

Program EVALPLOT  
(Version 2018-1)

by

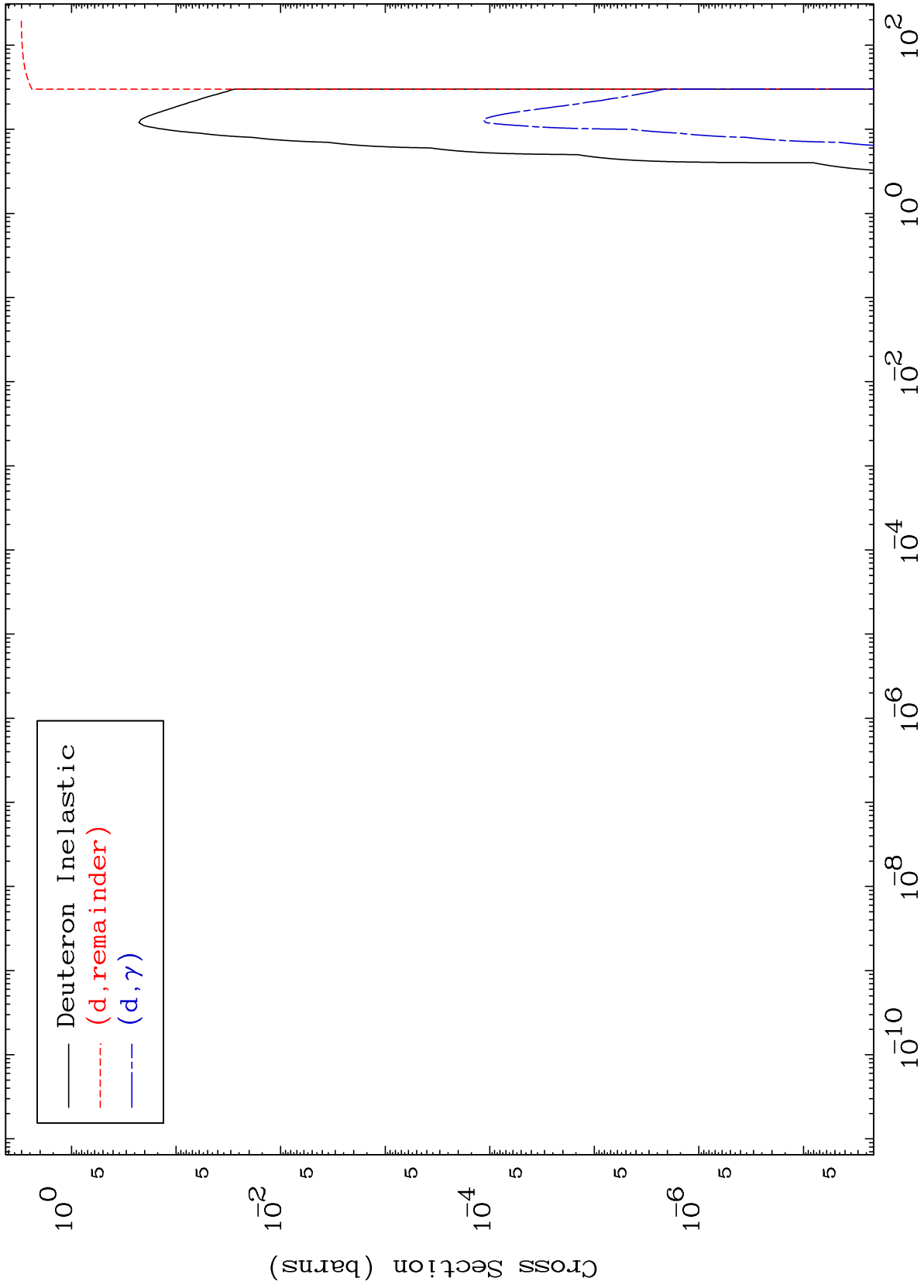
Dermott E. Cullen  
(Present Contact Information)

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Livermore, CA 94550  
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net  
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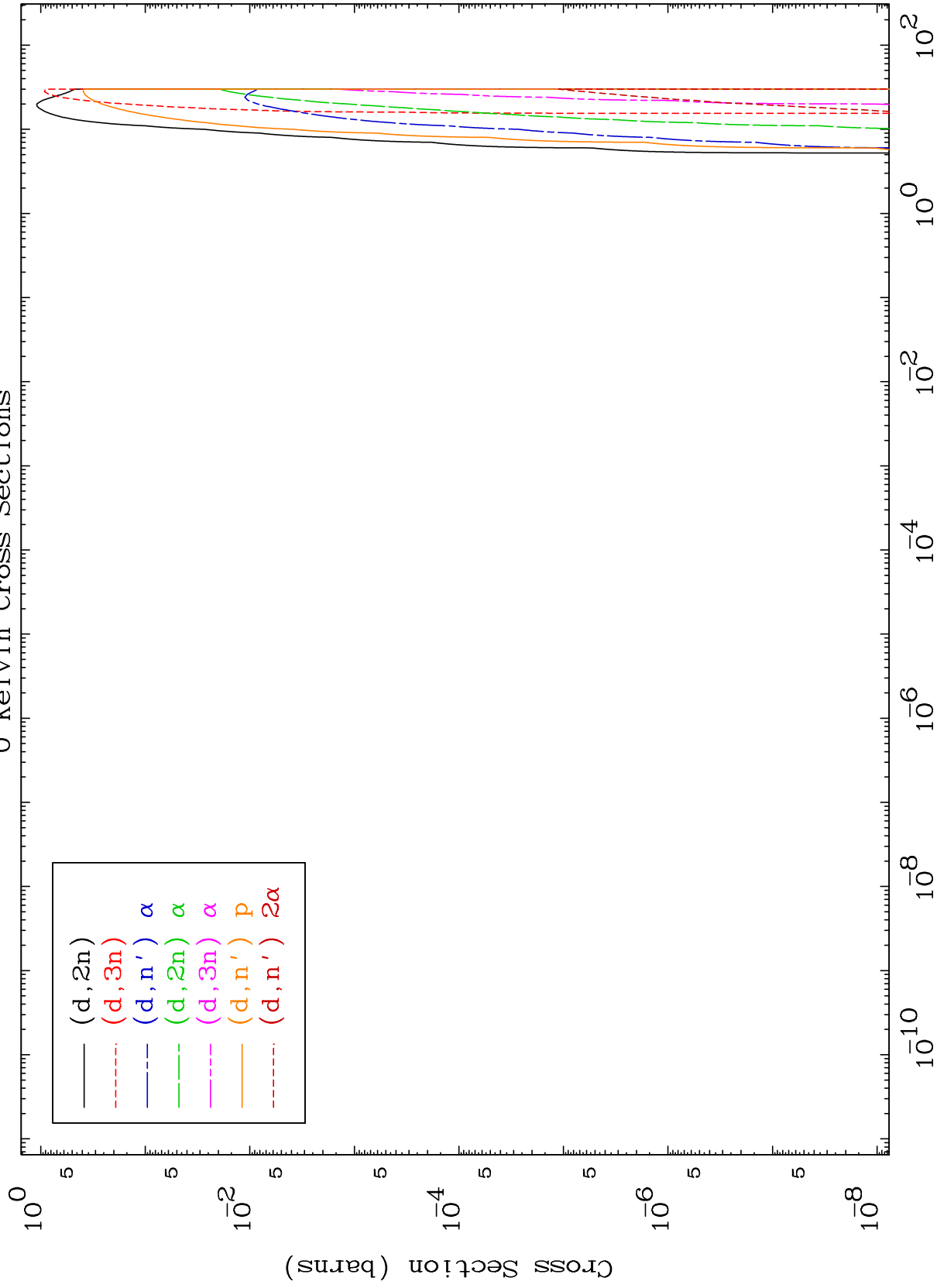
Press Mouse Button to Start



MAT 7898

Deuteron Neutron Production  
0 Kelvin Cross Sections

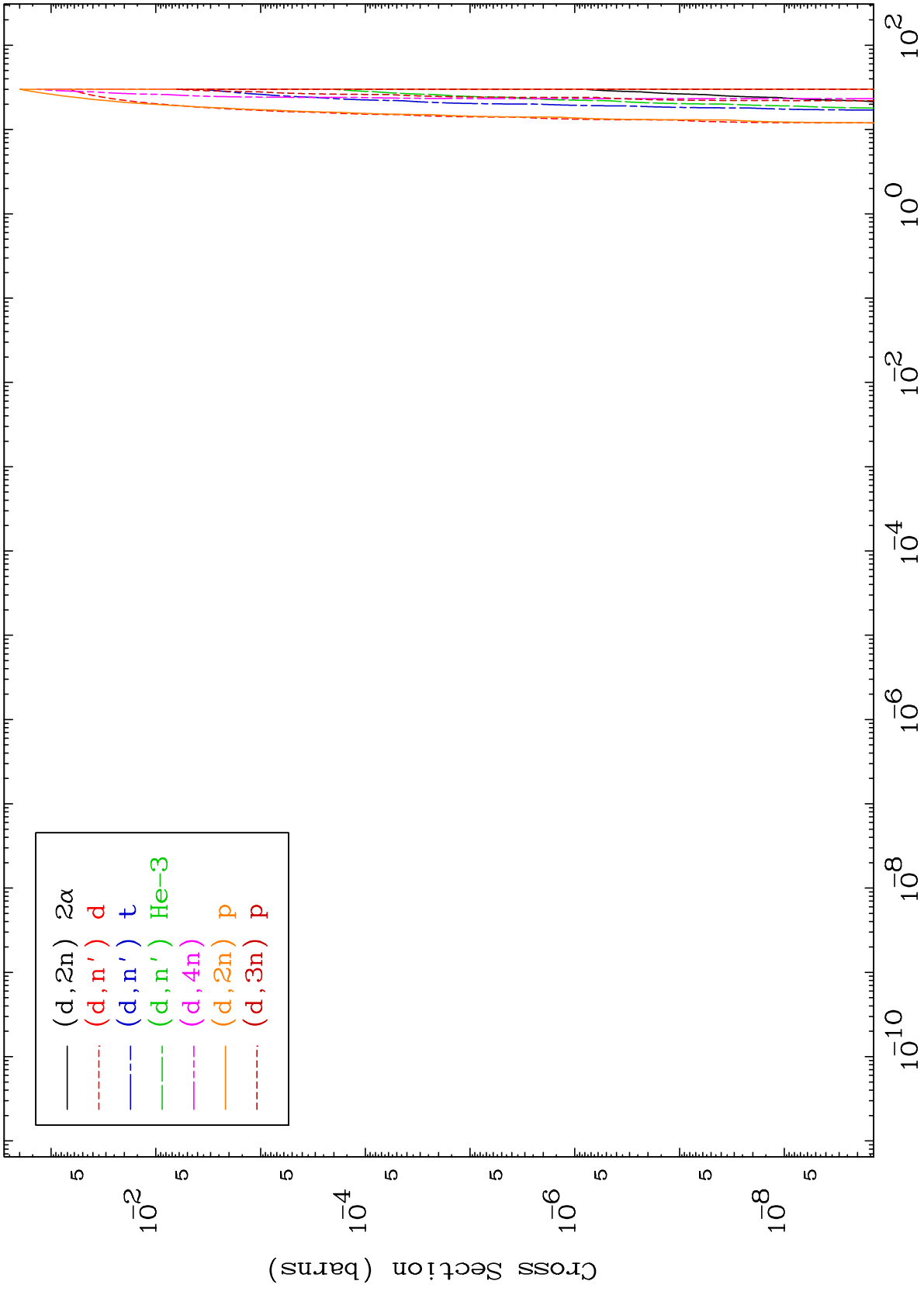
79-Au-188



2

Incident Energy (MeV)

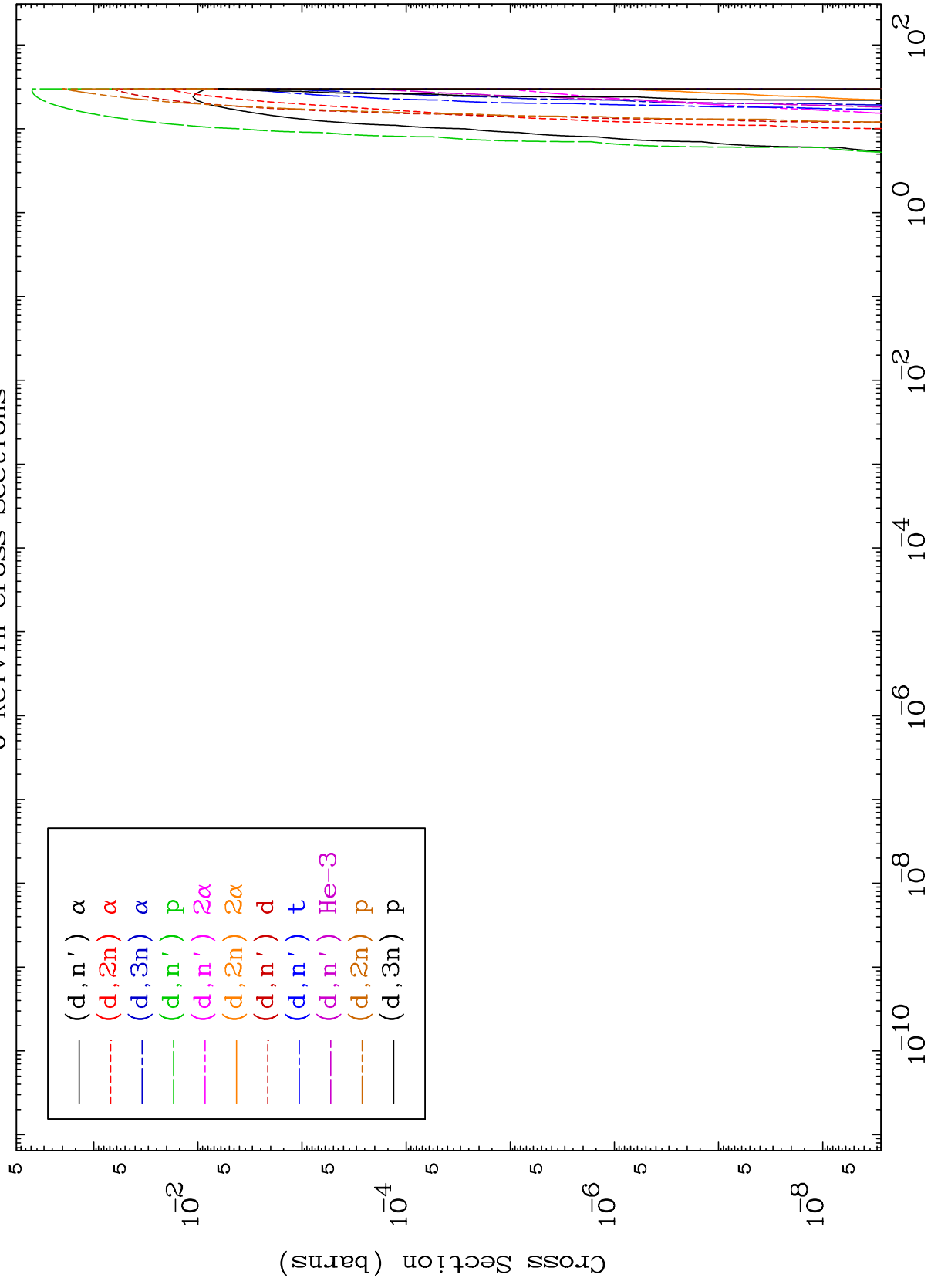
79-Au-188



MAT 7898

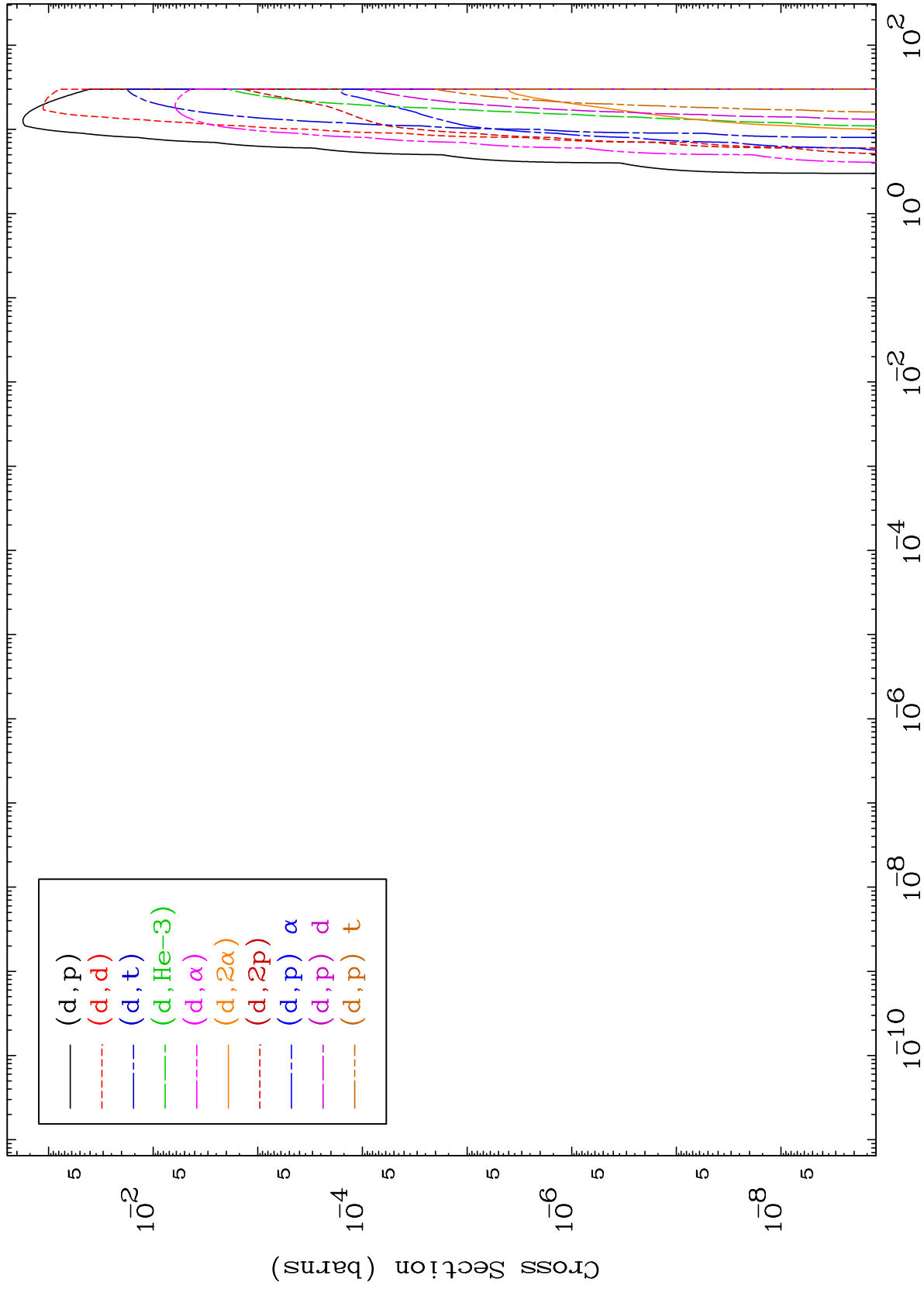
Deuteron Charged Particle  
0 Kelvin Cross Sections

79-Au-188



79-Au-188

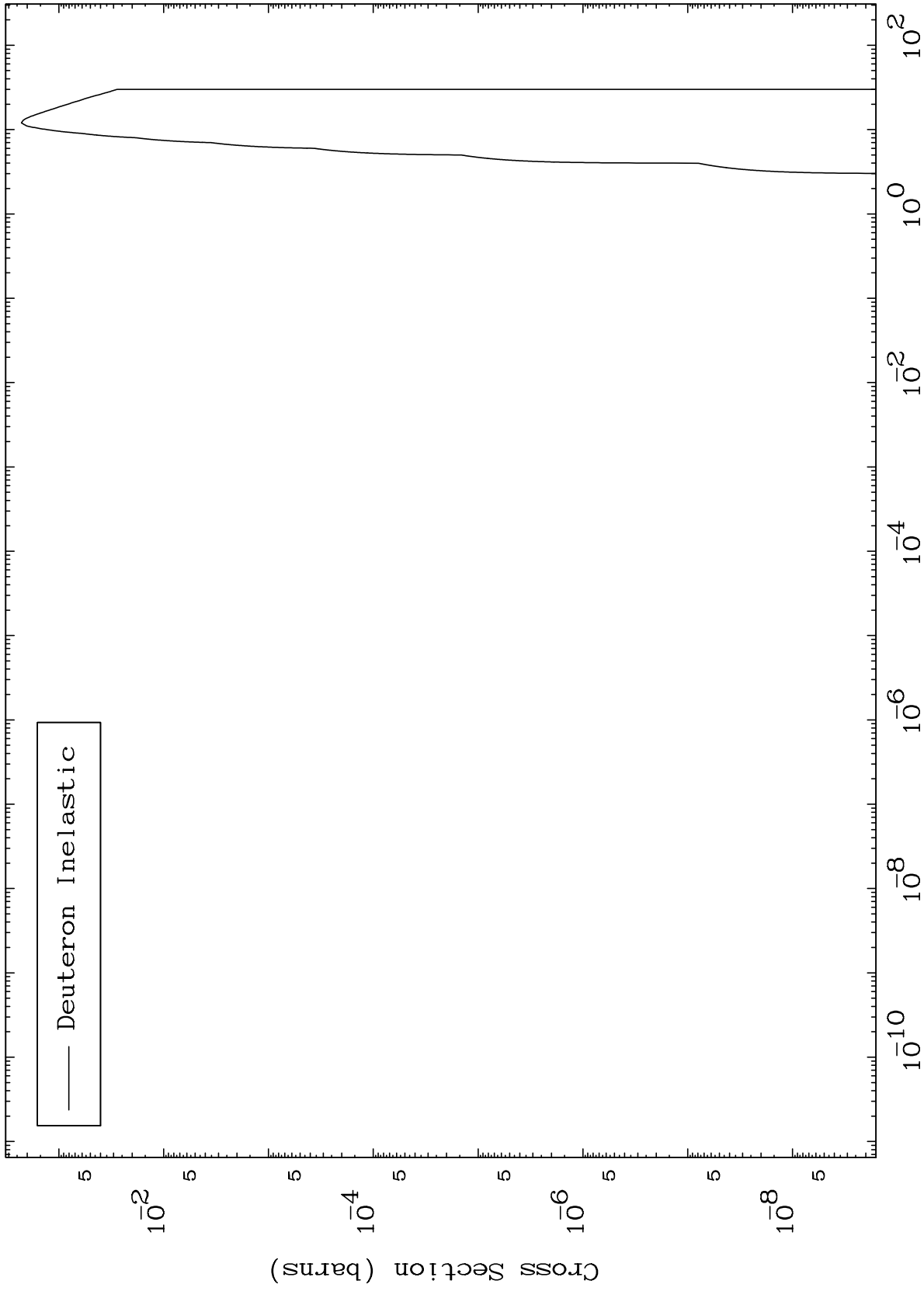
Incident Energy (MeV)



MAT 7898

(d,n') Level  
0 Kelvin Cross Sections

79-Au-188



6

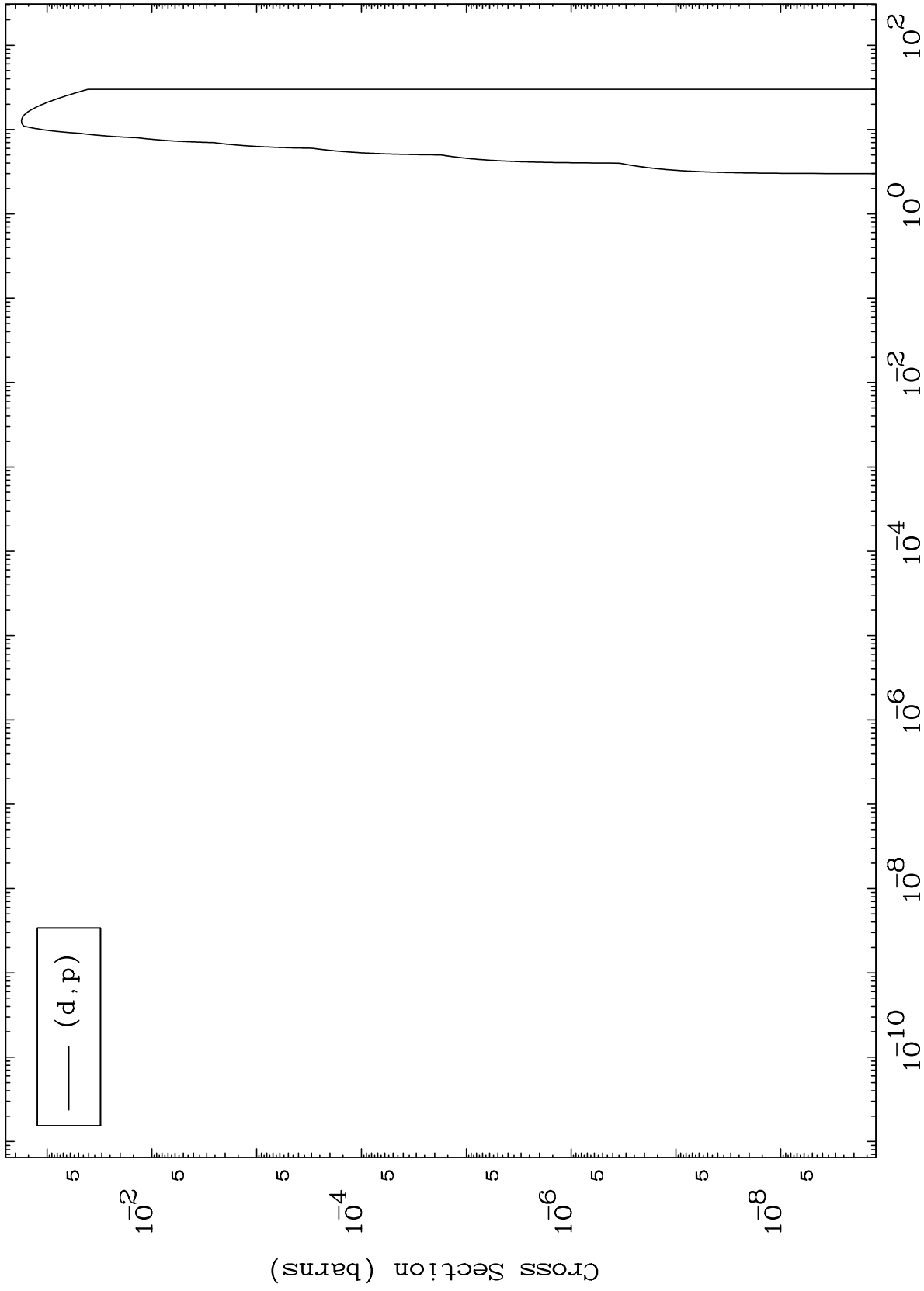
Incident Energy (MeV)

79-Au-188

MAT 7898

(d,p) Levels  
0 Kelvin Cross Sections

79-Au-188

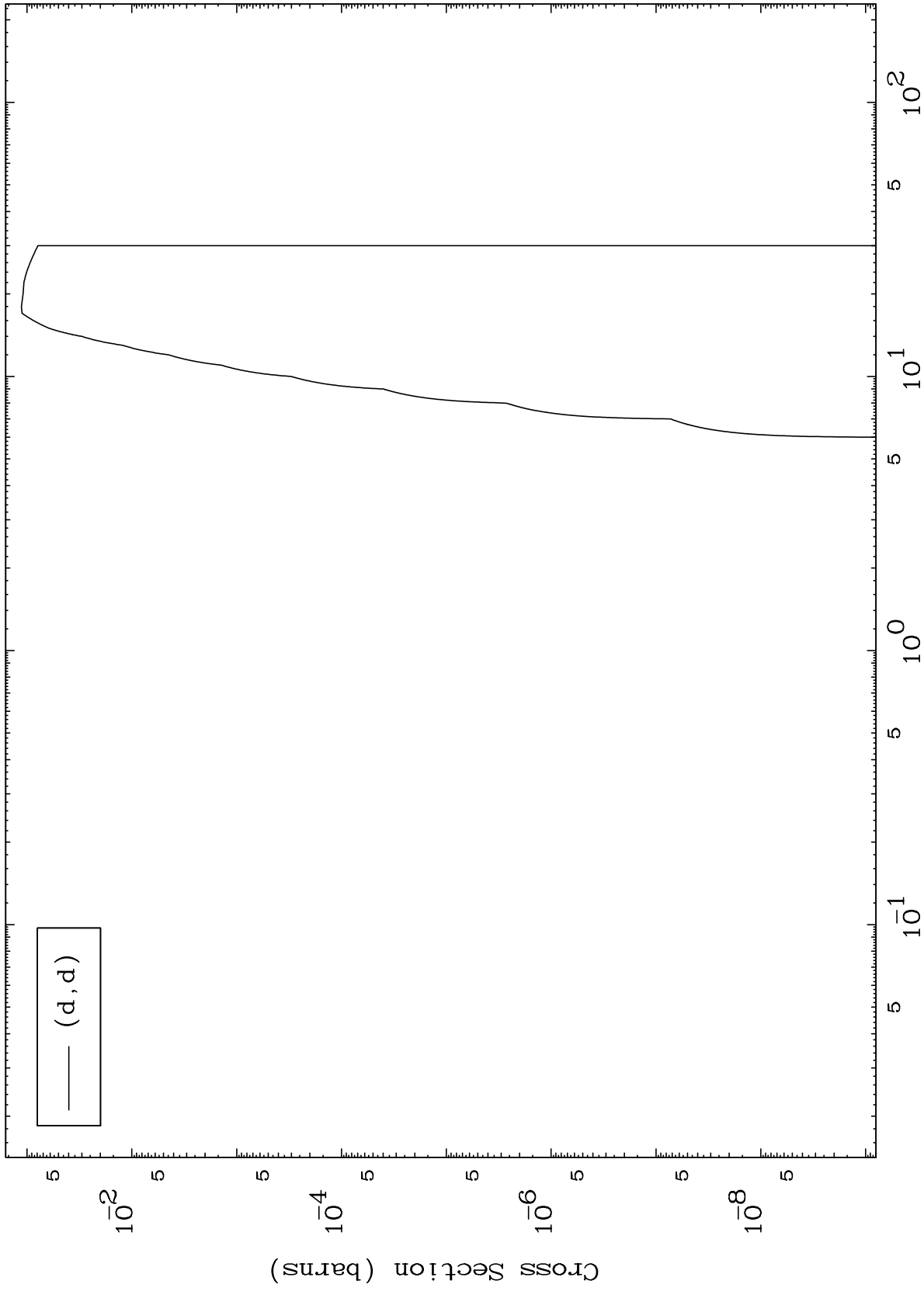


7

Incident Energy (MeV)

79-Au-188

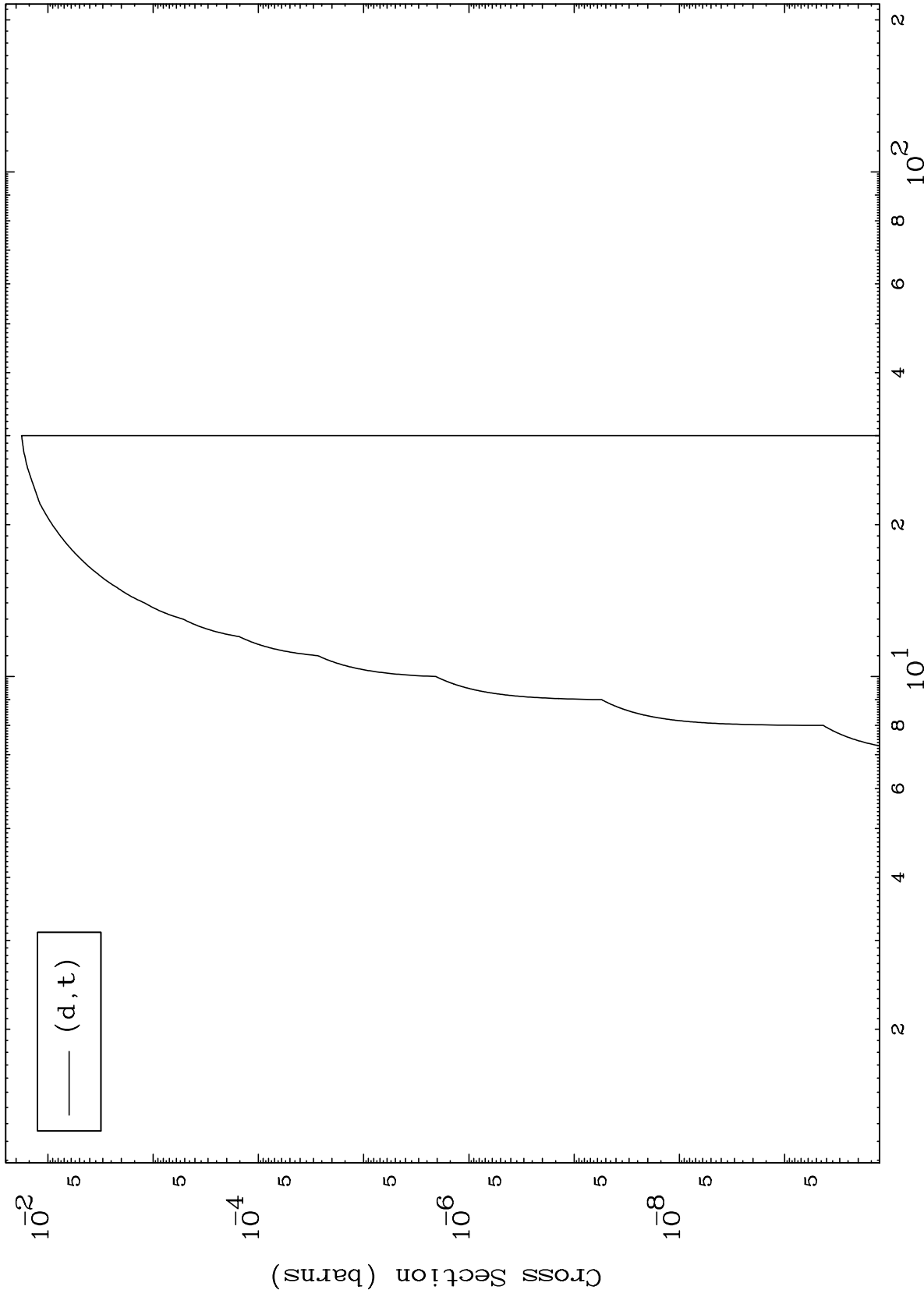




MAT 7898

(d,t) Levels  
0 Kelvin Cross Sections

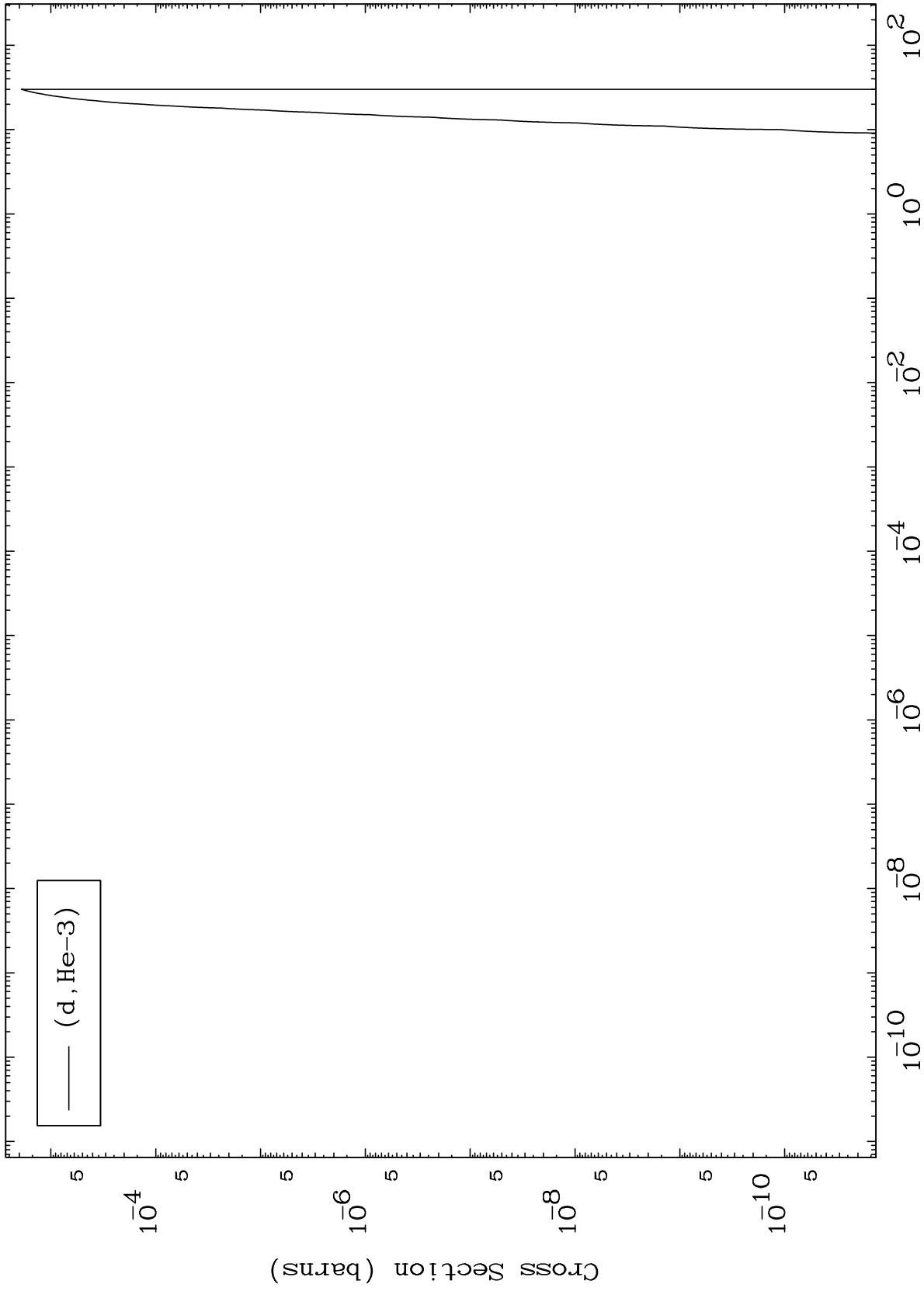
<sup>79</sup>Au-188



MAT 7898

(d,He3) Levels  
0 Kelvin Cross Sections

79-Au-188



10

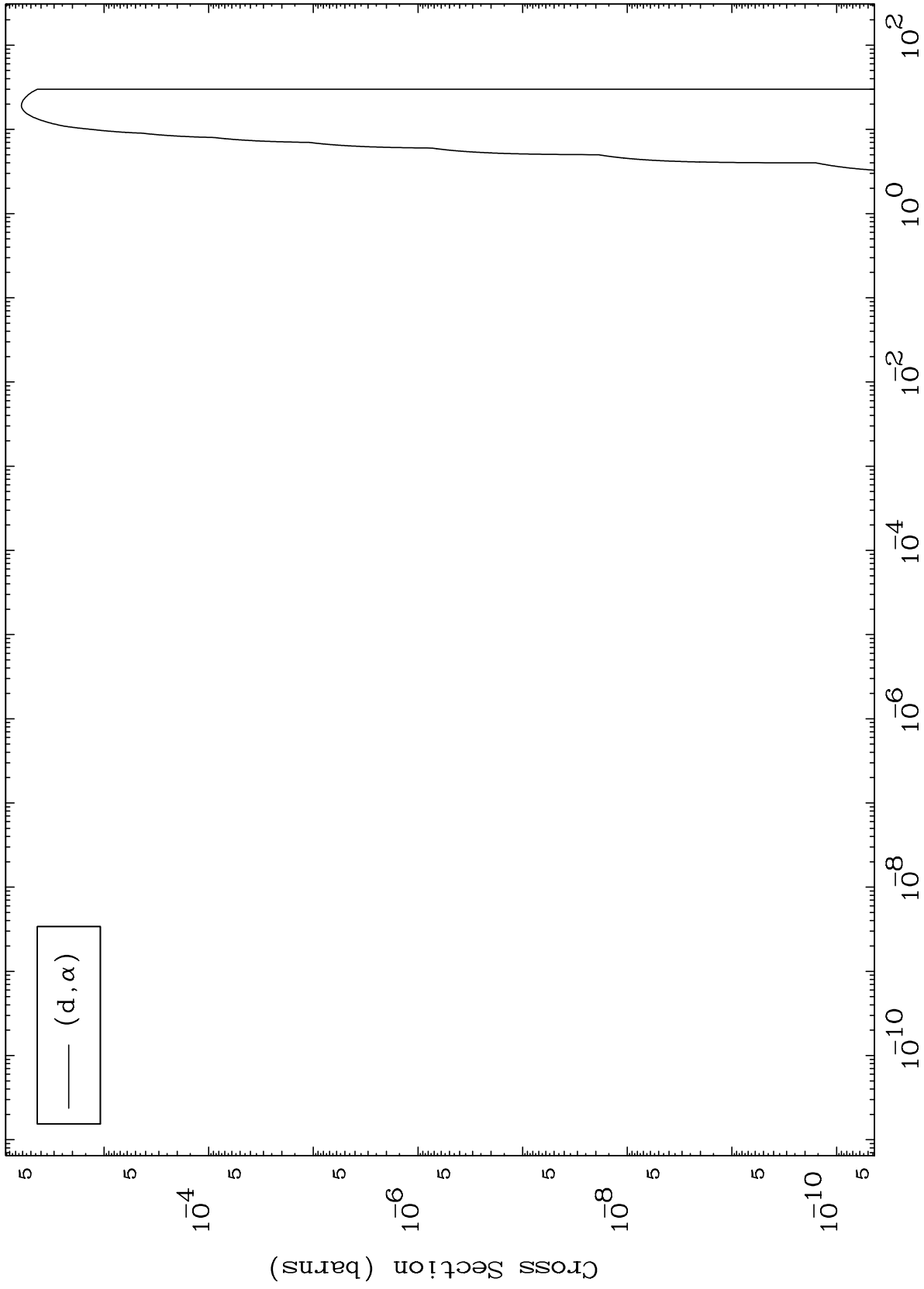
Incident Energy (MeV)

79-Au-188

MAT 7898

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

79-Au-188



11

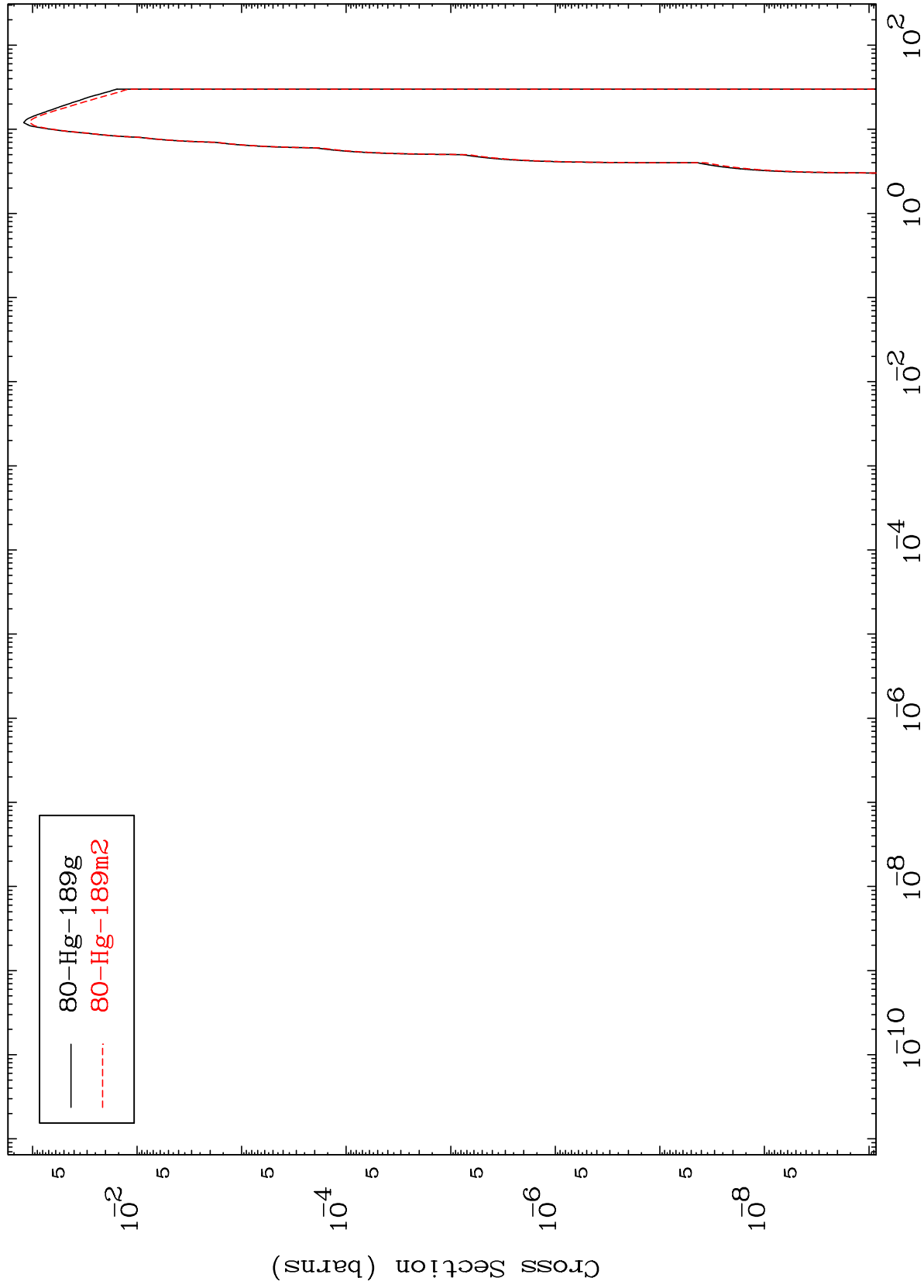
Incident Energy (MeV)

79-Au-188

MAT 7898

Deuteron Inelastic  
Radionuclide Production Cross Section

79-Au-188

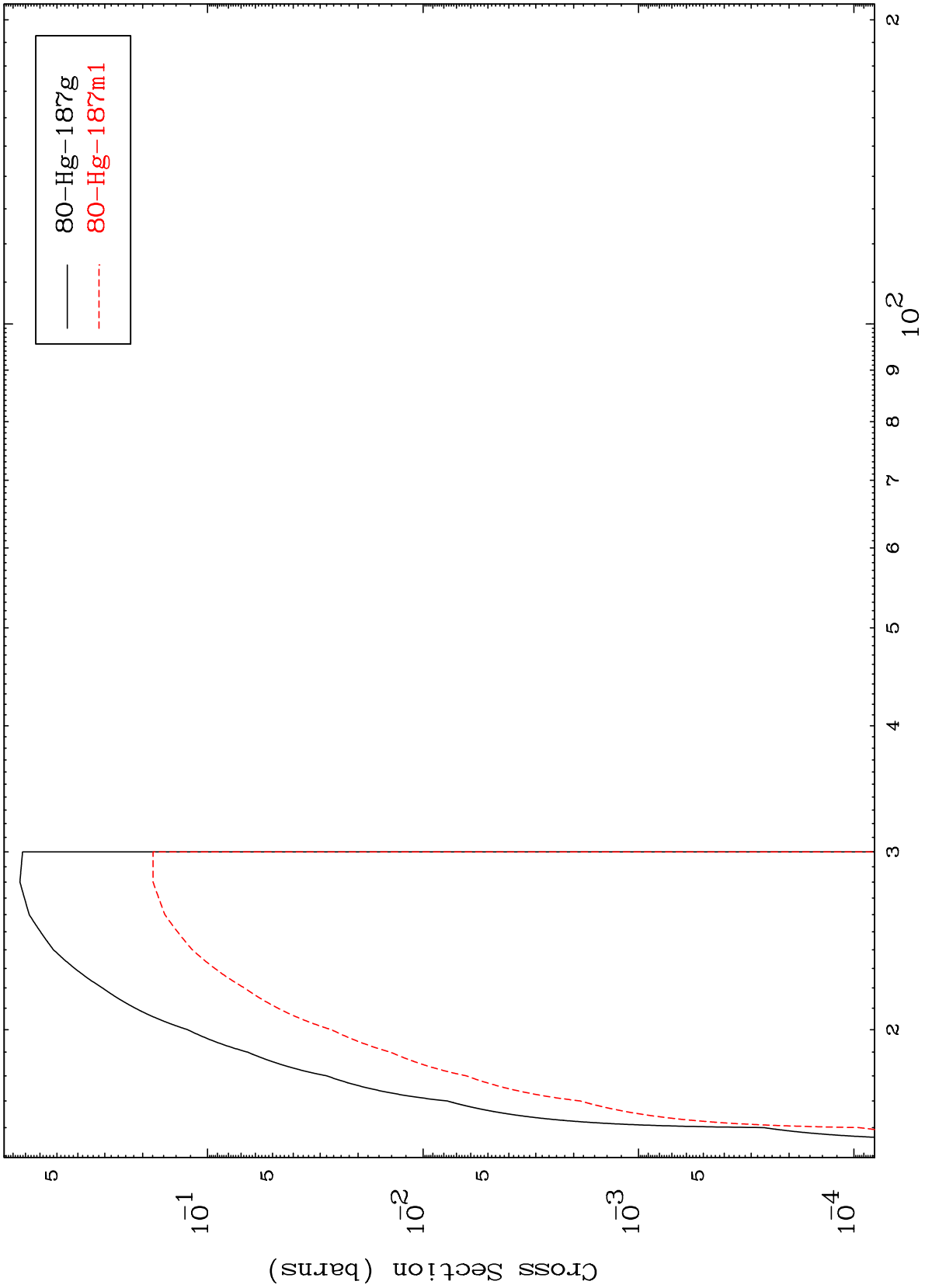


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(d,3n)

79-Au-188

Radionuclide Production Cross Section



13

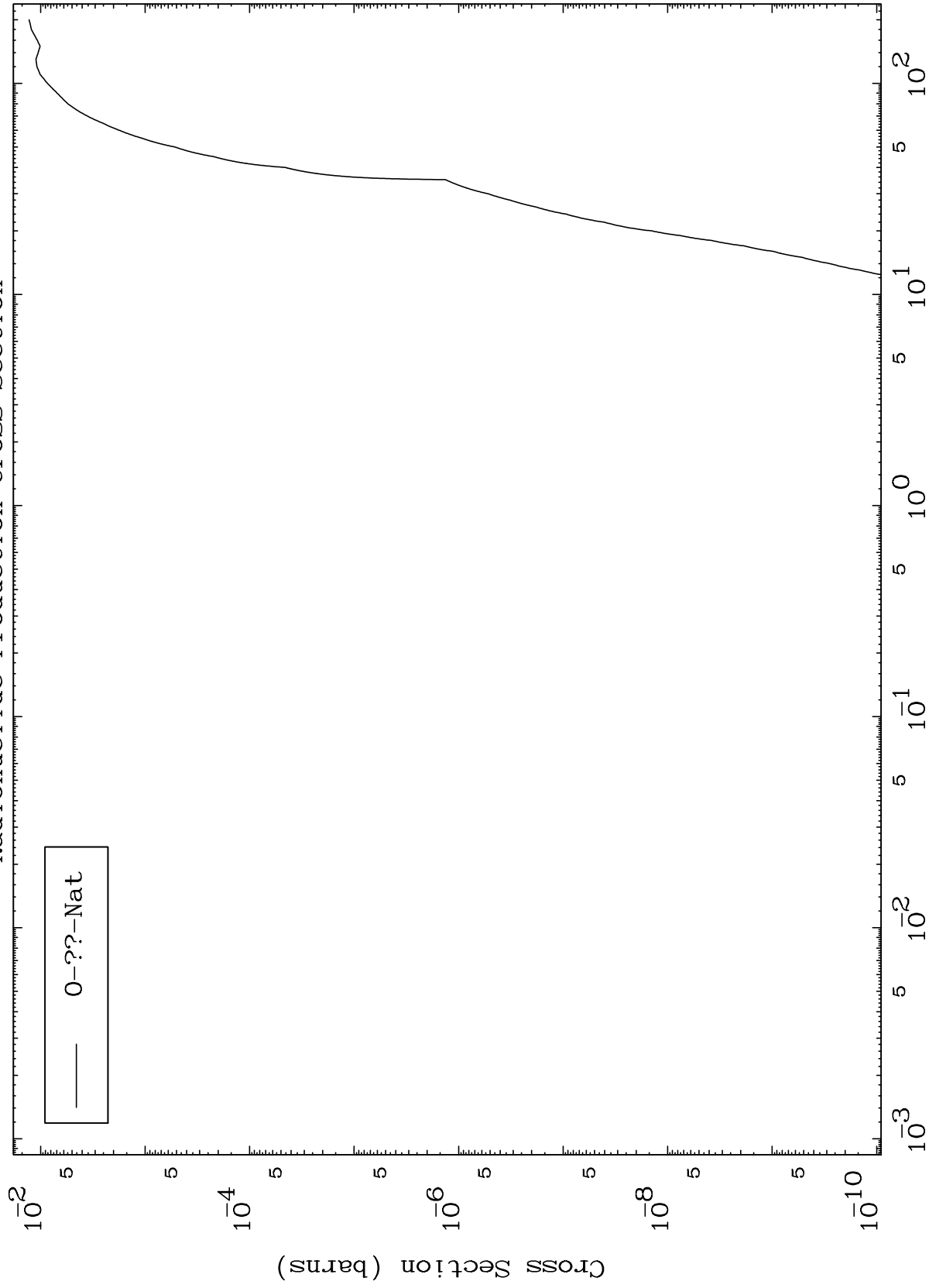
Incident Energy (MeV)

79-Au-188

MAT 7898

Deuteron Fission  
Radionuclide Production Cross Section

79-Au-188



14

Incident Energy (MeV)

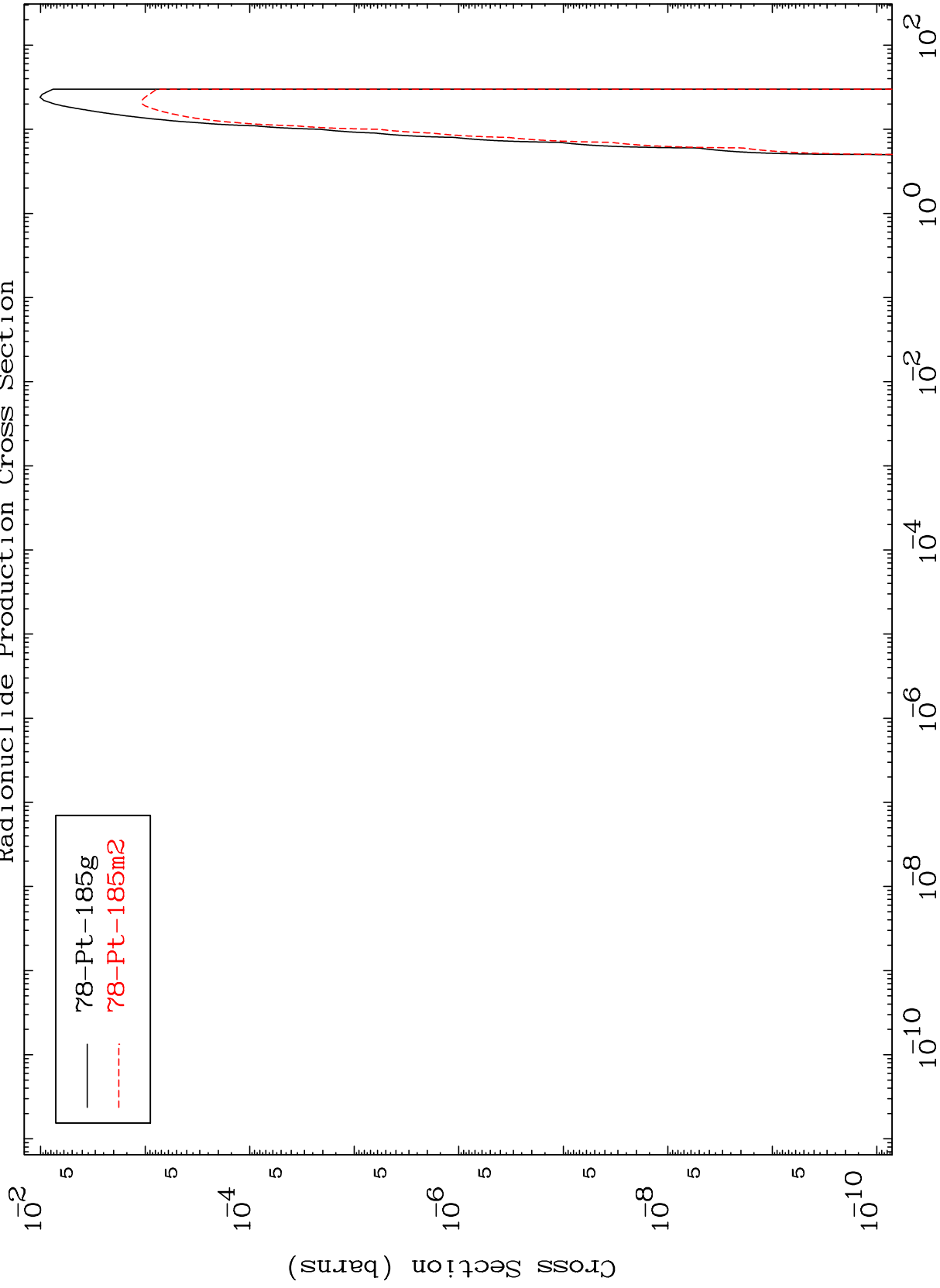
79-Au-188

MAT 7898

(d,n')  $\alpha$

<sup>79</sup>Au-188

Radionuclide Production Cross Section



15

Incident Energy (MeV)

<sup>79</sup>Au-188

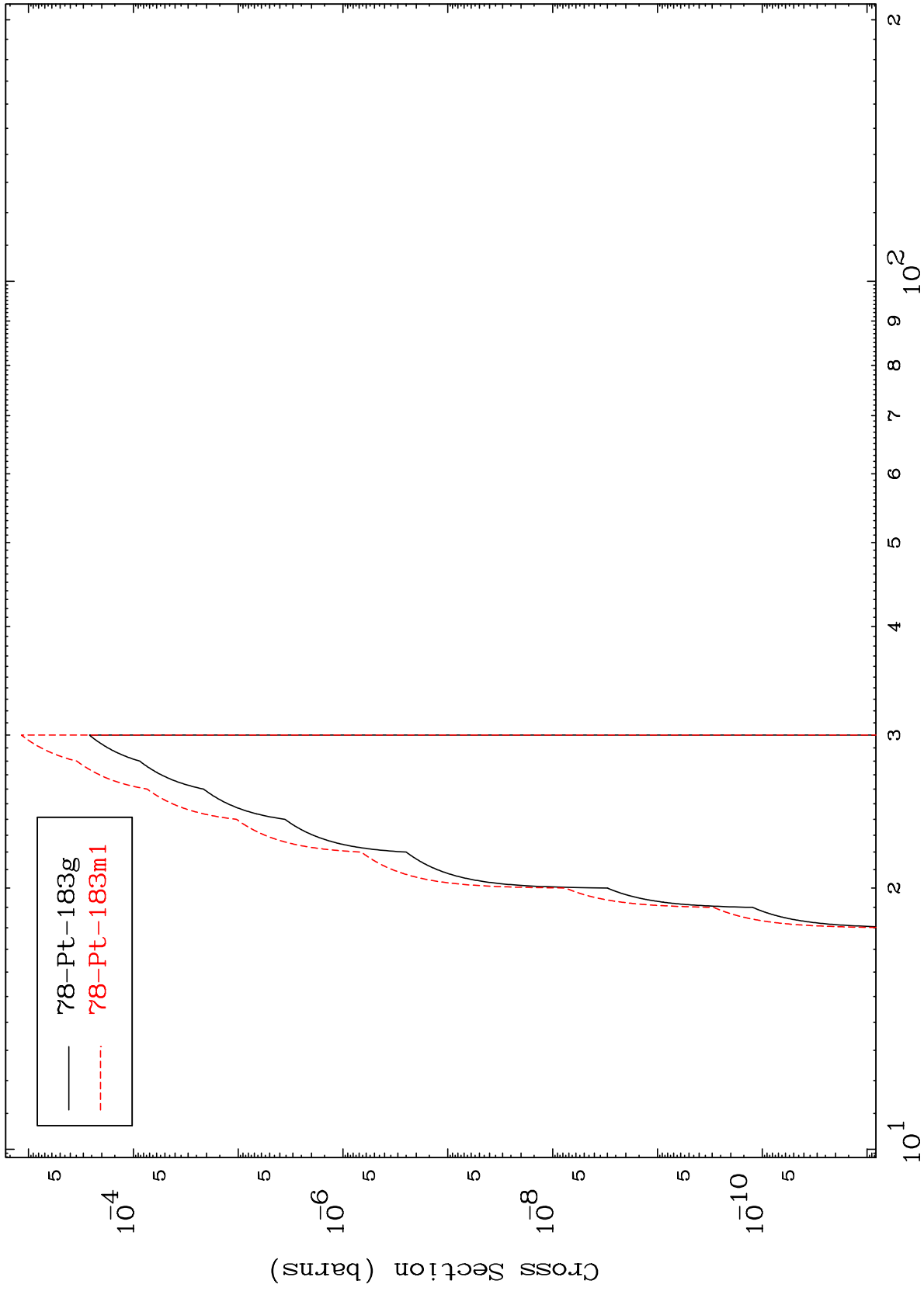


MAT 7898

(d,3n)  $\alpha$

<sup>79</sup>Au-188

Radionuclide Production Cross Section



Incident Energy (MeV)

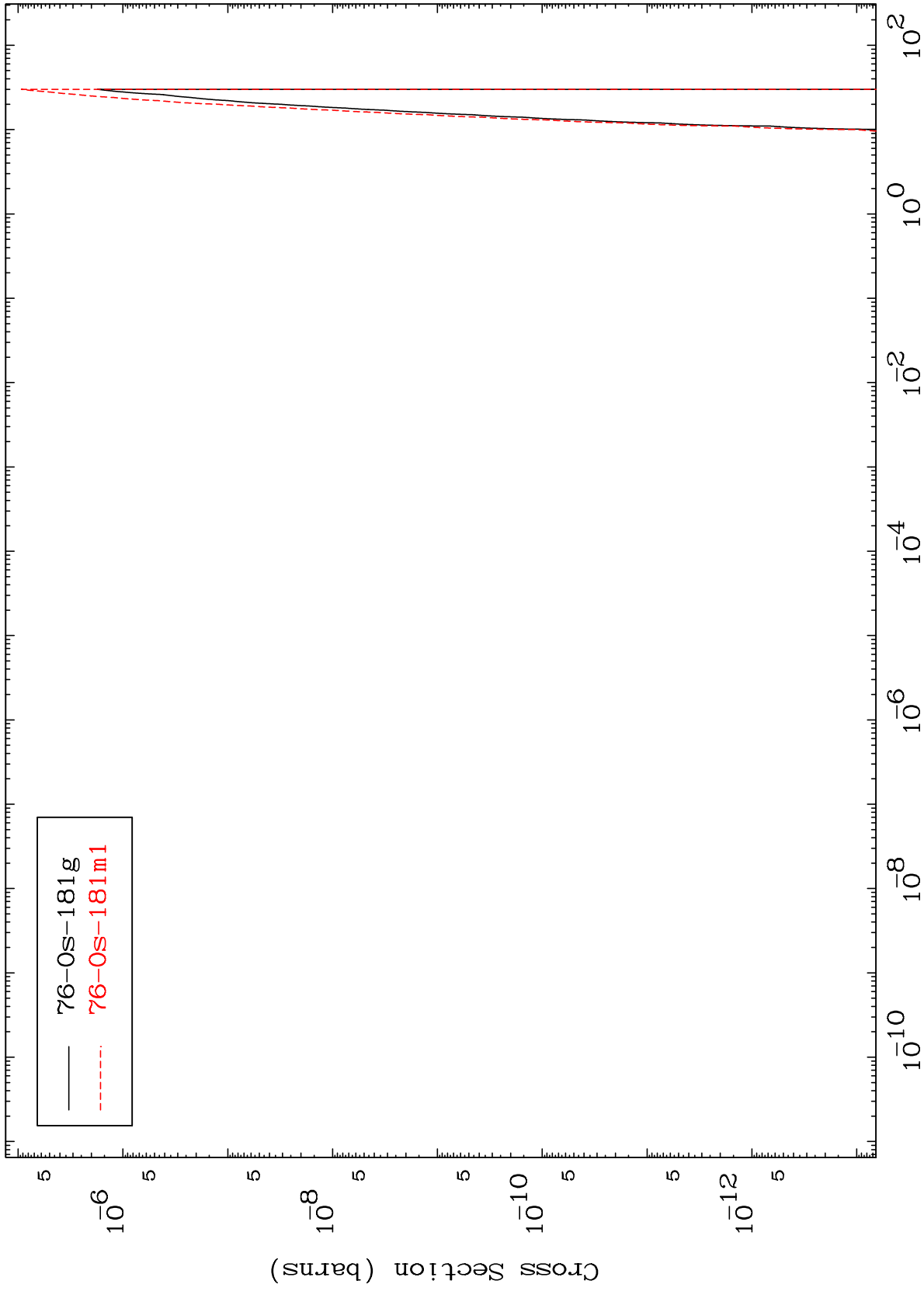
<sup>79</sup>Au-188

MAT 7898

(d,n') 2 $\alpha$

79-Au-188

Radionuclide Production Cross Section



17

Incident Energy (MeV)

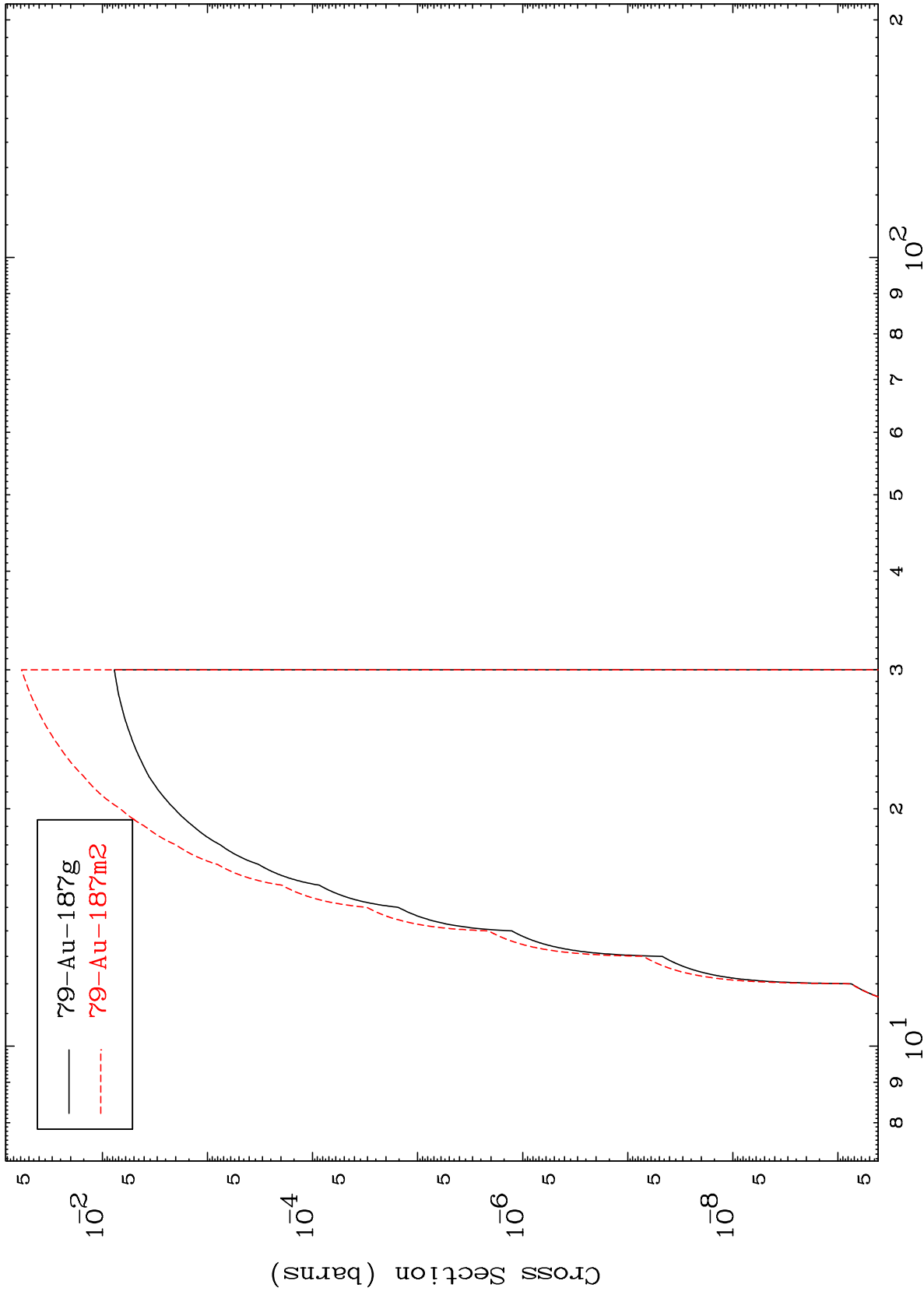
79-Au-188

MAT 7898

(d,n') d

<sup>79</sup>Au-188

Radionuclide Production Cross Section



18

Incident Energy (MeV)

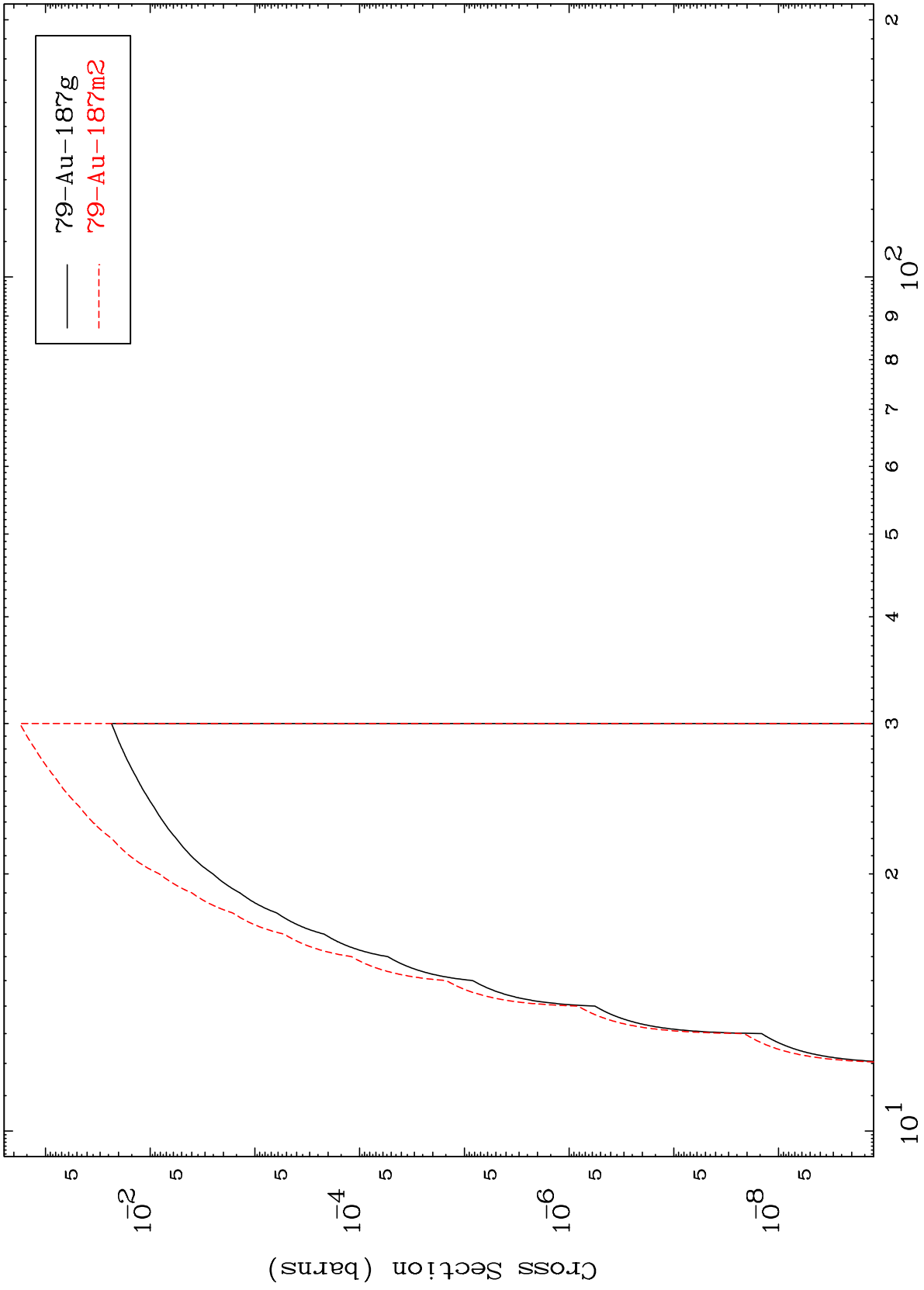
<sup>79</sup>Au-188

MAT 7898

(d,2n) p

<sup>79</sup>Au-188

Radionuclide Production Cross Section



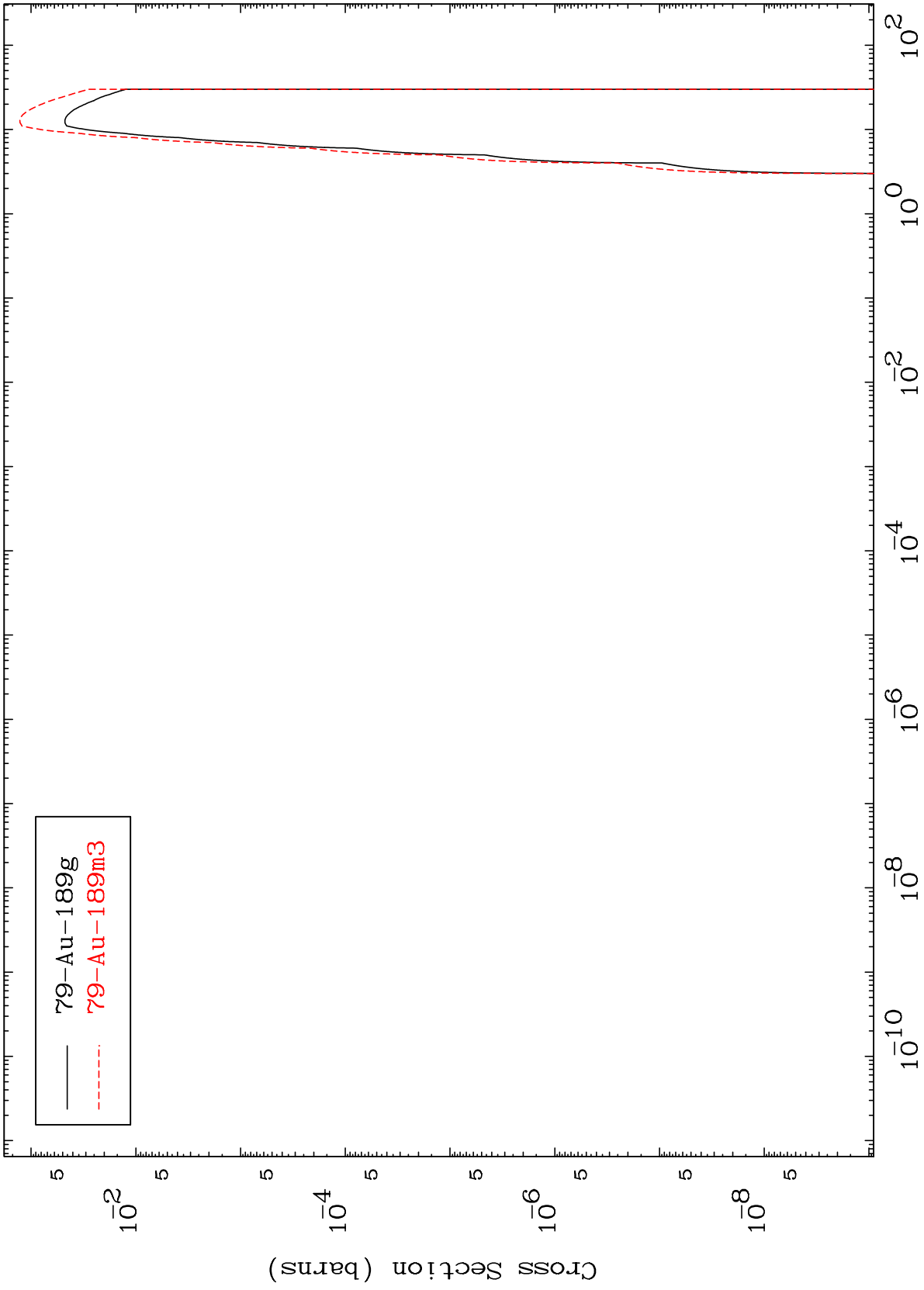
Incident Energy (MeV)

<sup>79</sup>Au-188

MAT 7898

(d,p)  
Radionuclide Production Cross Section

<sup>79</sup>Au-188



20

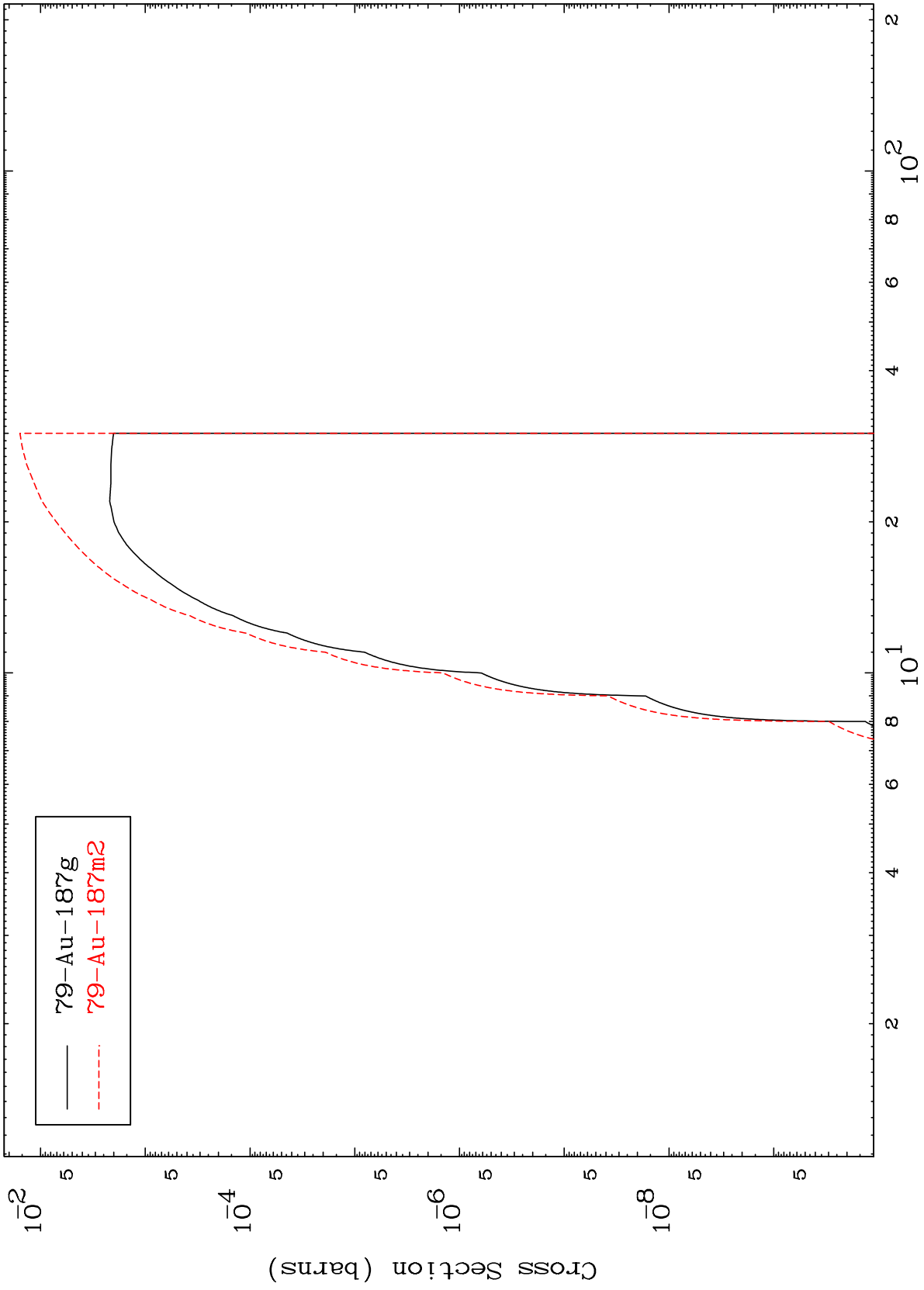
Incident Energy (MeV)

<sup>79</sup>Au-188

MAT 7898

(d, t)  
Radionuclide Production Cross Section

<sup>79</sup>Au-188



— <sup>79</sup>Au-187g  
- - - <sup>79</sup>Au-187m2

<sup>79</sup>Au-188