

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

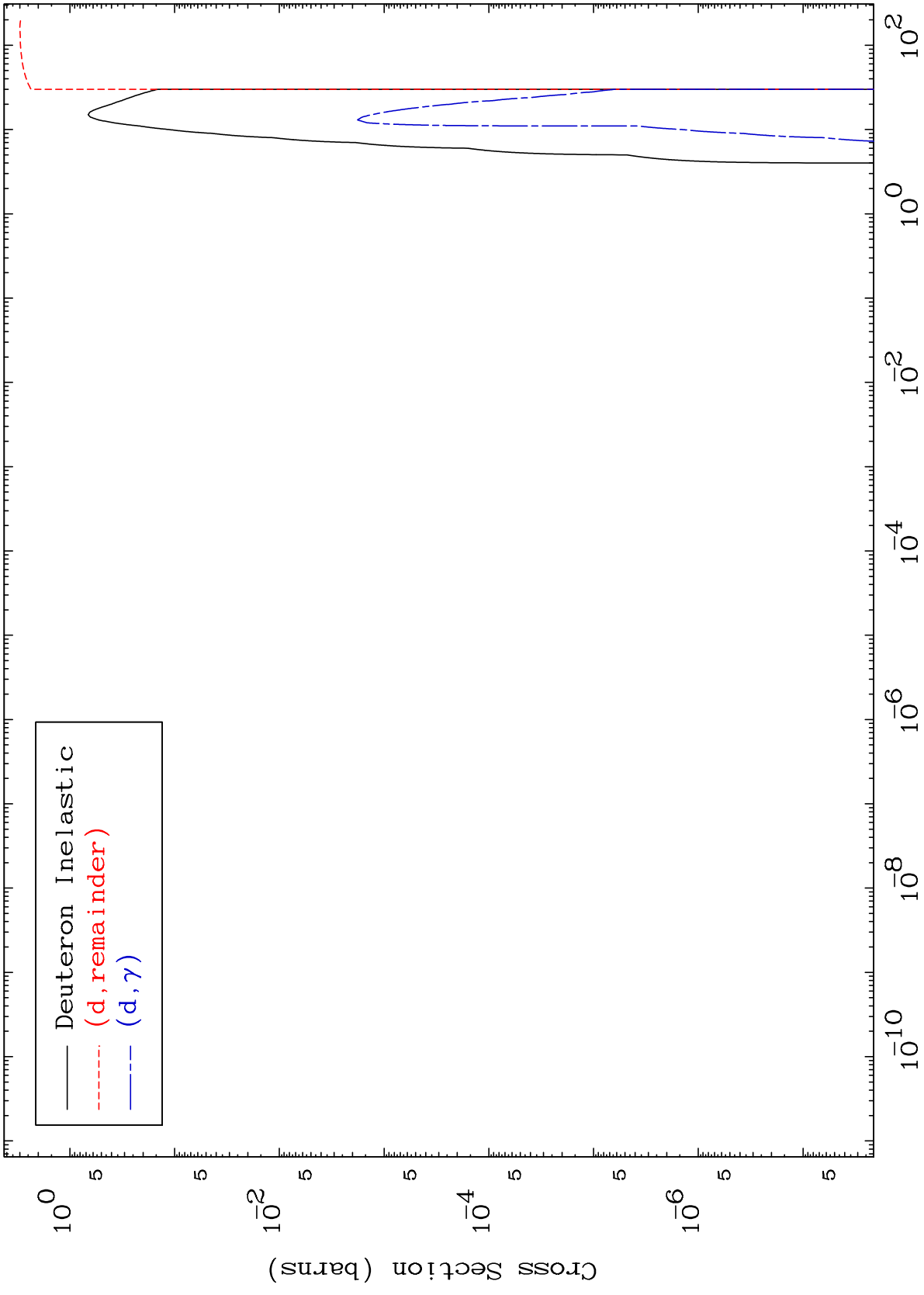
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Web: redcullen1.net/HOMEPAGE.NEW

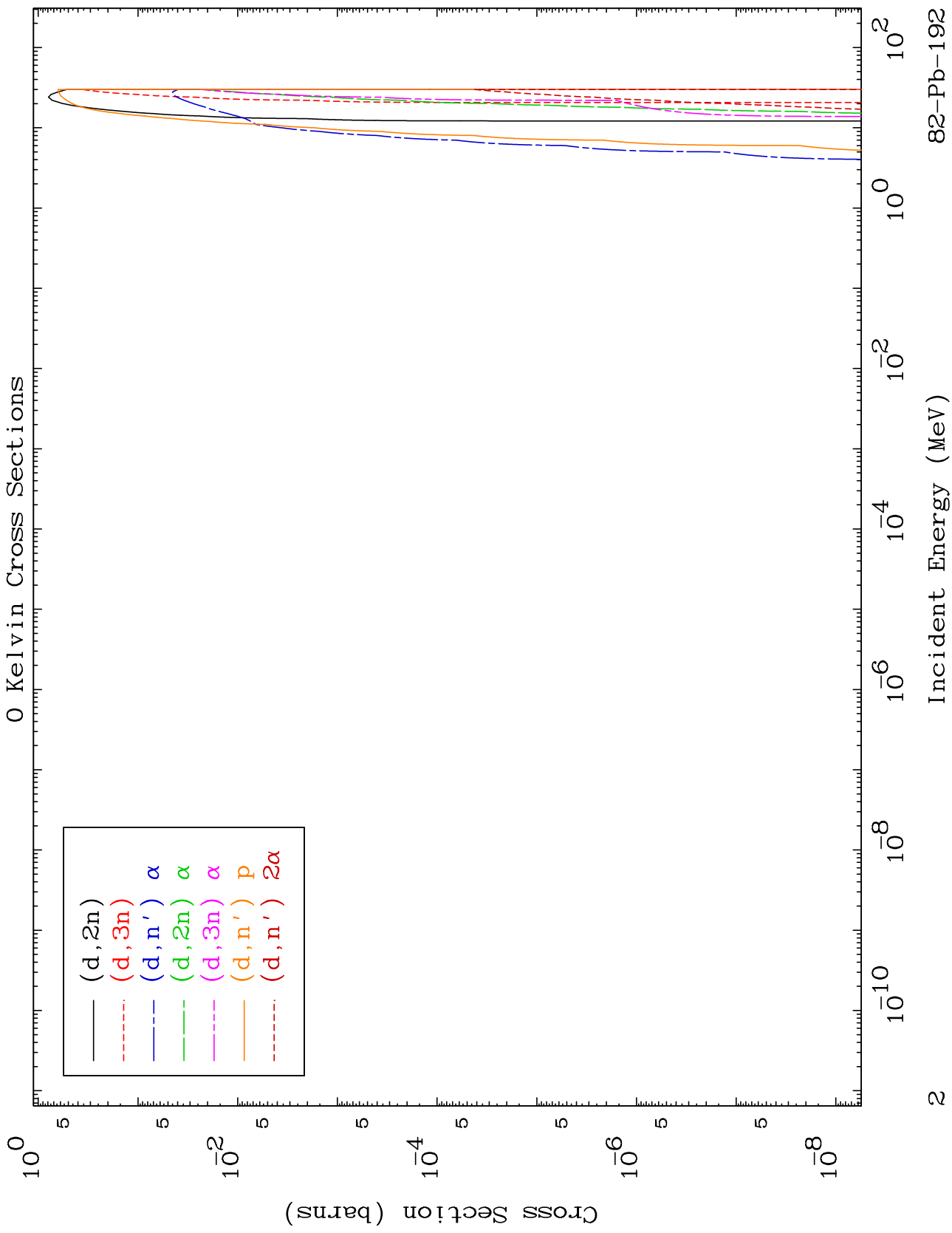
Press Mouse Button to Start



MAT 8189

Deuteron Neutron Production
0 Kelvin Cross Sections

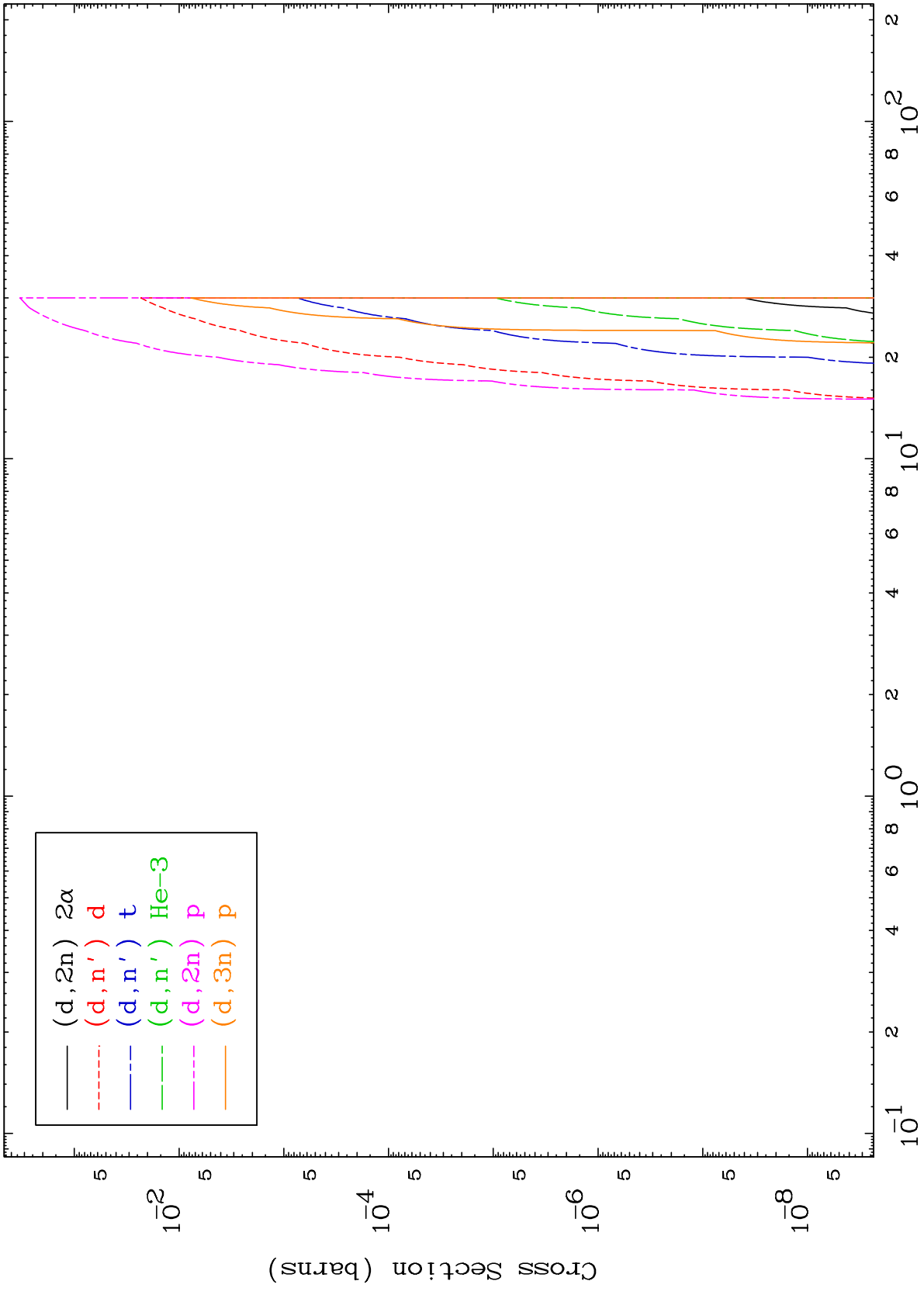
82-Pb-192



MAT 8189

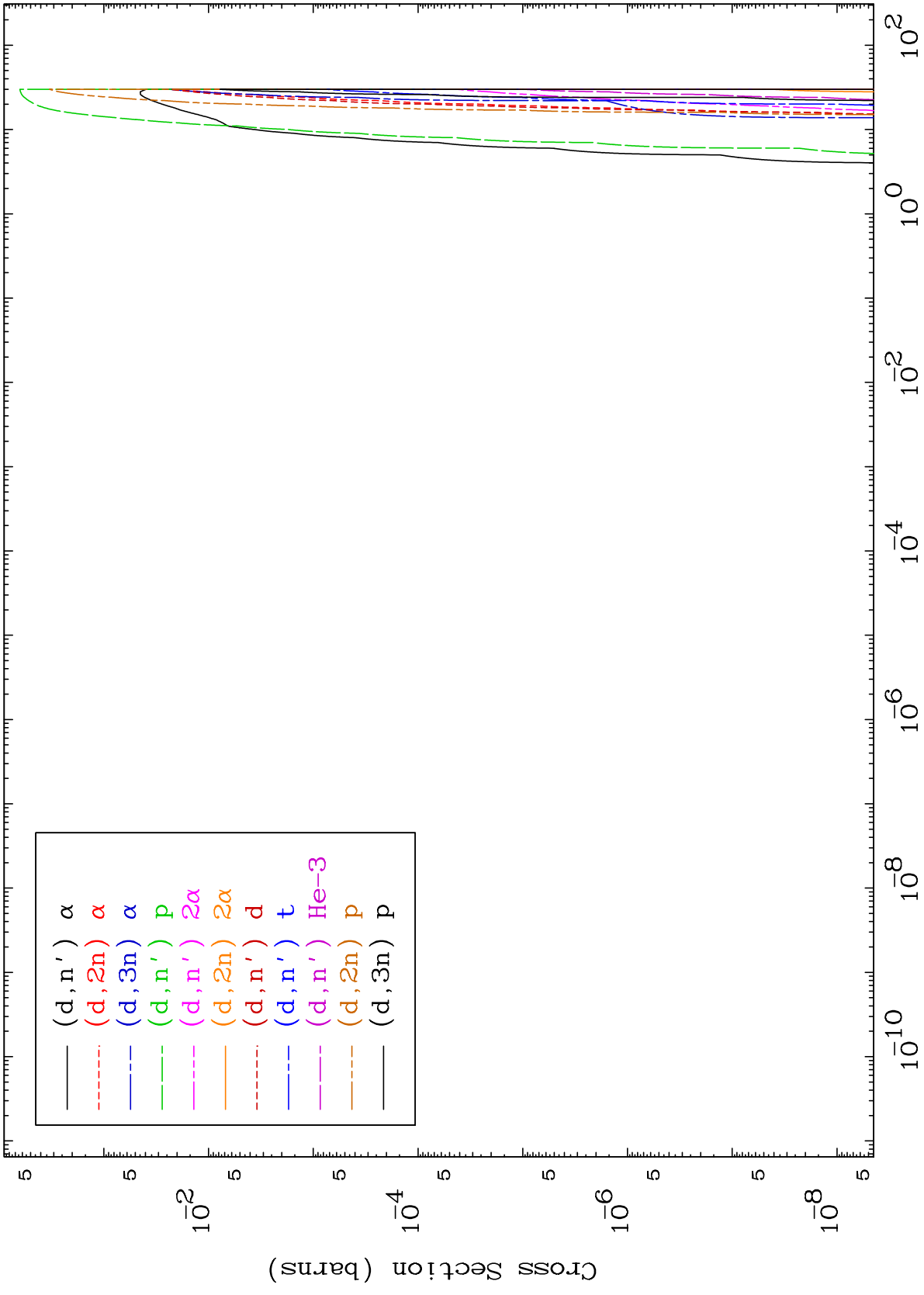
Deuteron Neutron Production
0 Kelvin Cross Sections

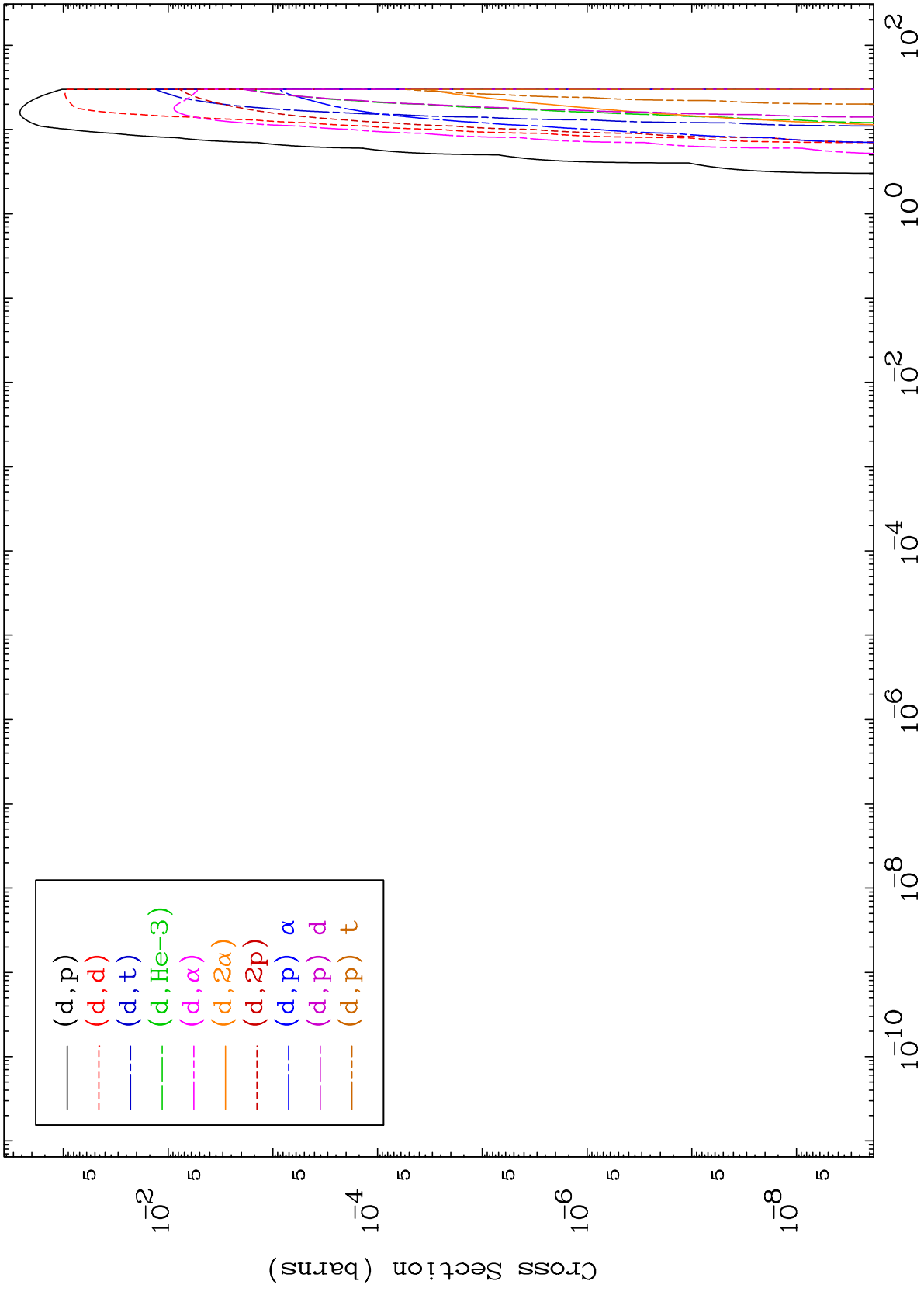
82-Pb-192



Incident Energy (MeV)

82-Pb-192

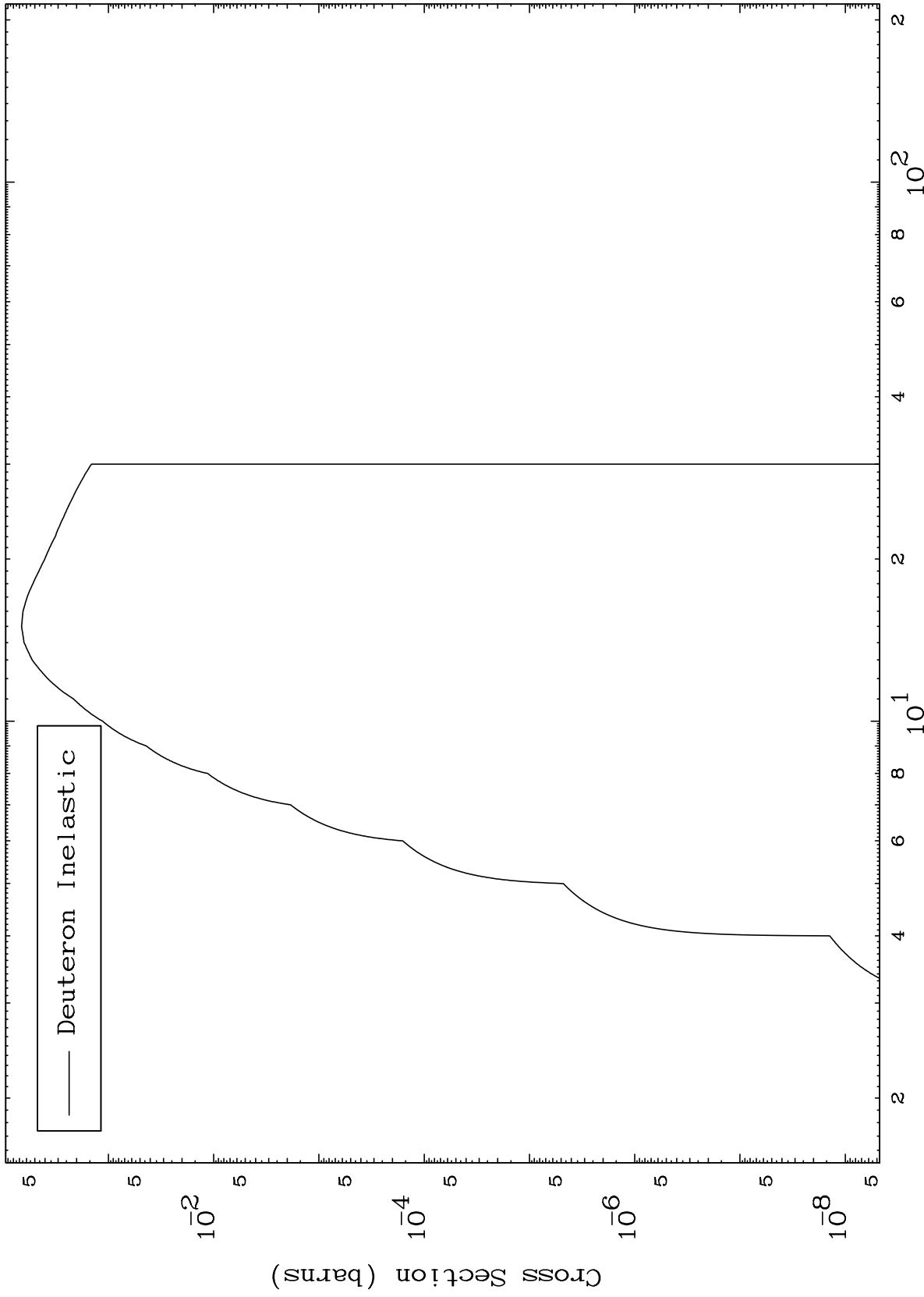




MAT 8189

(d,n') Level
0 Kelvin Cross Sections

82-Pb-192



6

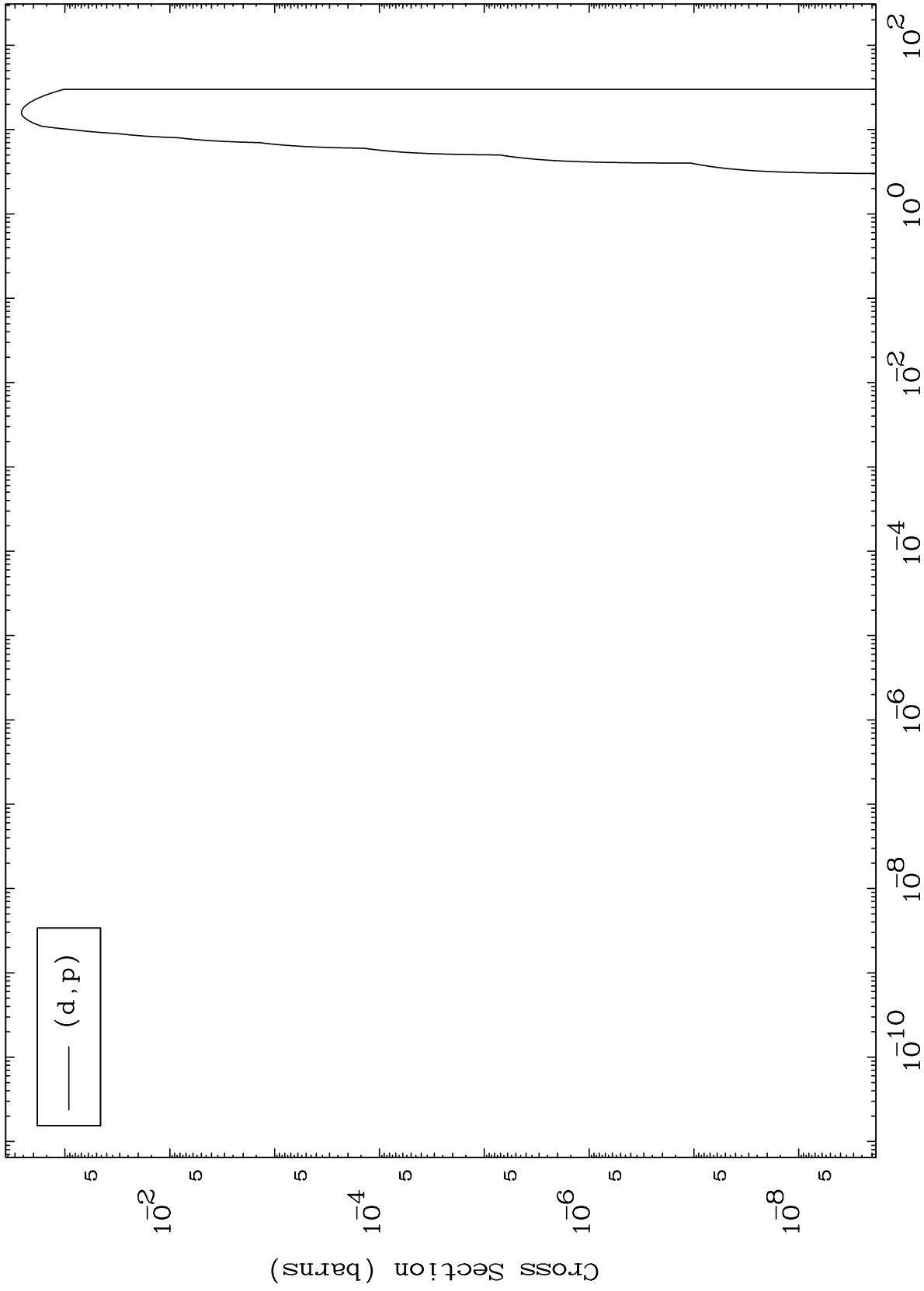
Incident Energy (MeV)

82-Pb-192

MAT 8189

(d,p) Levels
0 Kelvin Cross Sections

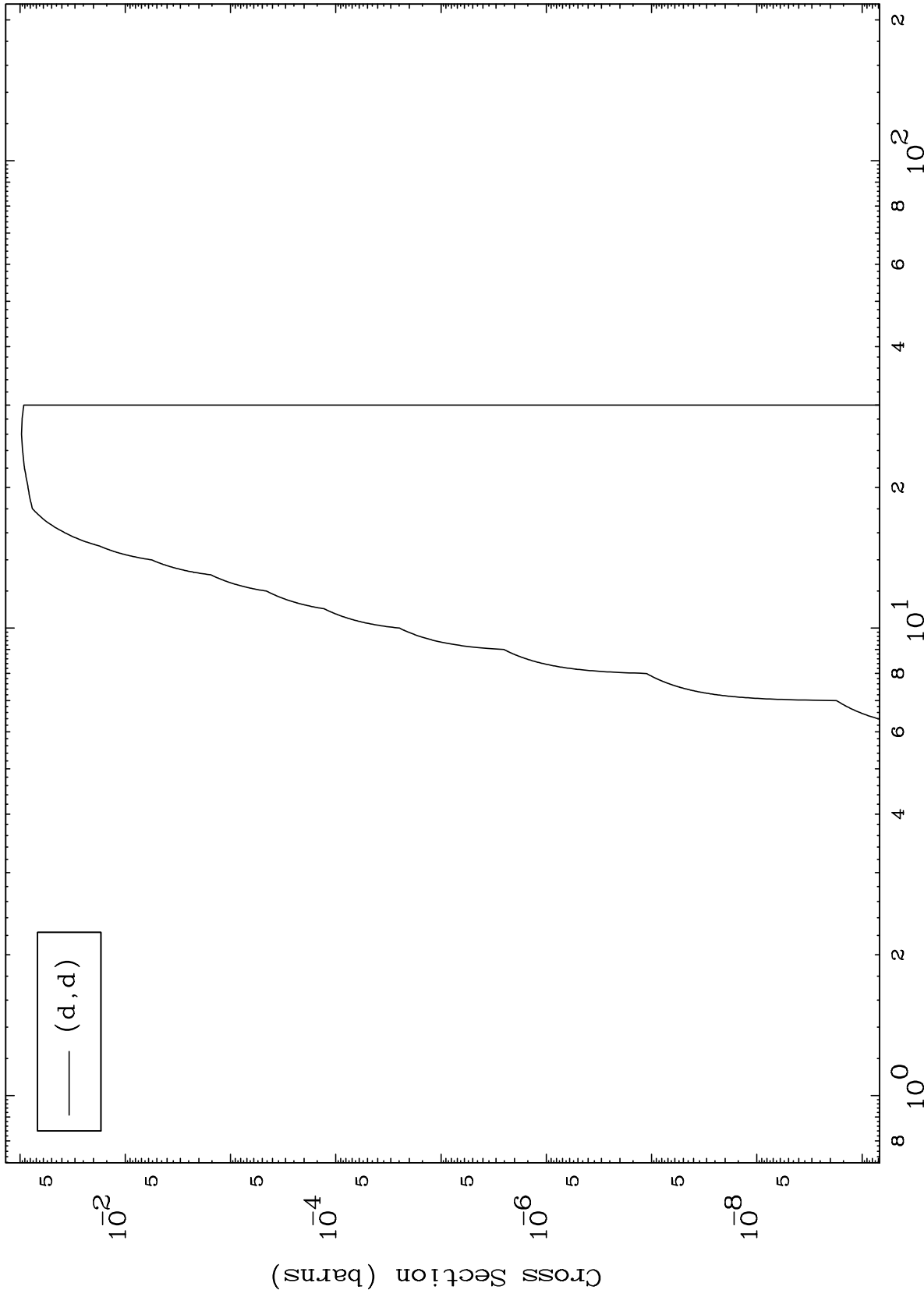
82-Pb-192



MAT 8189

(d,d) Levels
0 Kelvin Cross Sections

82-Pb-192



8

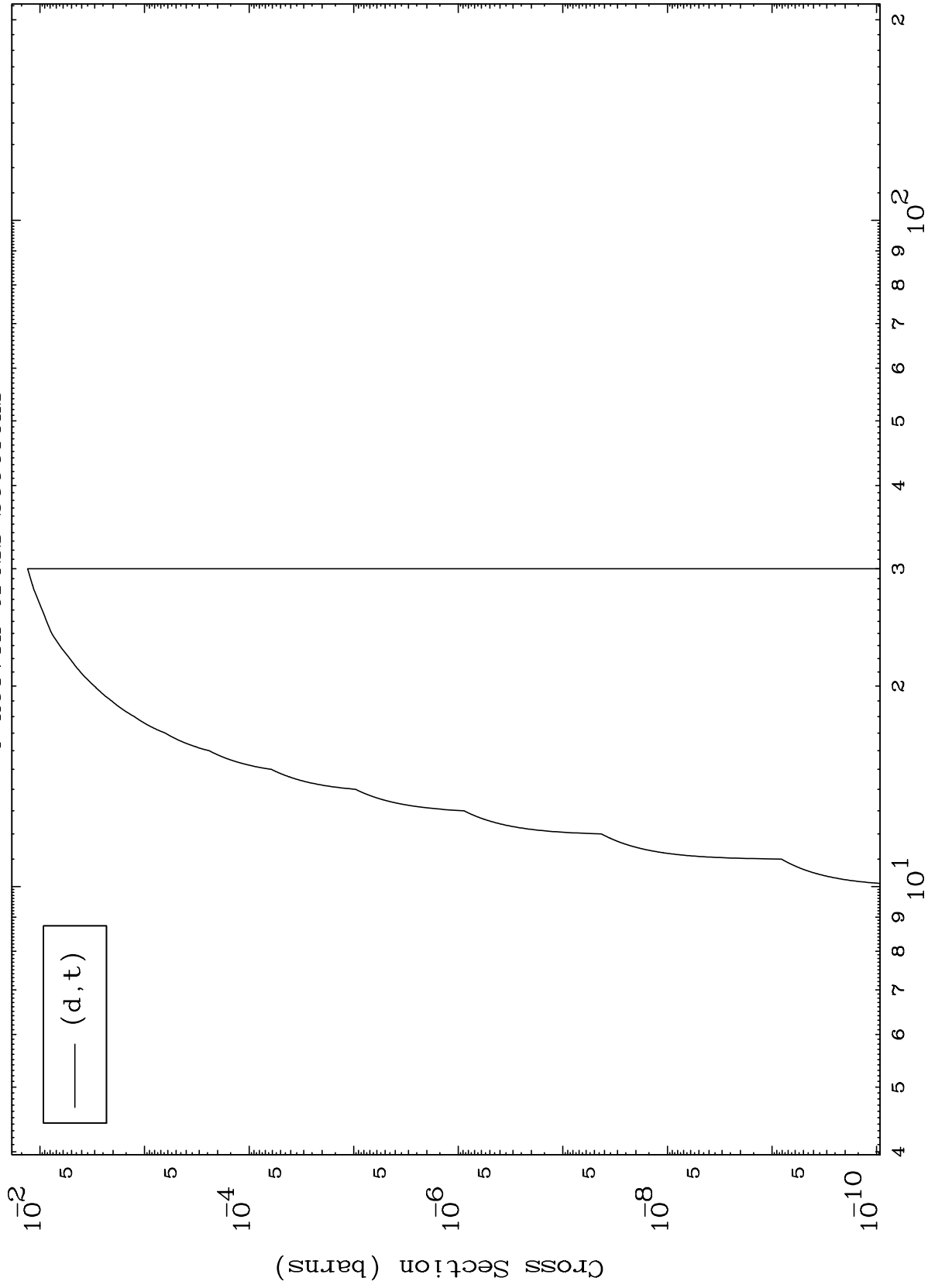
Incident Energy (MeV)

82-Pb-192

MAT 8189

(d,t) Levels
0 Kelvin Cross Sections

82-Pb-192



9

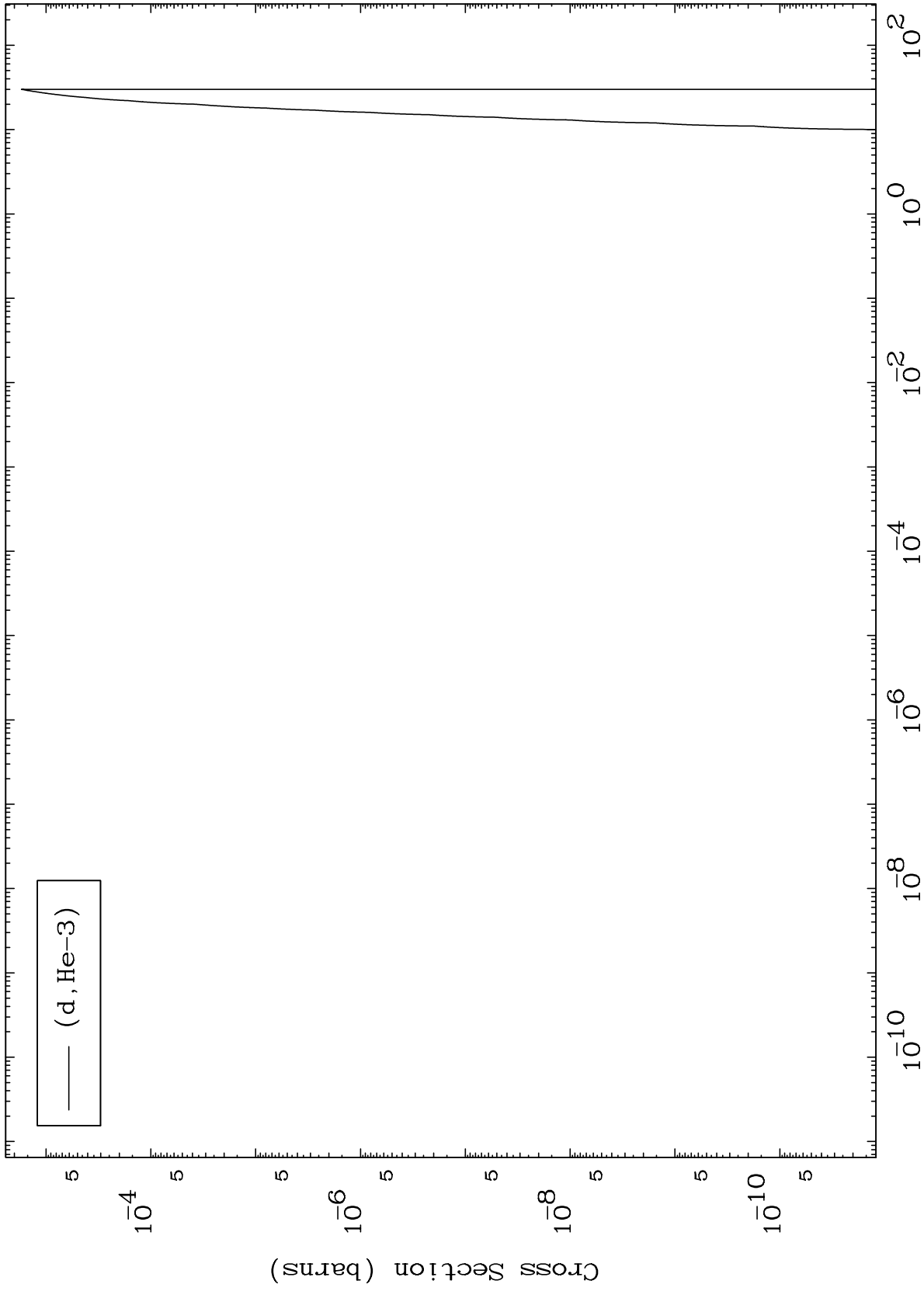
Incident Energy (MeV)

82-Pb-192

MAT 8189

(d,He3) Levels
0 Kelvin Cross Sections

82-Pb-192



10

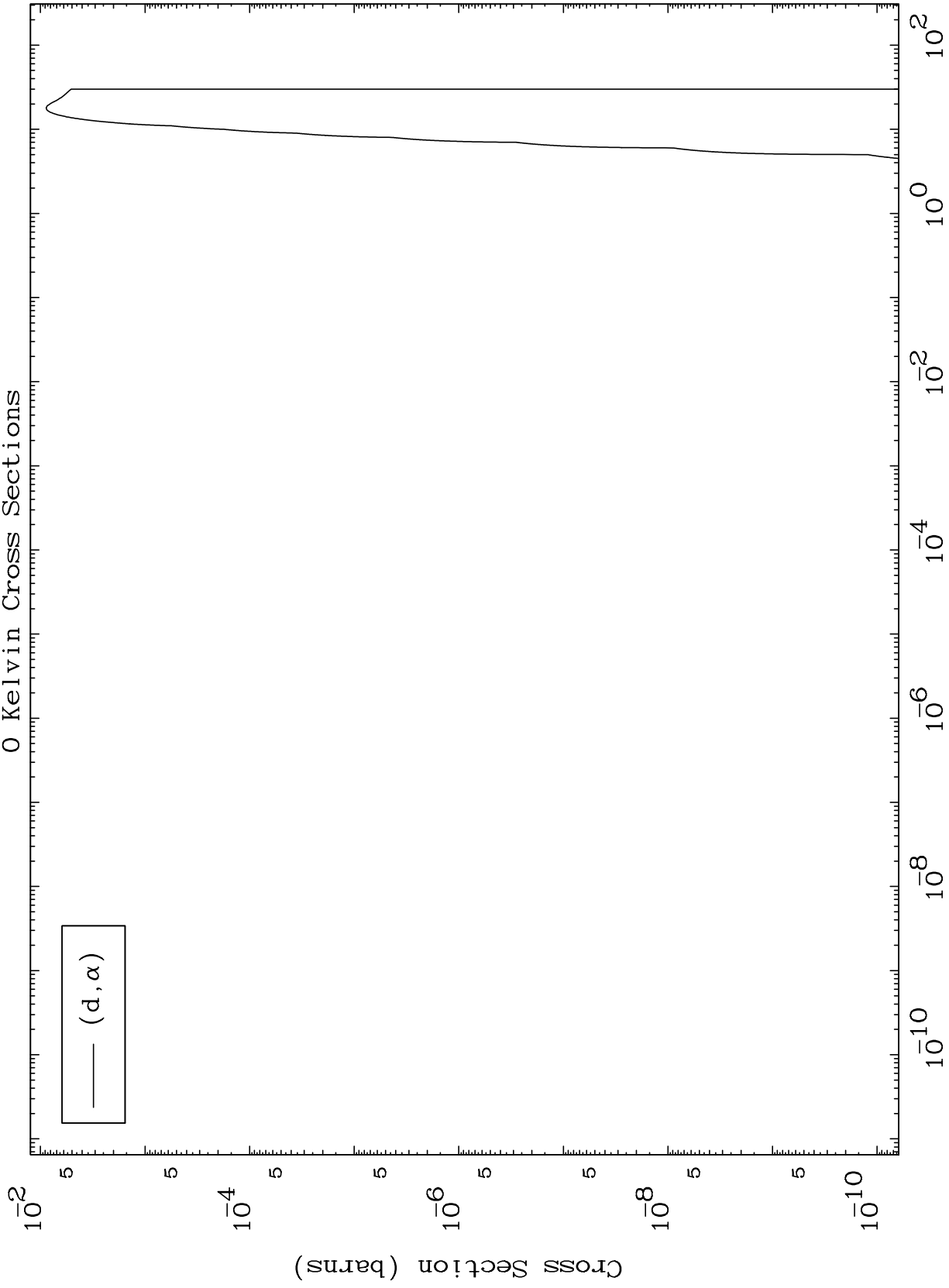
Incident Energy (MeV)

82-Pb-192

MAT 8189

(d, α) Levels
0 Kelvin Cross Sections

82-Pb-192



11

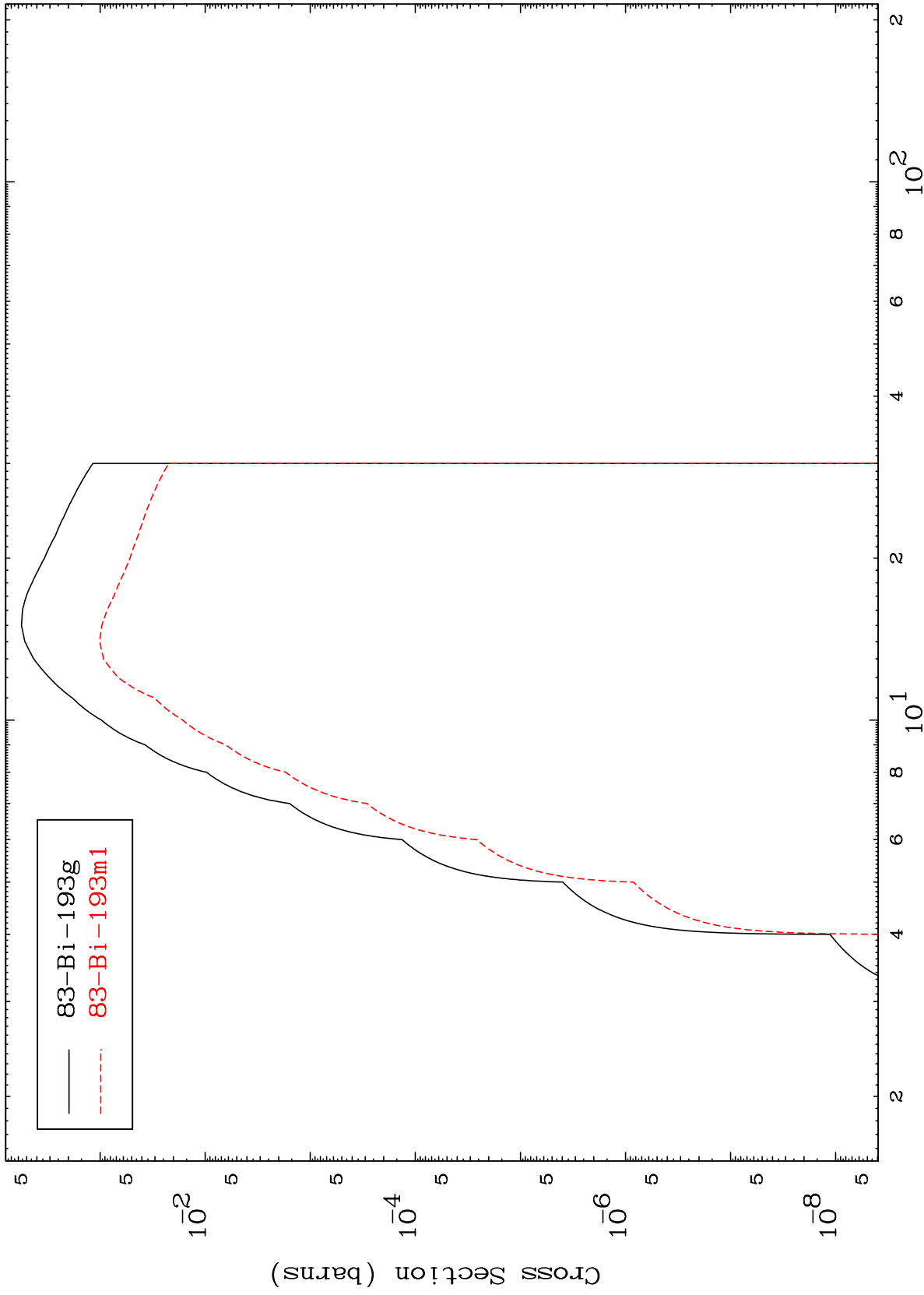
Incident Energy (MeV)

82-Pb-192

MAT 8189

Deuteron Inelastic
Radionuclide Production Cross Section

82-Pb-192



12

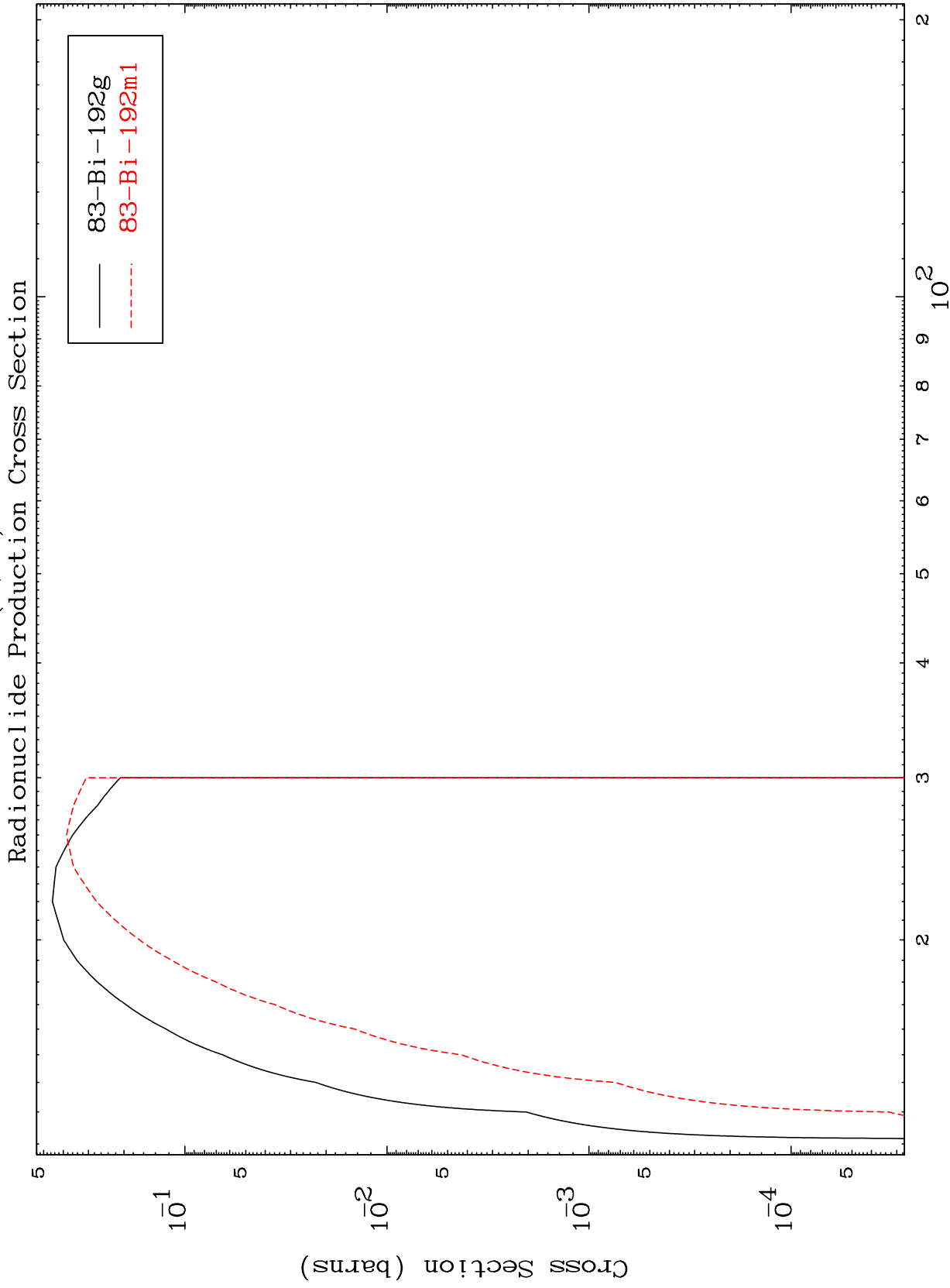
Incident Energy (MeV)

82-Pb-192

MAT 8189

(d,2n)

82-Pb-192



13

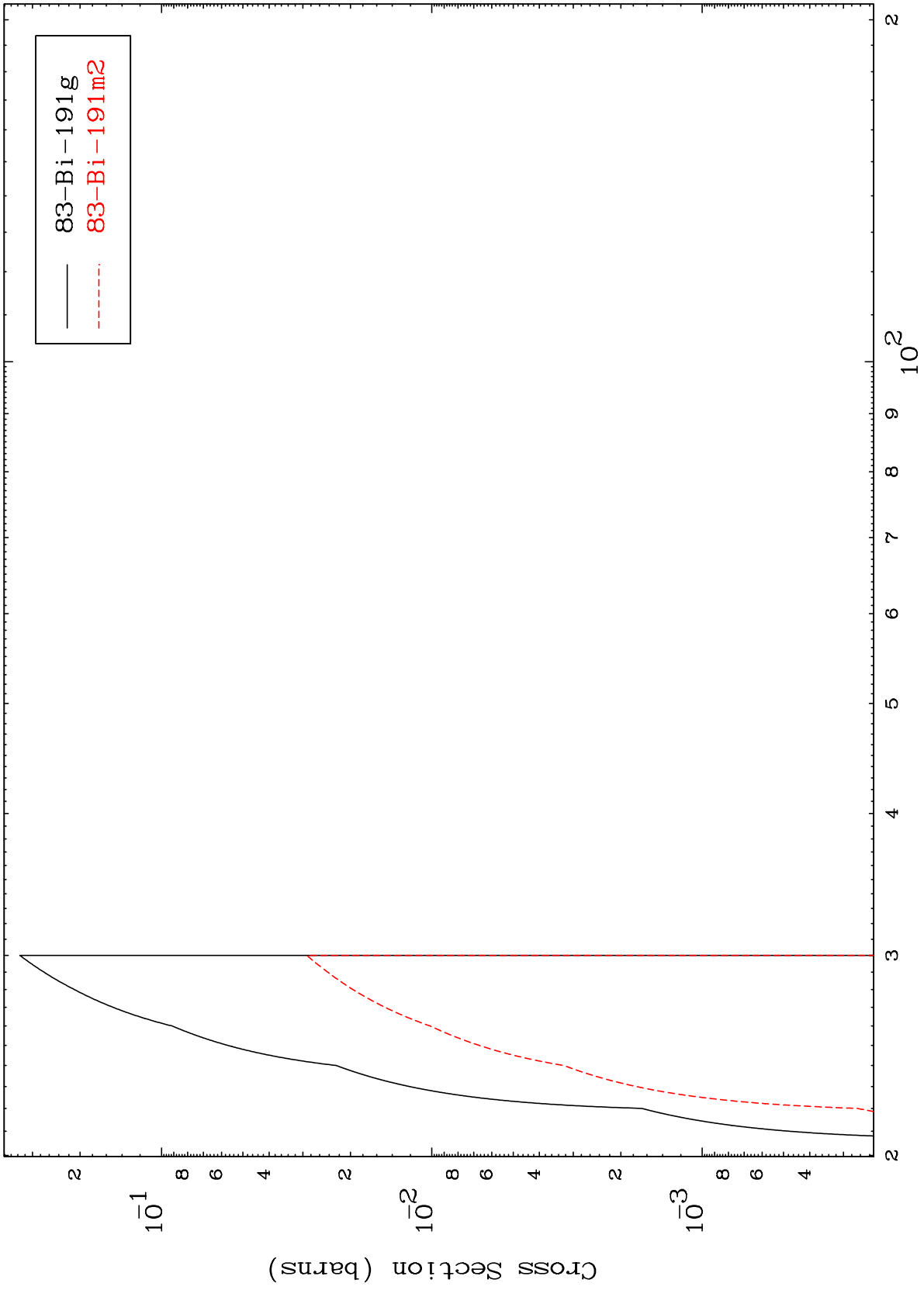
Incident Energy (MeV)

82-Pb-192

MAT 8189

82-Pb-192

(d,3n)
Radionuclide Production Cross Section



14

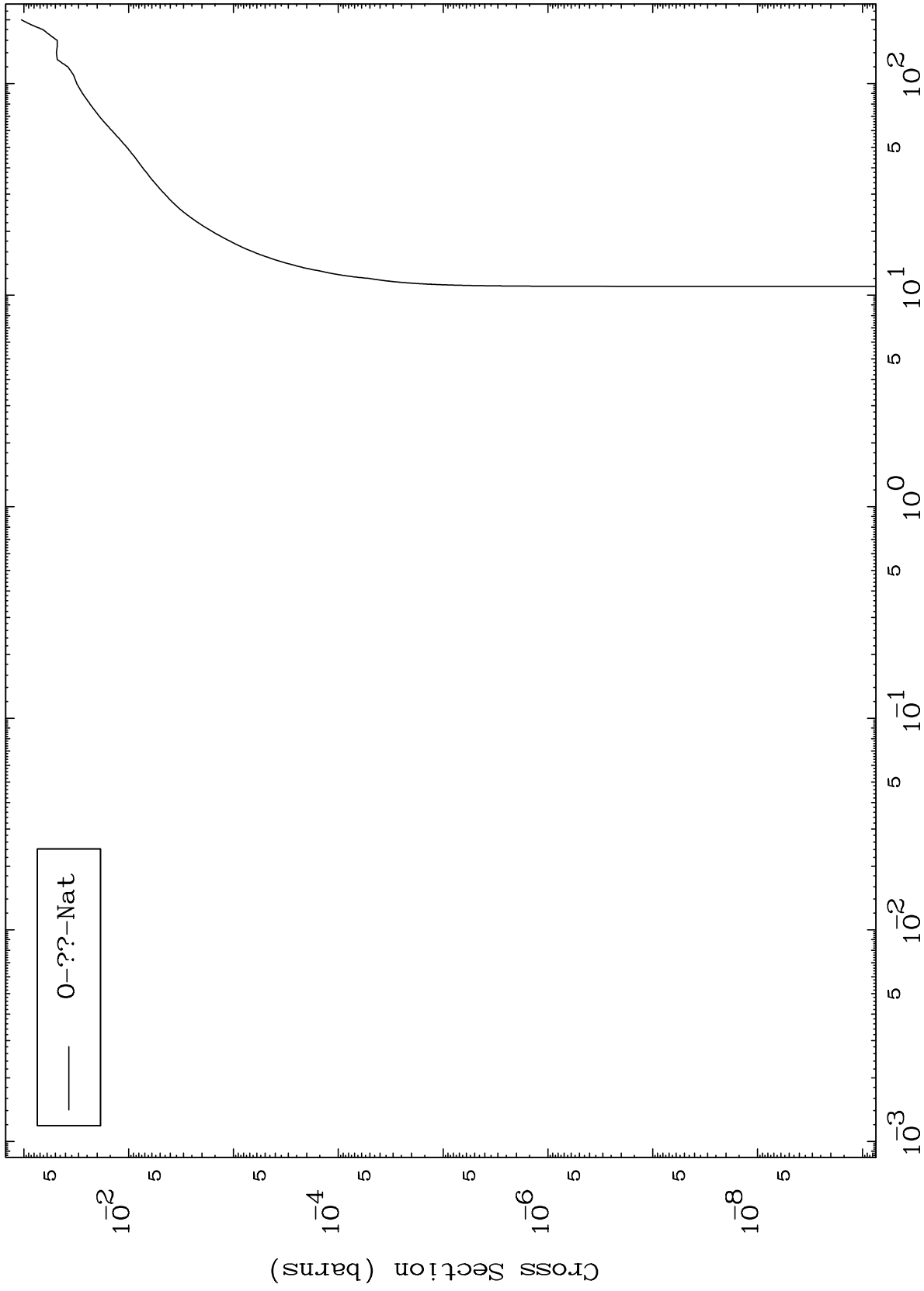
Incident Energy (MeV)

82-Pb-192

MAT 8189

Deuteron Fission
Radionuclide Production Cross Section

82-Pb-192



15

Incident Energy (MeV)

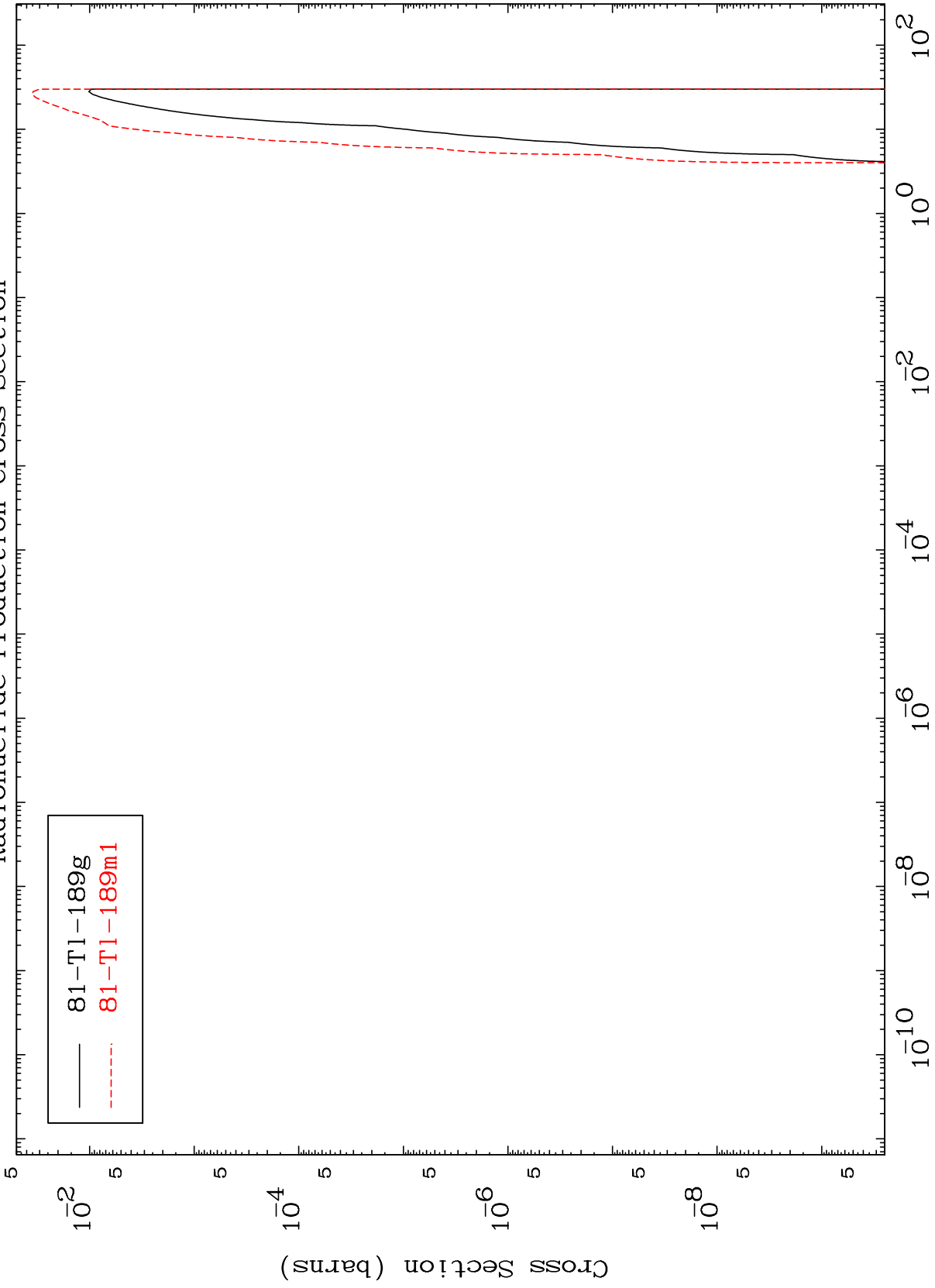
82-Pb-192

MAT 8189

(d,n') α

82-Pb-192

Radionuclide Production Cross Section



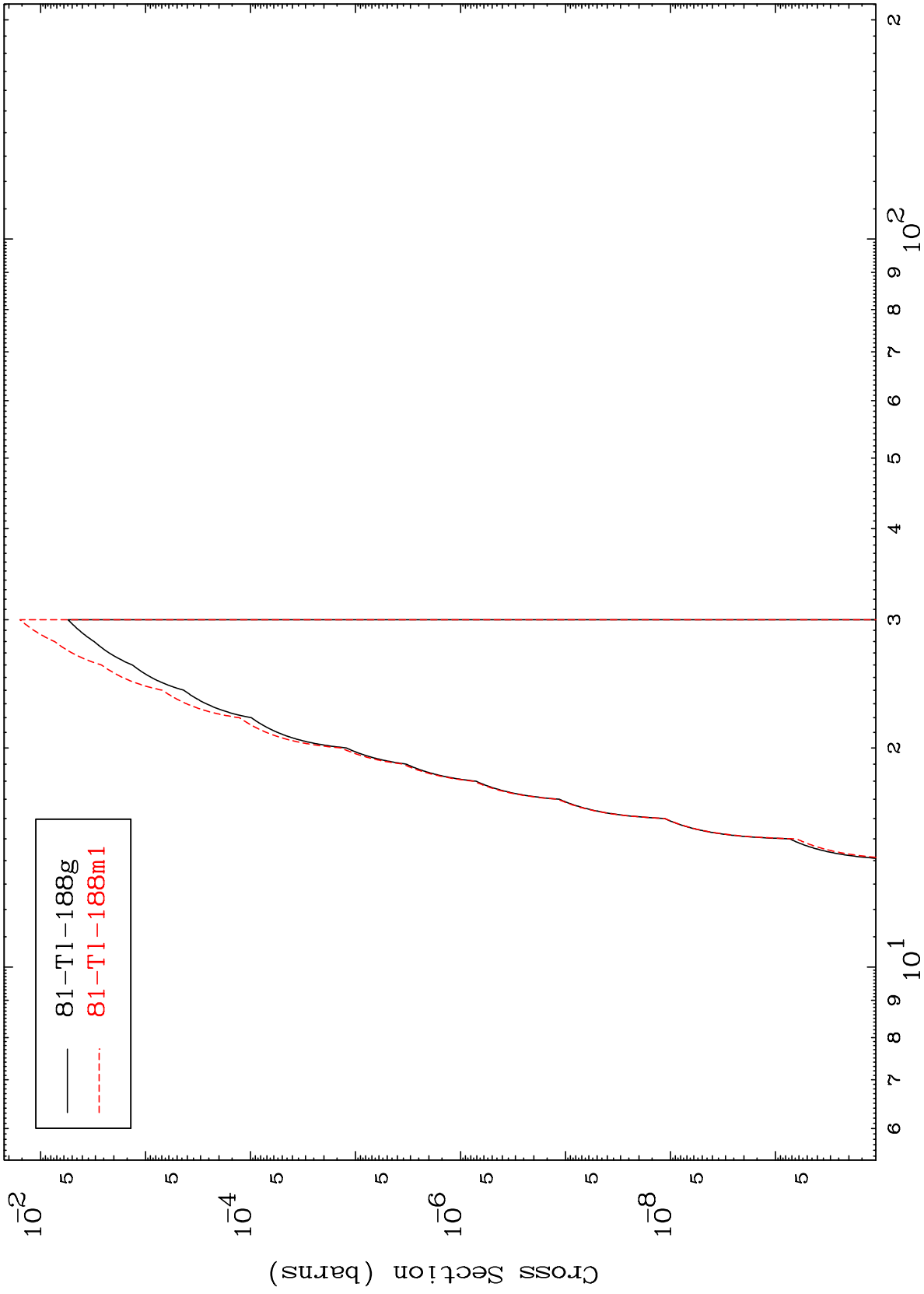
81-Tl-189g
81-Tl-189m1

MAT 8189

(d,2n) α

82-Pb-192

Radionuclide Production Cross Section



17

Incident Energy (MeV)

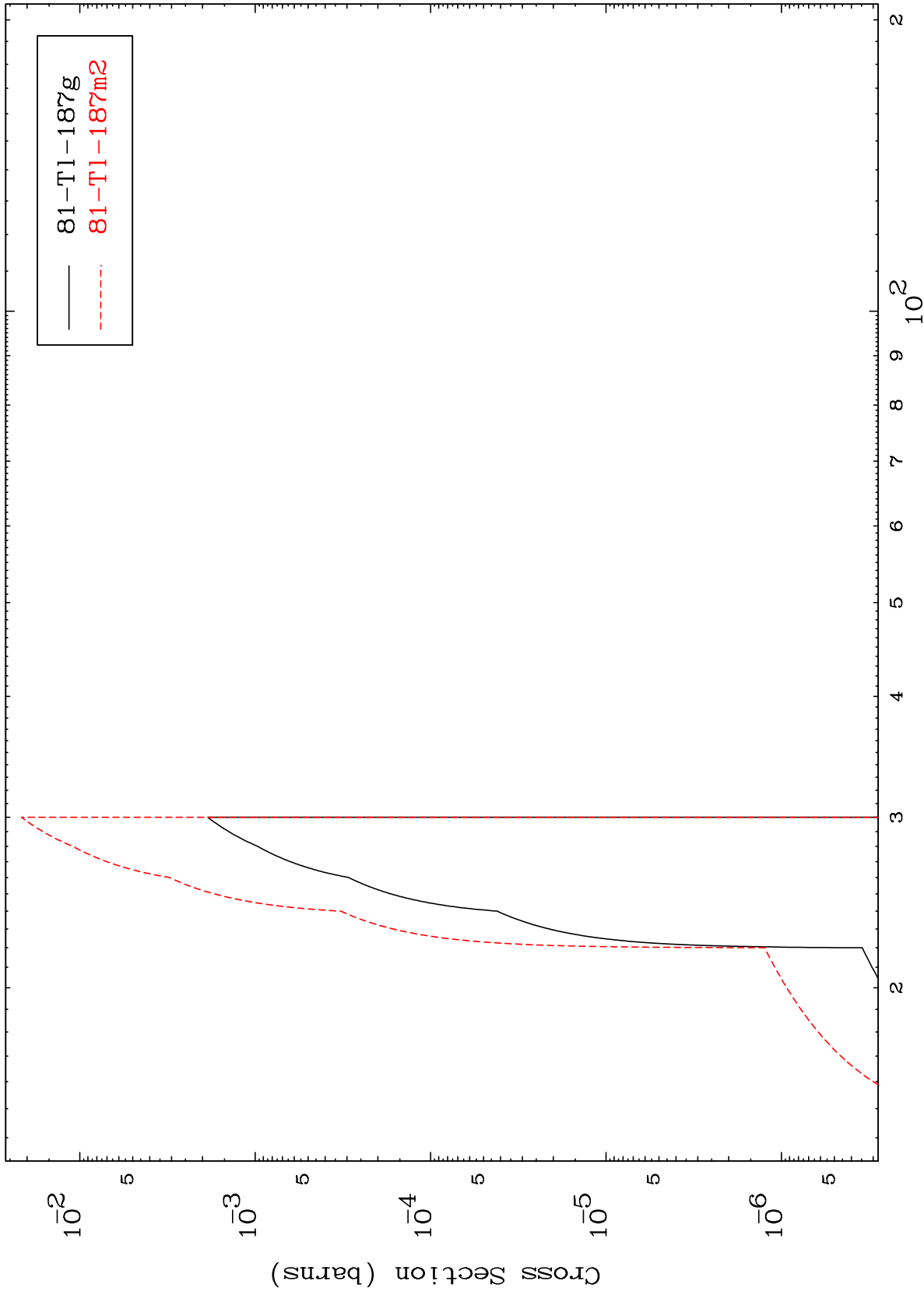
82-Pb-192

MAT 8189

(d,3n) α

82-Pb-192

Radionuclide Production Cross Section



18

Incident Energy (MeV)

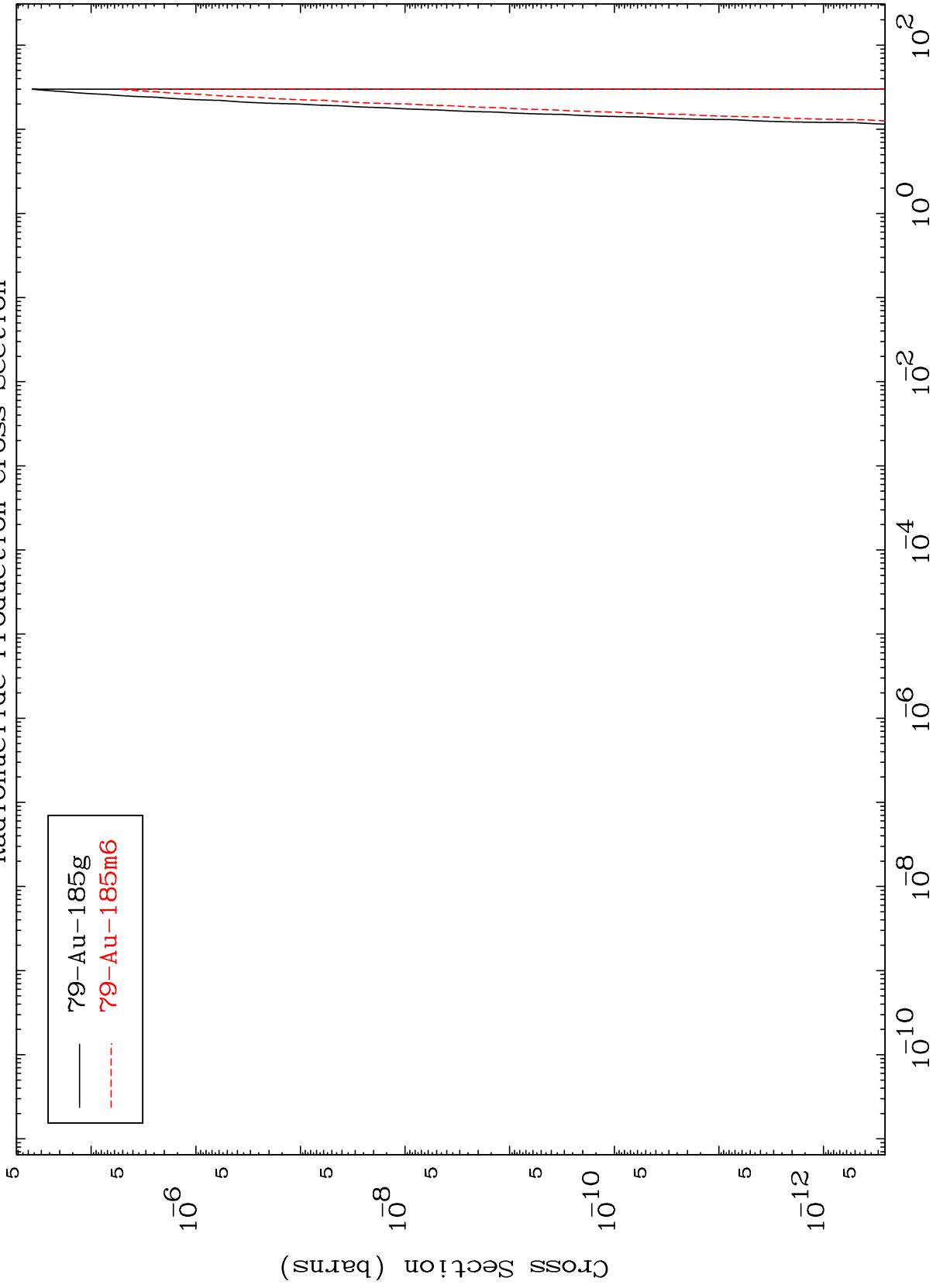
82-Pb-192

MAT 8189

(d,n') 2 α

82-Pb-192

Radionuclide Production Cross Section



19

Incident Energy (MeV)

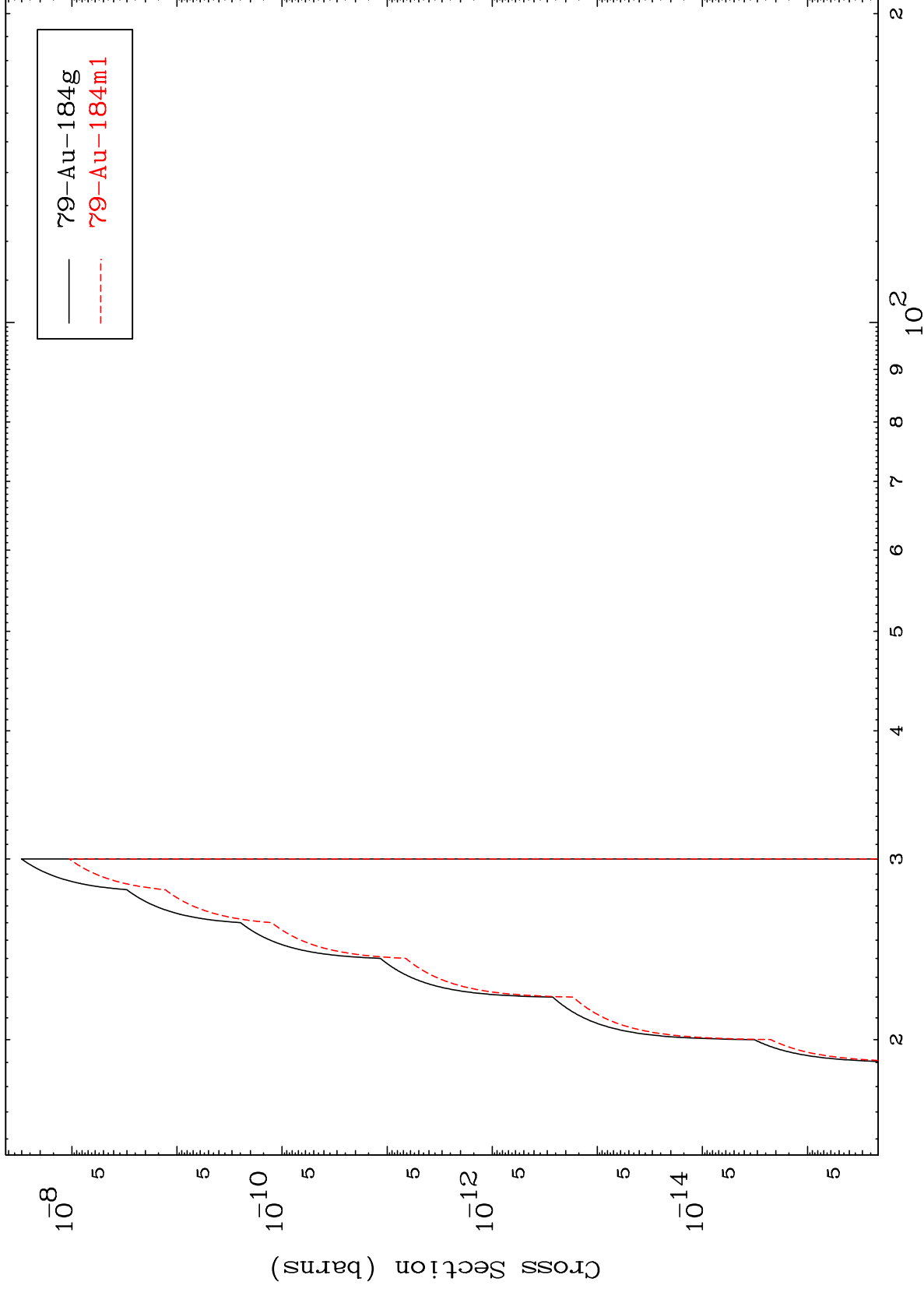
82-Pb-192

MAT 8189

(d,2n) 2 α

82-Pb-192

Radionuclide Production Cross Section



20

Incident Energy (MeV)

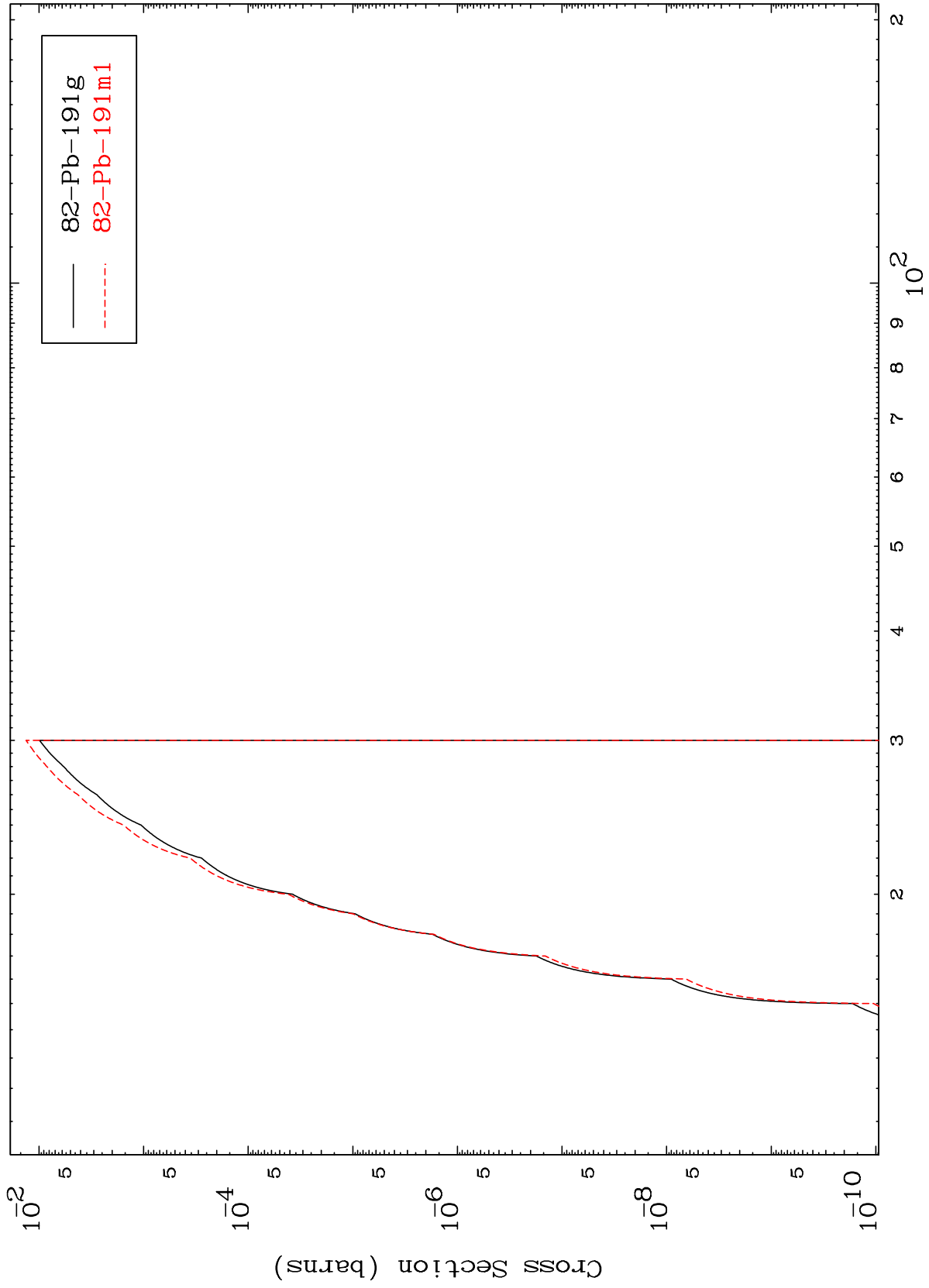
82-Pb-192

MAT 8189

(d,n') d

⁸²Pb-192

Radionuclide Production Cross Section



21

Incident Energy (MeV)

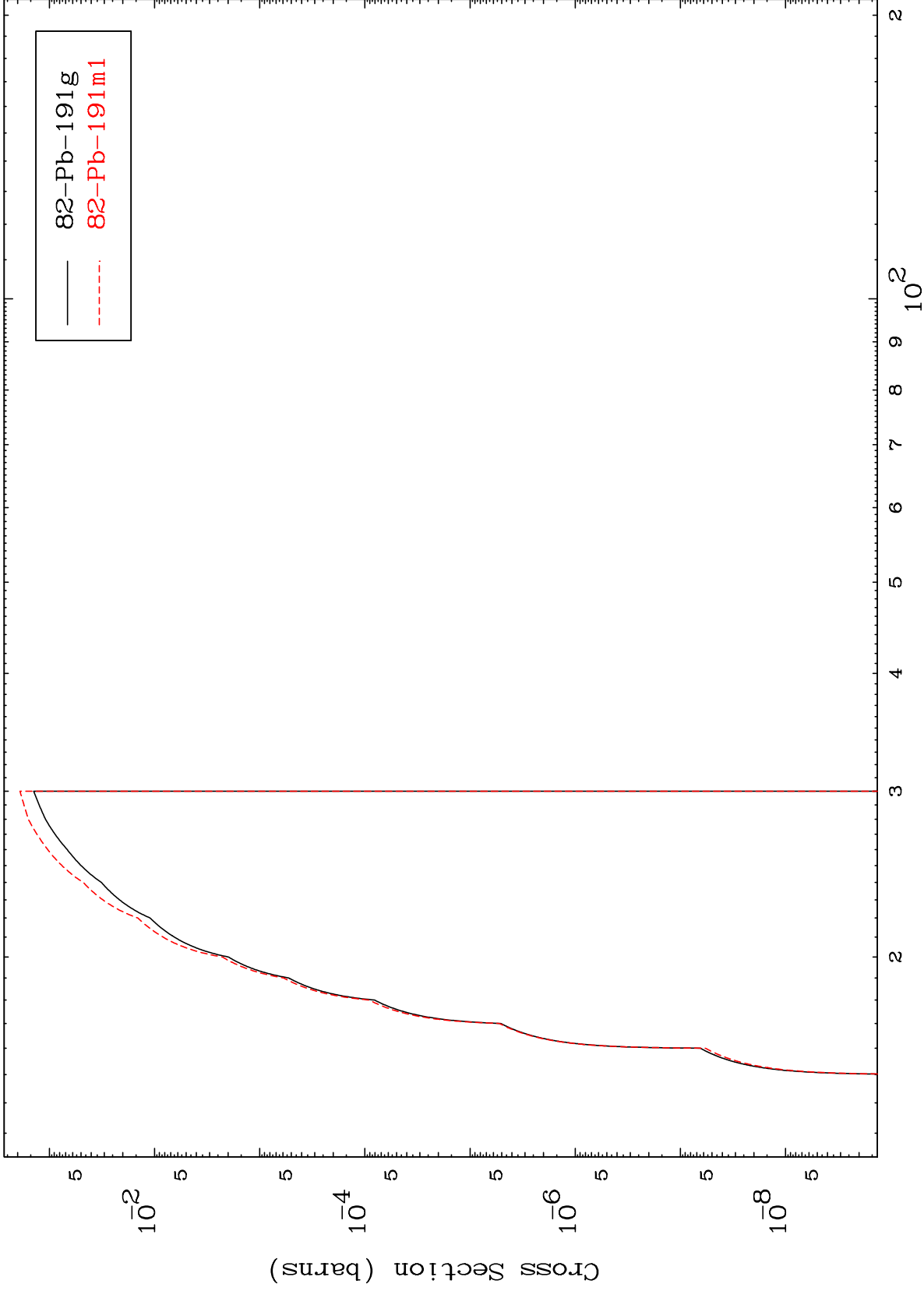
⁸²Pb-192

MAT 8189

(d,2n) p

82-Pb-192

Radionuclide Production Cross Section



22

Incident Energy (MeV)

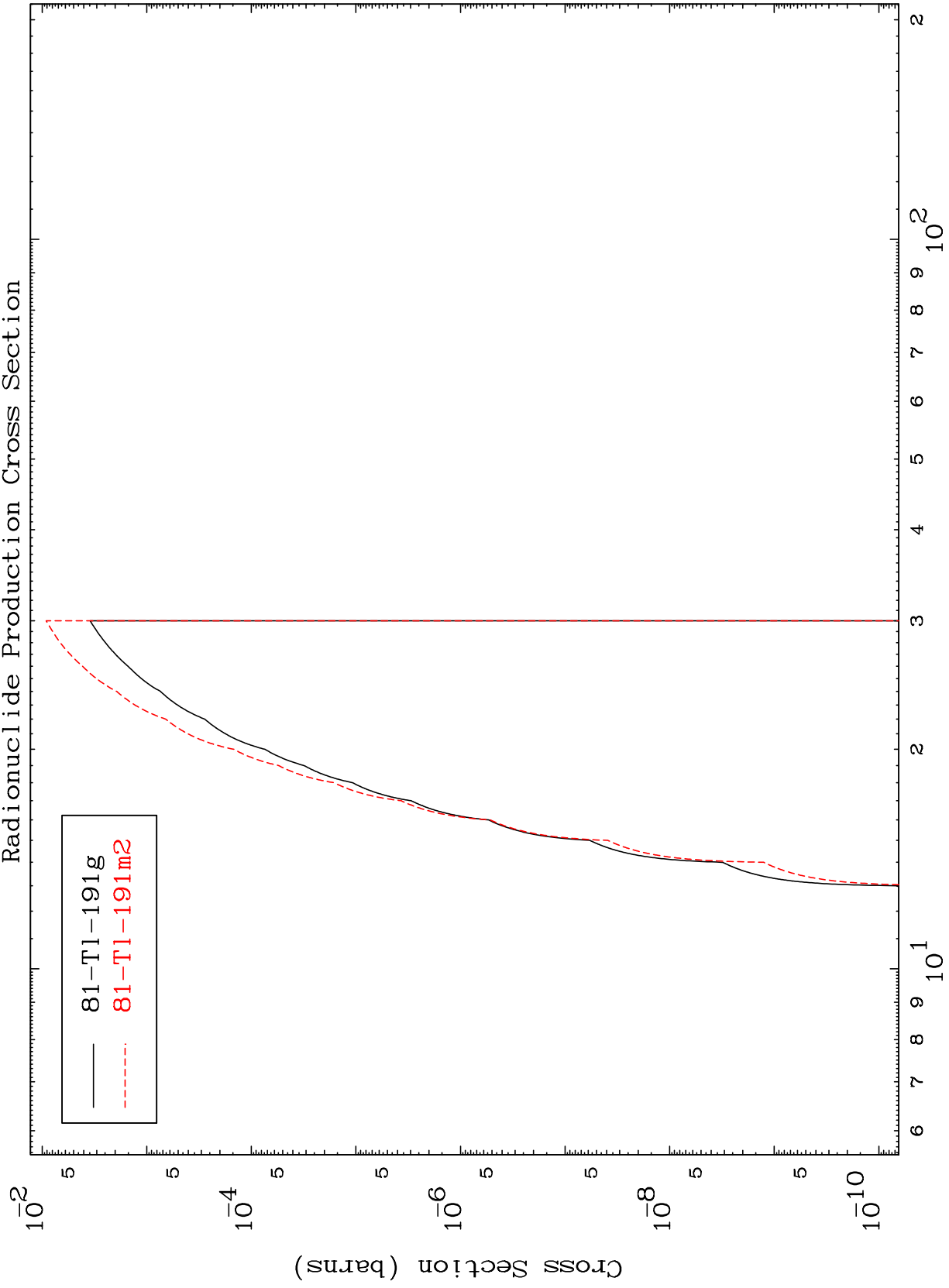
82-Pb-192

MAT 8189

(d,2n) p

82-Pb-192

Radionuclide Production Cross Section



23

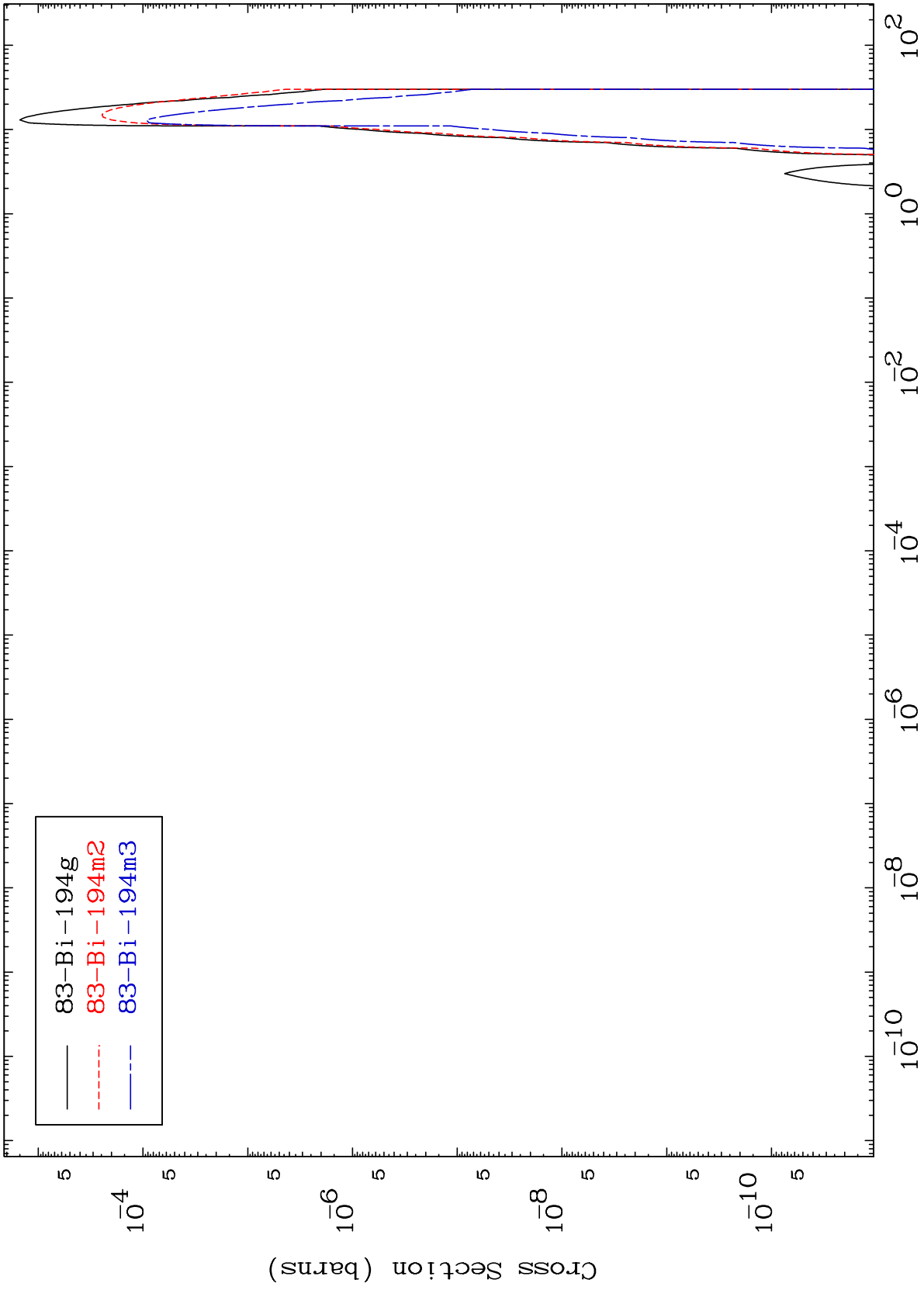
Incident Energy (MeV)

82-Pb-192

MAT 8189

(d, γ)
Radionuclide Production Cross Section

⁸²Pb-192



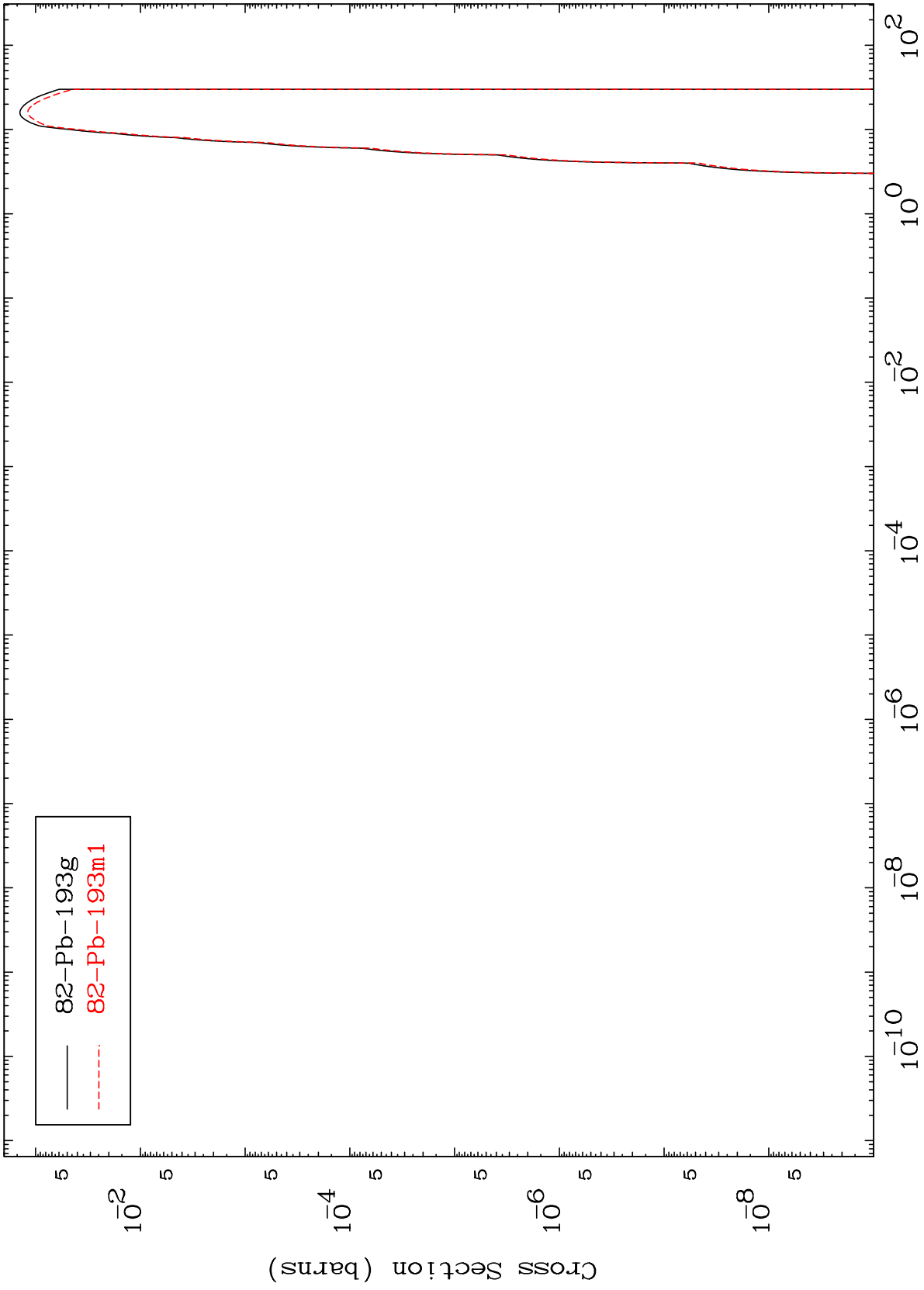
24

⁸²Pb-192

MAT 8189

(d,p)
Radionuclide Production Cross Section

82-Pb-192



25

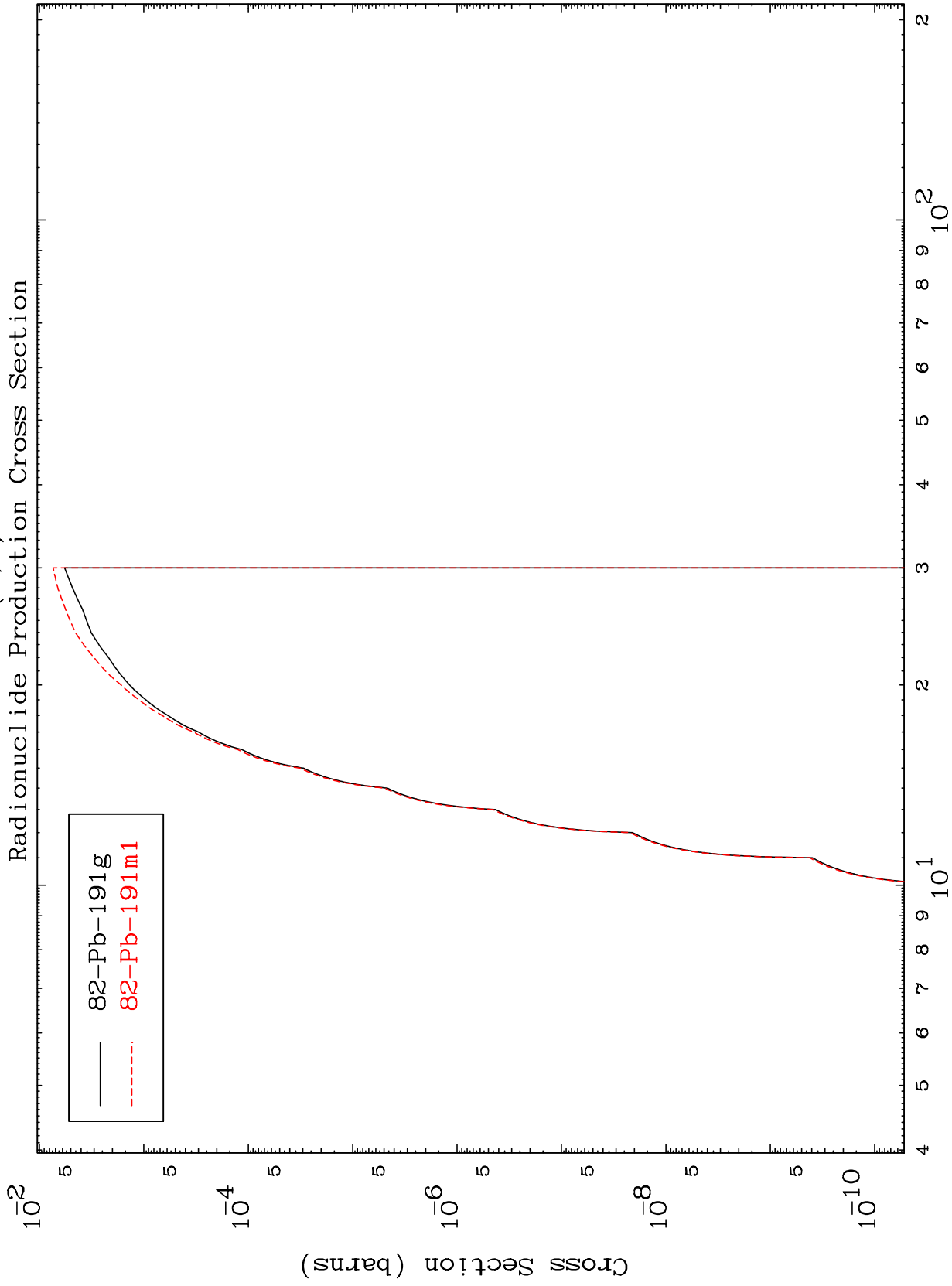
Incident Energy (MeV)

82-Pb-192

MAT 8189

82-Pb-192

(d, t)
Radionuclide Production Cross Section



26

82-Pb-192

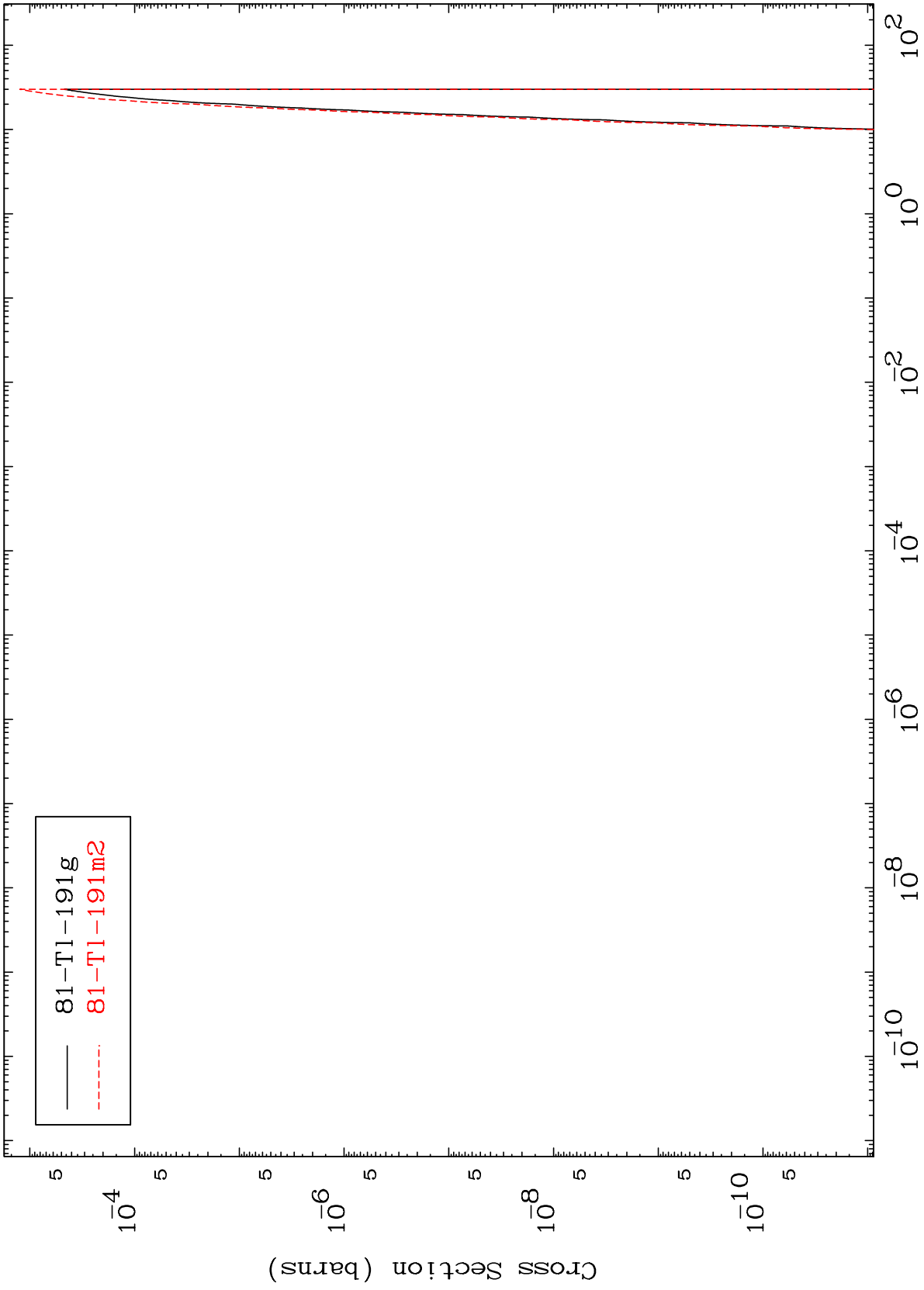
Incident Energy (MeV)

MAT 8189

(d, He-3)

82-Pb-192

Radionuclide Production Cross Section

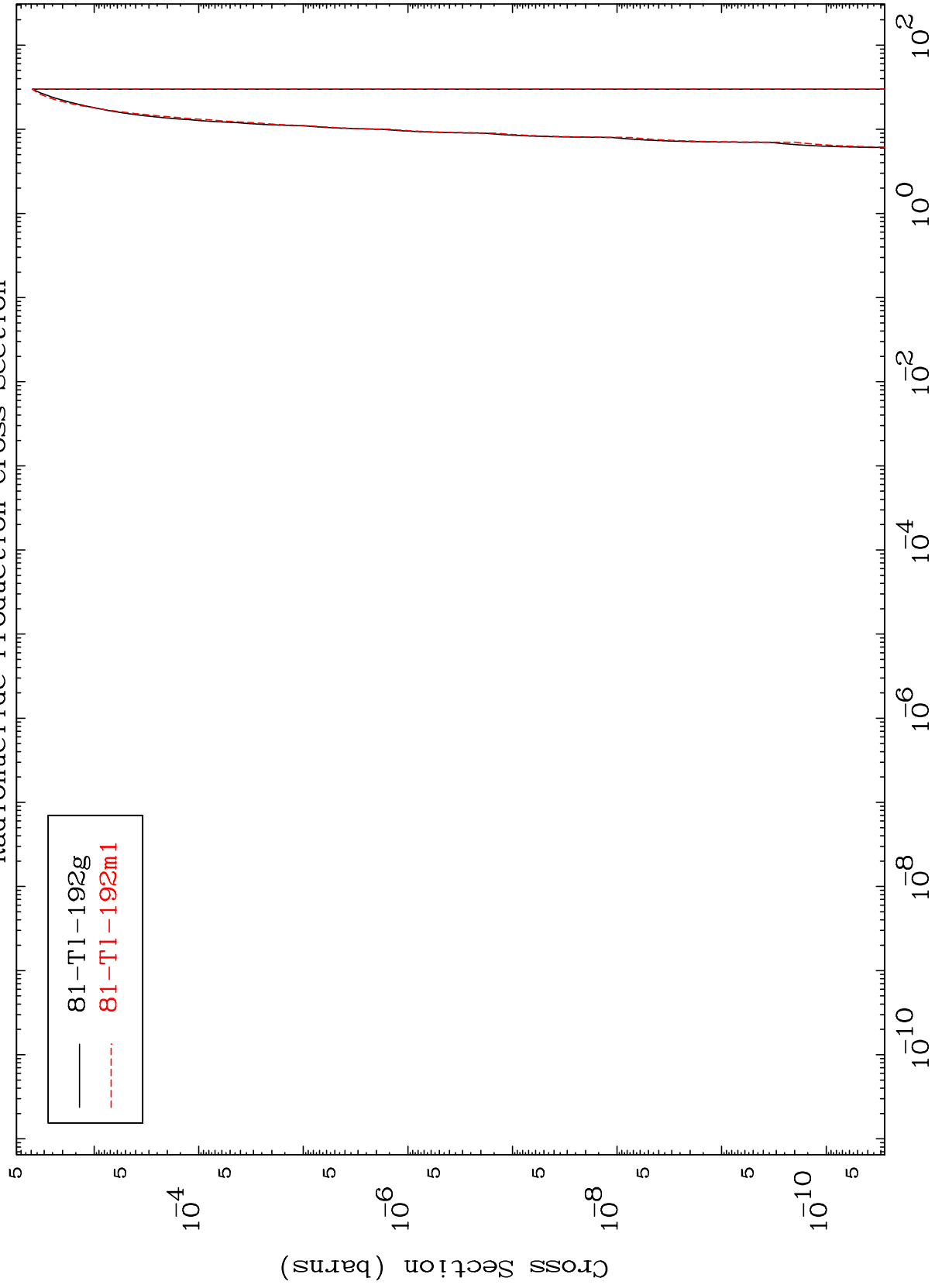


82-Pb-192

MAT 8189

(d,2p)
Radionuclide Production Cross Section

82-Pb-192



28

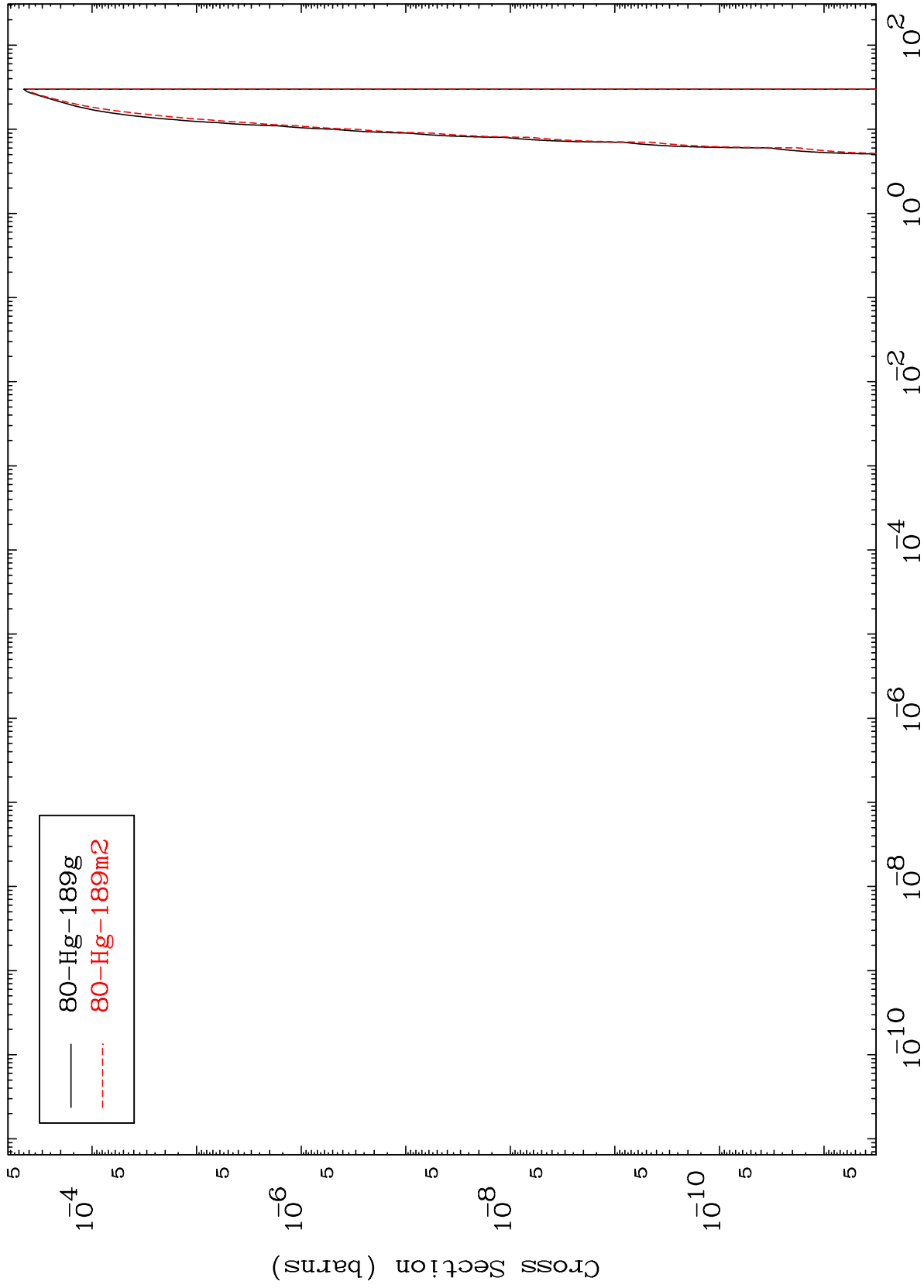
82-Pb-192

MAT 8189

(d,p) α

82-Pb-192

Radionuclide Production Cross Section

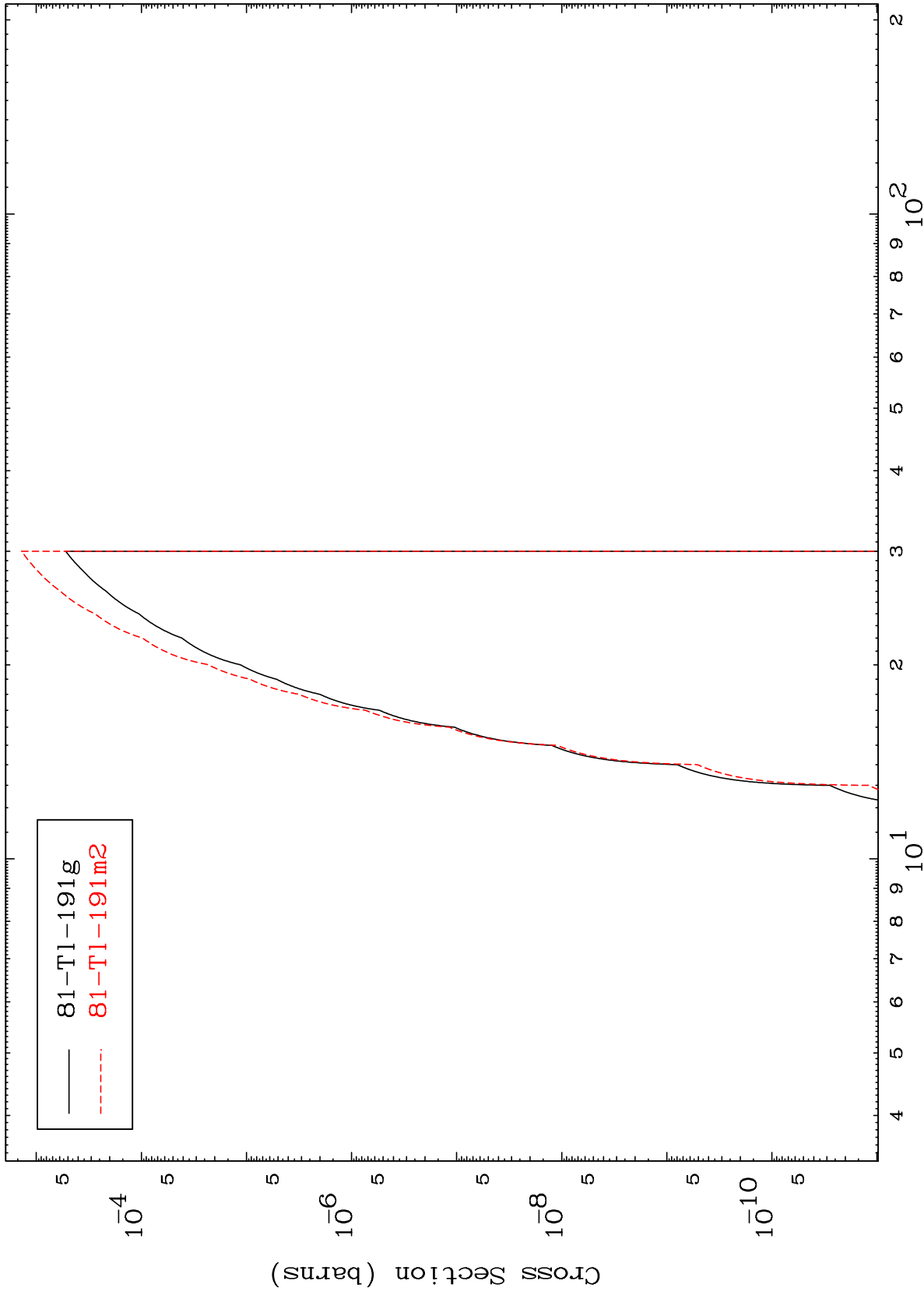


MAT 8189

(d,p) d

82-Pb-192

Radionuclide Production Cross Section



30

Incident Energy (MeV)

82-Pb-192