

Program EVALPLOT
(Version 2018-1)

by

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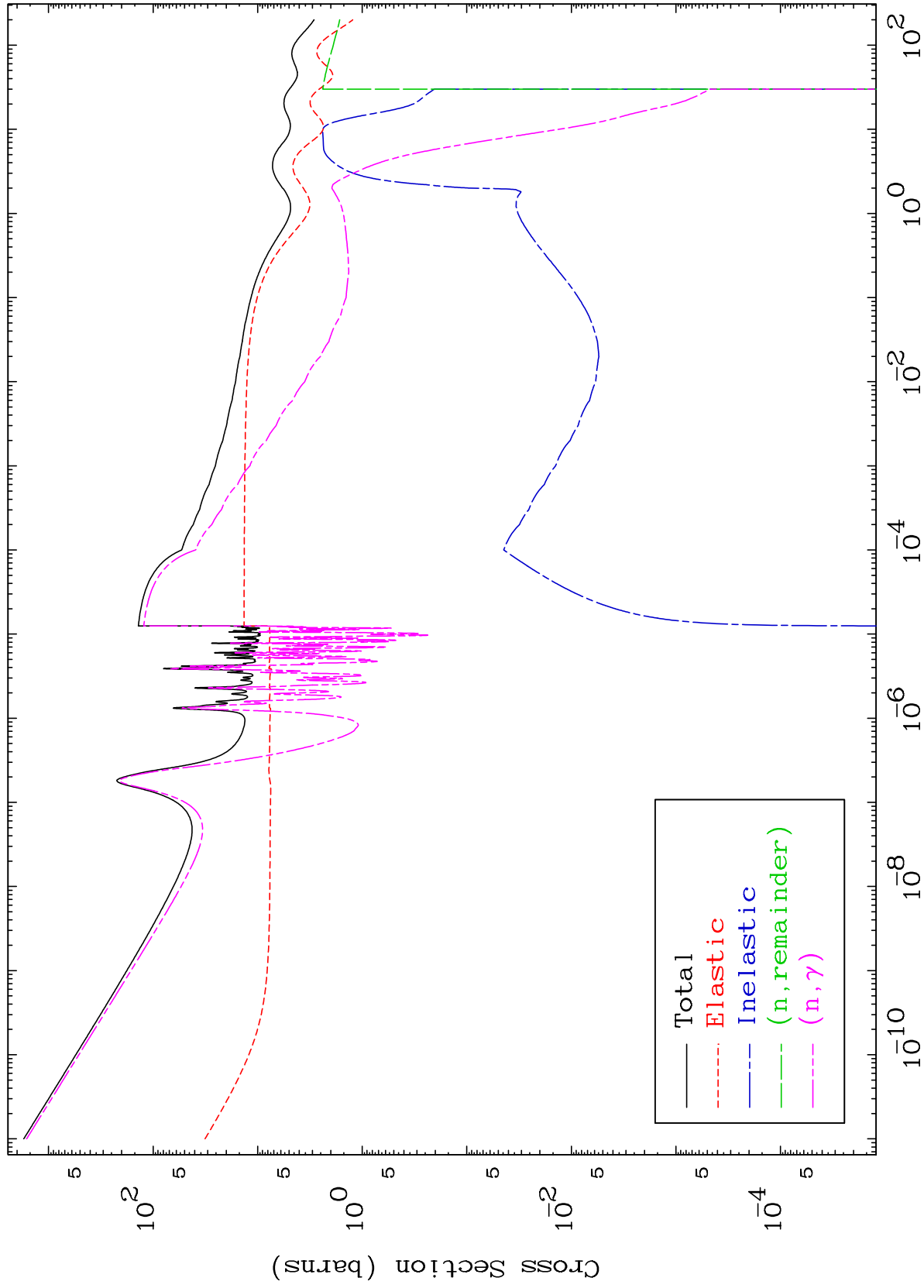
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8284

Major
293 Kelvin Cross Sections

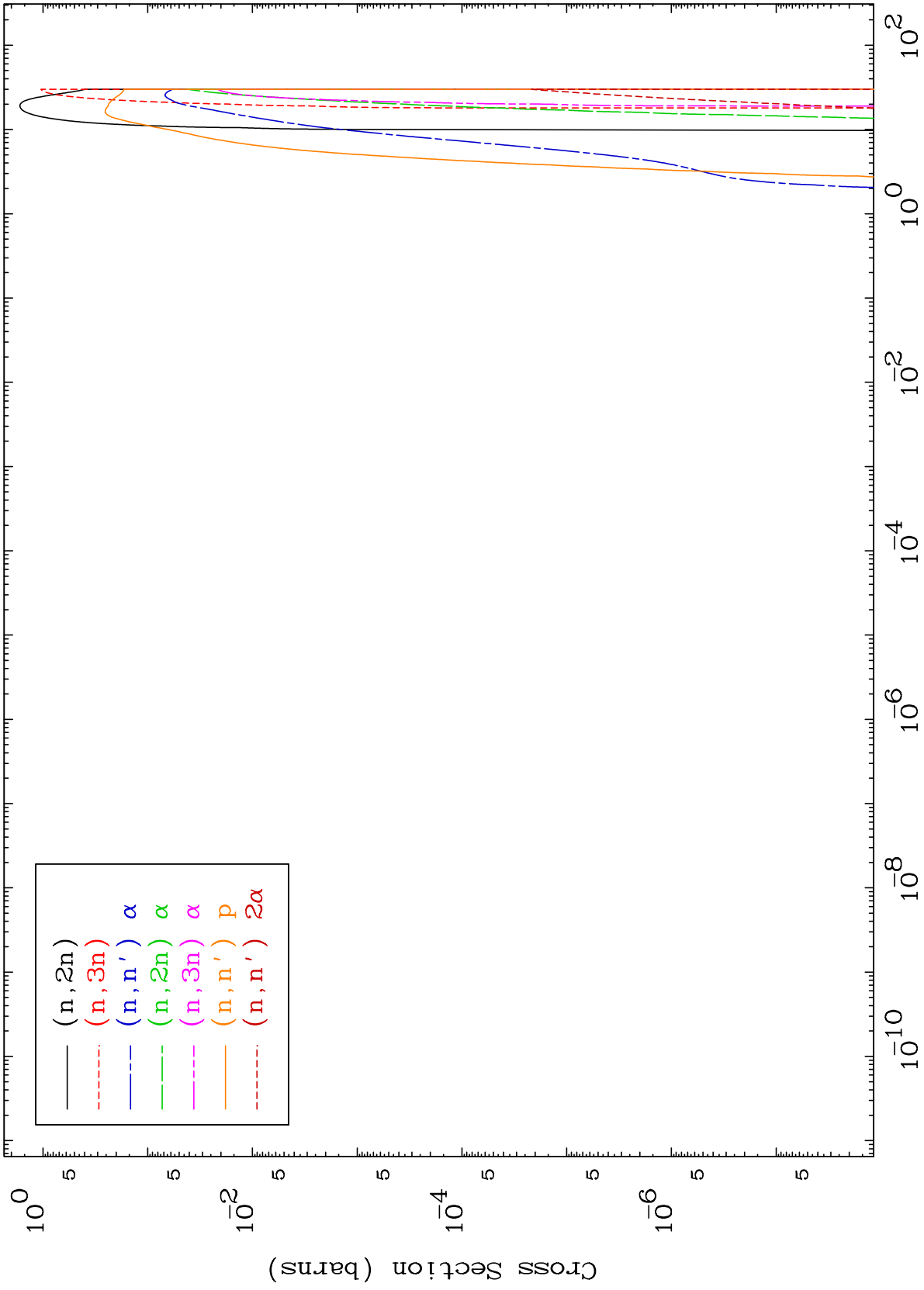
83-Bi-195



MAT 8284

Neutron Production
293 Kelvin Cross Sections

83-Bi-195



2

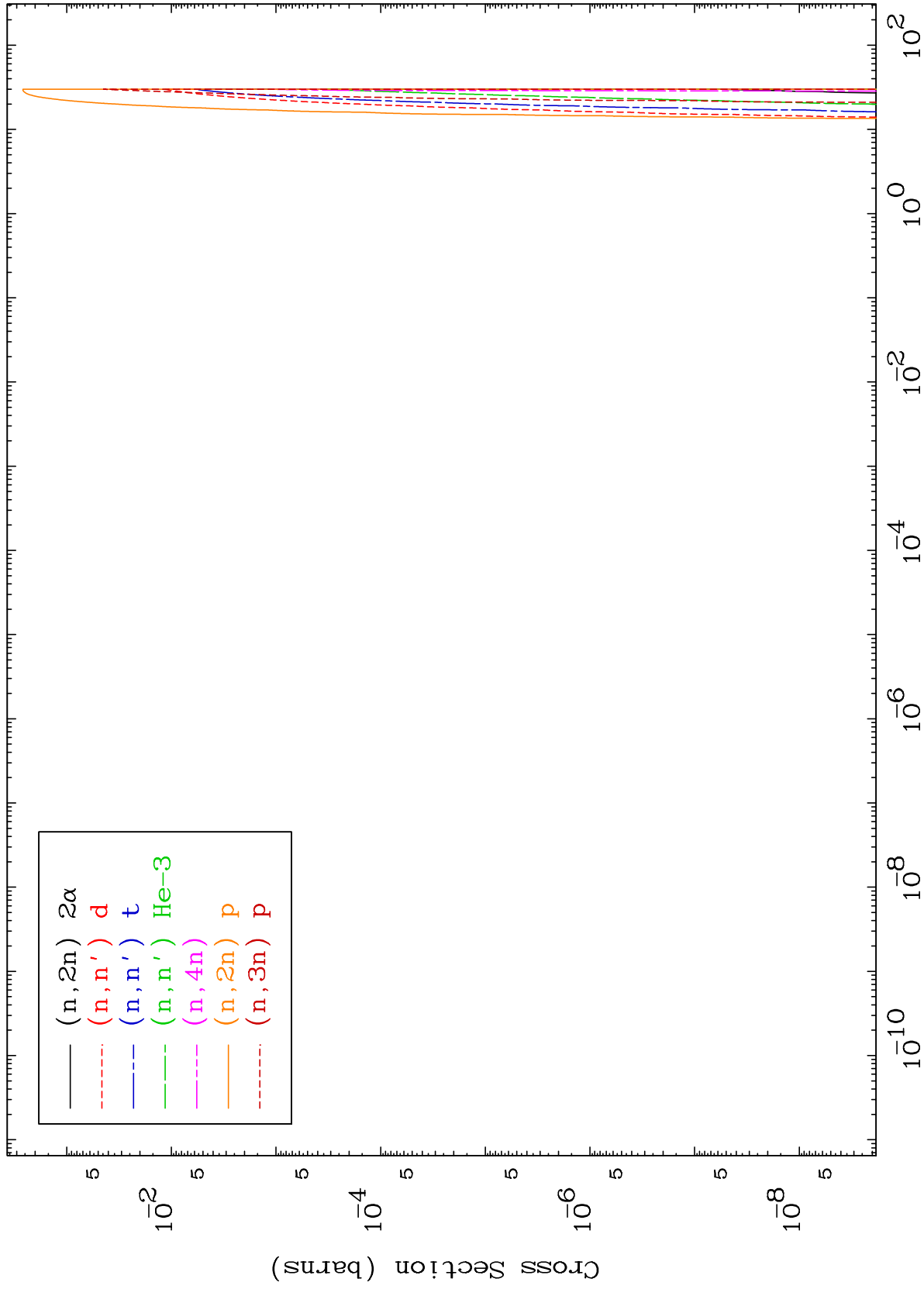
Incident Energy (MeV)

83-Bi-195

MAT 8284

Neutron Production
293 Kelvin Cross Sections

83-Bi-195

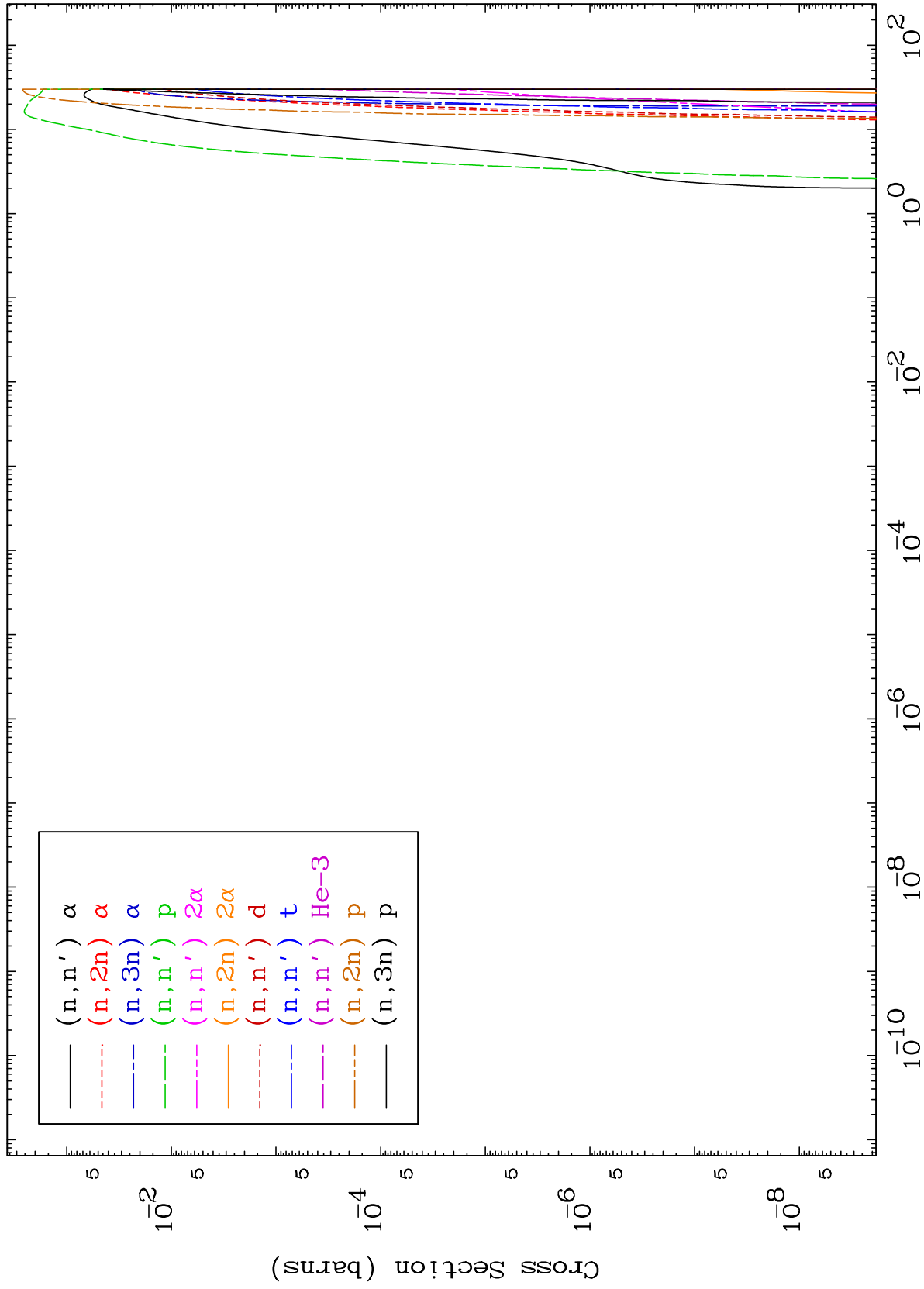


83-Bi-195

MAT 8284

Charged Particle
293 Kelvin Cross Sections

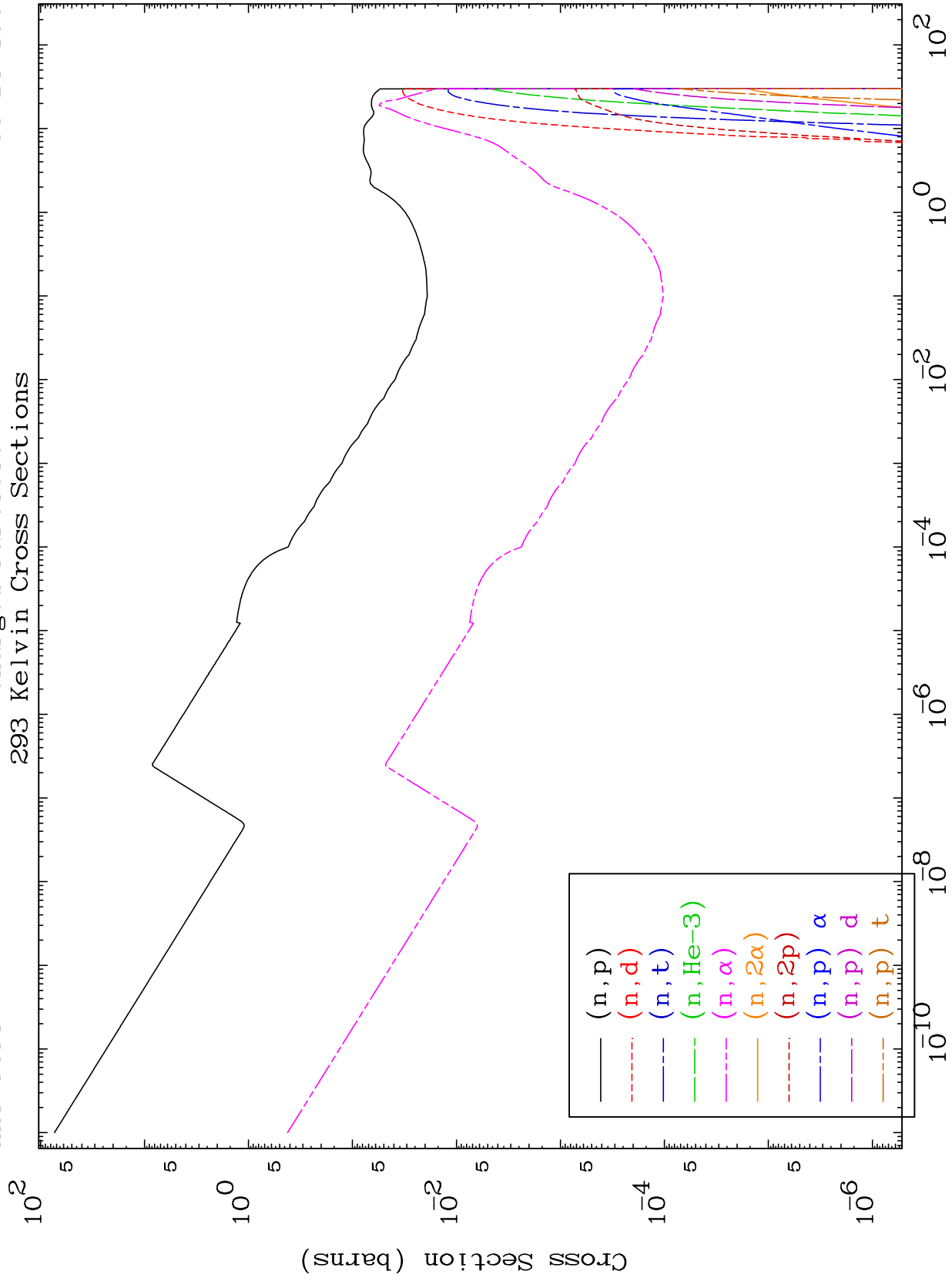
83-Bi-195



MAT 8284

293 Kelvin Cross Sections

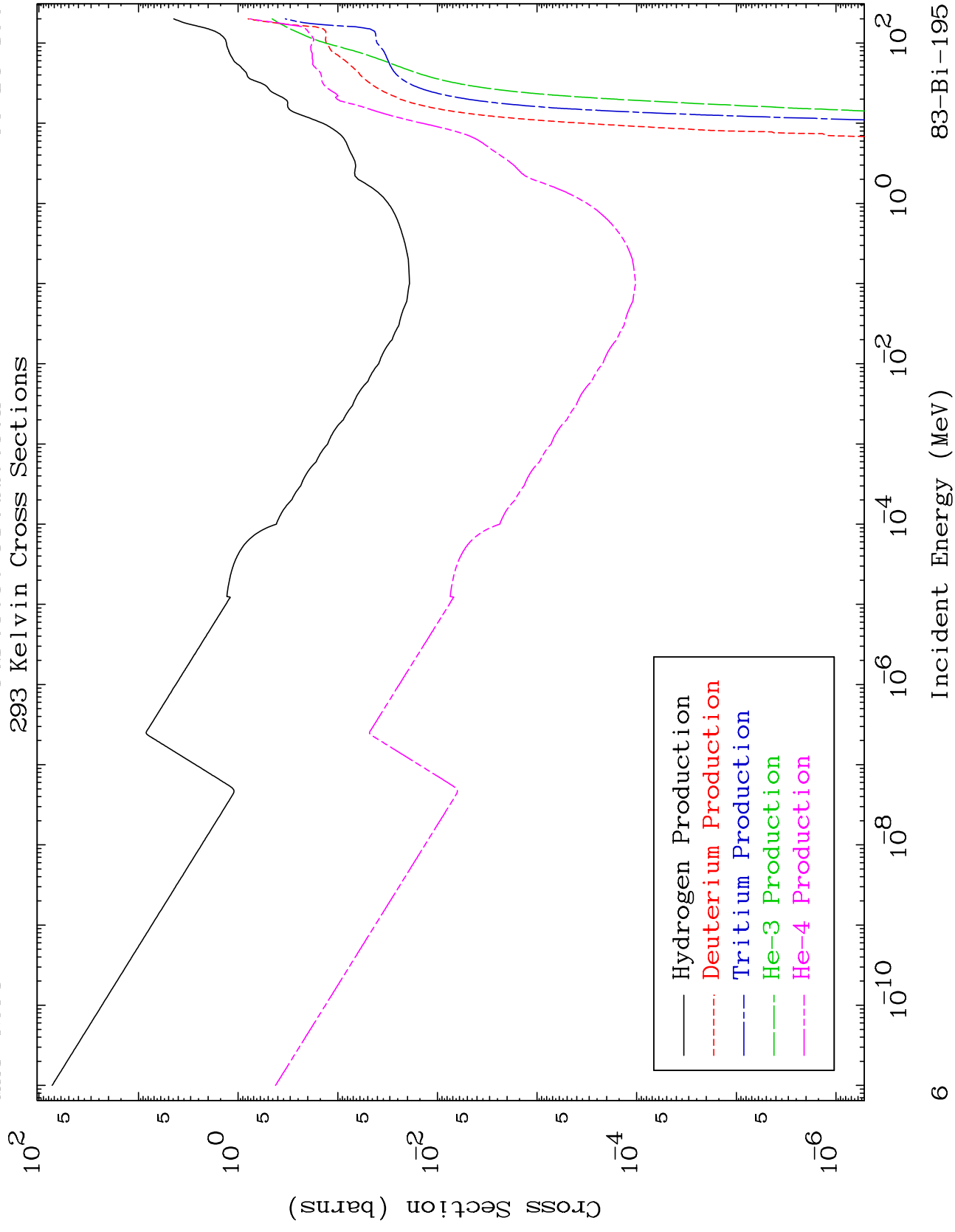
83-Bi-195



MAT 8284

Particle Production
293 Kelvin Cross Sections

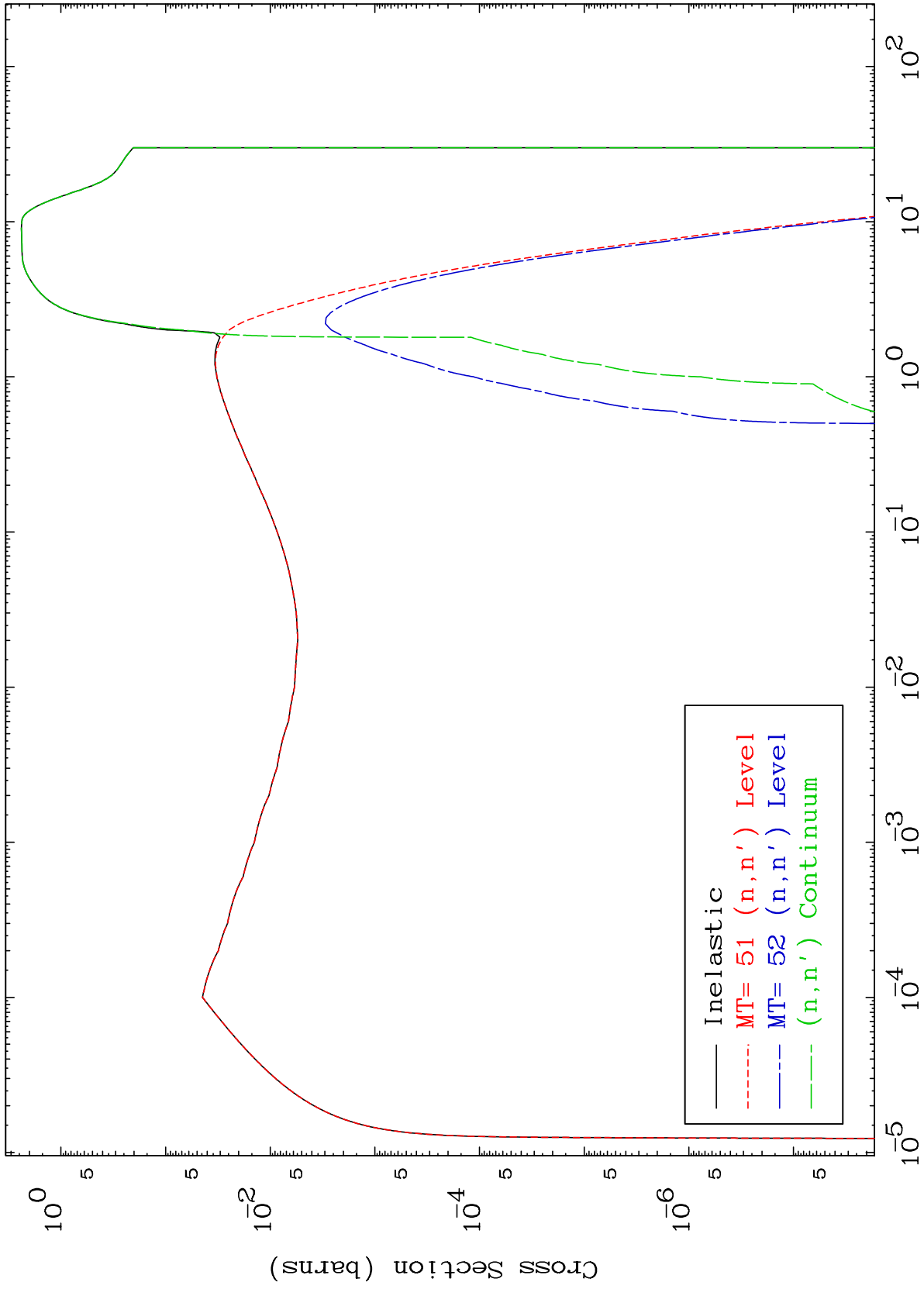
83-Bi-195



MAT 8284

(n,n') Level
293 Kelvin Cross Sections

83-Bi-195



7

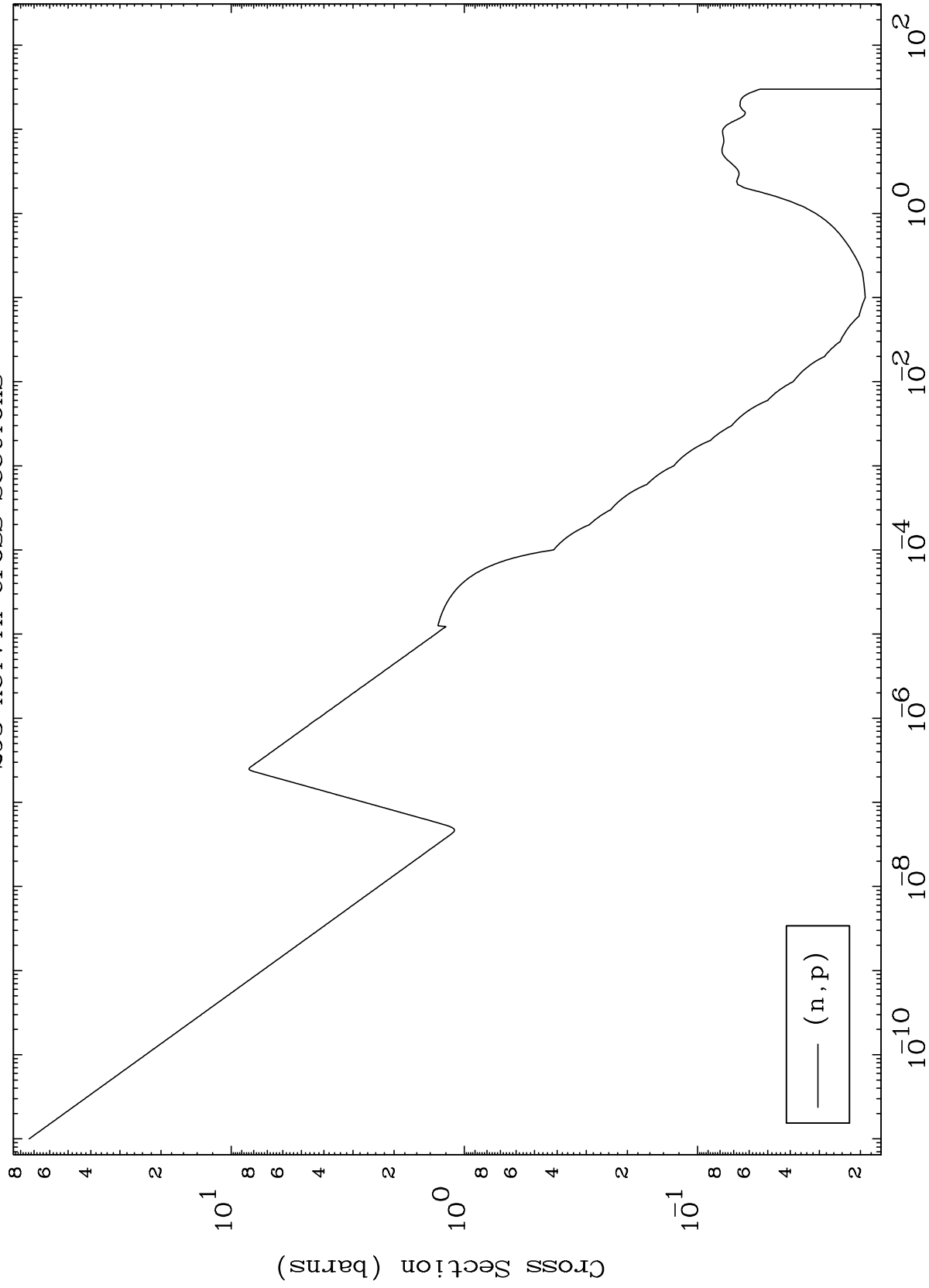
Incident Energy (MeV)

83-Bi-195

MAT 8284

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-195



8

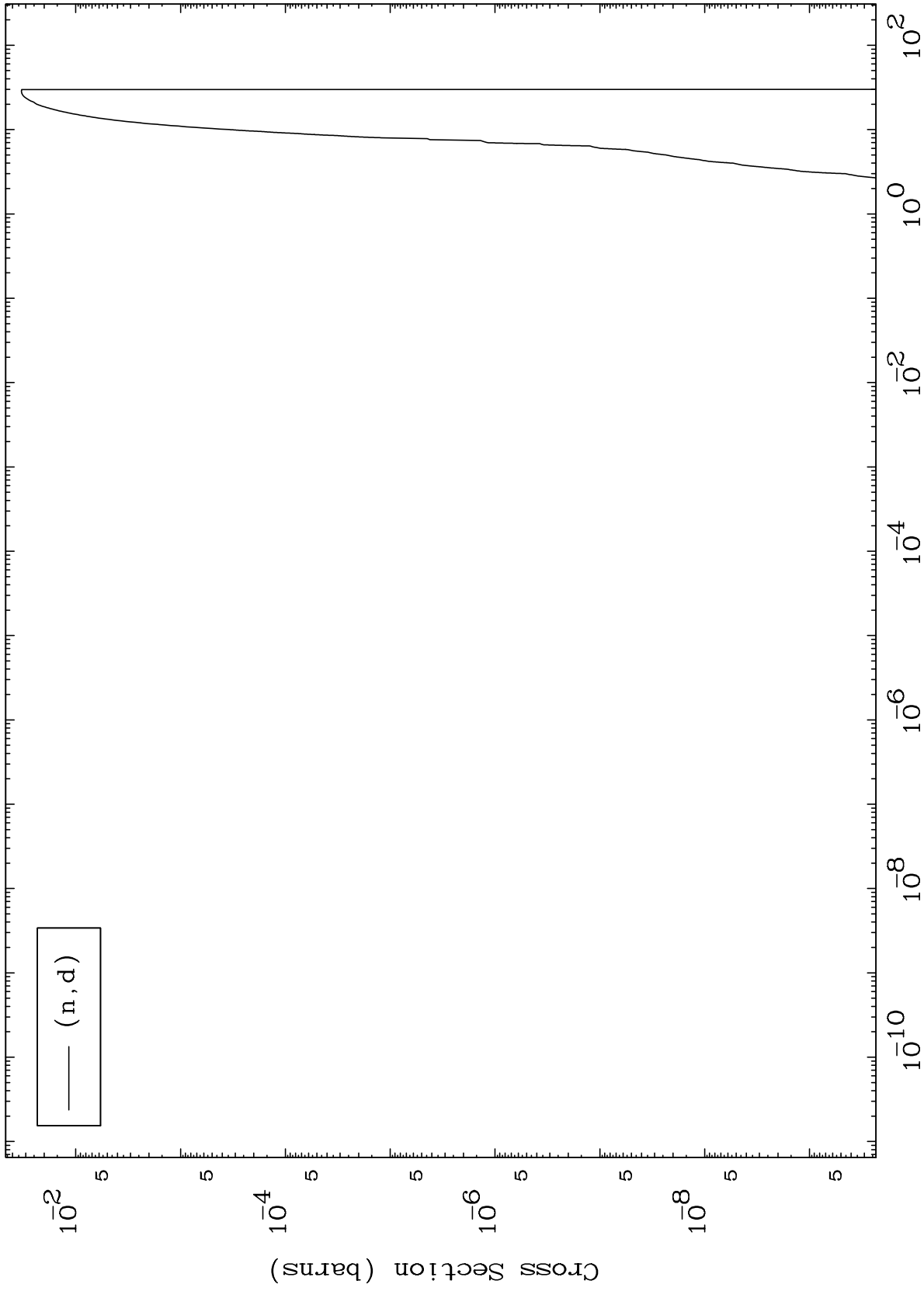
Incident Energy (MeV)

83-Bi-195

MAT 8284

(n,d) Levels
293 Kelvin Cross Sections

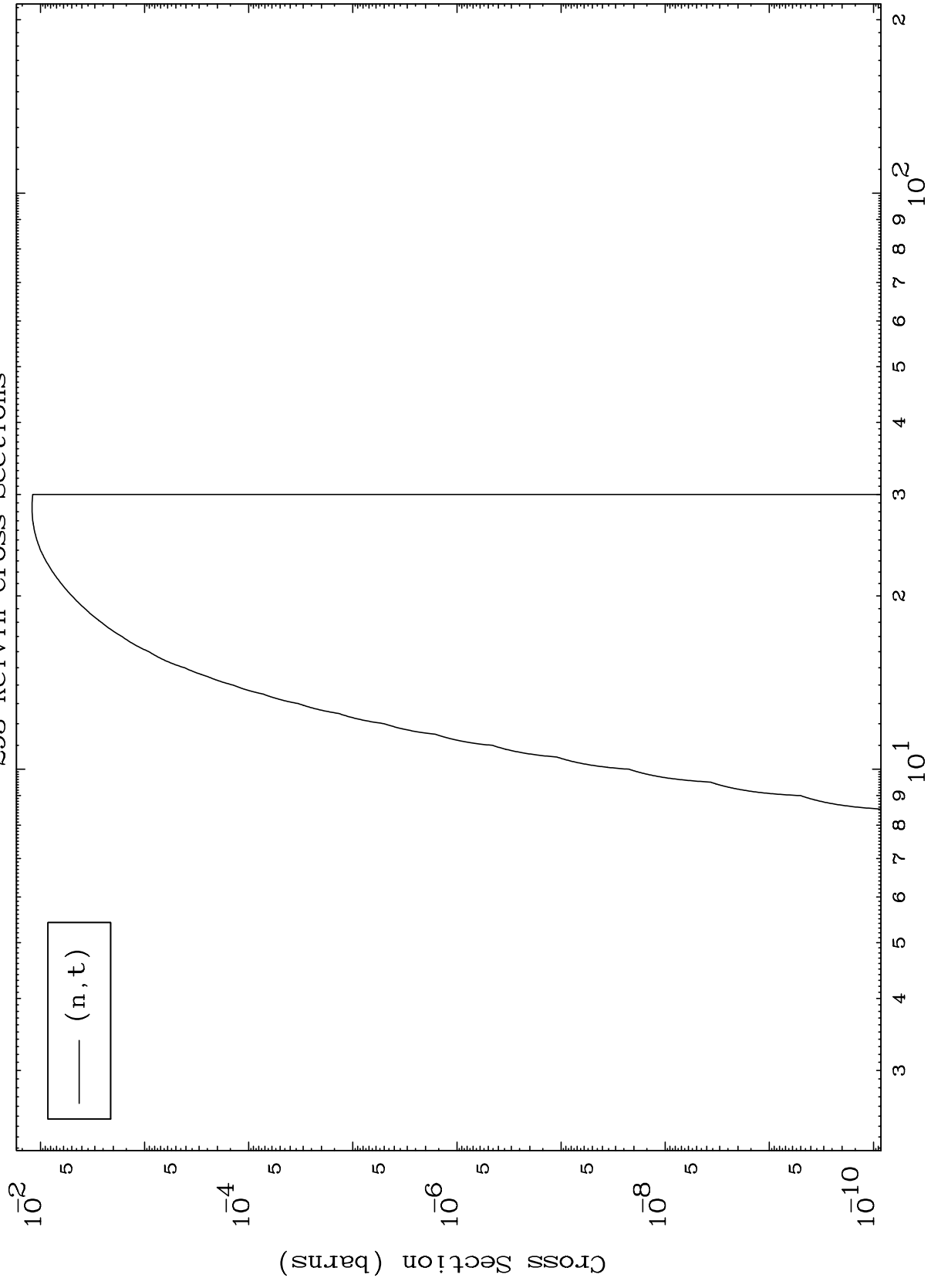
83-Bi-195



MAT 8284

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-195



10

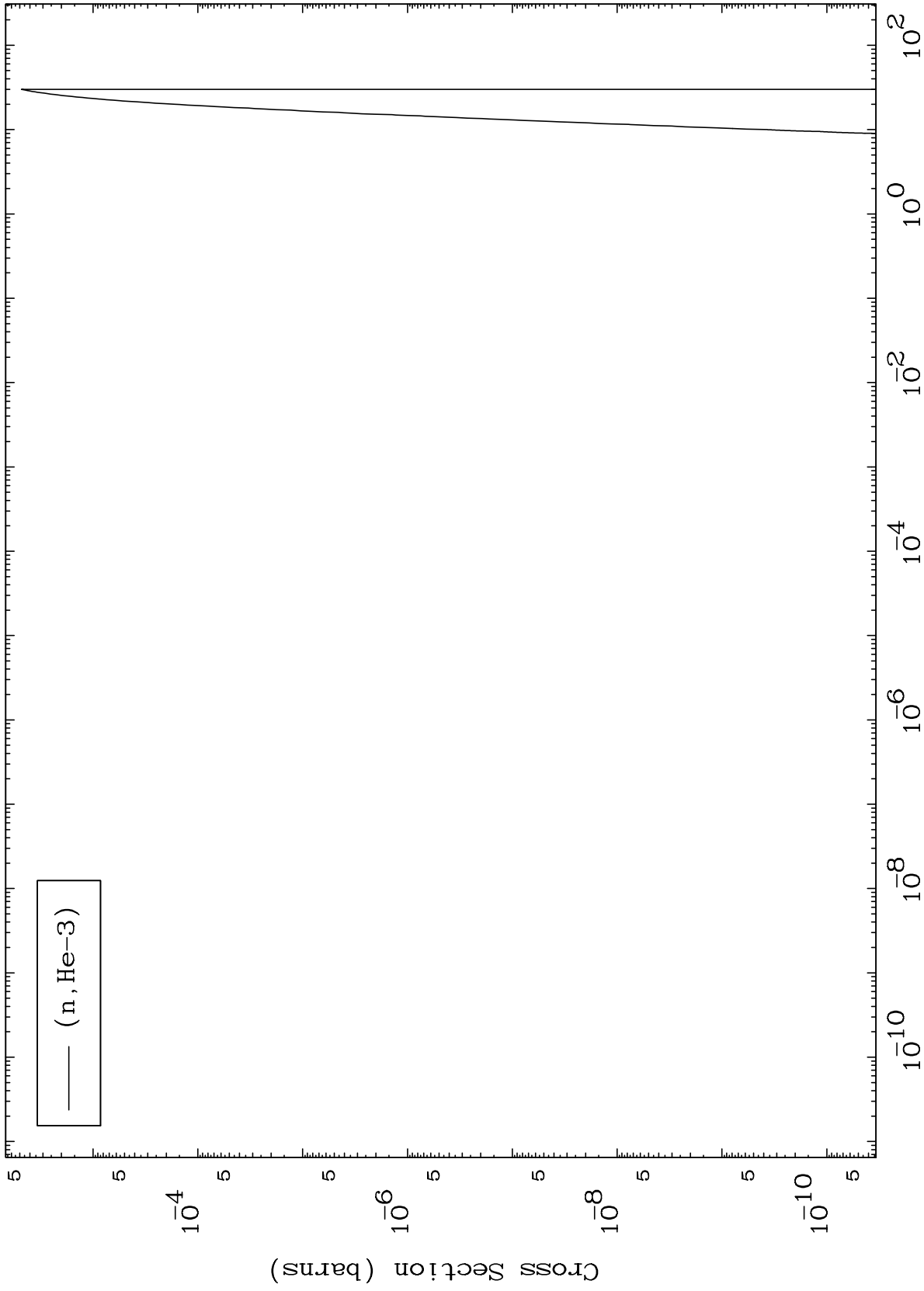
Incident Energy (MeV)

83-Bi-195

MAT 8284

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-195



11

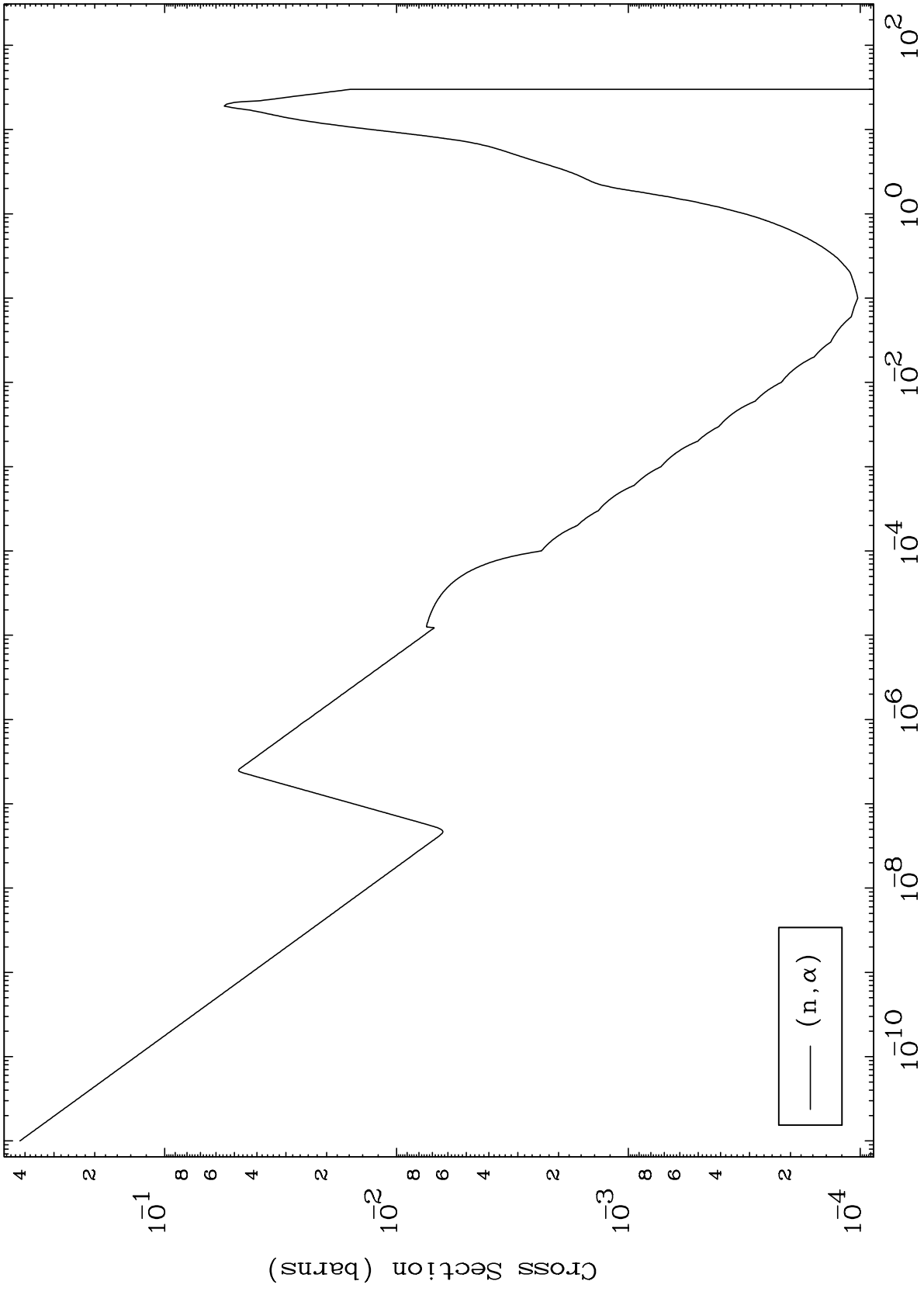
Incident Energy (MeV)

83-Bi-195

MAT 8284

(n,α) Levels
293 Kelvin Cross Sections

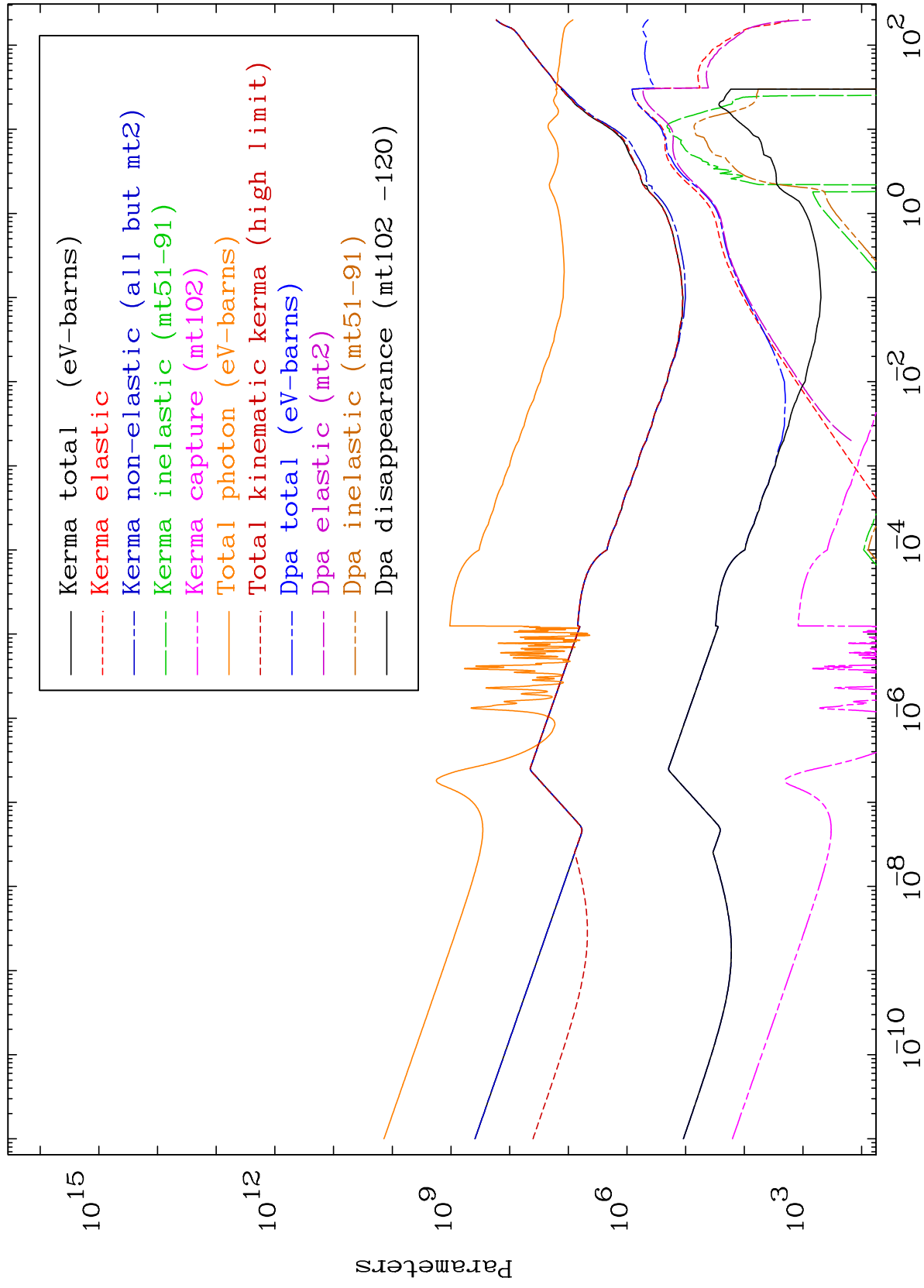
83-Bi-195



12

Incident Energy (MeV)

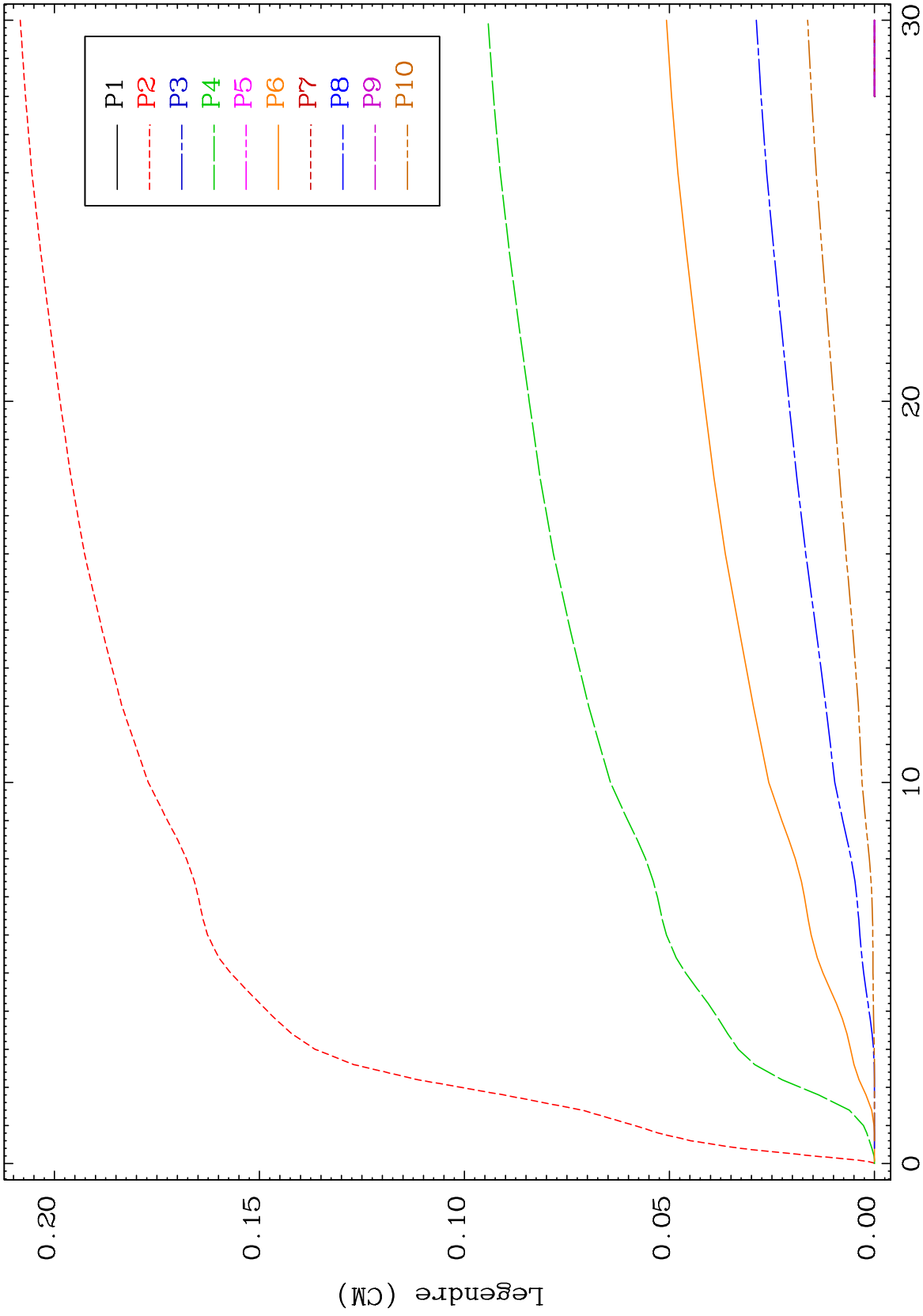
83-Bi-195



MAT 8284

Elastic Legendre Coefficients

83-Bi-195



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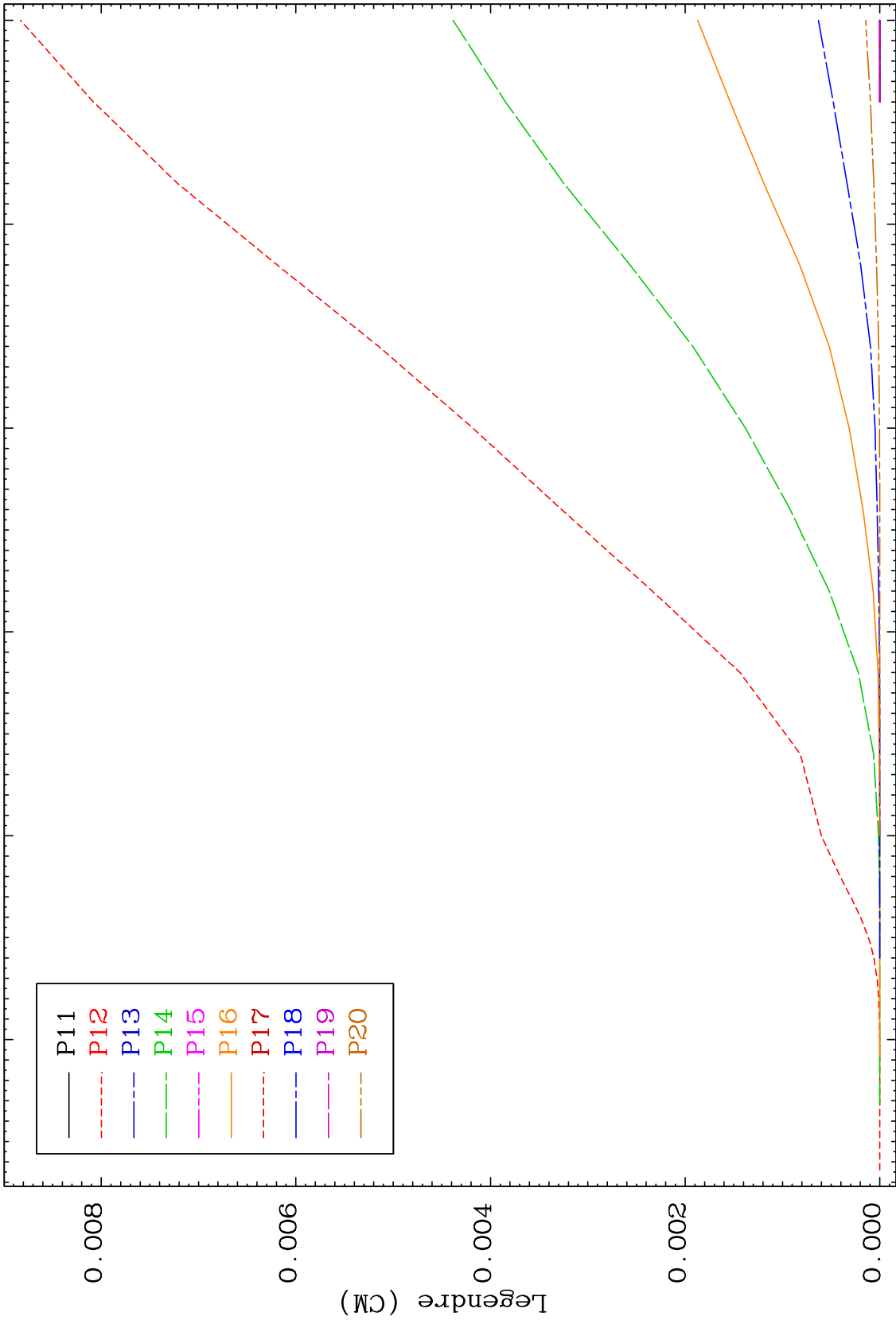
Incident Energy (MeV)

83-Bi-195

MAT 8284

Elastic Legendre Coefficients

83-Bi-195



83-Bi-195

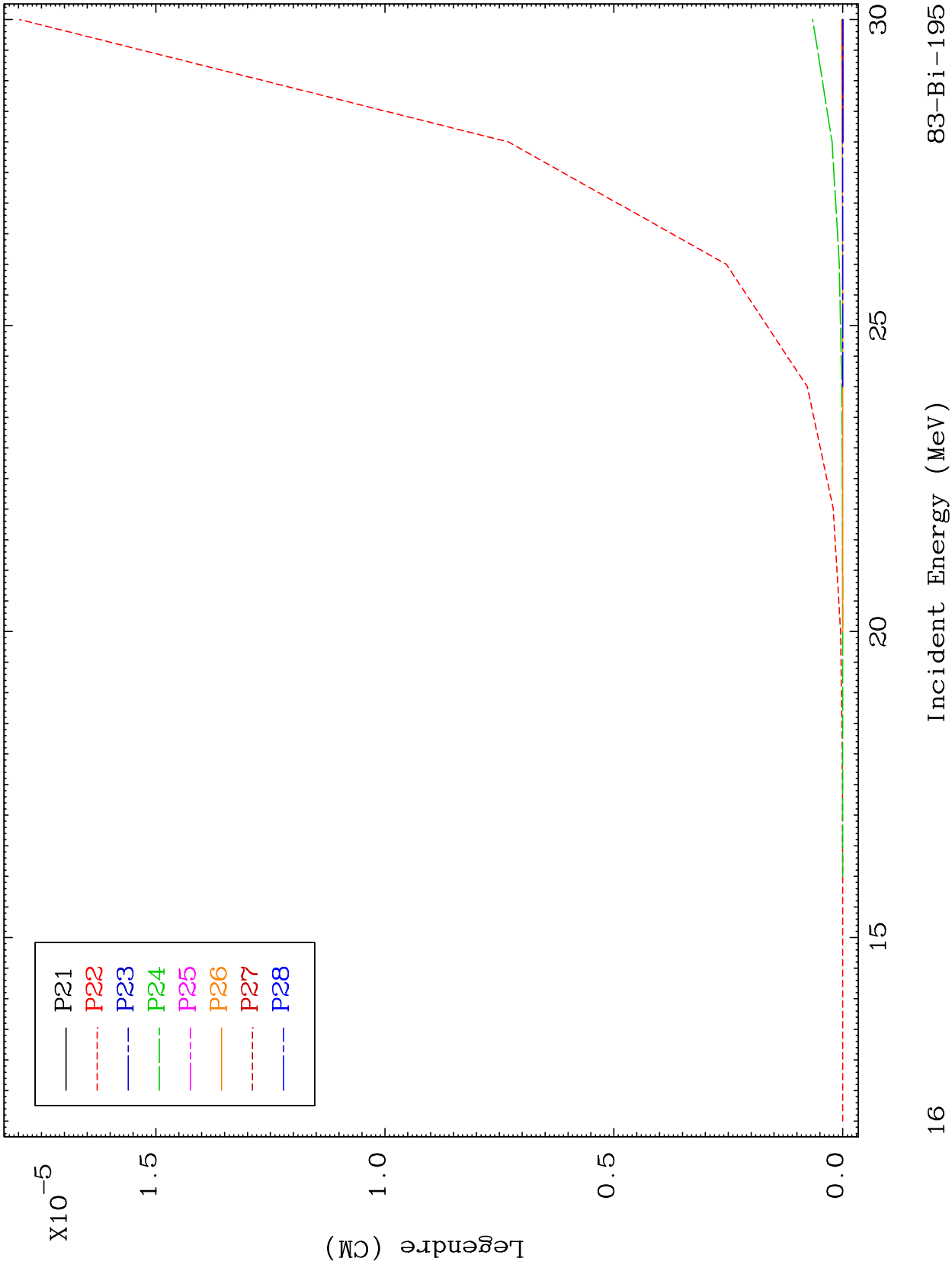
Incident Energy (MeV)

15

MAT 8284

Elastic Legendre Coefficients

83-Bi-195



16

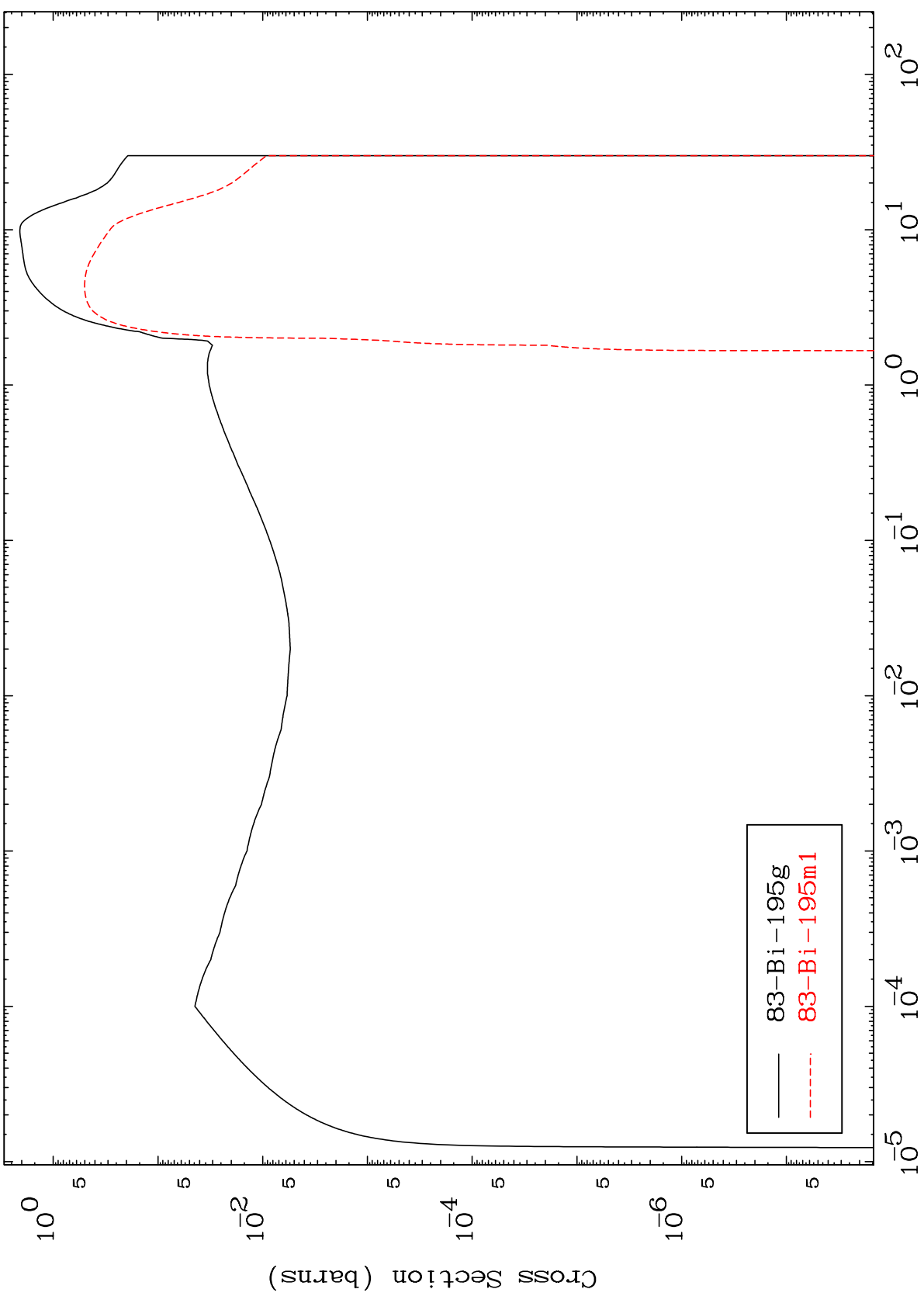
Incident Energy (MeV)

83-Bi-195

MAT 8284

Inelastic
Radionuclide Production Cross Section

83-Bi-195



17

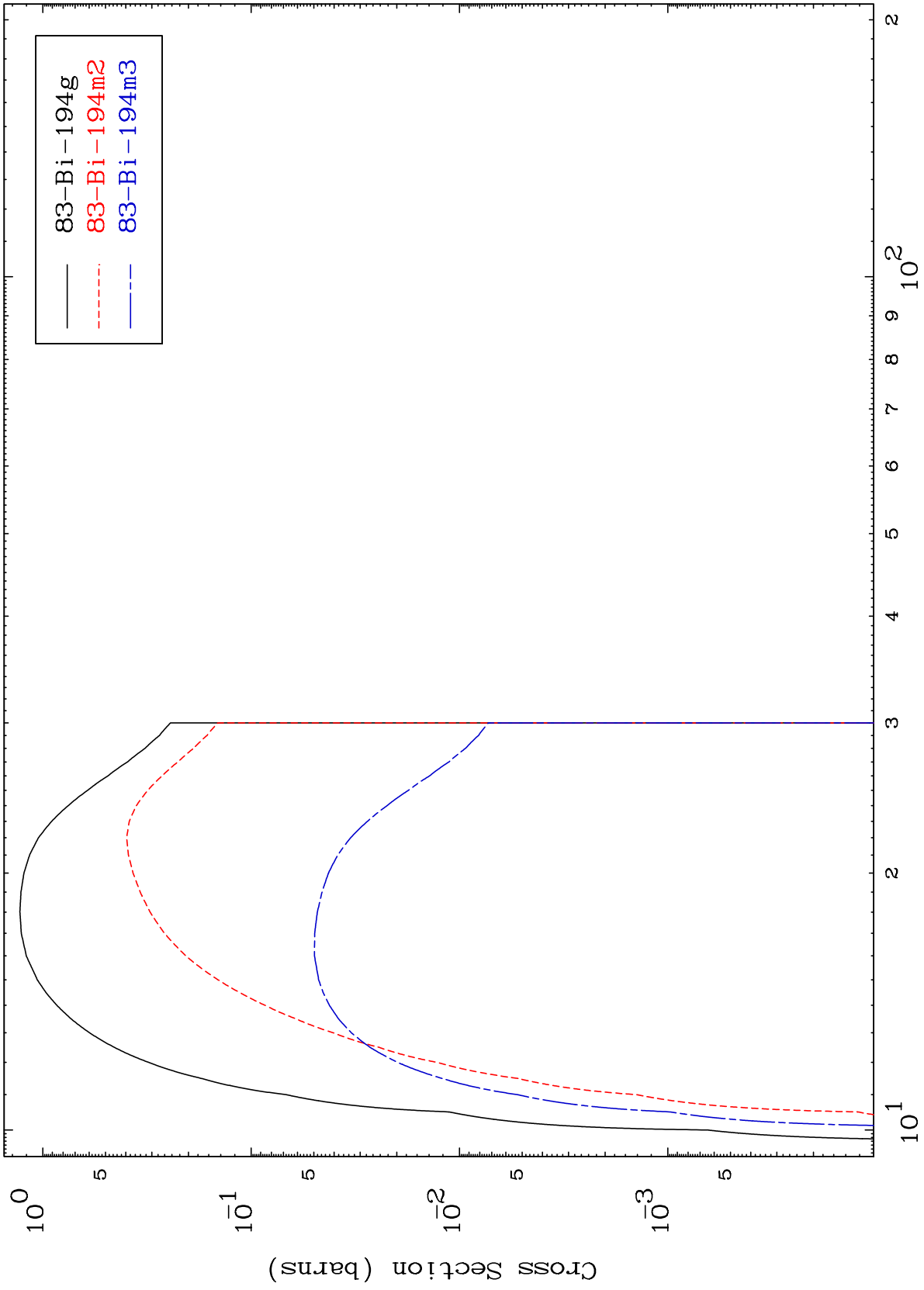
Incident Energy (MeV)

83-Bi-195

MAT 8284

83-Bi-195

(n,2n)
Radionuclide Production Cross Section



83-Bi-195

Incident Energy (MeV)

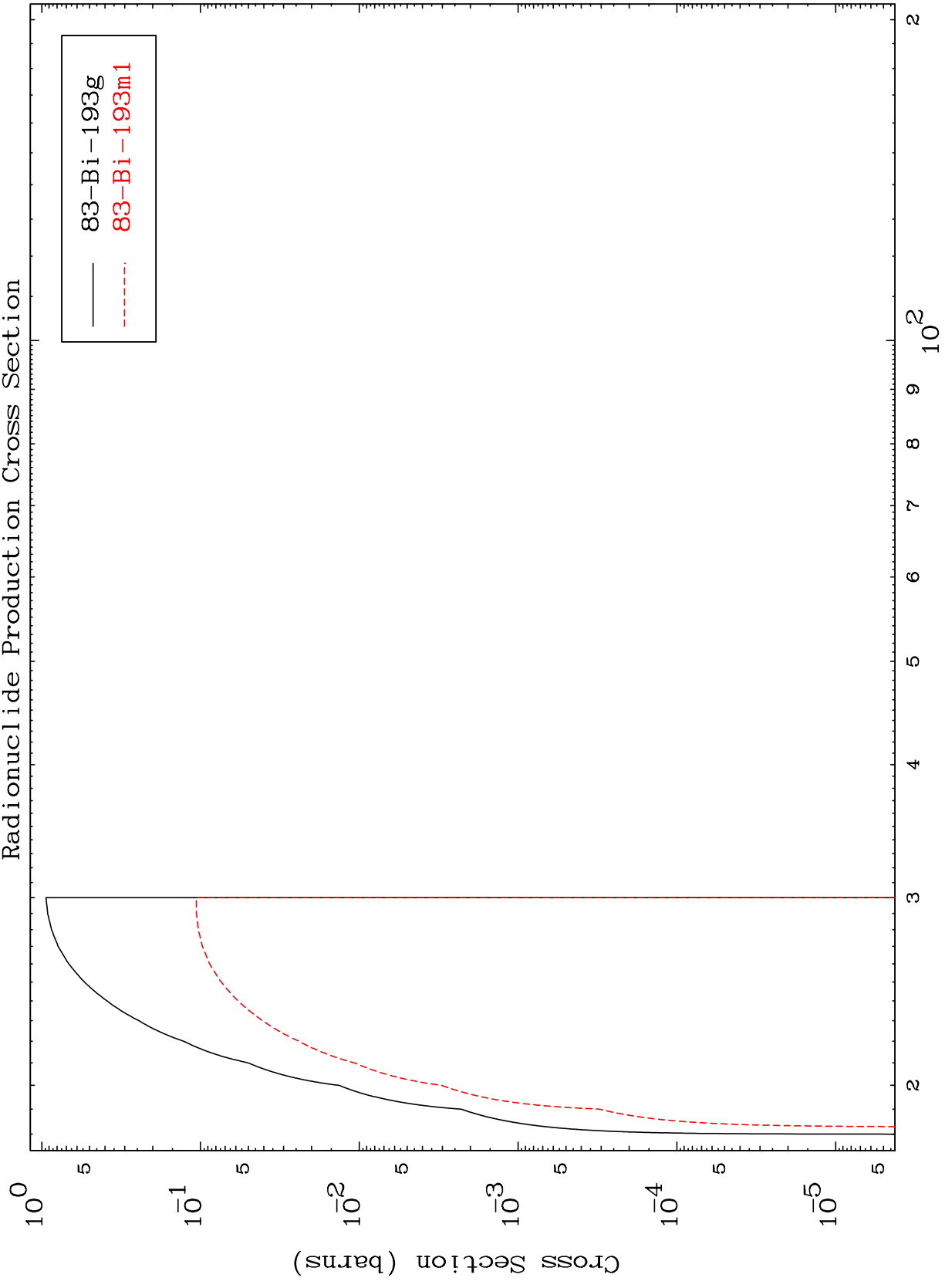
18

MAT 8284

(n,3n)

83-Bi-195

Radionuclide Production Cross Section



83-Bi-193g
83-Bi-193m1

19

Incident Energy (MeV)

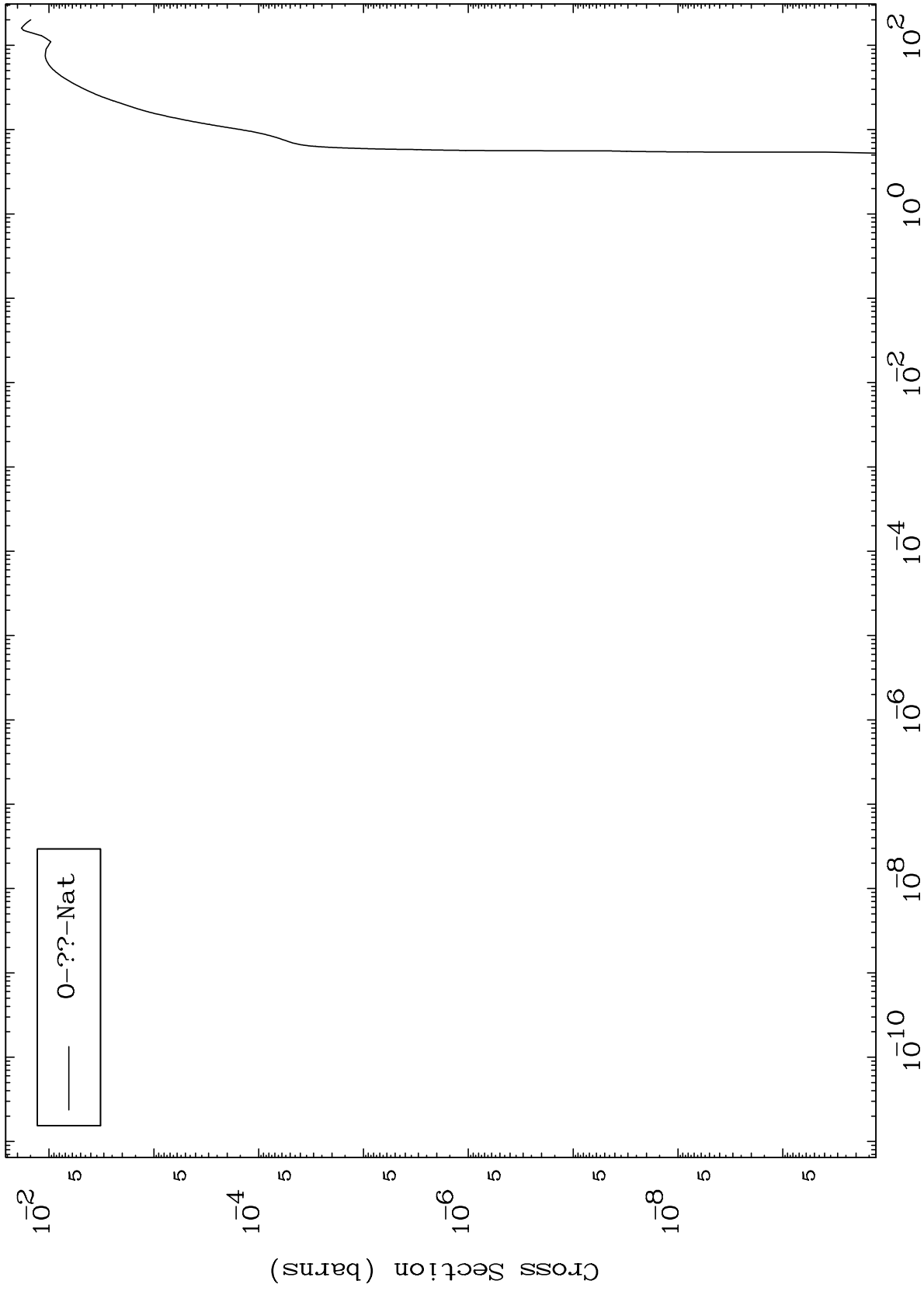
83-Bi-195

MAT 8284

Fission

83-Bi-195

Radionuclide Production Cross Section



20

Incident Energy (MeV)

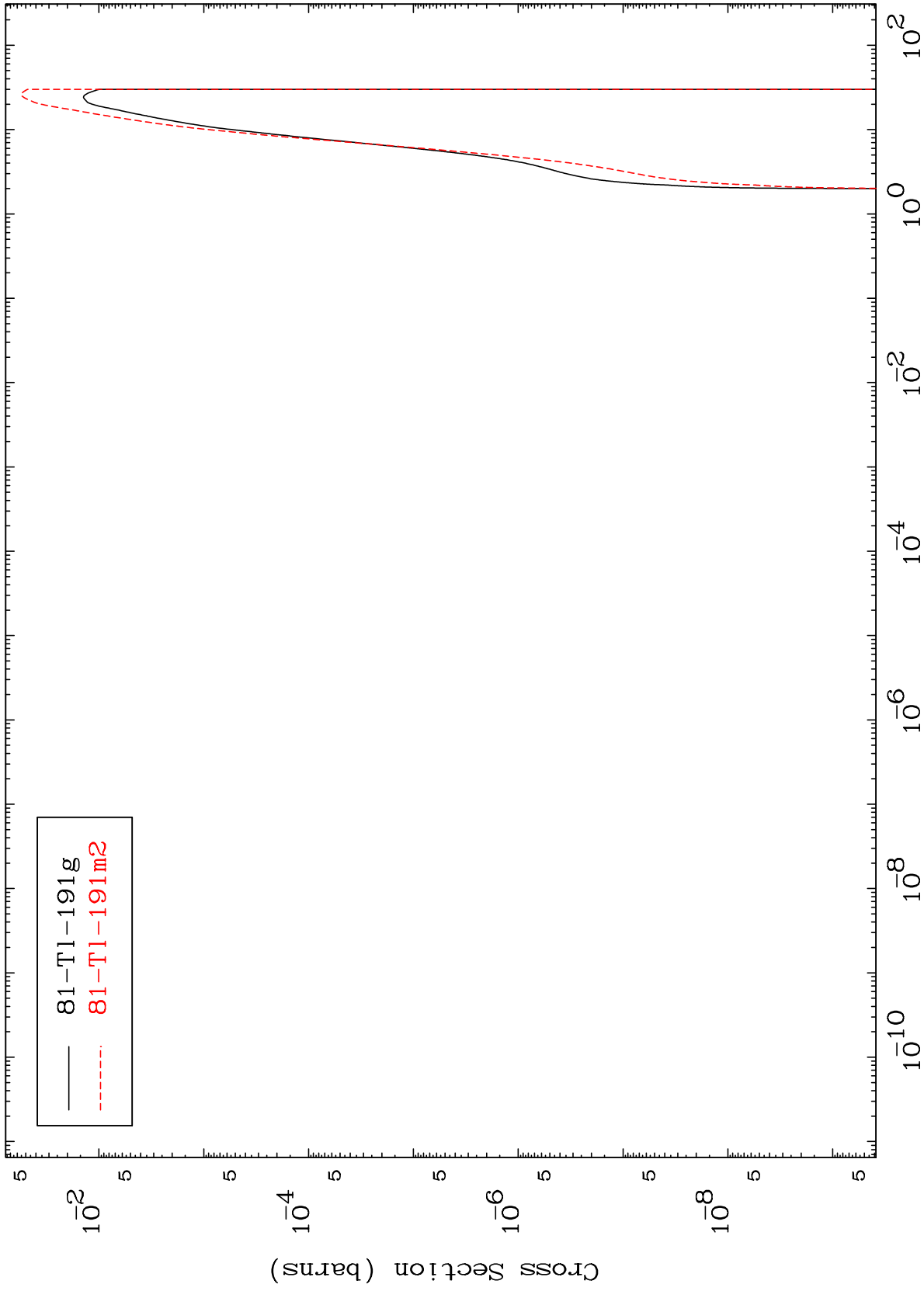
83-Bi-195

MAT 8284

(n,n') α

83-Bi-195

Radionuclide Production Cross Section



21

Incident Energy (MeV)

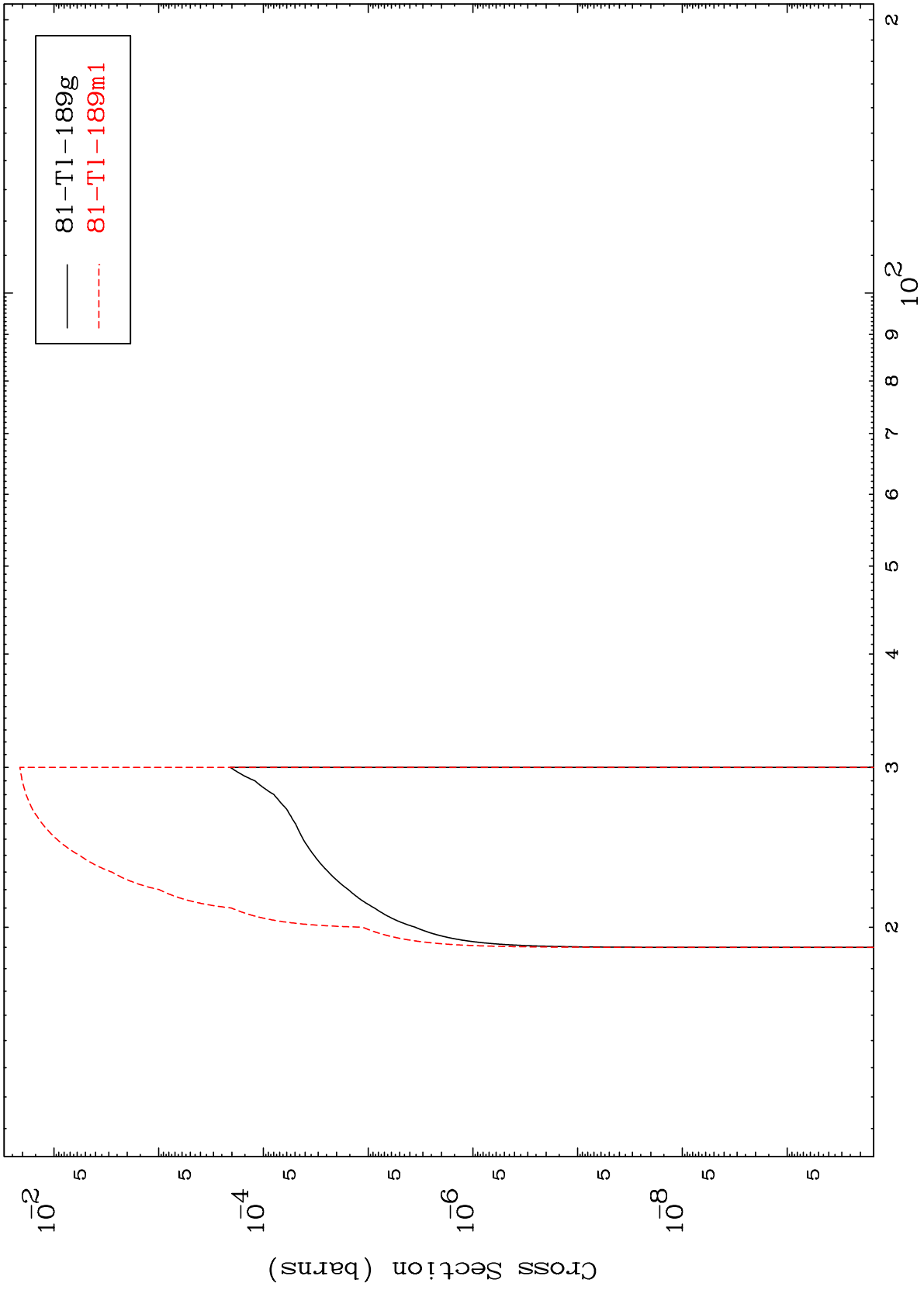
83-Bi-195

MAT 8284

(n,3n) α

83-Bi-195

Radionuclide Production Cross Section



22

Incident Energy (MeV)

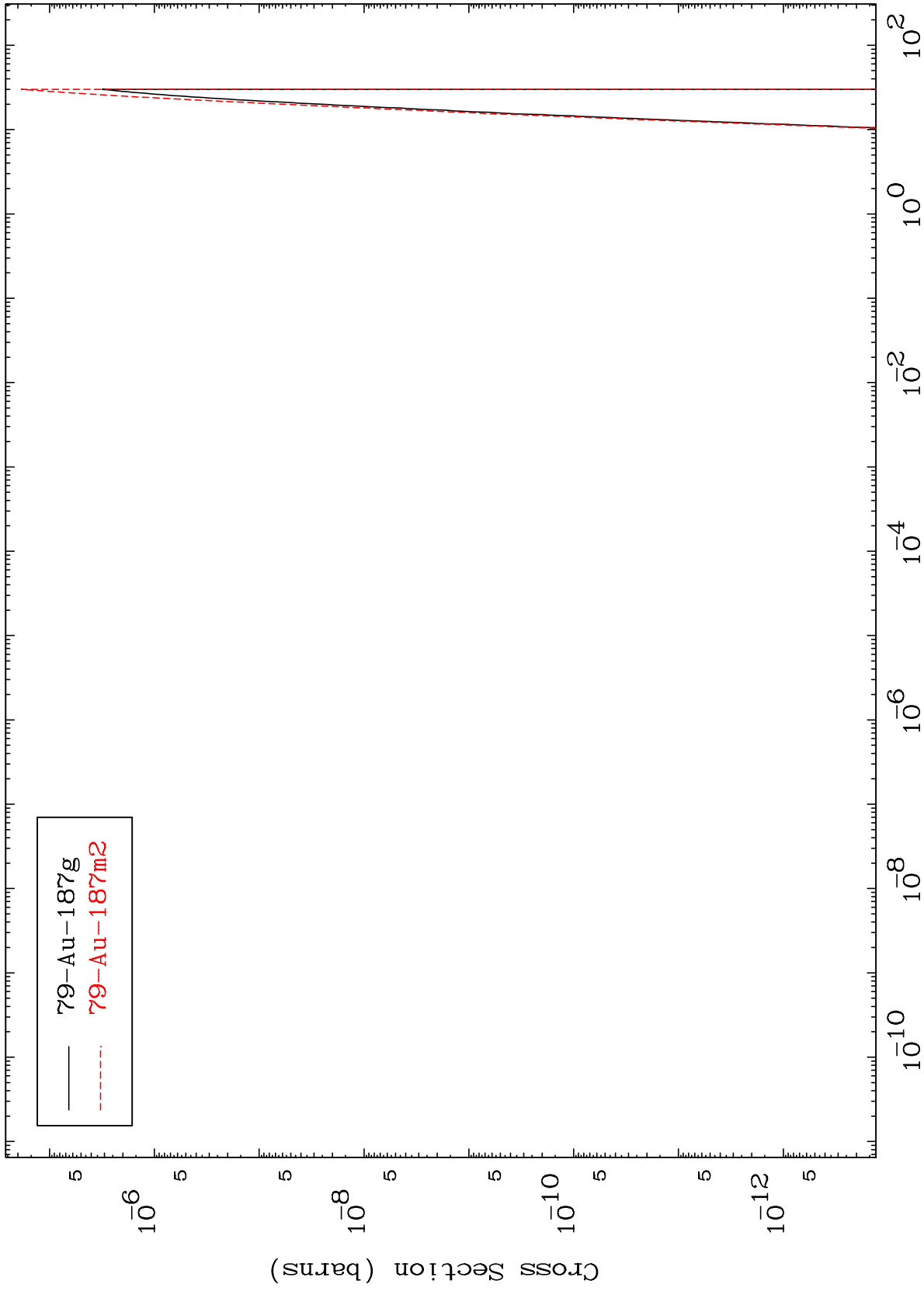
83-Bi-195

MAT 8284

(n,n') 2 α

83-Bi-195

Radionuclide Production Cross Section



23

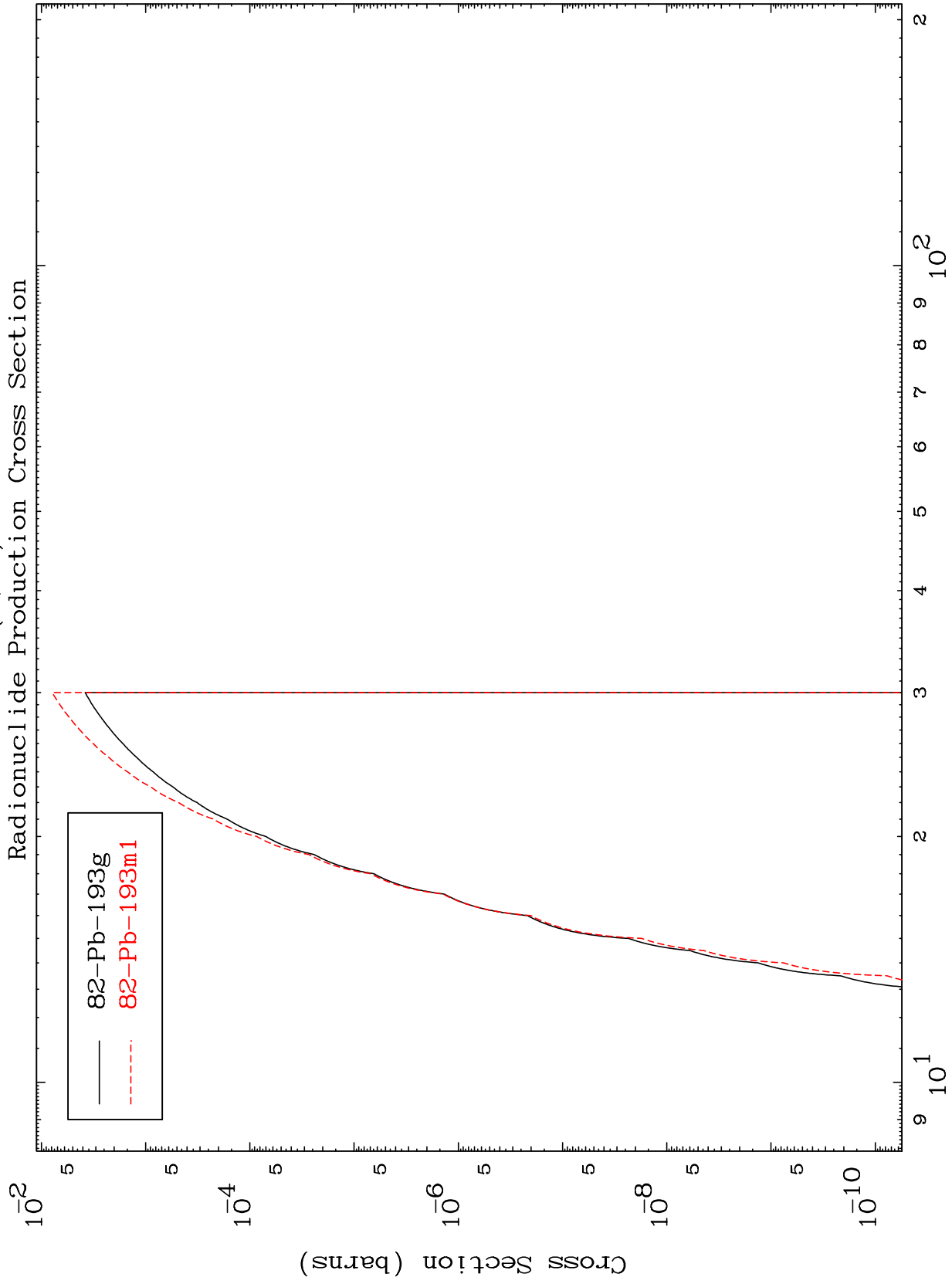
Incident Energy (MeV)

83-Bi-195

MAT 8284

(n,n') d

83-Bi-195



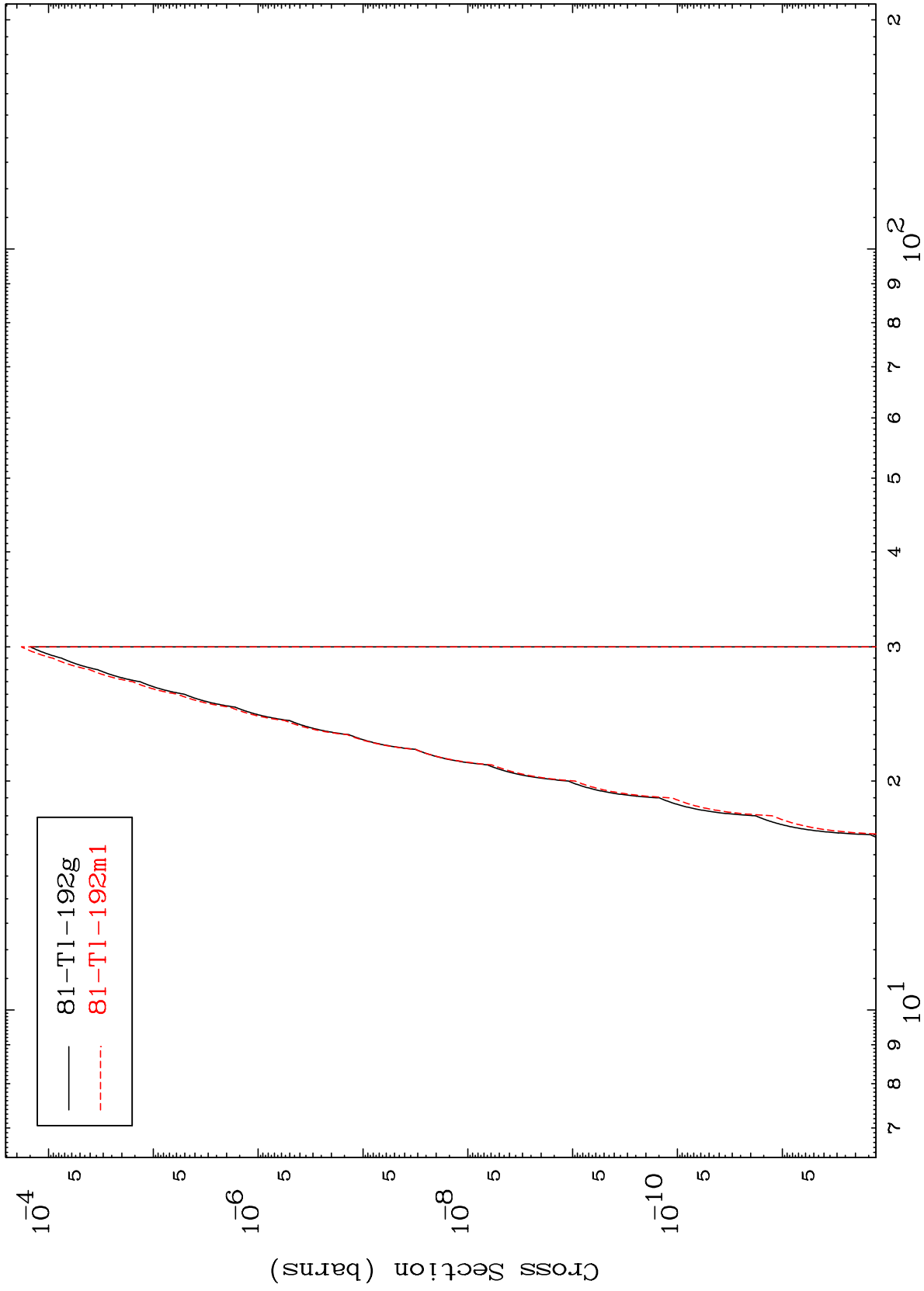
24

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(n, n') He-3

83-Bi-195

Radionuclide Production Cross Section



81-Tl-192g
81-Tl-192m1

25

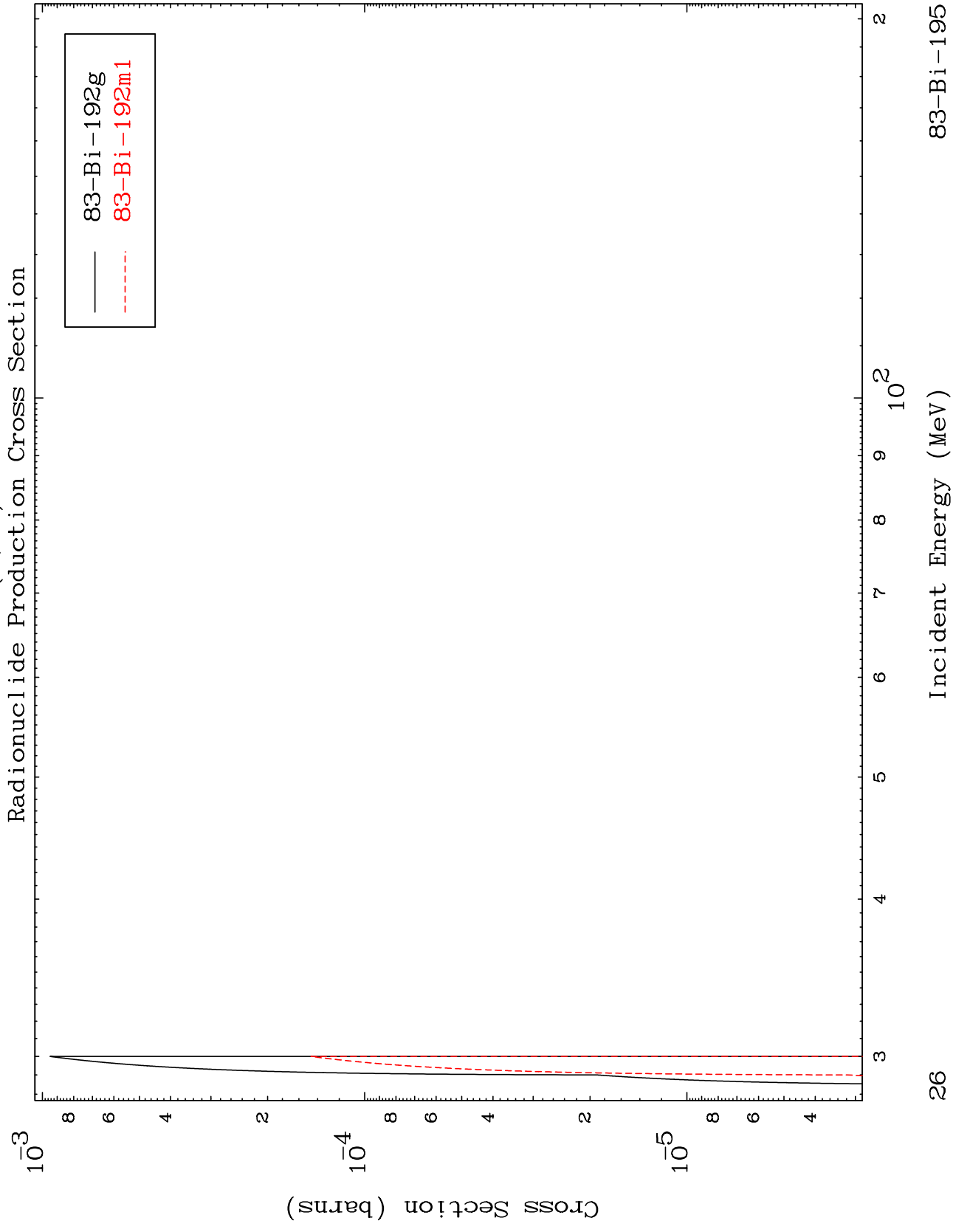
Incident Energy (MeV)

83-Bi-195

MAT 8284

(n,4n)

83-Bi-195



26

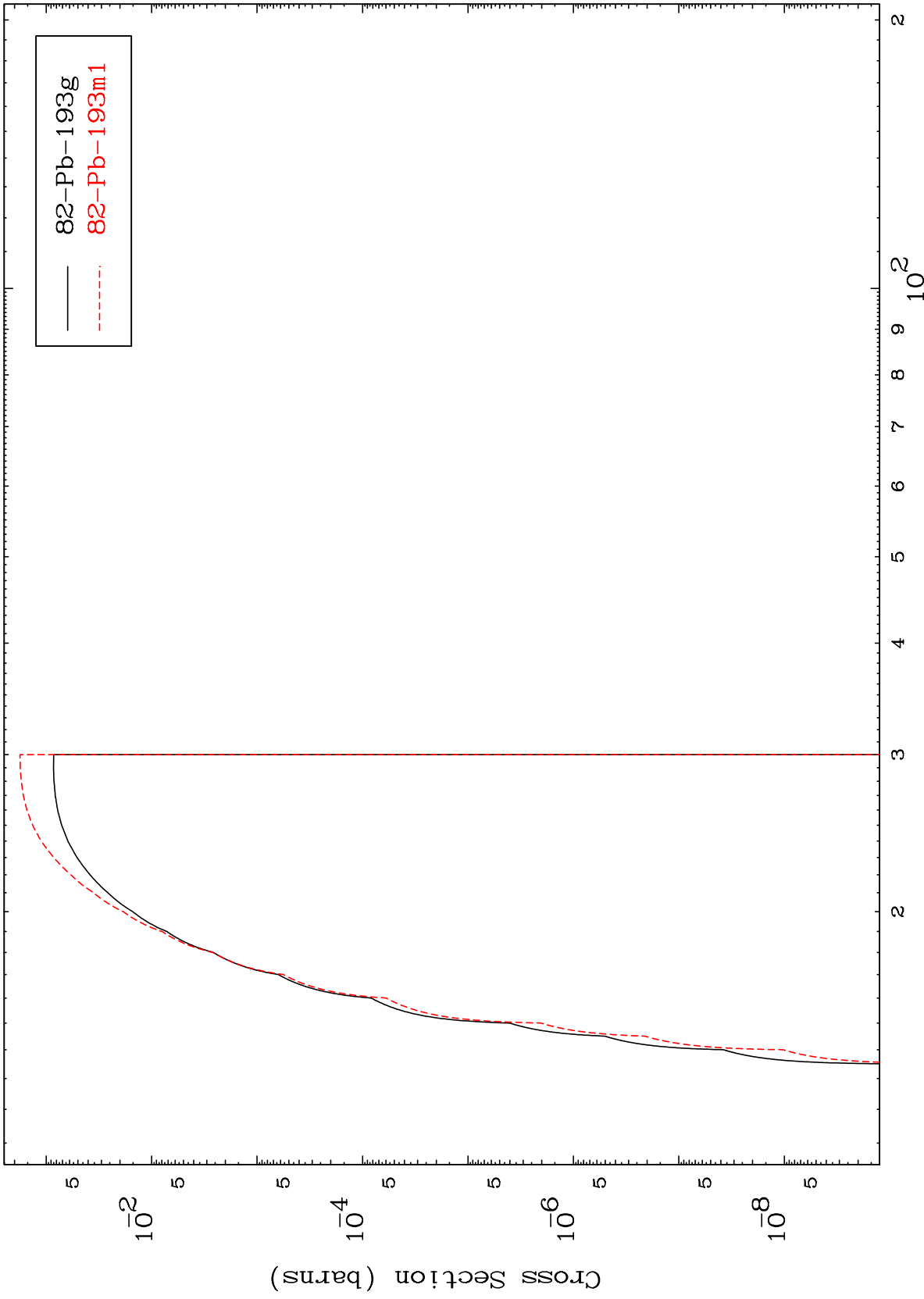
83-Bi-195

MAT 8284

(n,2n) p

83-Bi-195

Radionuclide Production Cross Section



27

Incident Energy (MeV)

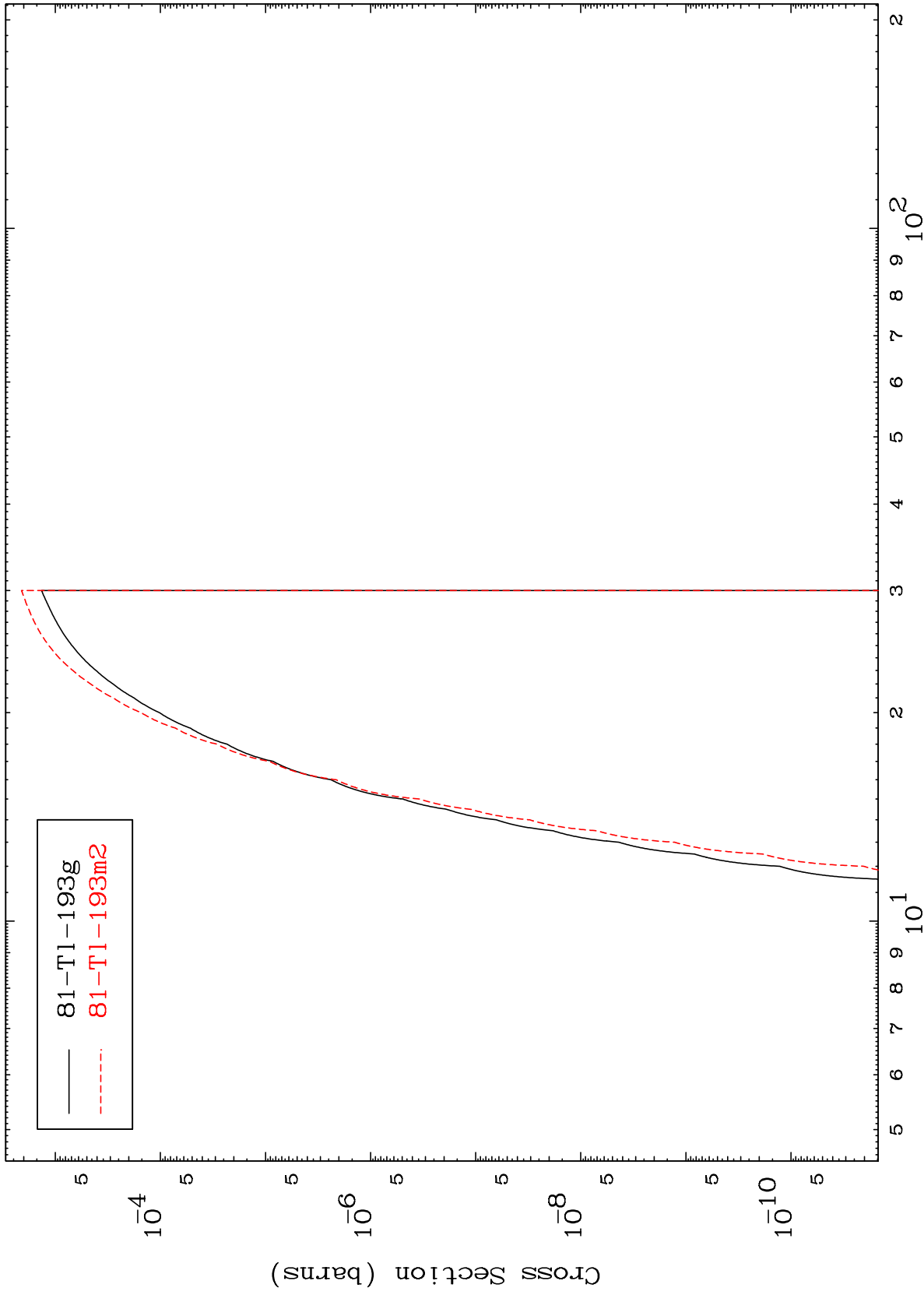
83-Bi-195

MAT 8284

(n,2n) p

83-Bi-195

Radionuclide Production Cross Section



28

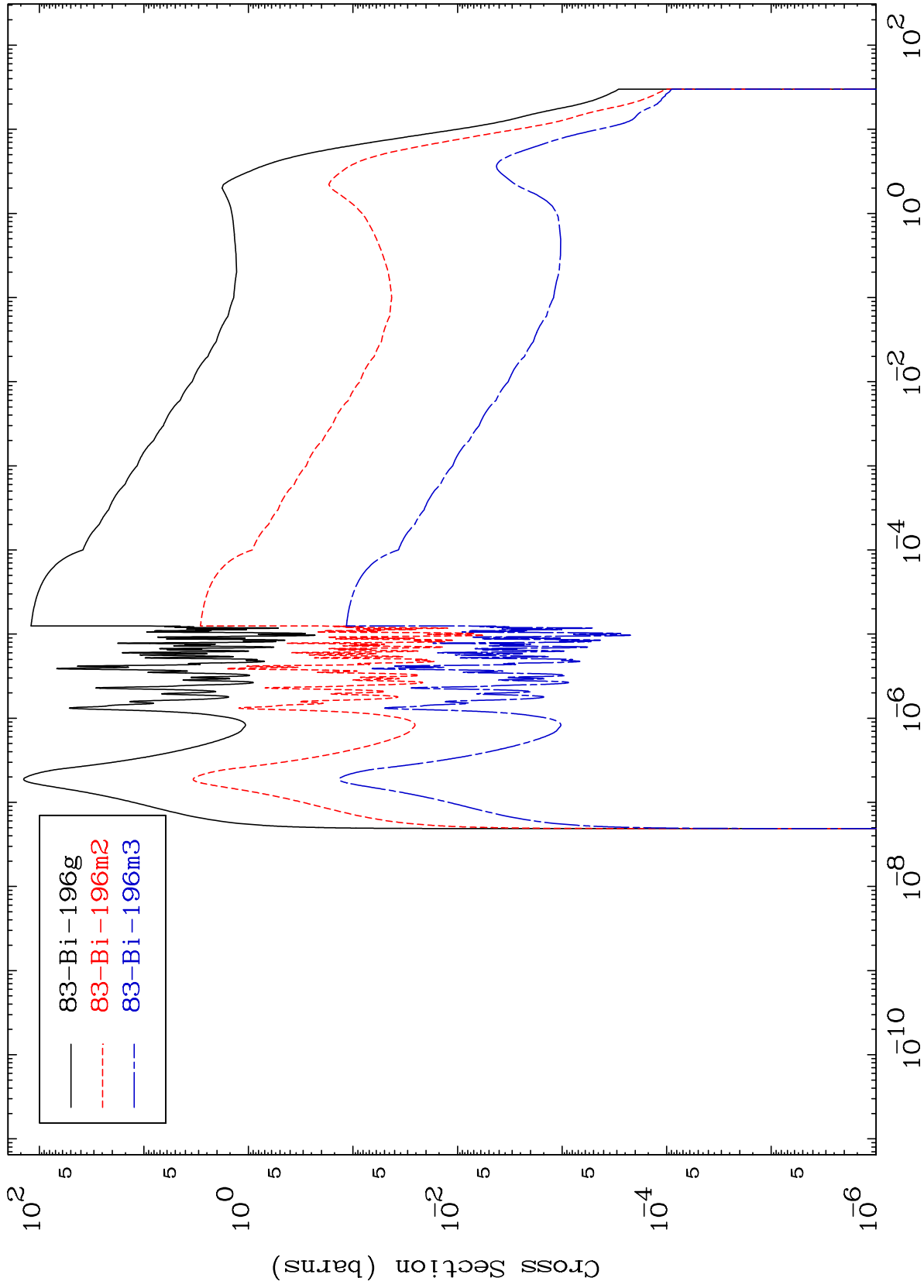
Incident Energy (MeV)

83-Bi-195

MAT 8284

83-Bi-195

Radionuclide Production Cross Section



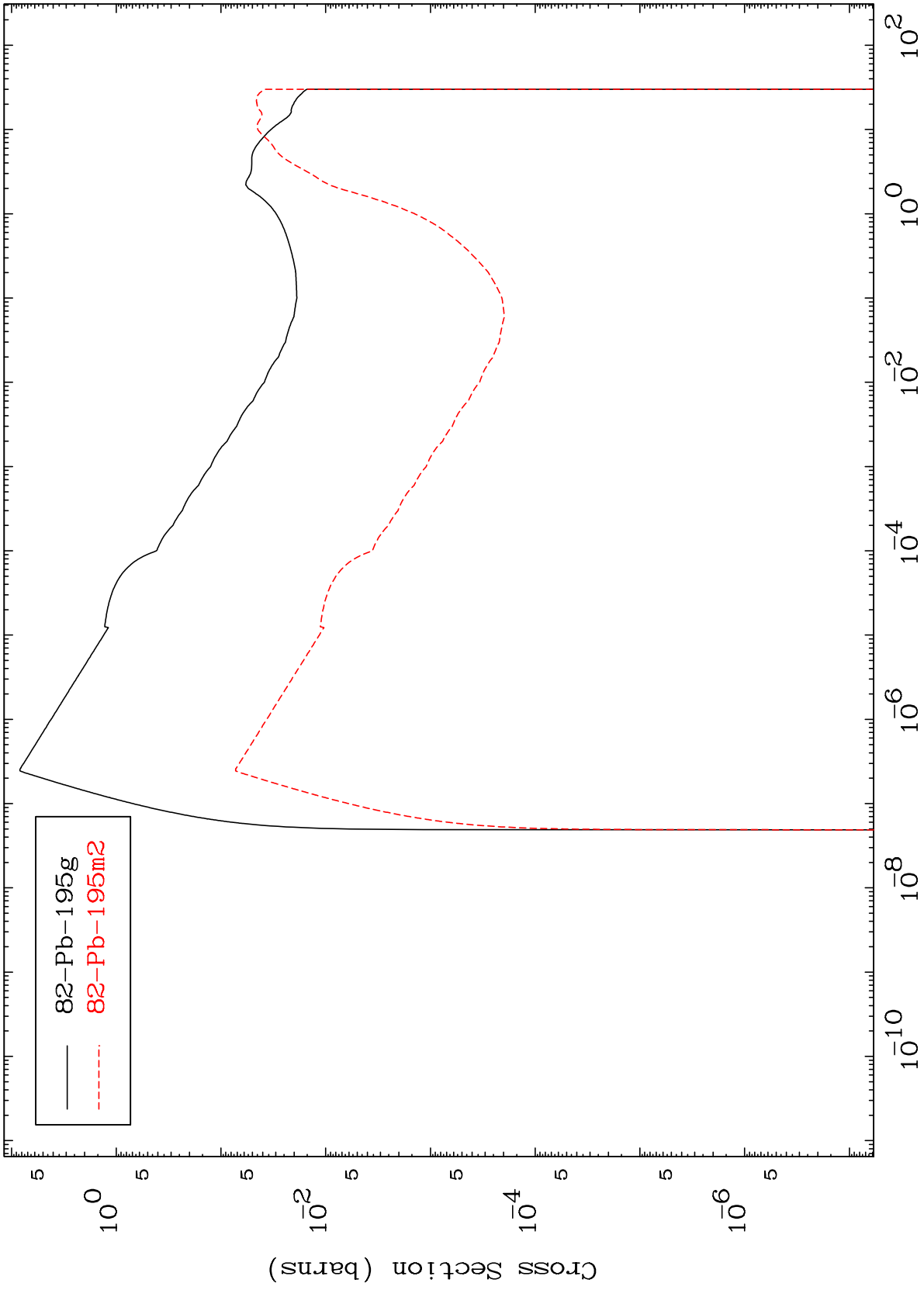
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83-Bi-195

MAT 8284

83-Bi-195

Radionuclide Production Cross Section (n,p)



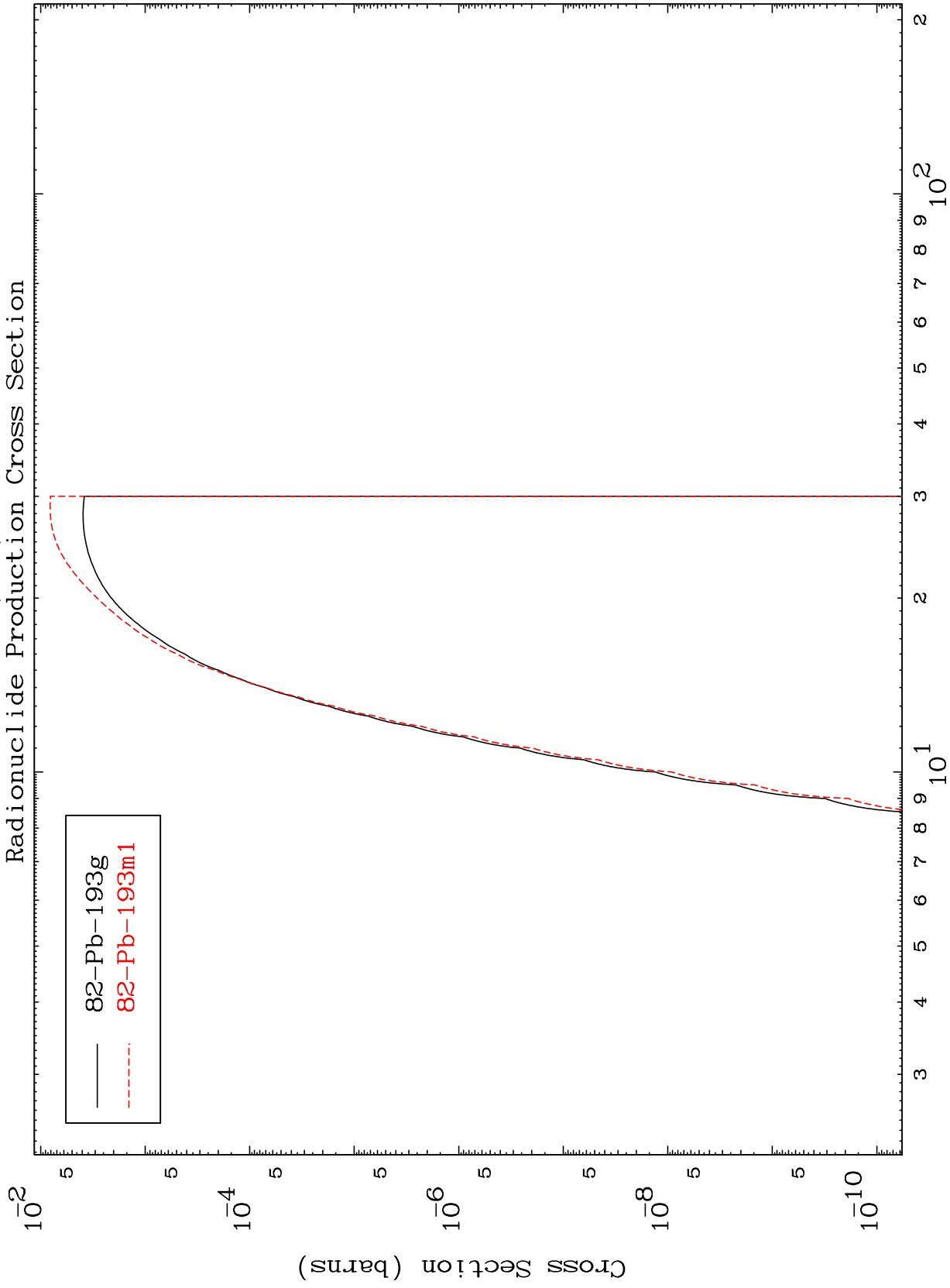
30

83-Bi-195

MAT 8284

83-Bi-195

(n, t)
Radionuclide Production Cross Section



31

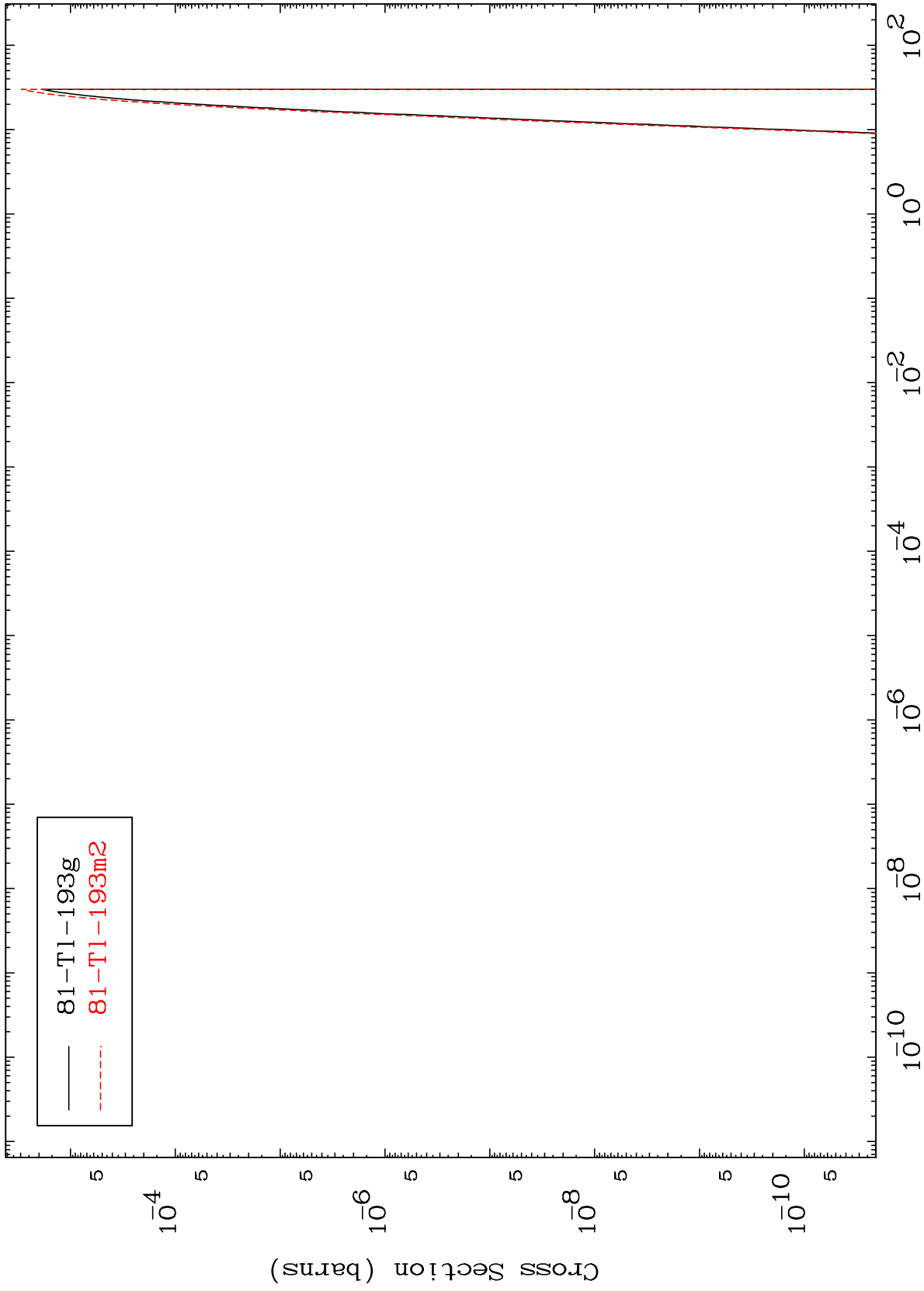
83-Bi-195

MAT 8284

(n, He-3)

83-Bi-195

Radionuclide Production Cross Section



32

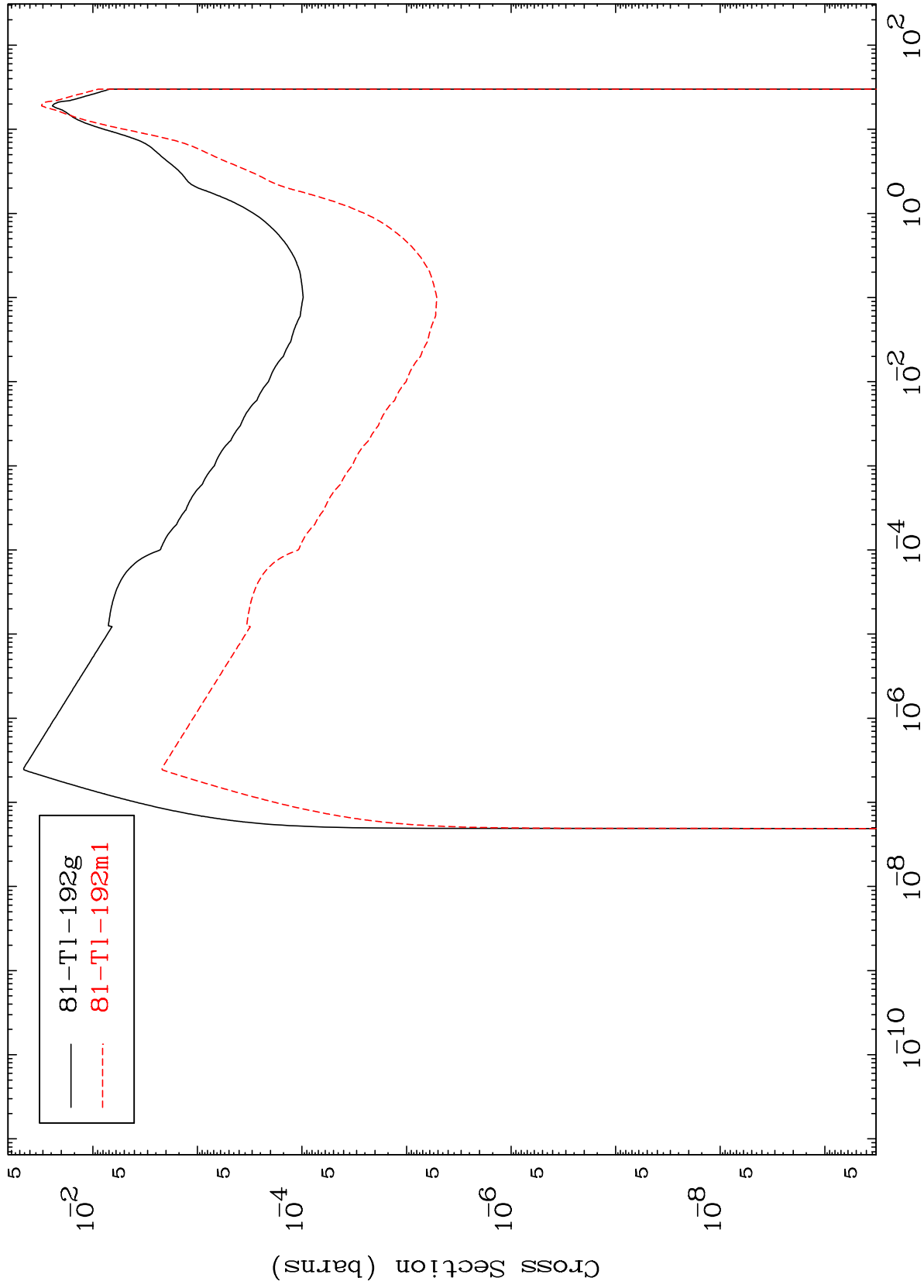
Incident Energy (MeV)

83-Bi-195

MAT 8284

83-Bi-195

Radionuclide Production Cross Section
(n, α)



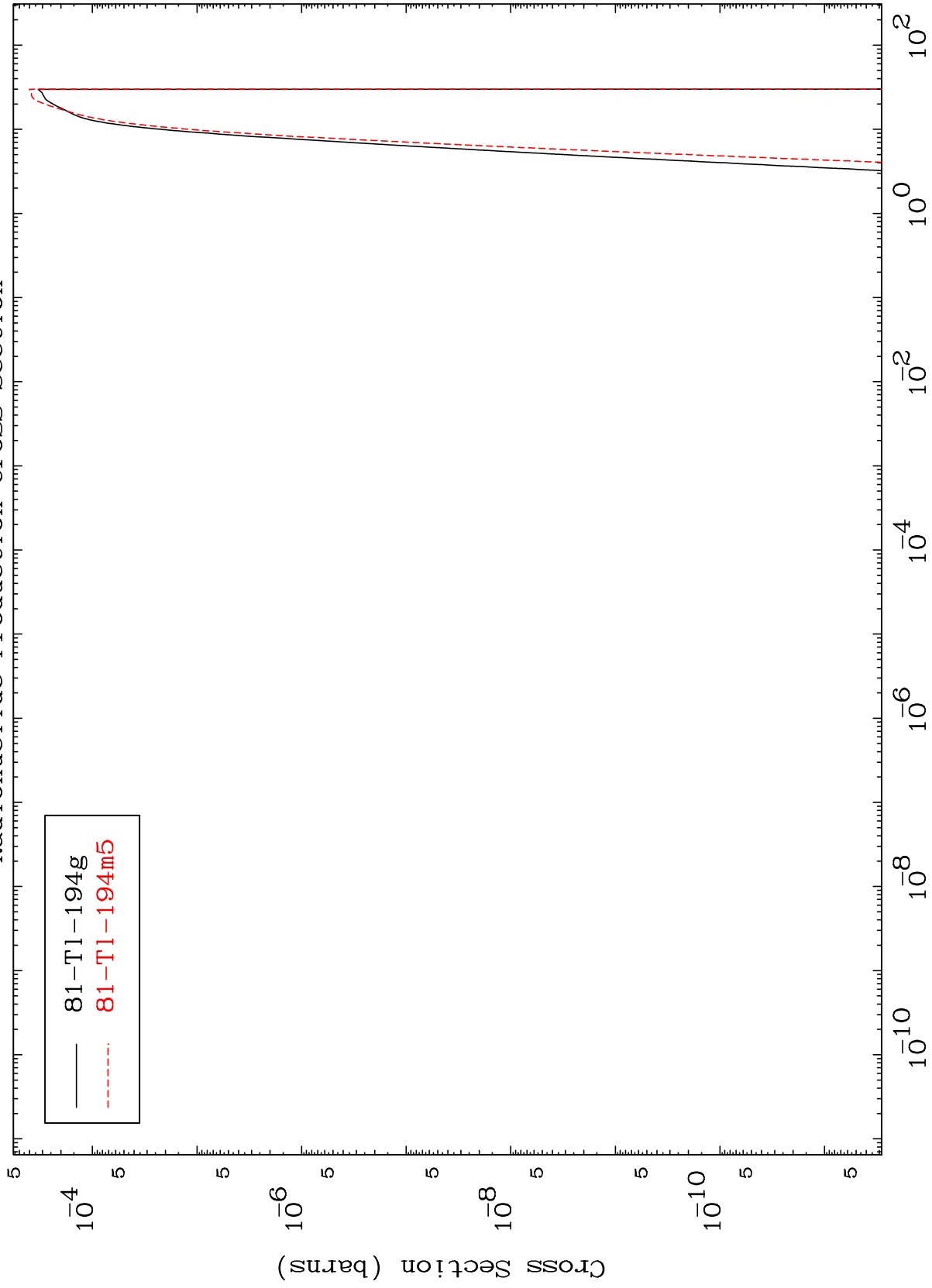
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83-Bi-195

MAT 8284

(n,2p)
Radionuclide Production Cross Section

83-Bi-195



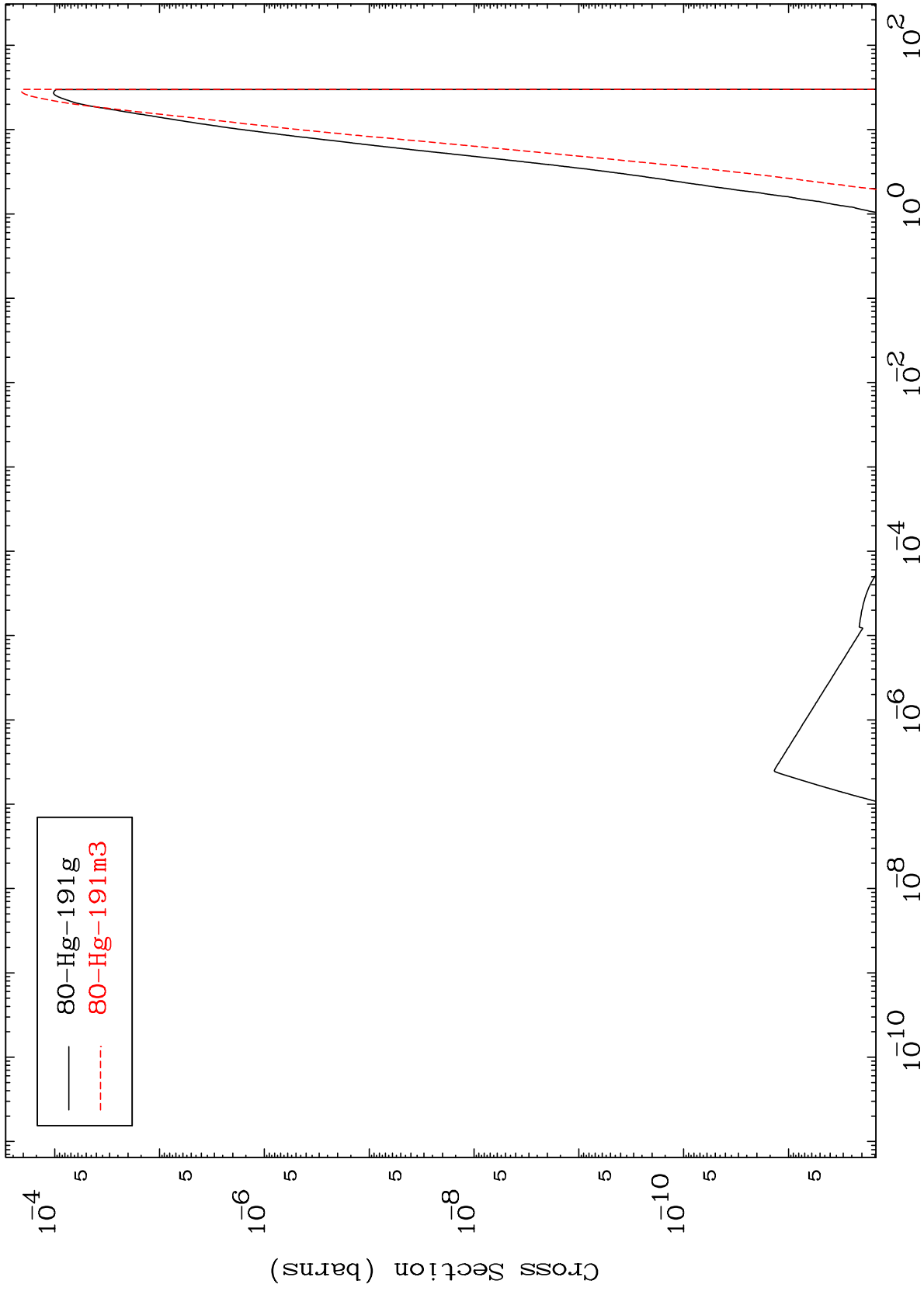
81-Tl-194g
81-Tl-194m5

MAT 8284

(n,p) α

83-Bi-195

Radionuclide Production Cross Section



35

Incident Energy (MeV)

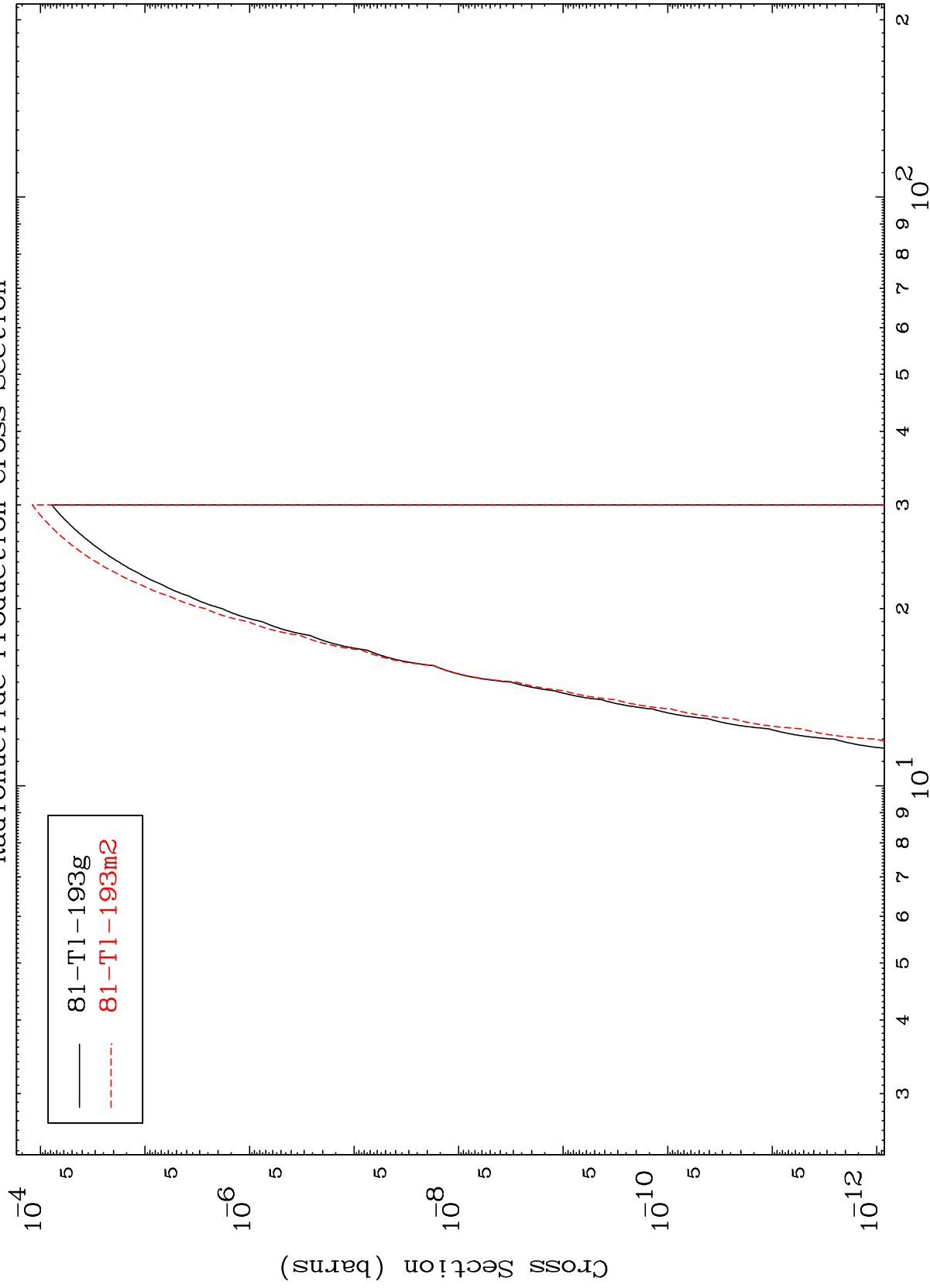
83-Bi-195

MAT 8284

(n,p) d

83-Bi-195

Radionuclide Production Cross Section



36

Incident Energy (MeV)

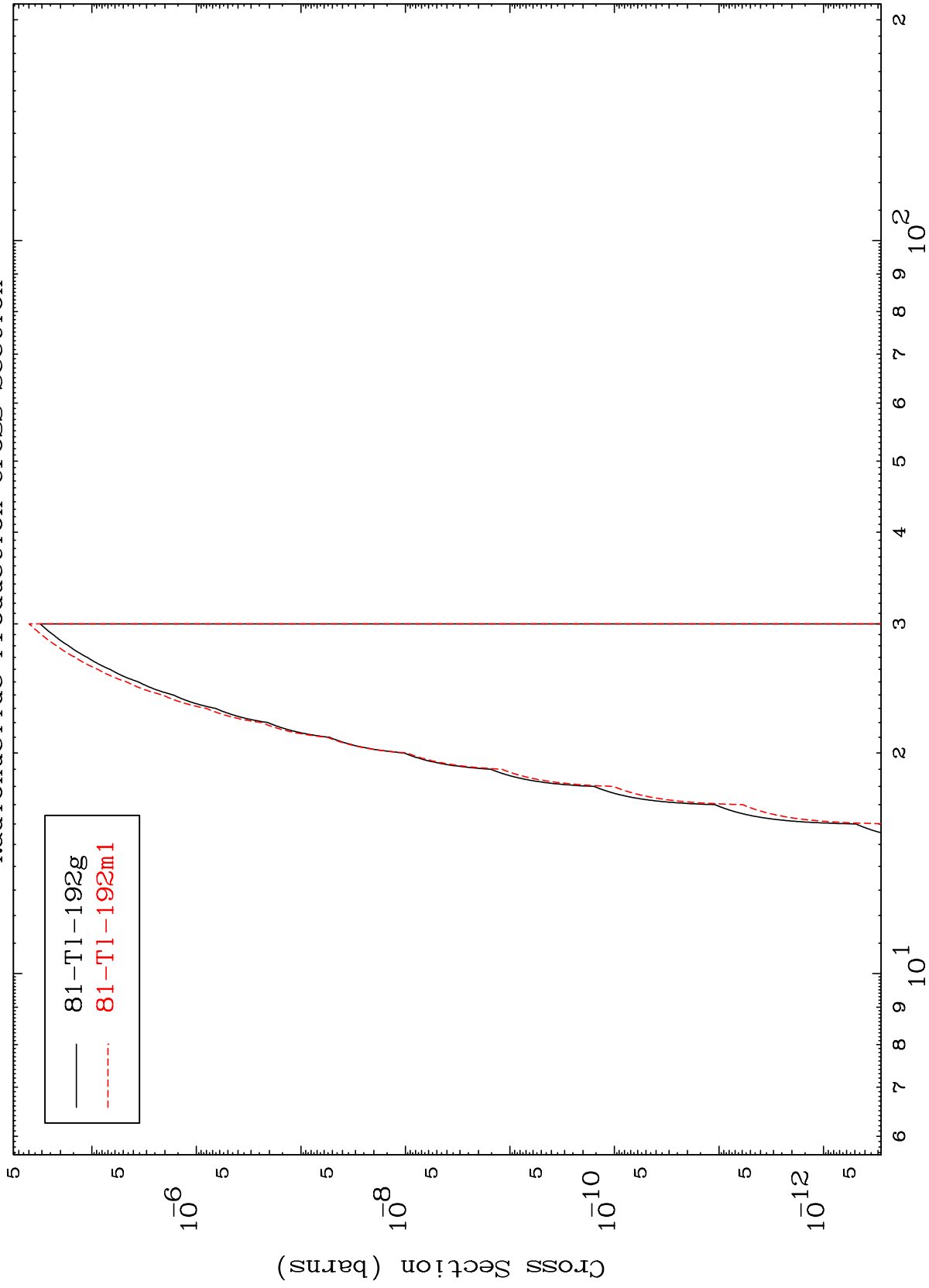
83-Bi-195

MAT 8284

(n,p) t

83-Bi-195

Radionuclide Production Cross Section



81-Tl-192g
81-Tl-192m1

37

Incident Energy (MeV)

83-Bi-195