

Program EVALPLOT  
(Version 2021-1)

by

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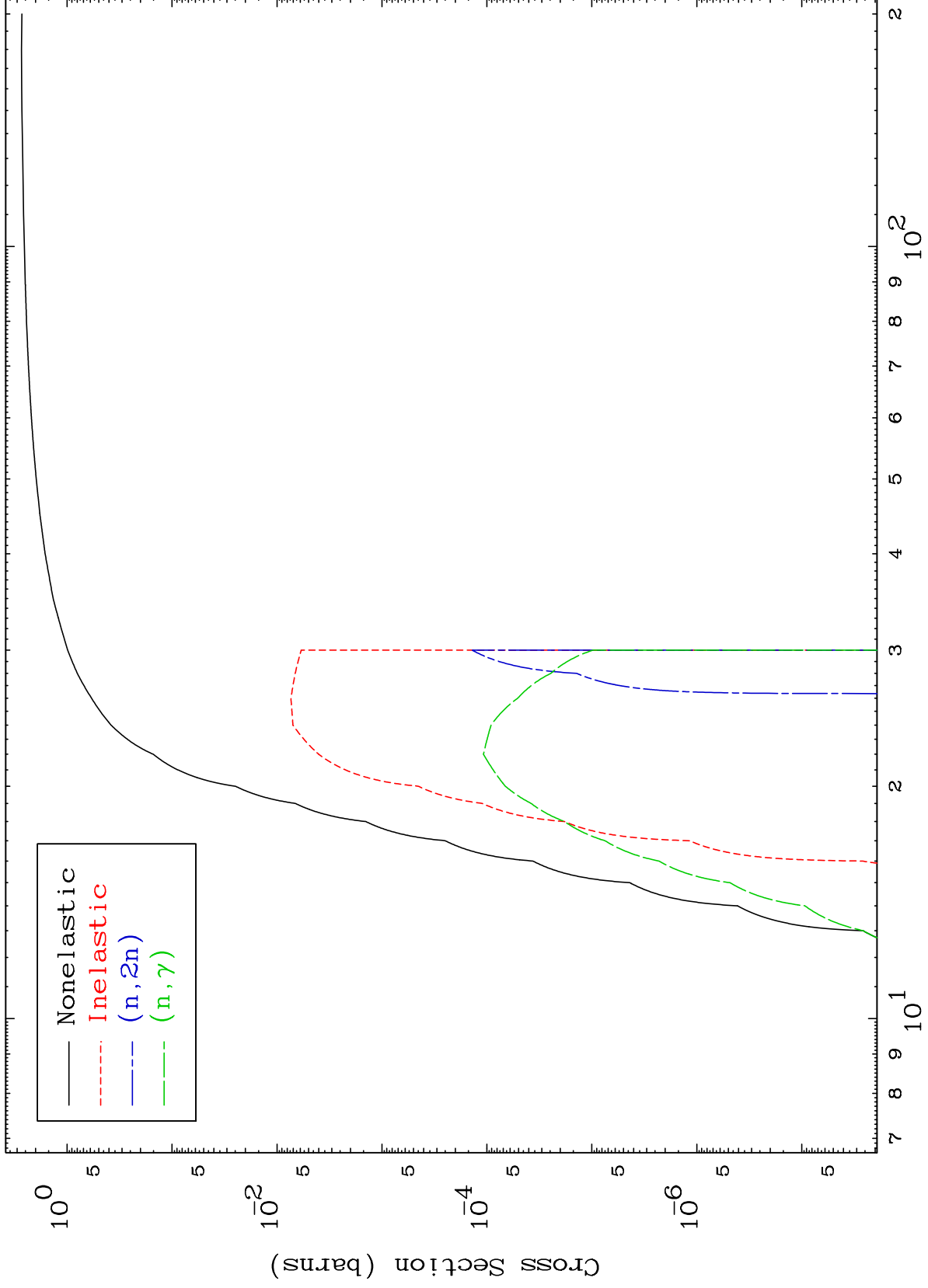
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8280

0 Kelvin Cross Sections

83-Bi-194



Incident Energy (MeV)

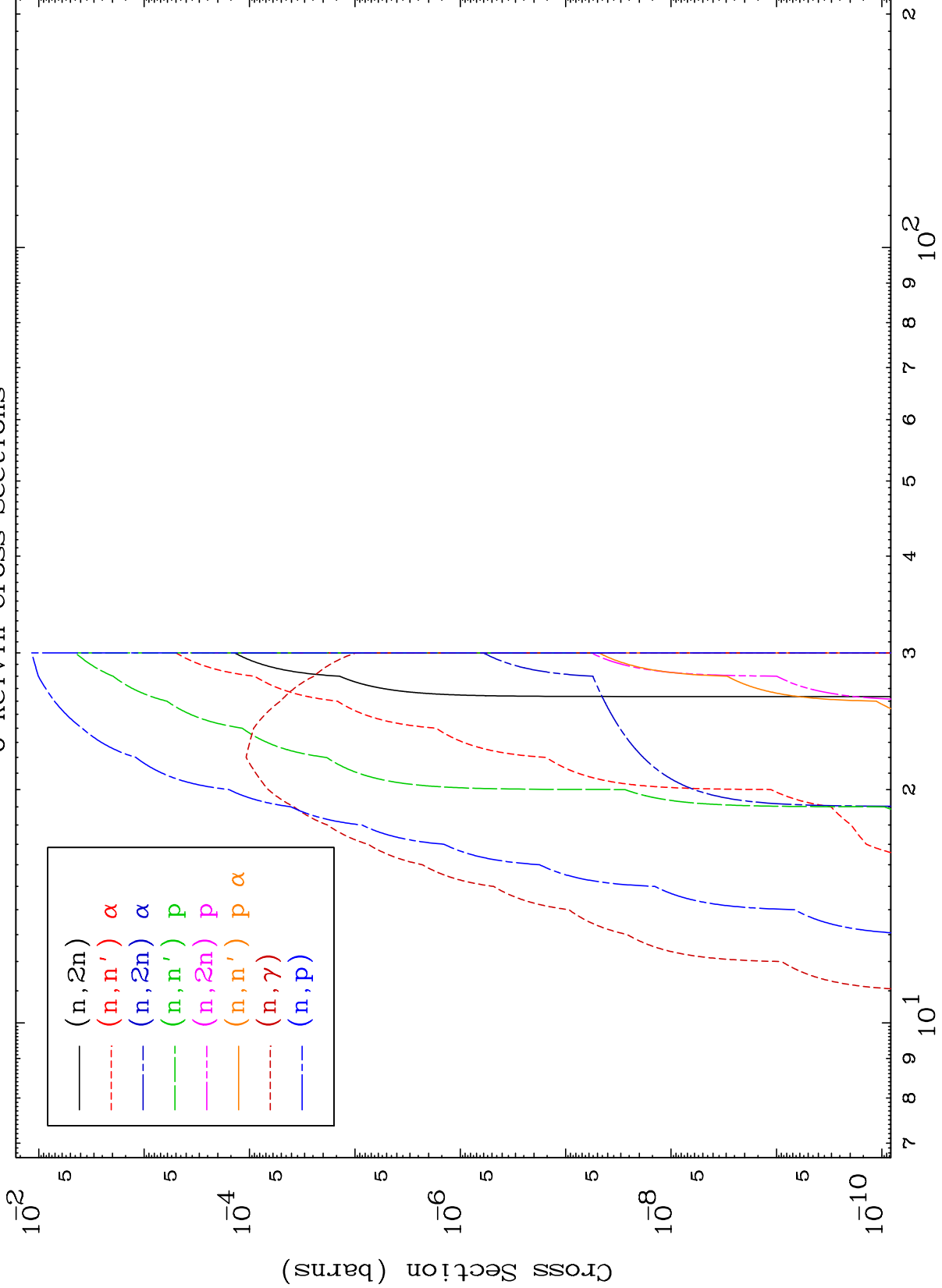
83-Bi-194

1

MAT 8280

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

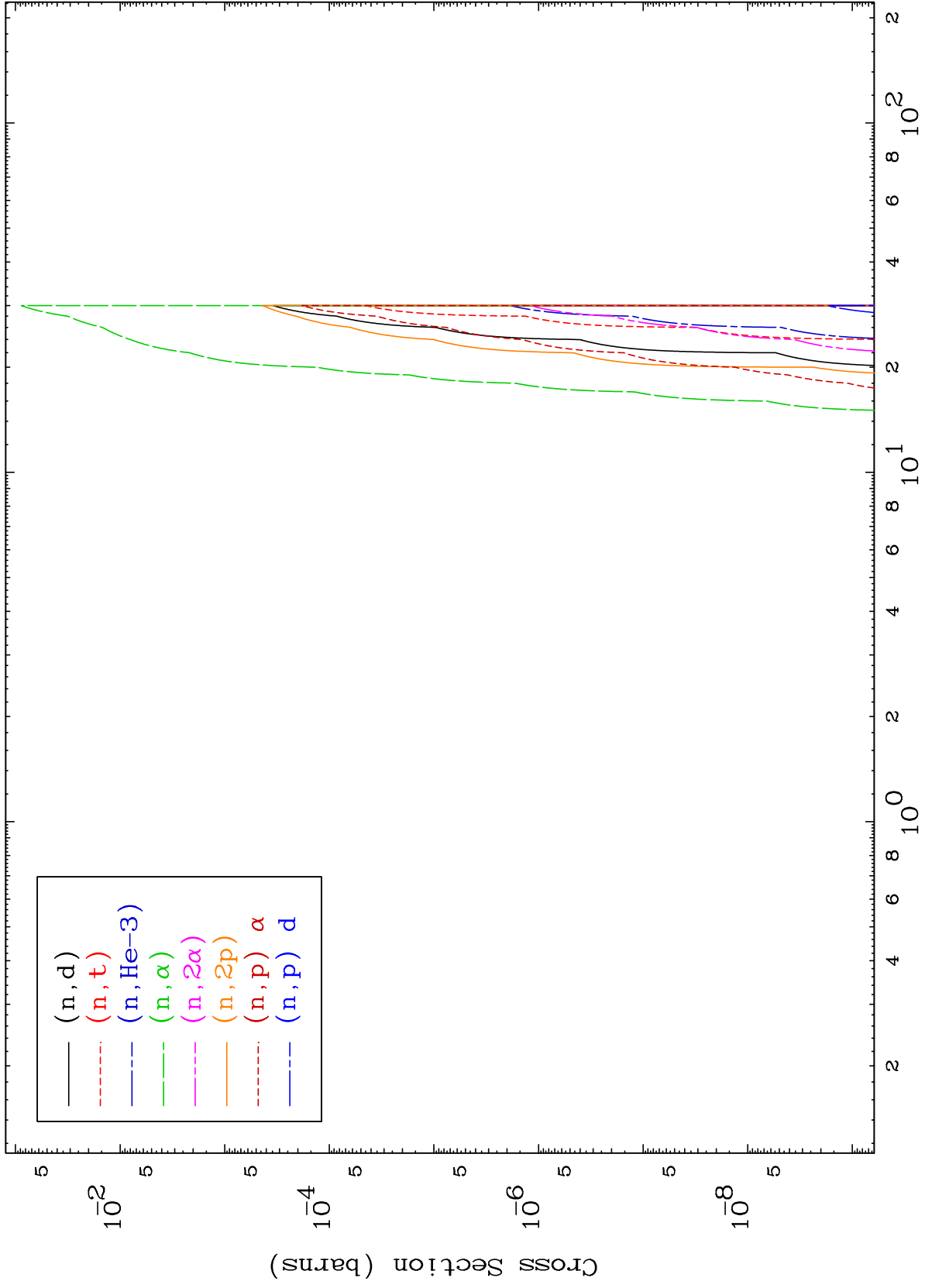
83-Bi-194

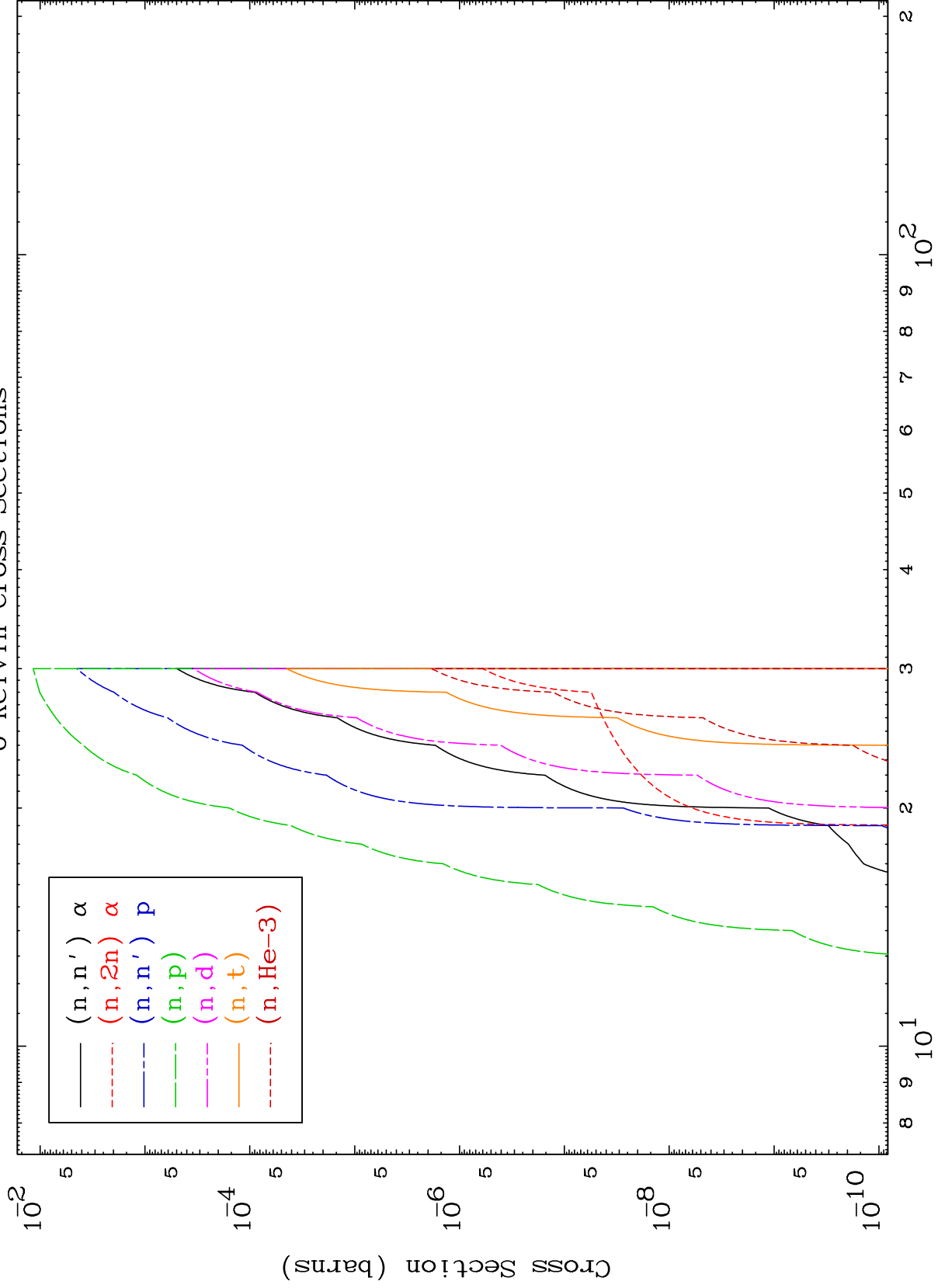


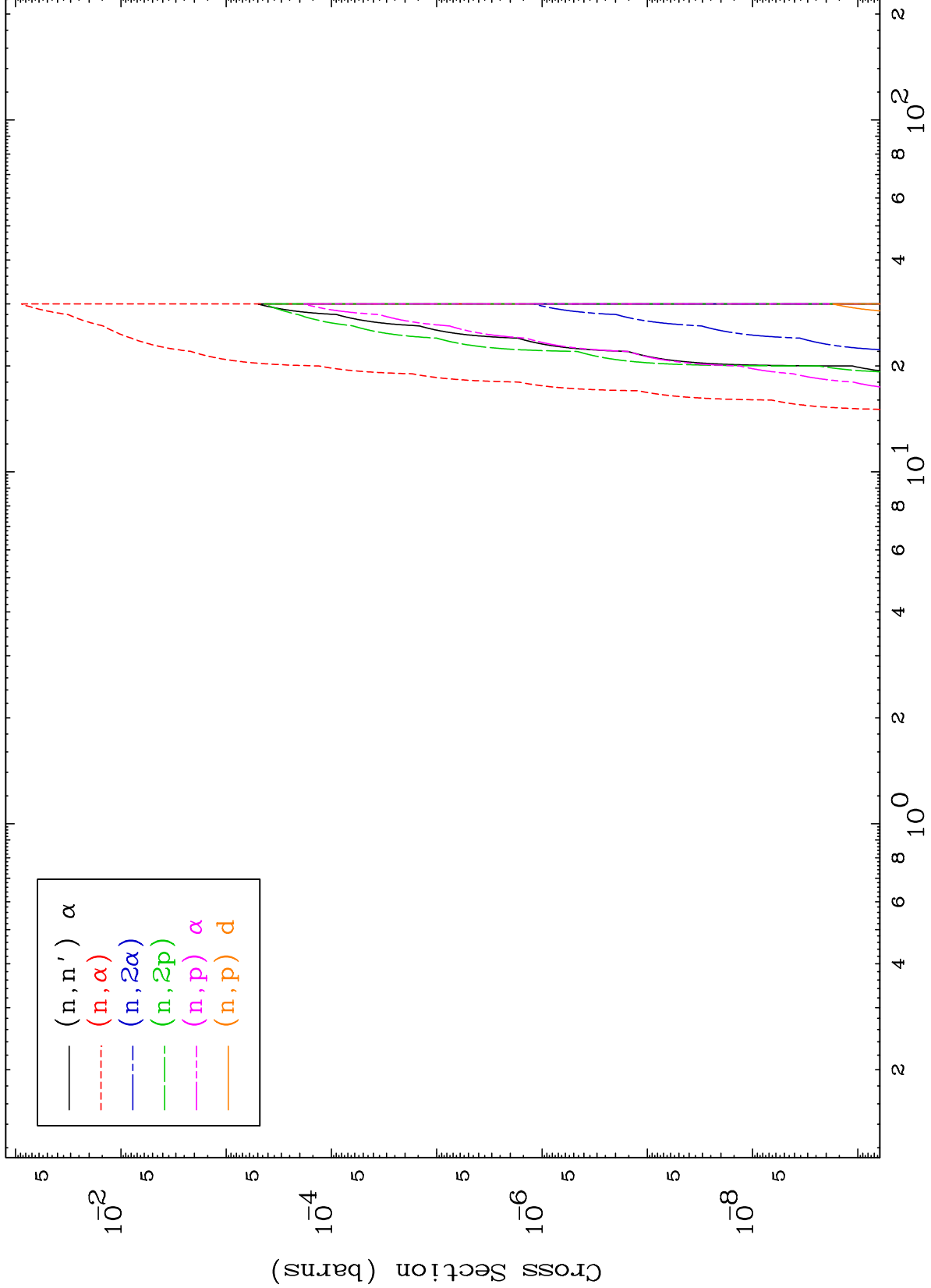
2

Incident Energy (MeV)

83-Bi-194



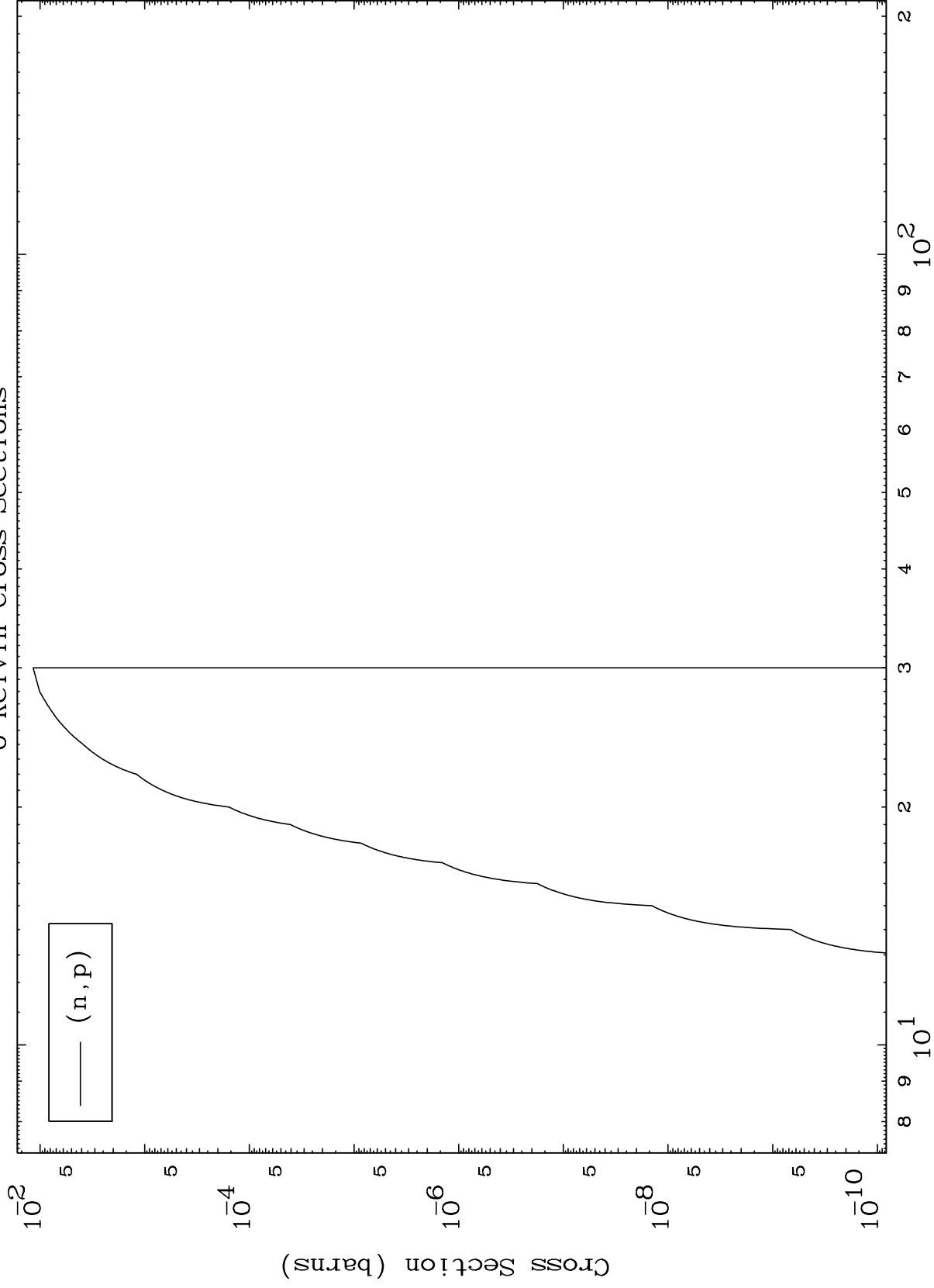




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( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

83-Bi-194



Incident Energy (MeV)

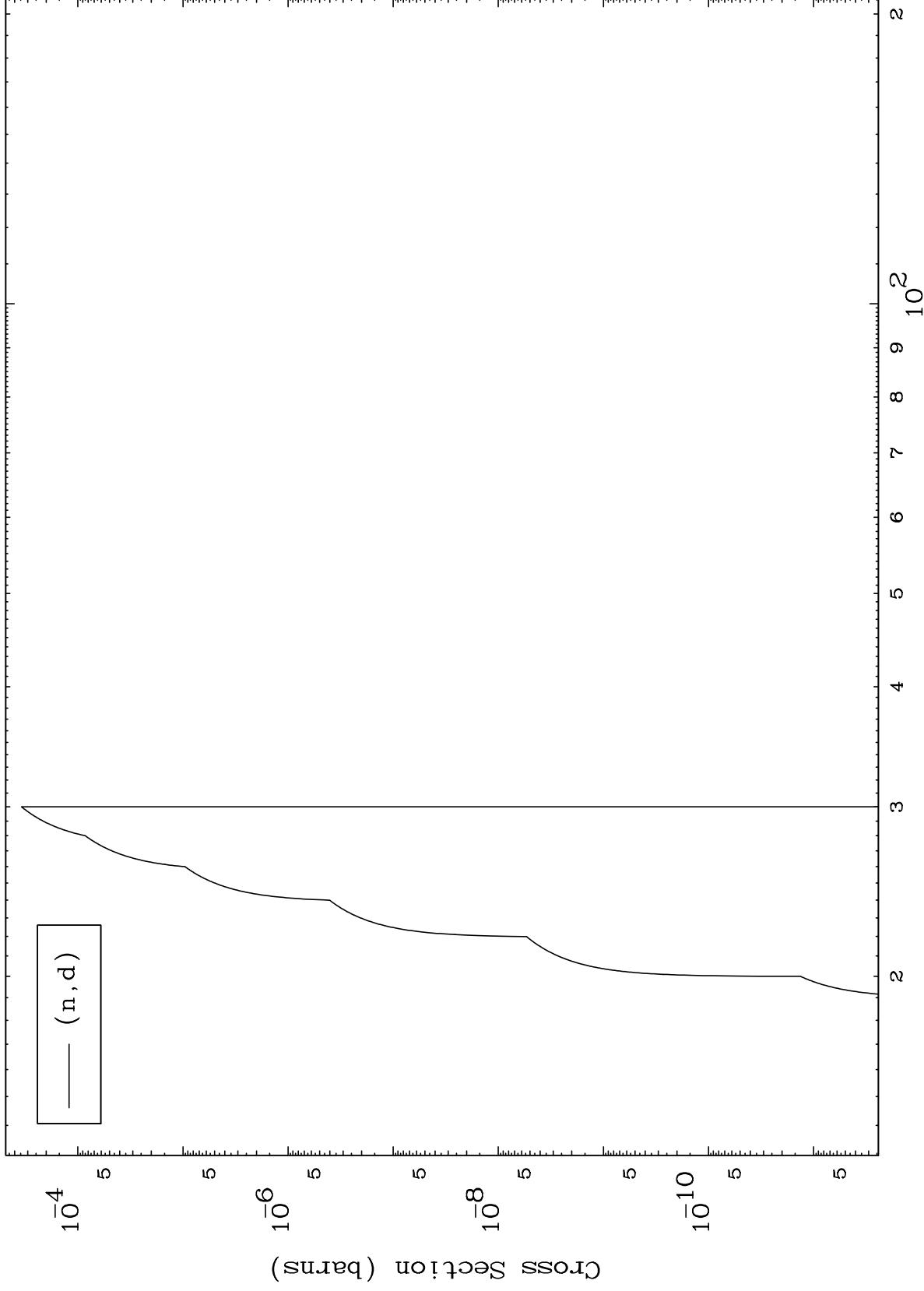
83-Bi-194

6

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( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

83-Bi-194

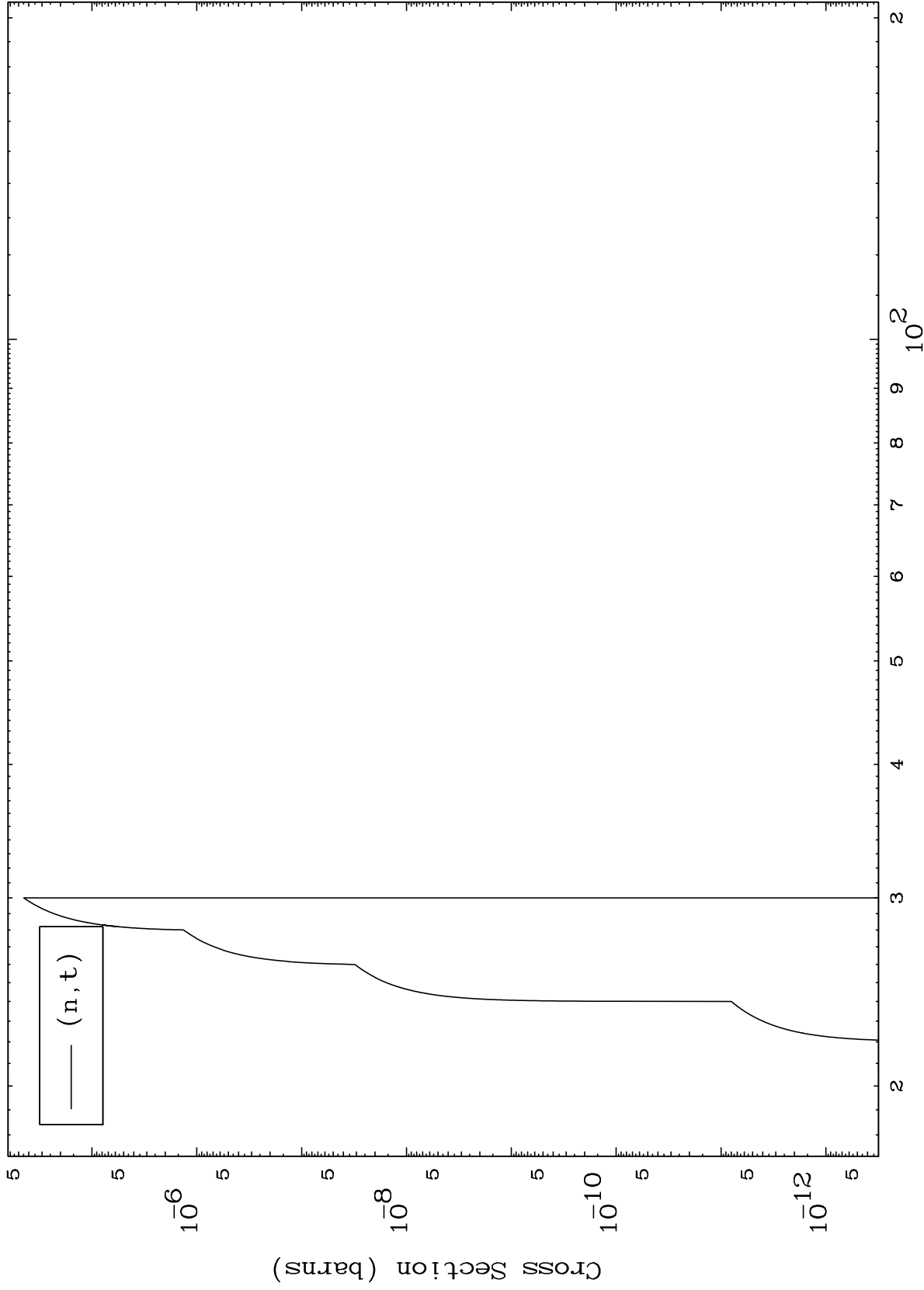


7

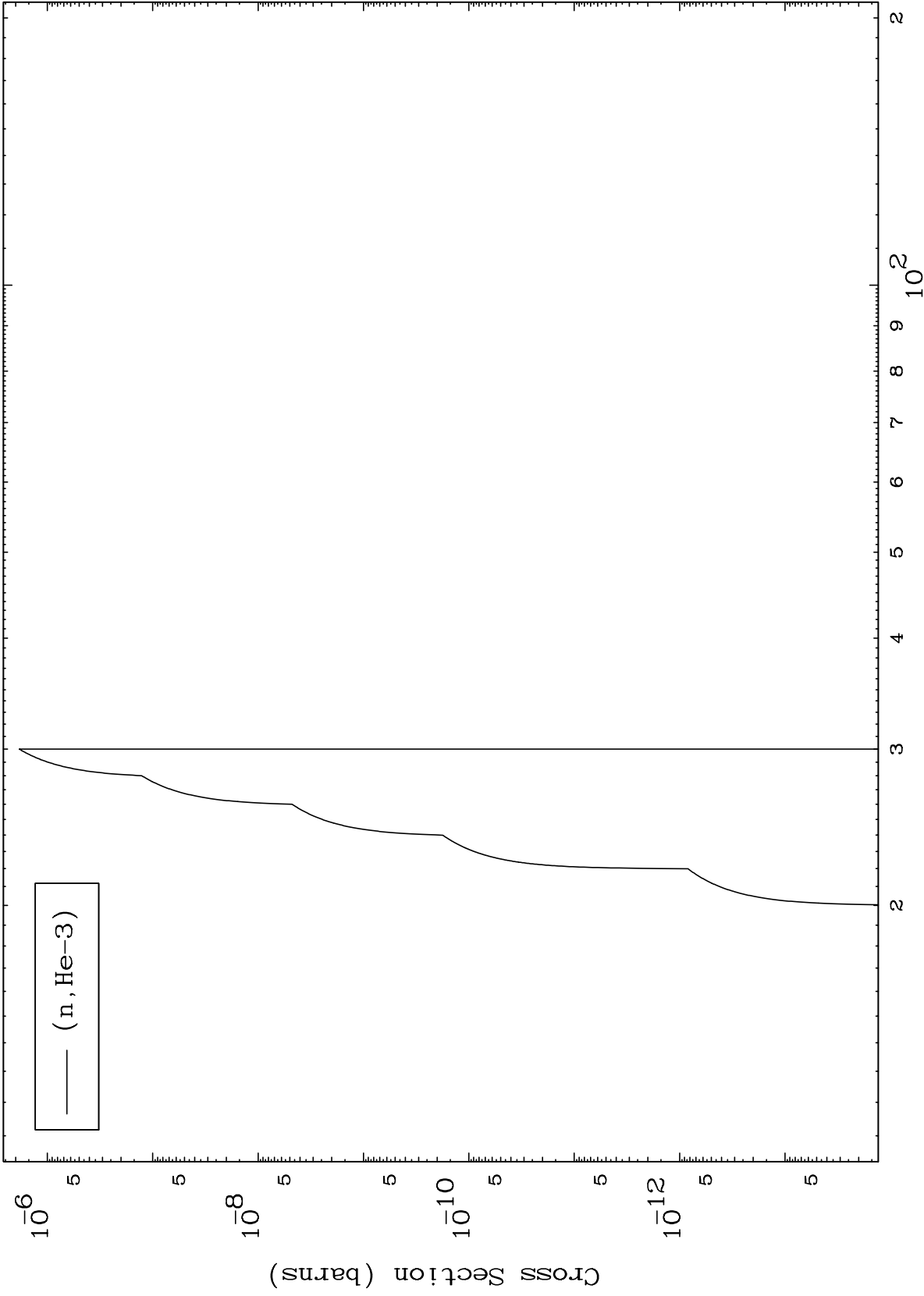
Incident Energy (MeV)

83-Bi-194





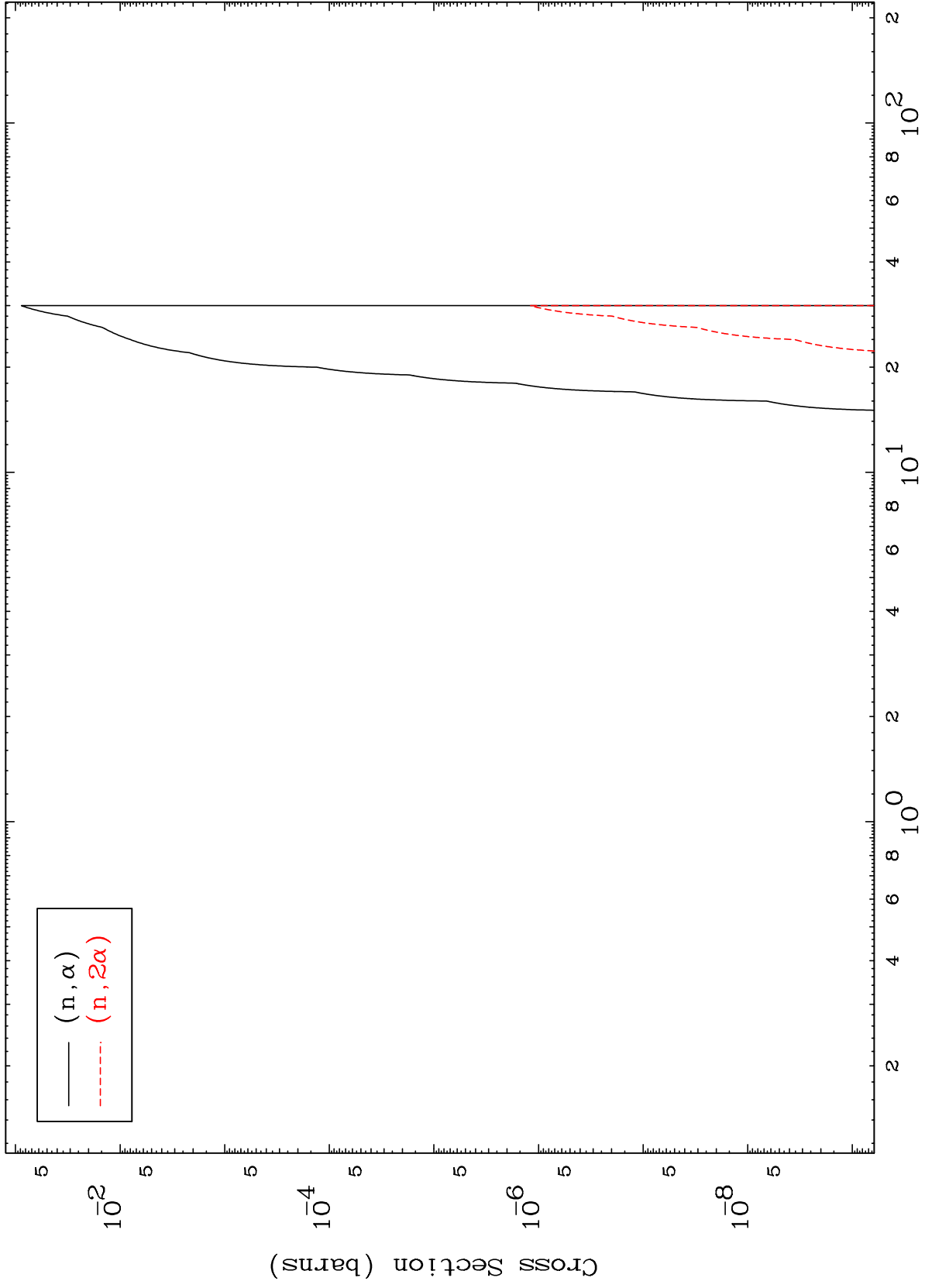
( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections



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$(\alpha, \alpha)$  Levels  
0 Kelvin Cross Sections

83-Bi-194

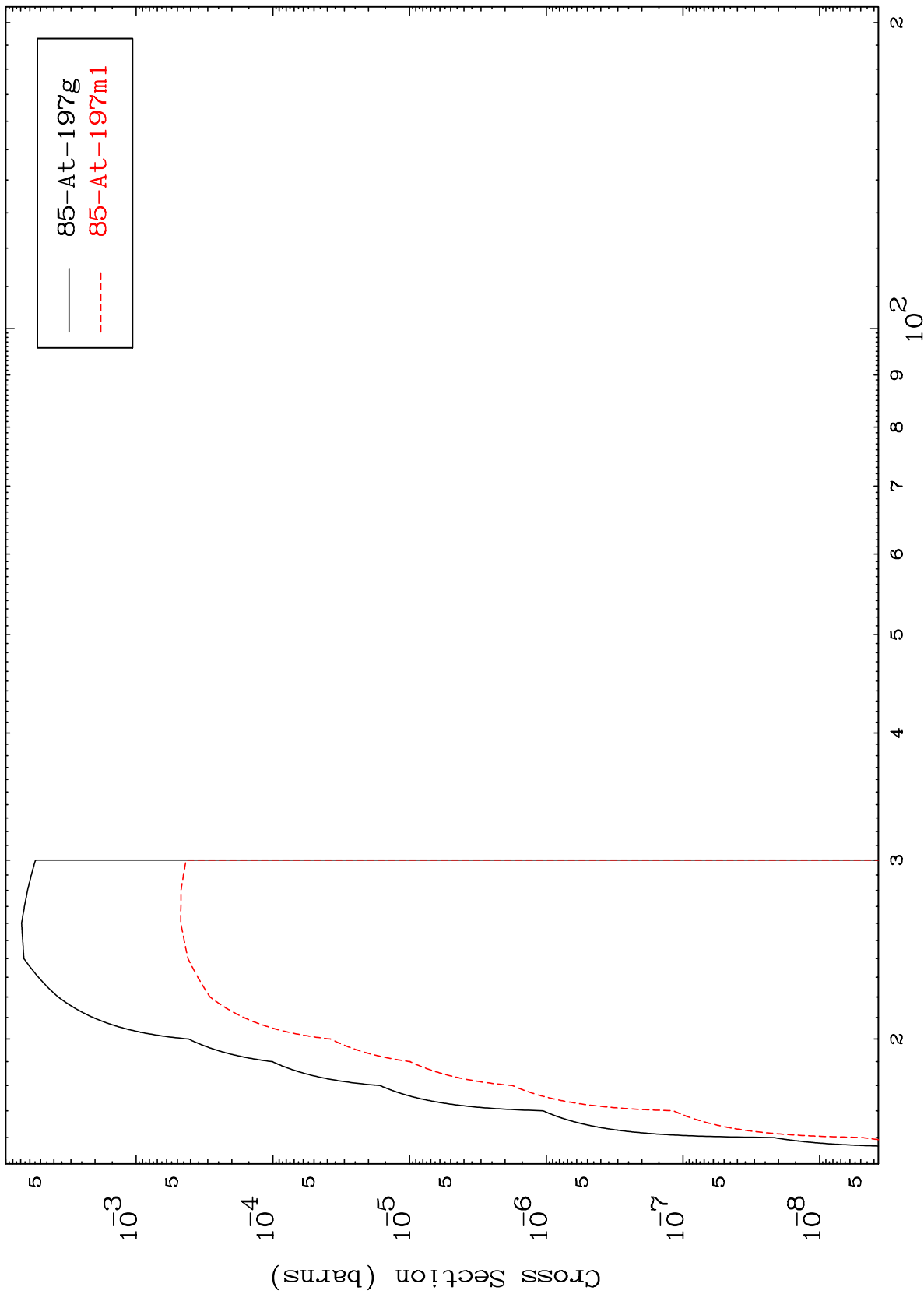


10

Incident Energy (MeV)

83-Bi-194

Inelastic  
Radionuclide Production Cross Section

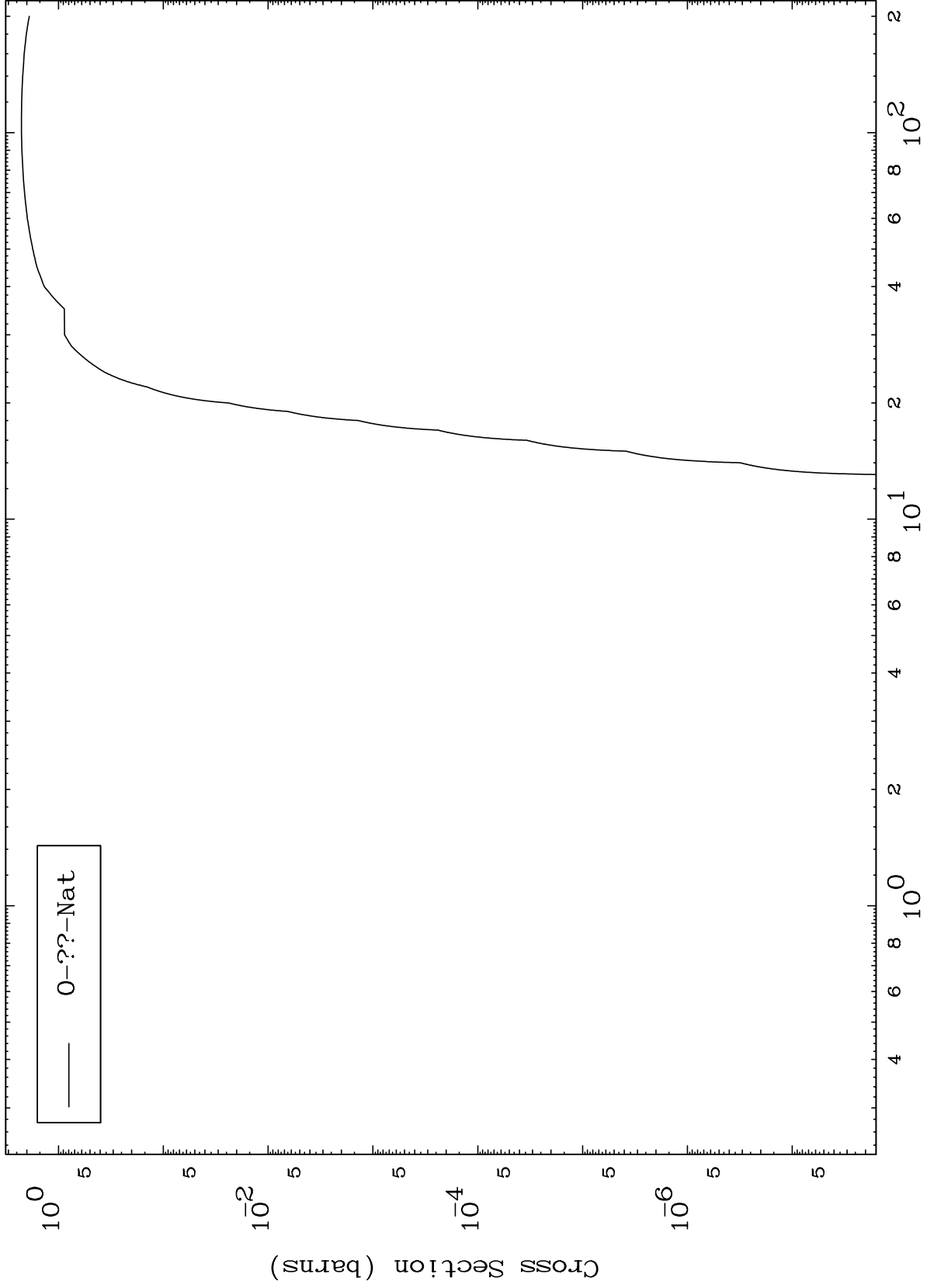


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Fission

83-Bi-194

Radionuclide Production Cross Section



12

Incident Energy (MeV)

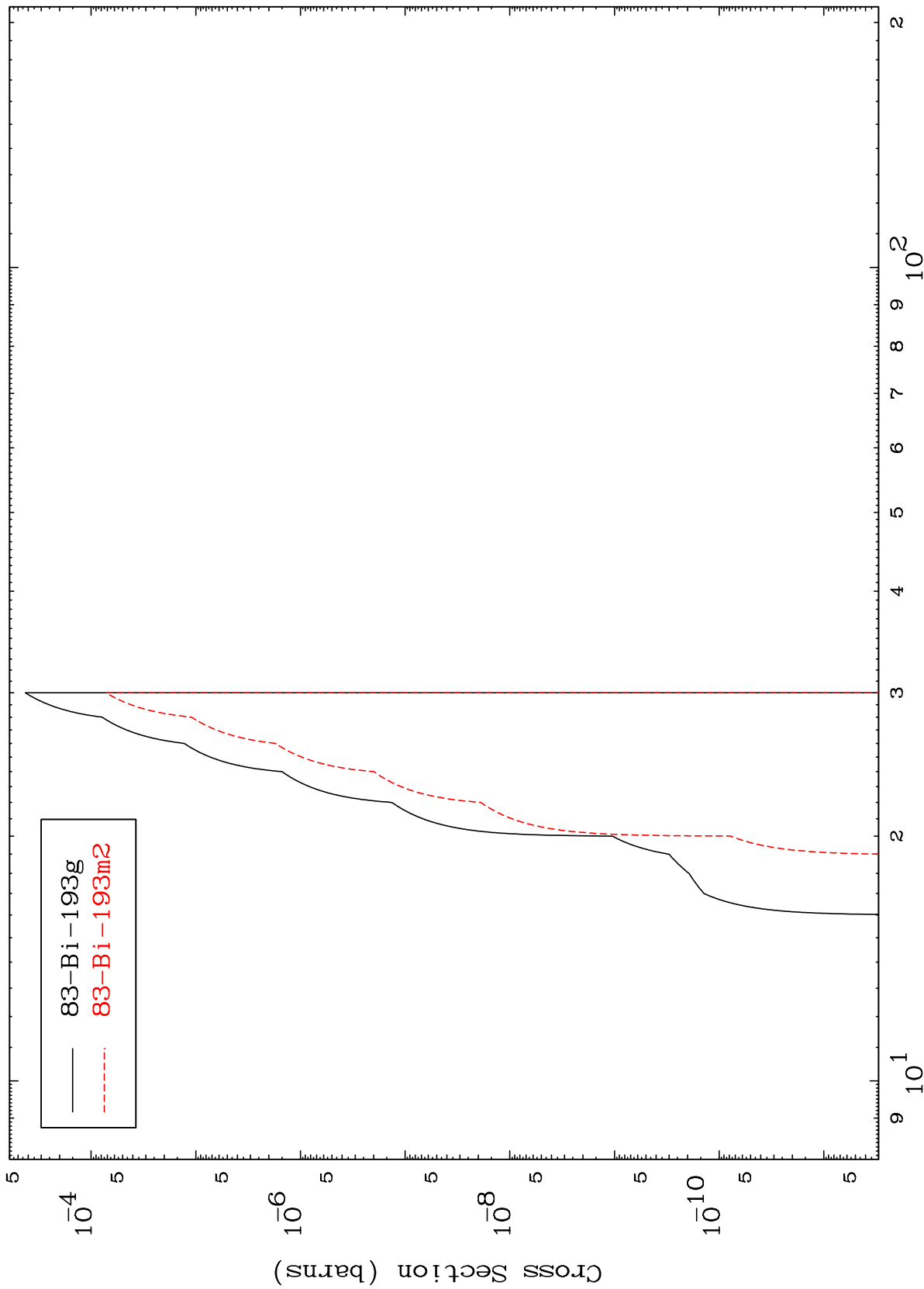
83-Bi-194

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$(n, n') \alpha$

83-Bi-194

Radionuclide Production Cross Section



13

Incident Energy (MeV)

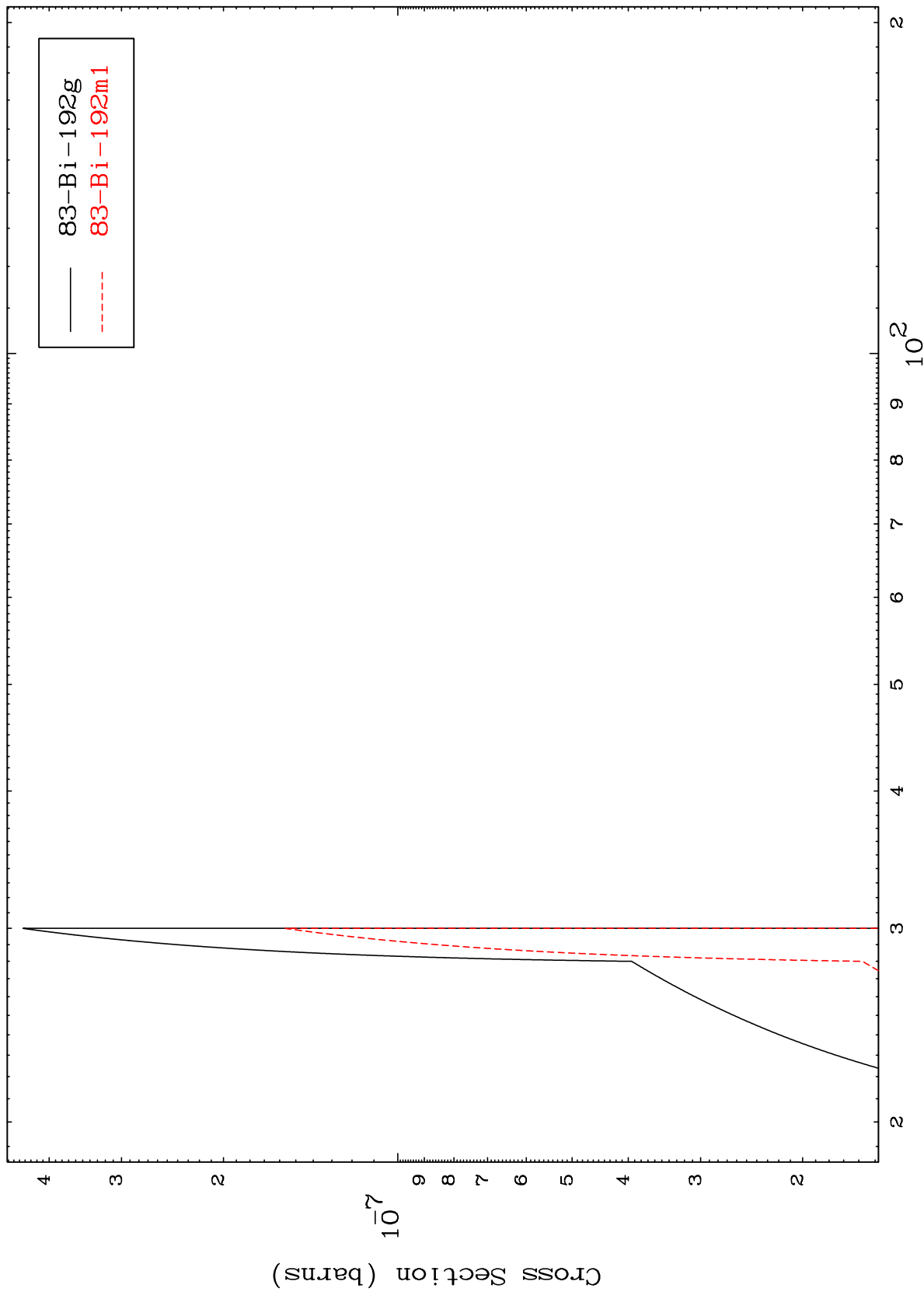
83-Bi-194

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$^{83}\text{Bi}-194$

$(n,2n) \alpha$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

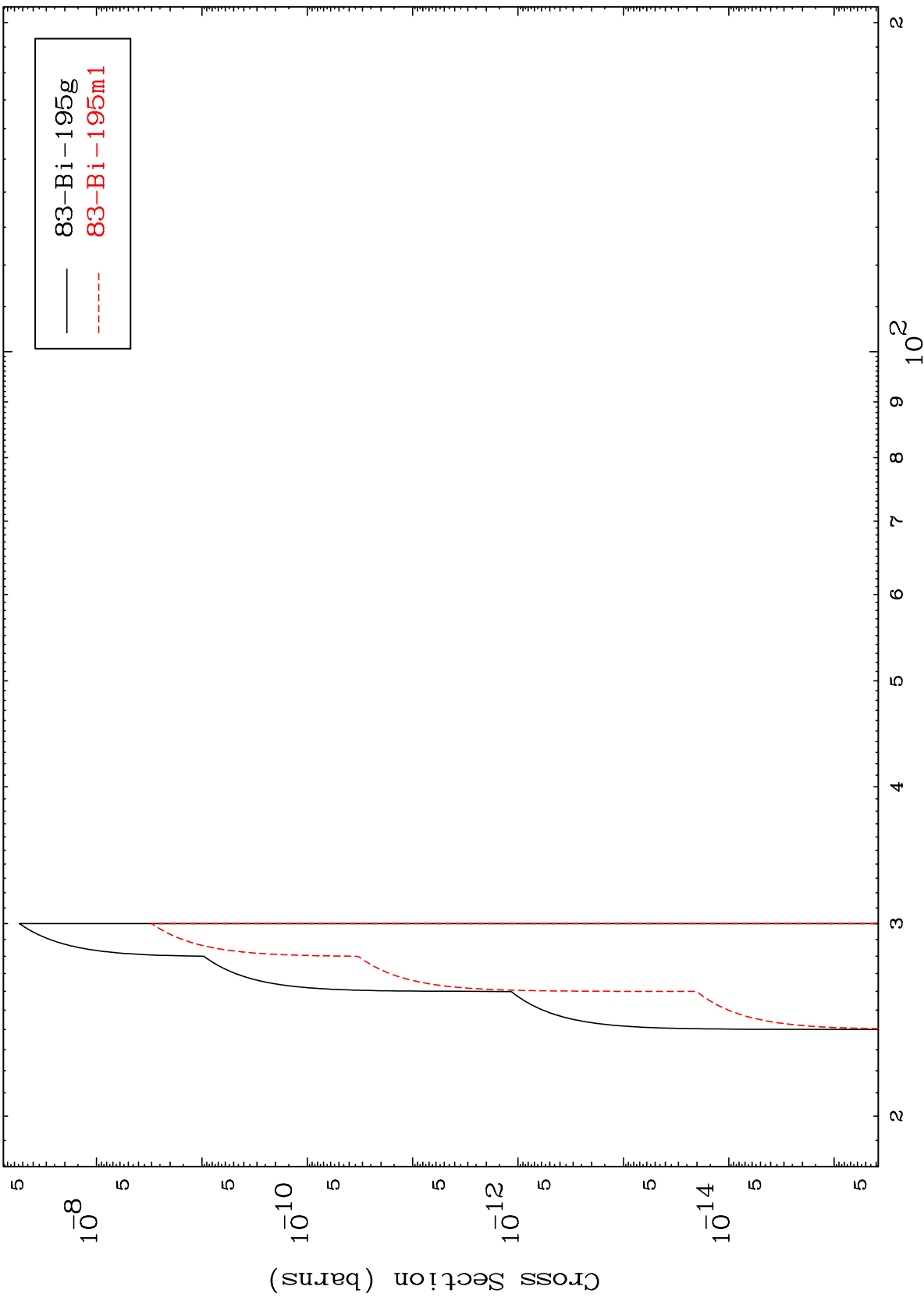
$^{83}\text{Bi}-194$

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$(n,2n)$  p

$^{83}\text{Bi}-194$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

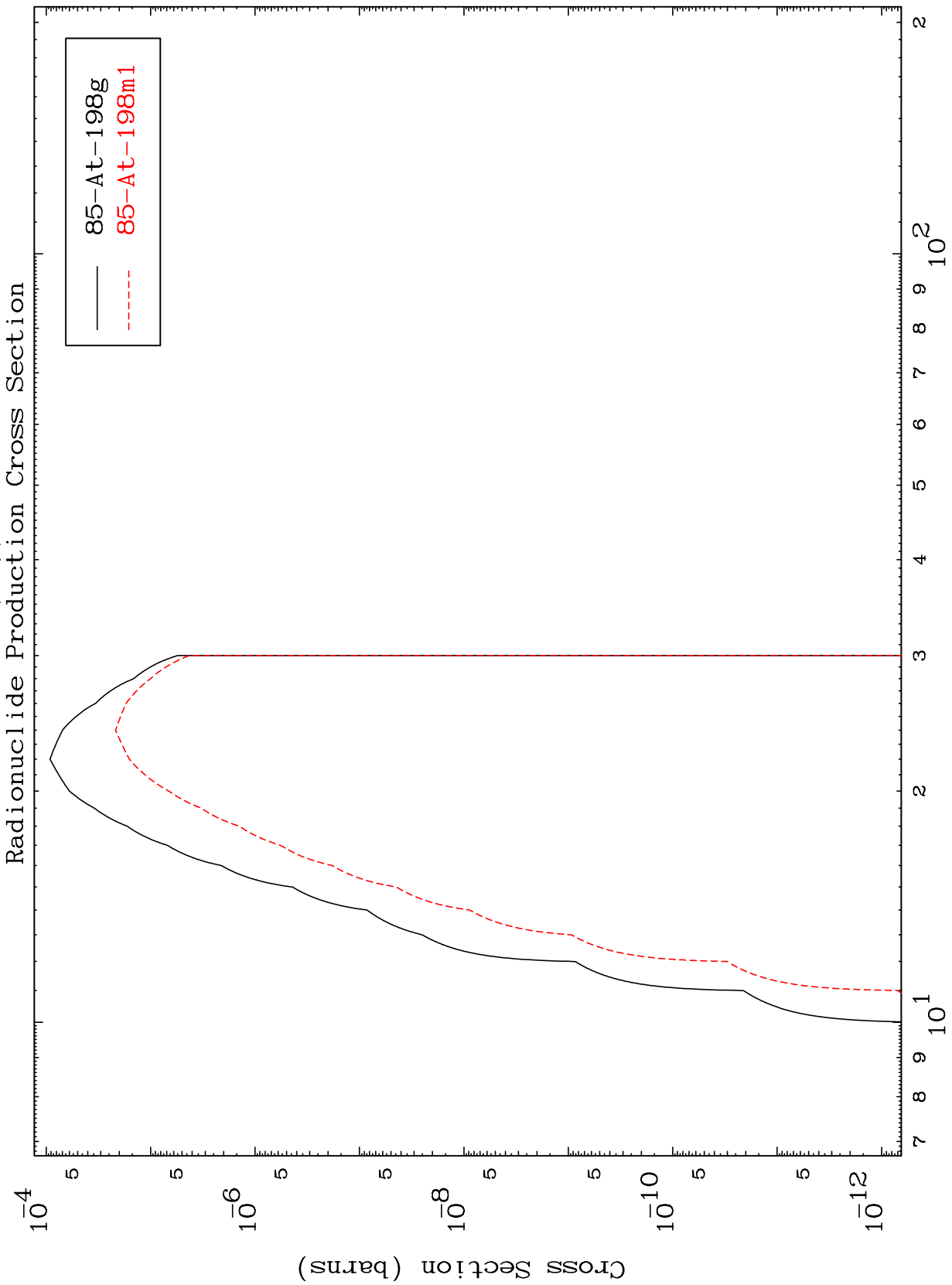
$^{83}\text{Bi}-194$



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83-Bi-194

(n,γ)  
Radionuclide Production Cross Section



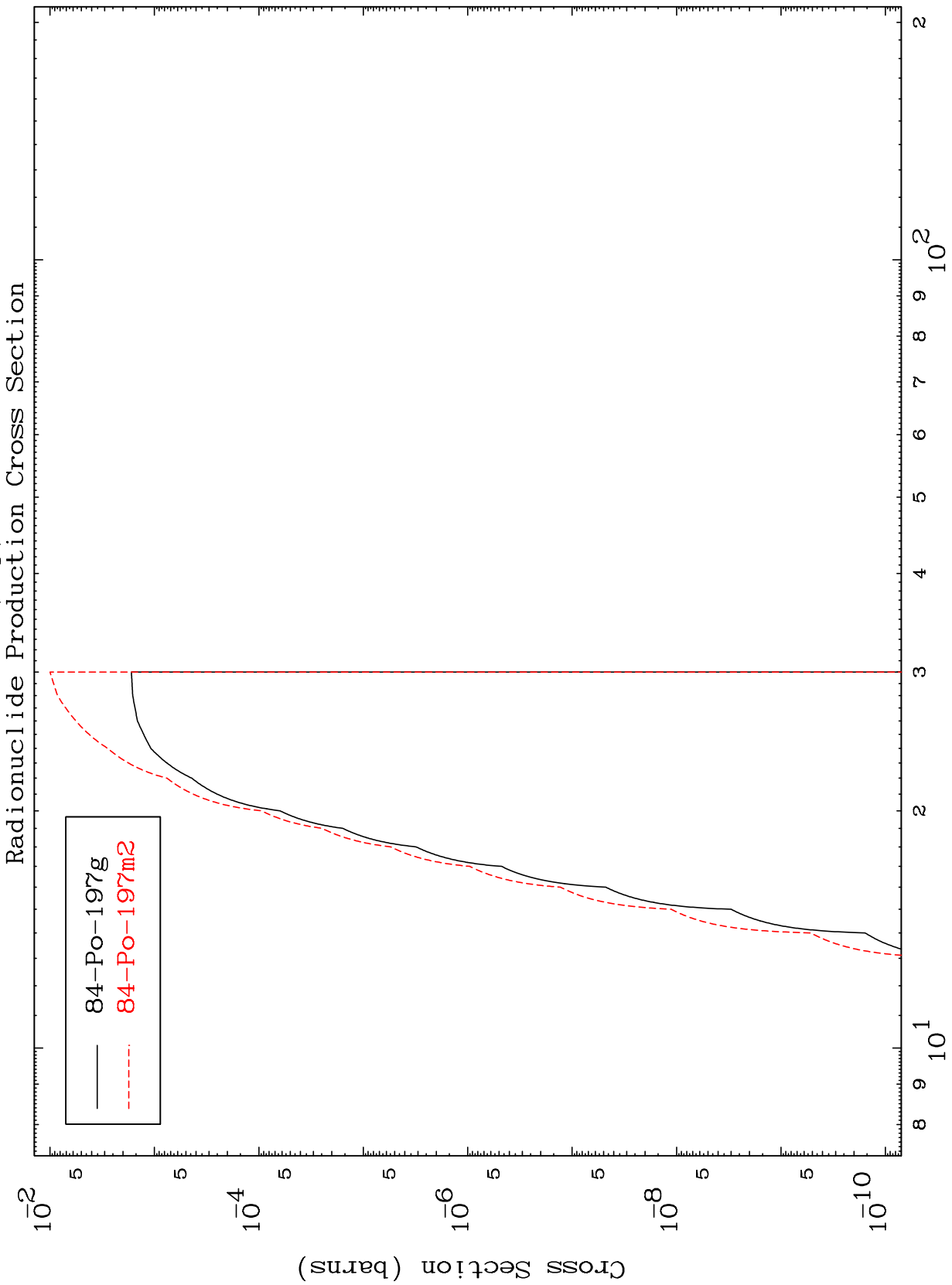
16

Incident Energy (MeV)

83-Bi-194

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83-Bi-194

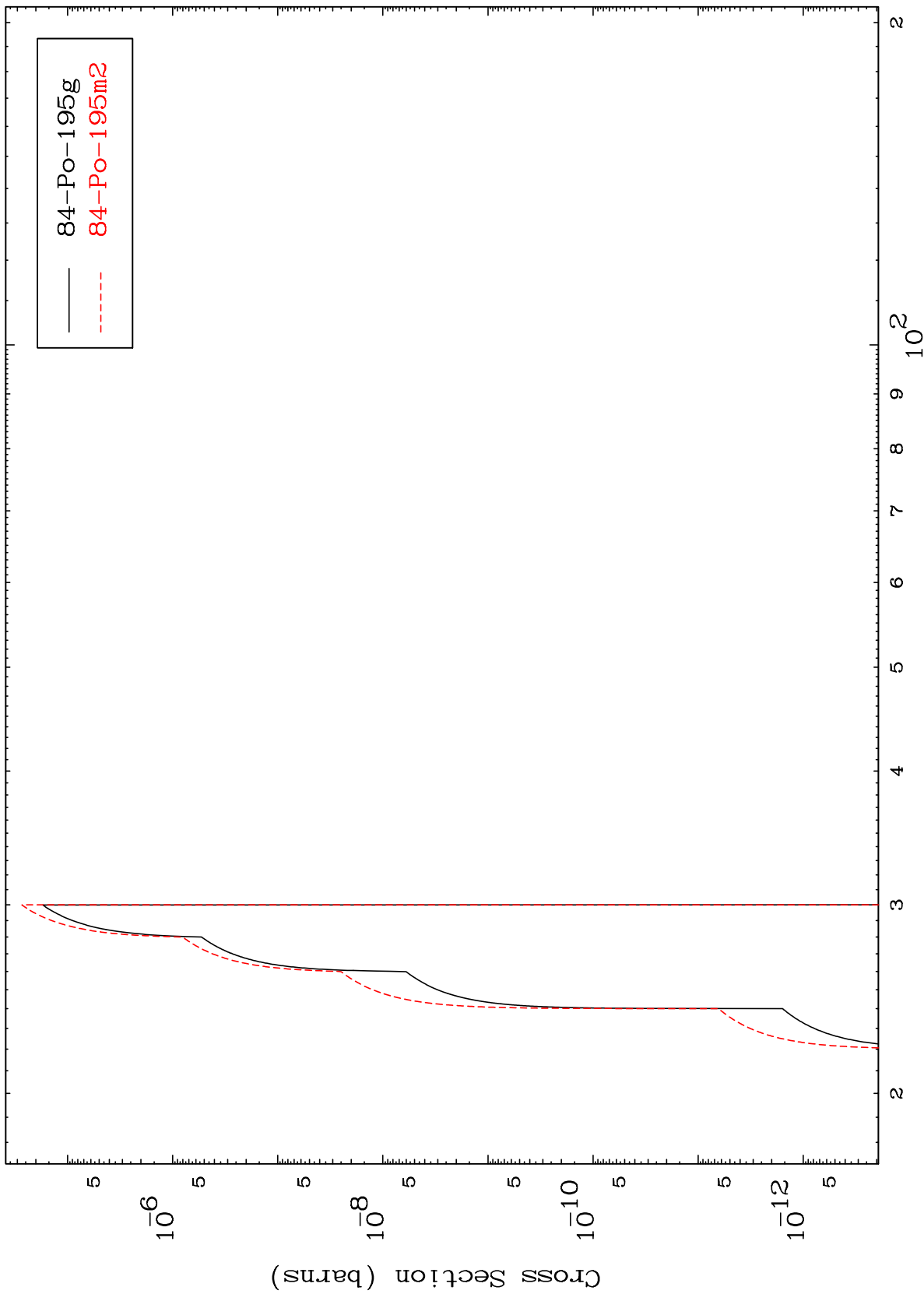


17

Incident Energy (MeV)

83-Bi-194

(n,t)  
Radionuclide Production Cross Section

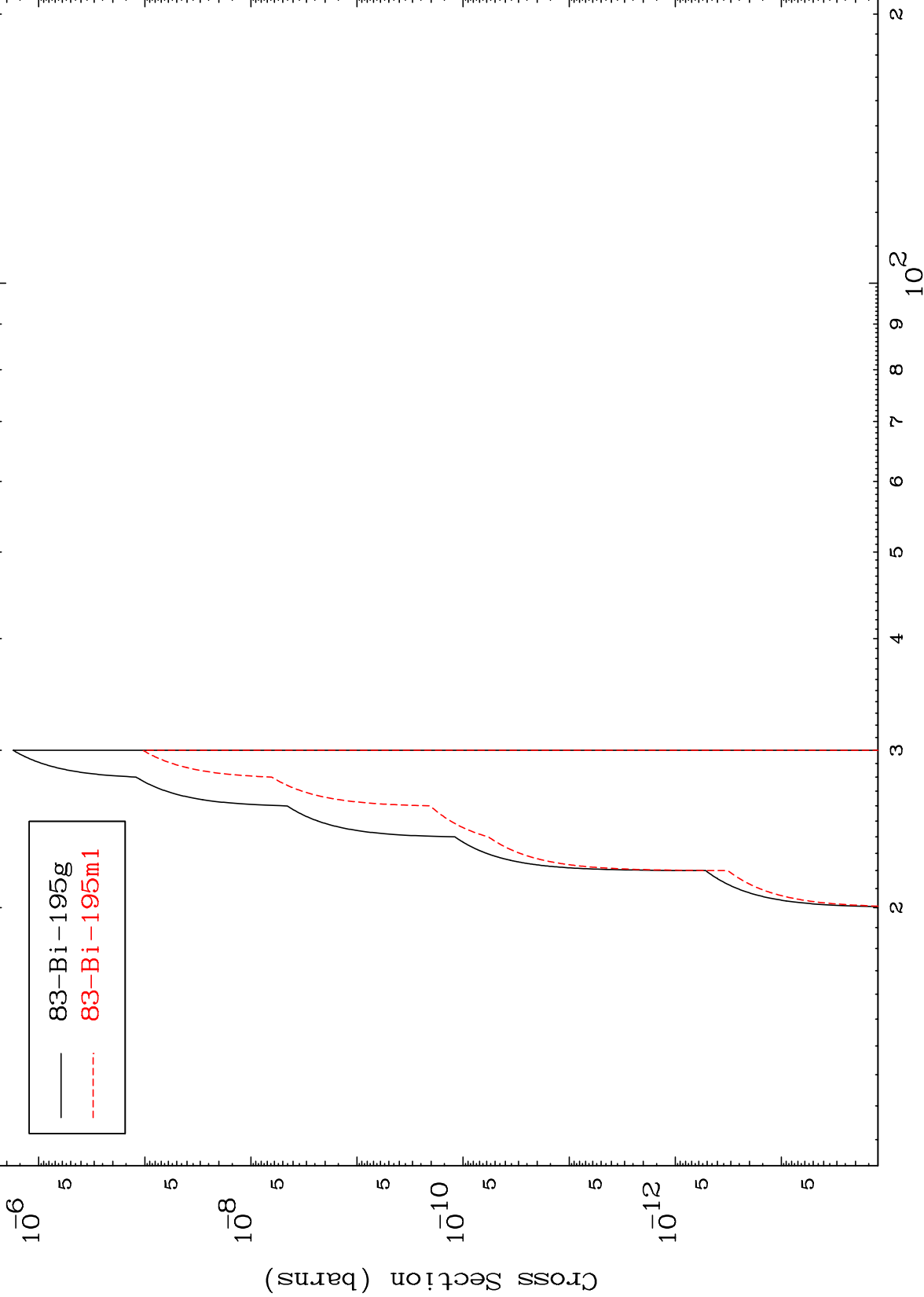


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(n,He-3)

83-Bi-194

Radionuclide Production Cross Section

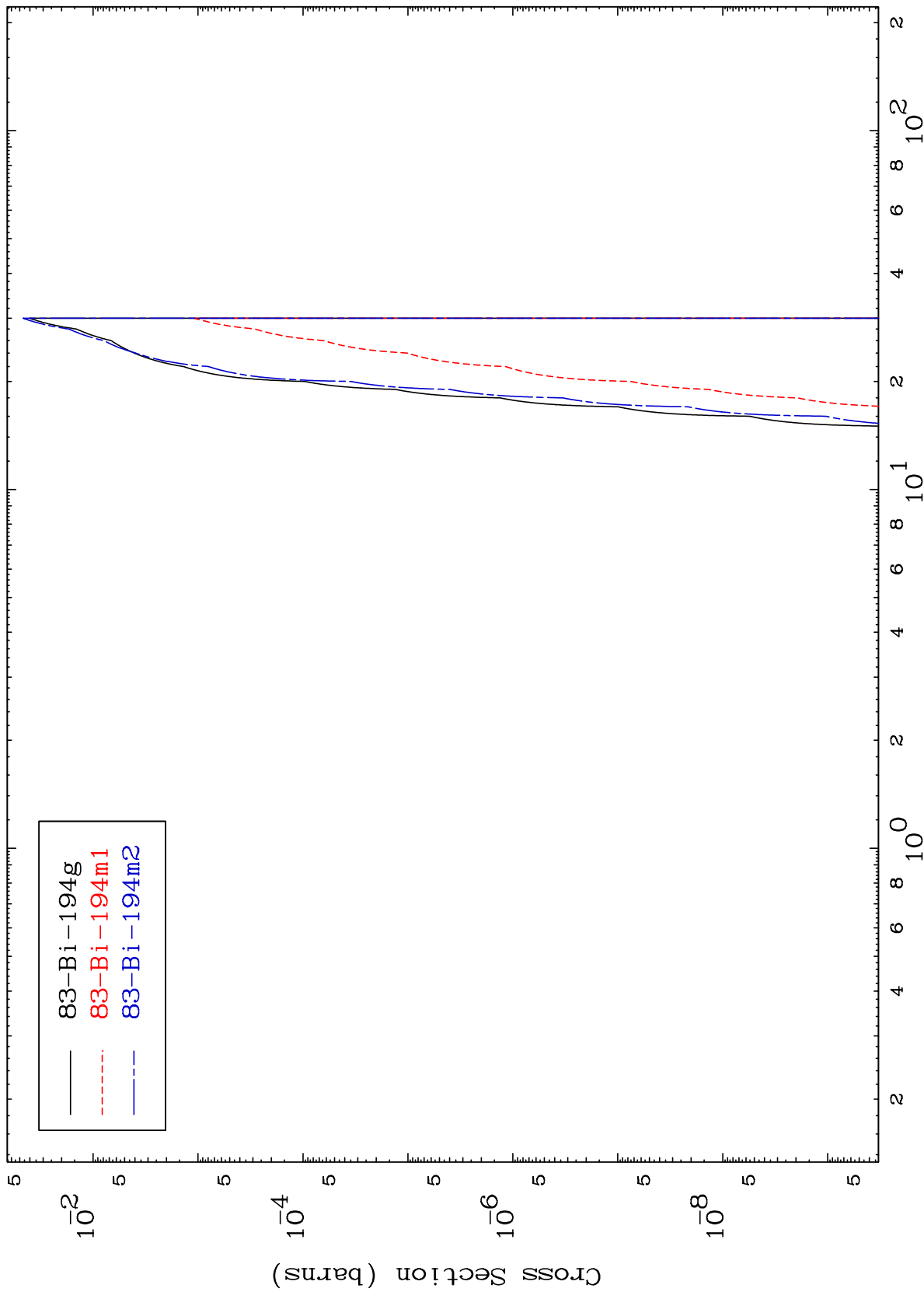


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83-Bi-194

(n,  $\alpha$ )

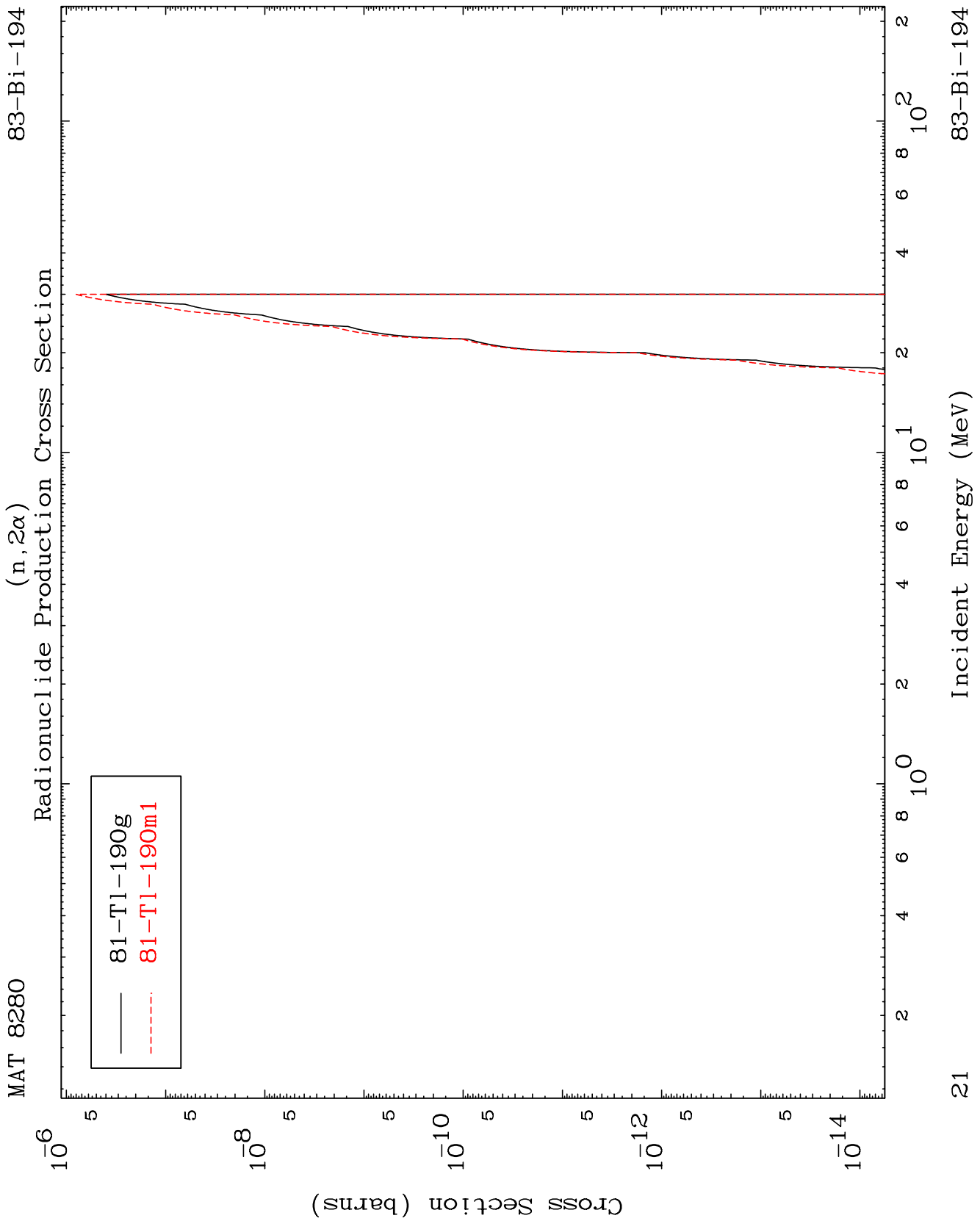
Radionuclide Production Cross Section



83-Bi-194

Incident Energy (MeV)

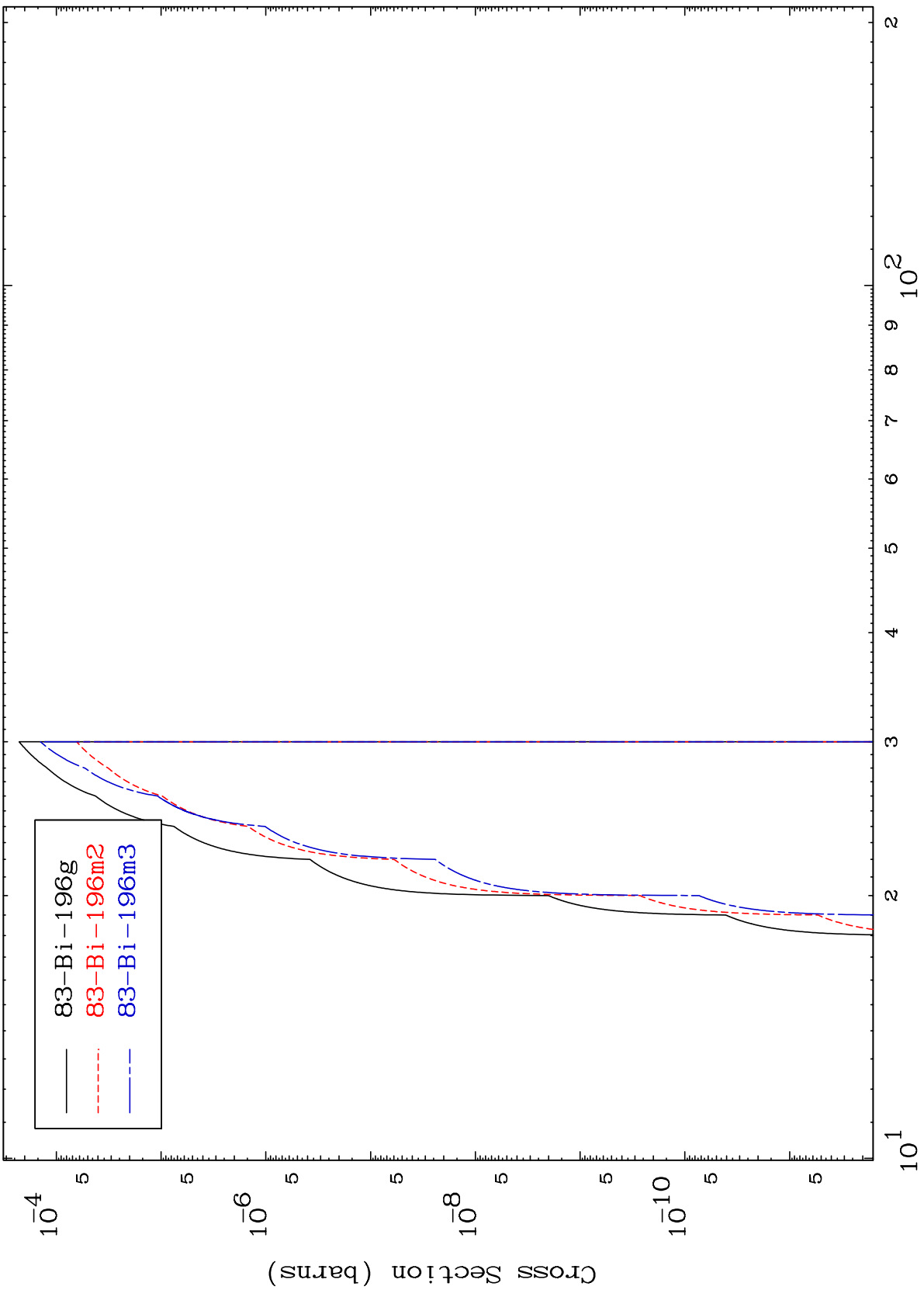
20



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83-Bi-194

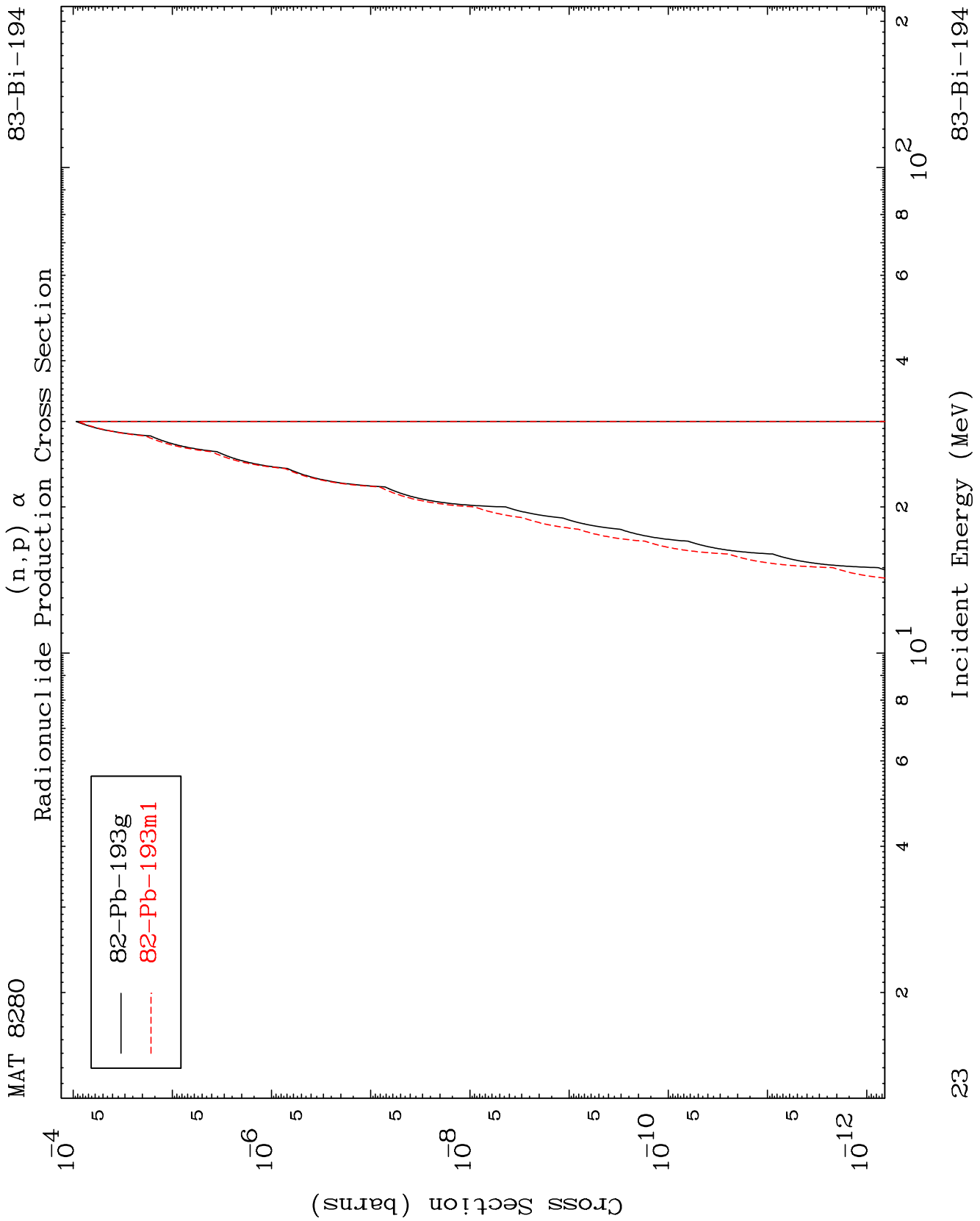
(n,2p)  
Radionuclide Production Cross Section



83-Bi-194

Incident Energy (MeV)

22



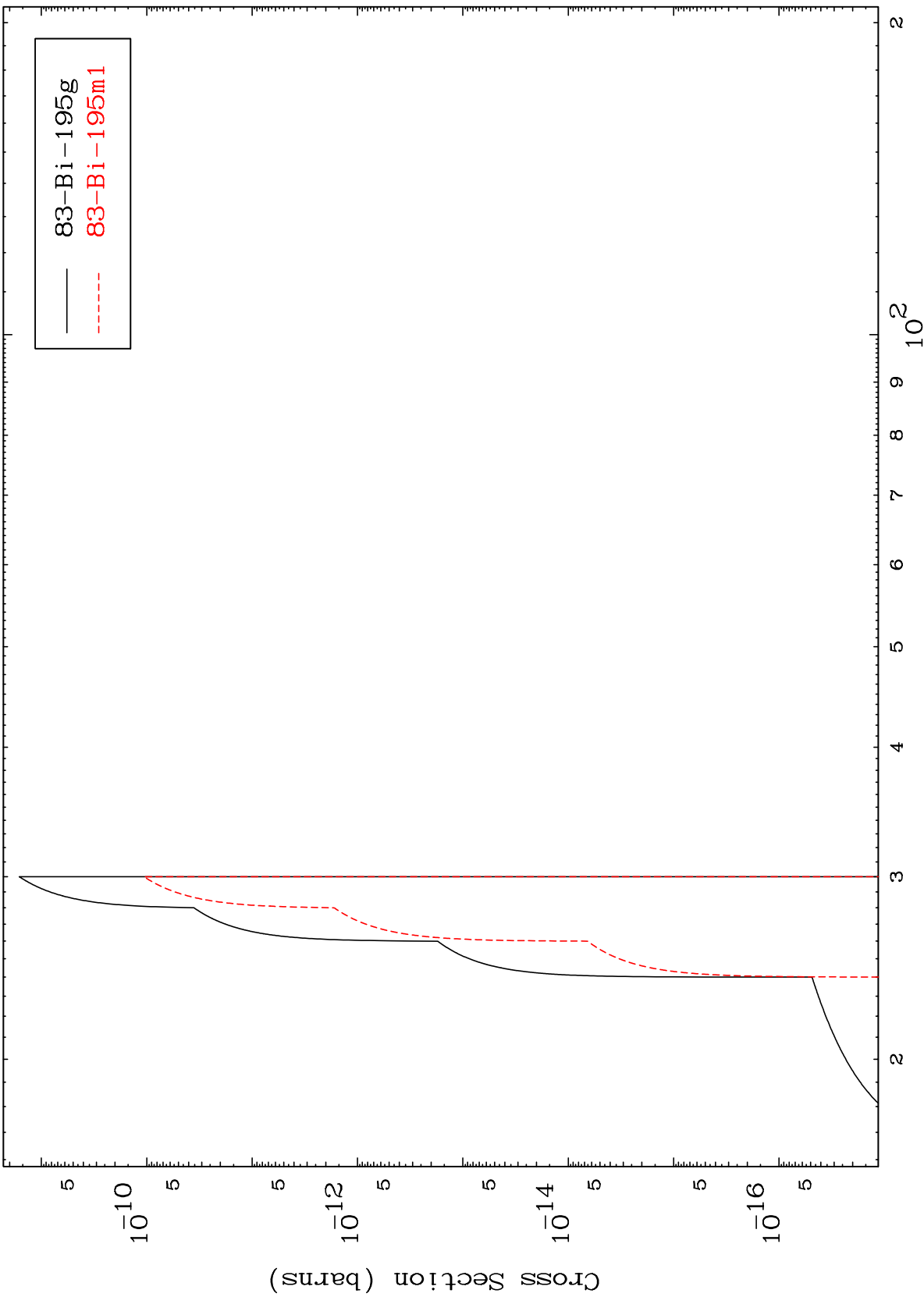


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(n,p) d

83-Bi-194

Radionuclide Production Cross Section



24

Incident Energy (MeV)

83-Bi-194