

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

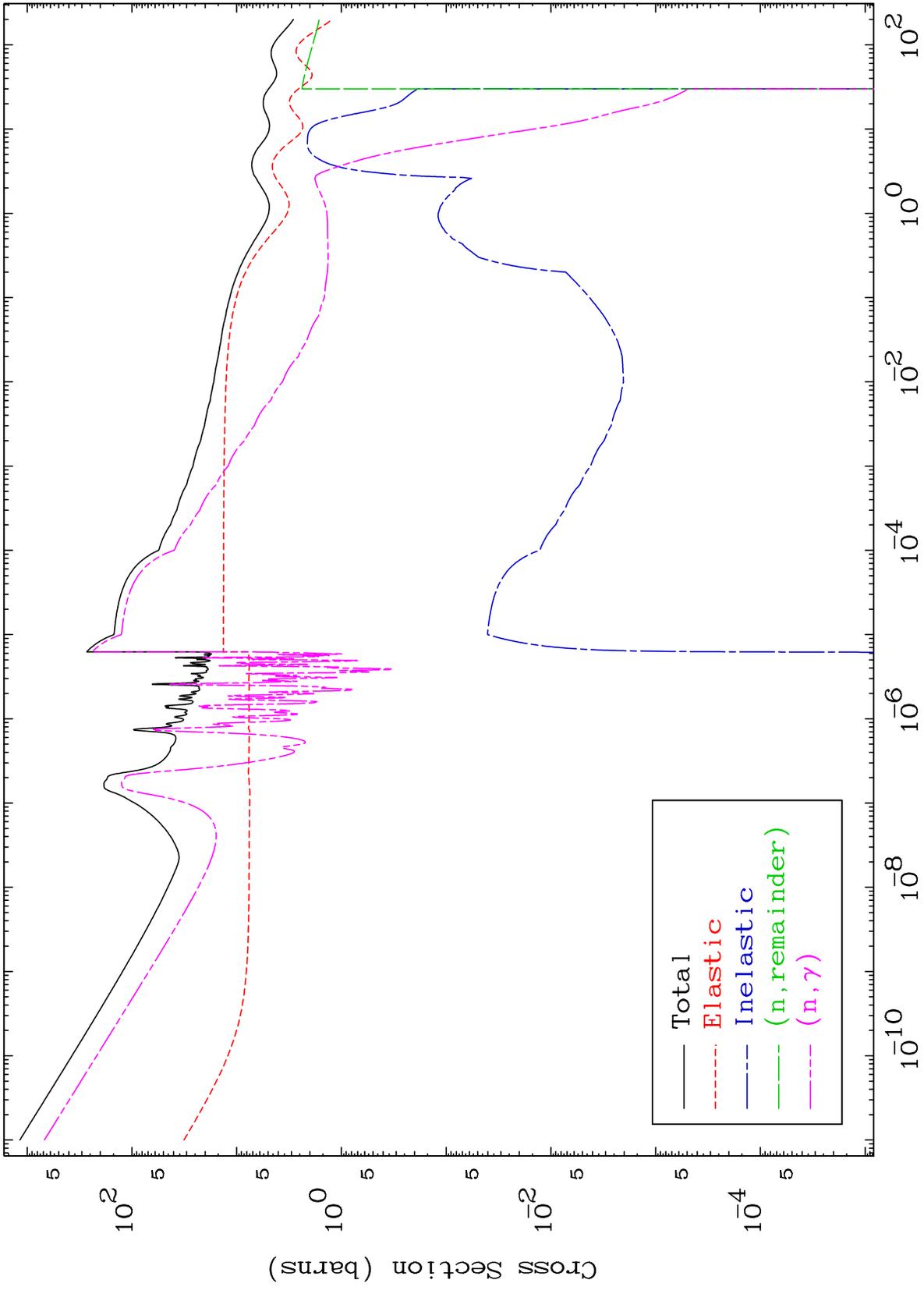
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8278

Major  
293 Kelvin Cross Sections

83-Bi-193

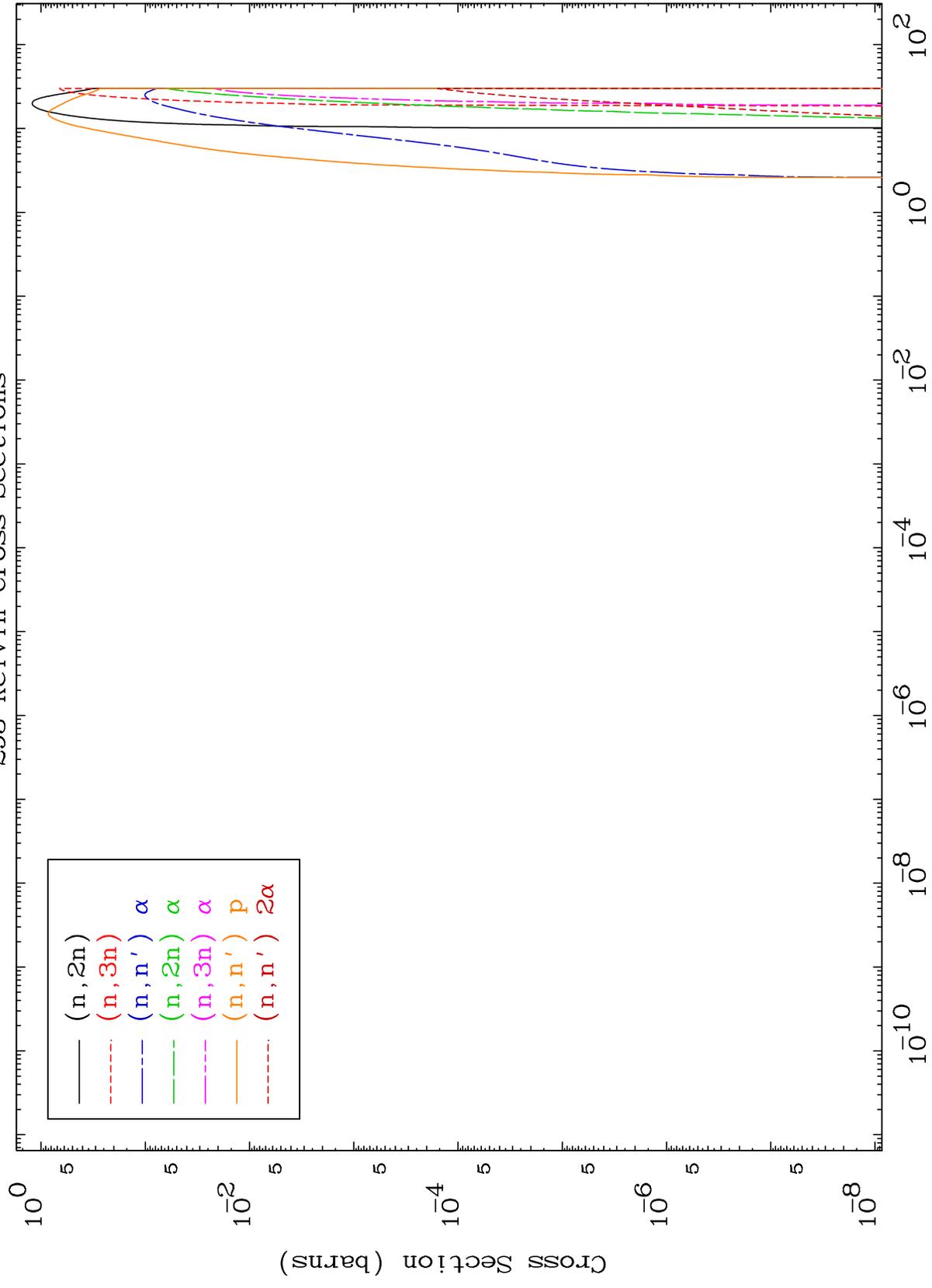


83-Bi-193

MAT 8278

Neutron Production  
293 Kelvin Cross Sections

83-Bi-193

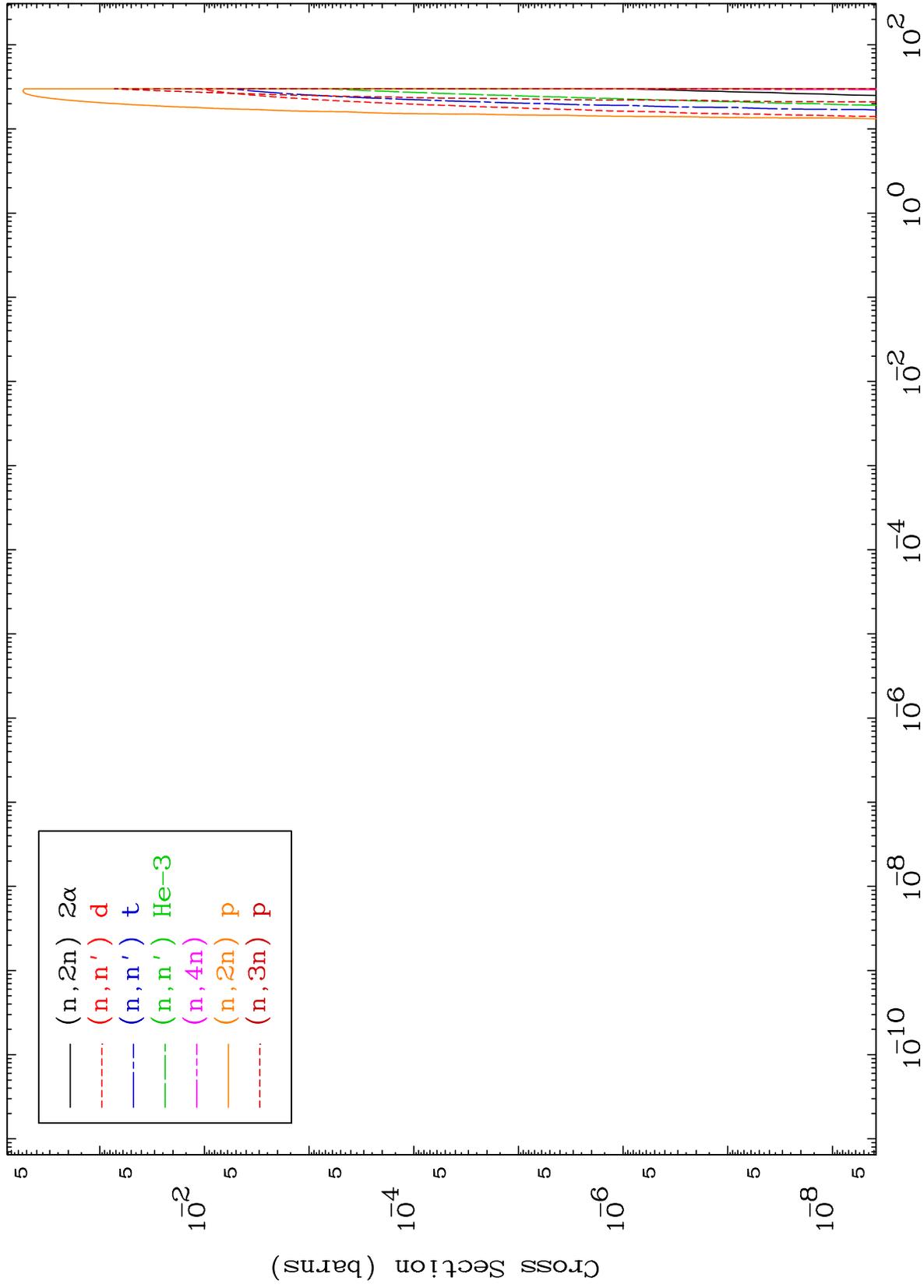


83-Bi-193

MAT 8278

Neutron Production  
293 Kelvin Cross Sections

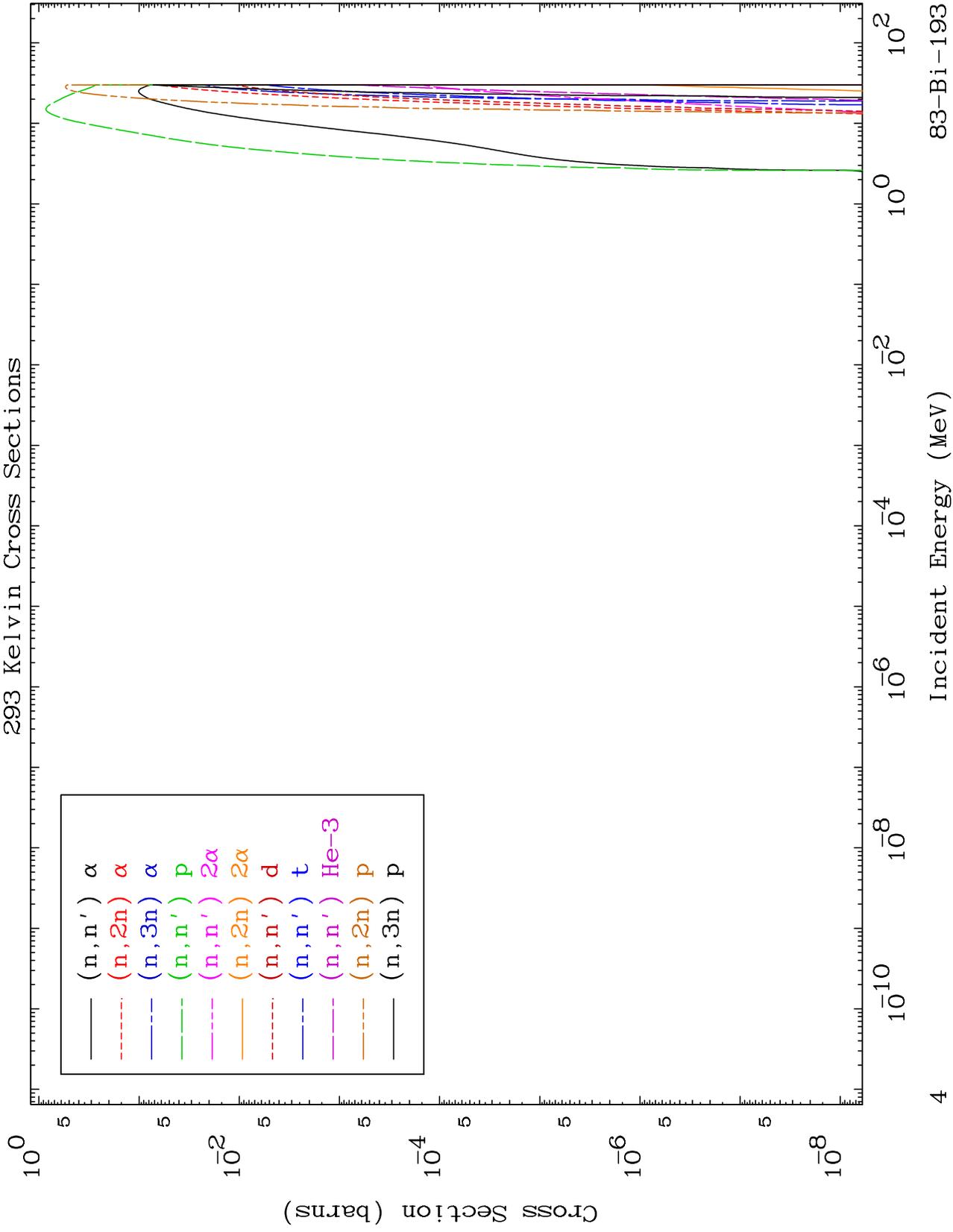
83-Bi-193



MAT 8278

Charged Particle  
293 Kelvin Cross Sections

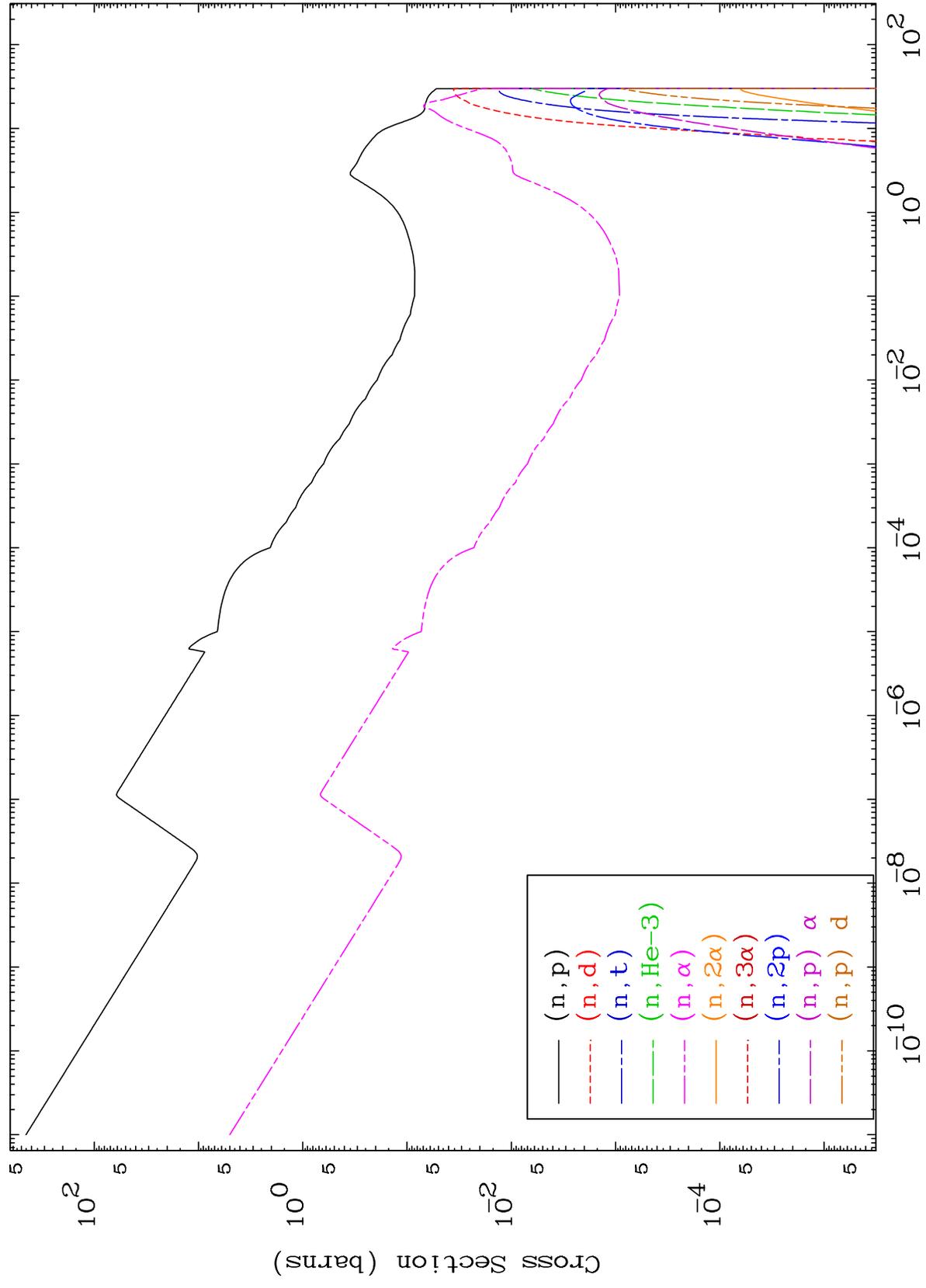
83-Bi-193



MAT 8278

Charged Particle  
293 Kelvin Cross Sections

83-Bi-193



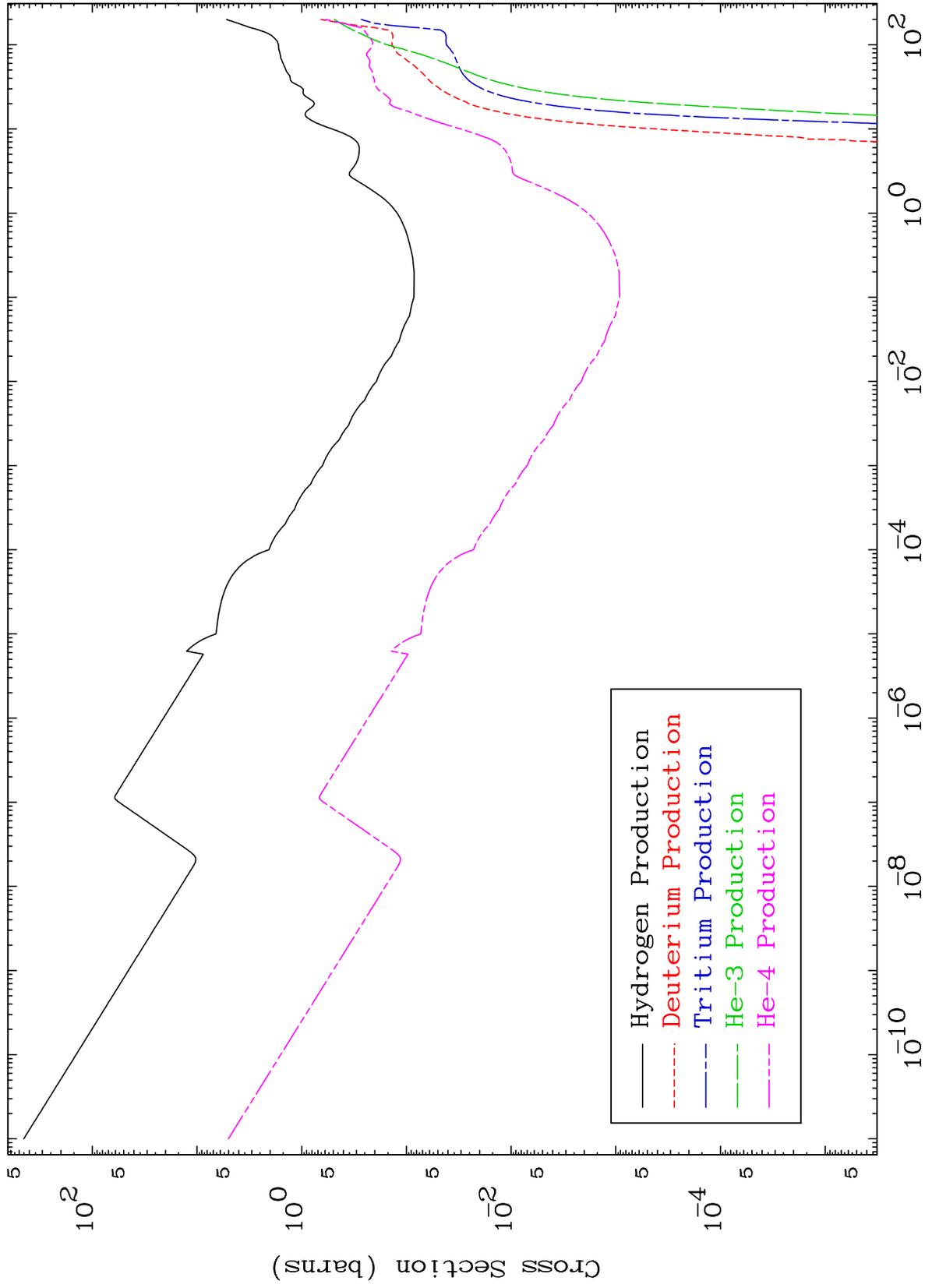
5

83-Bi-193

MAT 8278

Particle Production  
293 Kelvin Cross Sections

83-Bi-193



6

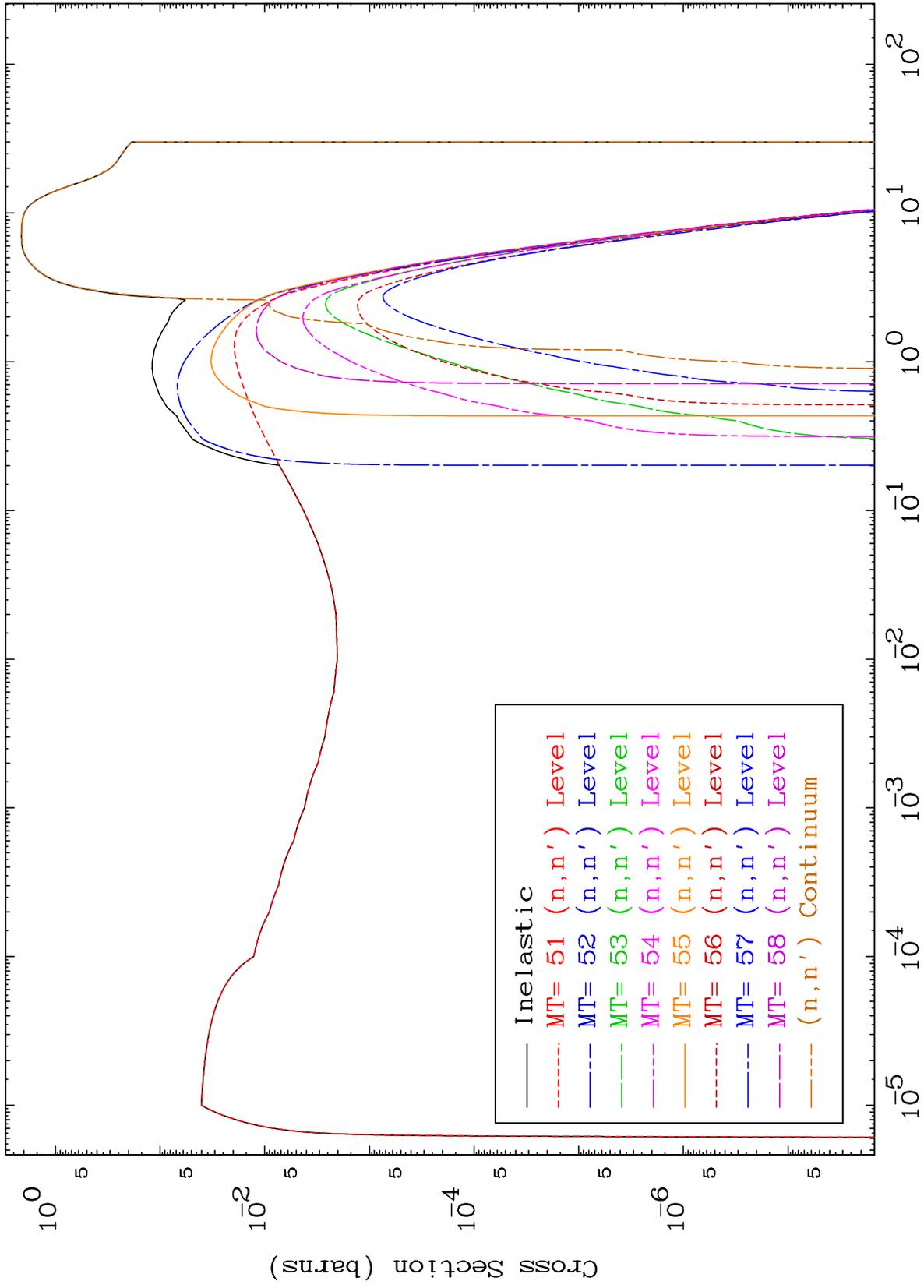
Incident Energy (MeV)

83-Bi-193

MAT 8278

(n,n') Level  
293 Kelvin Cross Sections

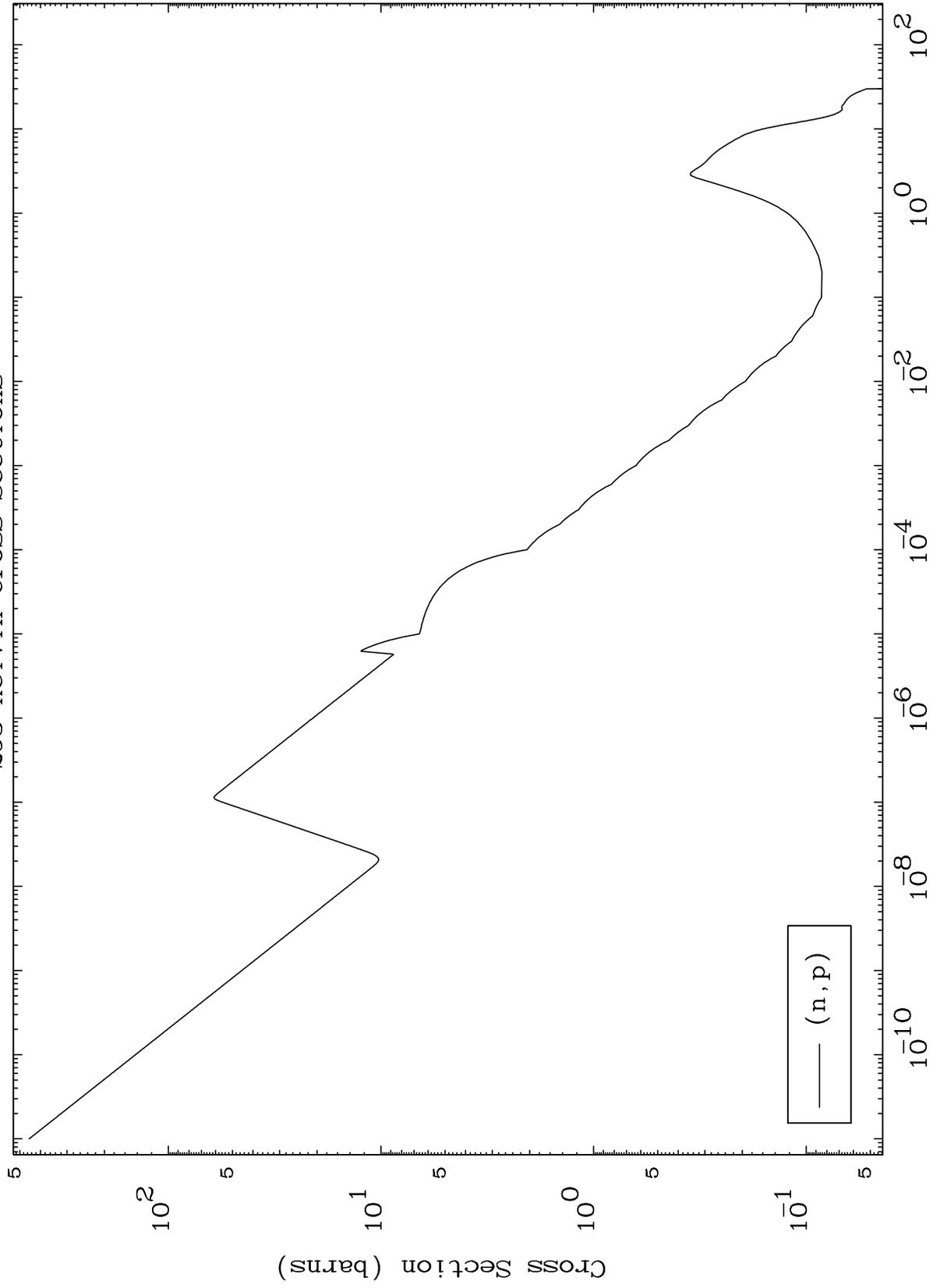
83-Bi-193



MAT 8278

(n,p) Levels  
293 Kelvin Cross Sections

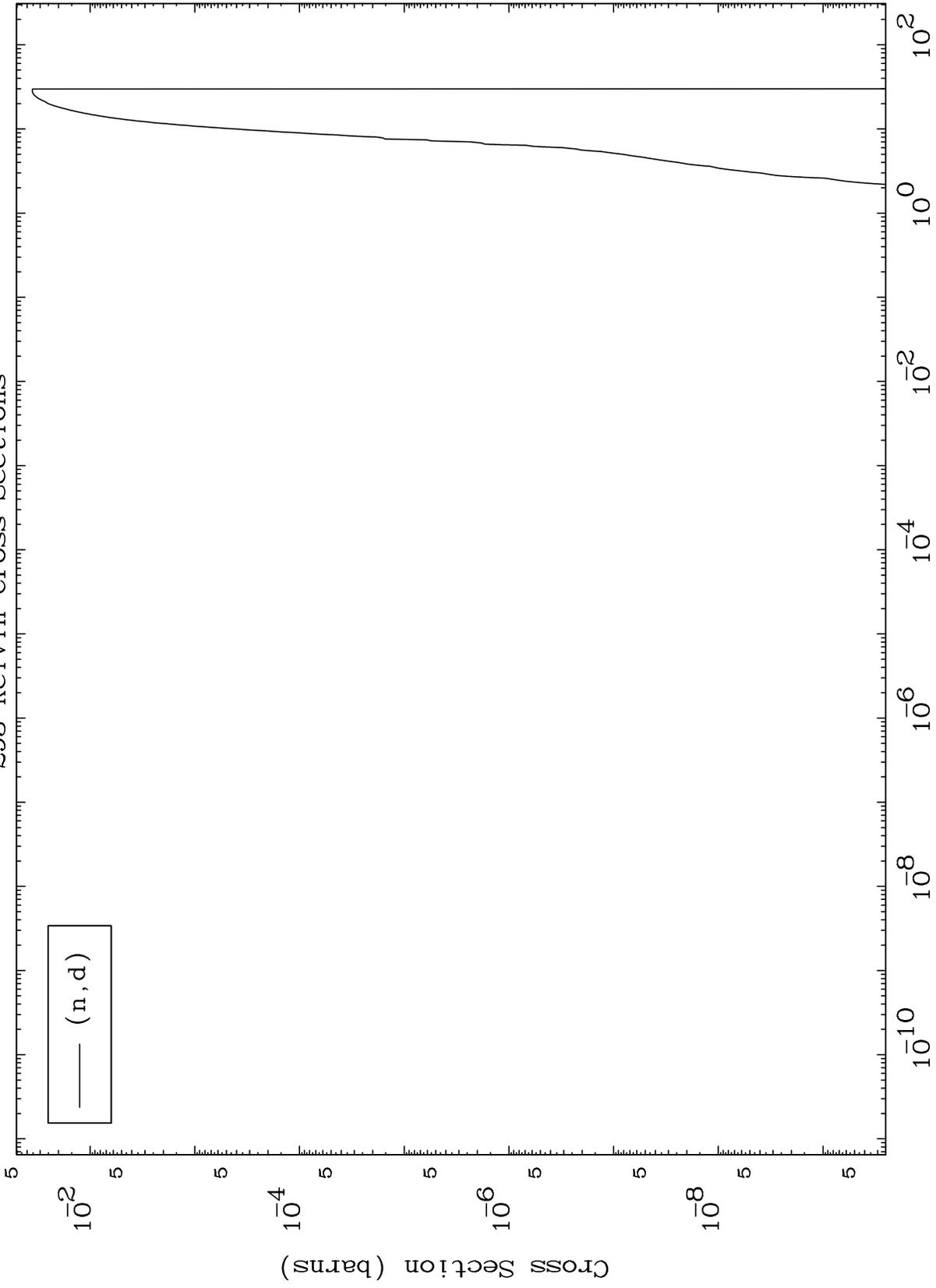
83-Bi-193



MAT 8278

(n,d) Levels  
293 Kelvin Cross Sections

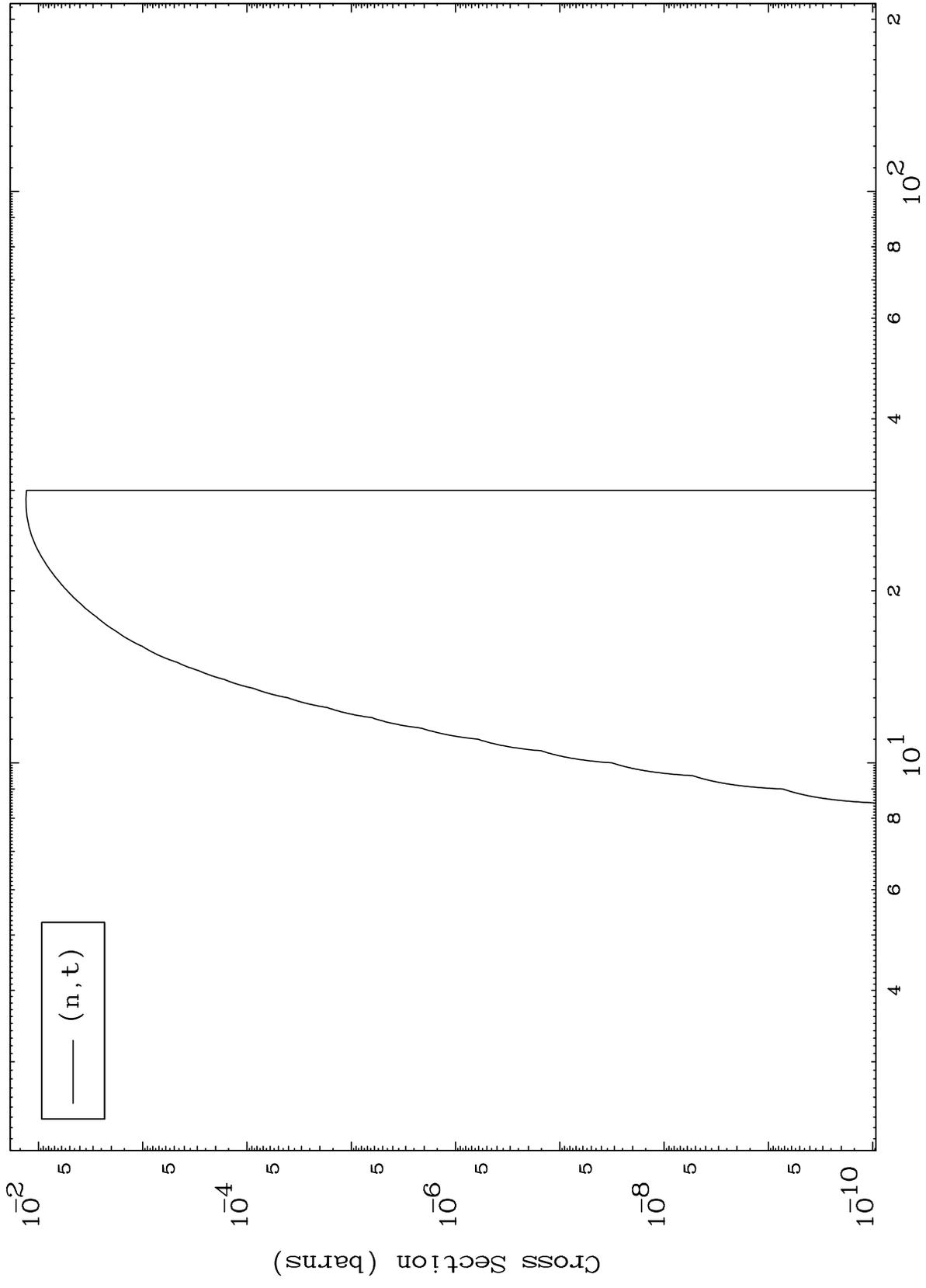
83-Bi-193



MAT 8278

(n,t) Levels  
293 Kelvin Cross Sections

83-Bi-193



10

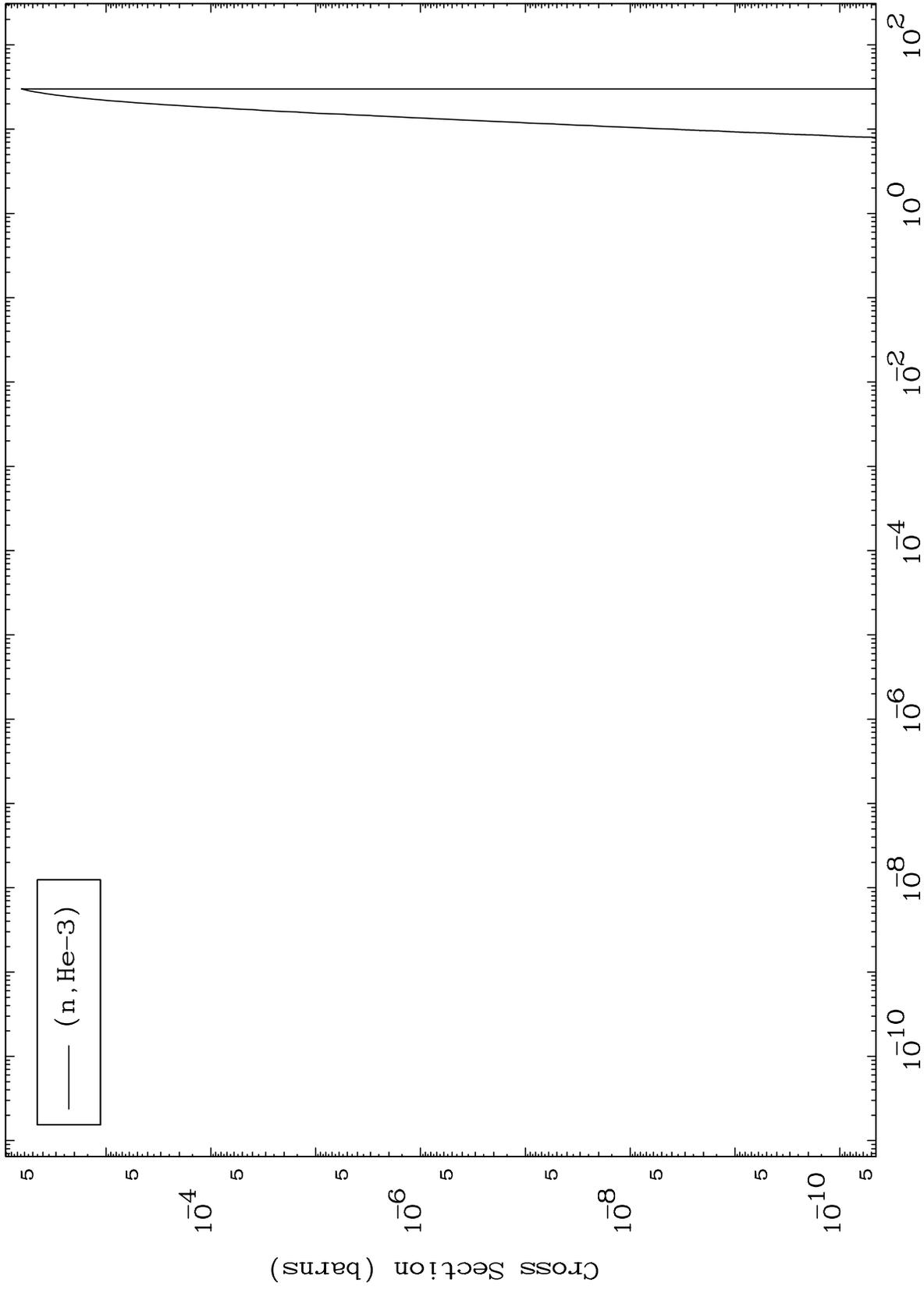
Incident Energy (MeV)

83-Bi-193

MAT 8278

(n,He3) Levels  
293 Kelvin Cross Sections

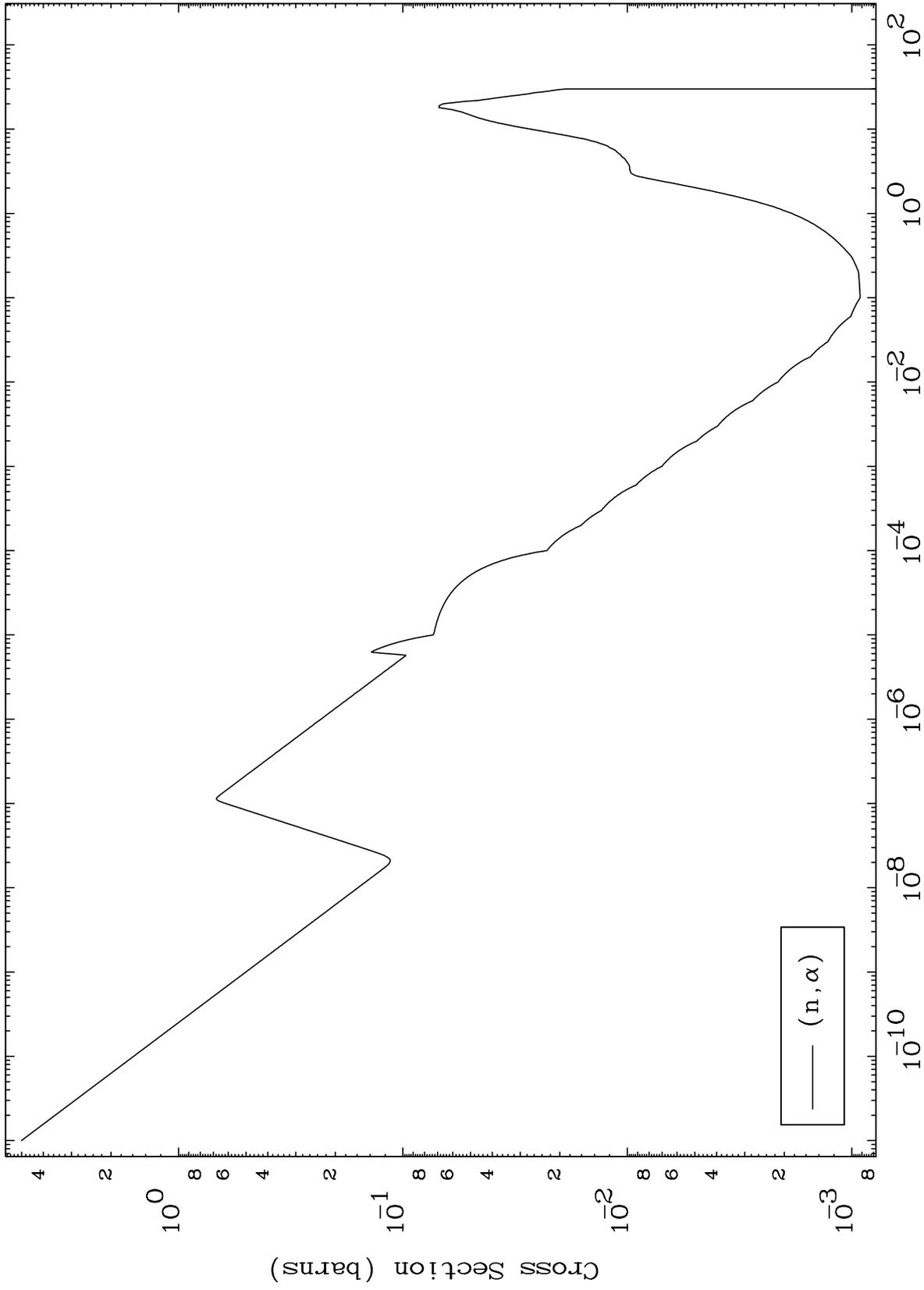
83-Bi-193



MAT 8278

(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

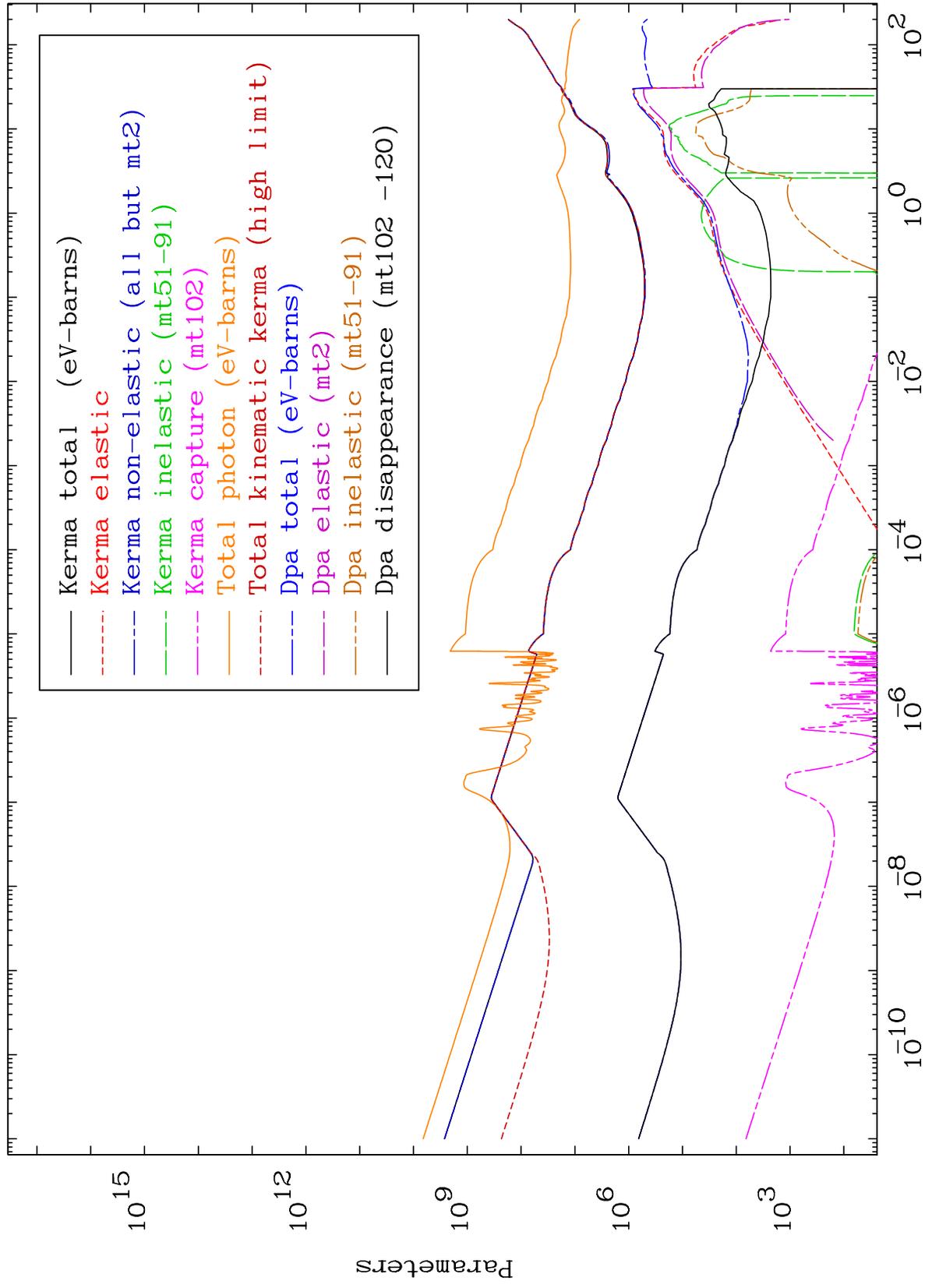
83-Bi-193



12

Incident Energy (MeV)

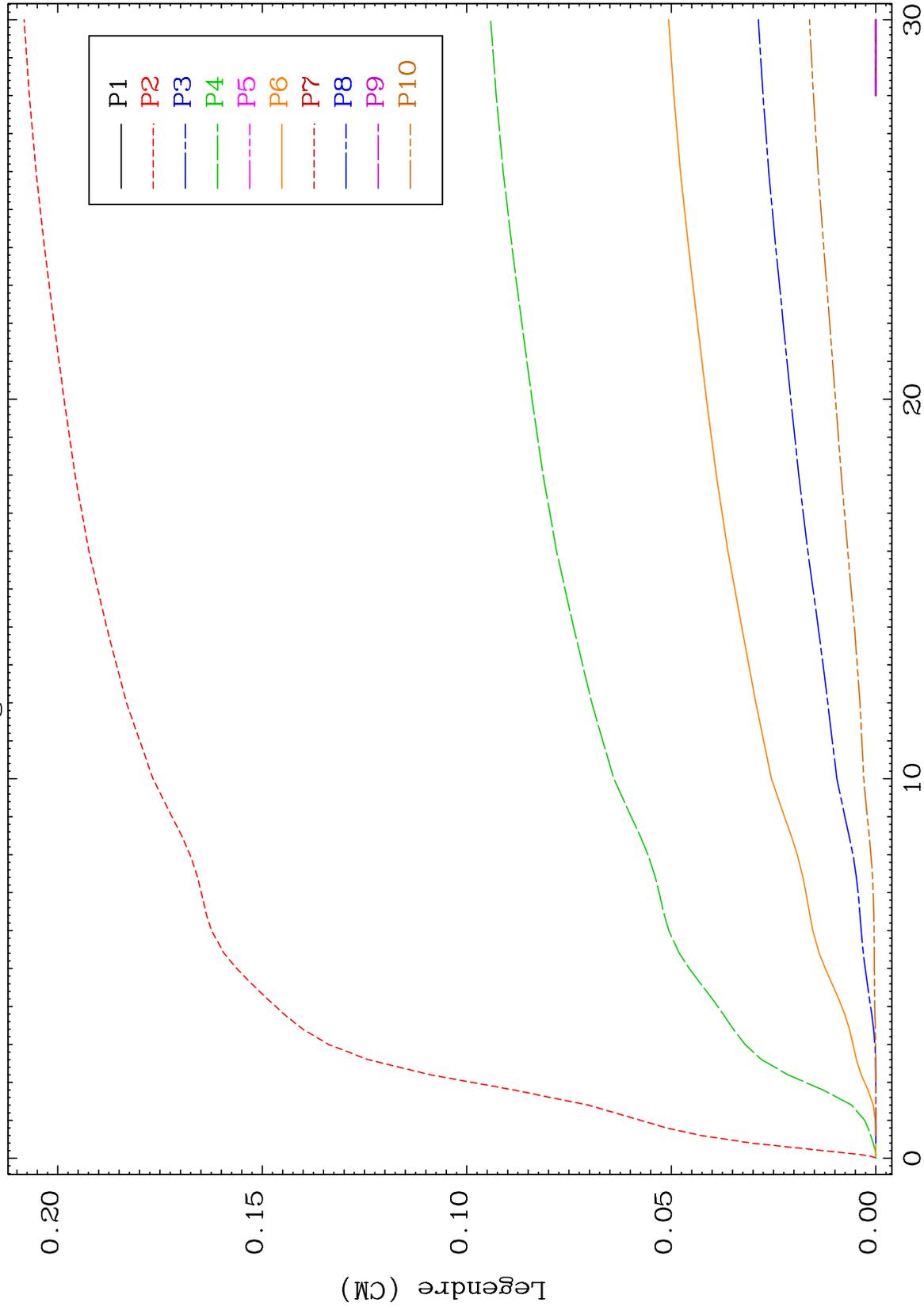
83-Bi-193



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Elastic Legendre Coefficients

83-Bi-193



14

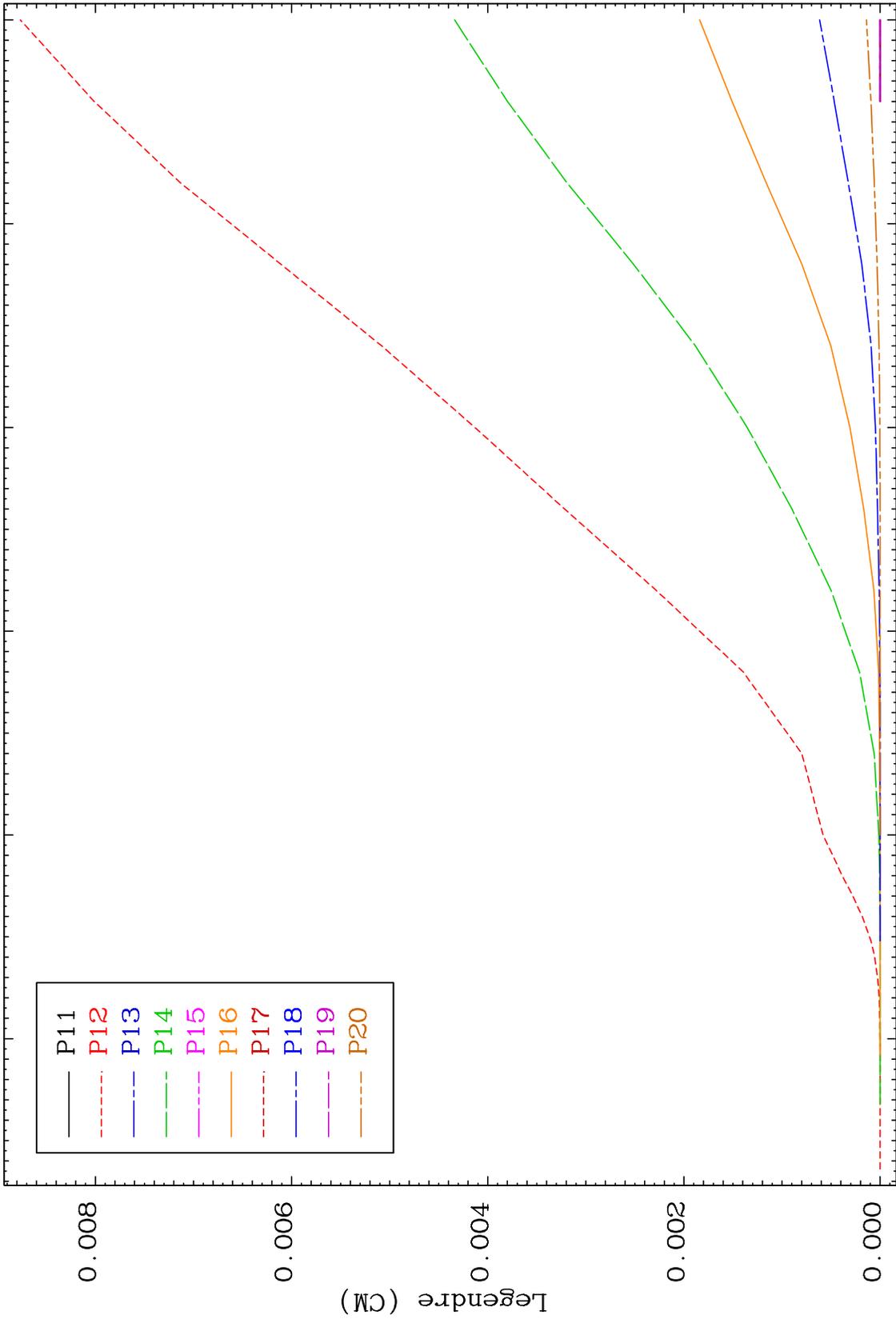
Incident Energy (MeV)

83-Bi-193

MAT 8278

Elastic Legendre Coefficients

83-Bi-193



15

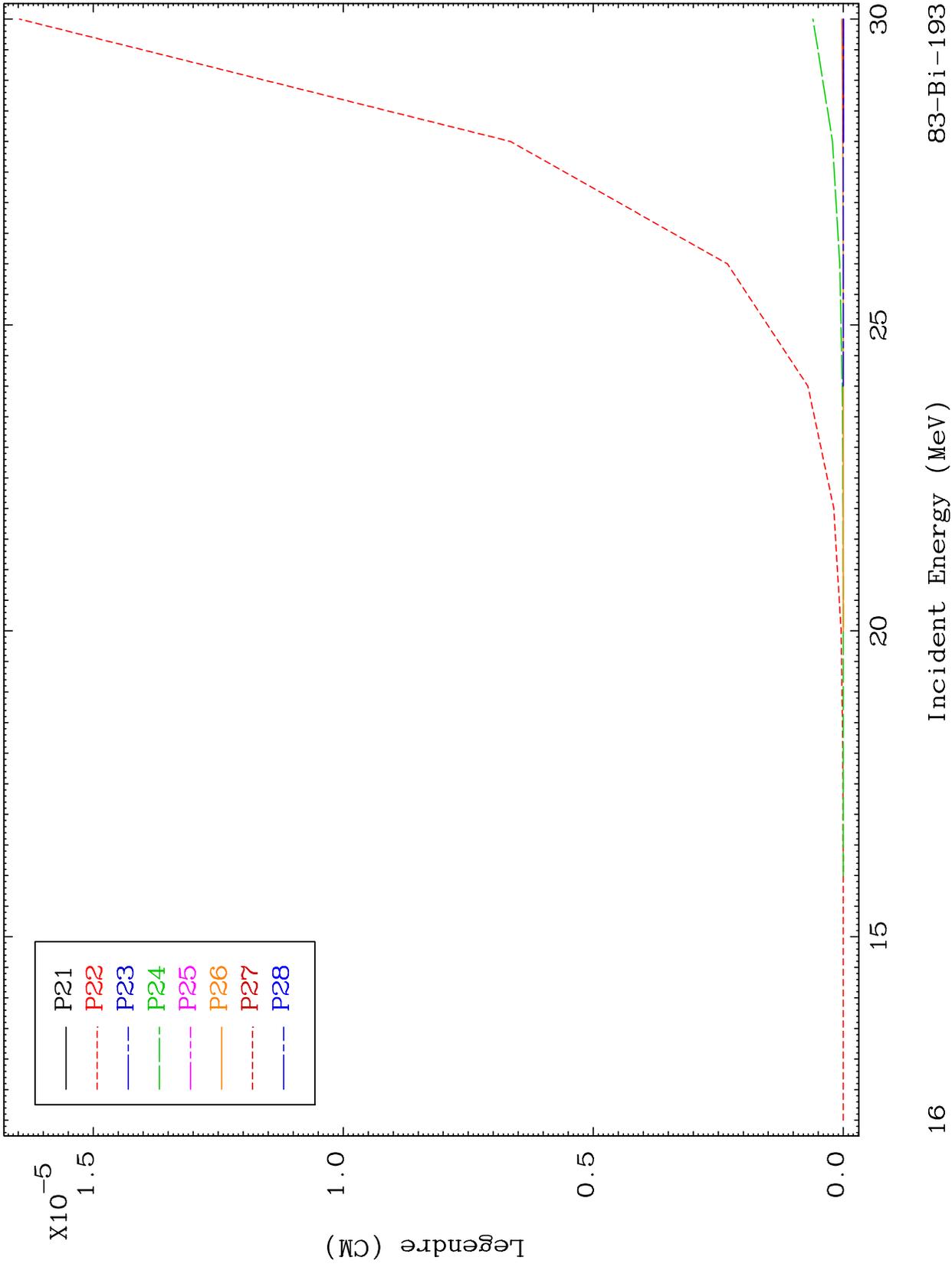
Incident Energy (MeV)

83-Bi-193

MAT 8278

### Elastic Legendre Coefficients

83-Bi-193



16

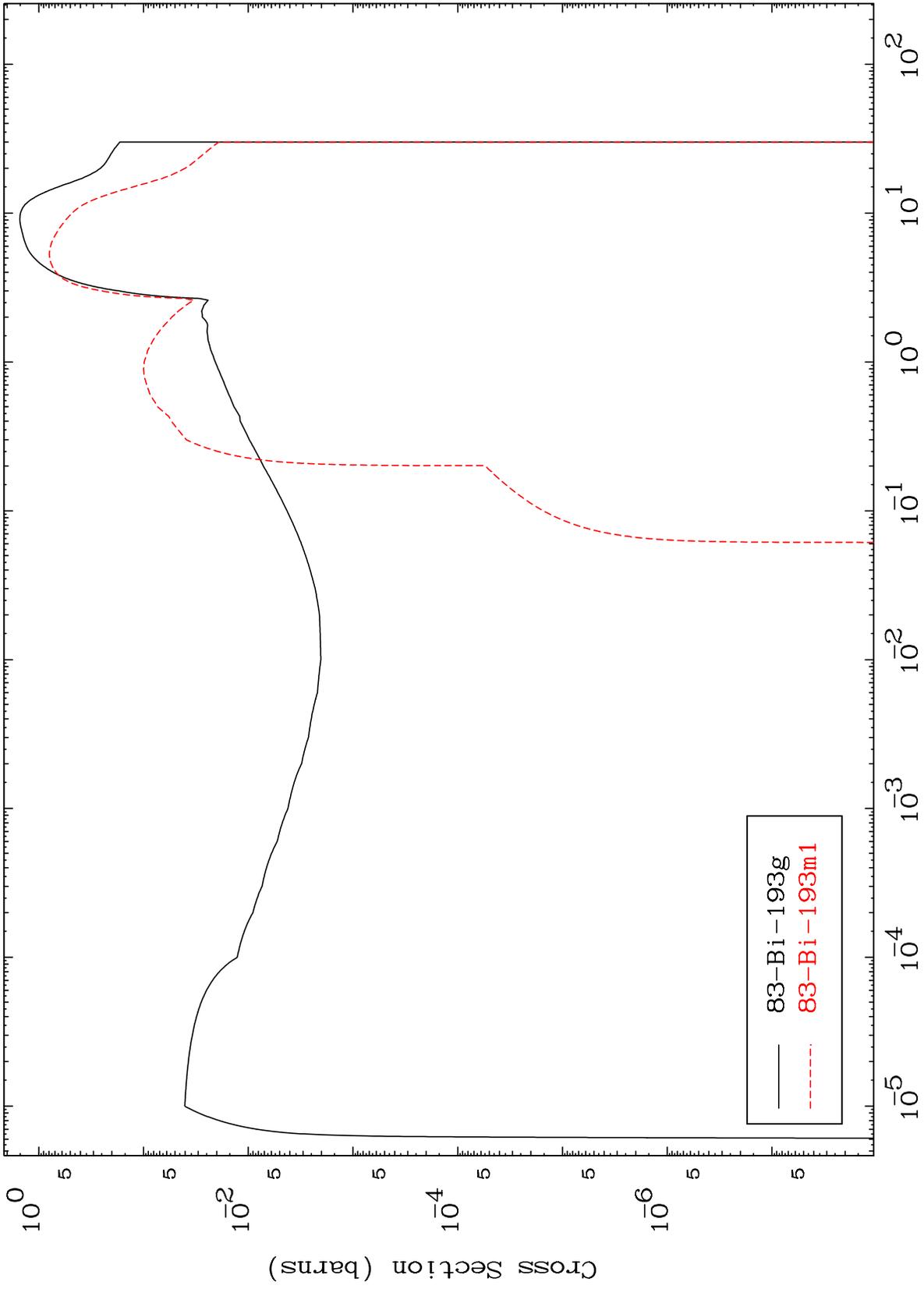
Incident Energy (MeV)

83-Bi-193

MAT 8278

83-Bi-193

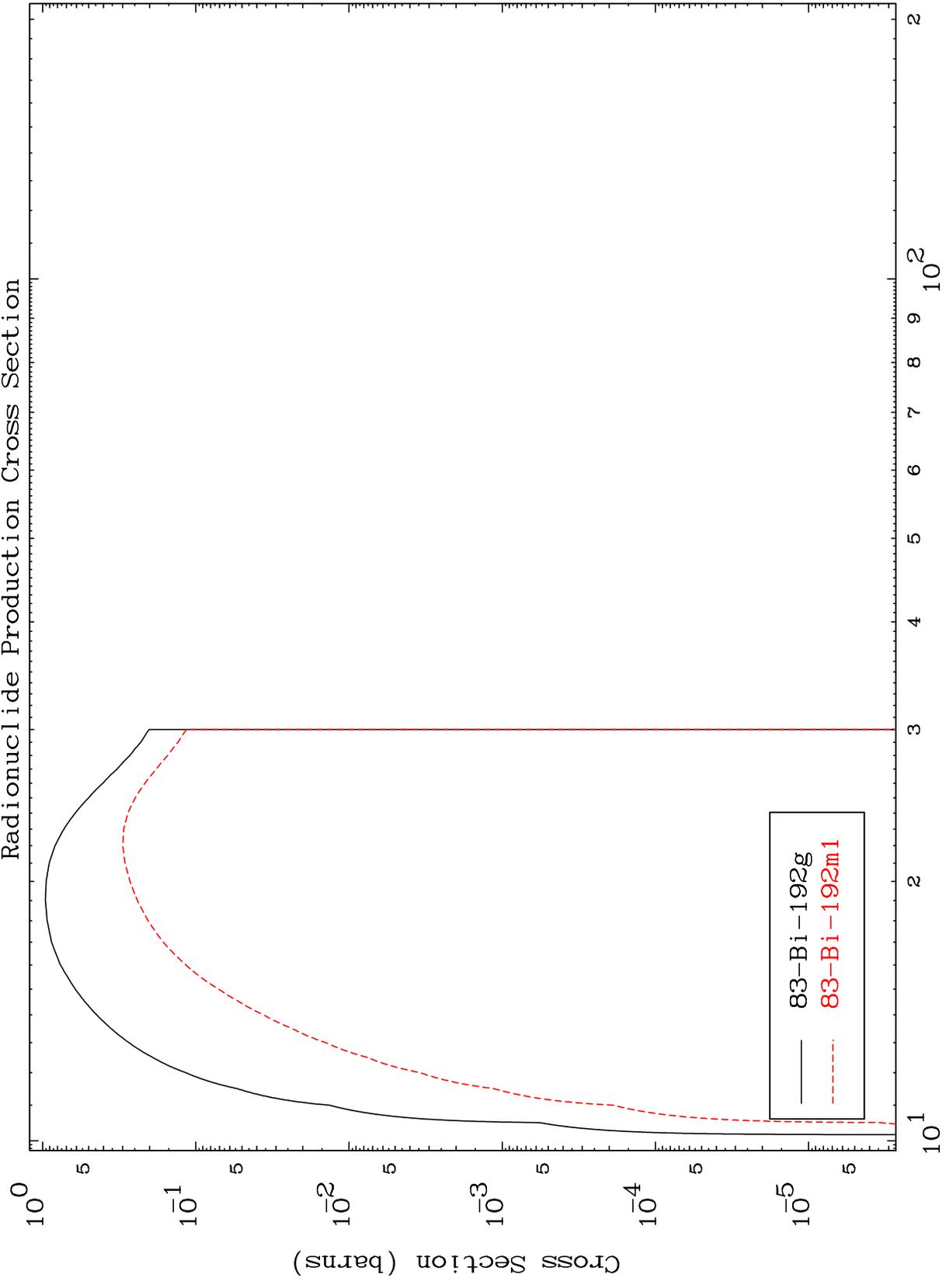
Inelastic  
Radionuclide Production Cross Section



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83-Bi-193

Radionuclide Production Cross Section  
(n,2n)



18

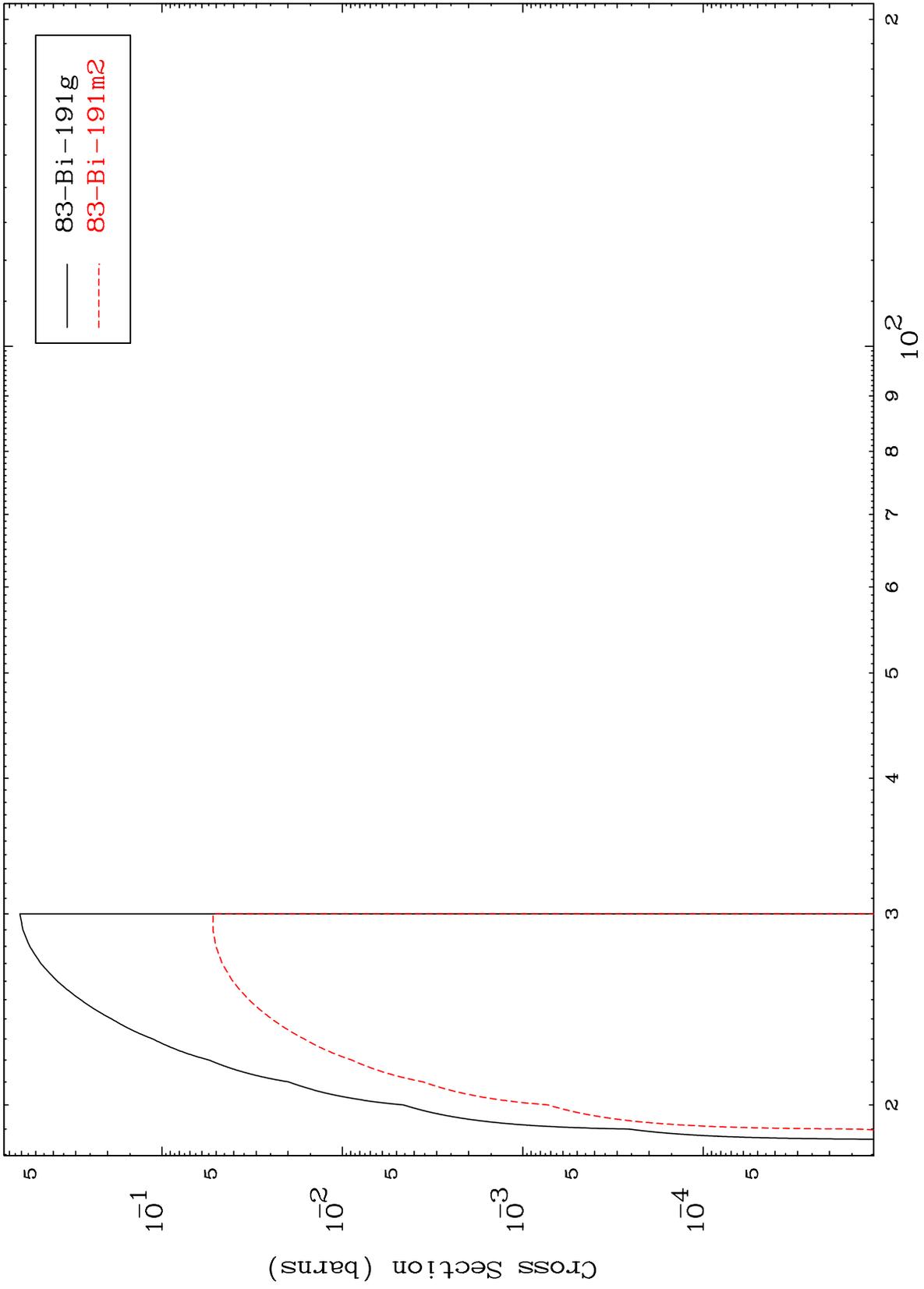
Incident Energy (MeV)

83-Bi-193

MAT 8278

<sup>83</sup>Bi-193

(n,3n)  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

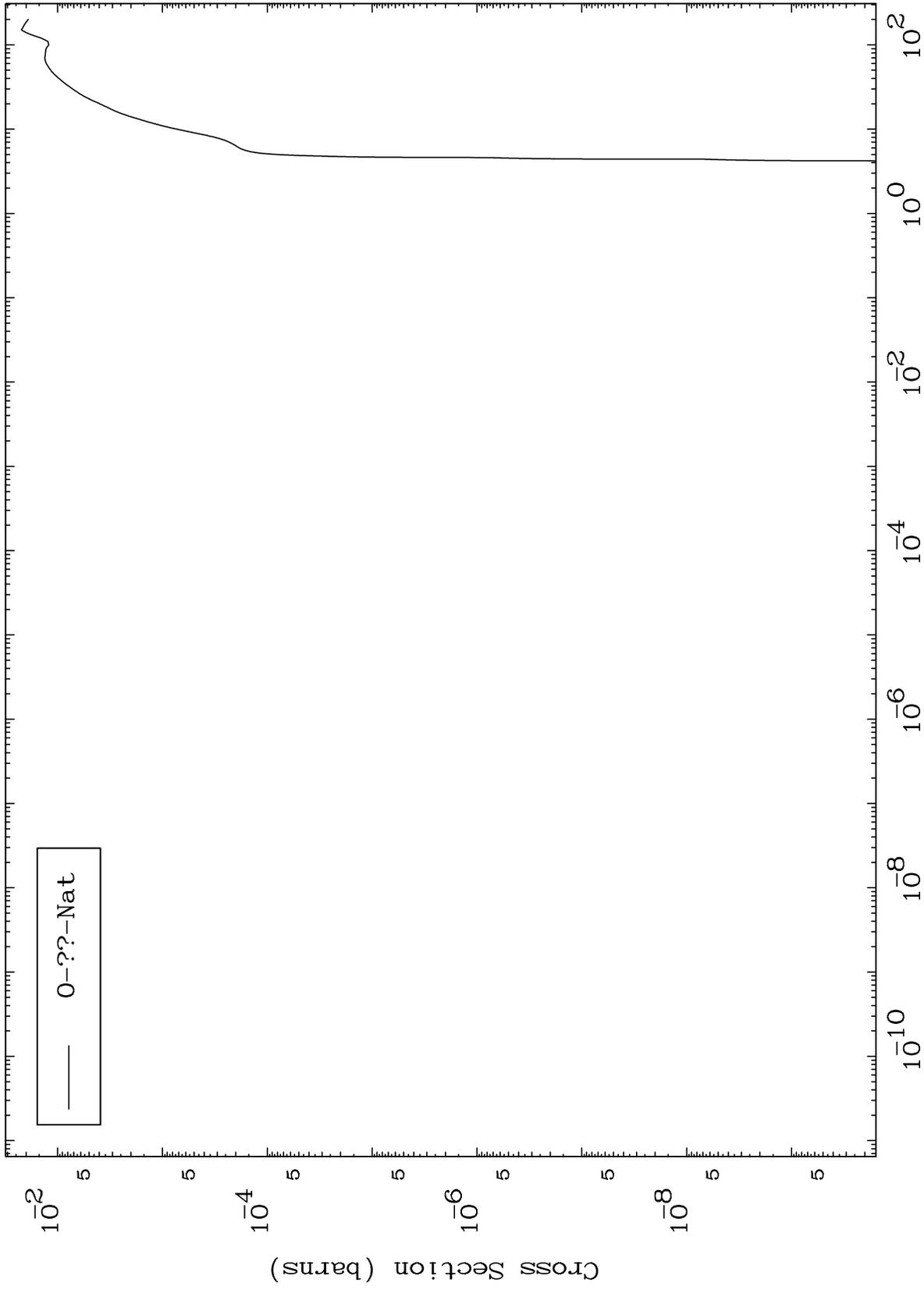
<sup>83</sup>Bi-193

MAT 8278

Fission

83-Bi-193

Radionuclide Production Cross Section



20

Incident Energy (MeV)

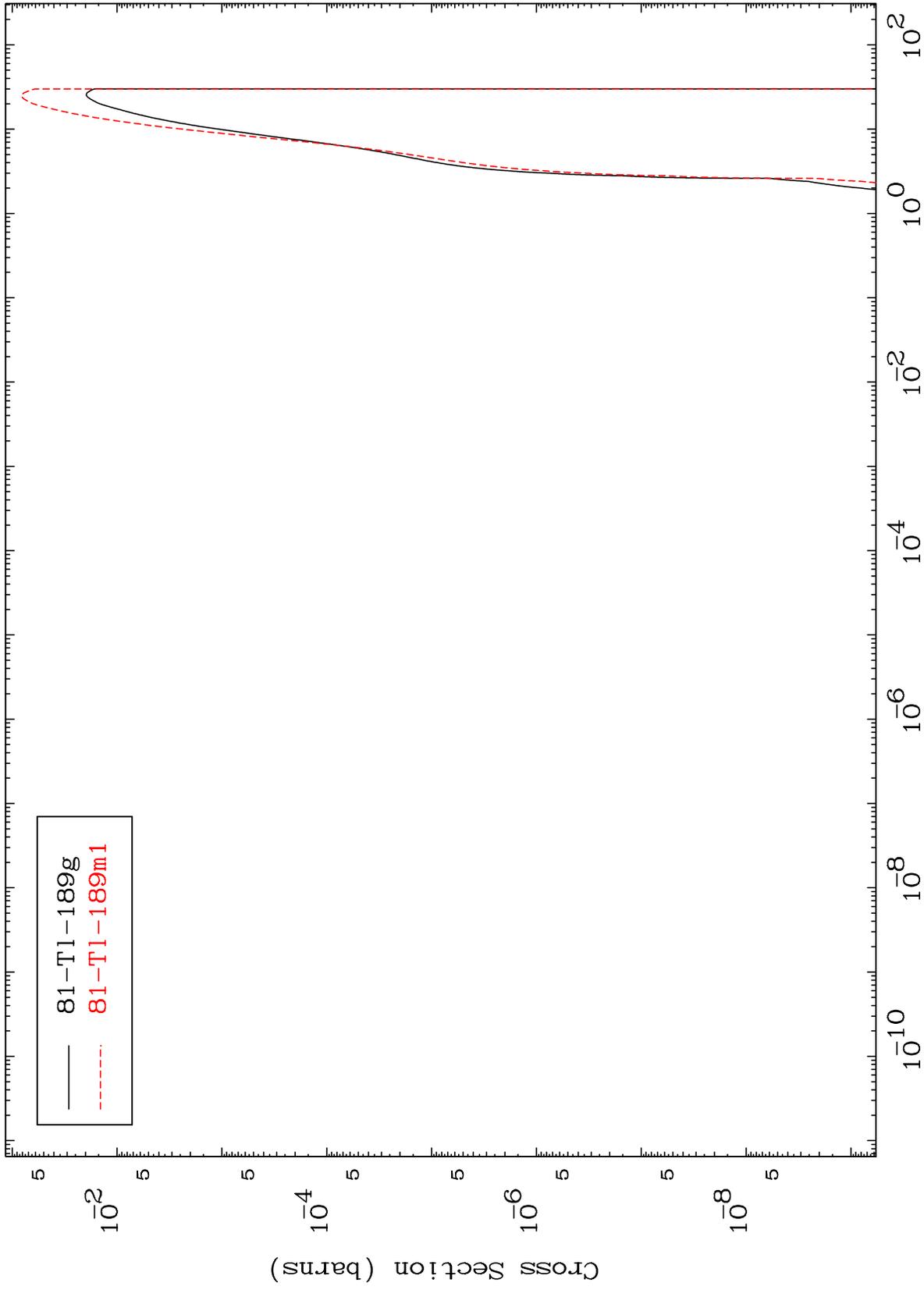
83-Bi-193

MAT 8278

(n,n')  $\alpha$

83-Bi-193

Radionuclide Production Cross Section



21

Incident Energy (MeV)

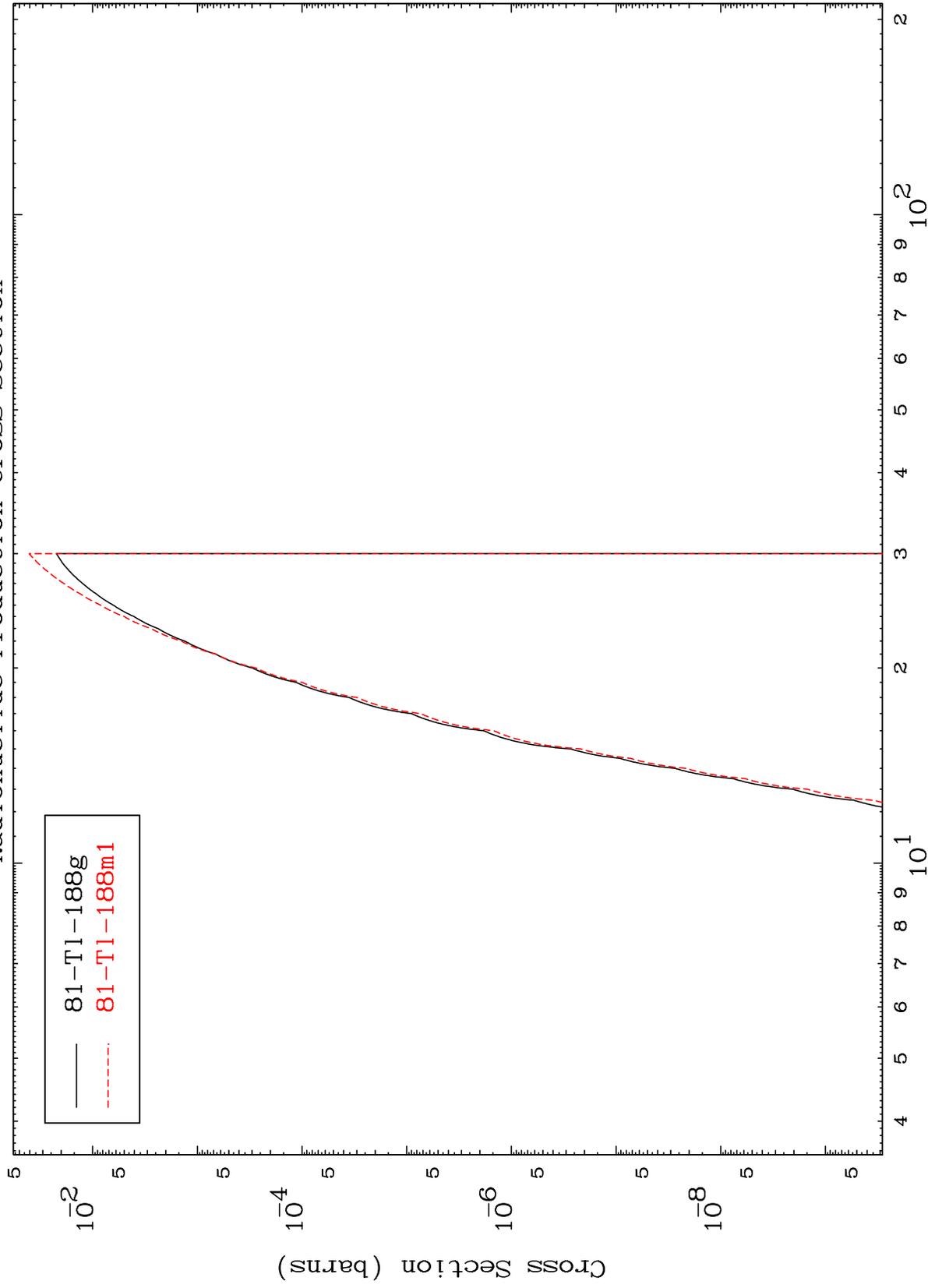
83-Bi-193

MAT 8278

(n,2n)  $\alpha$

83-Bi-193

Radionuclide Production Cross Section



22

Incident Energy (MeV)

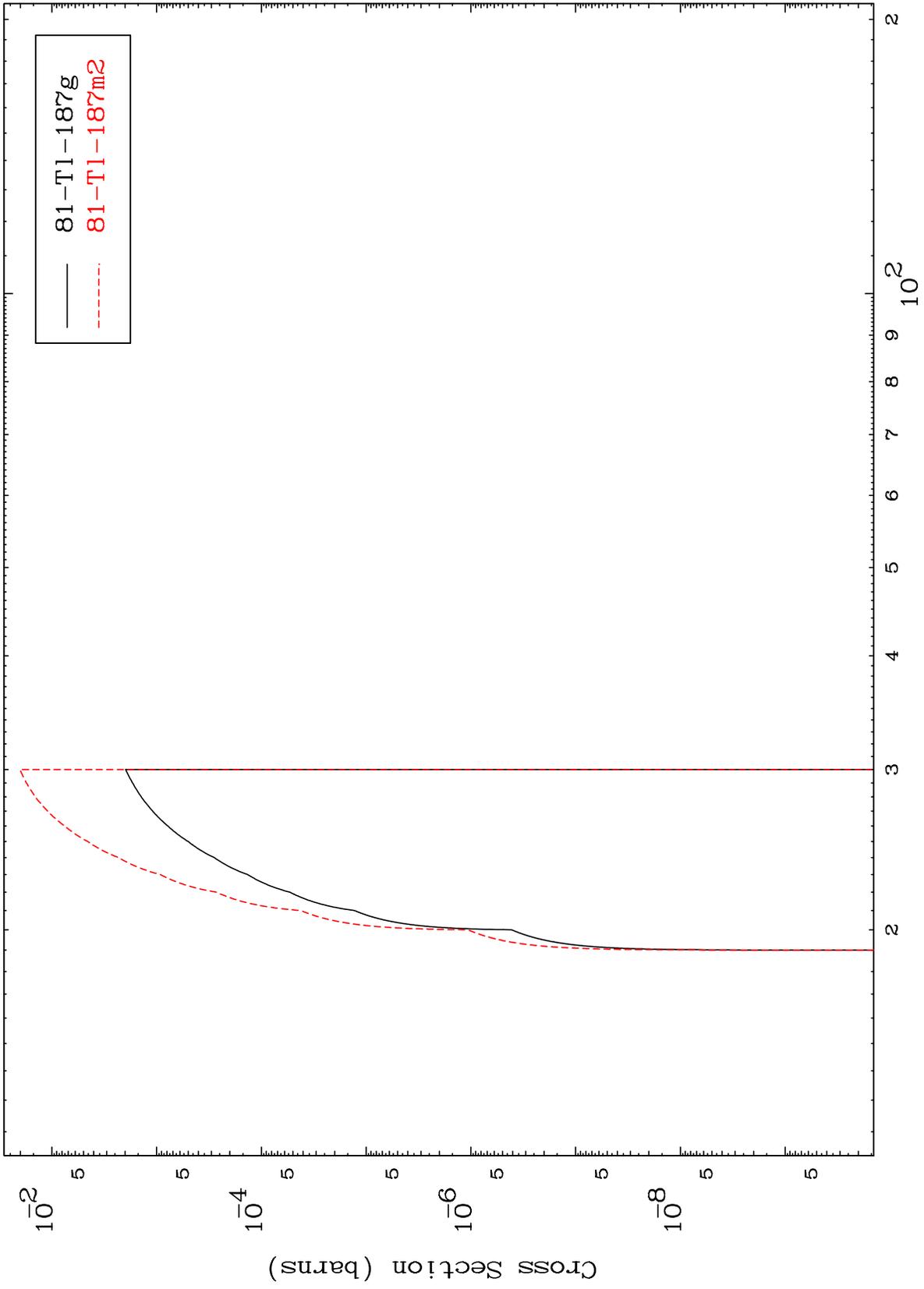
83-Bi-193

MAT 8278

(n,3n)  $\alpha$

83-Bi-193

Radionuclide Production Cross Section



23

Incident Energy (MeV)

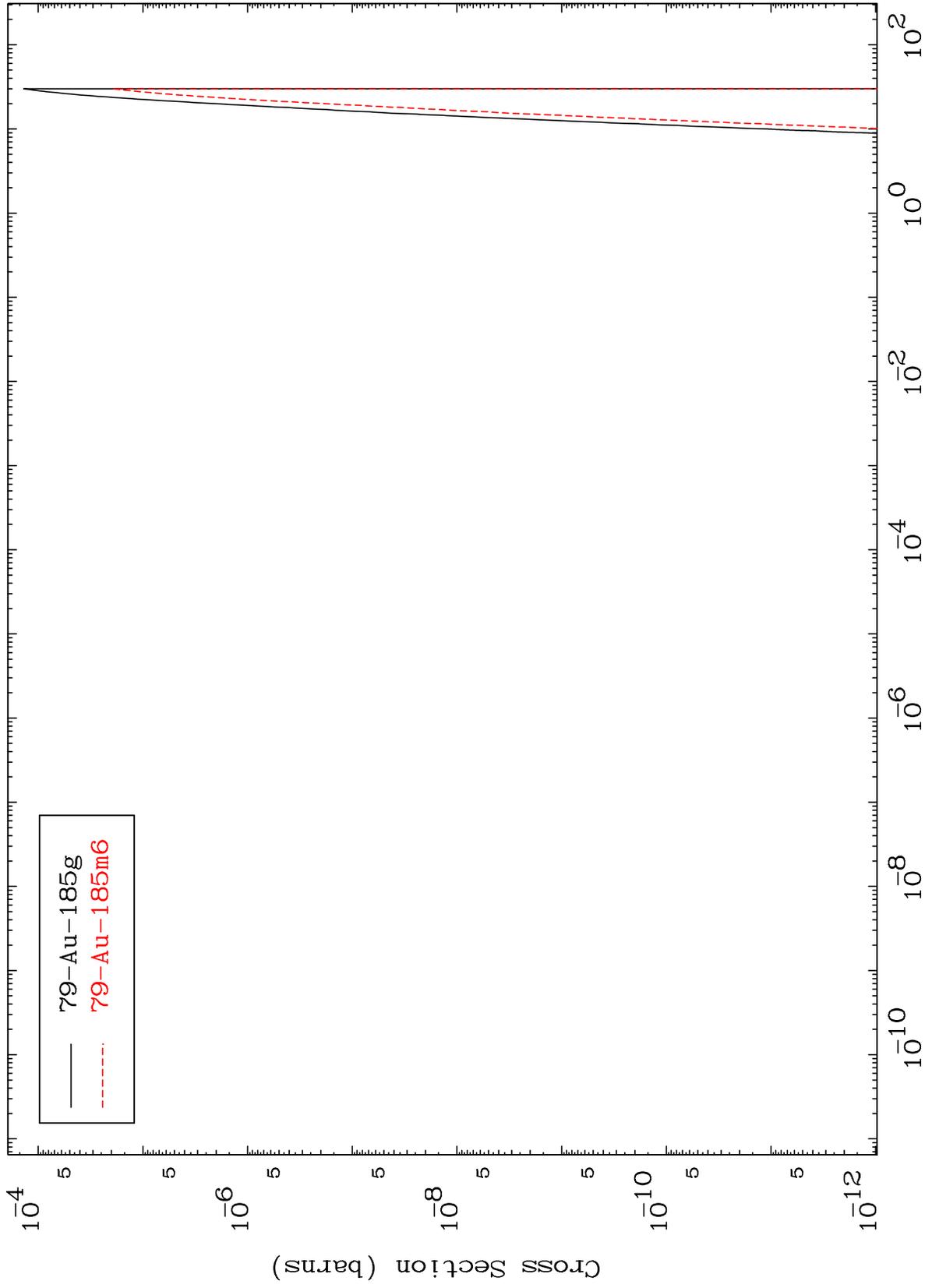
83-Bi-193

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(n,n') 2 $\alpha$

83-Bi-193

Radionuclide Production Cross Section



24

Incident Energy (MeV)

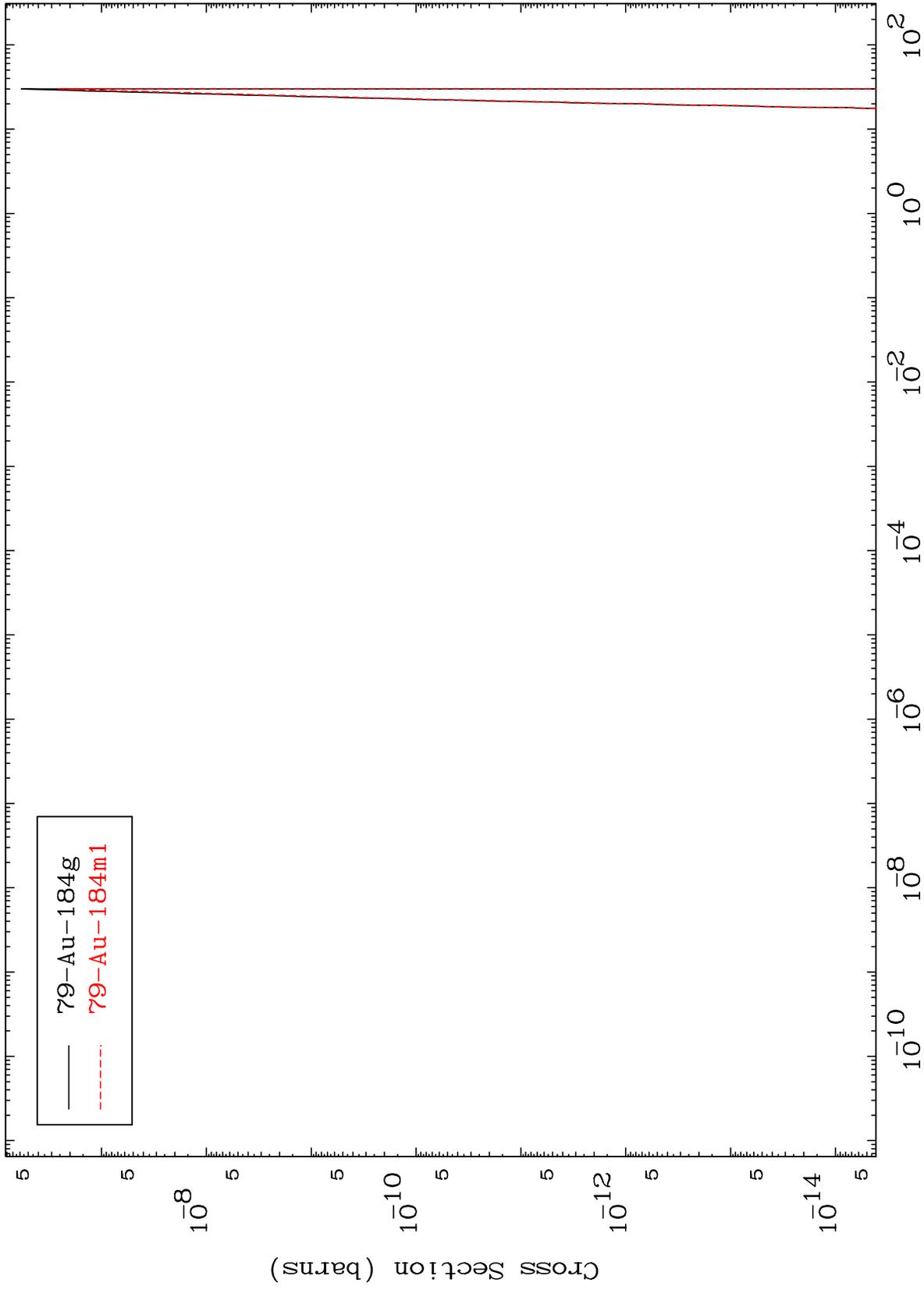
83-Bi-193

MAT 8278

(n,2n) 2 $\alpha$

83-Bi-193

Radionuclide Production Cross Section



25

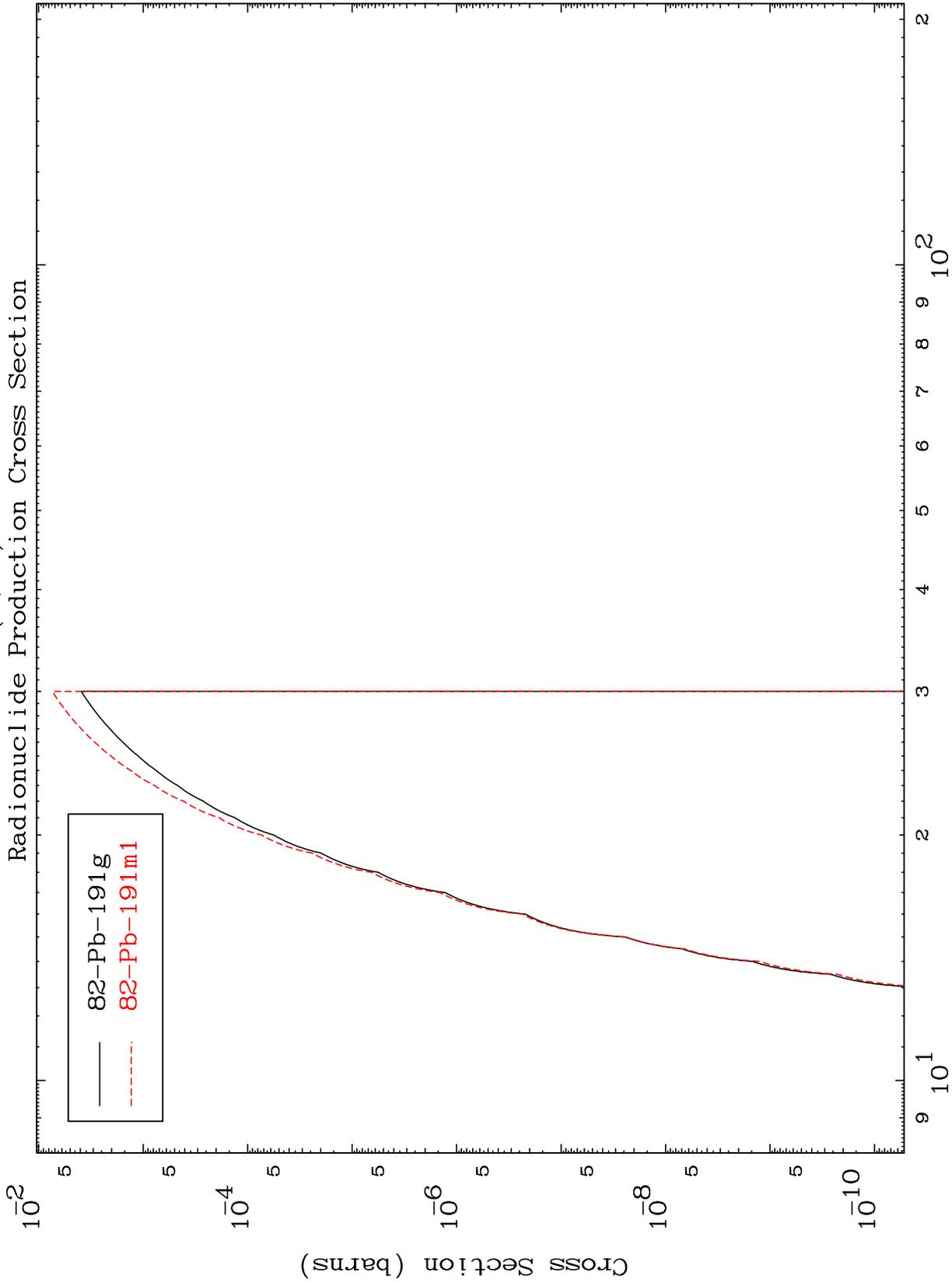
Incident Energy (MeV)

83-Bi-193

MAT 8278

(n,n') d

83-Bi-193



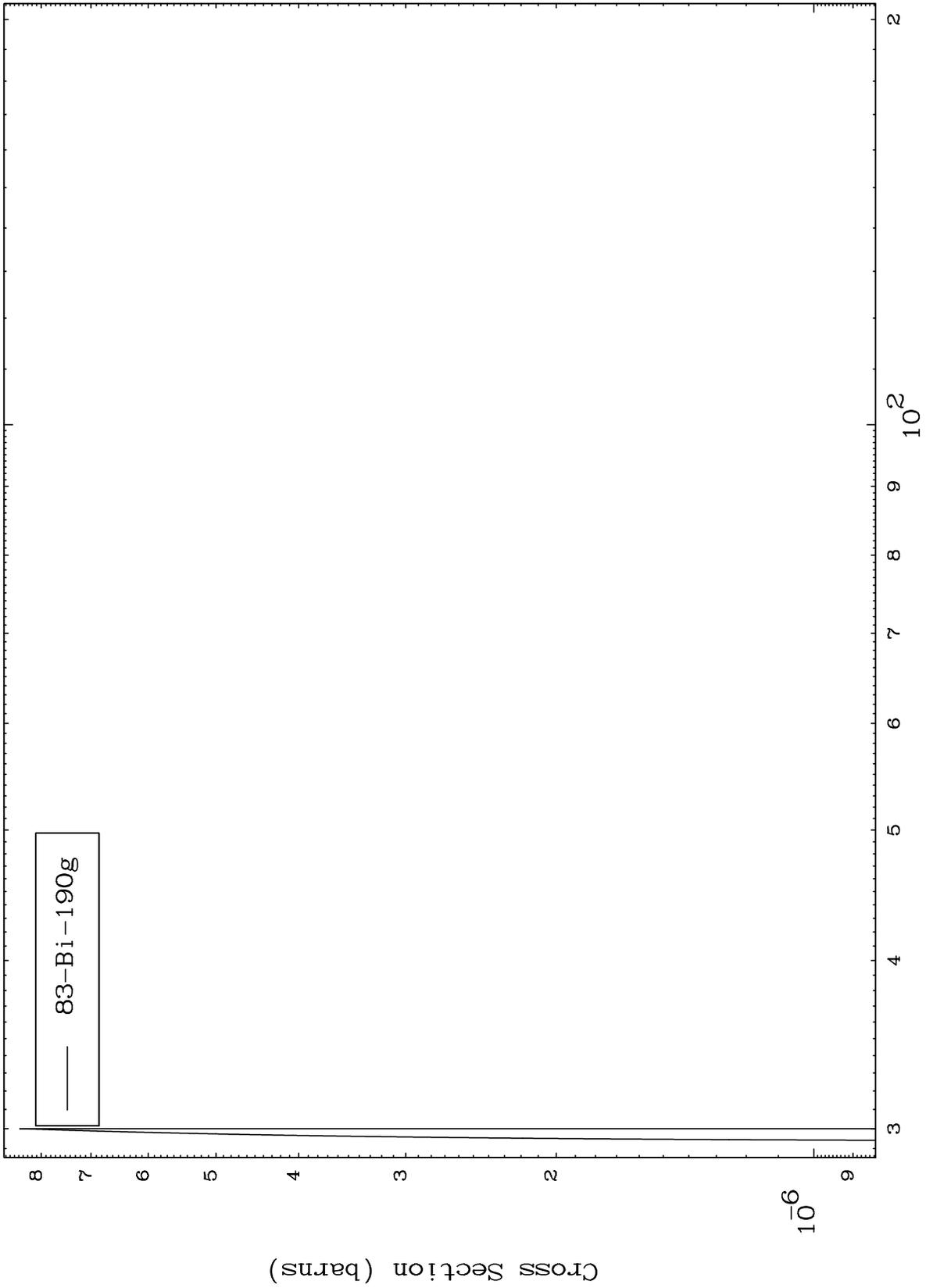
26

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(n,4n)

83-Bi-193

Radionuclide Production Cross Section



27

Incident Energy (MeV)

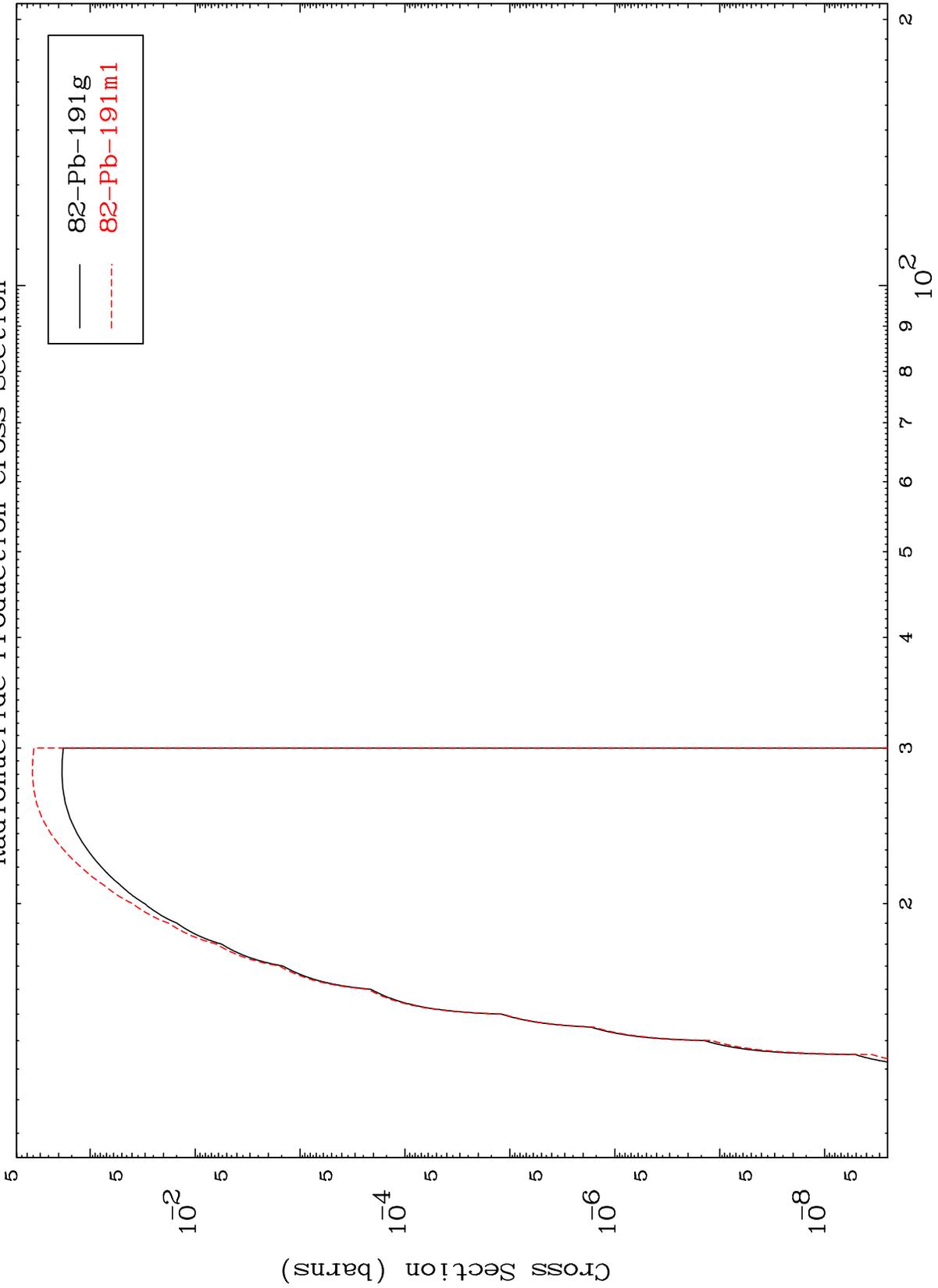
83-Bi-193

MAT 8278

(n,2n) p

83-Bi-193

Radionuclide Production Cross Section



28

Incident Energy (MeV)

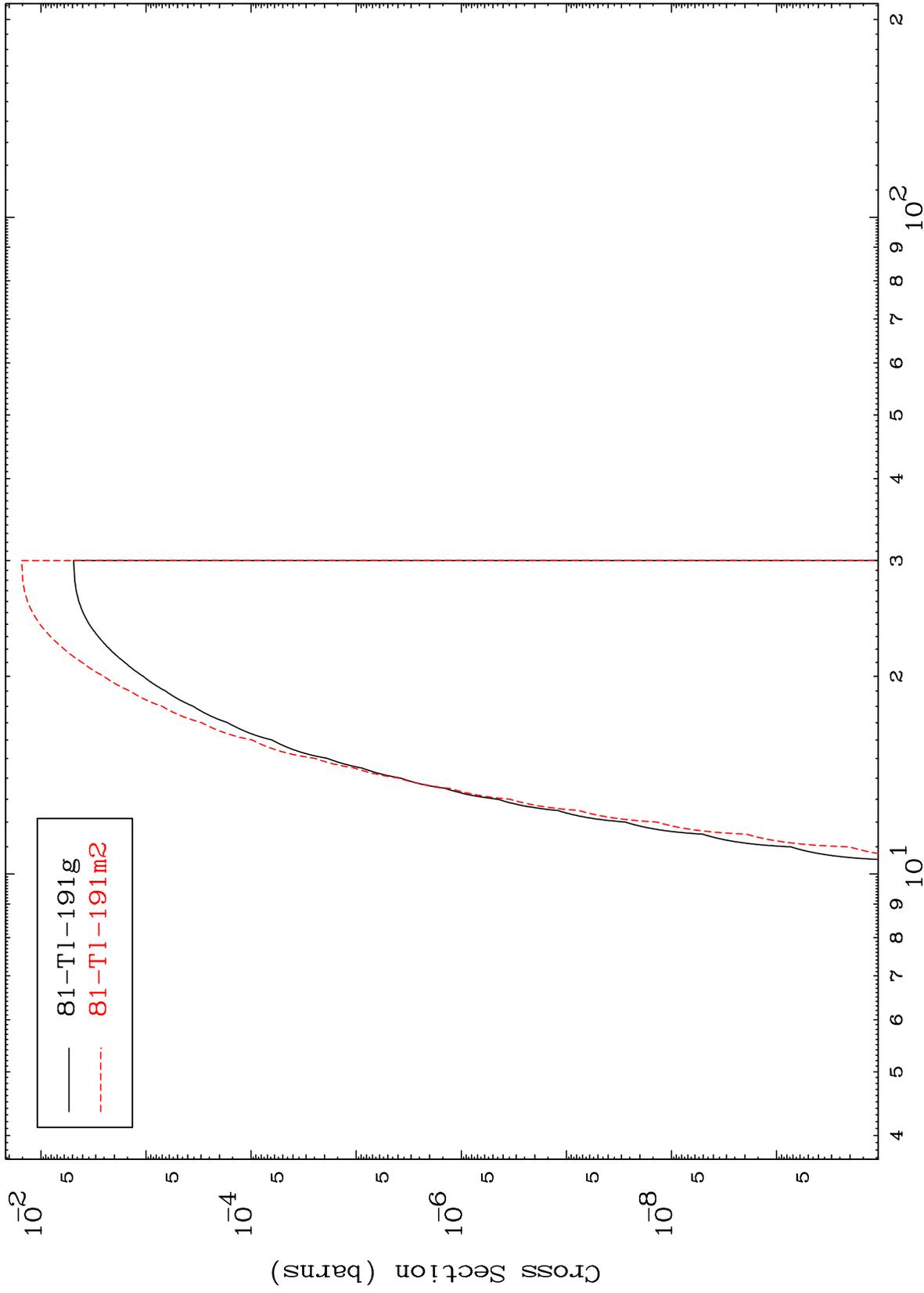
83-Bi-193

MAT 8278

(n,2n) p

83-Bi-193

Radionuclide Production Cross Section



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

29

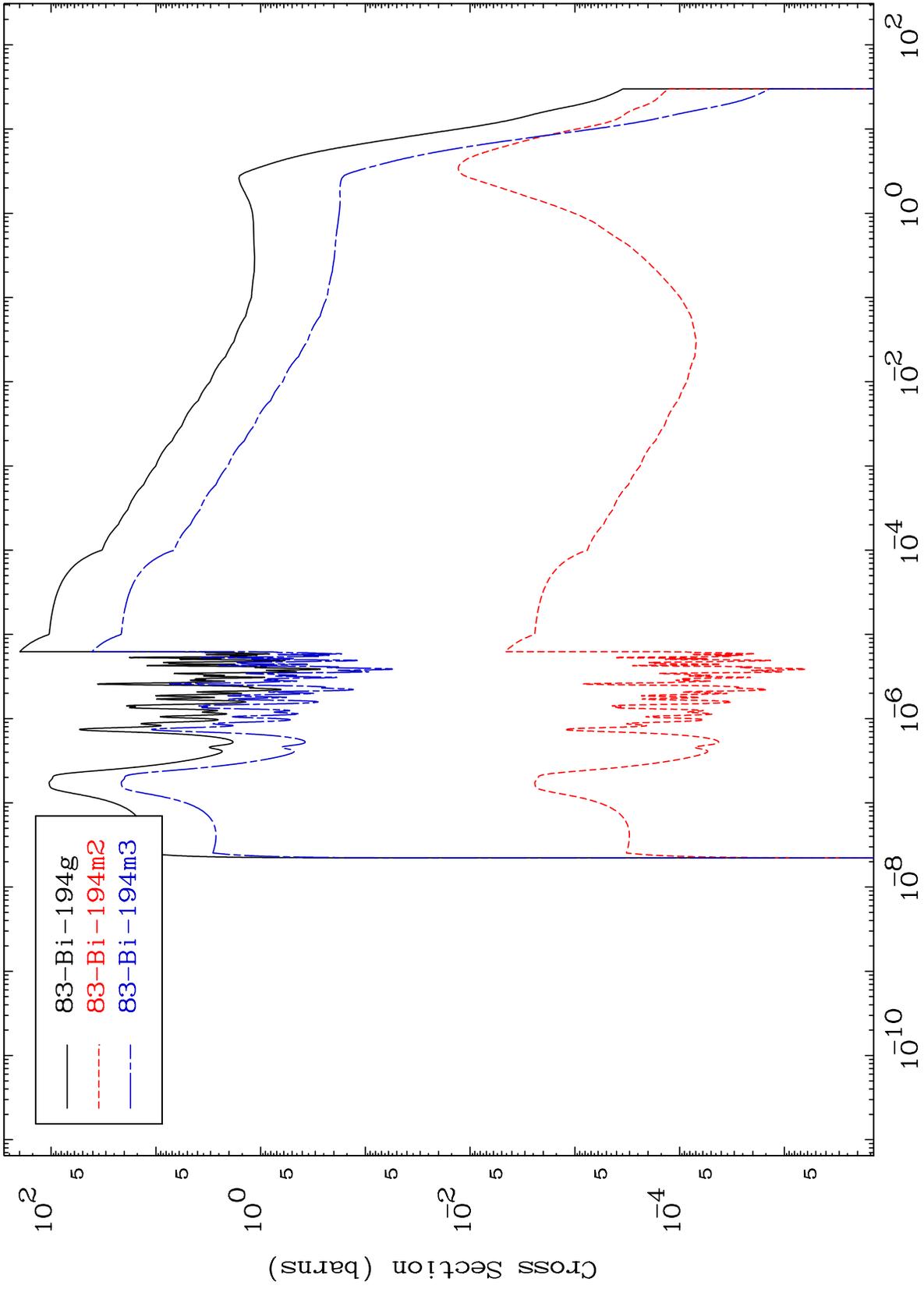
Incident Energy (MeV)

83-Bi-193

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83-Bi-193

Radionuclide Production Cross Section (n,γ)

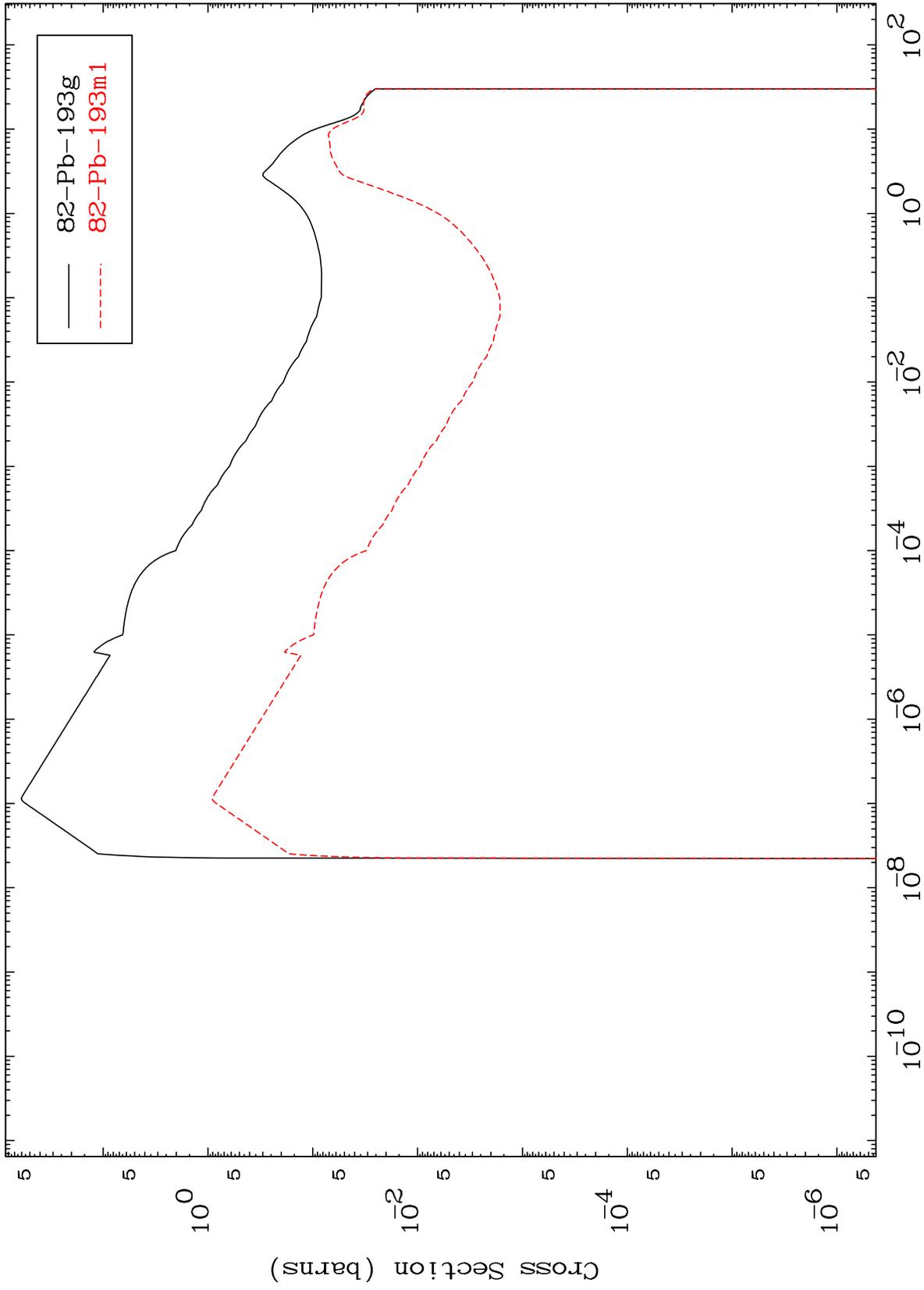


30

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83-Bi-193

(n,p)  
Radionuclide Production Cross Section



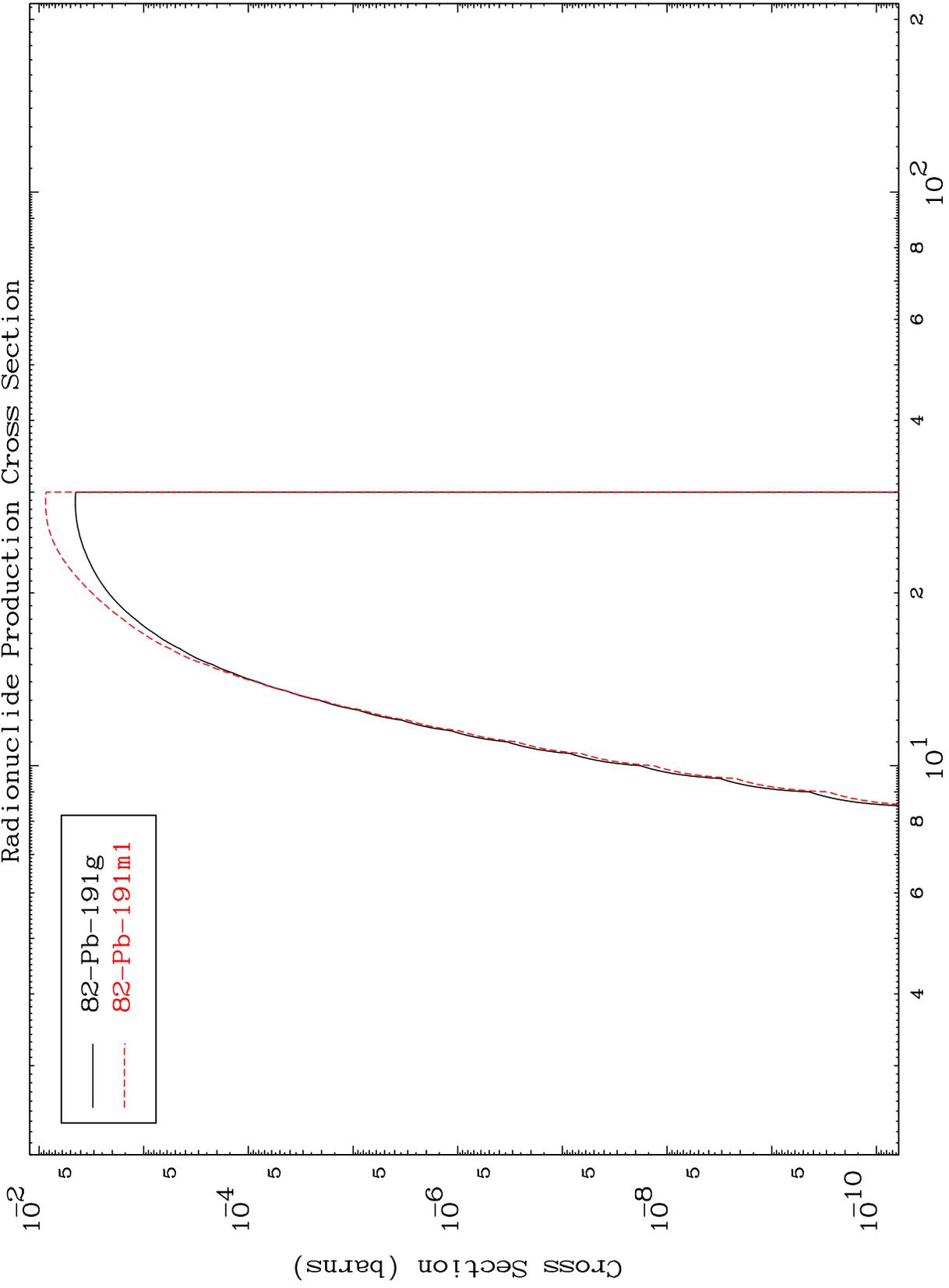
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83-Bi-193

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83-Bi-193

(n, t)  
Radionuclide Production Cross Section



32

83-Bi-193

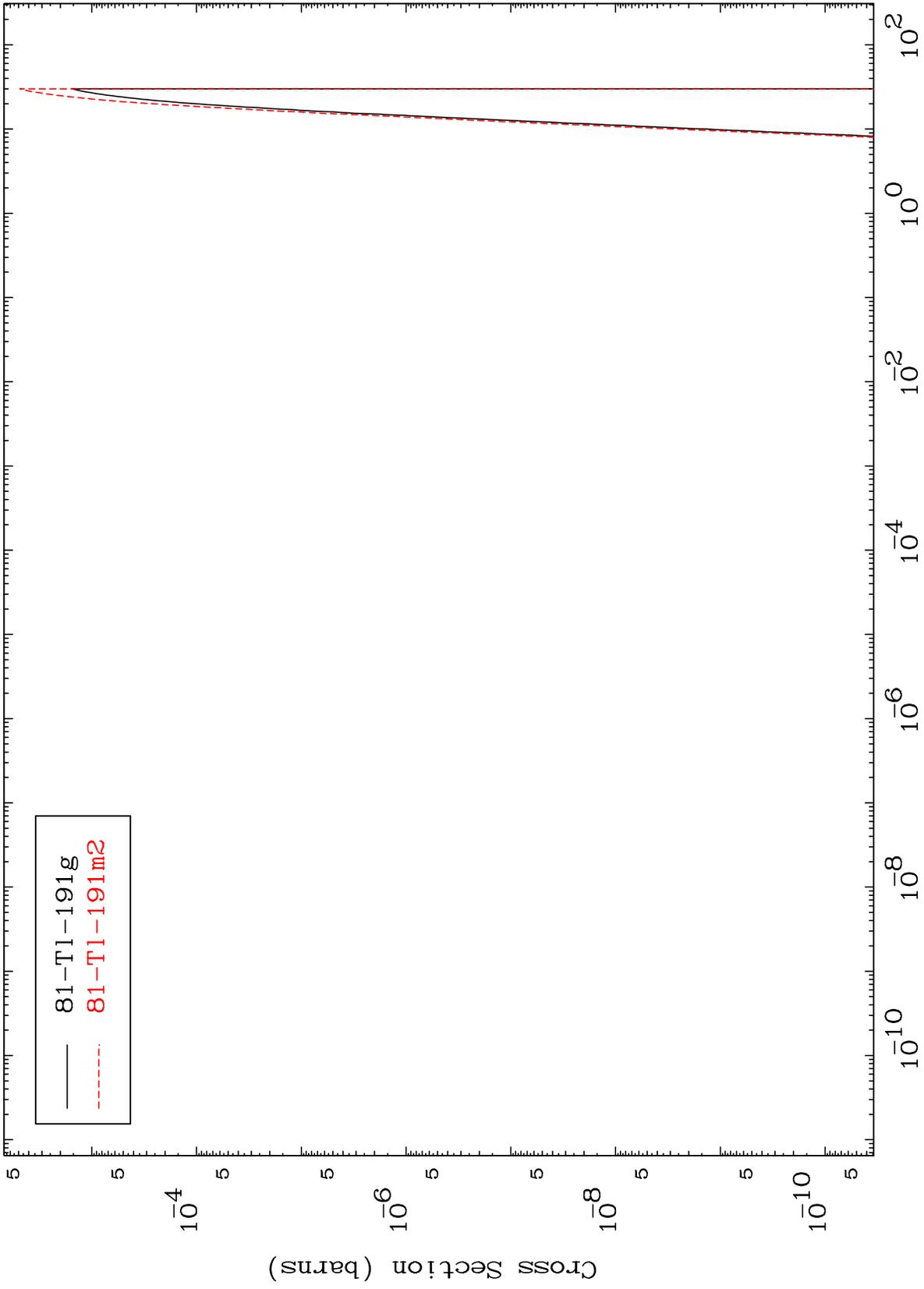
Incident Energy (MeV)

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(n, He-3)

83-Bi-193

Radionuclide Production Cross Section



33

Incident Energy (MeV)

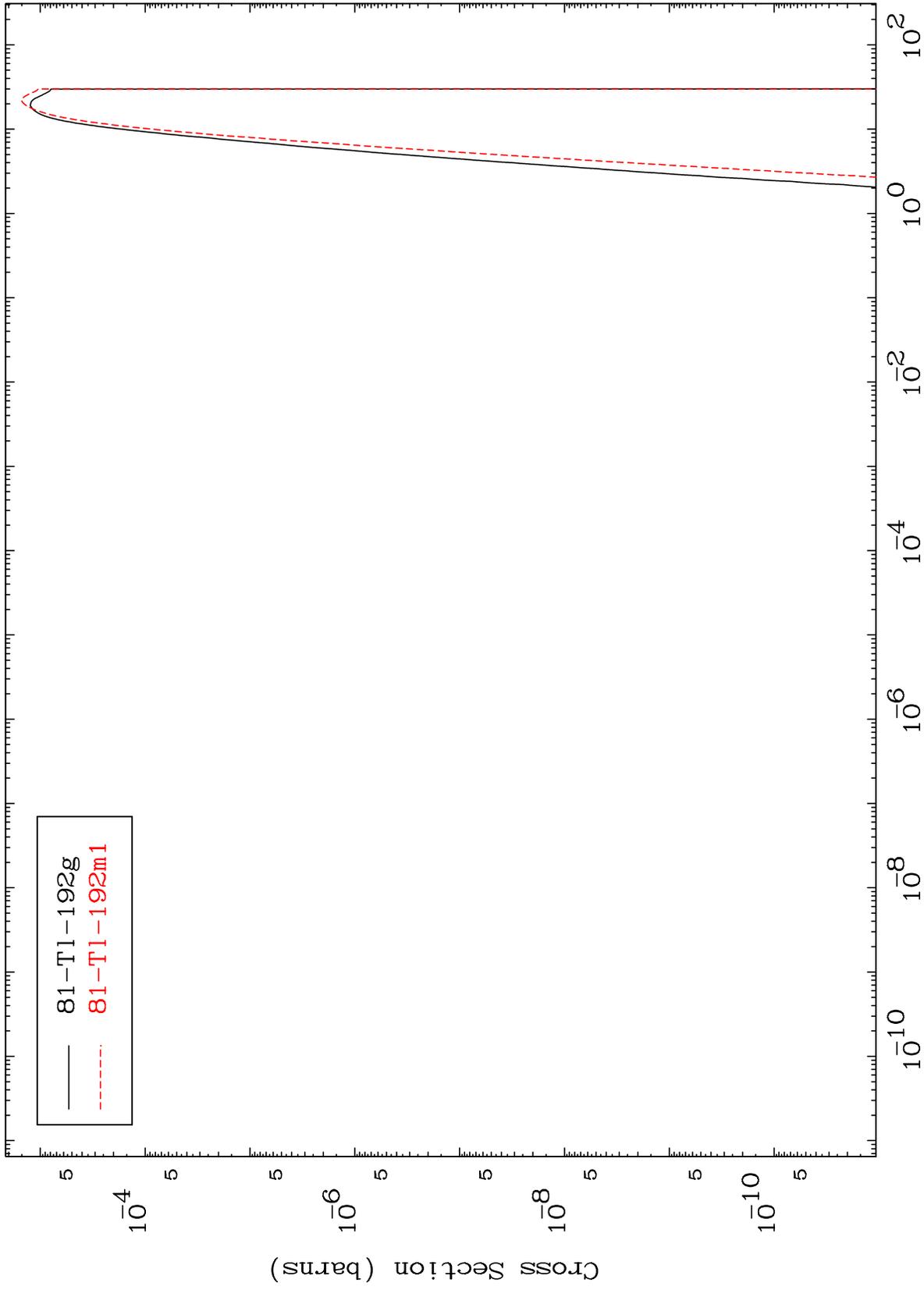
83-Bi-193

MAT 8278

(n,2p)

83-Bi-193

Radionuclide Production Cross Section



34

Incident Energy (MeV)

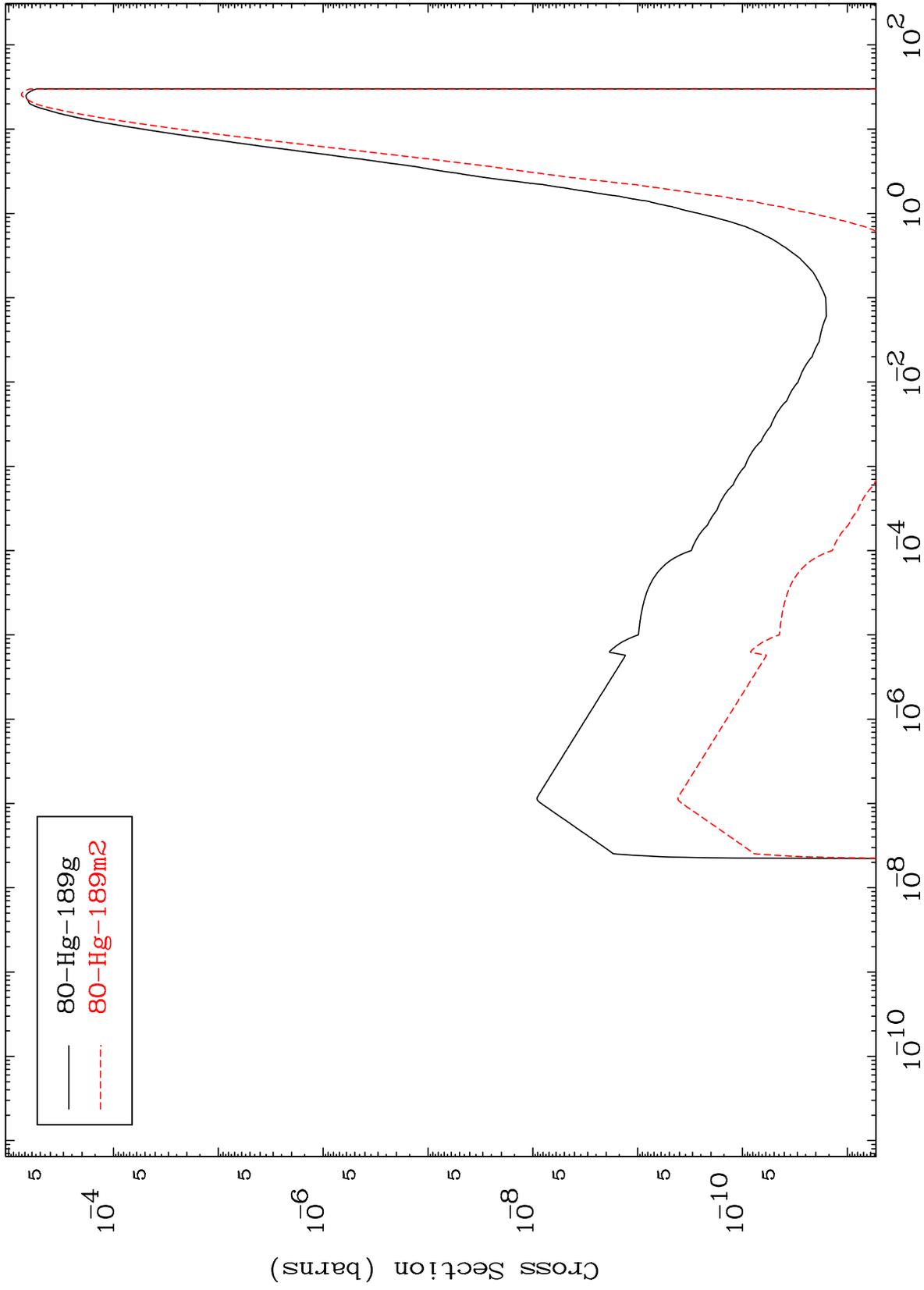
83-Bi-193

MAT 8278

(n,p)  $\alpha$

83-Bi-193

Radionuclide Production Cross Section



35

Incident Energy (MeV)

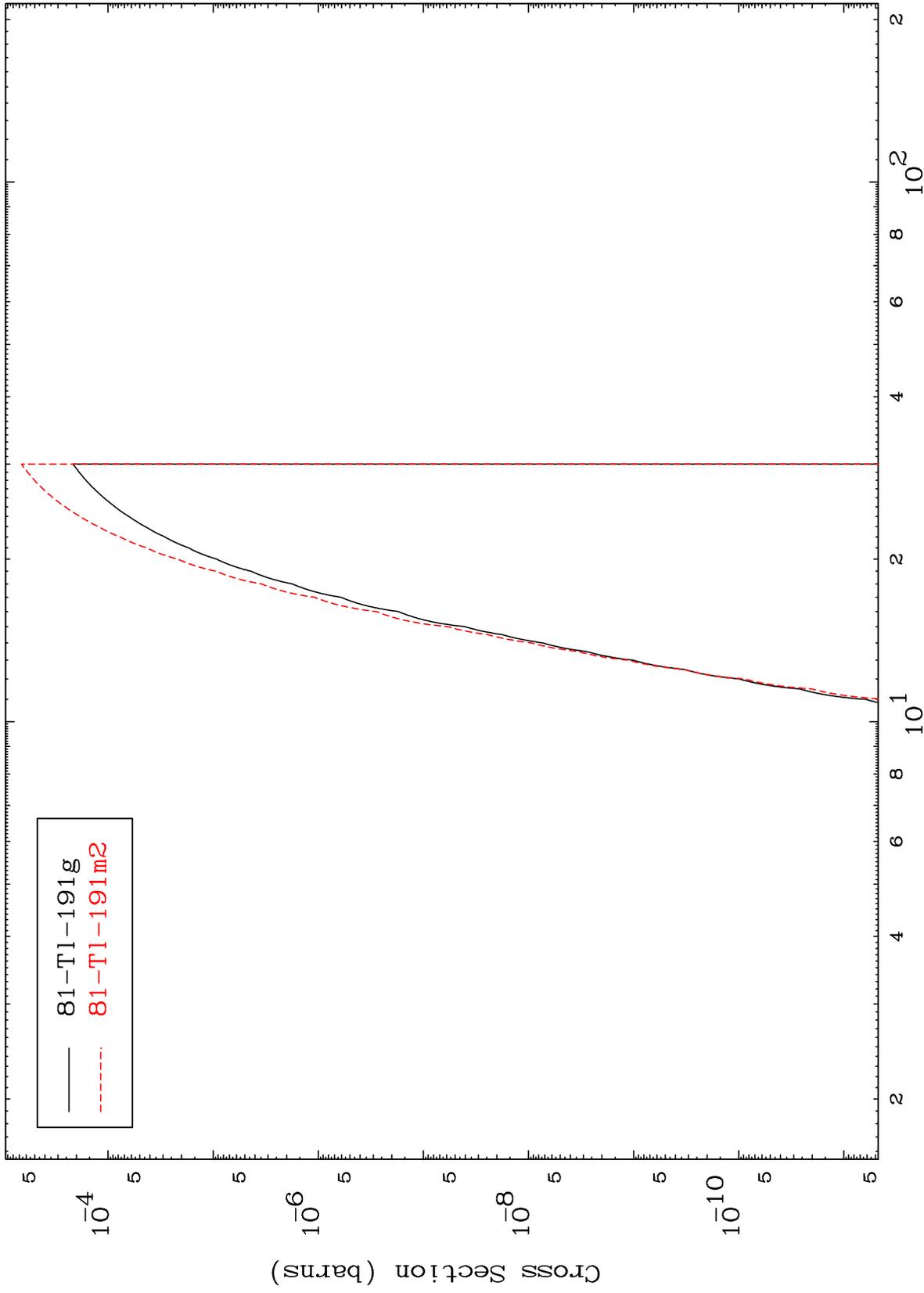
83-Bi-193

MAT 8278

(n,p) d

83-Bi-193

Radionuclide Production Cross Section



36

Incident Energy (MeV)

83-Bi-193