

Program EVALPLOT  
(Version 2018-1)

by

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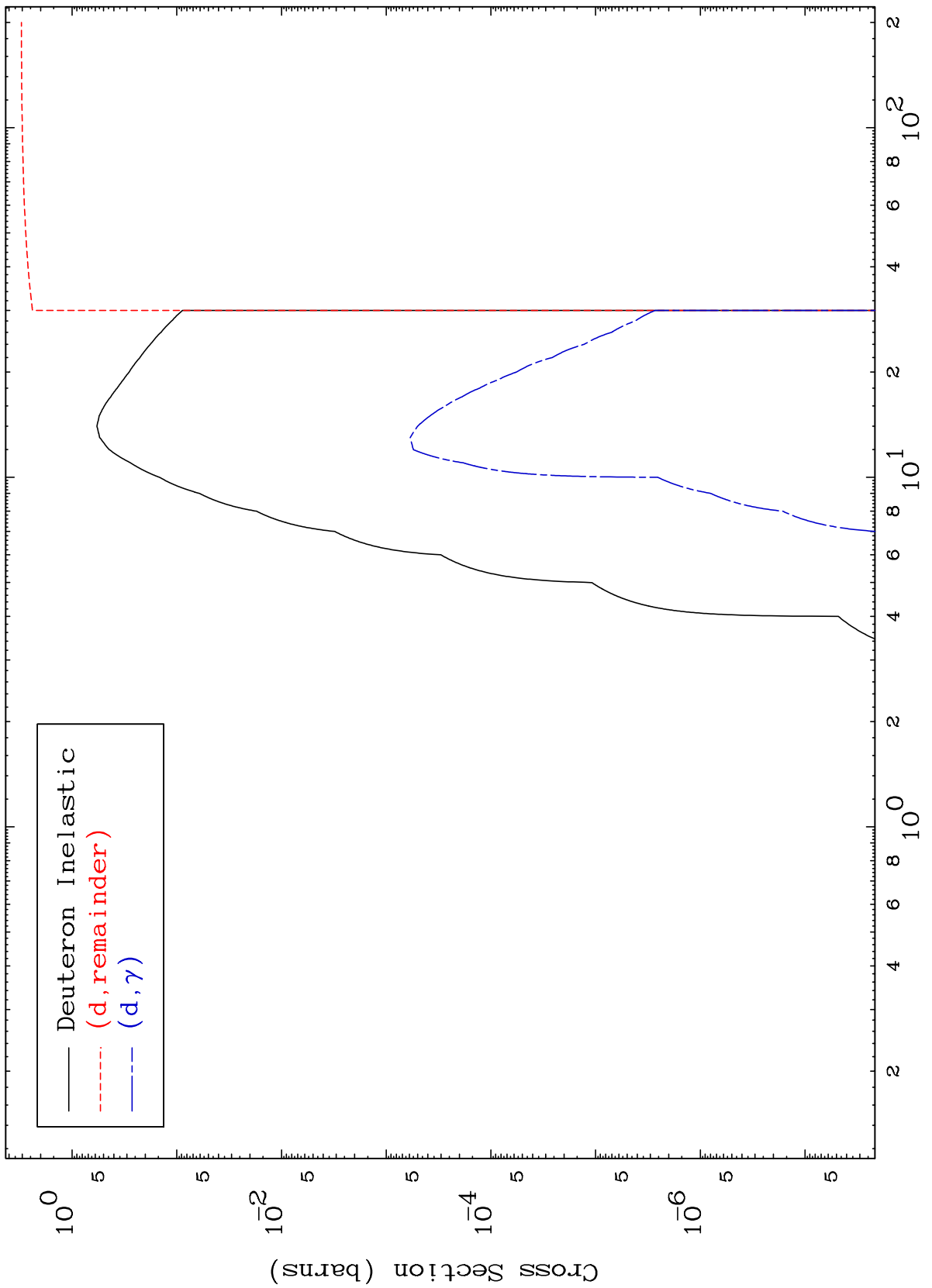
Press Mouse Button to Start

MAT 8007

Deuteron Major

80-Hg-190

0 Kelvin Cross Sections

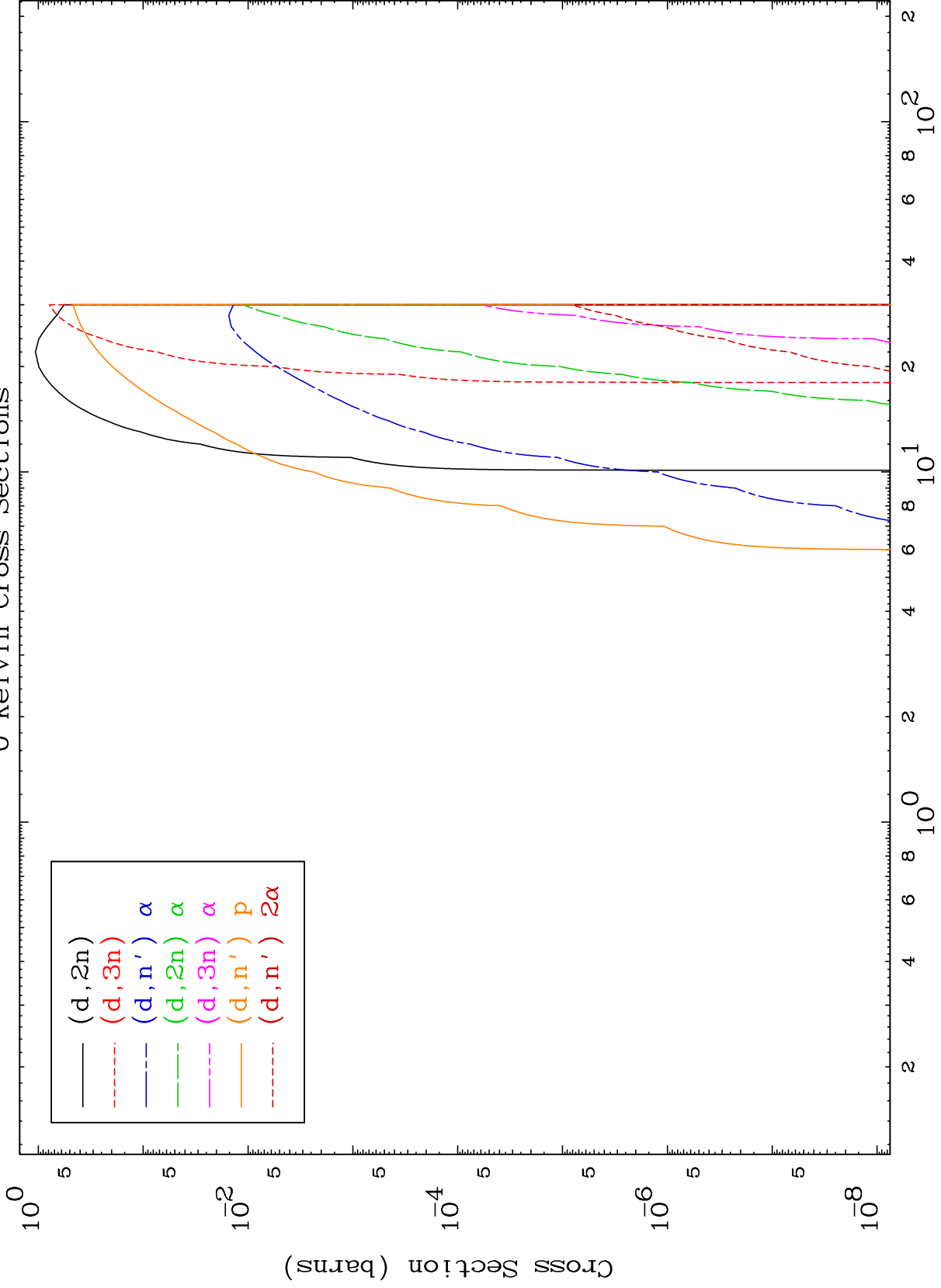


— Deuteron Inelastic  
- - - (d, remainder)  
- - - (d, γ)

MAT 8007

Deuteron Neutron Production  
0 Kelvin Cross Sections

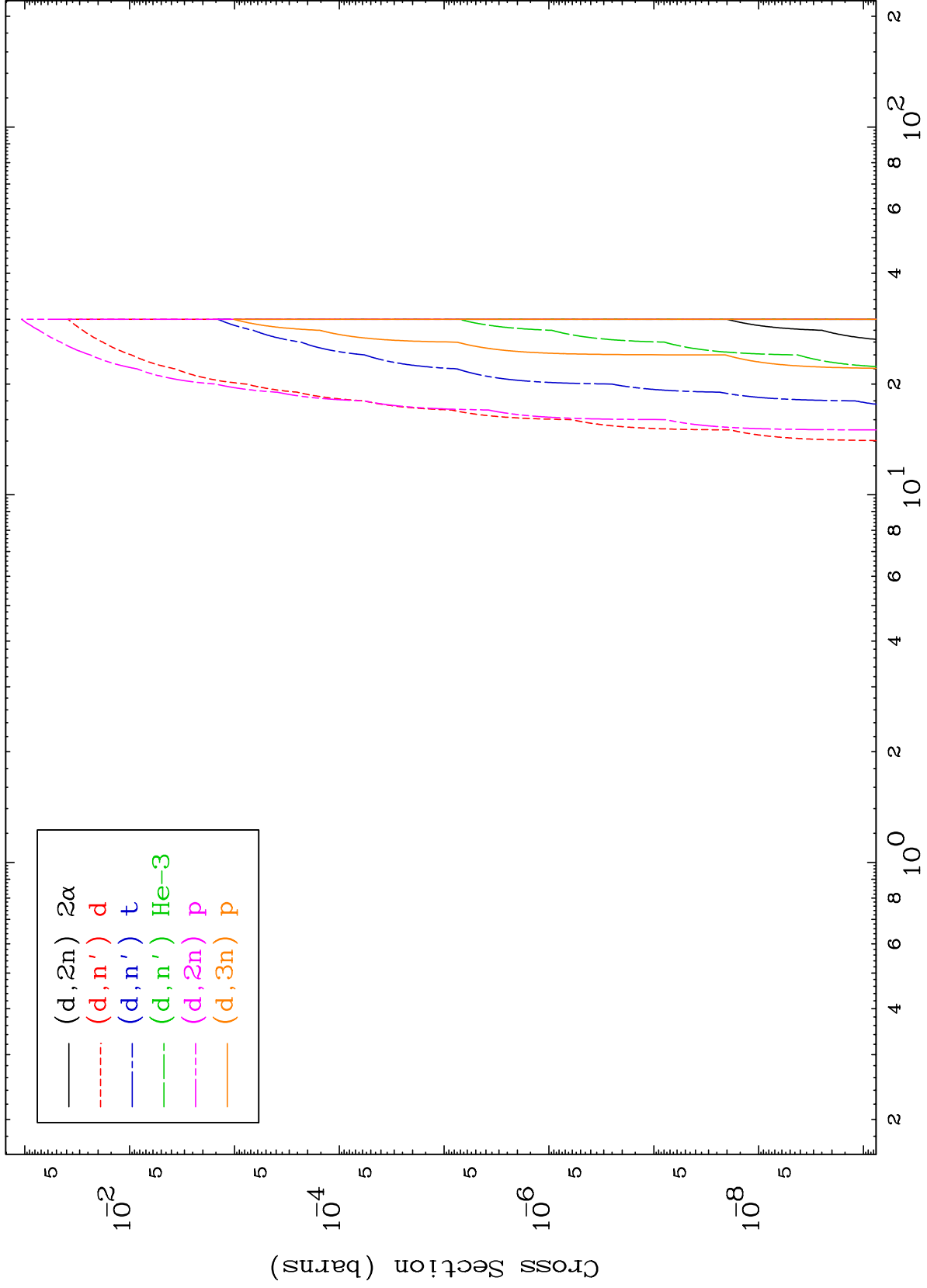
80-Hg-190



MAT 8007

Deuteron Neutron Production  
0 Kelvin Cross Sections

80-Hg-190



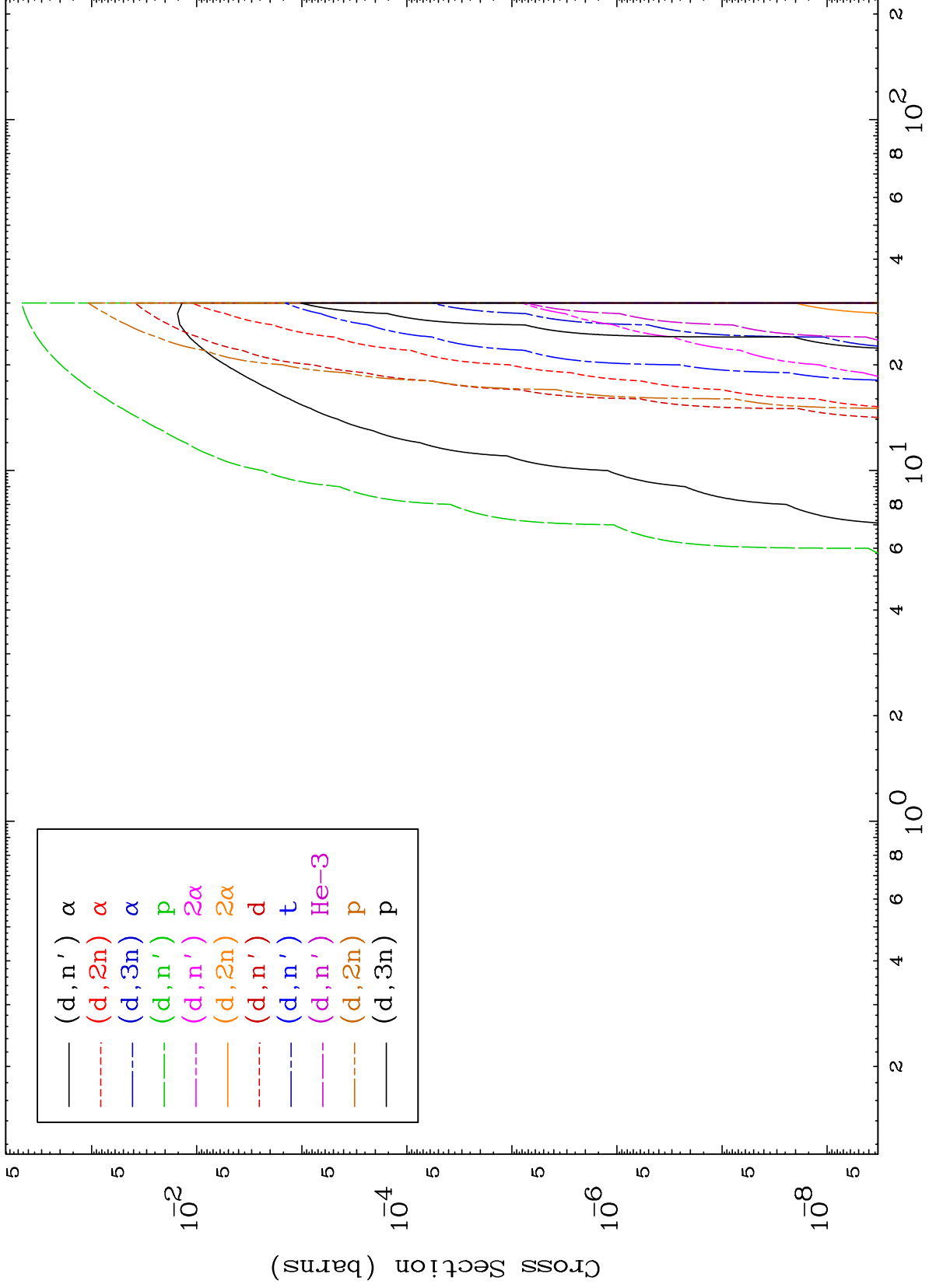
Incident Energy (MeV)

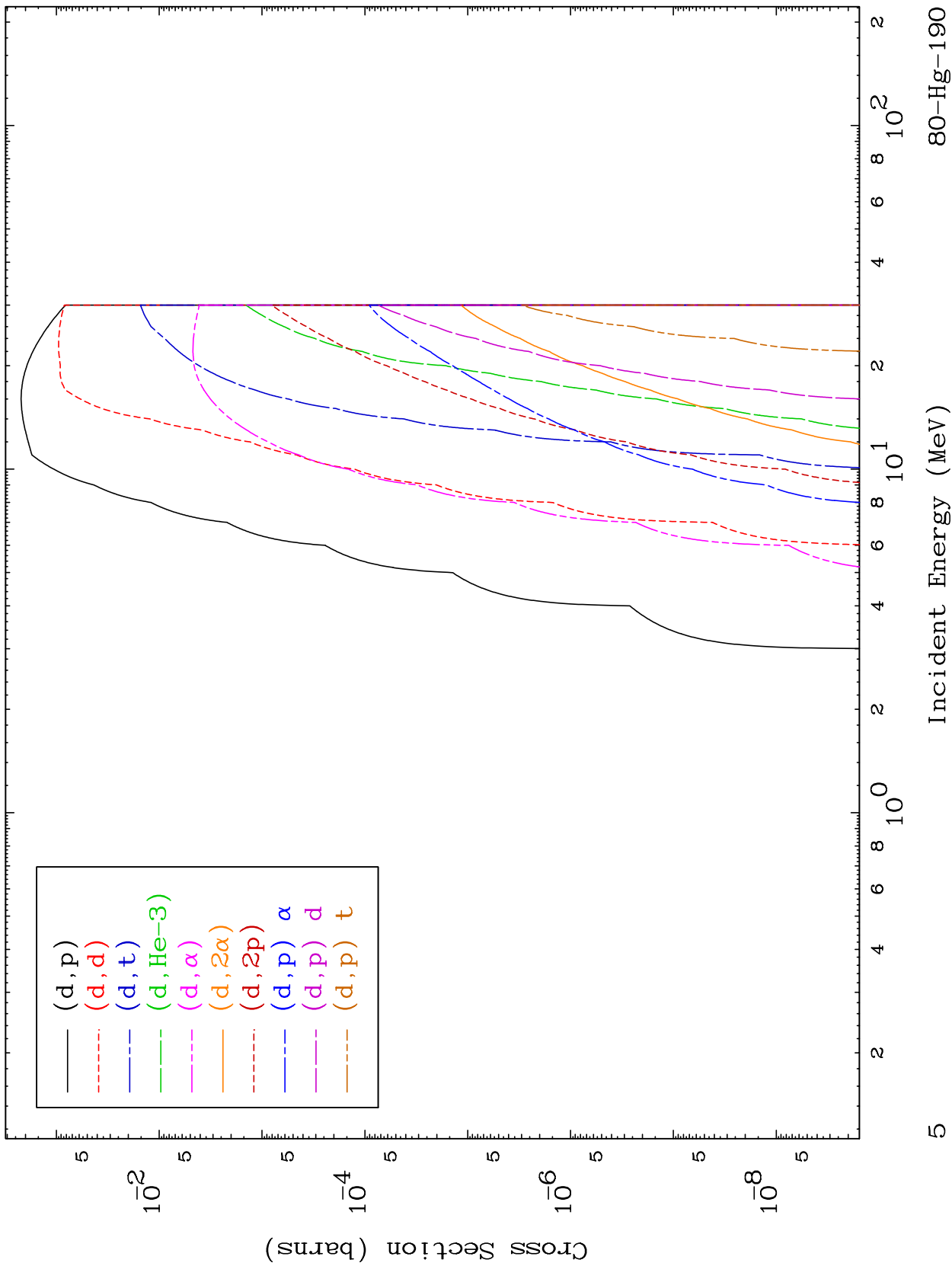
80-Hg-190

MAT 8007

Deuteron Charged Particle  
0 Kelvin Cross Sections

80-Hg-190



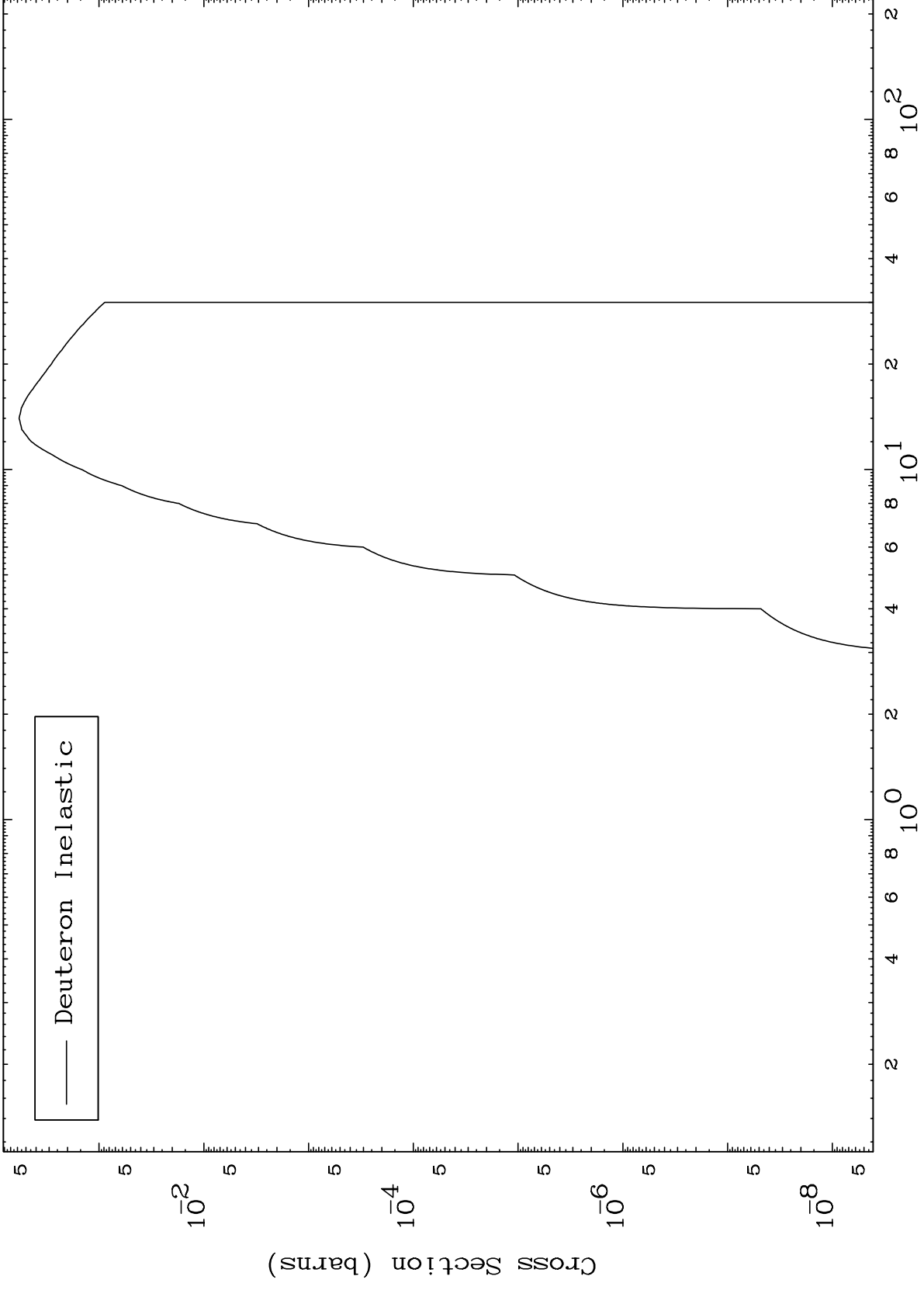


MAT 8007

(d,n') Level

80-Hg-190

0 Kelvin Cross Sections



6

Incident Energy (MeV)

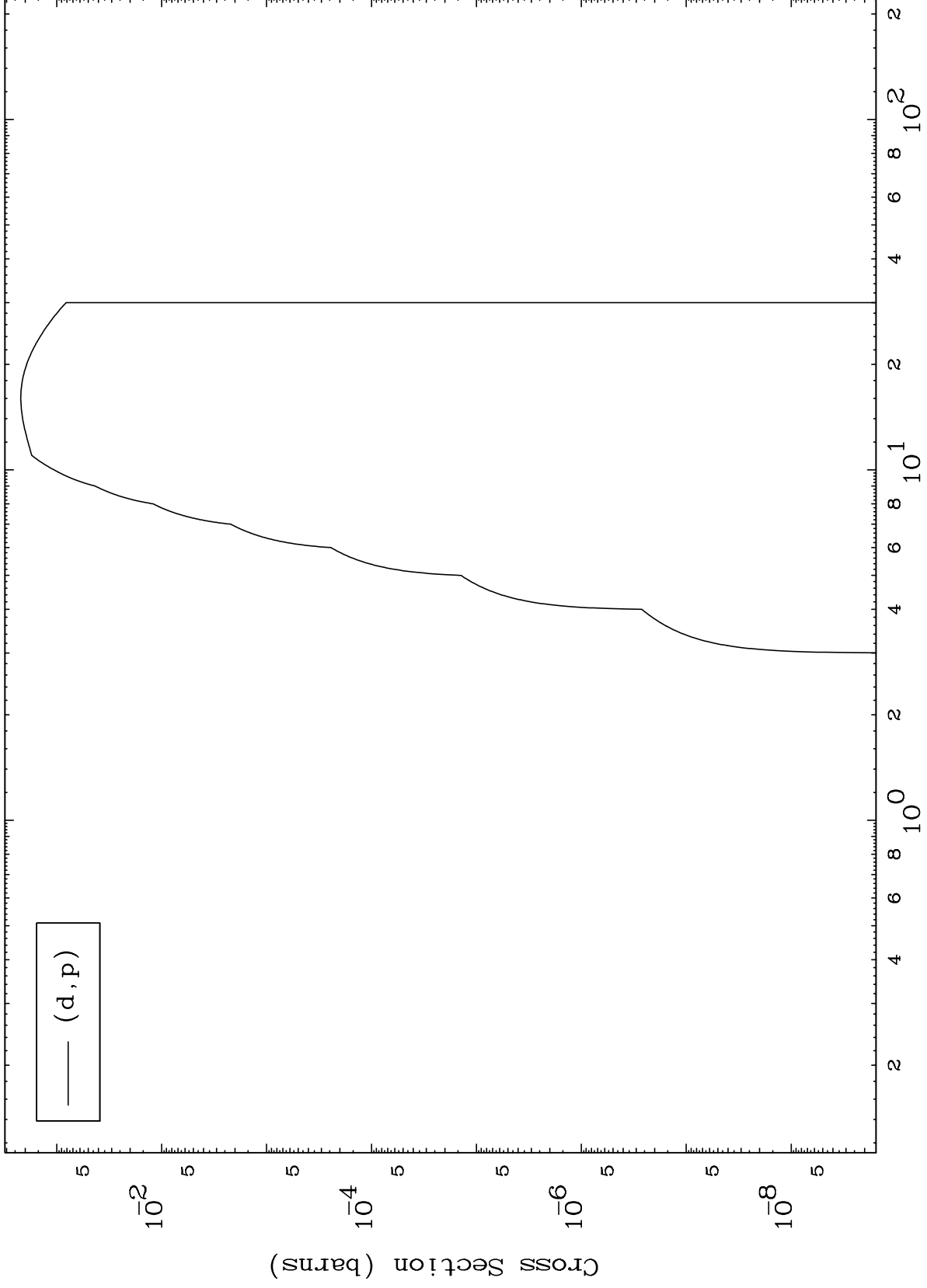
80-Hg-190

MAT 8007

(d,p) Levels

80-Hg-190

0 Kelvin Cross Sections

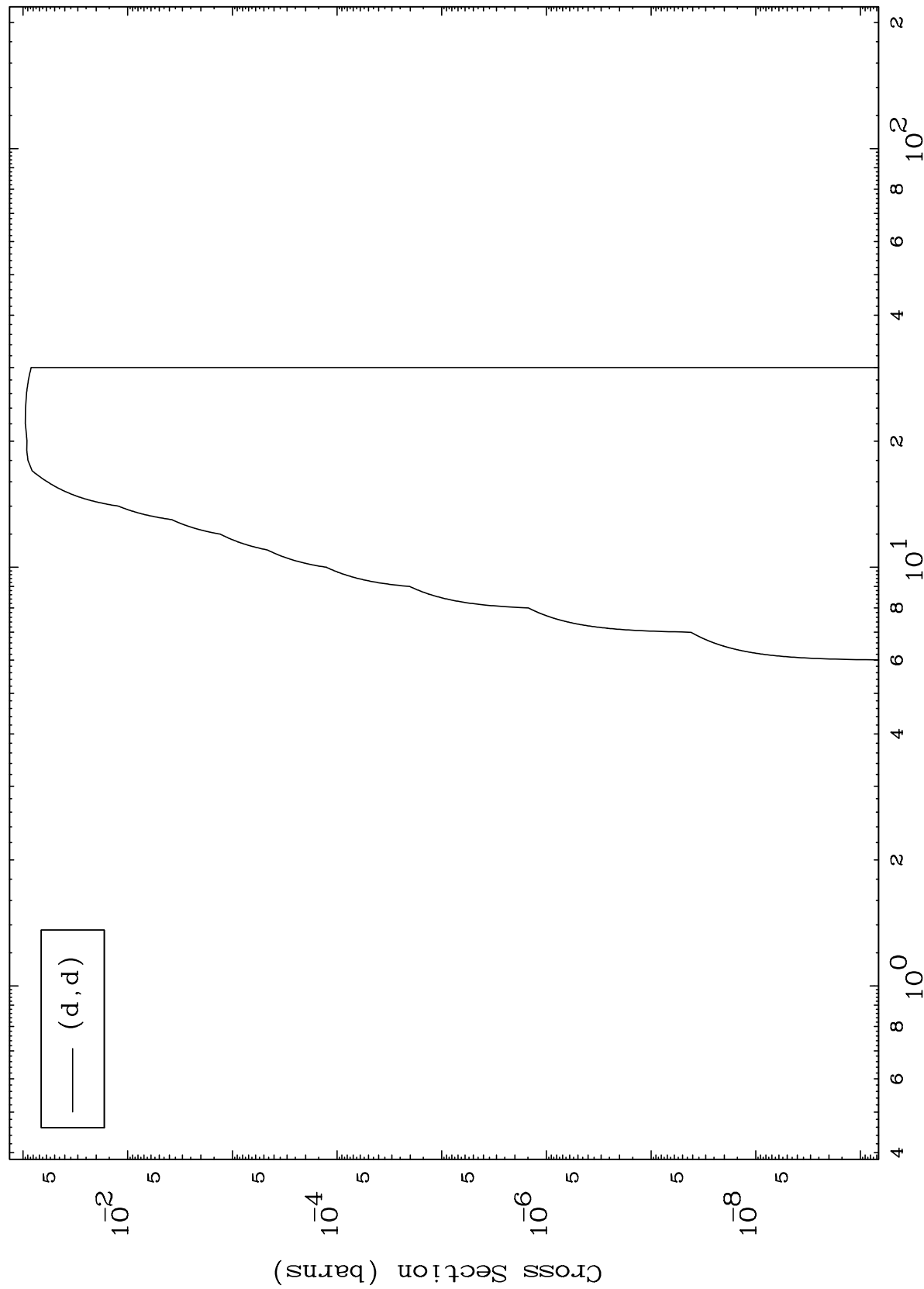




MAT 8007

80-Hg-190

(d,d) Levels  
0 Kelvin Cross Sections



8

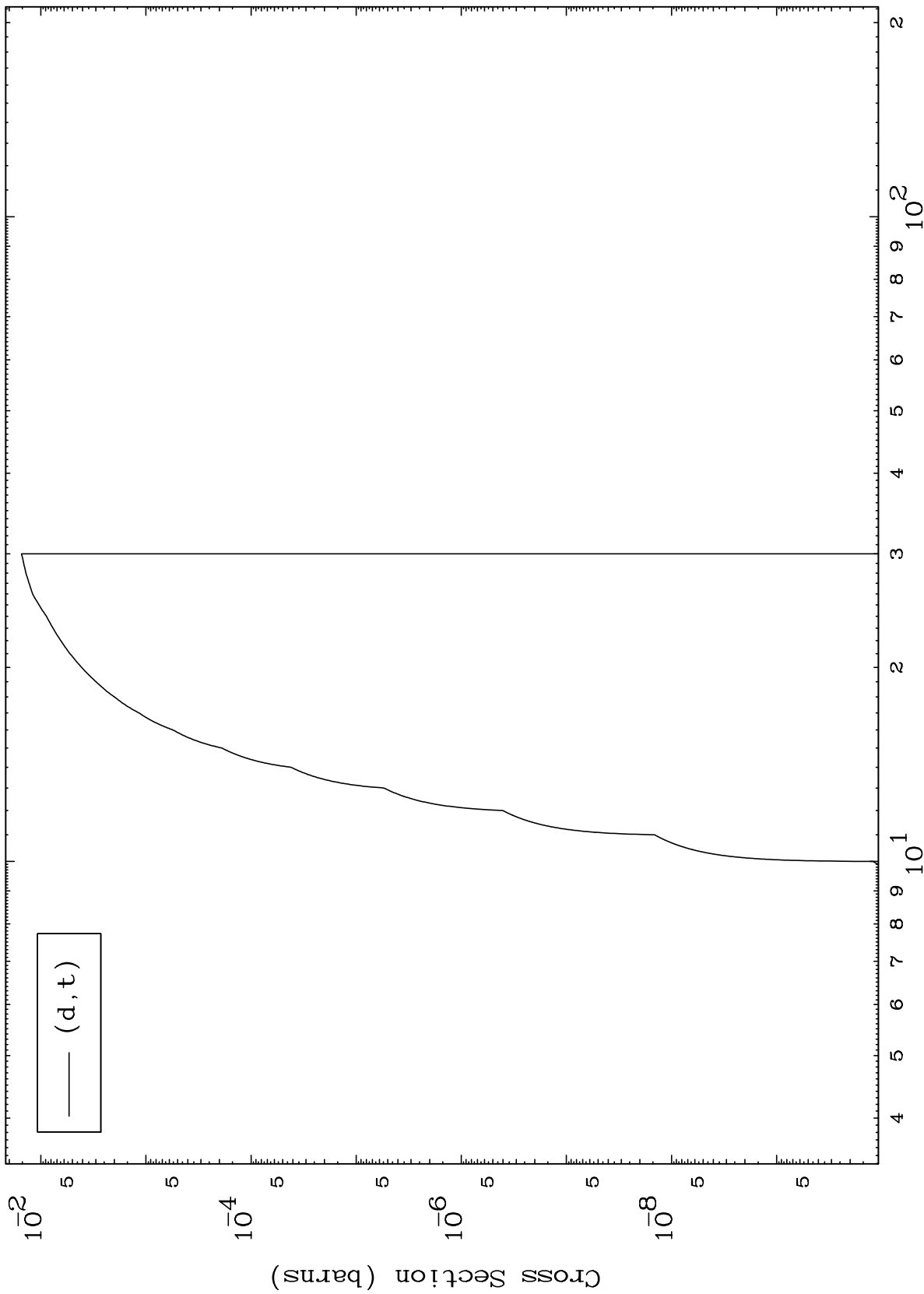
Incident Energy (MeV)

80-Hg-190

MAT 8007

80-Hg-190

(d,t) Levels  
0 Kelvin Cross Sections



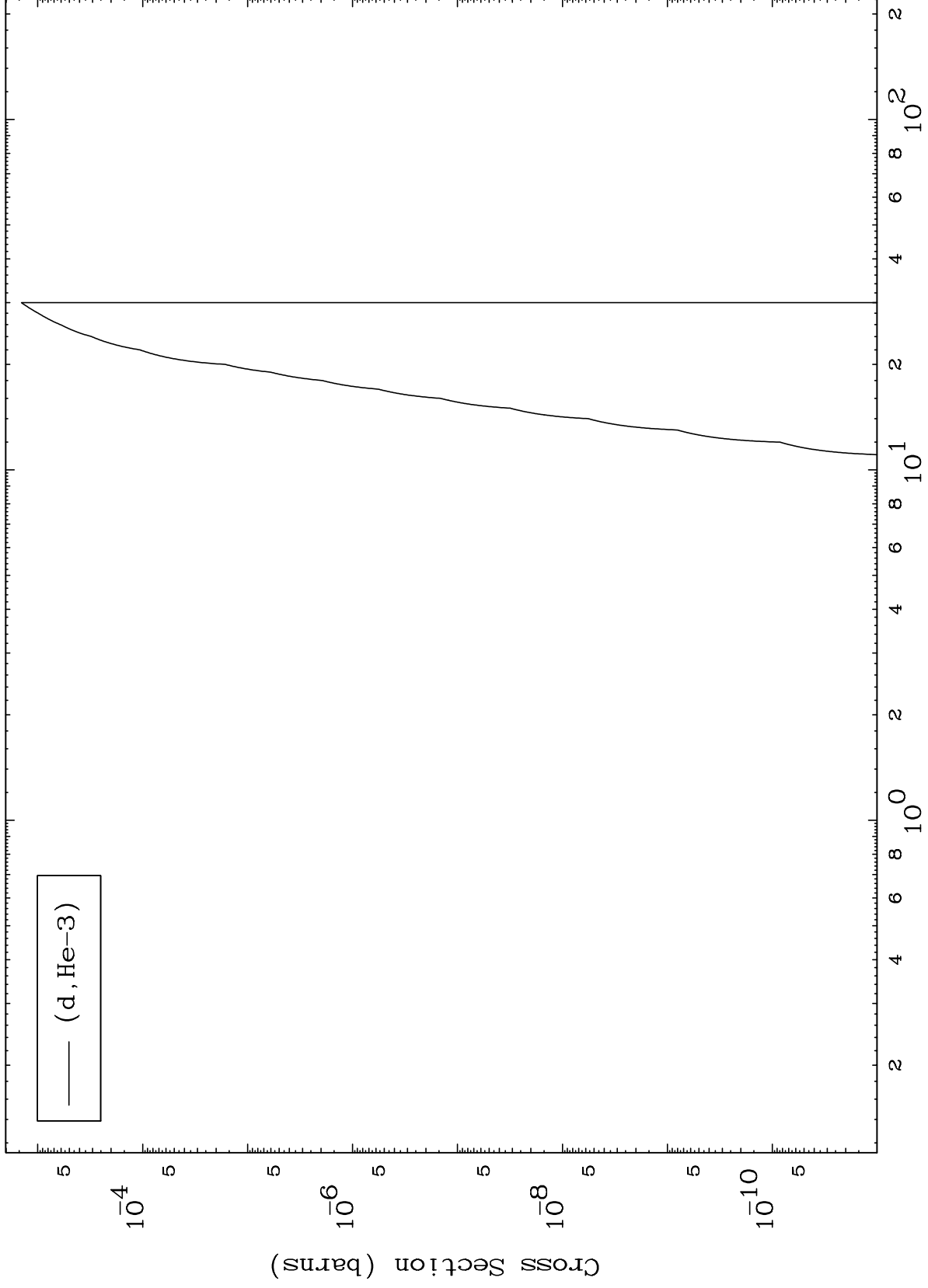
80-Hg-190

Incident Energy (MeV)

MAT 8007

(d,He3) Levels  
0 Kelvin Cross Sections

80-Hg-190



10

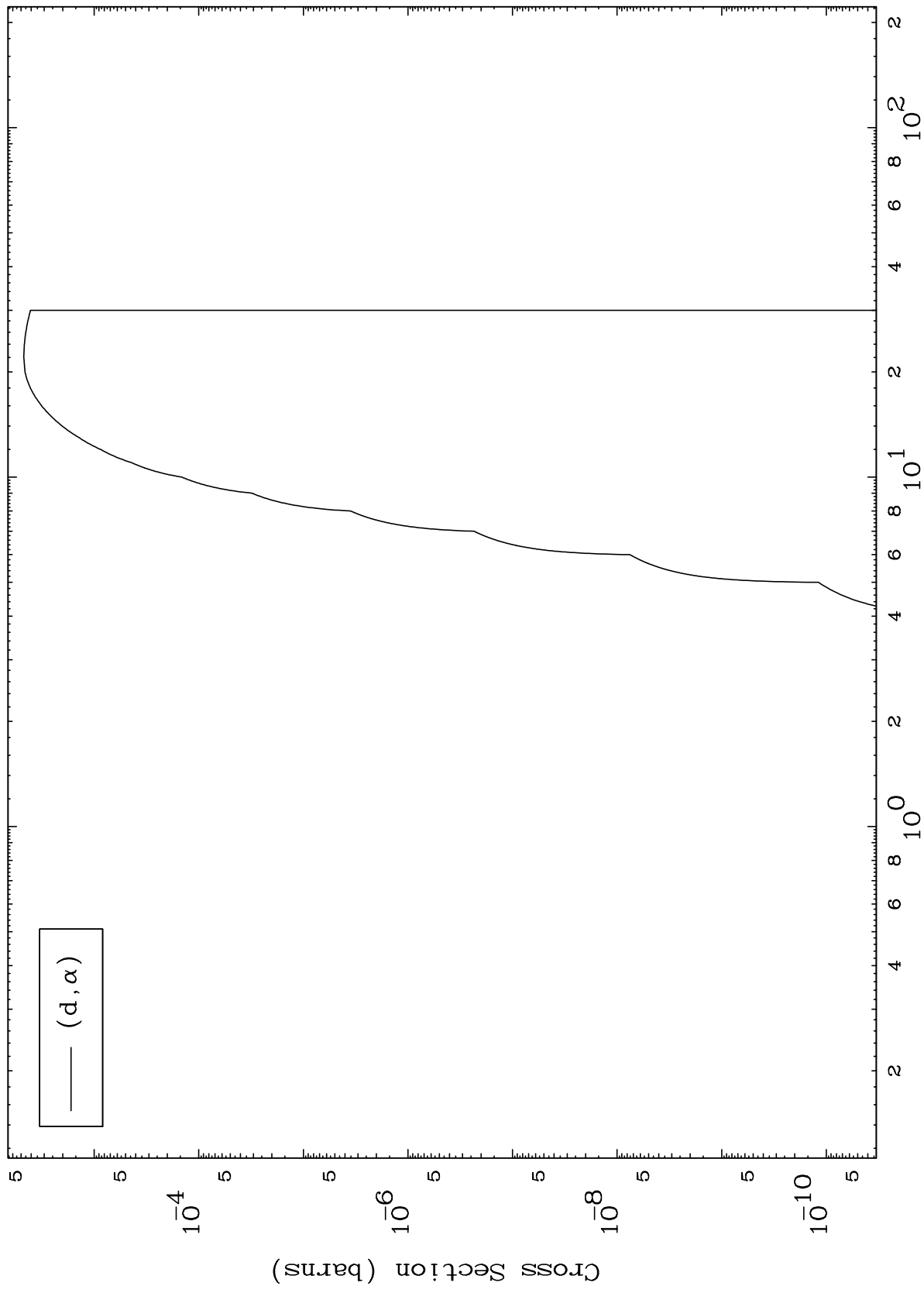
Incident Energy (MeV)

80-Hg-190

MAT 8007

80-Hg-190

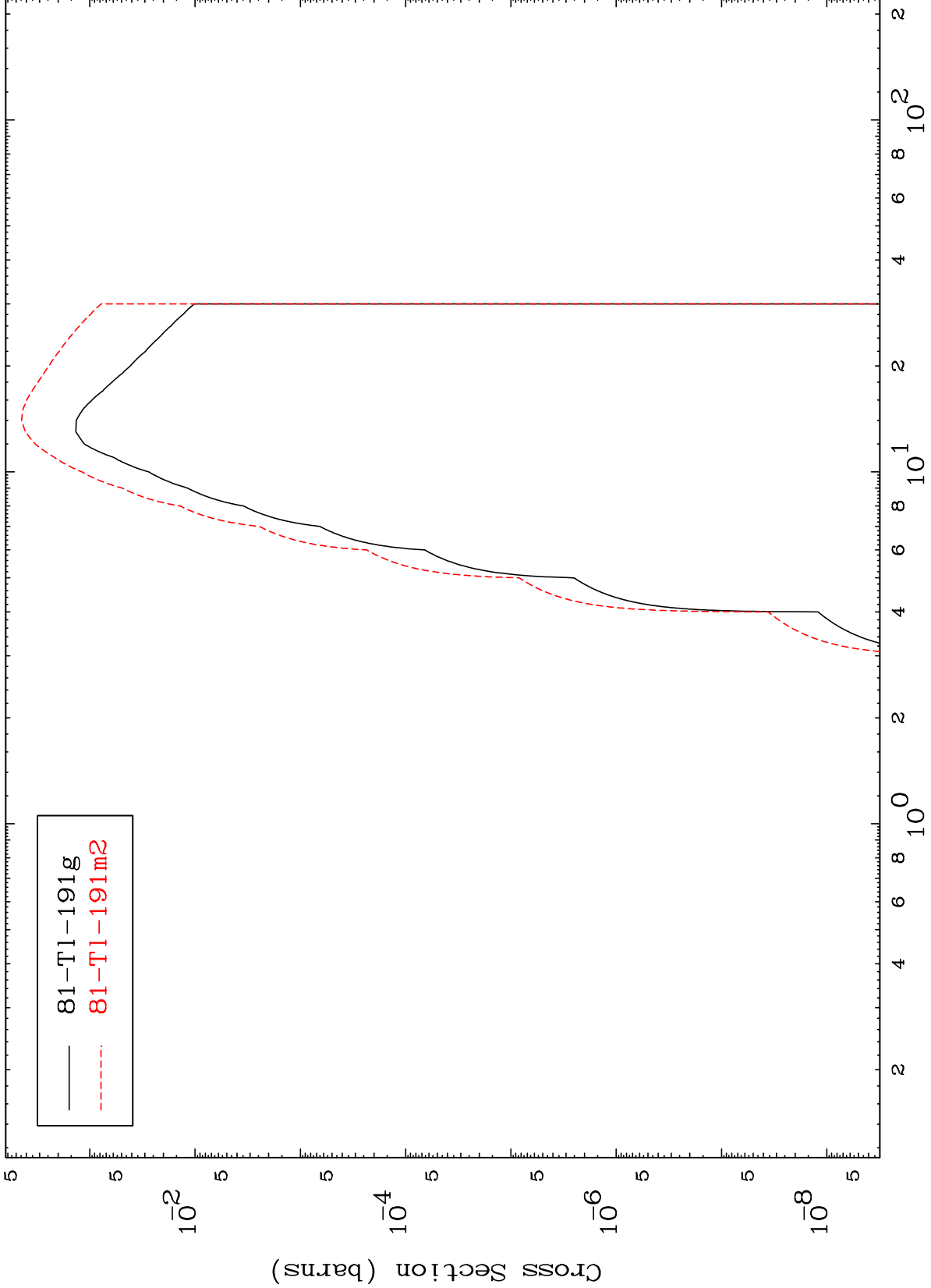
(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



MAT 8007

Radionuclide Production Cross Section  
Deuteron Inelastic

80-Hg-190



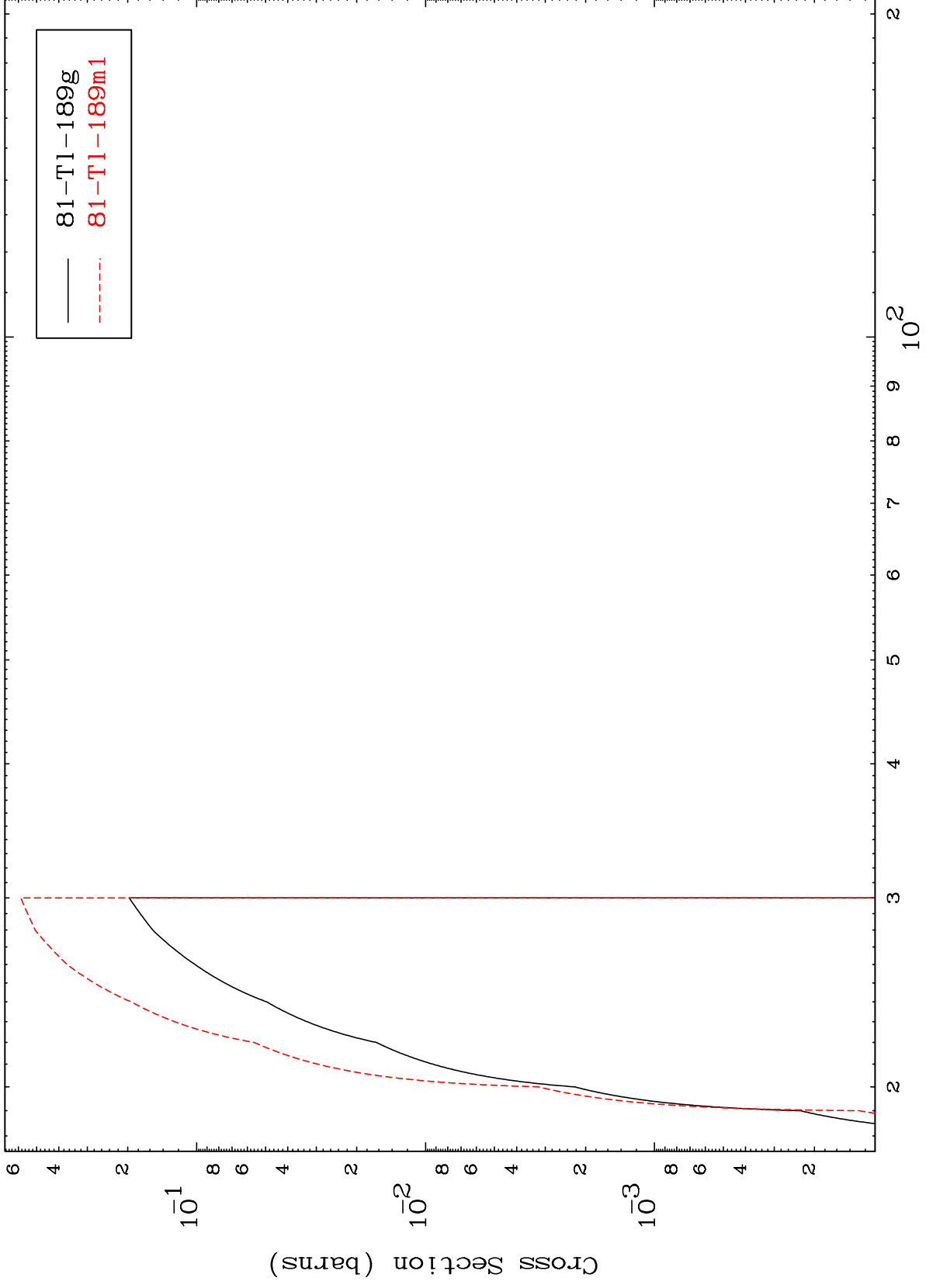
81-Tl-191g  
81-Tl-191m2

MAT 8007

(d,3n)

80-Hg-190

Radionuclide Production Cross Section



13

Incident Energy (MeV)

80-Hg-190

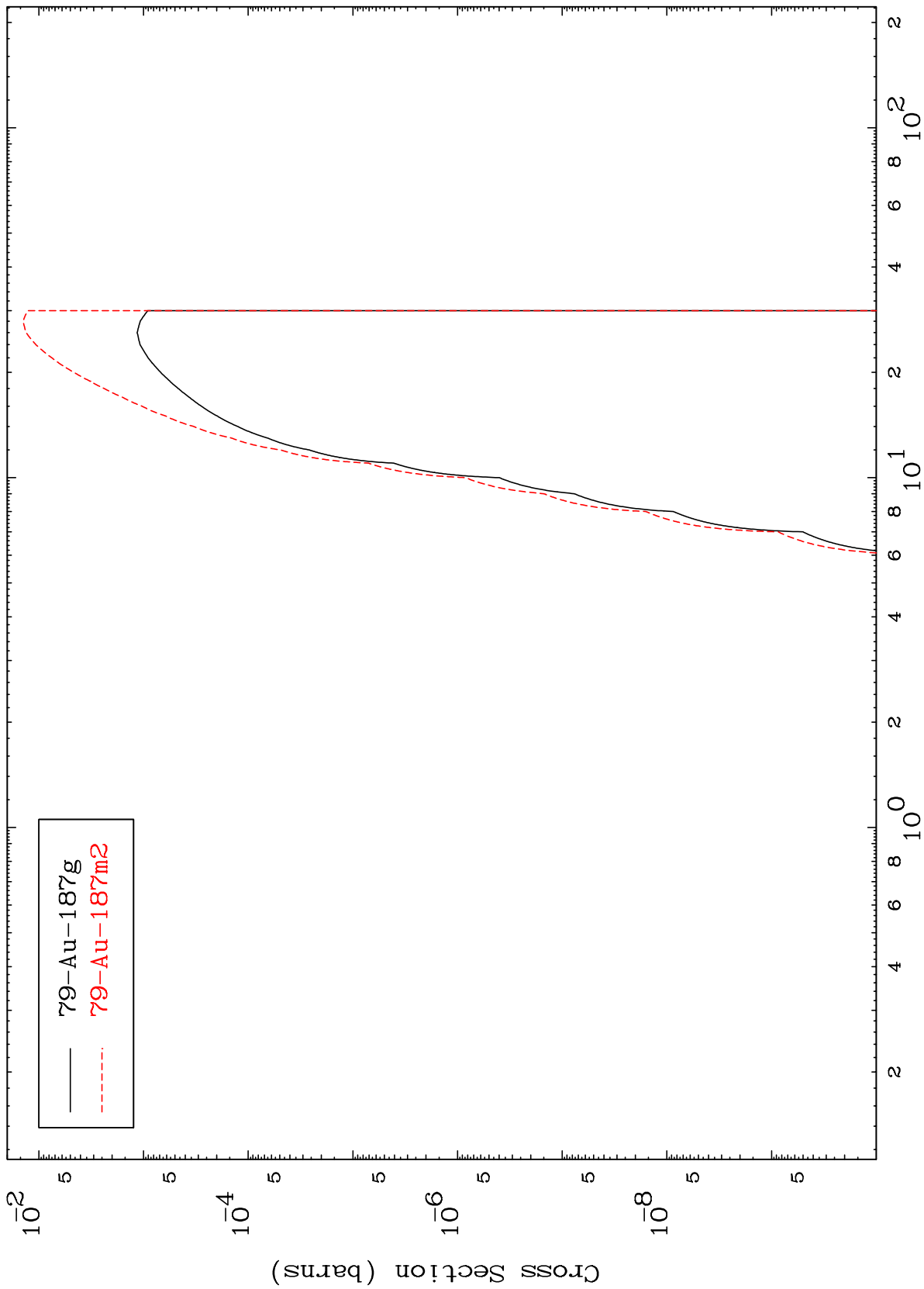


MAT 8007

$(d, n') \alpha$

80-Hg-190

Radionuclide Production Cross Section

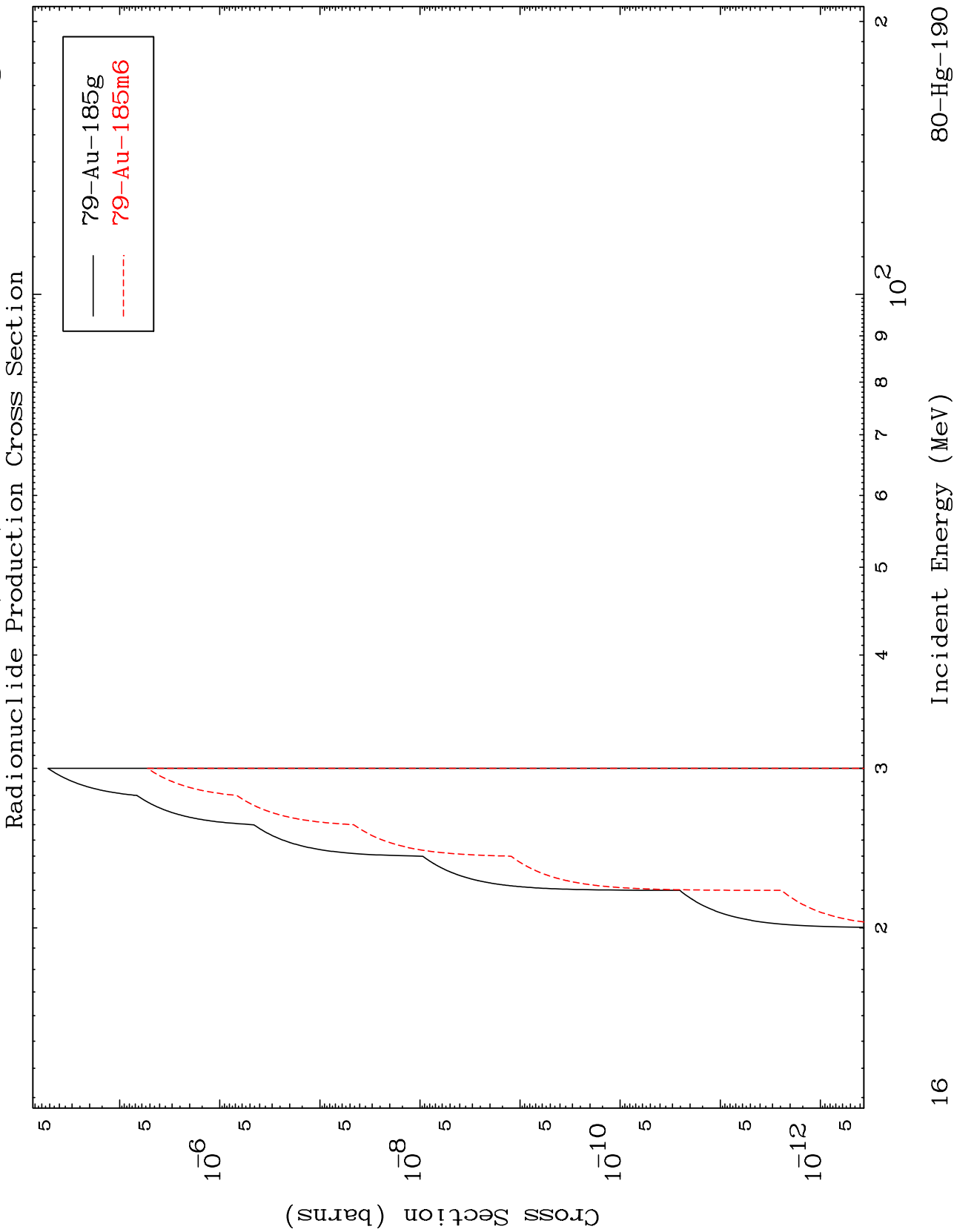




MAT 8007

(d,3n)  $\alpha$

80-Hg-190



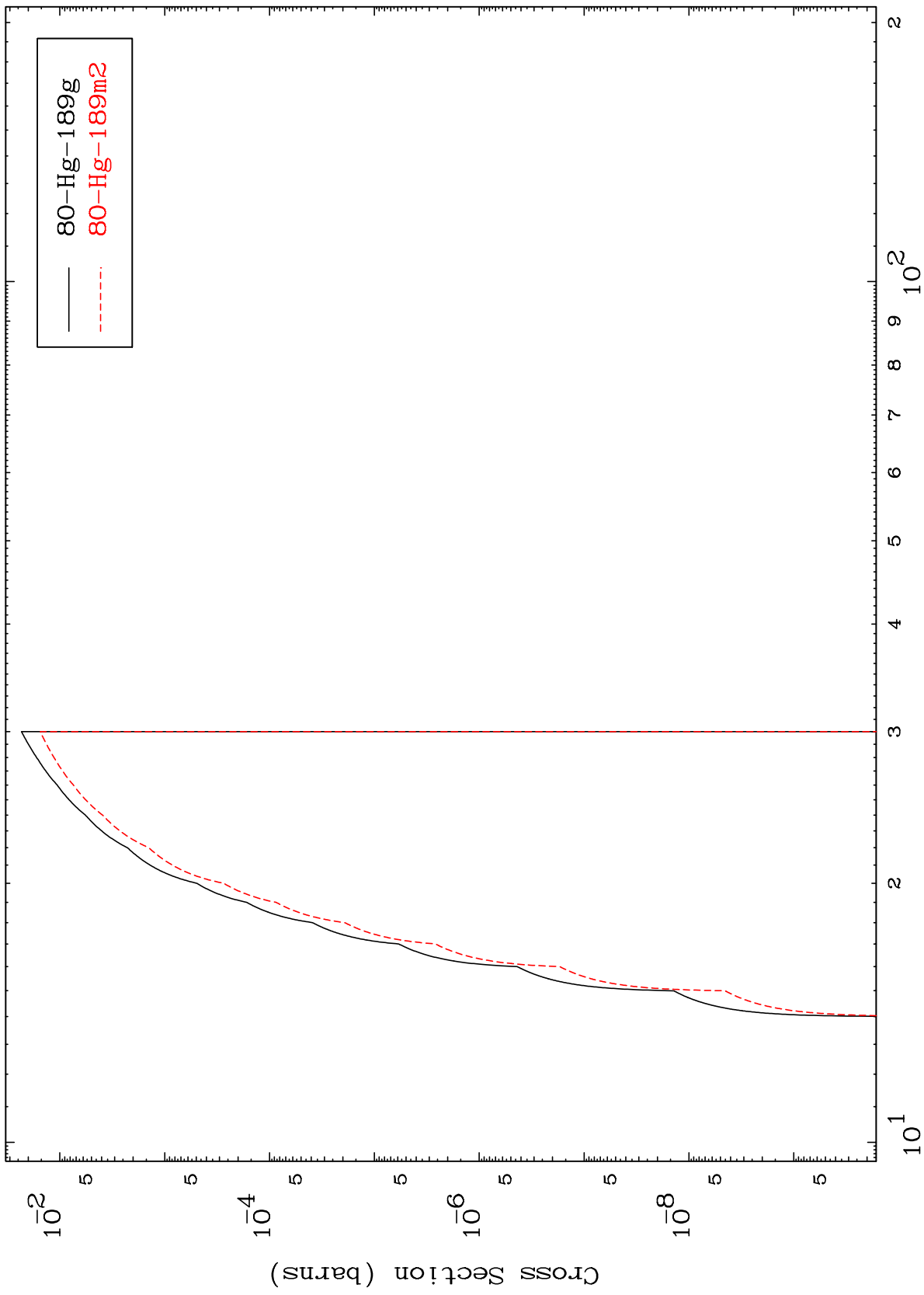
16

80-Hg-190

MAT 8007

80-Hg-190

(d,n') d  
Radionuclide Production Cross Section



80-Hg-190

Incident Energy (MeV)

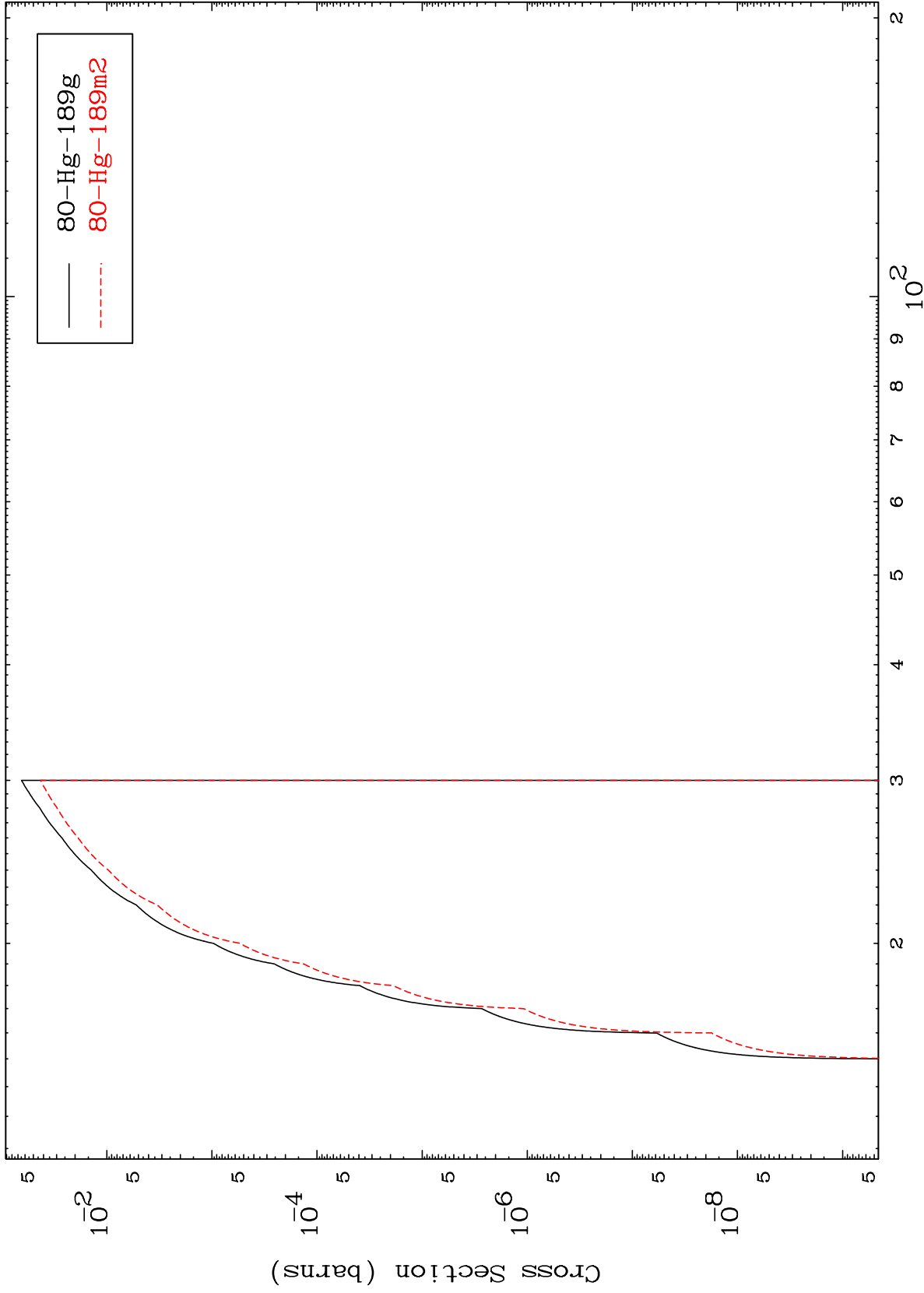
17

MAT 8007

(d,2n) p

80-Hg-190

Radionuclide Production Cross Section



18

Incident Energy (MeV)

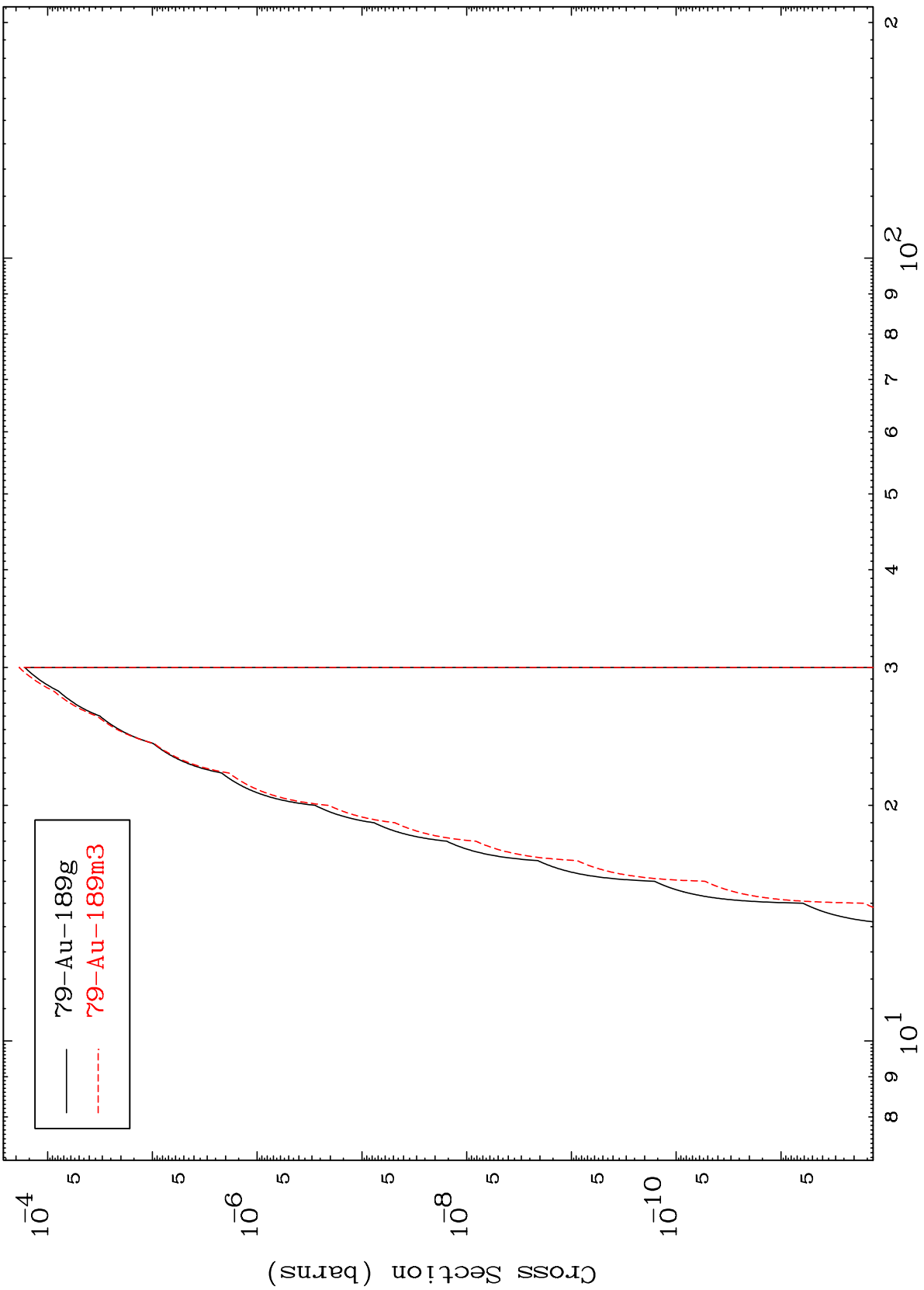
80-Hg-190

MAT 8007

(d,2n) p

80-Hg-190

Radionuclide Production Cross Section



19

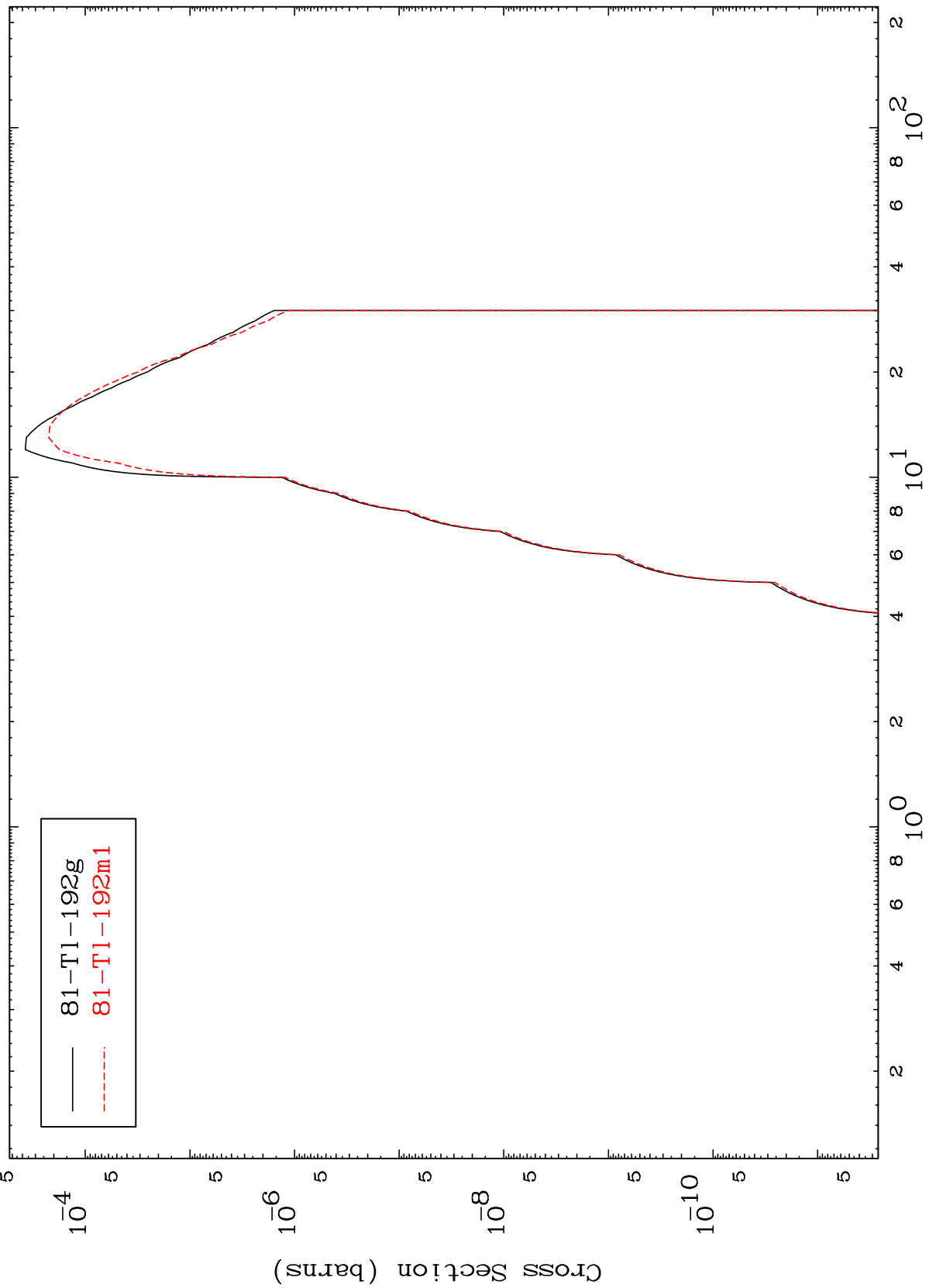
Incident Energy (MeV)

80-Hg-190

MAT 8007

80-Hg-190

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



81-Tl-192g  
81-Tl-192m1

80-Hg-190

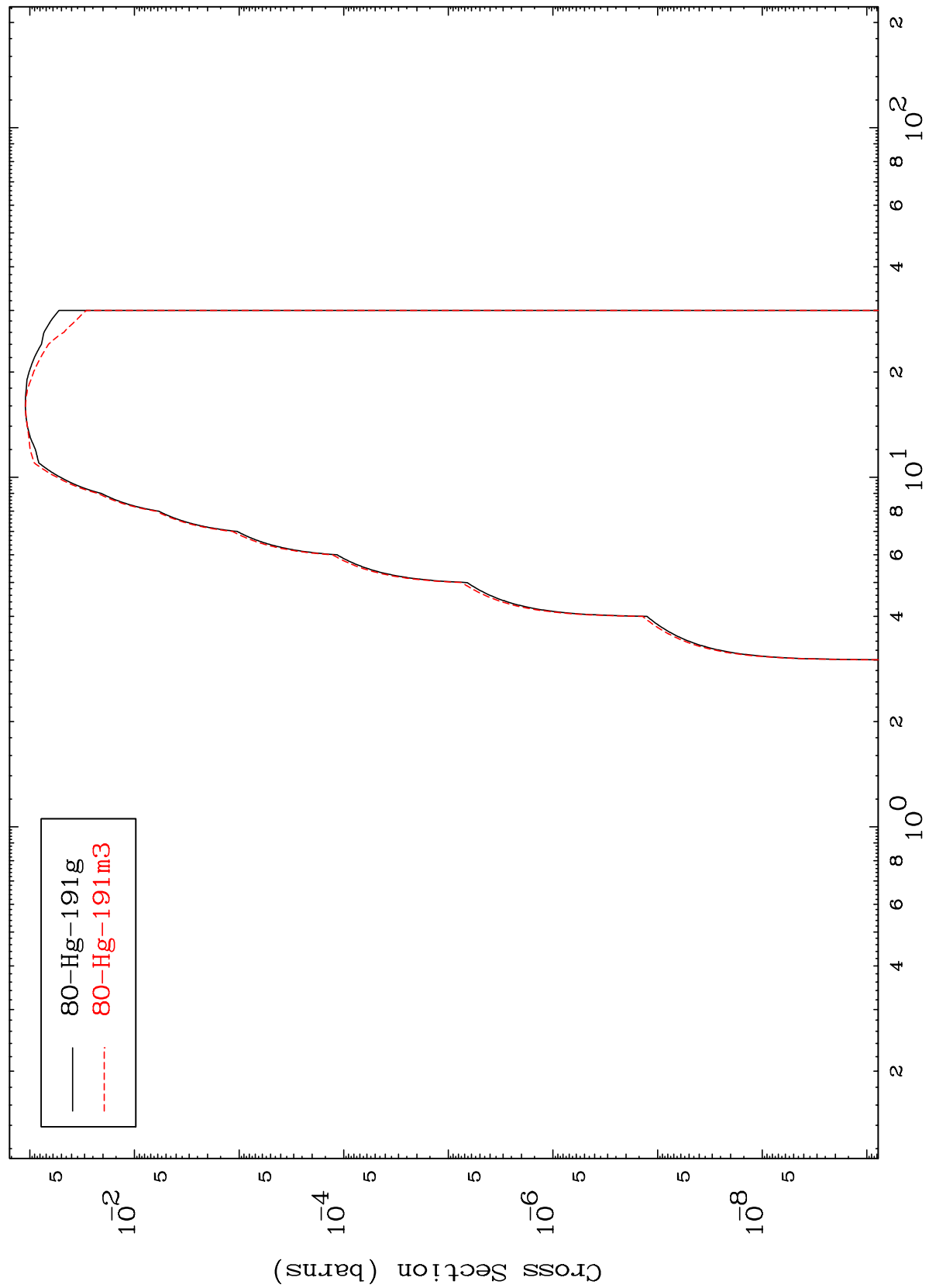
Incident Energy (MeV)

20

MAT 8007

80-Hg-190

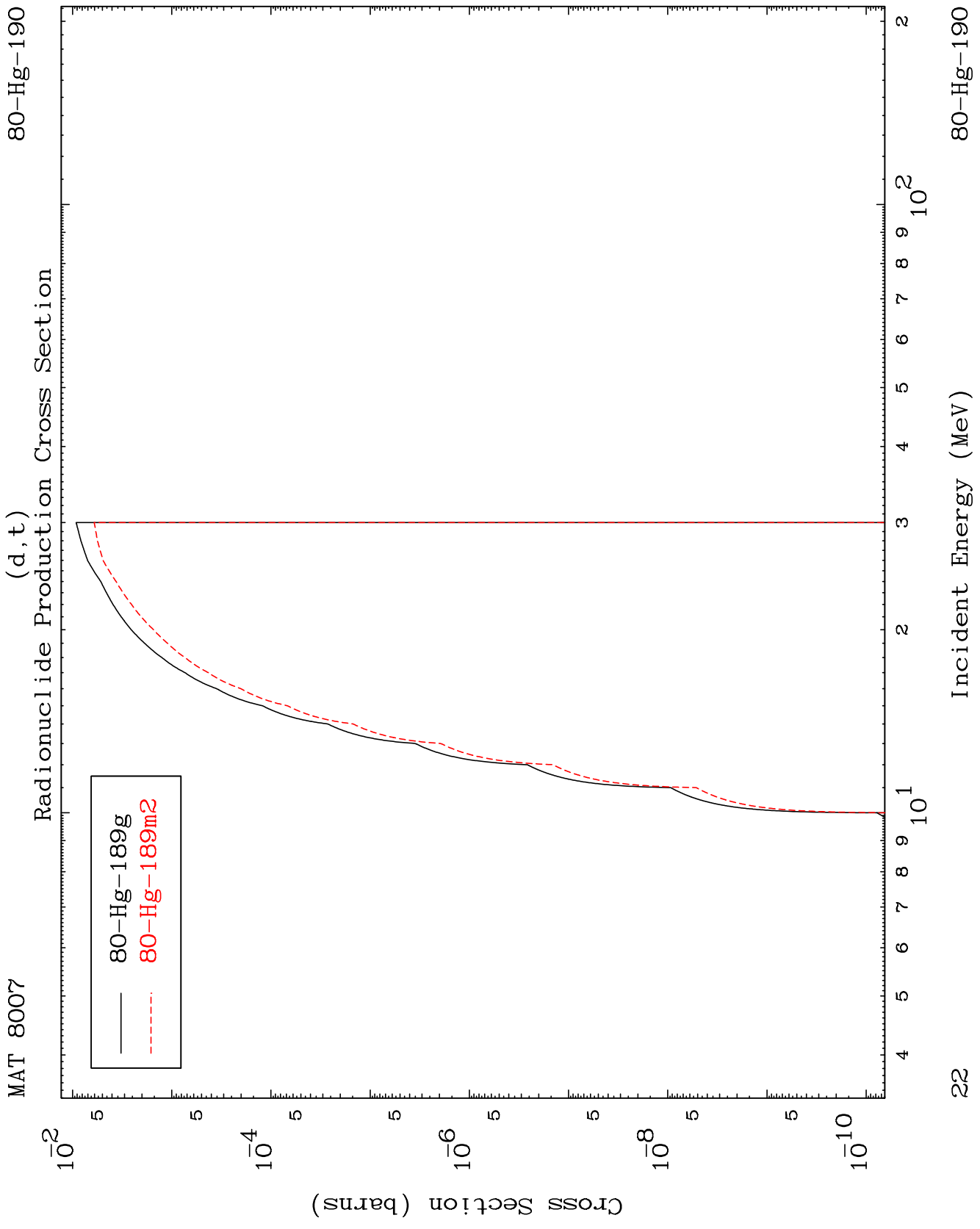
(d,p)  
Radionuclide Production Cross Section



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

80-Hg-190

Incident Energy (MeV)

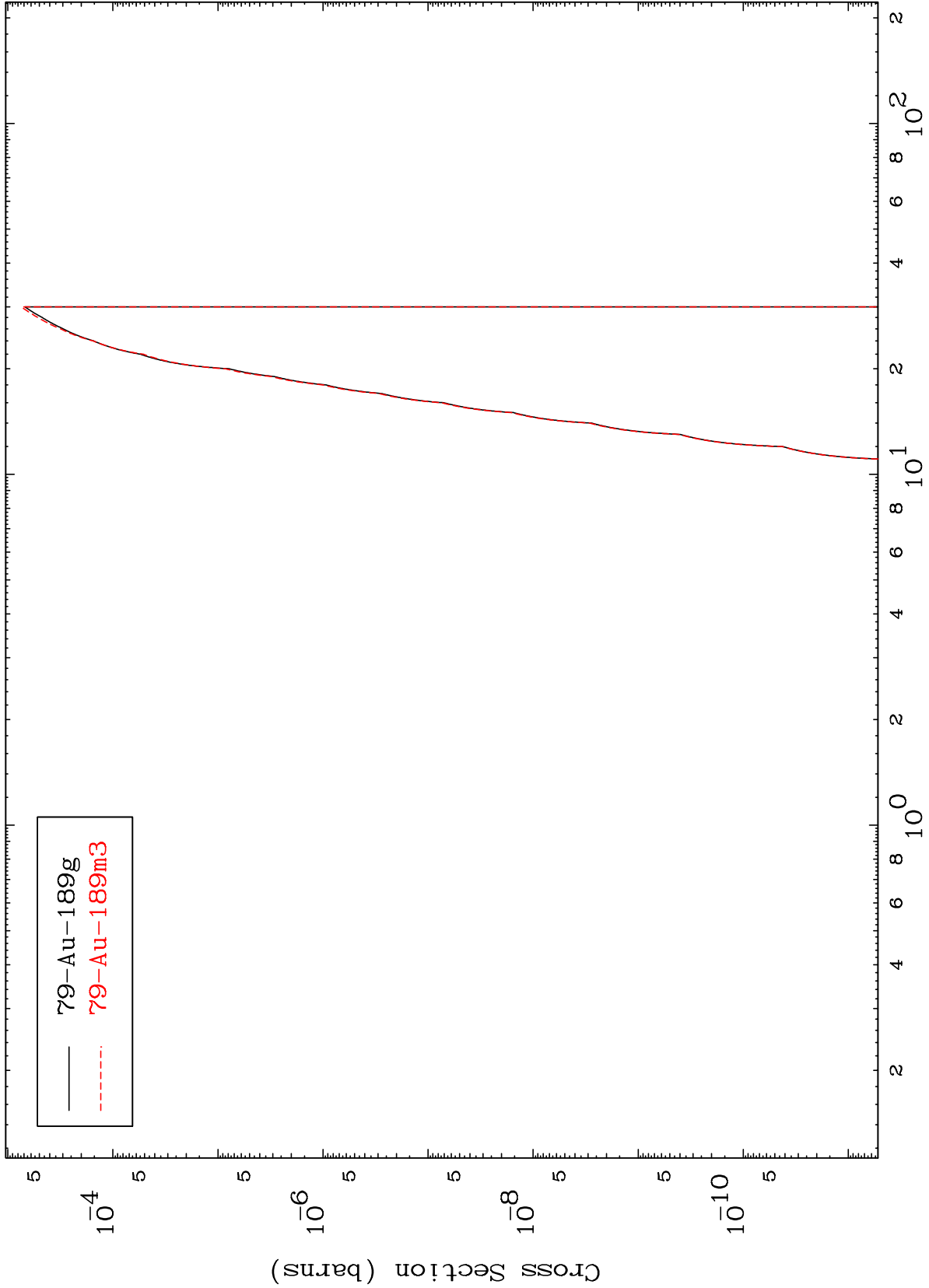


MAT 8007

(d,He-3)

80-Hg-190

Radionuclide Production Cross Section



—  $^{79}\text{Au-189g}$   
- - -  $^{79}\text{Au-189m3}$

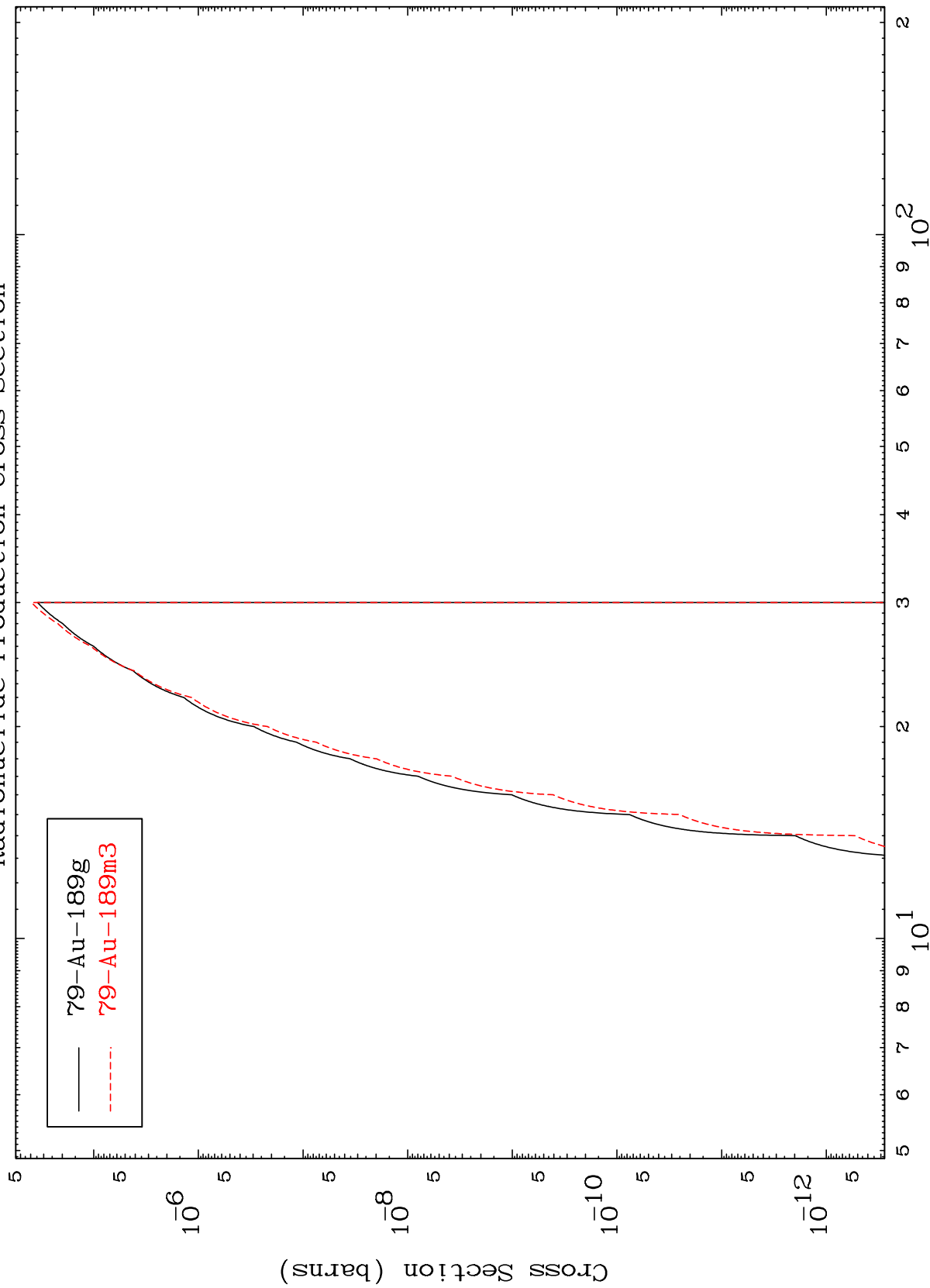


MAT 8007

(d,p) d

80-Hg-190

Radionuclide Production Cross Section



24

Incident Energy (MeV)

80-Hg-190