

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

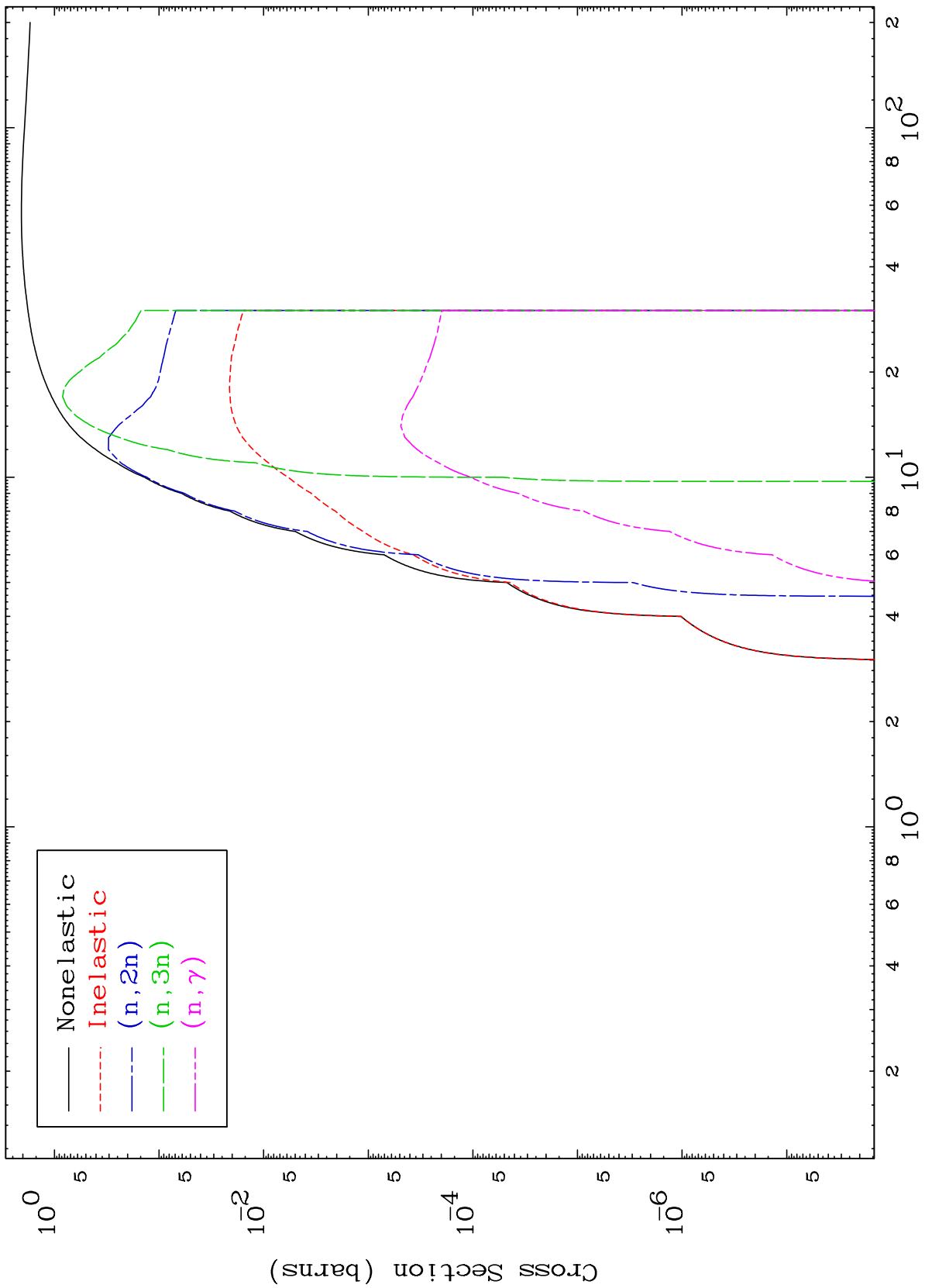
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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

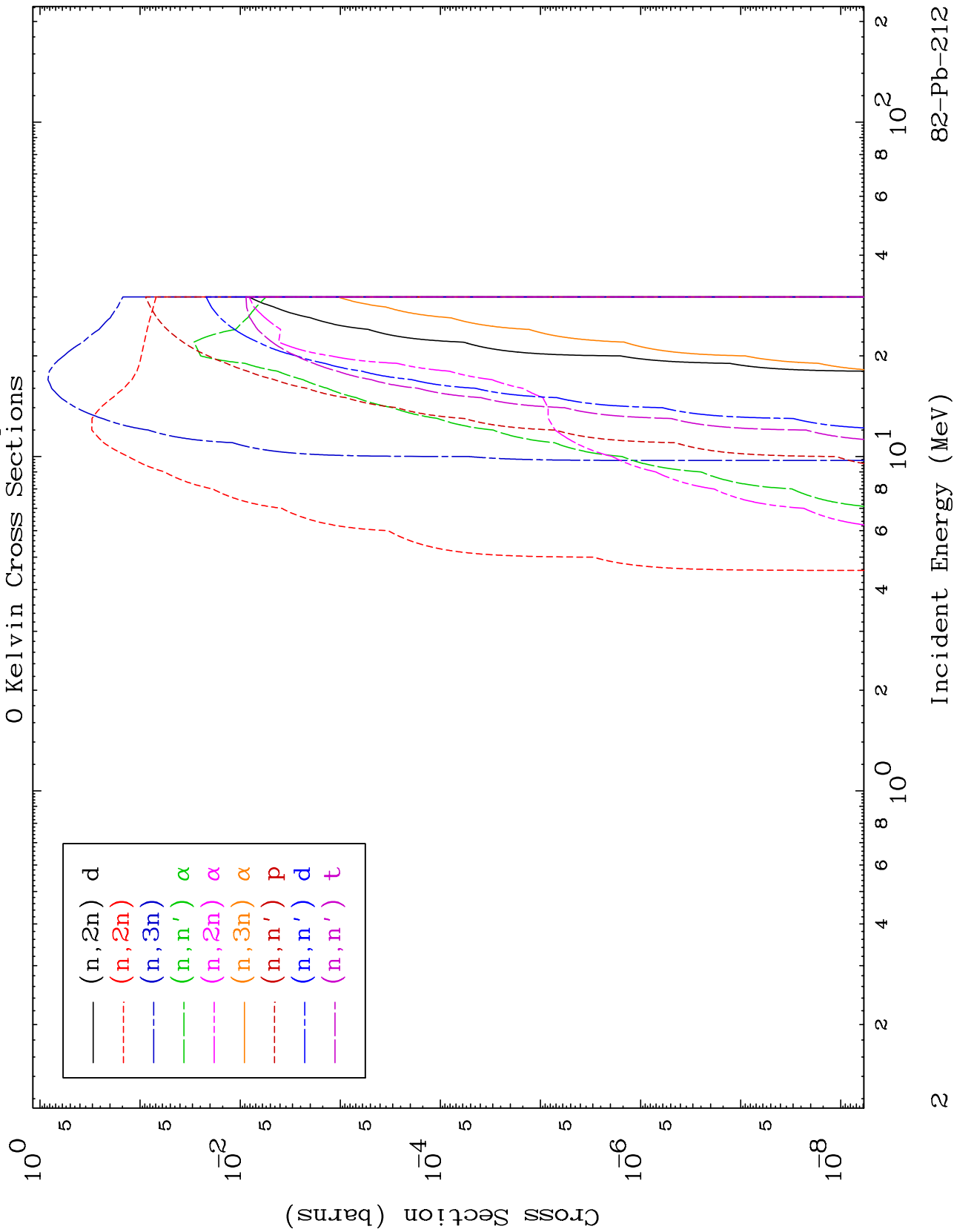
Press Mouse Button to Start

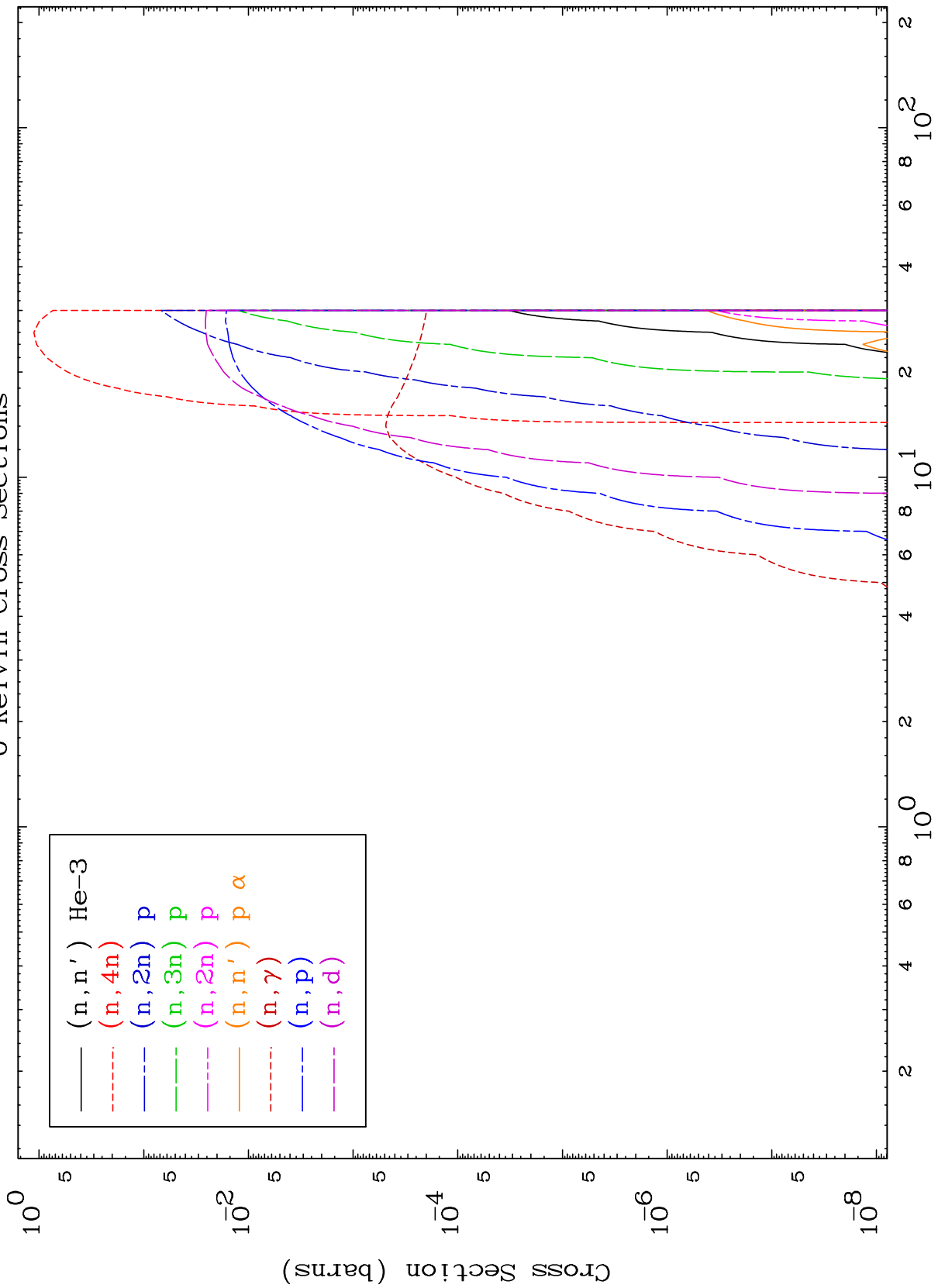


MAT 8249

Proton Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-212

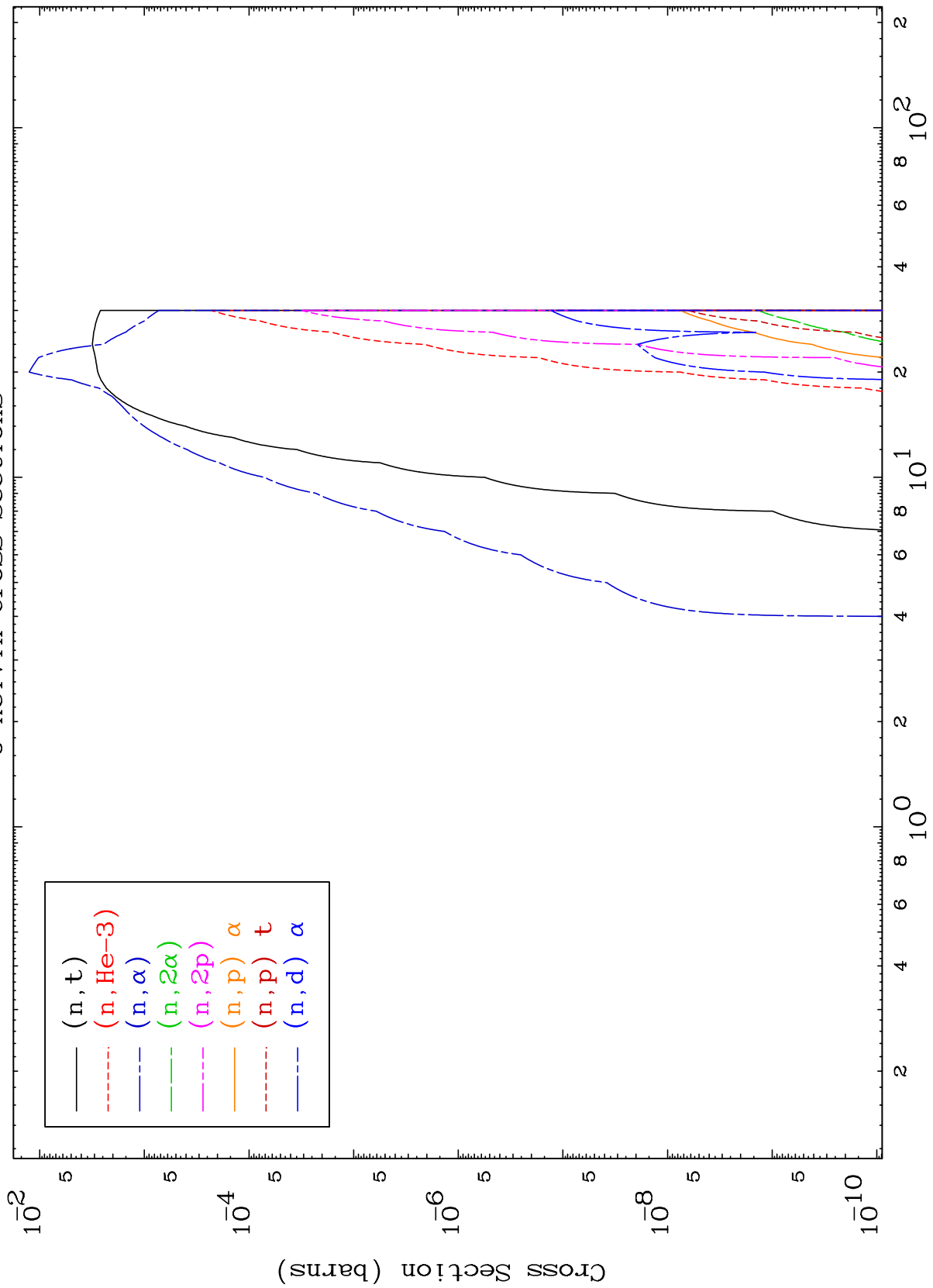




MAT 8249

Proton Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-212

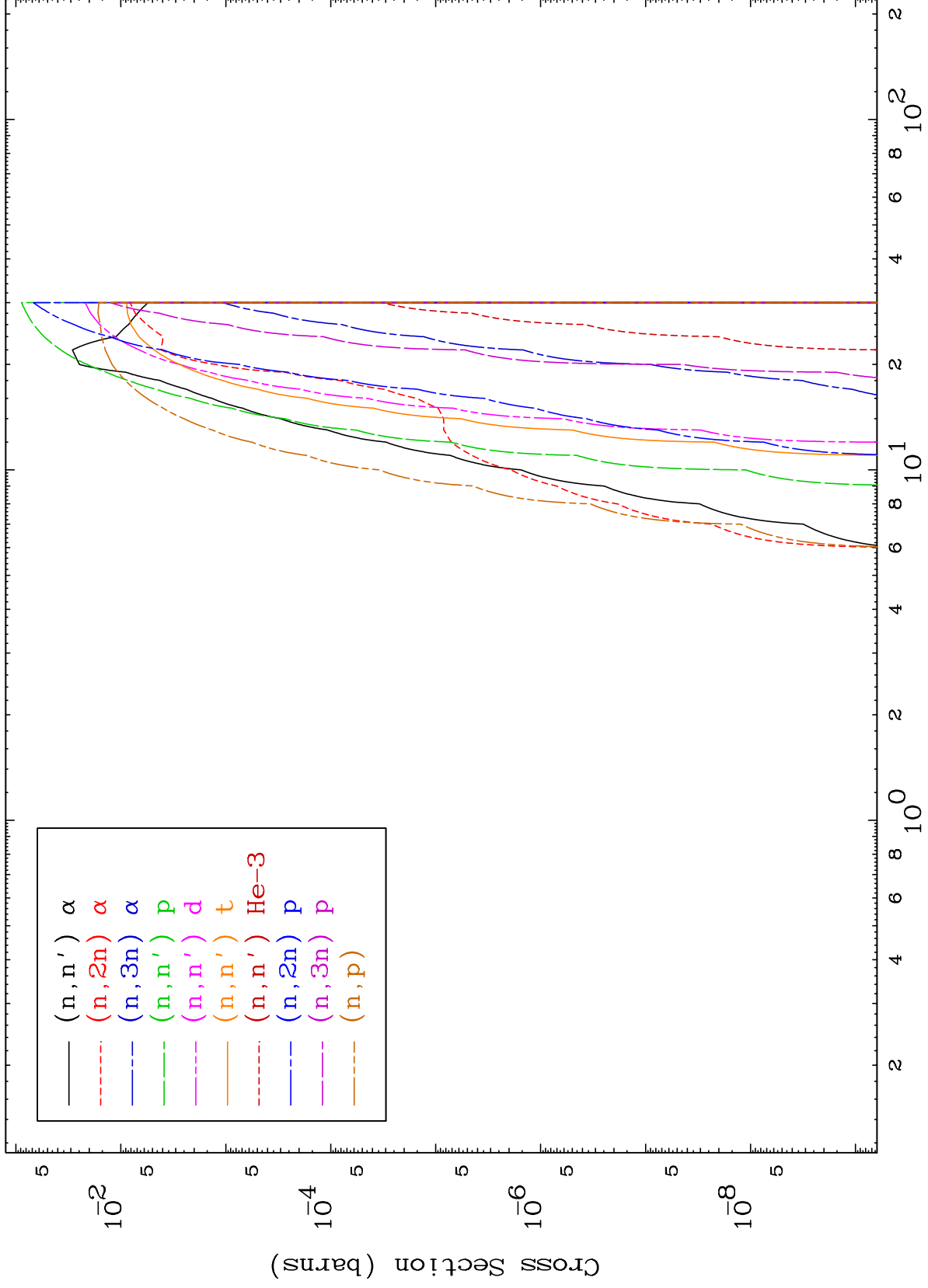


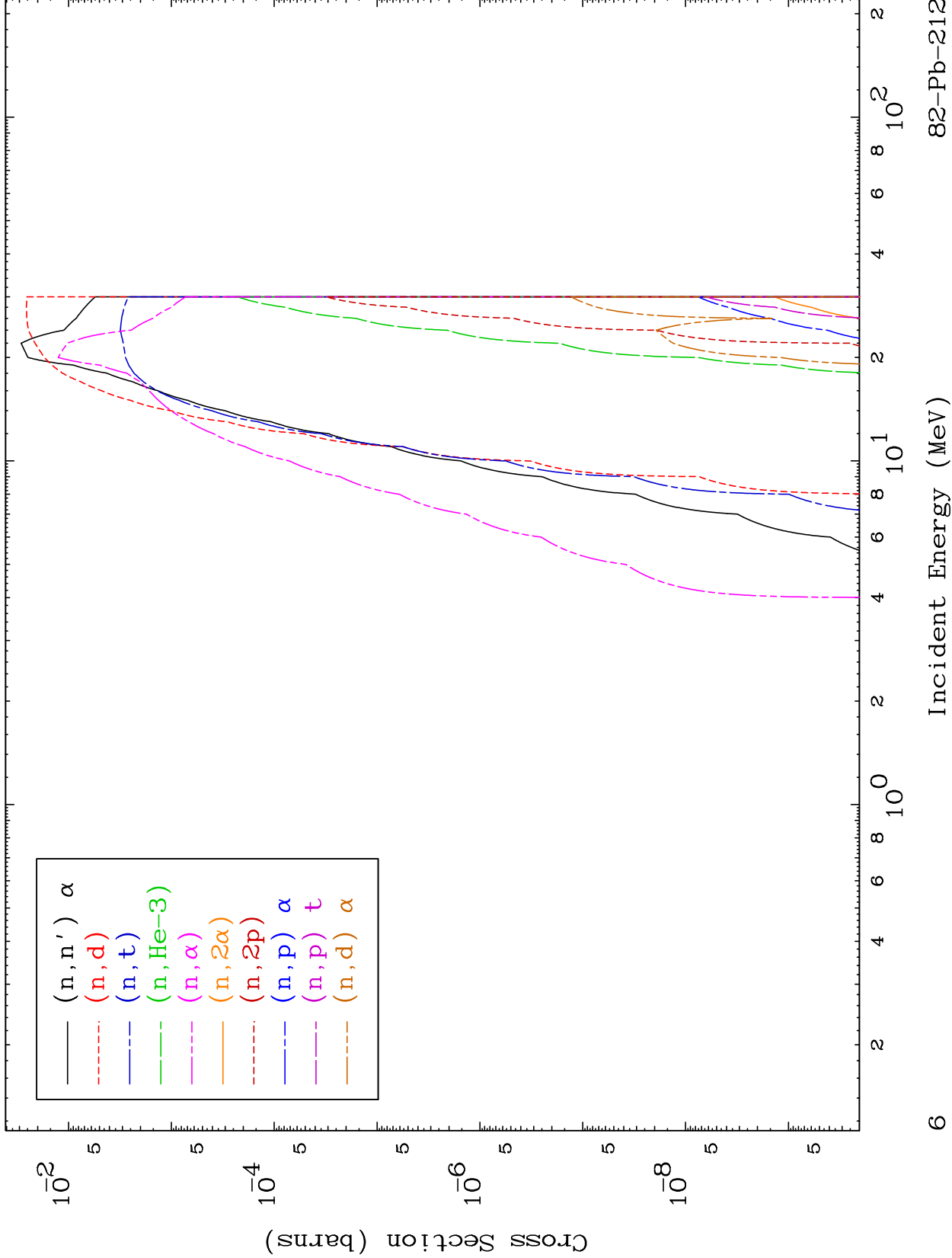
82-Pb-212

MAT 8249

Proton Charged Particle  
0 Kelvin Cross Sections

82-Pb-212



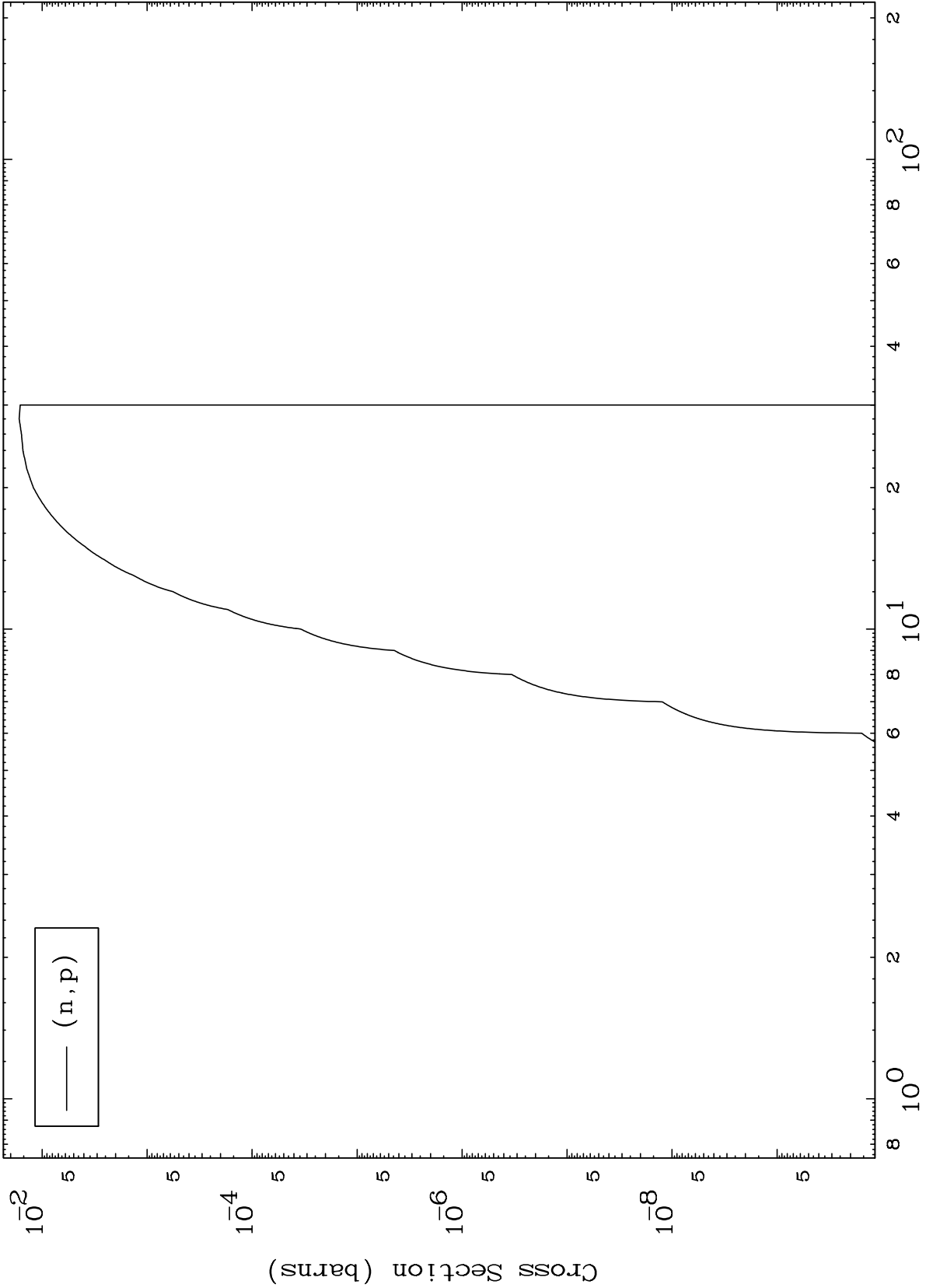


MAT 8249

(p,p) Levels

82-Pb-212

0 Kelvin Cross Sections



(n,p)

Incident Energy (MeV)

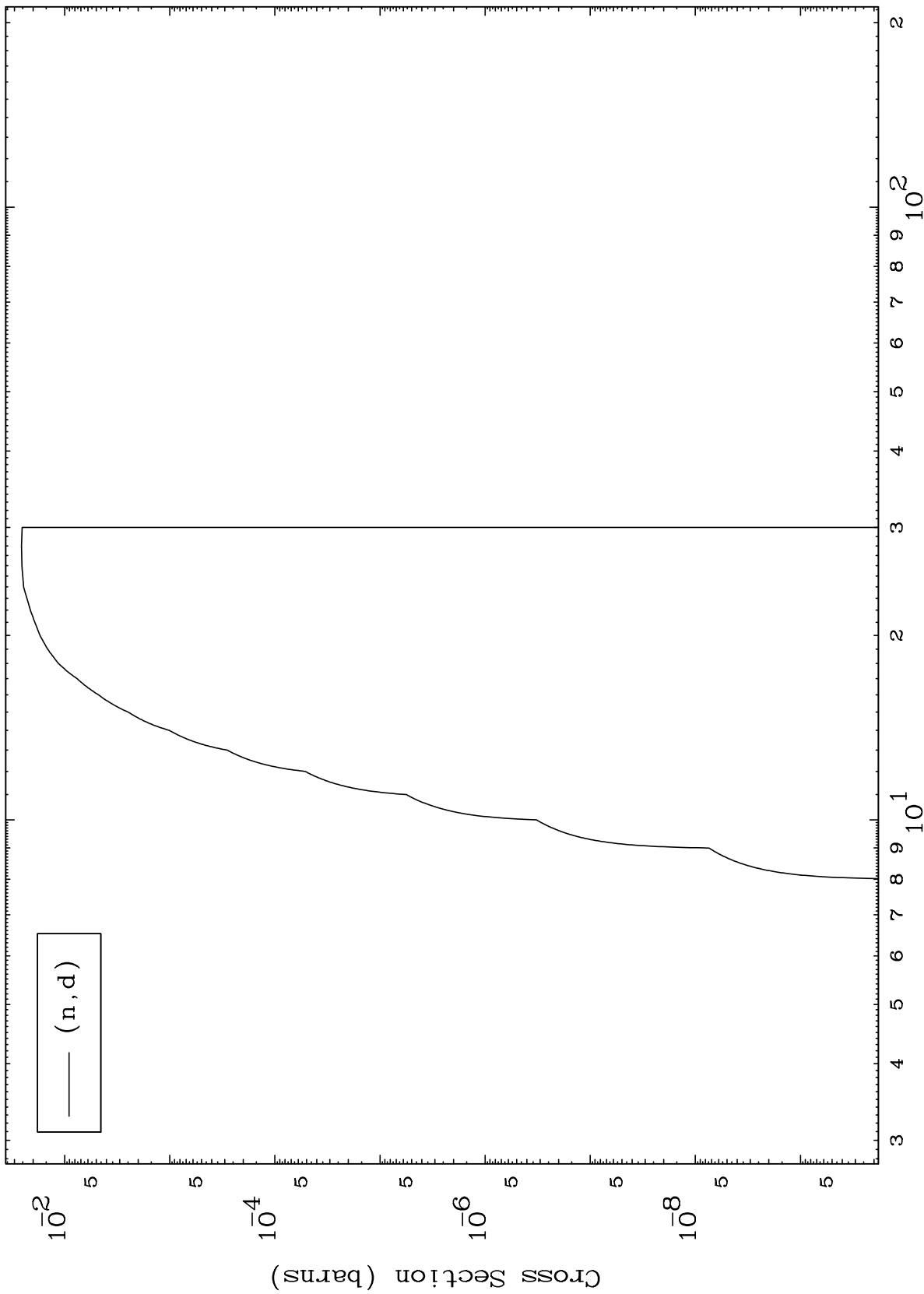
82-Pb-212

7

MAT 8249

82-Pb-212

(p,d) Levels  
0 Kelvin Cross Sections



82-Pb-212

Incident Energy (MeV)

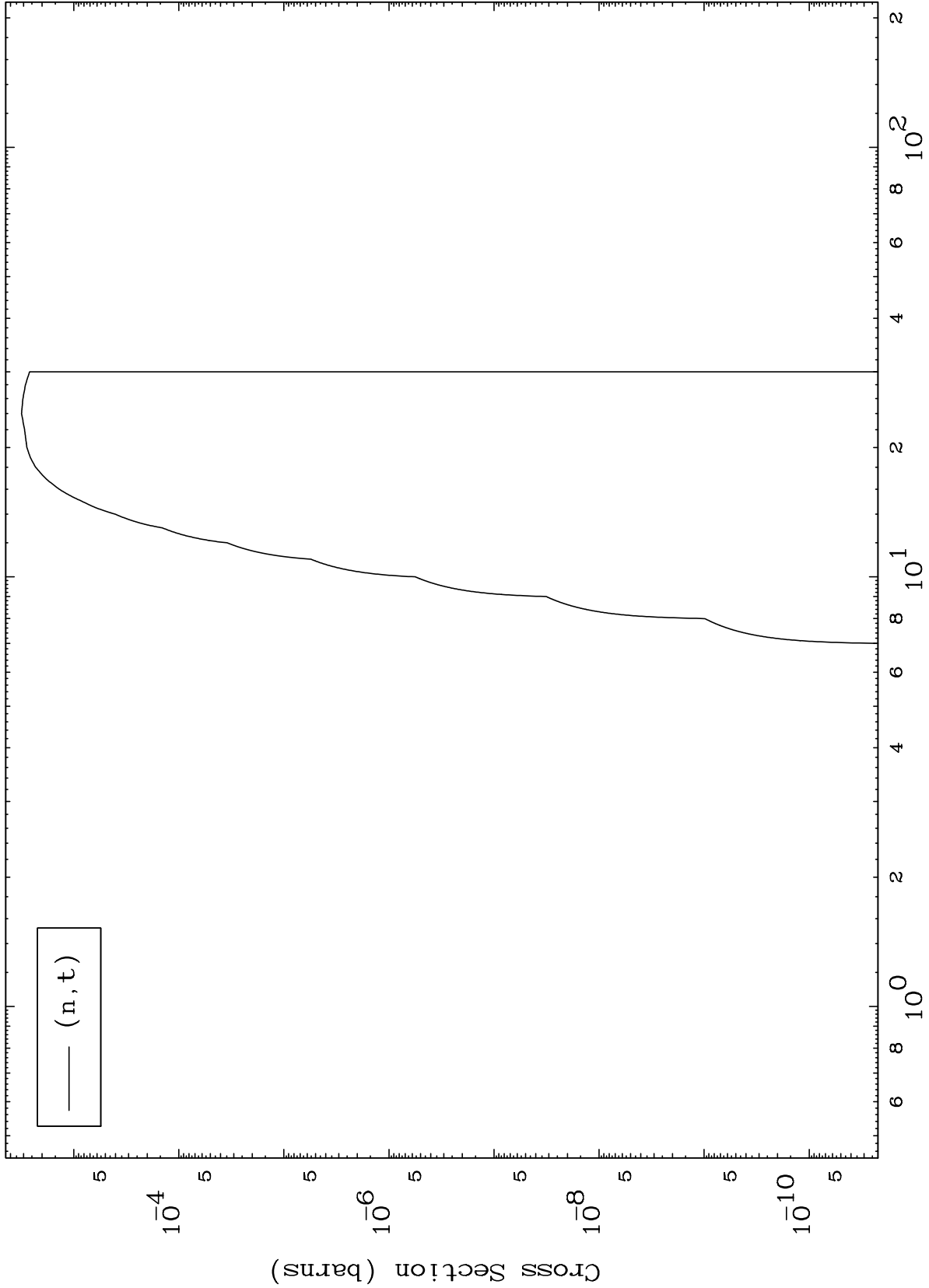
8

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(p, t) Levels

82-Pb-212

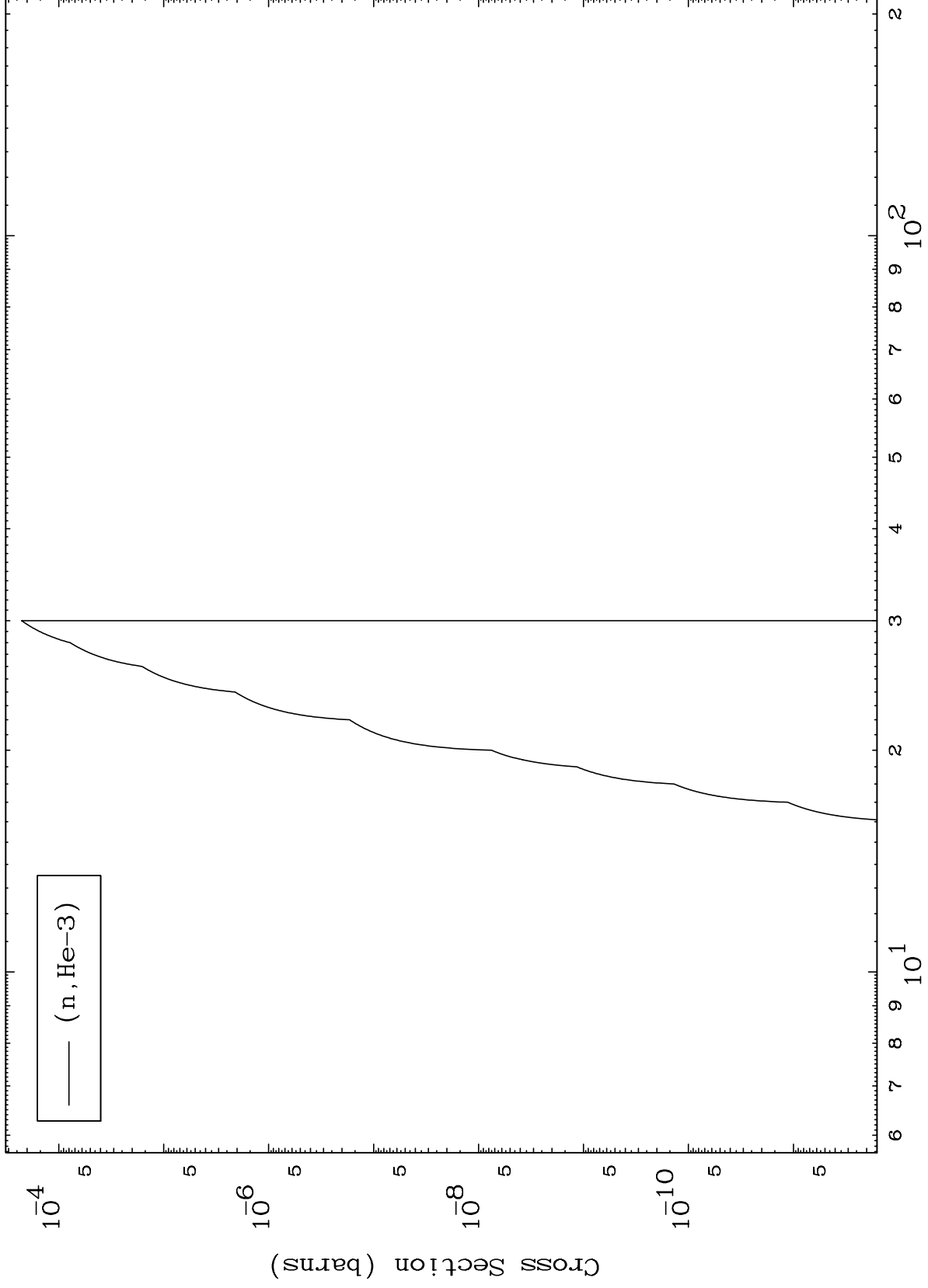
0 Kelvin Cross Sections



MAT 8249

(p,He3) Levels  
0 Kelvin Cross Sections

82-Pb-212



10

Incident Energy (MeV)

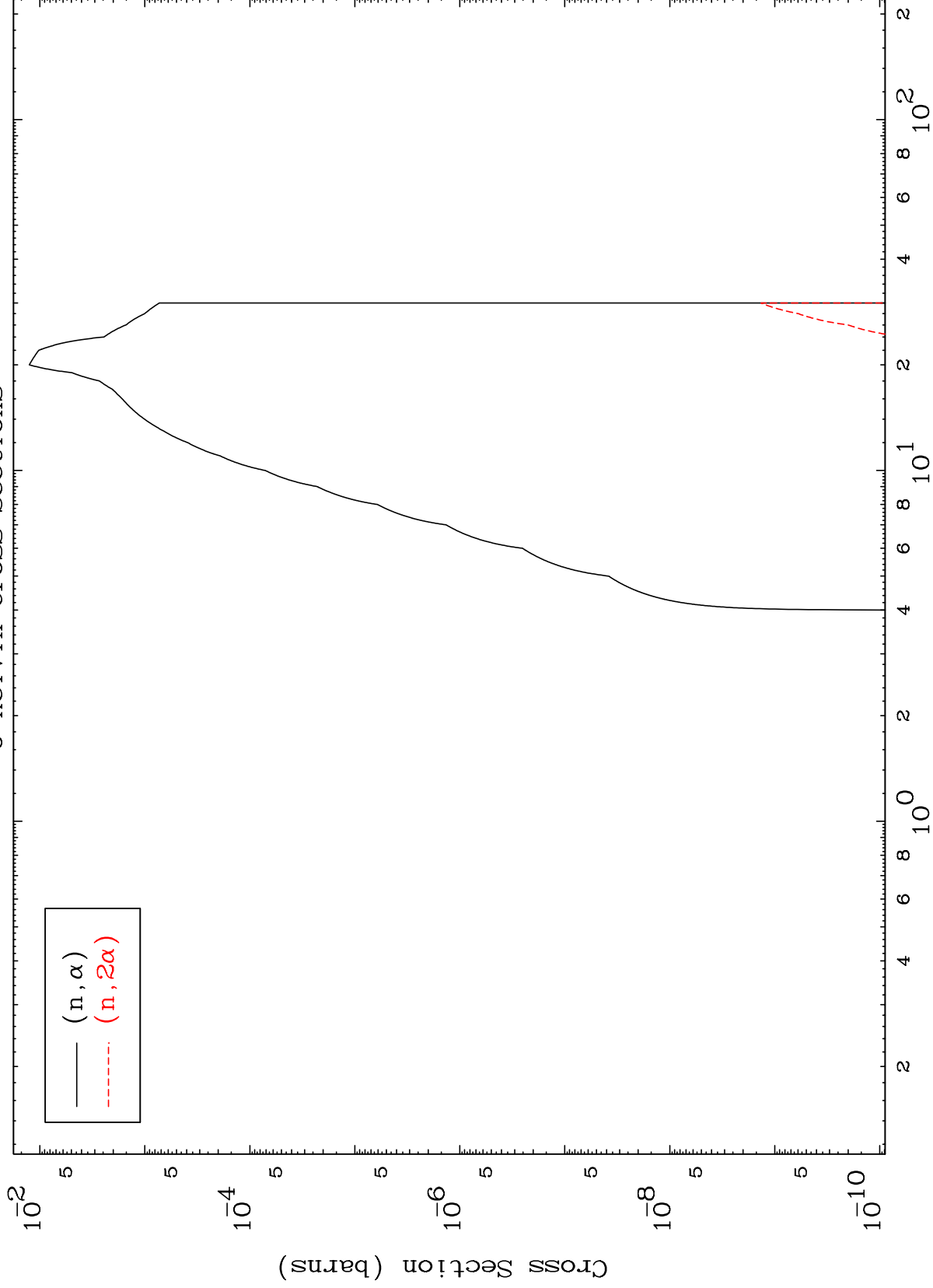
82-Pb-212

MAT 8249

(p,  $\alpha$ ) Levels

82-Pb-212

0 Kelvin Cross Sections



11

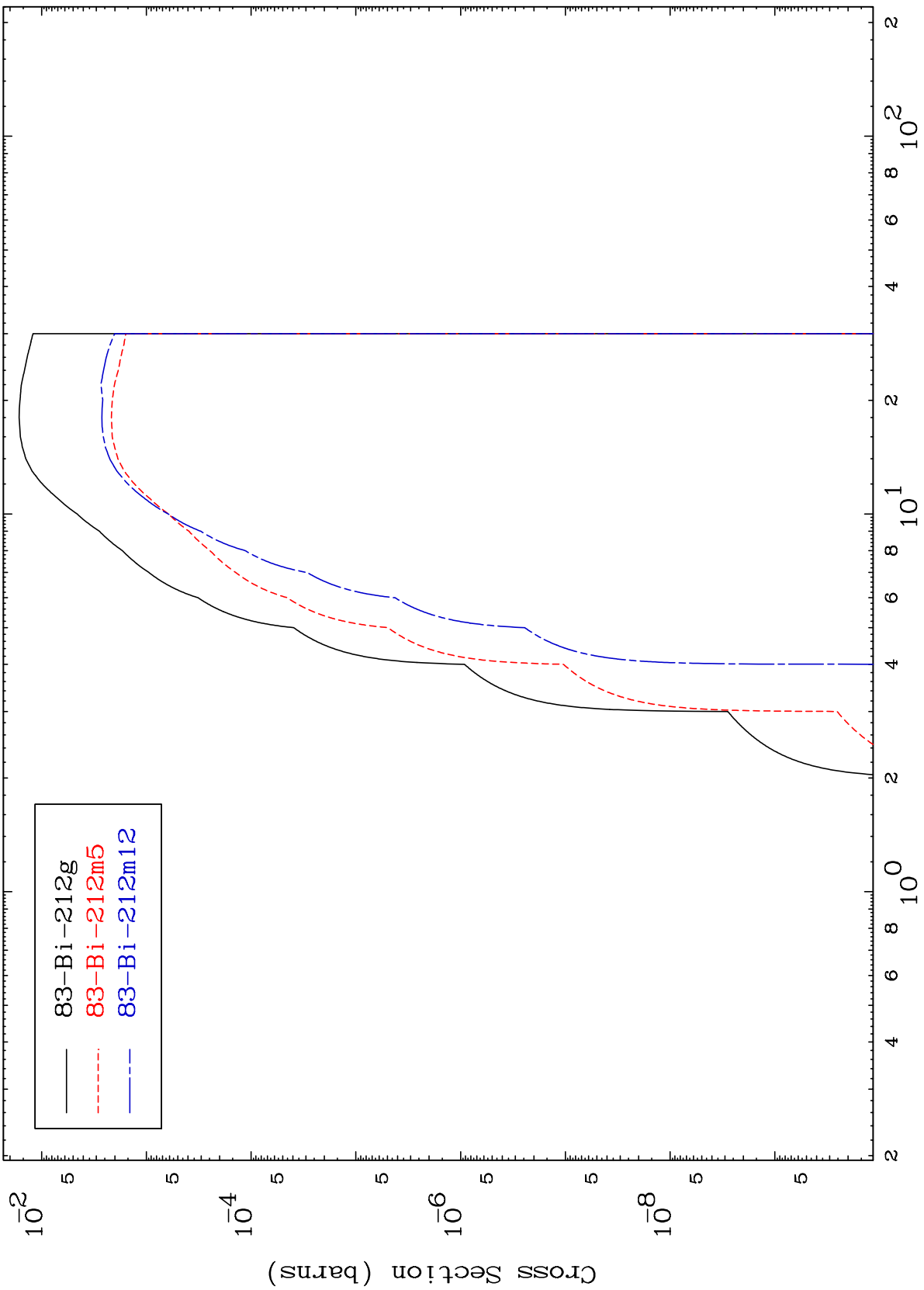
Incident Energy (MeV)

82-Pb-212

MAT 8249

82-Pb-212

Inelastic  
Radionuclide Production Cross Section



82-Pb-212

Incident Energy (MeV)

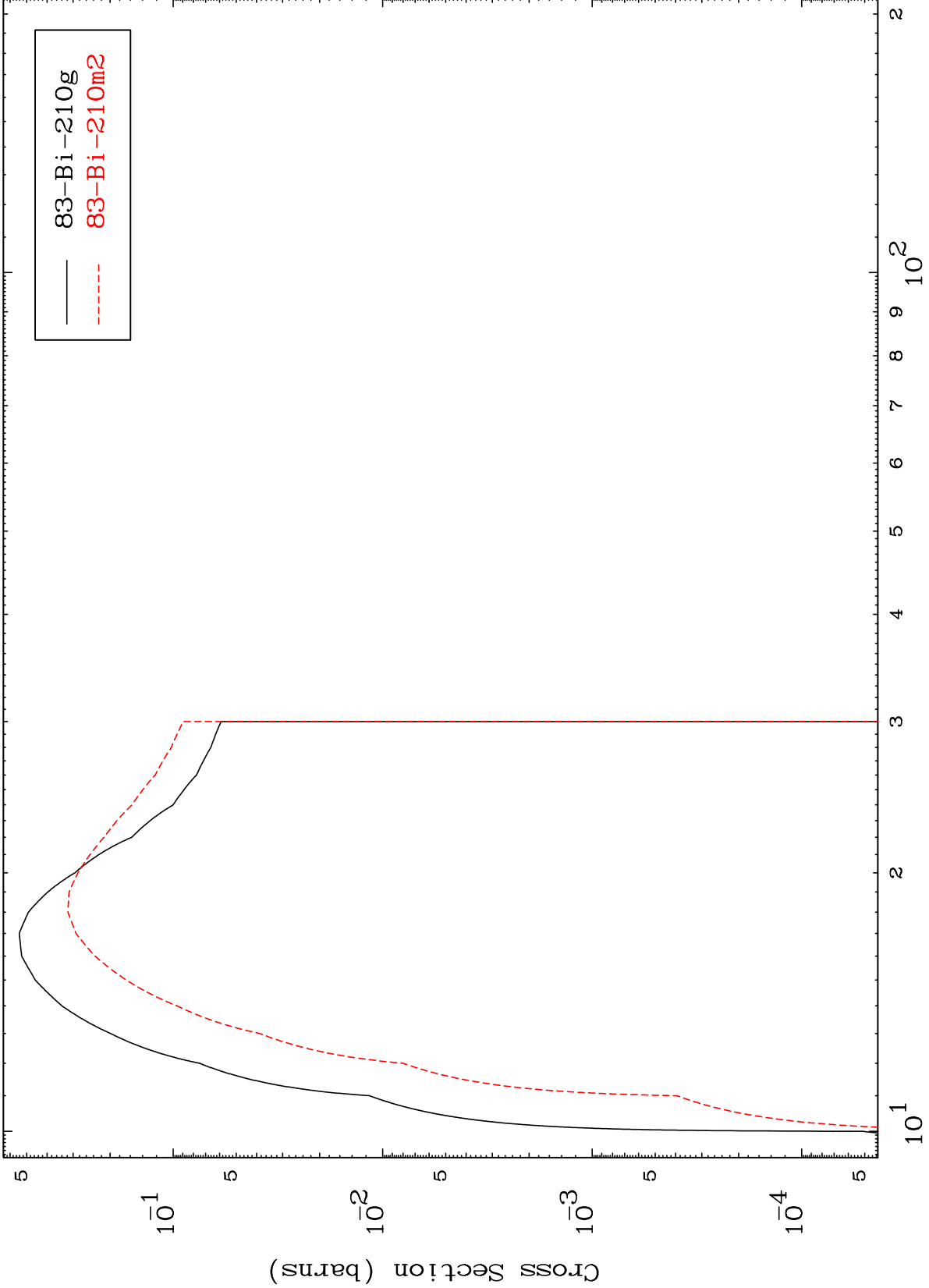
12

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(n,3n)

82-Pb-212

Radionuclide Production Cross Section



83-Bi-210g  
83-Bi-210m2

13

Incident Energy (MeV)

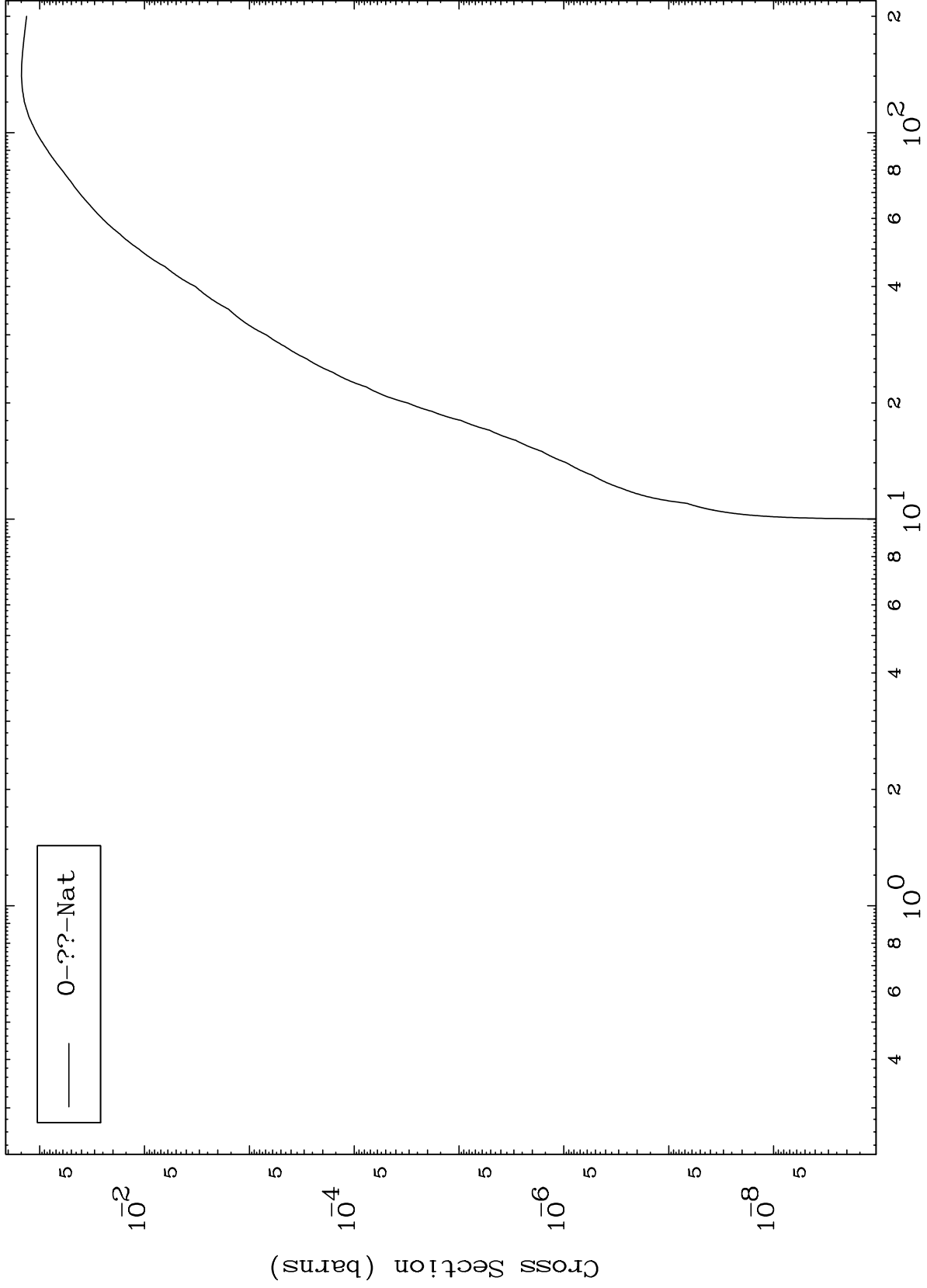
82-Pb-212

MAT 8249

Fission

82-Pb-212

Radionuclide Production Cross Section

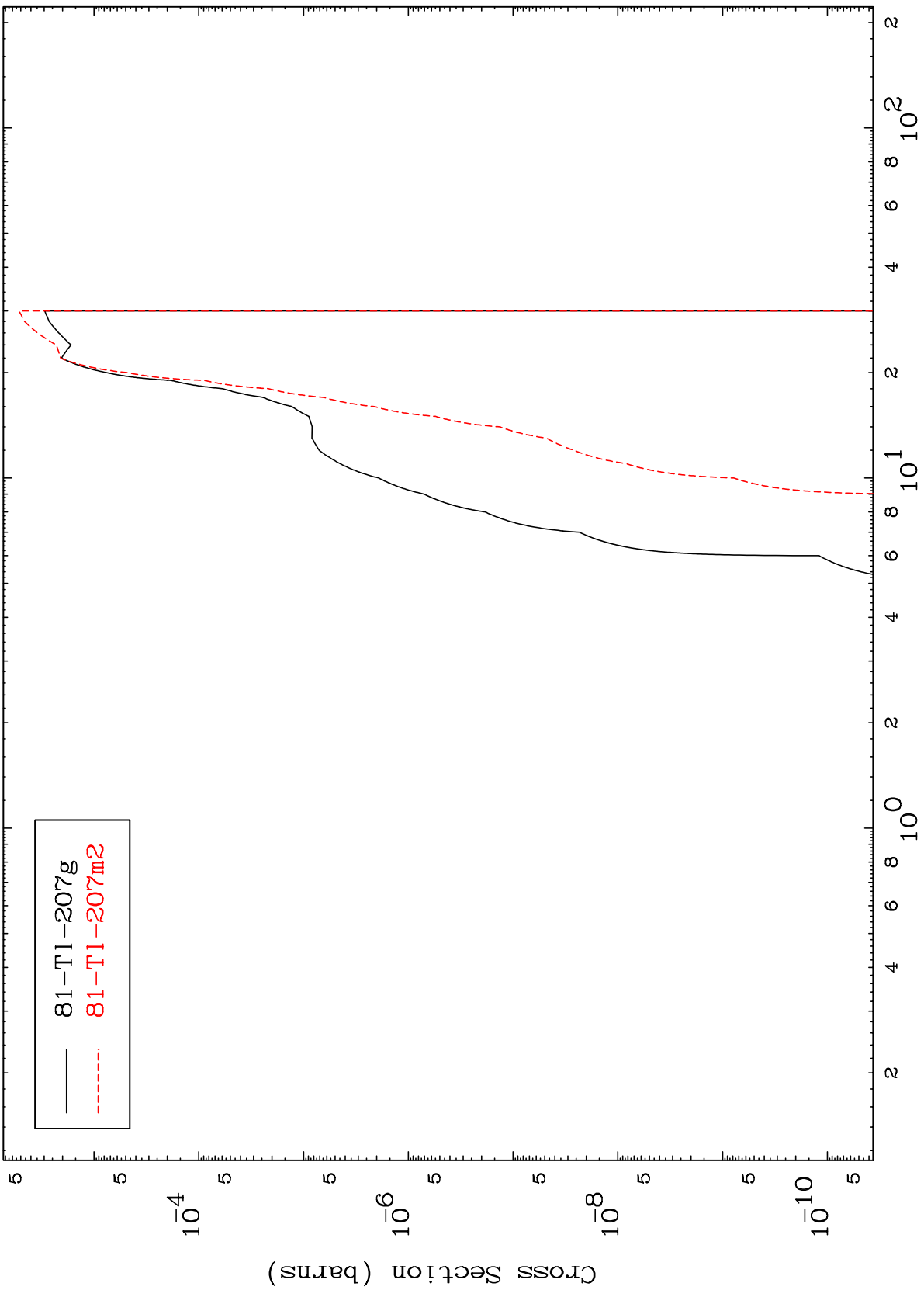


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$(n,2n) \alpha$

82-Pb-212

Radionuclide Production Cross Section

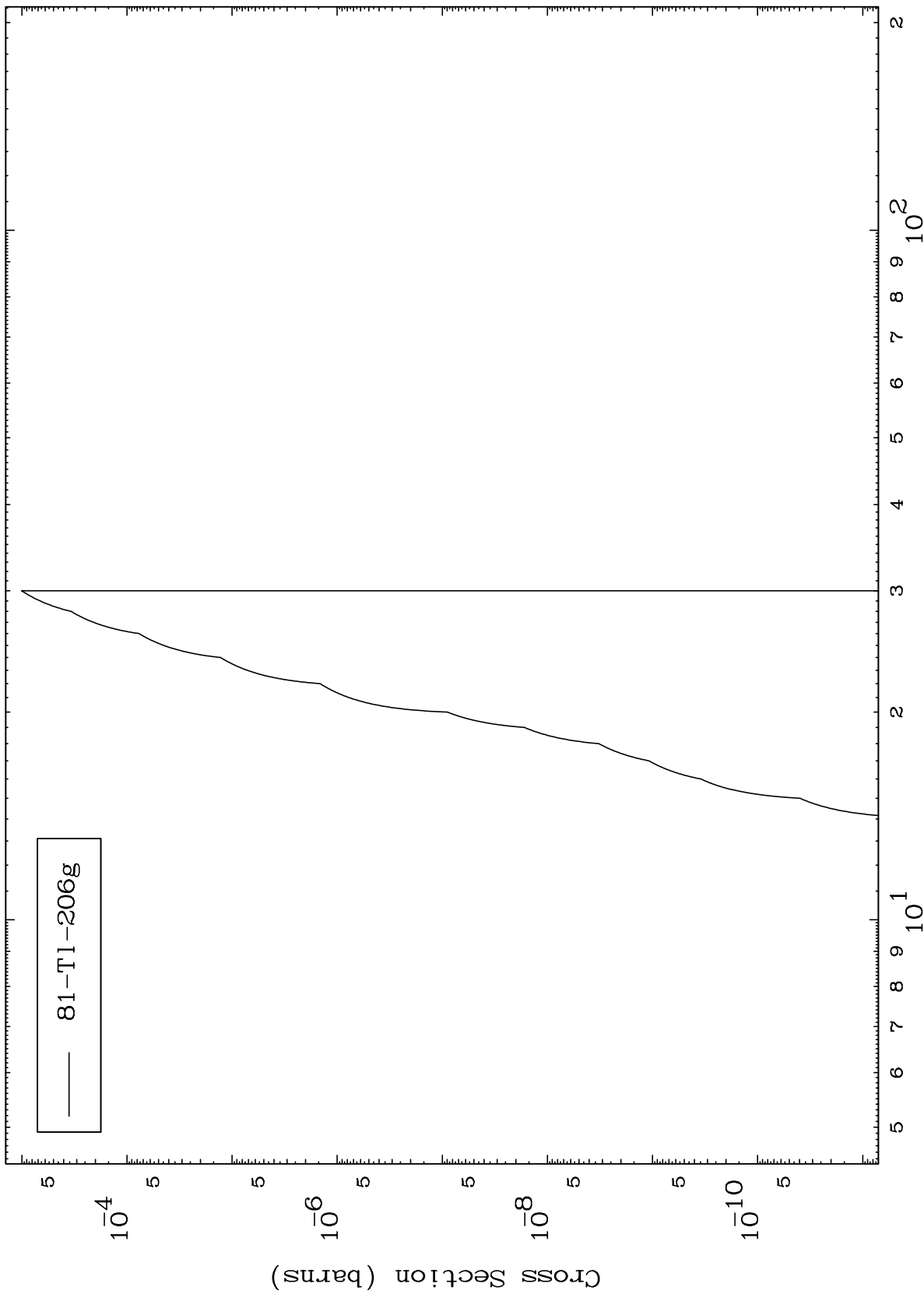


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(n,3n)  $\alpha$

82-Pb-212

Radionuclide Production Cross Section



16

Incident Energy (MeV)

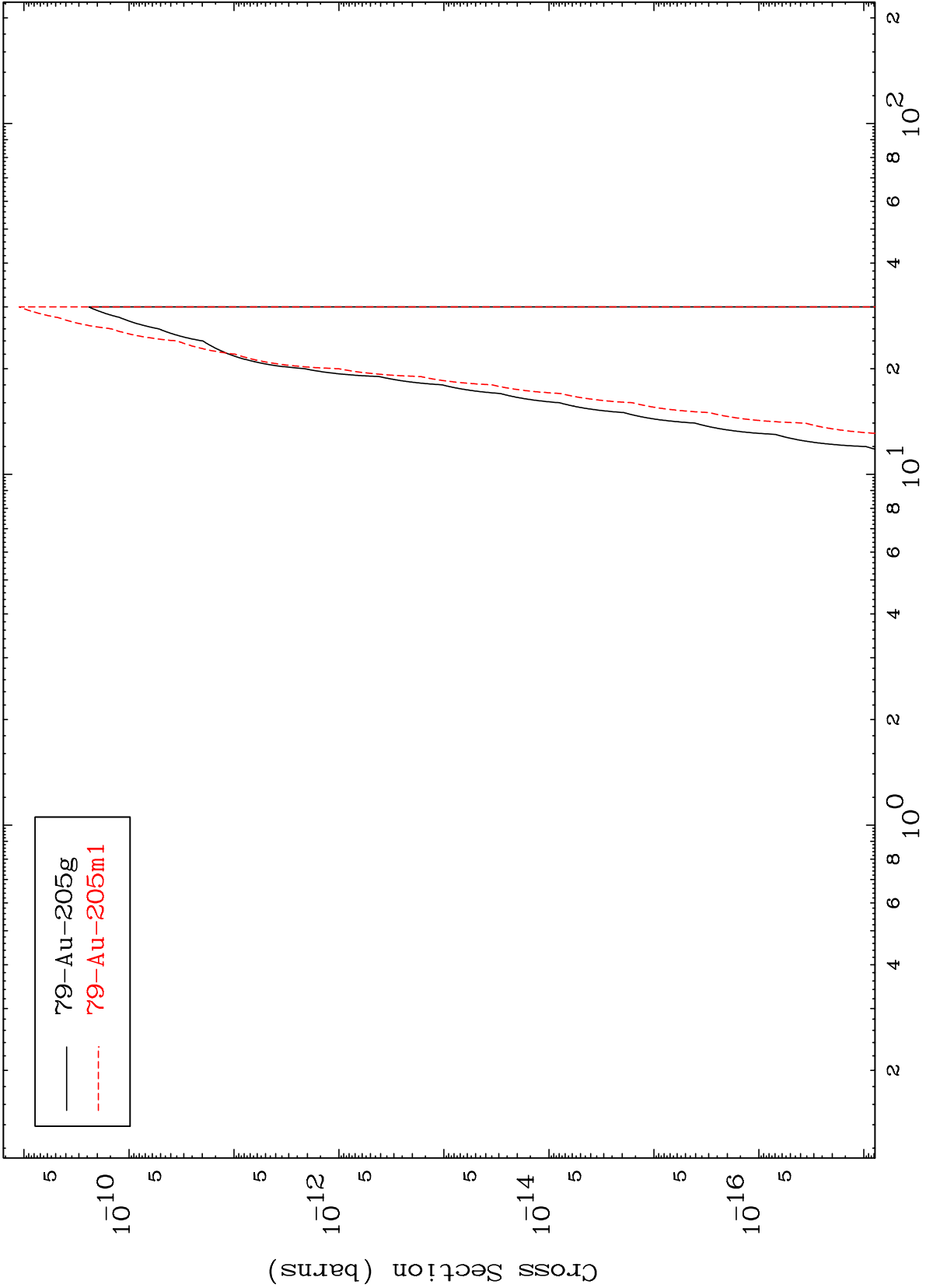
82-Pb-212

MAT 8249

(n,2 $\alpha$ )

82-Pb-212

Radionuclide Production Cross Section



— 79-Au-205g  
- - - 79-Au-205m1