

Program EVALPLOT
(Version 2017-1)

by

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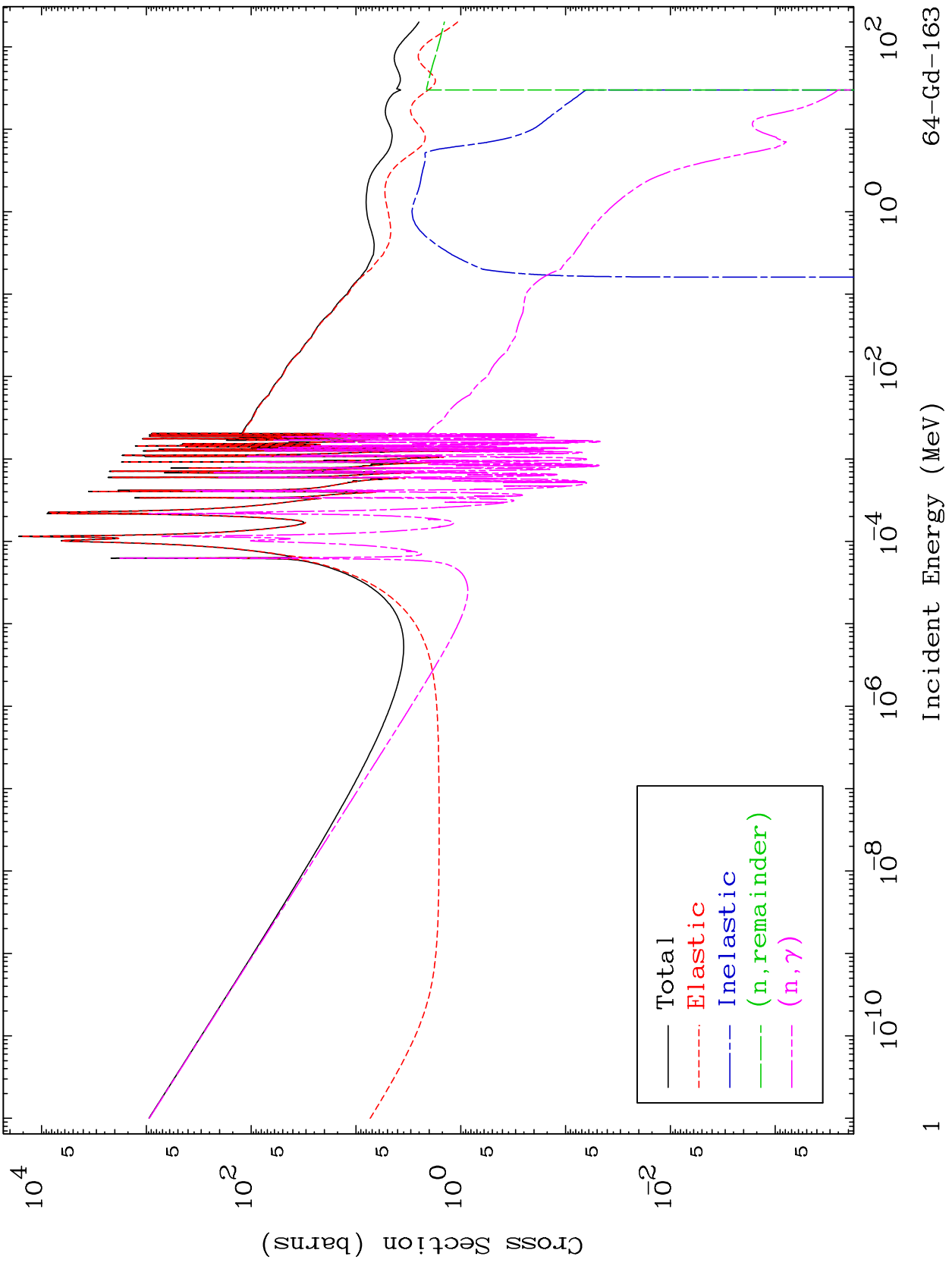
Press Mouse Button to Start

MAT 6458

Major

293 Kelvin Cross Sections

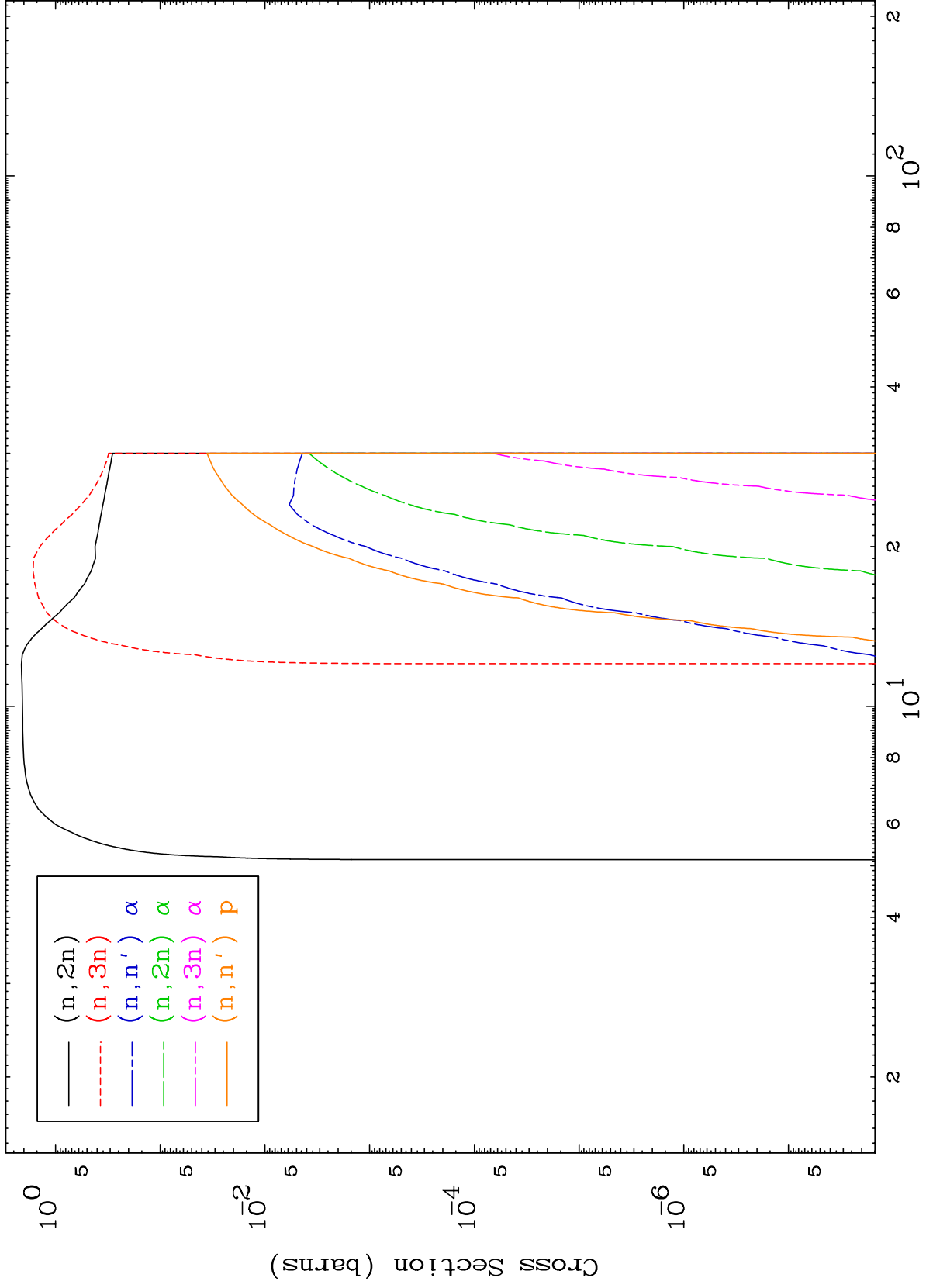
64-Gd-163



MAT 6458

Neutron Production
293 Kelvin Cross Sections

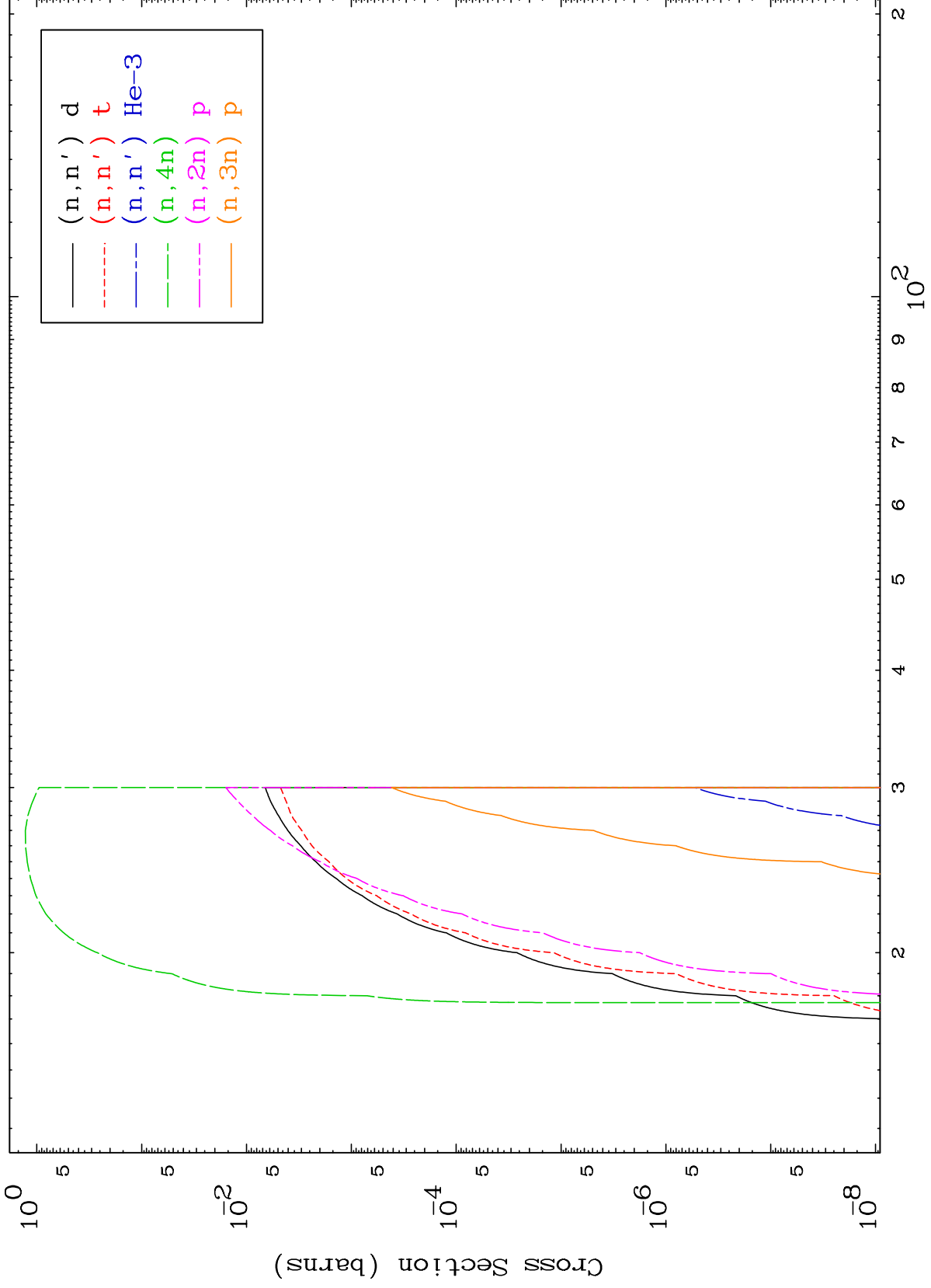
64-Gd-163



2

Incident Energy (MeV)

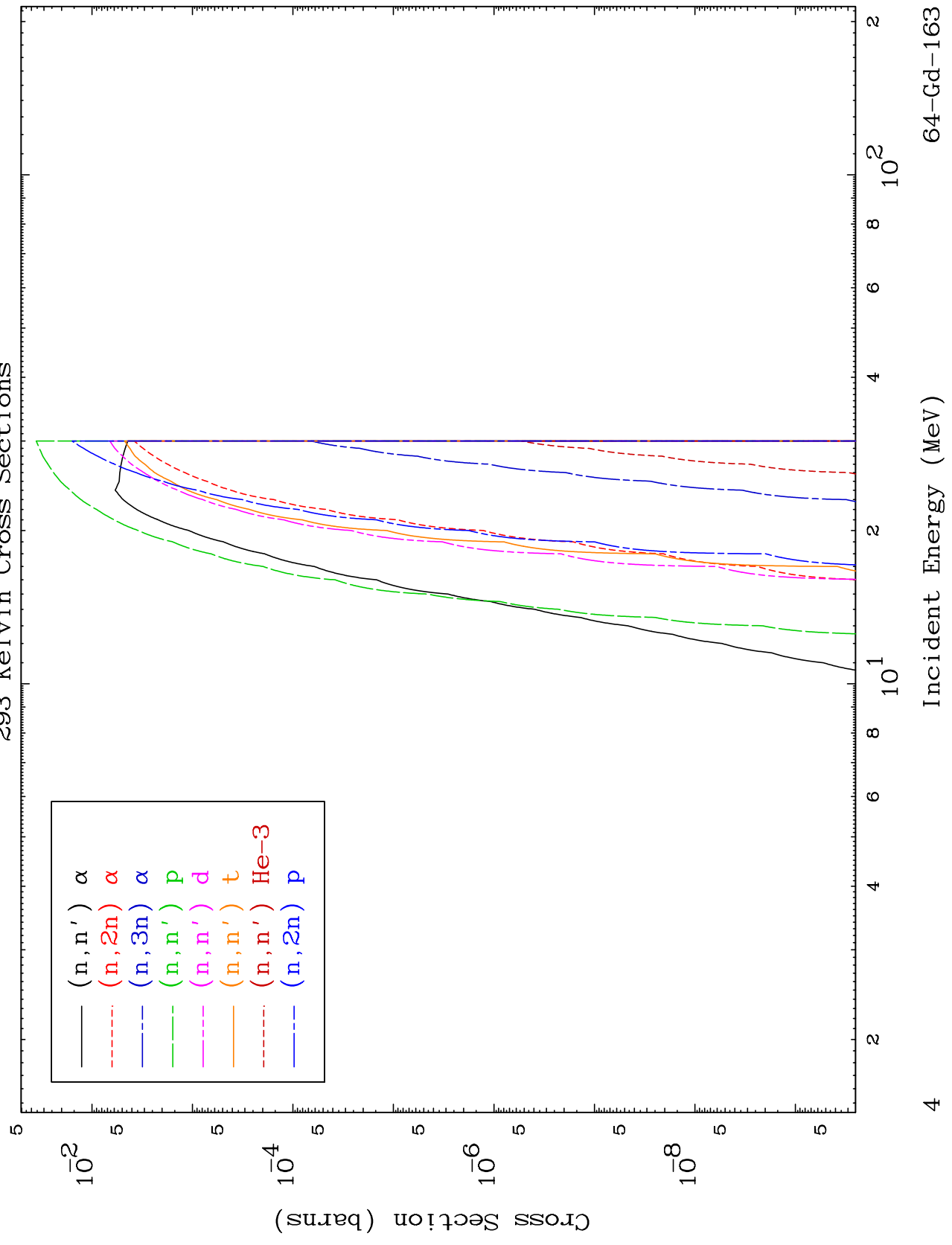
64-Gd-163



MAT 6458

Charged Particle
293 Kelvin Cross Sections

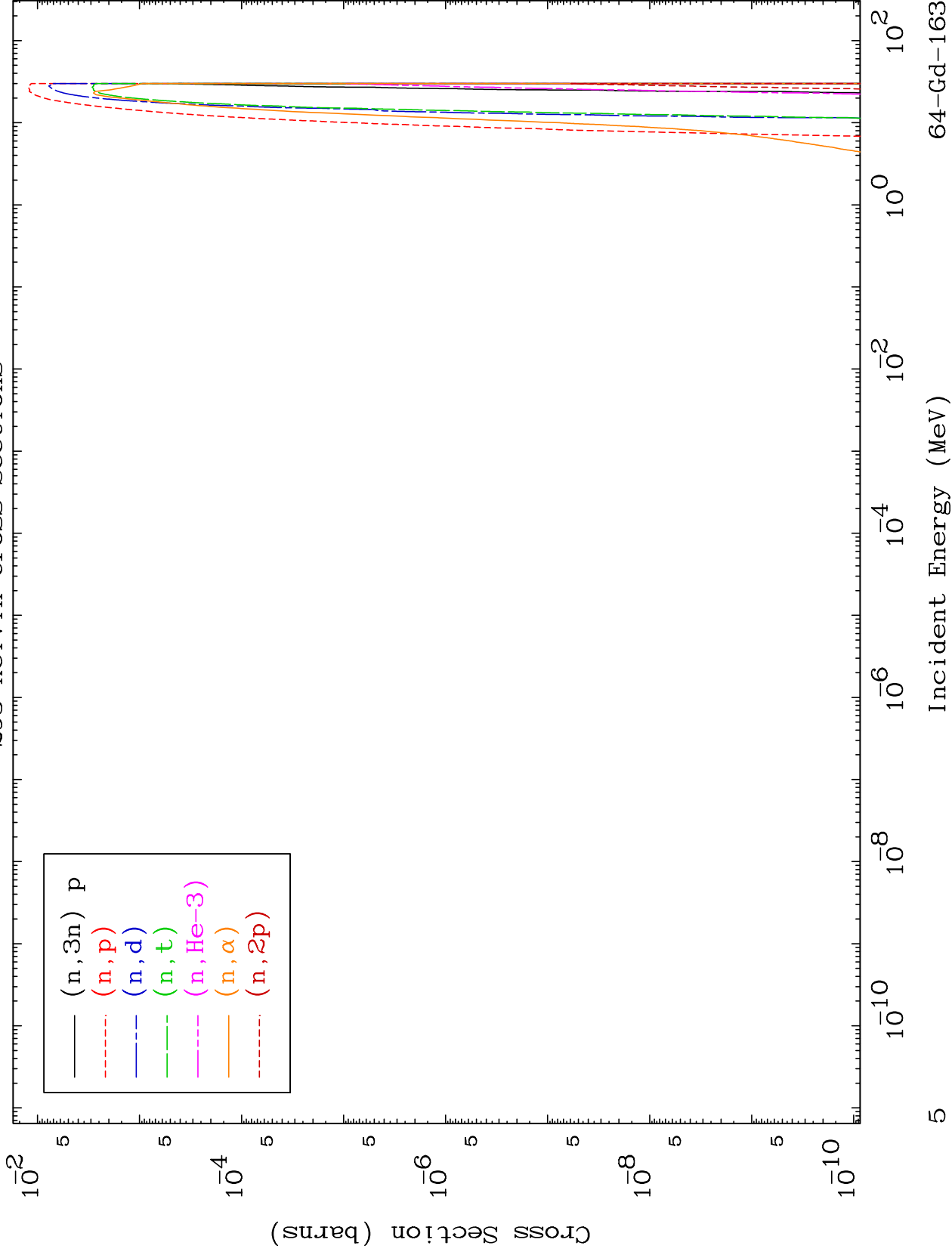
64-Gd-163



MAT 6458

Charged Particle
293 Kelvin Cross Sections

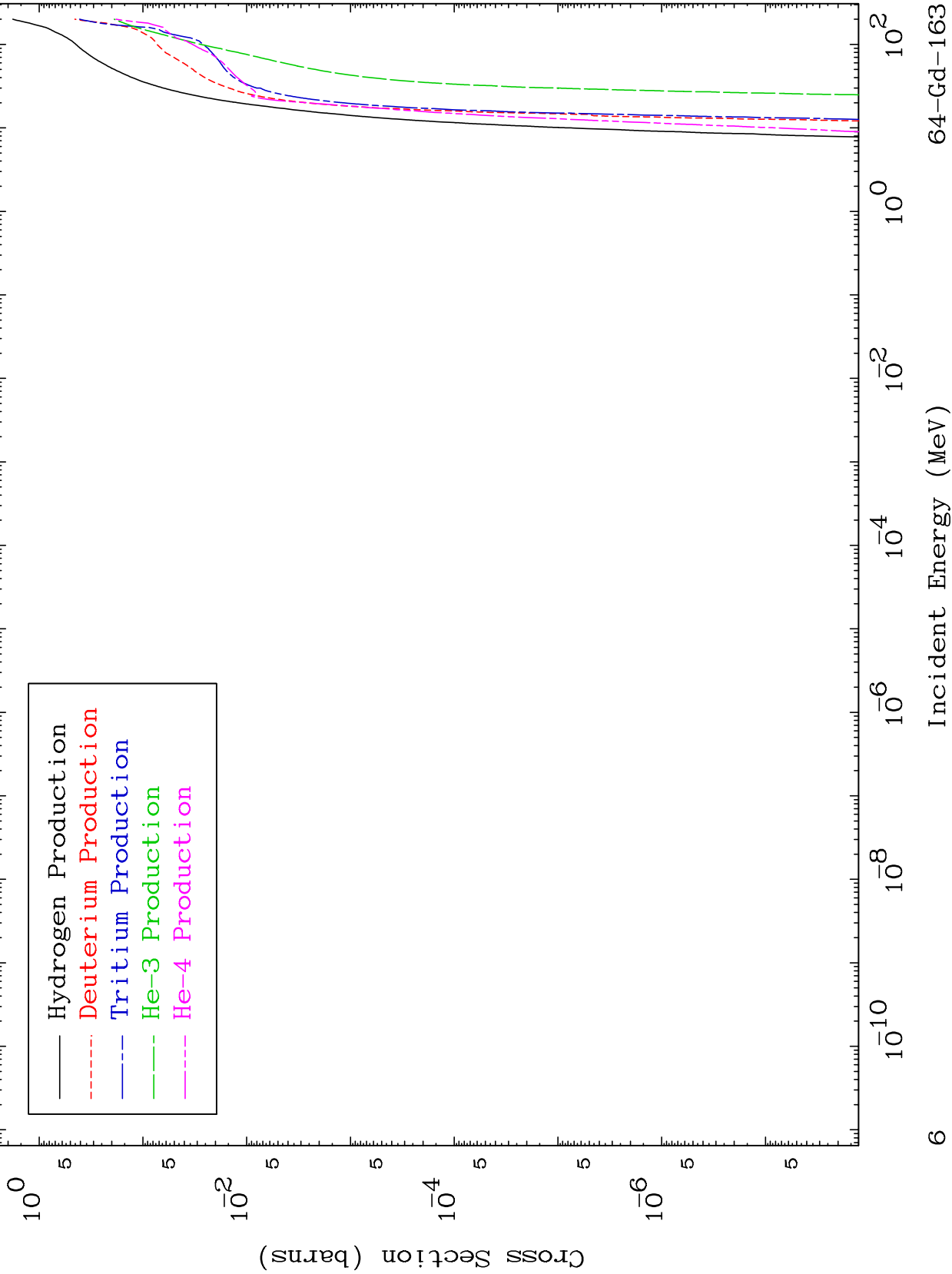
64-Gd-163



MAT 6458

Particle Production
293 Kelvin Cross Sections

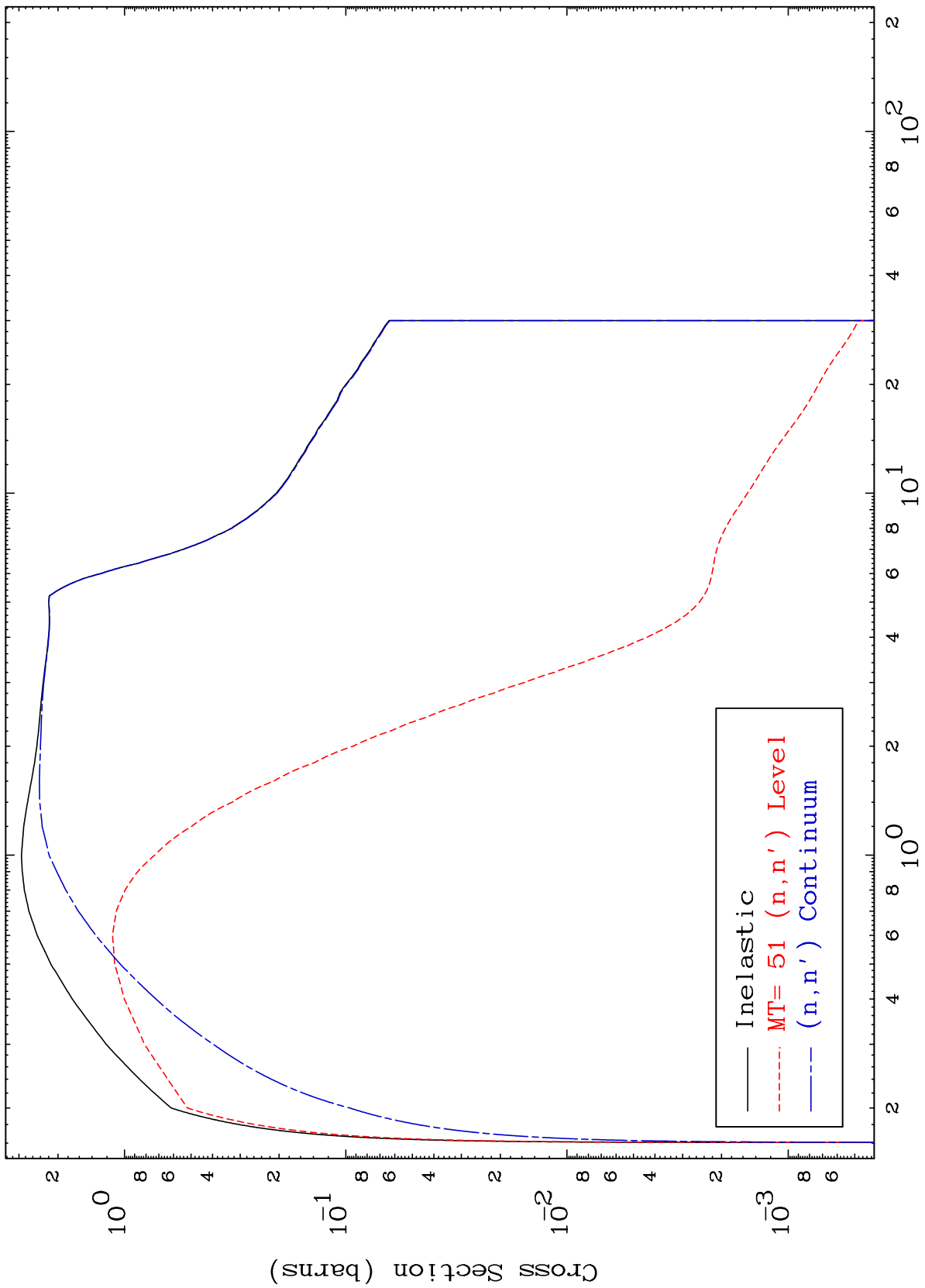
64-Gd-163



MAT 6458

64-Gd-163

(n,n') Level
293 Kelvin Cross Sections



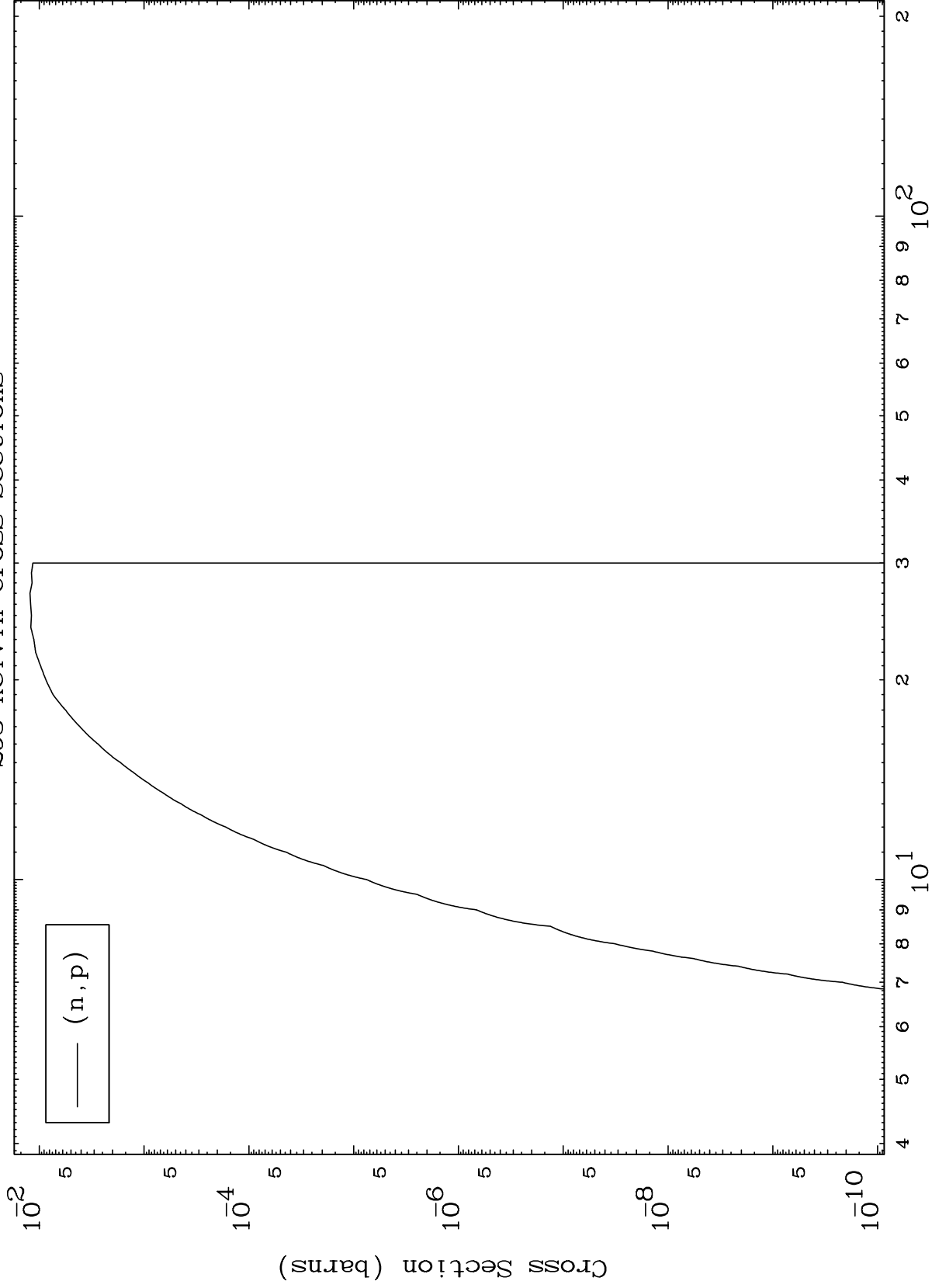
64-Gd-163

Incident Energy (MeV)

MAT 6458

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-163



8

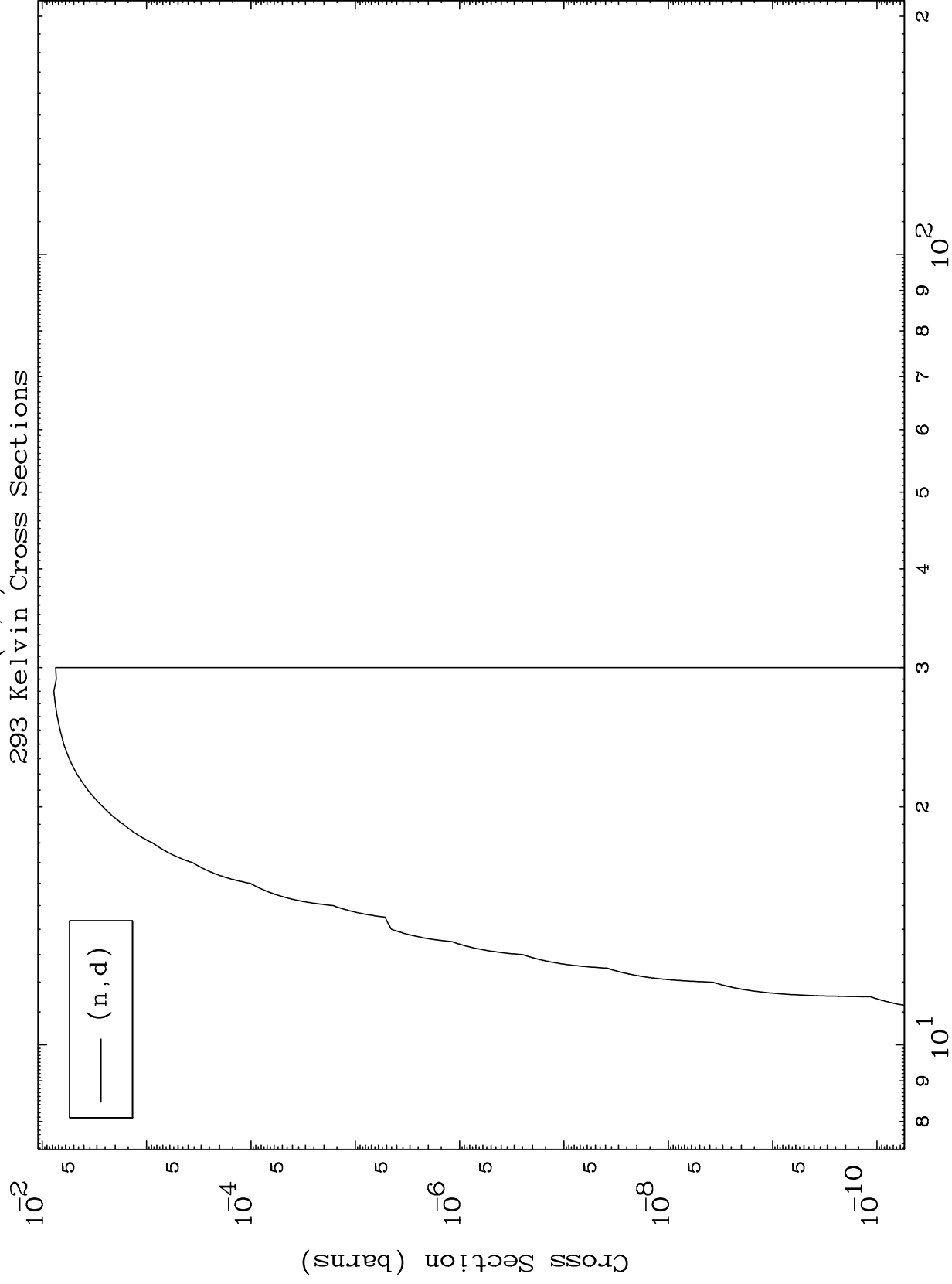
Incident Energy (MeV)

64-Gd-163

MAT 6458

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-163



9

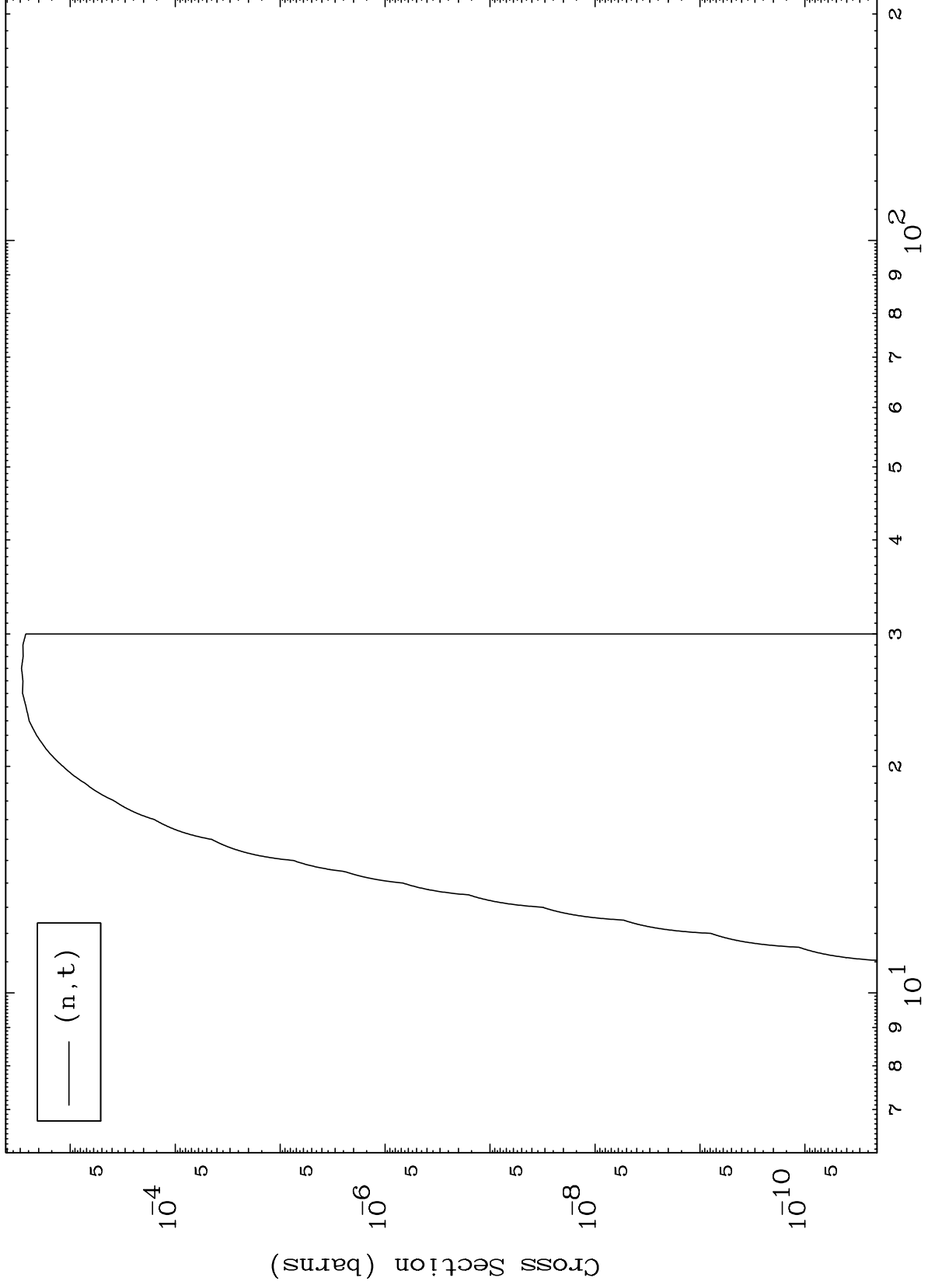
Incident Energy (MeV)

64-Gd-163

MAT 6458

(n, t) Levels
293 Kelvin Cross Sections

64-Gd-163



10

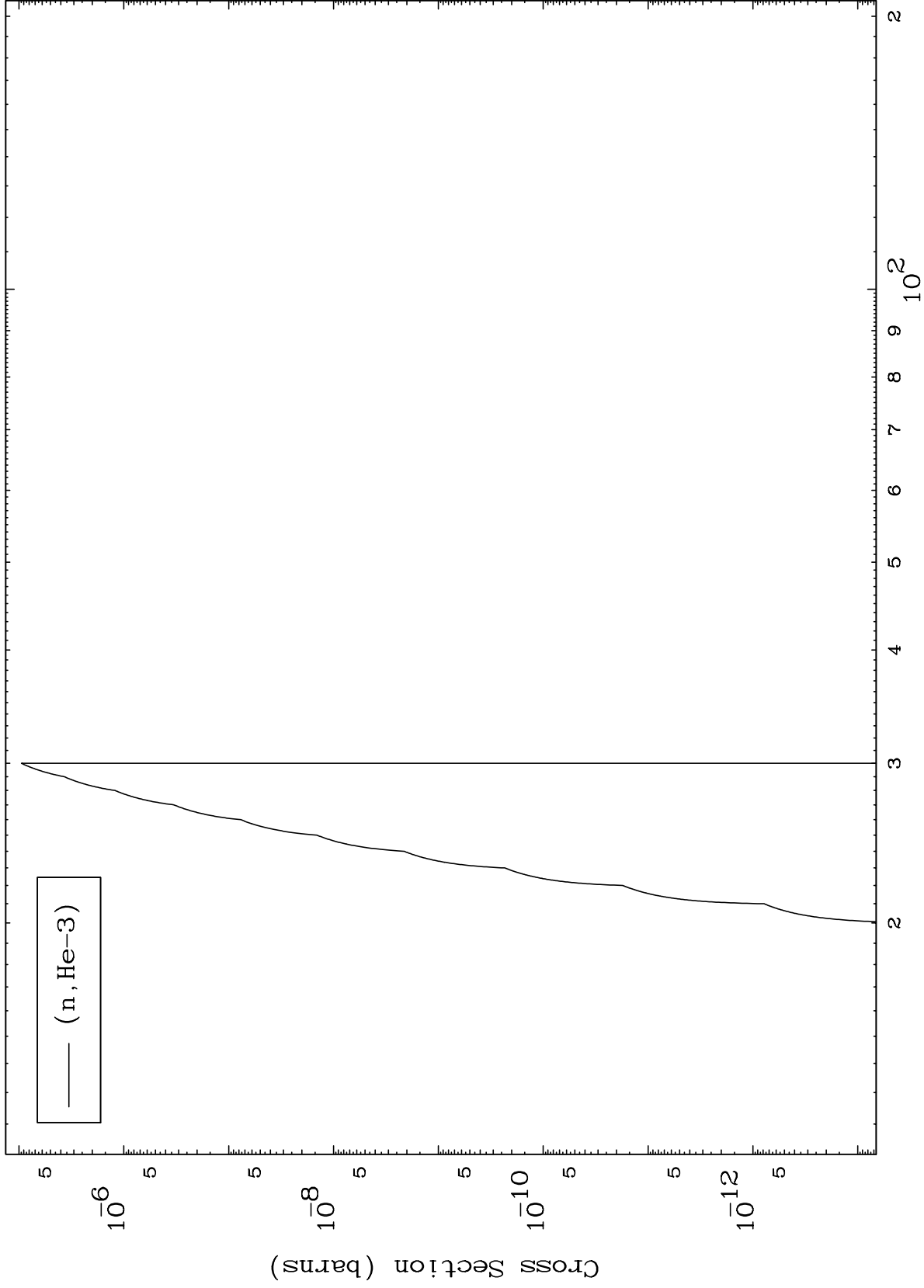
Incident Energy (MeV)

64-Gd-163

MAT 6458

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-163



11

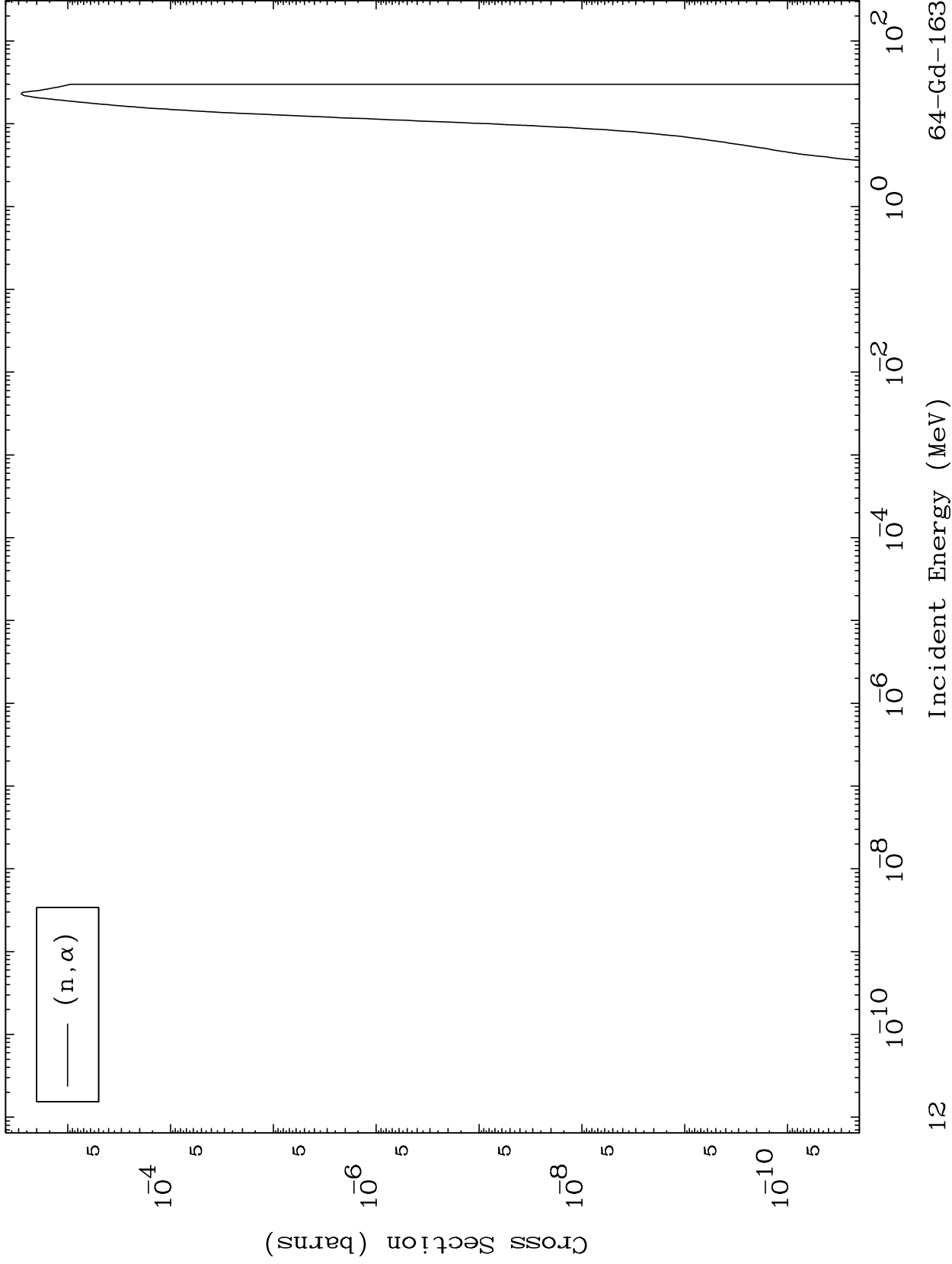
Incident Energy (MeV)

64-Gd-163

MAT 6458

(n, α) Levels
293 Kelvin Cross Sections

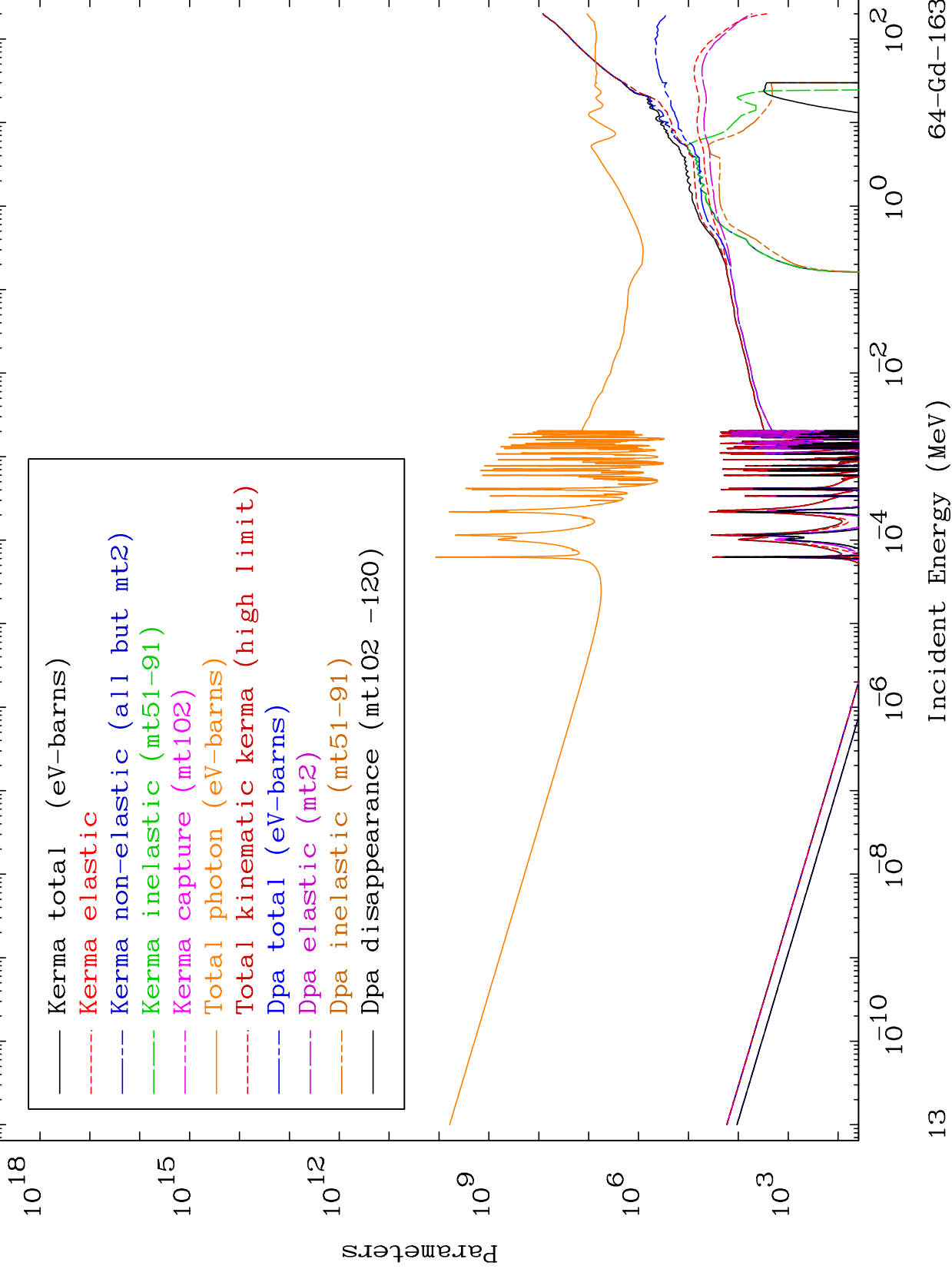
64-Gd-163



12

Incident Energy (MeV)

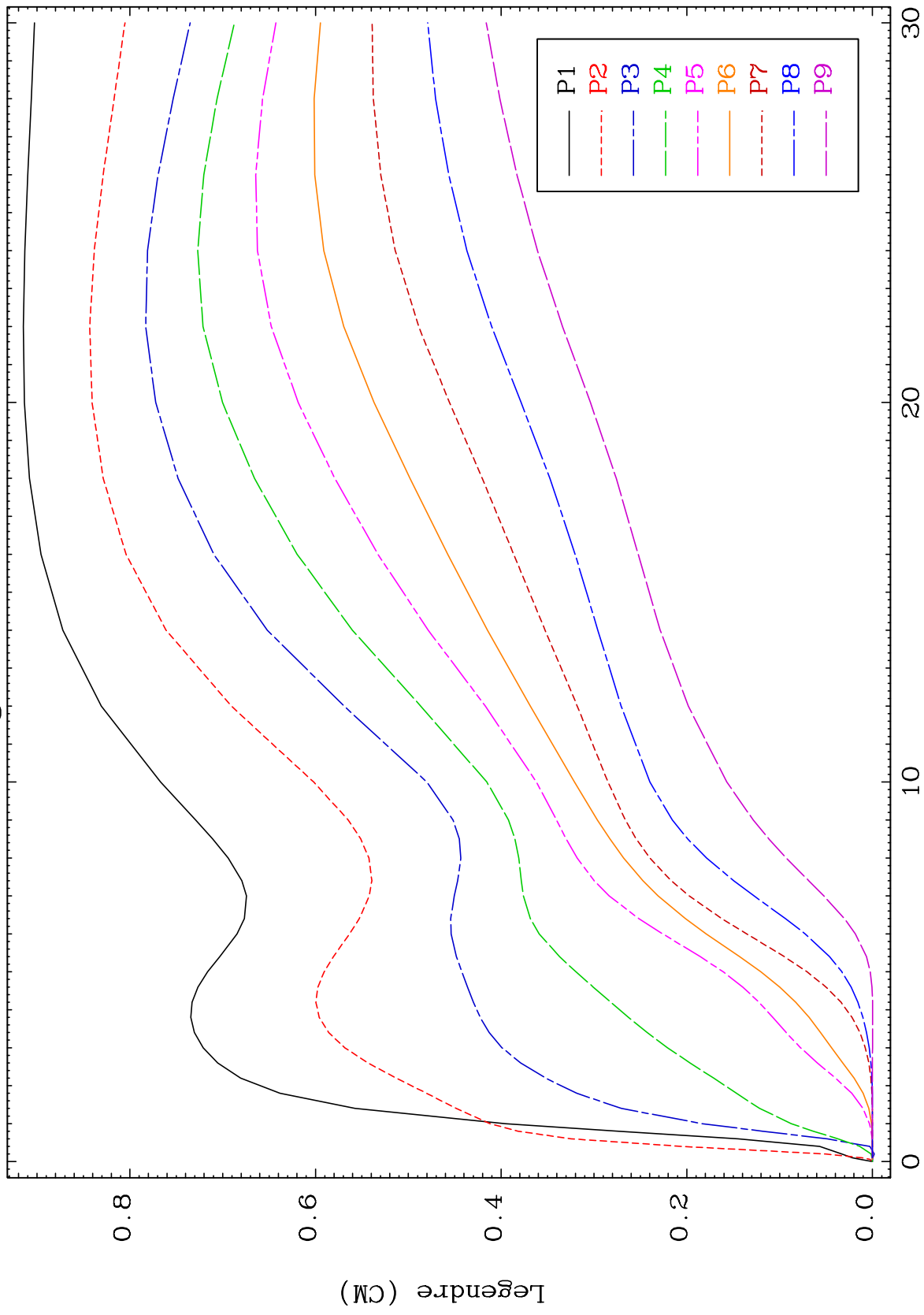
64-Gd-163



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Elastic Legendre Coefficients

64-Gd-163



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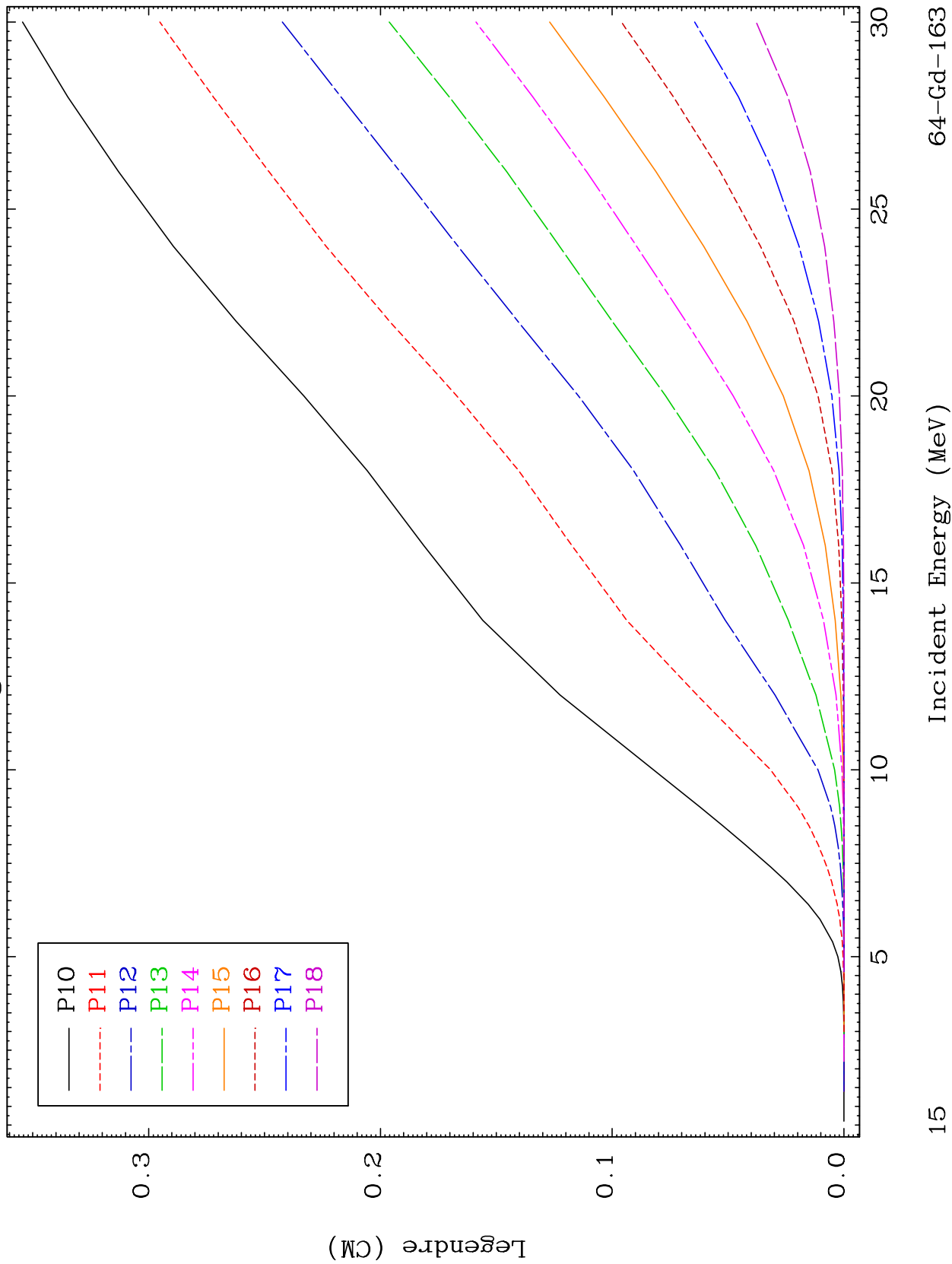
Incident Energy (MeV)

64-Gd-163

MAT 6458

Elastic Legendre Coefficients

64-Gd-163

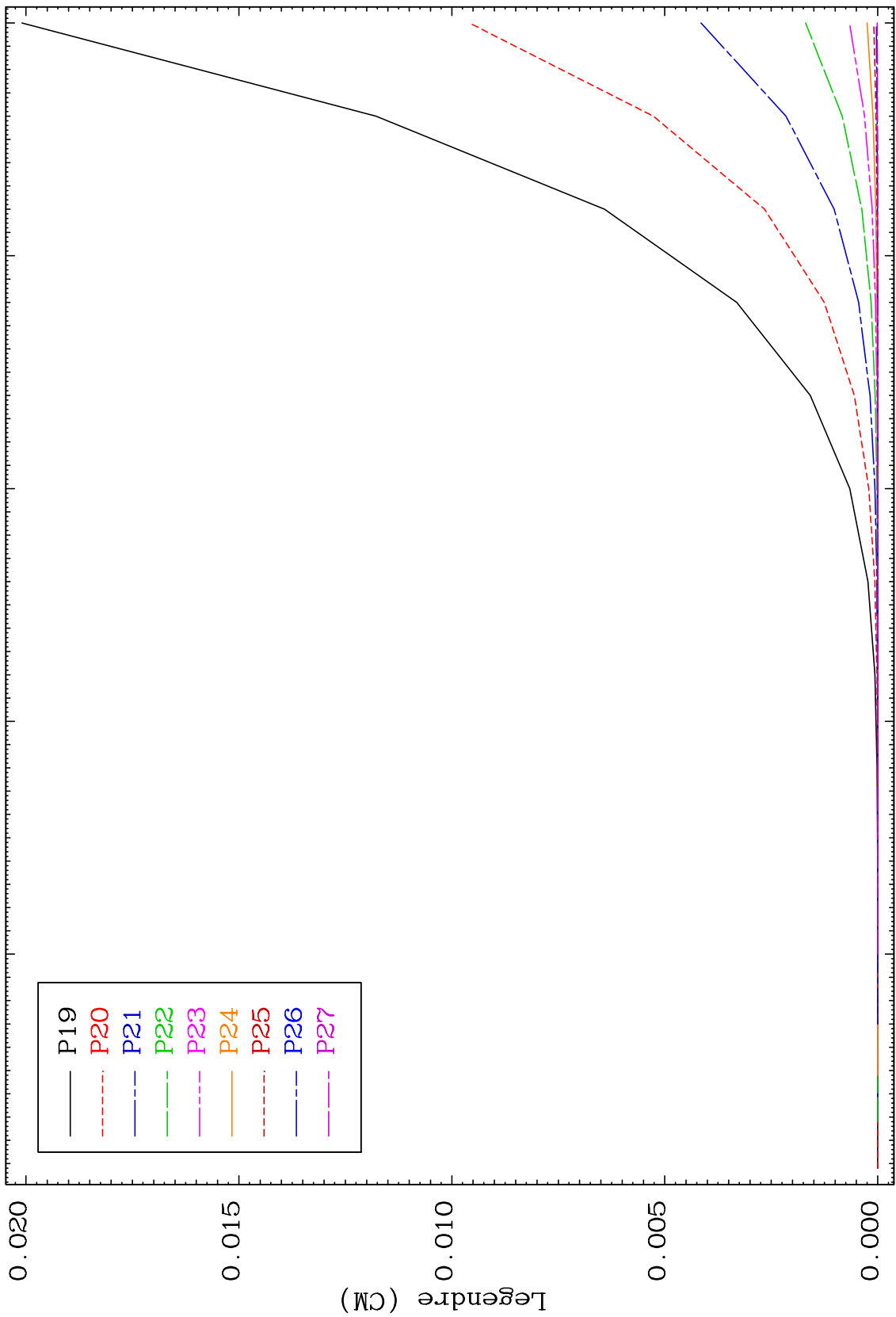


15

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Elastic Legendre Coefficients

64-Gd-163



16

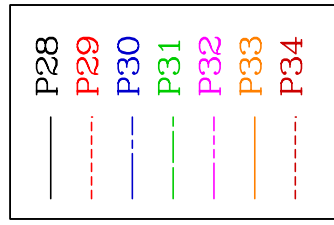
Incident Energy (MeV)

64-Gd-163

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Elastic
Legendre Coefficients

64-Gd-163



$\times 10^{-6}$

Legendre (CM)

3

2

1

0

15

20

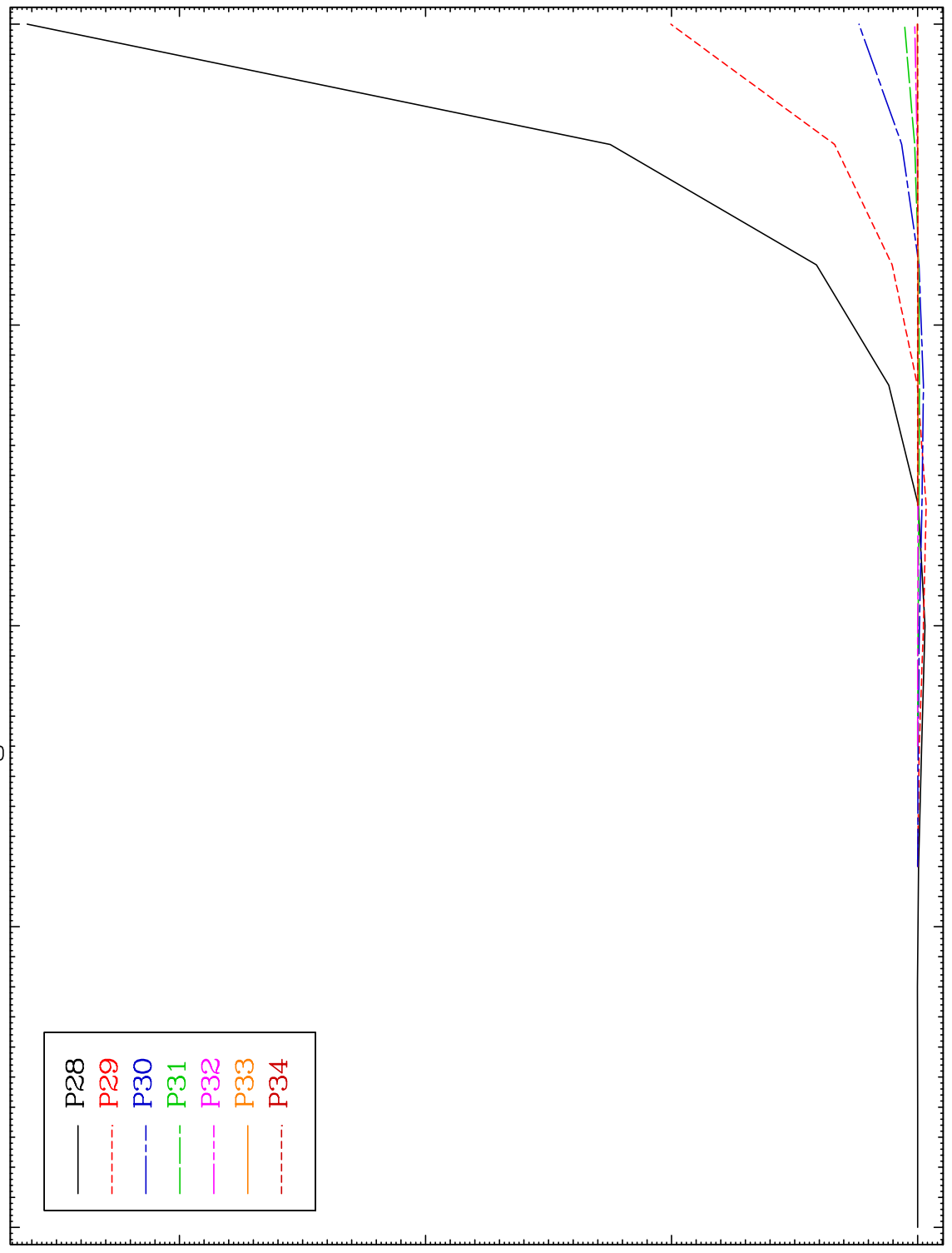
25

30

17

Incident Energy (MeV)

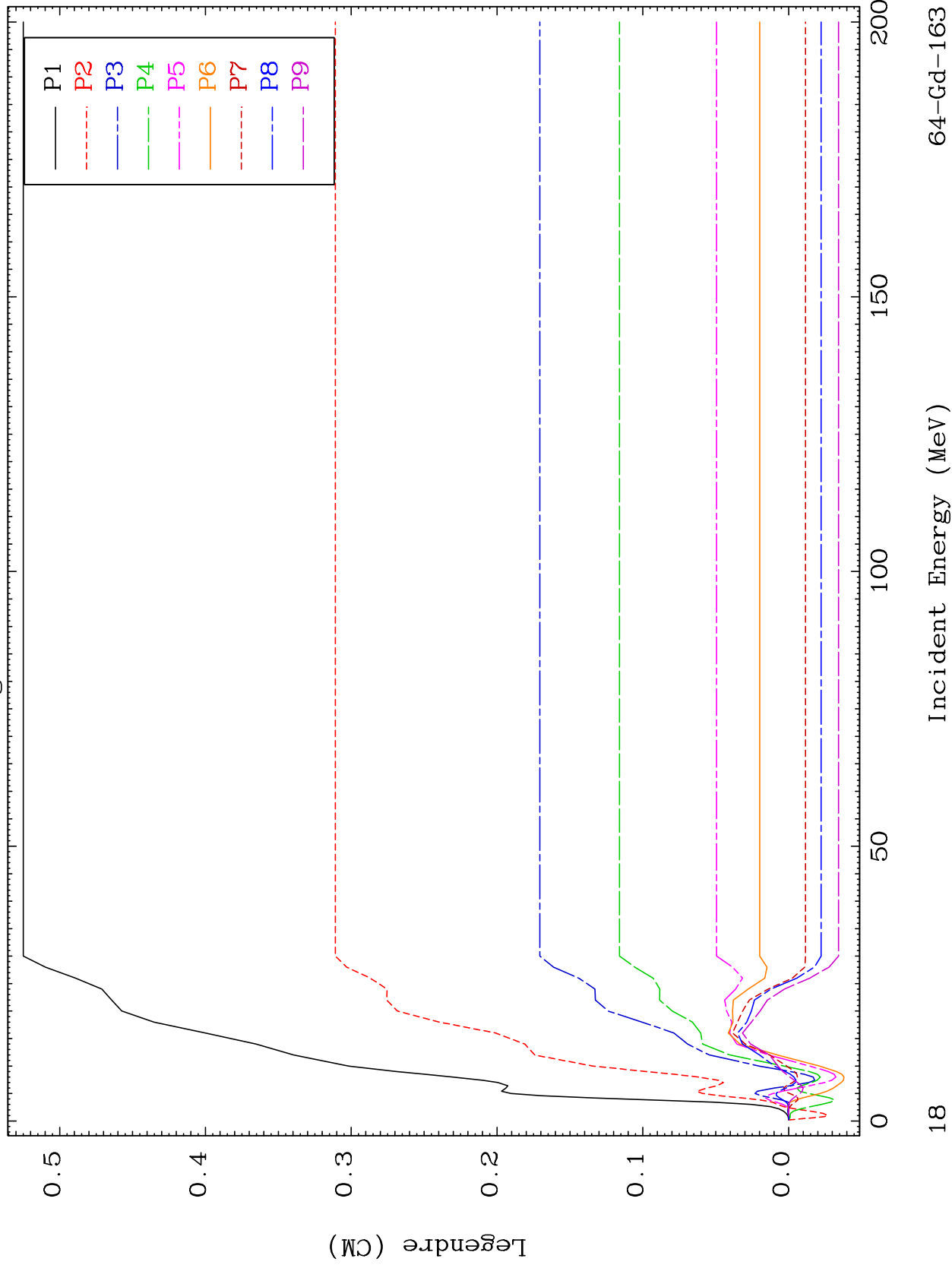
64-Gd-163



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

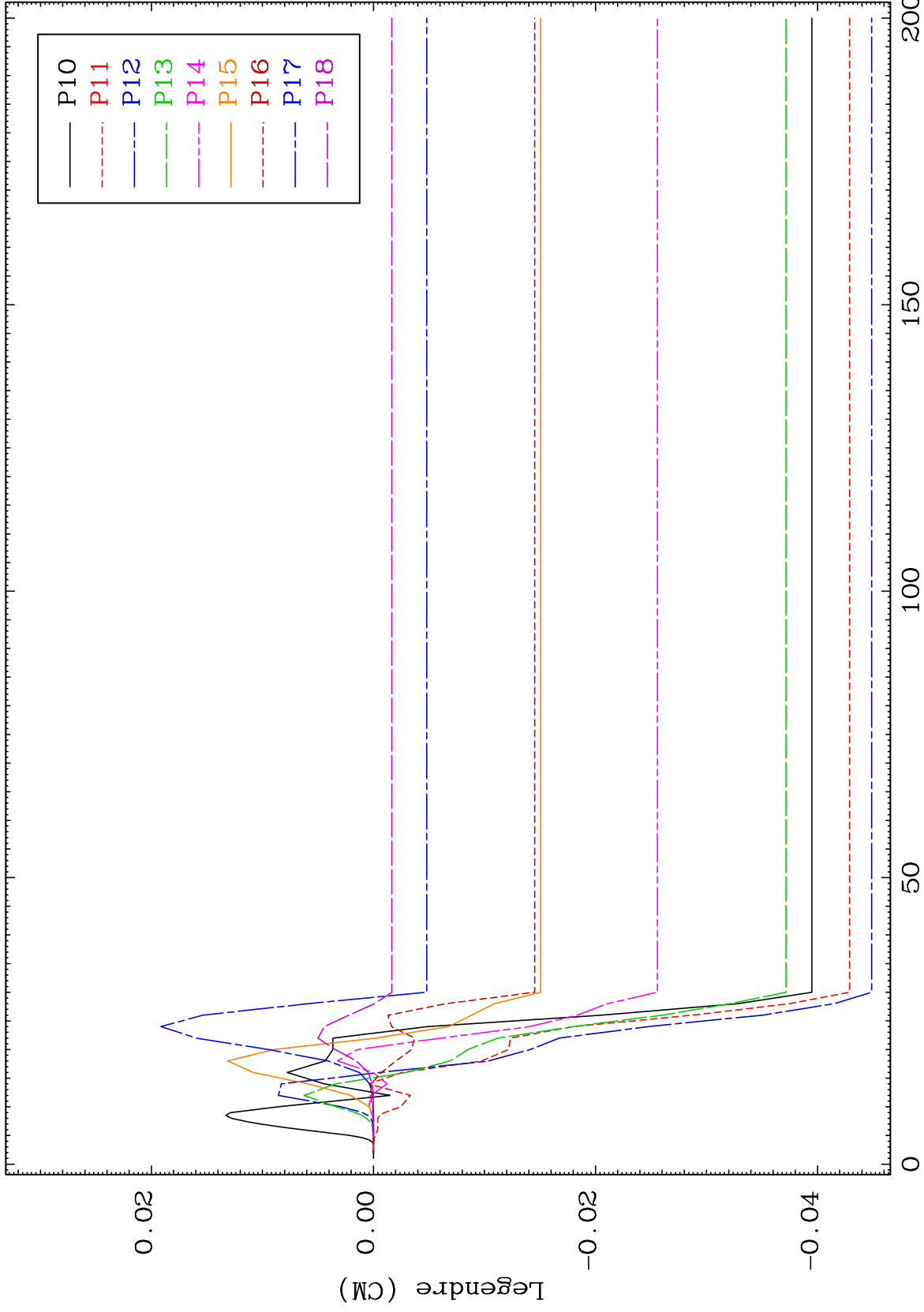
64-Gd-163



MAT 6458

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

64-Gd-163



19

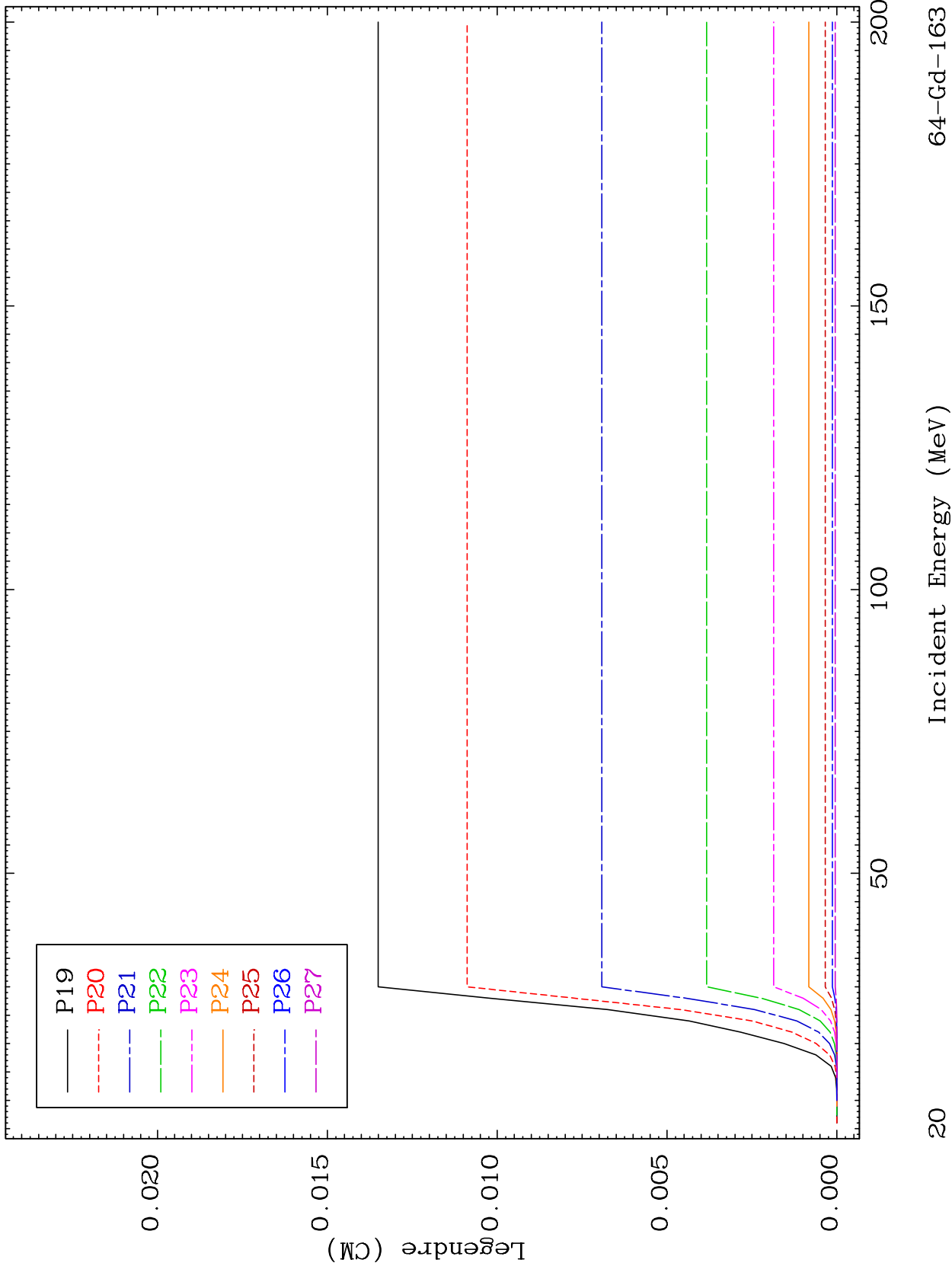
Incident Energy (MeV)

64-Gd-163

MAT 6458

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

64-Gd-163



64-Gd-163

Incident Energy (MeV)

20

MAT 6458

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

64-Gd-163

