

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

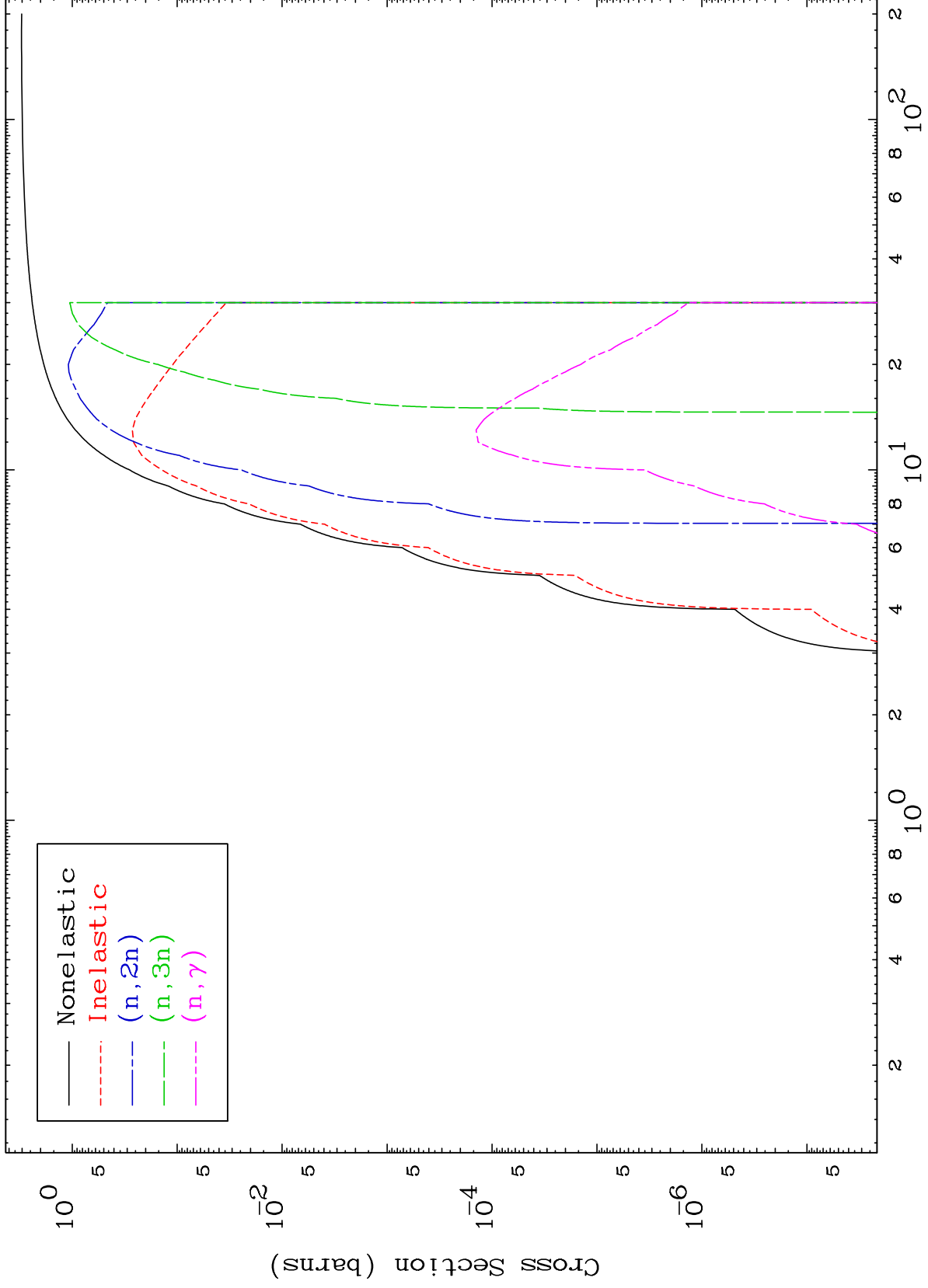
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7901

Deuteron Major  
0 Kelvin Cross Sections

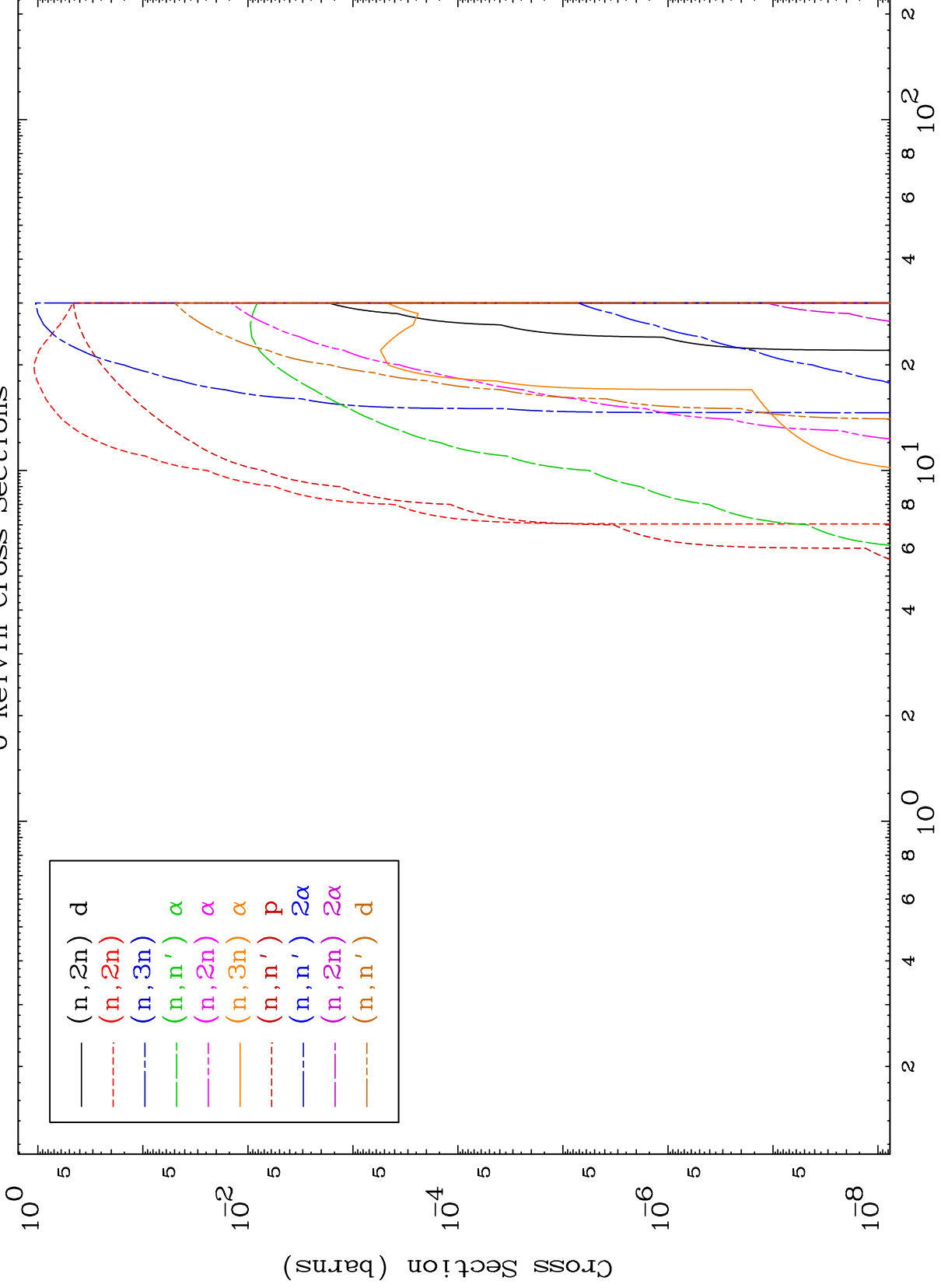
79-Au-189

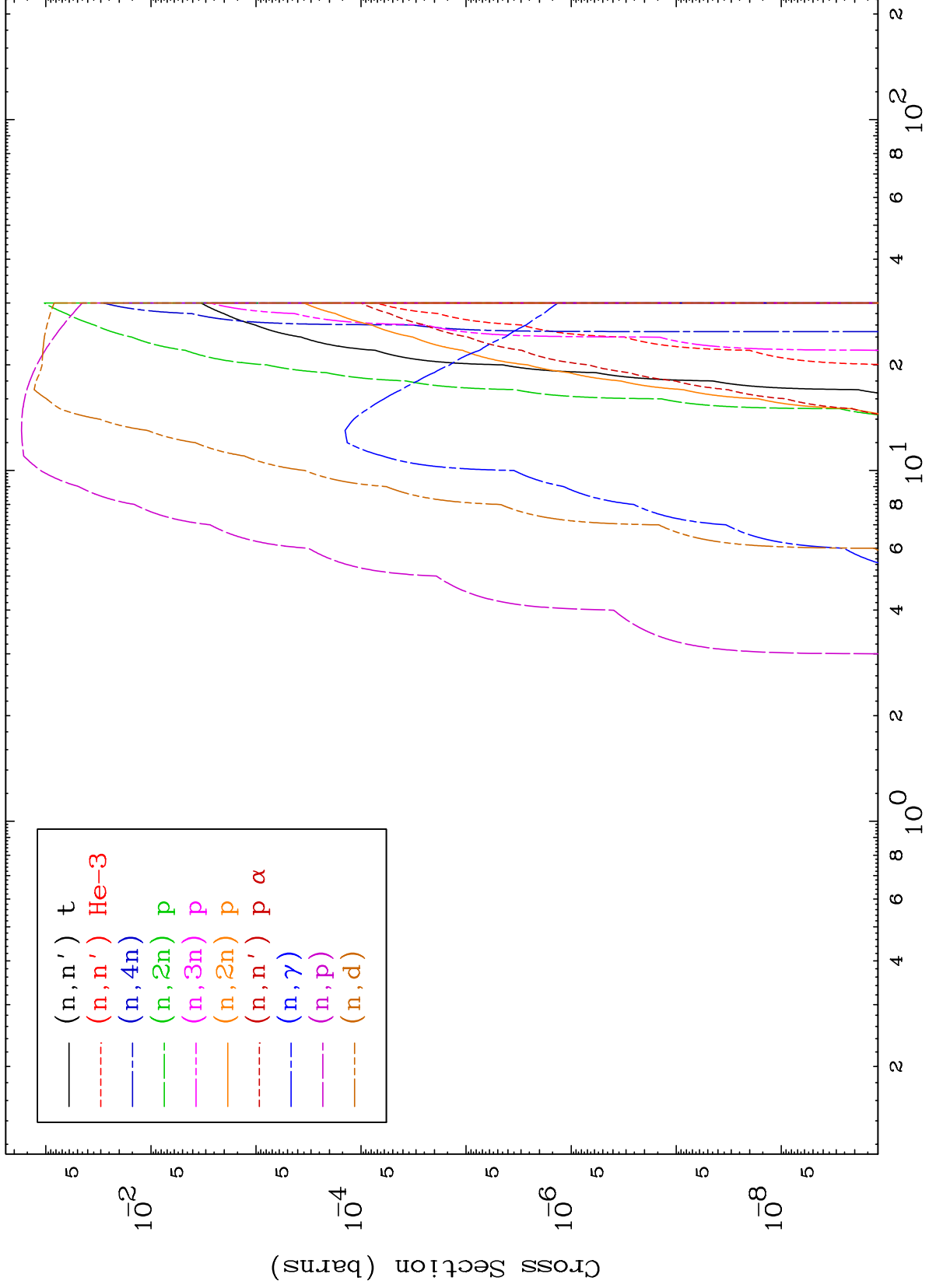


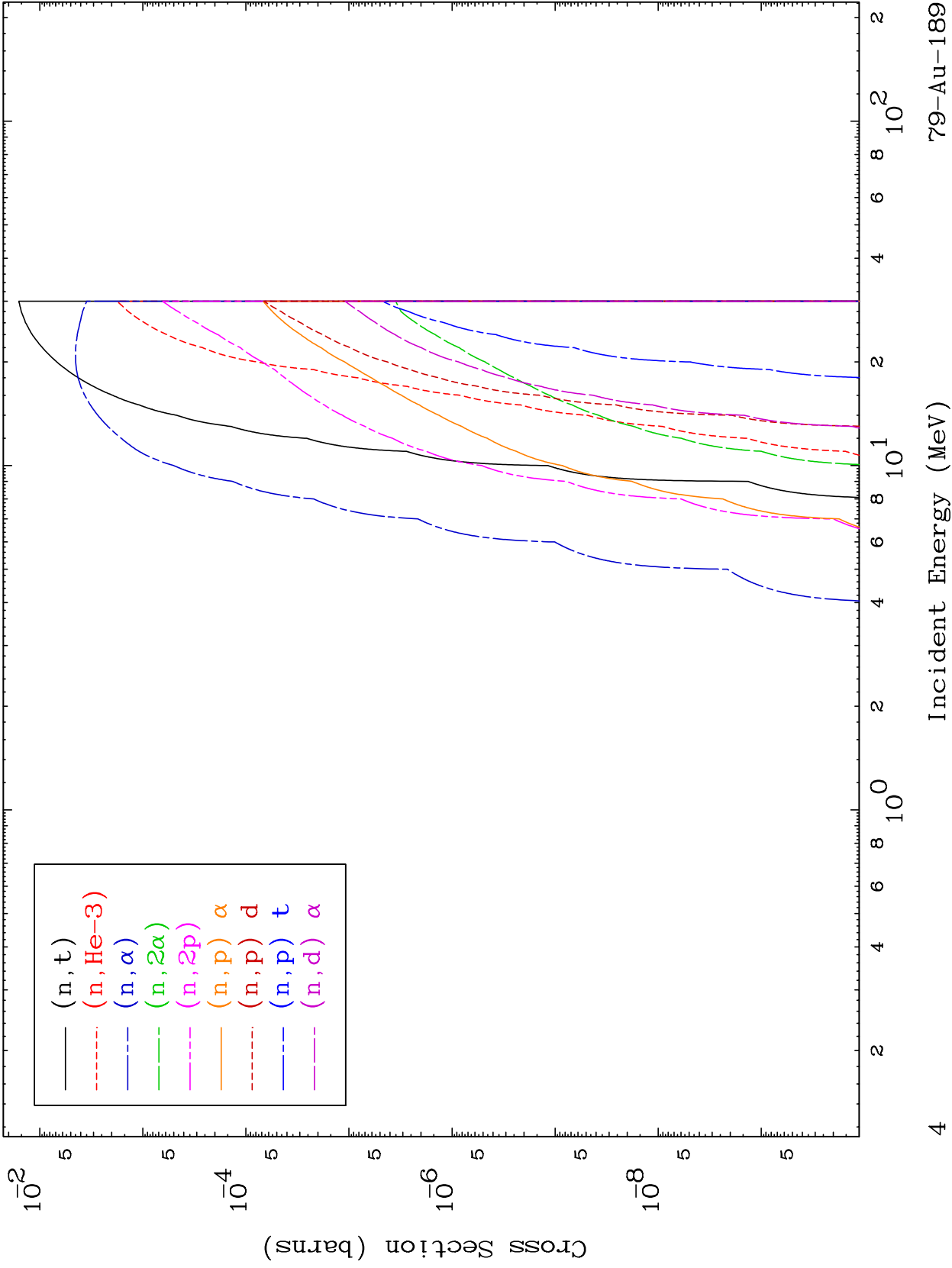
MAT 7901

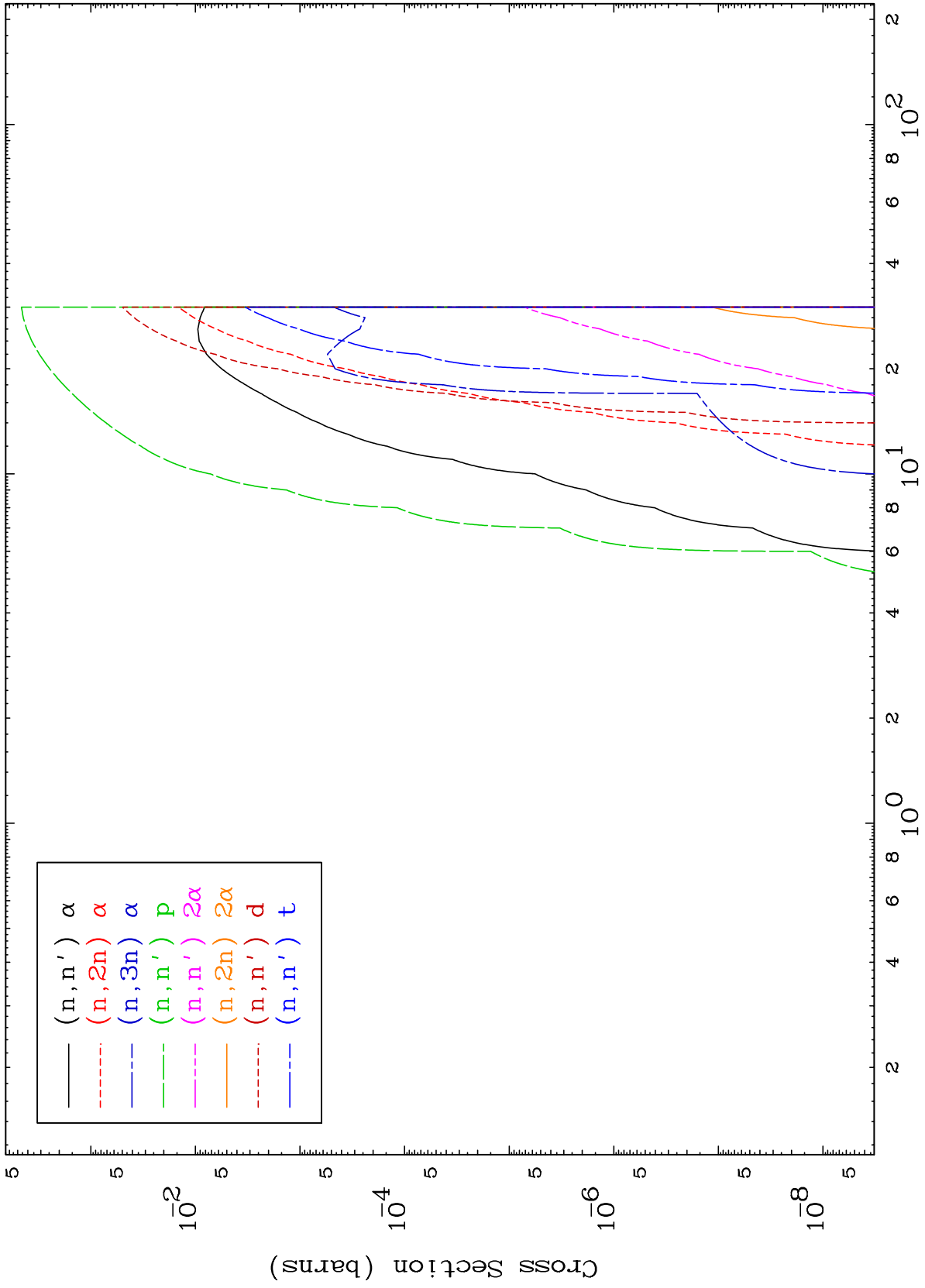
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

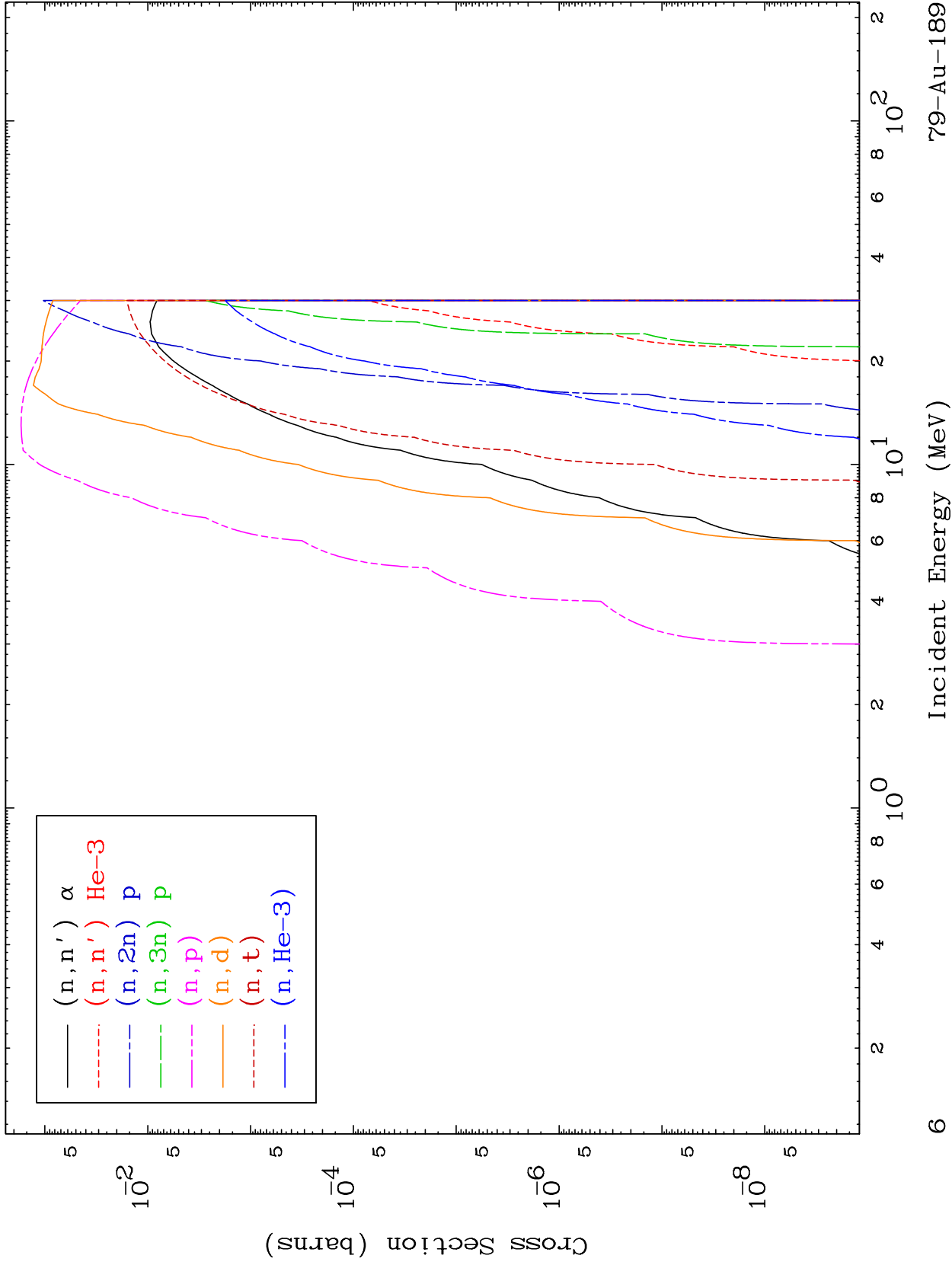
79-Au-189







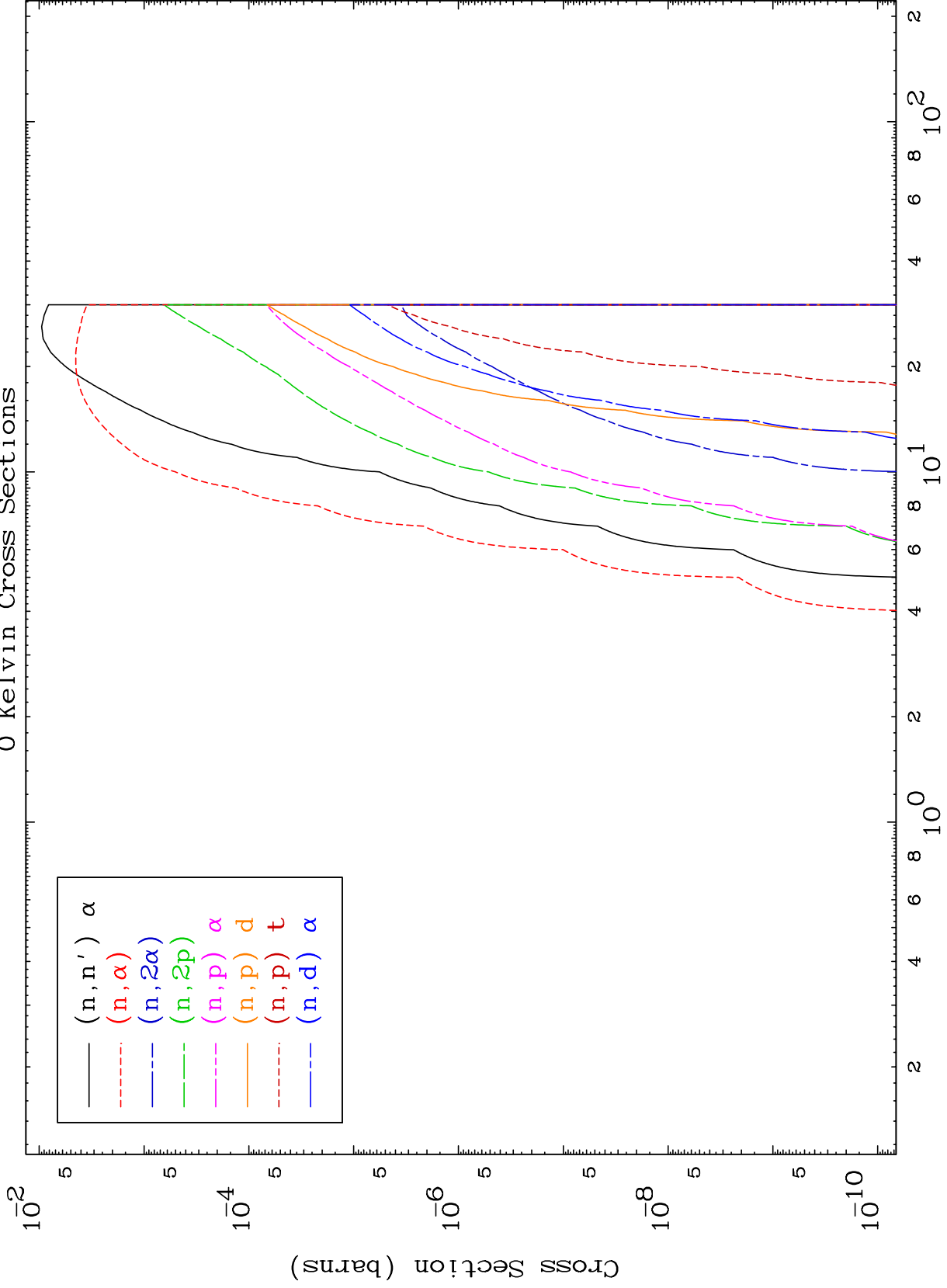




MAT 7901

Deuteron Charged Particle  
0 Kelvin Cross Sections

79-Au-189



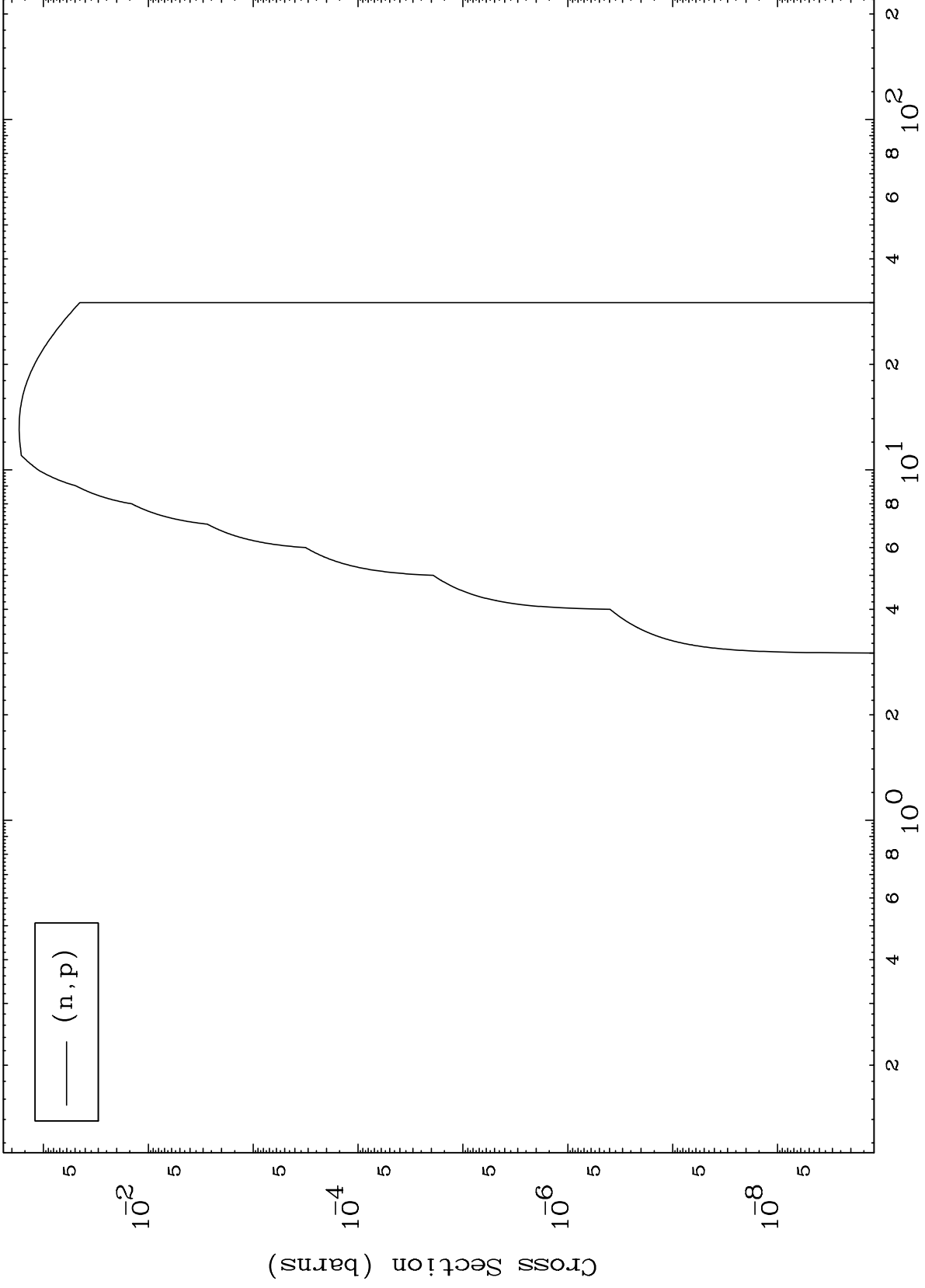


MAT 7901

(d,p) Levels

79-Au-189

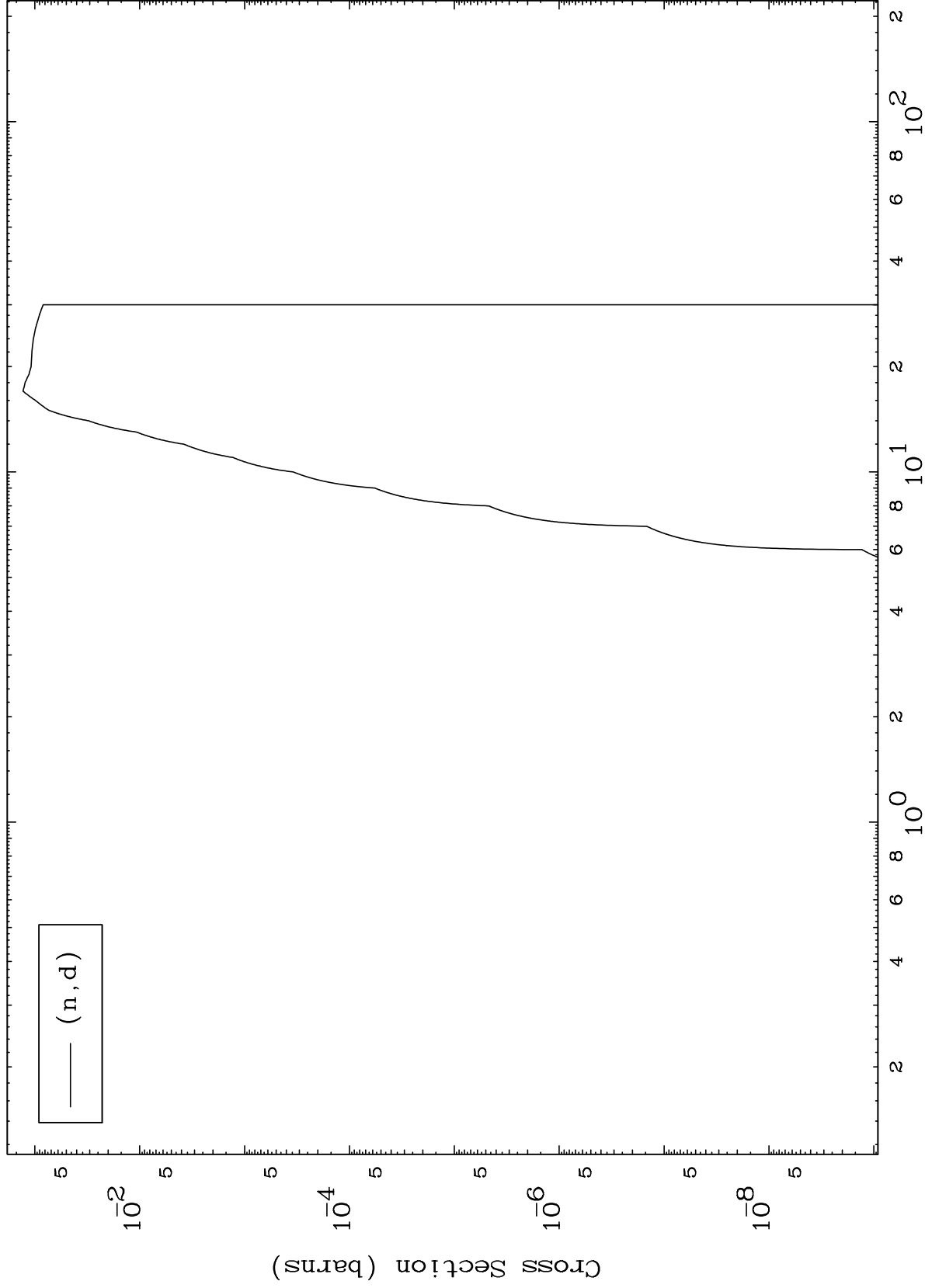
0 Kelvin Cross Sections



MAT 7901

79-Au-189

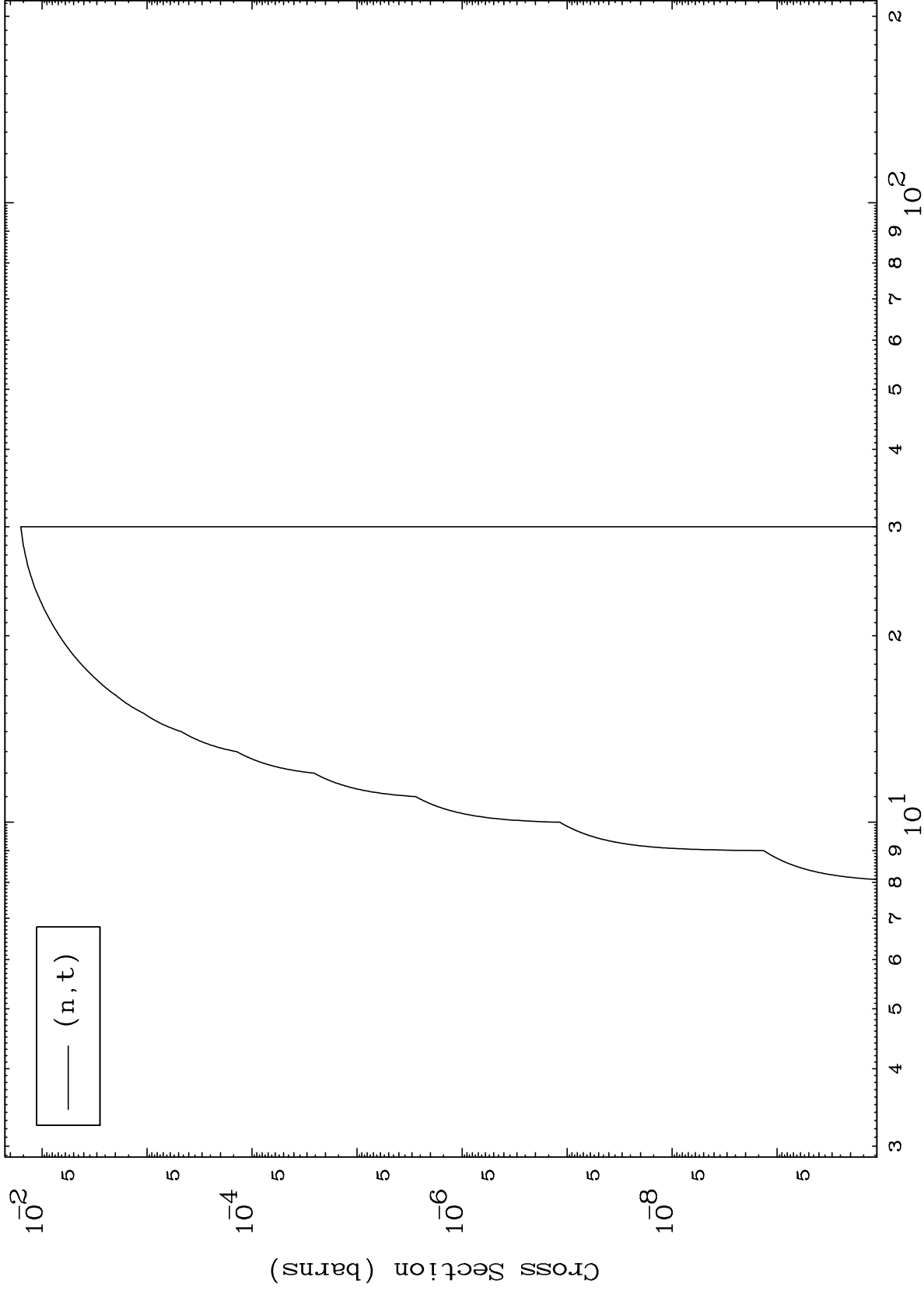
(d,d) Levels  
0 Kelvin Cross Sections



MAT 7901

(d,t) Levels  
0 Kelvin Cross Sections

79-Au-189



10

Incident Energy (MeV)

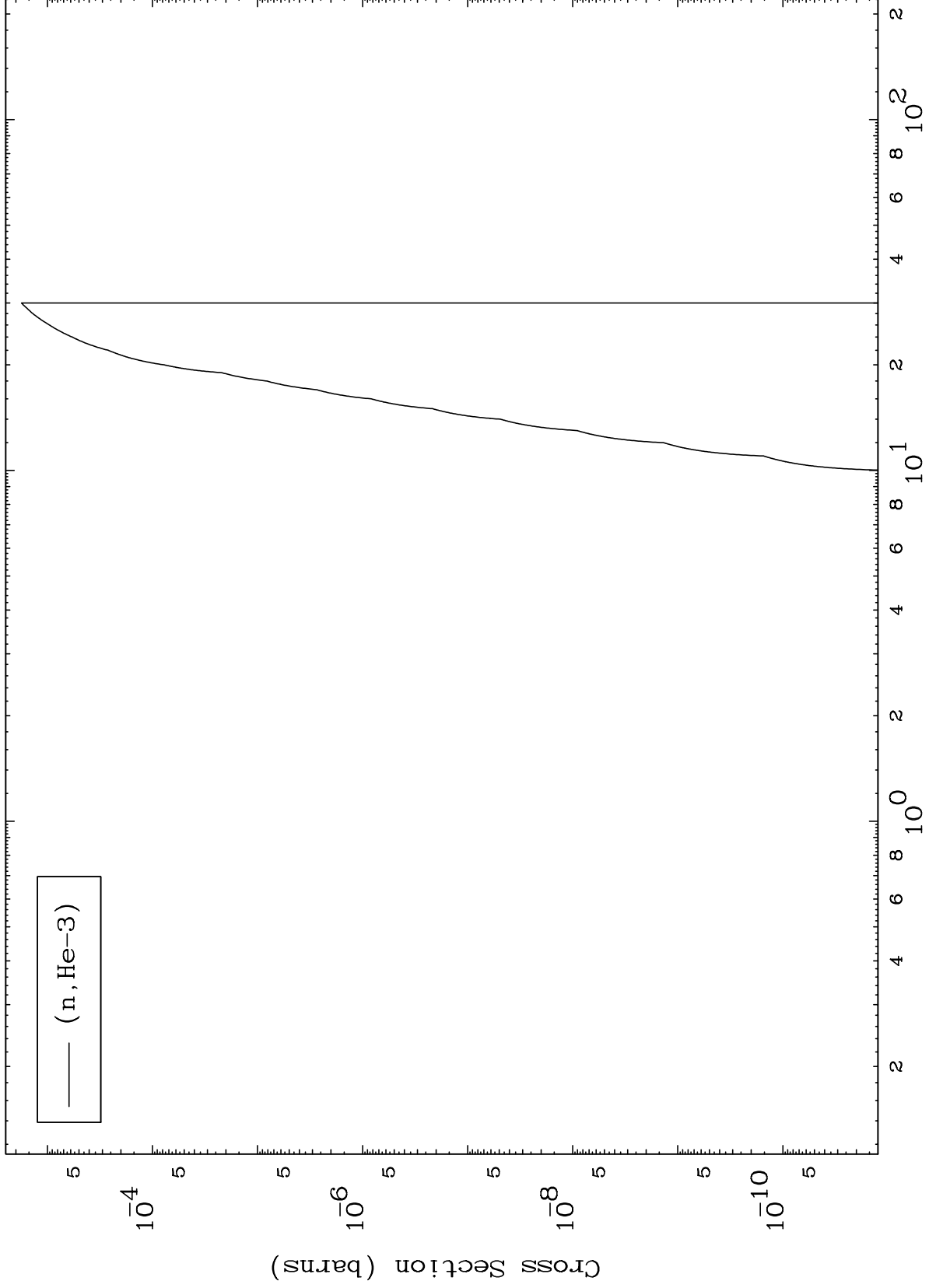
79-Au-189

MAT 7901

(d,He3) Levels

79-Au-189

0 Kelvin Cross Sections

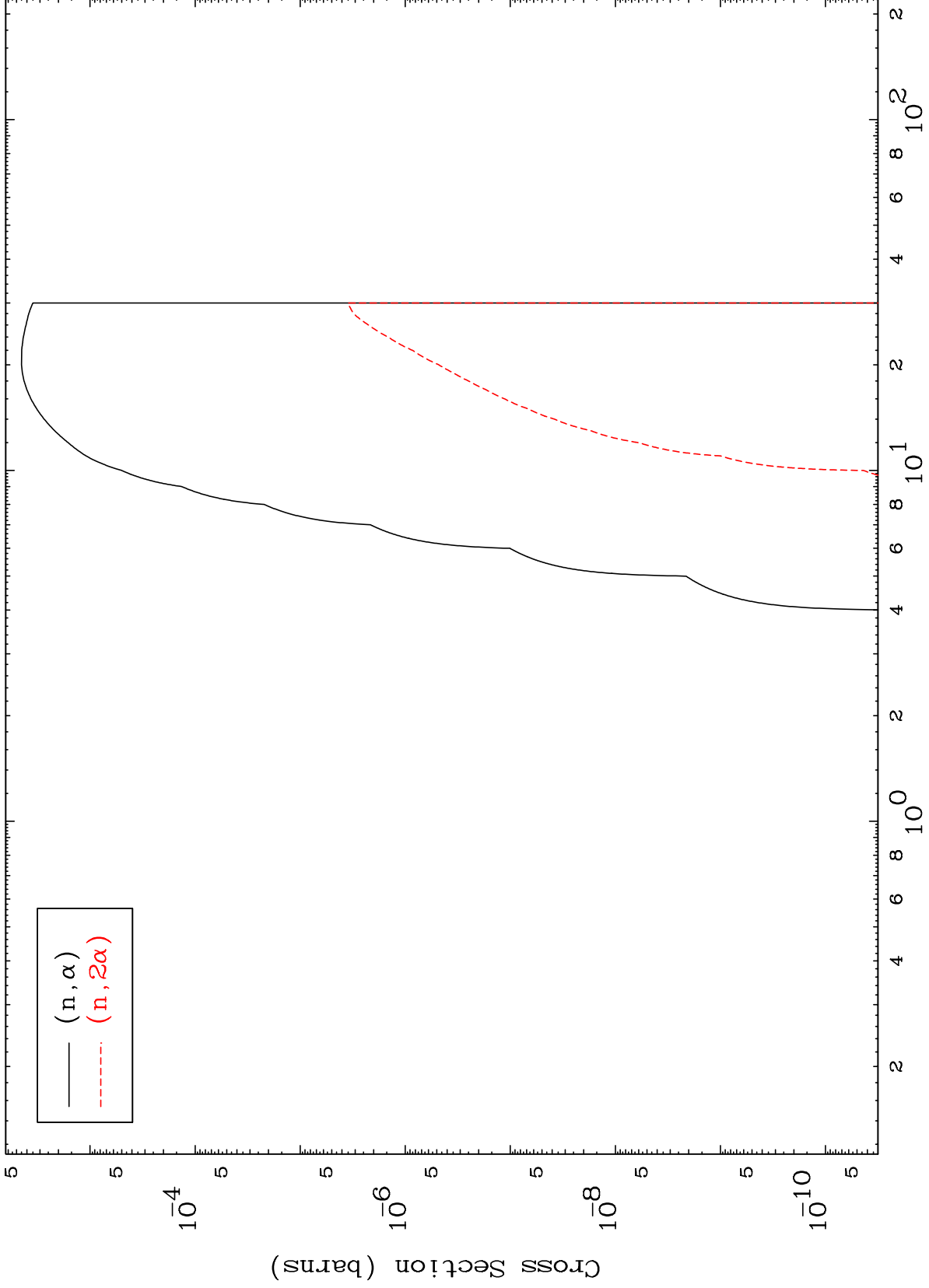


MAT 7901

(d,  $\alpha$ ) Levels

79-Au-189

0 Kelvin Cross Sections



12

Incident Energy (MeV)

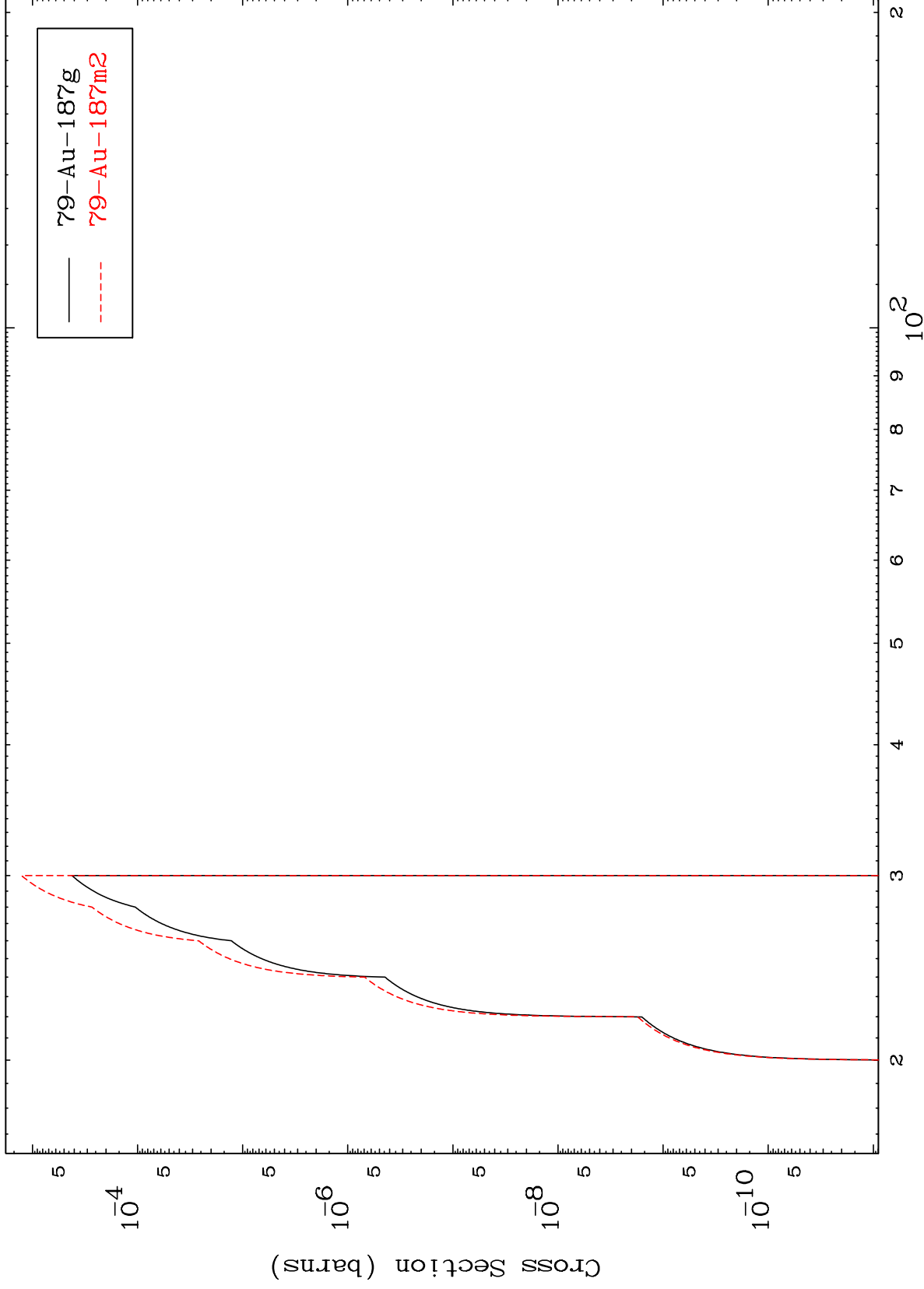
79-Au-189

MAT 7901

(n,2n) d

<sup>79</sup>Au-189

Radionuclide Production Cross Section



13

Incident Energy (MeV)

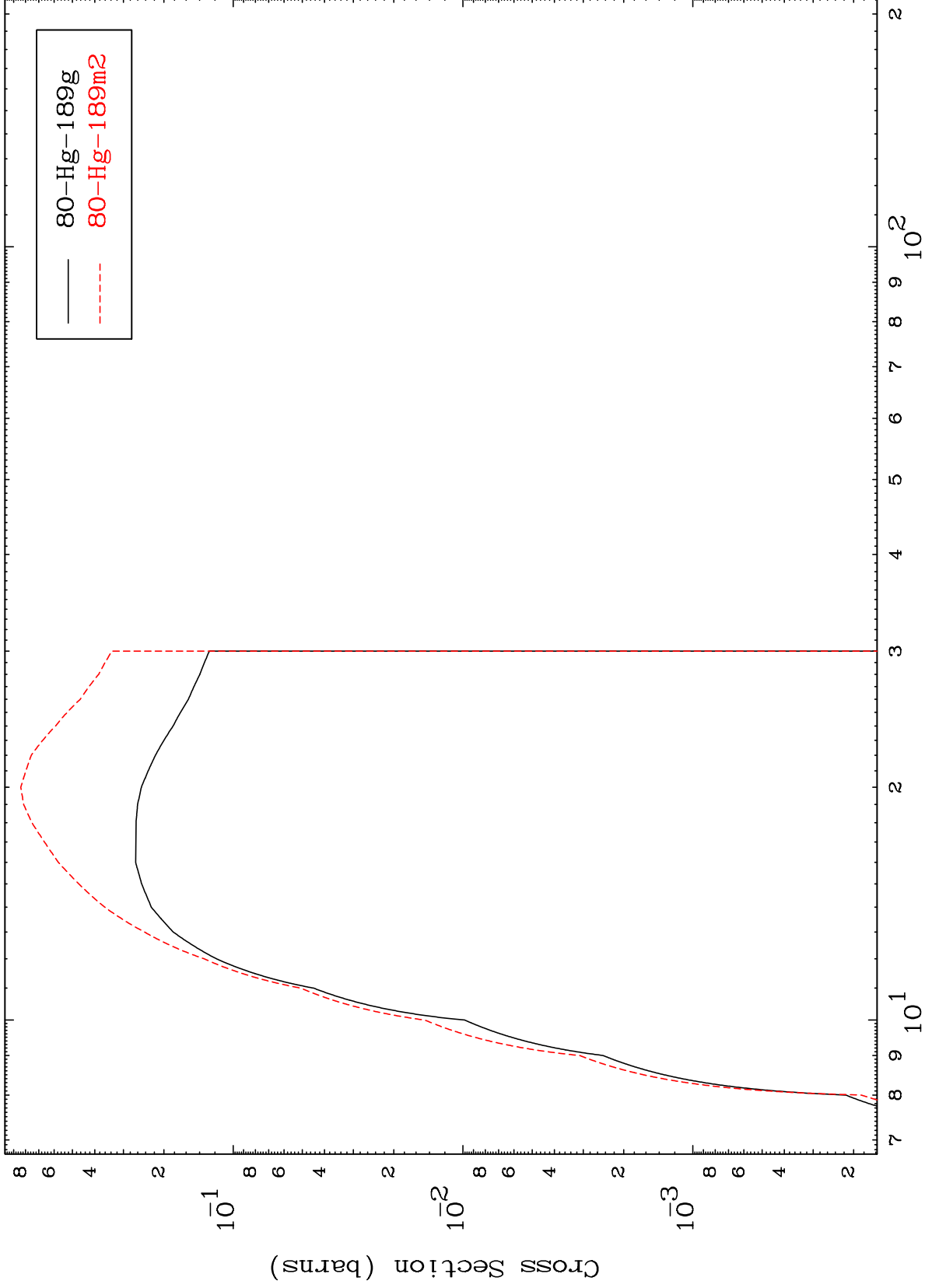
<sup>79</sup>Au-189

MAT 7901

(n,2n)

79-Au-189

Radionuclide Production Cross Section



14

Incident Energy (MeV)

79-Au-189

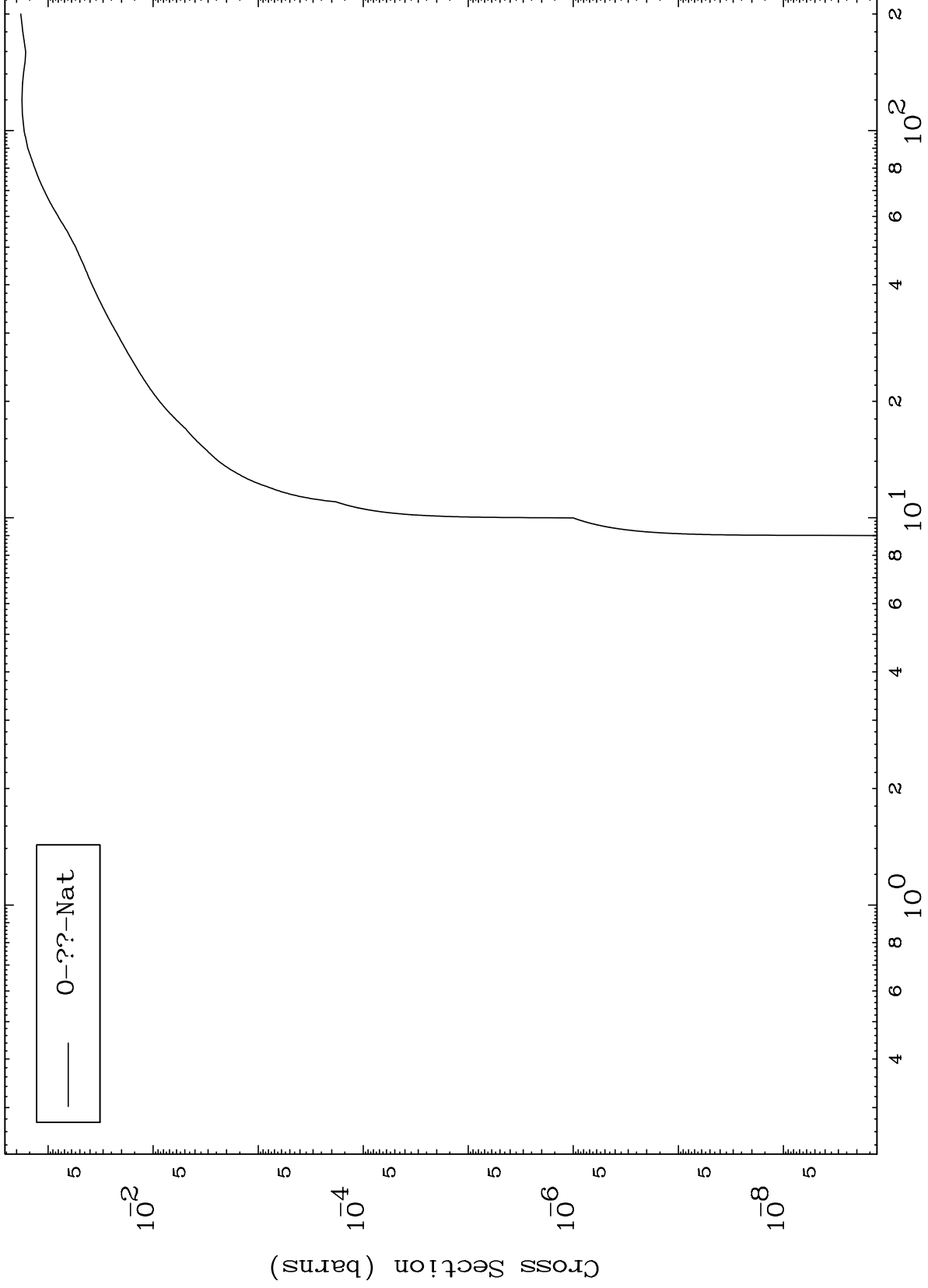
MAT 7901

Fission

<sup>79</sup>Au-189

Radionuclide Production Cross Section

— 0-??-Nat



15

Incident Energy (MeV)

<sup>79</sup>Au-189

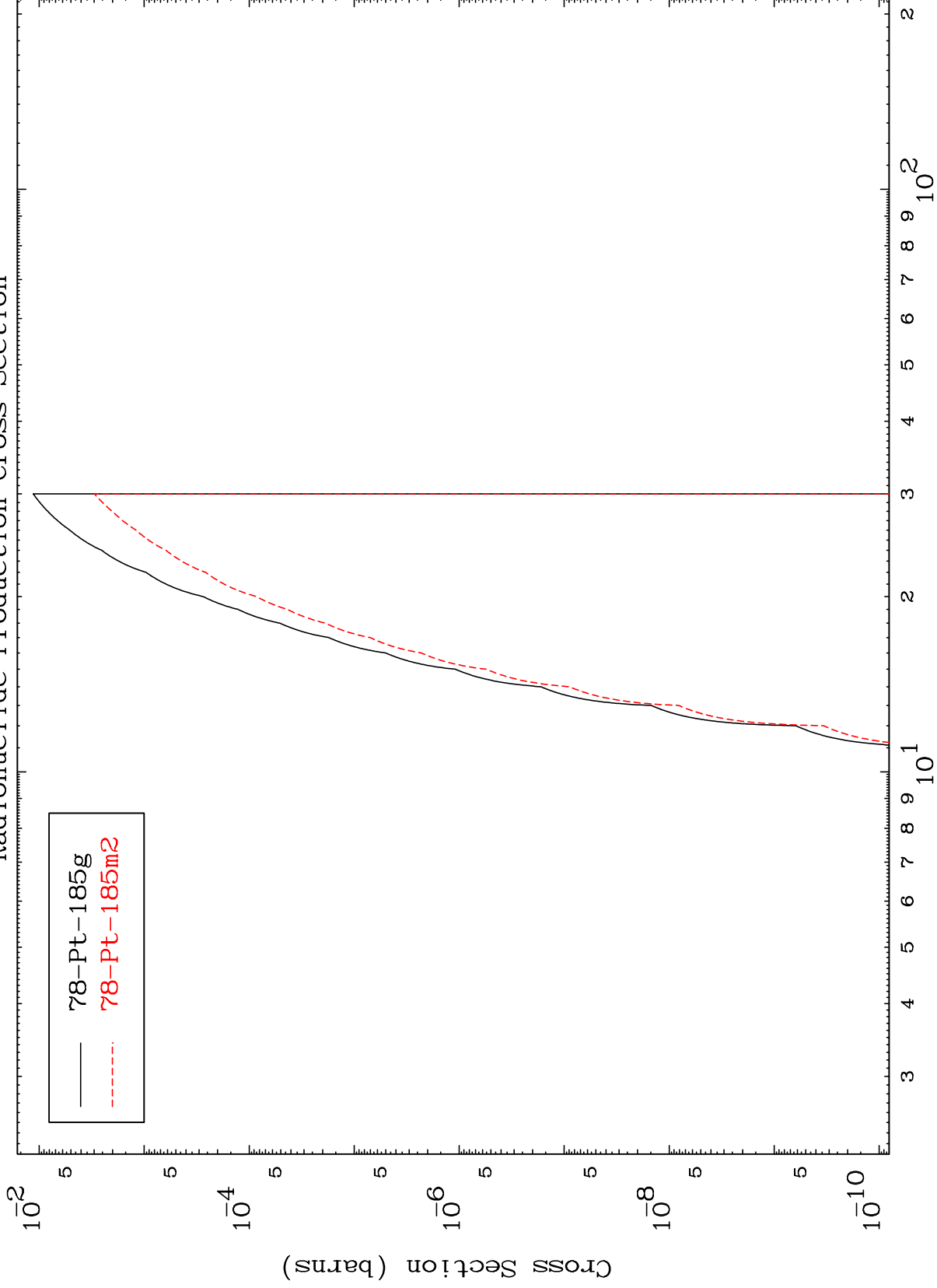


MAT 7901

$(n,2n) \alpha$

$^{79}\text{Au-189}$

Radionuclide Production Cross Section



16

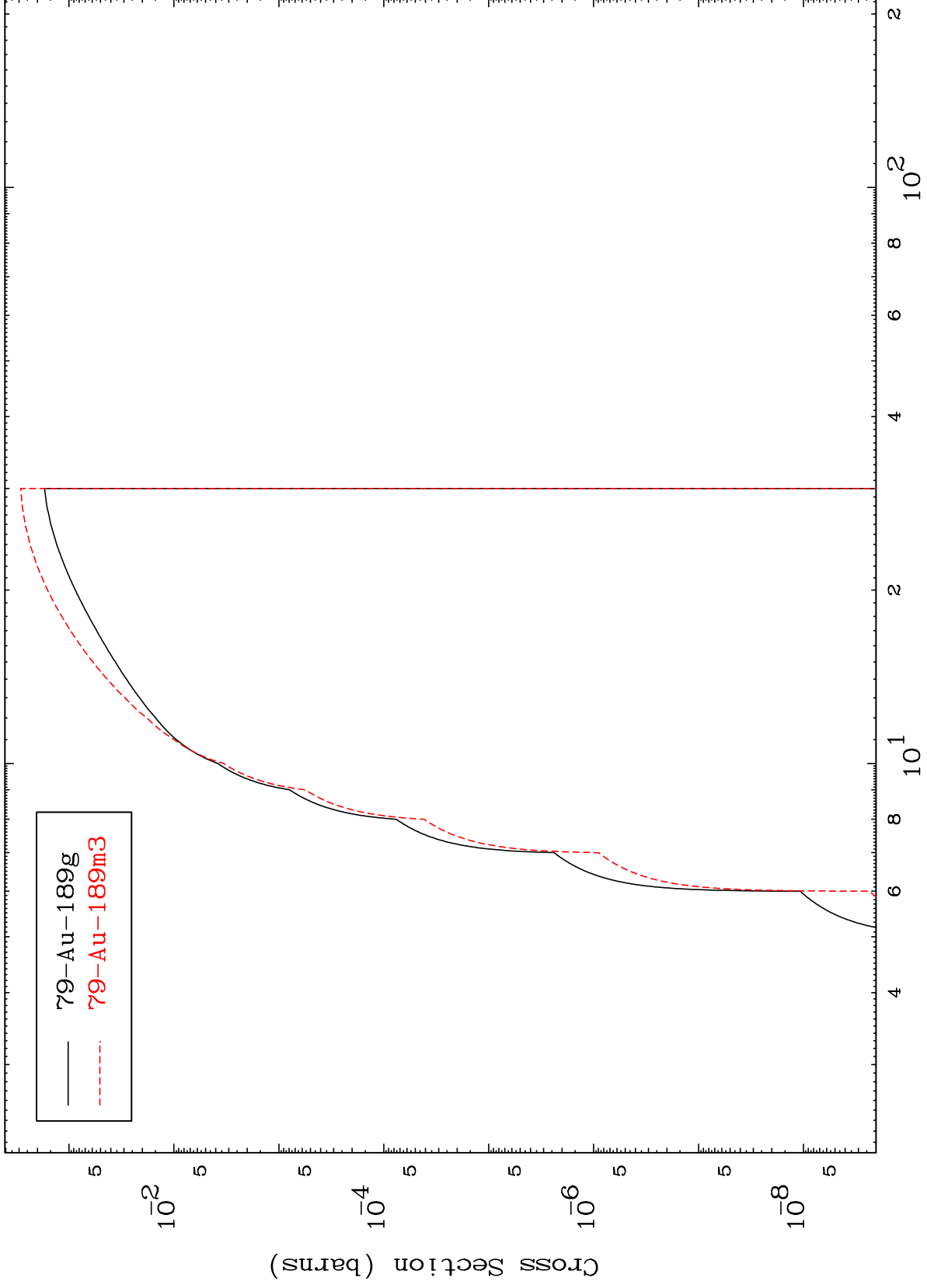
Incident Energy (MeV)

$^{79}\text{Au-189}$

MAT 7901

<sup>79</sup>Au-189

(n,n') p  
Radionuclide Production Cross Section



17

<sup>79</sup>Au-189

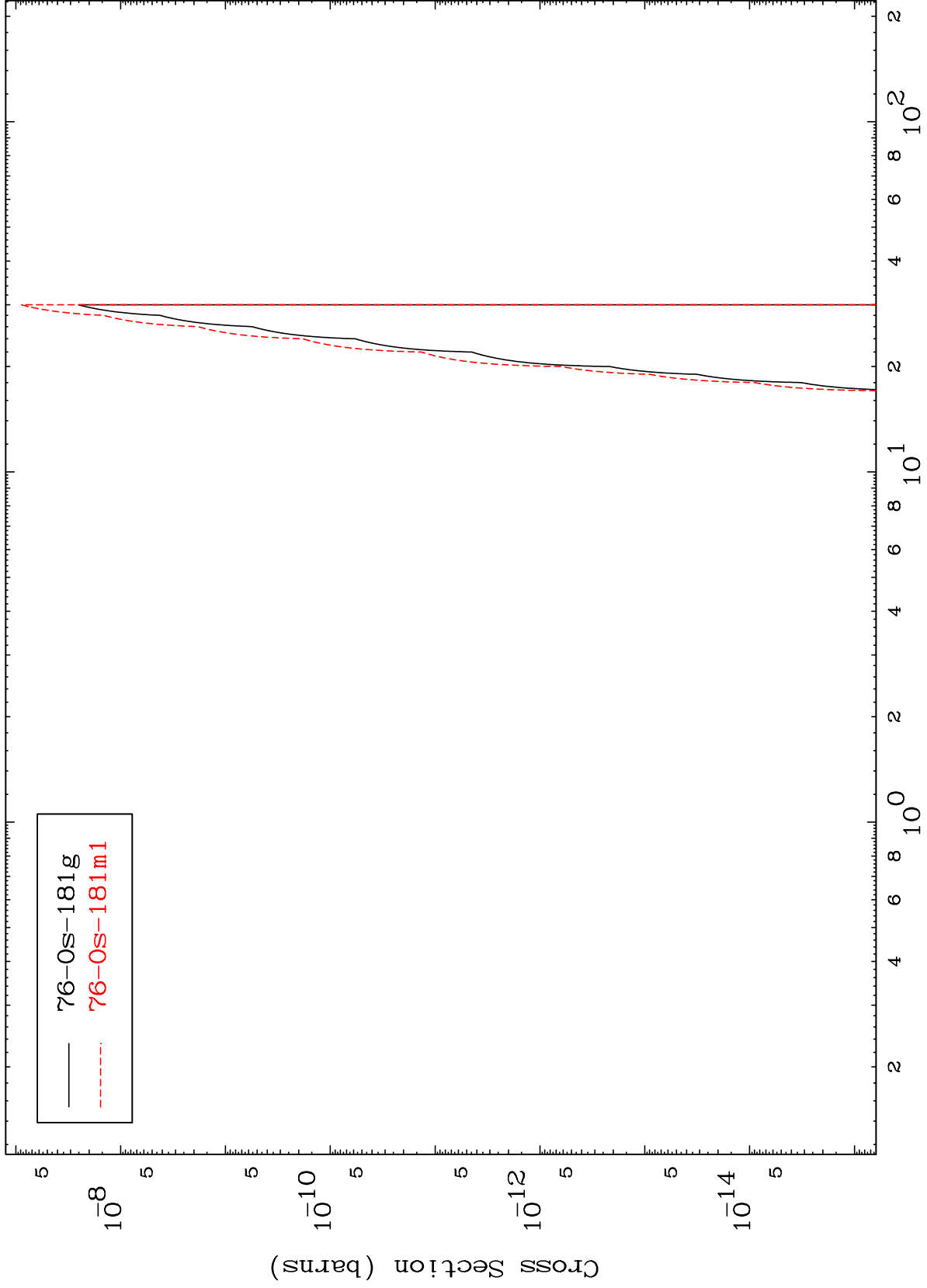
Incident Energy (MeV)

MAT 7901

$^{79}\text{Au-189}$

$^{79}\text{Au-189}$

Radionuclide Production Cross Section

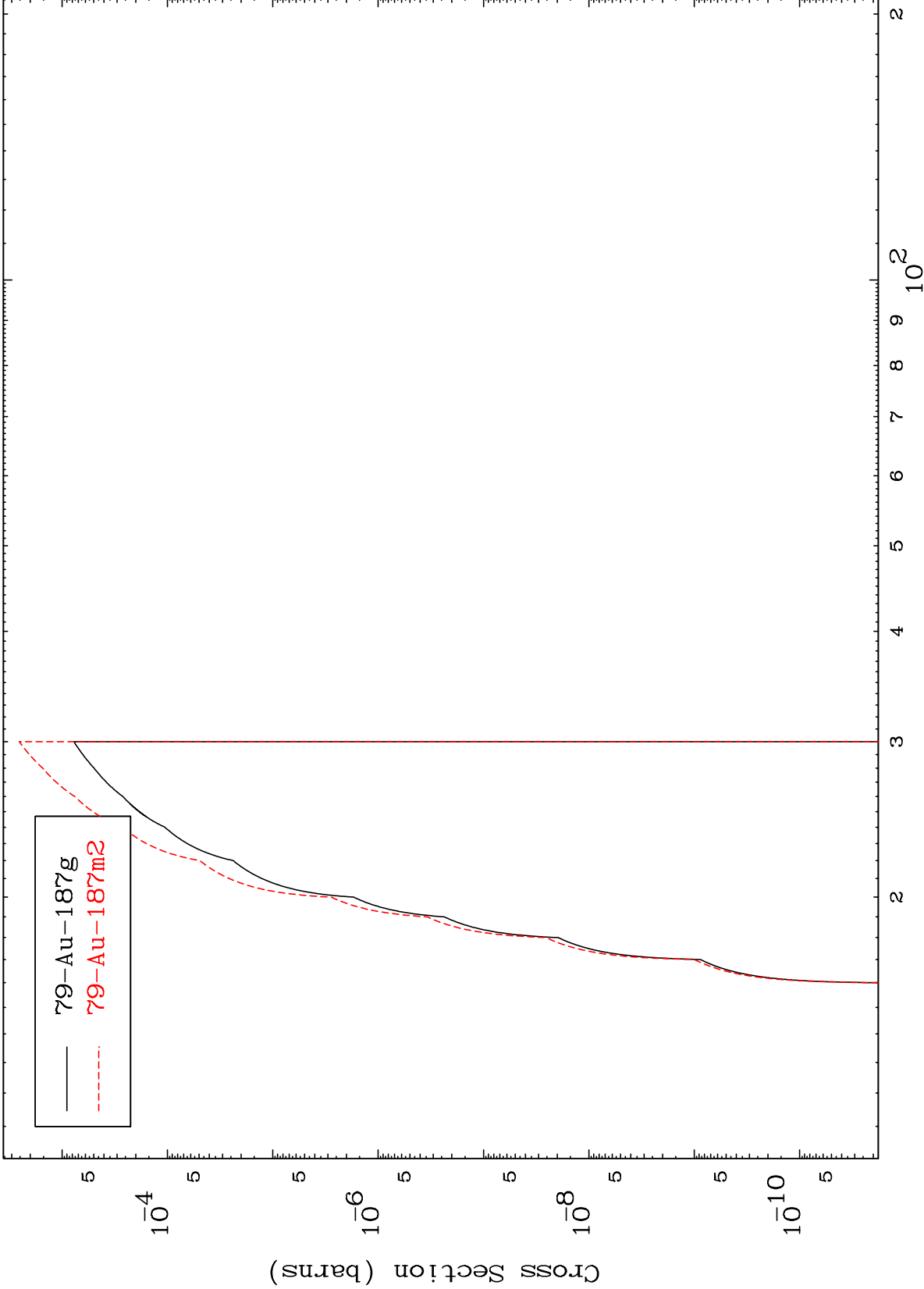


MAT 7901

(n,n') t

<sup>79</sup>Au-189

Radionuclide Production Cross Section



19

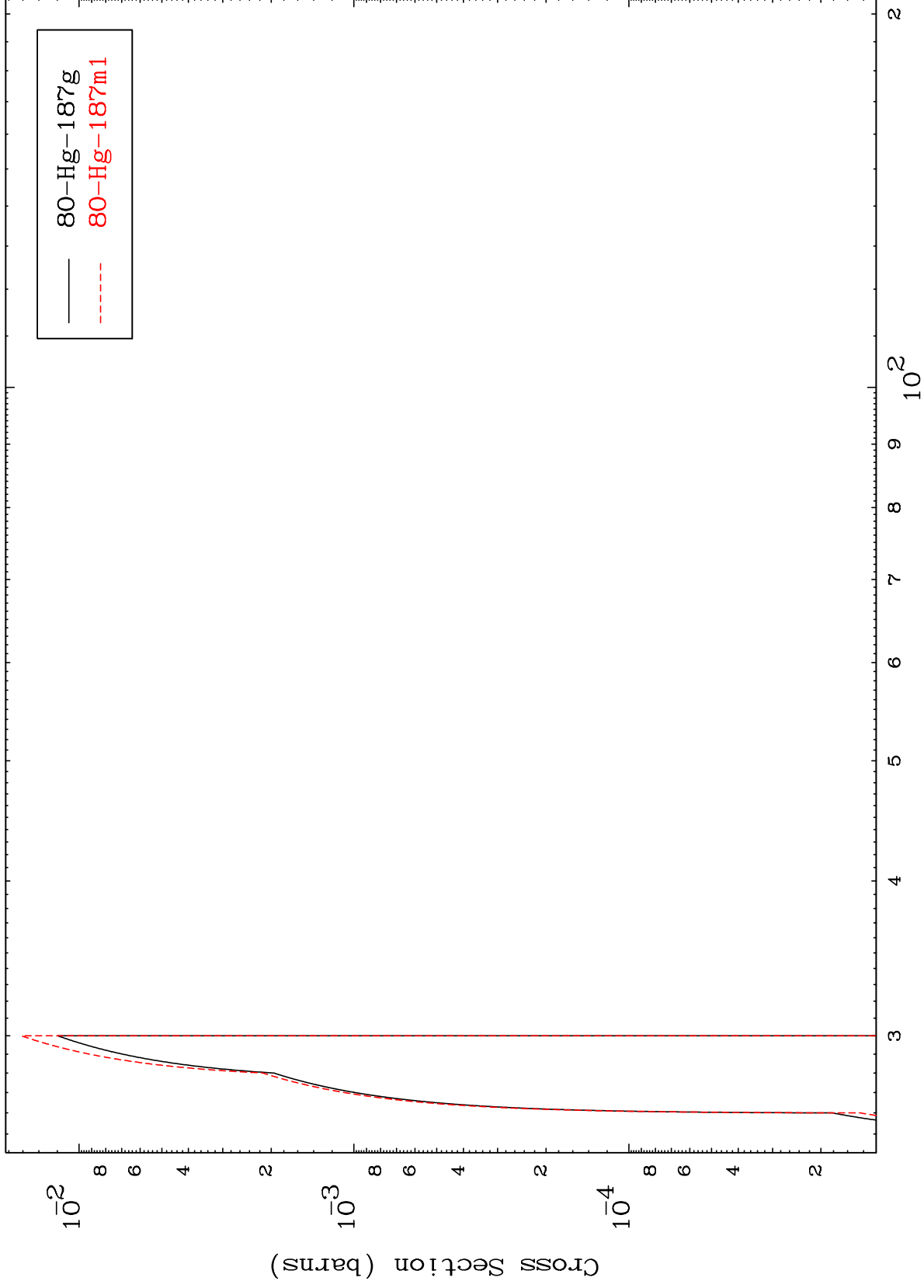
Incident Energy (MeV)

<sup>79</sup>Au-189

MAT 7901

79-Au-189

(n,4n)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

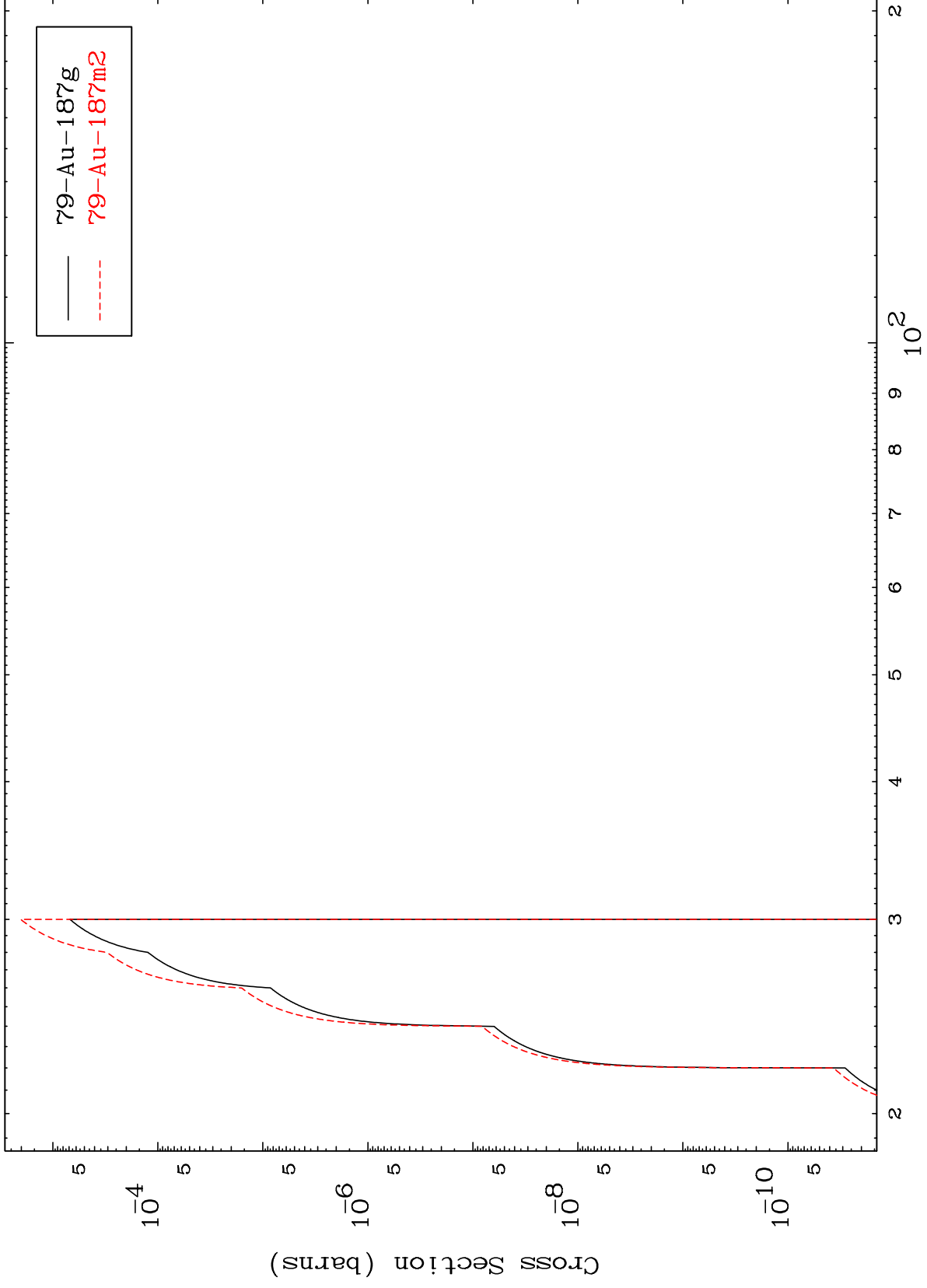
79-Au-189

MAT 7901

(n,3n) p

<sup>79</sup>Au-189

Radionuclide Production Cross Section



21

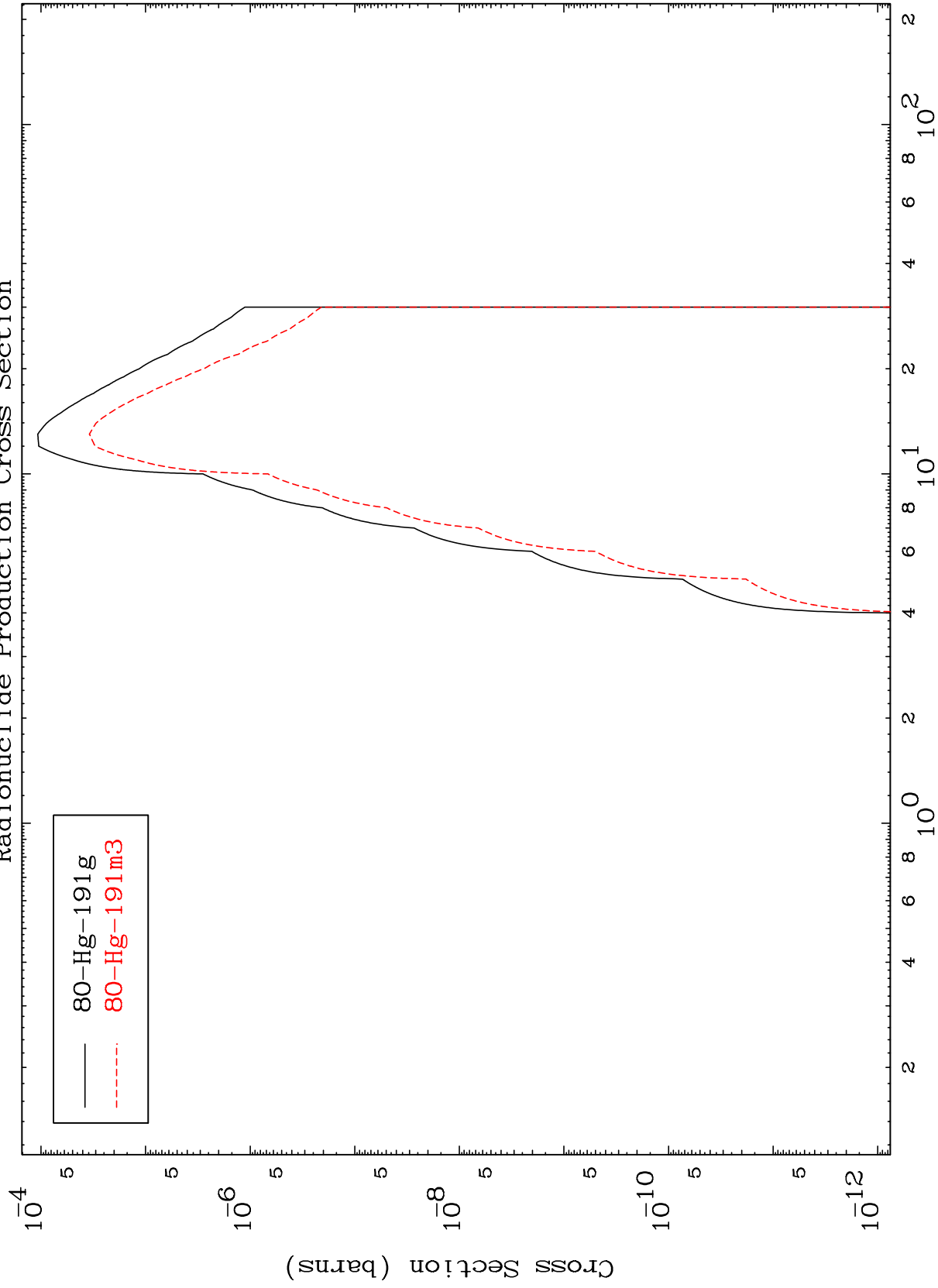
Incident Energy (MeV)

<sup>79</sup>Au-189

MAT 7901

79-Au-189

Radionuclide Production Cross Section



Incident Energy (MeV)

79-Au-189

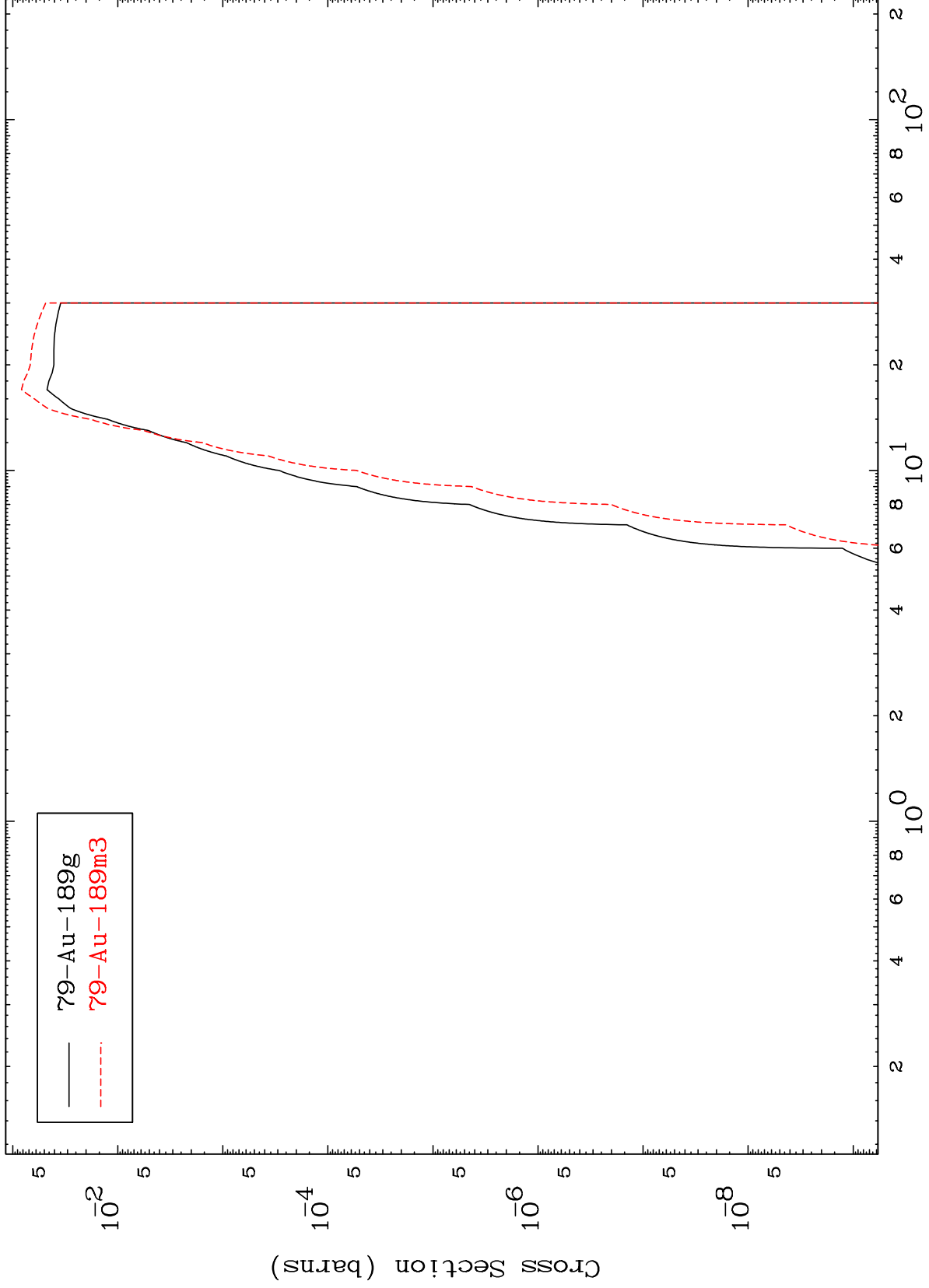
22

MAT 7901

(n,d)

<sup>79</sup>Au-189

Radionuclide Production Cross Section



23

Incident Energy (MeV)

<sup>79</sup>Au-189

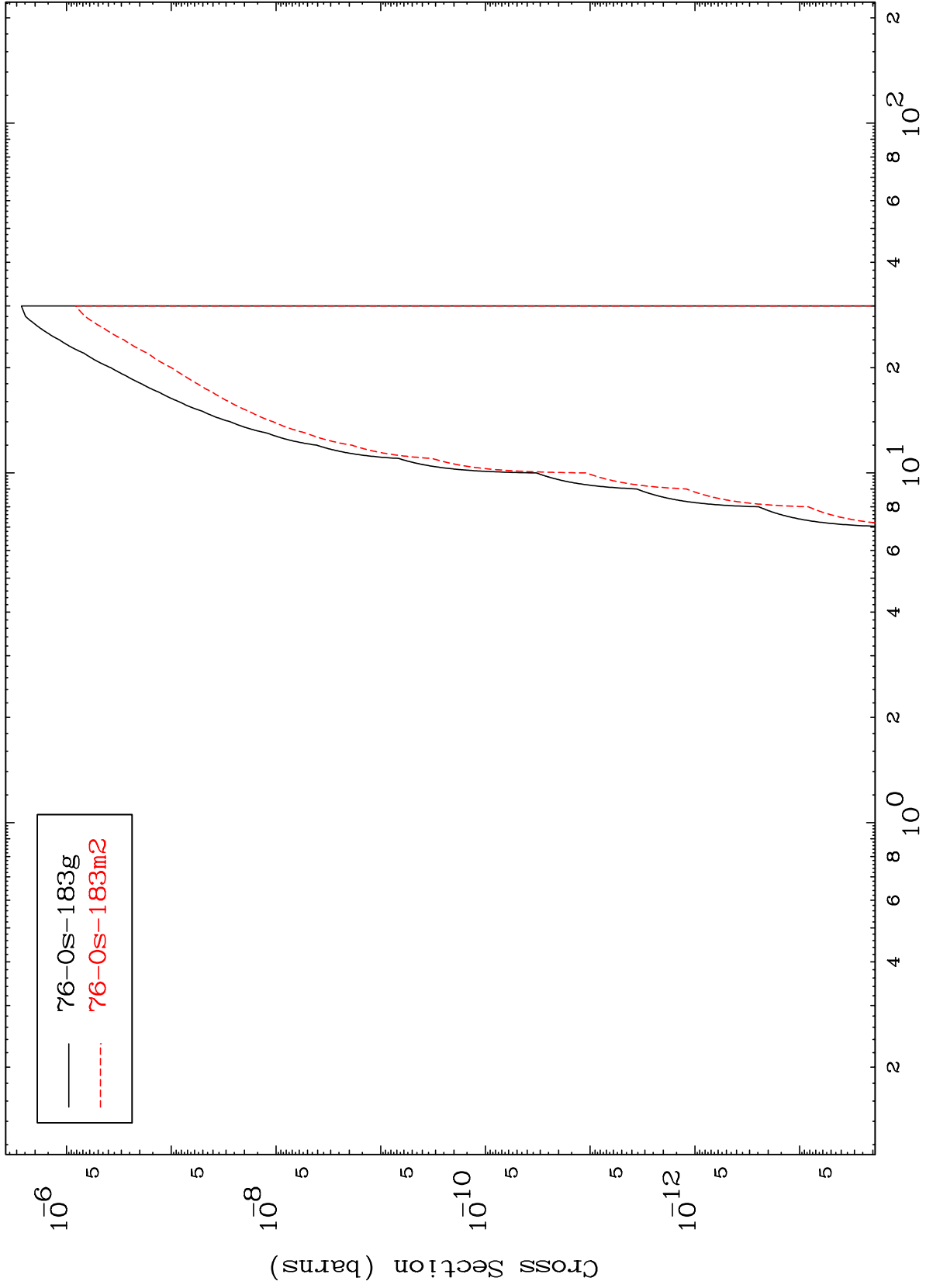


MAT 7901

(n,2α)

79-Au-189

Radionuclide Production Cross Section



24

Incident Energy (MeV)

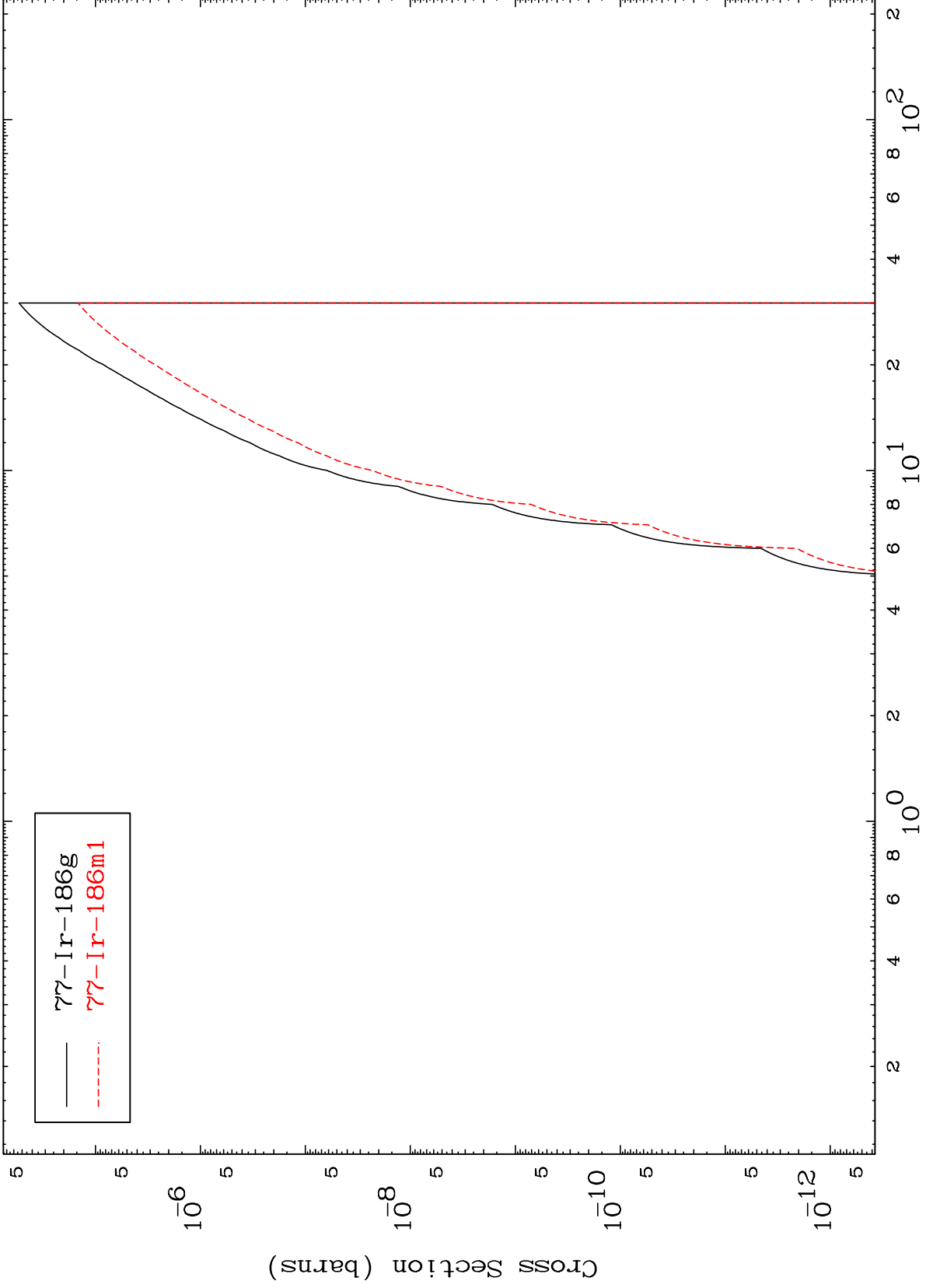
79-Au-189

MAT 7901

(n,p)  $\alpha$

<sup>79</sup>Au-189

Radionuclide Production Cross Section



25

Incident Energy (MeV)

<sup>79</sup>Au-189