

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

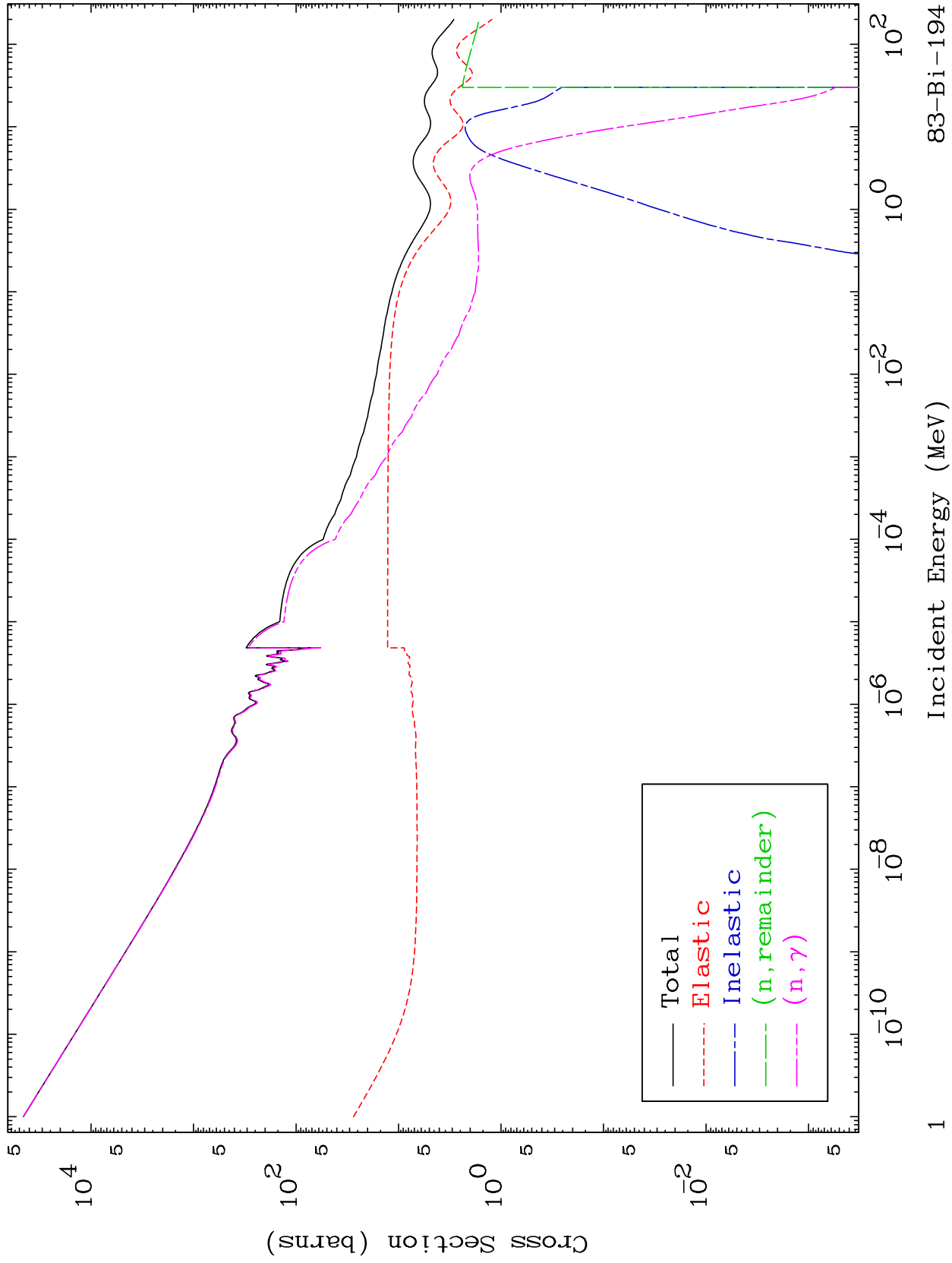
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8281

Major
293 Kelvin Cross Sections

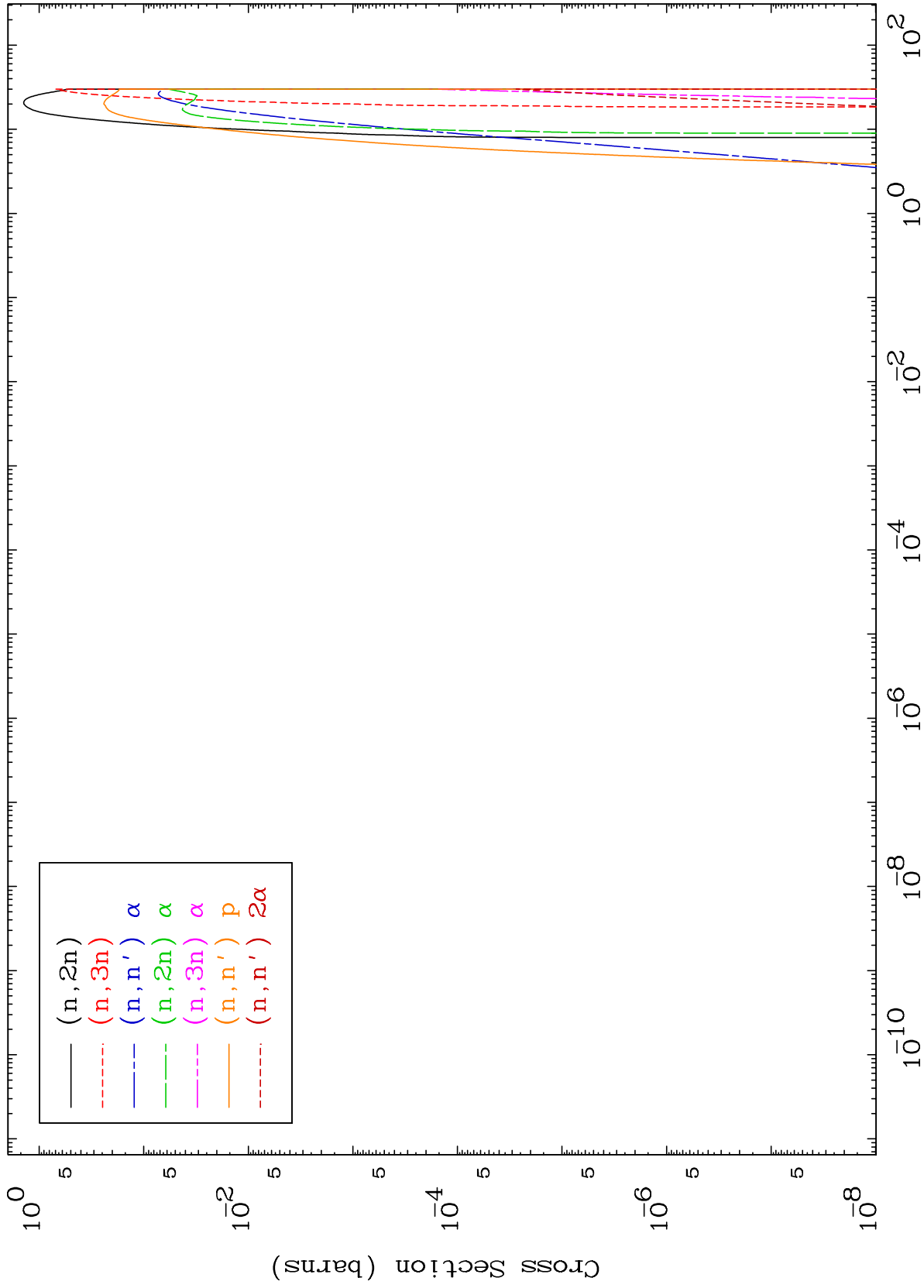
83-Bi-194



MAT 8281

Neutron Production
293 Kelvin Cross Sections

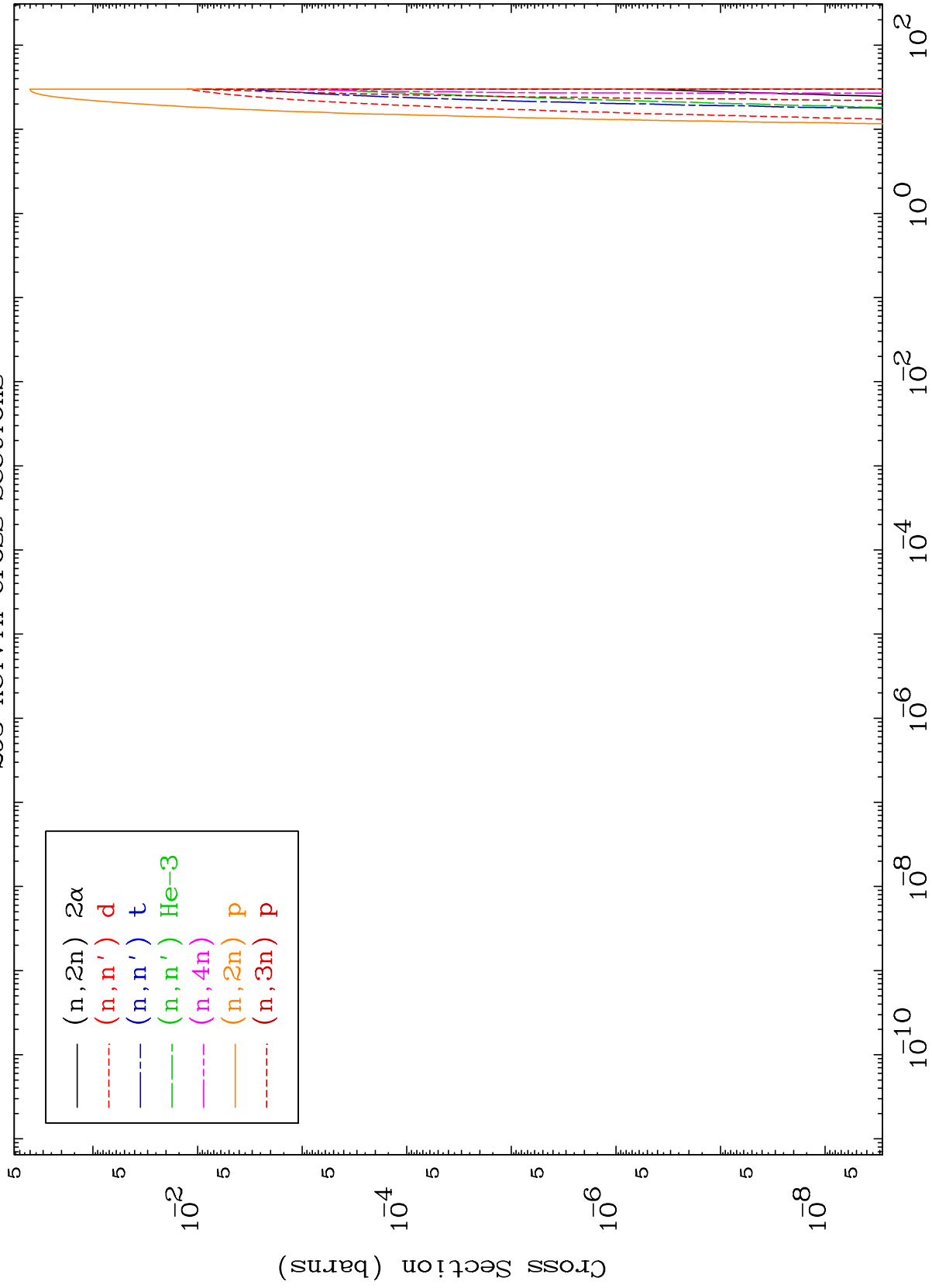
83-Bi-194



MAT 8281

Neutron Production
293 Kelvin Cross Sections

83-Bi-194



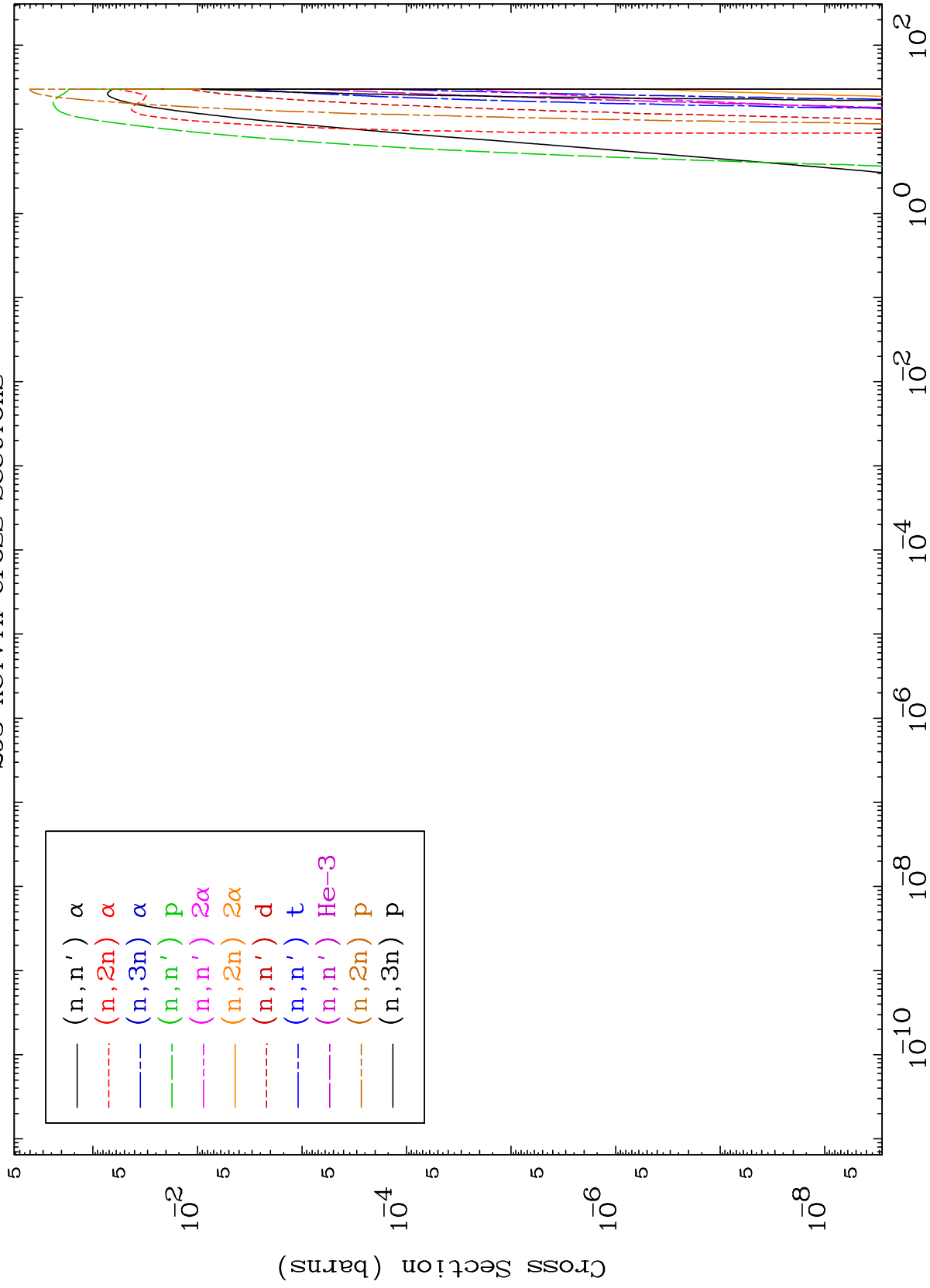
3

83-Bi-194

MAT 8281

Charged Particle
293 Kelvin Cross Sections

83-Bi-194

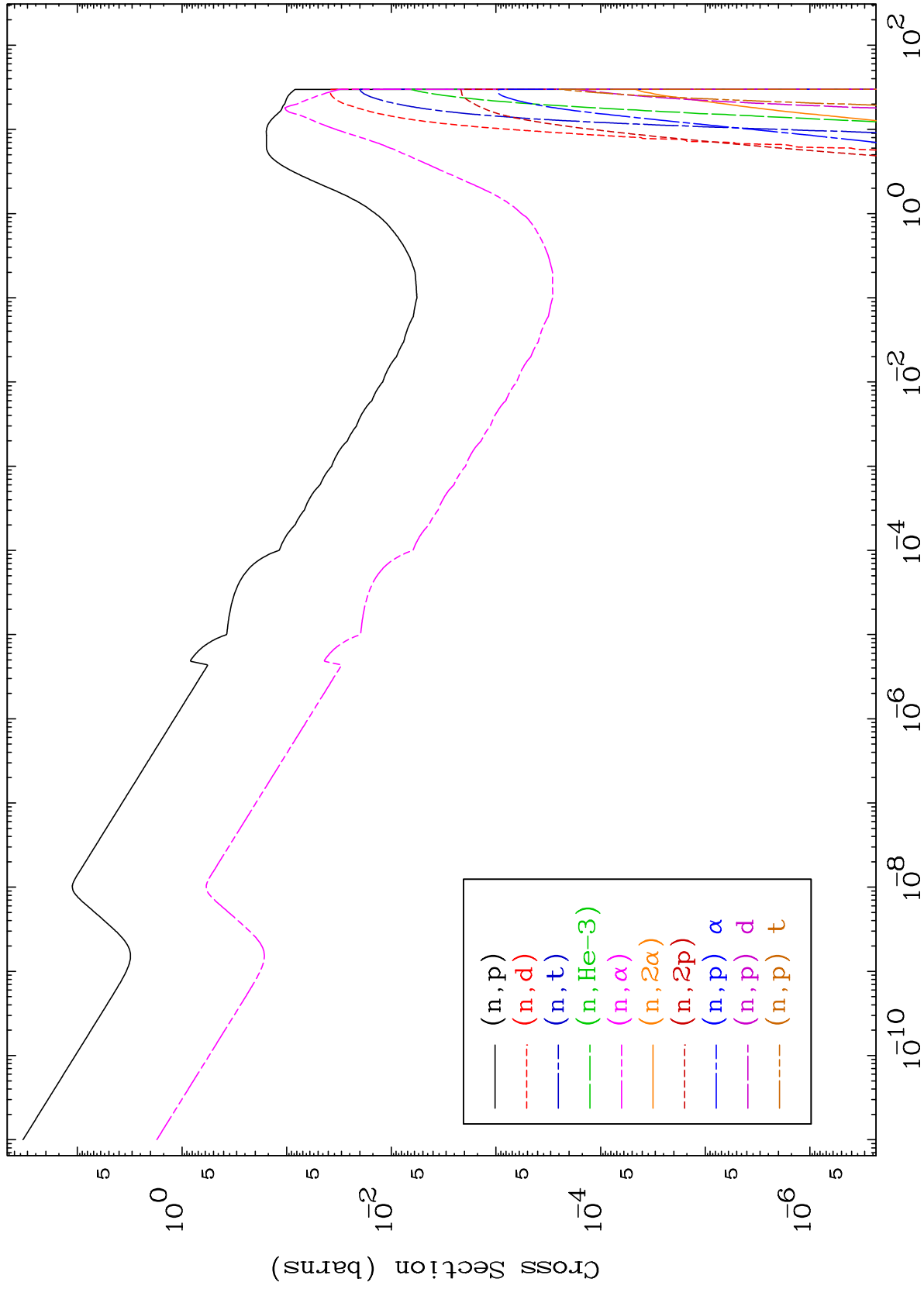


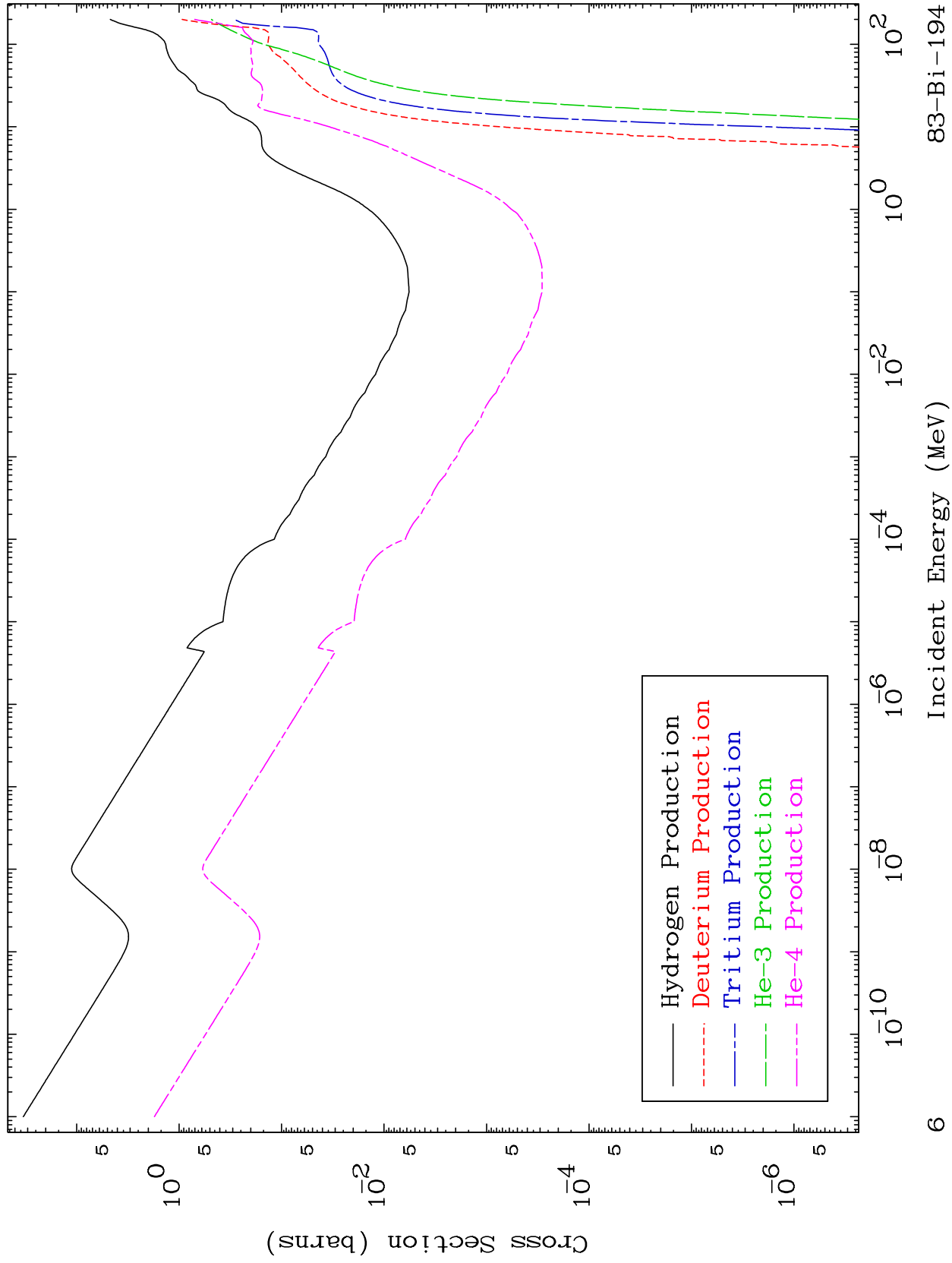
83-Bi-194

MAT 8281

293 Kelvin Cross Sections

83-Bi-194

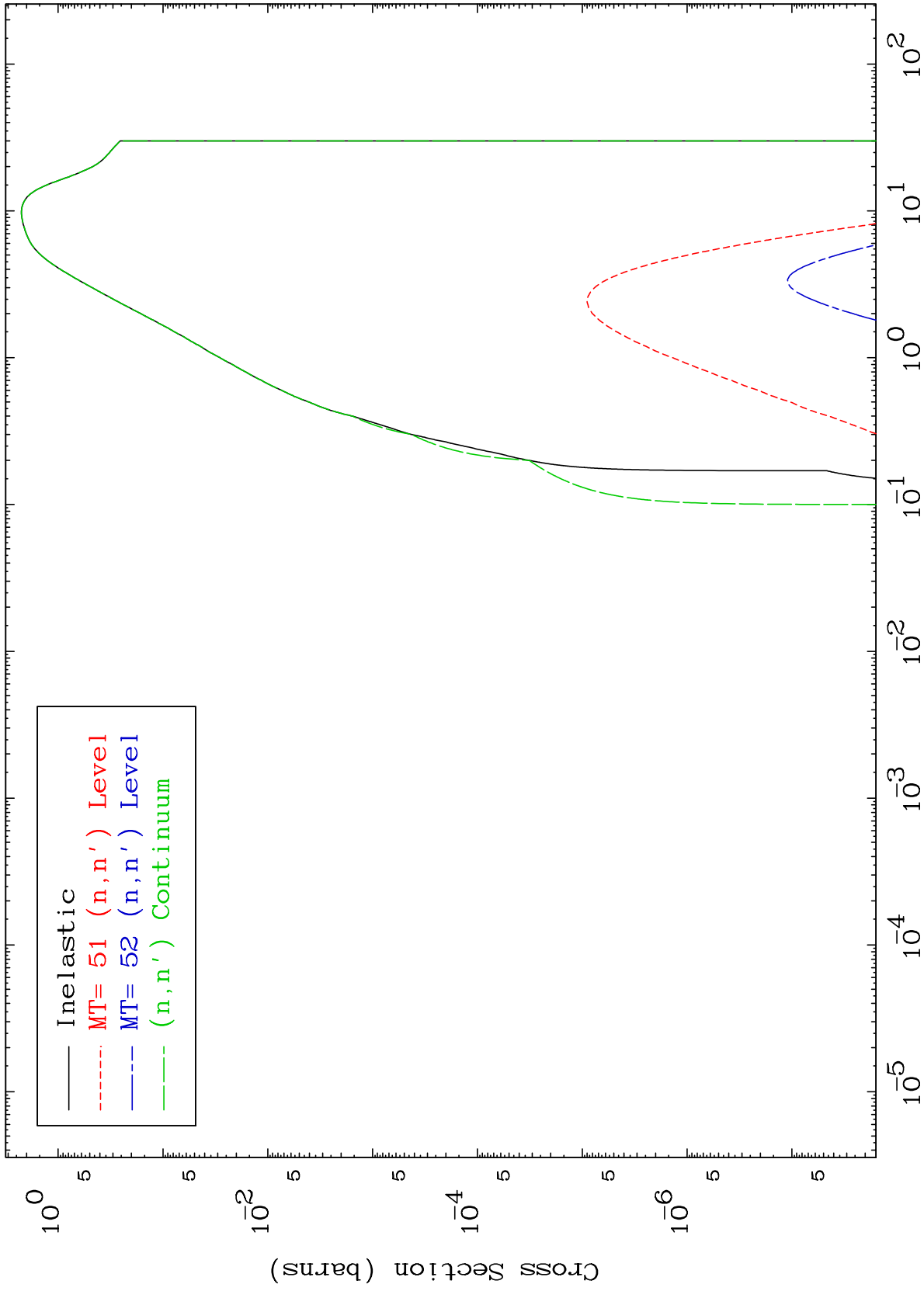




MAT 8281

(n,n') Level
293 Kelvin Cross Sections

83-Bi-194

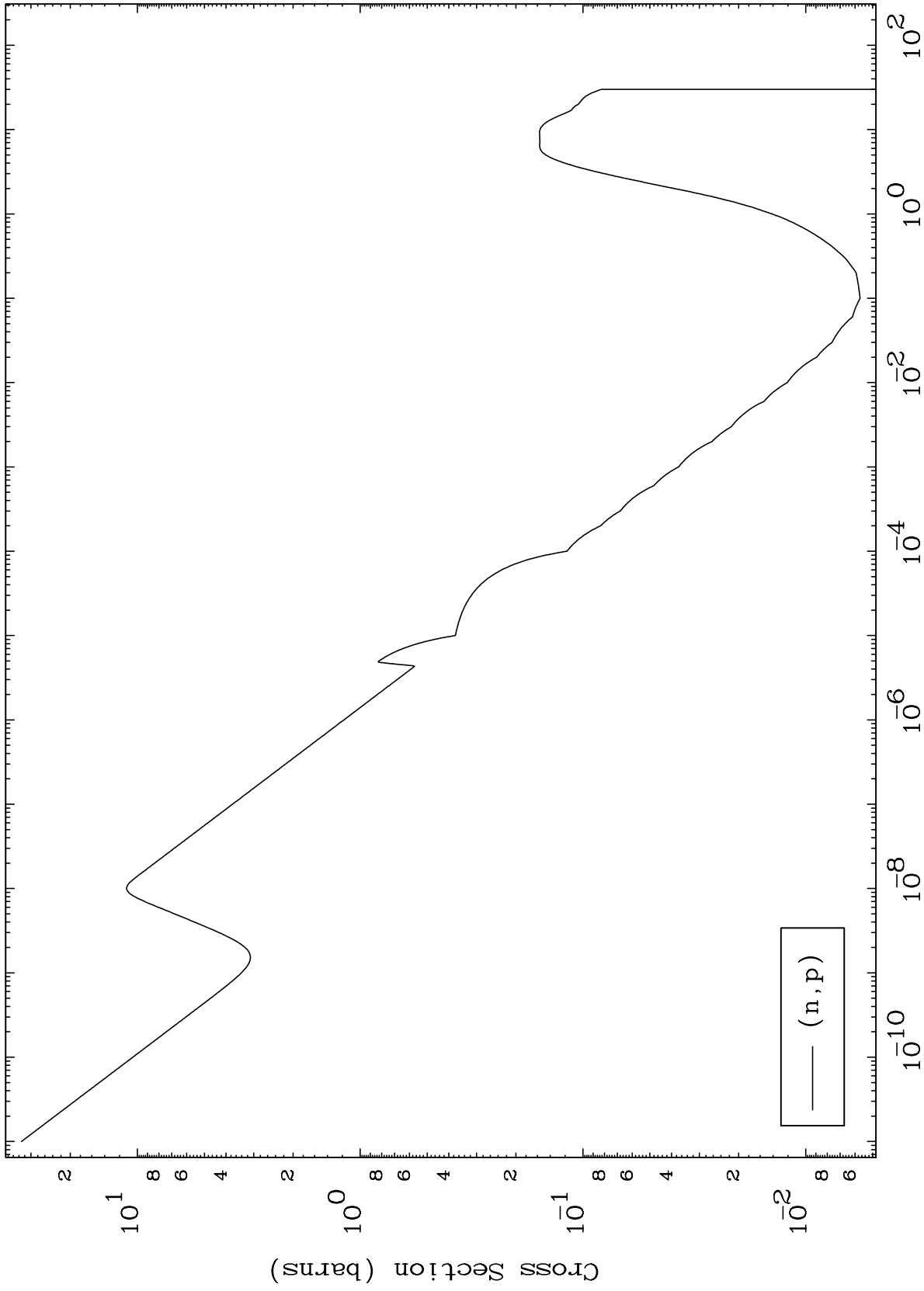


83-Bi-194

MAT 8281

(n,p) Levels
293 Kelvin Cross Sections

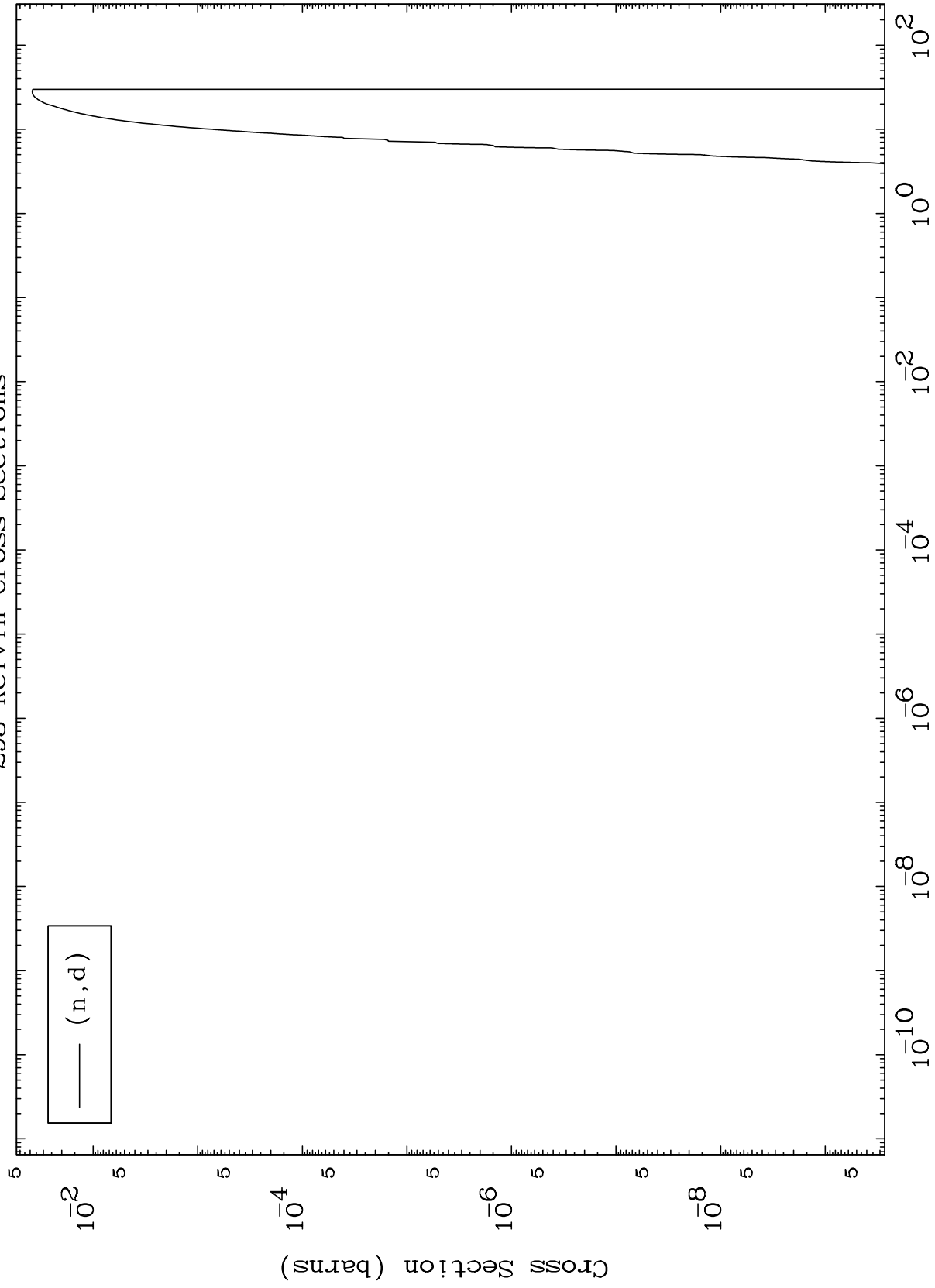
83-Bi-194



MAT 8281

(n,d) Levels
293 Kelvin Cross Sections

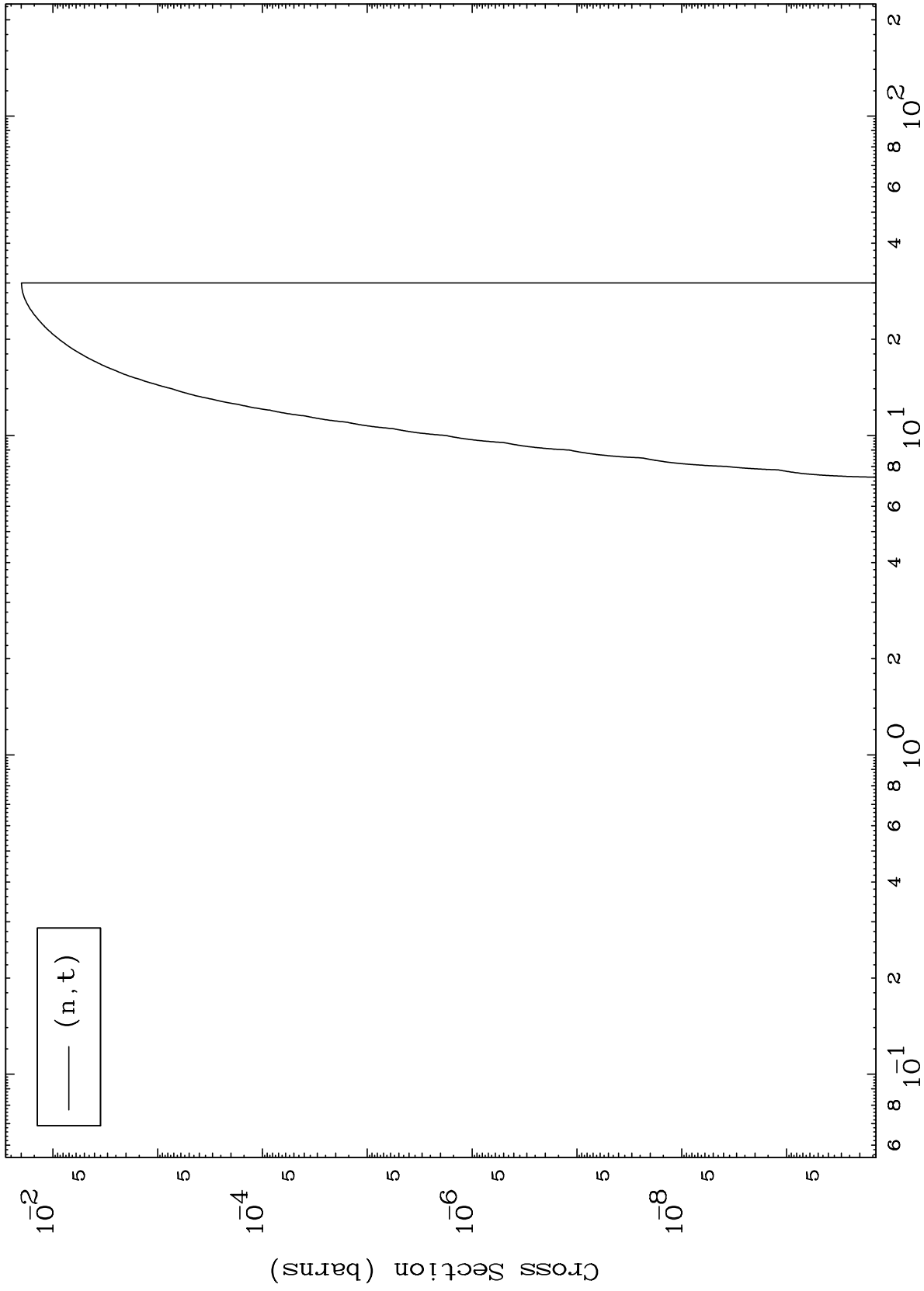
83-Bi-194



MAT 8281

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-194



10

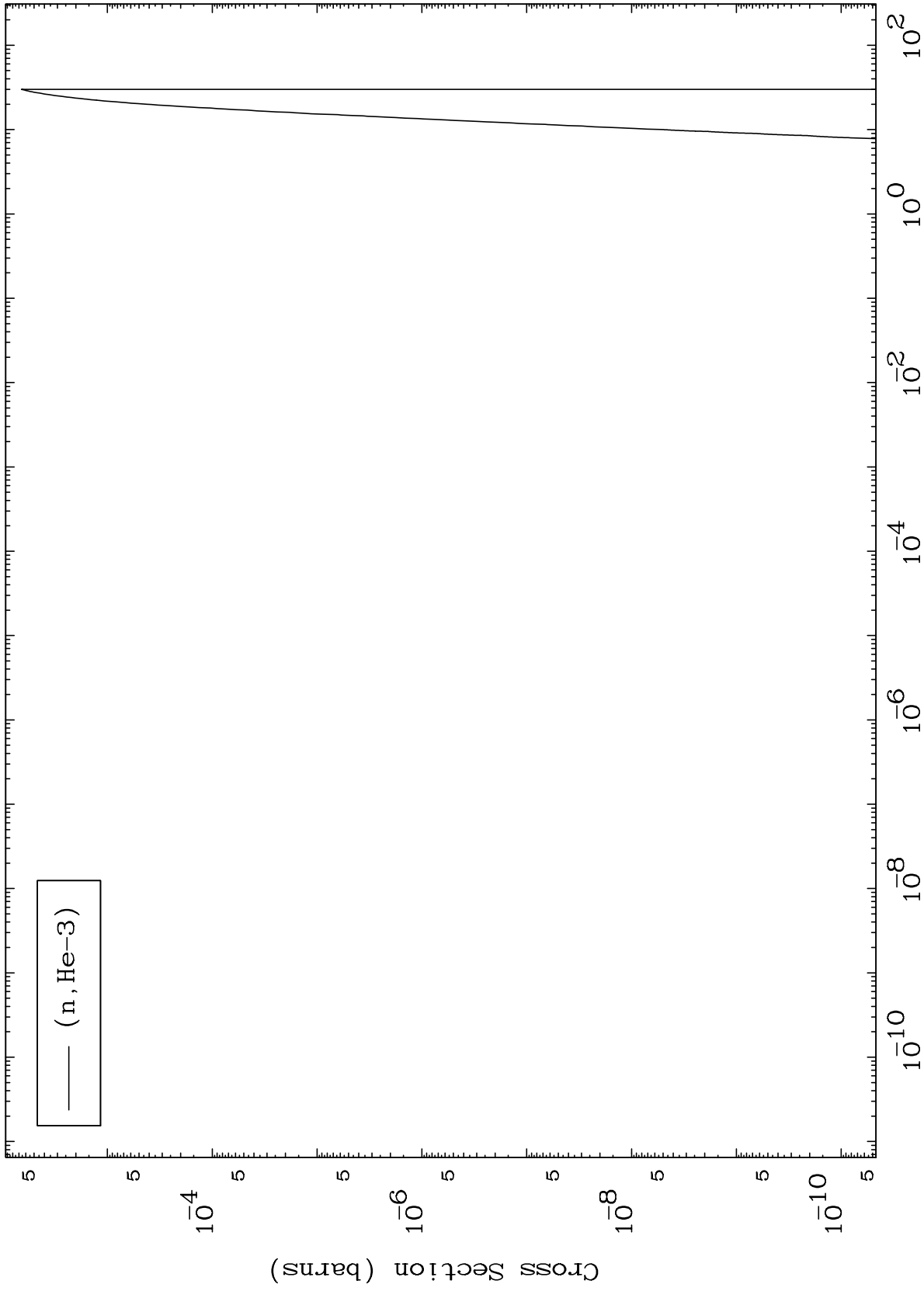
Incident Energy (MeV)

83-Bi-194

MAT 8281

(n,He3) Levels
293 Kelvin Cross Sections

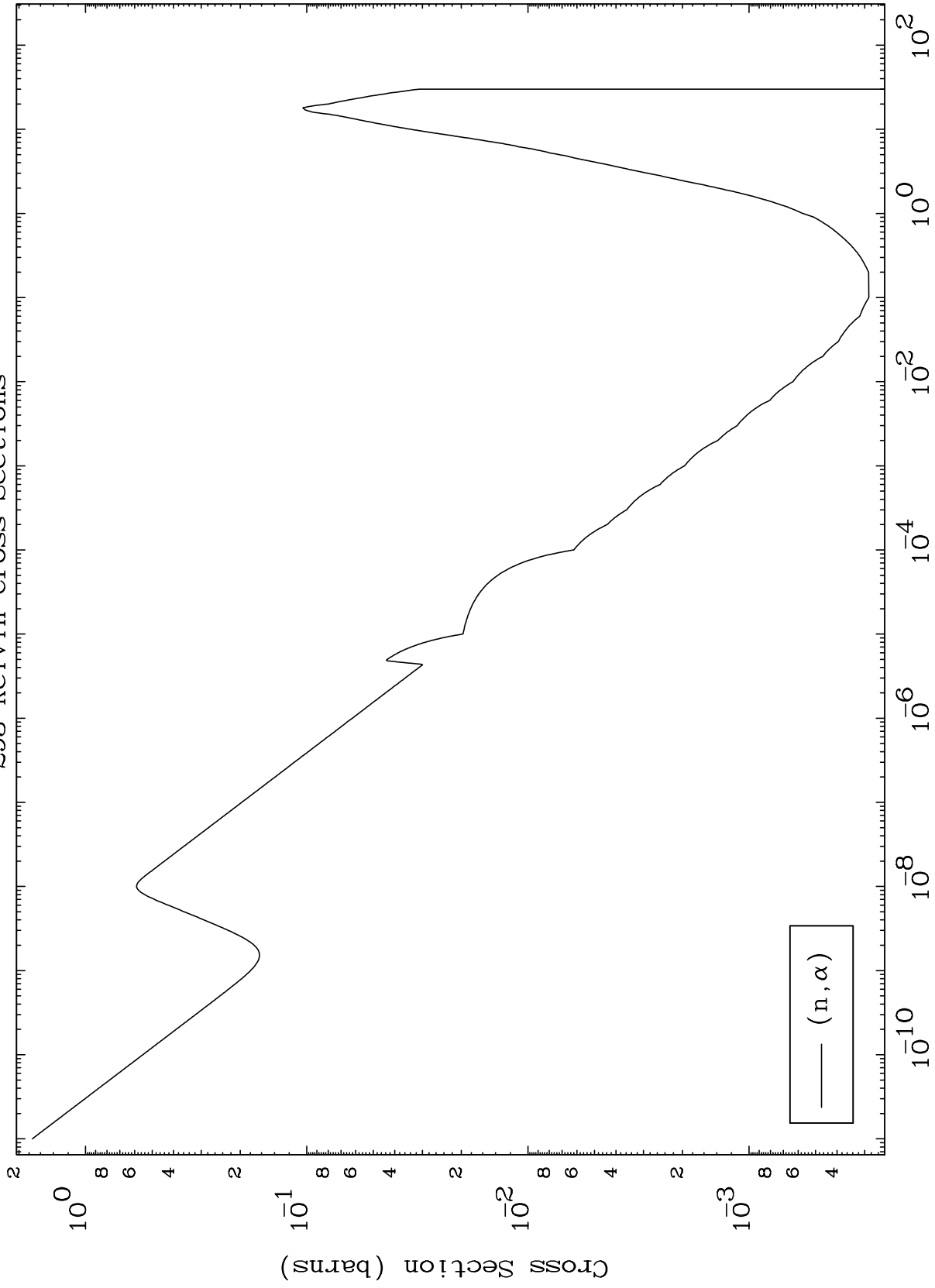
83-Bi-194



MAT 8281

(n,α) Levels
293 Kelvin Cross Sections

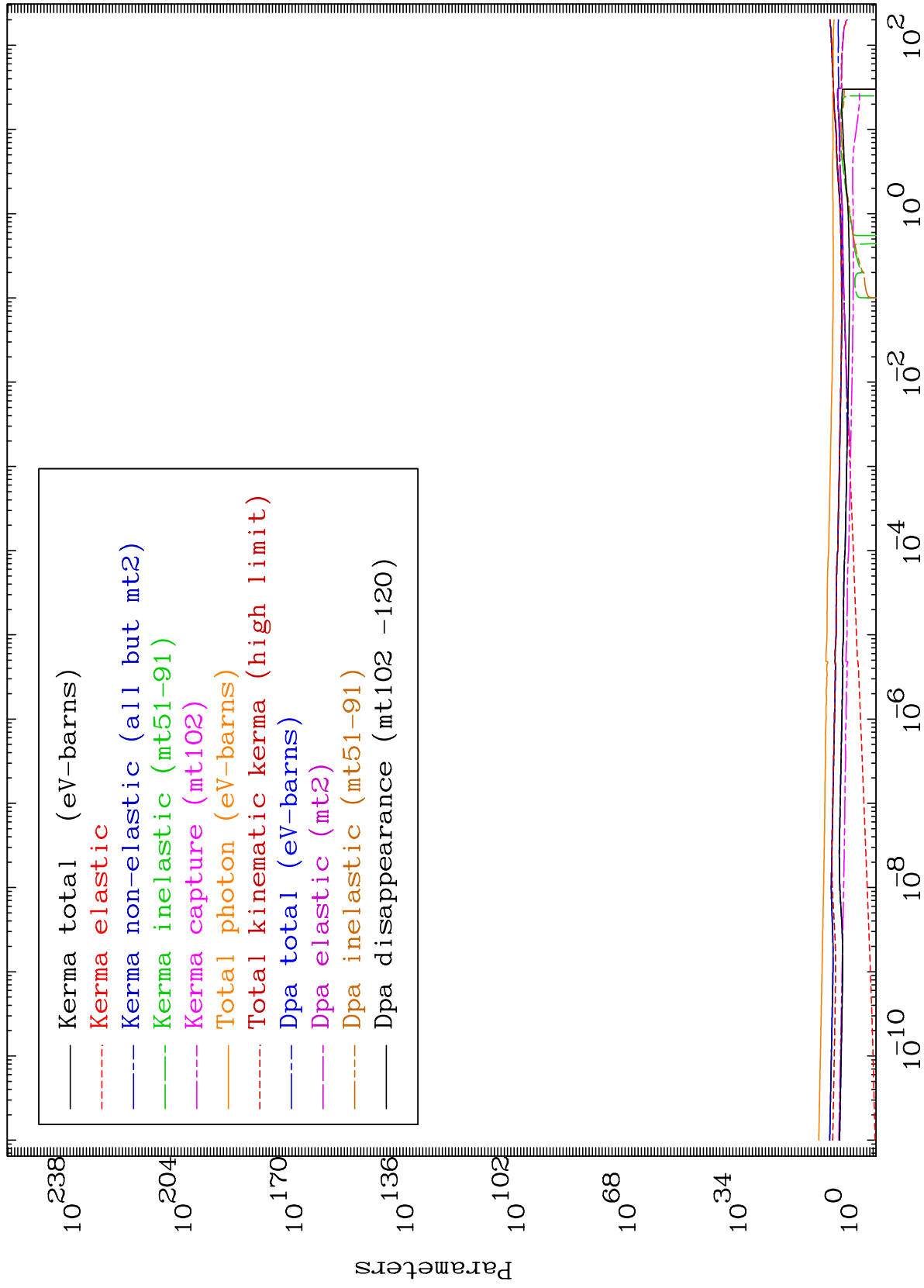
83-Bi-194



12

Incident Energy (MeV)

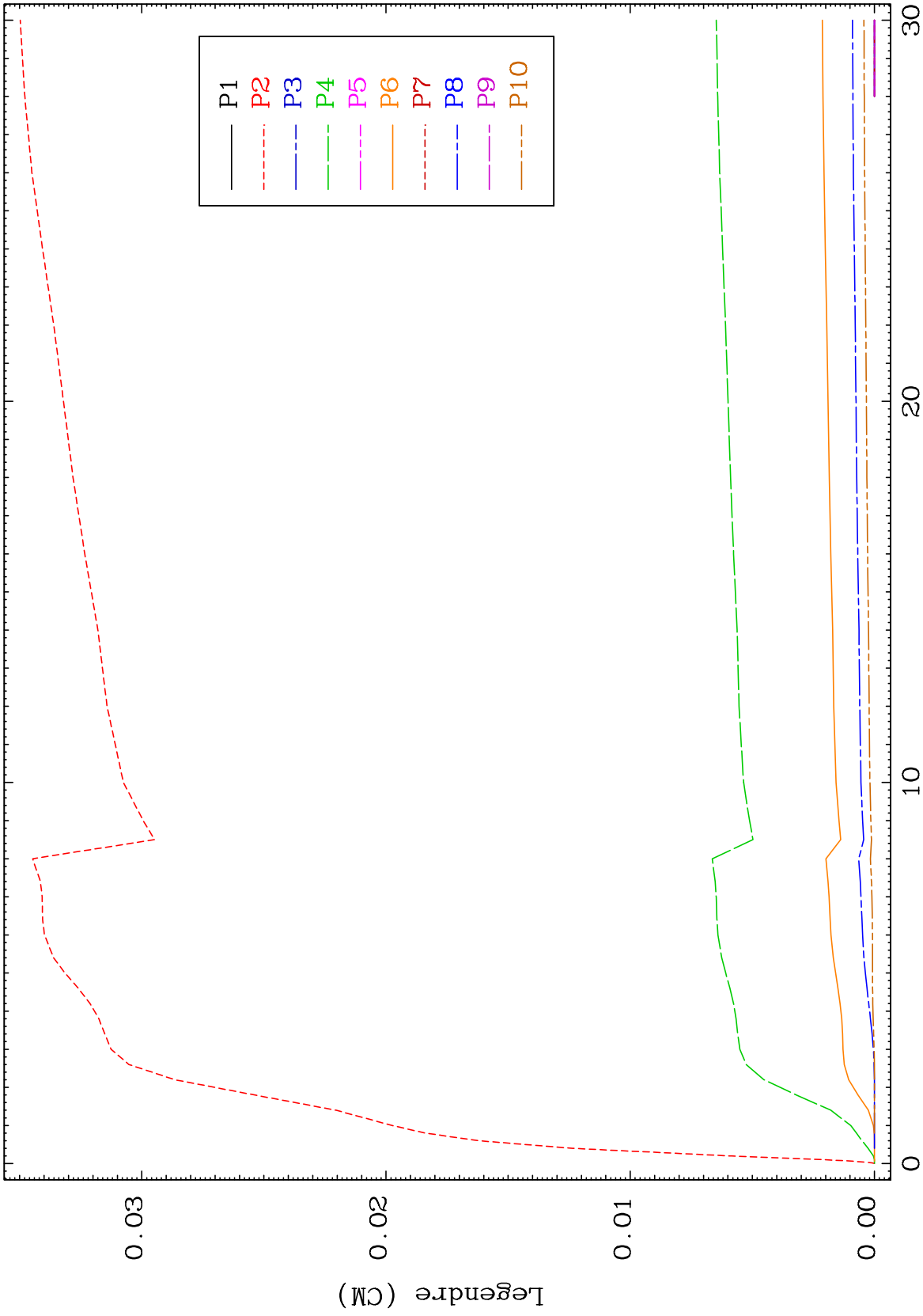
83-Bi-194



83-Bi-194

Elastic Legendre Coefficients

MAT 8281



83-Bi-194

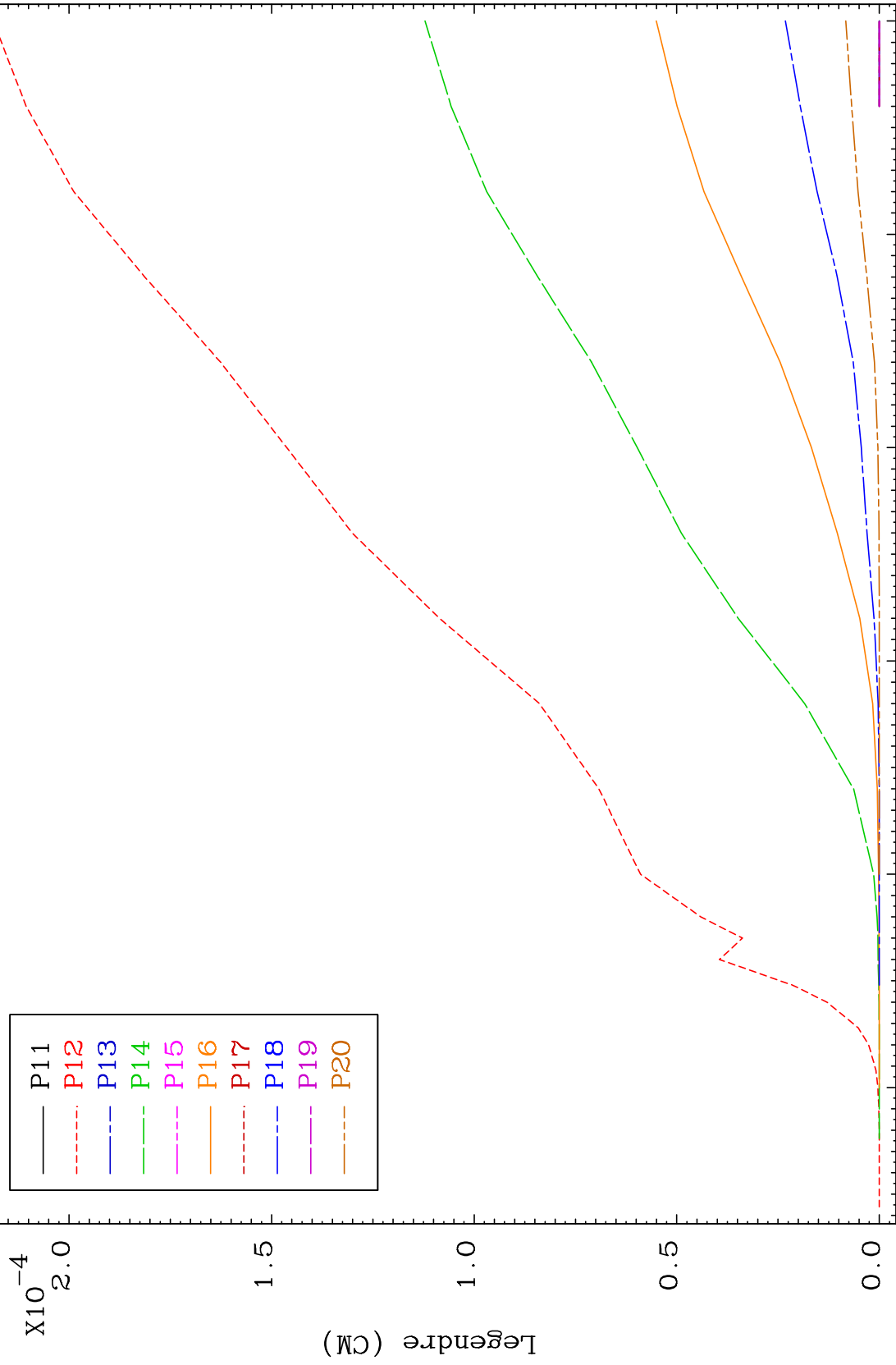
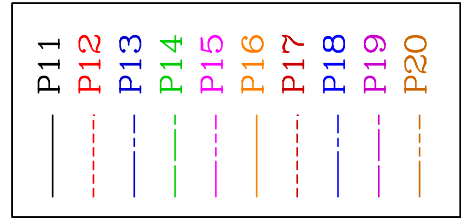
Incident Energy (MeV)

14

MAT 8281

Elastic Legendre Coefficients

83-Bi-194



15

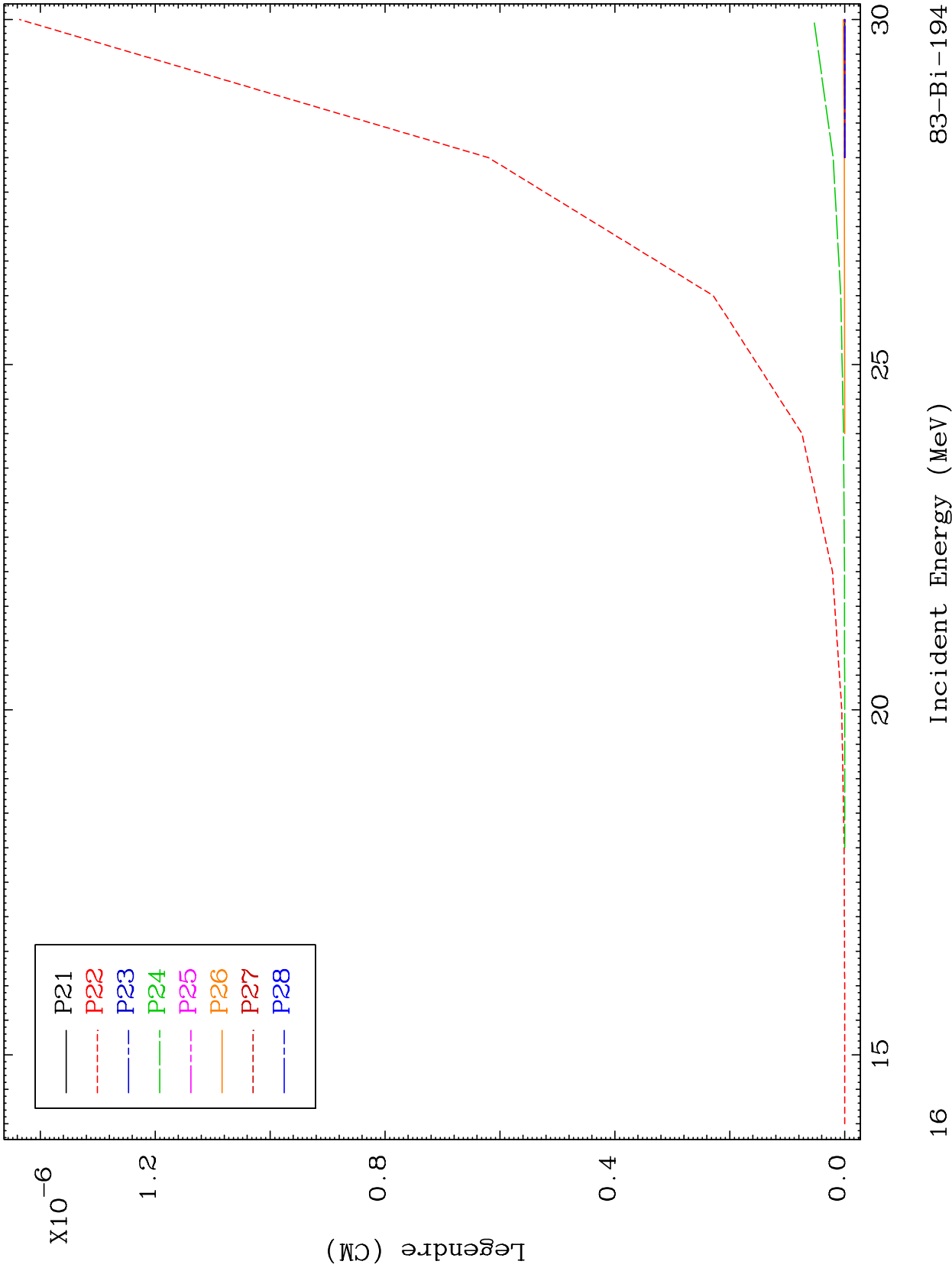
Incident Energy (MeV)

83-Bi-194

MAT 8281

Elastic Legendre Coefficients

83-Bi-194



16

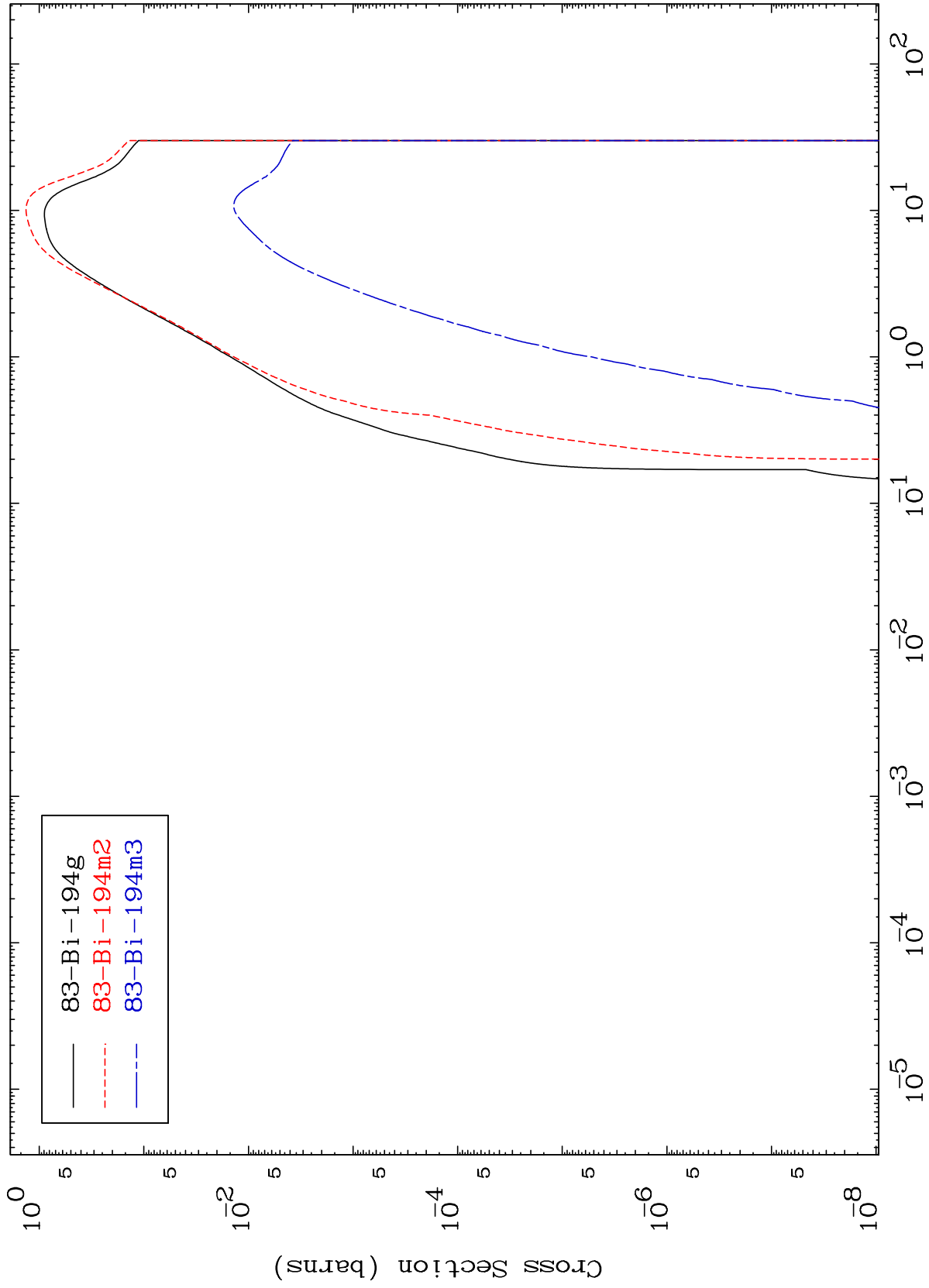
Incident Energy (MeV)

83-Bi-194

MAT 8281

Inelastic
Radionuclide Production Cross Section

83-Bi-194



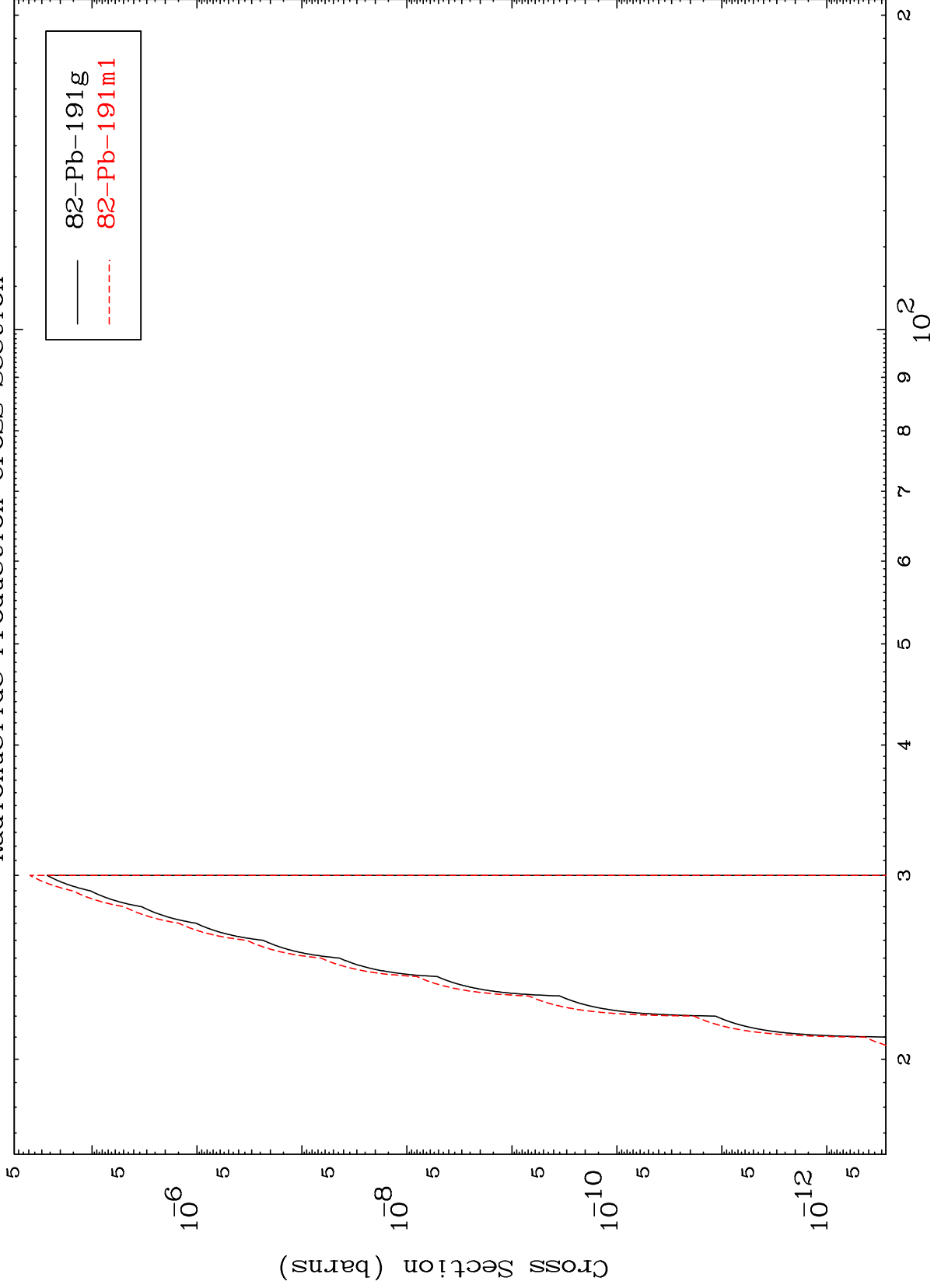
83-Bi-194

MAT 8281

(n,2n) d

83-Bi-194

Radionuclide Production Cross Section



18

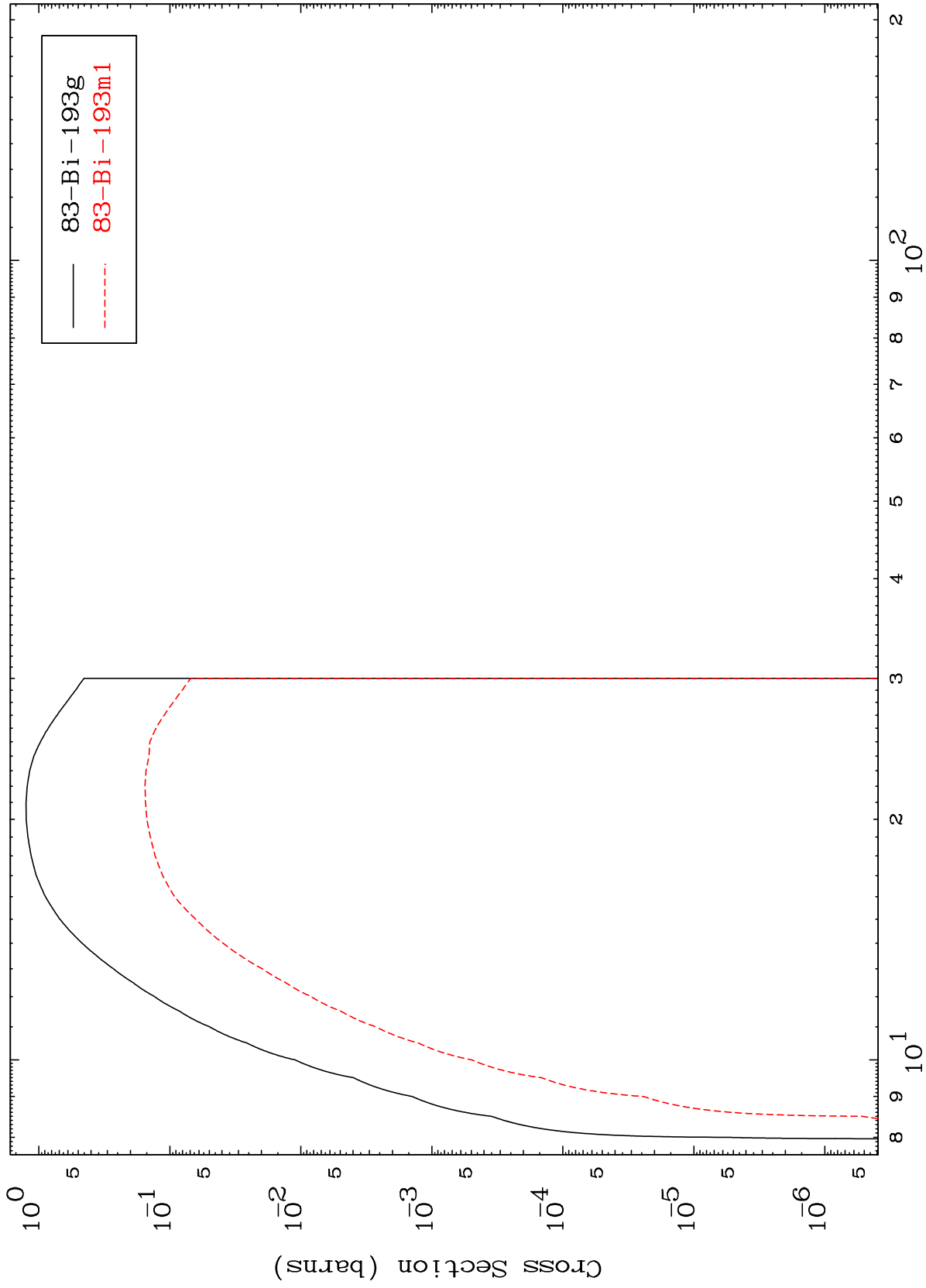
Incident Energy (MeV)

83-Bi-194

MAT 8281

83-Bi-194

(n,2n)
Radionuclide Production Cross Section



19

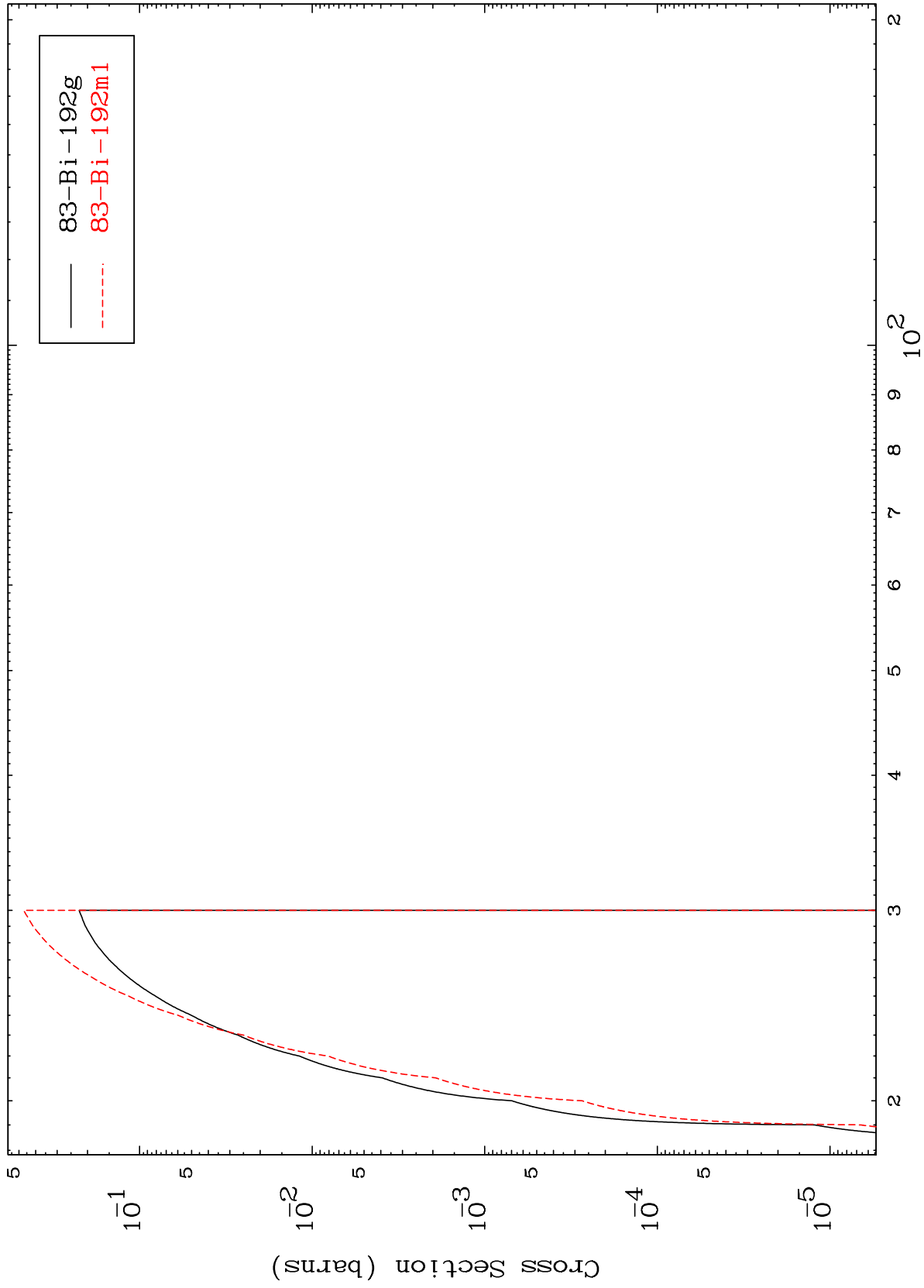
Incident Energy (MeV)

83-Bi-194

MAT 8281

83-Bi-194

(n,3n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

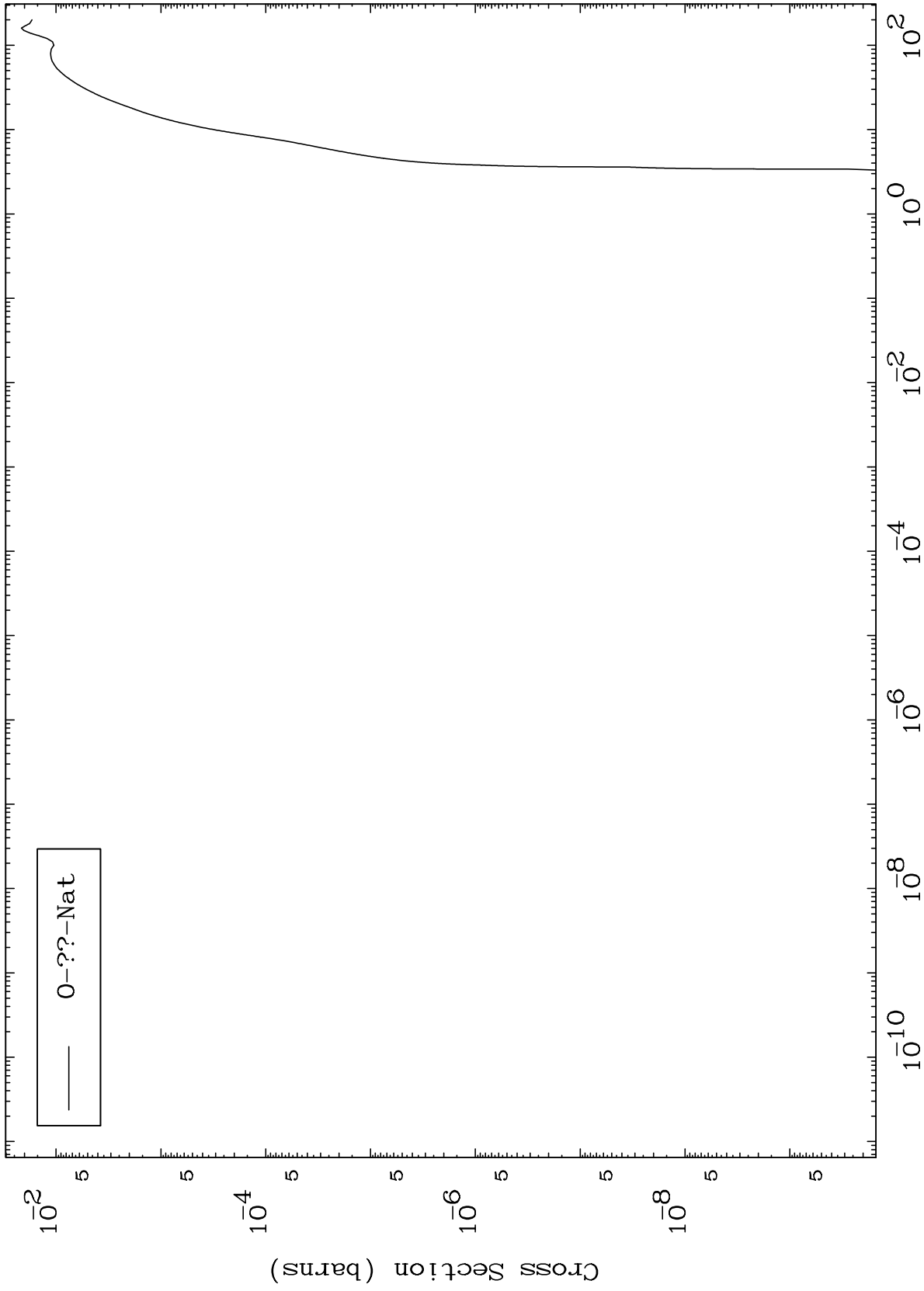
83-Bi-194

MAT 8281

Fission

83-Bi-194

Radionuclide Production Cross Section



21

Incident Energy (MeV)

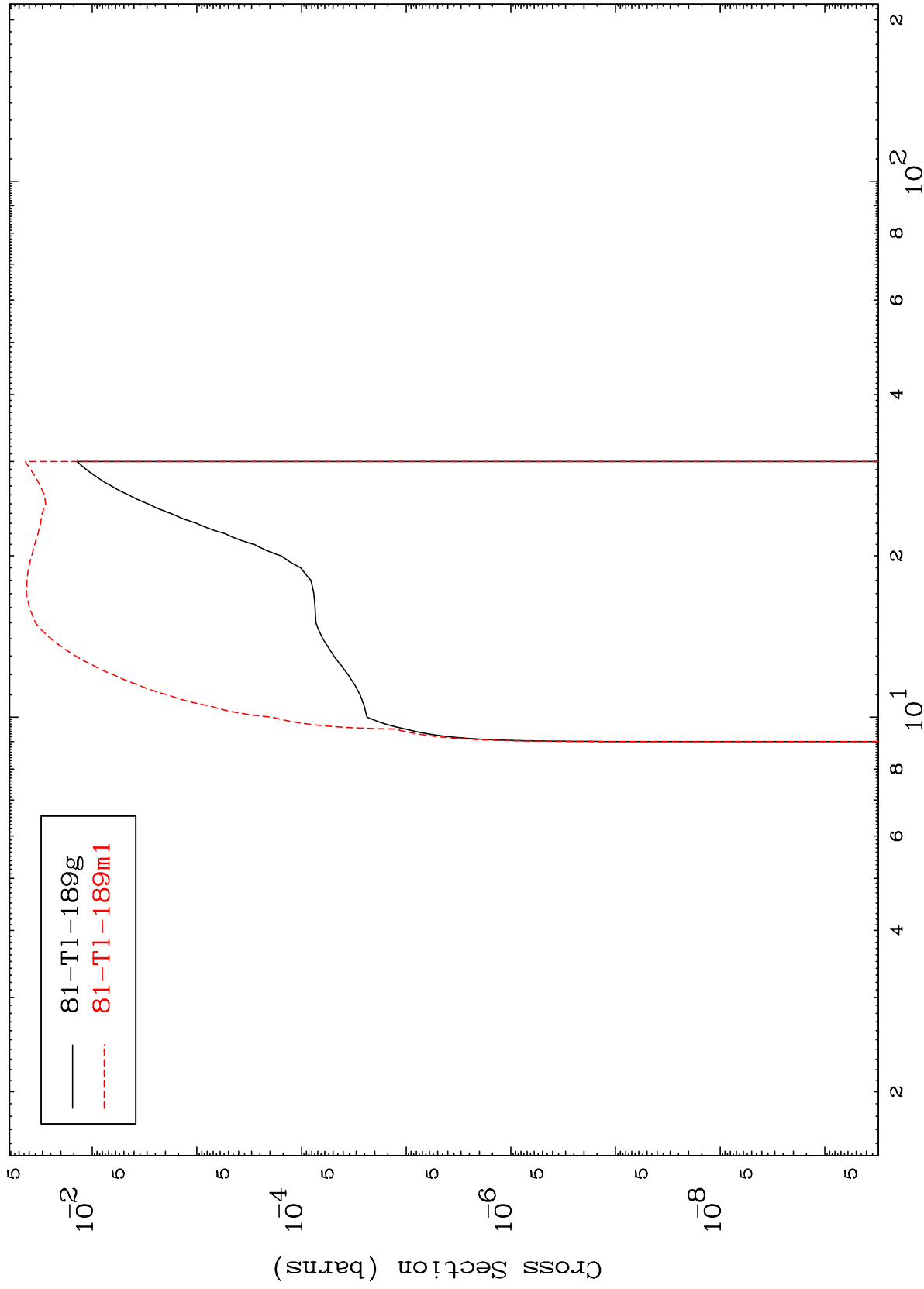
83-Bi-194

MAT 8281

(n,2n) α

83-Bi-194

Radionuclide Production Cross Section



22

Incident Energy (MeV)

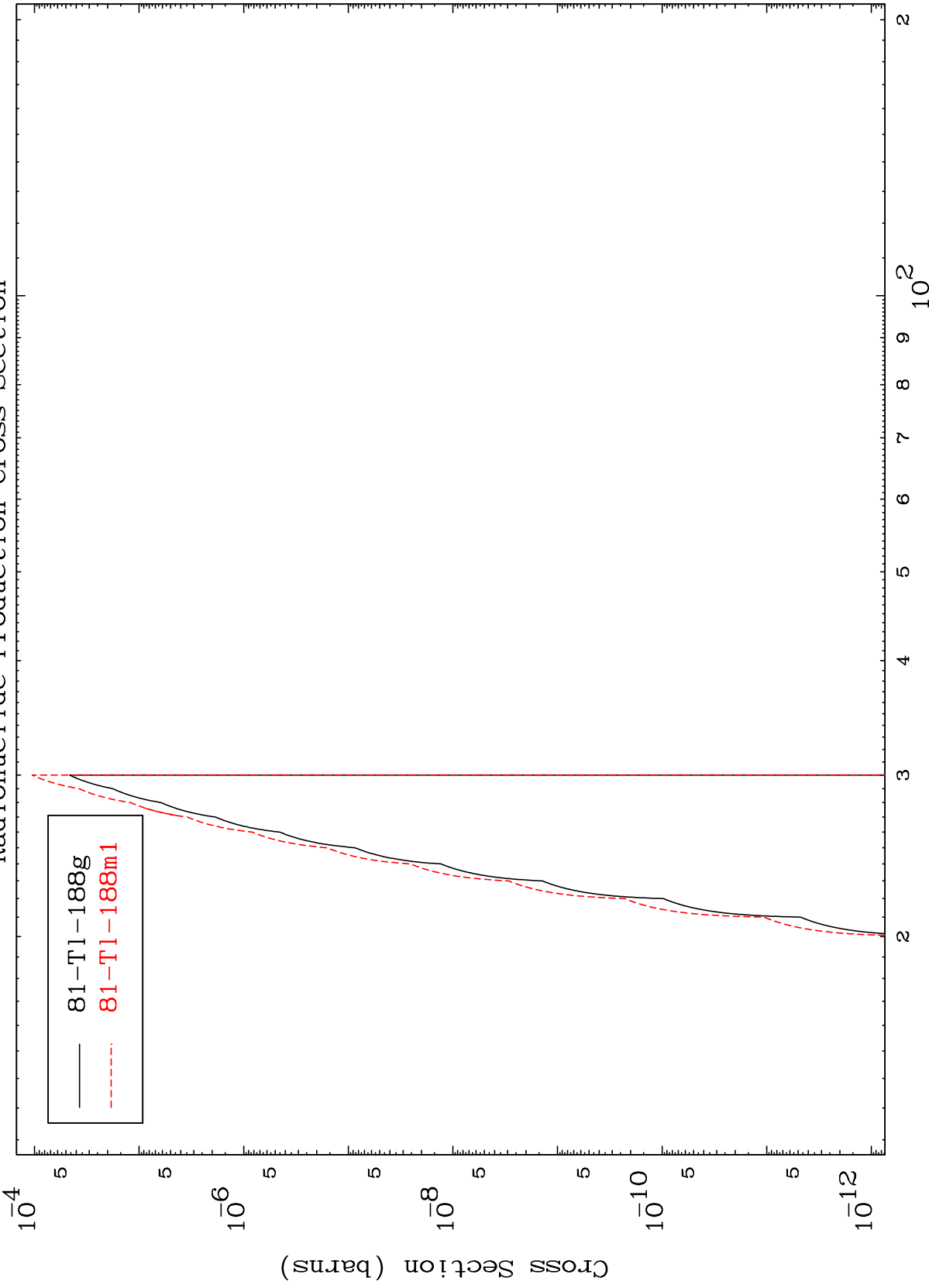
83-Bi-194

MAT 8281

(n,3n) α

83-Bi-194

Radionuclide Production Cross Section

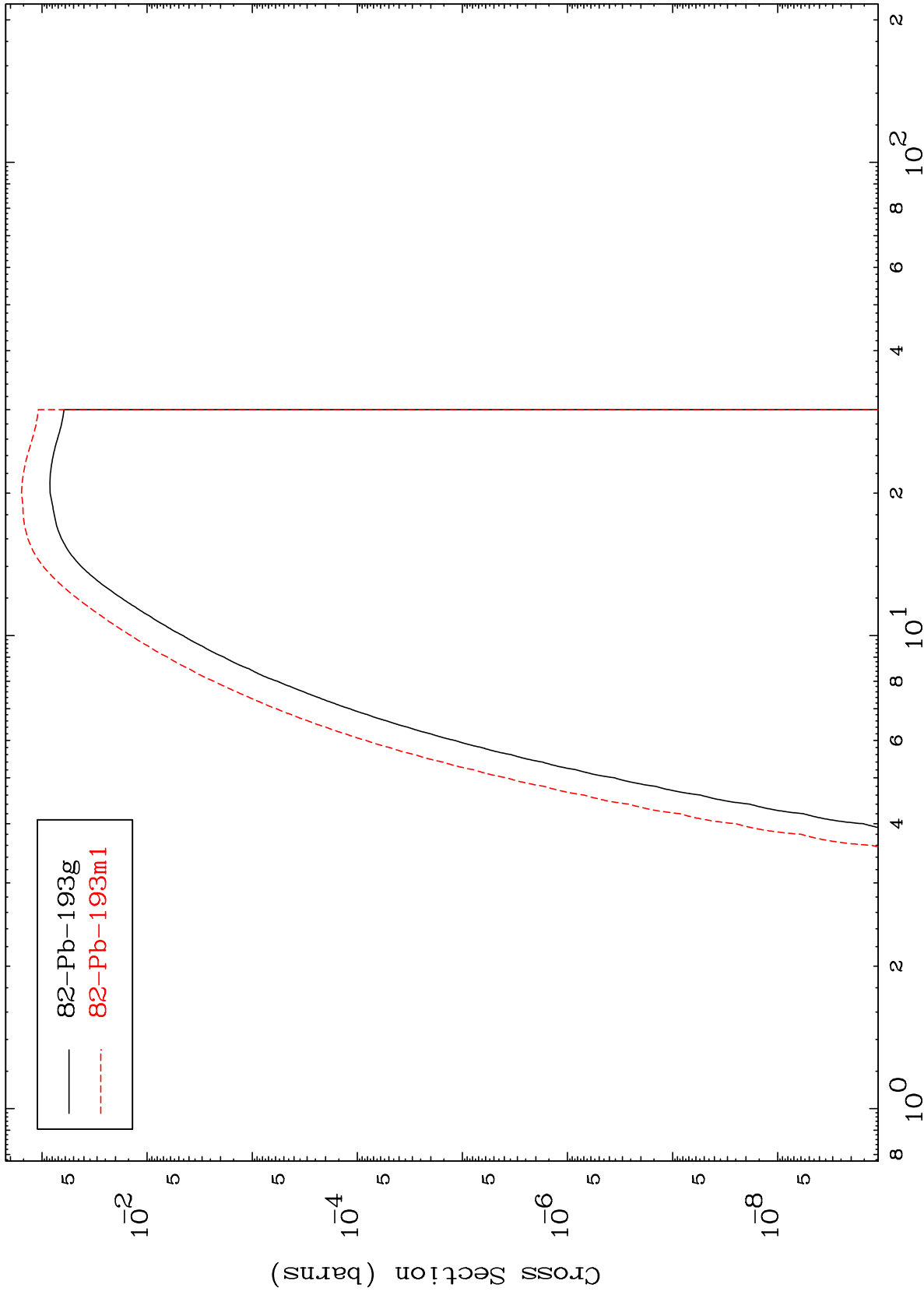


MAT 8281

(n,n') p

83-Bi-194

Radionuclide Production Cross Section



24

Incident Energy (MeV)

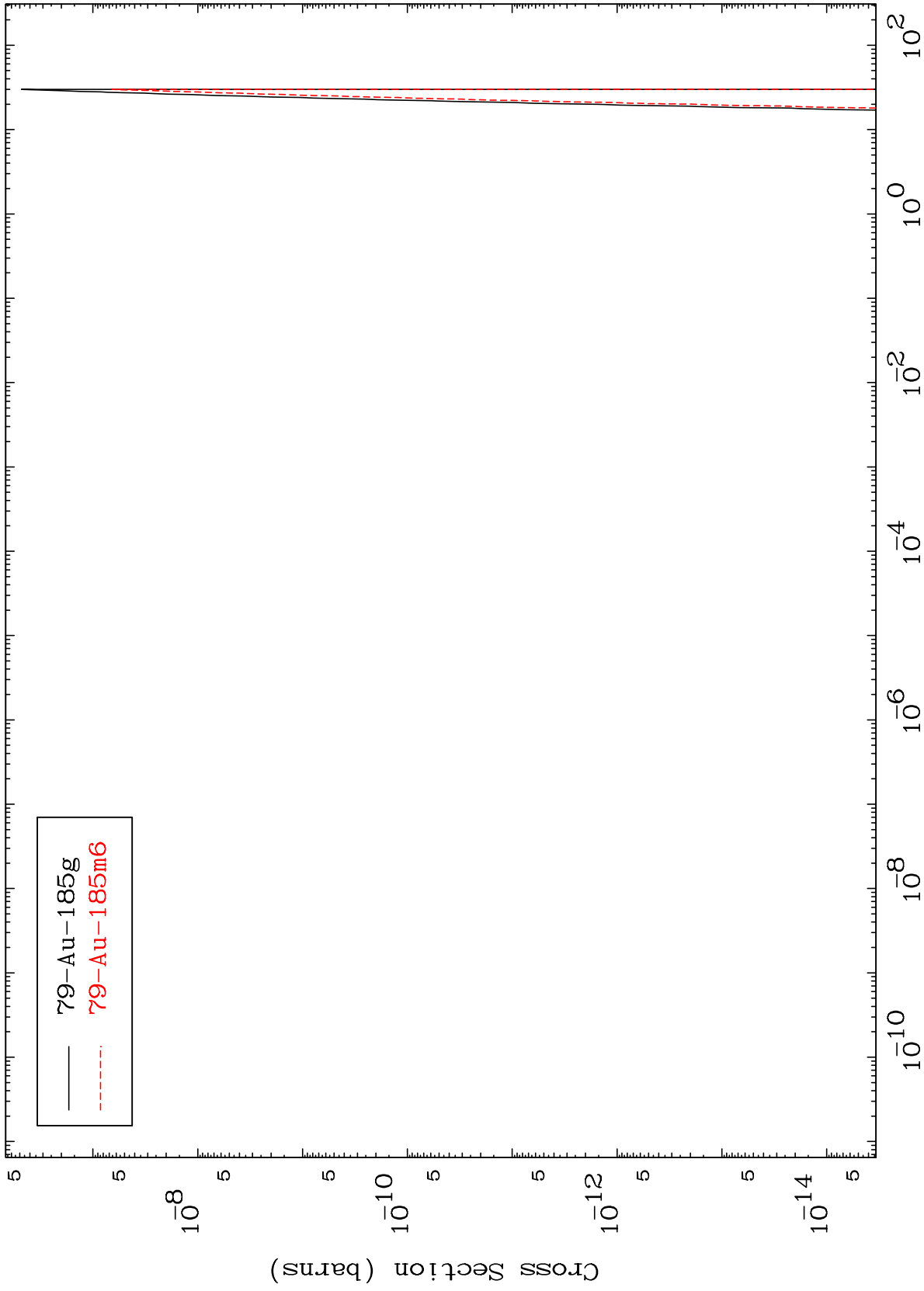
83-Bi-194

MAT 8281

(n,2n) 2 α

83-Bi-194

Radionuclide Production Cross Section



25

Incident Energy (MeV)

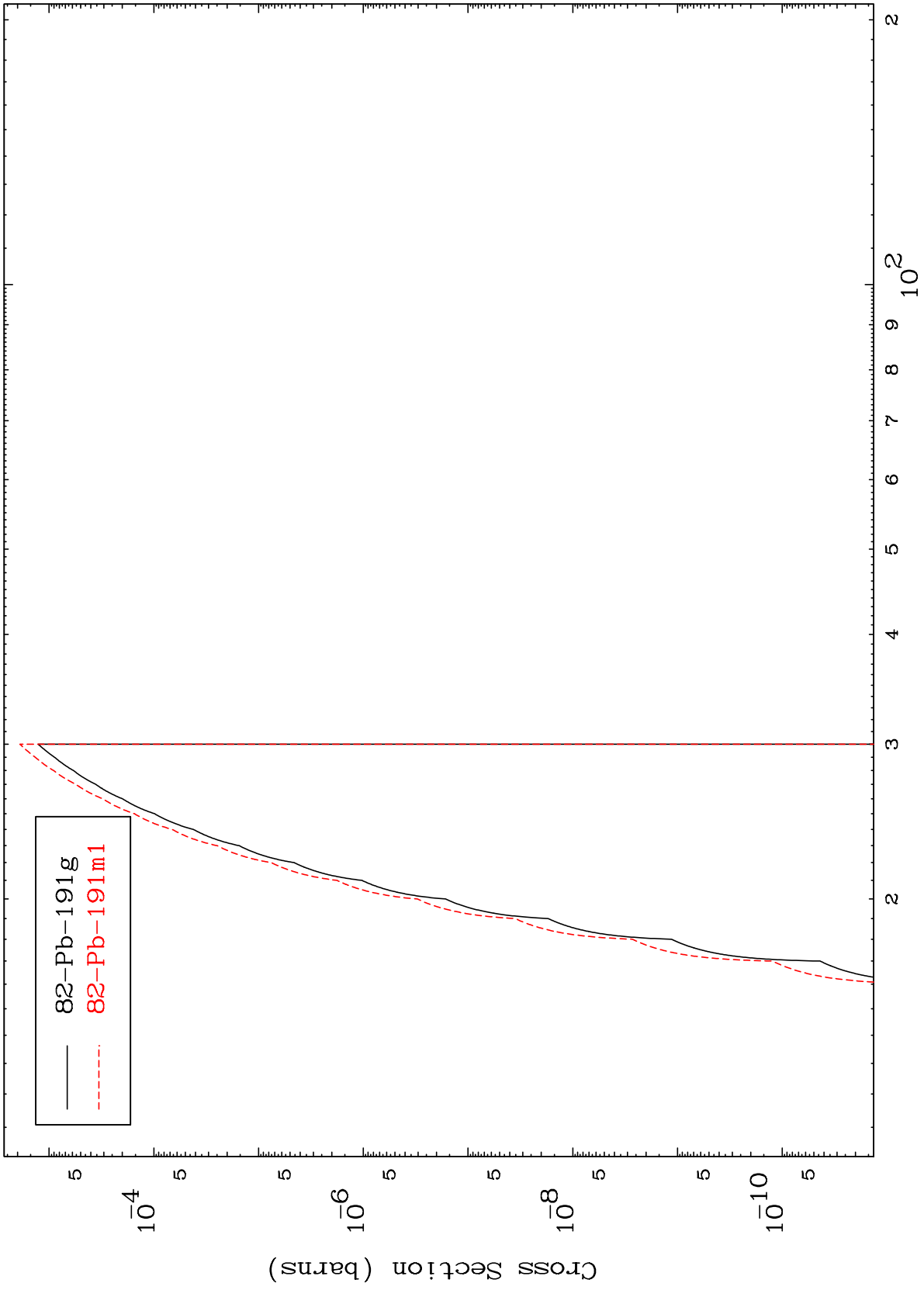
83-Bi-194

MAT 8281

(n,n') t

83-Bi-194

Radionuclide Production Cross Section



26

Incident Energy (MeV)

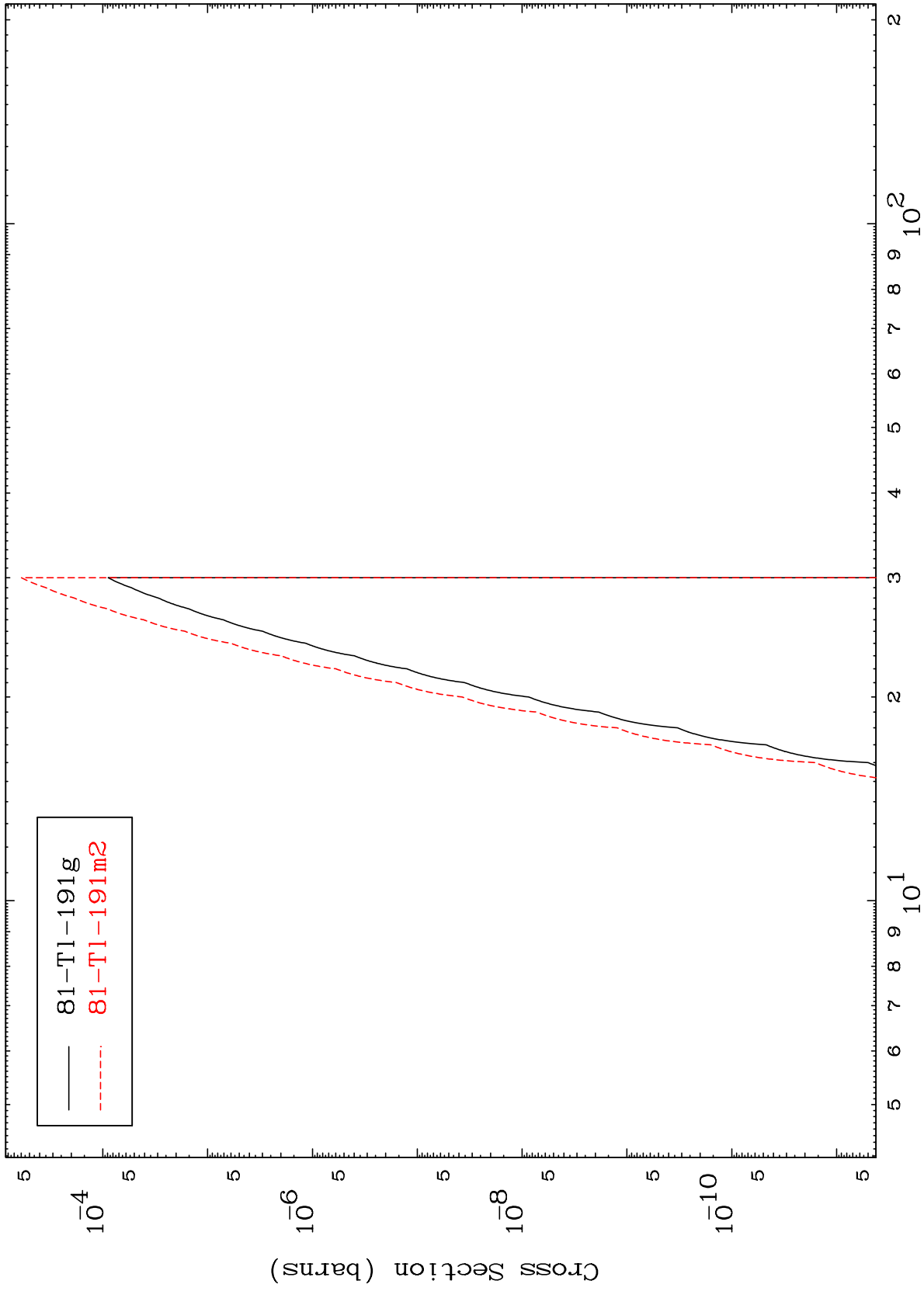
83-Bi-194

MAT 8281

(n, n') He-3

83-Bi-194

Radionuclide Production Cross Section

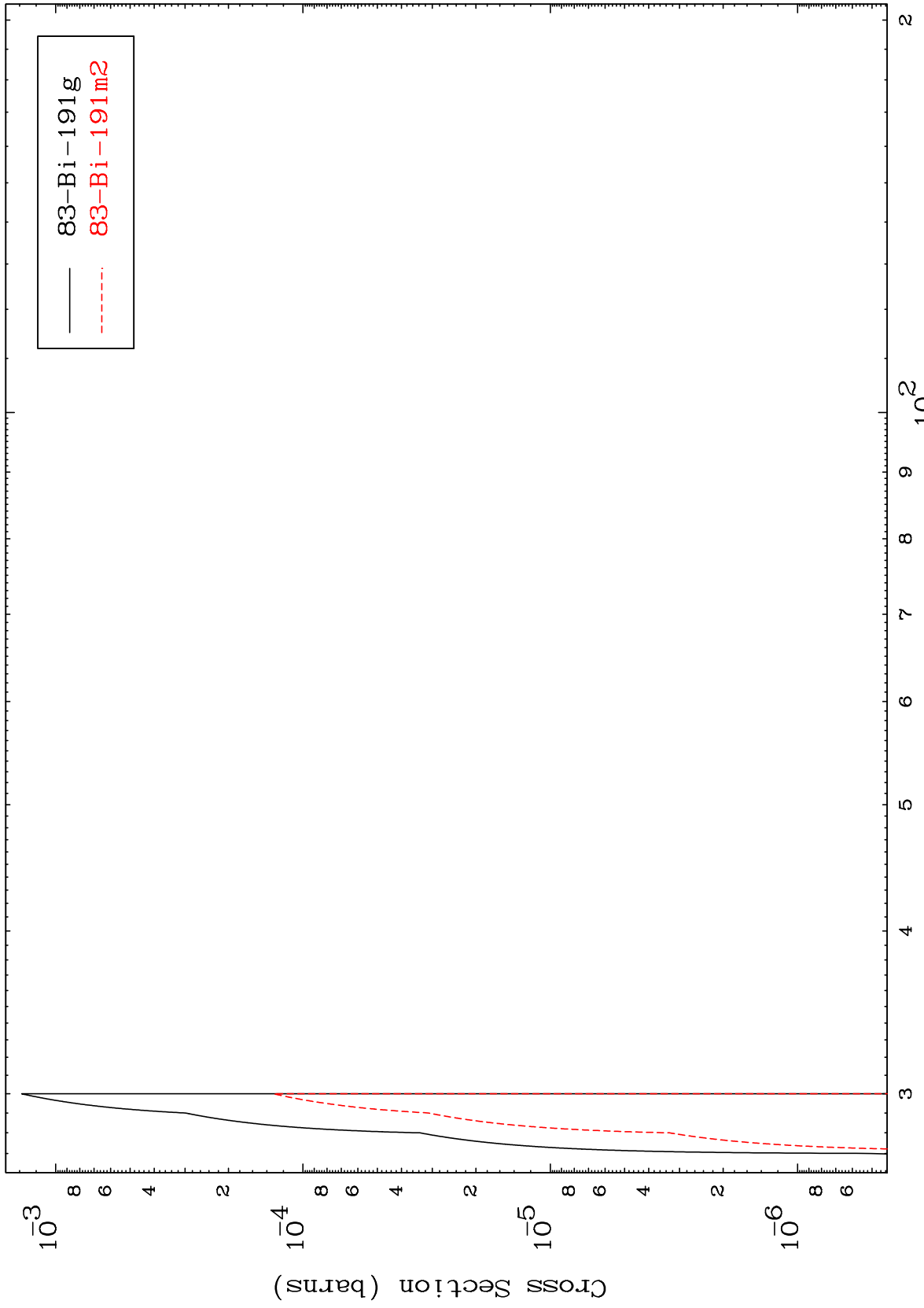


81-Tl-191g
81-Tl-191m2

MAT 8281

83-Bi-194

(n,4n)
Radionuclide Production Cross Section



28

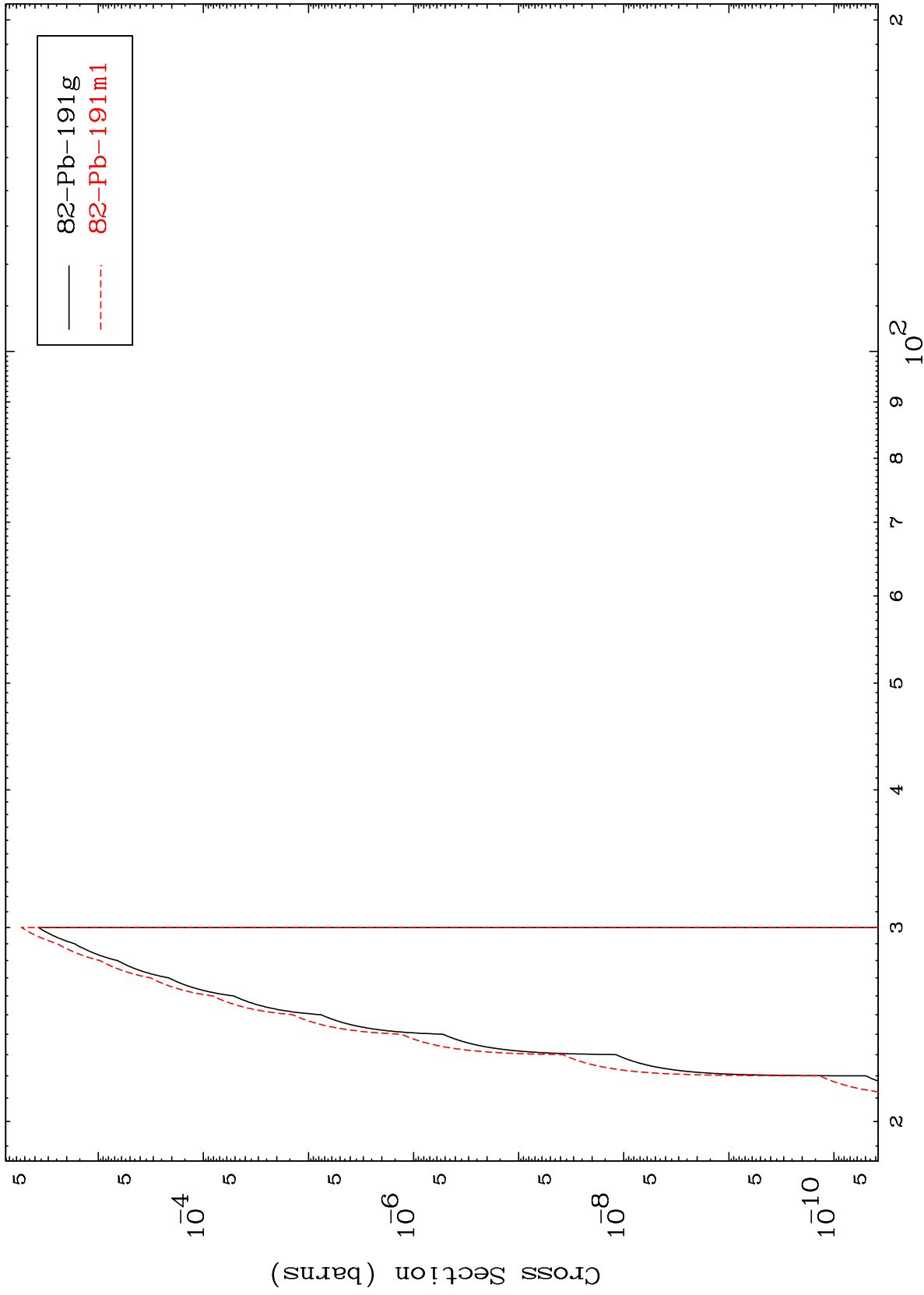
83-Bi-194

MAT 8281

(n,3n) p

⁸³Bi-194

Radionuclide Production Cross Section



29

Incident Energy (MeV)

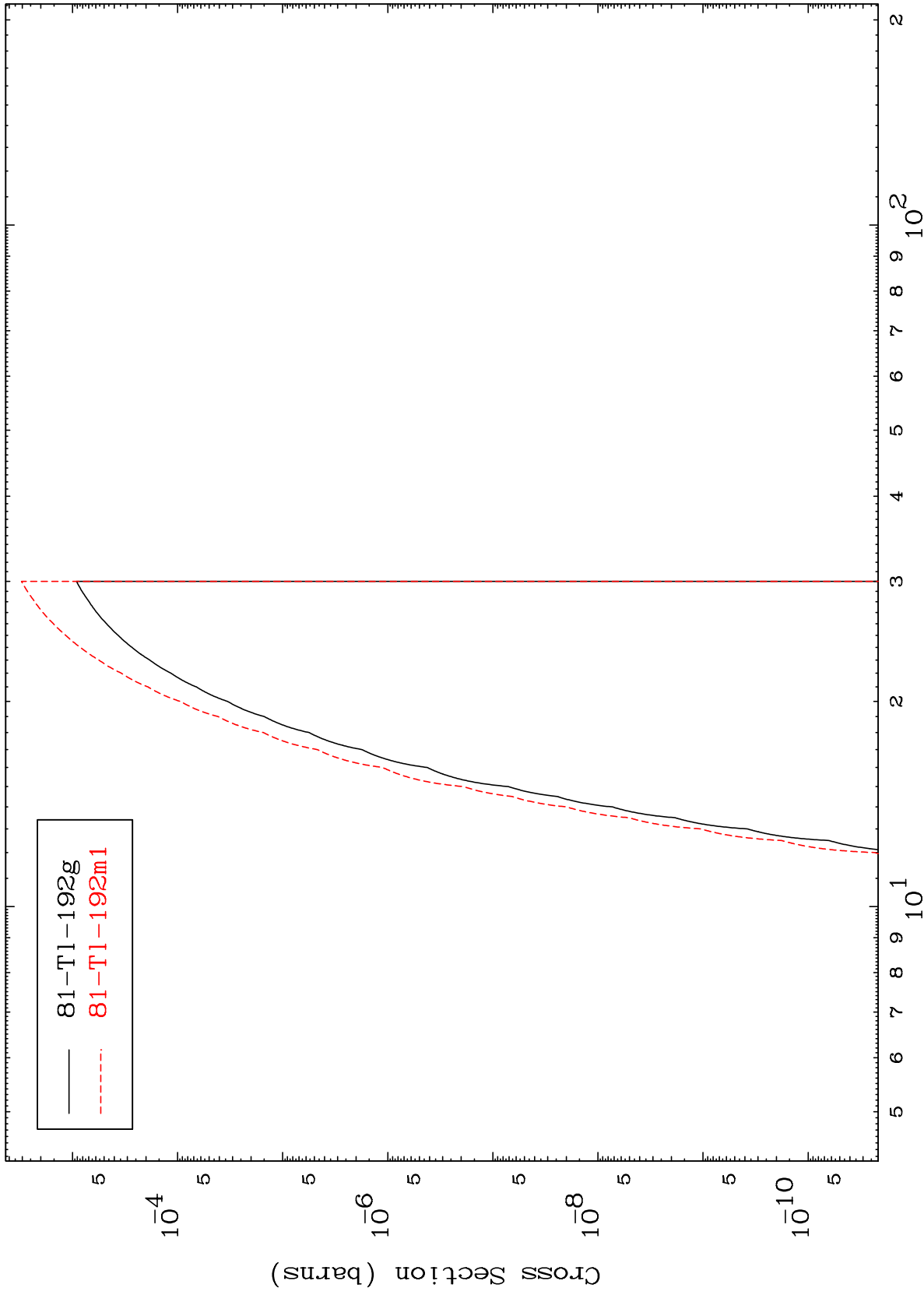
⁸³Bi-194

MAT 8281

(n,2n) p

83-Bi-194

Radionuclide Production Cross Section



30

Incident Energy (MeV)

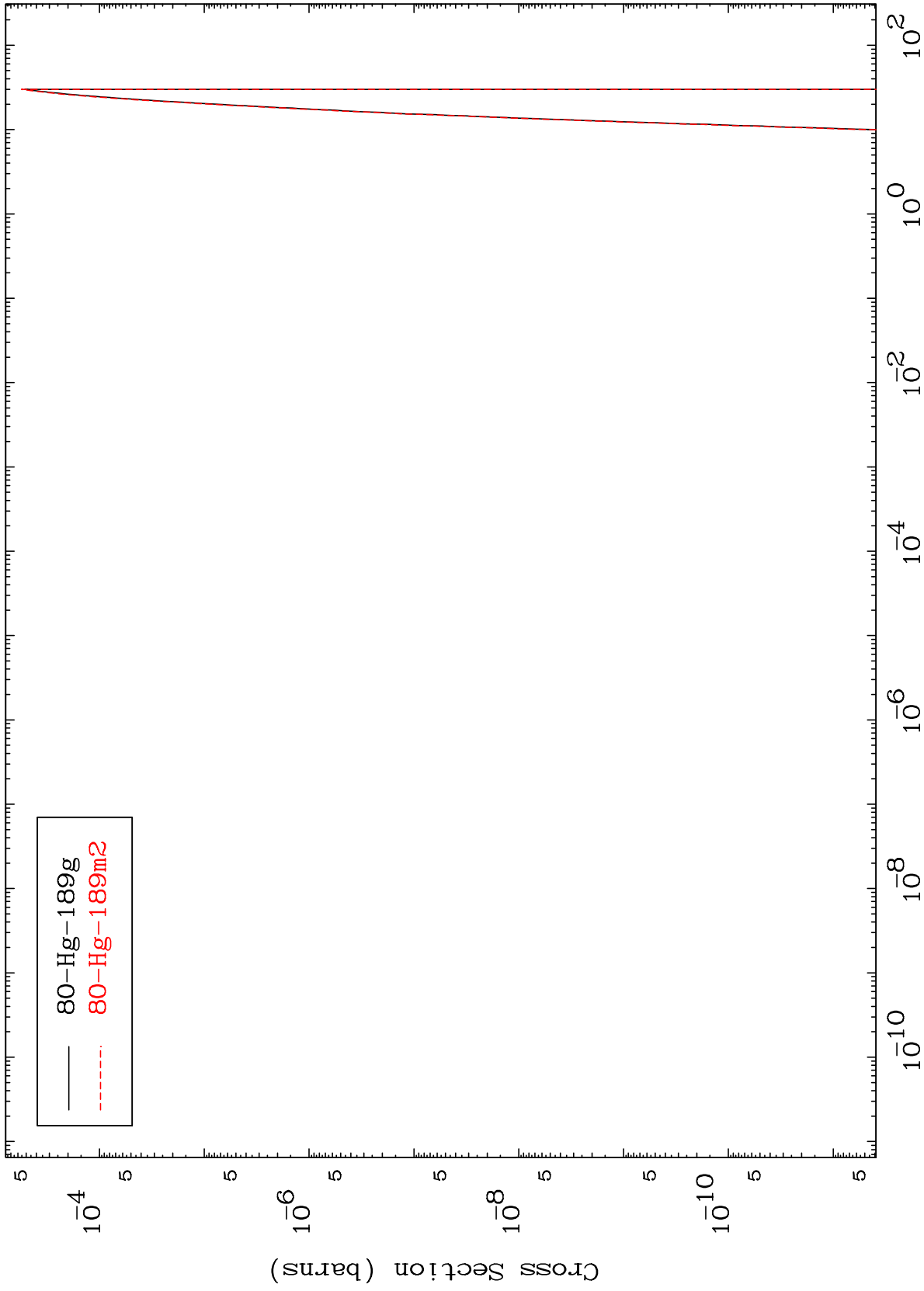
83-Bi-194

MAT 8281

(n,n') p α

83-Bi-194

Radionuclide Production Cross Section



31

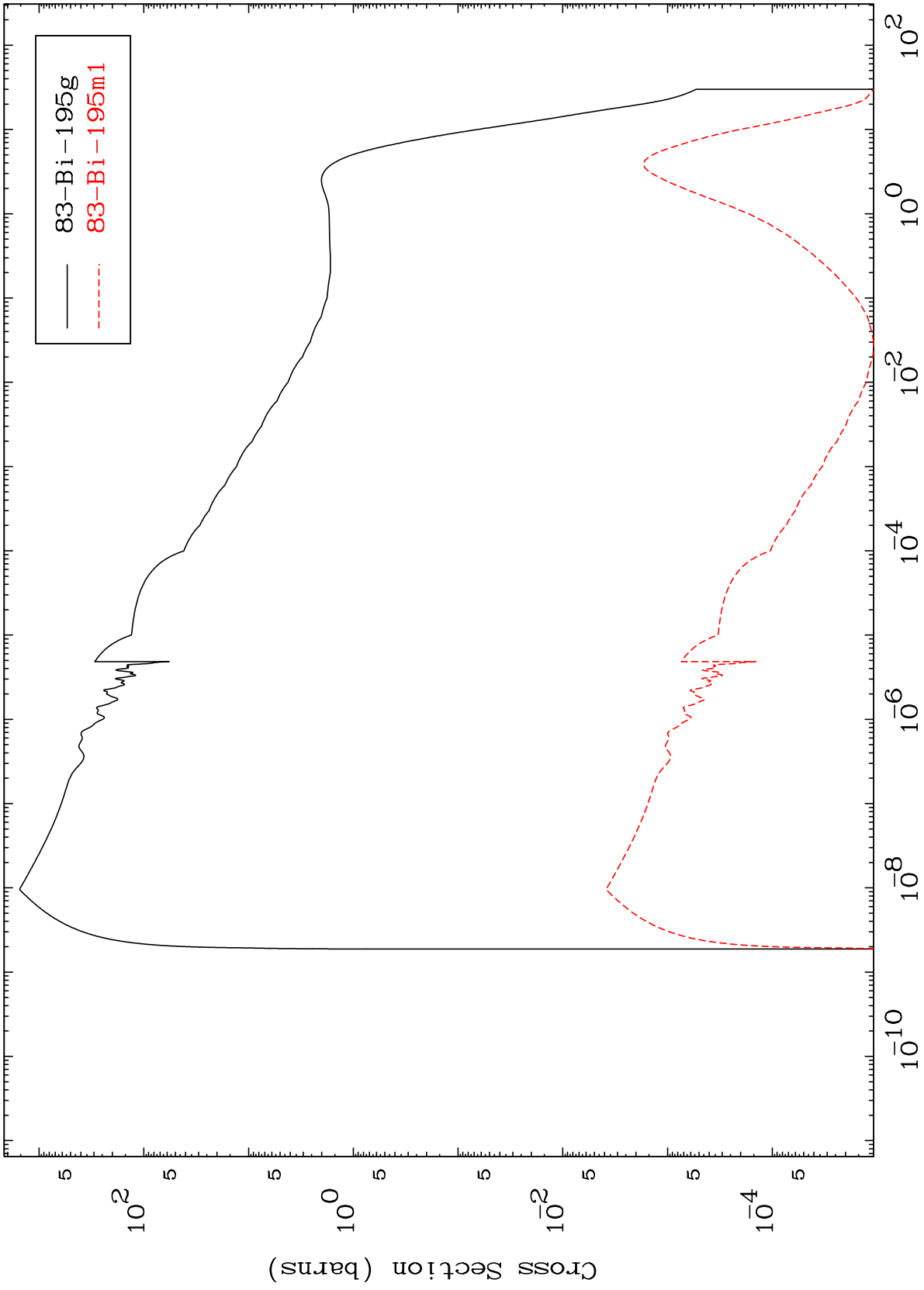
Incident Energy (MeV)

83-Bi-194

MAT 8281

⁸³Bi-194

Radionuclide Production Cross Section



32

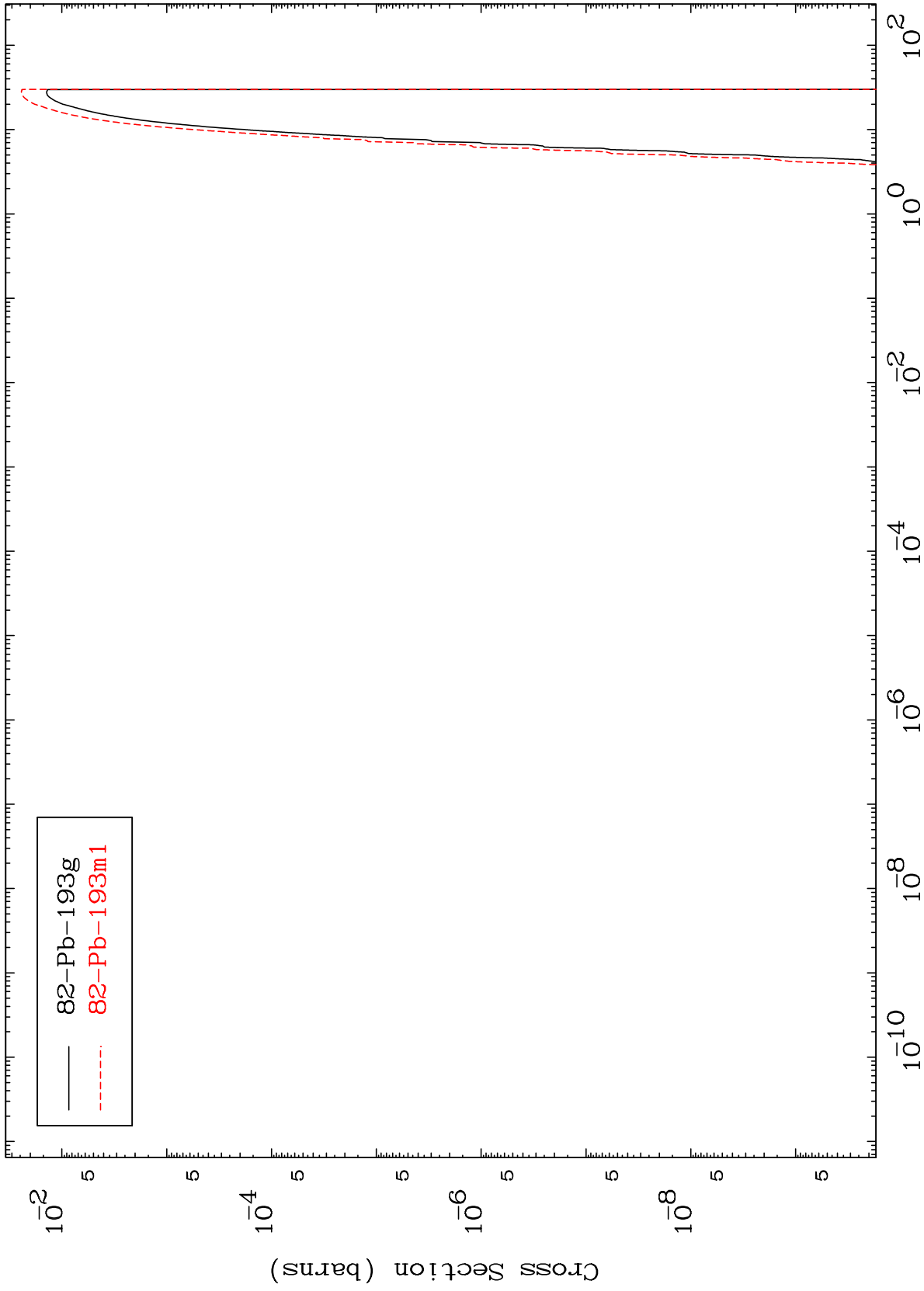
⁸³Bi-194

MAT 8281

(n,d)

83-Bi-194

Radionuclide Production Cross Section



33

Incident Energy (MeV)

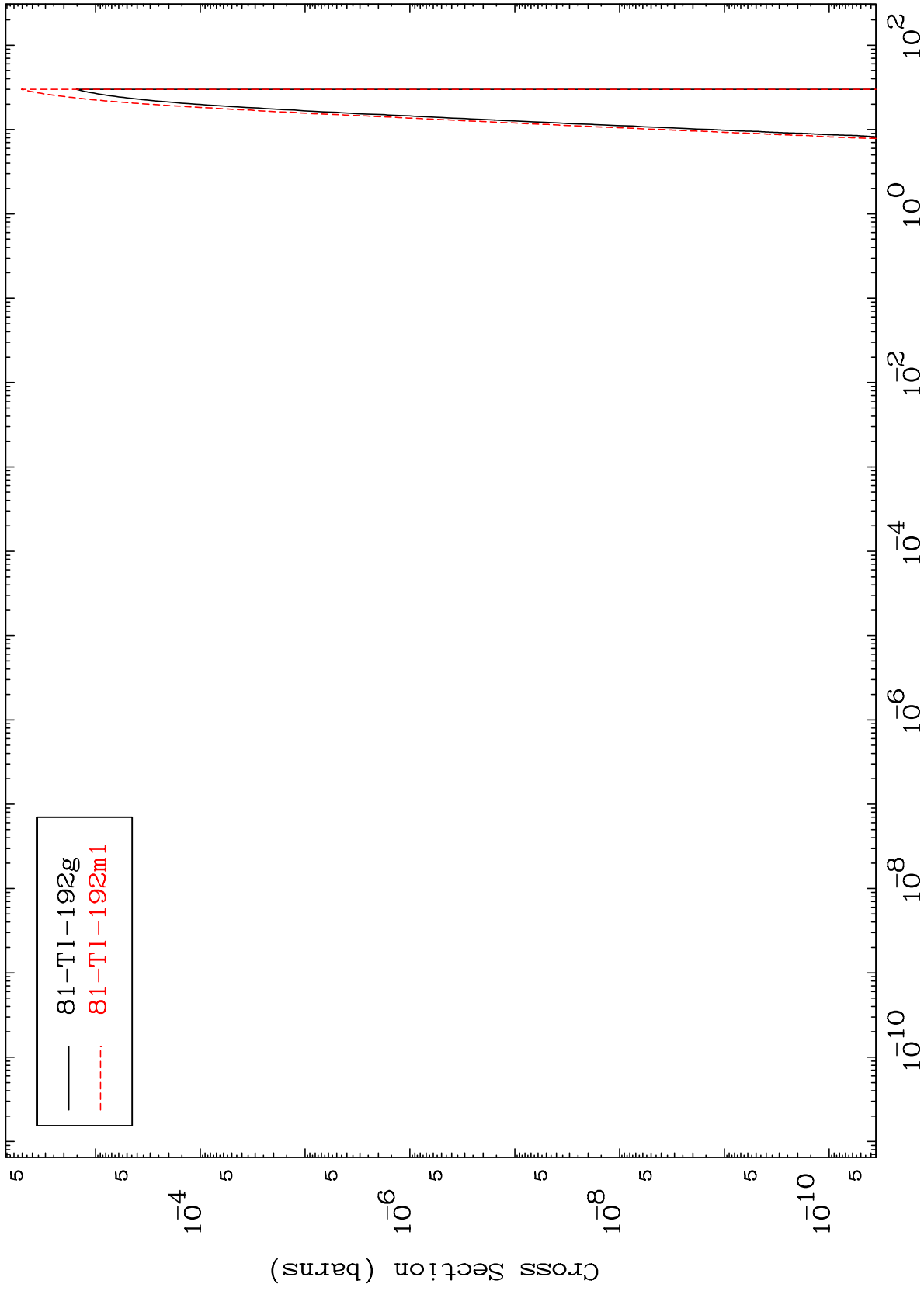
83-Bi-194

MAT 8281

(n,He-3)

83-Bi-194

Radionuclide Production Cross Section



34

Incident Energy (MeV)

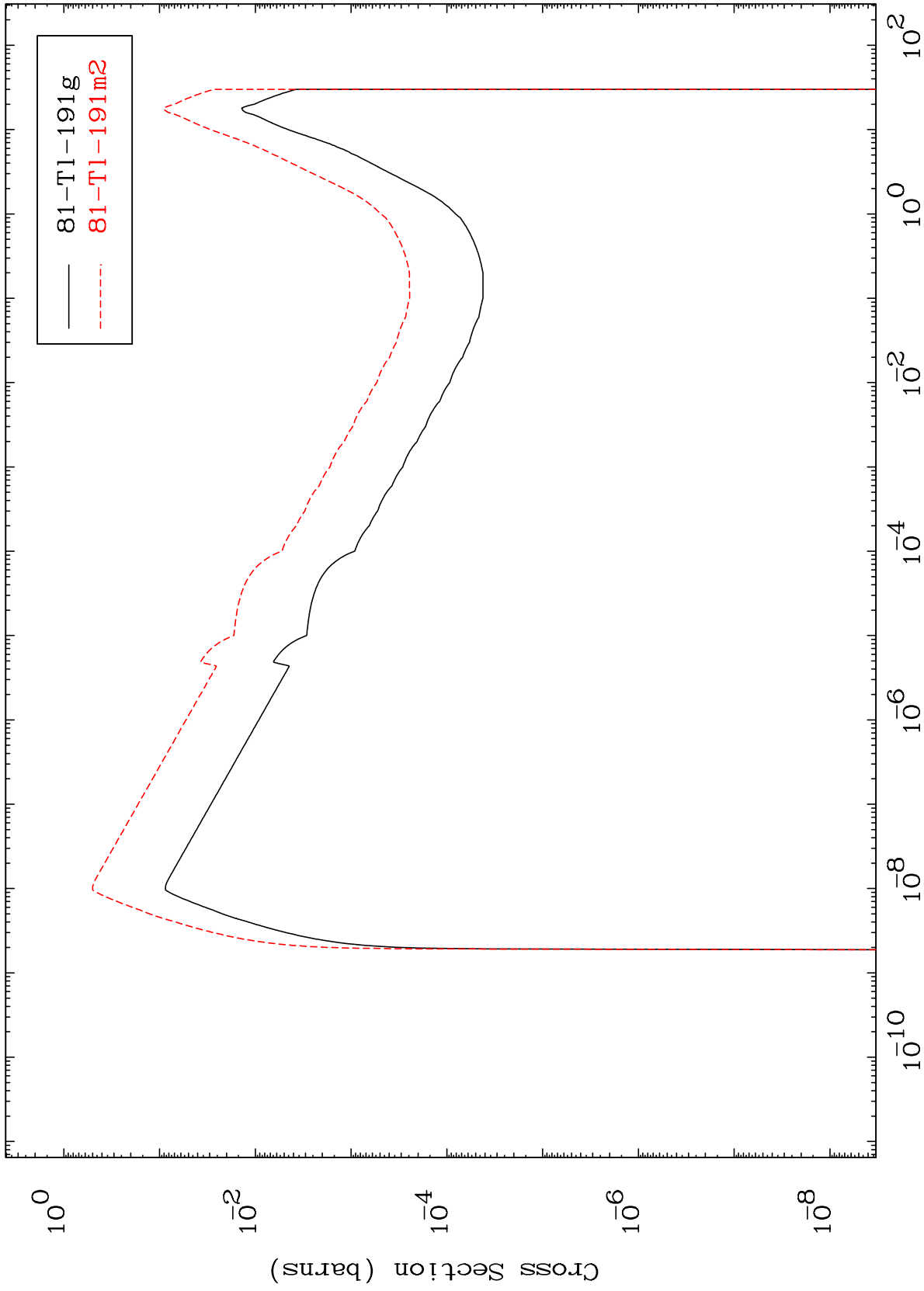
83-Bi-194

MAT 8281

(n, α)

83-Bi-194

Radionuclide Production Cross Section



35

Incident Energy (MeV)

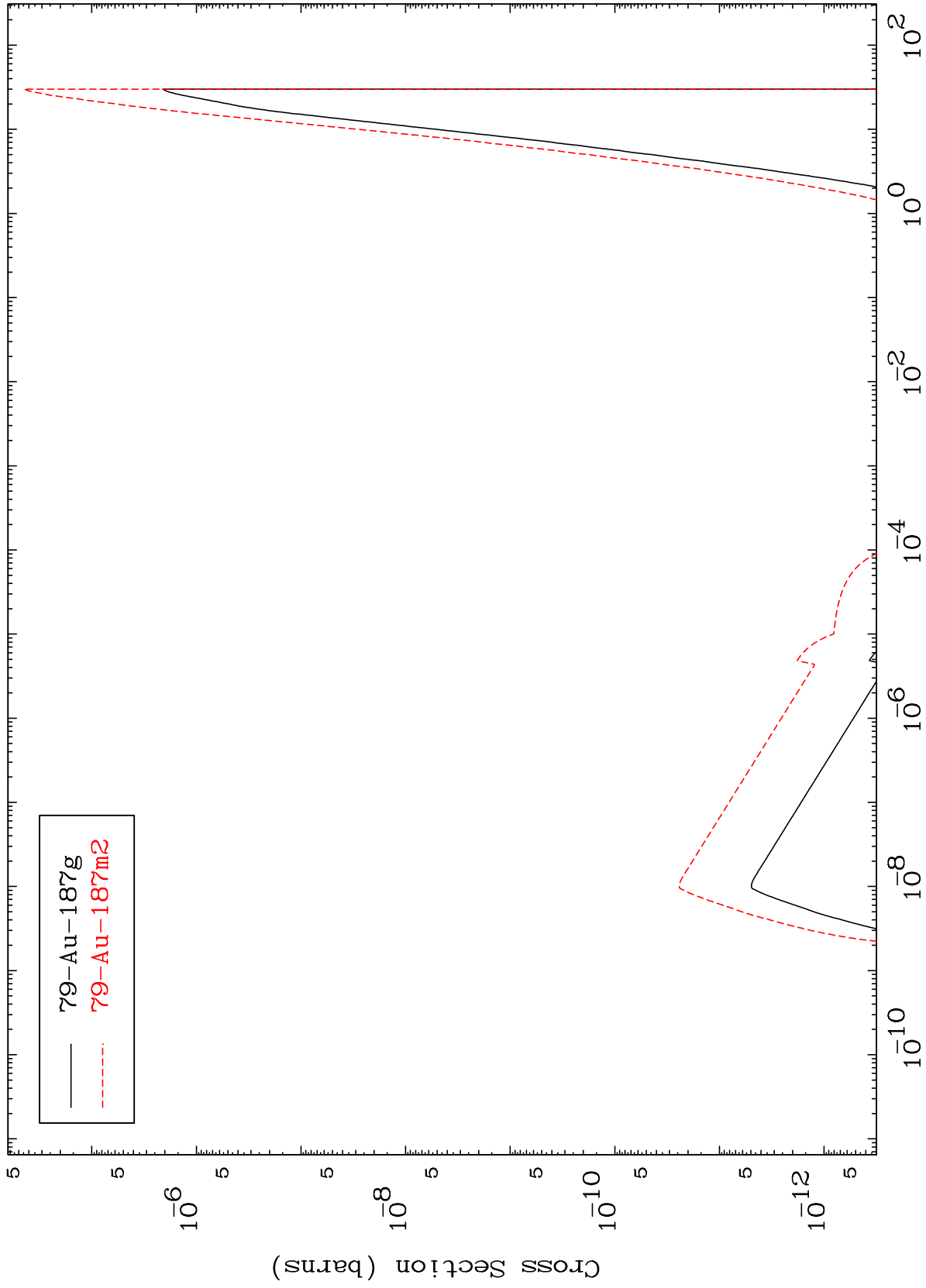
83-Bi-194

MAT 8281

(n,2α)

83-Bi-194

Radionuclide Production Cross Section



36

Incident Energy (MeV)

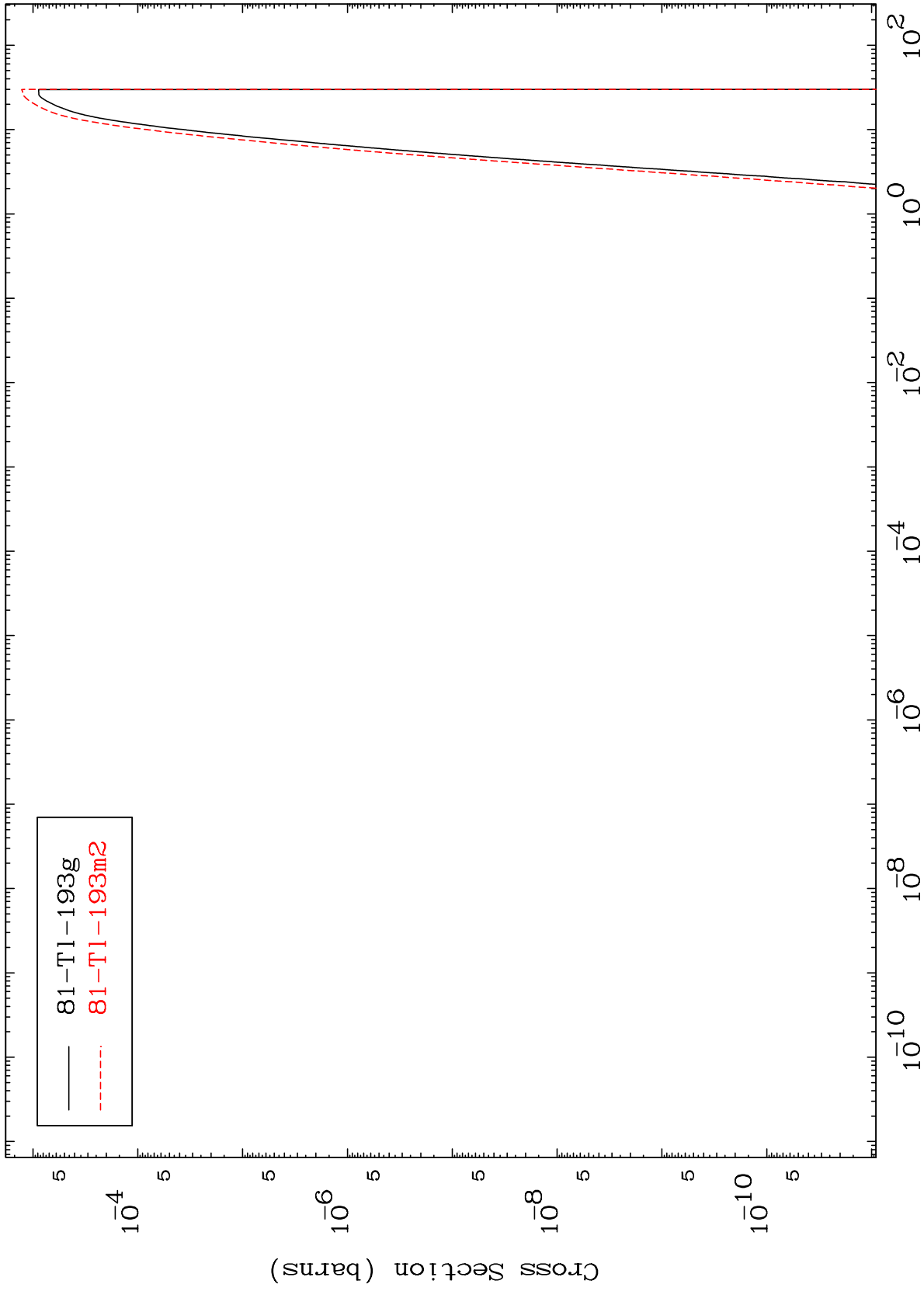
83-Bi-194

MAT 8281

(n,2p)

83-Bi-194

Radionuclide Production Cross Section



37

Incident Energy (MeV)

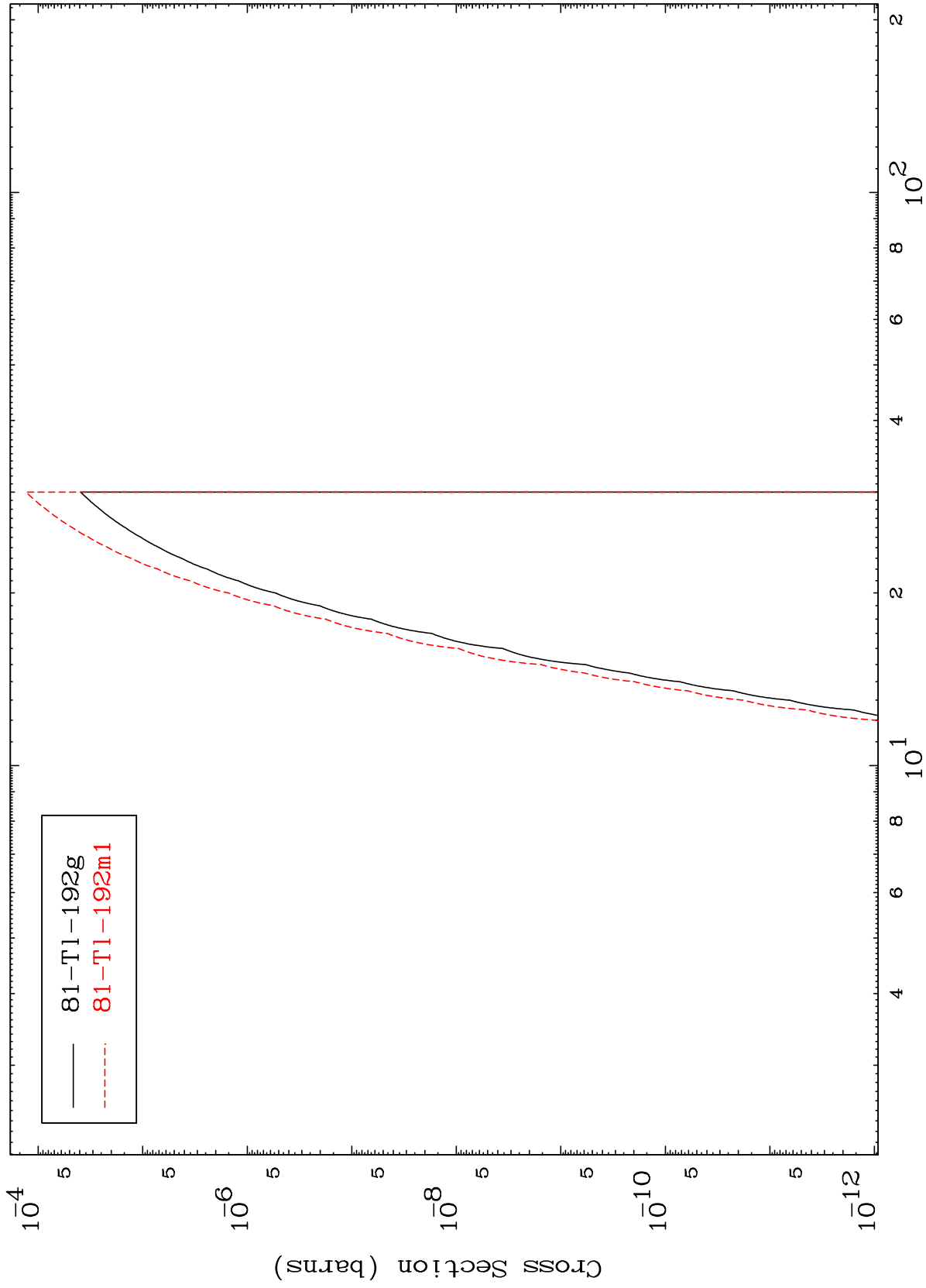
83-Bi-194

MAT 8281

(n,p) d

83-Bi-194

Radionuclide Production Cross Section



38

Incident Energy (MeV)

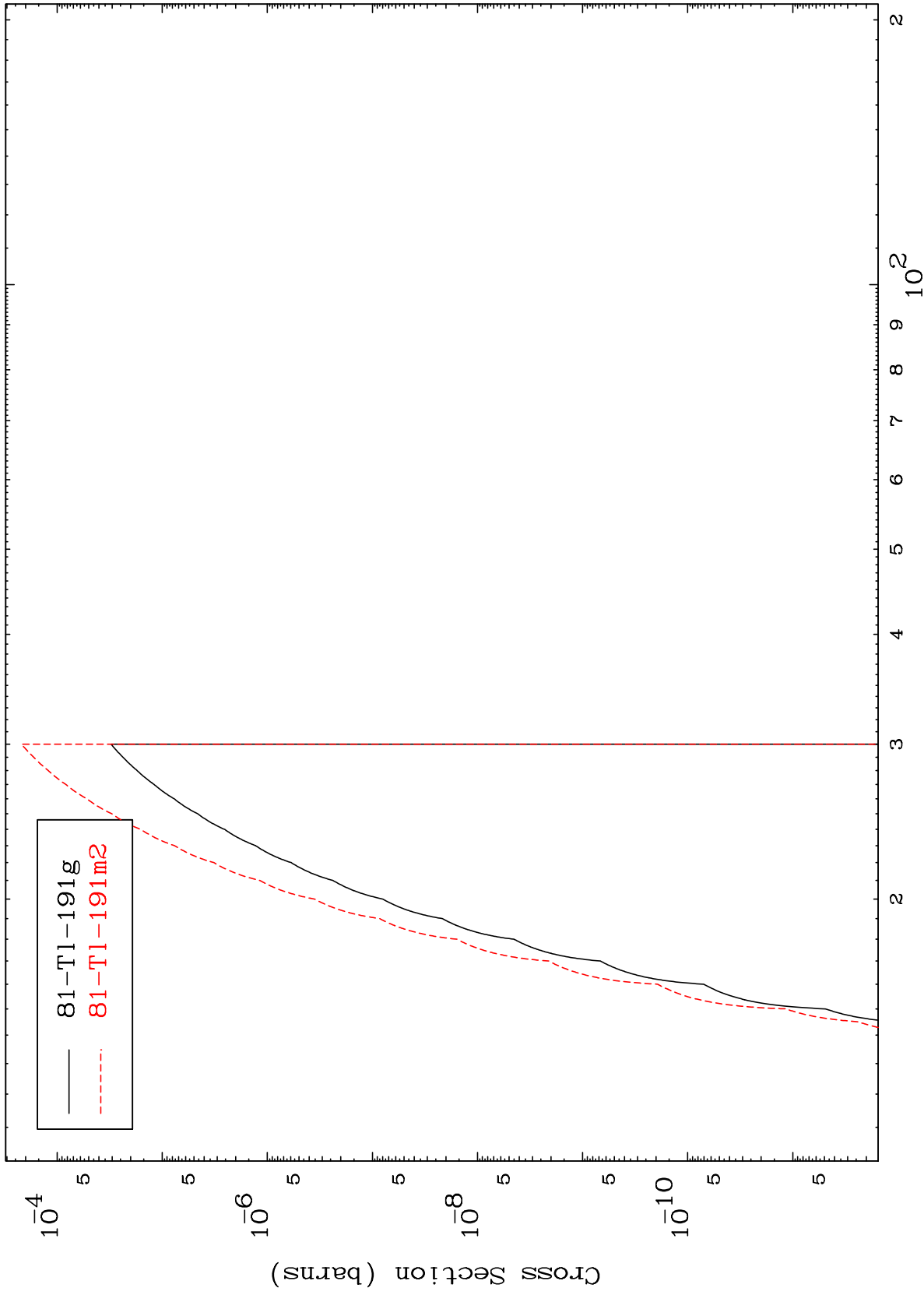
83-Bi-194

MAT 8281

(n,p) t

83-Bi-194

Radionuclide Production Cross Section



39

Incident Energy (MeV)

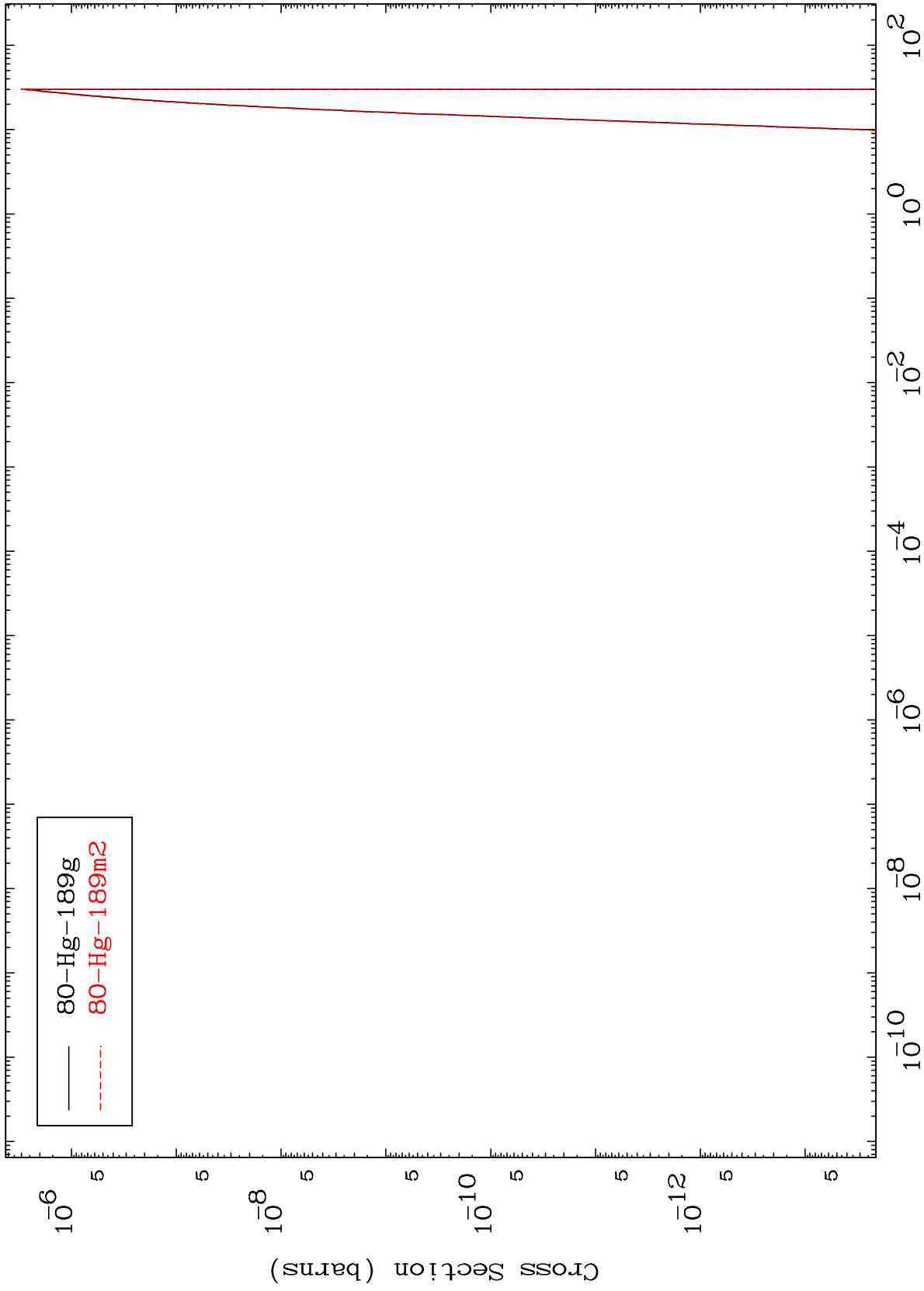
83-Bi-194

MAT 8281

(n,d) α

83-Bi-194

Radionuclide Production Cross Section



40

Incident Energy (MeV)

83-Bi-194