

Program EVALPLOT  
(Version 2018-1)

by

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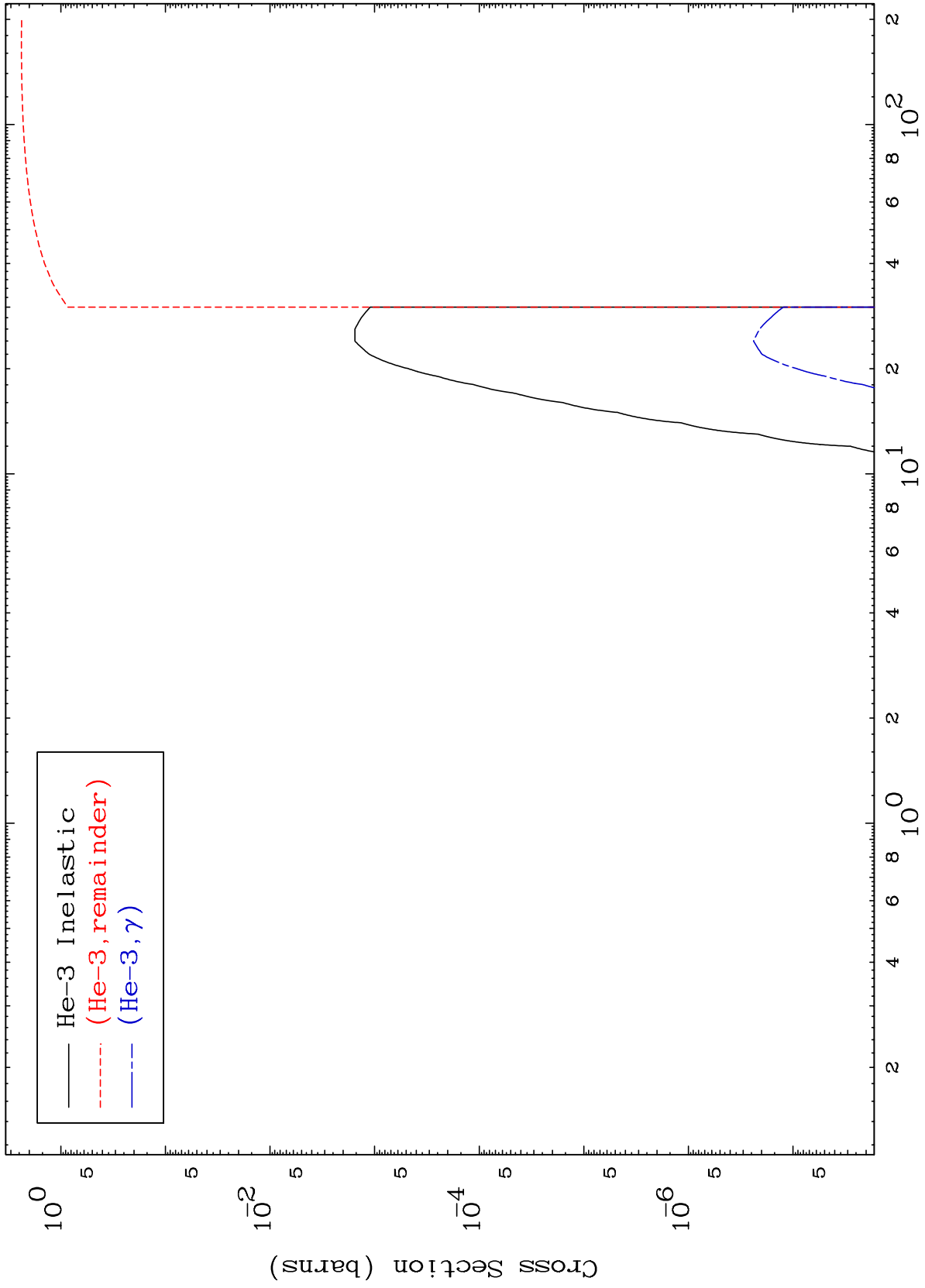
Press Mouse Button to Start

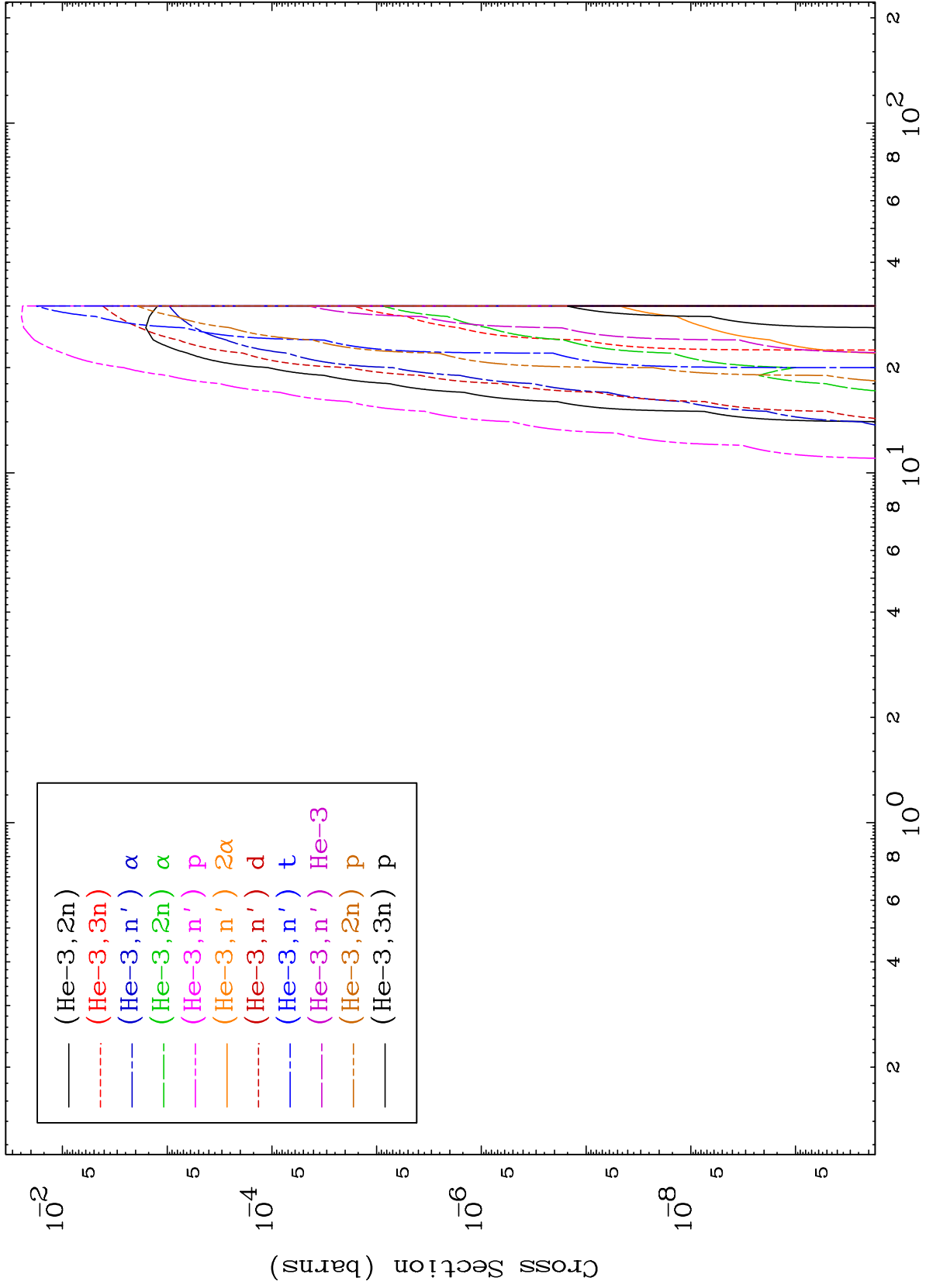
MAT 8290

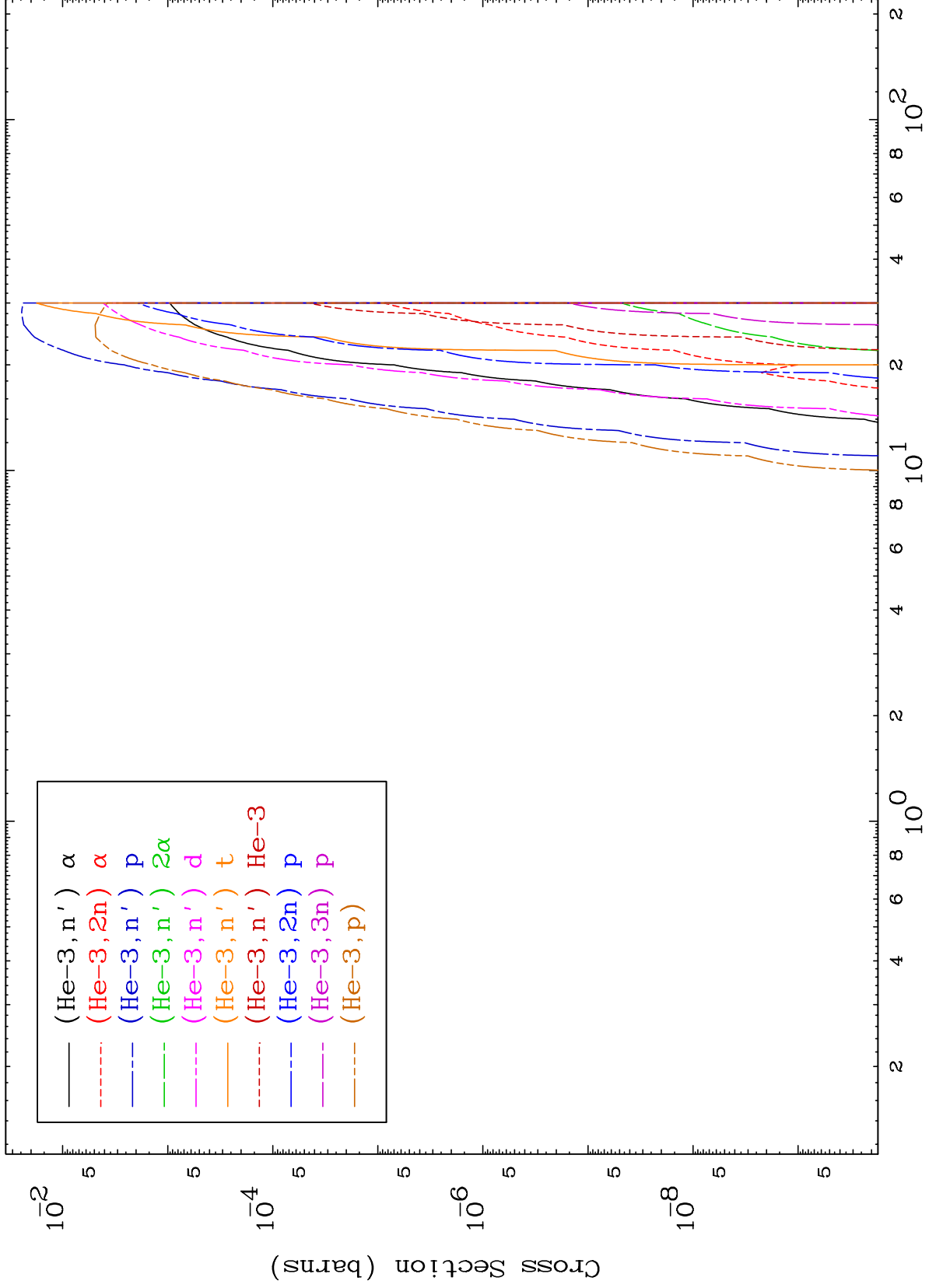
He-3 Major

83-Bi-197

0 Kelvin Cross Sections



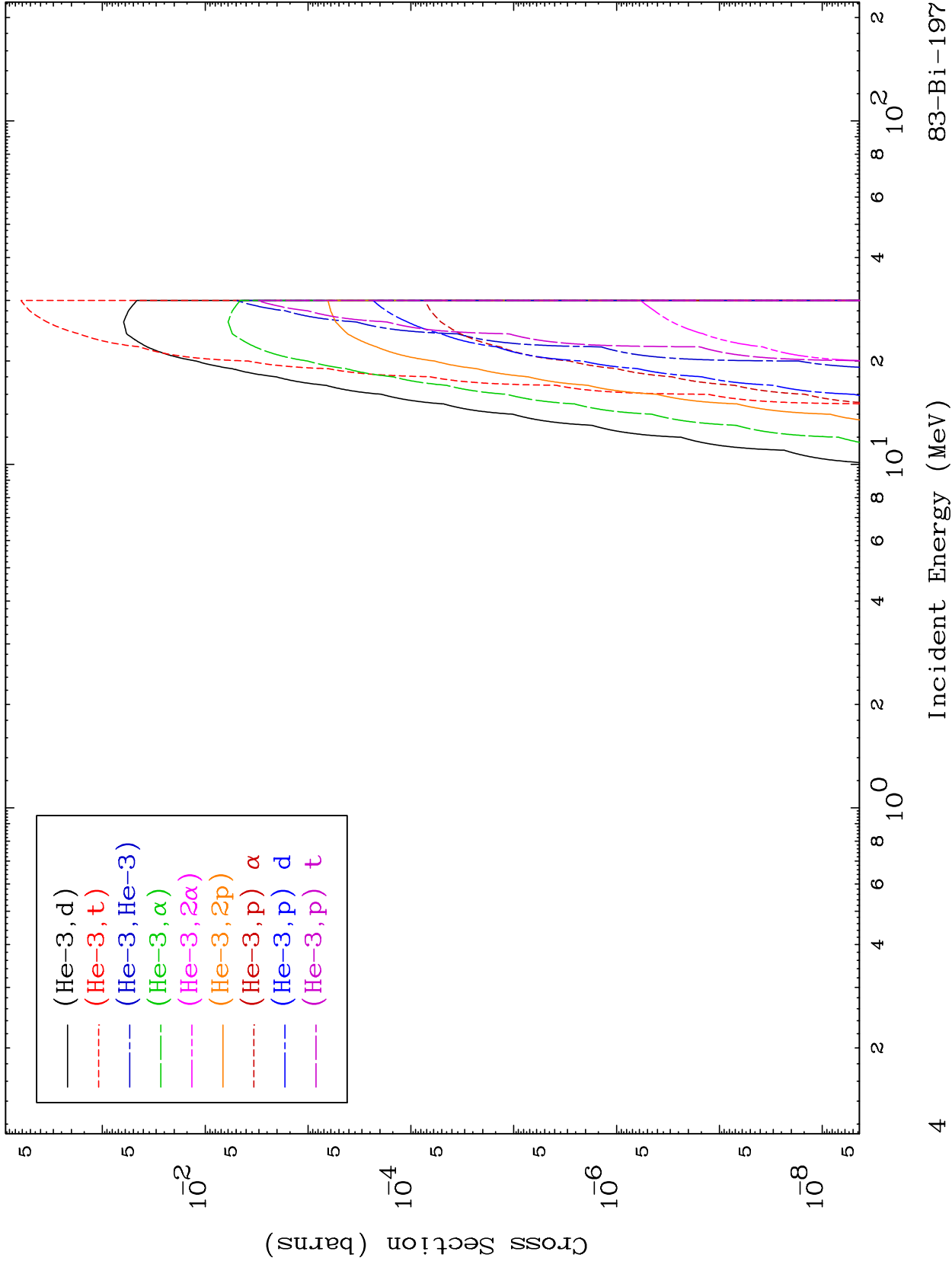




MAT 8290

He-3 Charged Particle  
0 Kelvin Cross Sections

83-Bi-197



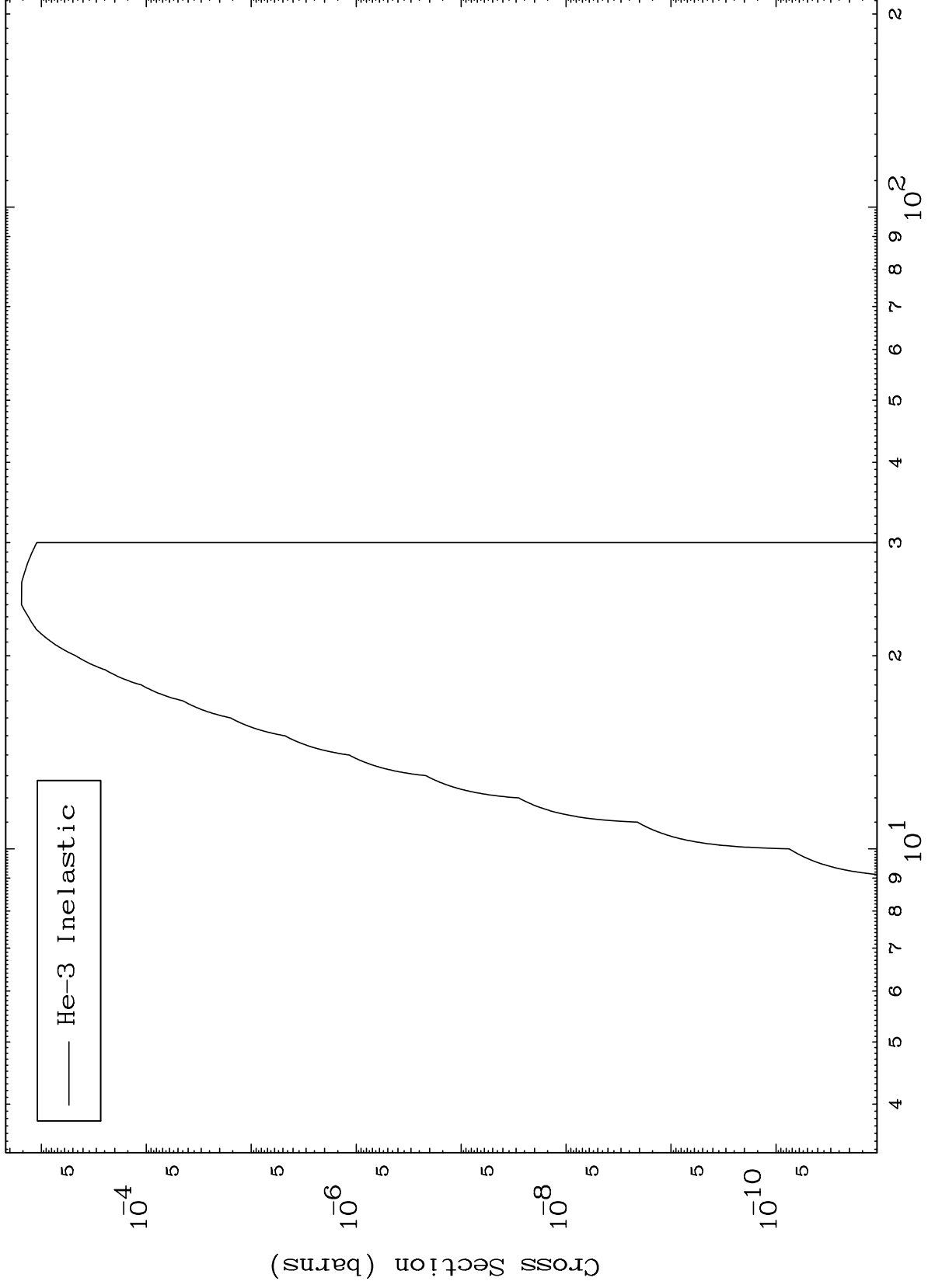
83-Bi-197

Incident Energy (MeV)

MAT 8290

(He-3, n') Level  
0 Kelvin Cross Sections

83-Bi-197



5

Incident Energy (MeV)

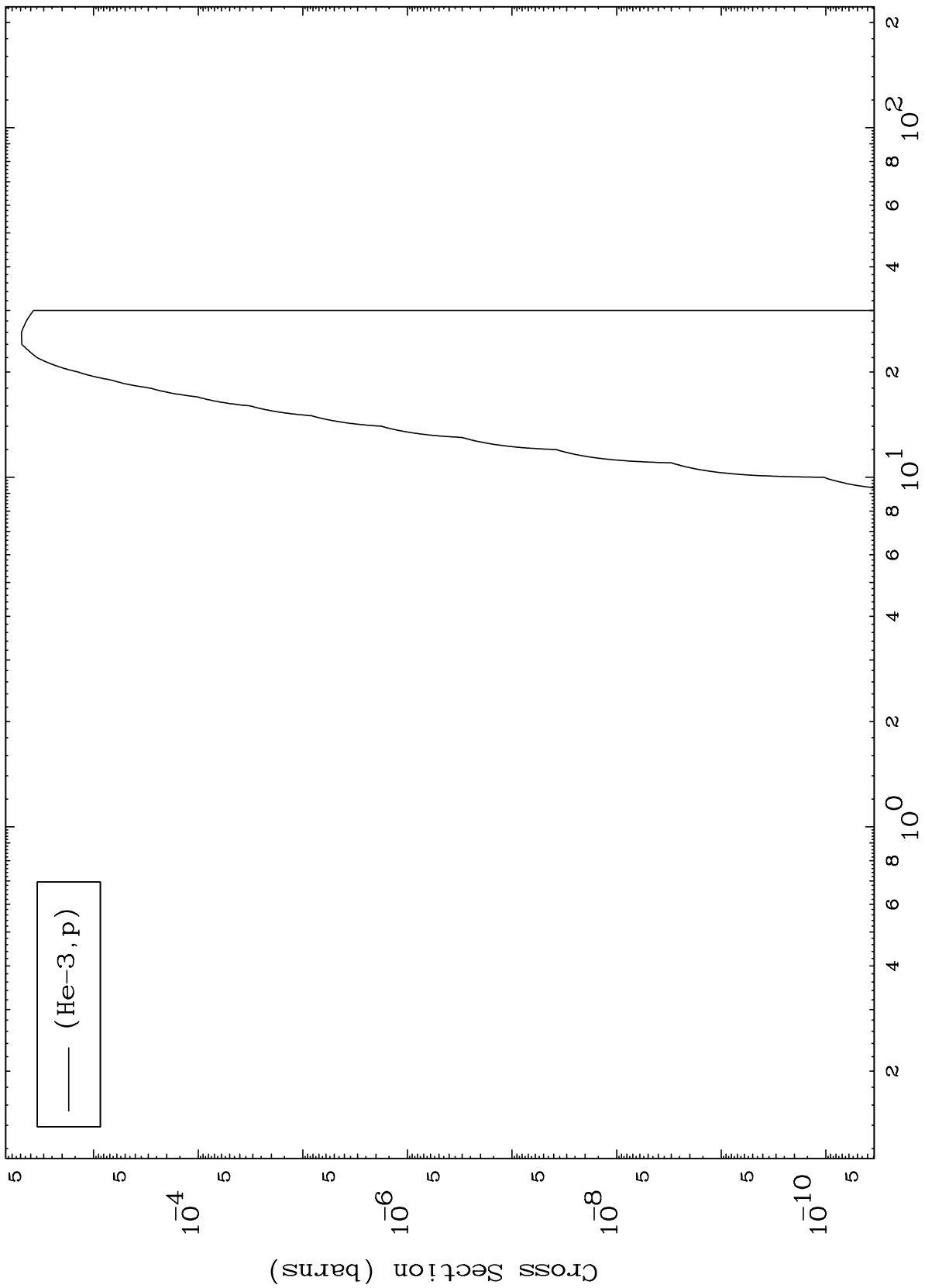
83-Bi-197

MAT 8290

(He-3,p) Levels

83-Bi-197

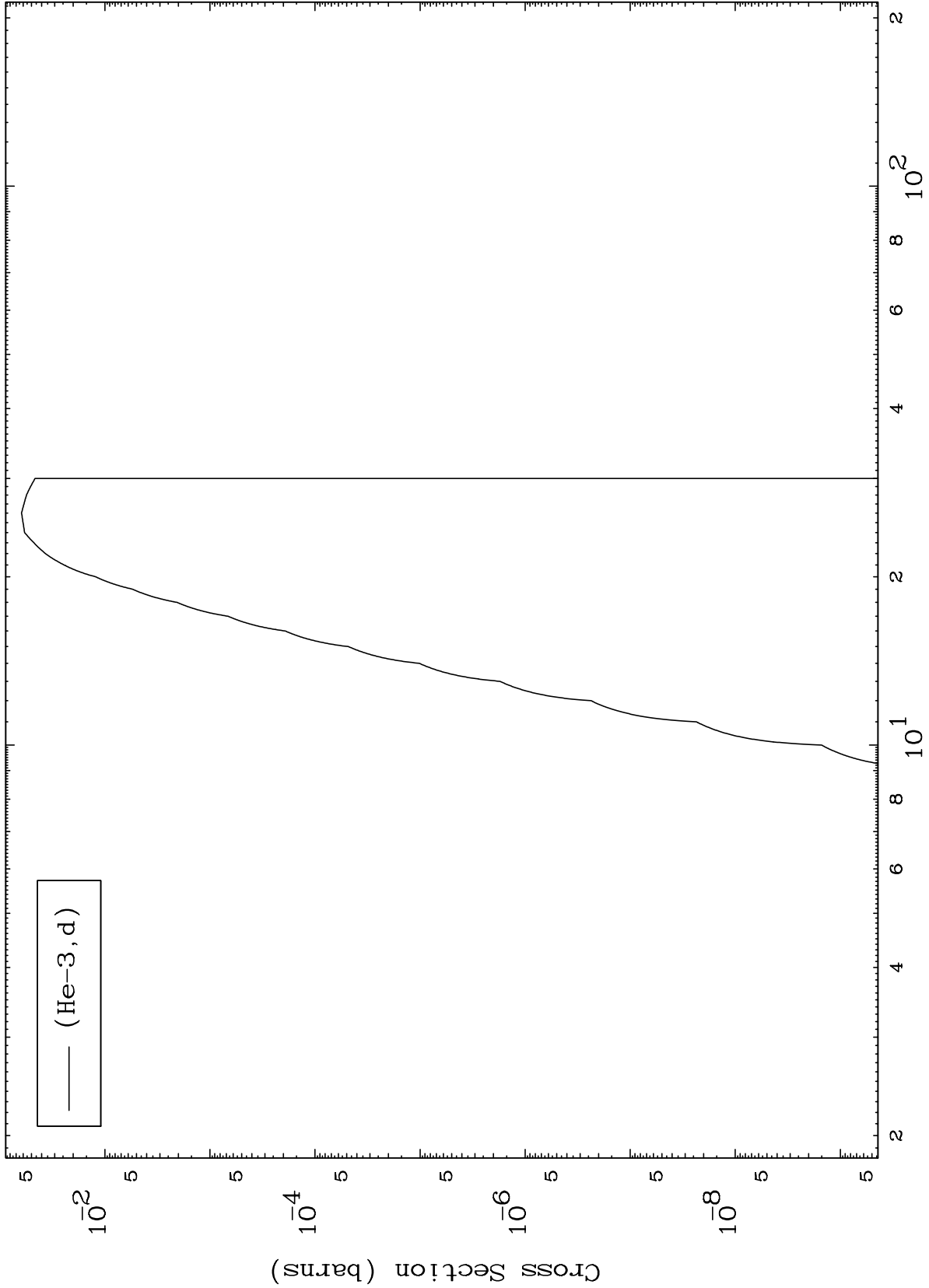
0 Kelvin Cross Sections



MAT 8290

(He-3,d) Levels  
0 Kelvin Cross Sections

83-Bi-197



7

Incident Energy (MeV)

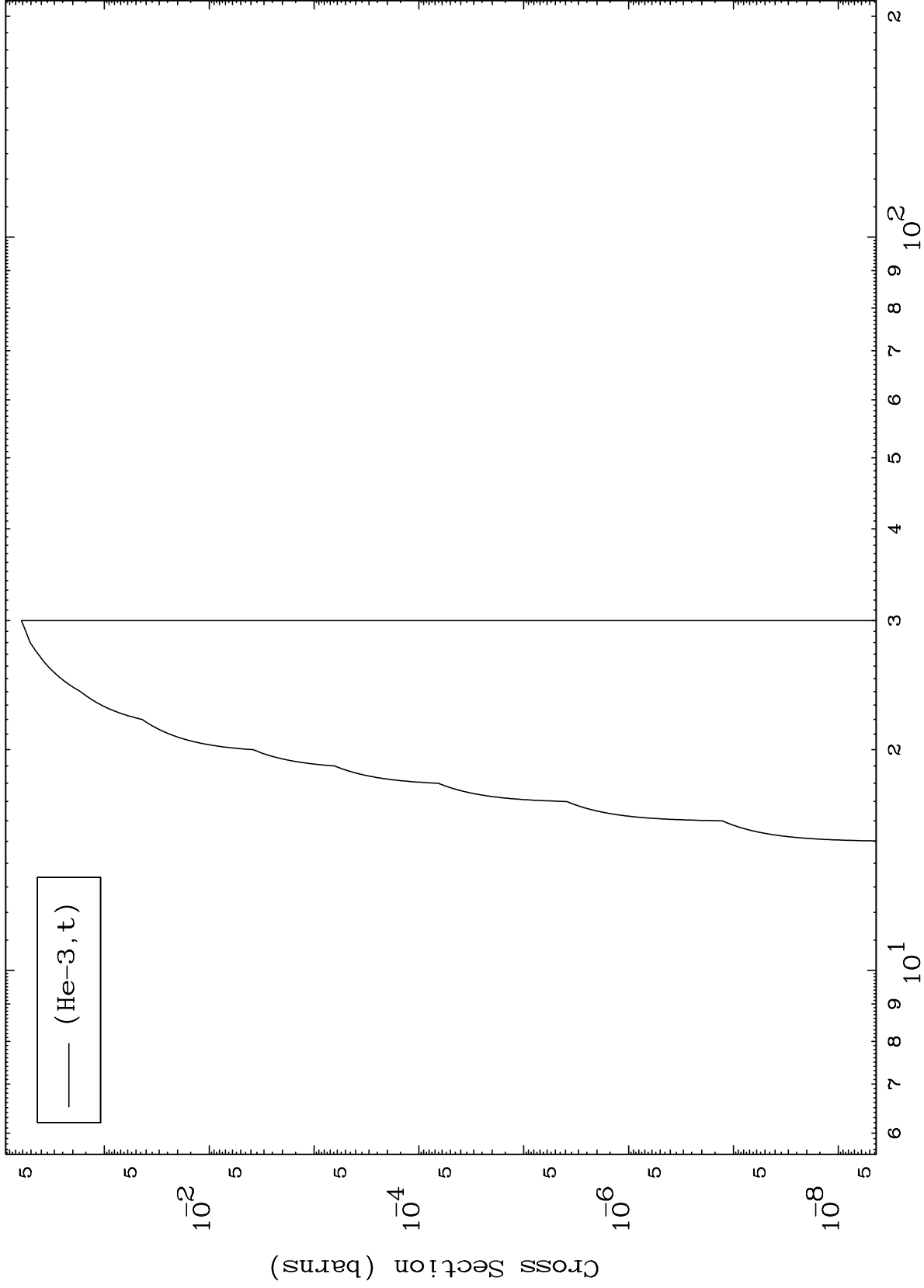
83-Bi-197



MAT 8290

(He-3, t) Levels  
0 Kelvin Cross Sections

83-Bi-197



8

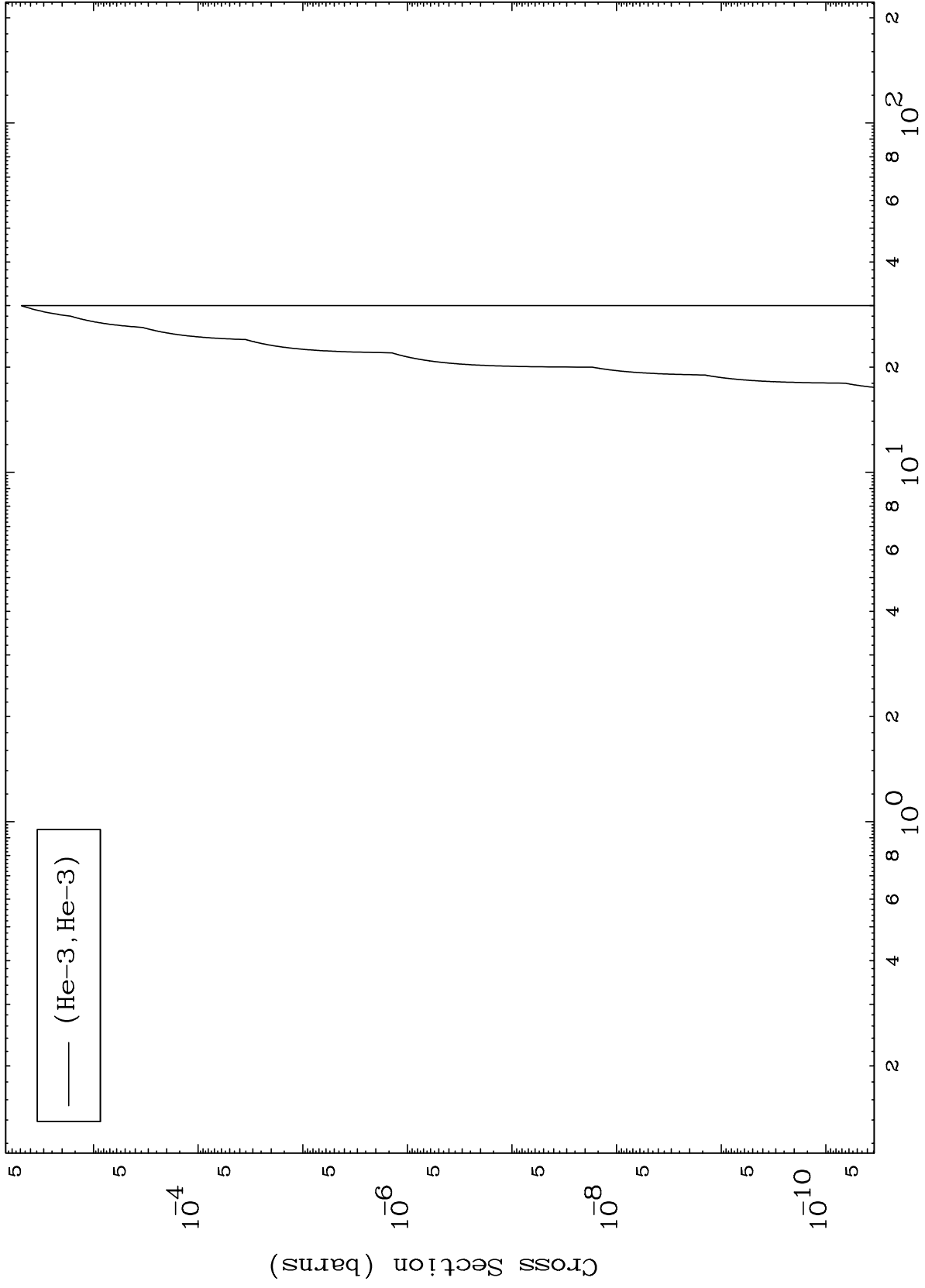
Incident Energy (MeV)

83-Bi-197

MAT 8290

(He-3, He3) Levels  
0 Kelvin Cross Sections

83-Bi-197

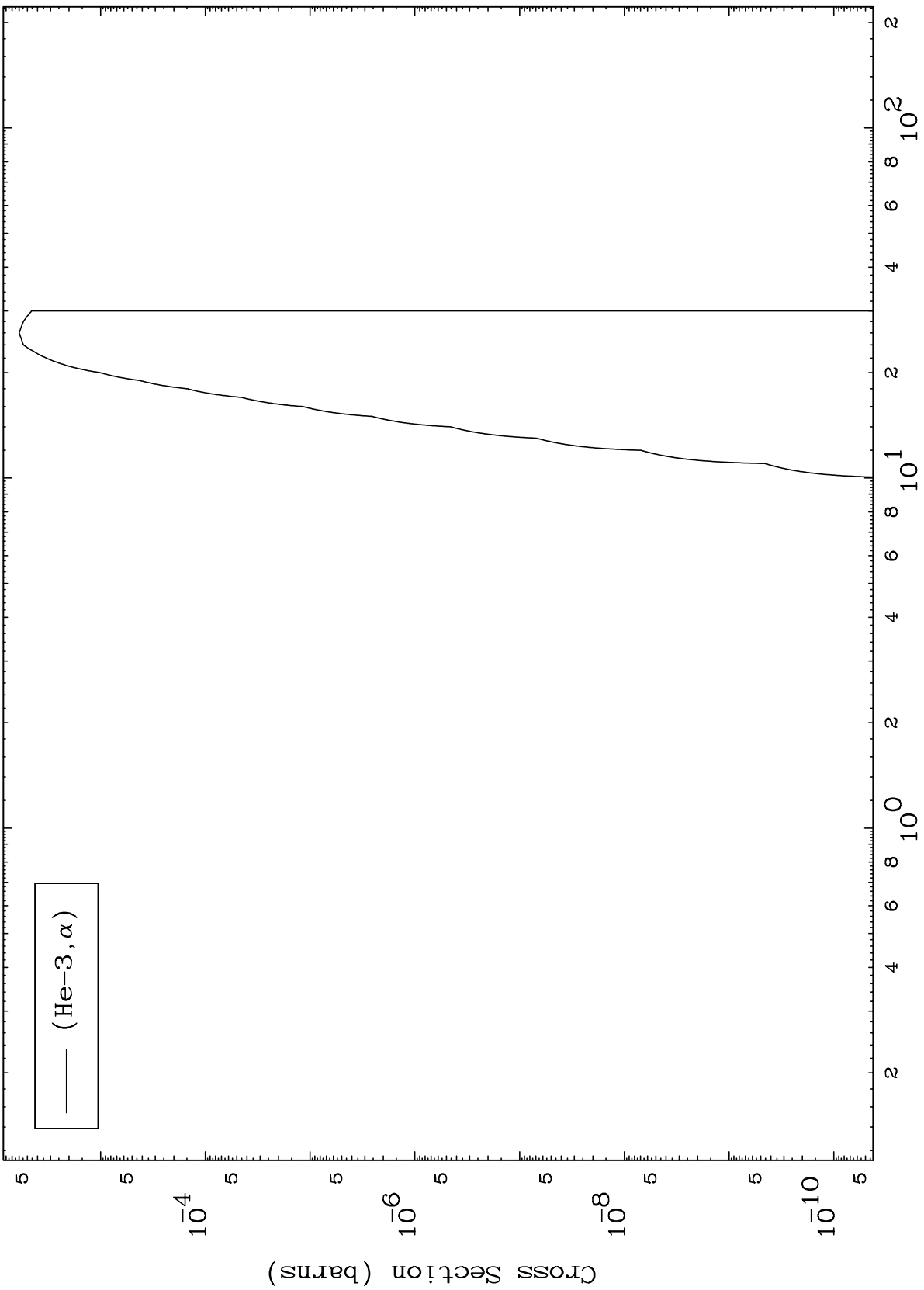


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(He-3,  $\alpha$ ) Levels

83-Bi-197

0 Kelvin Cross Sections



10

Incident Energy (MeV)

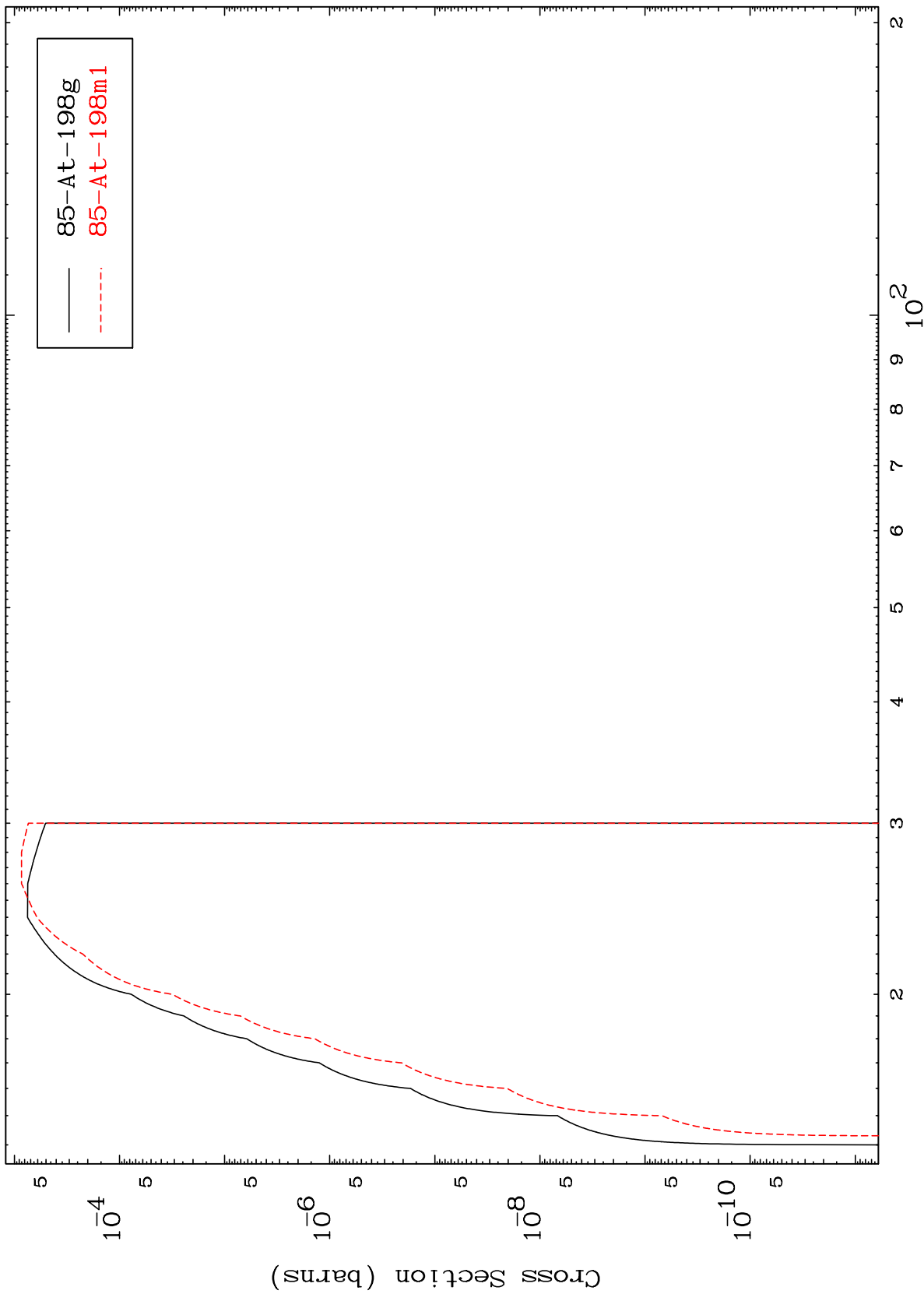
83-Bi-197

MAT 8290

(He-3,2n)

83-Bi-197

Radionuclide Production Cross Section

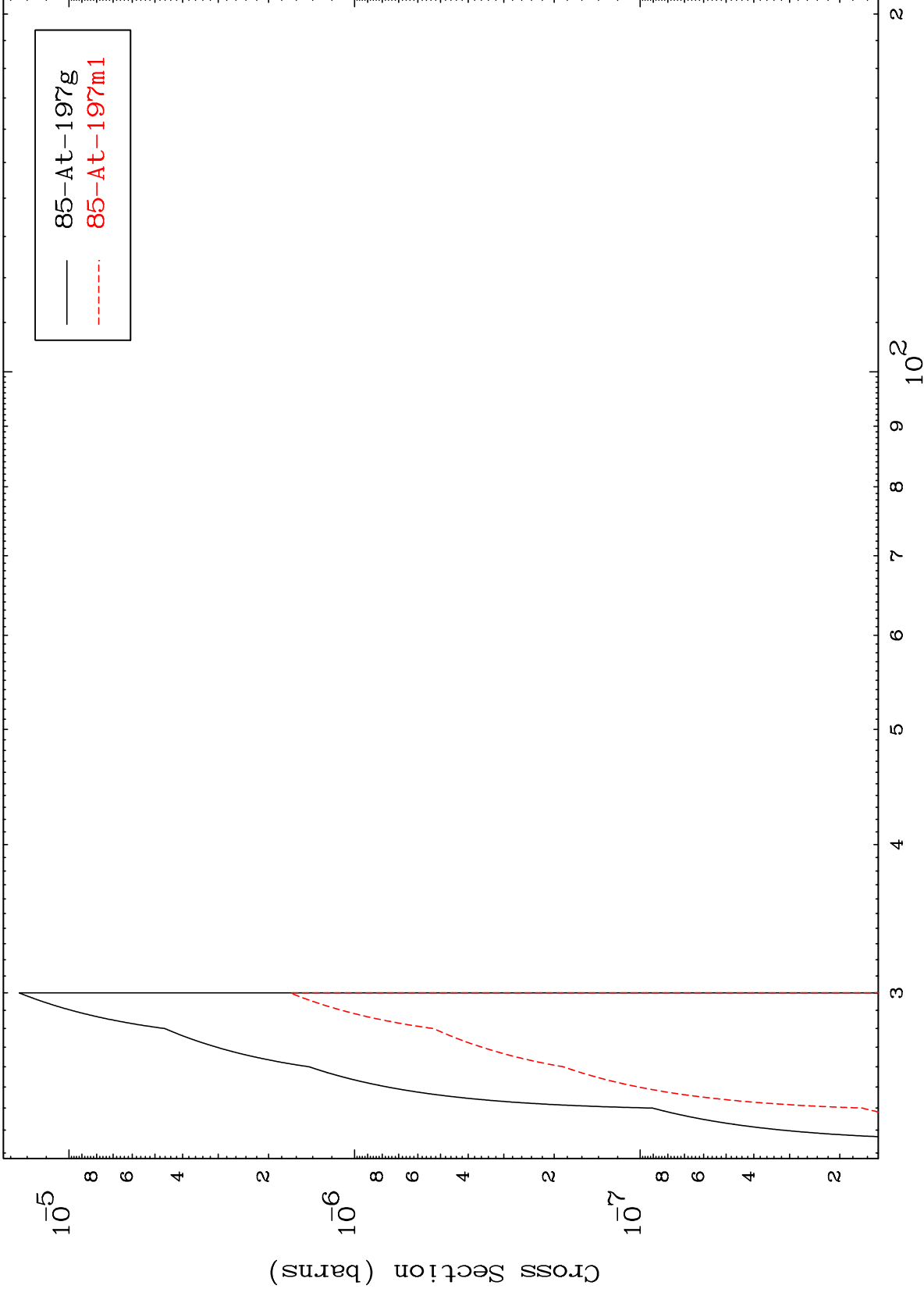


MAT 8290

(He-3,3n)

83-Bi-197

Radionuclide Production Cross Section



12

Incident Energy (MeV)

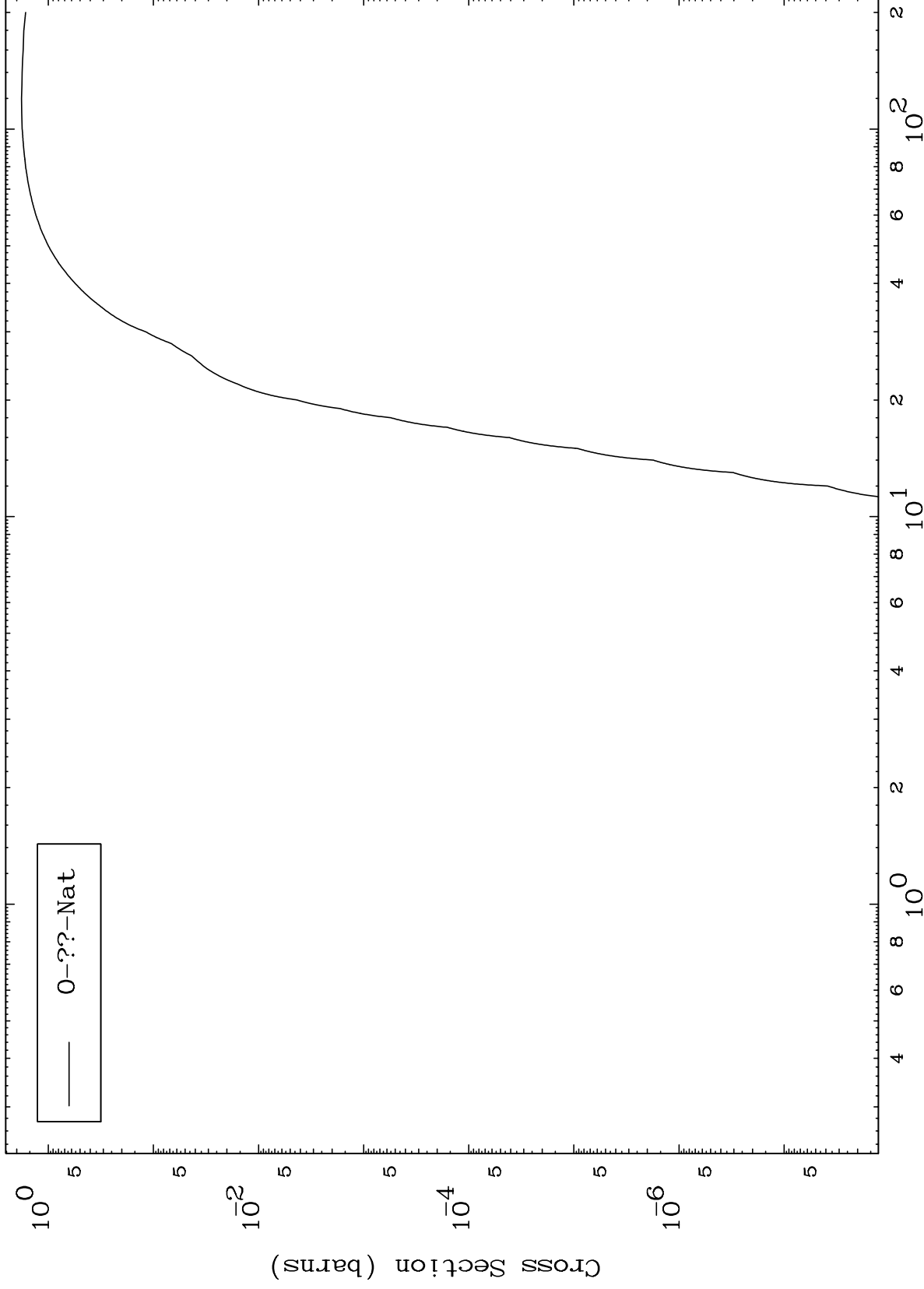
83-Bi-197

MAT 8290

He-3 Fission

83-Bi-197

Radionuclide Production Cross Section



13

Incident Energy (MeV)

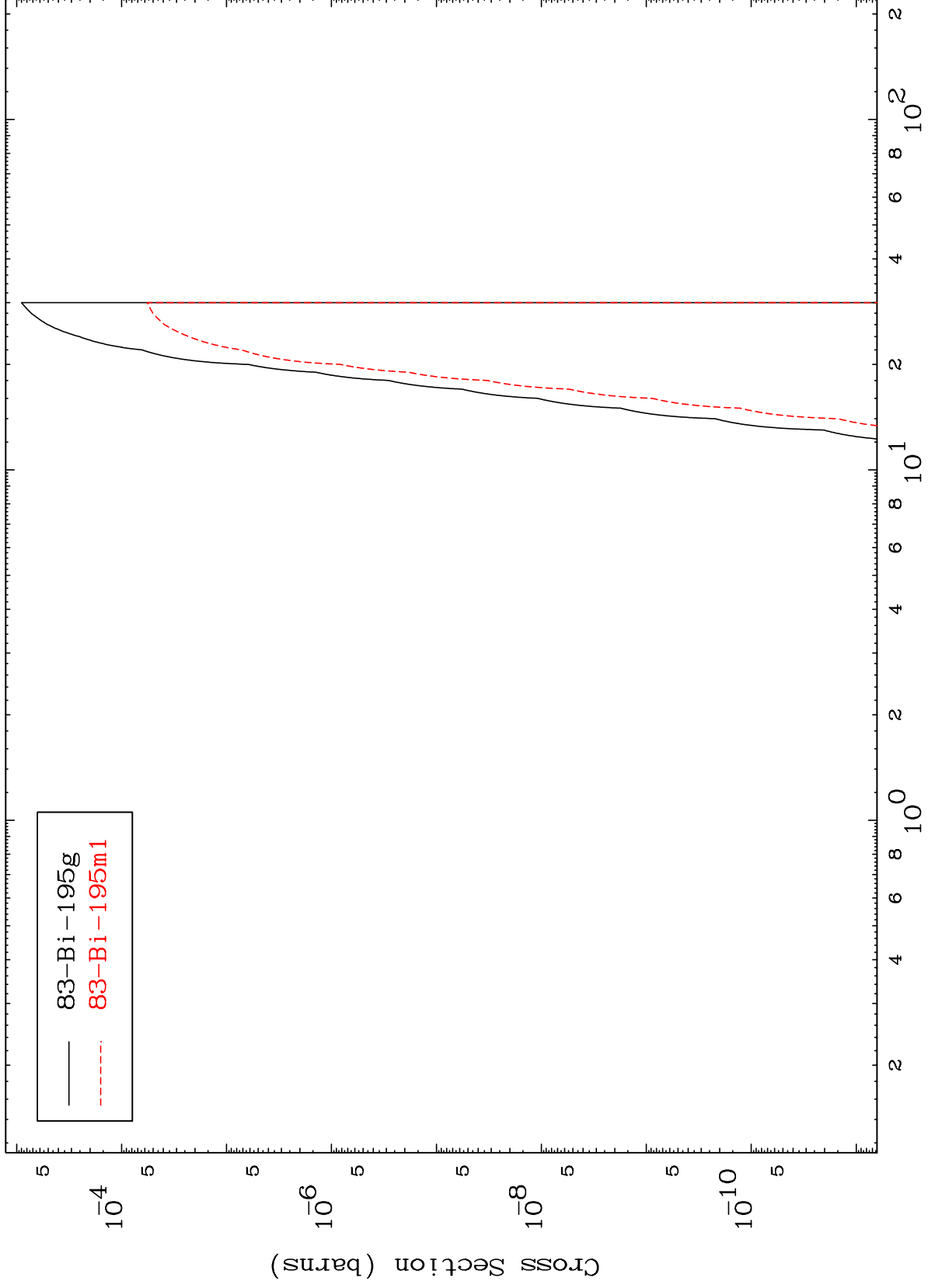
83-Bi-197

MAT 8290

(He-3, n')  $\alpha$

83-Bi-197

Radionuclide Production Cross Section



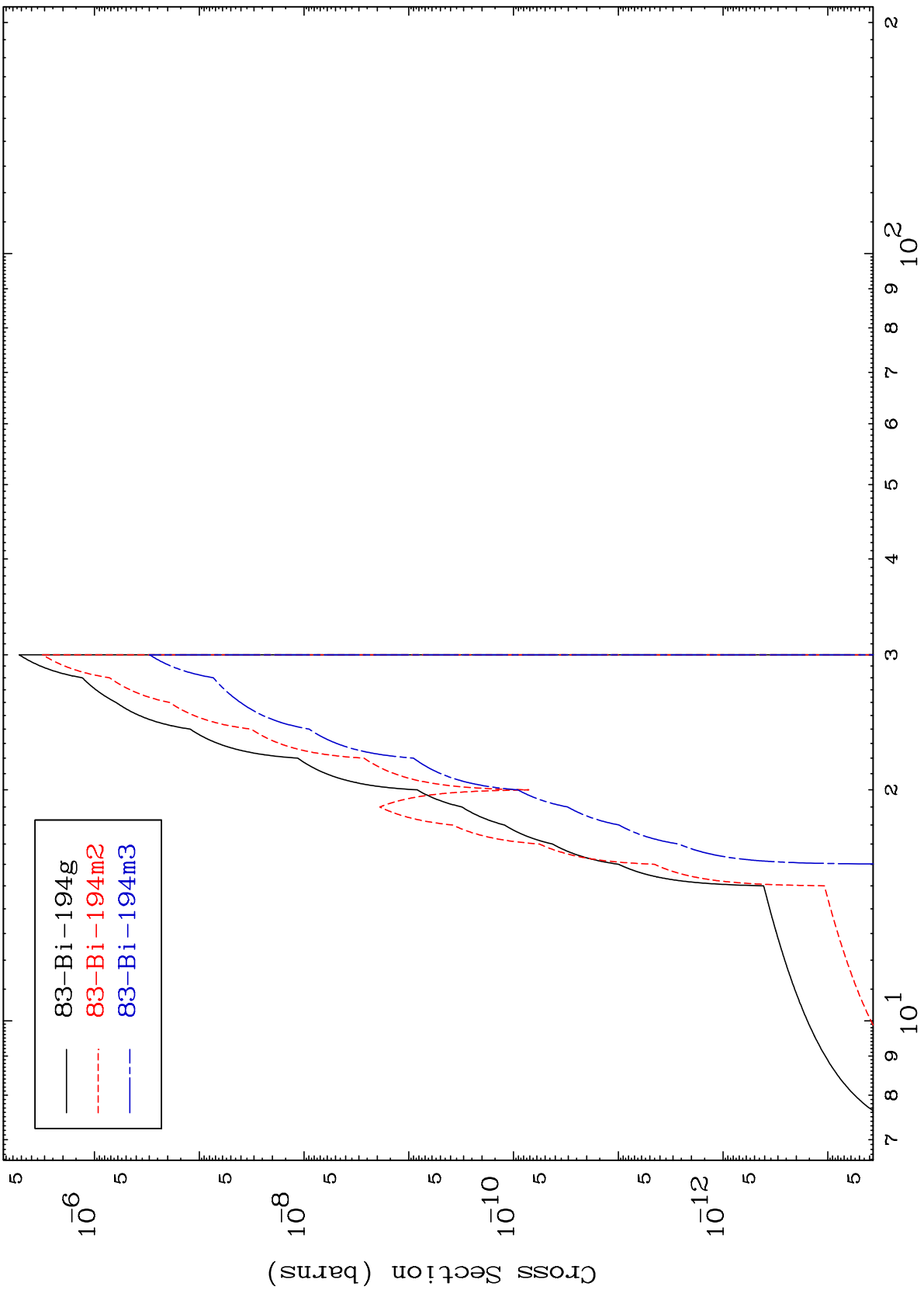
83-Bi-195g  
83-Bi-195m1

MAT 8290

(He-3,2n)  $\alpha$

83-Bi-197

Radionuclide Production Cross Section



15

Incident Energy (MeV)

83-Bi-197

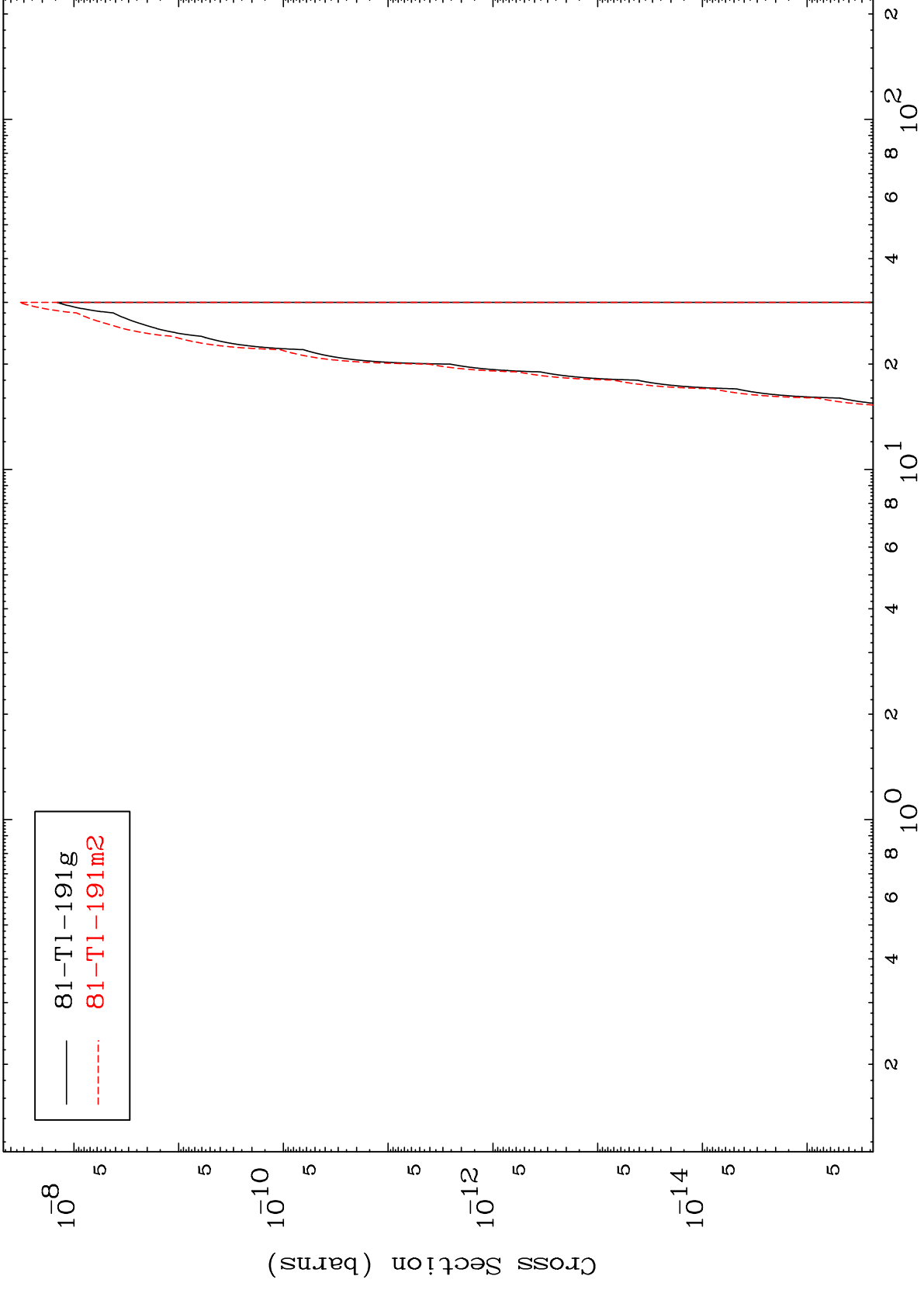


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(He-3, n') 2 $\alpha$

83-Bi-197

Radionuclide Production Cross Section



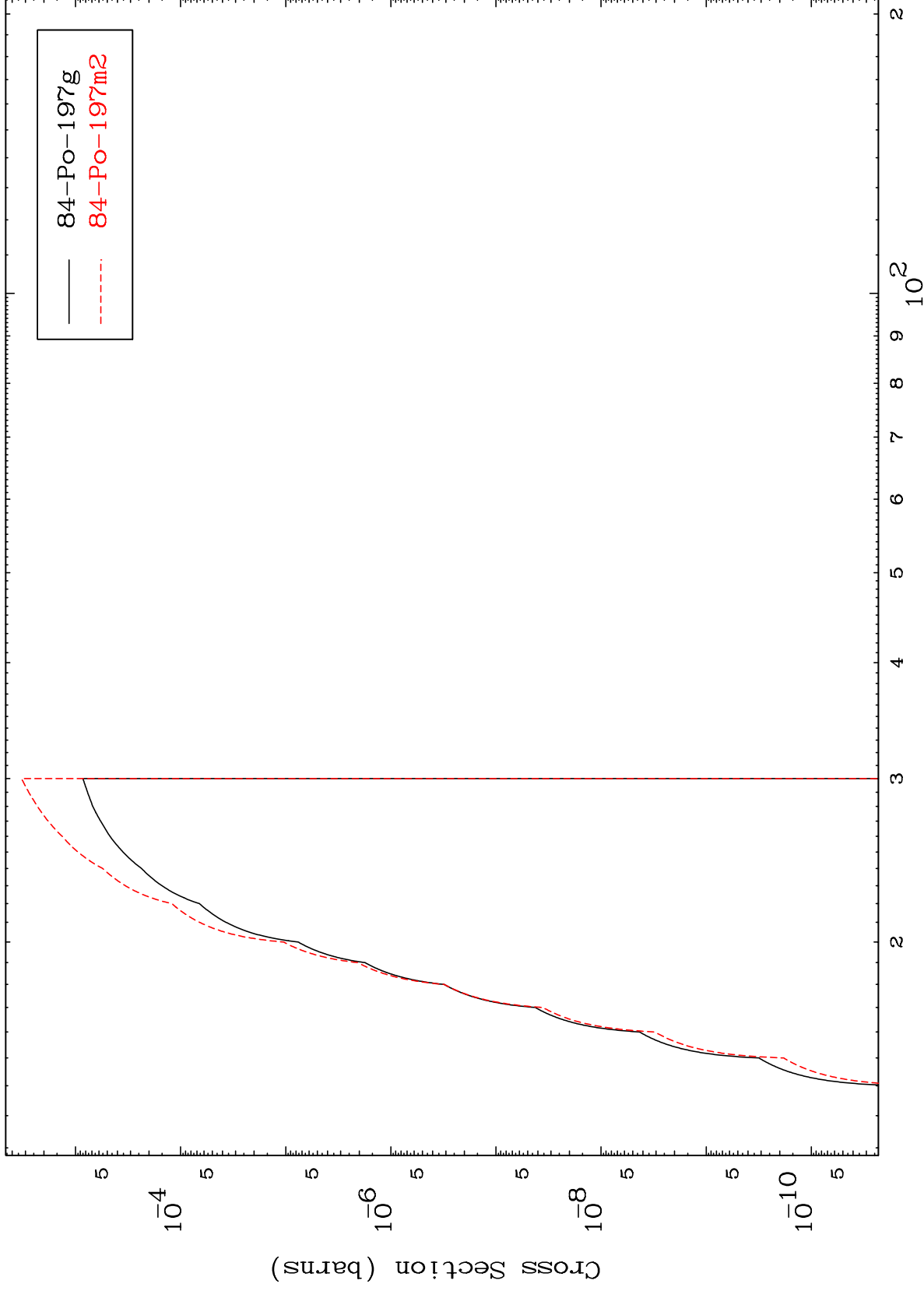
81-Tl-191g  
81-Tl-191m2

MAT 8290

(He-3, n') d

83-Bi-197

Radionuclide Production Cross Section



17

Incident Energy (MeV)

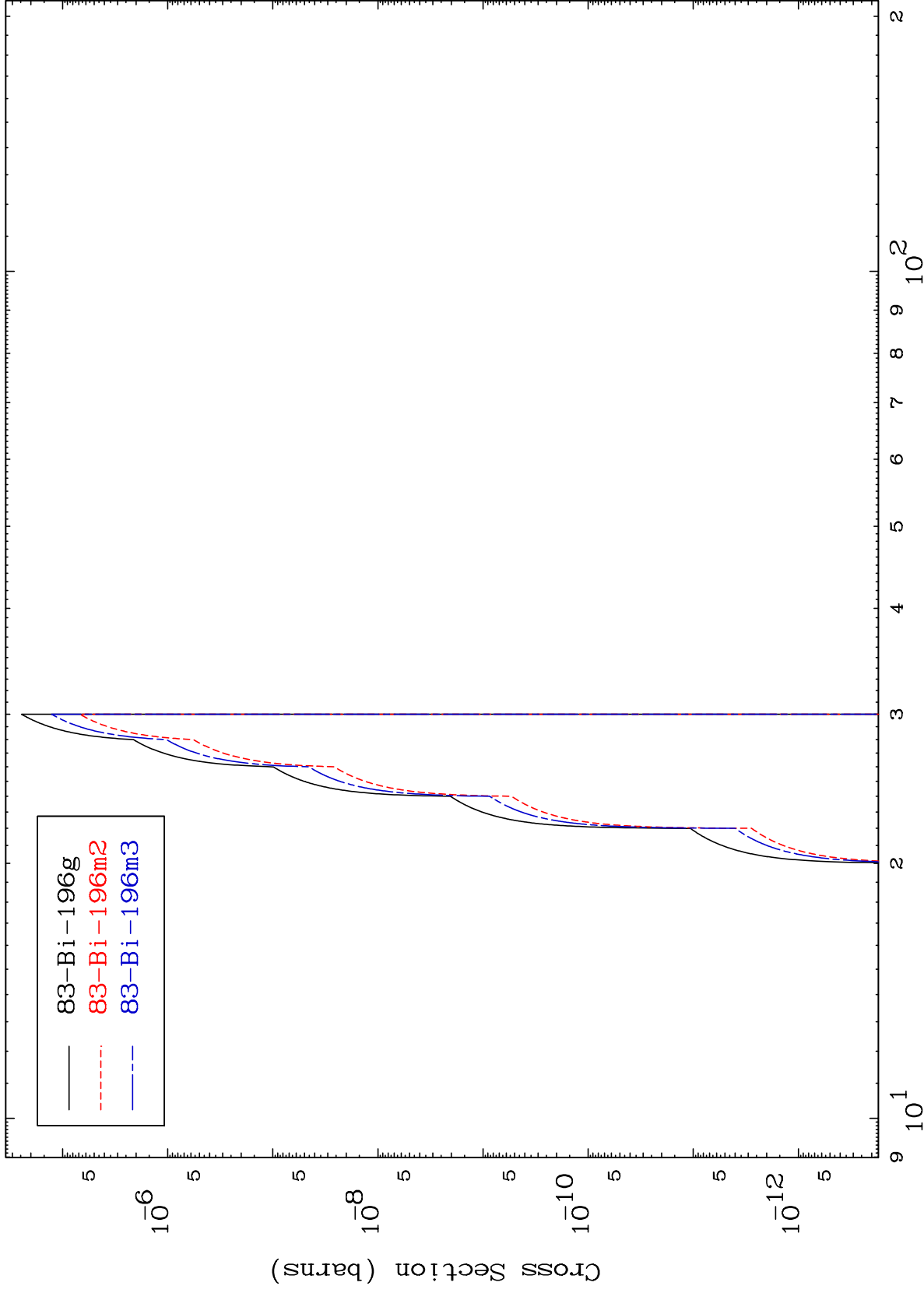
83-Bi-197

MAT 8290

(He-3, n') He-3

83-Bi-197

Radionuclide Production Cross Section



18

Incident Energy (MeV)

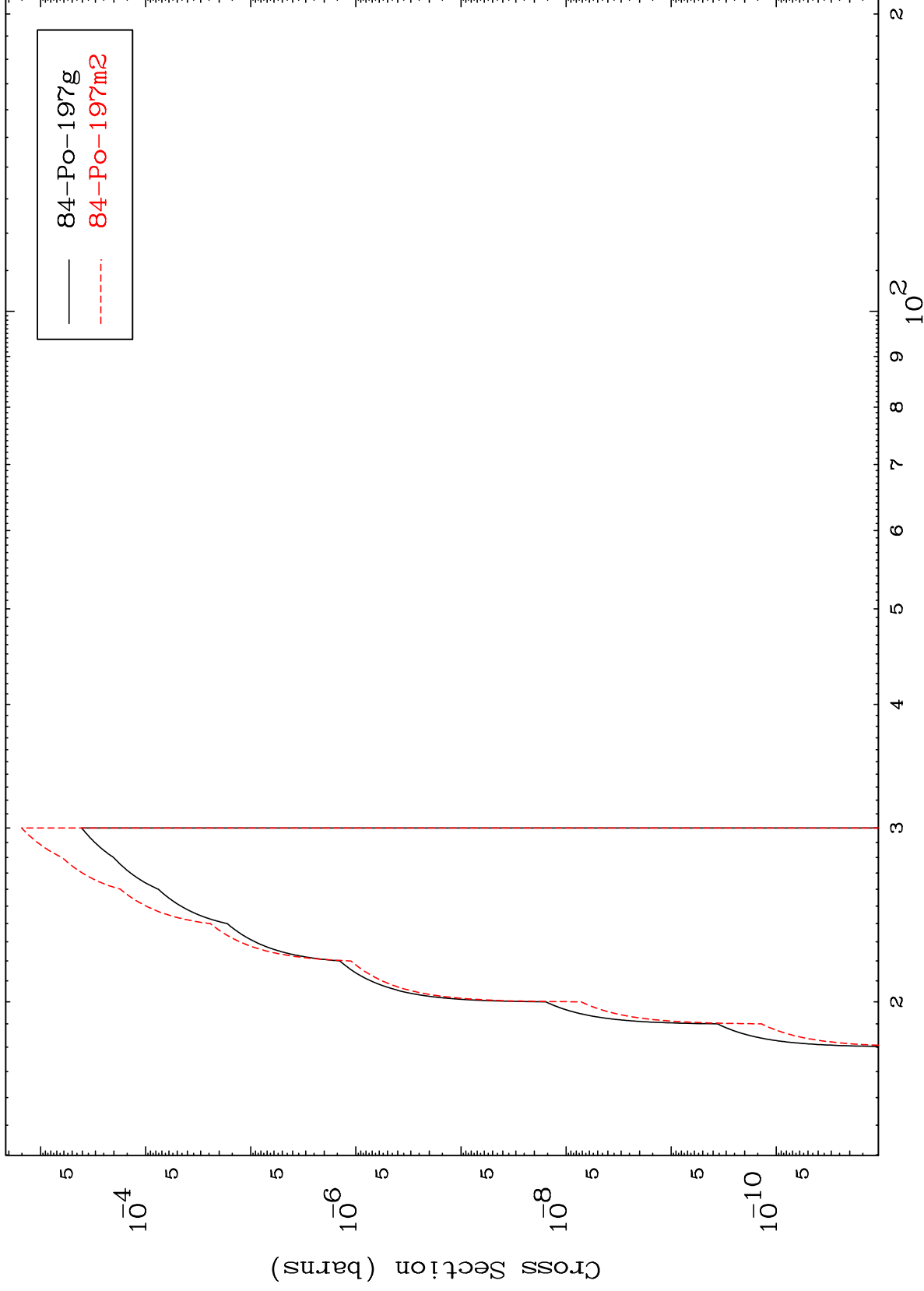
83-Bi-197

MAT 8290

(He-3,2n) p

83-Bi-197

Radionuclide Production Cross Section



19

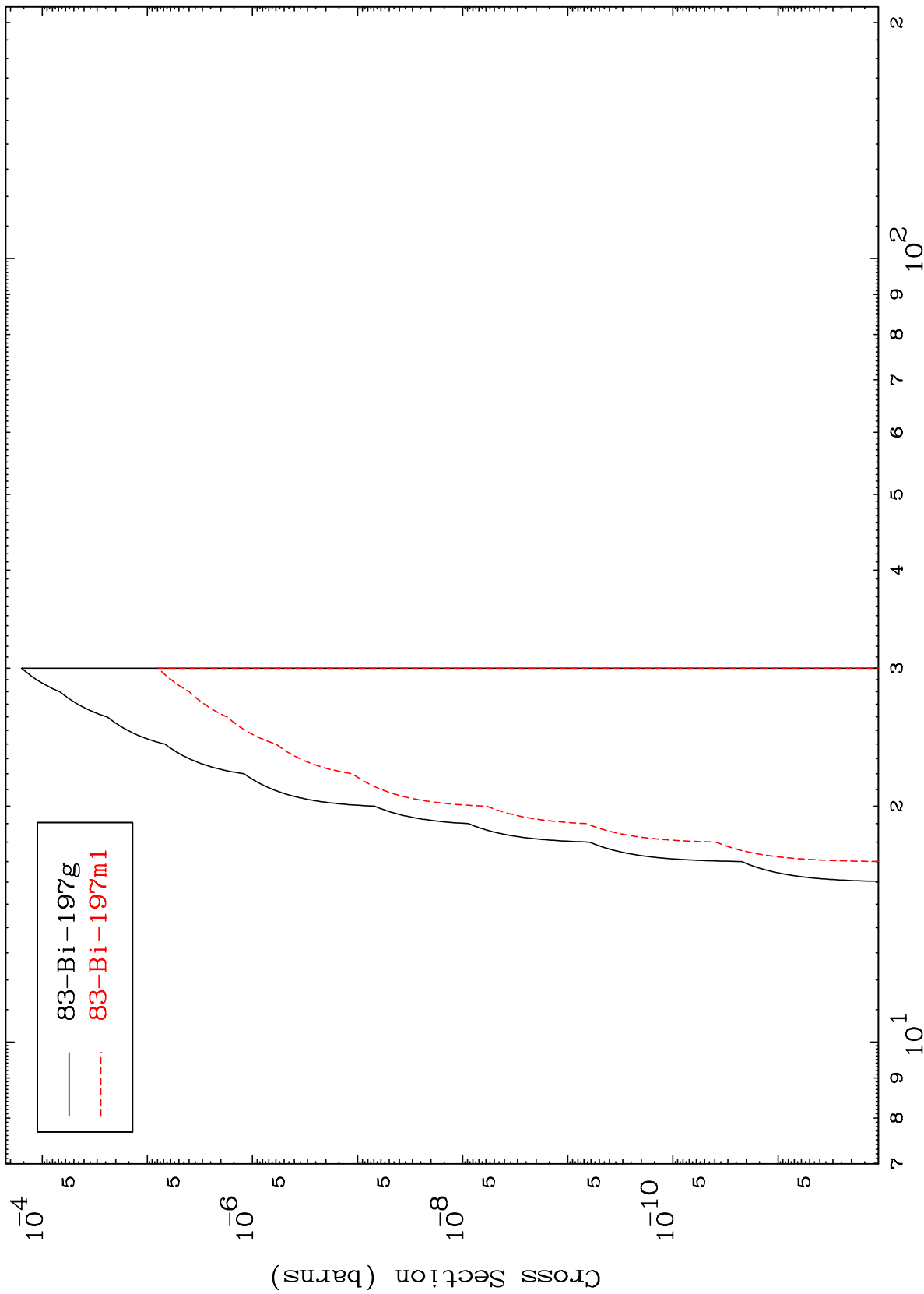
Incident Energy (MeV)

83-Bi-197

MAT 8290

83-Bi-197

(He-3,2n) p  
Radionuclide Production Cross Section



83-Bi-197

Incident Energy (MeV)

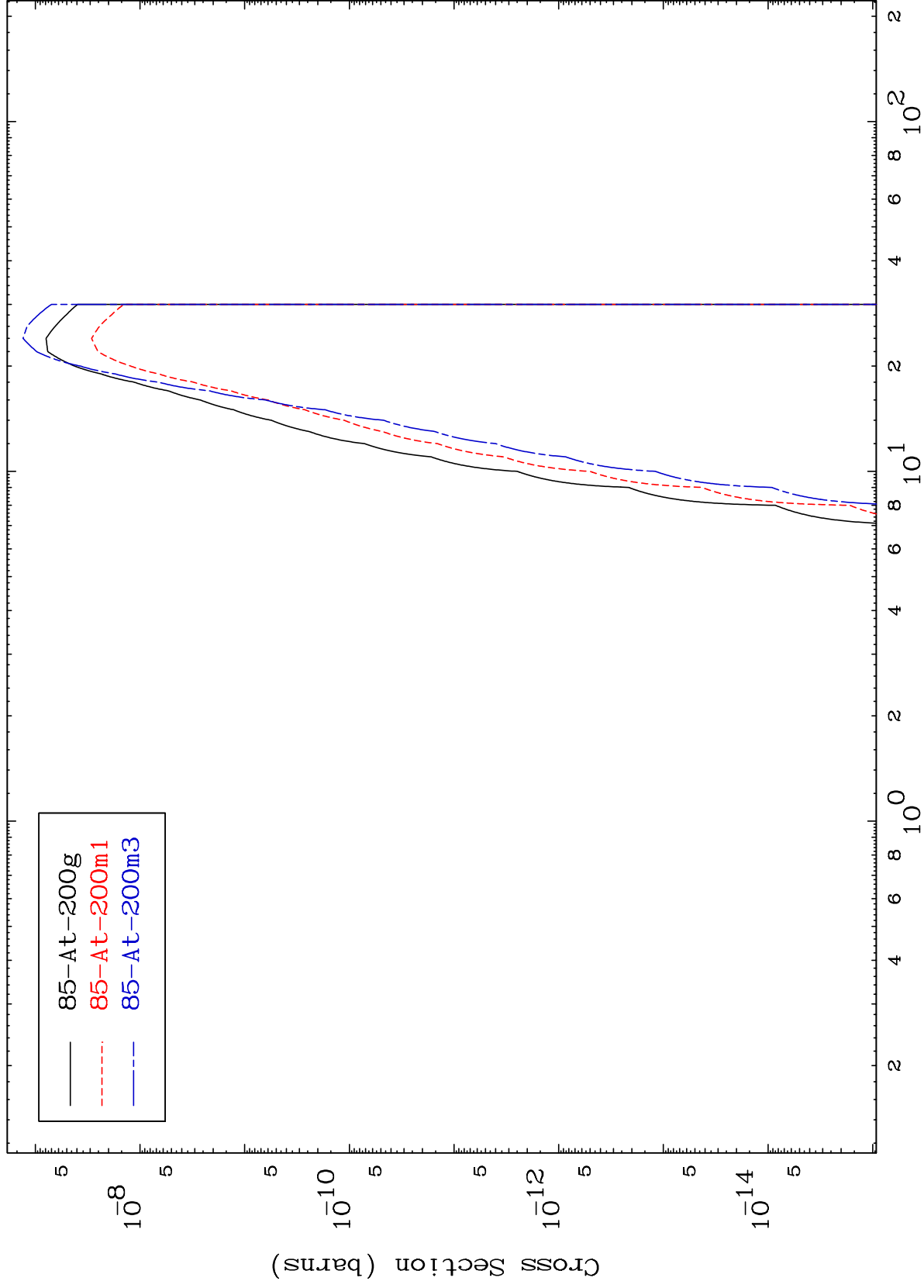
20

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(He-3,  $\gamma$ )

83-Bi-197

Radionuclide Production Cross Section



21

Incident Energy (MeV)

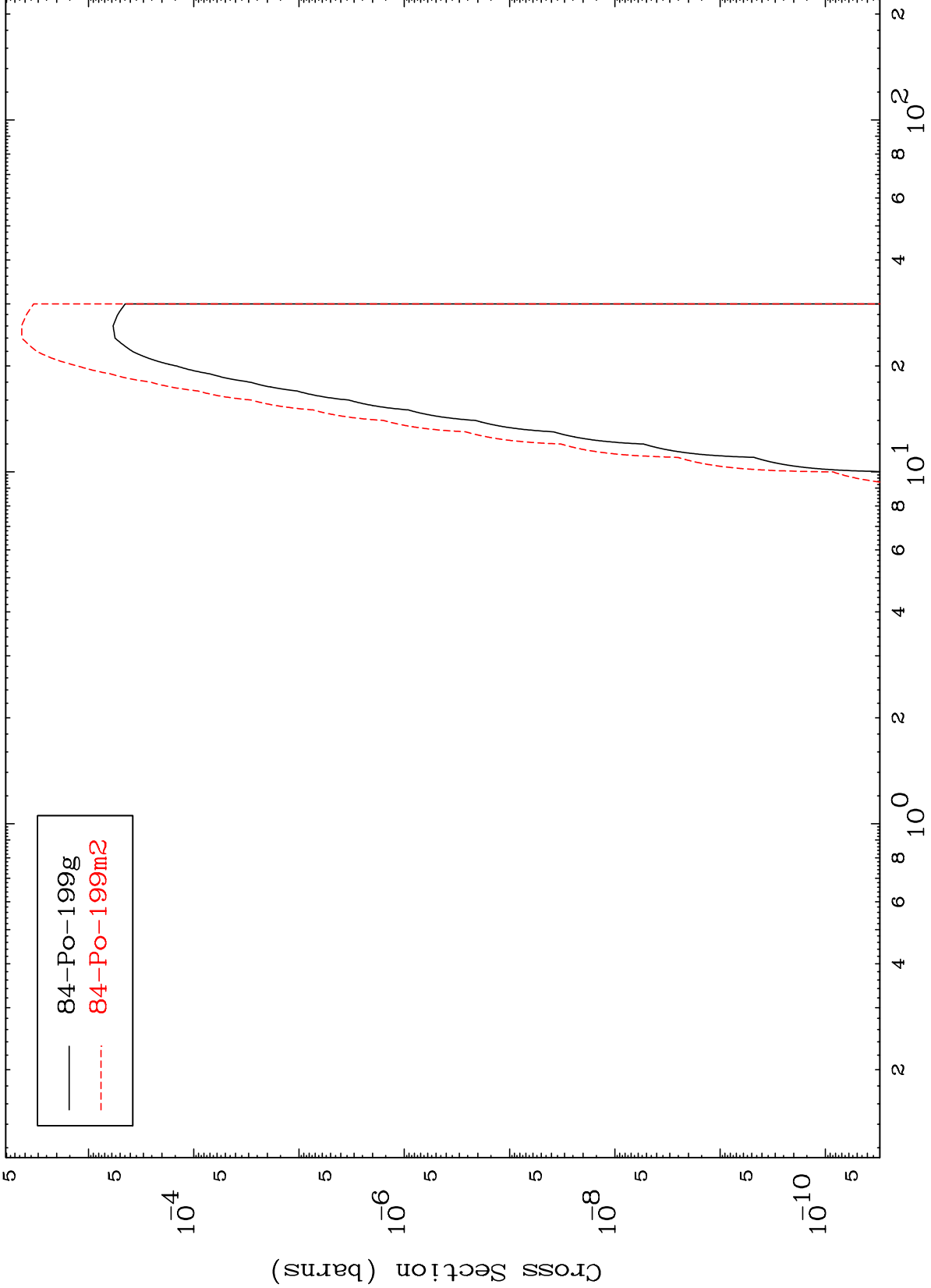
83-Bi-197

MAT 8290

(He-3, p)

83-Bi-197

Radionuclide Production Cross Section



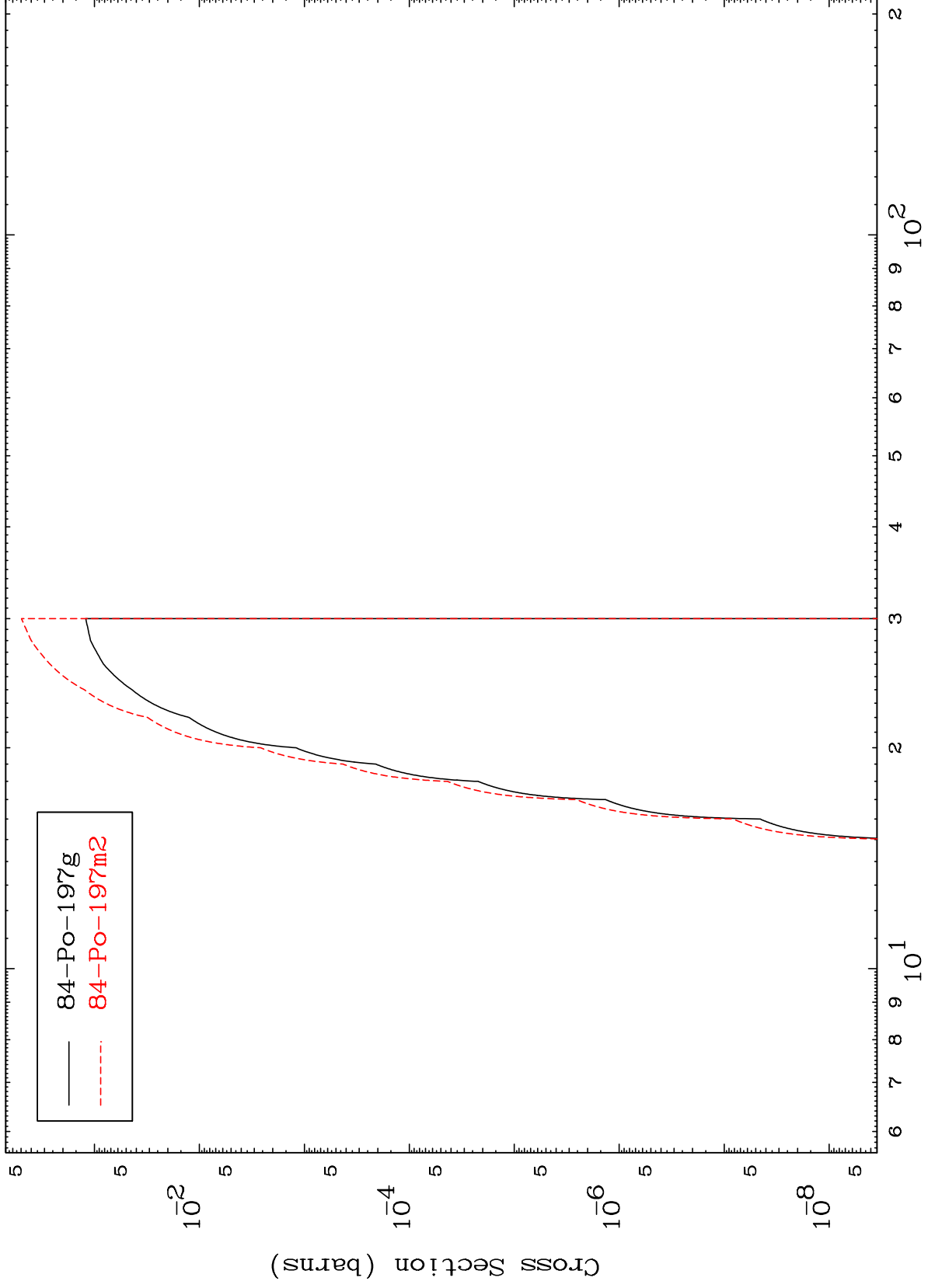
— 84-Po-199g  
- - - 84-Po-199m2

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(He-3, t)

83-Bi-197

Radionuclide Production Cross Section



23

Incident Energy (MeV)

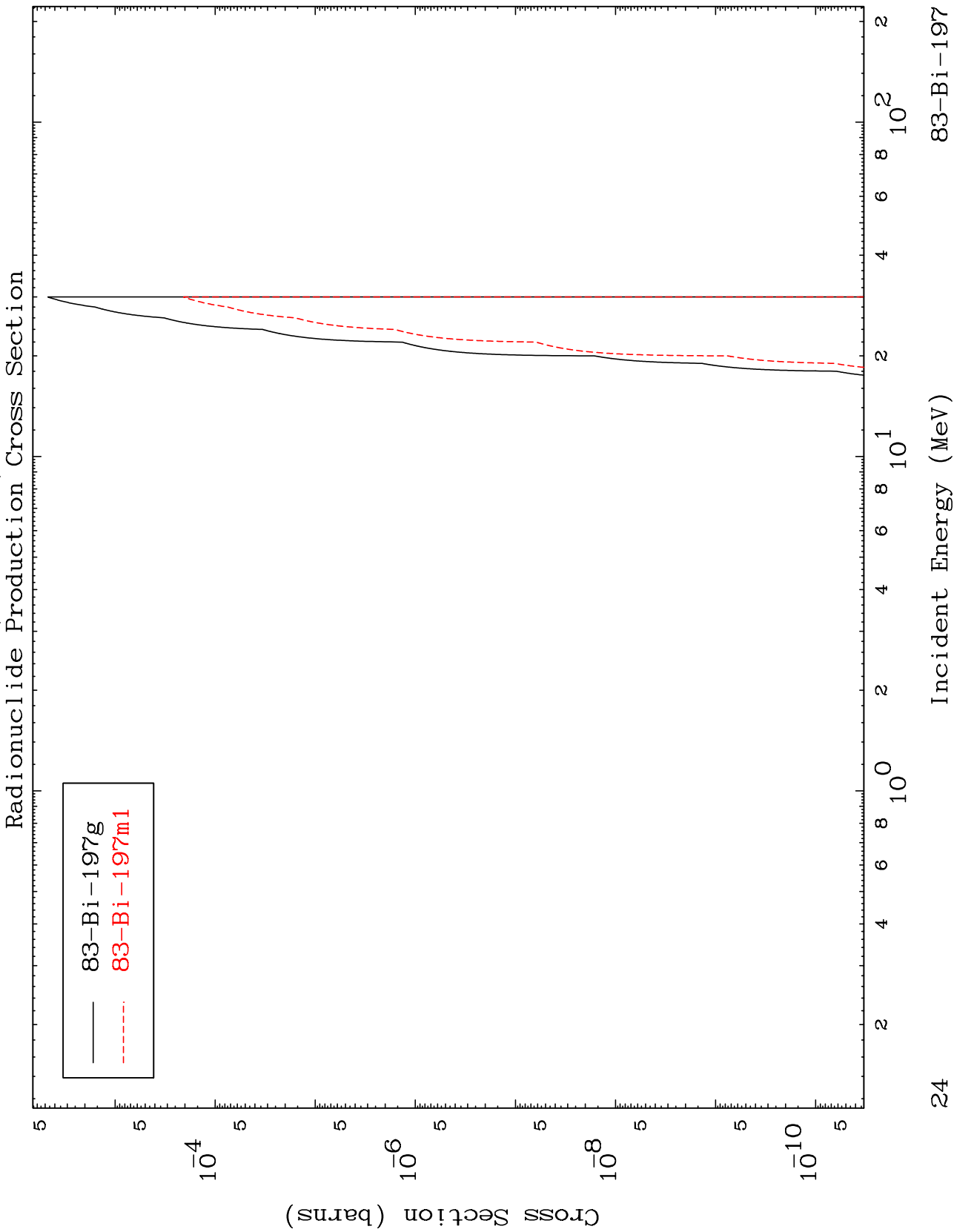
83-Bi-197



MAT 8290

(He-3, He-3)

83-Bi-197



24

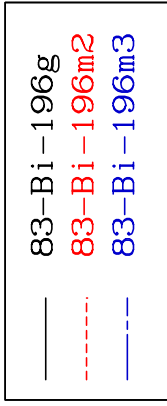
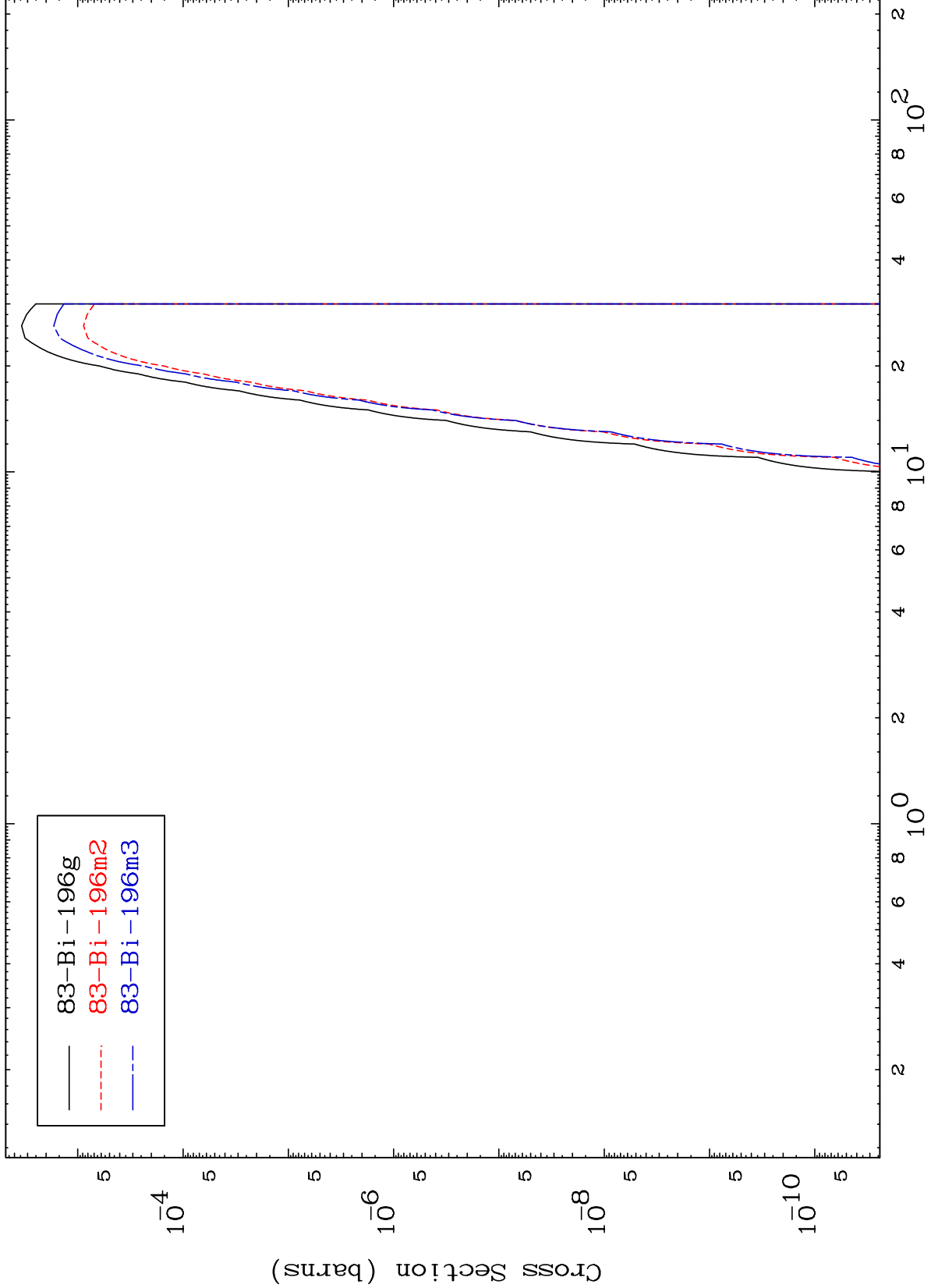
83-Bi-197

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(He-3,  $\alpha$ )

83-Bi-197

Radionuclide Production Cross Section

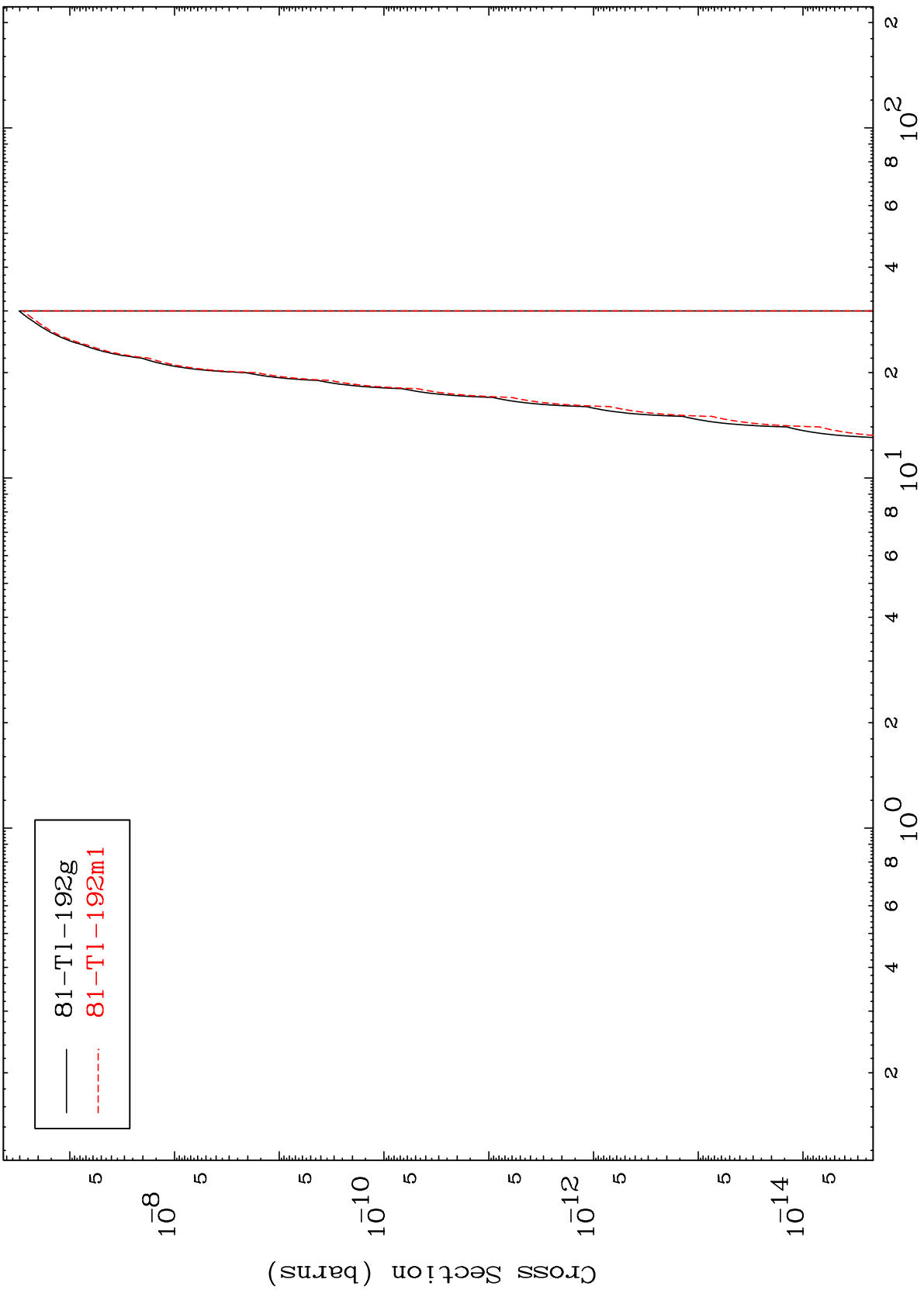


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(He-3, 2α)

83-Bi-197

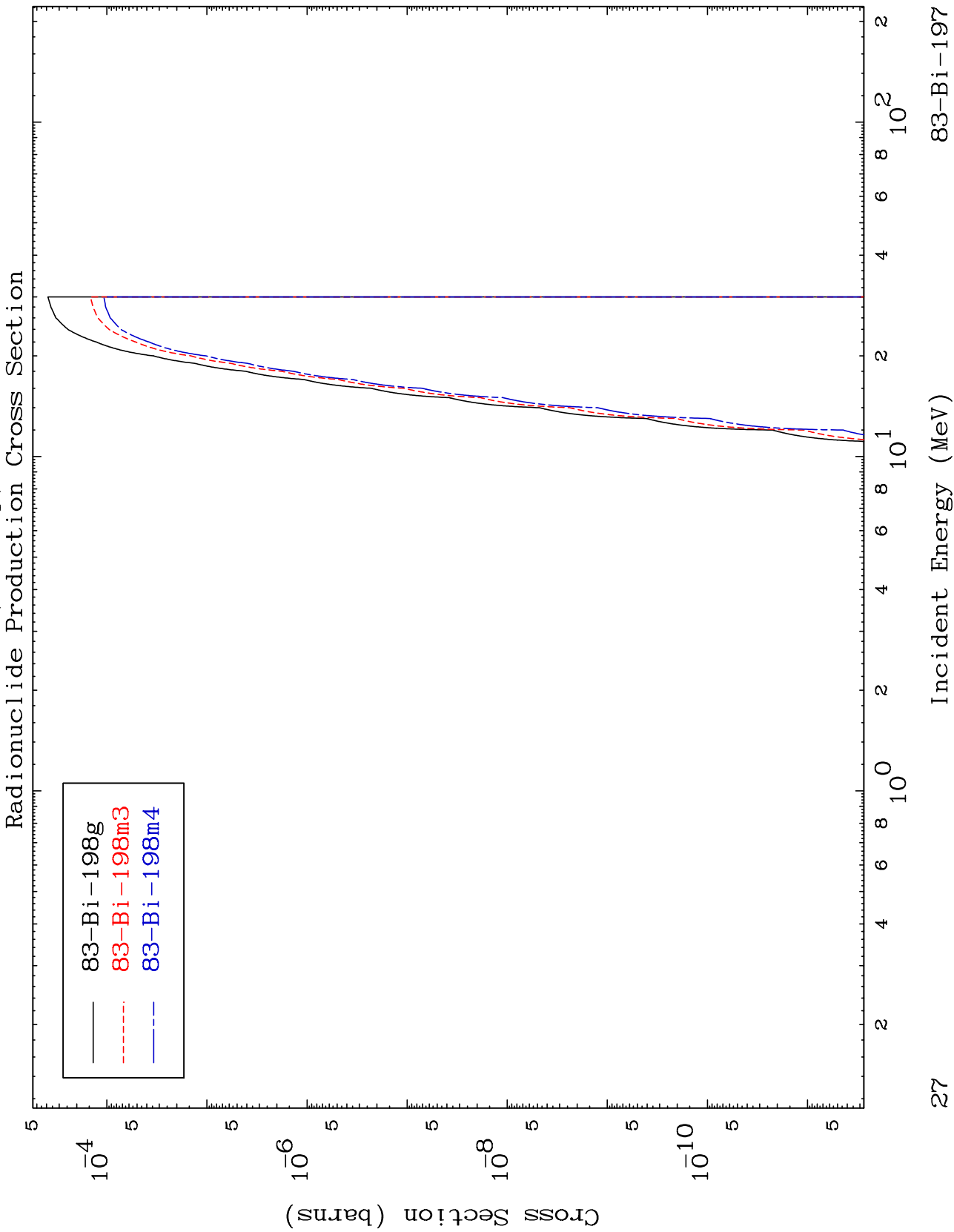
Radionuclide Production Cross Section



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(He-3,2p)

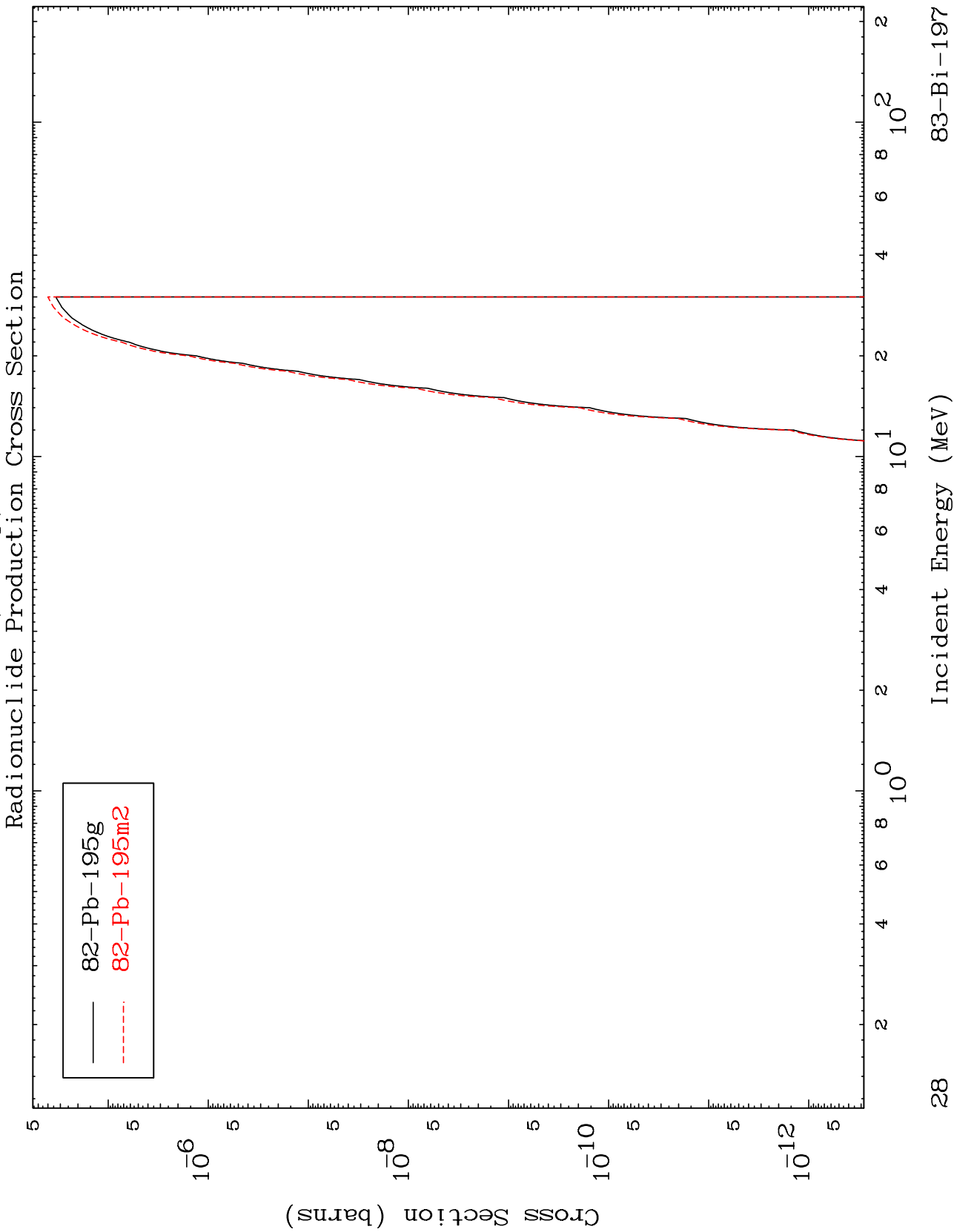
83-Bi-197



MAT 8290

(He-3, p)  $\alpha$

83-Bi-197

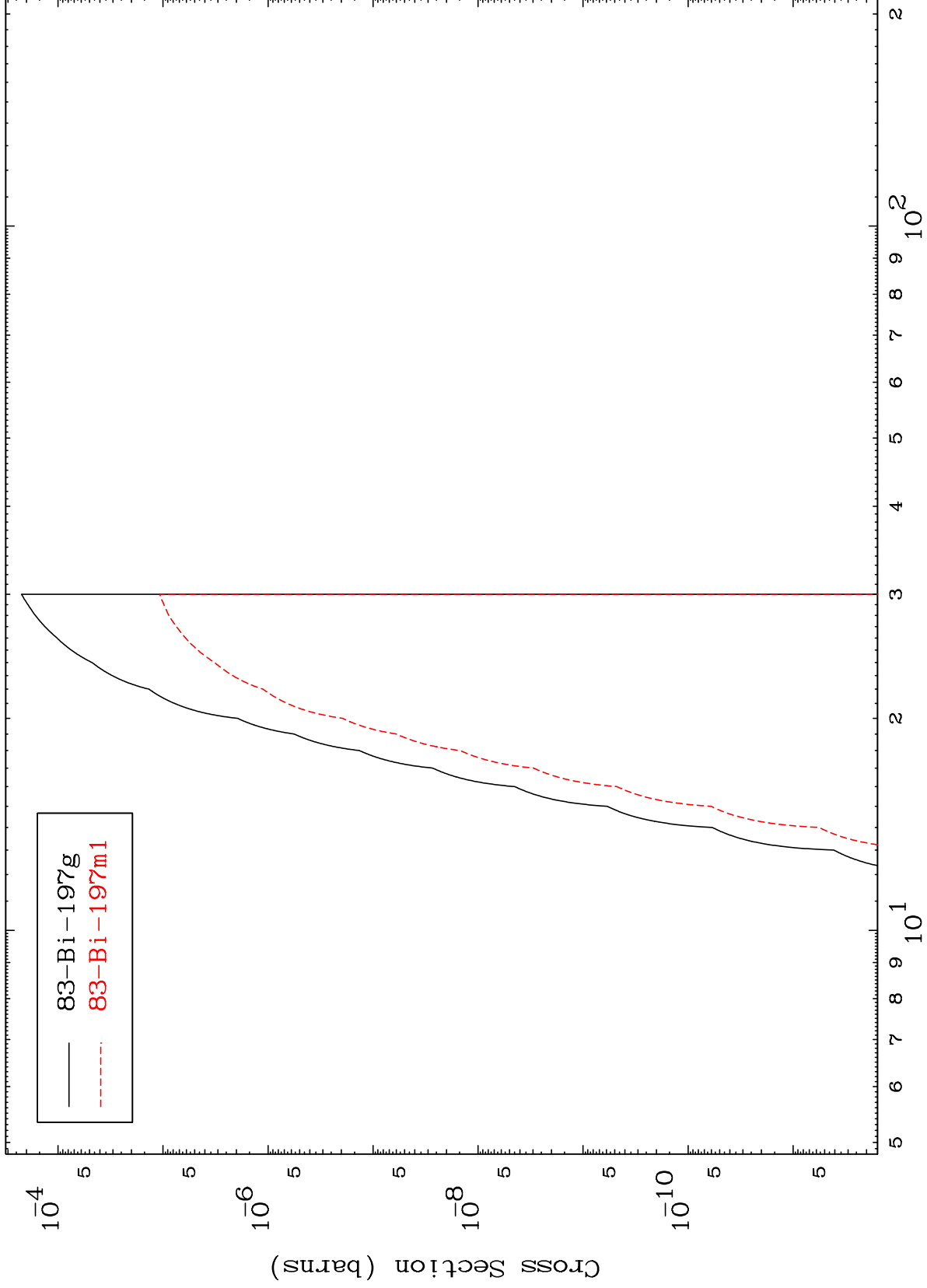


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(He-3,p) d

83-Bi-197

Radionuclide Production Cross Section



29

Incident Energy (MeV)

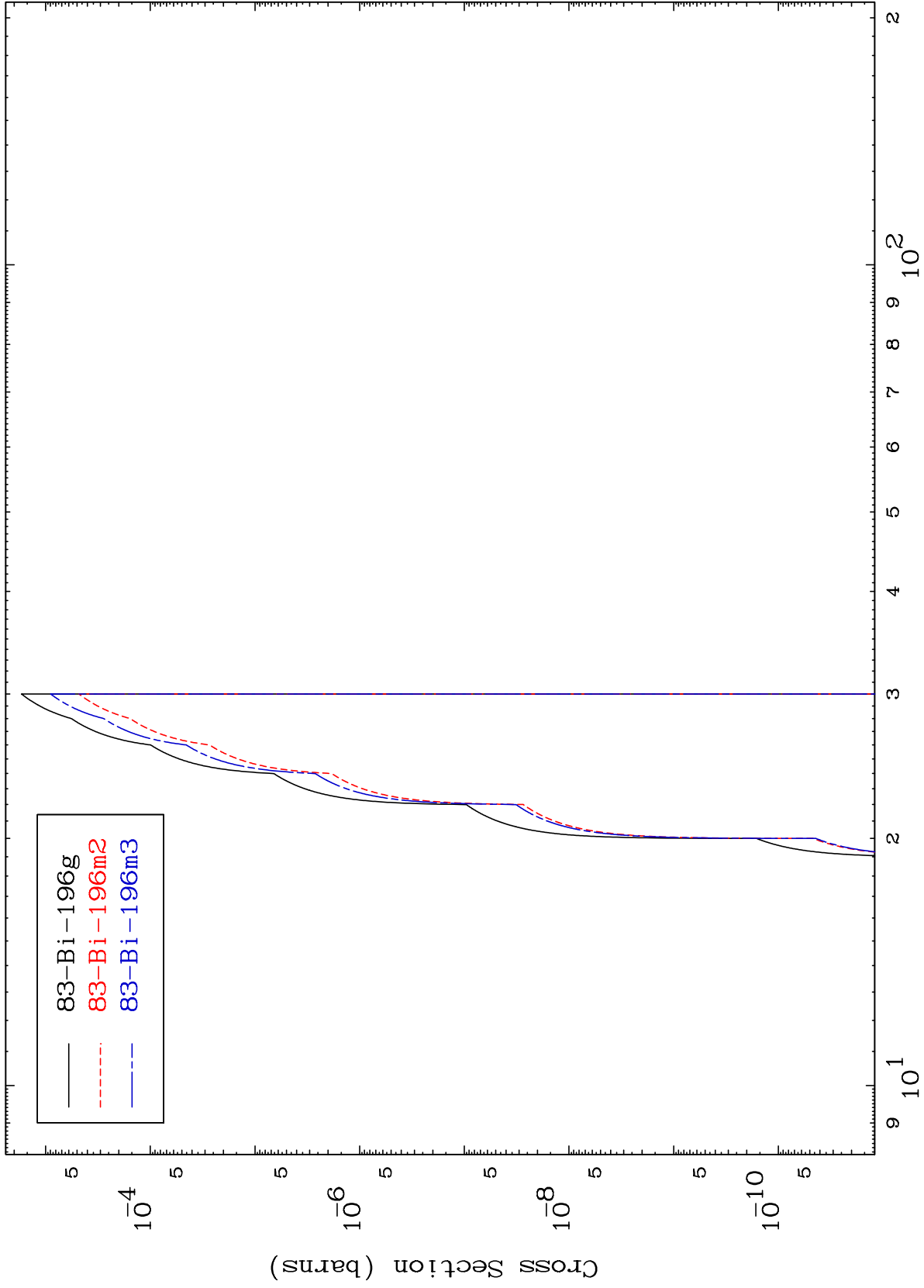
83-Bi-197

MAT 8290

(He-3,p) t

83-Bi-197

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-197

30