

Program EVALPLOT  
(Version 2015-2)

by

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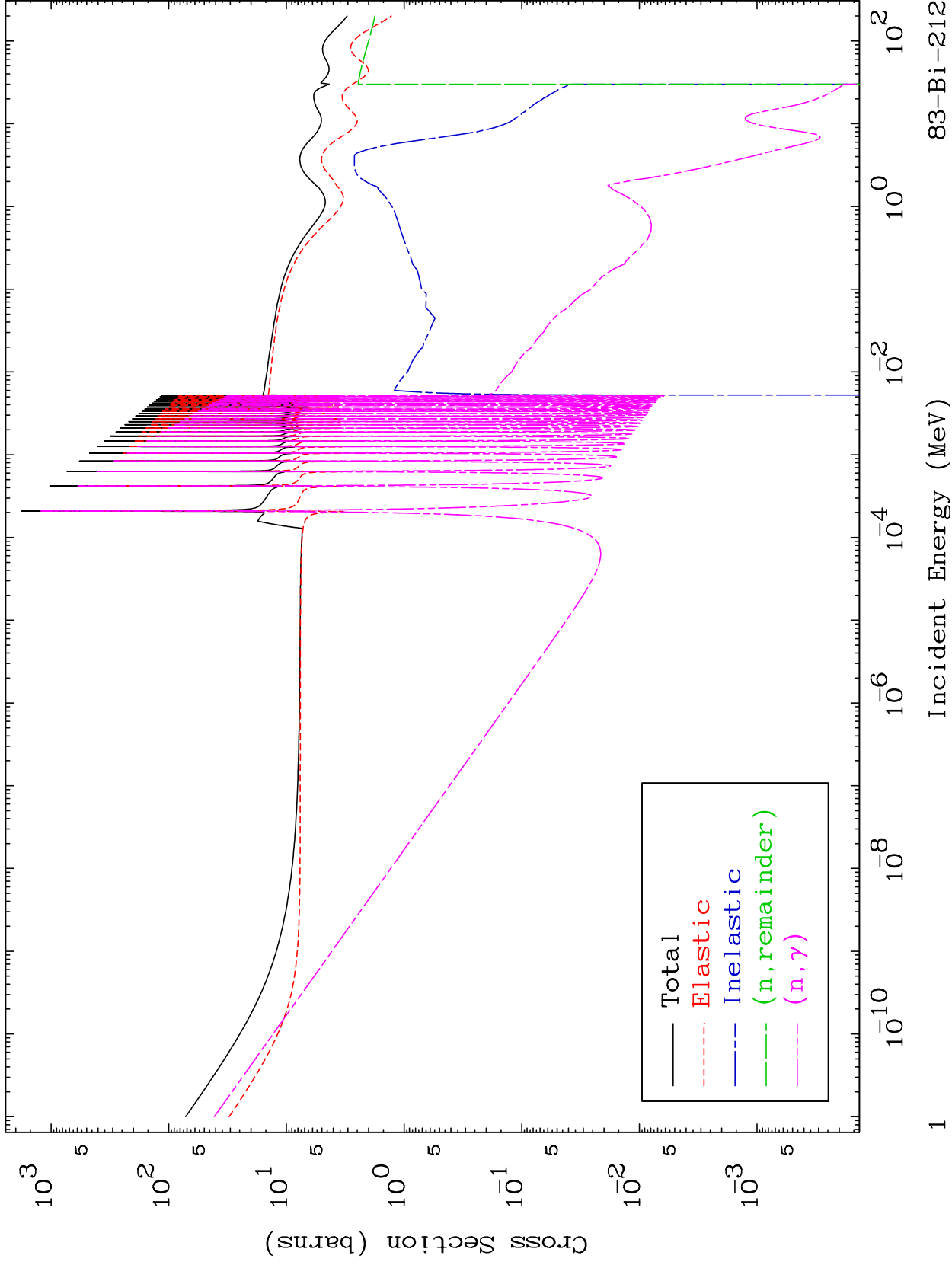
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8335

Major  
293 Kelvin Cross Sections

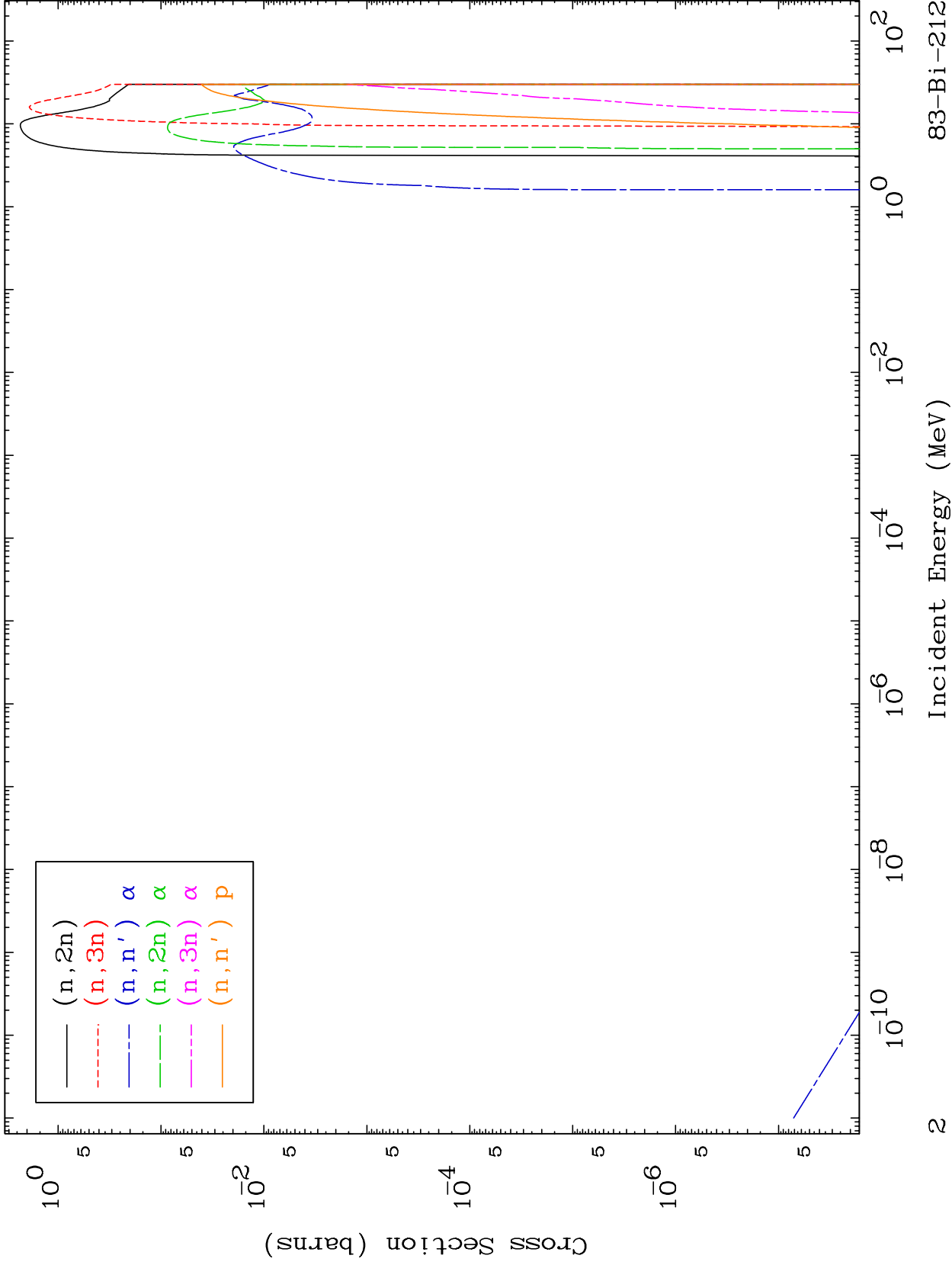
83-Bi-212

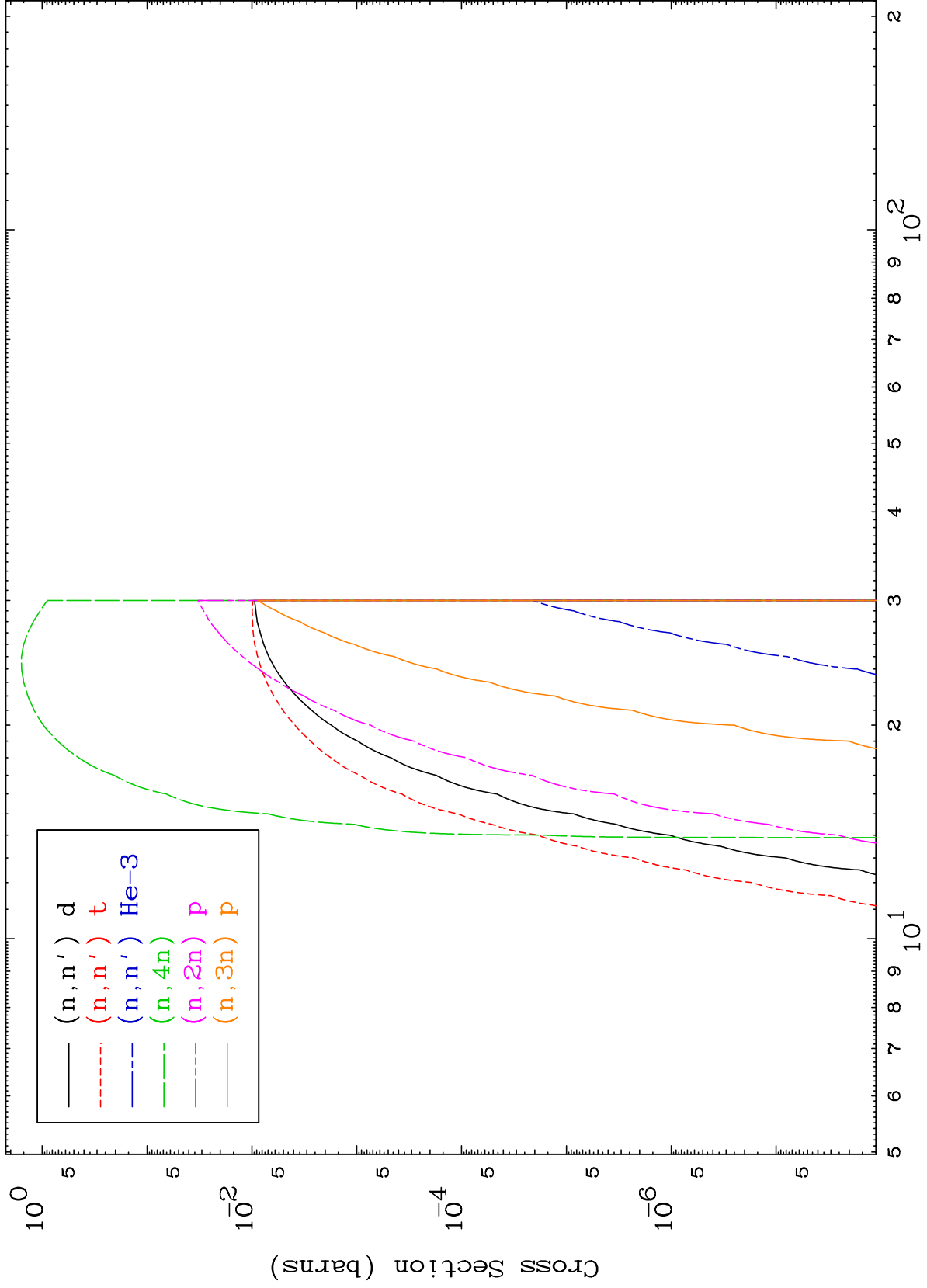


MAT 8335

Neutron Production  
293 Kelvin Cross Sections

83-Bi-212

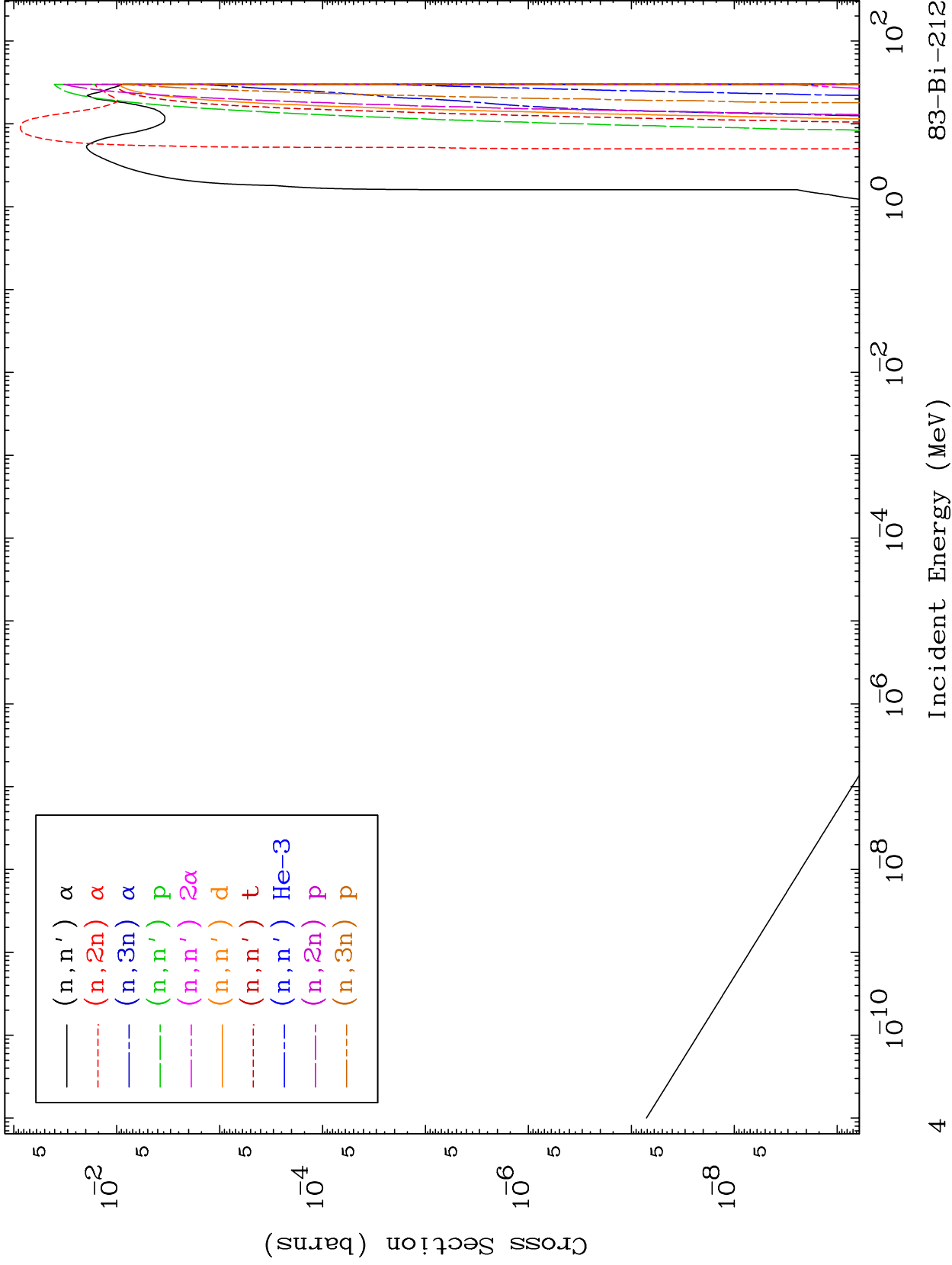




MAT 8335

Charged Particle  
293 Kelvin Cross Sections

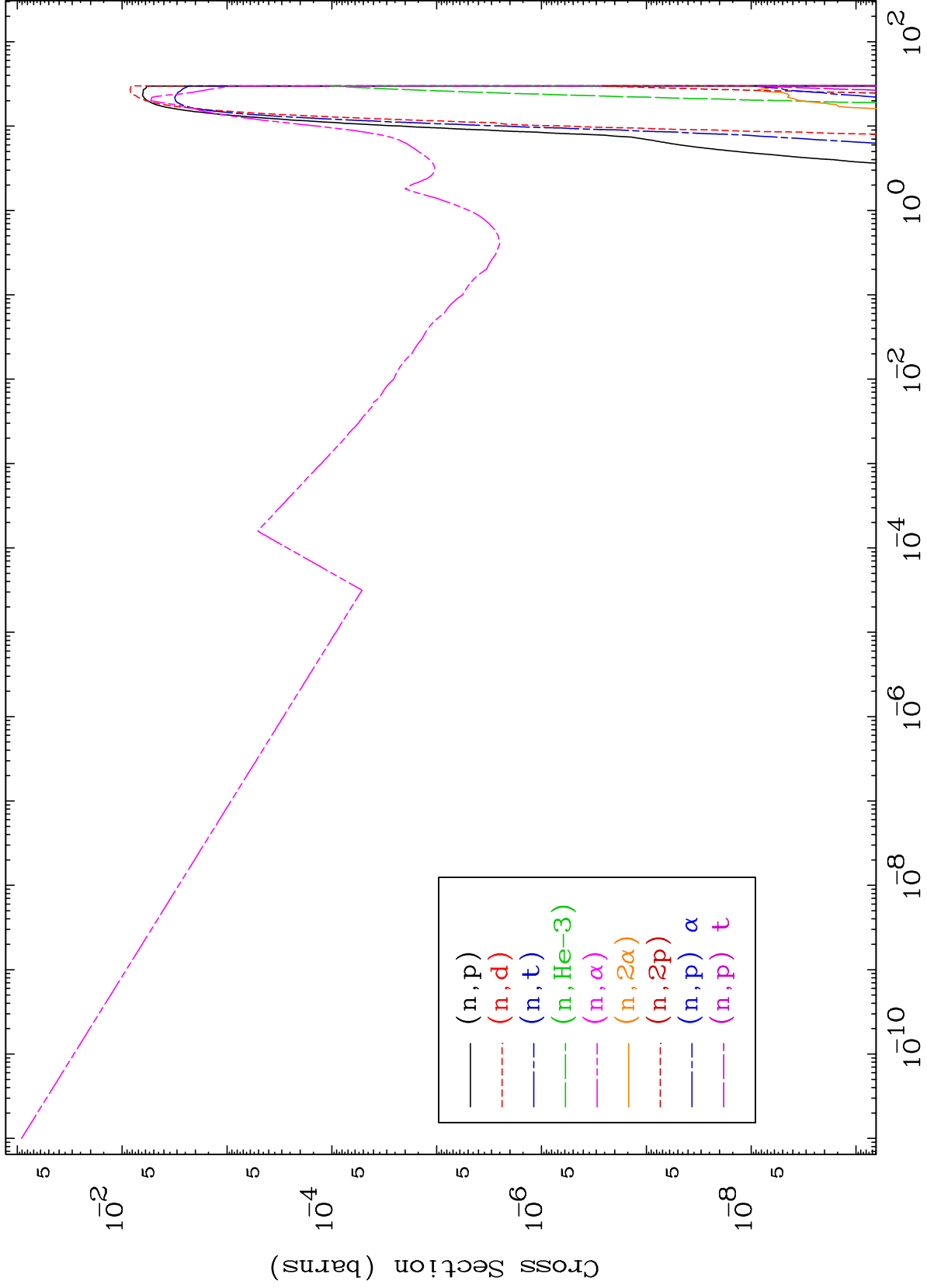
83-Bi-212

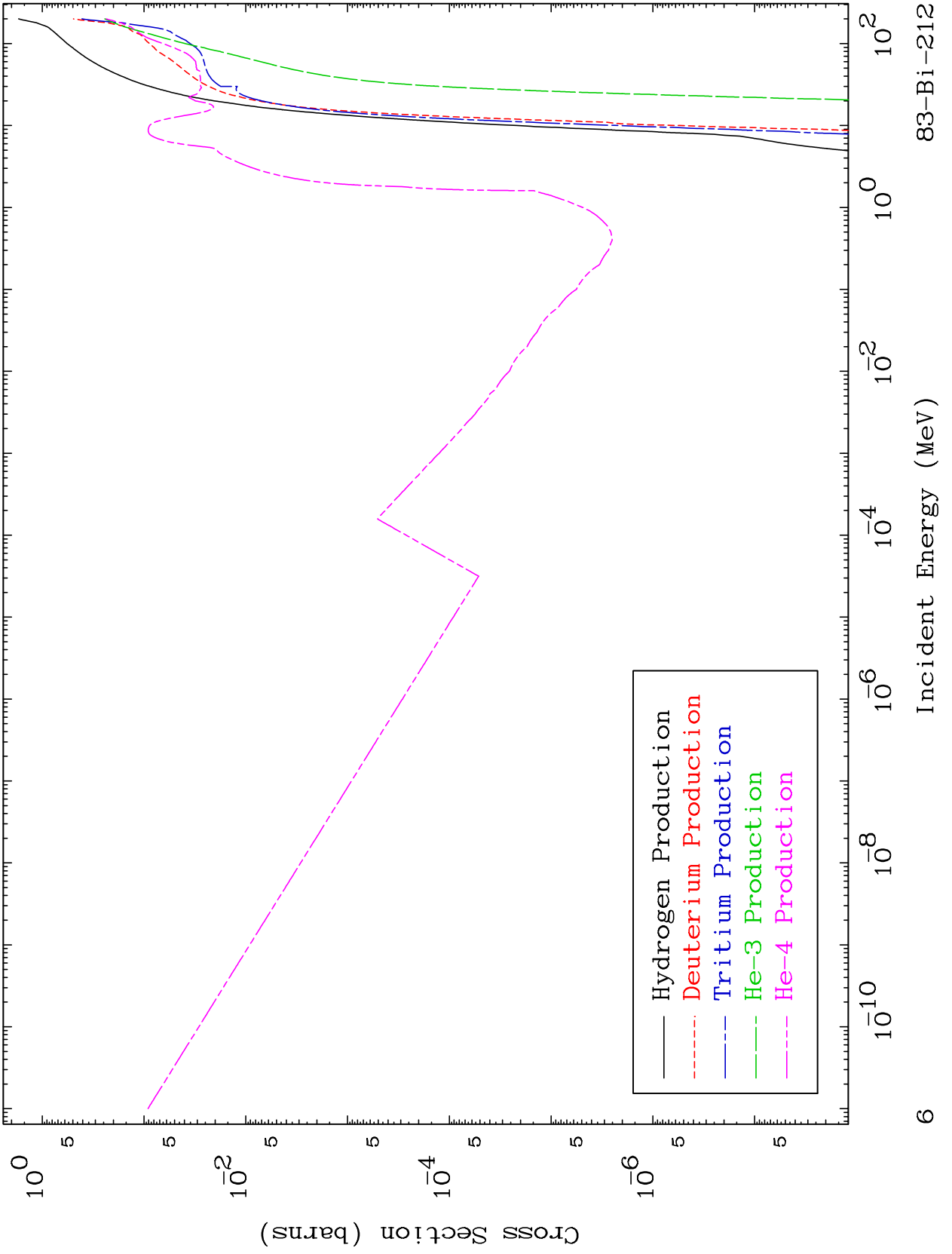


MAT 8335

Charged Particle  
293 Kelvin Cross Sections

83-Bi-212

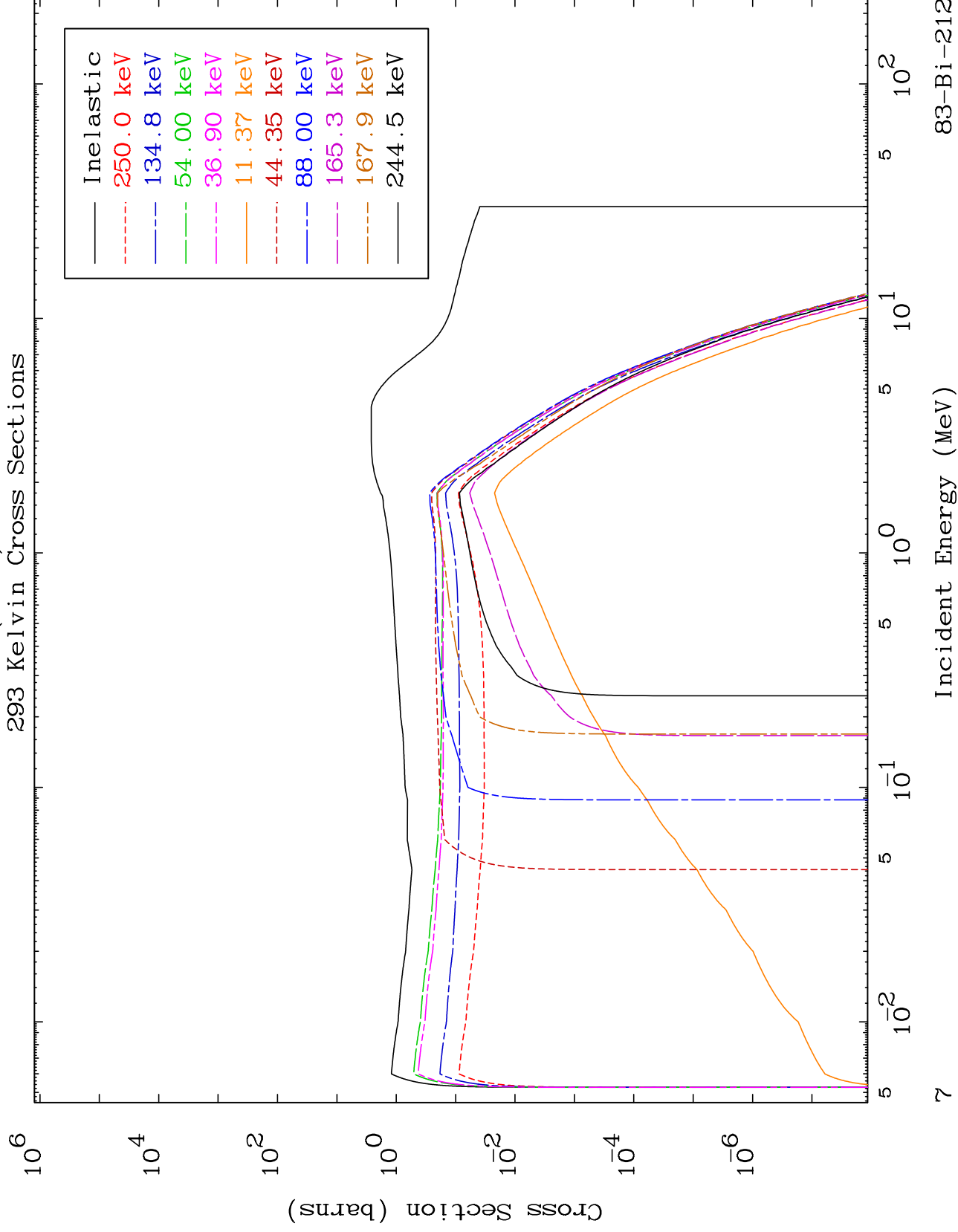




MAT 8335

(n,n') Level  
293 Kelvin Cross Sections

83-Bi-212



83-Bi-212

Incident Energy (MeV)

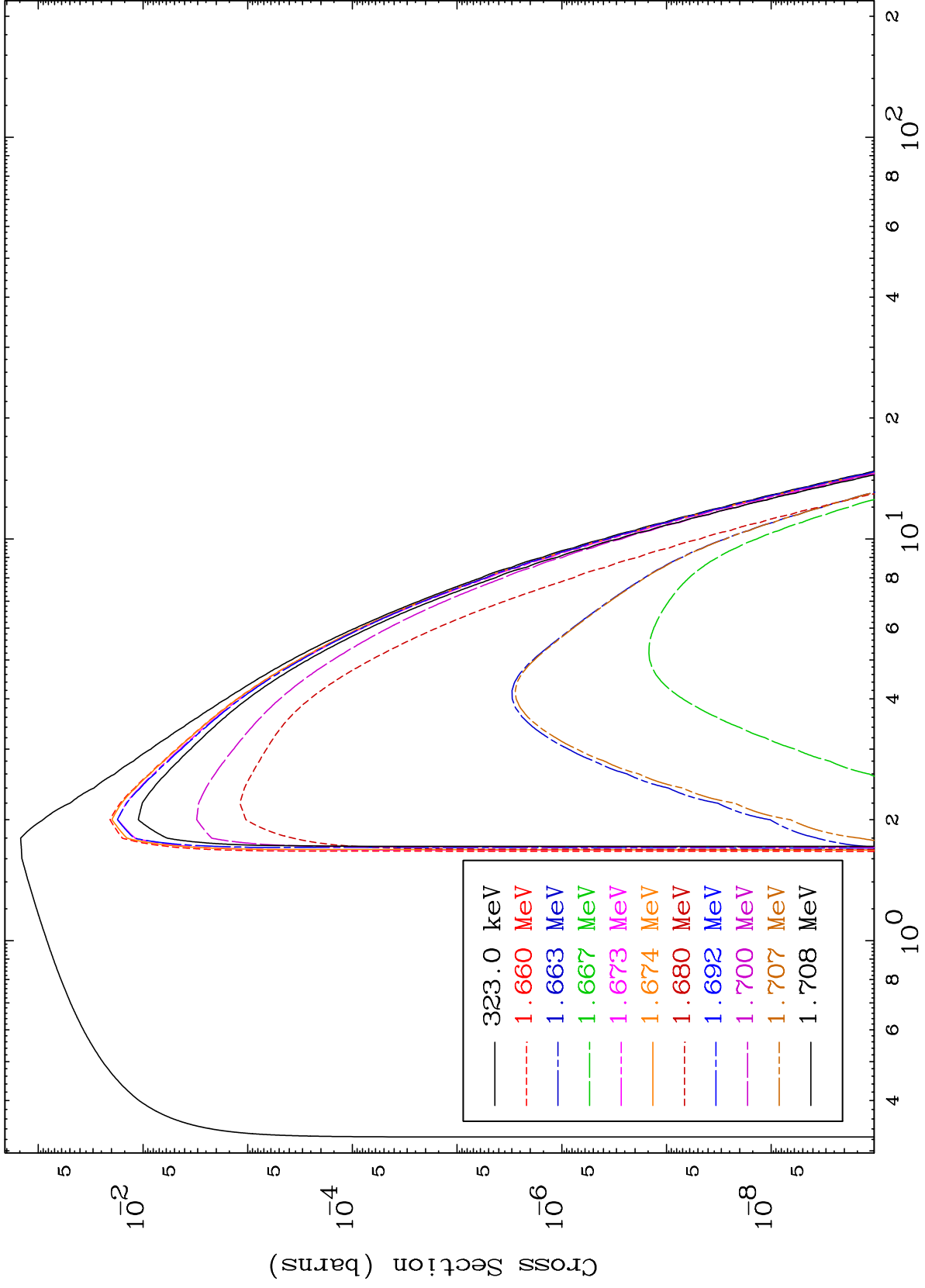
7



MAT 8335

(n,n') Level  
293 Kelvin Cross Sections

83-Bi-212

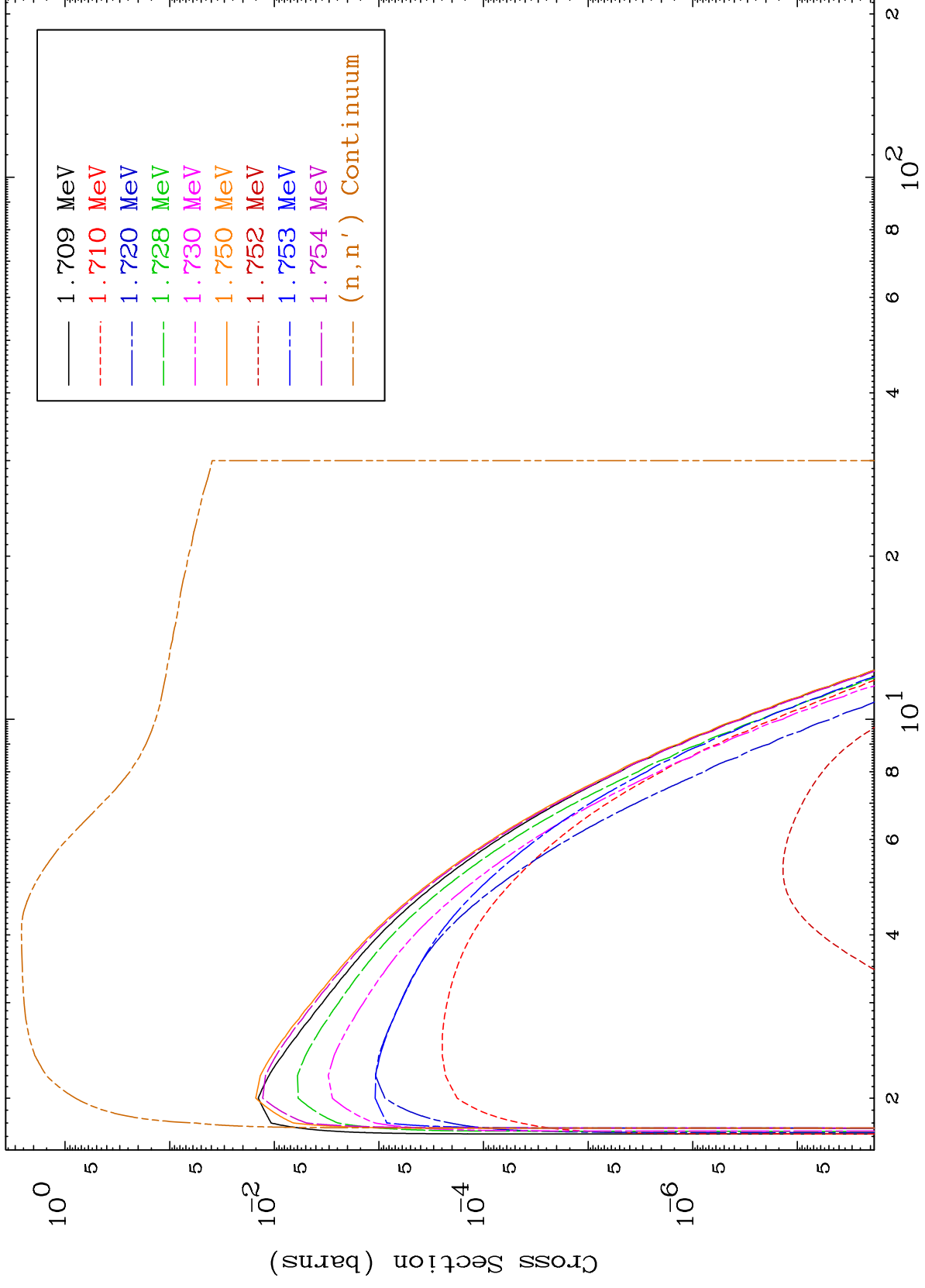


MAT 8335

(n,n') Level

83-Bi-212

293 Kelvin Cross Sections



9

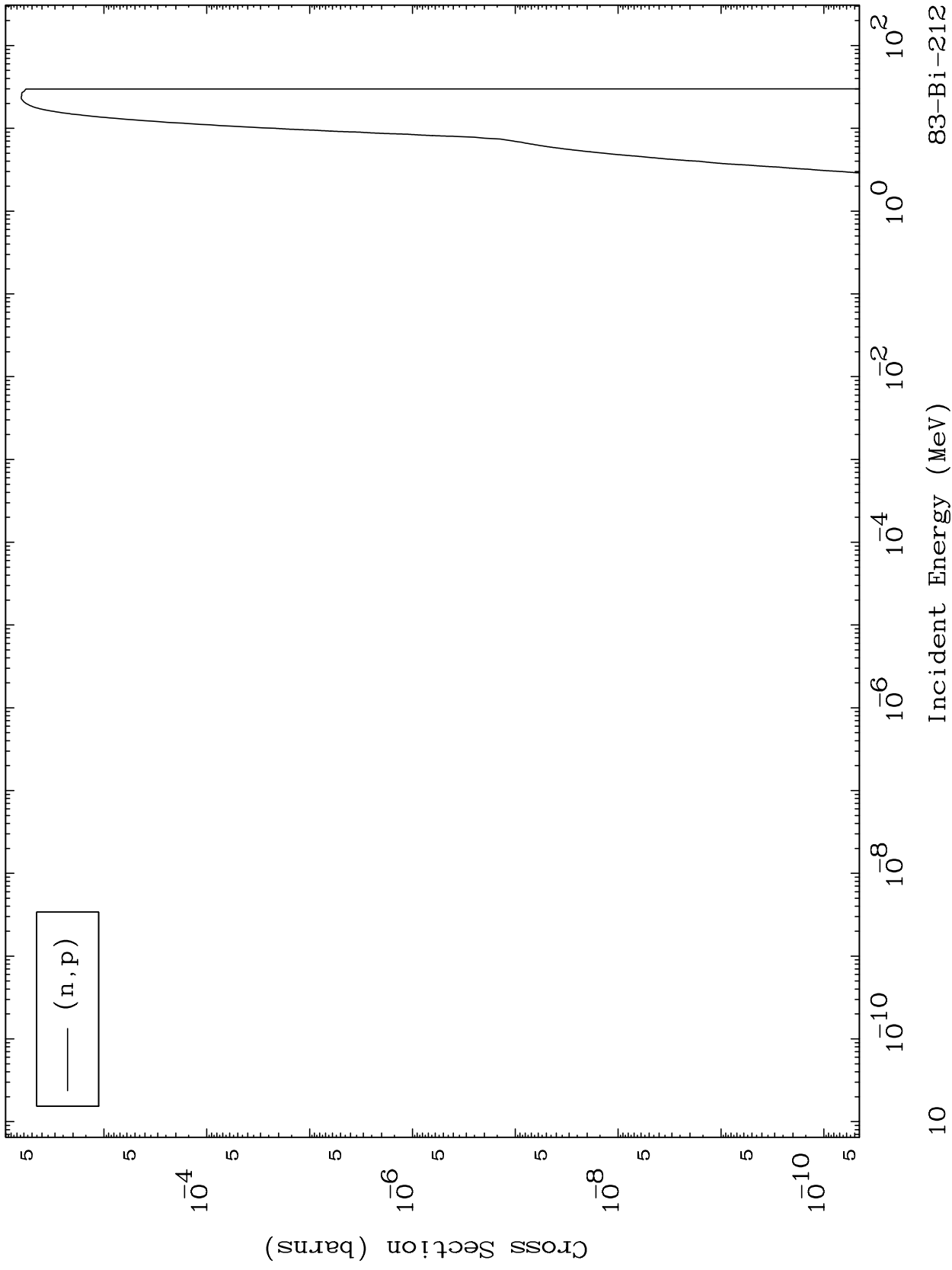
Incident Energy (MeV)

83-Bi-212

MAT 8335

(n,p) Levels  
293 Kelvin Cross Sections

83-Bi-212



10

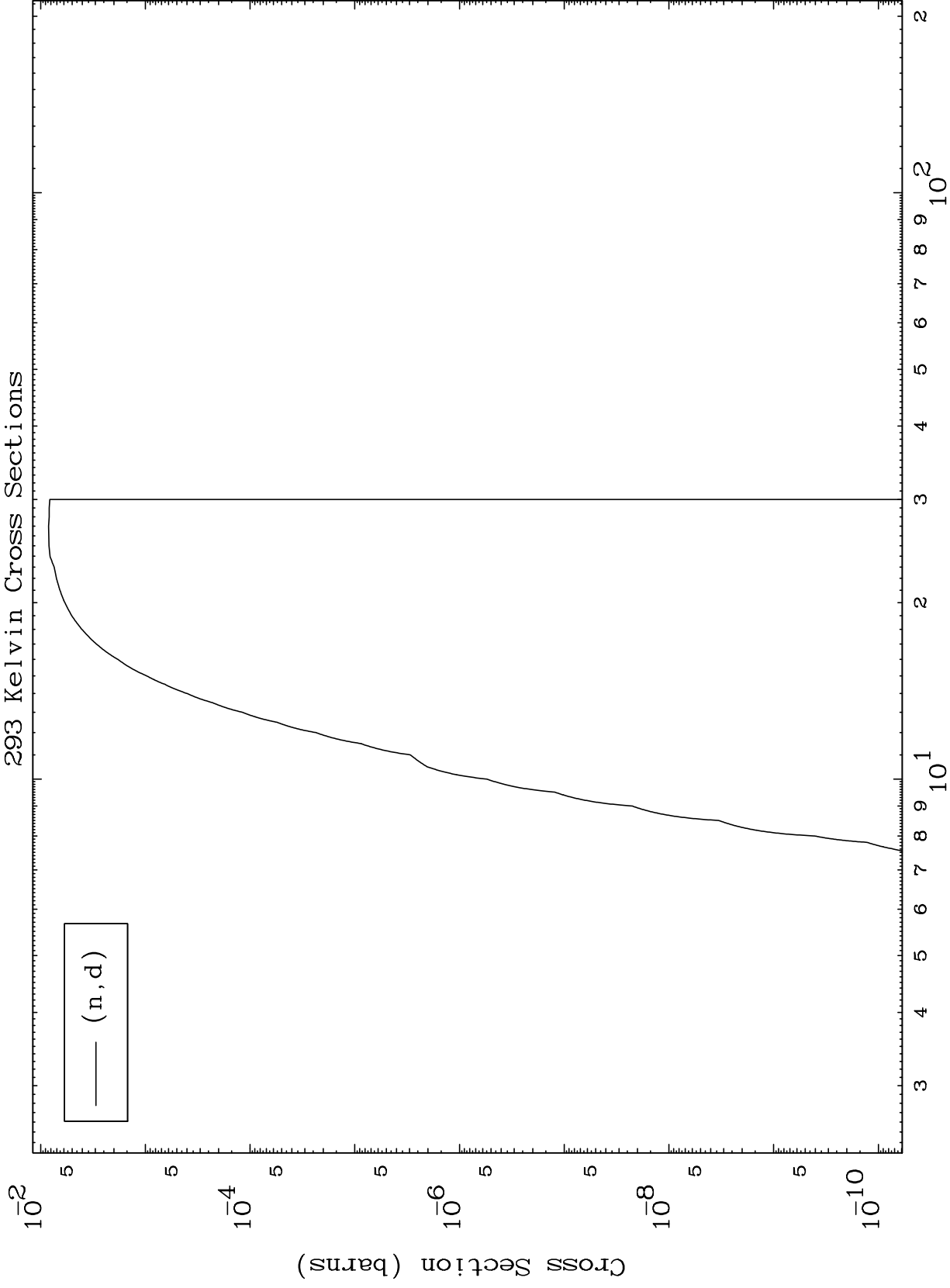
Incident Energy (MeV)

83-Bi-212

MAT 8335

(n,d) Levels  
293 Kelvin Cross Sections

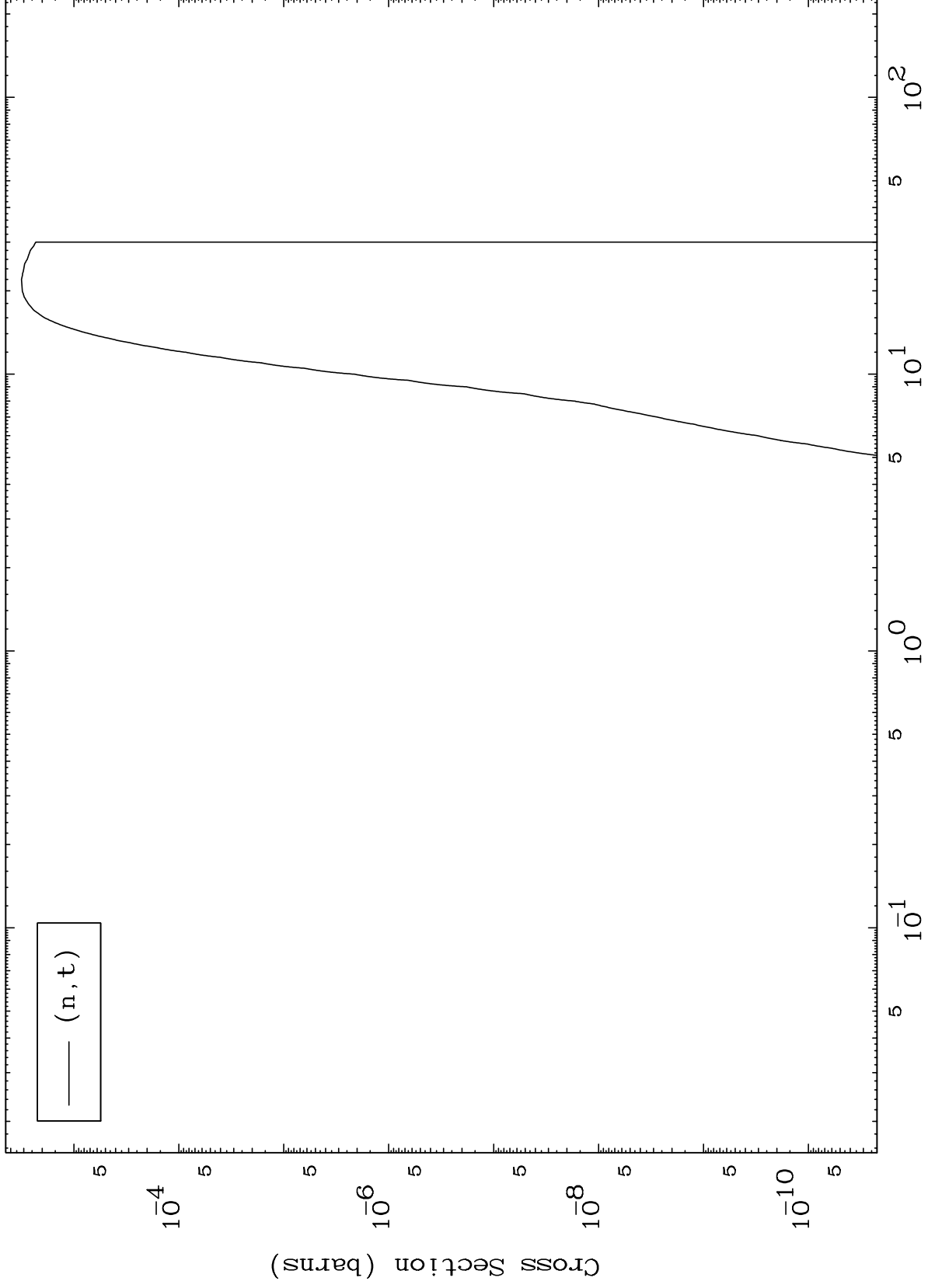
83-Bi-212



MAT 8335

(n,t) Levels  
293 Kelvin Cross Sections

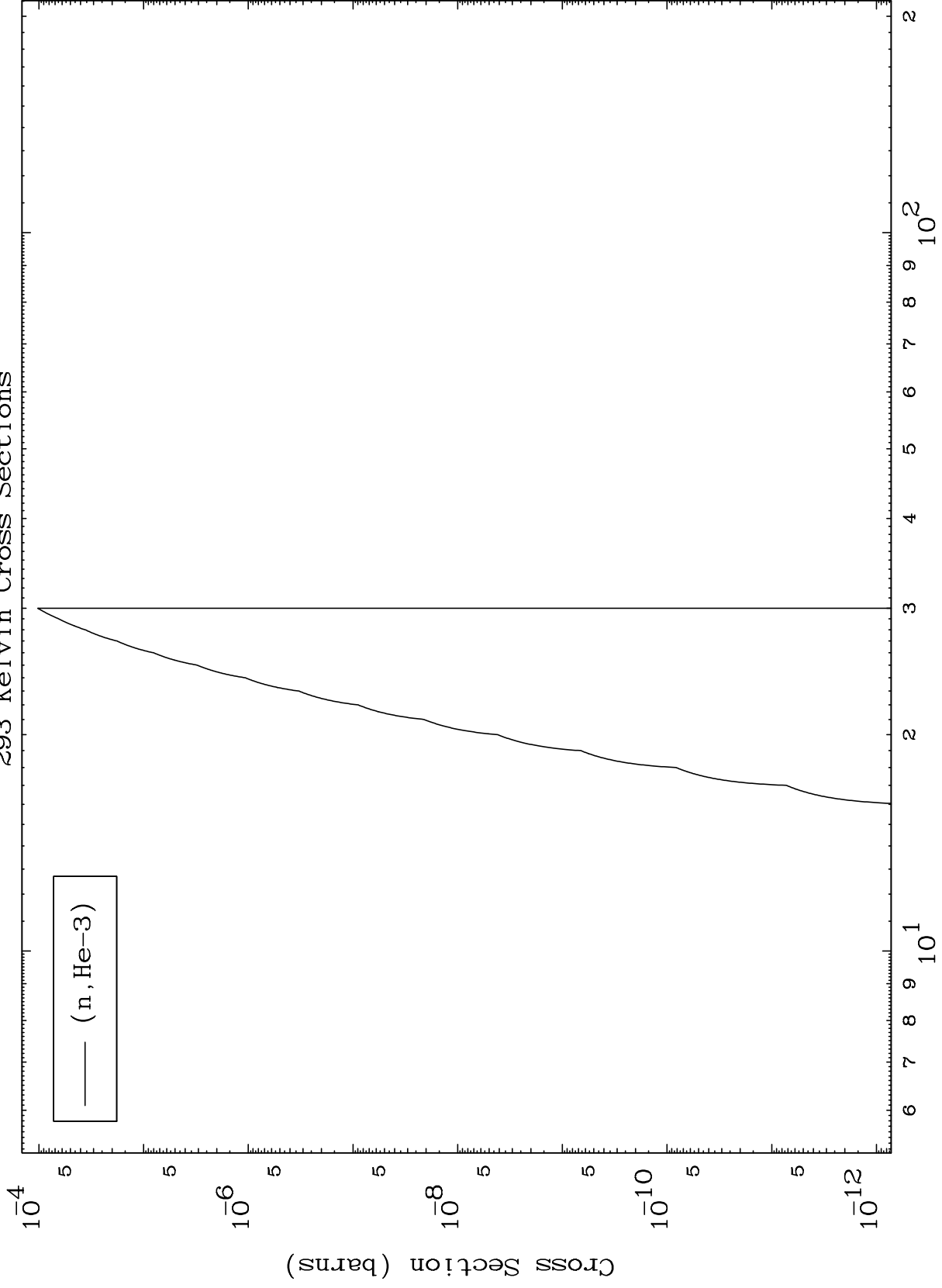
83-Bi-212



MAT 8335

(n,He3) Levels  
293 Kelvin Cross Sections

83-Bi-212



13

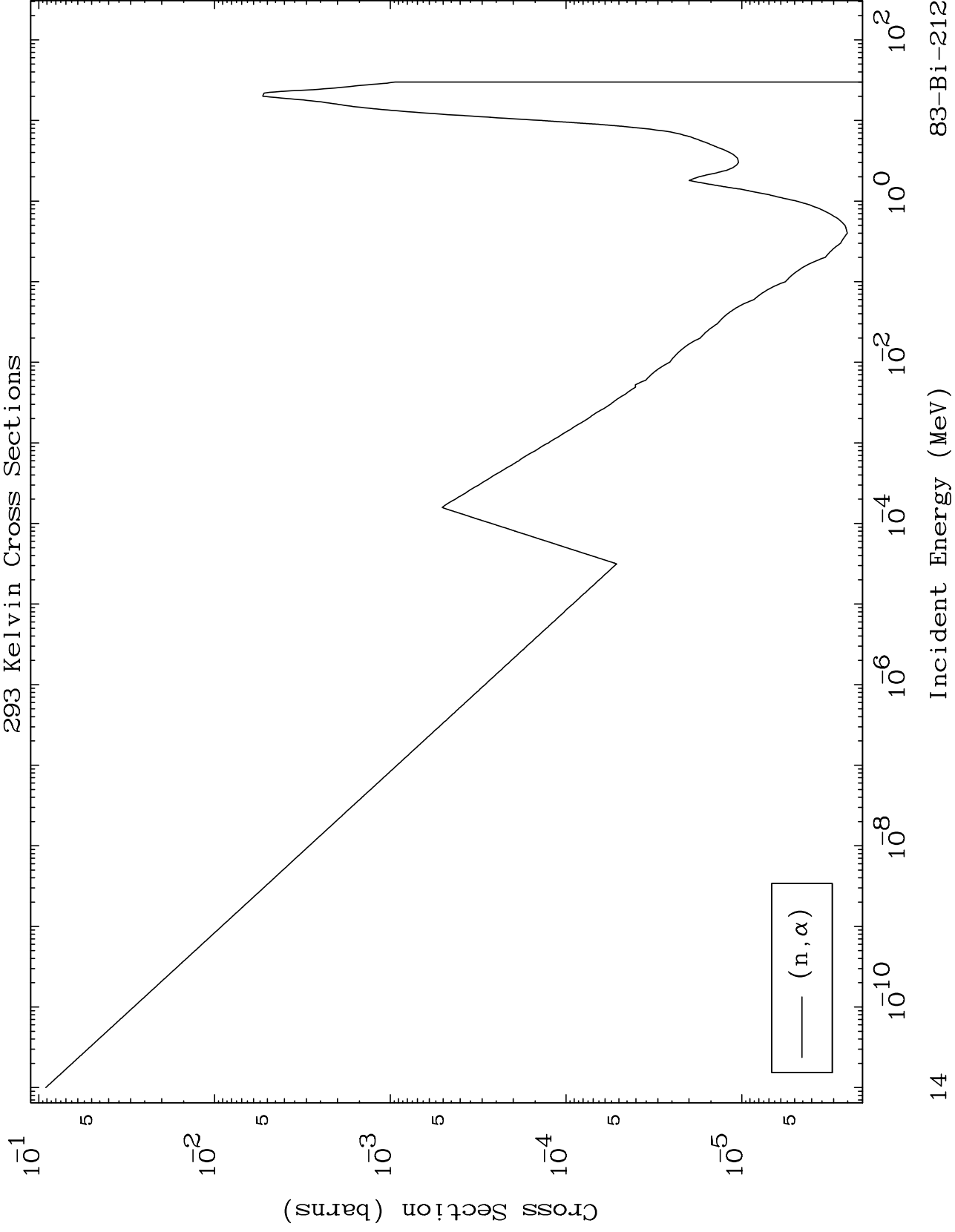
Incident Energy (MeV)

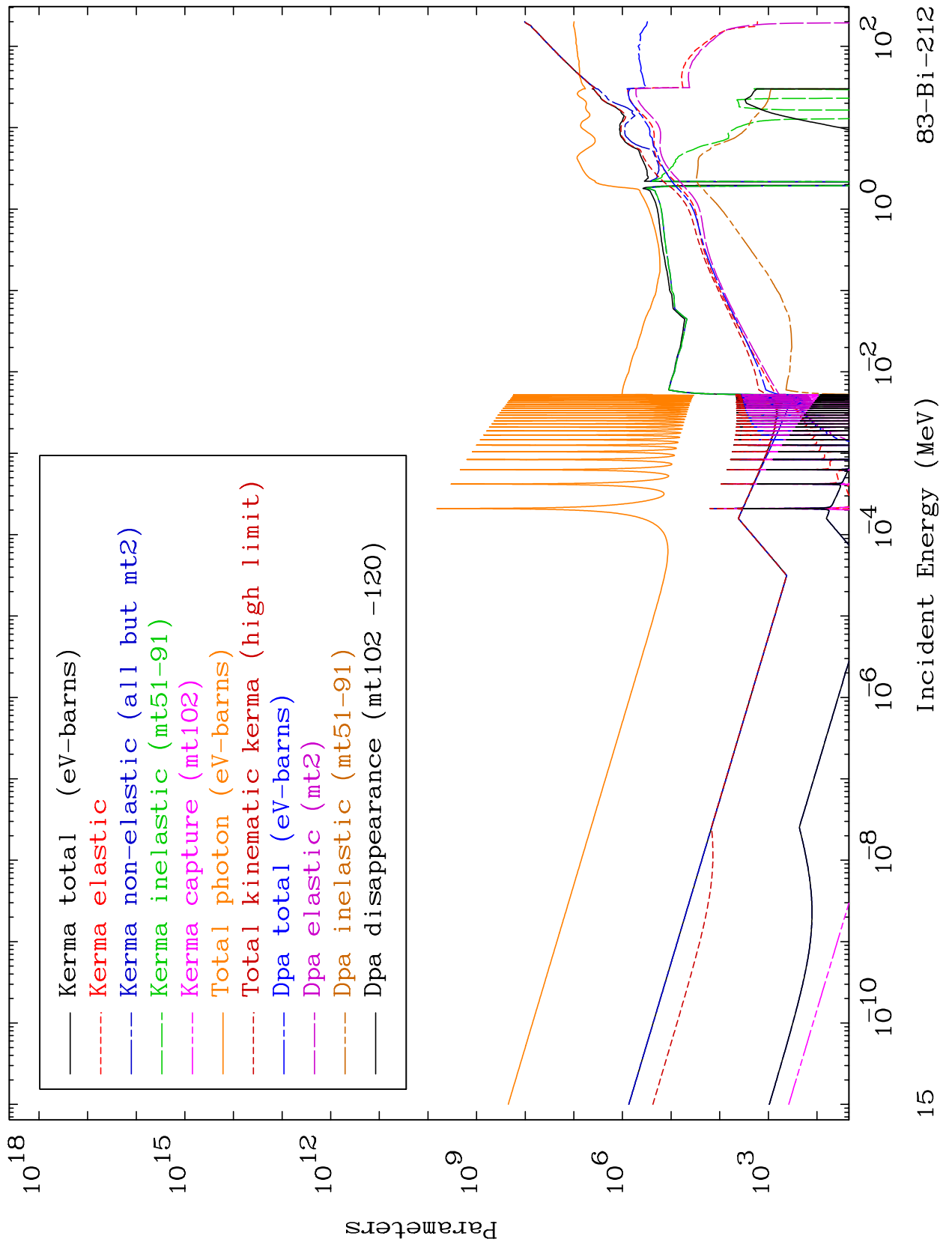
83-Bi-212

MAT 8335

(n,α) Levels  
293 Kelvin Cross Sections

83-Bi-212



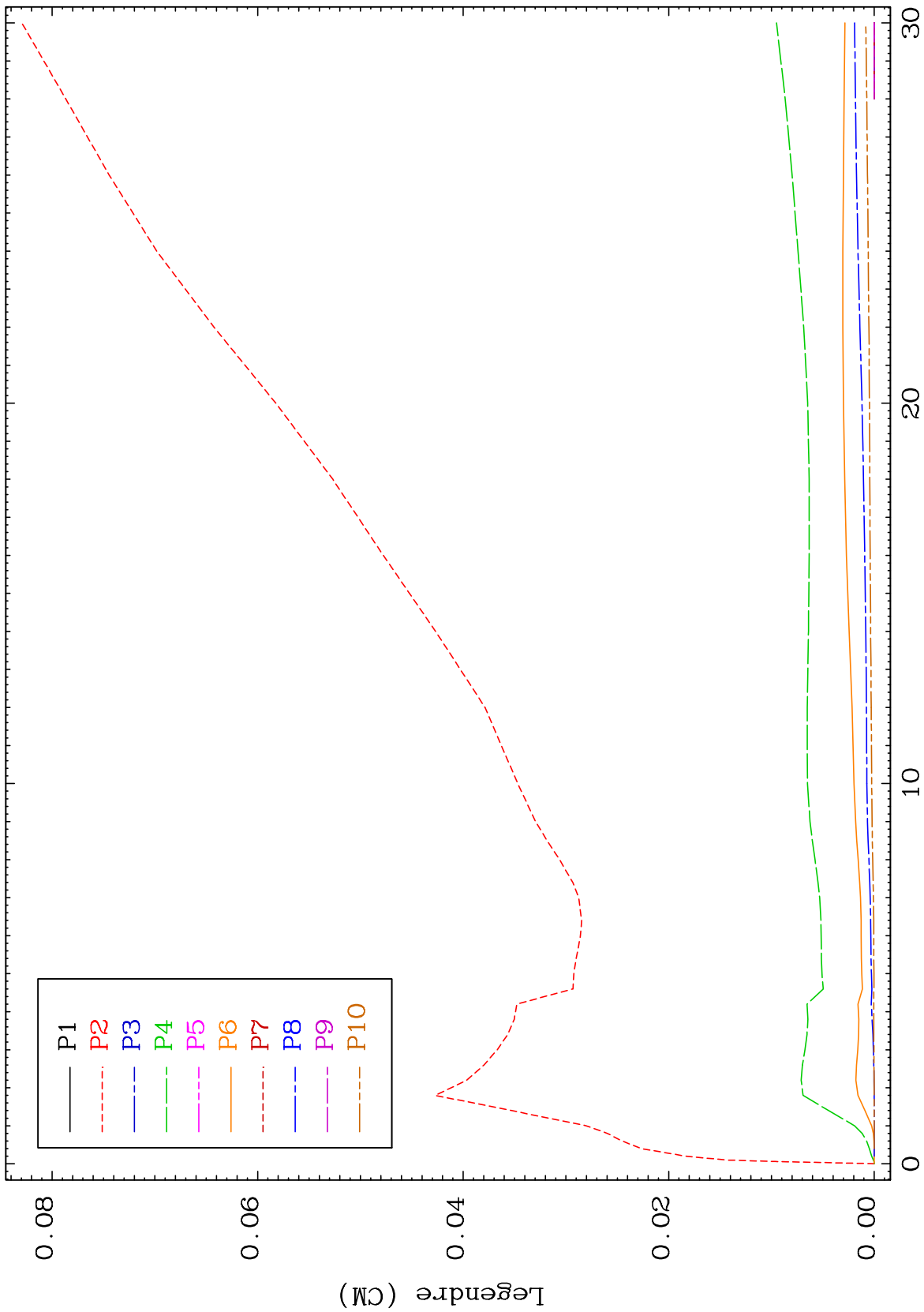




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Elastic Legendre Coefficients

83-Bi-212



16

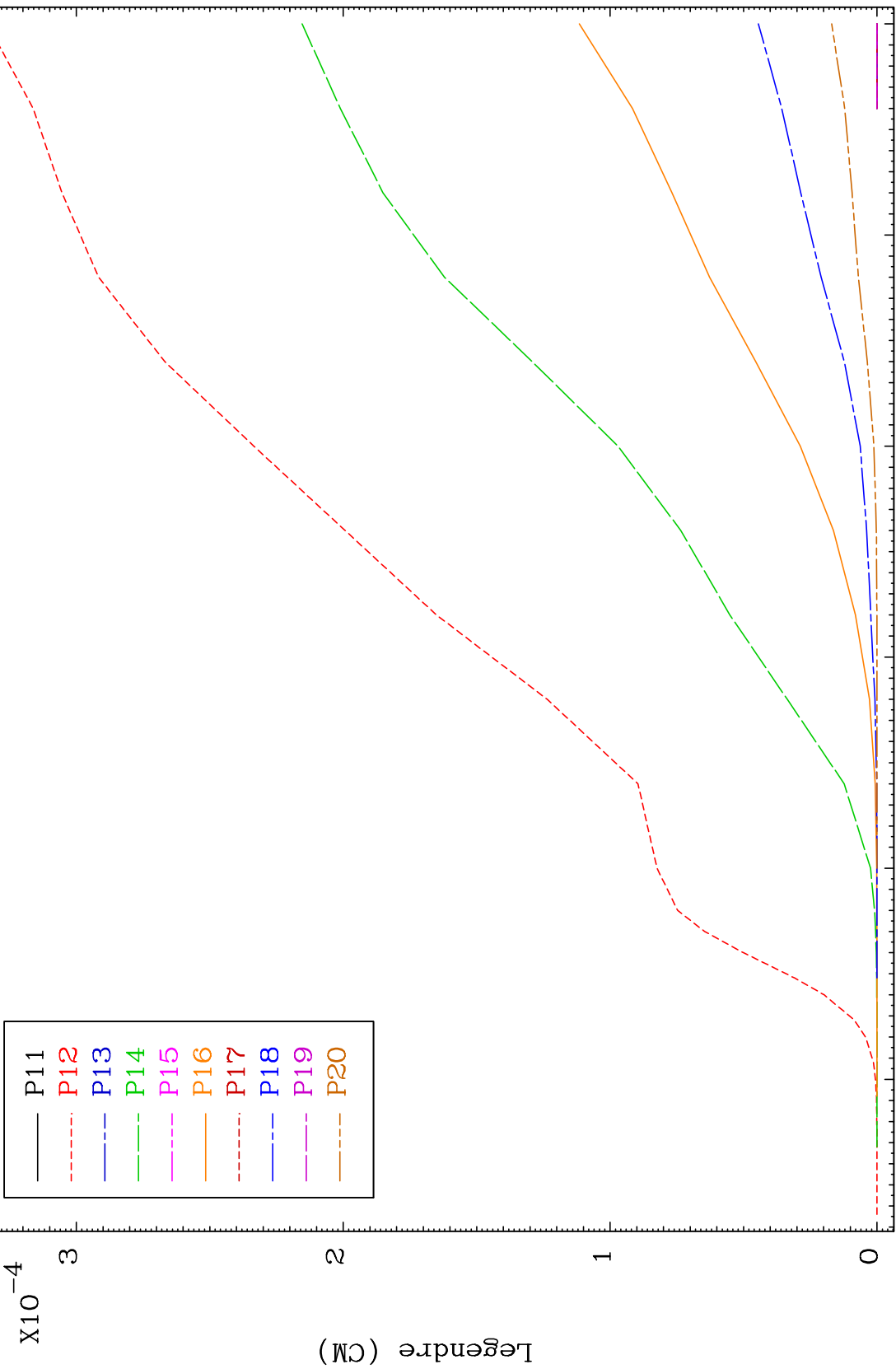
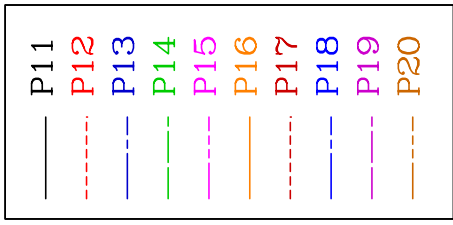
Incident Energy (MeV)

83-Bi-212

MAT 8335

Elastic Legendre Coefficients

83-Bi-212



17

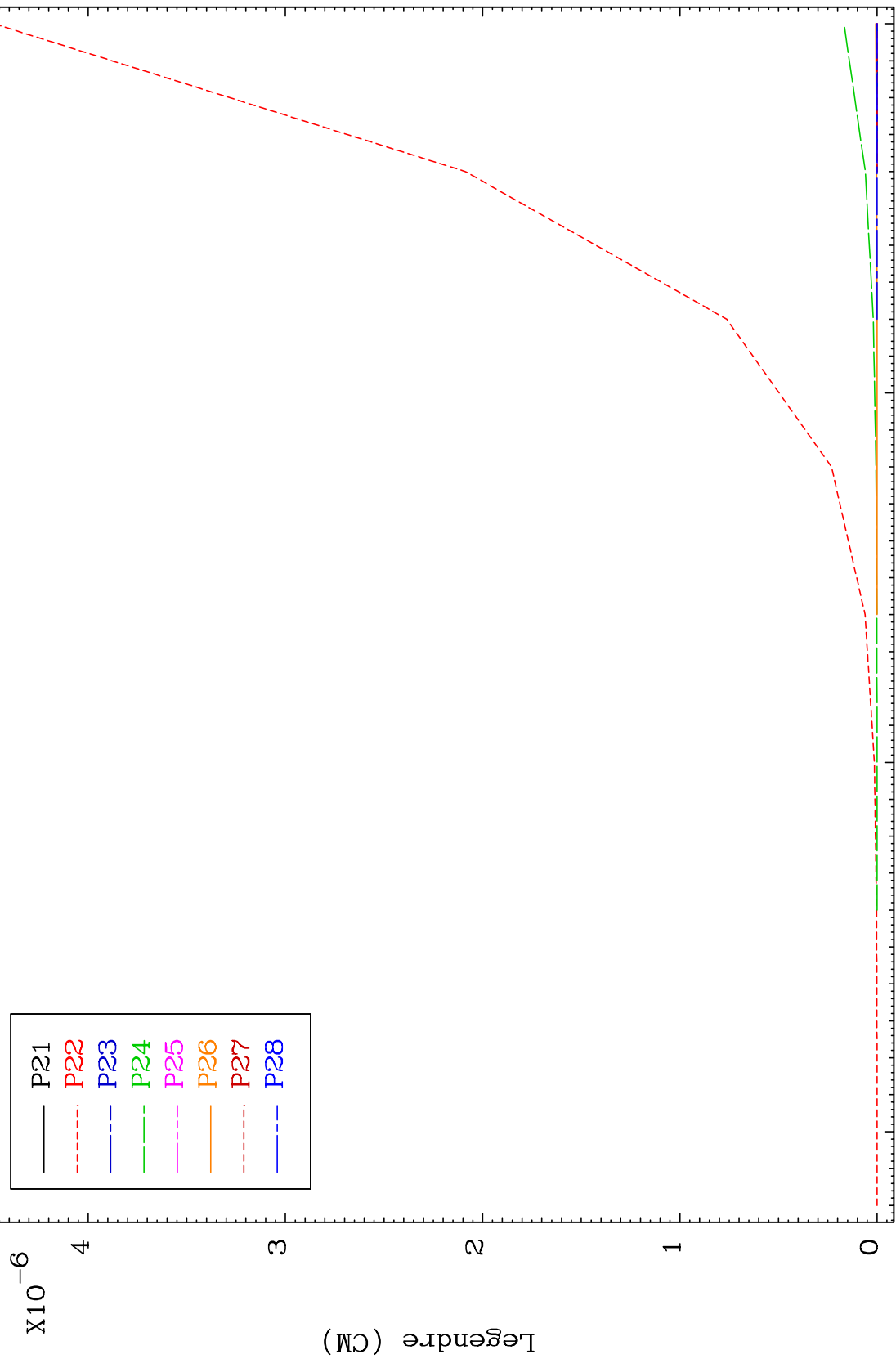
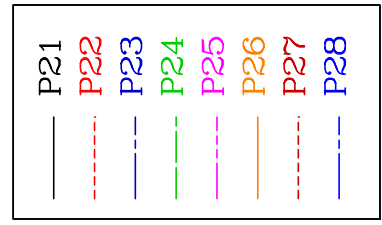
Incident Energy (MeV)

83-Bi-212

MAT 8335

Elastic Legendre Coefficients

83-Bi-212



18

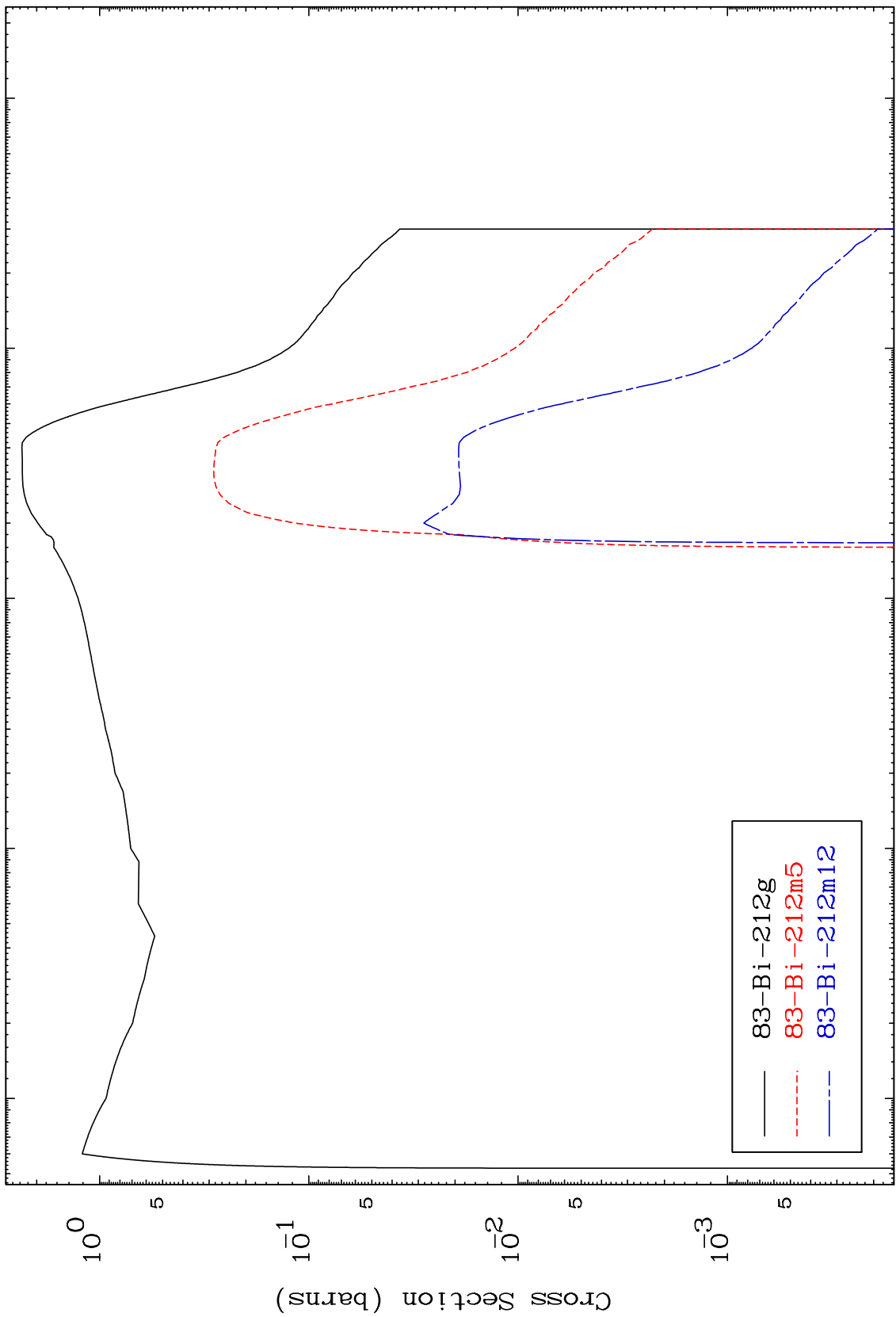
Incident Energy (MeV)

83-Bi-212

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83-Bi-212

Inelastic  
Radionuclide Production Cross Section



83-Bi-212g  
83-Bi-212m5  
83-Bi-212m12

83-Bi-212

Incident Energy (MeV)

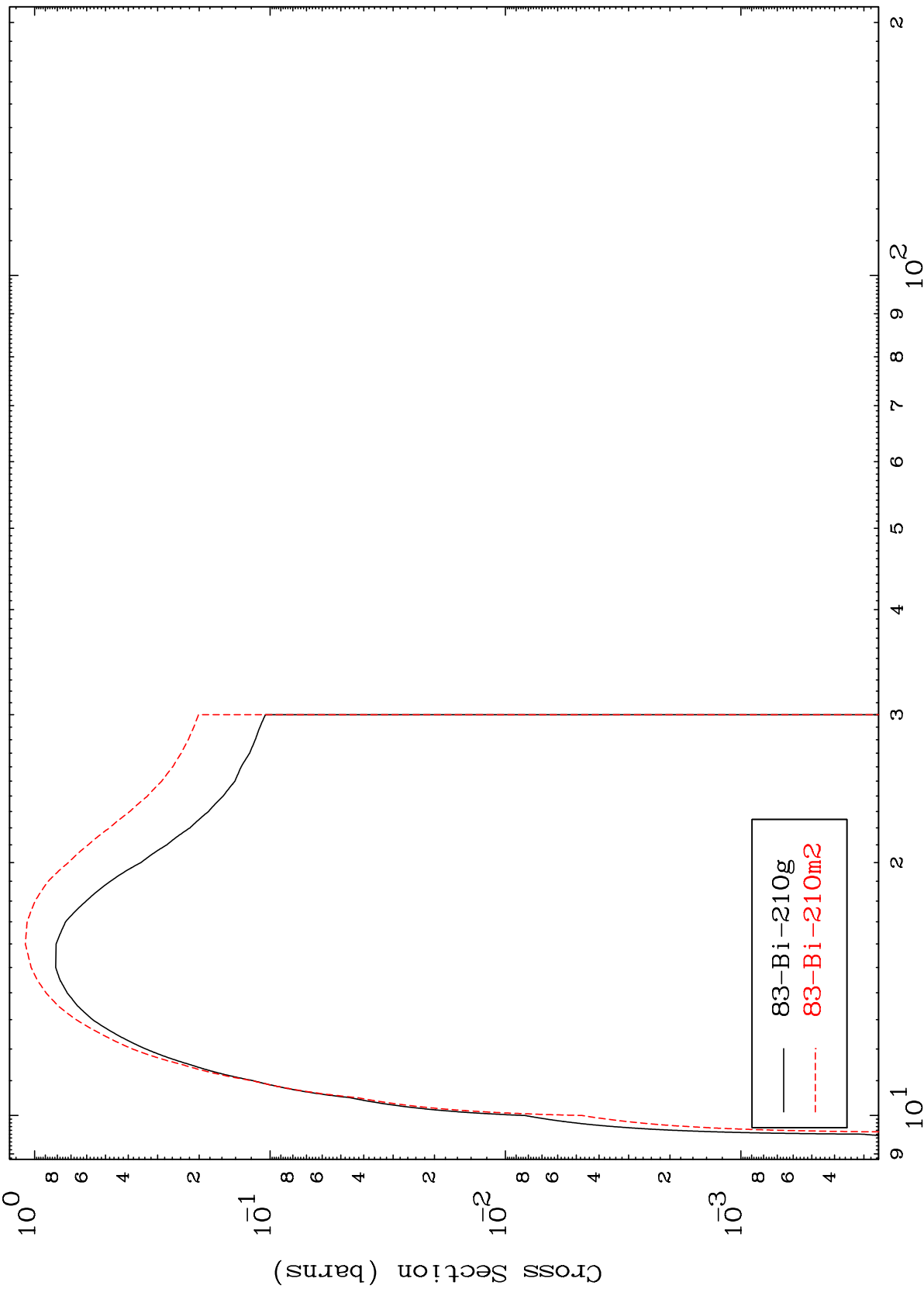
19

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83-Bi-212

(n,3n)

Radionuclide Production Cross Section



83-Bi-212

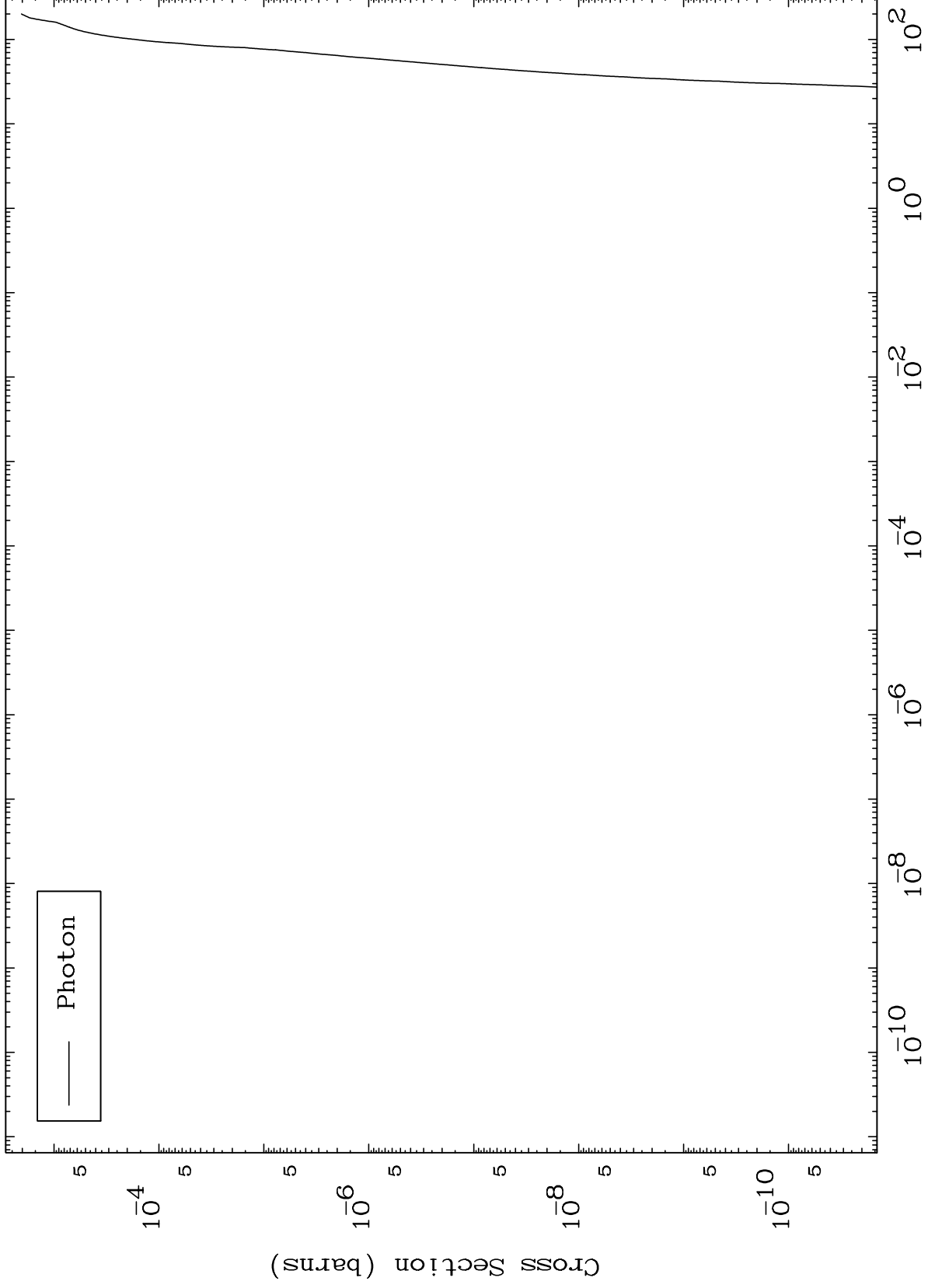
Incident Energy (MeV)

20

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Fission  
Radionuclide Production Cross Section

83-Bi-212



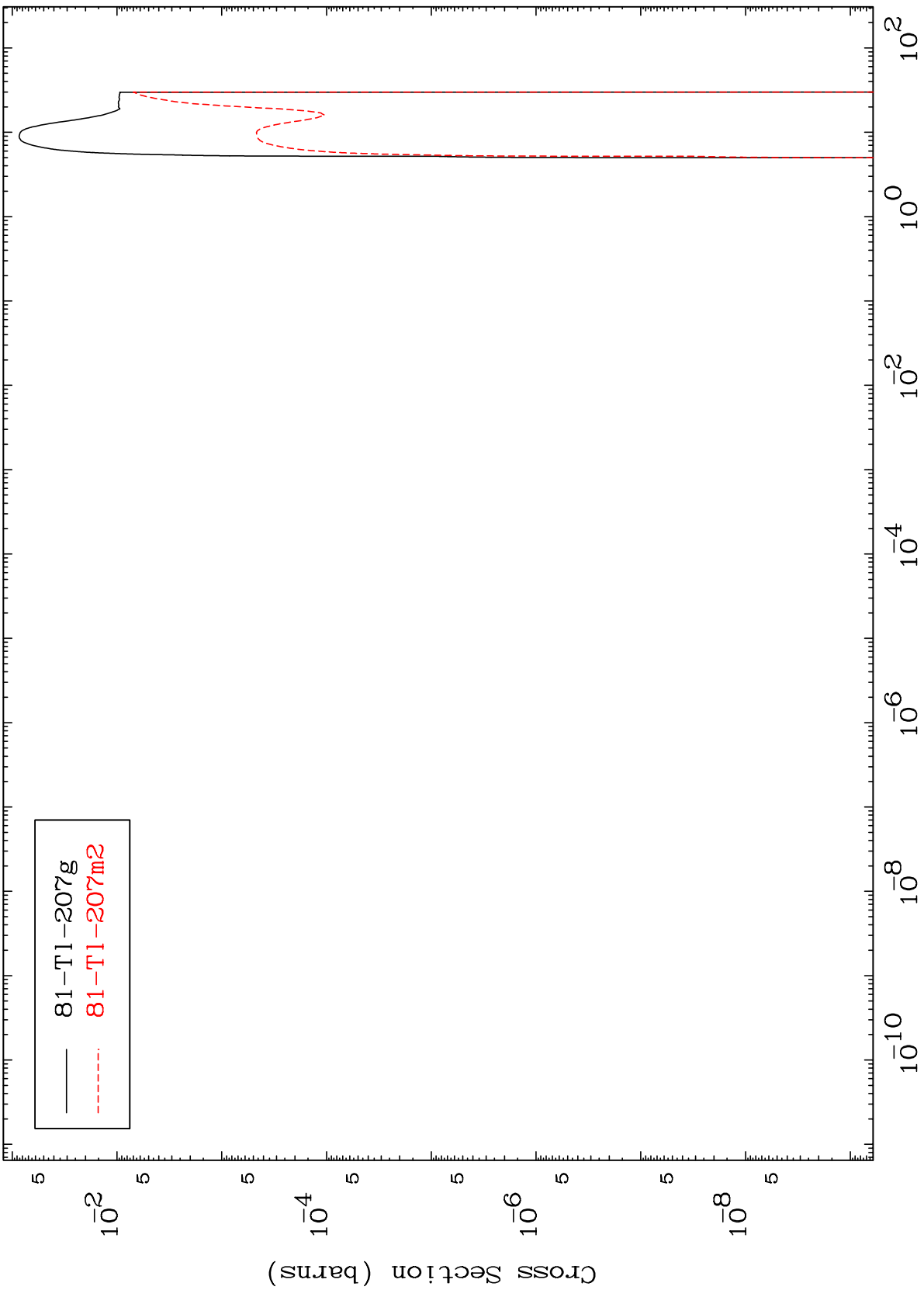
83-Bi-212

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$(n,2n) \alpha$

83-Bi-212

Radionuclide Production Cross Section

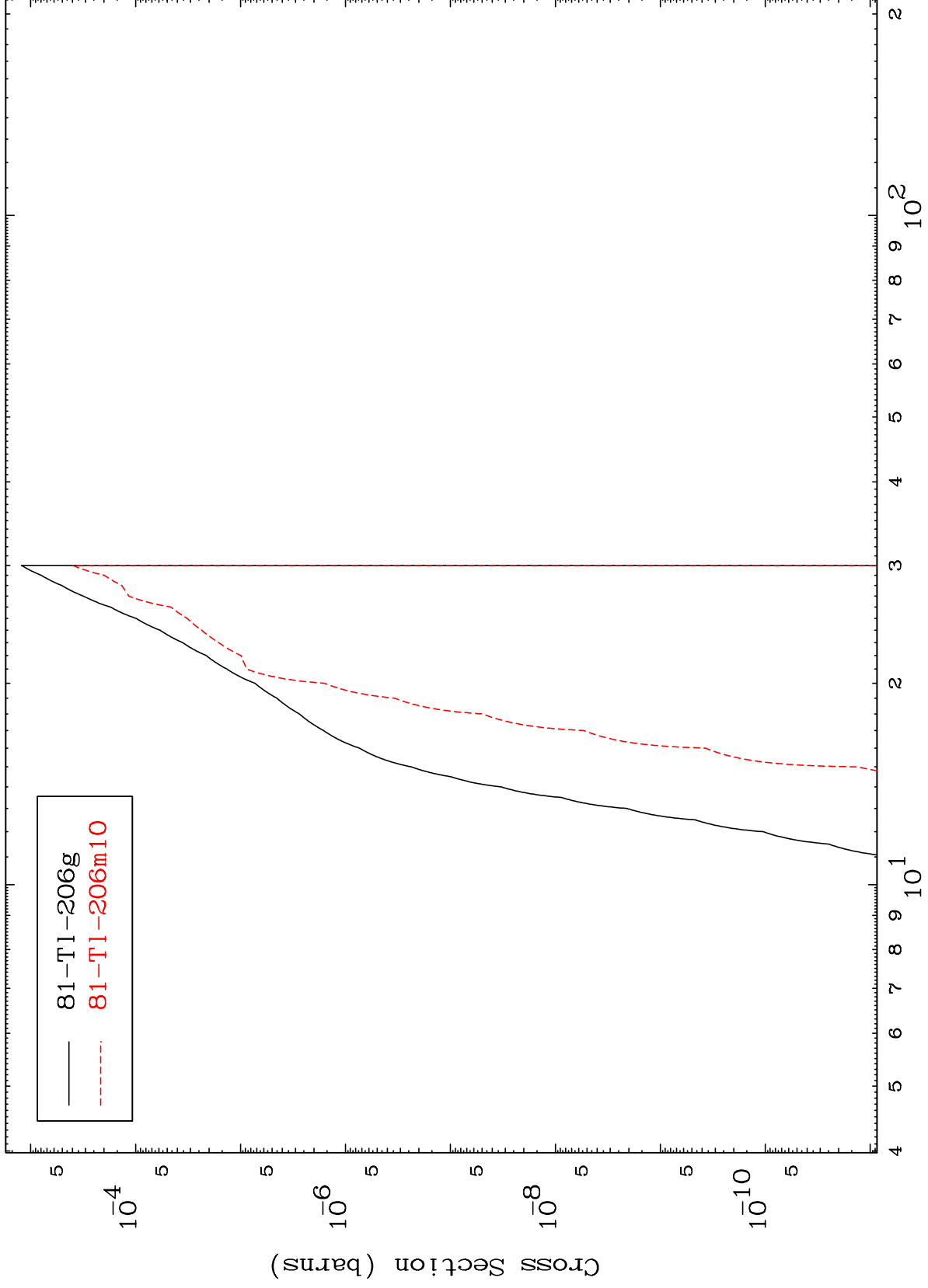


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(n,3n)  $\alpha$

83-Bi-212

Radionuclide Production Cross Section



23

Incident Energy (MeV)

83-Bi-212