

Program EVALPLOT
(Version 2018-1)

by

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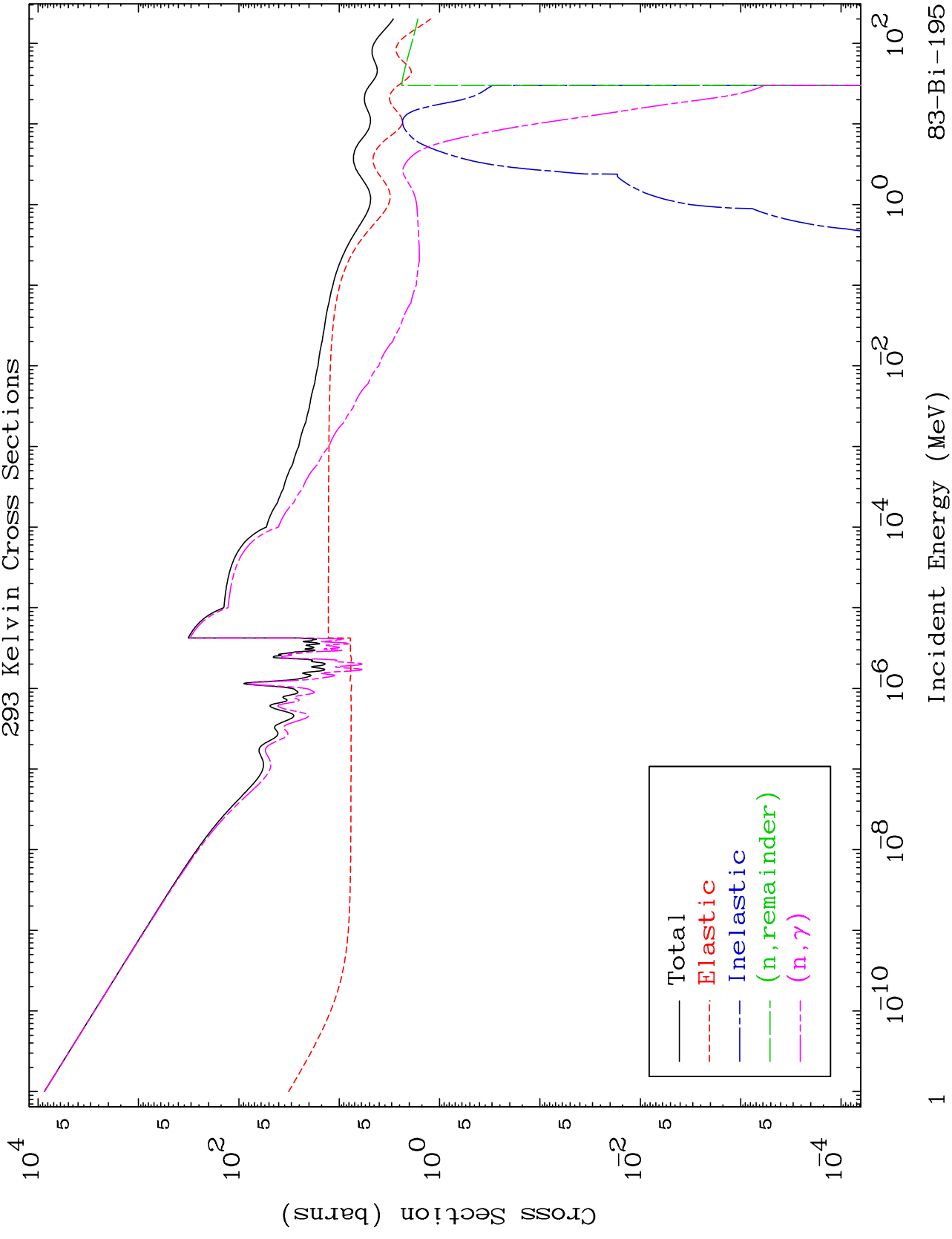
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8283

Major
293 Kelvin Cross Sections

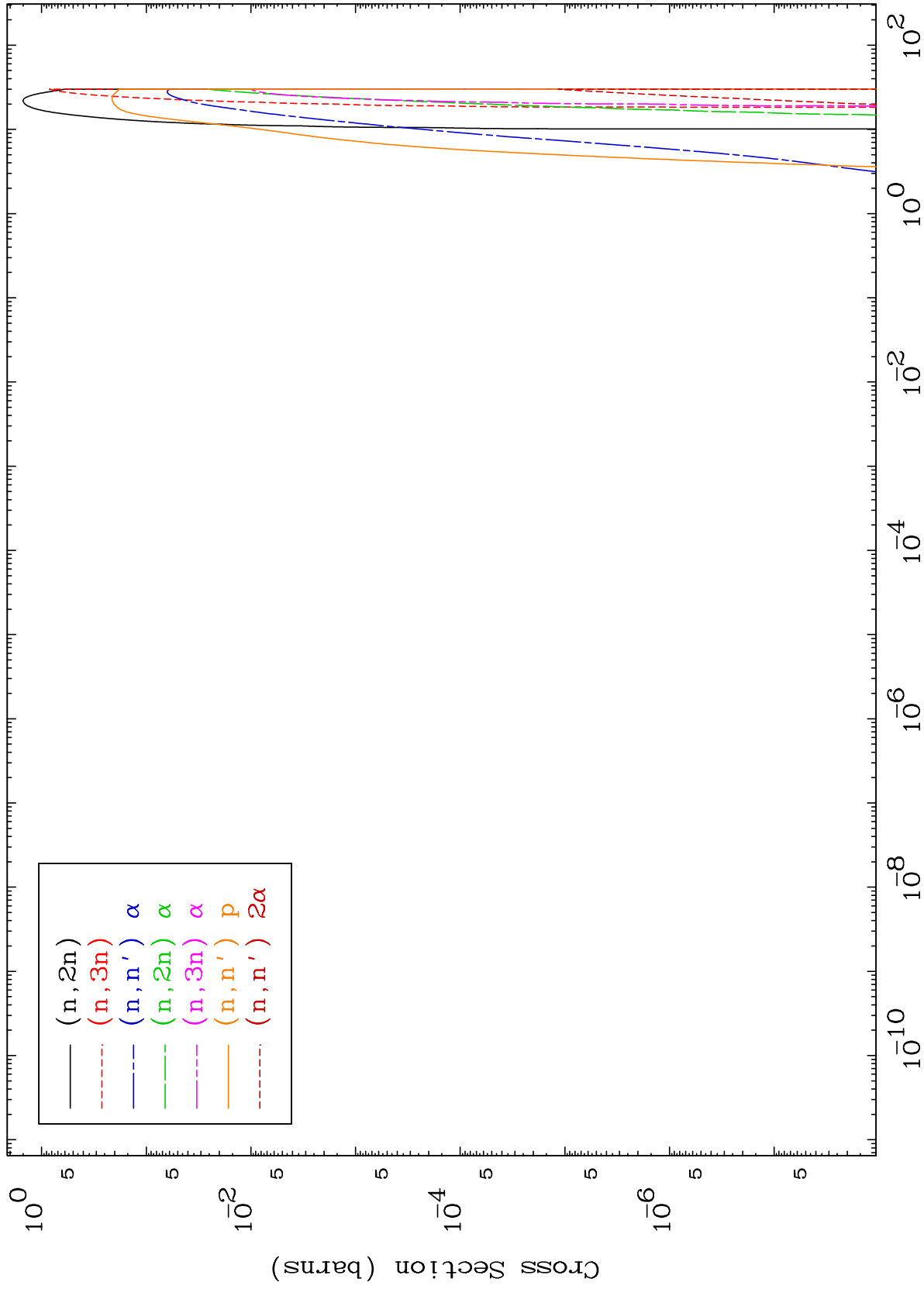
83-Bi-195



MAT 8283

Neutron Production
293 Kelvin Cross Sections

83-Bi-195



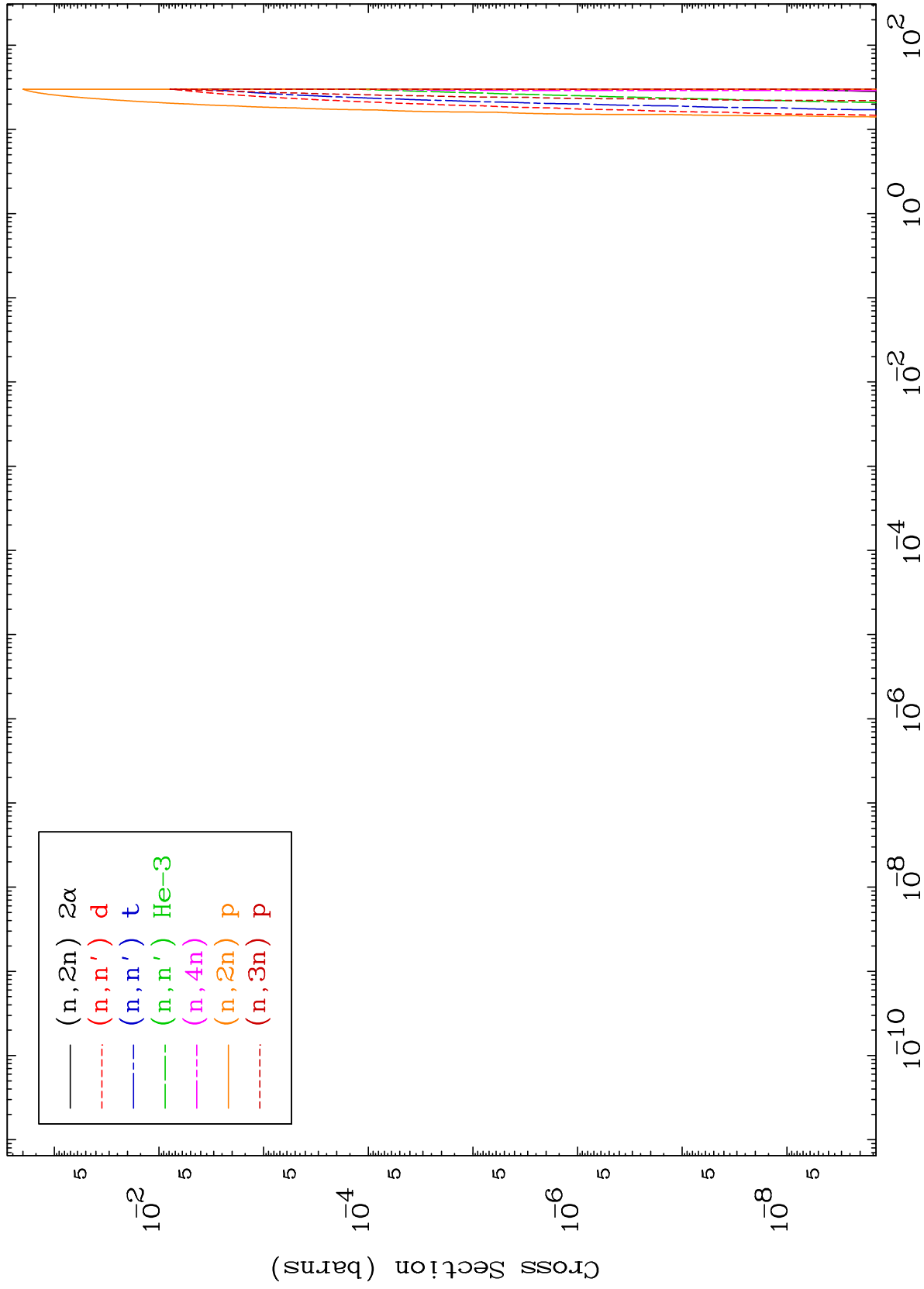
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83-Bi-195

MAT 8283

Neutron Production
293 Kelvin Cross Sections

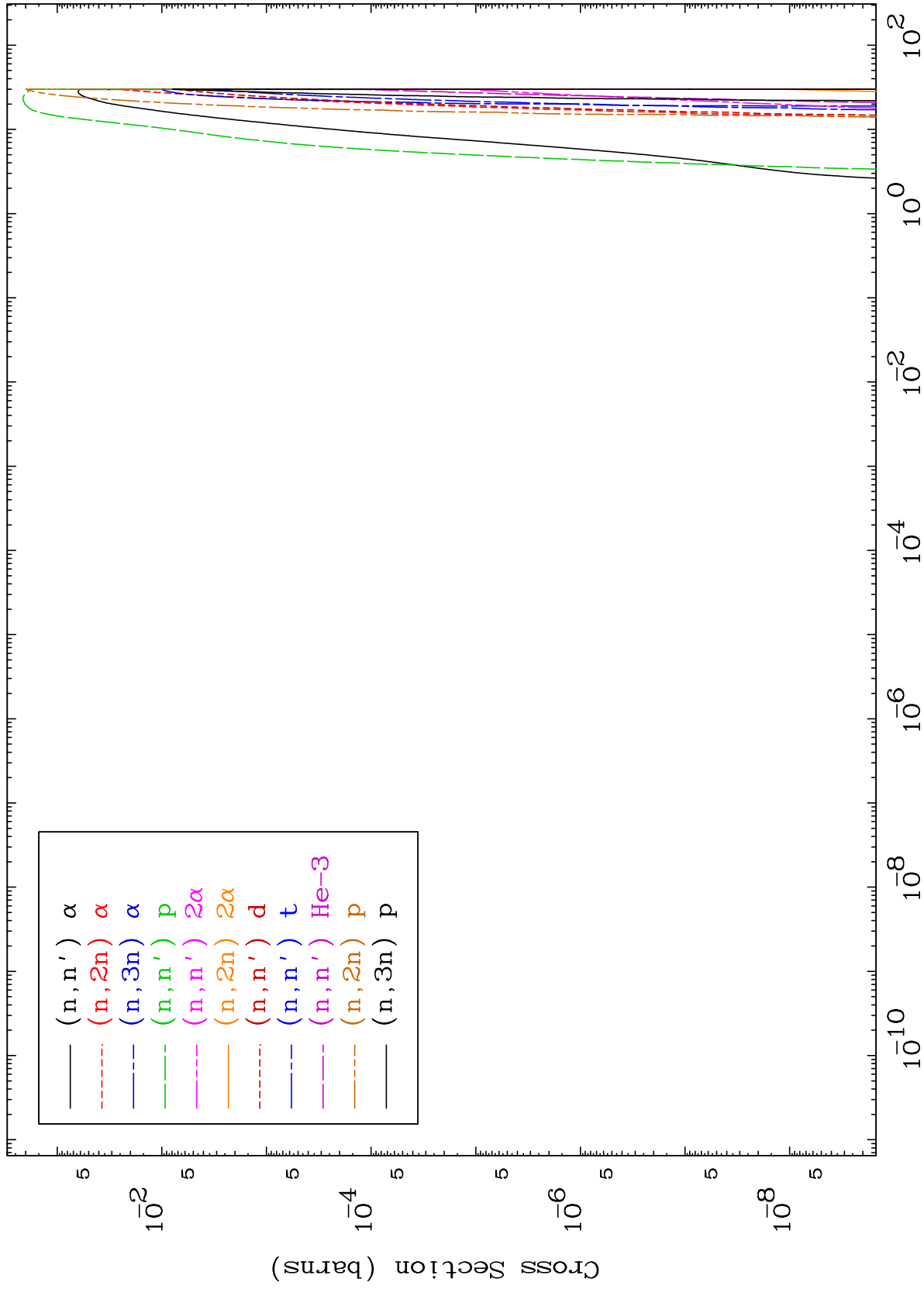
83-Bi-195



MAT 8283

Charged Particle
293 Kelvin Cross Sections

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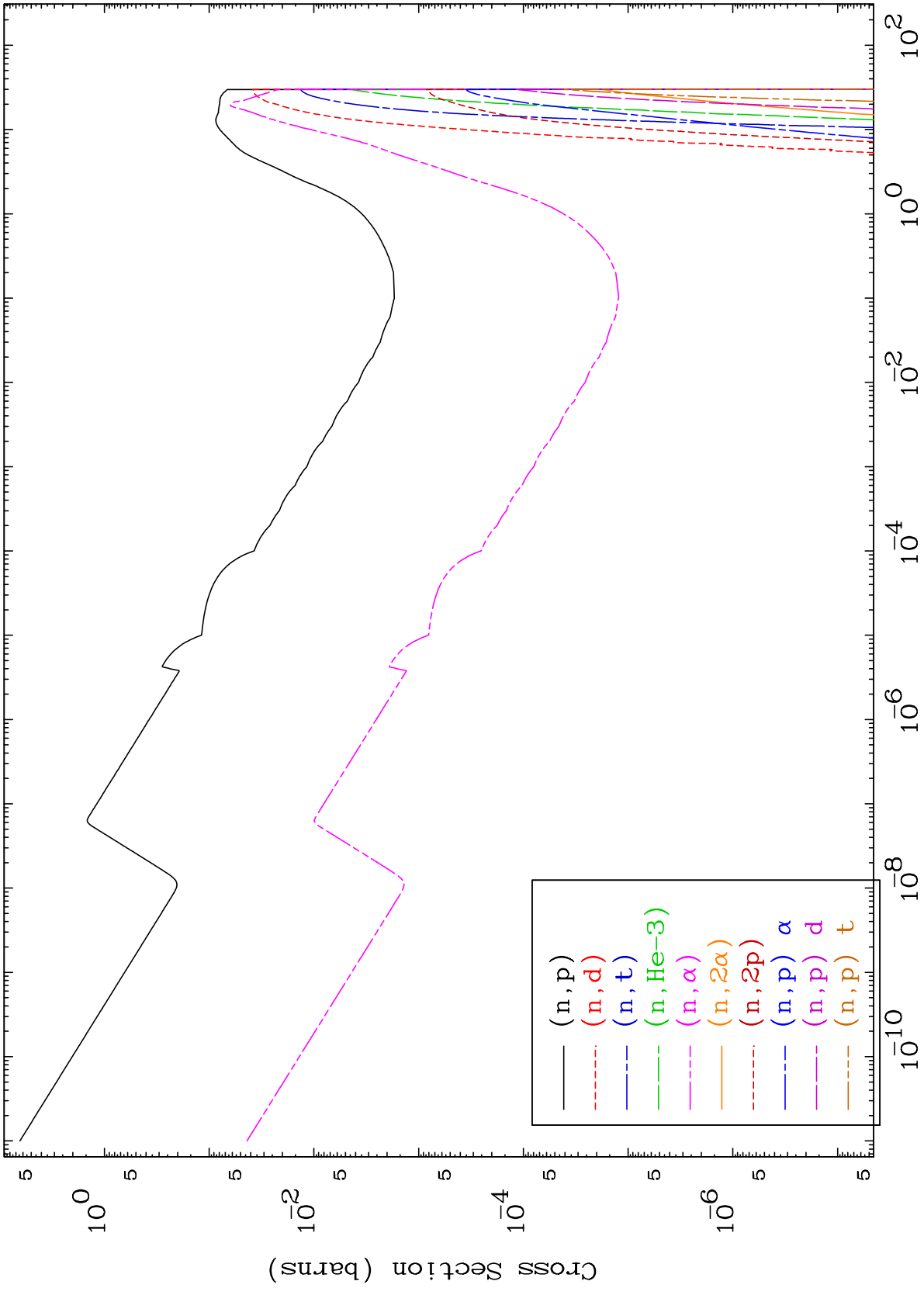


83-Bi-195

MAT 8283

293 Kelvin Cross Sections

83-Bi-195

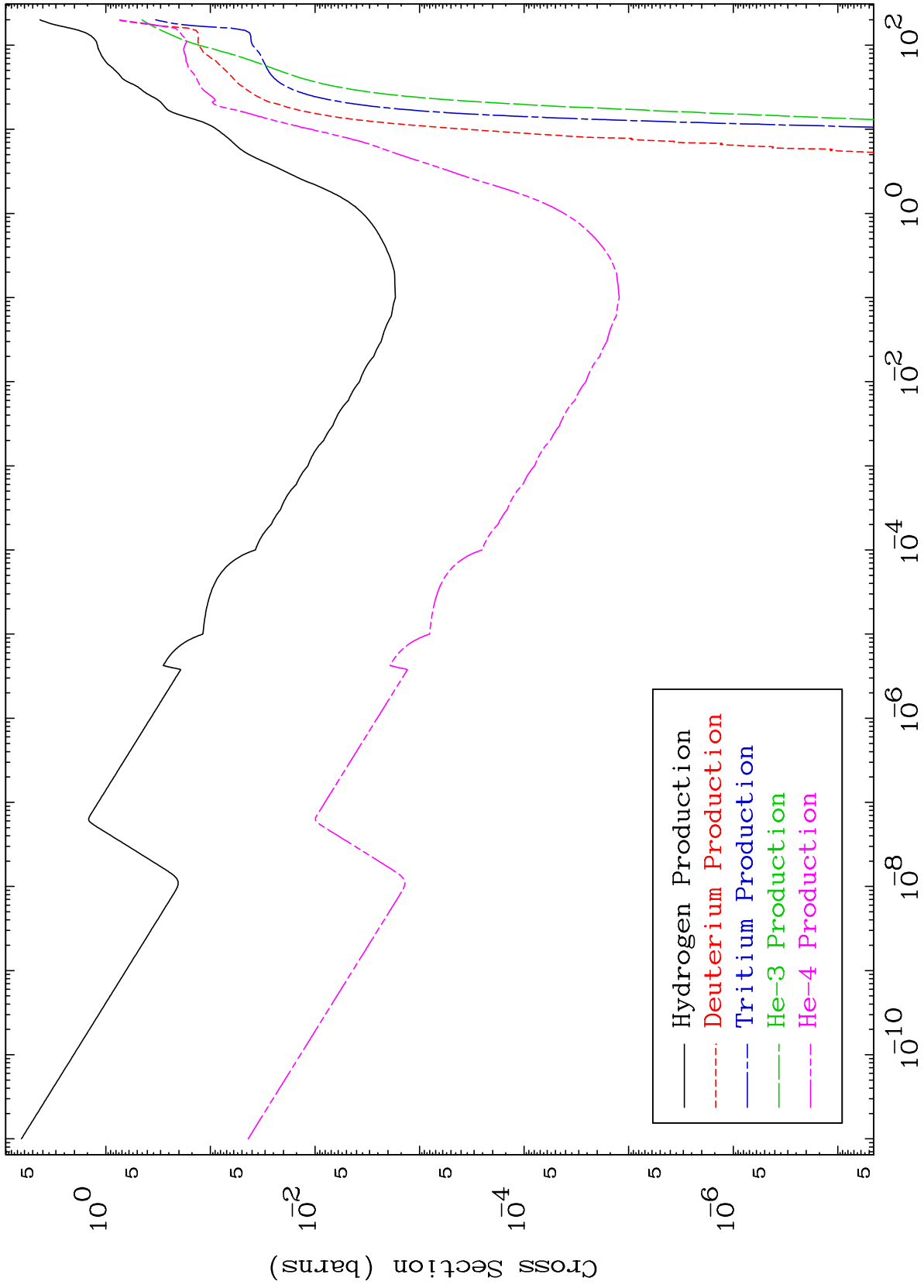


83-Bi-195

MAT 8283

Particle Production
293 Kelvin Cross Sections

83-Bi-195



6

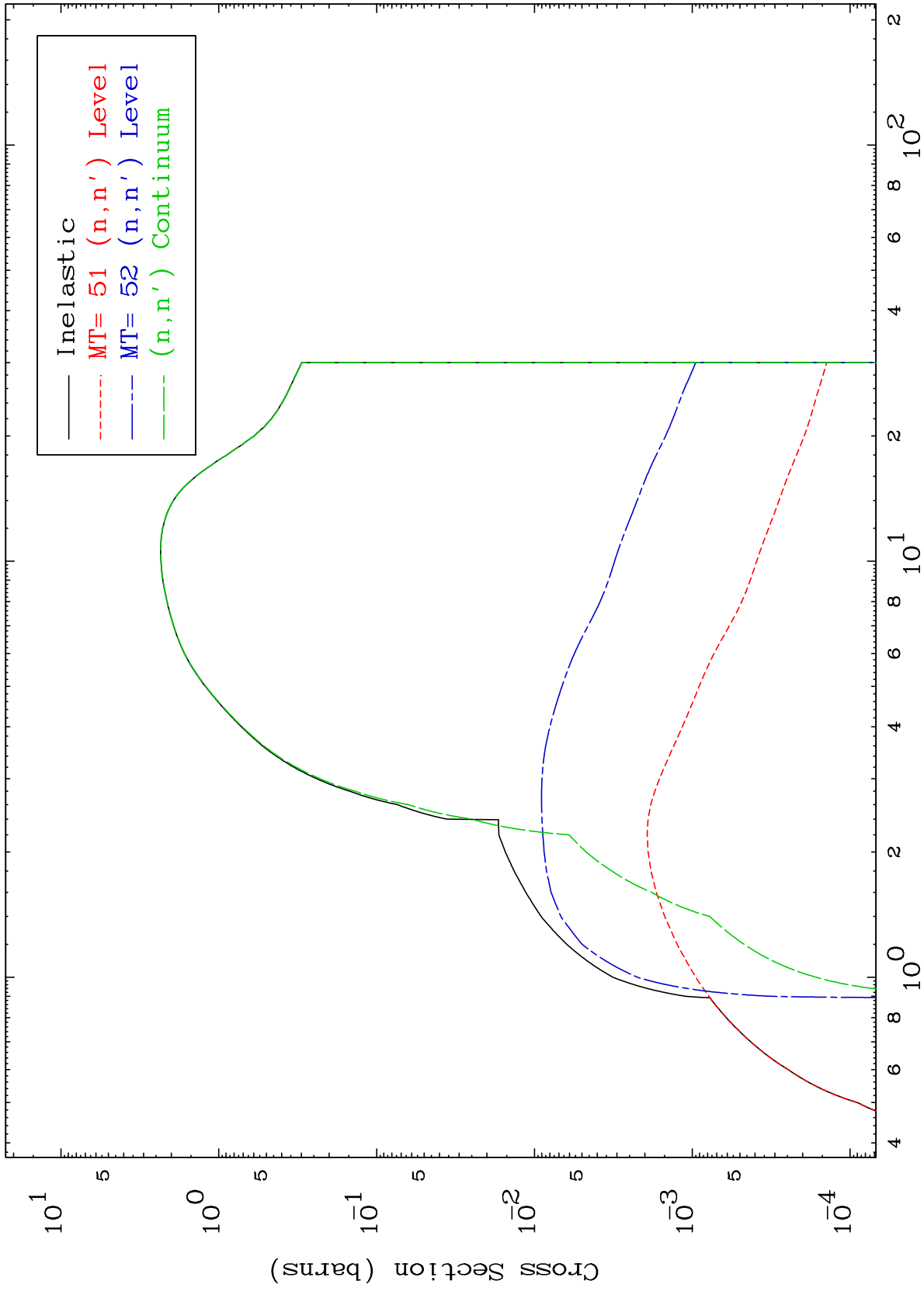
Incident Energy (MeV)

83-Bi-195

MAT 8283

(n,n') Level
293 Kelvin Cross Sections

83-Bi-195



7

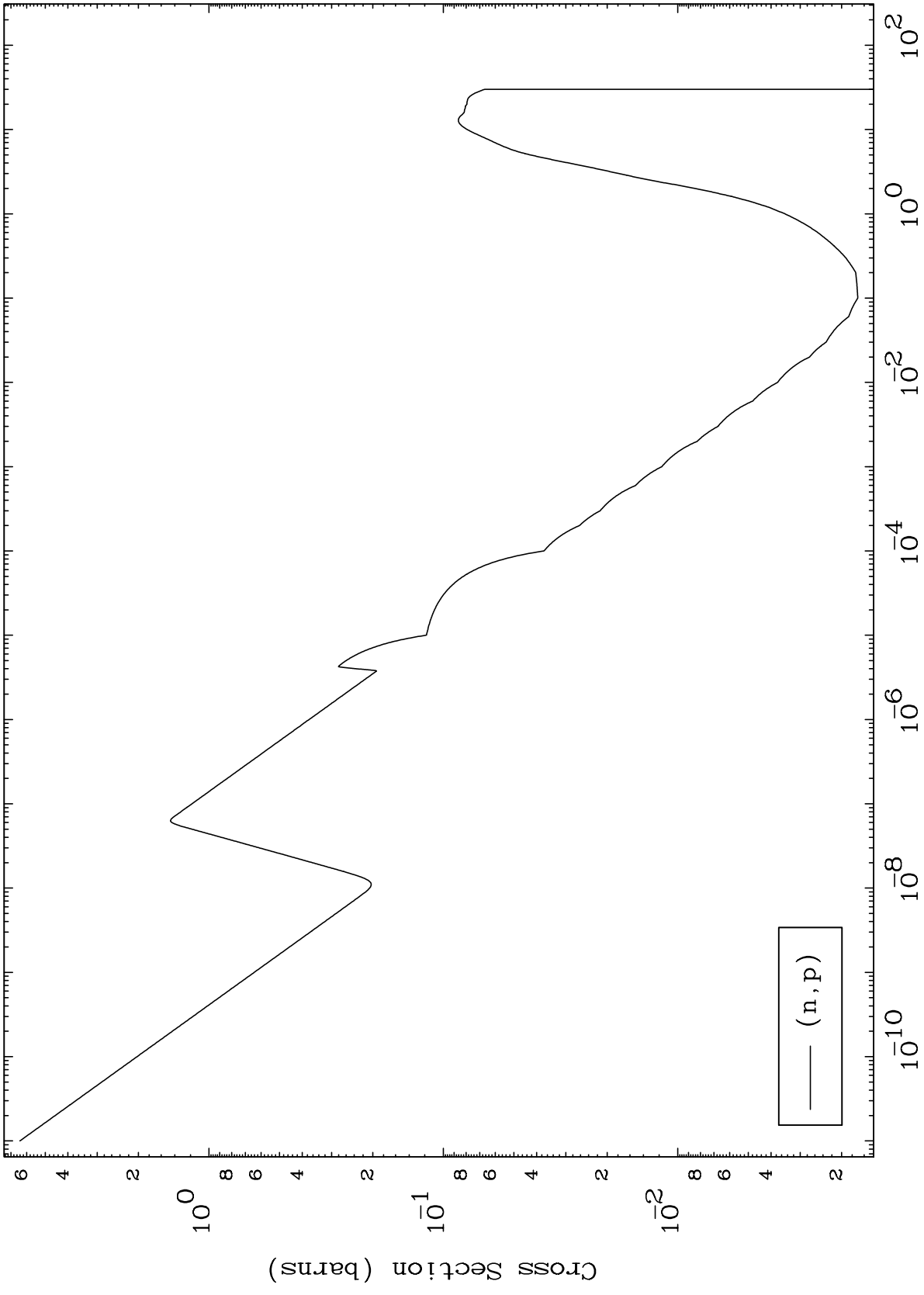
Incident Energy (MeV)

83-Bi-195

MAT 8283

(n,p) Levels
293 Kelvin Cross Sections

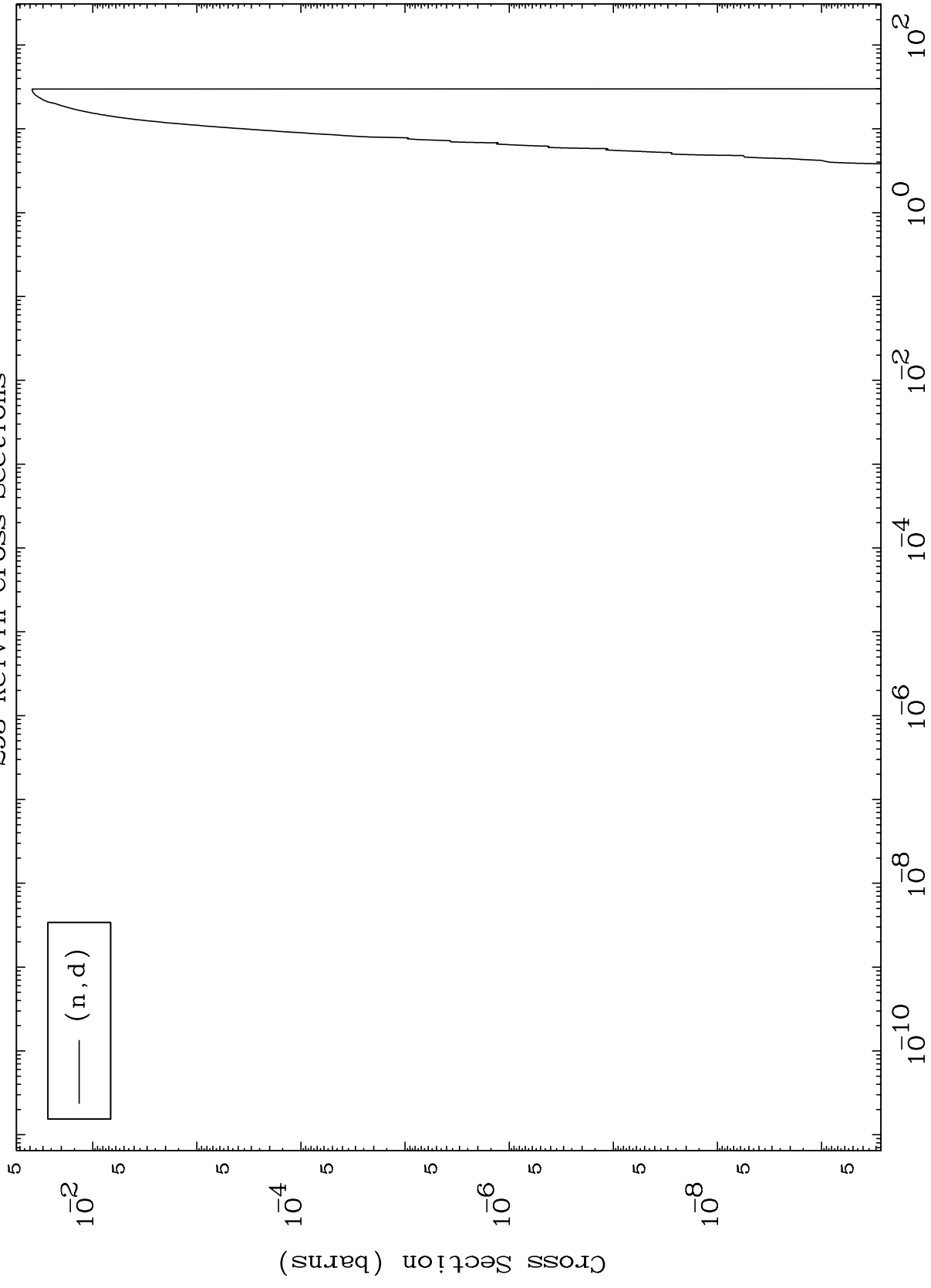
83-Bi-195



MAT 8283

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-195

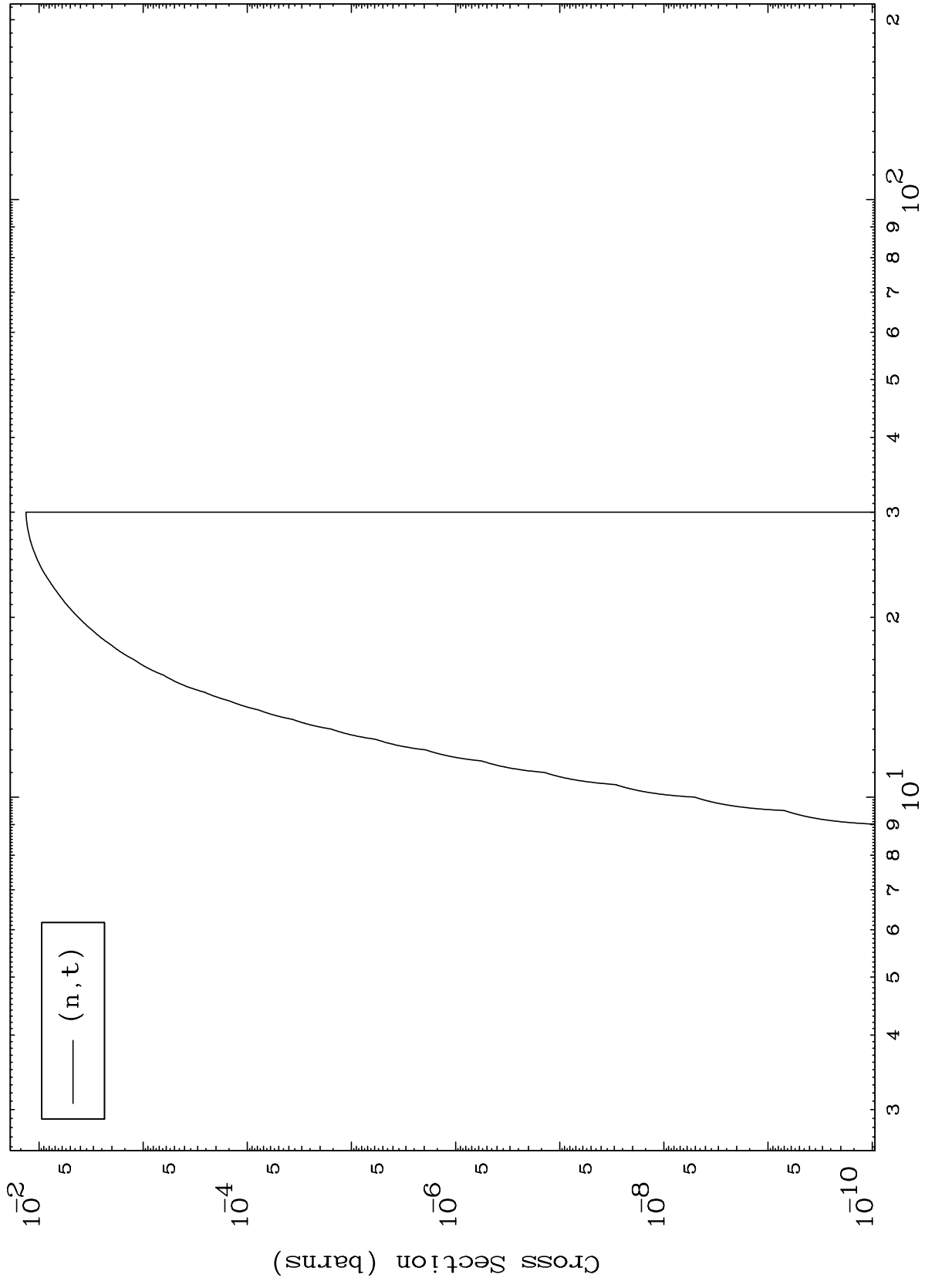


83-Bi-195

MAT 8283

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-195



10

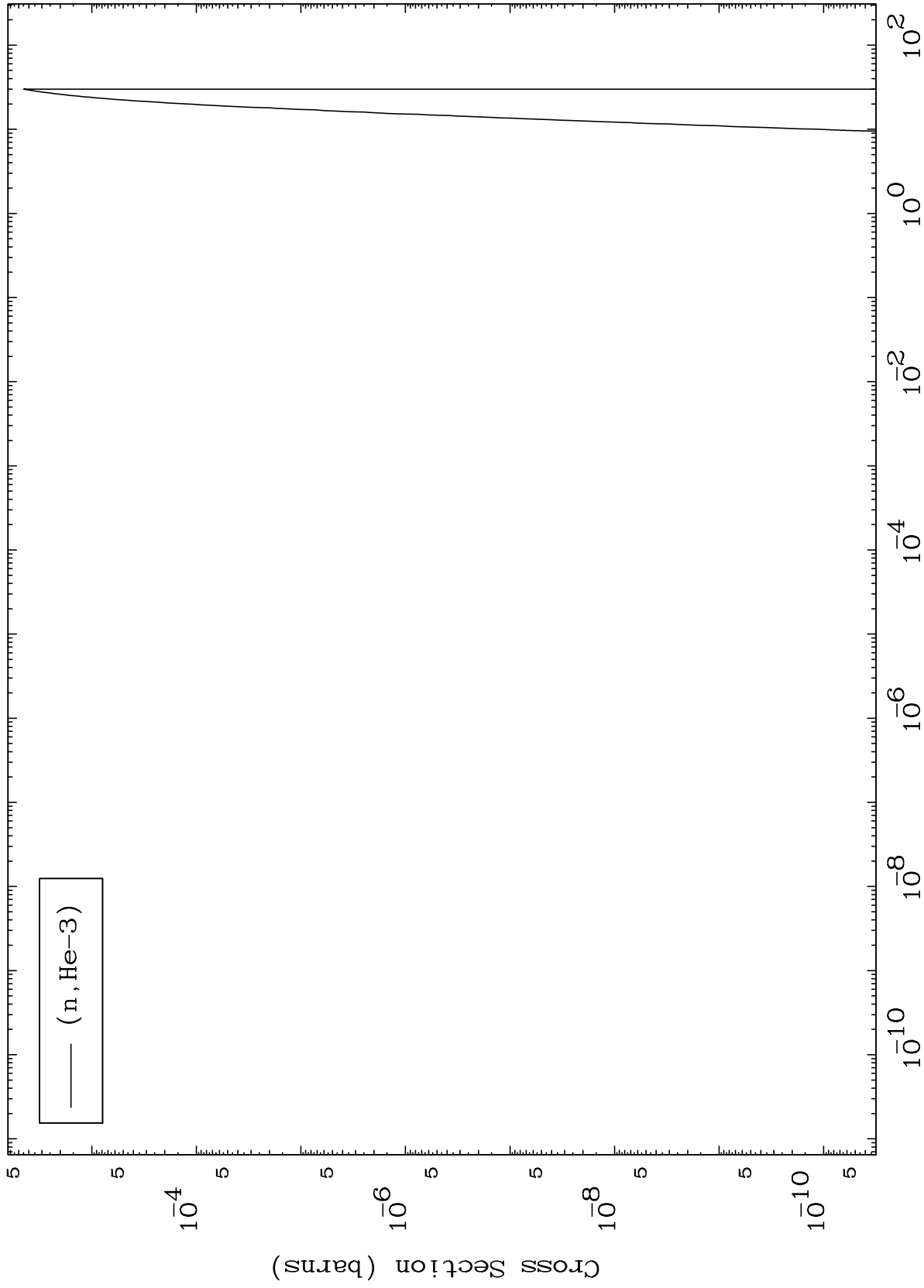
Incident Energy (MeV)

83-Bi-195

MAT 8283

(n,He3) Levels
293 Kelvin Cross Sections

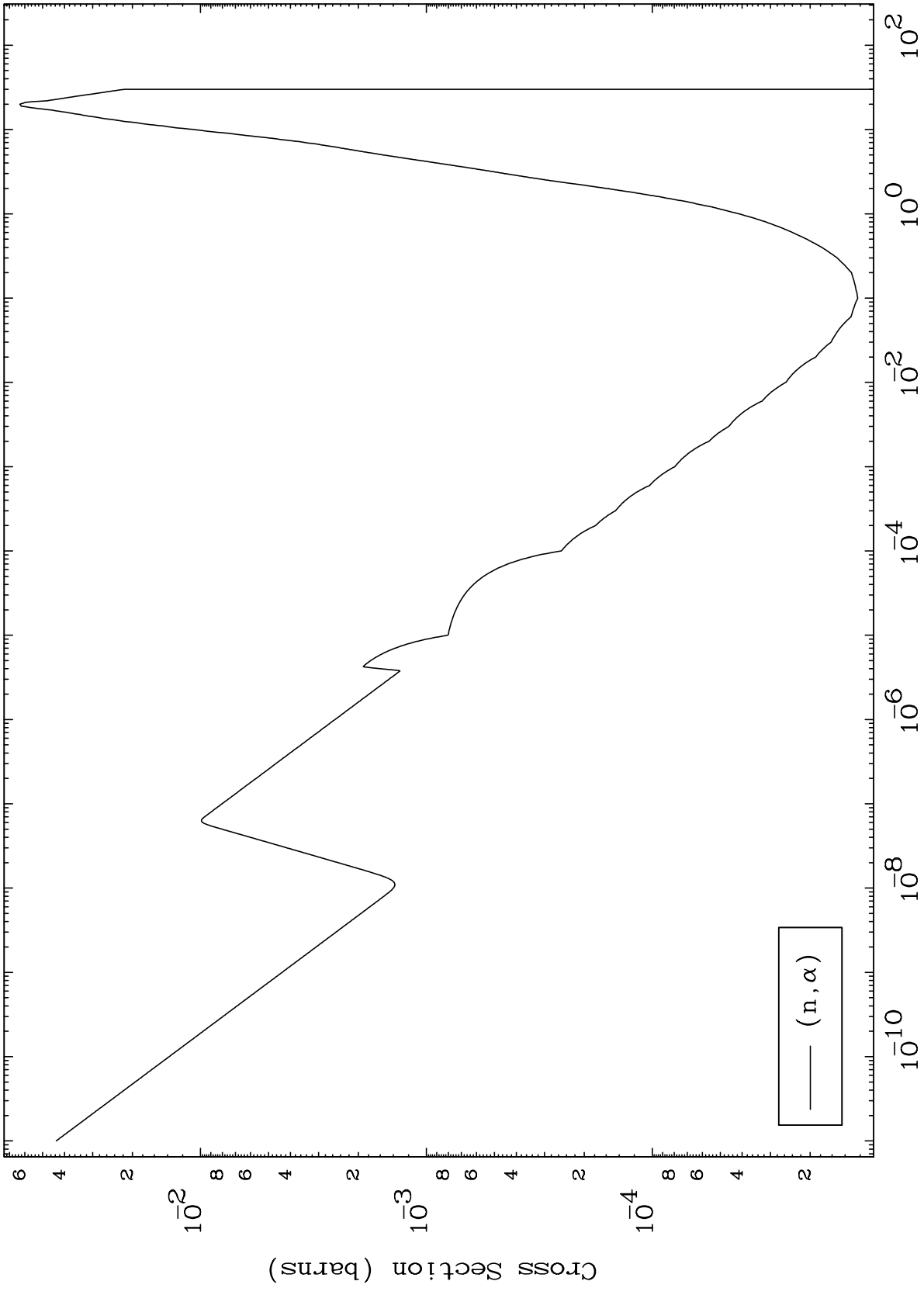
83-Bi-195



MAT 8283

(n,α) Levels
293 Kelvin Cross Sections

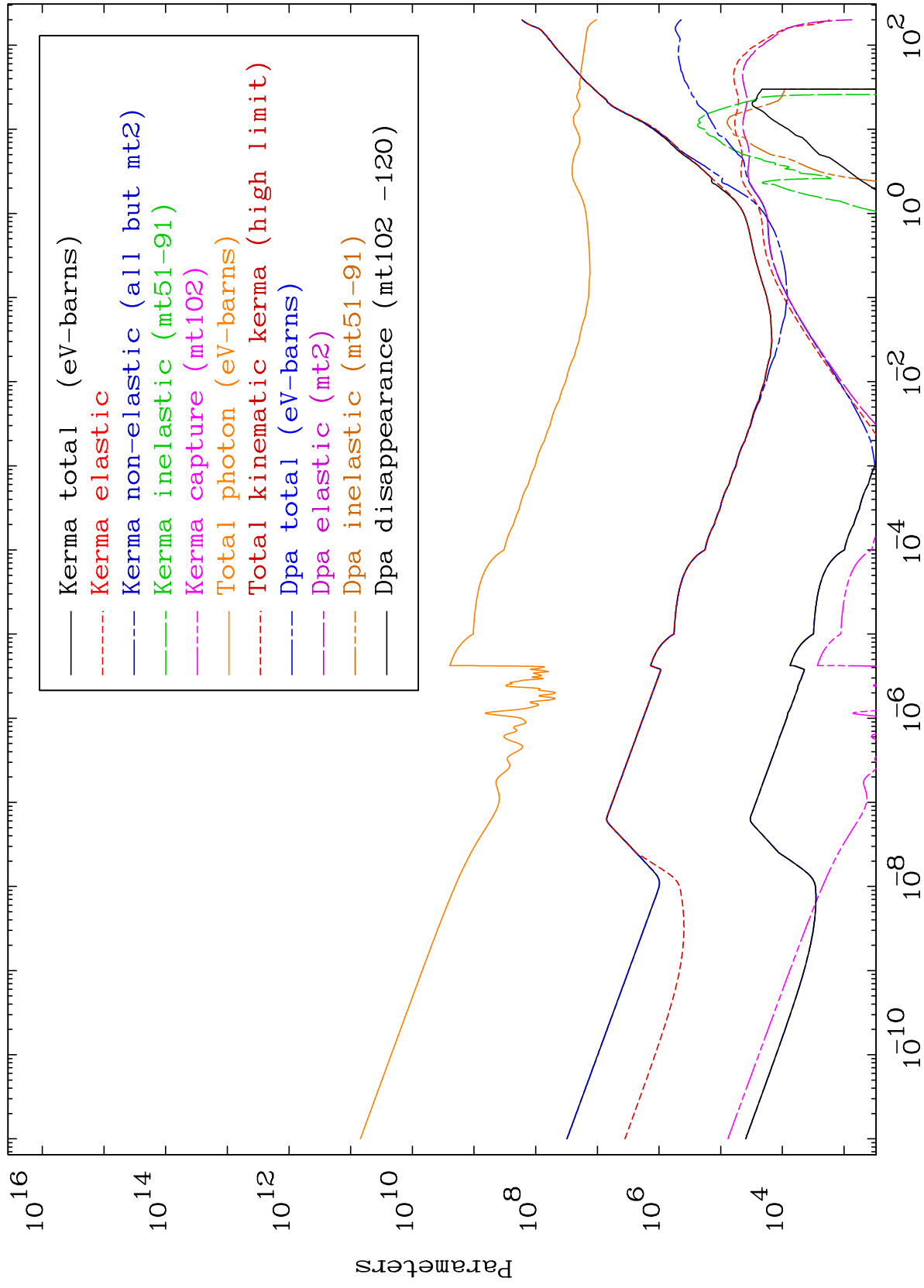
83-Bi-195



12

Incident Energy (MeV)

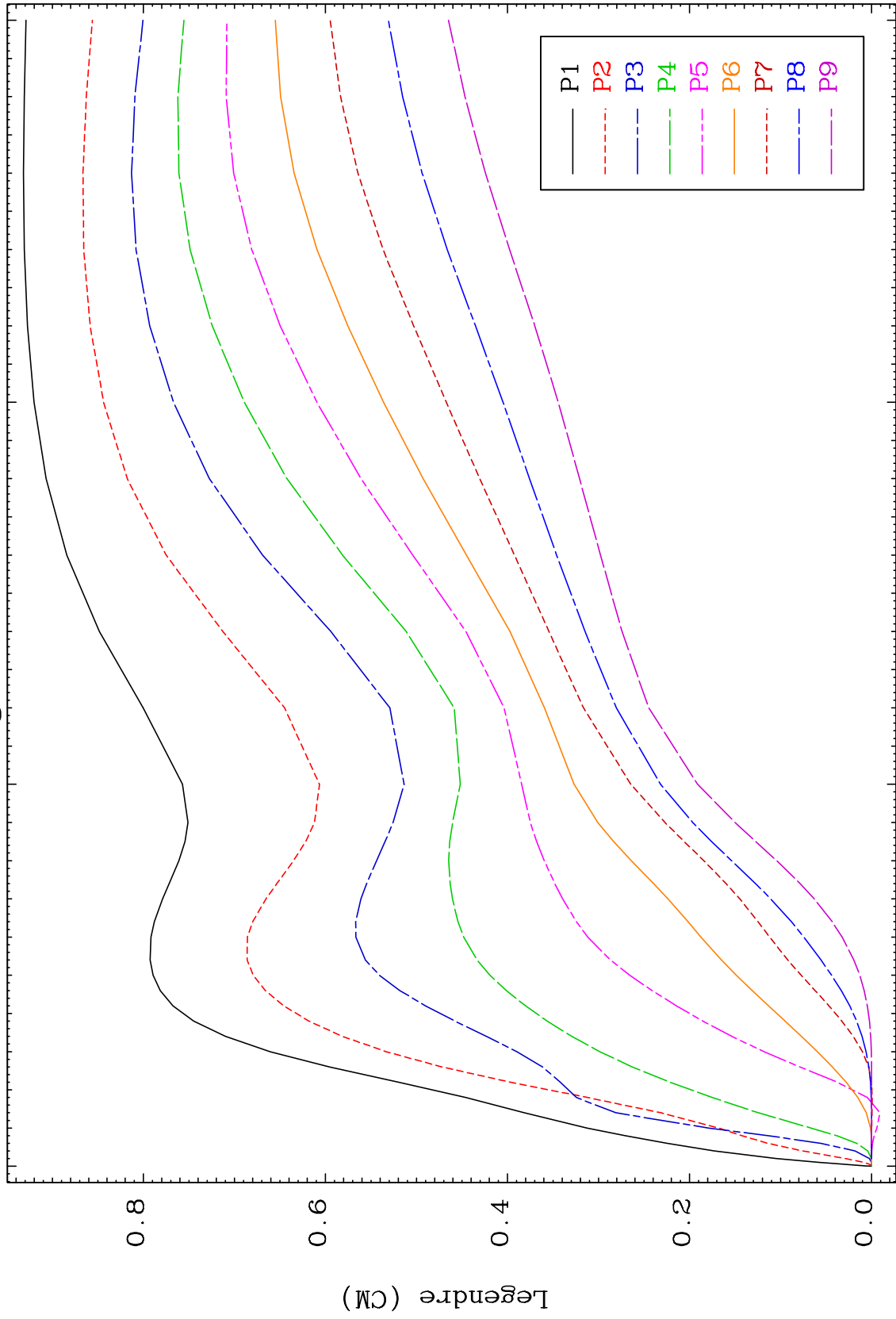
83-Bi-195



MAT 8283

Elastic Legendre Coefficients

$^{83}\text{Bi-195}$



14

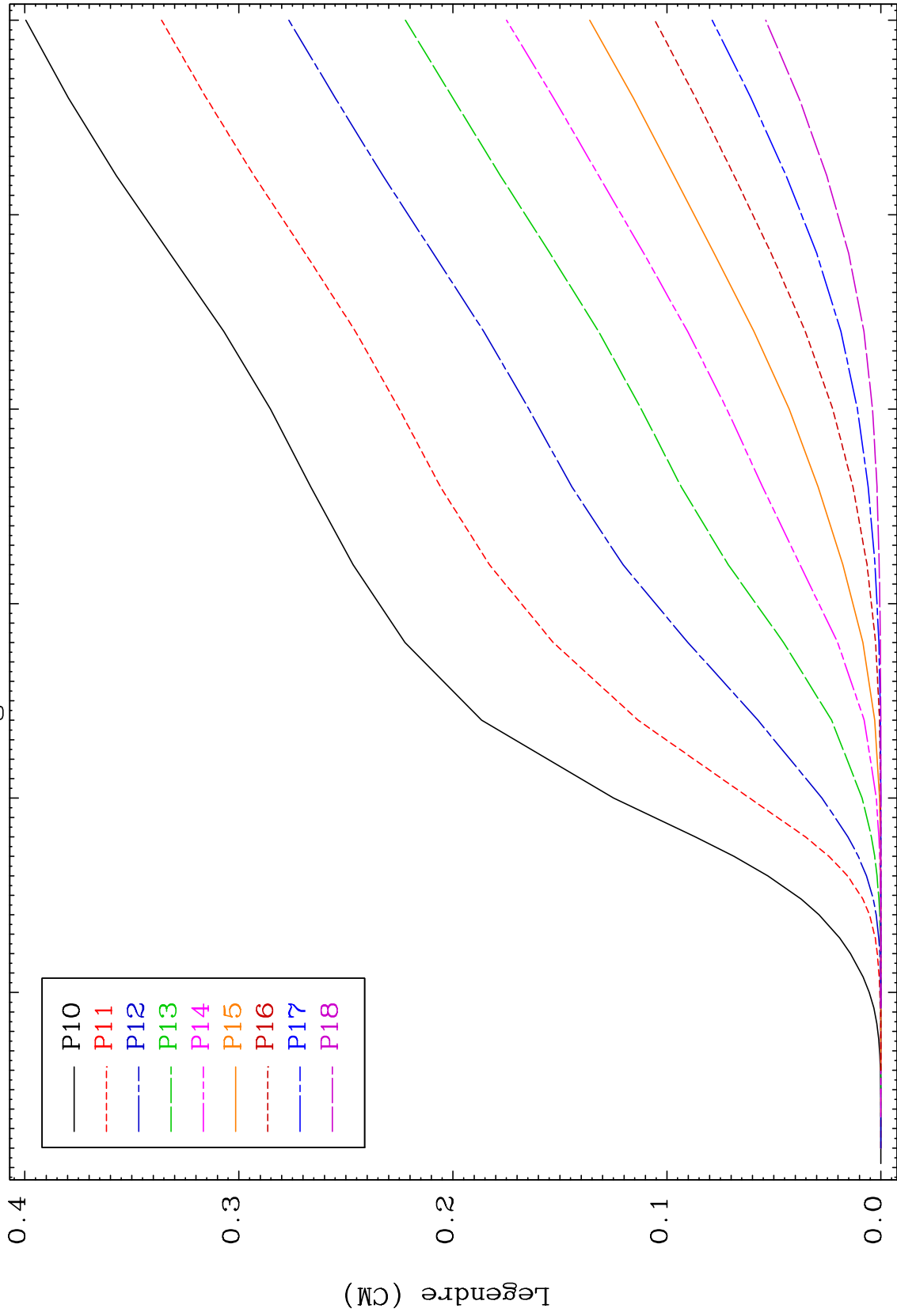
Incident Energy (MeV)

$^{83}\text{Bi-195}$

MAT 8283

Elastic Legendre Coefficients

83-Bi-195



15

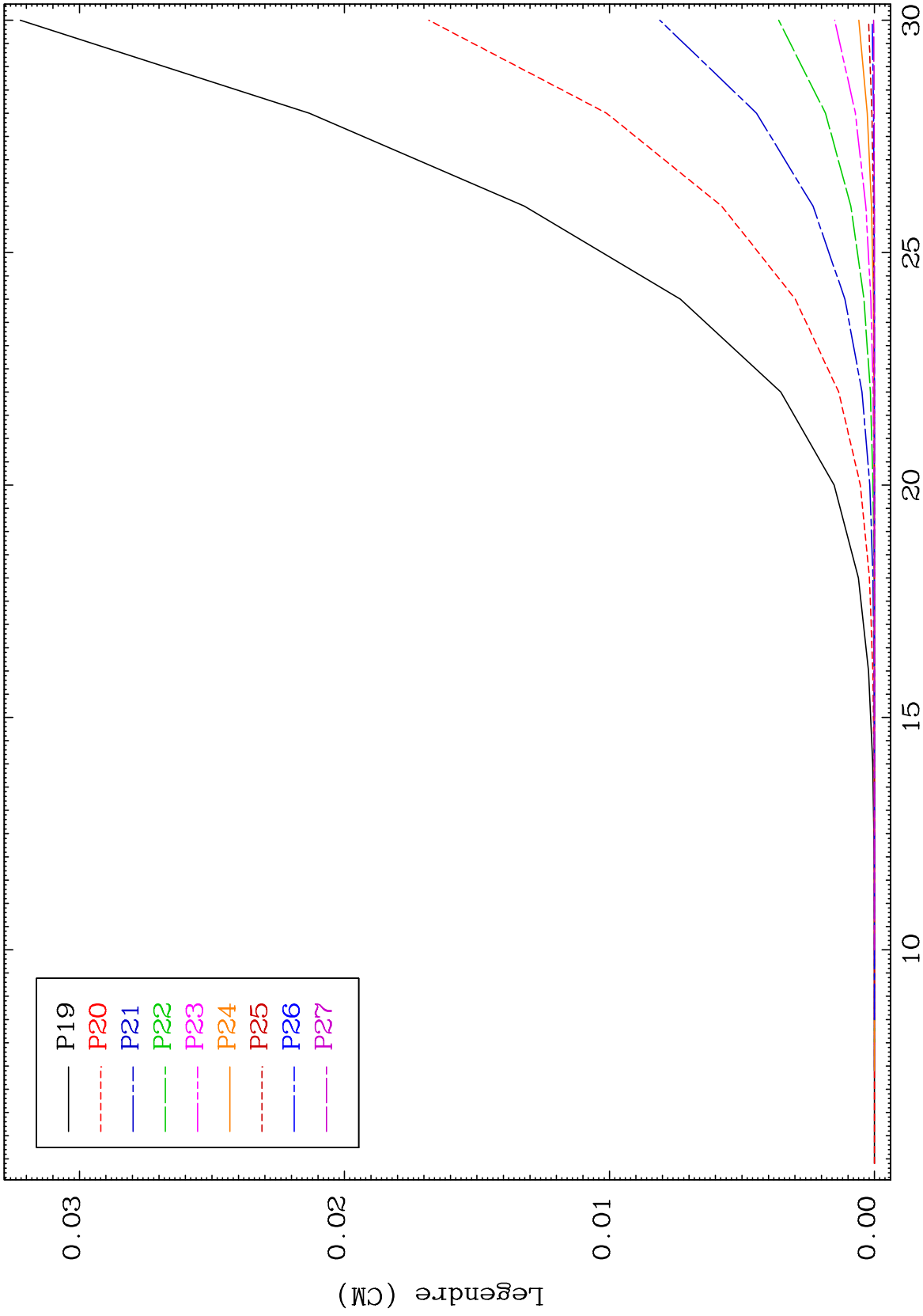
Incident Energy (MeV)

83-Bi-195

MAT 8283

Elastic Legendre Coefficients

83-Bi-195



16

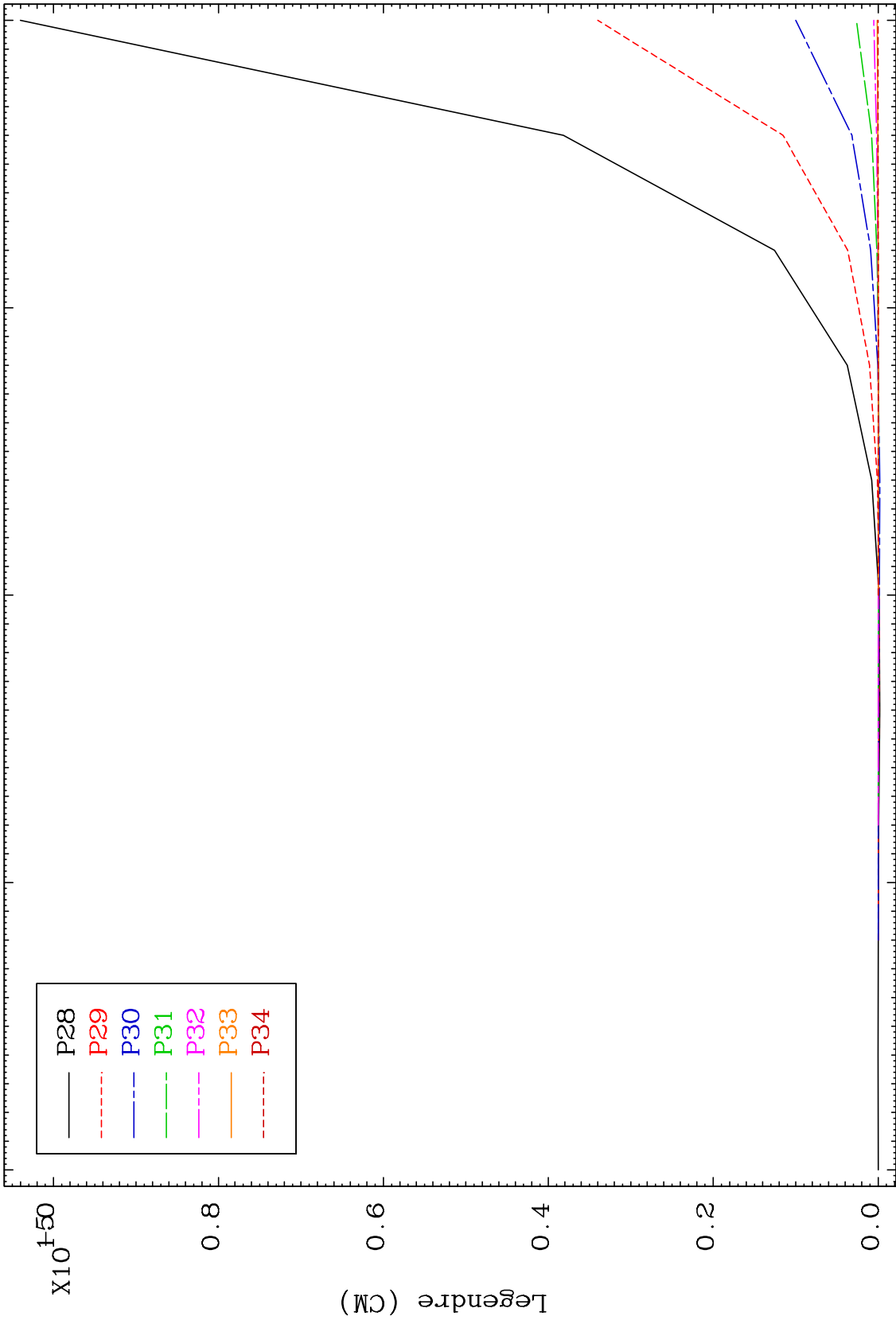
Incident Energy (MeV)

83-Bi-195

MAT 8283

Elastic Legendre Coefficients

83-Bi-195



17

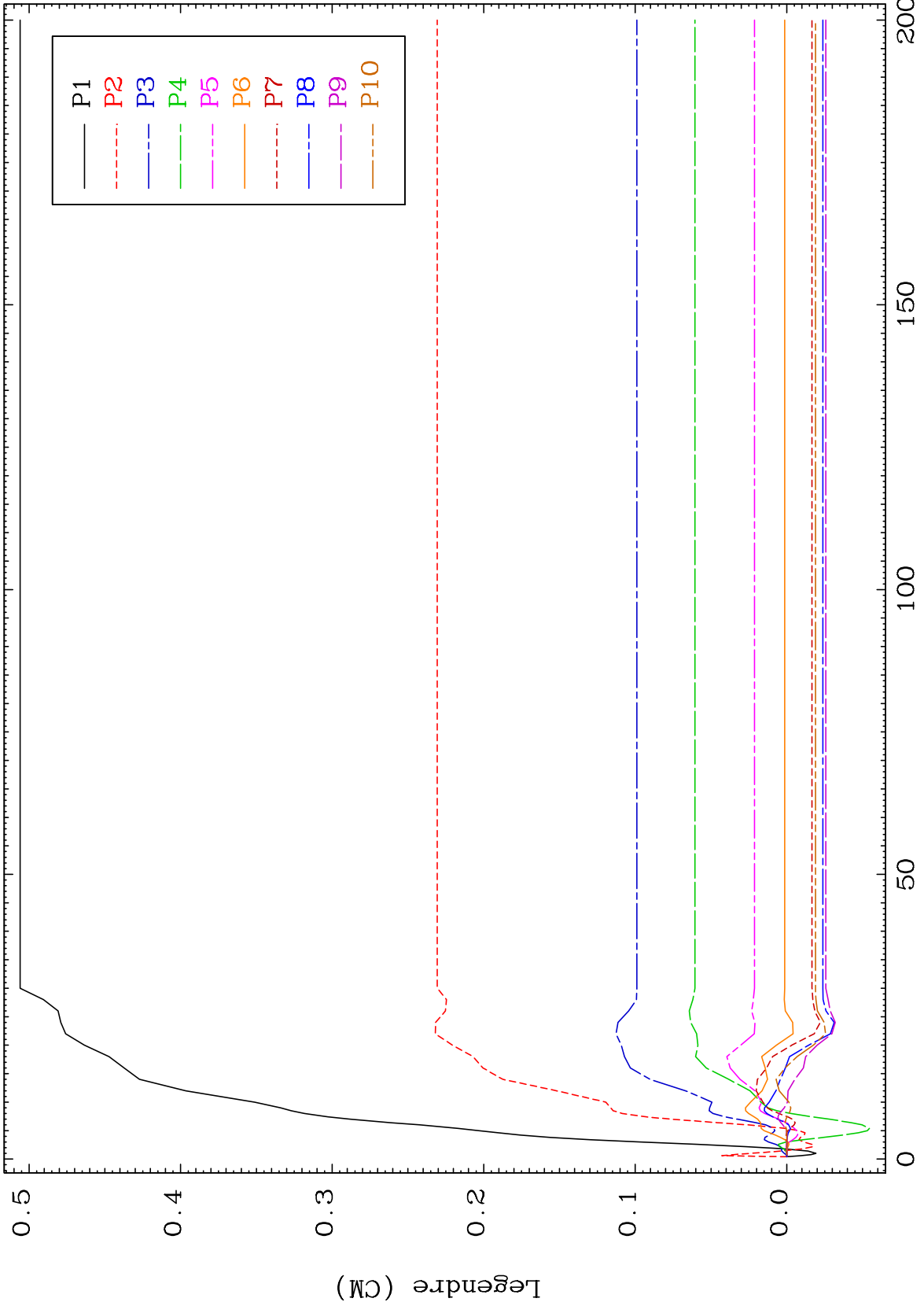
Incident Energy (MeV)

83-Bi-195

MAT 8283

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

83-Bi-195



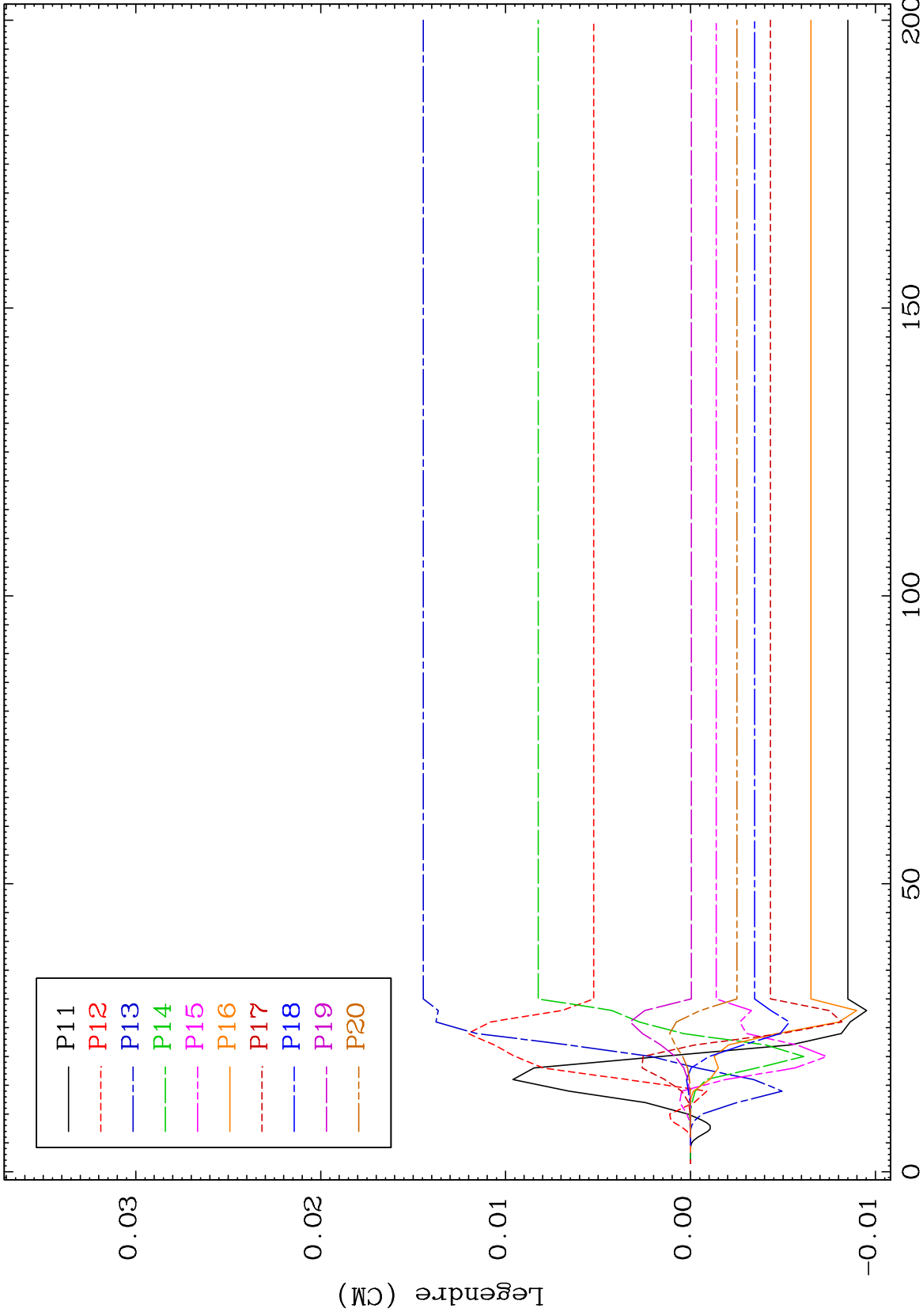
18

83-Bi-195

MAT 8283

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

83-Bi-195



19

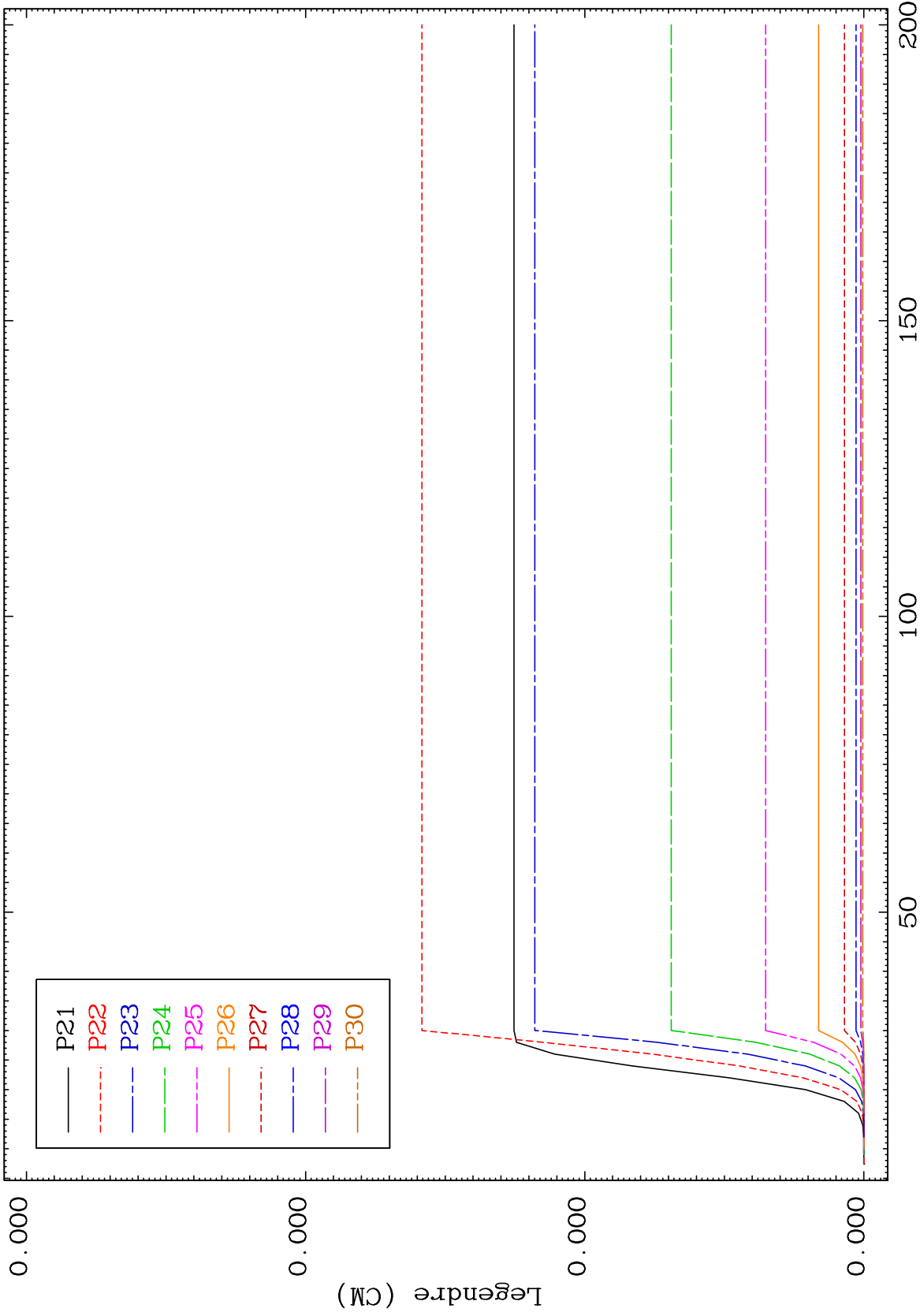
Incident Energy (MeV)

83-Bi-195

MAT 8283

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

83-Bi-195



20

Incident Energy (MeV)

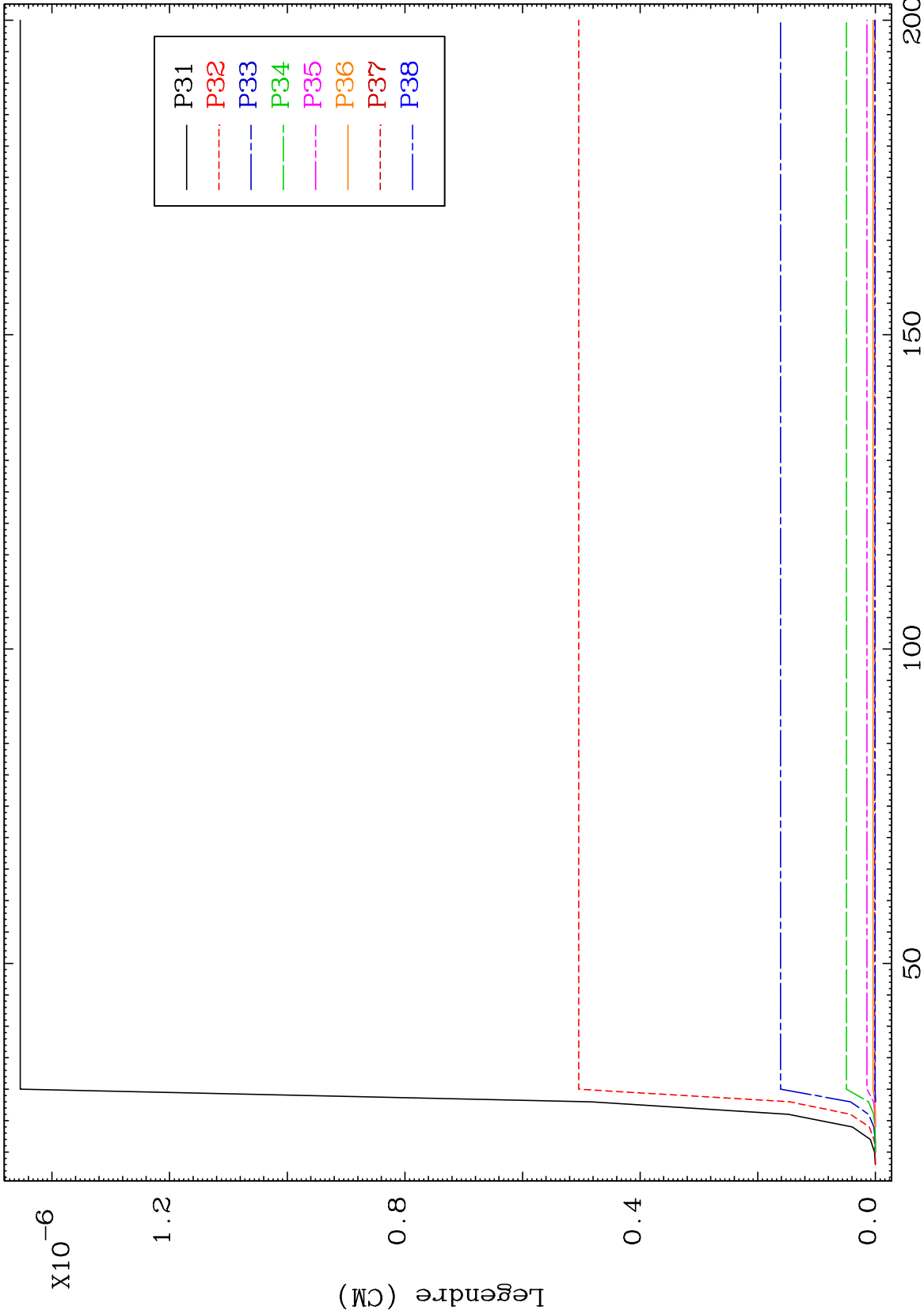
83-Bi-195

200

MAT 8283

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

83-Bi-195



21

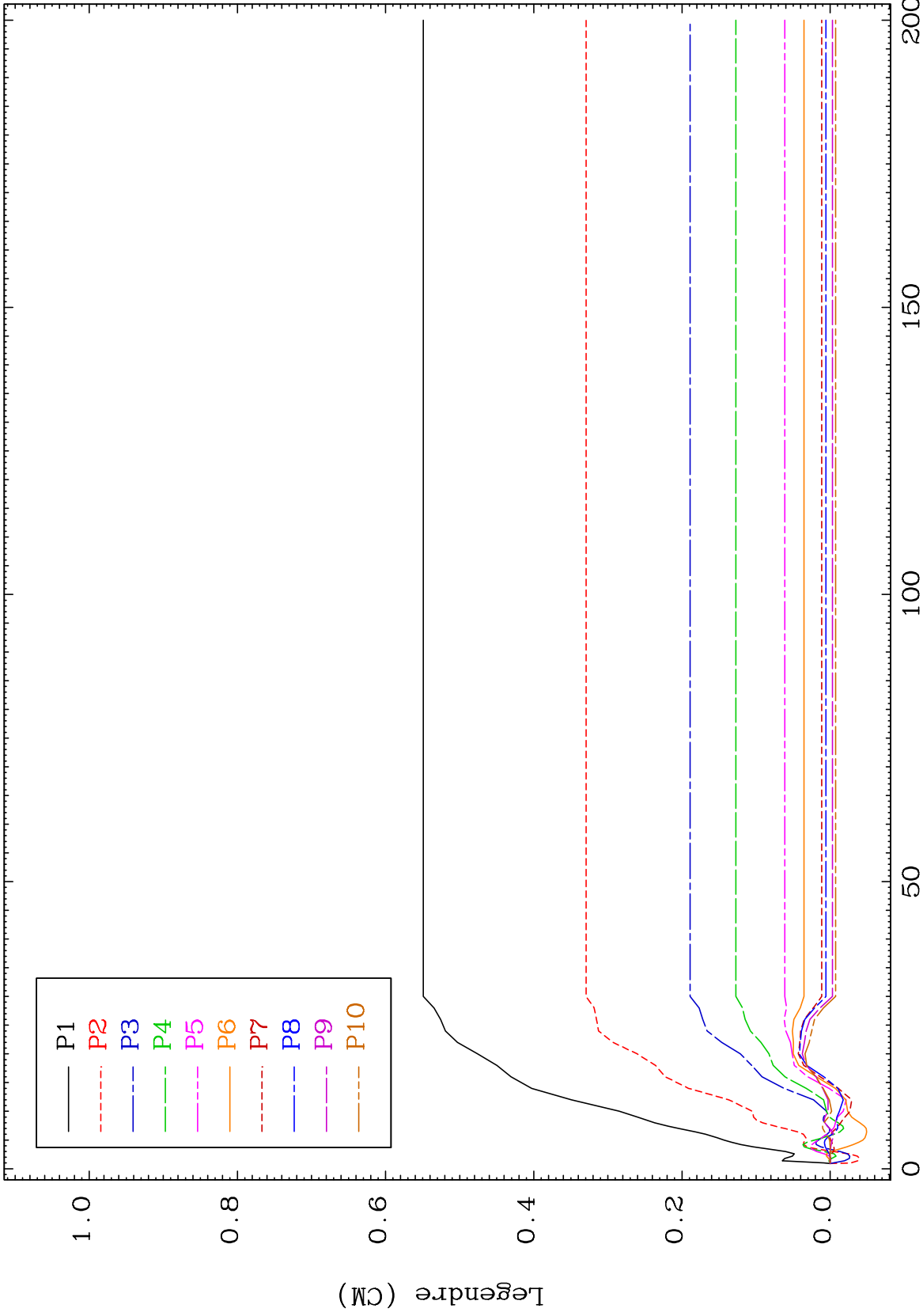
Incident Energy (MeV)

83-Bi-195

MAT 8283

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

83-Bi-195



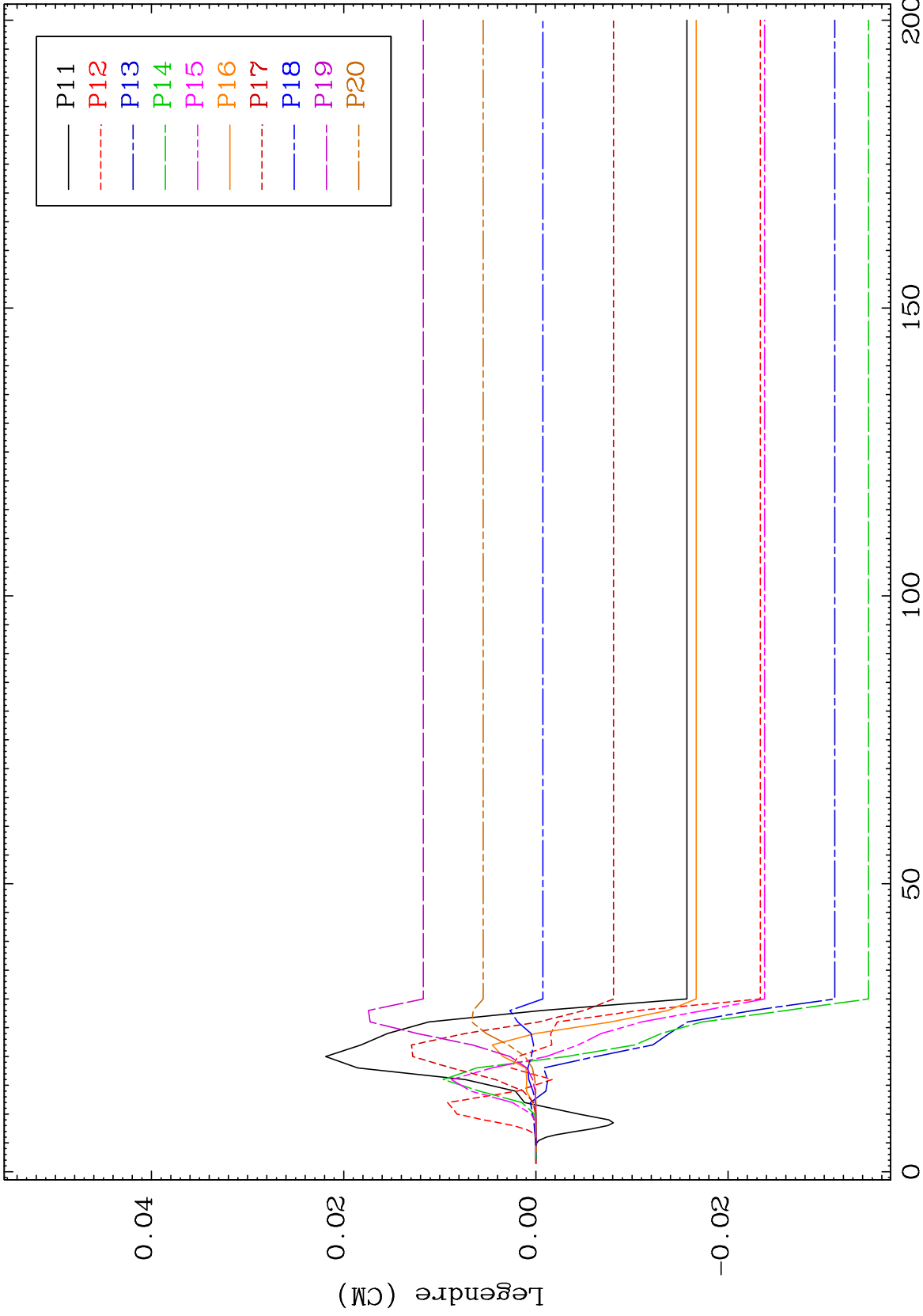
22

83-Bi-195

MAT 8283

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

83-Bi-195



23

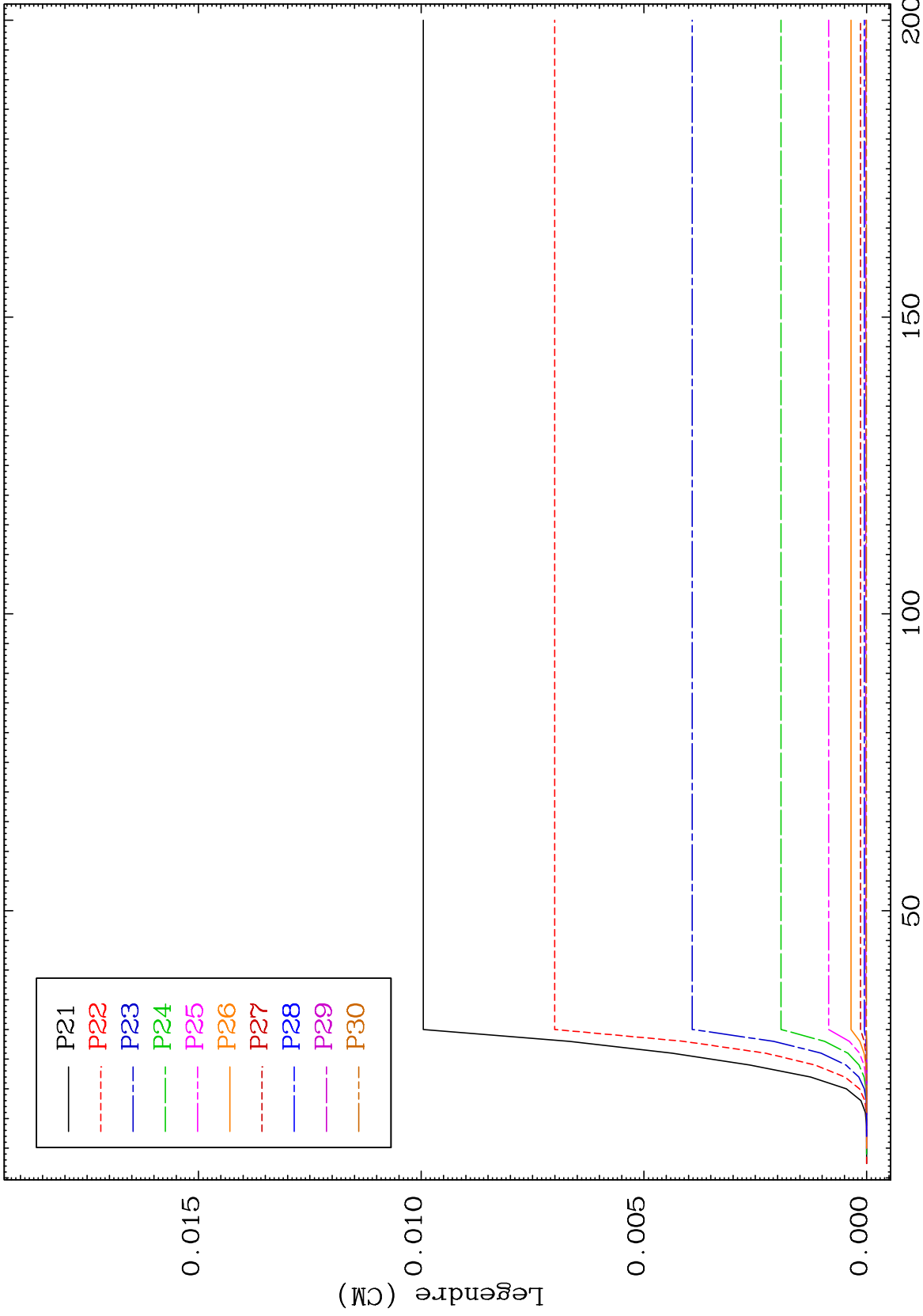
Incident Energy (MeV)

83-Bi-195

MAT 8283

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

83-Bi-195



24

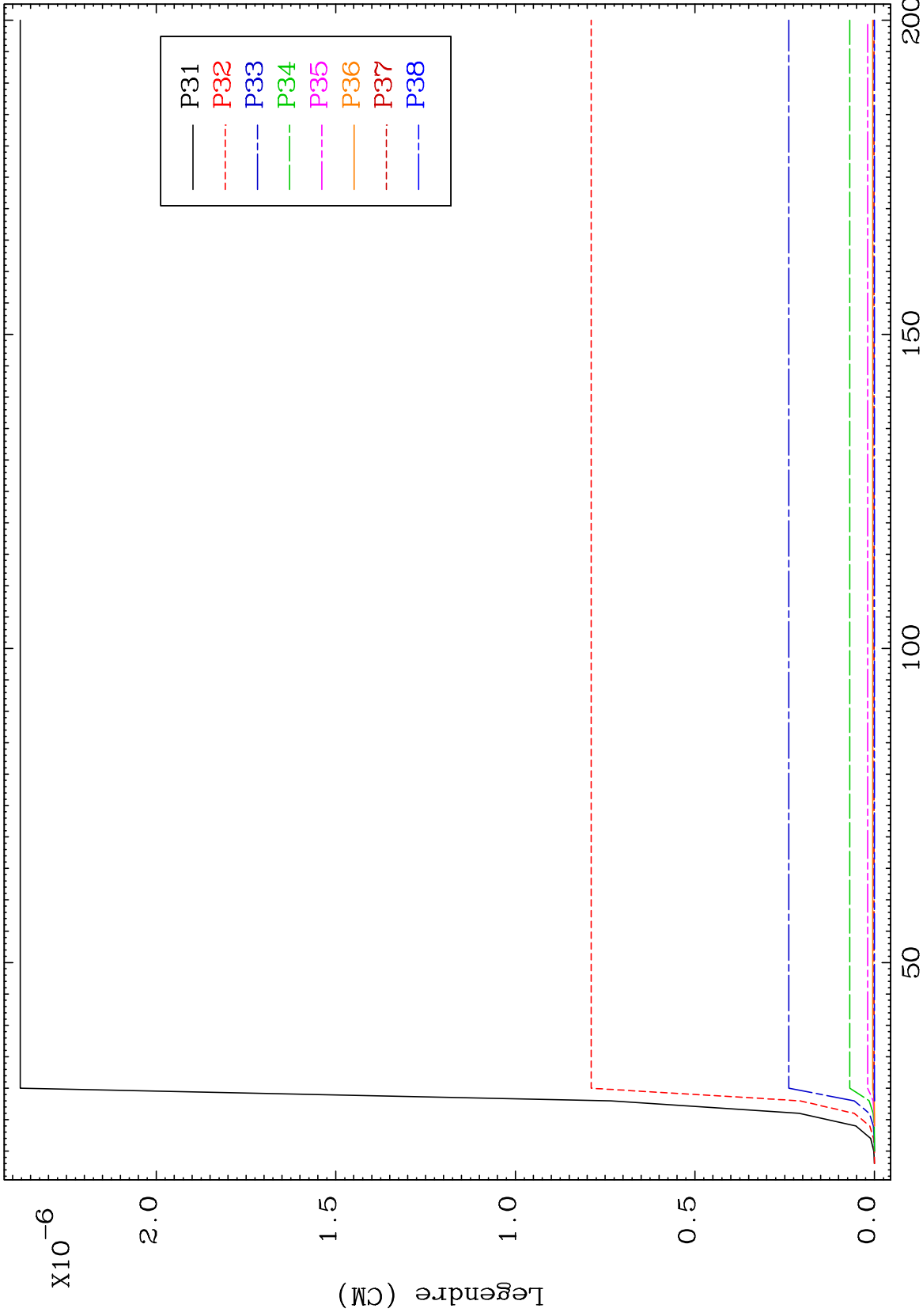
Incident Energy (MeV)

83-Bi-195

MAT 8283

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

83-Bi-195



25

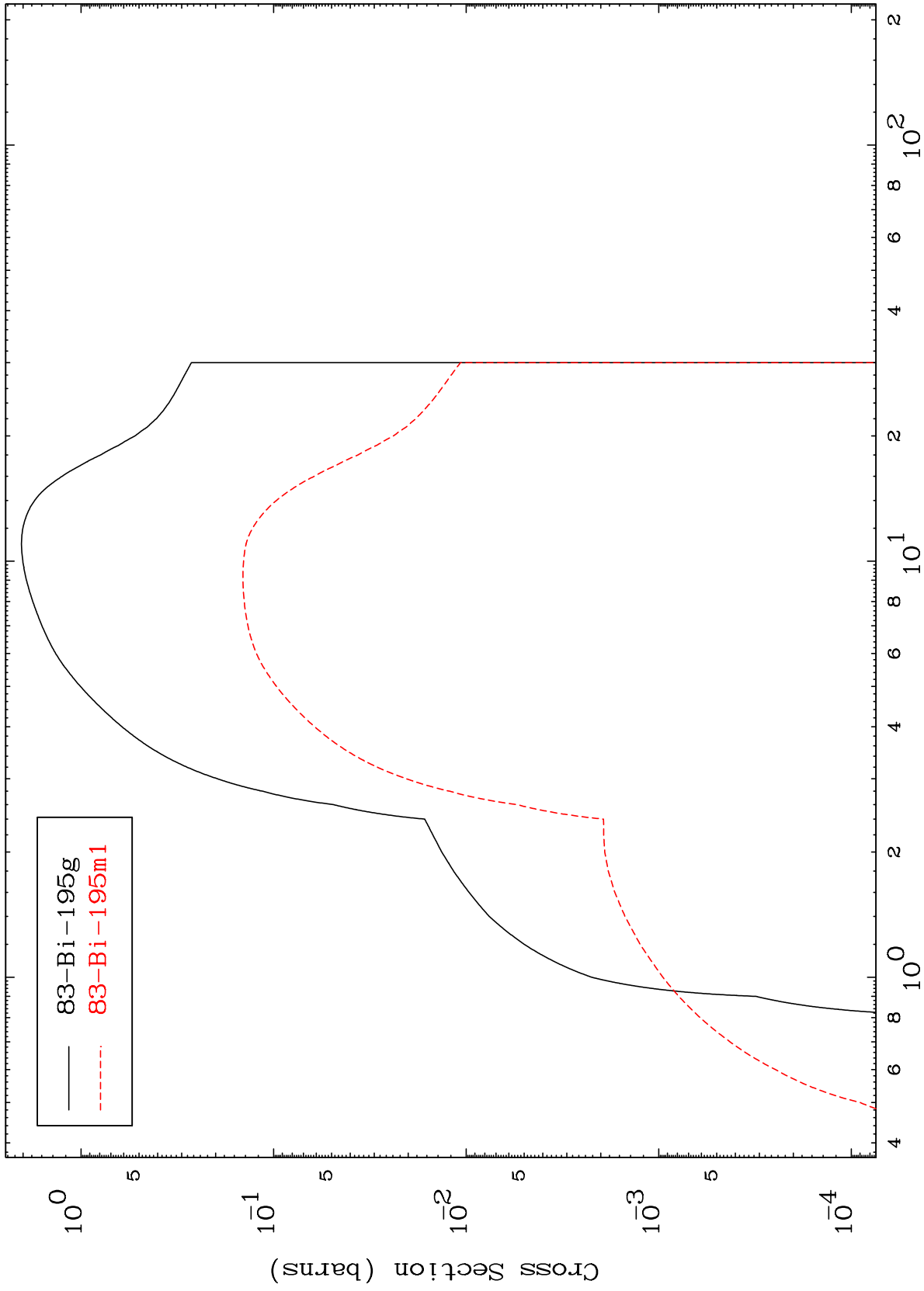
Incident Energy (MeV)

83-Bi-195

MAT 8283

83-Bi-195

Inelastic Radionuclide Production Cross Section



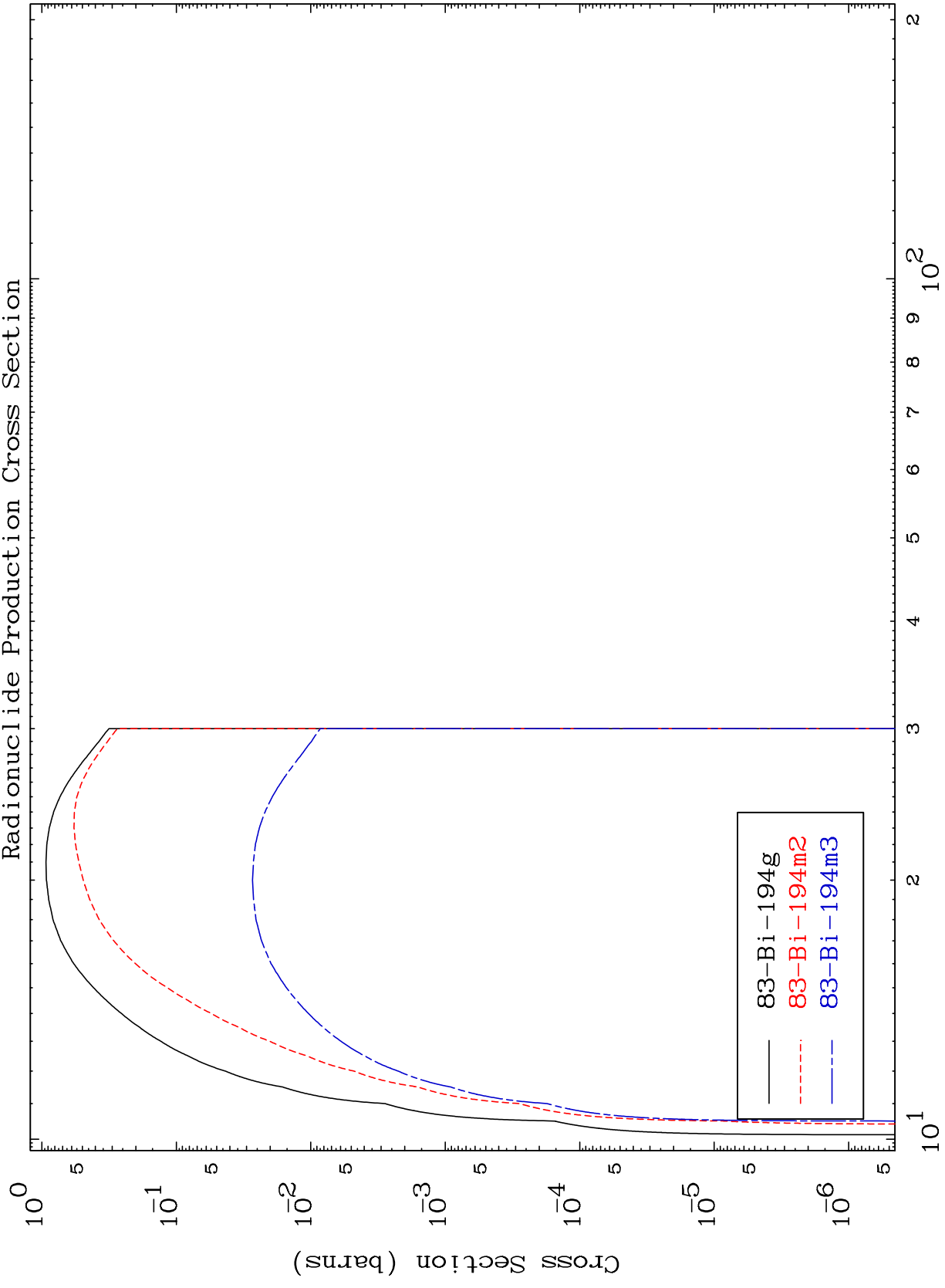
26

83-Bi-195

MAT 8283

83-Bi-195

Radionuclide Production Cross Section



27

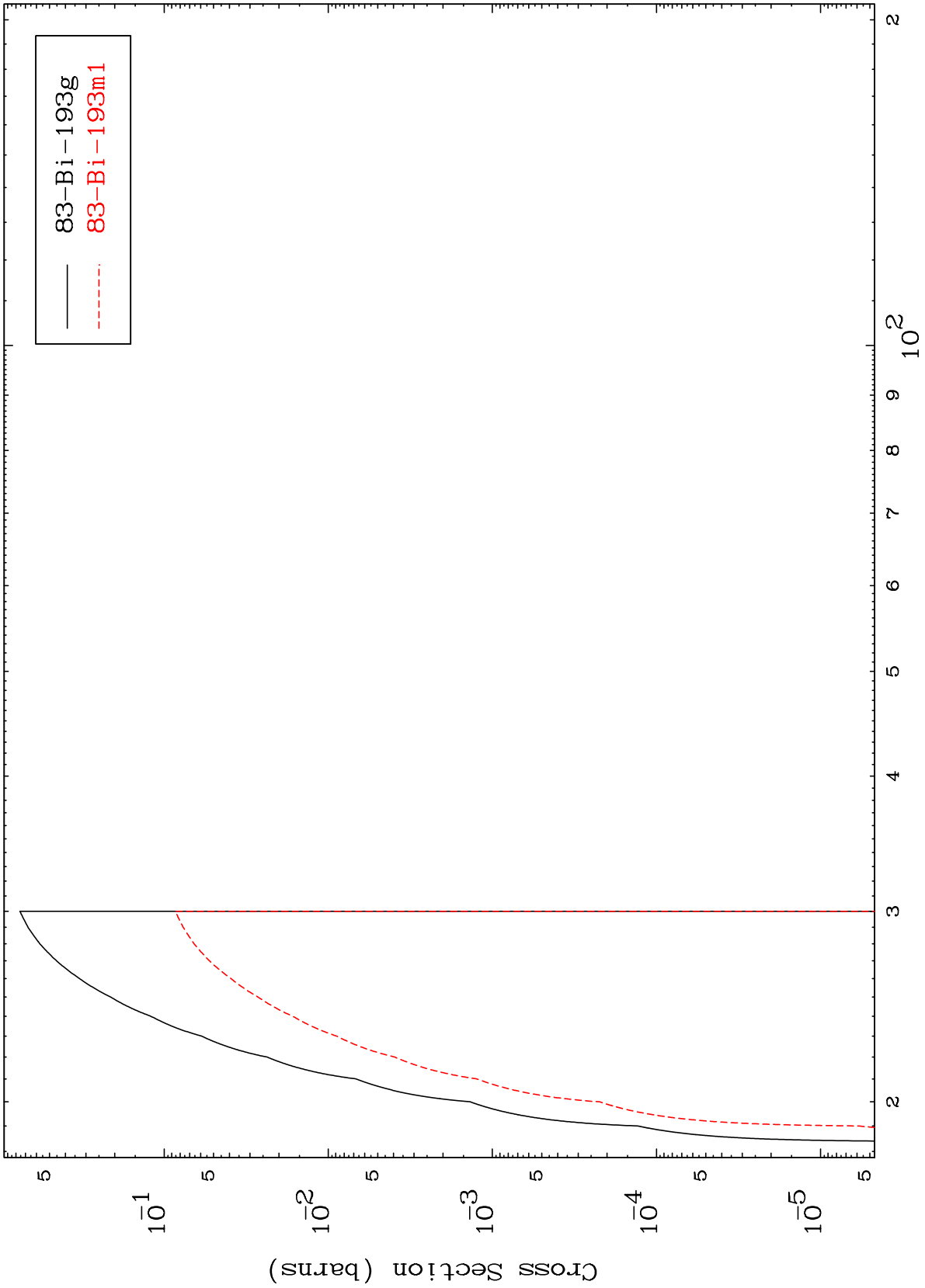
83-Bi-195

MAT 8283

(n,3n)

83-Bi-195

Radionuclide Production Cross Section



28

Incident Energy (MeV)

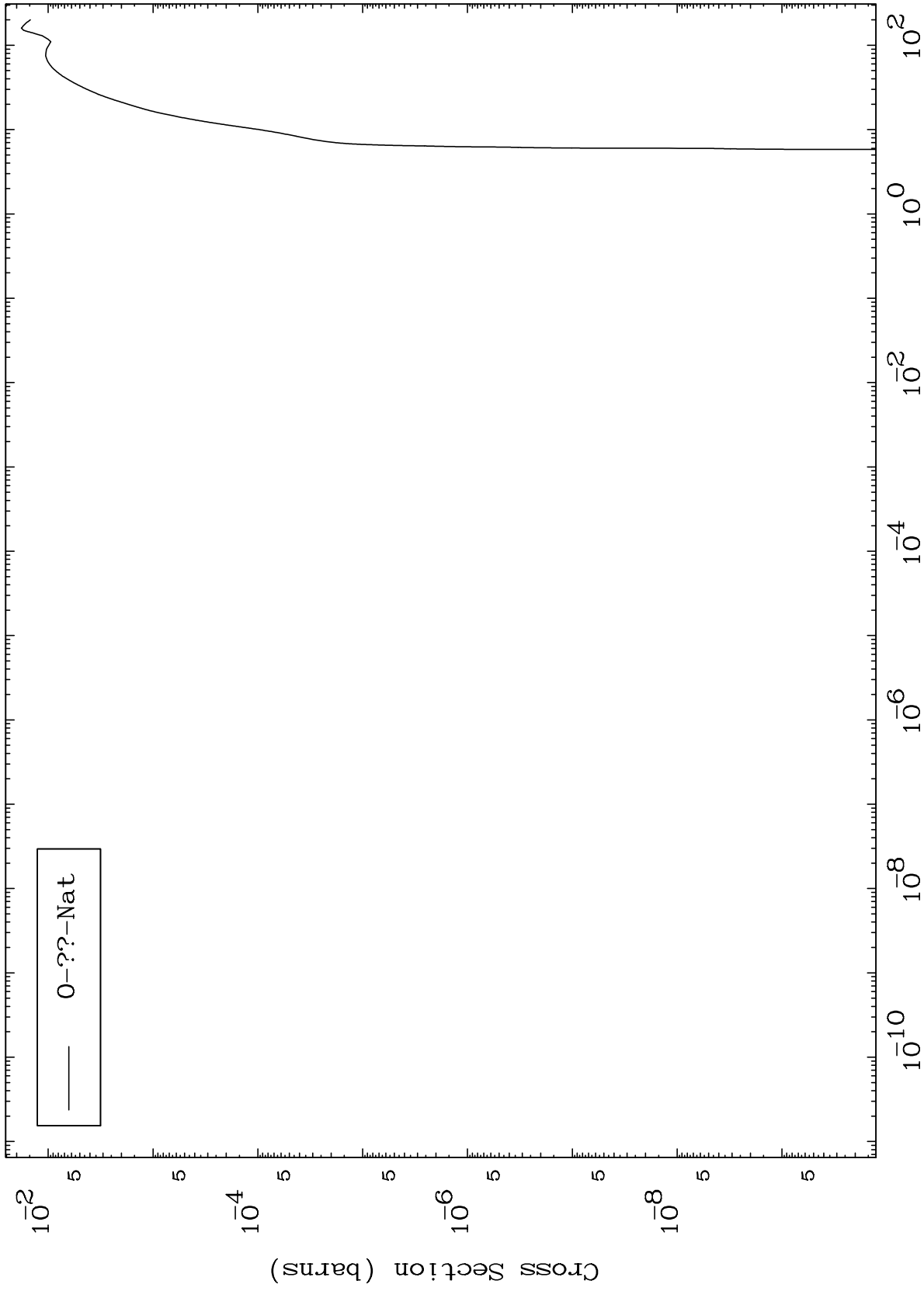
83-Bi-195

MAT 8283

Fission

83-Bi-195

Radionuclide Production Cross Section



29

Incident Energy (MeV)

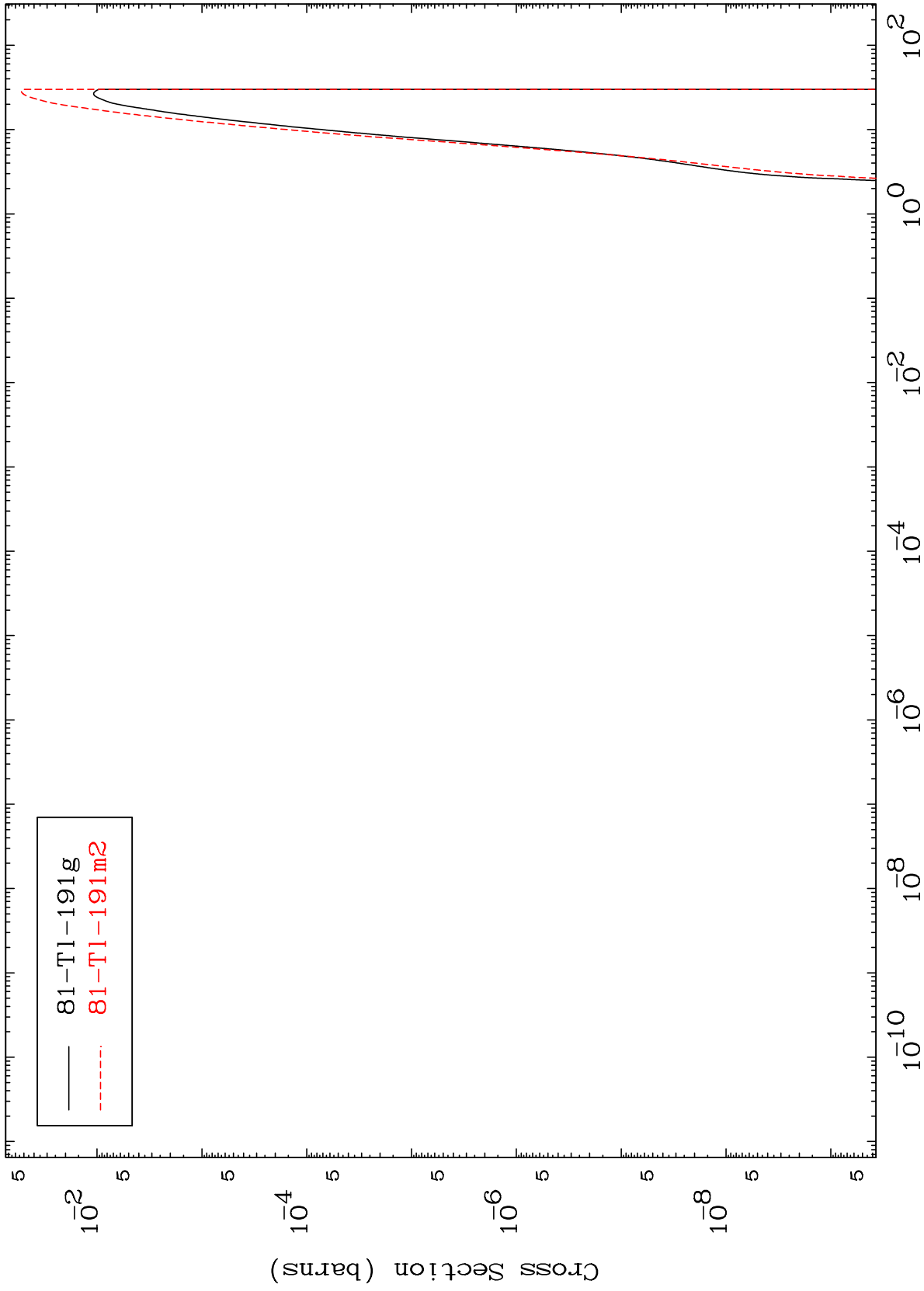
83-Bi-195

MAT 8283

(n,n') α

83-Bi-195

Radionuclide Production Cross Section

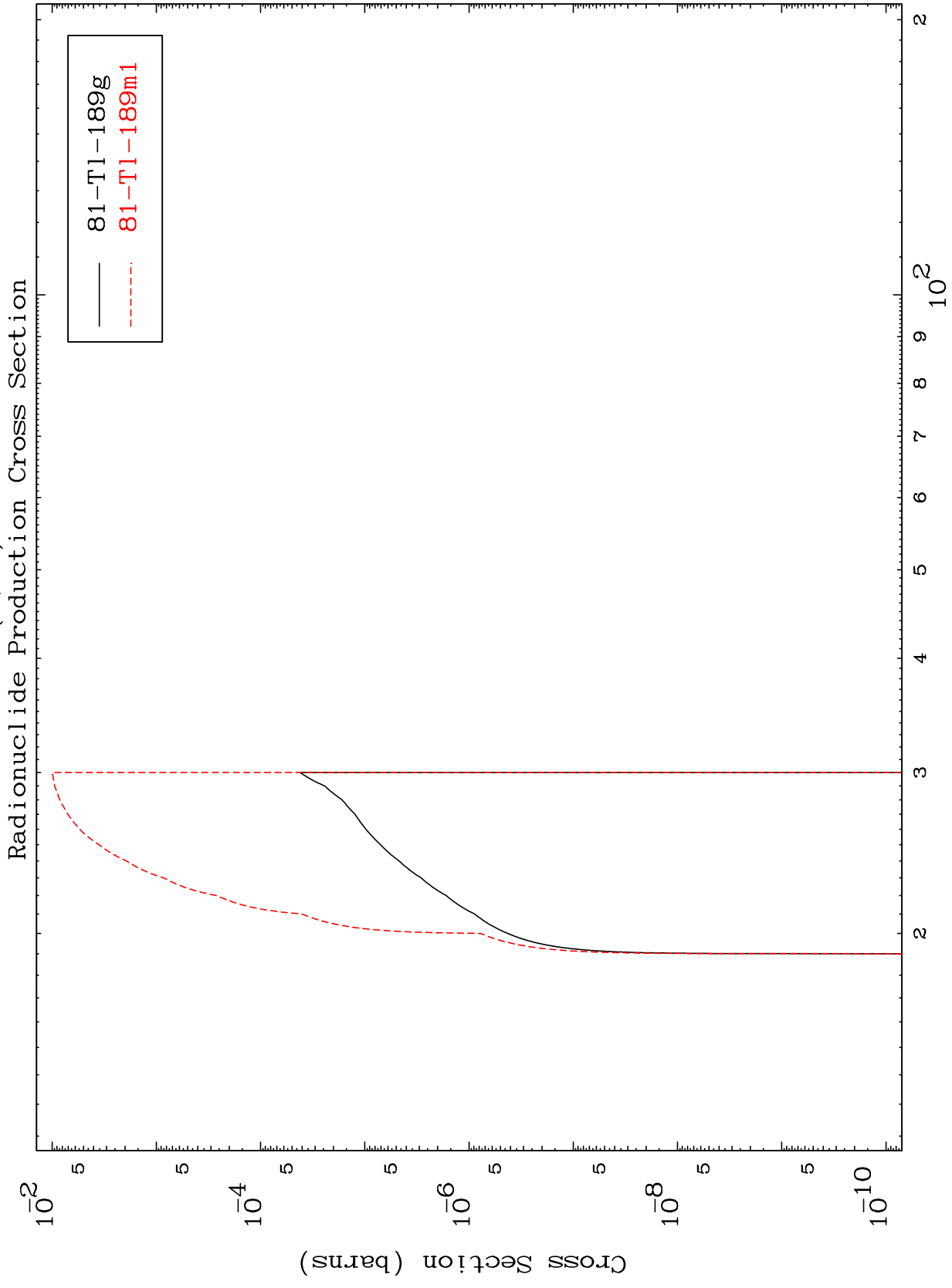


81-Tl-191g
81-Tl-191m2

MAT 8283

(n,3n) α

83-Bi-195



31

Incident Energy (MeV)

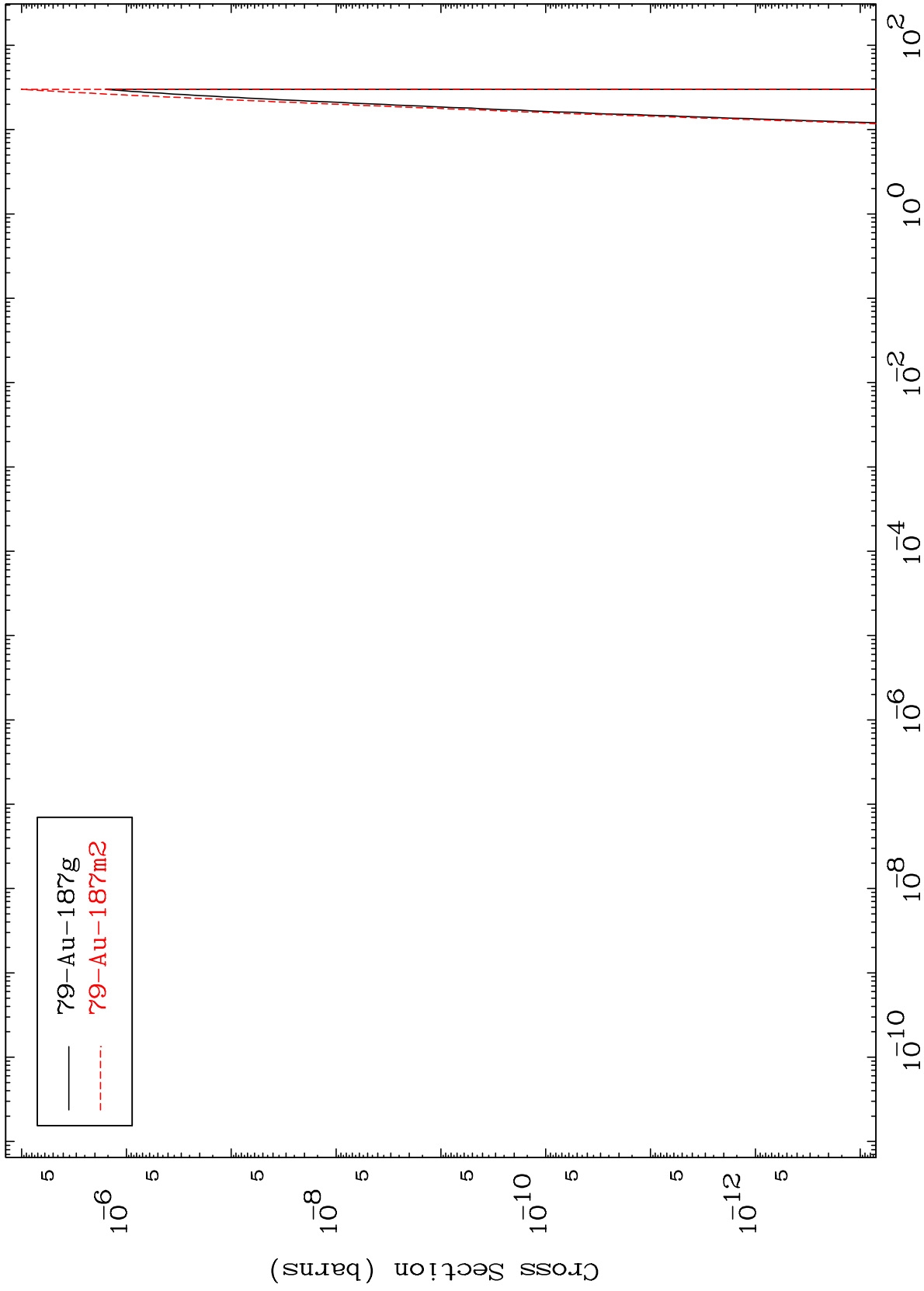
83-Bi-195

MAT 8283

(n,n') 2 α

83-Bi-195

Radionuclide Production Cross Section



32

Incident Energy (MeV)

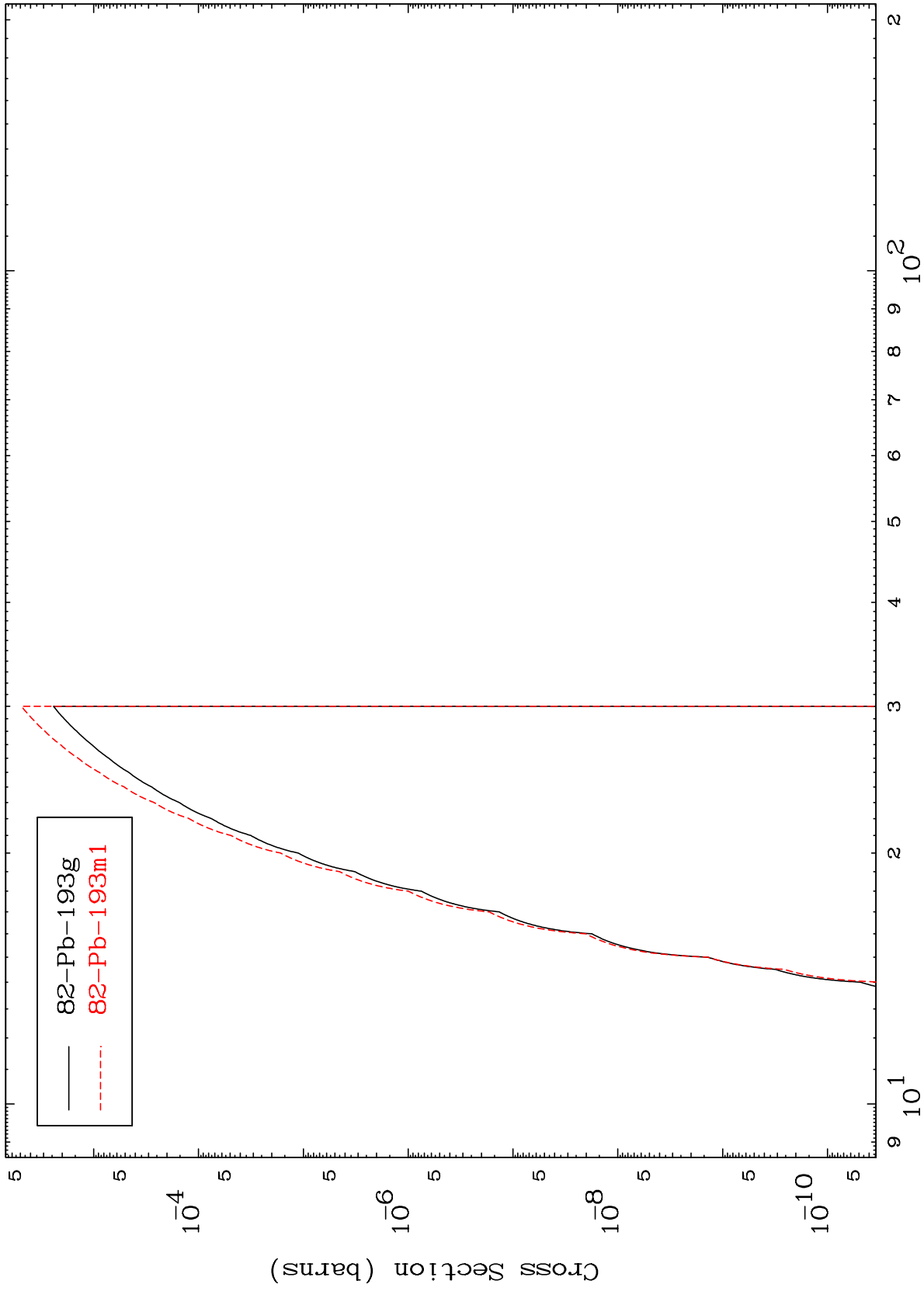
83-Bi-195

MAT 8283

(n,n') d

83-Bi-195

Radionuclide Production Cross Section



82-Pb-193g
82-Pb-193m1

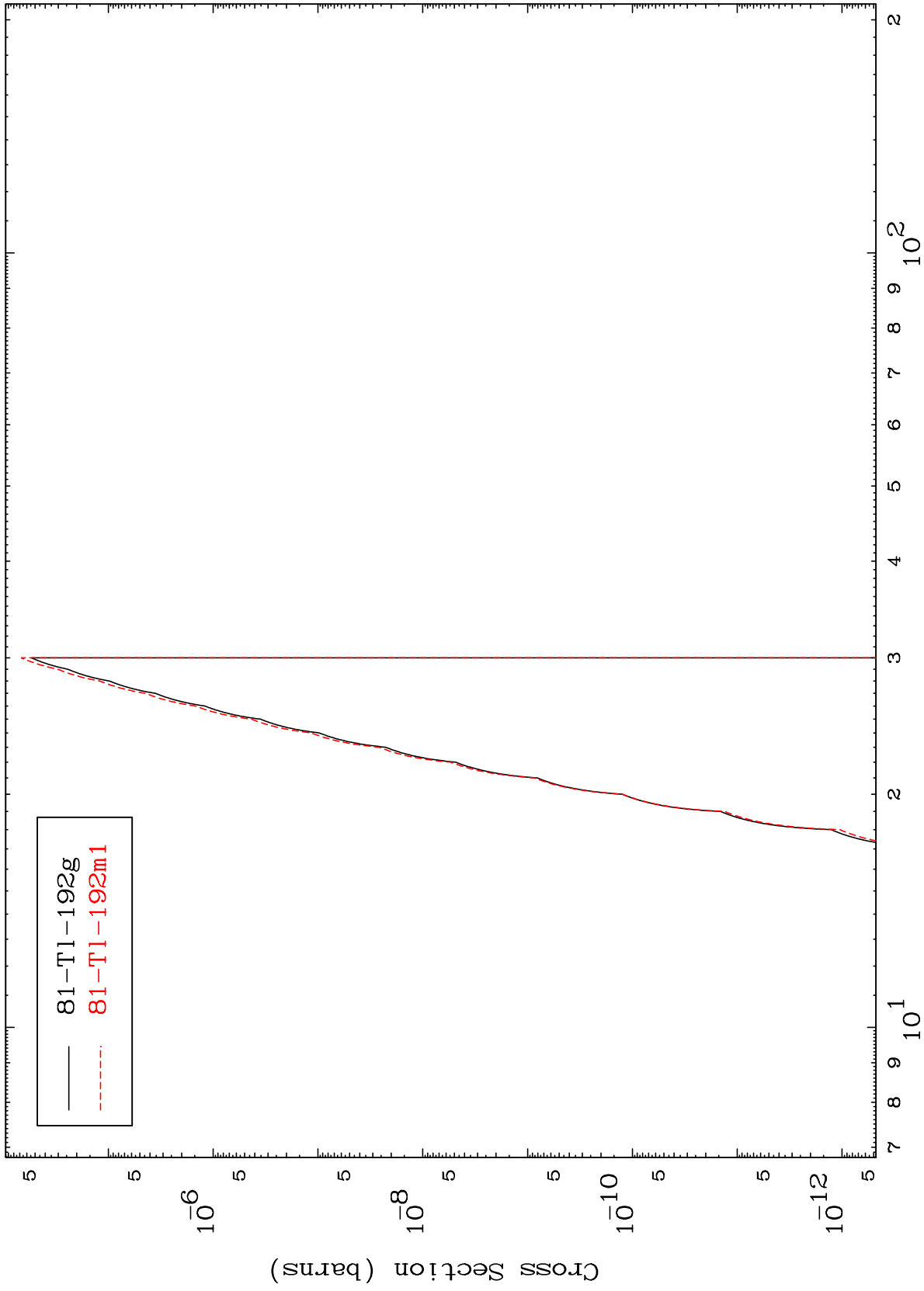
33

MAT 8283

(n, n') He-3

83-Bi-195

Radionuclide Production Cross Section



34

Incident Energy (MeV)

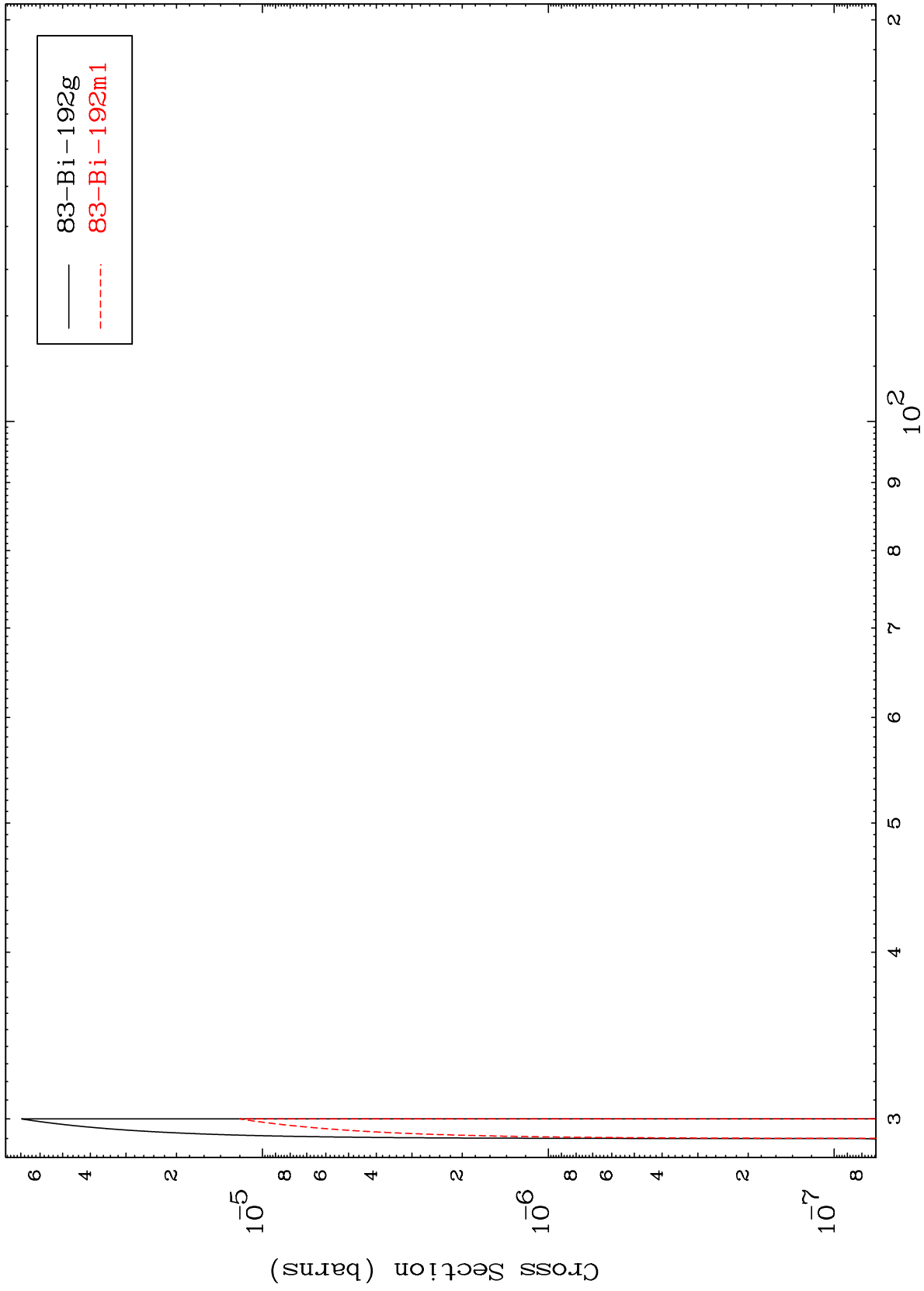
83-Bi-195

MAT 8283

(n,4n)

83-Bi-195

Radionuclide Production Cross Section



35

Incident Energy (MeV)

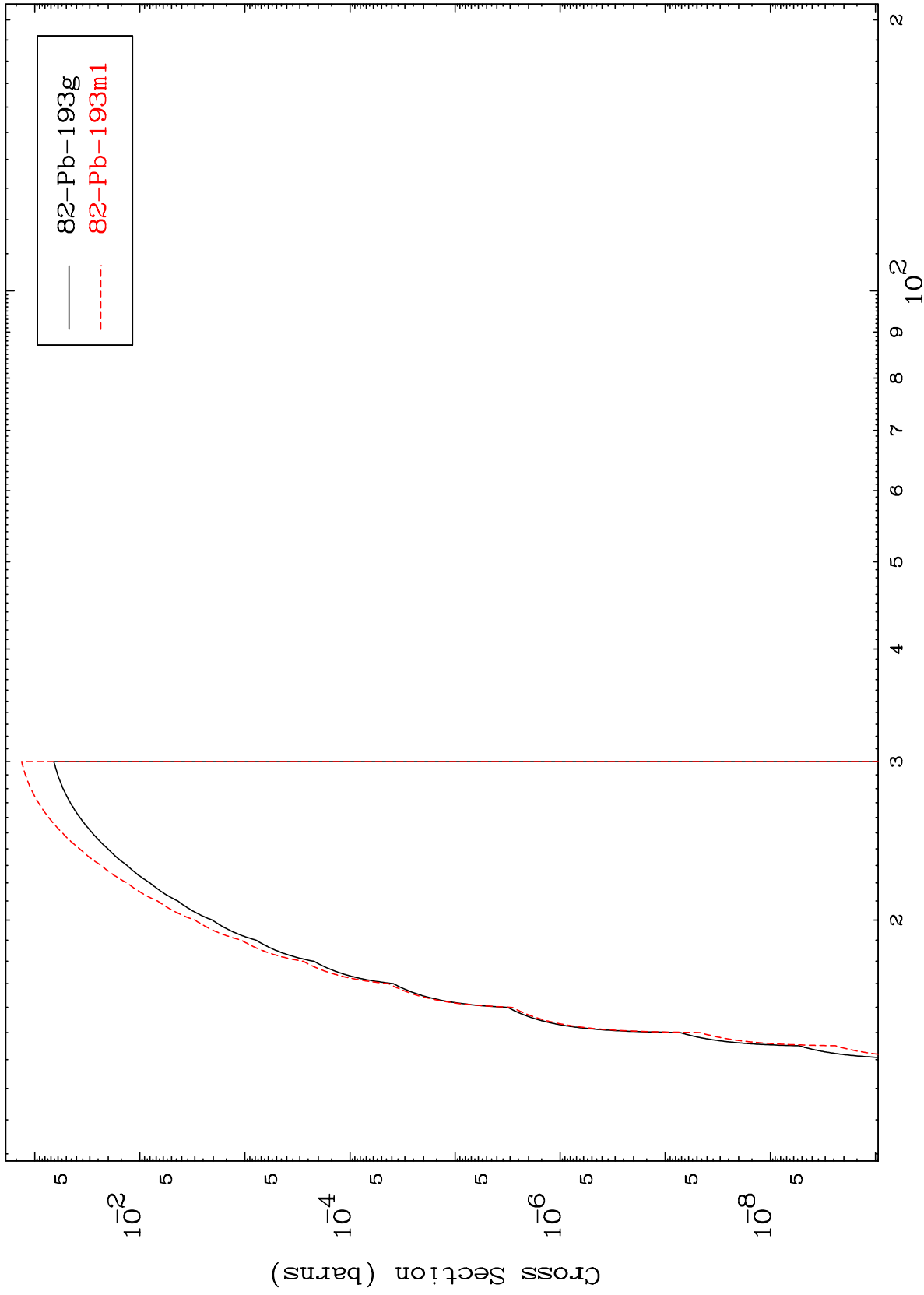
83-Bi-195

MAT 8283

(n,2n) p

83-Bi-195

Radionuclide Production Cross Section



36

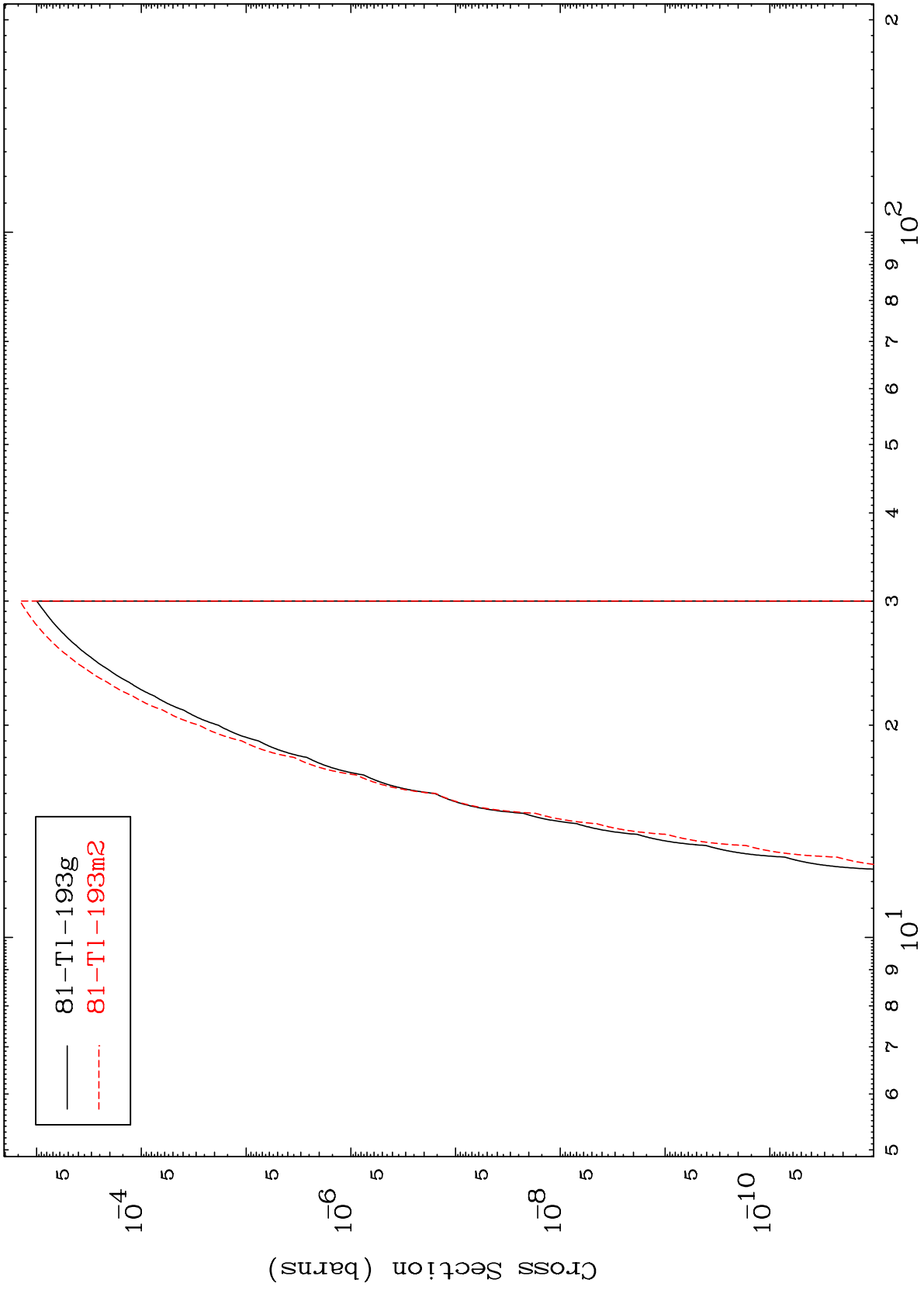
Incident Energy (MeV)

83-Bi-195

MAT 8283

83-Bi-195

(n,2n) p
Radionuclide Production Cross Section



37

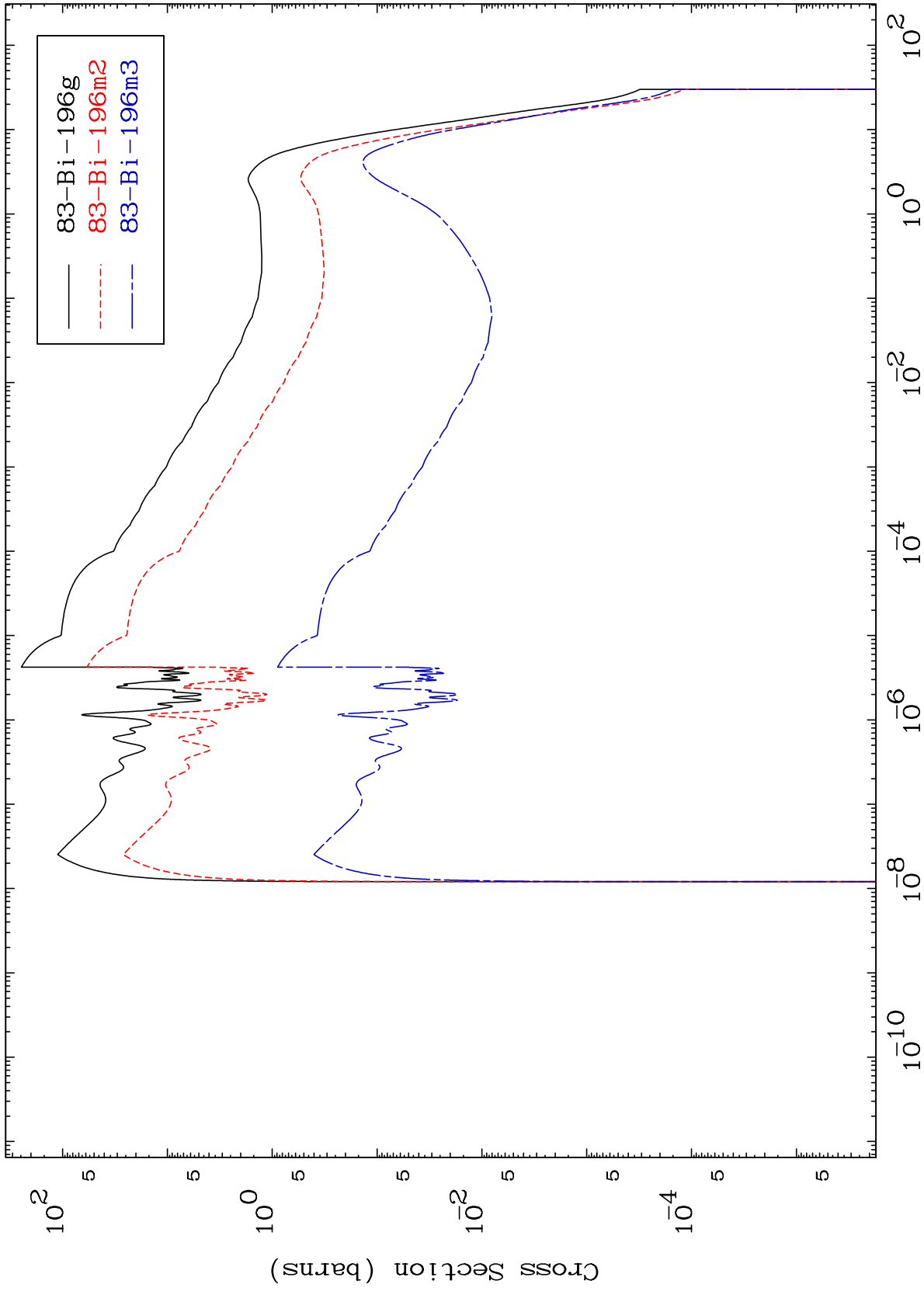
Incident Energy (MeV)

83-Bi-195

MAT 8283

83-Bi-195

(n,γ)
Radionuclide Production Cross Section



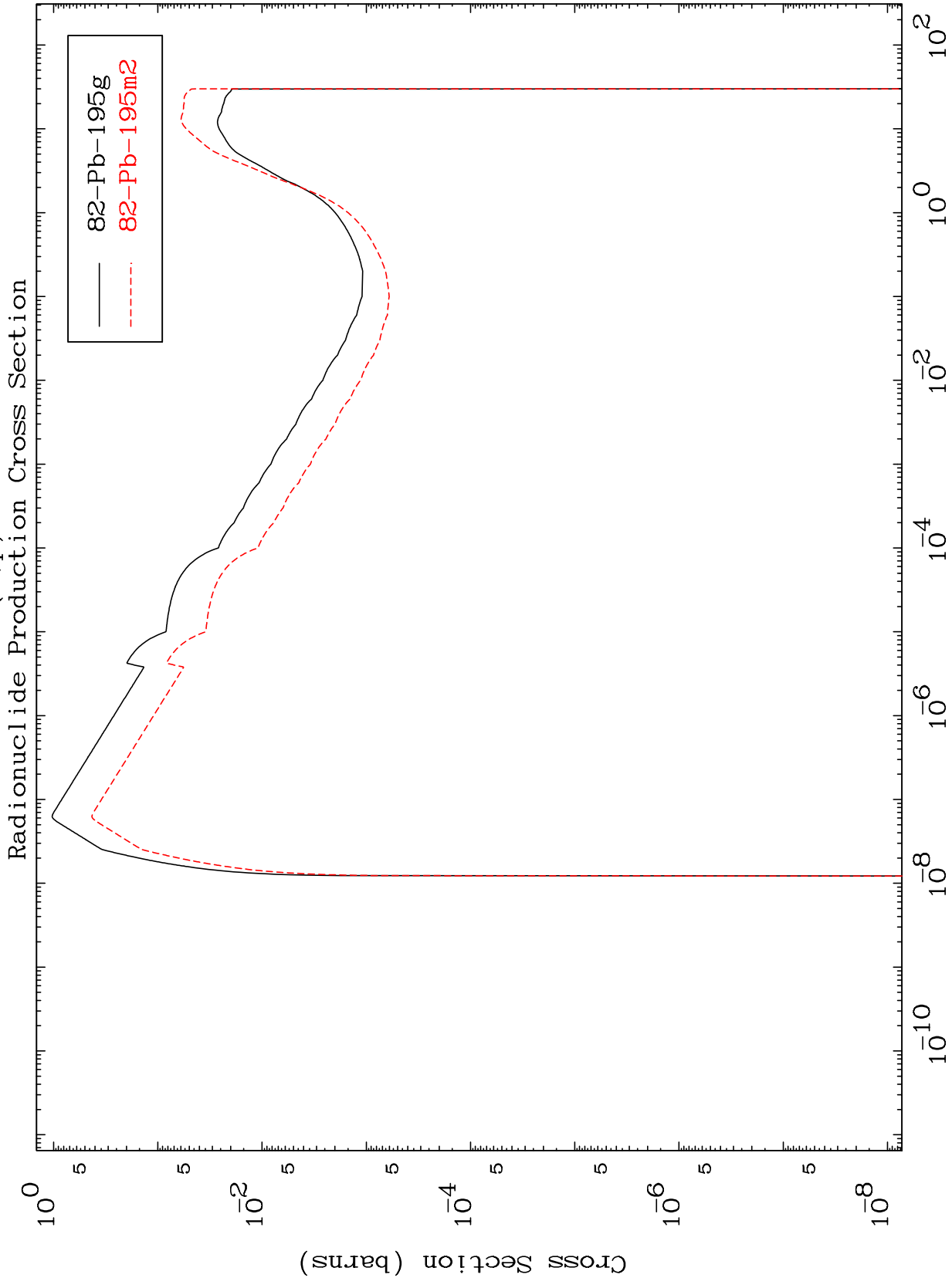
38

83-Bi-195

Incident Energy (MeV)

MAT 8283

83-Bi-195



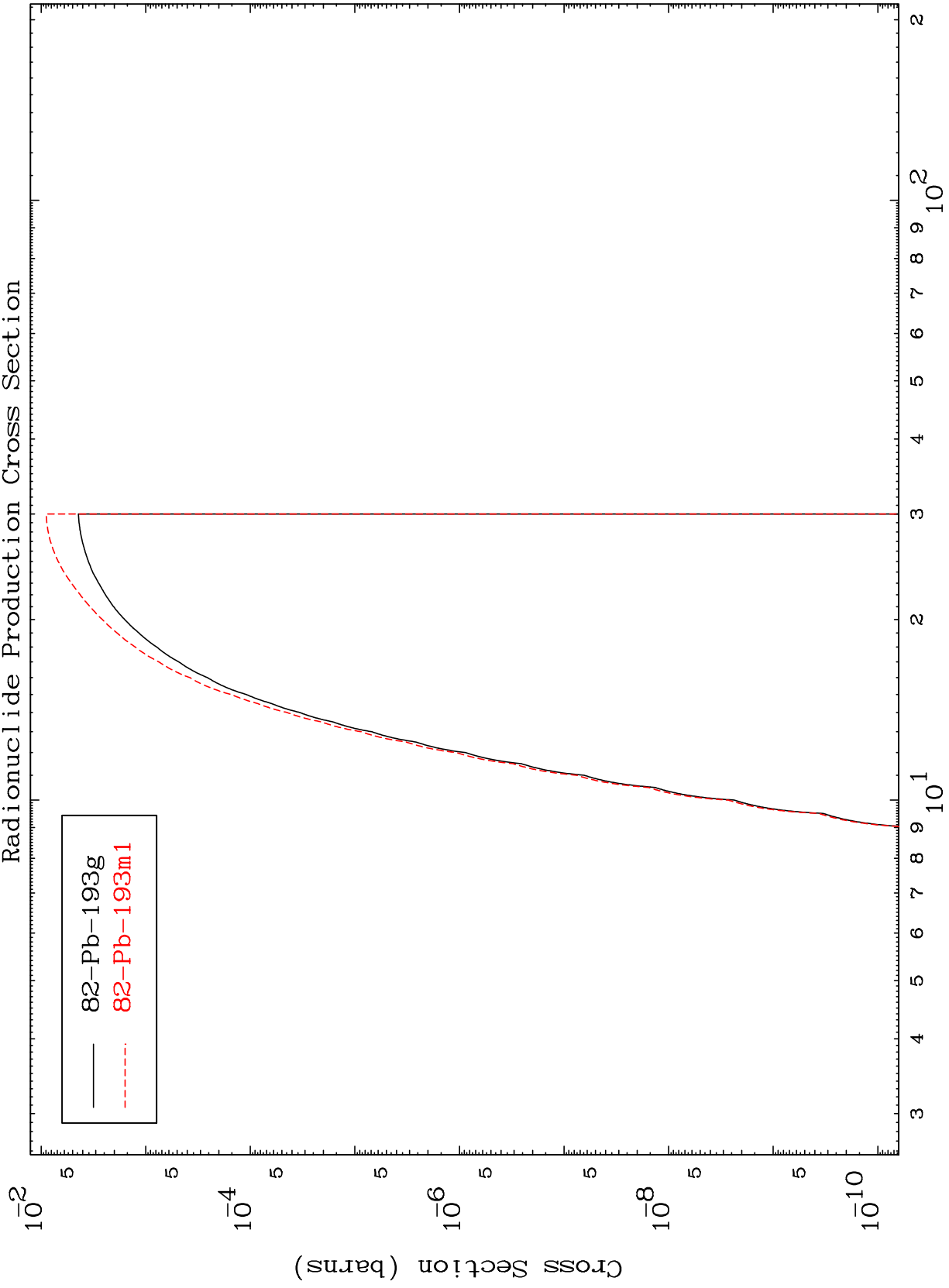
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83-Bi-195

MAT 8283

83-Bi-195

(n, t)
Radionuclide Production Cross Section



82-Pb-193g
82-Pb-193m1

40

Incident Energy (MeV)

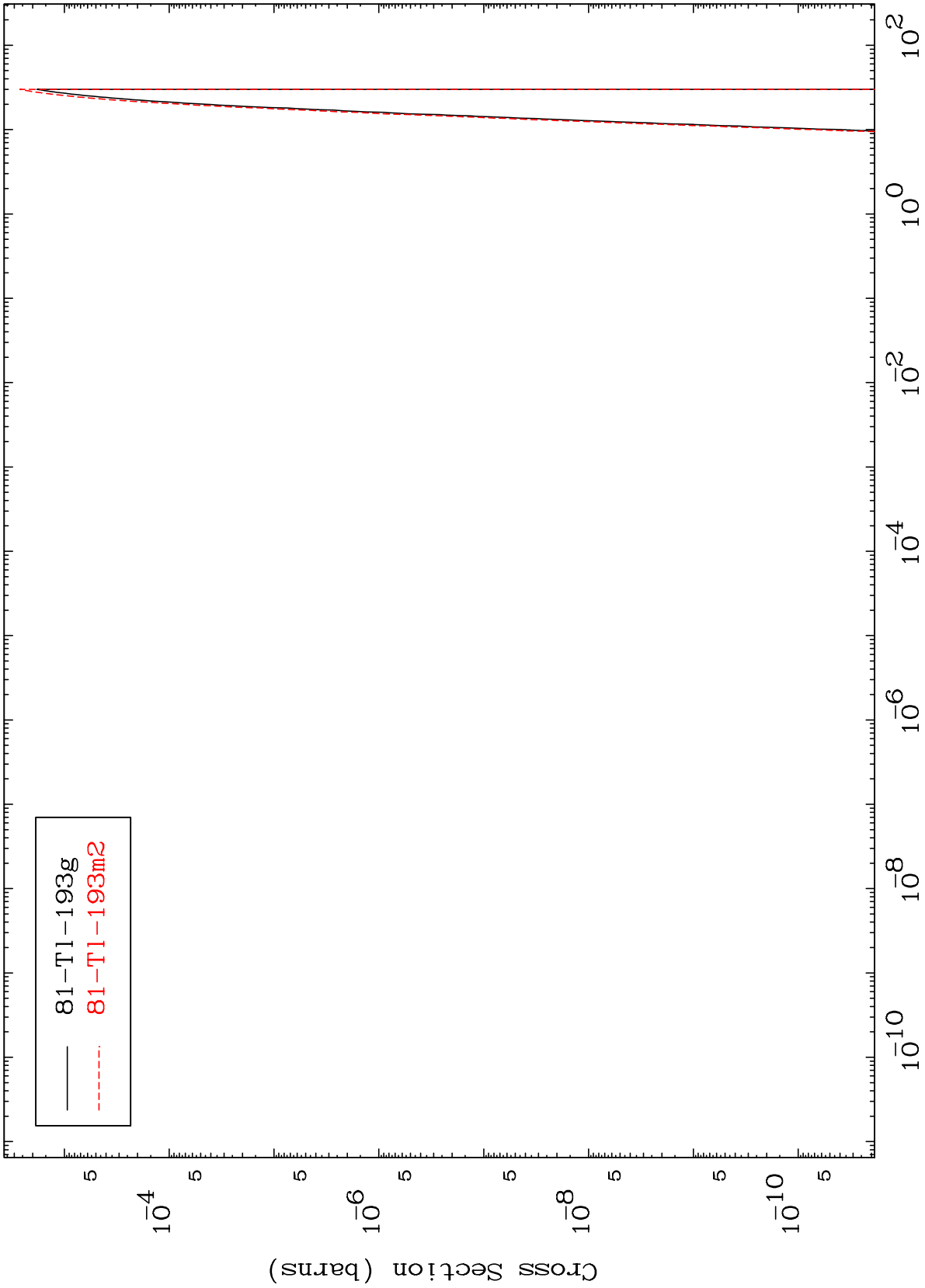
83-Bi-195

MAT 8283

(n, He-3)

83-Bi-195

Radionuclide Production Cross Section

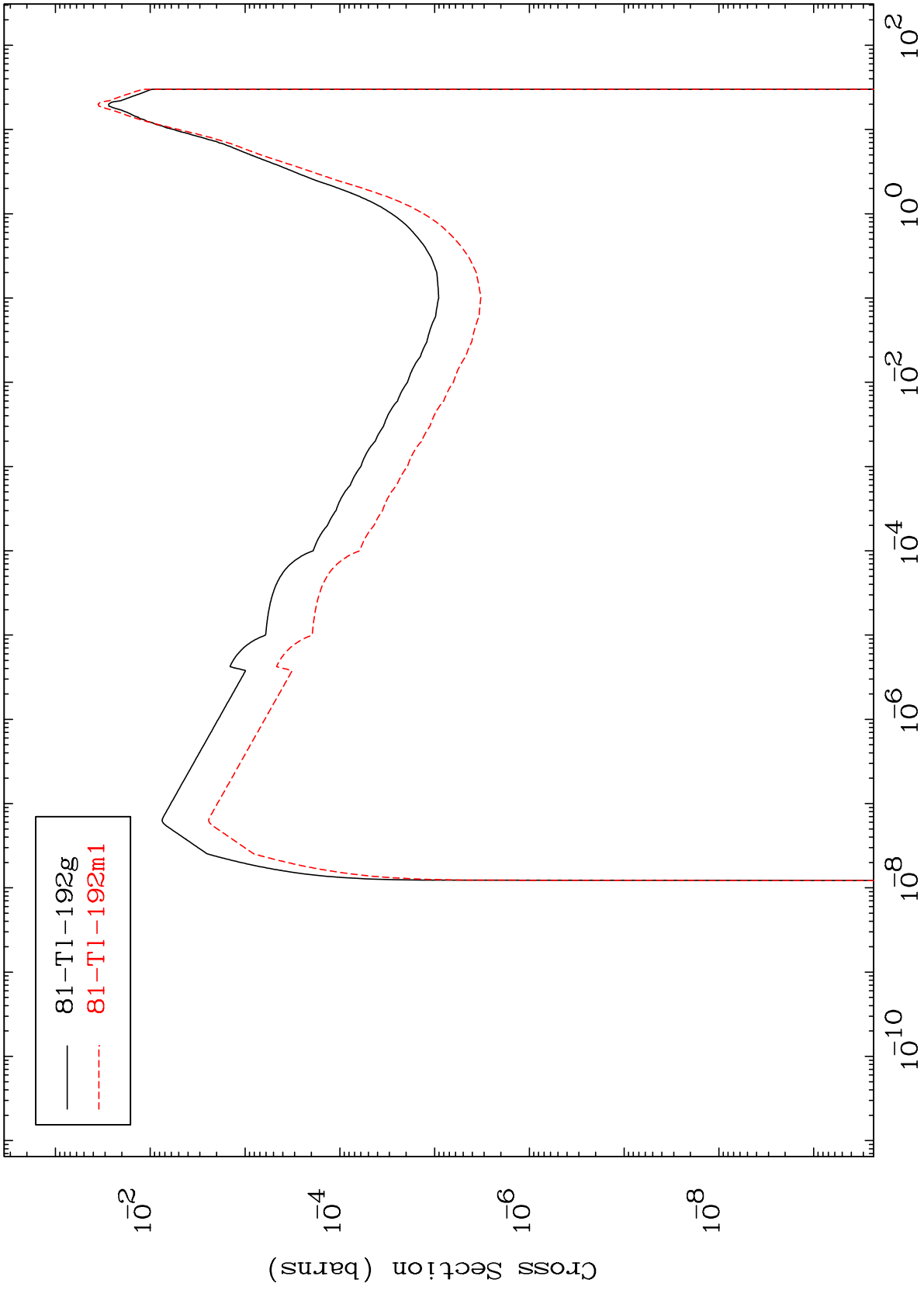


81-Tl-193g
81-Tl-193m2

MAT 8283

83-Bi-195

Radionuclide Production Cross Section



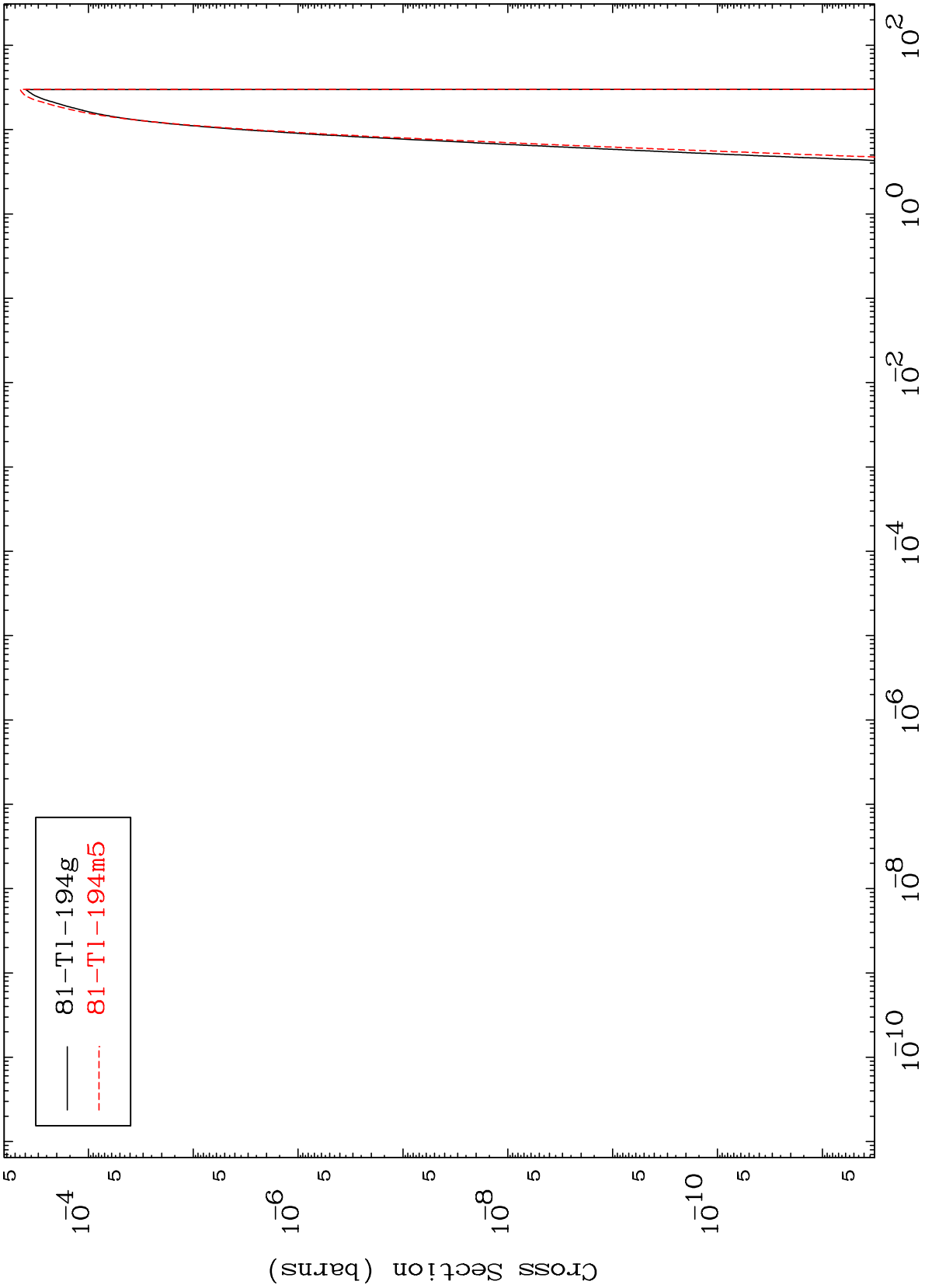
81-Tl-192g
81-Tl-192m1

MAT 8283

(n,2p)

83-Bi-195

Radionuclide Production Cross Section



43

Incident Energy (MeV)

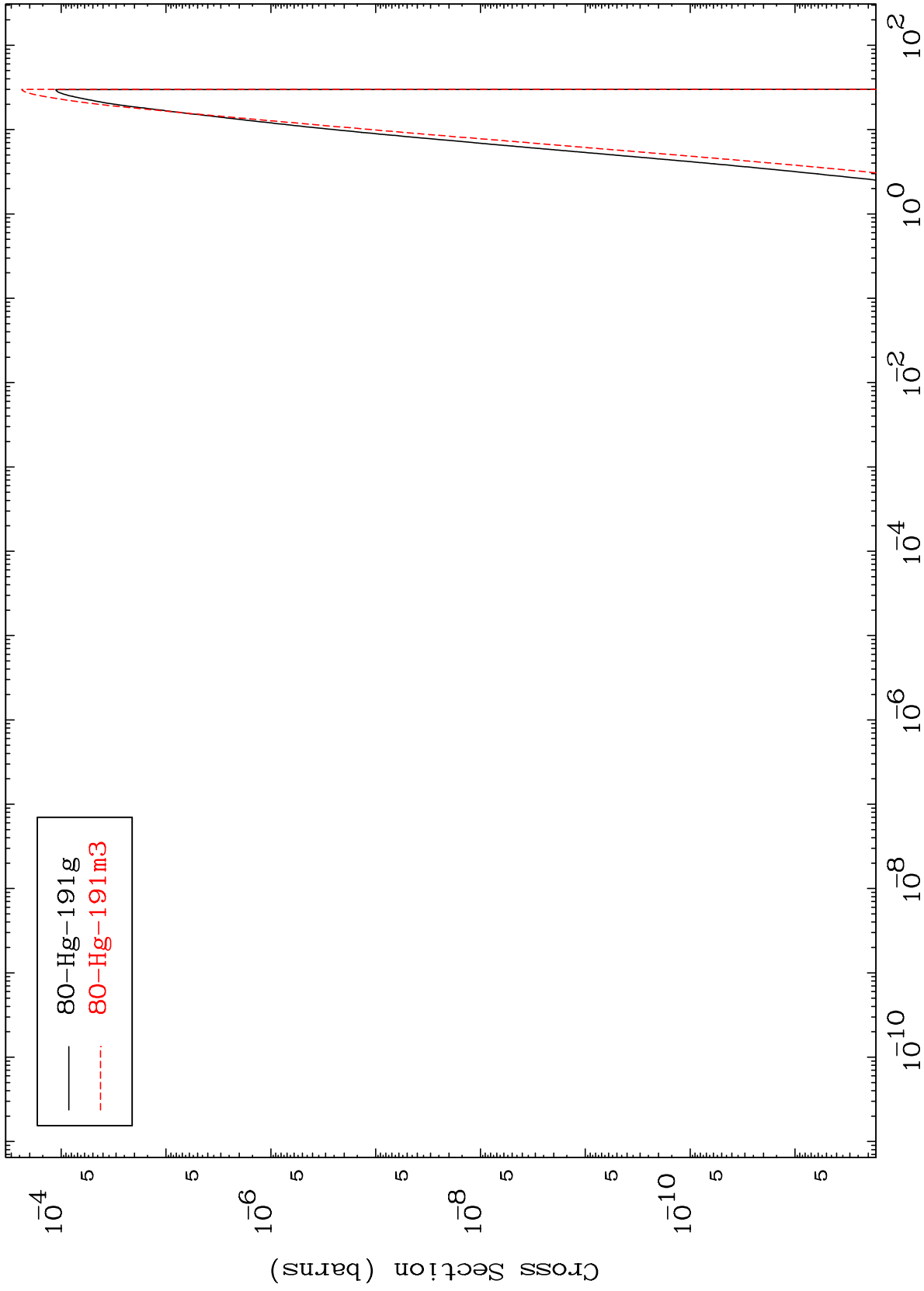
83-Bi-195

MAT 8283

(n,p) α

83-Bi-195

Radionuclide Production Cross Section



44

Incident Energy (MeV)

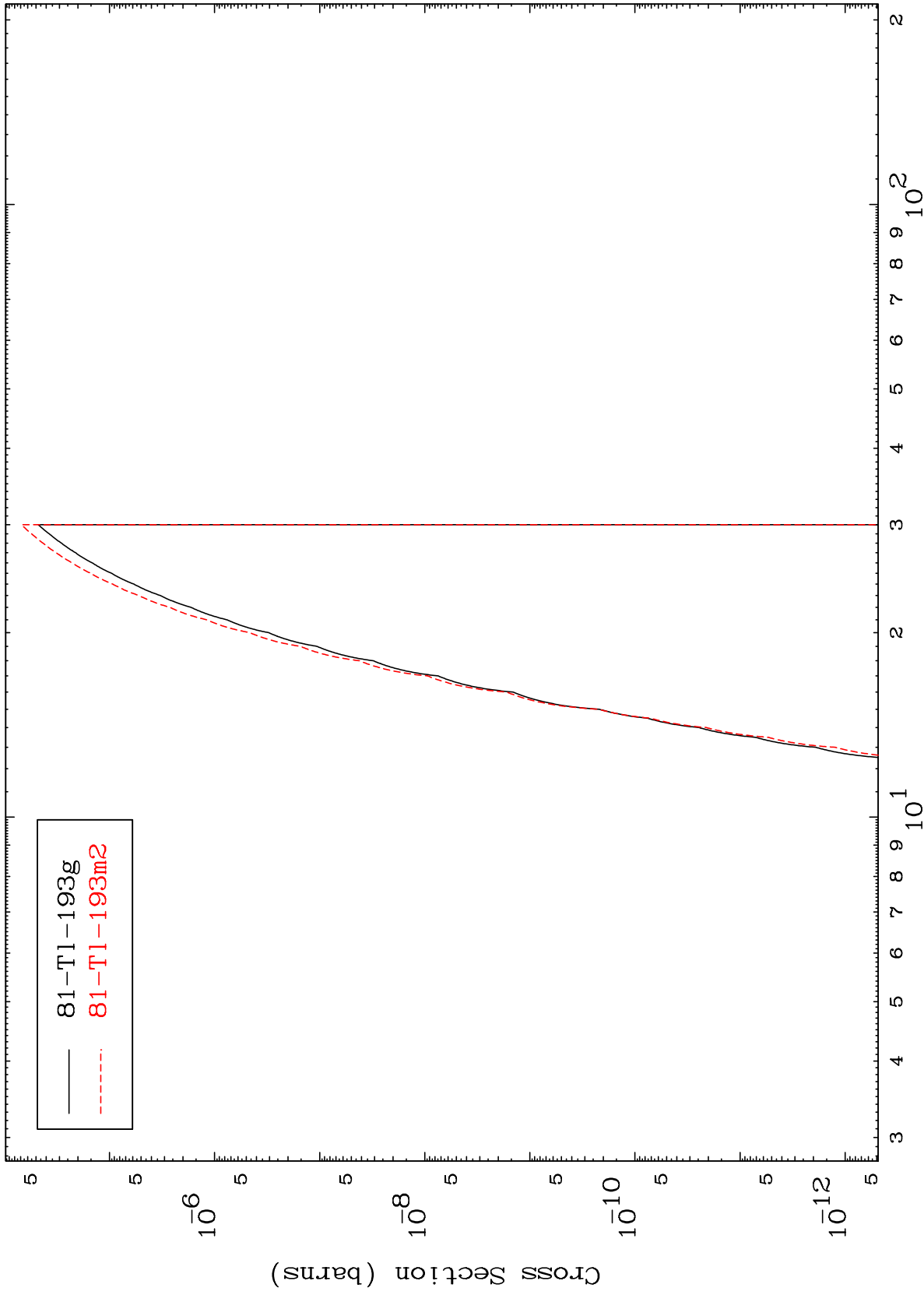
83-Bi-195

MAT 8283

(n,p) d

83-Bi-195

Radionuclide Production Cross Section



45

Incident Energy (MeV)

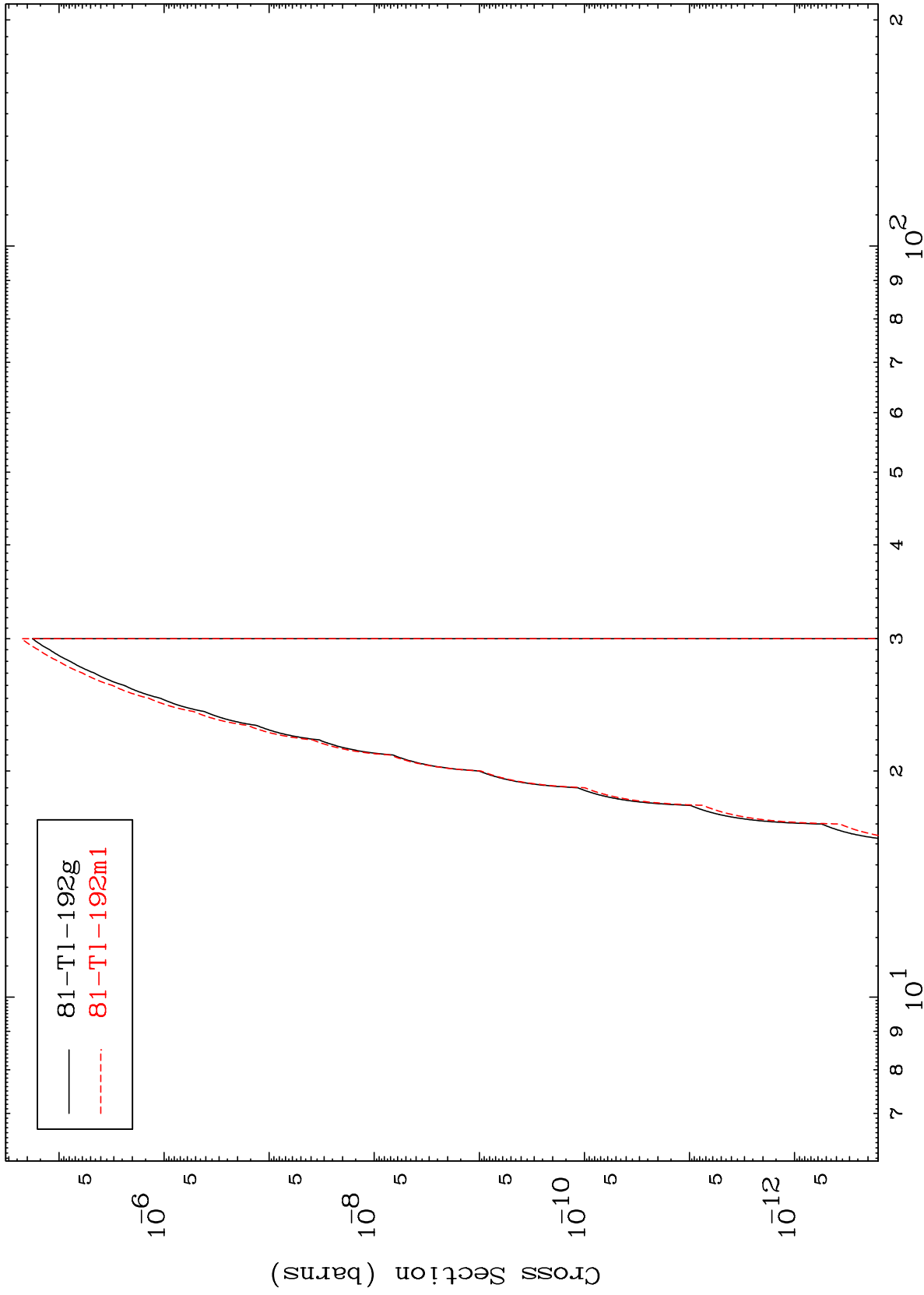
83-Bi-195

MAT 8283

(n,p) t

83-Bi-195

Radionuclide Production Cross Section



46

Incident Energy (MeV)

83-Bi-195