

Program EVALPLOT  
(Version 2021-1)

by

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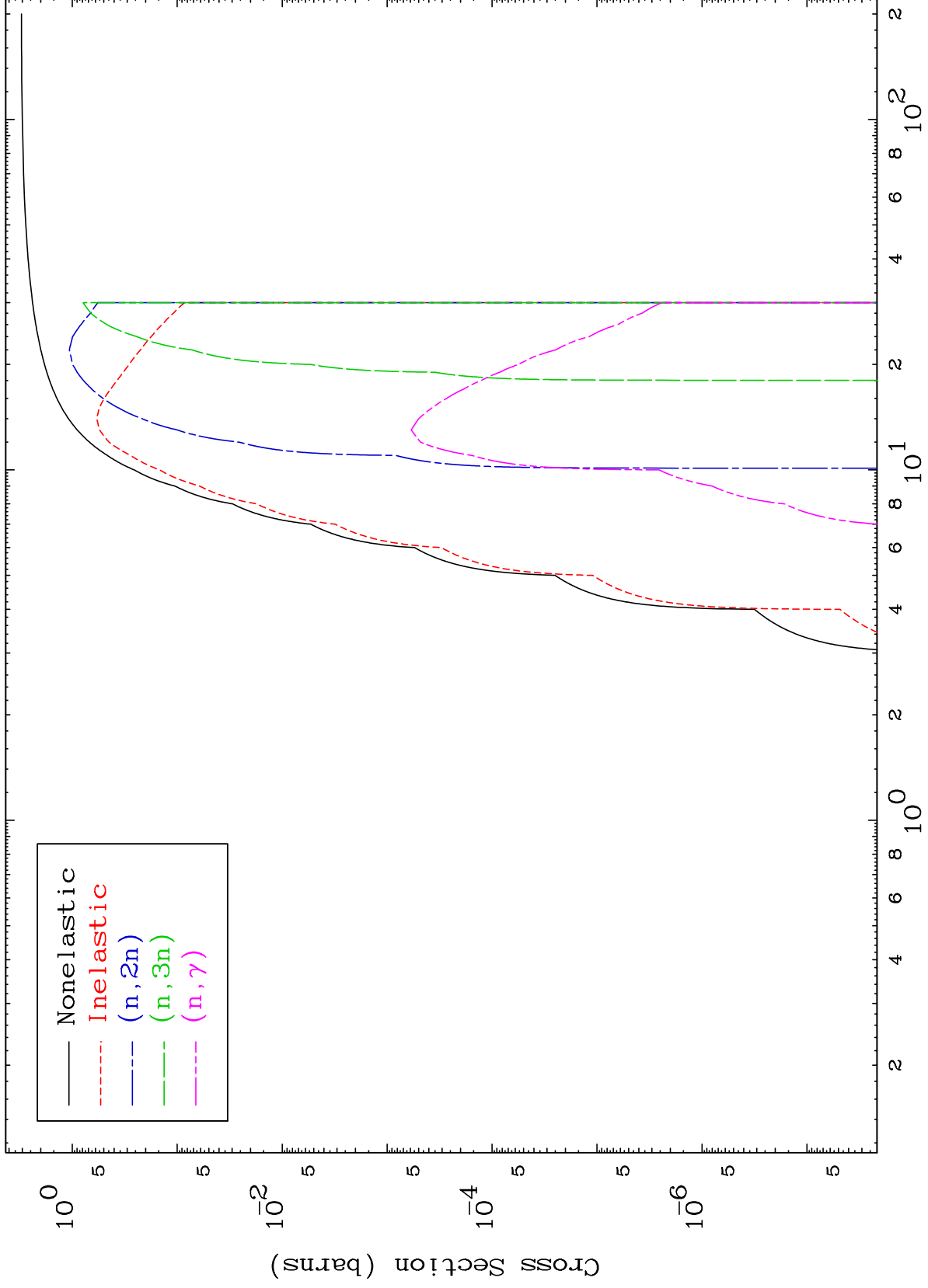
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8007

Deuteron Major  
0 Kelvin Cross Sections

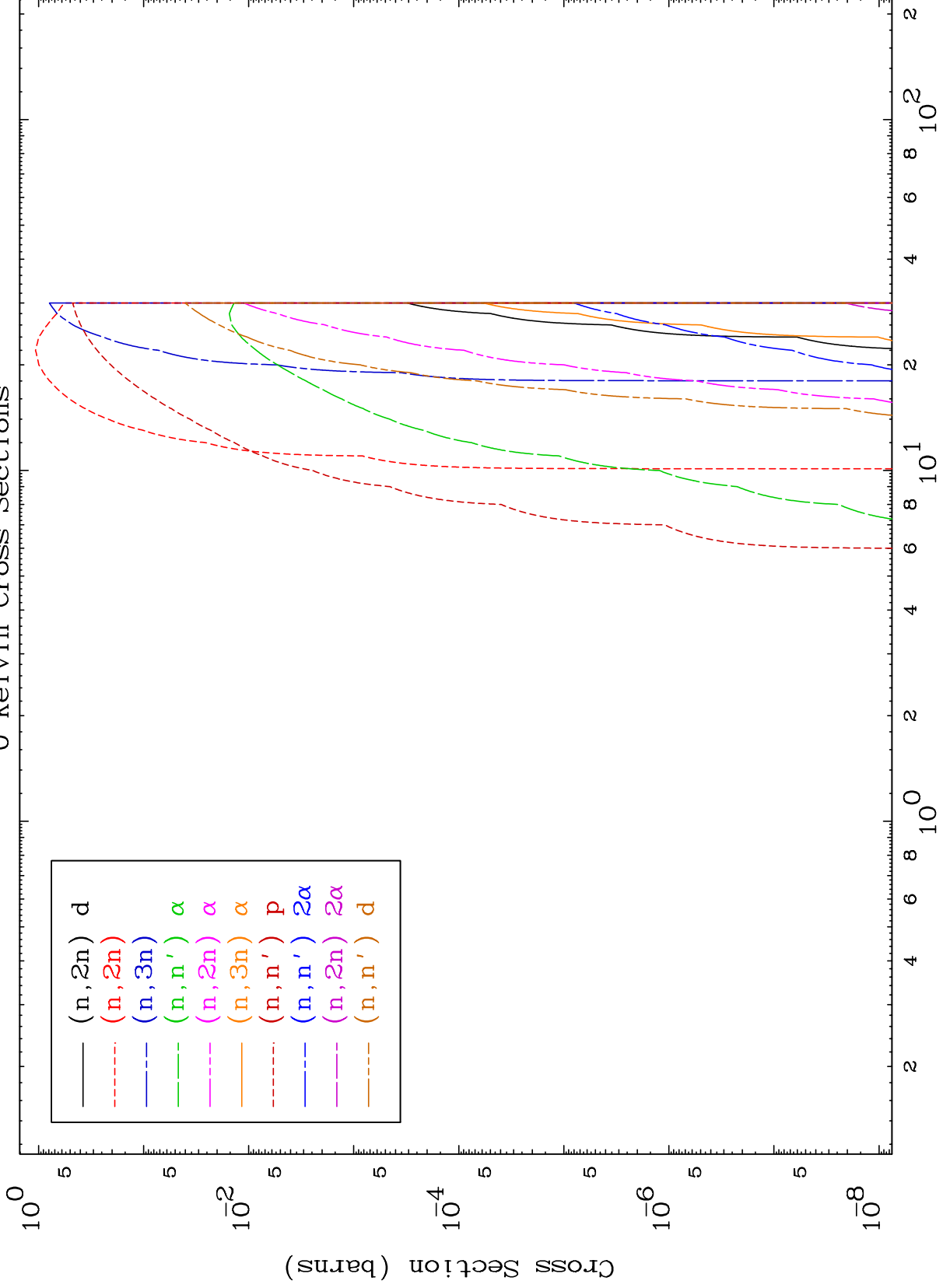
80-Hg-190



MAT 8007

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

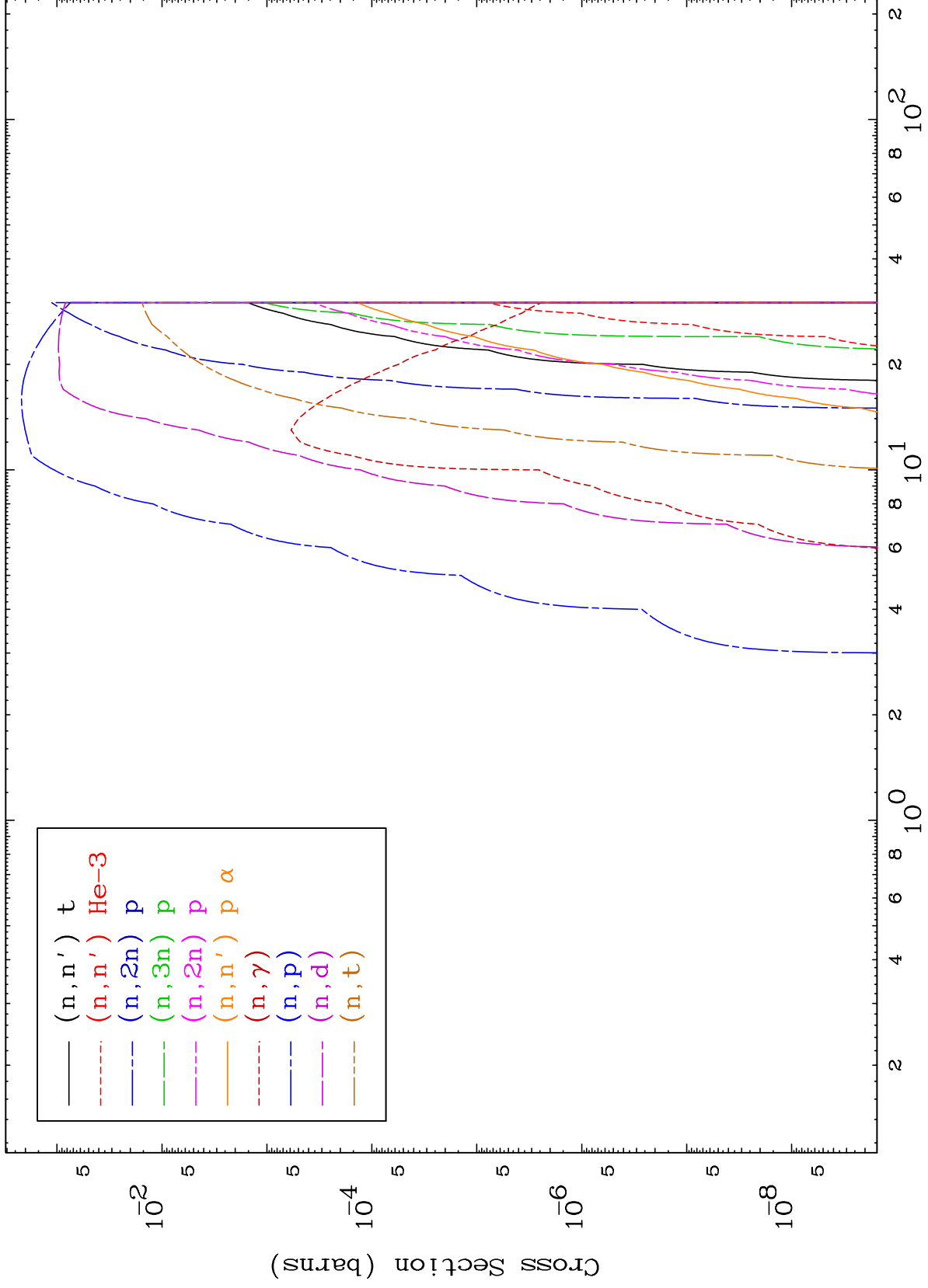
80-Hg-190



MAT 8007

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

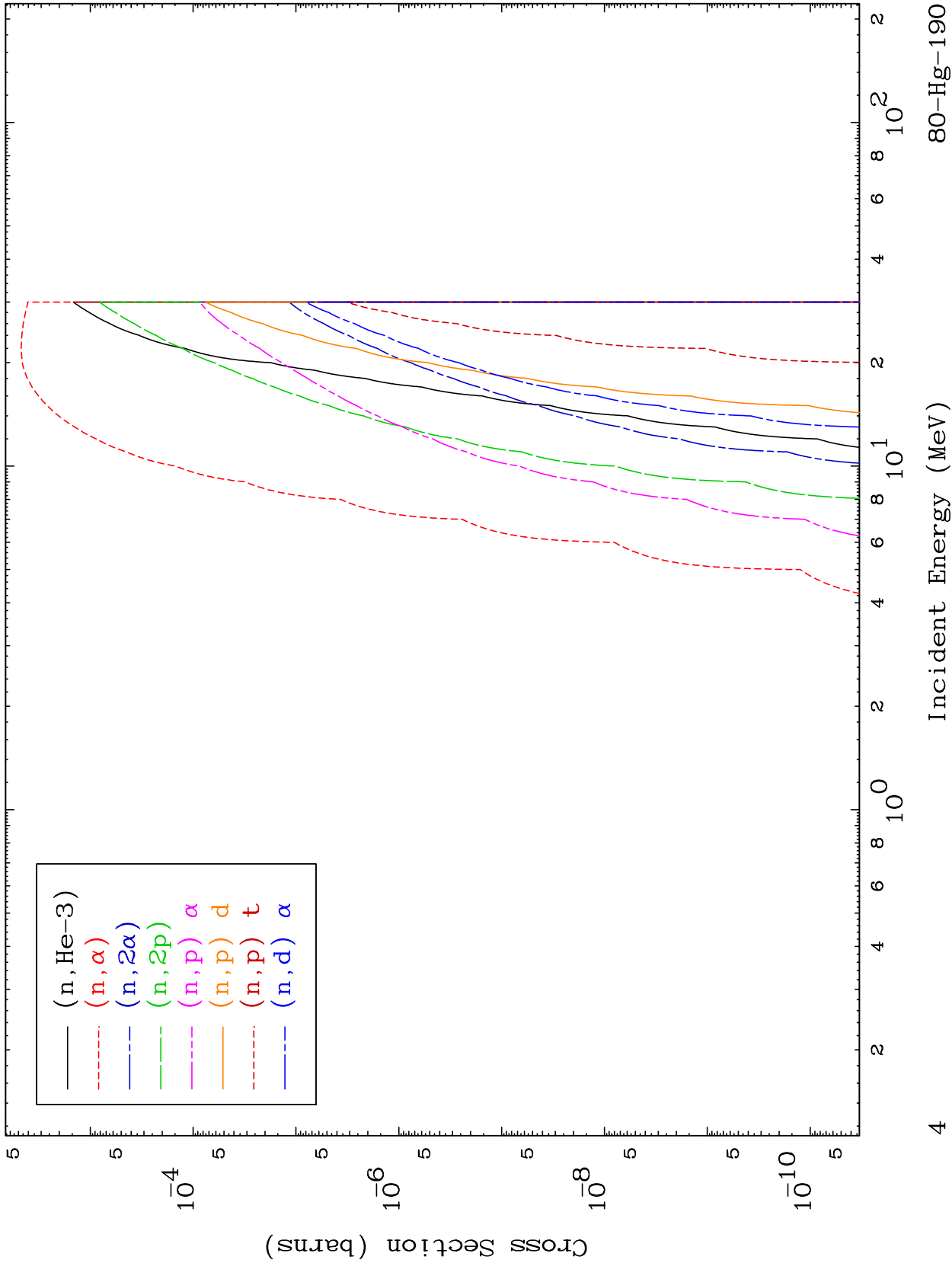
80-Hg-190



MAT 8007

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

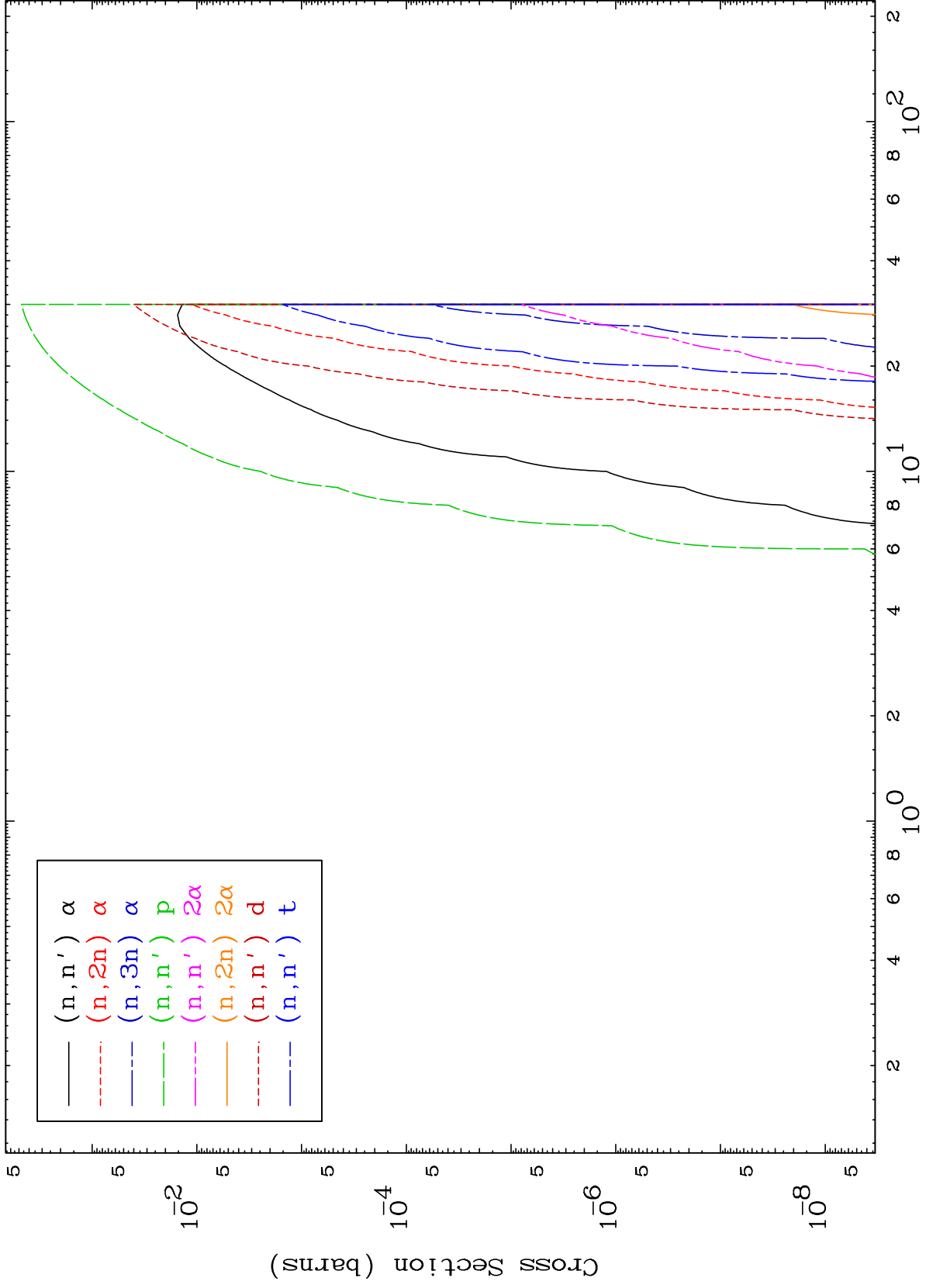
80-Hg-190



MAT 8007

Deuteron Charged Particle  
0 Kelvin Cross Sections

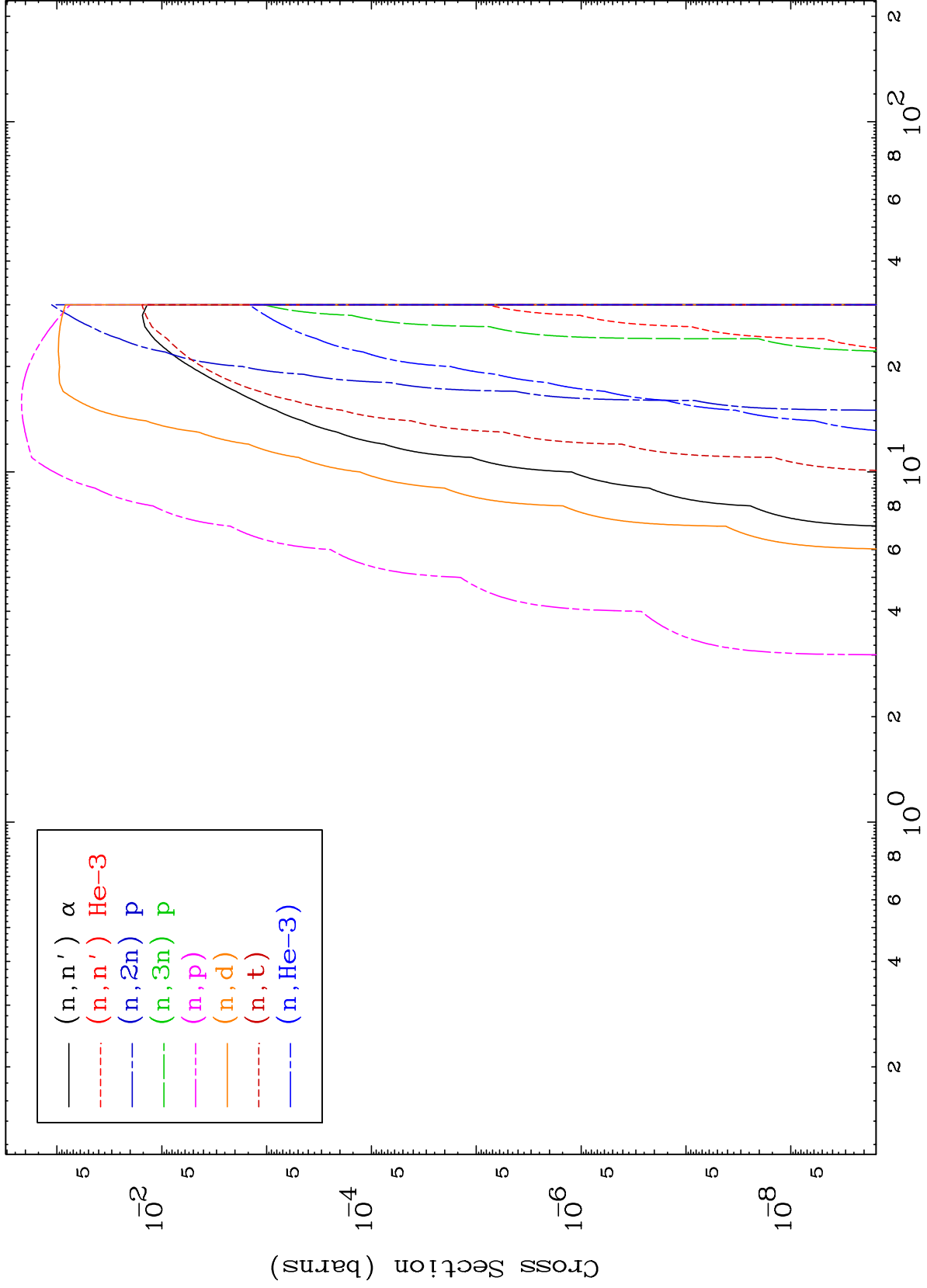
80-Hg-190



5

Incident Energy (MeV)

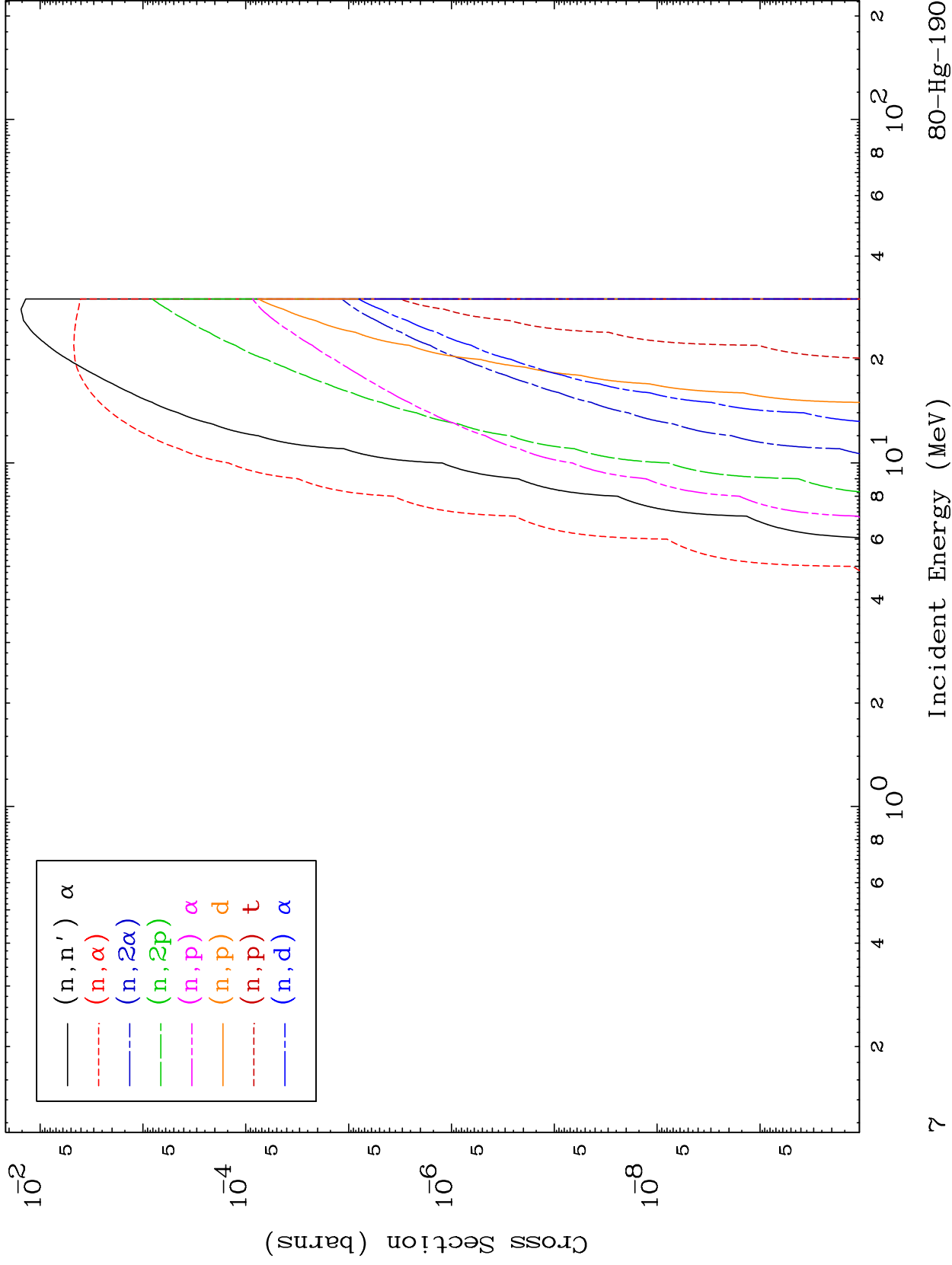
80-Hg-190



MAT 8007

Deuteron Charged Particle  
0 Kelvin Cross Sections

80-Hg-190



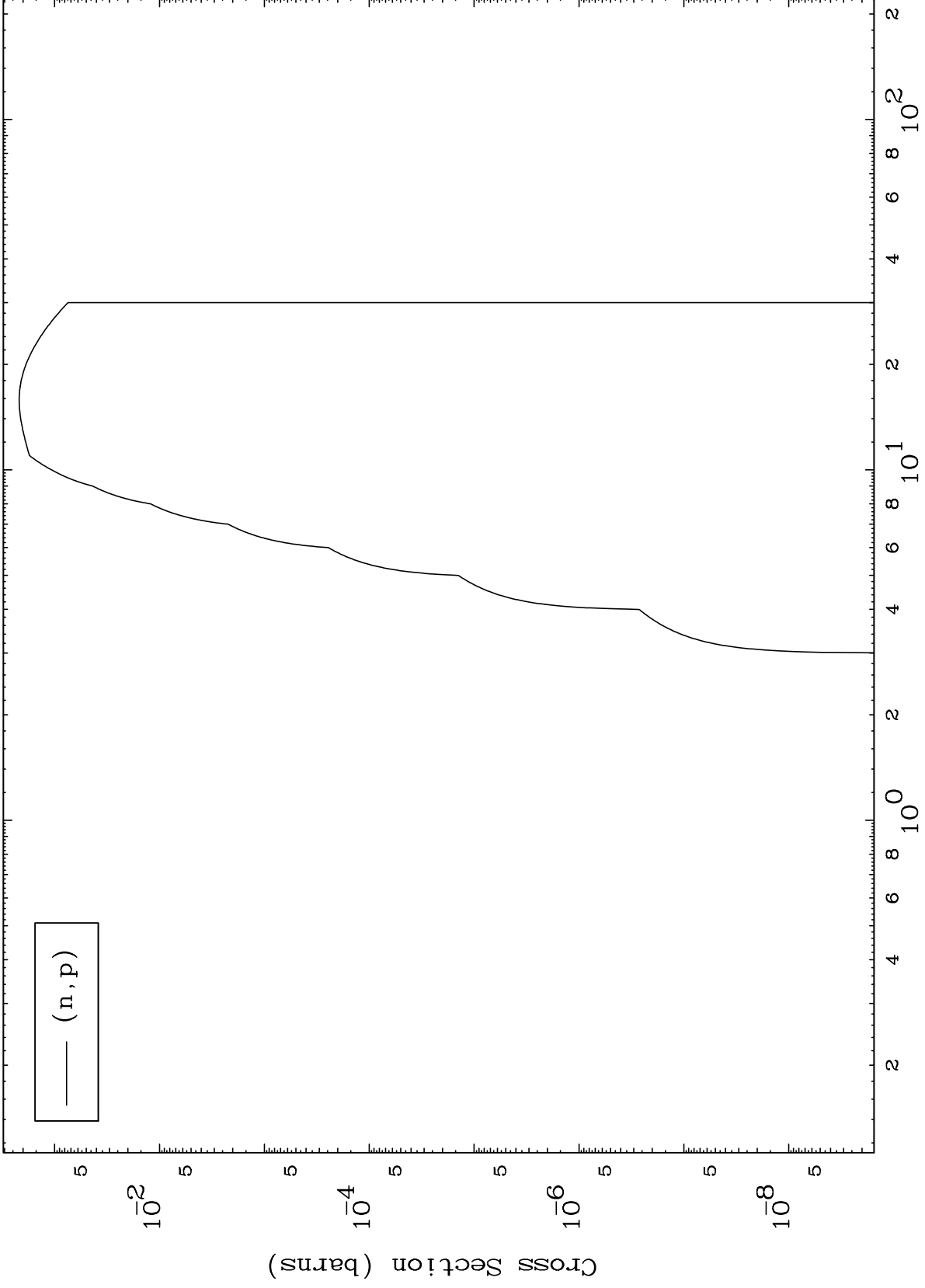


MAT 8007

(d,p) Levels

80-Hg-190

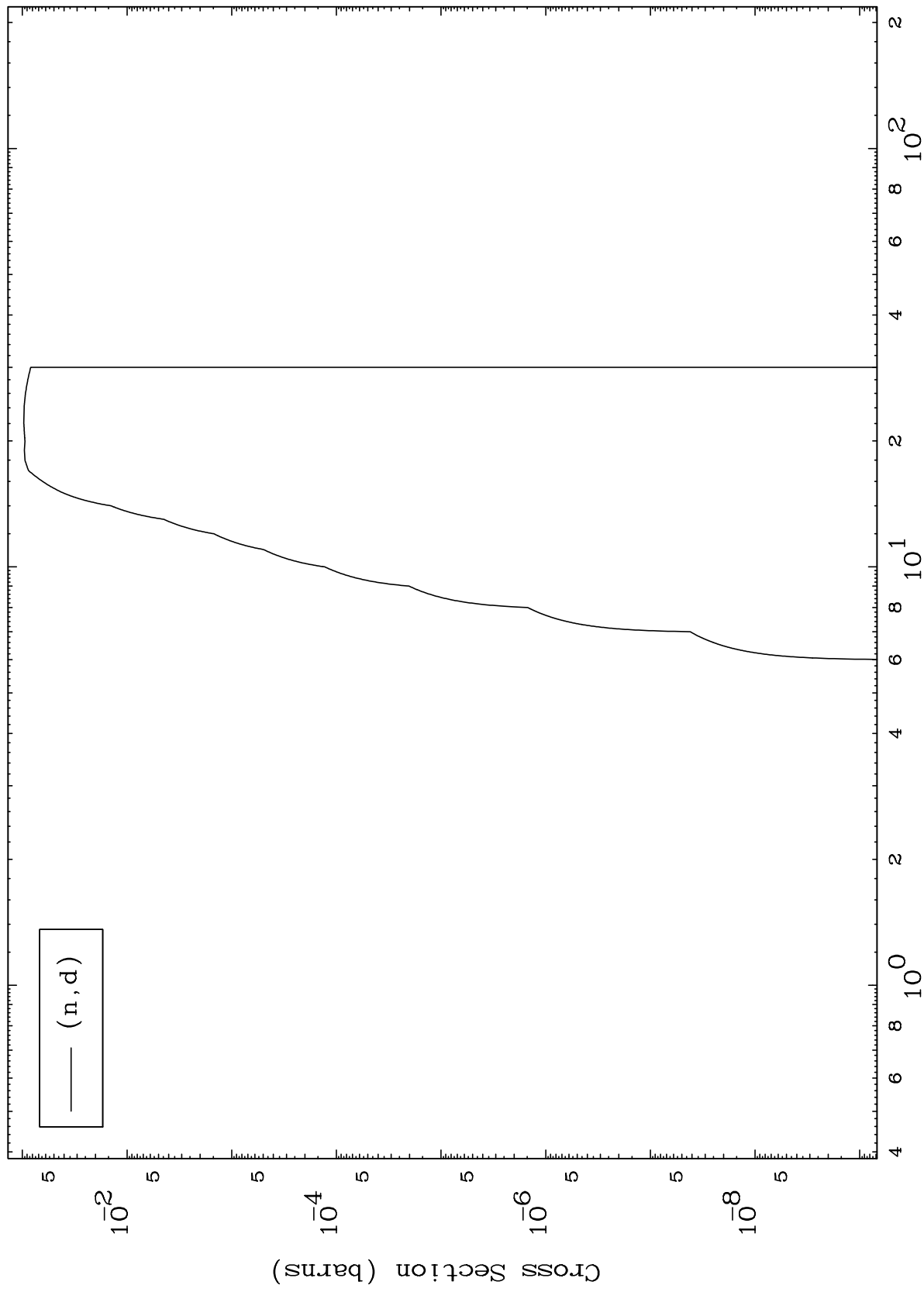
0 Kelvin Cross Sections



MAT 8007

80-Hg-190

(d,d) Levels  
0 Kelvin Cross Sections



9

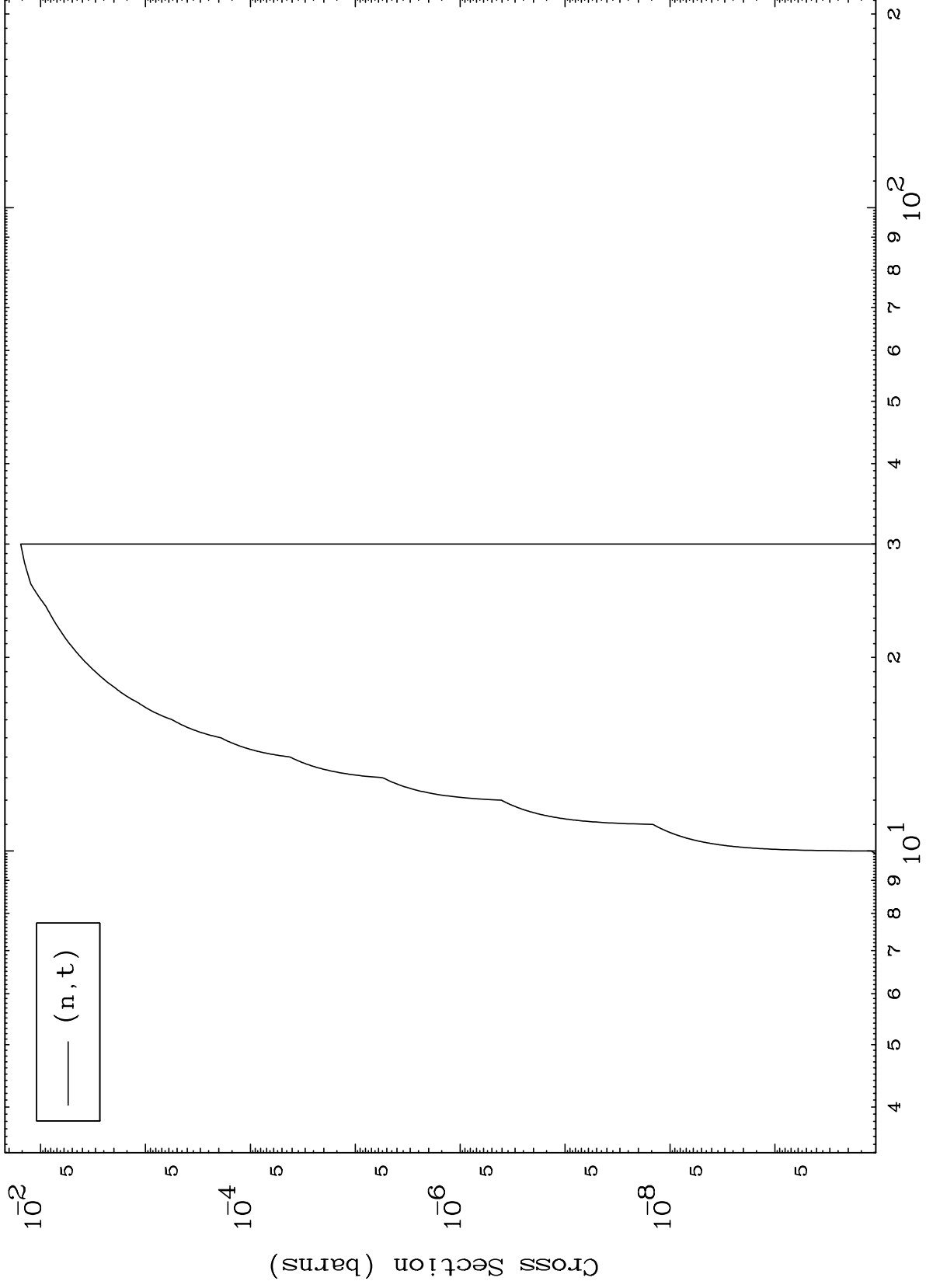
Incident Energy (MeV)

80-Hg-190

MAT 8007

(d,t) Levels  
0 Kelvin Cross Sections

80-Hg-190



10

Incident Energy (MeV)

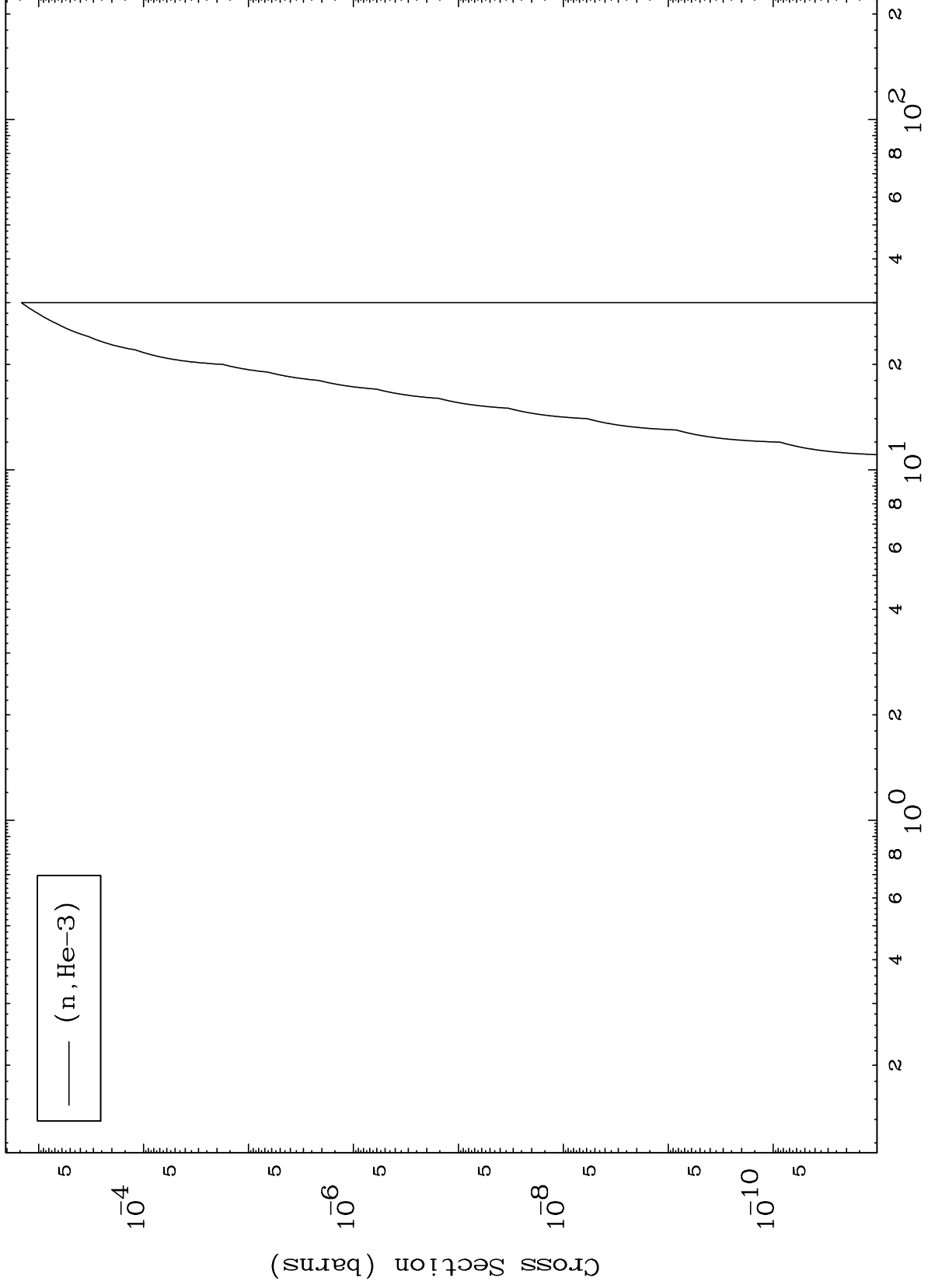
80-Hg-190

MAT 8007

(d,He3) Levels

80-Hg-190

0 Kelvin Cross Sections

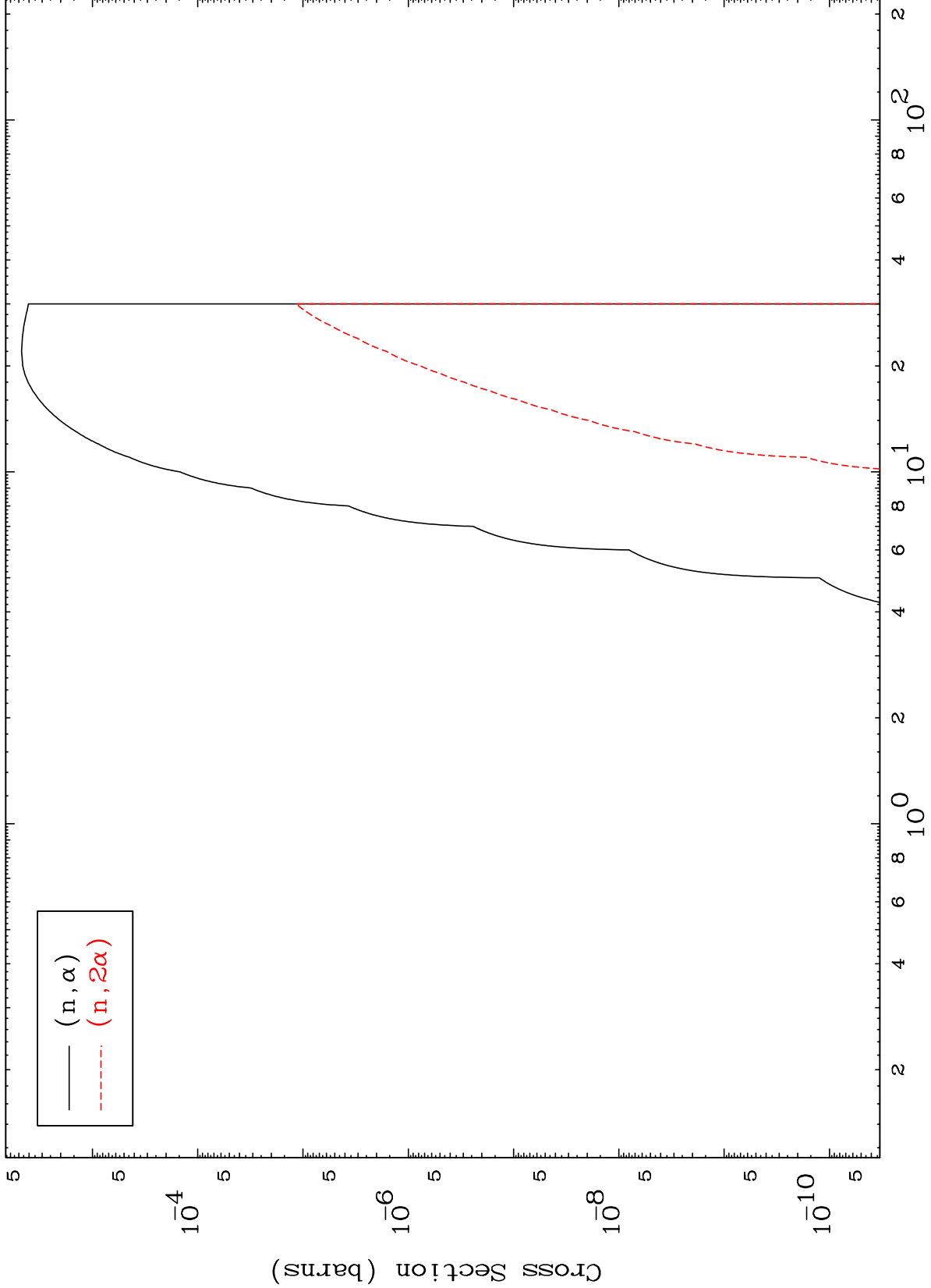


MAT 8007

(d,  $\alpha$ ) Levels

80-Hg-190

0 Kelvin Cross Sections

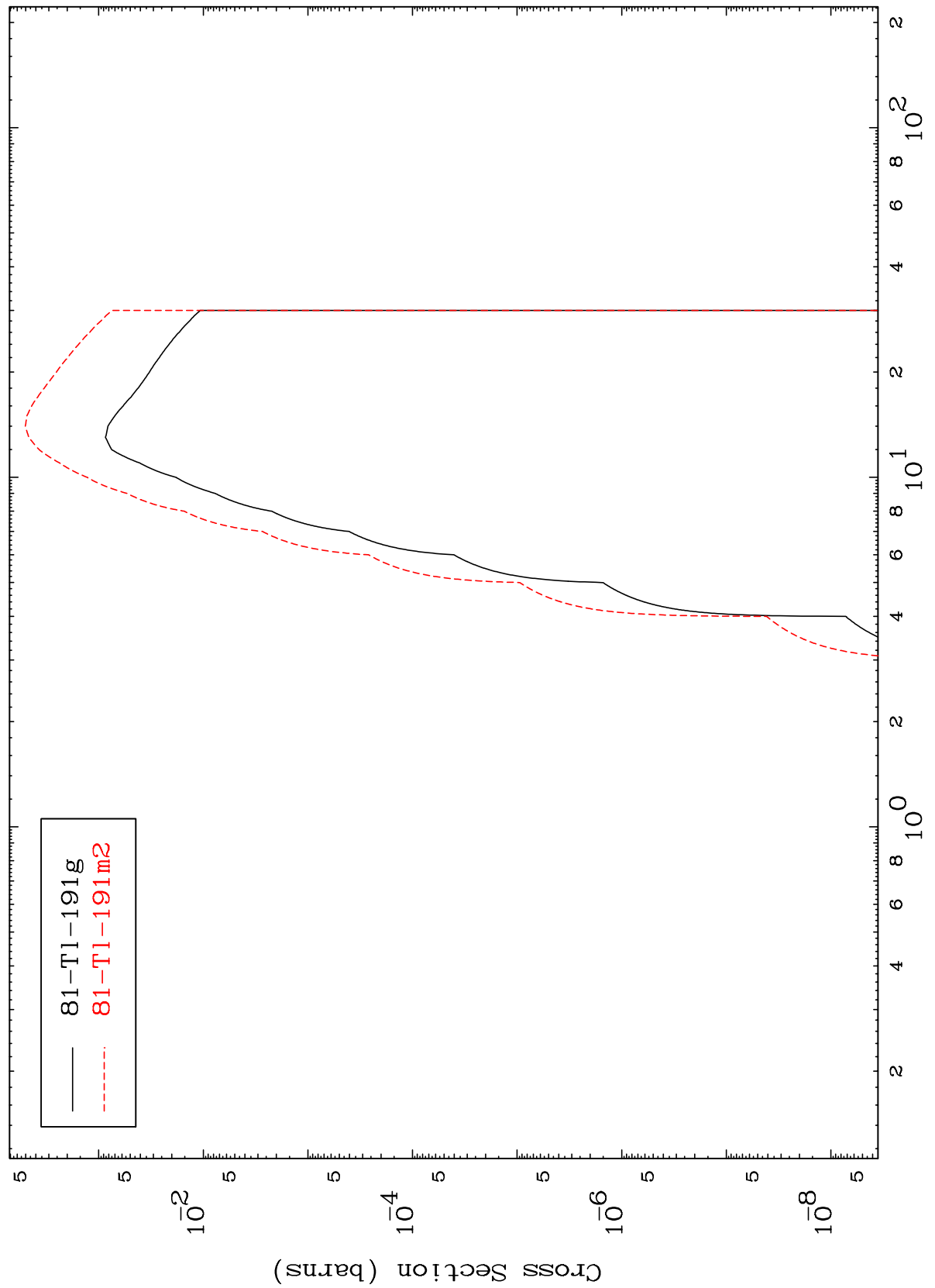


—  $(n, \alpha)$   
- - -  $(n, 2\alpha)$

MAT 8007

80-Hg-190

Inelastic  
Radionuclide Production Cross Section



81-Tl-191g  
81-Tl-191m2

80-Hg-190

Incident Energy (MeV)

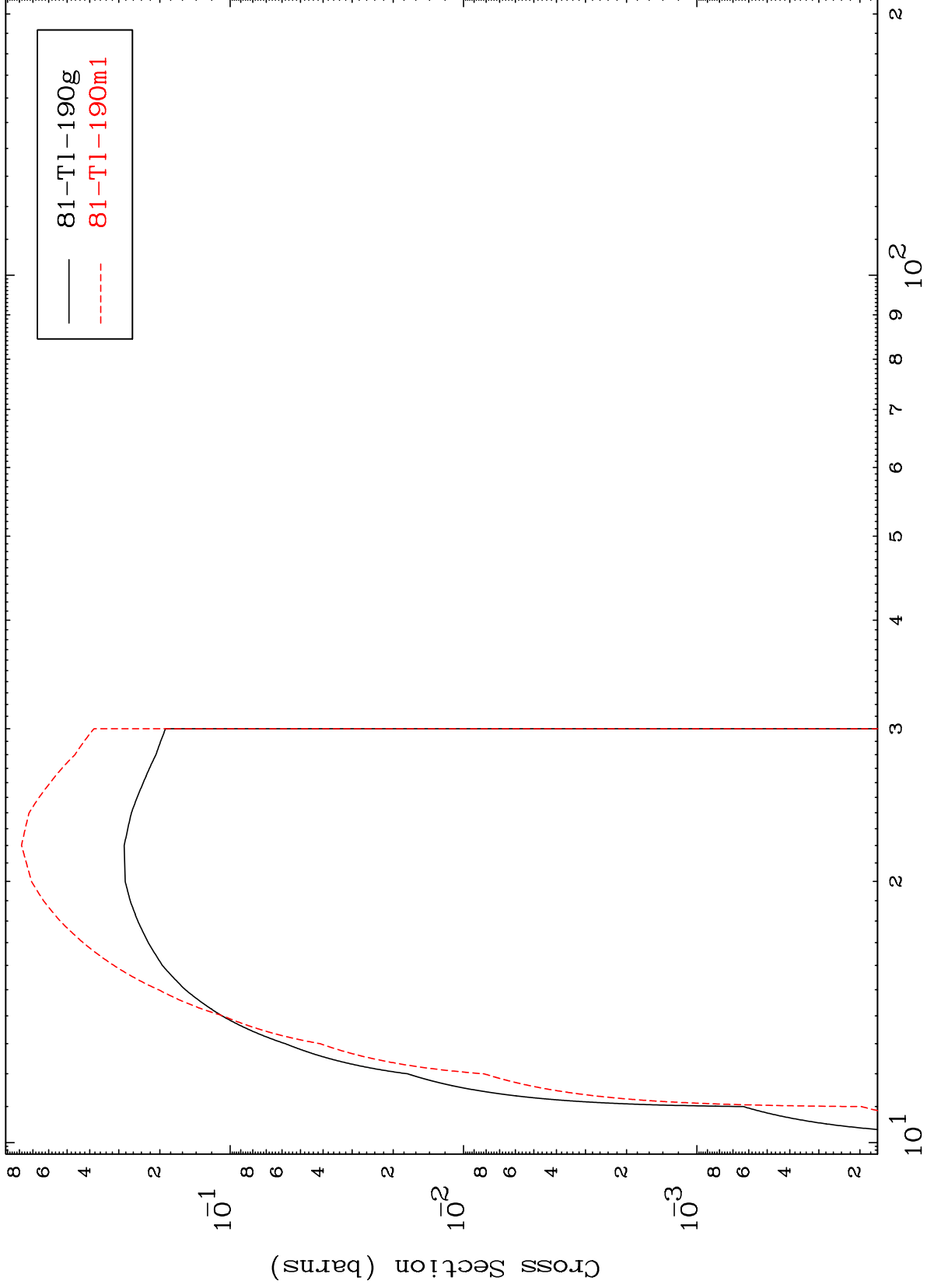
13

MAT 8007

(n,2n)

80-Hg-190

Radionuclide Production Cross Section



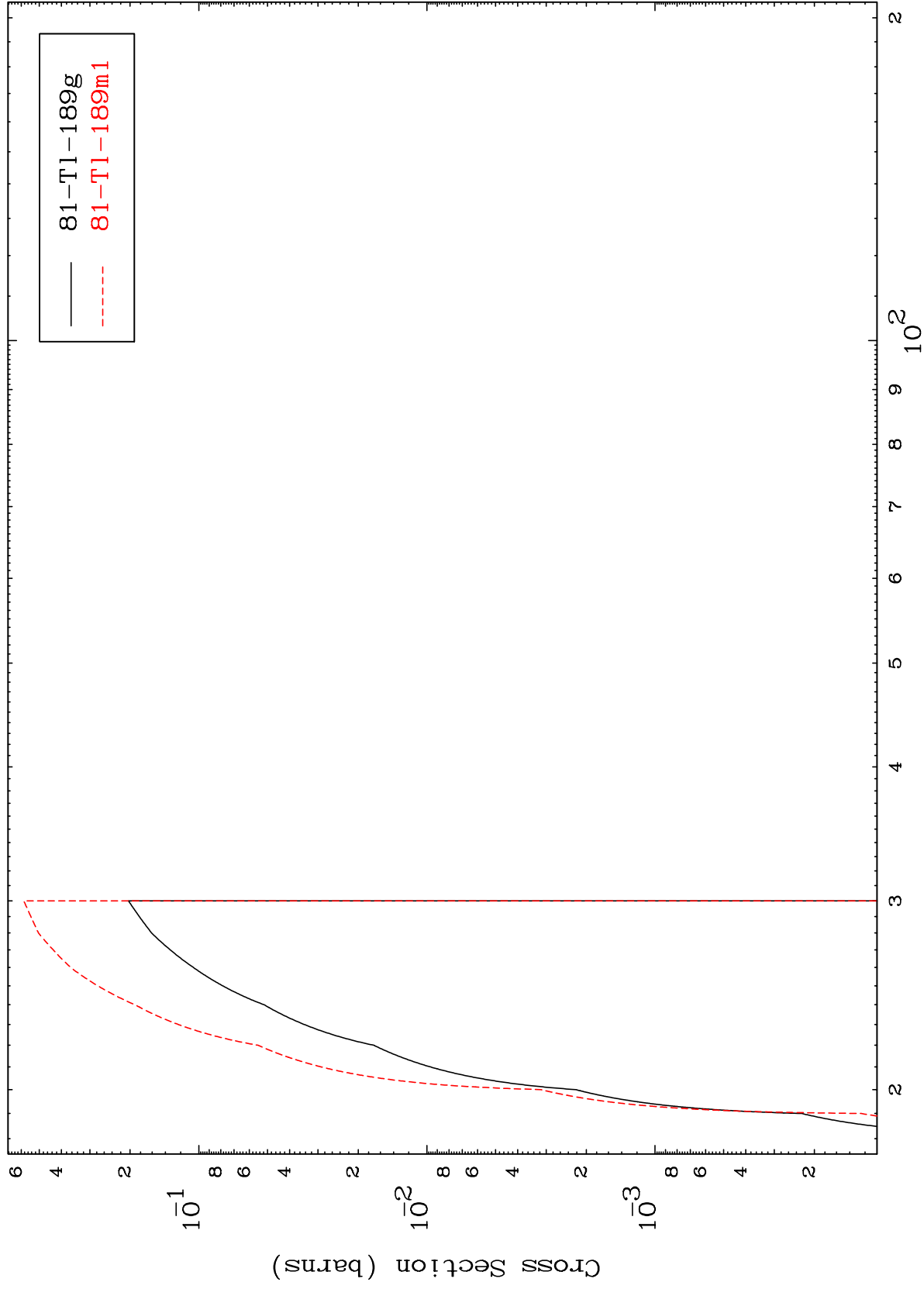
Incident Energy (MeV)

80-Hg-190

MAT 8007

80-Hg-190

(n,3n)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

80-Hg-190

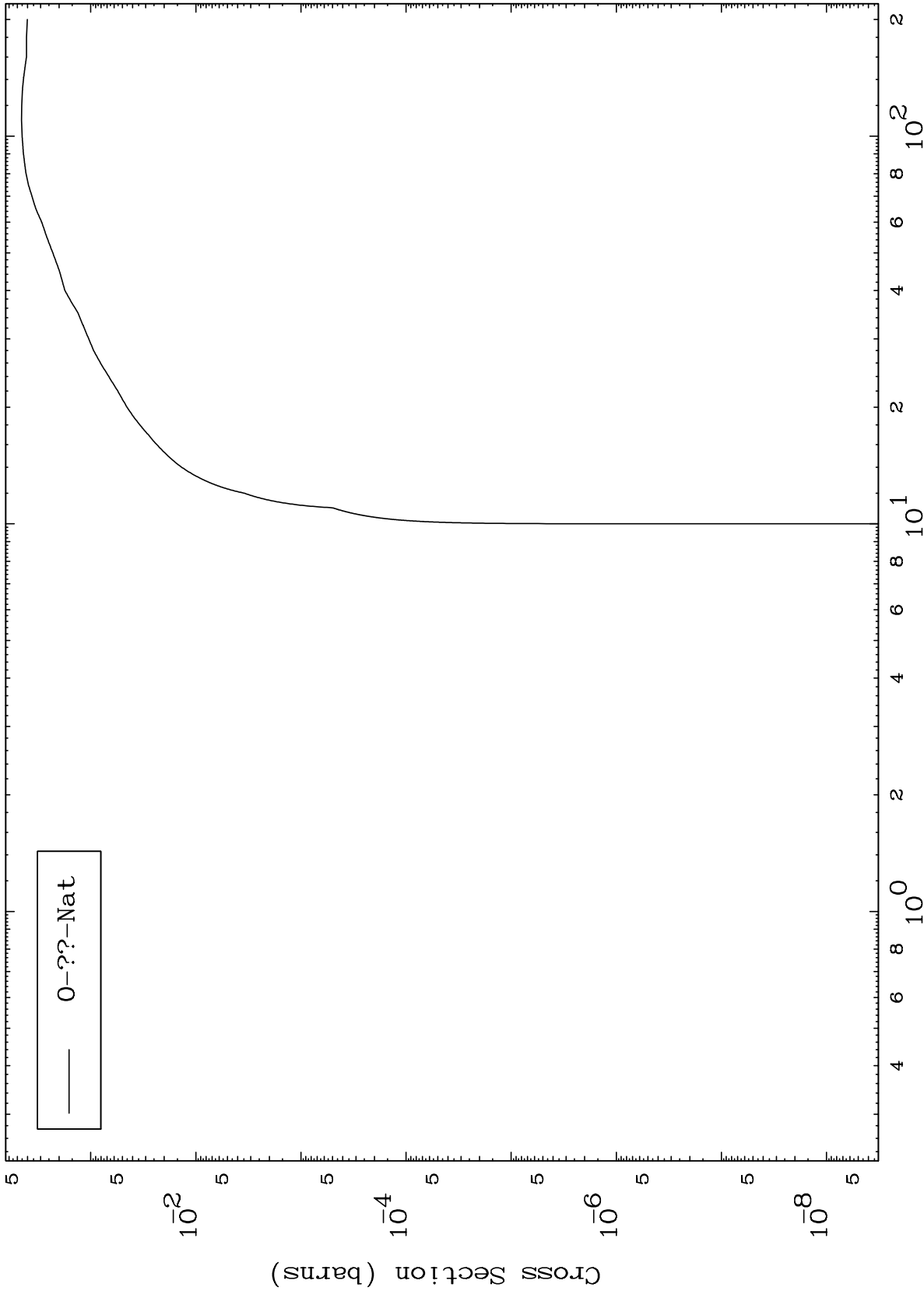


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Fission

80-Hg-190

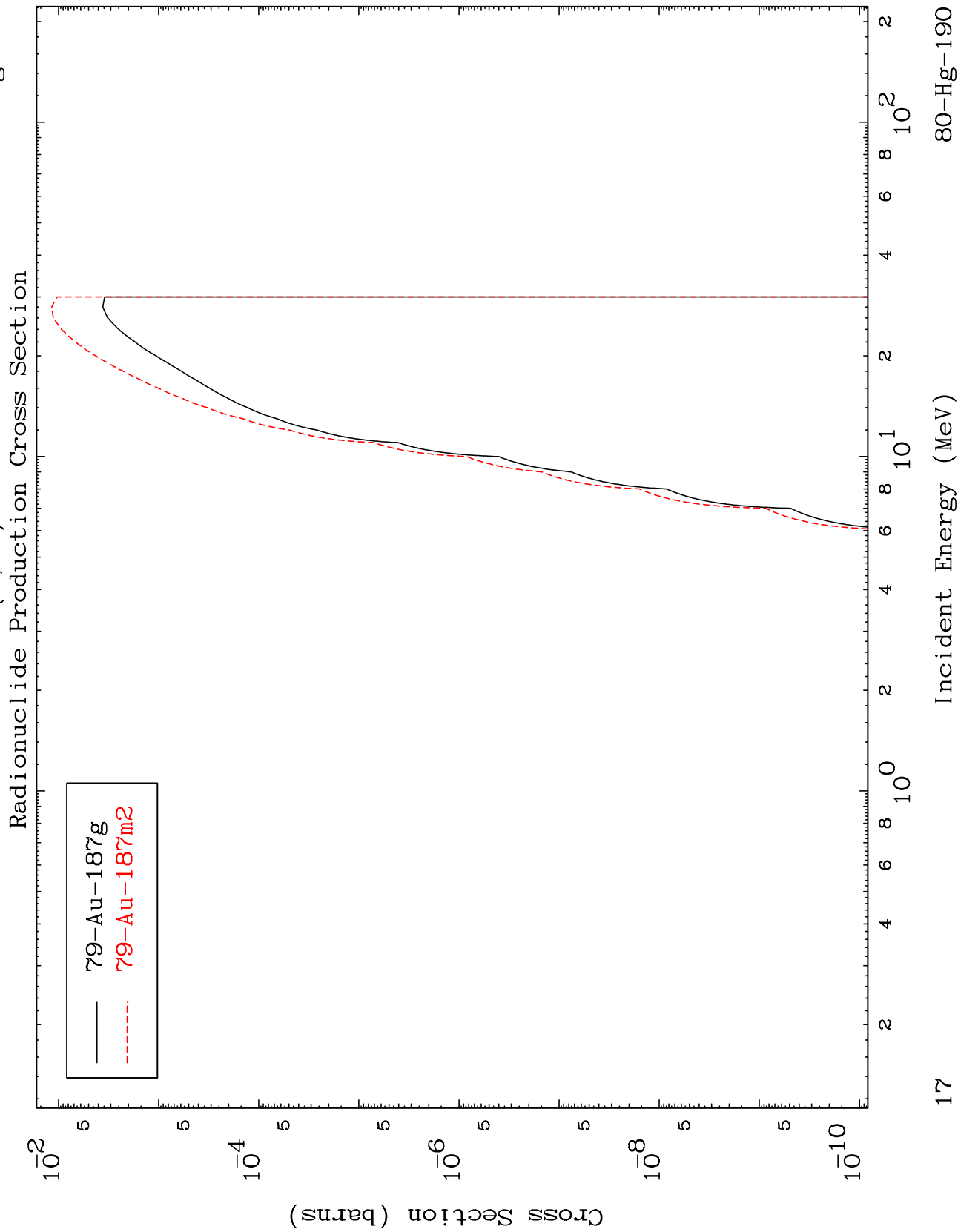
Radionuclide Production Cross Section



MAT 8007

$(n, n') \alpha$

80-Hg-190



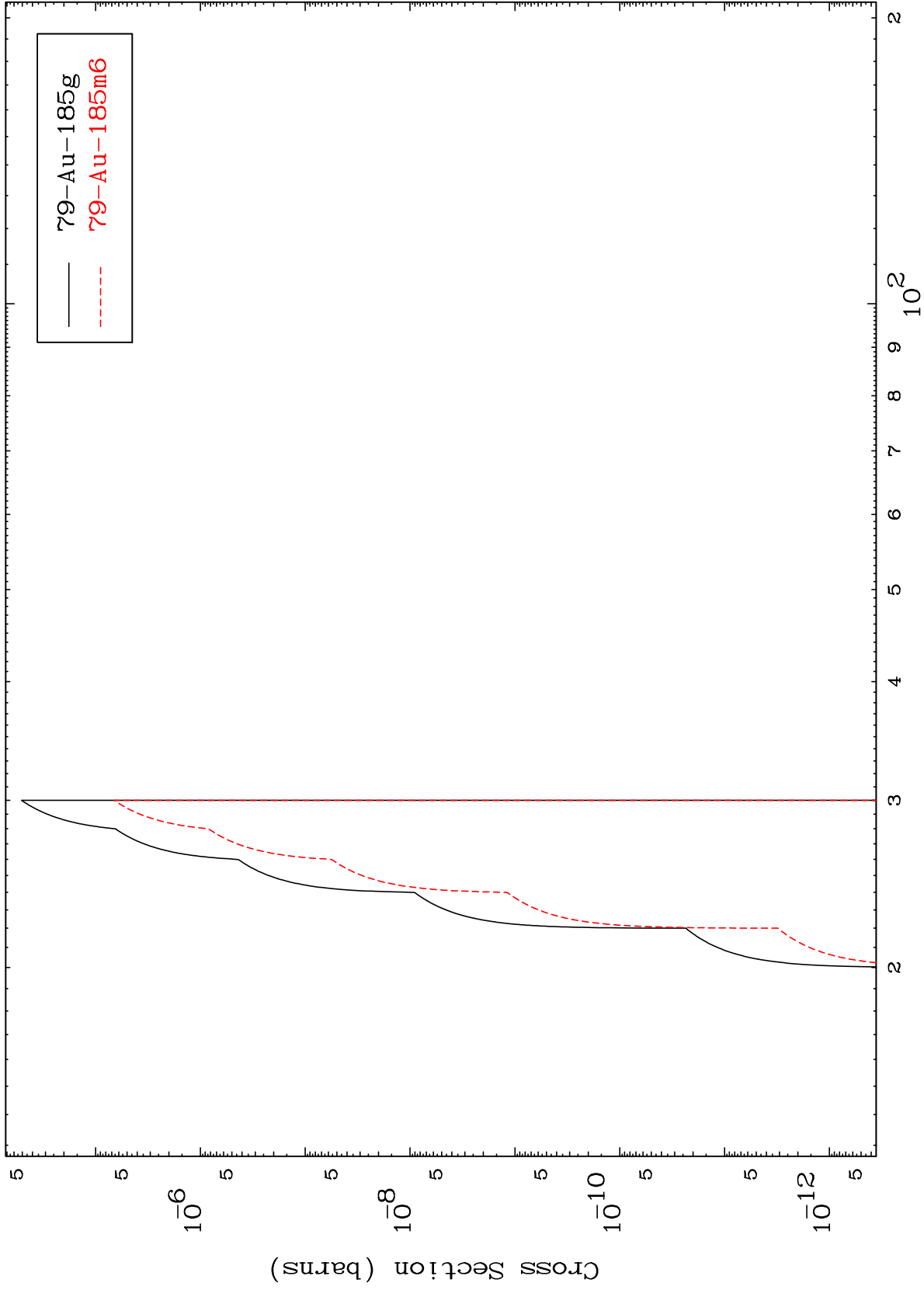
—  $^{79}\text{Au-187g}$   
- - -  $^{79}\text{Au-187m2}$

MAT 8007

(n,3n)  $\alpha$

80-Hg-190

Radionuclide Production Cross Section



18

Incident Energy (MeV)

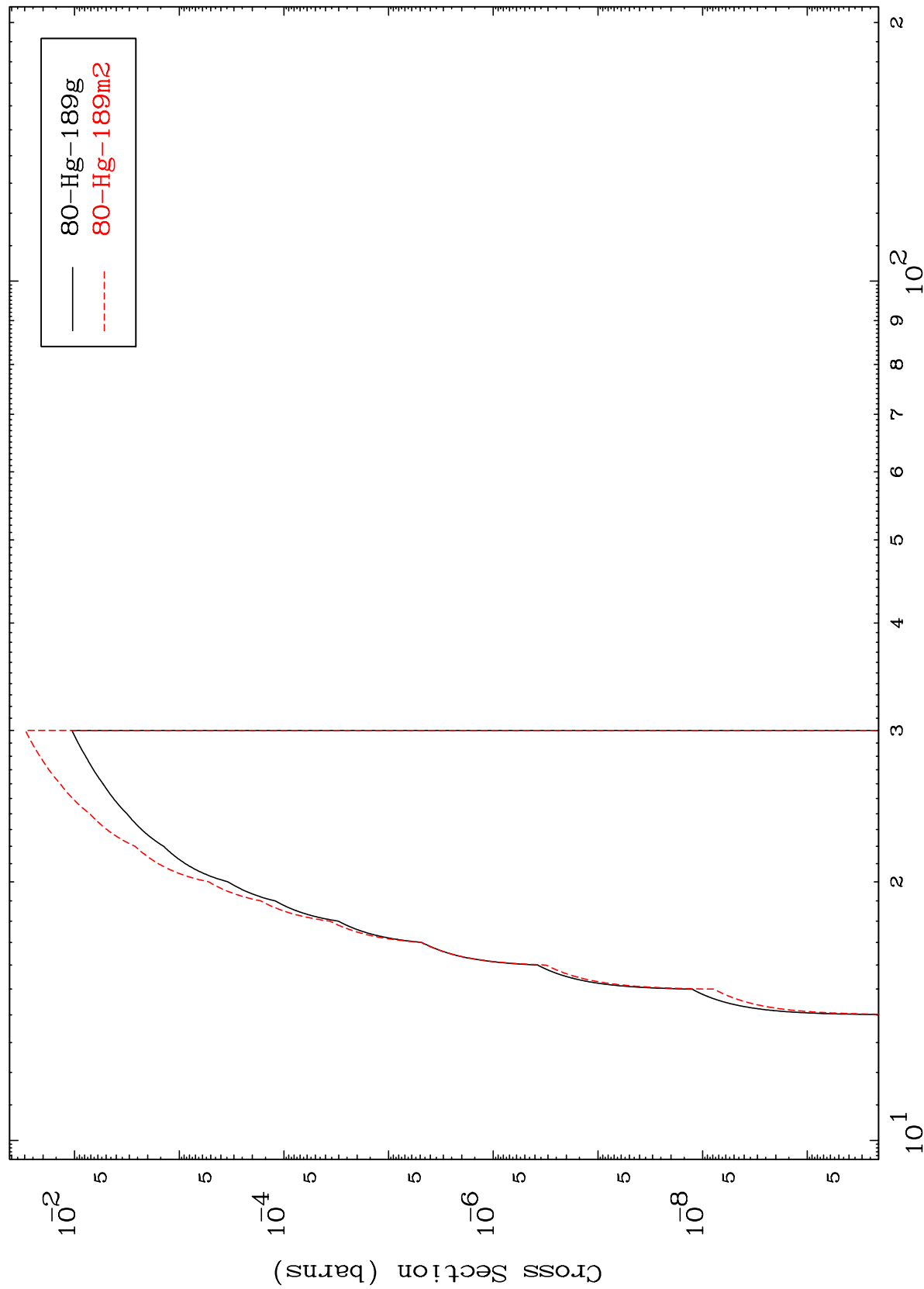
80-Hg-190

MAT 8007

(n,n') d

80-Hg-190

Radionuclide Production Cross Section



Incident Energy (MeV)

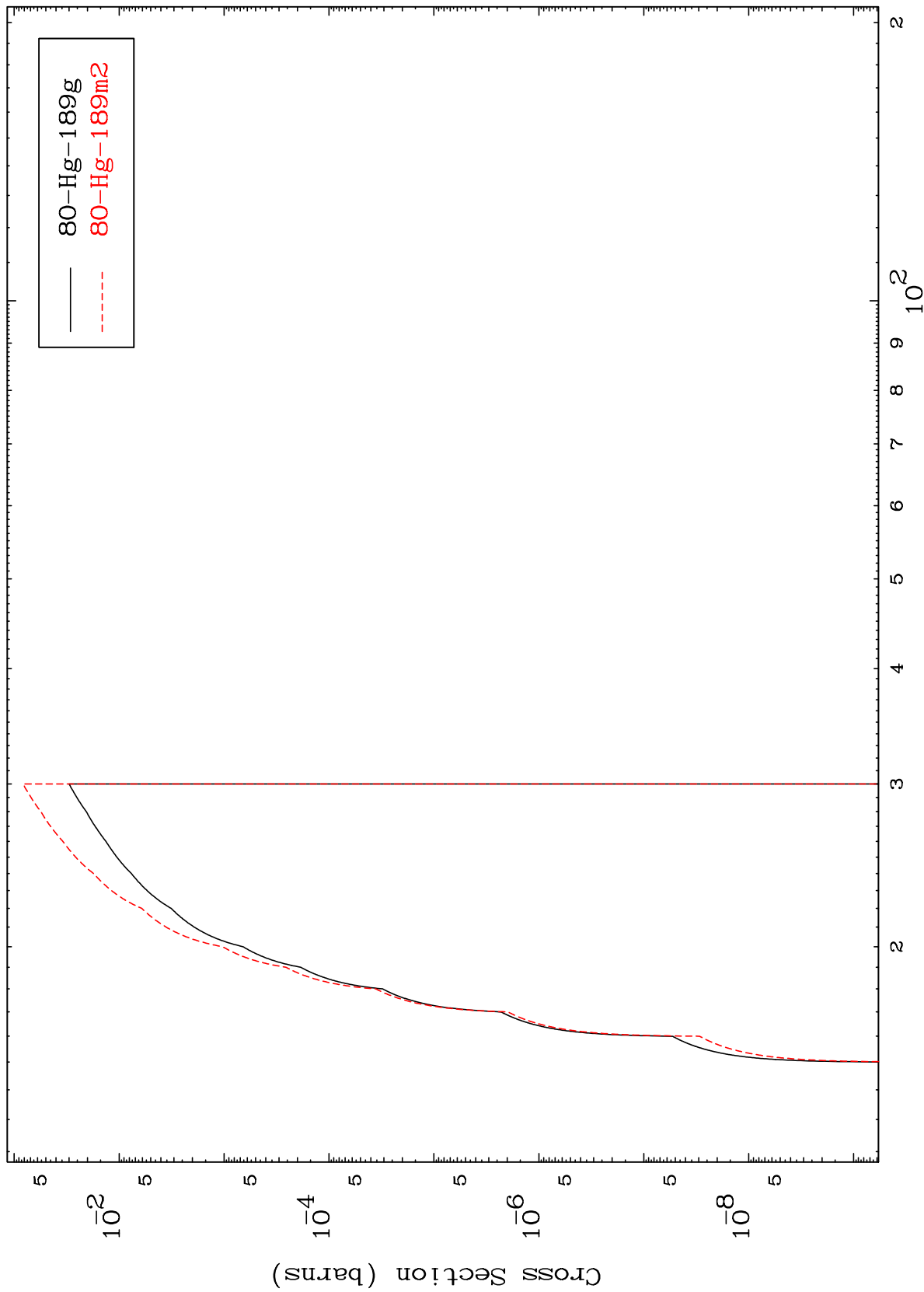
80-Hg-190

MAT 8007

80-Hg-190

(n,2n) p

Radionuclide Production Cross Section



20

Incident Energy (MeV)

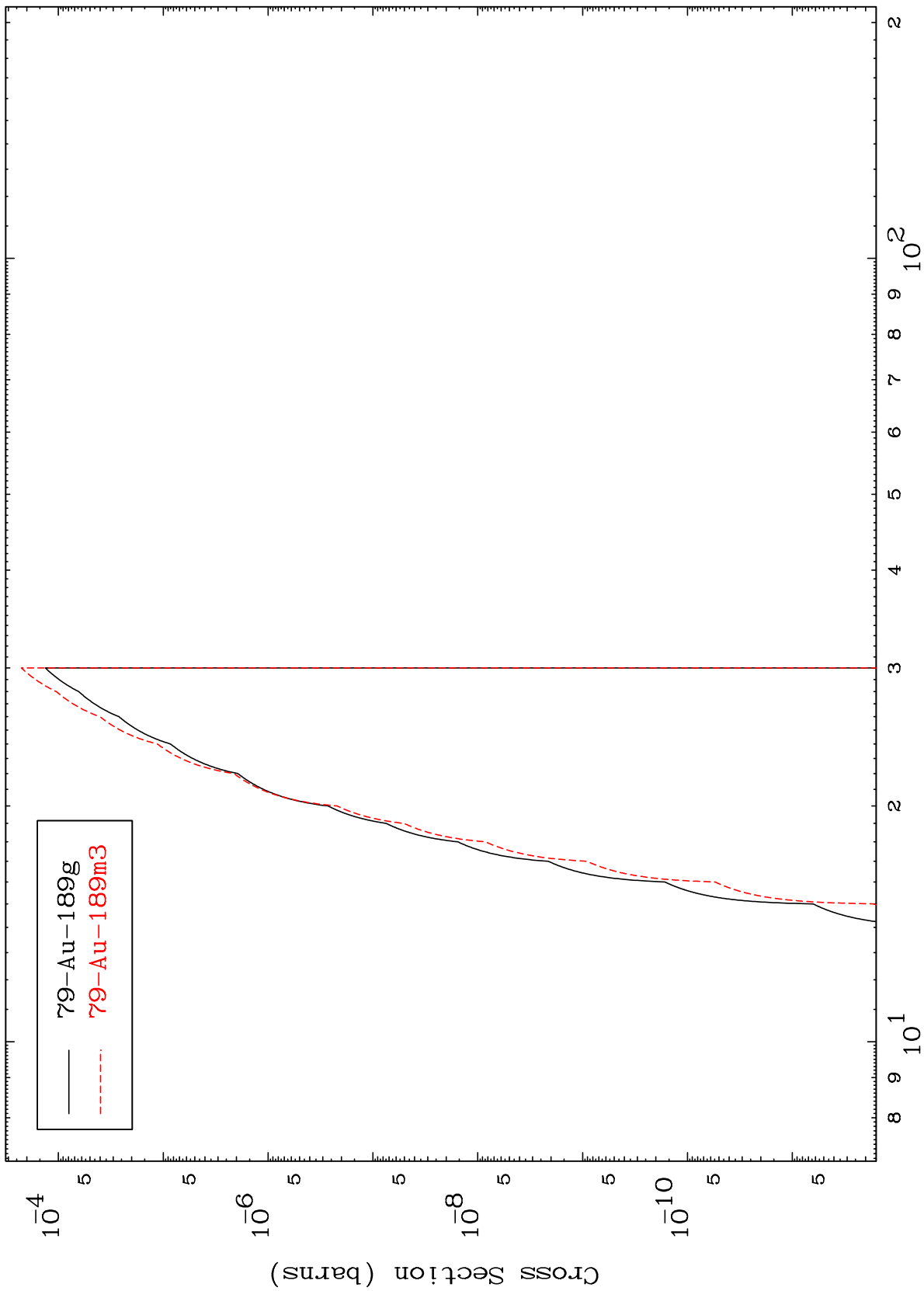
80-Hg-190

MAT 8007

(n,2n) p

80-Hg-190

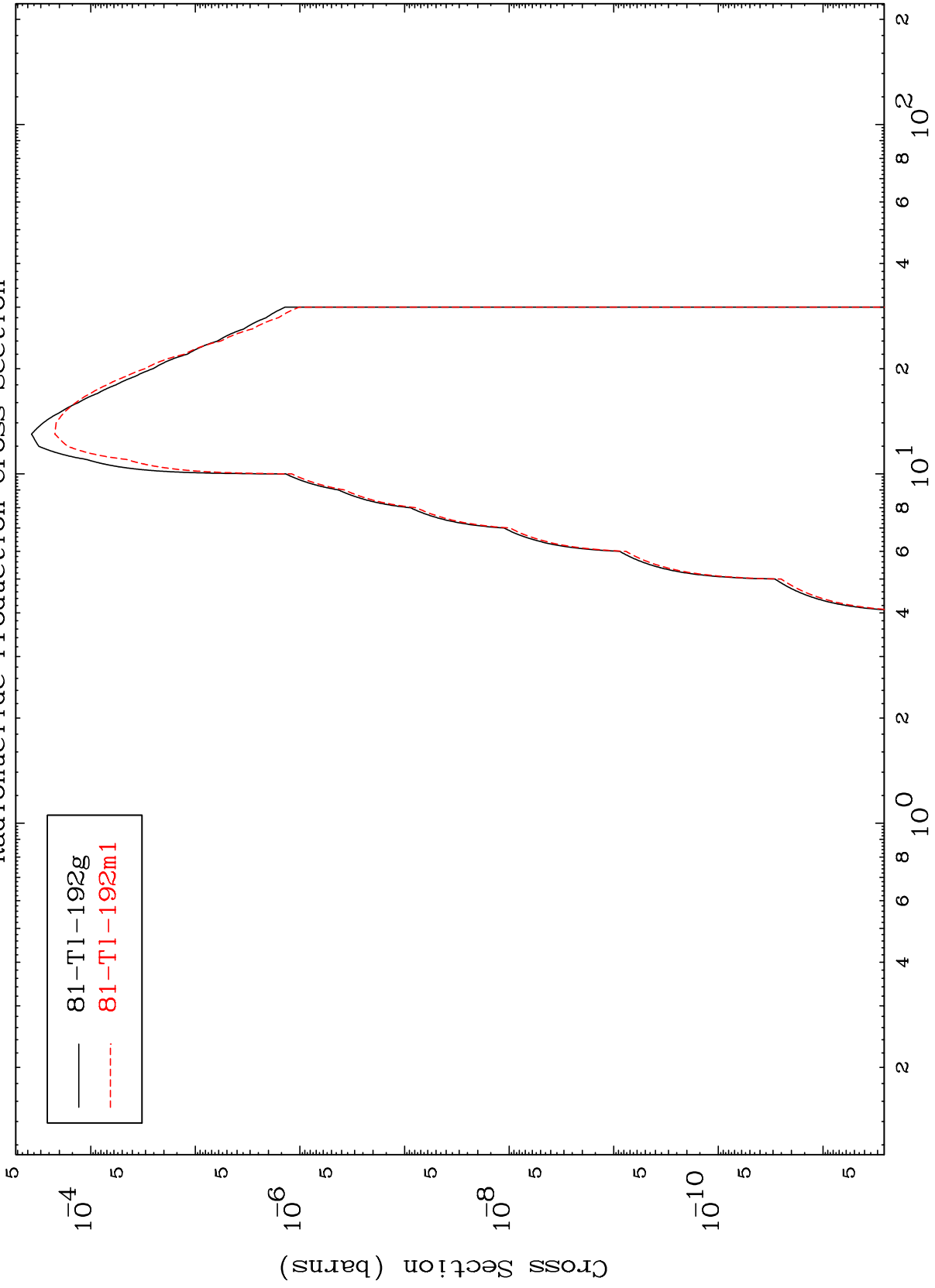
Radionuclide Production Cross Section



MAT 8007

80-Hg-190

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



— 81-Tl-192g  
- - - 81-Tl-192m1

80-Hg-190

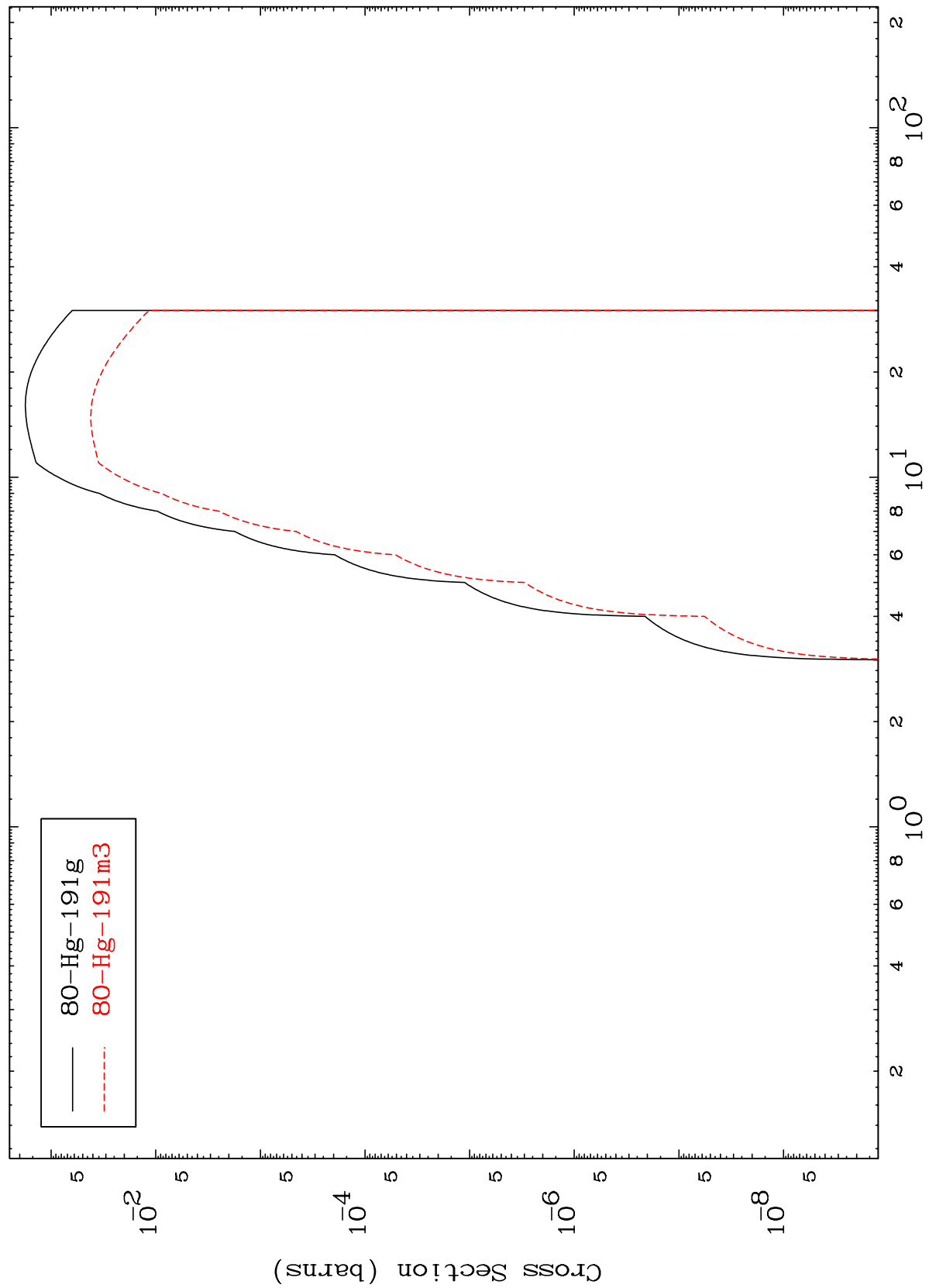
Incident Energy (MeV)

22

MAT 8007

80-Hg-190

(n,p)  
Radionuclide Production Cross Section



80-Hg-191g  
80-Hg-191m3

80-Hg-190

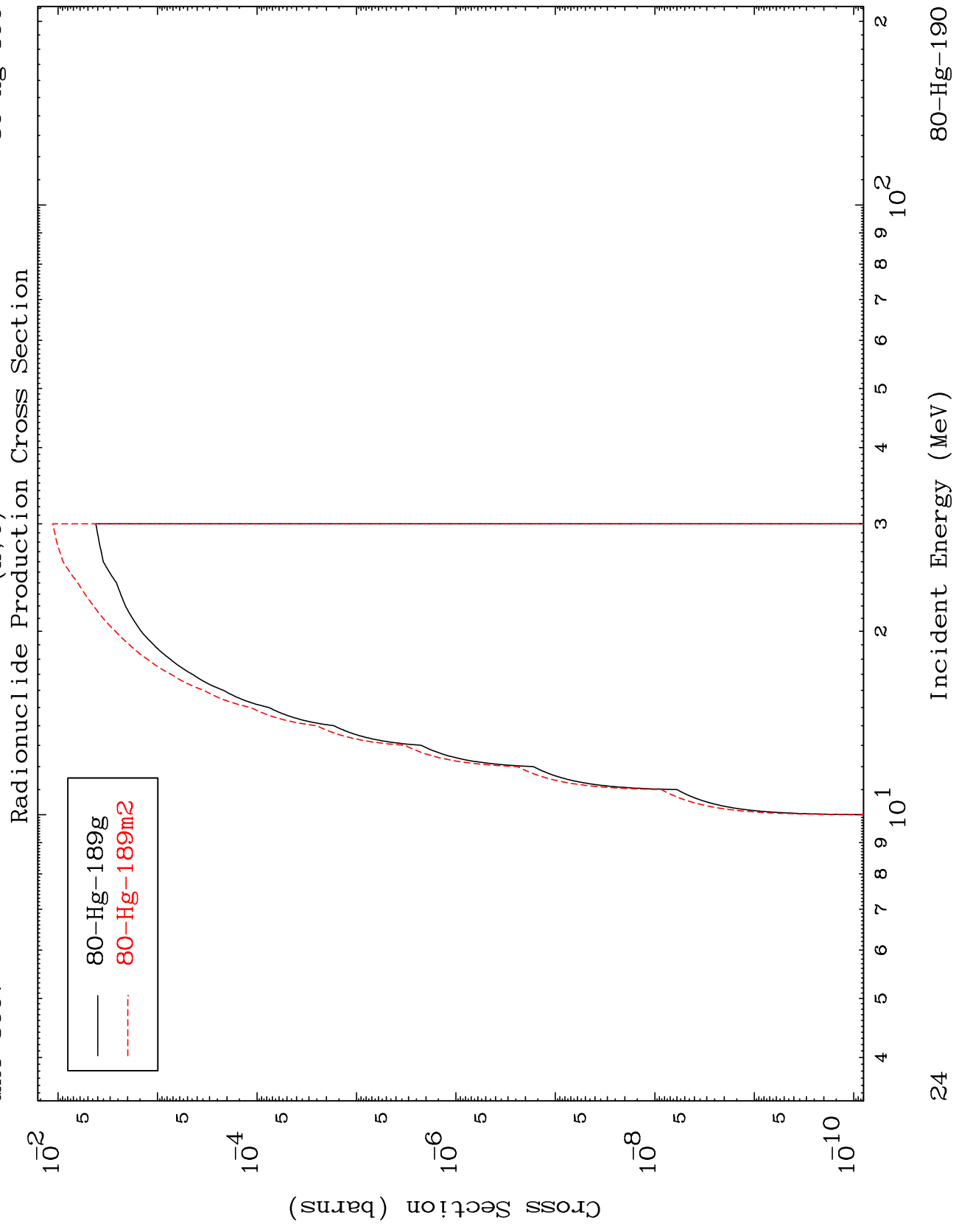
Incident Energy (MeV)

23



MAT 8007

80-Hg-190

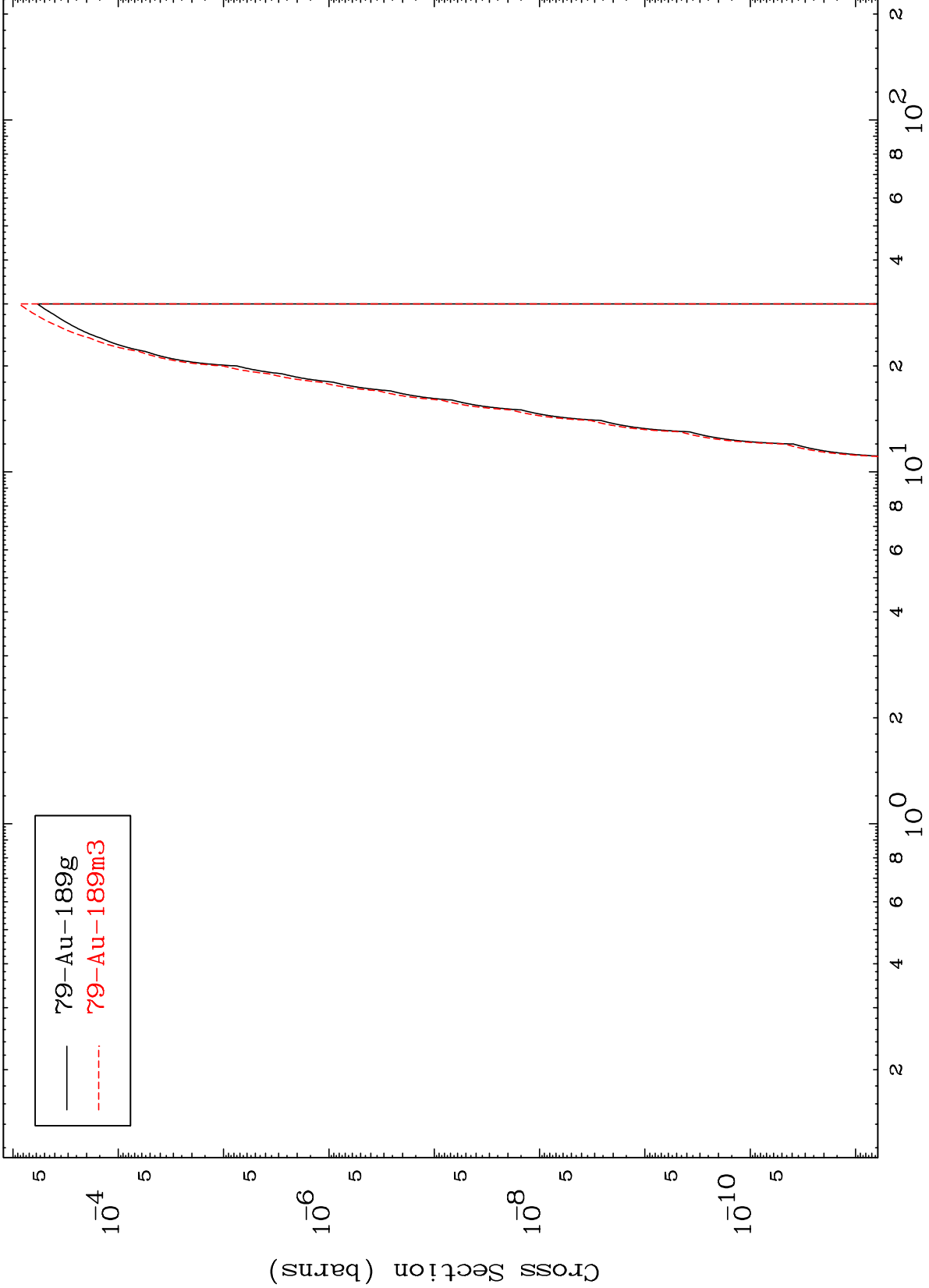
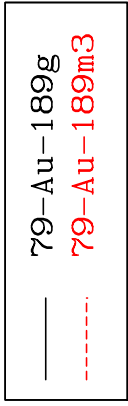


MAT 8007

(n,He-3)

80-Hg-190

Radionuclide Production Cross Section

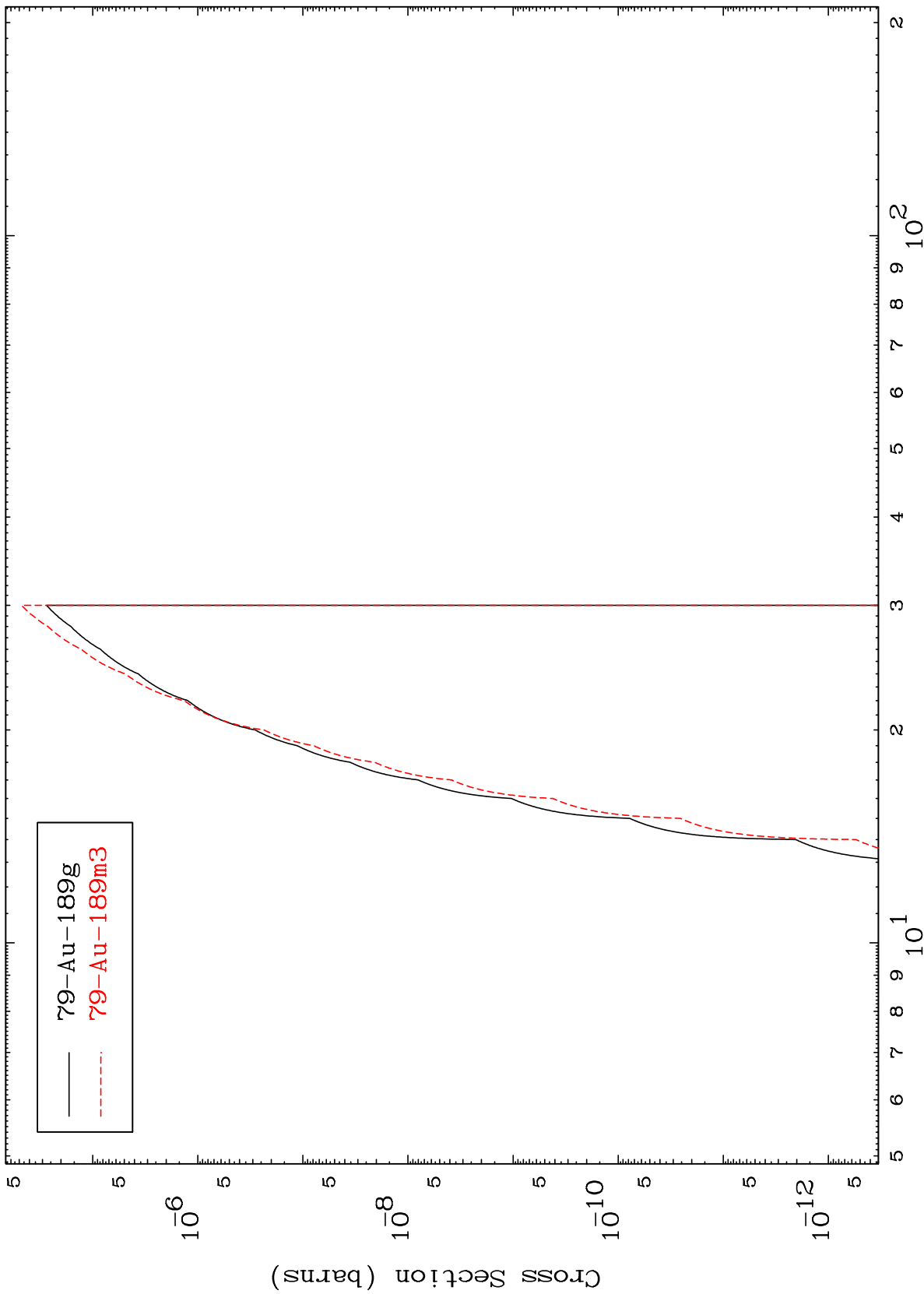


MAT 8007

(n,p) d

80-Hg-190

Radionuclide Production Cross Section



26

Incident Energy (MeV)

80-Hg-190