

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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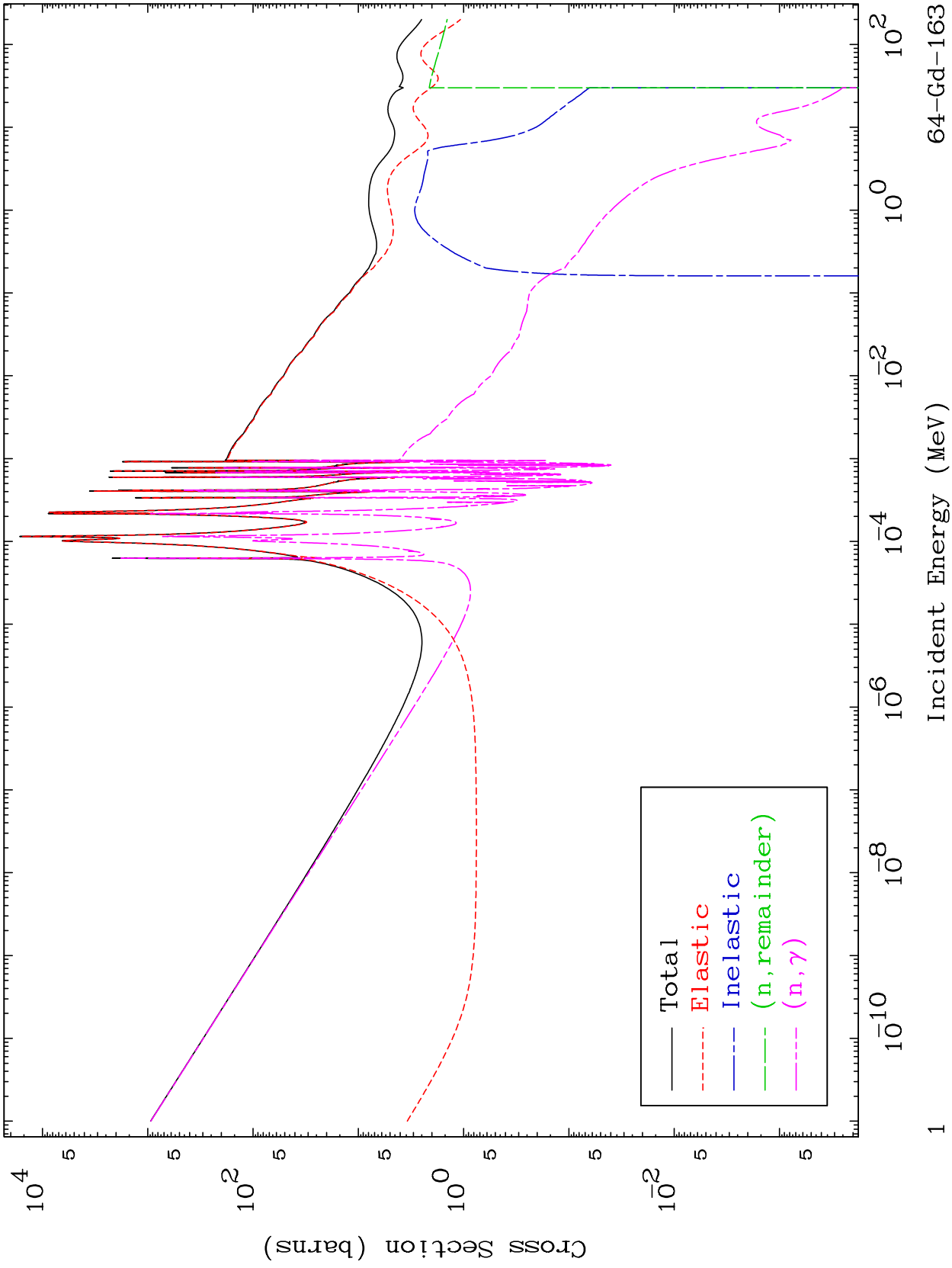
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6458

Major  
293 Kelvin Cross Sections

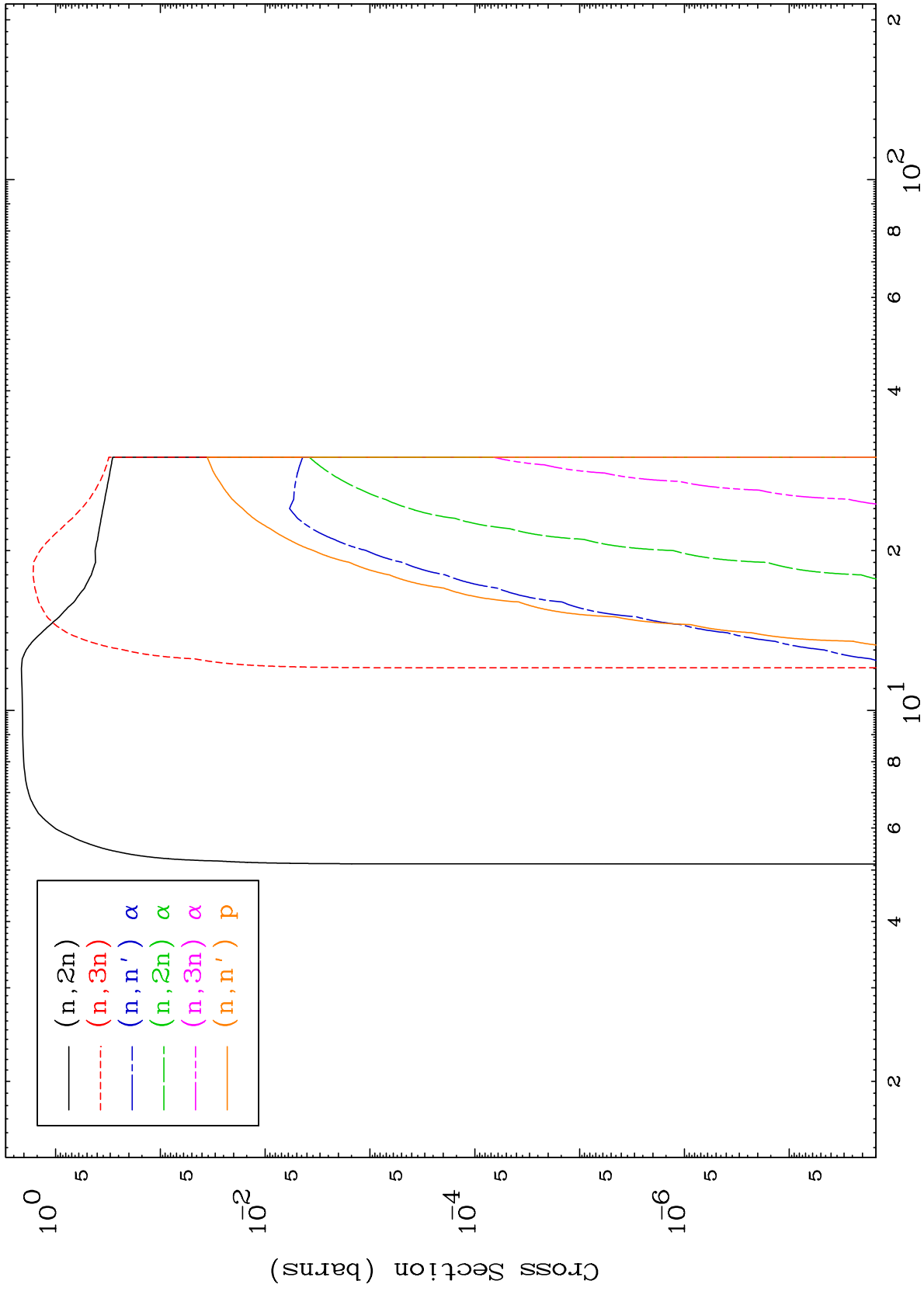
64-Gd-163



MAT 6458

### Neutron Production 293 Kelvin Cross Sections

64-Gd-163



2

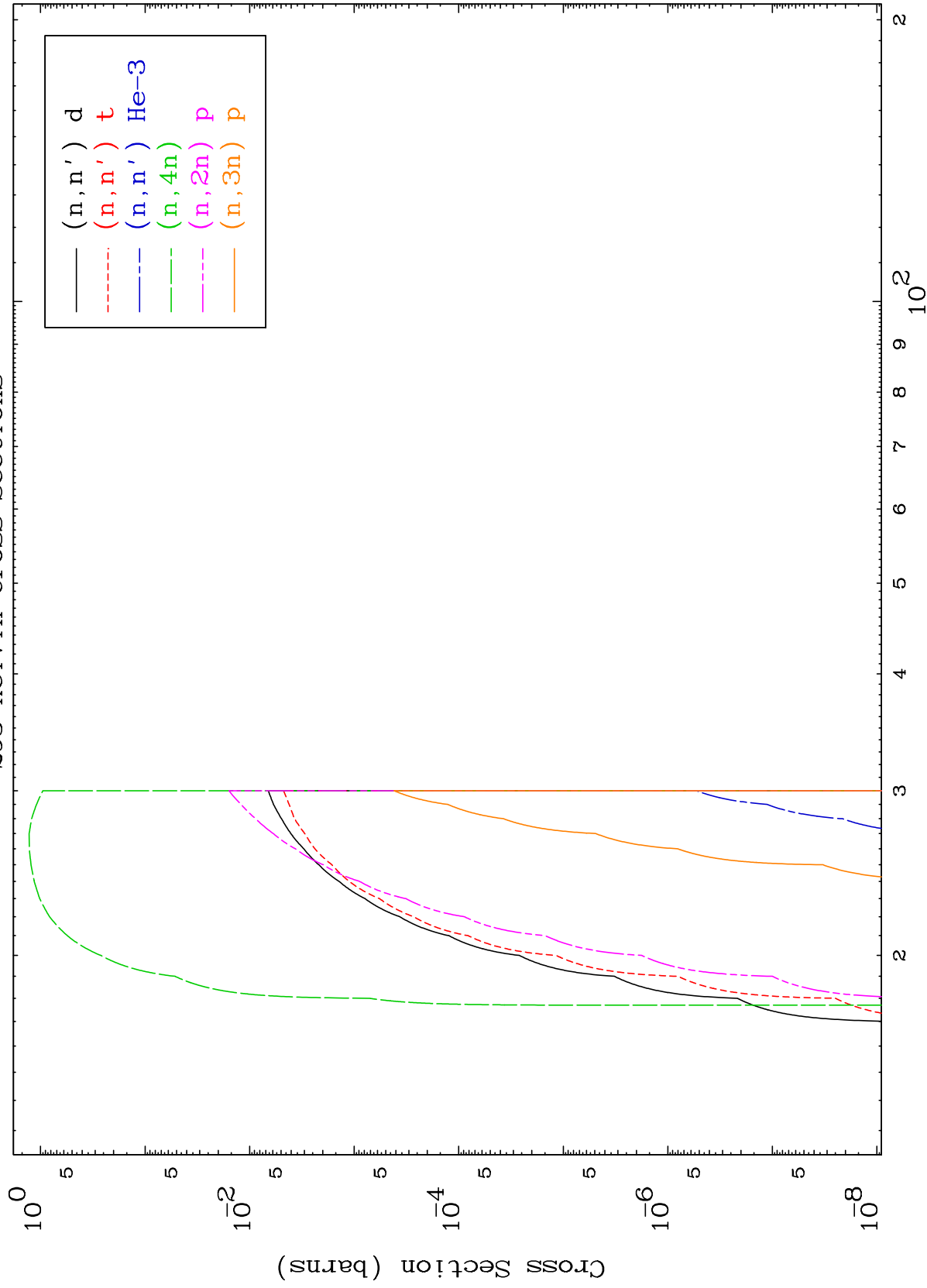
Incident Energy (MeV)

64-Gd-163

MAT 6458

Neutron Production  
293 Kelvin Cross Sections

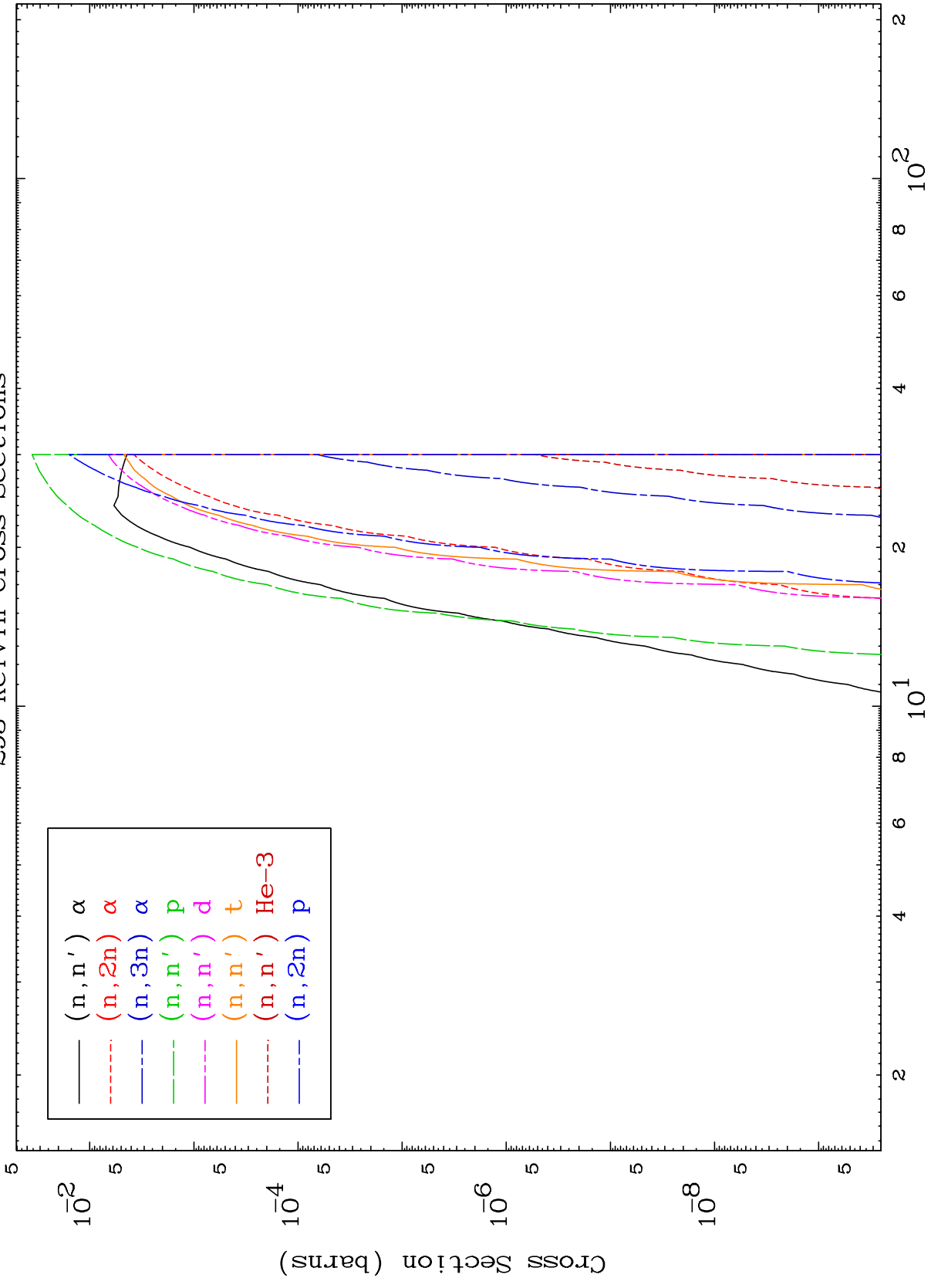
64-Gd-163



3

Incident Energy (MeV)

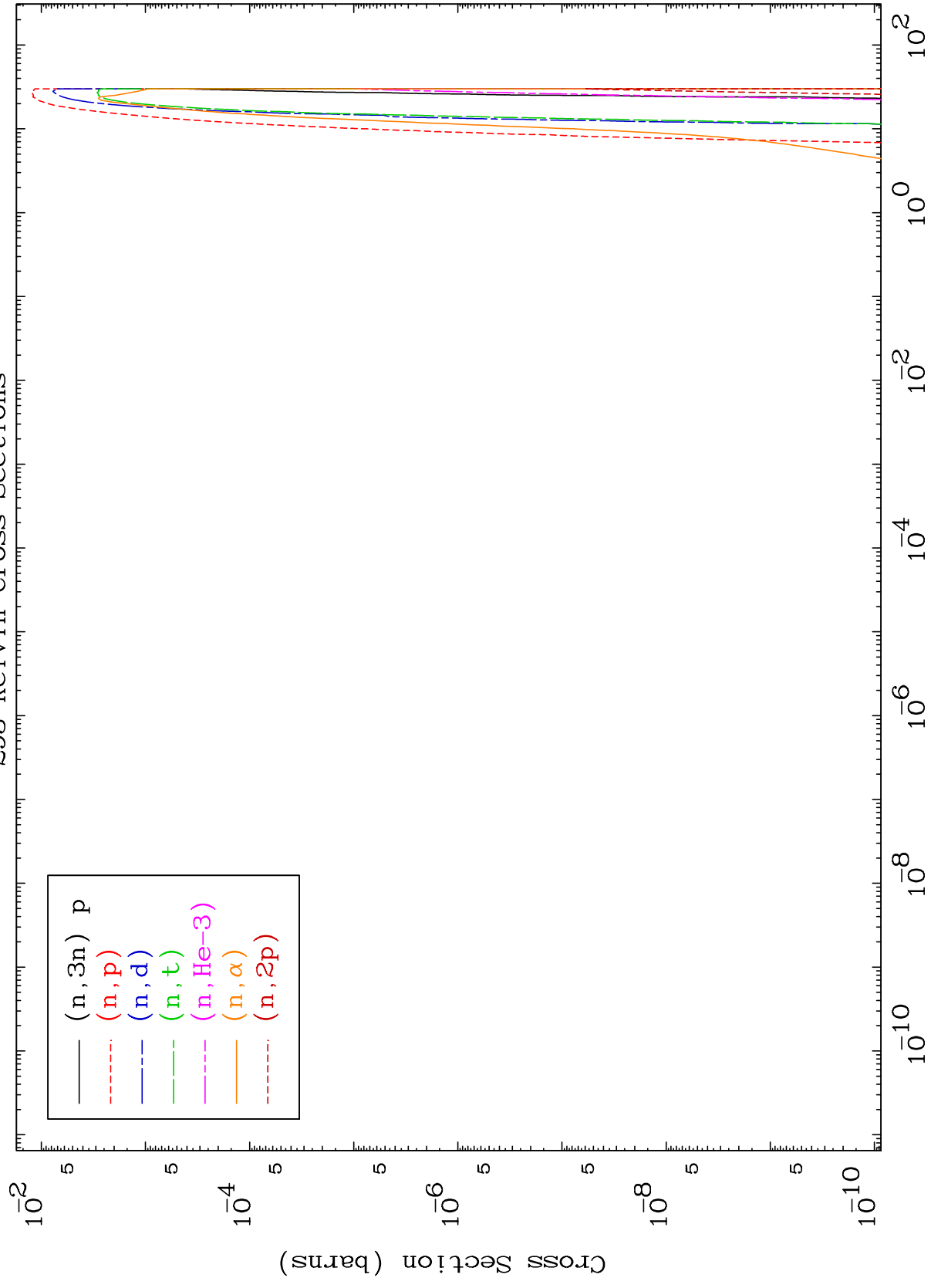
64-Gd-163



MAT 6458

293 Kelvin Cross Sections

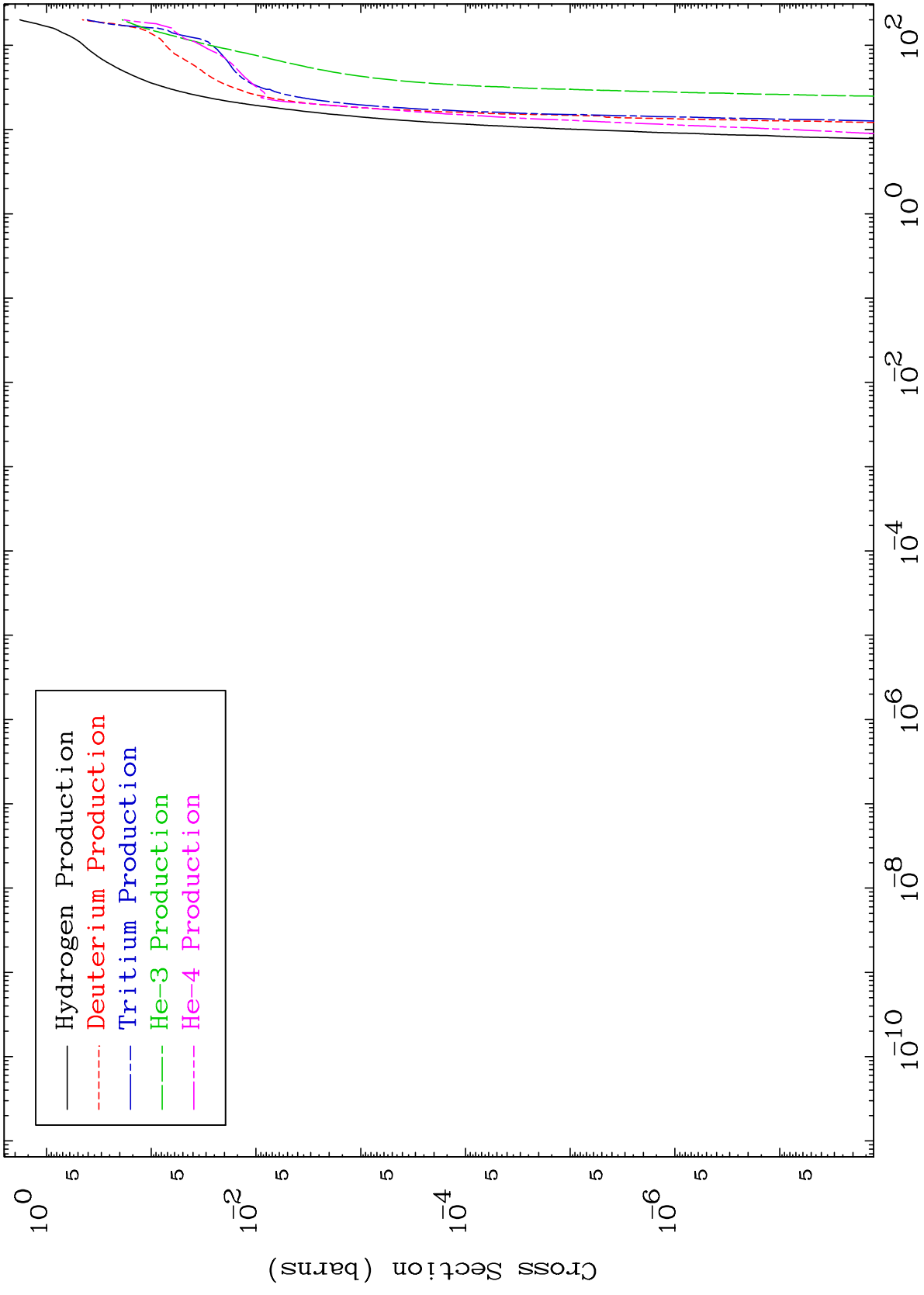
64-Gd-163



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Particle Production  
293 Kelvin Cross Sections

64-Gd-163



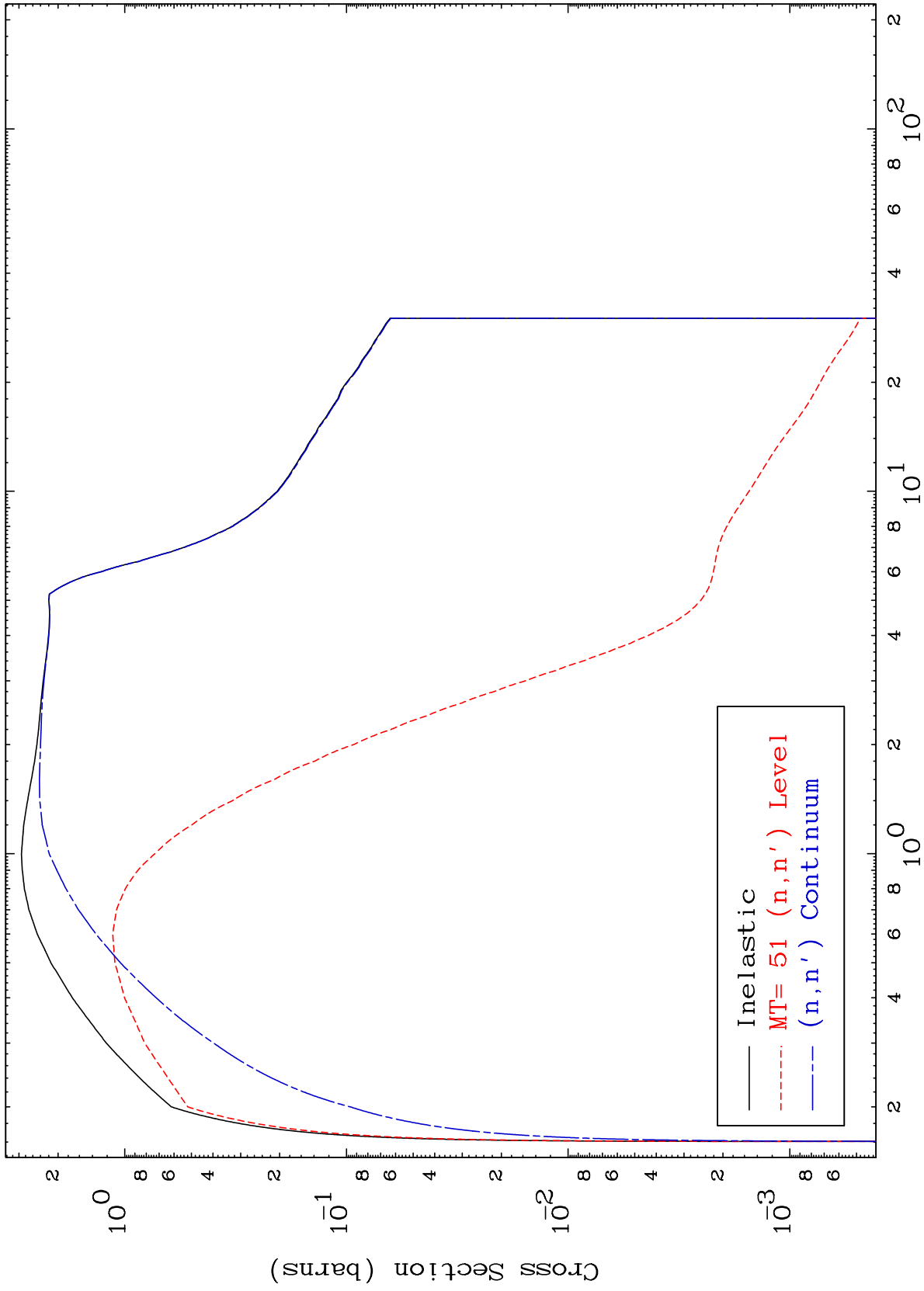
6

64-Gd-163

MAT 6458

64-Gd-163

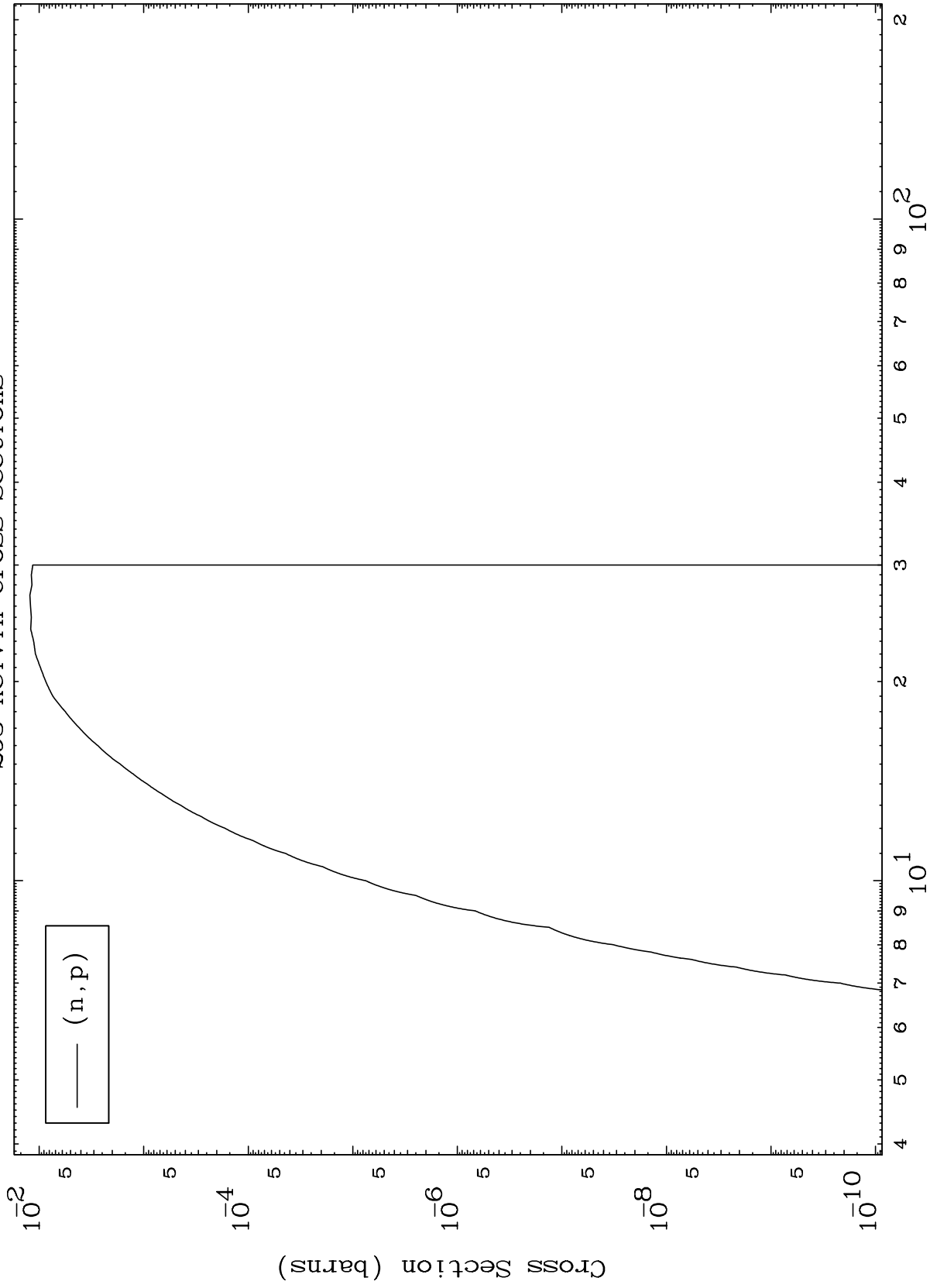
(n,n') Level  
293 Kelvin Cross Sections



MAT 6458

(n,p) Levels  
293 Kelvin Cross Sections

64-Gd-163



8

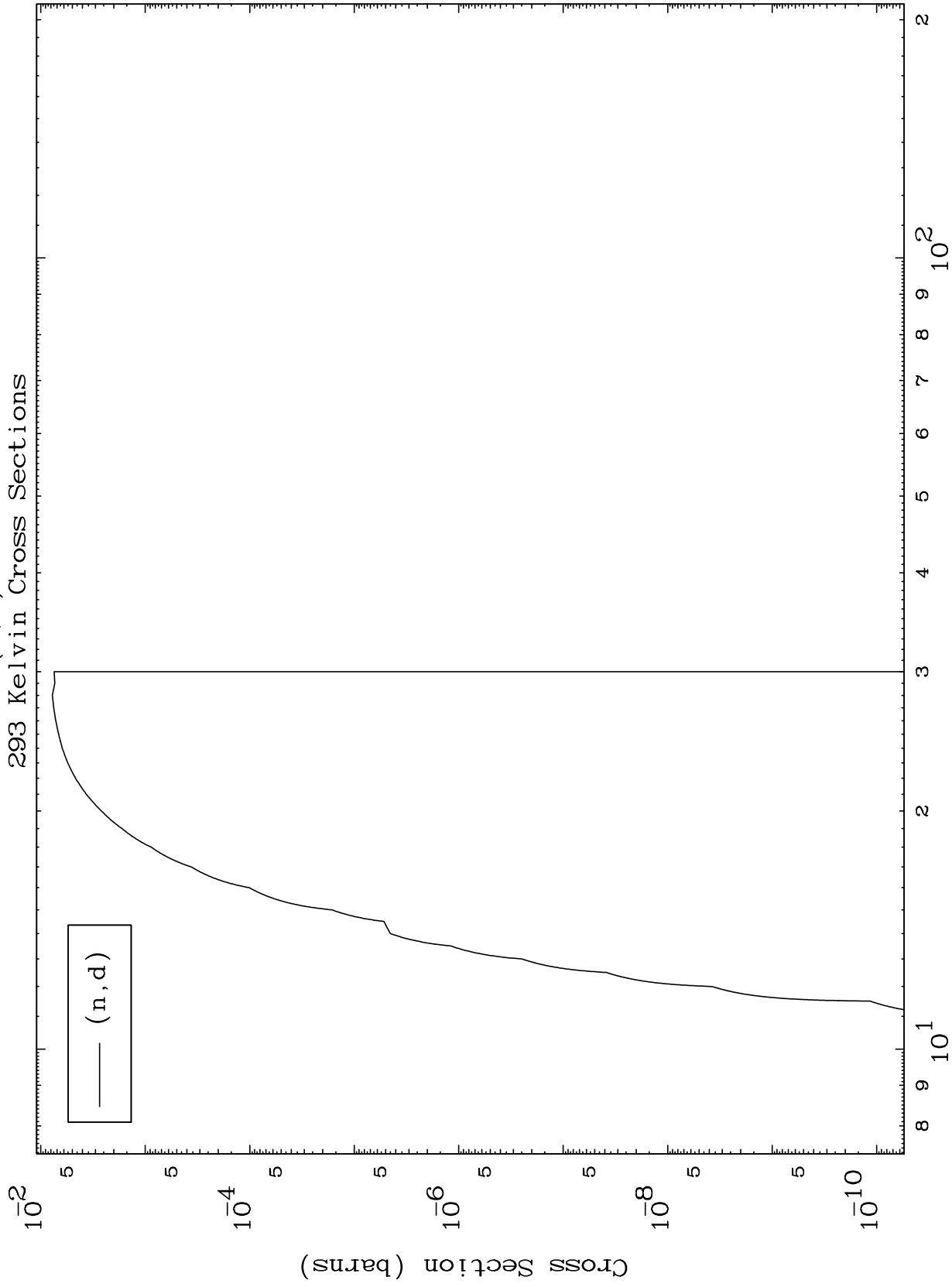
Incident Energy (MeV)

64-Gd-163

MAT 6458

(n,d) Levels  
293 Kelvin Cross Sections

64-Gd-163



9

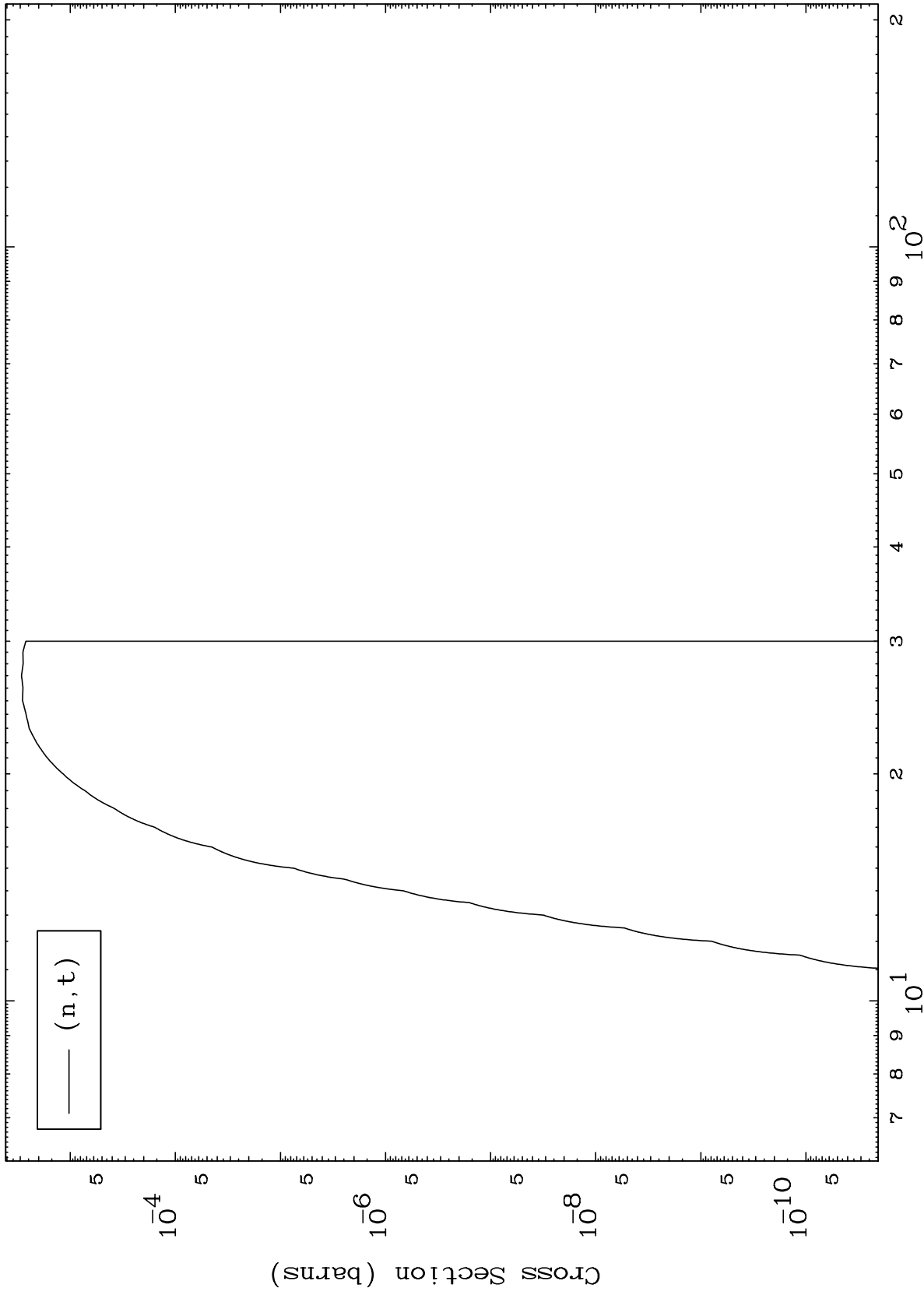
Incident Energy (MeV)

64-Gd-163

MAT 6458

(n,t) Levels  
293 Kelvin Cross Sections

64-Gd-163



10

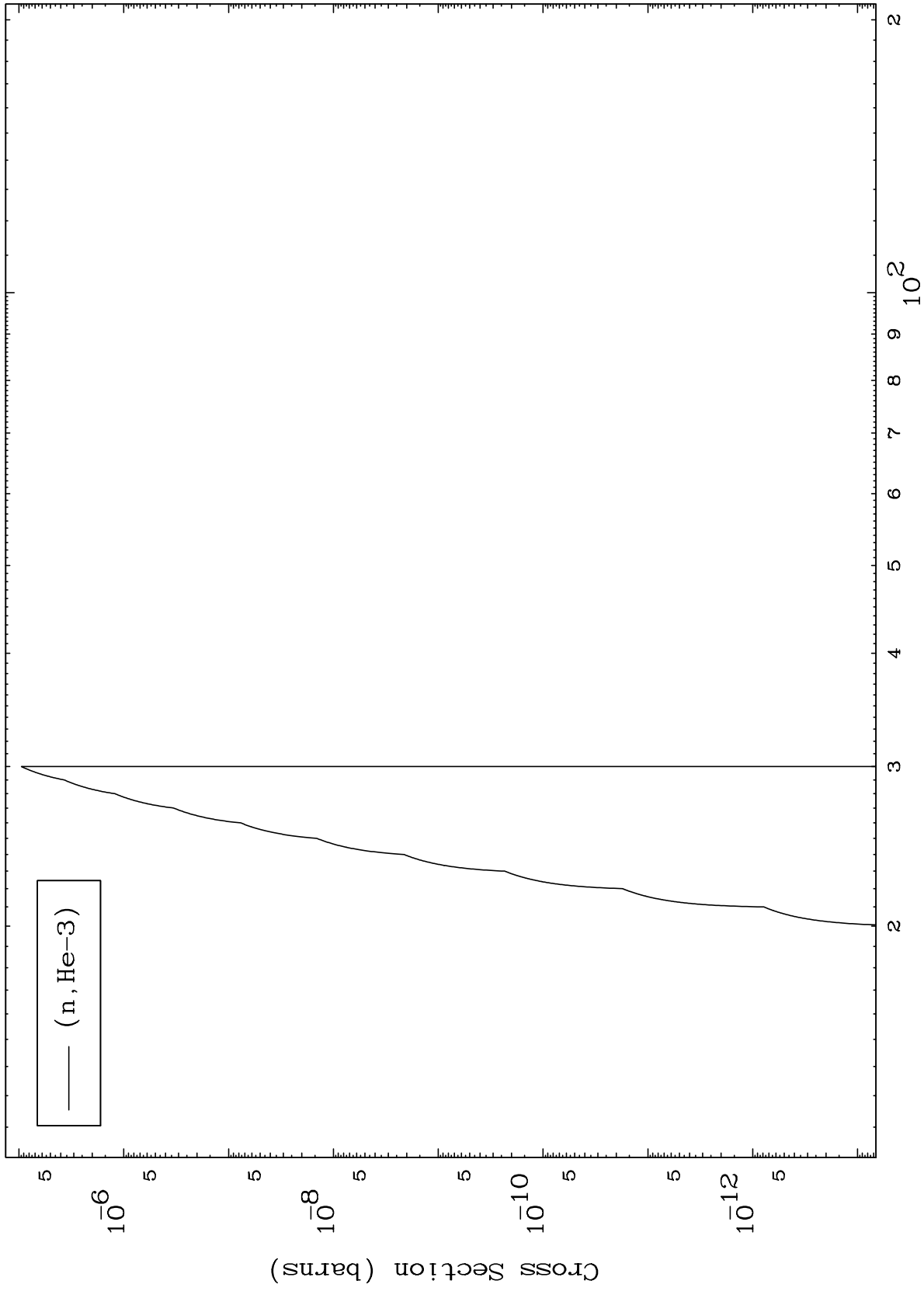
Incident Energy (MeV)

64-Gd-163

MAT 6458

(n,He3) Levels  
293 Kelvin Cross Sections

64-Gd-163



11

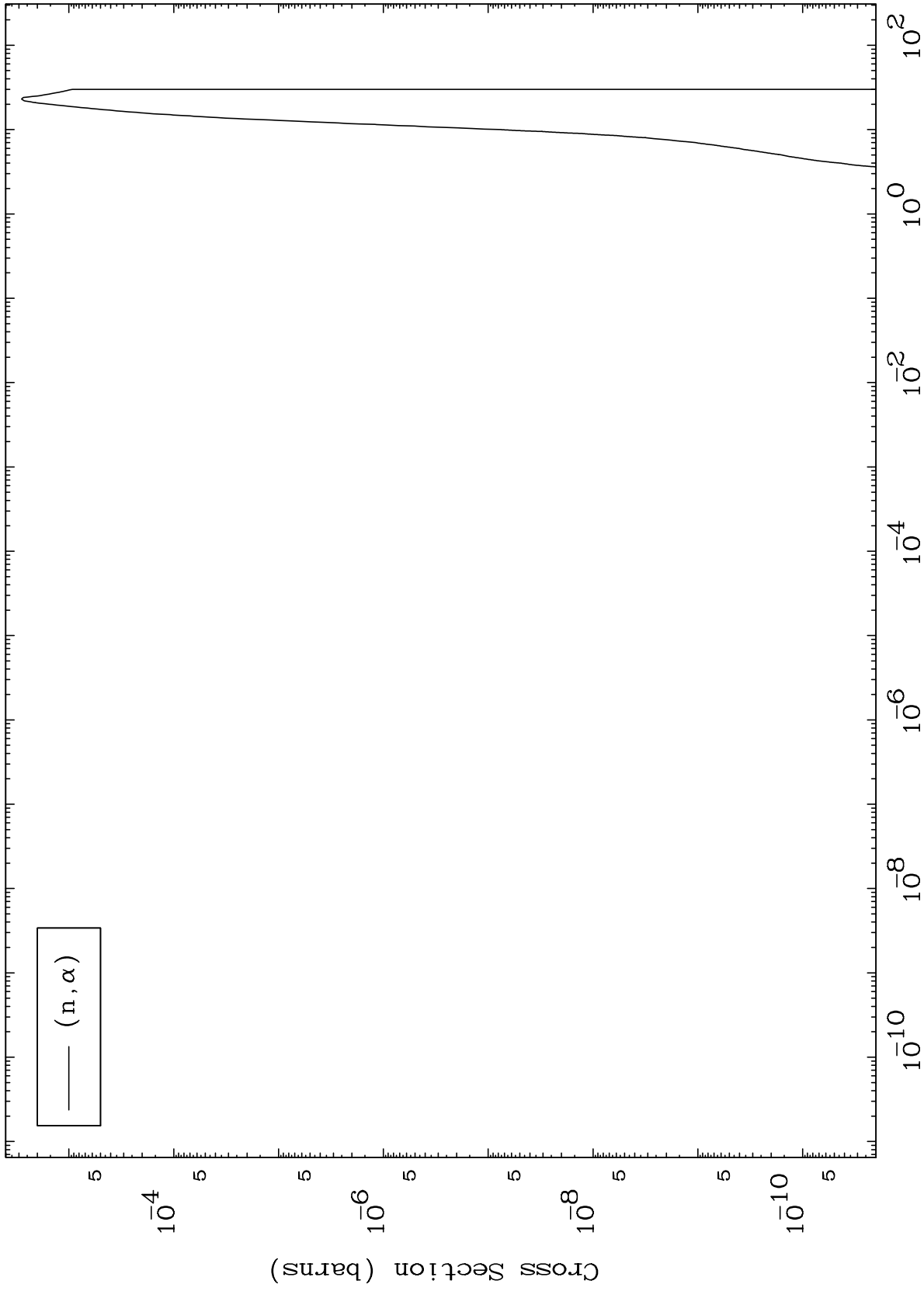
Incident Energy (MeV)

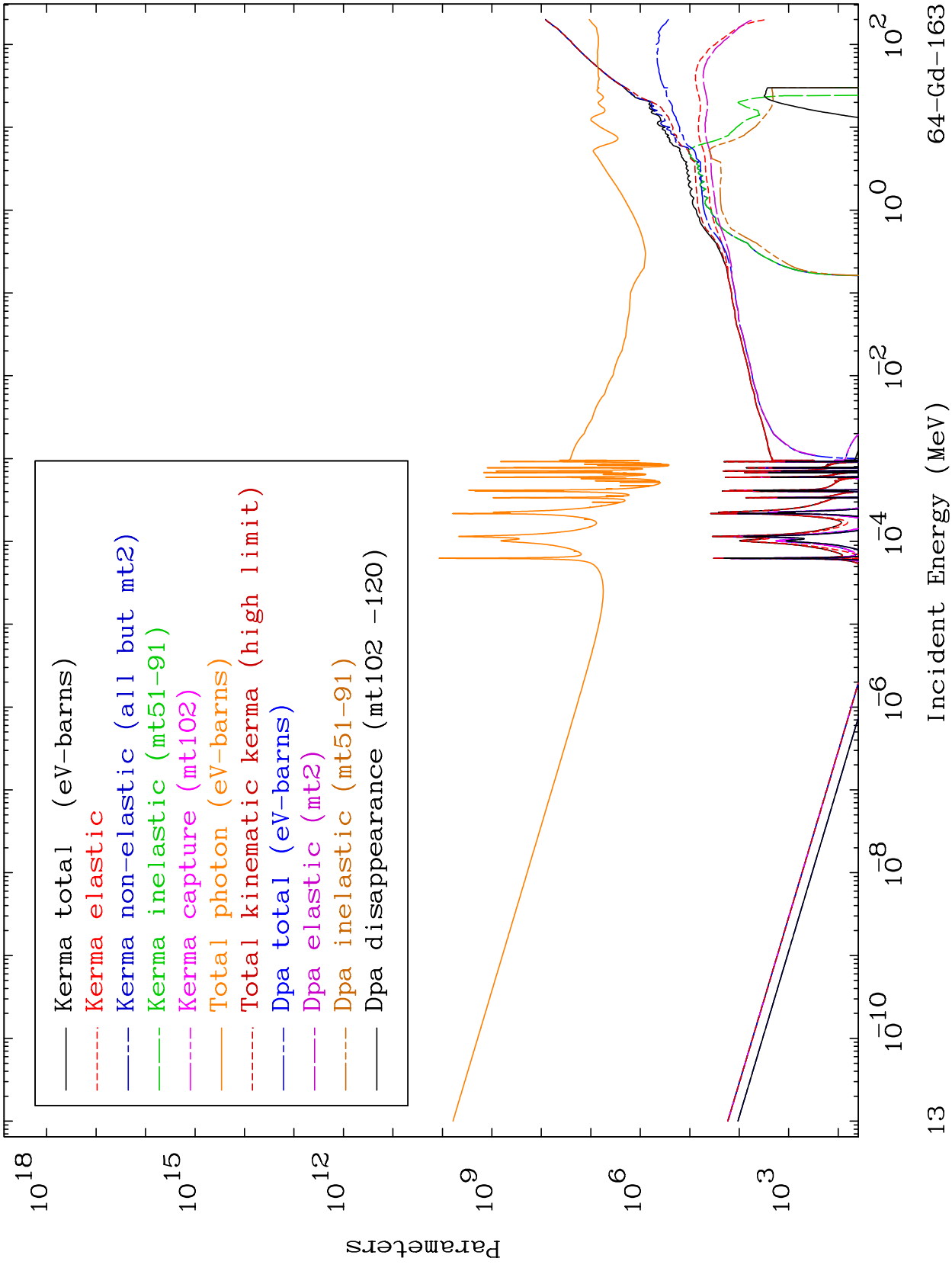
64-Gd-163

MAT 6458

(n,α) Levels  
293 Kelvin Cross Sections

64-Gd-163

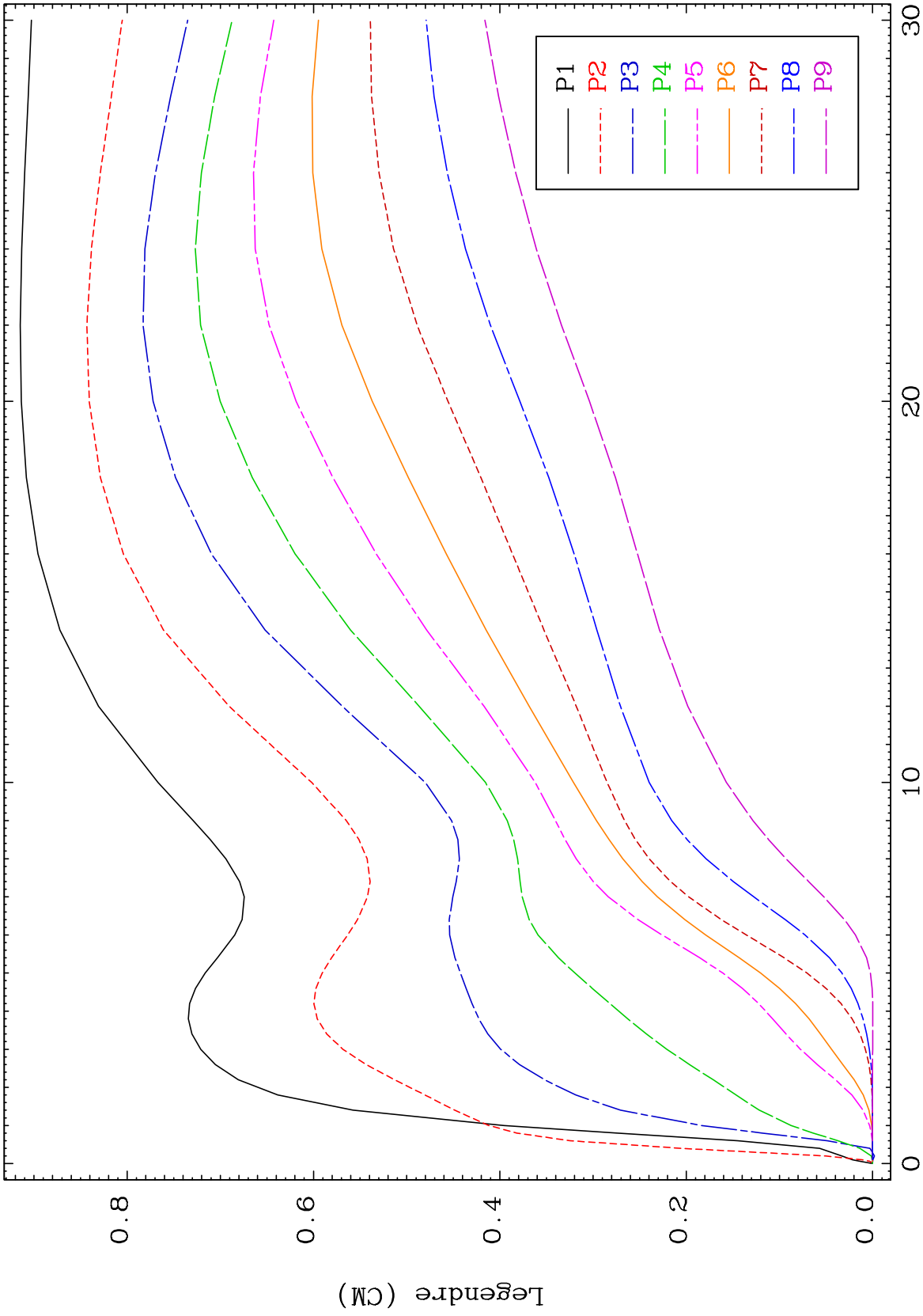




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64-Gd-163

Elastic Legendre Coefficients



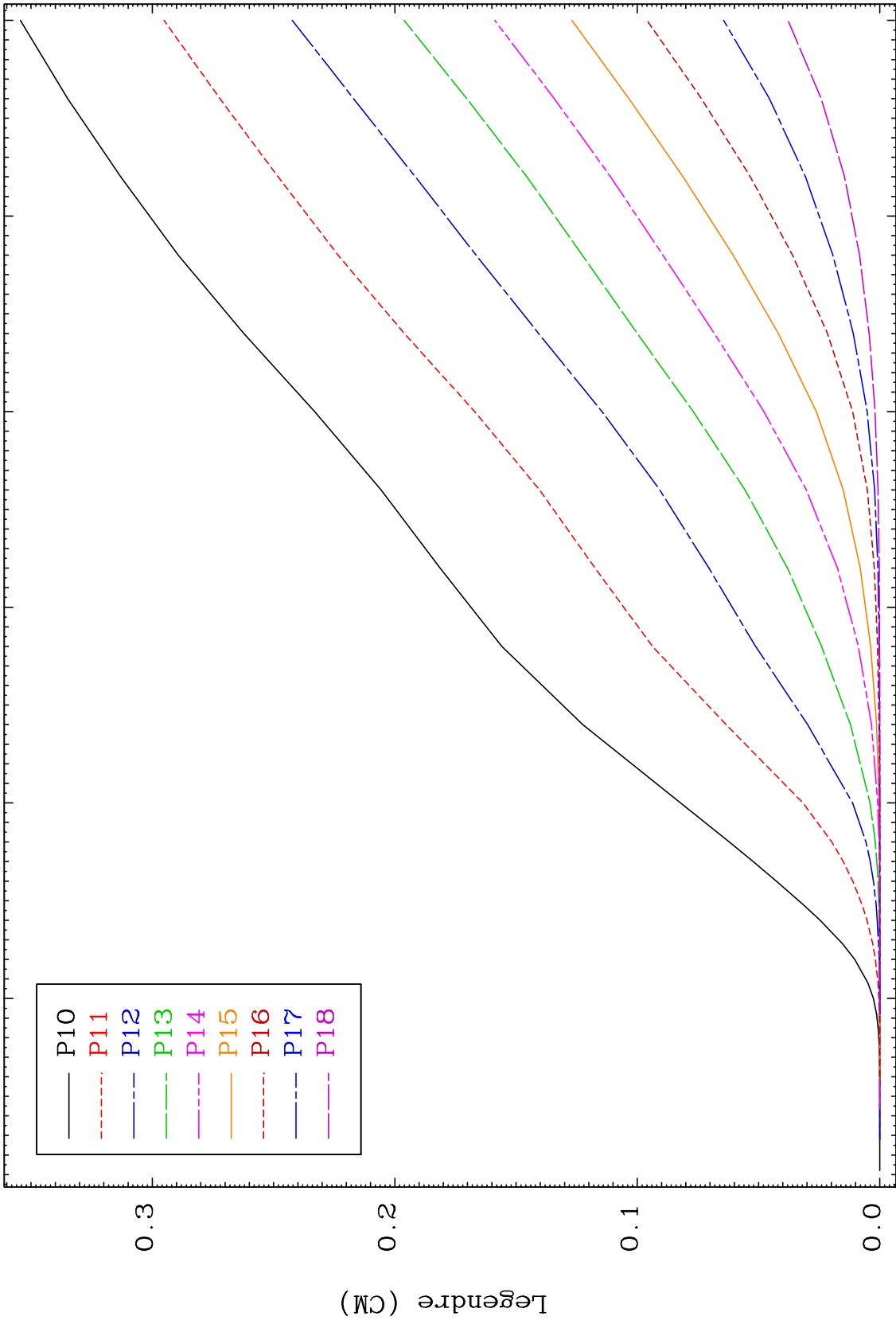
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64-Gd-163

MAT 6458

Elastic Legendre Coefficients

64-Gd-163



15

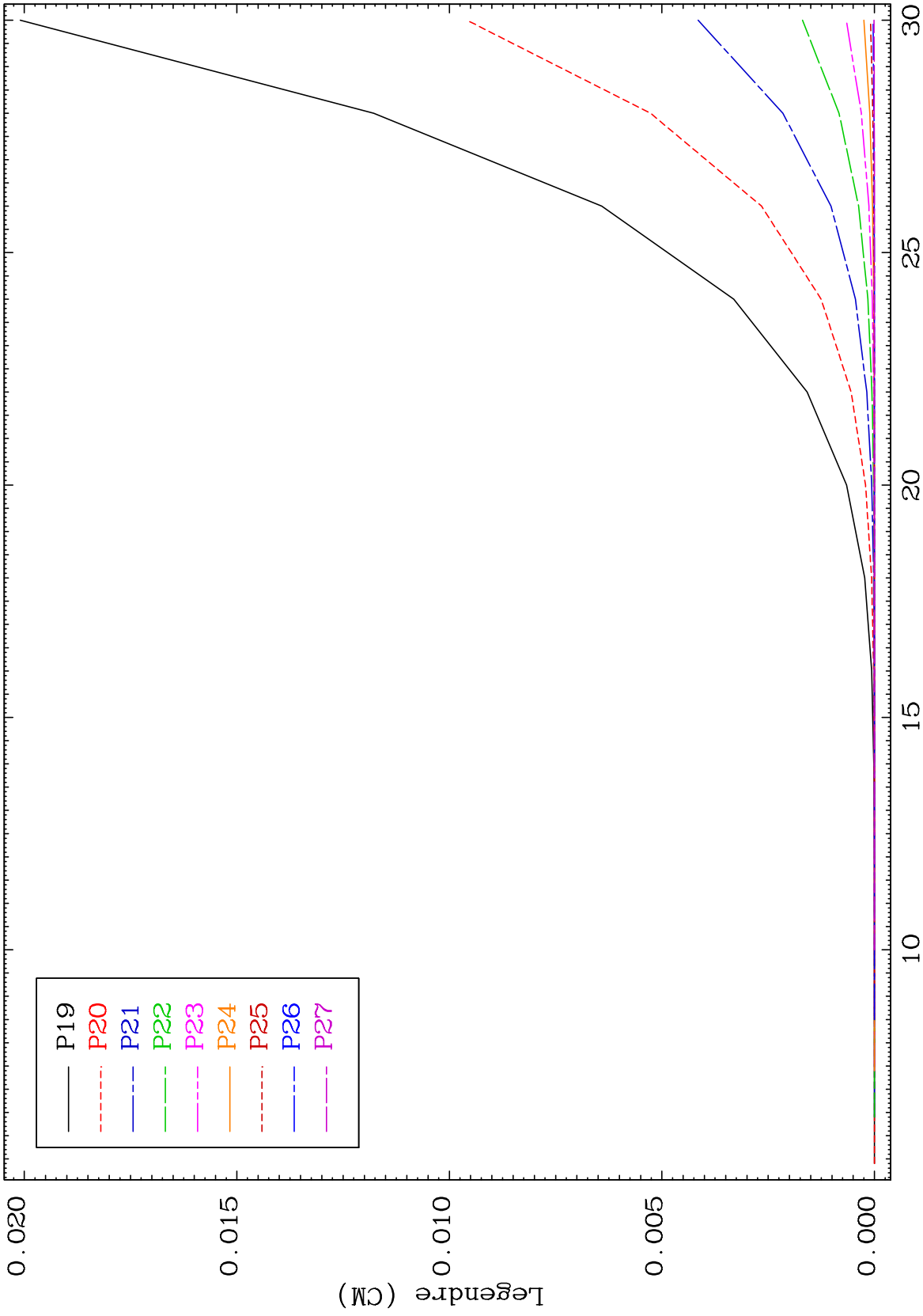
Incident Energy (MeV)

64-Gd-163

MAT 6458

Elastic Legendre Coefficients

64-Gd-163



16

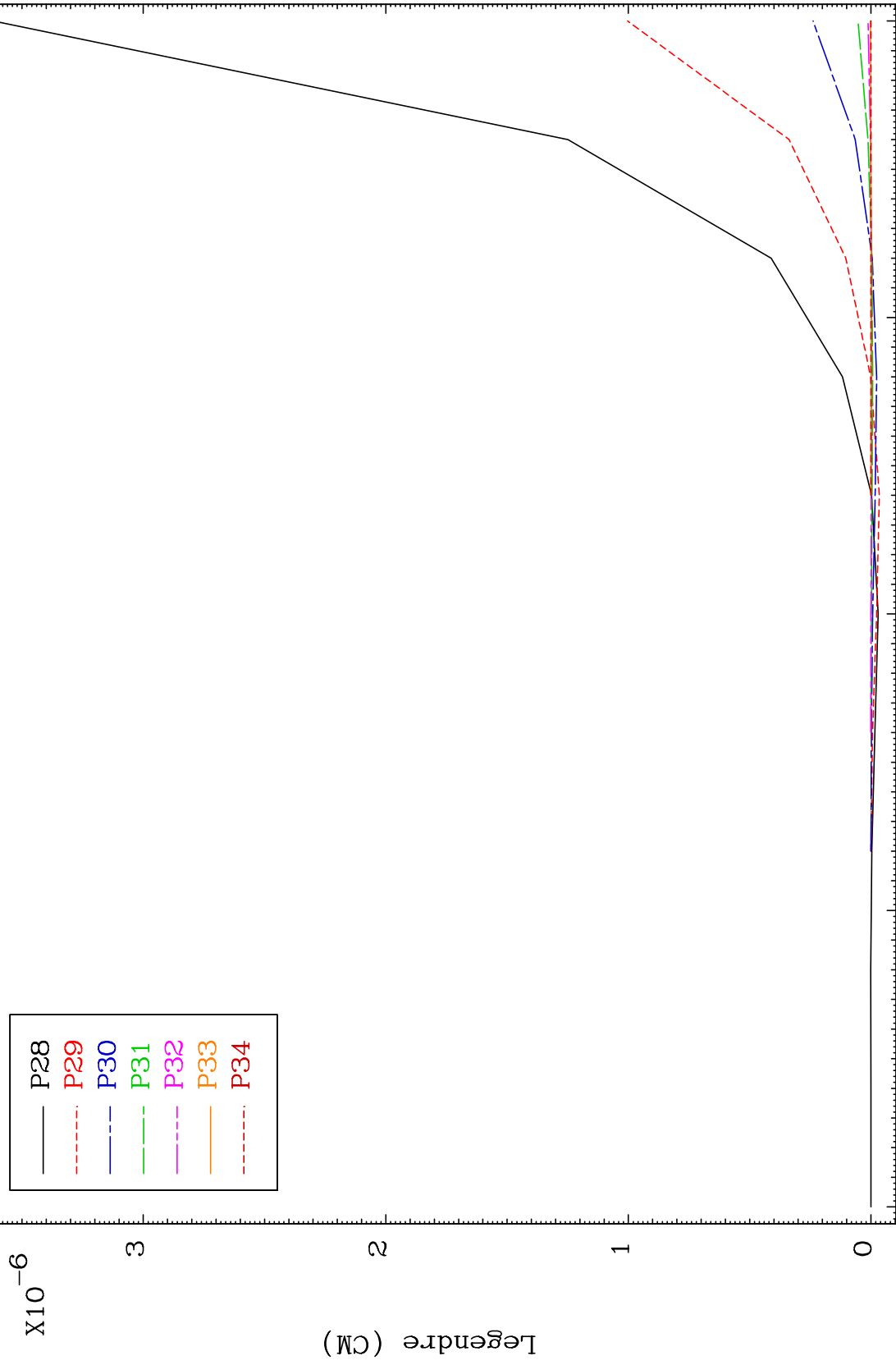
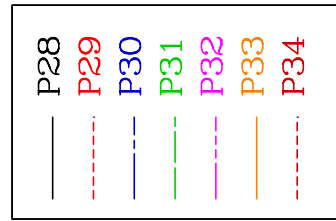
Incident Energy (MeV)

64-Gd-163

MAT 6458

Elastic Legendre Coefficients

64-Gd-163



17

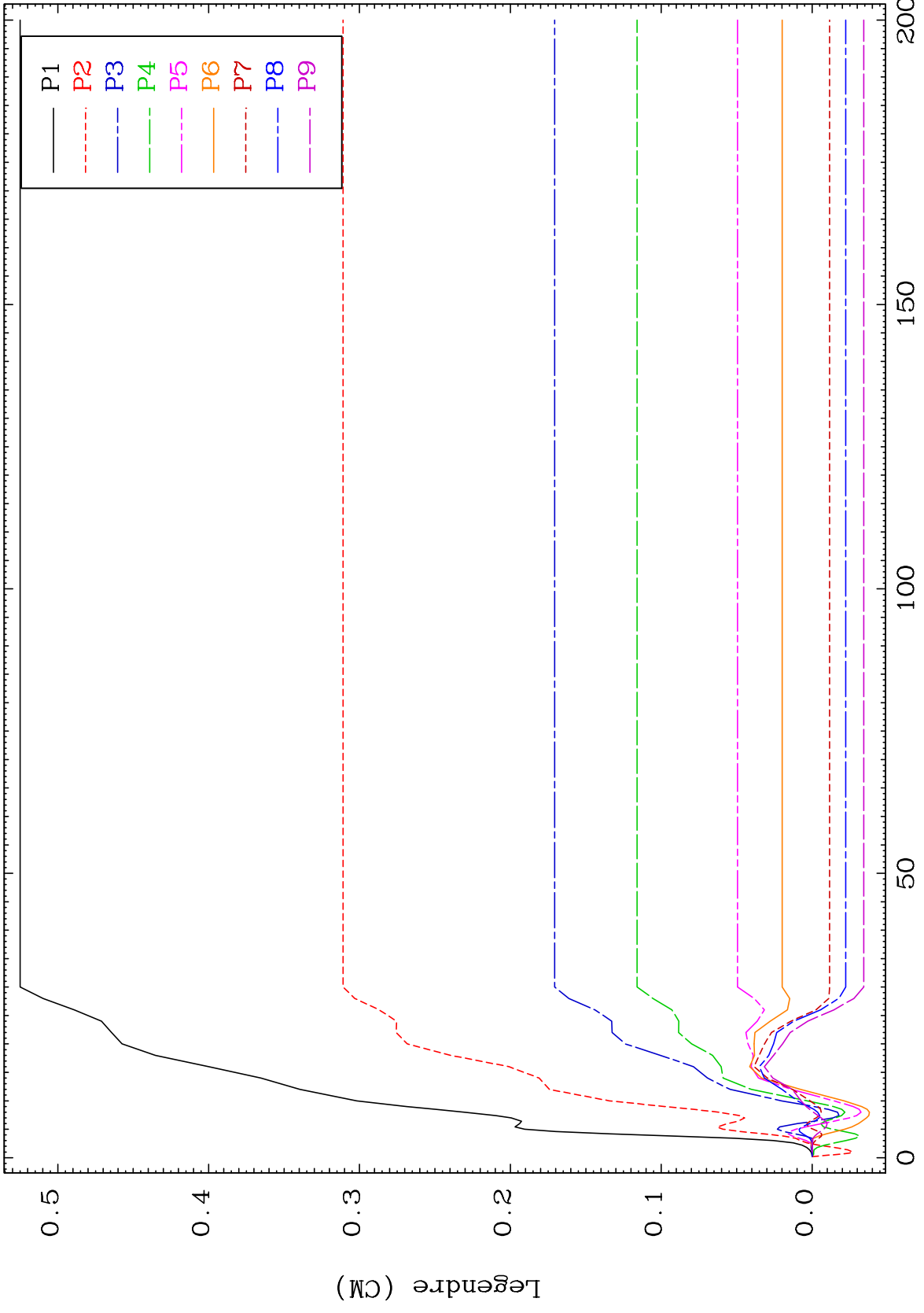
Incident Energy (MeV)

64-Gd-163

MAT 6458

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

64-Gd-163



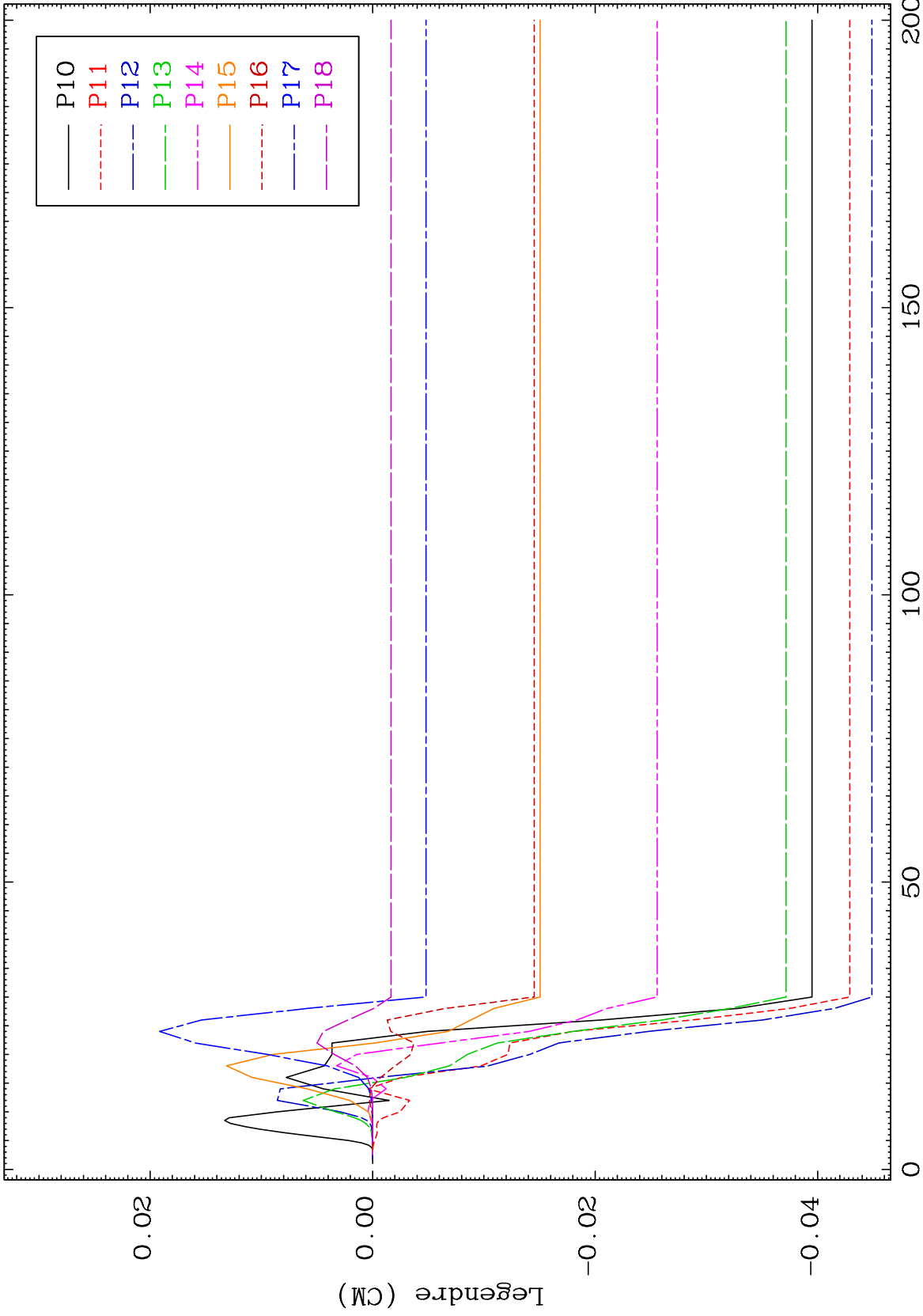
18

64-Gd-163

MAT 6458

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

64-Gd-163



19

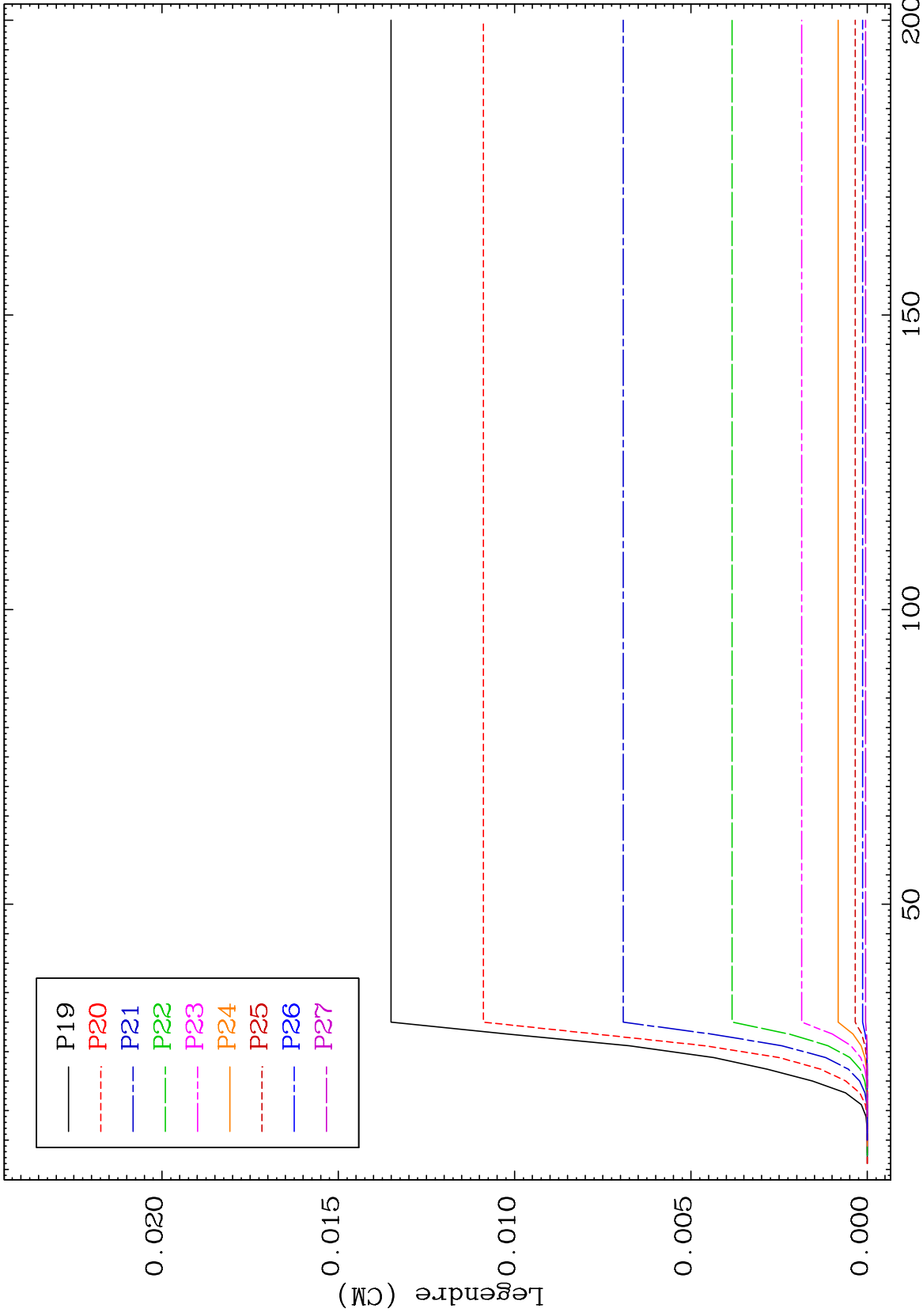
Incident Energy (MeV)

64-Gd-163

MAT 6458

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

64-Gd-163



20

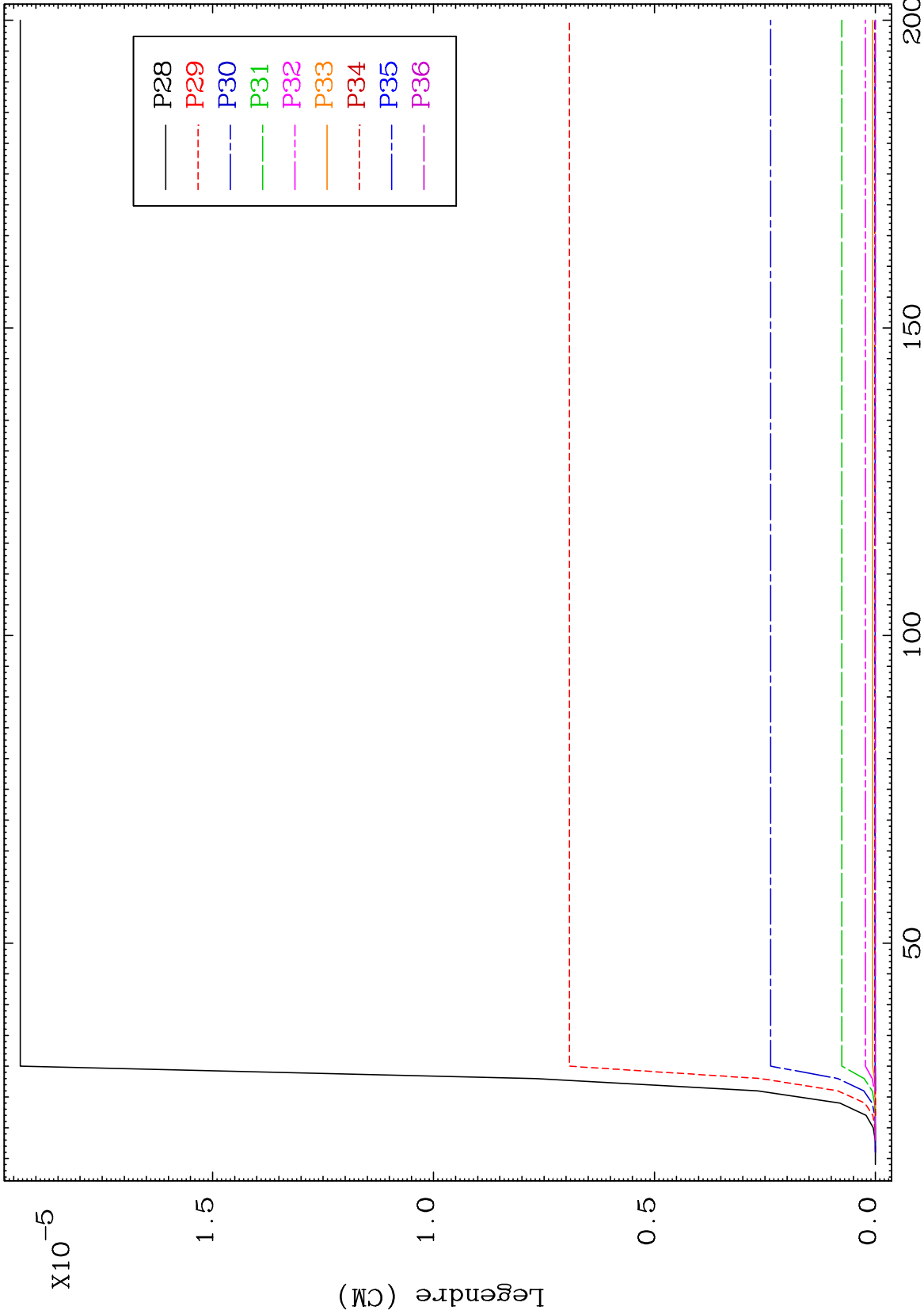
Incident Energy (MeV)

64-Gd-163

MAT 6458

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

64-Gd-163



21

64-Gd-163