

Program EVALPLOT
(Version 2018-1)

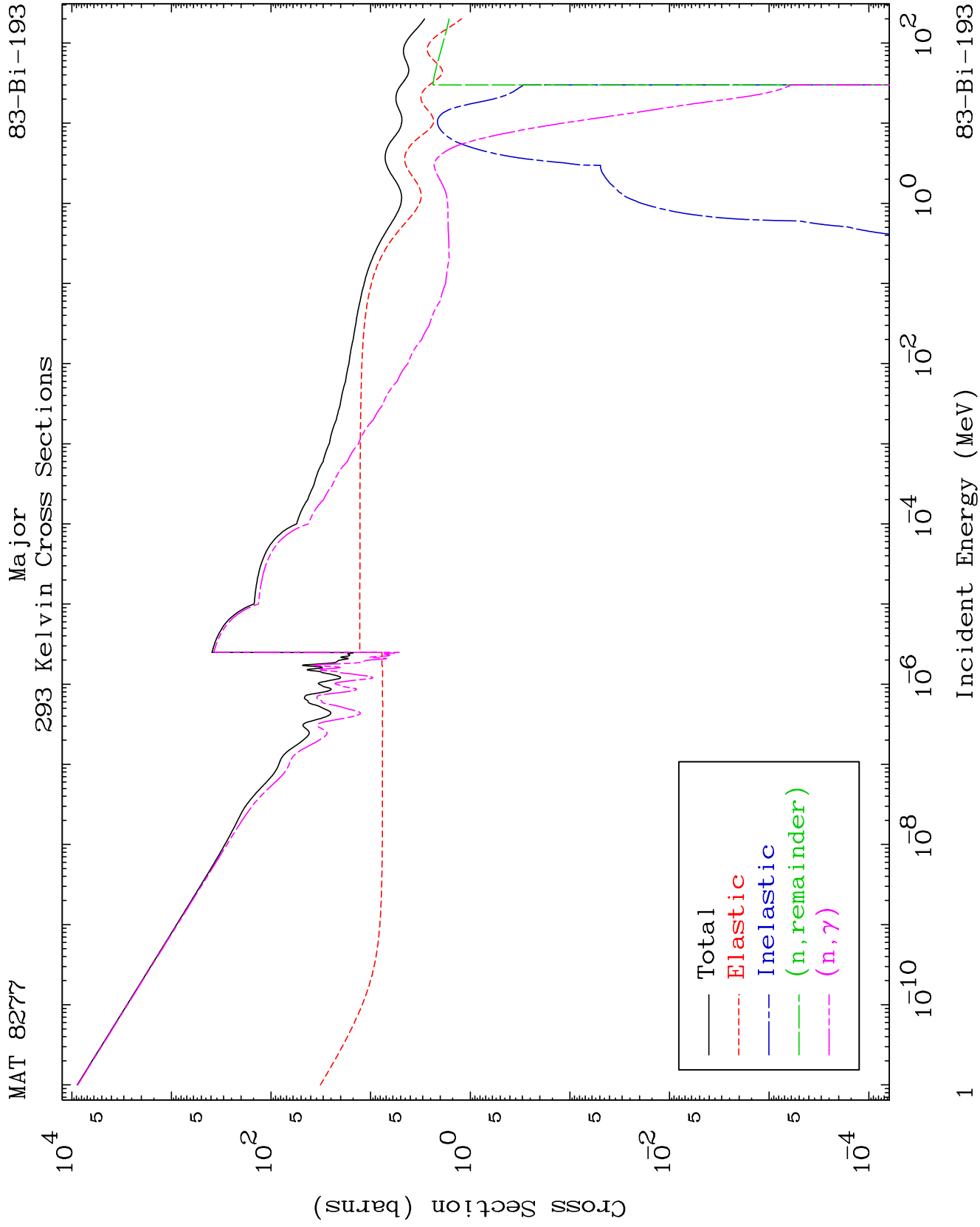
by

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

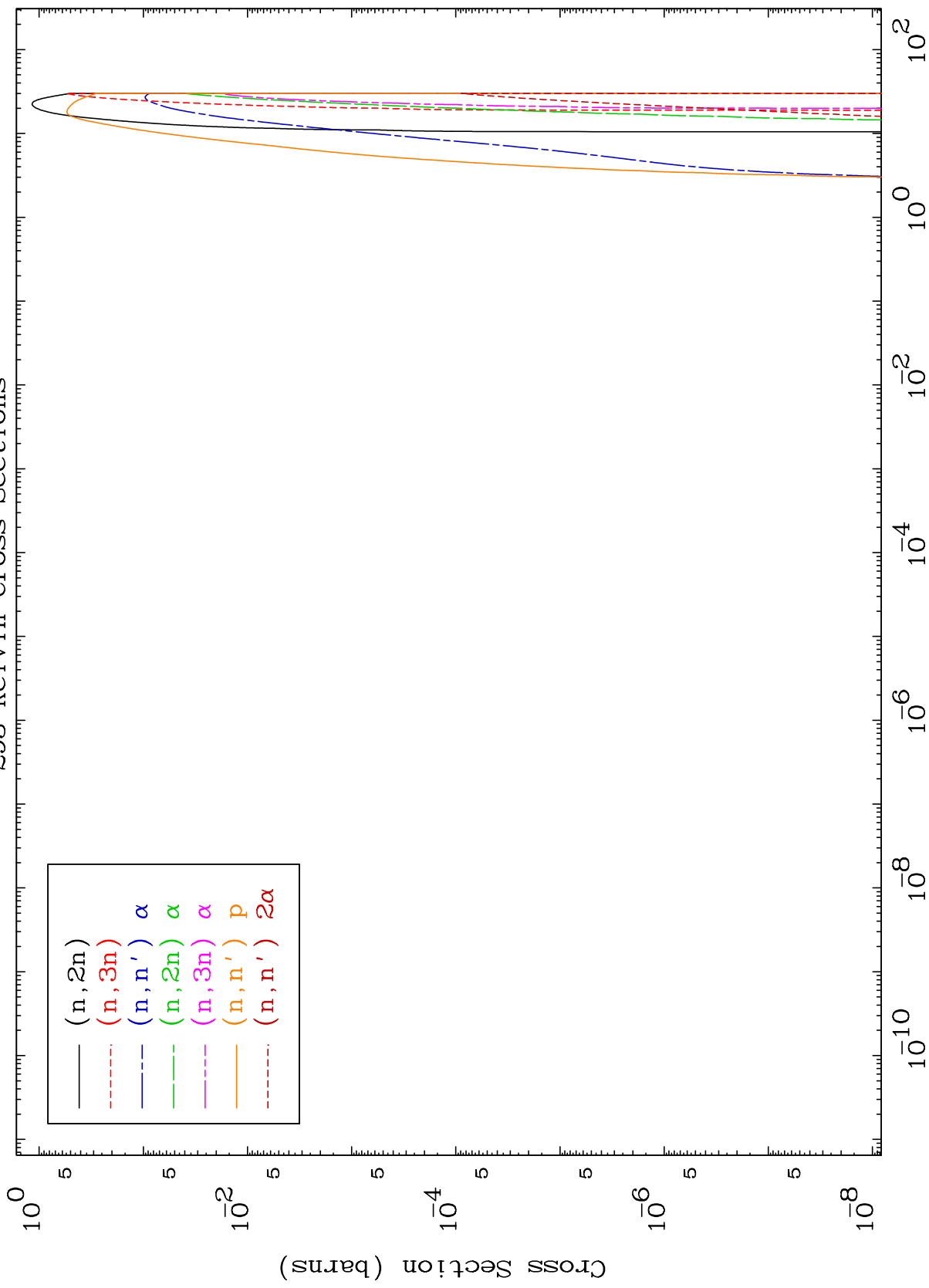
Press Mouse Button to Start



MAT 8277

Neutron Production
293 Kelvin Cross Sections

83-Bi-193



2

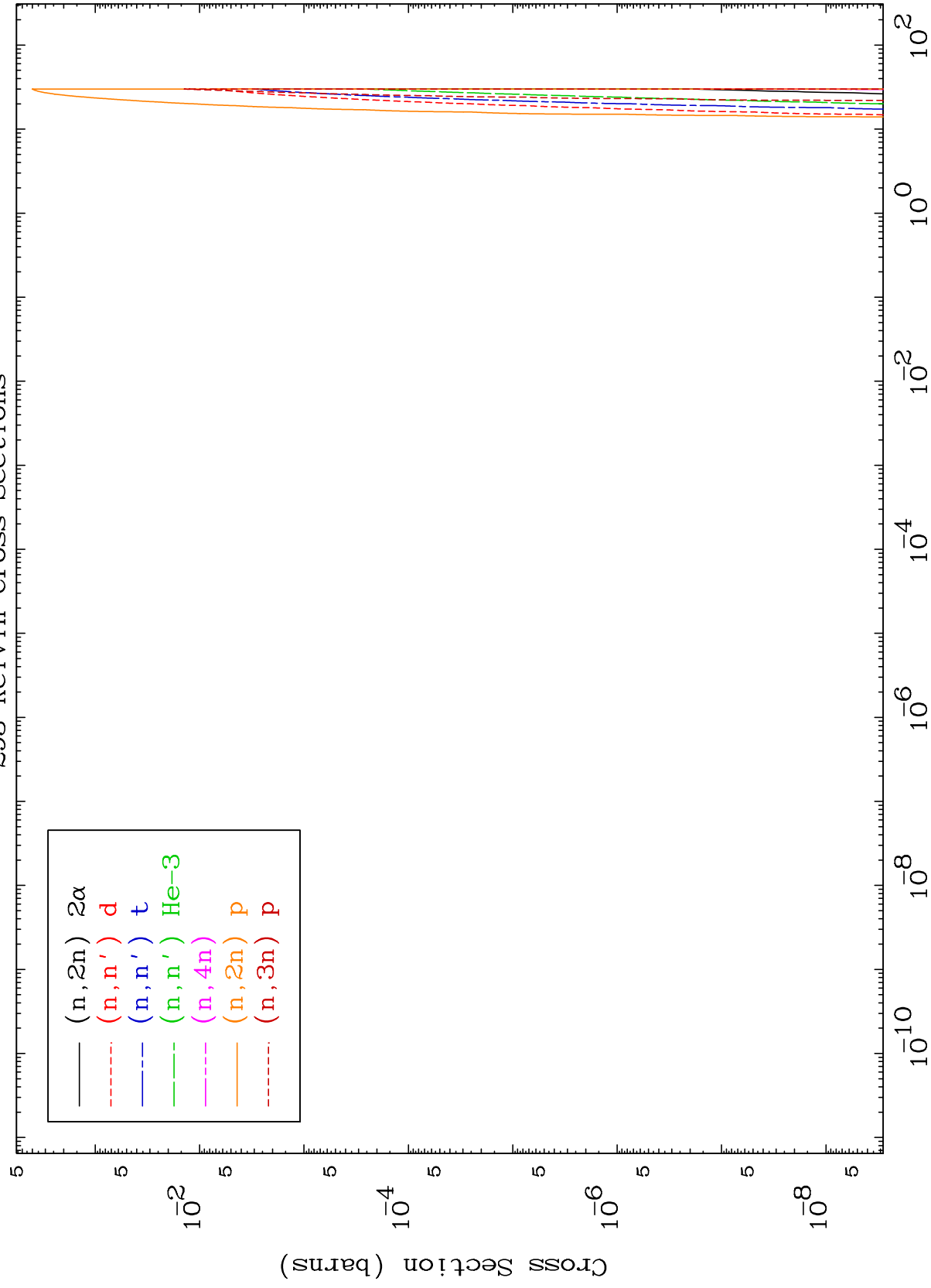
Incident Energy (MeV)

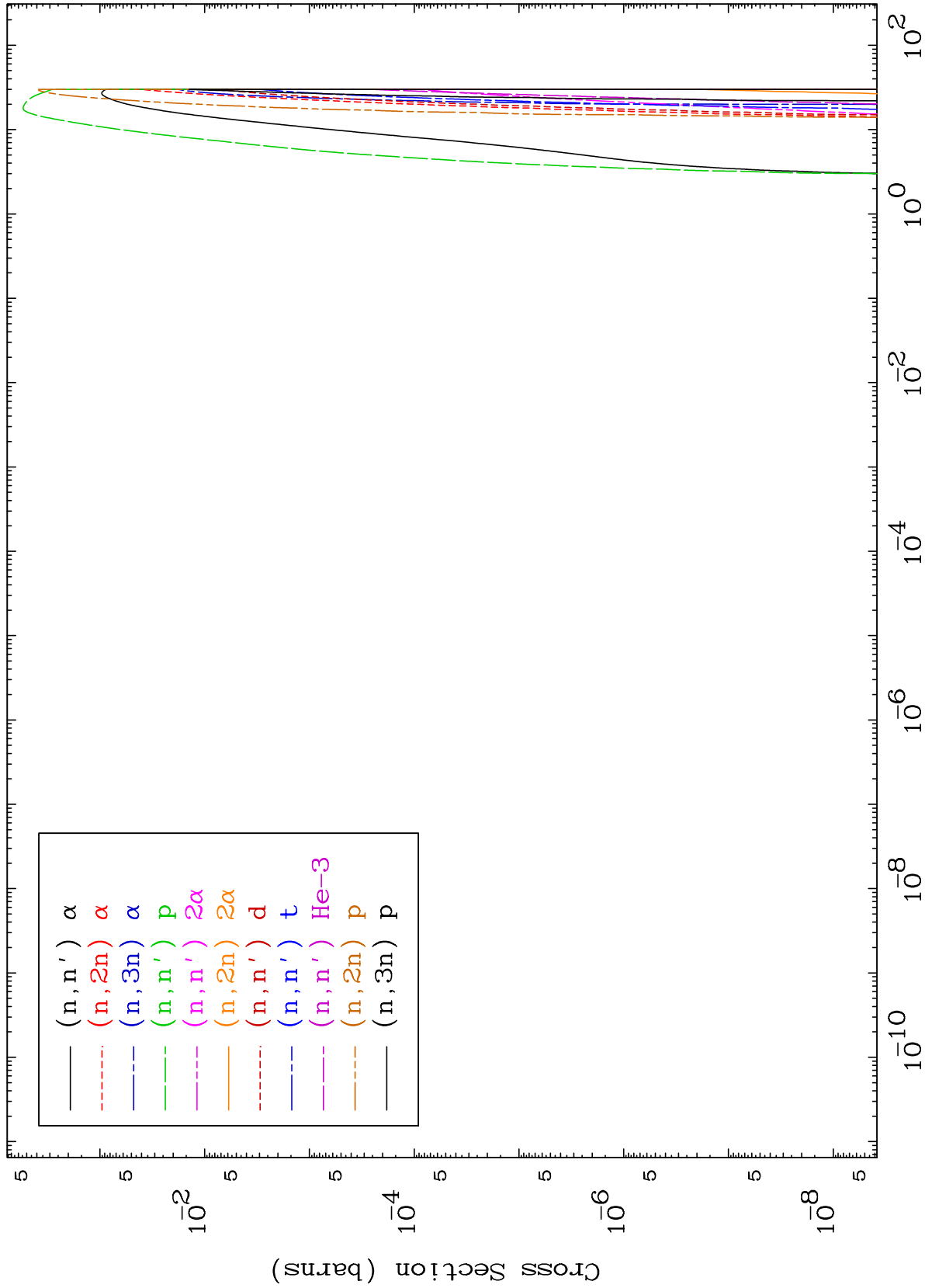
83-Bi-193

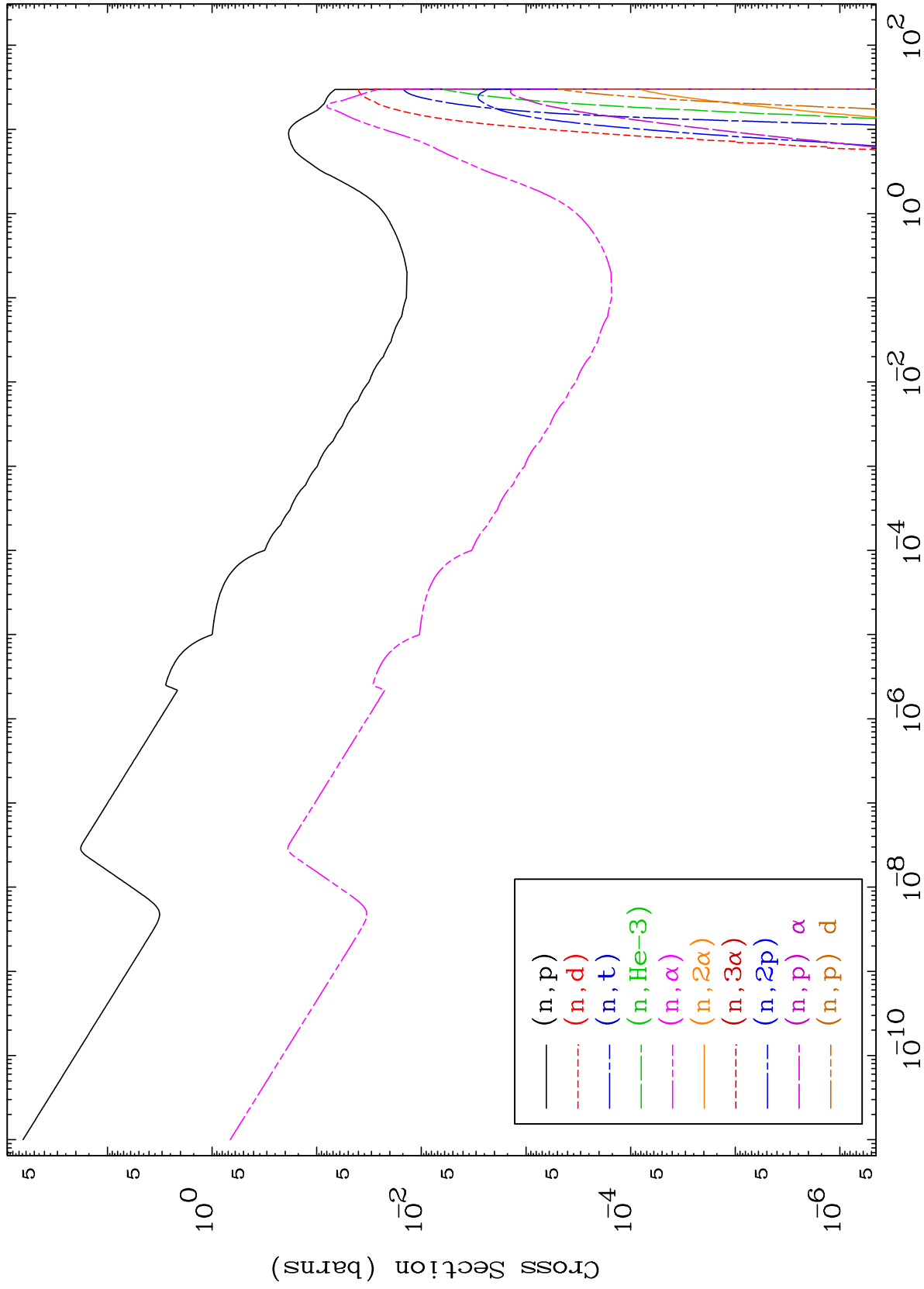
MAT 8277

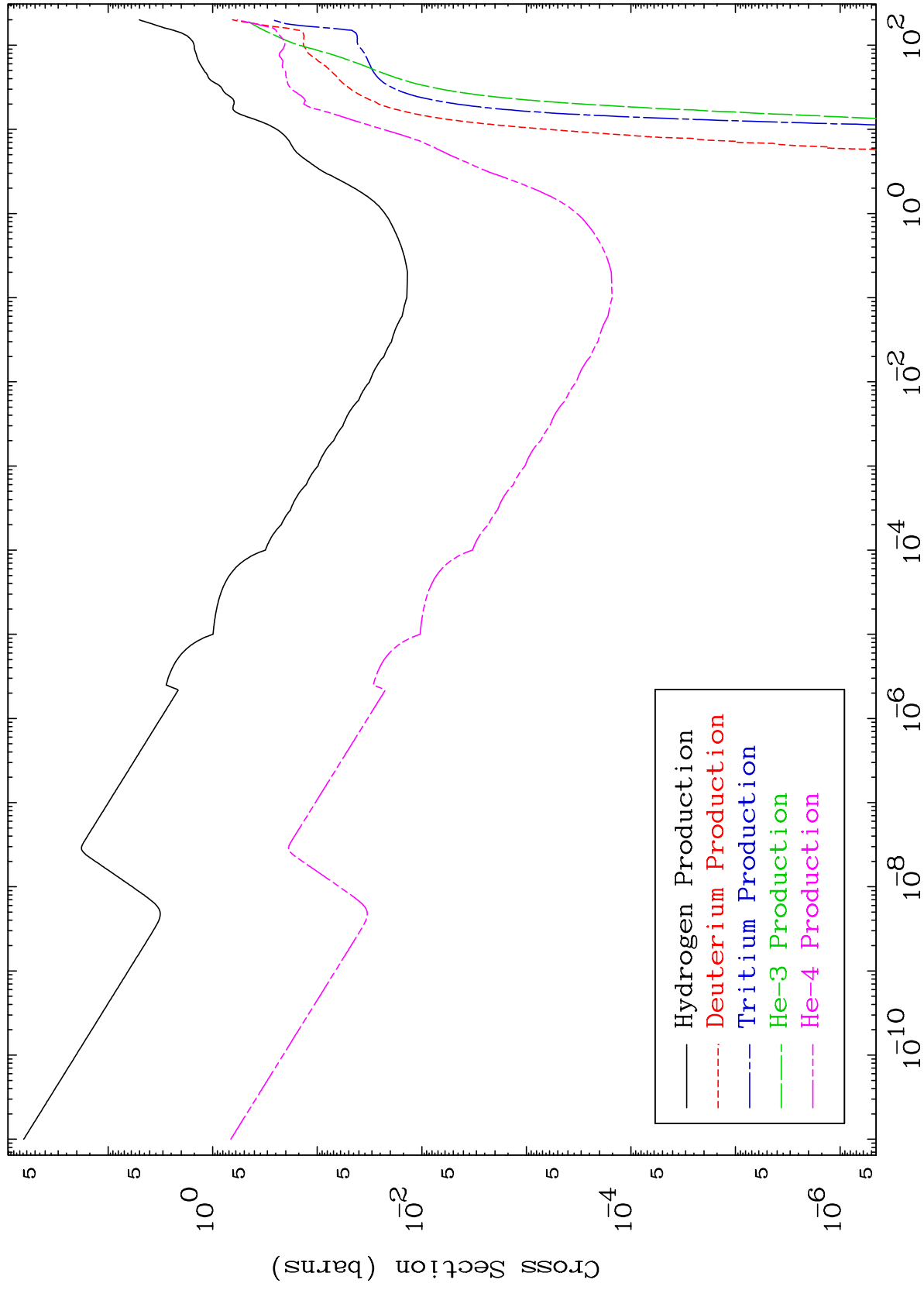
Neutron Production
293 Kelvin Cross Sections

83-Bi-193

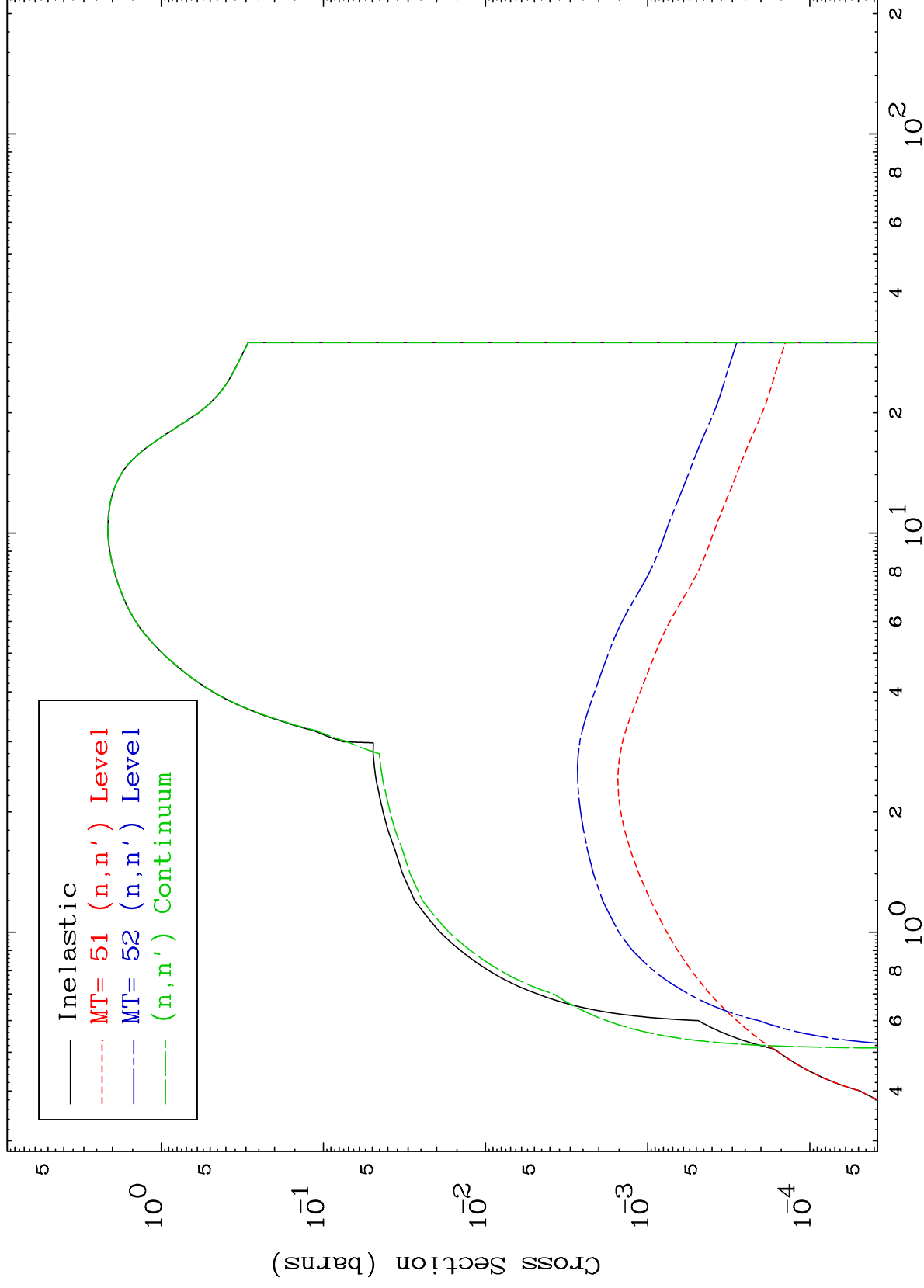








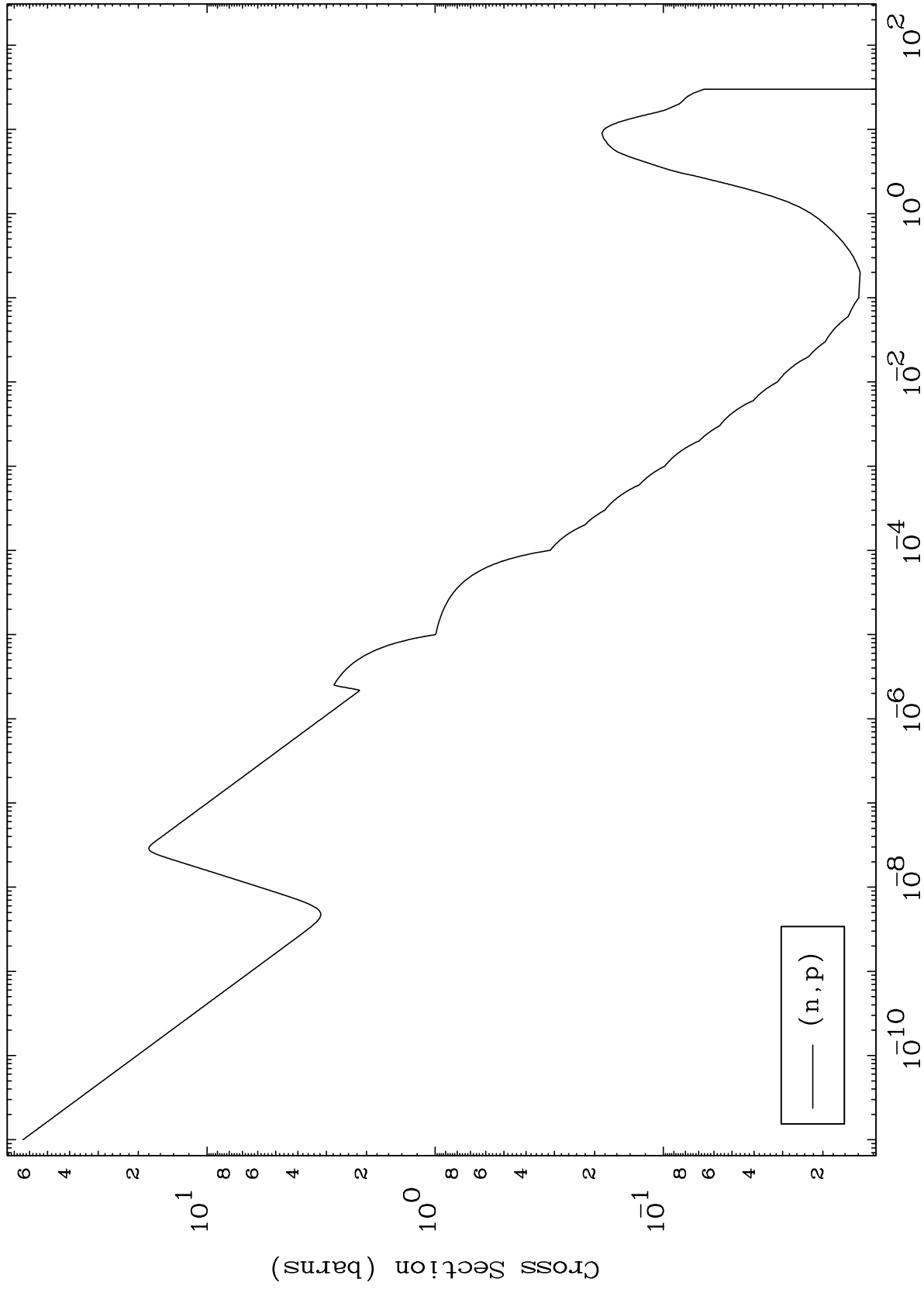
(n,n') Level
293 Kelvin Cross Sections



MAT 8277

(n,p) Levels
293 Kelvin Cross Sections

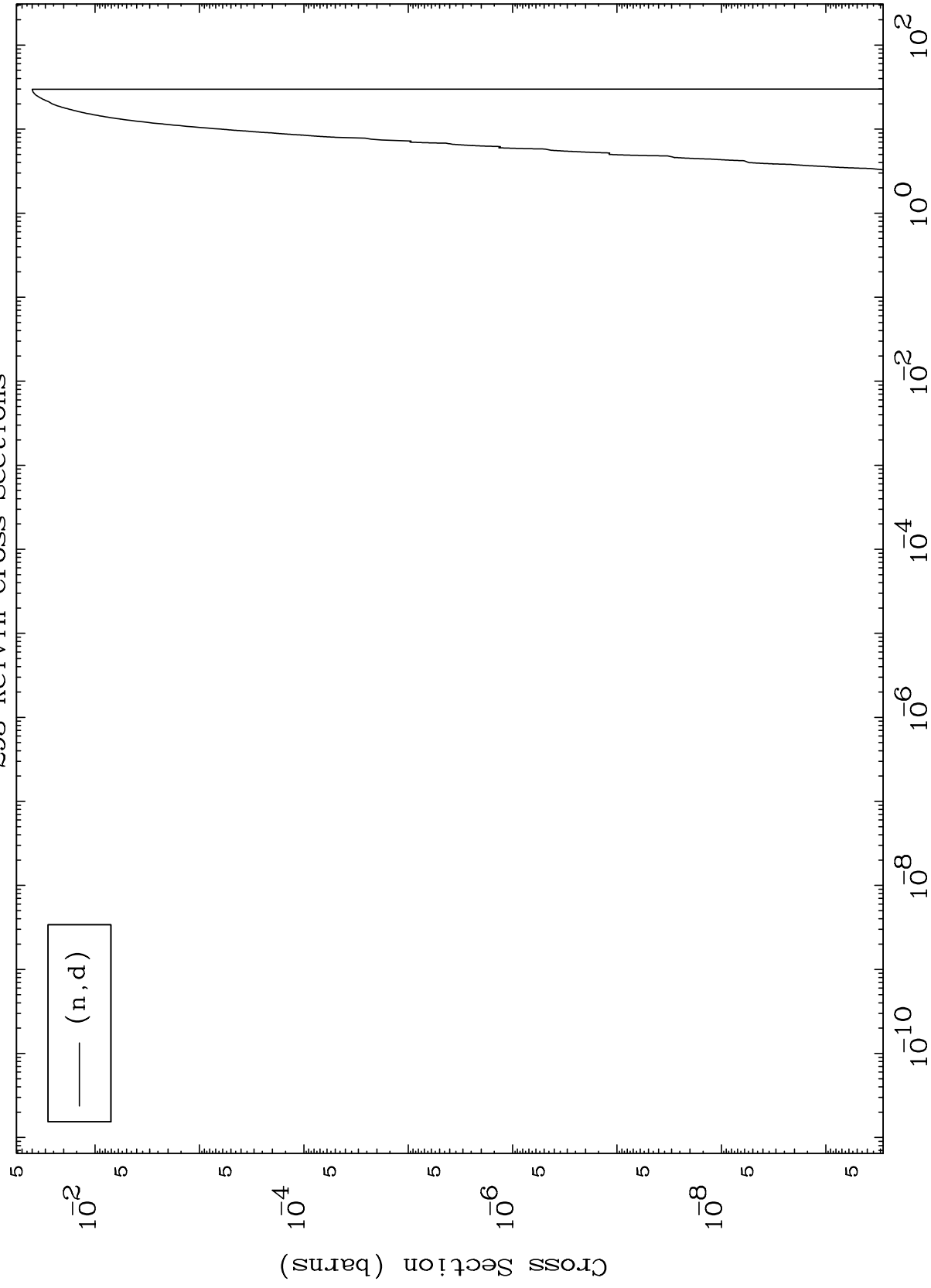
83-Bi-193



MAT 8277

293 Kelvin Cross Sections
(n,d) Levels

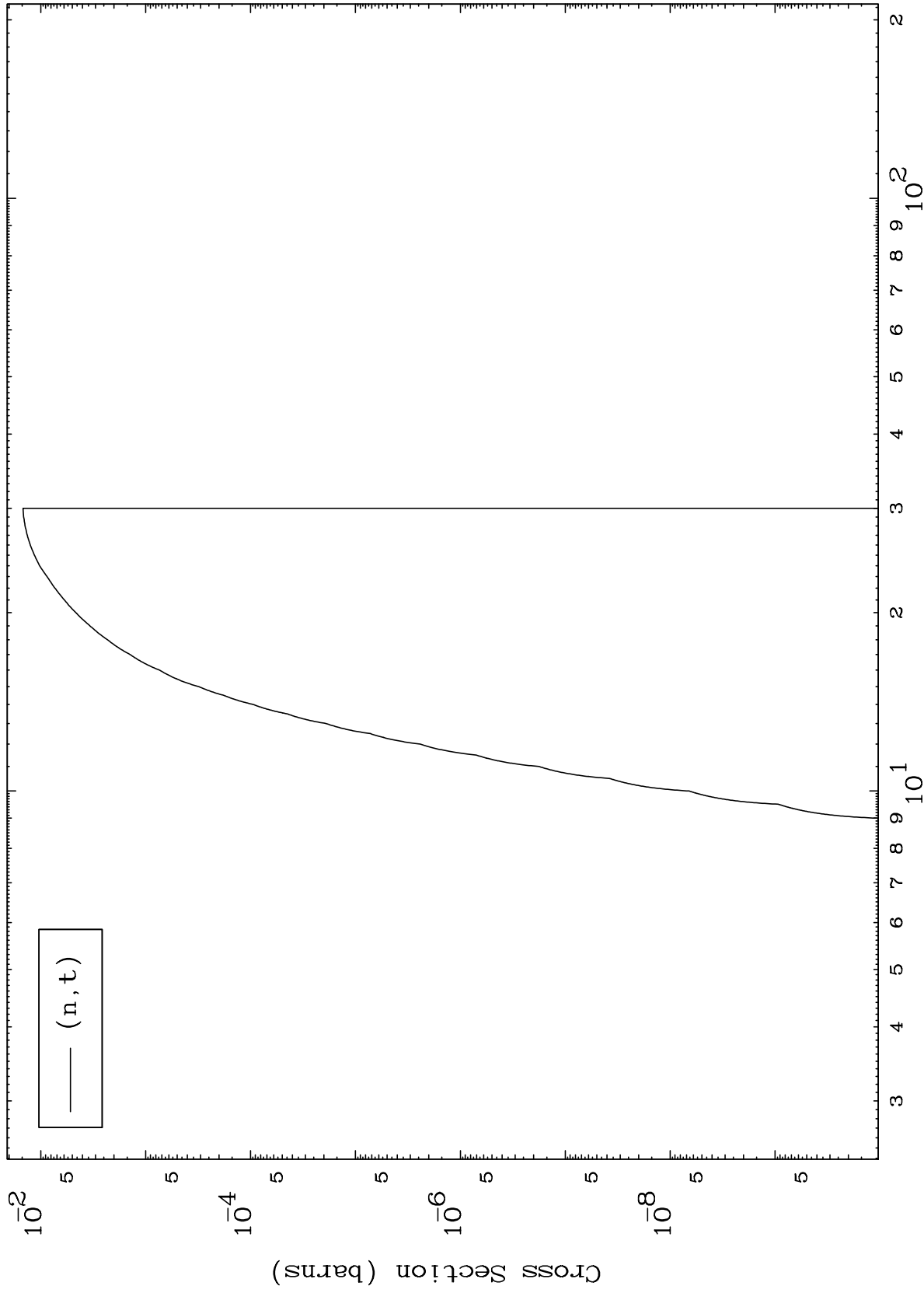
83-Bi-193



MAT 8277

83-Bi-193

(n,t) Levels
293 Kelvin Cross Sections



10

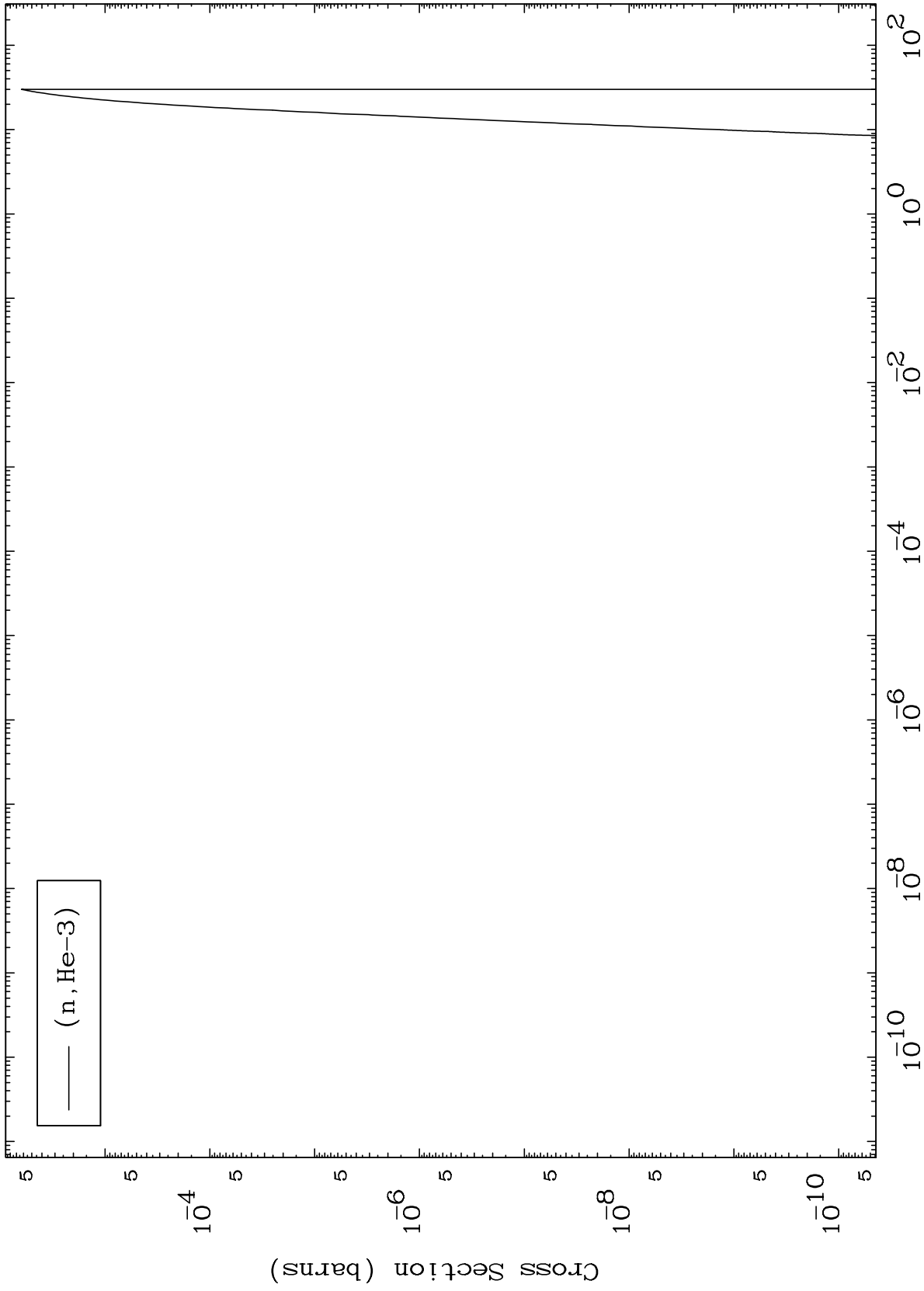
Incident Energy (MeV)

83-Bi-193

MAT 8277

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-193



11

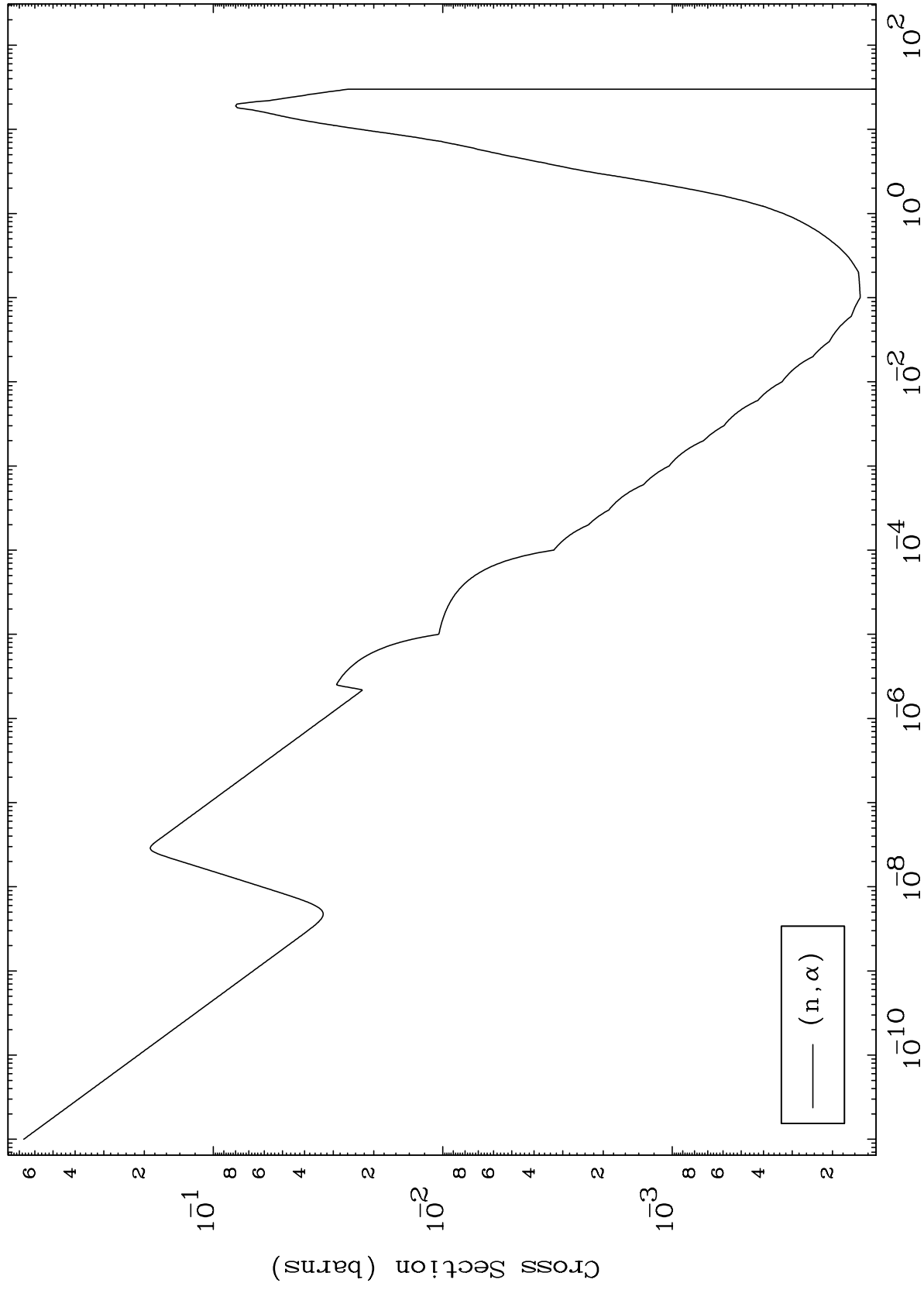
Incident Energy (MeV)

83-Bi-193

MAT 8277

(n, α) Levels
293 Kelvin Cross Sections

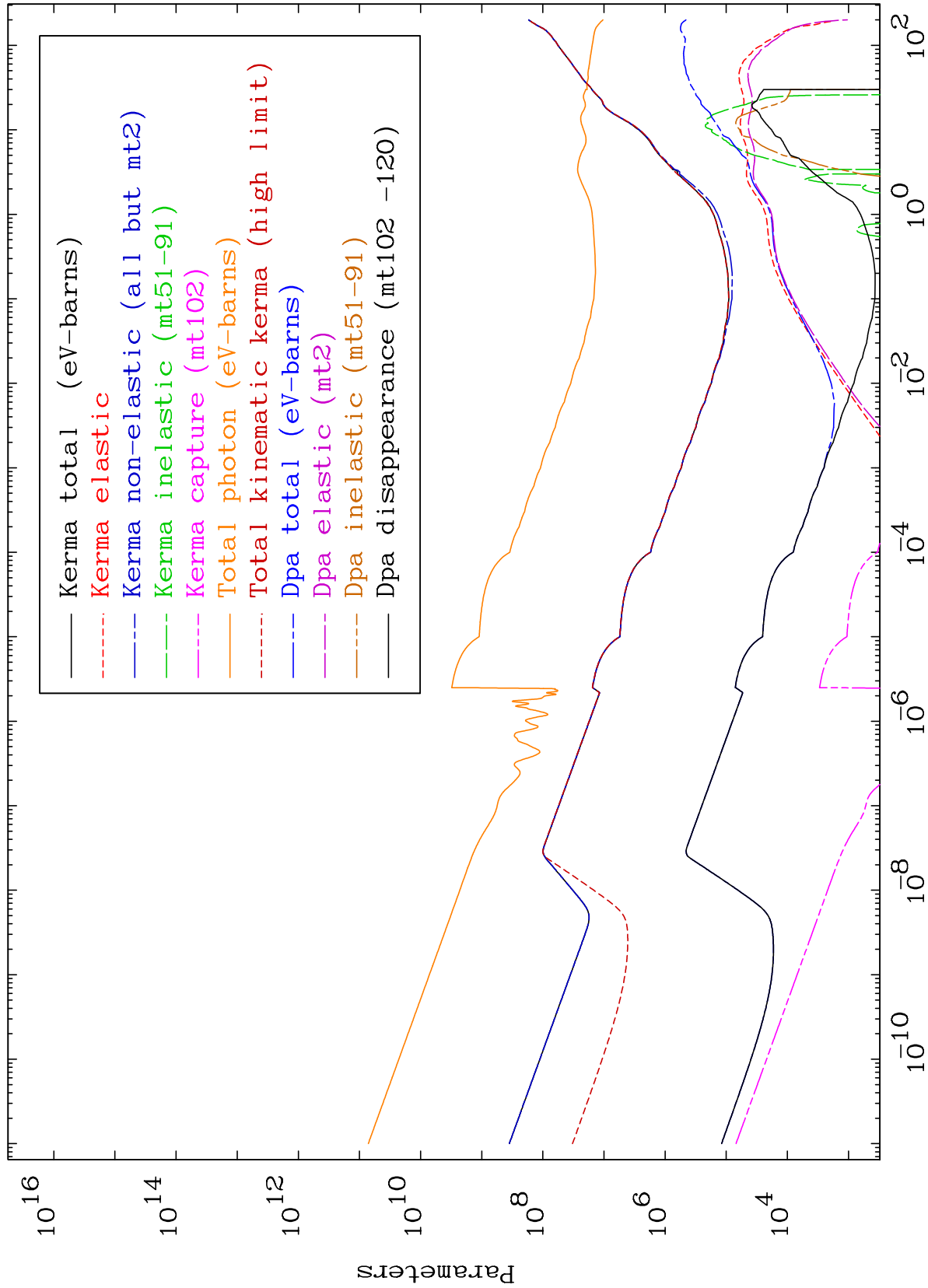
83-Bi-193



12

Incident Energy (MeV)

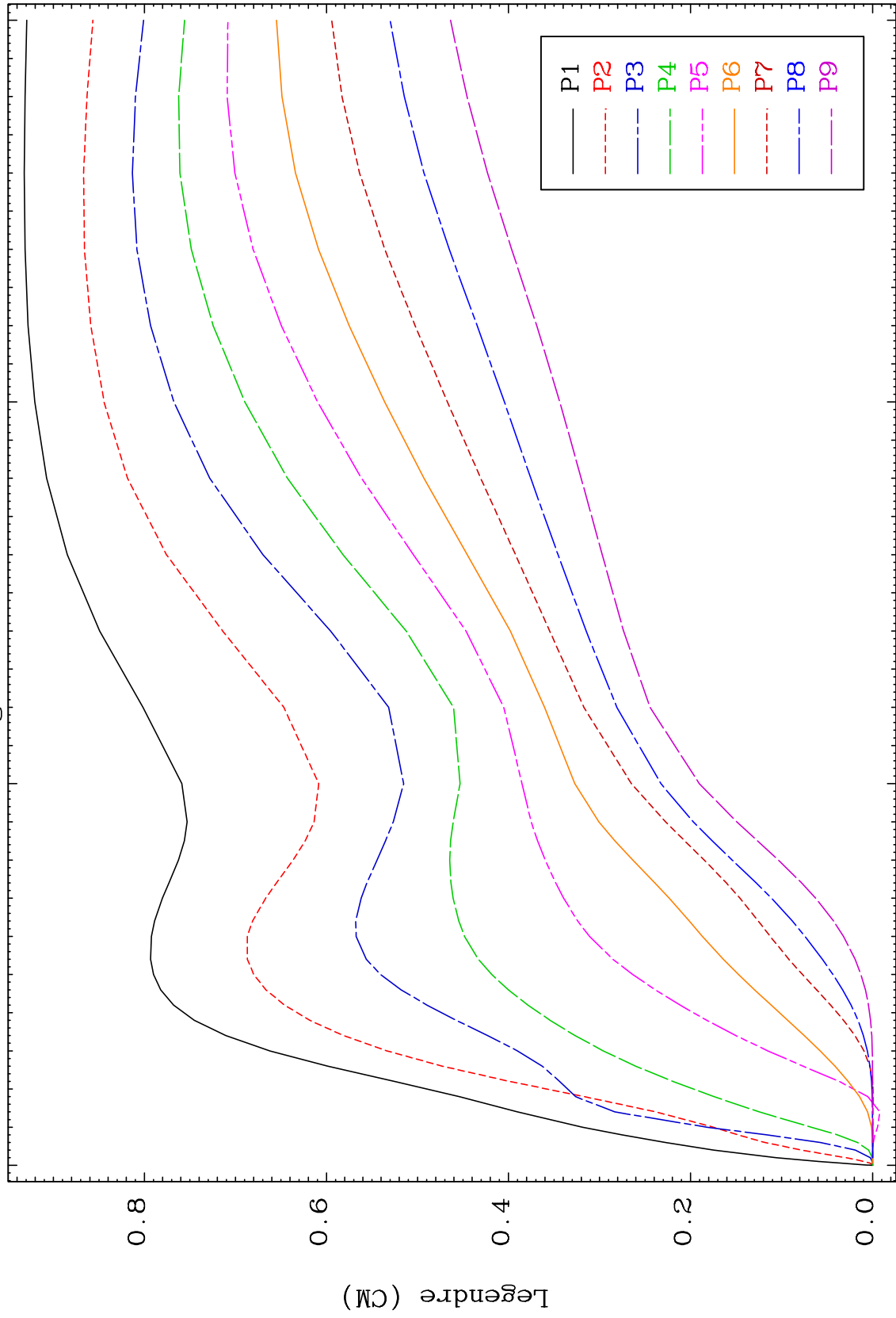
83-Bi-193



MAT 8277

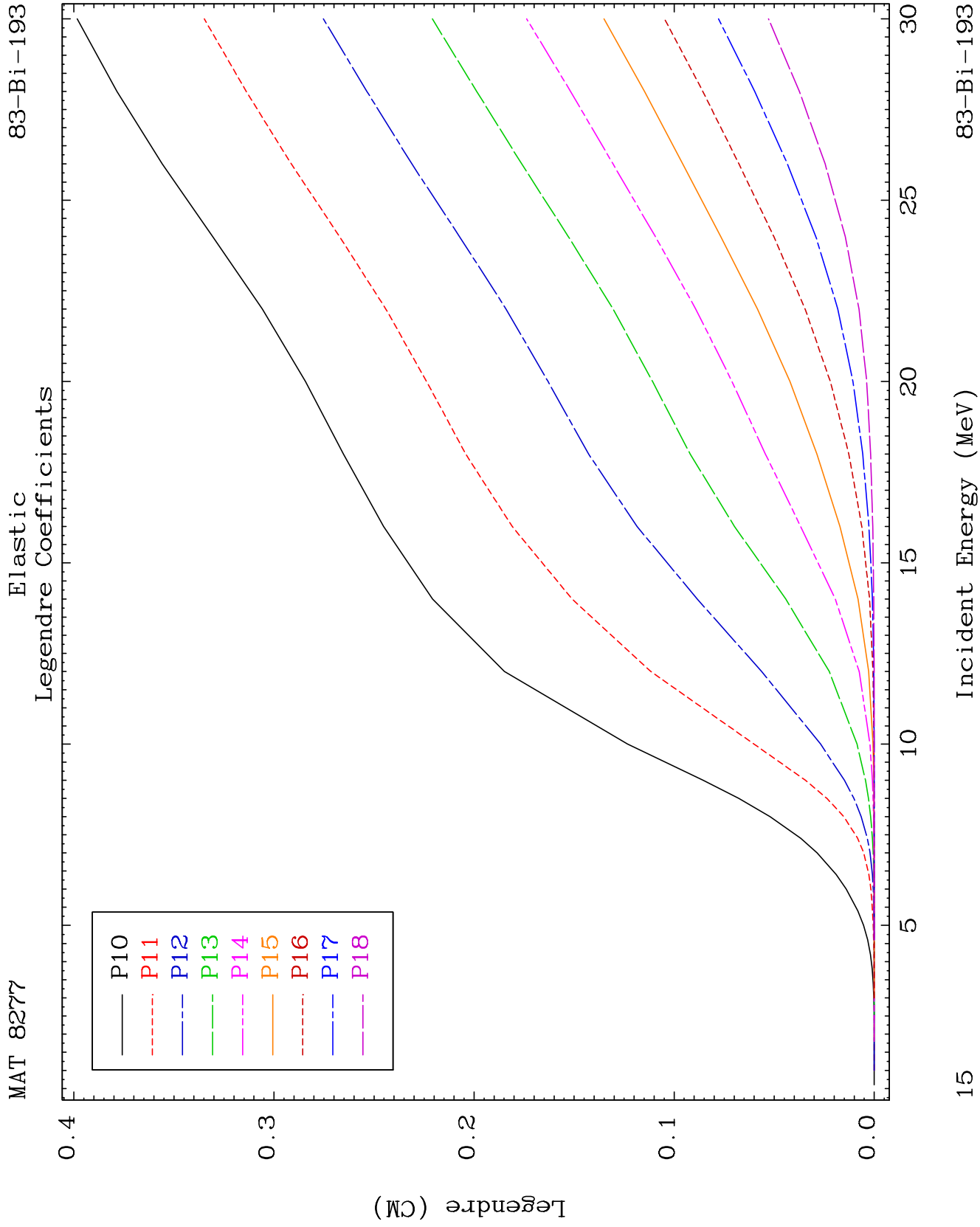
83-Bi-193

Elastic
Legendre Coefficients



14

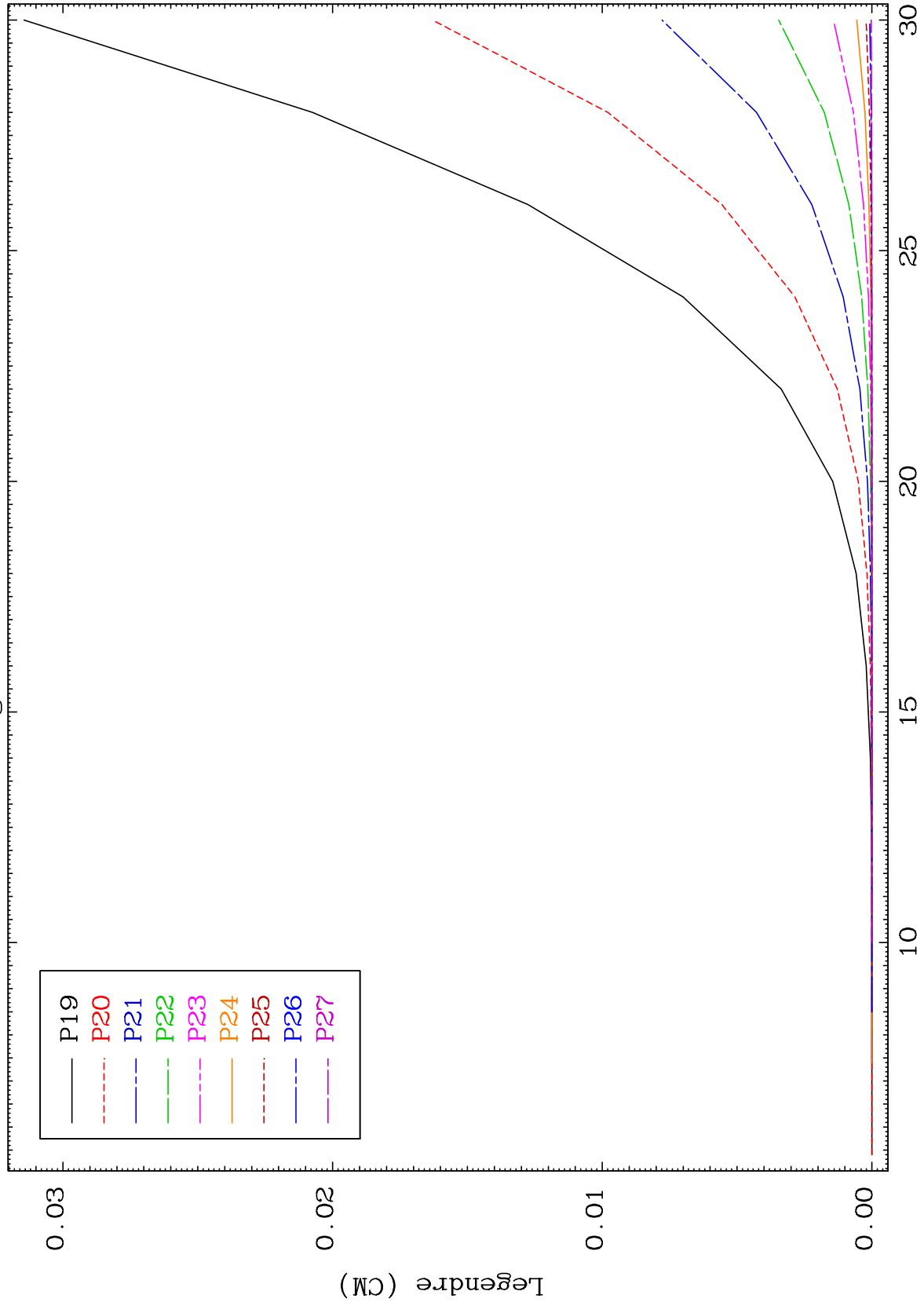
83-Bi-193



MAT 8277

Elastic
Legendre Coefficients

83-Bi-193



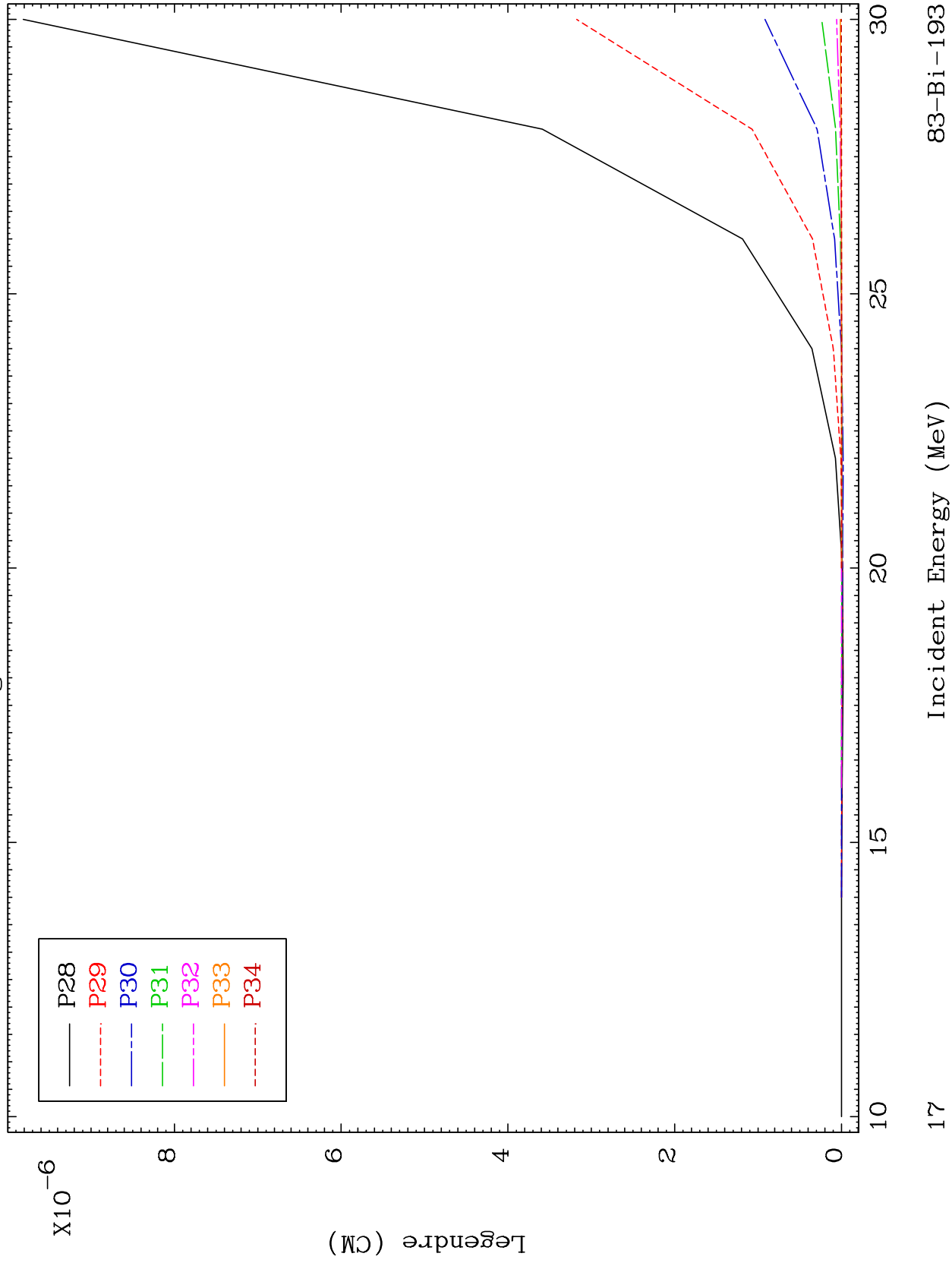
16

Incident Energy (MeV)

83-Bi-193

83-Bi-193

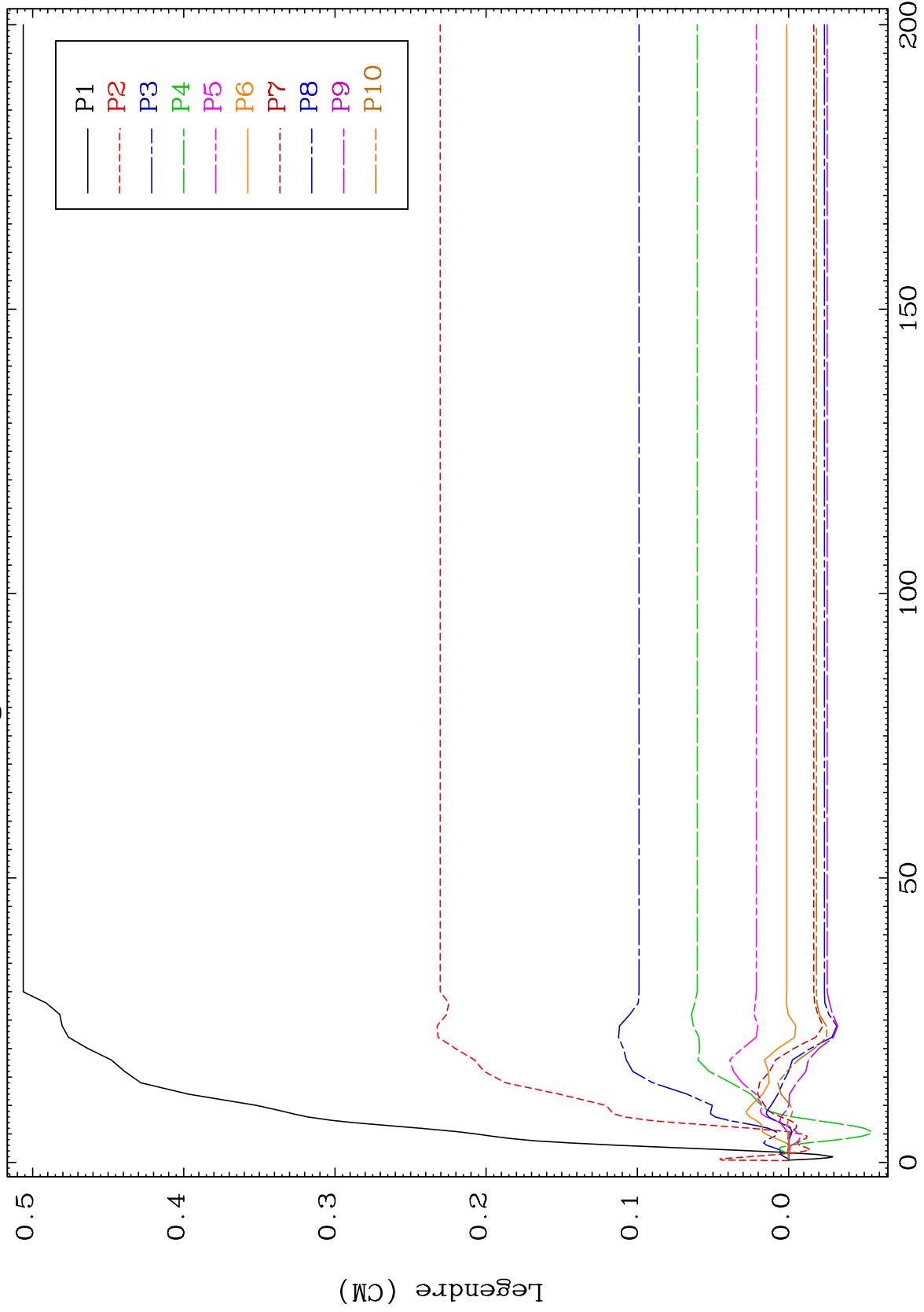
83-Bi-193



MAT 8277

MT= 51 (n,n') Level
Legendre Coefficients

83-Bi-193



18

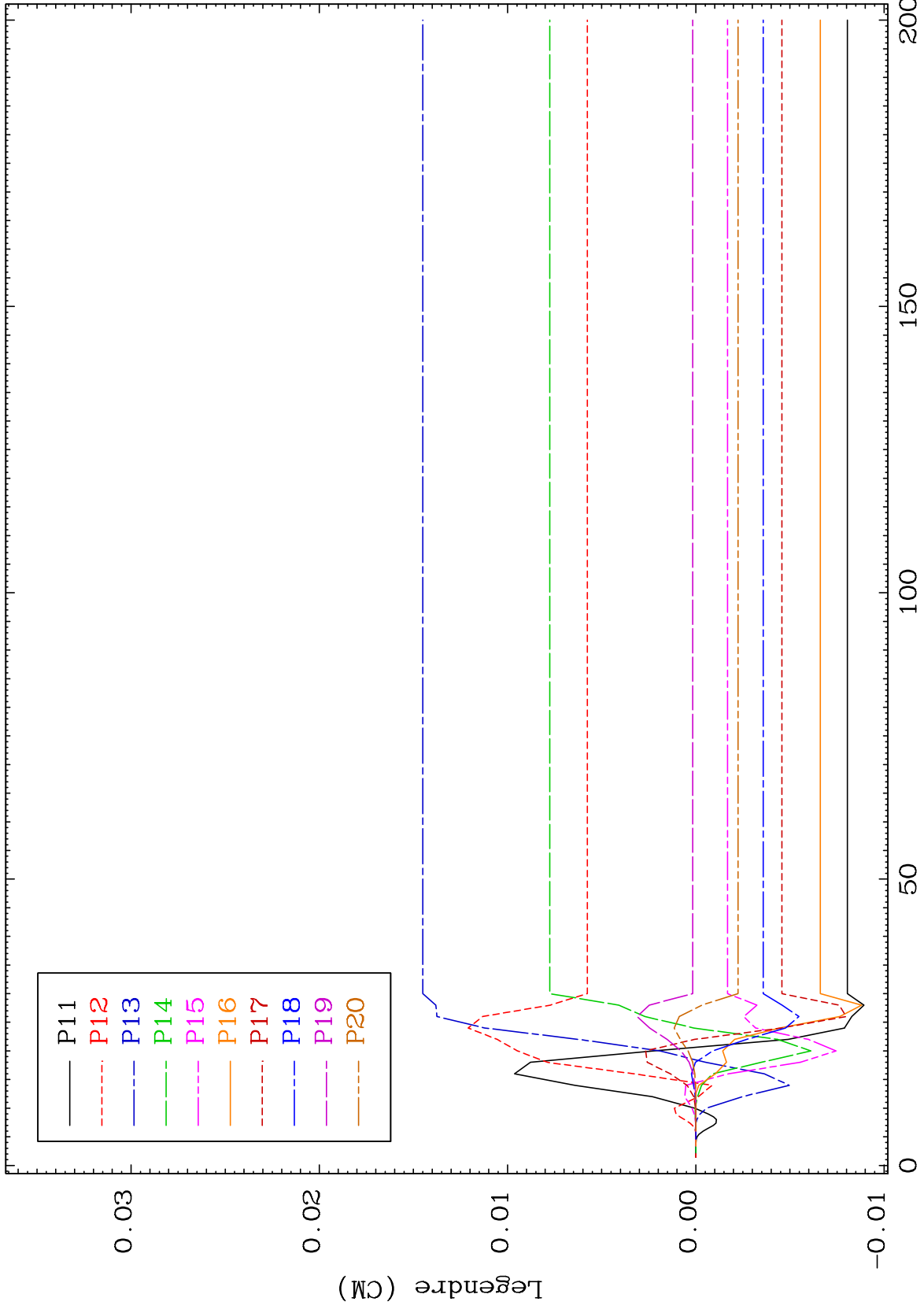
Incident Energy (MeV)

83-Bi-193

MAT 8277

MT= 51 (n,n') Level
Legendre Coefficients

83-Bi-193



19

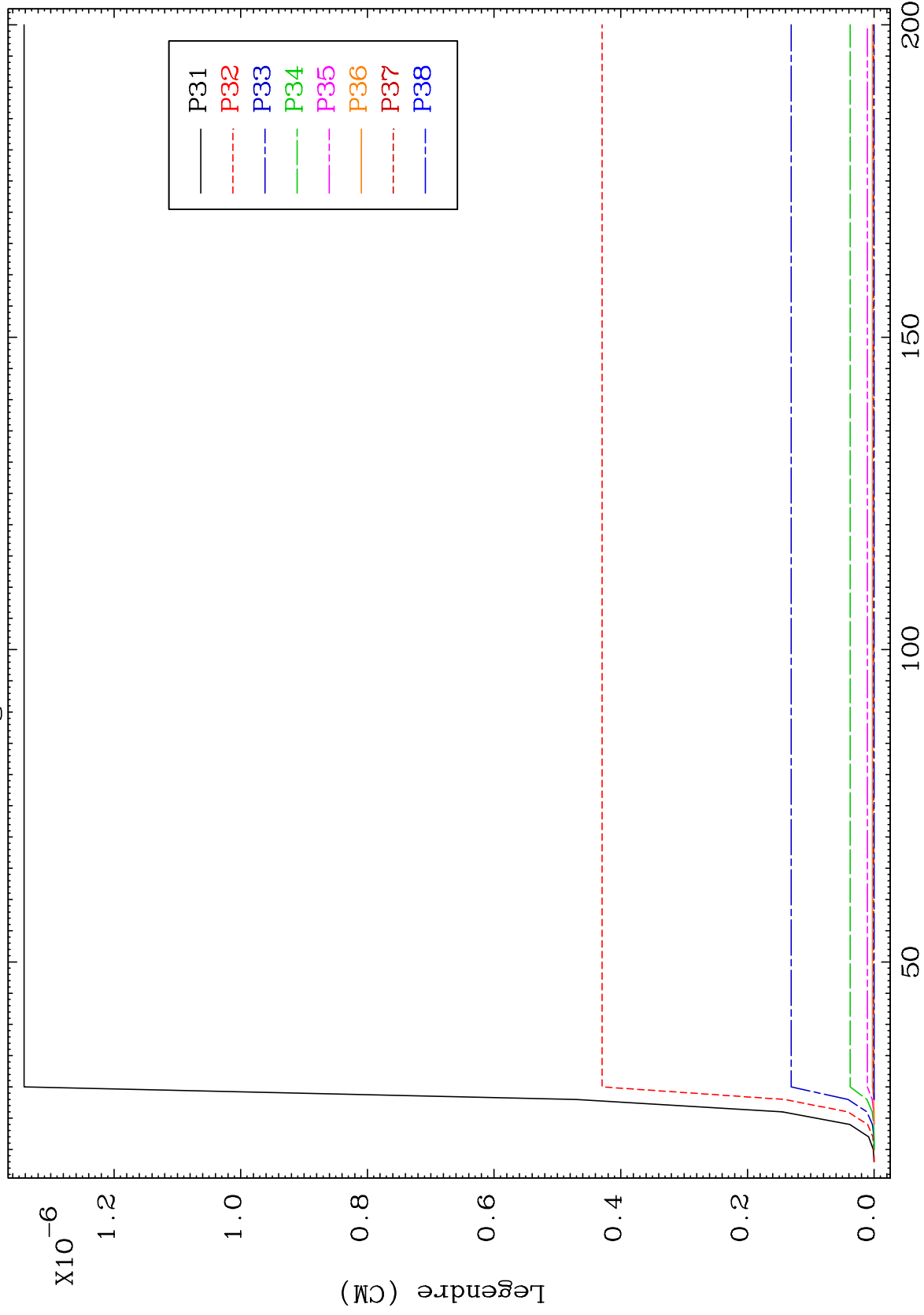
Incident Energy (MeV)

83-Bi-193

MAT 8277

MT= 51 (n,n') Level
Legendre Coefficients

83-Bi-193



21

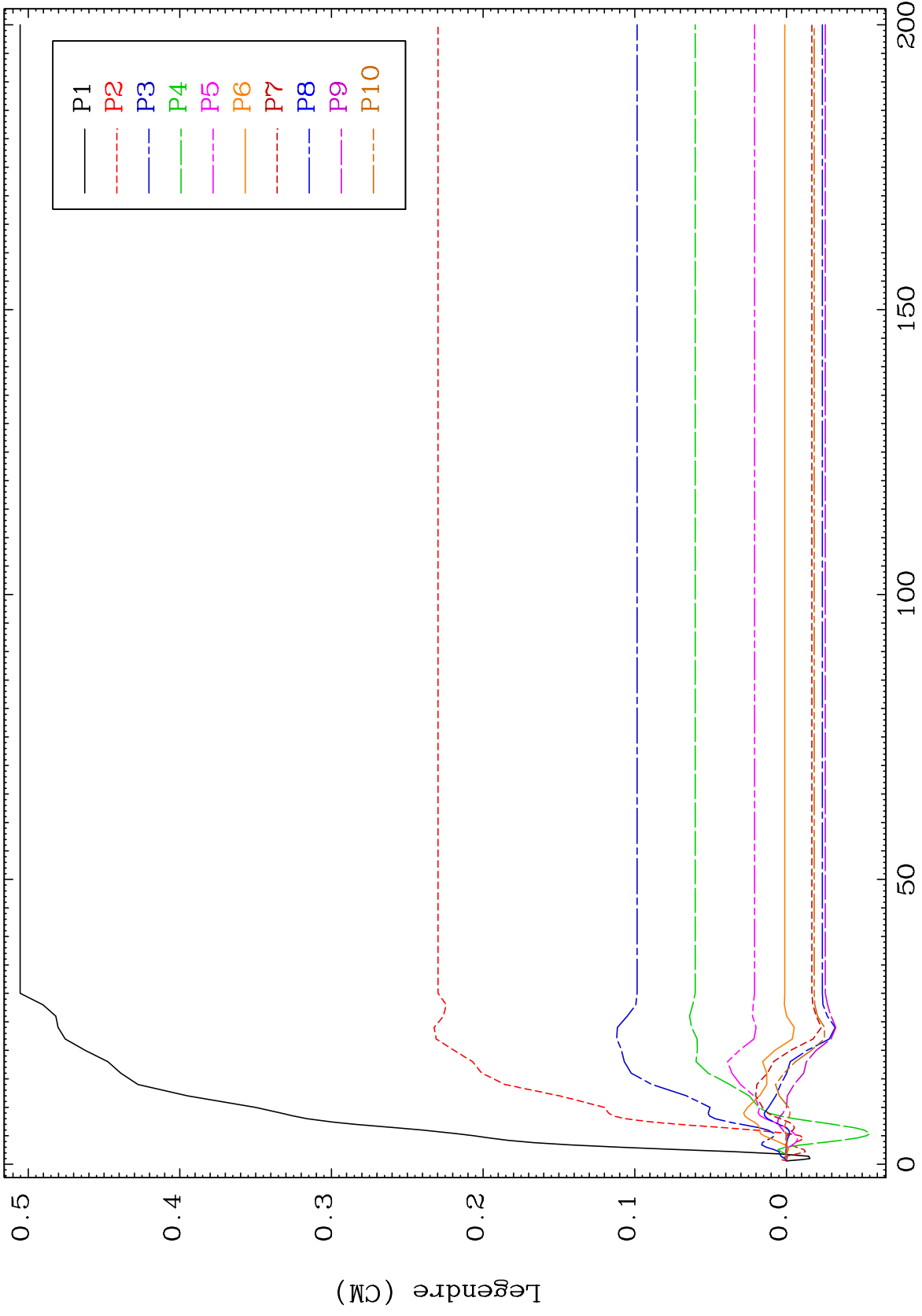
Incident Energy (MeV)

83-Bi-193

MAT 8277

MT= 52 (n,n') Level
Legendre Coefficients

83-Bi-193



22

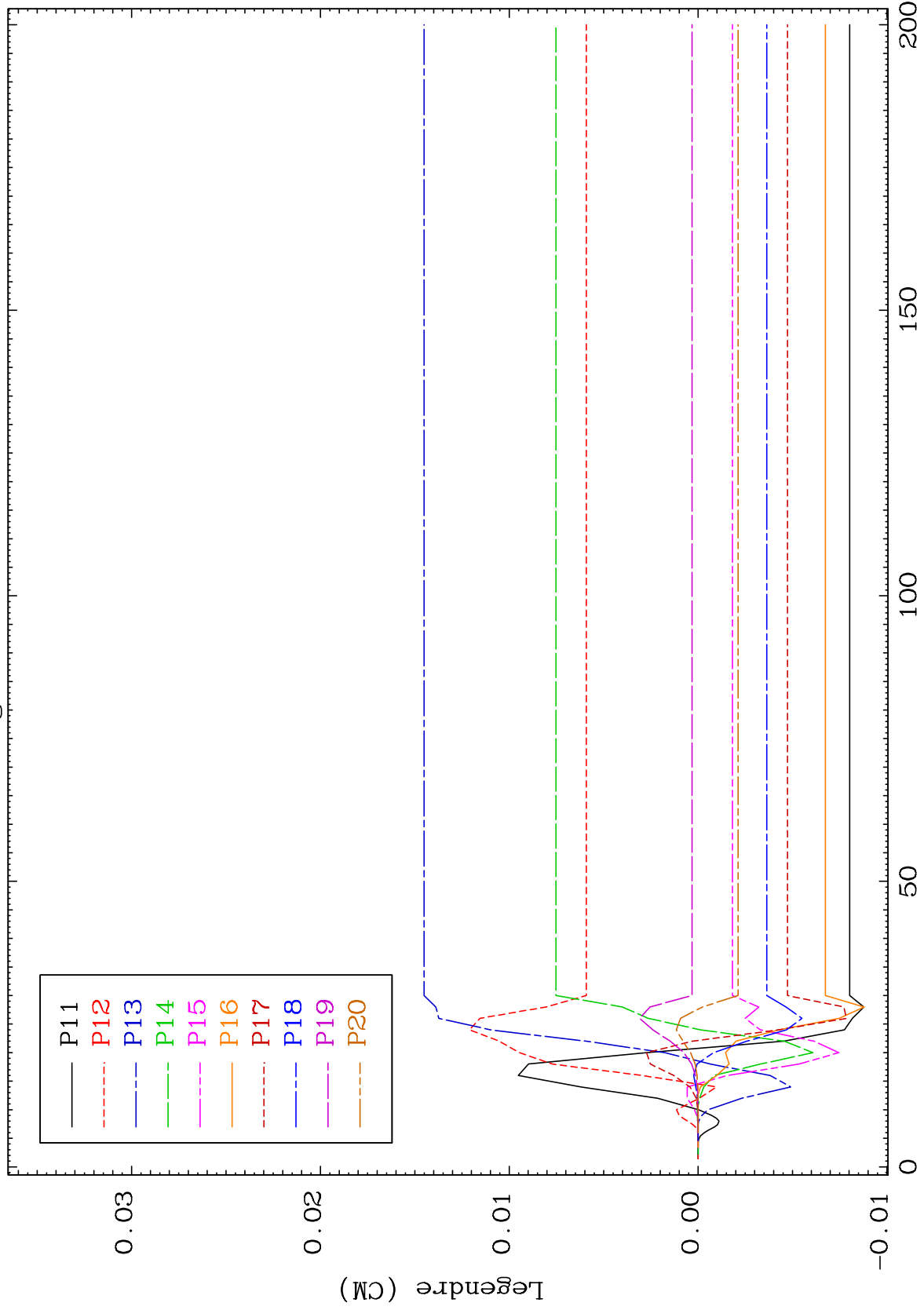
Incident Energy (MeV)

83-Bi-193

MAT 8277

MT= 52 (n,n') Level
Legendre Coefficients

83-Bi-193



23

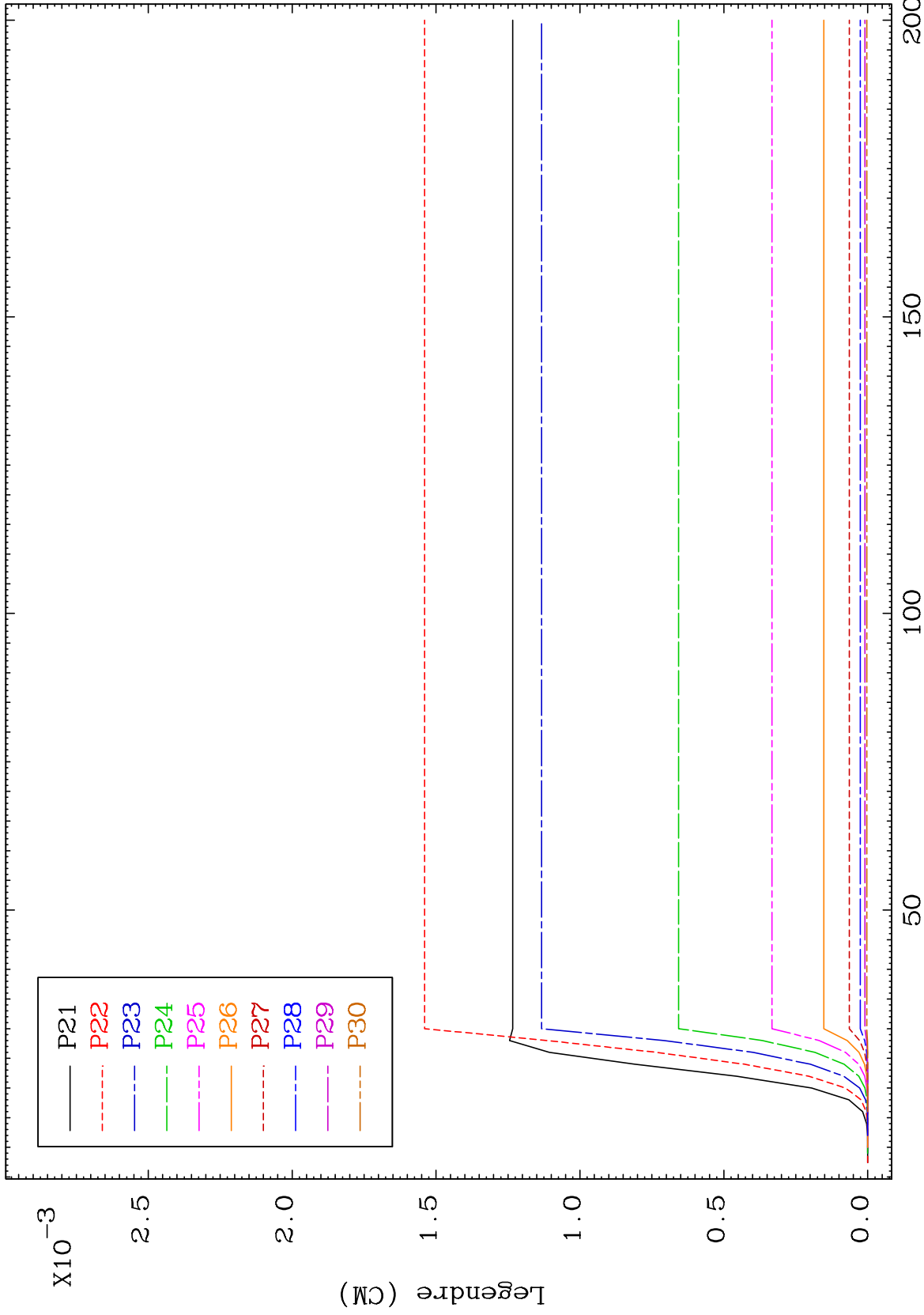
Incident Energy (MeV)

83-Bi-193

MAT 8277

MT= 52 (n,n') Level
Legendre Coefficients

83-Bi-193



24

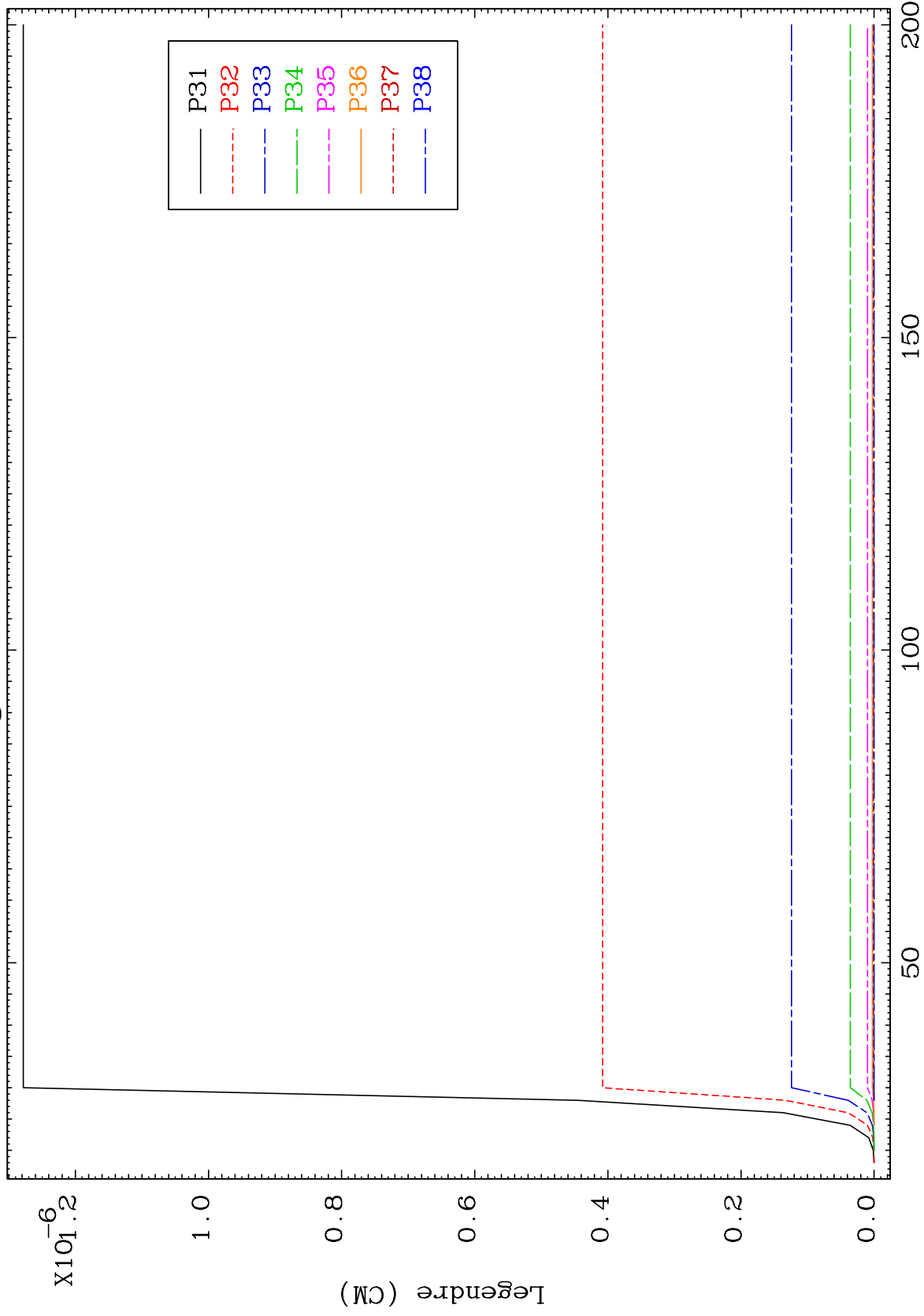
Incident Energy (MeV)

83-Bi-193

MAT 8277

MT= 52 (n,n') Level
Legendre Coefficients

83-Bi-193

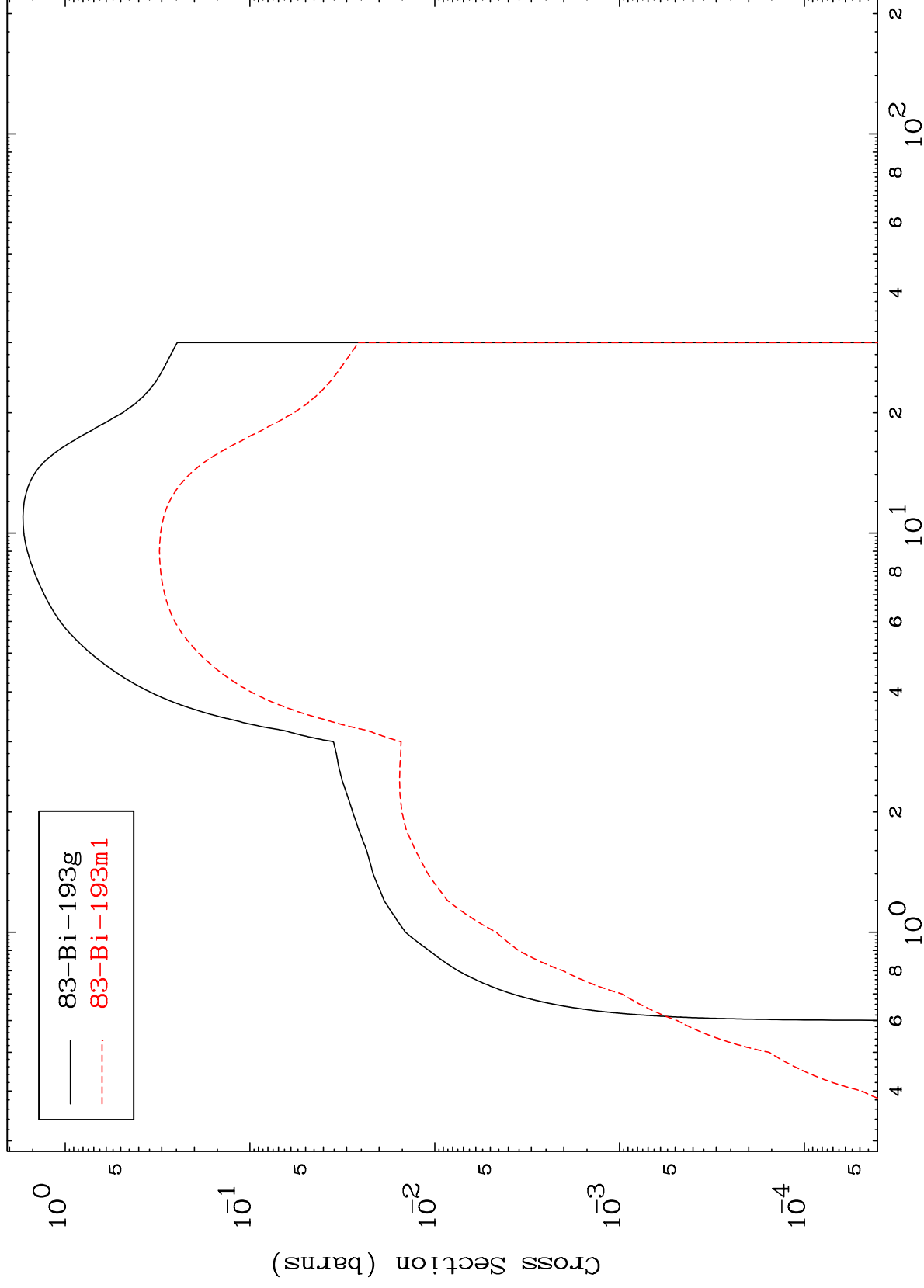


25

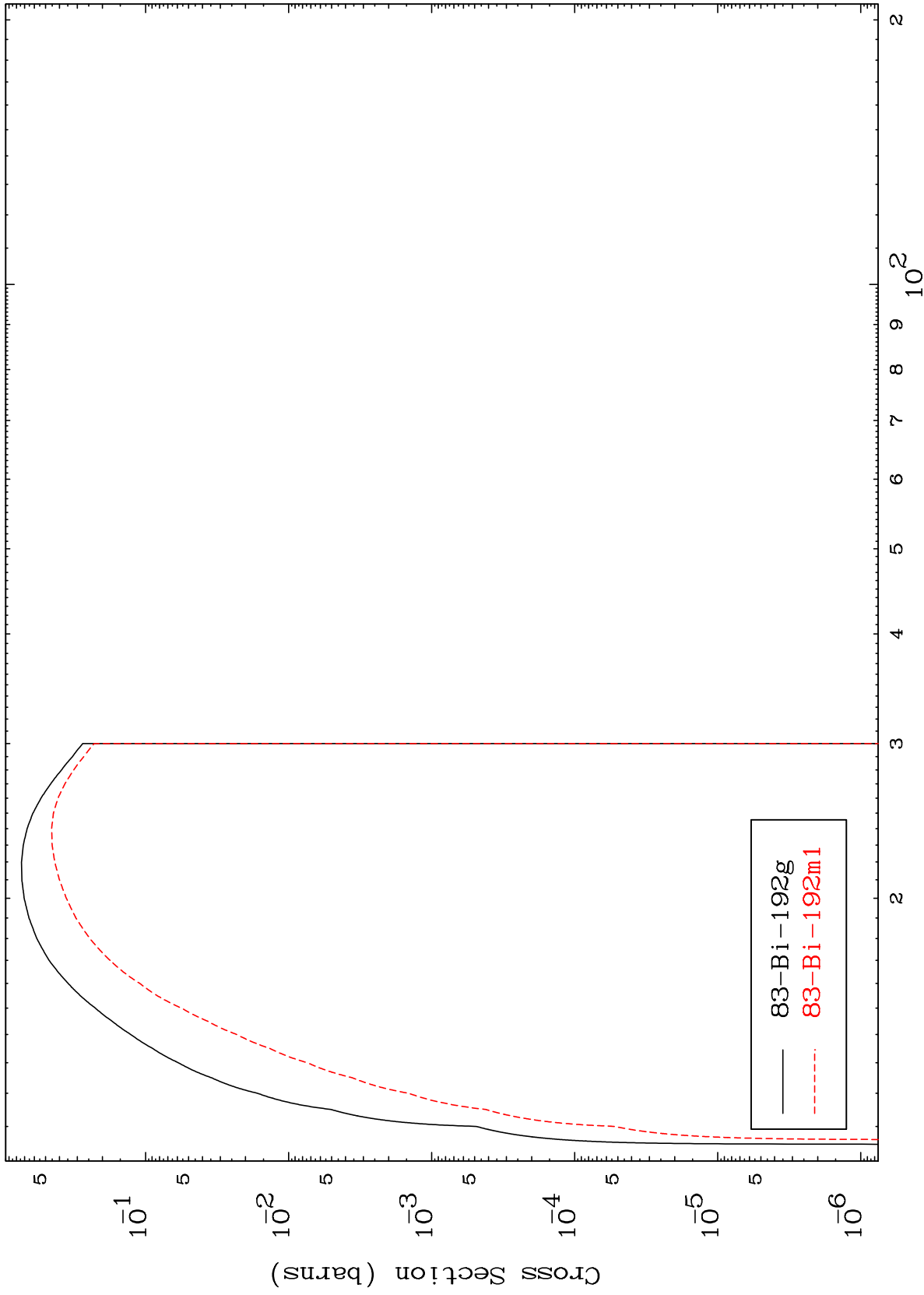
Incident Energy (MeV)

83-Bi-193

Radionuclide Production Cross Section



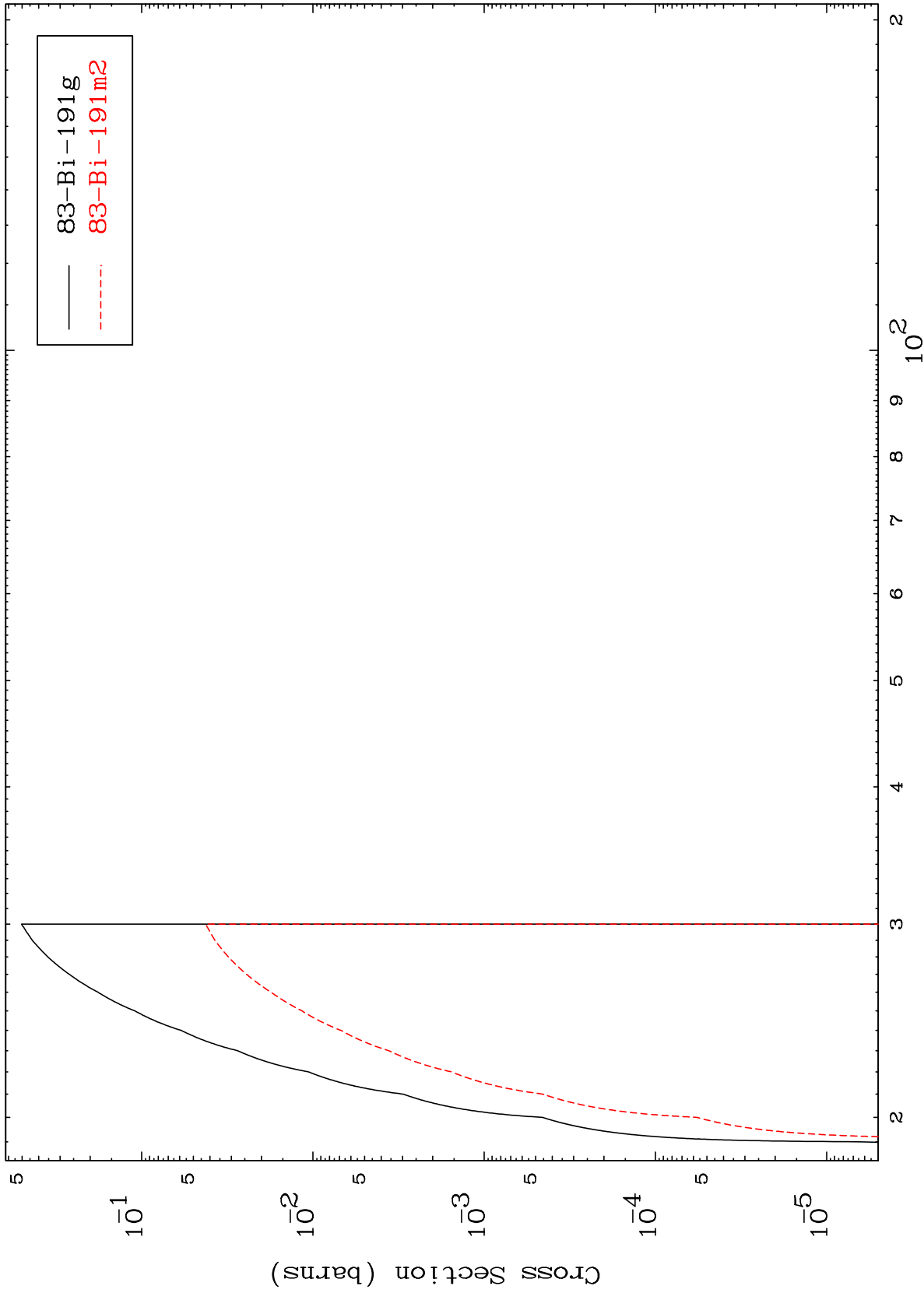
(n,2n)
Radionuclide Production Cross Section



MAT 8277

83-Bi-193

(n,3n)
Radionuclide Production Cross Section



28

Incident Energy (MeV)

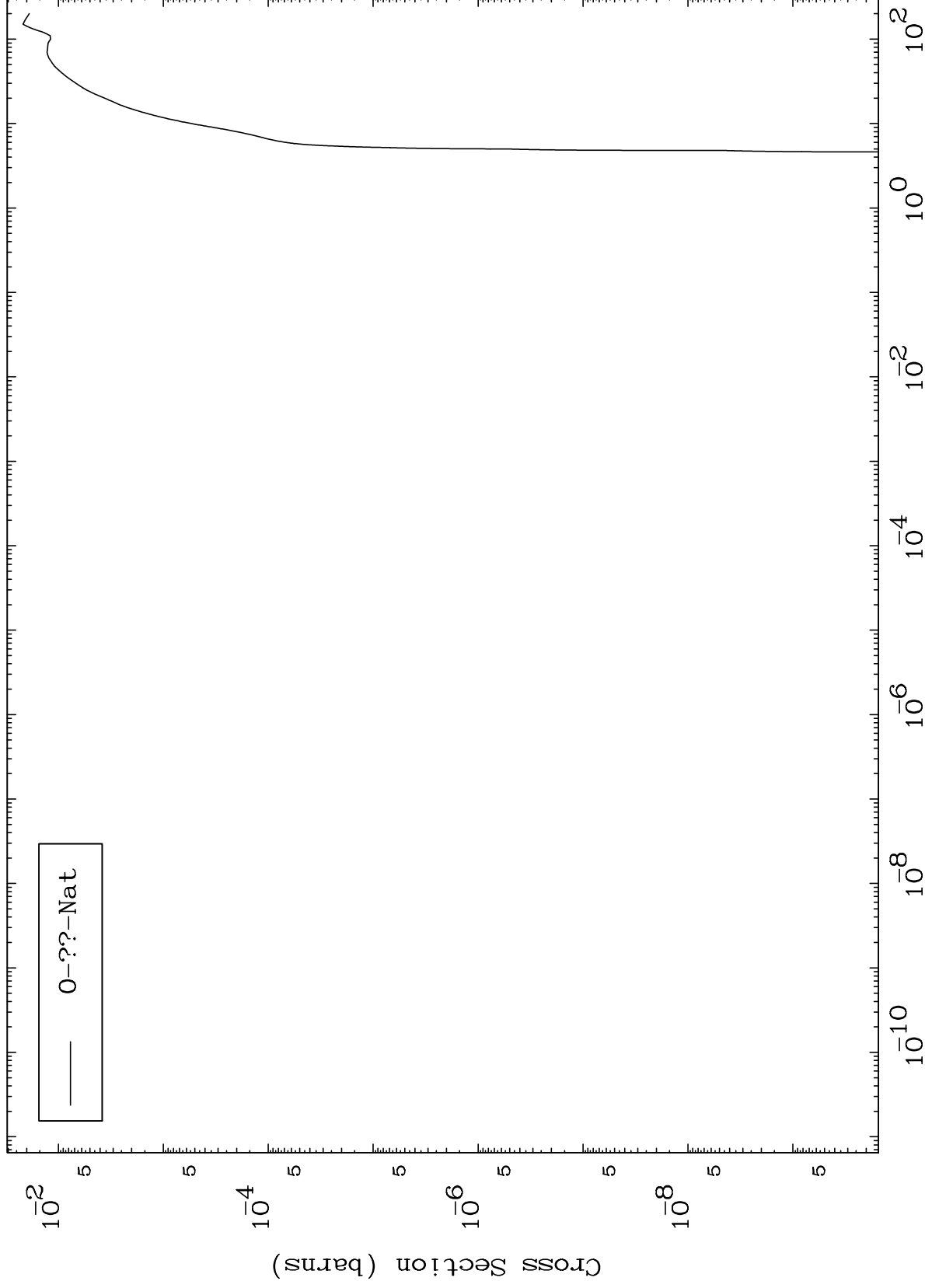
83-Bi-193

MAT 8277

Fission

83-Bi-193

Radionuclide Production Cross Section



29

Incident Energy (MeV)

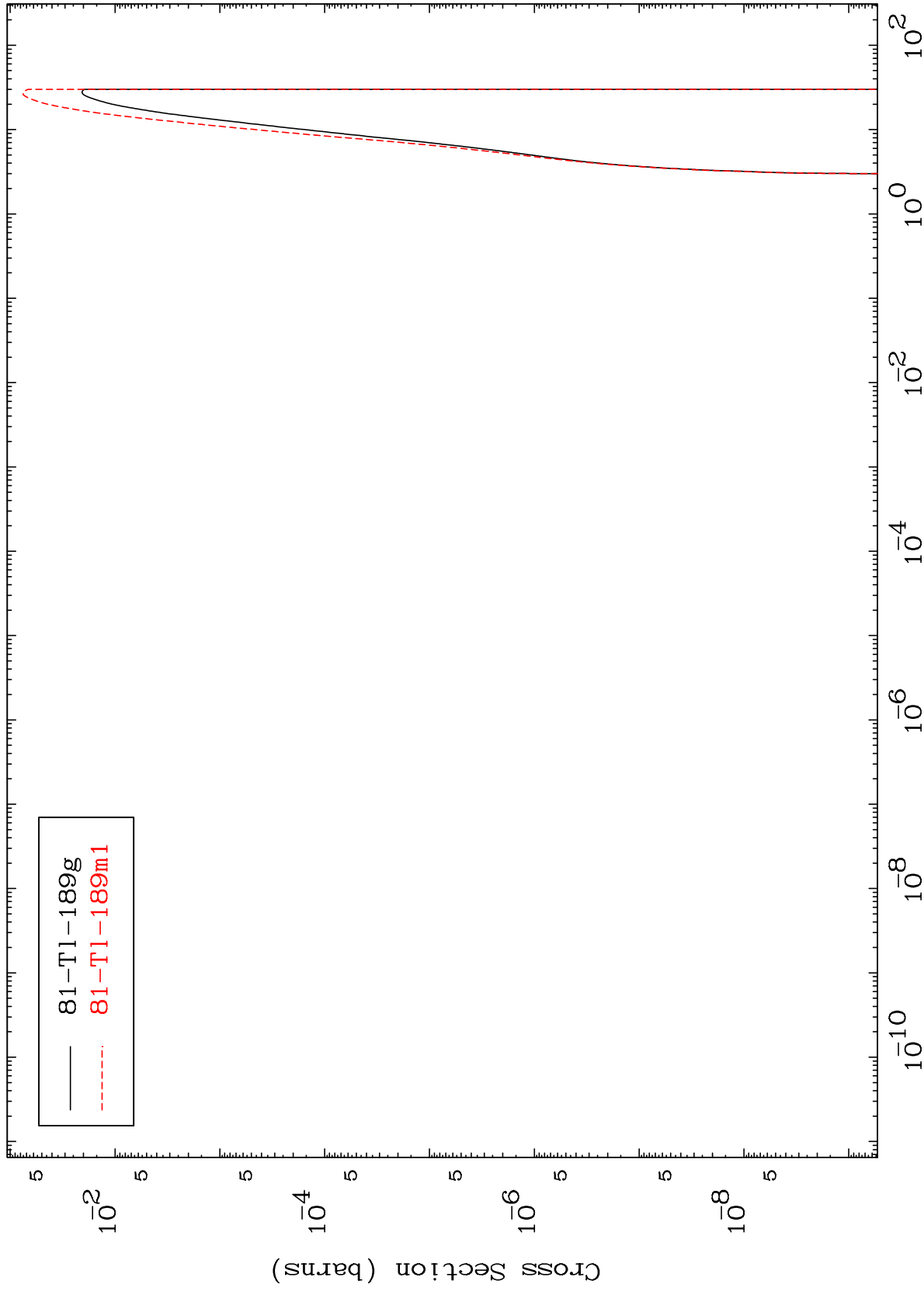
83-Bi-193

MAT 8277

$(n,n') \alpha$

83-Bi-193

Radionuclide Production Cross Section

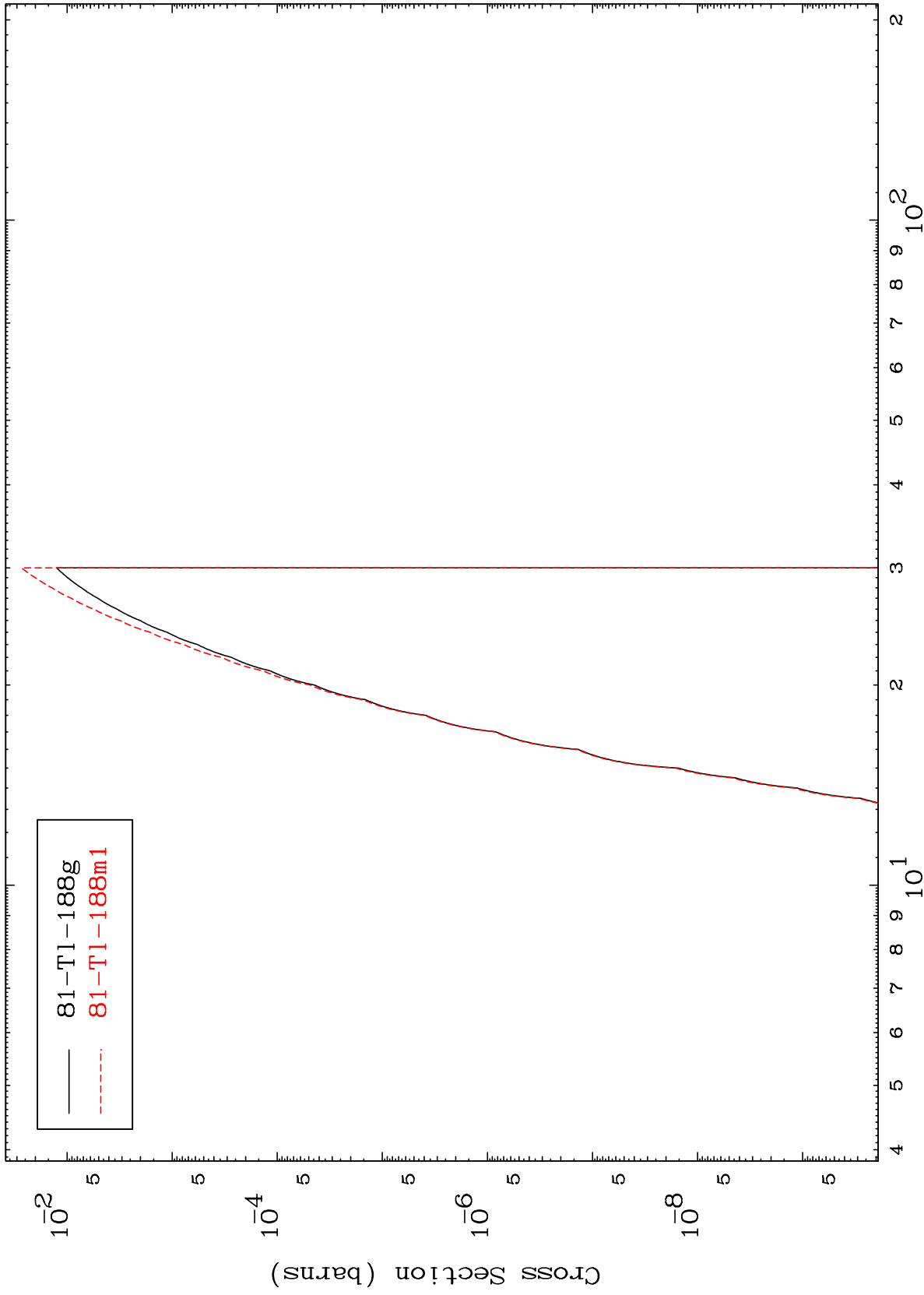


30

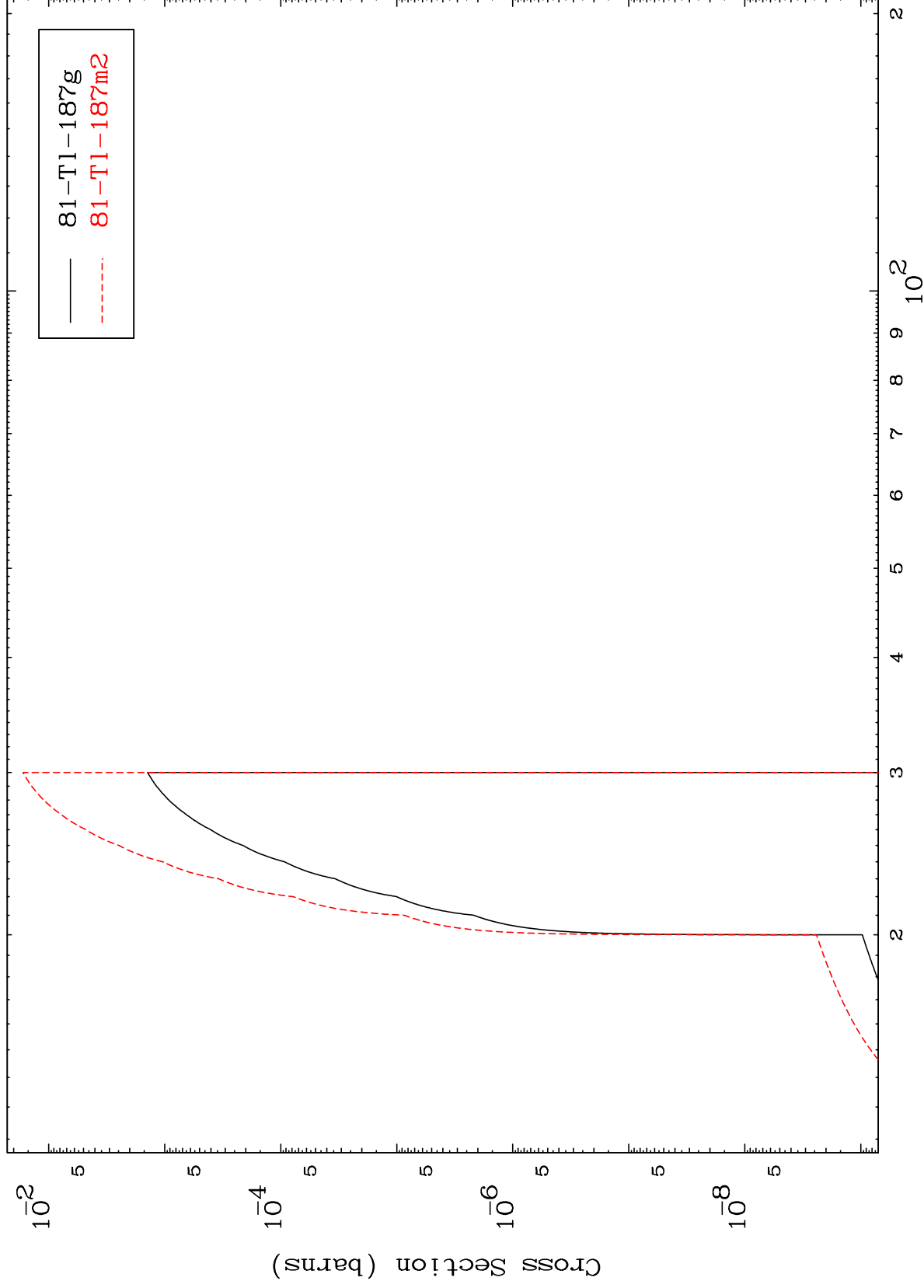
Incident Energy (MeV)

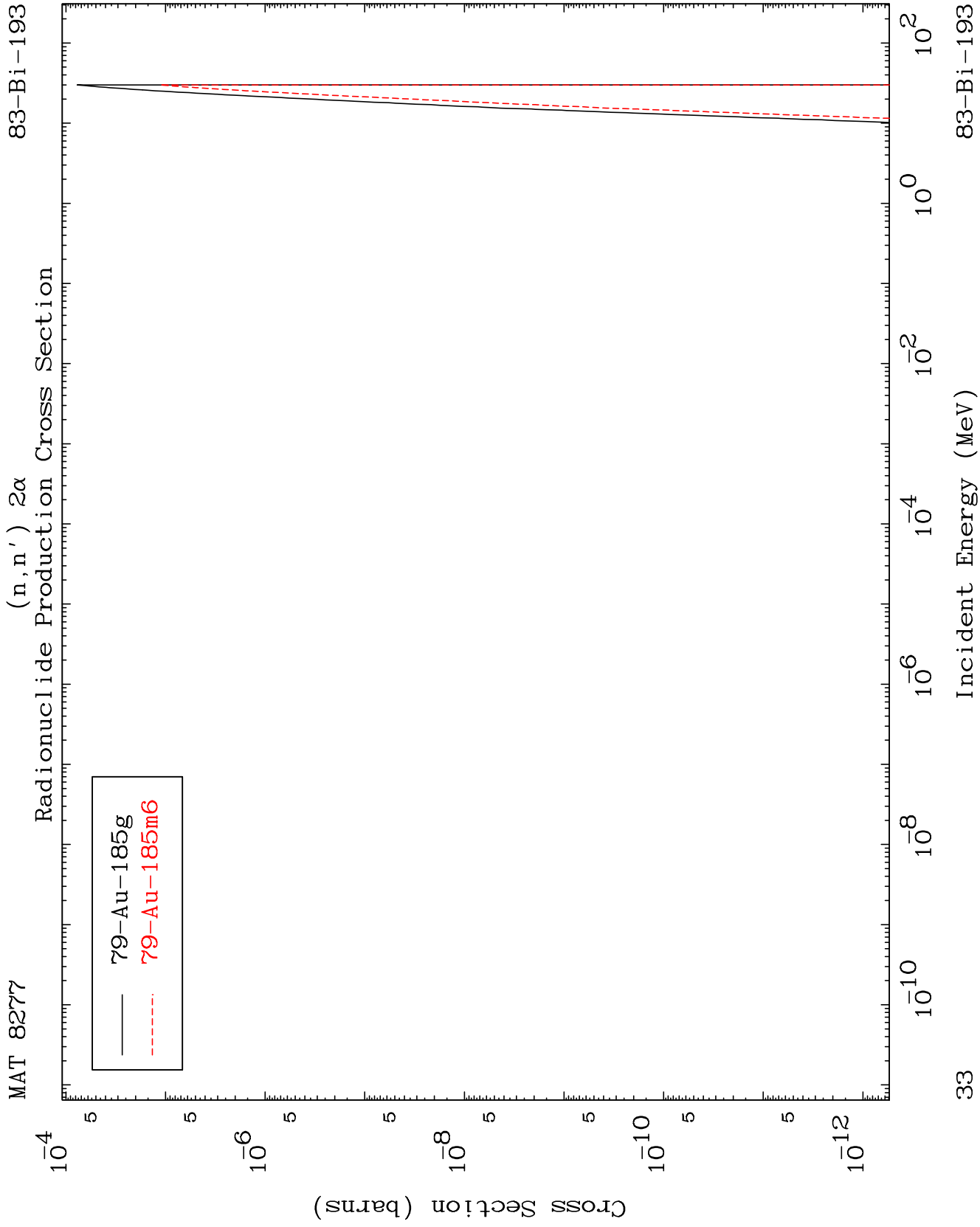
83-Bi-193

Radionuclide Production Cross Section
(n,2n) α



Radionuclide Production Cross Section



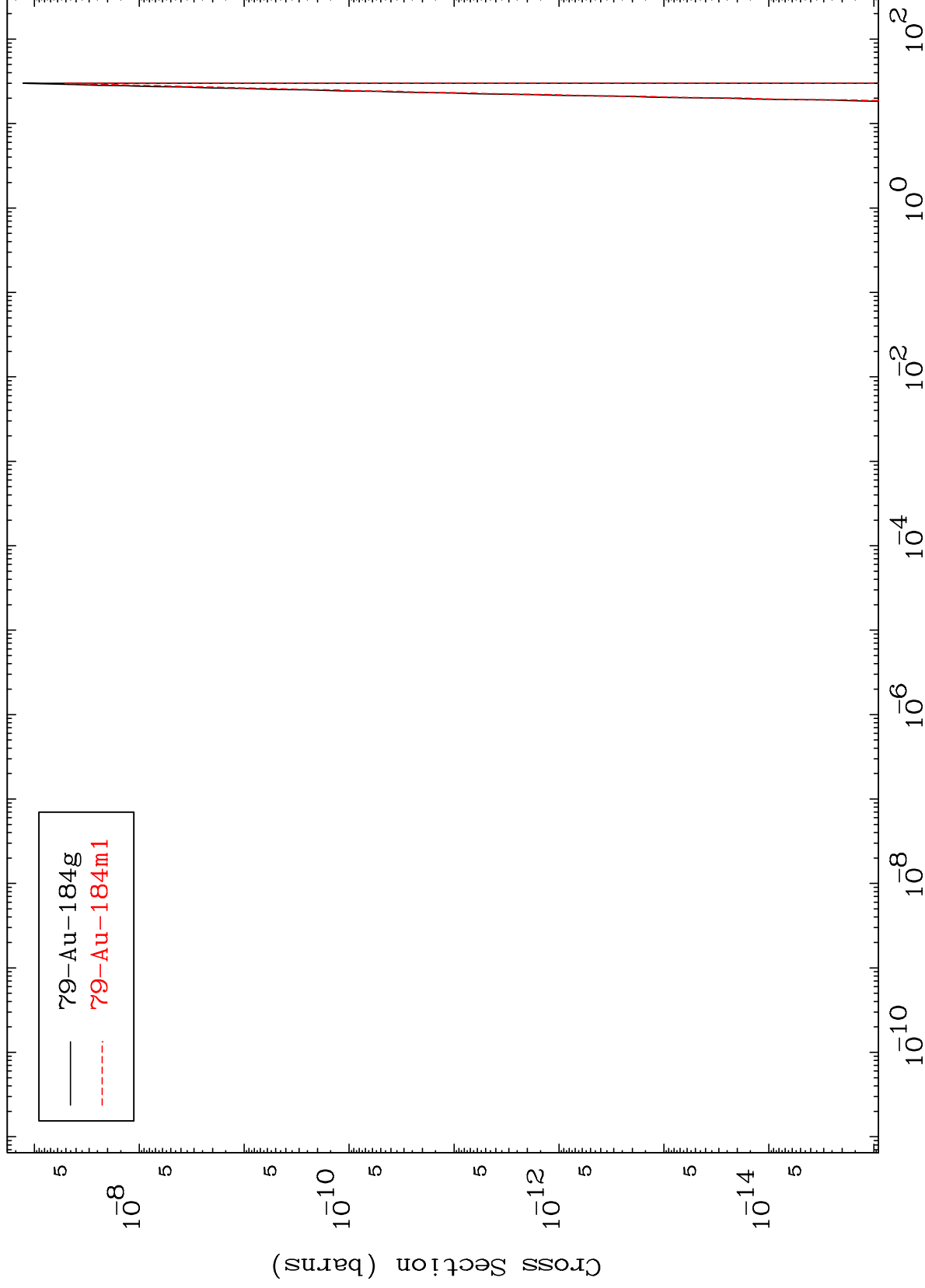


MAT 8277

(n,2n) 2 α

83-Bi-193

Radionuclide Production Cross Section



34

Incident Energy (MeV)

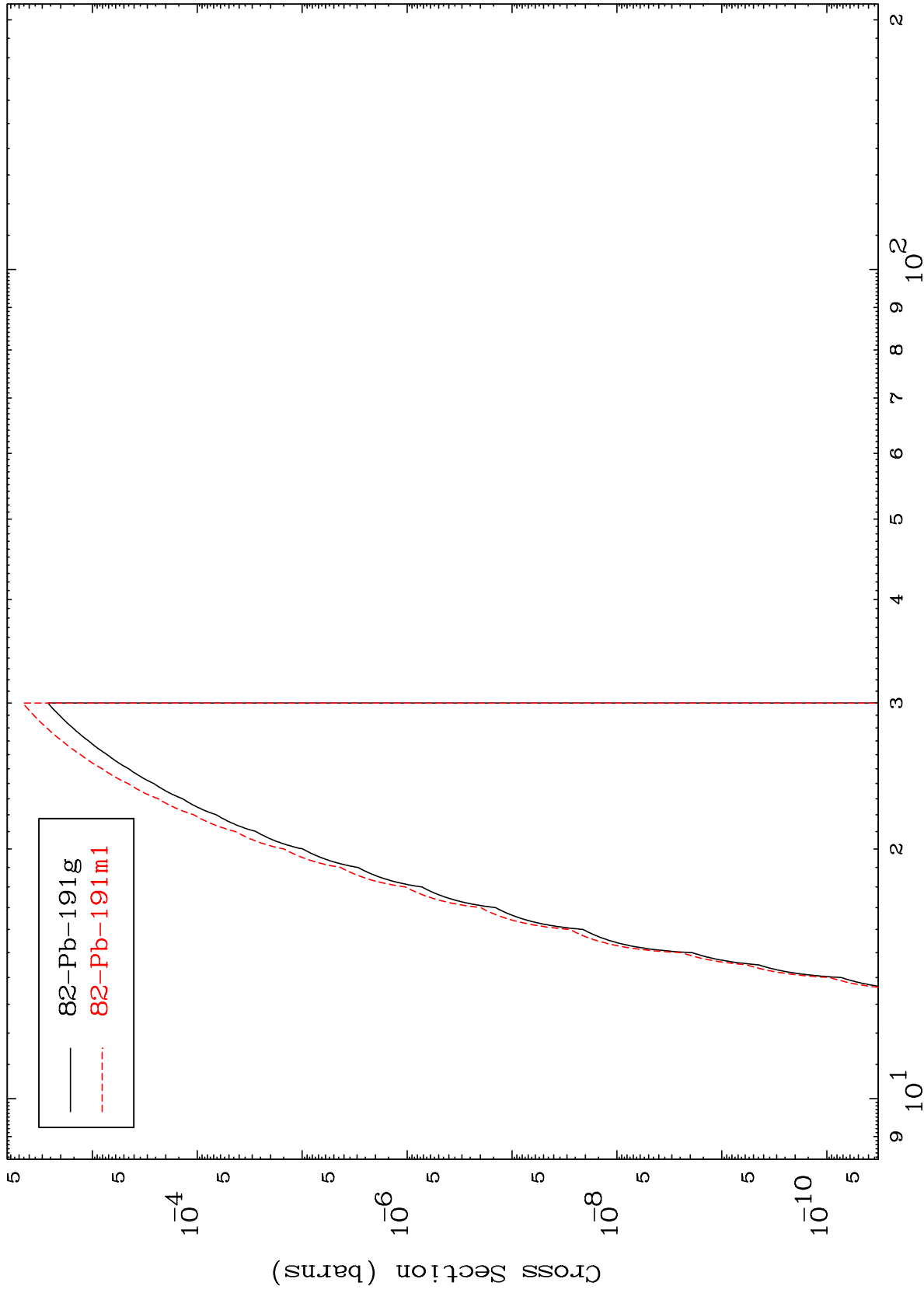
83-Bi-193

MAT 8277

(n,n') d

83-Bi-193

Radionuclide Production Cross Section



35

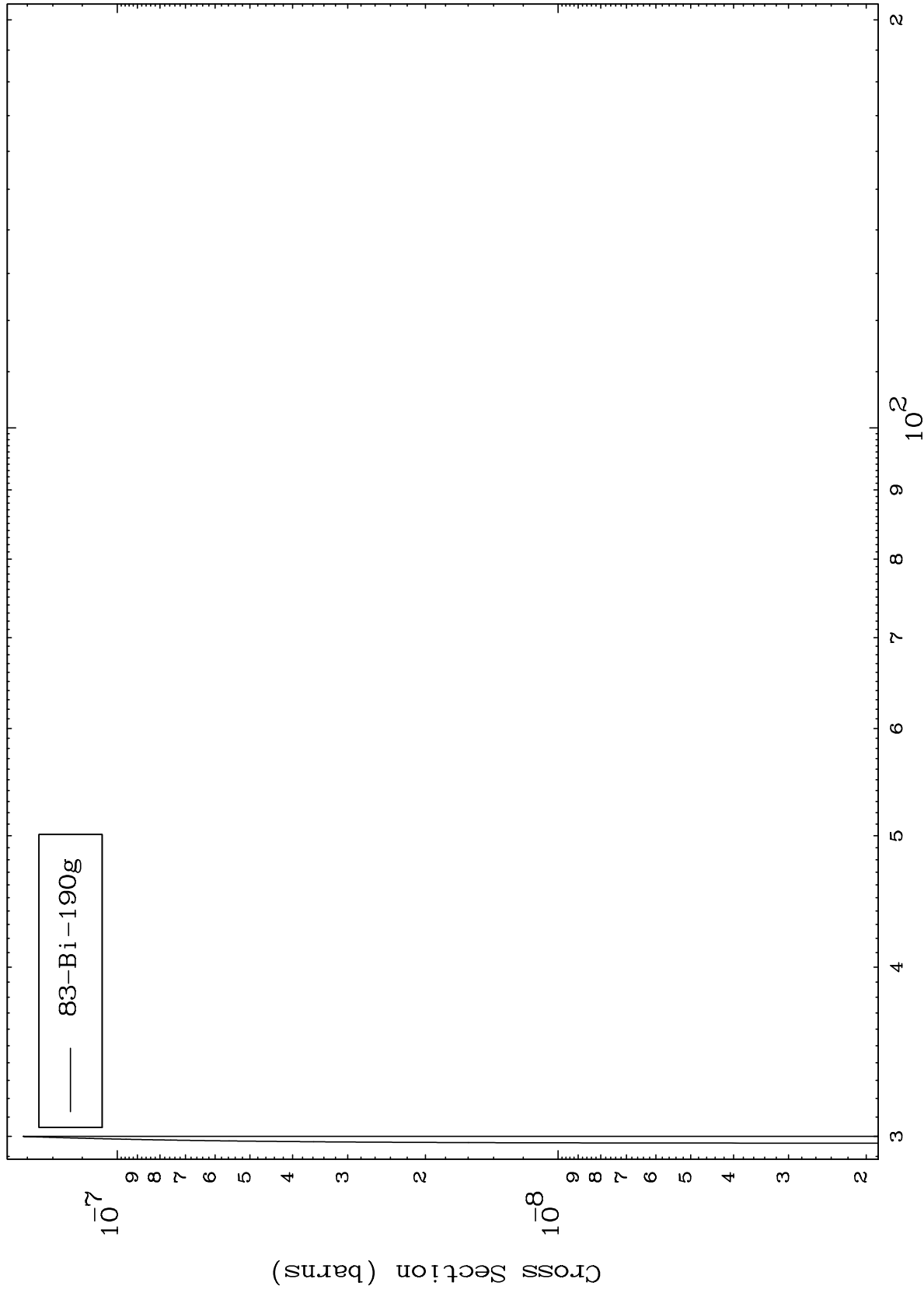
Incident Energy (MeV)

83-Bi-193

MAT 8277

83-Bi-193

(n,4n)
Radionuclide Production Cross Section



36

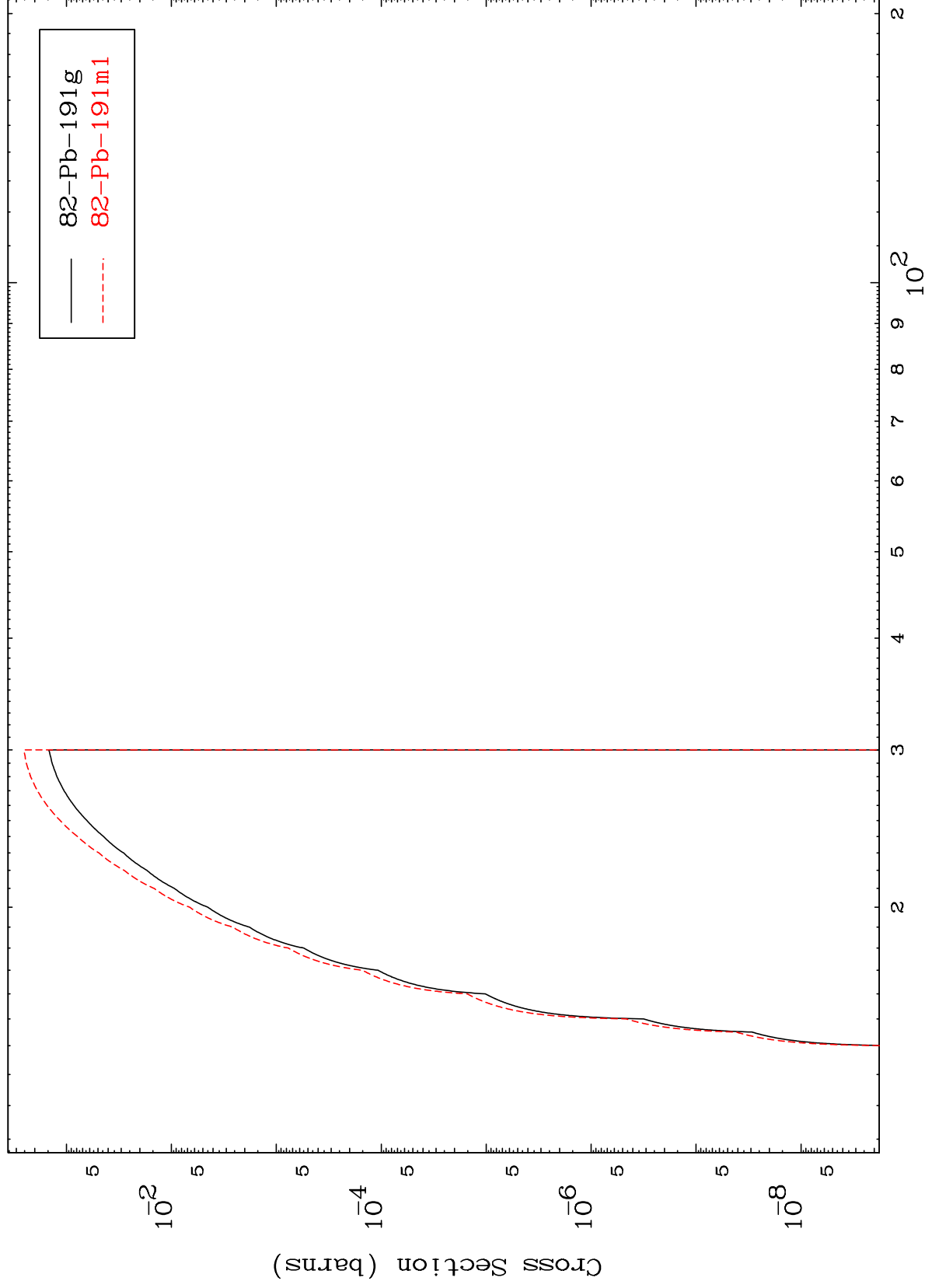
83-Bi-193

MAT 8277

(n,2n) p

83-Bi-193

Radionuclide Production Cross Section



37

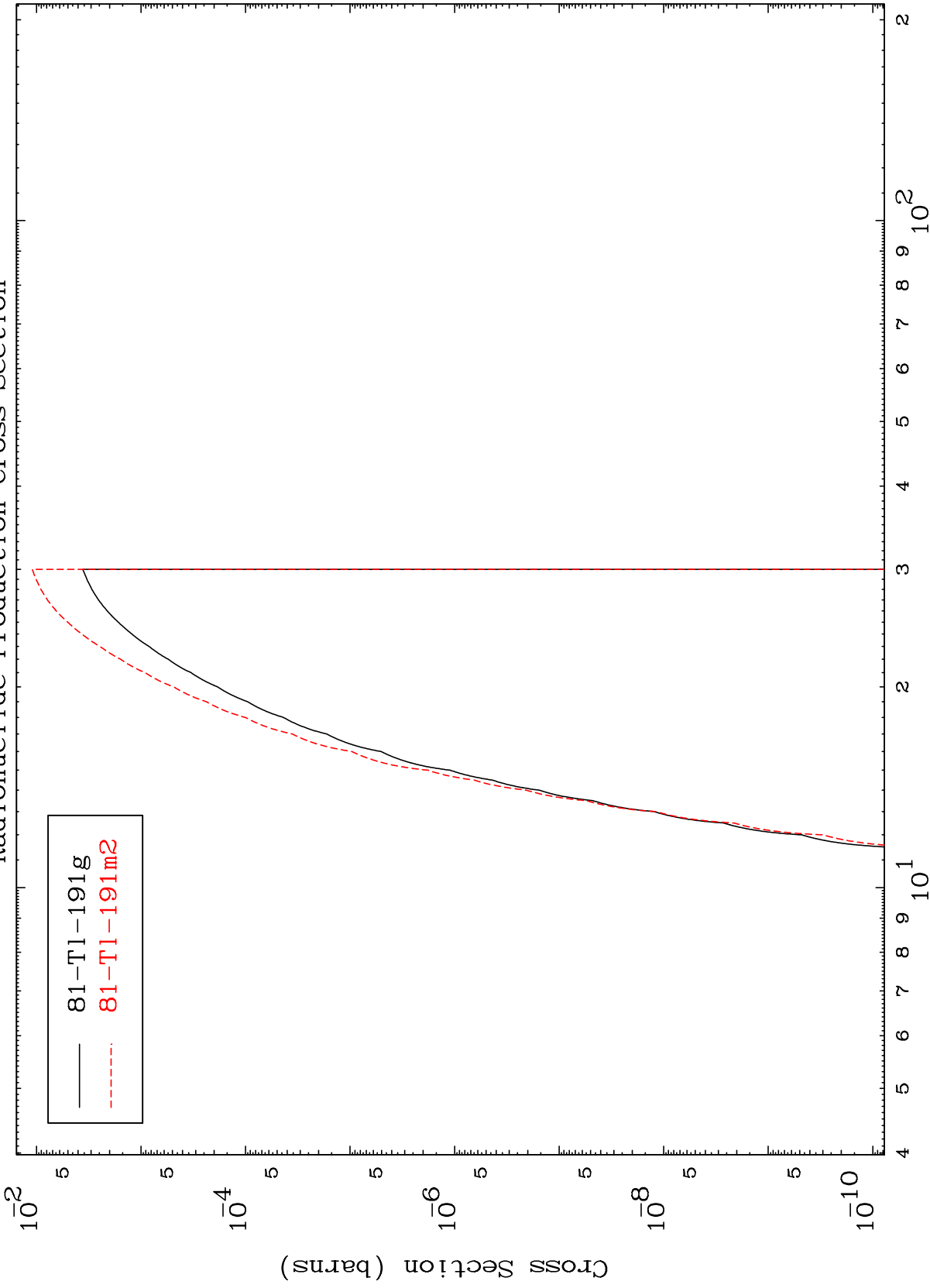
Incident Energy (MeV)

83-Bi-193

MAT 8277

83-Bi-193

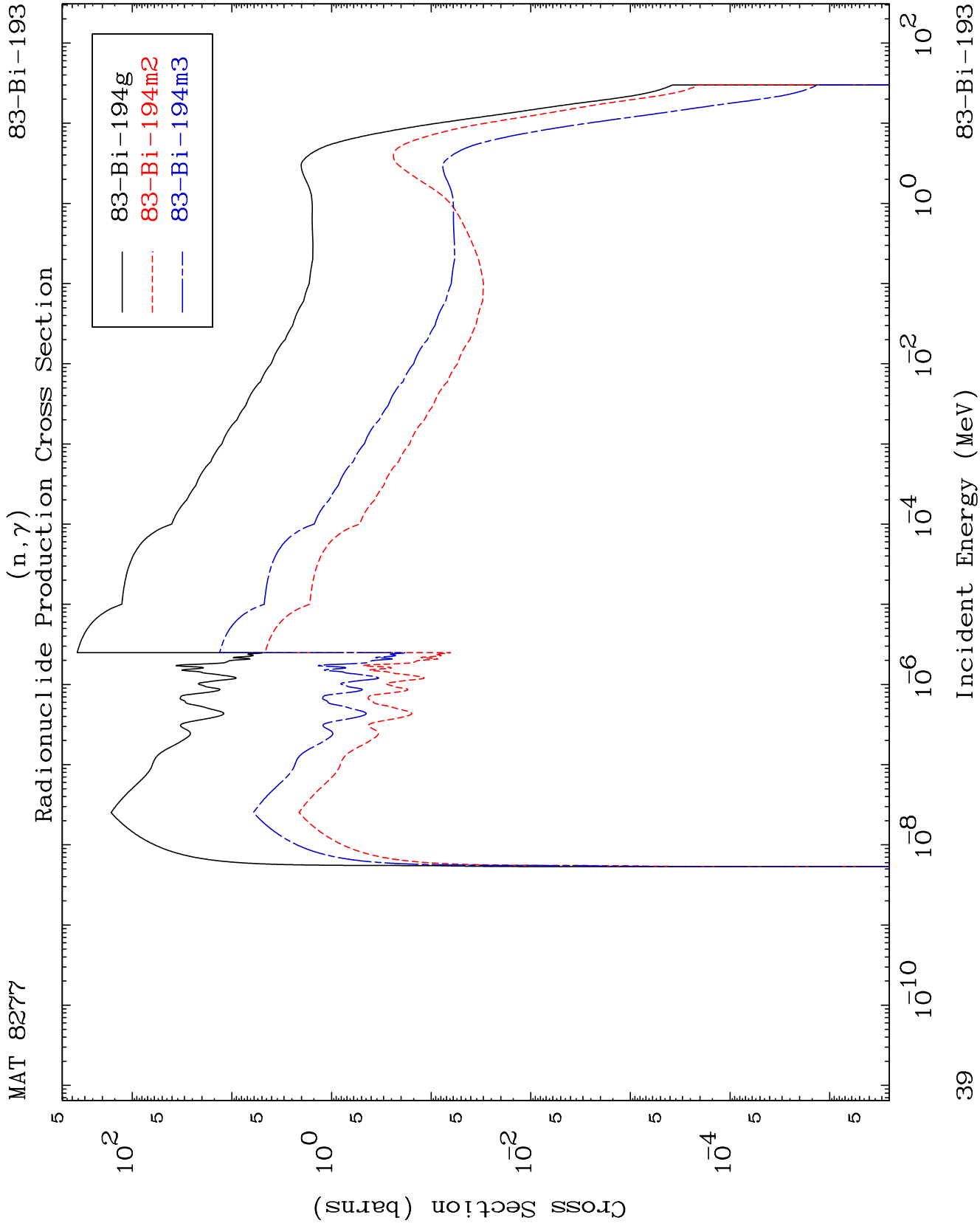
(n,2n) p
Radionuclide Production Cross Section



38

Incident Energy (MeV)

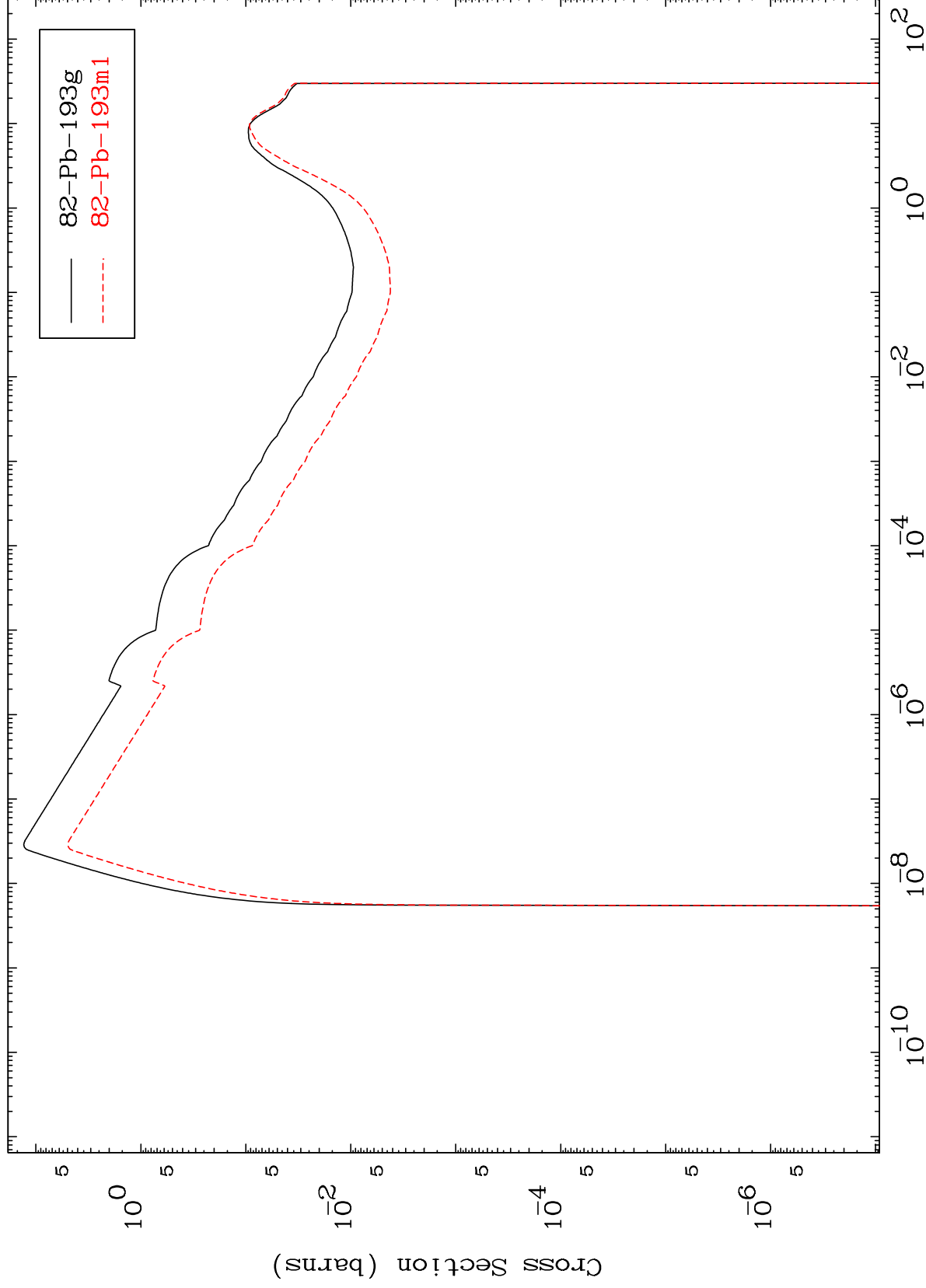
83-Bi-193



MAT 8277

83-Bi-193

(n,p)
Radionuclide Production Cross Section



40

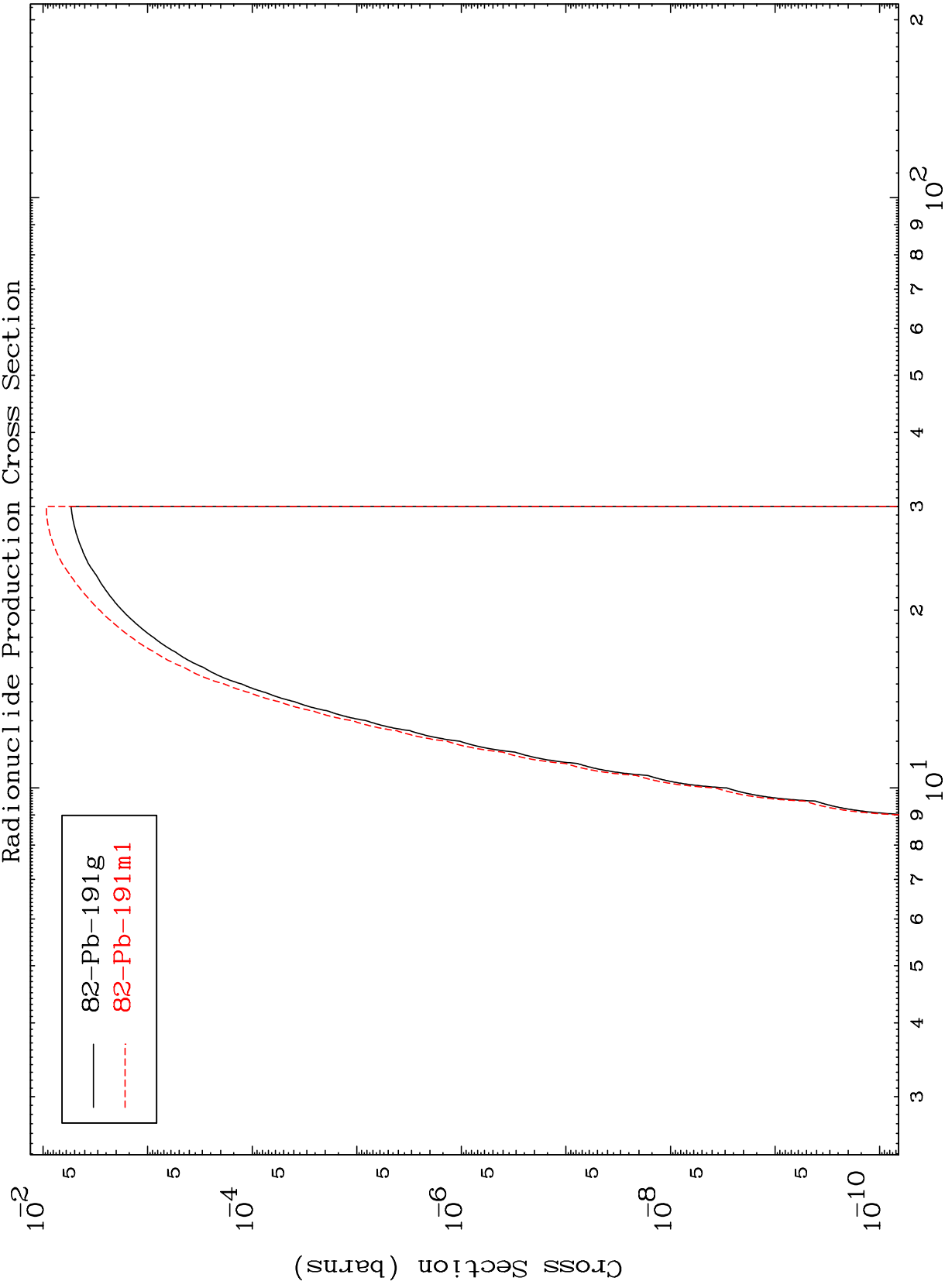
Incident Energy (MeV)

83-Bi-193

MAT 8277

83-Bi-193

(n,t)
Radionuclide Production Cross Section



41

Incident Energy (MeV)

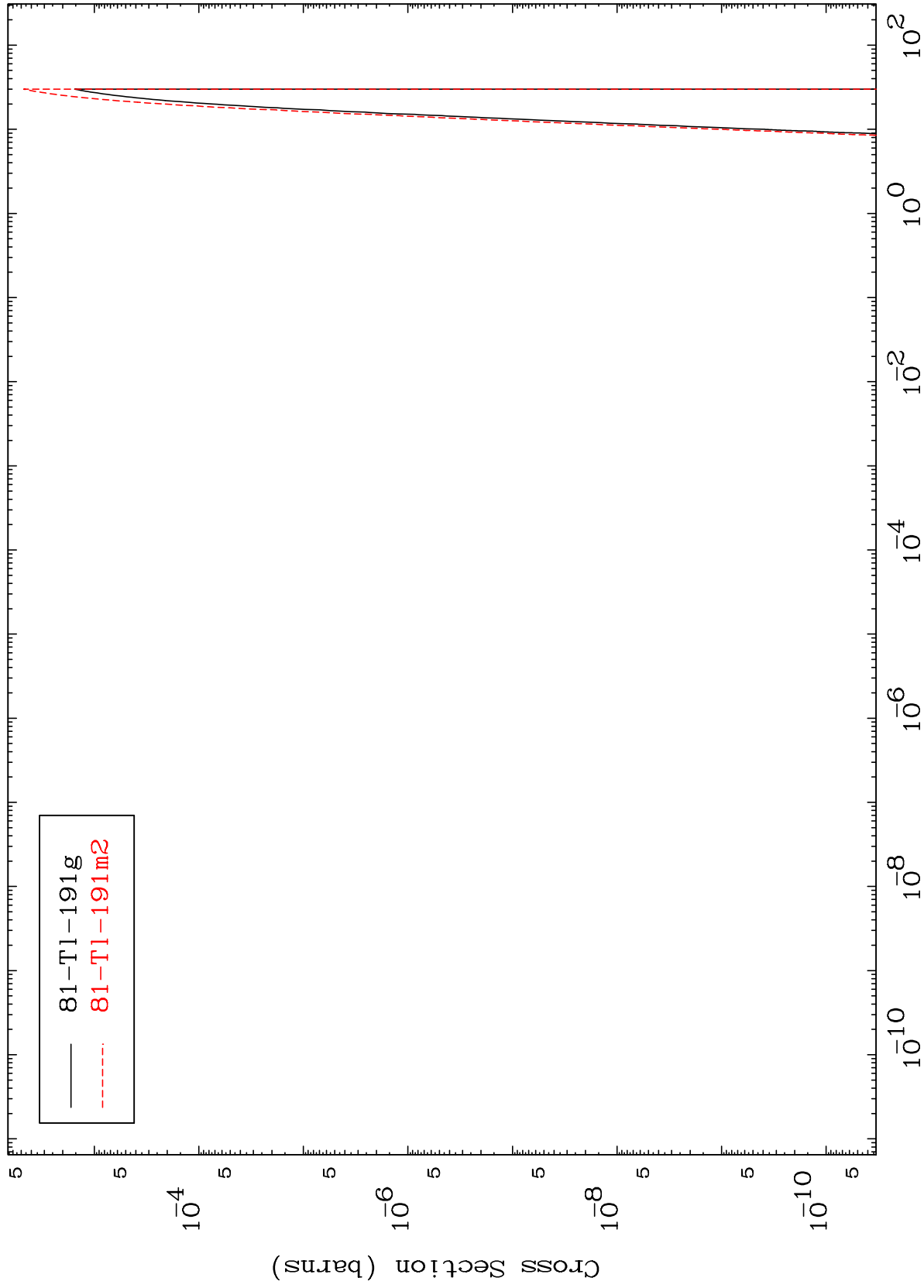
83-Bi-193

MAT 8277

(n,He-3)

83-Bi-193

Radionuclide Production Cross Section



42

Incident Energy (MeV)

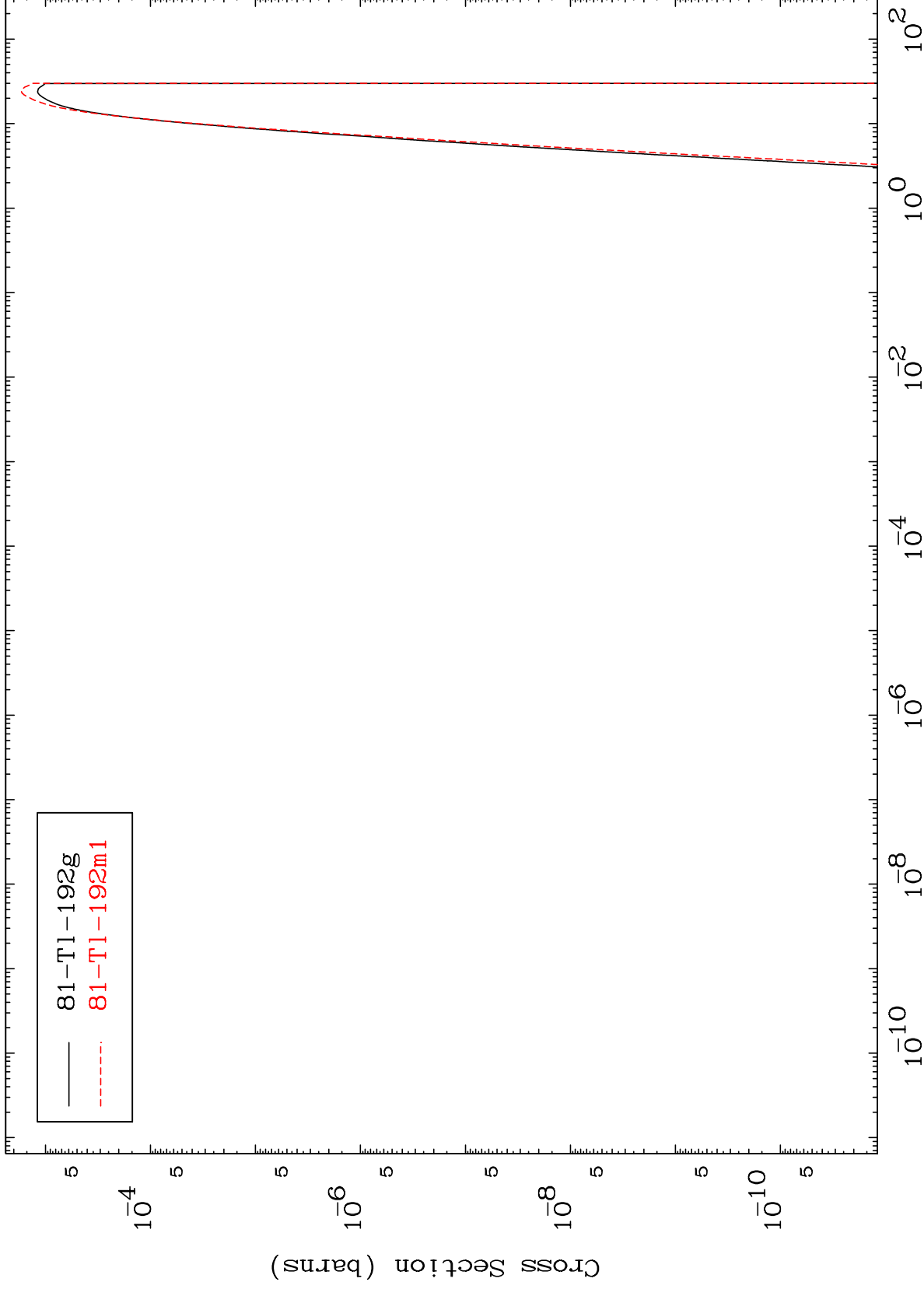
83-Bi-193

MAT 8277

(n,2p)

83-Bi-193

Radionuclide Production Cross Section

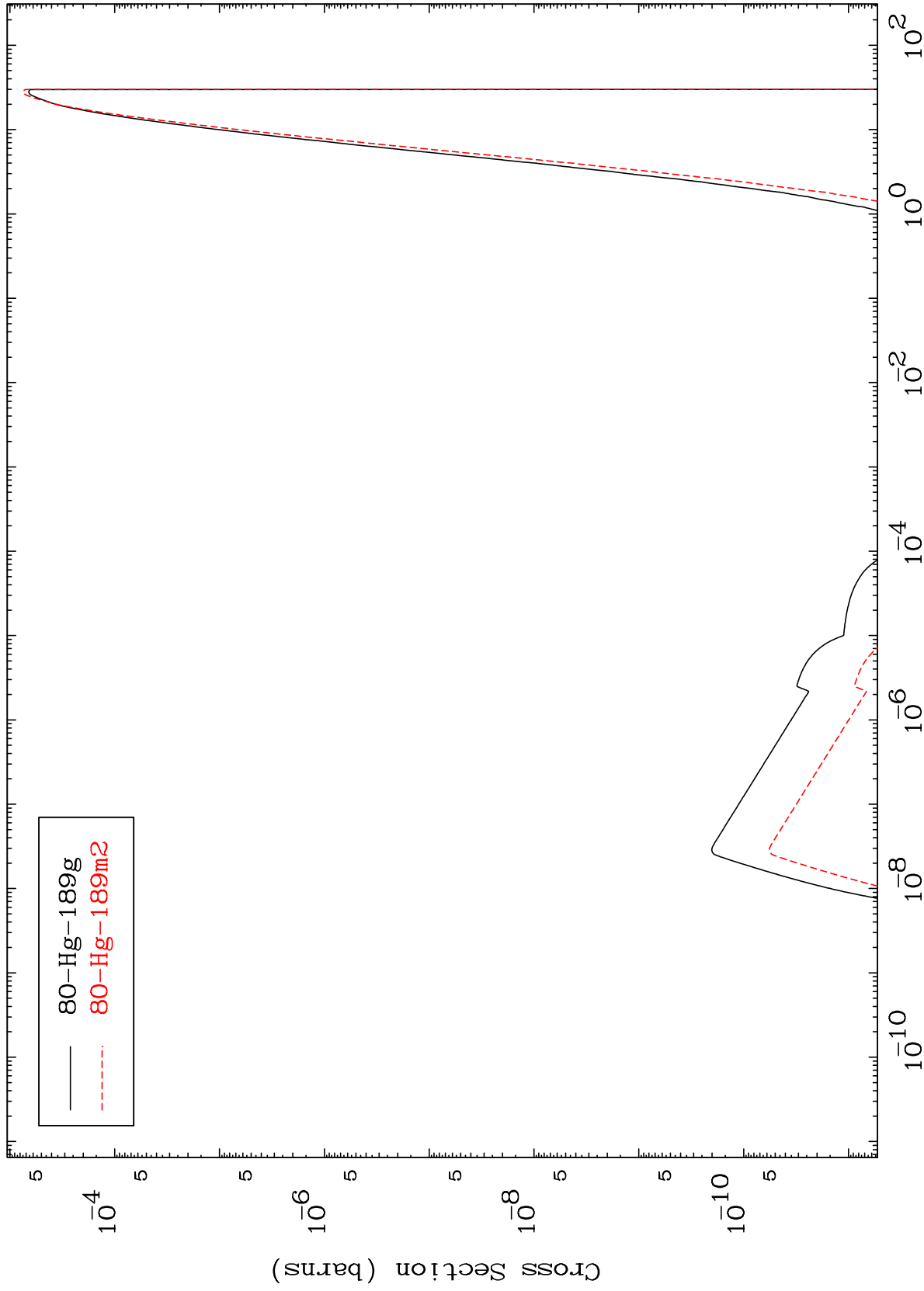


43

Incident Energy (MeV)

83-Bi-193

Radionuclide Production Cross Section

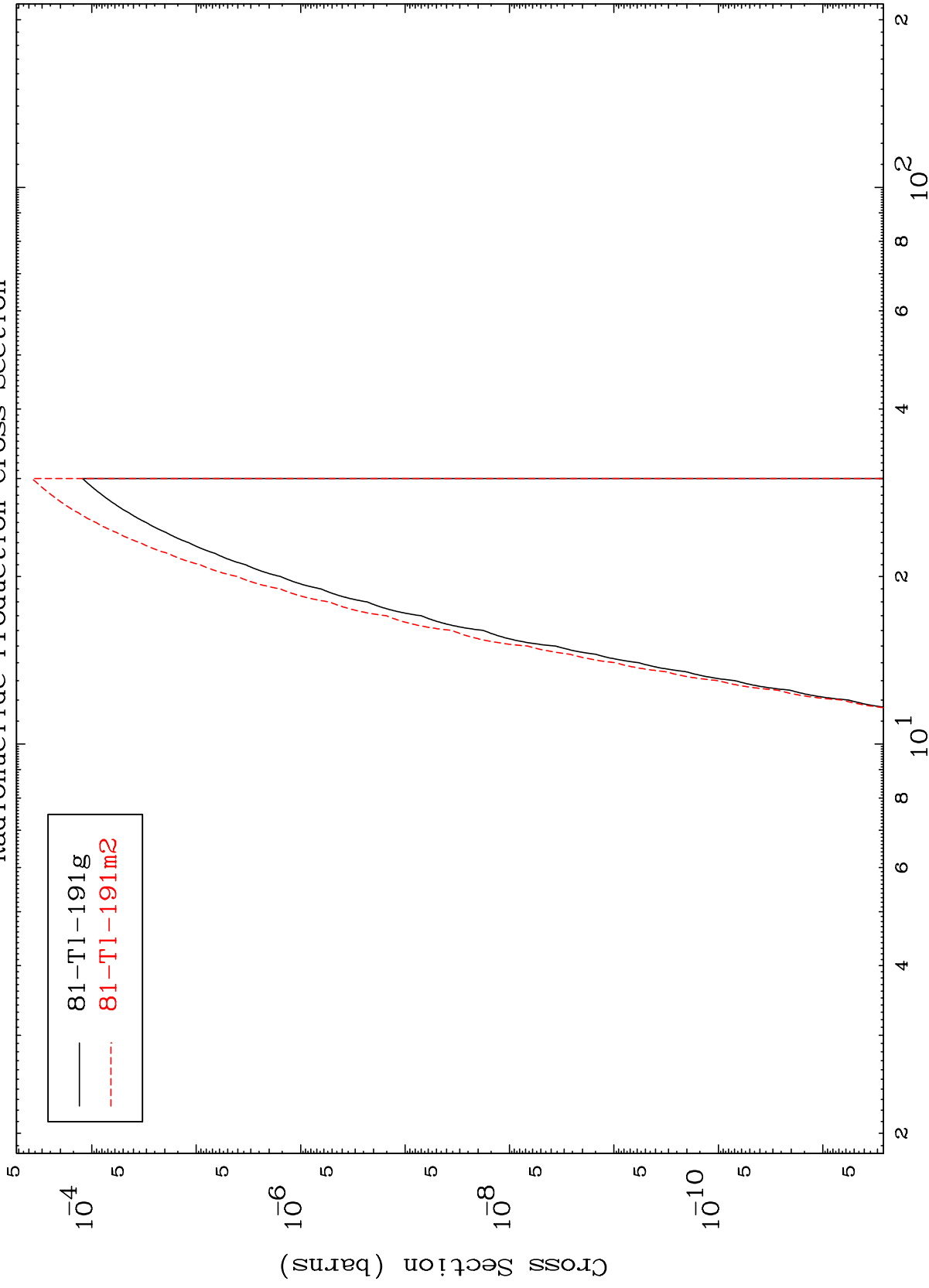


MAT 8277

(n,p) d

83-Bi-193

Radionuclide Production Cross Section



45

Incident Energy (MeV)

83-Bi-193