

Program EVALPLOT  
(Version 2018-1)

by

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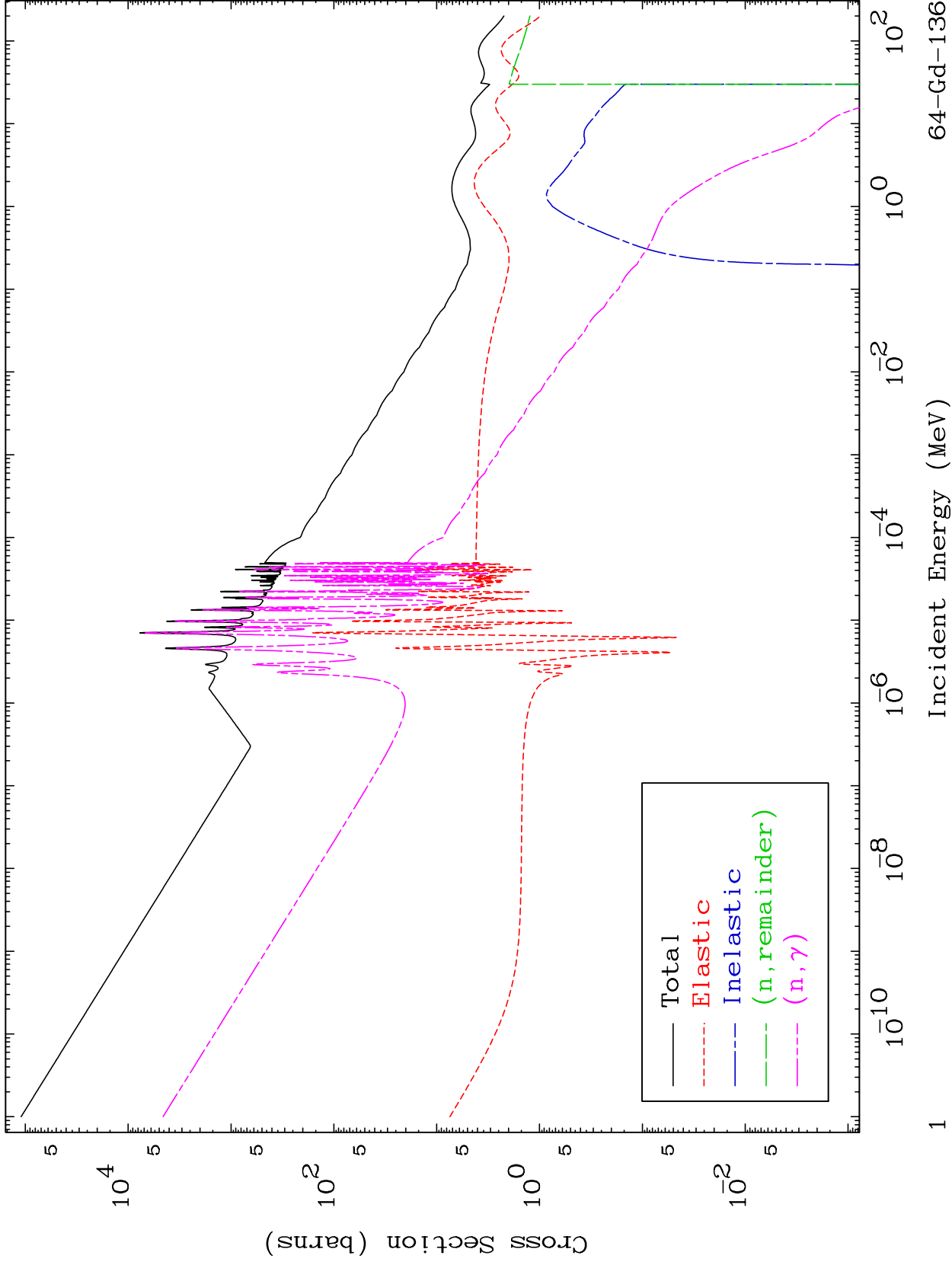
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Press Mouse Button to Start

MAT 6377

Major  
293 Kelvin Cross Sections

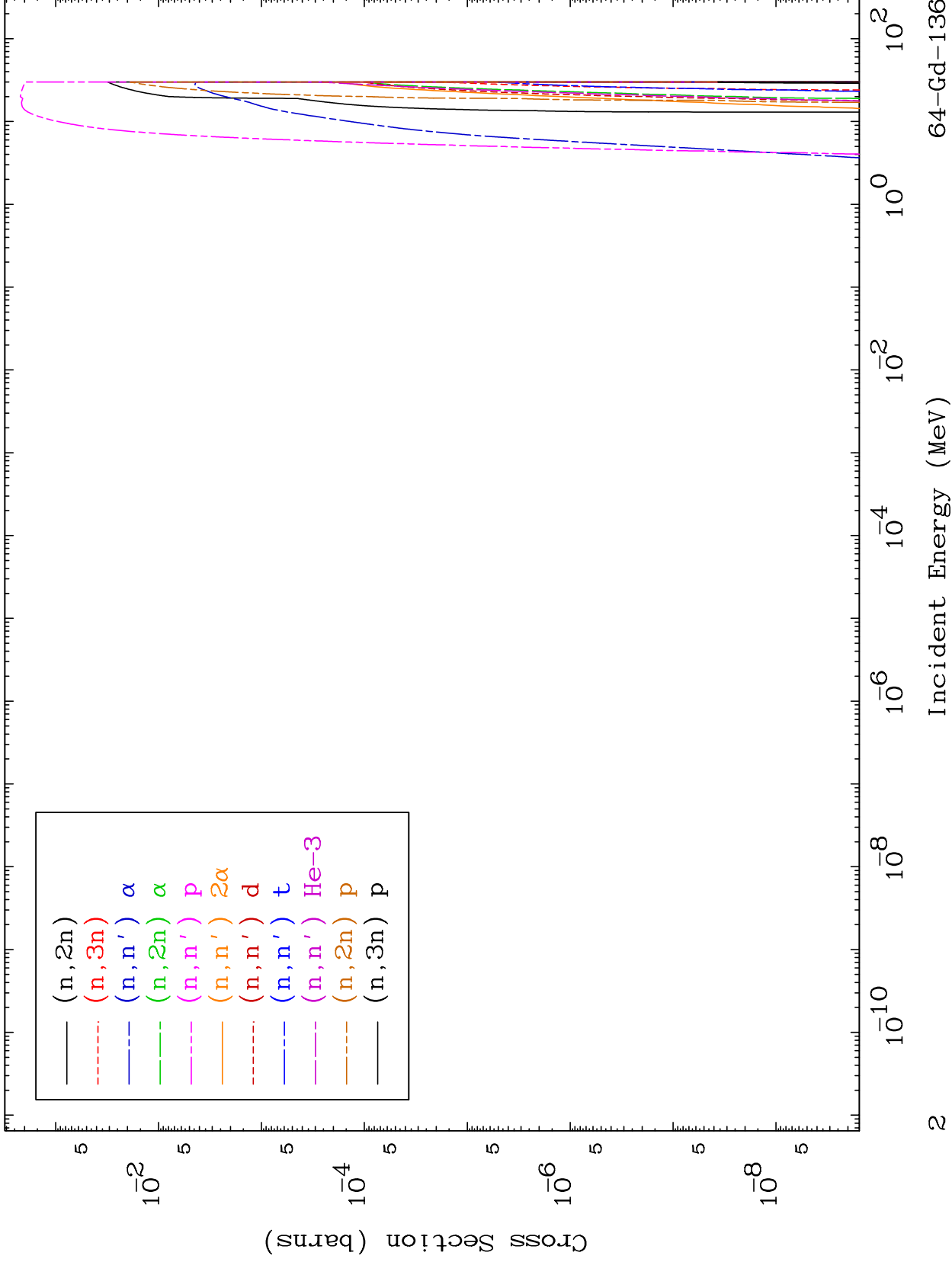
64-Gd-136



MAT 6377

Neutron Production  
293 Kelvin Cross Sections

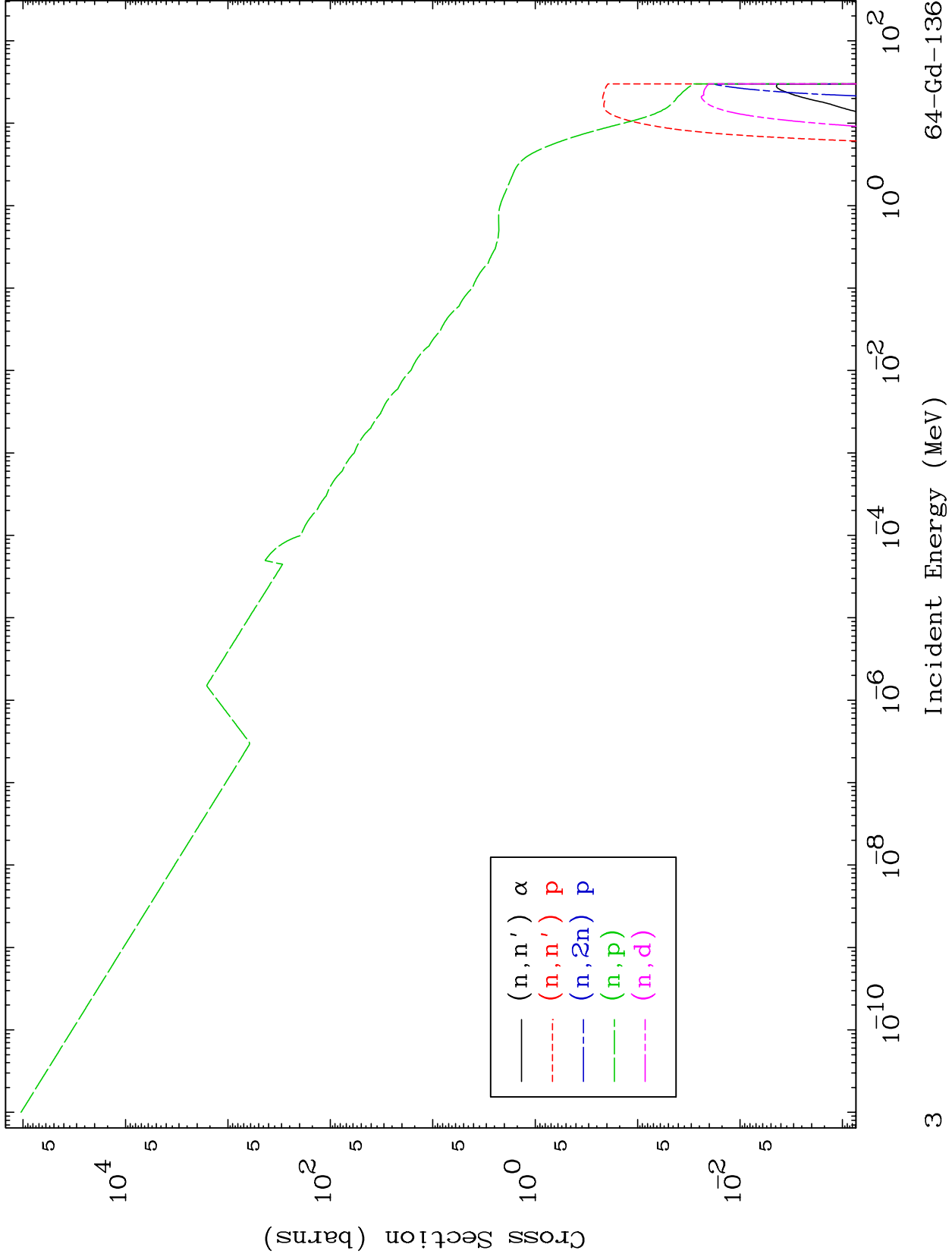
64-Gd-136



MAT 63777

Charged Particle  
293 Kelvin Cross Sections

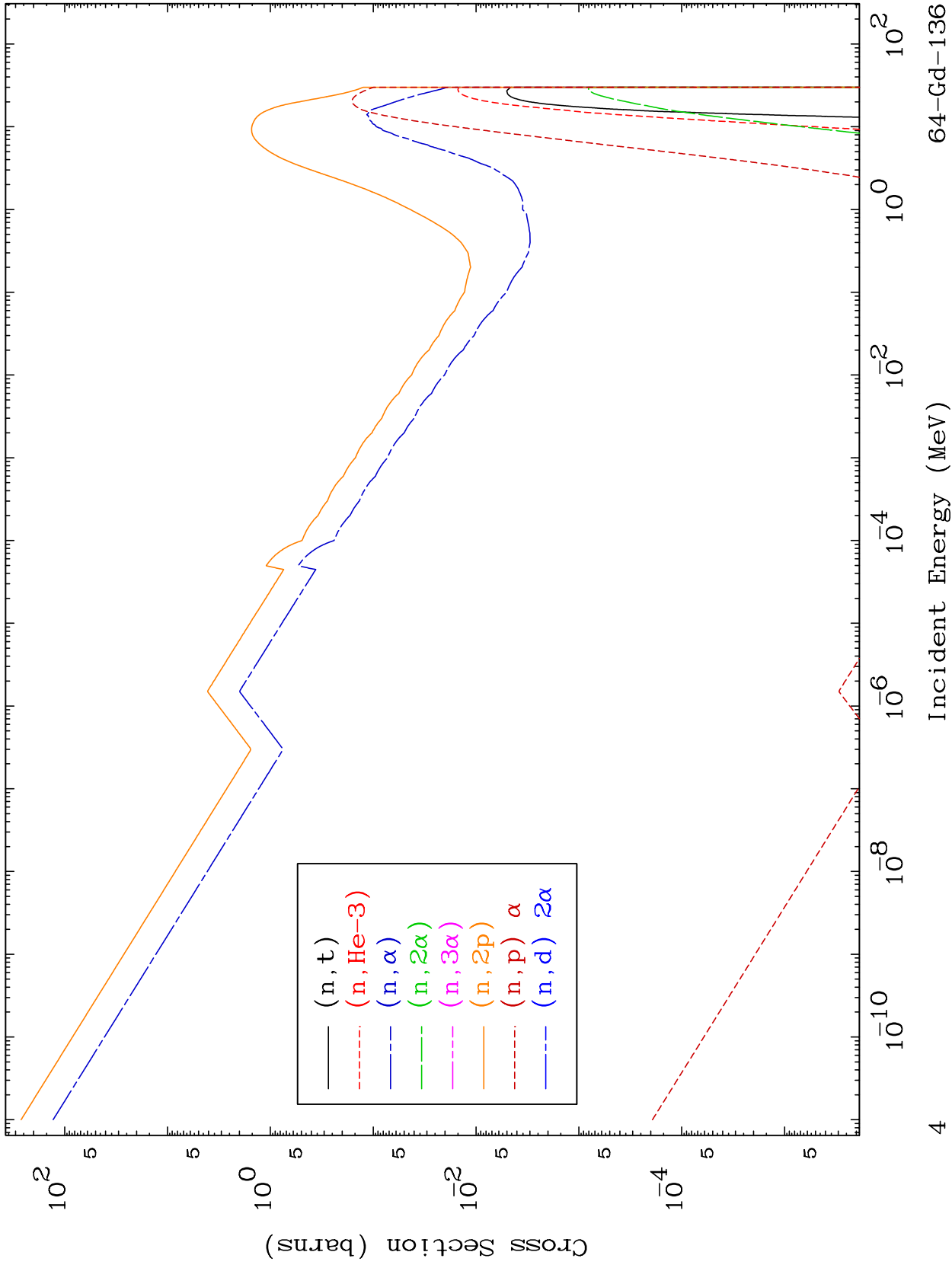
64-Gd-136



MAT 63777

Charged Particle  
293 Kelvin Cross Sections

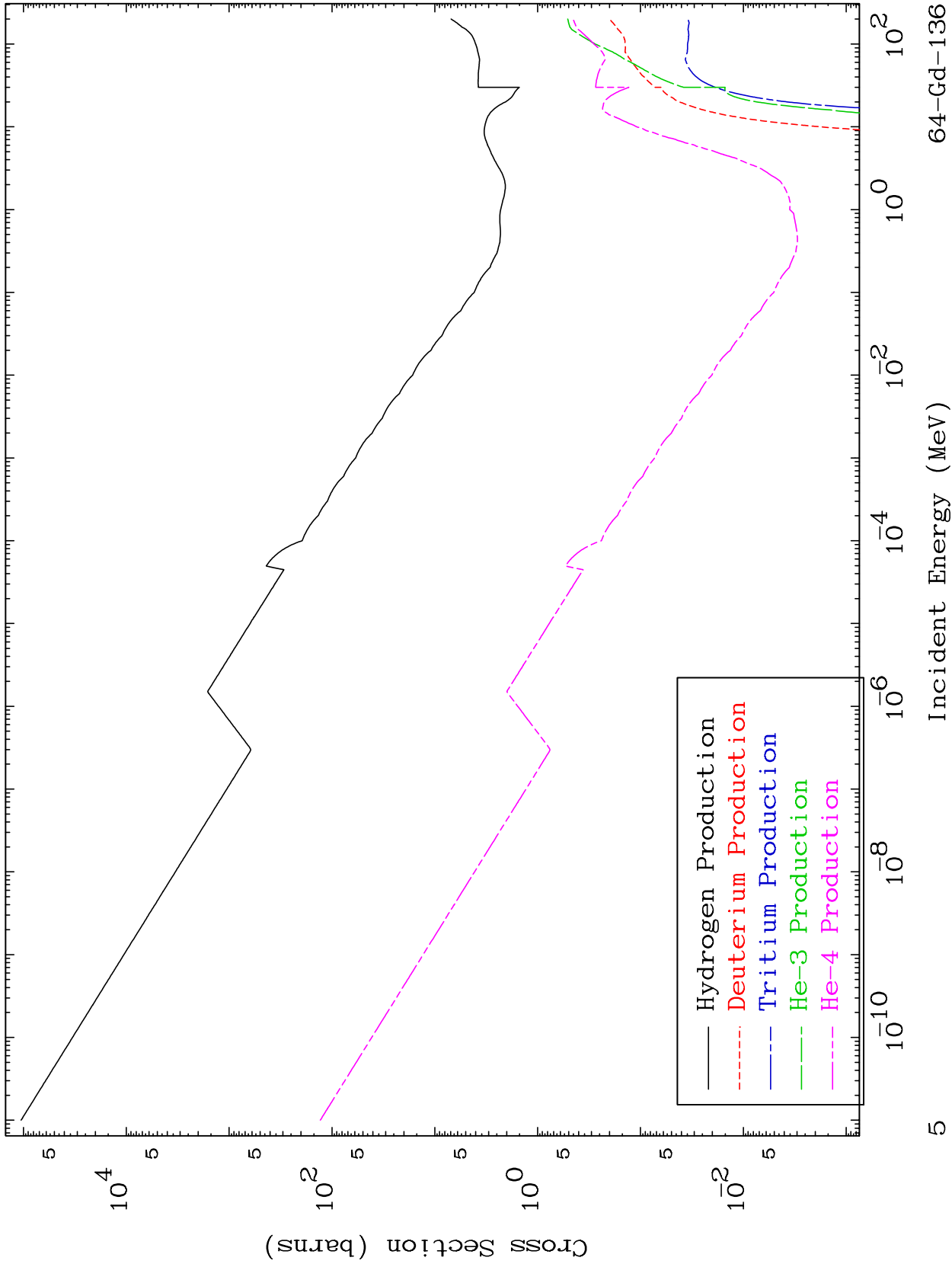
64-Gd-136



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Particle Production  
293 Kelvin Cross Sections

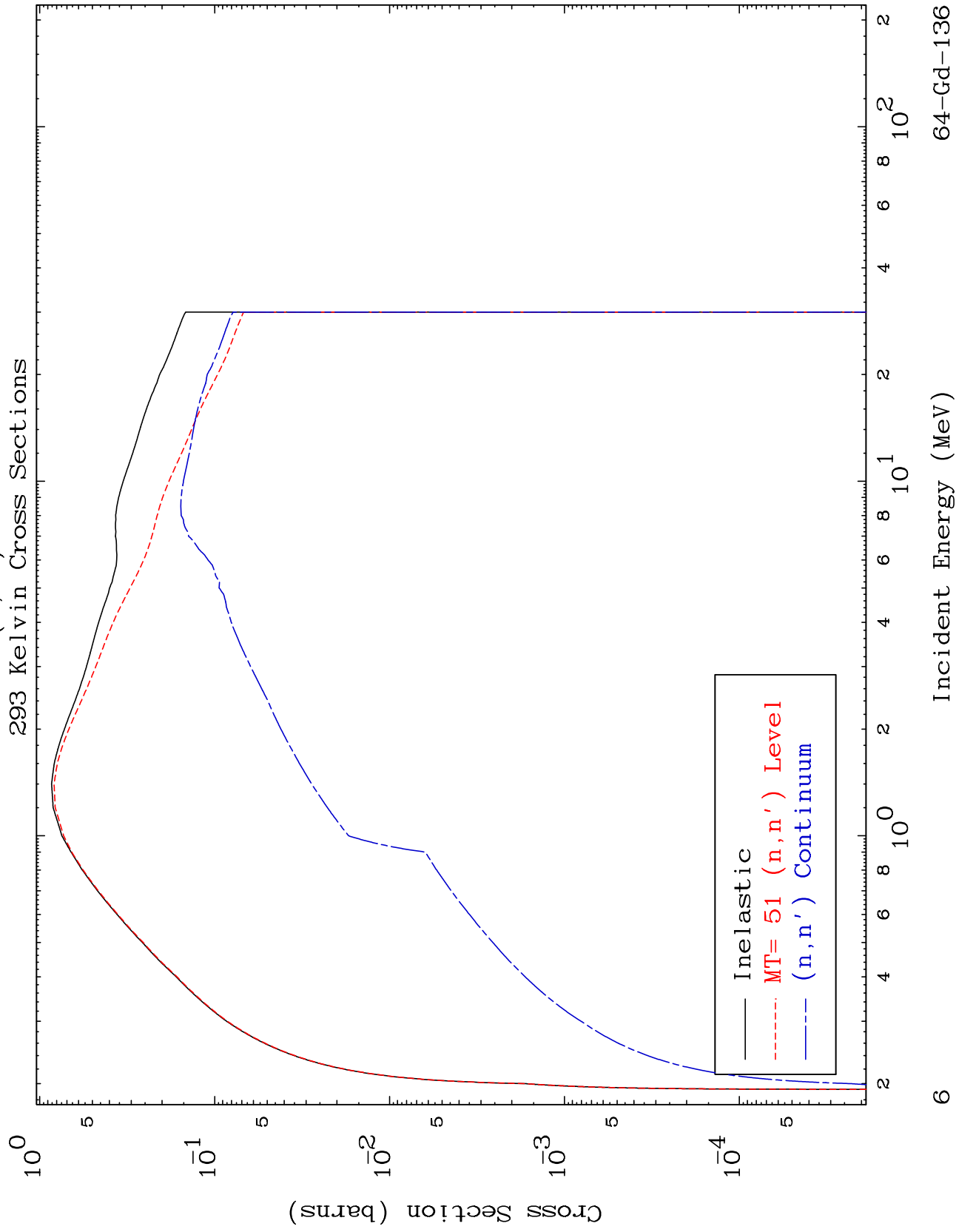
64-Gd-136



MAT 63777

(n,n') Level

64-Gd-136

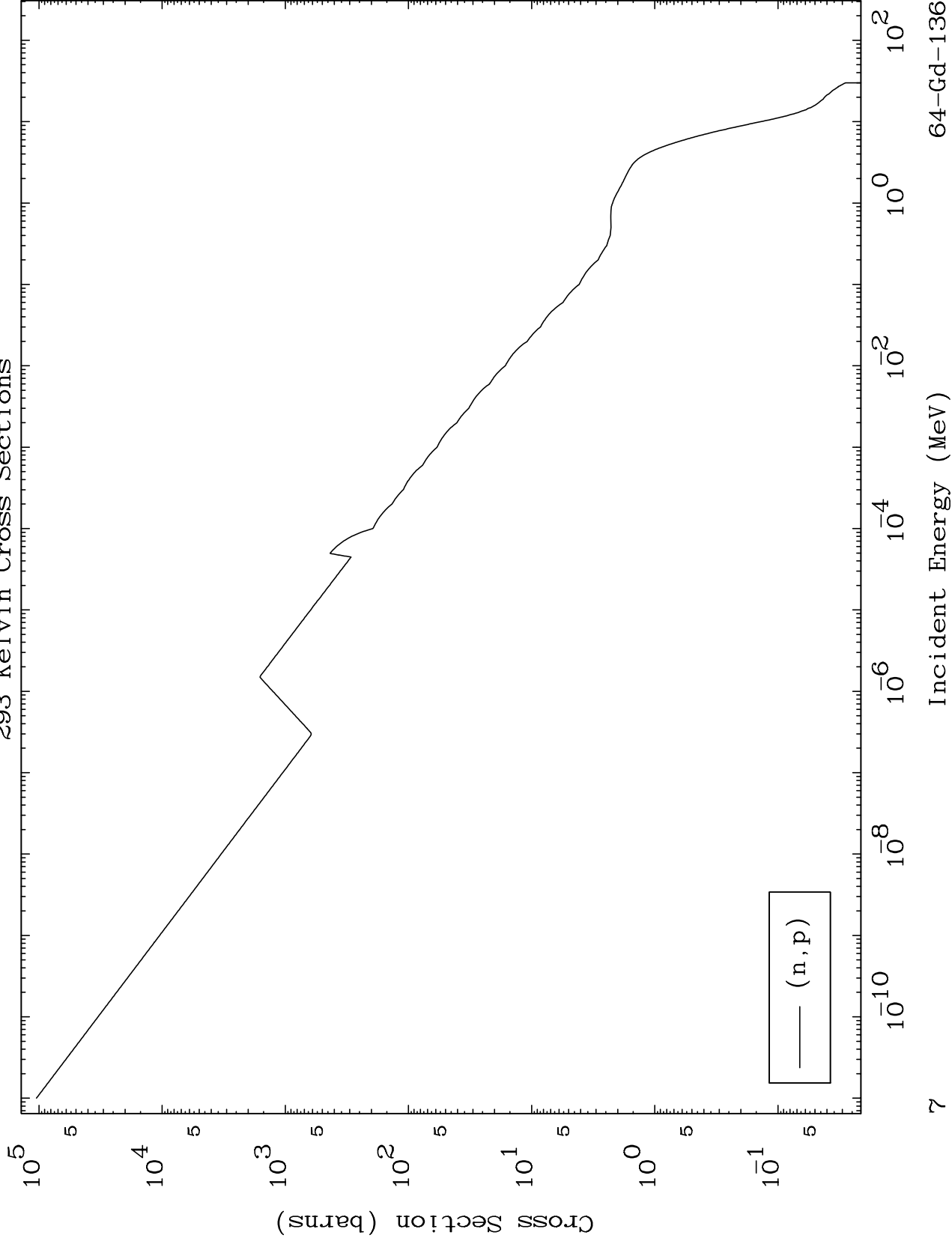


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(n,p) Levels  
293 Kelvin Cross Sections

64-Gd-136

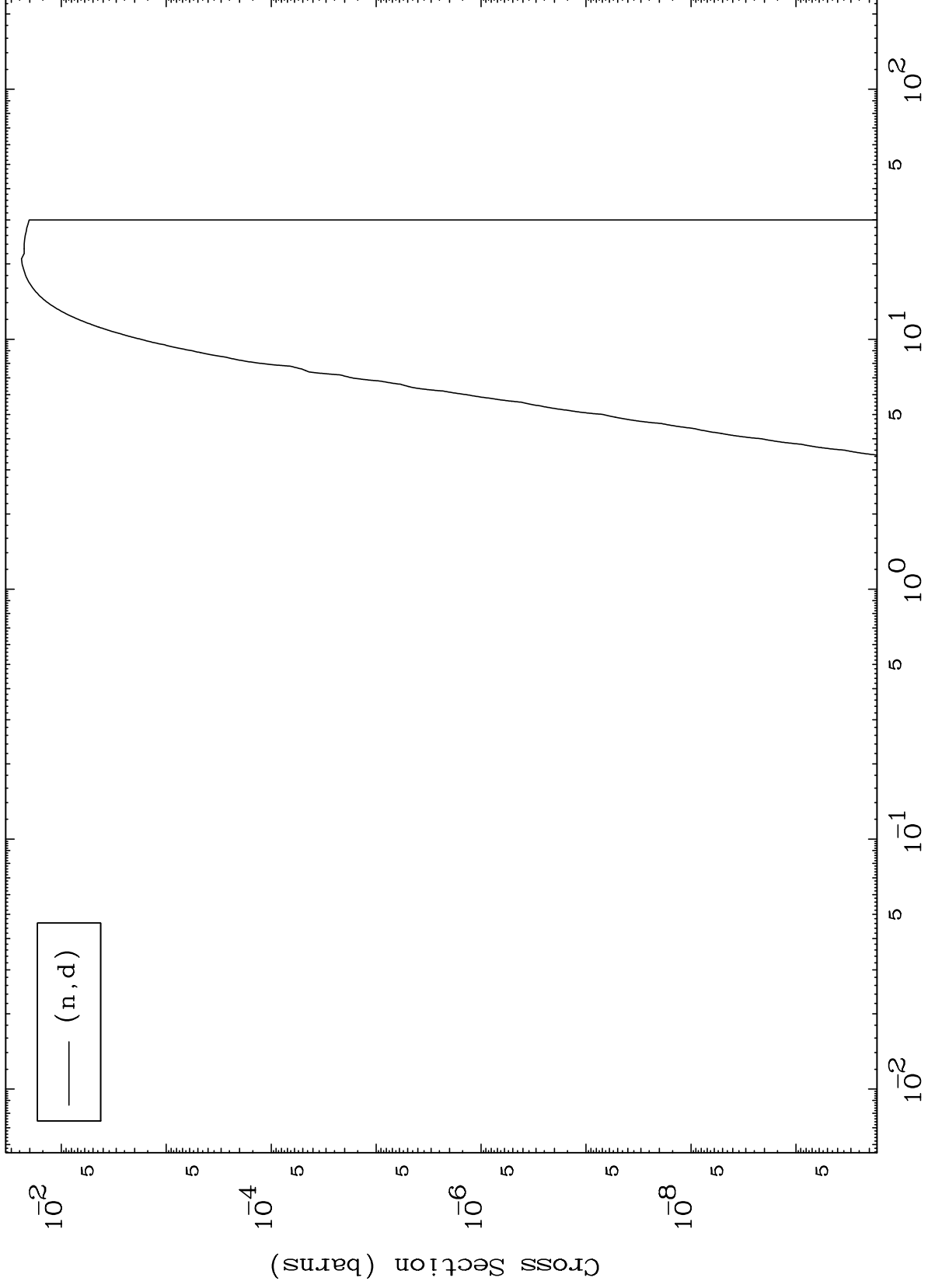




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(n,d) Levels  
293 Kelvin Cross Sections

64-Gd-136



8

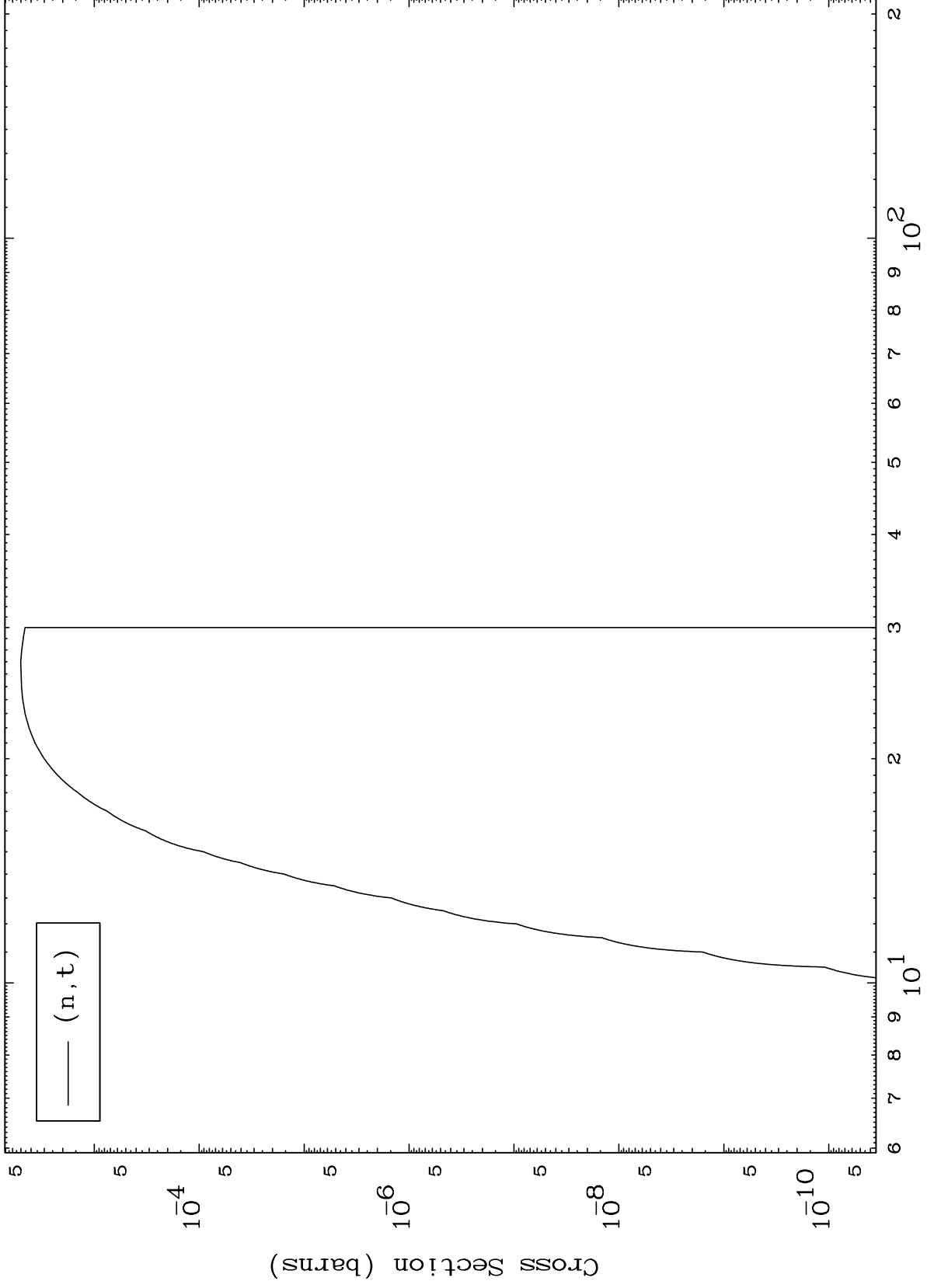
Incident Energy (MeV)

64-Gd-136

MAT 6377

(n,t) Levels  
293 Kelvin Cross Sections

64-Gd-136



9

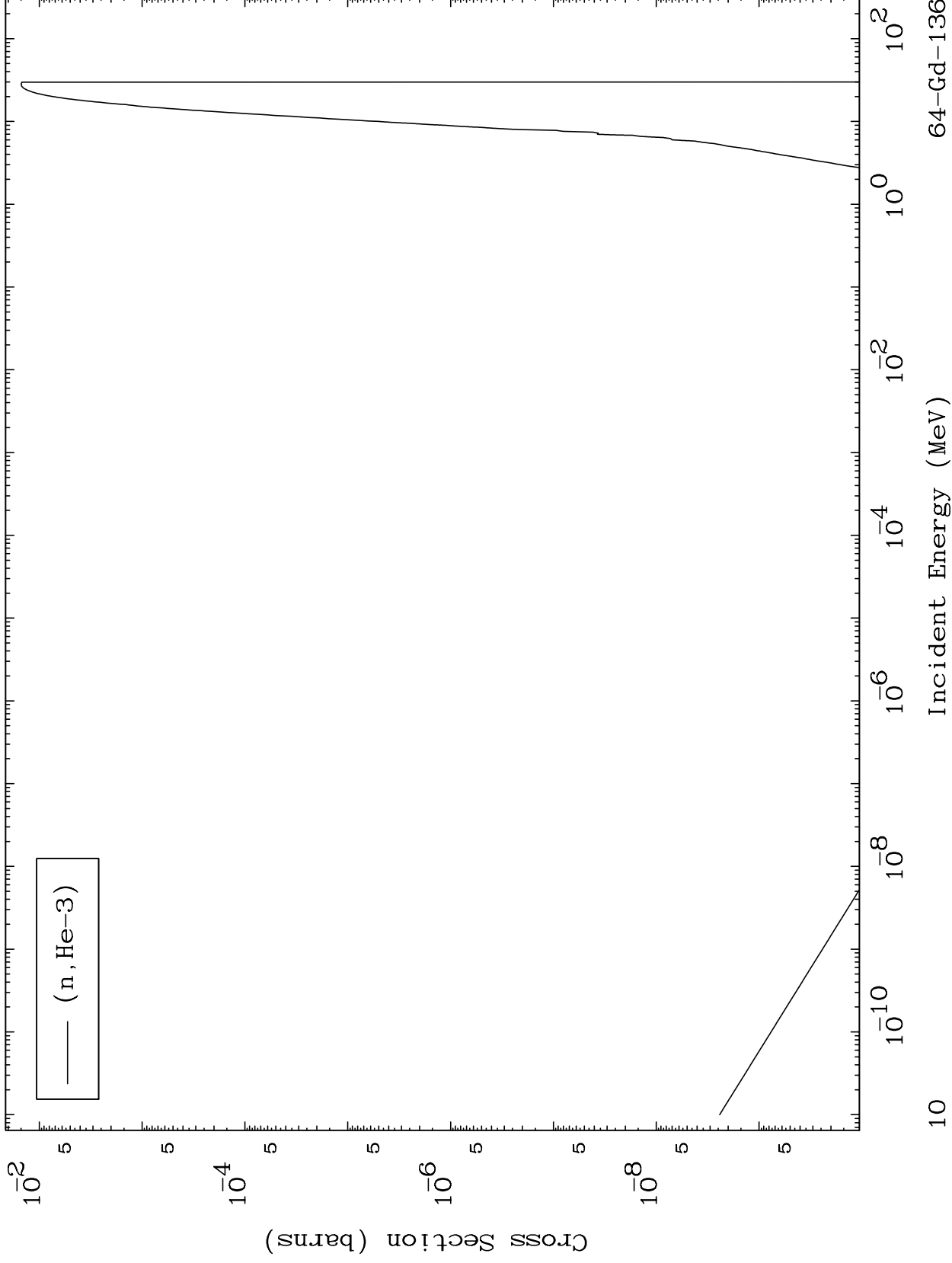
Incident Energy (MeV)

64-Gd-136

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(n,He3) Levels  
293 Kelvin Cross Sections

64-Gd-136



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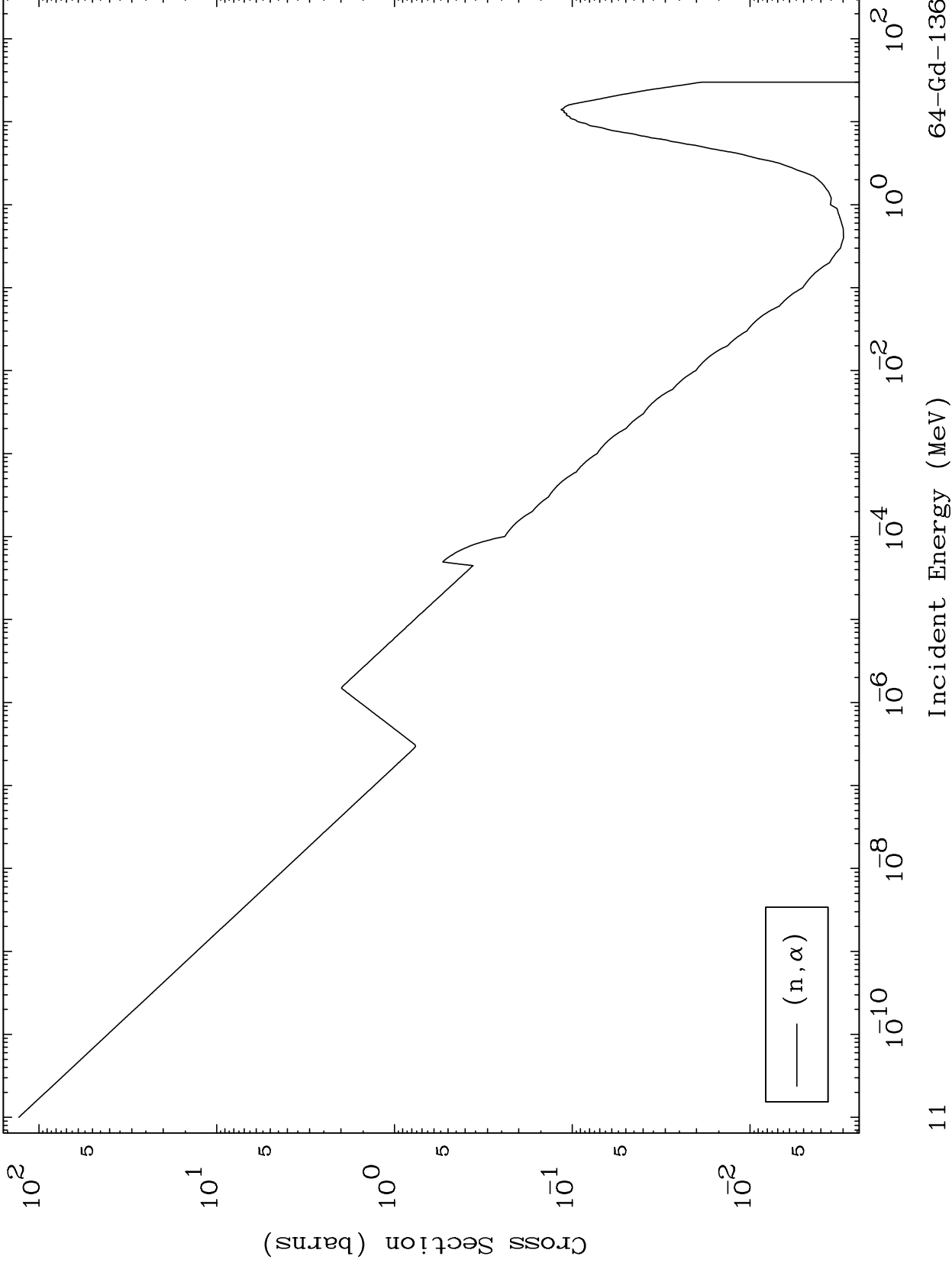
Incident Energy (MeV)

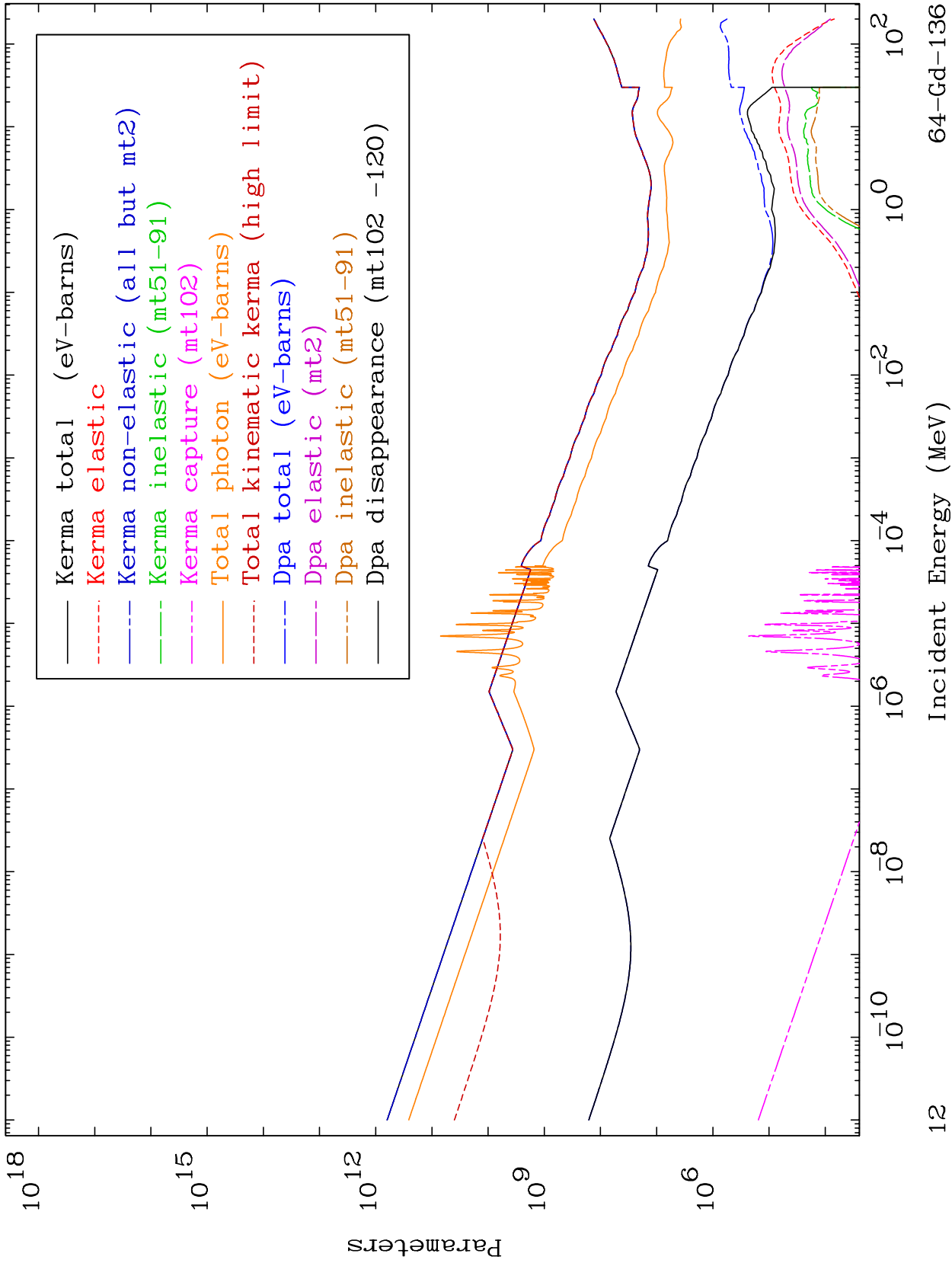
64-Gd-136

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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

64-Gd-136

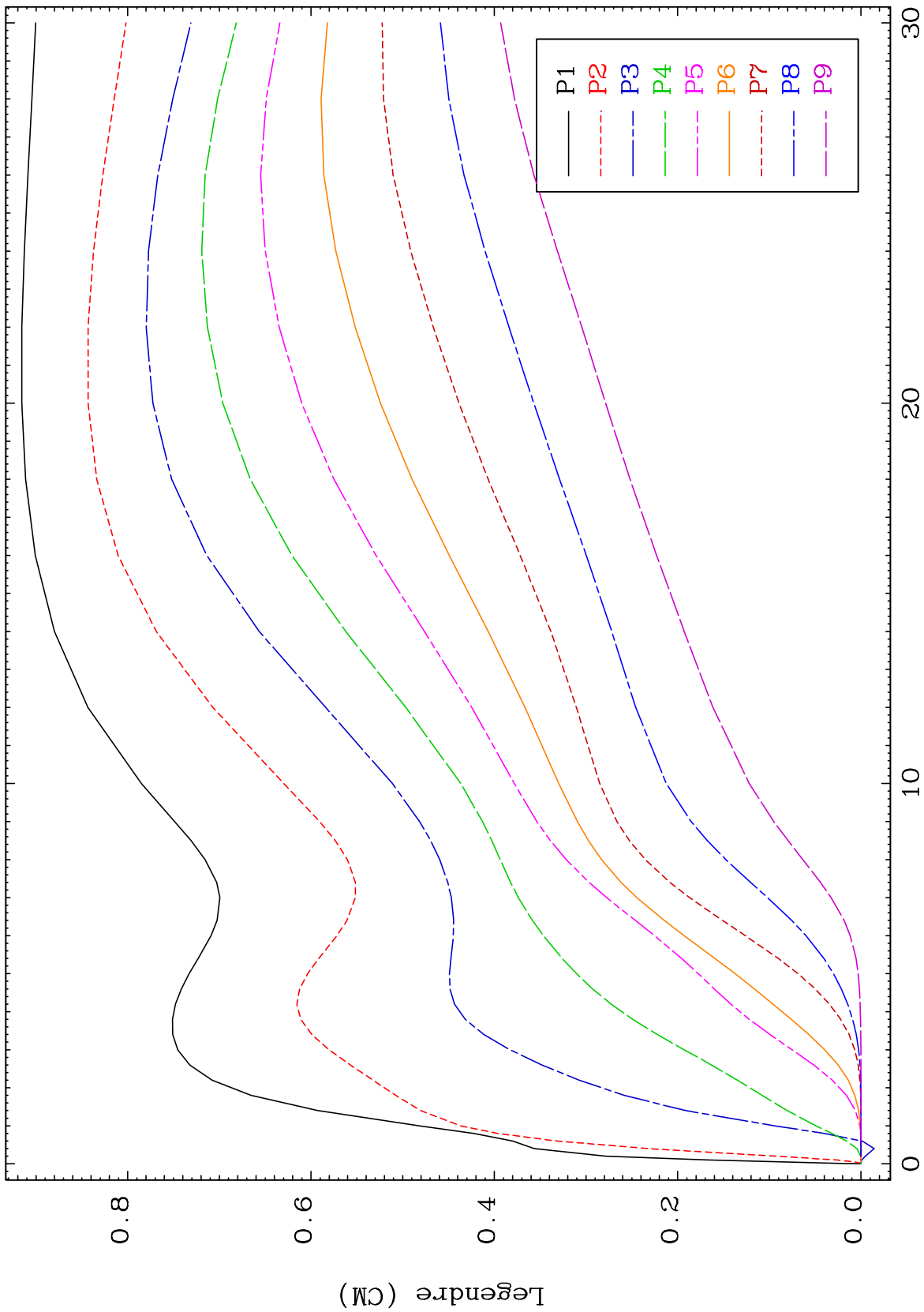




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Elastic Legendre Coefficients

64-Gd-136



13

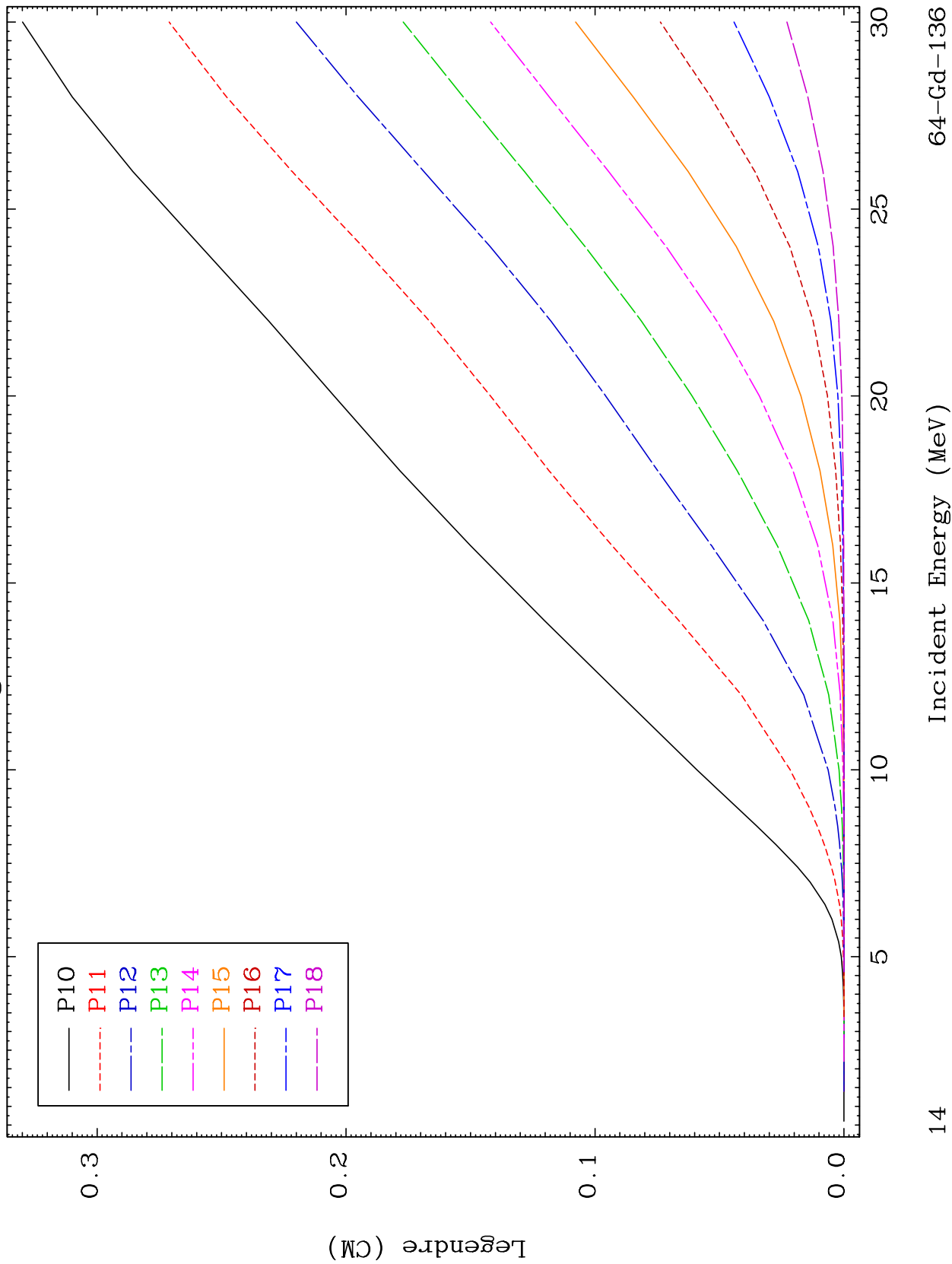
Incident Energy (MeV)

64-Gd-136

MAT 6377

Elastic Legendre Coefficients

64-Gd-136



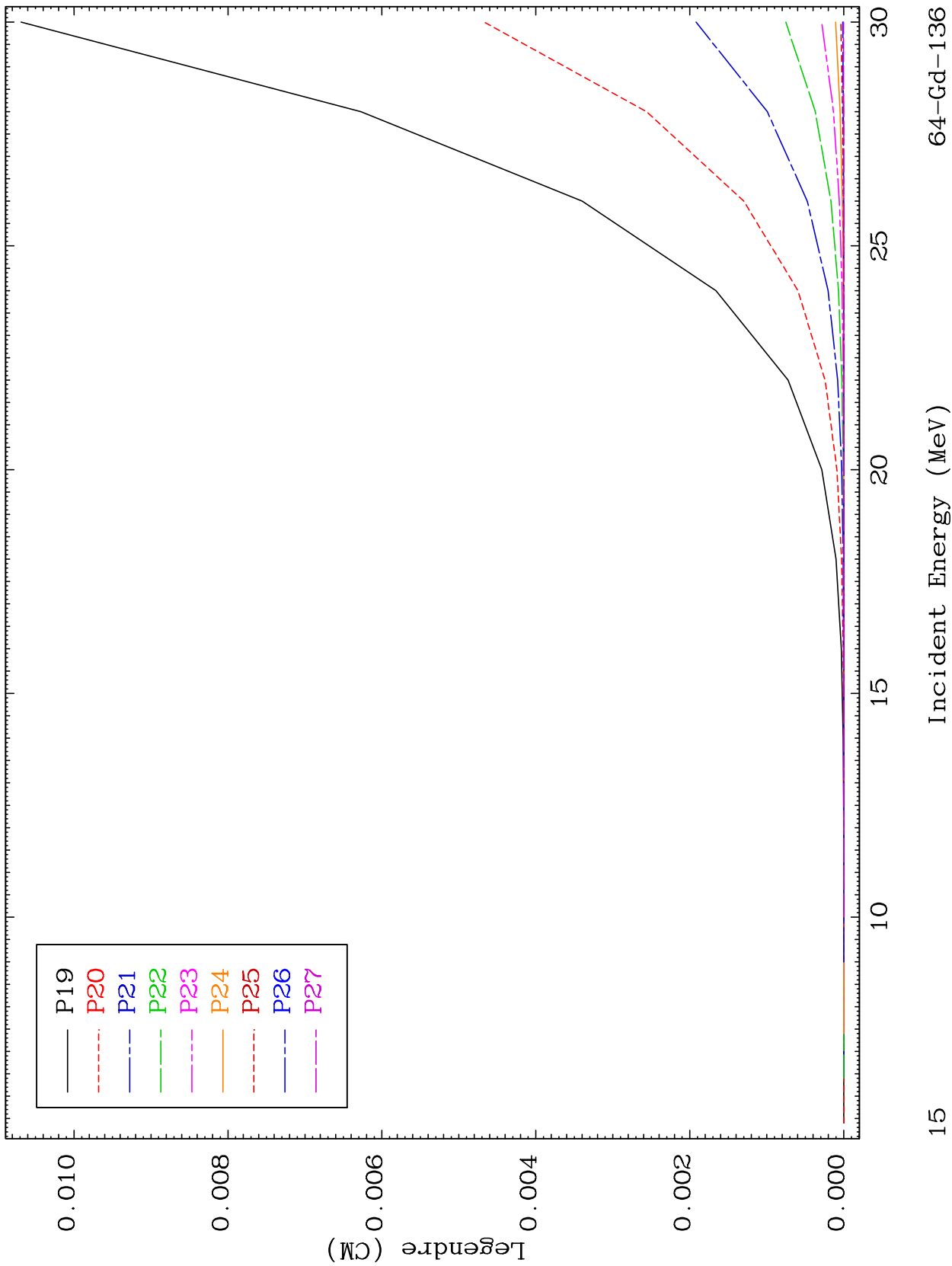
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64-Gd-136

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### Elastic Legendre Coefficients

64-Gd-136



15

Incident Energy (MeV)

64-Gd-136



MAT 6377

Elastic Legendre Coefficients

64-Gd-136



16

Incident Energy (MeV)

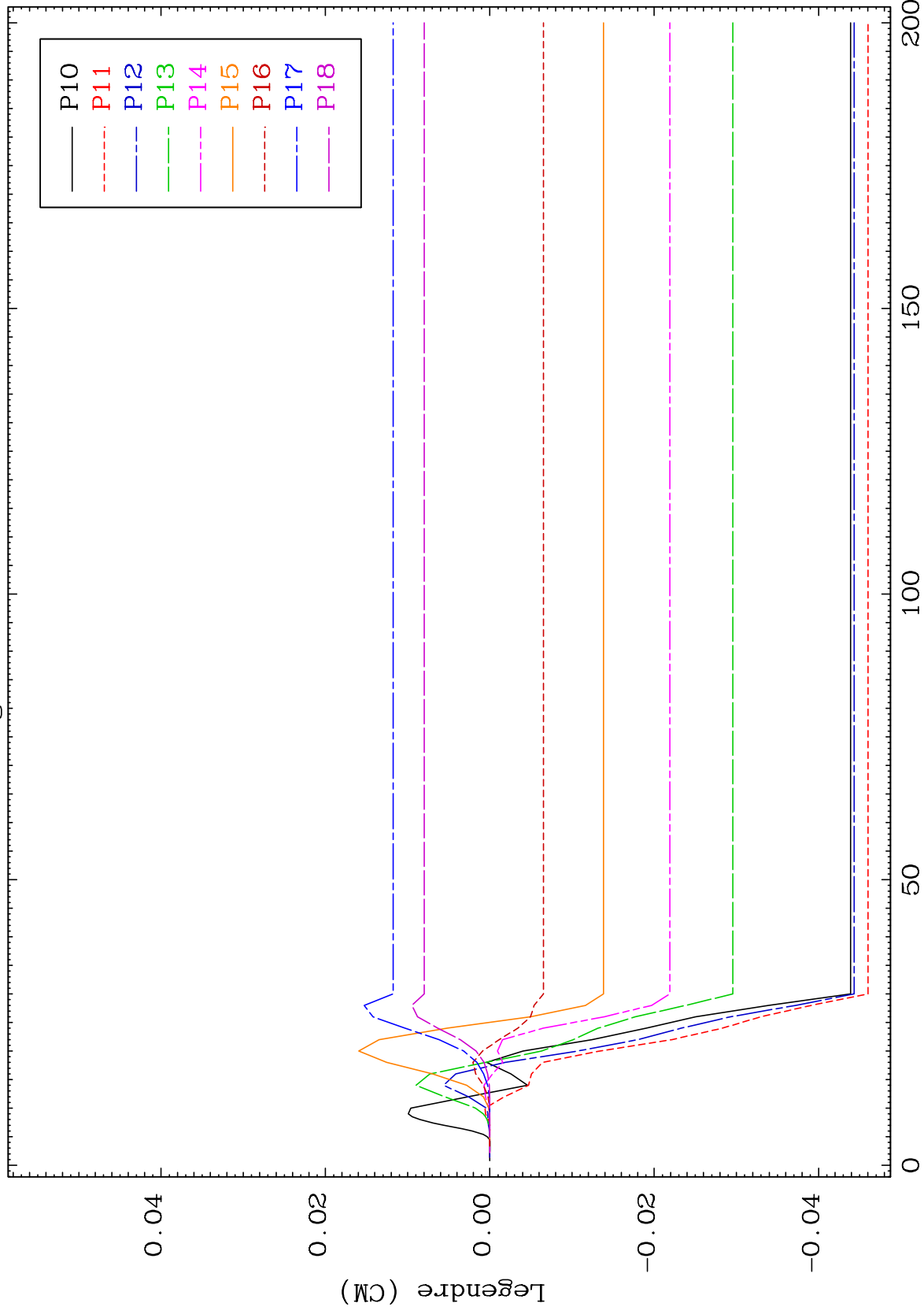
64-Gd-136



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

64-Gd-136



18

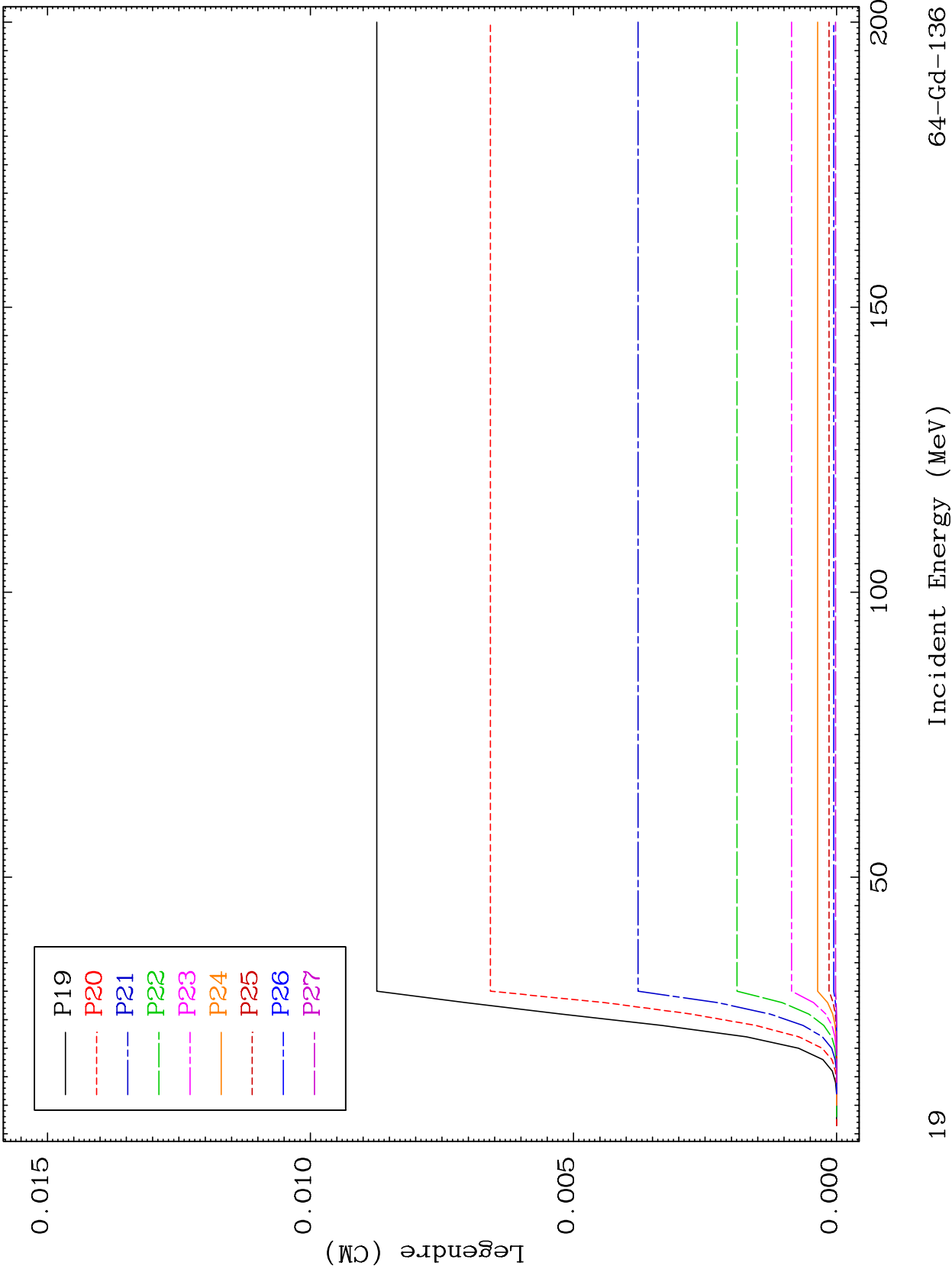
Incident Energy (MeV)

64-Gd-136

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

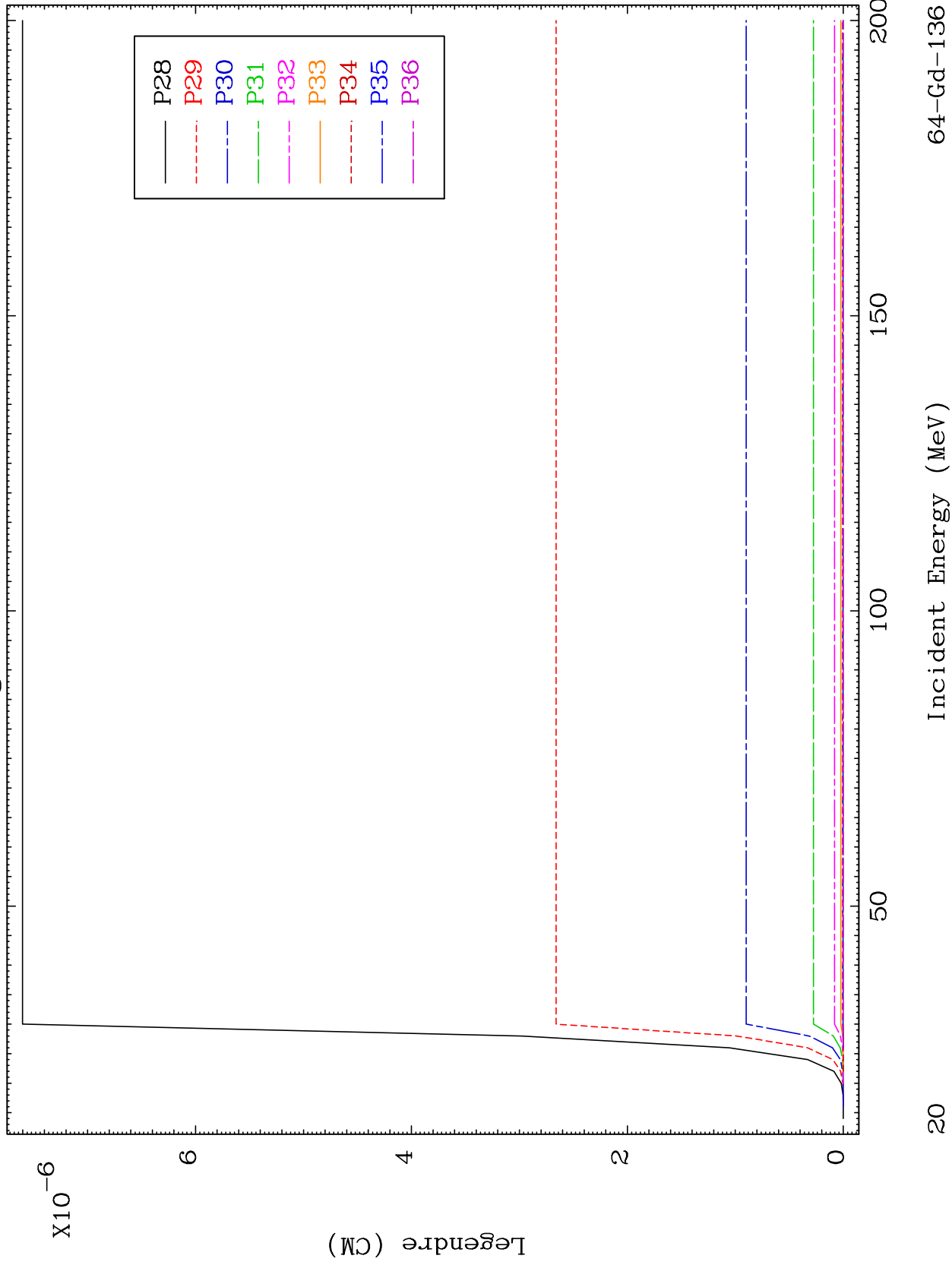
64-Gd-136



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

64-Gd-136

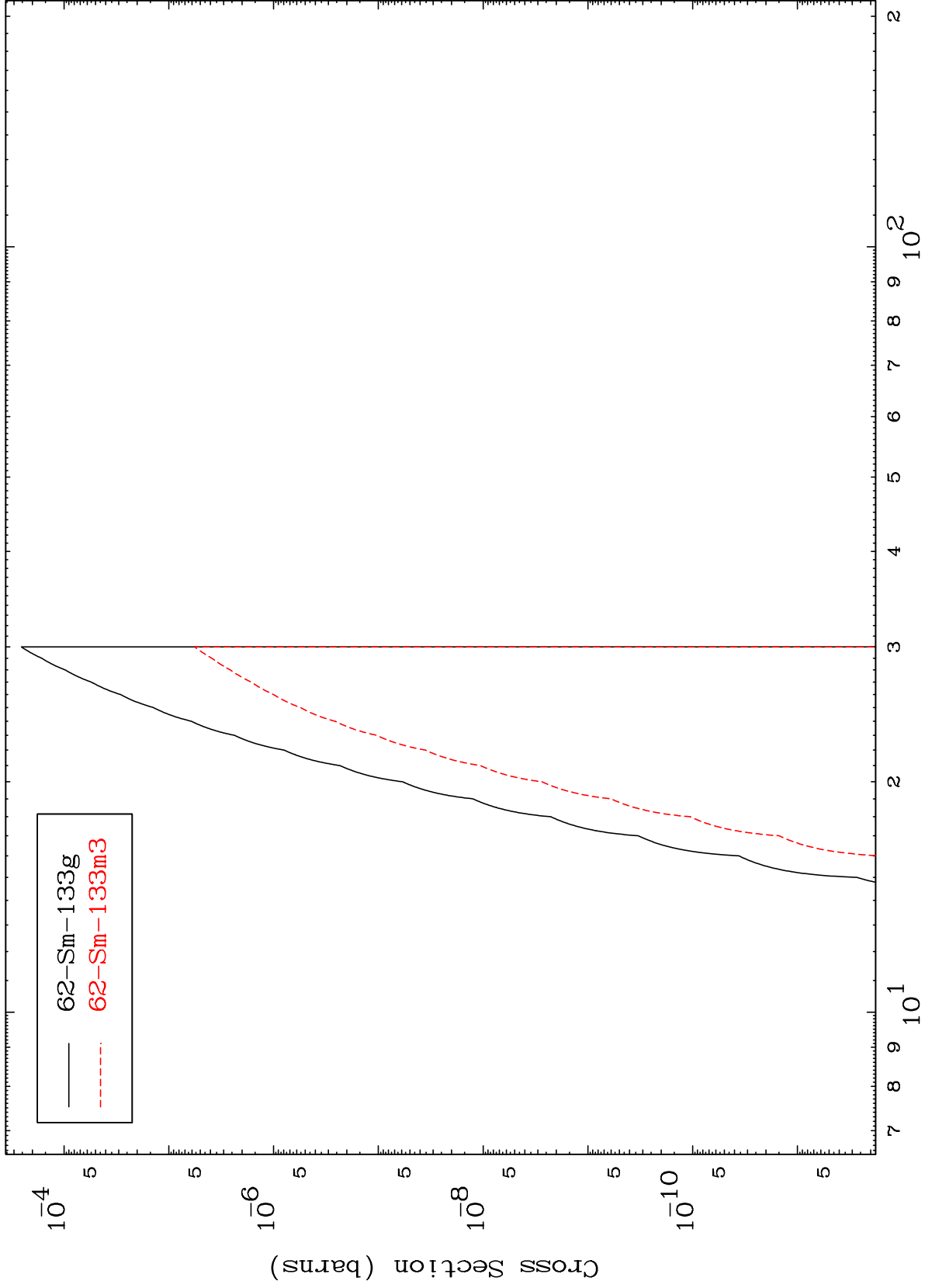


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(n,n') He-3

64-Gd-136

Radionuclide Production Cross Section

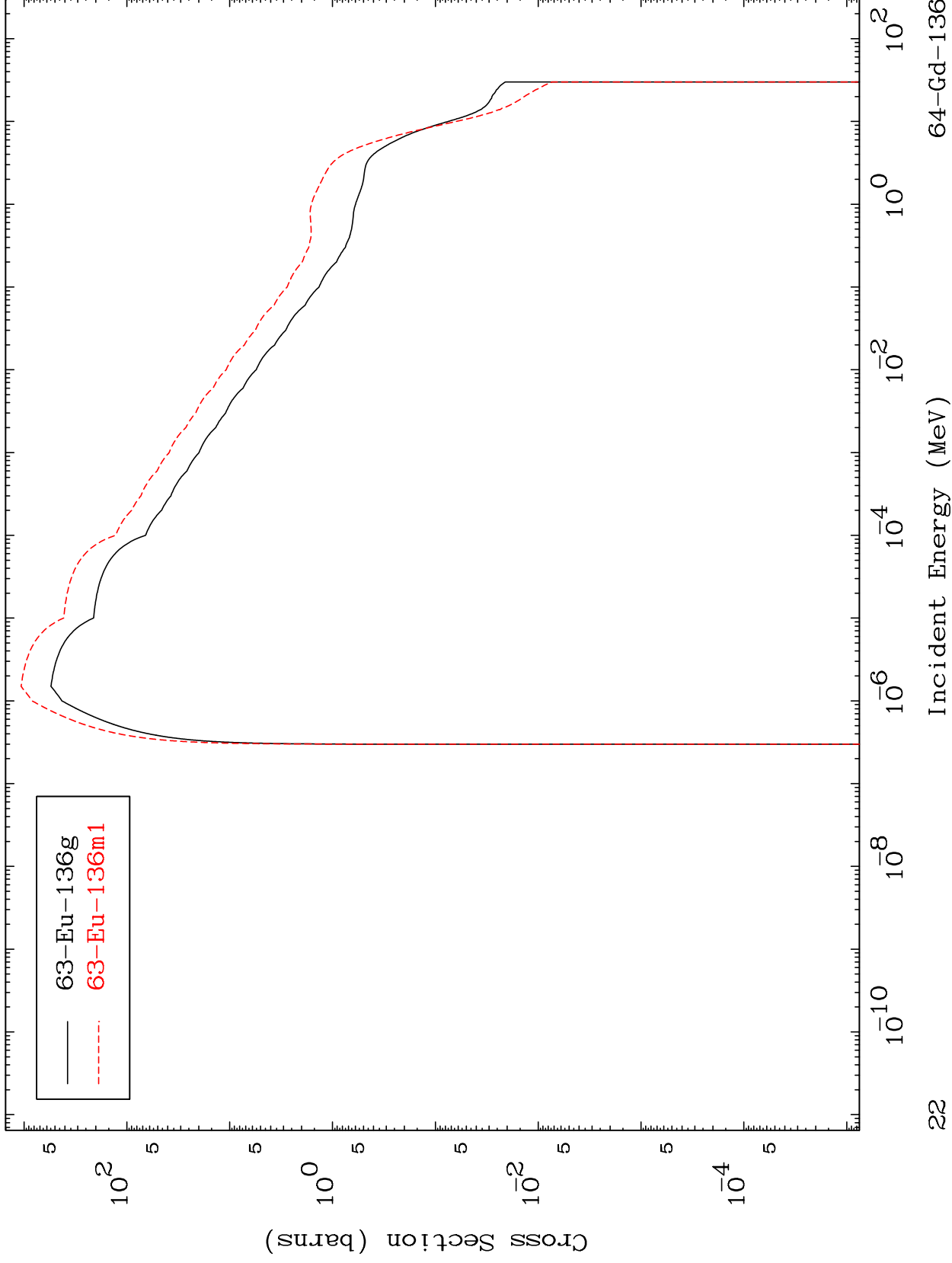


62-Sm-133g  
62-Sm-133m3

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64-Gd-136

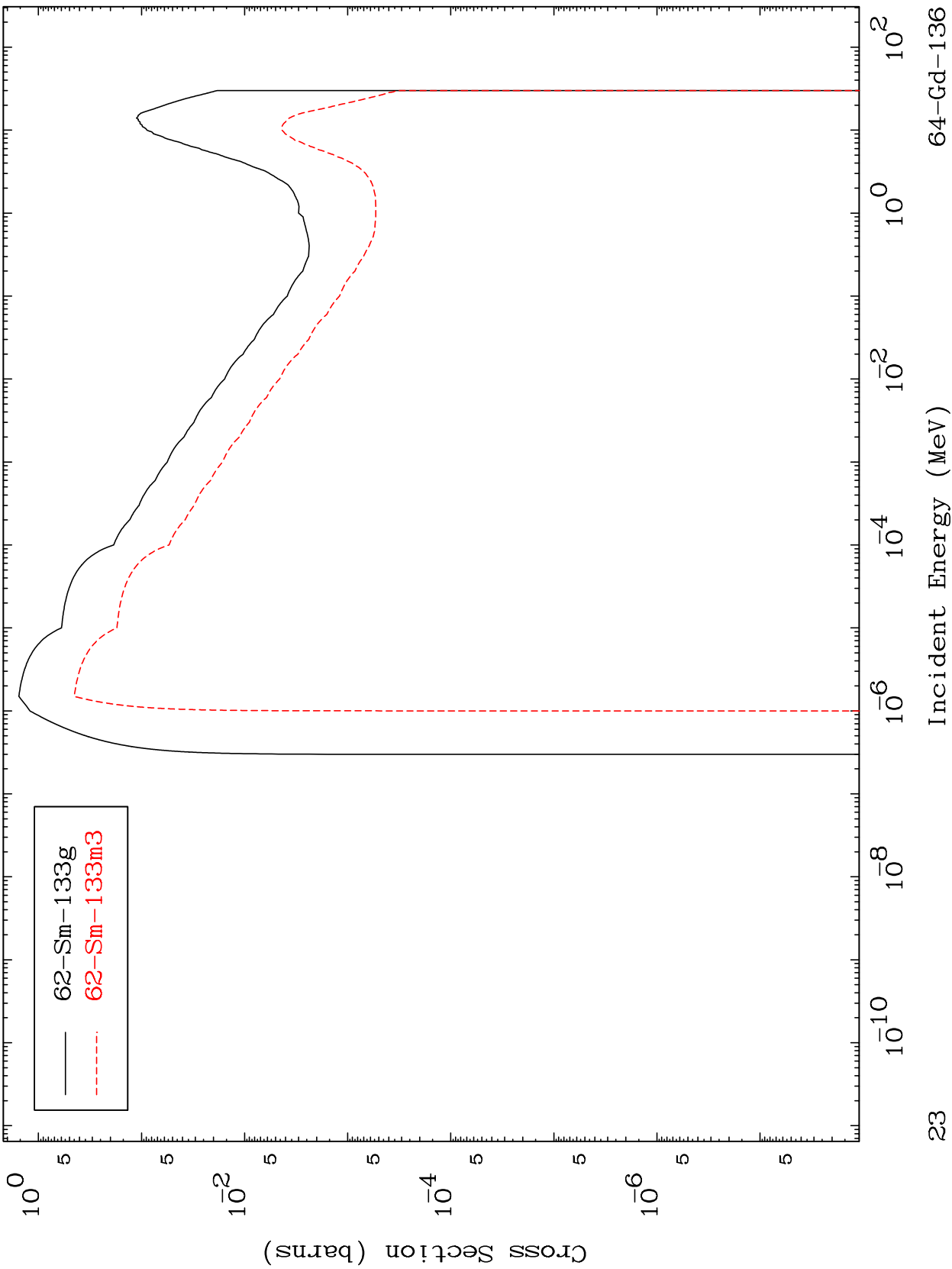
(n,p)  
Radionuclide Production Cross Section



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64-Gd-136

Radionuclide Production Cross Section  
(n,  $\alpha$ )



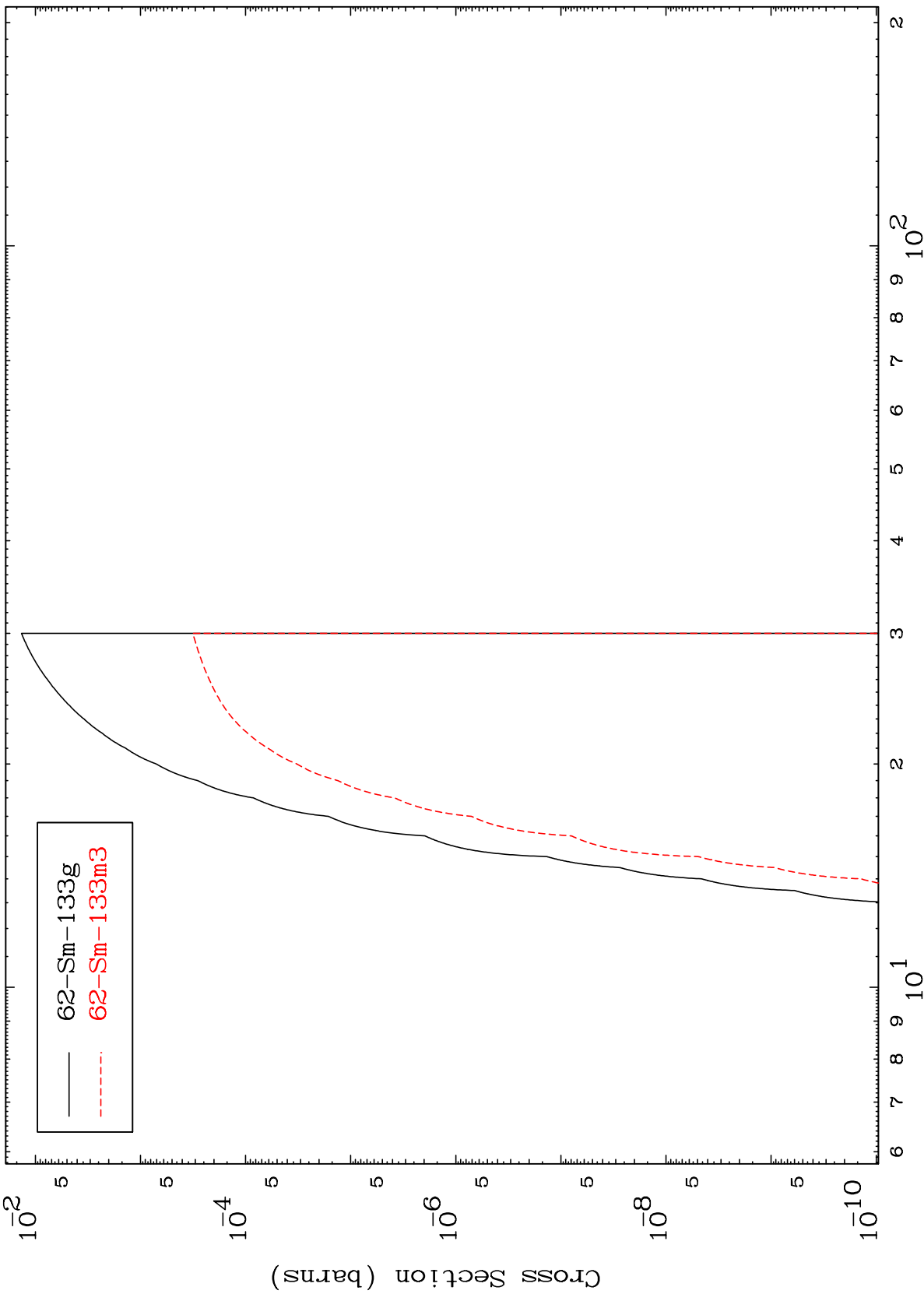


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(n,p) t

64-Gd-136

Radionuclide Production Cross Section



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Incident Energy (MeV)

64-Gd-136