

Program EVALPLOT
(Version 2018-1)

by

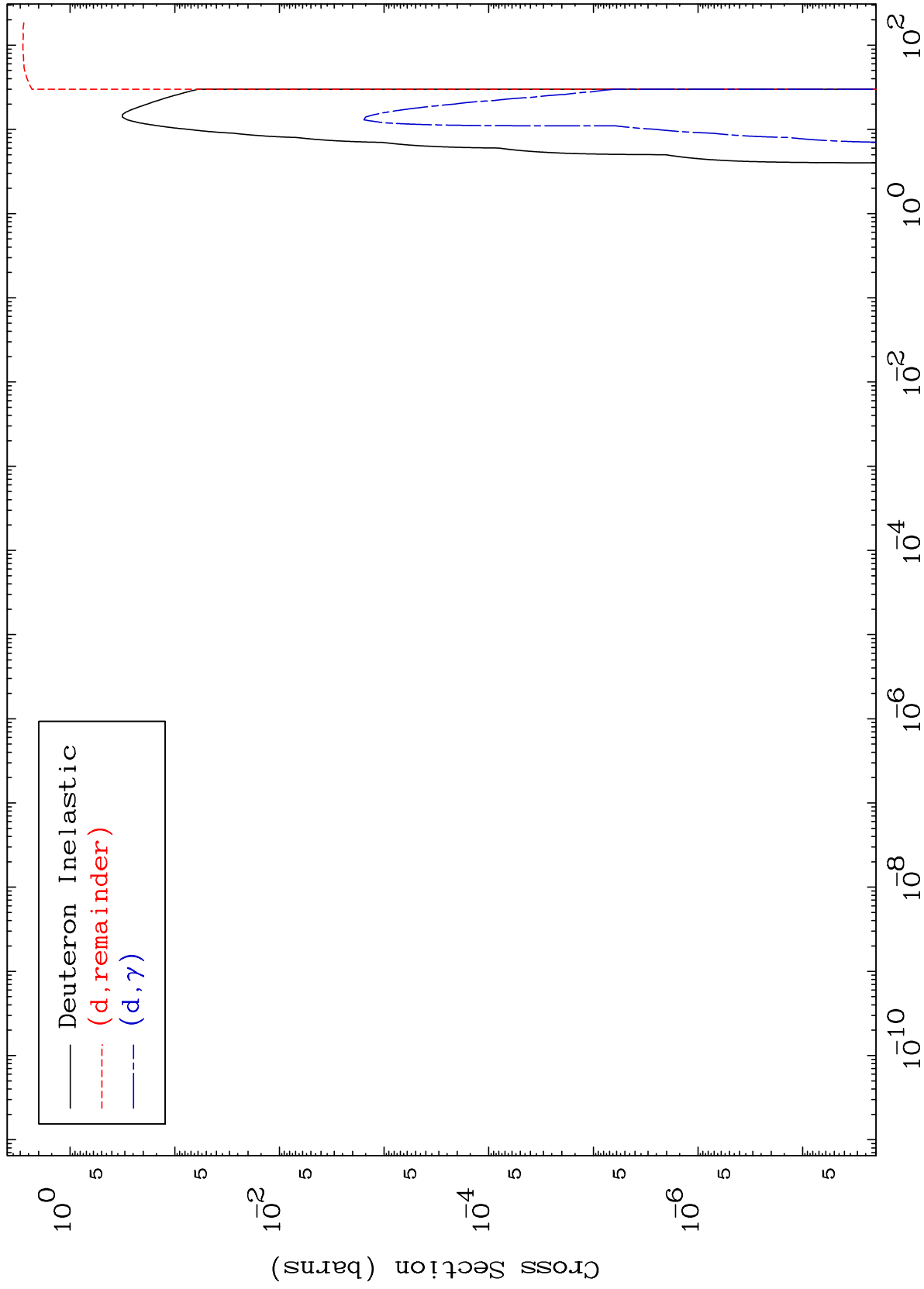
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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E.Mail:redcullen1@comcast.net
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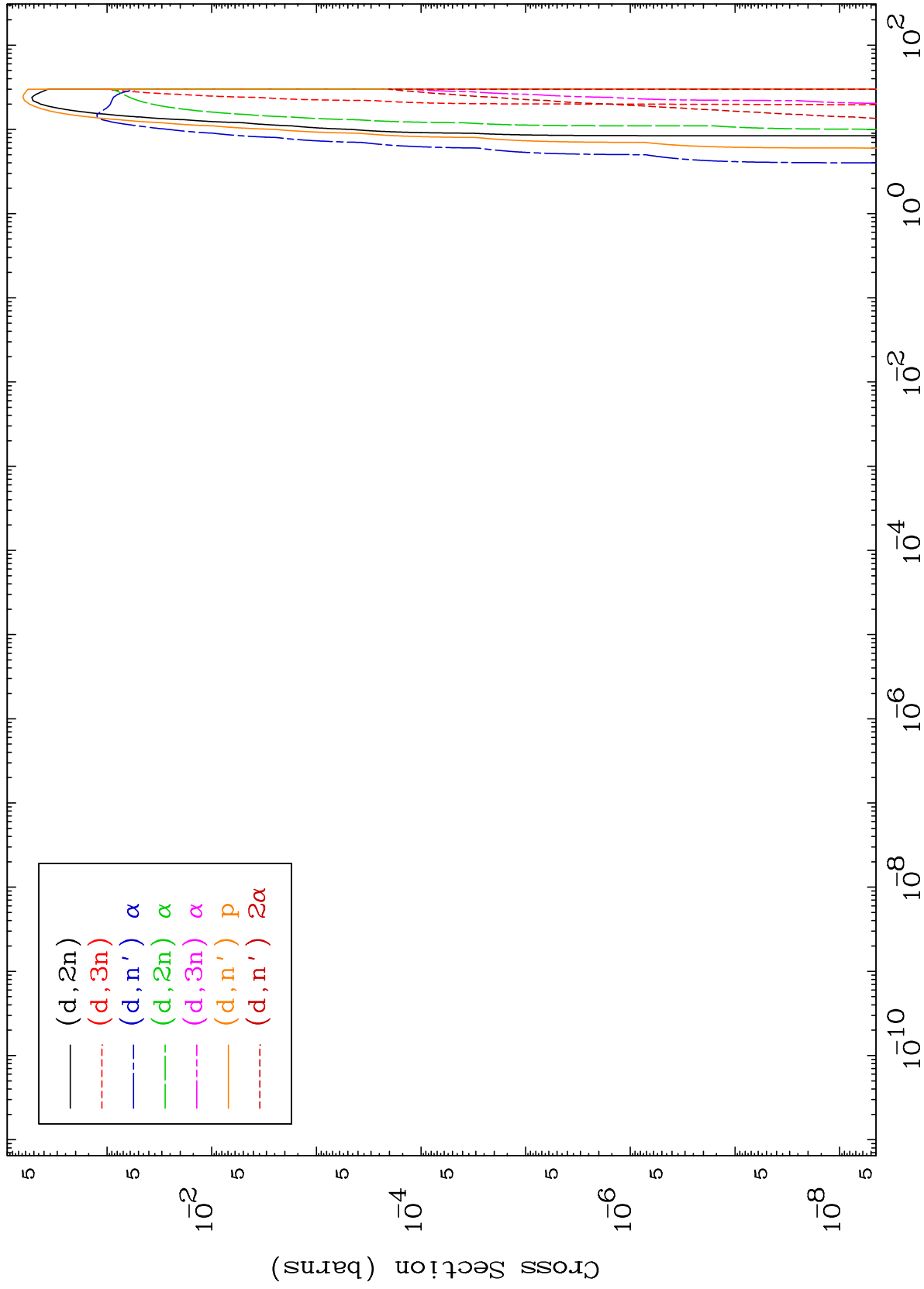
Press Mouse Button to Start



MAT 8275

Deuteron Neutron Production
0 Kelvin Cross Sections

83-Bi-192



2

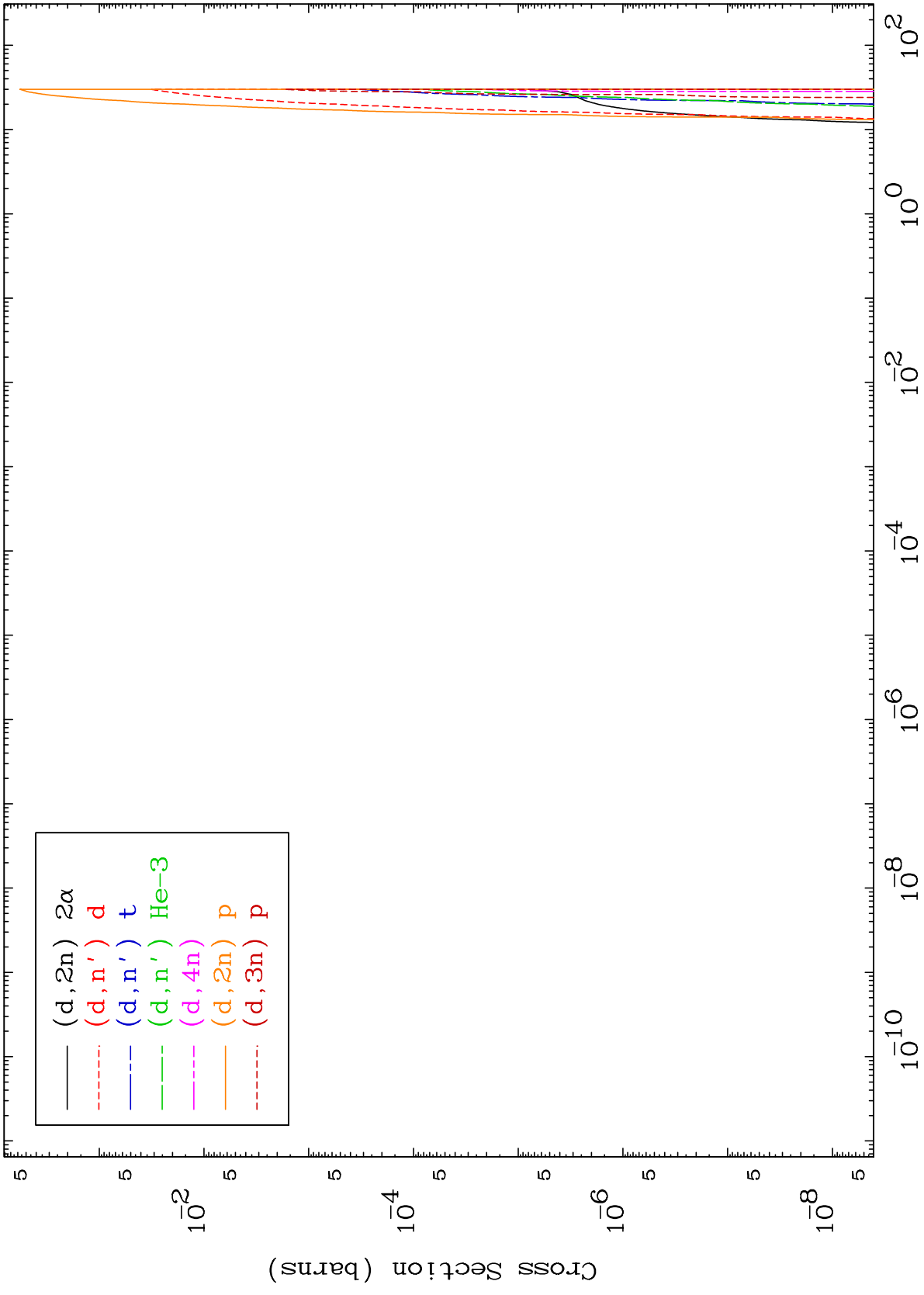
Incident Energy (MeV)

83-Bi-192

MAT 8275

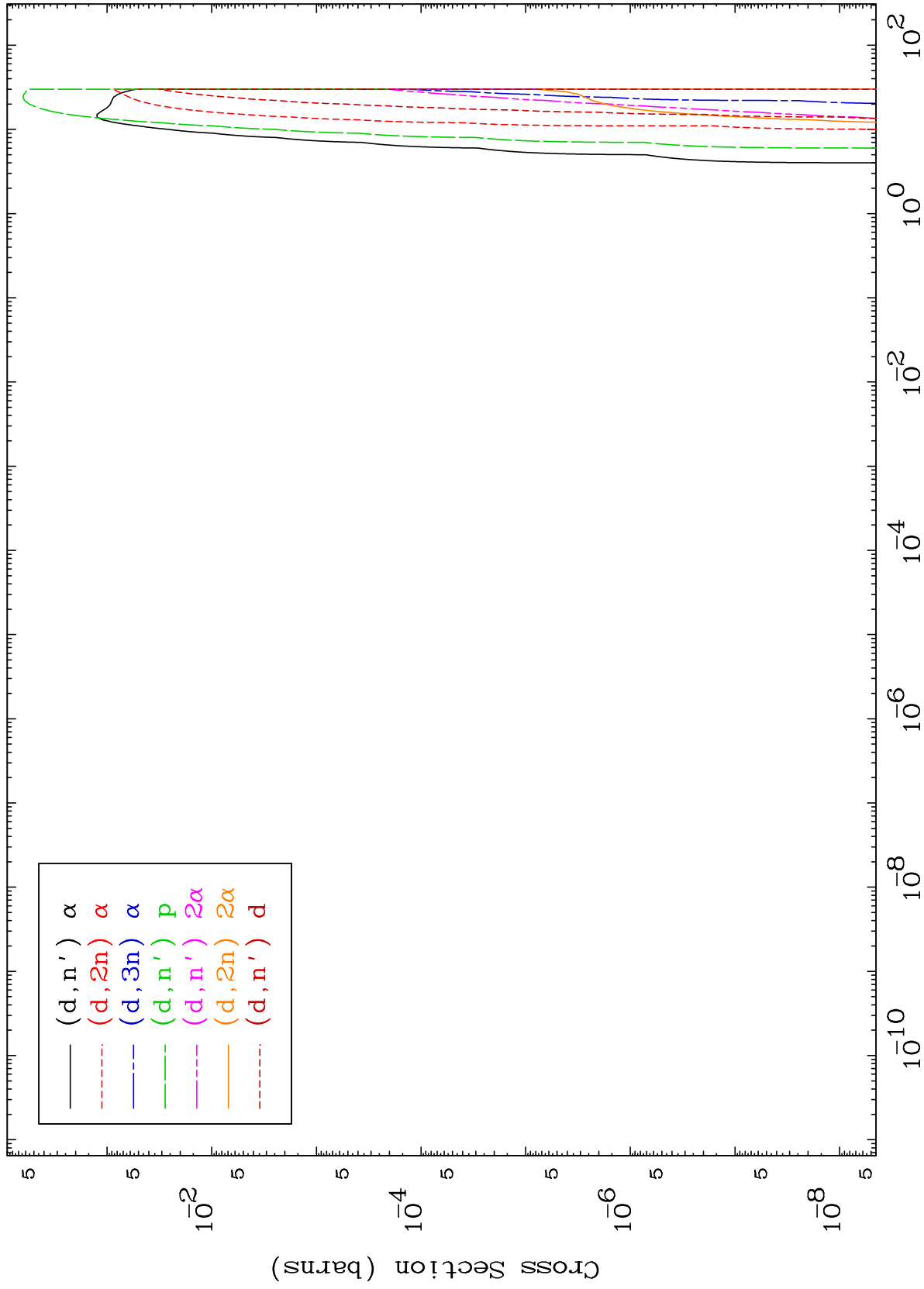
Deuteron Neutron Production
0 Kelvin Cross Sections

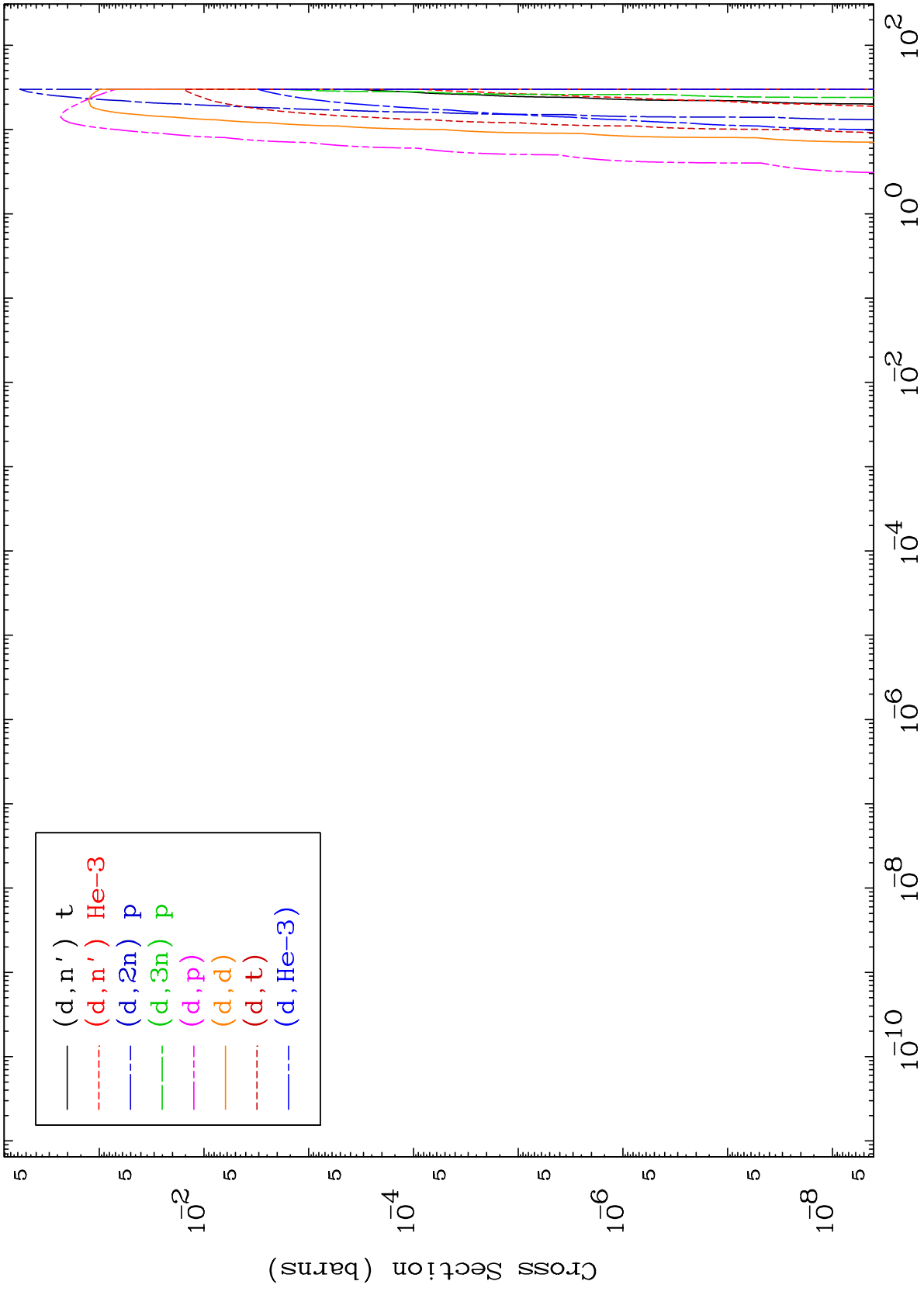
83-Bi-192



3

83-Bi-192

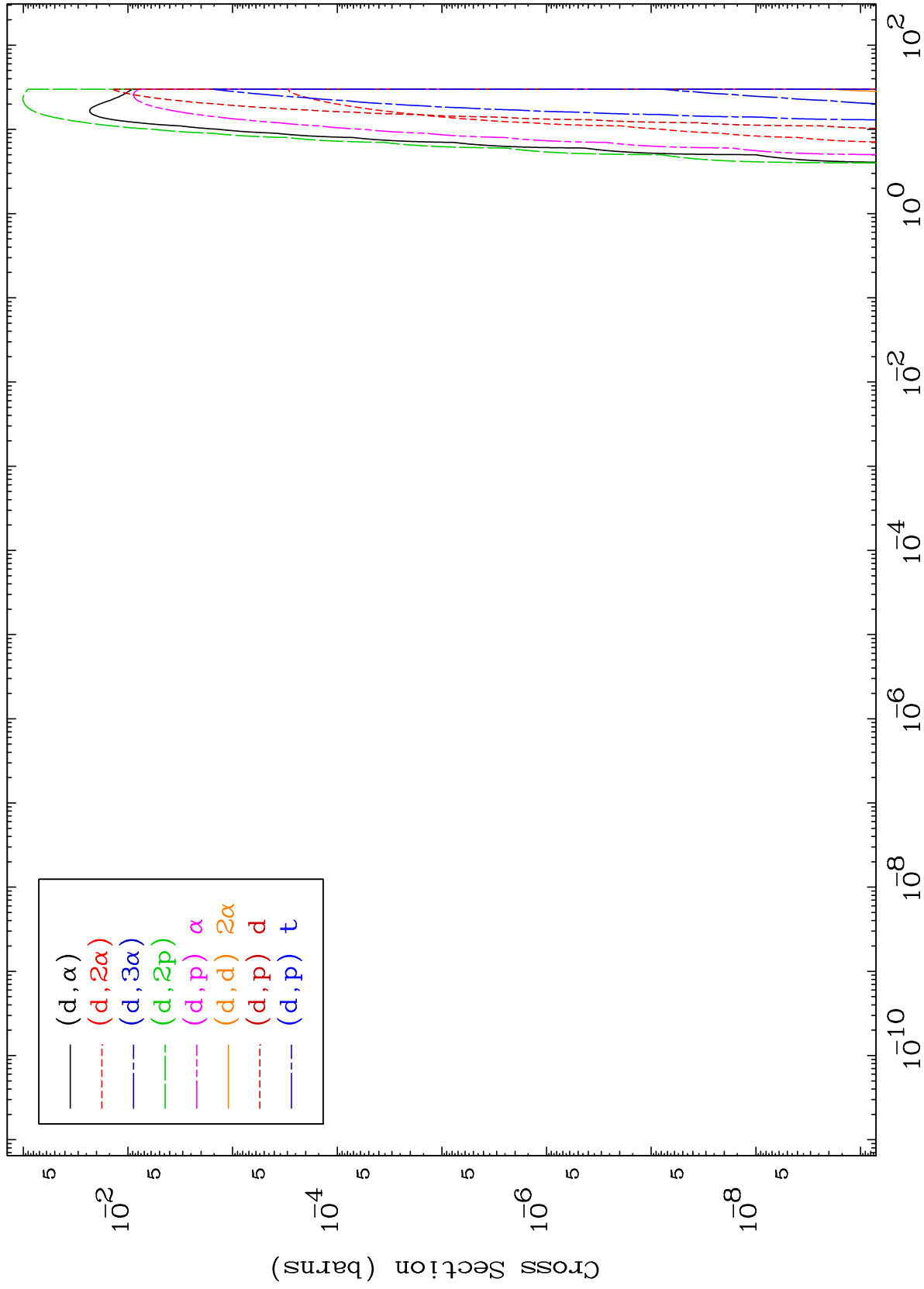




MAT 8275

Deuteron Charged Particle
0 Kelvin Cross Sections

83-Bi-192

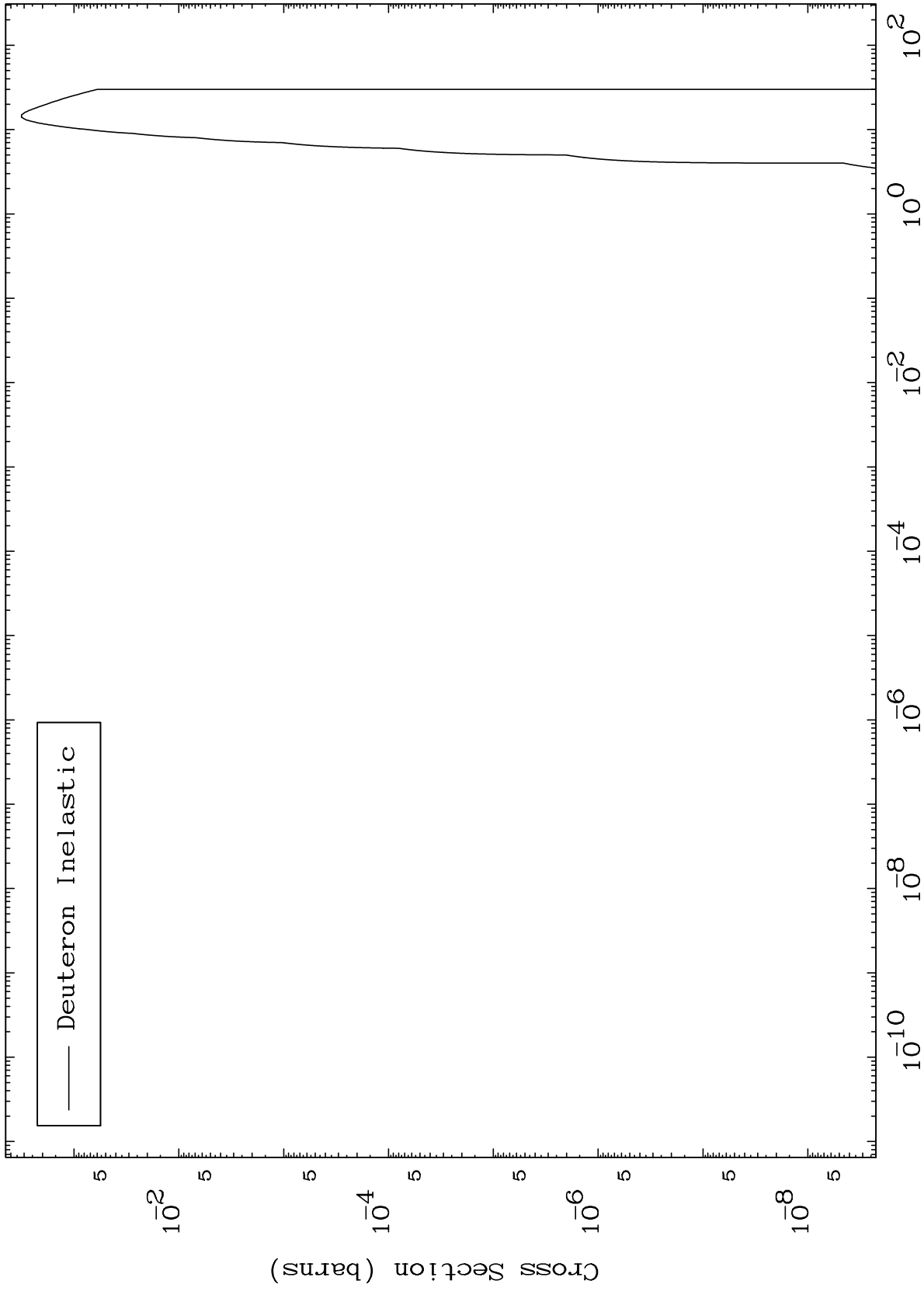


83-Bi-192

MAT 8275

(d,n') Level
0 Kelvin Cross Sections

83-Bi-192



7

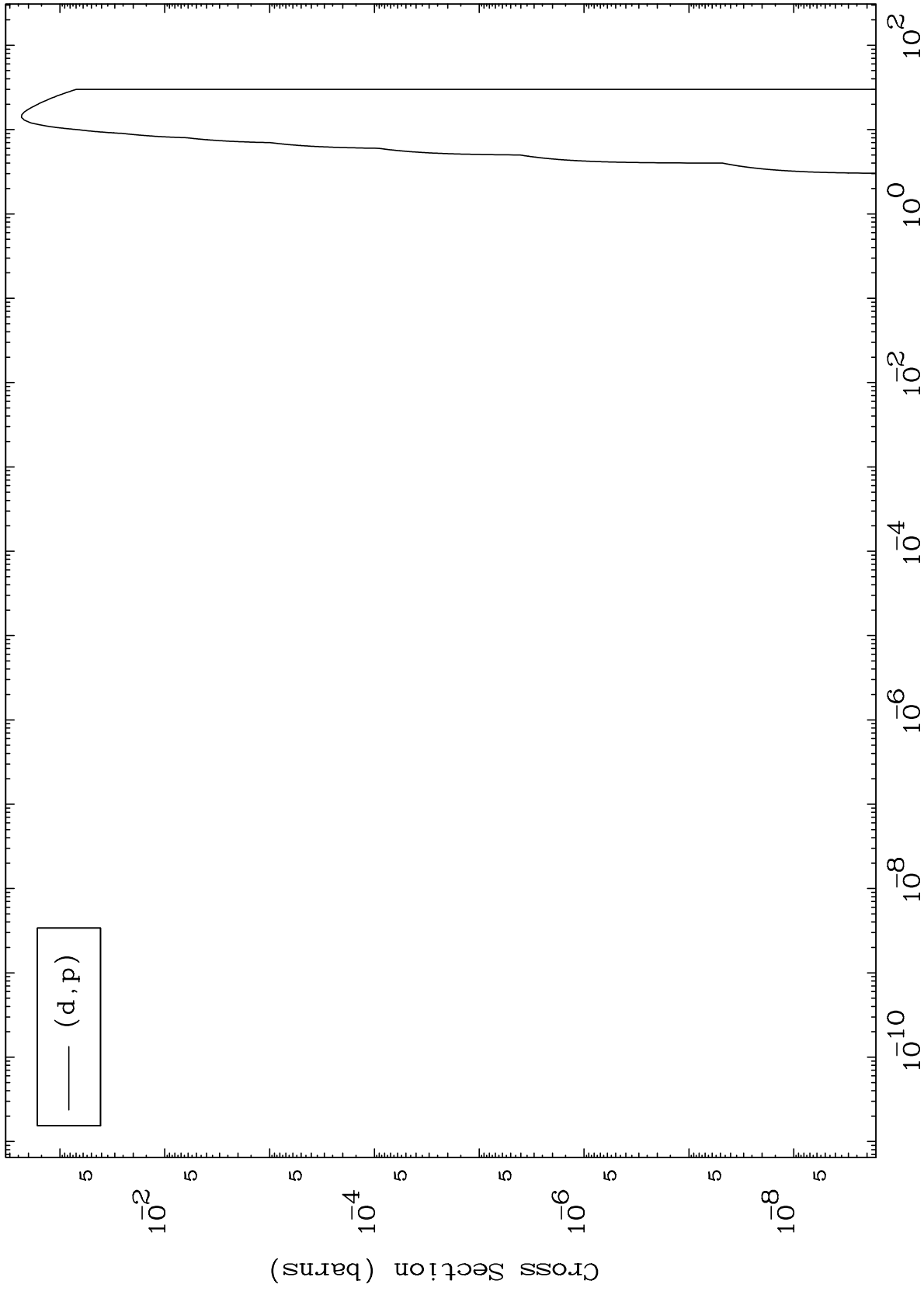
Incident Energy (MeV)

83-Bi-192

MAT 8275

(d,p) Levels
0 Kelvin Cross Sections

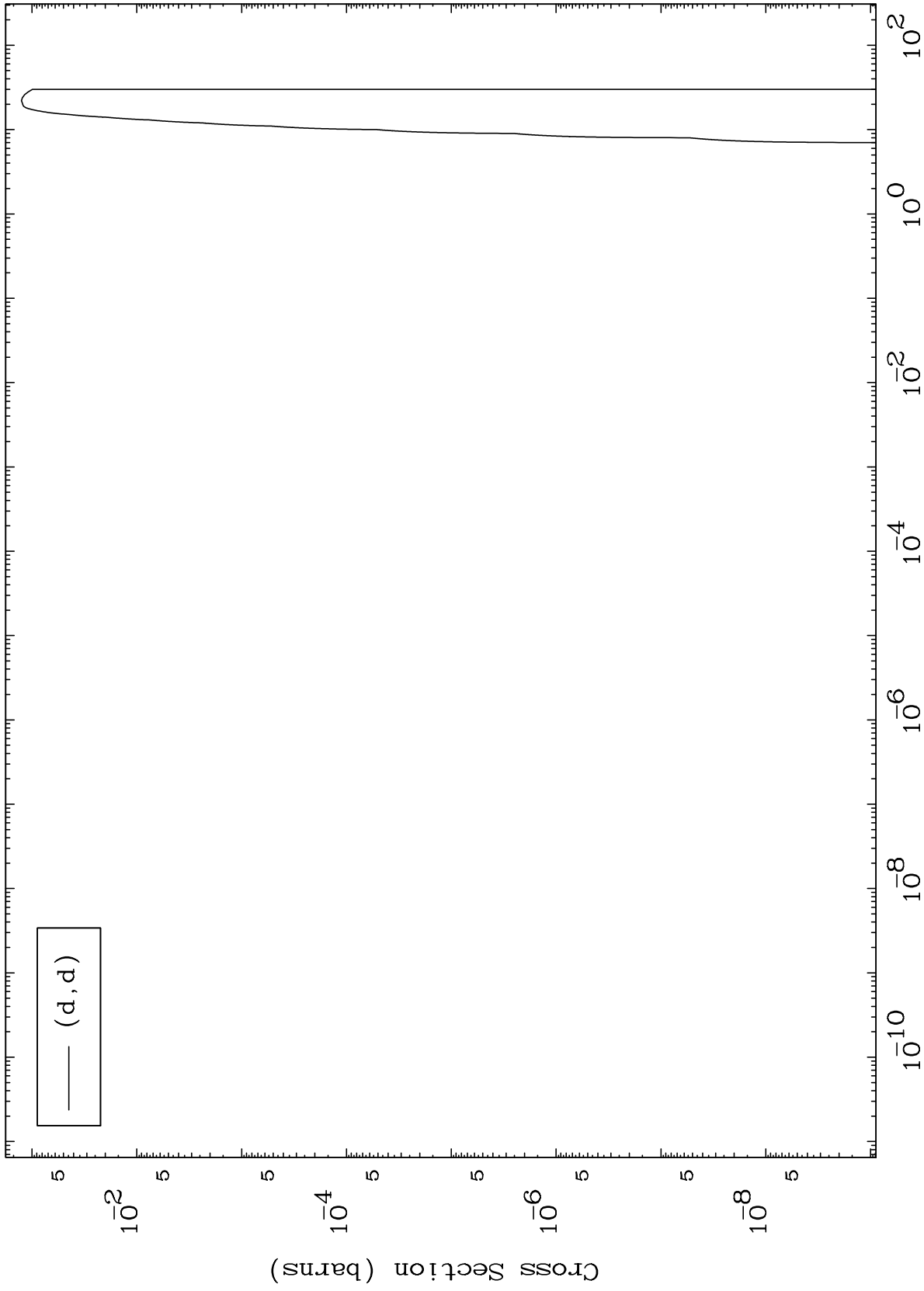
83-Bi-192



MAT 8275

(d,d) Levels
0 Kelvin Cross Sections

83-Bi-192



9

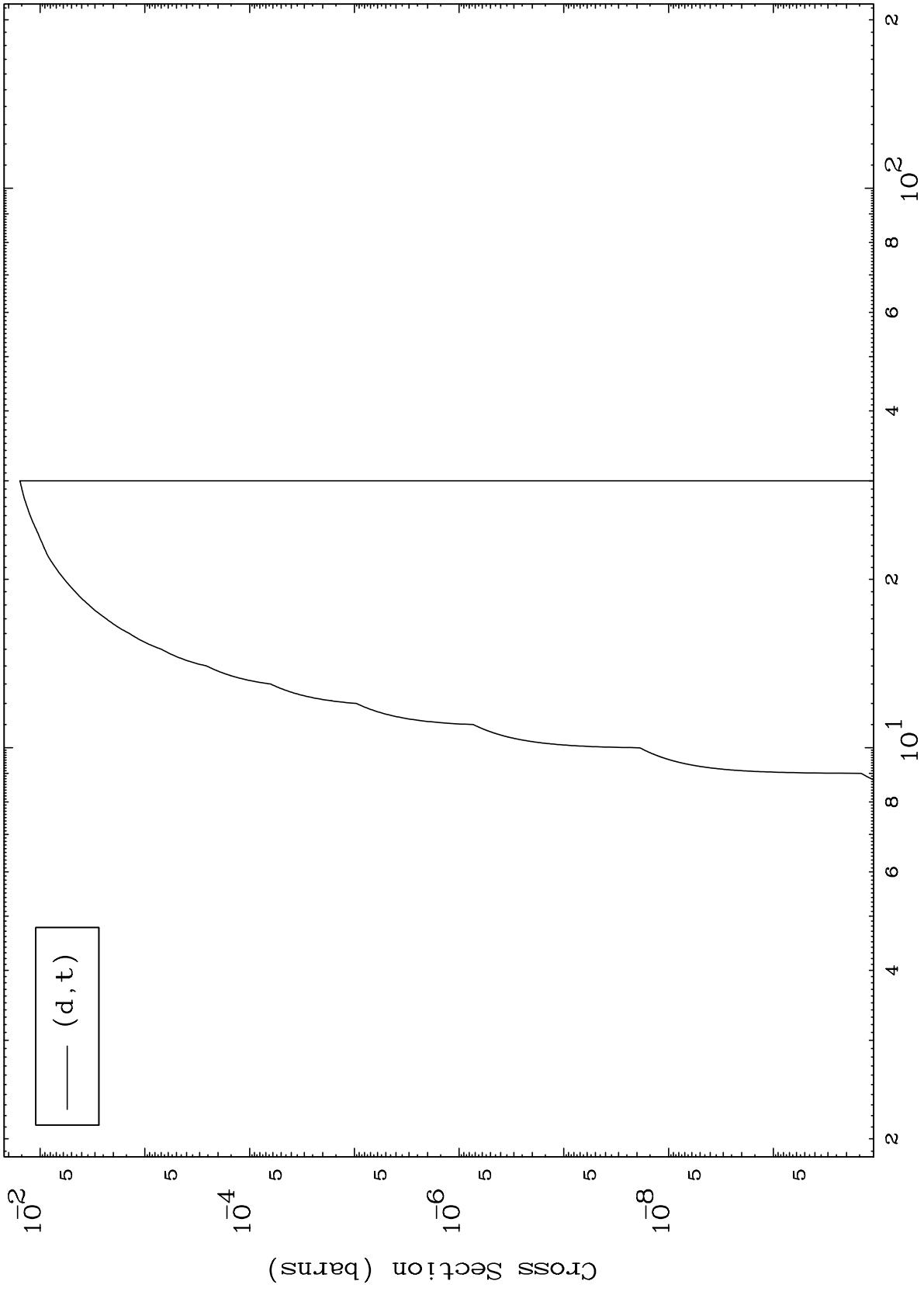
Incident Energy (MeV)

83-Bi-192

MAT 8275

(d,t) Levels
0 Kelvin Cross Sections

83-Bi-192



10

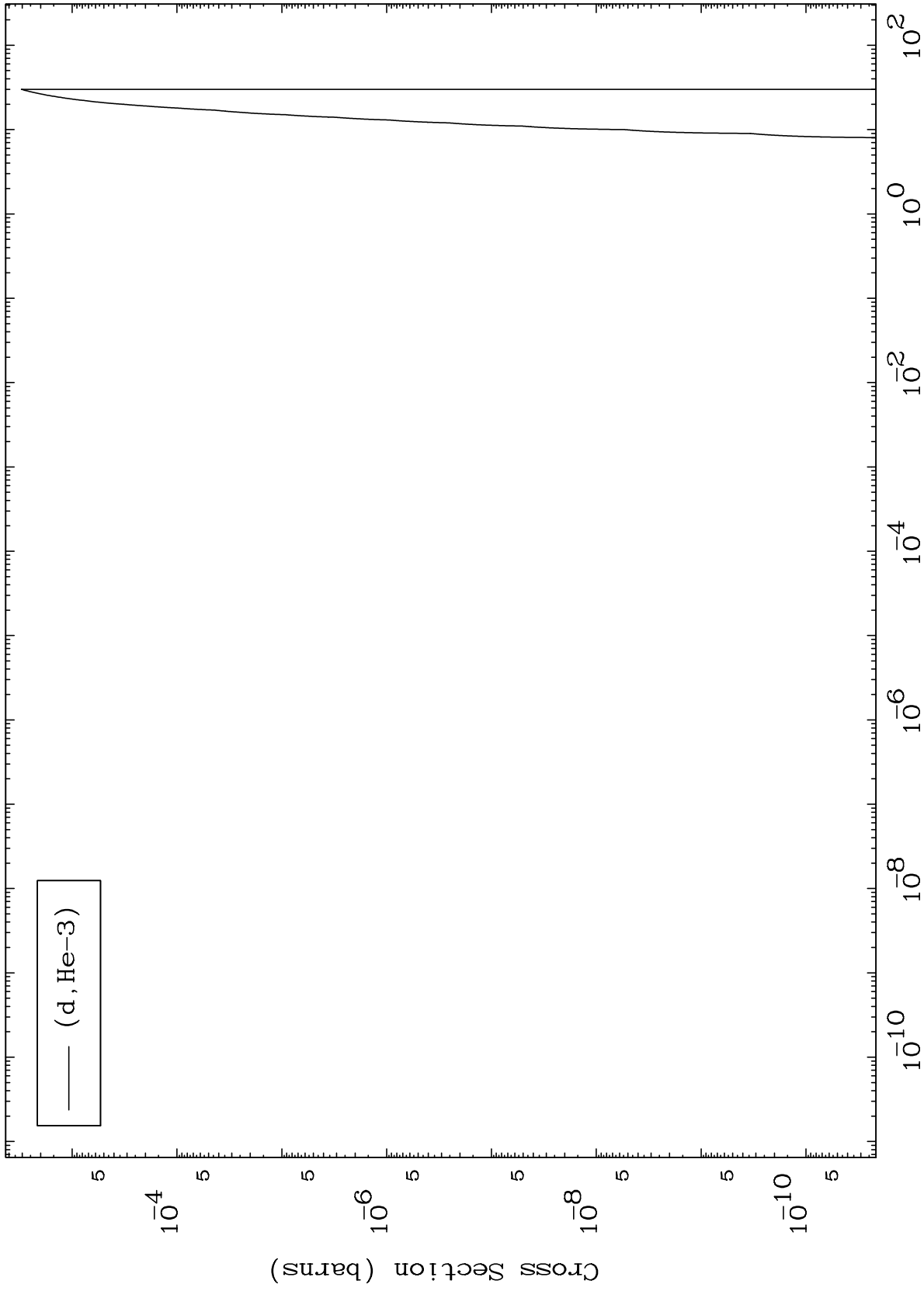
Incident Energy (MeV)

83-Bi-192

MAT 8275

(d,He3) Levels
0 Kelvin Cross Sections

83-Bi-192



11

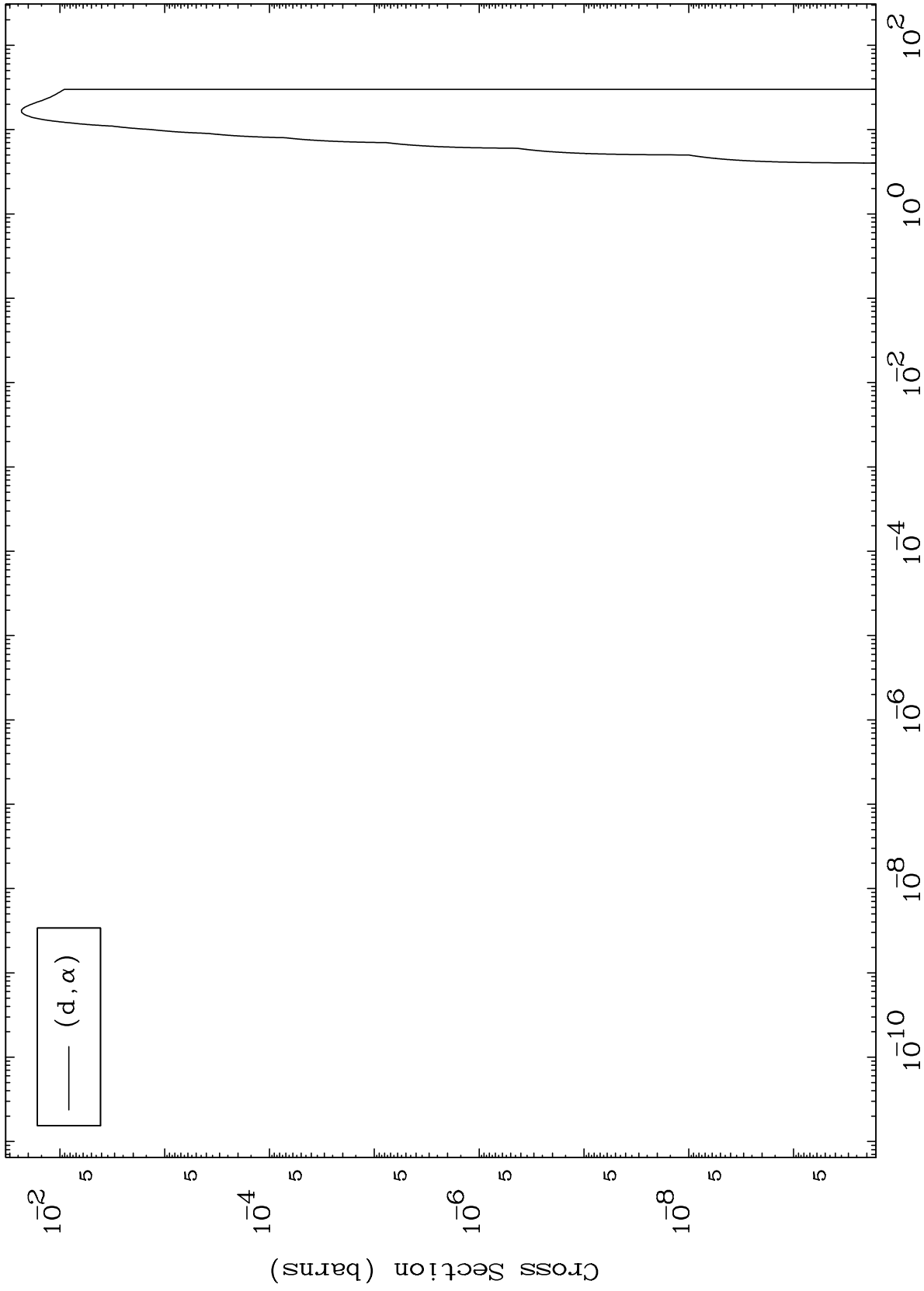
Incident Energy (MeV)

83-Bi-192

MAT 8275

(d, α) Levels
0 Kelvin Cross Sections

83-Bi-192



12

Incident Energy (MeV)

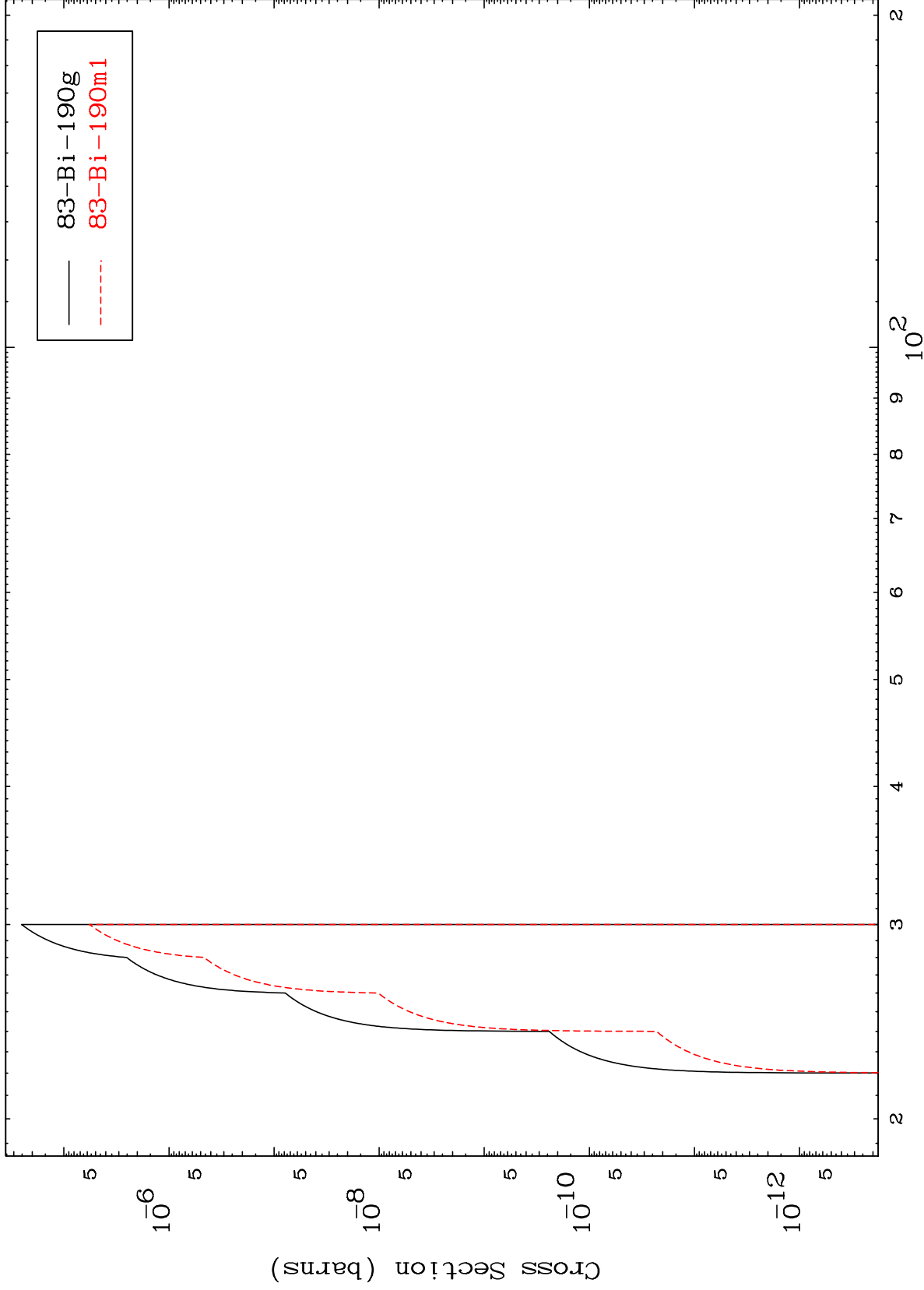
83-Bi-192

MAT 8275

(d,2n) d

⁸³Bi-192

Radionuclide Production Cross Section



13

Incident Energy (MeV)

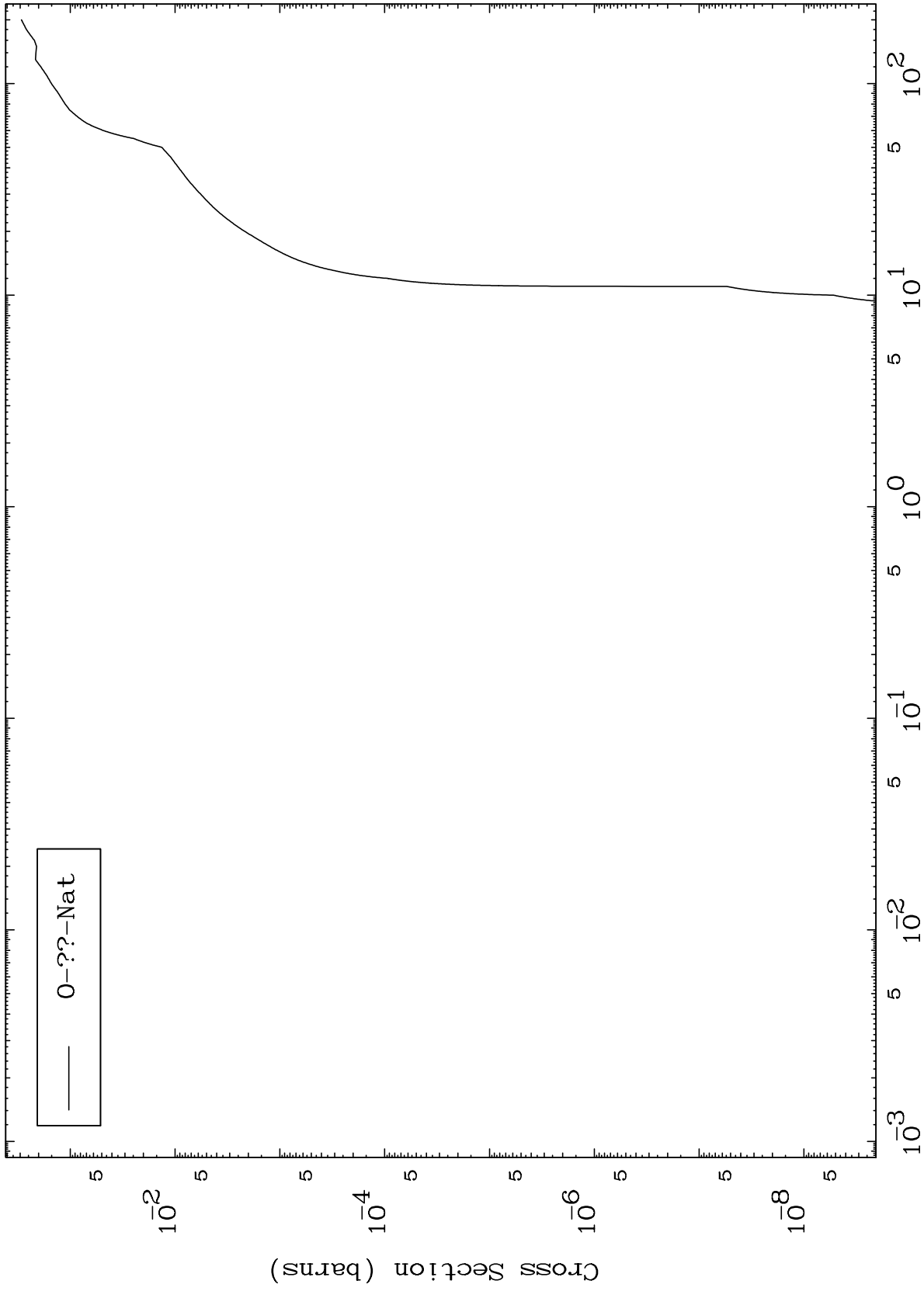
⁸³Bi-192

MAT 8275

Deuteron Fission

83-Bi-192

Radionuclide Production Cross Section



0-??-Nat

14

Incident Energy (MeV)

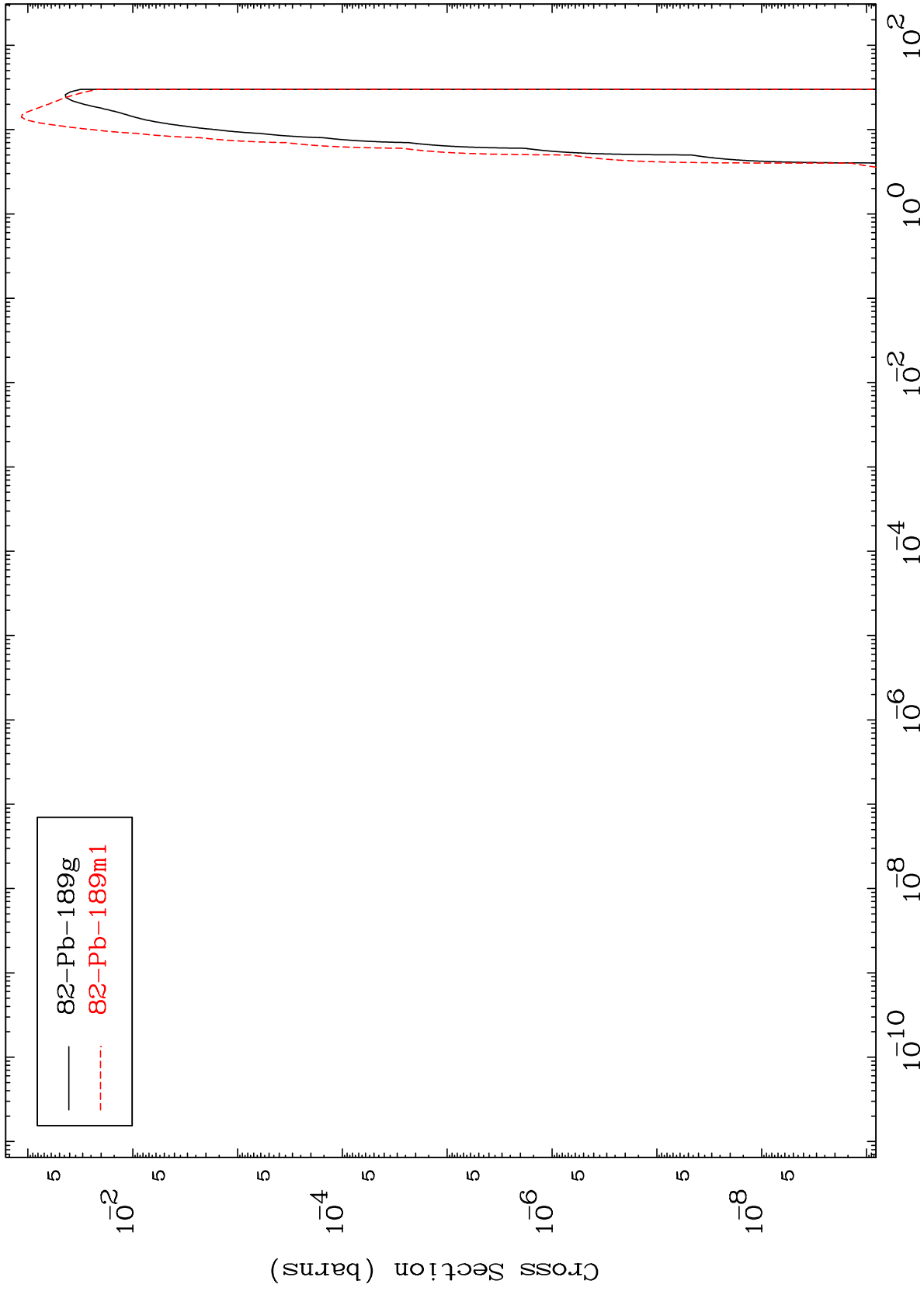
83-Bi-192

MAT 8275

(d,n') α

83-Bi-192

Radionuclide Production Cross Section



15

Incident Energy (MeV)

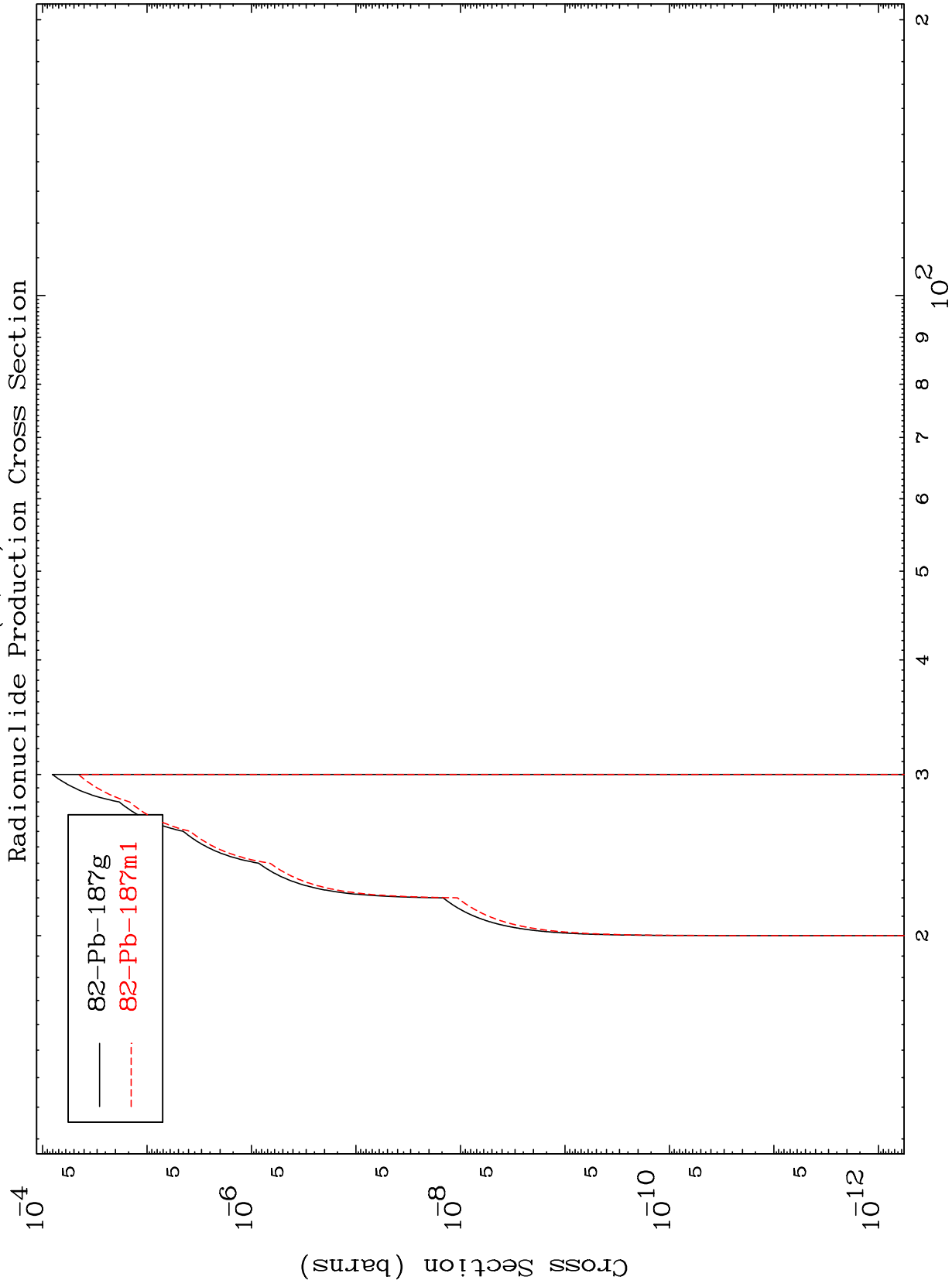
83-Bi-192

MAT 8275

(d,3n) α

83-Bi-192

Radionuclide Production Cross Section



16

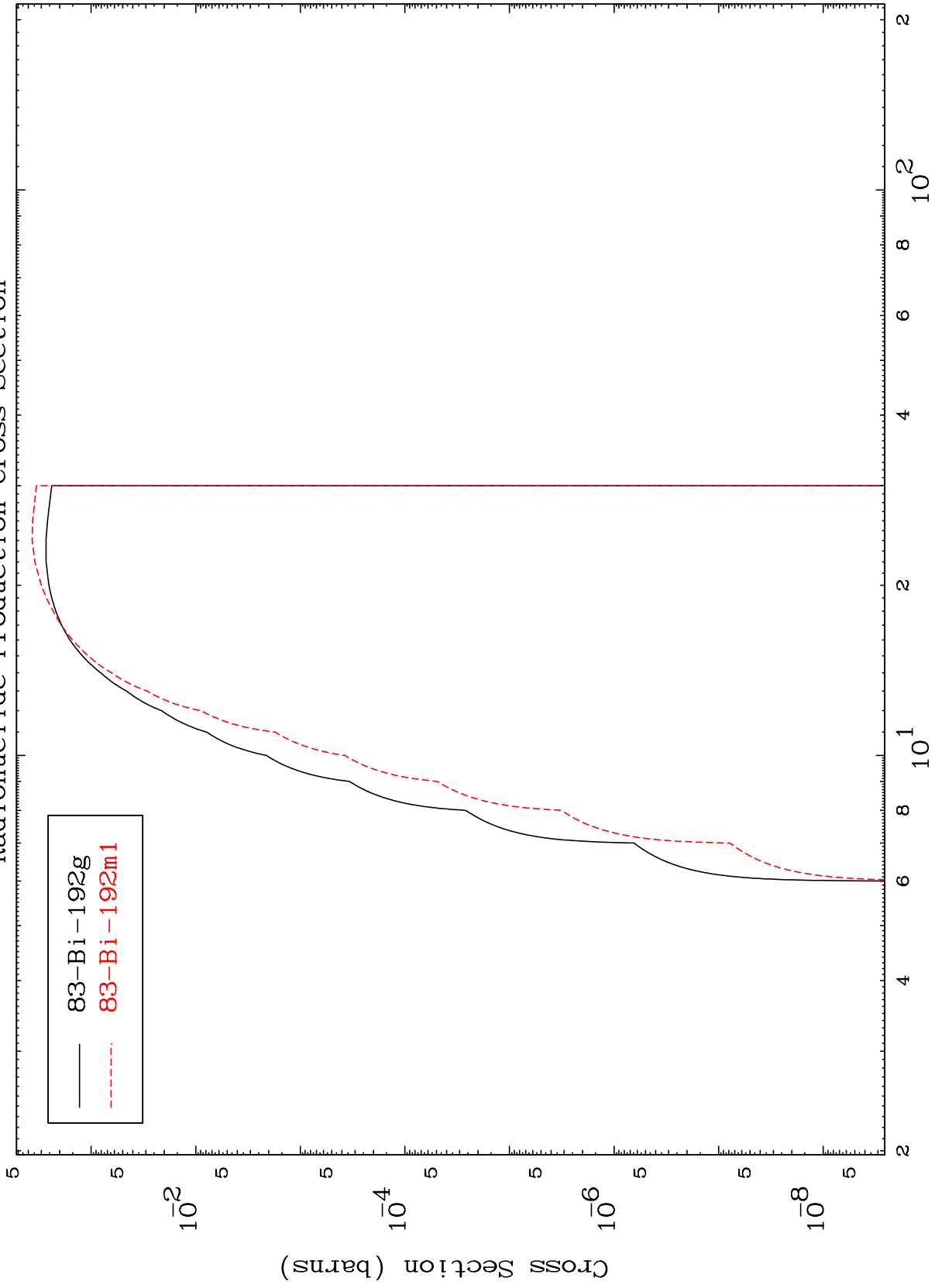
Incident Energy (MeV)

83-Bi-192

MAT 8275

83-Bi-192

(d,n') p
Radionuclide Production Cross Section



17

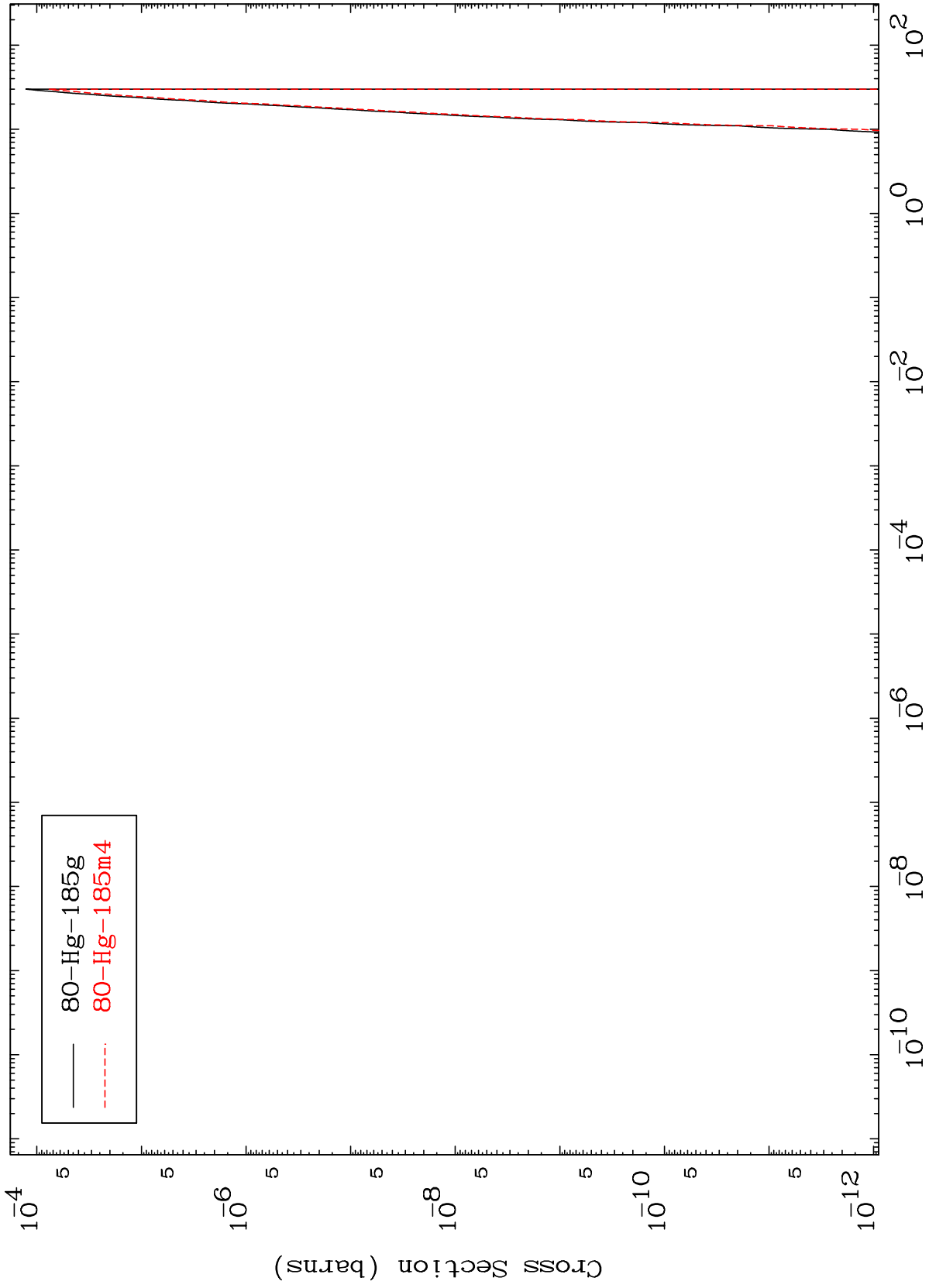
83-Bi-192

MAT 8275

(d,n') 2 α

83-Bi-192

Radionuclide Production Cross Section



18

Incident Energy (MeV)

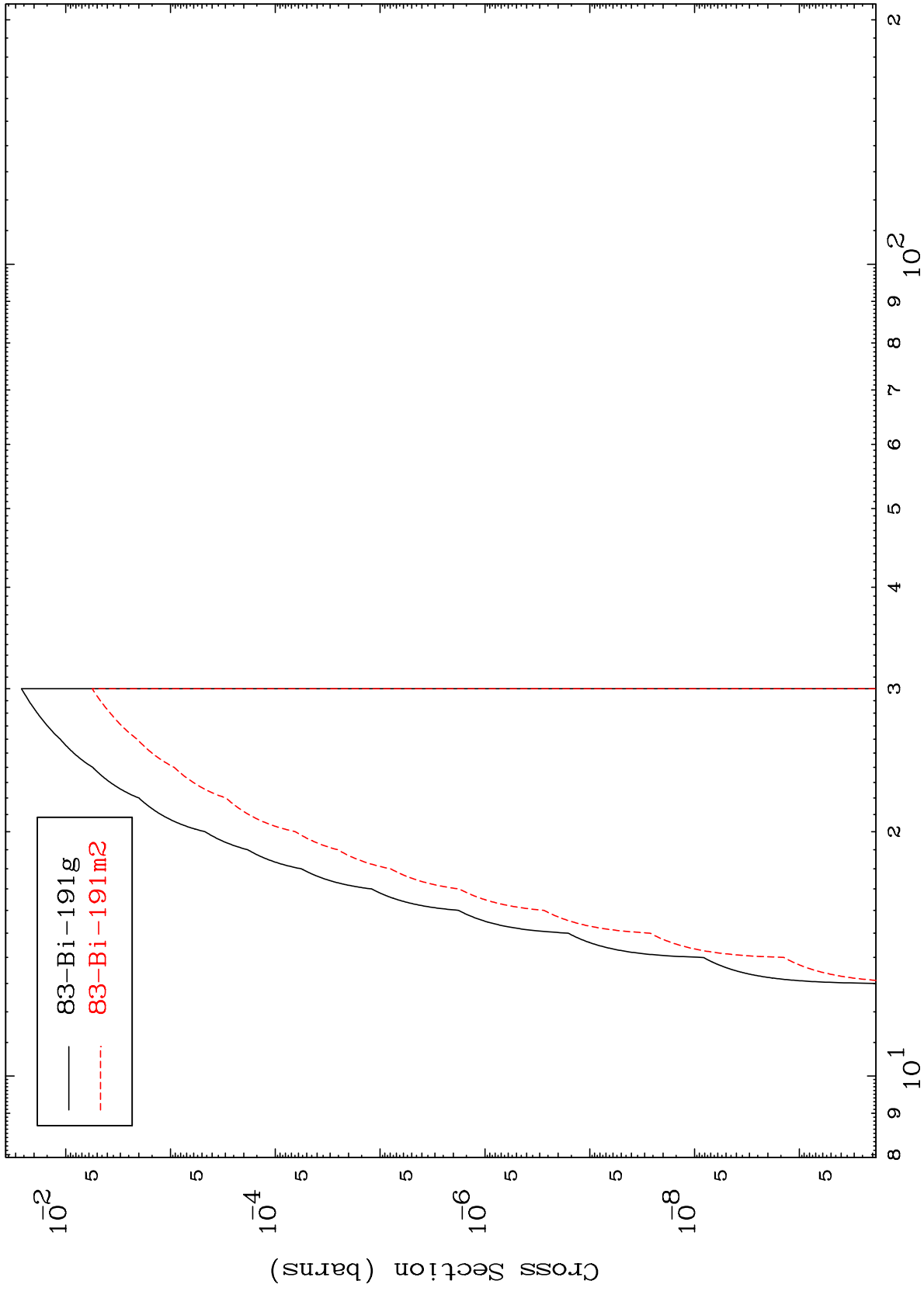
83-Bi-192

MAT 8275

(d,n') d

83-Bi-192

Radionuclide Production Cross Section



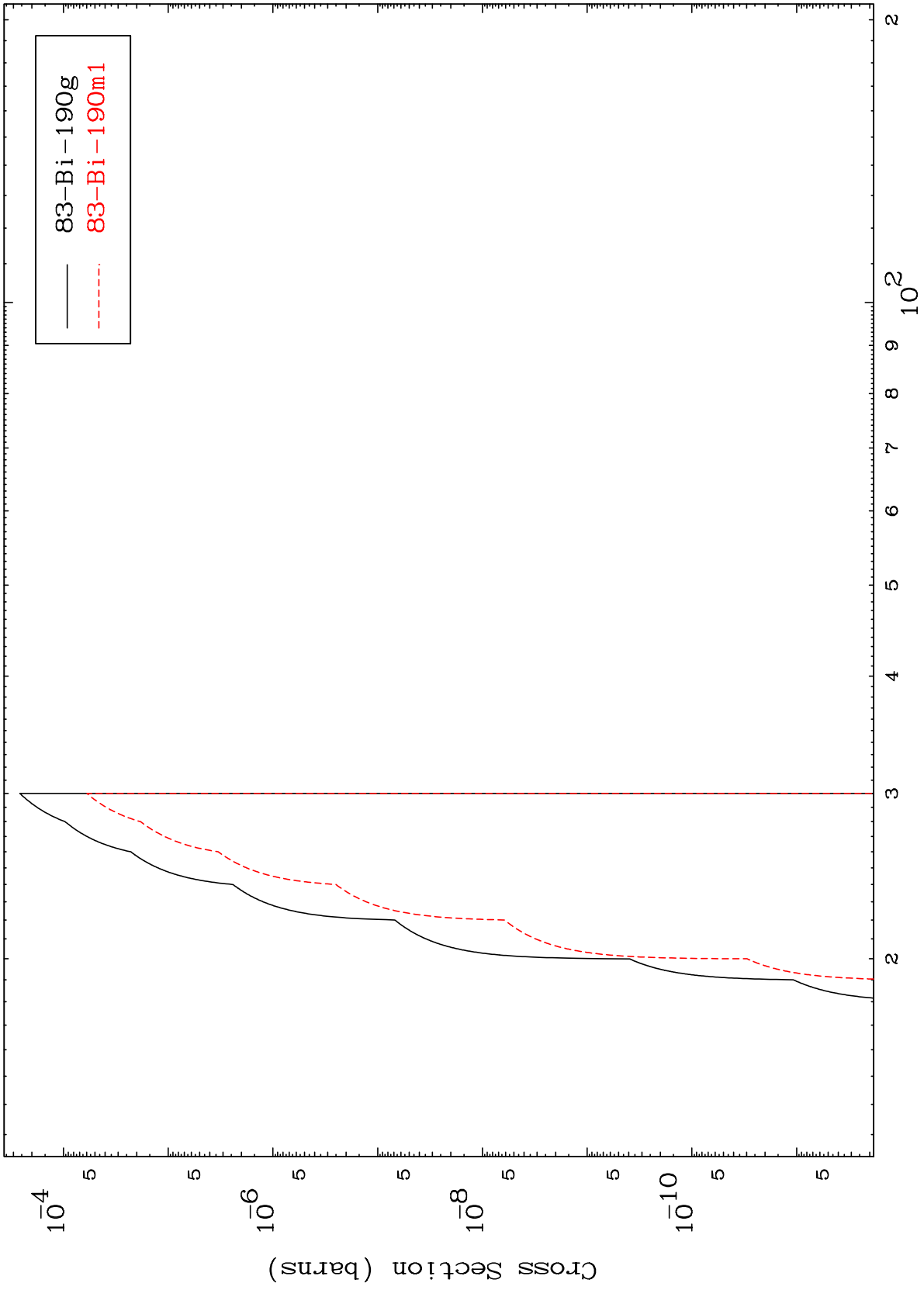
19

MAT 8275

(d,n') t

⁸³Bi-192

Radionuclide Production Cross Section



20

Incident Energy (MeV)

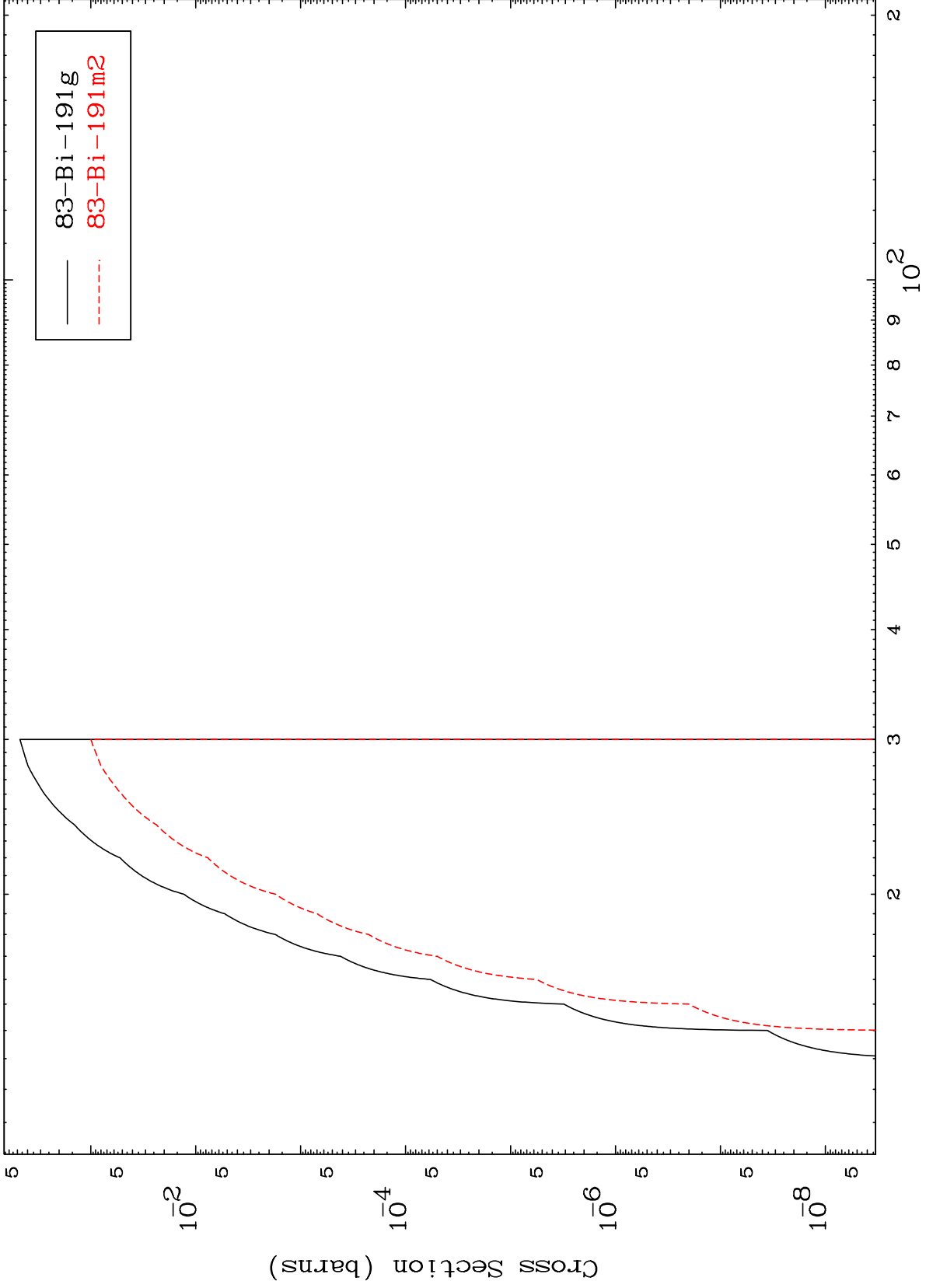
⁸³Bi-192

MAT 8275

(d,2n) p

⁸³Bi-192

Radionuclide Production Cross Section



21

Incident Energy (MeV)

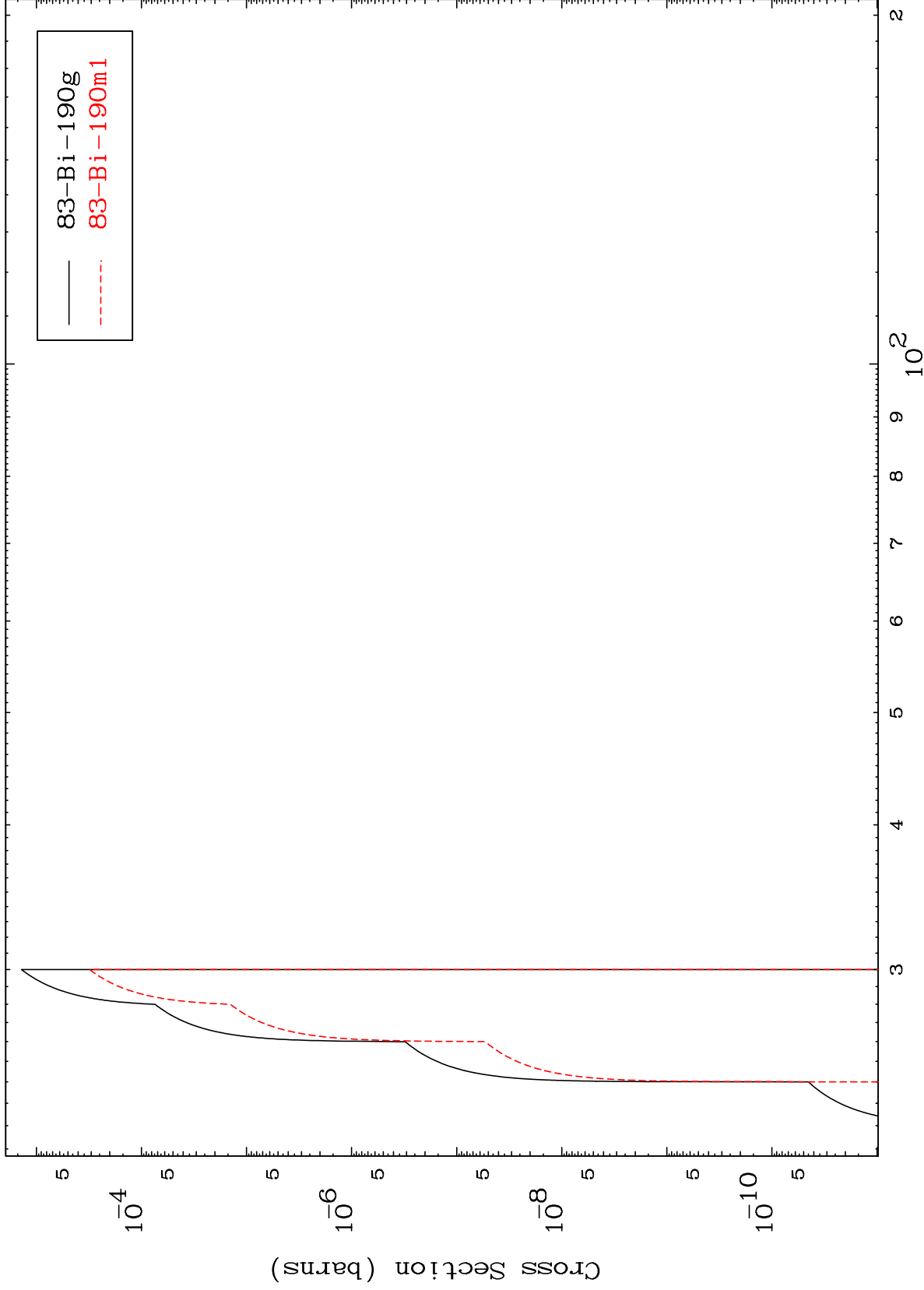
⁸³Bi-192

MAT 8275

(d,3n) p

⁸³Bi-192

Radionuclide Production Cross Section



22

Incident Energy (MeV)

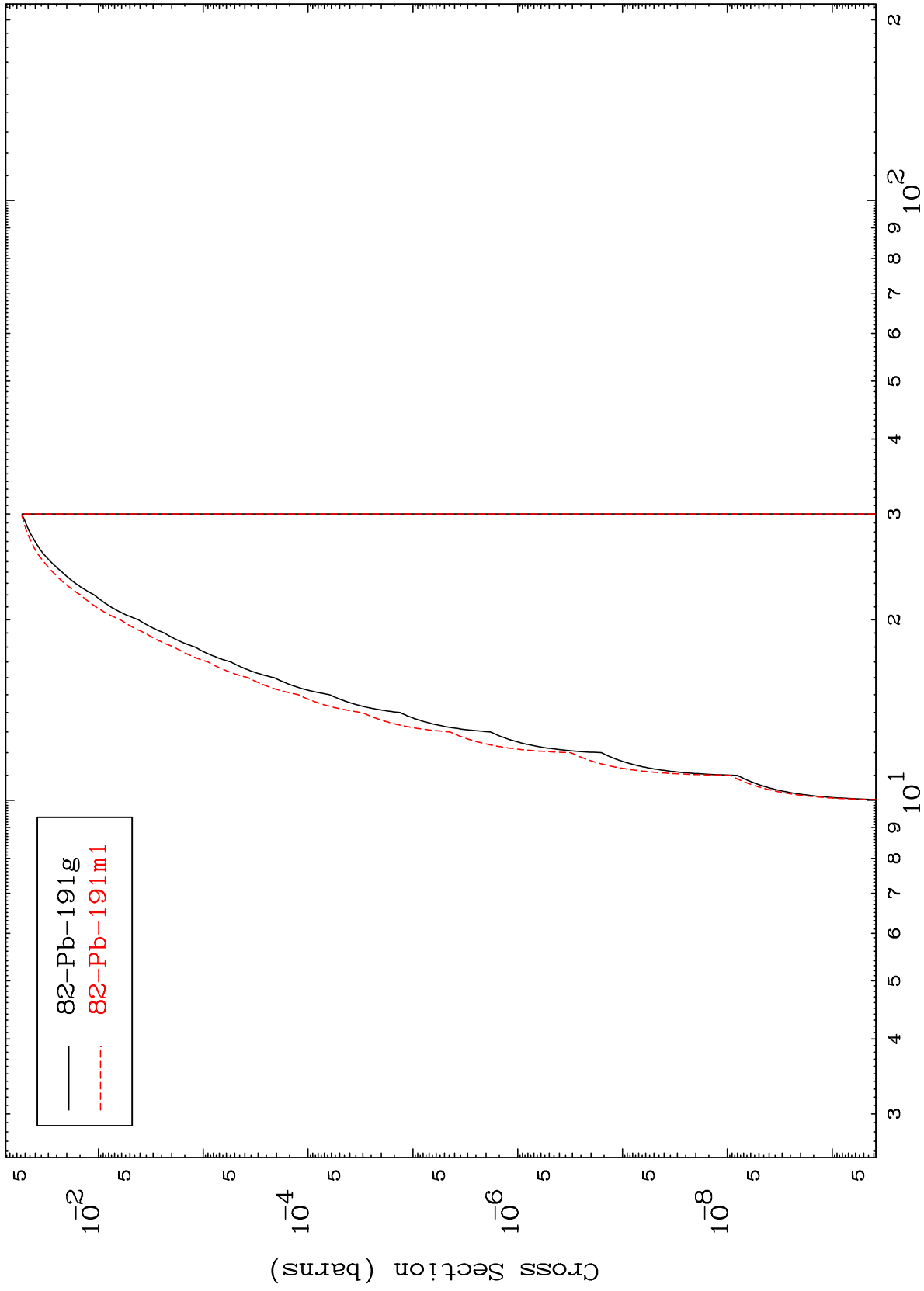
⁸³Bi-192

MAT 8275

(d,2n) p

83-Bi-192

Radionuclide Production Cross Section



23

Incident Energy (MeV)

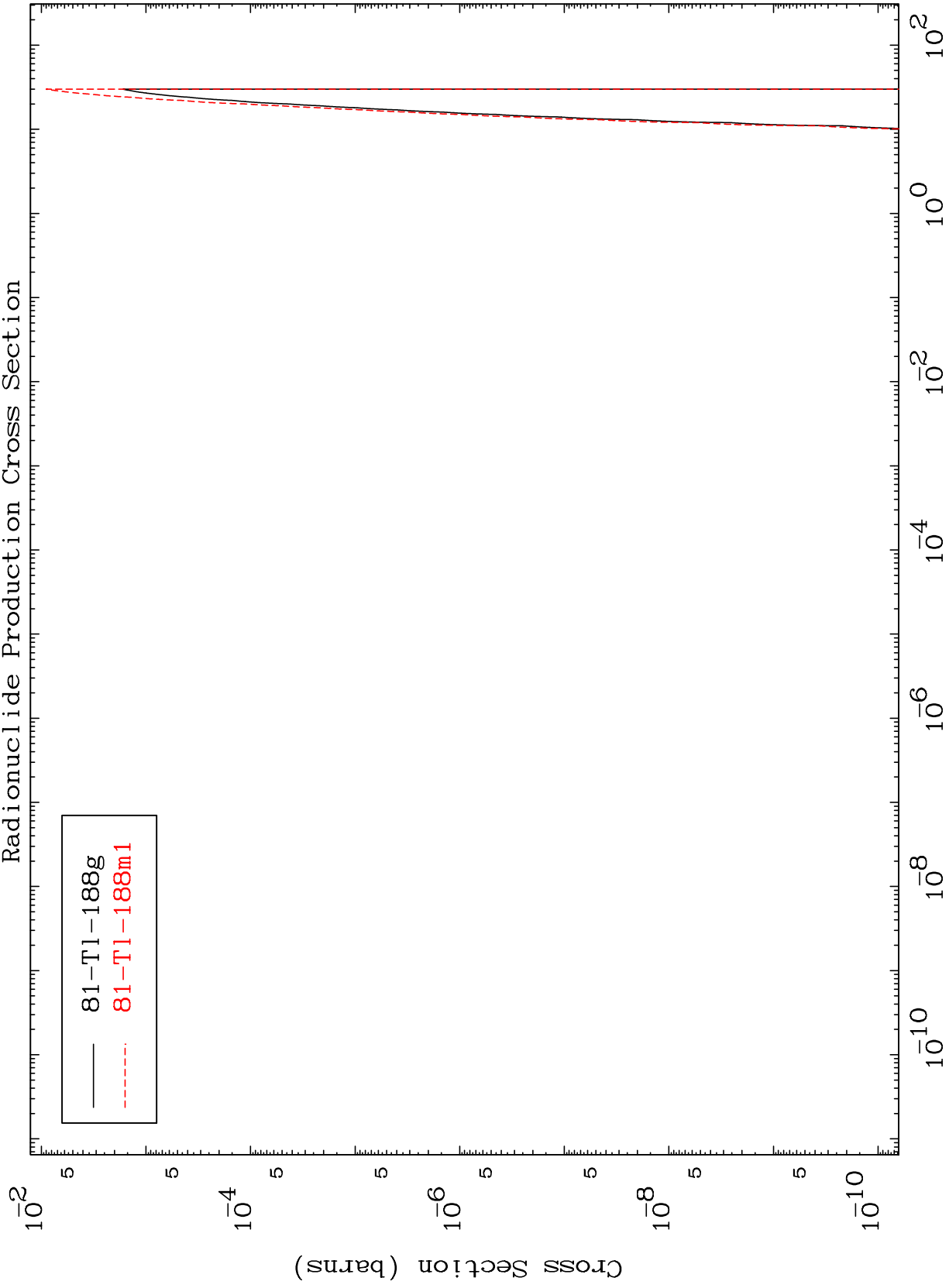
83-Bi-192

MAT 8275

(d,n') p α

83-Bi-192

Radionuclide Production Cross Section



24

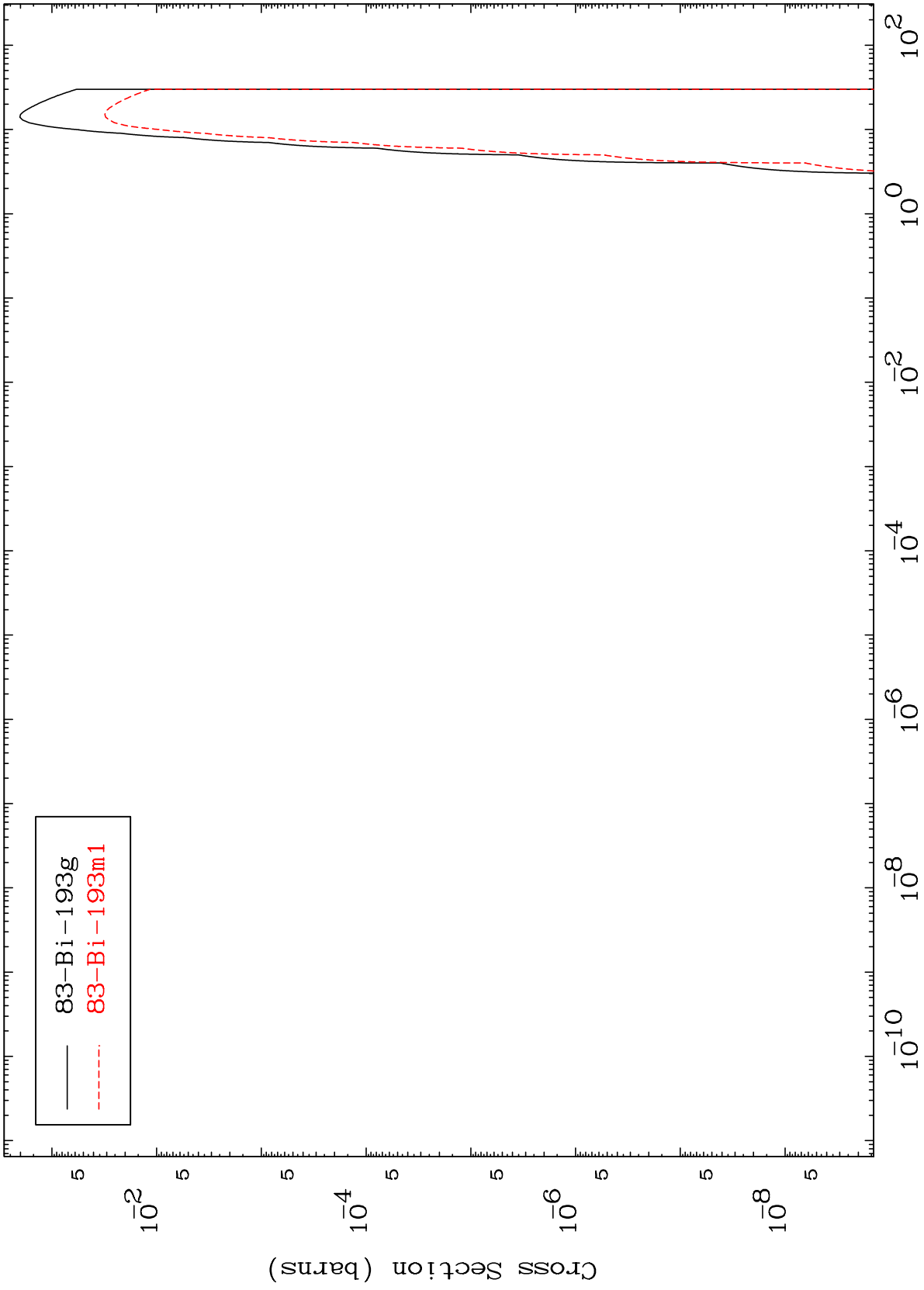
Incident Energy (MeV)

83-Bi-192

MAT 8275

(d,p)
Radionuclide Production Cross Section

⁸³Bi-192



25

Incident Energy (MeV)

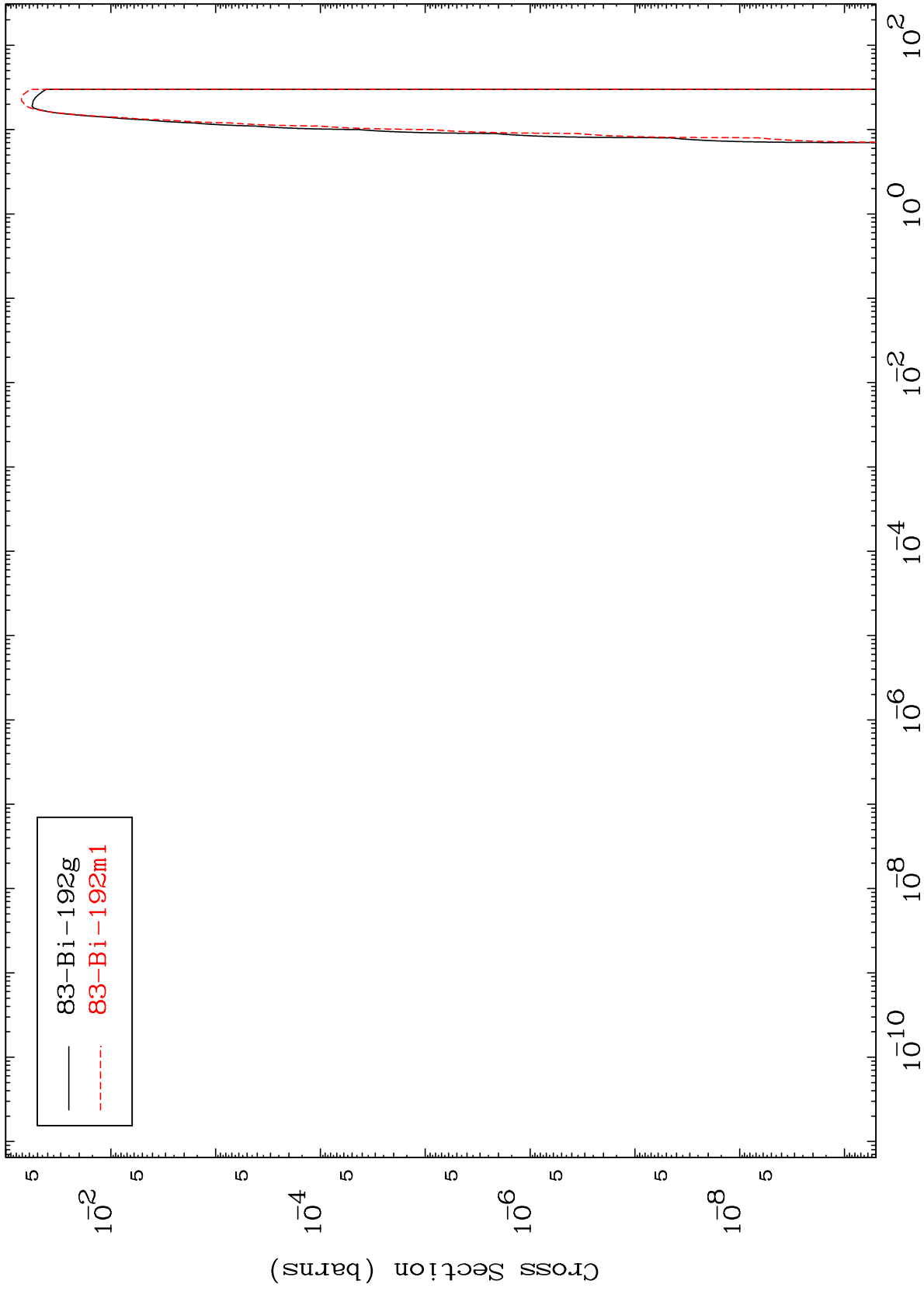
⁸³Bi-192

MAT 8275

(d,d)

⁸³Bi-192

Radionuclide Production Cross Section



26

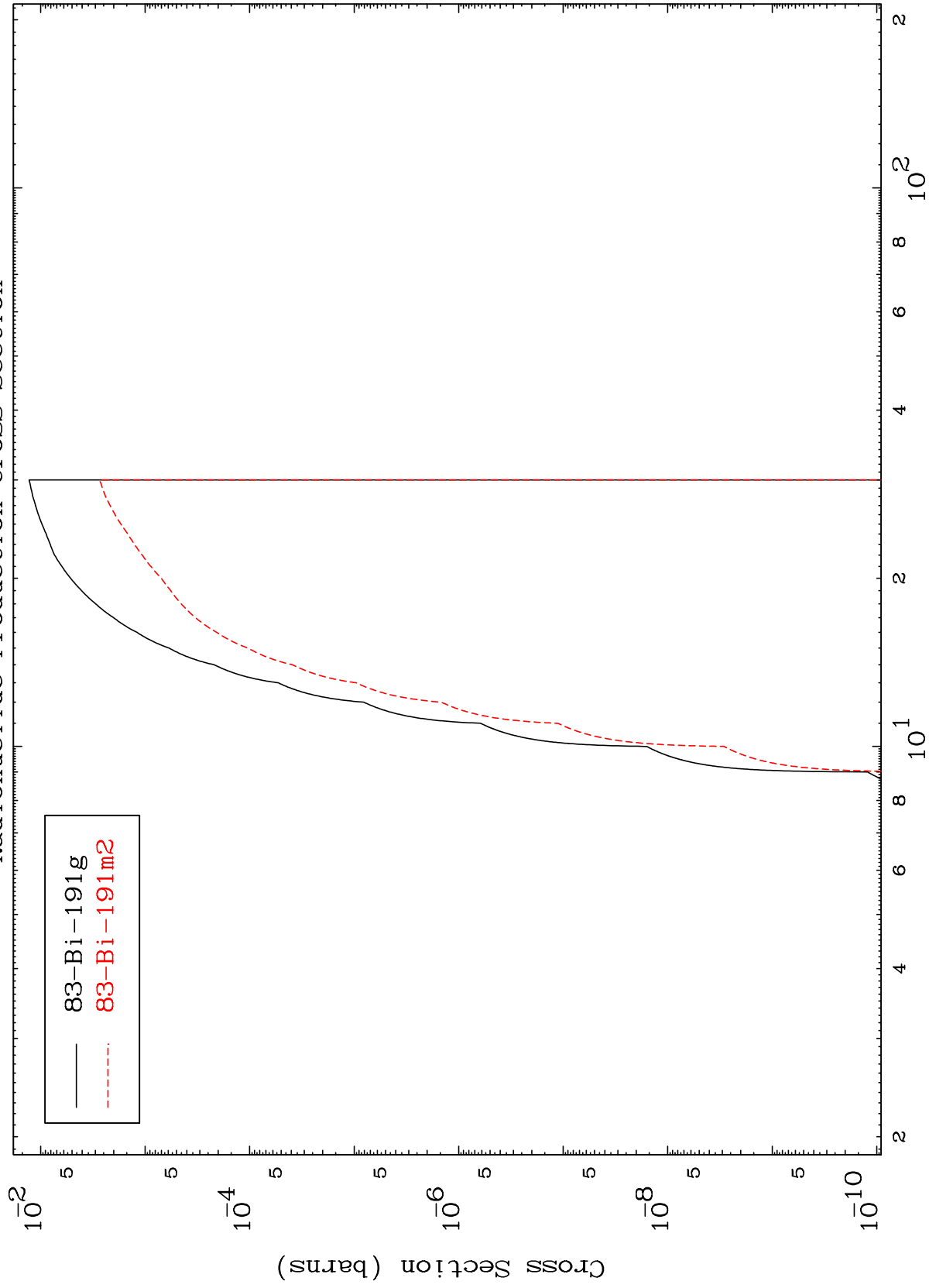
Incident Energy (MeV)

⁸³Bi-192

MAT 8275

Radionuclide Production Cross Section
(d, t)

83-Bi-192



27

Incident Energy (MeV)

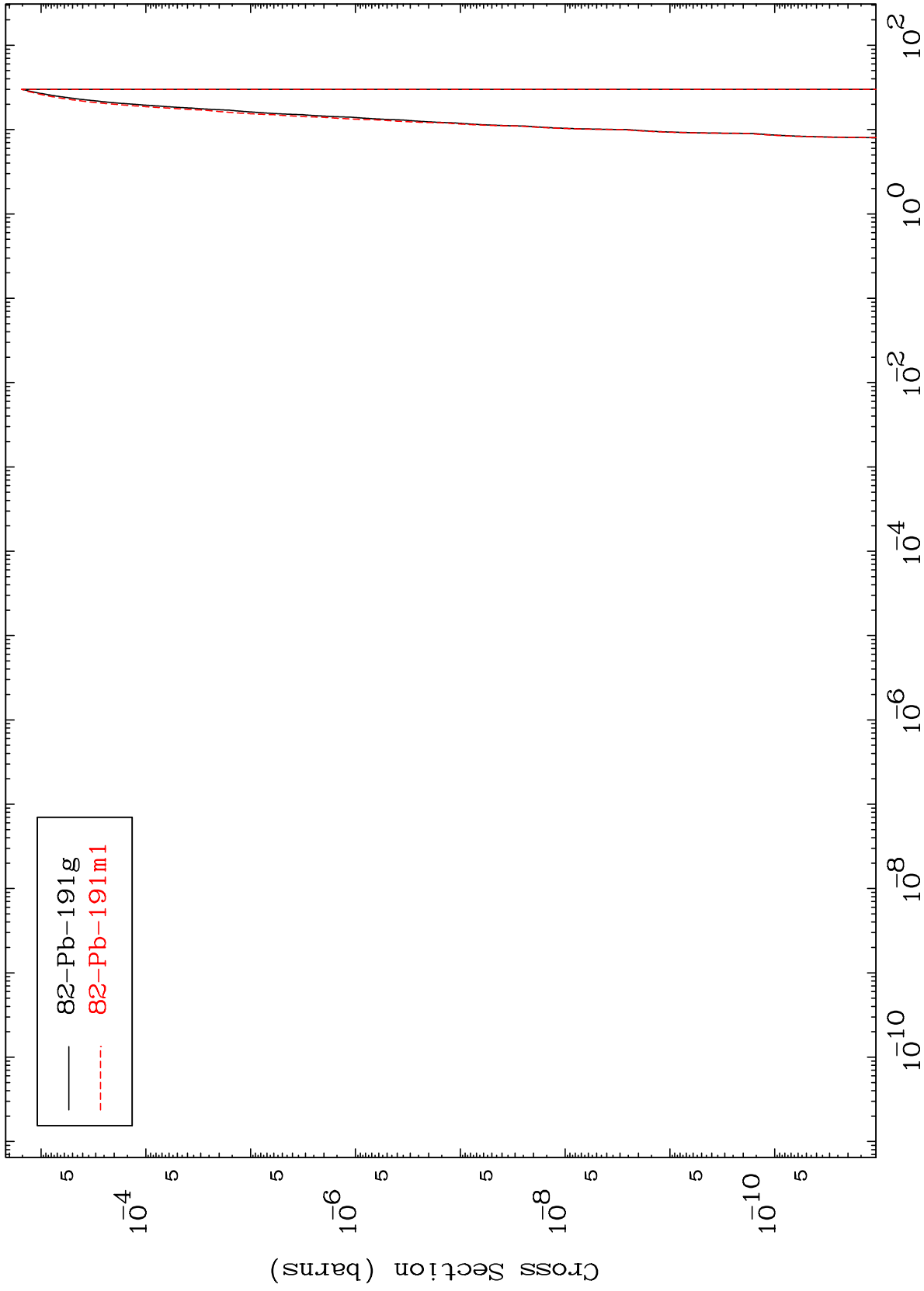
83-Bi-192

MAT 8275

(d, He-3)

83-Bi-192

Radionuclide Production Cross Section



28

Incident Energy (MeV)

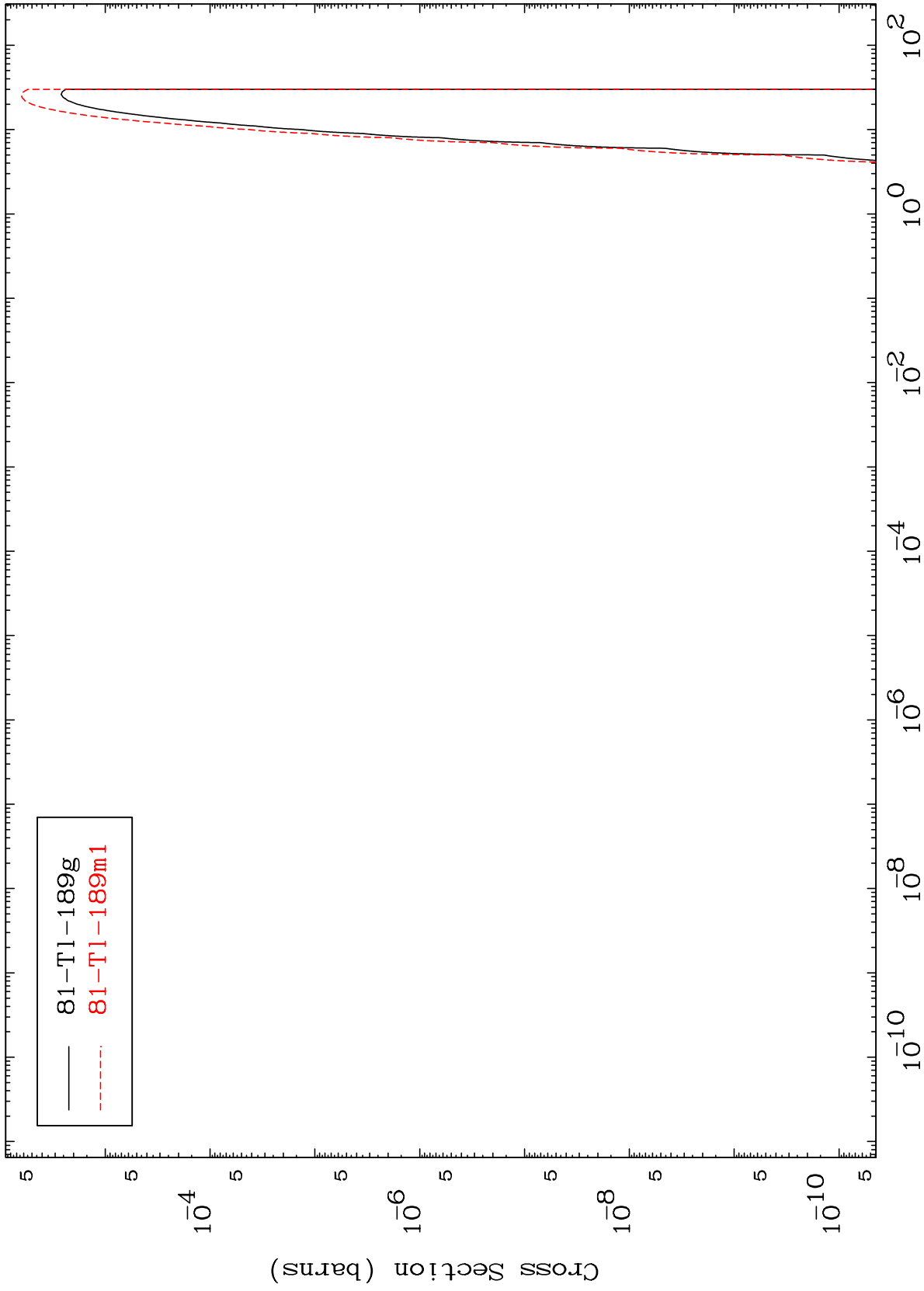
83-Bi-192

MAT 8275

(d,p) α

83-Bi-192

Radionuclide Production Cross Section



29

Incident Energy (MeV)

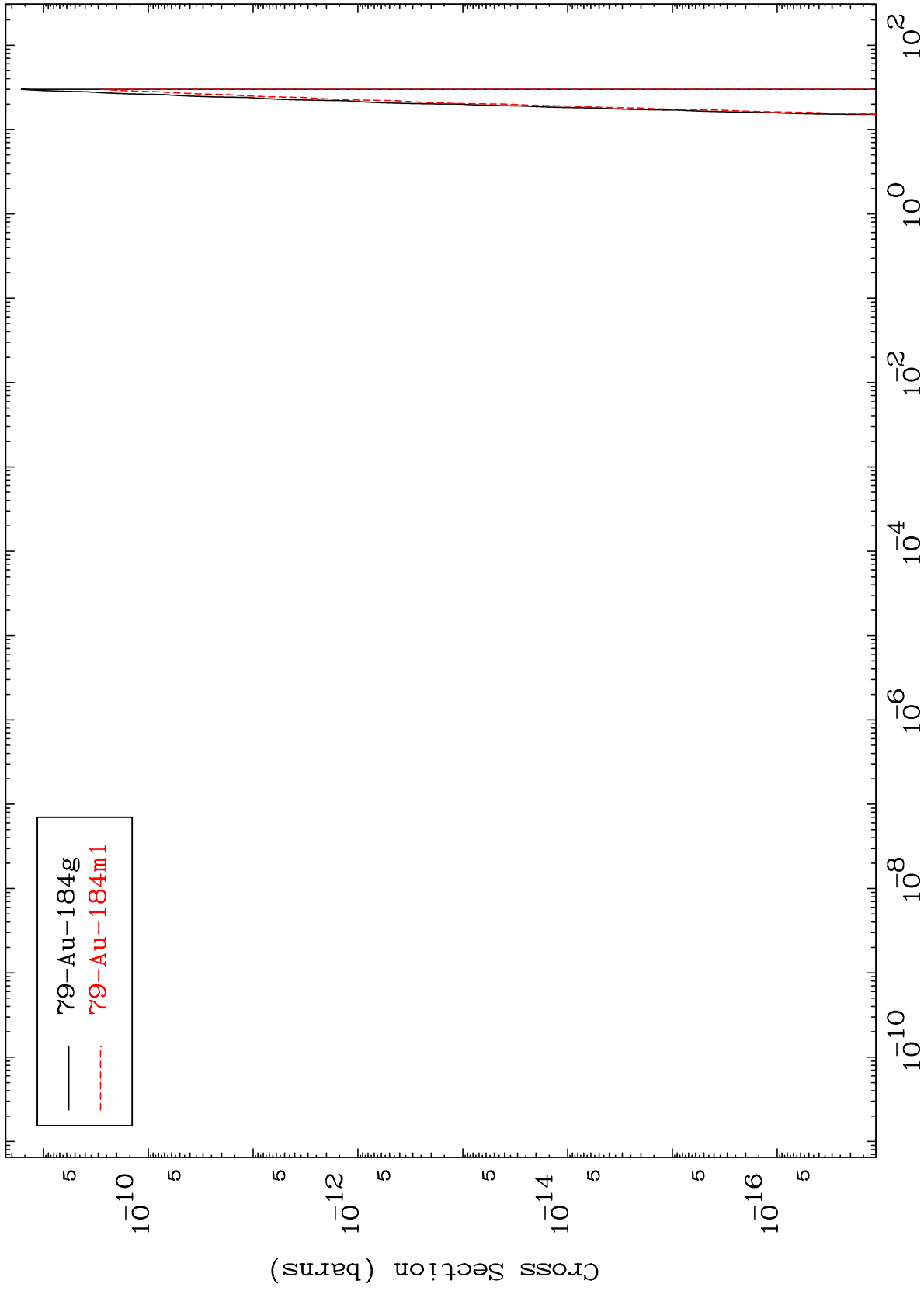
83-Bi-192

MAT 8275

(d,d) 2α

83-Bi-192

Radionuclide Production Cross Section



30

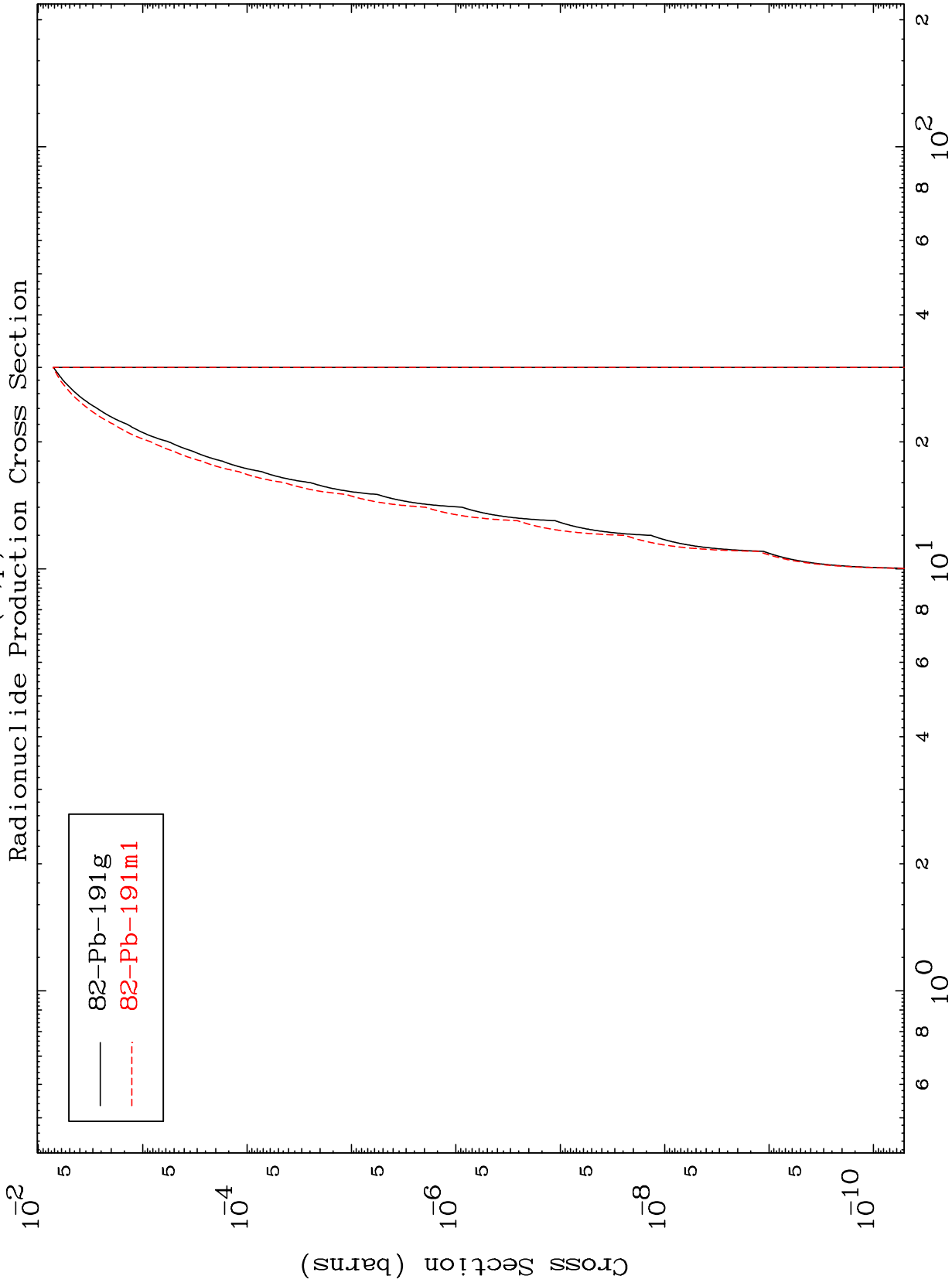
Incident Energy (MeV)

83-Bi-192

MAT 8275

(d,p) d

83-Bi-192



31

83-Bi-192

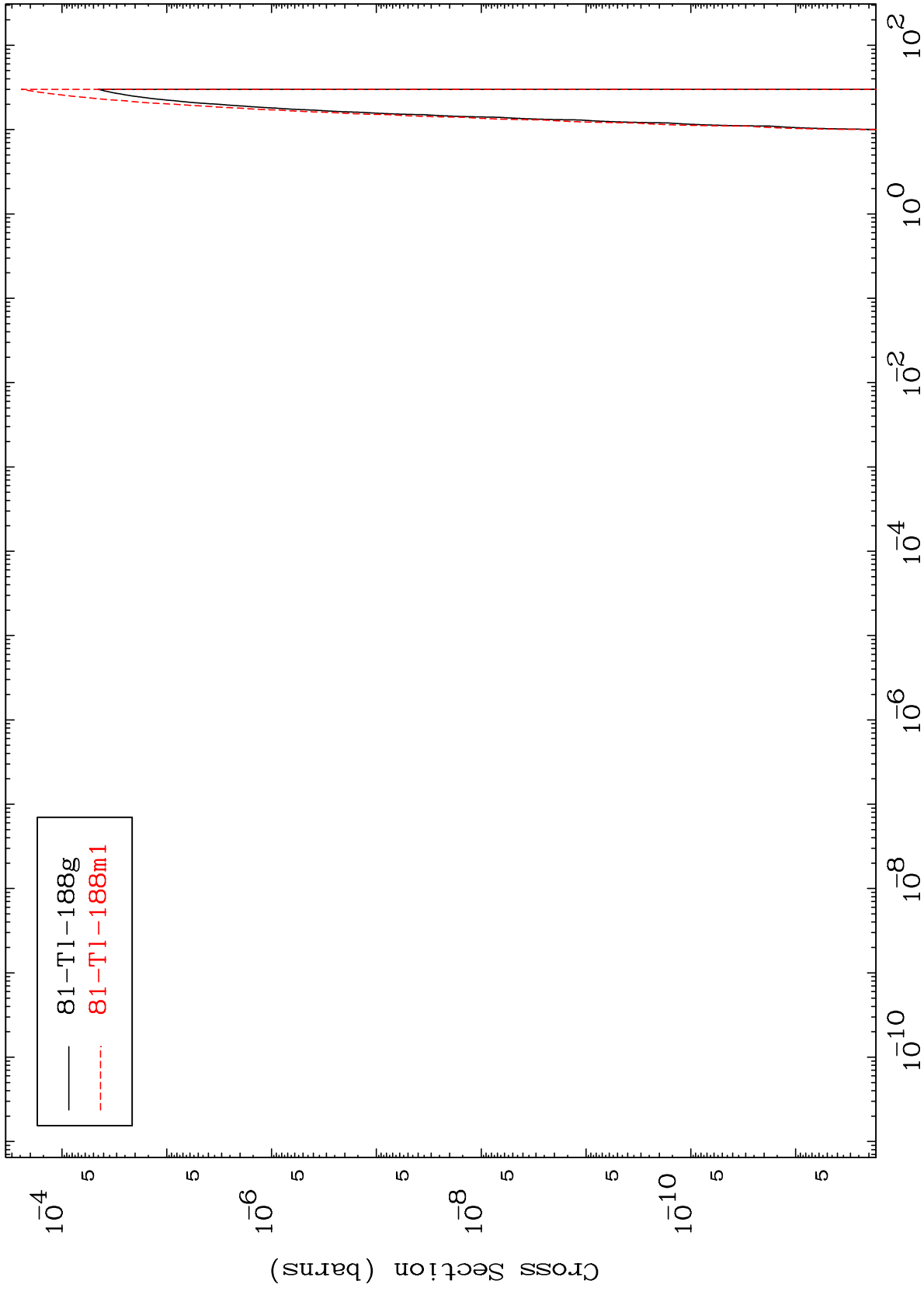
83-Bi-192

MAT 8275

(d,d) α

83-Bi-192

Radionuclide Production Cross Section



32

Incident Energy (MeV)

83-Bi-192