

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

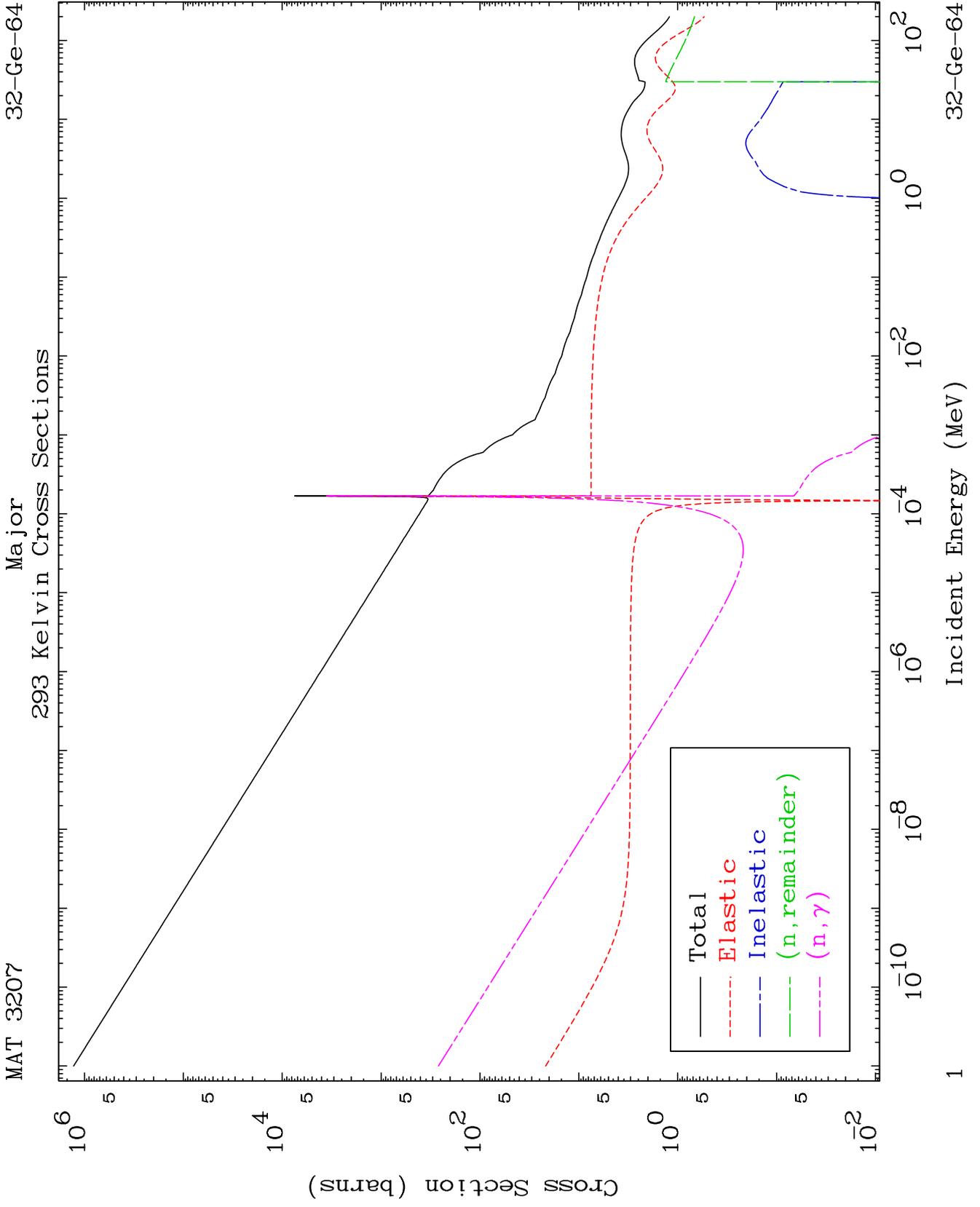
Dermott E. Cullen
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Livermore, CA 94550
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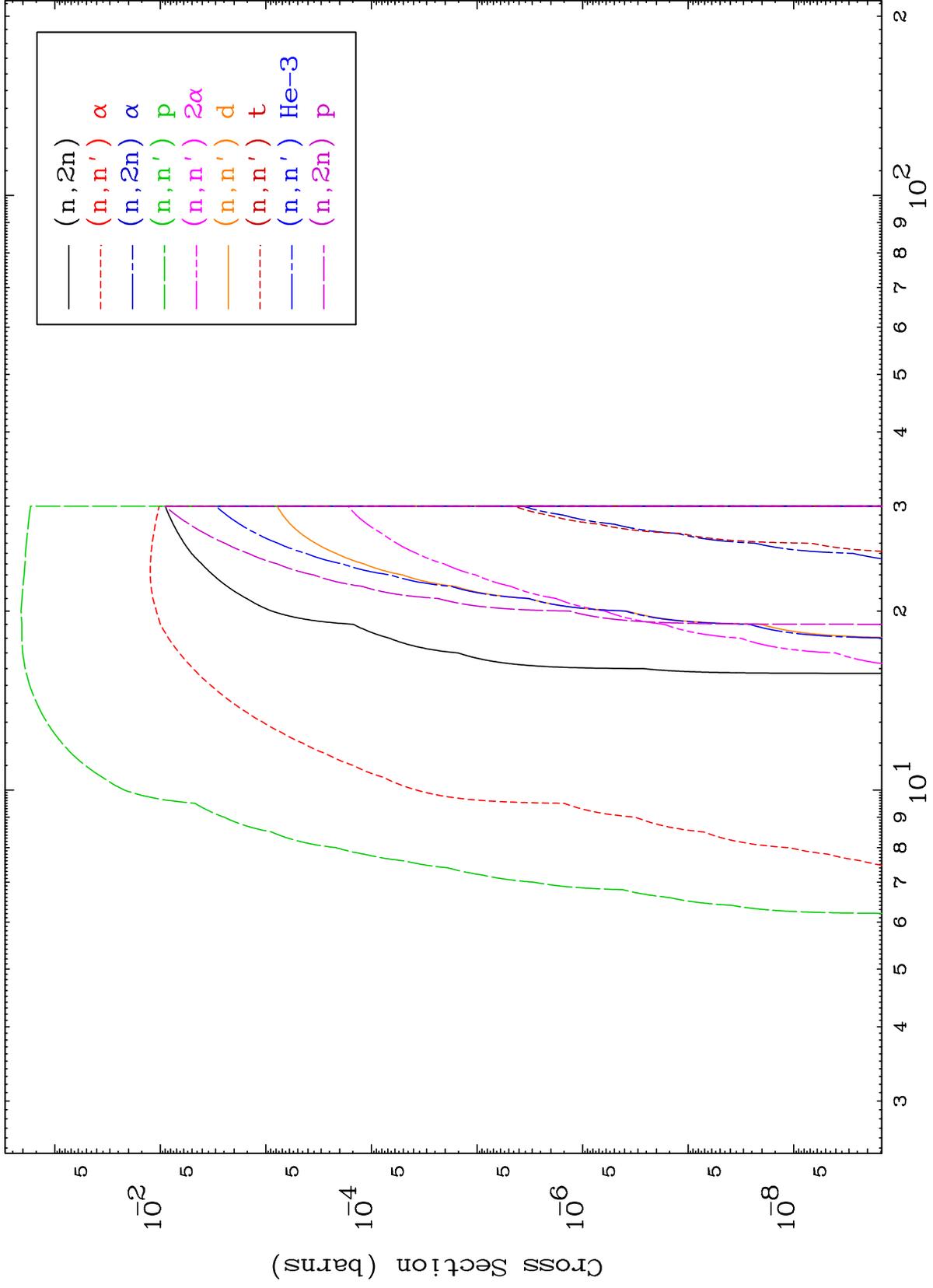
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

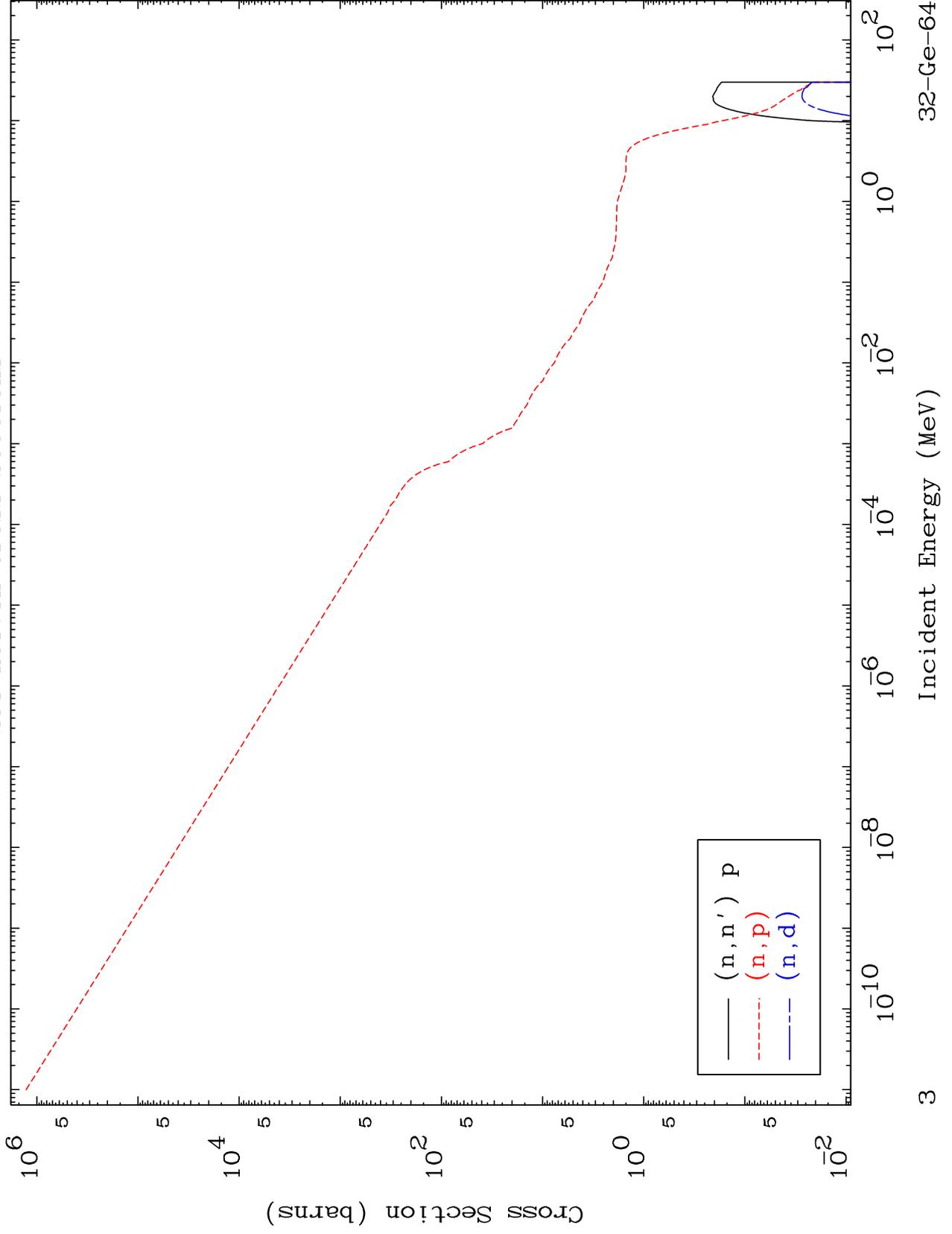


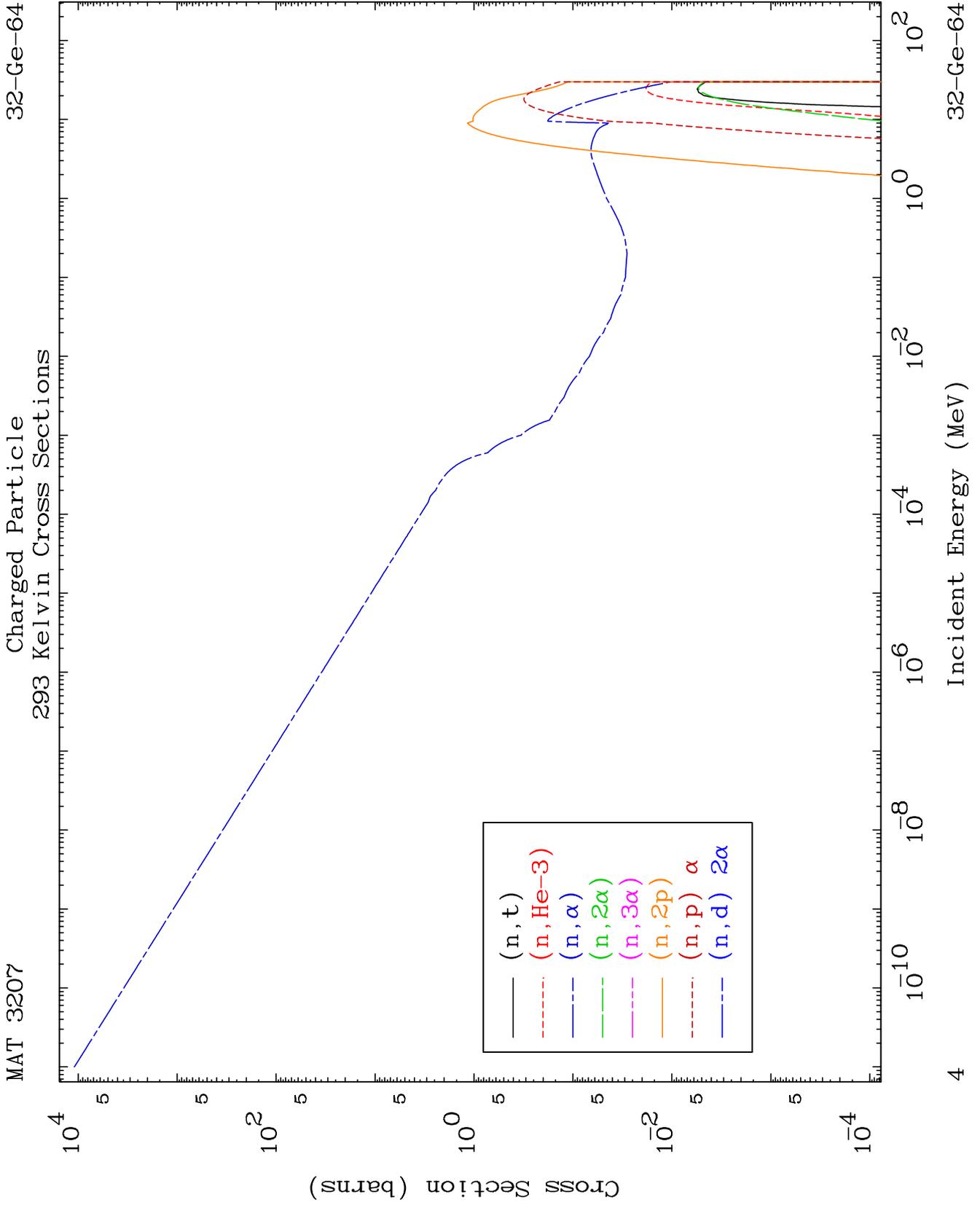


MAT 3207

Charged Particle
293 Kelvin Cross Sections

³²Ge-64

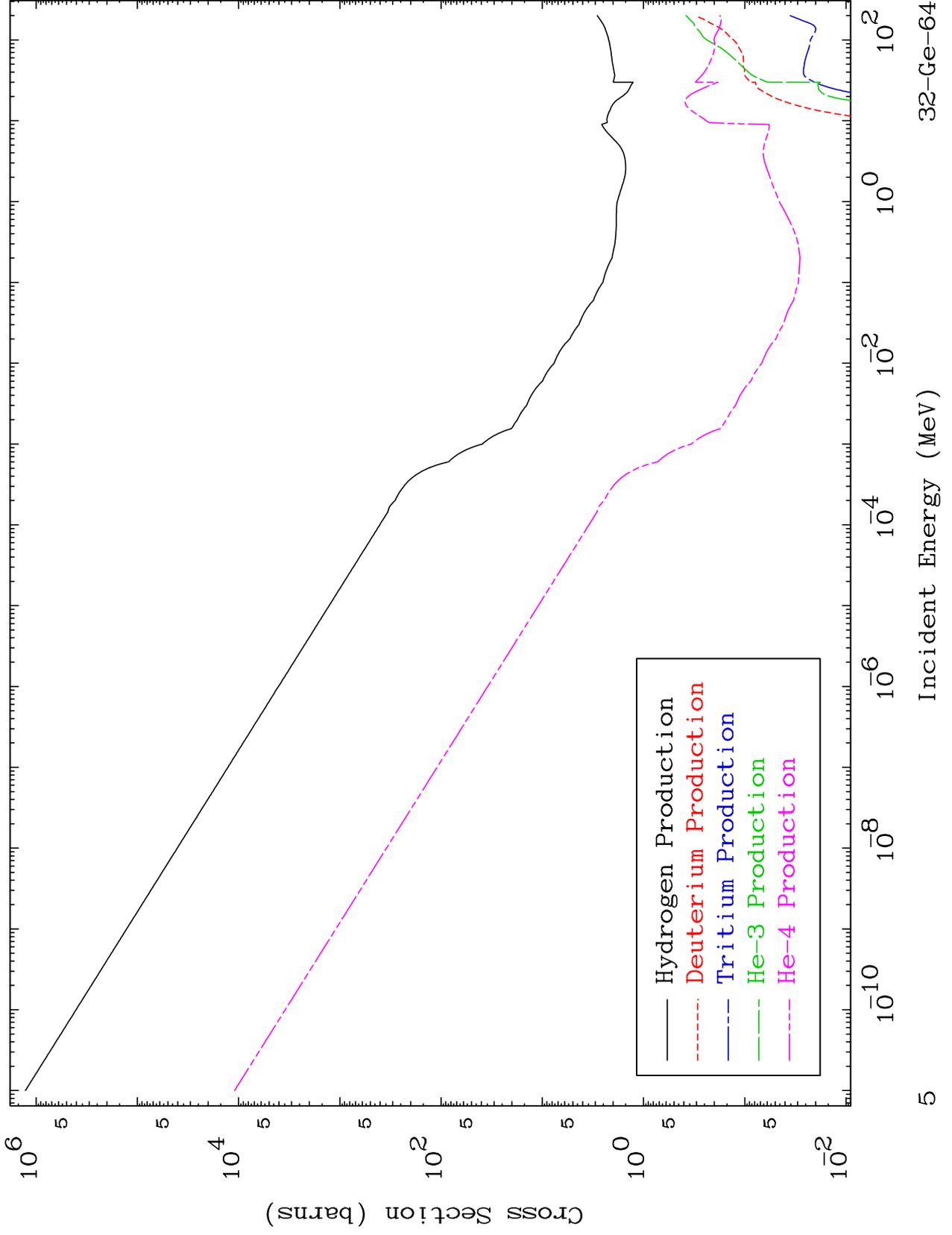


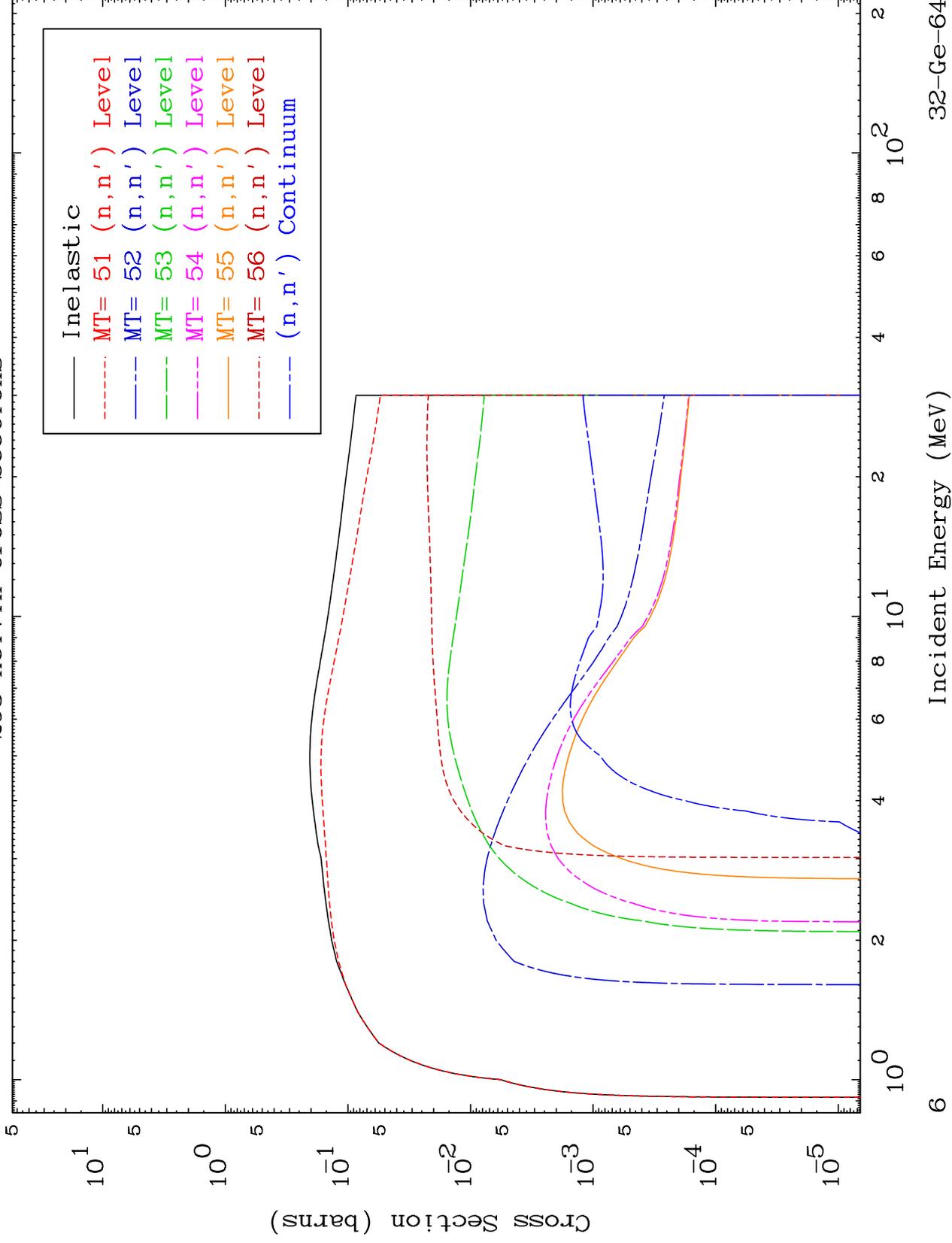


MAT 3207

Particle Production
293 Kelvin Cross Sections

32-Ge-64

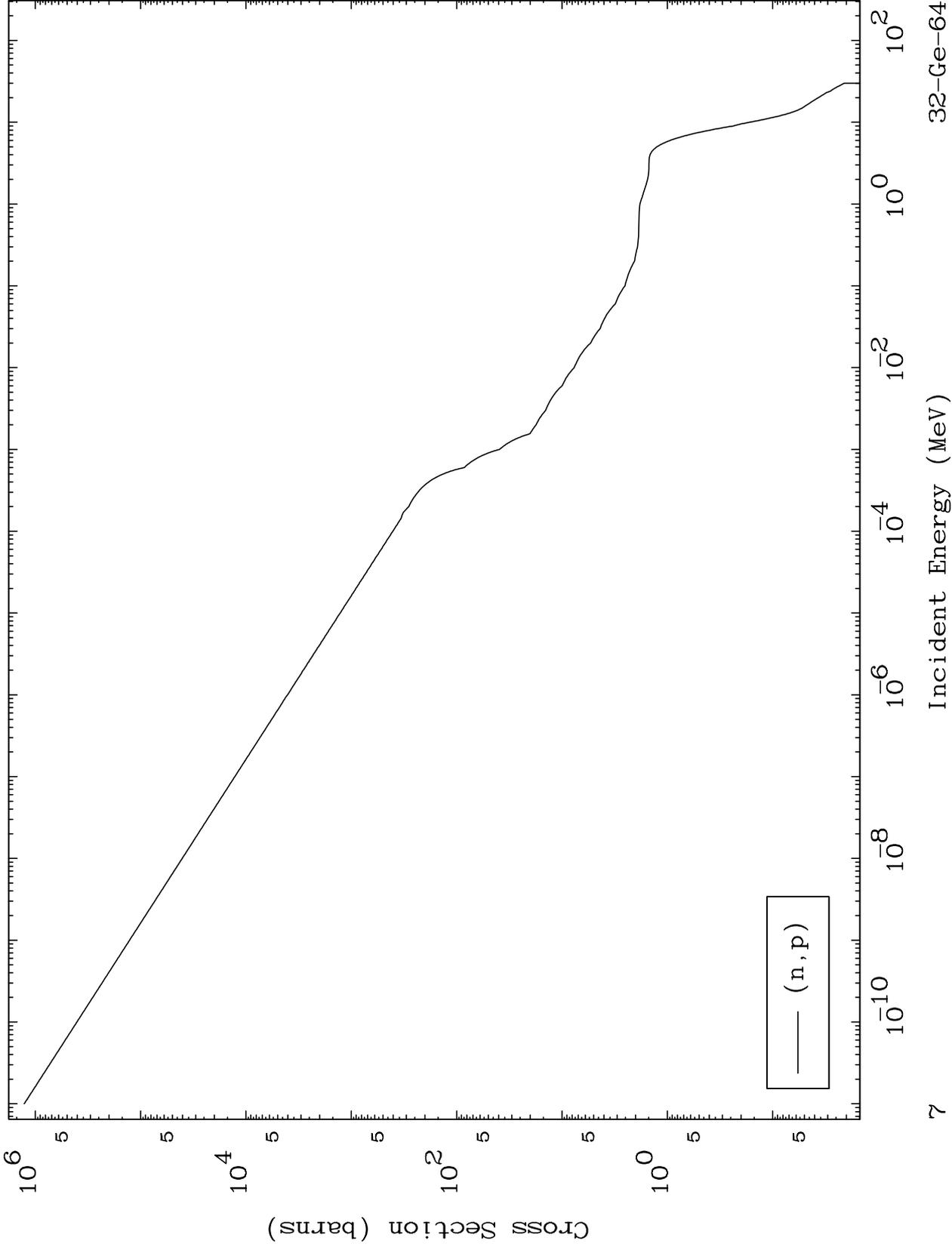




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(n,p) Levels
293 Kelvin Cross Sections

³²Ge-64

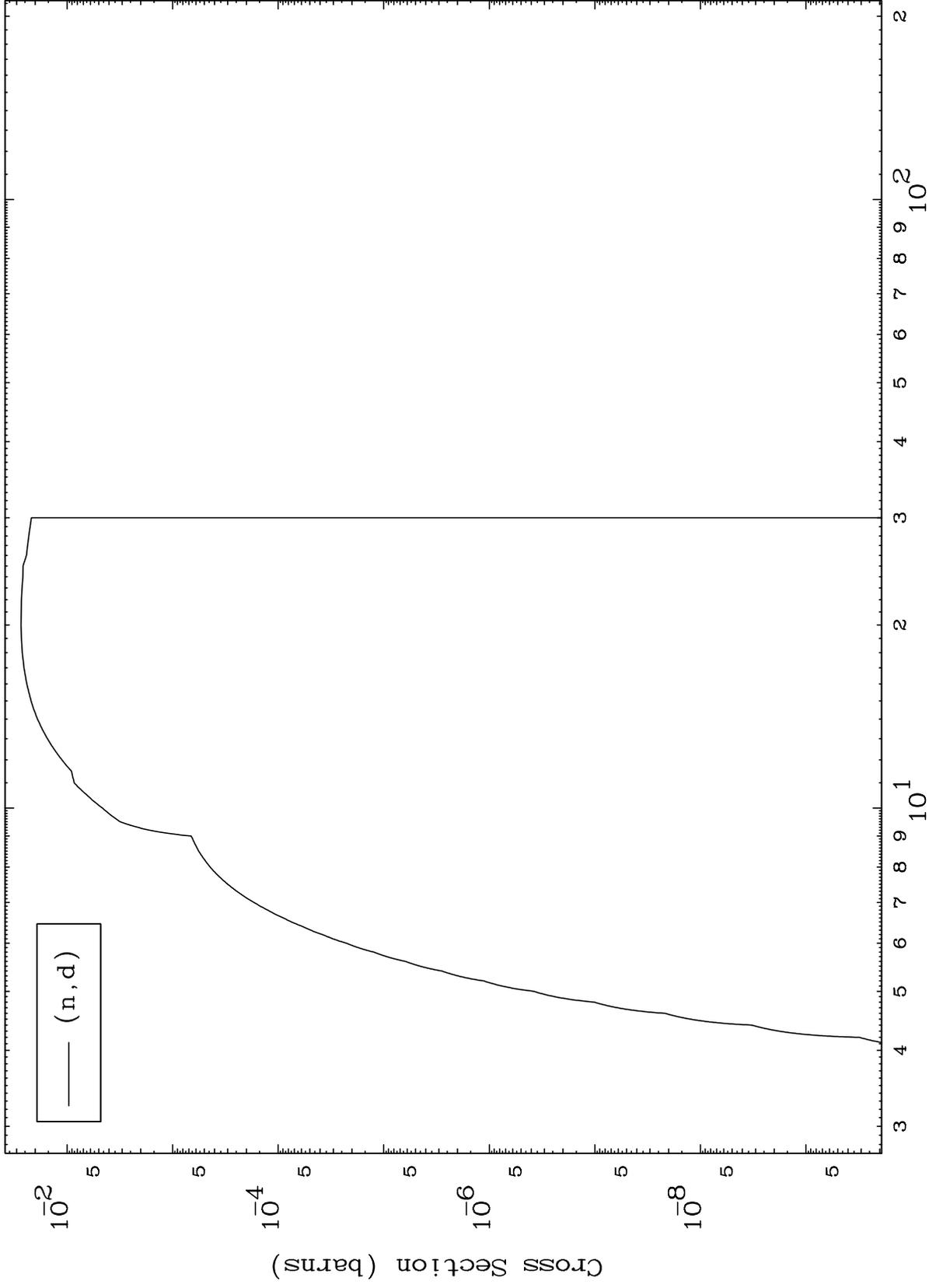


(n,p)

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(n,d) Levels
293 Kelvin Cross Sections

³²Ge-64



8

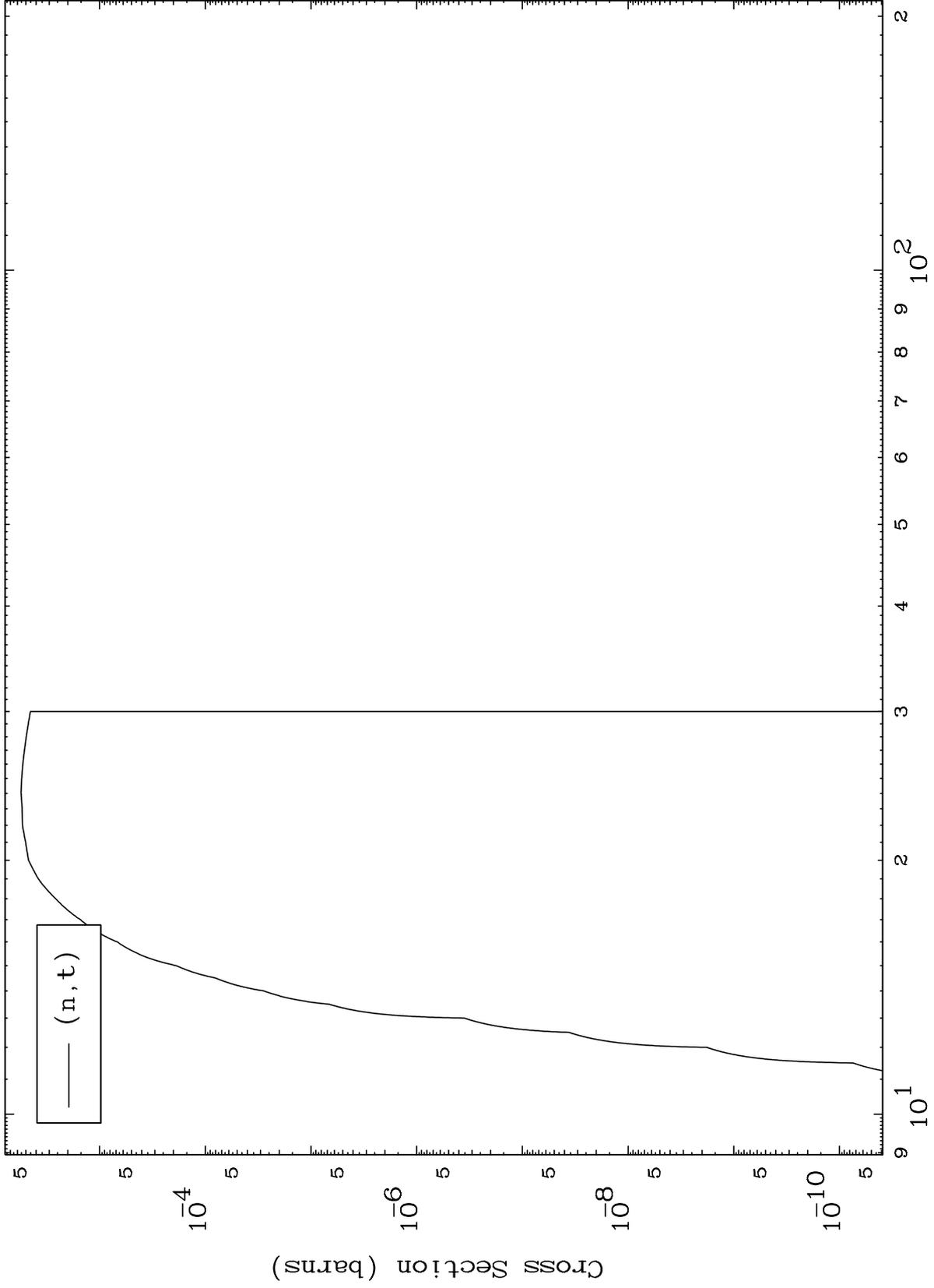
Incident Energy (MeV)

³²Ge-64

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(n,t) Levels
293 Kelvin Cross Sections

³²Ge-64



9

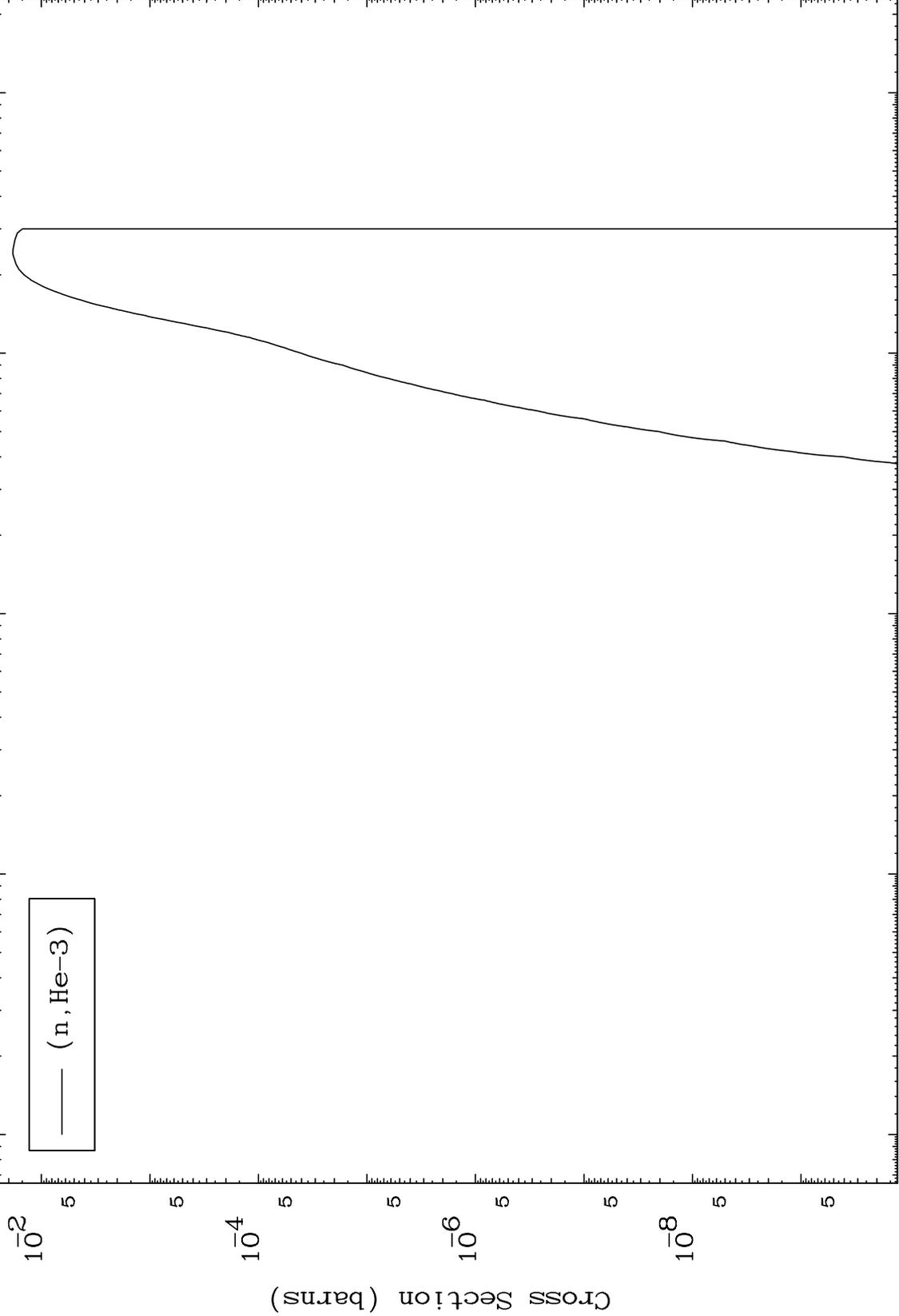
Incident Energy (MeV)

³²Ge-64

MAT 3207

(n,He3) Levels
293 Kelvin Cross Sections

32-Ge-64



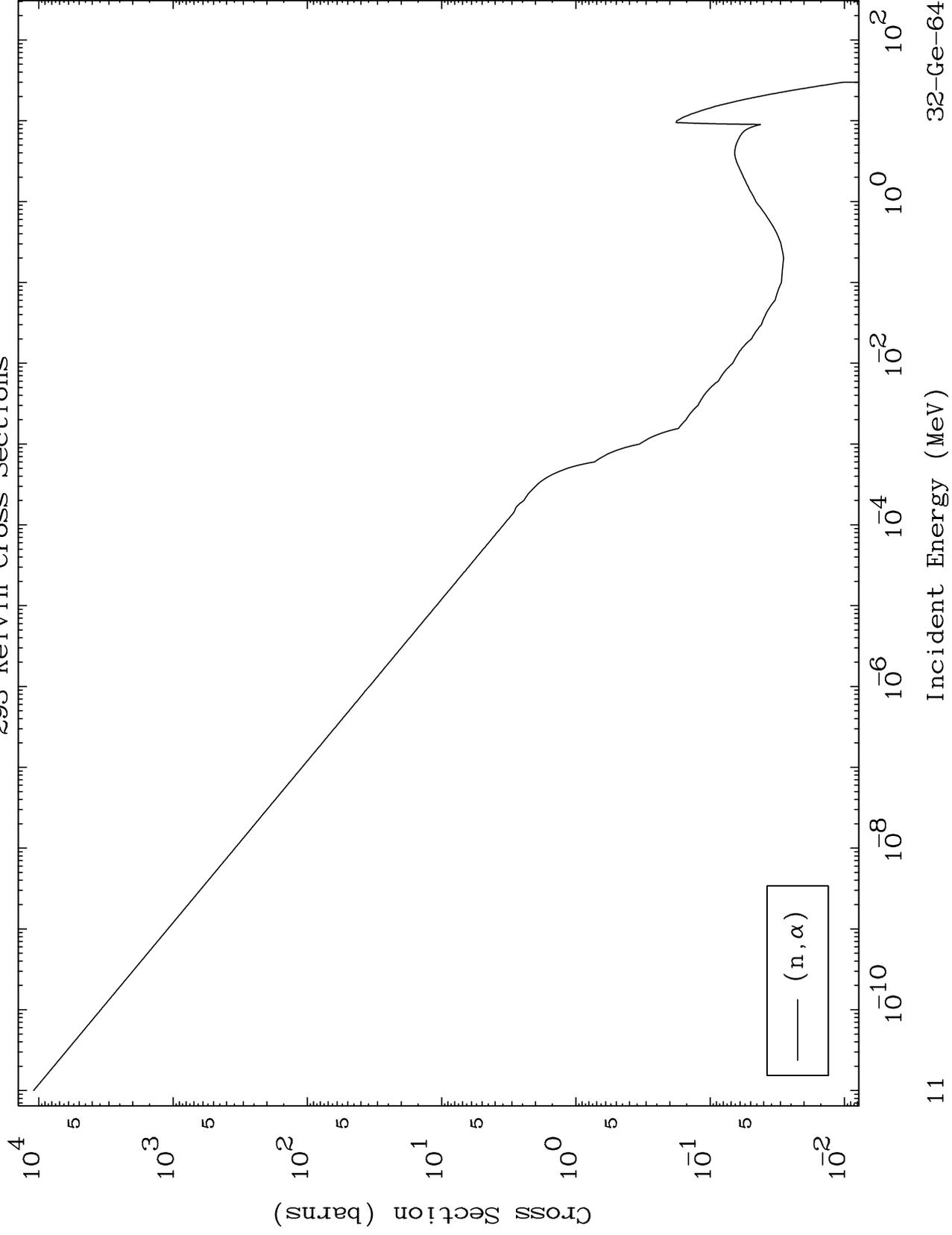
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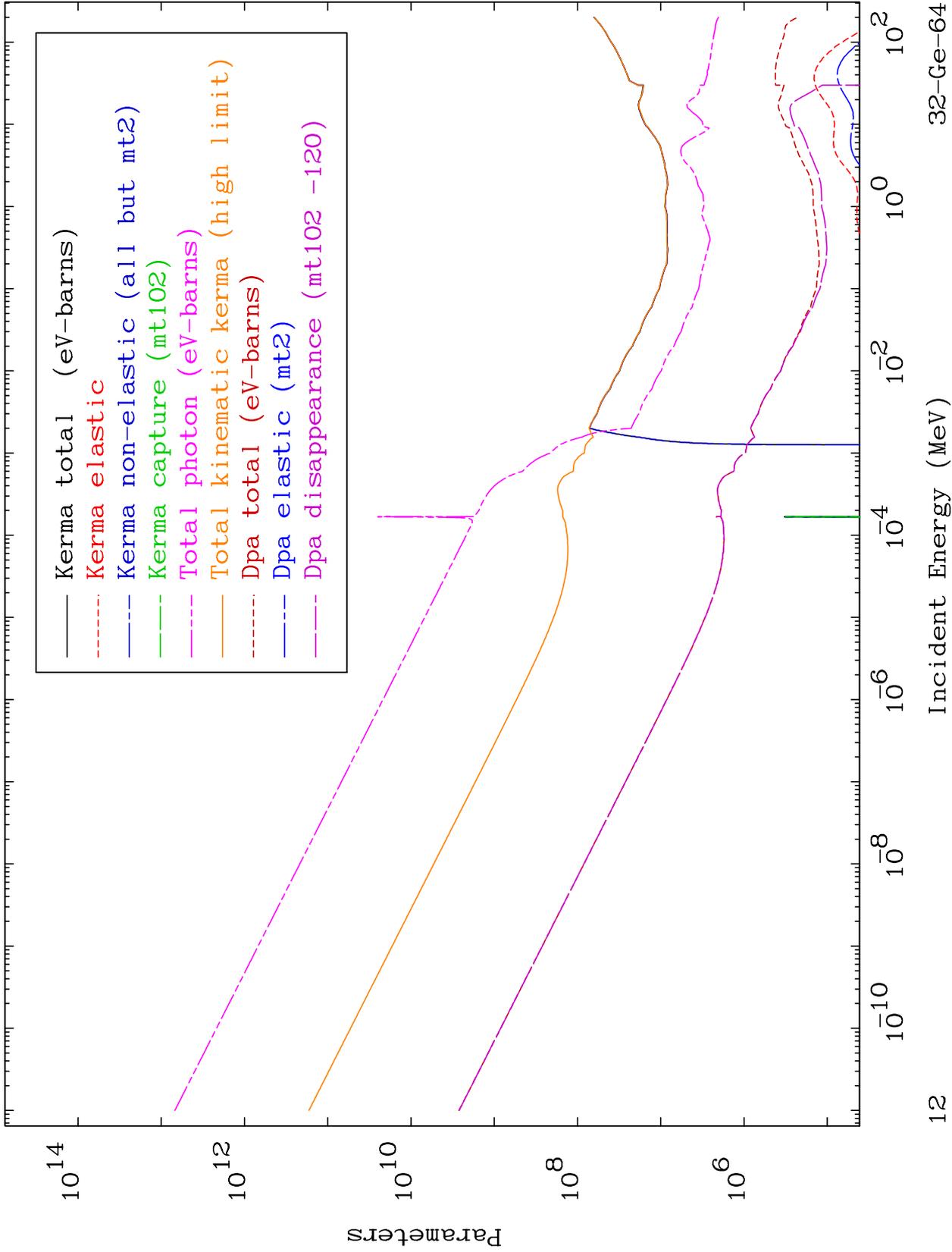
Incident Energy (MeV)

MAT 3207

(n, α) Levels
293 Kelvin Cross Sections

³²Ge-64

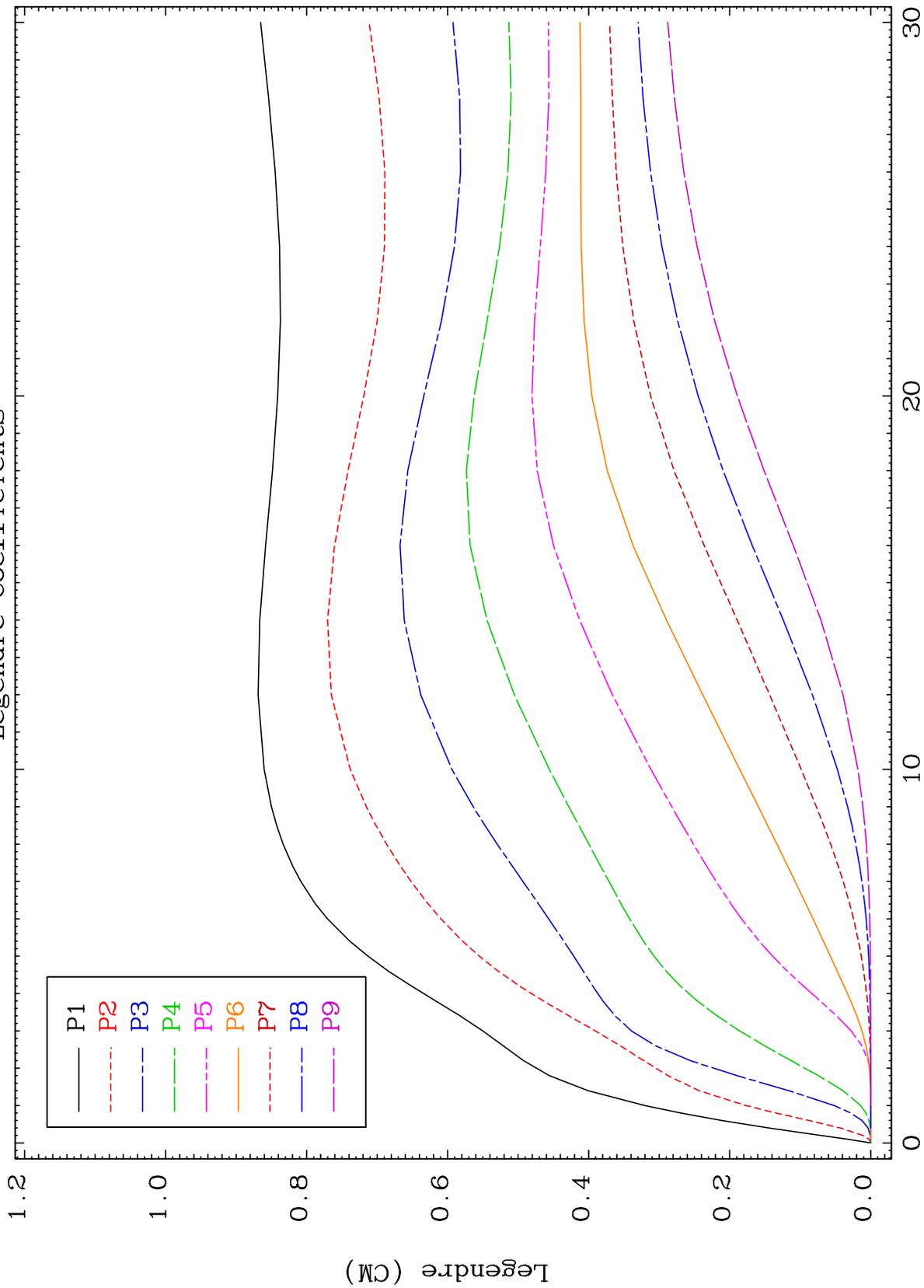




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Elastic Legendre Coefficients

³²Ge-64



13

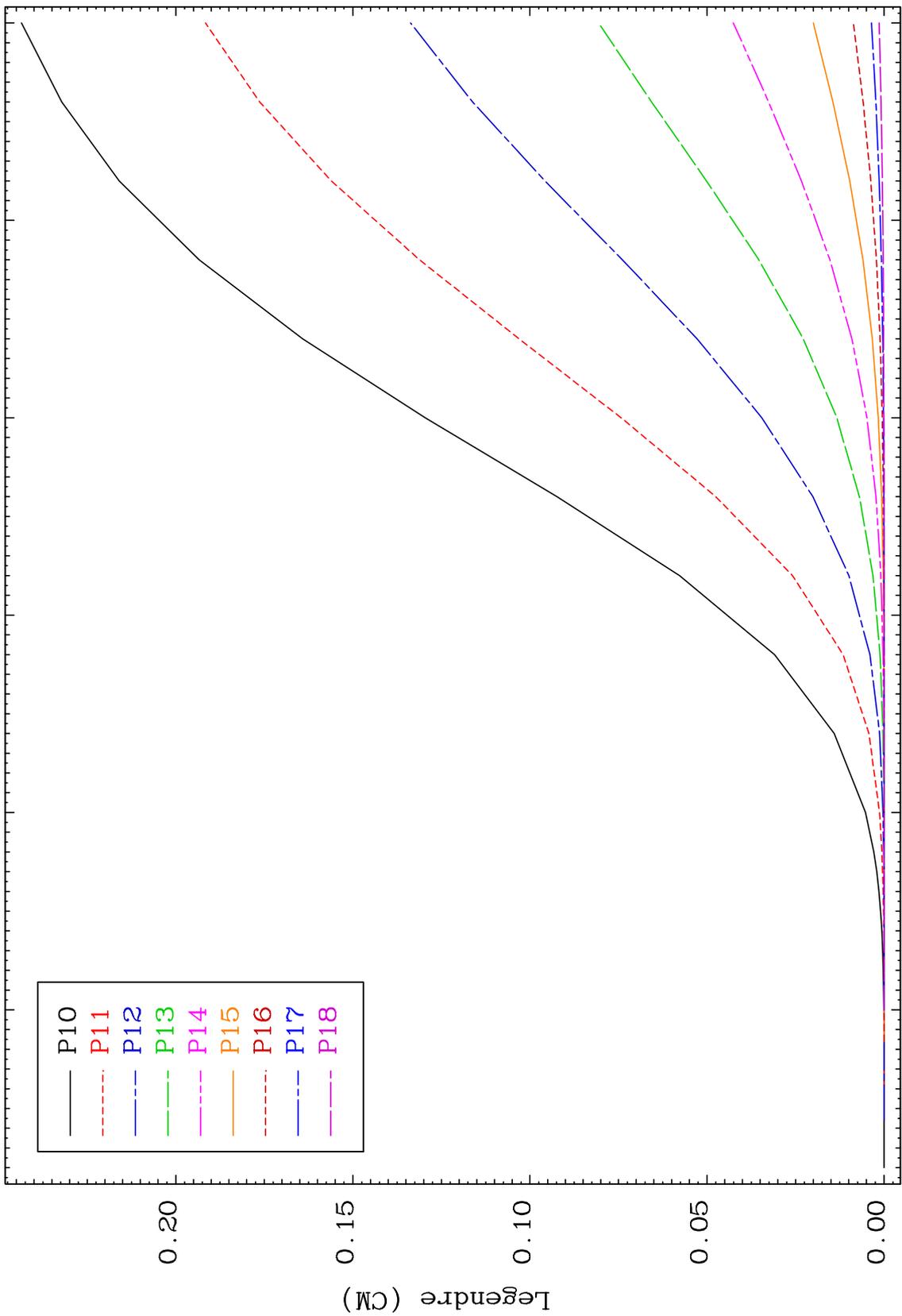
Incident Energy (MeV)

³²Ge-64

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Elastic Legendre Coefficients

³²Ge-64



14

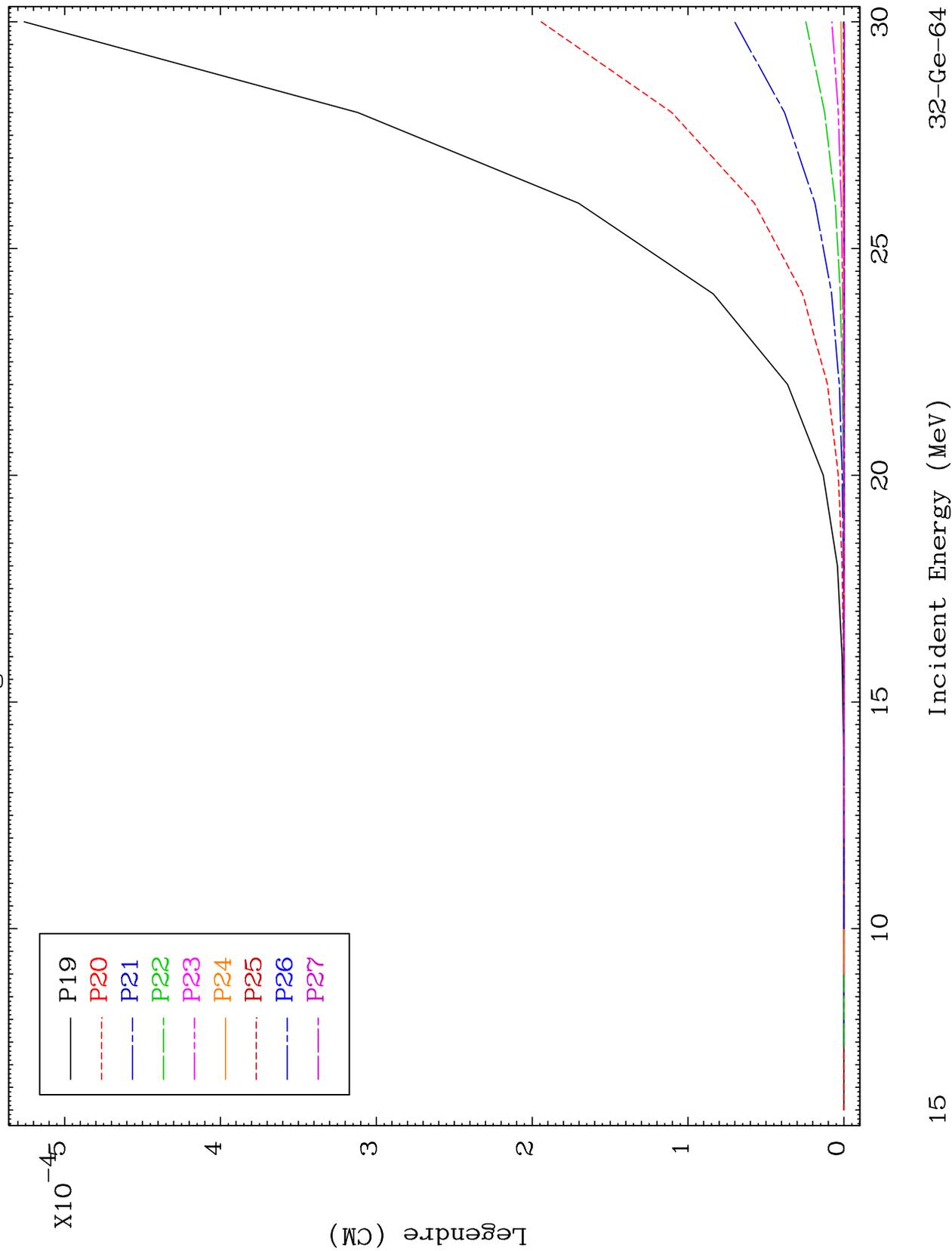
³²Ge-64

Incident Energy (MeV)

MAT 3207

Elastic
Legendre Coefficients

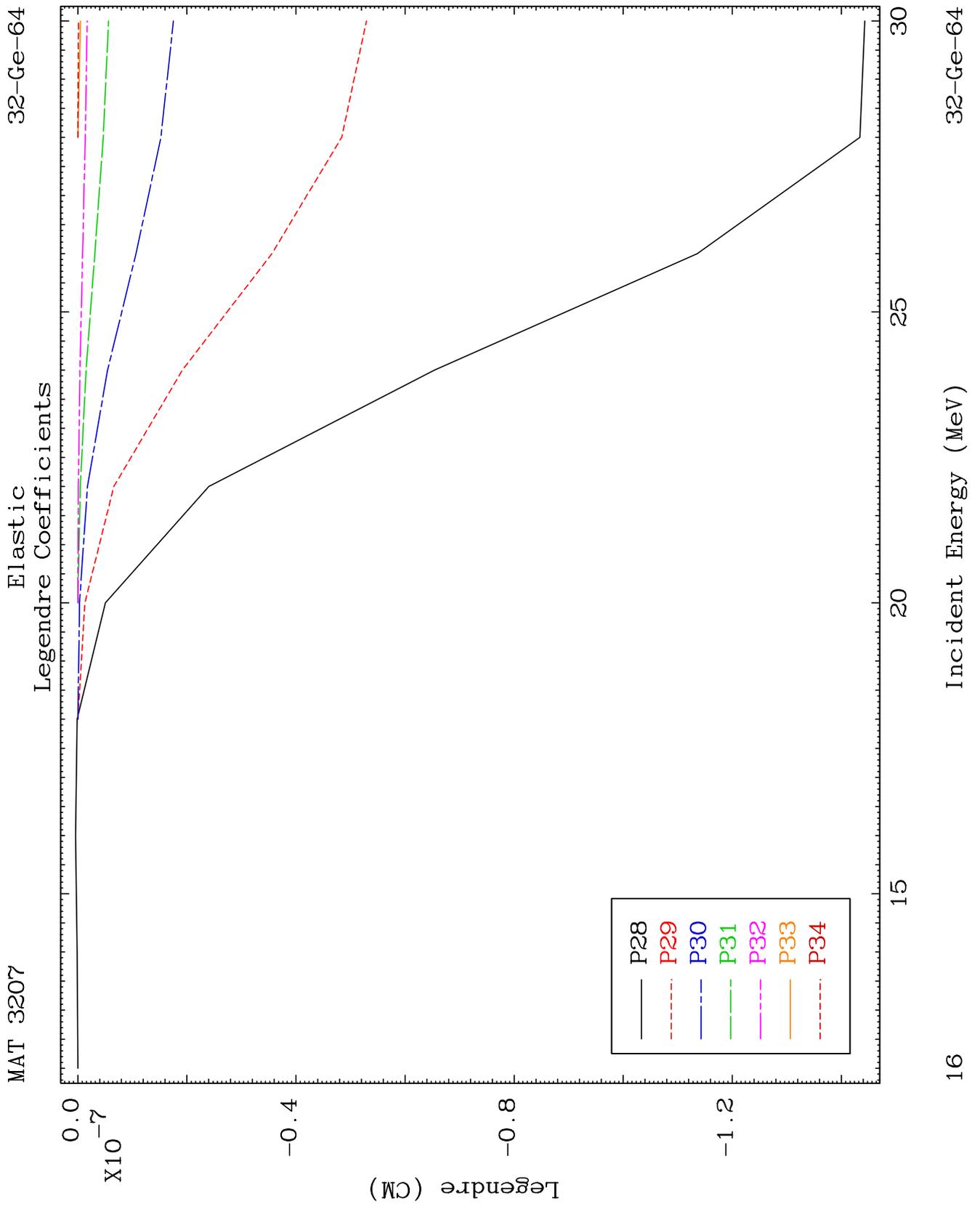
³²Ge-64



15

Incident Energy (MeV)

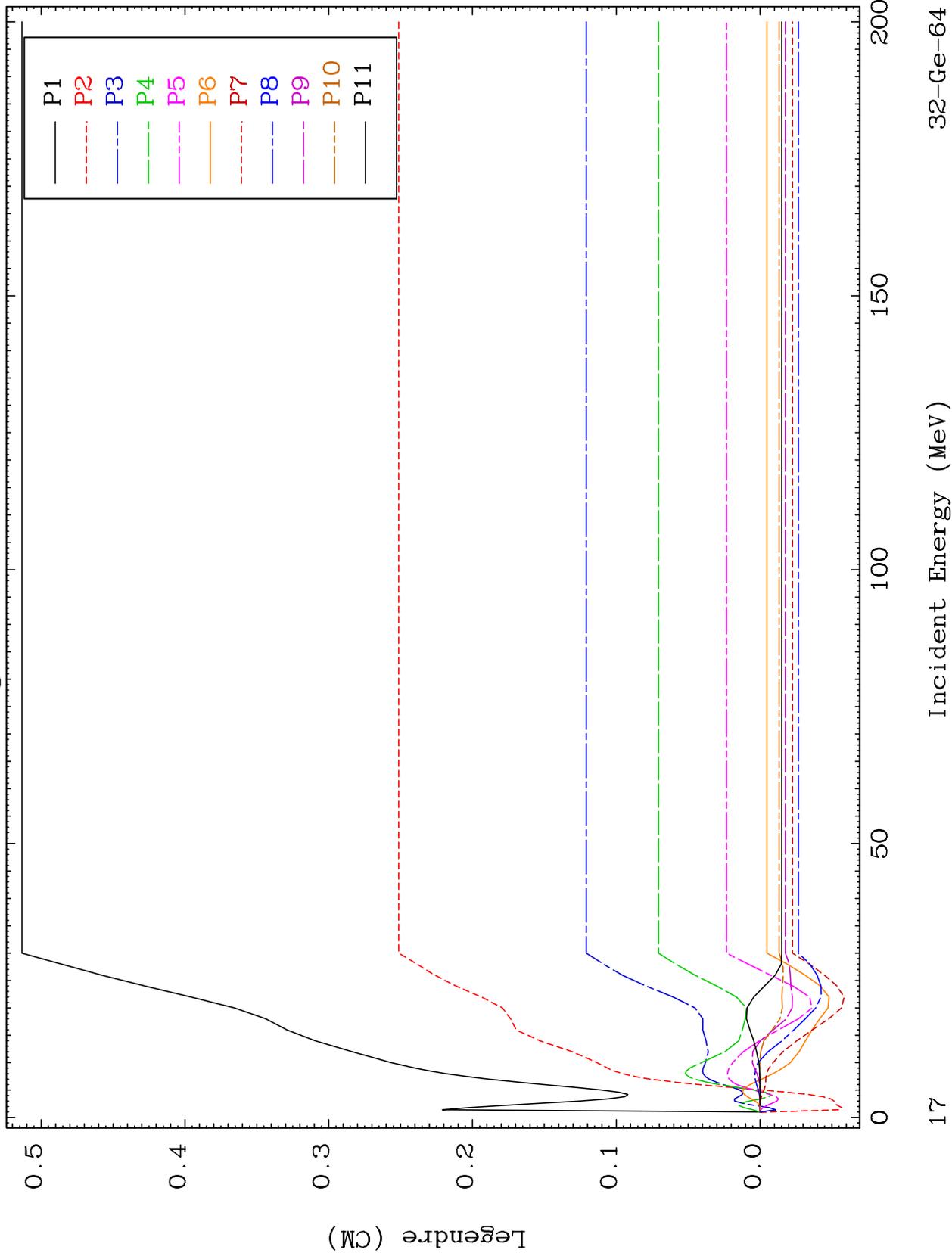
³²Ge-64



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

32-Ge-64



32-Ge-64

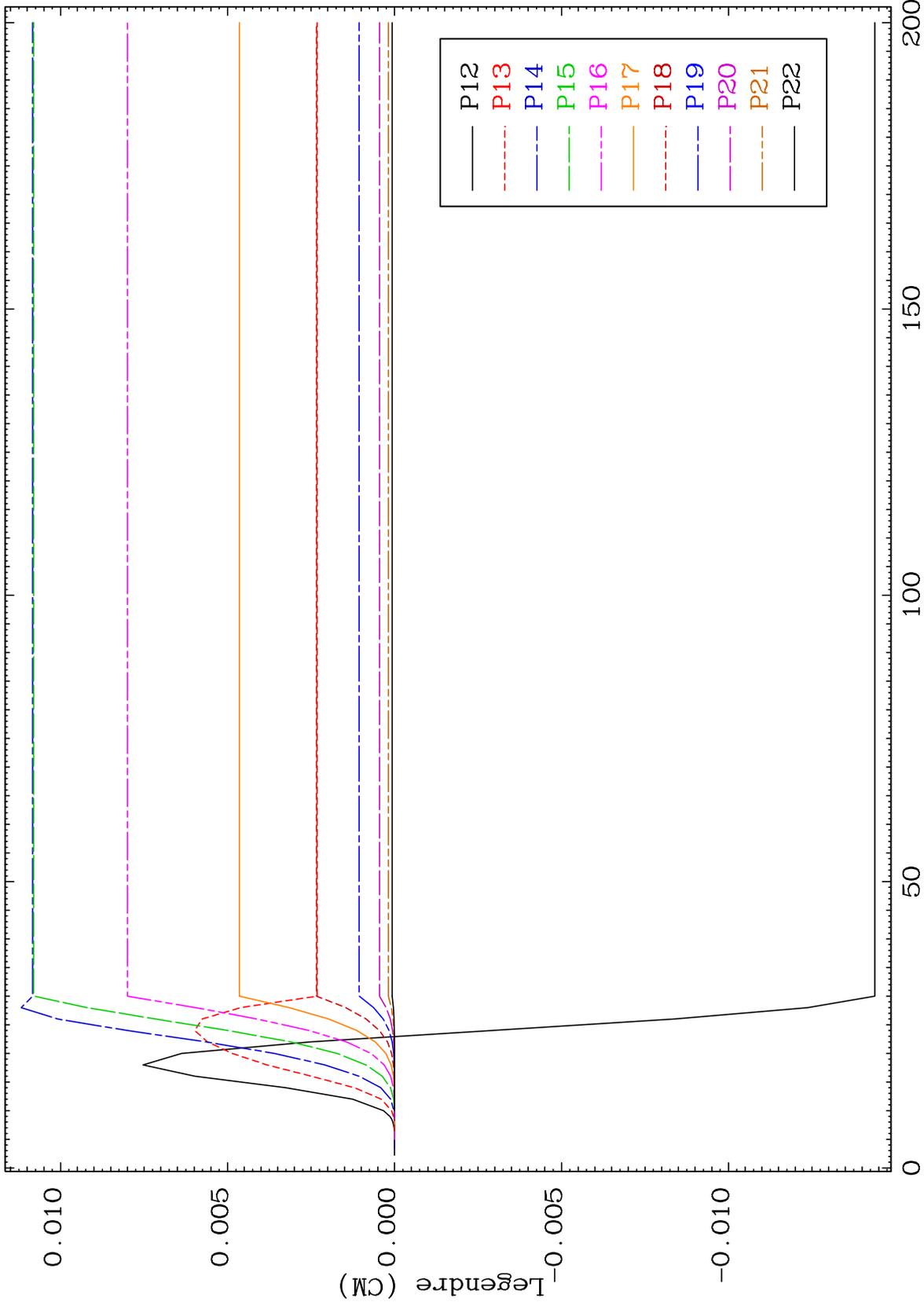
Incident Energy (MeV)

17

MAT 3207

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

32-Ge-64



18

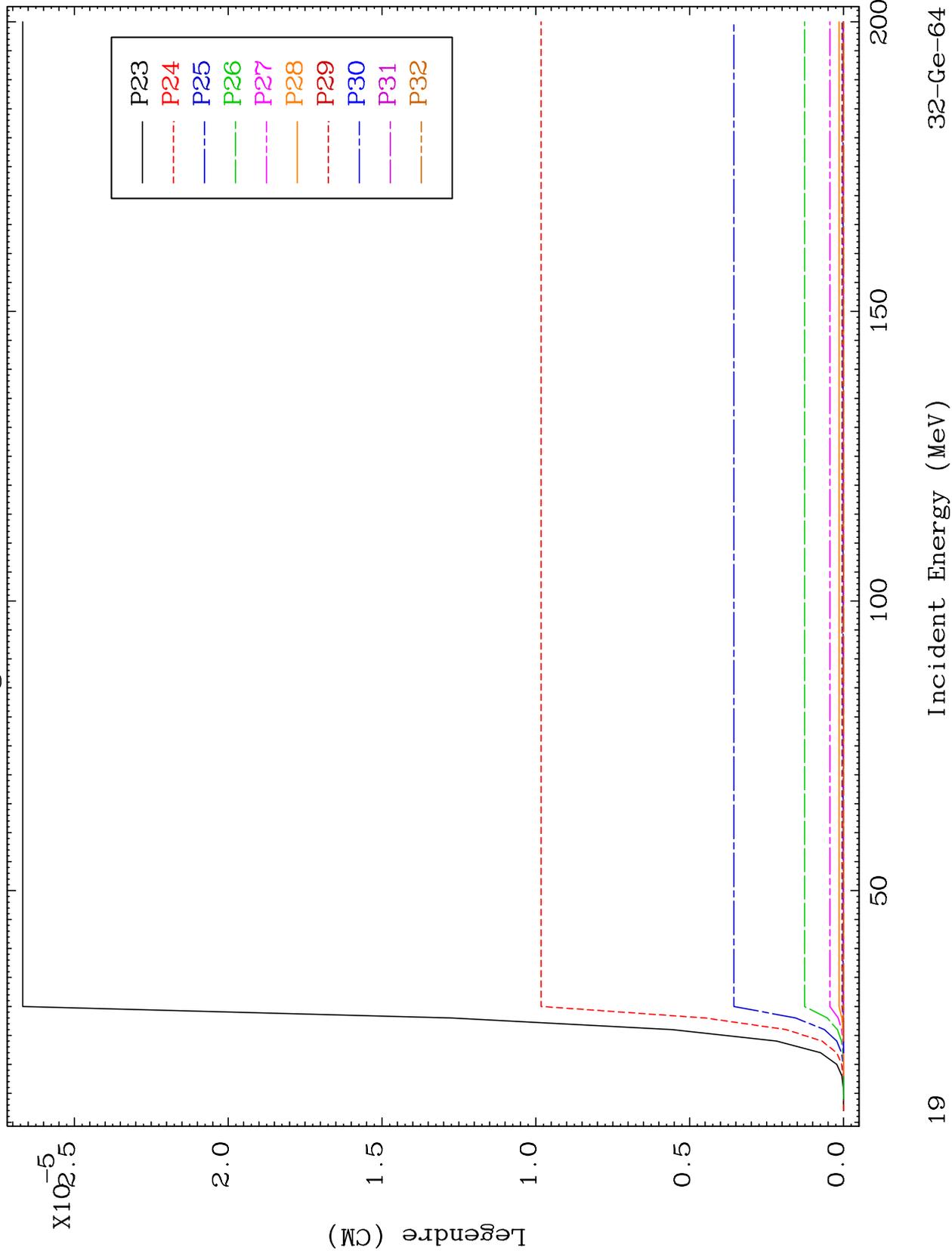
Incident Energy (MeV)

32-Ge-64

MAT 3207

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

32-Ge-64



19

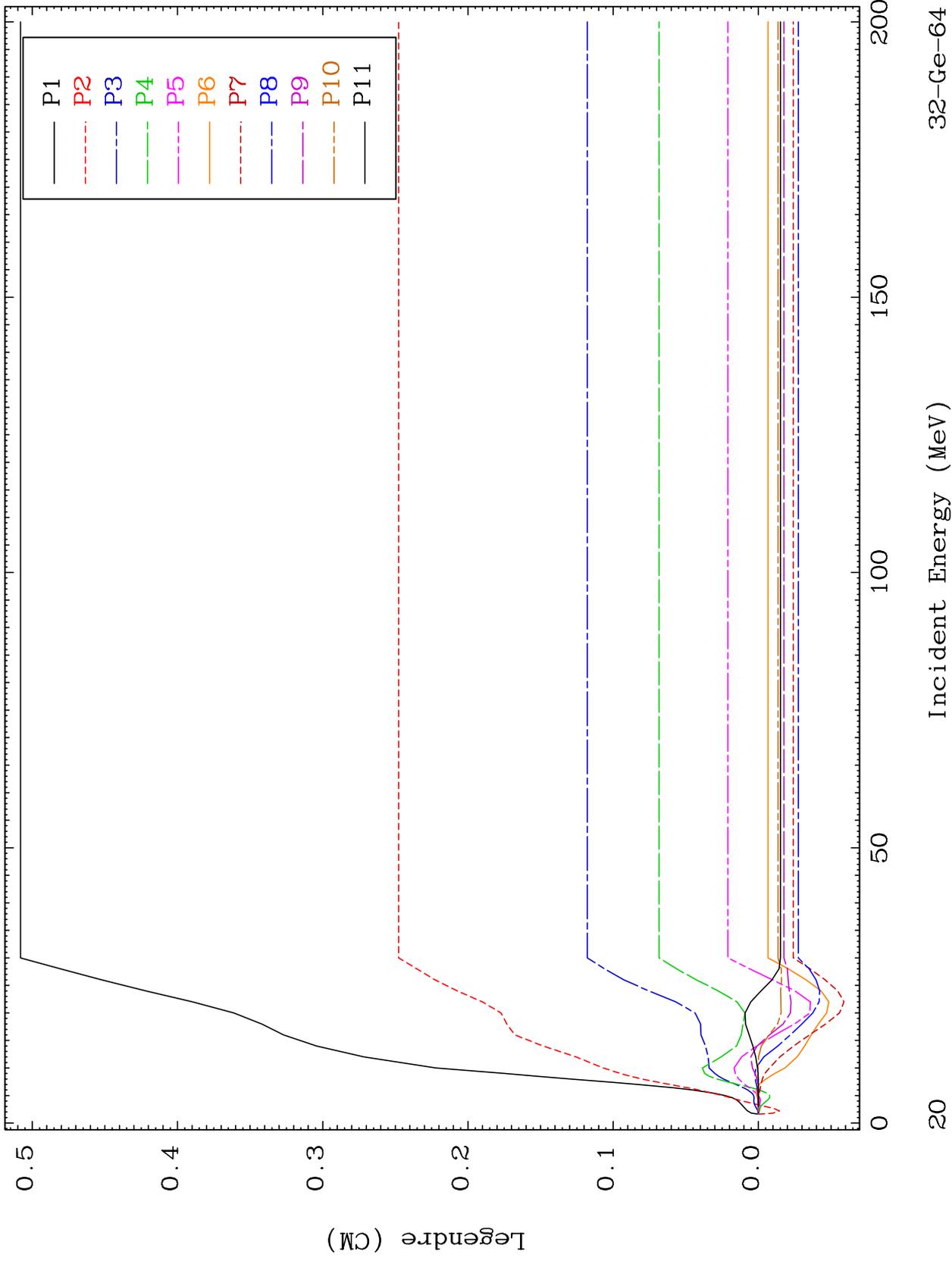
Incident Energy (MeV)

32-Ge-64

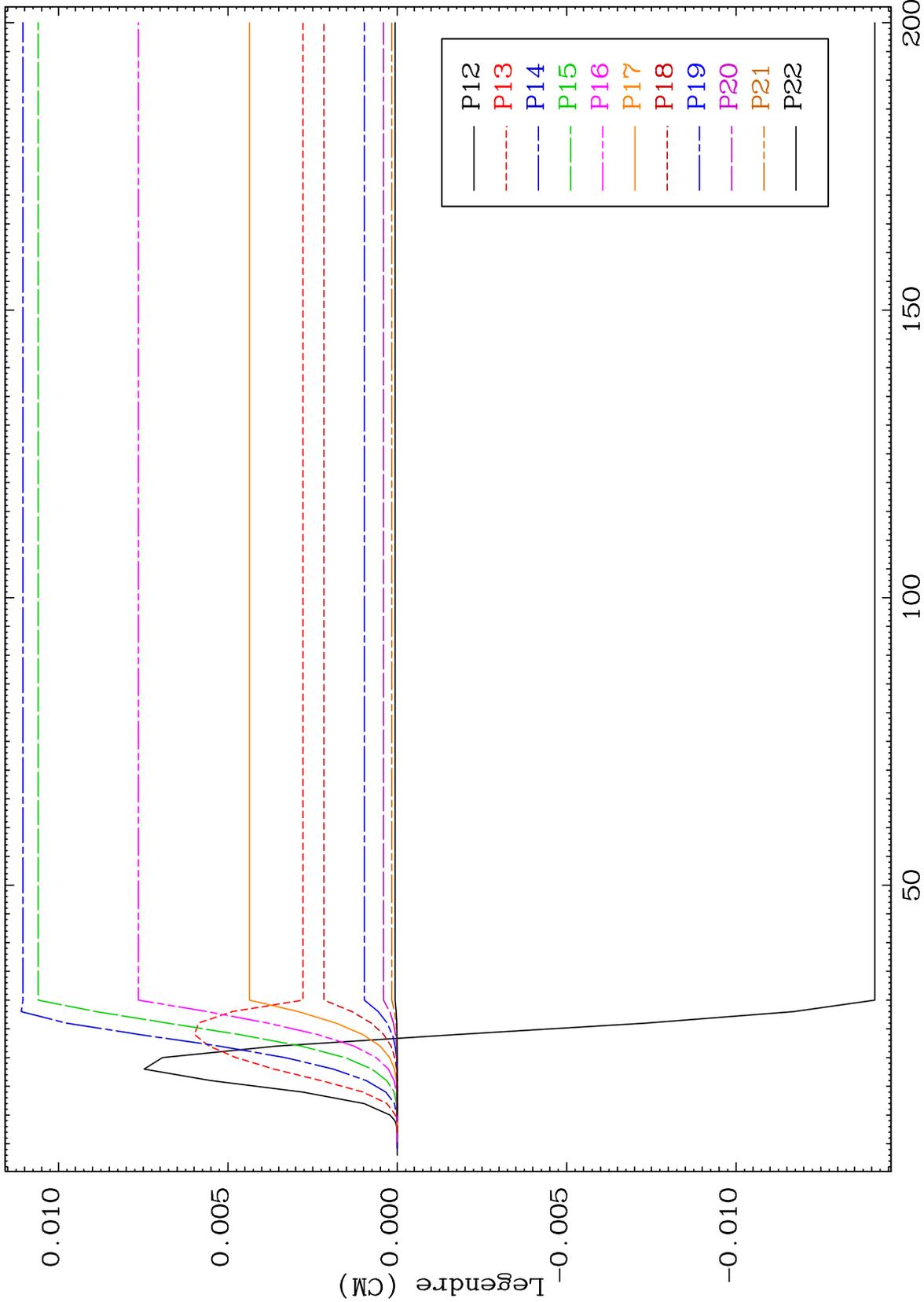
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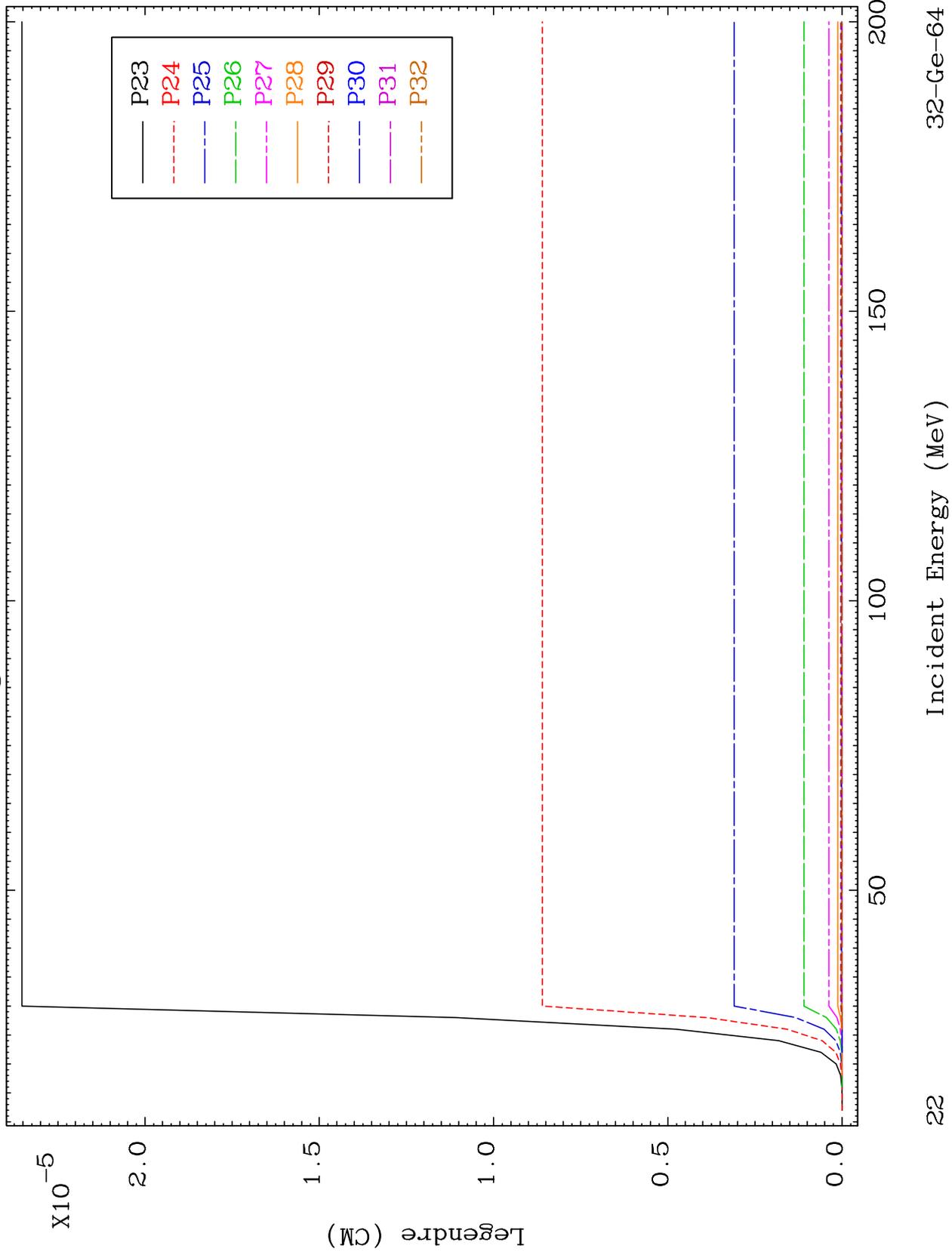
MT= 52 (n,n') Level
Legendre Coefficients

32-Ge-64



32-Ge-64

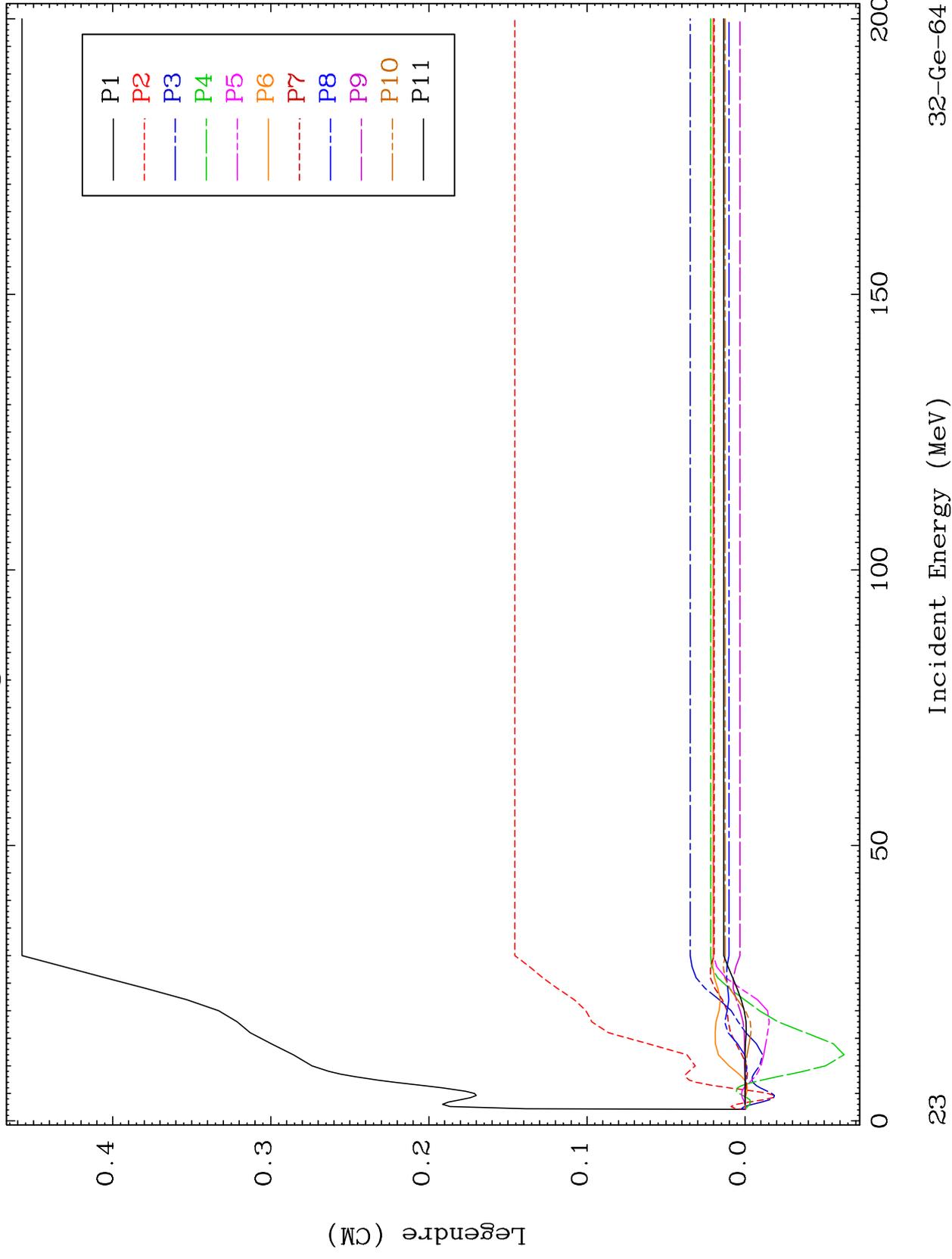




MAT 3207

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

32-Ge-64



23

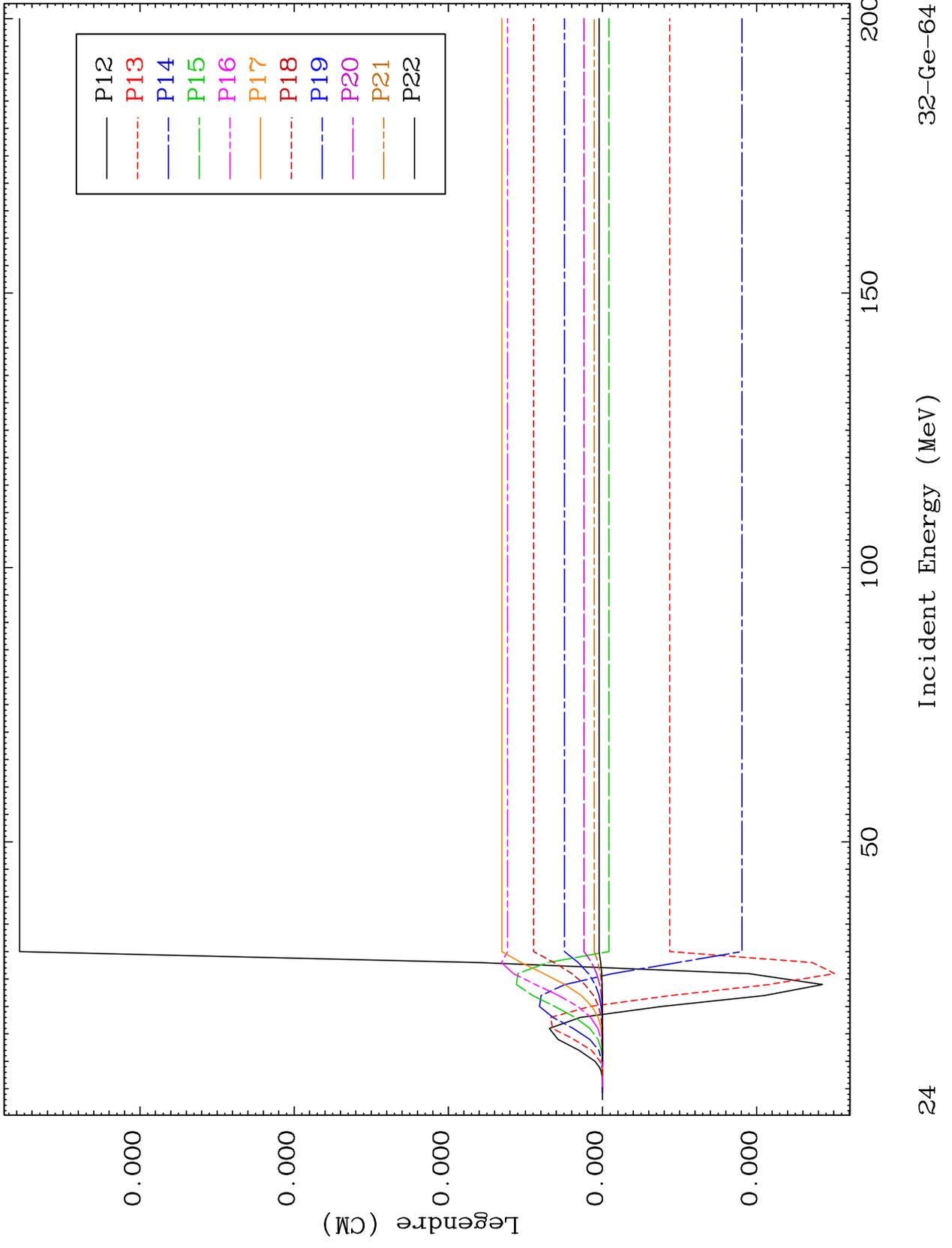
Incident Energy (MeV)

32-Ge-64

MAT 3207

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

32-Ge-64



24

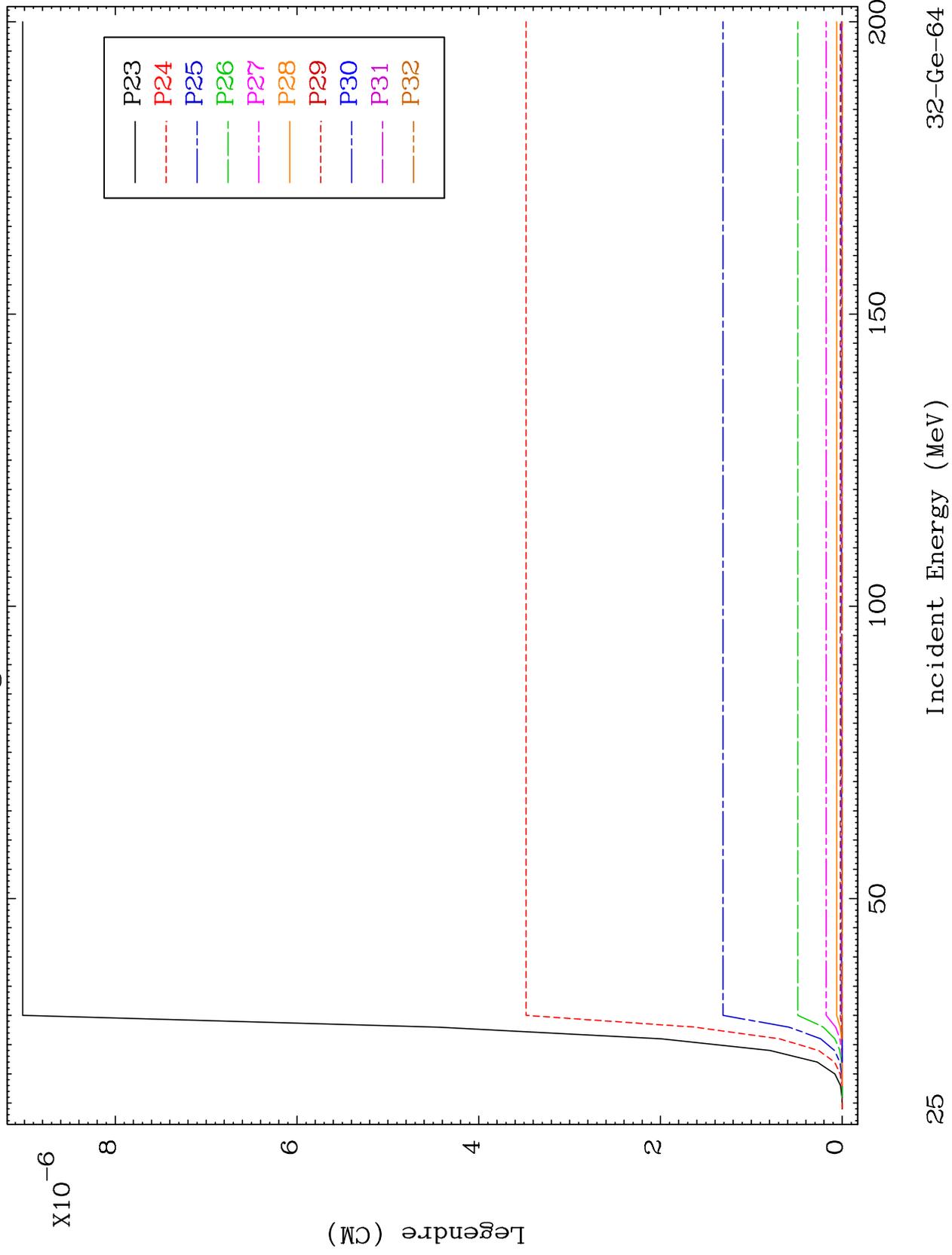
Incident Energy (MeV)

32-Ge-64

MAT 3207

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

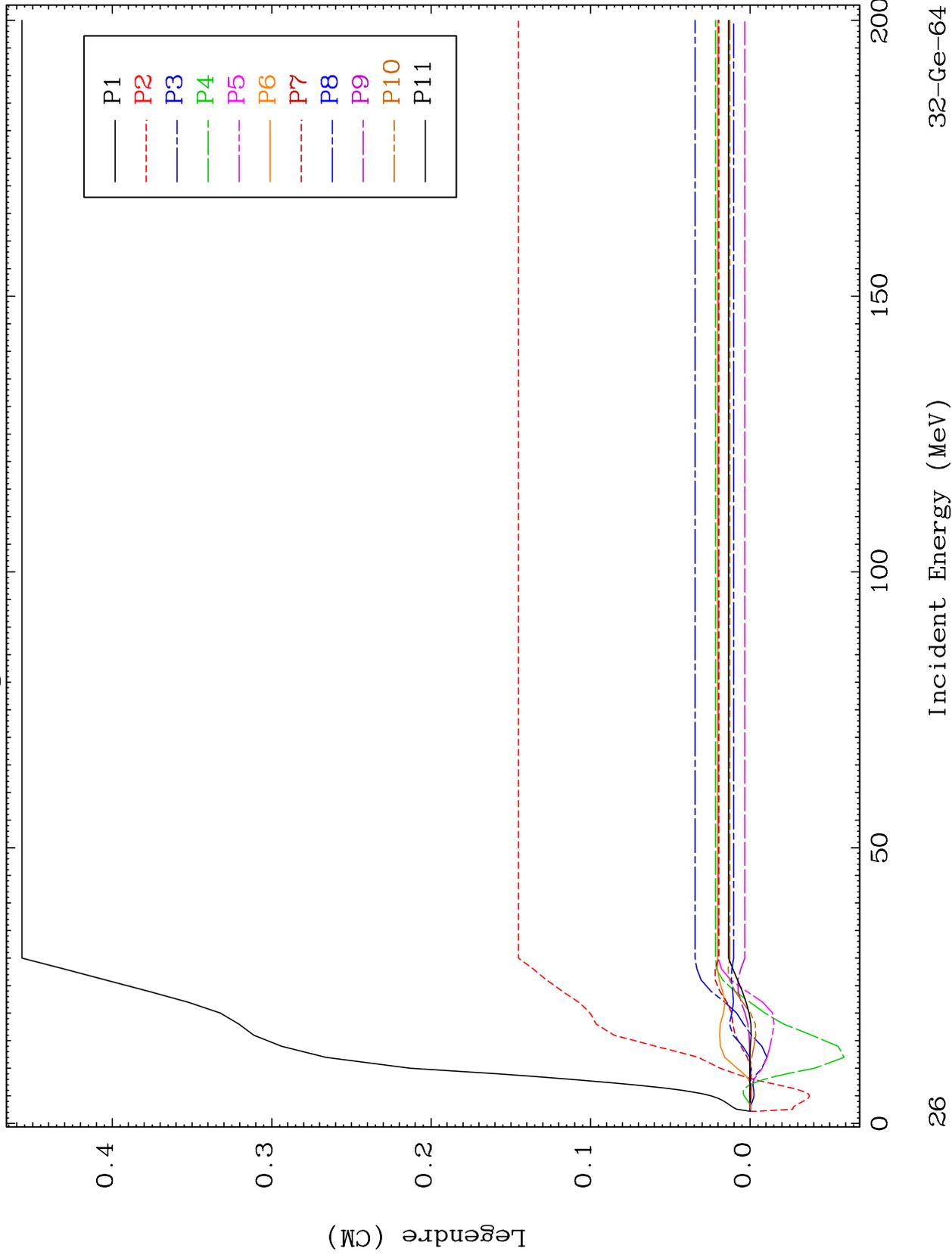
32-Ge-64



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

32-Ge-64



32-Ge-64

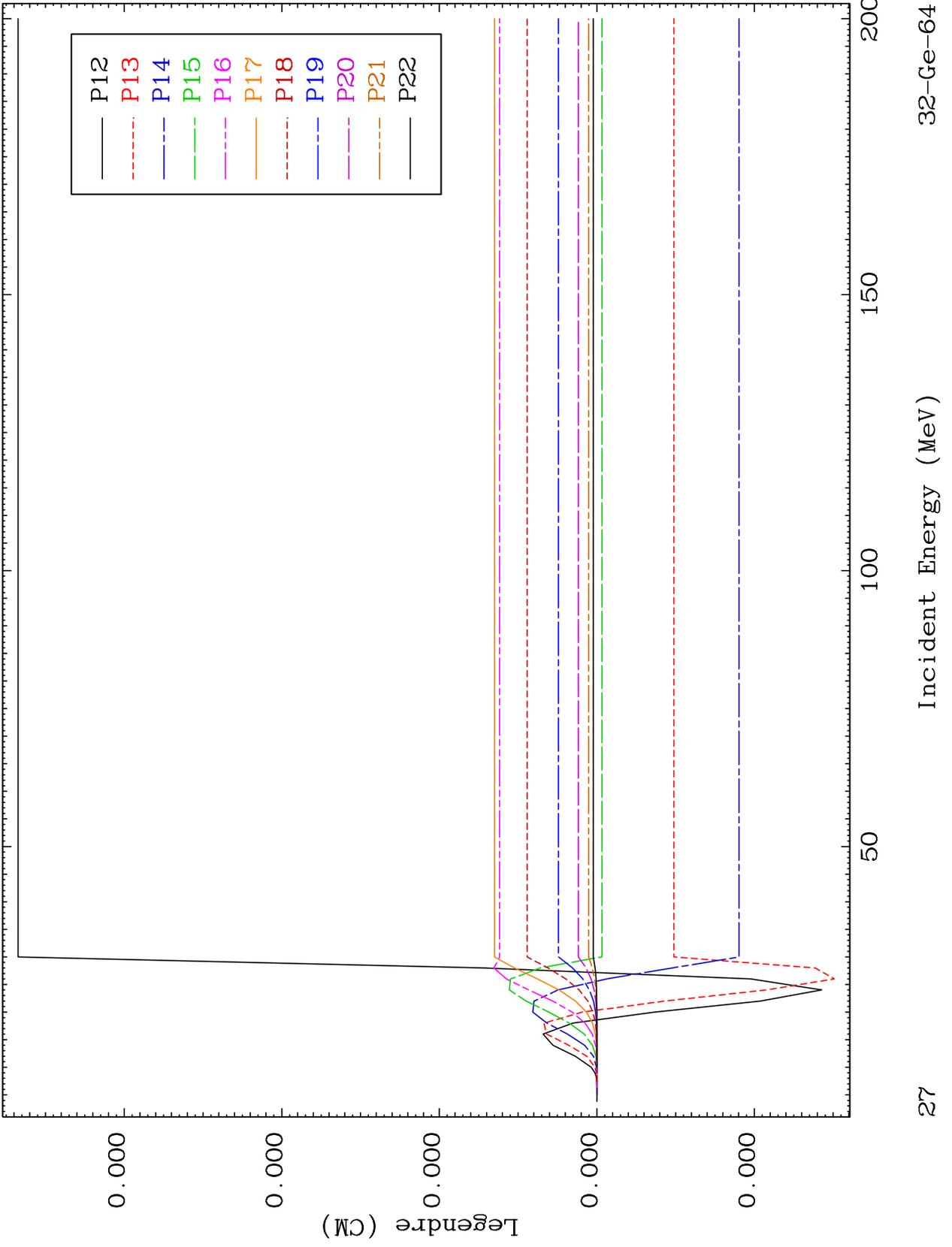
Incident Energy (MeV)

26

MAT 3207

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

32-Ge-64



27

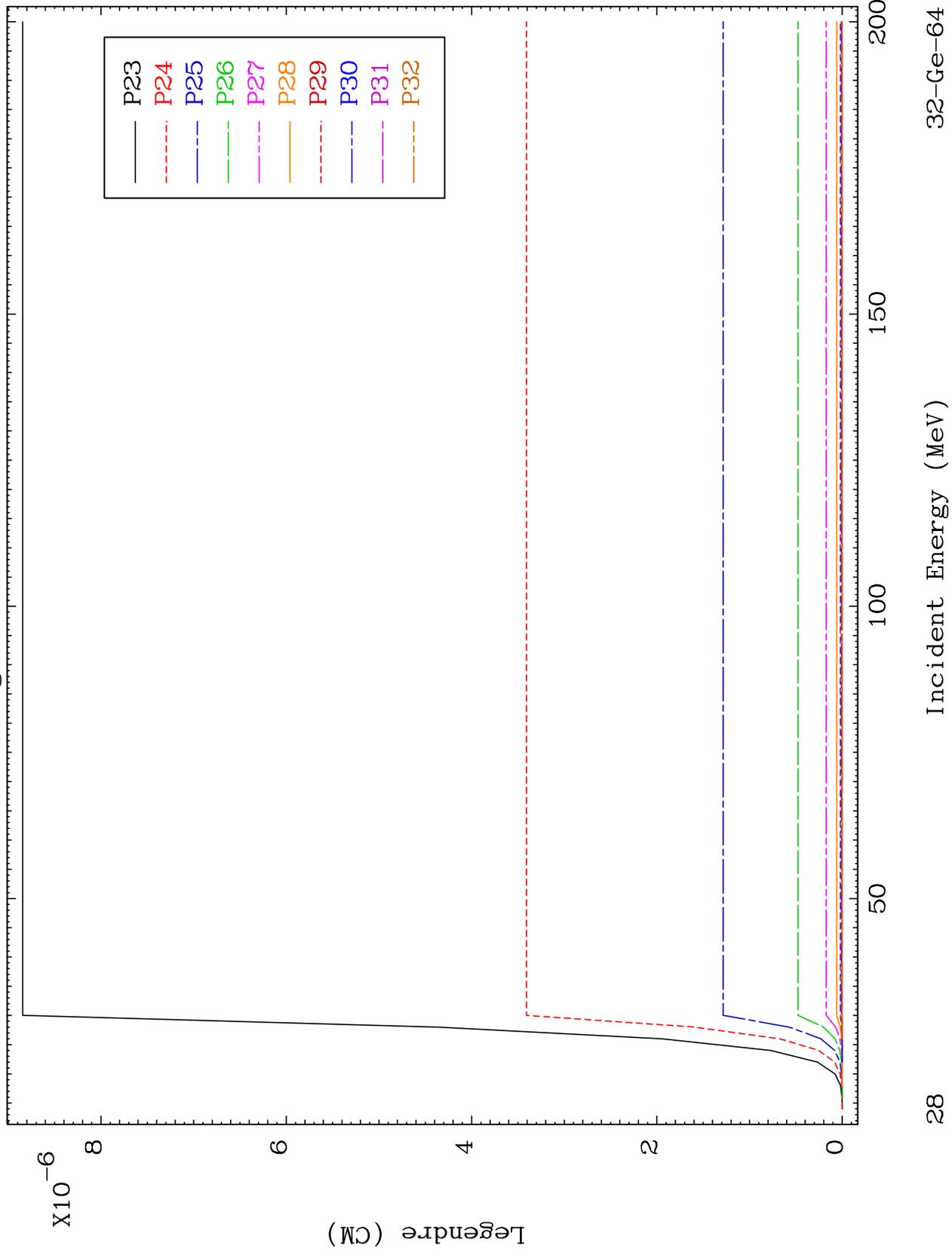
Incident Energy (MeV)

32-Ge-64

MAT 3207

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

32-Ge-64



28

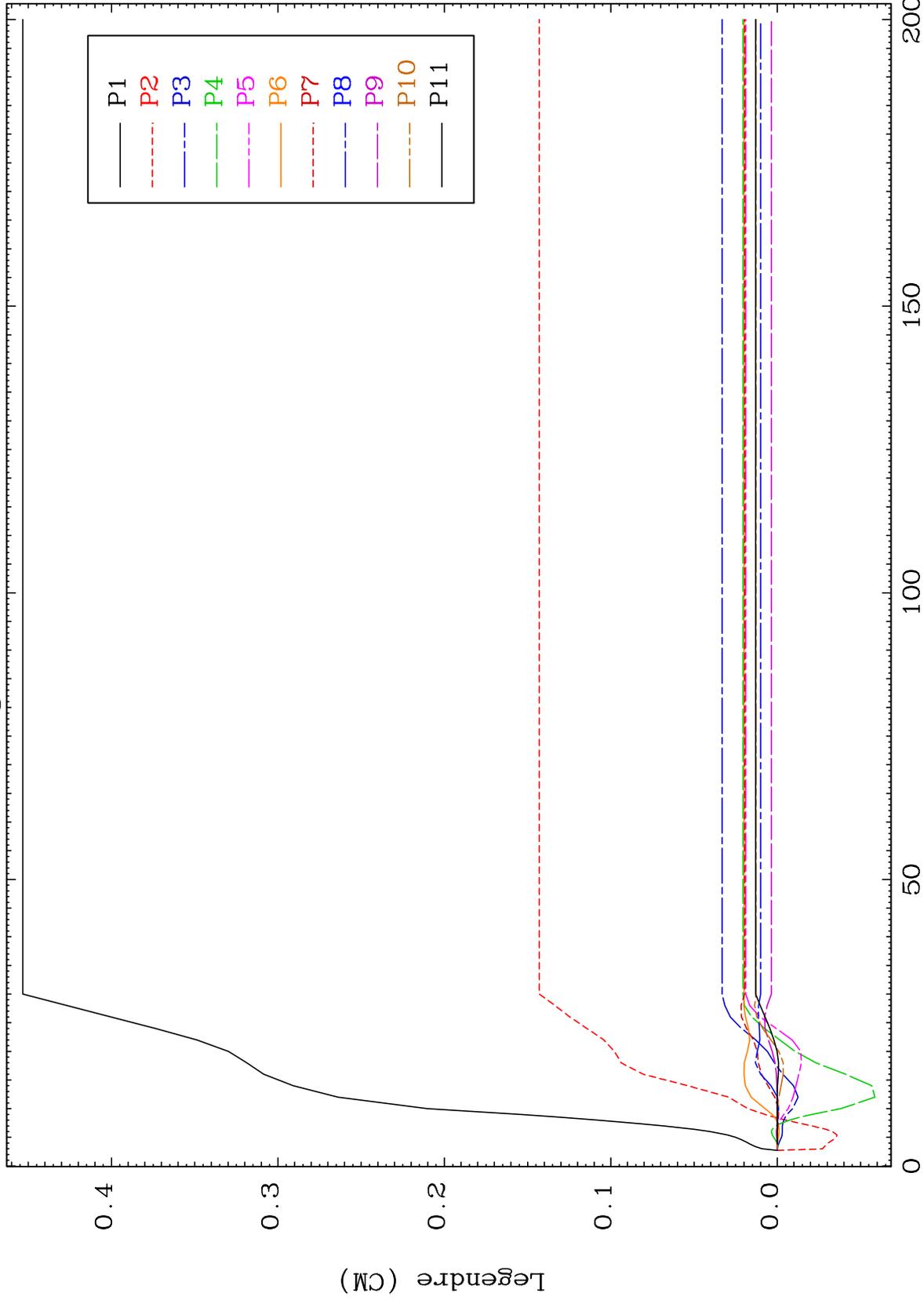
Incident Energy (MeV)

32-Ge-64

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

32-Ge-64



29

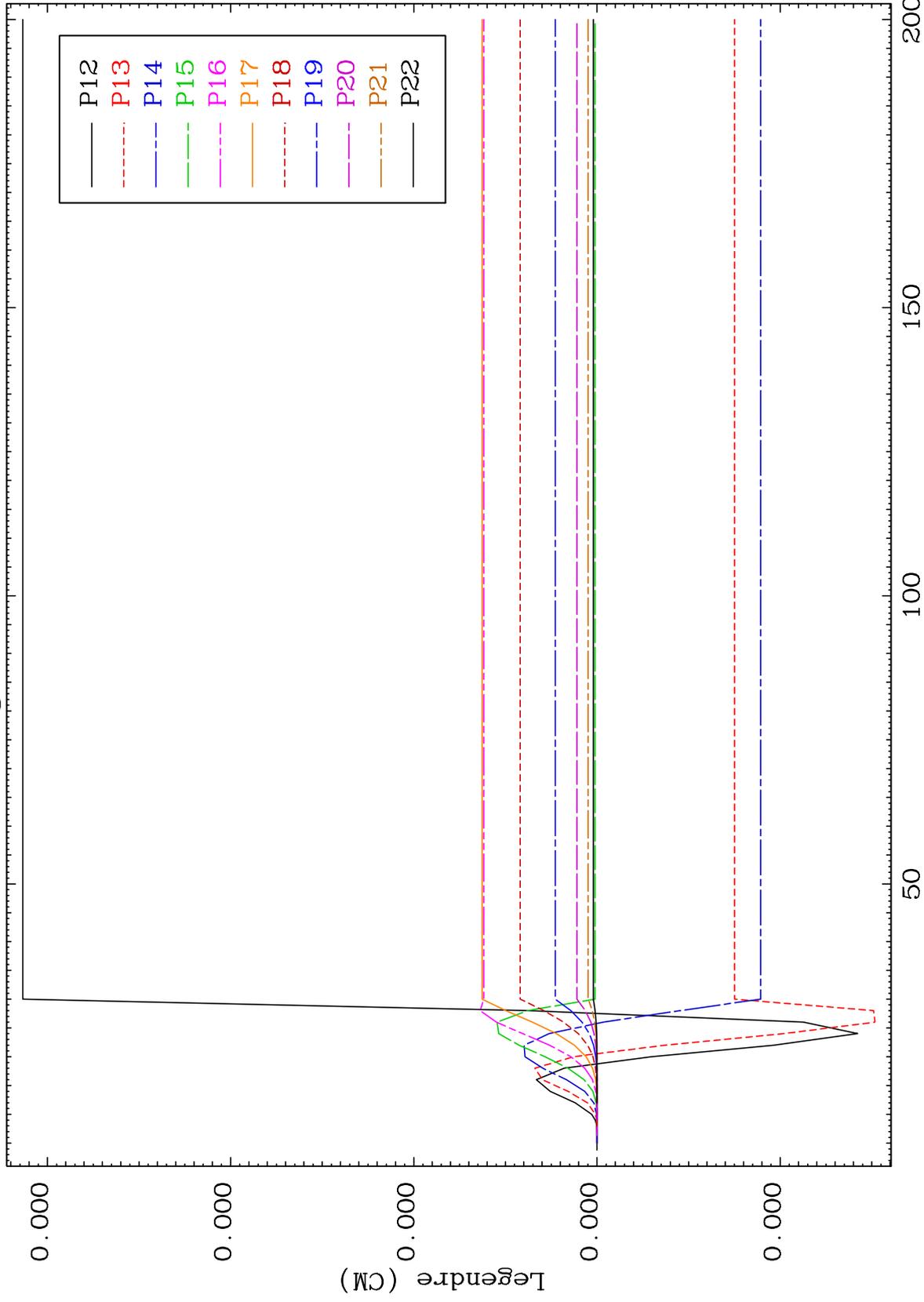
Incident Energy (MeV)

32-Ge-64

MAT 3207

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

32-Ge-64



30

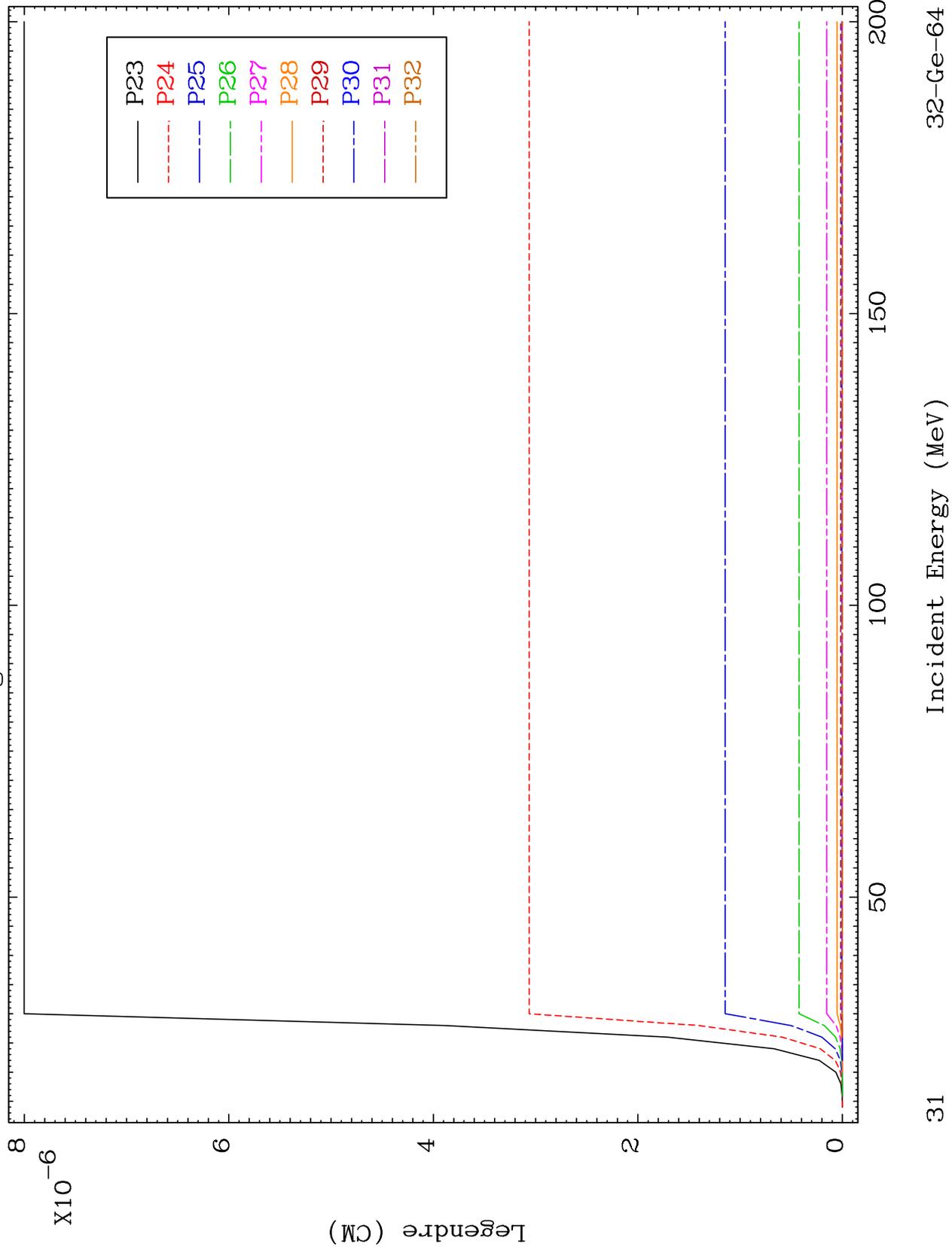
Incident Energy (MeV)

32-Ge-64

MAT 3207

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

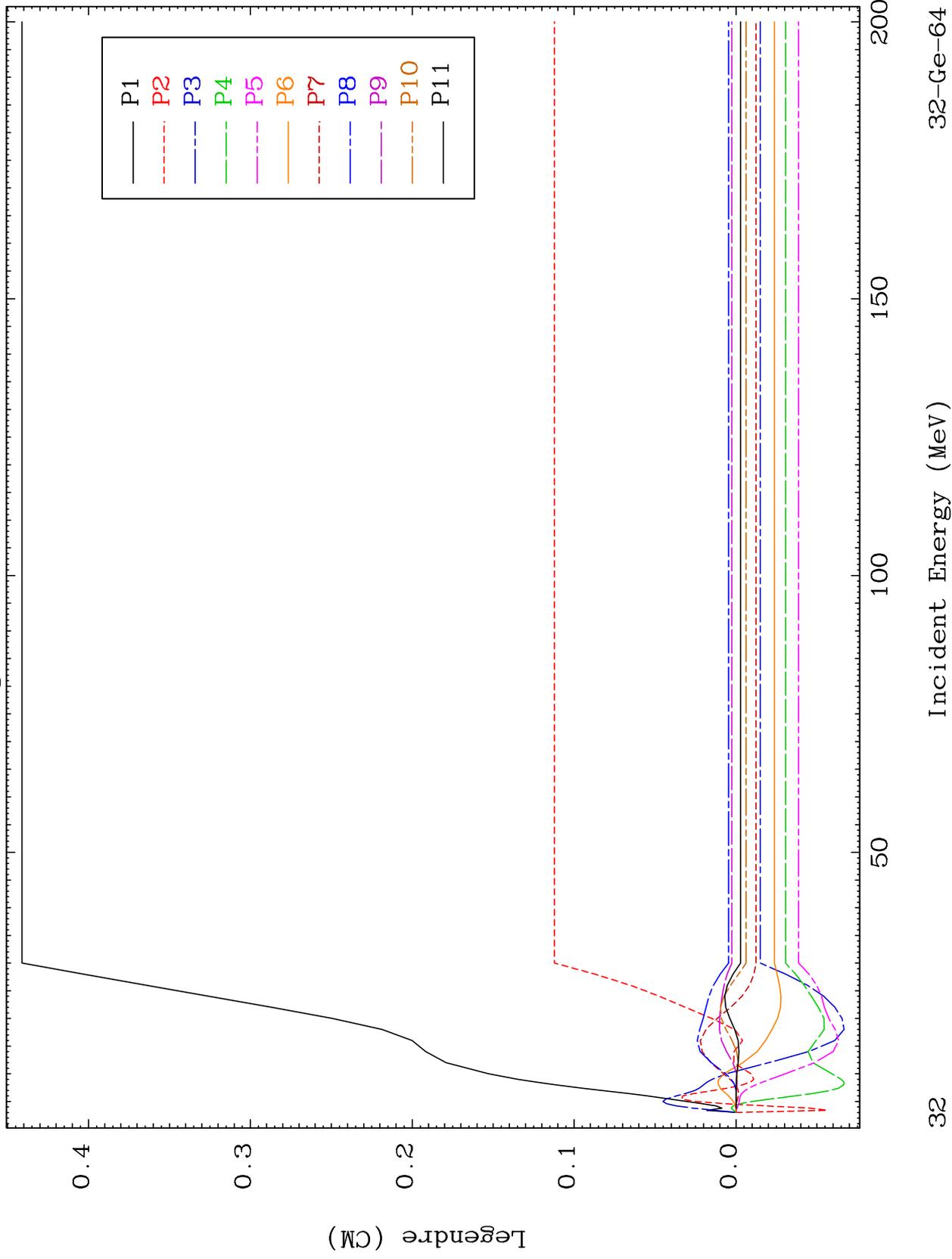
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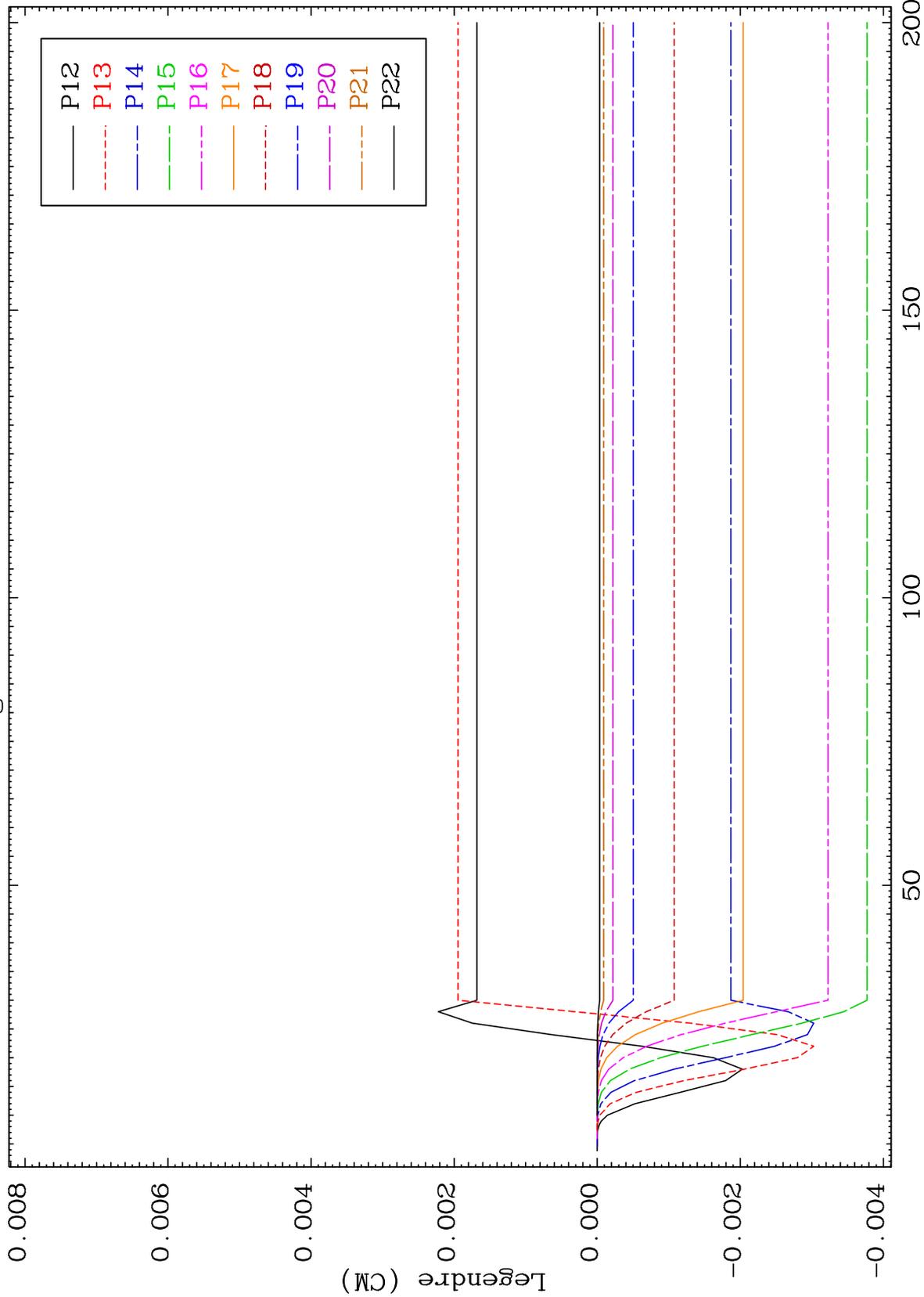
MT= 56 (n,n') Level
Legendre Coefficients

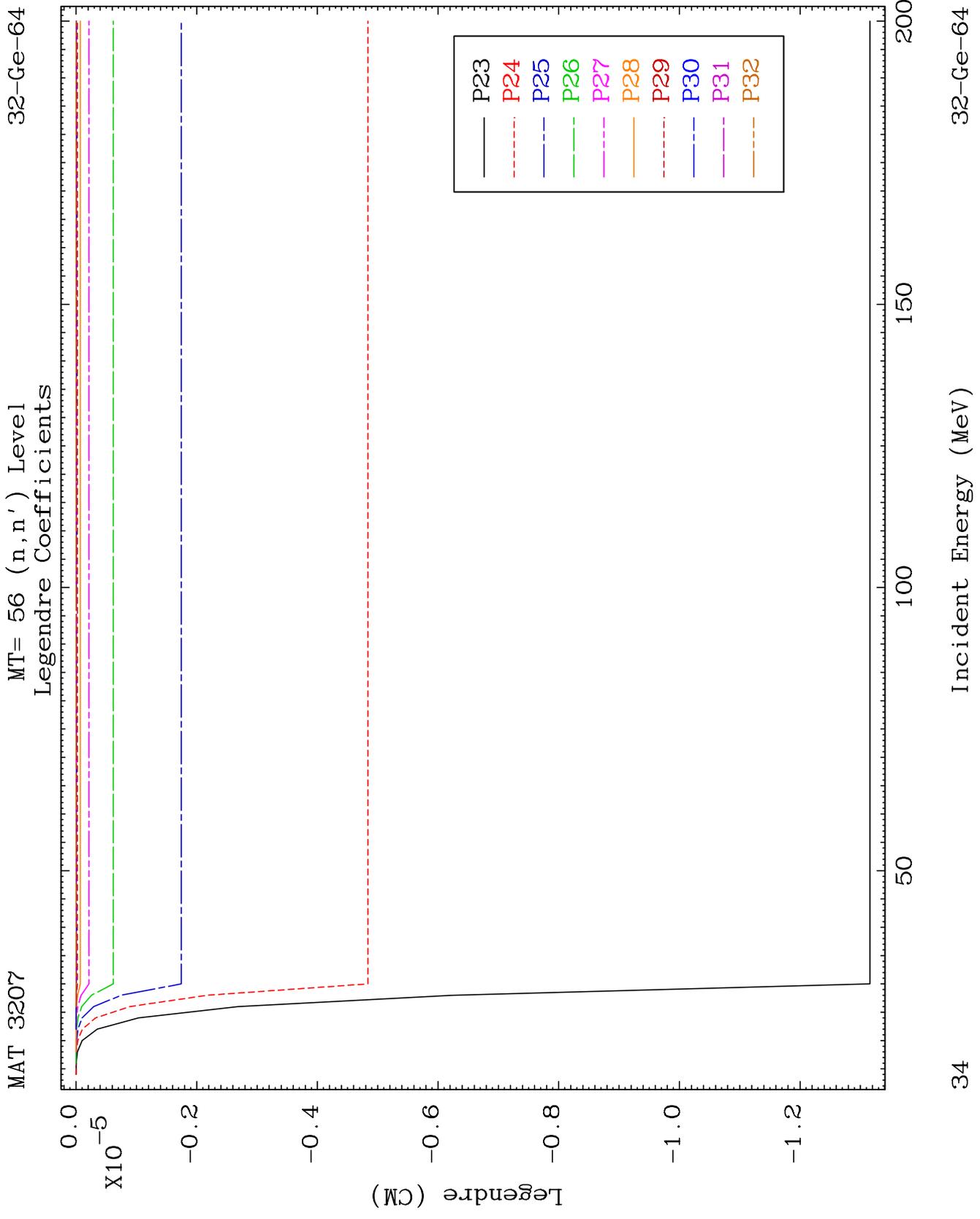
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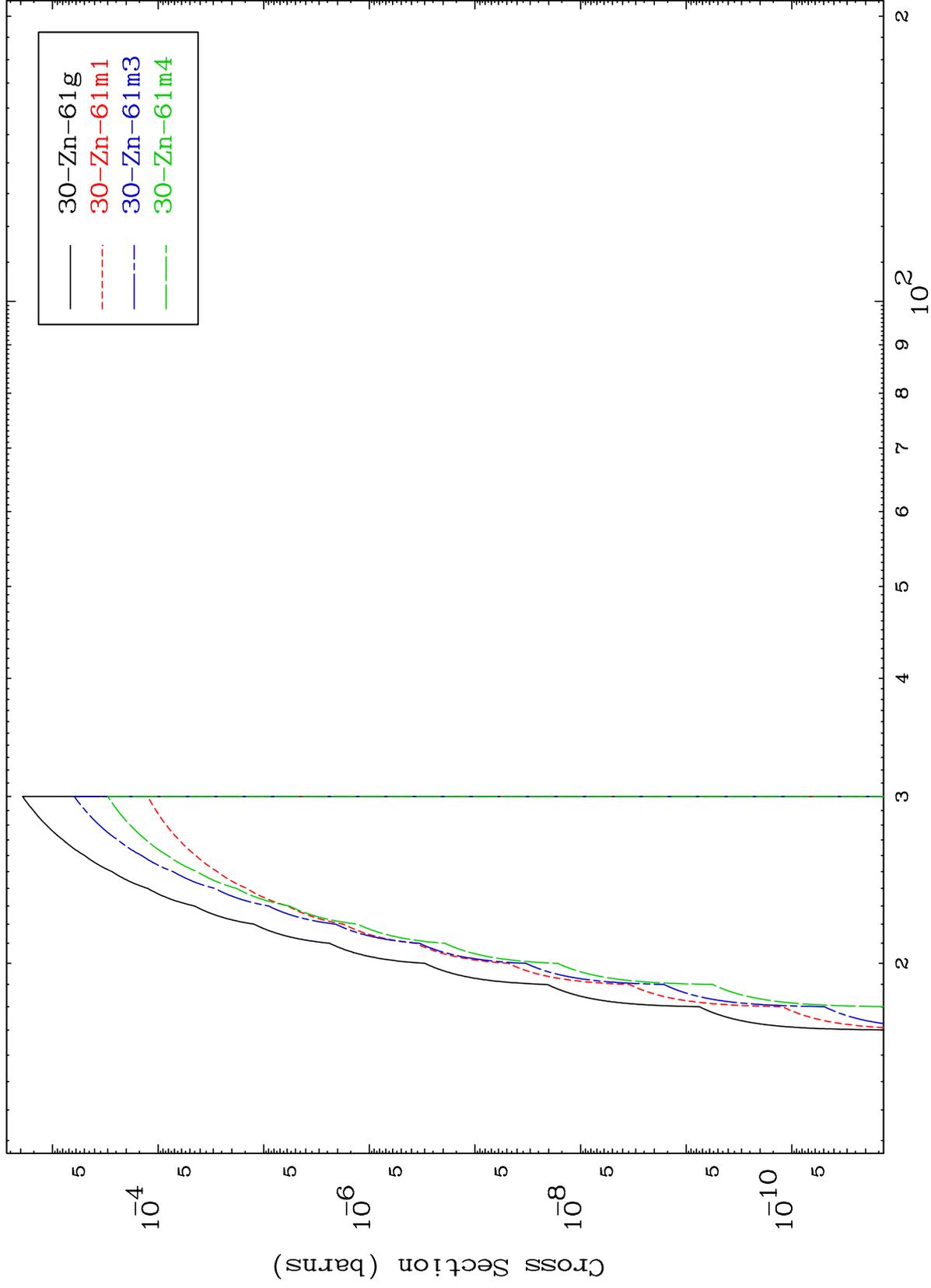
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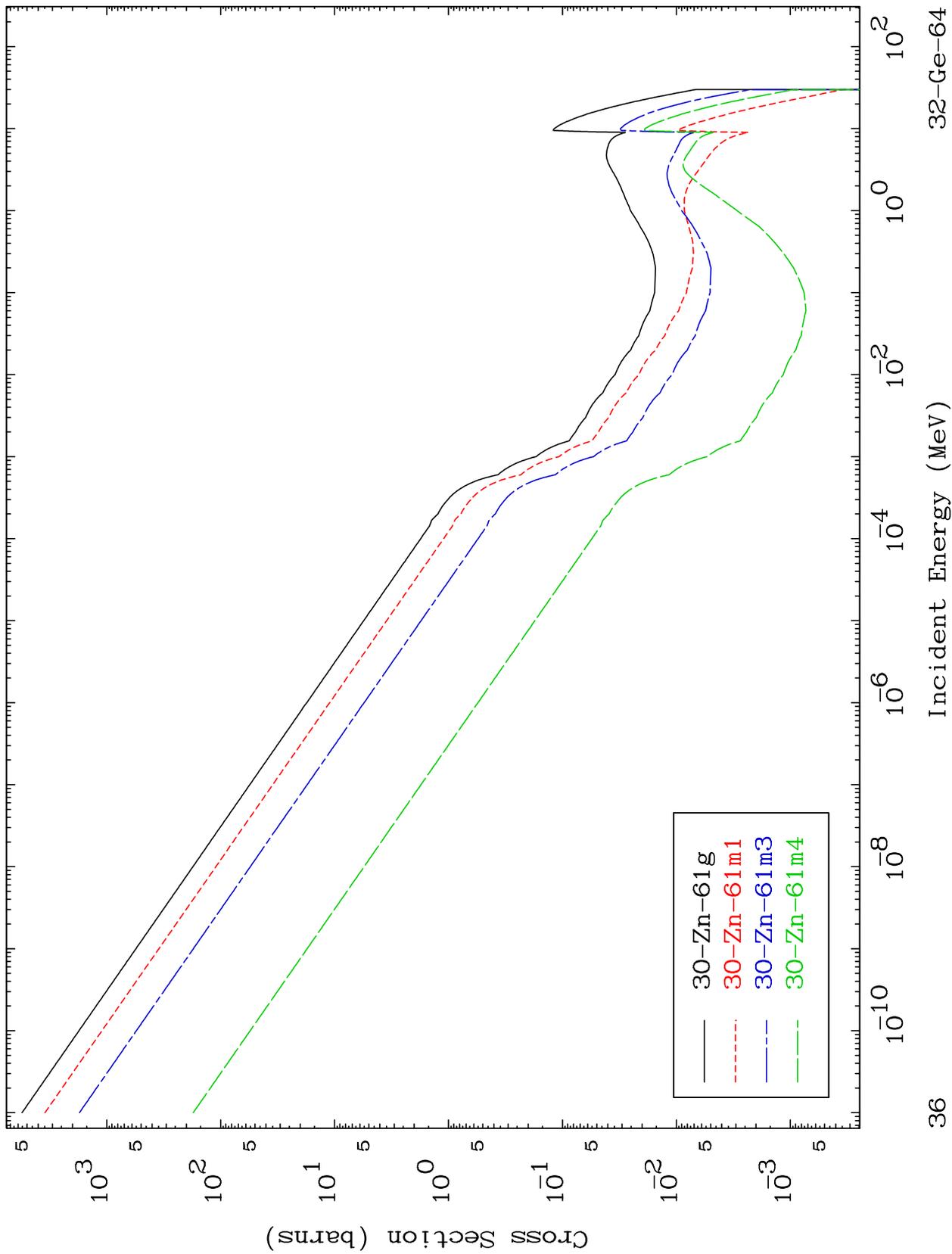




Radionuclide Production Cross Section



Radionuclide Production Cross Section

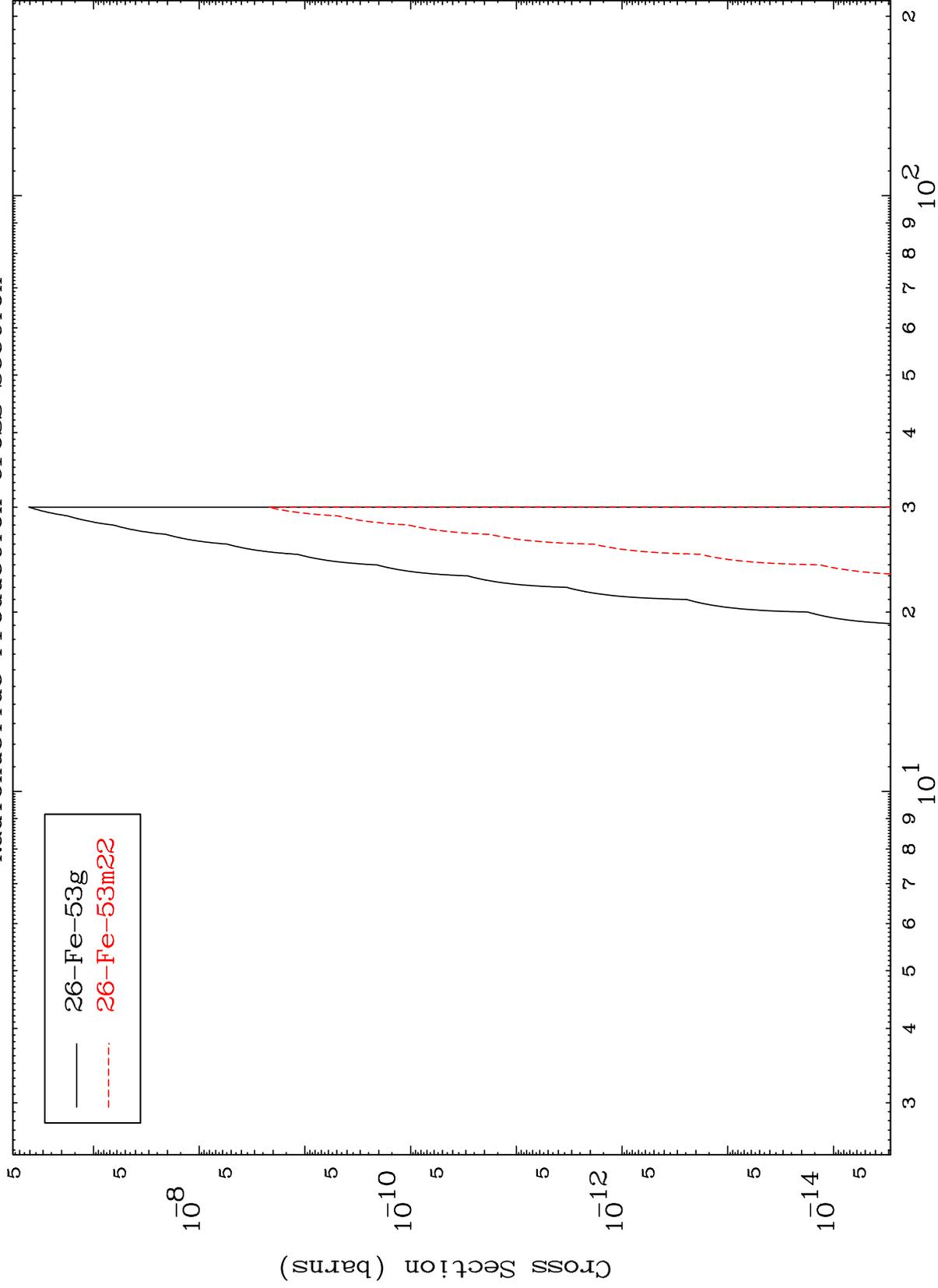


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(n, 3α)

³²Ge-64

Radionuclide Production Cross Section



37

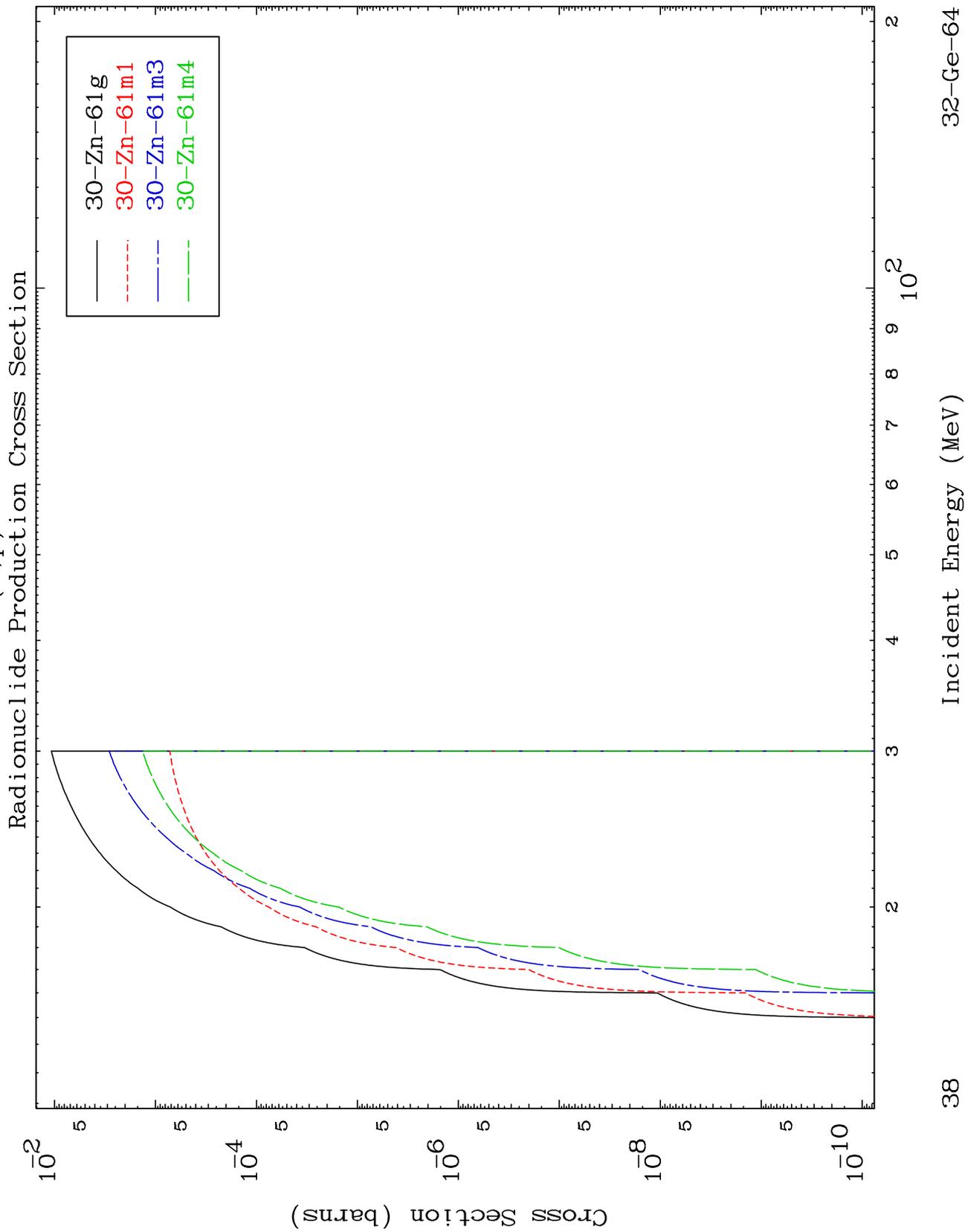
Incident Energy (MeV)

³²Ge-64

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(n,p) t

³²Ge-64



38

³²Ge-64