

Program EVALPLOT  
(Version 2018-1)

by

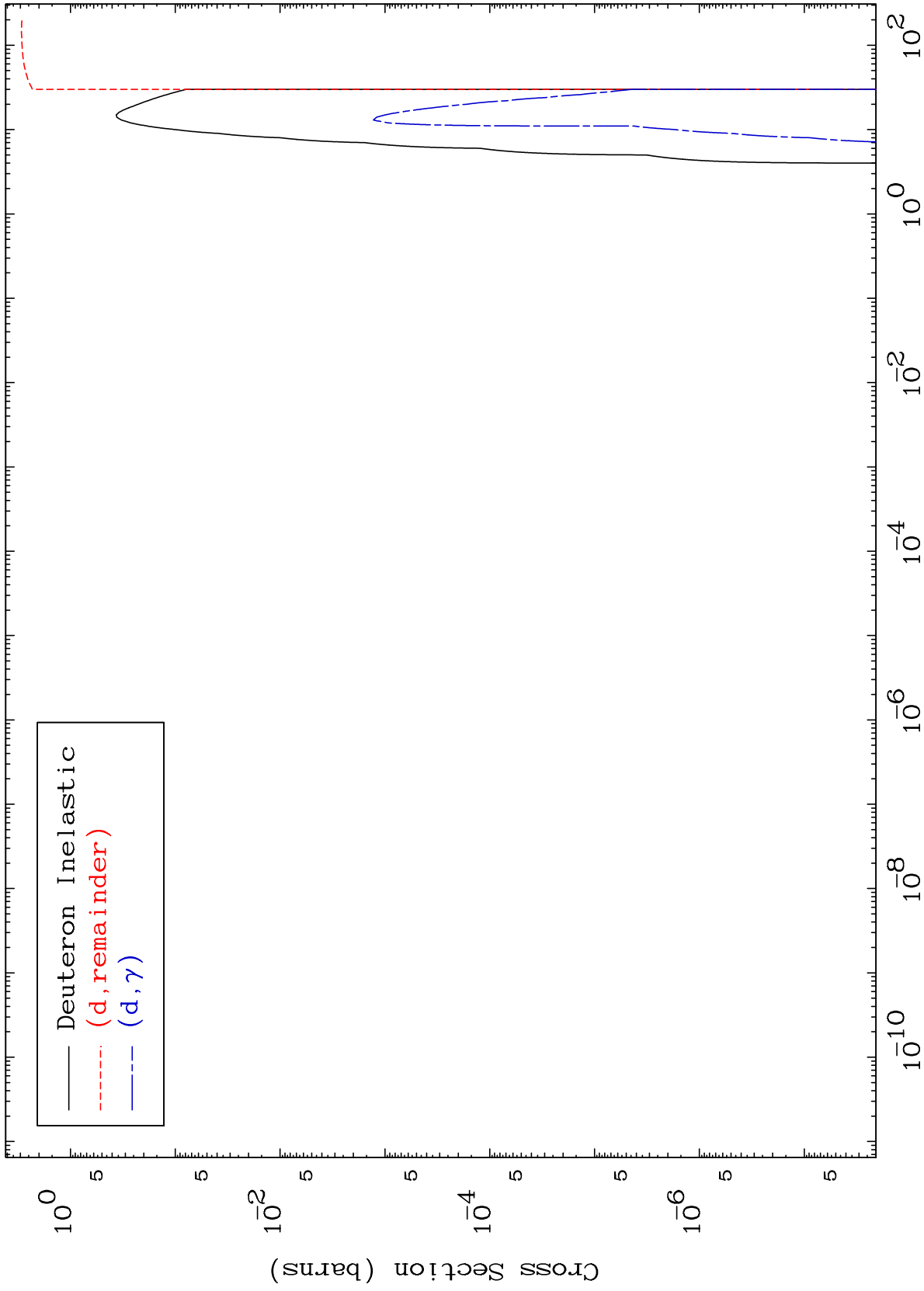
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(Present Contact Information)

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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

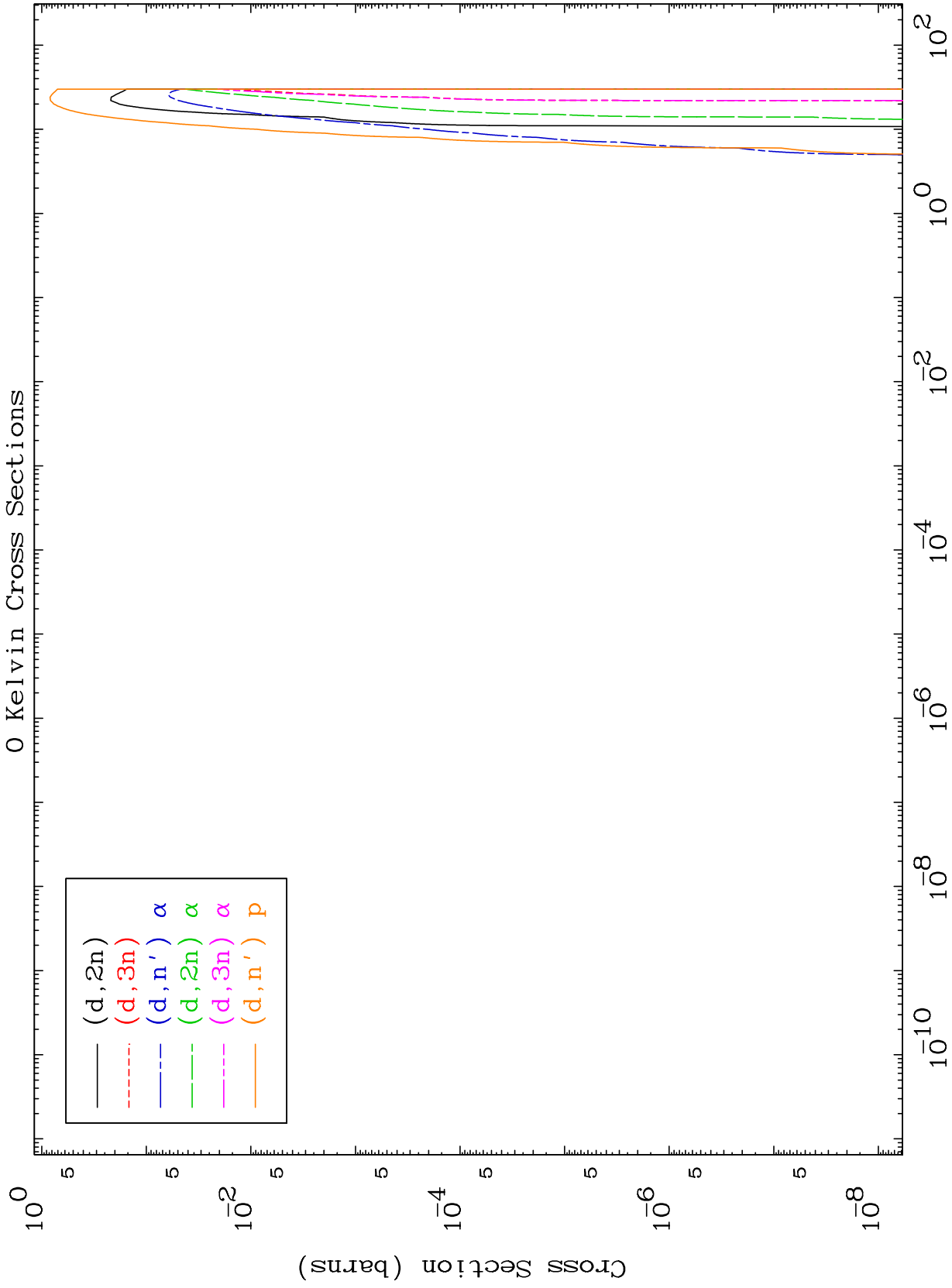
Press Mouse Button to Start



MAT 8181

Deuteron Neutron Production  
0 Kelvin Cross Sections

82-Pb-189



2

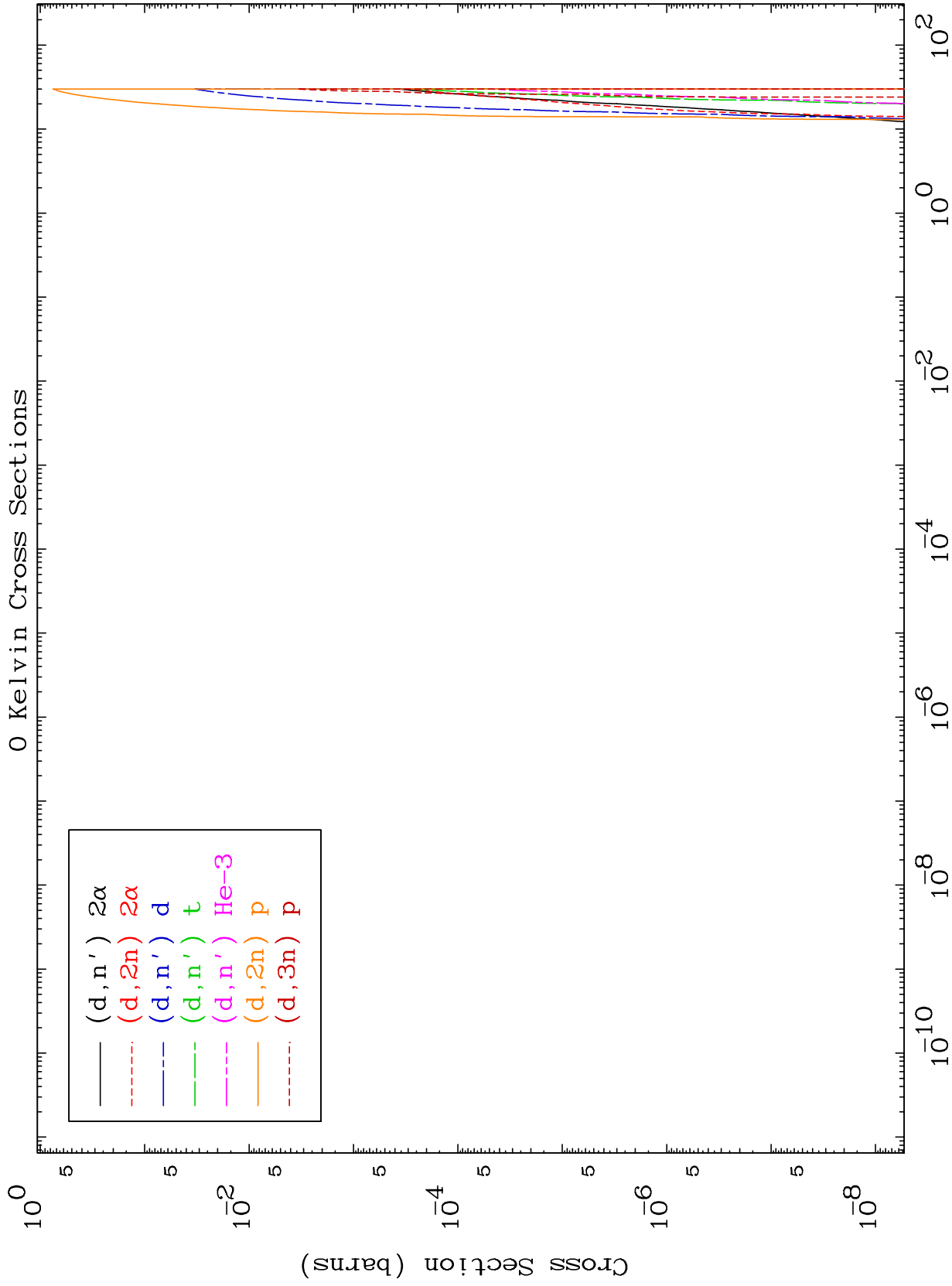
Incident Energy (MeV)

82-Pb-189

MAT 8181

Deuteron Neutron Production  
0 Kelvin Cross Sections

82-Pb-189



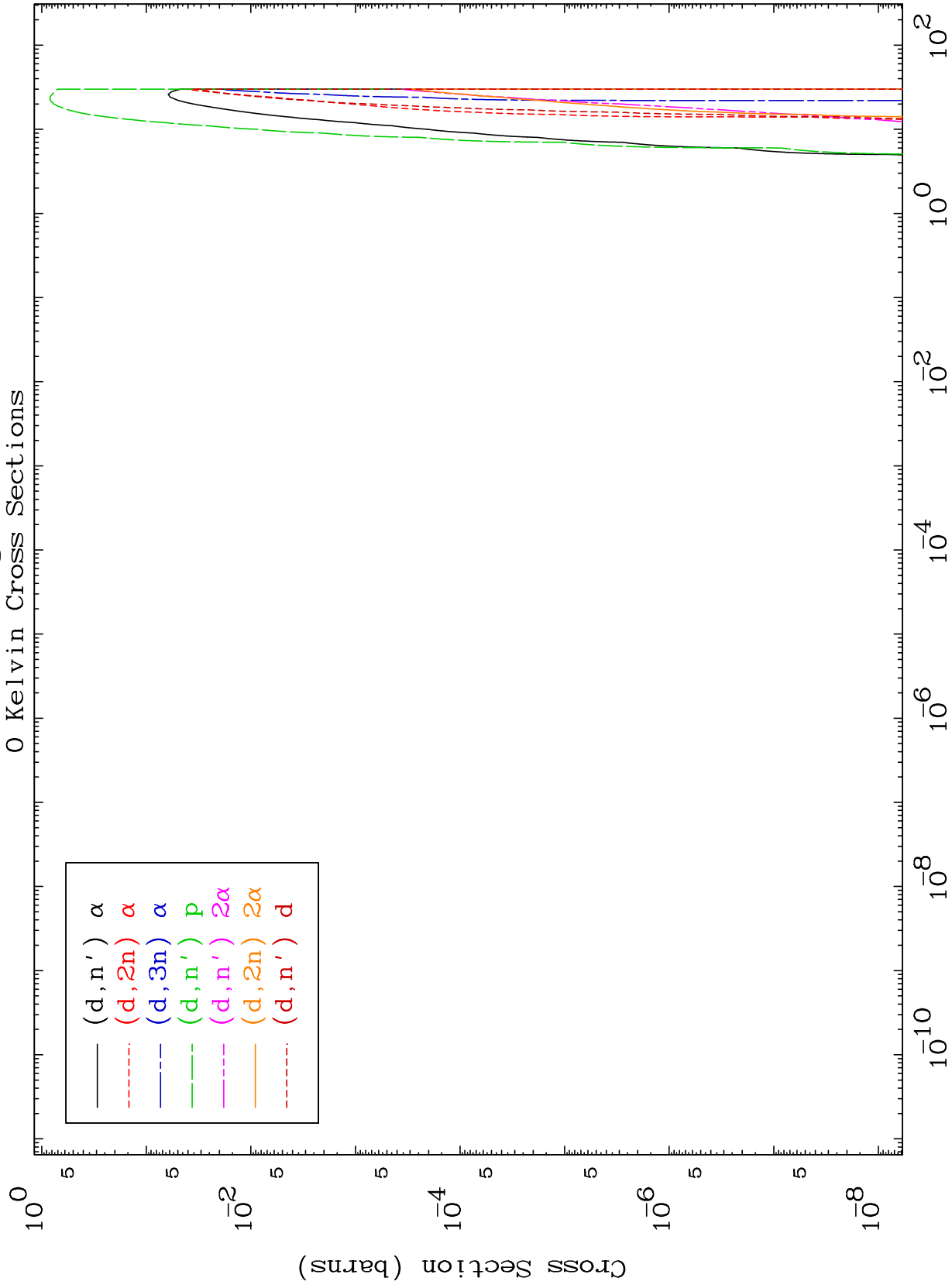
3

82-Pb-189

MAT 8181

Deuteron Charged Particle  
0 Kelvin Cross Sections

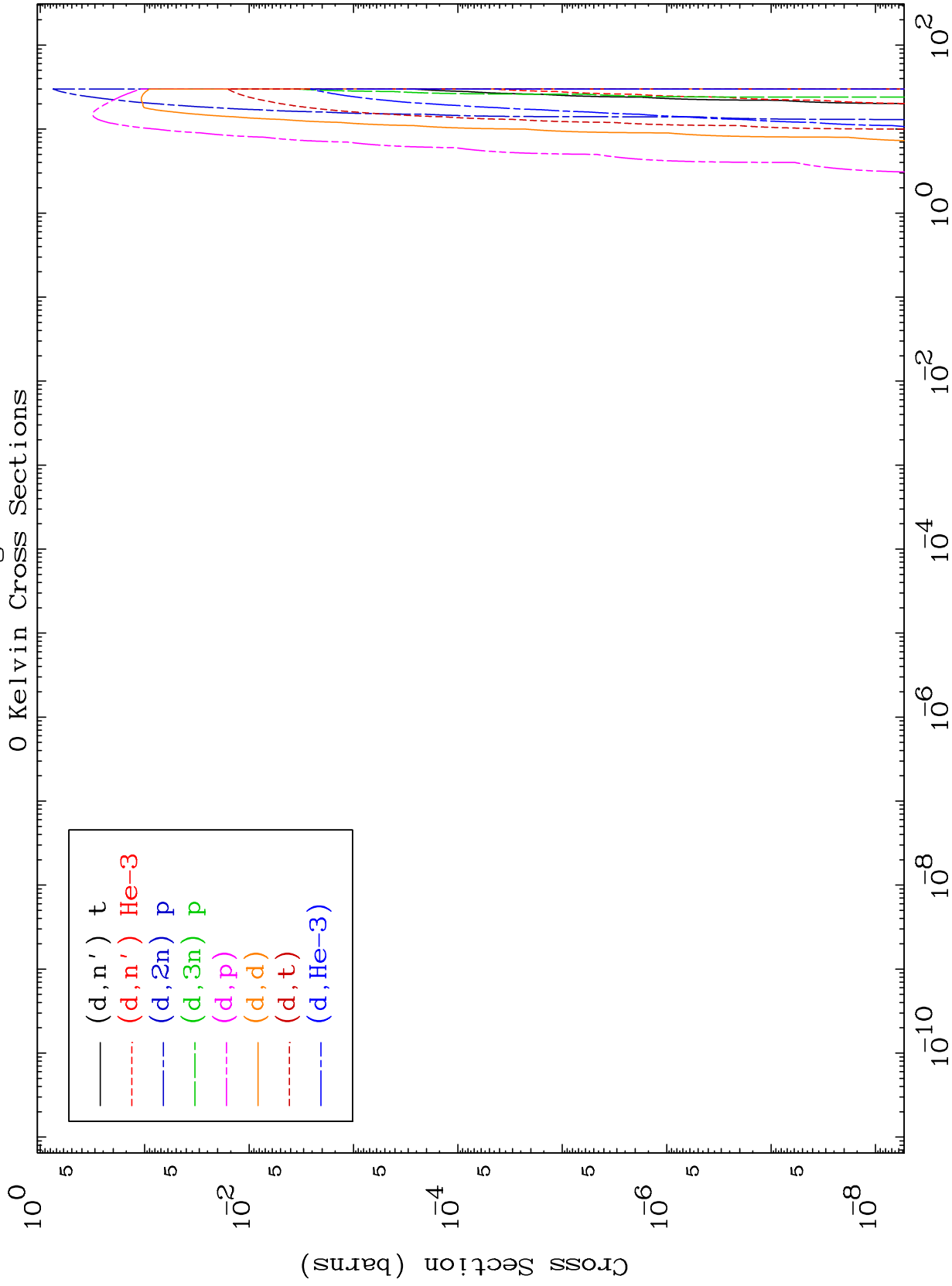
82-Pb-189



MAT 8181

Deuteron Charged Particle  
0 Kelvin Cross Sections

82-Pb-189



5

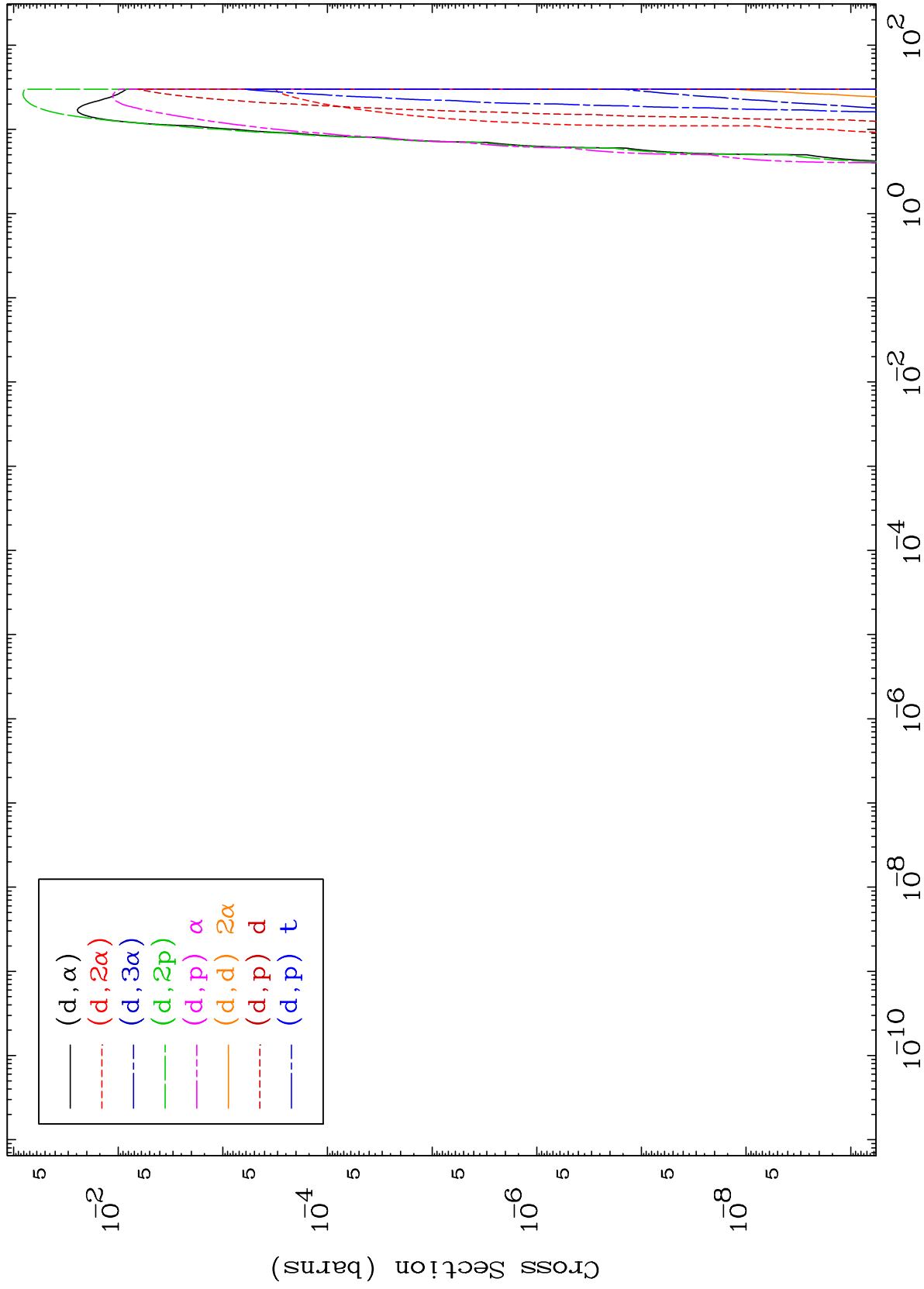
Incident Energy (MeV)

82-Pb-189

MAT 8181

Deuteron Charged Particle  
0 Kelvin Cross Sections

82-Pb-189



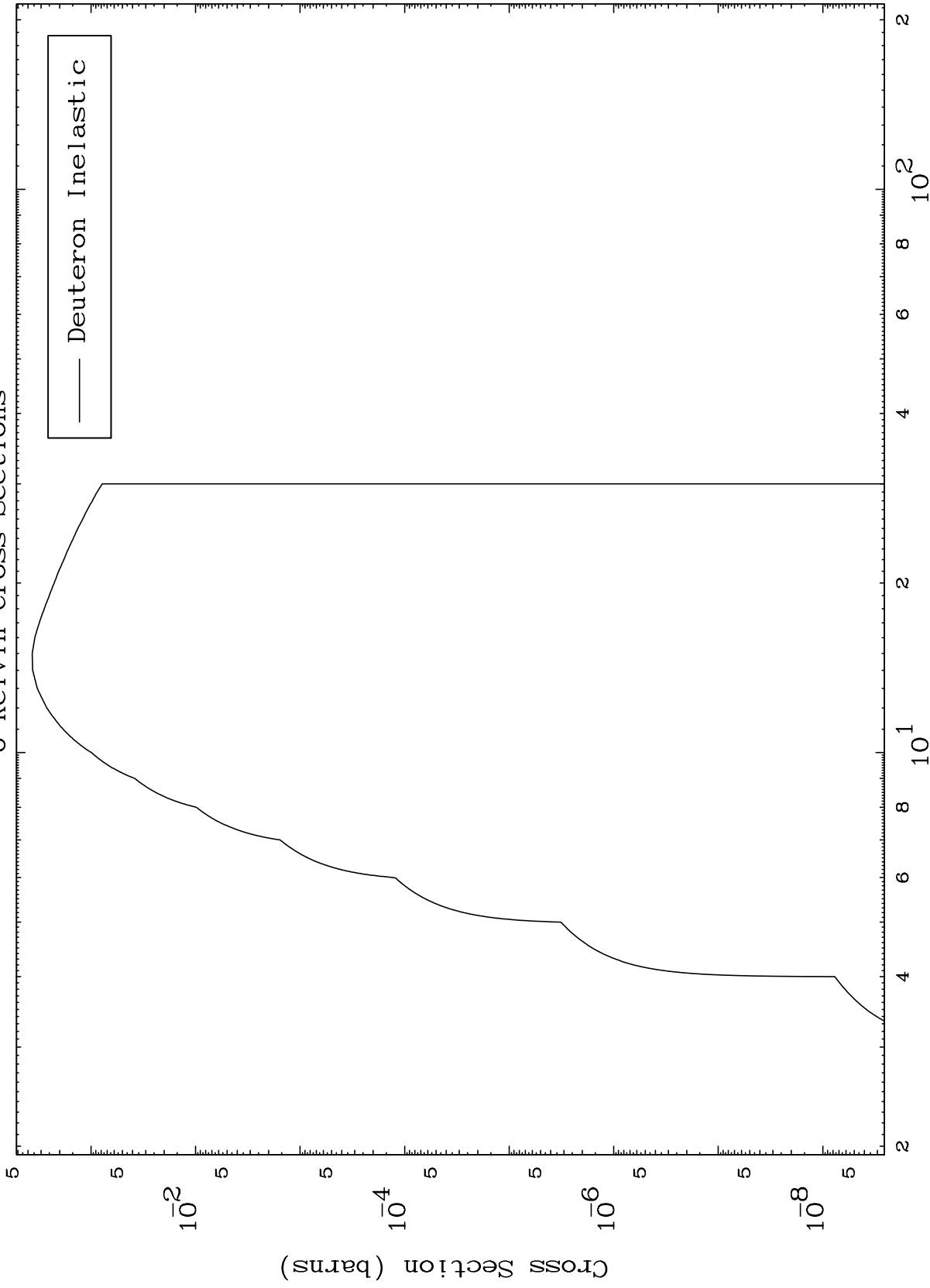
6

82-Pb-189

MAT 8181

(d,n') Level  
0 Kelvin Cross Sections

82-Pb-189



7

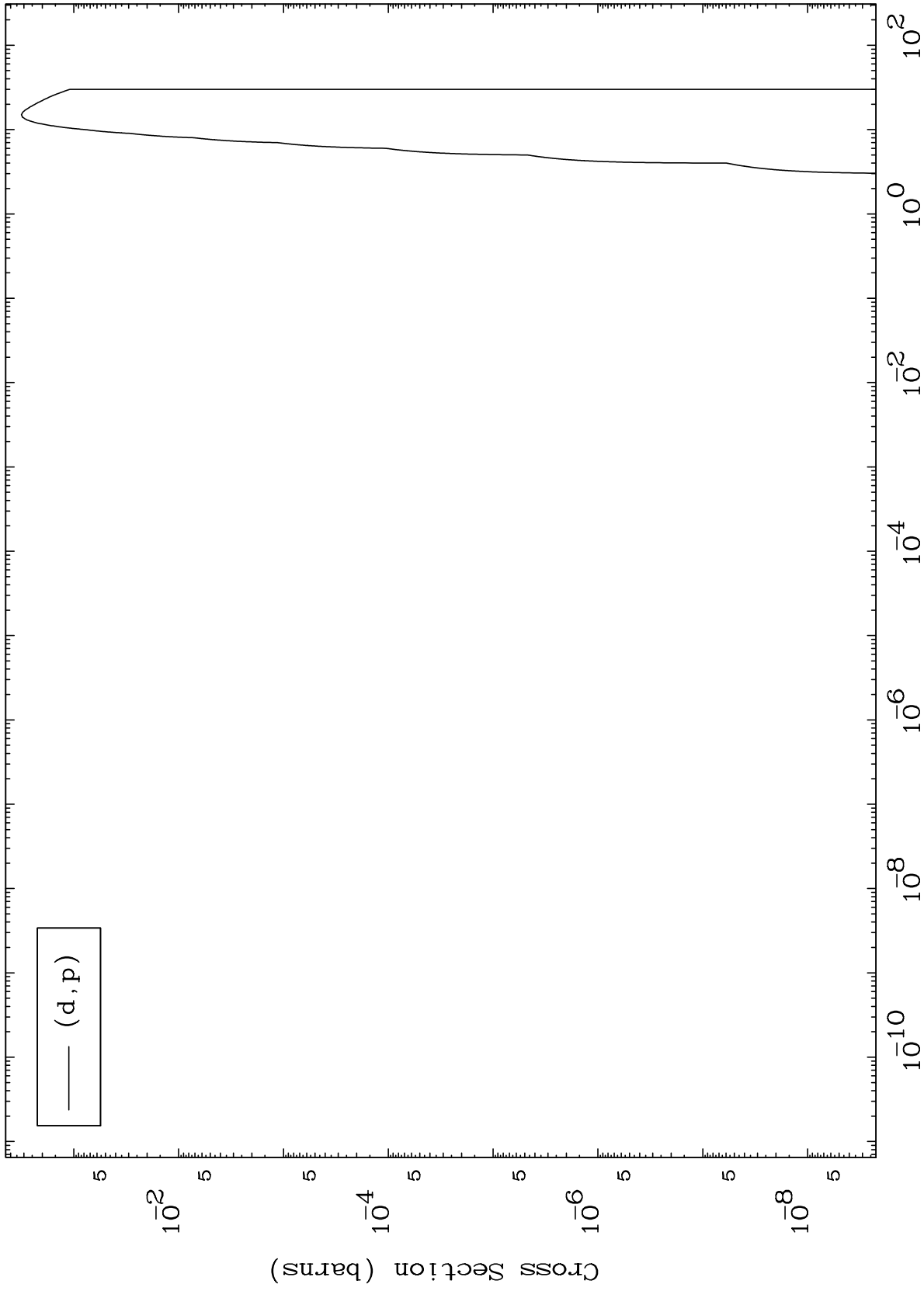
Incident Energy (MeV)

82-Pb-189

MAT 8181

(d,p) Levels  
0 Kelvin Cross Sections

82-Pb-189



8

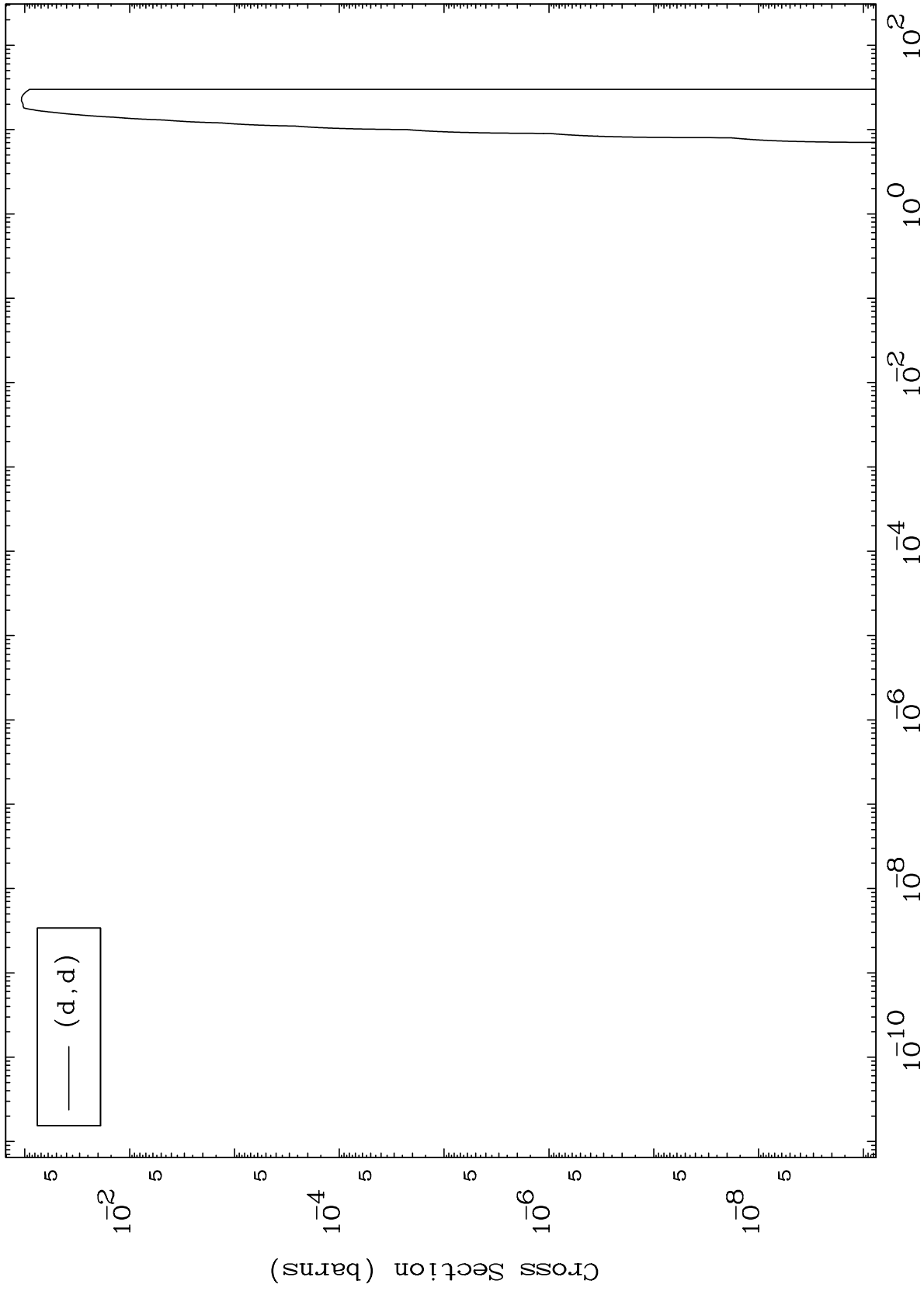
Incident Energy (MeV)

82-Pb-189

MAT 8181

(d,d) Levels  
0 Kelvin Cross Sections

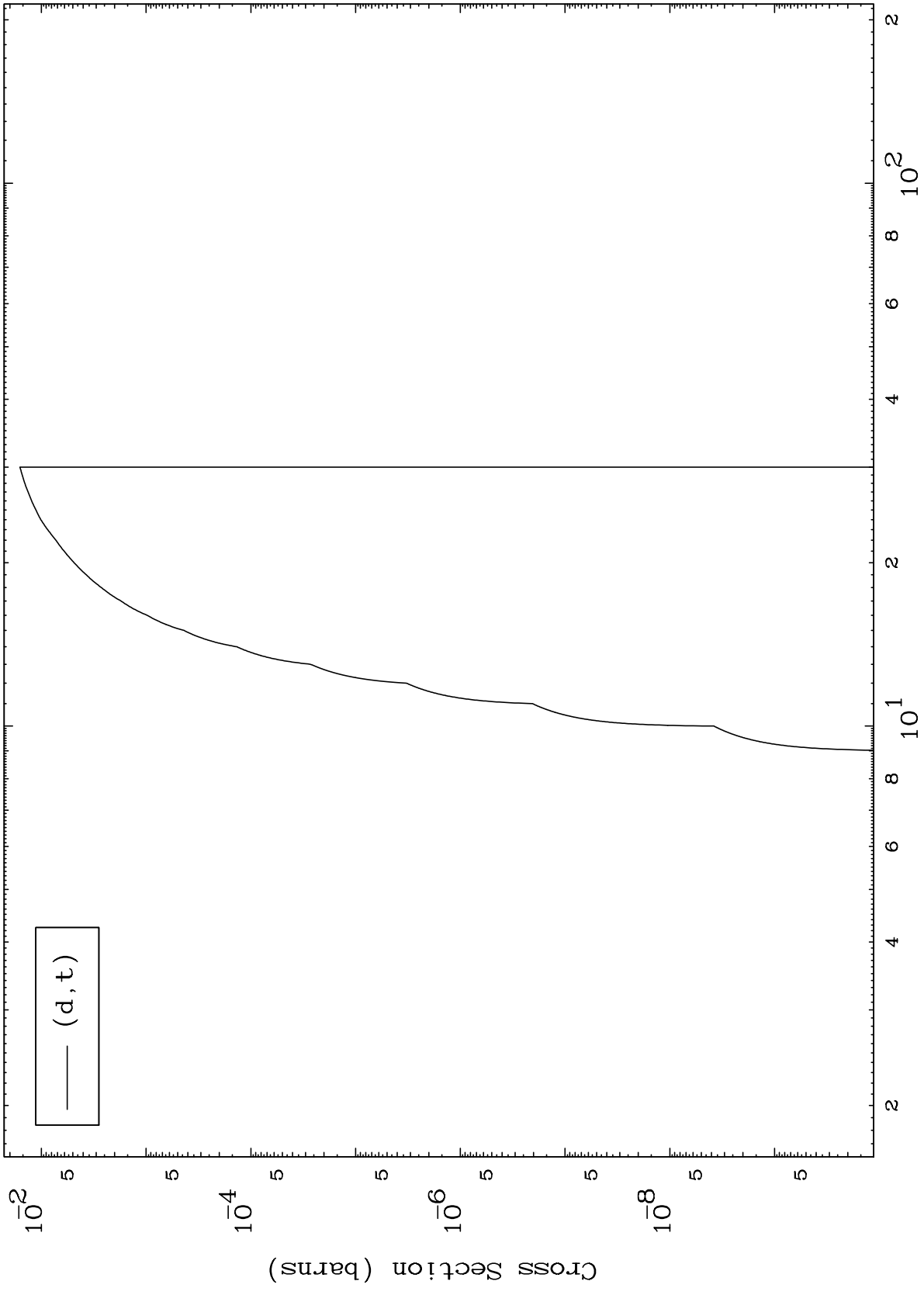
82-Pb-189



MAT 8181

(d,t) Levels  
0 Kelvin Cross Sections

82-Pb-189



10

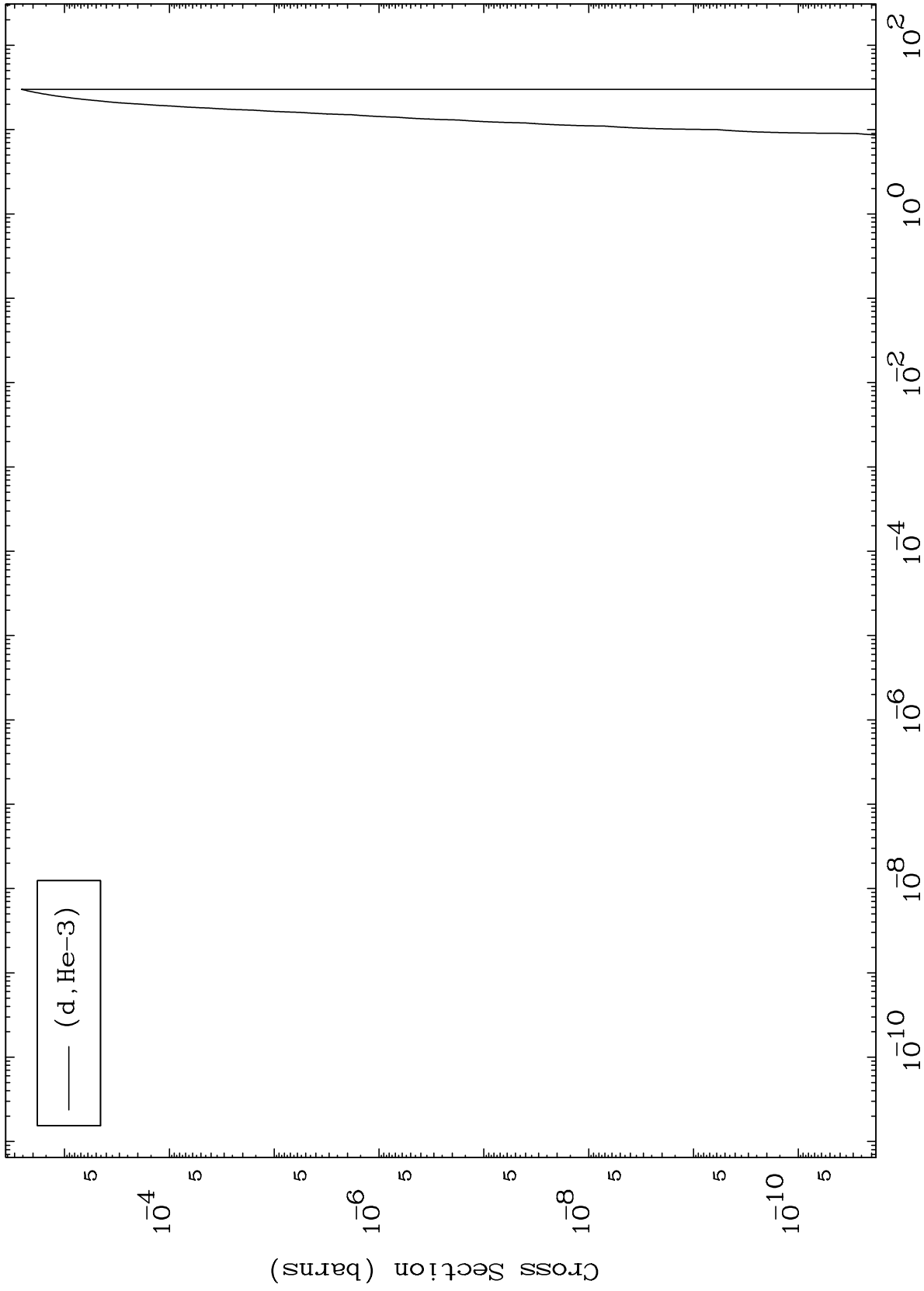
Incident Energy (MeV)

82-Pb-189

MAT 8181

(d,He3) Levels  
0 Kelvin Cross Sections

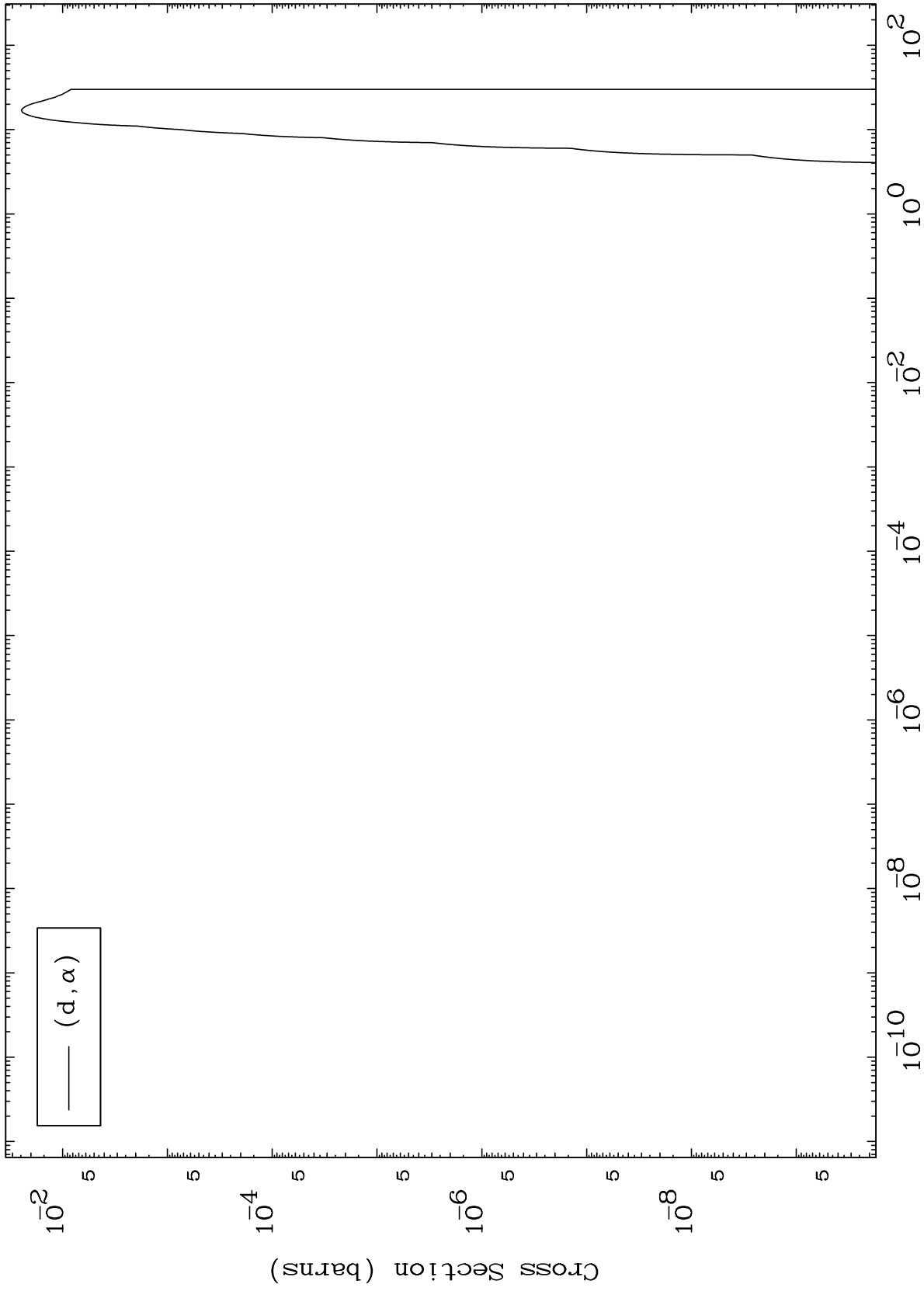
82-Pb-189



MAT 8181

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

82-Pb-189



12

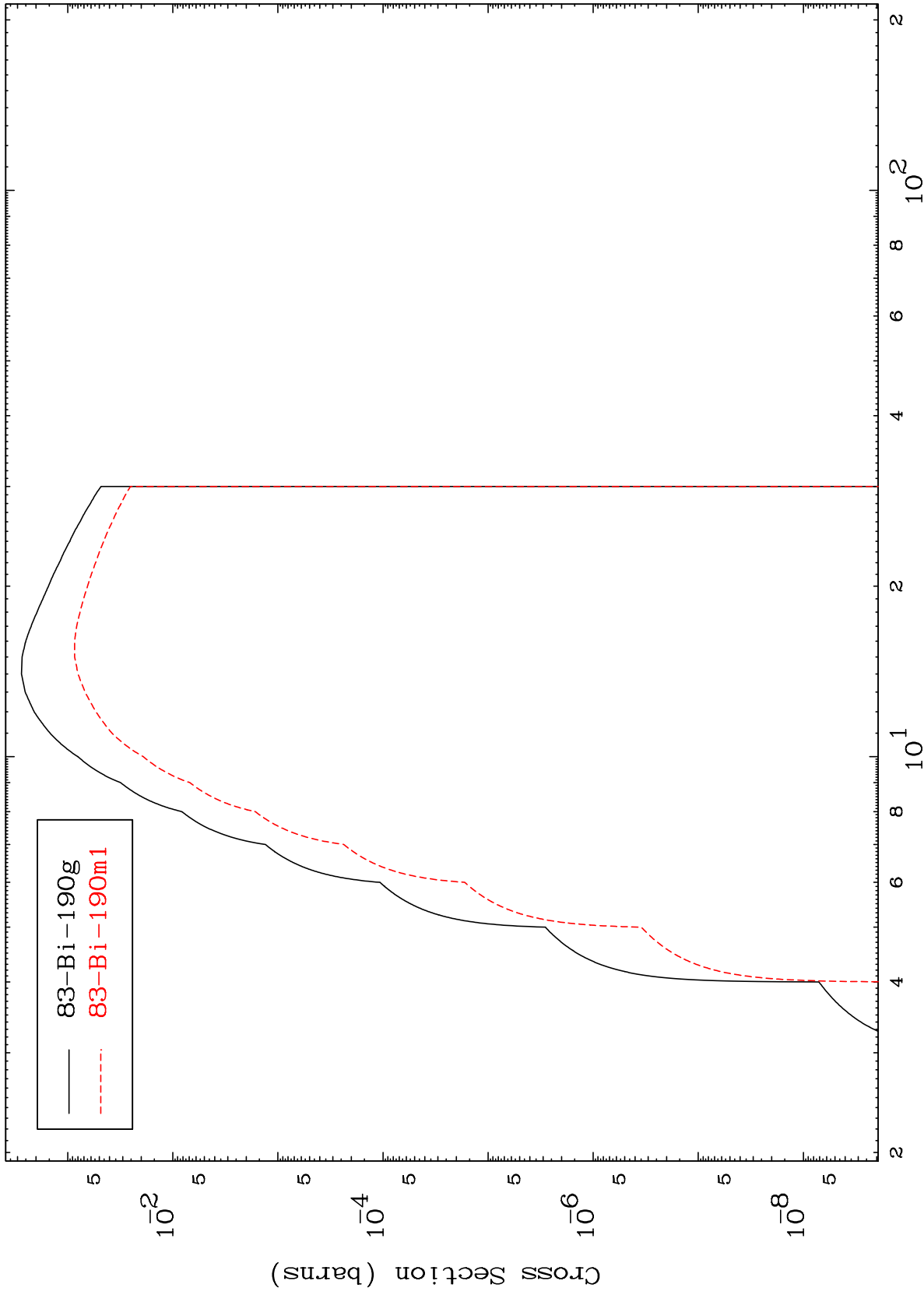
Incident Energy (MeV)

82-Pb-189

MAT 8181

Deuteron Inelastic  
Radionuclide Production Cross Section

82-Pb-189



13

Incident Energy (MeV)

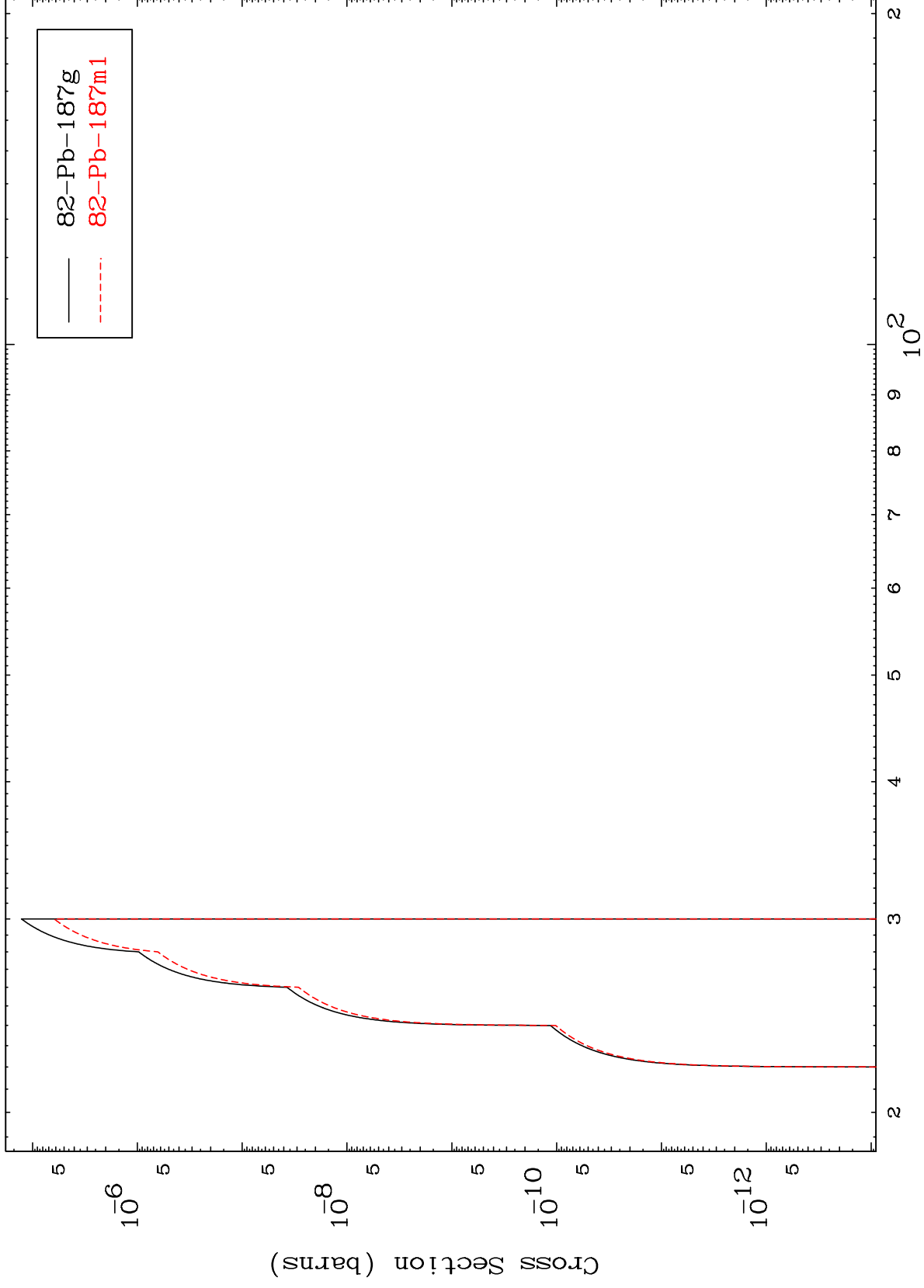
82-Pb-189

MAT 8181

(d,2n) d

82-Pb-189

Radionuclide Production Cross Section



14

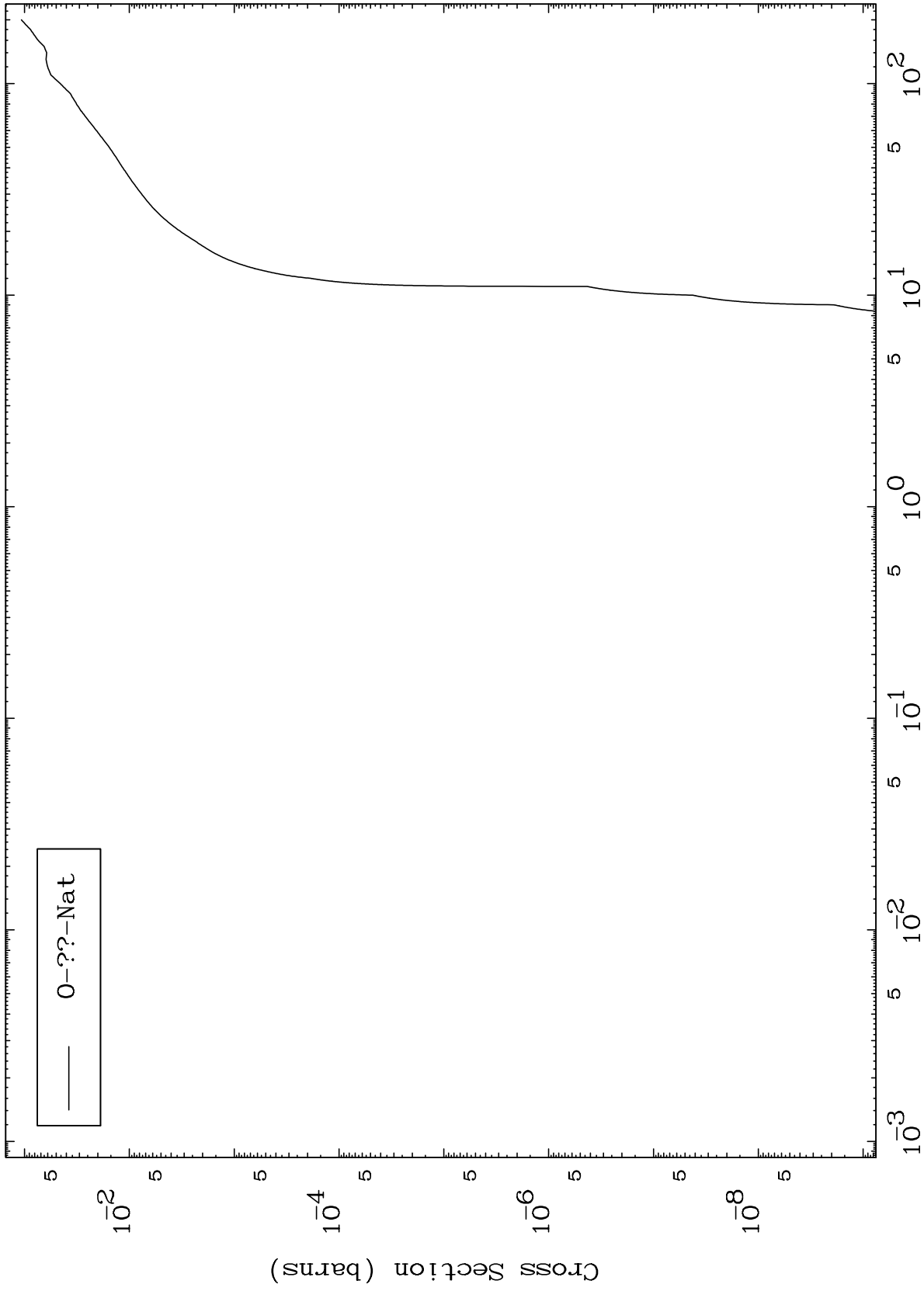
Incident Energy (MeV)

82-Pb-189

MAT 8181

Deuteron Fission  
Radionuclide Production Cross Section

82-Pb-189



0-?-?-Nat

Incident Energy (MeV)

82-Pb-189

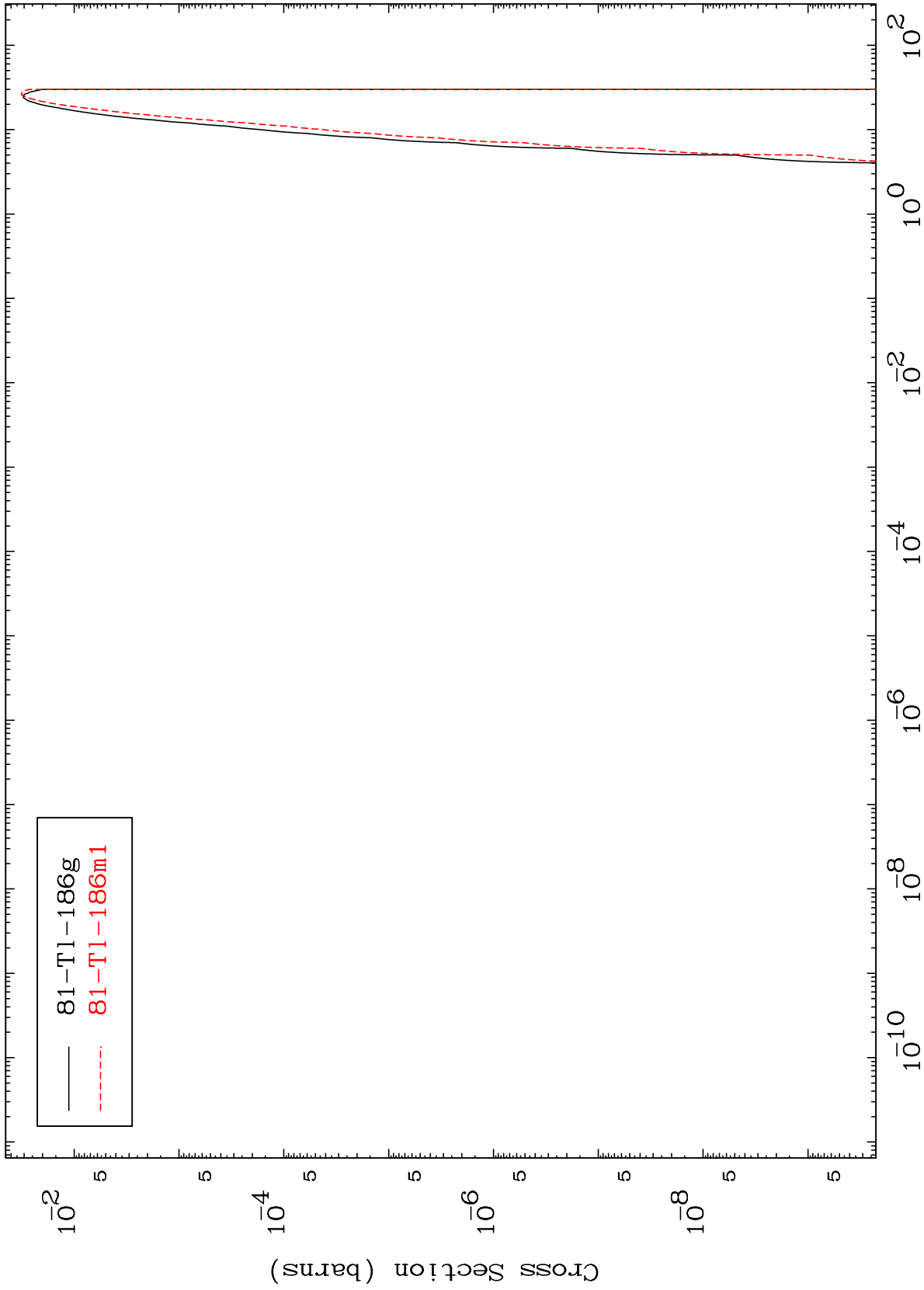
15

MAT 8181

(d,n')  $\alpha$

82-Pb-189

Radionuclide Production Cross Section



16

Incident Energy (MeV)

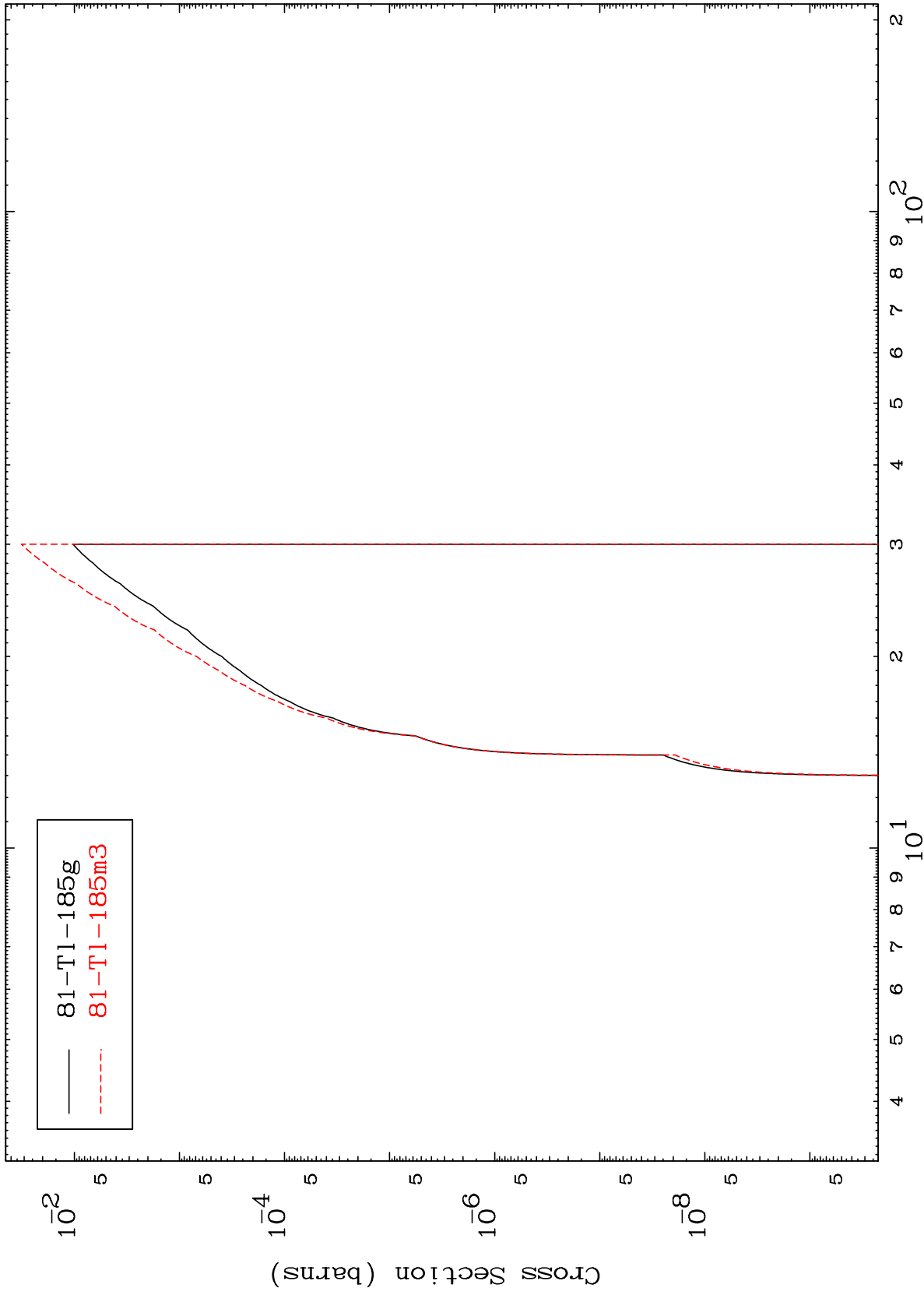
82-Pb-189

MAT 8181

(d,2n)  $\alpha$

82-Pb-189

Radionuclide Production Cross Section

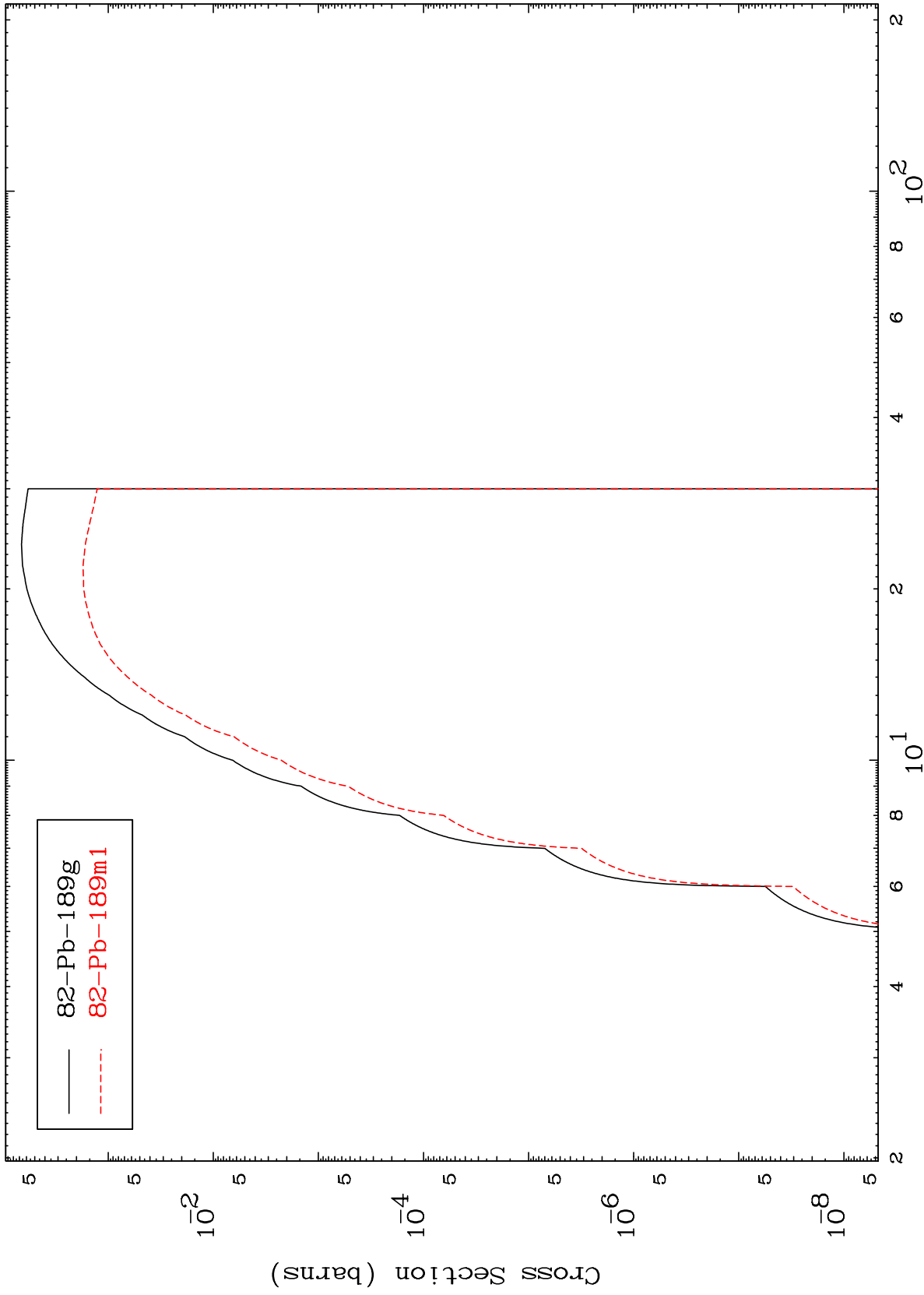


MAT 8181

(d,n') p

82-Pb-189

Radionuclide Production Cross Section



18

Incident Energy (MeV)

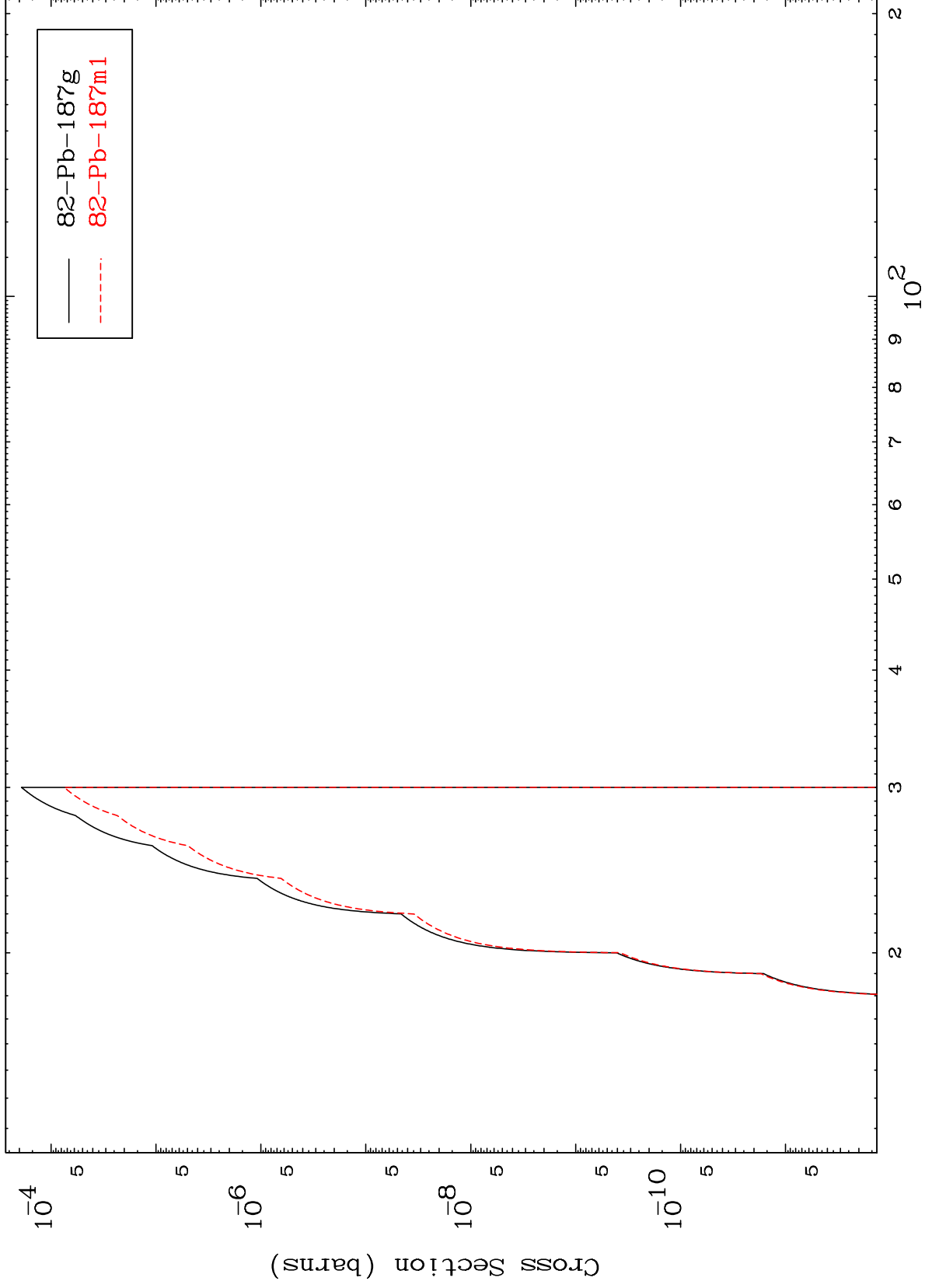
82-Pb-189

MAT 8181

(d,n') t

<sup>82</sup>Pb-189

Radionuclide Production Cross Section



19

Incident Energy (MeV)

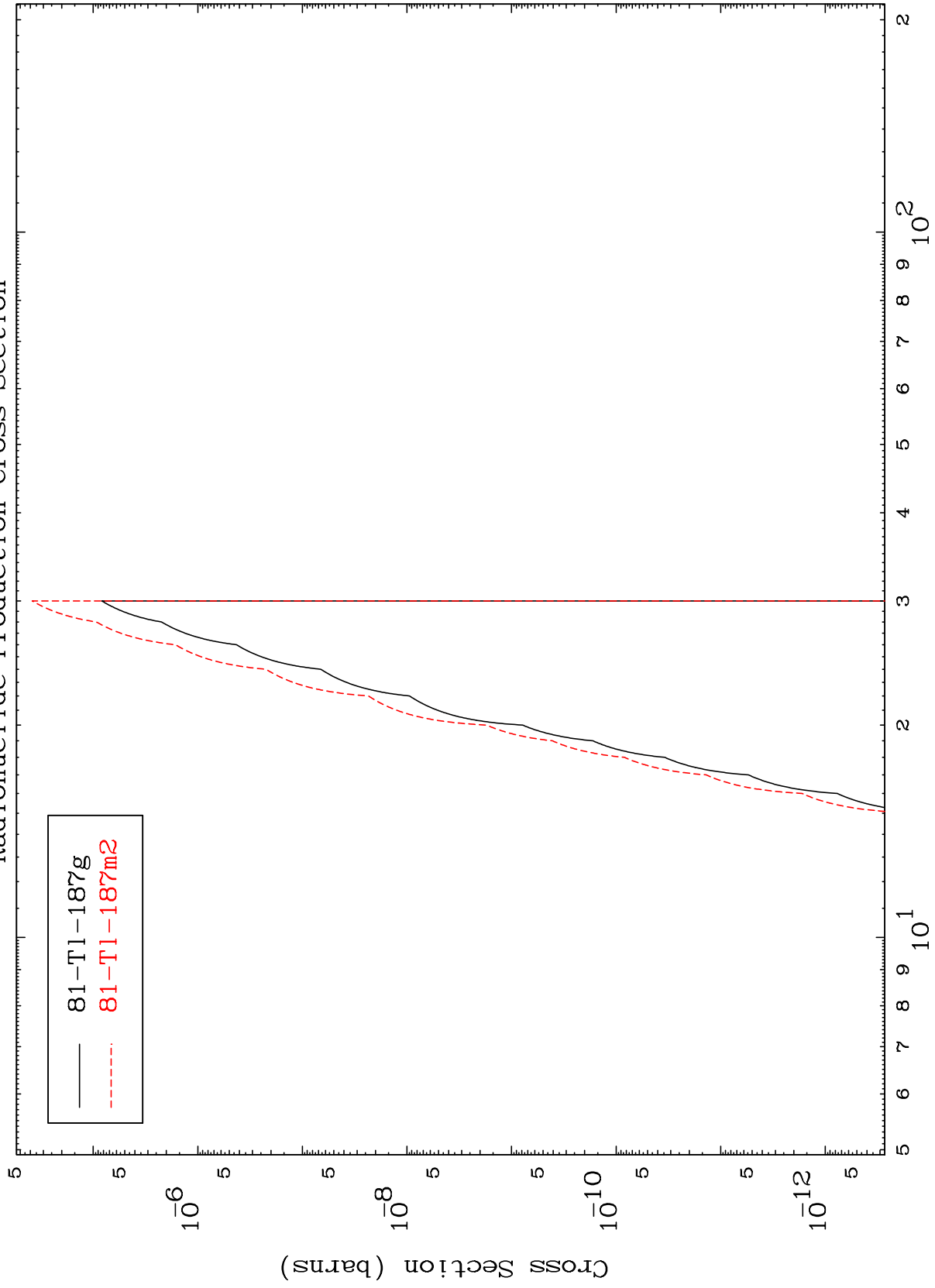
<sup>82</sup>Pb-189

MAT 8181

(d, n') He-3

82-Pb-189

Radionuclide Production Cross Section



20

Incident Energy (MeV)

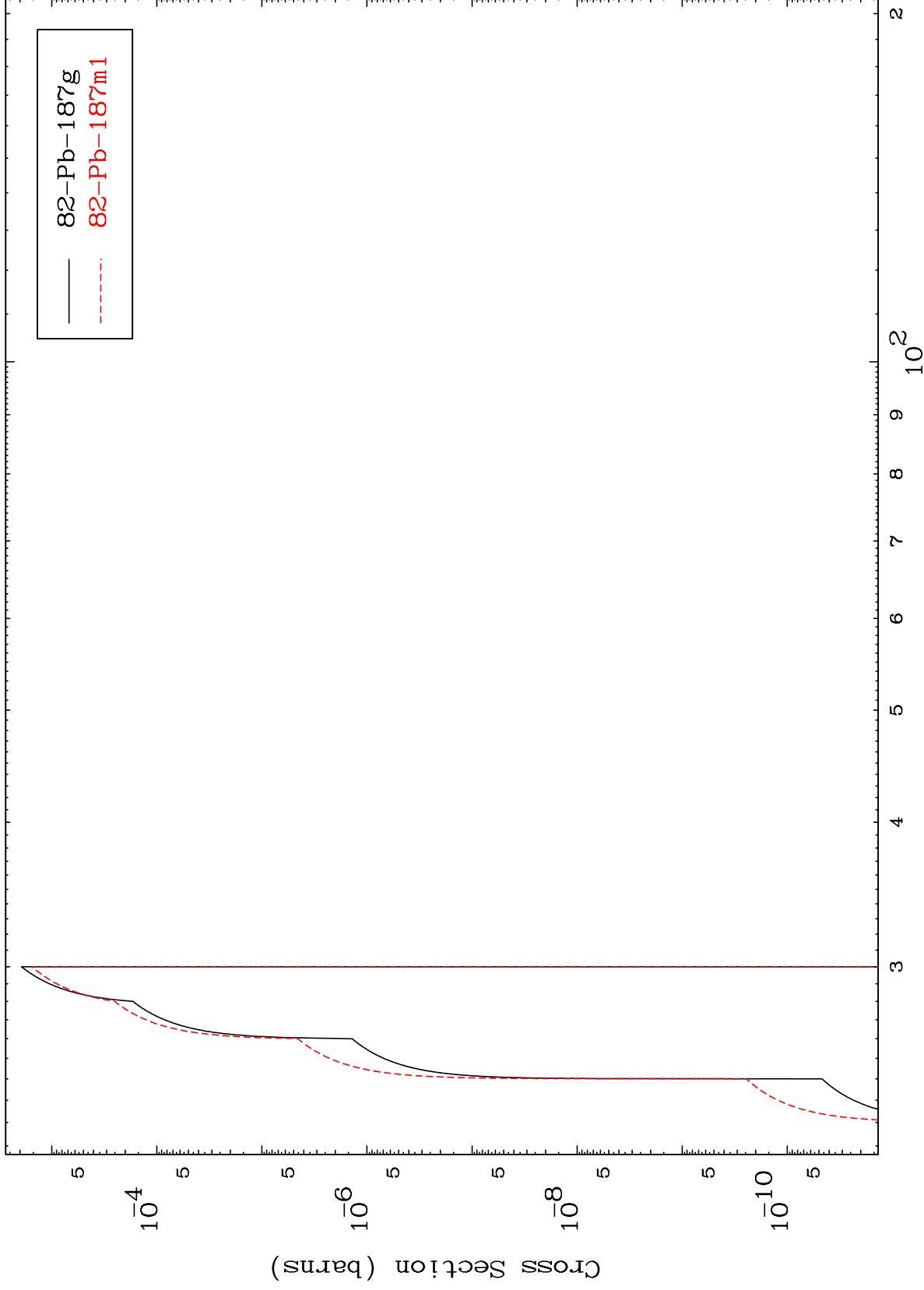
82-Pb-189

MAT 8181

(d,3n) p

82-Pb-189

Radionuclide Production Cross Section



21

Incident Energy (MeV)

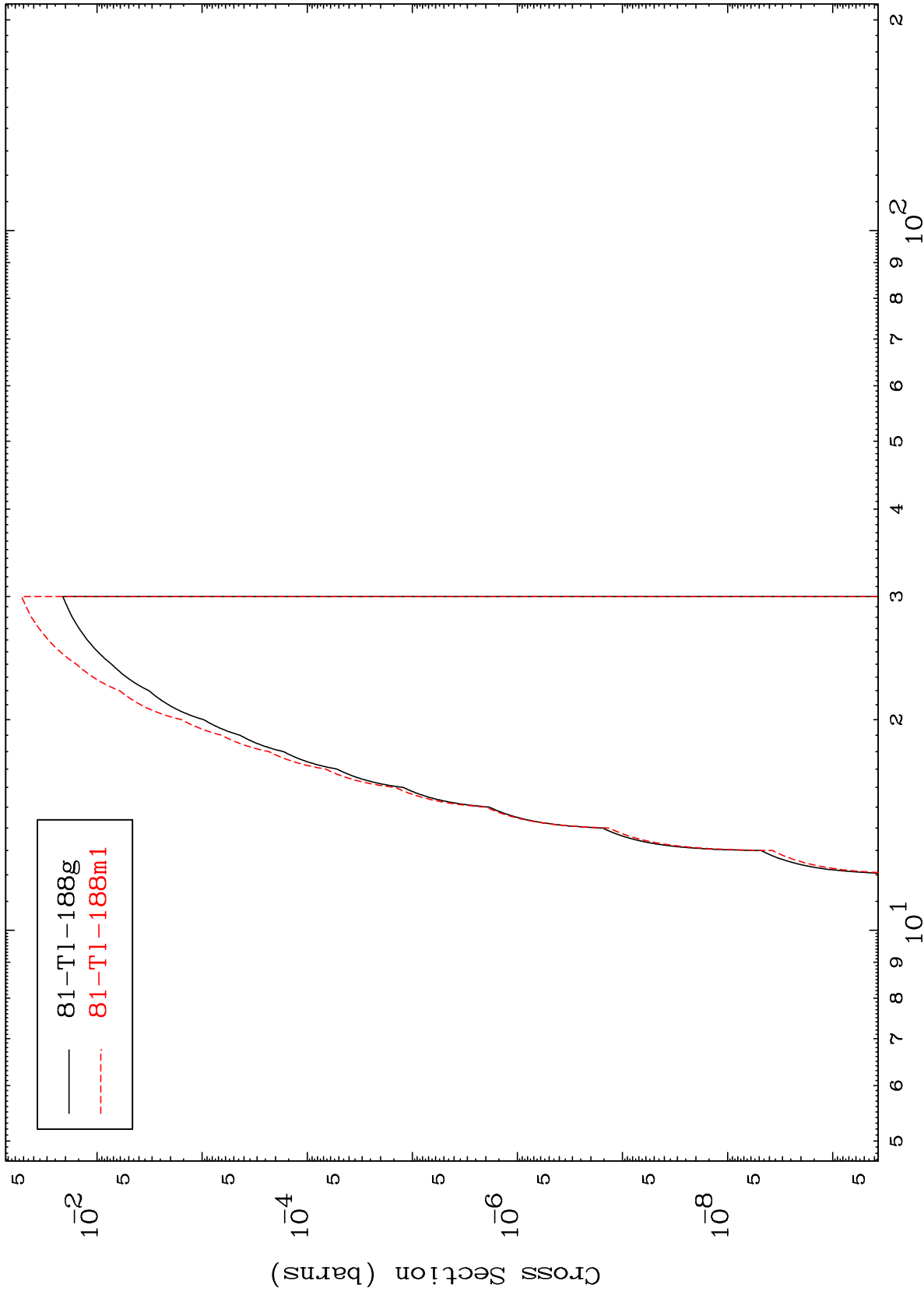
82-Pb-189

MAT 8181

(d,2n) p

82-Pb-189

Radionuclide Production Cross Section



22

Incident Energy (MeV)

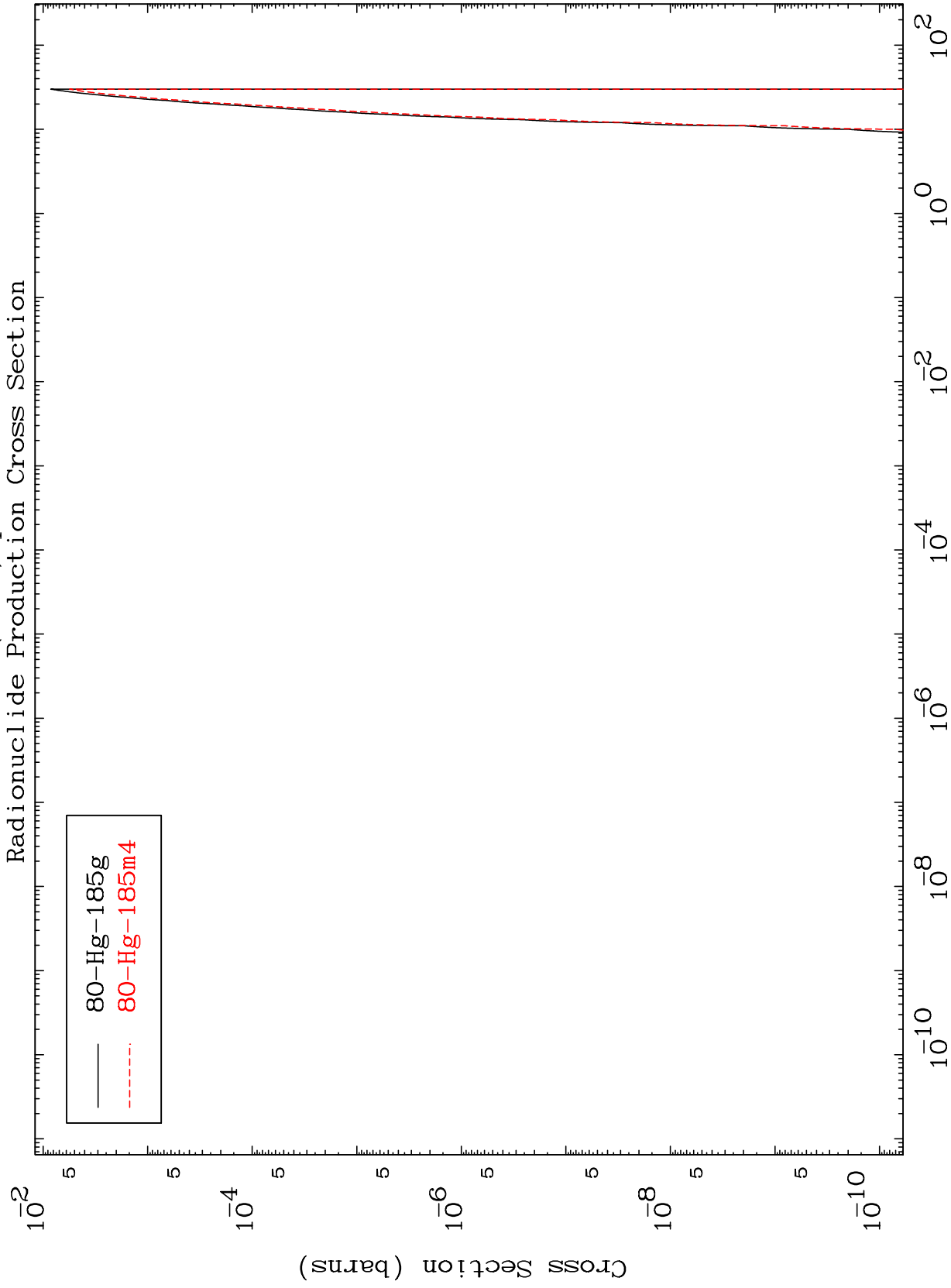
82-Pb-189

MAT 8181

(d,n') p  $\alpha$

82-Pb-189

Radionuclide Production Cross Section



23

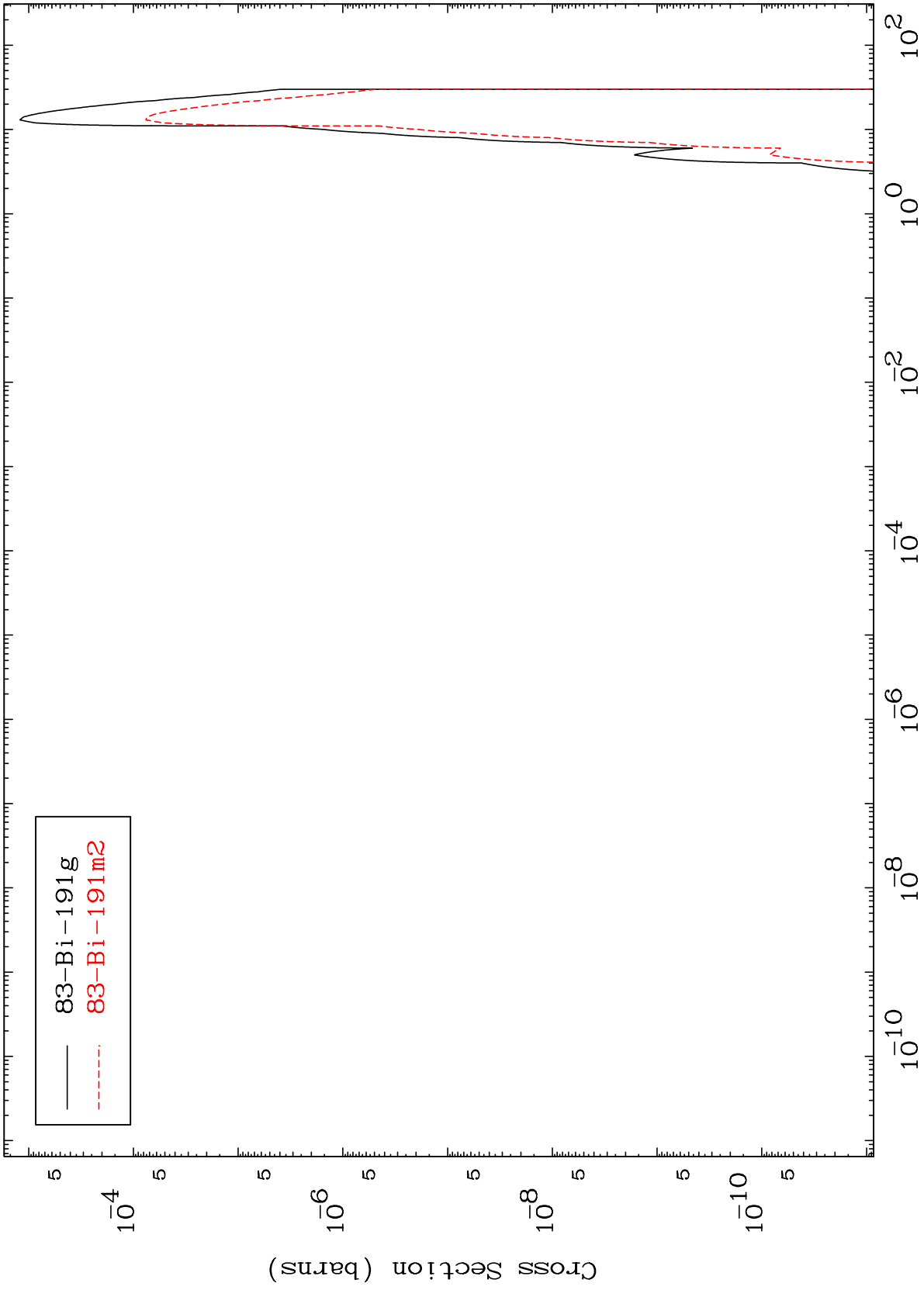
Incident Energy (MeV)

82-Pb-189

MAT 8181

(d,γ)  
Radionuclide Production Cross Section

82-Pb-189



24

Incident Energy (MeV)

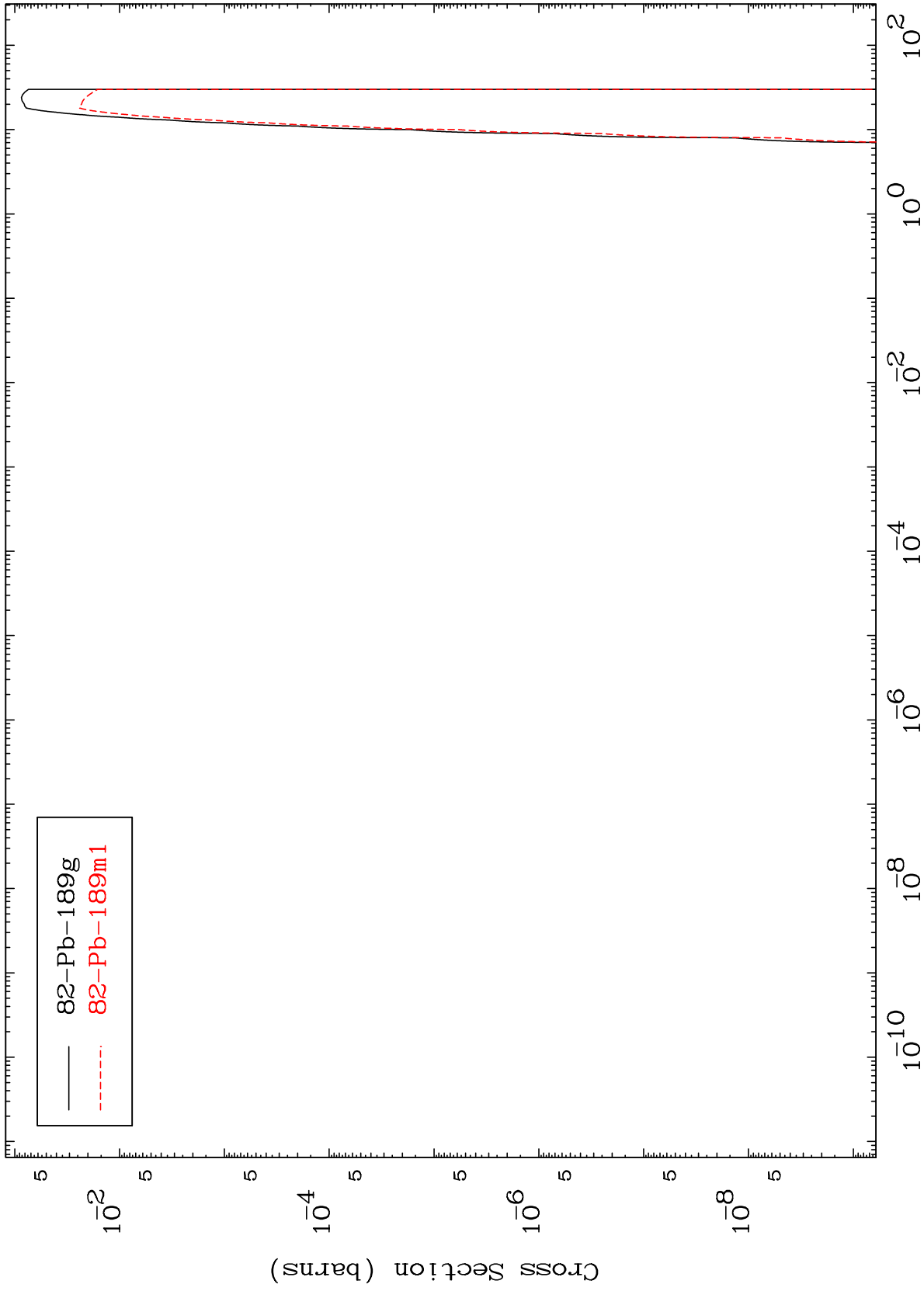
82-Pb-189

MAT 8181

(d,d)

<sup>82</sup>Pb-189

Radionuclide Production Cross Section



25

Incident Energy (MeV)

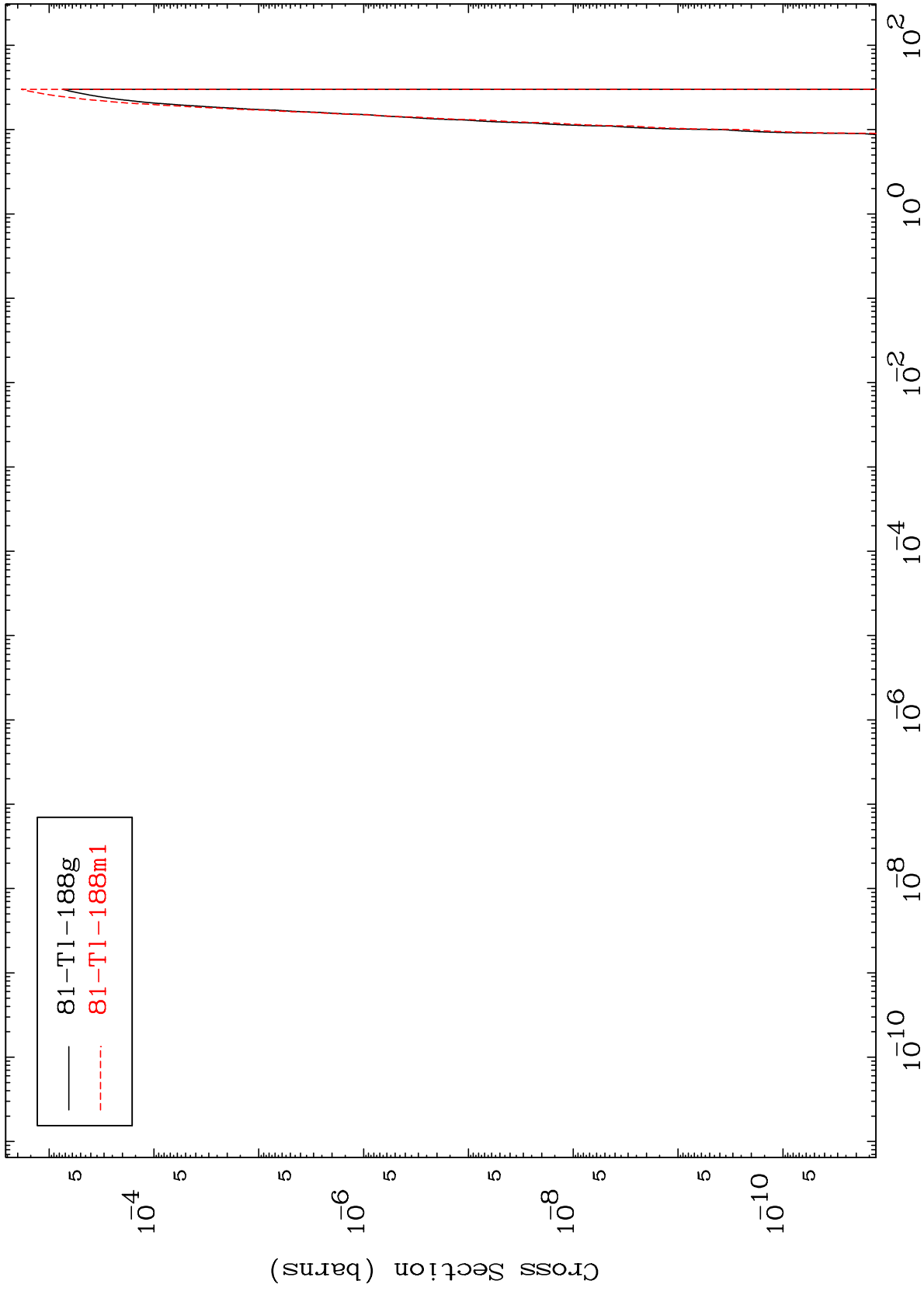
<sup>82</sup>Pb-189

MAT 8181

(d,He-3)

82-Pb-189

Radionuclide Production Cross Section



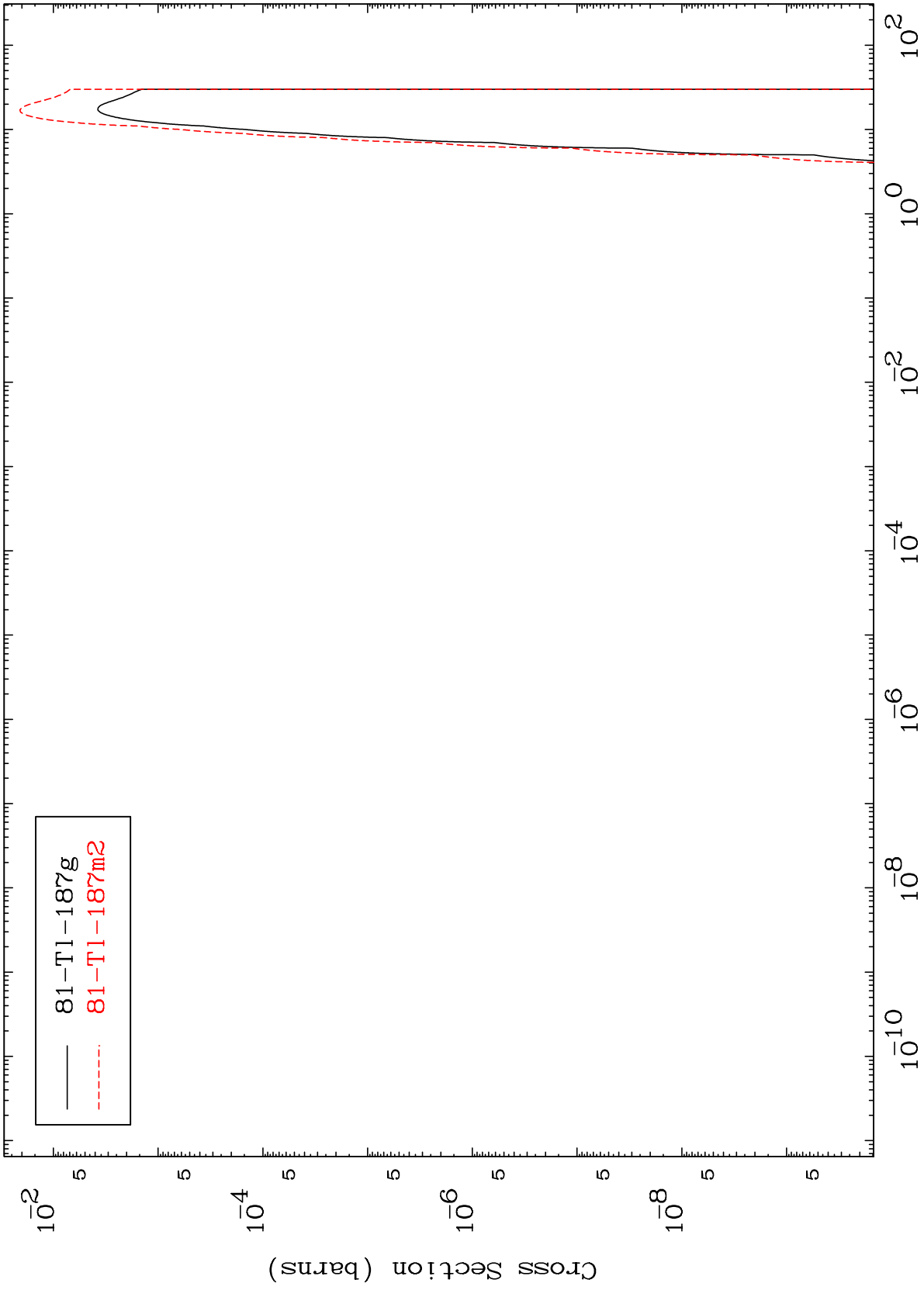
82-Pb-189

MAT 8181

(d,  $\alpha$ )

82-Pb-189

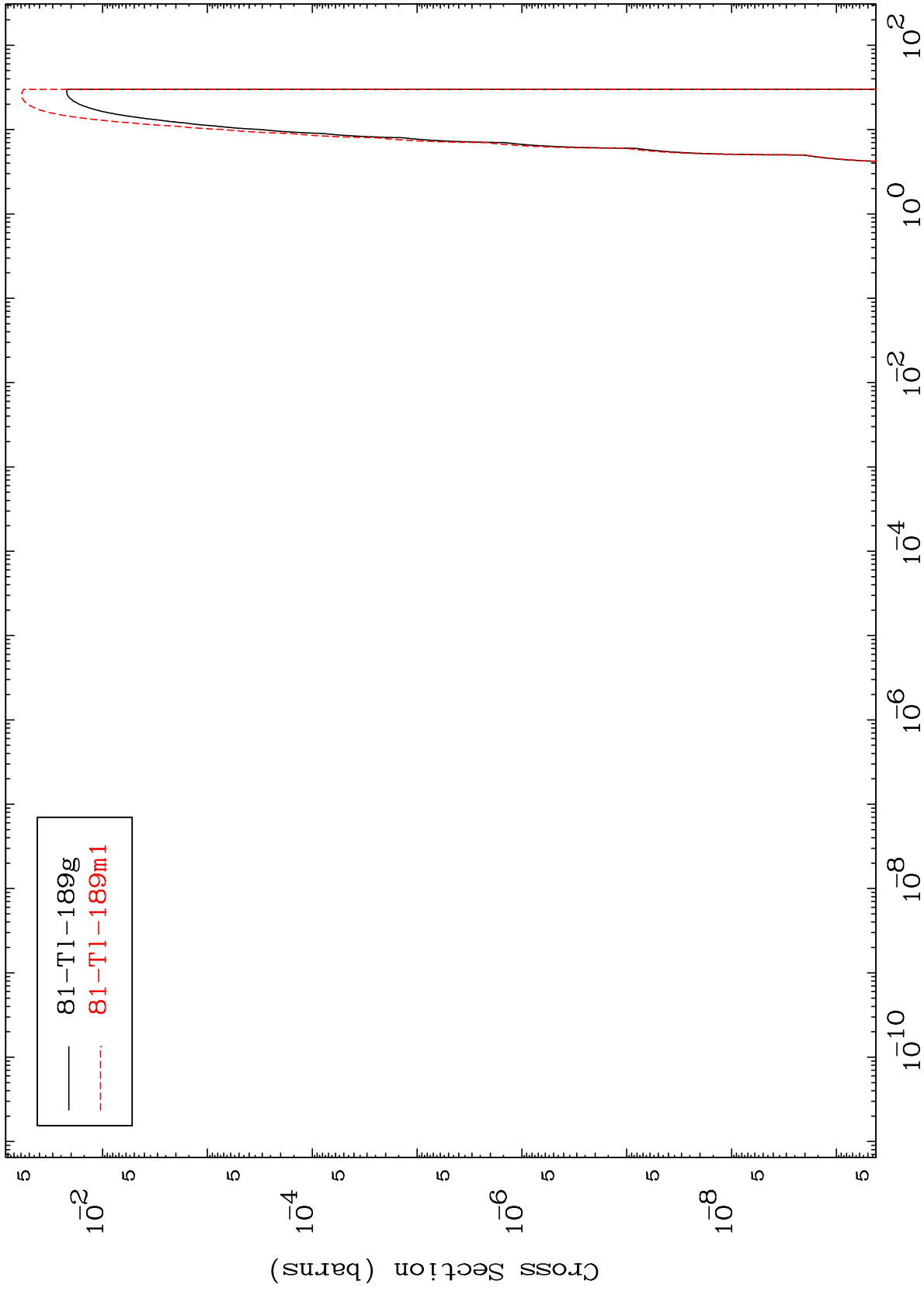
Radionuclide Production Cross Section



MAT 8181

82-Pb-189

(d,2p)  
Radionuclide Production Cross Section



28

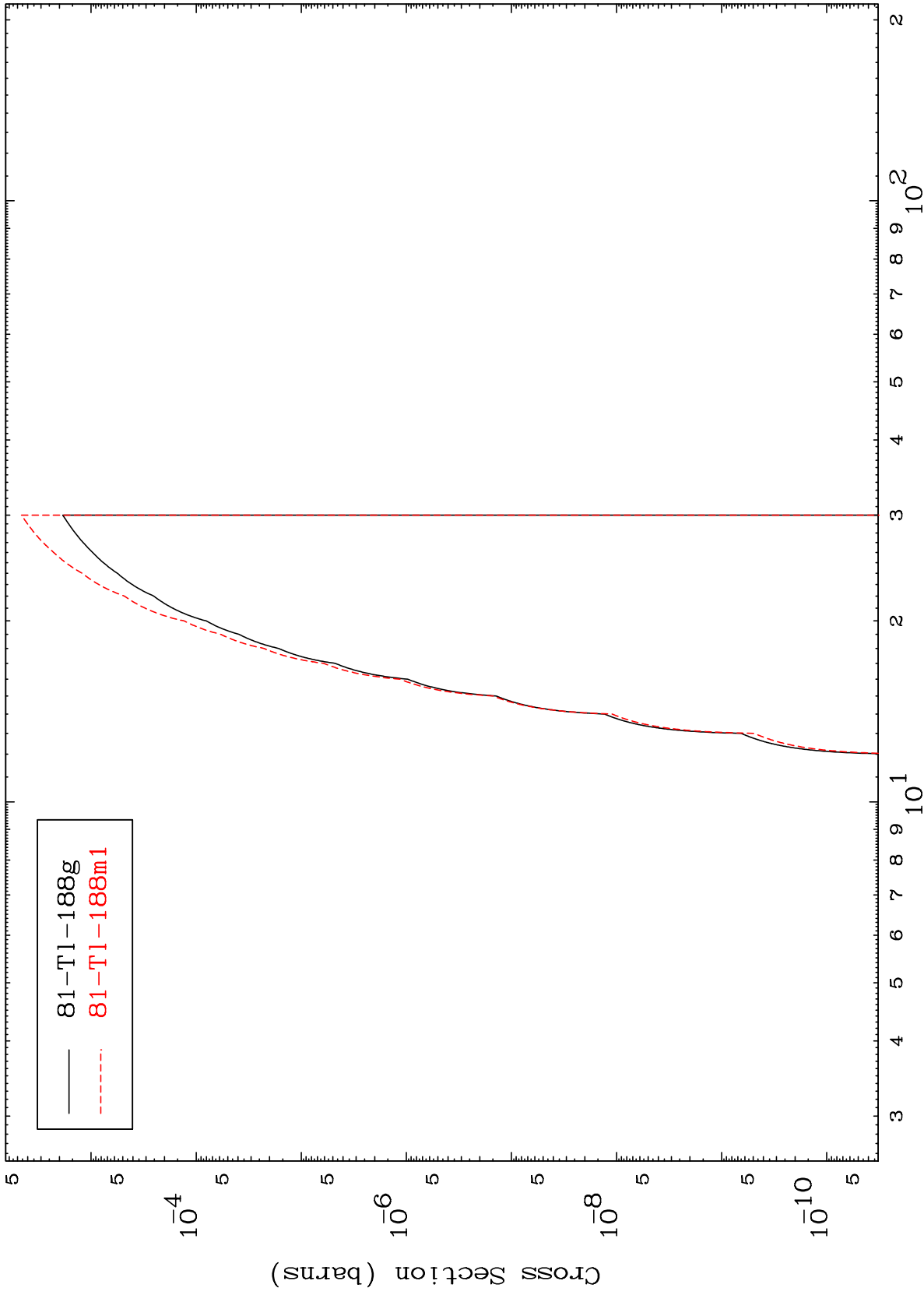
82-Pb-189

MAT 8181

(d,p) d

82-Pb-189

Radionuclide Production Cross Section



29

Incident Energy (MeV)

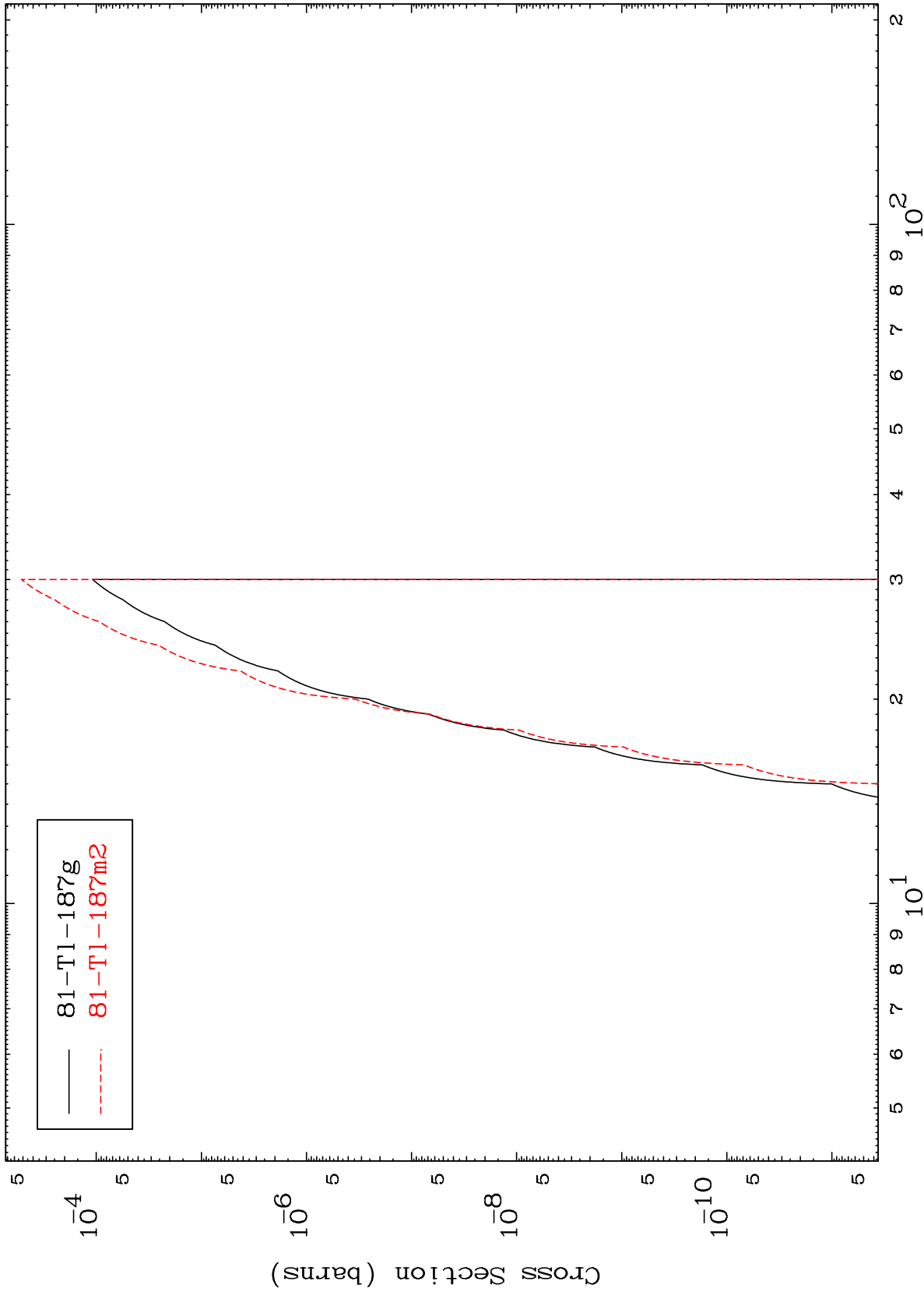
82-Pb-189

MAT 8181

(d,p) t

82-Pb-189

Radionuclide Production Cross Section



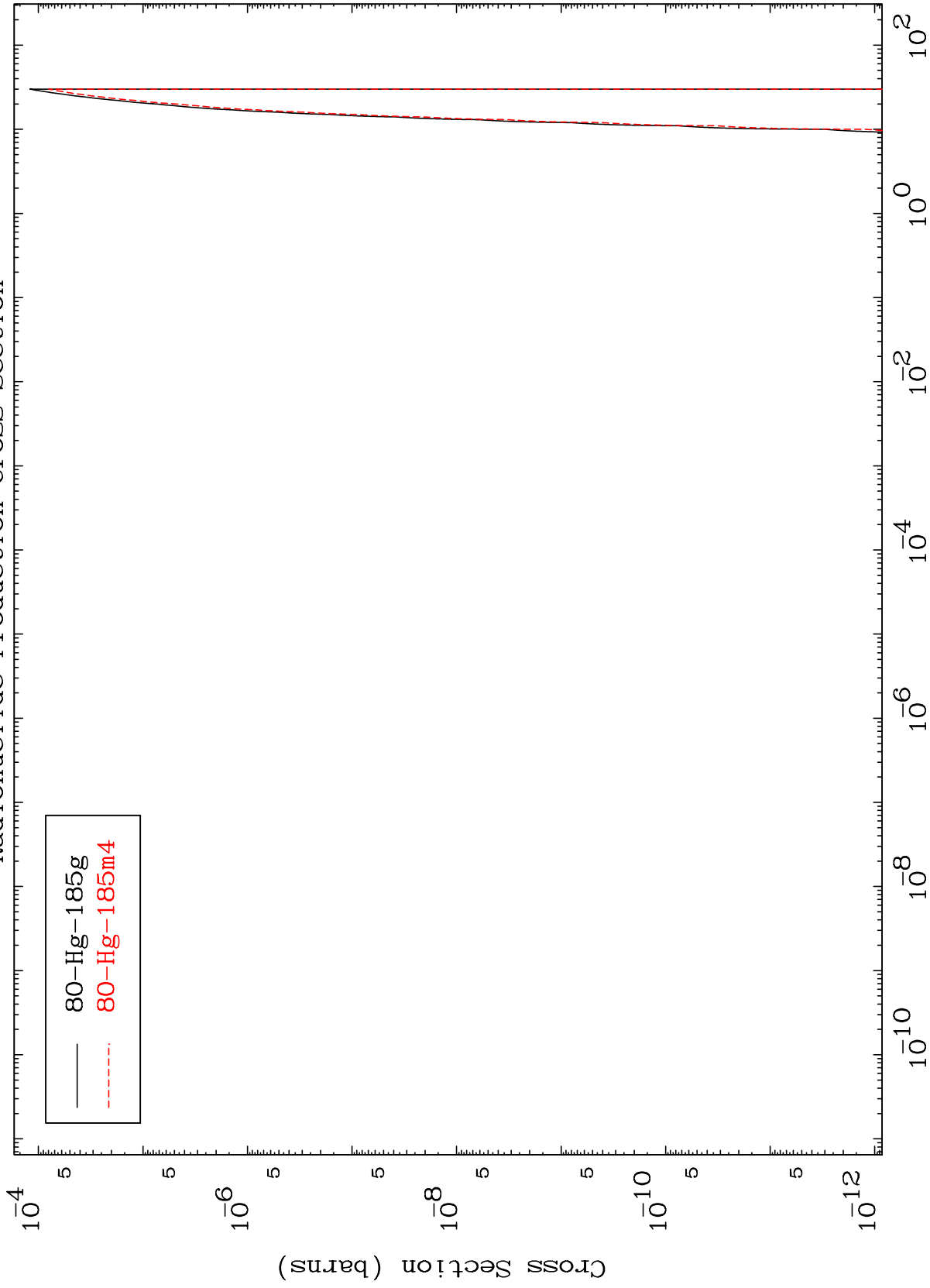
30

MAT 8181

(d,d)  $\alpha$

82-Pb-189

Radionuclide Production Cross Section



31

Incident Energy (MeV)

82-Pb-189