

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

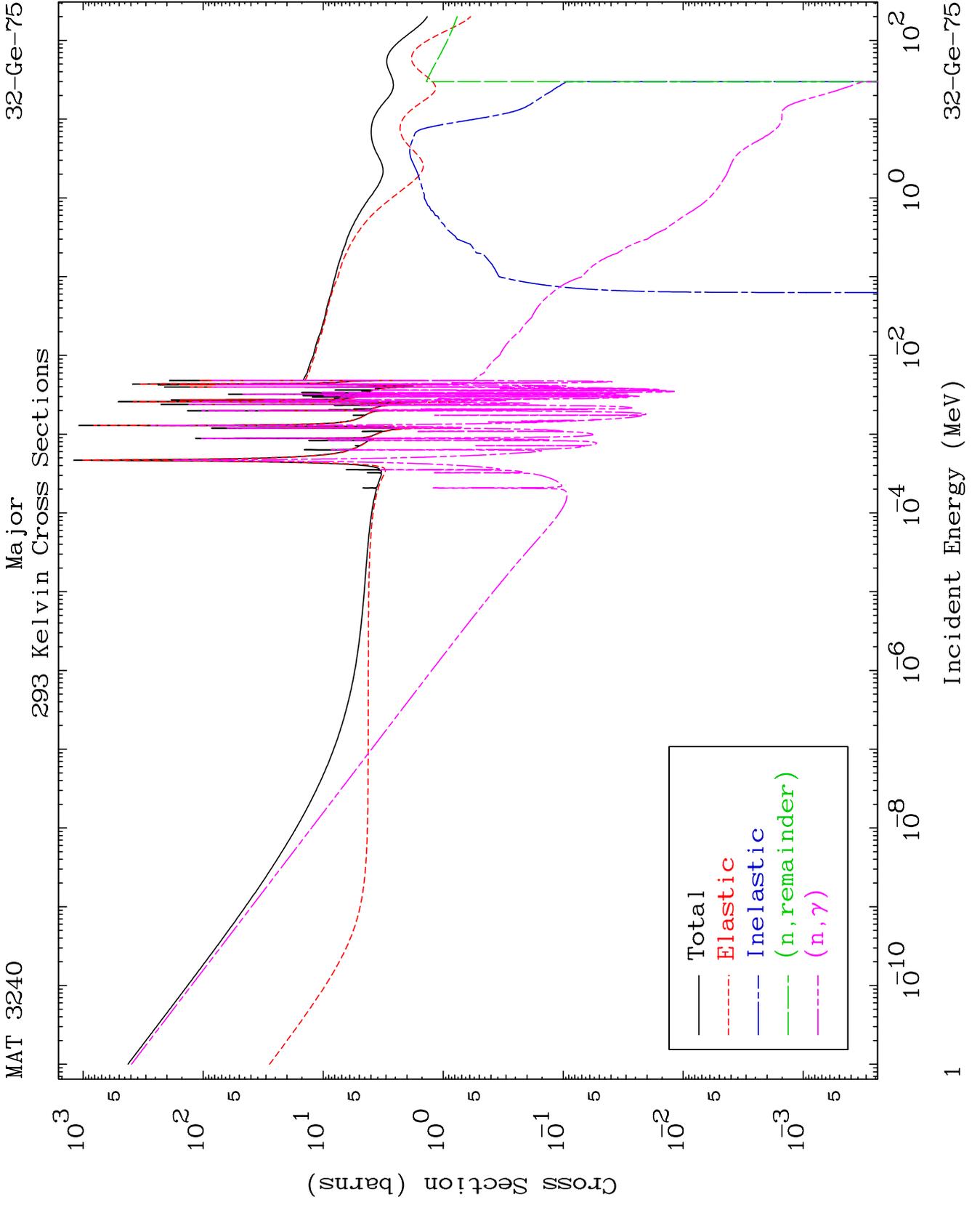
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

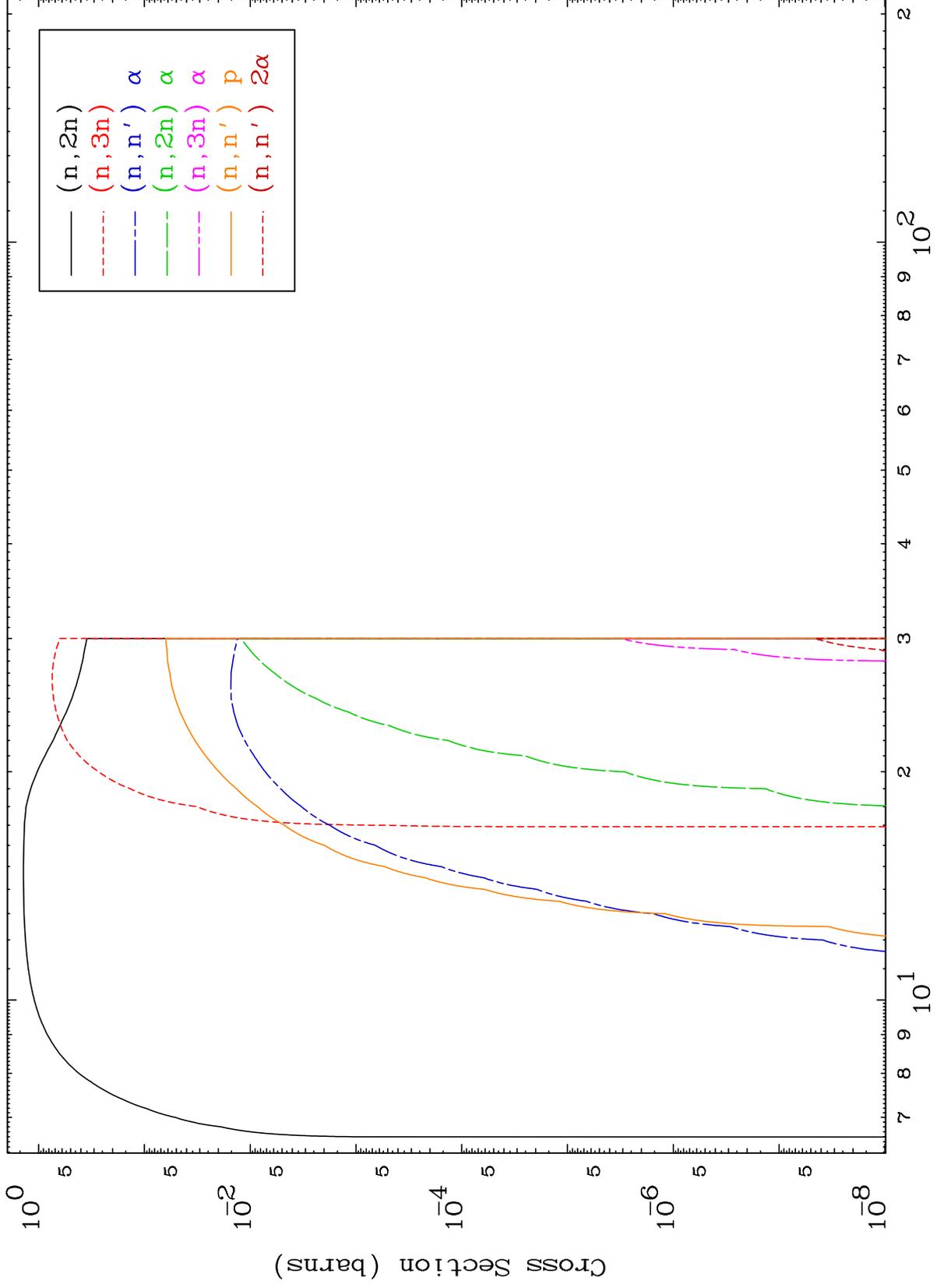
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MAT 3240

Neutron Production
293 Kelvin Cross Sections

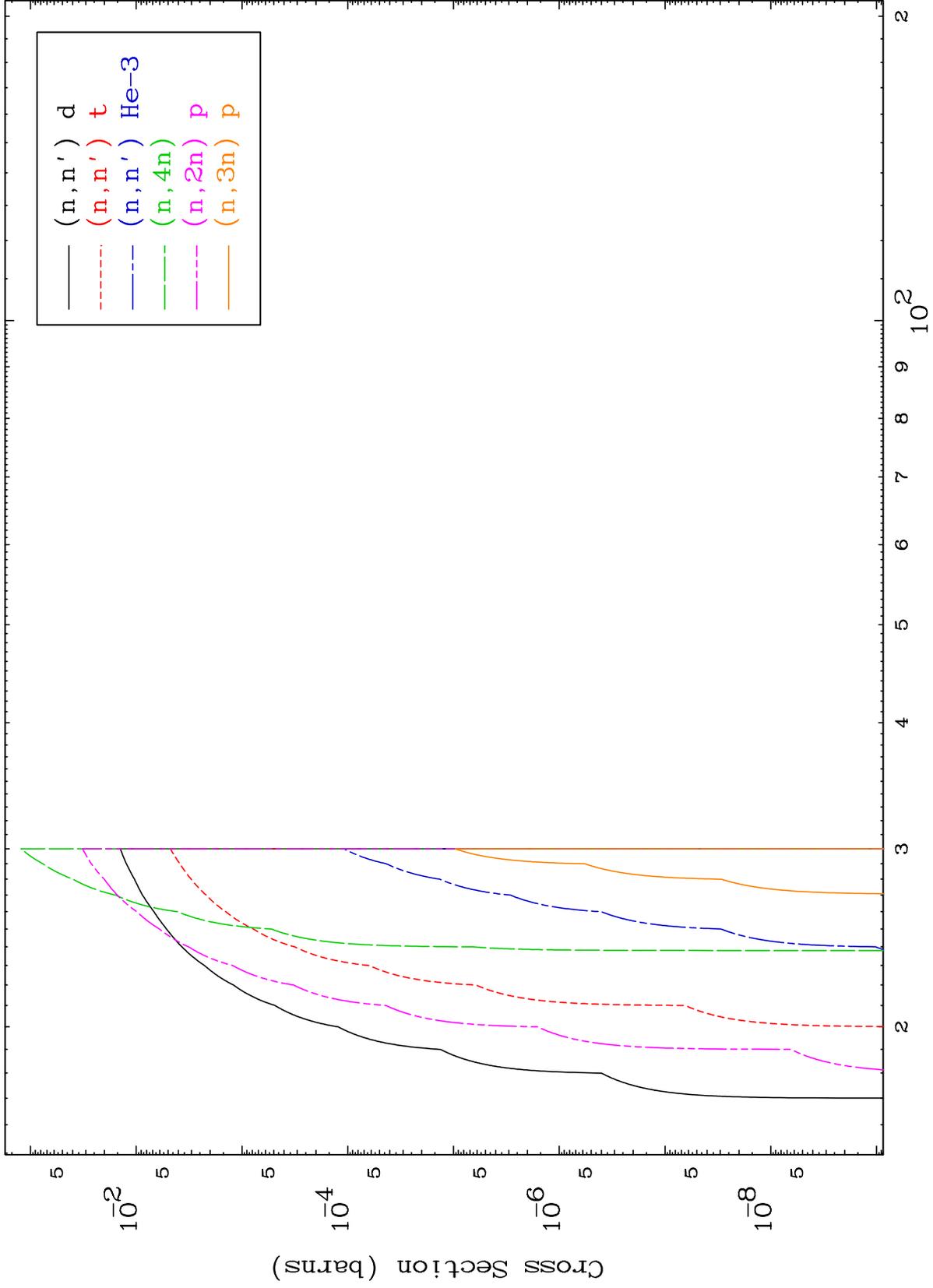
32-Ge-75



2

Incident Energy (MeV)

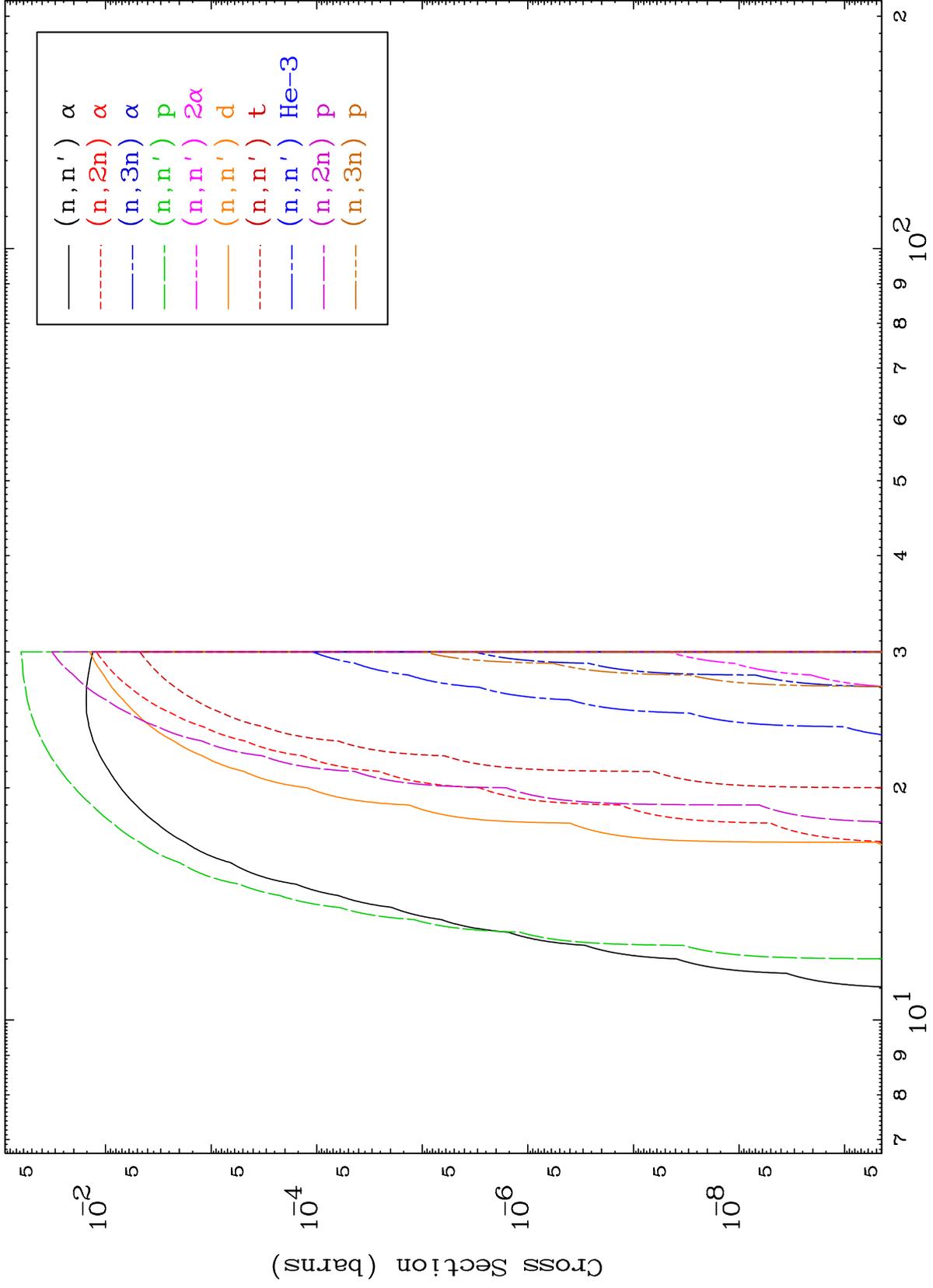
32-Ge-75



MAT 3240

Charged Particle
293 Kelvin Cross Sections

32-Ge-75



4

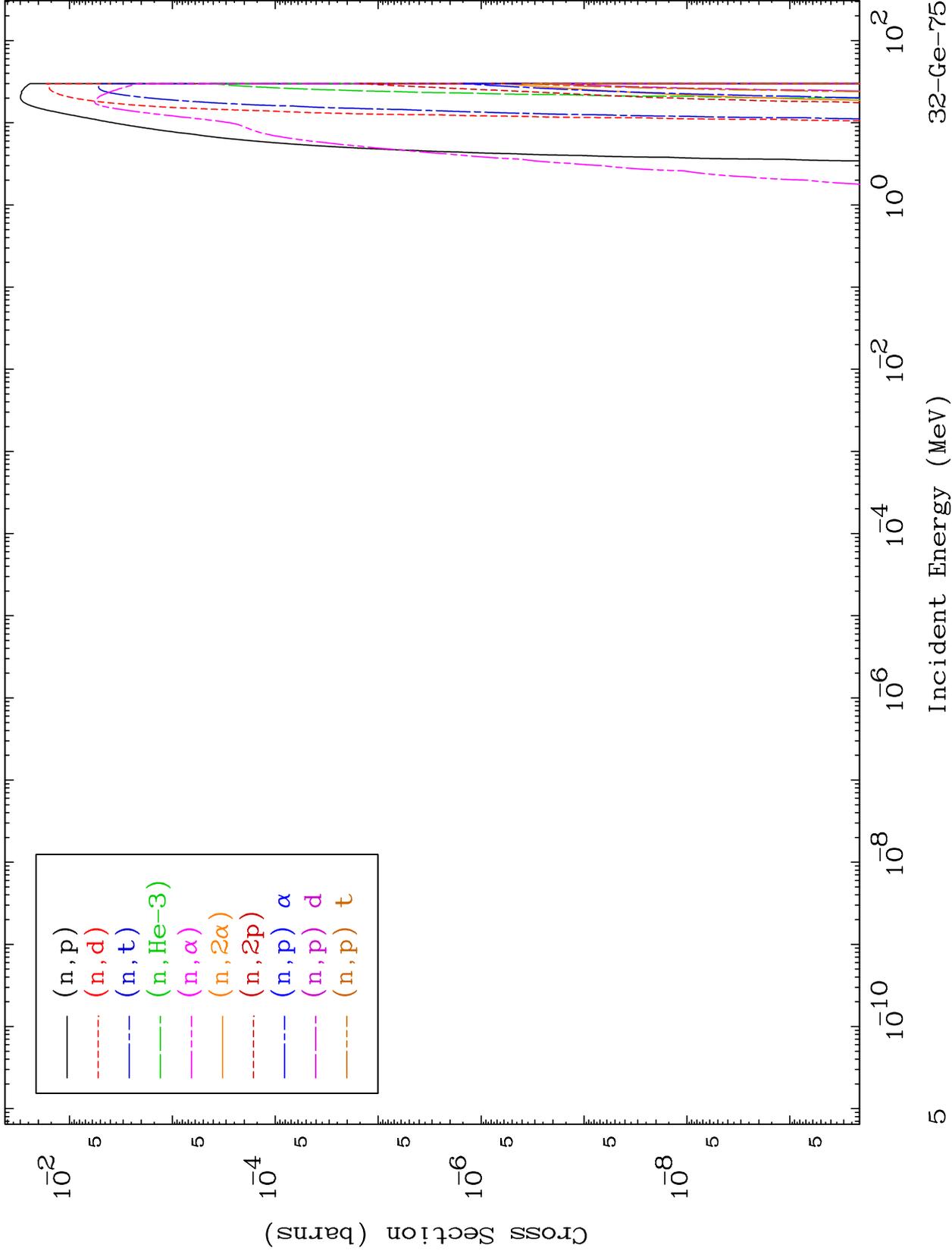
Incident Energy (MeV)

32-Ge-75

MAT 3240

Charged Particle
293 Kelvin Cross Sections

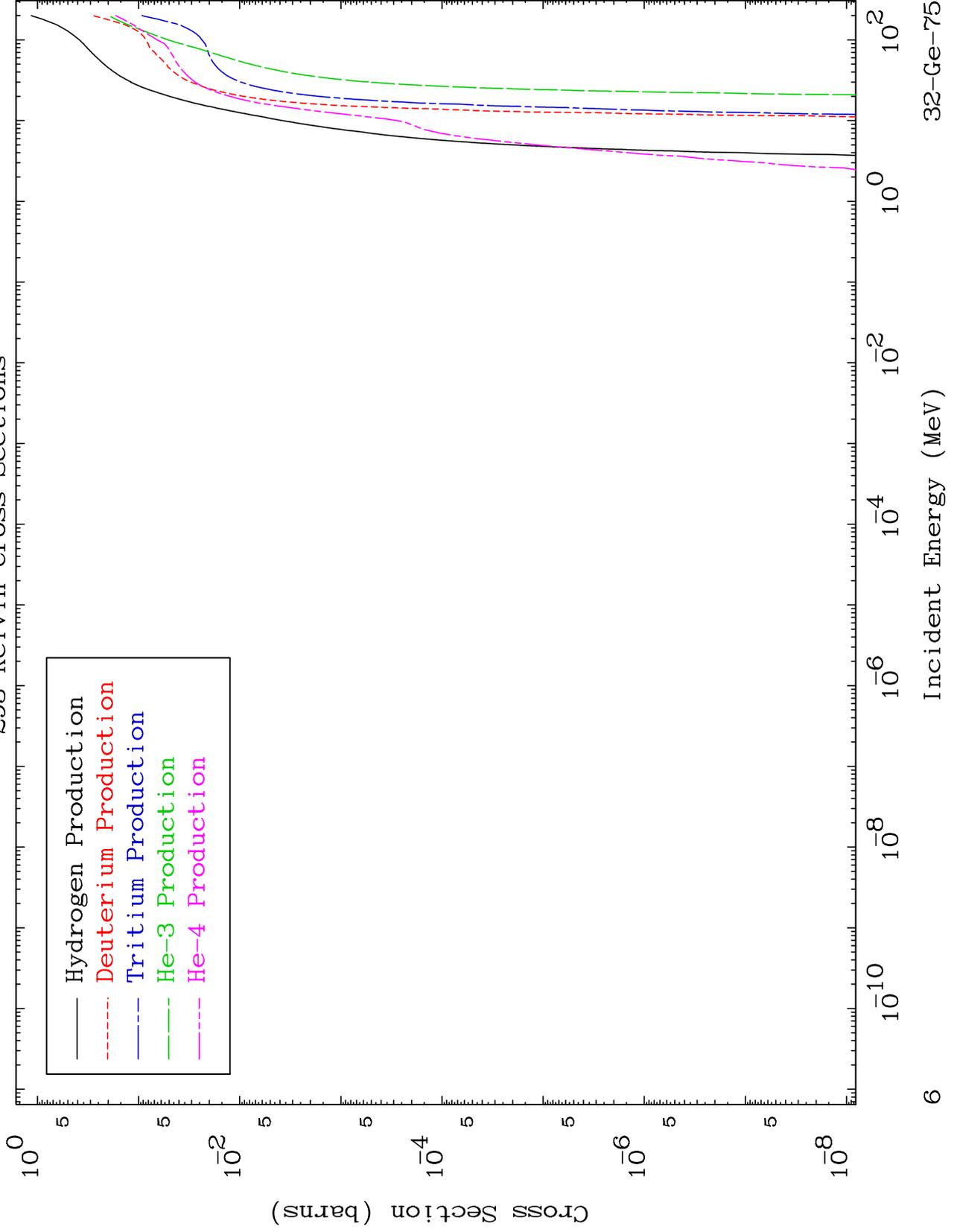
32-Ge-75



MAT 3240

Particle Production
293 Kelvin Cross Sections

32-Ge-75

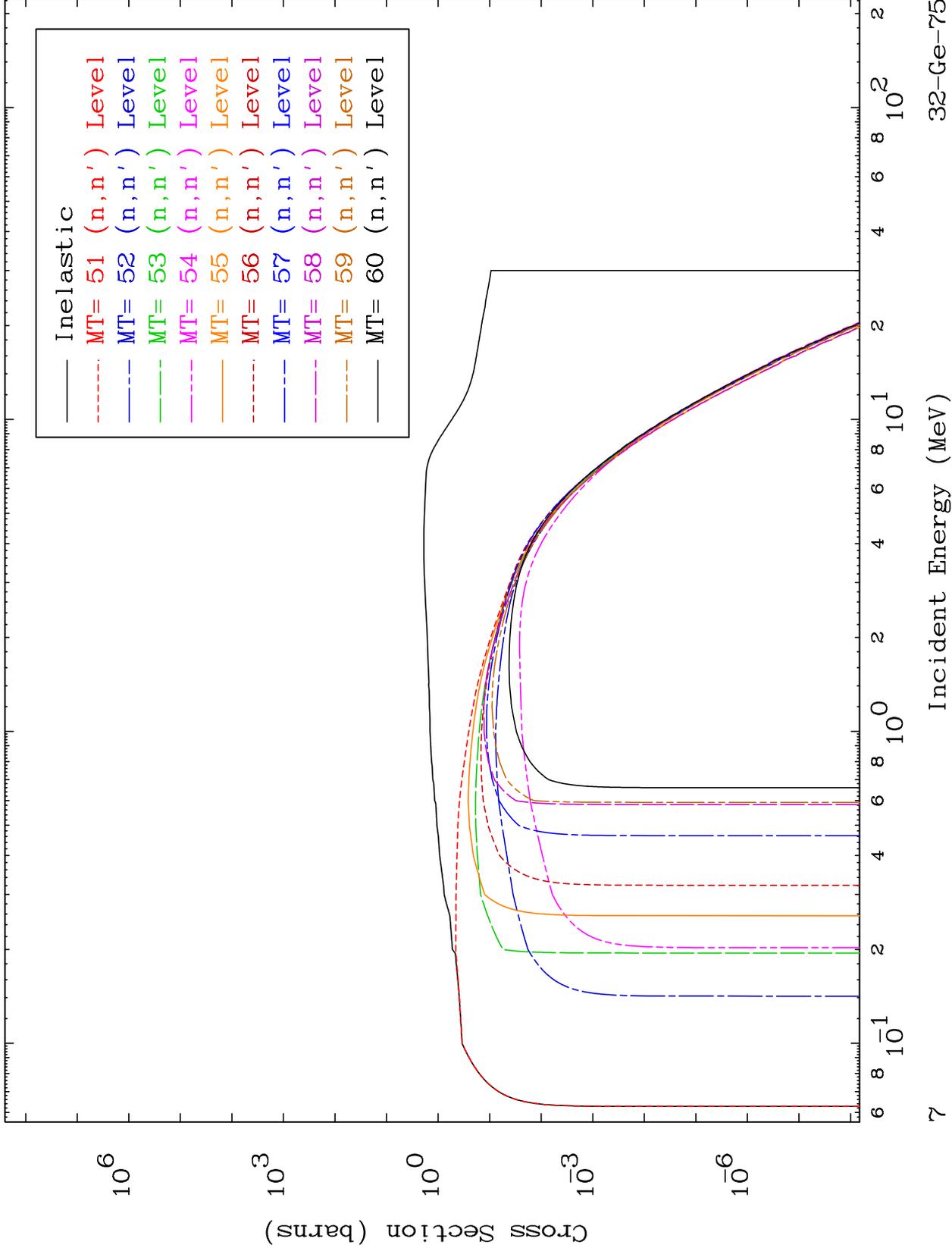


MAT 3240

(n,n') Level

32-Ge-75

293 Kelvin Cross Sections

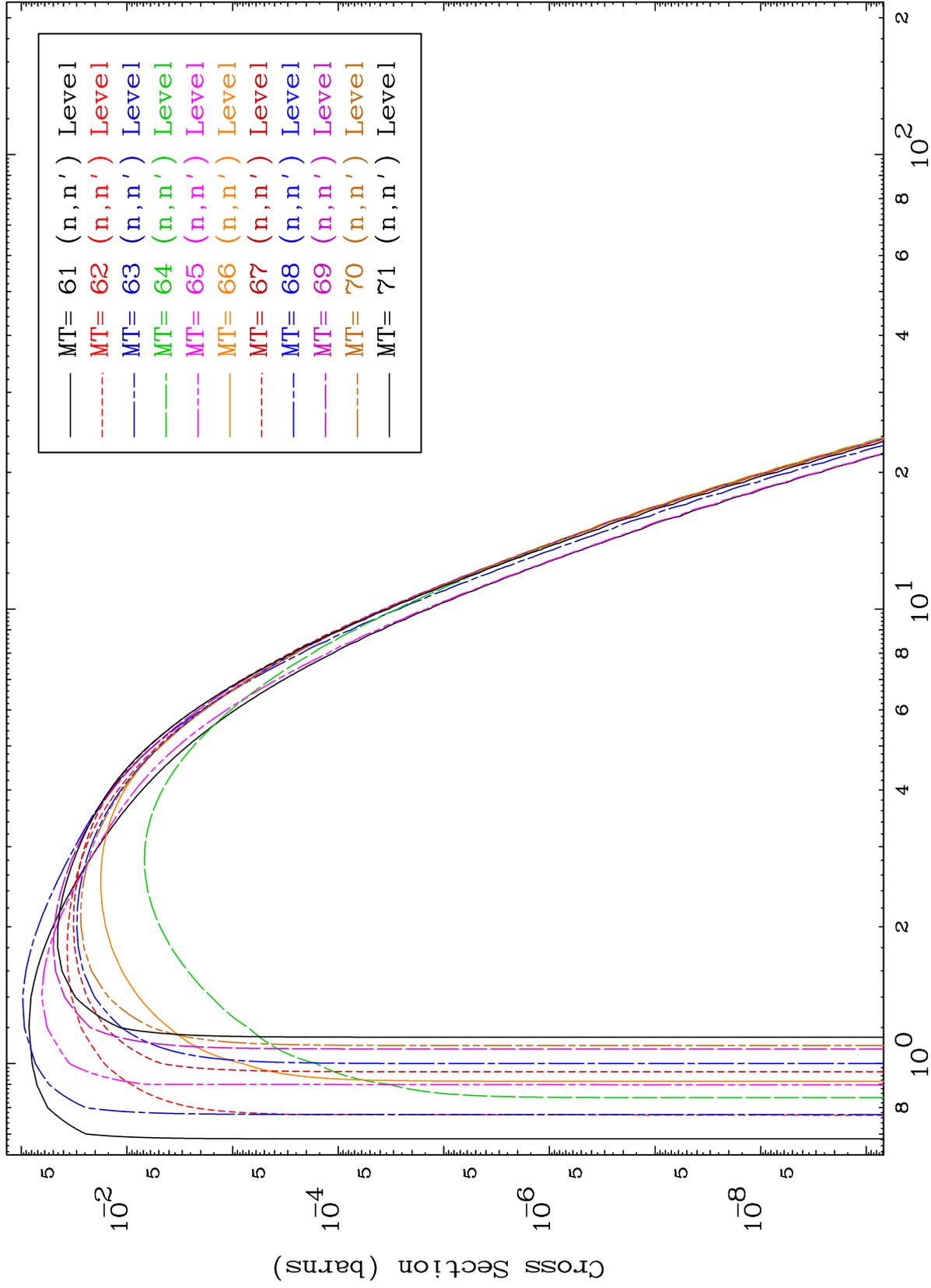


MAT 3240

(n,n') Level

32-Ge-75

293 Kelvin Cross Sections

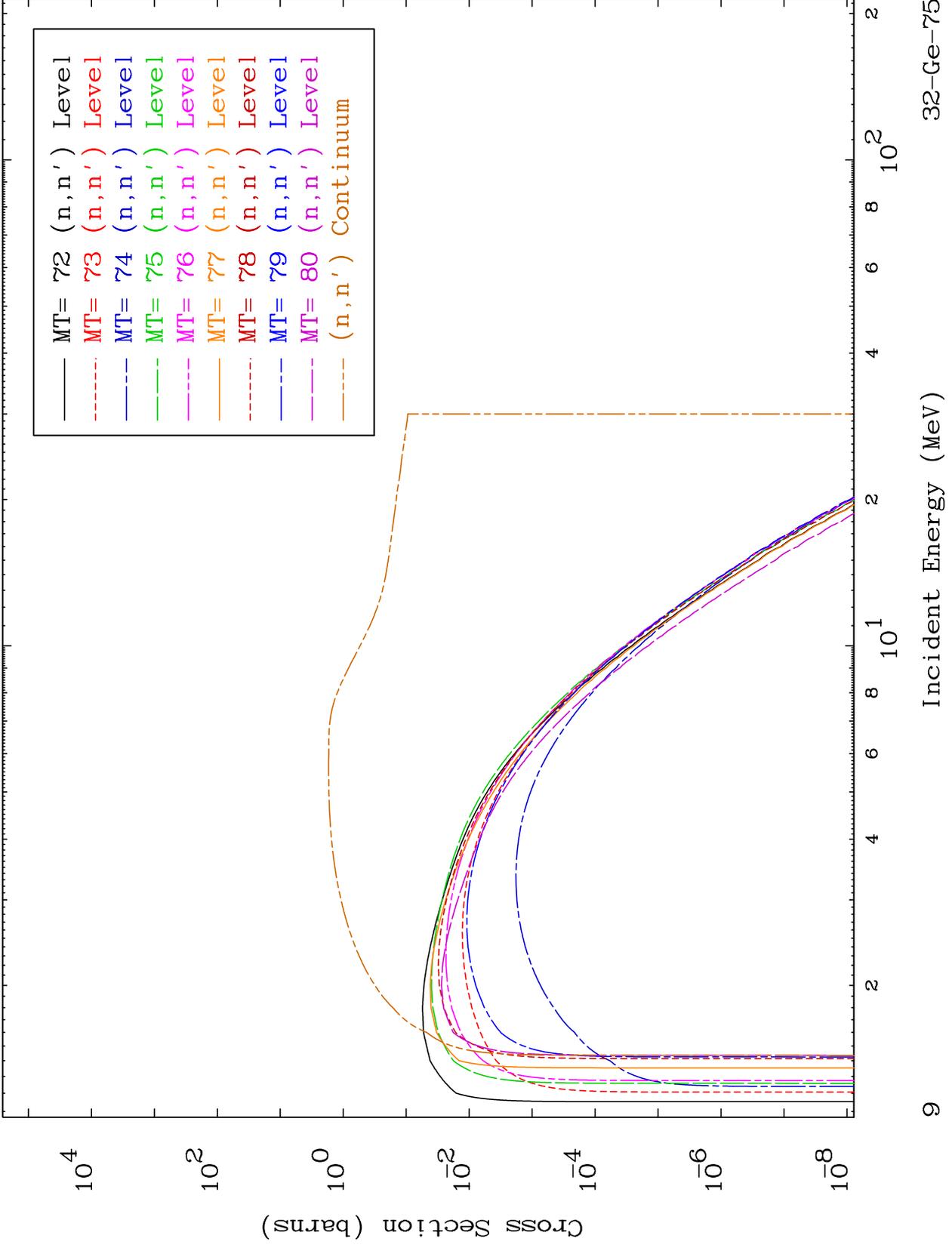


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Incident Energy (MeV)

32-Ge-75

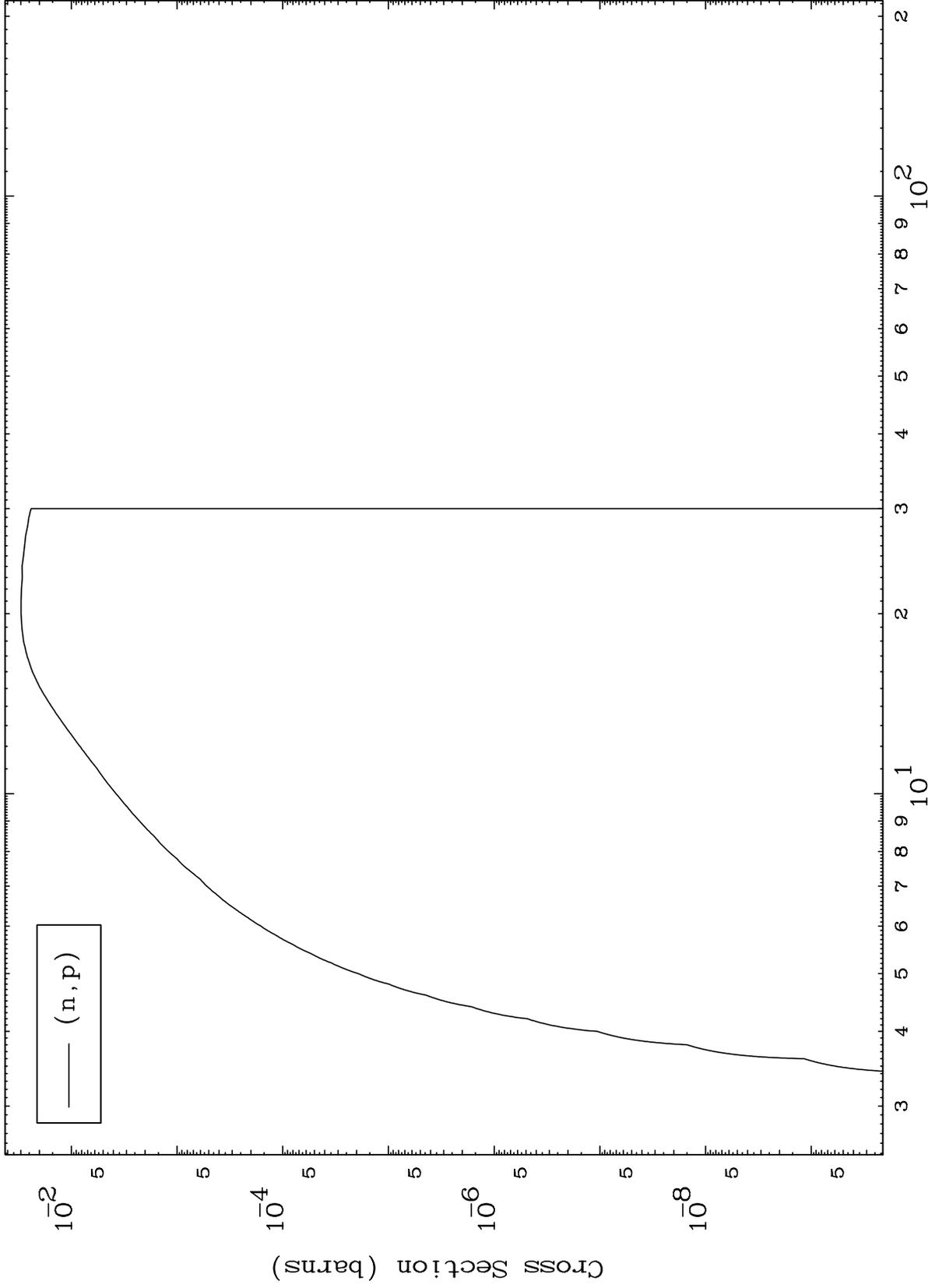
293 Kelvin Cross Sections



MAT 3240

(n,p) Levels
293 Kelvin Cross Sections

³²Ge-75



10

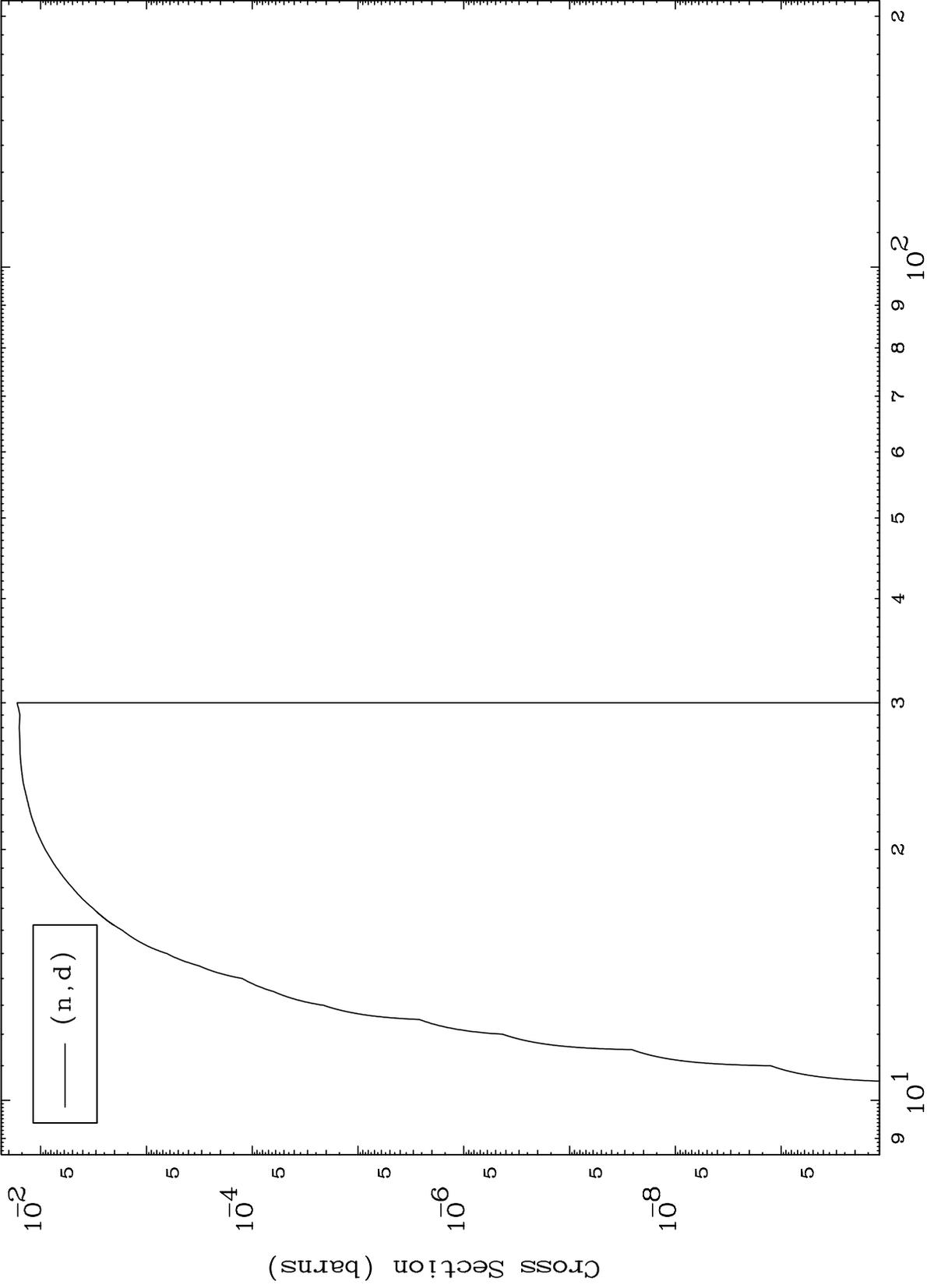
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³²Ge-75

MAT 3240

(n,d) Levels
293 Kelvin Cross Sections

³²Ge-75



11

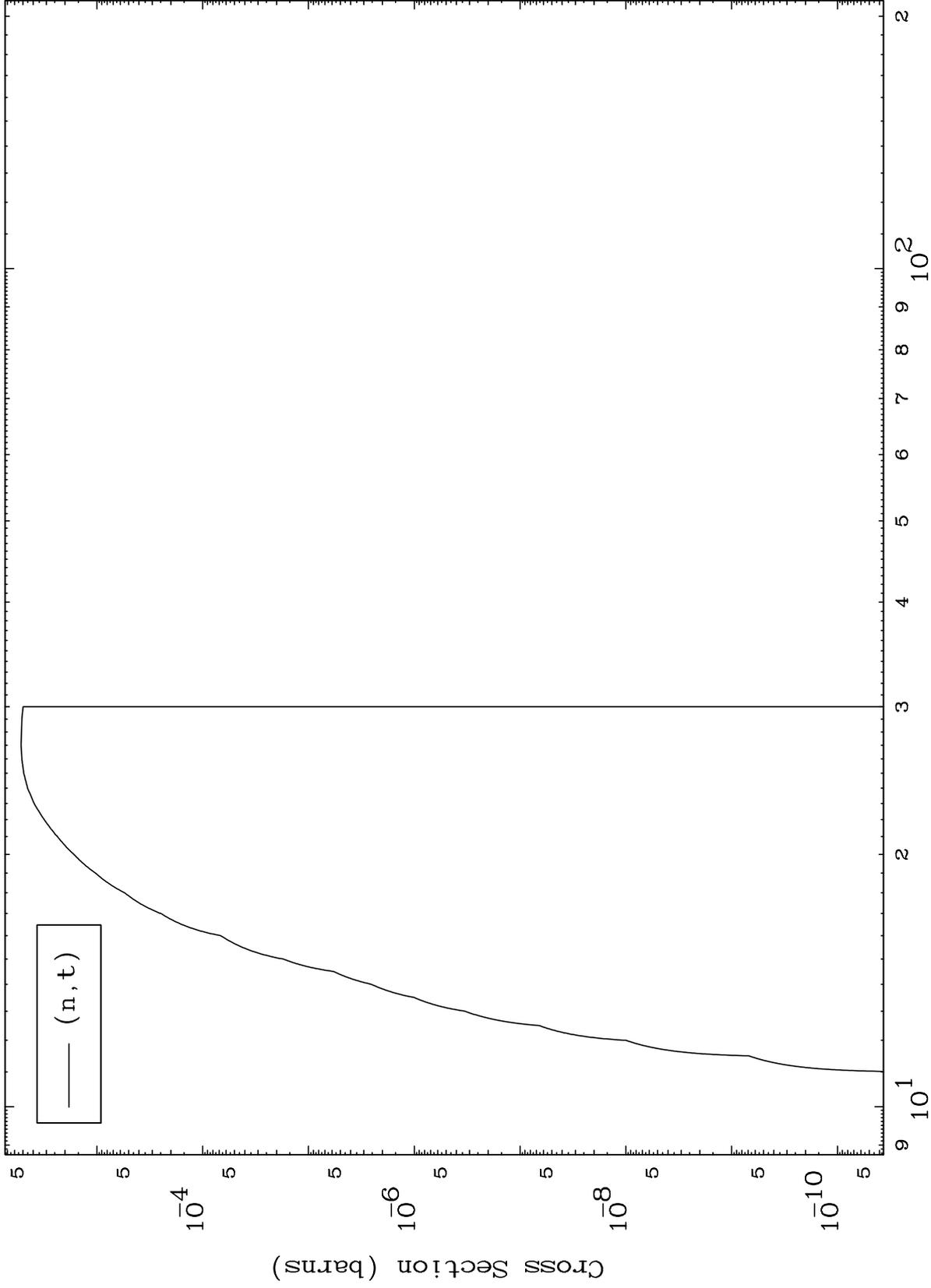
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³²Ge-75

MAT 3240

(n,t) Levels
293 Kelvin Cross Sections

32-Ge-75



12

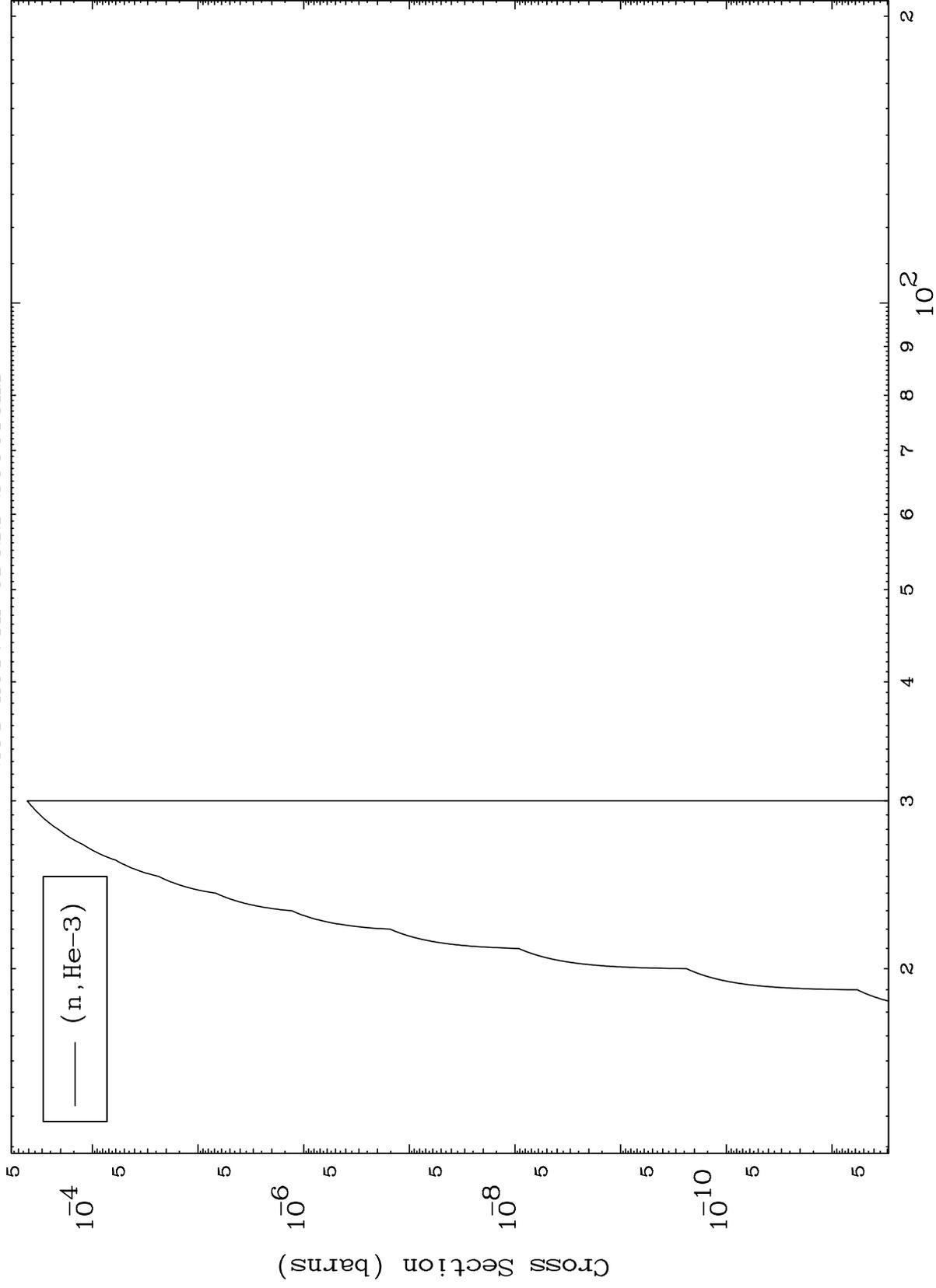
Incident Energy (MeV)

32-Ge-75

MAT 3240

(n,He3) Levels
293 Kelvin Cross Sections

32-Ge-75



13

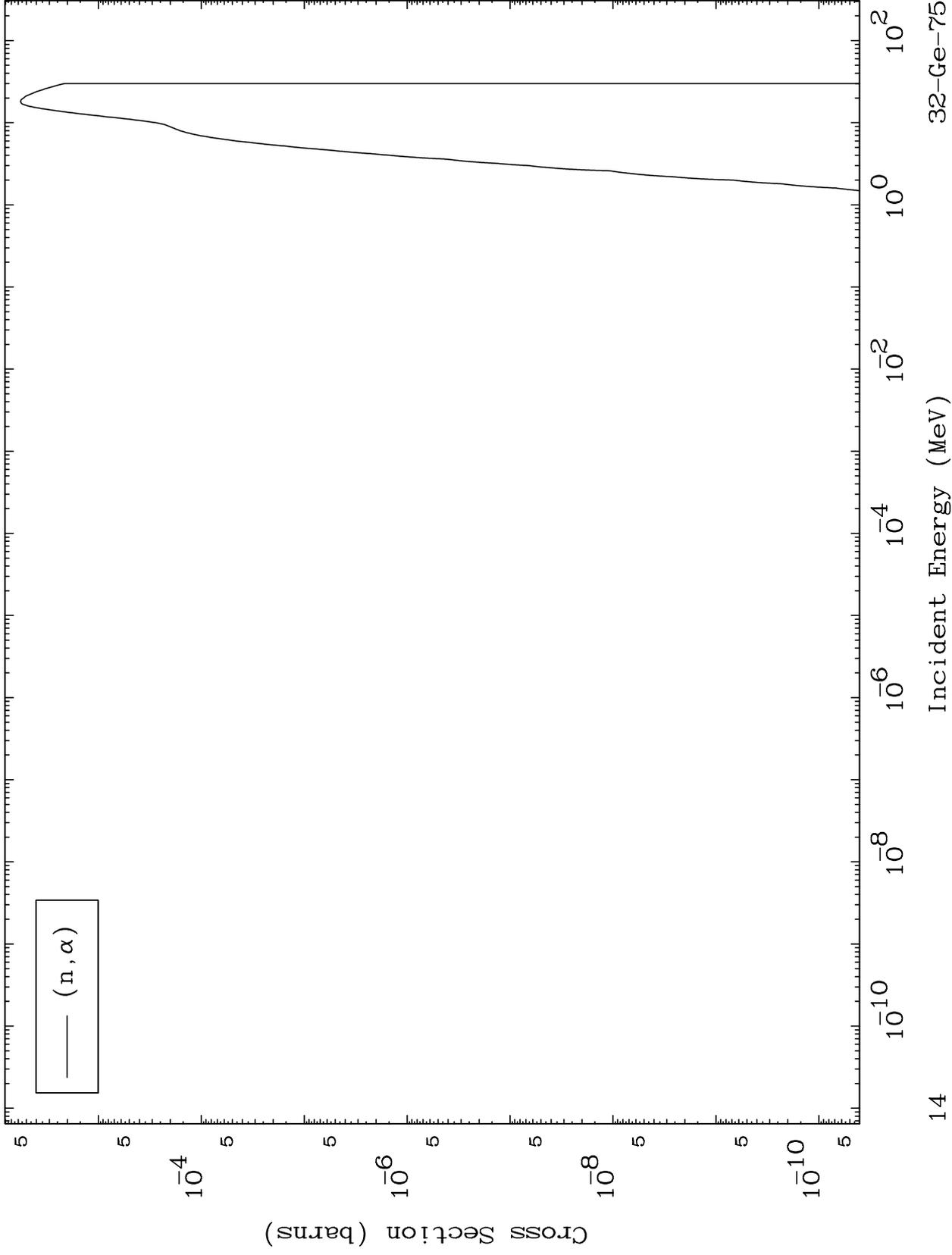
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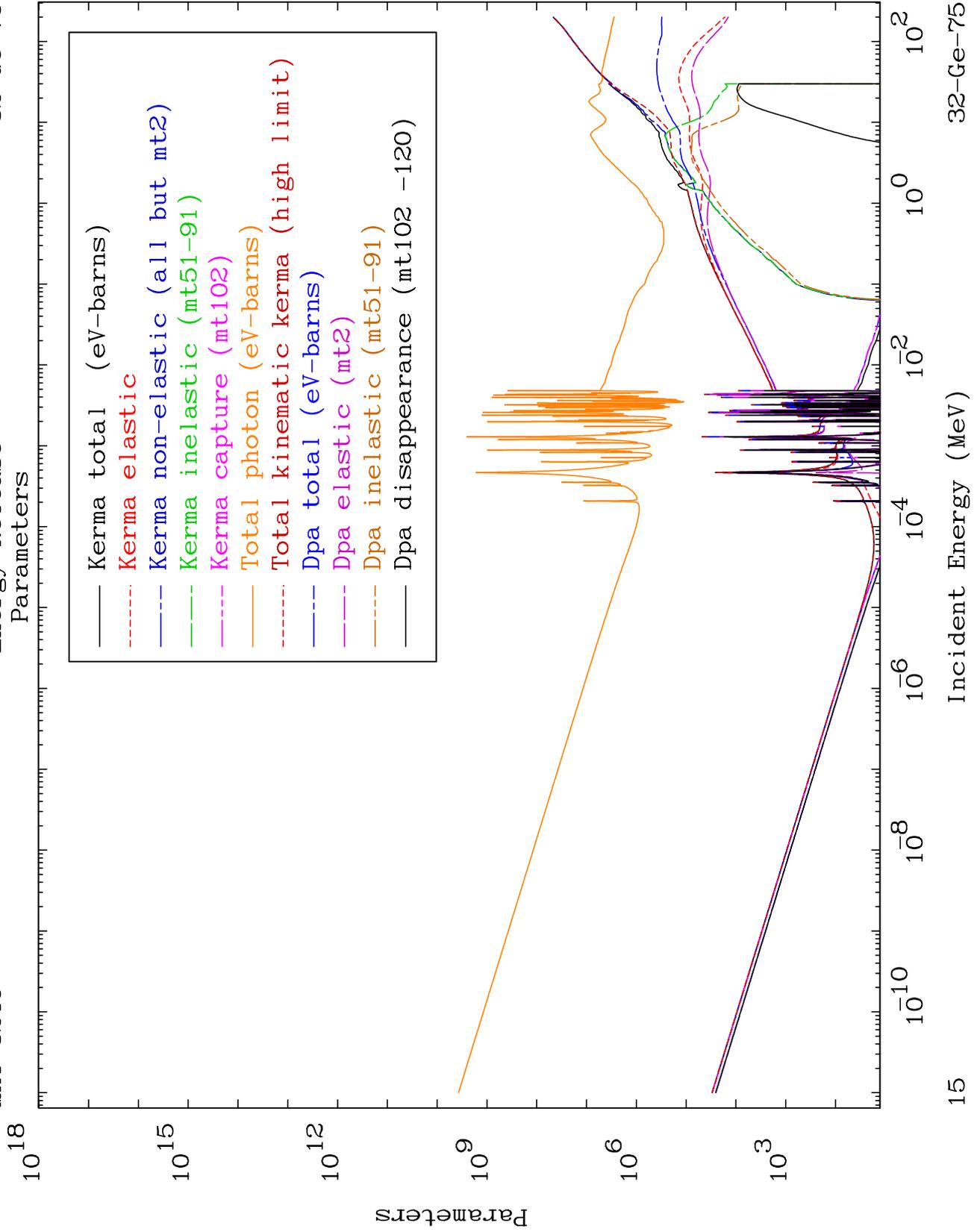
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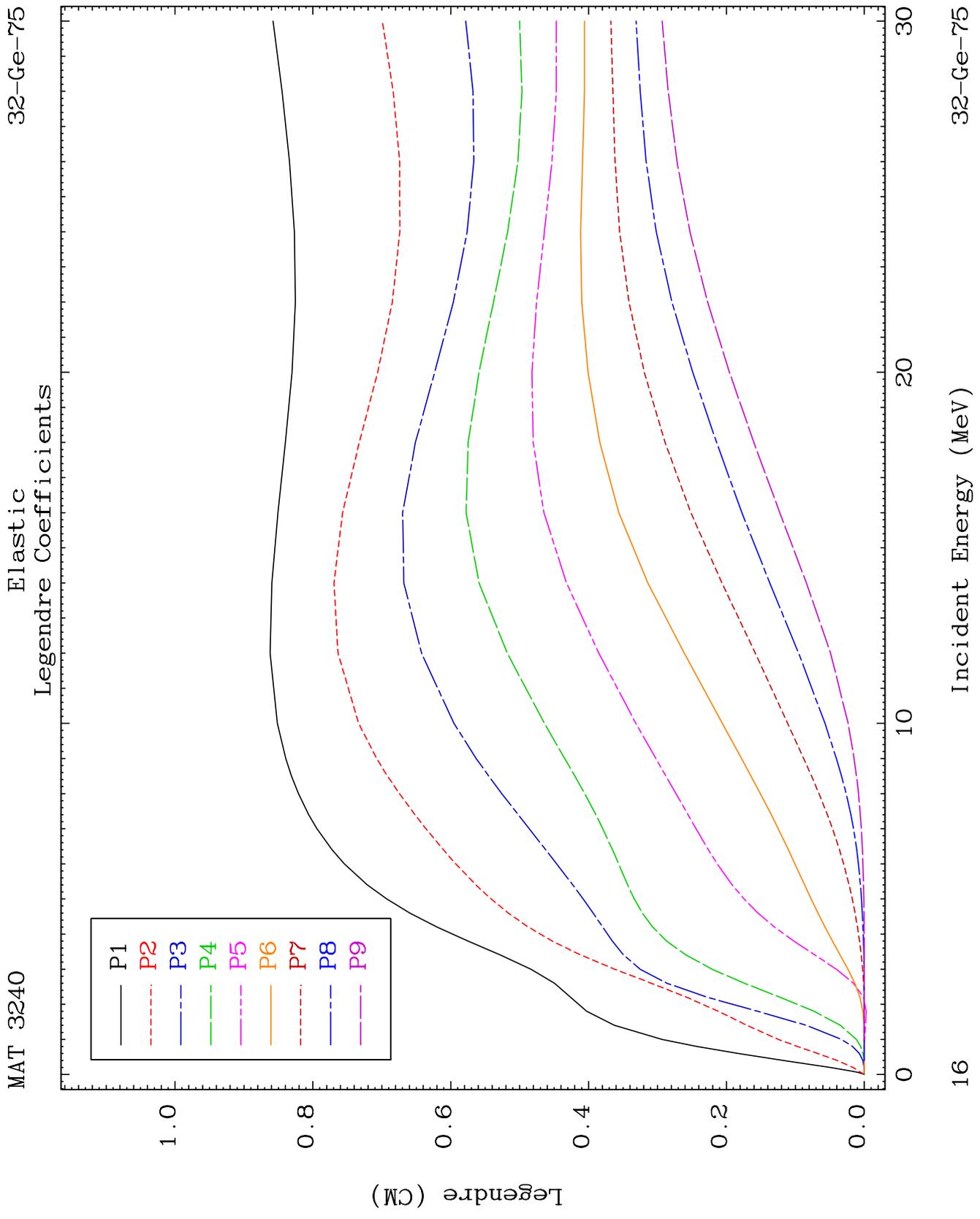
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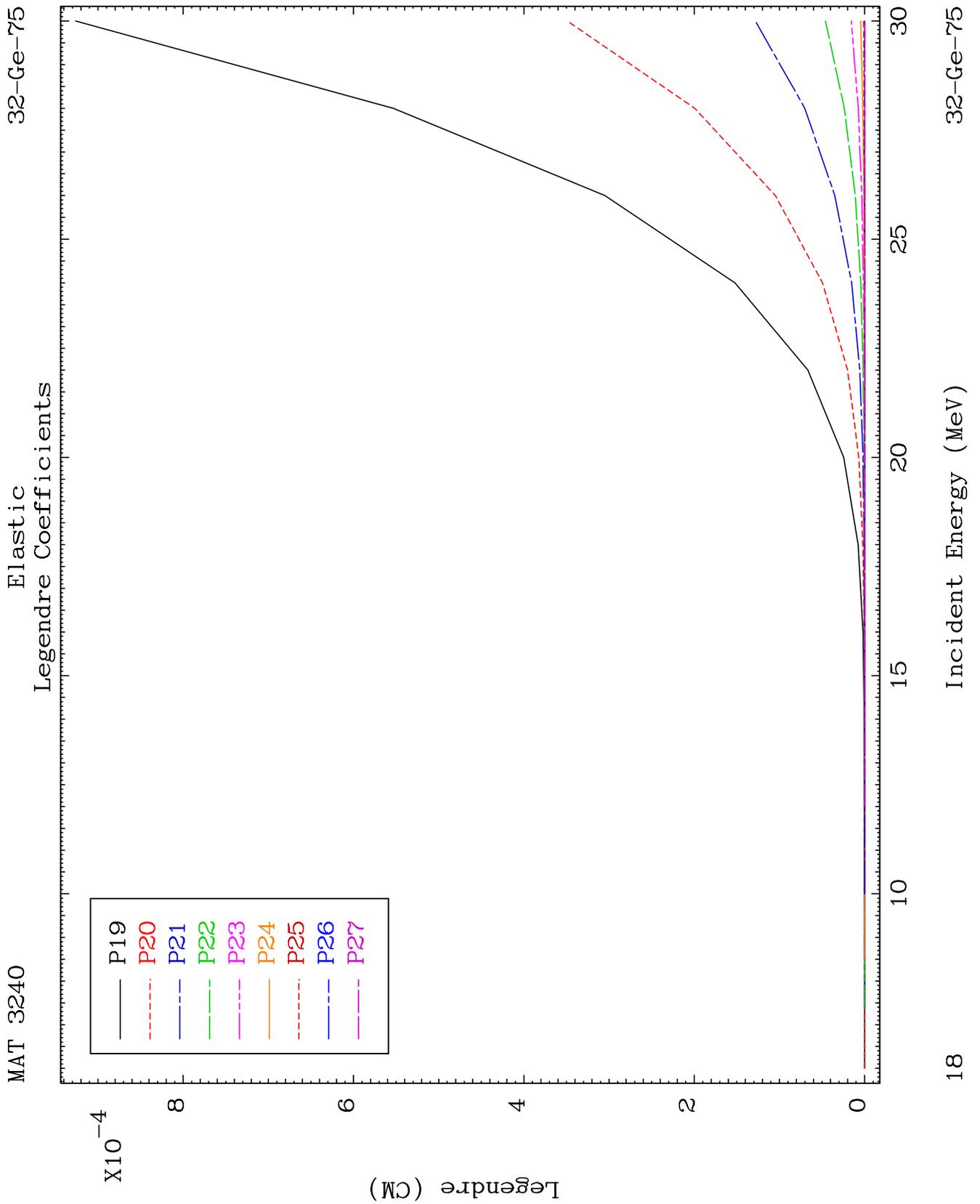
(n, α) Levels
293 Kelvin Cross Sections

32-Ge-75





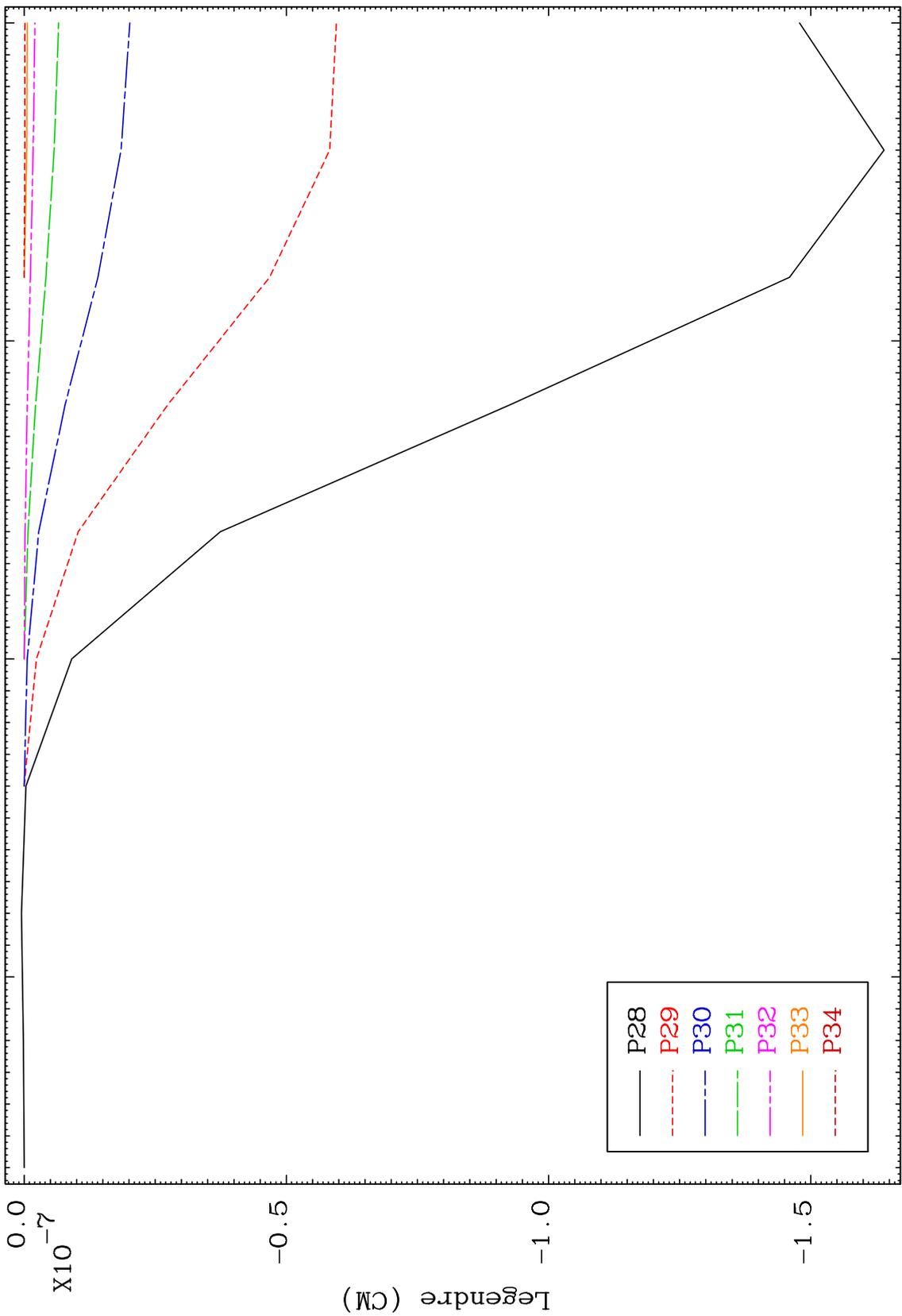




MAT 3240

32-Ge-75

Elastic Legendre Coefficients



10^{-7}

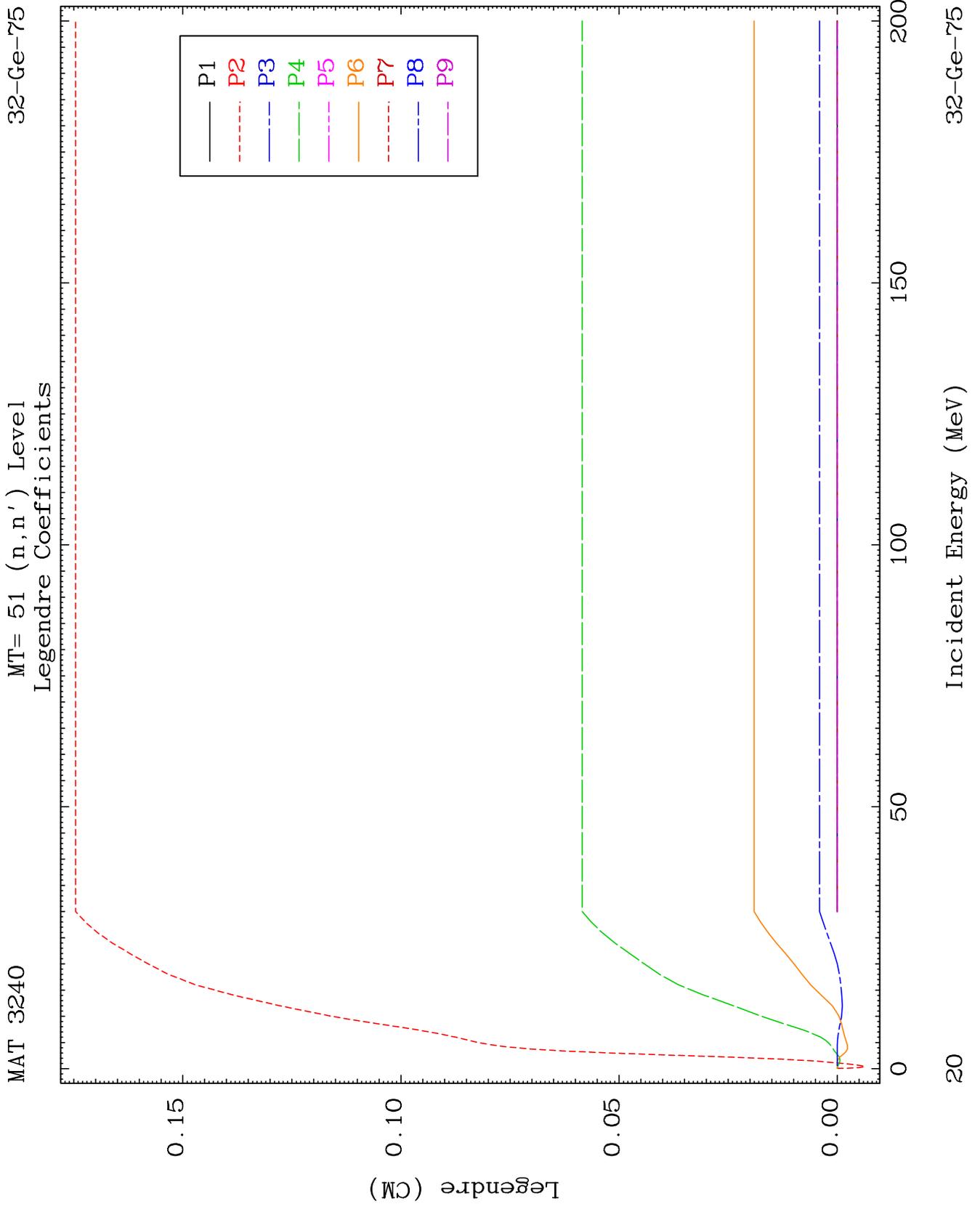
Legendre (CM)

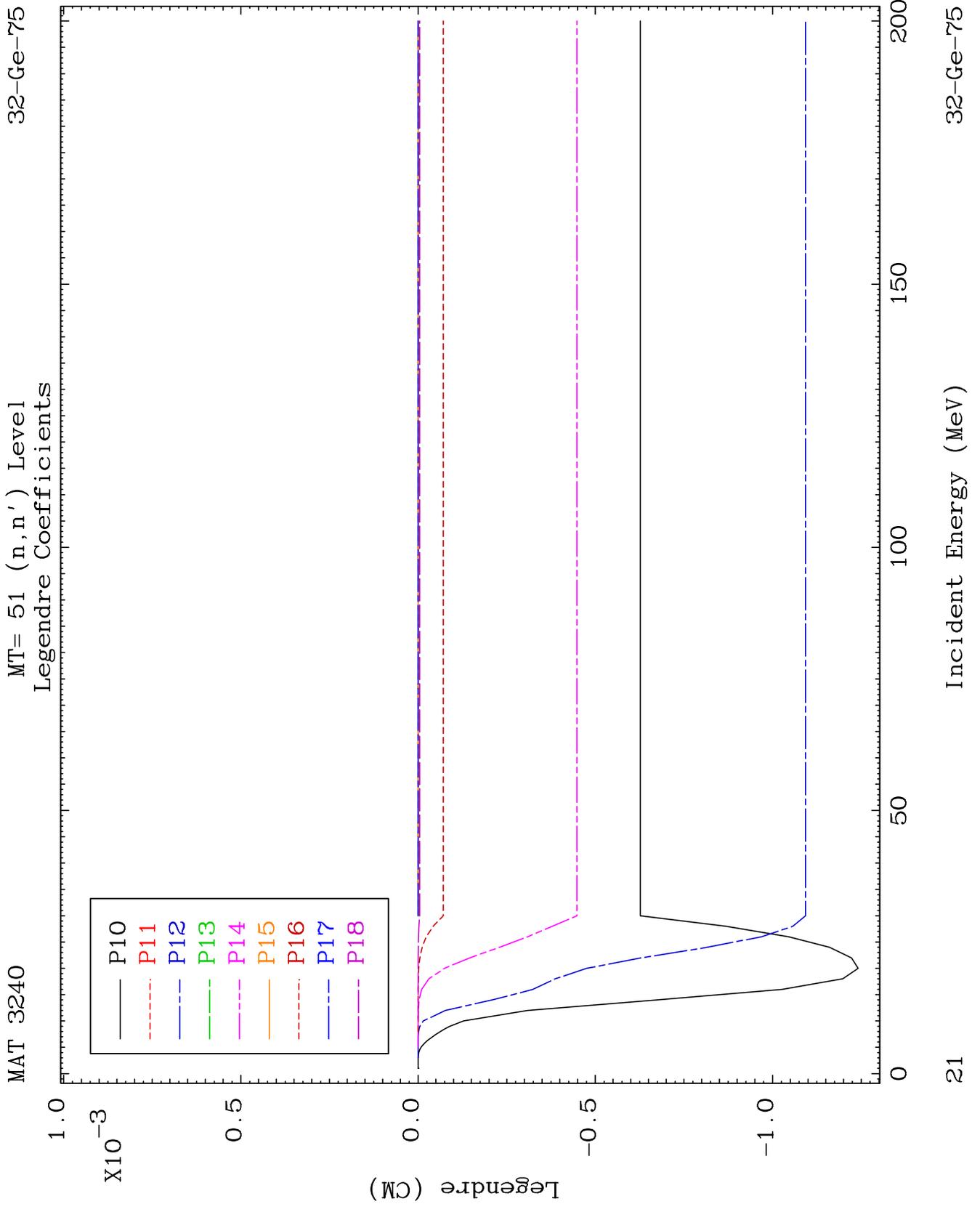
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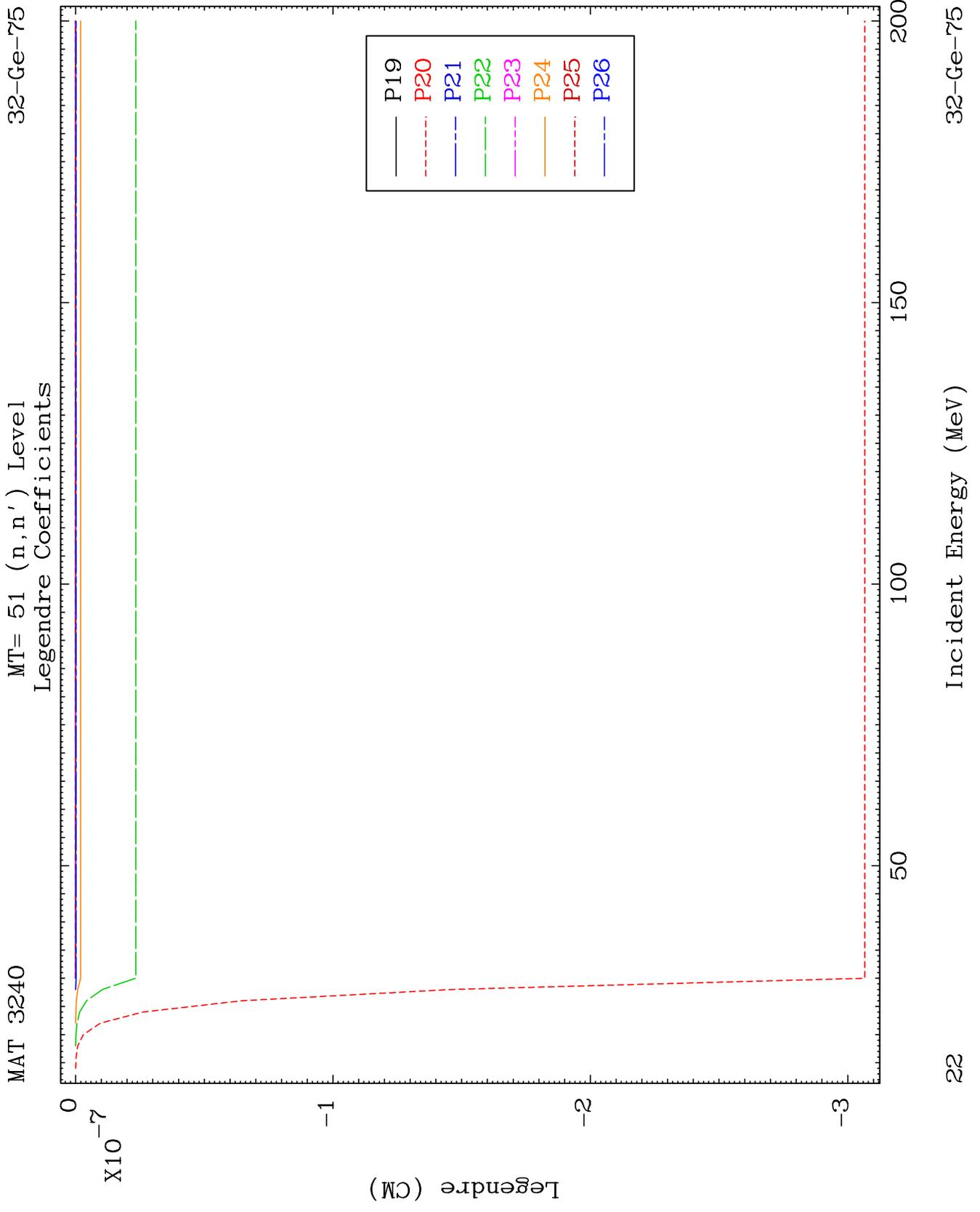
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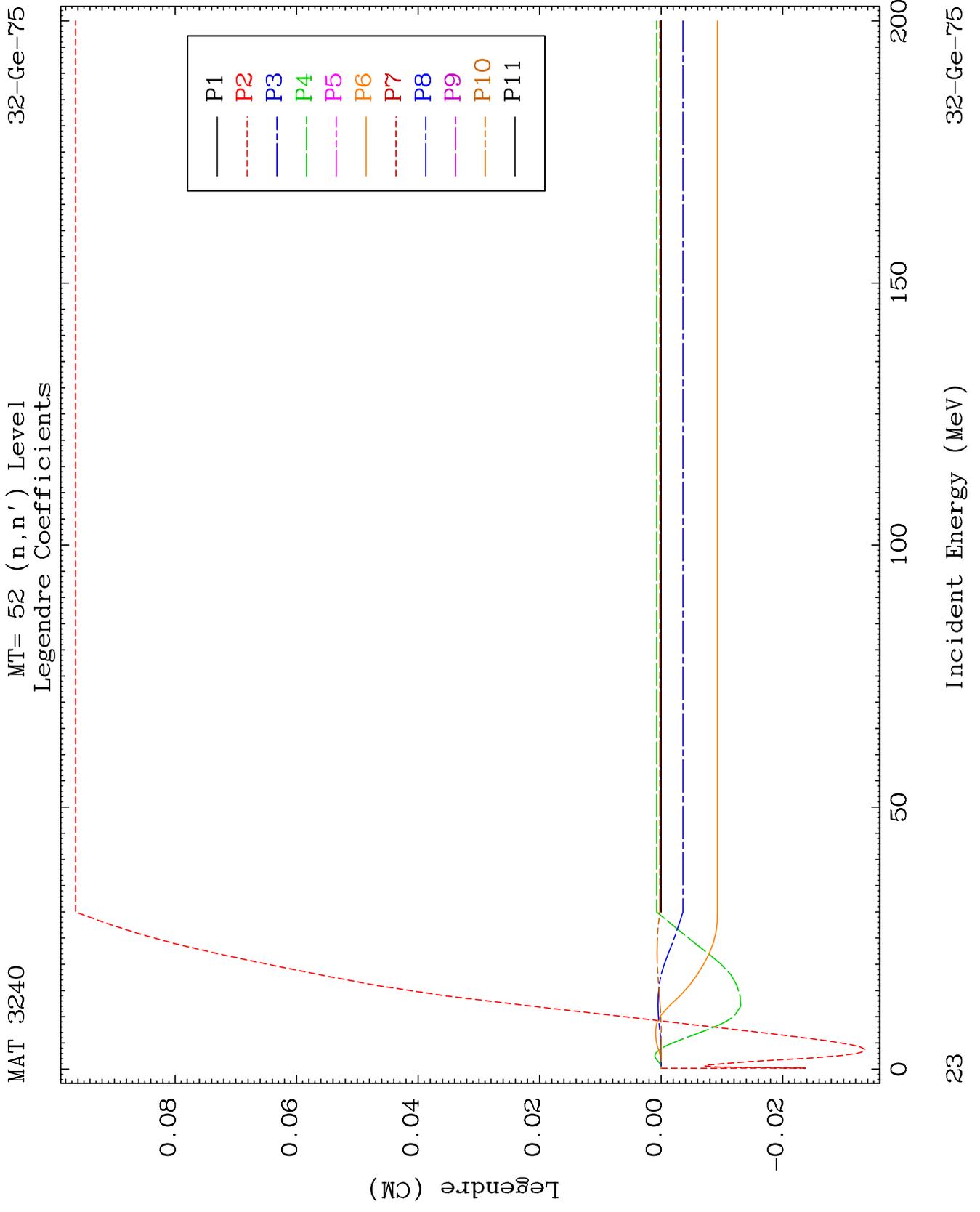
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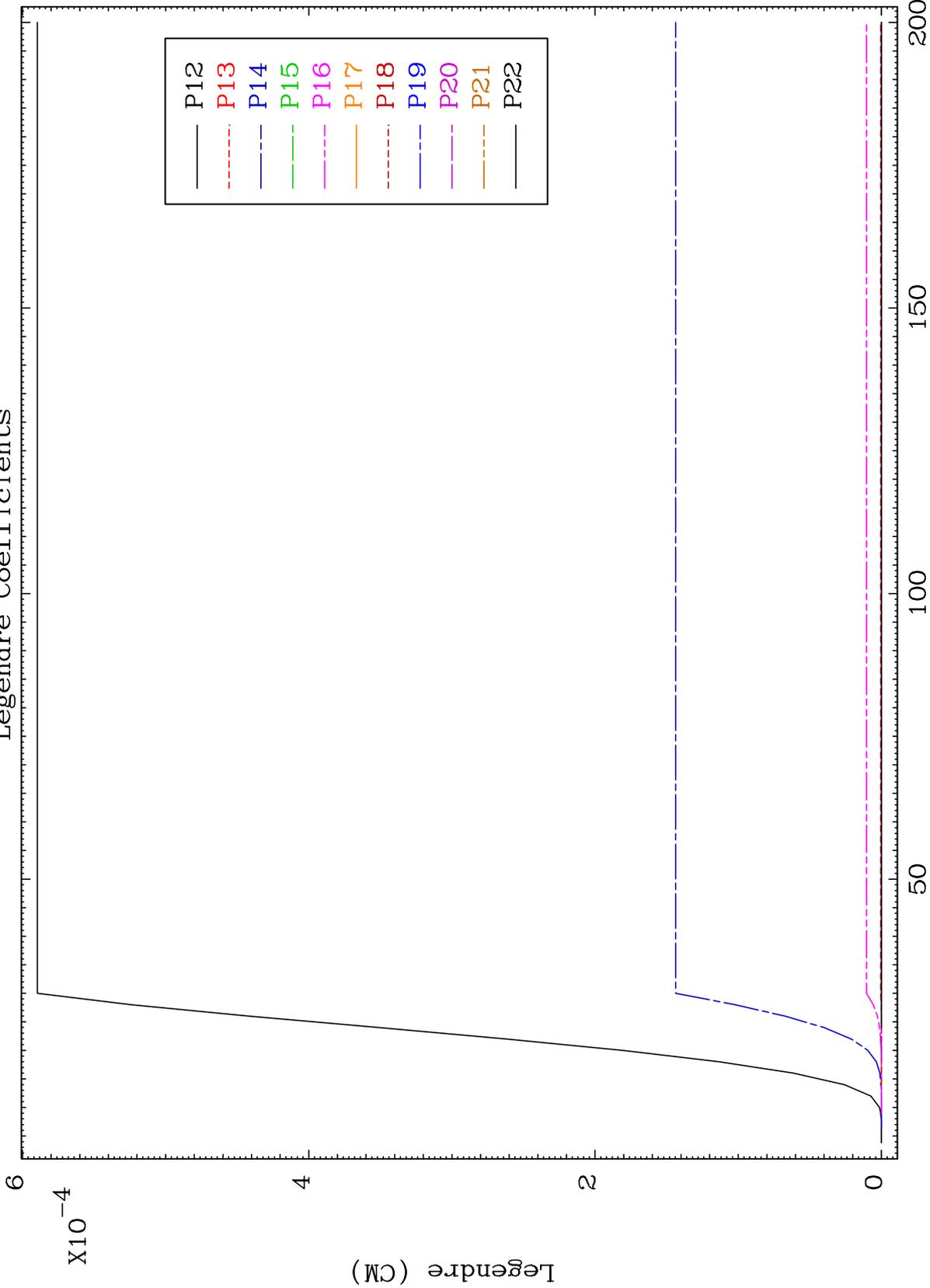




MAT 3240

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

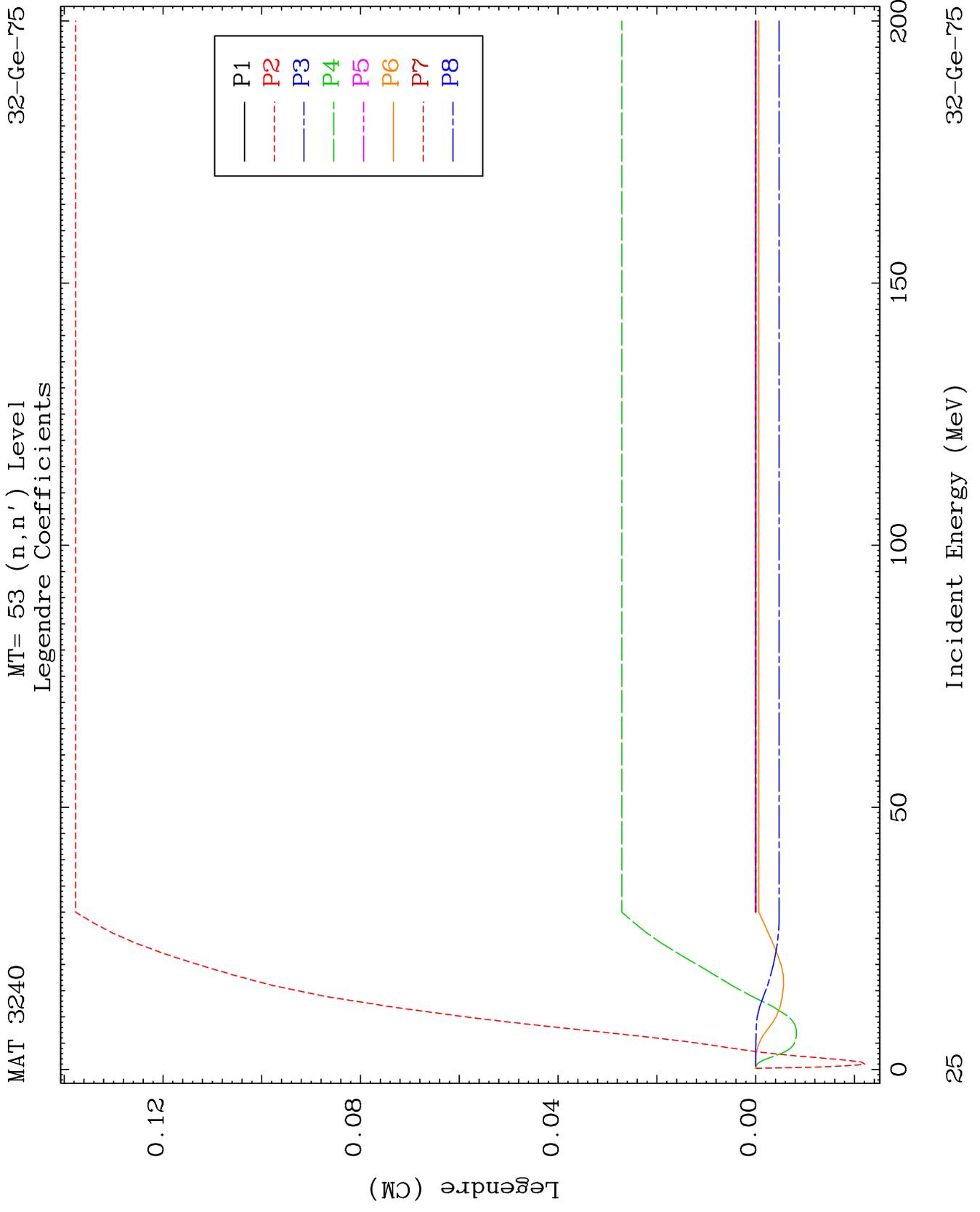
32-Ge-75



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Incident Energy (MeV)

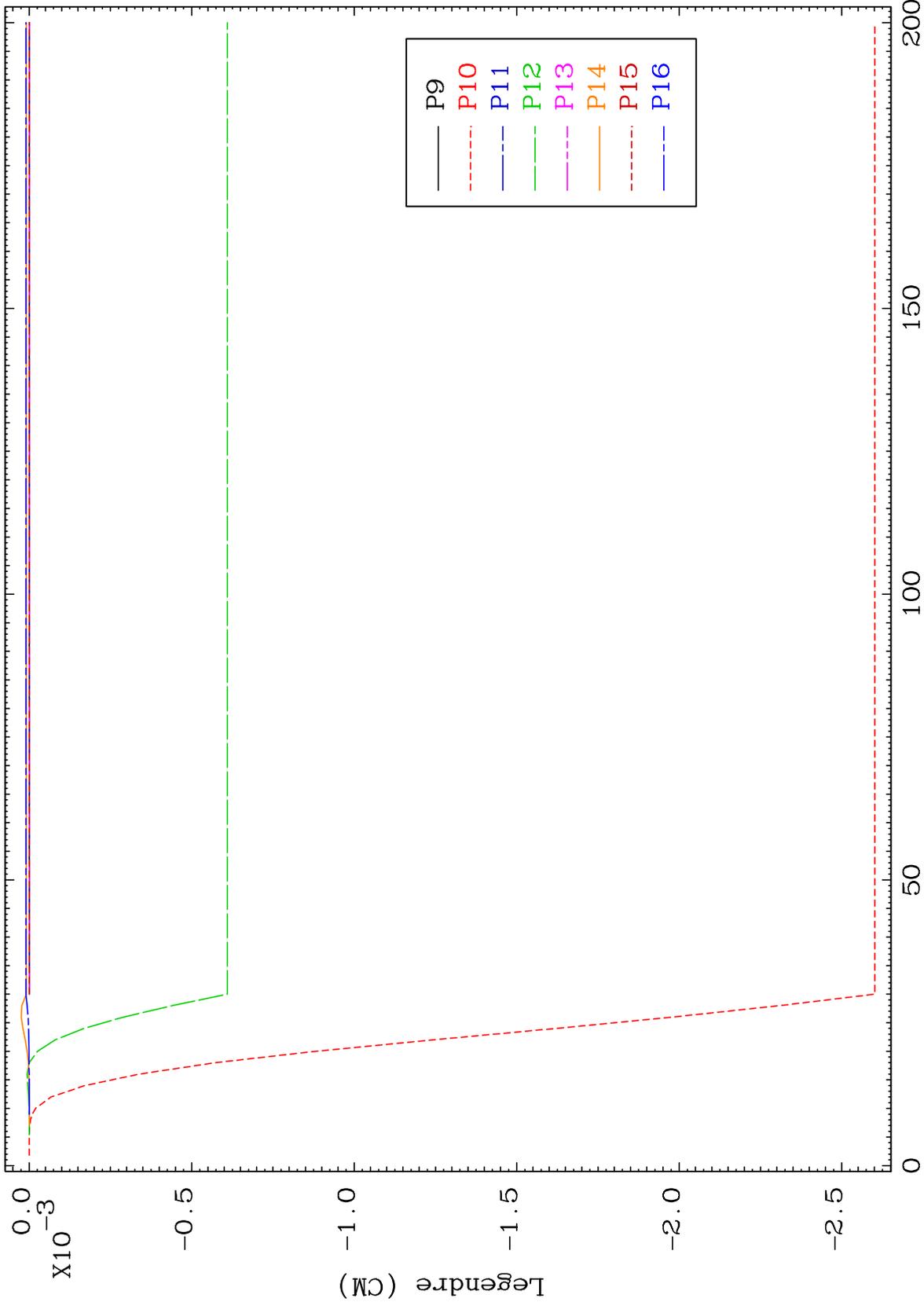
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MAT 3240

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

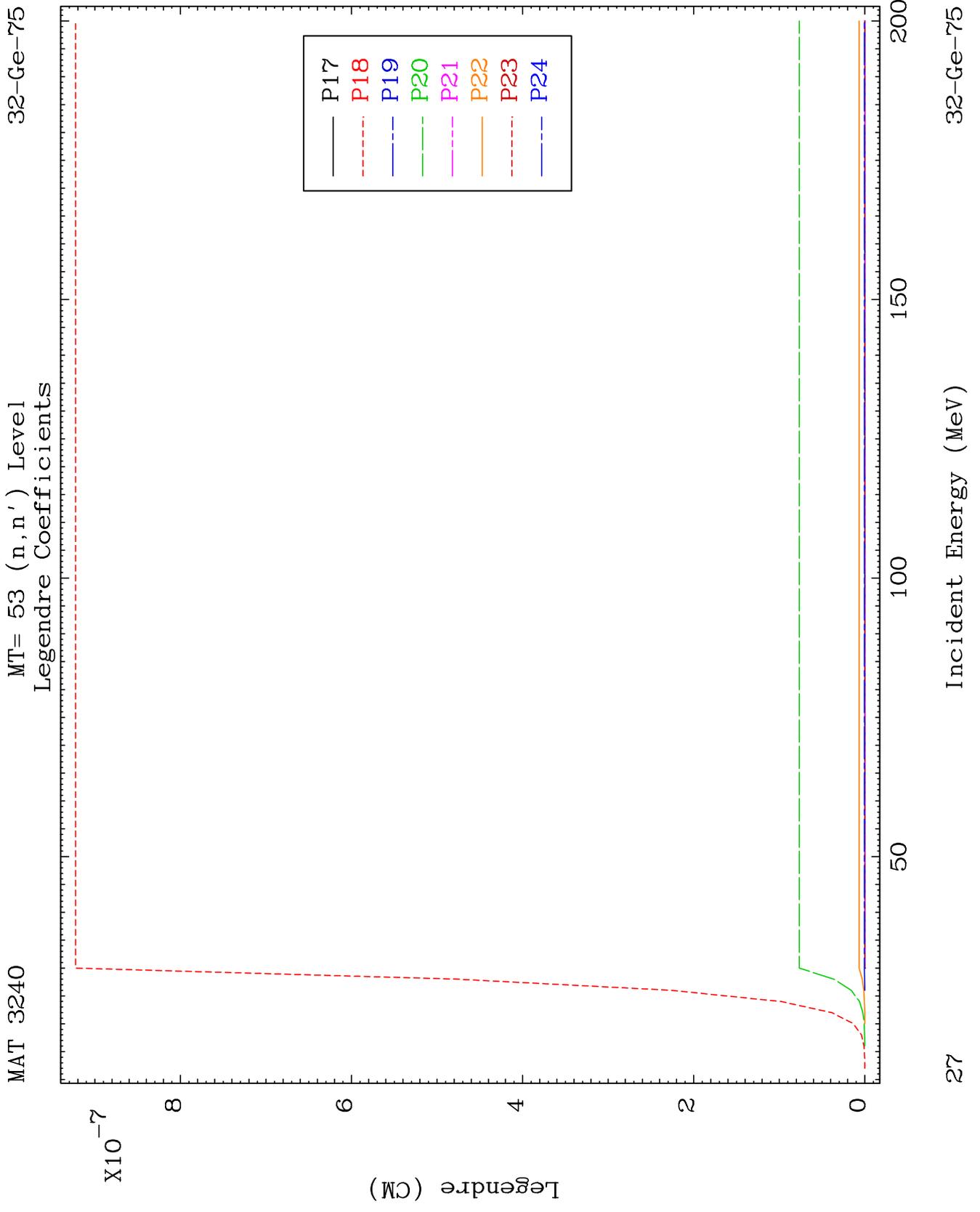
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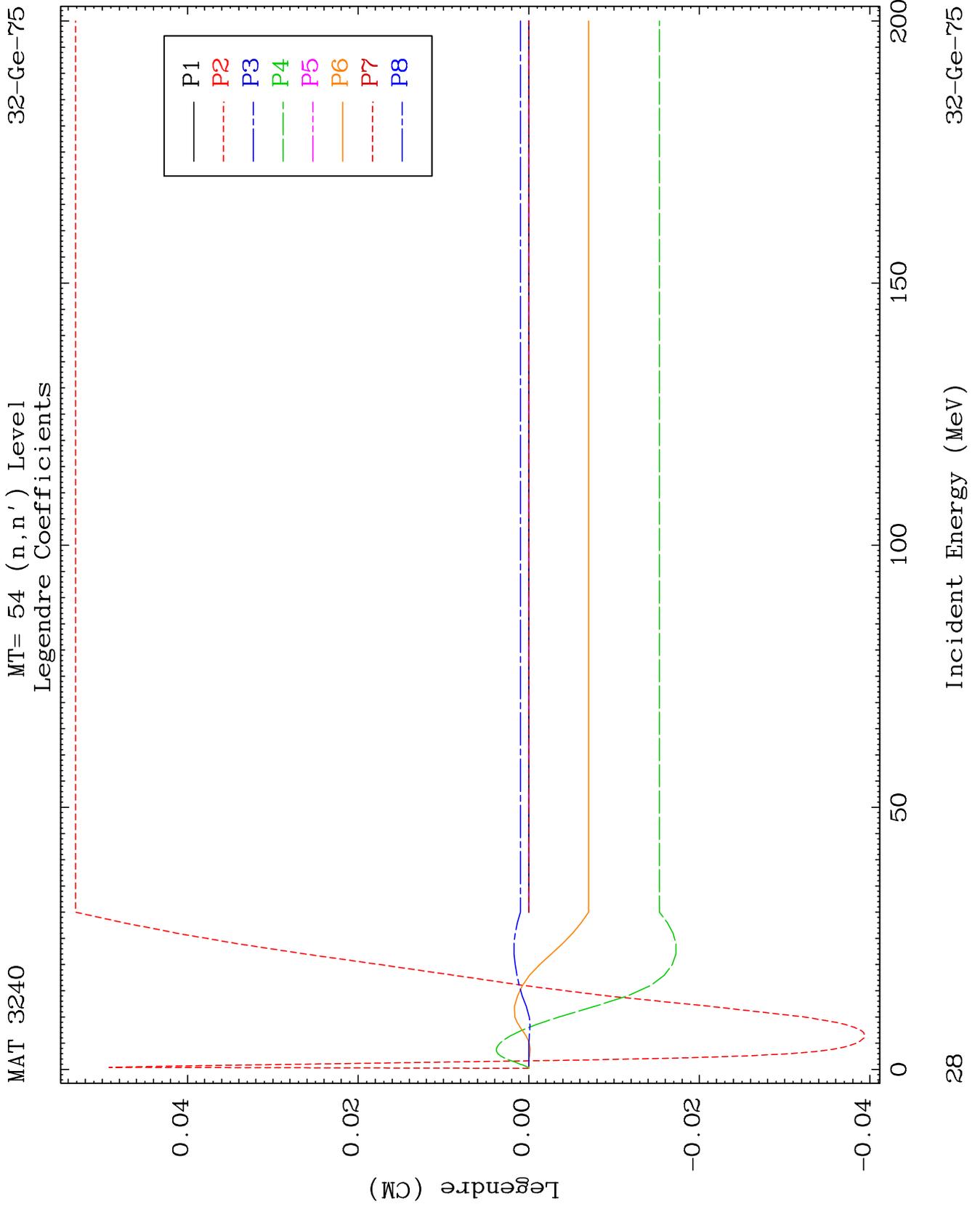


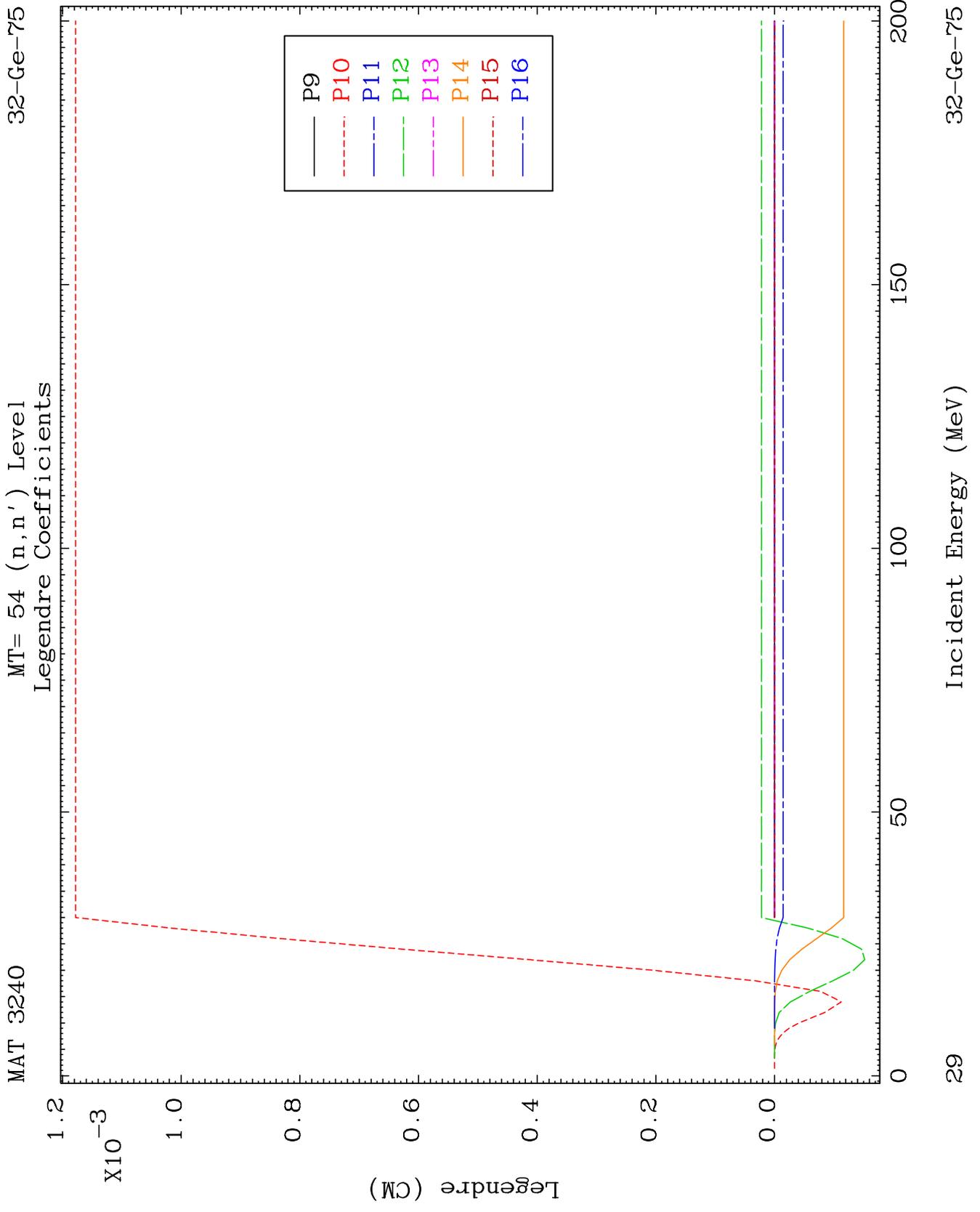
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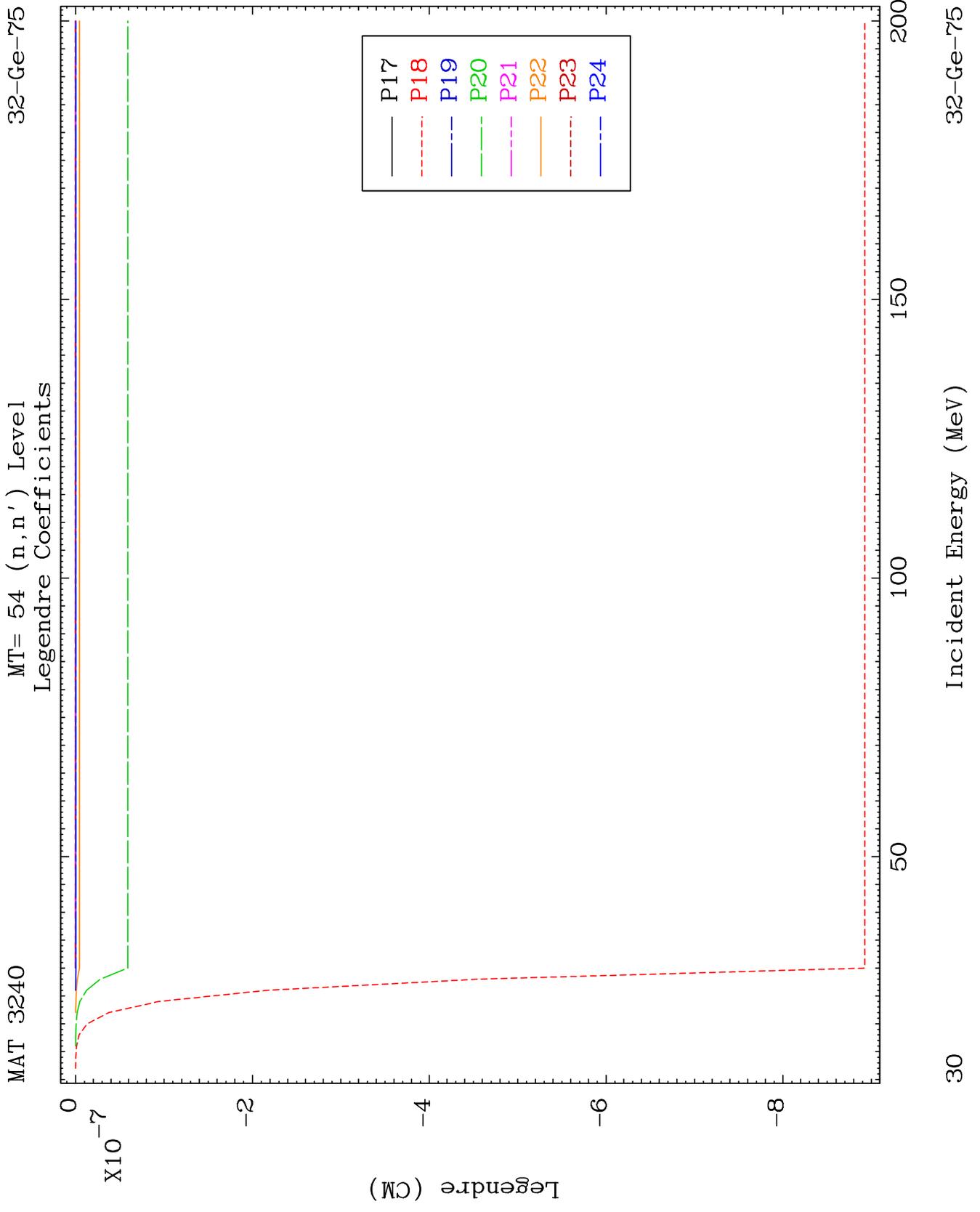
Incident Energy (MeV)

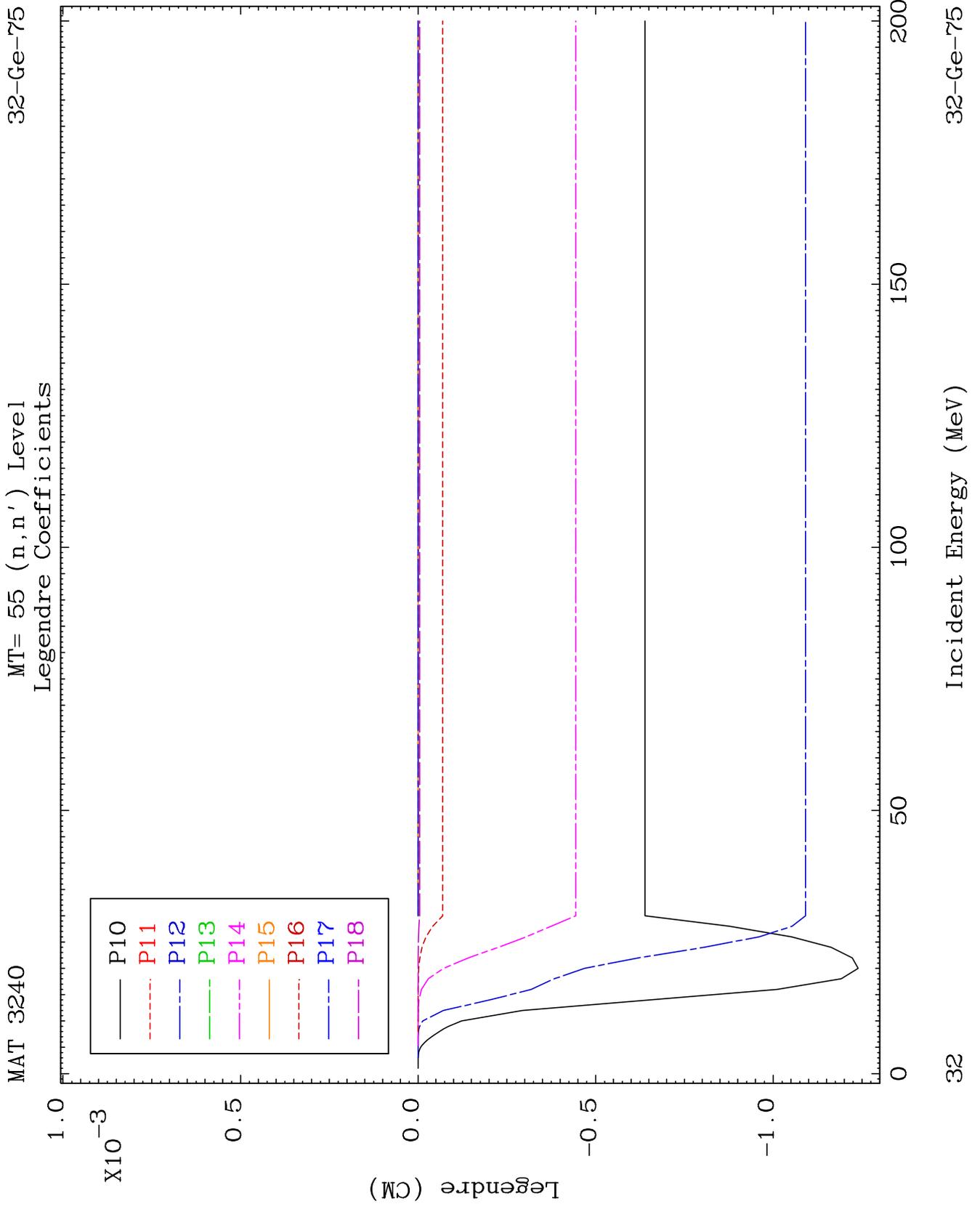
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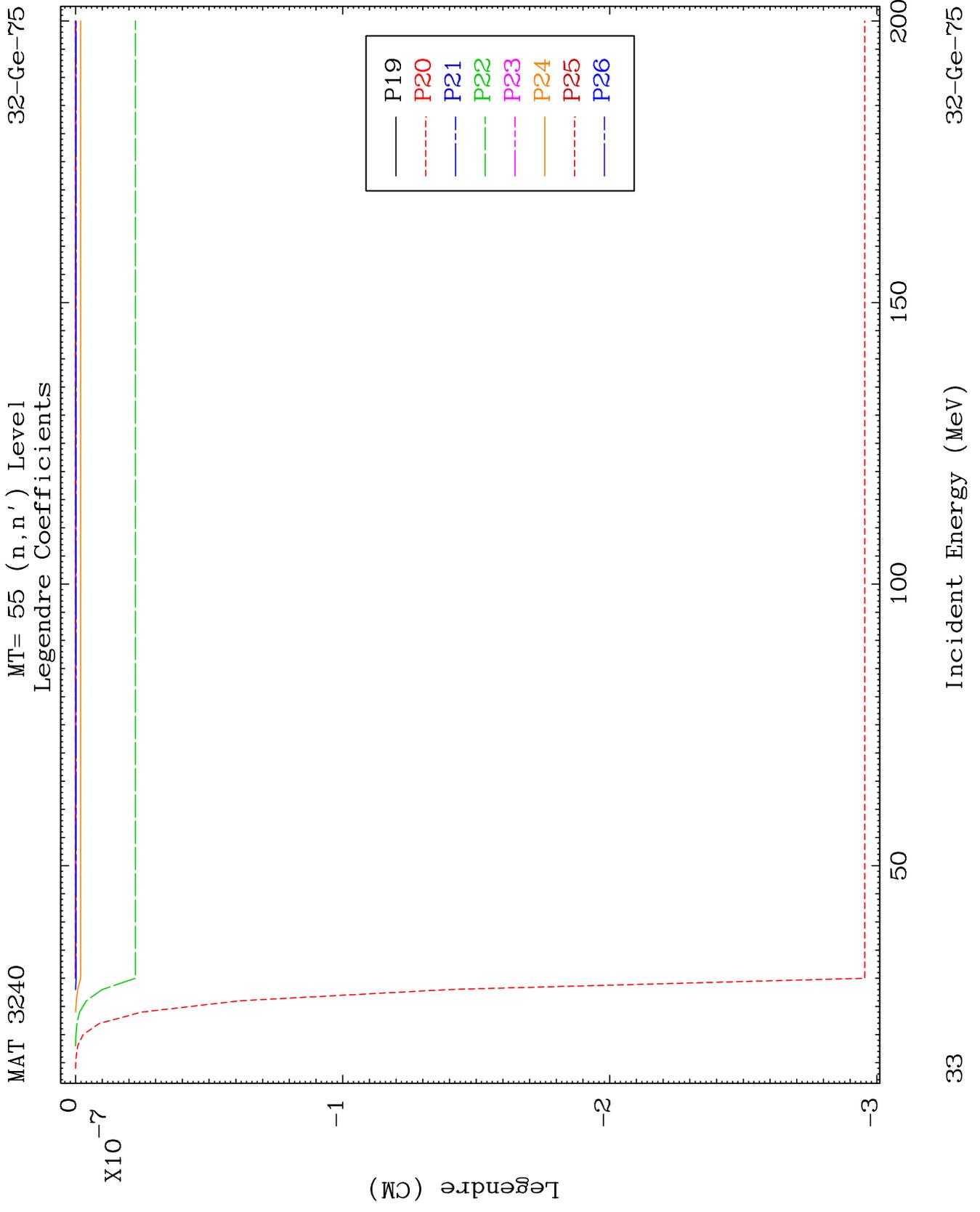


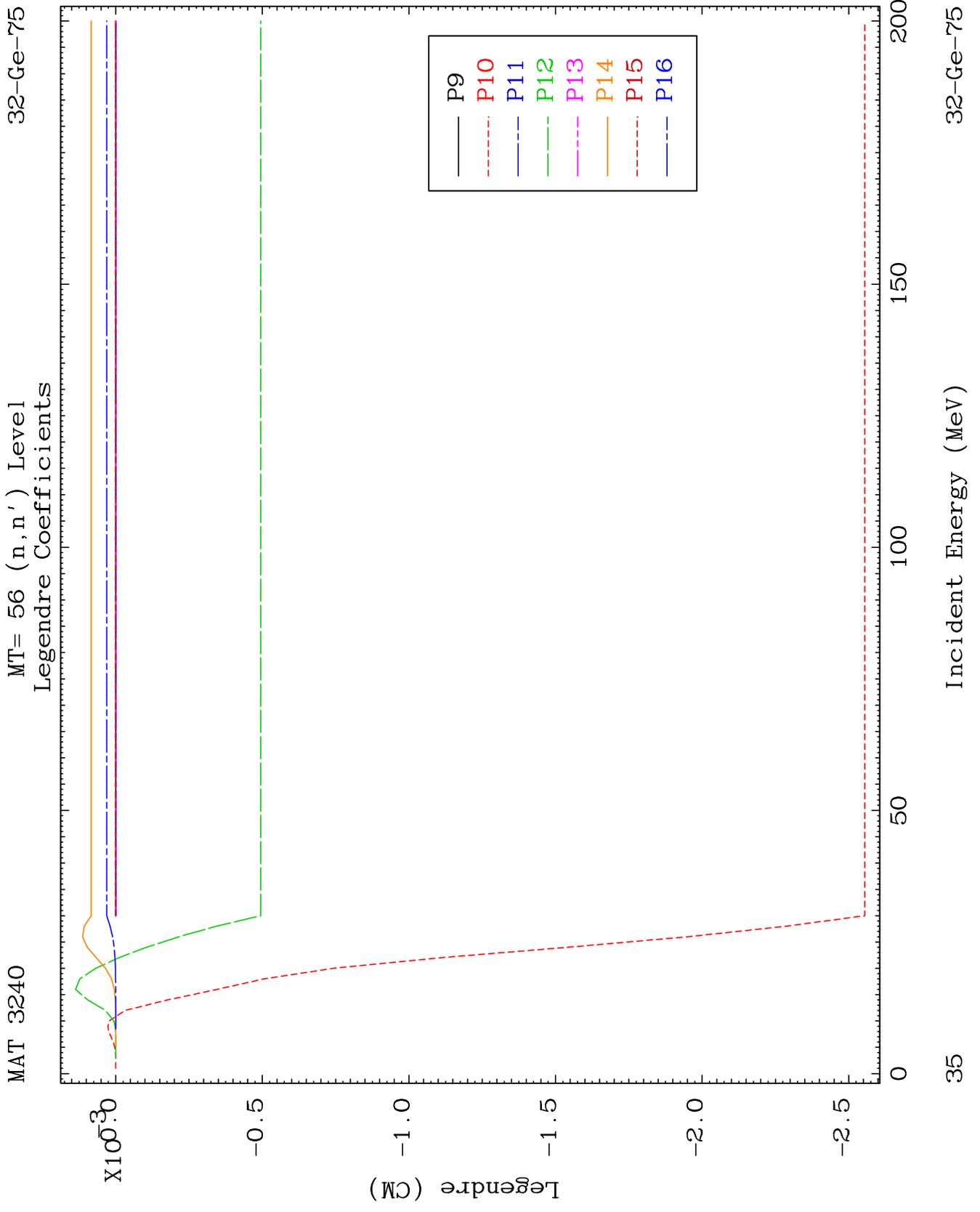


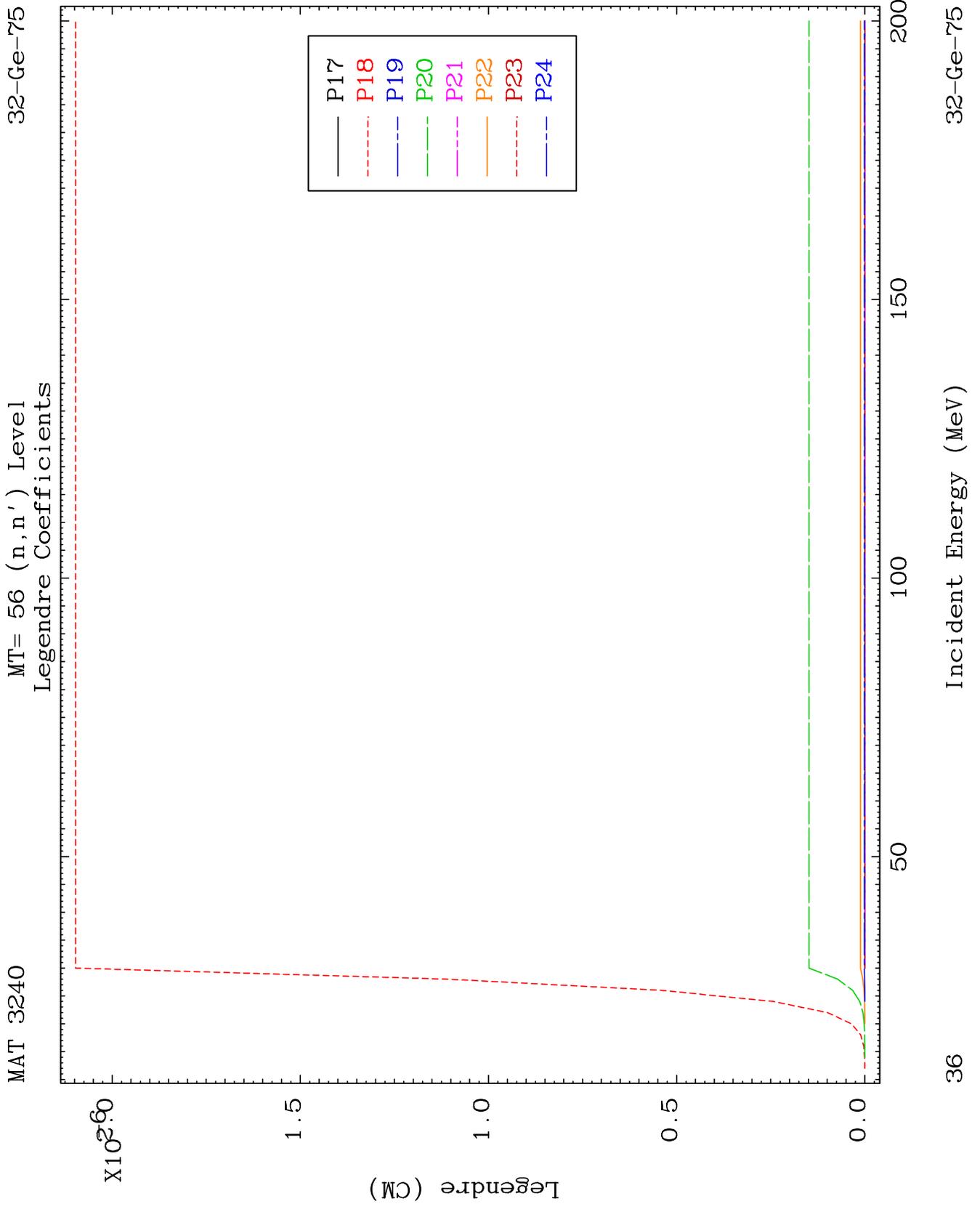


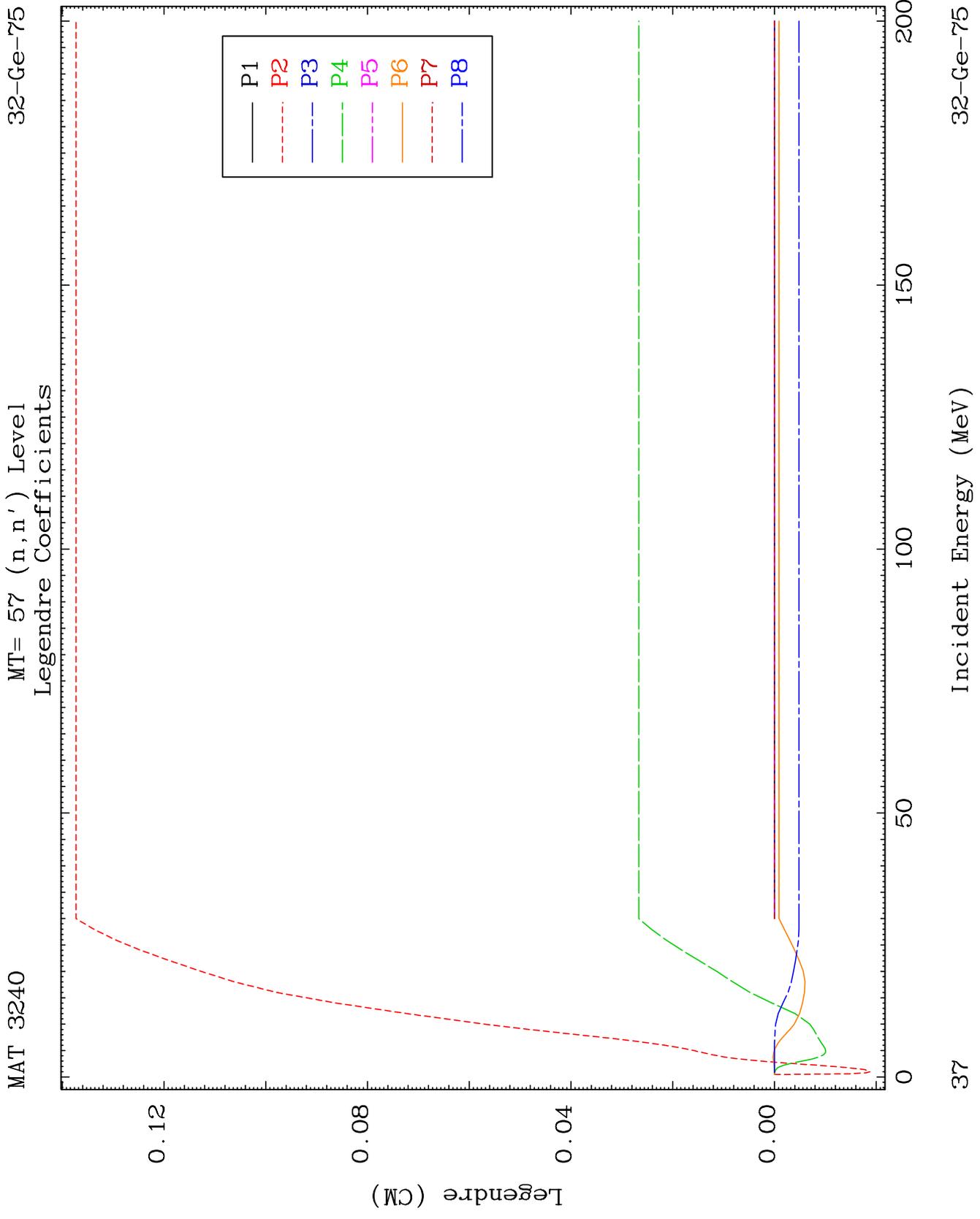


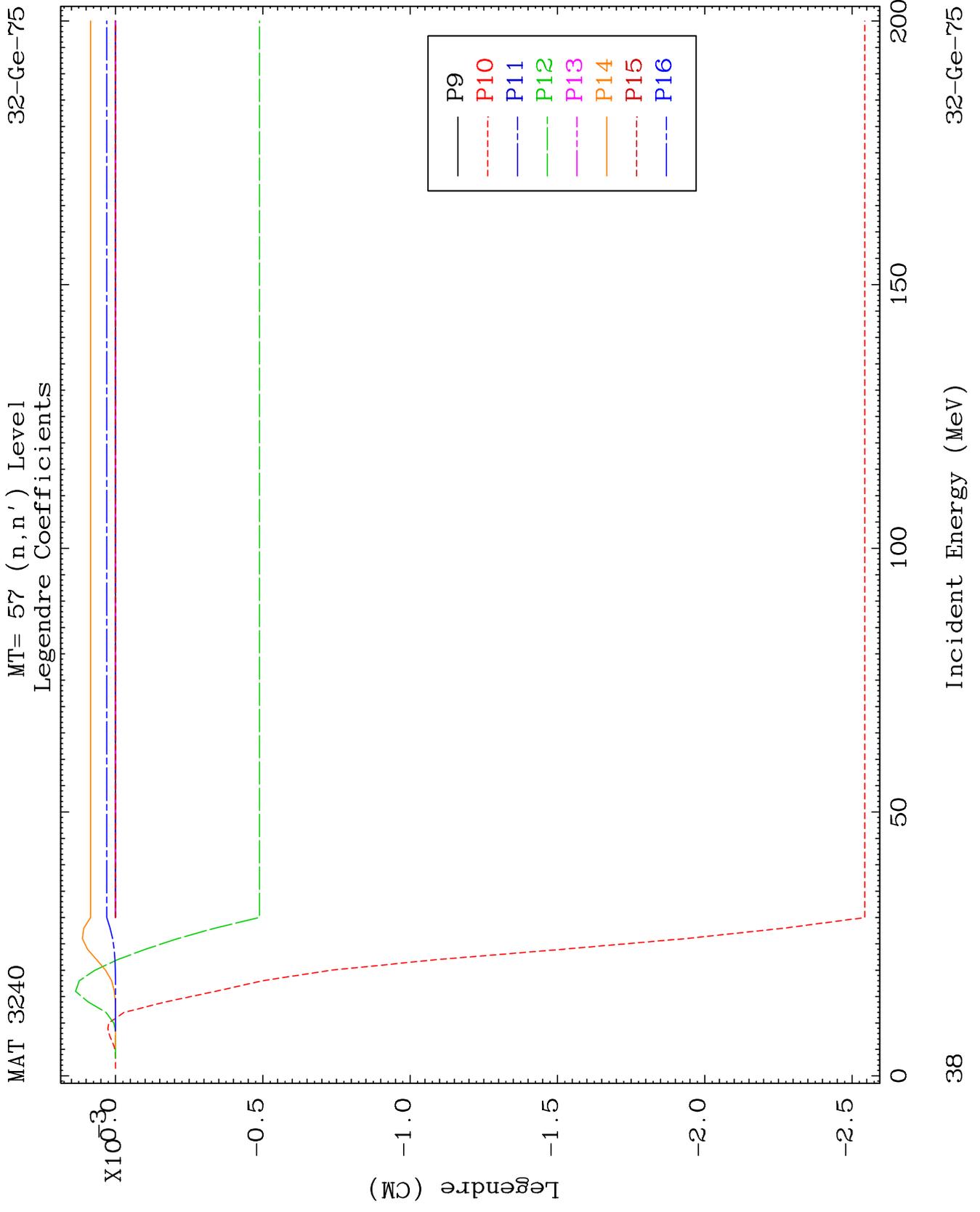


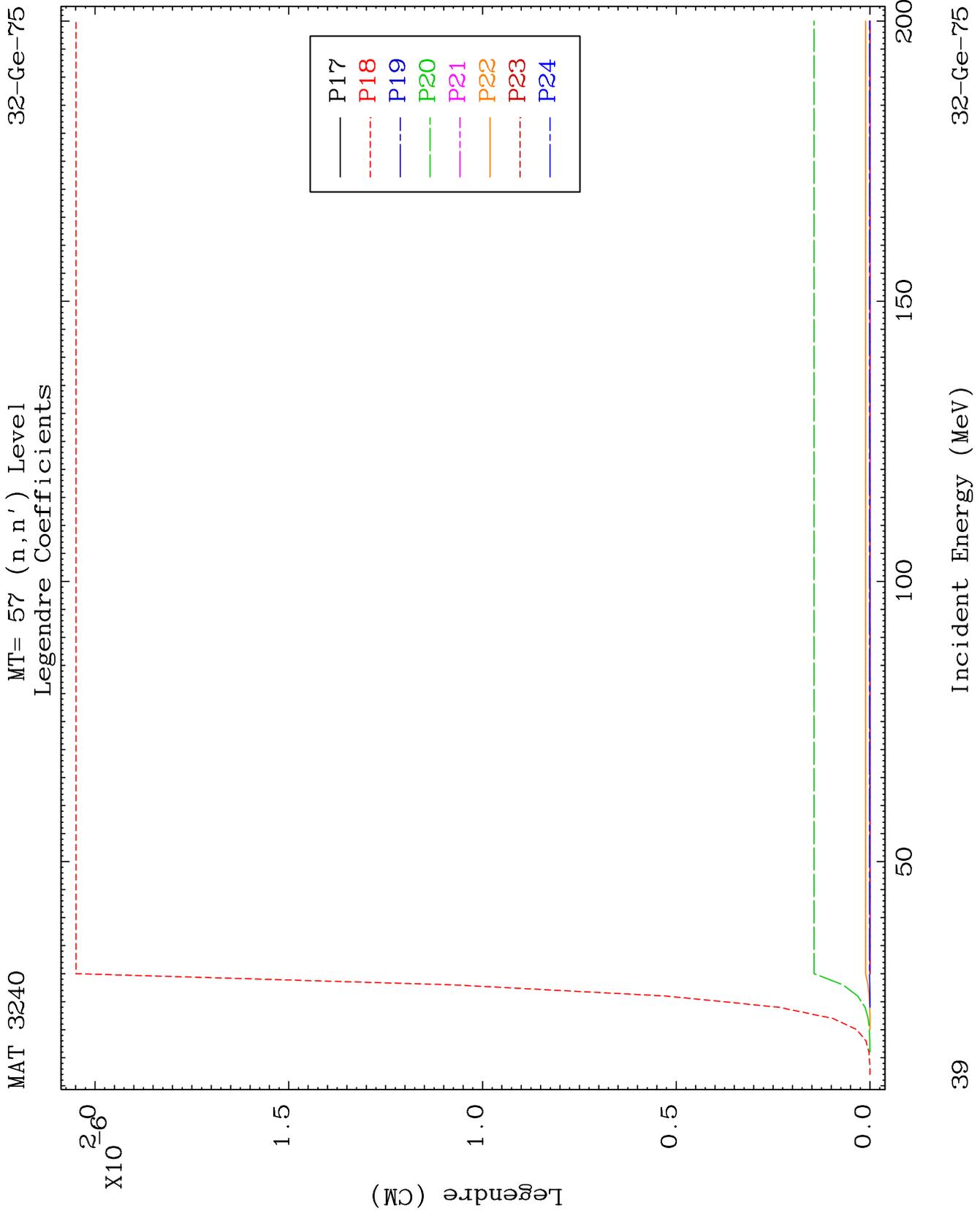


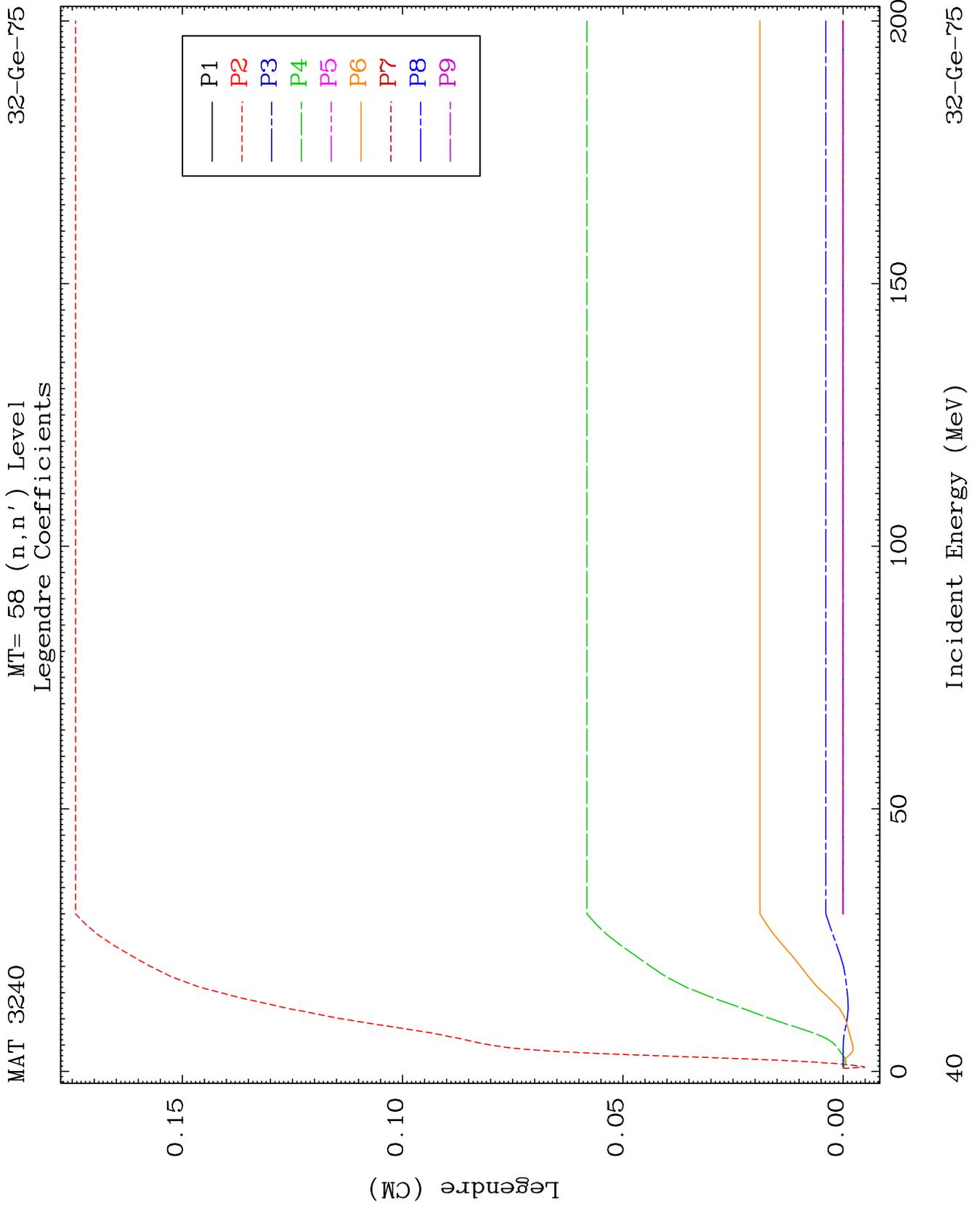








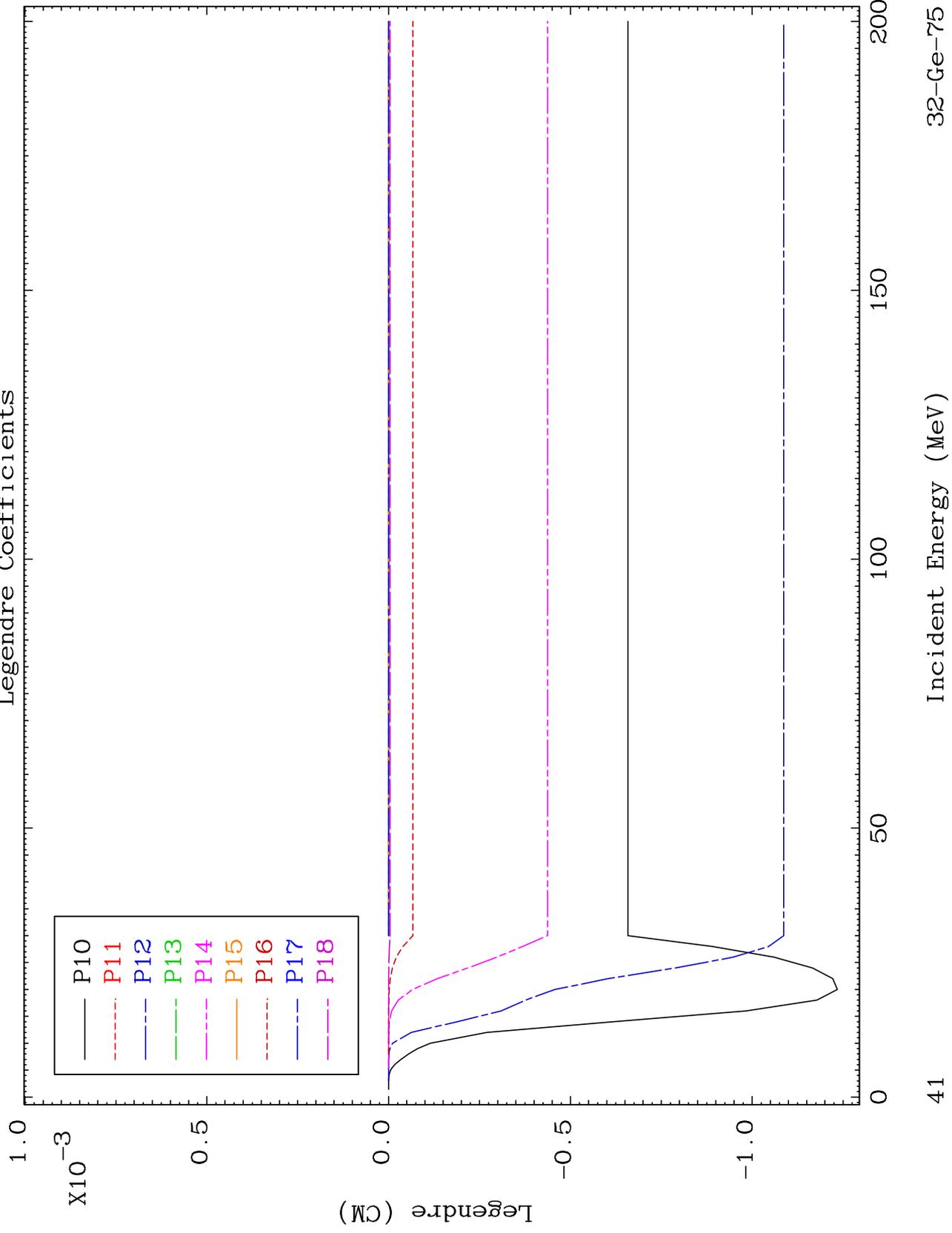




MAT 3240

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

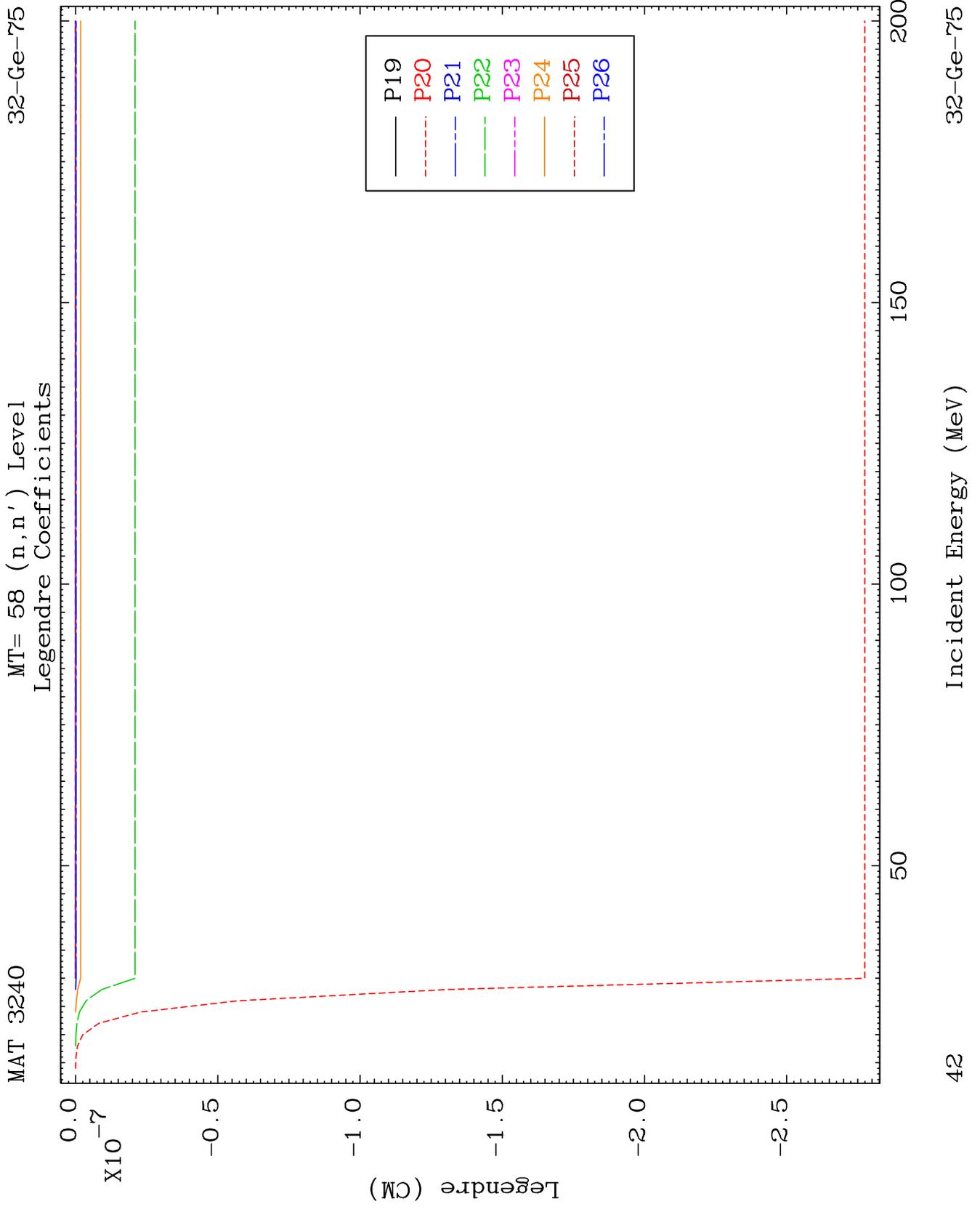
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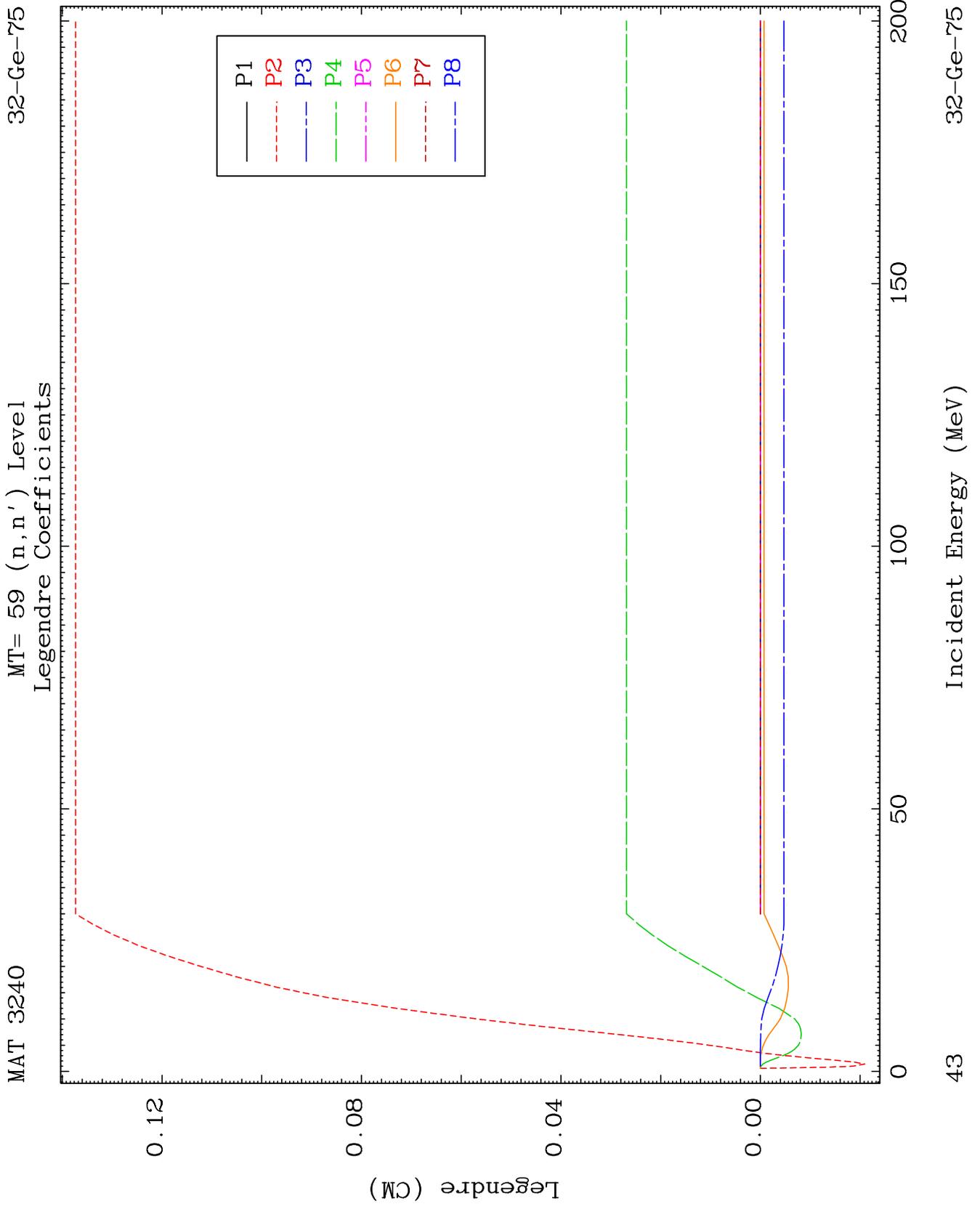


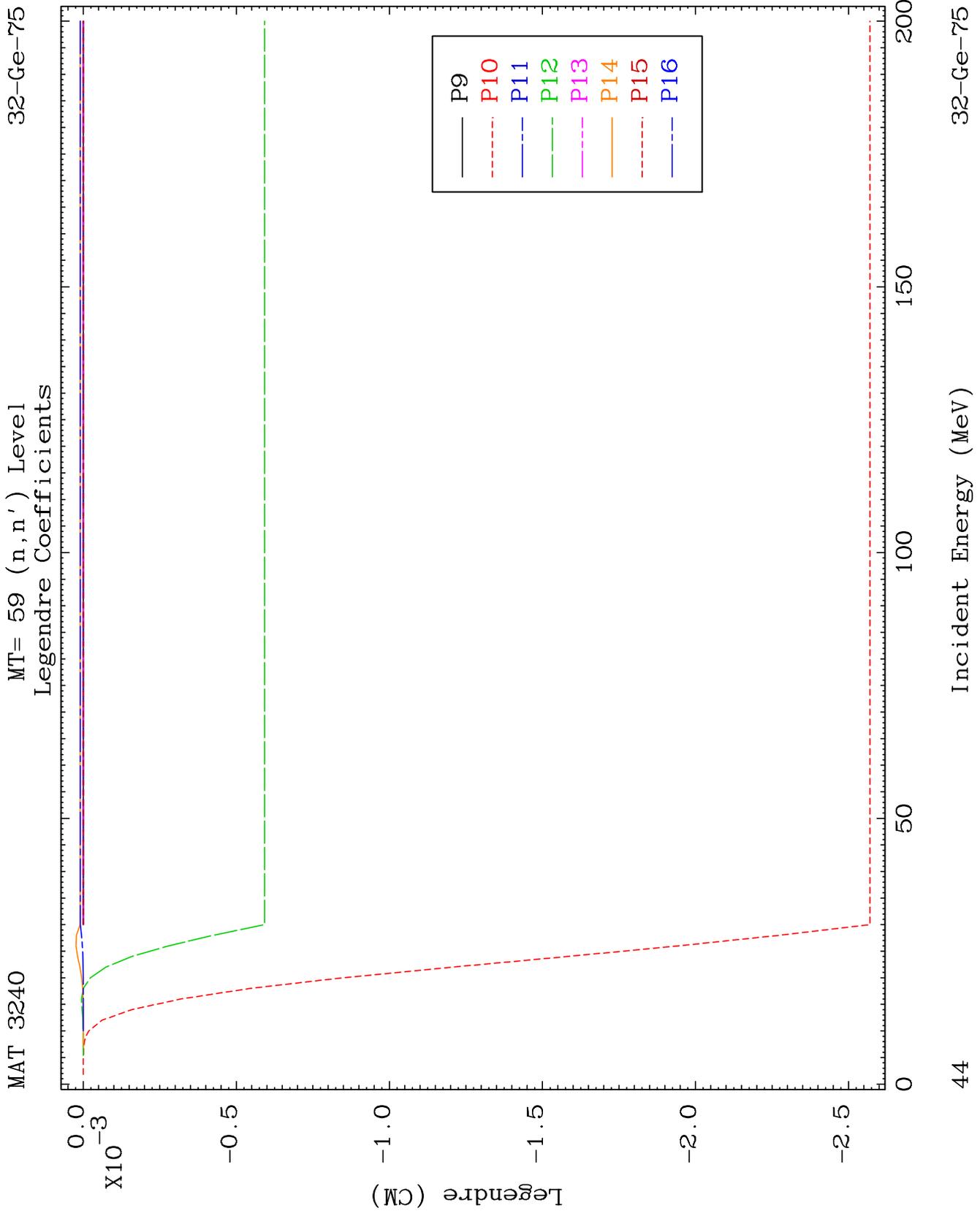
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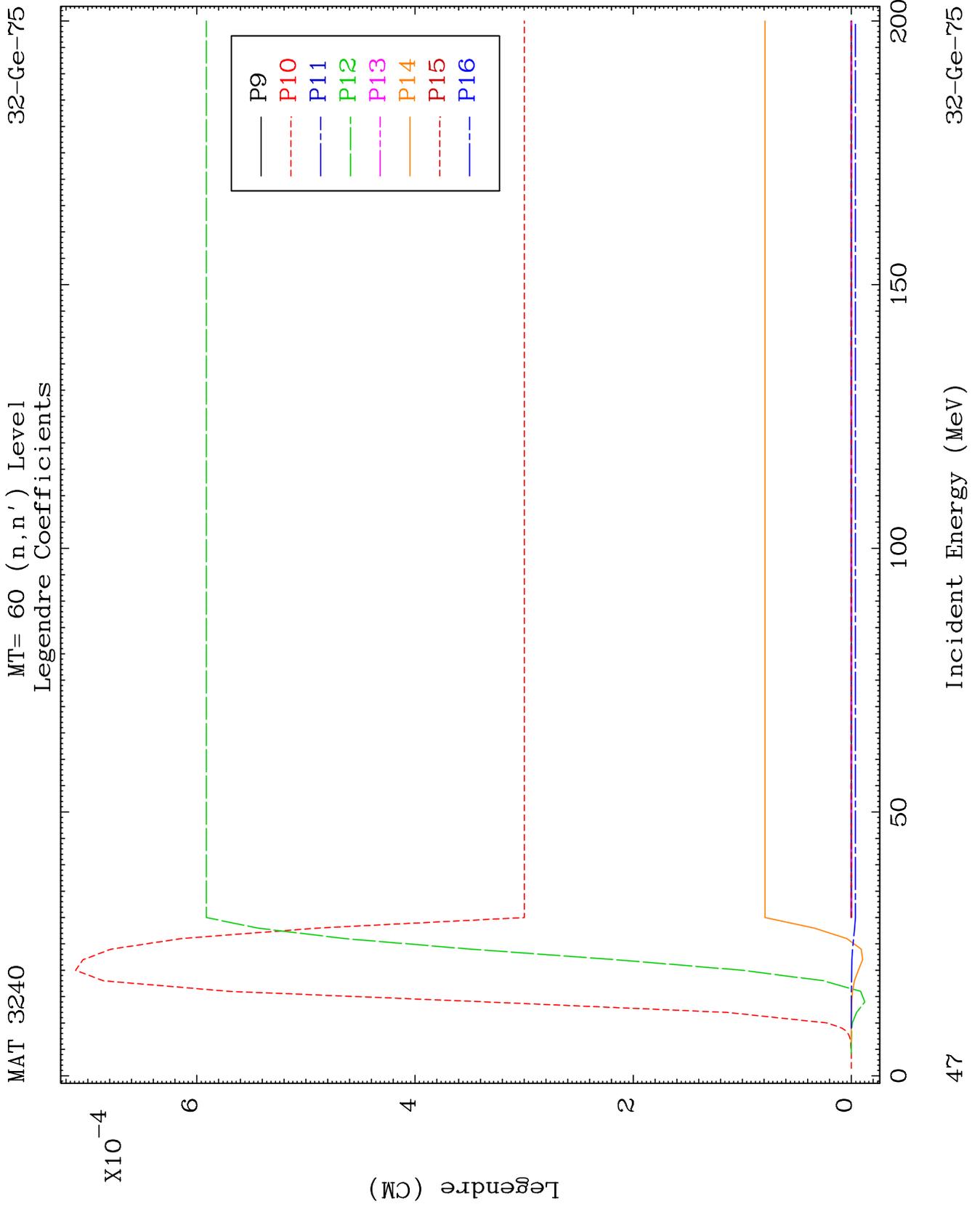
Incident Energy (MeV)

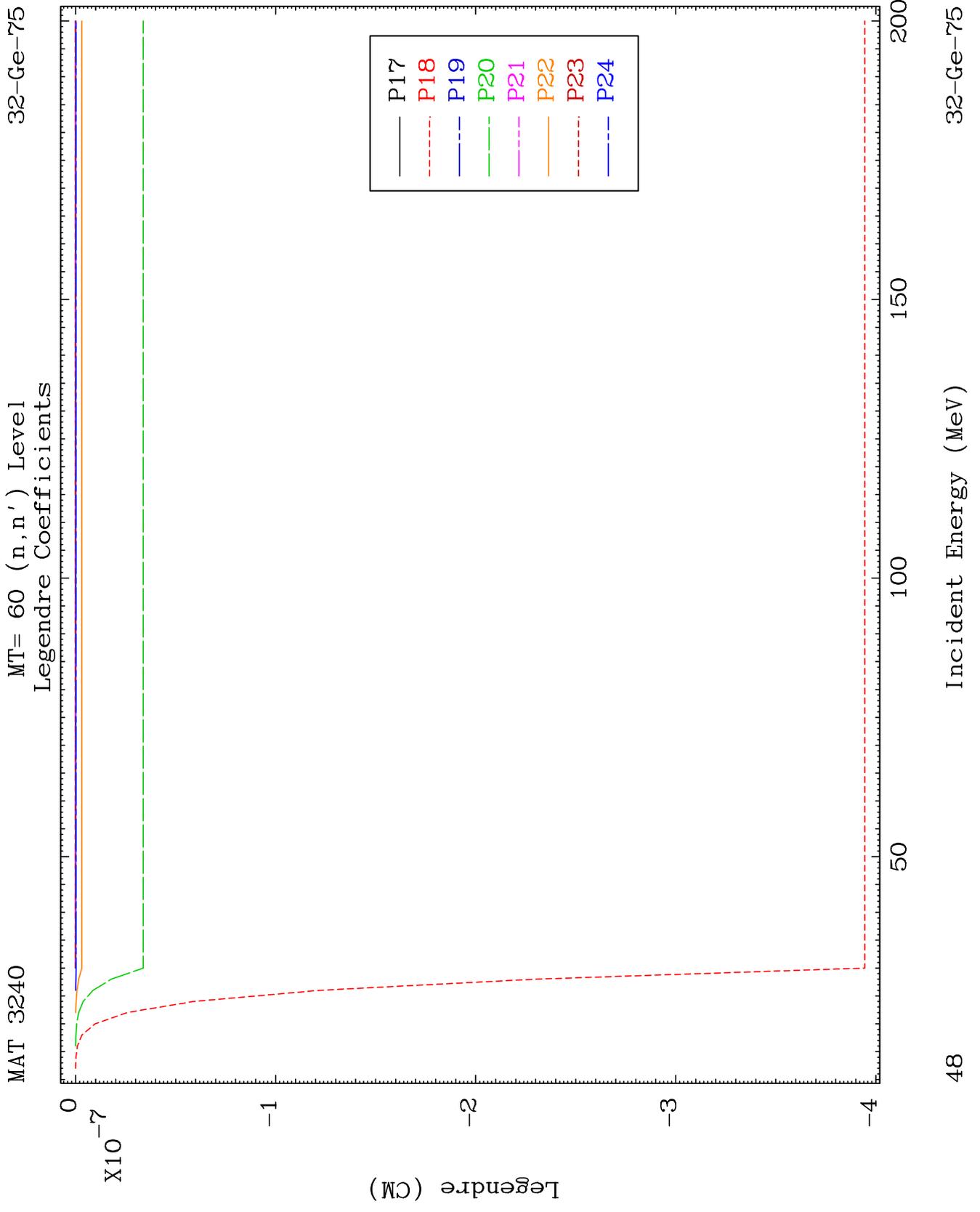
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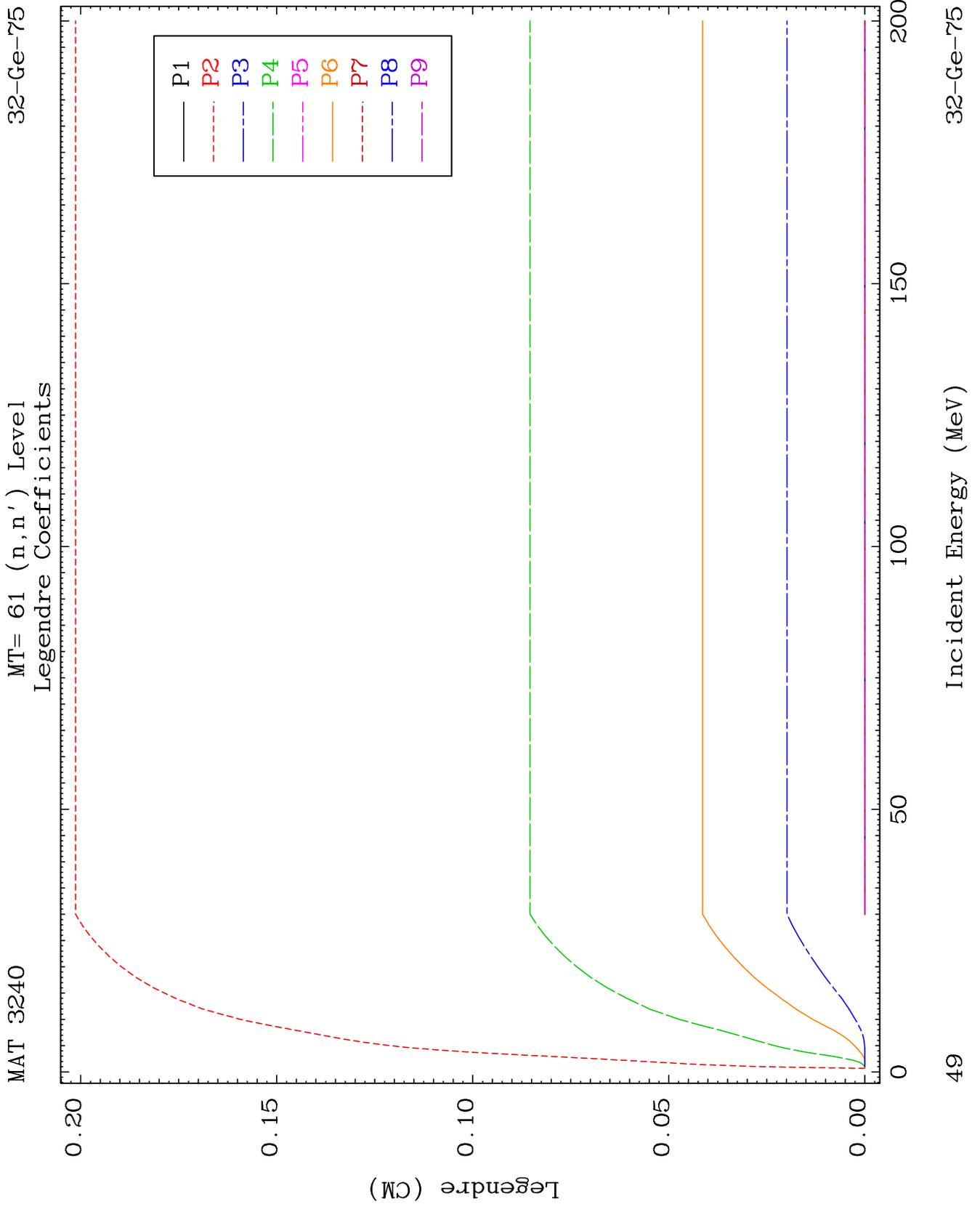


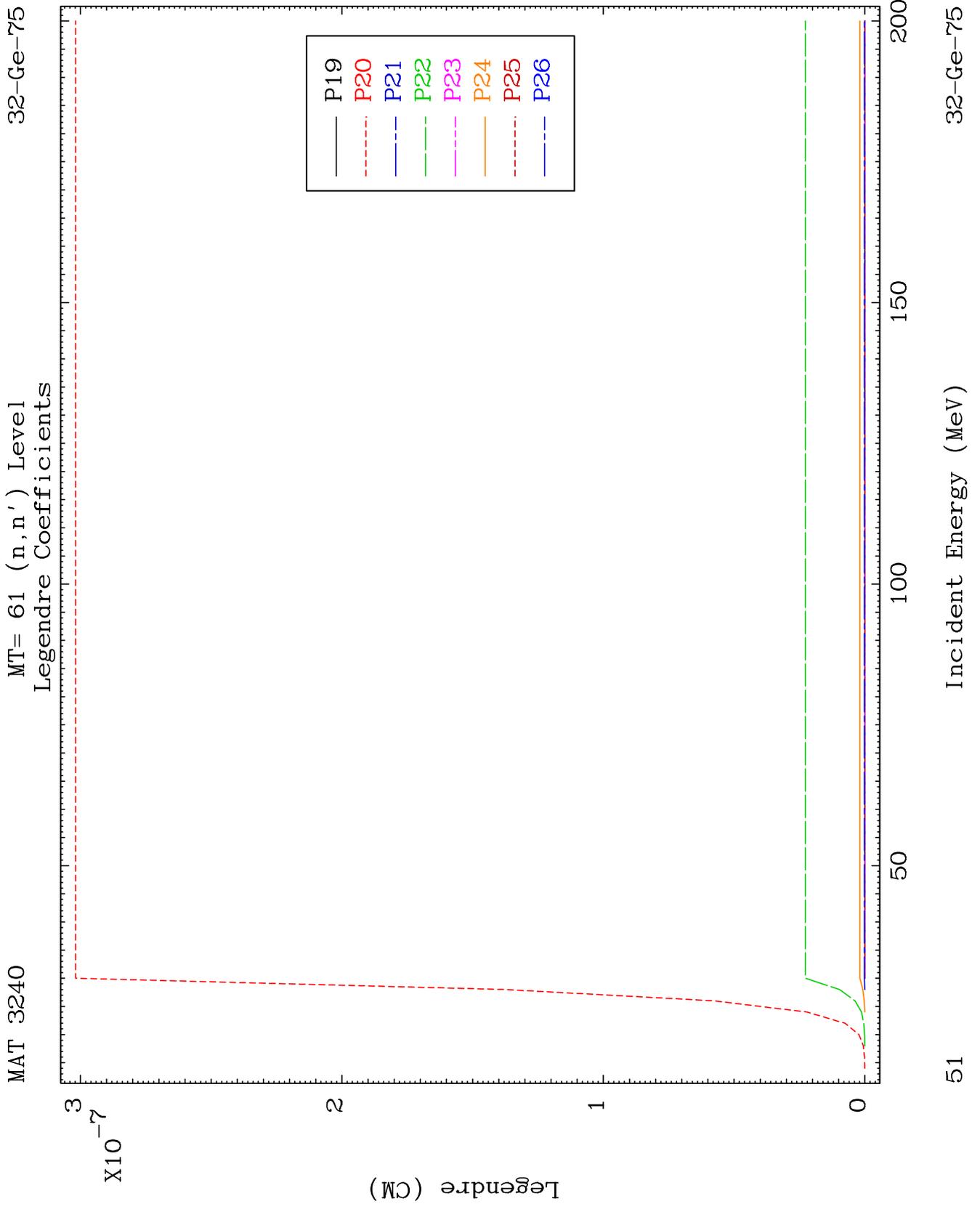


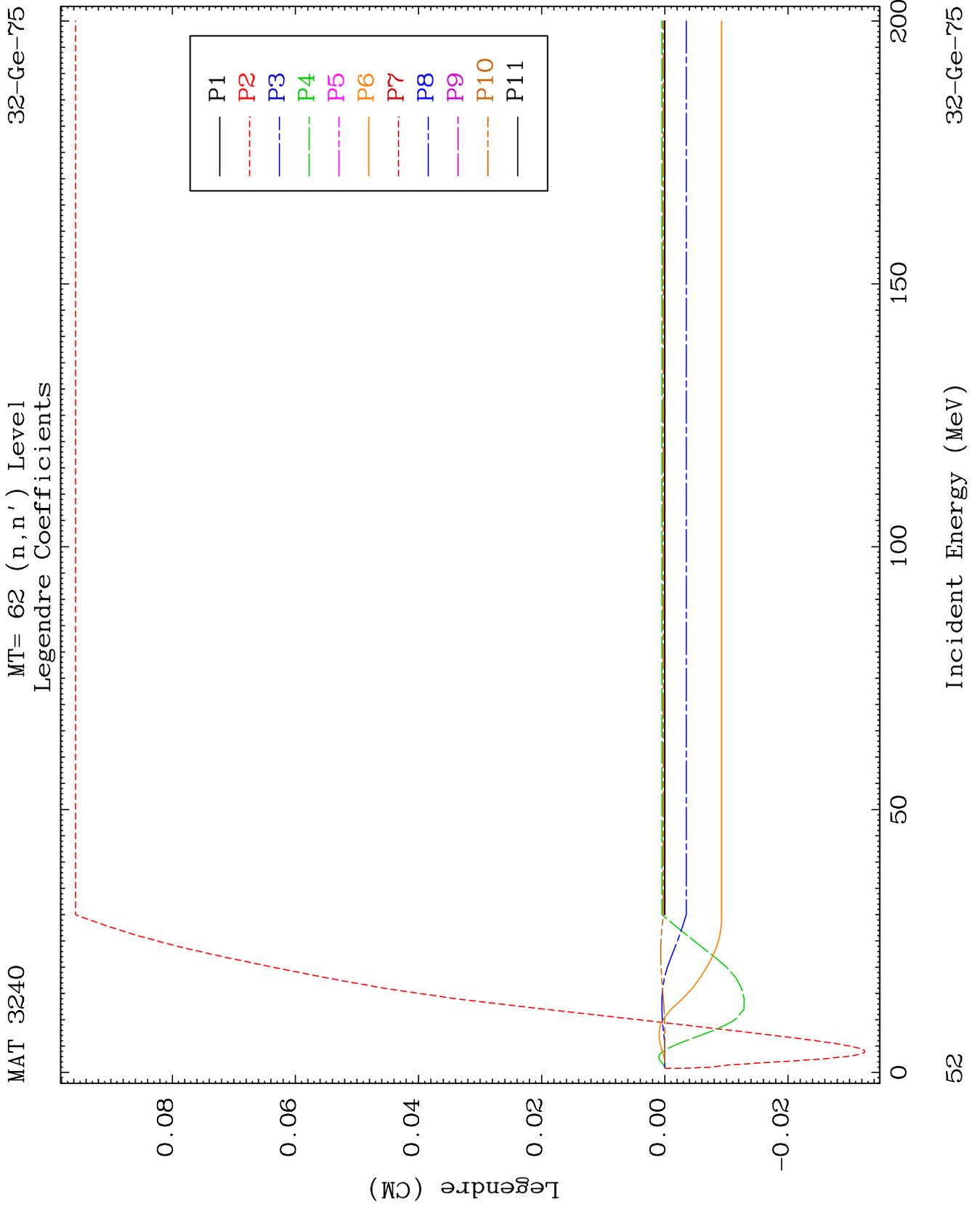








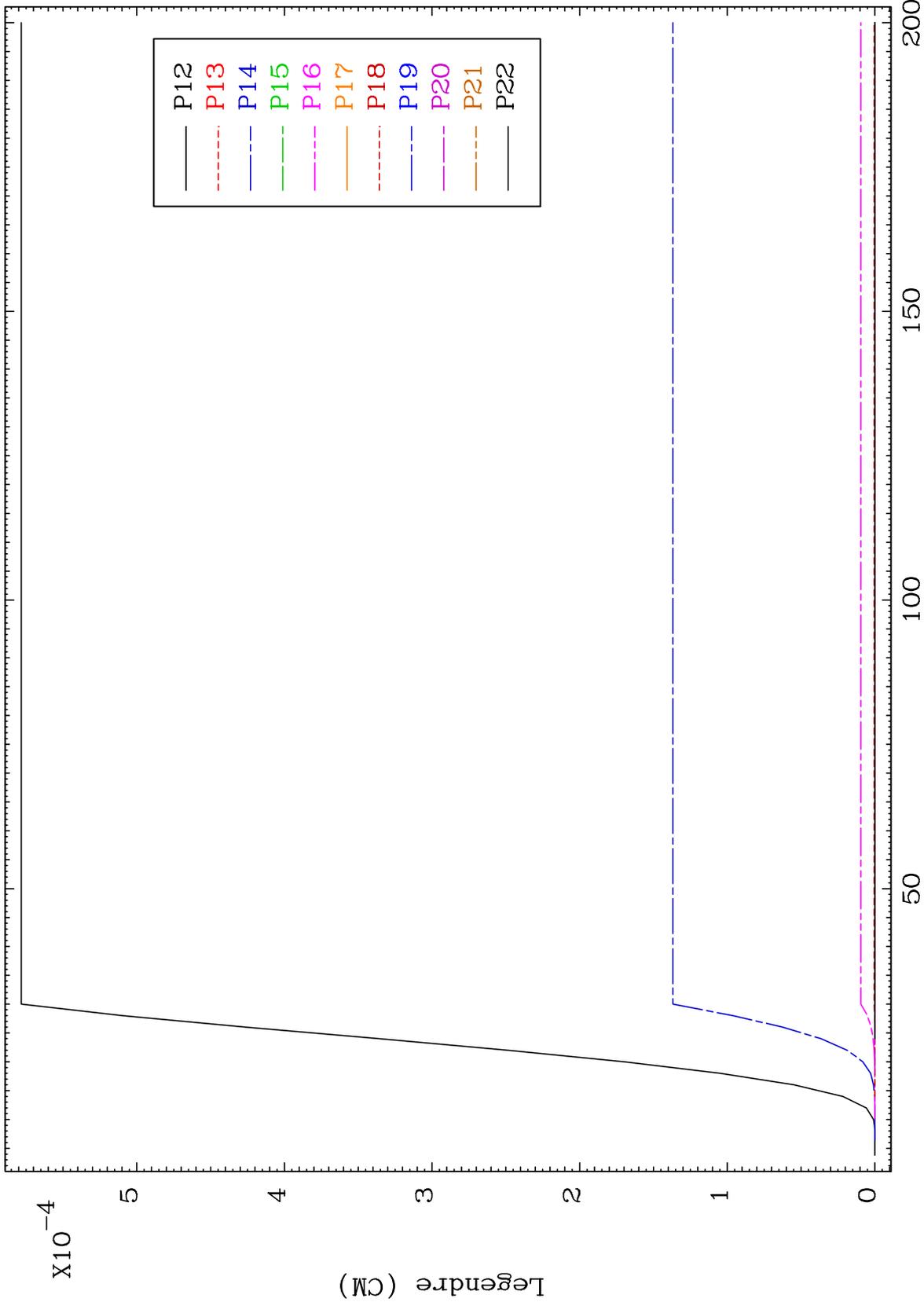




MAT 3240

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

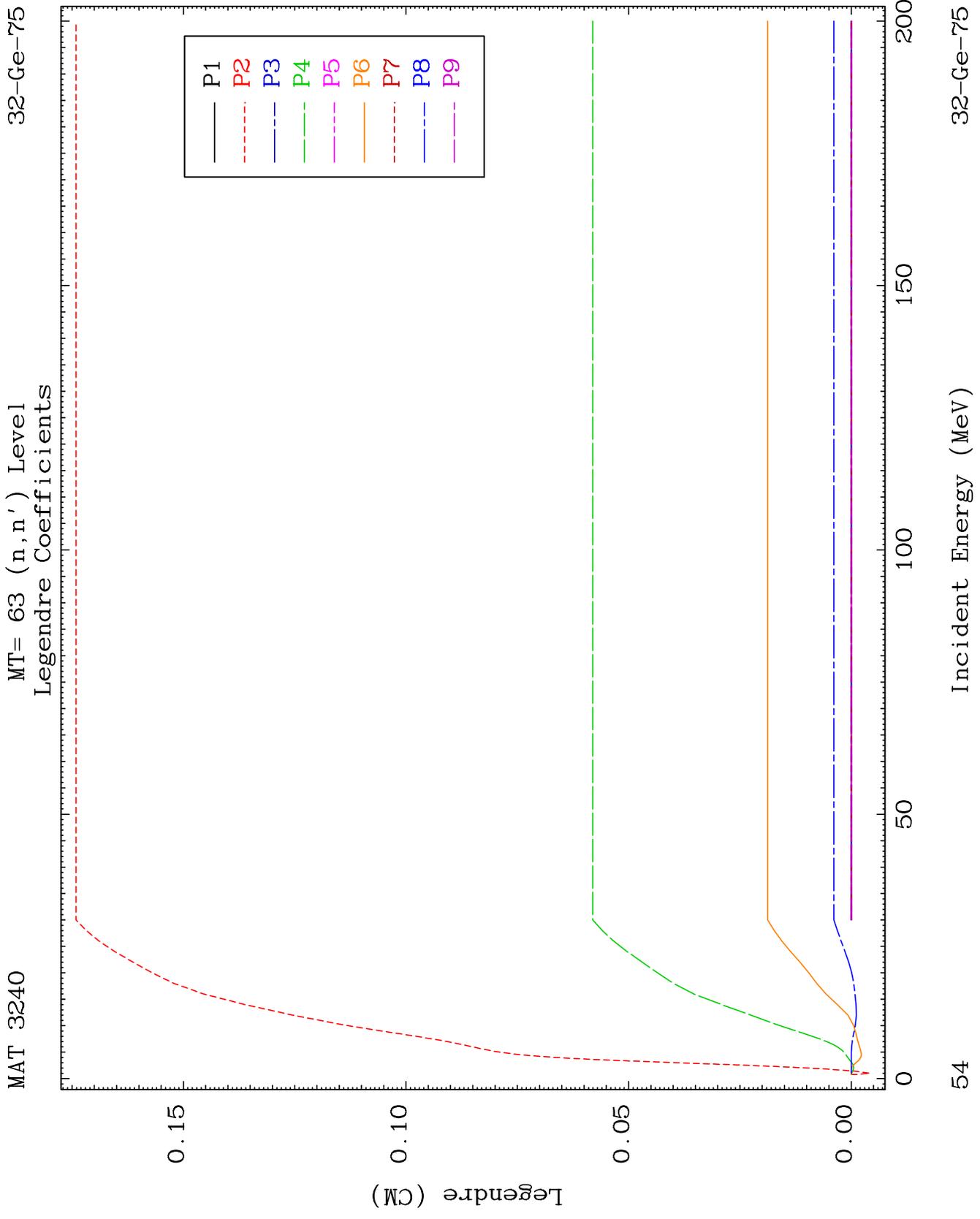
32-Ge-75



53

Incident Energy (MeV)

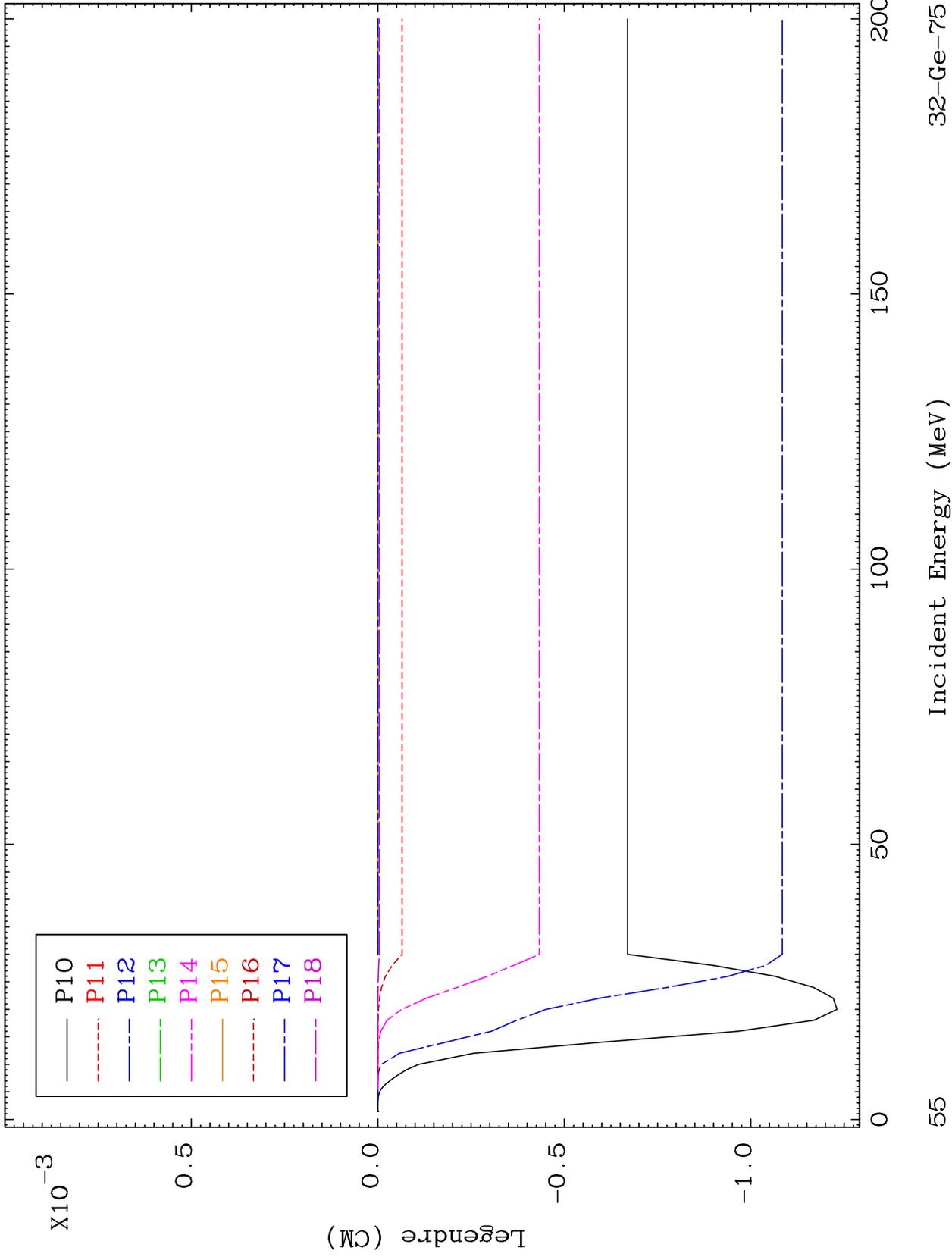
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MAT 3240

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

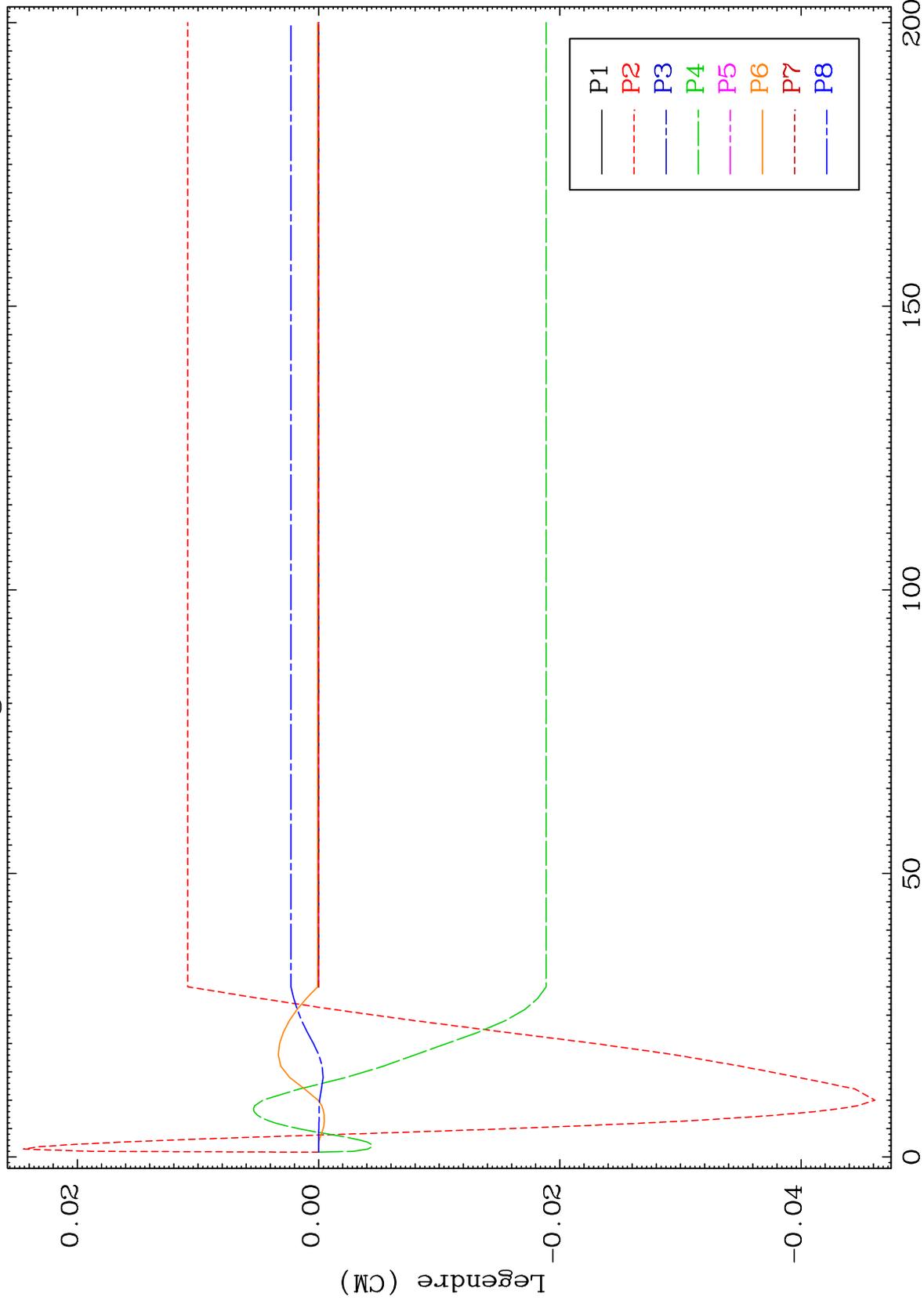
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MAT 3240

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

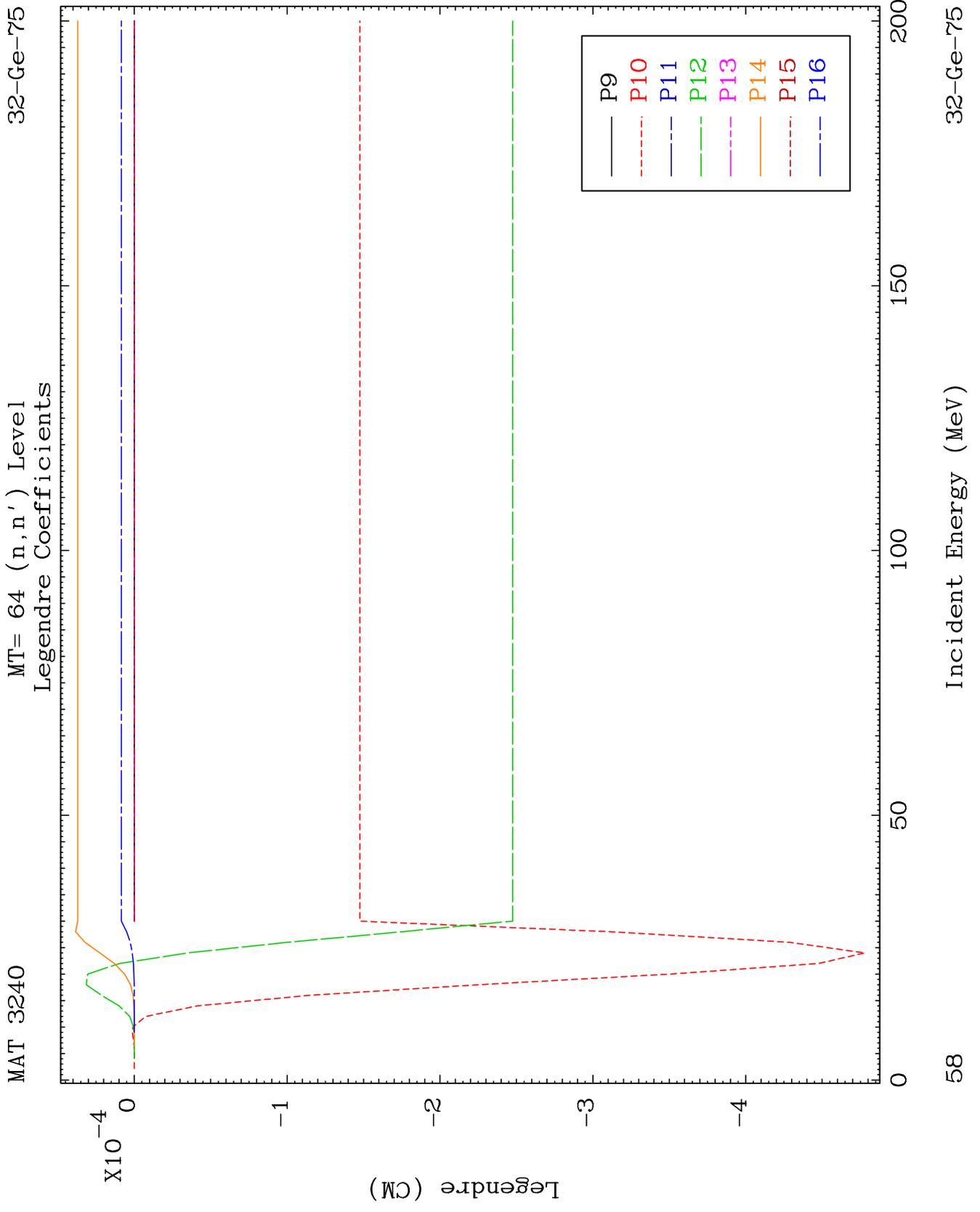
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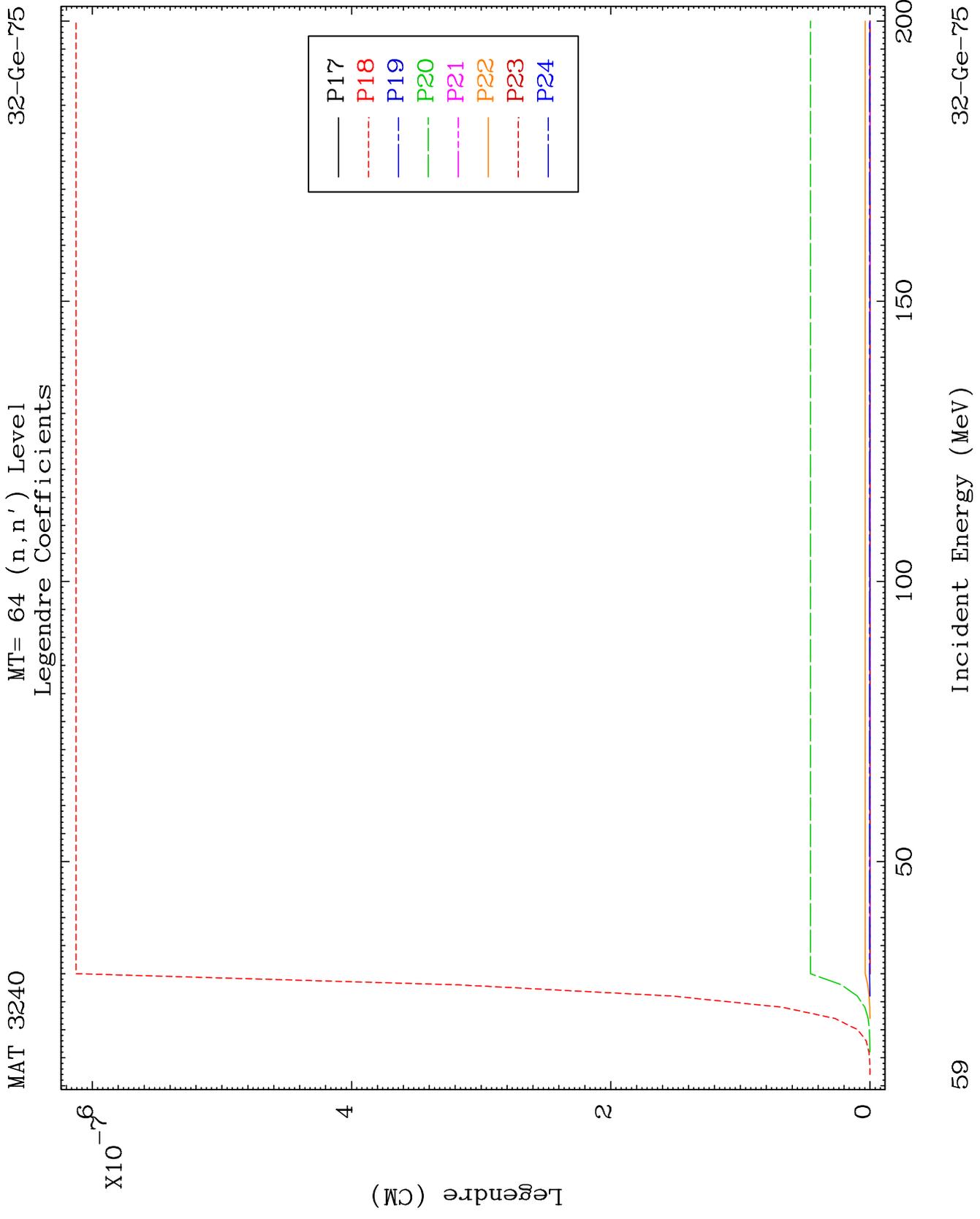


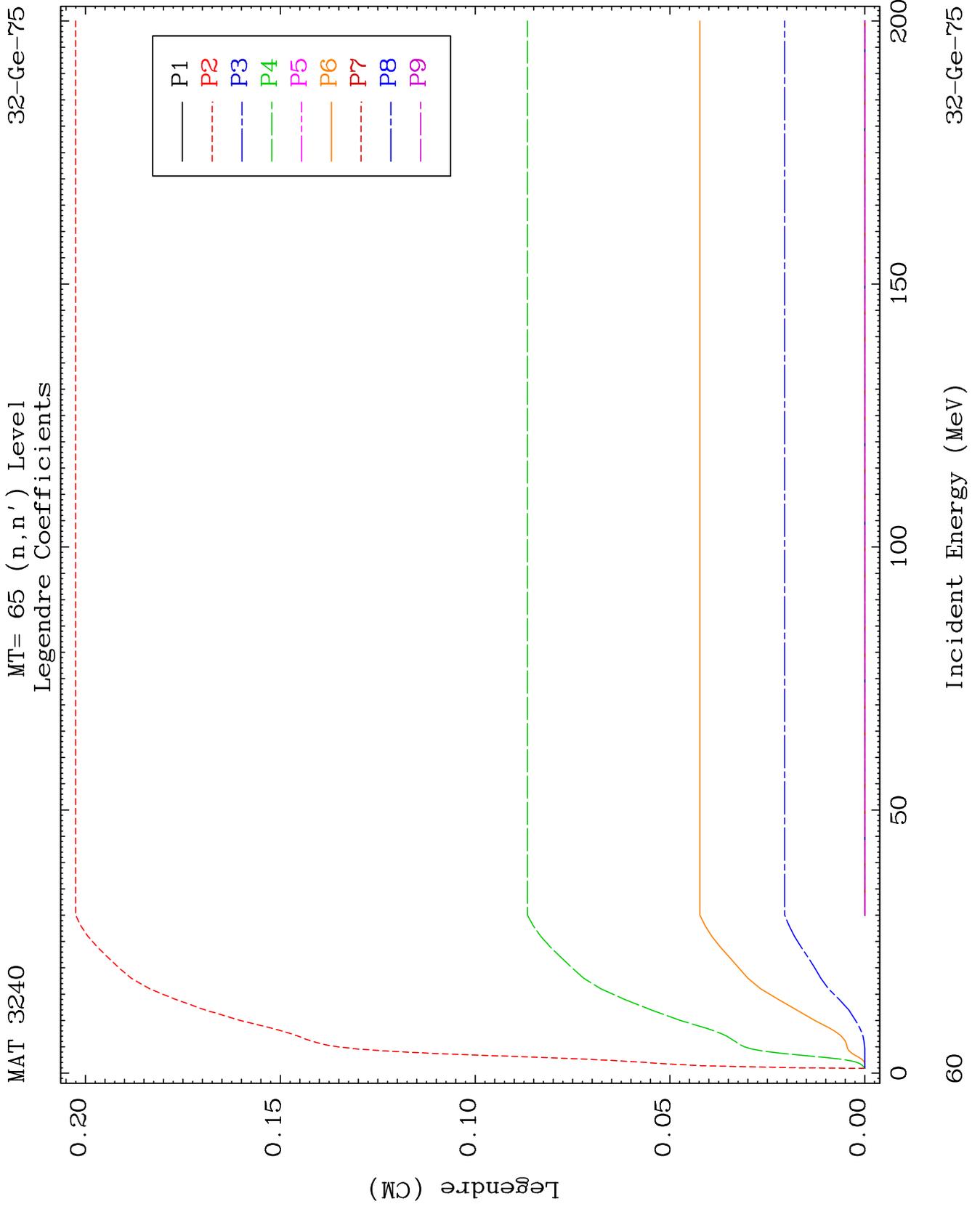
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Incident Energy (MeV)

32-Ge-75



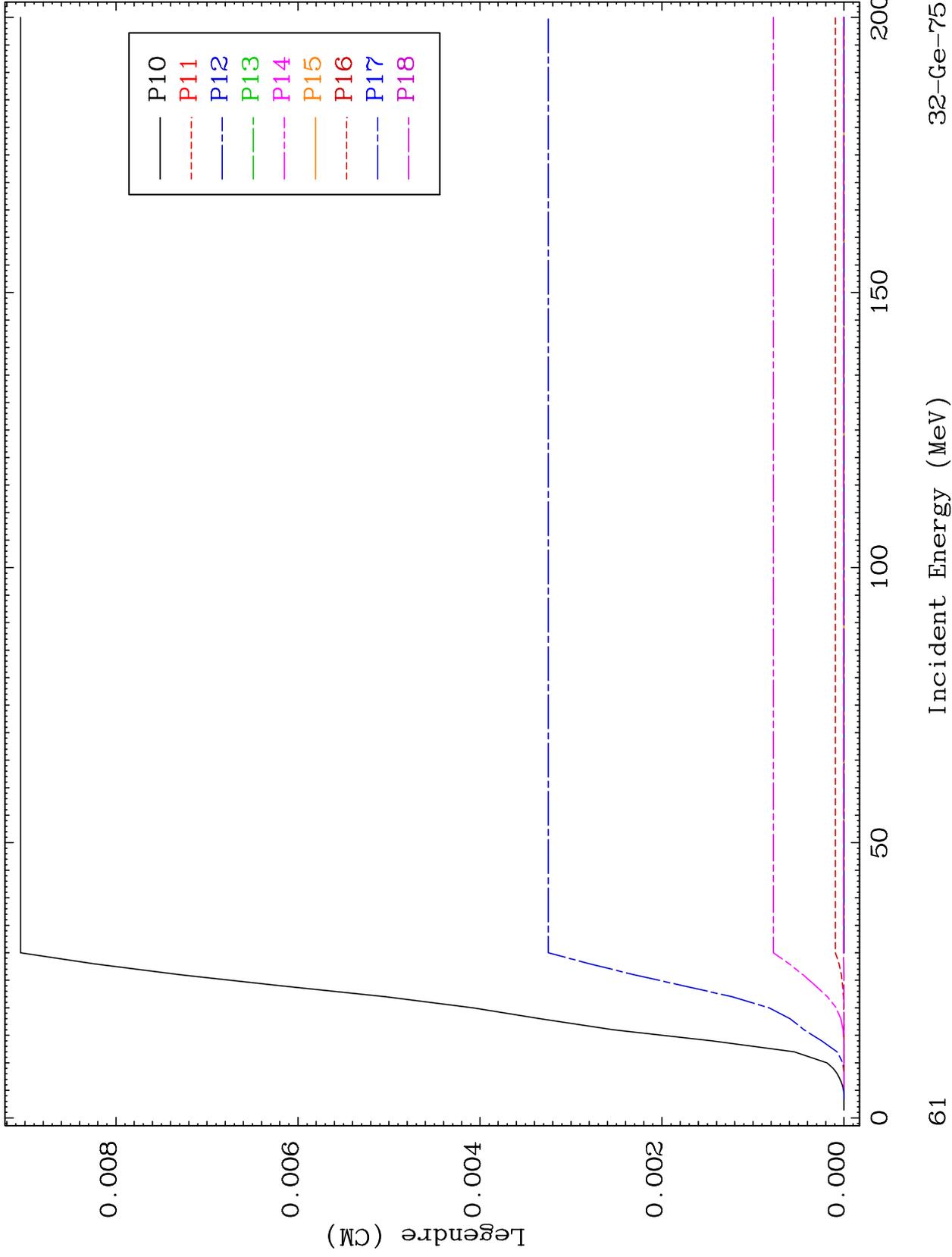




MAT 3240

MT= 65 (n,n') Level
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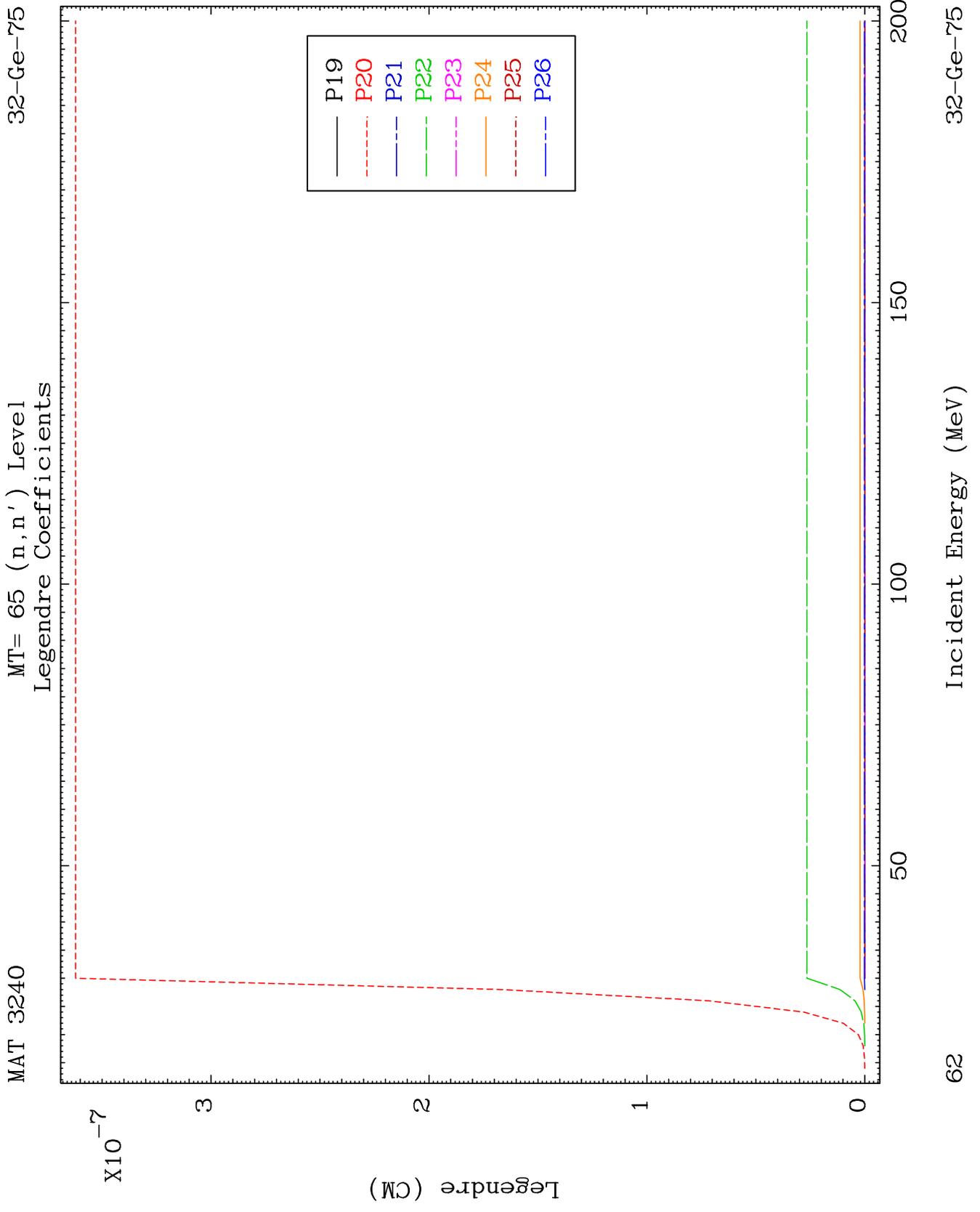
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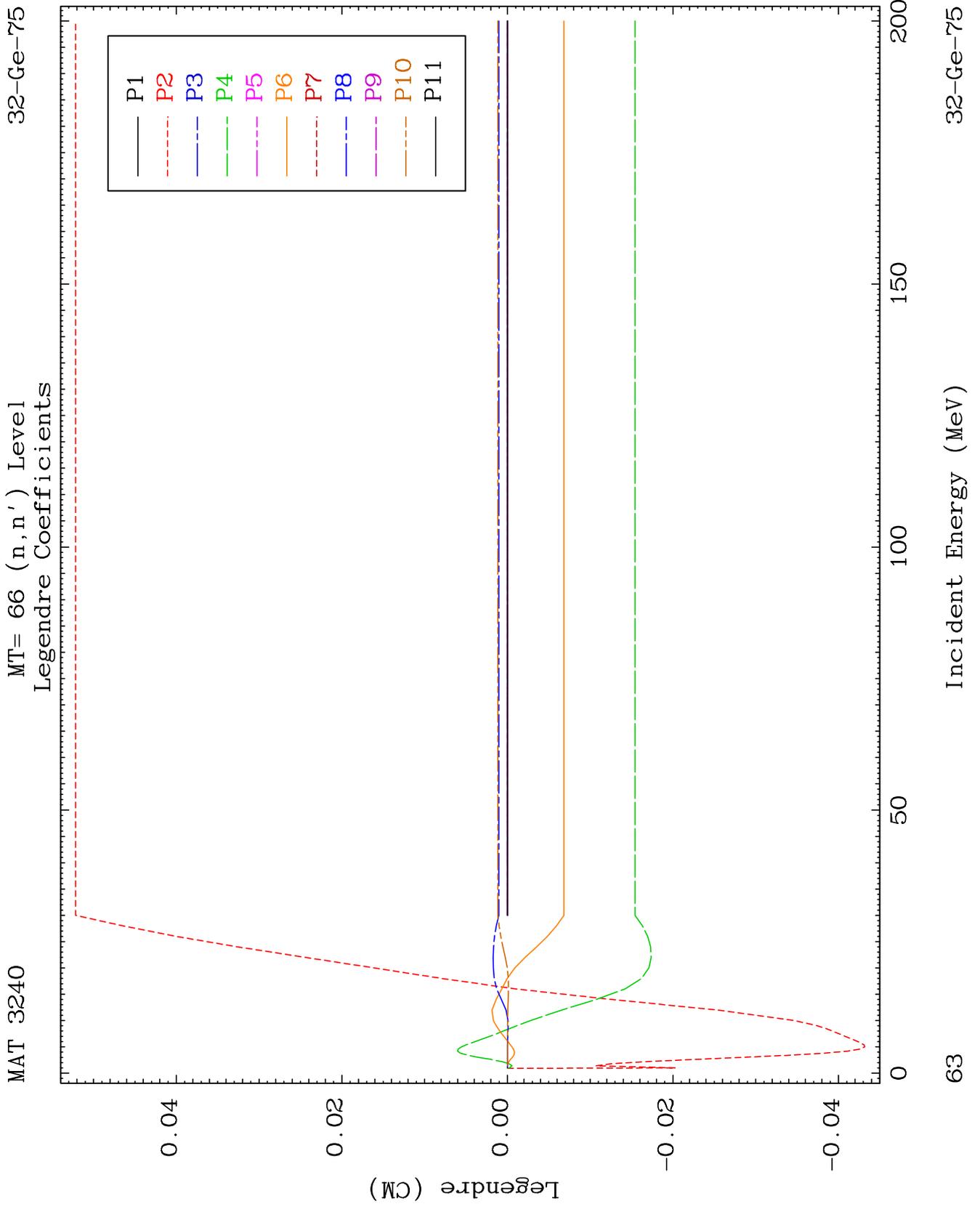


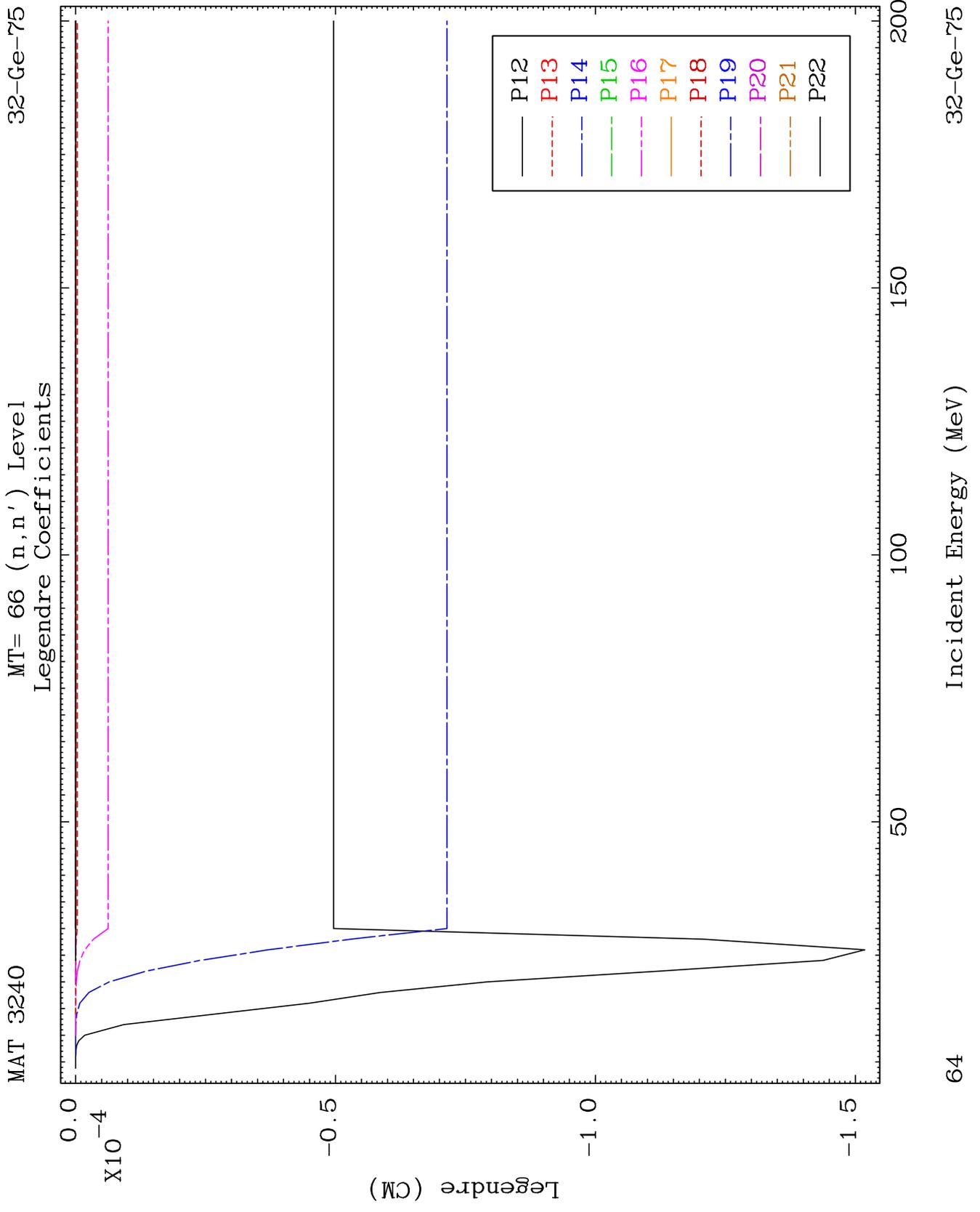
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Incident Energy (MeV)

32-Ge-75



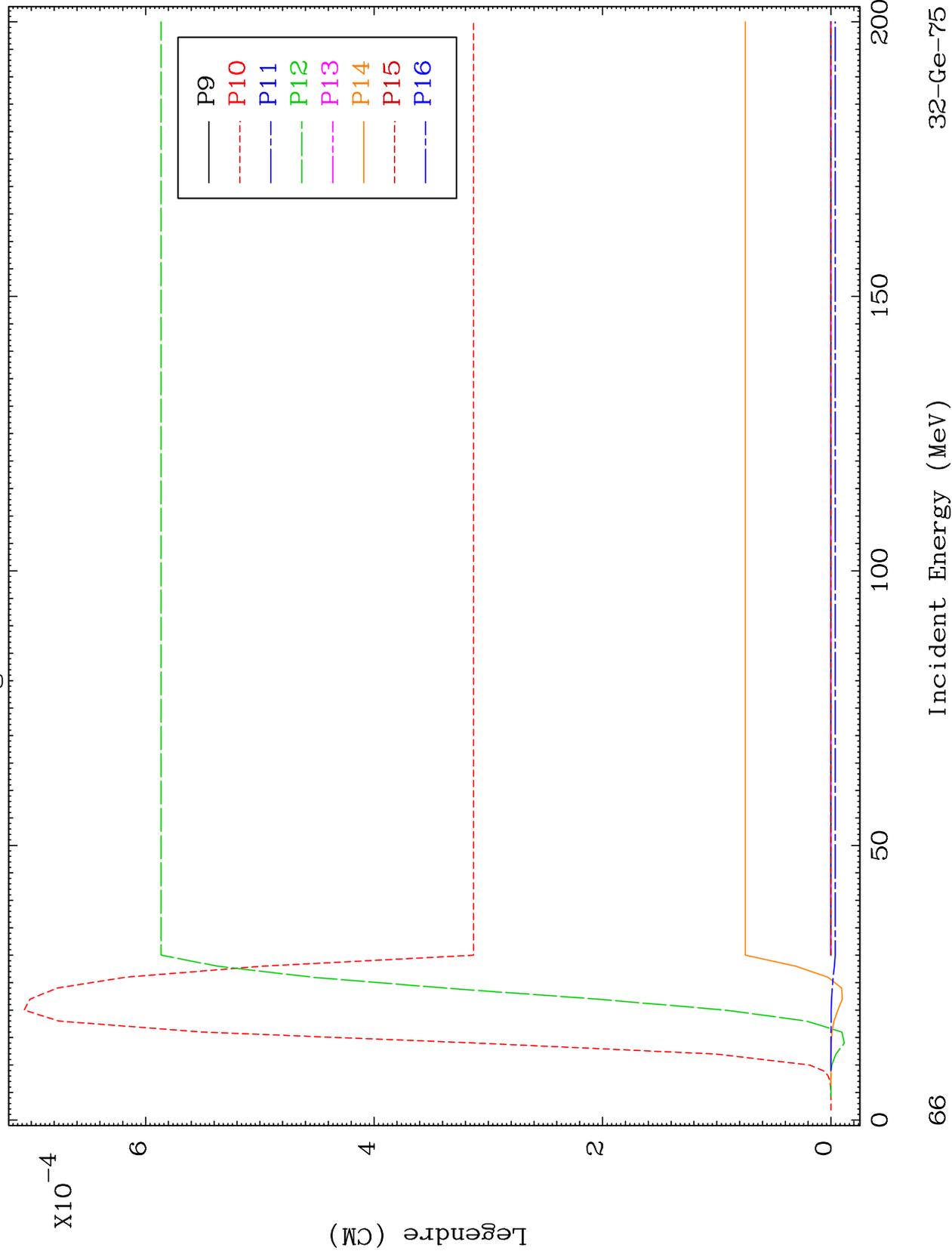




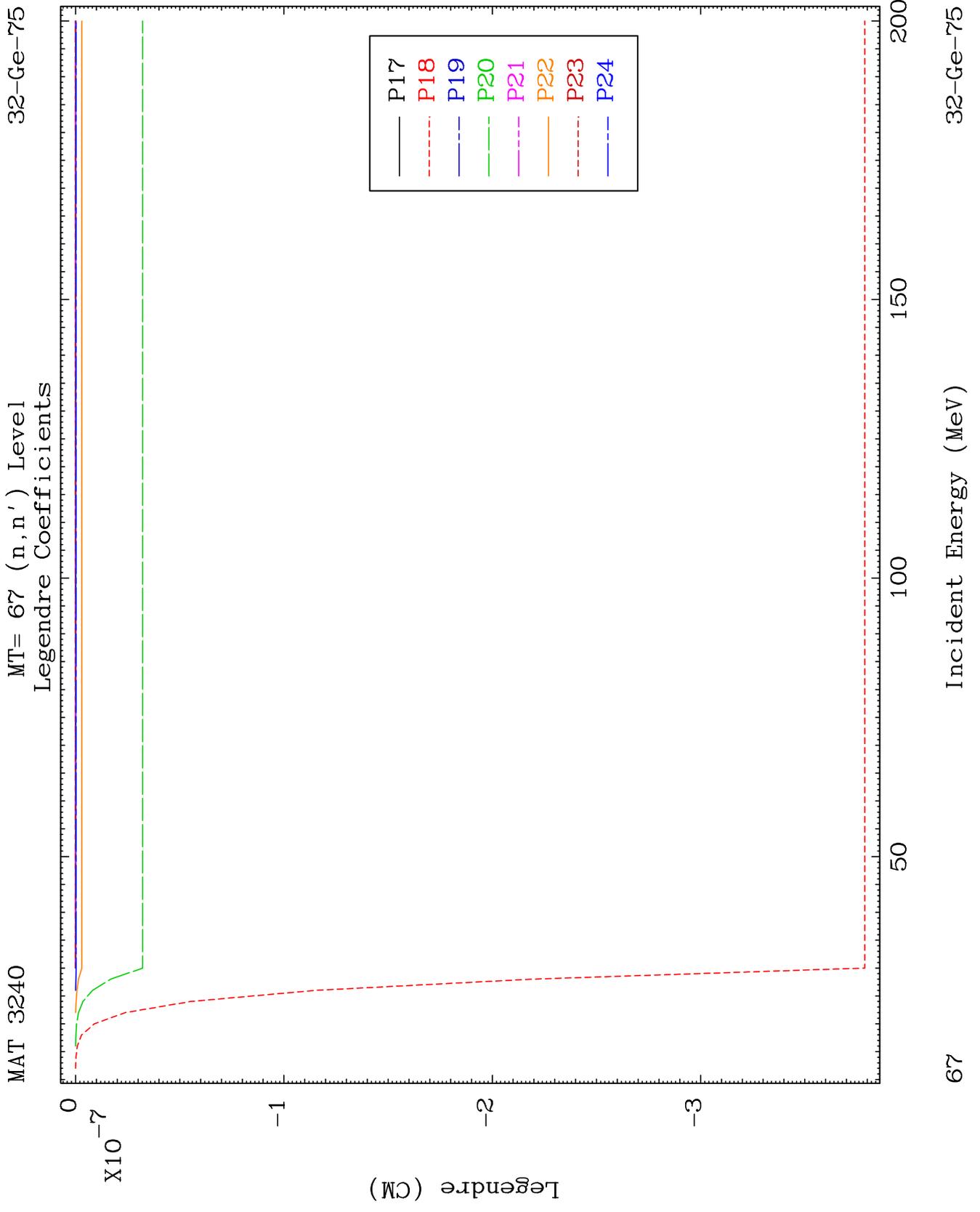
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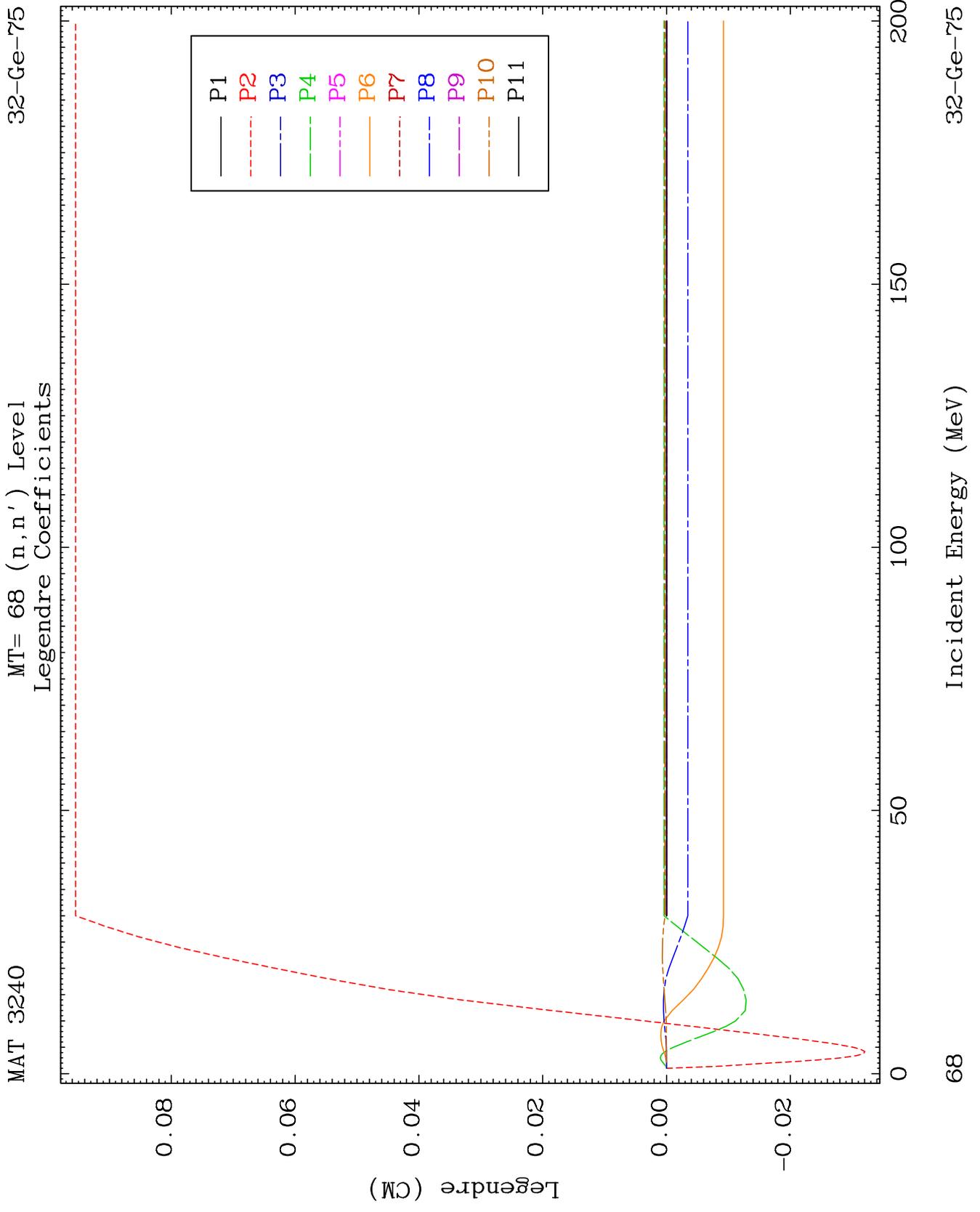
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Legendre Coefficients

32-Ge-75



66

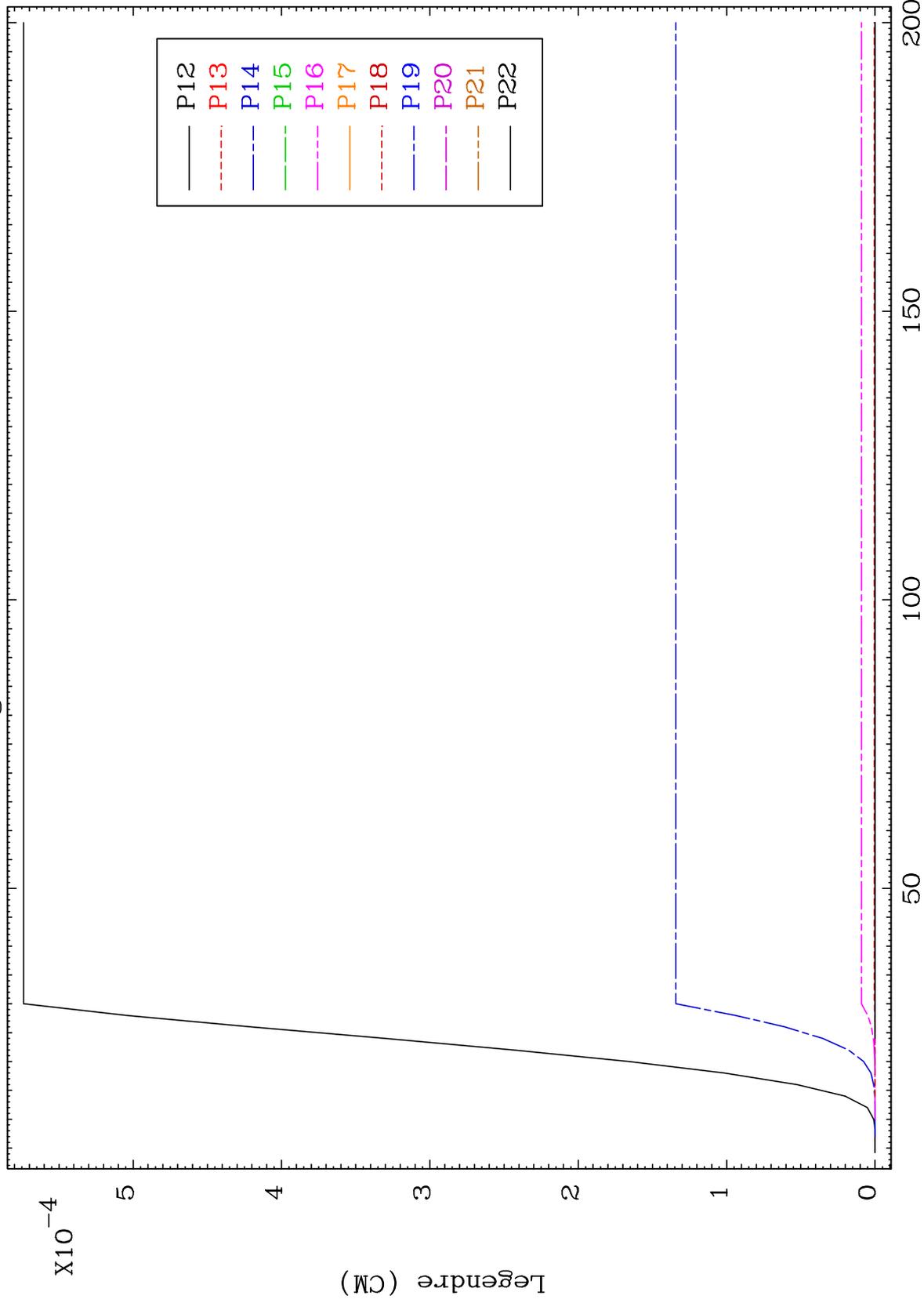




MAT 3240

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

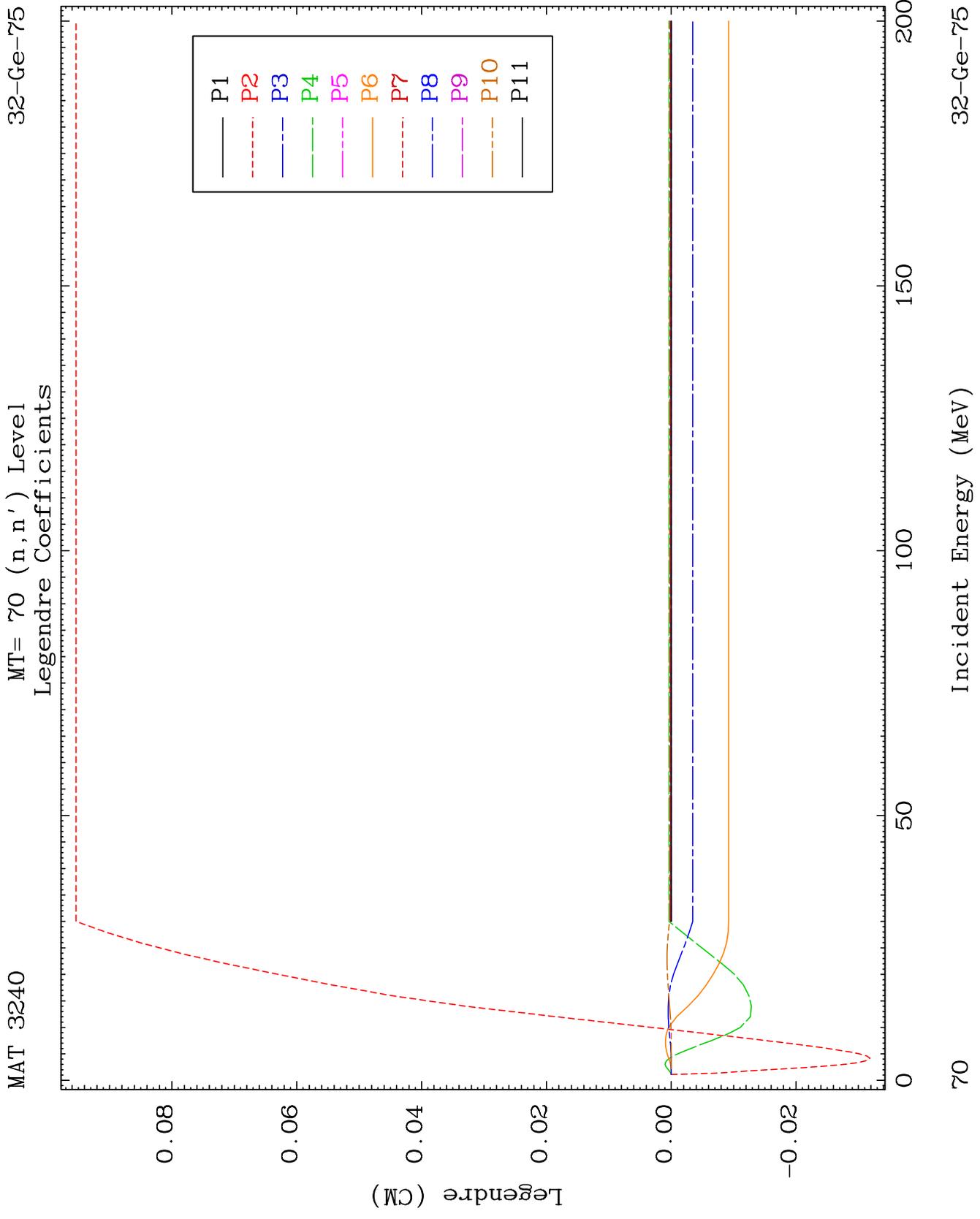
32-Ge-75



69

Incident Energy (MeV)

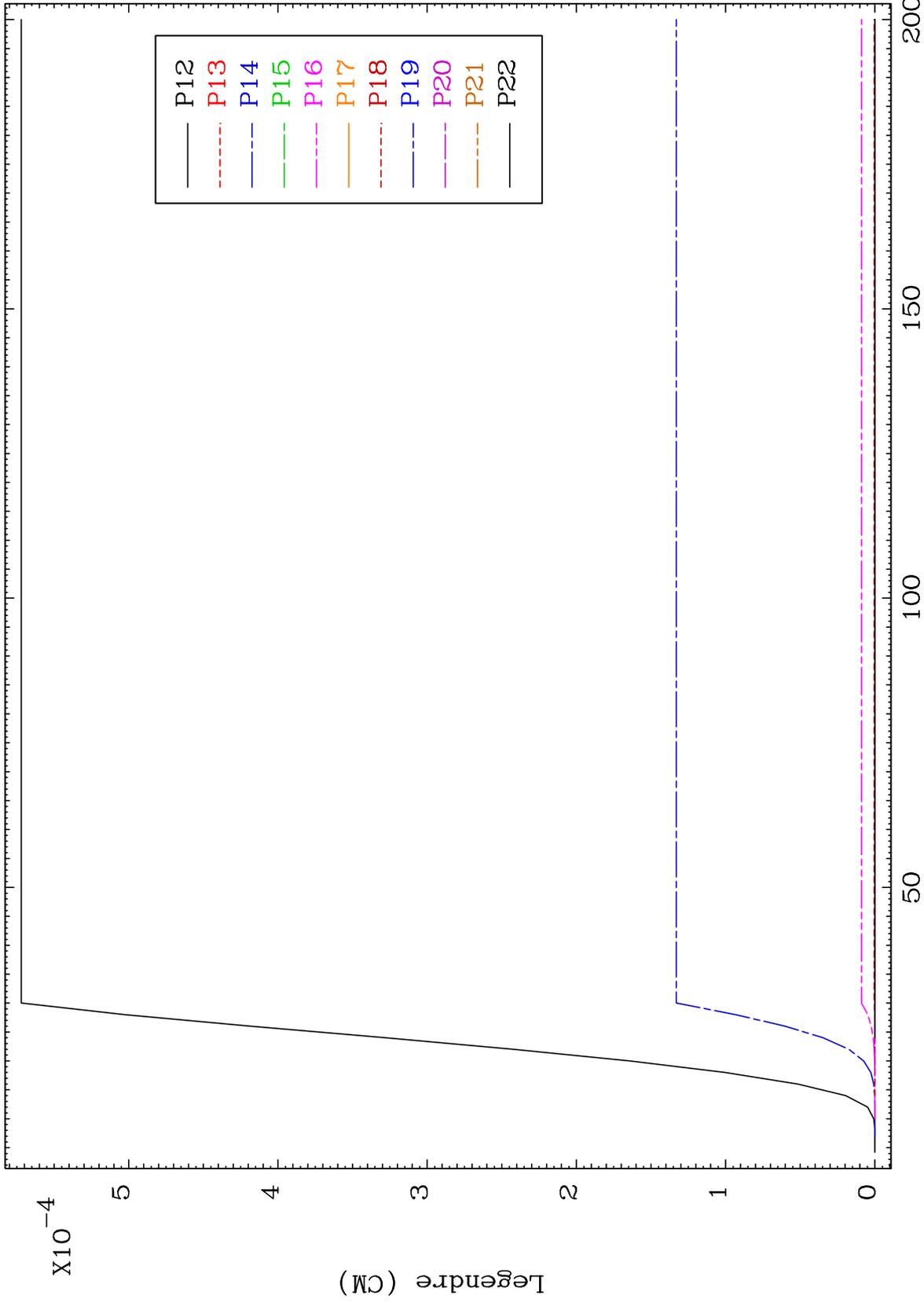
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MAT 3240

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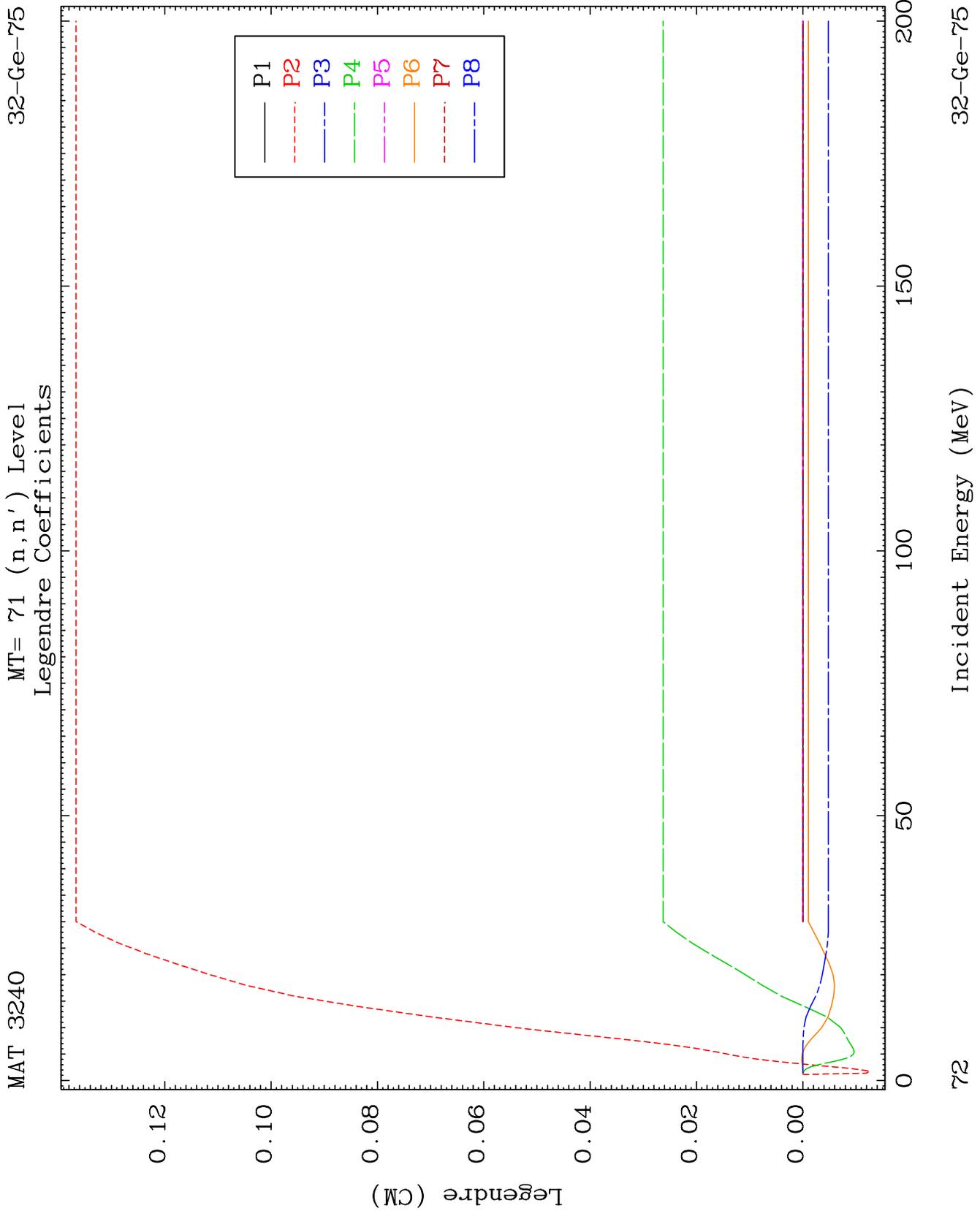
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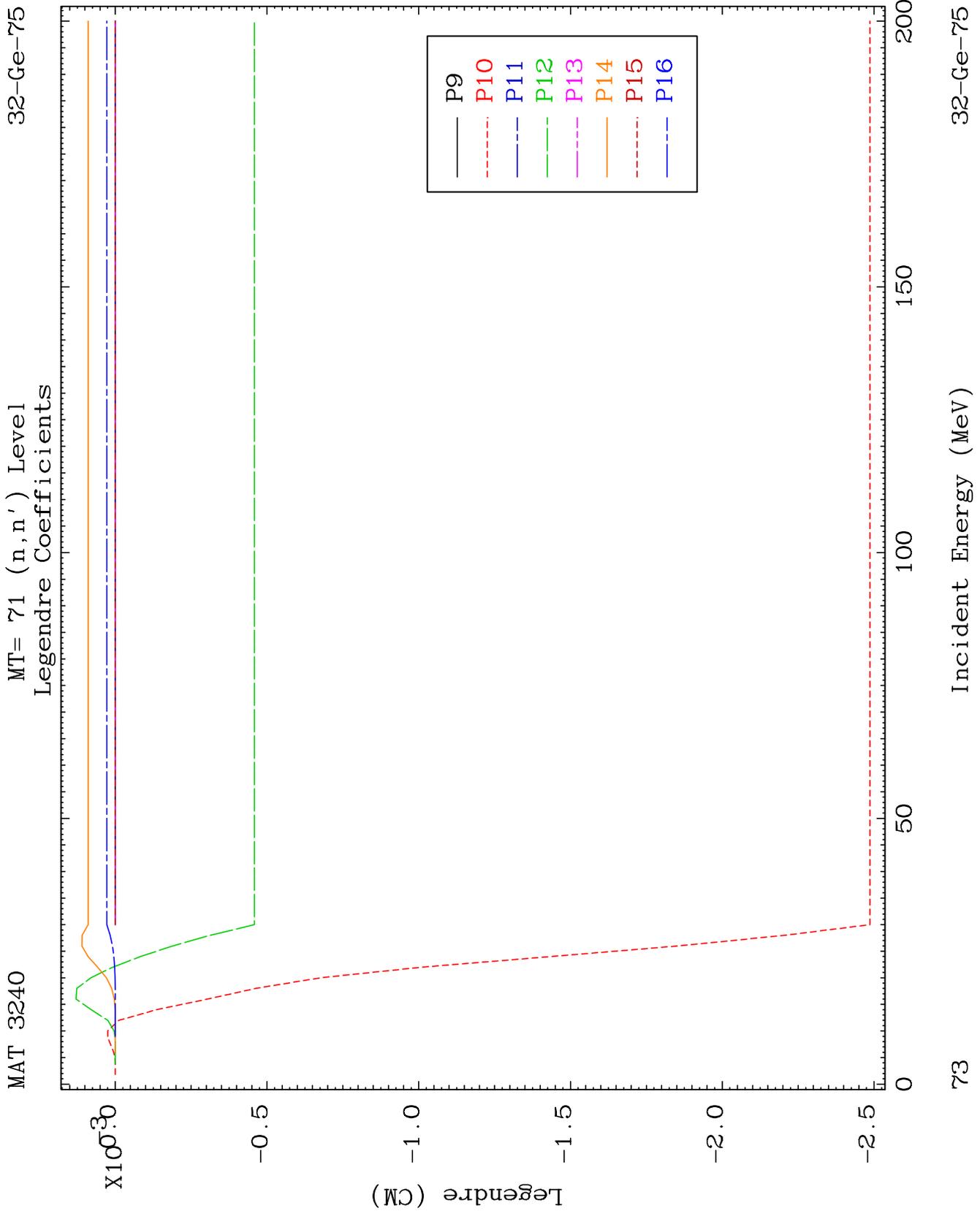


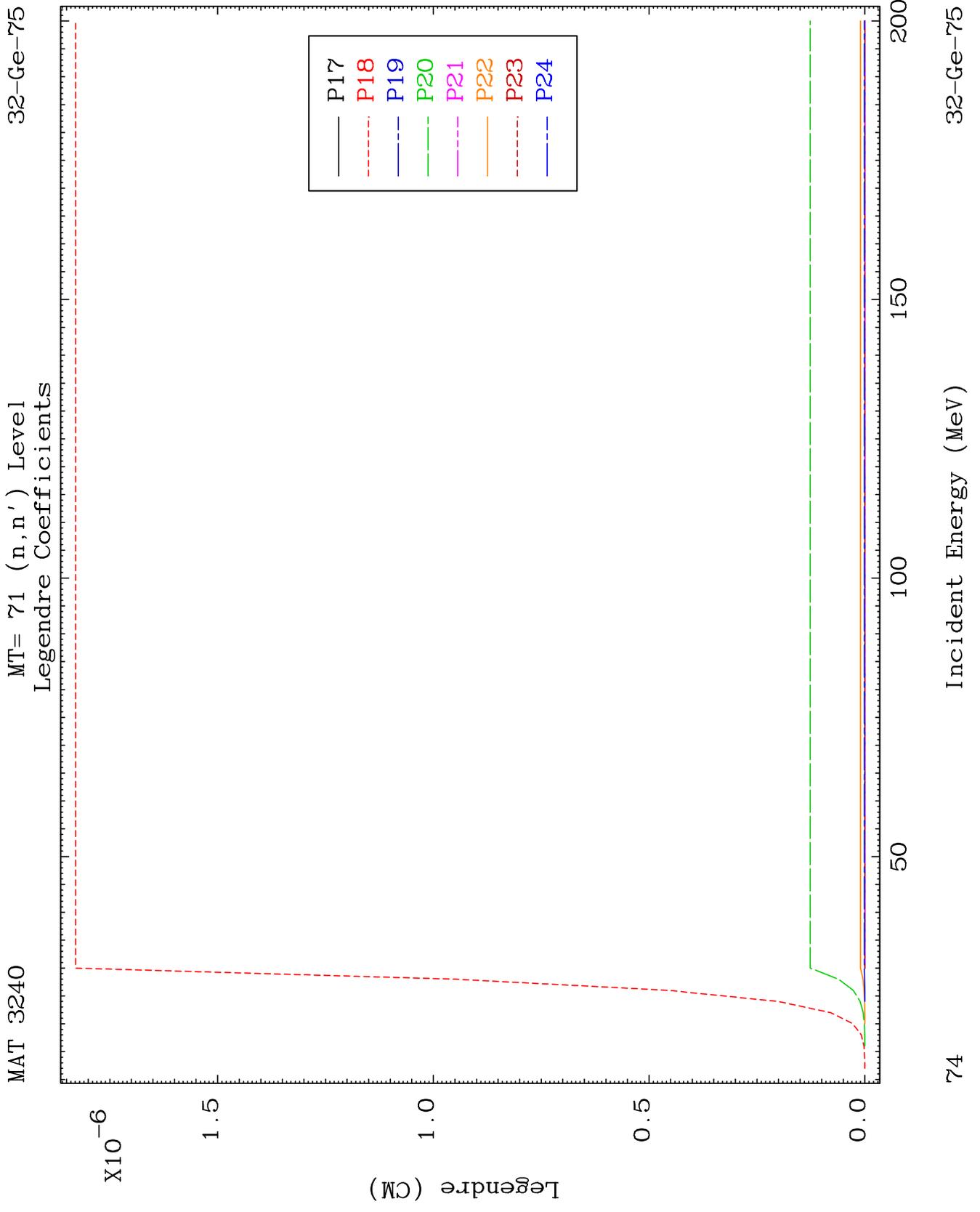
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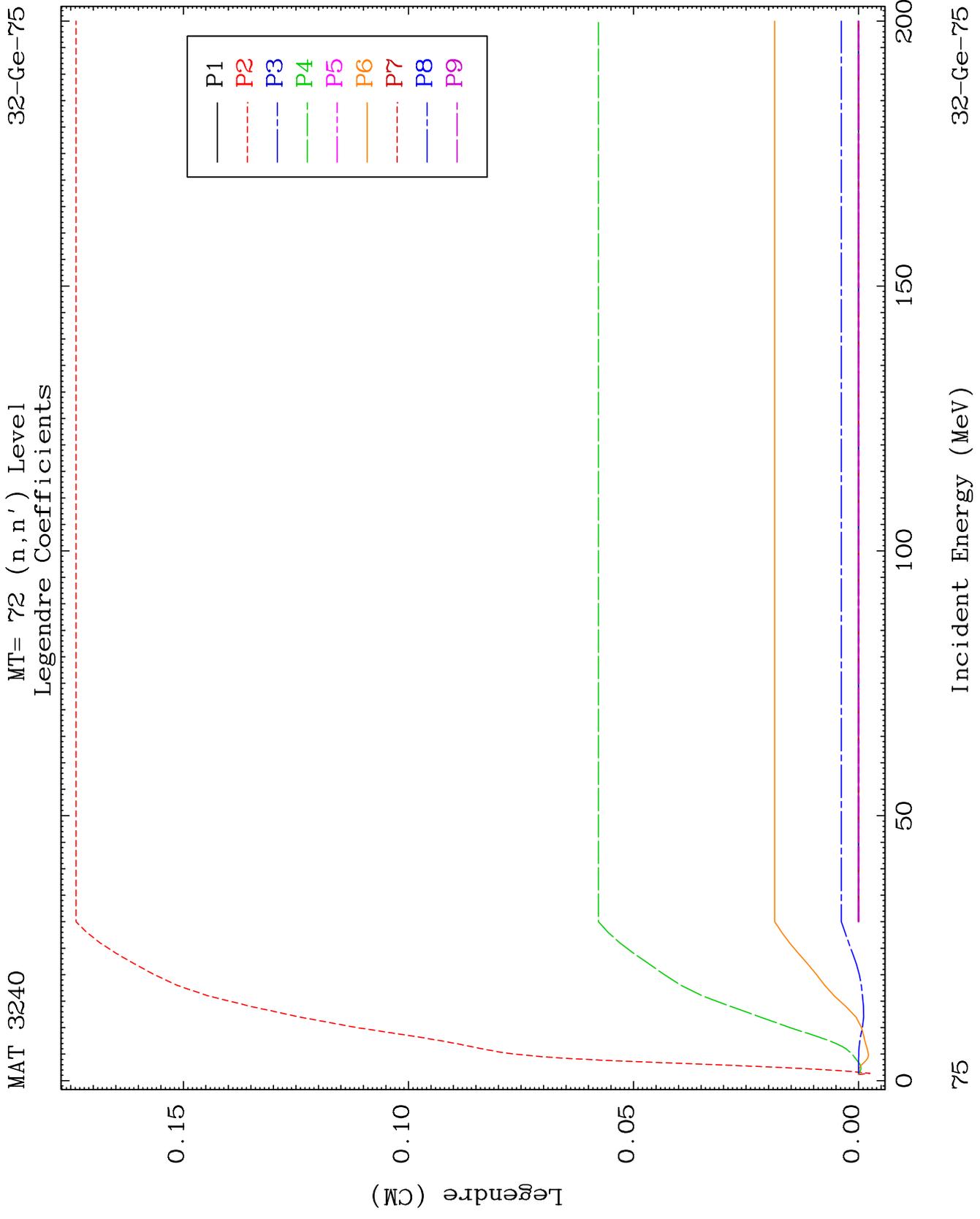
Incident Energy (MeV)

32-Ge-75





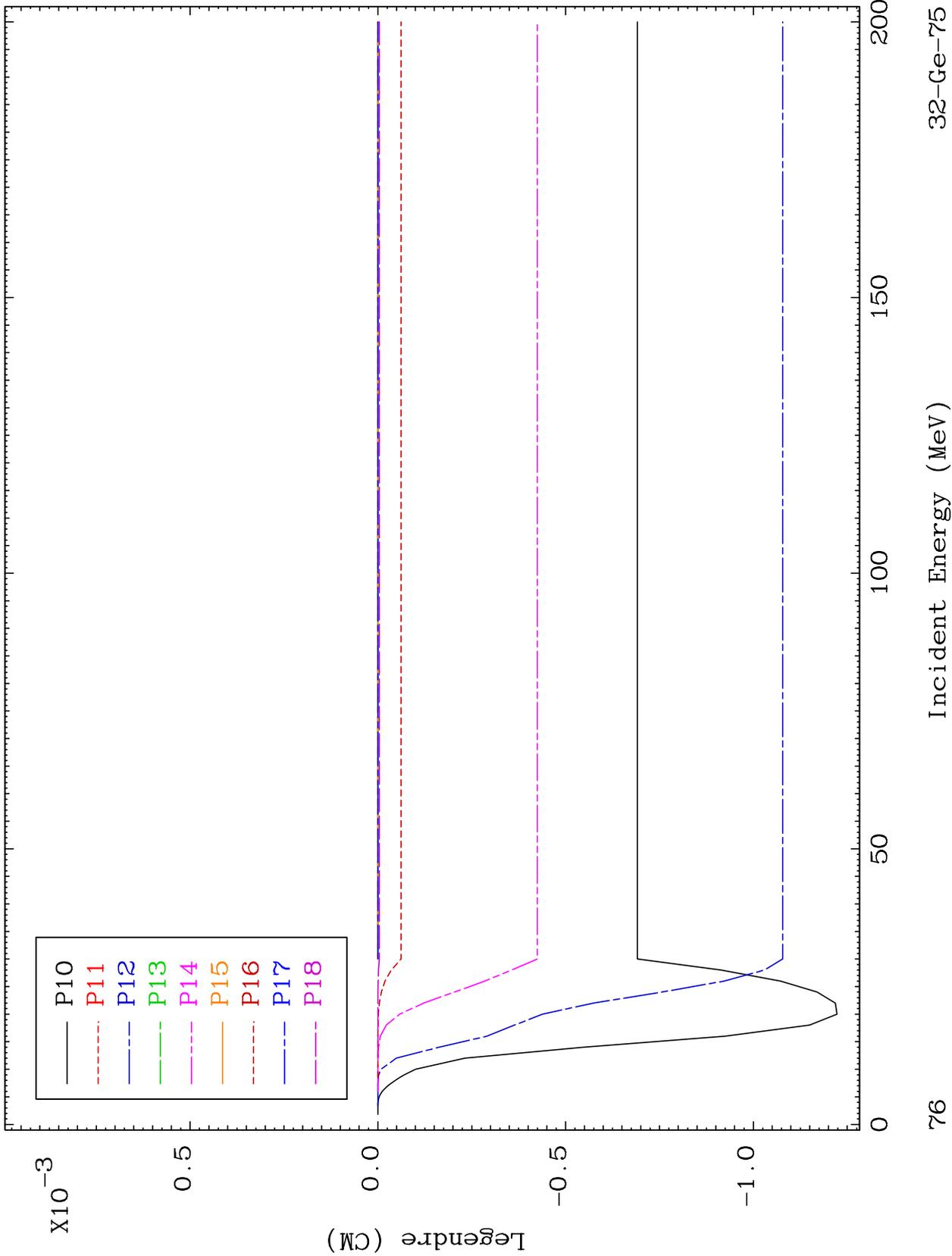




MAT 3240

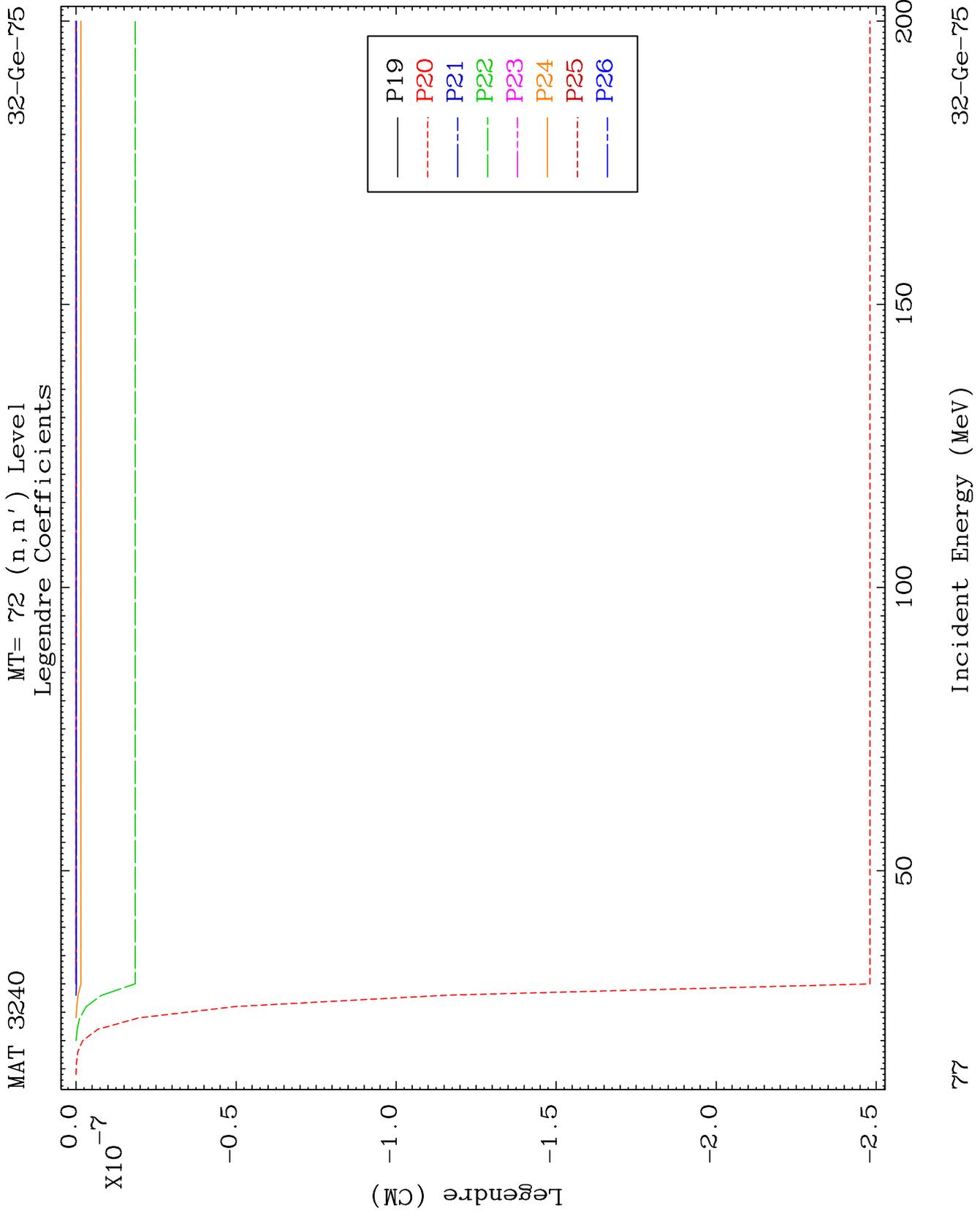
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Legendre Coefficients

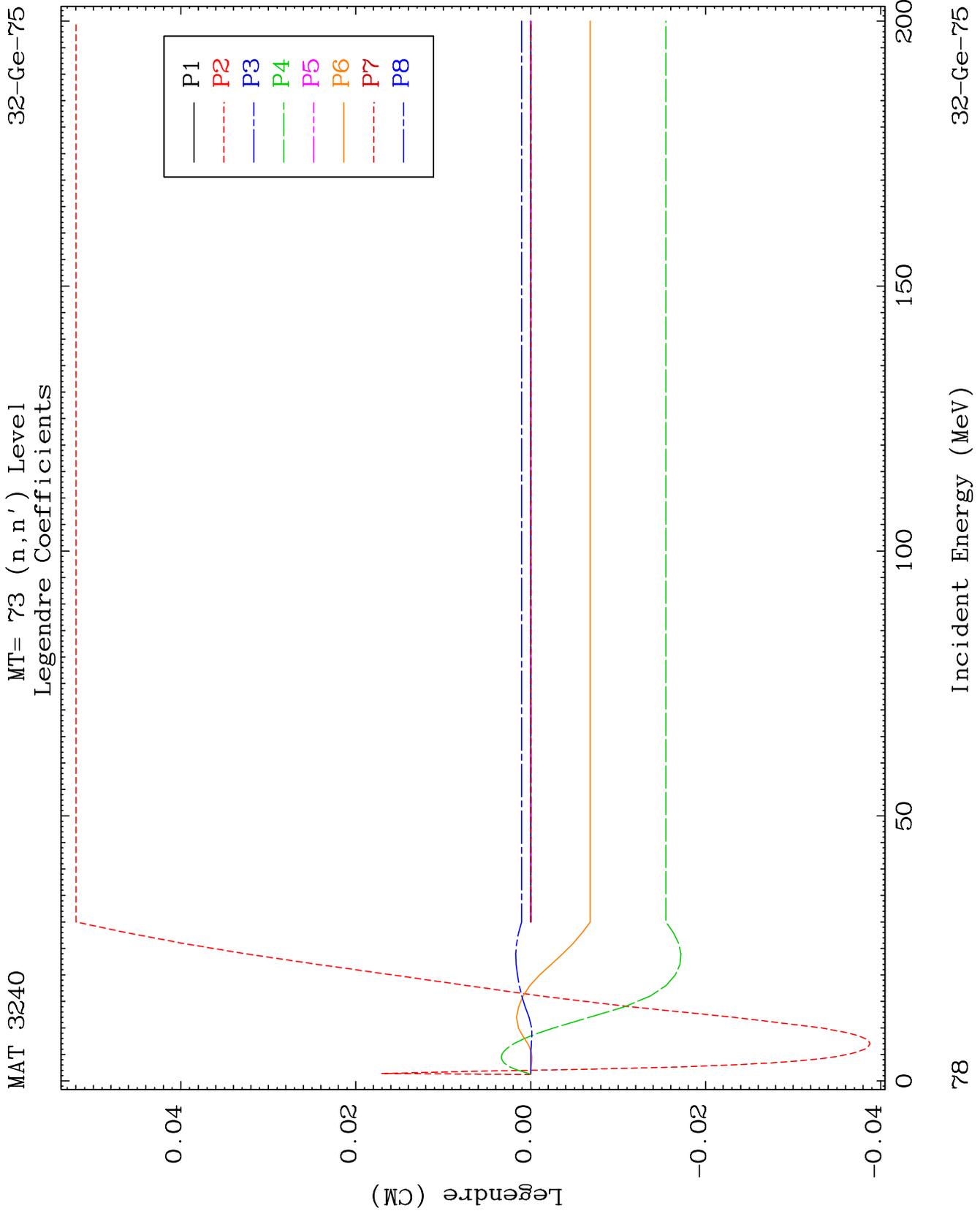
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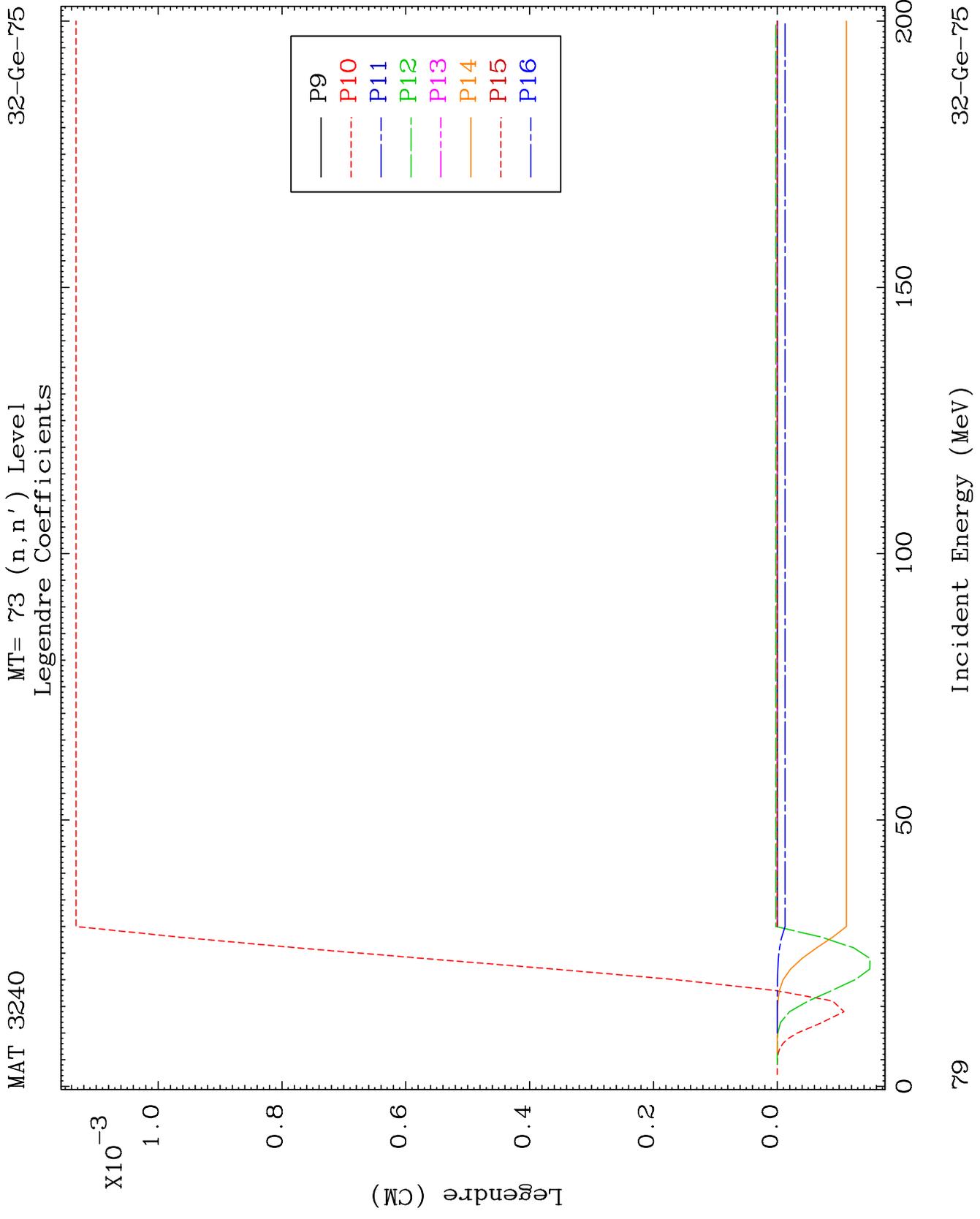


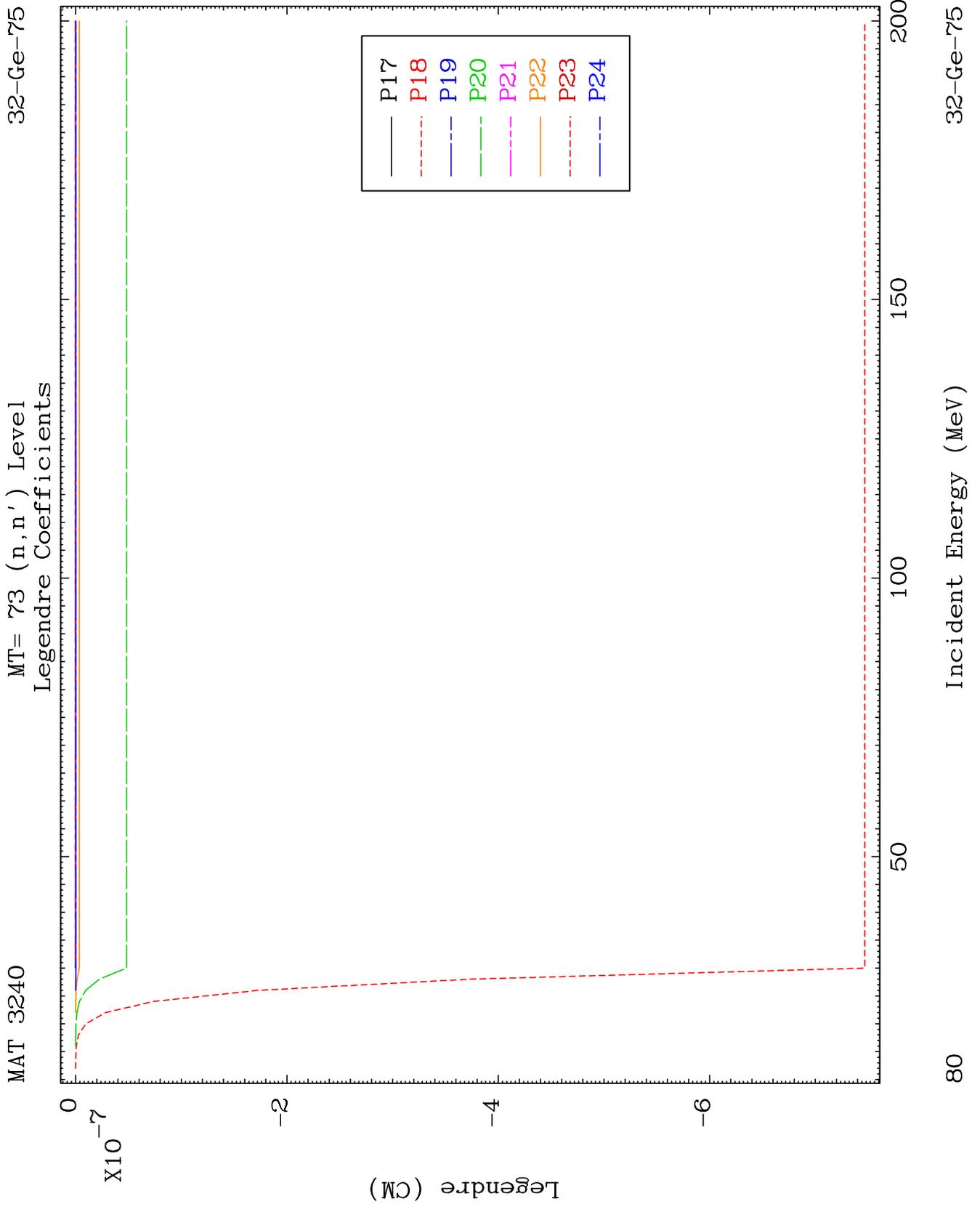
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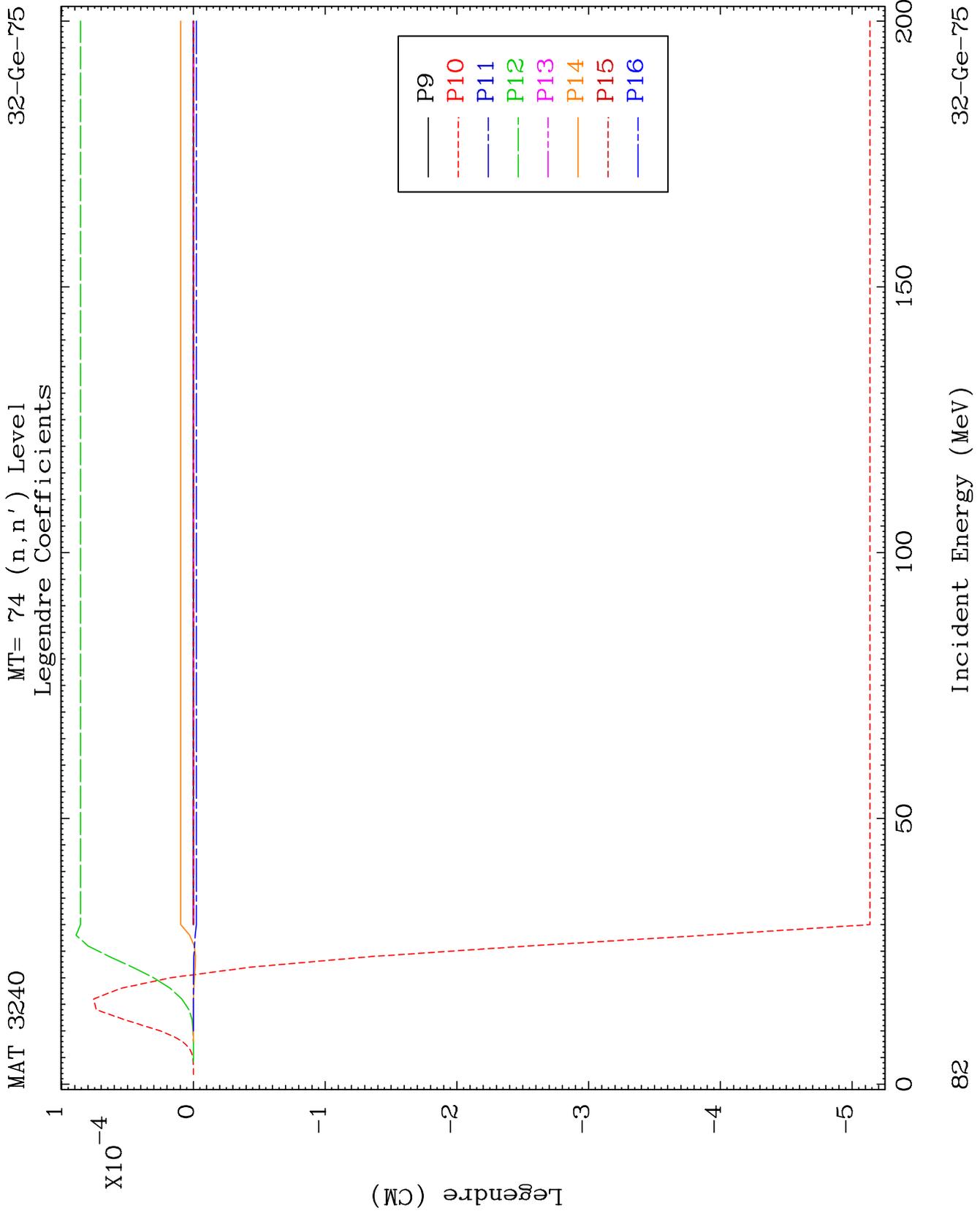
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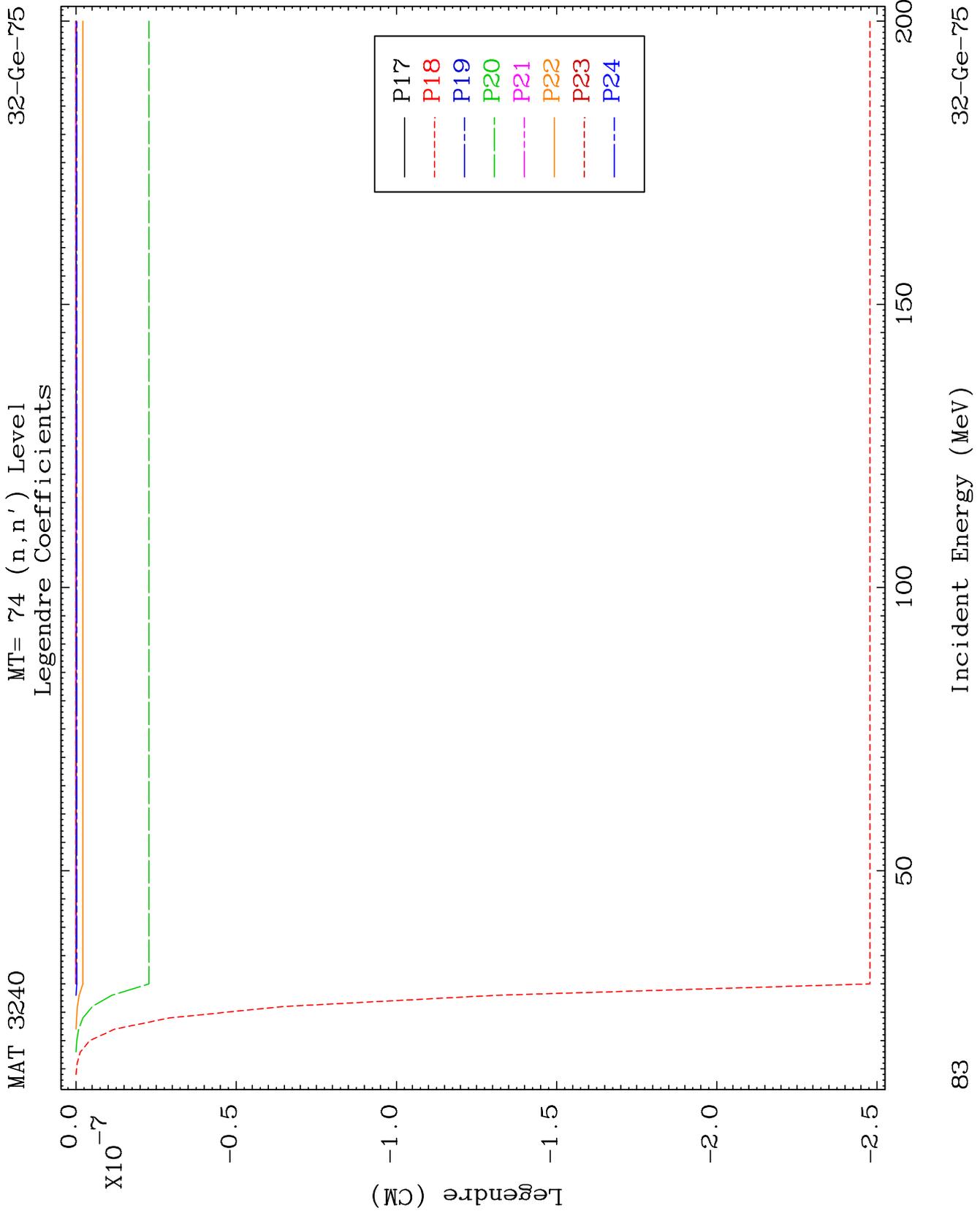


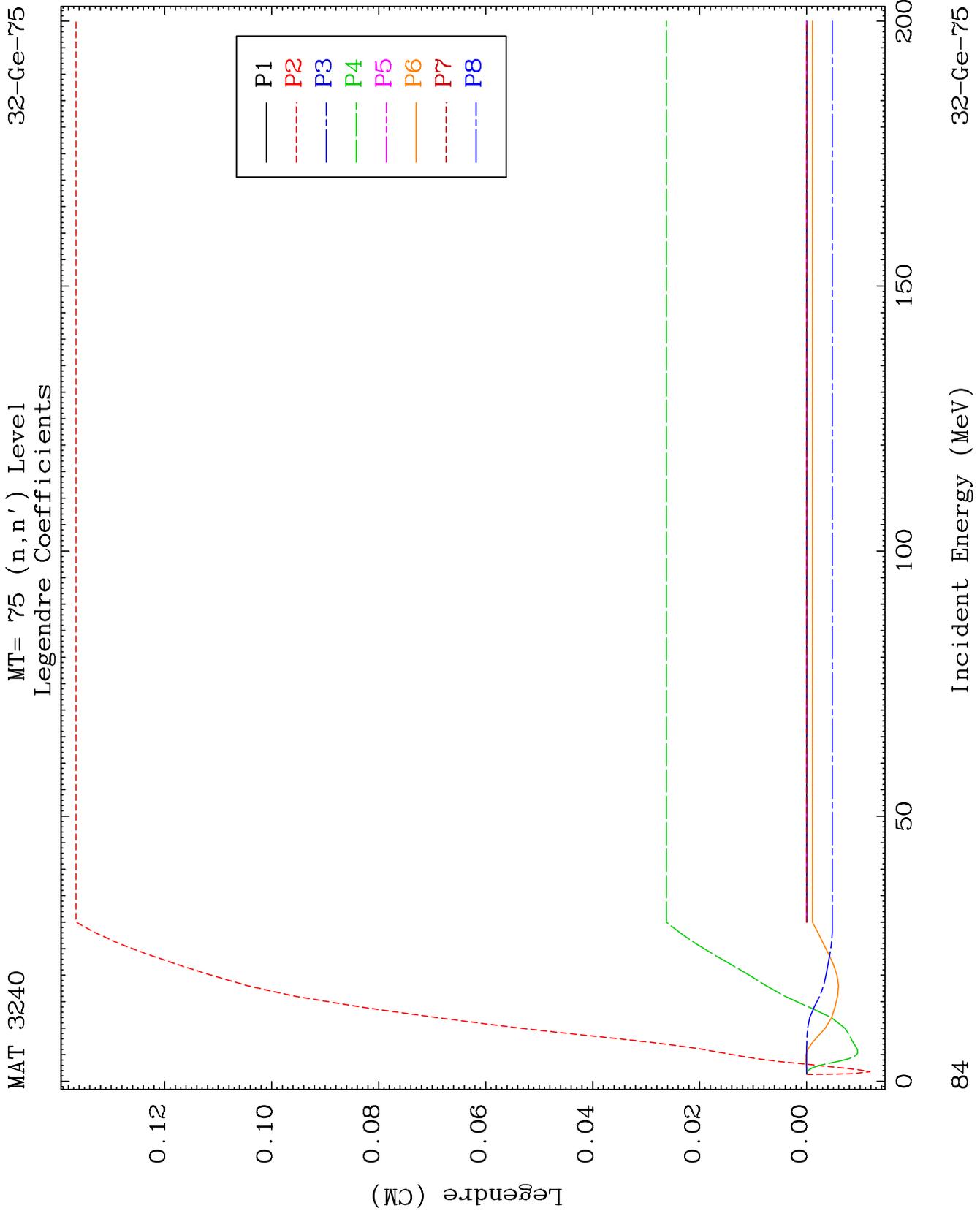


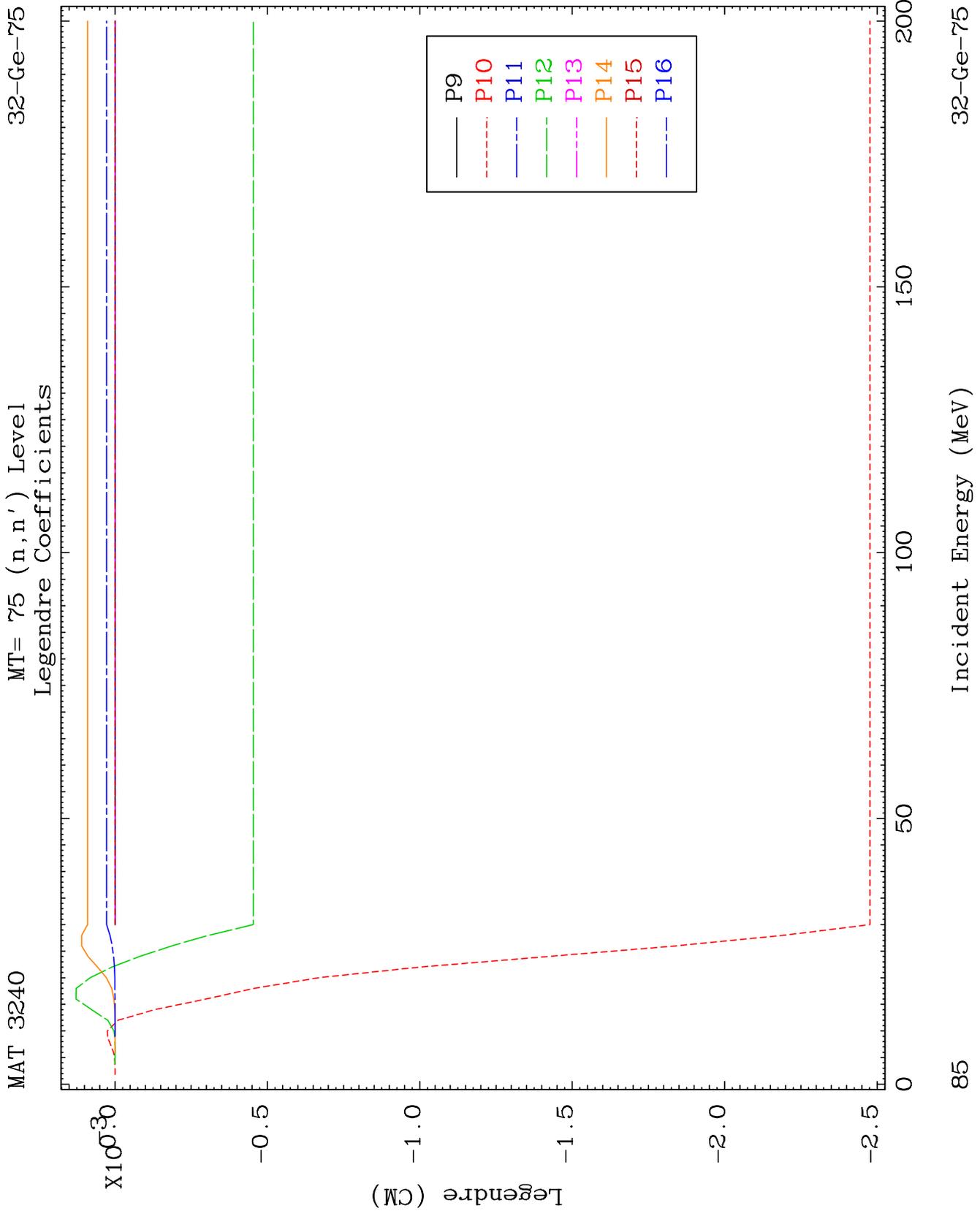


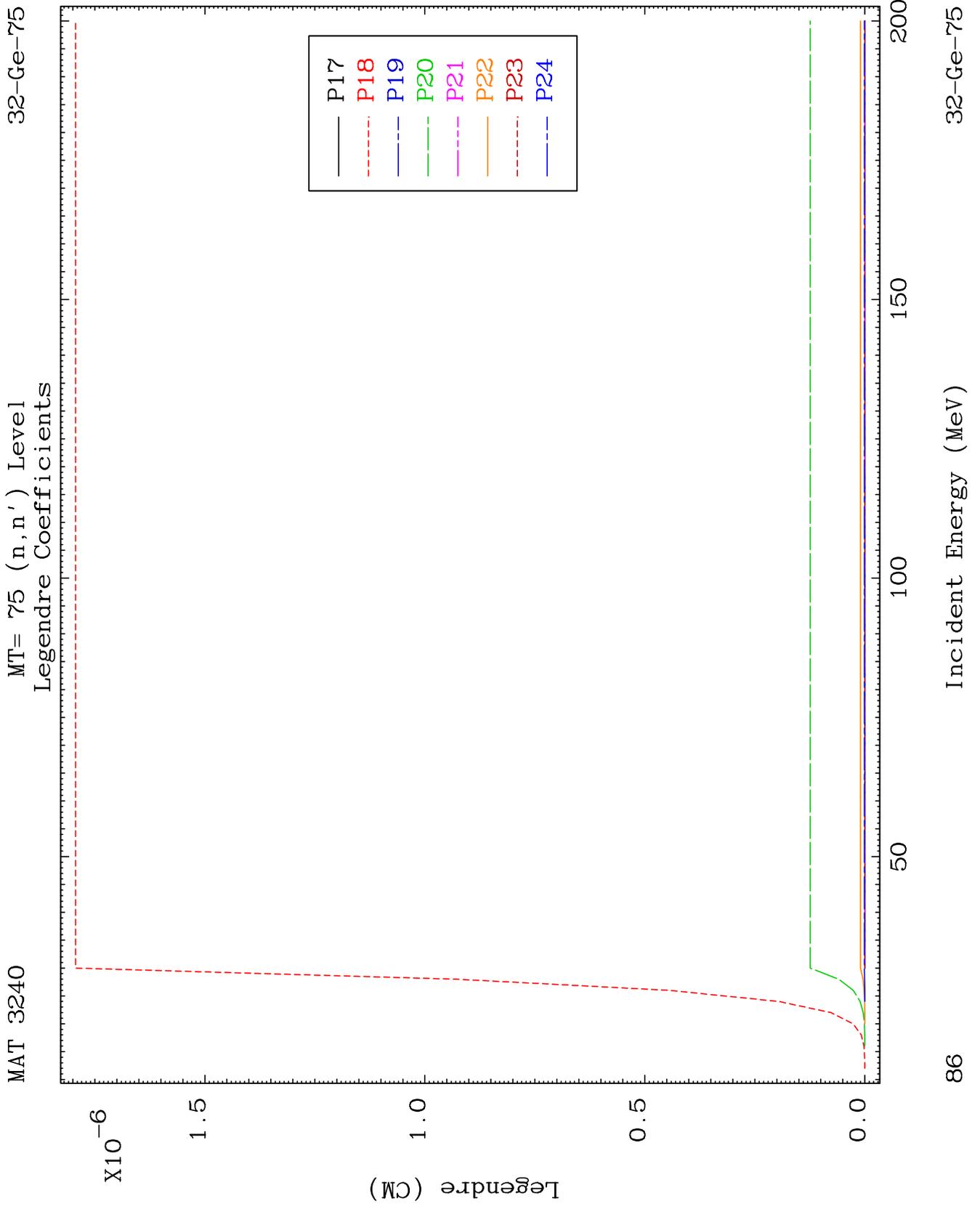


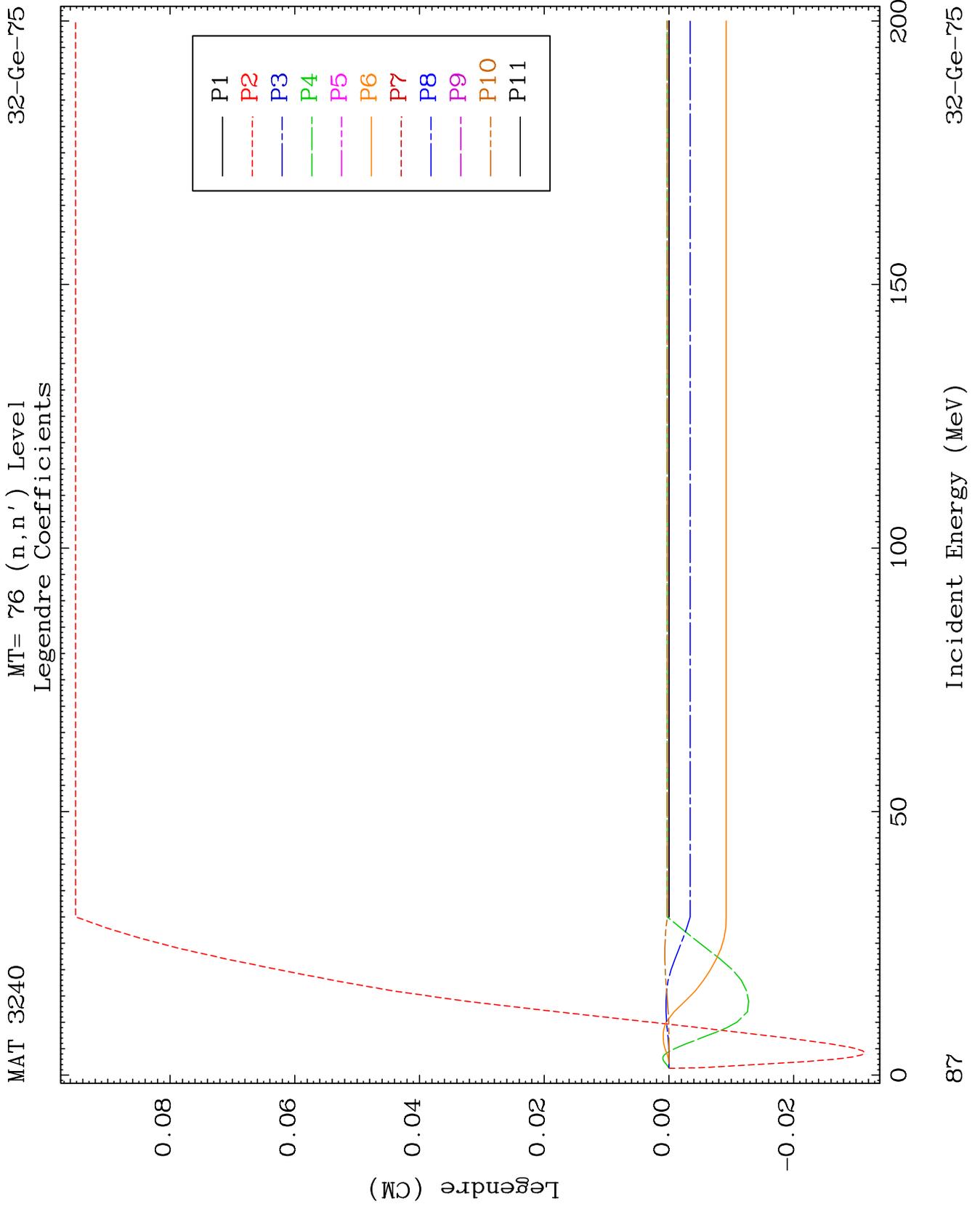








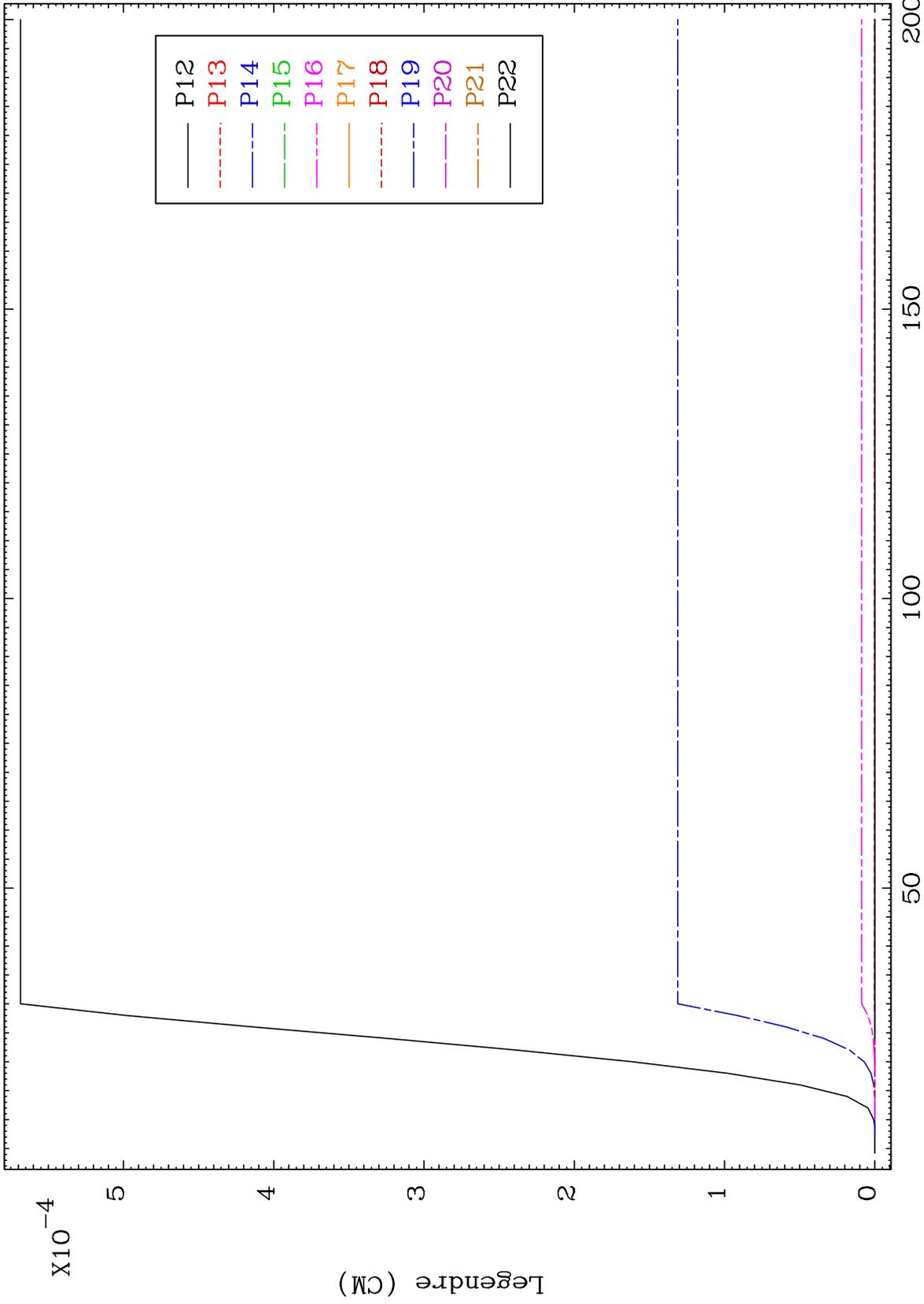




MAT 3240

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

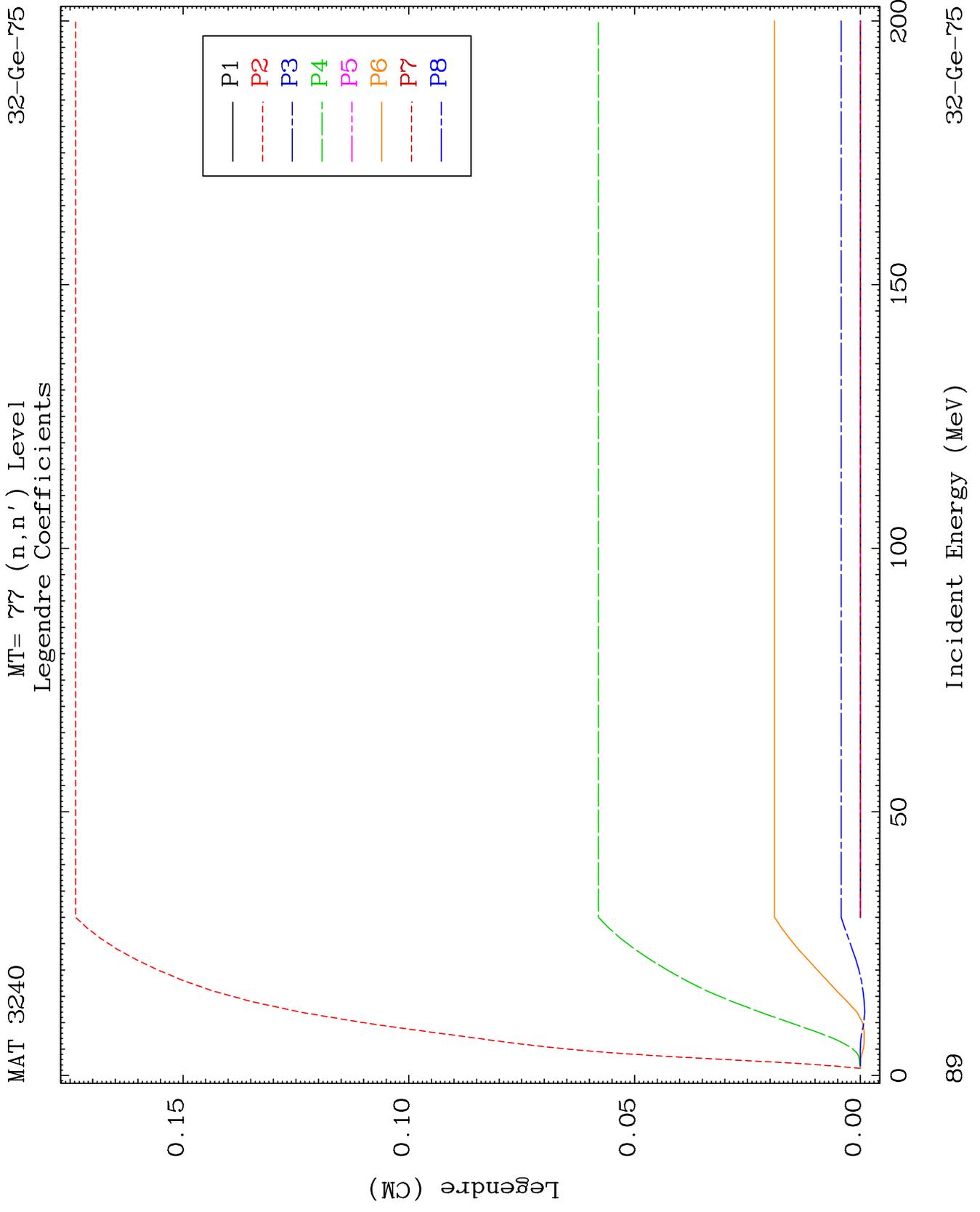
32-Ge-75

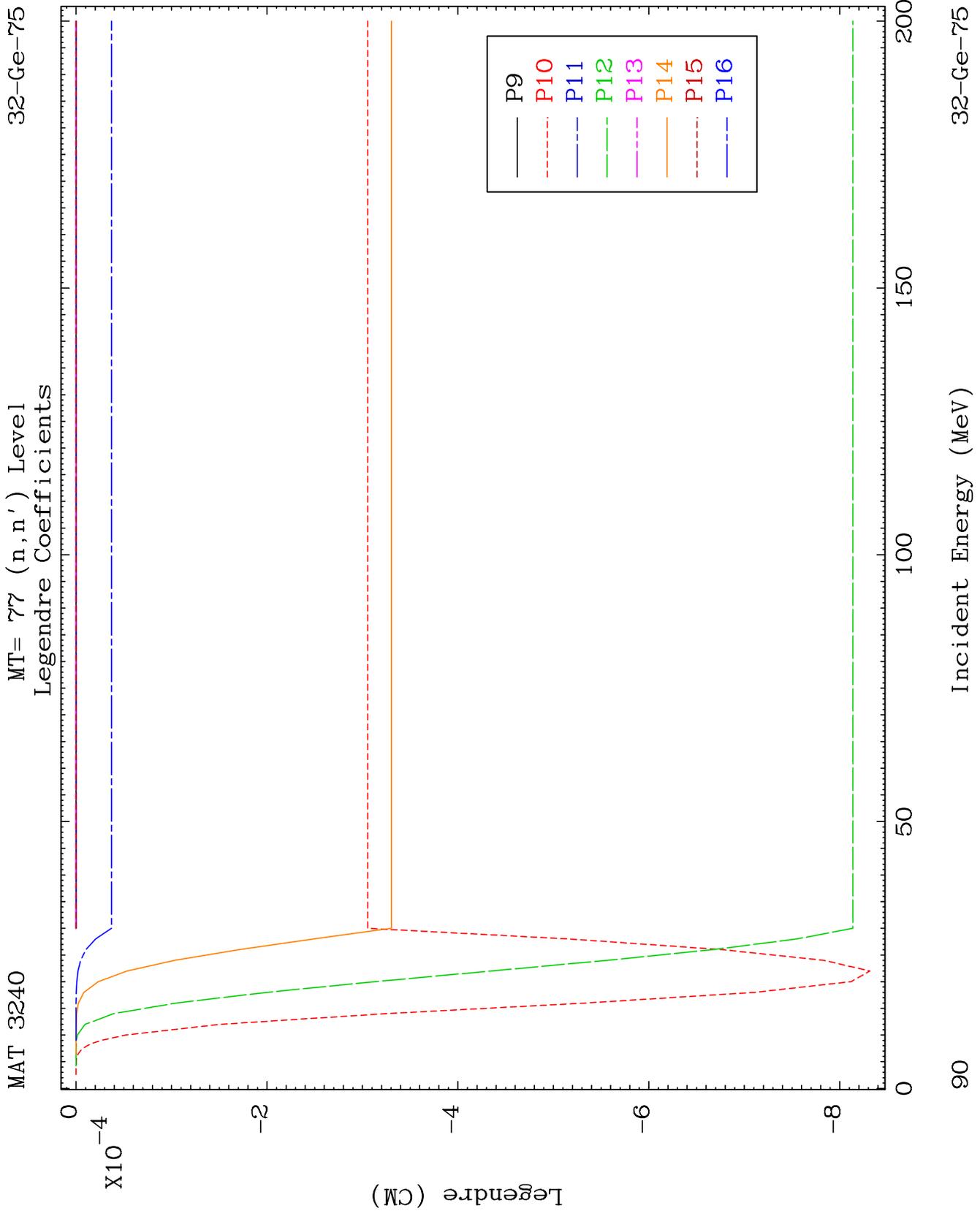


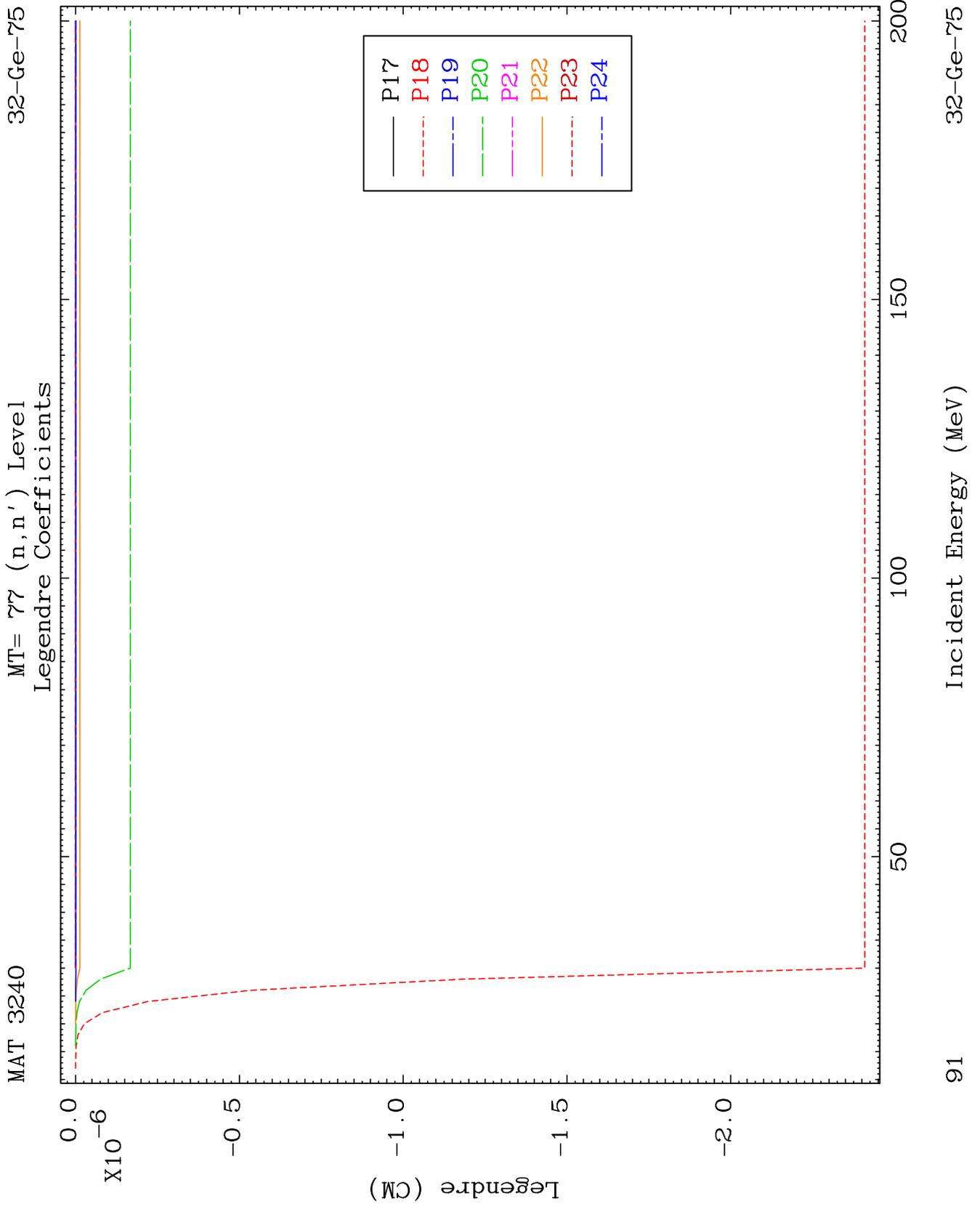
88

Incident Energy (MeV)

32-Ge-75



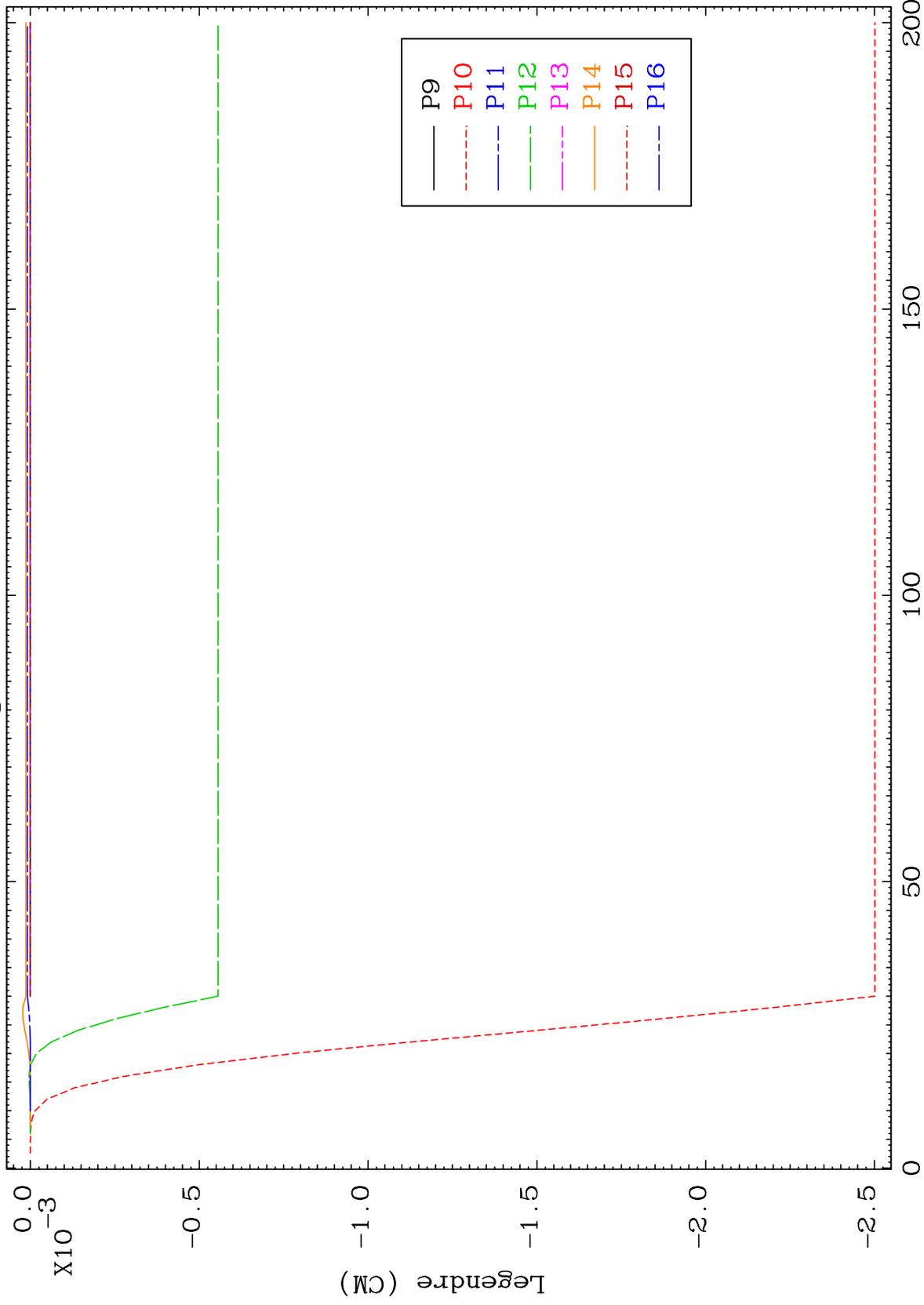




MAT 3240

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

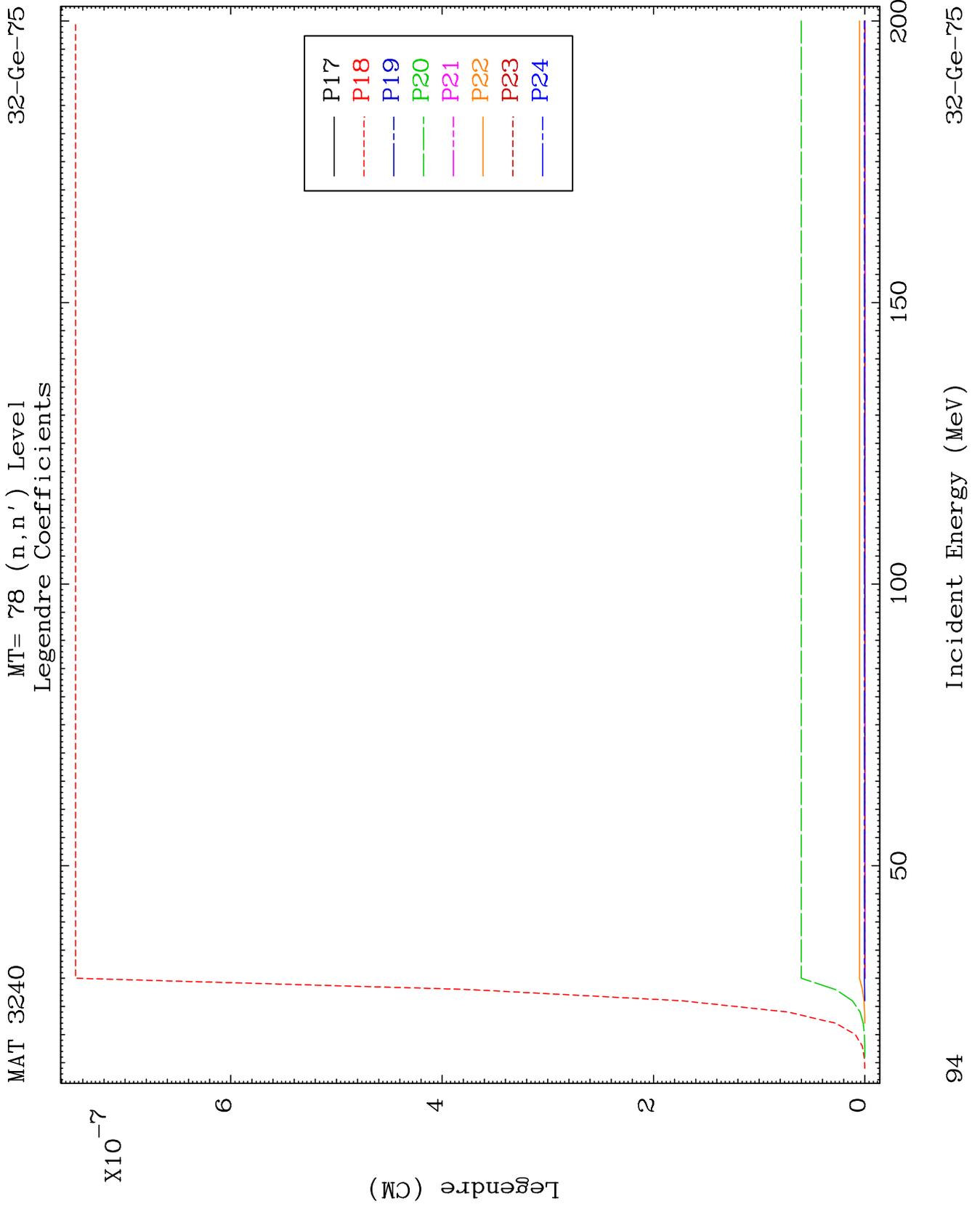
32-Ge-75

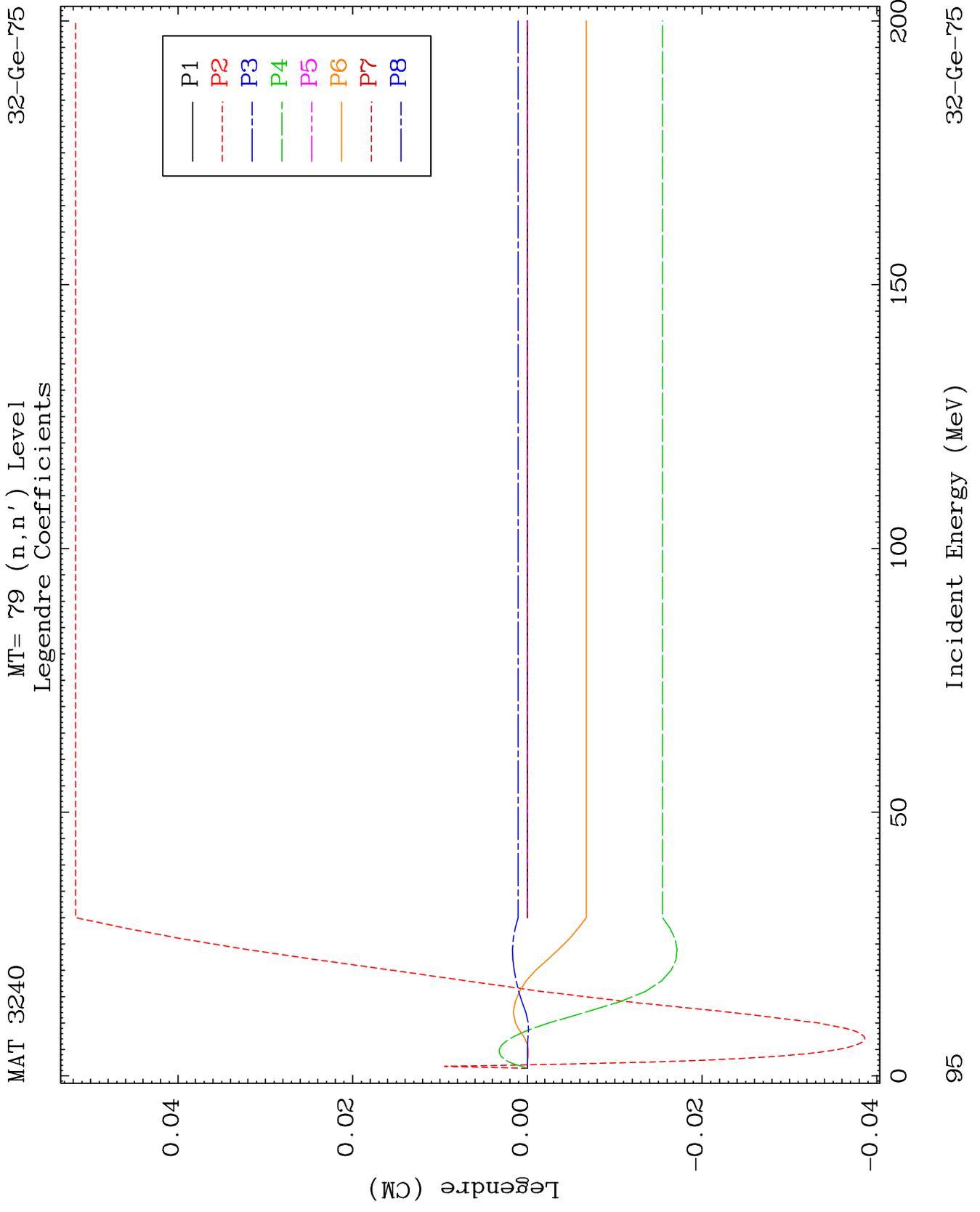


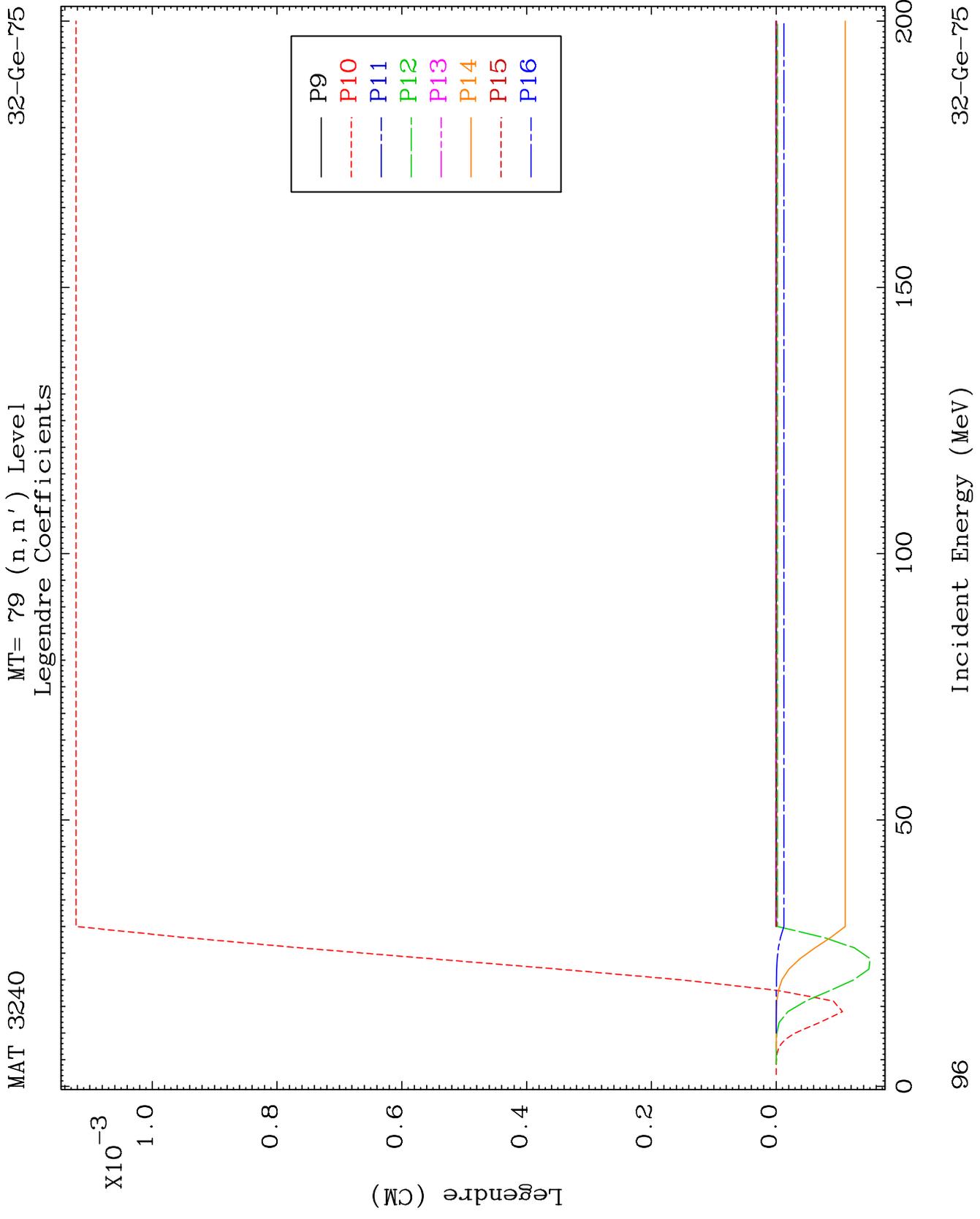
93

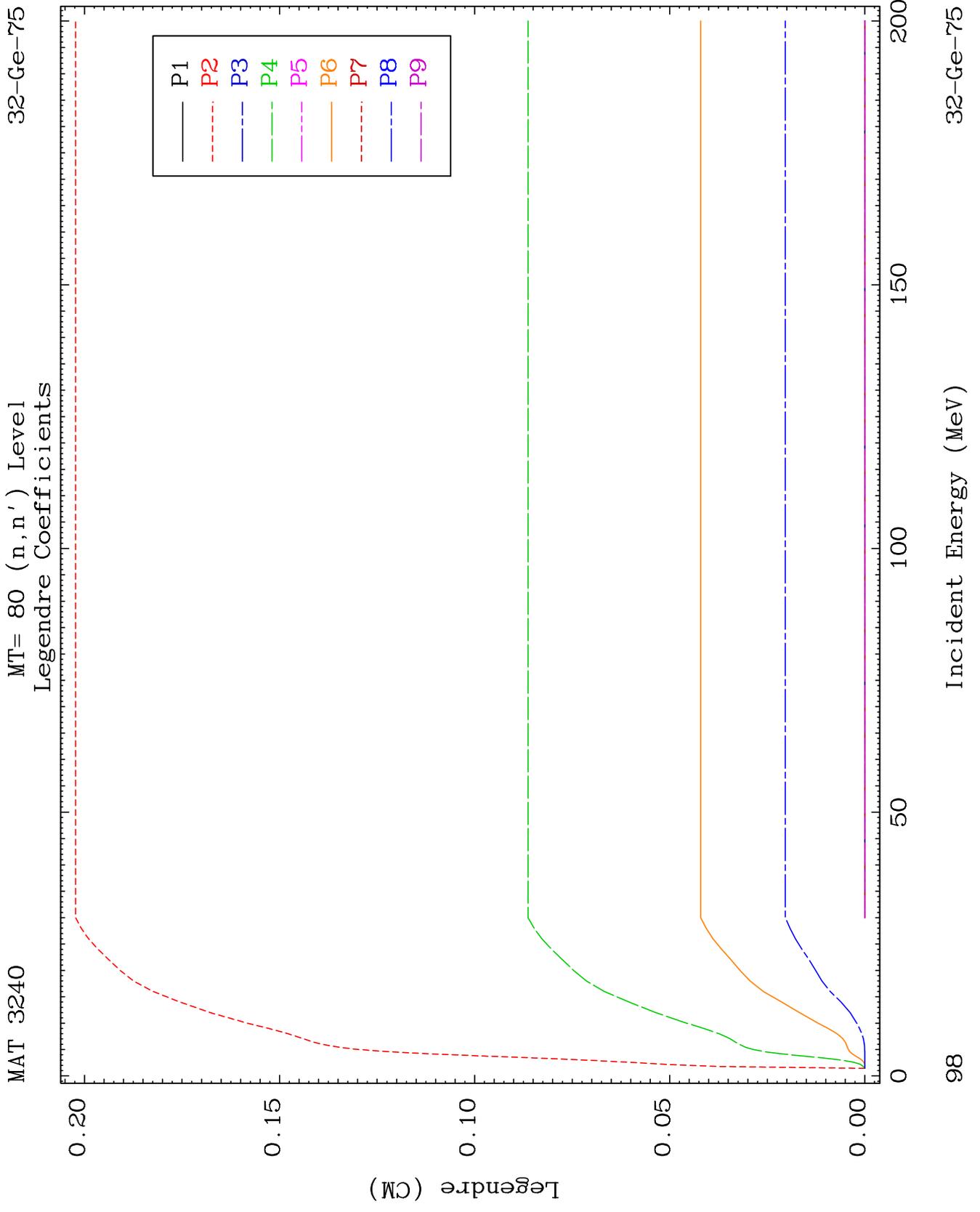
Incident Energy (MeV)

32-Ge-75





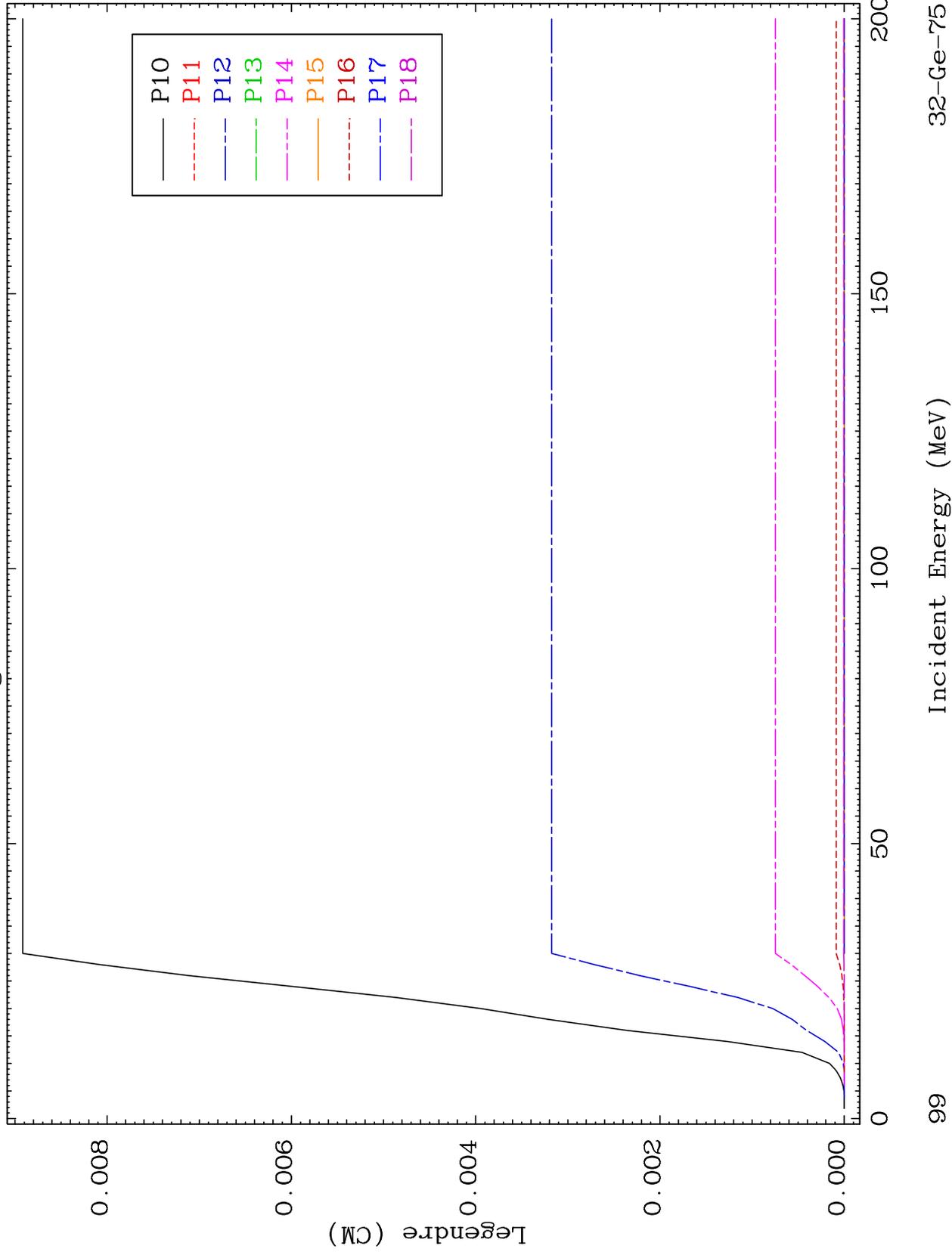




MAT 3240

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

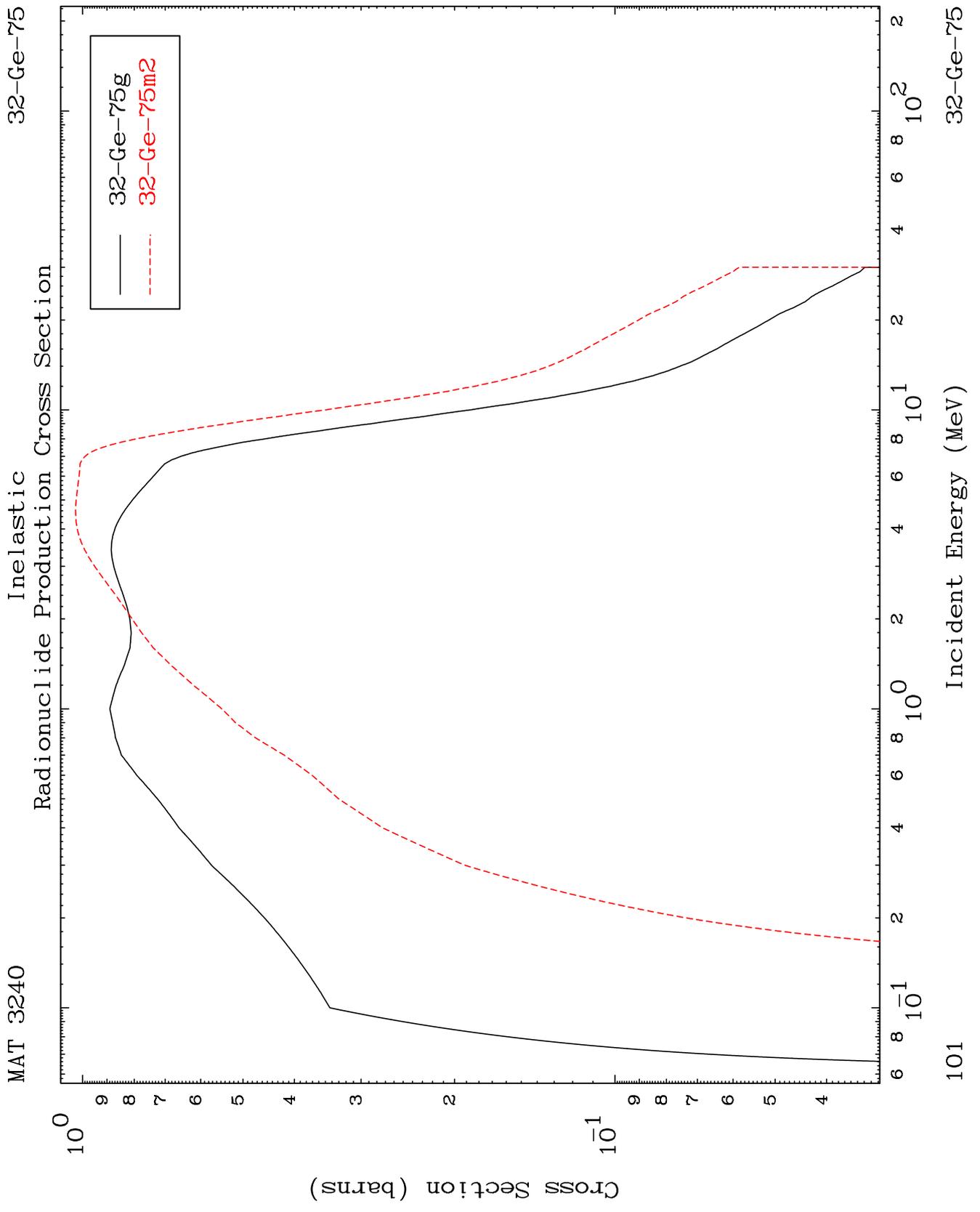
32-Ge-75



99

Incident Energy (MeV)

32-Ge-75

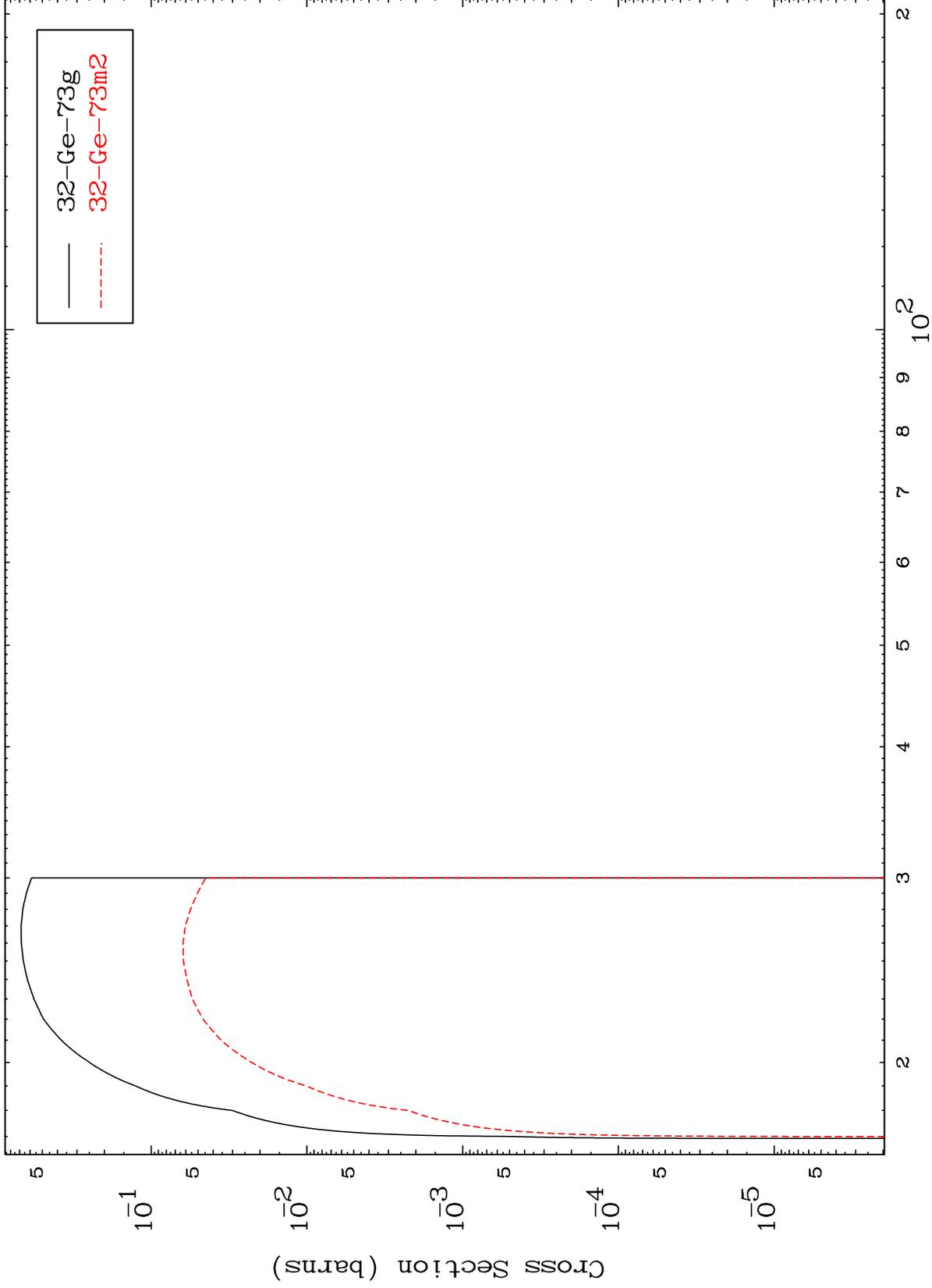


MAT 3240

(n, 3n)

³²Ge-75

Radionuclide Production Cross Section



102

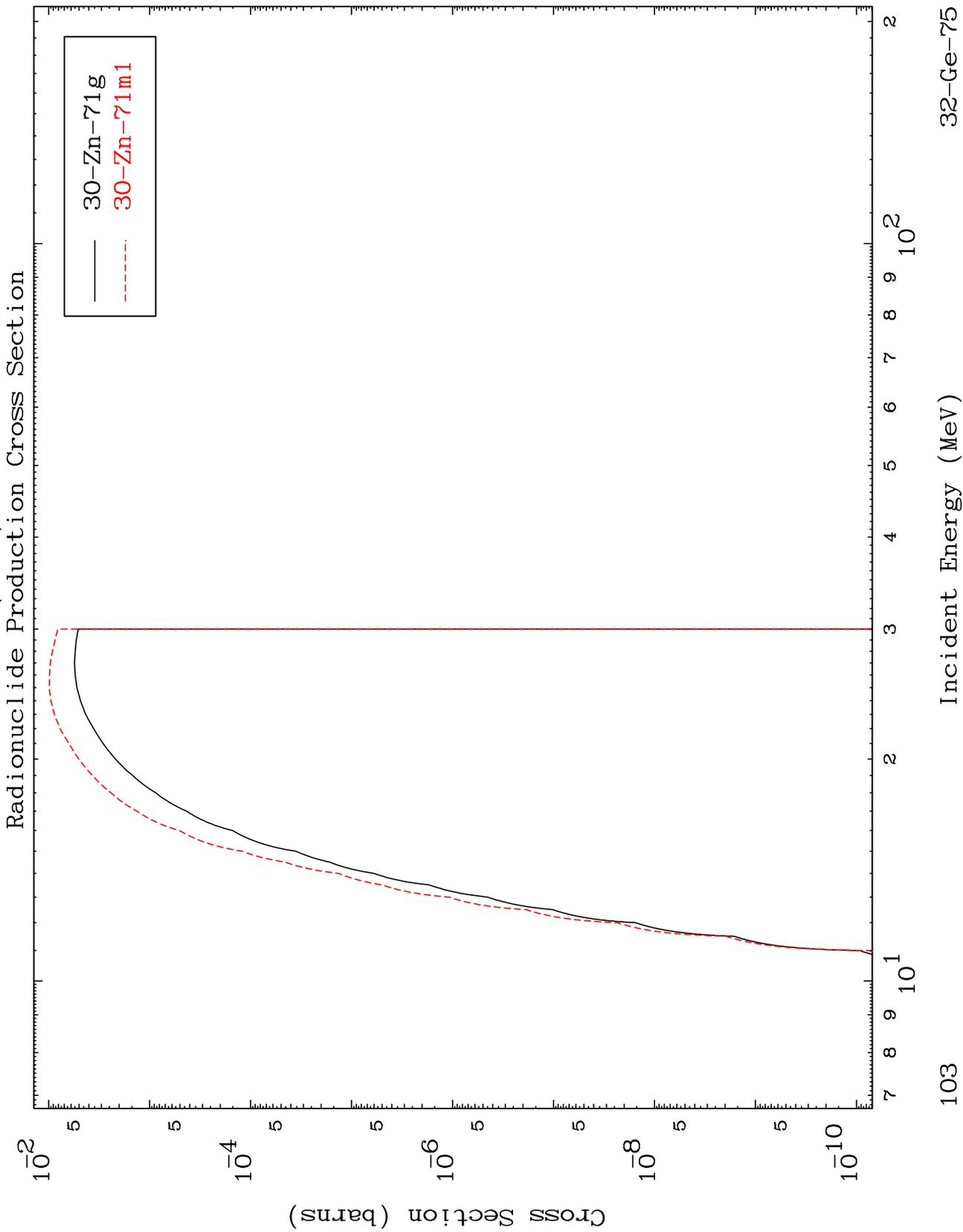
Incident Energy (MeV)

³²Ge-75

MAT 3240

$(n, n') \alpha$

$^{32}\text{Ge-75}$



103

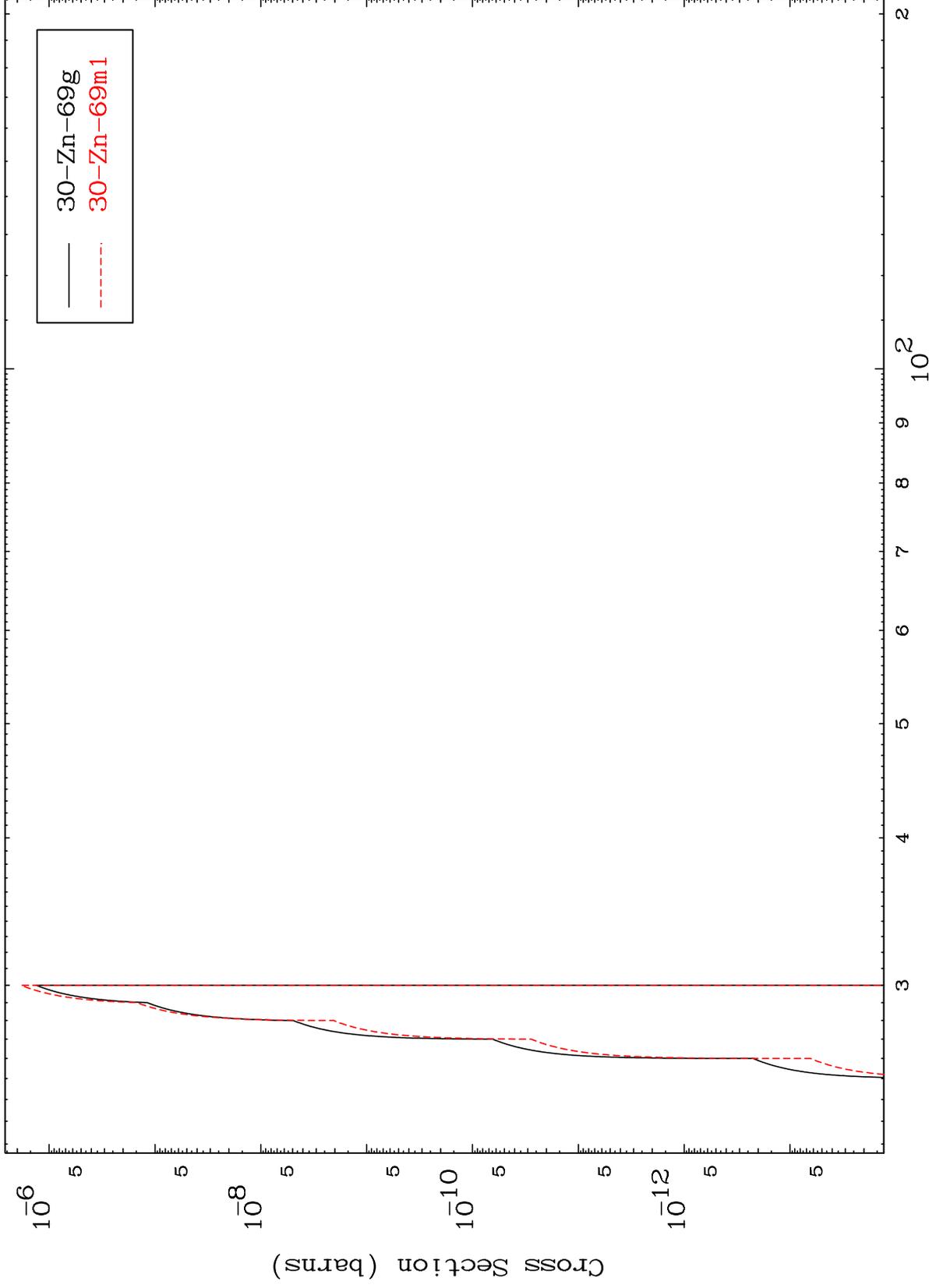
$^{32}\text{Ge-75}$

MAT 3240

$(n,3n) \alpha$

$^{32}\text{Ge-75}$

Radionuclide Production Cross Section



104

Incident Energy (MeV)

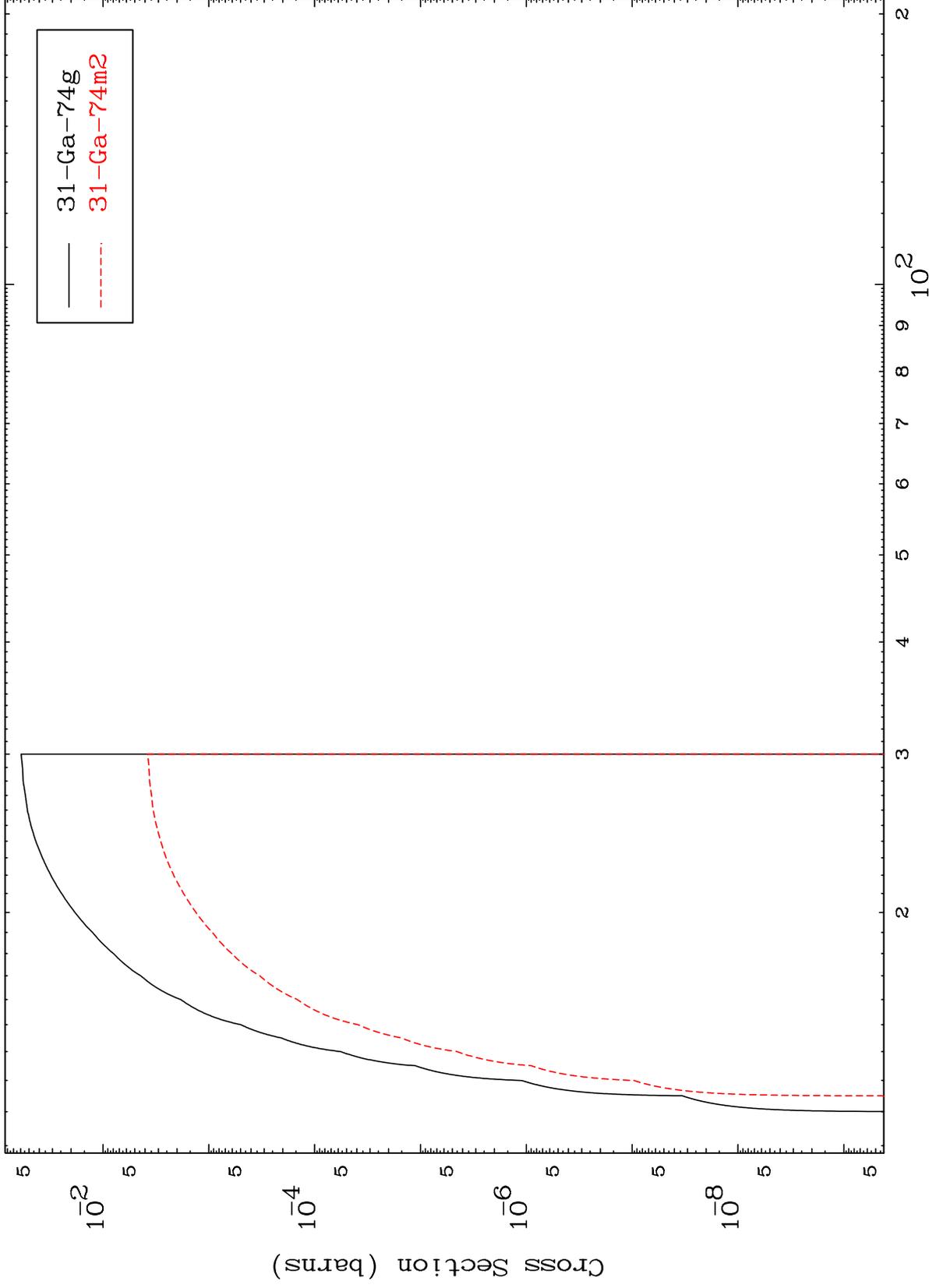
$^{32}\text{Ge-75}$

MAT 3240

(n, n') p

$^{32}\text{Ge-75}$

Radionuclide Production Cross Section



105

Incident Energy (MeV)

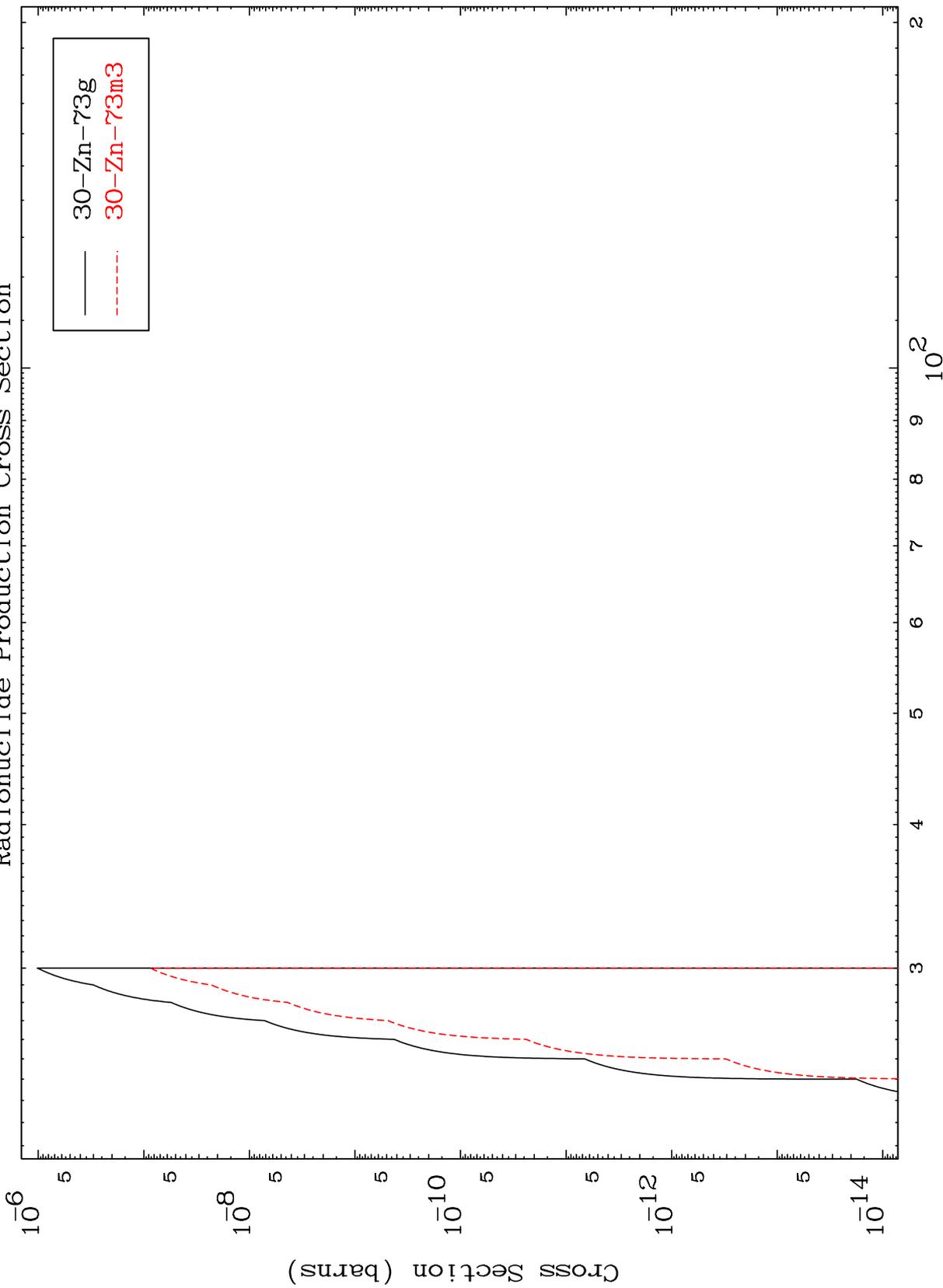
$^{32}\text{Ge-75}$

MAT 3240

(n,2n) p

32-Ge-75

Radionuclide Production Cross Section



30-Zn-73g
30-Zn-73m3

106

Incident Energy (MeV)

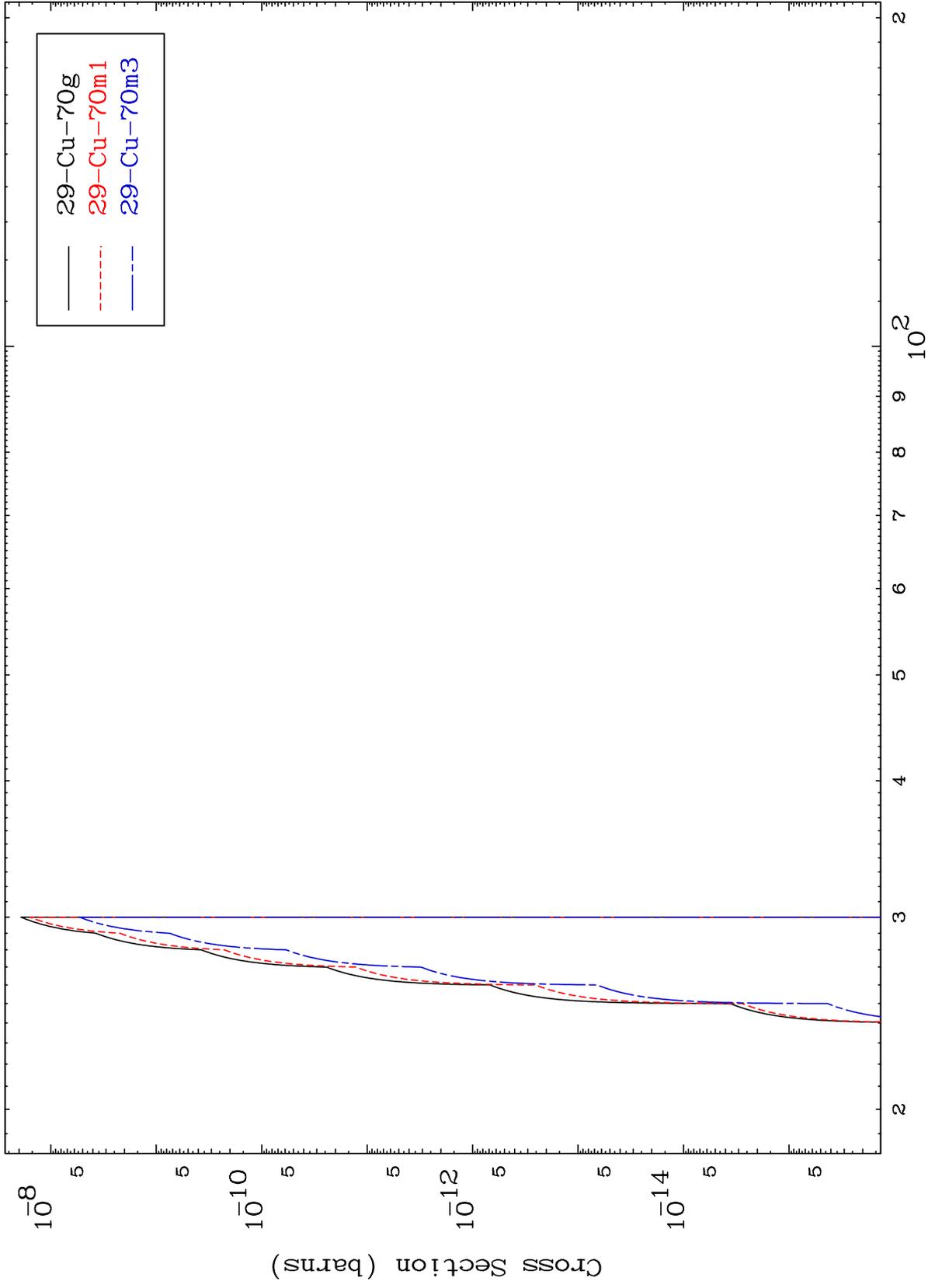
32-Ge-75

MAT 3240

(n,n') p α

32-Ge-75

Radionuclide Production Cross Section



107

Incident Energy (MeV)

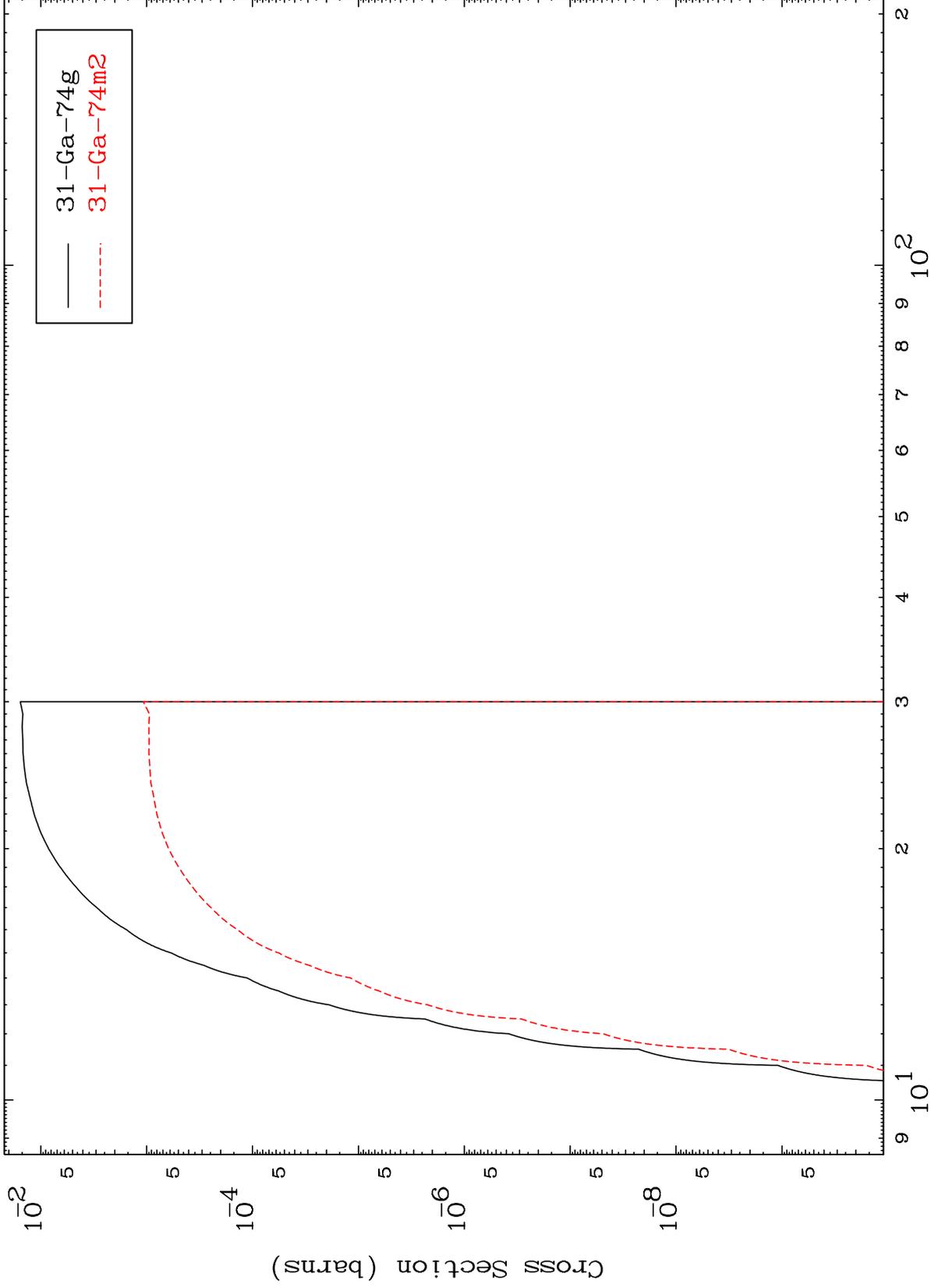
32-Ge-75

MAT 3240

(n,d)

³²Ge-75

Radionuclide Production Cross Section



Incident Energy (MeV)

³²Ge-75

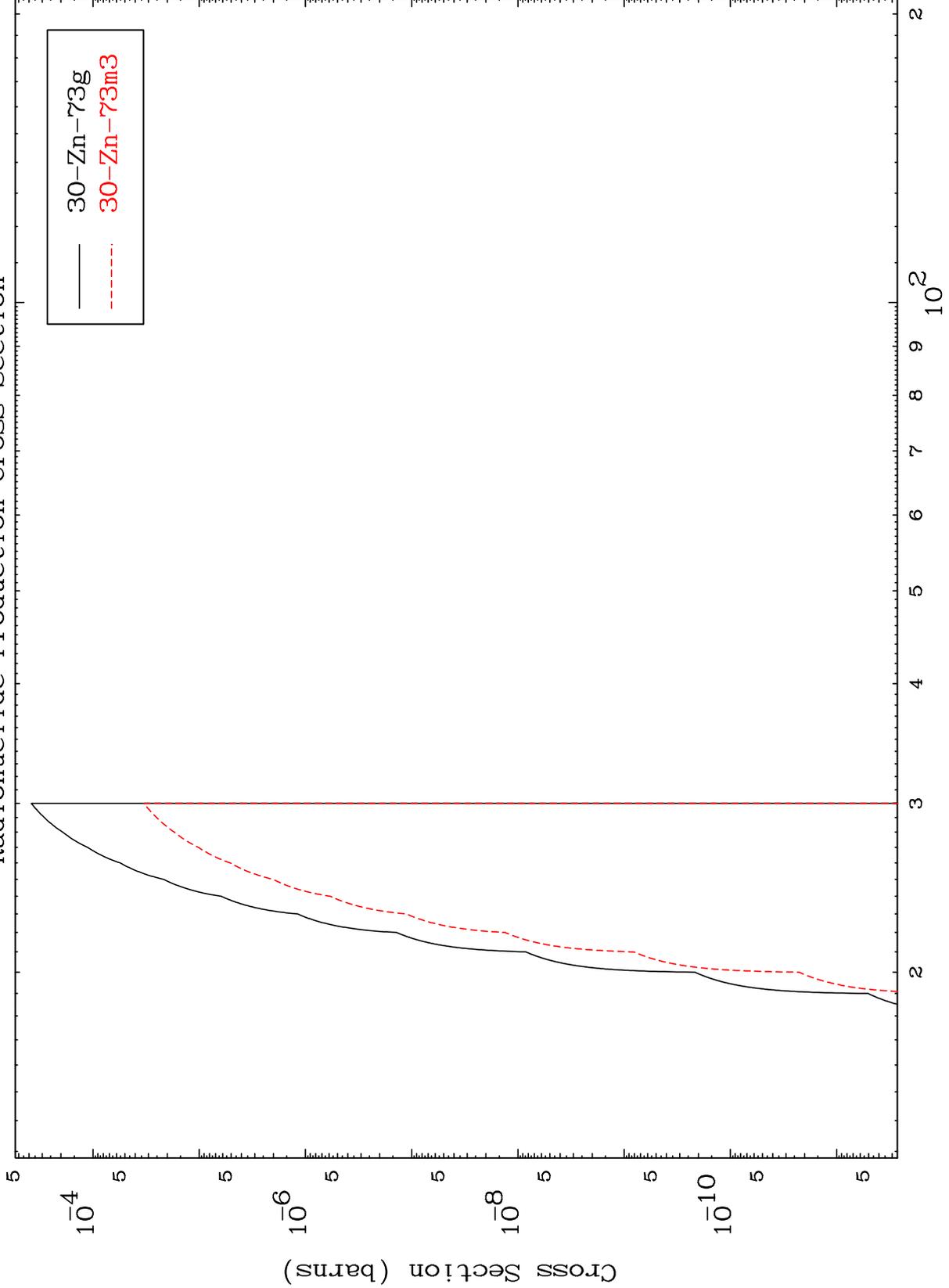
108

MAT 3240

(n,He-3)

32-Ge-75

Radionuclide Production Cross Section



109

Incident Energy (MeV)

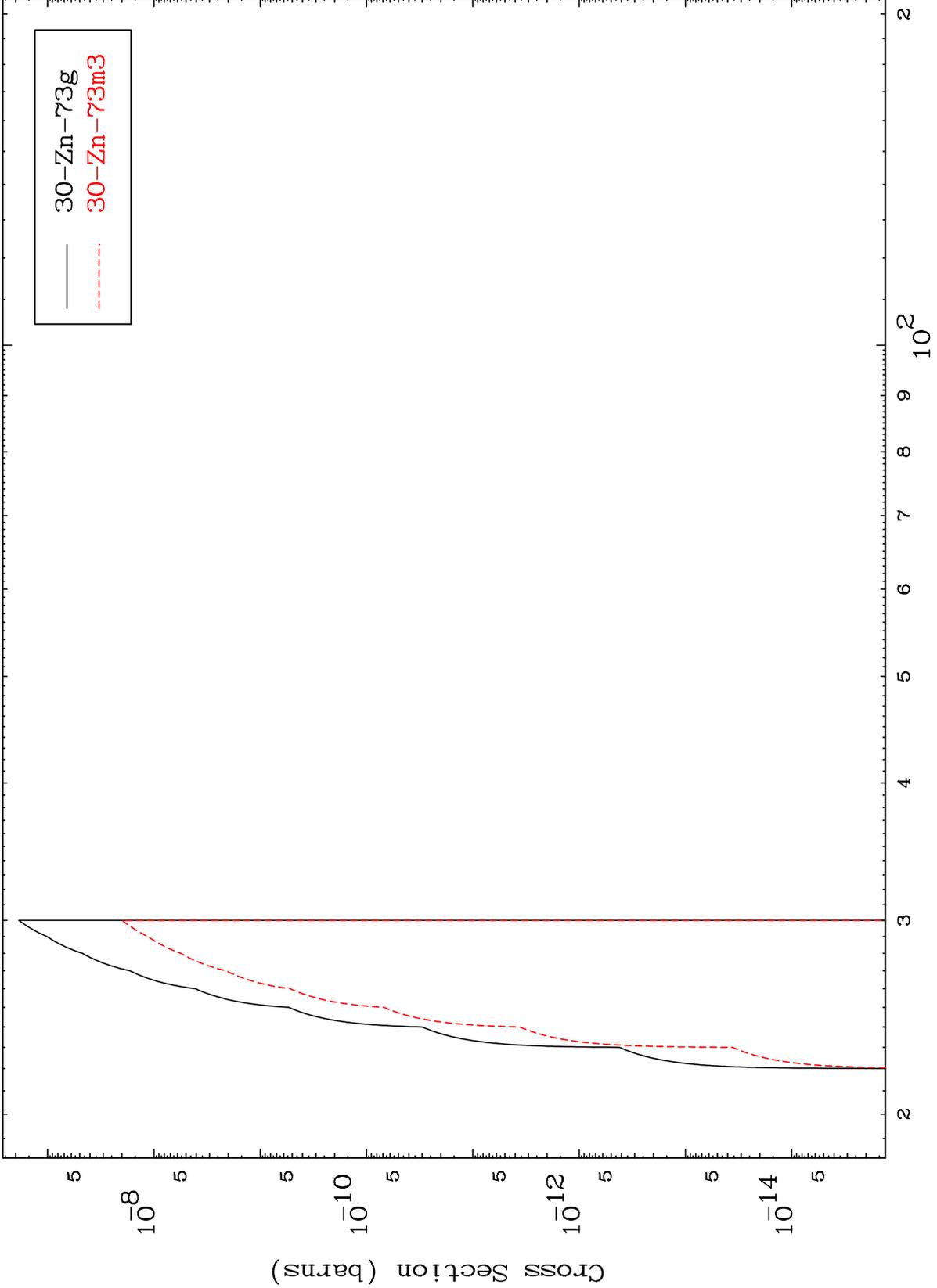
32-Ge-75

MAT 3240

(n,p) d

32-Ge-75

Radionuclide Production Cross Section



110

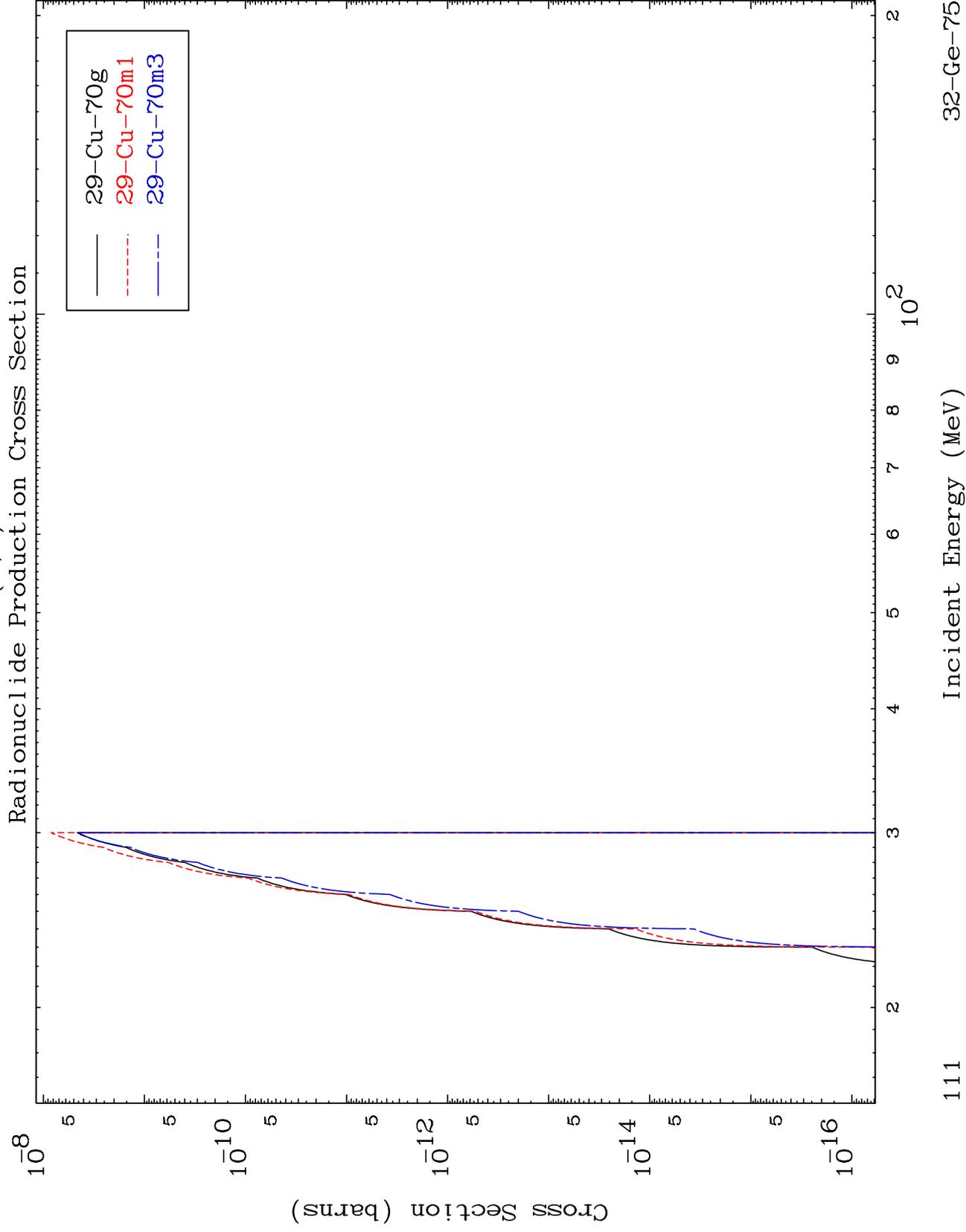
Incident Energy (MeV)

32-Ge-75

MAT 3240

(n,d) α

³²Ge-75



111