

Program EVALPLOT  
(Version 2018-1)

by

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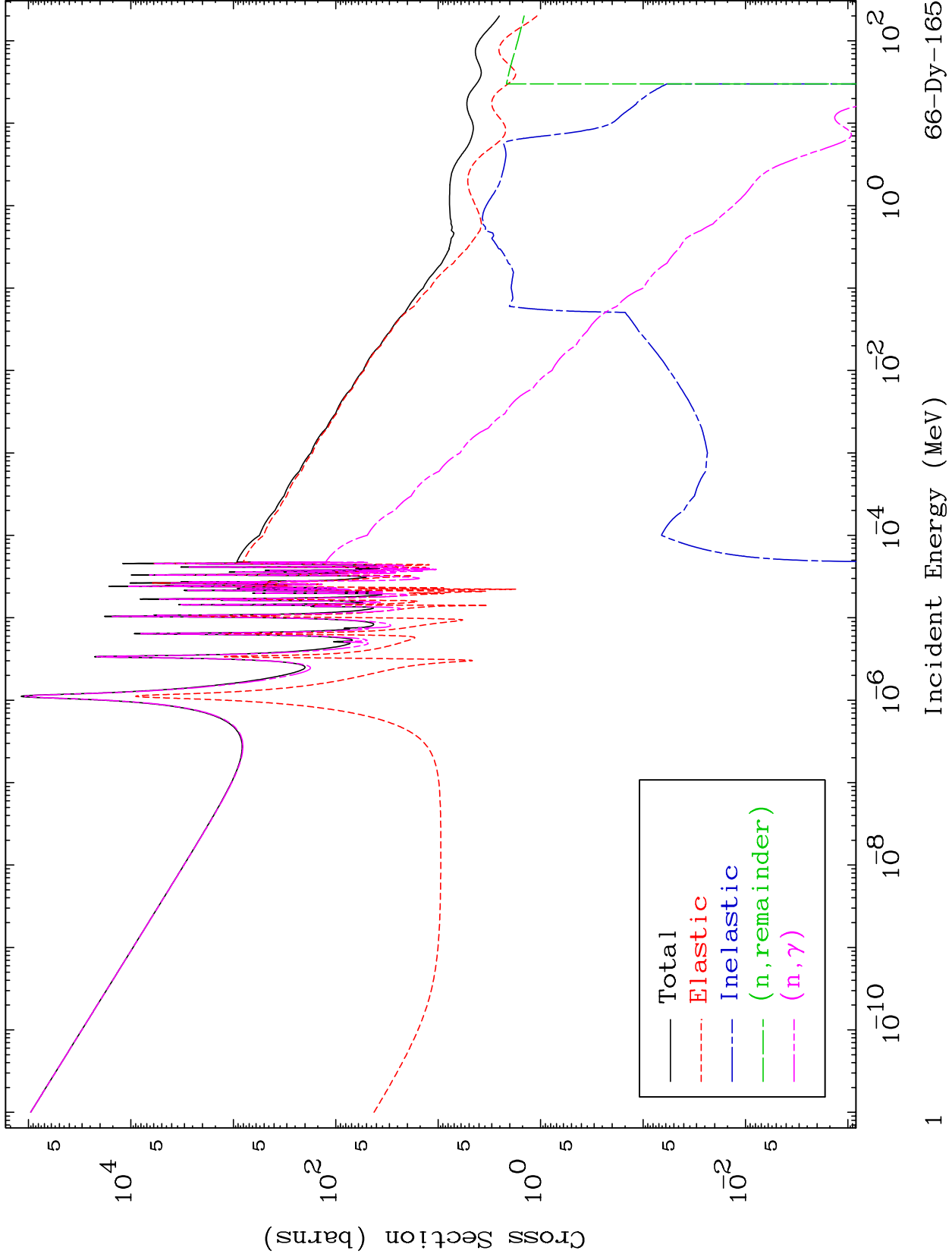
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6653

Major  
293 Kelvin Cross Sections

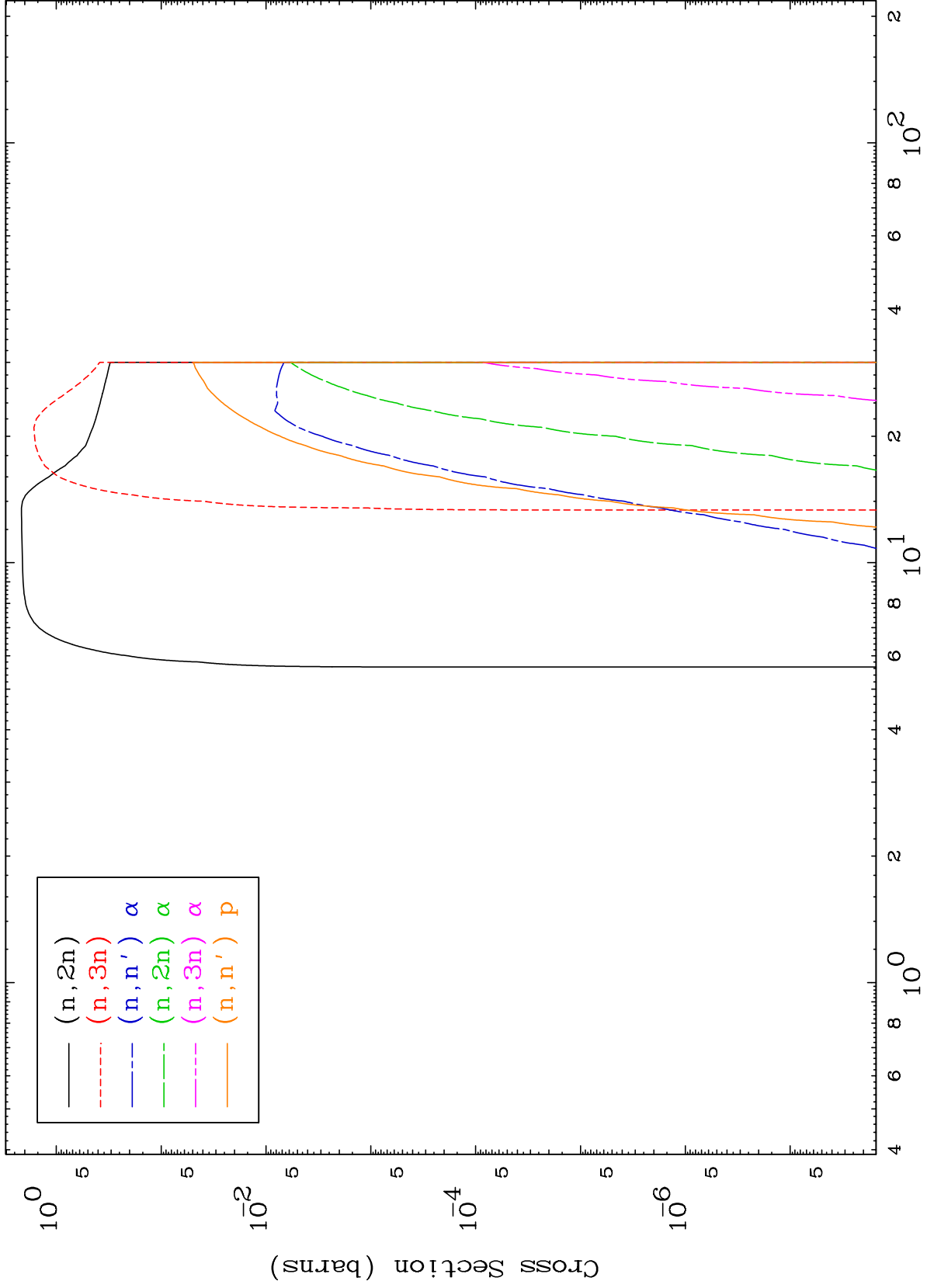
66-Dy-165



MAT 6653

Neutron Production  
293 Kelvin Cross Sections

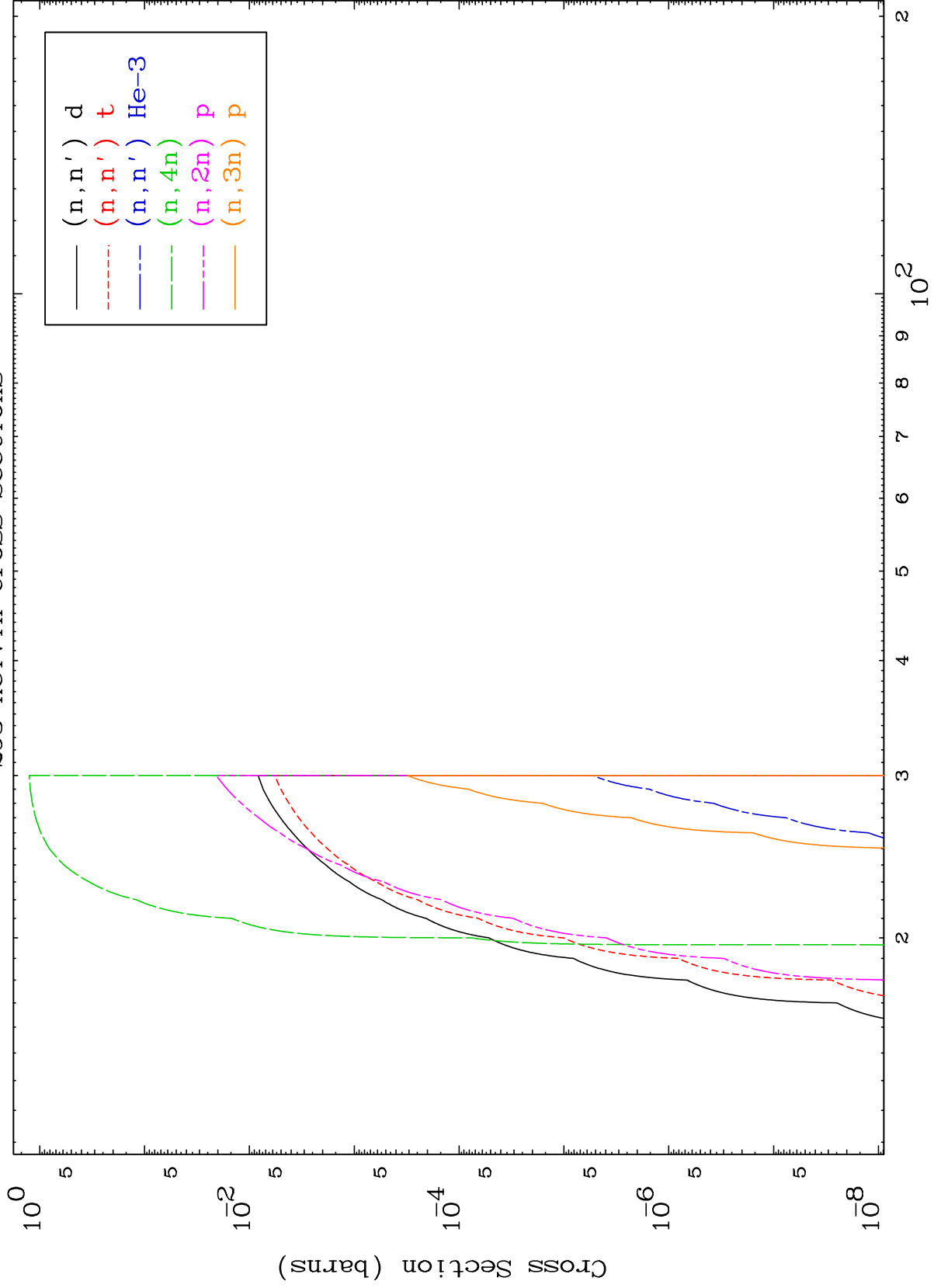
66-Dy-165



2

Incident Energy (MeV)

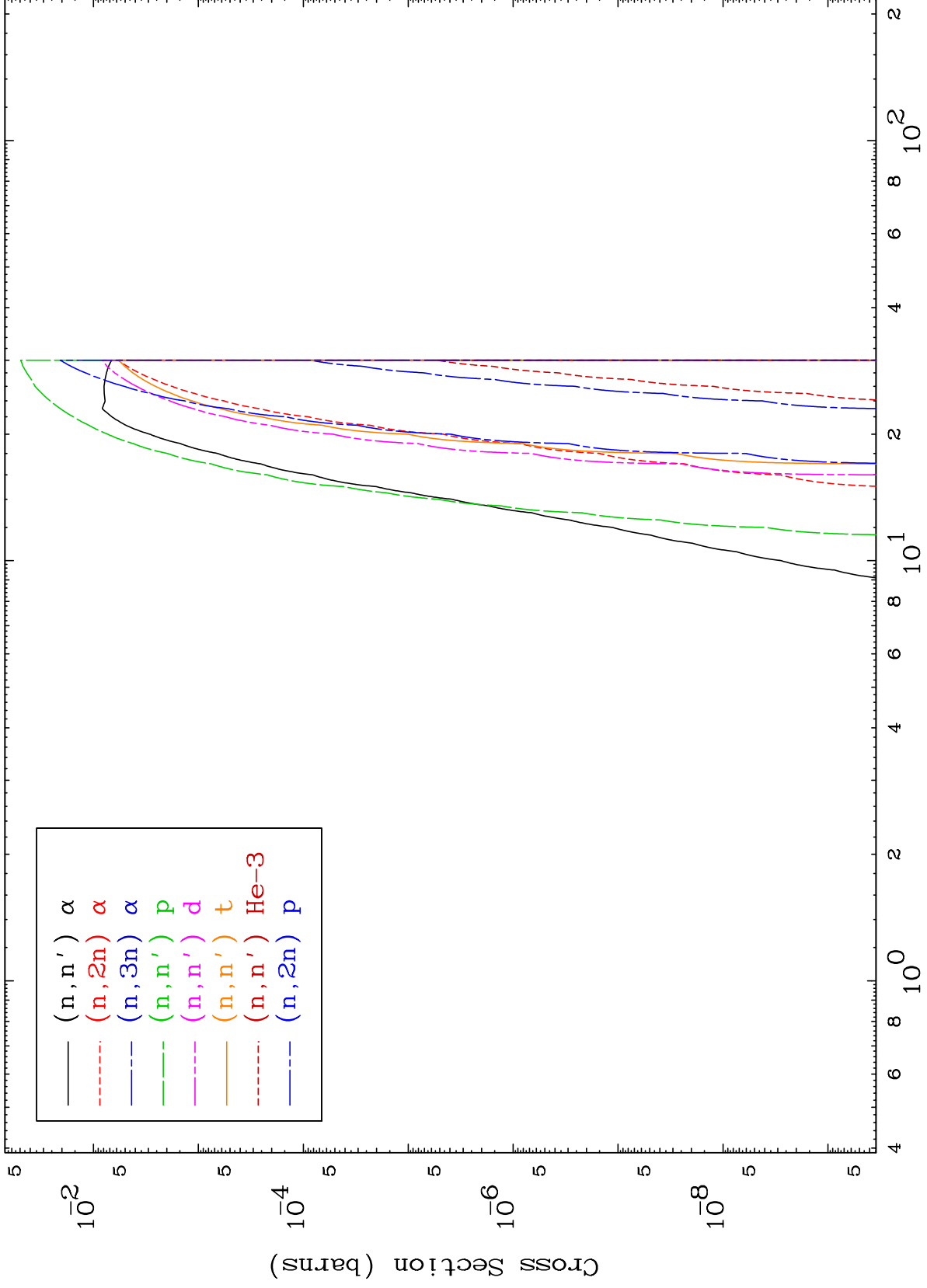
66-Dy-165



MAT 6653

Charged Particle  
293 Kelvin Cross Sections

66-Dy-165



4

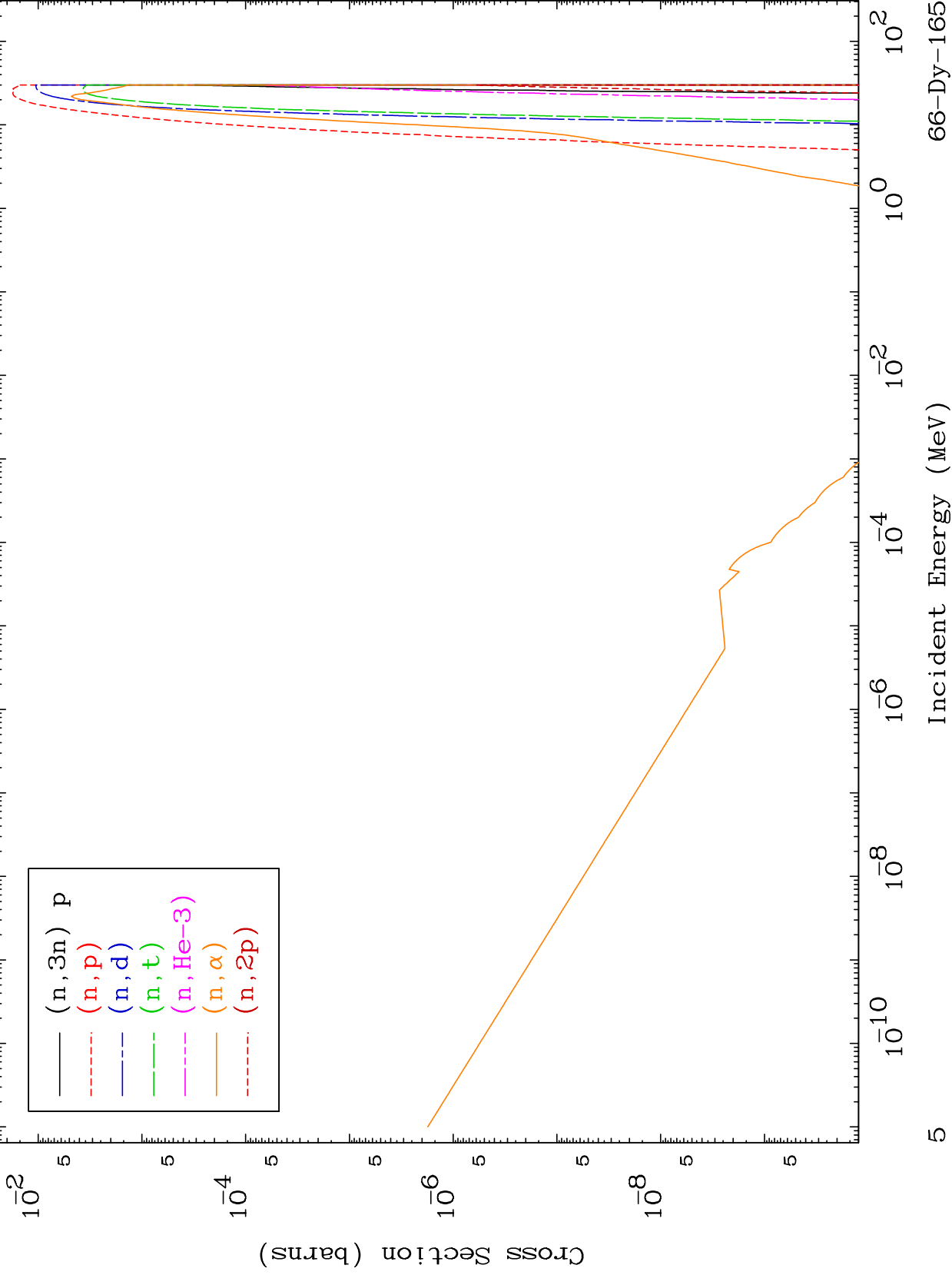
Incident Energy (MeV)

66-Dy-165

MAT 6653

Charged Particle  
293 Kelvin Cross Sections

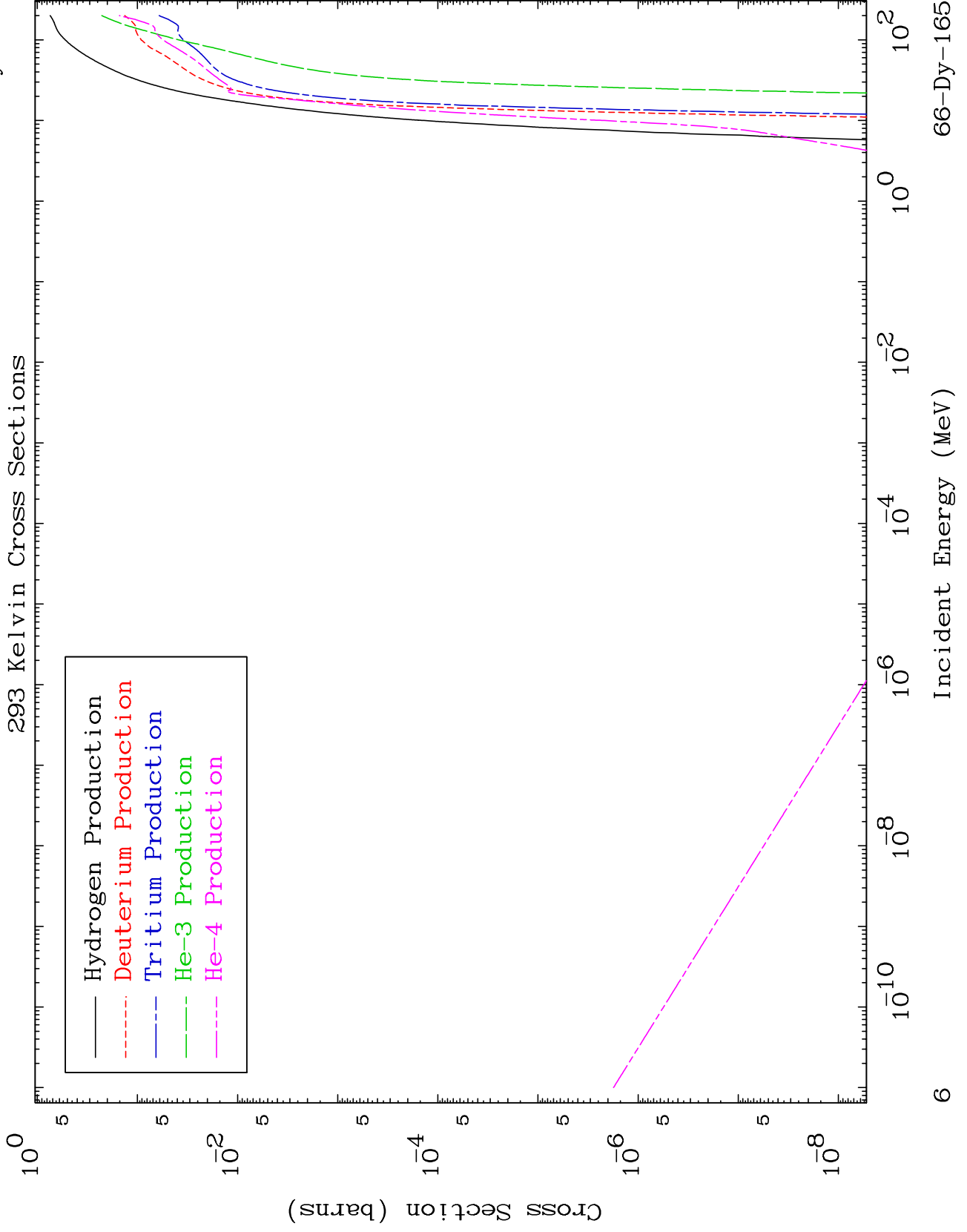
66-Dy-165



MAT 6653

Particle Production  
293 Kelvin Cross Sections

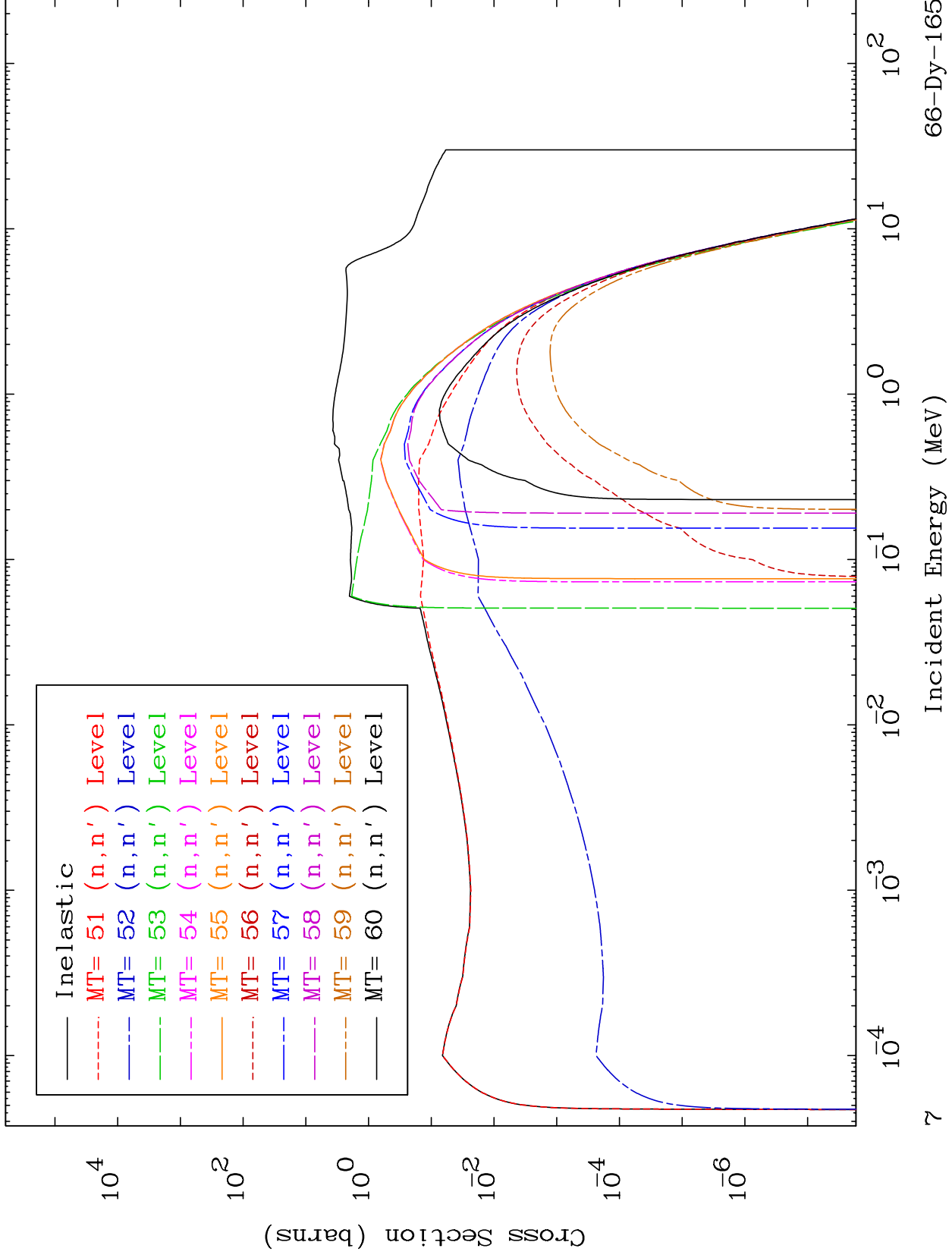
66-Dy-165



MAT 6653

(n,n') Level  
293 Kelvin Cross Sections

66-Dy-165



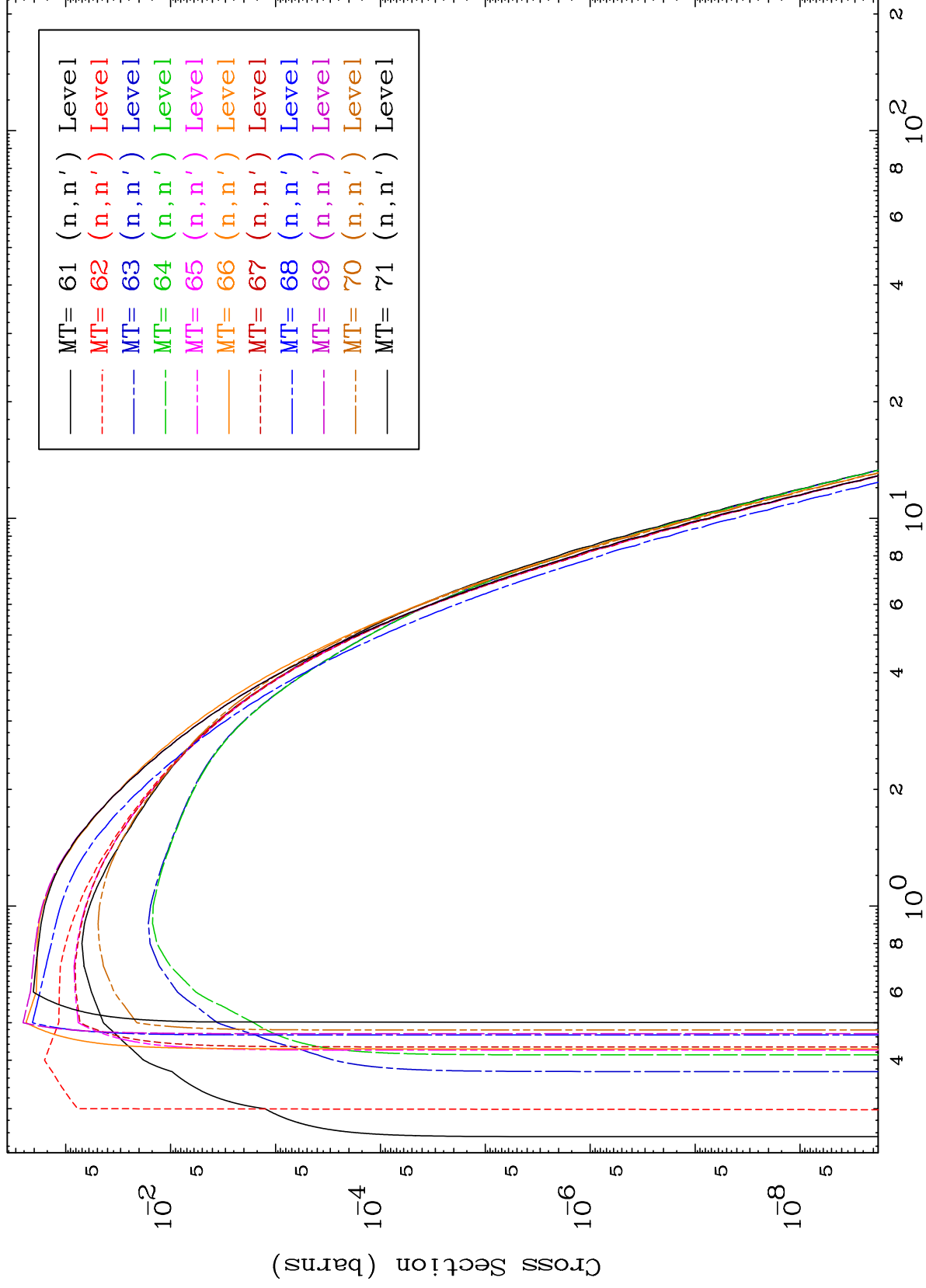


MAT 6653

(n,n') Level

66-Dy-165

293 Kelvin Cross Sections



8

Incident Energy (MeV)

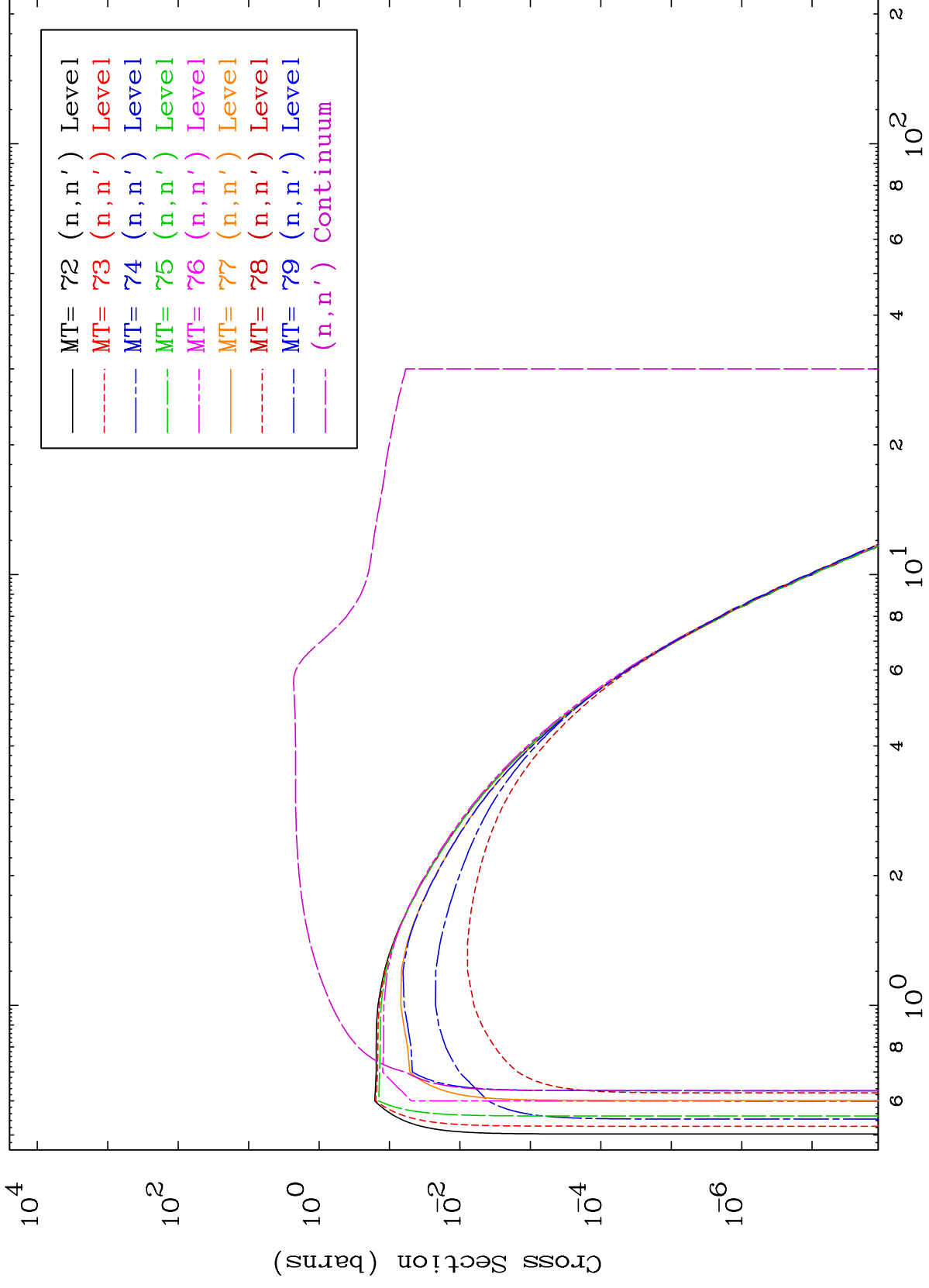
66-Dy-165

MAT 6653

(n,n') Level

66-Dy-165

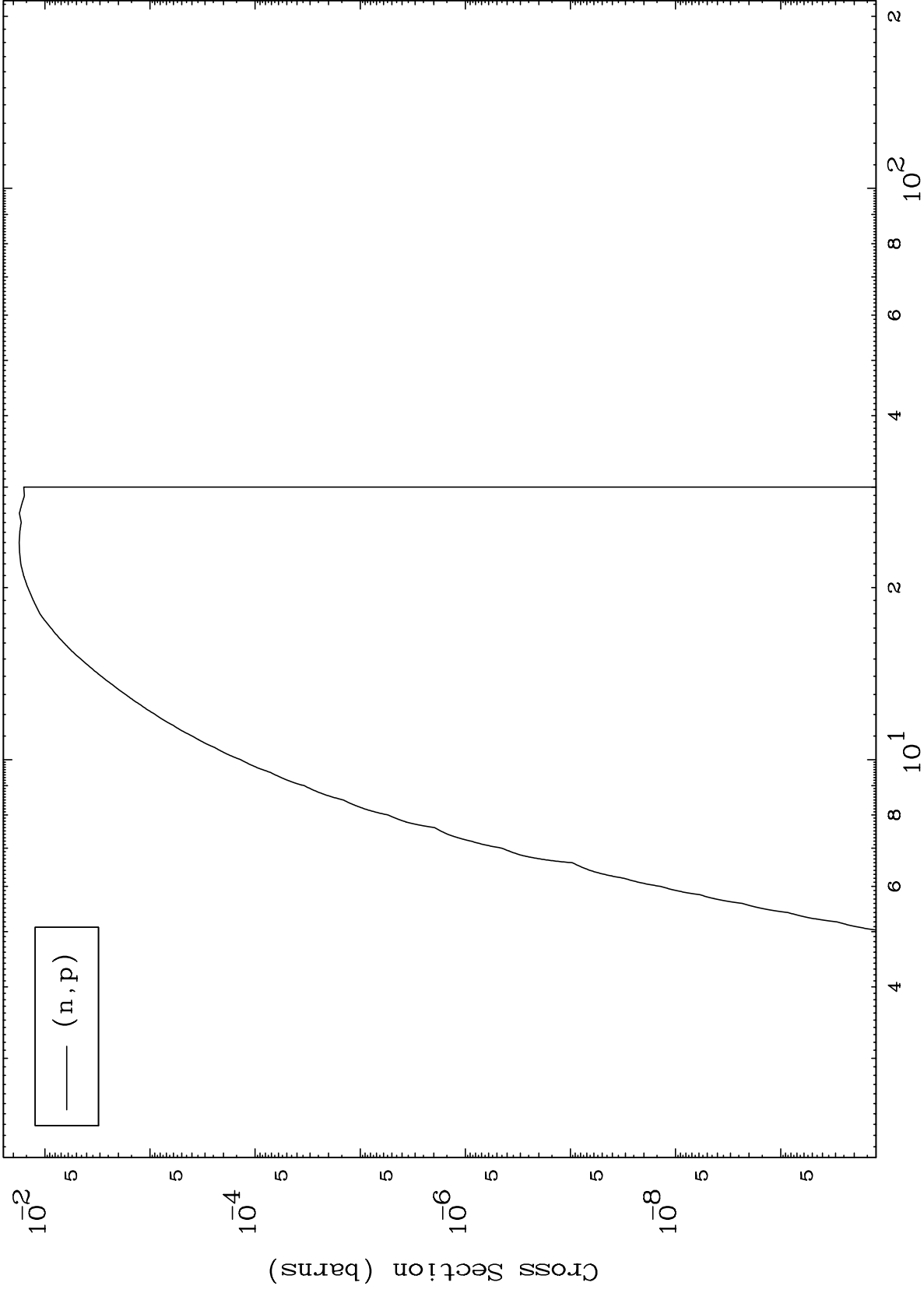
293 Kelvin Cross Sections



MAT 6653

(n,p) Levels  
293 Kelvin Cross Sections

66-Dy-165



10

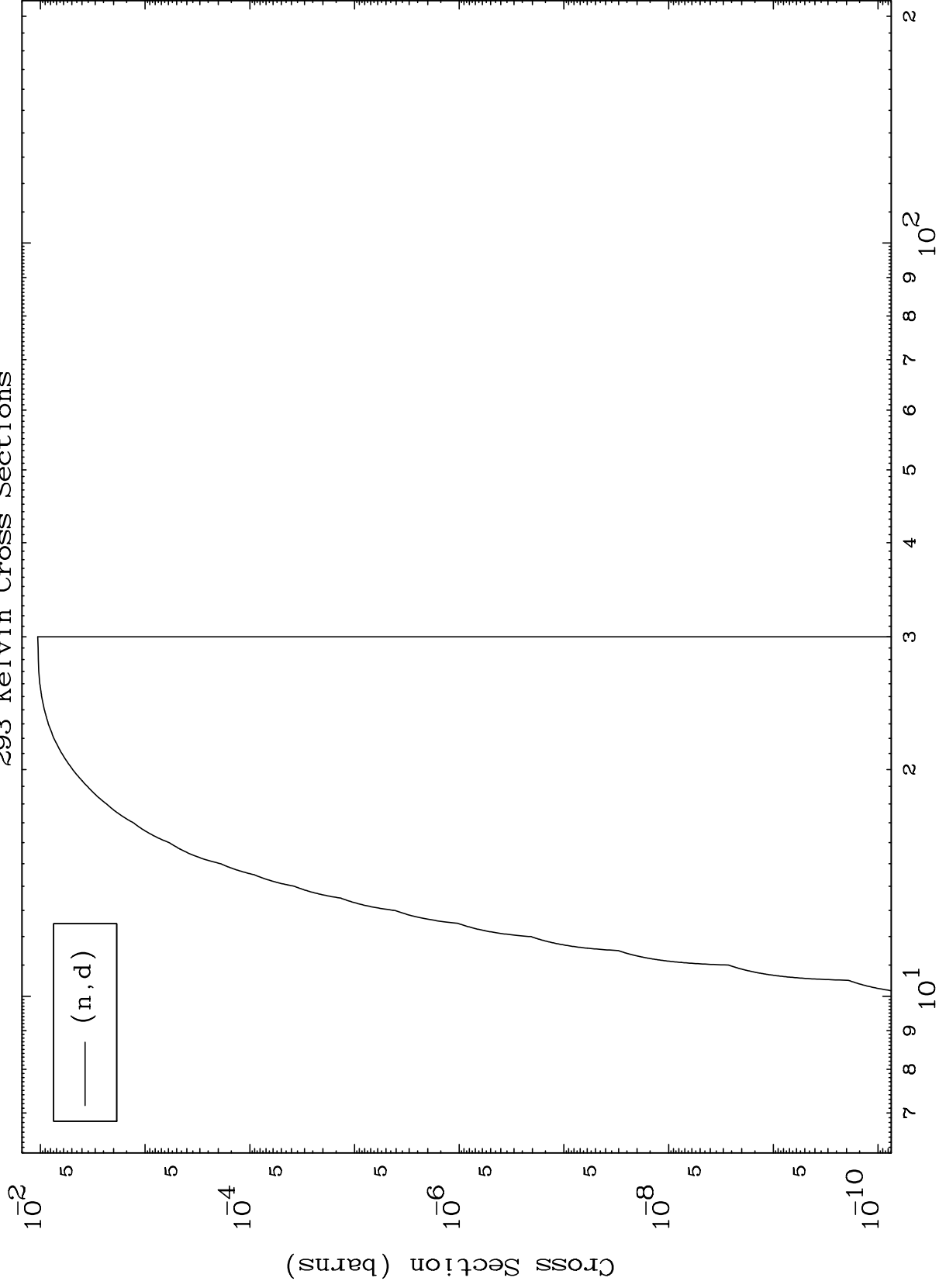
Incident Energy (MeV)

66-Dy-165

MAT 6653

(n,d) Levels  
293 Kelvin Cross Sections

66-Dy-165



11

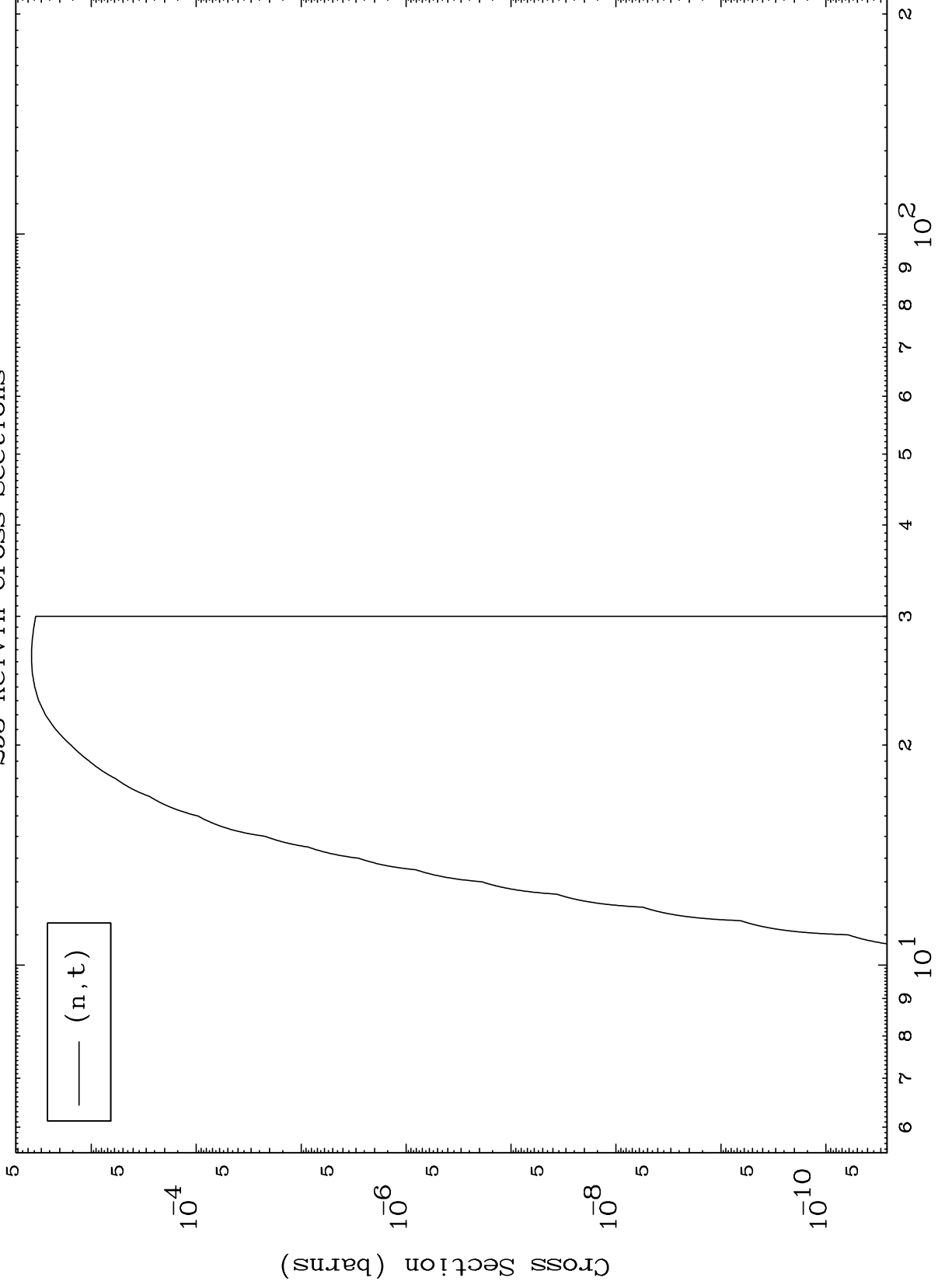
Incident Energy (MeV)

66-Dy-165

MAT 6653

(n, t) Levels  
293 Kelvin Cross Sections

66-Dy-165



12

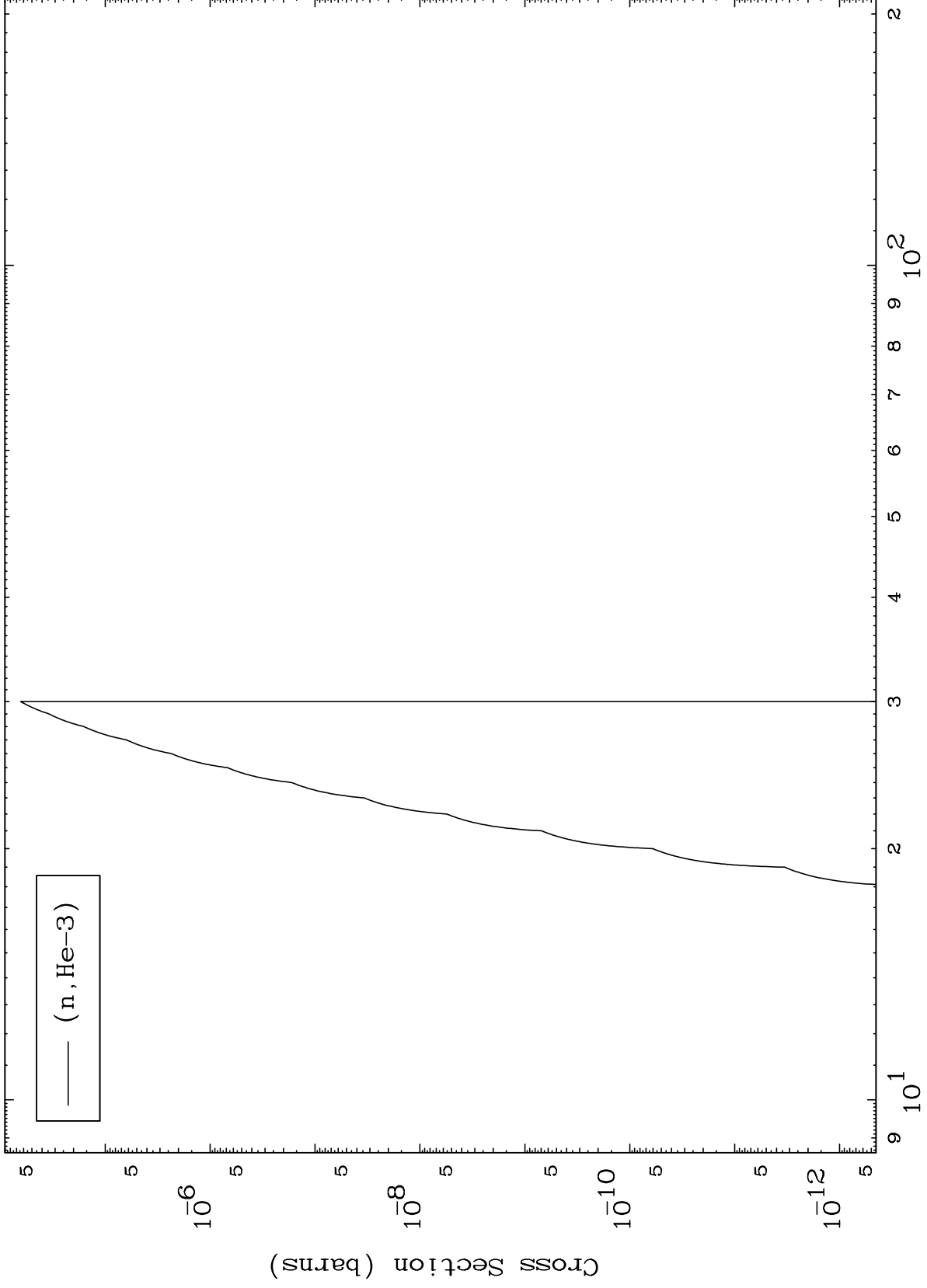
Incident Energy (MeV)

66-Dy-165

MAT 6653

(n,He3) Levels  
293 Kelvin Cross Sections

66-Dy-165



13

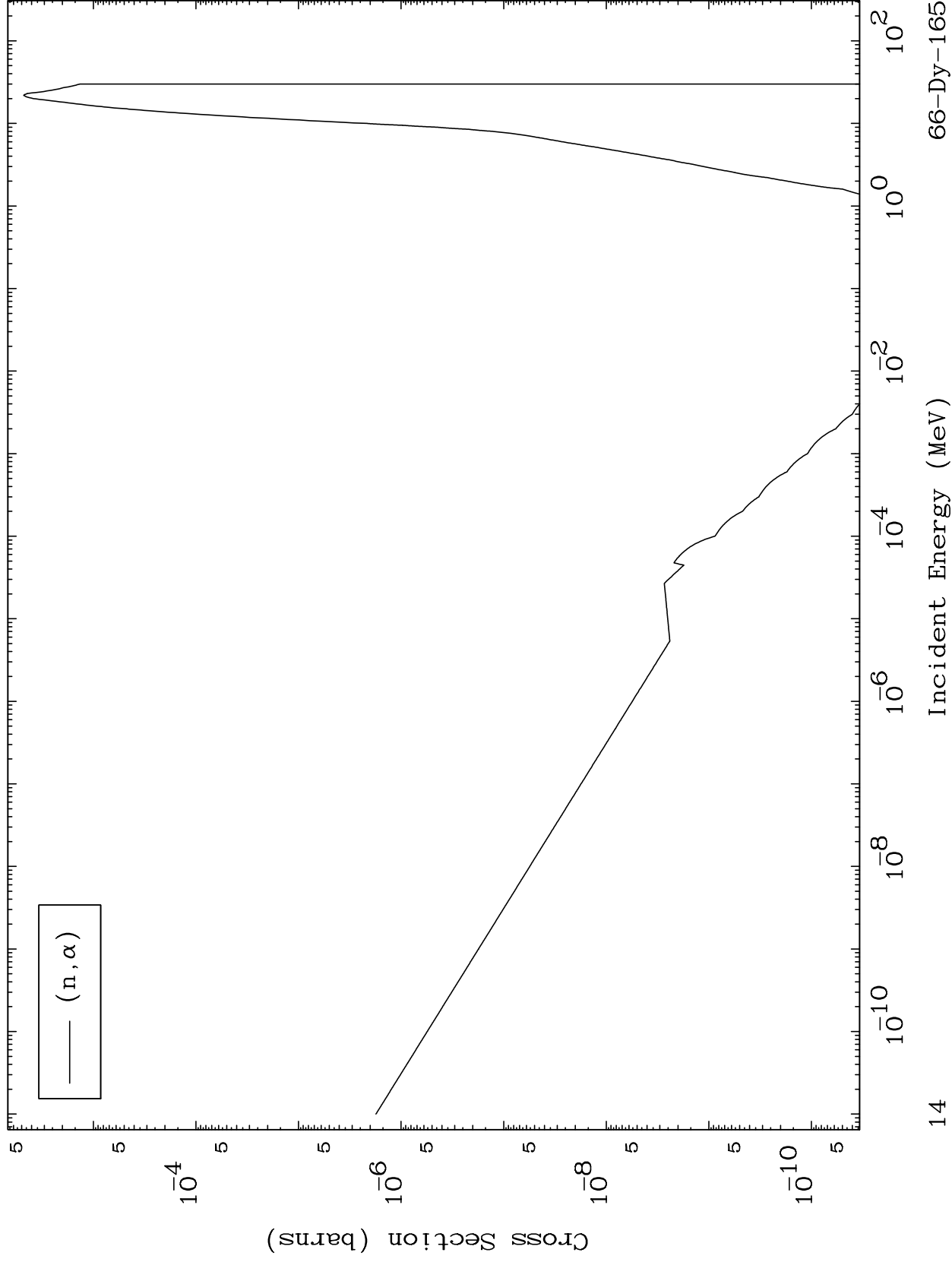
Incident Energy (MeV)

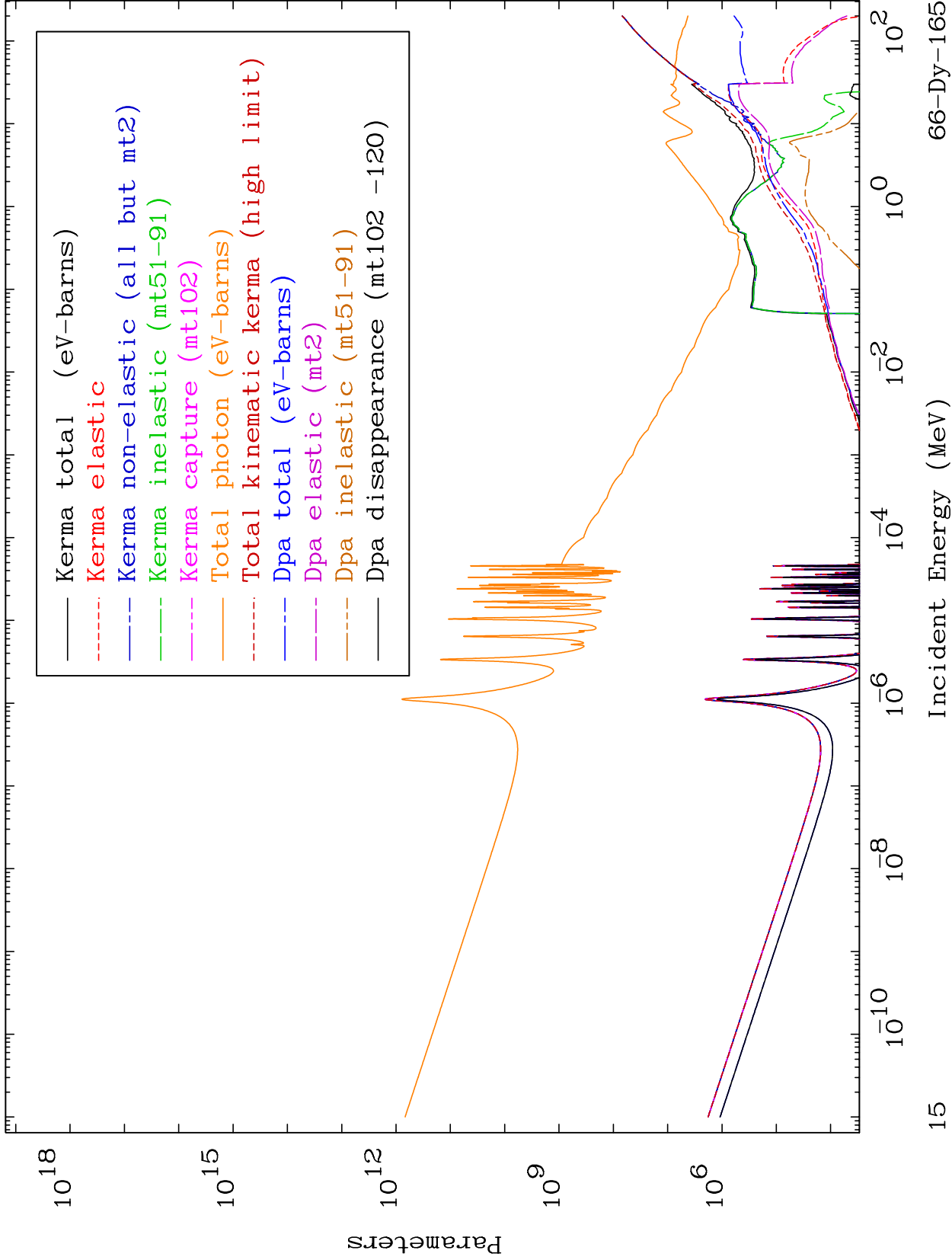
66-Dy-165

MAT 6653

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

66-Dy-165





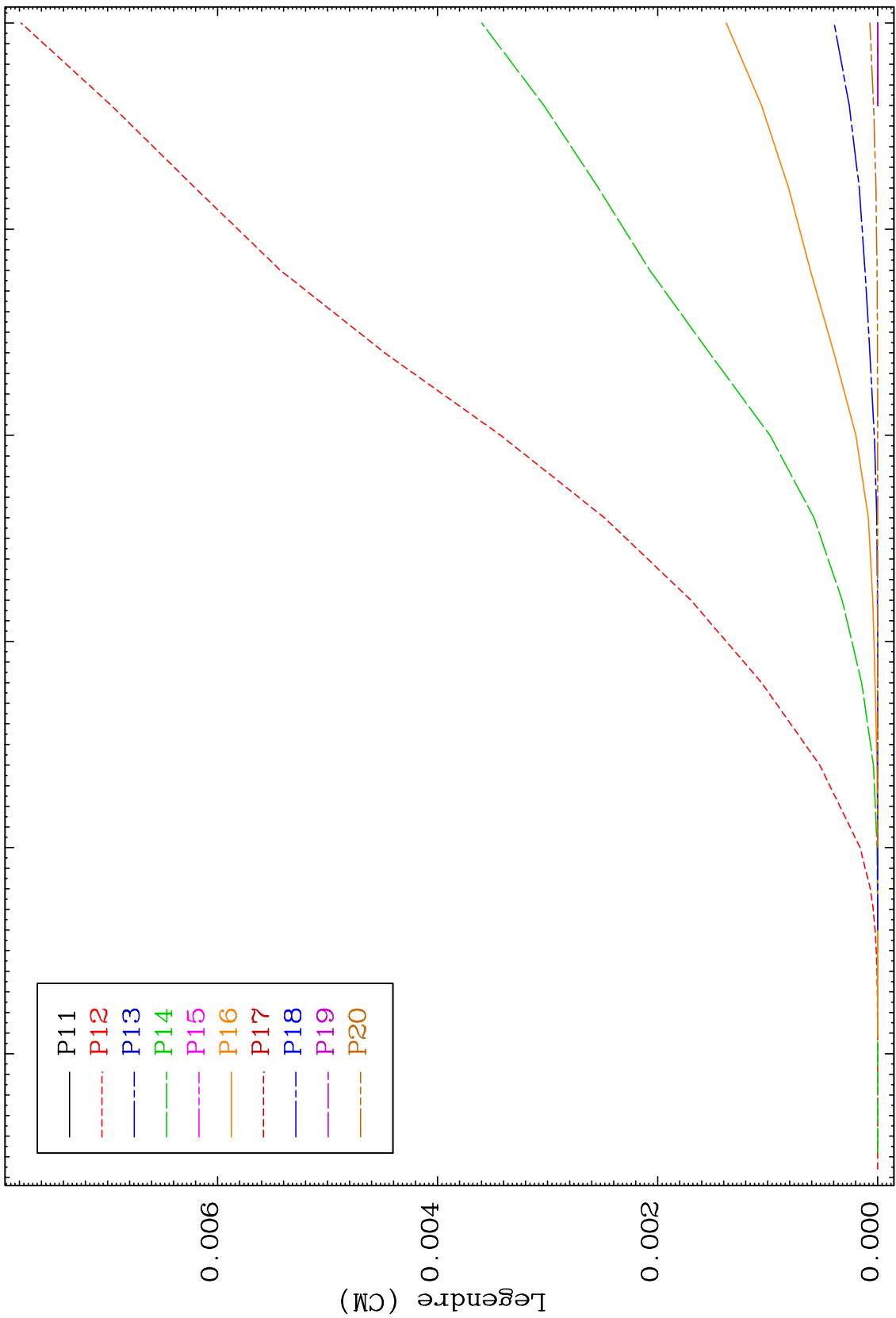




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Elastic Legendre Coefficients

66-Dy-165



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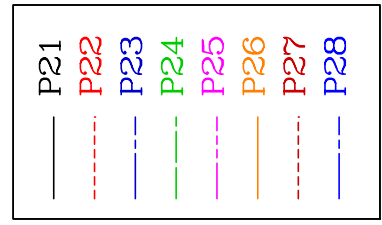
Incident Energy (MeV)

66-Dy-165

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Elastic Legendre Coefficients

66-Dy-165



$\times 10^{-6}$

Legendre (CM)



18

Incident Energy (MeV)

66-Dy-165

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66-Dy-165

Inelastic  
Radionuclide Production Cross Section

