

Program EVALPLOT
(Version 2018-1)

by

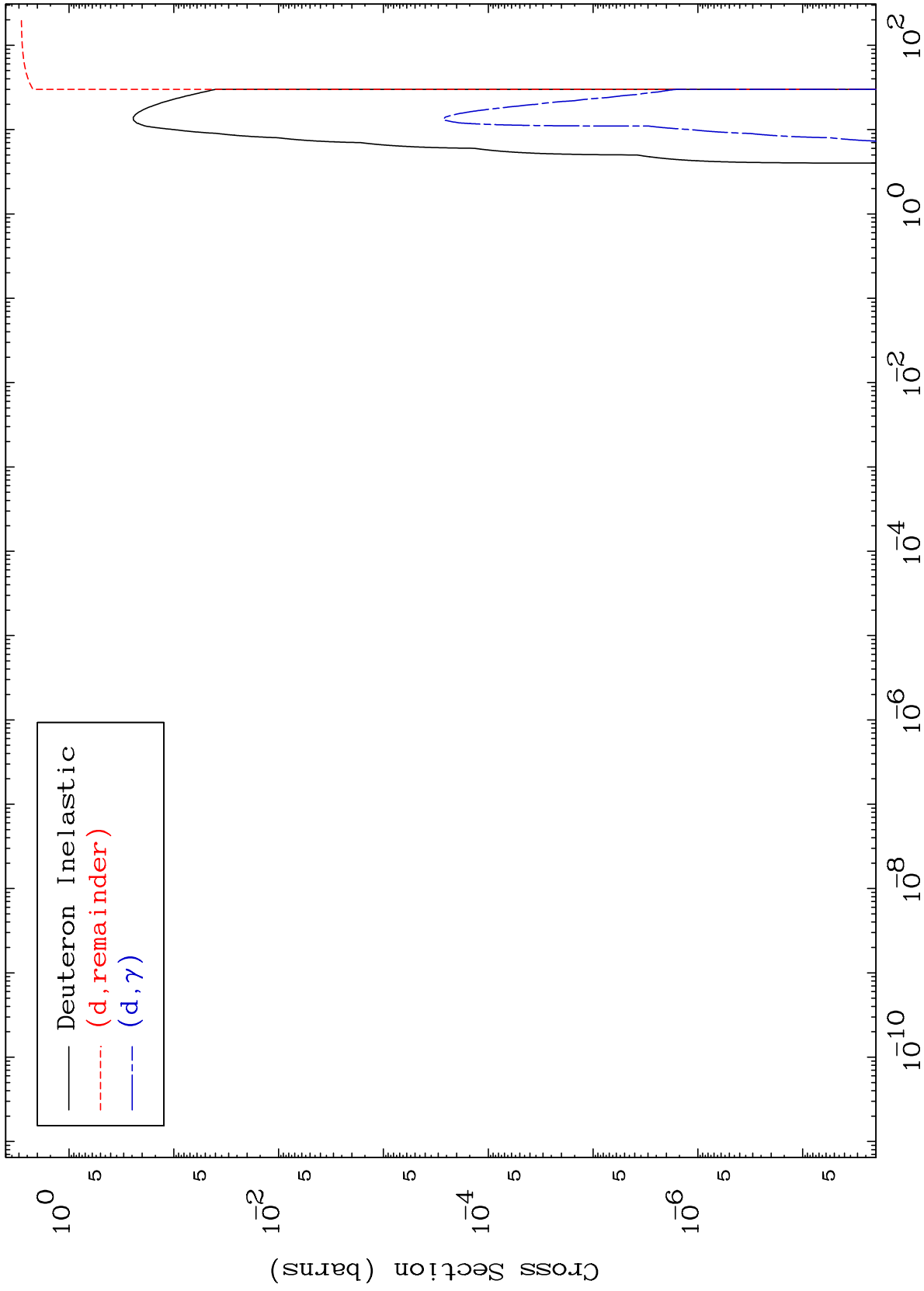
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

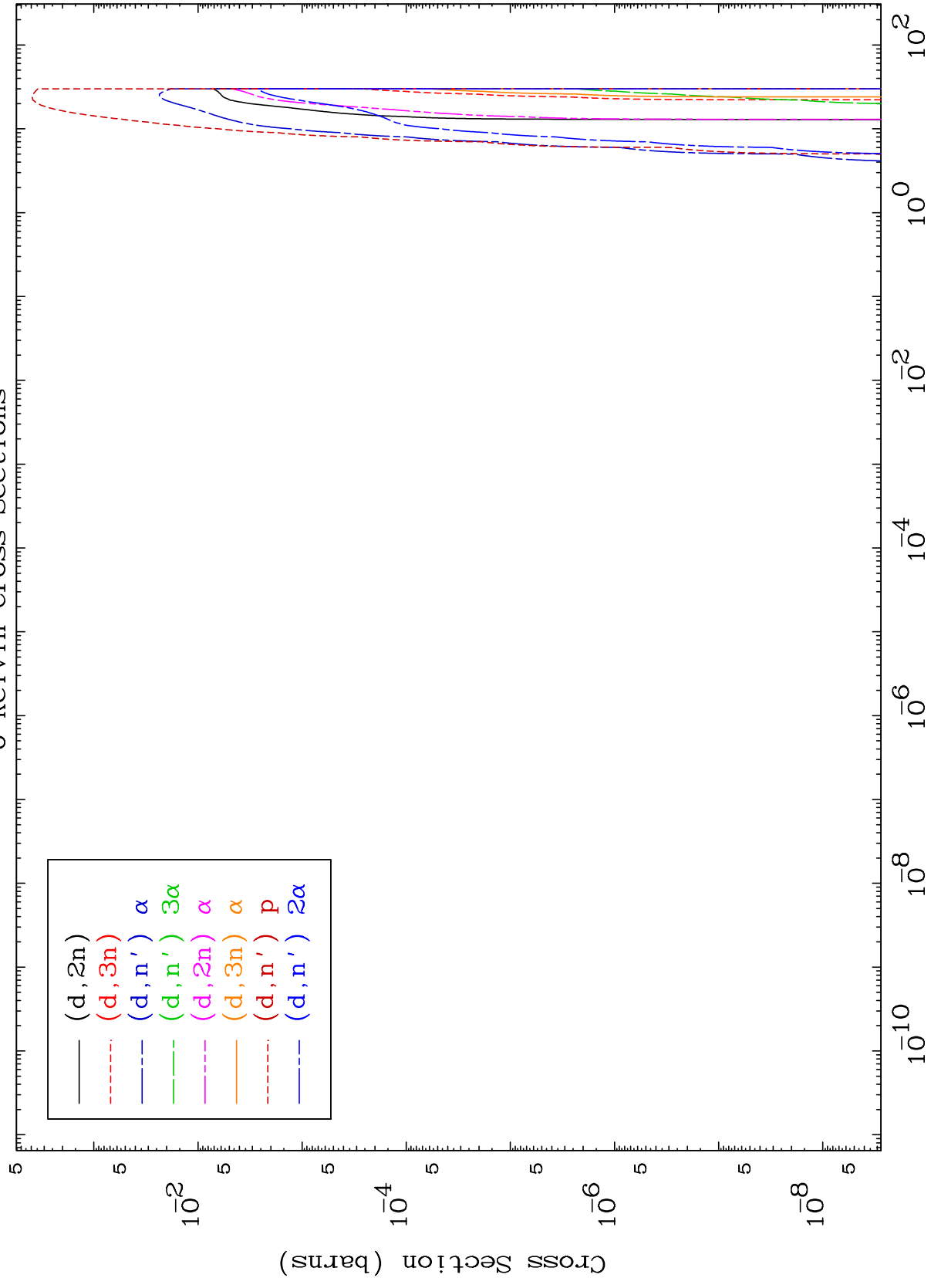
Press Mouse Button to Start



MAT 8059

Deuteron Neutron Production
0 Kelvin Cross Sections

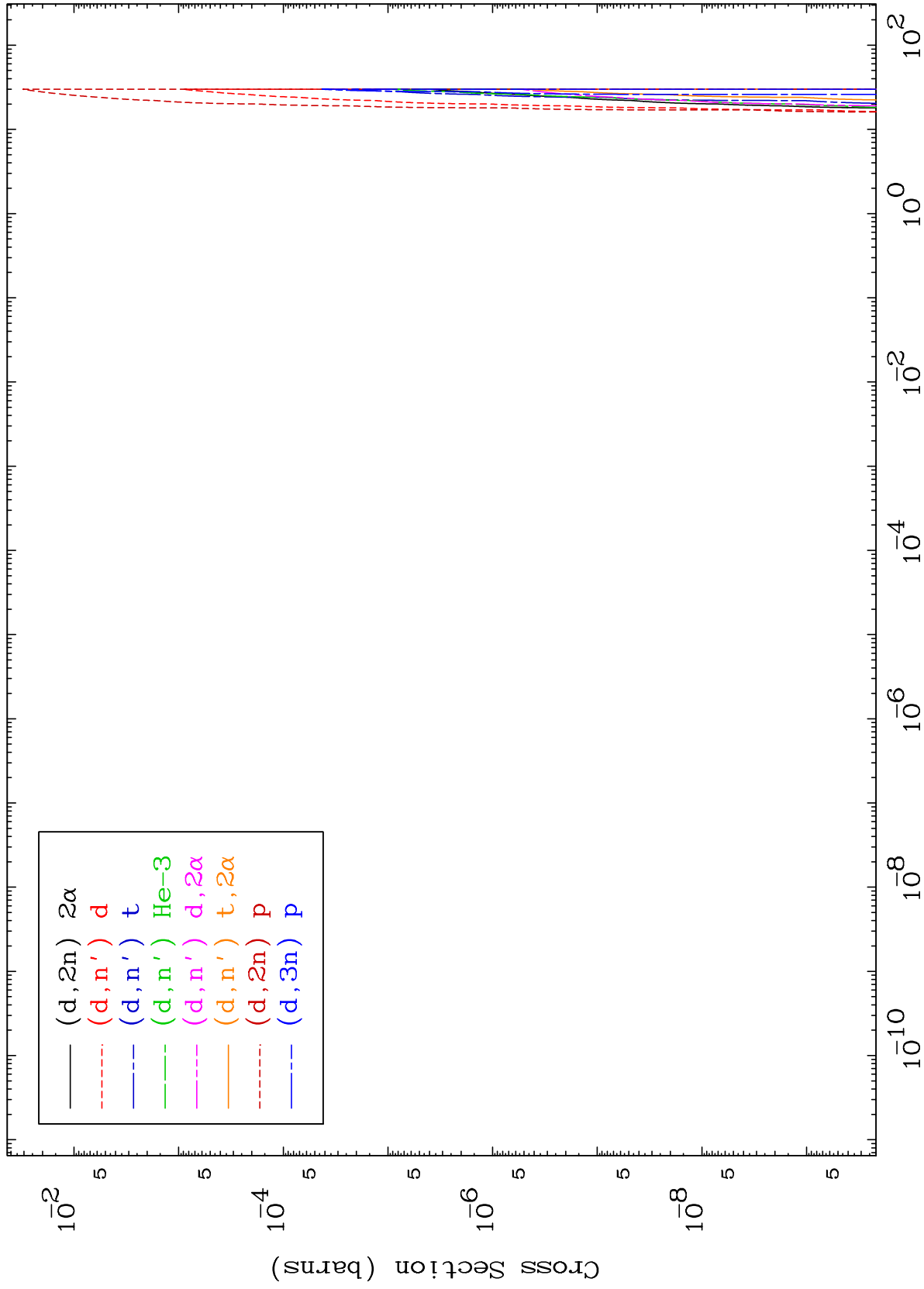
81-Tl-181



MAT 8059

Deuteron Neutron Production
0 Kelvin Cross Sections

81-Tl-181



3

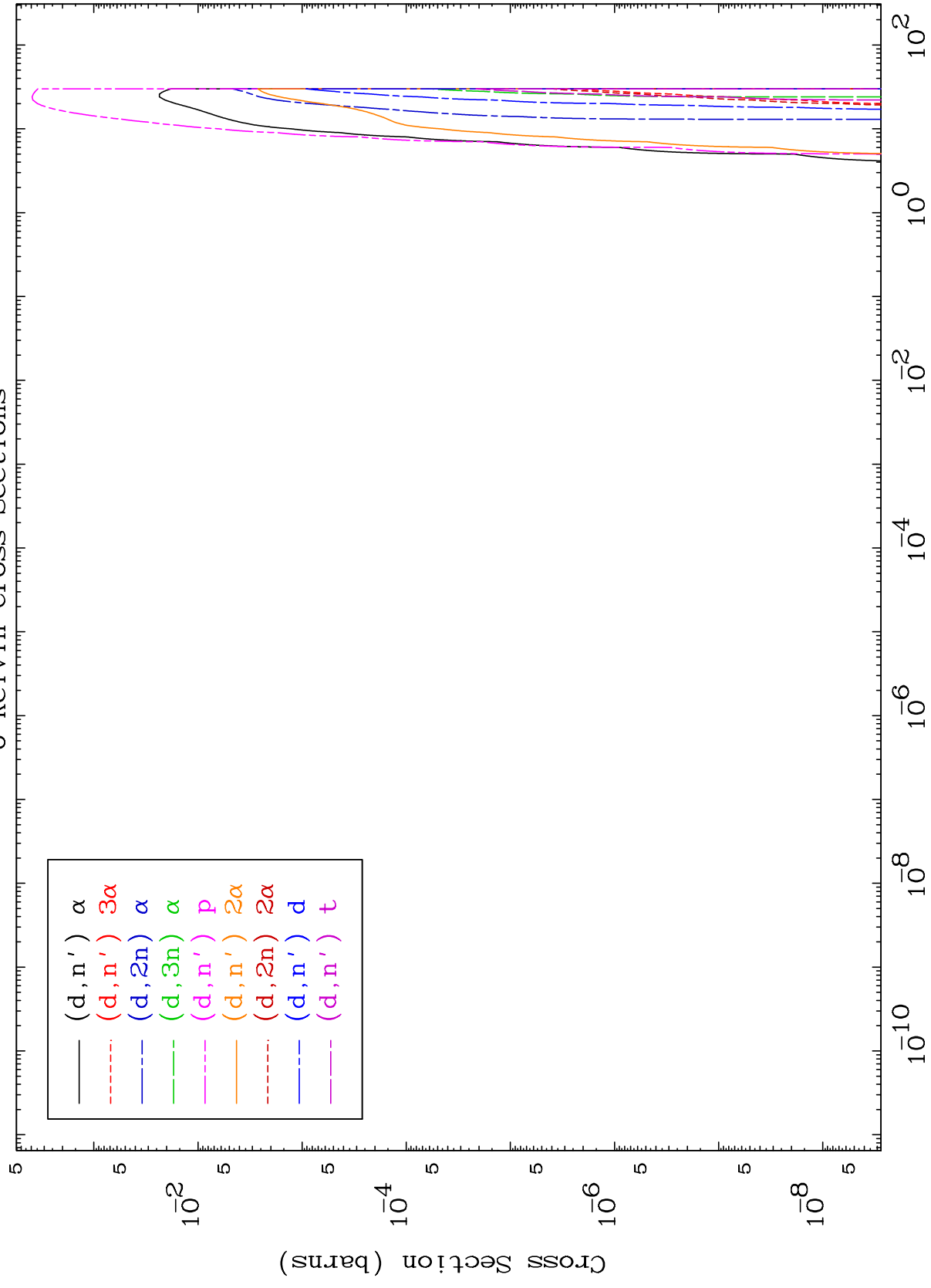
Incident Energy (MeV)

81-Tl-181

MAT 8059

Deuteron Charged Particle
0 Kelvin Cross Sections

81-Tl-181

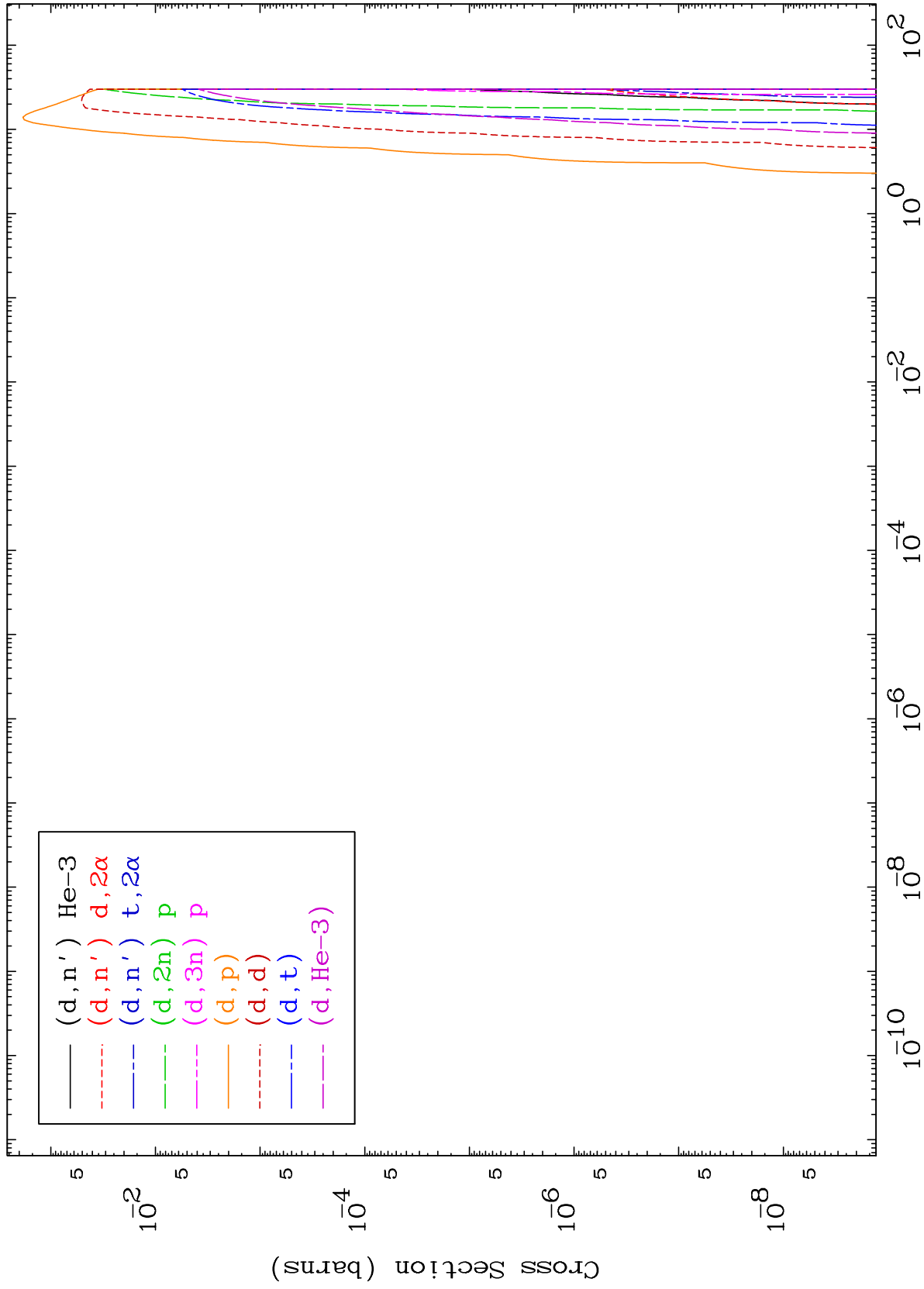


81-Tl-181

MAT 8059

Deuteron Charged Particle
0 Kelvin Cross Sections

81-Tl-181



5

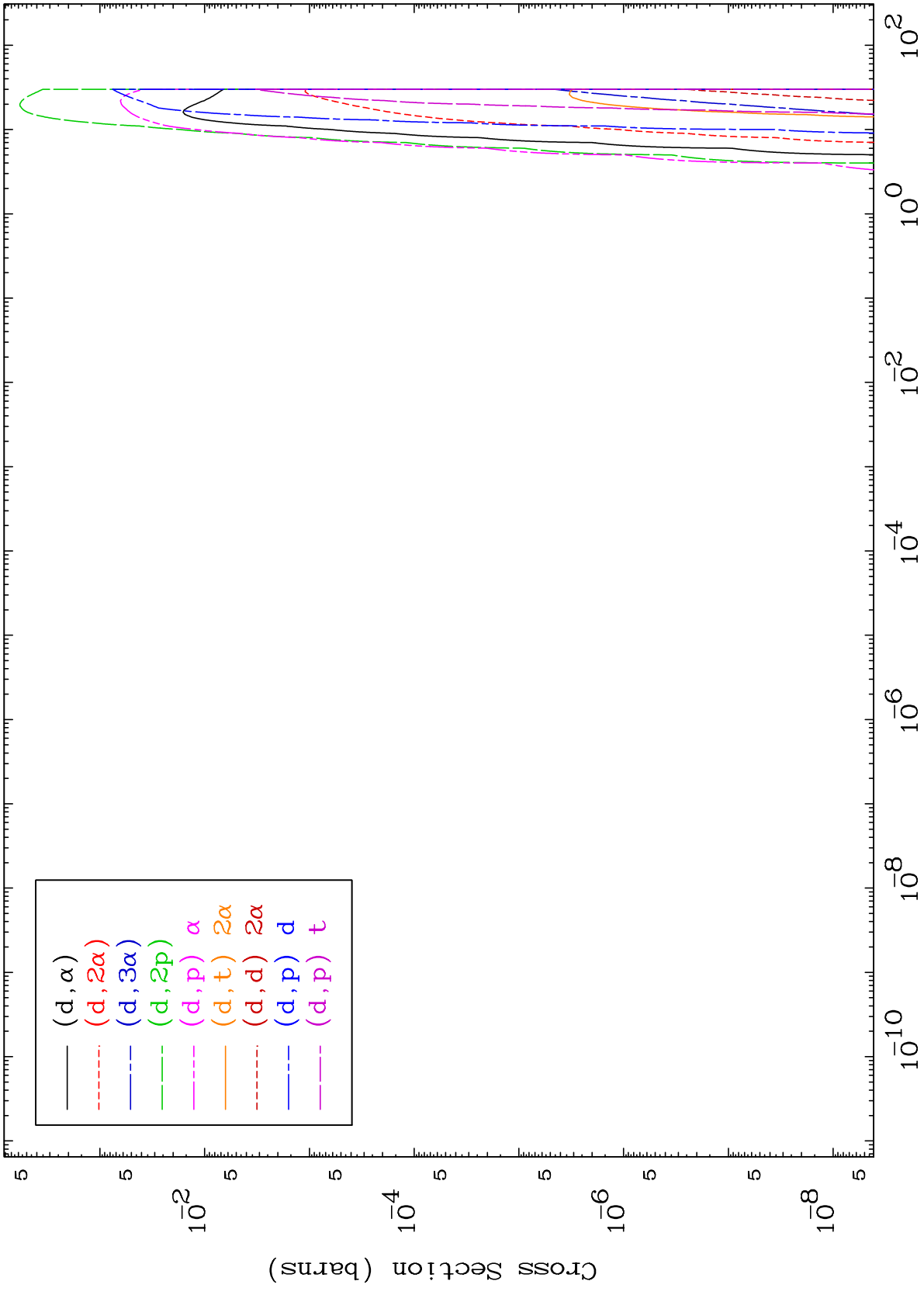
Incident Energy (MeV)

81-Tl-181

MAT 8059

Deuteron Charged Particle
0 Kelvin Cross Sections

81-Tl-181



6

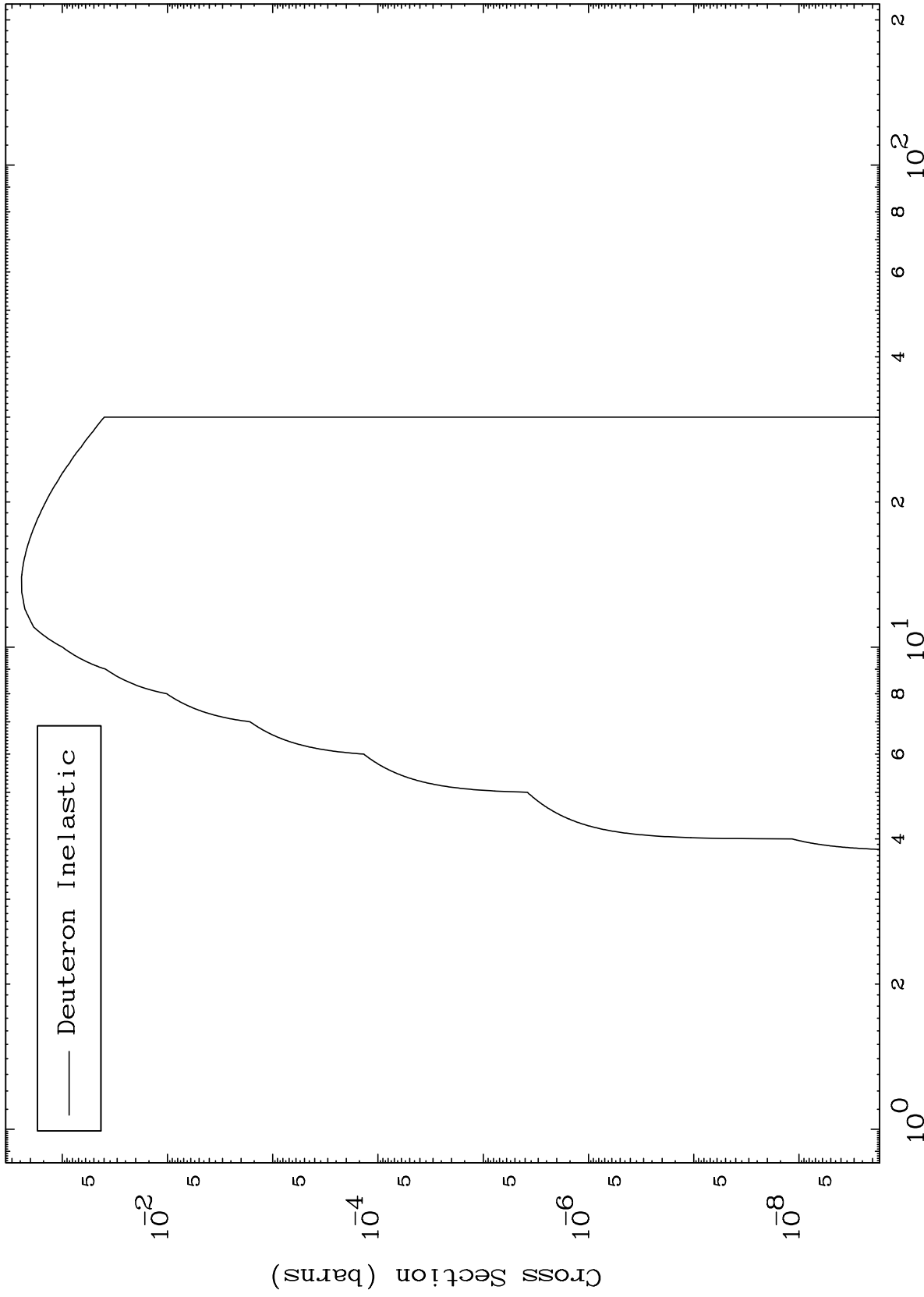
Incident Energy (MeV)

81-Tl-181

MAT 8059

(d,n') Level
0 Kelvin Cross Sections

81-Tl-181



7

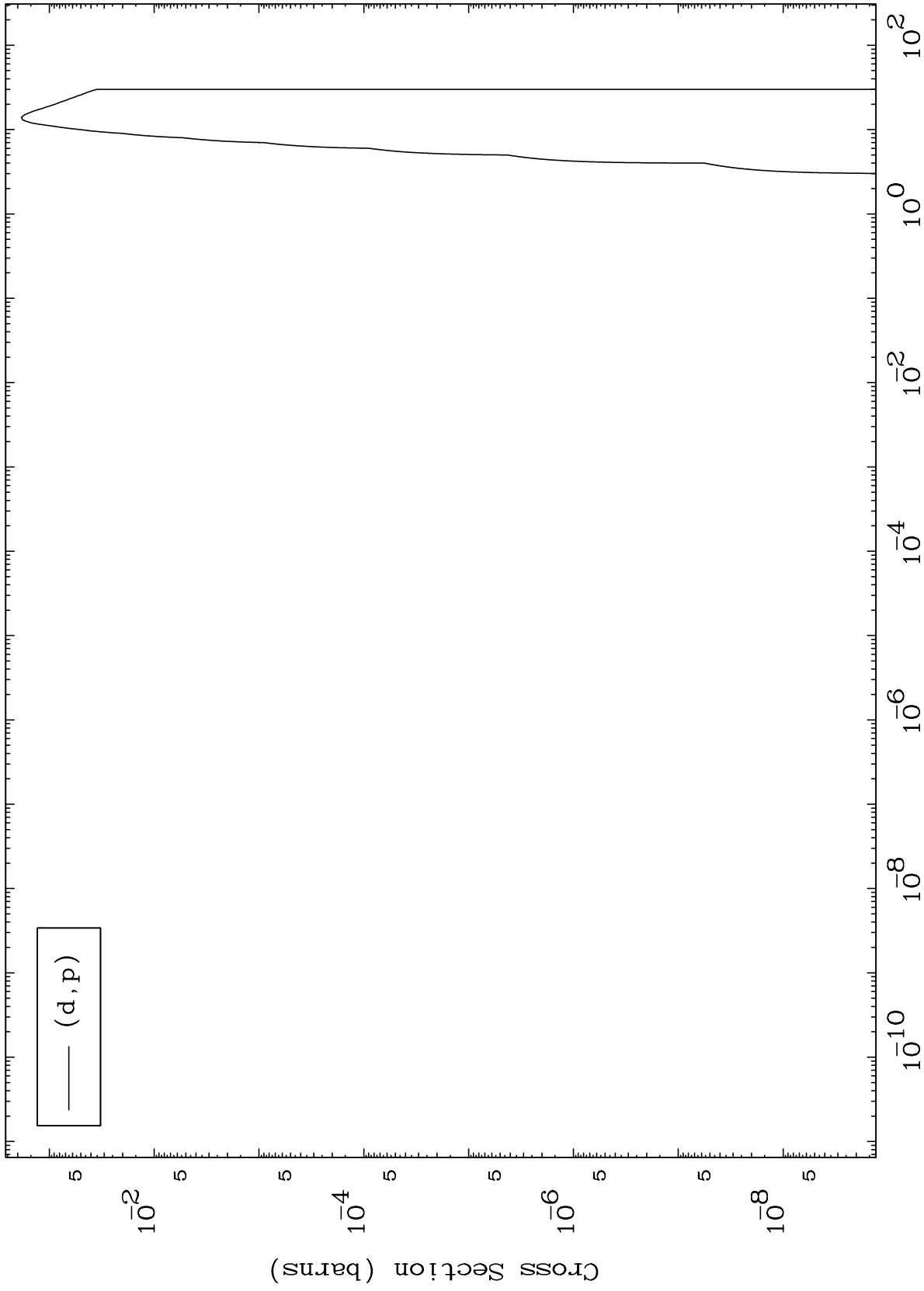
Incident Energy (MeV)

81-Tl-181

MAT 8059

(d,p) Levels
0 Kelvin Cross Sections

81-Tl-181



8

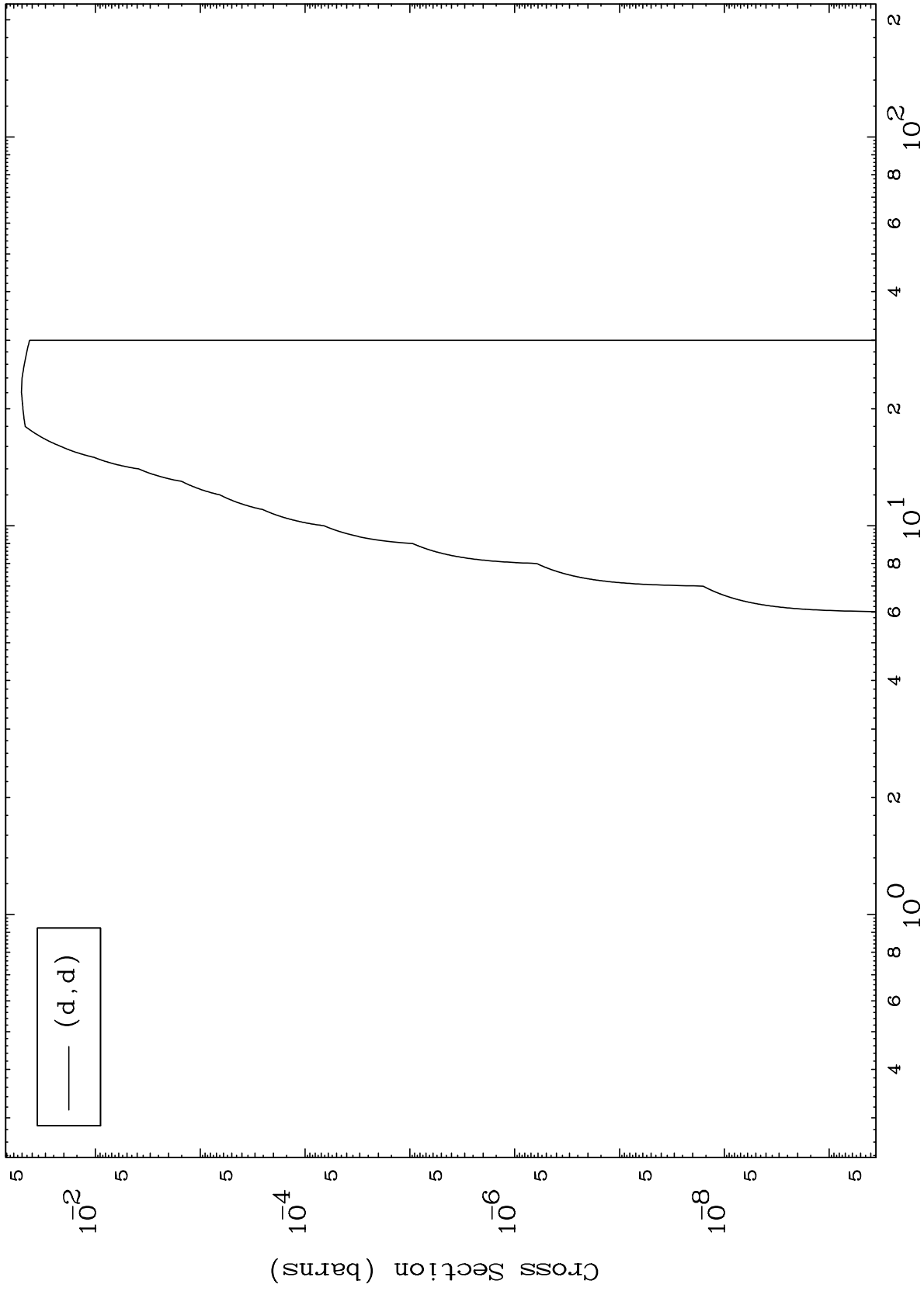
Incident Energy (MeV)

81-Tl-181

MAT 8059

(d,d) Levels
0 Kelvin Cross Sections

81-Tl-181



9

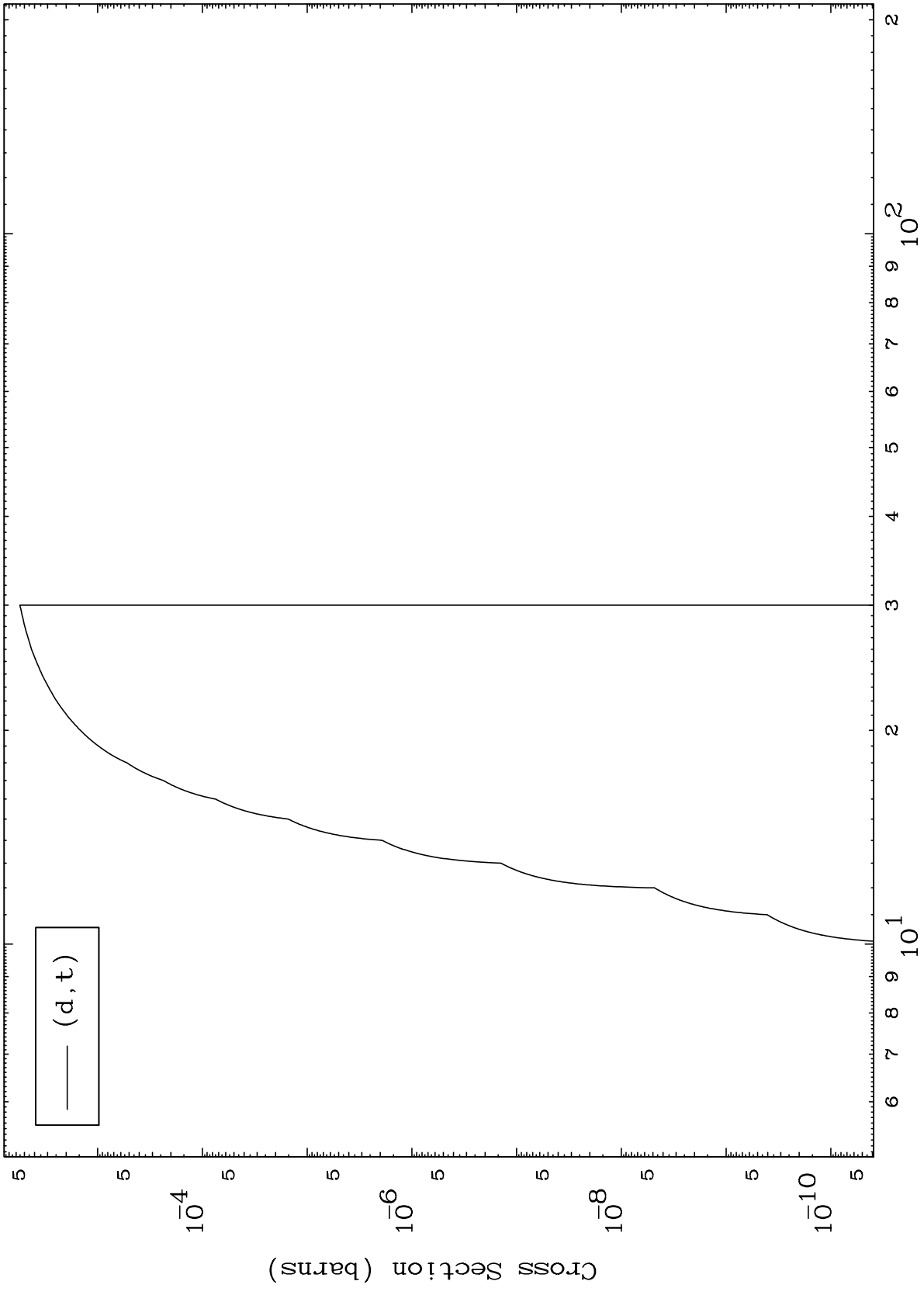
Incident Energy (MeV)

81-Tl-181

MAT 8059

(d,t) Levels
0 Kelvin Cross Sections

81-Tl-181



10

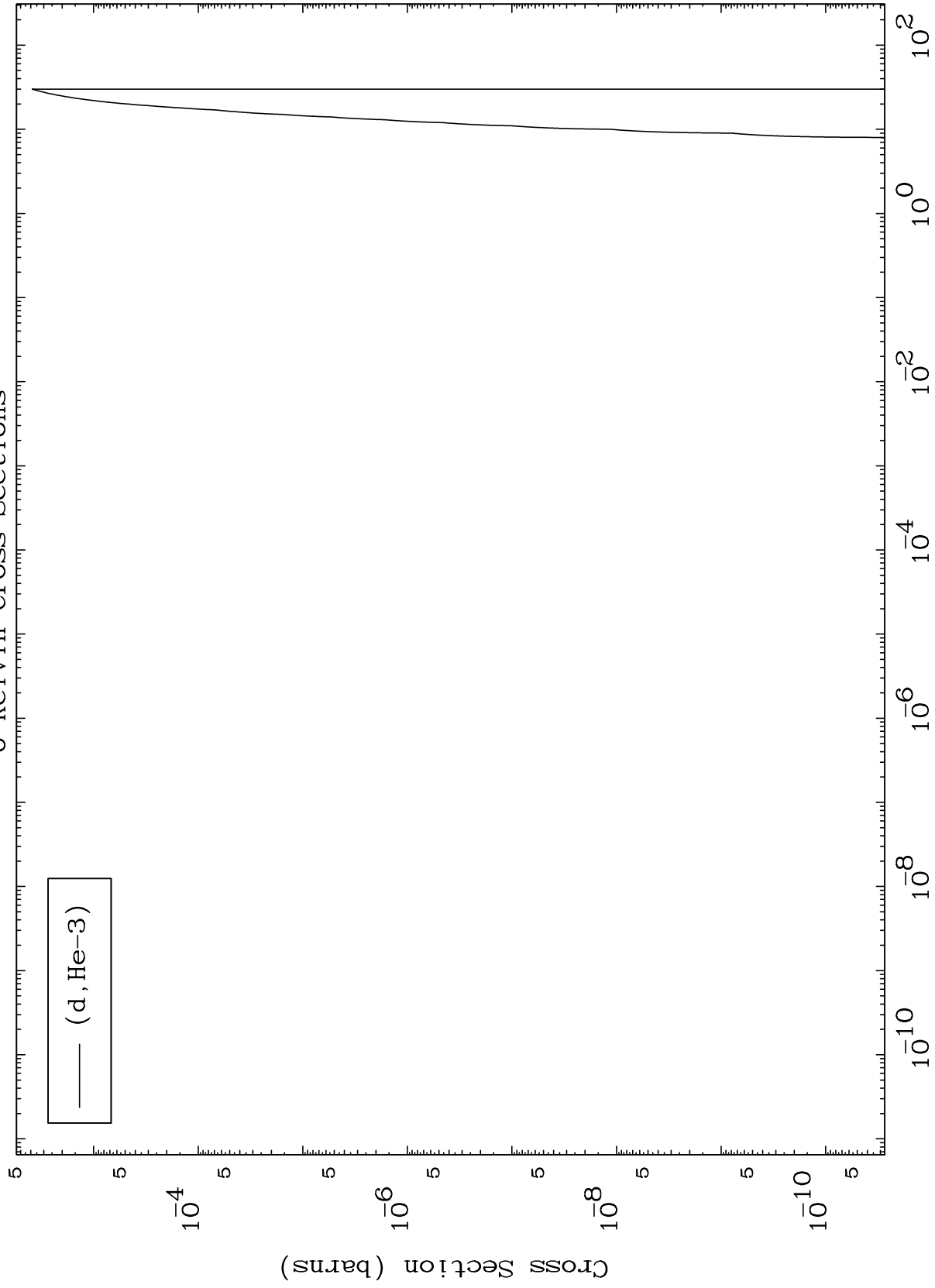
Incident Energy (MeV)

81-Tl-181

MAT 8059

(d,He3) Levels
0 Kelvin Cross Sections

81-T1-181



11

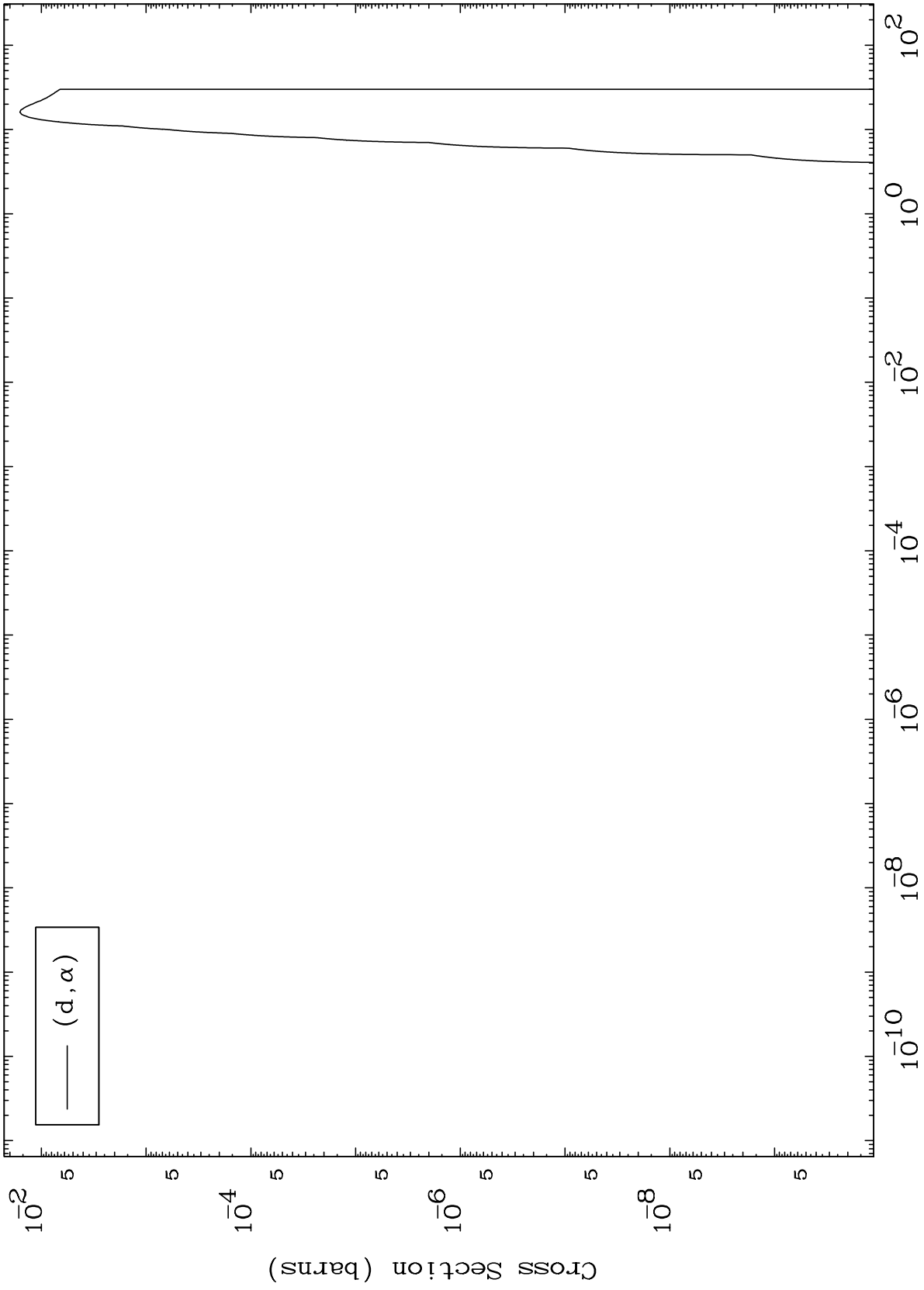
Incident Energy (MeV)

81-T1-181

MAT 8059

(d, α) Levels
0 Kelvin Cross Sections

81-Tl-181



12

Incident Energy (MeV)

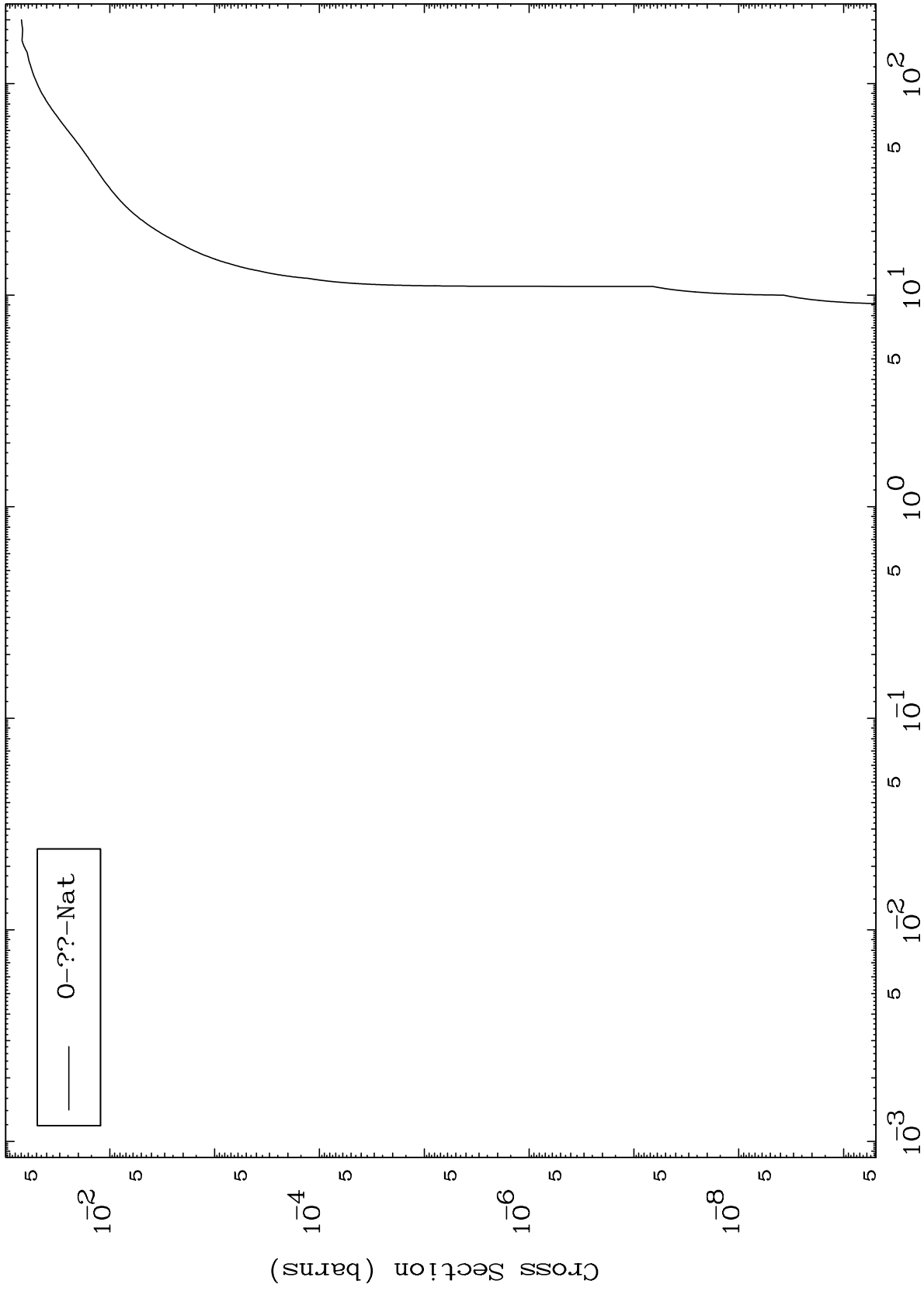
81-Tl-181

MAT 8059

Deuteron Fission

81-Tl-181

Radionuclide Production Cross Section



13

Incident Energy (MeV)

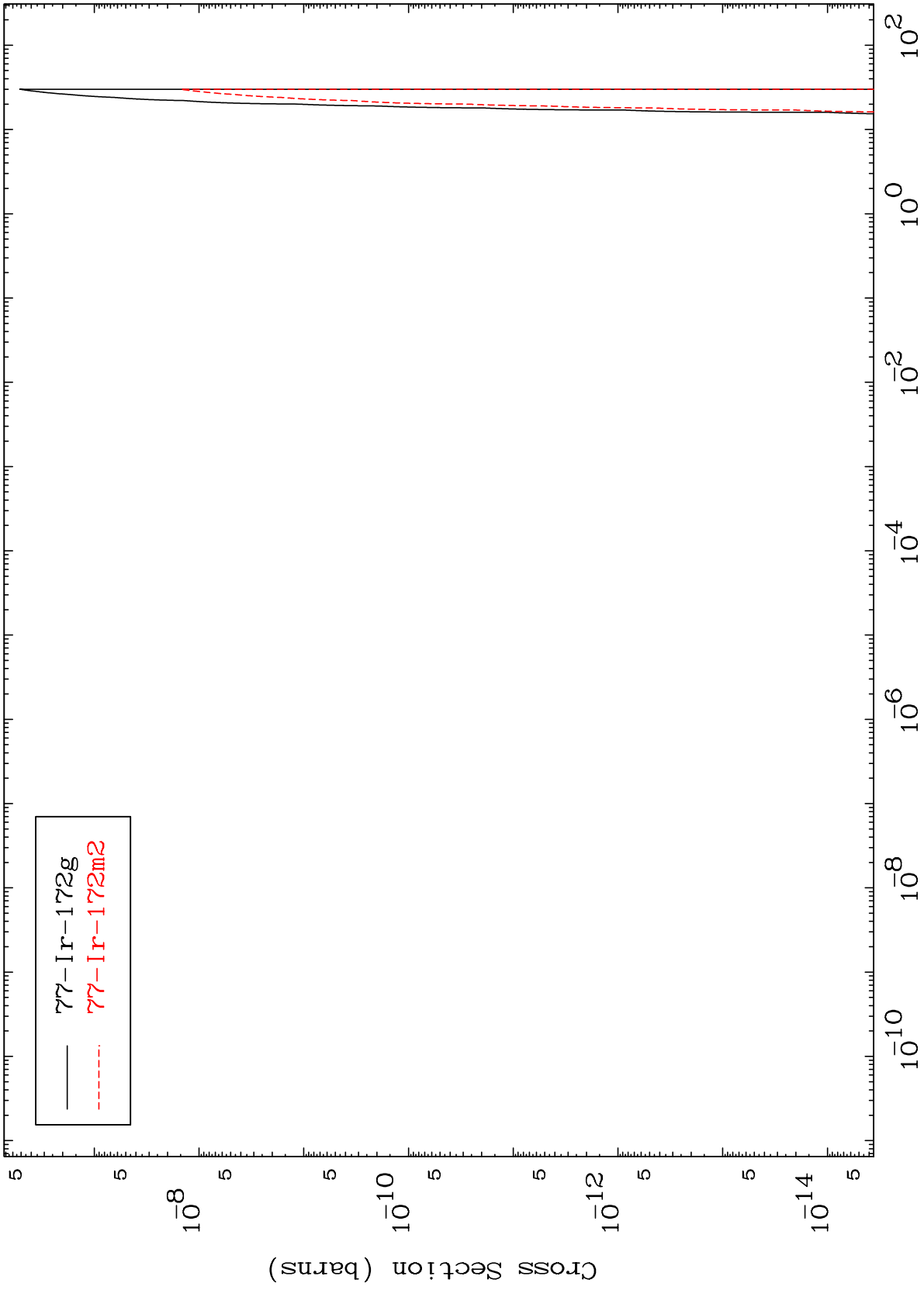
81-Tl-181

MAT 8059

(d, n') d, 2α

81-Tl-181

Radionuclide Production Cross Section



14

Incident Energy (MeV)

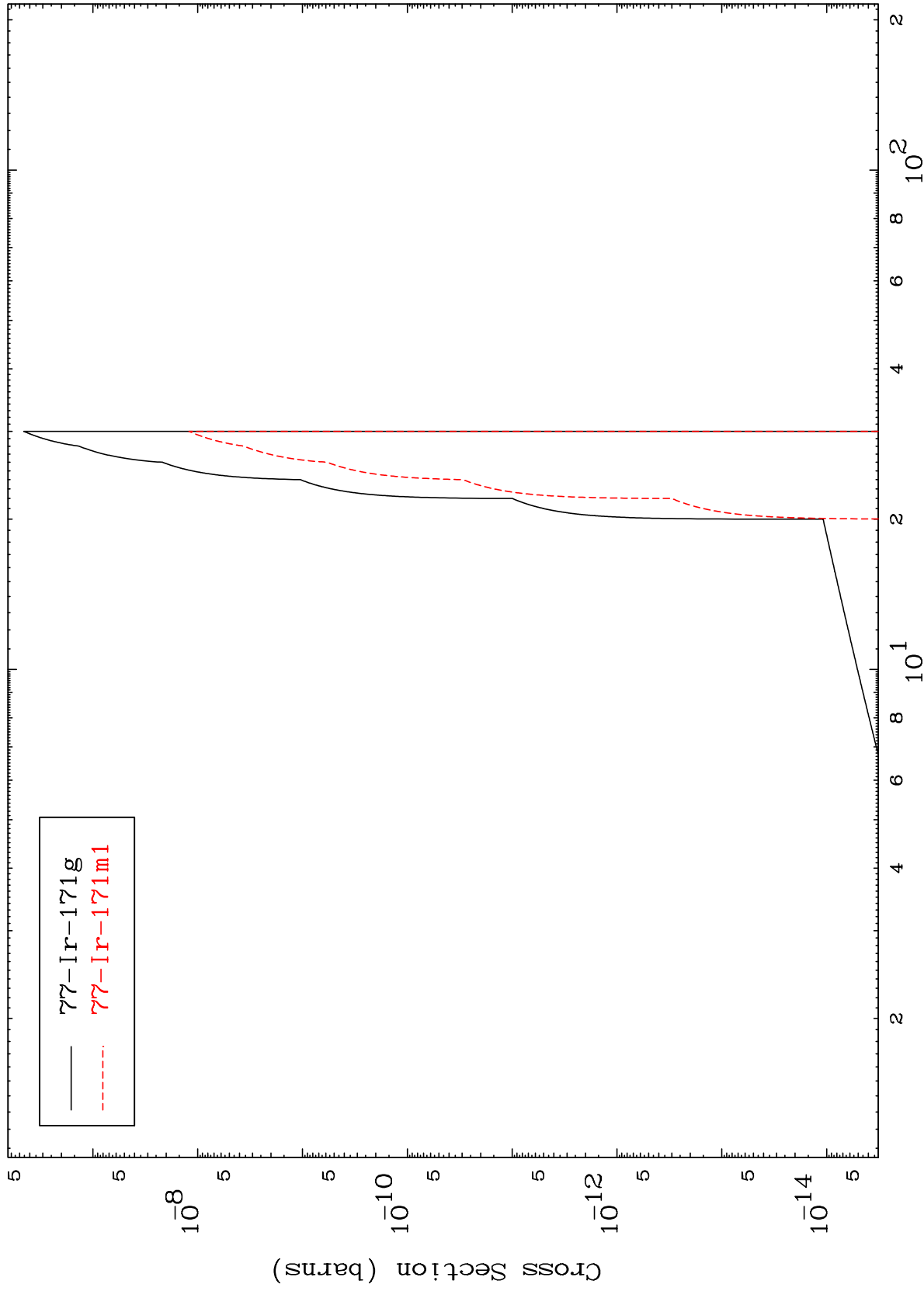
81-Tl-181

MAT 8059

(d,n') t,2 α

81-Tl-181

Radionuclide Production Cross Section



15

Incident Energy (MeV)

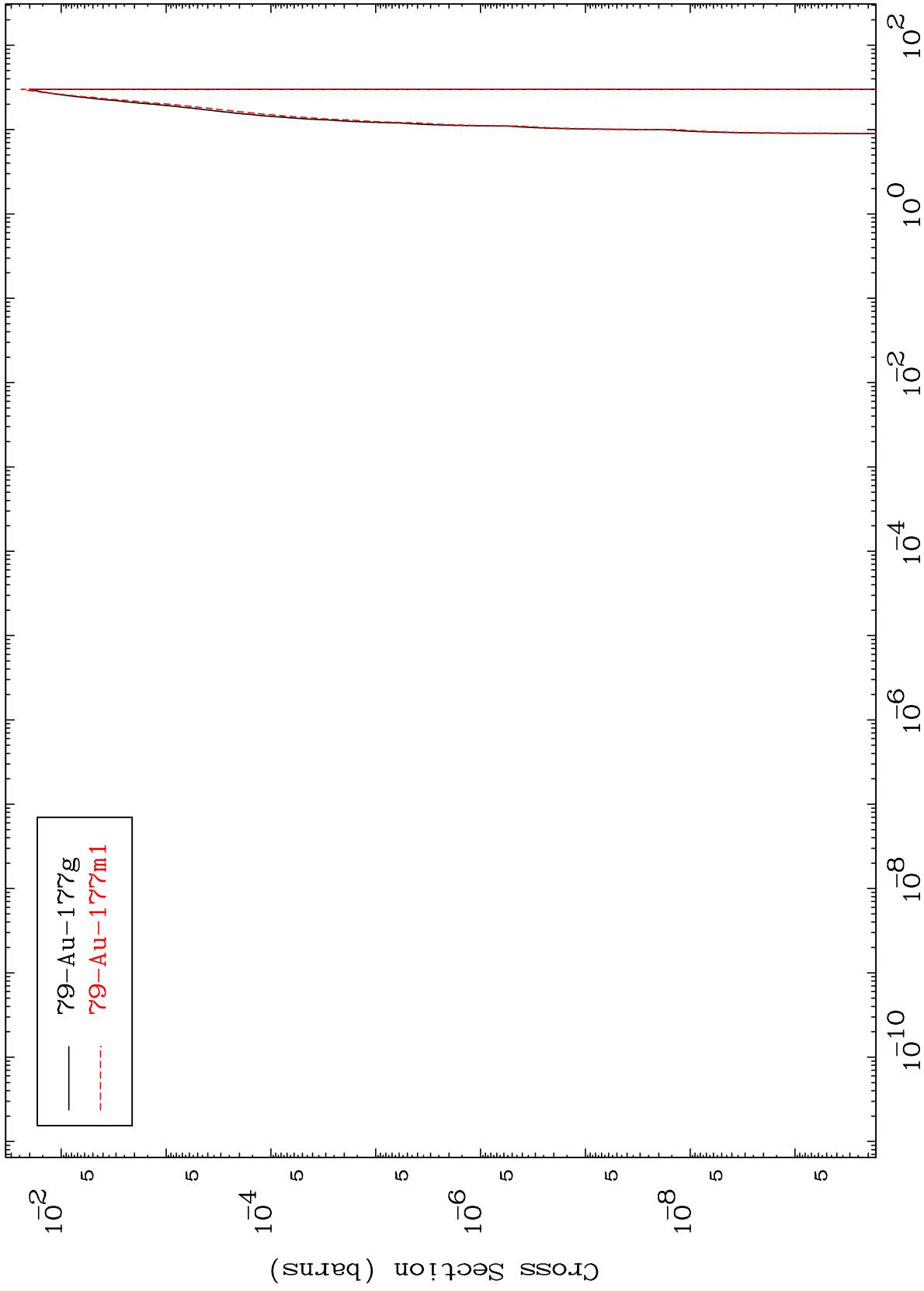
81-Tl-181

MAT 8059

(d,n') p α

81-Tl-181

Radionuclide Production Cross Section



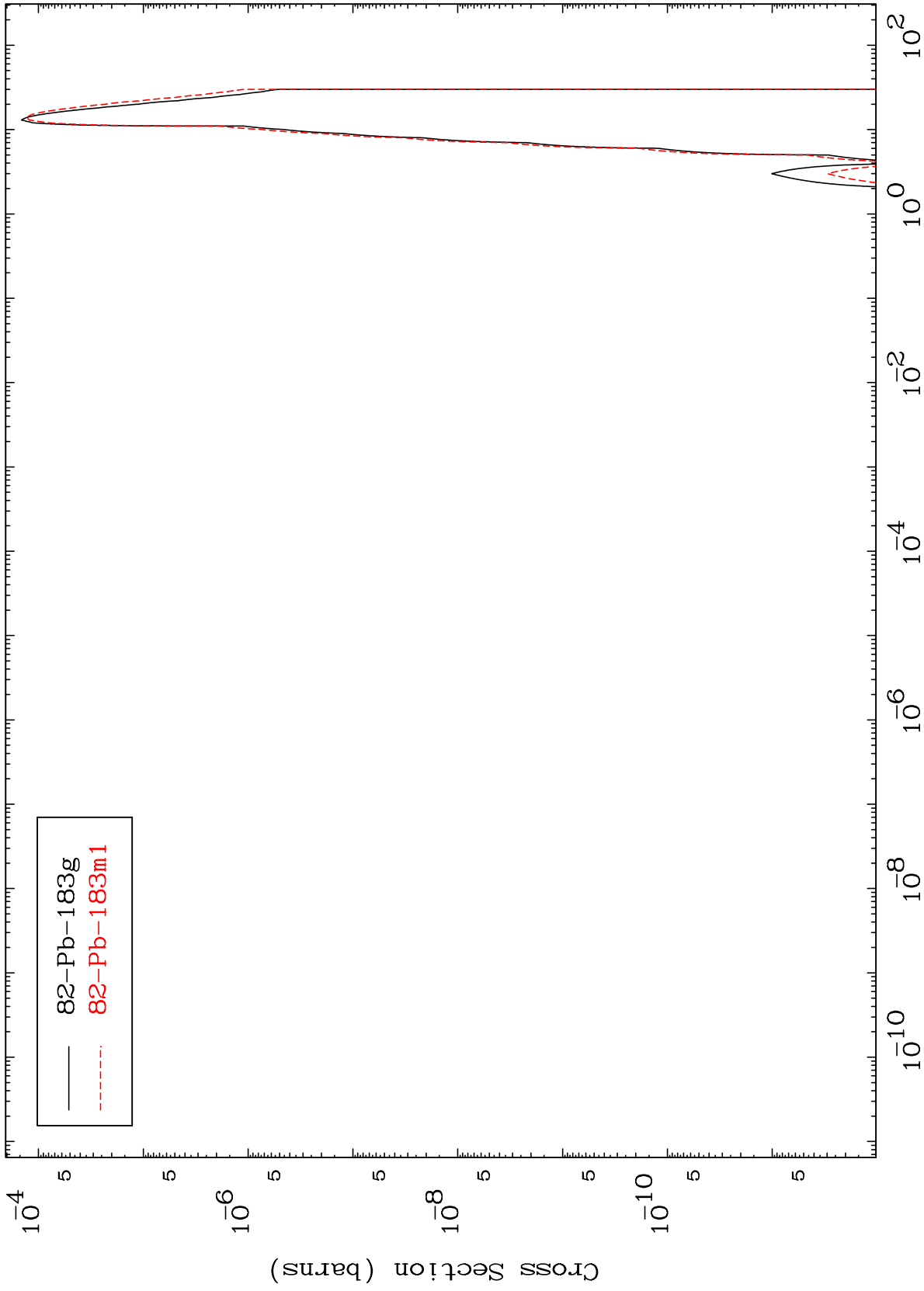
— $^{79}\text{Au-177g}$
- - - $^{79}\text{Au-177m1}$

MAT 8059

(d, γ)

81-Tl-181

Radionuclide Production Cross Section



17

Incident Energy (MeV)

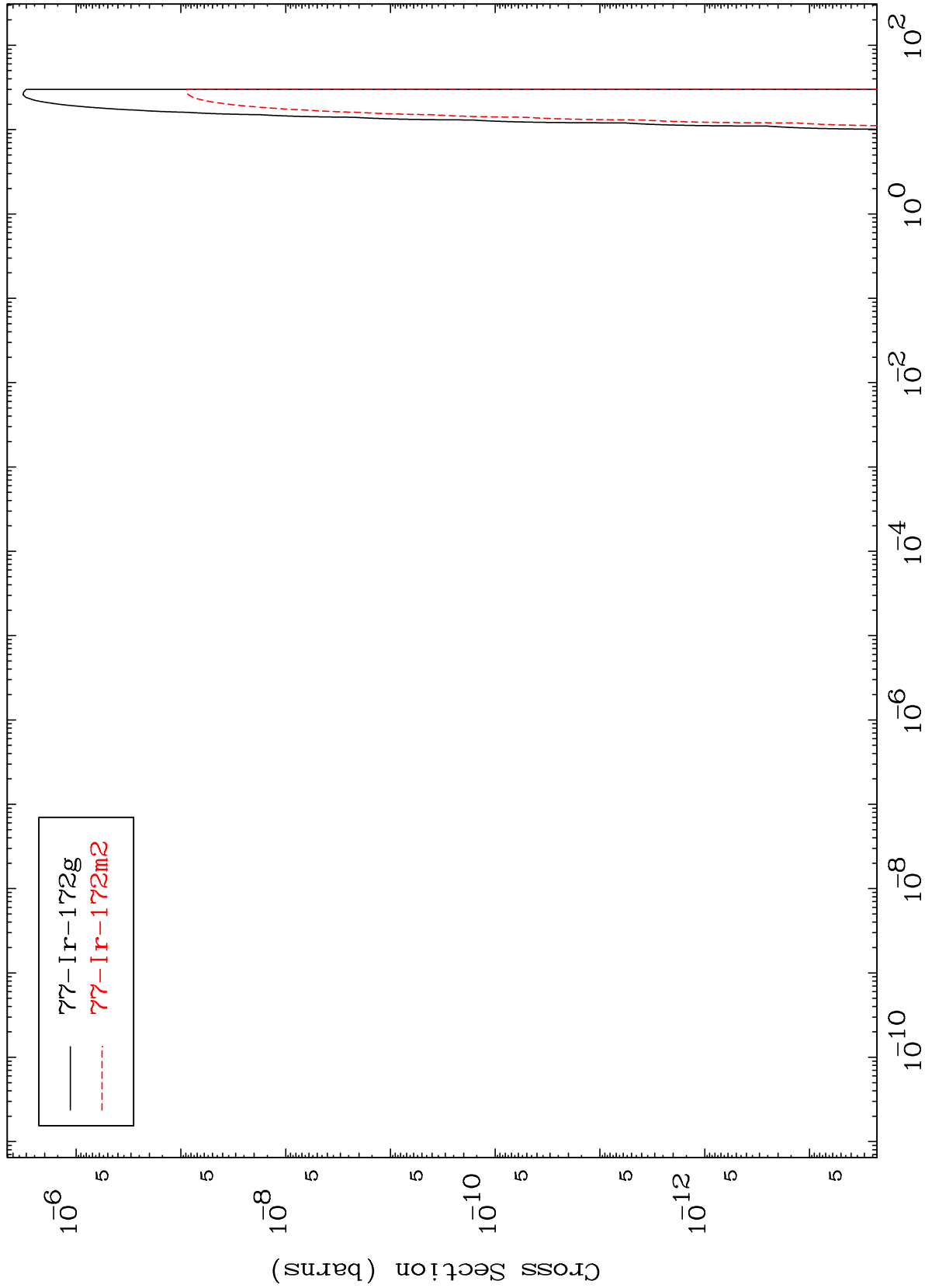
81-Tl-181

MAT 8059

(d, t) 2α

81-Tl-181

Radionuclide Production Cross Section



18

Incident Energy (MeV)

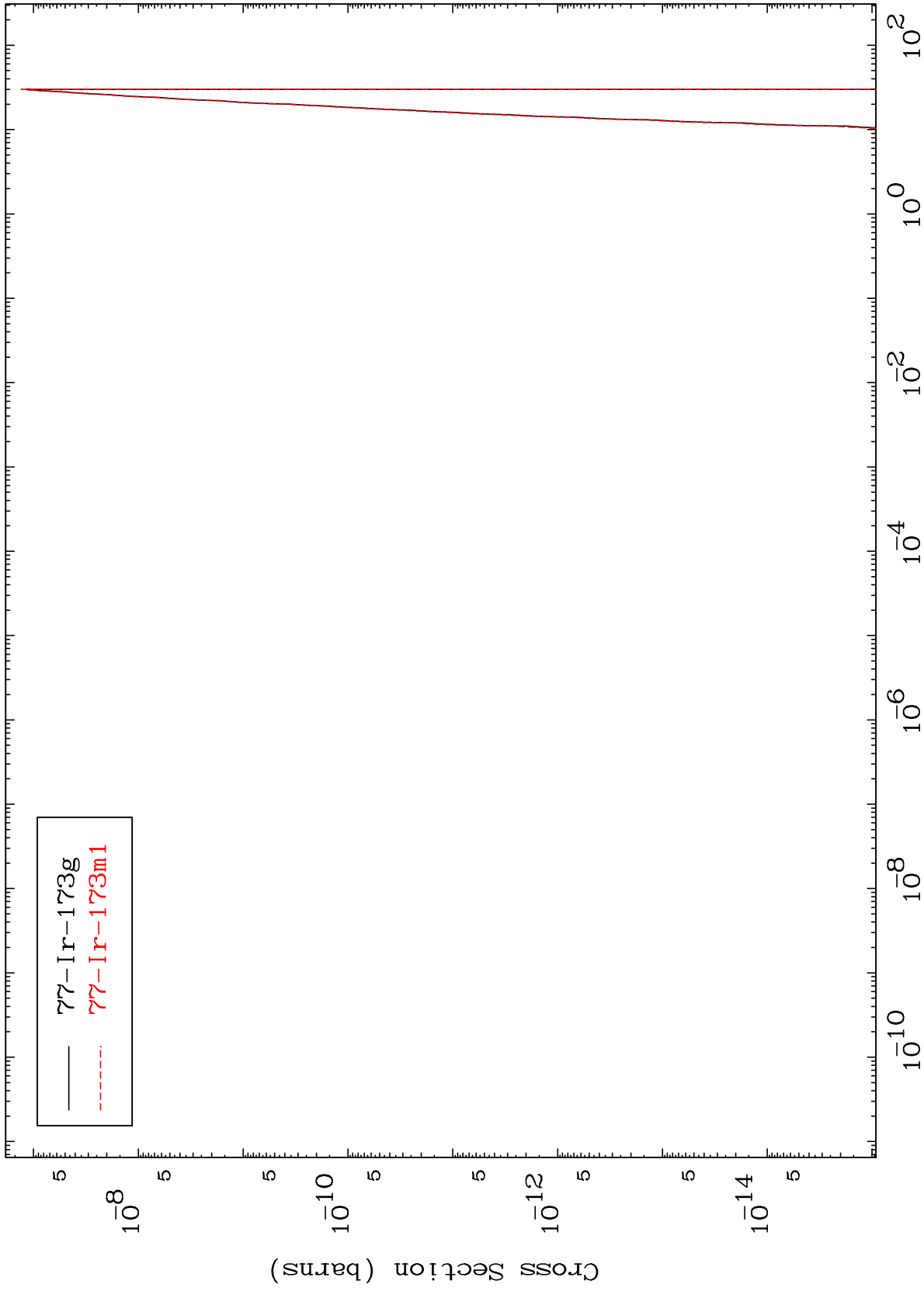
81-Tl-181

MAT 8059

(d,d) 2α

81-Tl-181

Radionuclide Production Cross Section



19

Incident Energy (MeV)

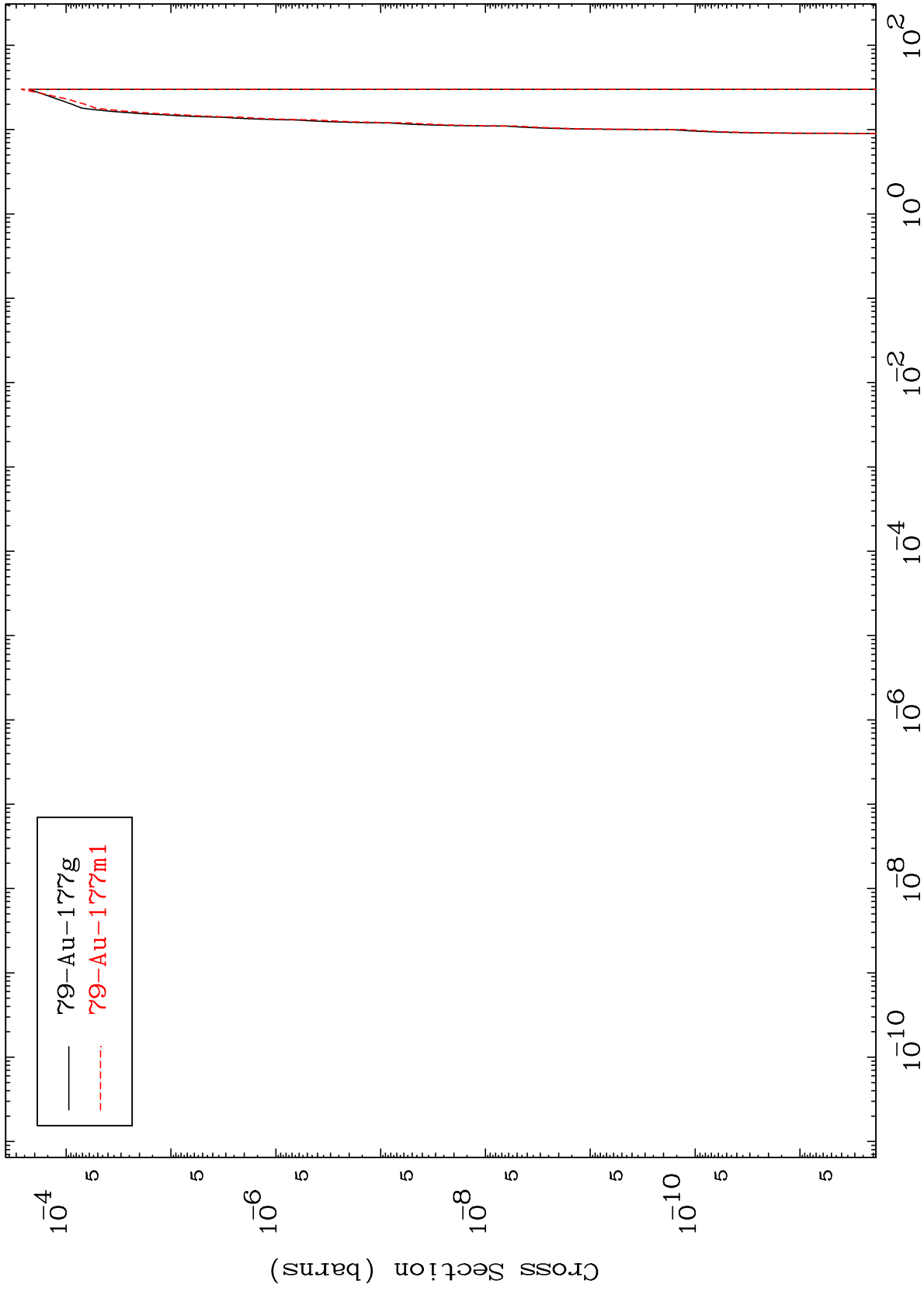
81-Tl-181

MAT 8059

(d,d) α

81-Tl-181

Radionuclide Production Cross Section



20

Incident Energy (MeV)

81-Tl-181