

Program EVALPLOT
(Version 2018-1)

by

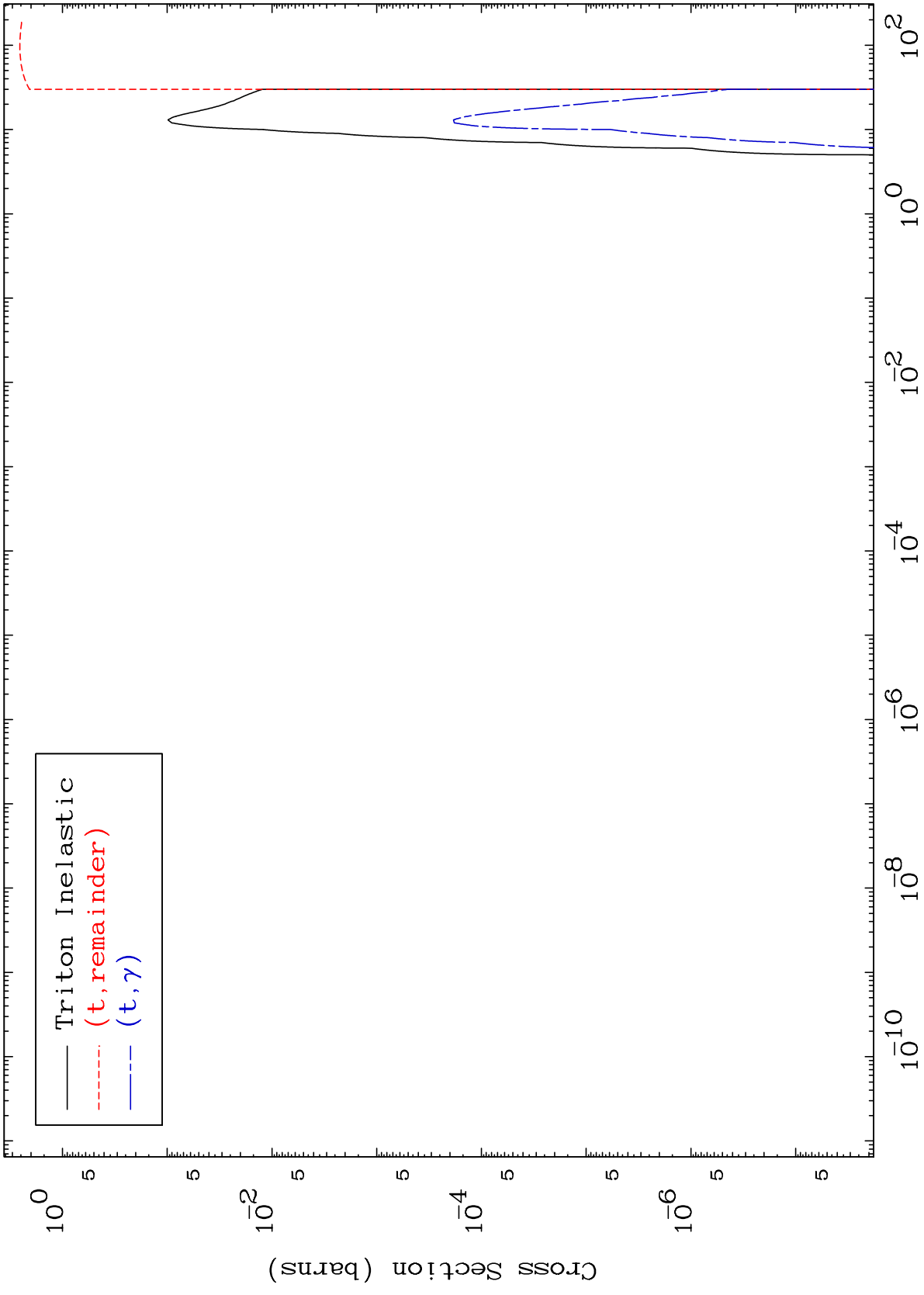
Dermott E. Cullen
(Present Contact Information)

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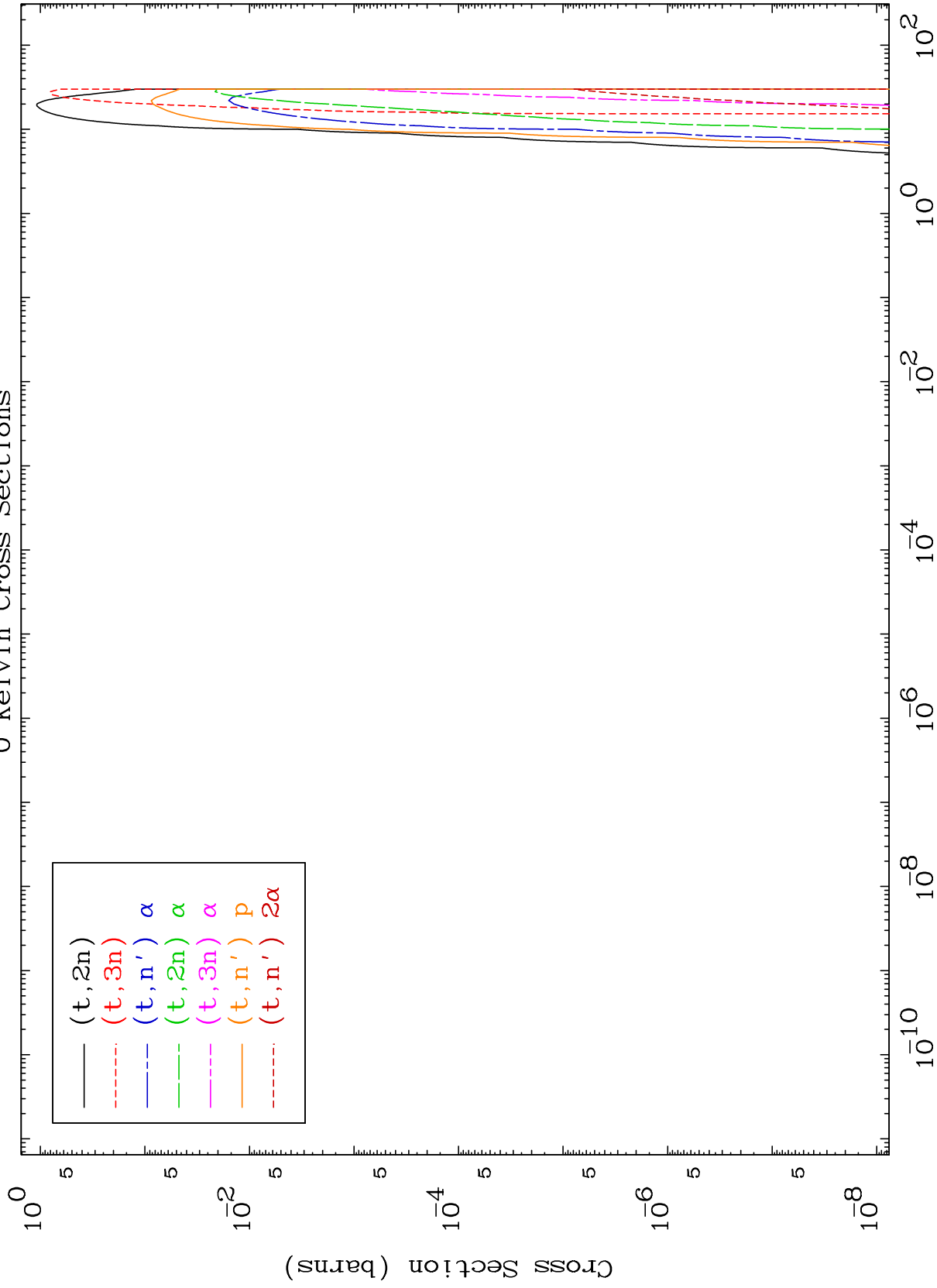
Press Mouse Button to Start



MAT 8290

Triton Neutron Production
0 Kelvin Cross Sections

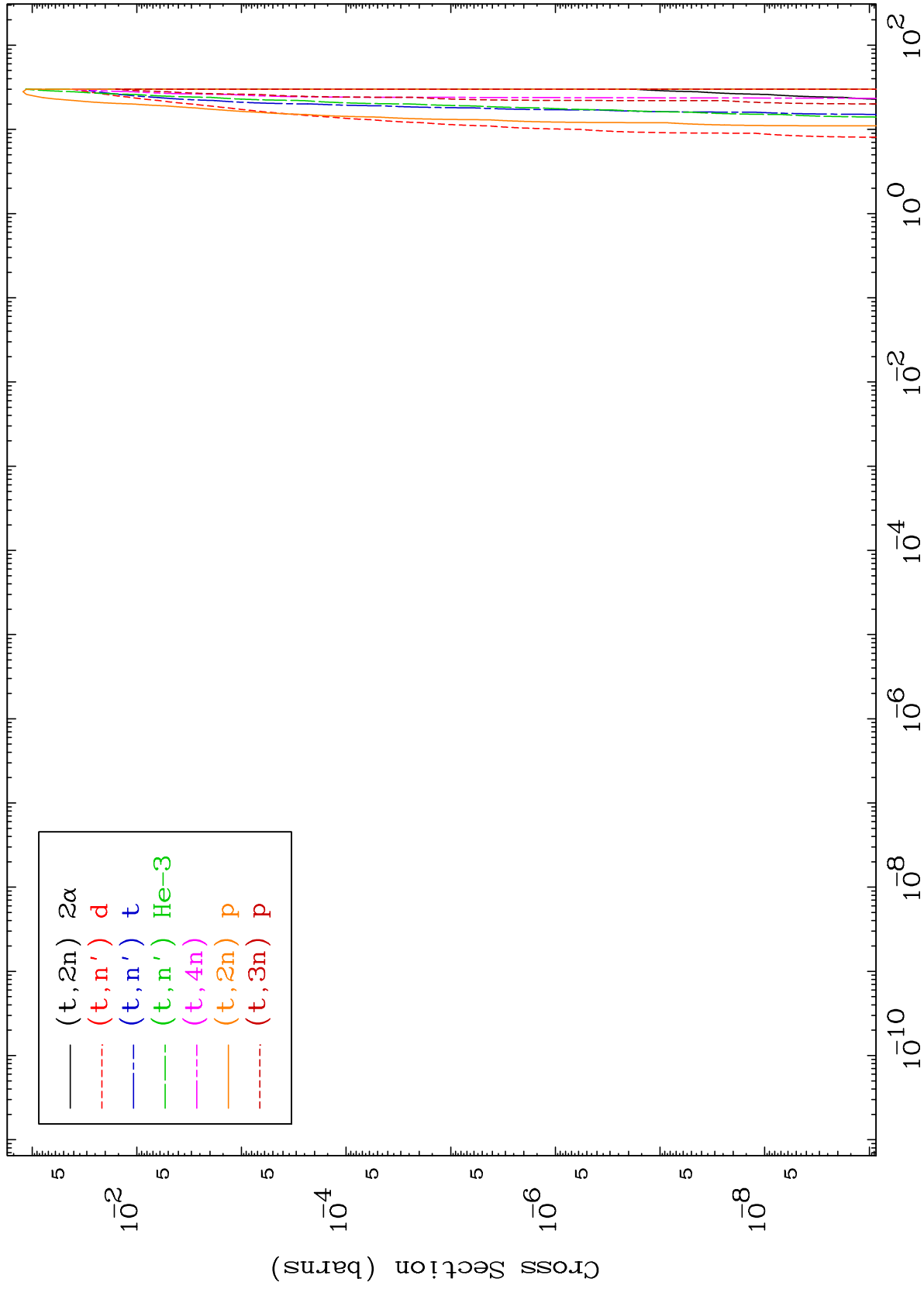
83-Bi-197



2

Incident Energy (MeV)

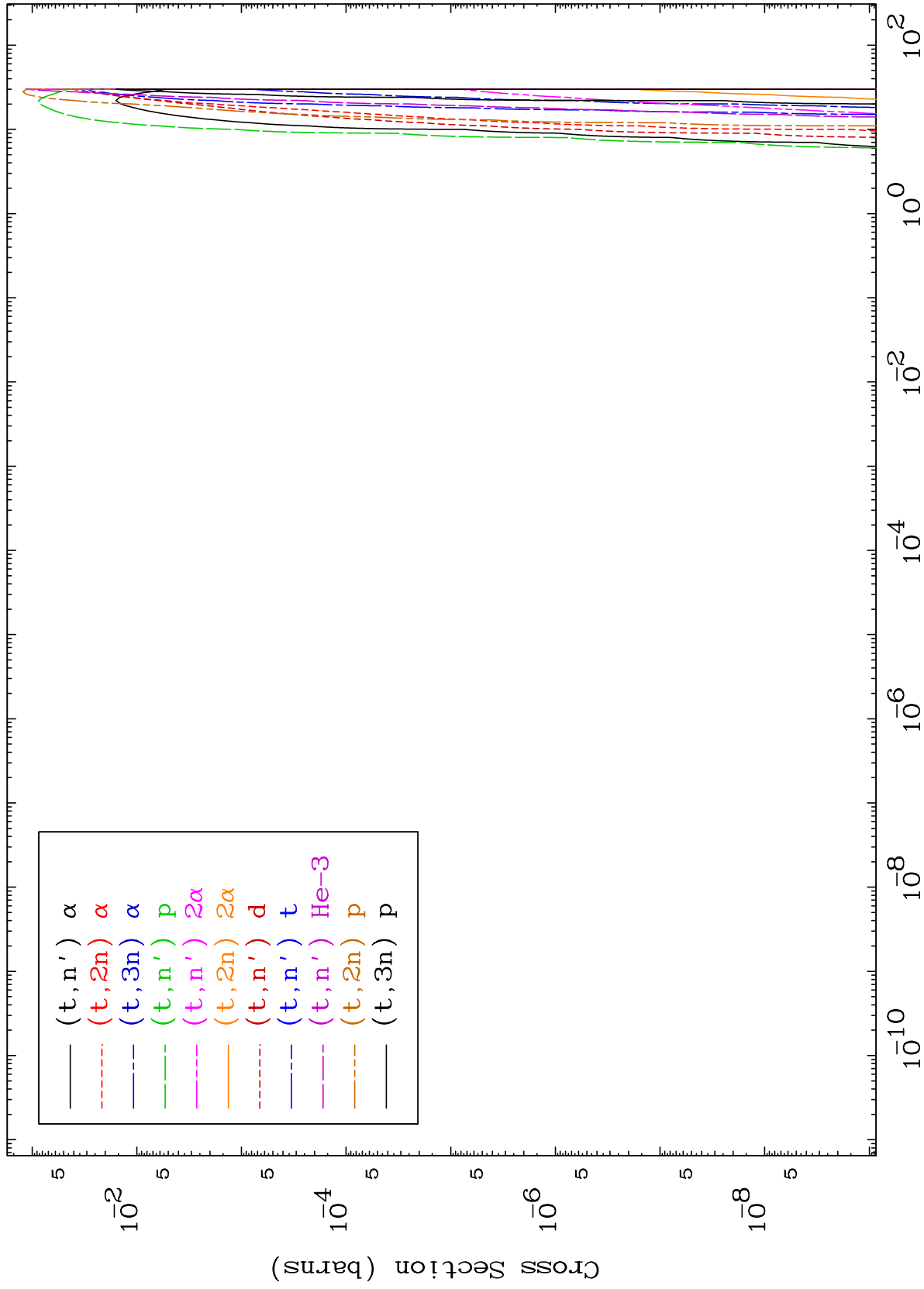
83-Bi-197



MAT 8290

Triton Charged Particle
0 Kelvin Cross Sections

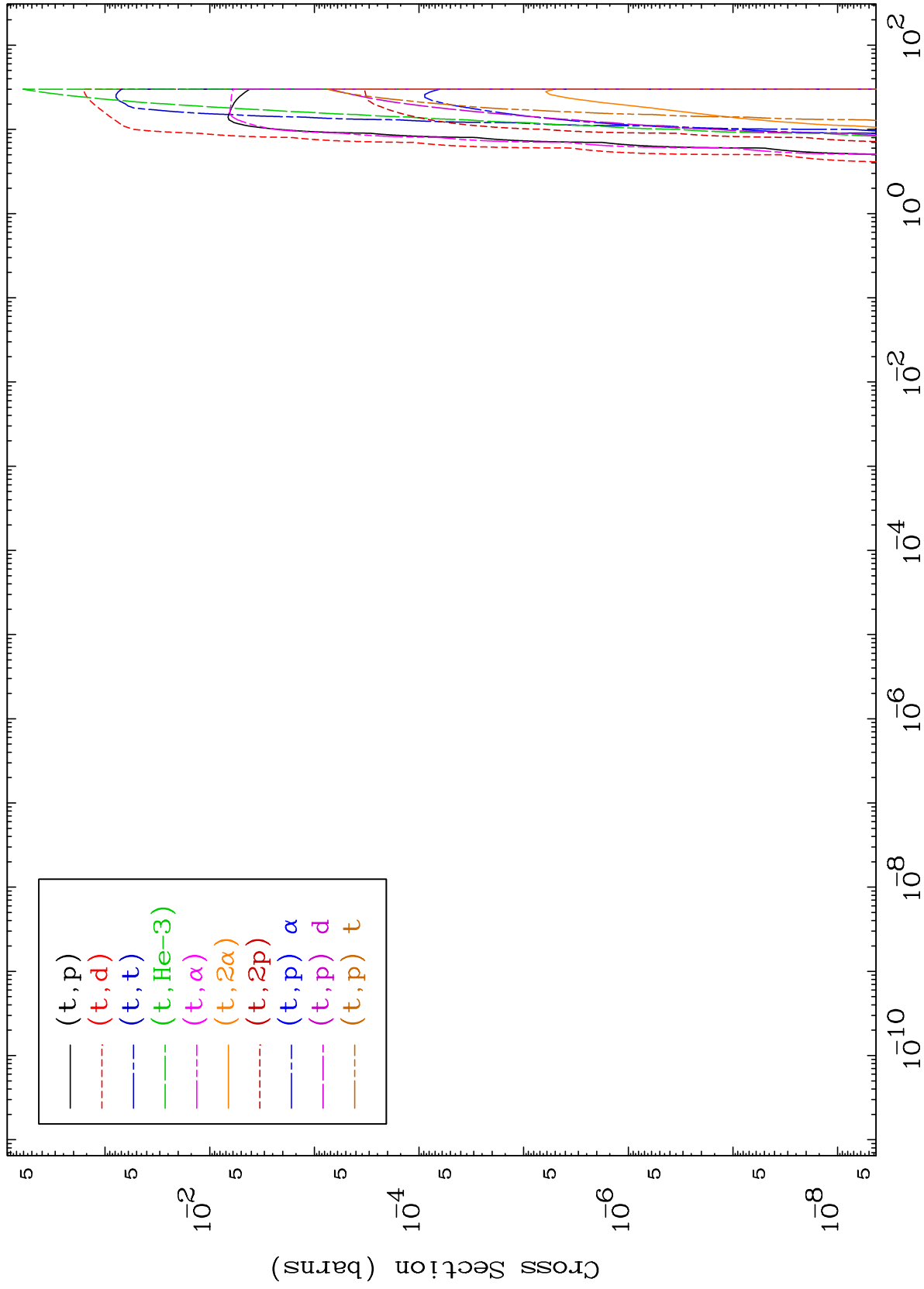
83-Bi-197



MAT 8290

Triton Charged Particle
0 Kelvin Cross Sections

83-Bi-197



5

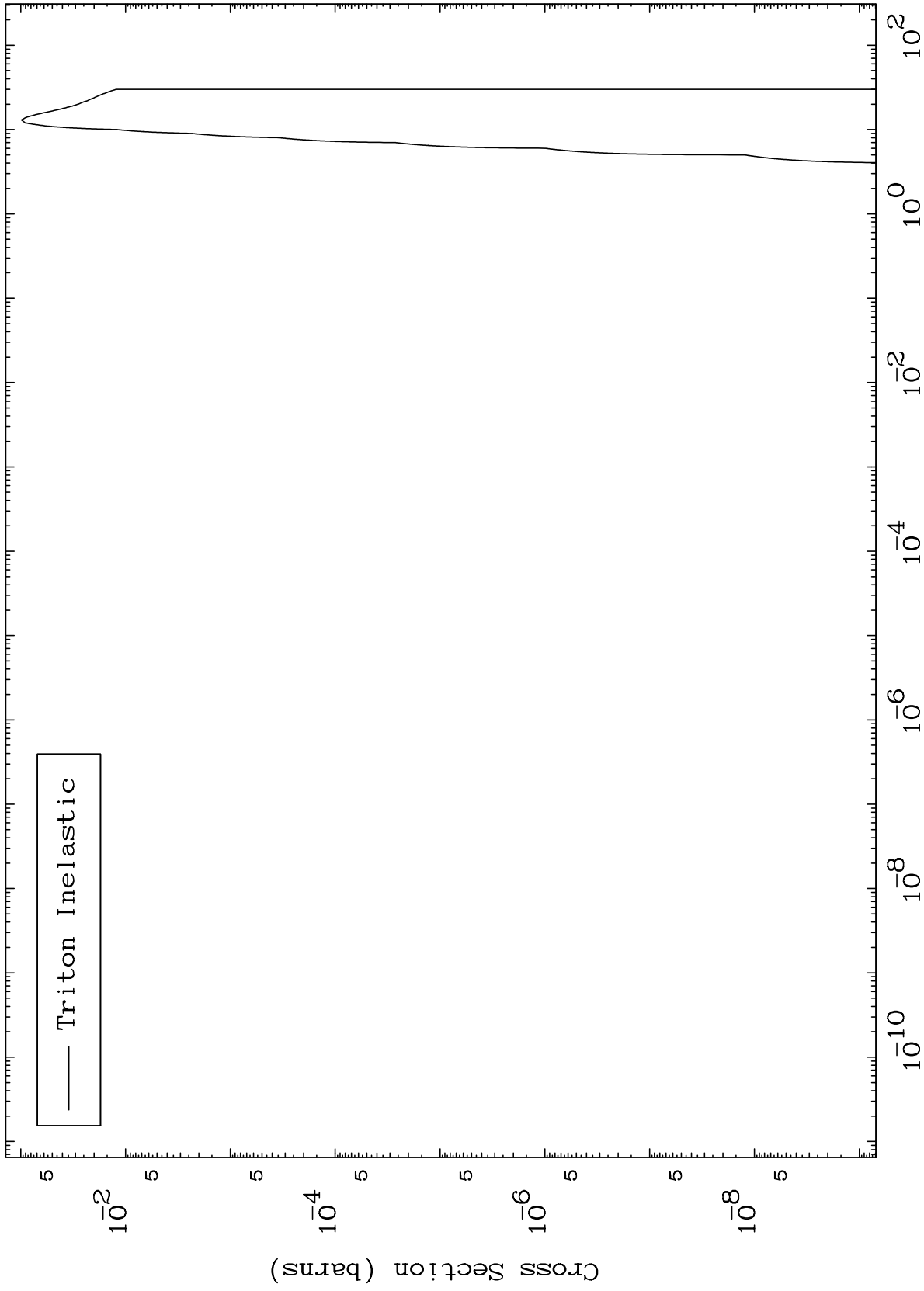
Incident Energy (MeV)

83-Bi-197

MAT 8290

(t,n') Level
0 Kelvin Cross Sections

83-Bi-197



6

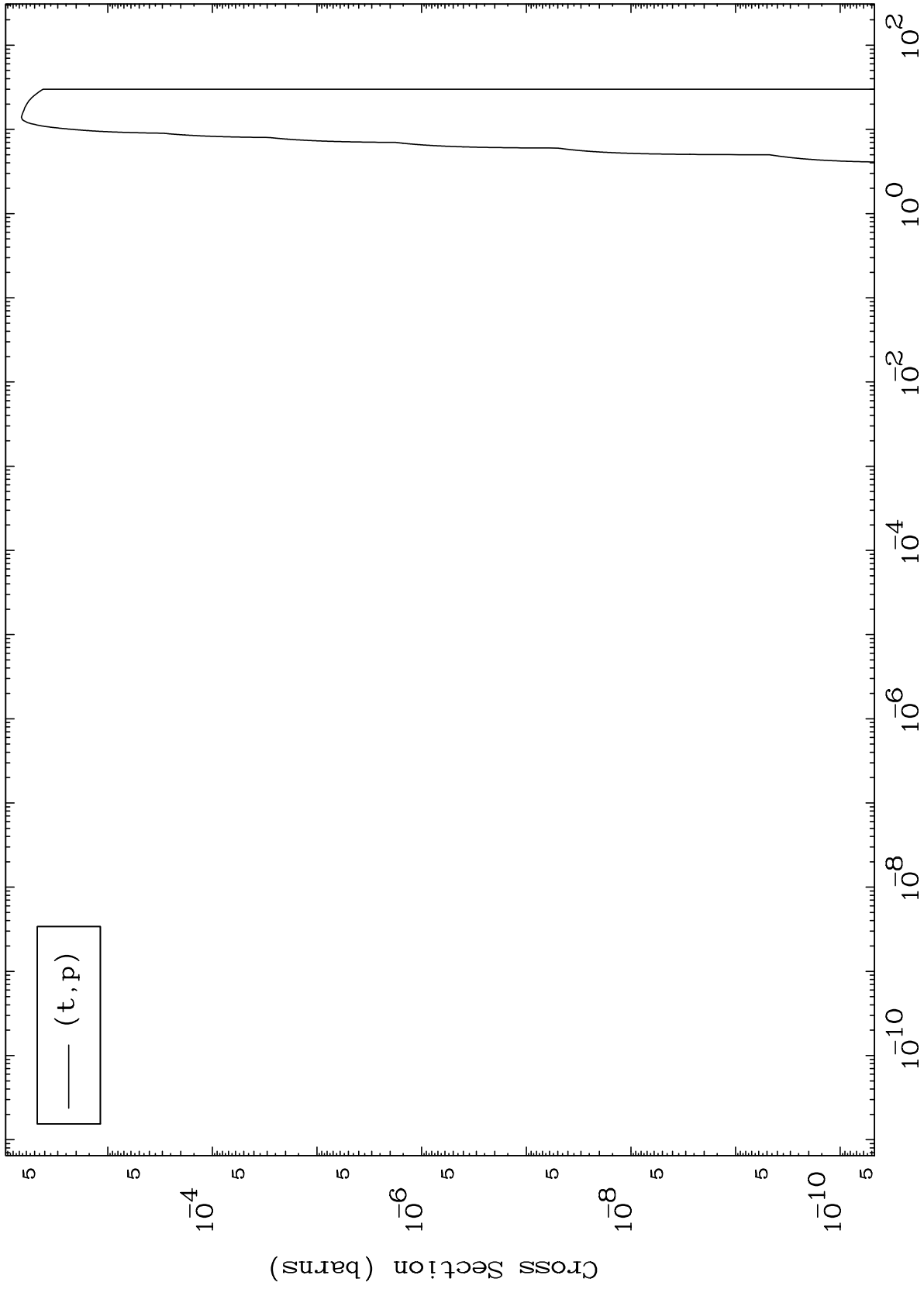
Incident Energy (MeV)

83-Bi-197

MAT 8290

(t,p) Levels
0 Kelvin Cross Sections

83-Bi-197



7

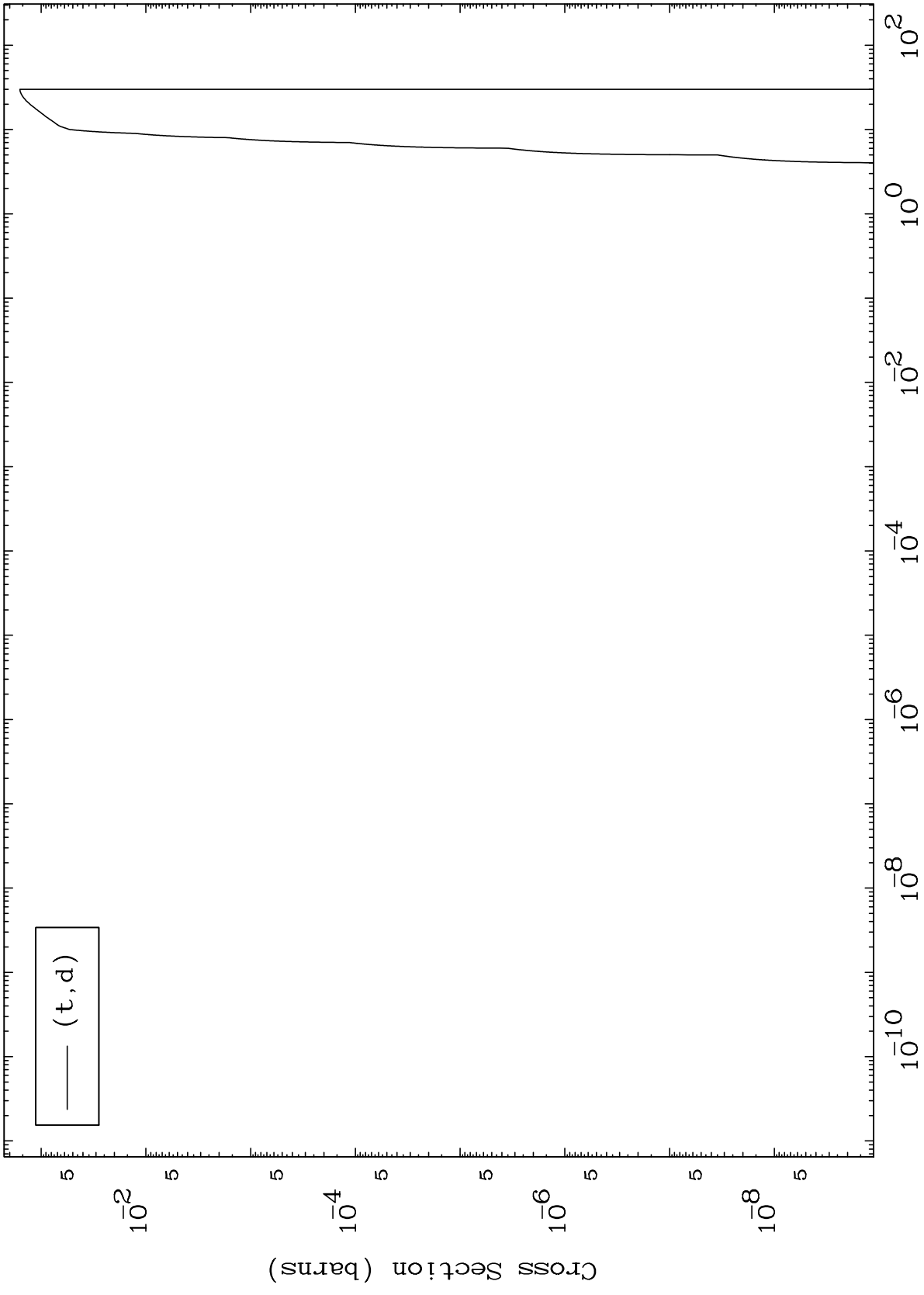
Incident Energy (MeV)

83-Bi-197

MAT 8290

(t,d) Levels
0 Kelvin Cross Sections

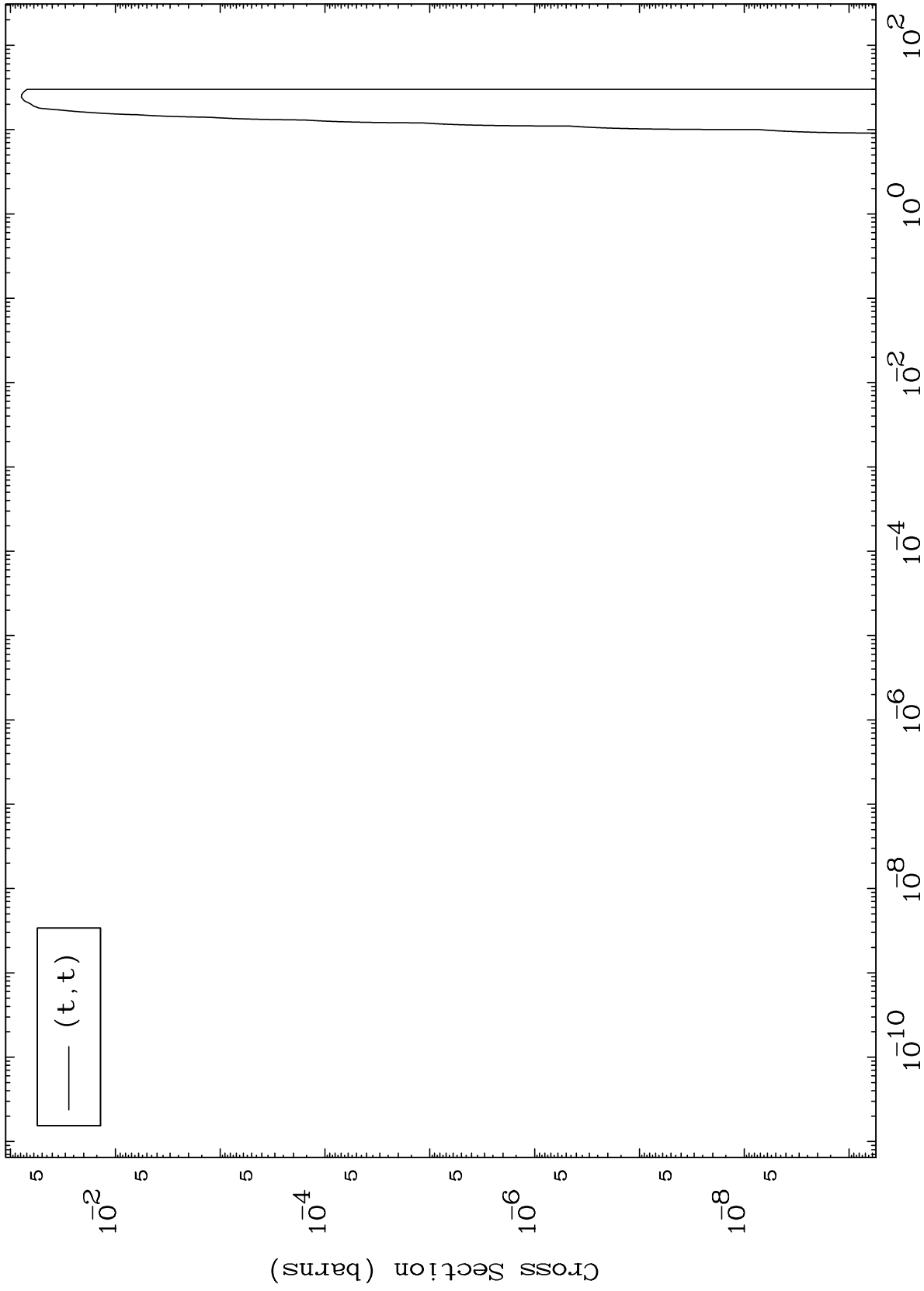
83-Bi-197



MAT 8290

(t,t) Levels
0 Kelvin Cross Sections

83-Bi-197



9

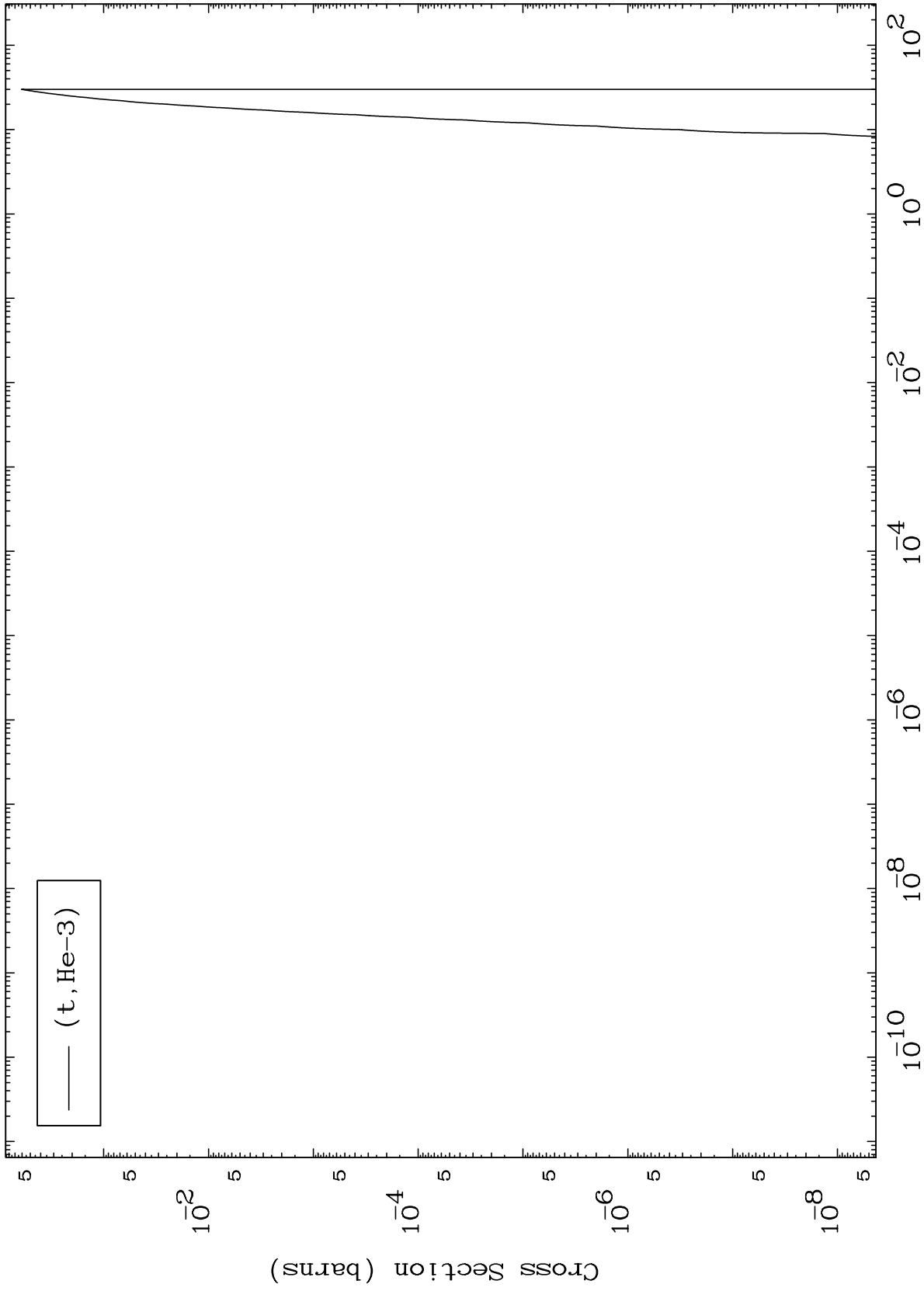
Incident Energy (MeV)

83-Bi-197

MAT 8290

(t,He3) Levels
0 Kelvin Cross Sections

83-Bi-197



10

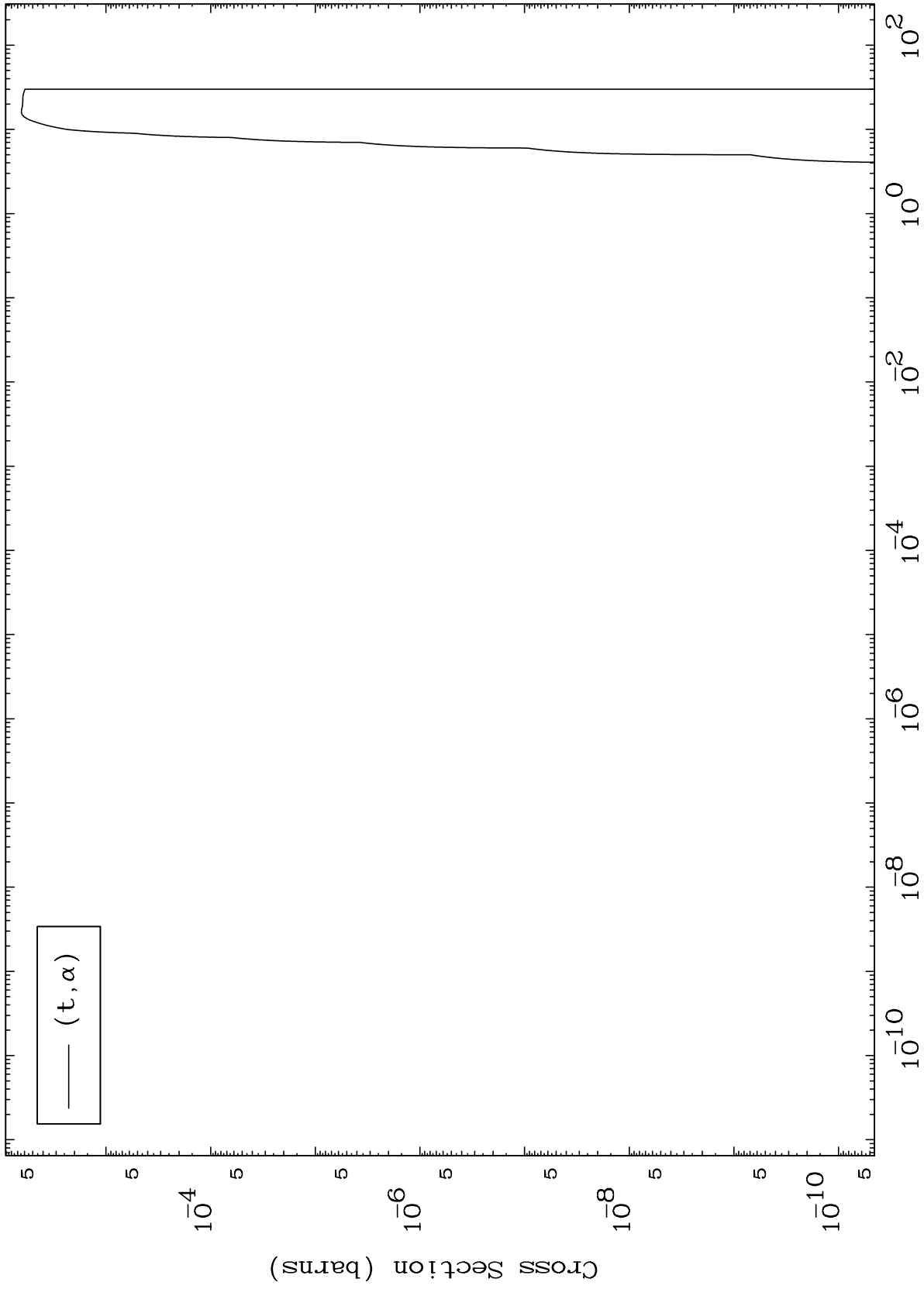
Incident Energy (MeV)

83-Bi-197

MAT 8290

(t,α) Levels
0 Kelvin Cross Sections

83-Bi-197



11

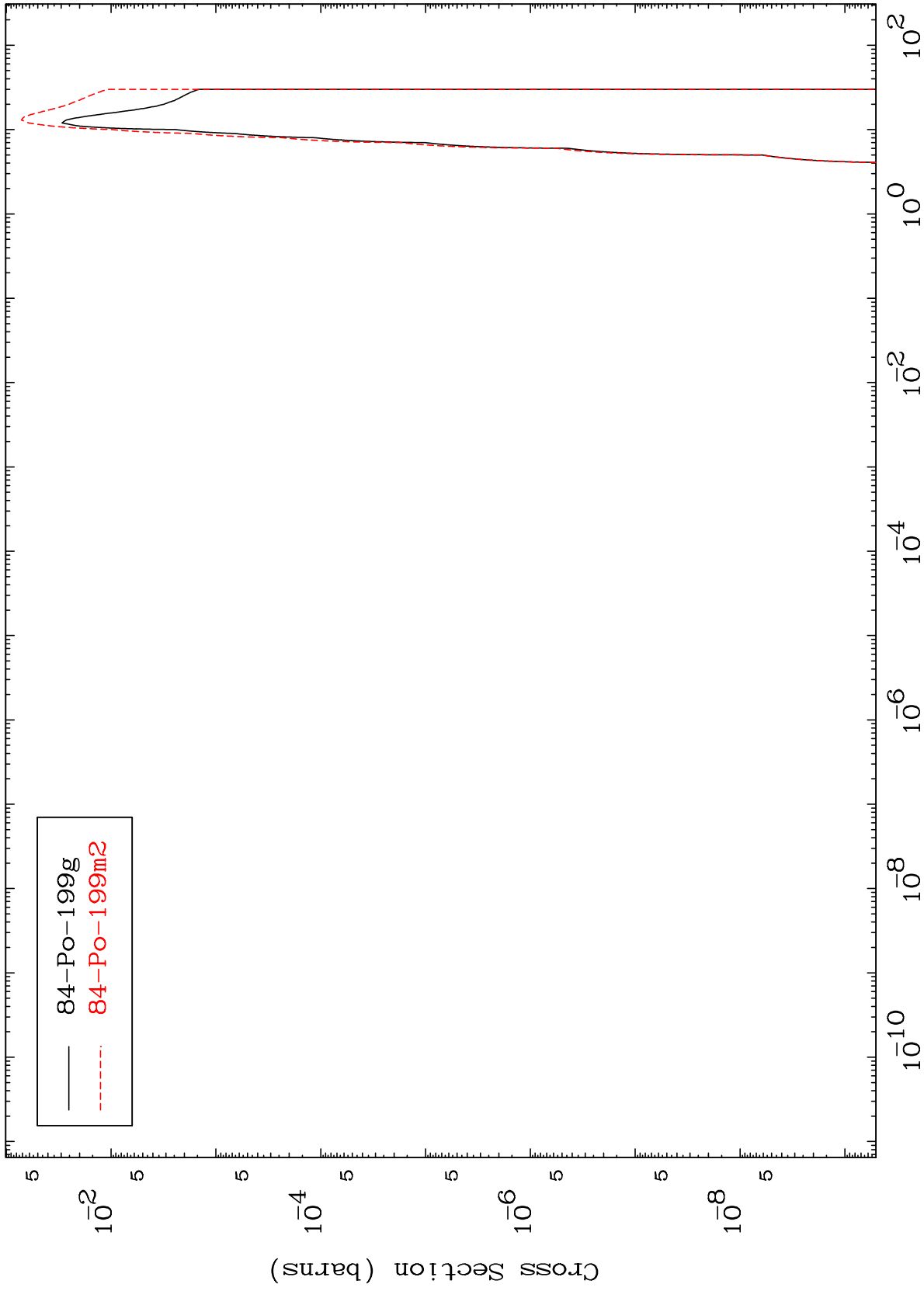
Incident Energy (MeV)

83-Bi-197

MAT 8290

Triton Inelastic
Radionuclide Production Cross Section

83-Bi-197



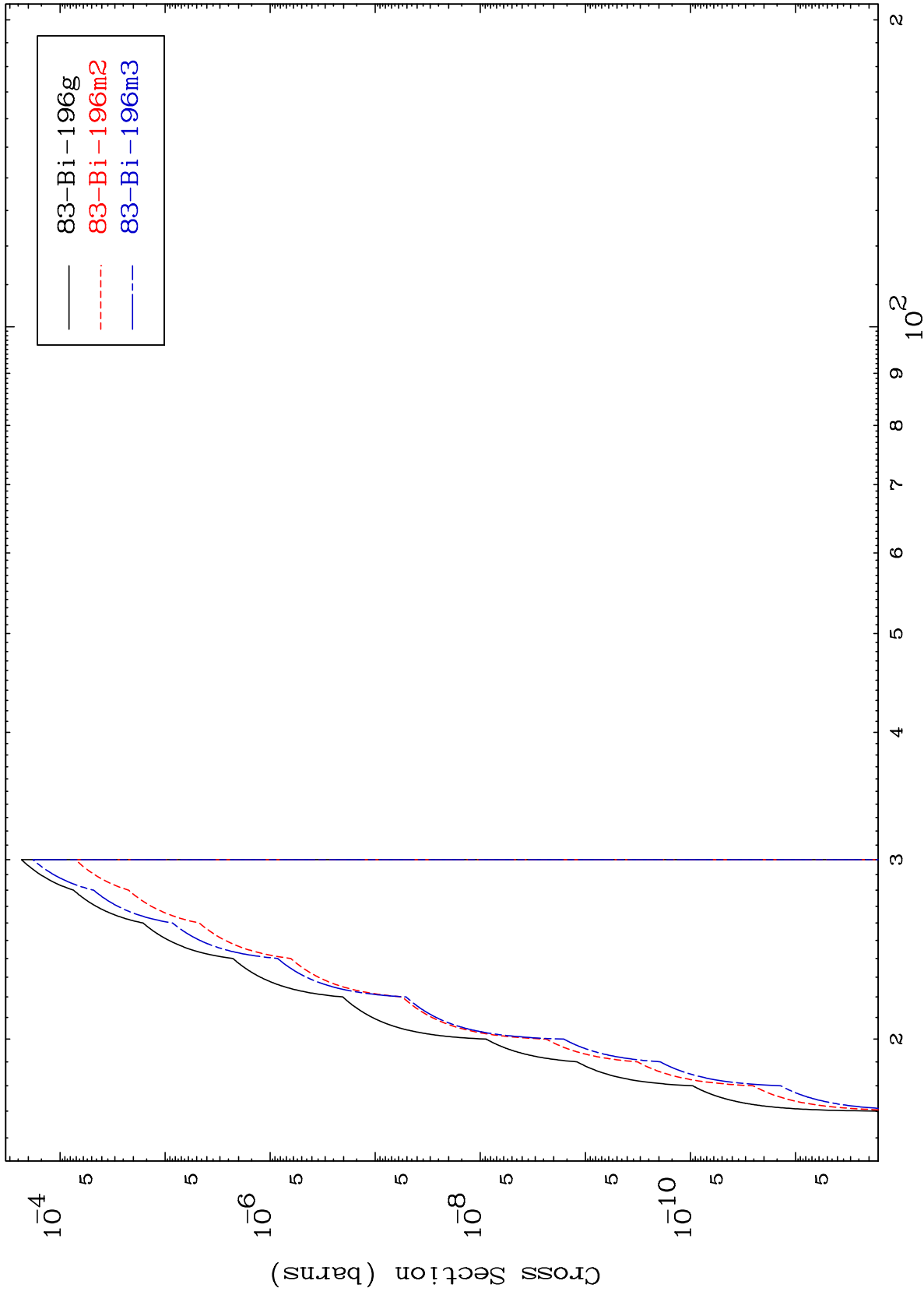
83-Bi-197

MAT 8290

(t,2n) d

83-Bi-197

Radionuclide Production Cross Section



13

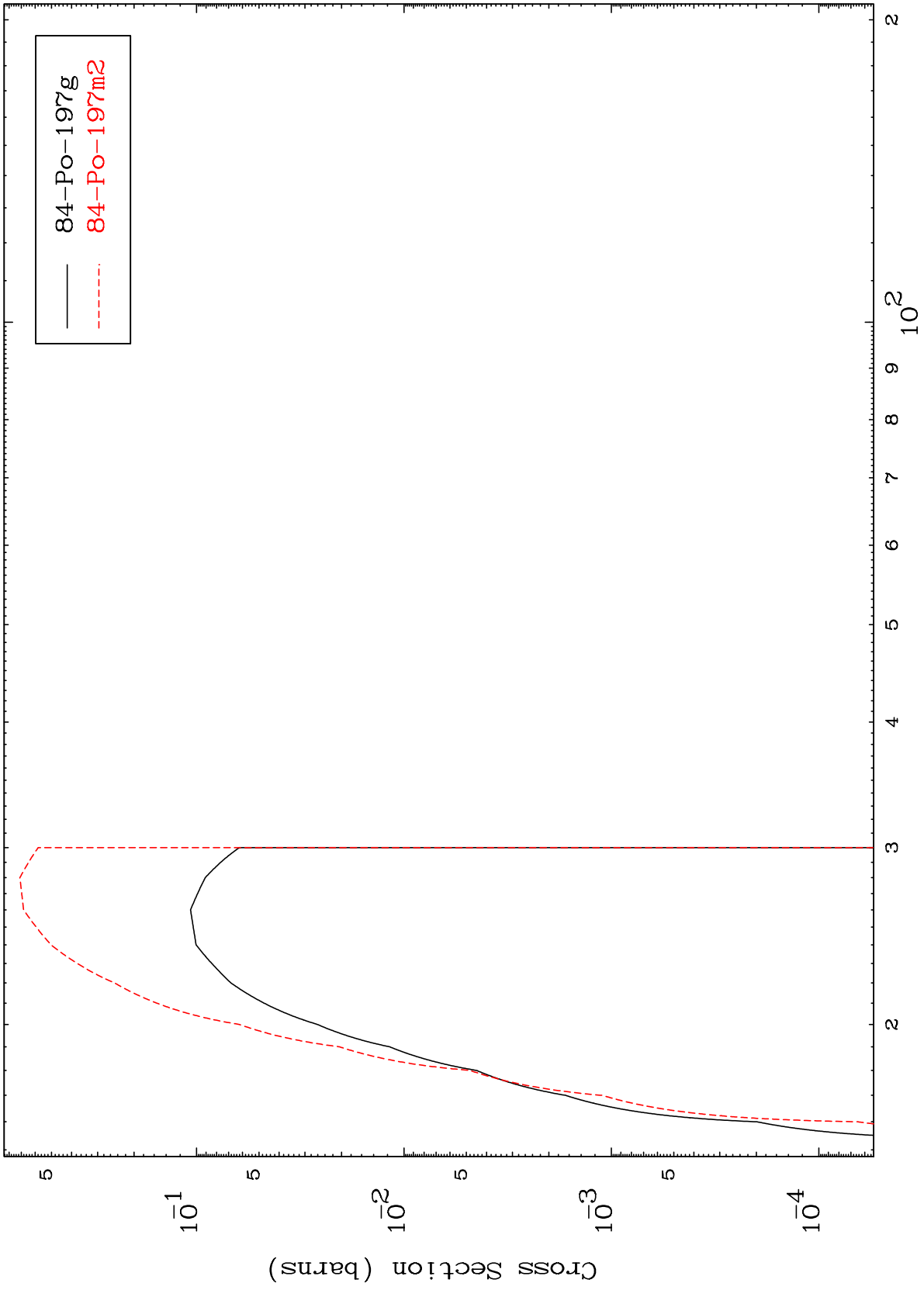
Incident Energy (MeV)

83-Bi-197

MAT 8290

83-Bi-197

(t,3n)
Radionuclide Production Cross Section



14

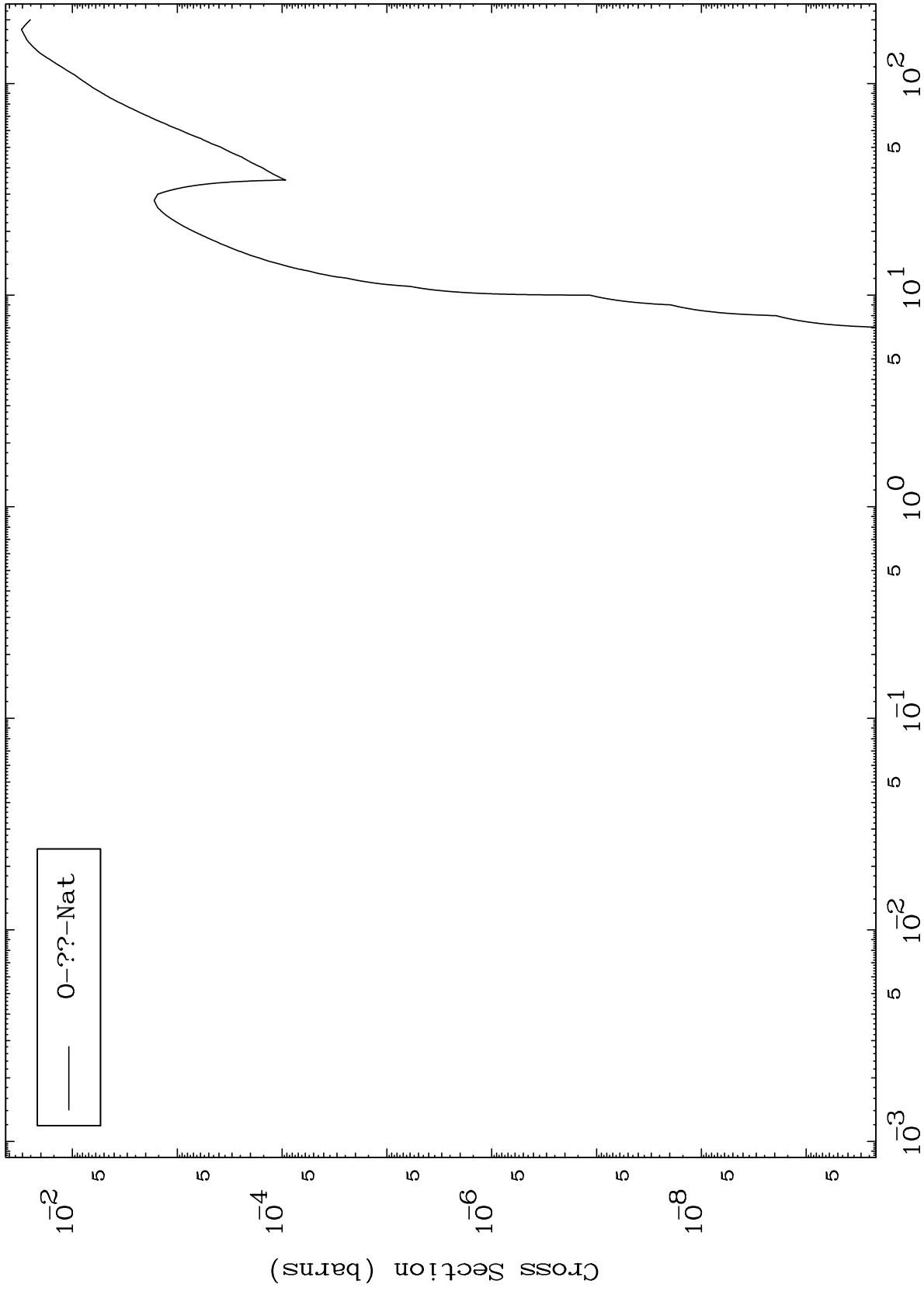
Incident Energy (MeV)

83-Bi-197

MAT 8290

Triton Fission
Radionuclide Production Cross Section

83-Bi-197



15

Incident Energy (MeV)

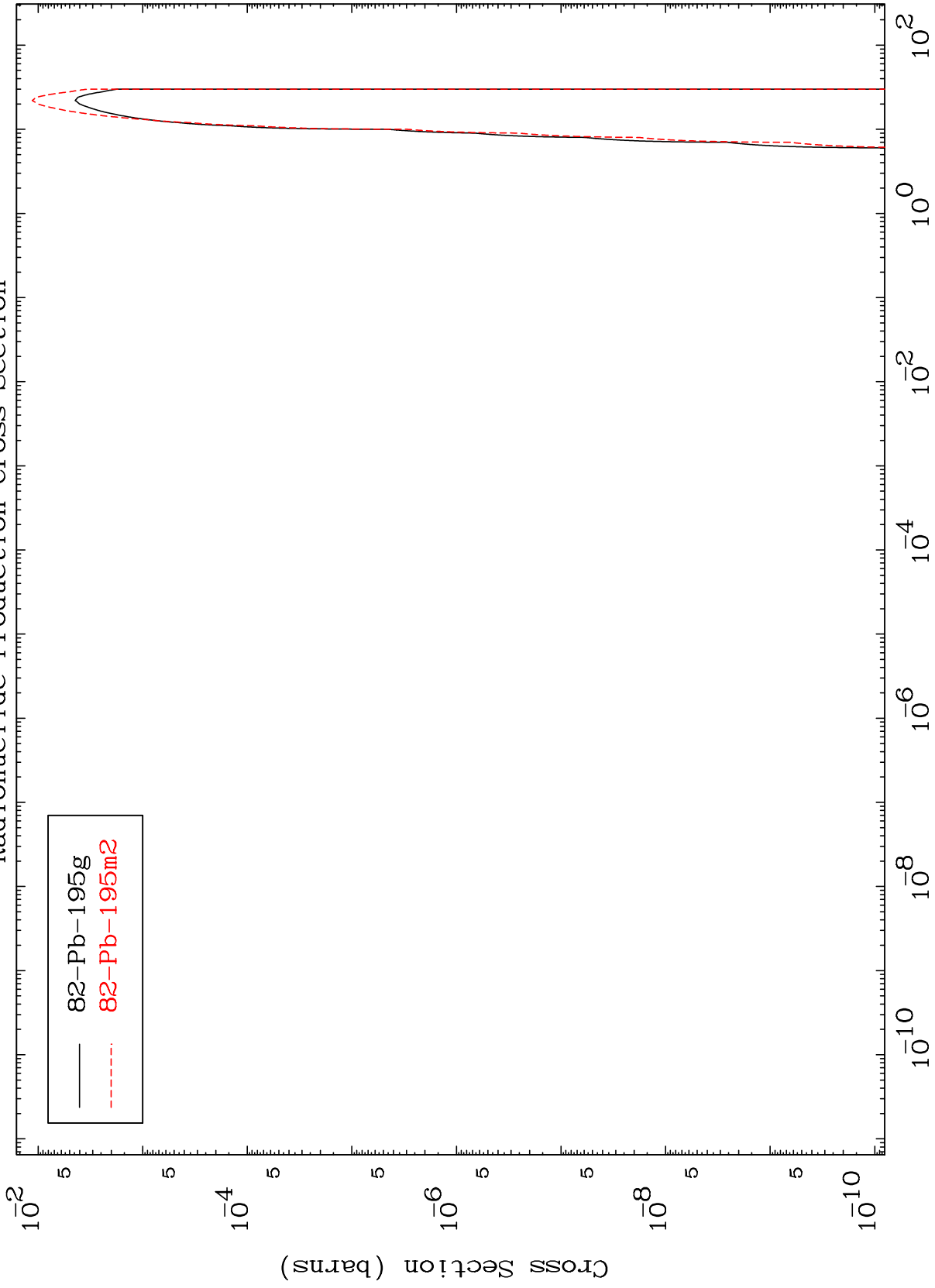
83-Bi-197

MAT 8290

(t,n') α

83-Bi-197

Radionuclide Production Cross Section



16

Incident Energy (MeV)

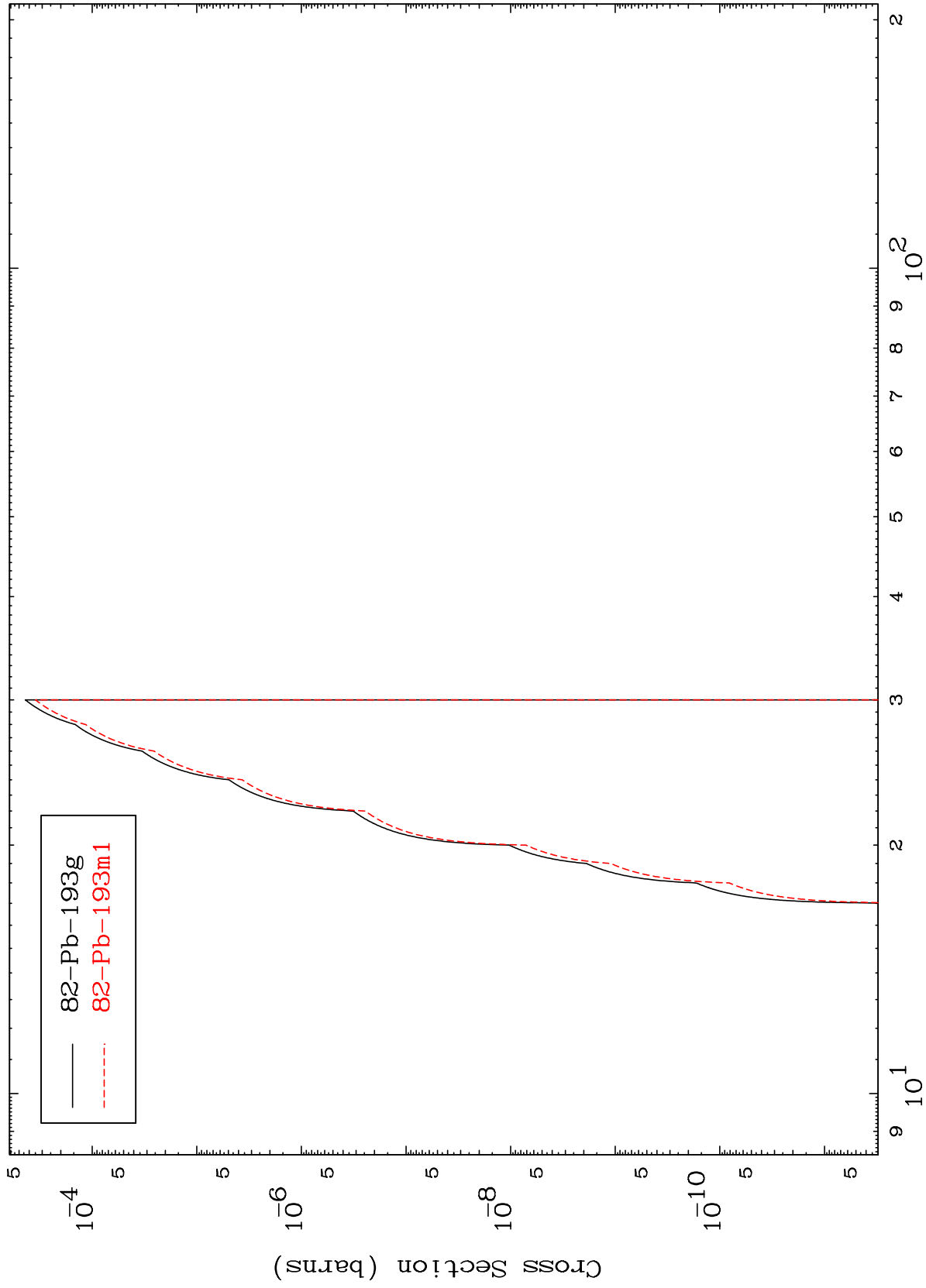
83-Bi-197

MAT 8290

(t,3n) α

83-Bi-197

Radionuclide Production Cross Section



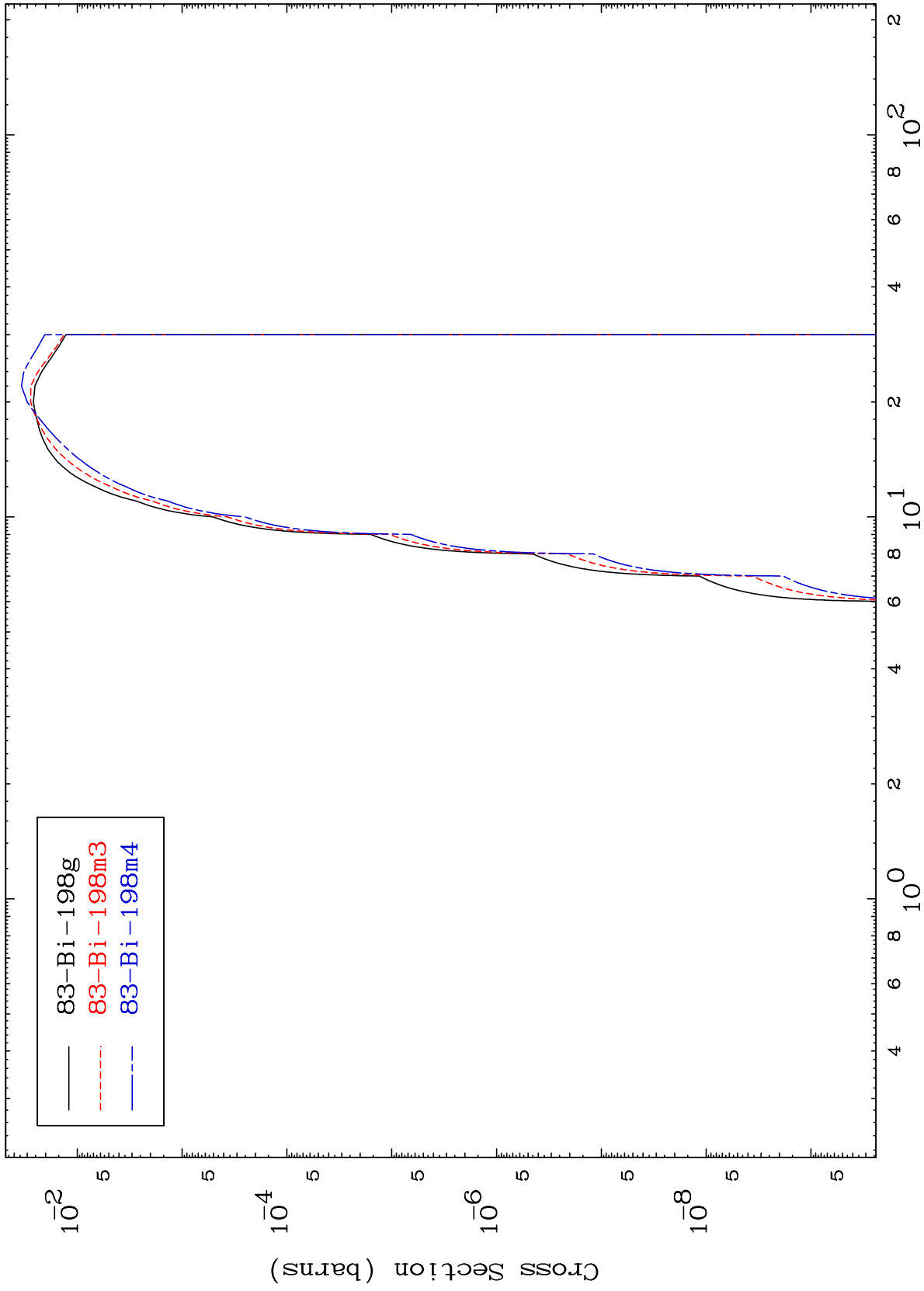
17

MAT 8290

(t,n') p

83-Bi-197

Radionuclide Production Cross Section



18

Incident Energy (MeV)

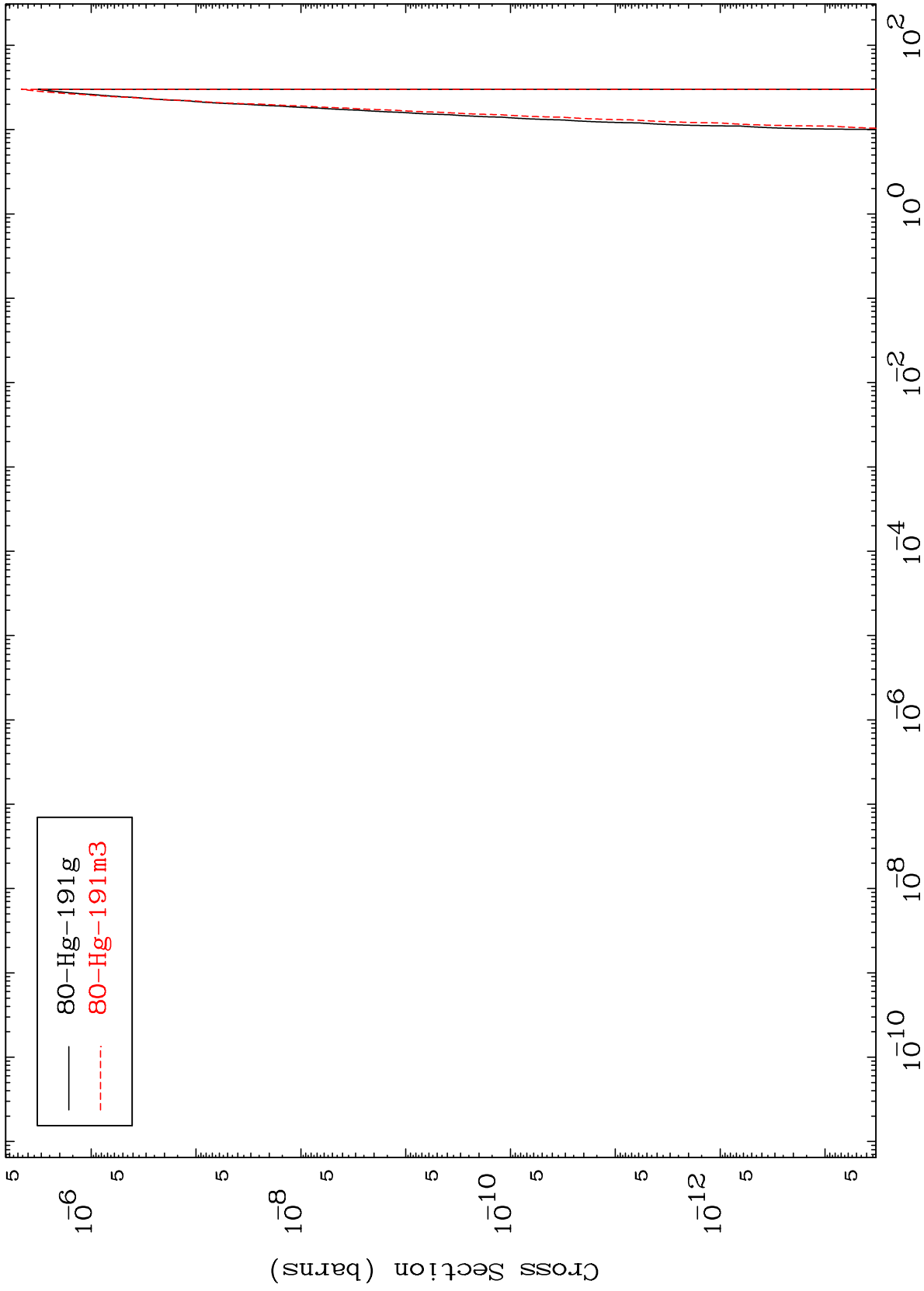
83-Bi-197

MAT 8290

(t,n') 2 α

83-Bi-197

Radionuclide Production Cross Section



19

Incident Energy (MeV)

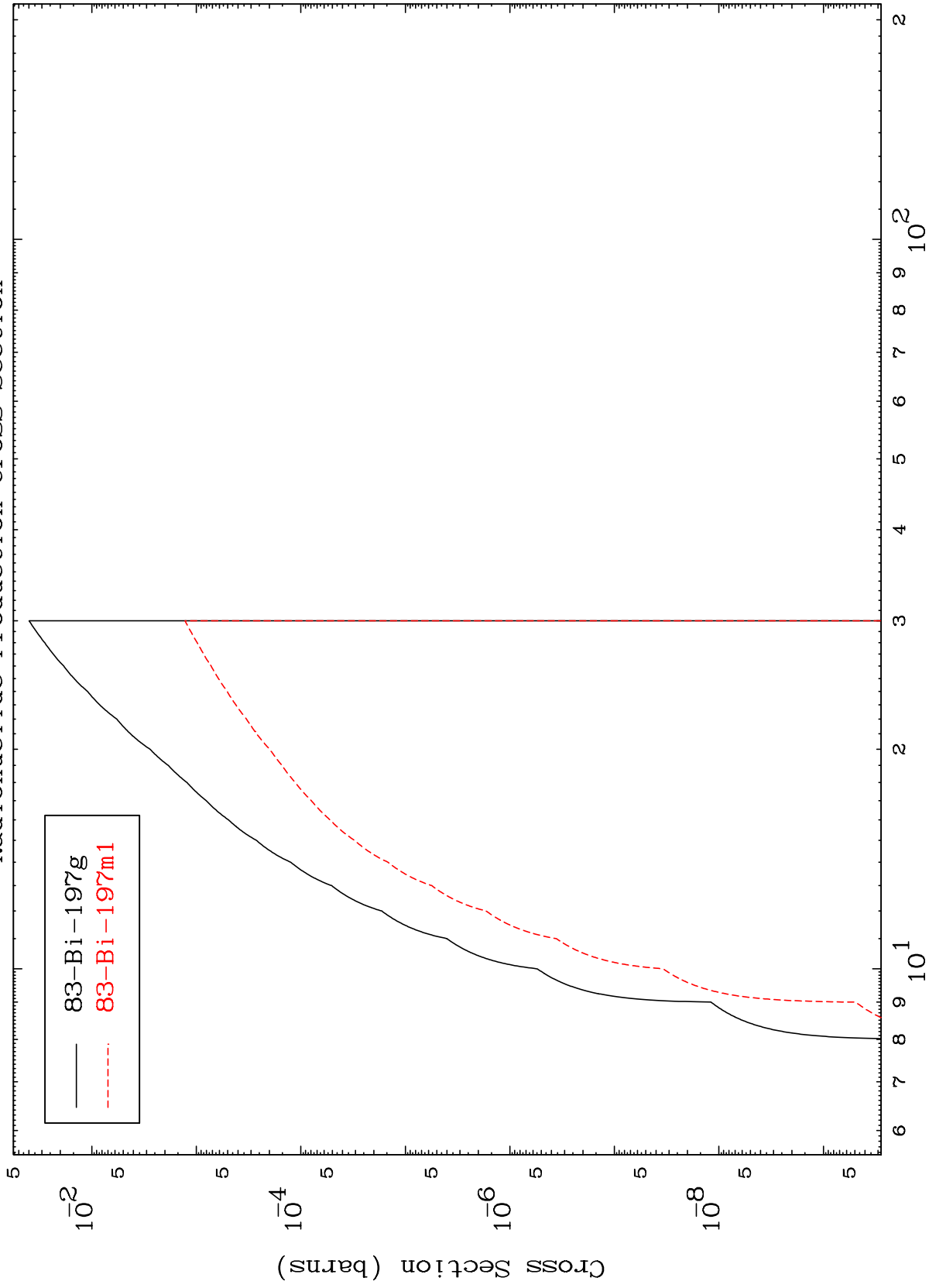
83-Bi-197

MAT 8290

(t,n') d

83-Bi-197

Radionuclide Production Cross Section



20

Incident Energy (MeV)

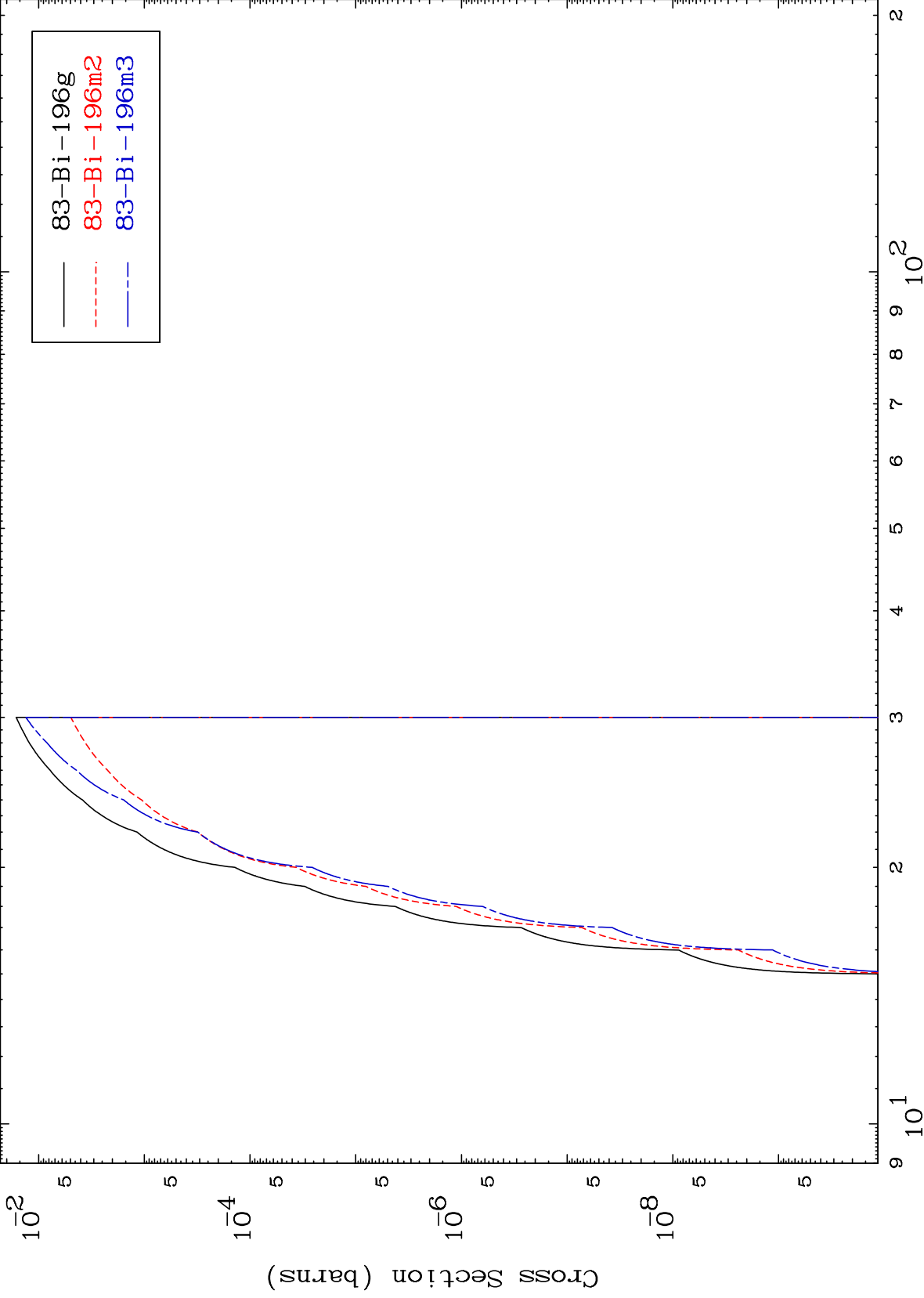
83-Bi-197

MAT 8290

(t,n') t

83-Bi-197

Radionuclide Production Cross Section



21

Incident Energy (MeV)

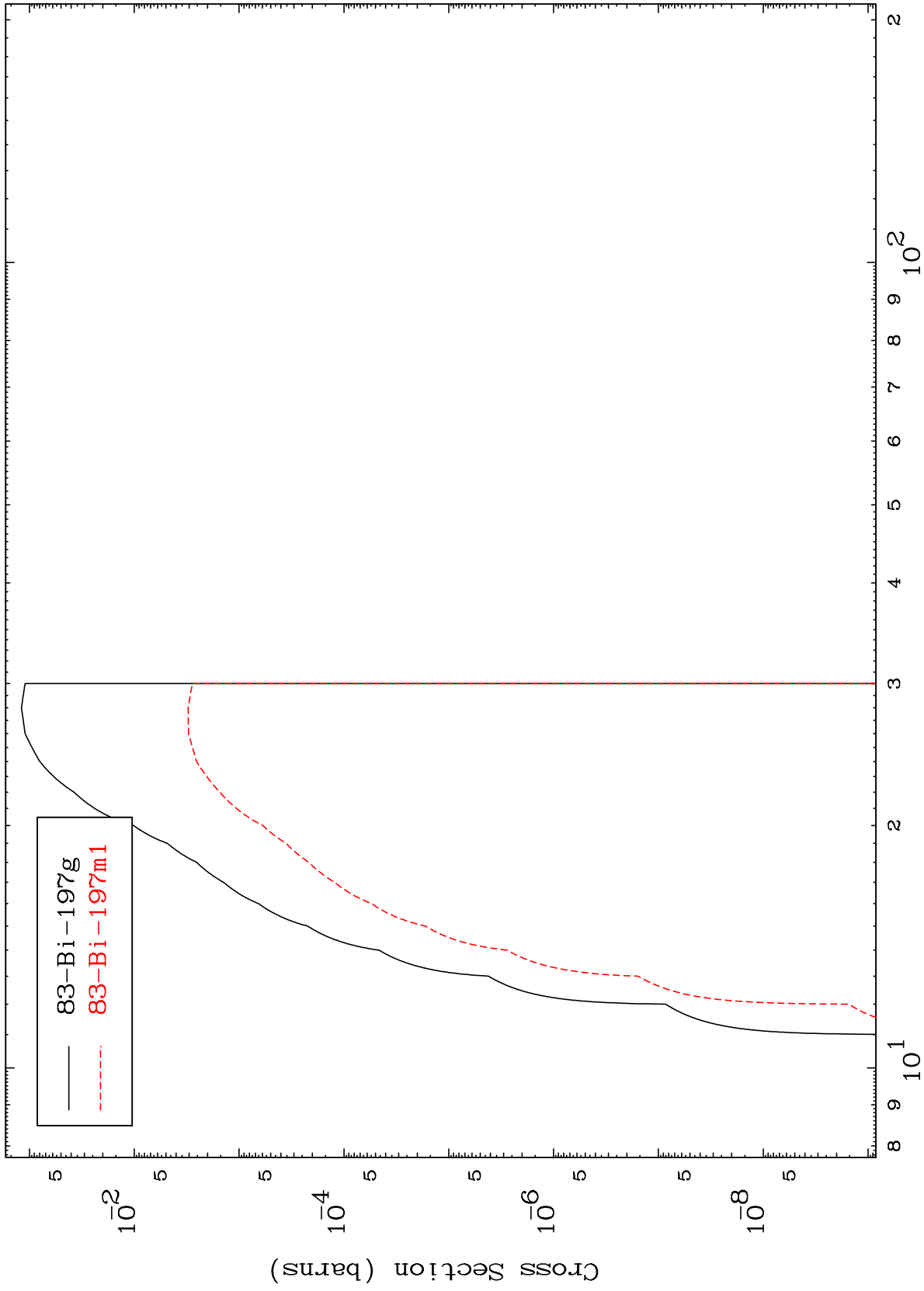
83-Bi-197

MAT 8290

(t,2n) p

83-Bi-197

Radionuclide Production Cross Section



22

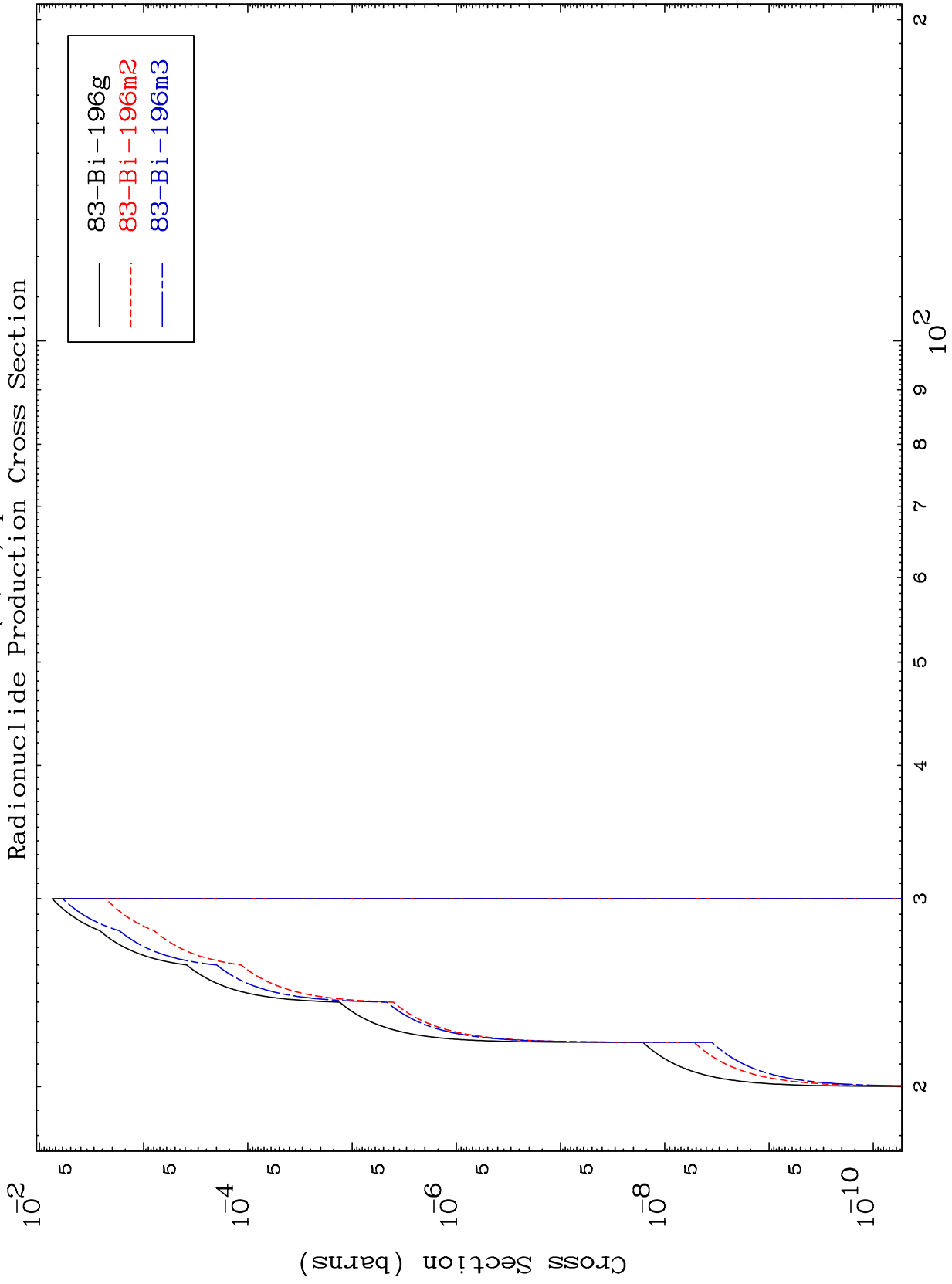
Incident Energy (MeV)

83-Bi-197

MAT 8290

(t,3n) p

83-Bi-197

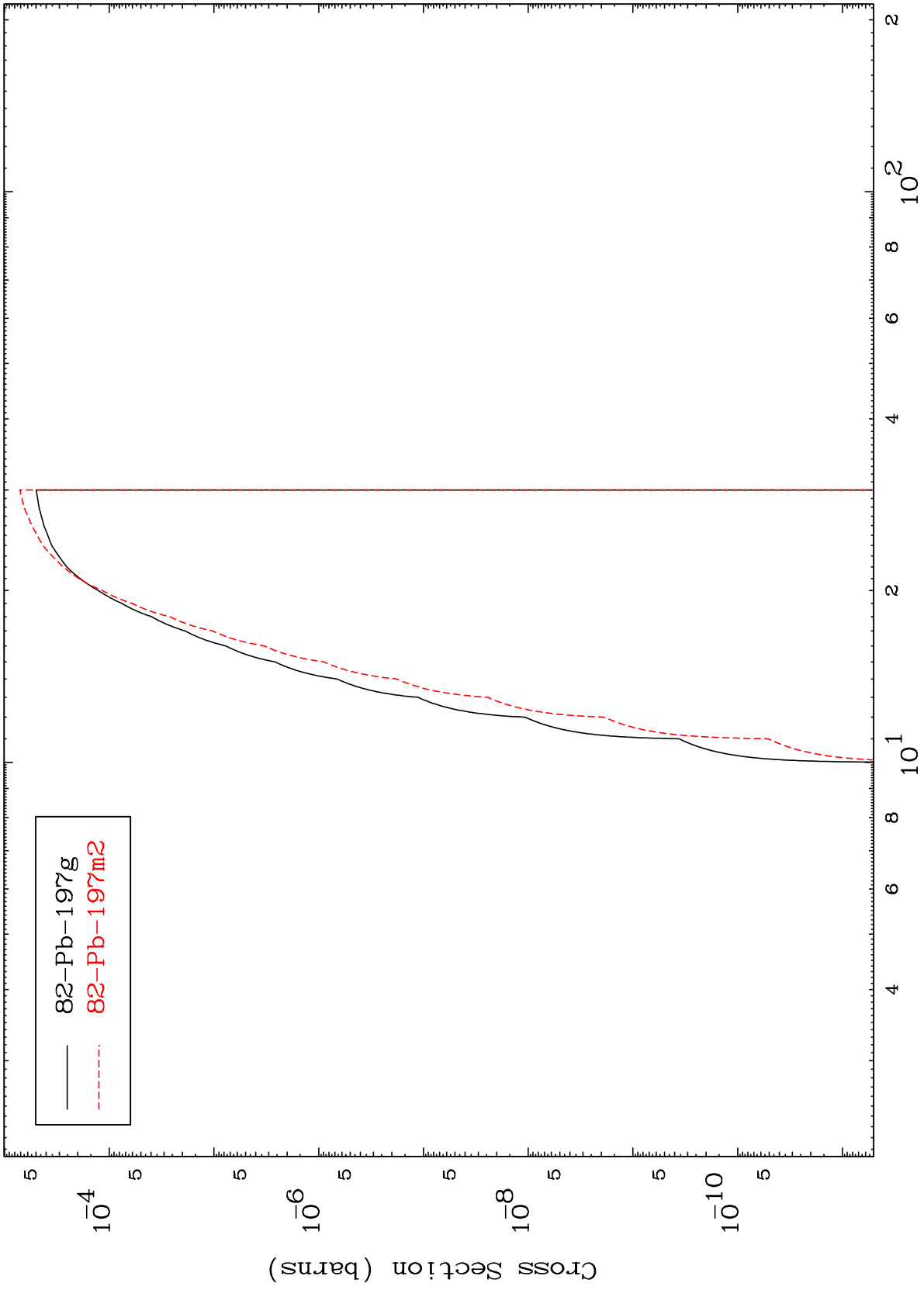


23

MAT 8290

83-Bi-197

(t,2n) p
Radionuclide Production Cross Section



24

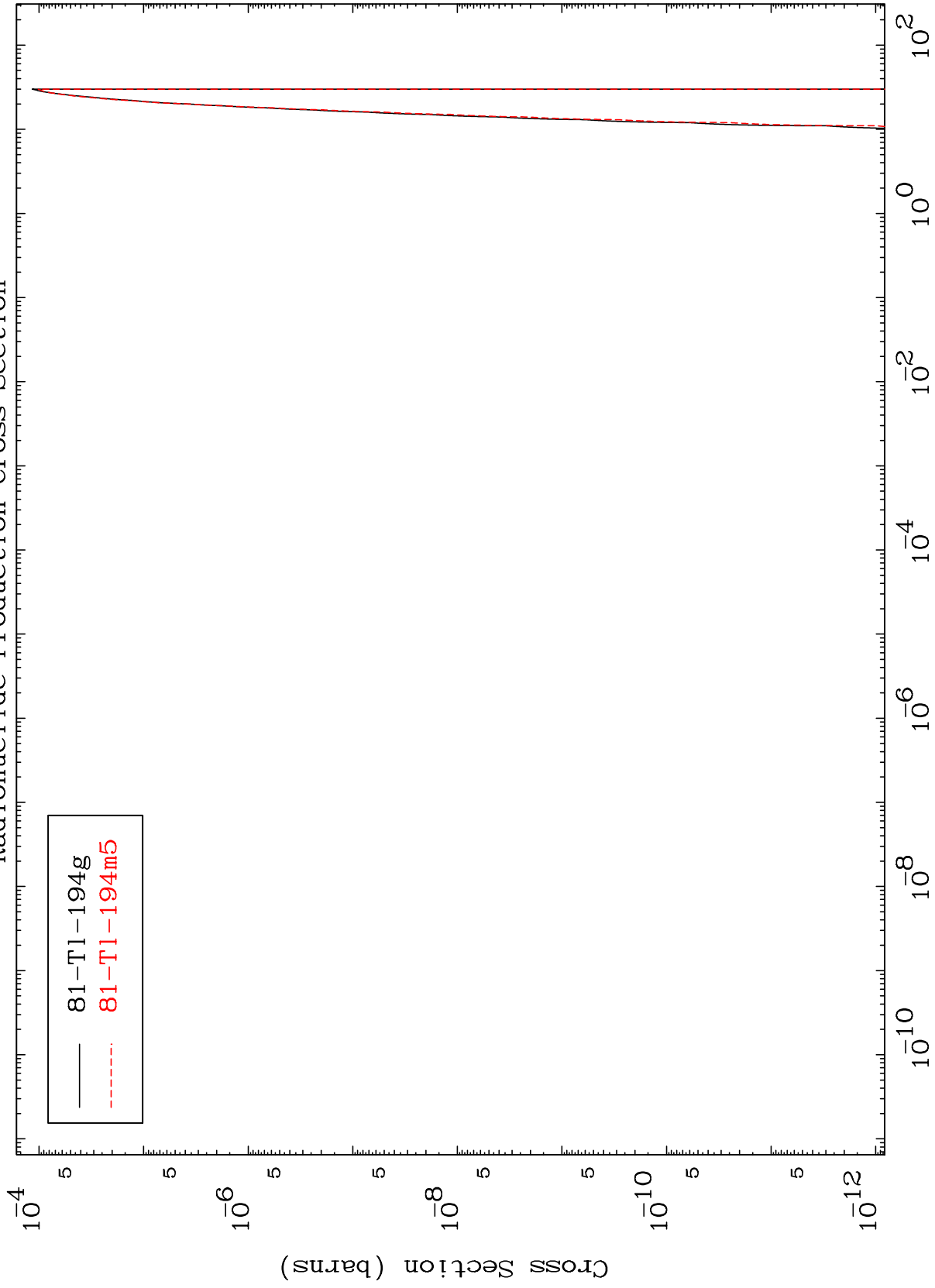
83-Bi-197

MAT 8290

(t,n') p α

83-Bi-197

Radionuclide Production Cross Section



25

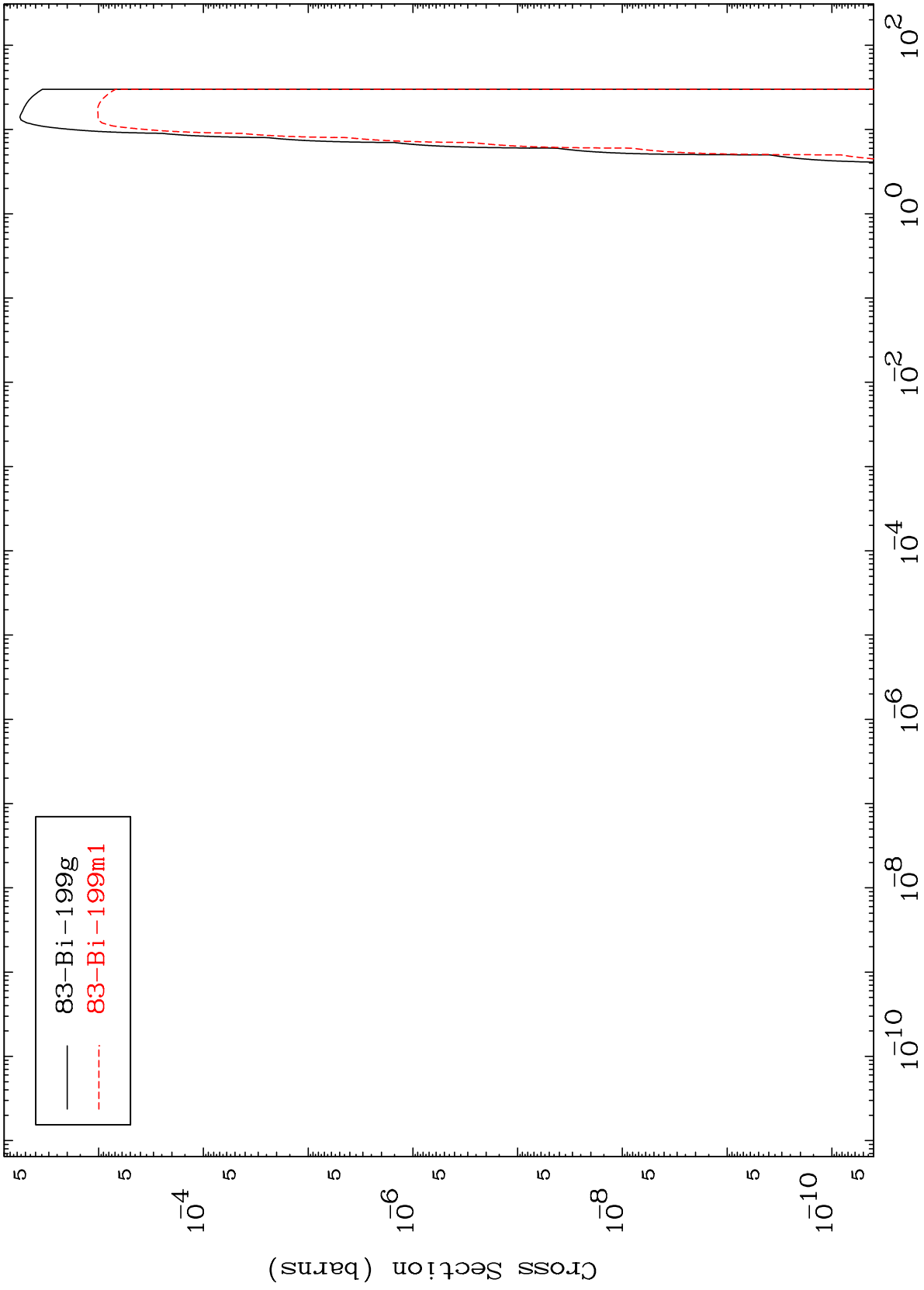
Incident Energy (MeV)

83-Bi-197

MAT 8290

(t,p)
Radionuclide Production Cross Section

⁸³Bi-197



26

Incident Energy (MeV)

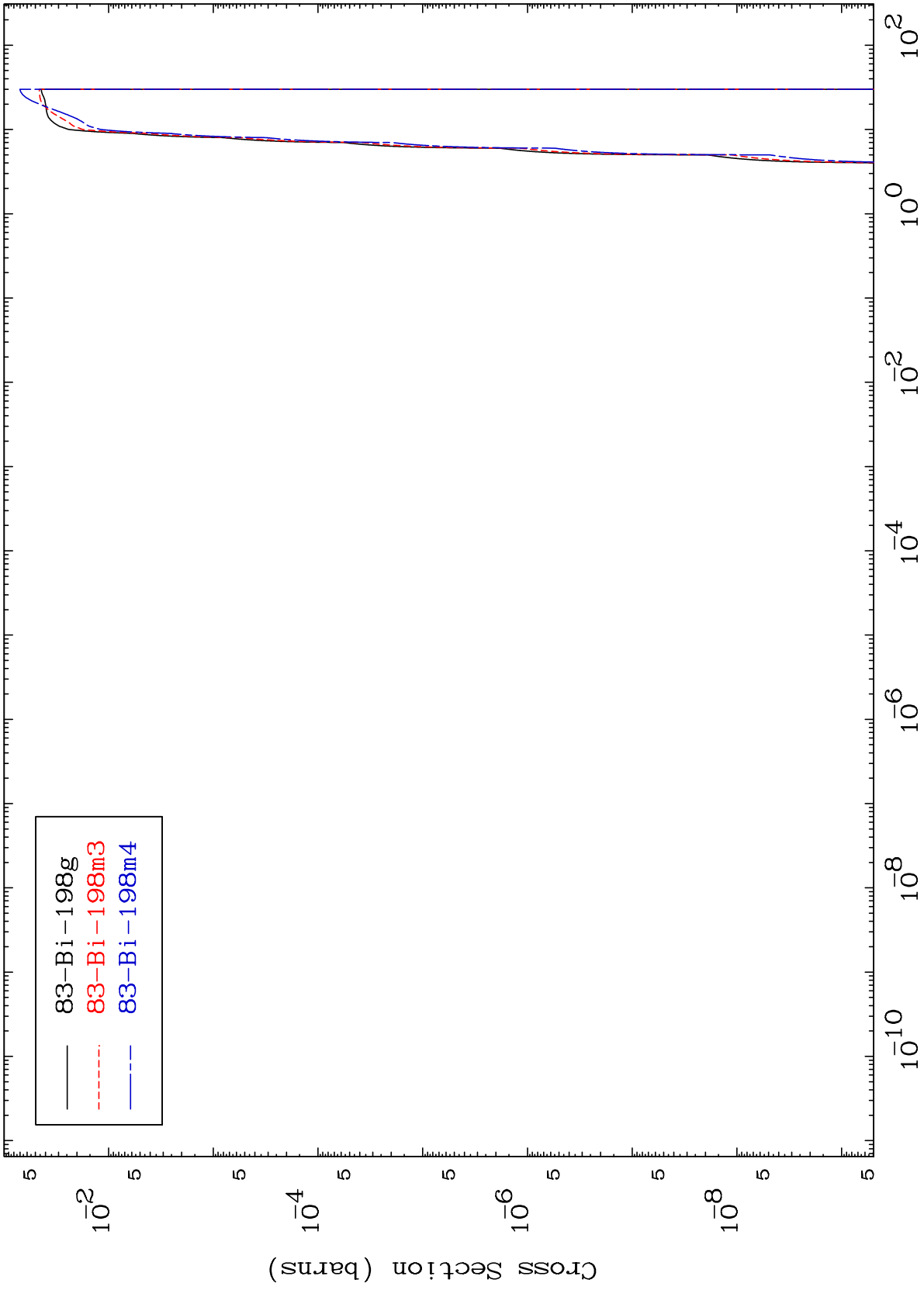
⁸³Bi-197

MAT 8290

(t,d)

83-Bi-197

Radionuclide Production Cross Section



27

Incident Energy (MeV)

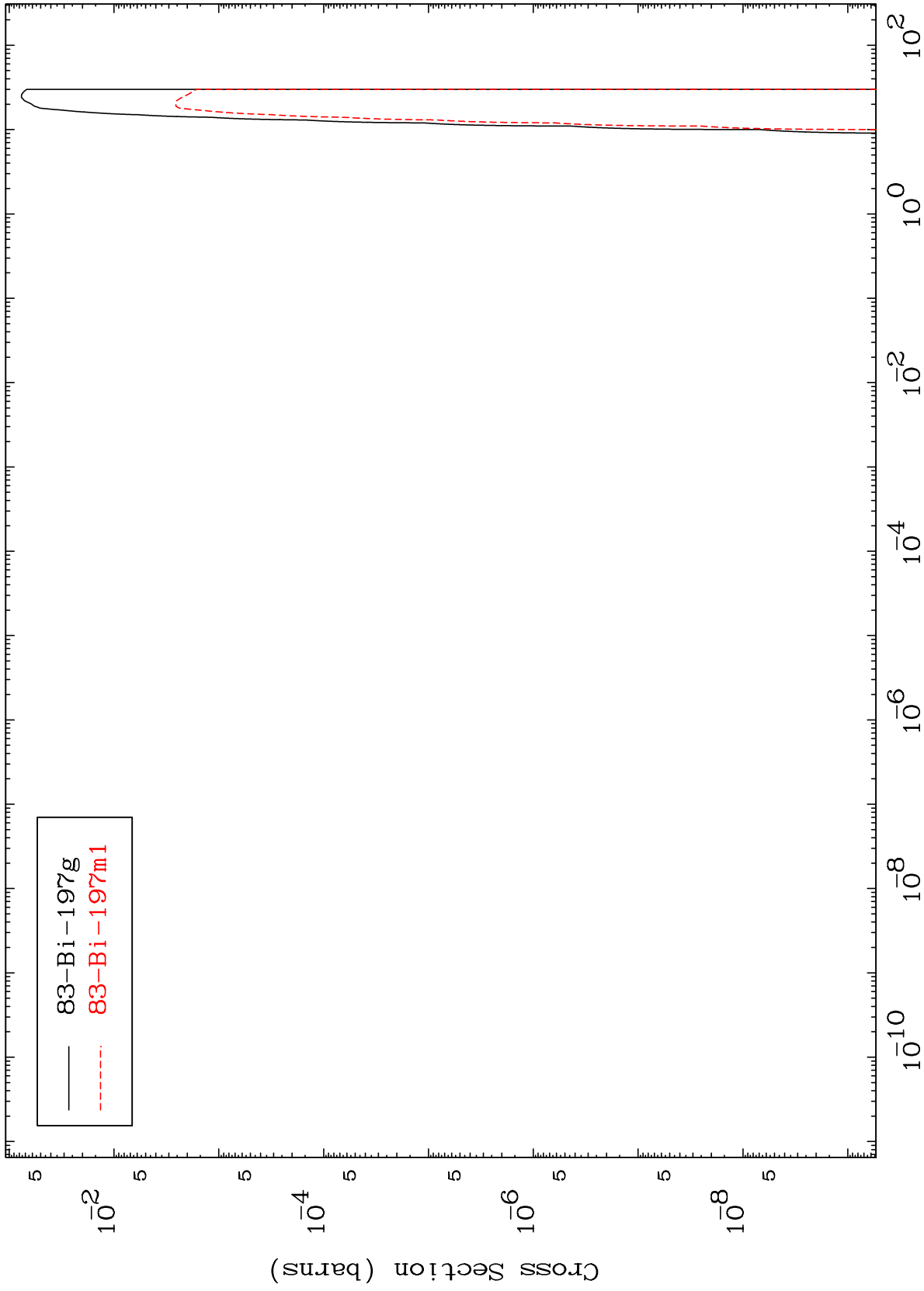
83-Bi-197

MAT 8290

(t, t)

⁸³Bi-197

Radionuclide Production Cross Section



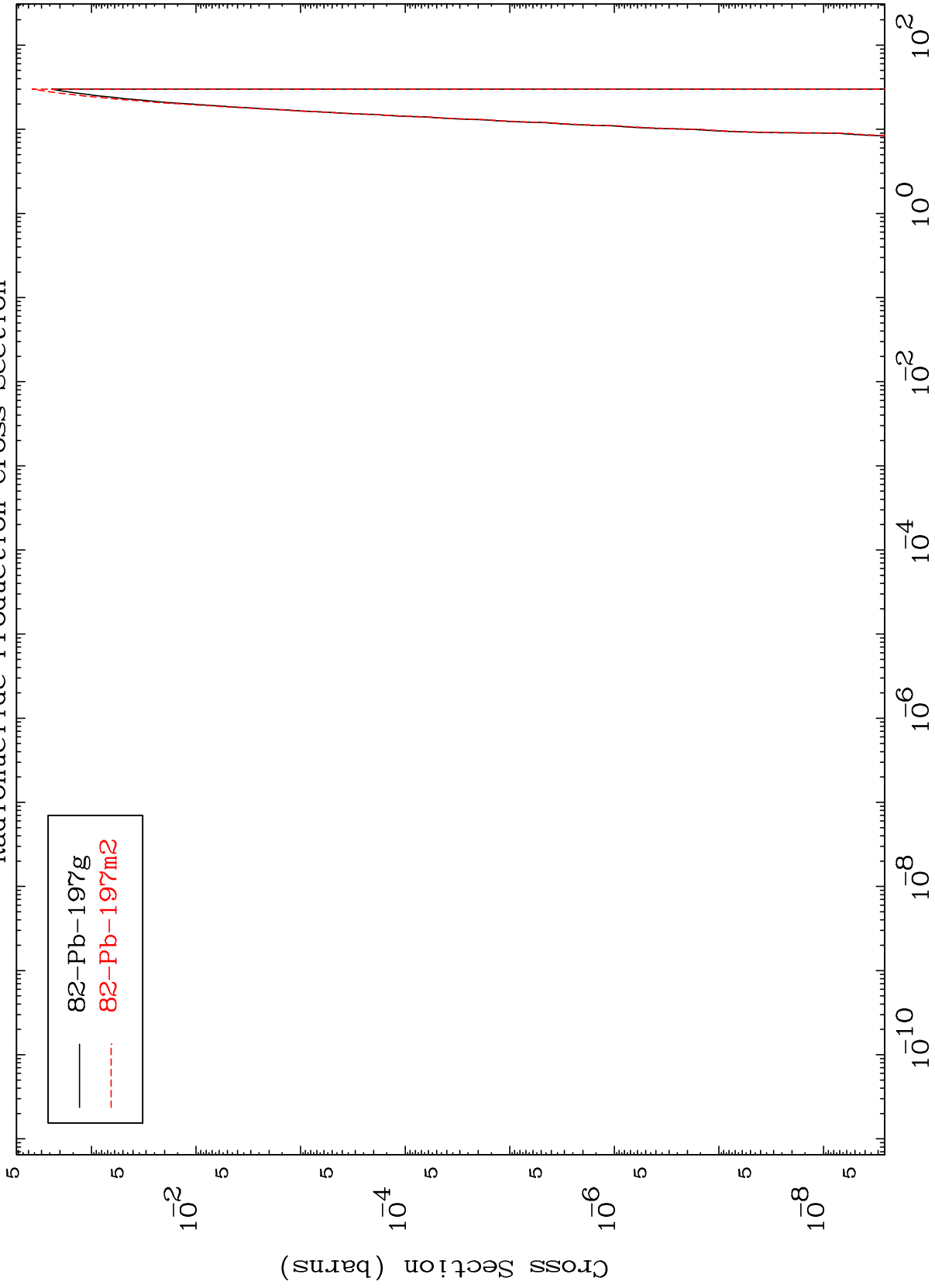
— ⁸³Bi-197g
- - - ⁸³Bi-197m1

MAT 8290

(t, He-3)

83-Bi-197

Radionuclide Production Cross Section



29

Incident Energy (MeV)

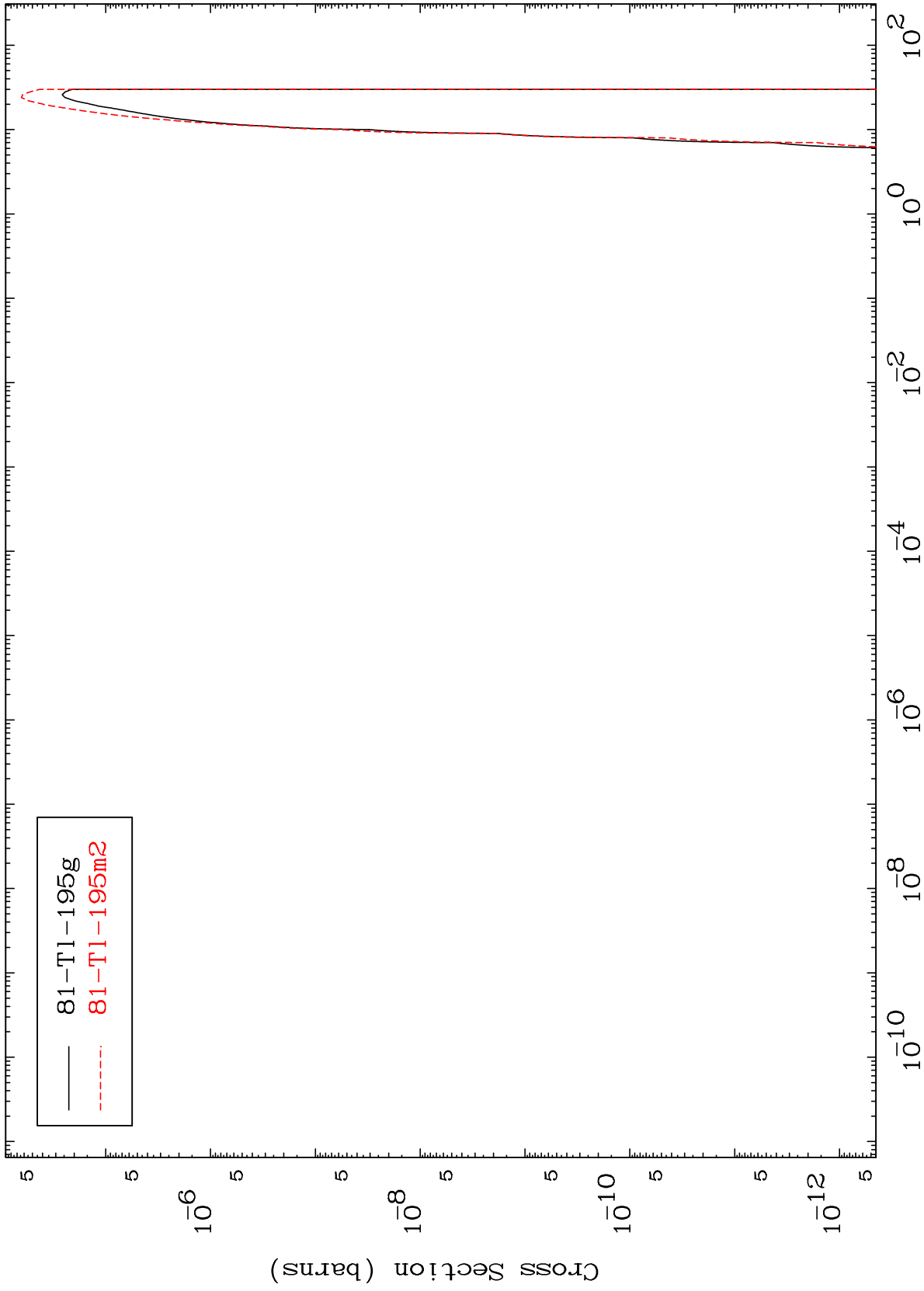
83-Bi-197

MAT 8290

(t,p) α

83-Bi-197

Radionuclide Production Cross Section



30

Incident Energy (MeV)

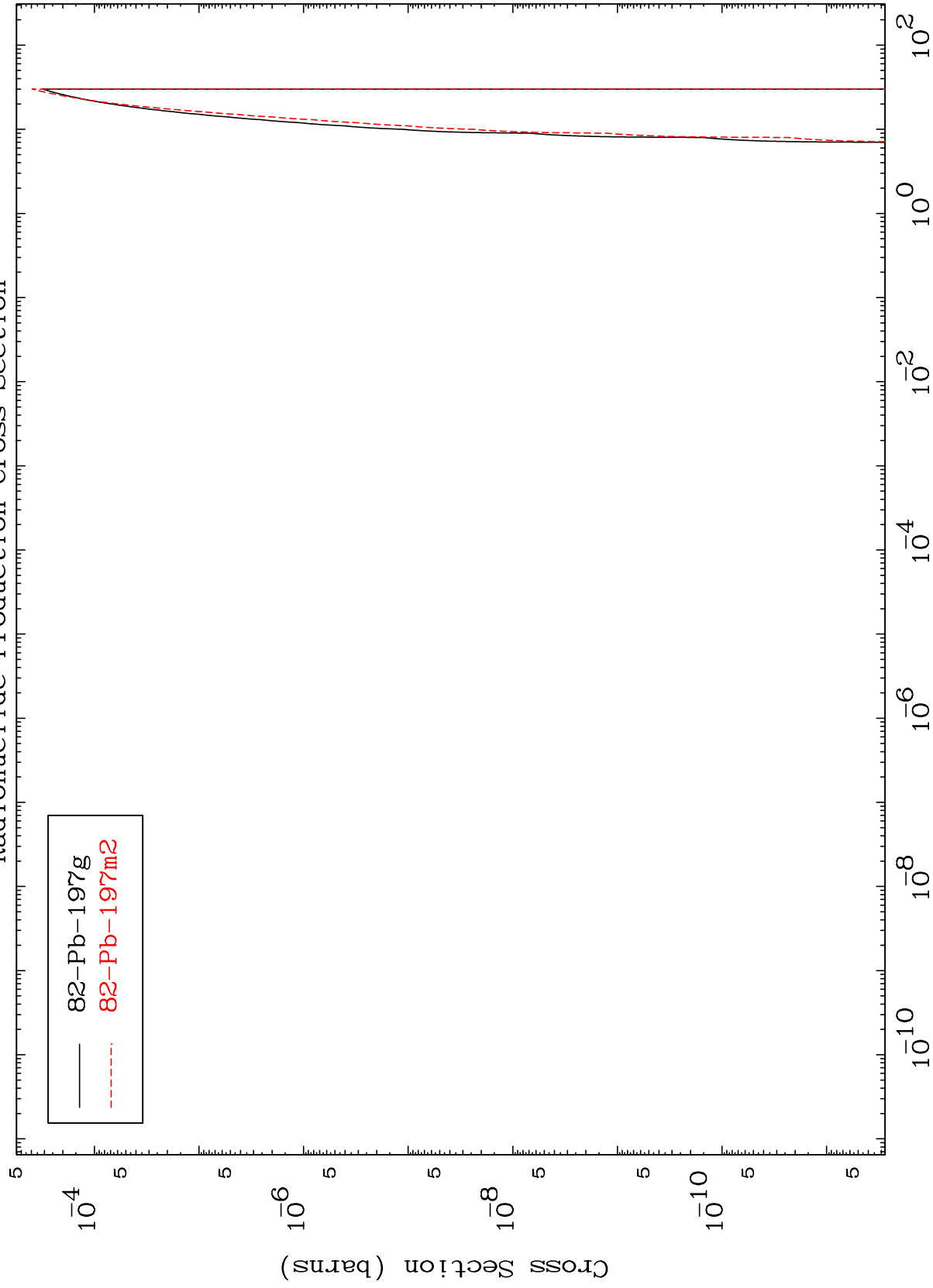
83-Bi-197

MAT 8290

(t,p) d

83-Bi-197

Radionuclide Production Cross Section



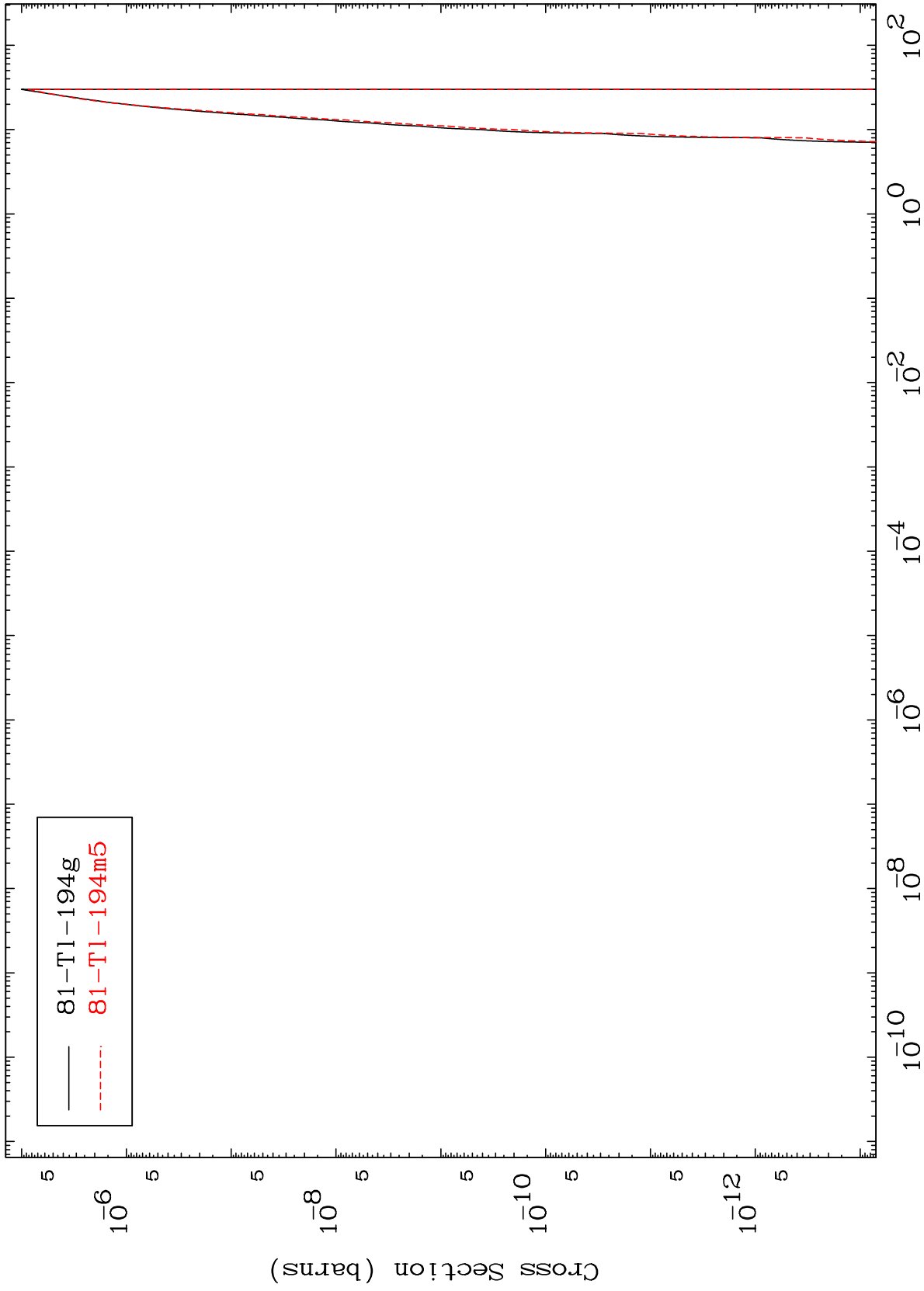
82-Pb-197g
82-Pb-197m2

MAT 8290

(t,d) α

83-Bi-197

Radionuclide Production Cross Section



32

Incident Energy (MeV)

83-Bi-197