

Program EVALPLOT
(Version 2018-1)

by

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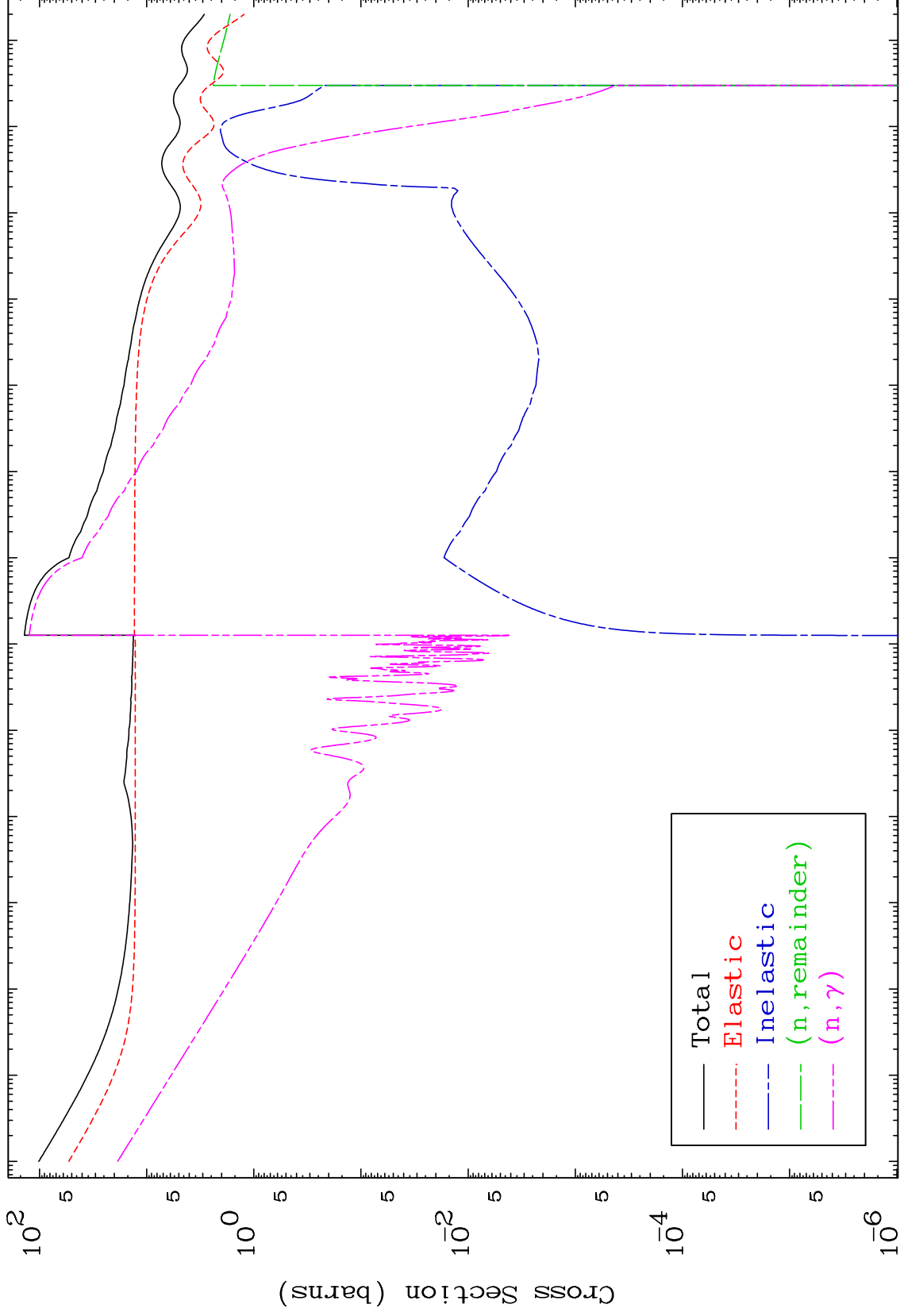
Press Mouse Button to Start

MAT 8284

Major

293 Kelvin Cross Sections

83-Bi-195



1

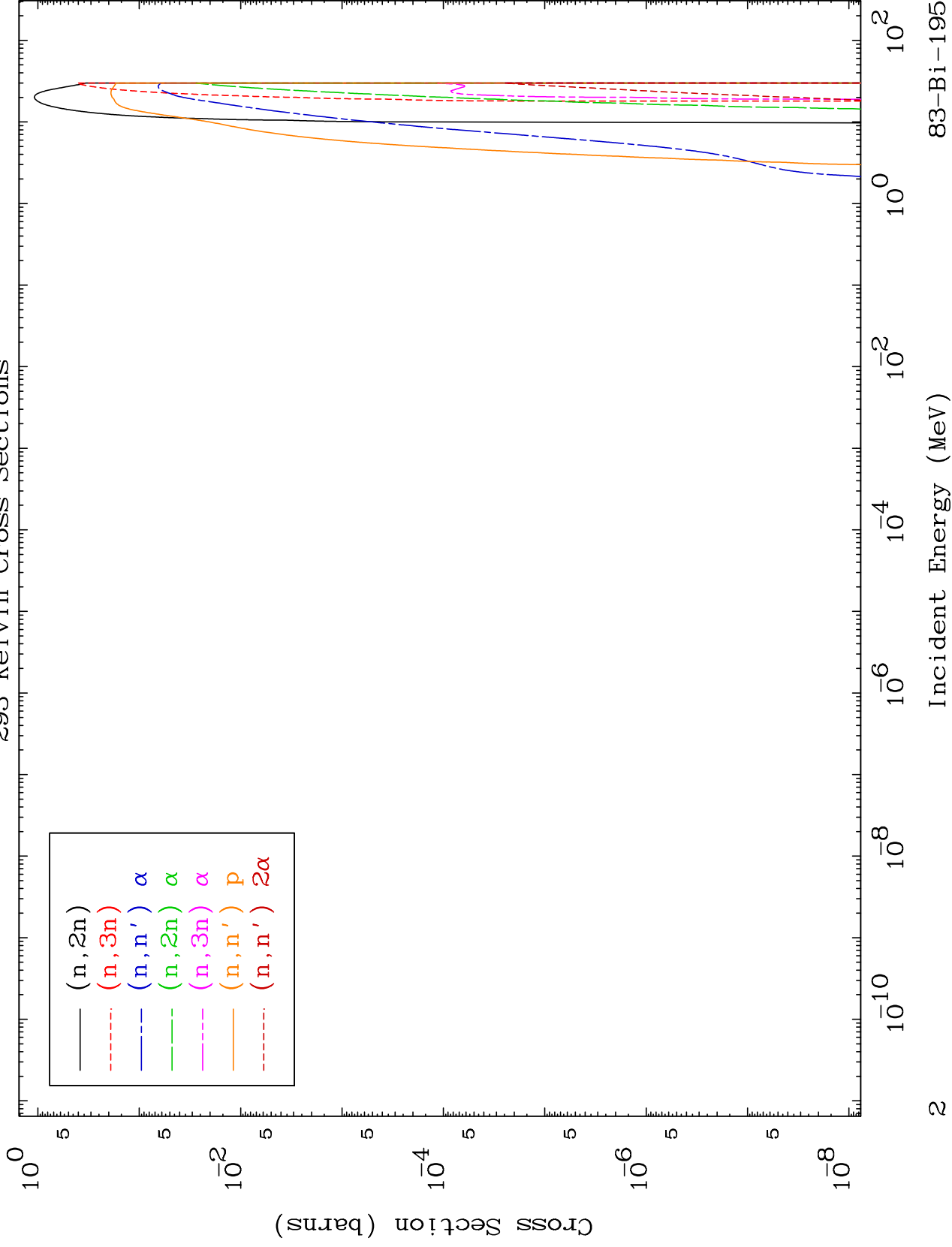
Incident Energy (MeV)

83-Bi-195

MAT 8284

Neutron Production
293 Kelvin Cross Sections

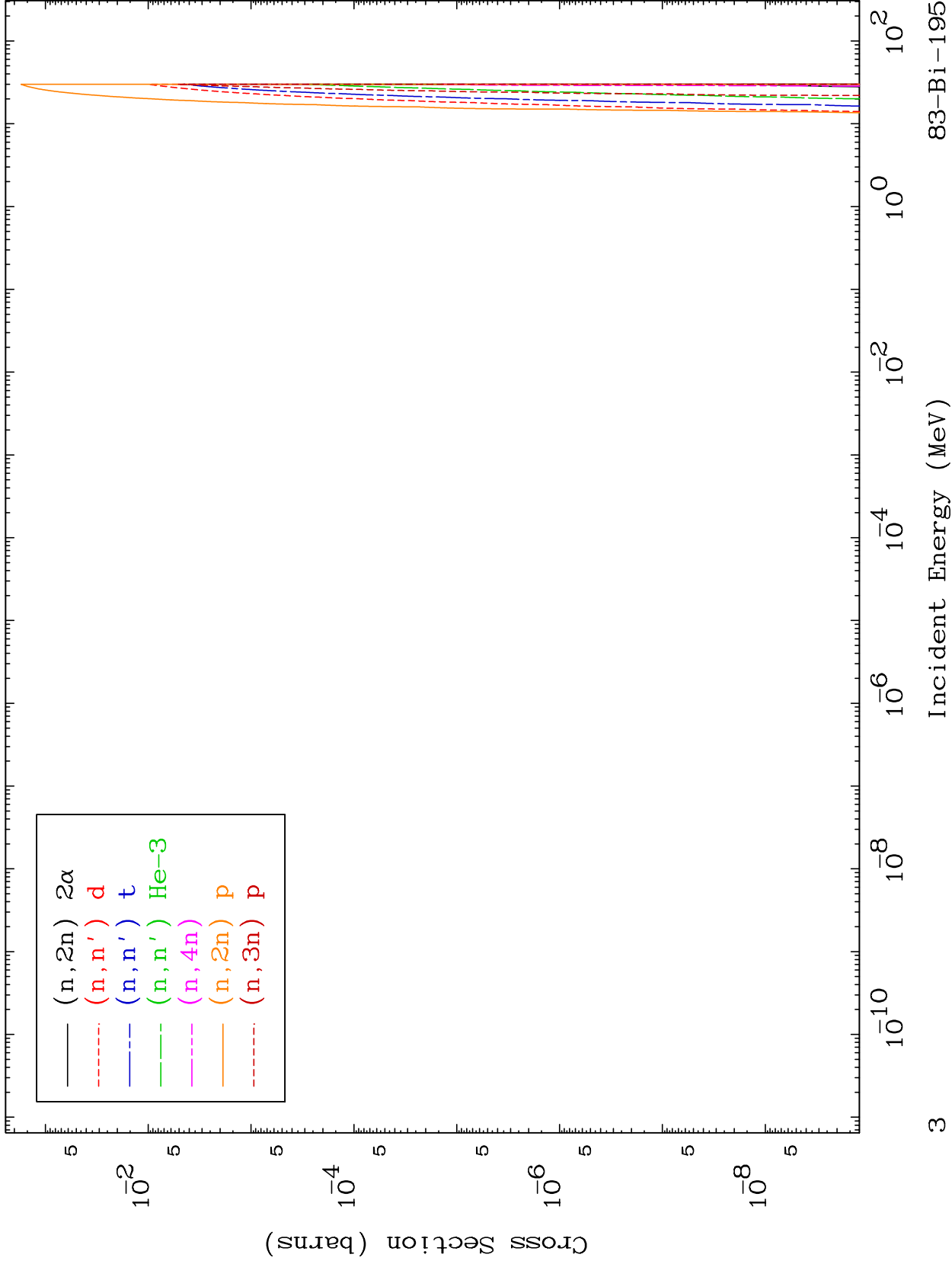
83-Bi-195



MAT 8284

Neutron Production
293 Kelvin Cross Sections

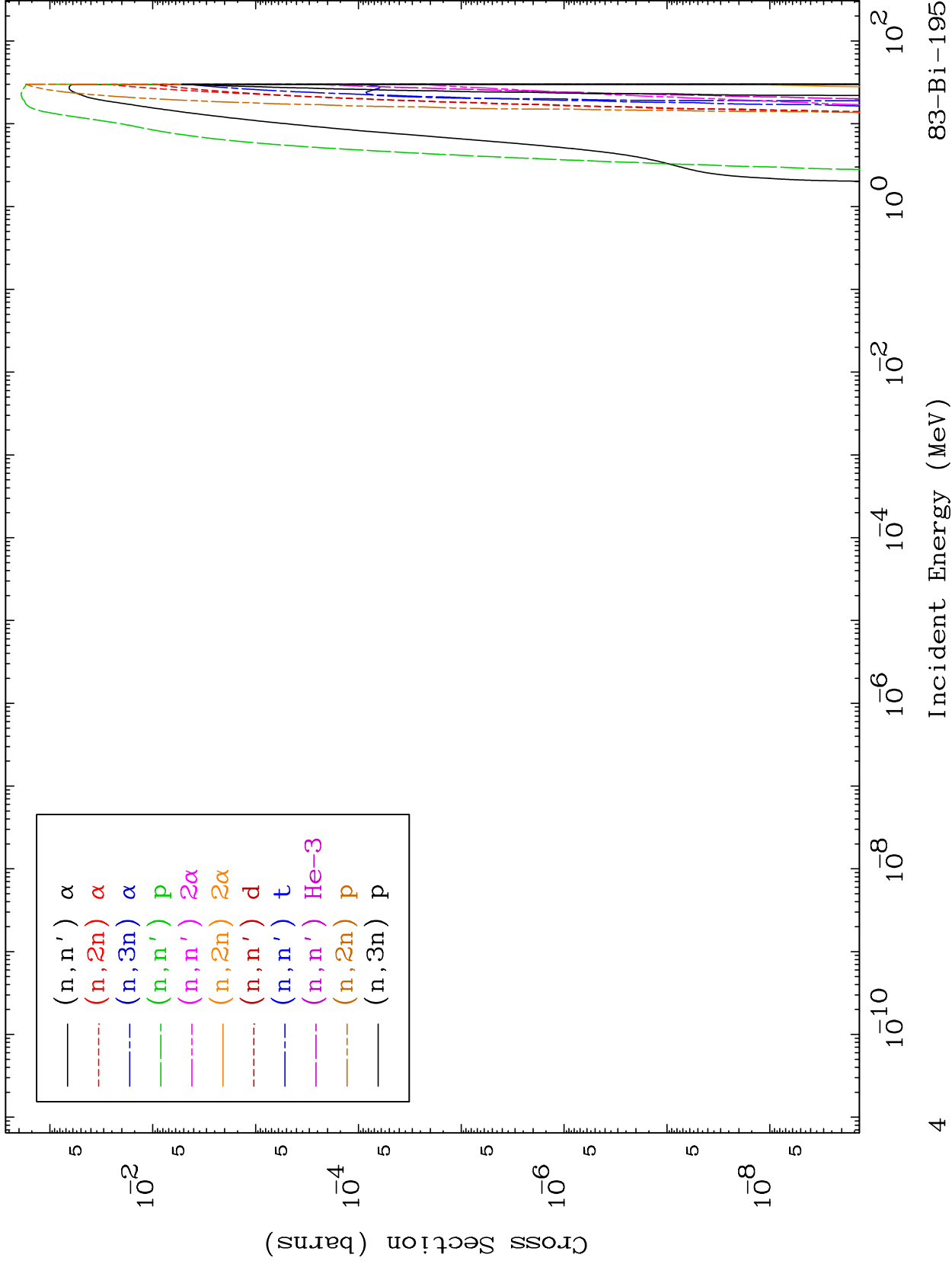
83-Bi-195



MAT 8284

Charged Particle
293 Kelvin Cross Sections

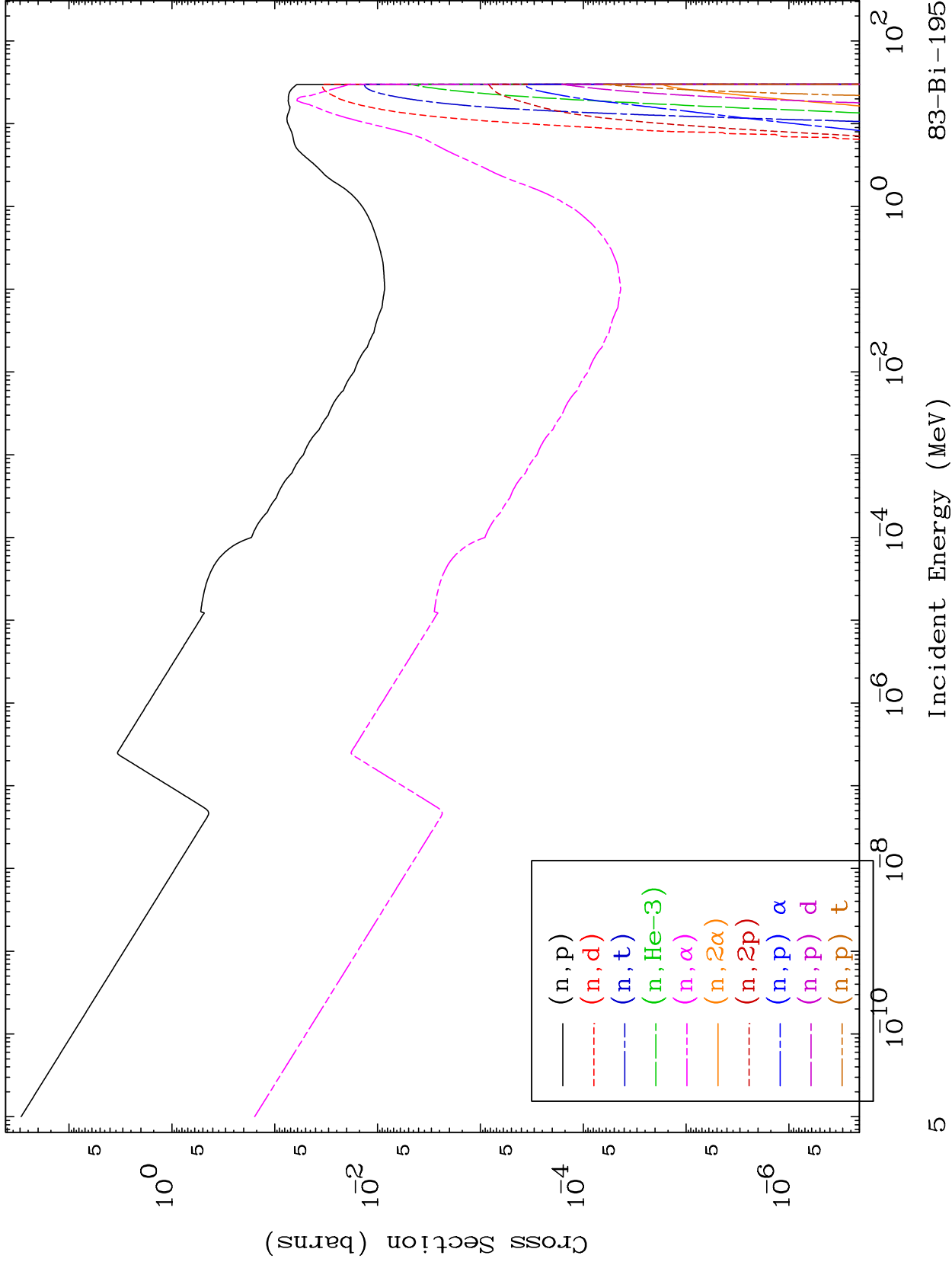
83-Bi-195



MAT 8284

Charged Particle
293 Kelvin Cross Sections

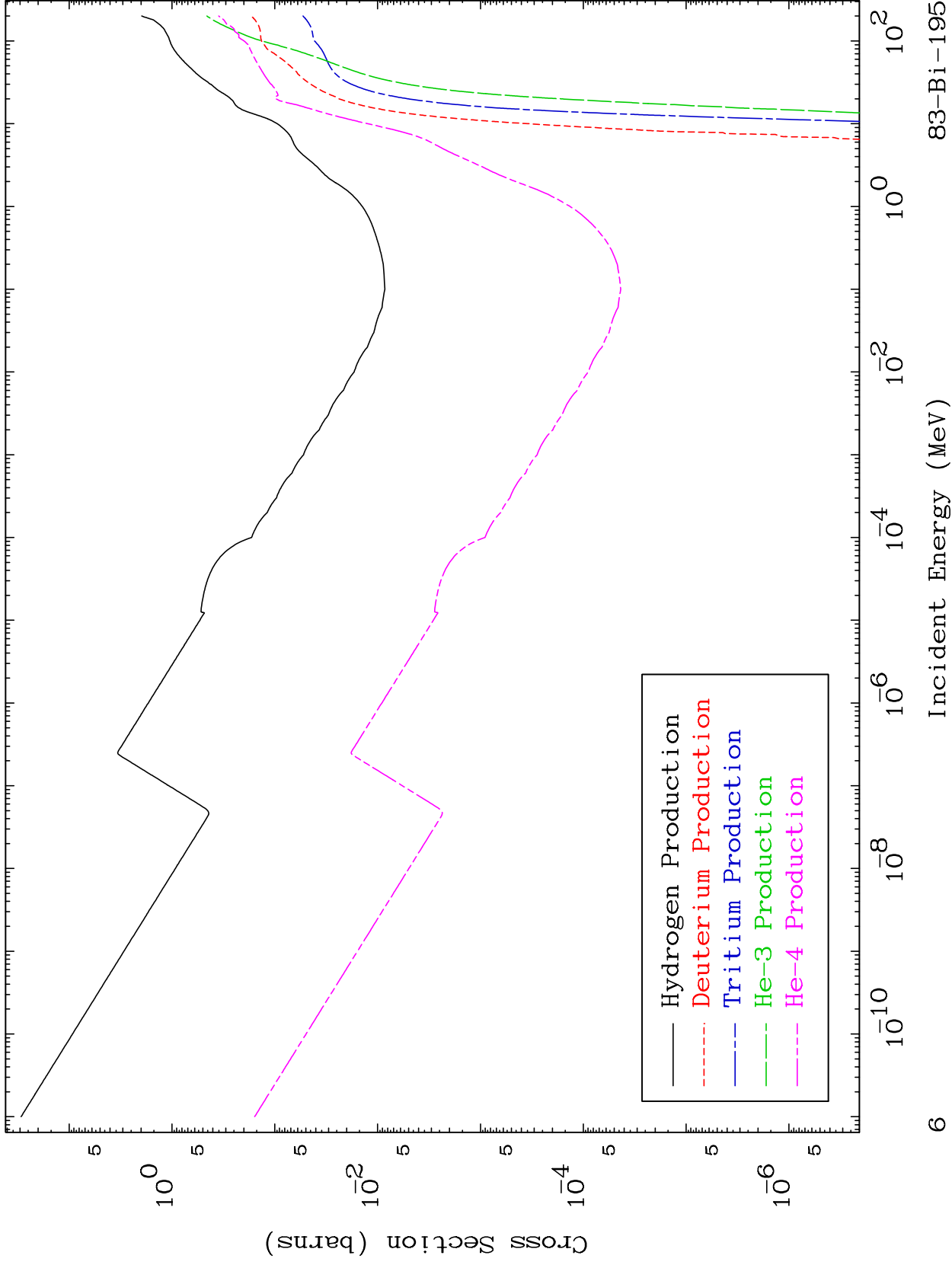
83-Bi-195



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Particle Production
293 Kelvin Cross Sections

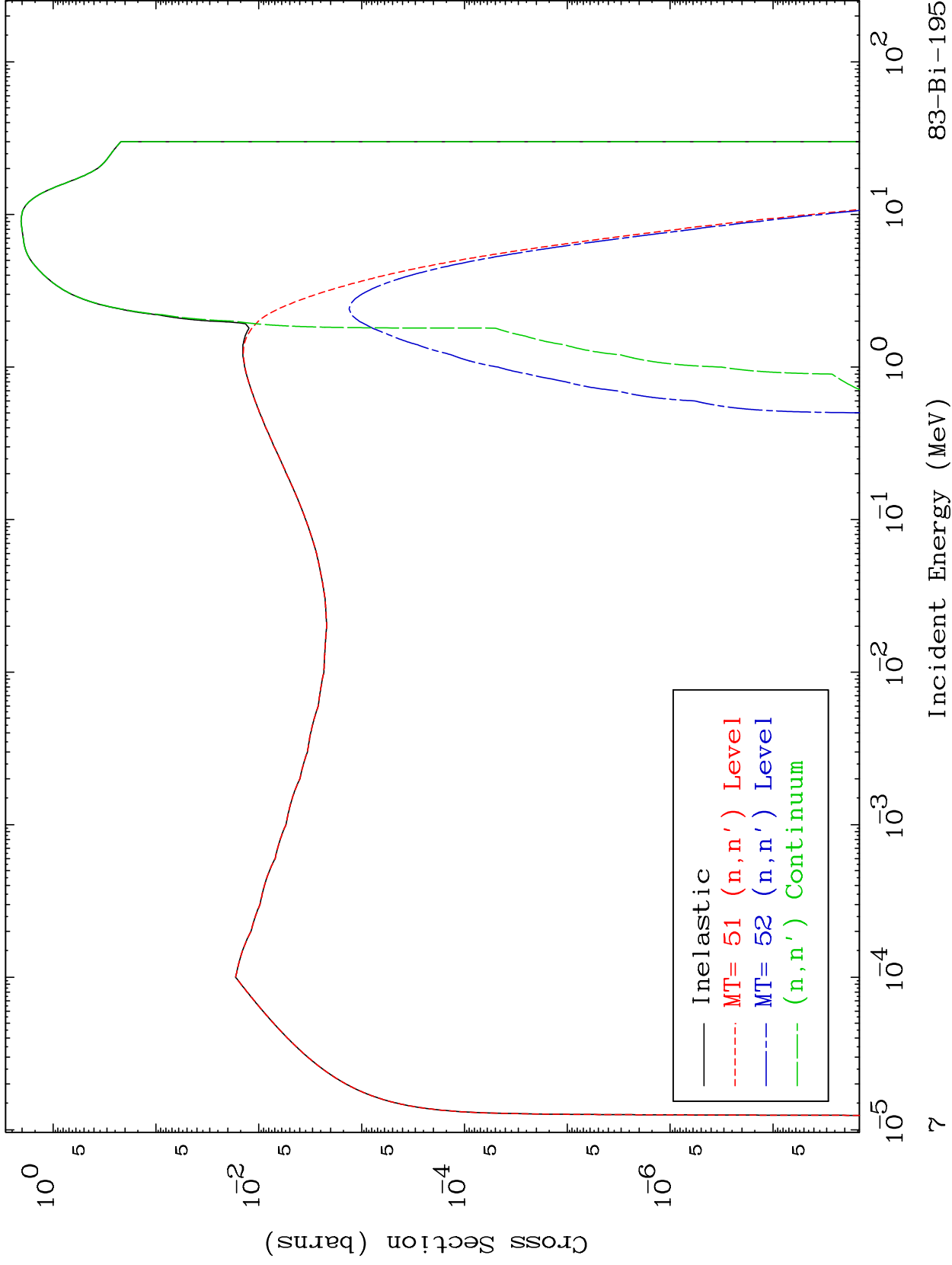
83-Bi-195



MAT 8284

(n,n') Level
293 Kelvin Cross Sections

83-Bi-195



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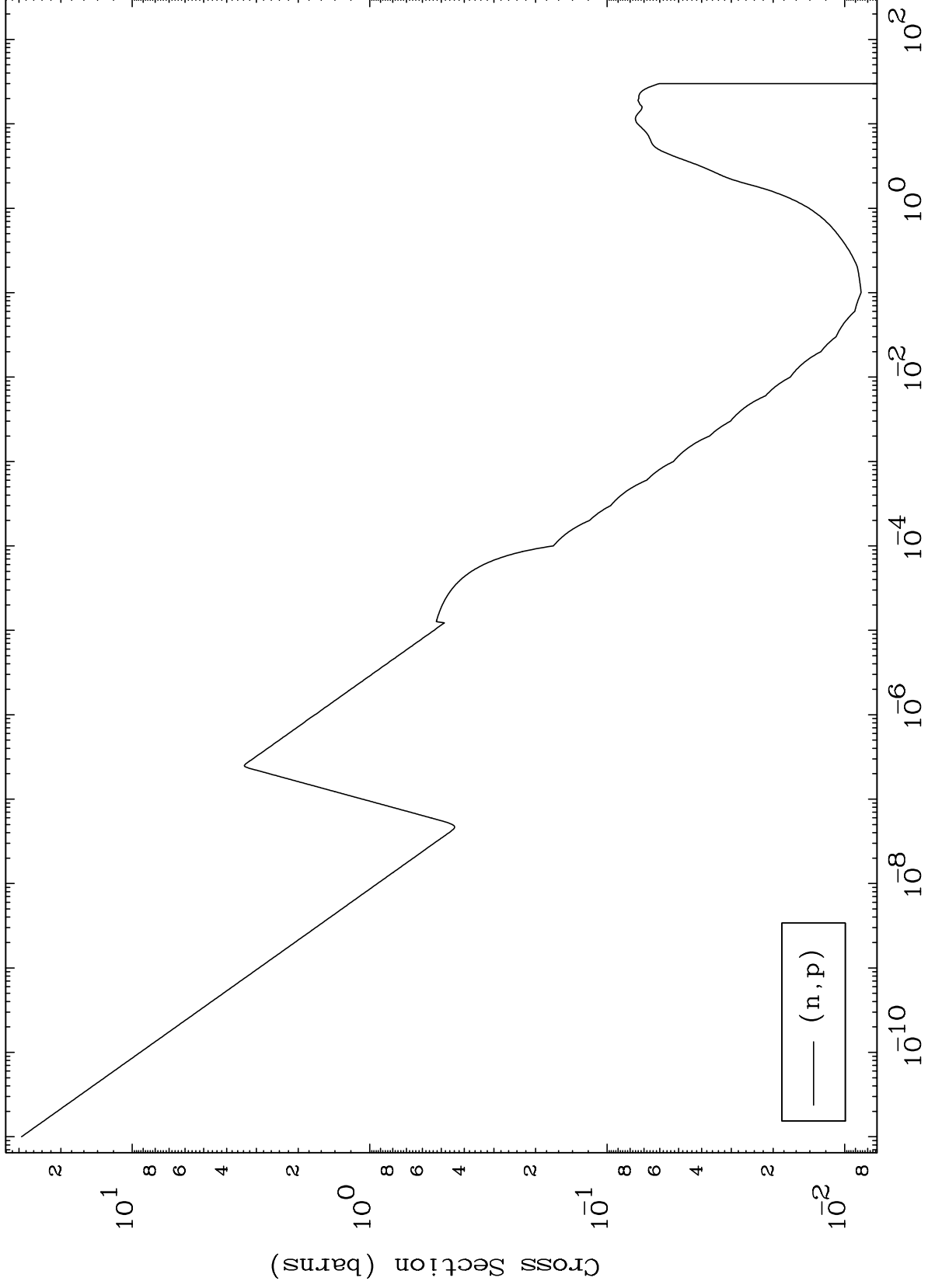
Incident Energy (MeV)

83-Bi-195

MAT 8284

(n,p) Levels
293 Kelvin Cross Sections

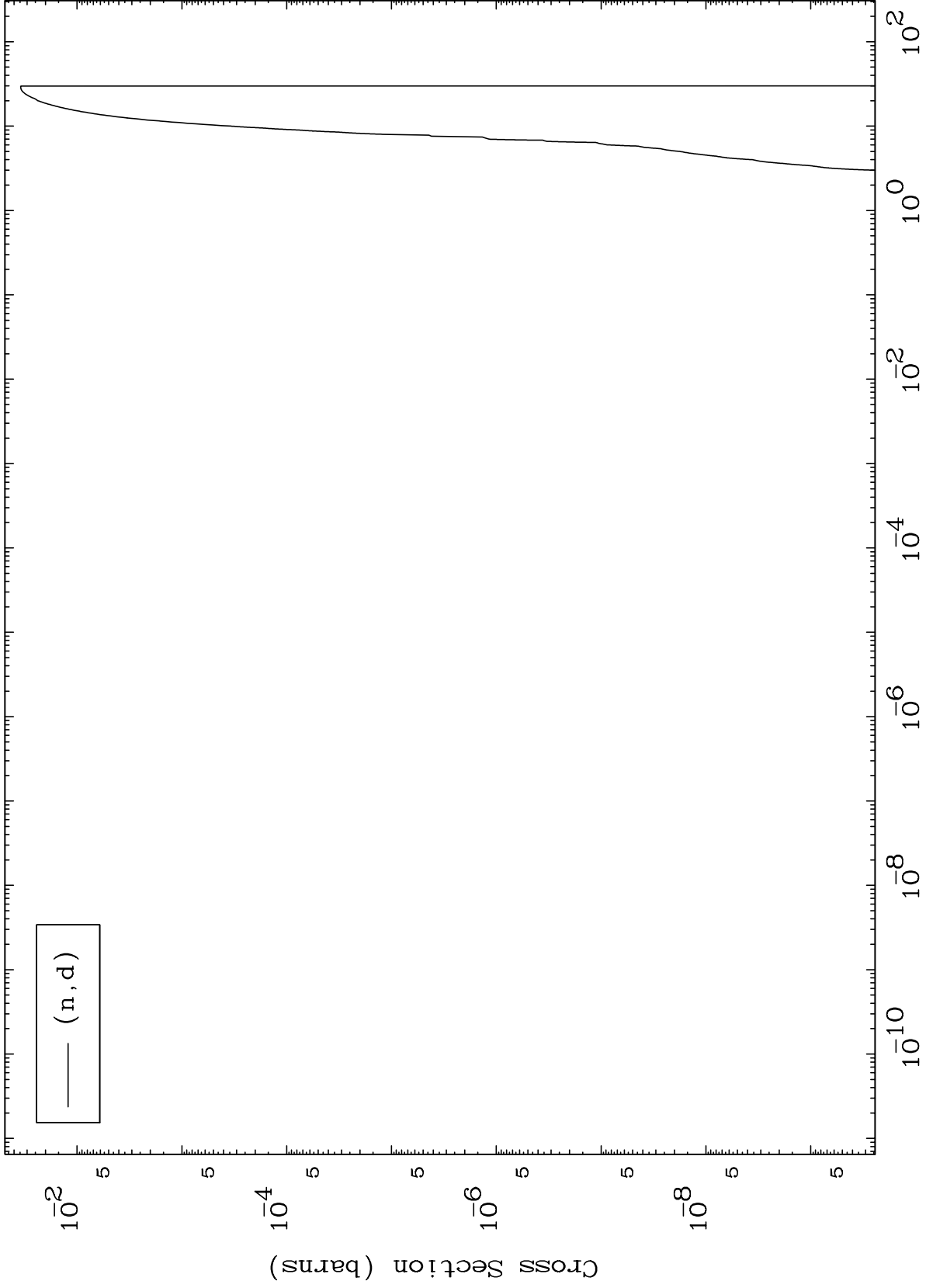
83-Bi-195



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(n,d) Levels
293 Kelvin Cross Sections

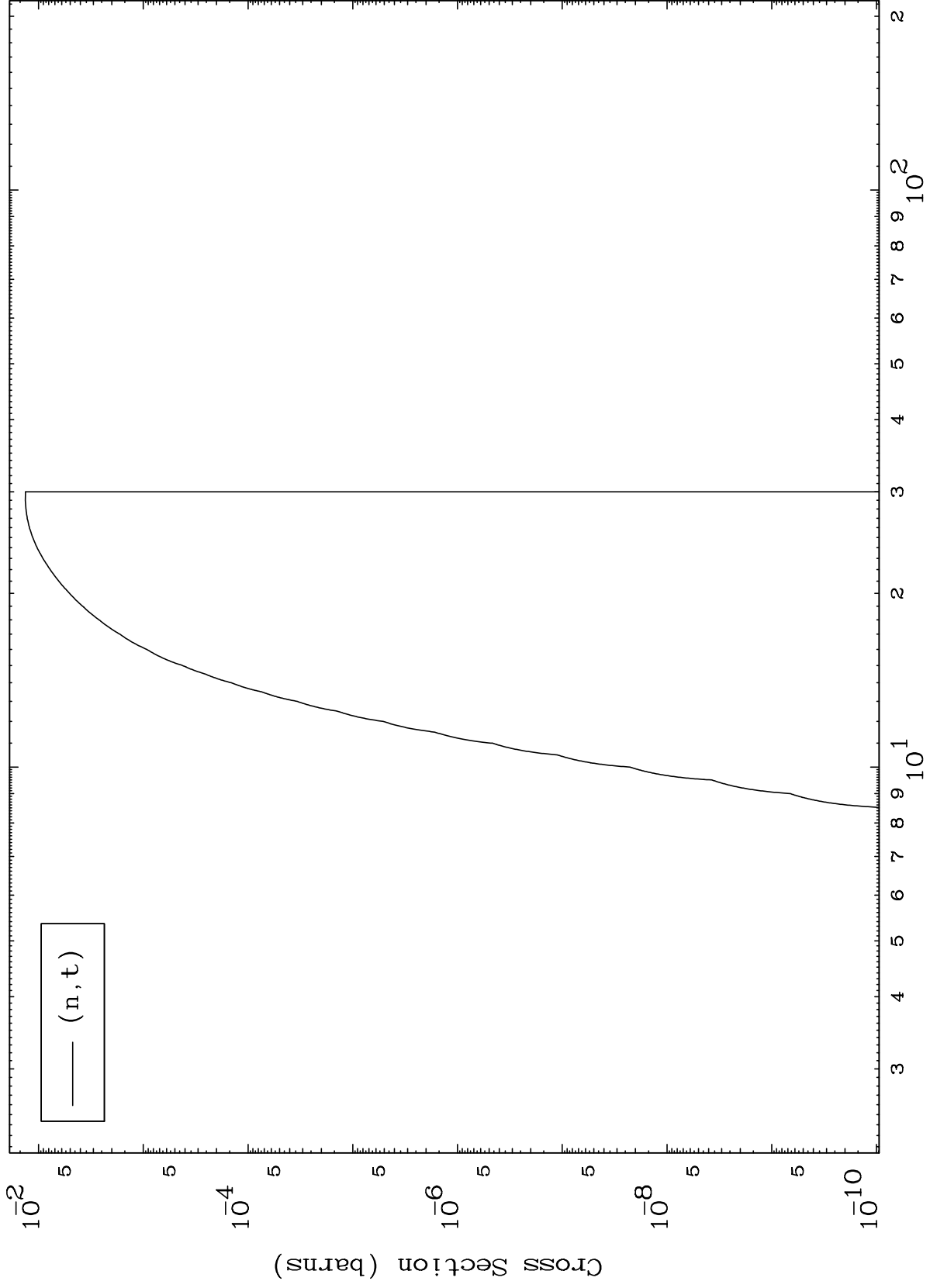
83-Bi-195



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(n,t) Levels
293 Kelvin Cross Sections

83-Bi-195



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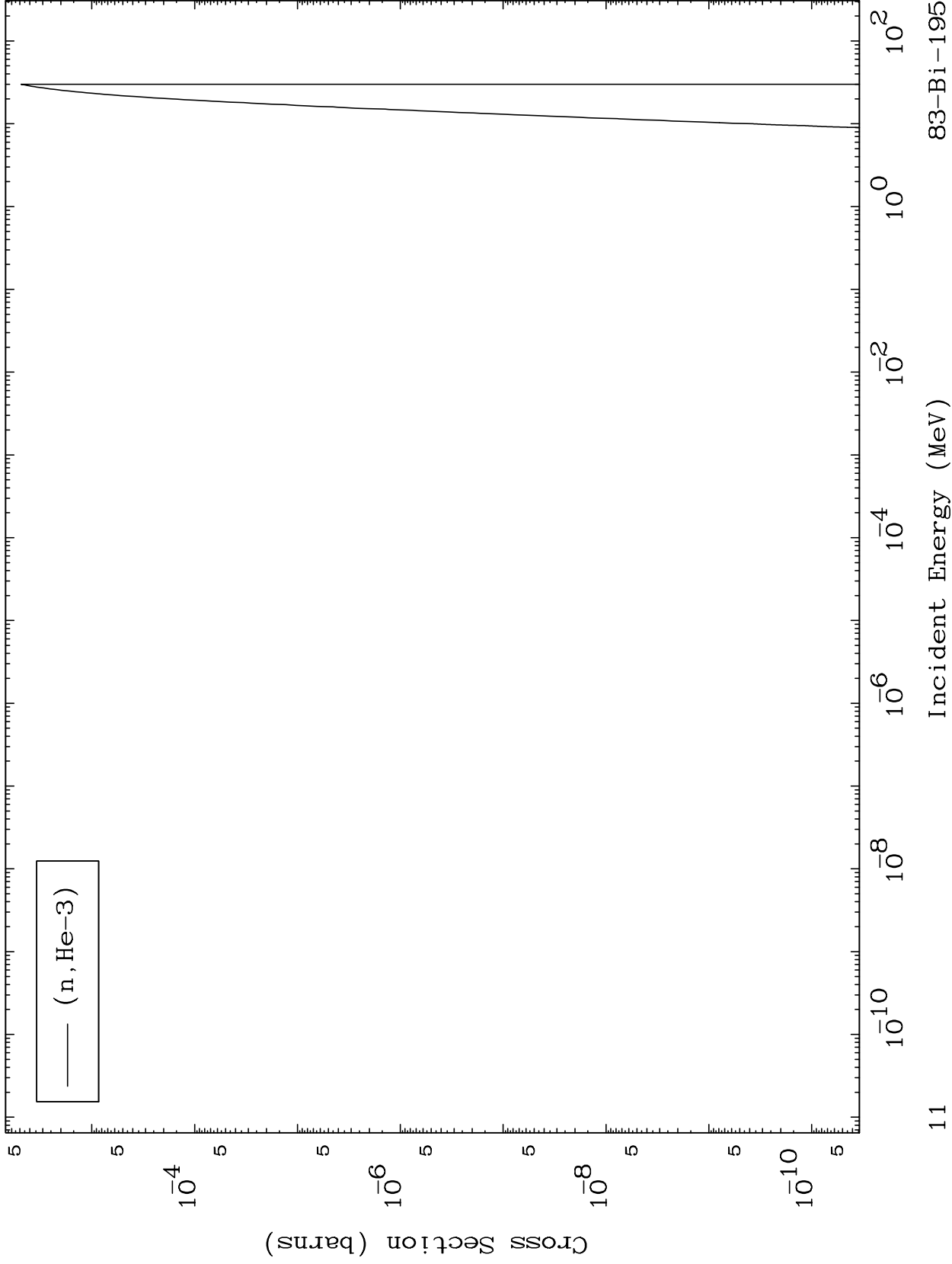
Incident Energy (MeV)

83-Bi-195

MAT 8284

(n,He3) Levels
293 Kelvin Cross Sections

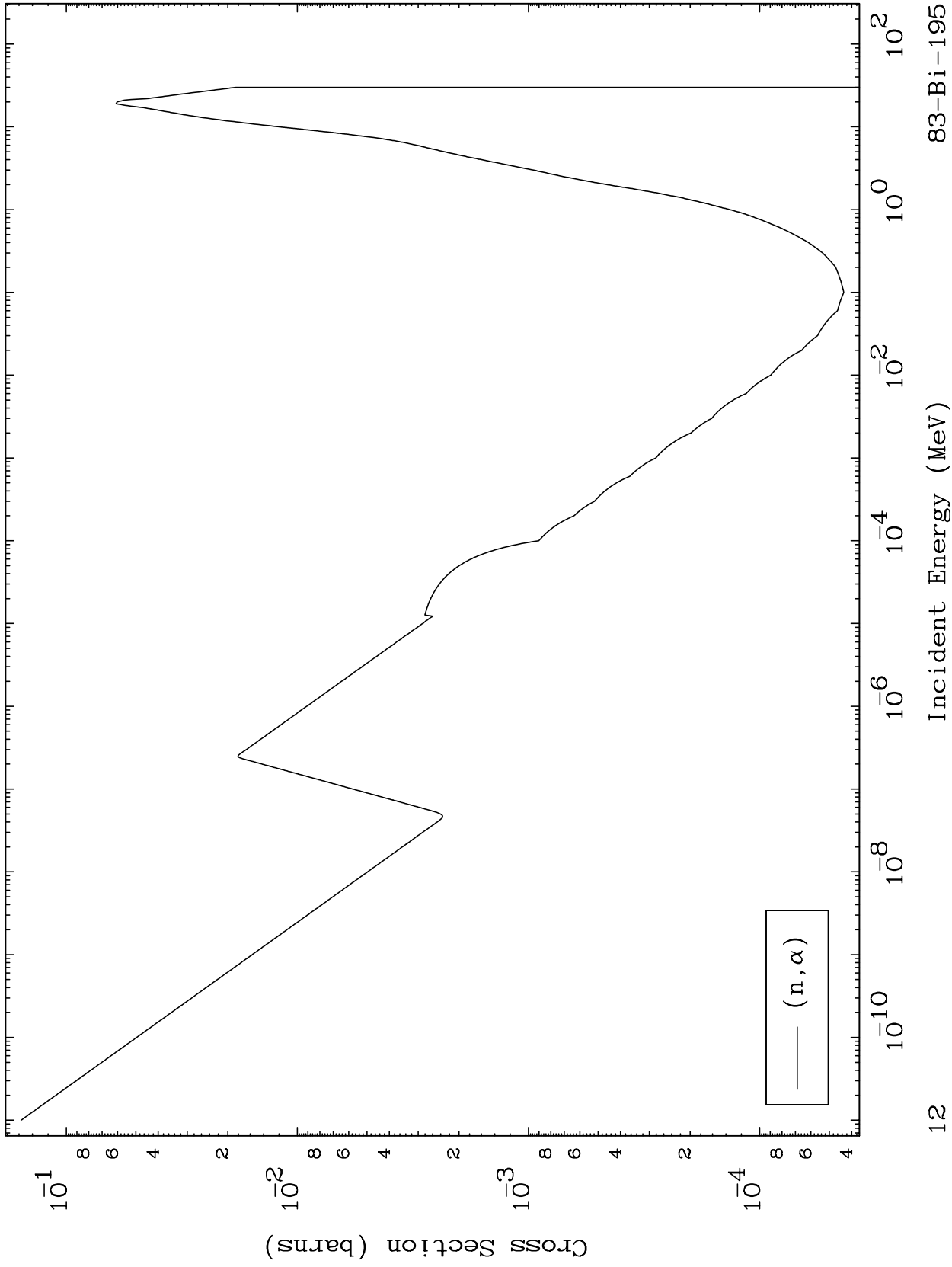
83-Bi-195

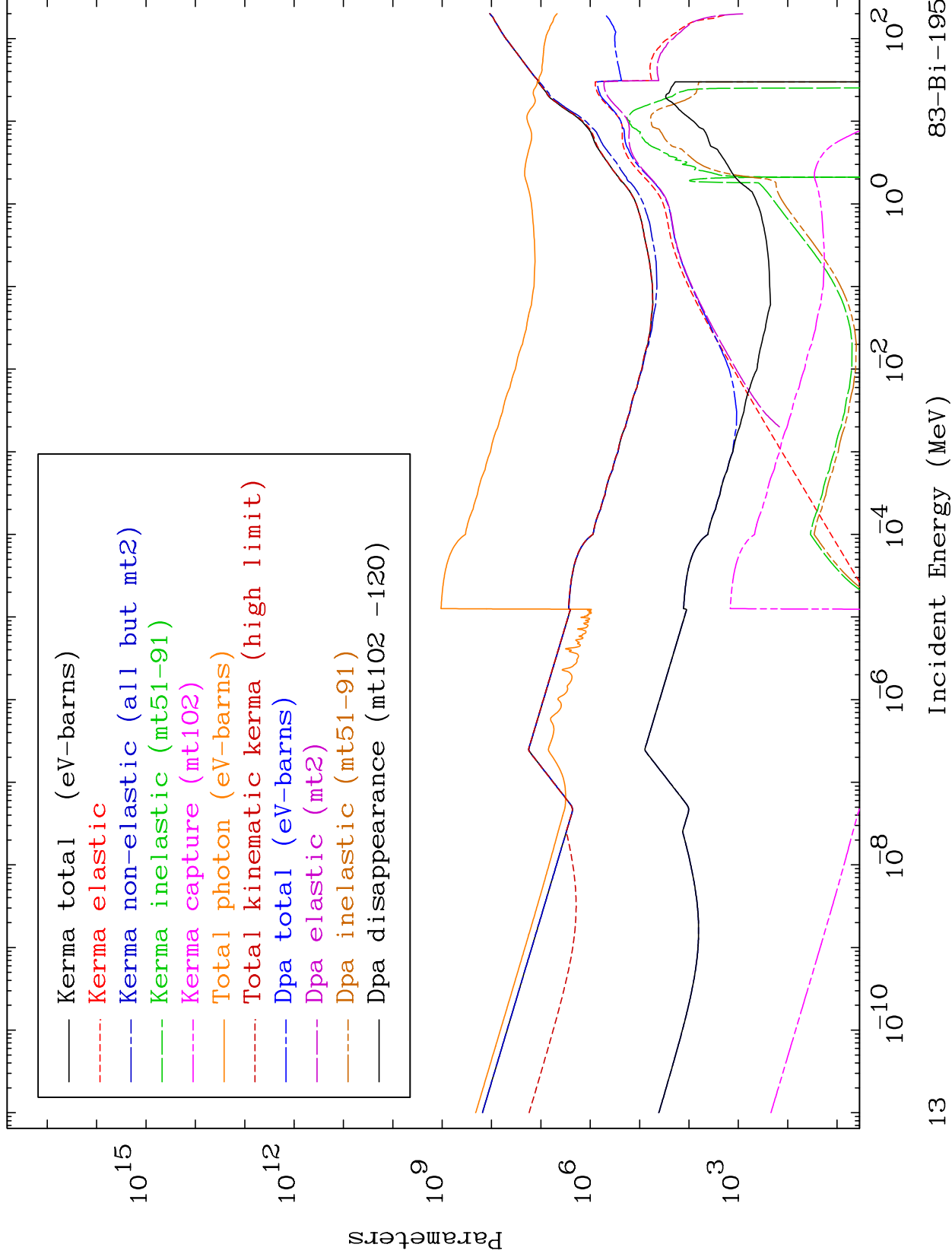


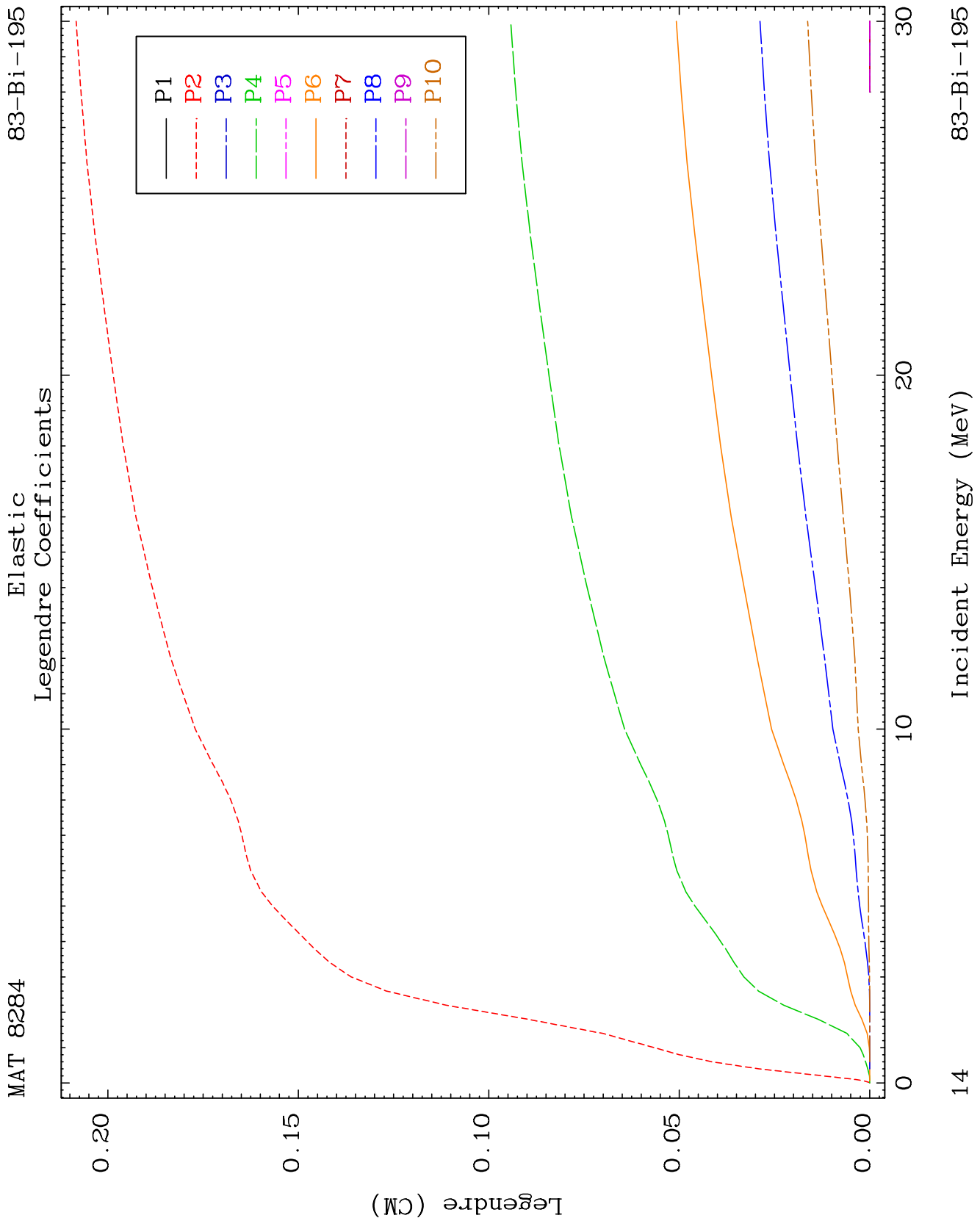
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(n,α) Levels
293 Kelvin Cross Sections

83-Bi-195



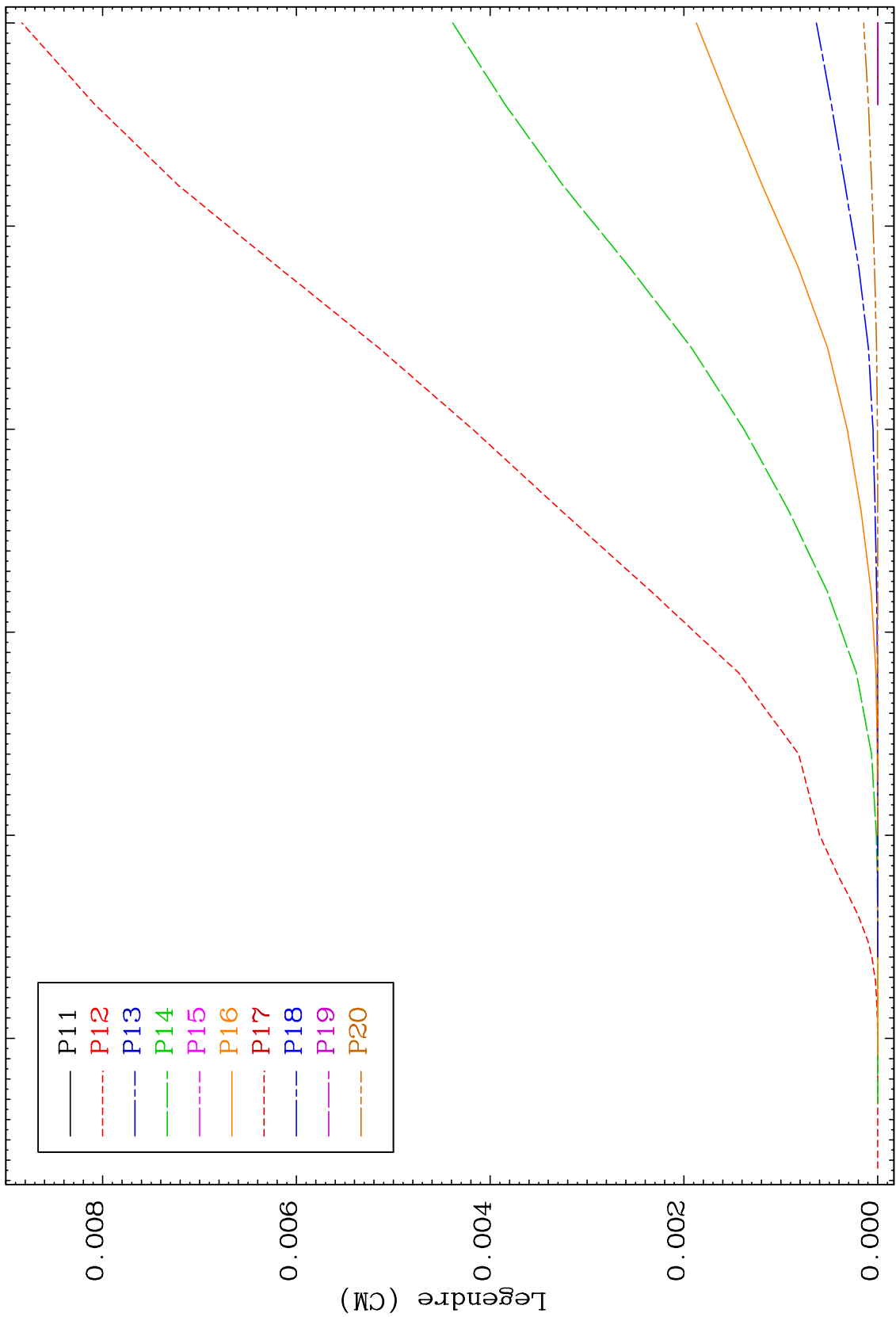




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Elastic Legendre Coefficients

83-Bi-195



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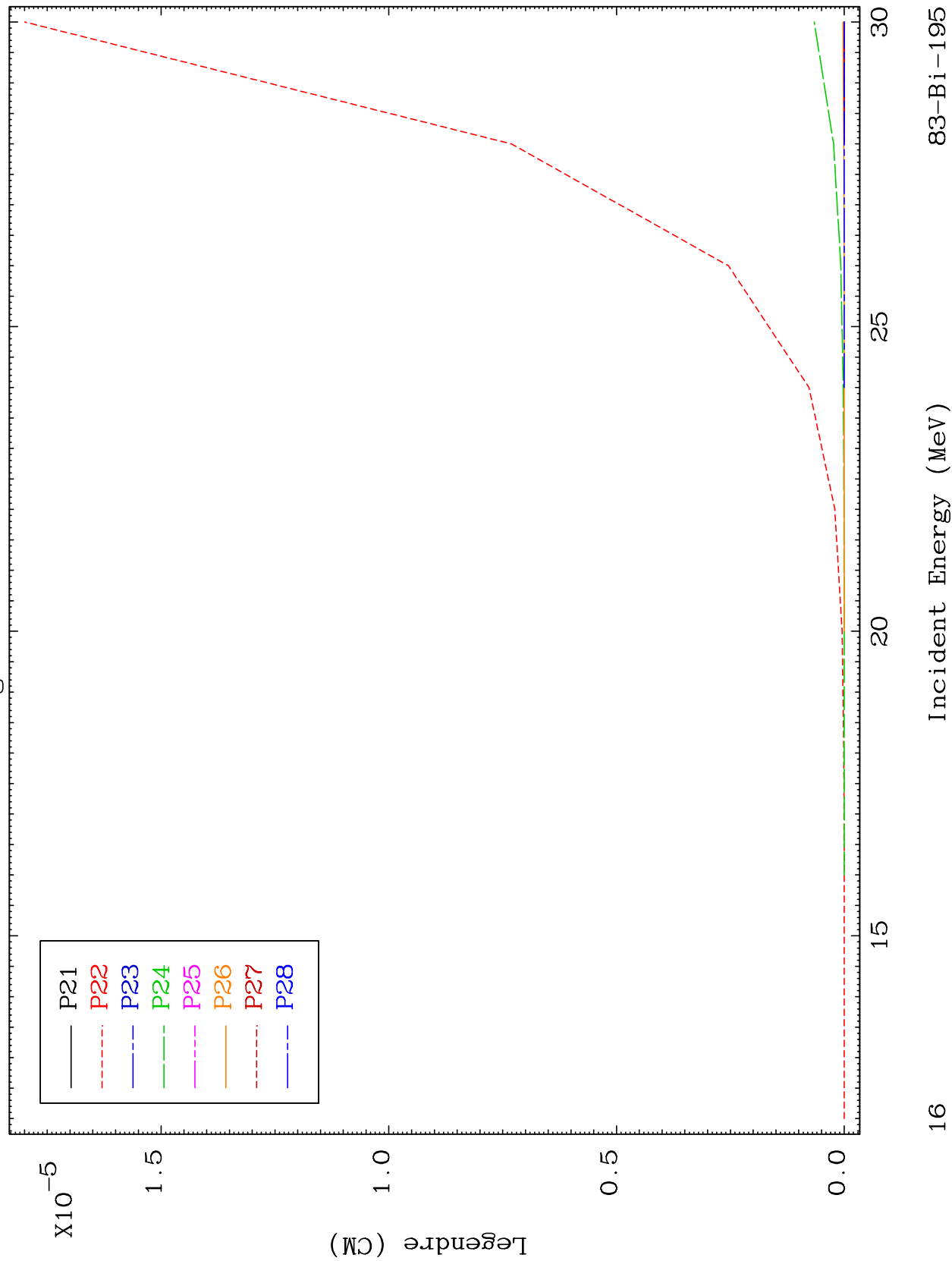
Incident Energy (MeV)

83-Bi-195

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Elastic Legendre Coefficients

83-Bi-195

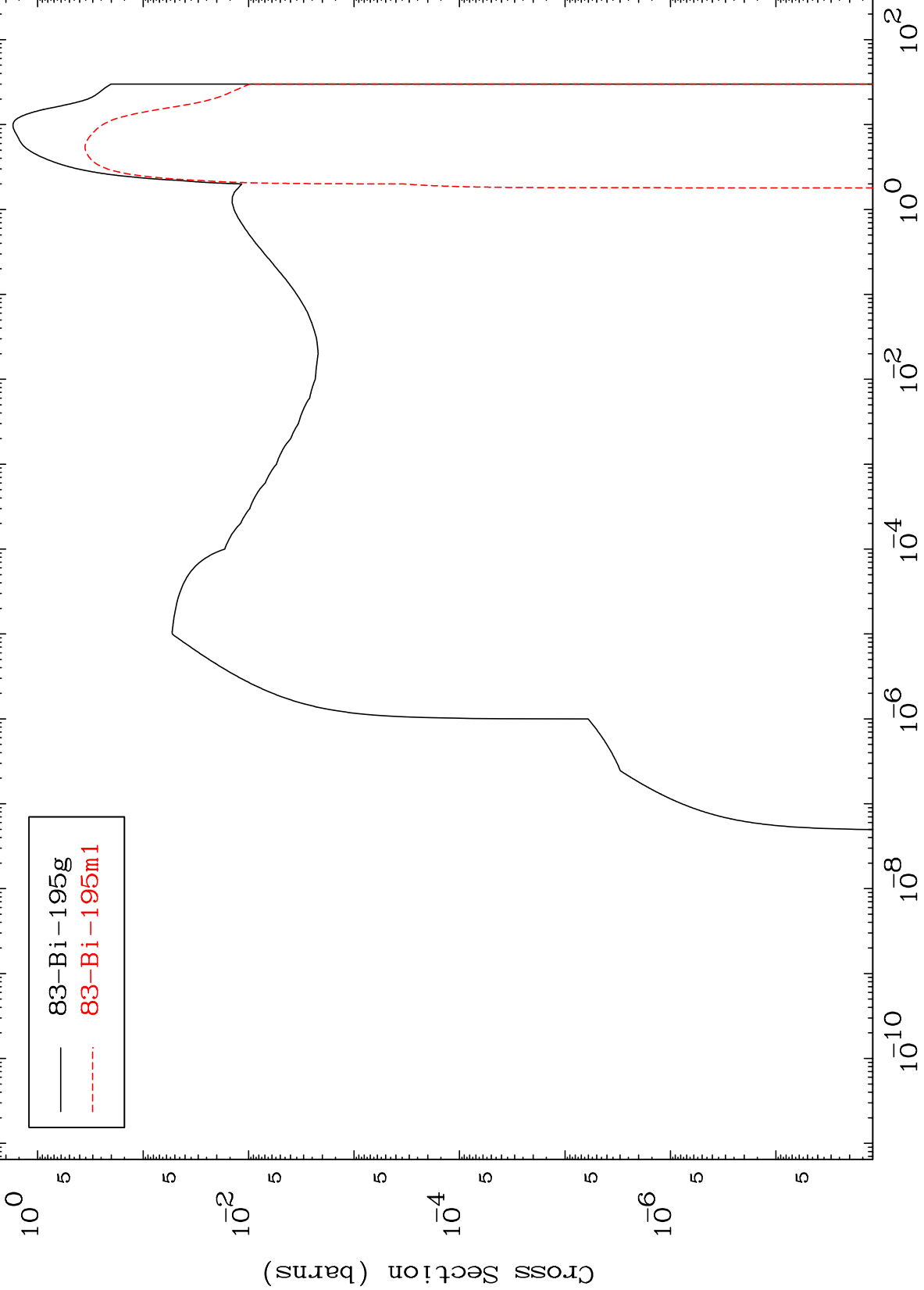


- P21
- P22
- P23
- P24
- P25
- P26
- P27
- P28

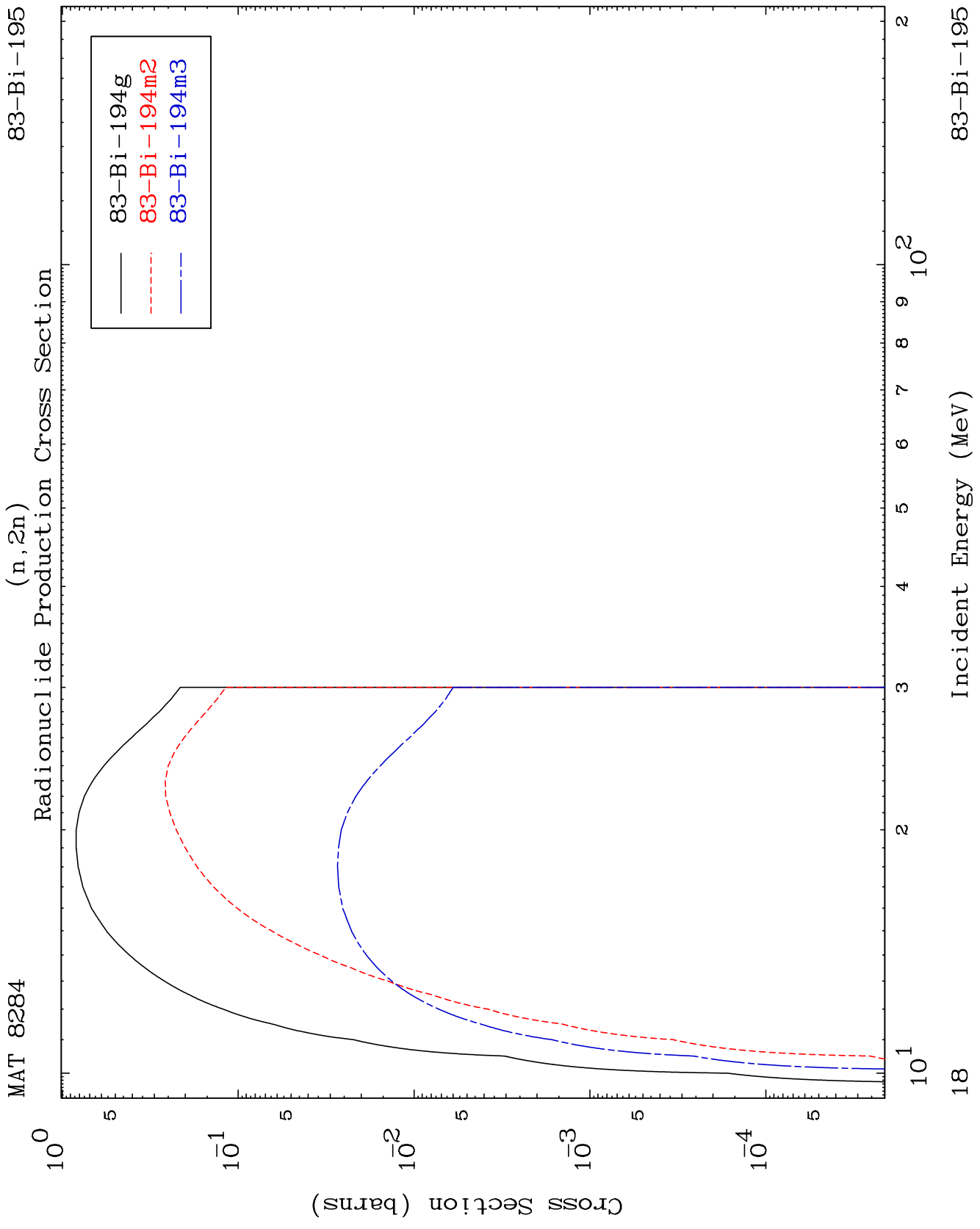
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Inelastic
Radionuclide Production Cross Section

83-Bi-195



83-Bi-195g
83-Bi-195m1

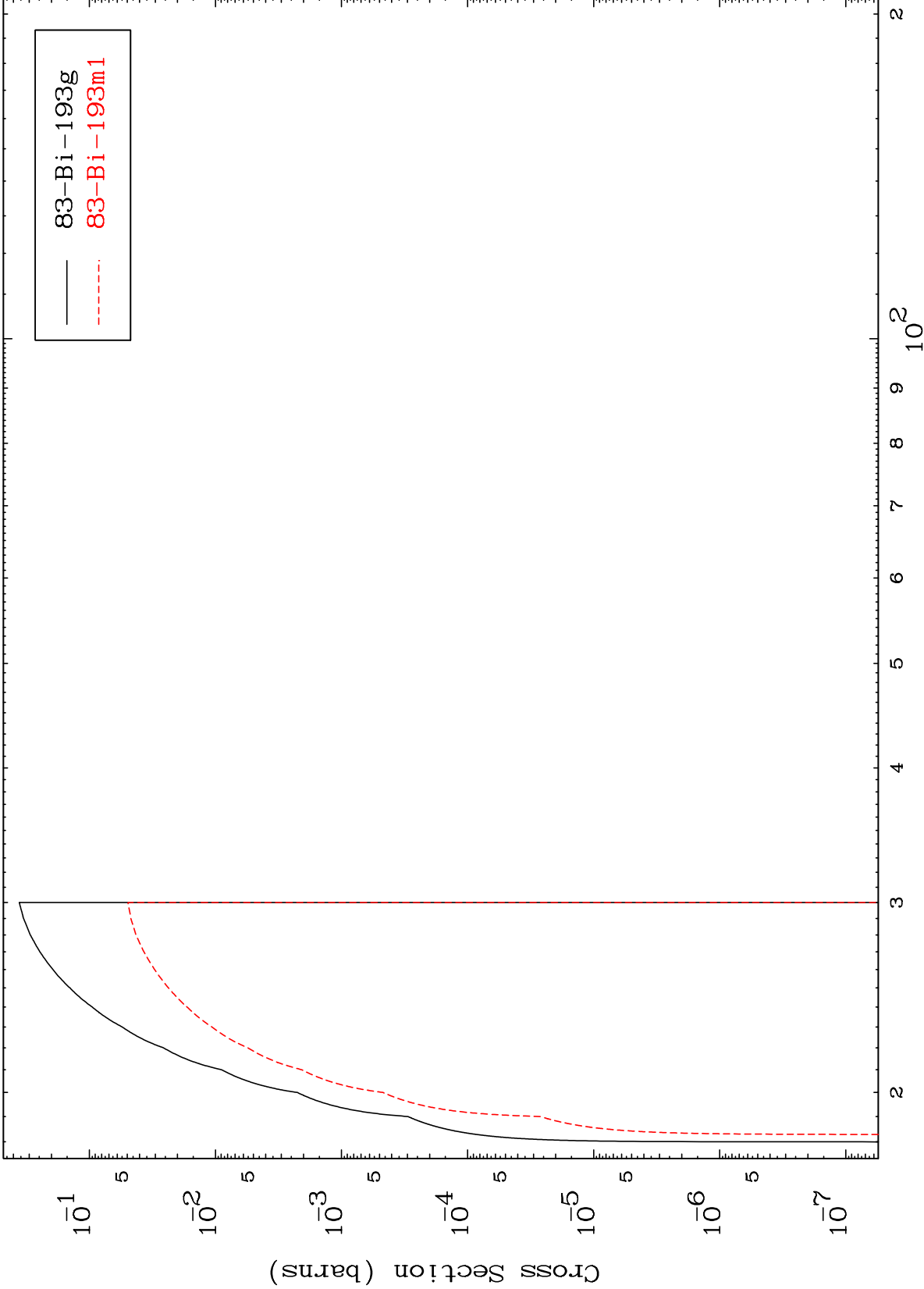


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(n,3n)

83-Bi-195

Radionuclide Production Cross Section



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

19

Incident Energy (MeV)

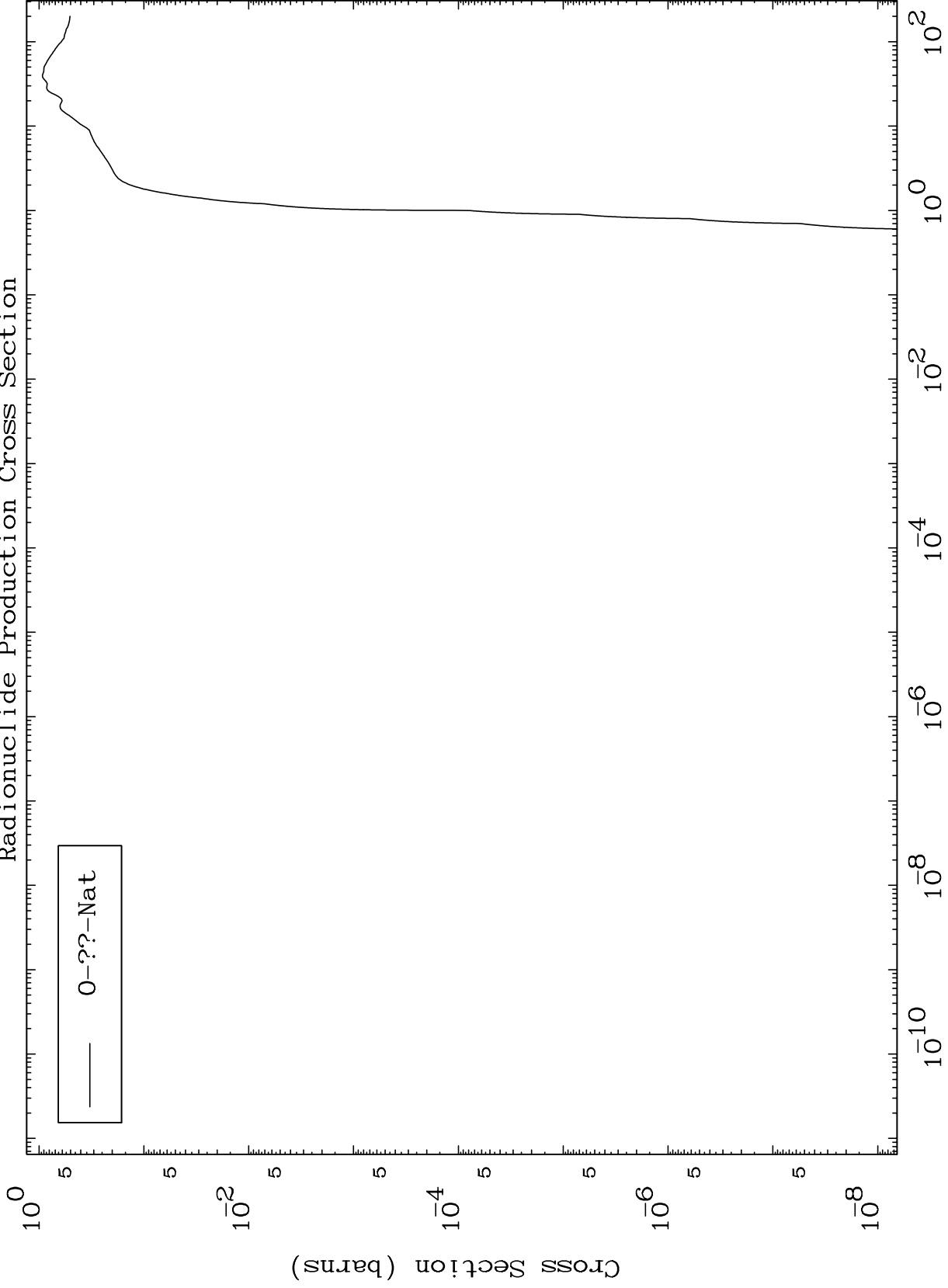
83-Bi-195

MAT 8284

Fission

83-Bi-195

Radionuclide Production Cross Section

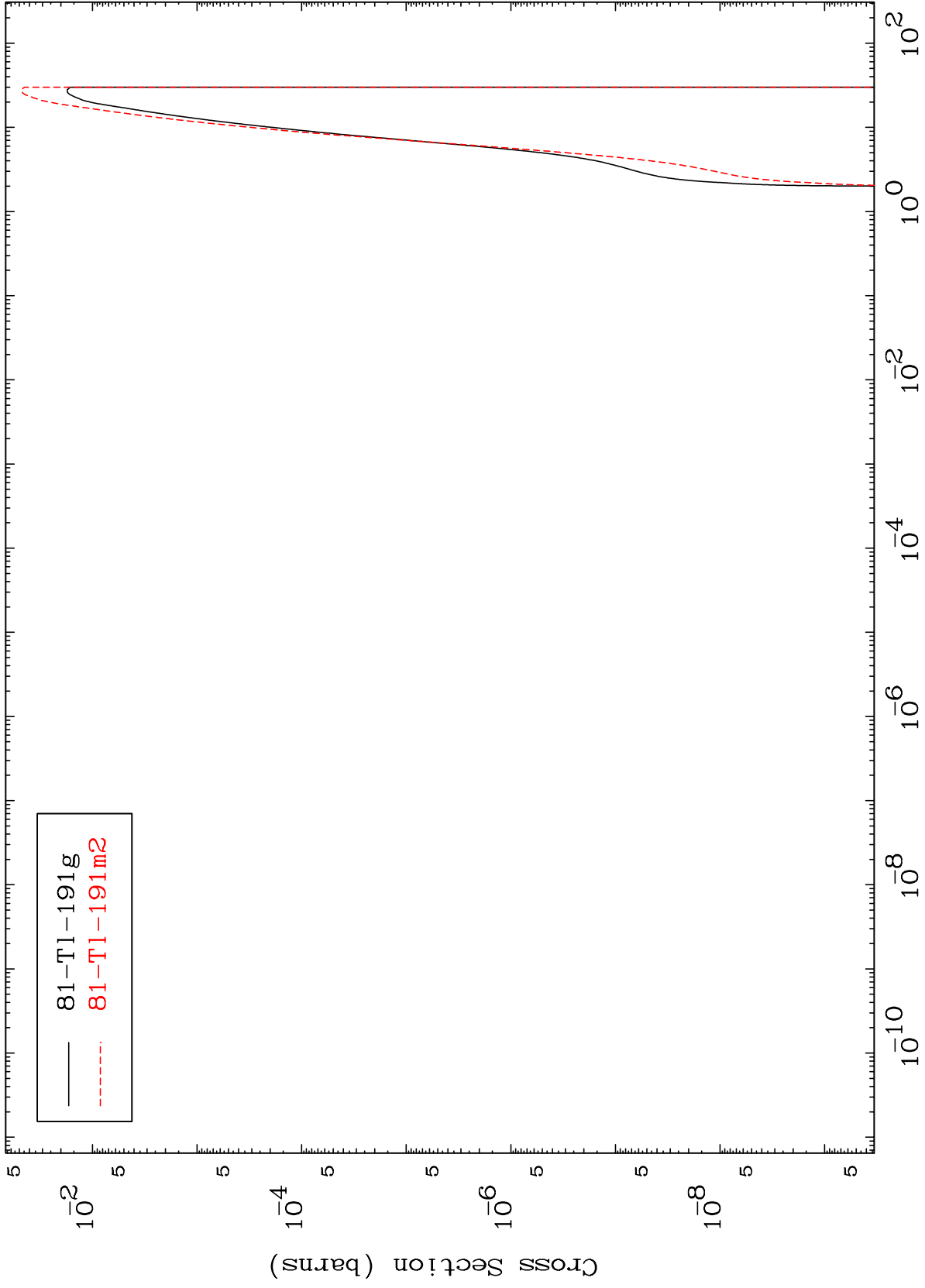


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$(n, n') \alpha$

83-Bi-195

Radionuclide Production Cross Section



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

Incident Energy (MeV)

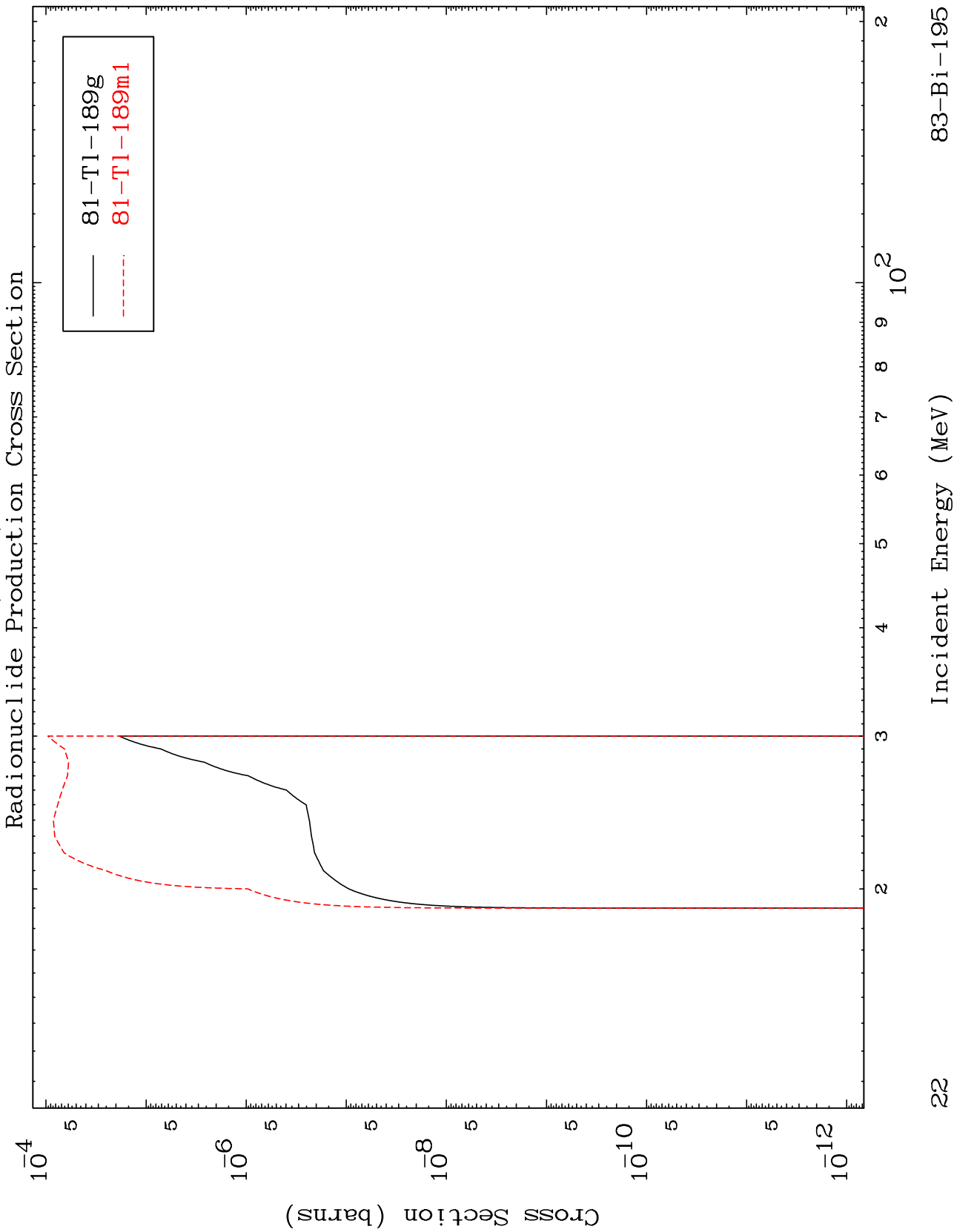
83-Bi-195

21

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(n,3n) α

83-Bi-195

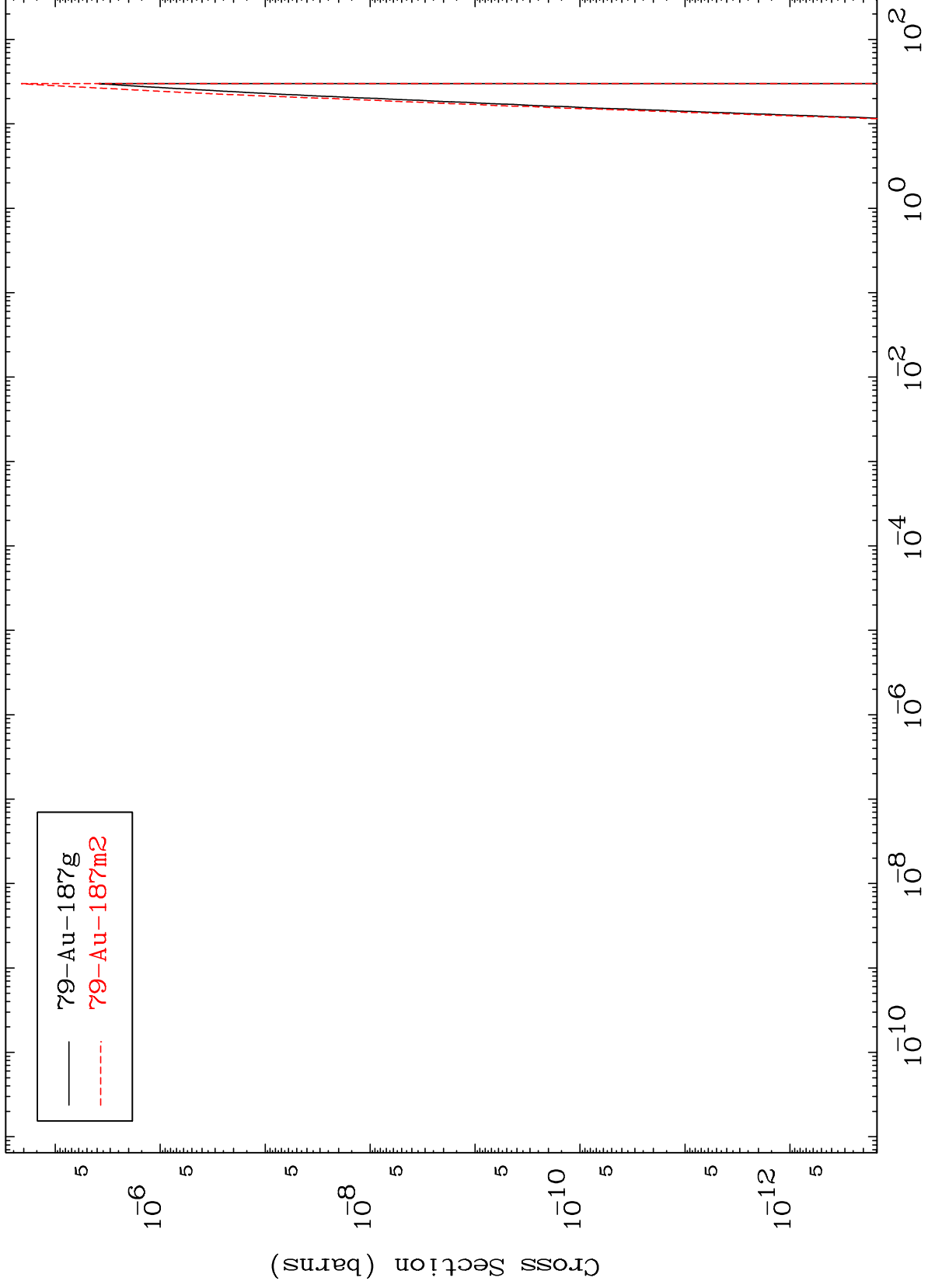


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(n,n') 2 α

83-Bi-195

Radionuclide Production Cross Section

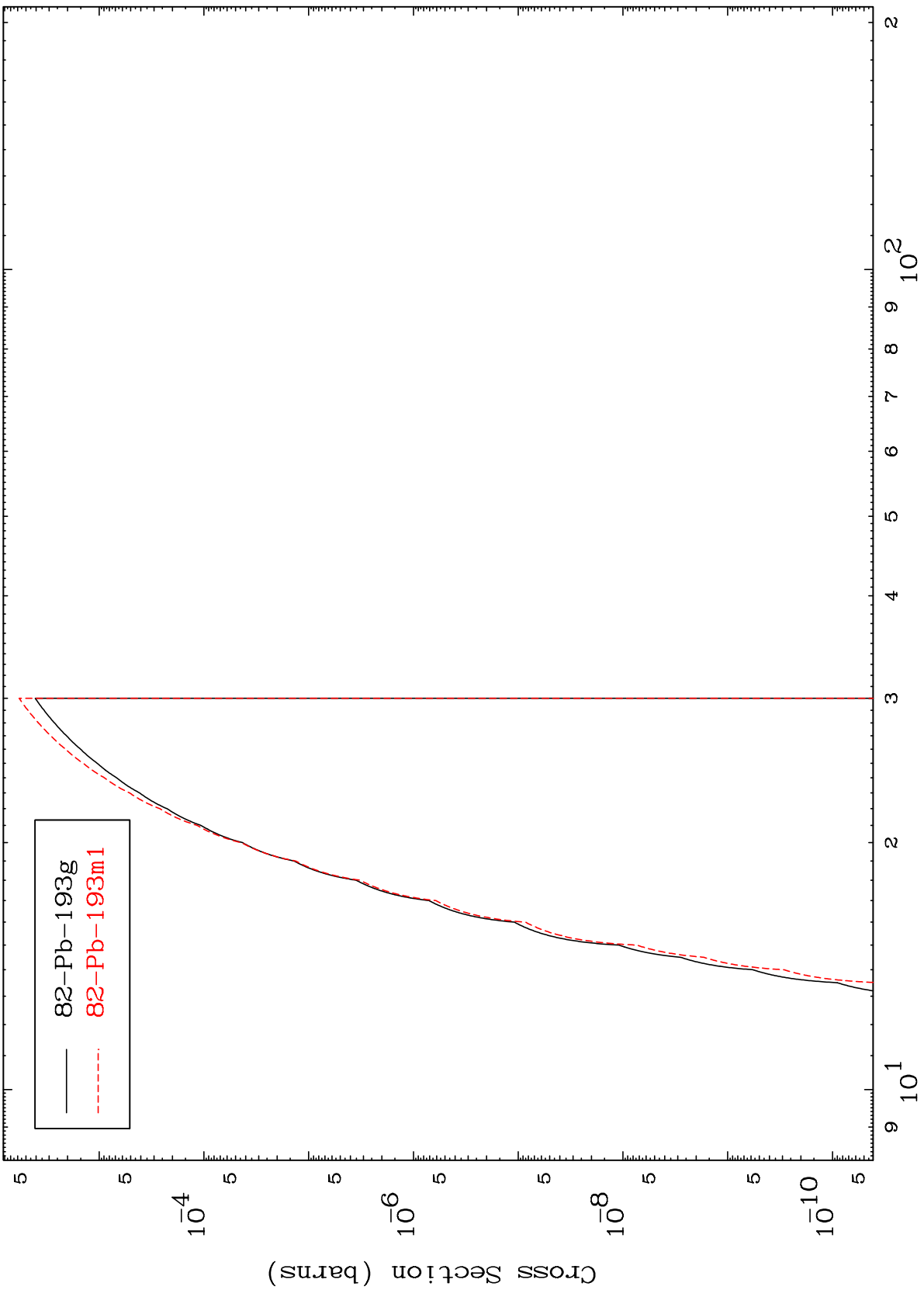


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(n,n') d

83-Bi-195

Radionuclide Production Cross Section



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

24

Incident Energy (MeV)

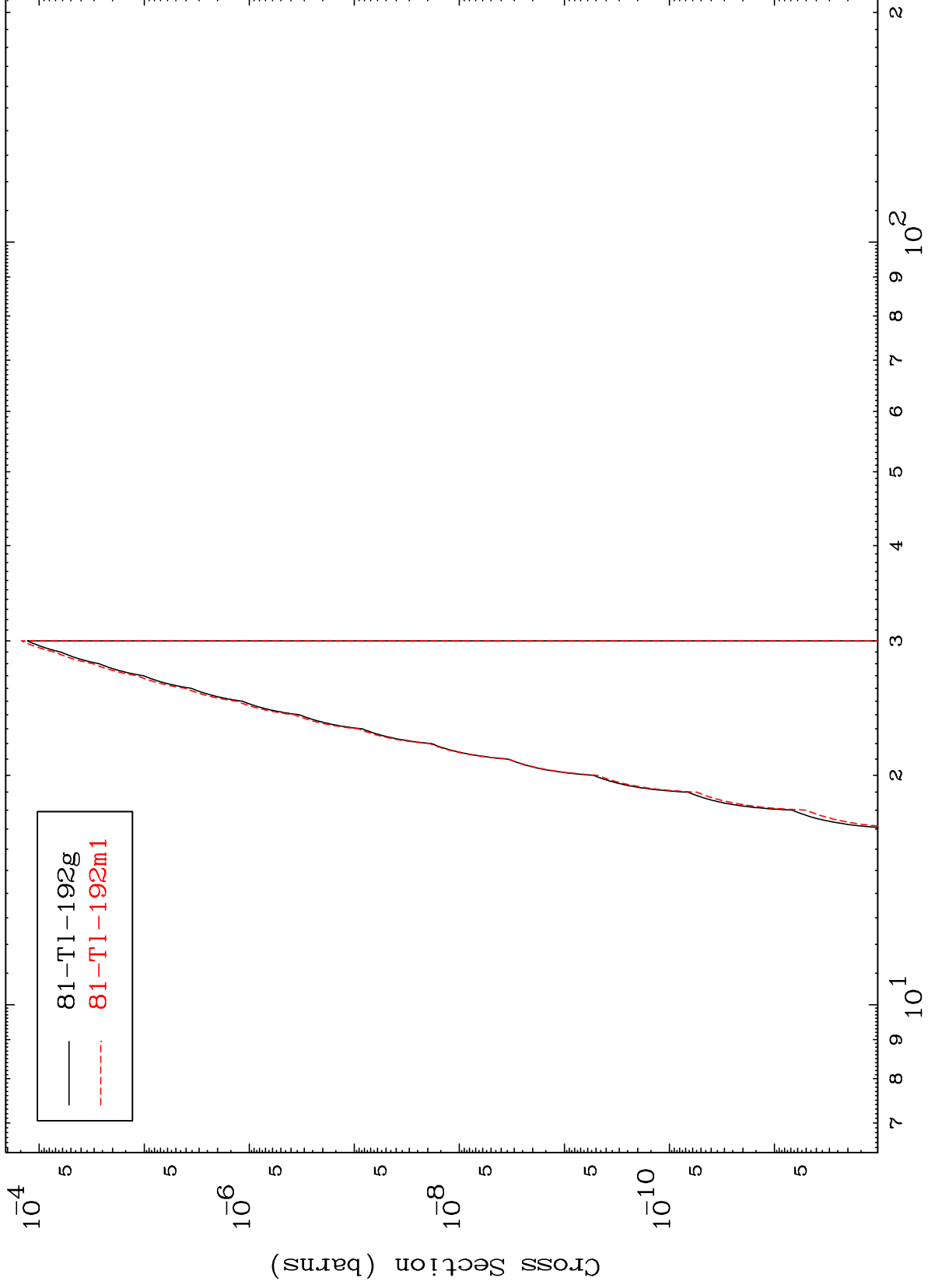
83-Bi-195

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(n,n') He-3

83-Bi-195

Radionuclide Production Cross Section



25

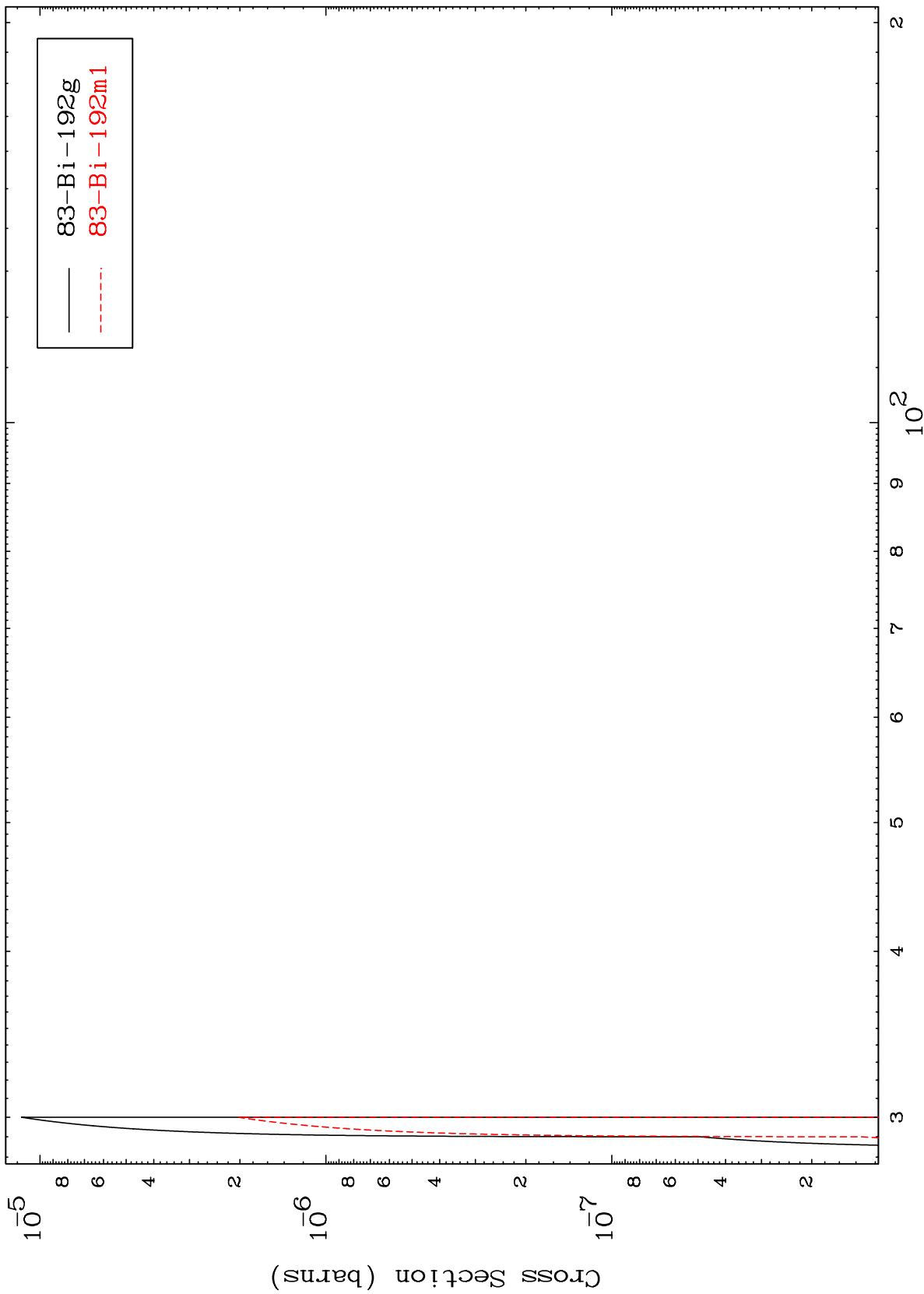
Incident Energy (MeV)

83-Bi-195

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83-Bi-195

(n,4n)
Radionuclide Production Cross Section



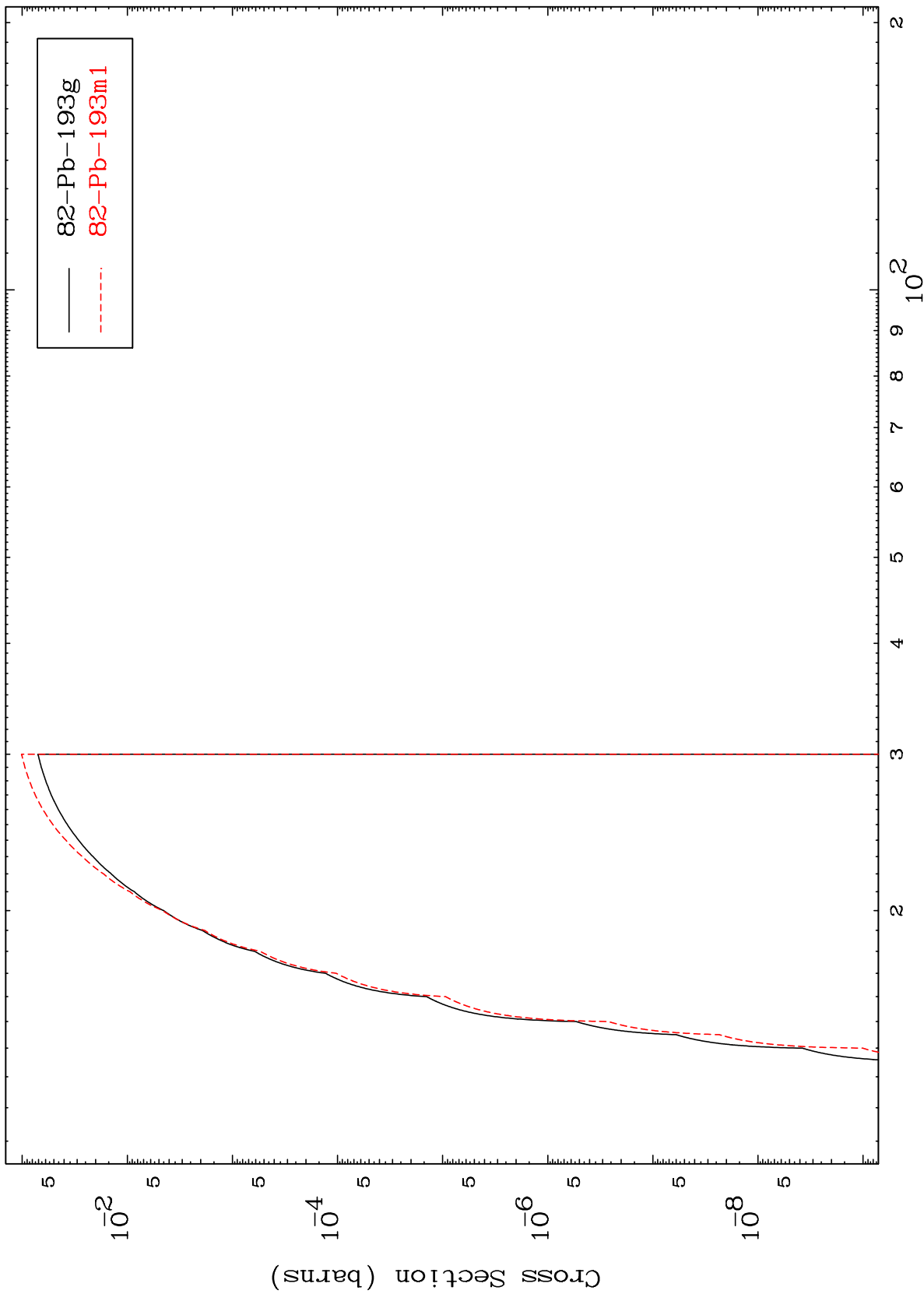
83-Bi-192g
83-Bi-192m1

26

83-Bi-195

Incident Energy (MeV)

Radionuclide Production Cross Section



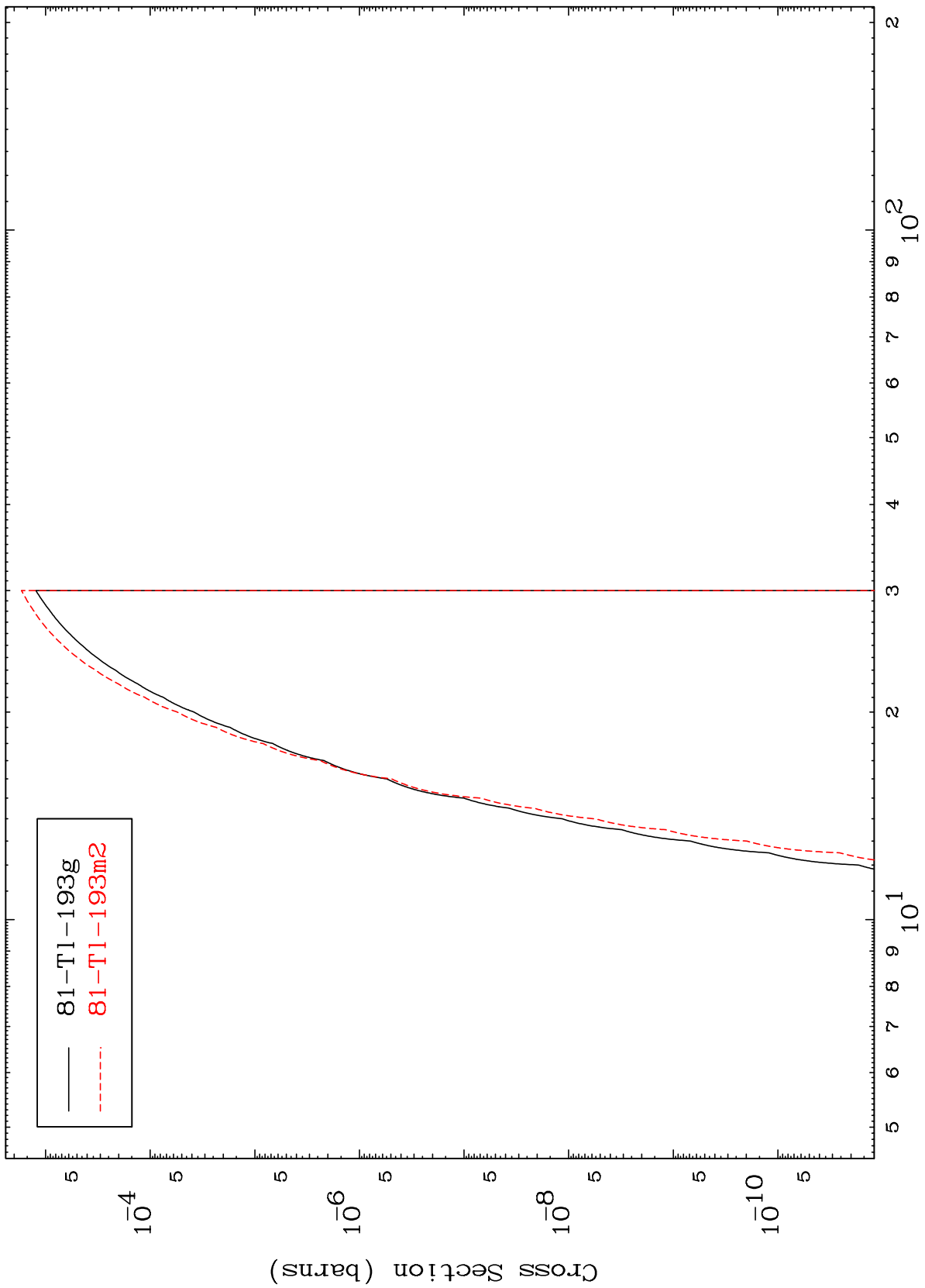
82-Pb-193g
82-Pb-193m1

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(n,2n) p

83-Bi-195

Radionuclide Production Cross Section



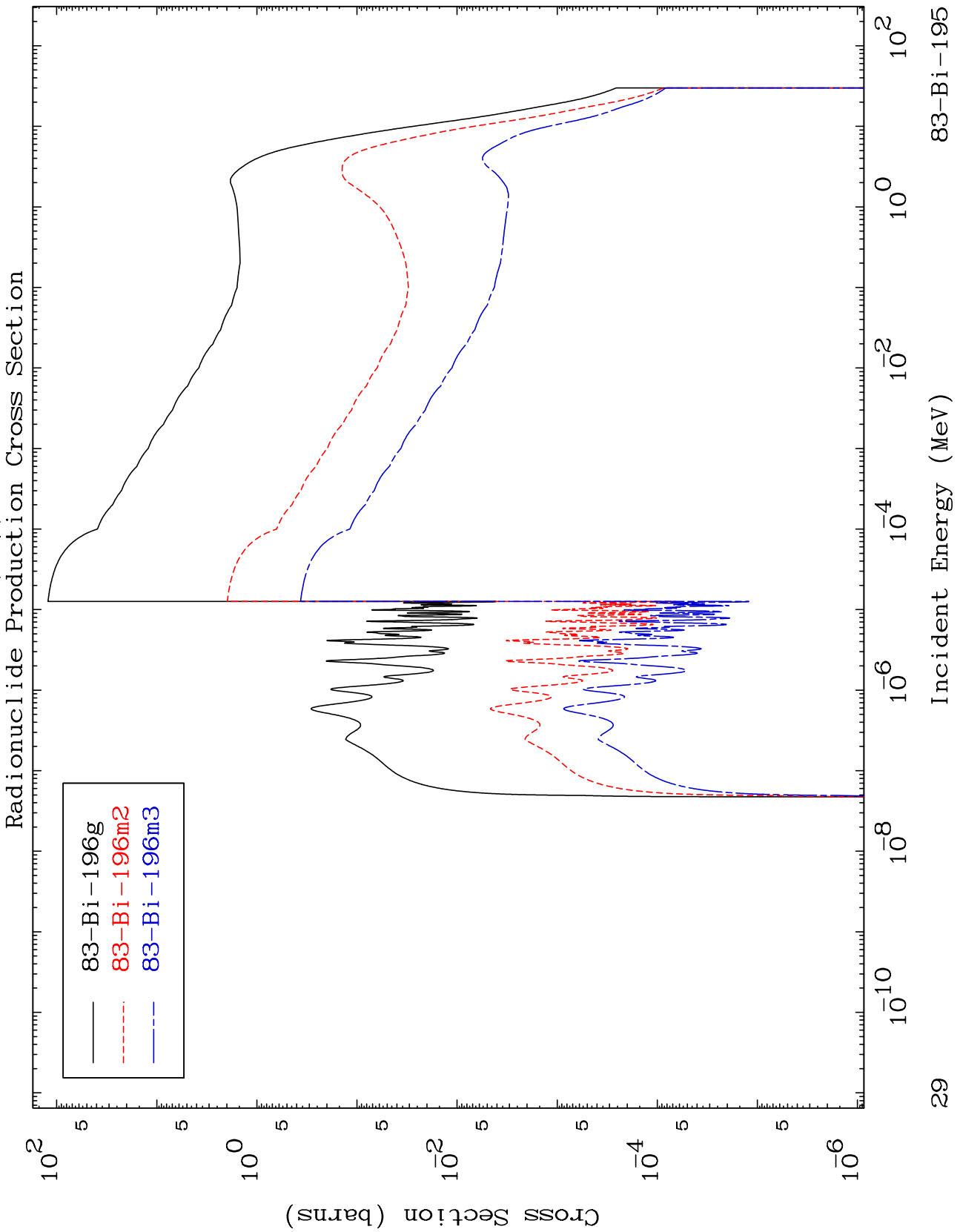
28

Incident Energy (MeV)

83-Bi-195

MAT 8284

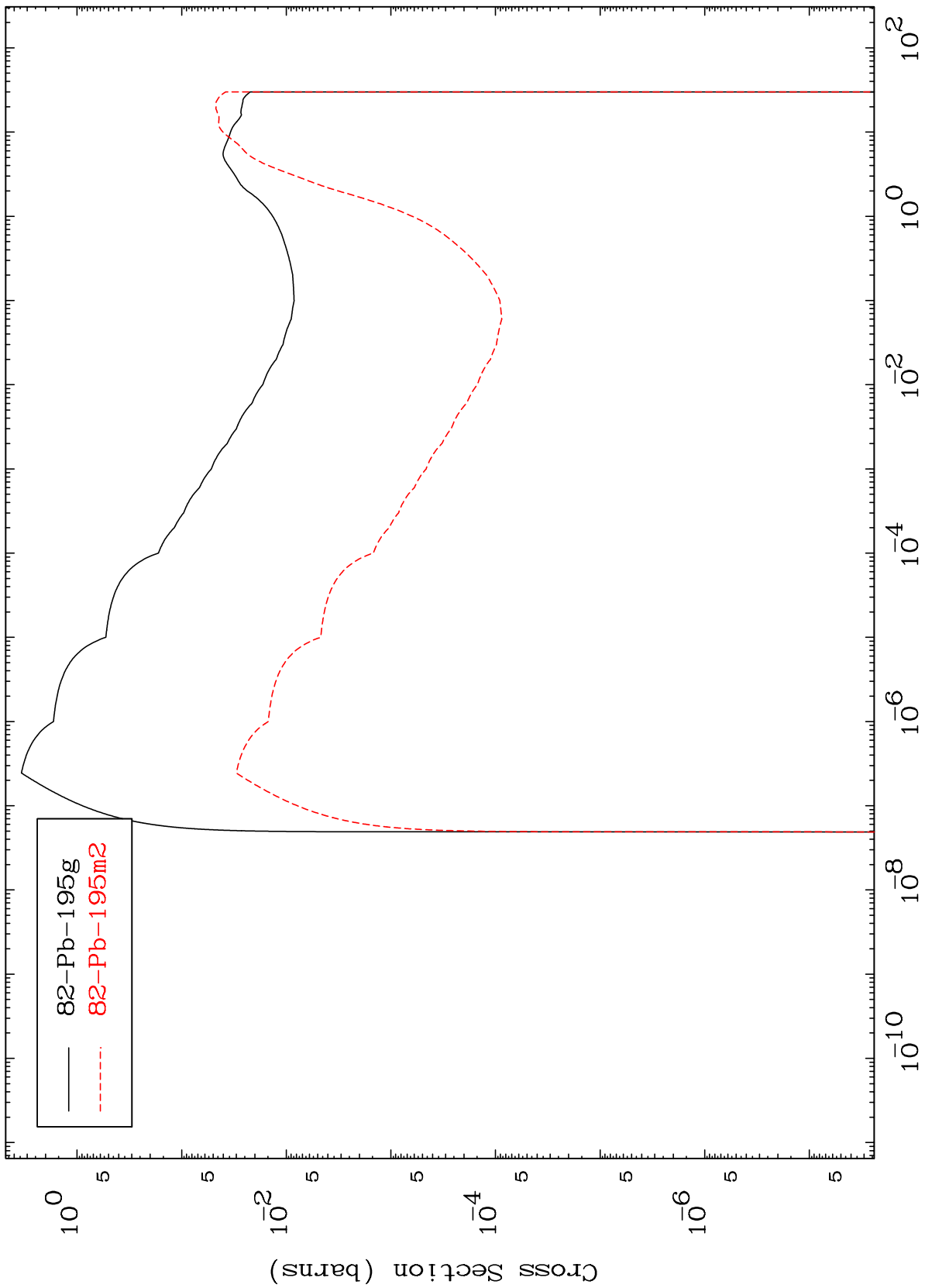
$^{83}\text{Bi}-195$



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83-Bi-195

(n,p)
Radionuclide Production Cross Section



— 82-Pb-195g
- - - 82-Pb-195m2

83-Bi-195

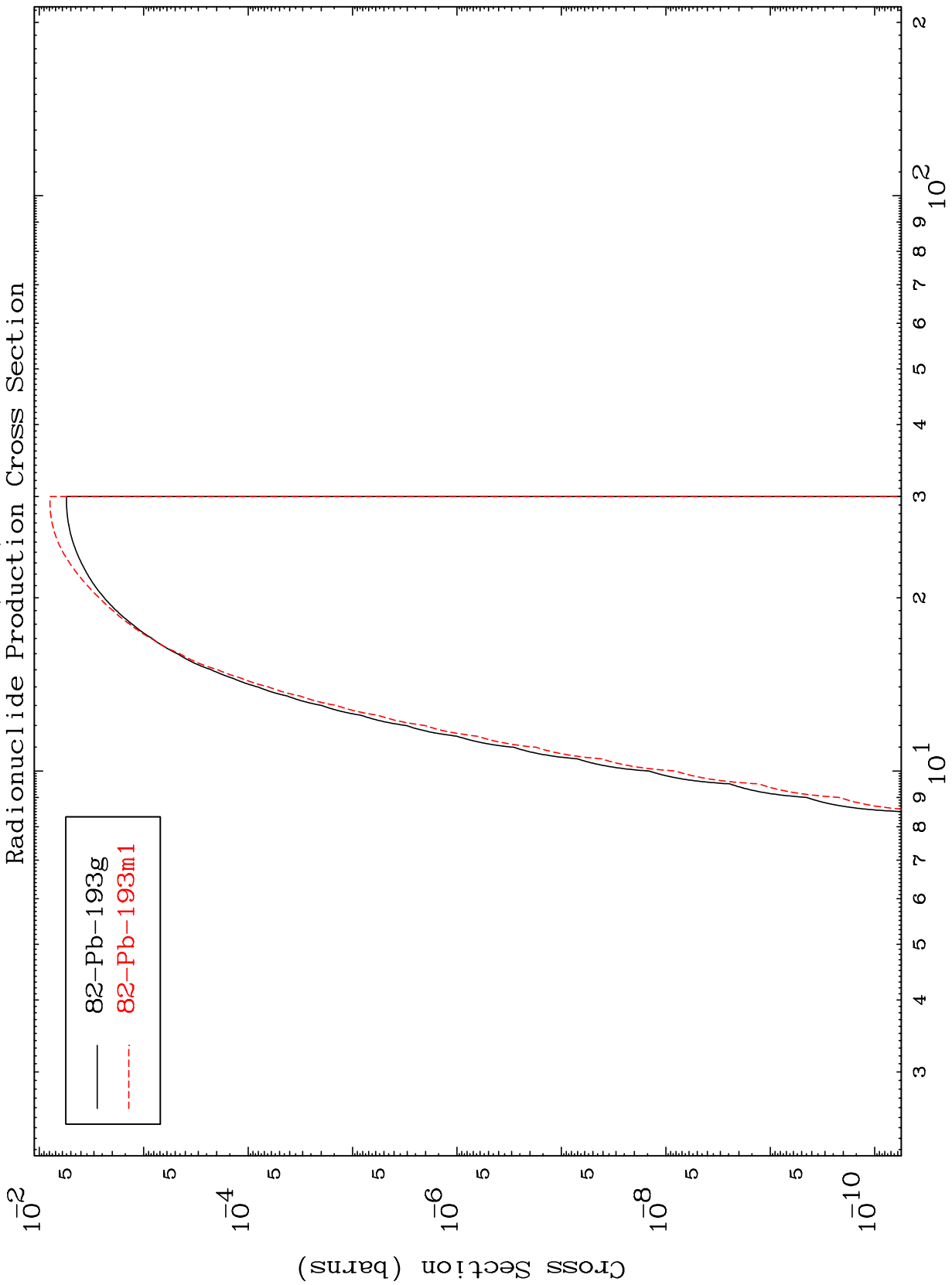
Incident Energy (MeV)

30

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83-Bi-195

(n, t)
Radionuclide Production Cross Section

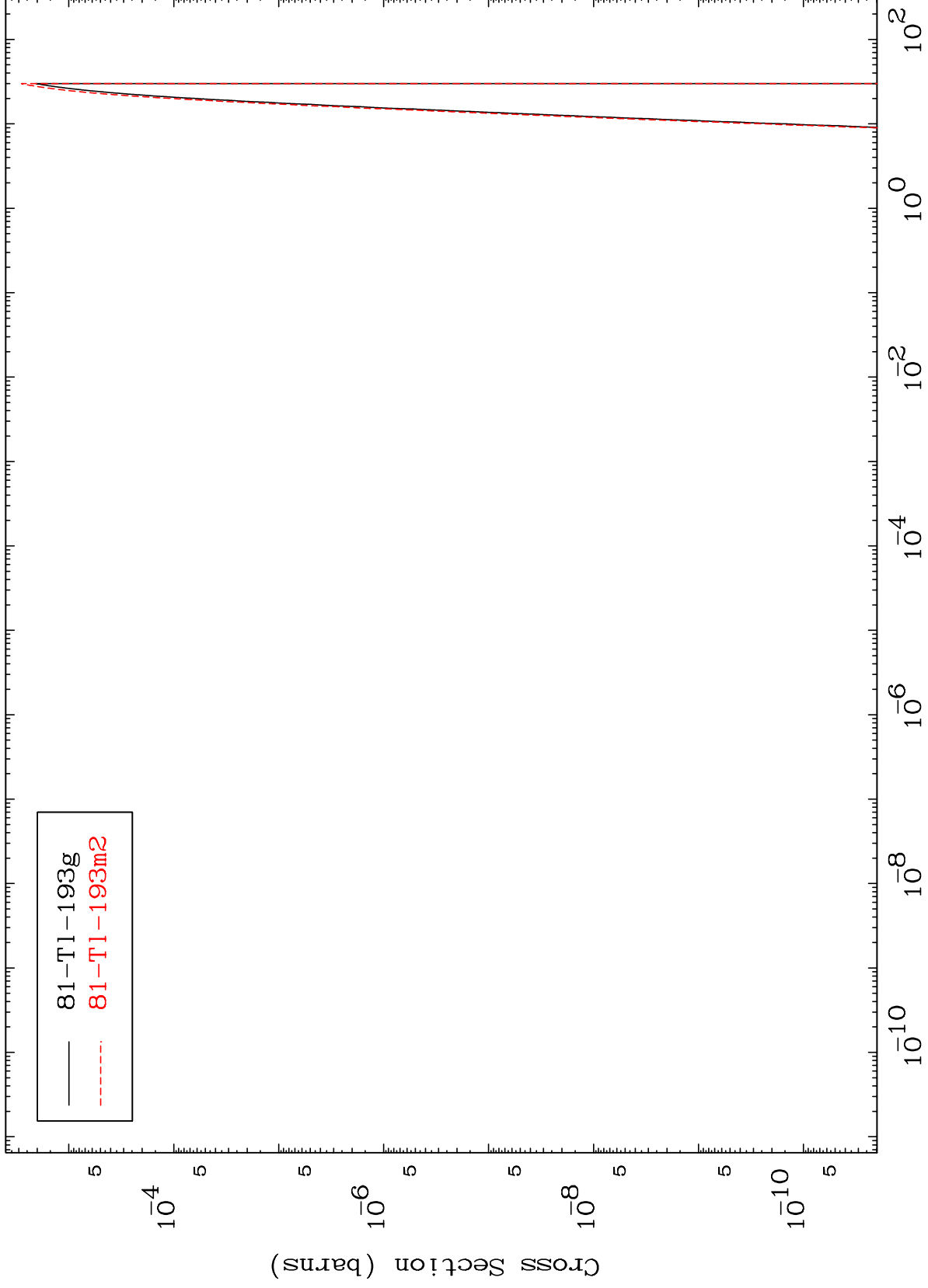


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(n,He-3)

83-Bi-195

Radionuclide Production Cross Section



32

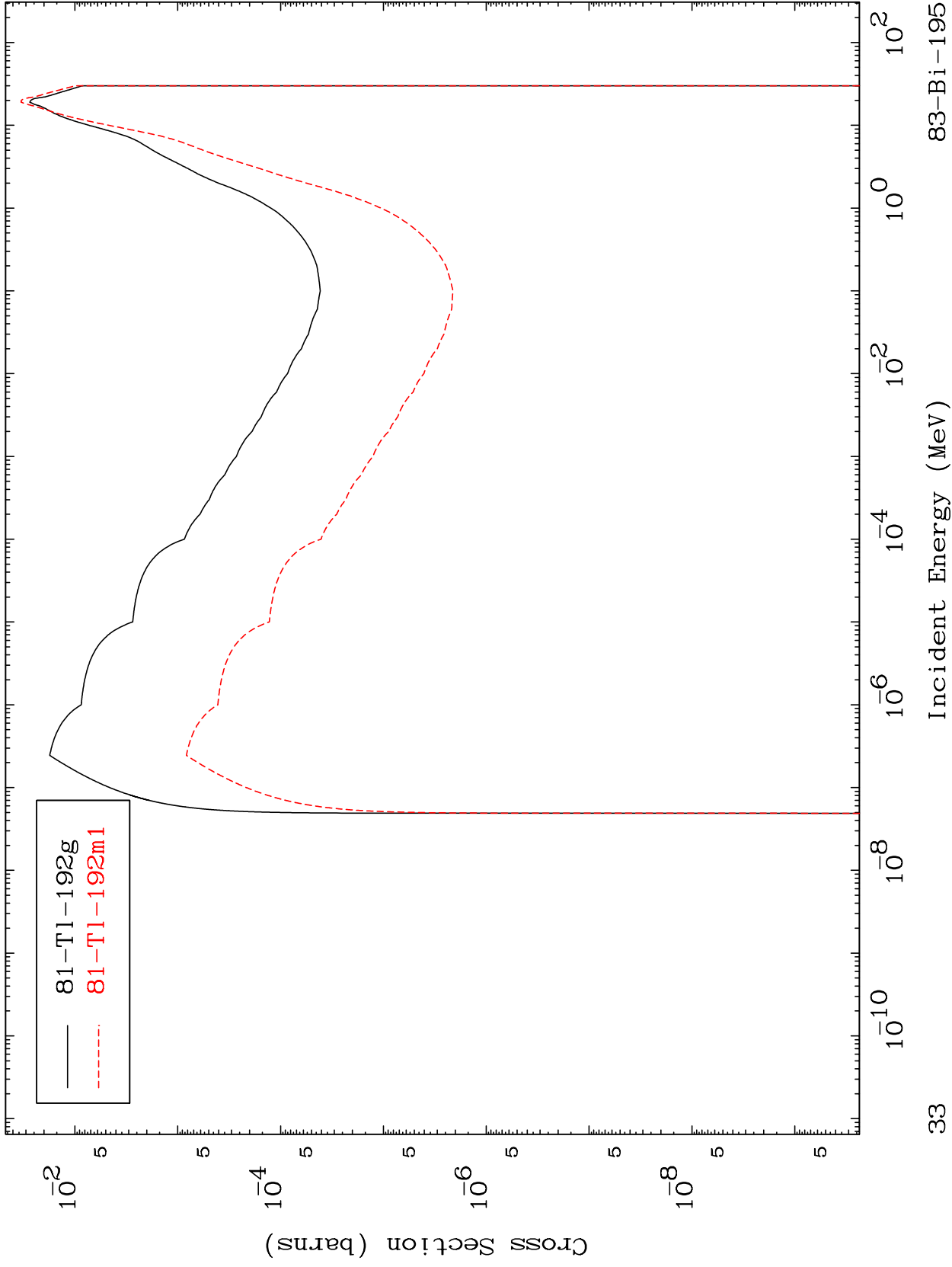
Incident Energy (MeV)

83-Bi-195

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⁸³Bi-195

(n,α)
Radionuclide Production Cross Section

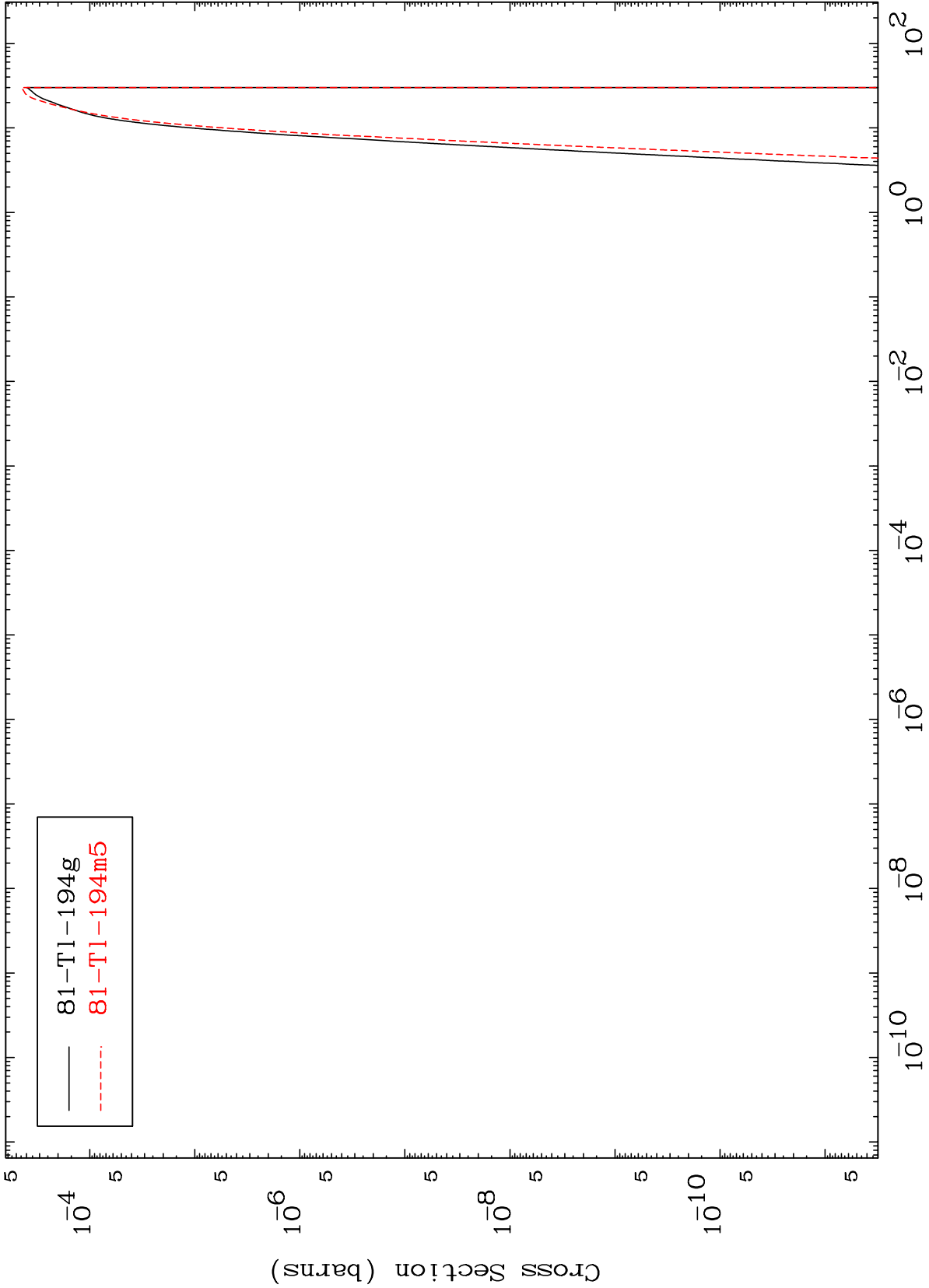


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(n,2p)

83-Bi-195

Radionuclide Production Cross Section



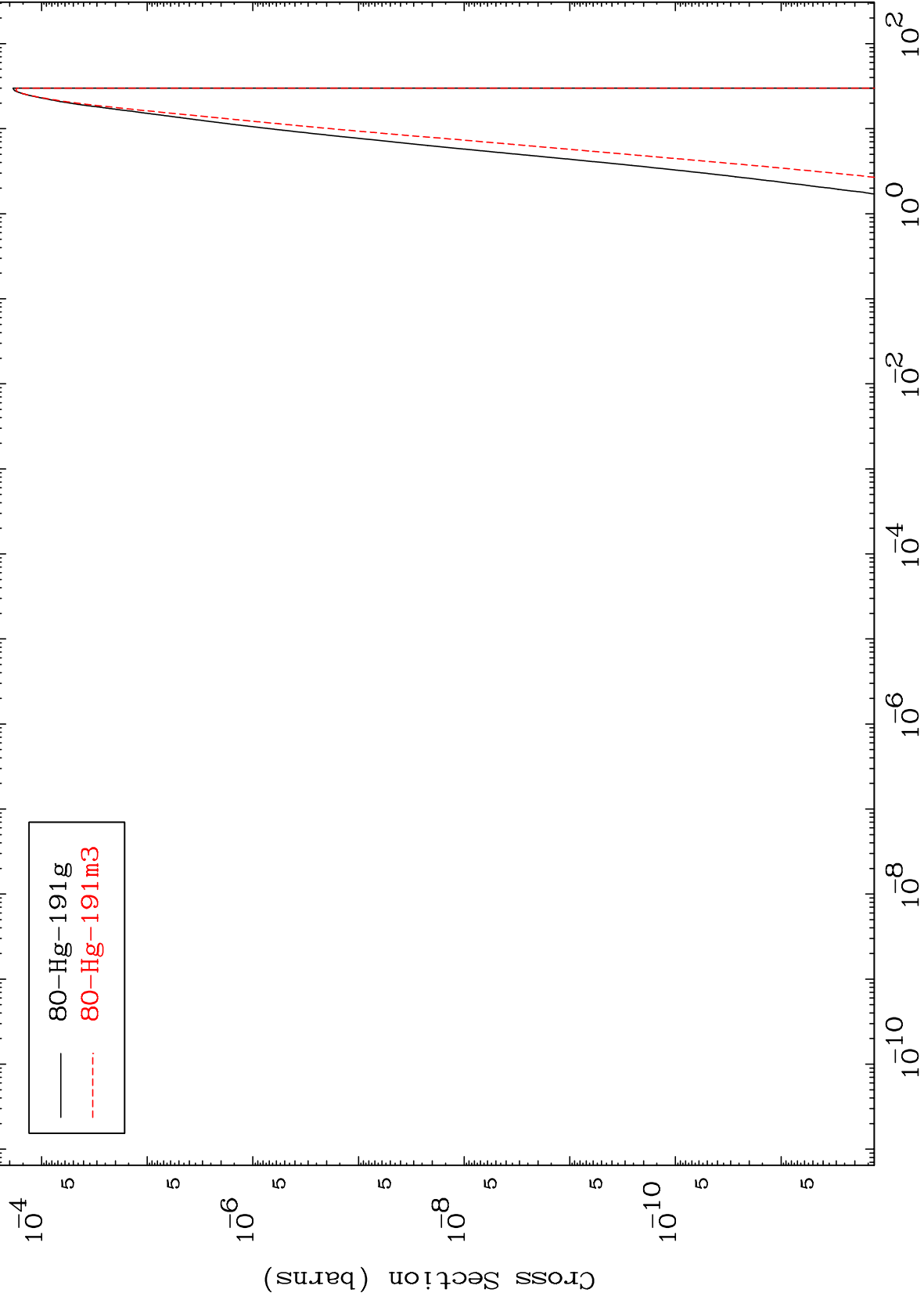
81-Tl-194g
81-Tl-194m5

MAT 8284

(n,p) α

83-Bi-195

Radionuclide Production Cross Section



35

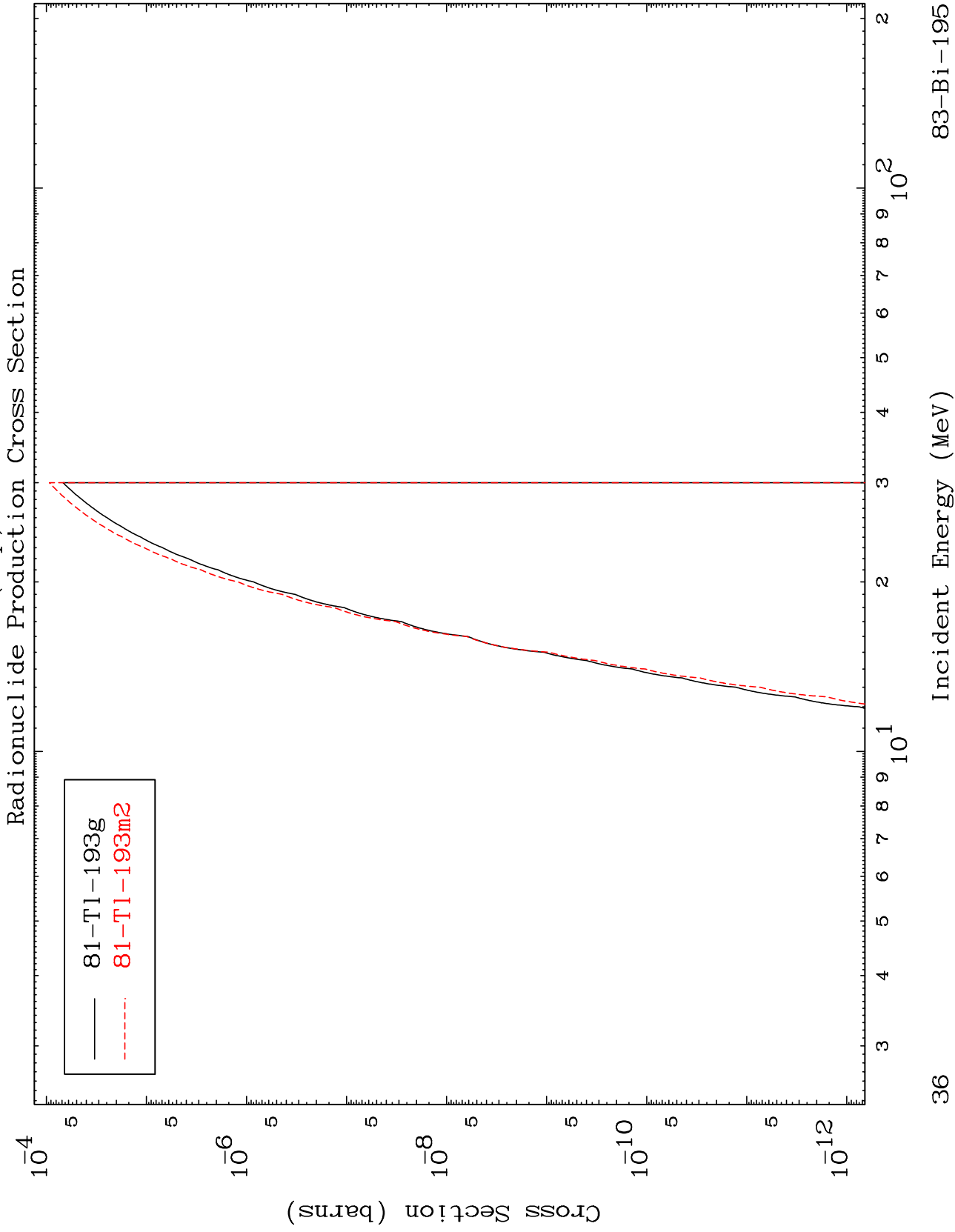
Incident Energy (MeV)

83-Bi-195

MAT 8284

(n,p) d

83-Bi-195



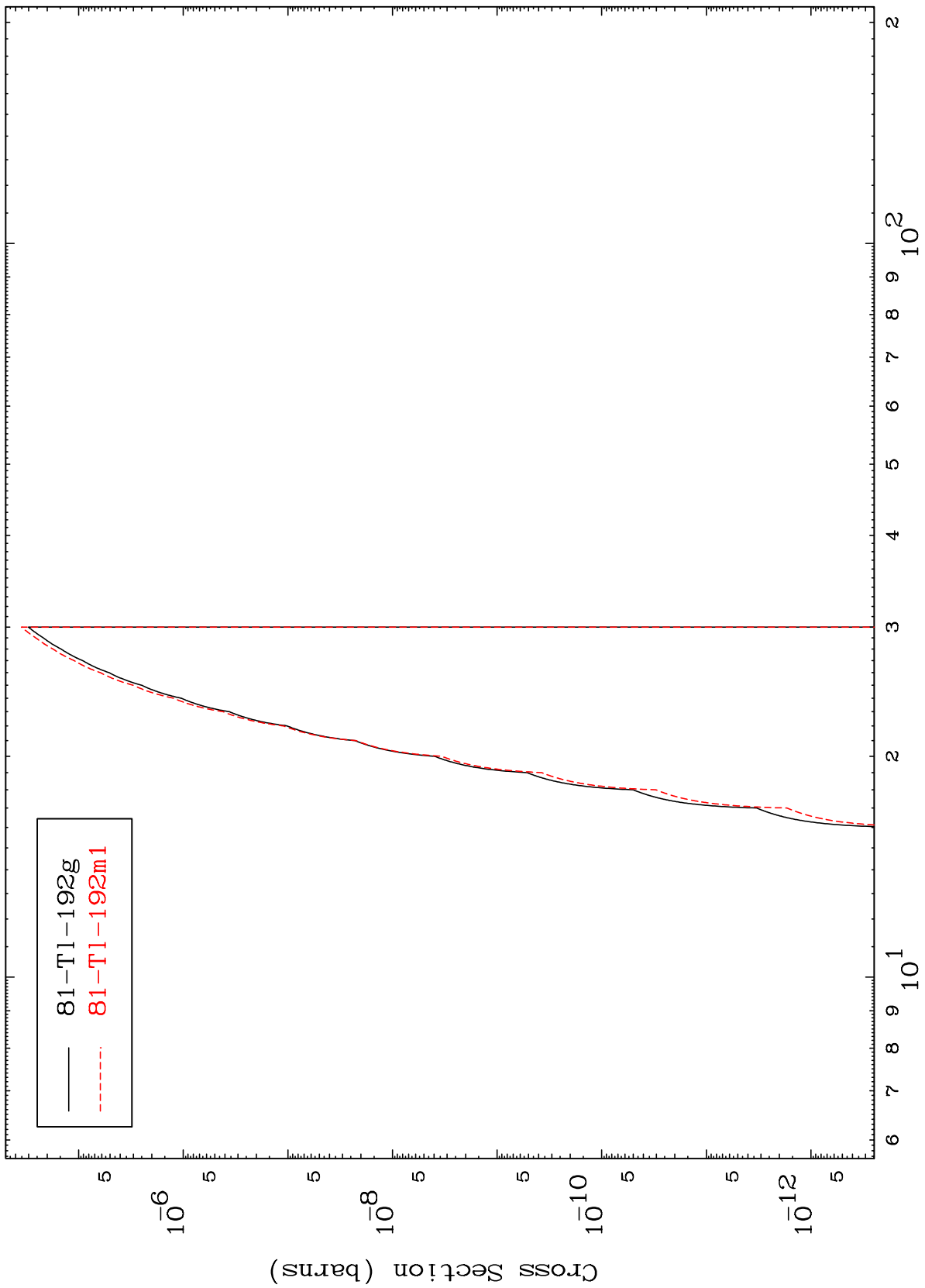
36

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(n,p) t

83-Bi-195

Radionuclide Production Cross Section



37

Incident Energy (MeV)

83-Bi-195