

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

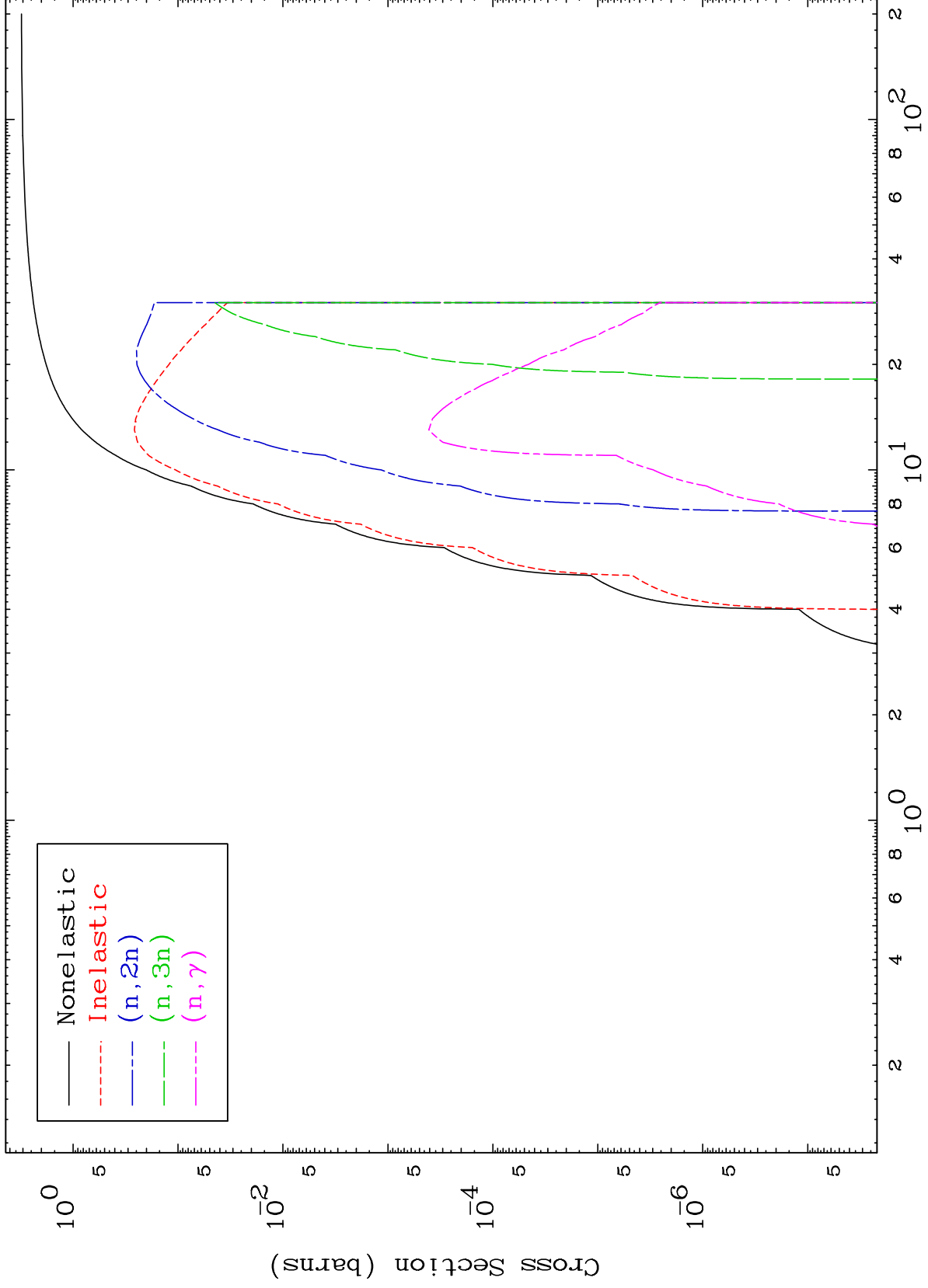
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

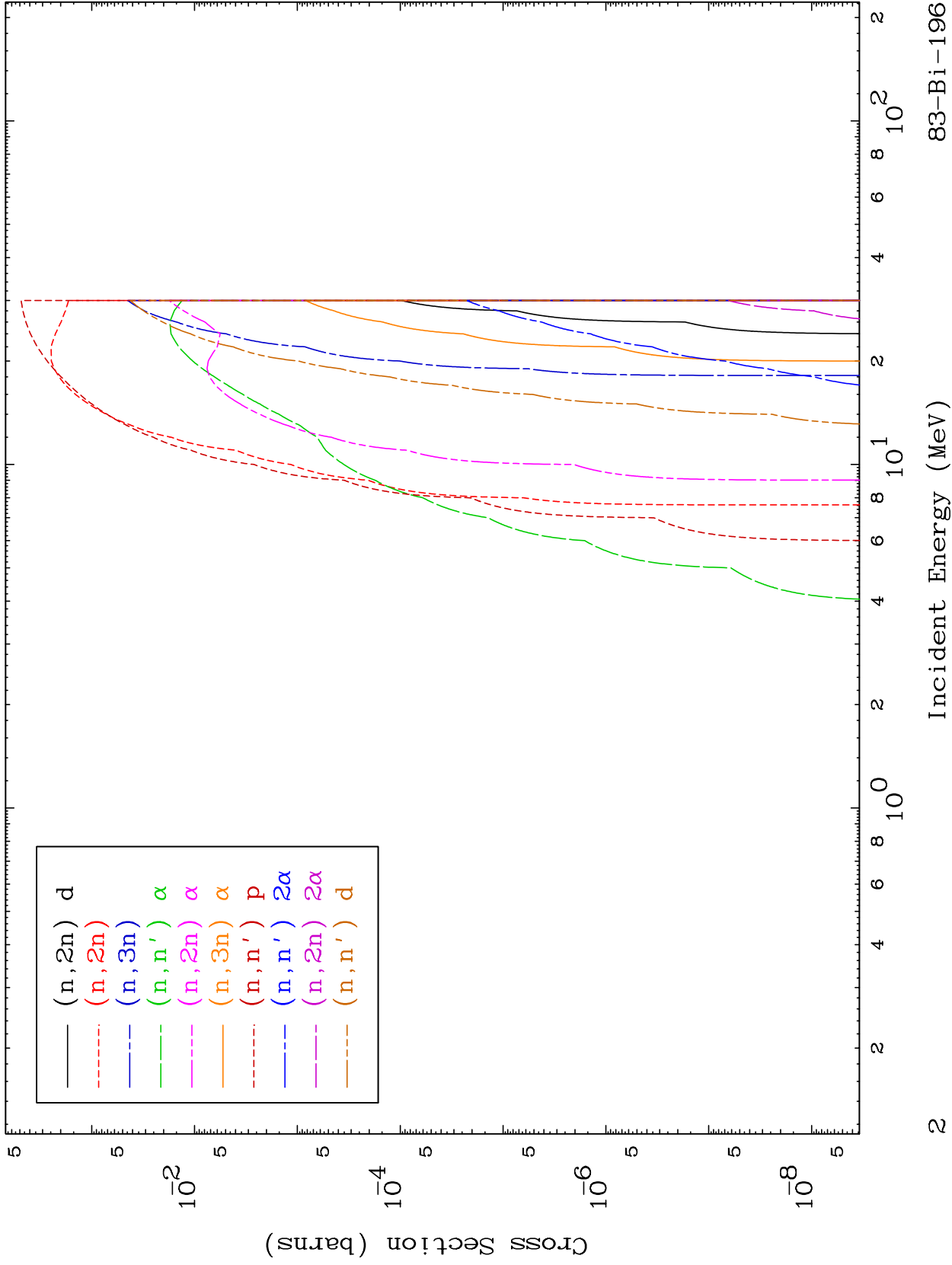
Tele: 925-443-1911

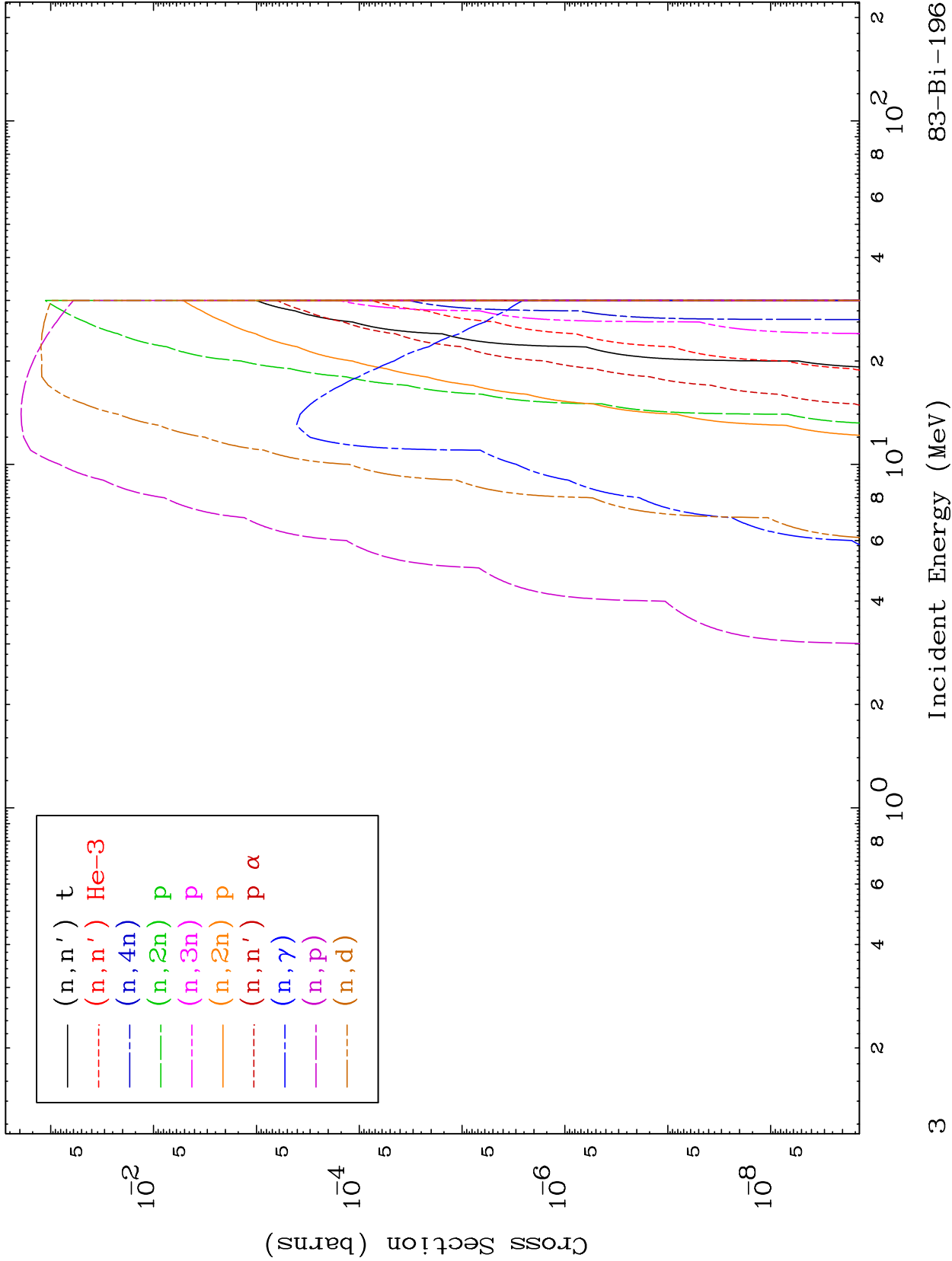
E.Mail:redcullen1@comcast.net

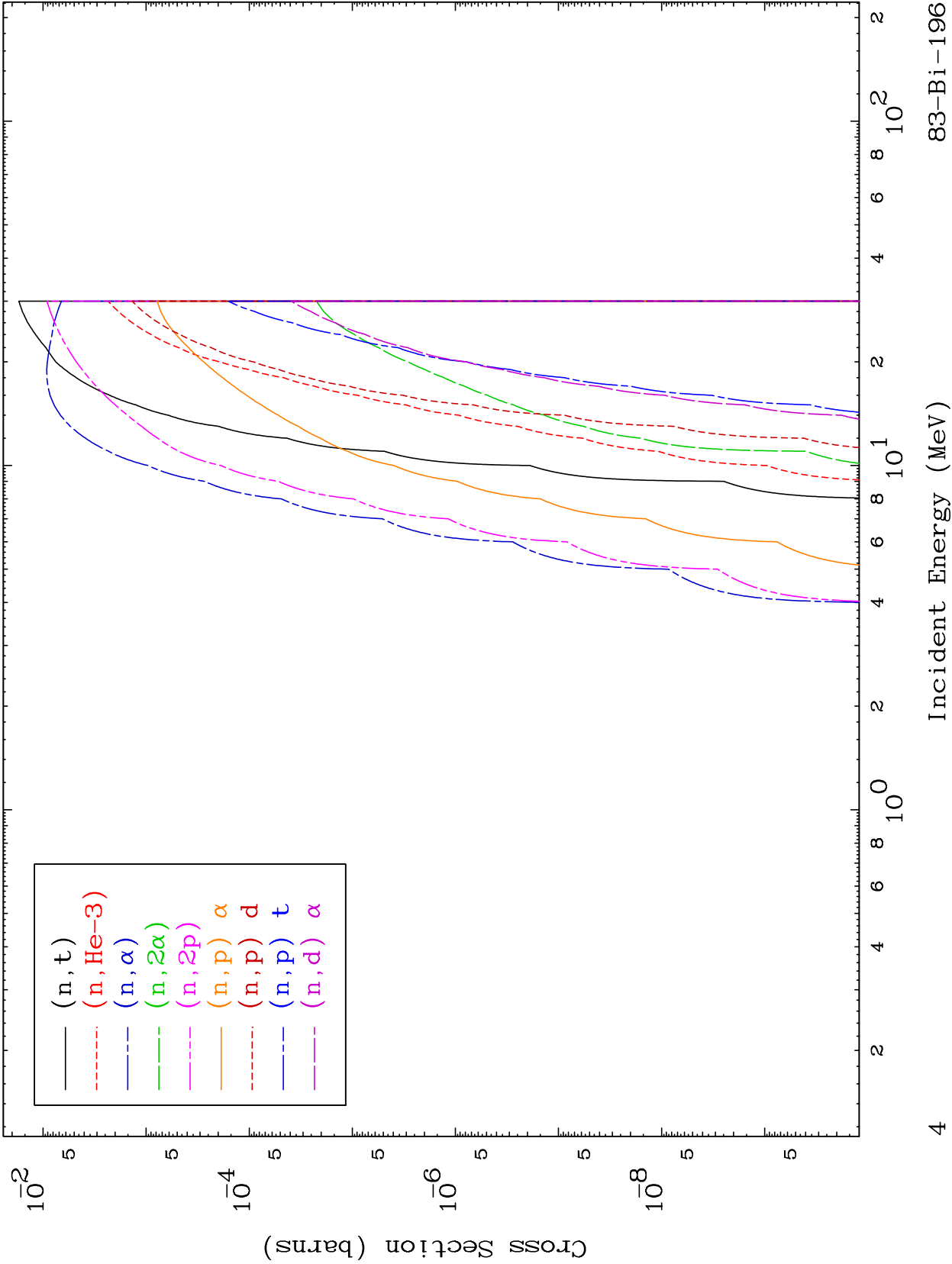
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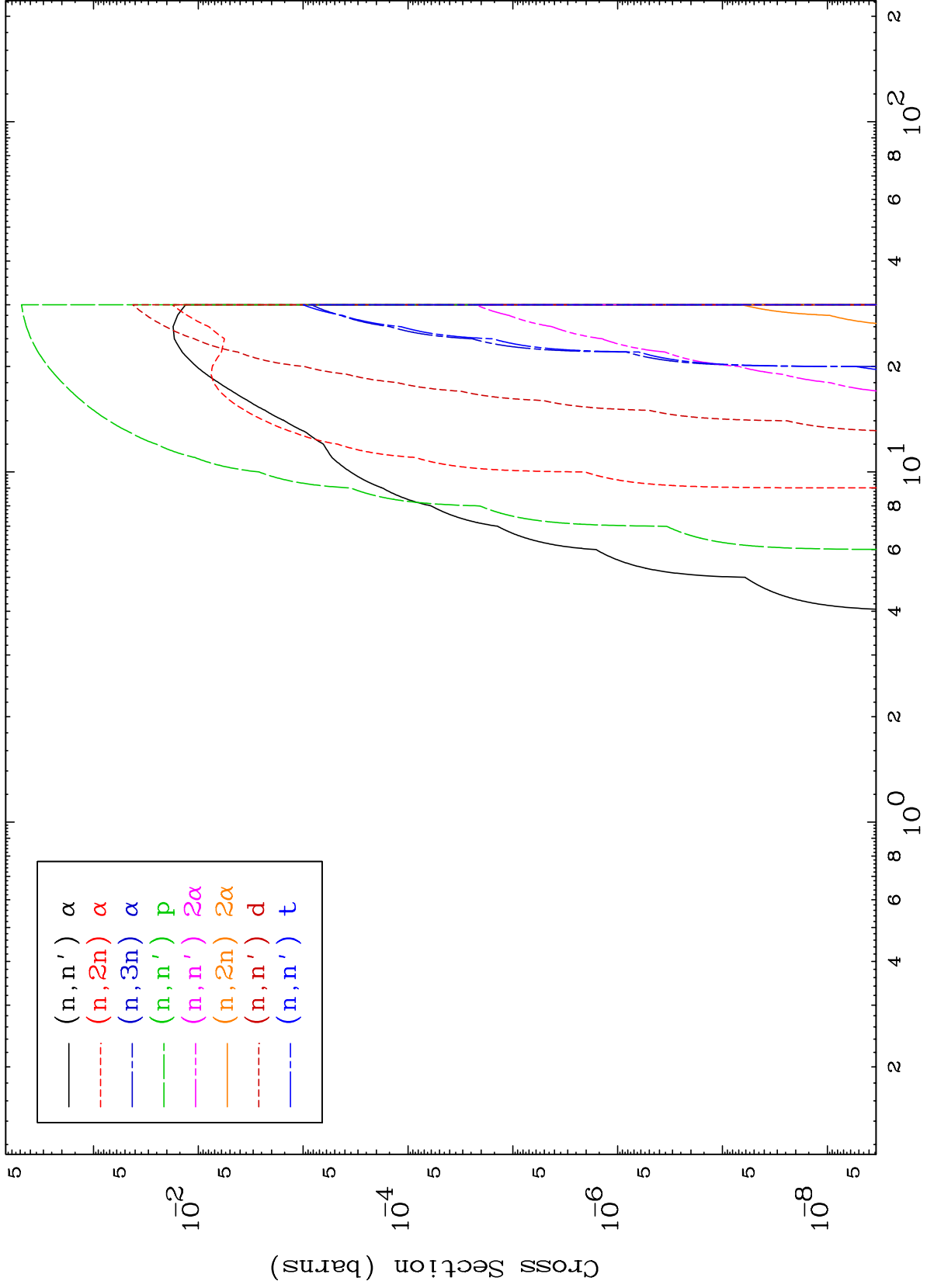
Press Mouse Button to Start

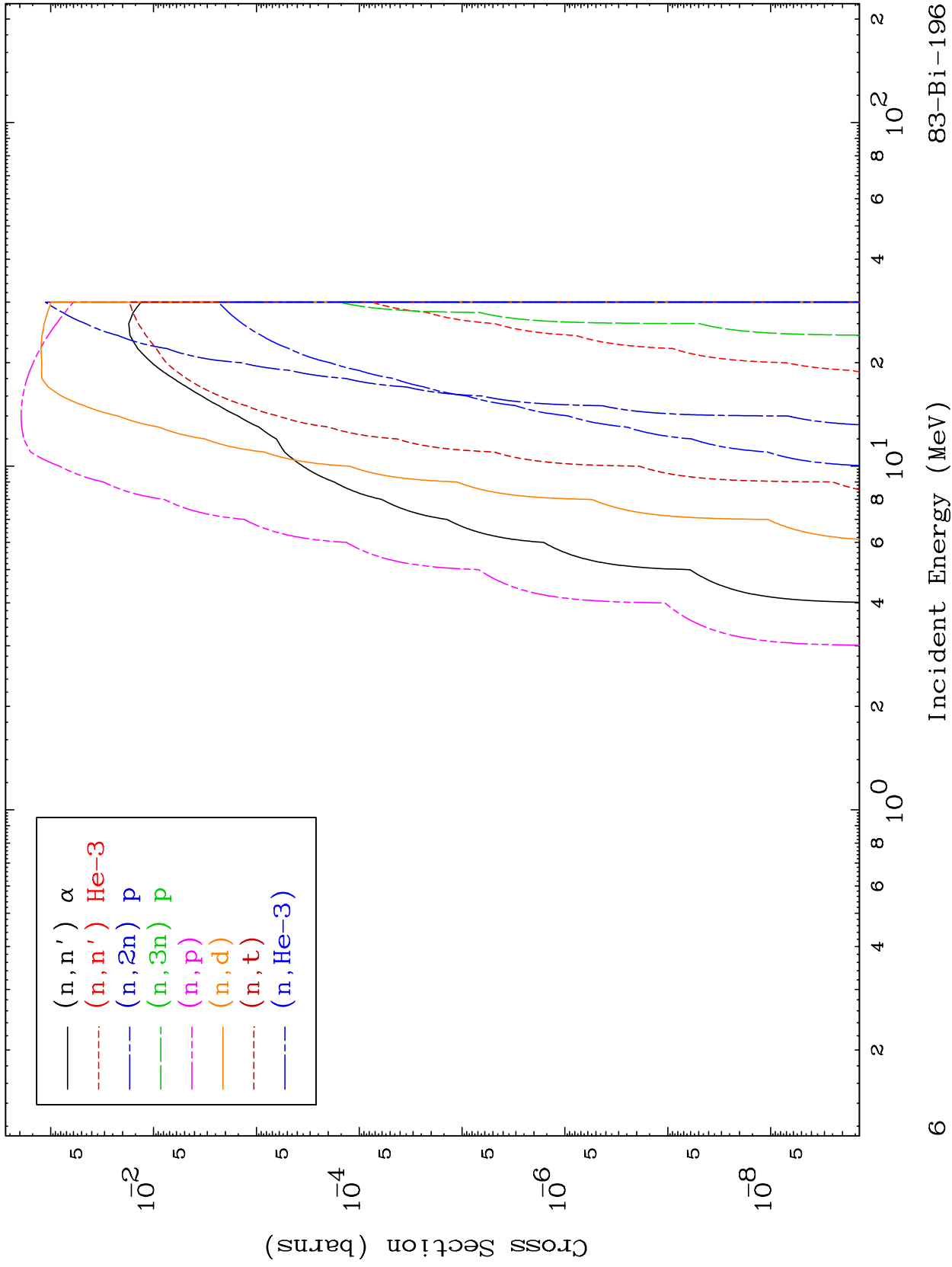


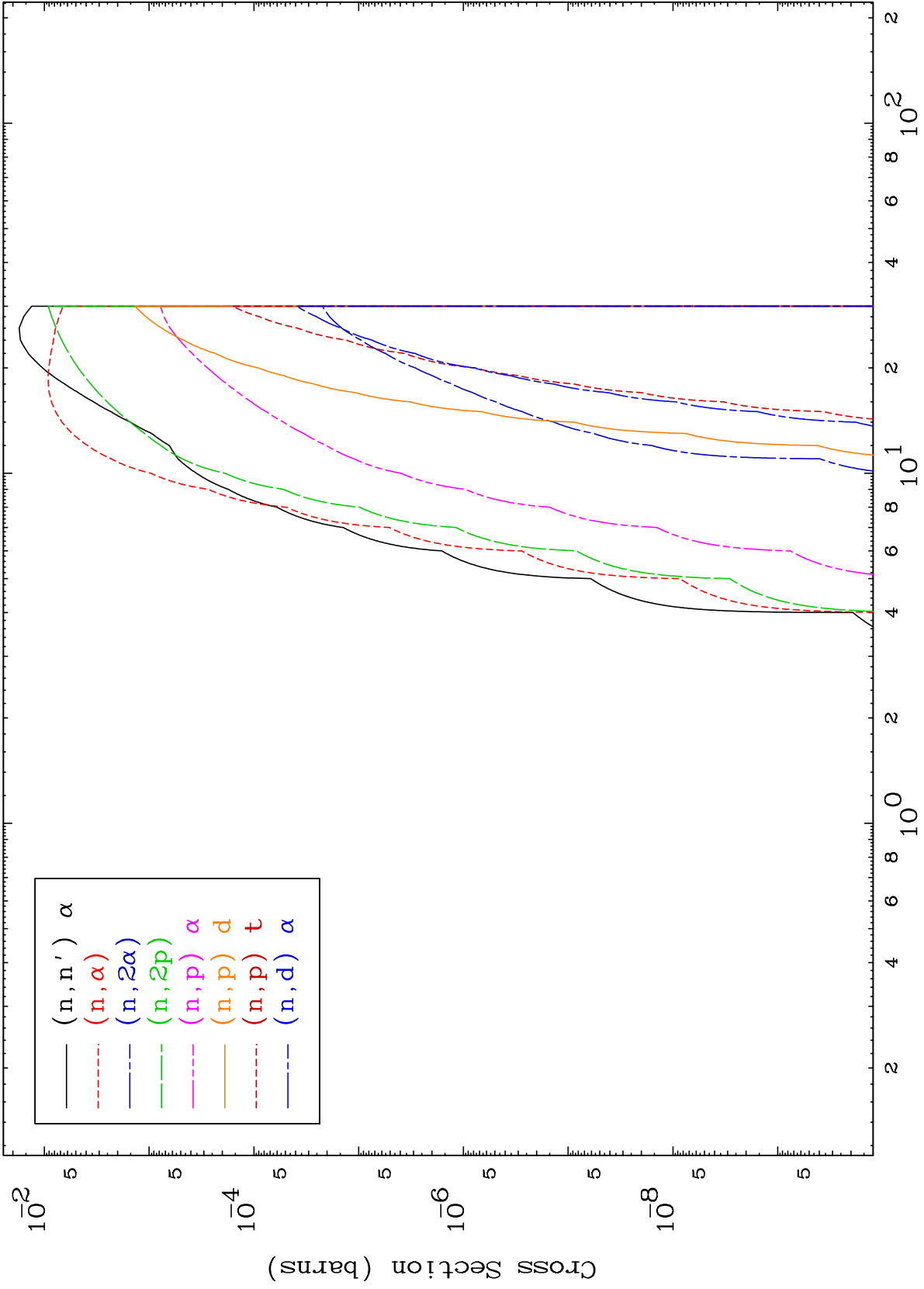












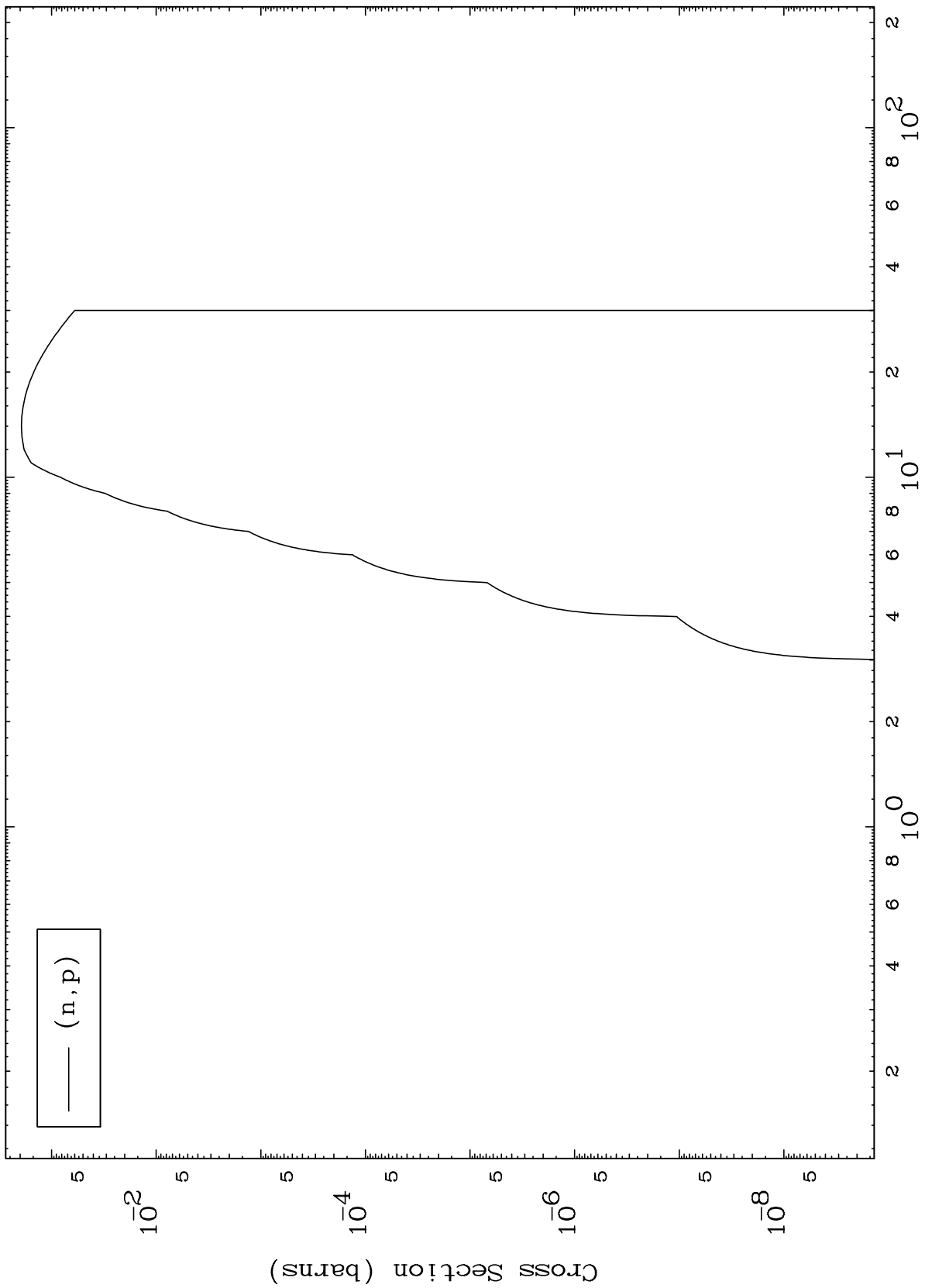


MAT 8286

(d,p) Levels

83-Bi-196

0 Kelvin Cross Sections



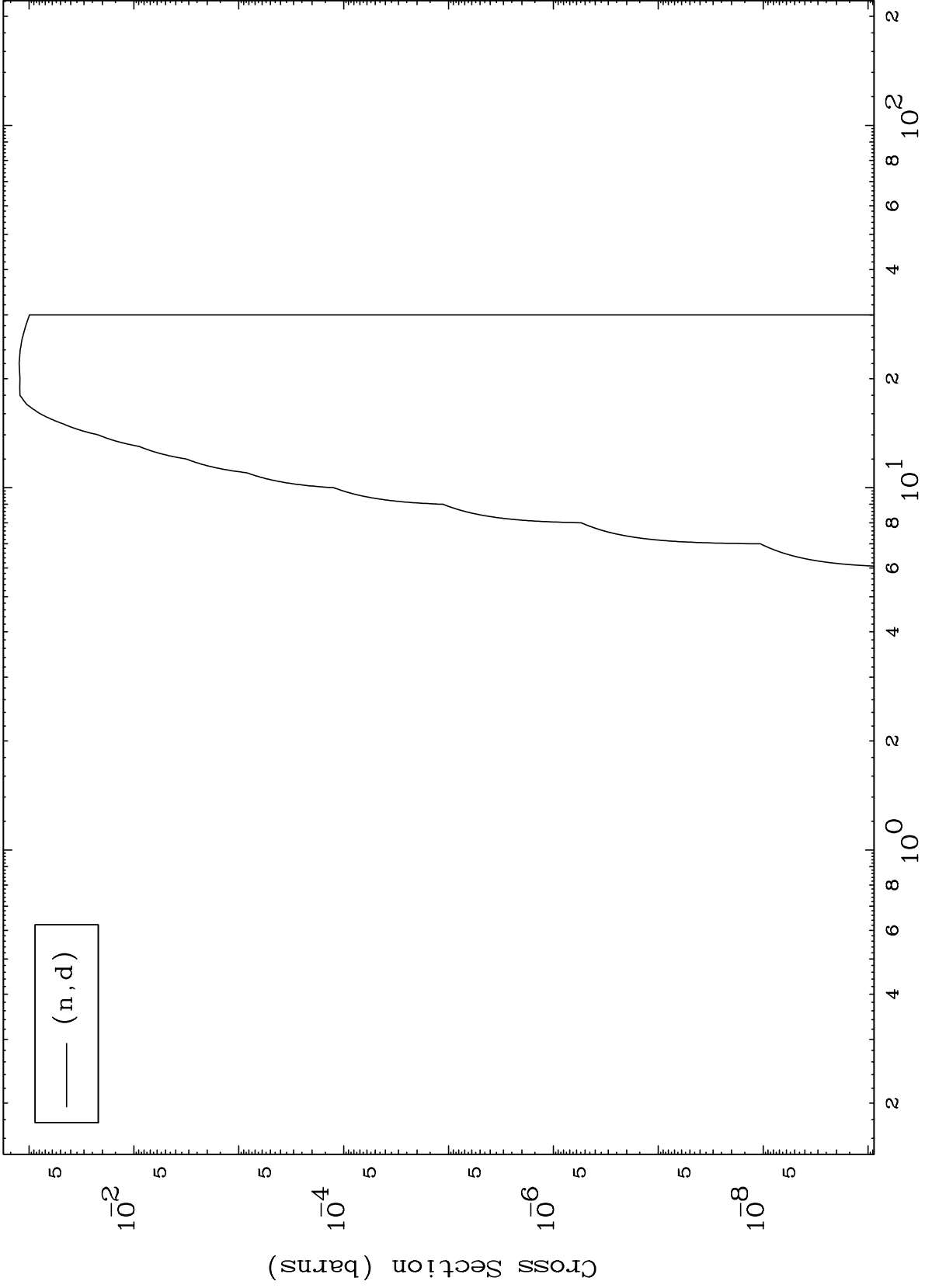
(n,p)

MAT 8286

(d,d) Levels

83-Bi-196

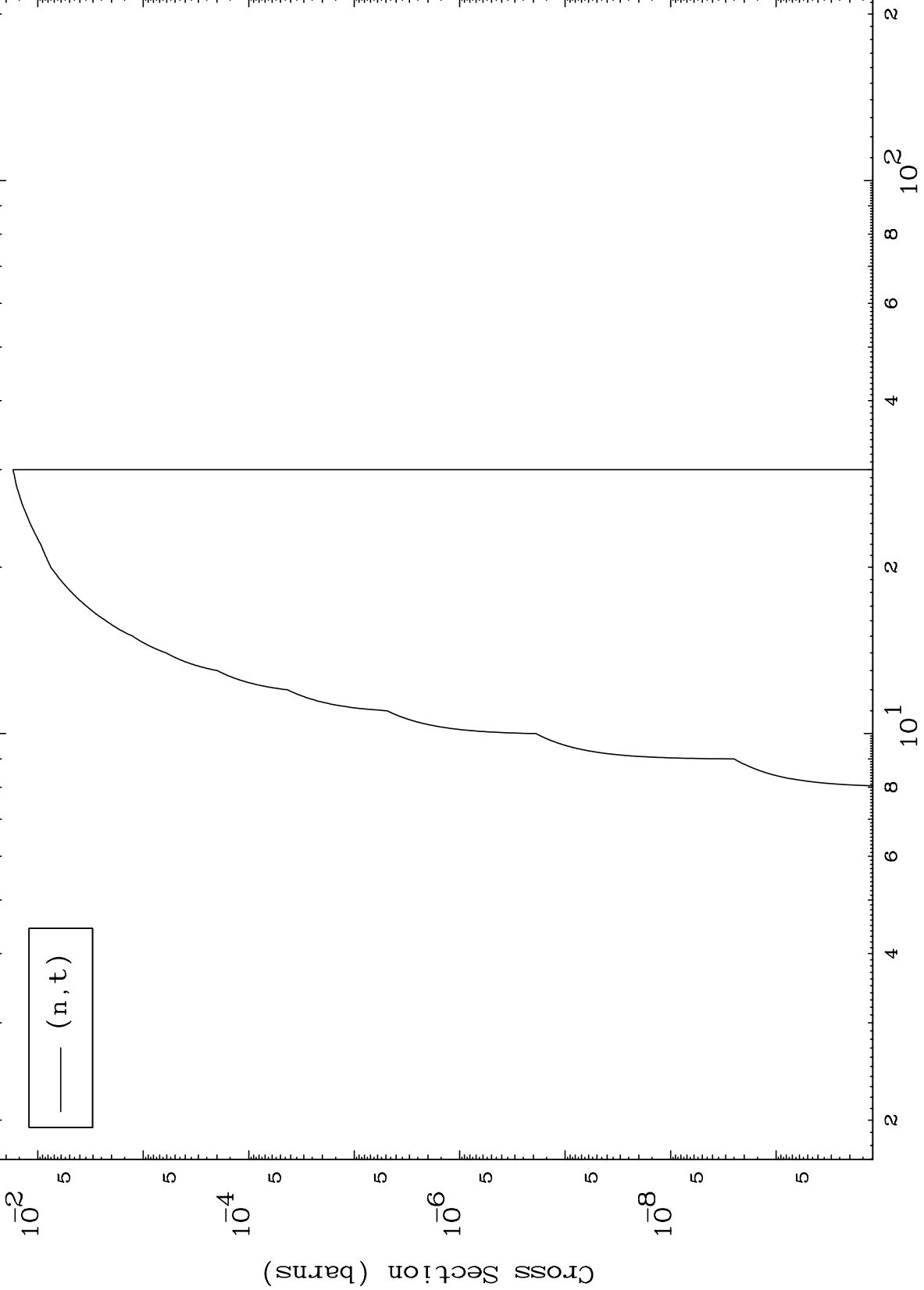
0 Kelvin Cross Sections



MAT 8286

(d,t) Levels  
0 Kelvin Cross Sections

83-Bi-196



10

Incident Energy (MeV)

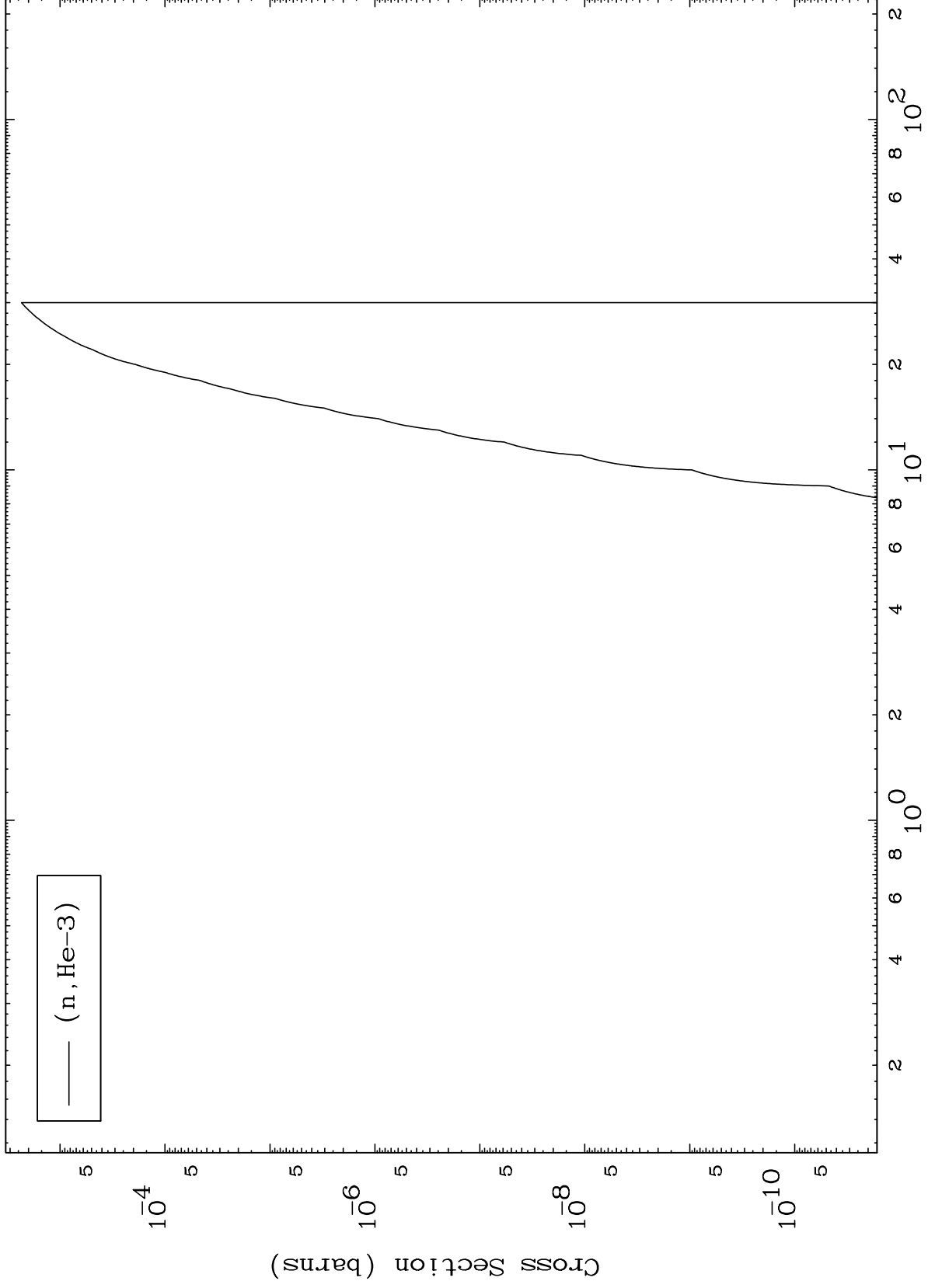
83-Bi-196

MAT 8286

(d,He3) Levels

83-Bi-196

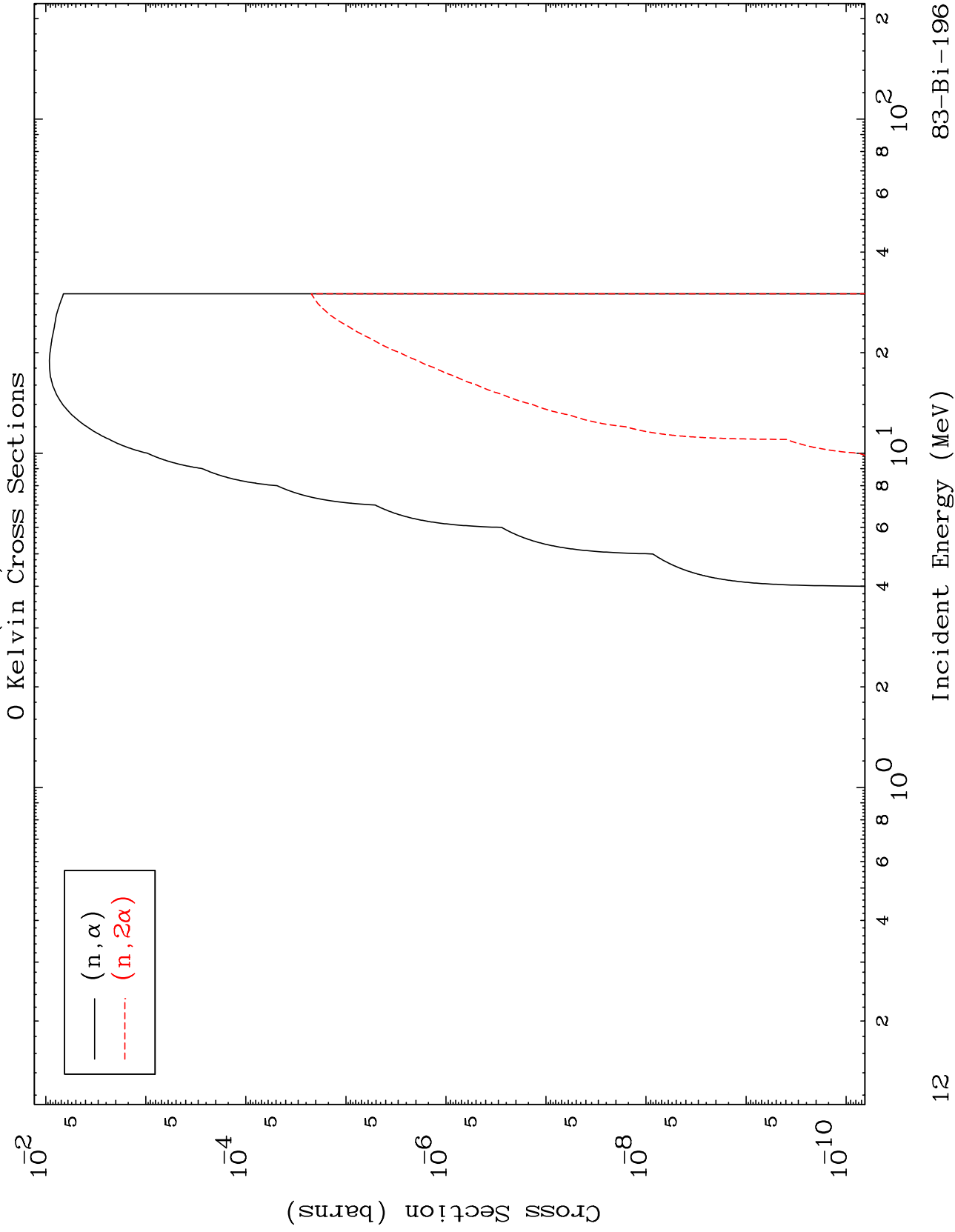
0 Kelvin Cross Sections



MAT 8286

(d,  $\alpha$ ) Levels

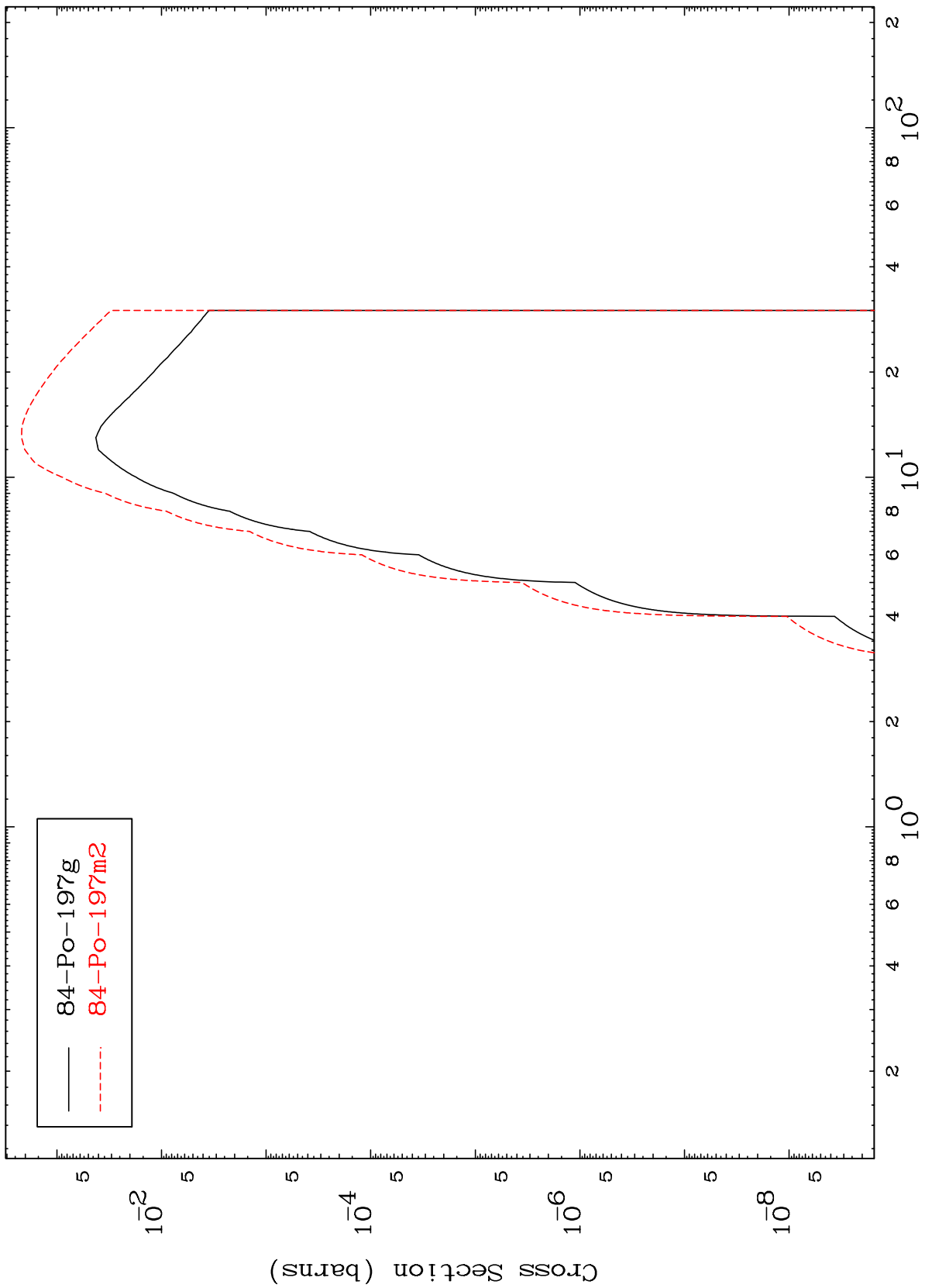
83-Bi-196



MAT 8286

83-Bi-196

Inelastic  
Radionuclide Production Cross Section



83-Bi-196

Incident Energy (MeV)

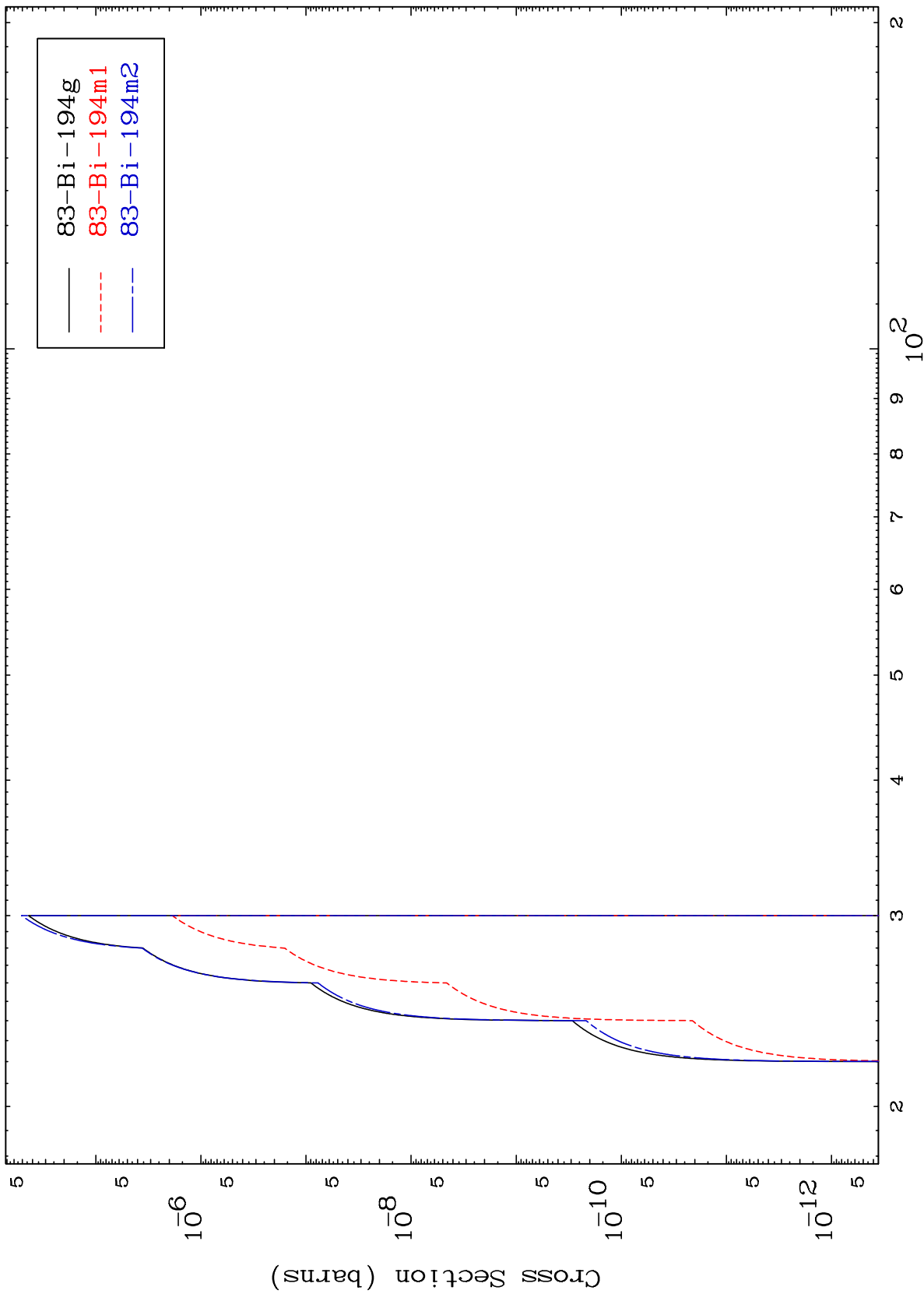
13

MAT 8286

(n,2n) d

83-Bi-196

Radionuclide Production Cross Section



14

Incident Energy (MeV)

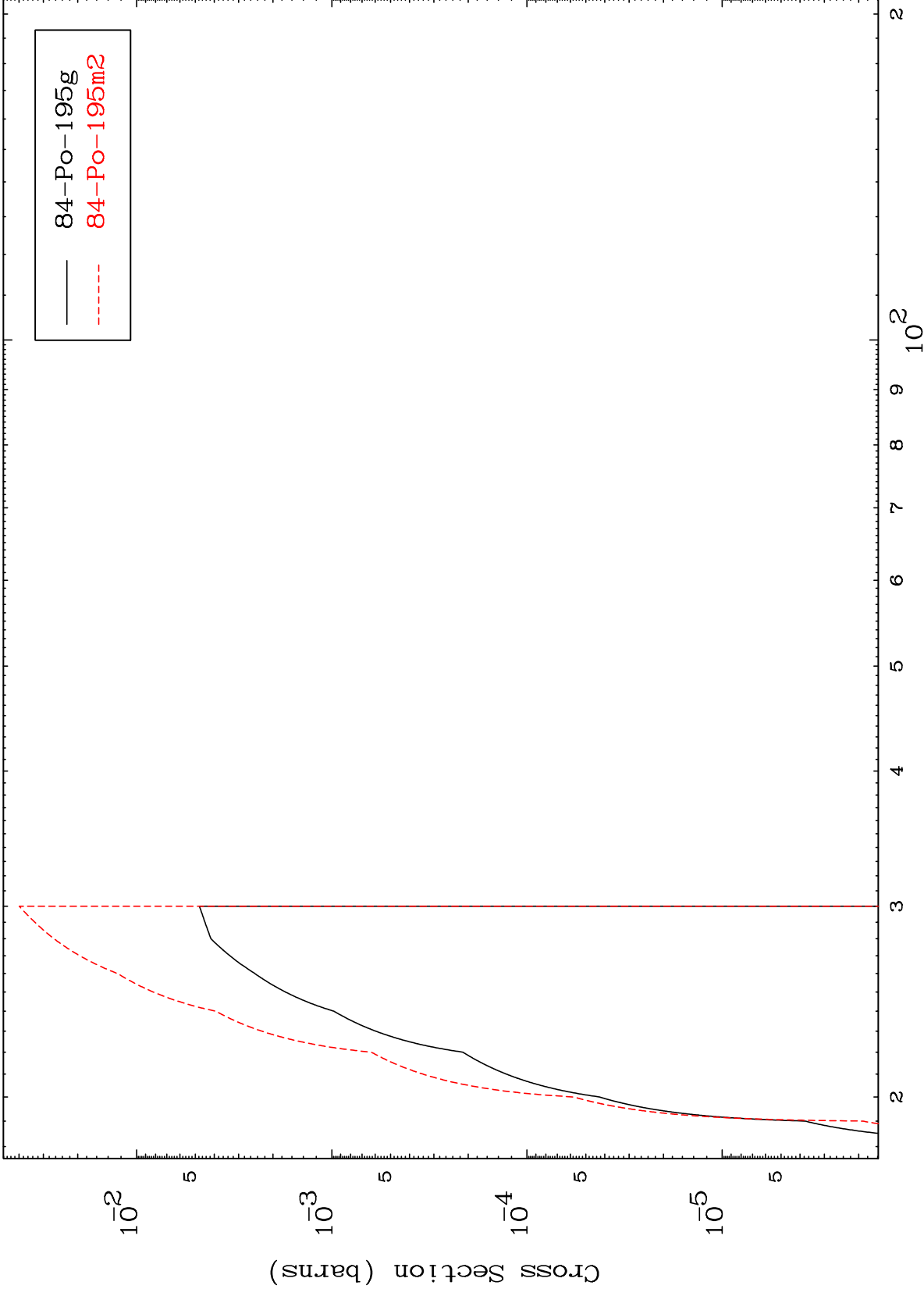
83-Bi-196

MAT 8286

(n,3n)

83-Bi-196

Radionuclide Production Cross Section



15

Incident Energy (MeV)

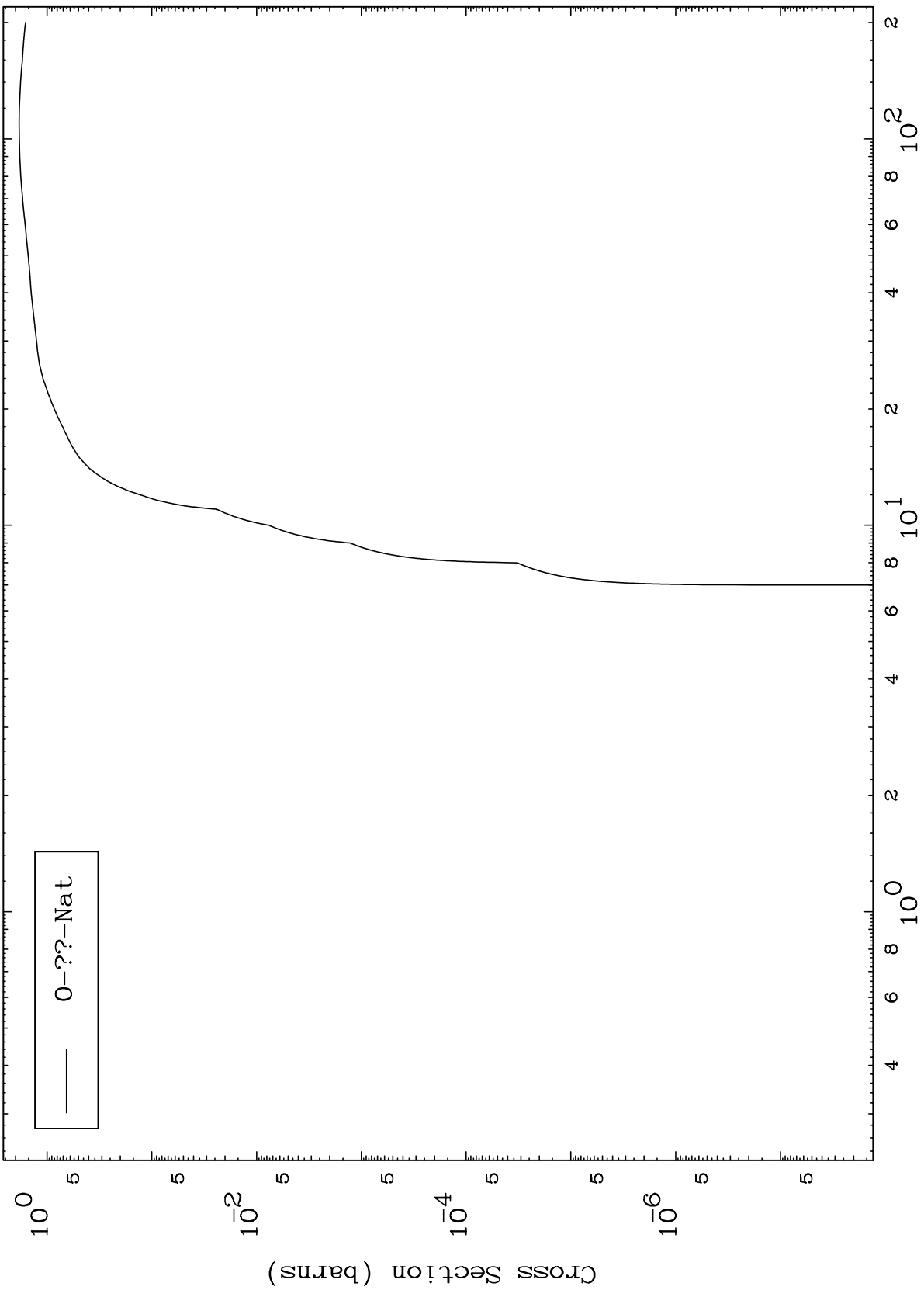
83-Bi-196



MAT 8286

83-Bi-196

Fission  
Radionuclide Production Cross Section



83-Bi-196

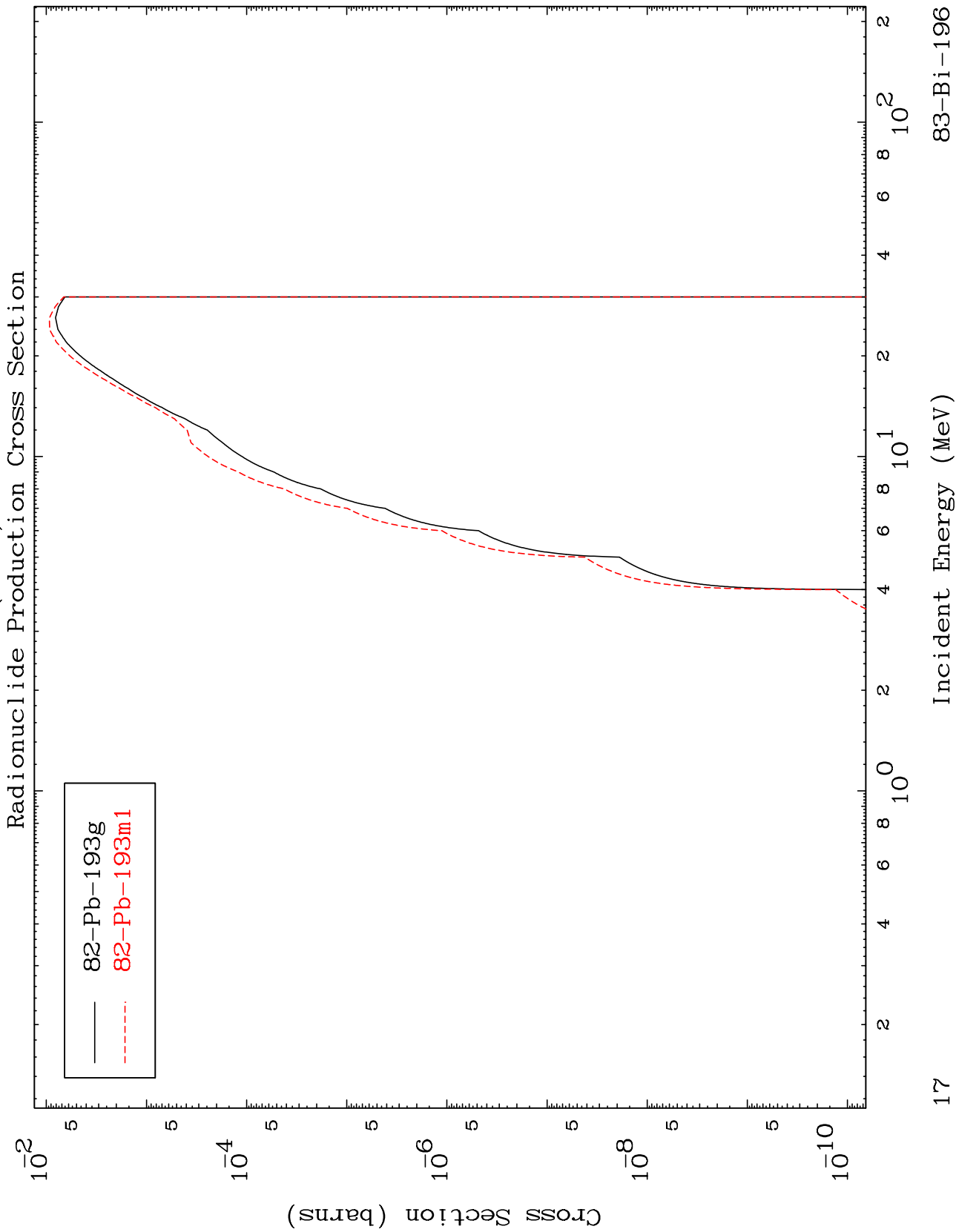
Incident Energy (MeV)

16

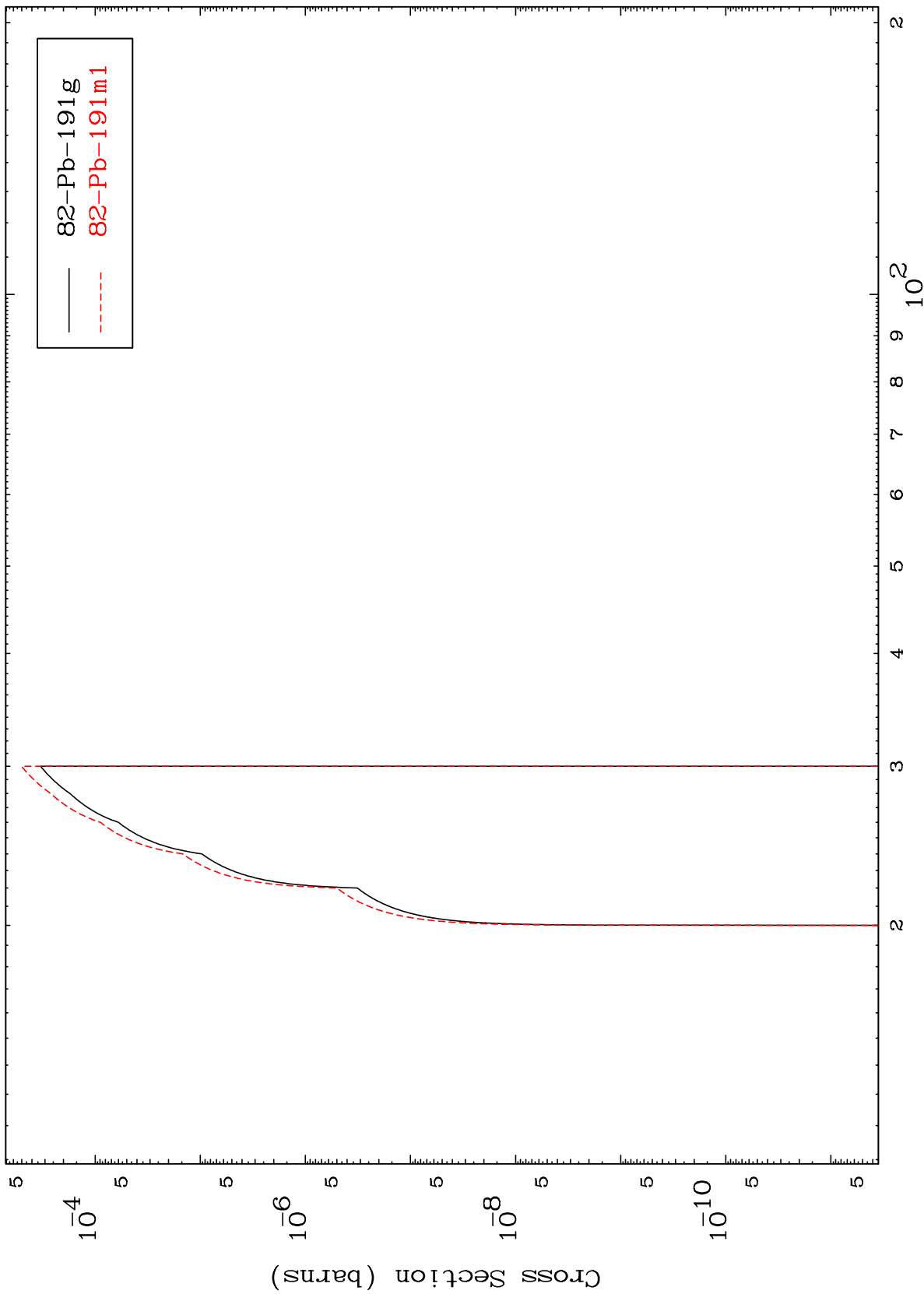
MAT 8286

$(n, n') \alpha$

83-Bi-196



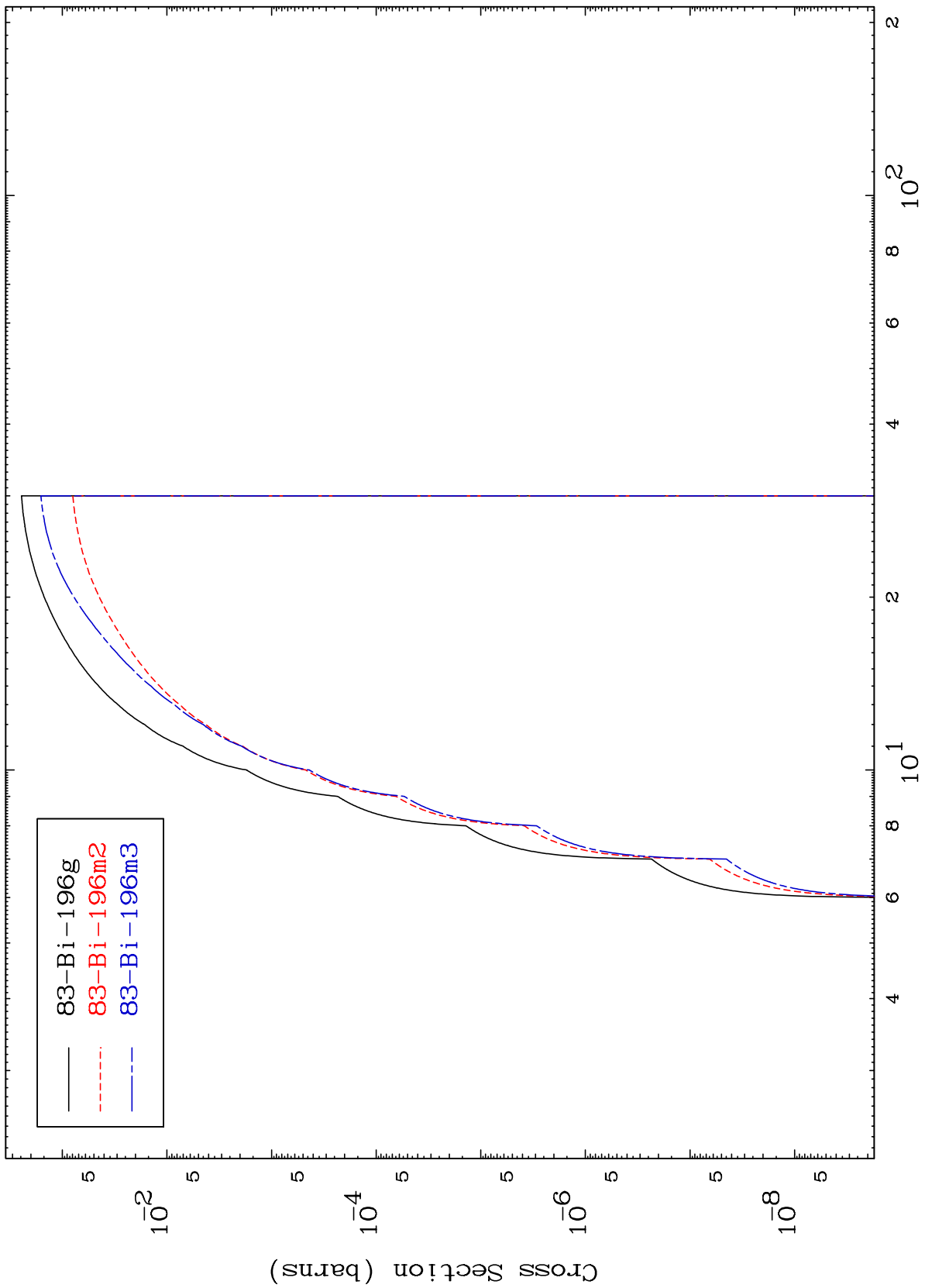
Radionuclide Production Cross Section



MAT 8286

83-Bi-196

(n,n') p  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

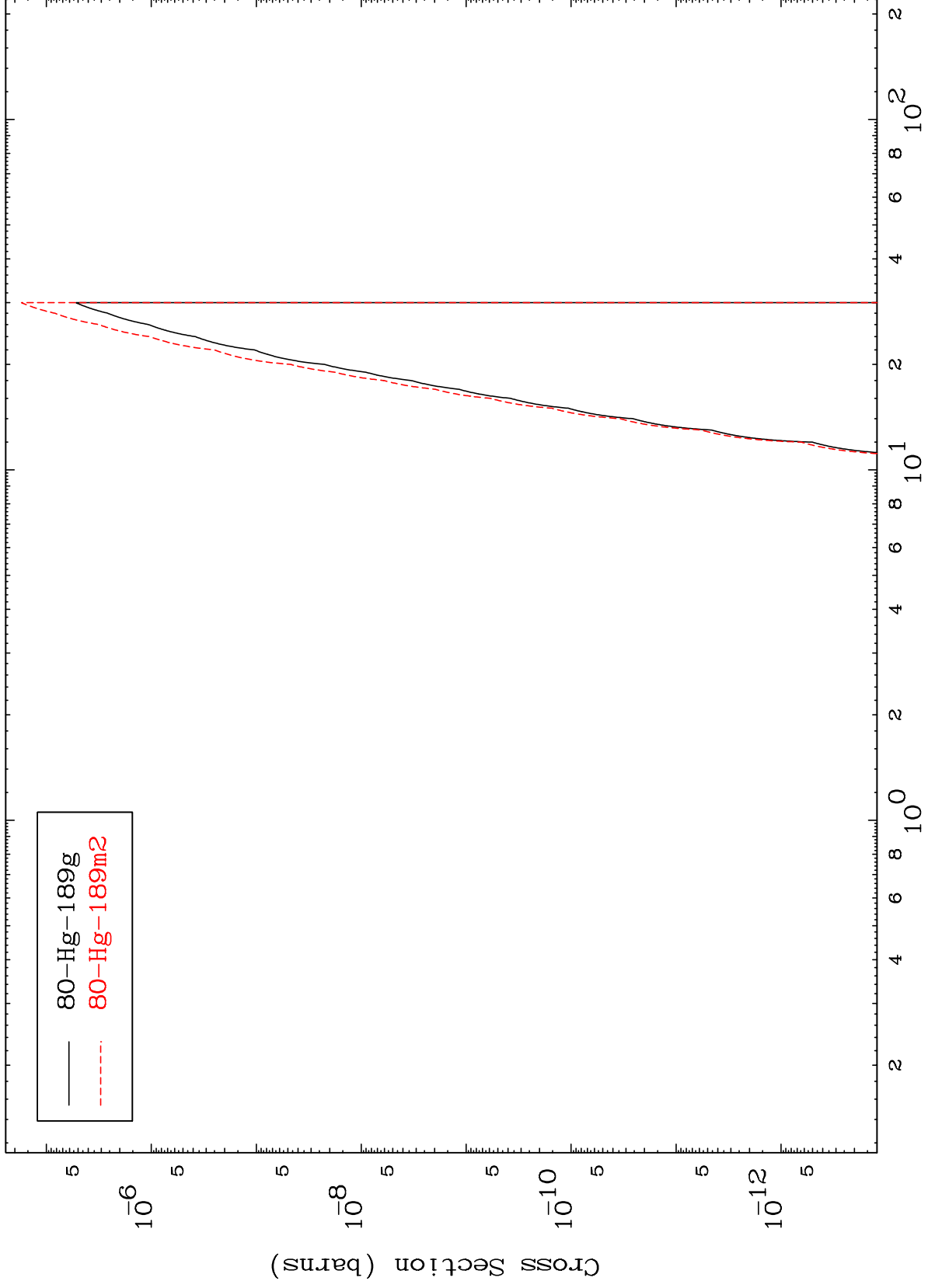
83-Bi-196

MAT 8286

(n,n') 2 $\alpha$

83-Bi-196

Radionuclide Production Cross Section



20

Incident Energy (MeV)

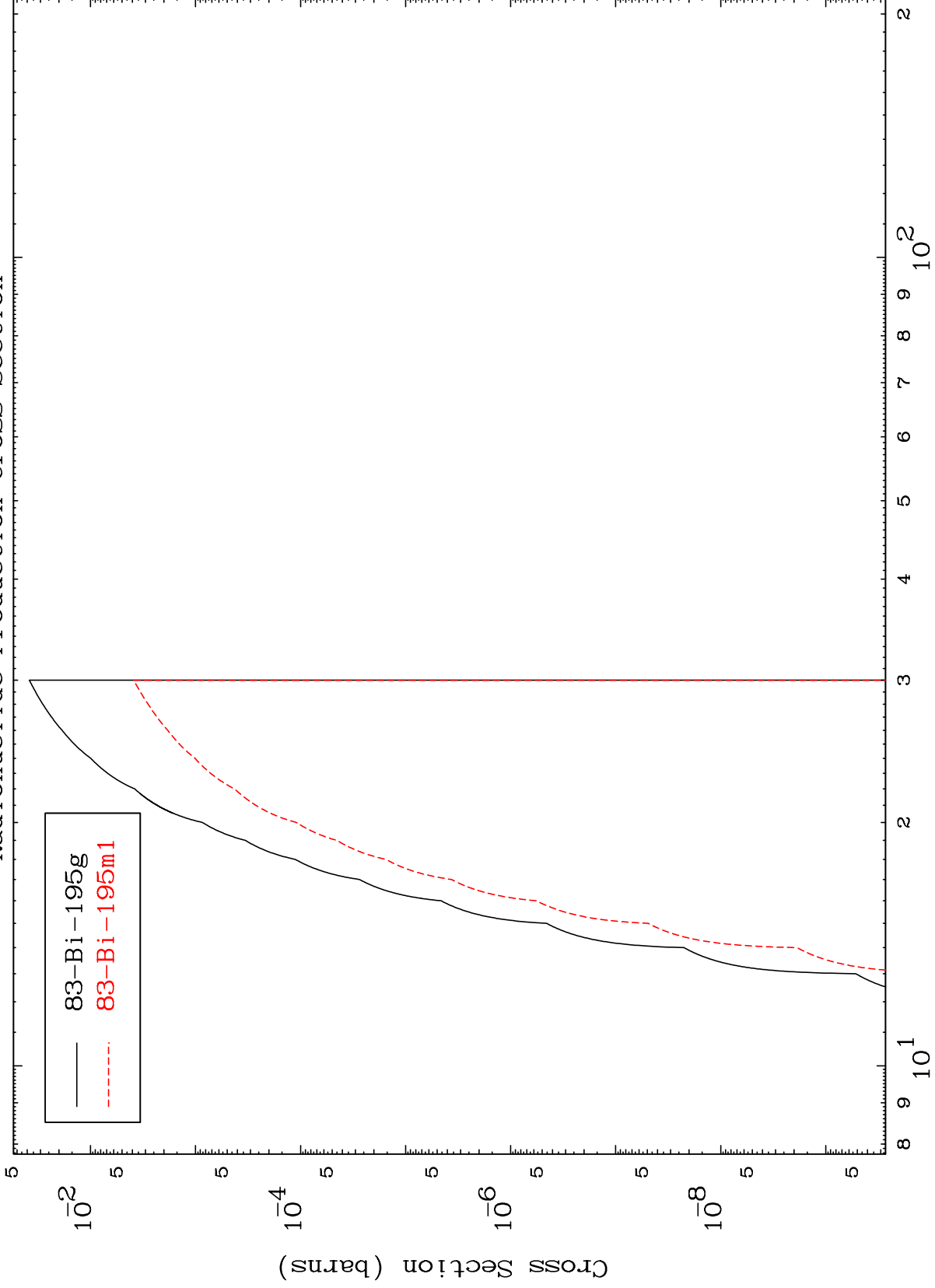
83-Bi-196

MAT 8286

(n,n') d

83-Bi-196

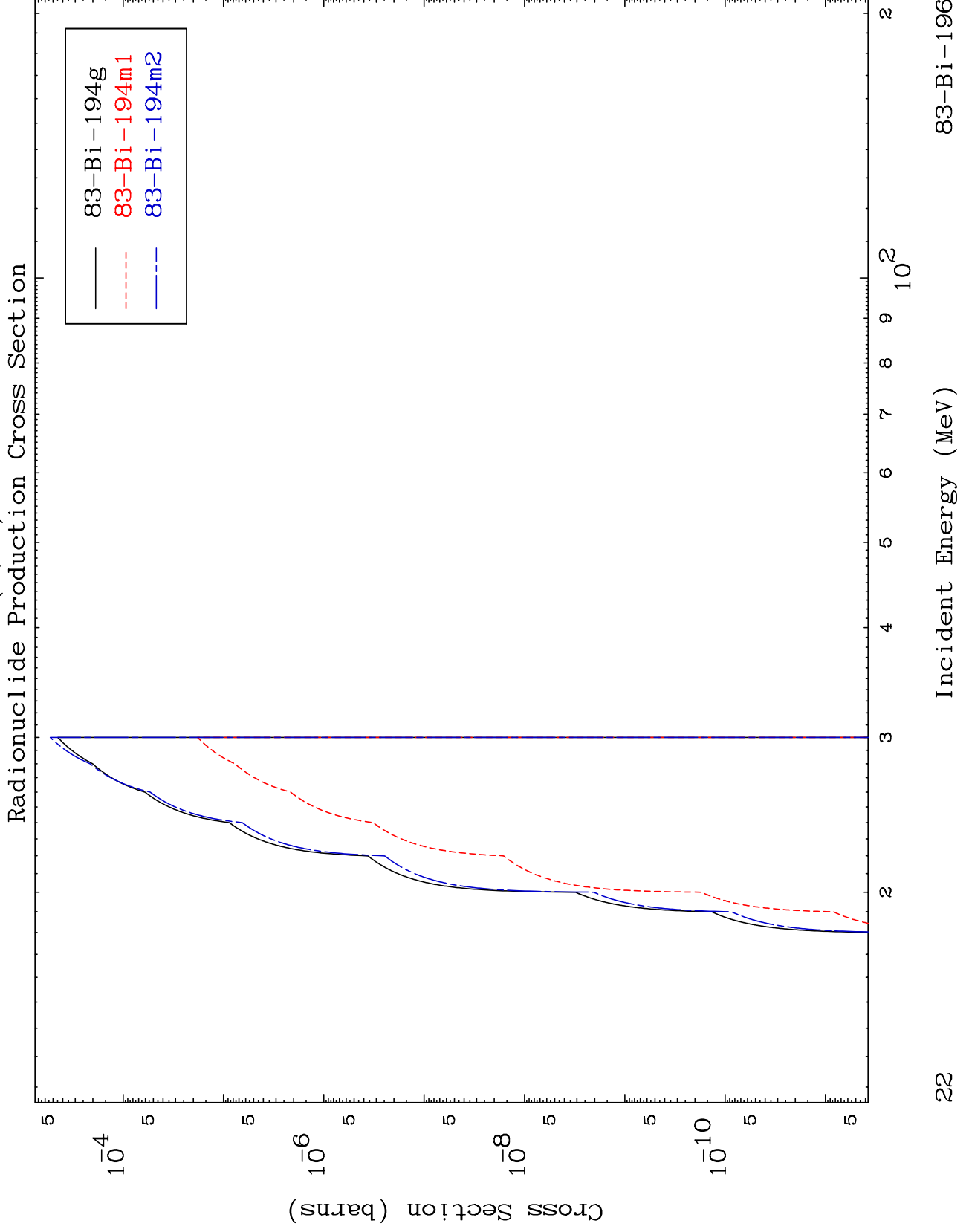
Radionuclide Production Cross Section



21

Incident Energy (MeV)

83-Bi-196

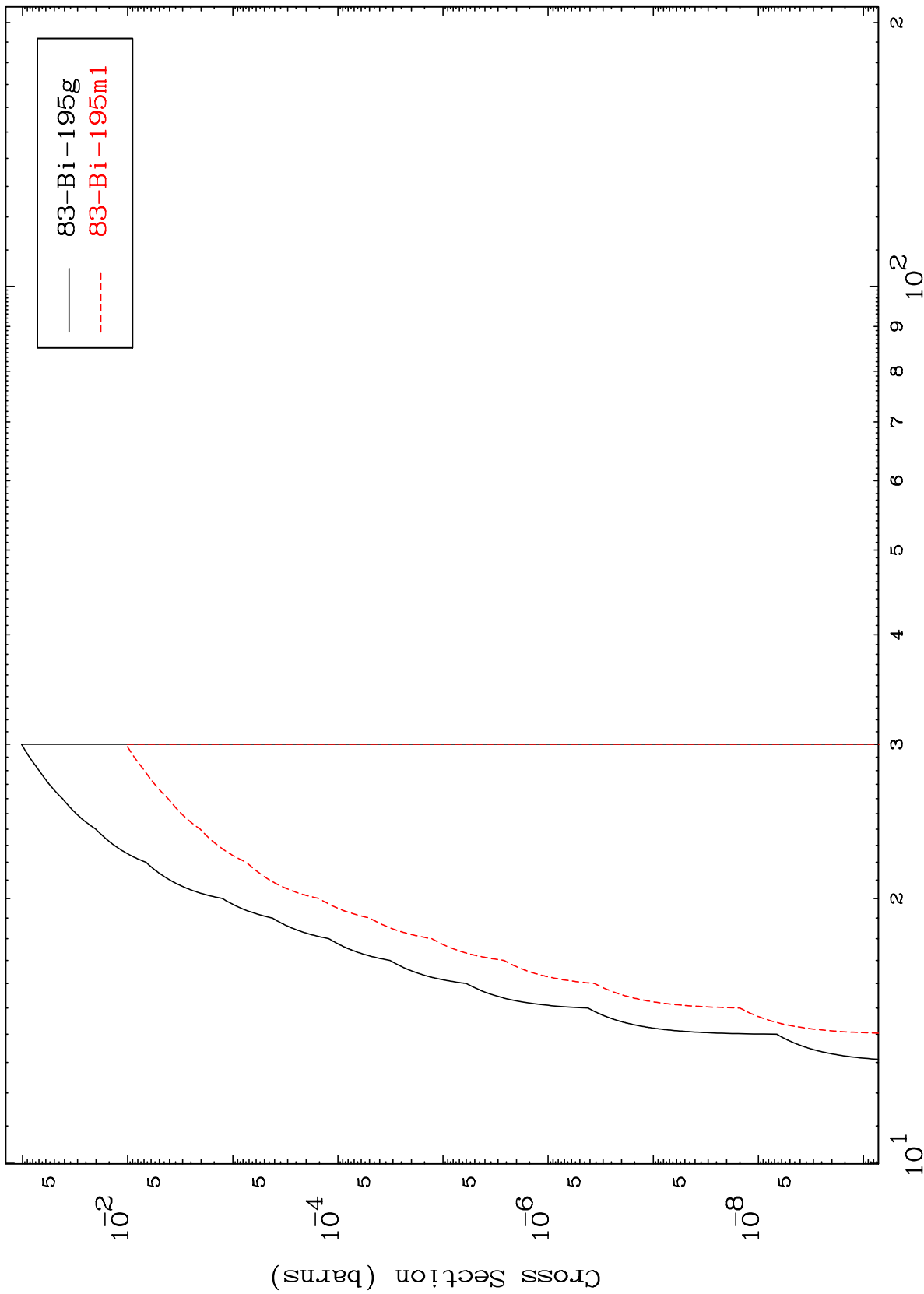


MAT 8286

(n,2n) p

83-Bi-196

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-196

23

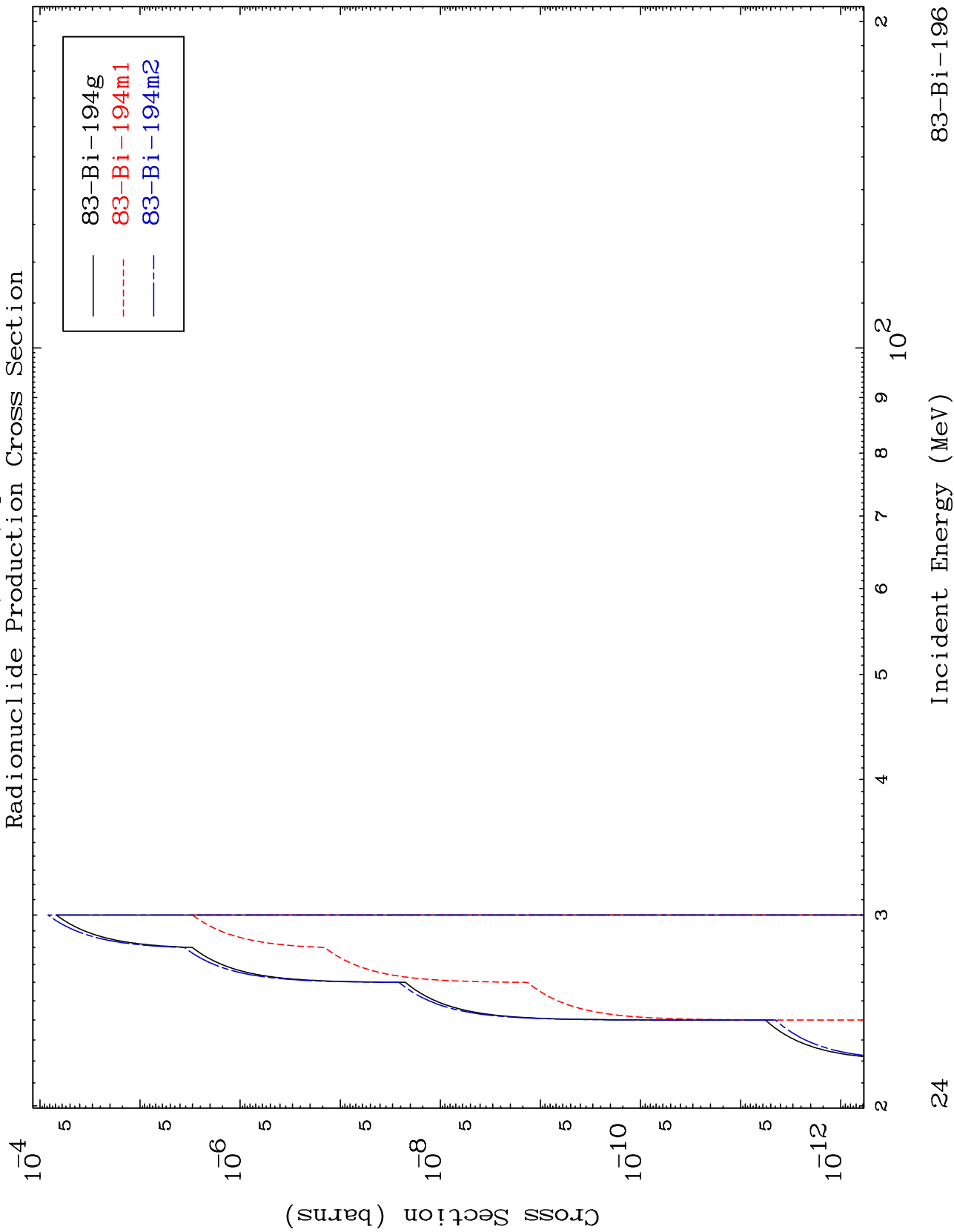


MAT 8286

(n,3n) p

83-Bi-196

Radionuclide Production Cross Section



24

Incident Energy (MeV)

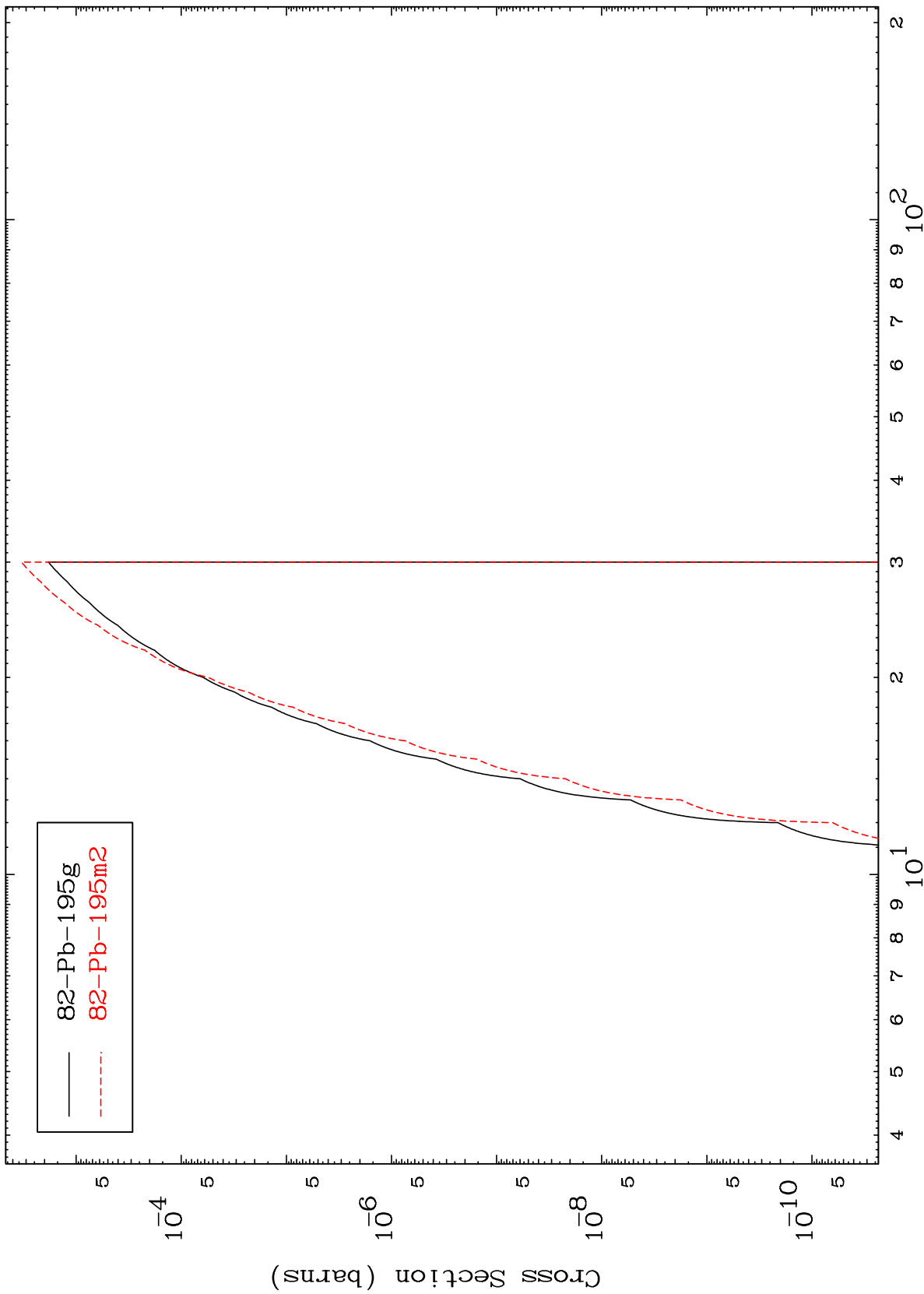
83-Bi-196

MAT 8286

(n,2n) p

83-Bi-196

Radionuclide Production Cross Section



25

Incident Energy (MeV)

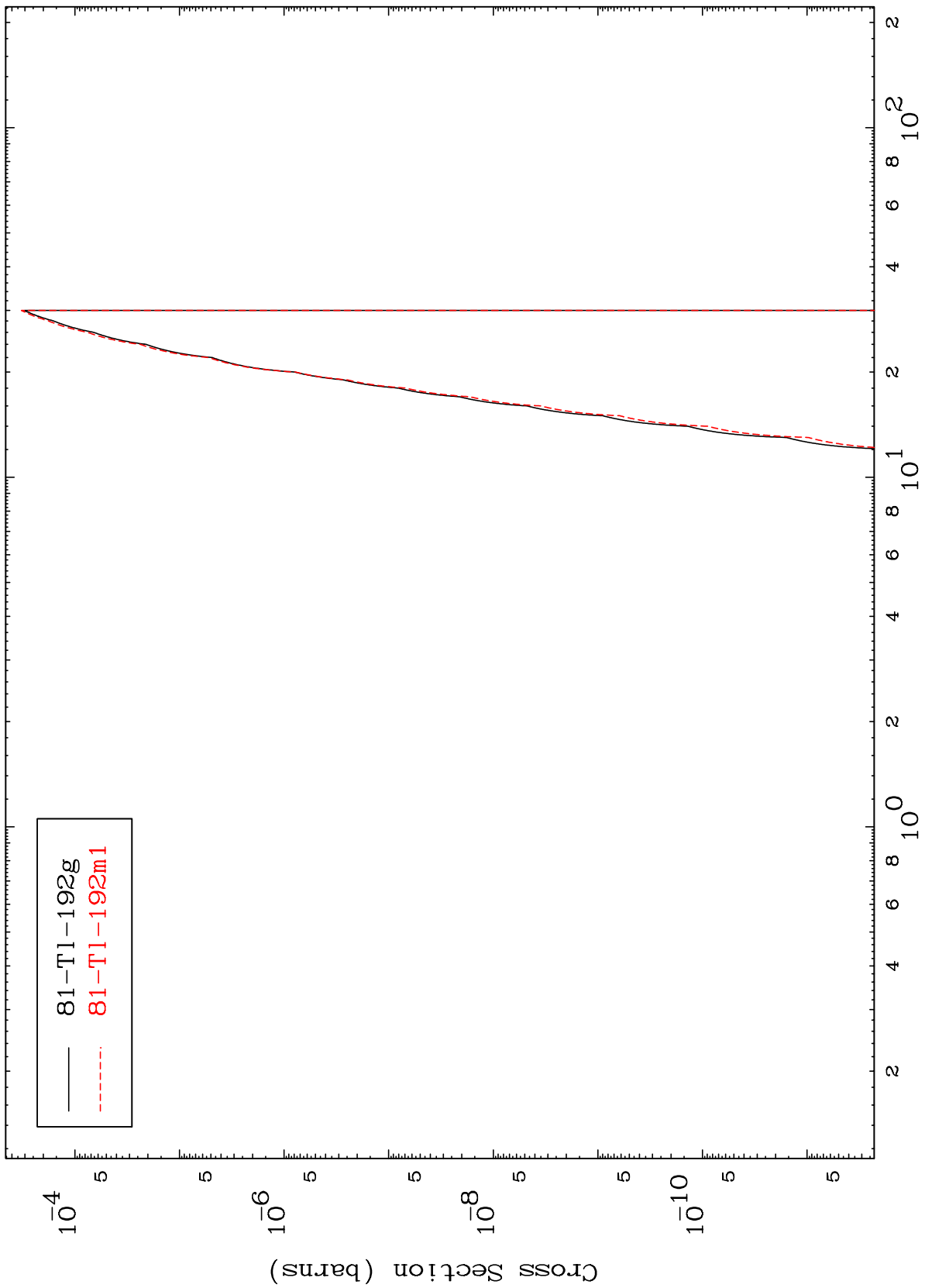
83-Bi-196

MAT 8286

(n,n') p  $\alpha$

83-Bi-196

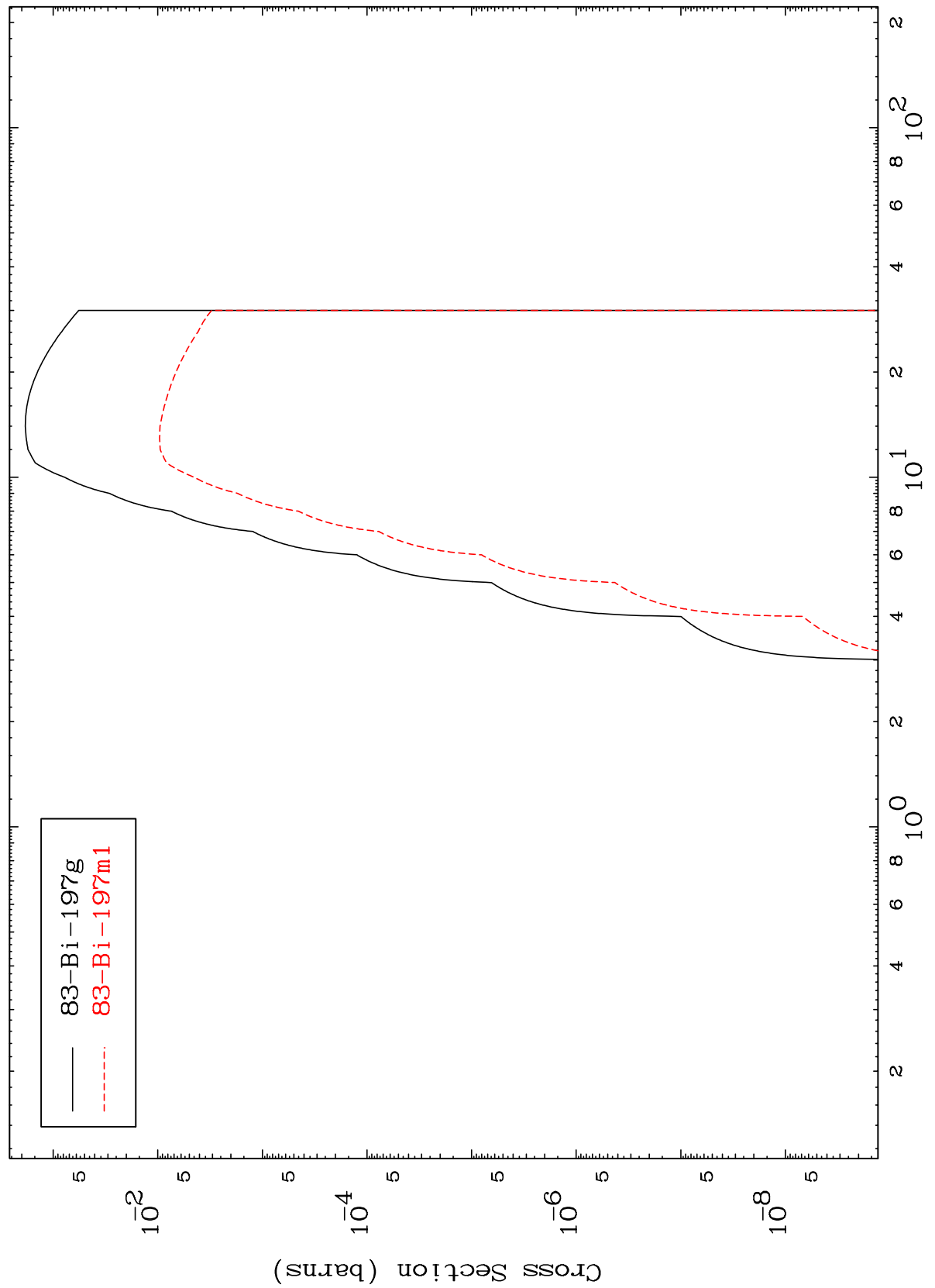
Radionuclide Production Cross Section



MAT 8286

83-Bi-196

(n,p)  
Radionuclide Production Cross Section



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

83-Bi-196

Incident Energy (MeV)

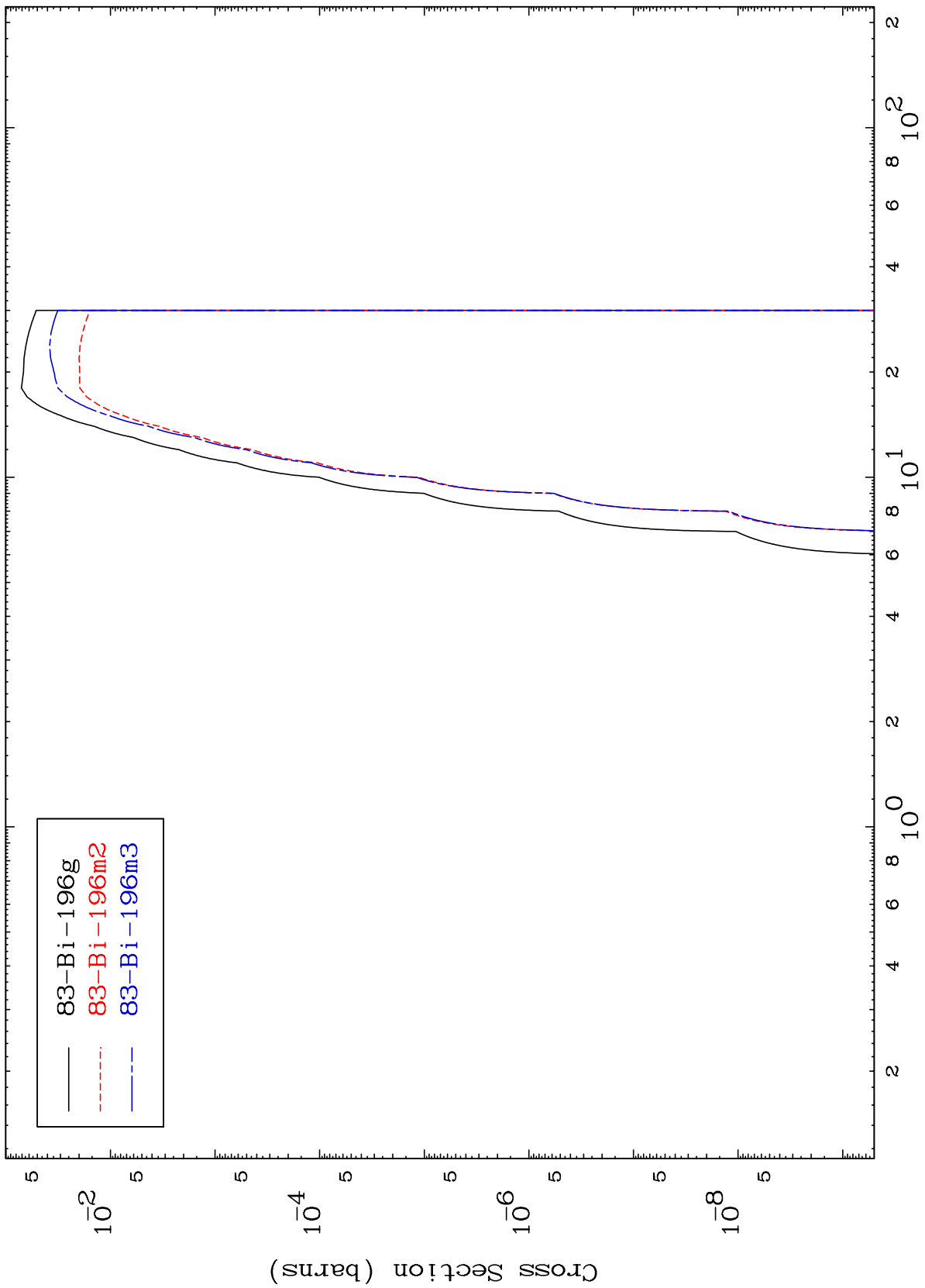
27

MAT 8286

(n,d)

83-Bi-196

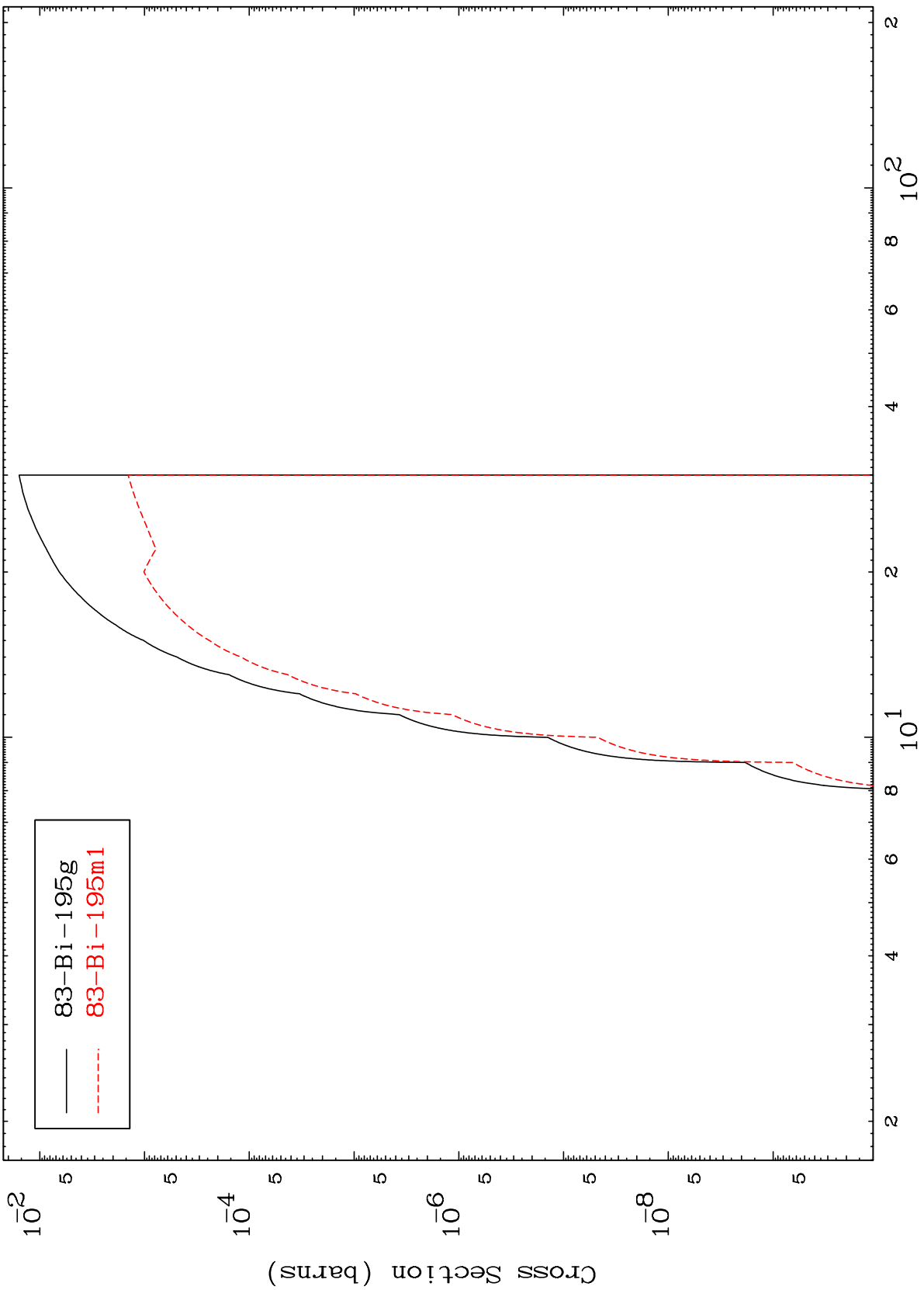
Radionuclide Production Cross Section



MAT 8286

83-Bi-196

(n,t)  
Radionuclide Production Cross Section



29

83-Bi-196

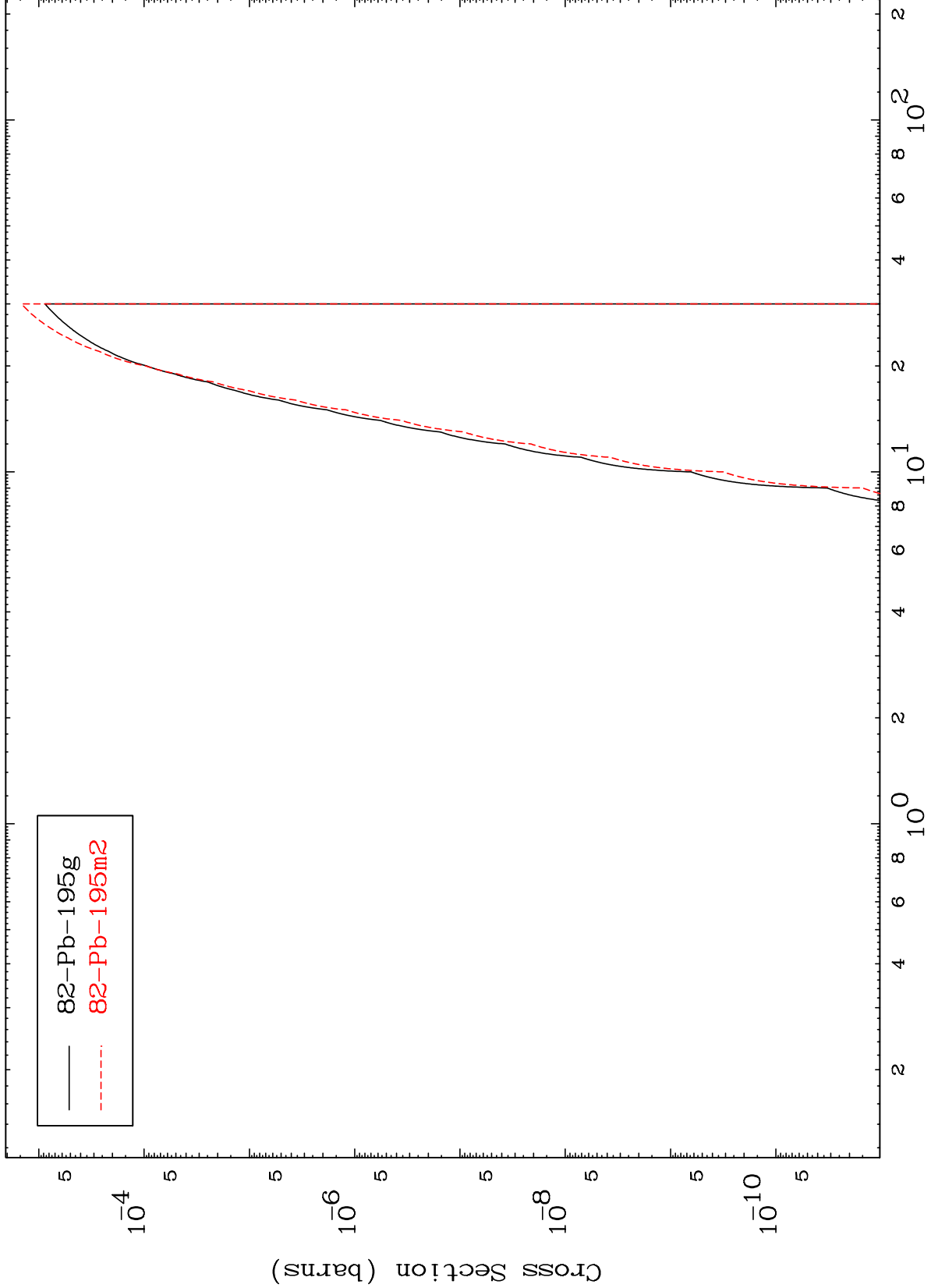
Incident Energy (MeV)

MAT 8286

(n,He-3)

83-Bi-196

Radionuclide Production Cross Section



30

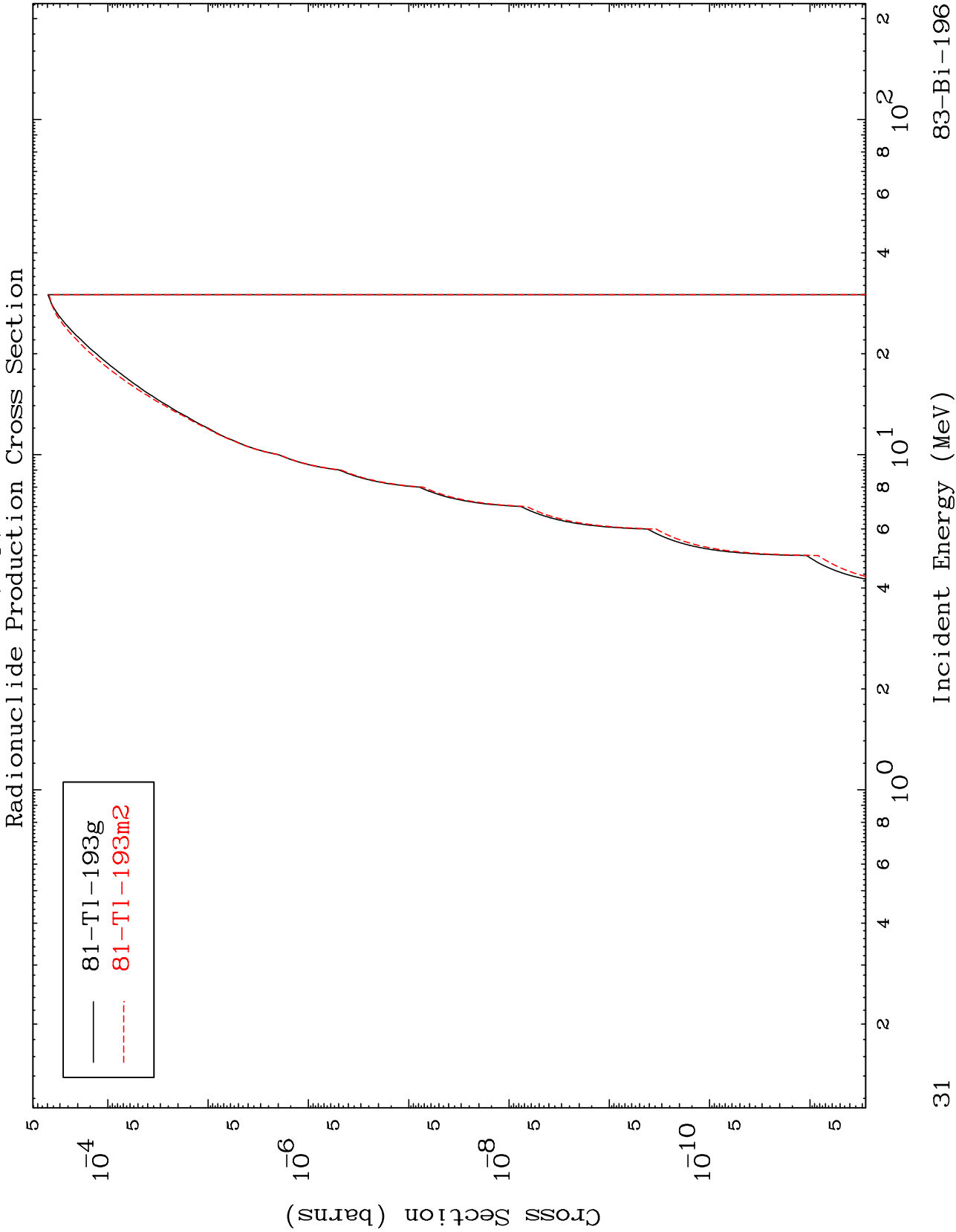
Incident Energy (MeV)

83-Bi-196

MAT 8286

(n,p)  $\alpha$

83-Bi-196



81-Tl-193g  
81-Tl-193m2

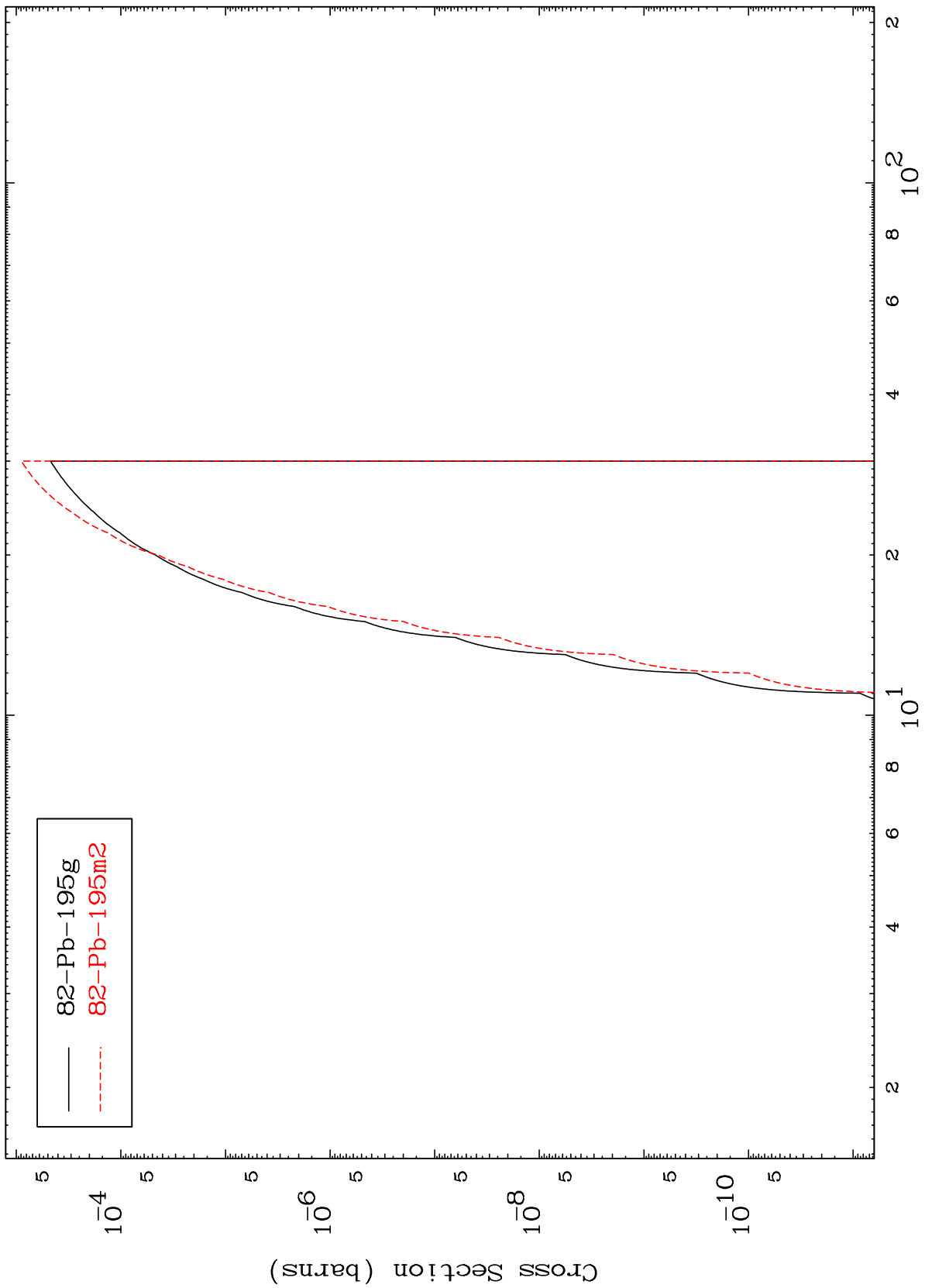


MAT 8286

(n,p) d

83-Bi-196

Radionuclide Production Cross Section



32

Incident Energy (MeV)

83-Bi-196

MAT 8286

(n,d)  $\alpha$

83-Bi-196

Radionuclide Production Cross Section

