

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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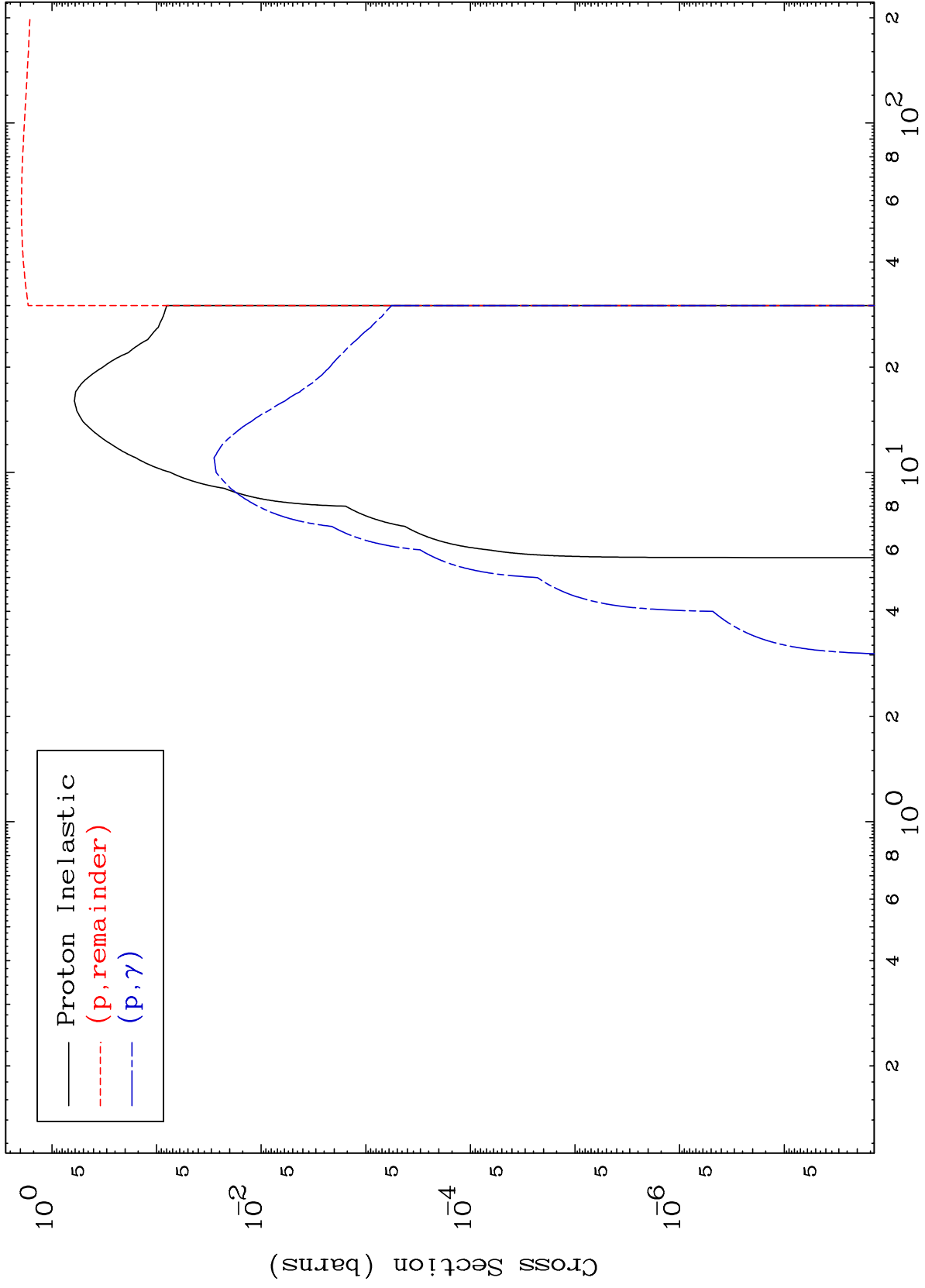
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

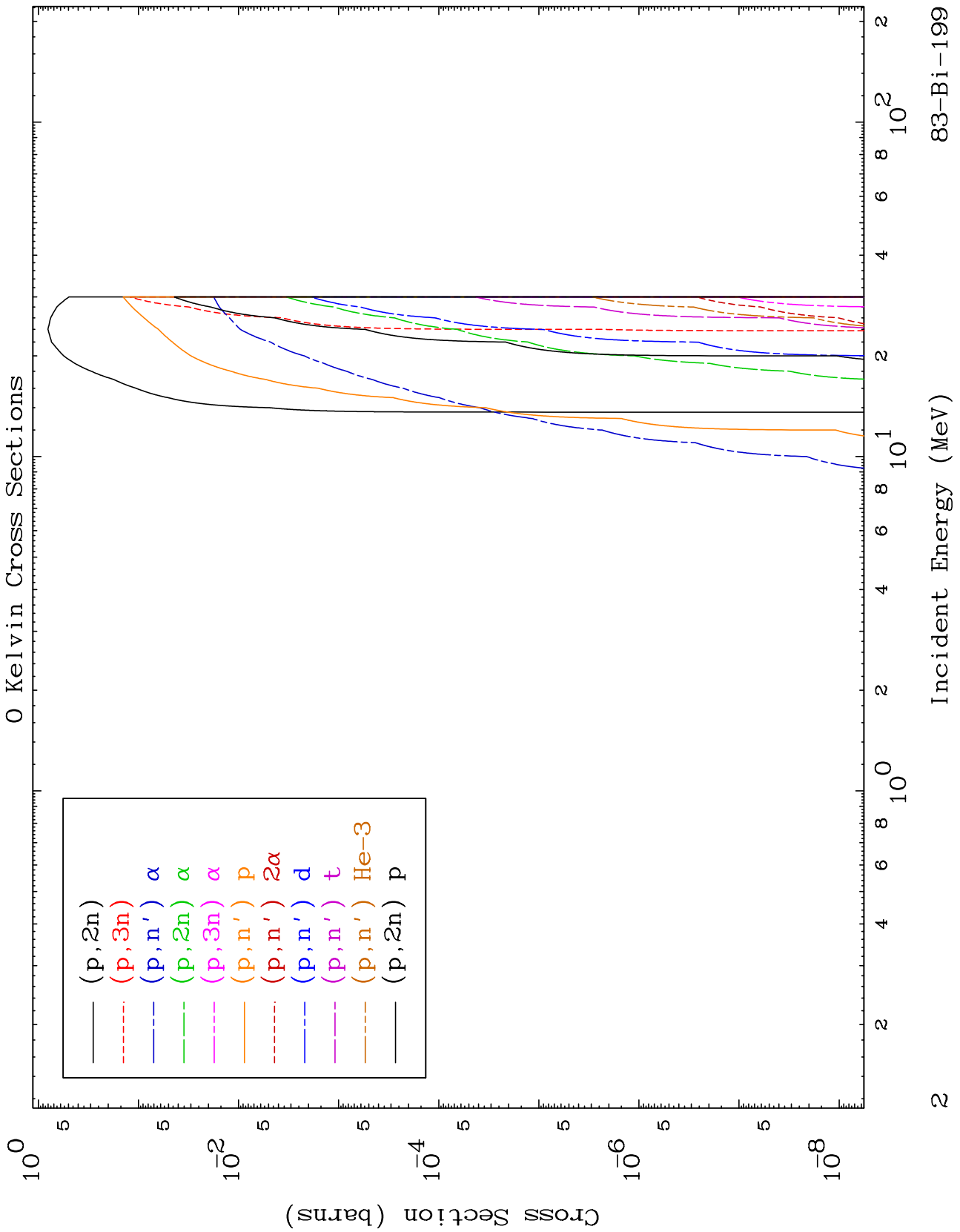
0 Kelvin Cross Sections



MAT 8296

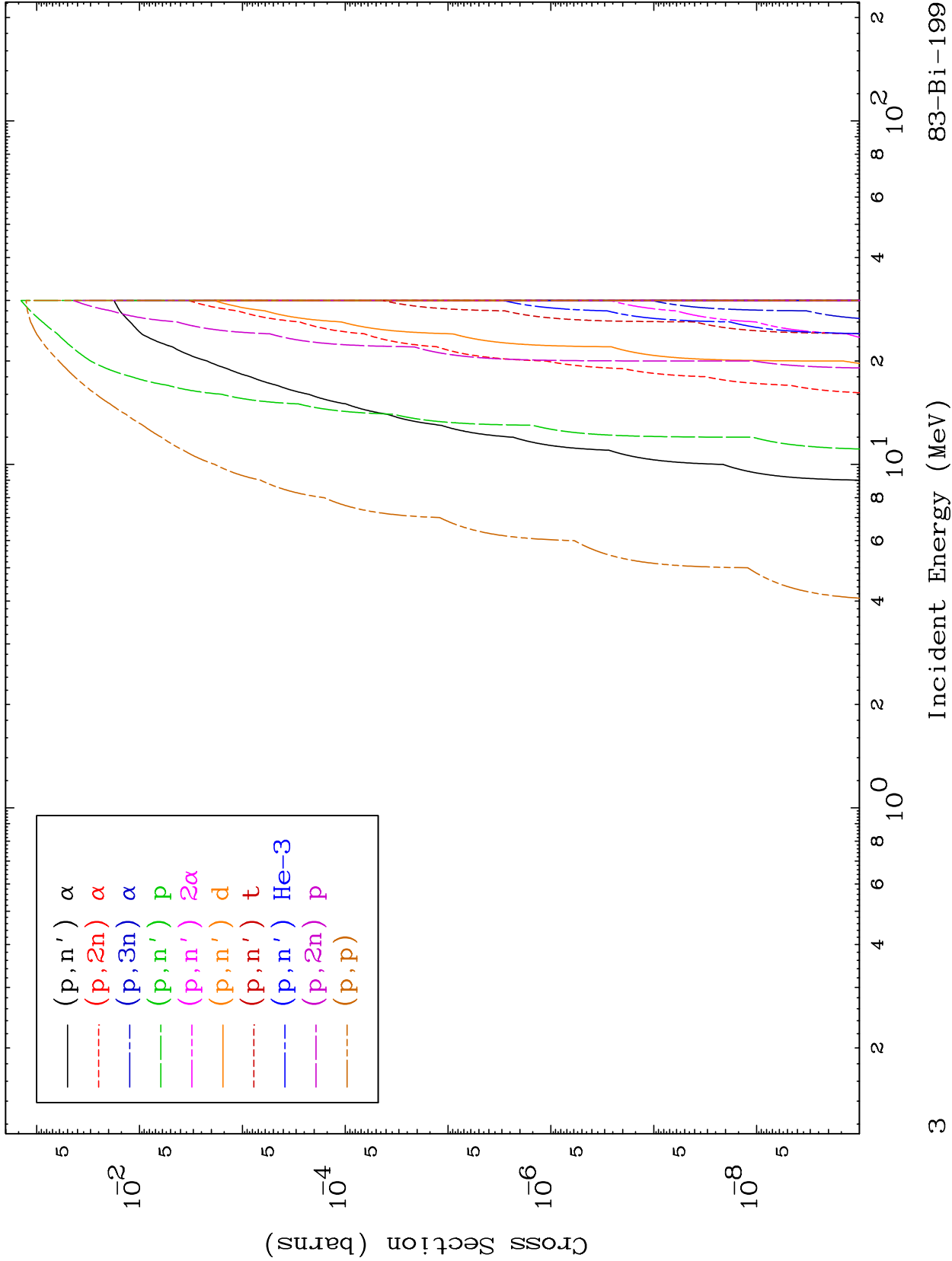
Proton Neutron Production  
0 Kelvin Cross Sections

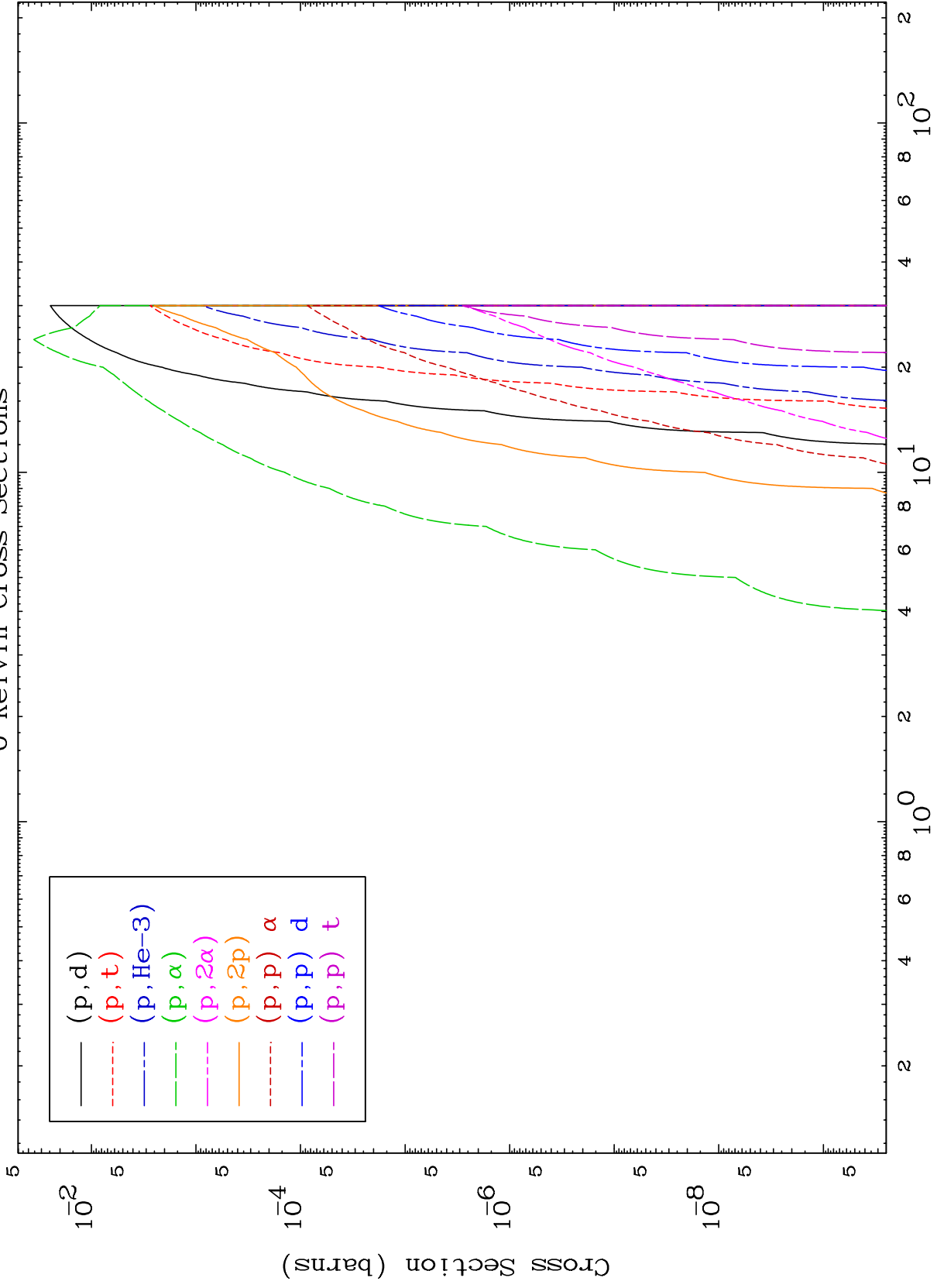
83-Bi-199



83-Bi-199

Incident Energy (MeV)

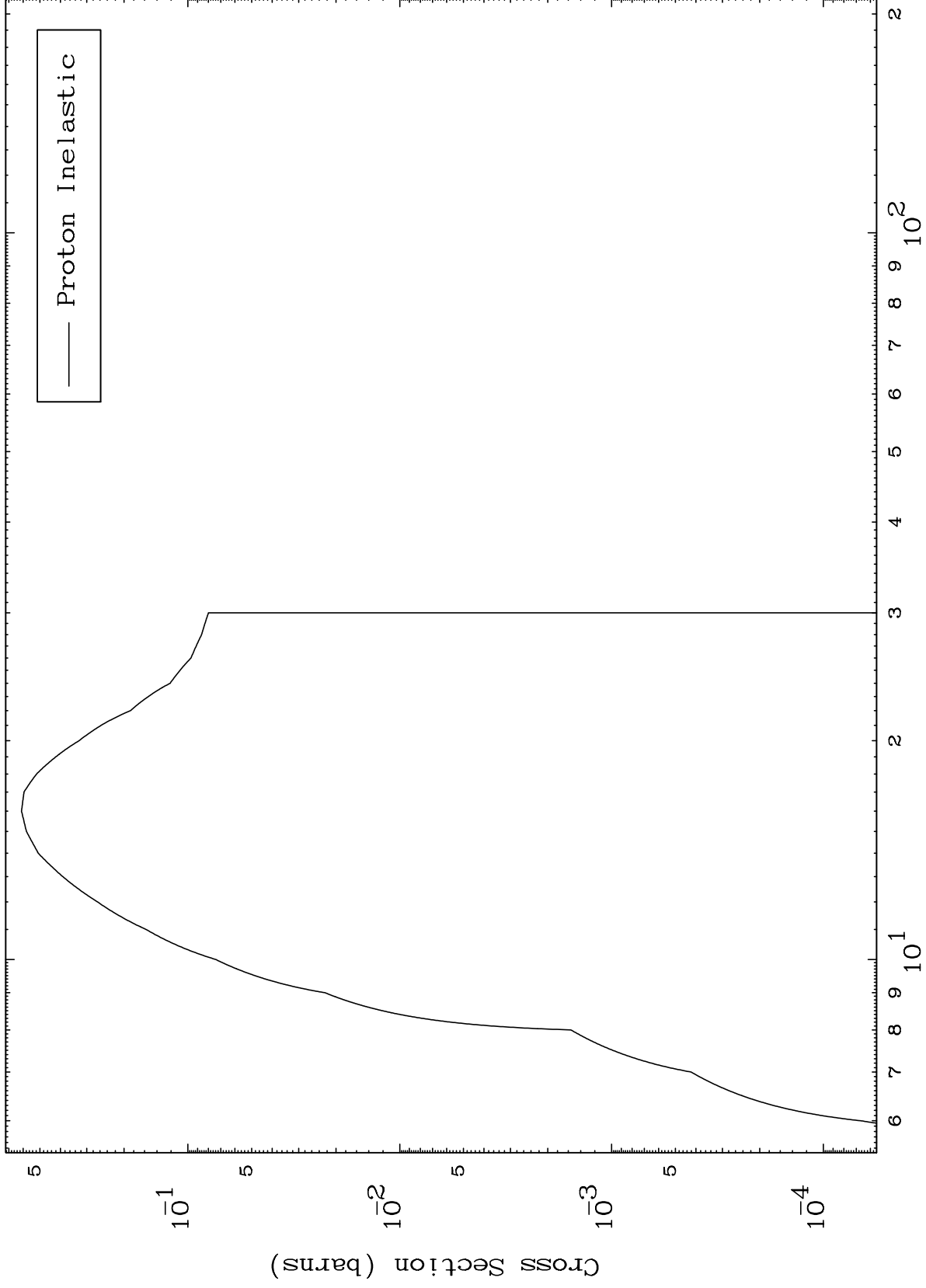




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83-Bi-199

(p,n') Level  
0 Kelvin Cross Sections



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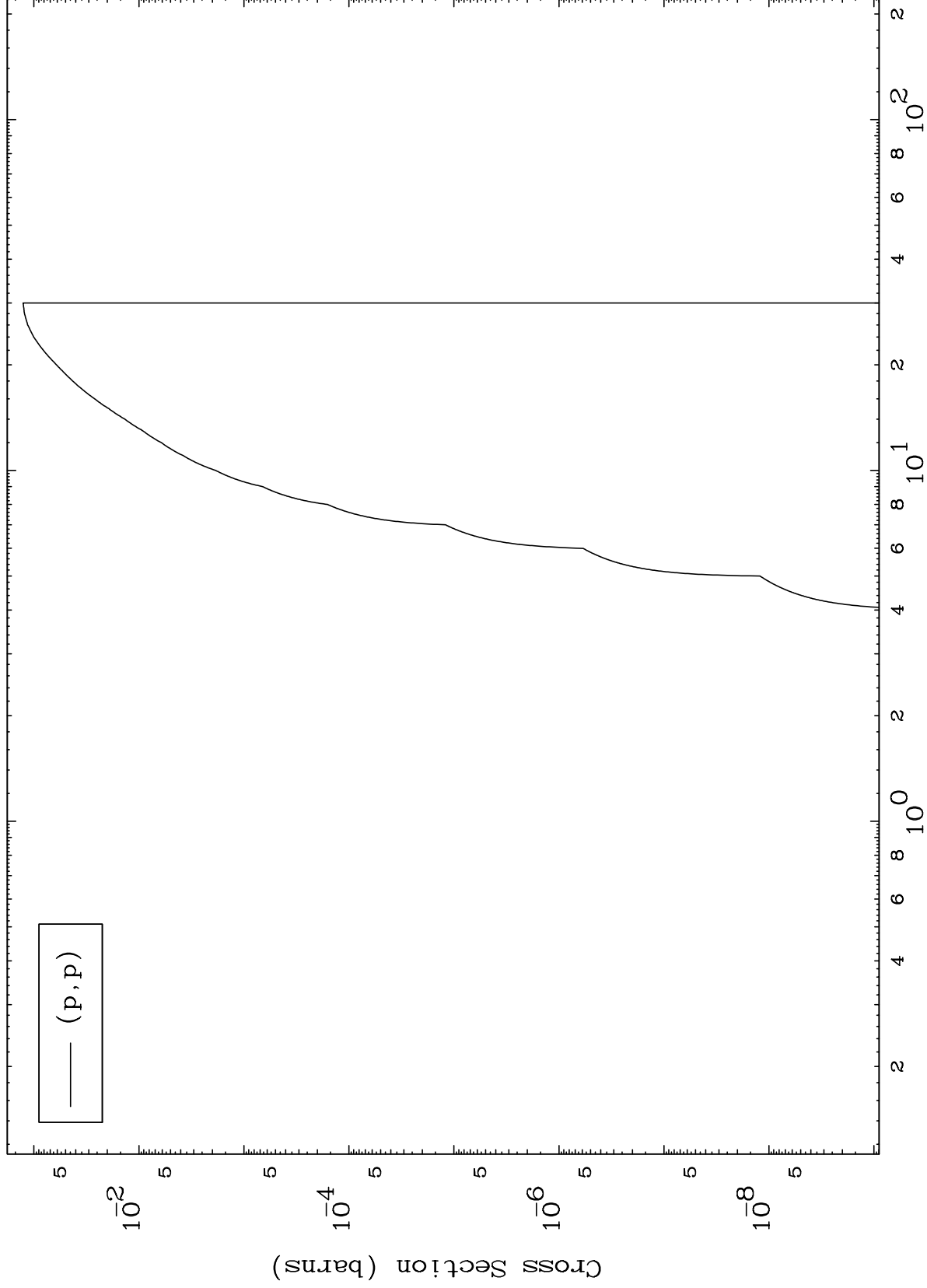
Incident Energy (MeV)

83-Bi-199

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(p,p) Levels  
0 Kelvin Cross Sections

83-Bi-199



6

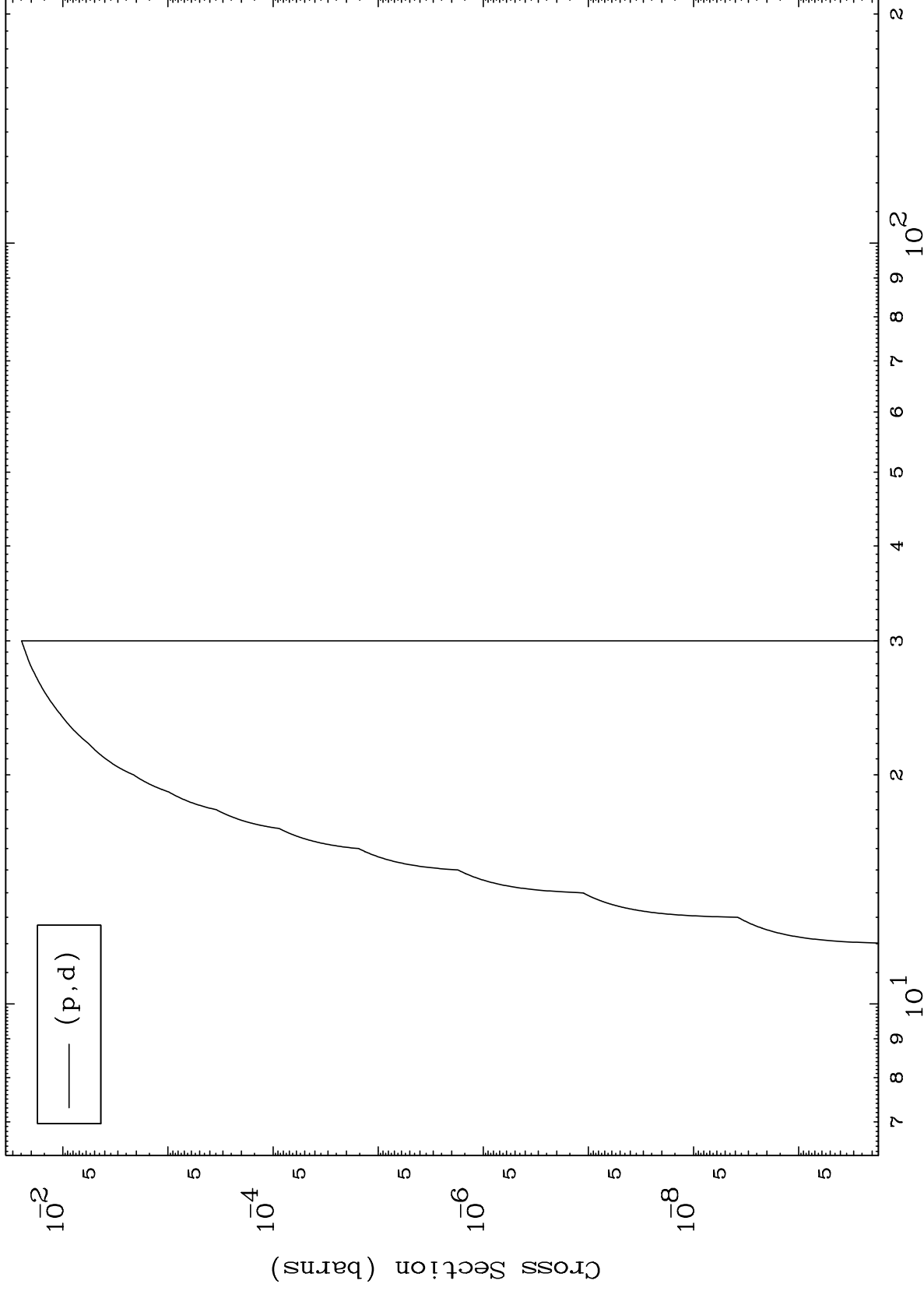
Incident Energy (MeV)

83-Bi-199

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(p,d) Levels  
0 Kelvin Cross Sections

83-Bi-199



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Incident Energy (MeV)

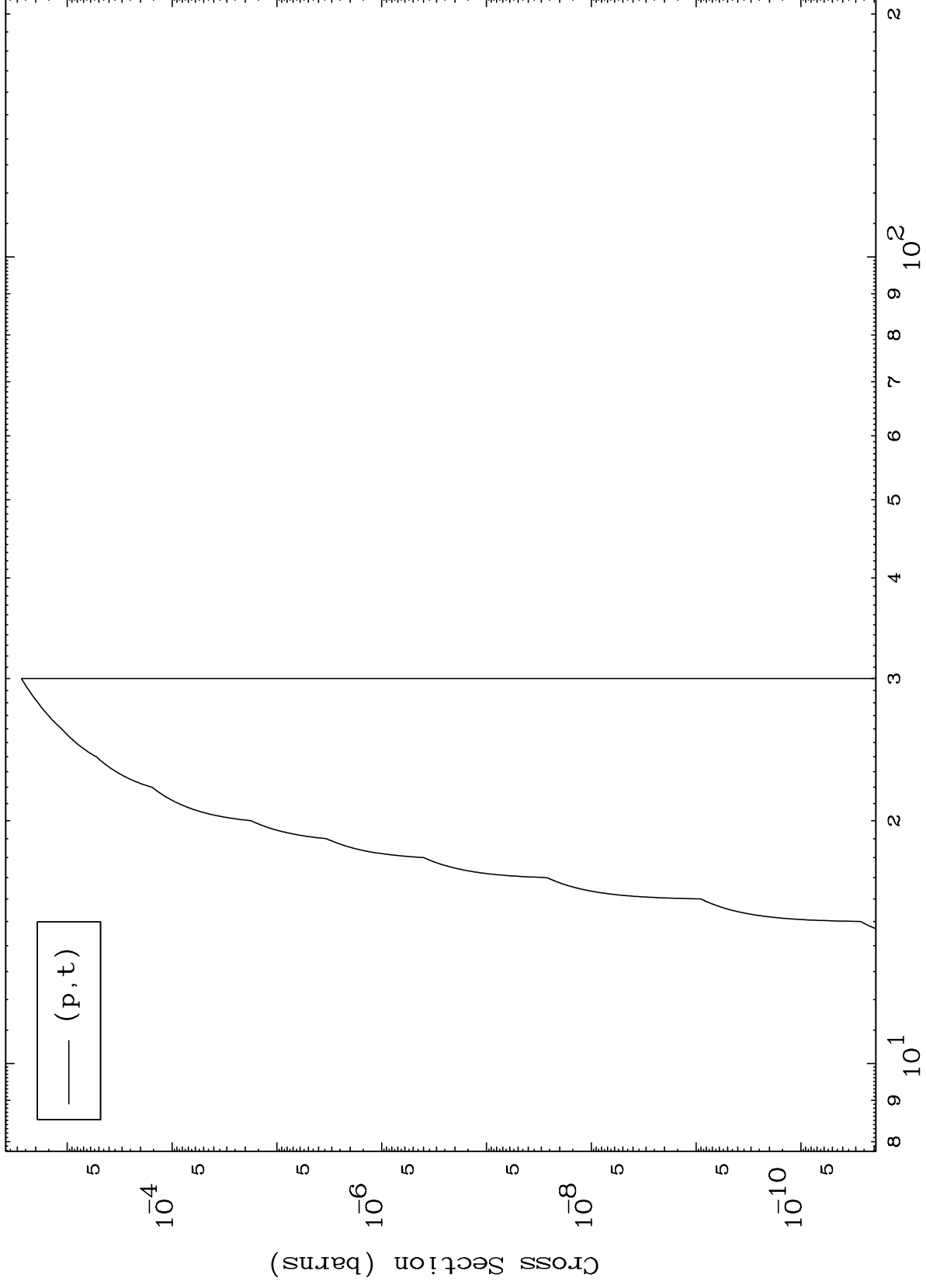
83-Bi-199



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(p,t) Levels  
0 Kelvin Cross Sections

83-Bi-199



8

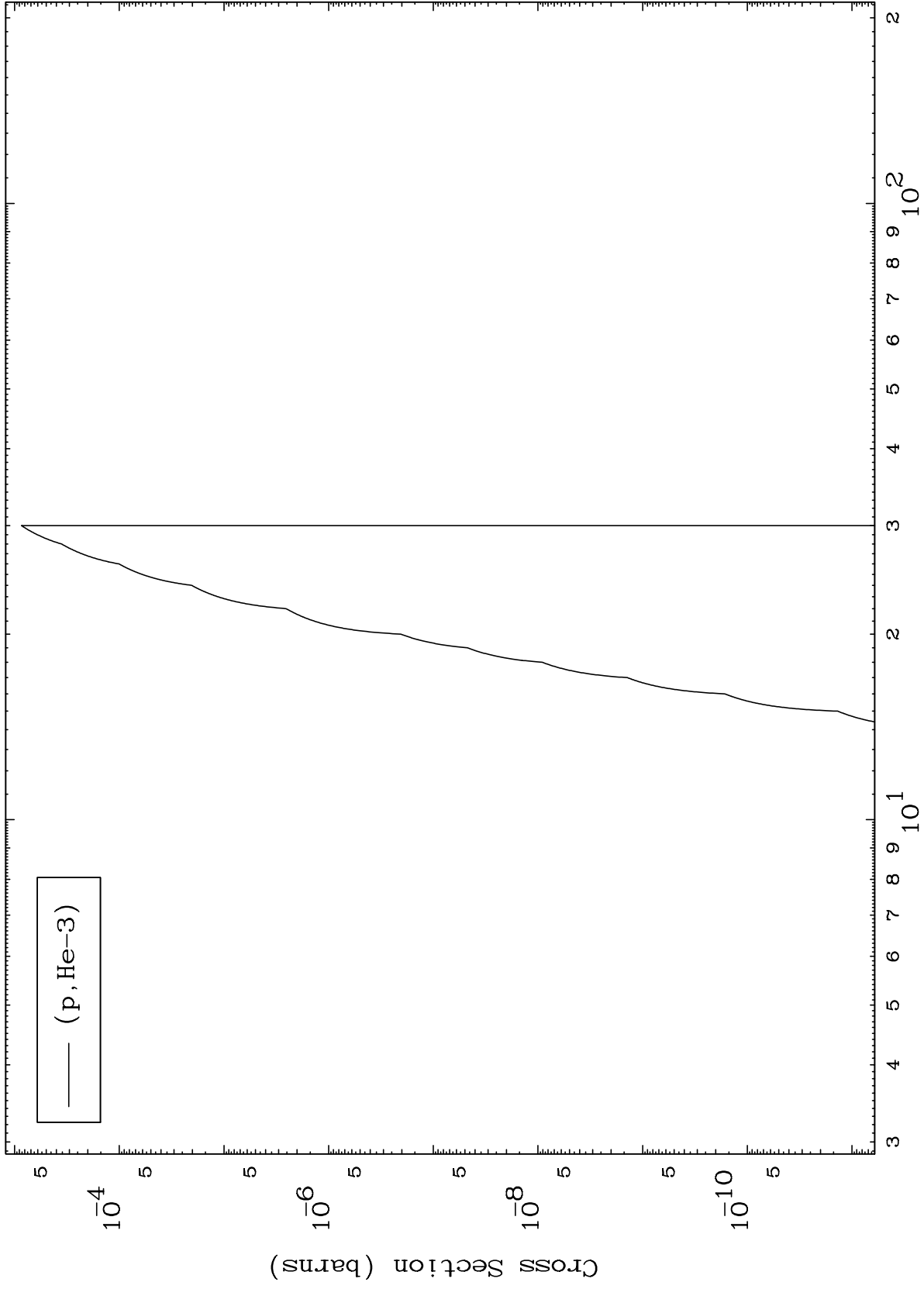
Incident Energy (MeV)

83-Bi-199

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(p,He3) Levels  
0 Kelvin Cross Sections

83-Bi-199

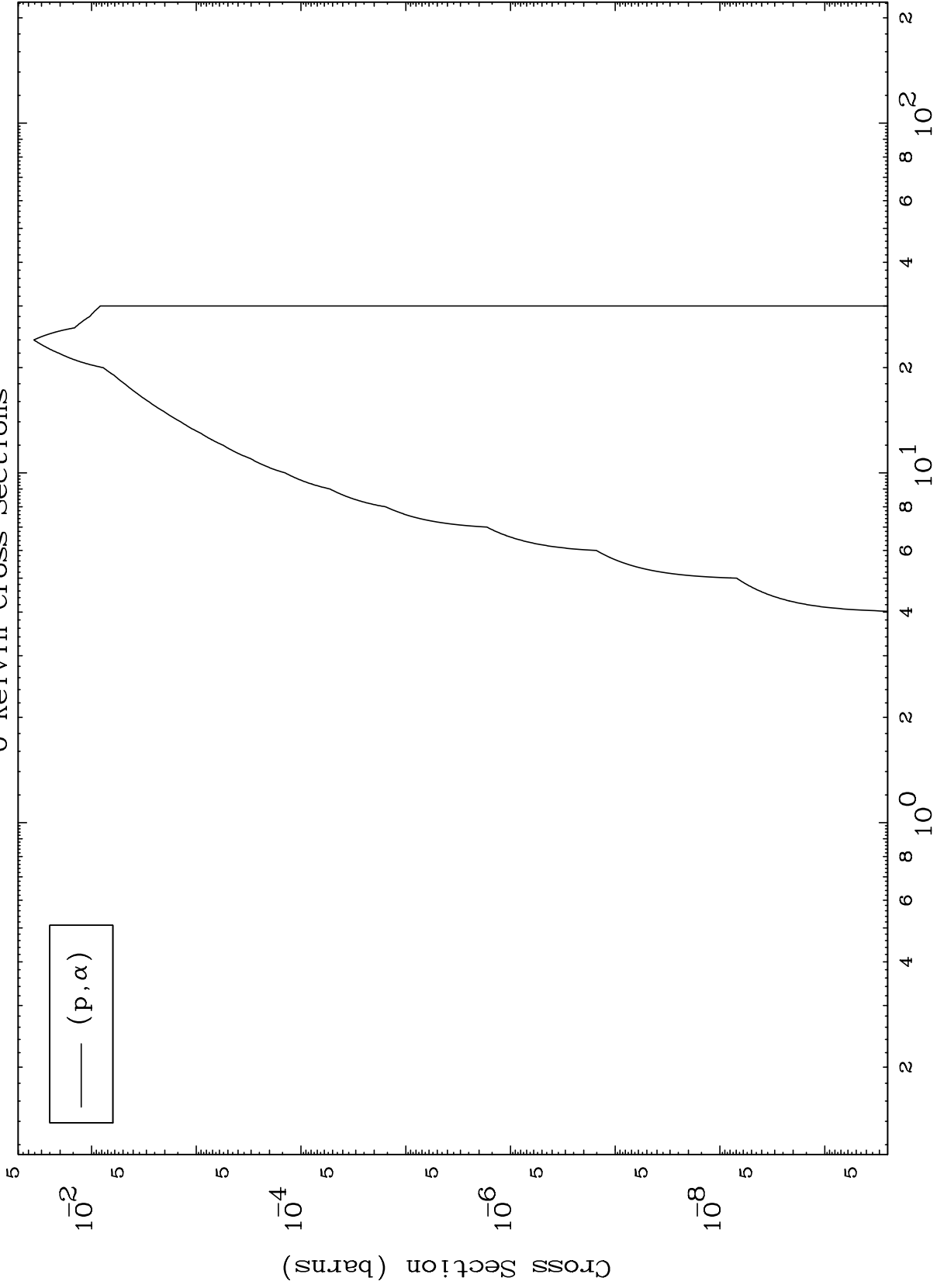


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(p,  $\alpha$ ) Levels

83-Bi-199

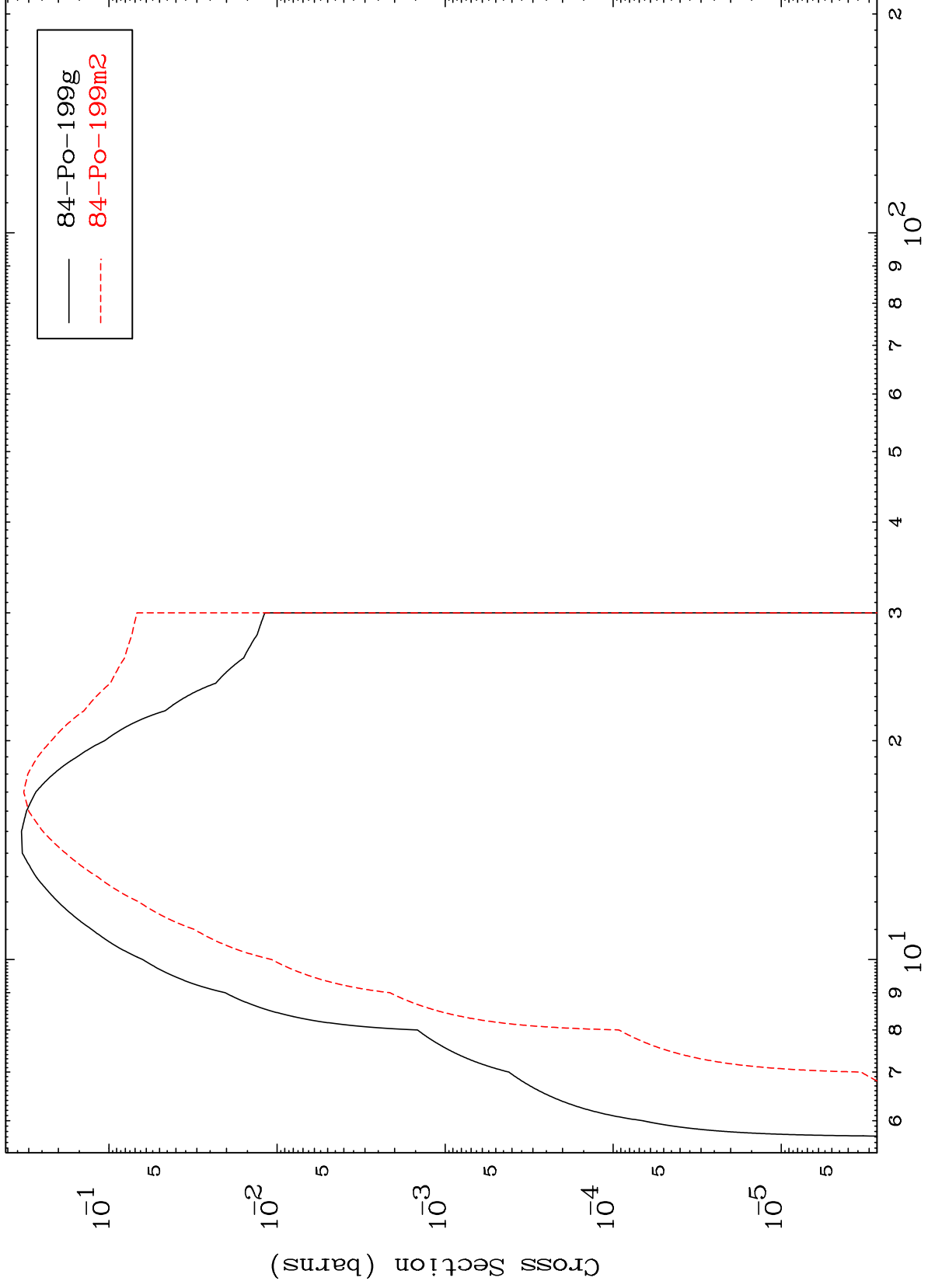
0 Kelvin Cross Sections

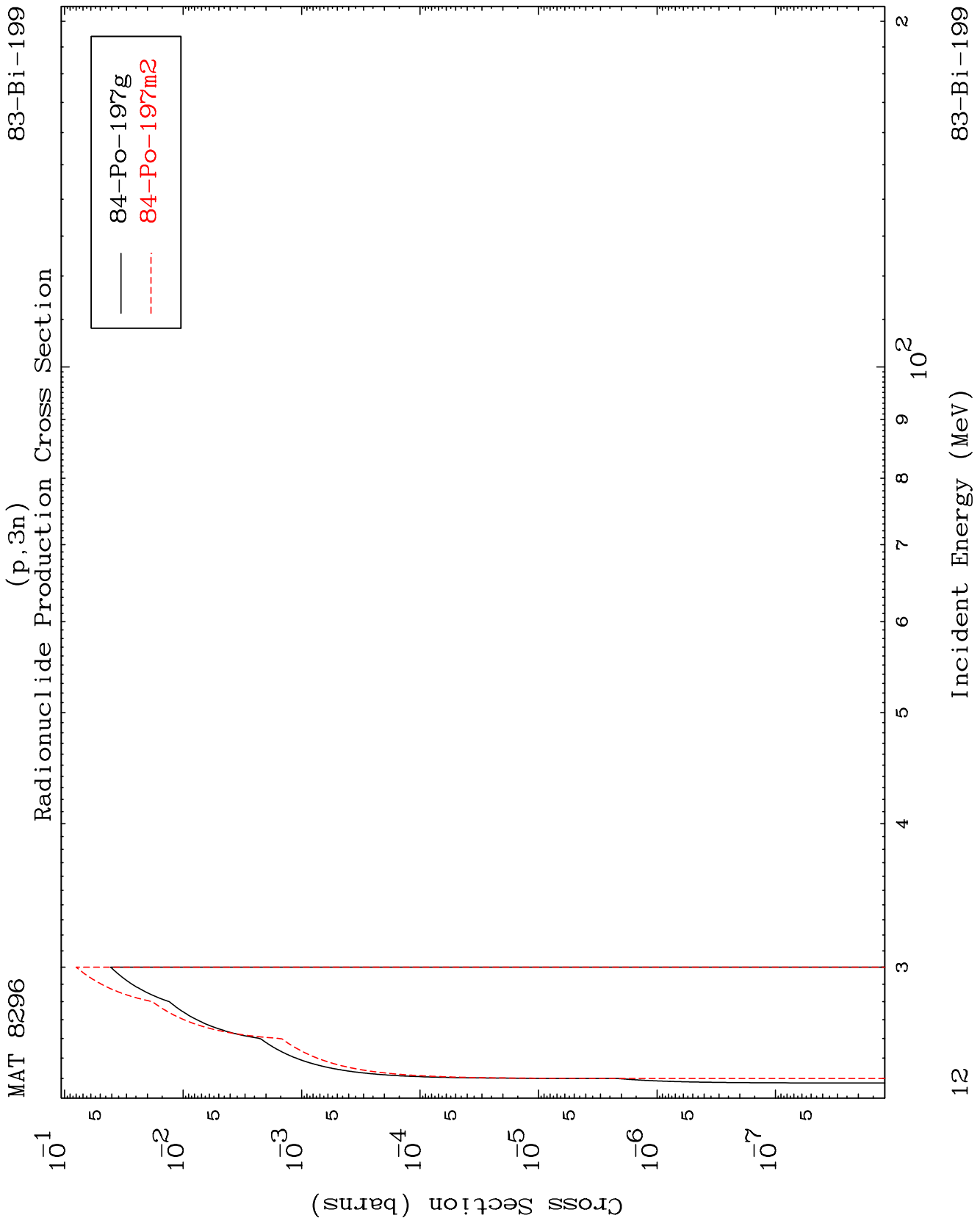


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Incident Energy (MeV)

83-Bi-199

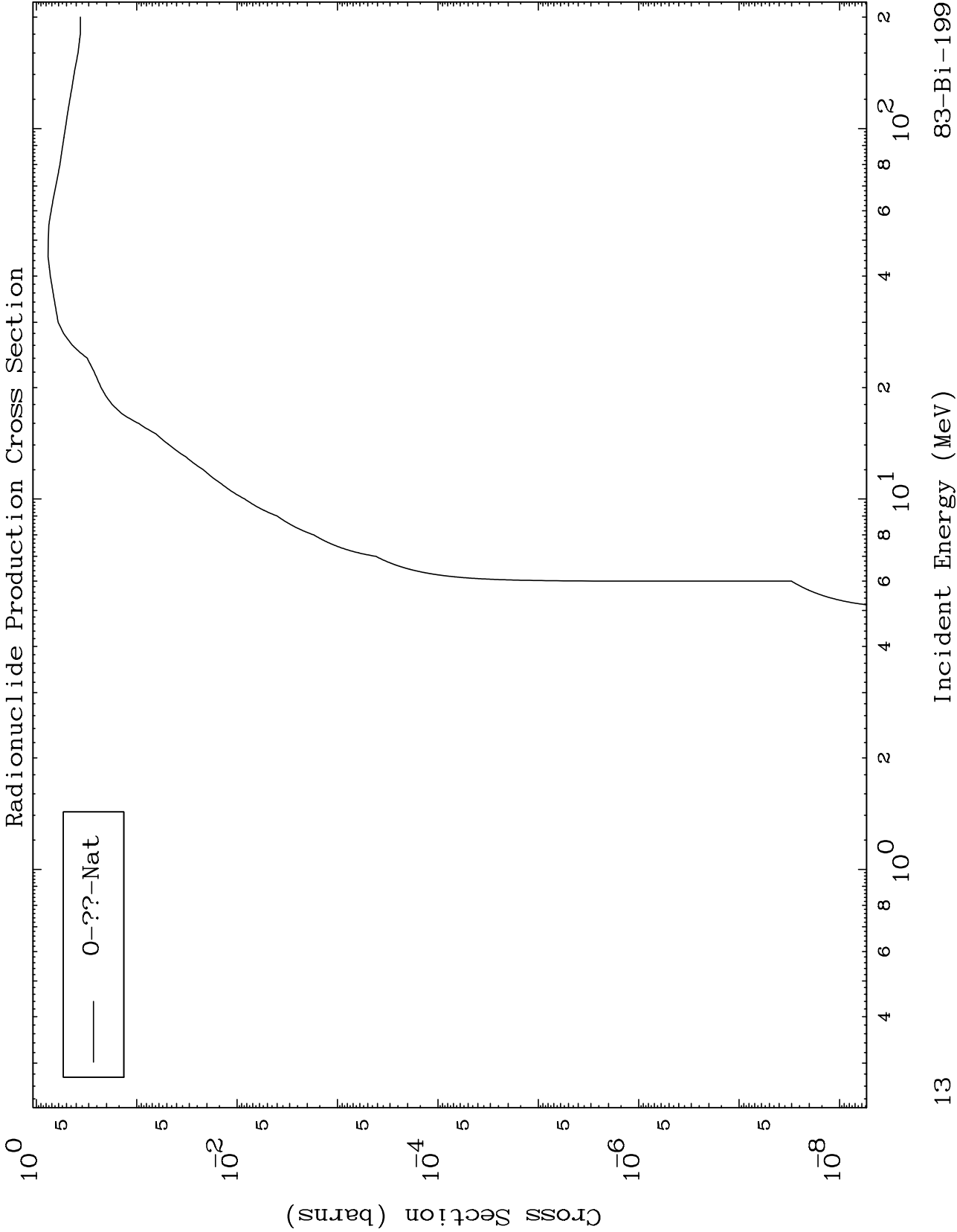




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Proton Fission

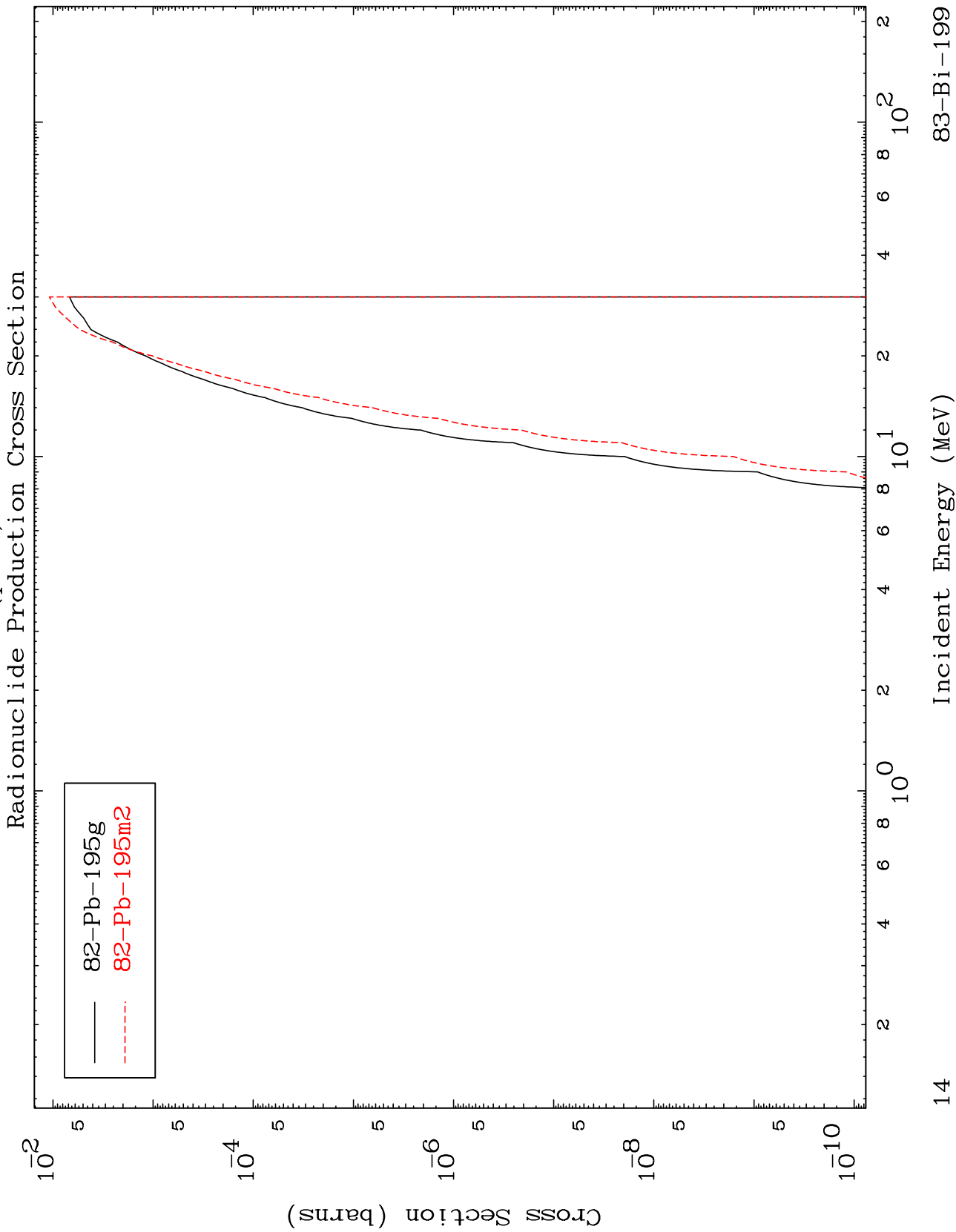
83-Bi-199



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(p,n')  $\alpha$

83-Bi-199



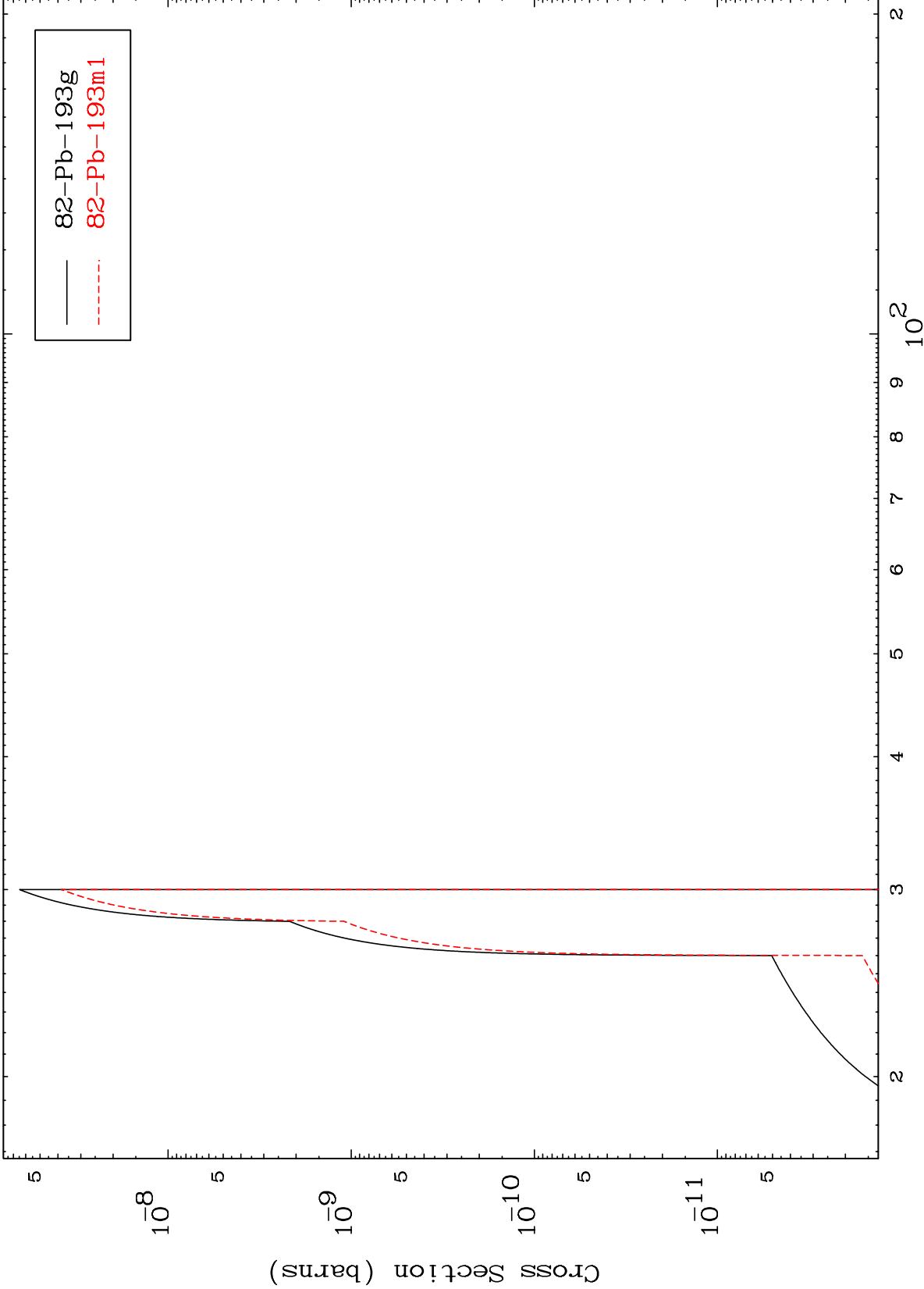
82-Pb-195g  
82-Pb-195m2

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(p,3n)  $\alpha$

83-Bi-199

Radionuclide Production Cross Section



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

15

Incident Energy (MeV)

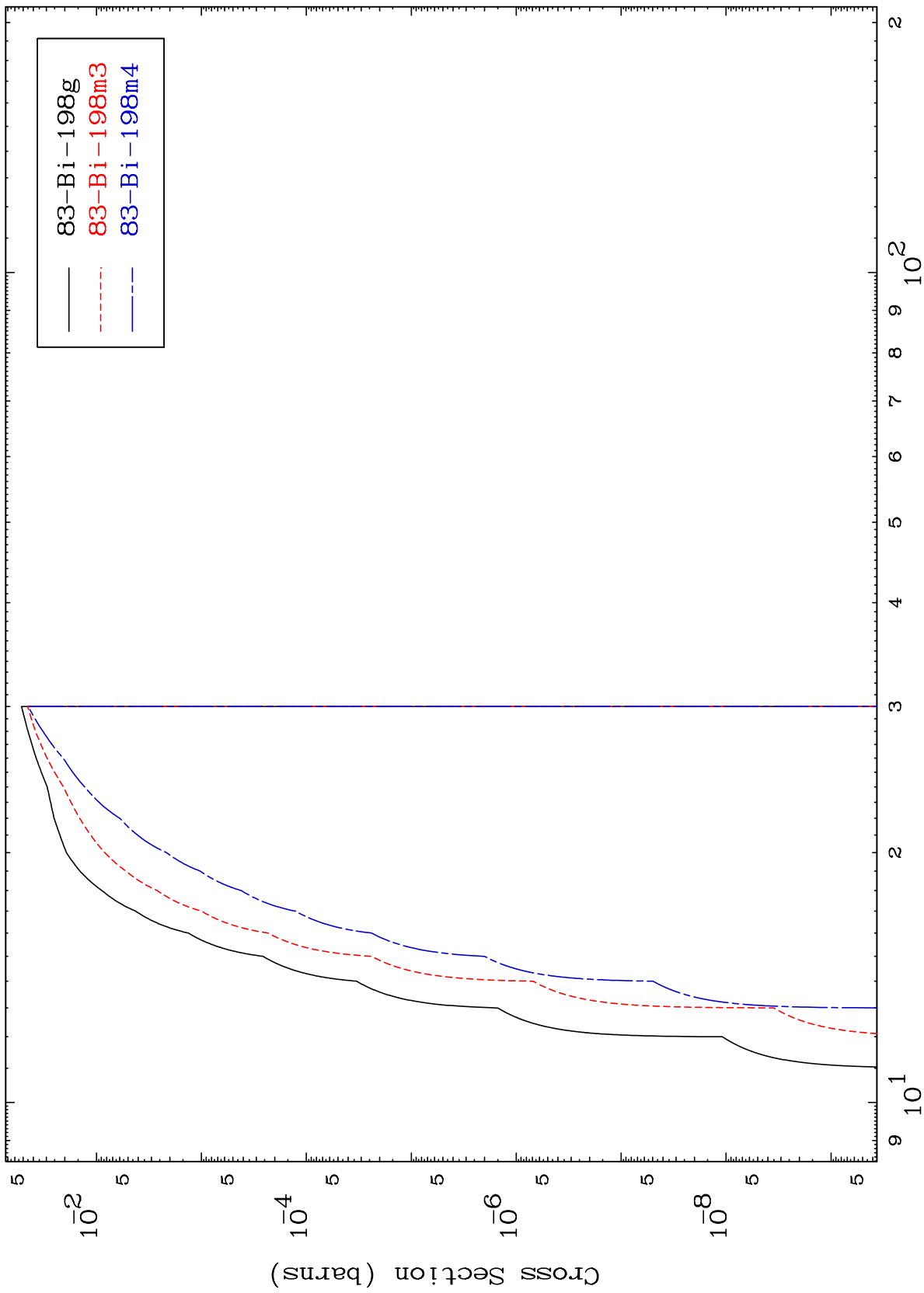
83-Bi-199



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83-Bi-199

(p,n') p  
Radionuclide Production Cross Section



83-Bi-199

Incident Energy (MeV)

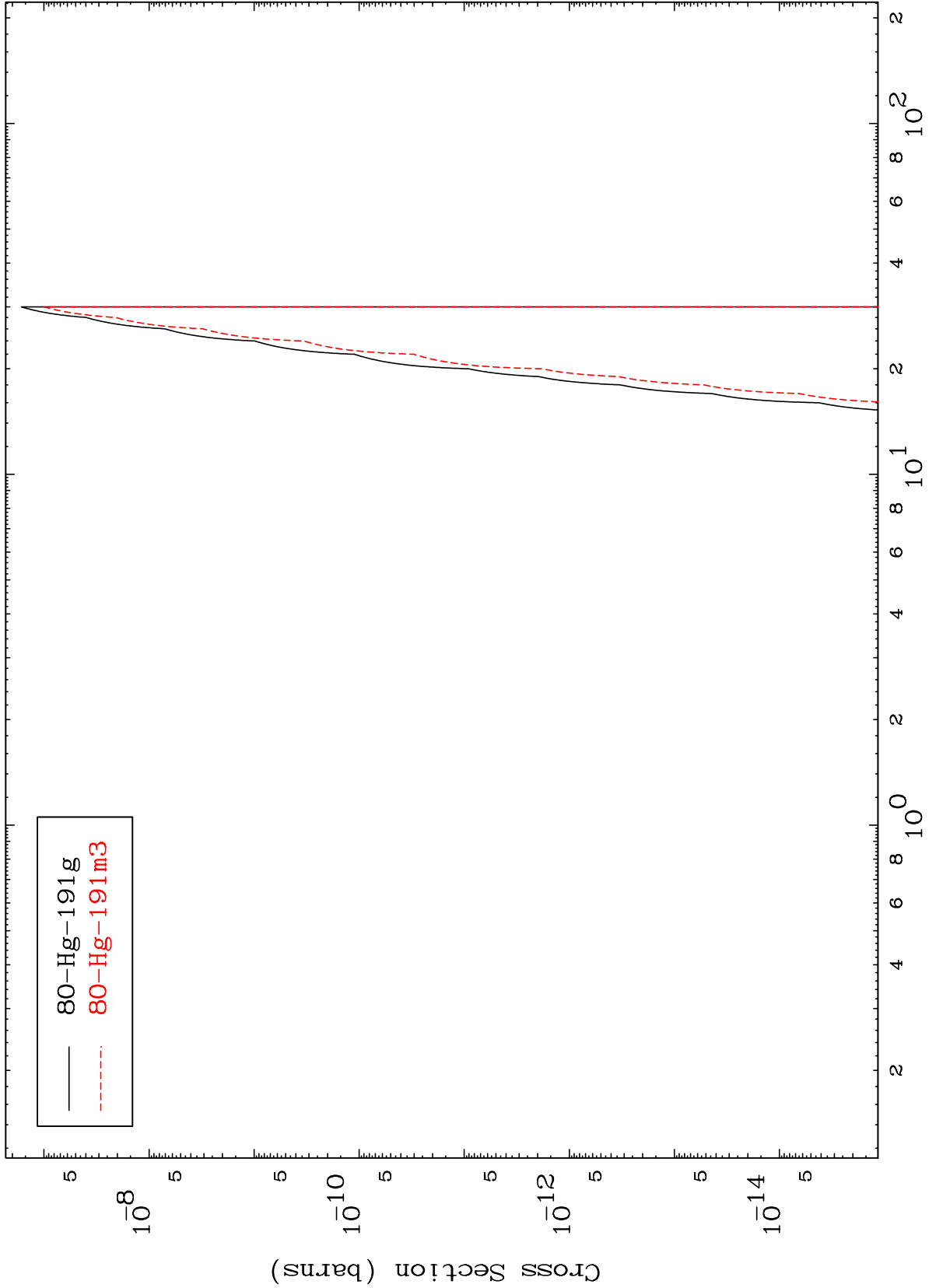
16

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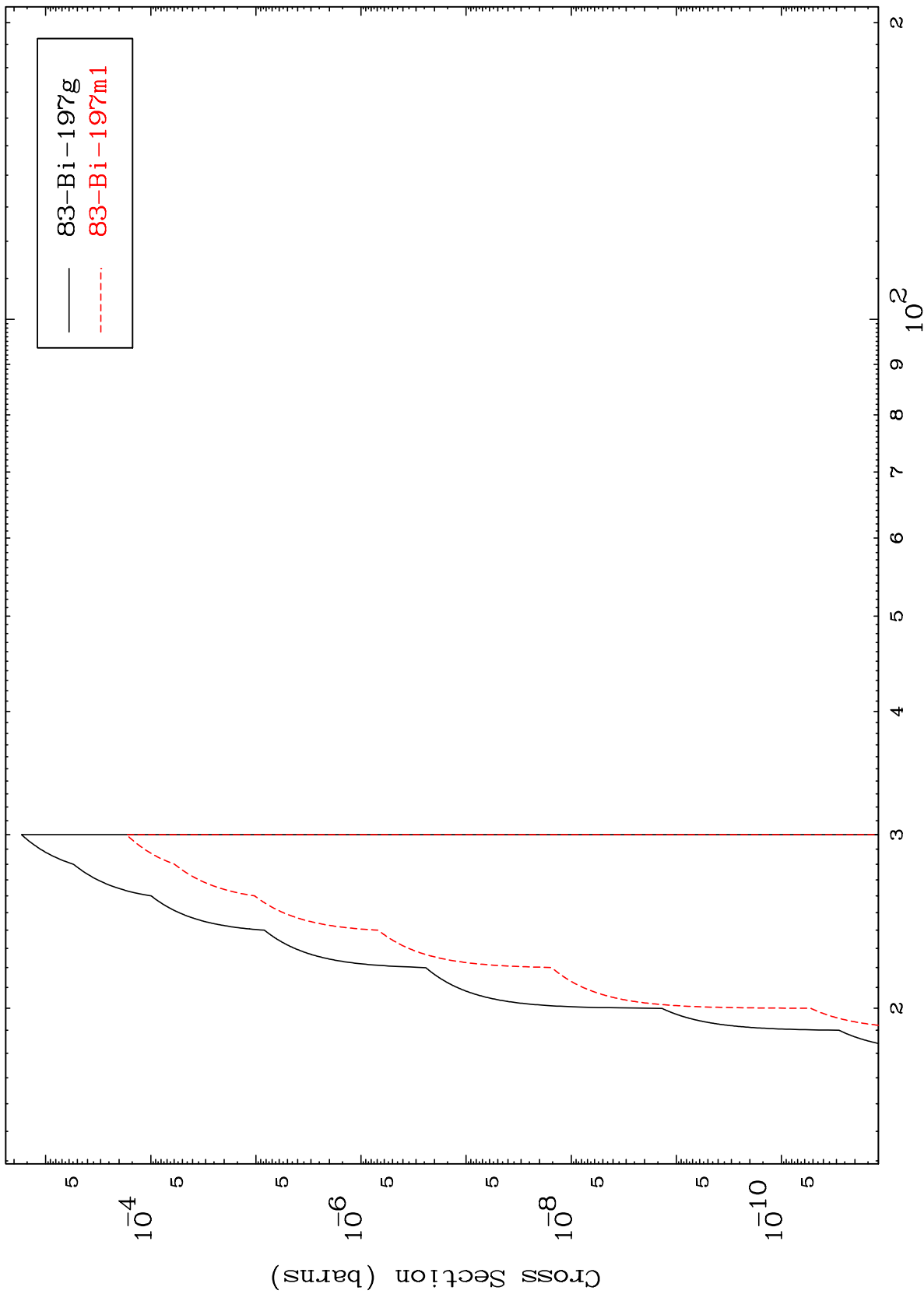
(p,n') 2 $\alpha$

83-Bi-199

Radionuclide Production Cross Section



Radionuclide Production Cross Section

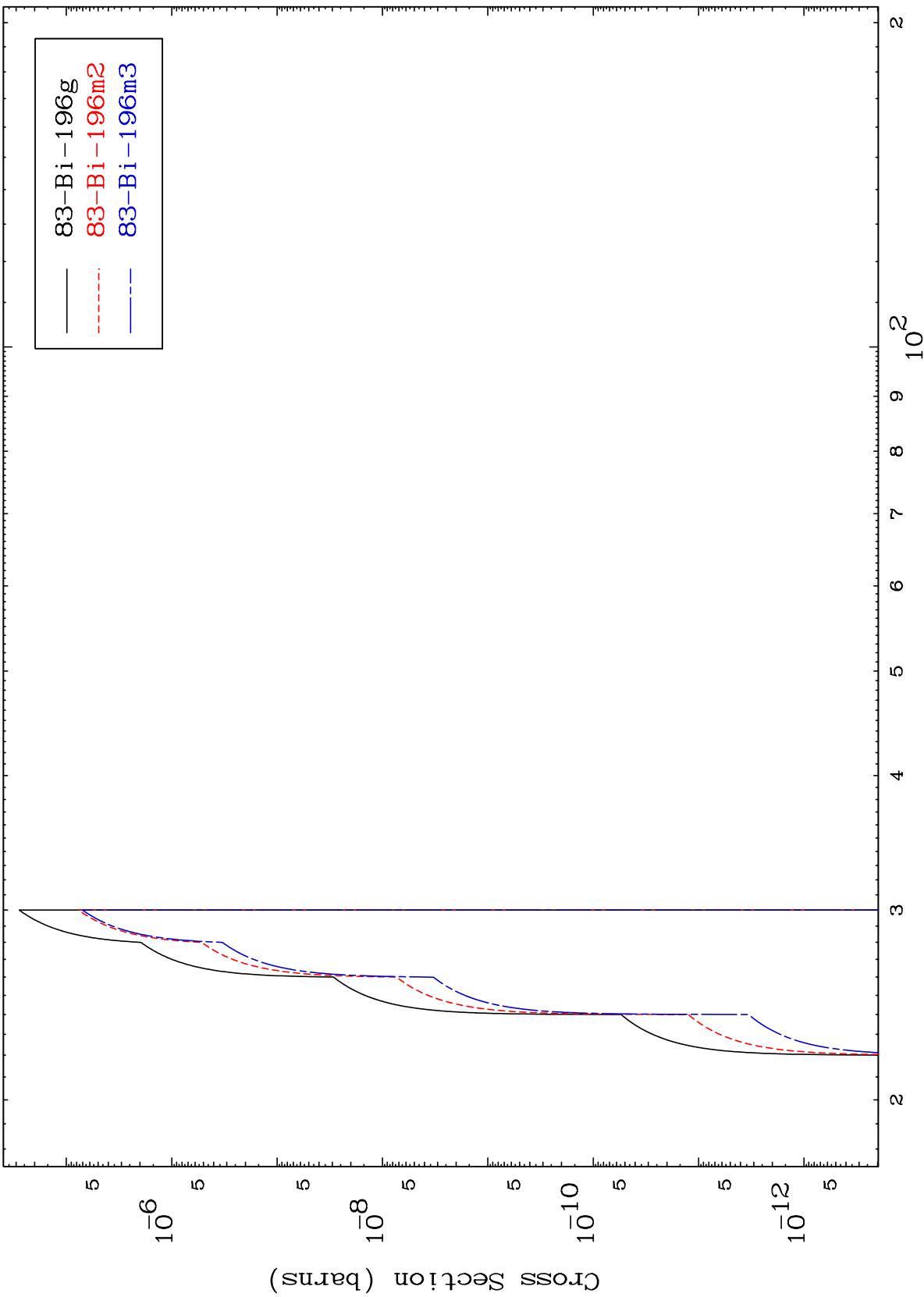


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(p,n') t

83-Bi-199

Radionuclide Production Cross Section



19

Incident Energy (MeV)

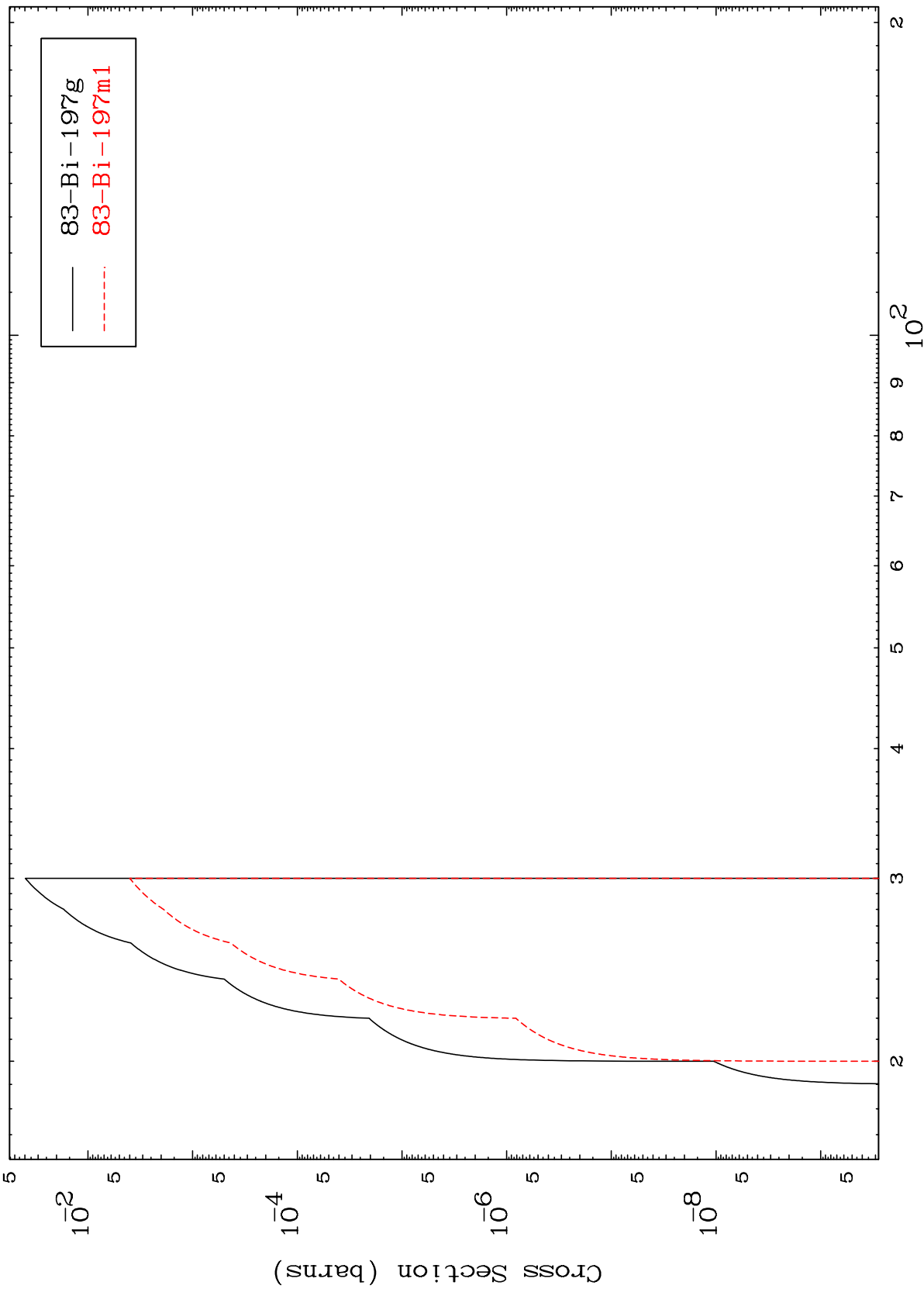
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(p,2n) p

83-Bi-199

Radionuclide Production Cross Section



20

Incident Energy (MeV)

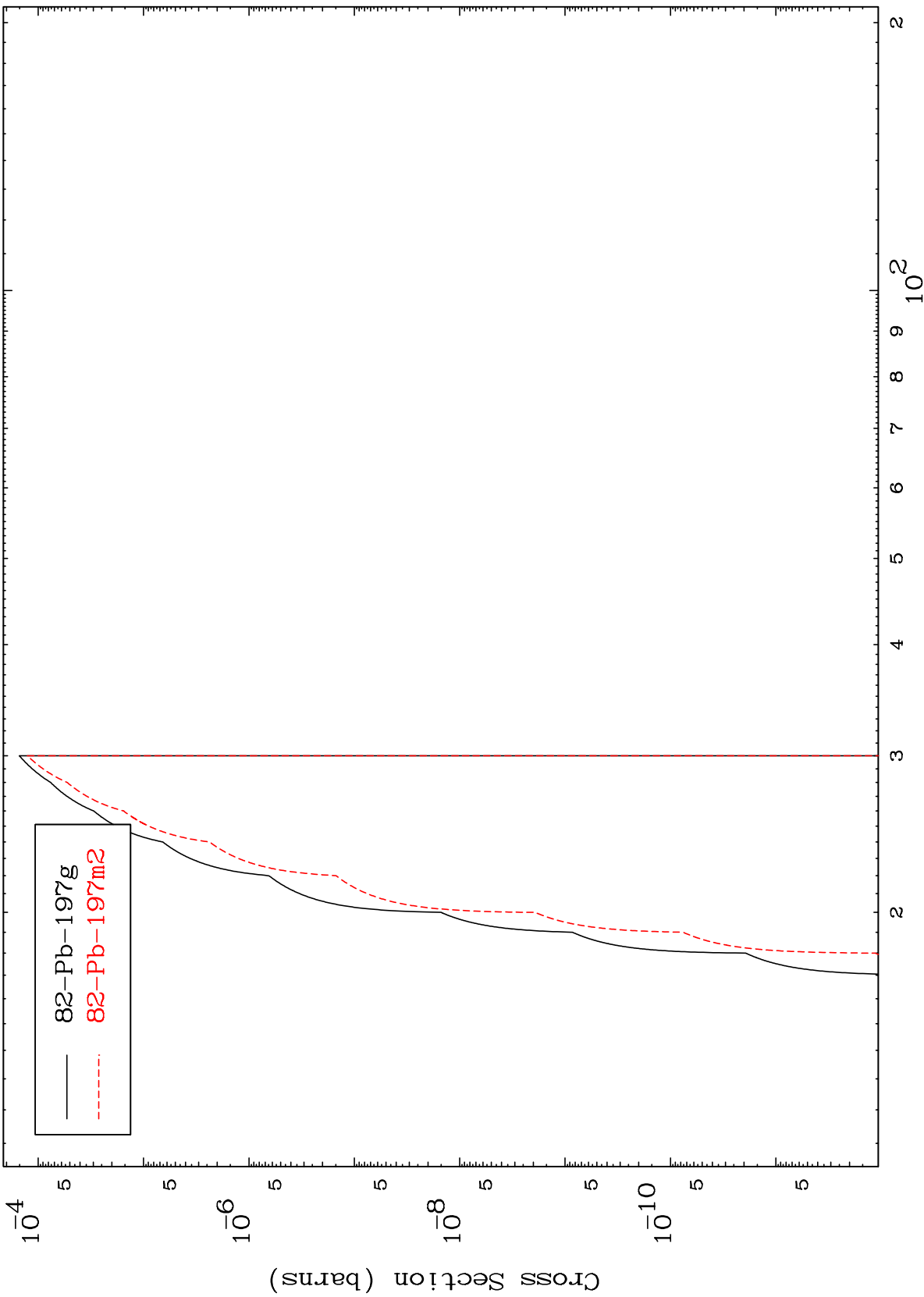
83-Bi-199

MAT 8296

(p,2n) p

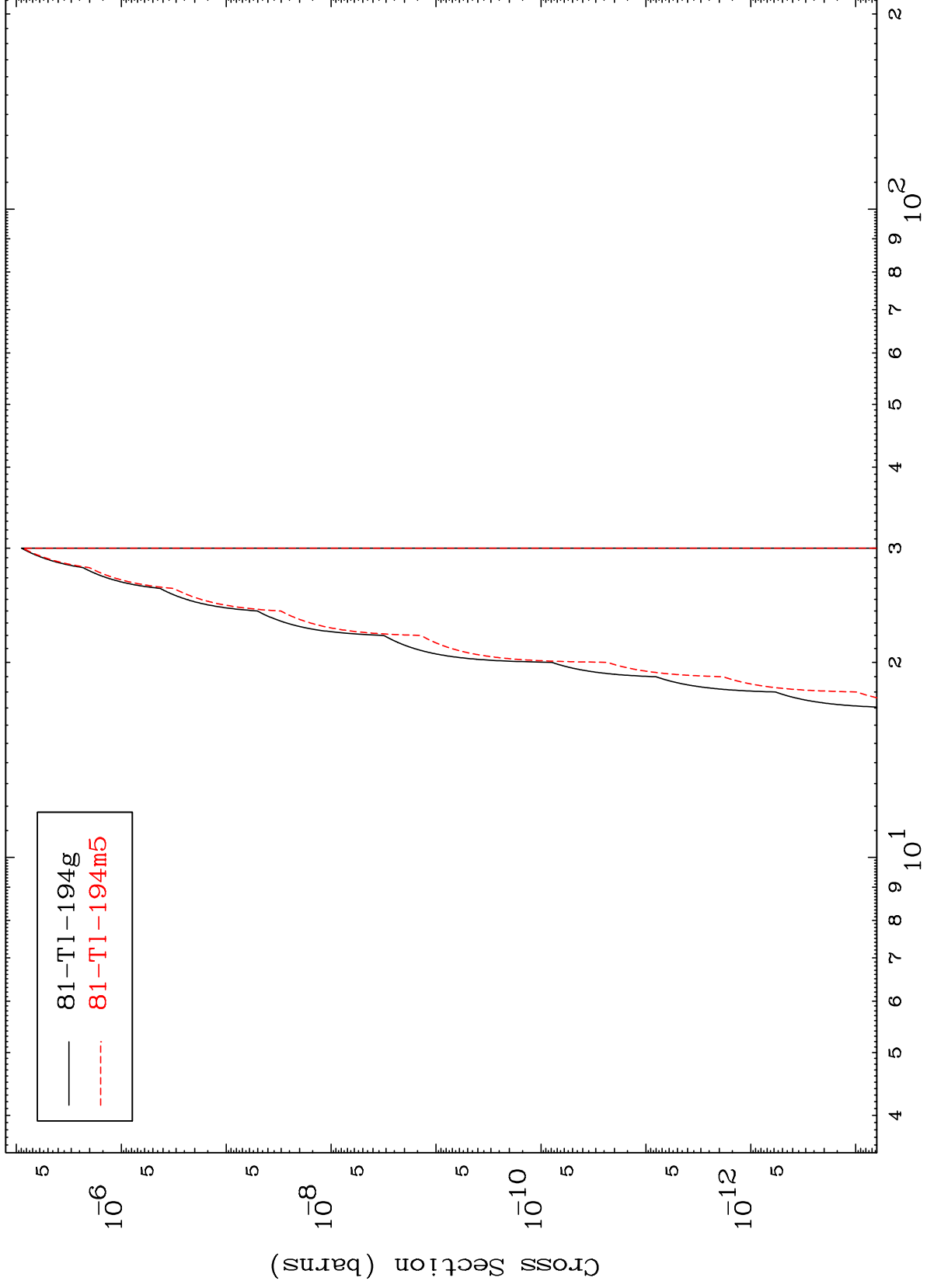
83-Bi-199

Radionuclide Production Cross Section



82-Pb-197g  
82-Pb-197m2

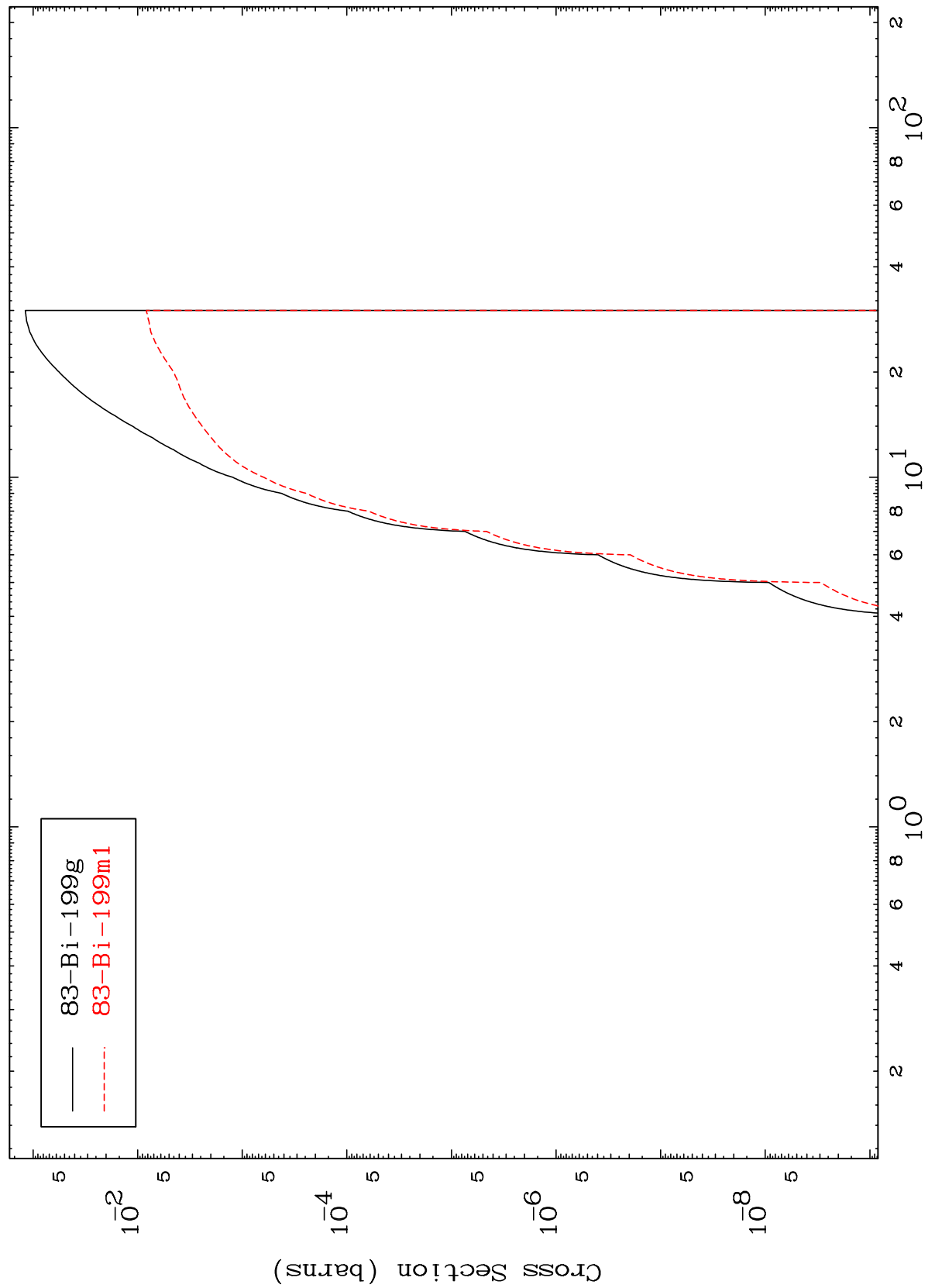
Radionuclide Production Cross Section



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83-Bi-199

Radionuclide Production Cross Section (p,p)

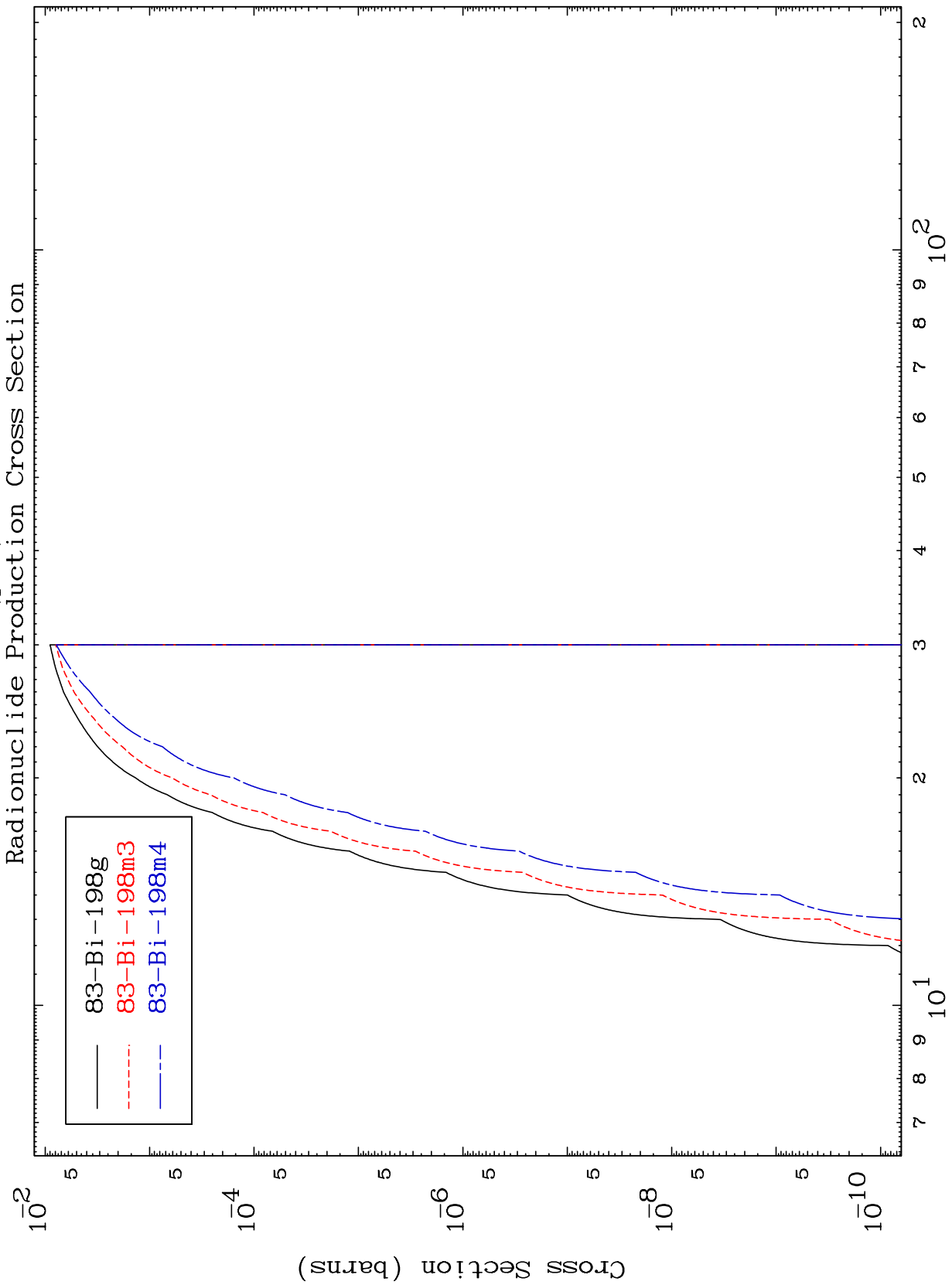




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83-Bi-199

(p,d)  
Radionuclide Production Cross Section



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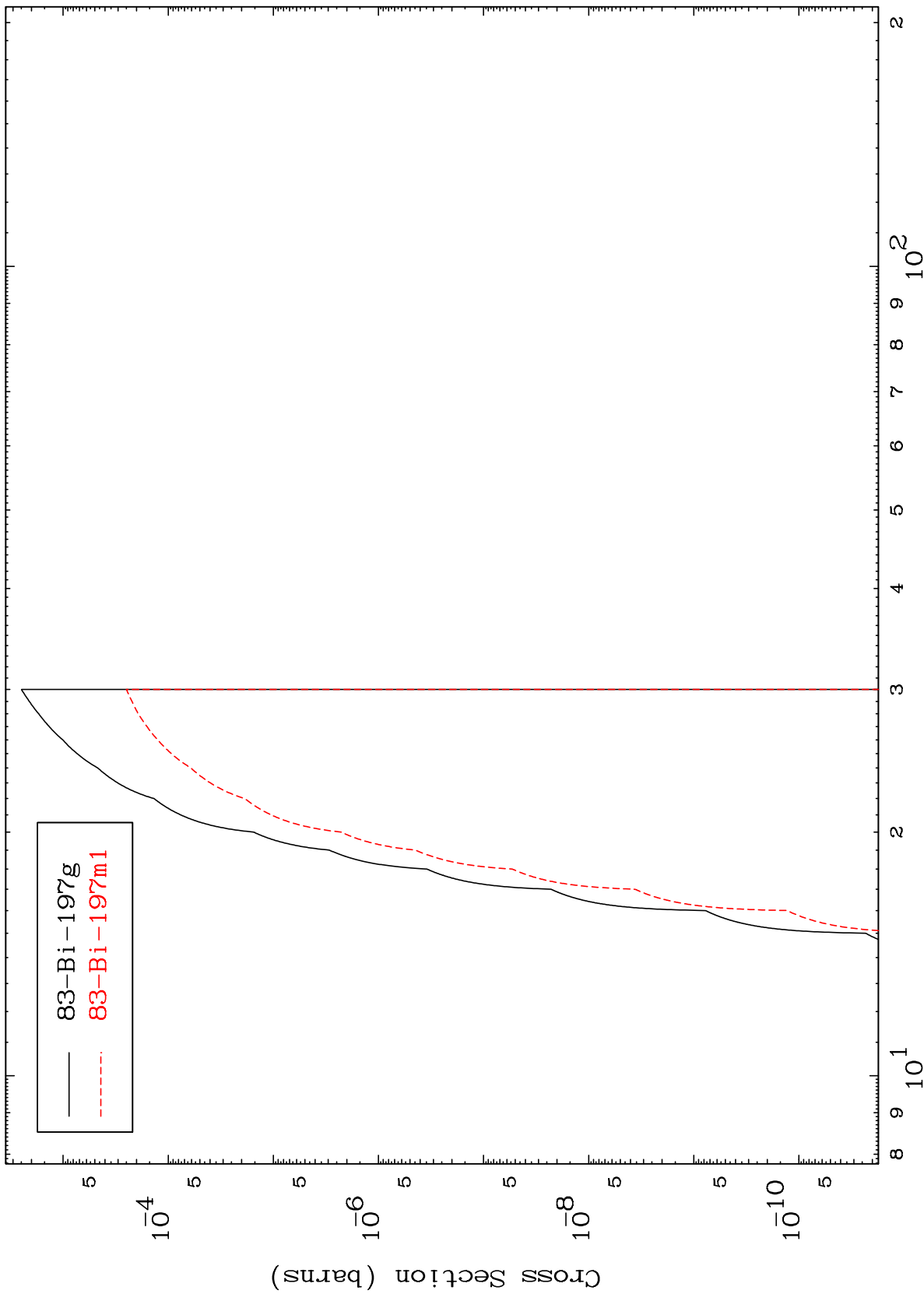
Incident Energy (MeV)

83-Bi-199

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83-Bi-199

(p, t)  
Radionuclide Production Cross Section



83-Bi-197g  
83-Bi-197m1

83-Bi-199

Incident Energy (MeV)

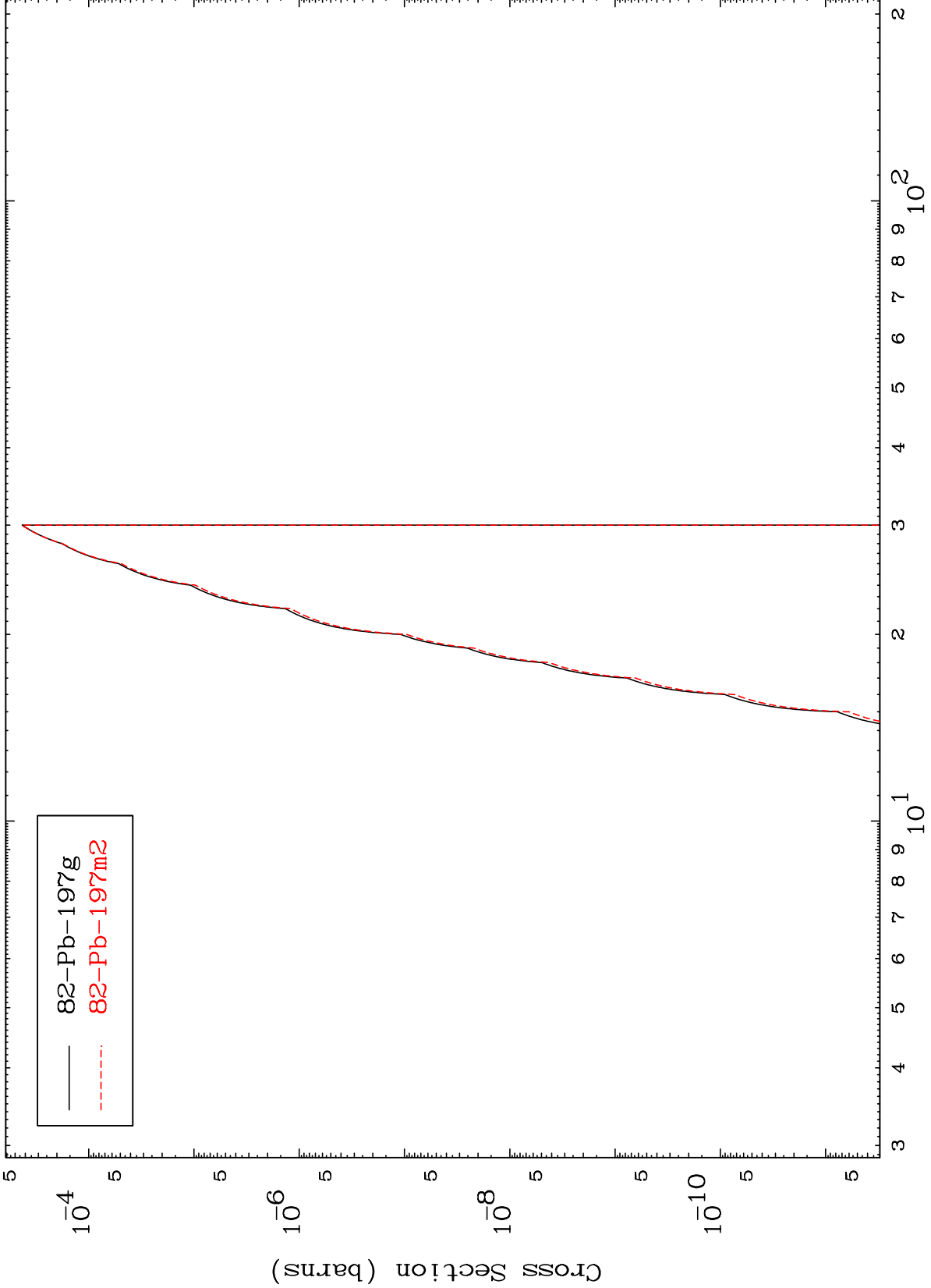
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(p,He-3)

83-Bi-199

Radionuclide Production Cross Section



— 82-Pb-197g  
- - - 82-Pb-197m2

Incident Energy (MeV)

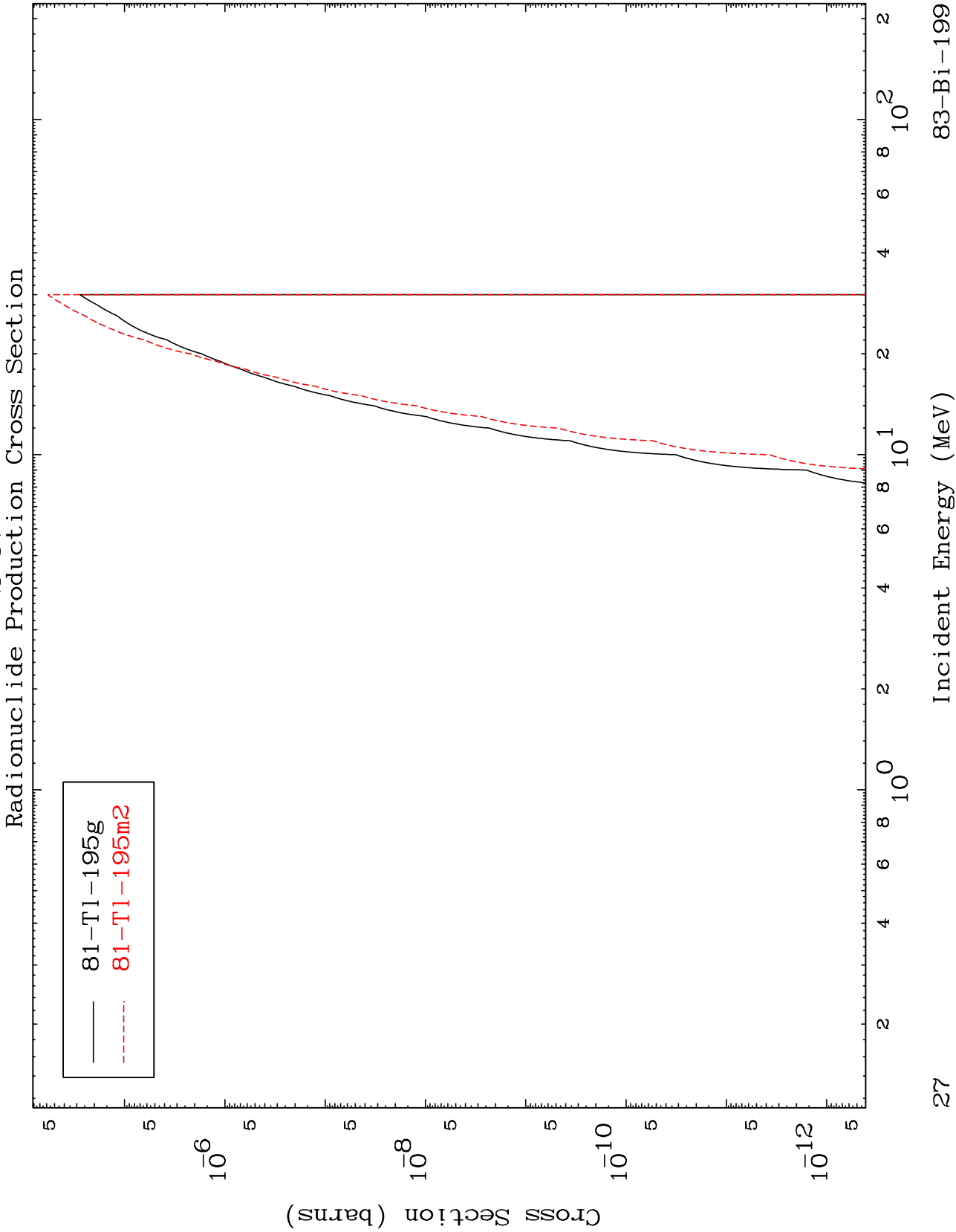
83-Bi-199

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(p,p)  $\alpha$

83-Bi-199

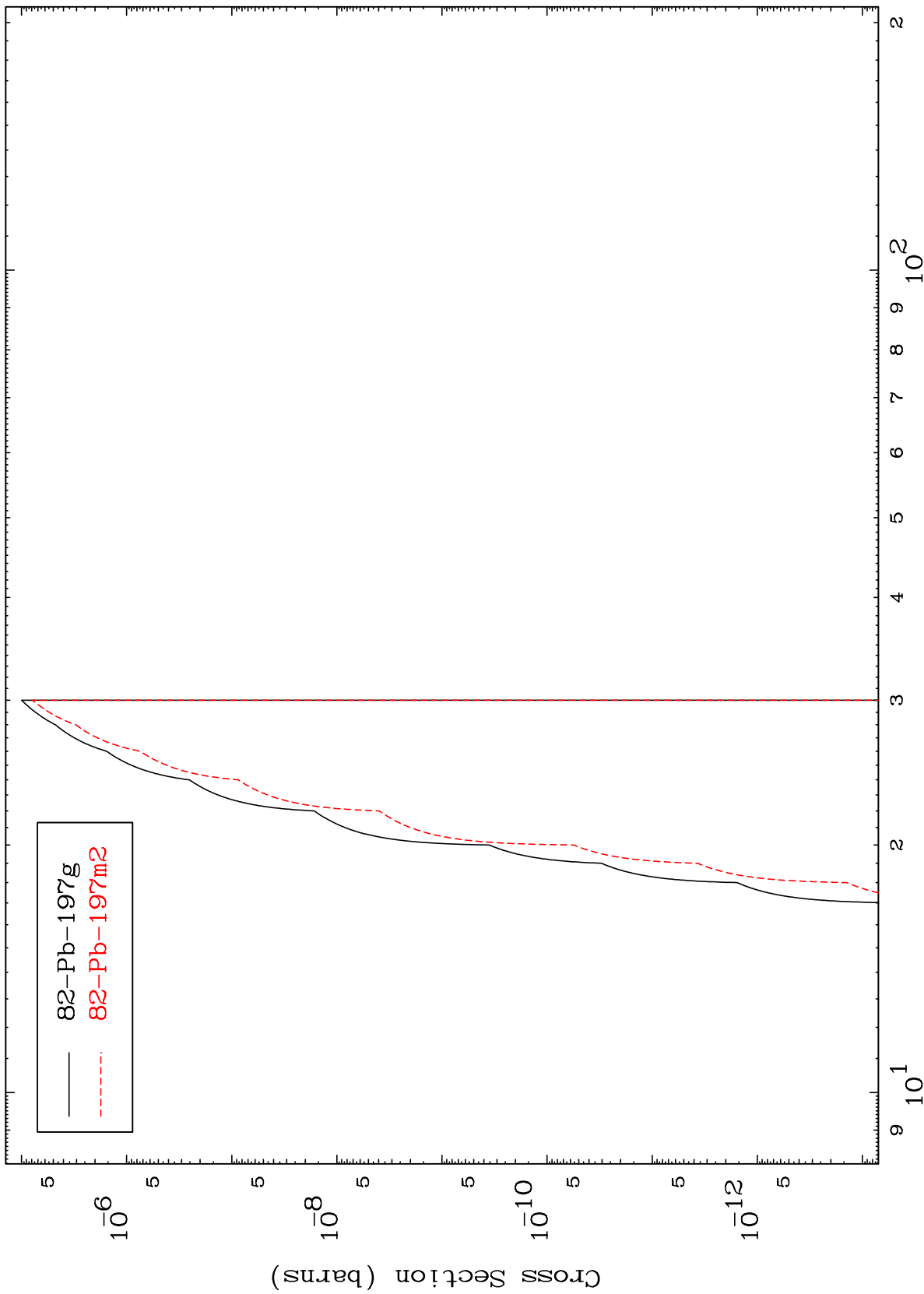


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(p,p) d

83-Bi-199

Radionuclide Production Cross Section



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Incident Energy (MeV)

83-Bi-199

Radionuclide Production Cross Section

