

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

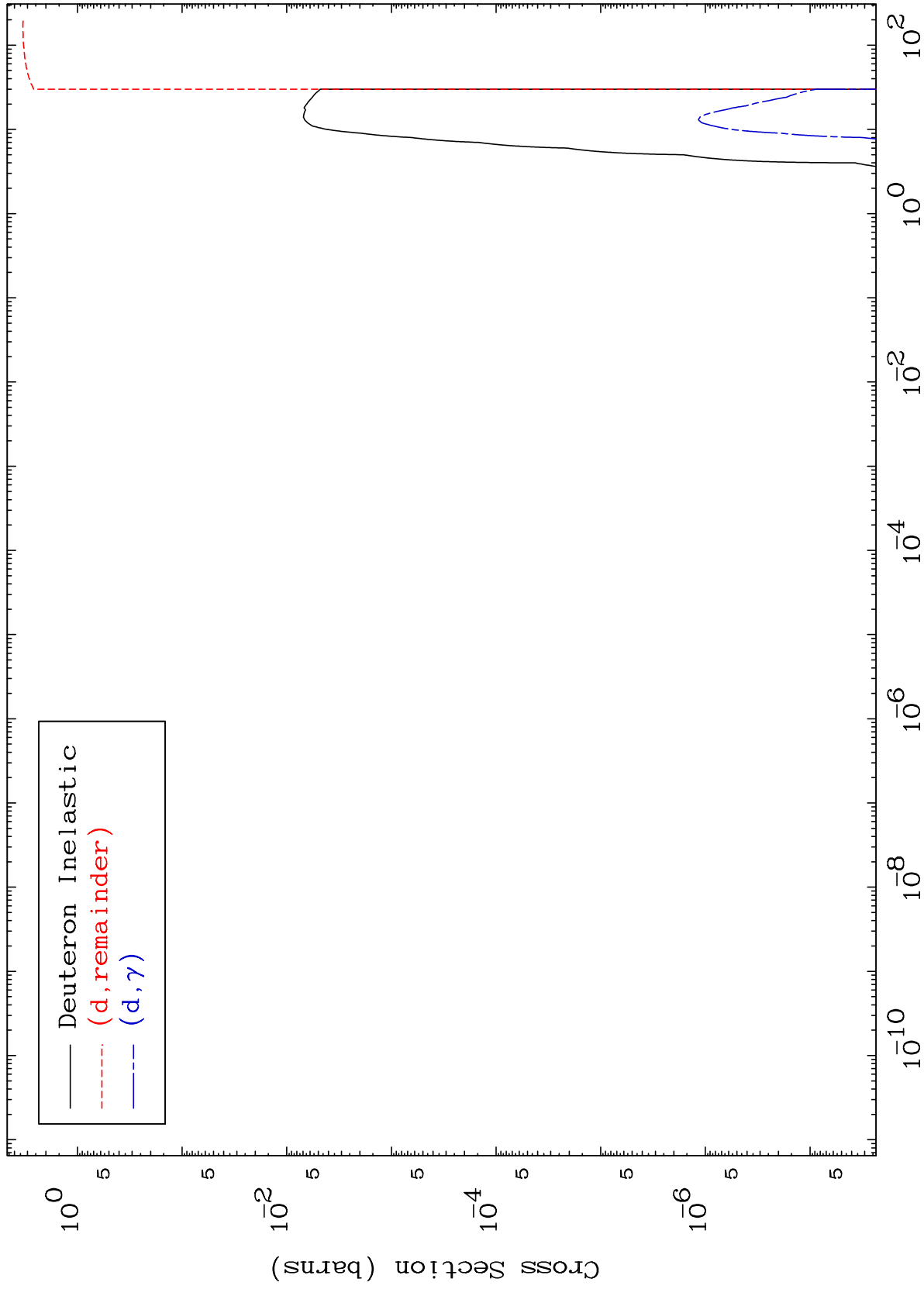
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E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

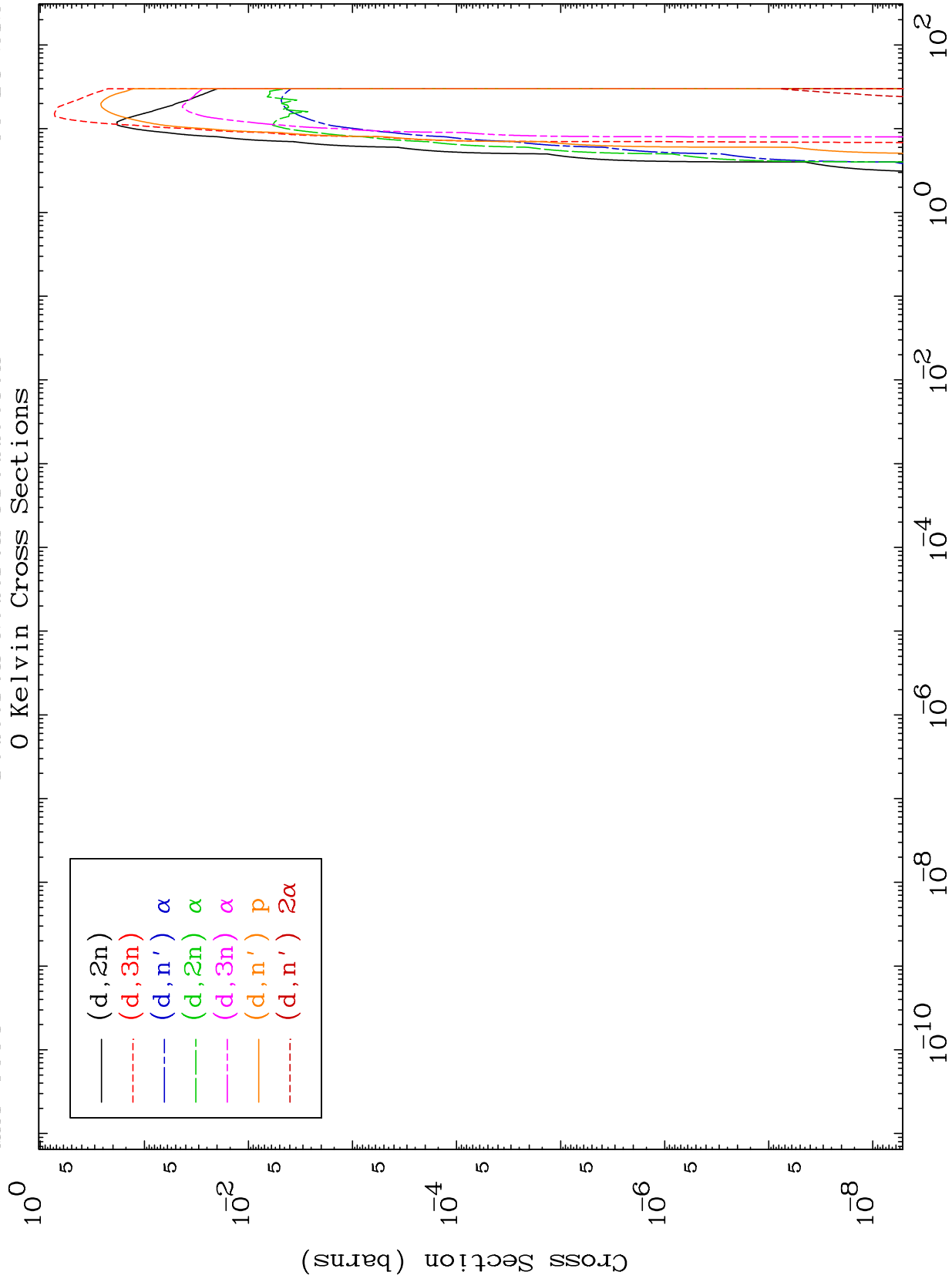
Press Mouse Button to Start



MAT 8334

Deuteron Neutron Production
0 Kelvin Cross Sections

83-Bi-212



2

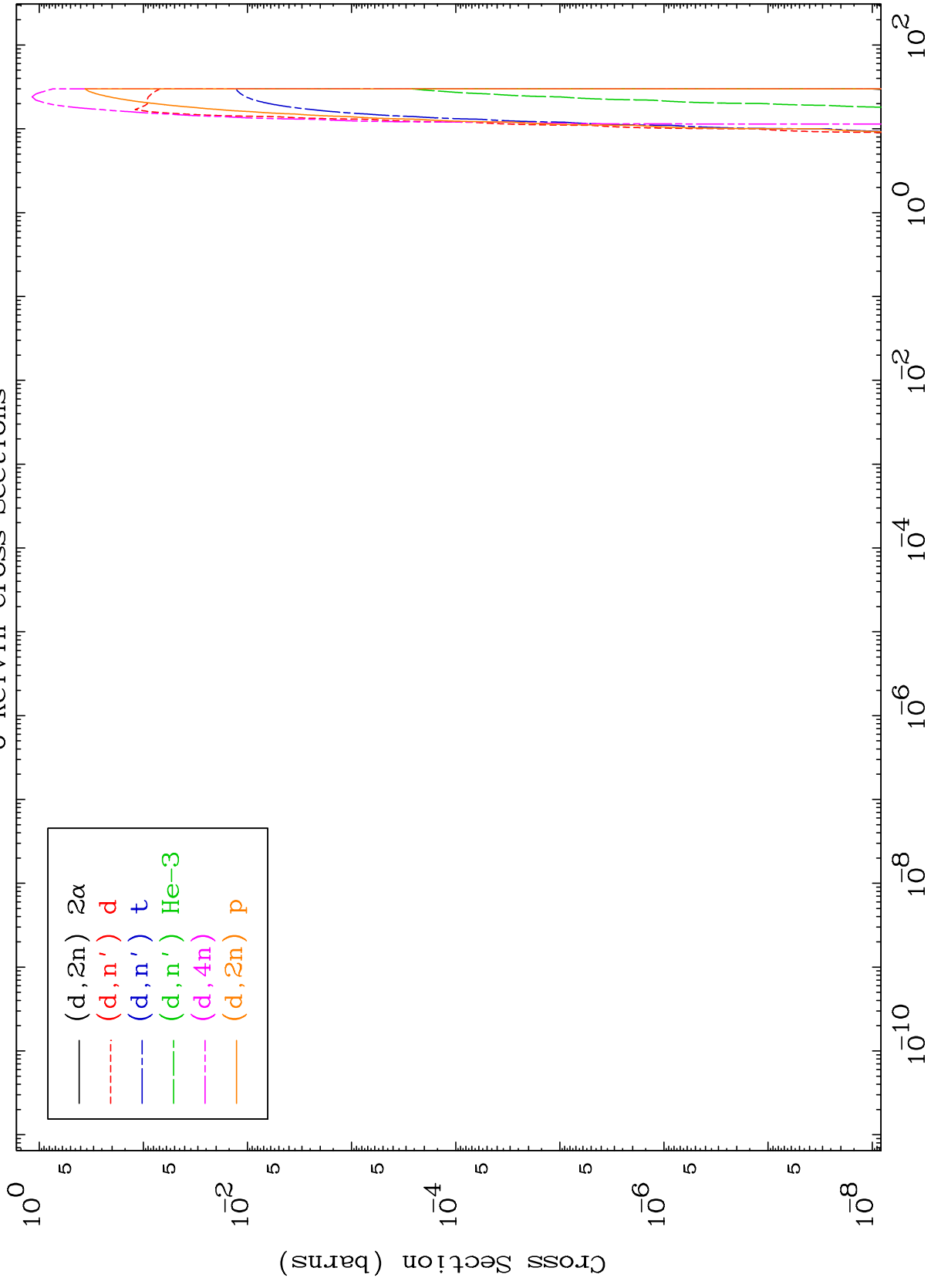
Incident Energy (MeV)

83-Bi-212

MAT 8334

Deuteron Neutron Production
0 Kelvin Cross Sections

83-Bi-212



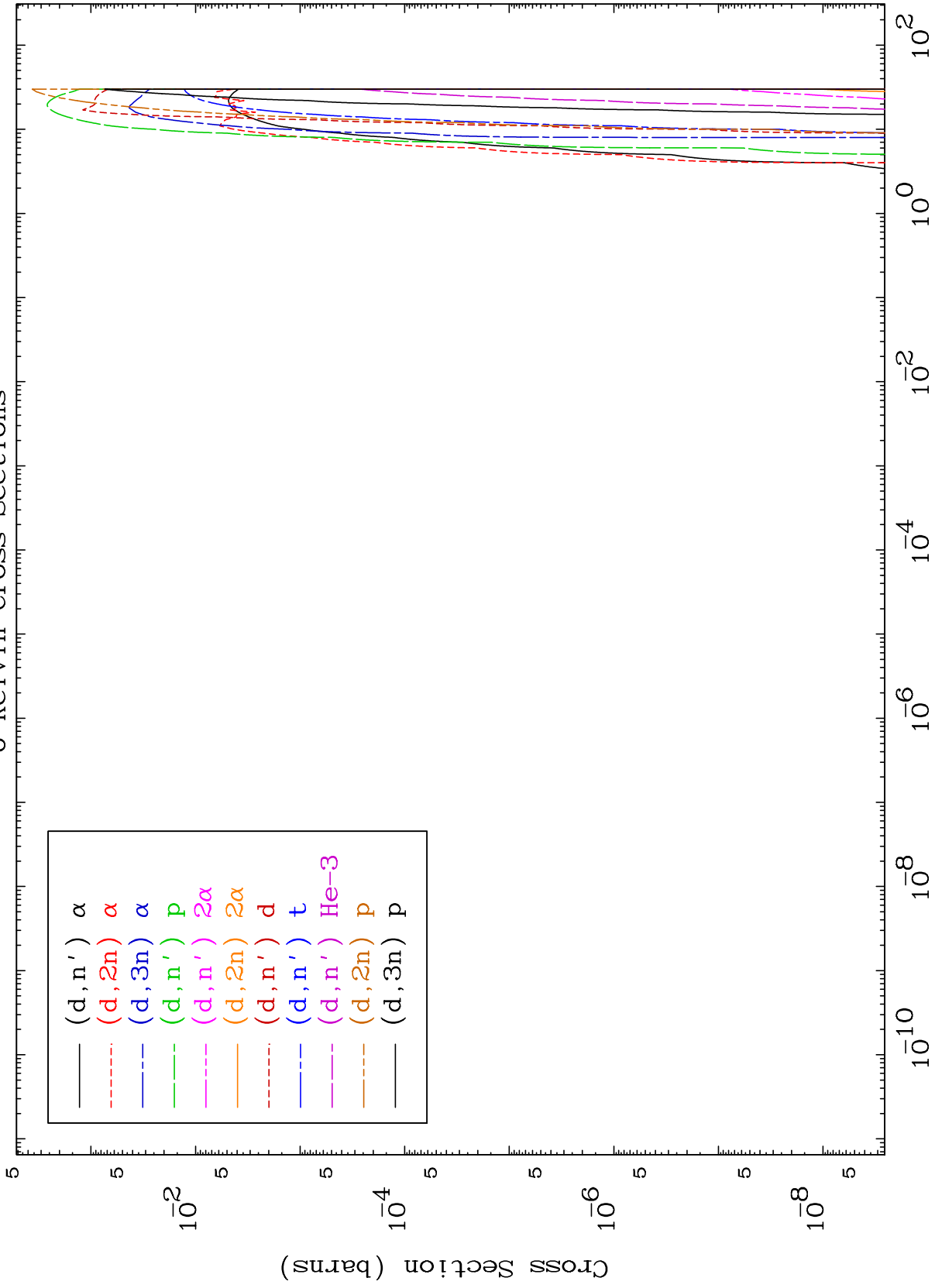
3

83-Bi-212

MAT 8334

Deuteron Charged Particle
0 Kelvin Cross Sections

83-Bi-212



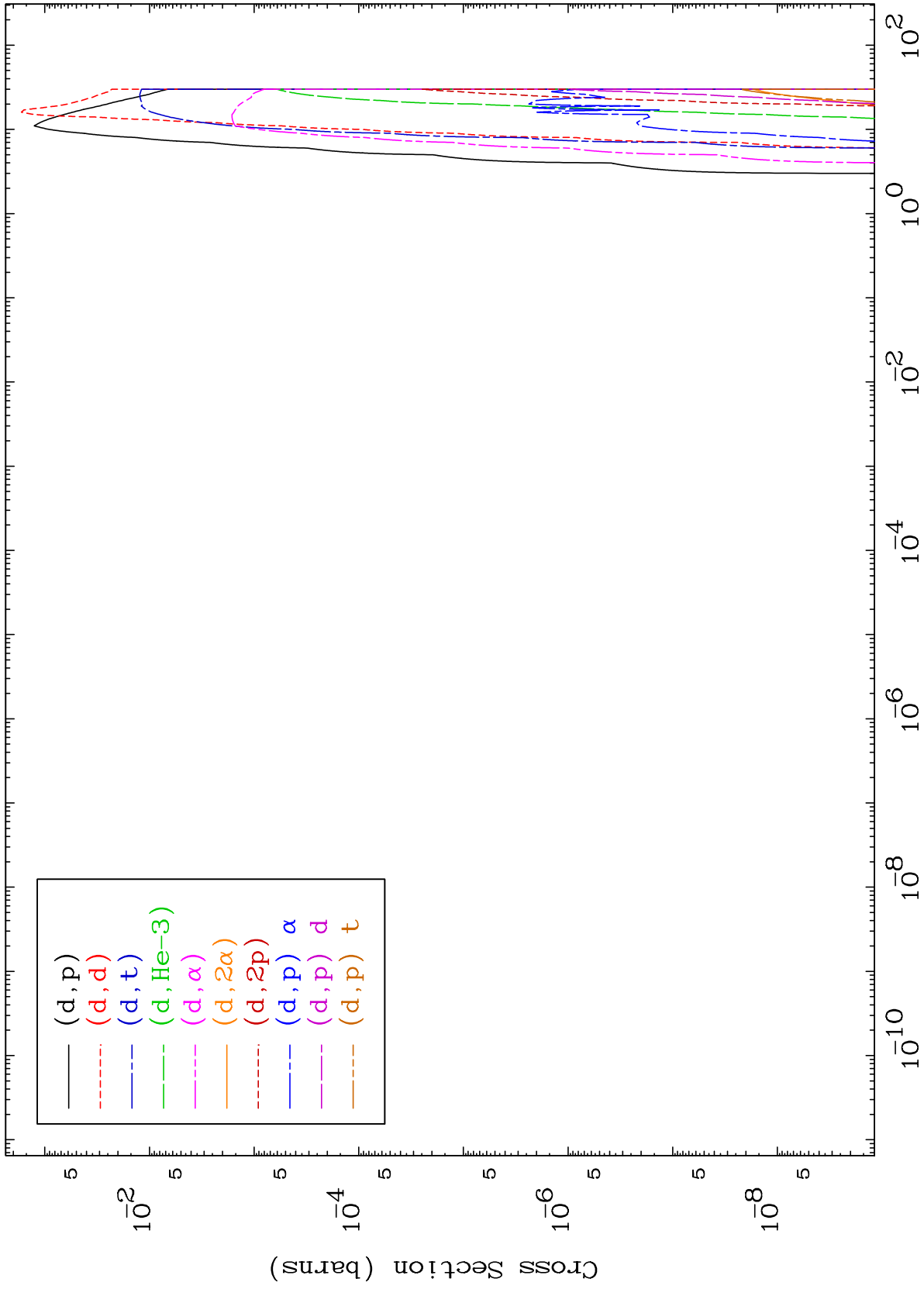
83-Bi-212

Incident Energy (MeV)

MAT 8334

Deuteron Charged Particle
0 Kelvin Cross Sections

83-Bi-212



5

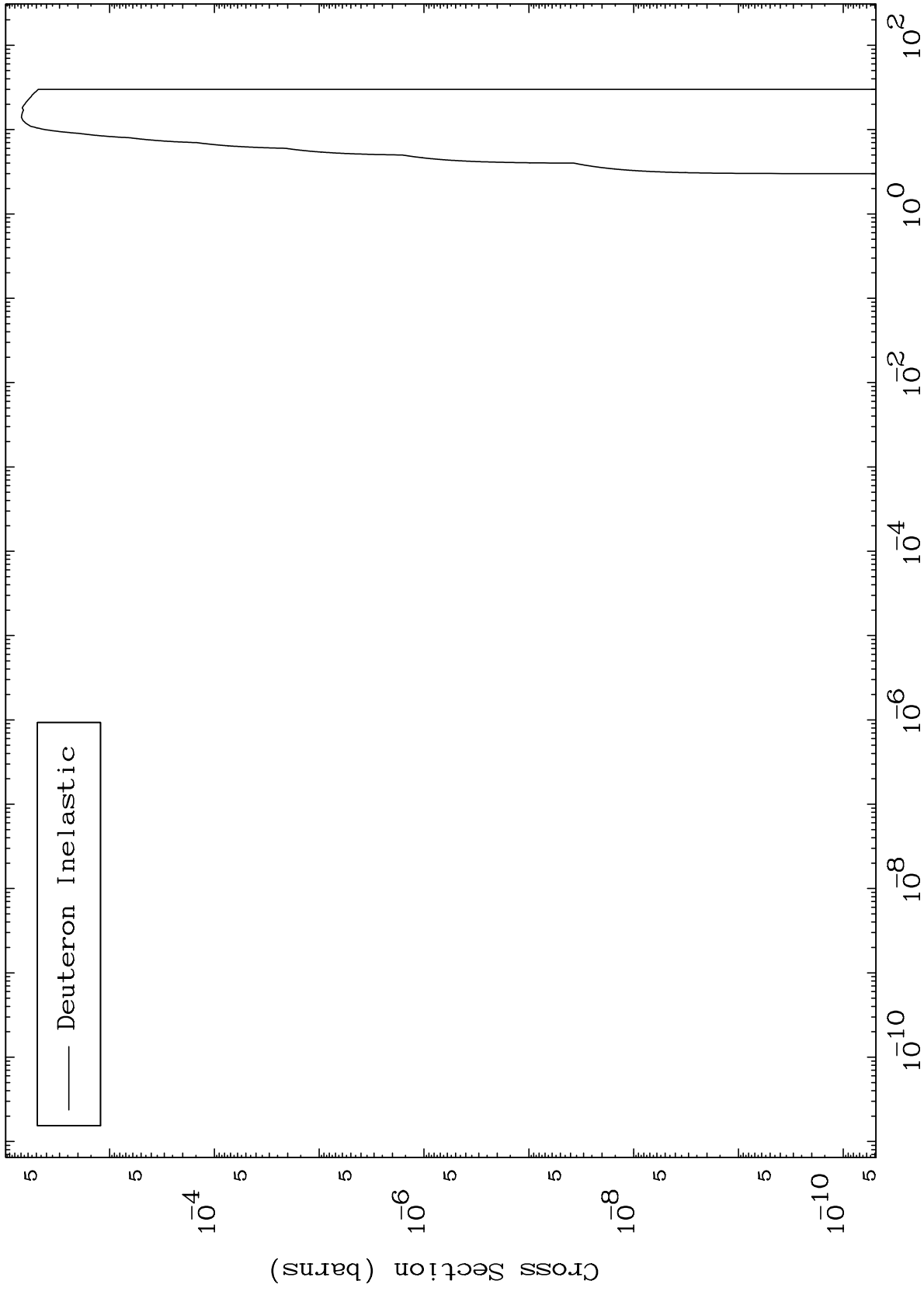
Incident Energy (MeV)

83-Bi-212

MAT 8334

(d,n') Level
0 Kelvin Cross Sections

83-Bi-212



6

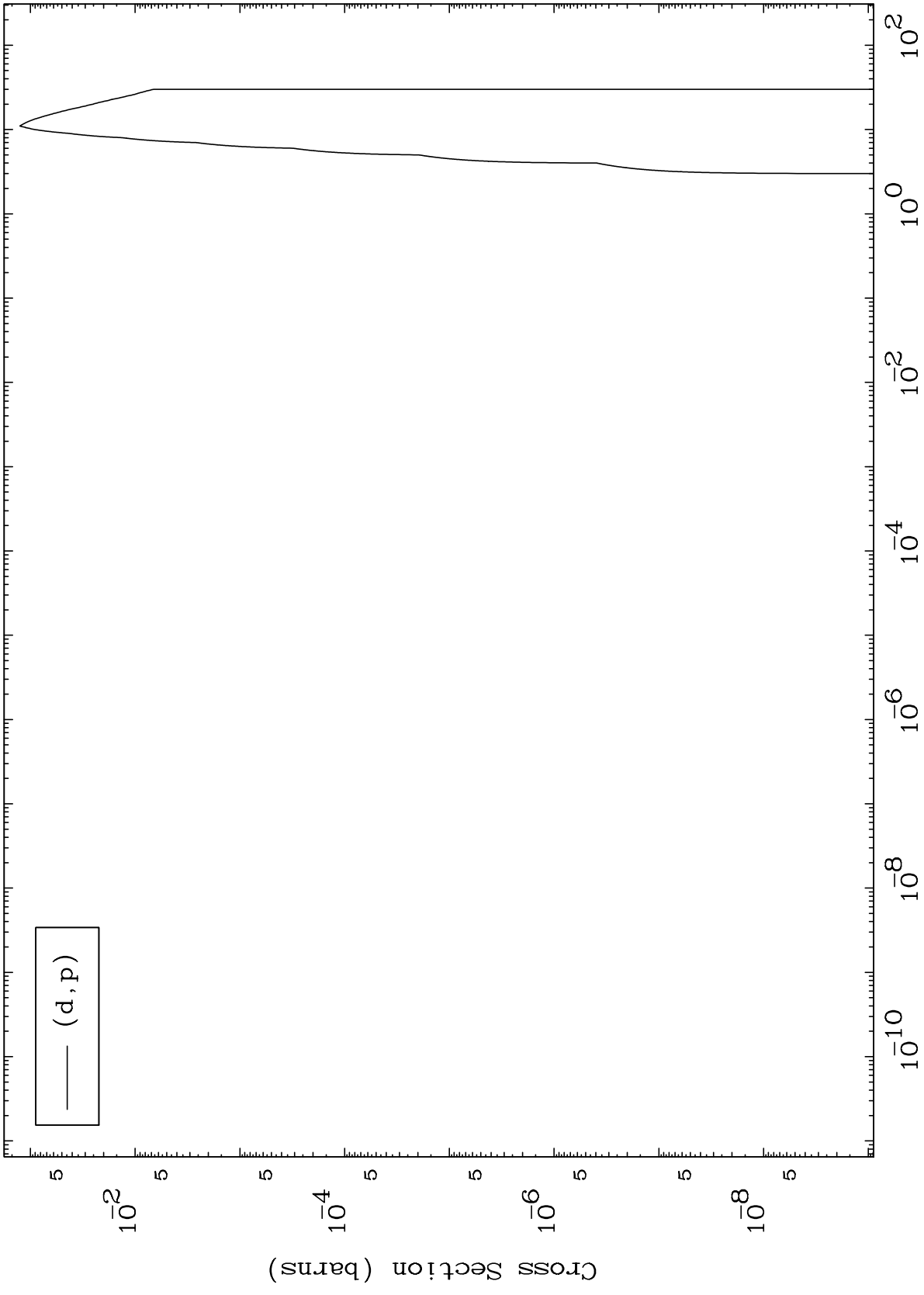
Incident Energy (MeV)

83-Bi-212

MAT 8334

(d,p) Levels
0 Kelvin Cross Sections

83-Bi-212



7

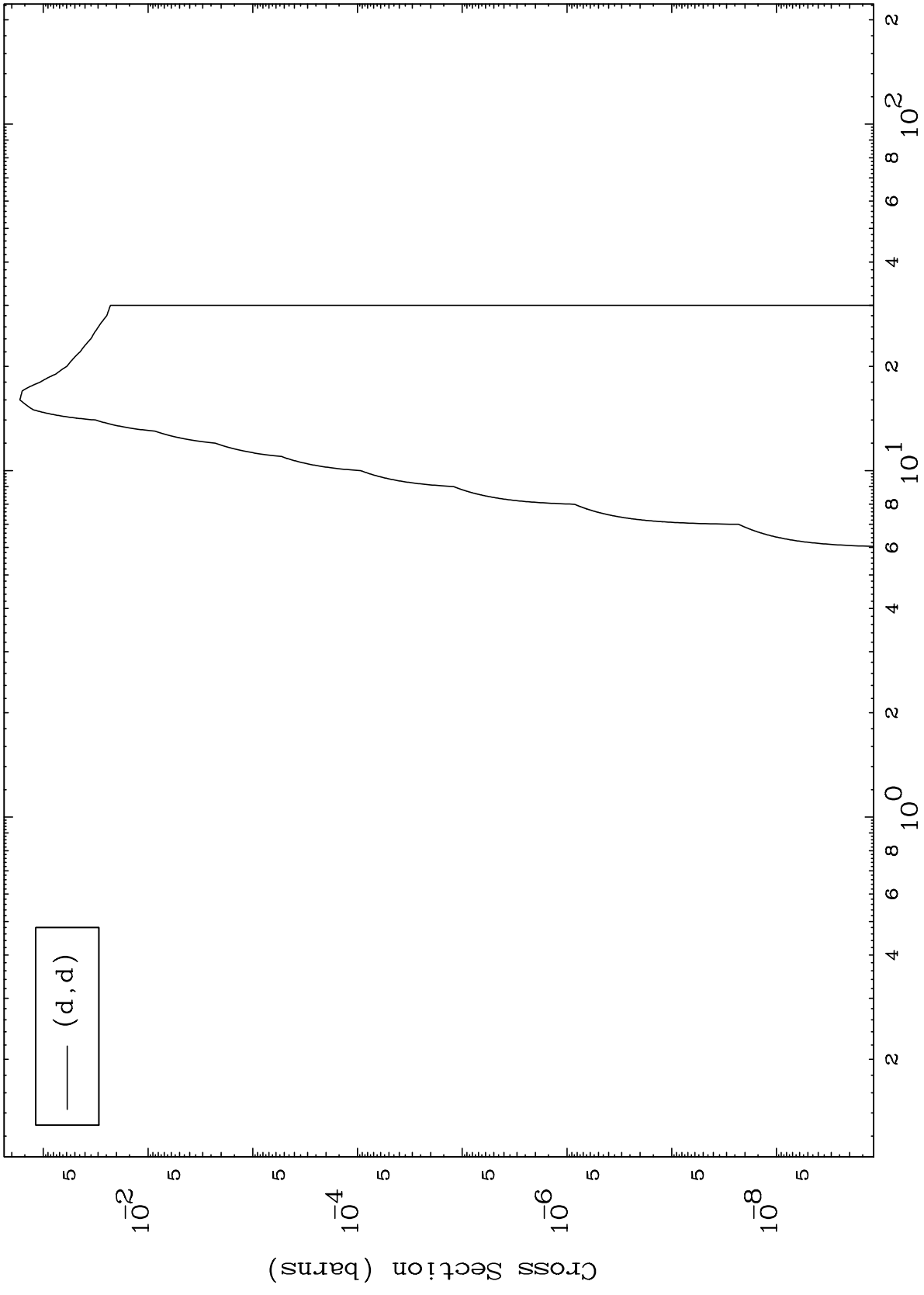
Incident Energy (MeV)

83-Bi-212

MAT 8334

(d,d) Levels
0 Kelvin Cross Sections

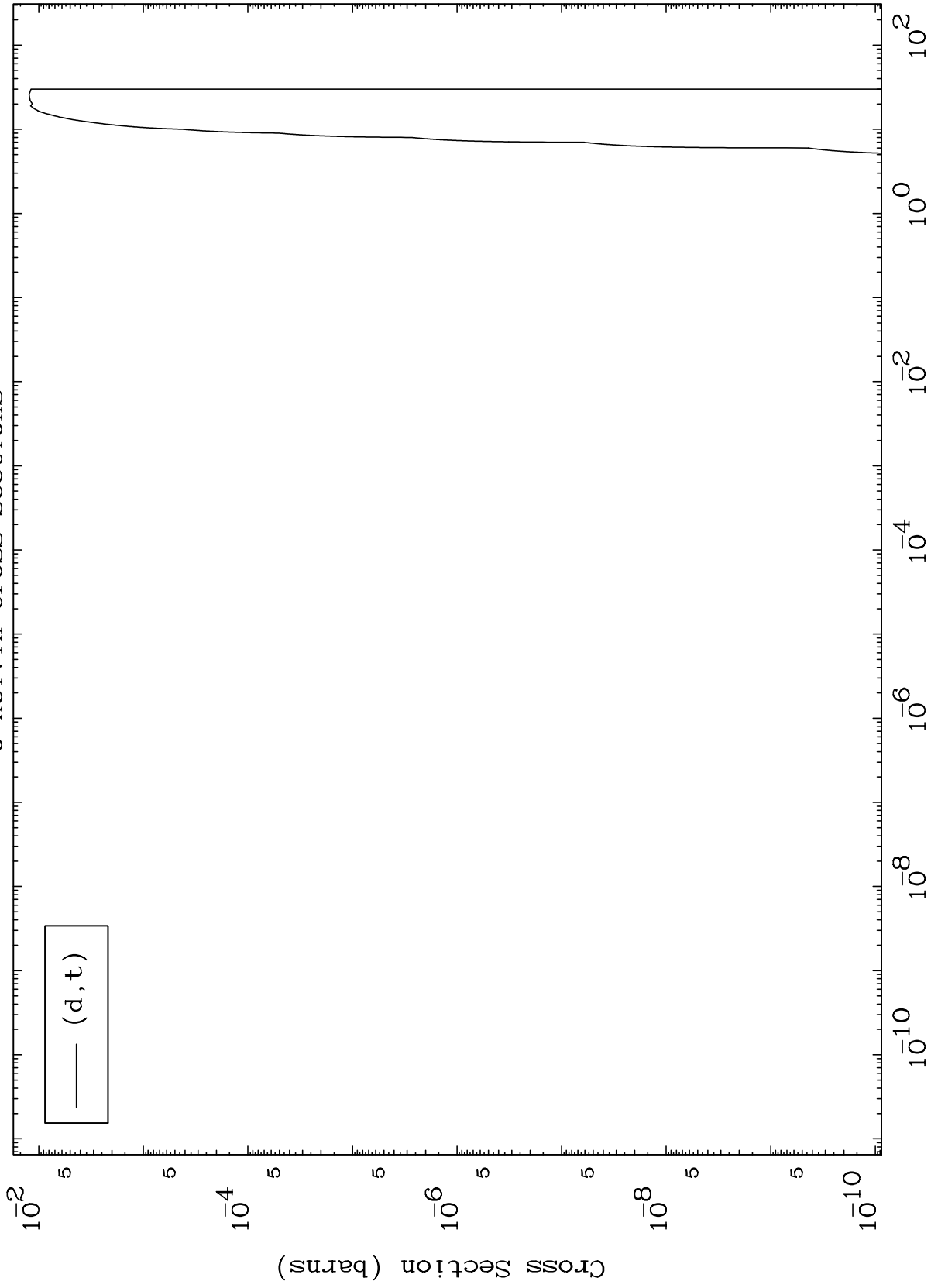
83-Bi-212



MAT 8334

(d,t) Levels
0 Kelvin Cross Sections

83-Bi-212



9

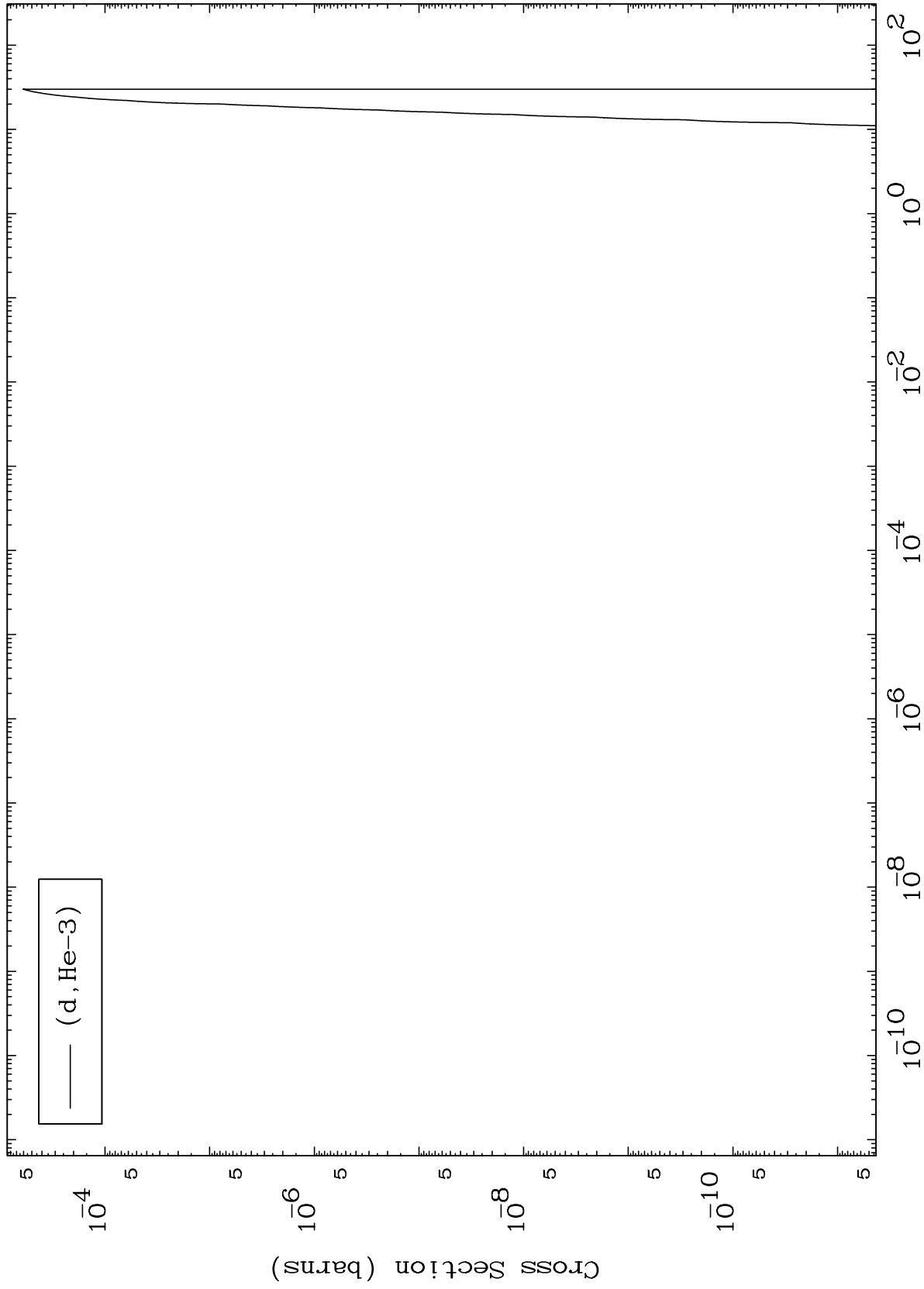
Incident Energy (MeV)

83-Bi-212

MAT 8334

(d,He3) Levels
0 Kelvin Cross Sections

83-Bi-212



10

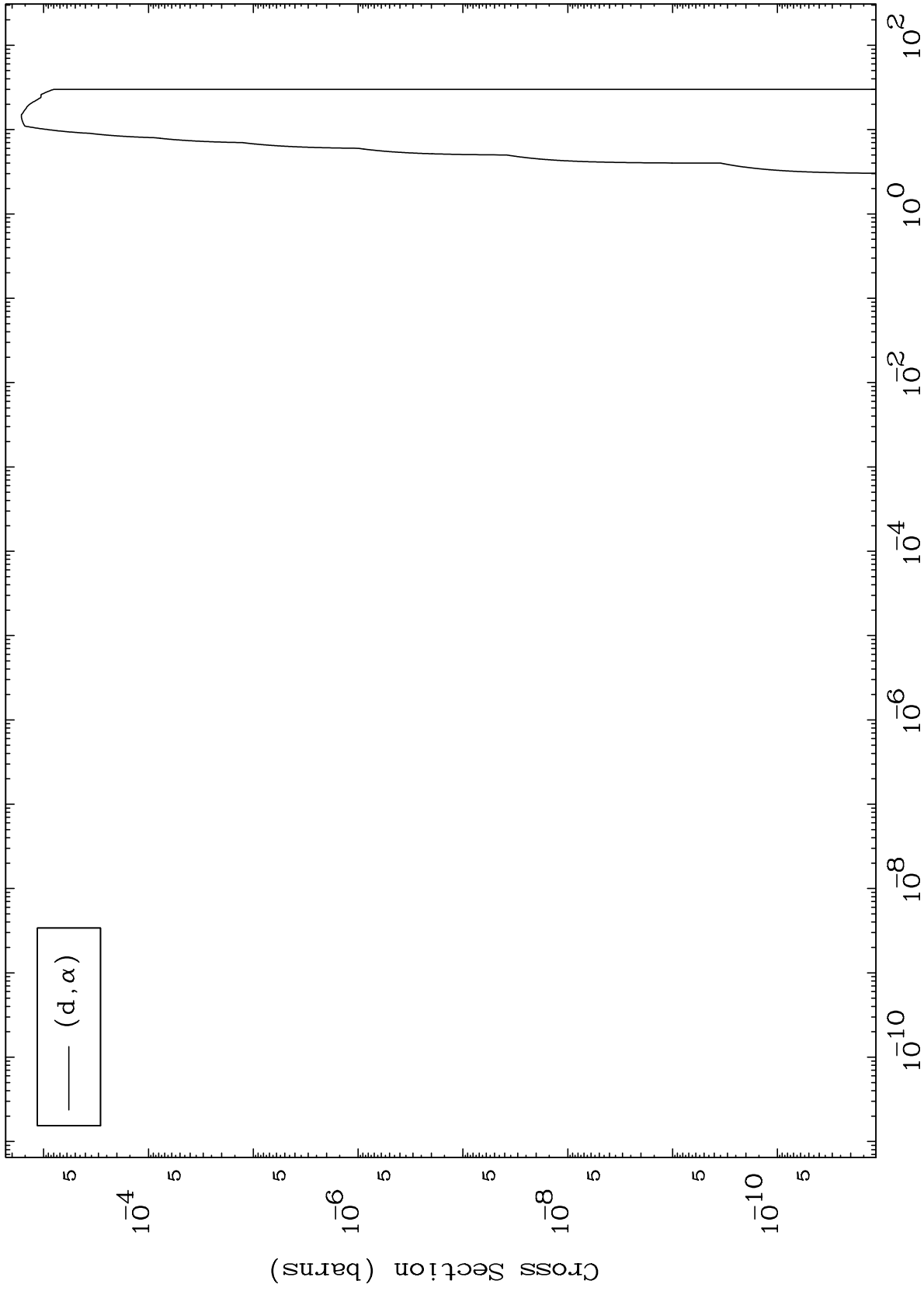
Incident Energy (MeV)

83-Bi-212

MAT 8334

(d, α) Levels
0 Kelvin Cross Sections

83-Bi-212



11

Incident Energy (MeV)

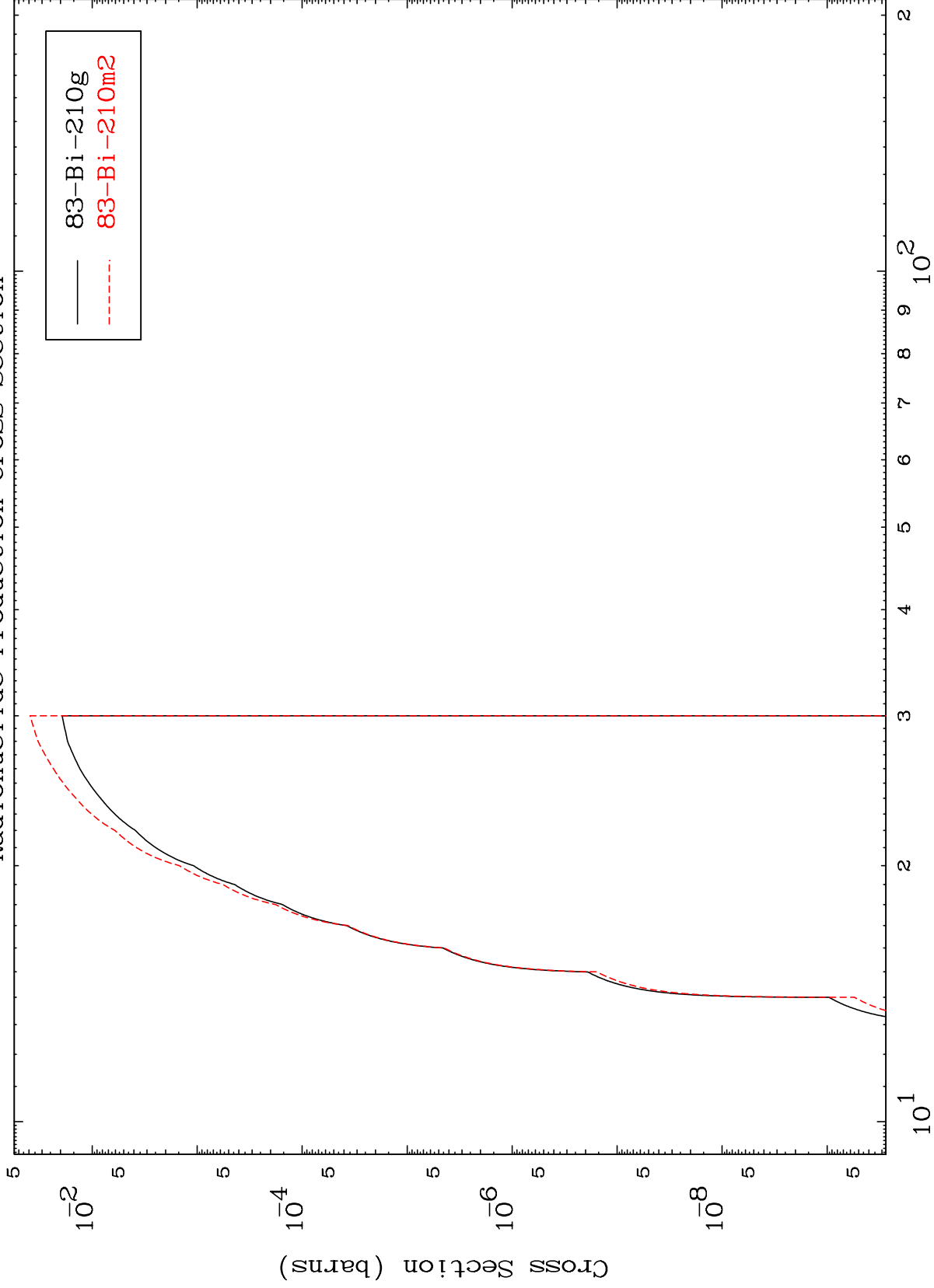
83-Bi-212

MAT 8334

(d,2n) d

83-Bi-212

Radionuclide Production Cross Section



12

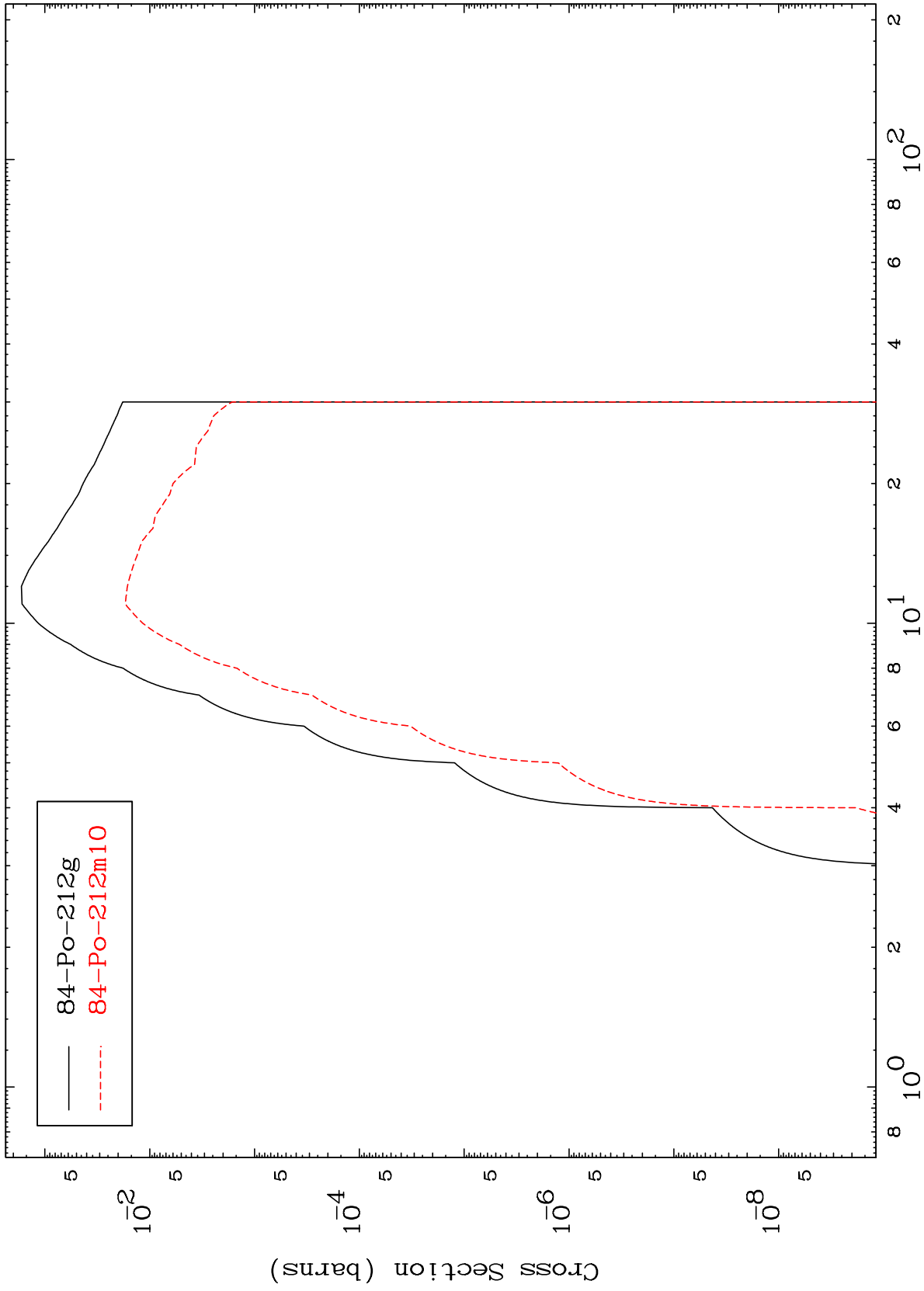
Incident Energy (MeV)

83-Bi-212

MAT 8334

83-Bi-212

Radionuclide Production Cross Section (d,2n)



13

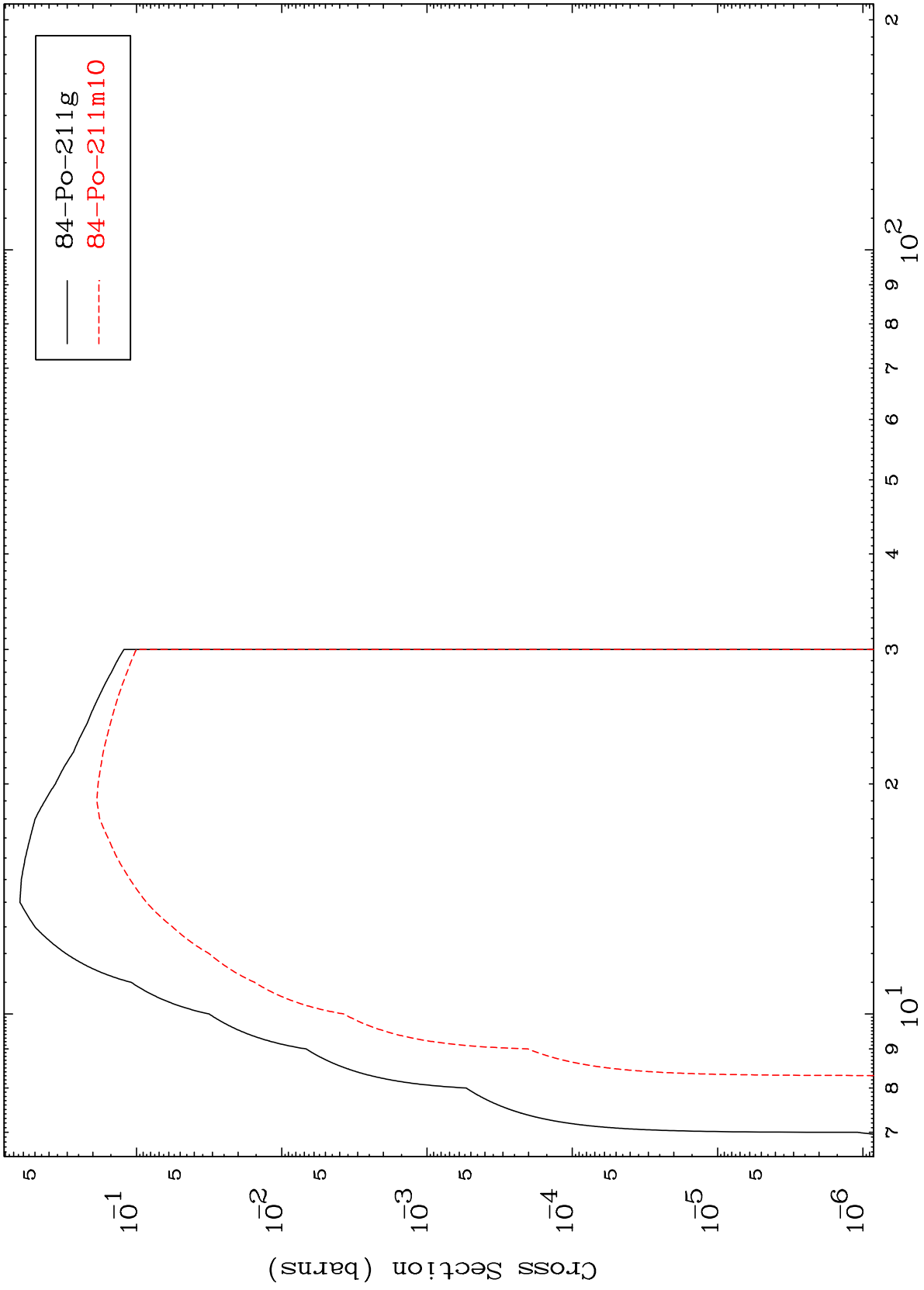
Incident Energy (MeV)

83-Bi-212

MAT 8334

83-Bi-212

(d,3n)
Radionuclide Production Cross Section



14

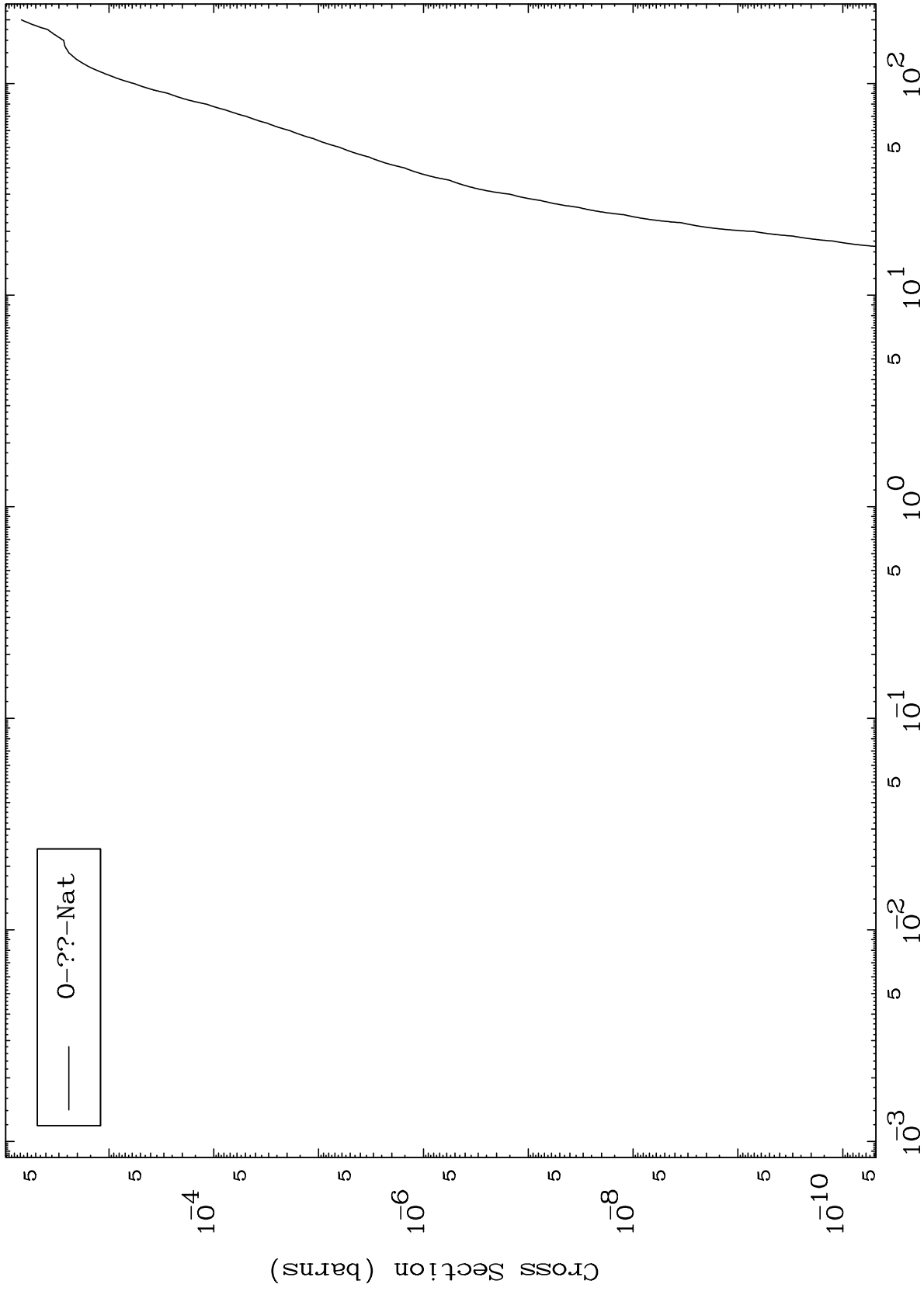
Incident Energy (MeV)

83-Bi-212

MAT 8334

Deuteron Fission
Radionuclide Production Cross Section

83-Bi-212



15

Incident Energy (MeV)

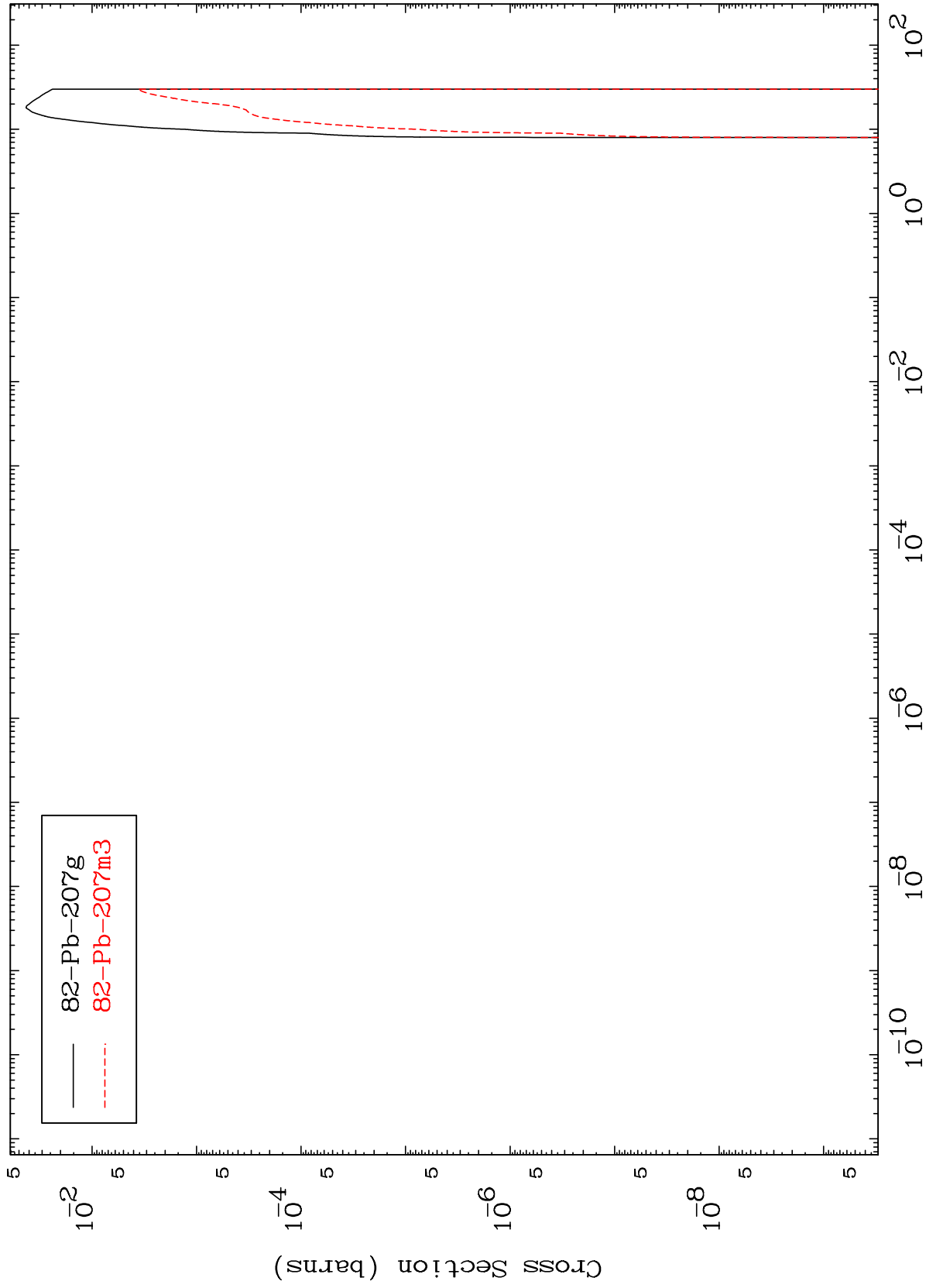
83-Bi-212

MAT 8334

(d,3n) α

83-Bi-212

Radionuclide Production Cross Section



16

Incident Energy (MeV)

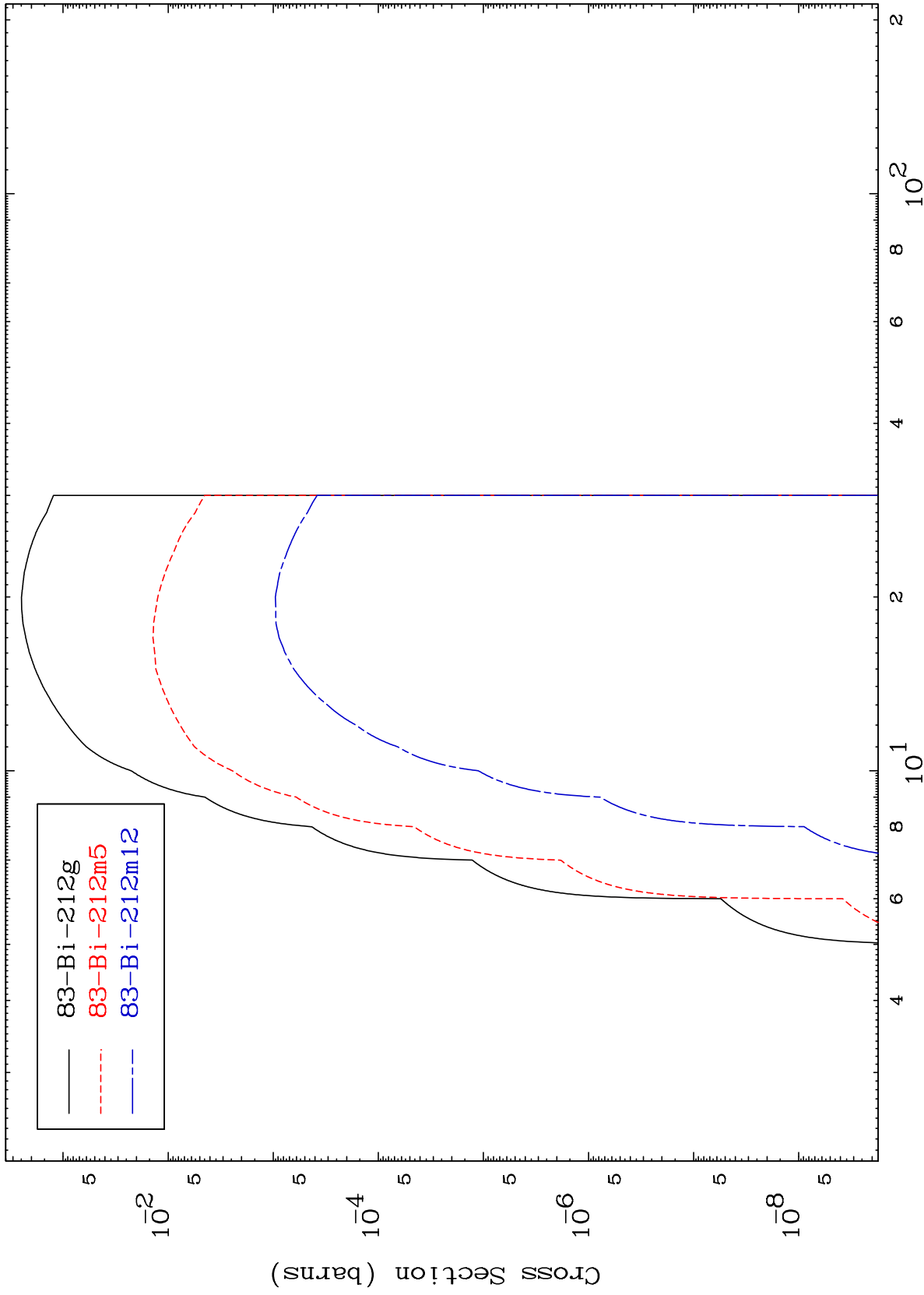
83-Bi-212

MAT 8334

(d,n') p

83-Bi-212

Radionuclide Production Cross Section



17

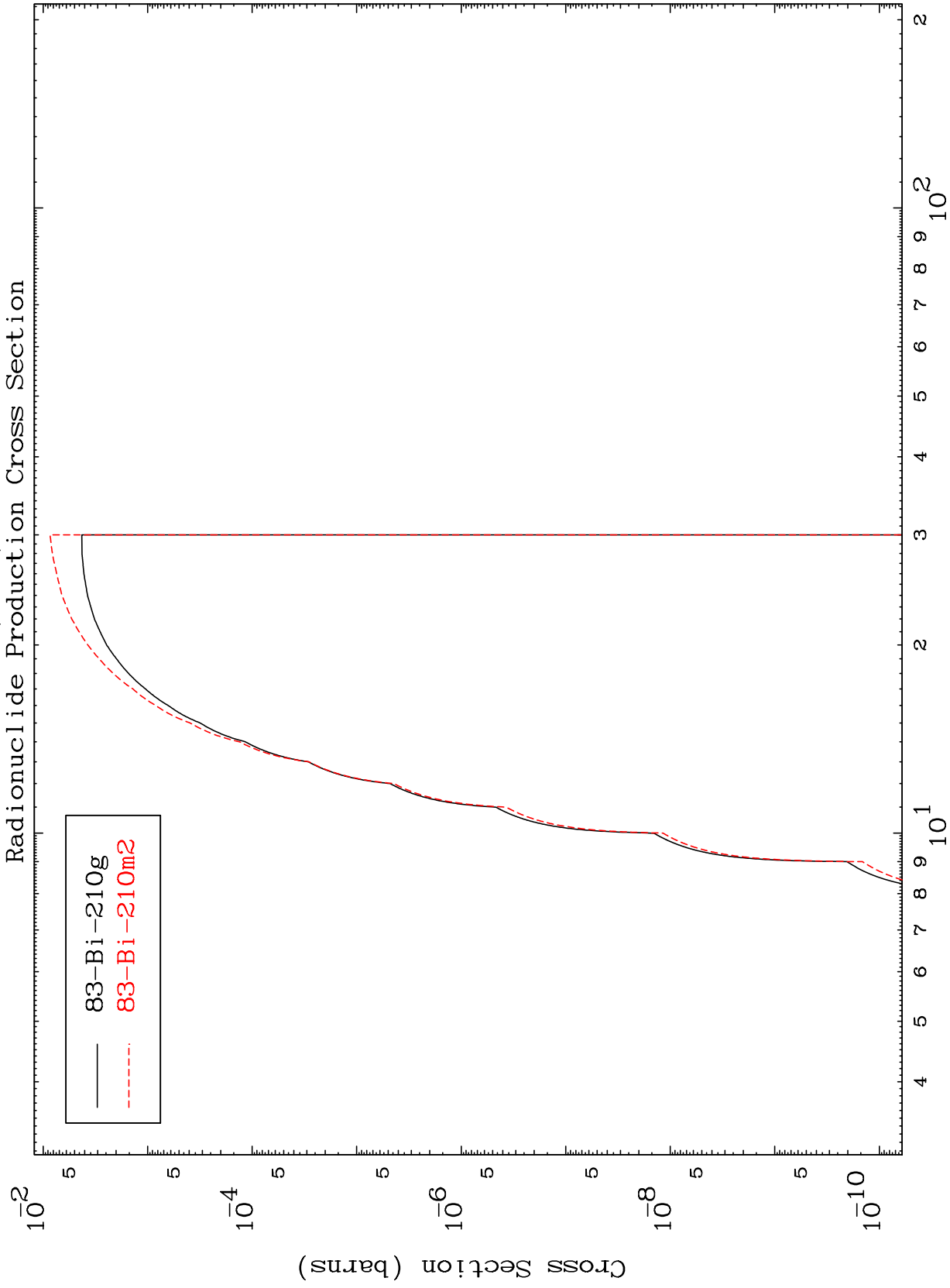
Incident Energy (MeV)

83-Bi-212

MAT 8334

(d,n') t

⁸³Bi-²¹²



18

Incident Energy (MeV)

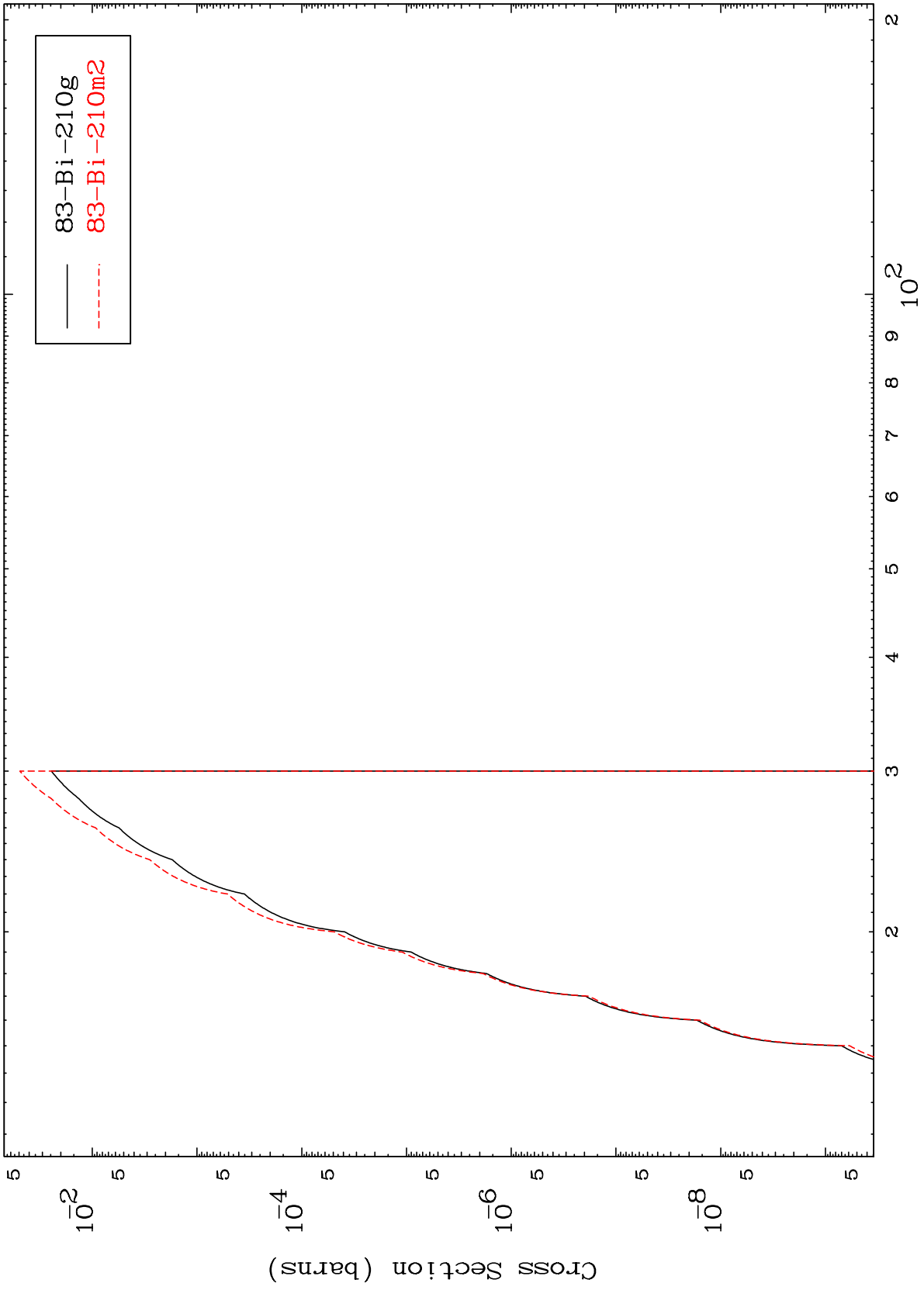
⁸³Bi-²¹²

MAT 8334

(d,3n) p

⁸³Bi-212

Radionuclide Production Cross Section



19

Incident Energy (MeV)

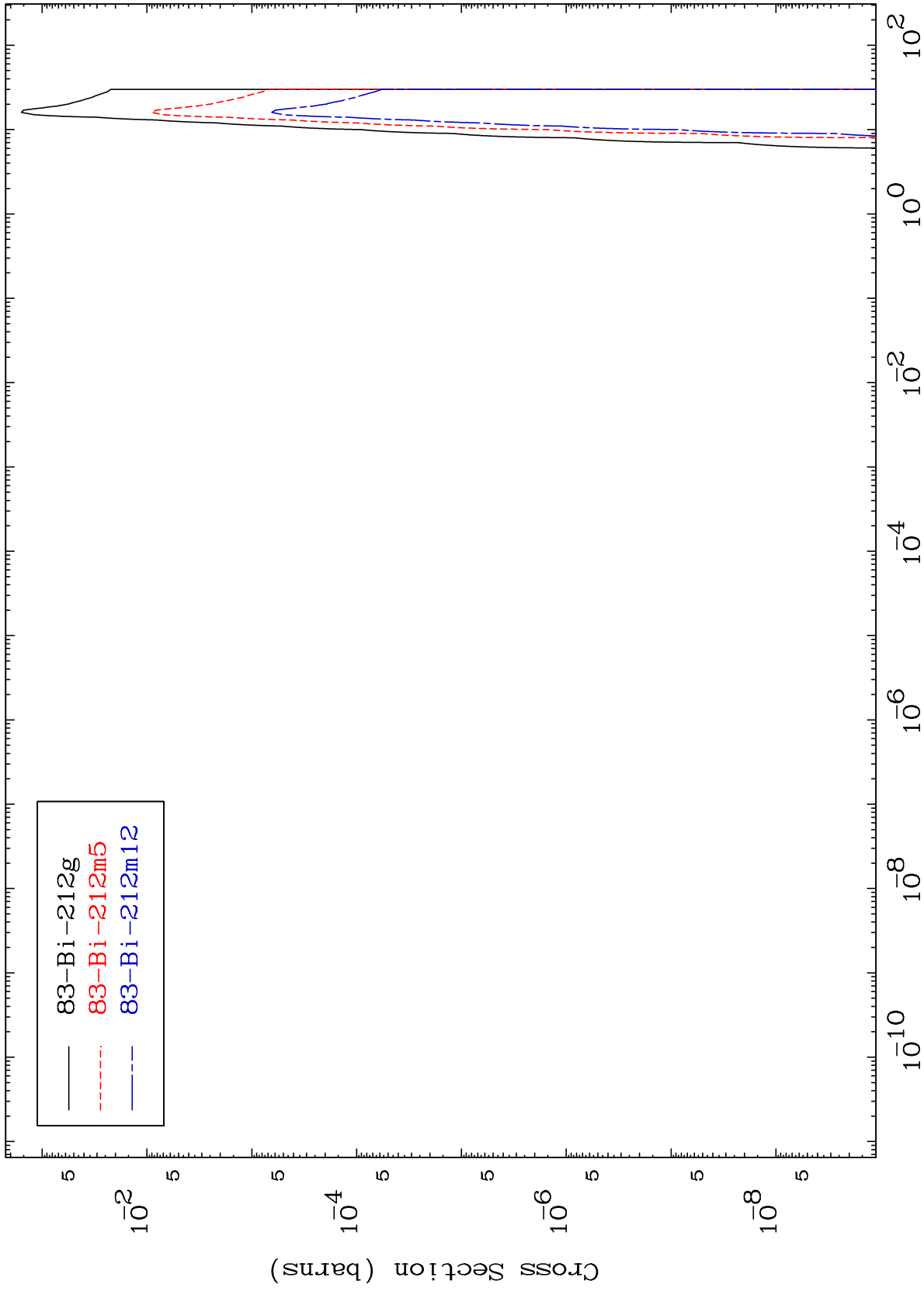
⁸³Bi-212

MAT 8334

(d,d)

⁸³Bi-212

Radionuclide Production Cross Section



20

Incident Energy (MeV)

⁸³Bi-212