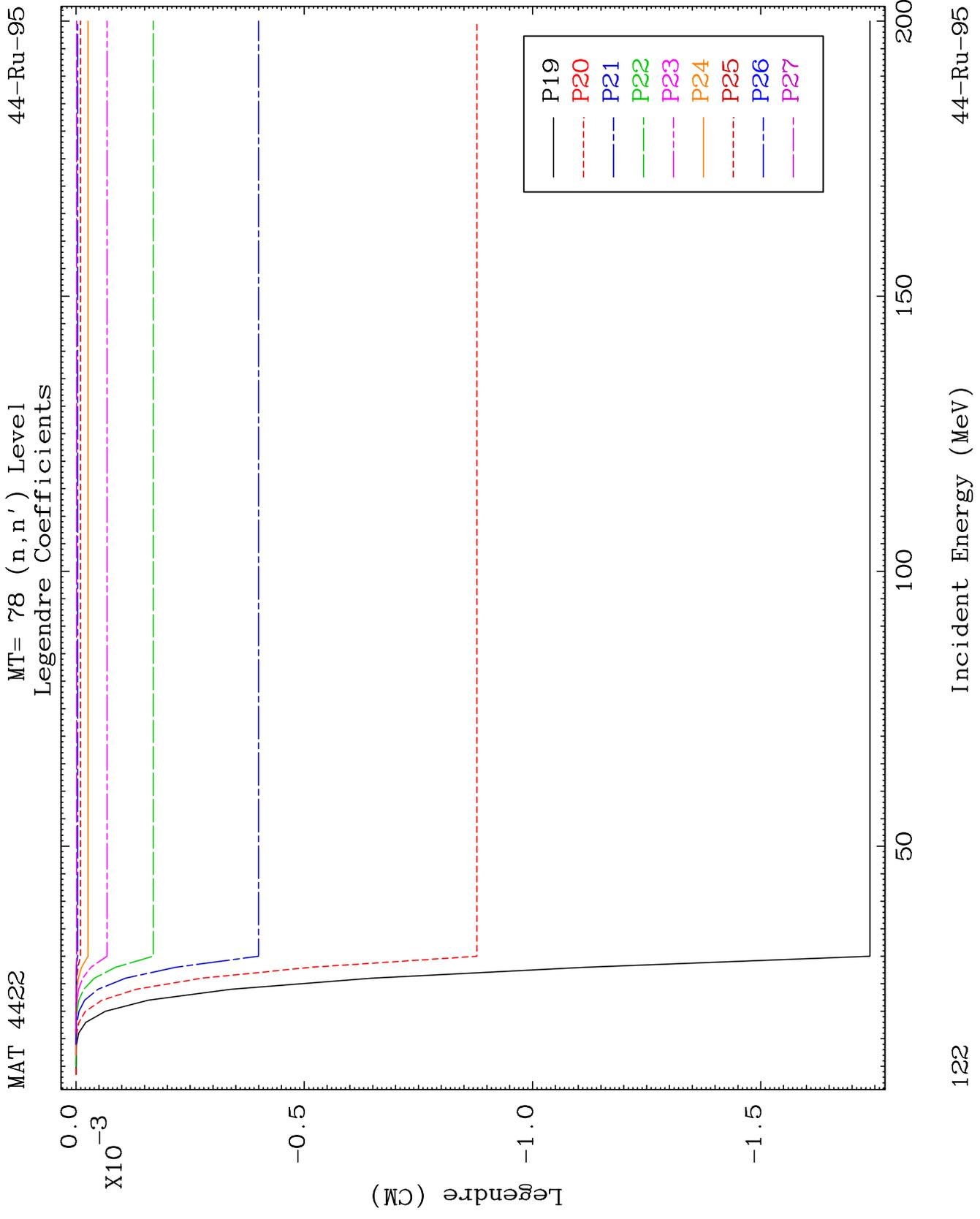
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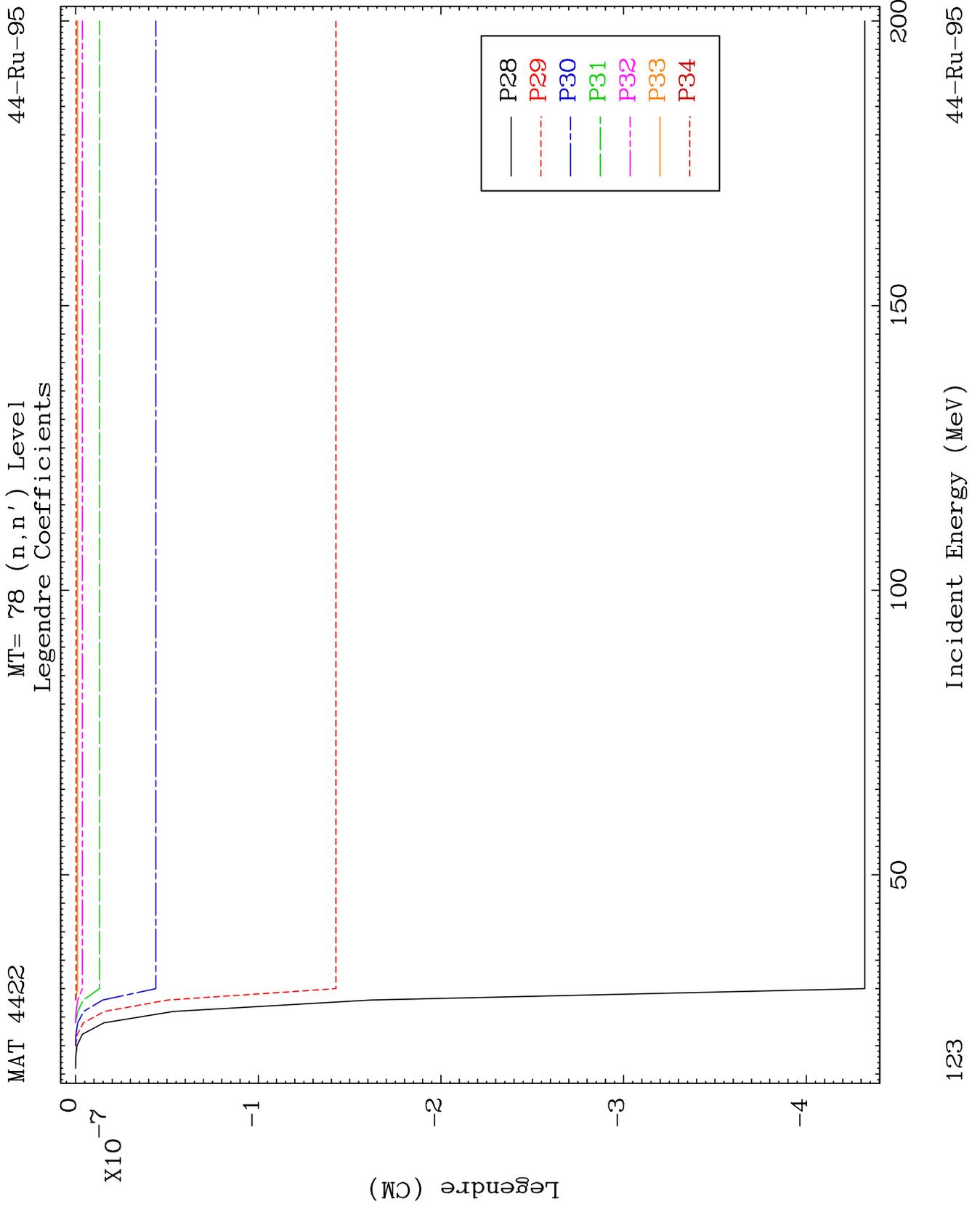


121

Incident Energy (MeV)

44-Ru-95

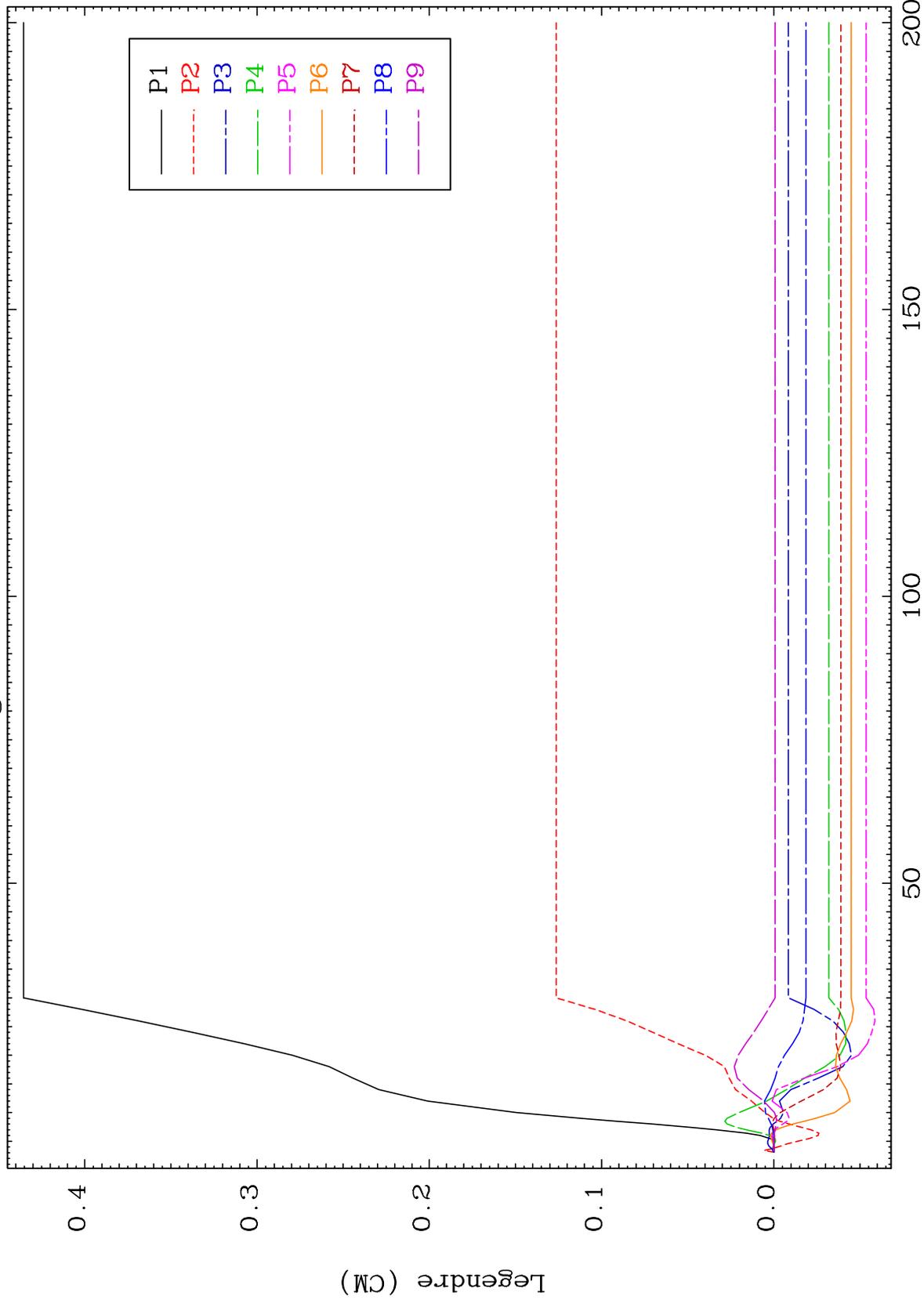




MAT 4422

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

44-Ru-95



124

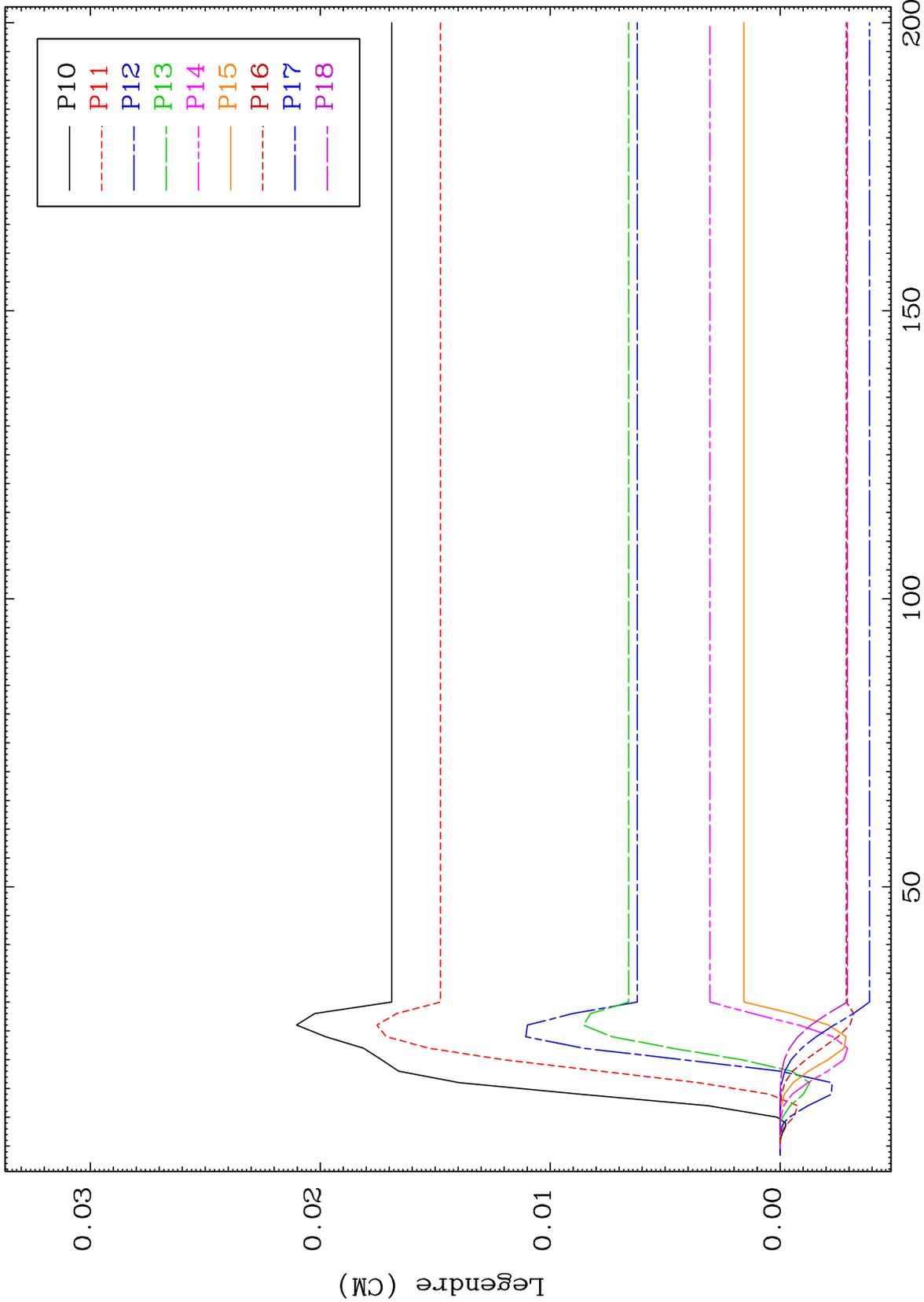
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

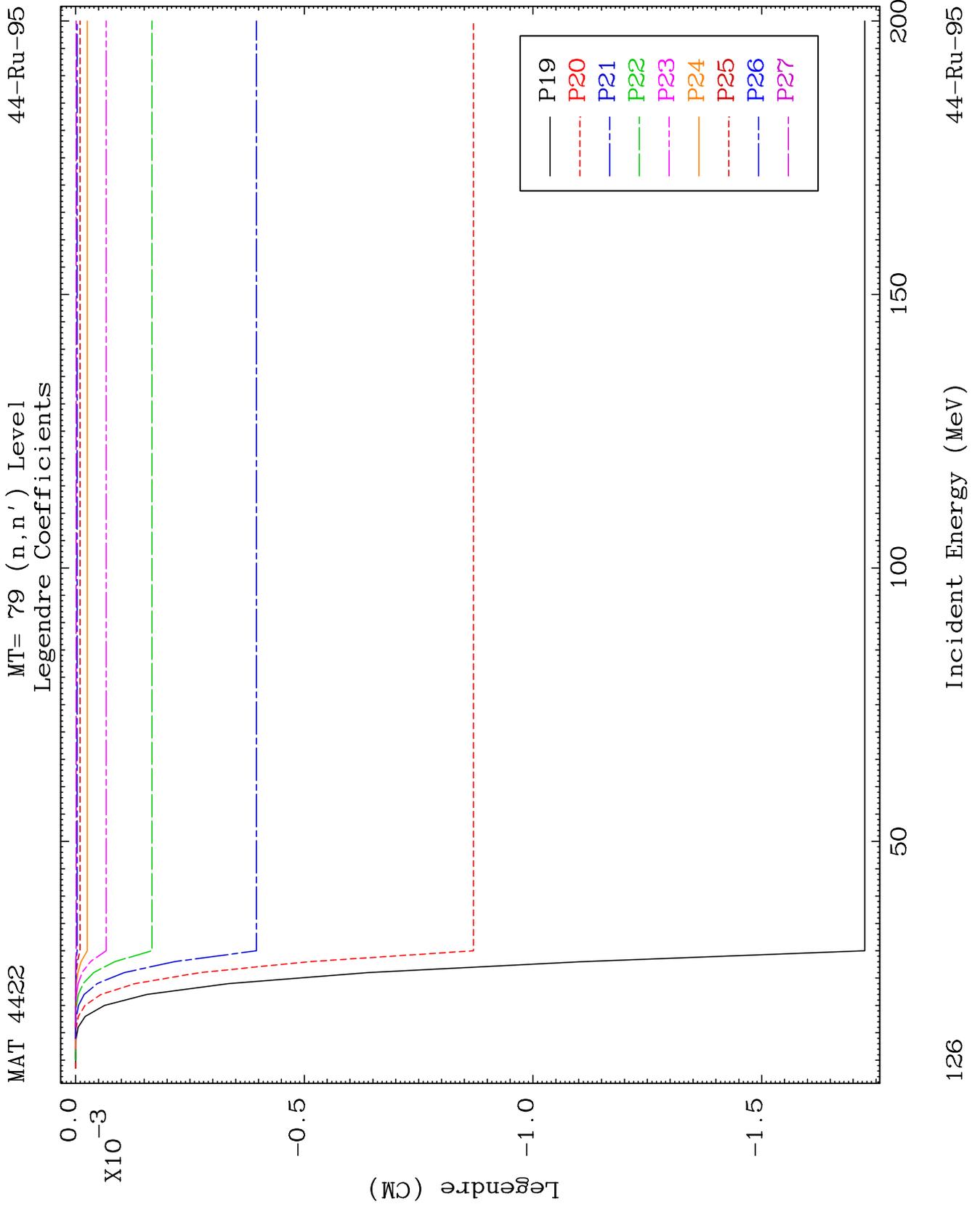
44-Ru-95

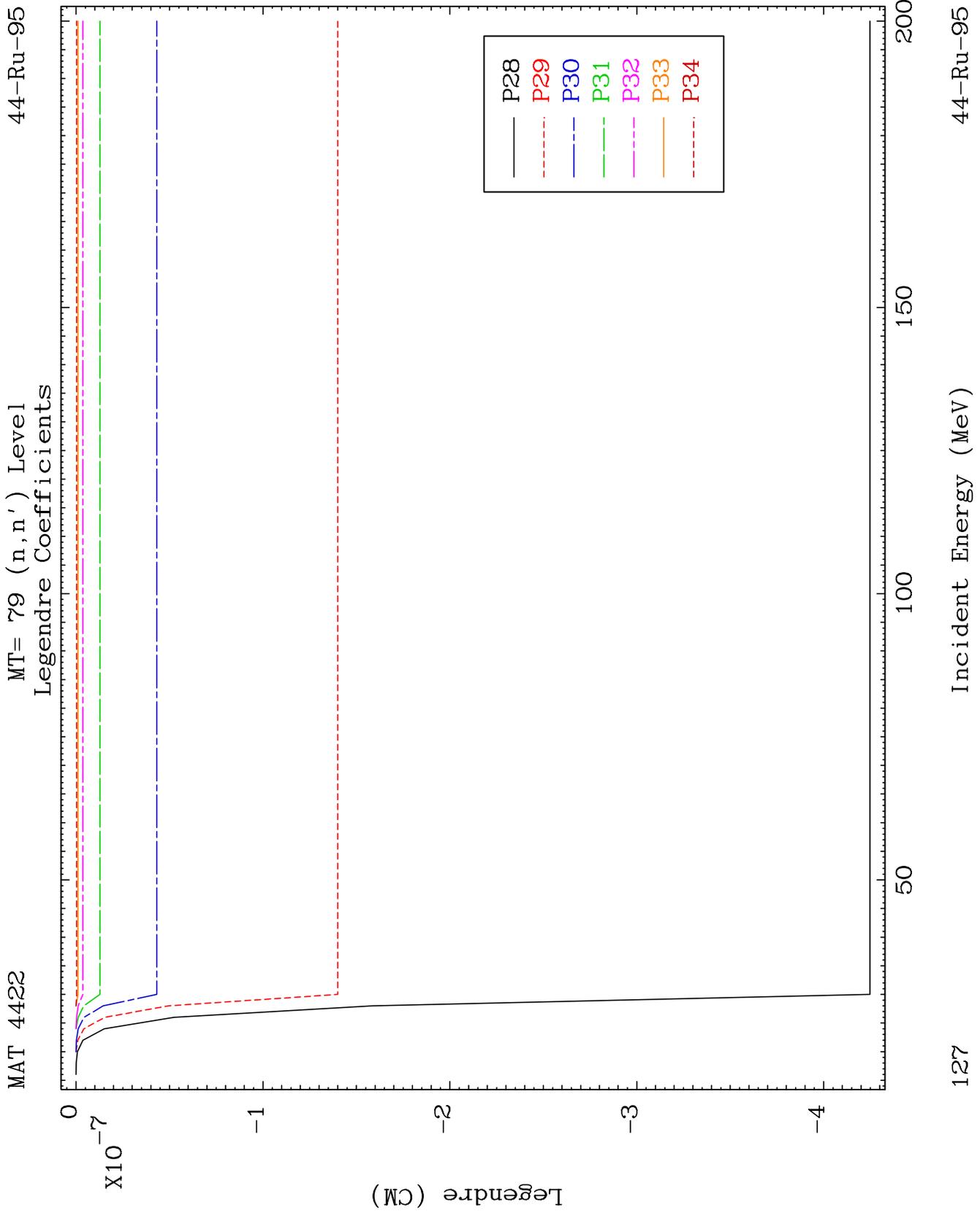


125

Incident Energy (MeV)

44-Ru-95

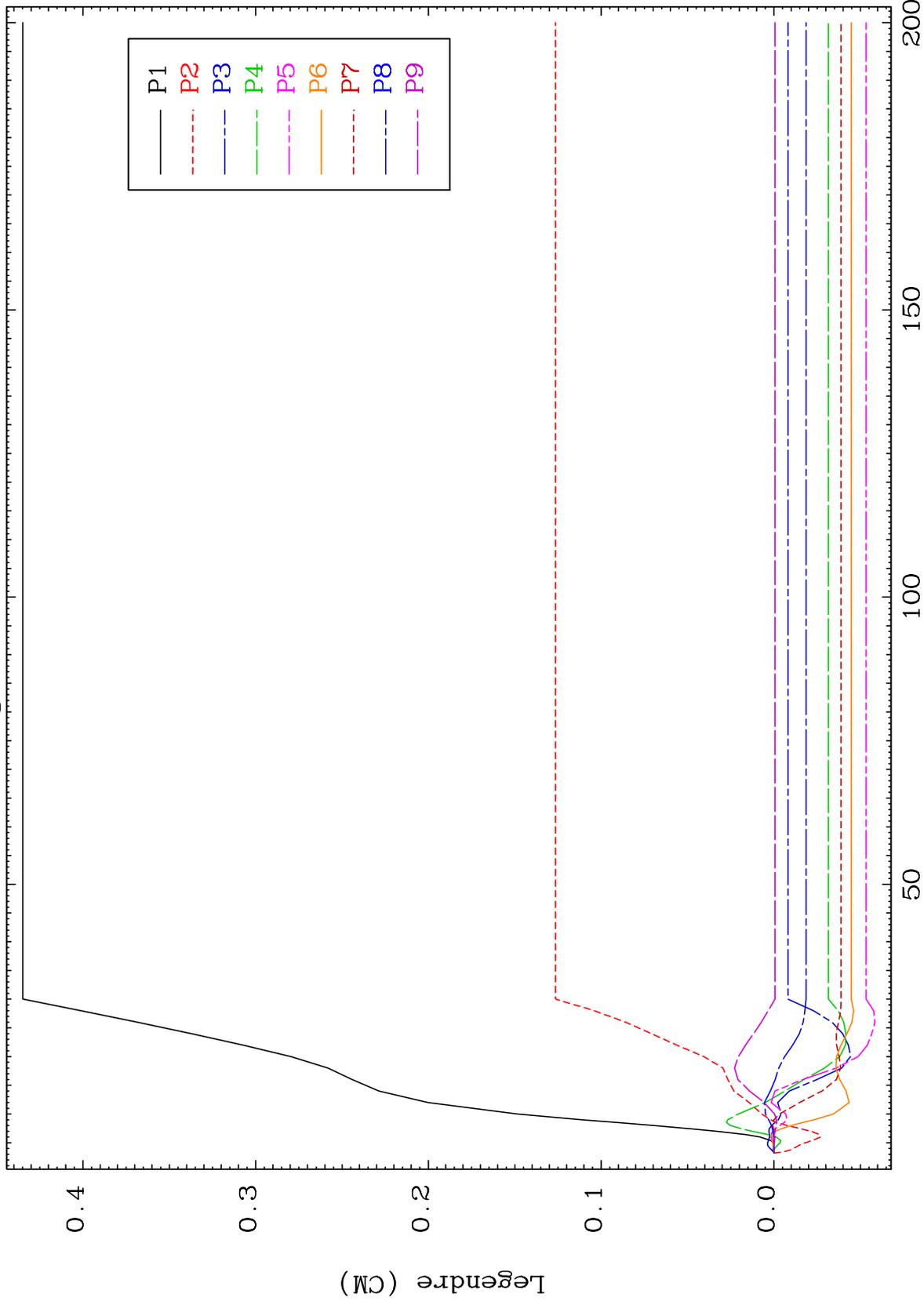




MAT 4422

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

44-Ru-95



128

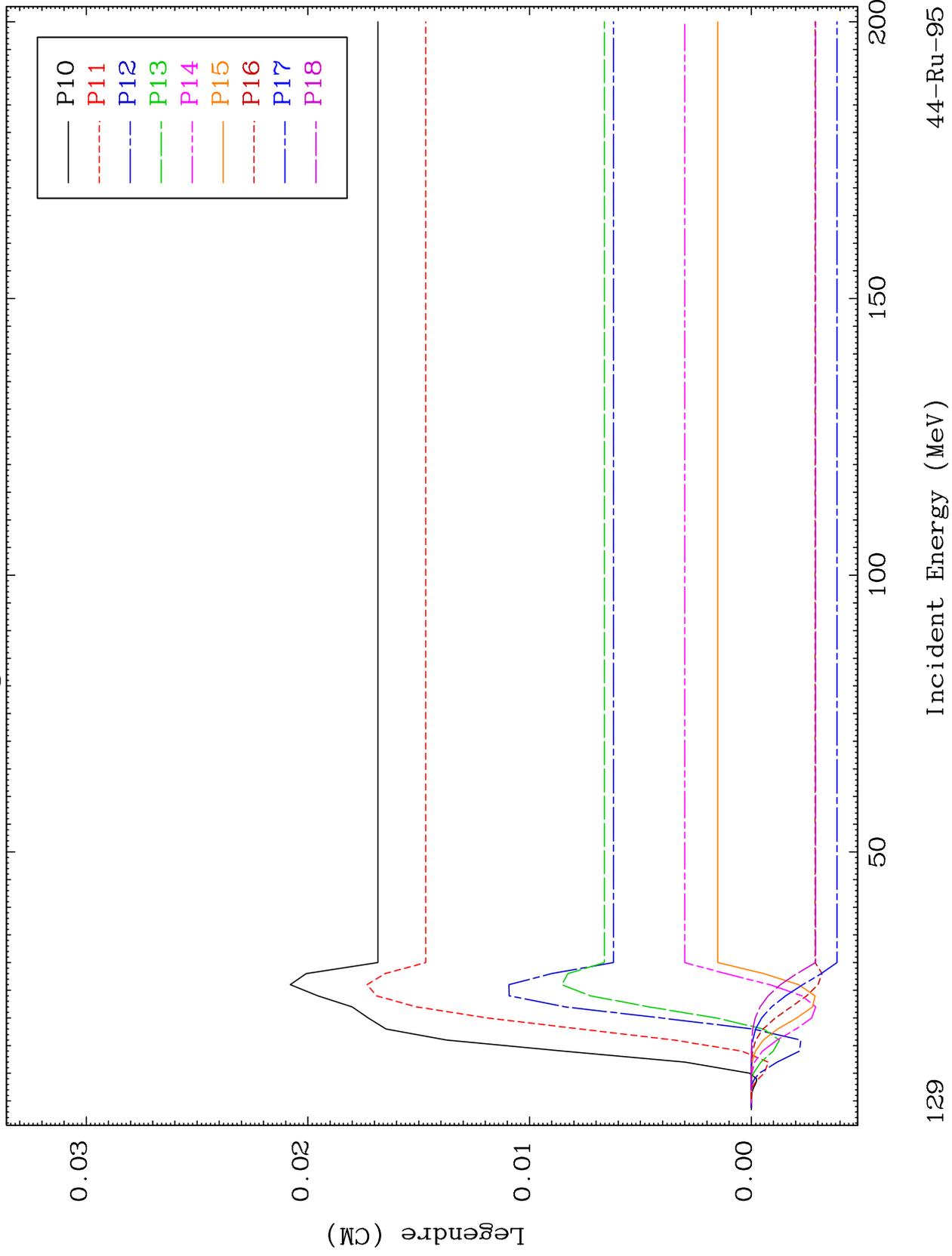
Incident Energy (MeV)

44-Ru-95

MAT 4422

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

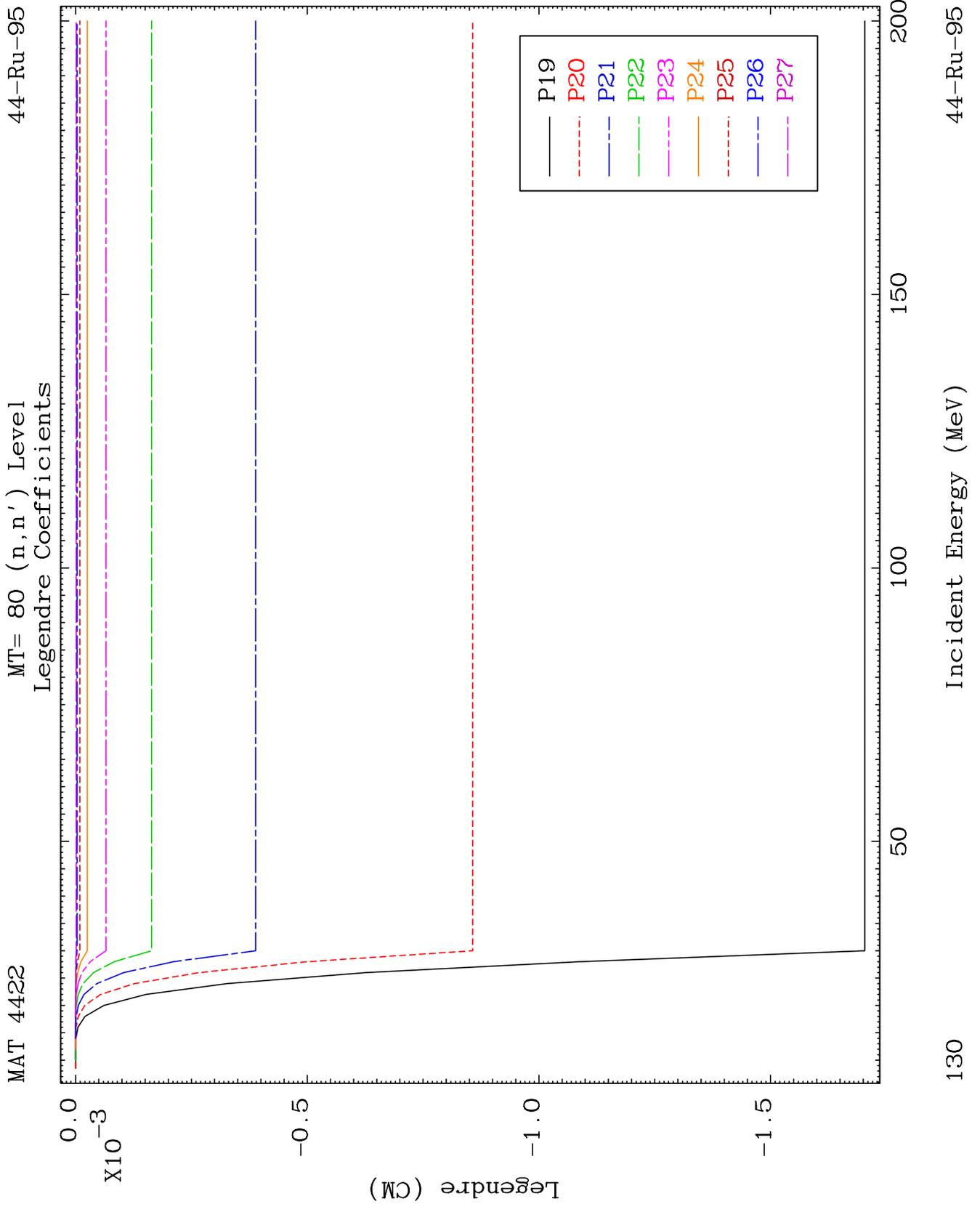
44-Ru-95

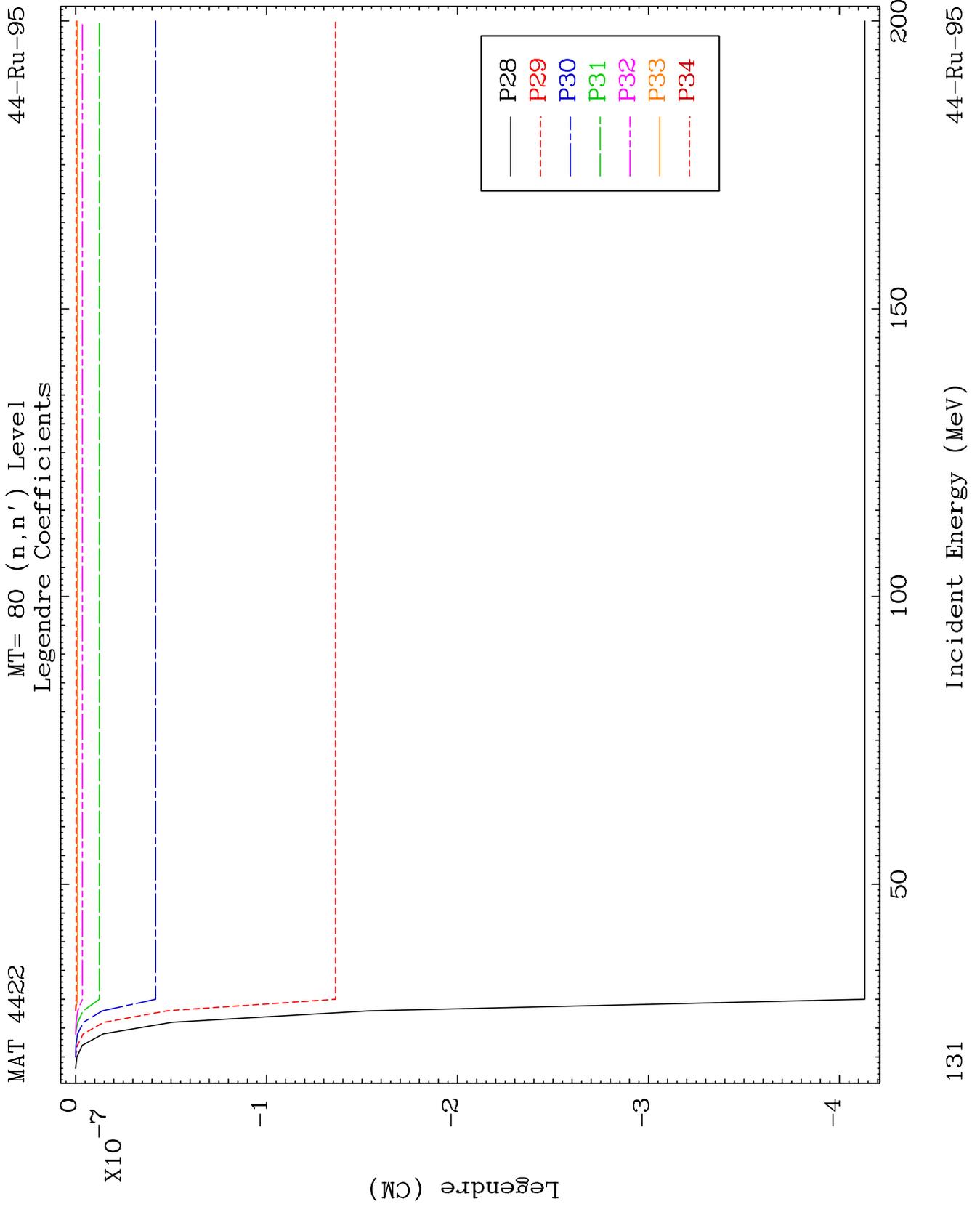


129

Incident Energy (MeV)

44-Ru-95

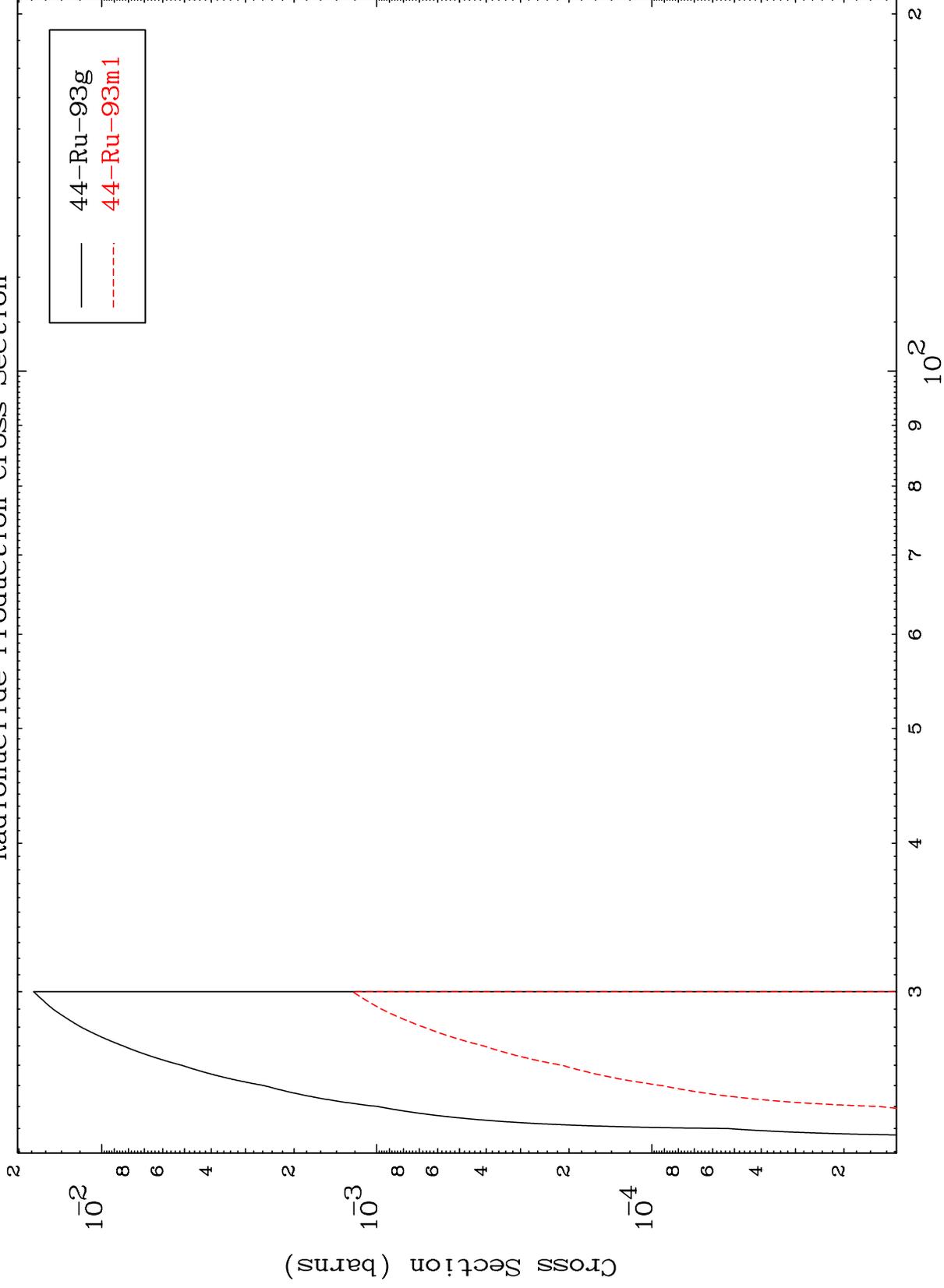




MAT 4422

44-Ru-95

(n,3n)  
Radionuclide Production Cross Section



44-Ru-93g  
44-Ru-93m1

132

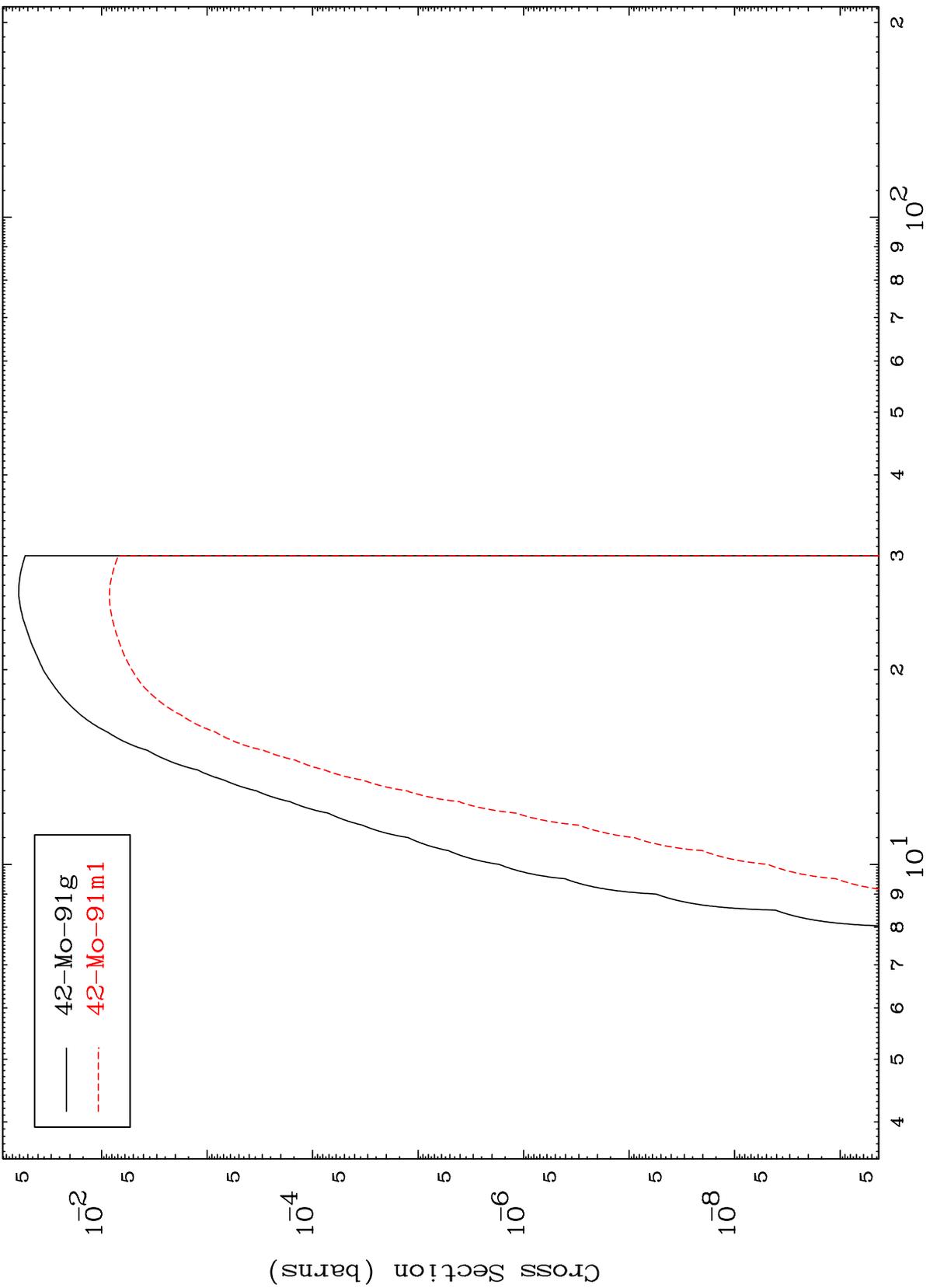
44-Ru-95

MAT 4422

(n,n')  $\alpha$

44-Ru-95

Radionuclide Production Cross Section

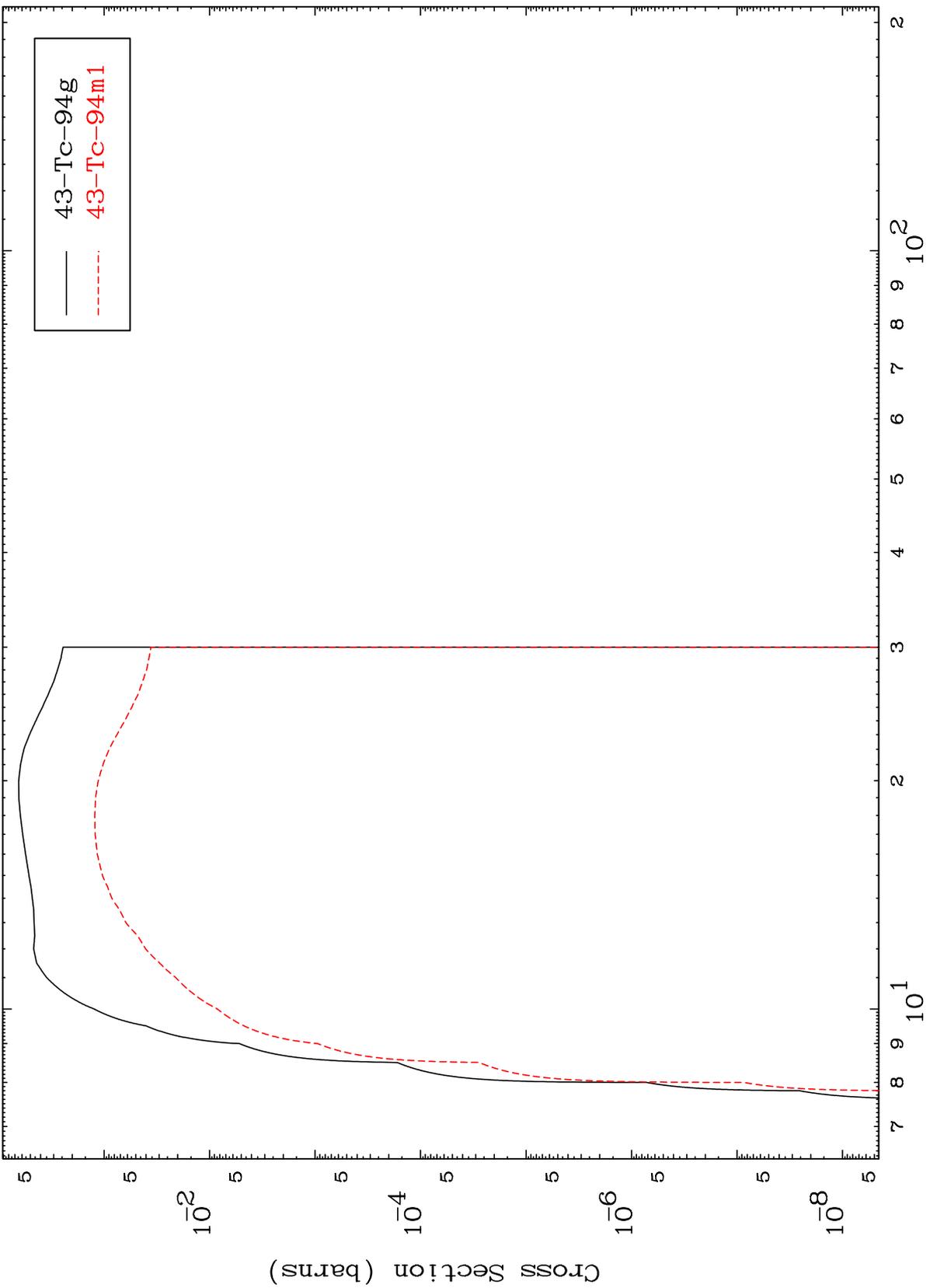


133

Incident Energy (MeV)

44-Ru-95

(n,n') p  
Radionuclide Production Cross Section

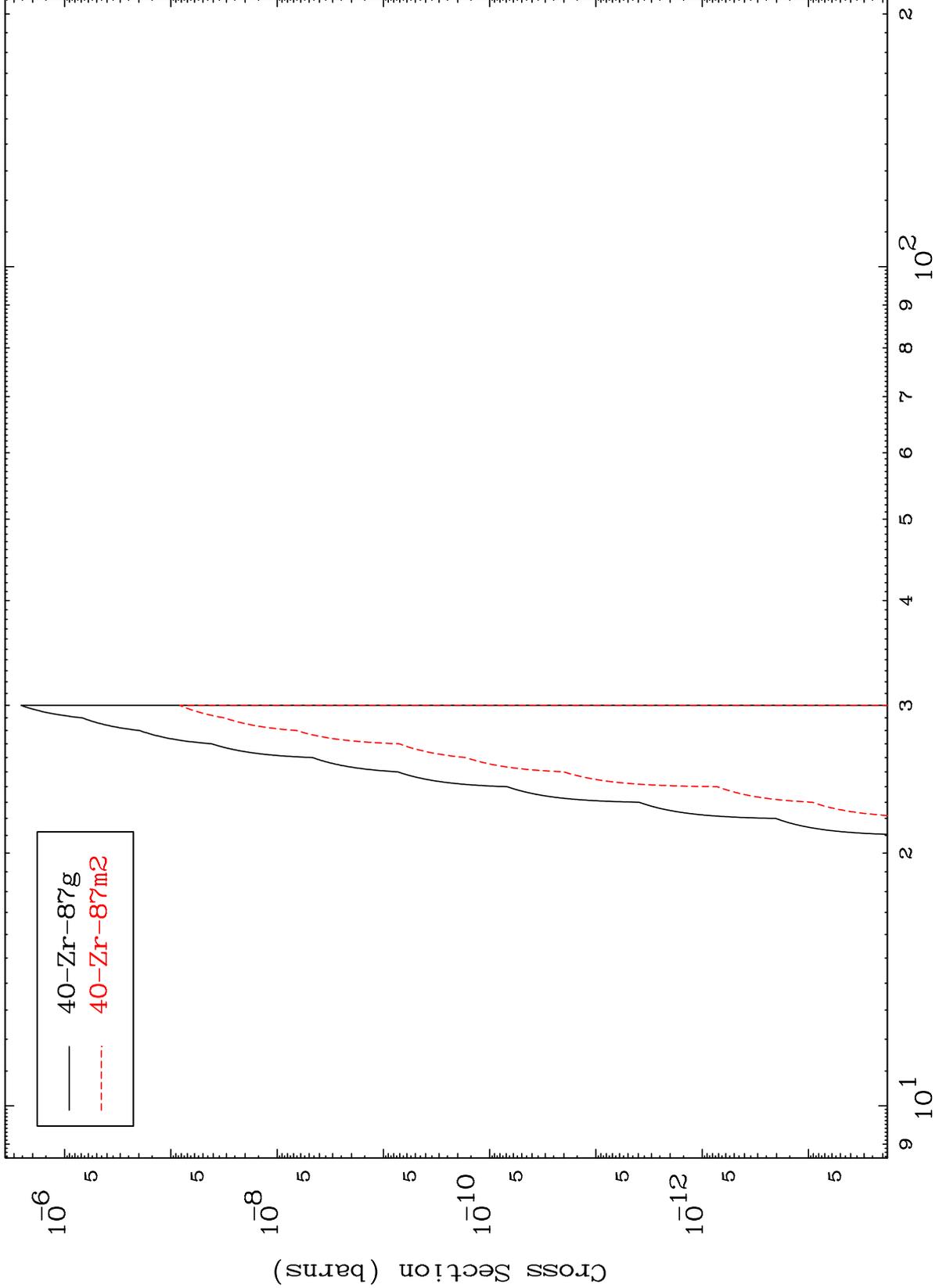


MAT 4422

(n,n') 2α

44-Ru-95

Radionuclide Production Cross Section



135

Incident Energy (MeV)

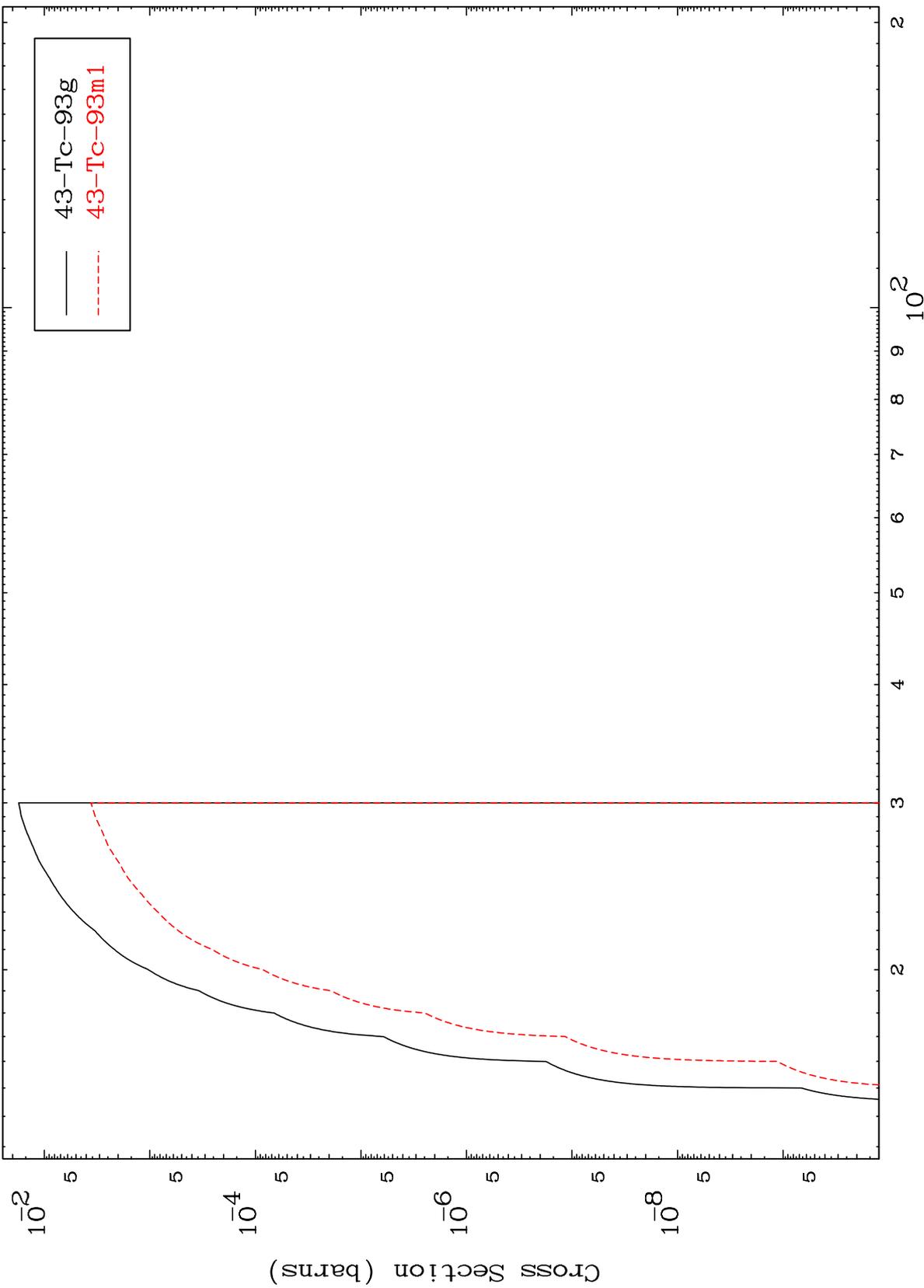
44-Ru-95

MAT 4422

(n,n') d

44-Ru-95

Radionuclide Production Cross Section

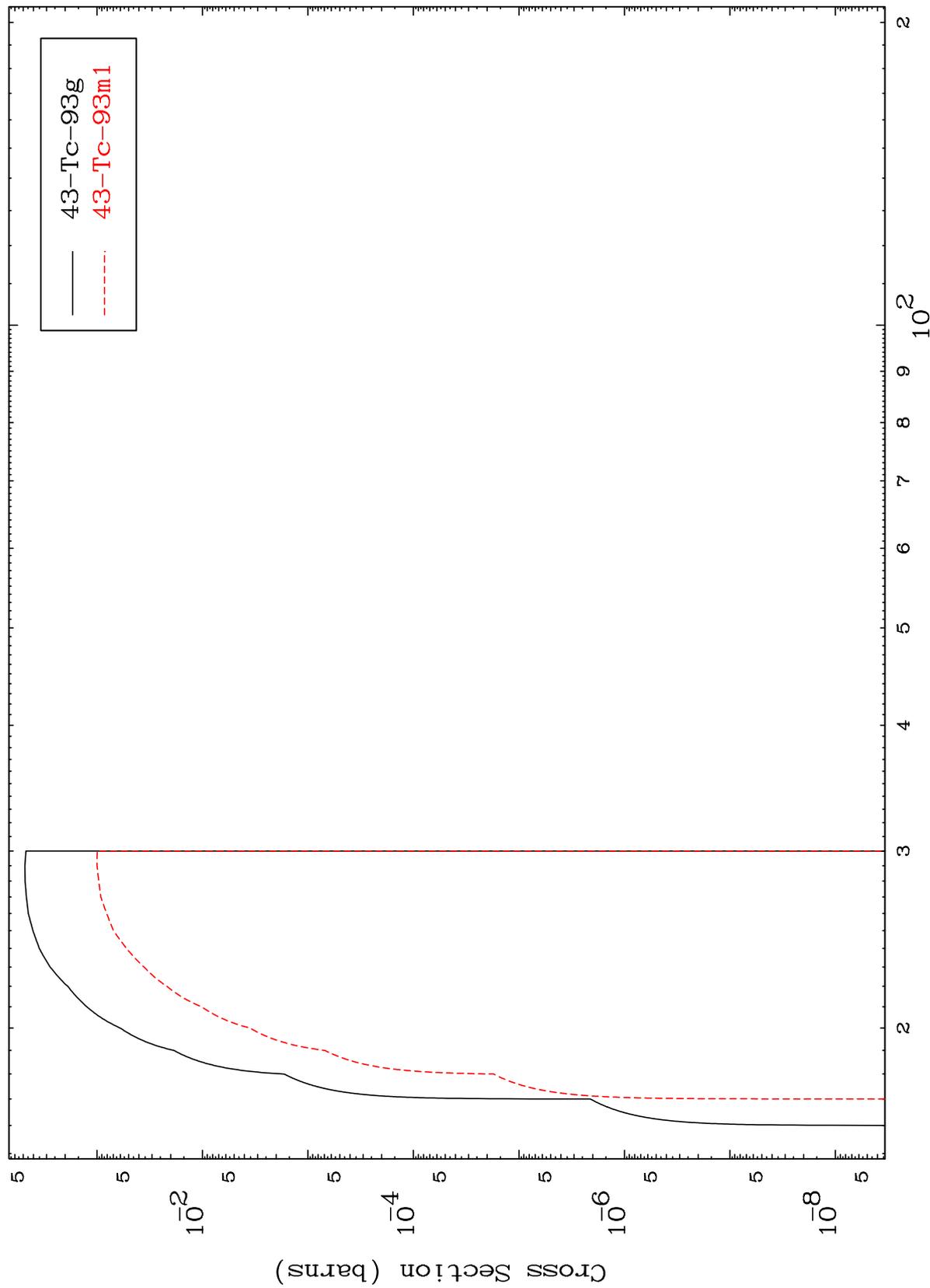


136

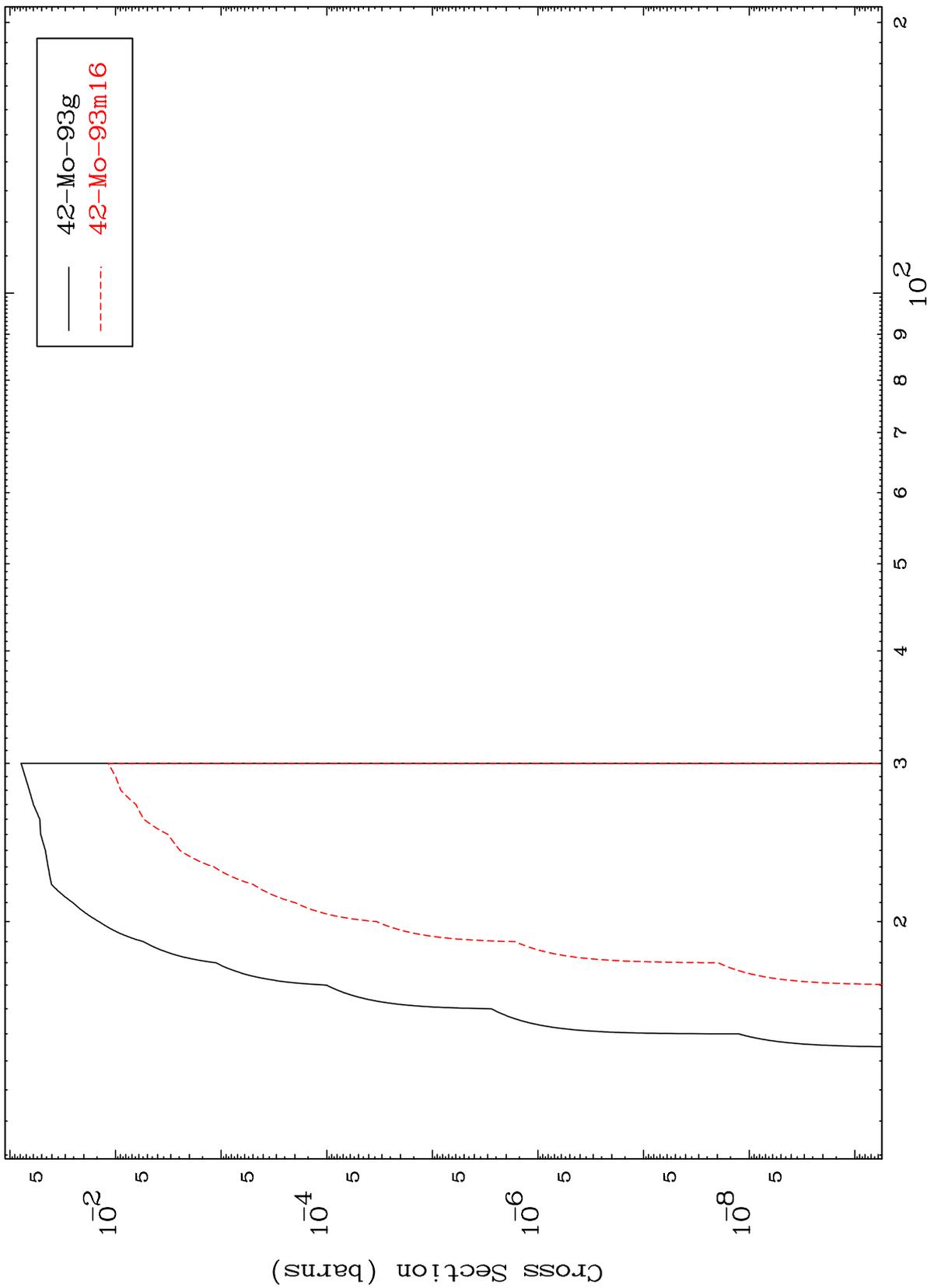
Incident Energy (MeV)

44-Ru-95

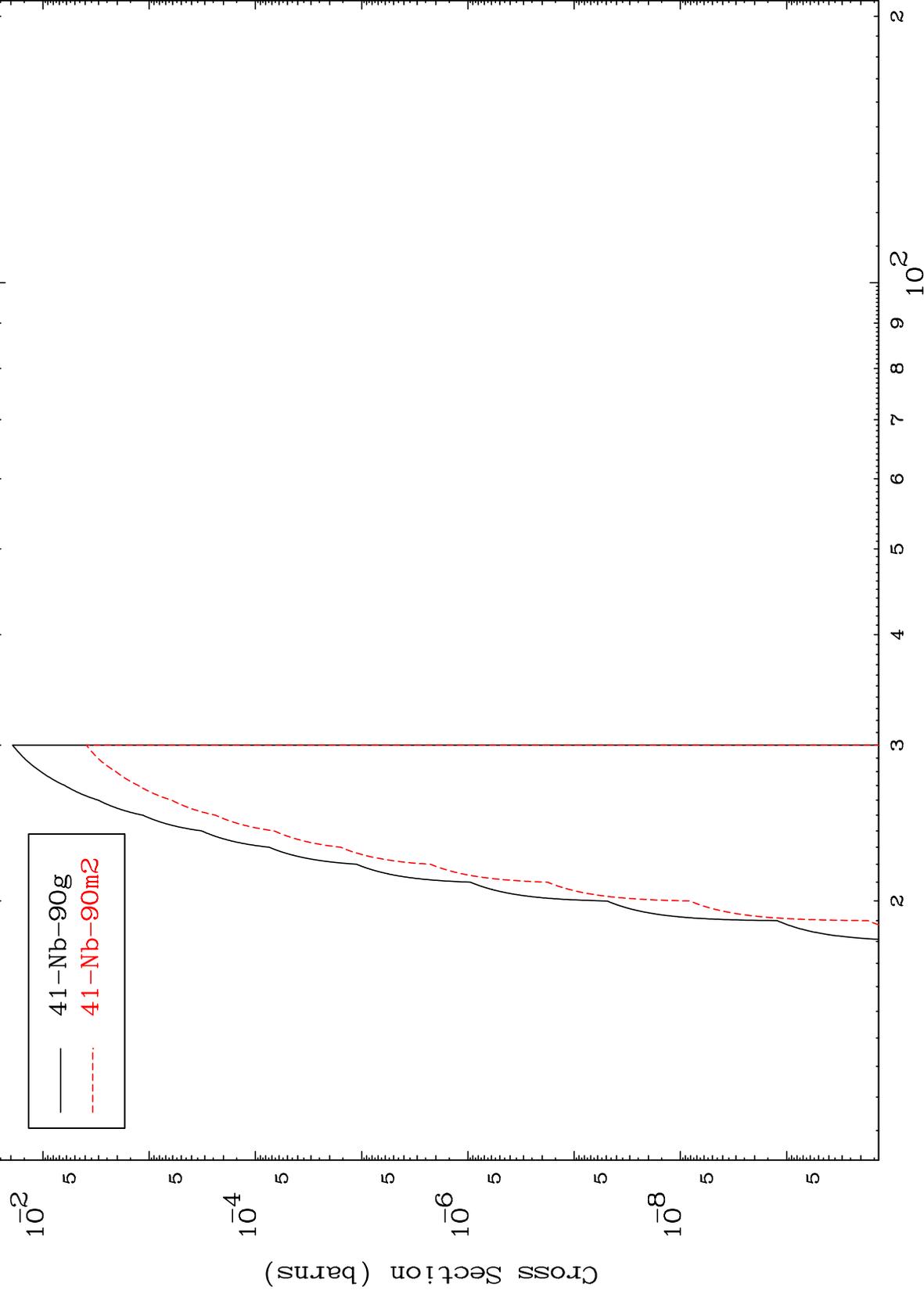
Radionuclide Production Cross Section



Radionuclide Production Cross Section



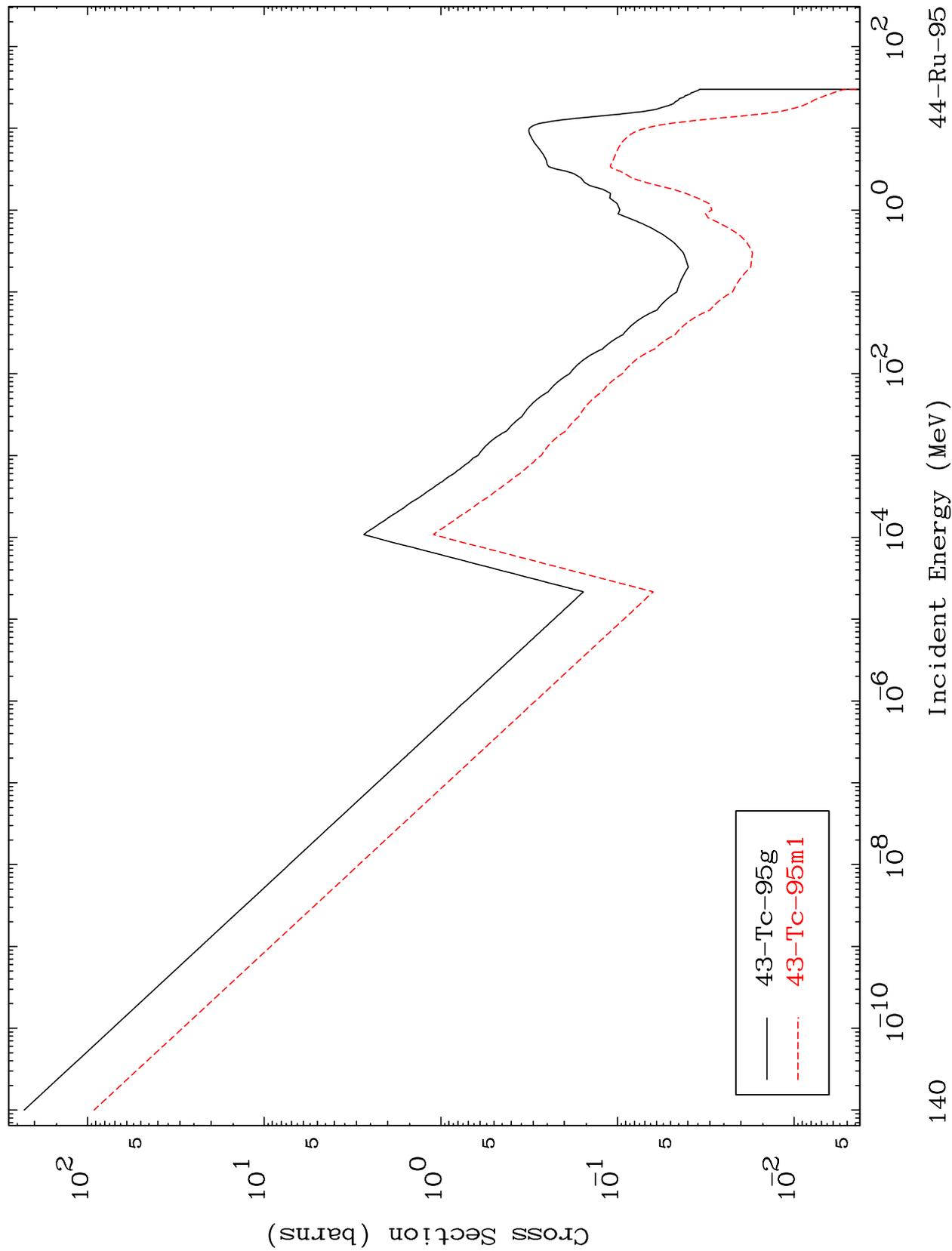
Radionuclide Production Cross Section



MAT 4422

44-Ru-95

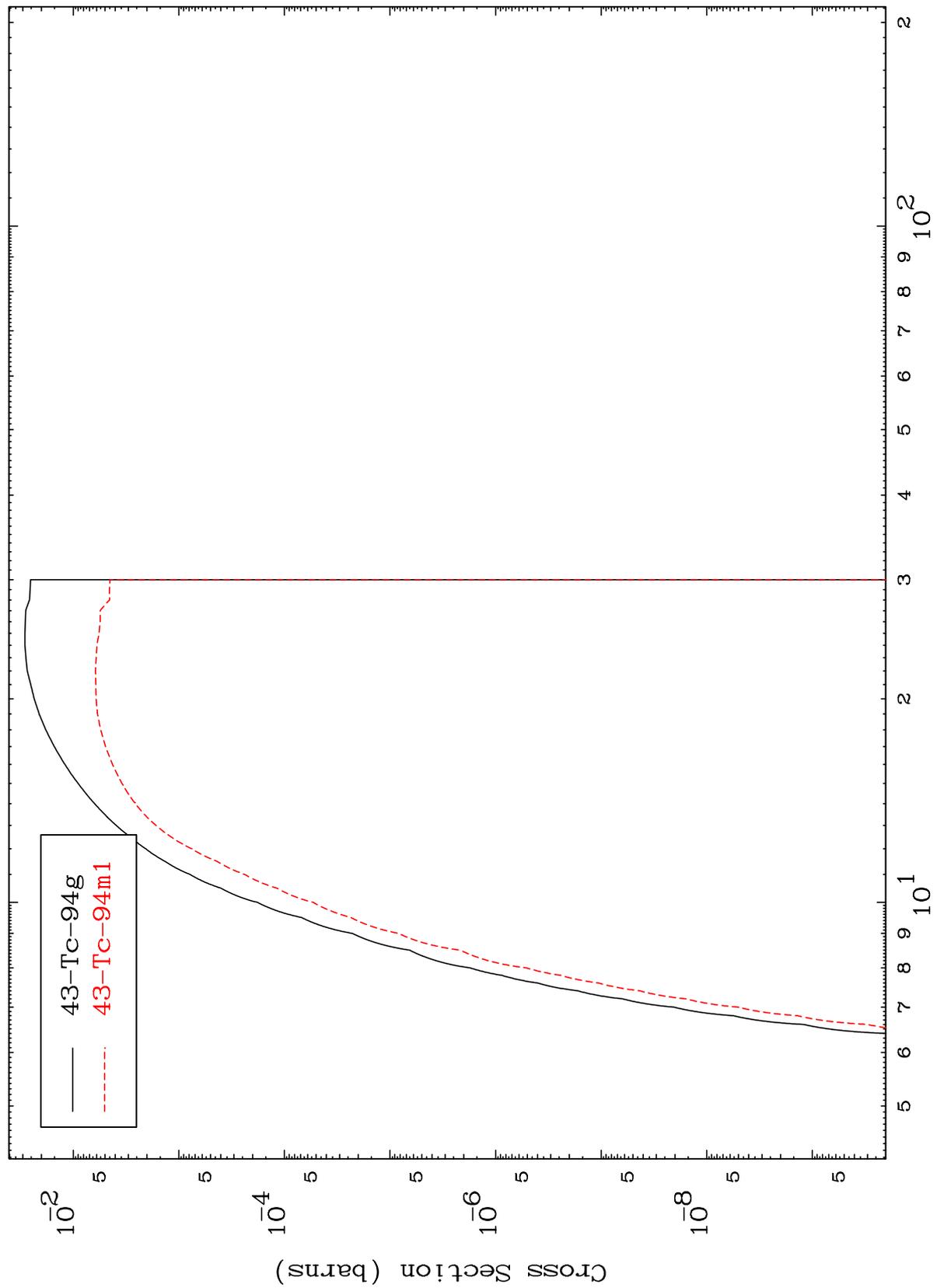
(n,p)  
Radionuclide Production Cross Section



MAT 4422

44-Ru-95

(n,d)  
Radionuclide Production Cross Section

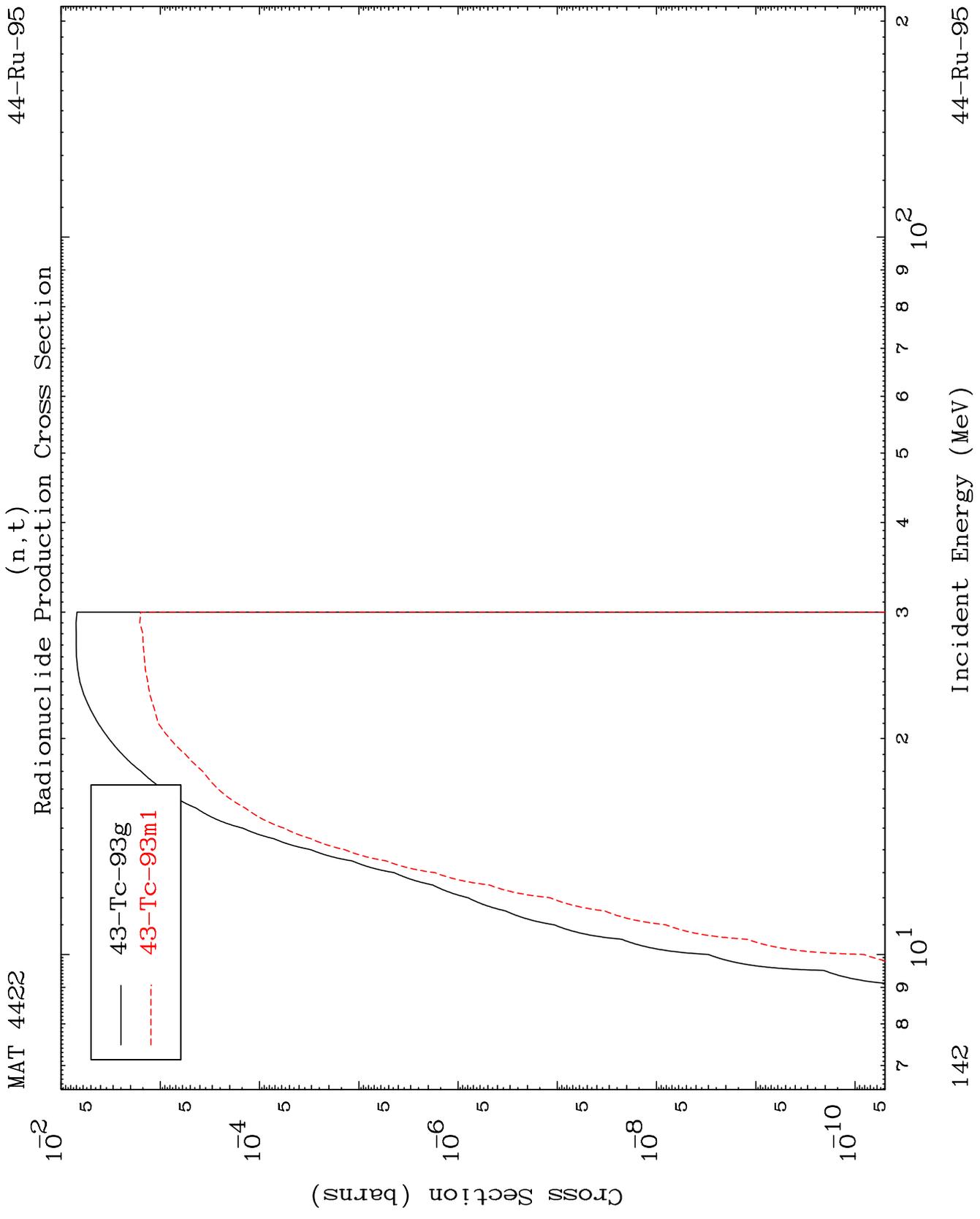


— 43-Tc-94g  
- - - 43-Tc-94m1

141

Incident Energy (MeV)

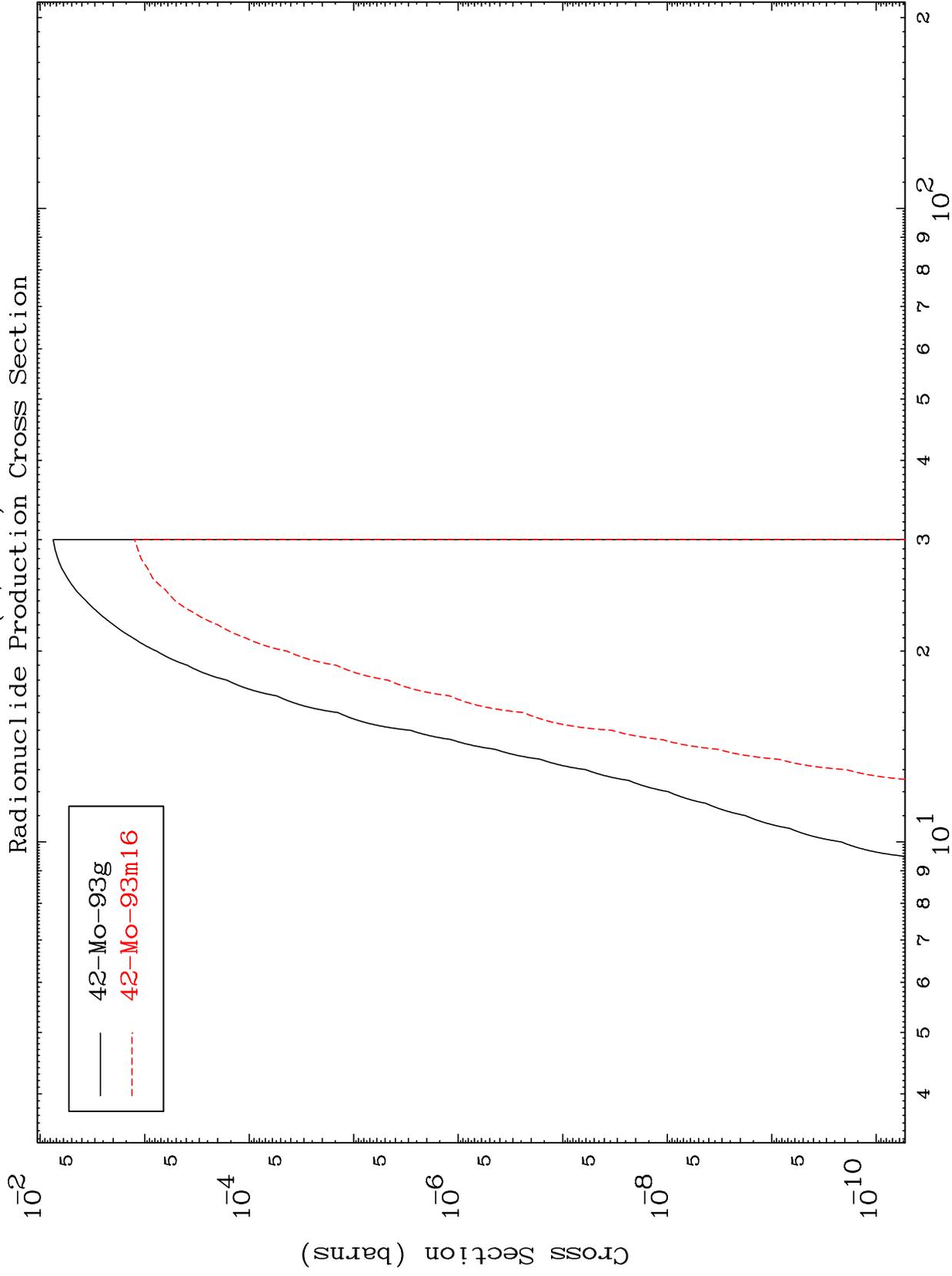
44-Ru-95



MAT 4422

(n,He-3)

44-Ru-95



143

Incident Energy (MeV)

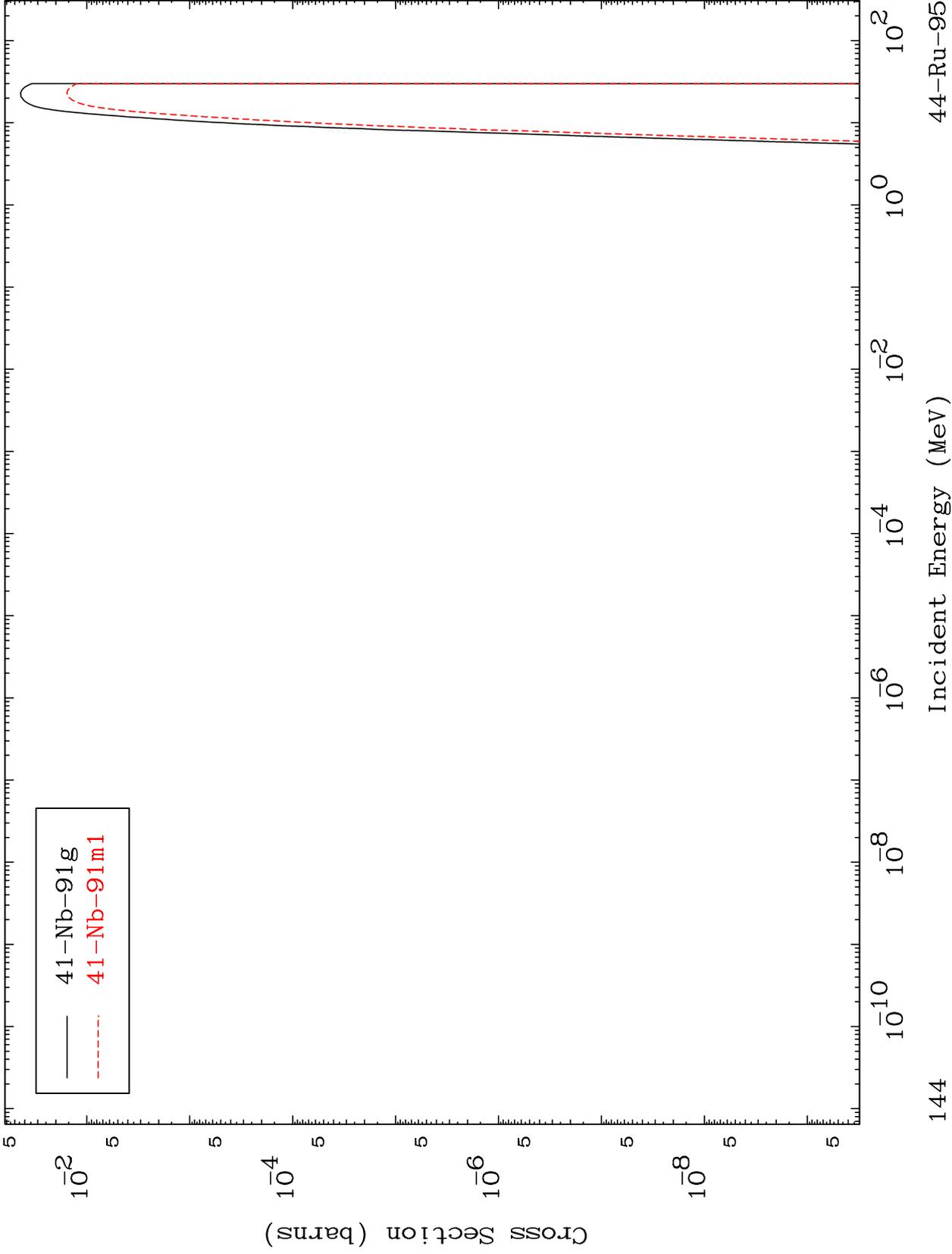
44-Ru-95

MAT 4422

(n,p)  $\alpha$

44-Ru-95

Radionuclide Production Cross Section



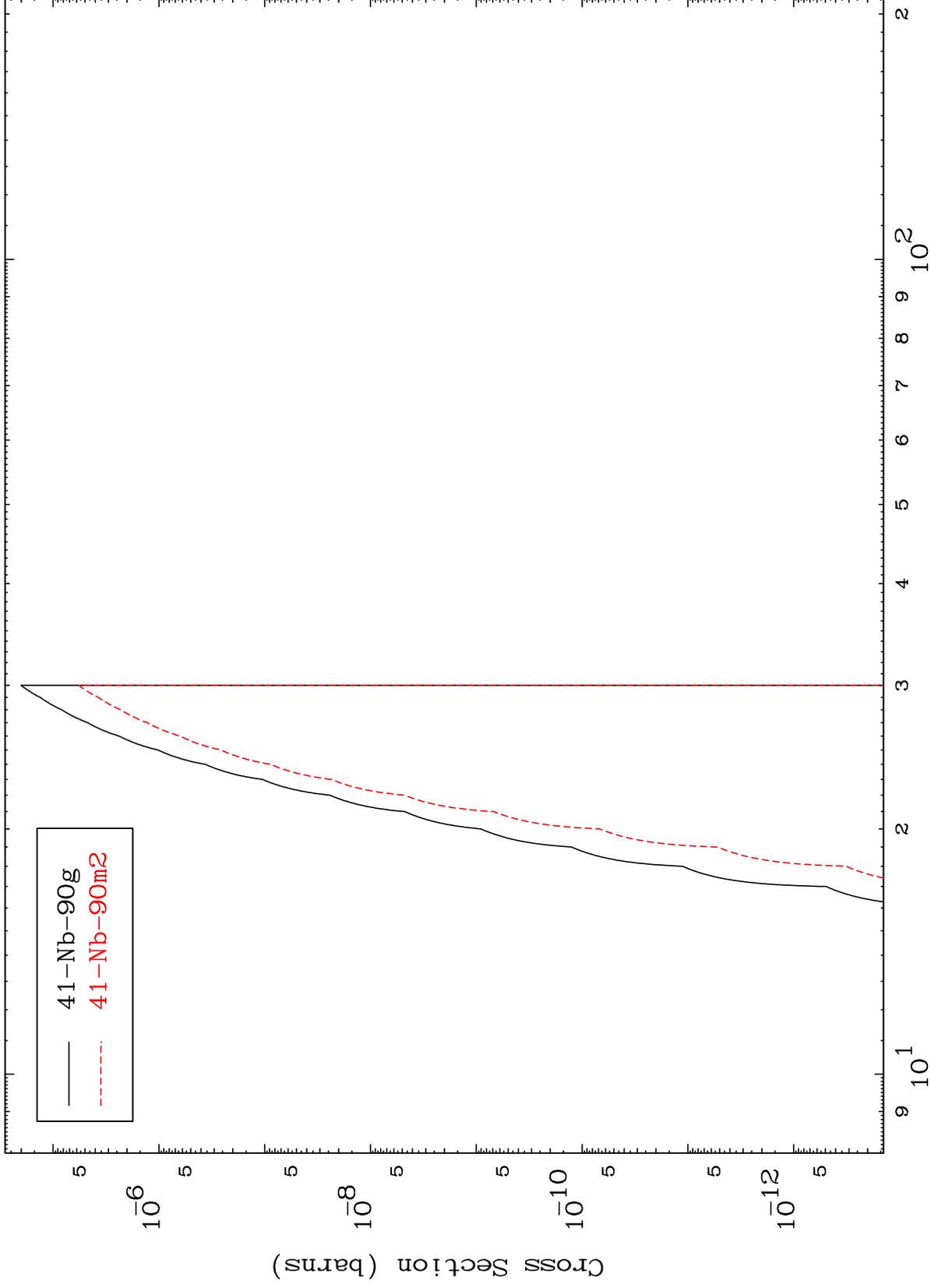


MAT 4422

(n,d)  $\alpha$

44-Ru-95

Radionuclide Production Cross Section



146

Incident Energy (MeV)

44-Ru-95