

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](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

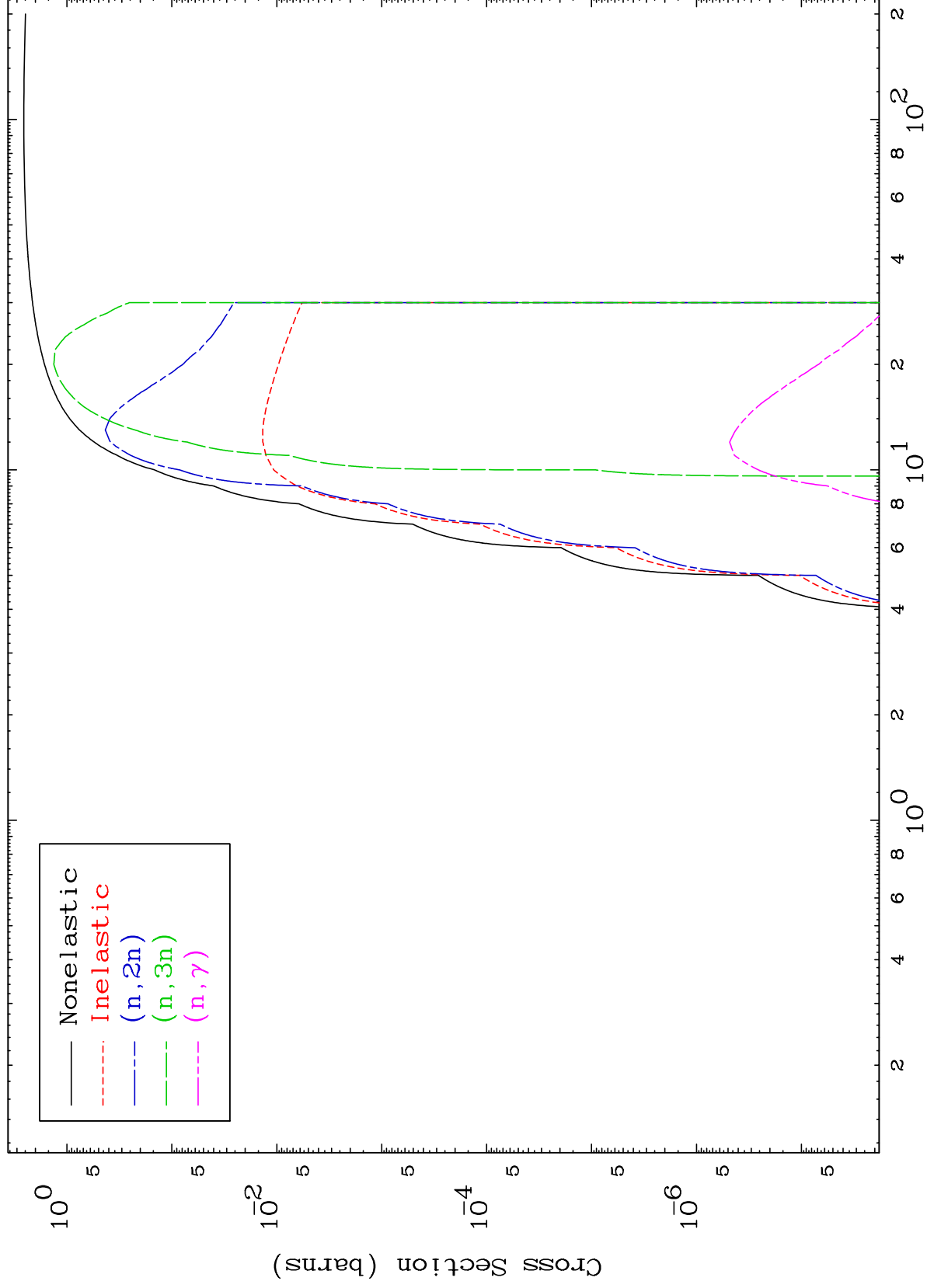
Press Mouse Button to Start

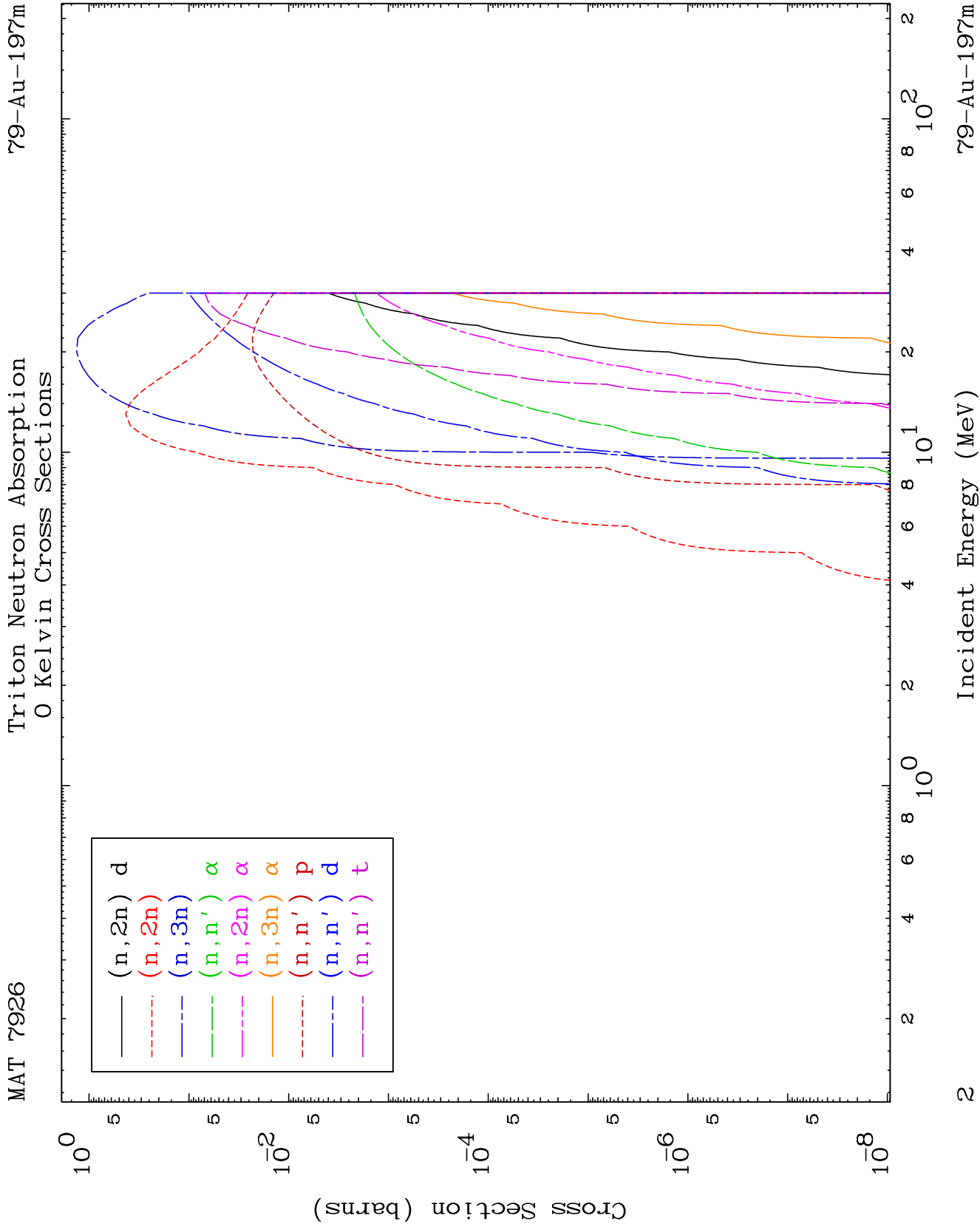
MAT 7926

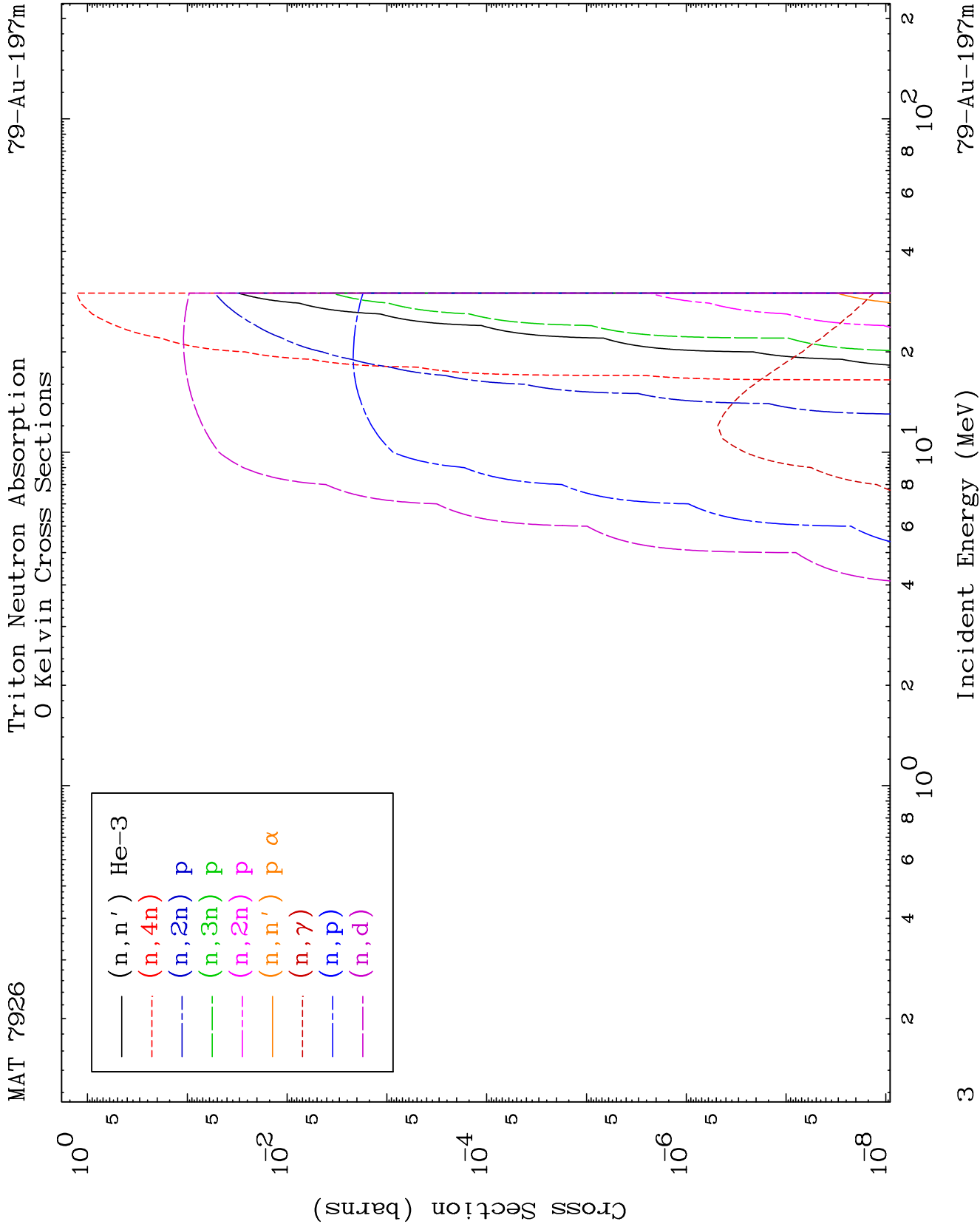
Triton Major

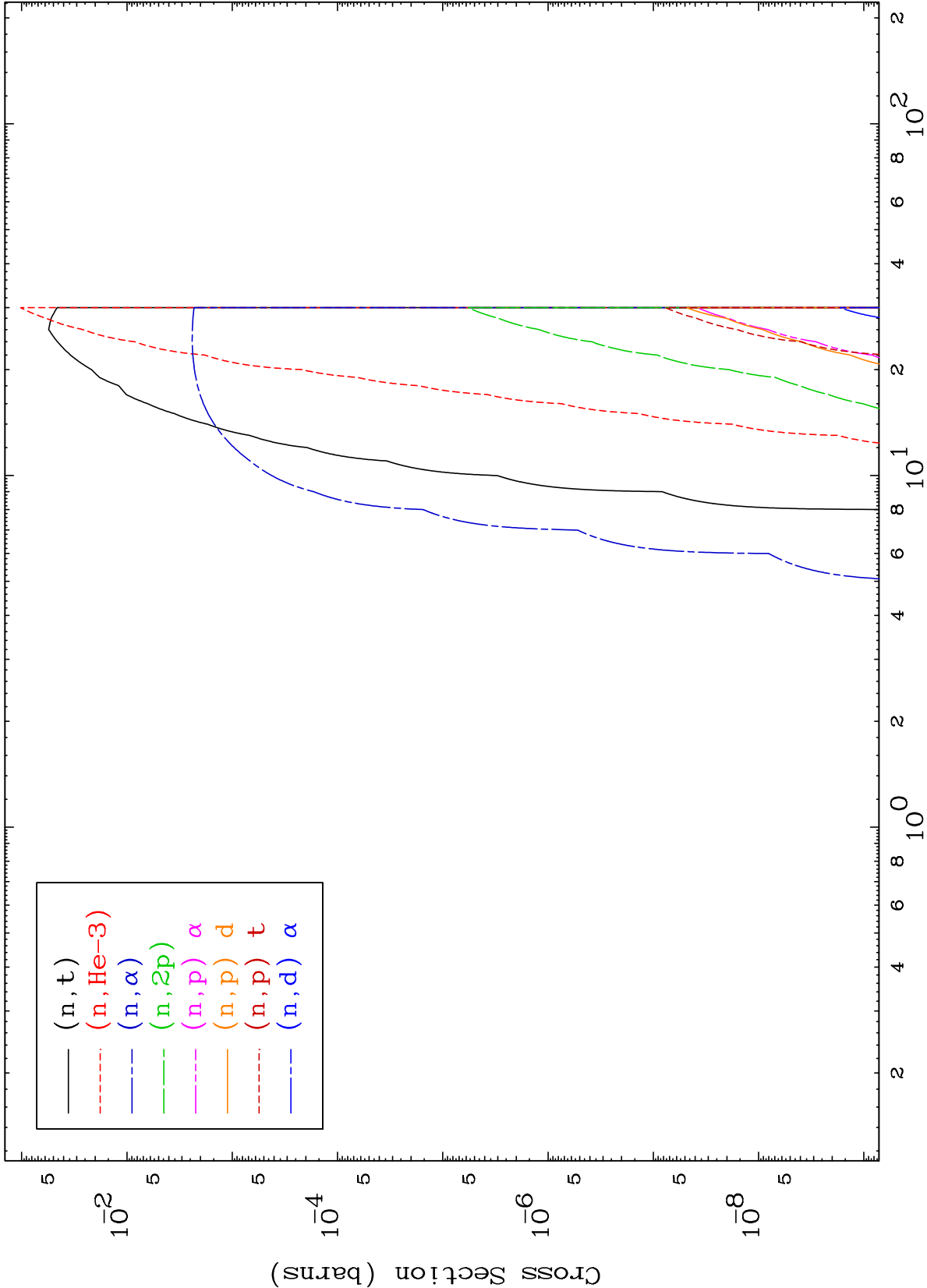
79-Au-197m

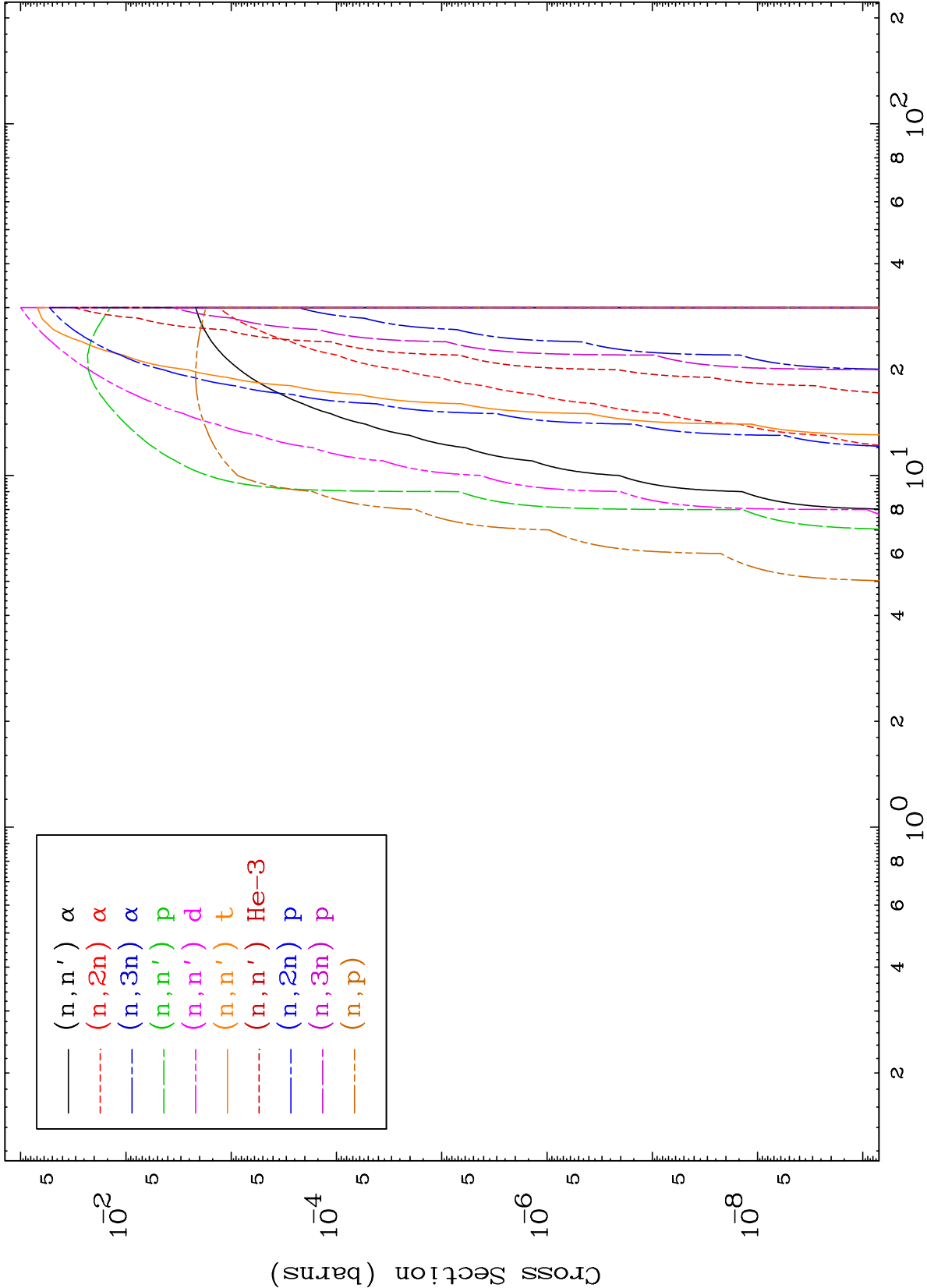
0 Kelvin Cross Sections

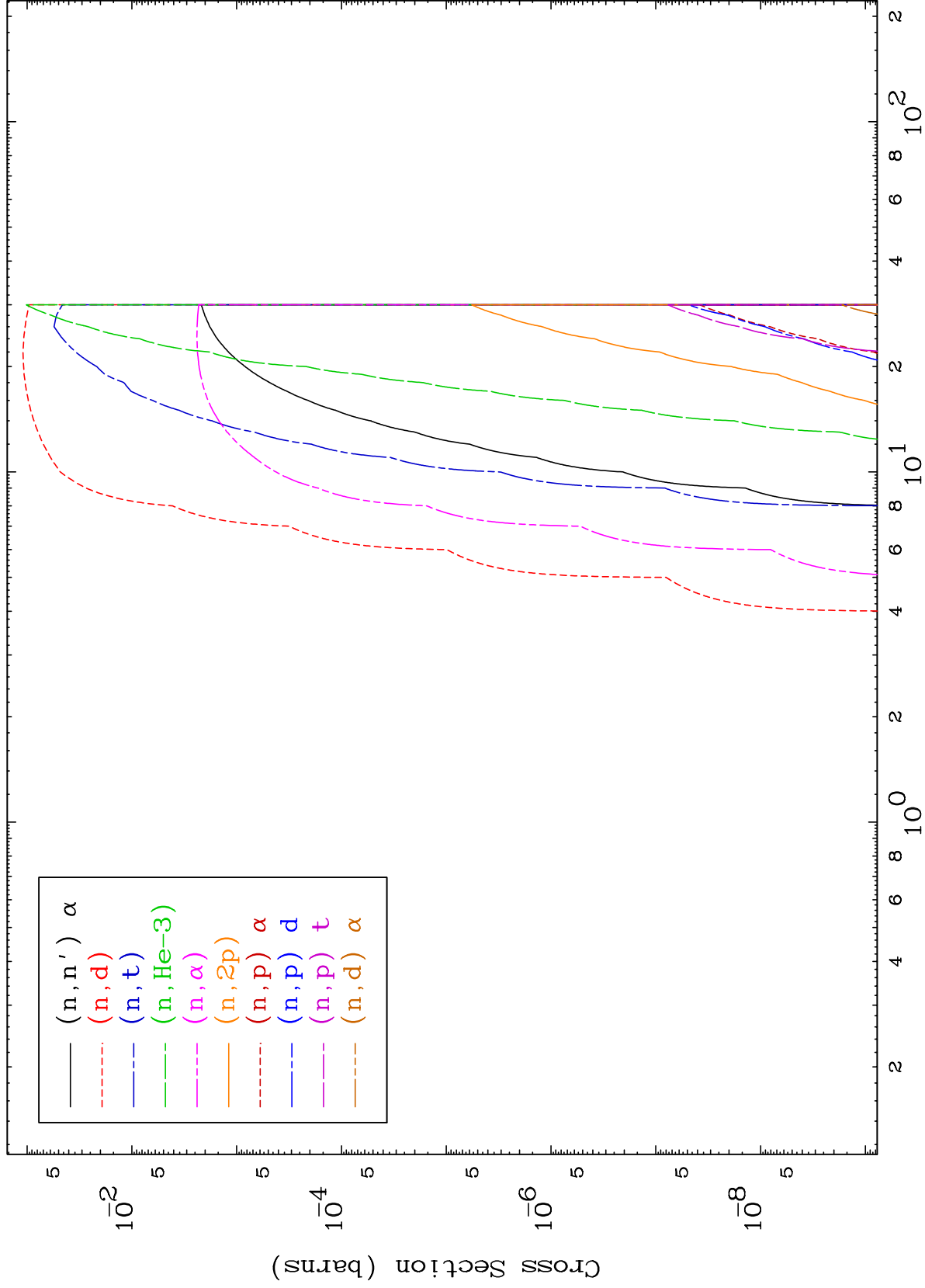








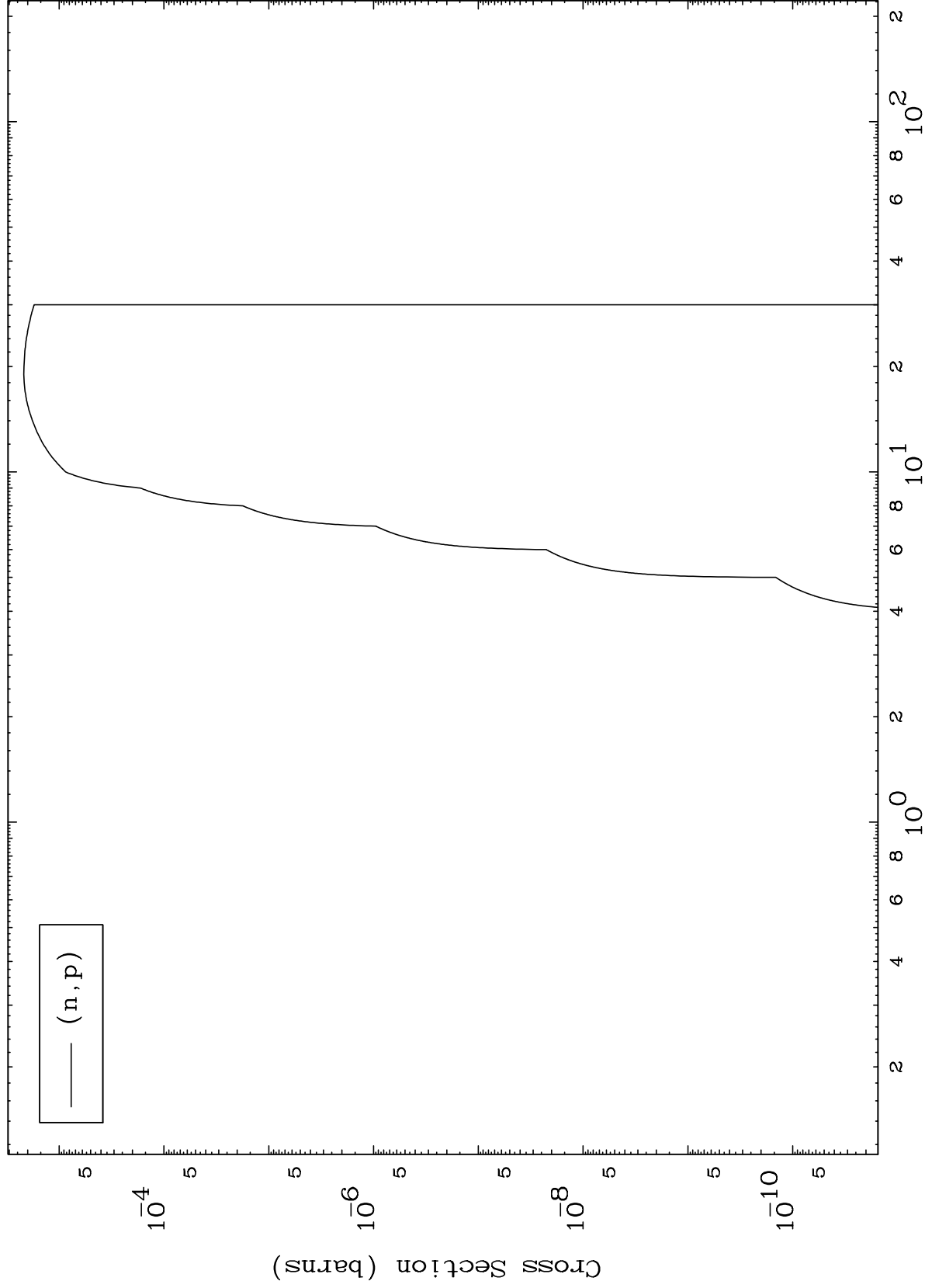




MAT 7926

79-Au-197m

(t,p) Levels  
0 Kelvin Cross Sections



7

79-Au-197m

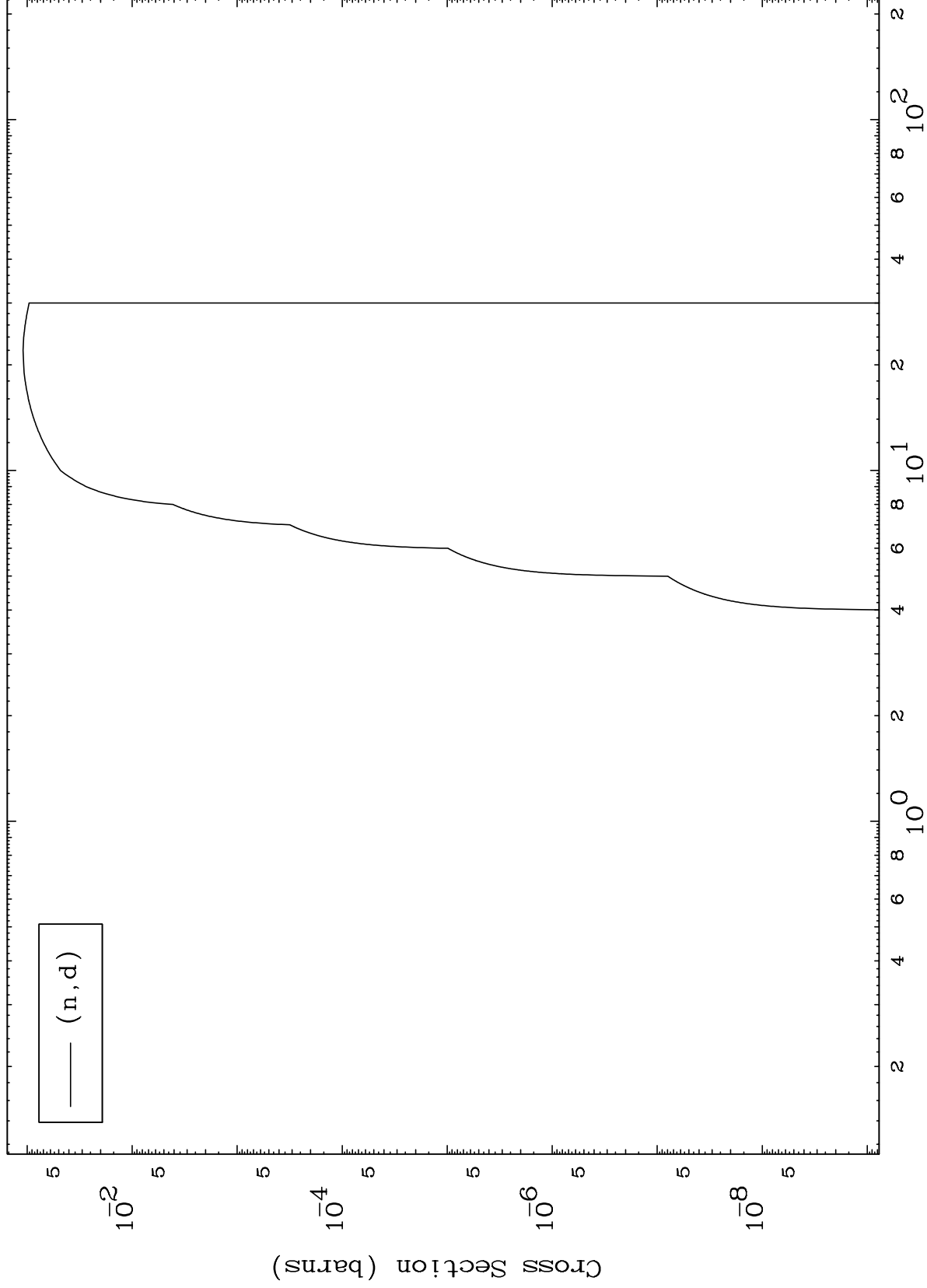
Incident Energy (MeV)



MAT 7926

79-Au-197m

(t,d) Levels  
0 Kelvin Cross Sections



8

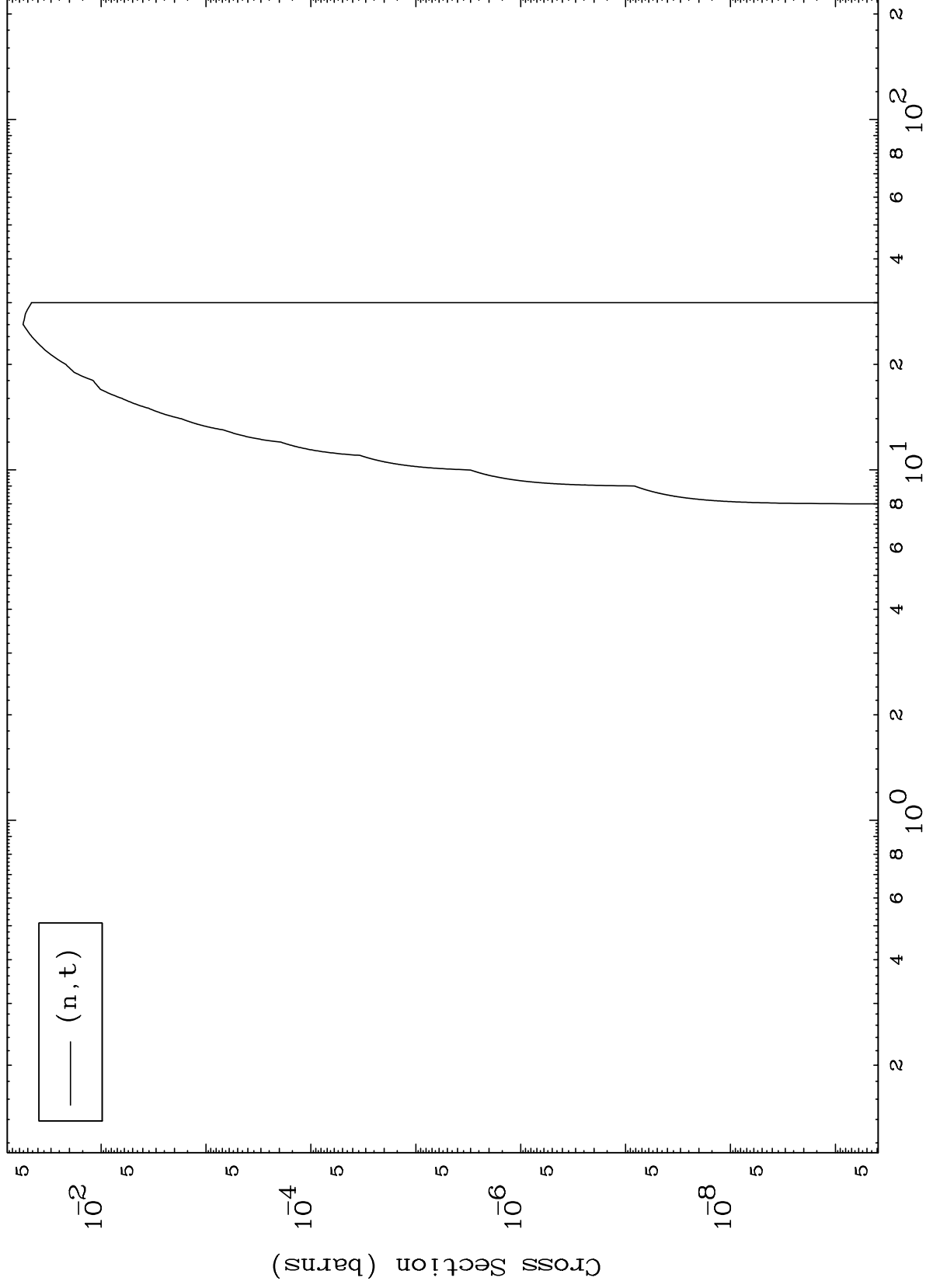
Incident Energy (MeV)

79-Au-197m

MAT 7926

79-Au-197m

(t,t) Levels  
0 Kelvin Cross Sections



9

79-Au-197m

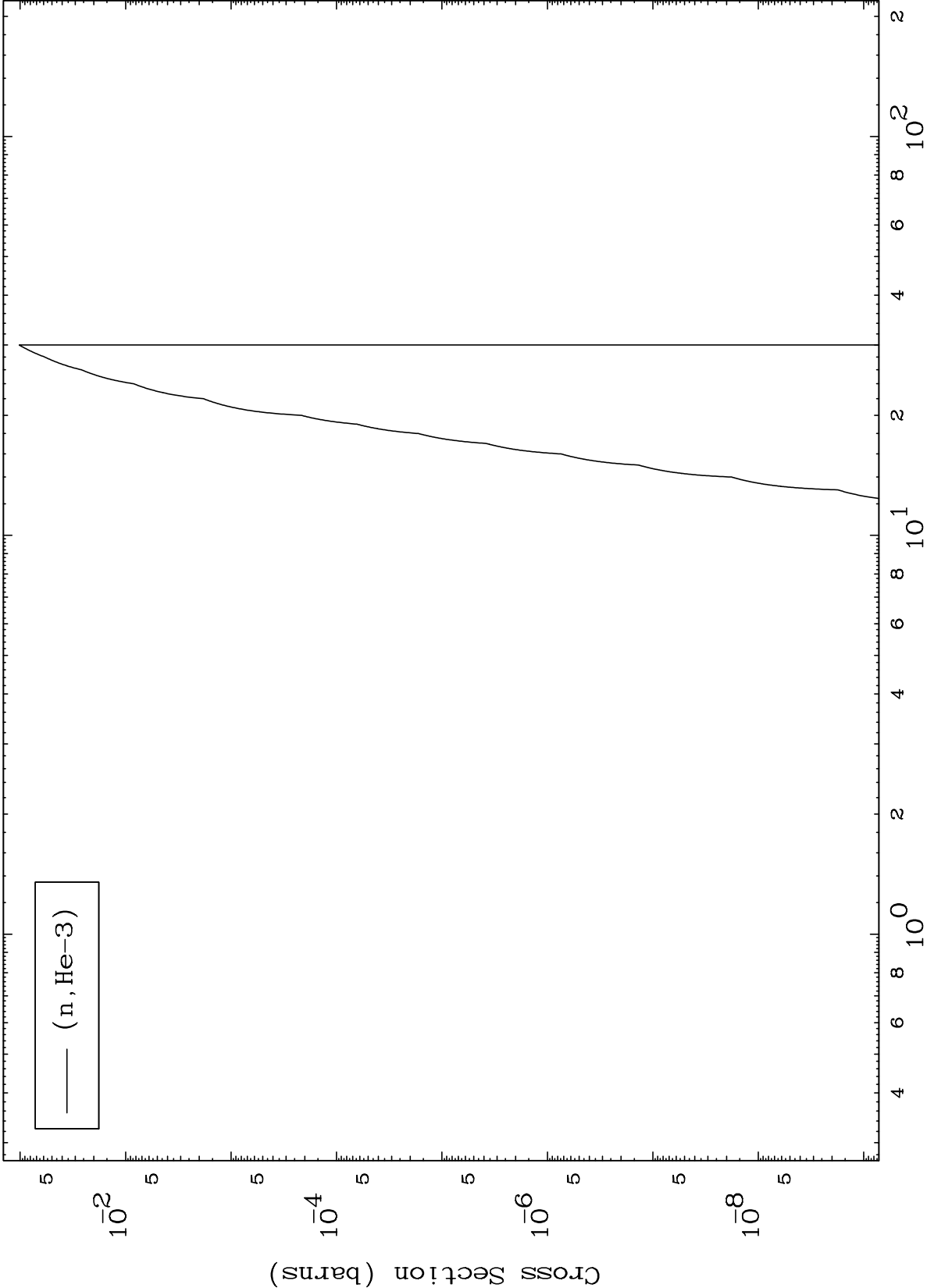
Incident Energy (MeV)

MAT 7926

(t,He3) Levels

79-Au-197m

0 Kelvin Cross Sections



10

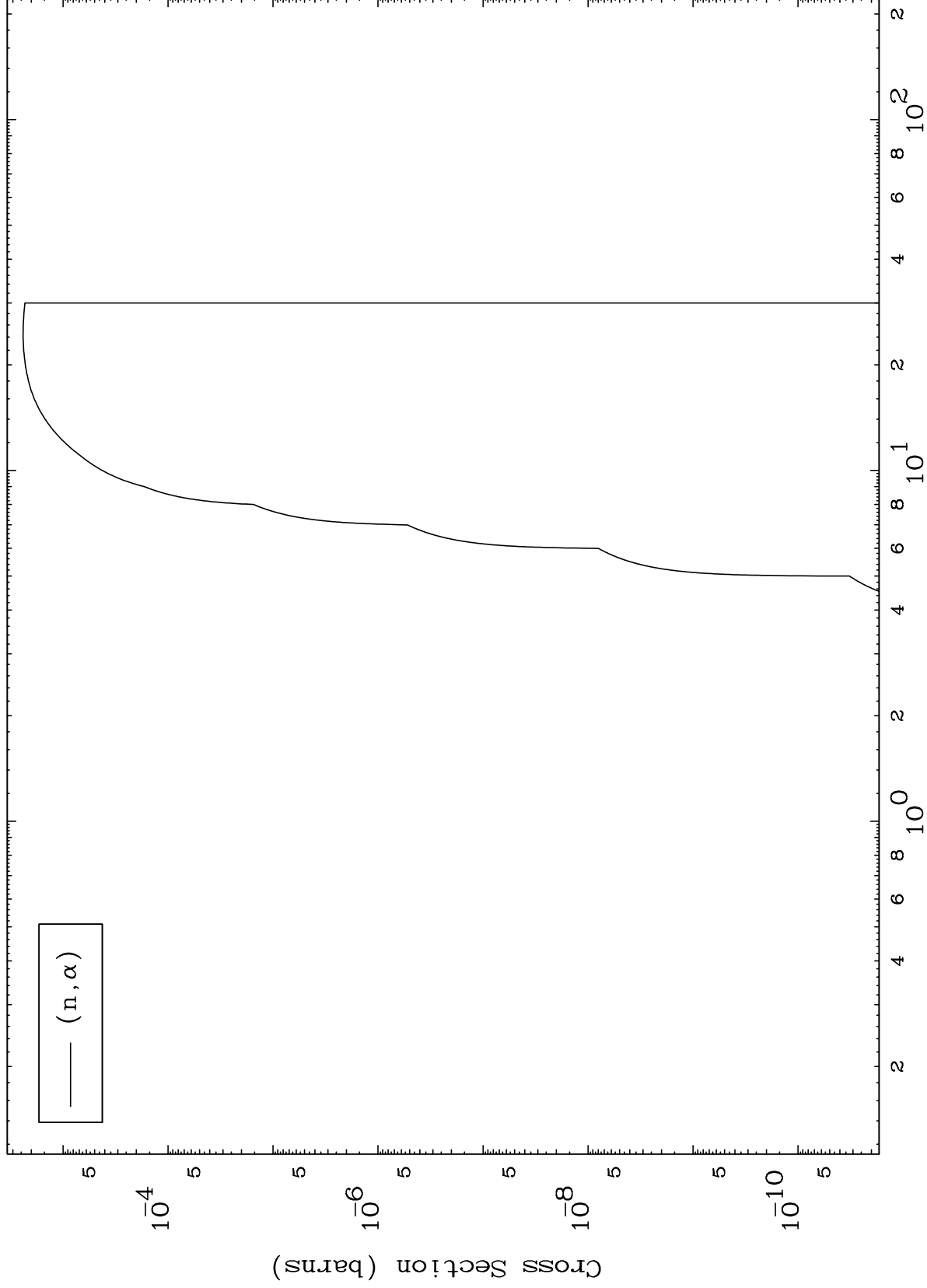
Incident Energy (MeV)

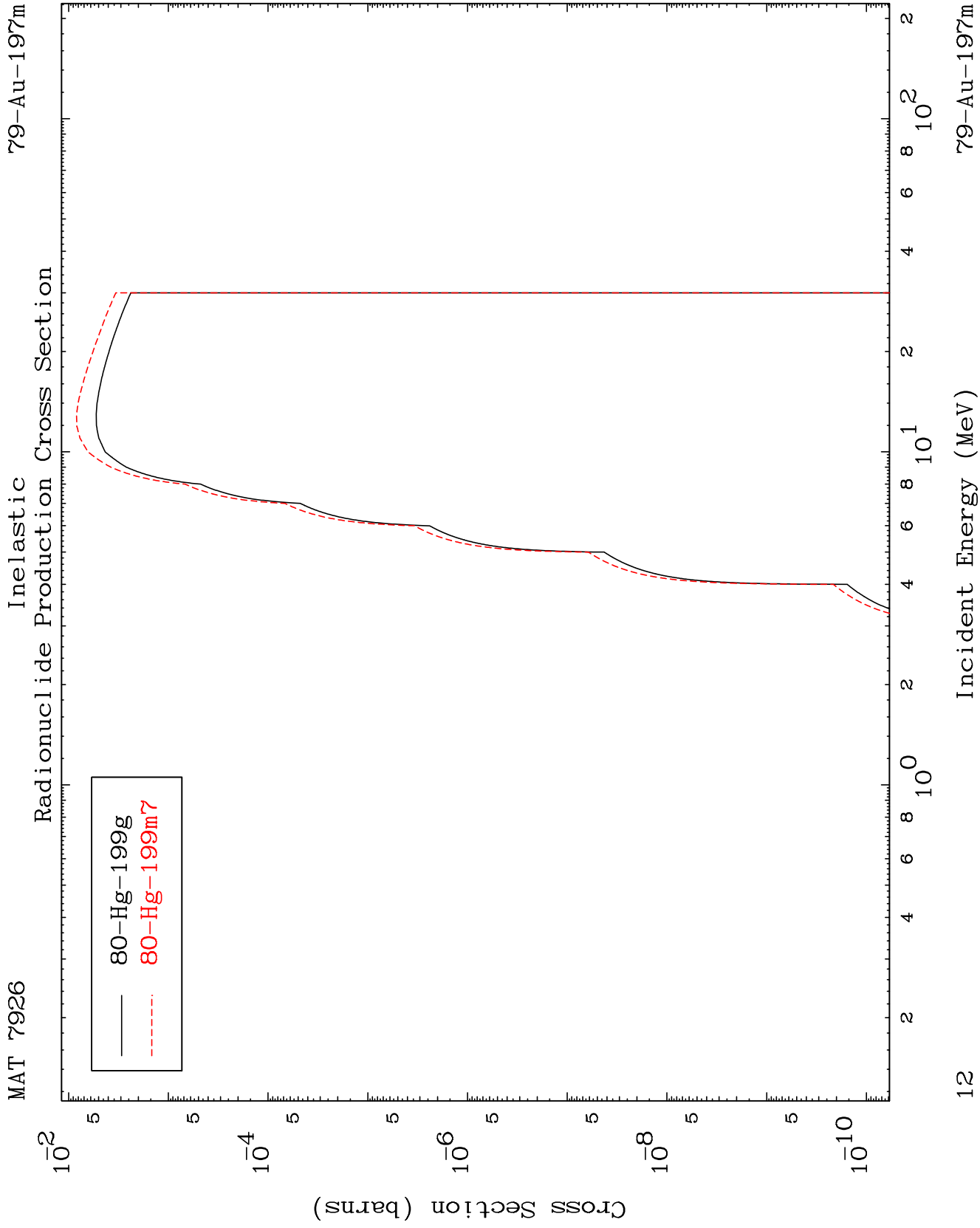
79-Au-197m

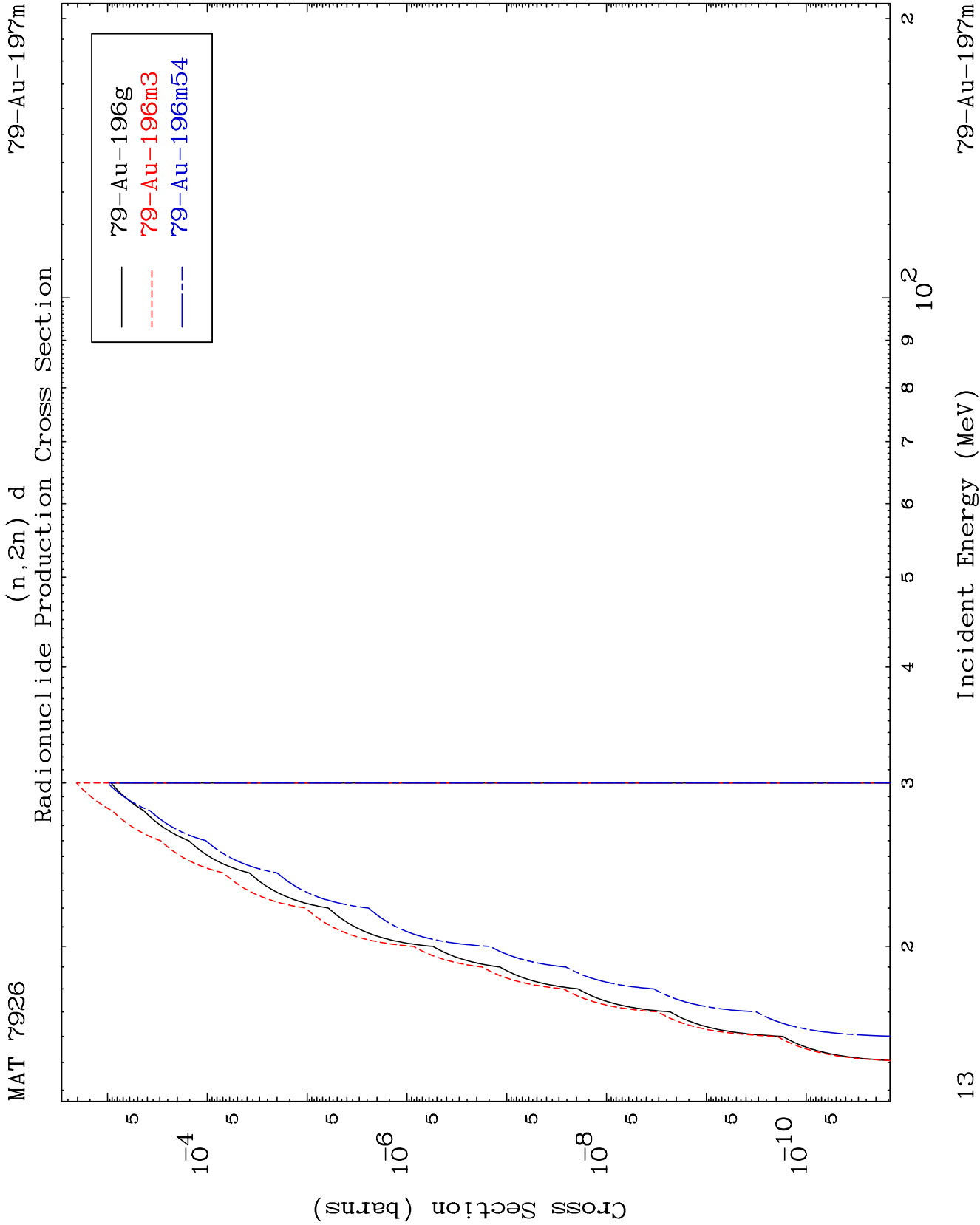
MAT 7926

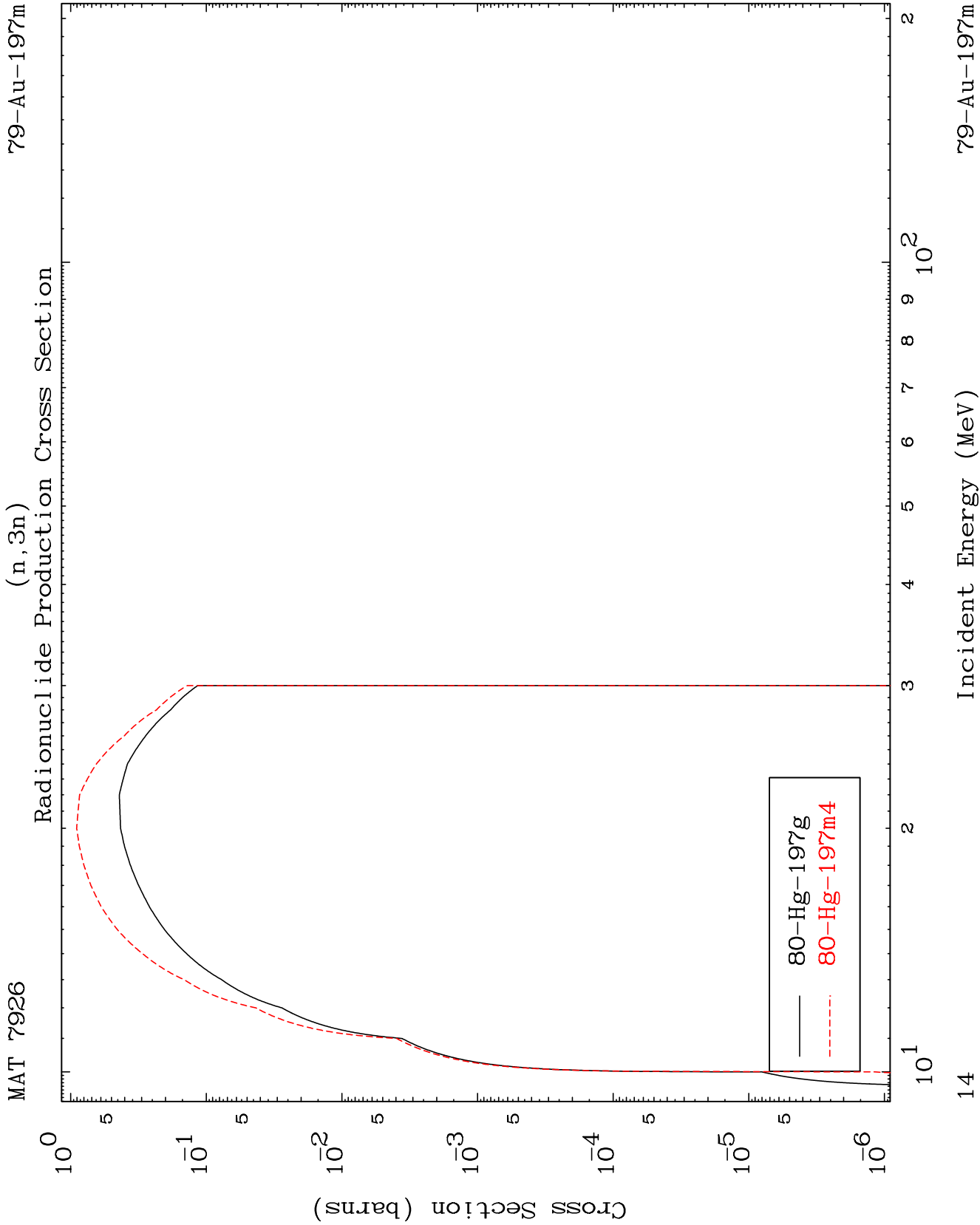
79-Au-197m

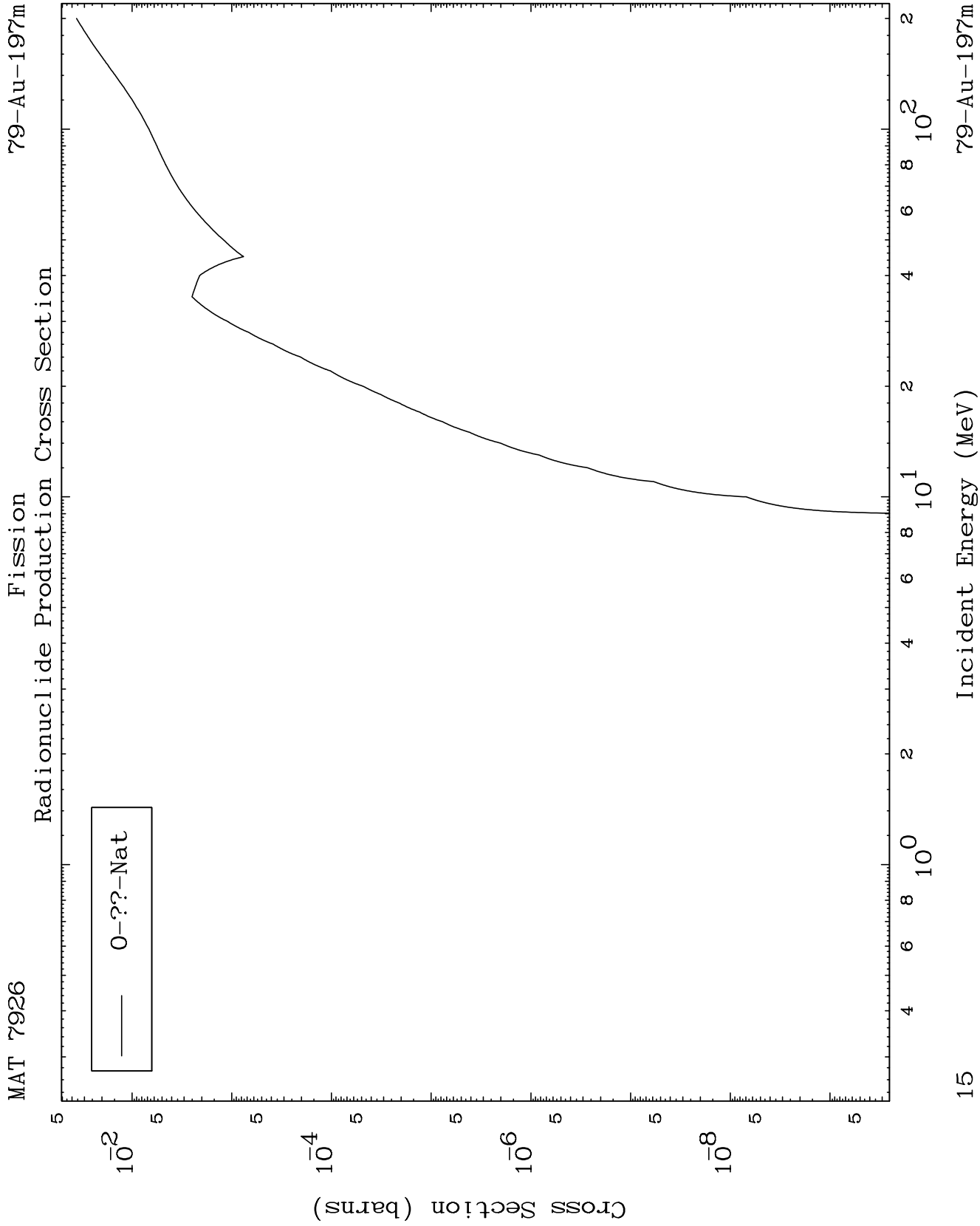
(t,  $\alpha$ ) Levels  
0 Kelvin Cross Sections









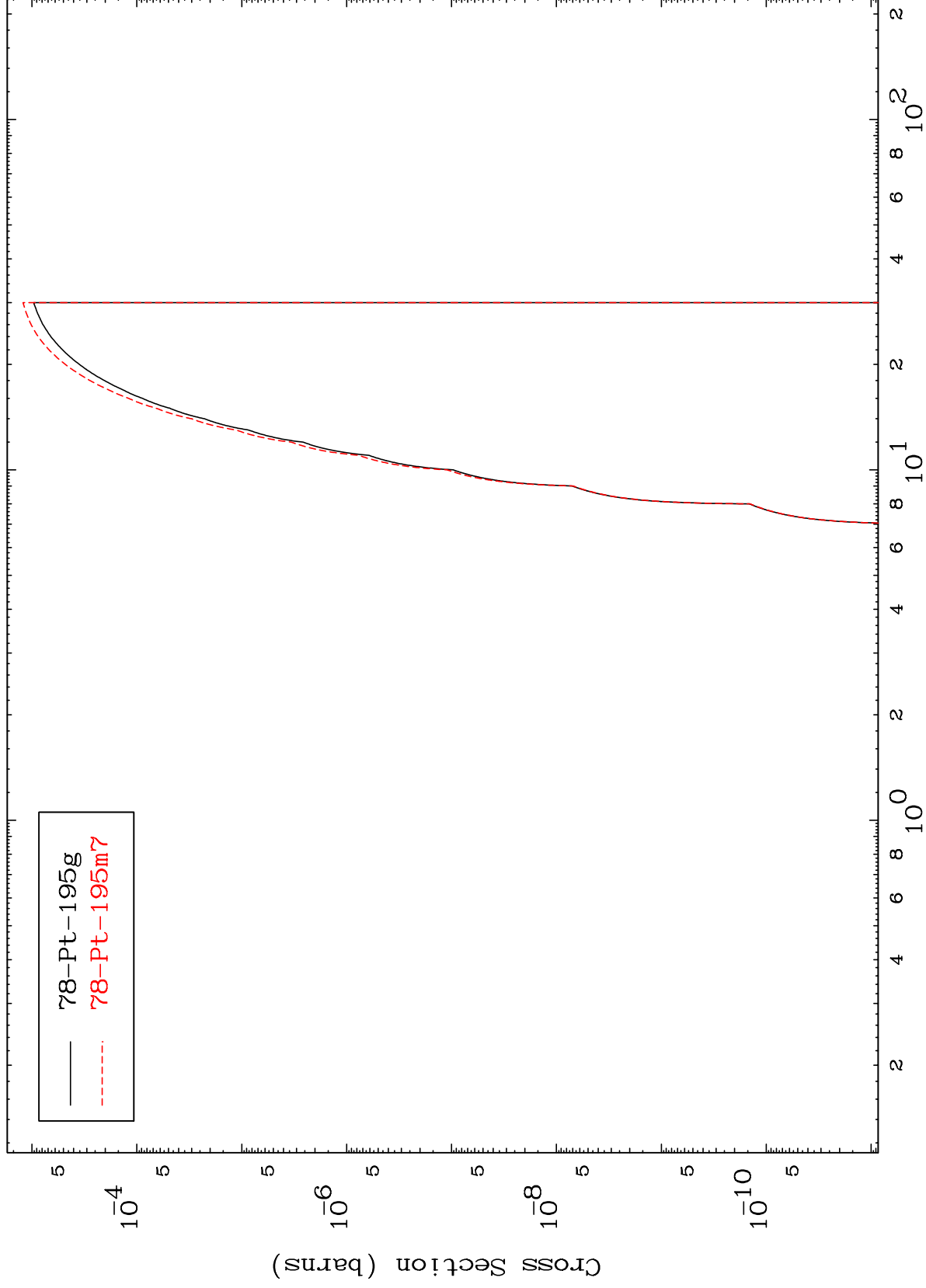




MAT 7926

$^{79}\text{Au-197m}$

$(n,n') \alpha$   
Radionuclide Production Cross Section

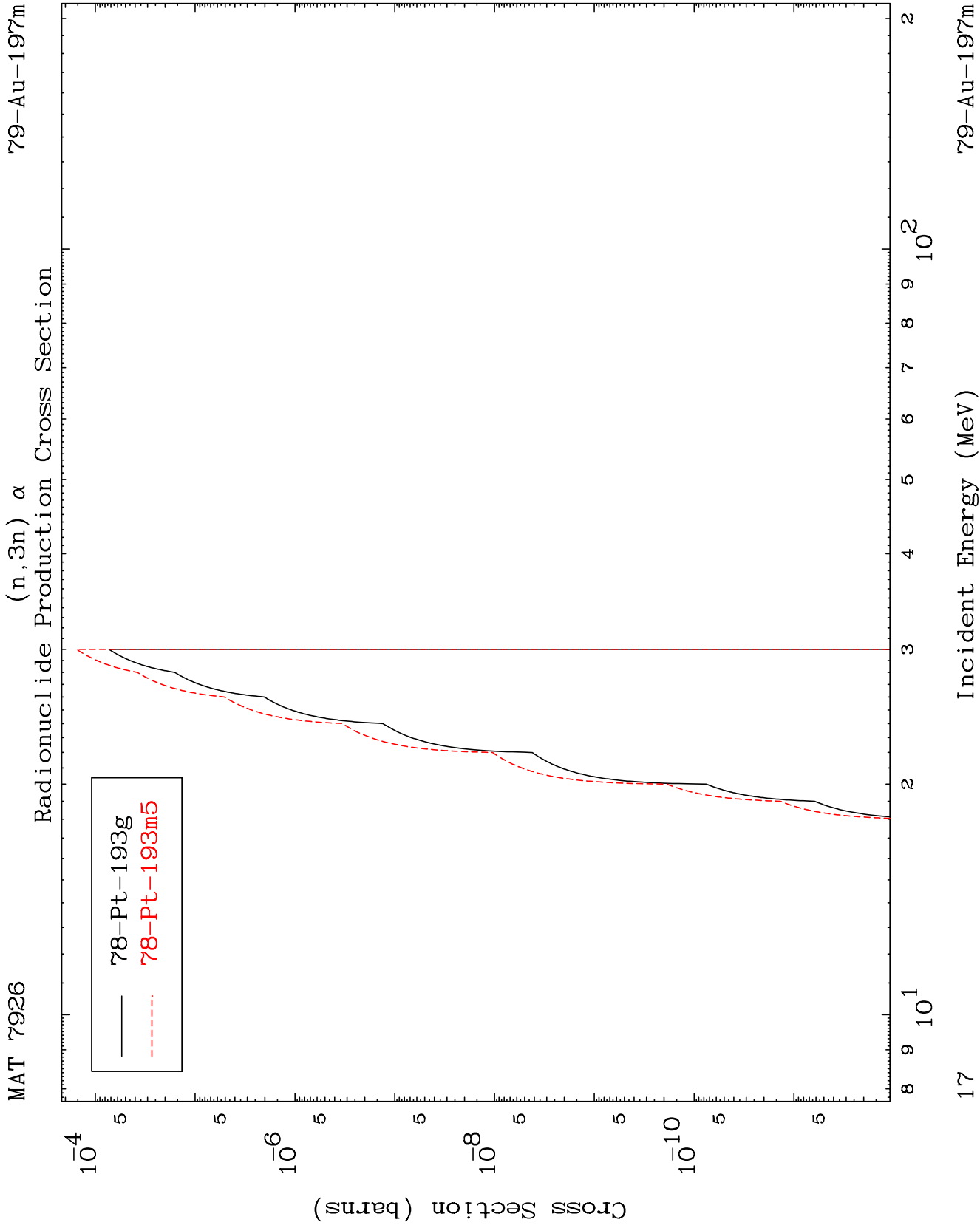


78-Pt-195g  
78-Pt-195m7

$^{79}\text{Au-197m}$

Incident Energy (MeV)

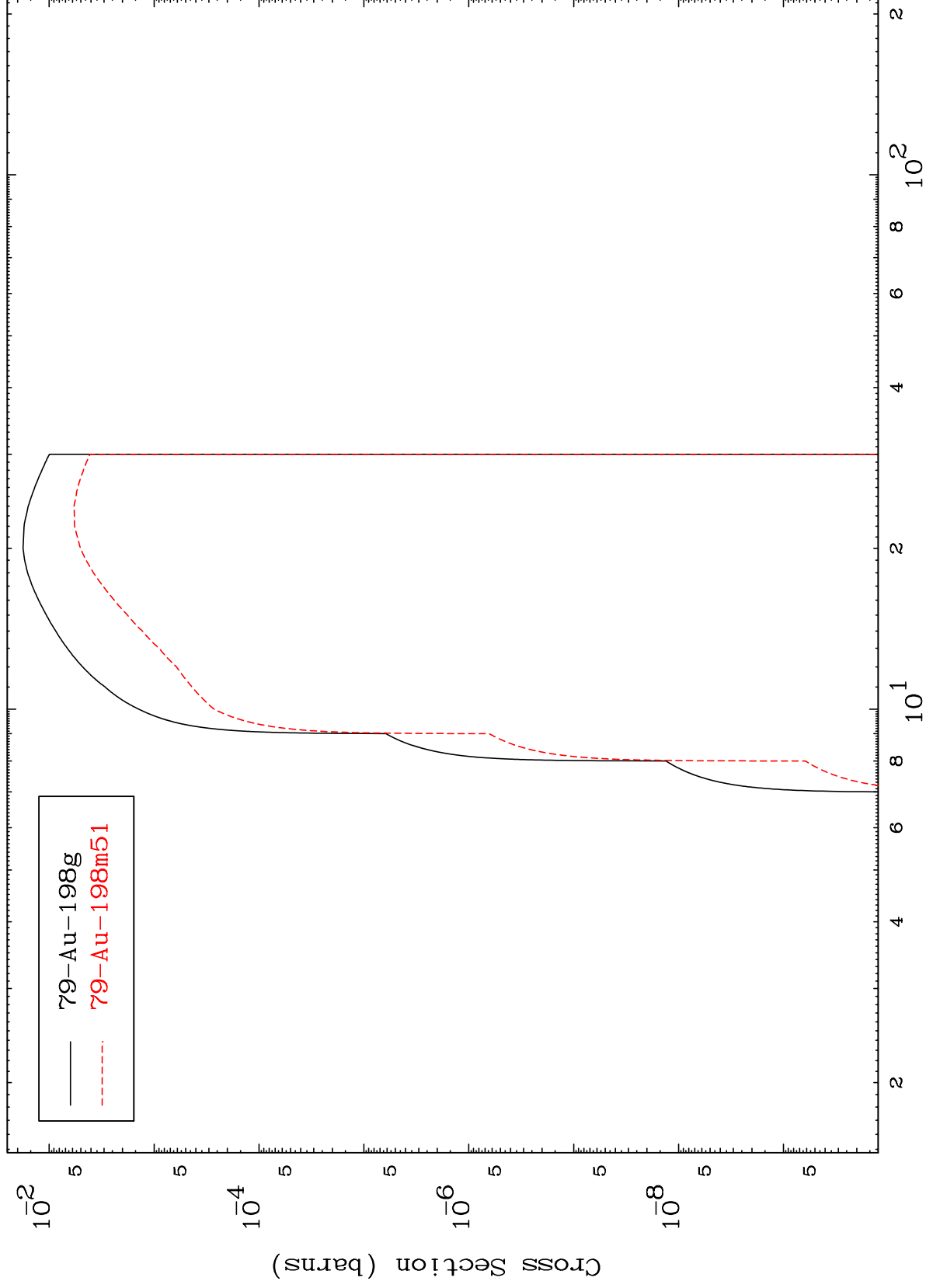
16



MAT 7926

$^{79}\text{Au-197m}$

Radionuclide Production Cross Section



18

Incident Energy (MeV)

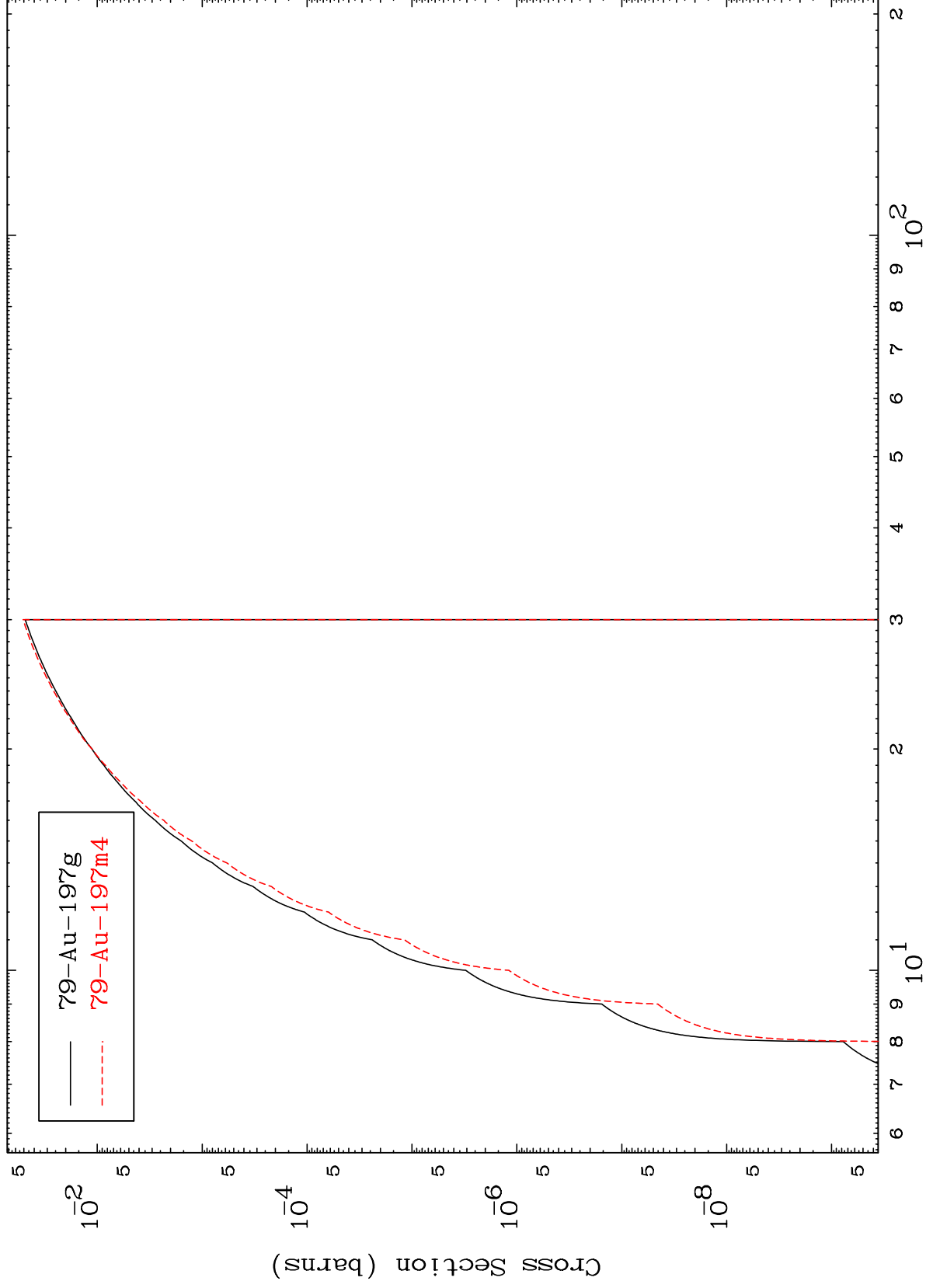
$^{79}\text{Au-197m}$

MAT 7926

$^{79}\text{Au-197m}$

Radionuclide Production Cross Section

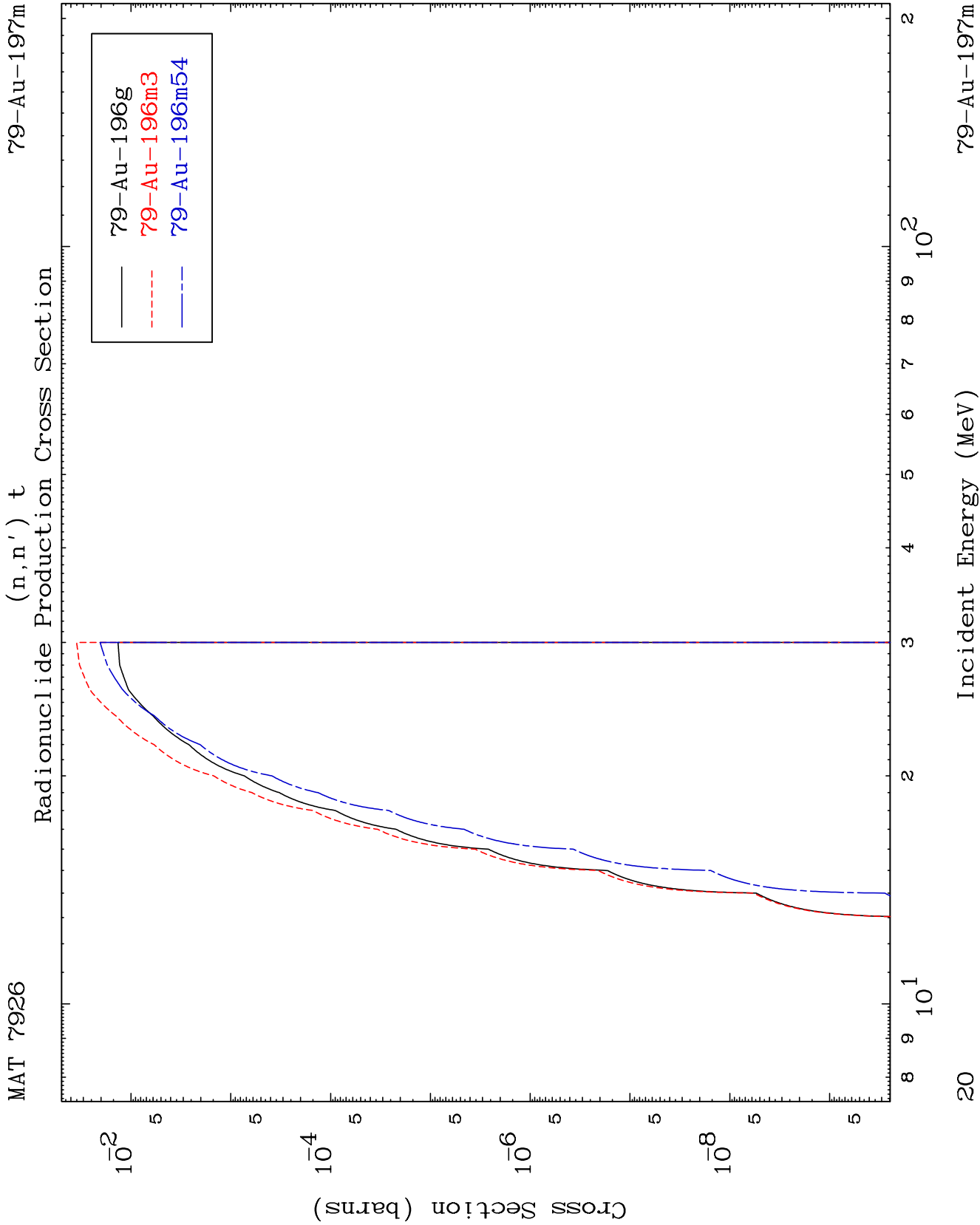
(n,n') d



19

Incident Energy (MeV)

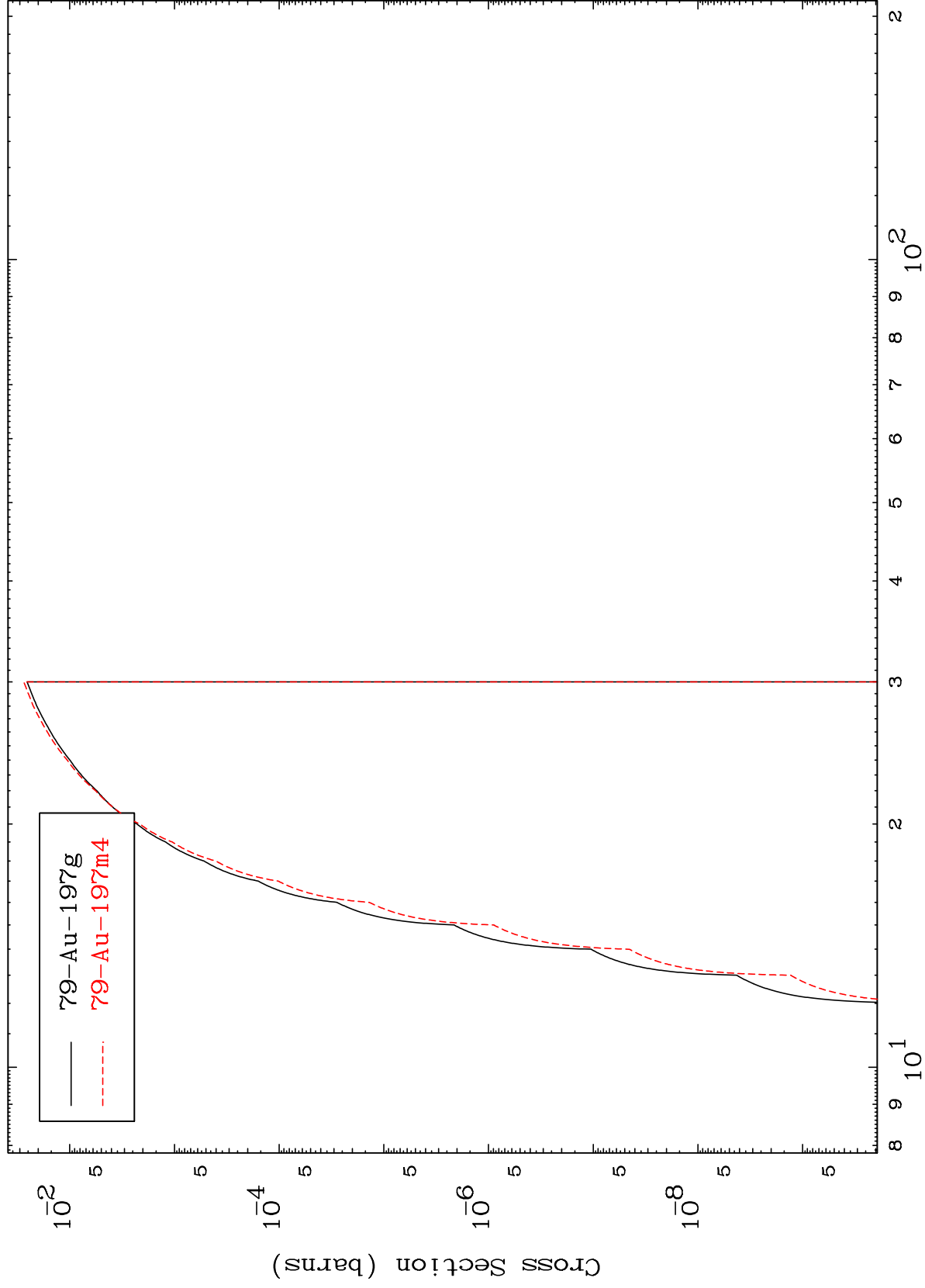
$^{79}\text{Au-197m}$



MAT 7926

$^{79}\text{Au-197m}$

$(n,2n)$  p  
Radionuclide Production Cross Section

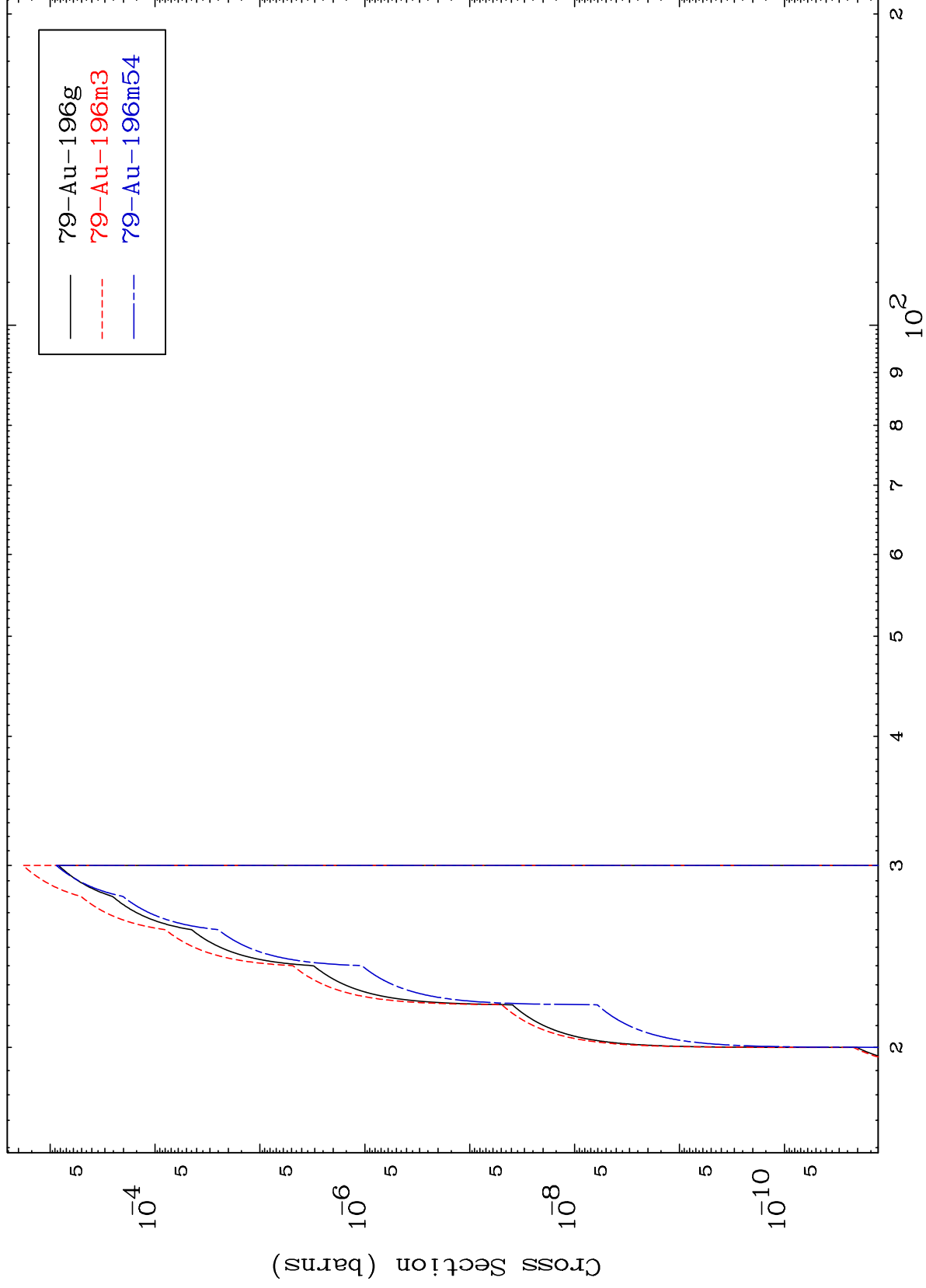


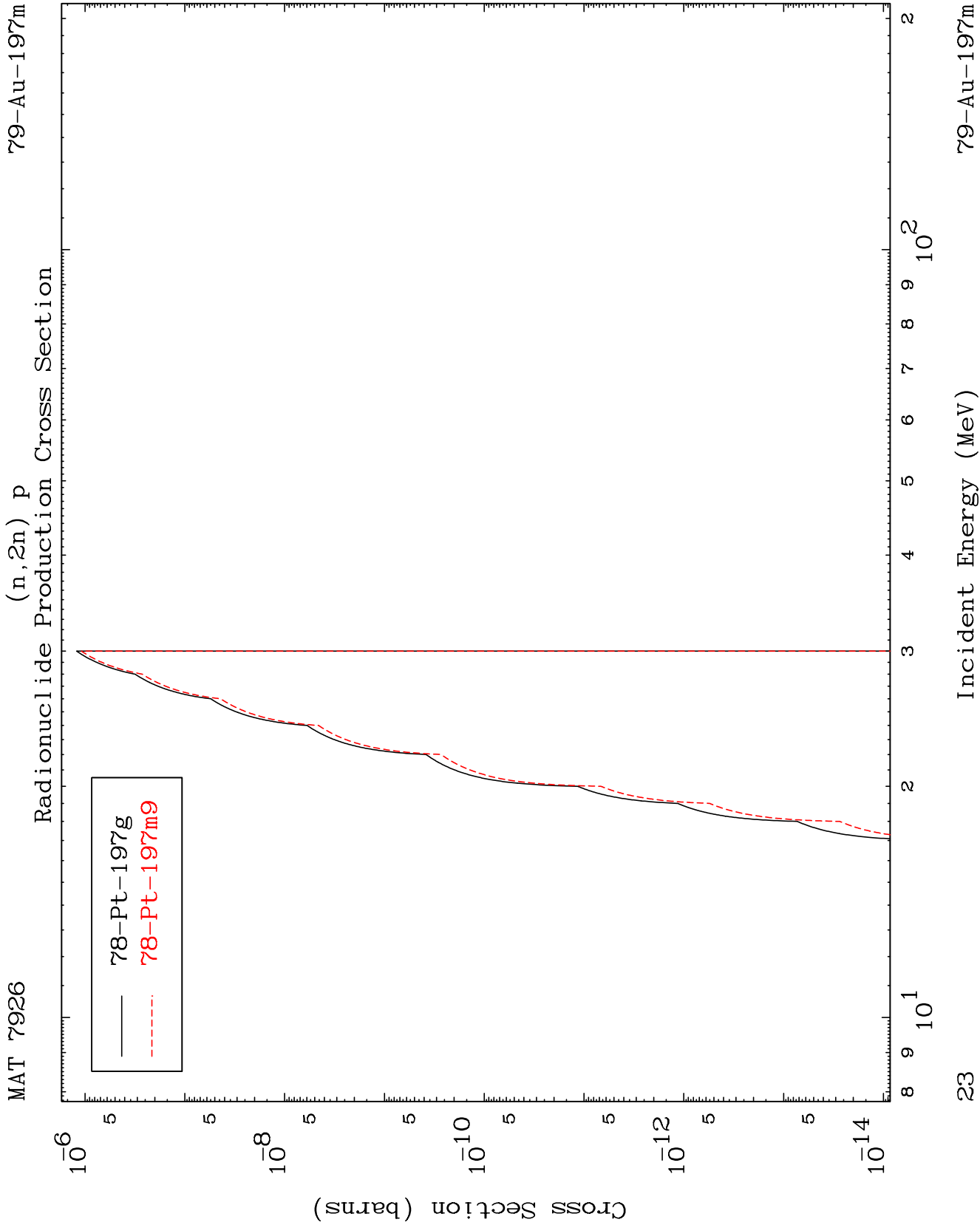
$^{79}\text{Au-197m}$

Incident Energy (MeV)

21

(n,3n) p  
Radionuclide Production Cross Section





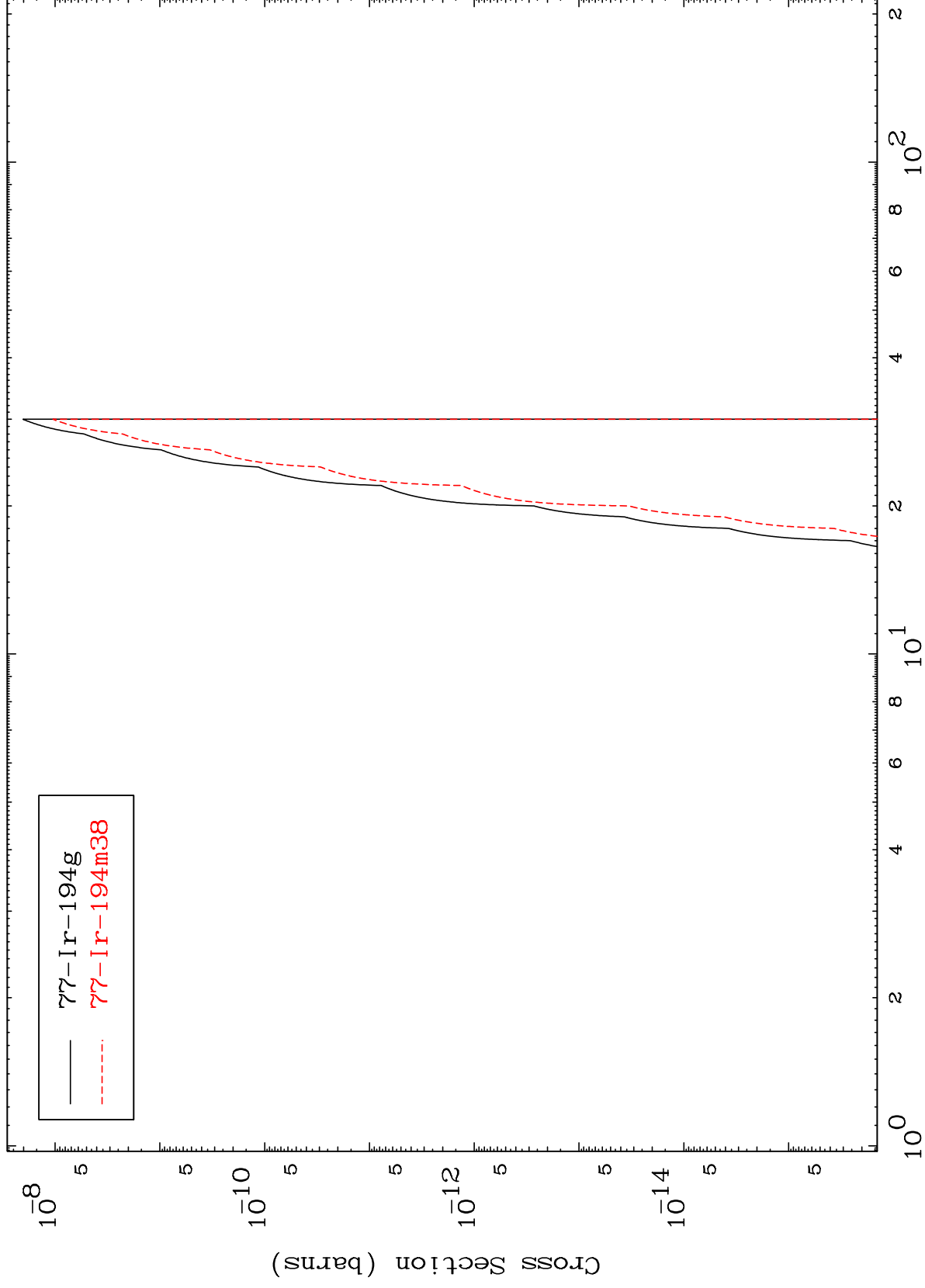


MAT 7926

$(n,n')\ p\ \alpha$

$^{79}\text{Au}-^{197}\text{m}$

Radionuclide Production Cross Section



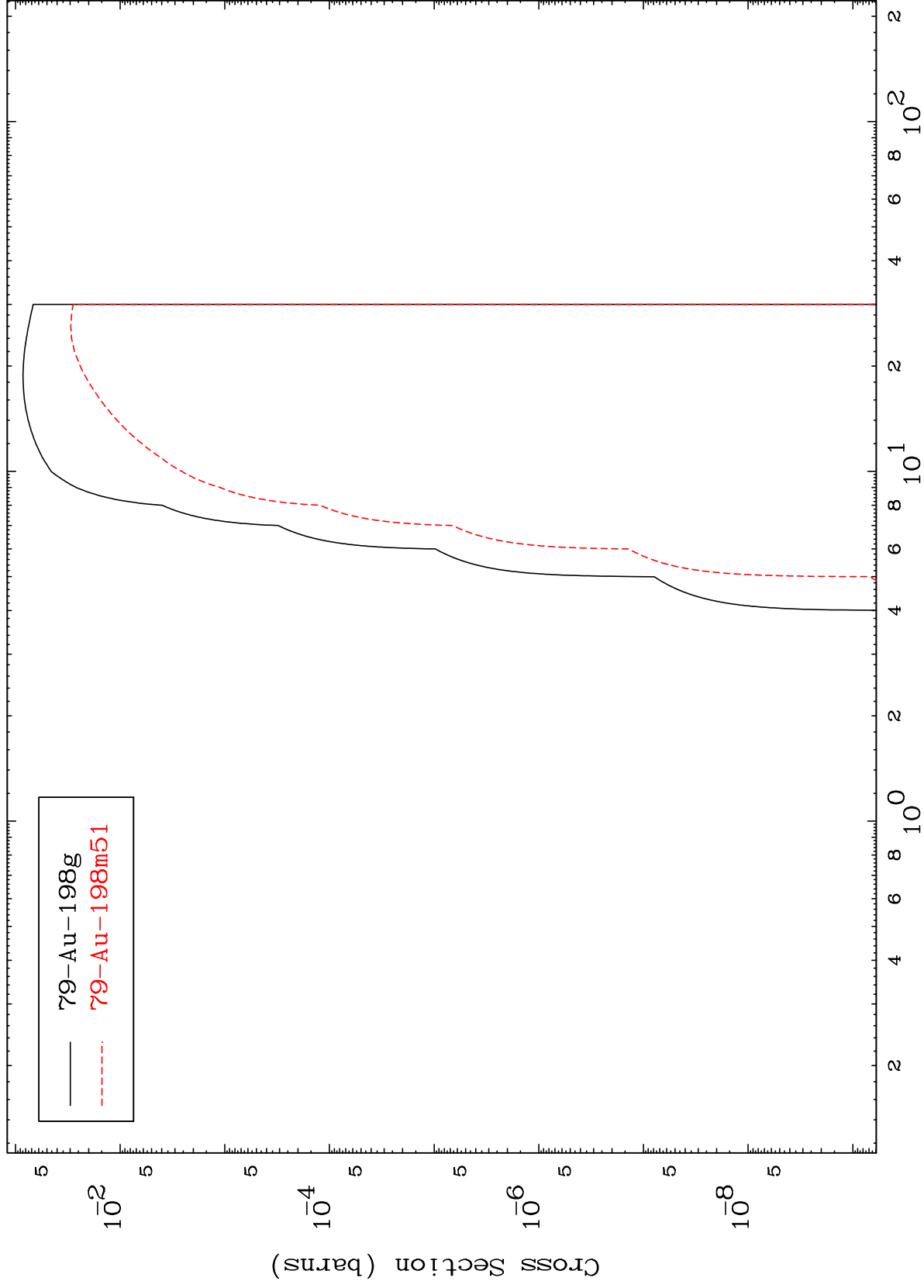
Incident Energy (MeV)

$^{79}\text{Au}-^{197}\text{m}$

MAT 7926

$^{79}\text{Au-197m}$

(n,d)  
Radionuclide Production Cross Section

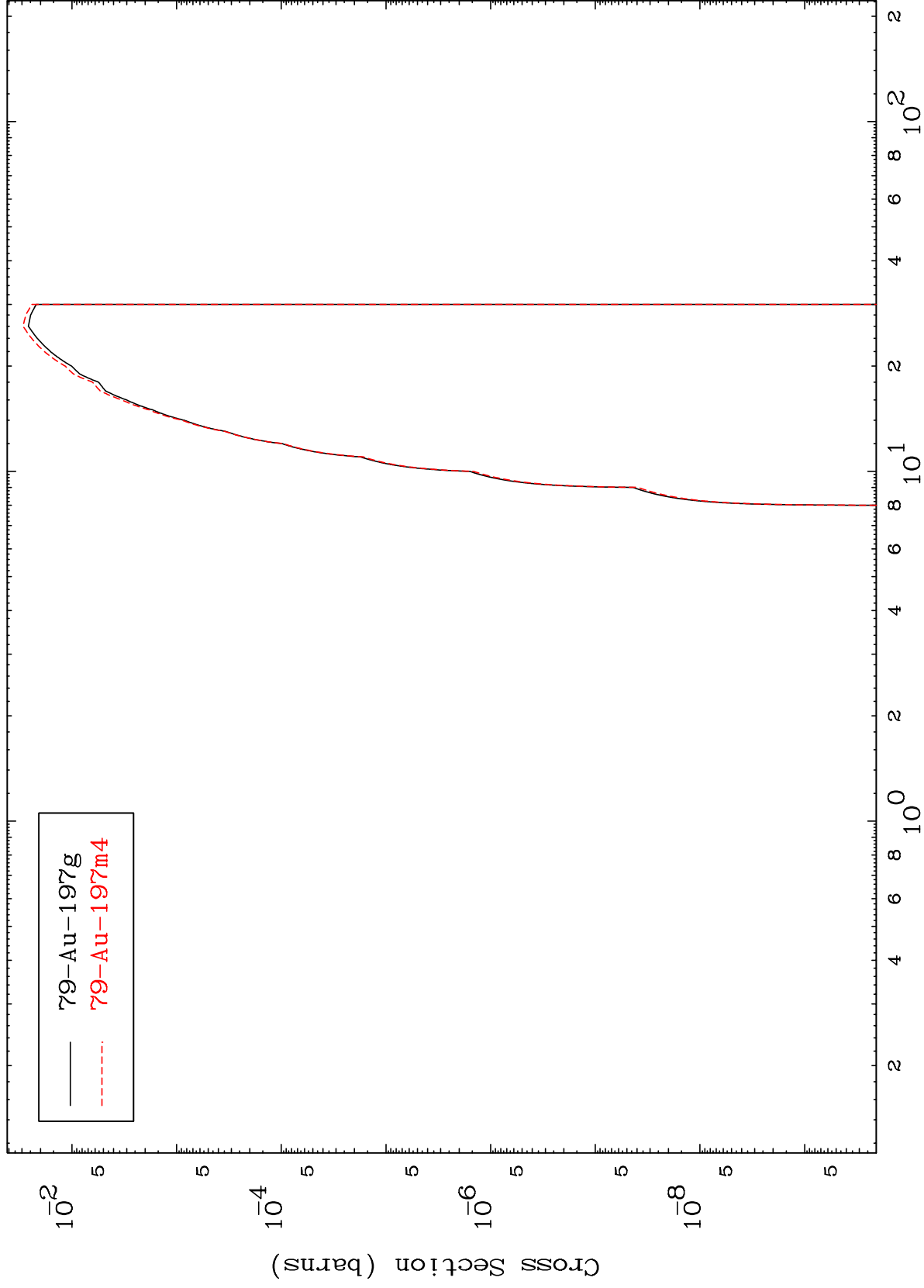


25

Incident Energy (MeV)

$^{79}\text{Au-197m}$

Radionuclide Production Cross Section (n,t)

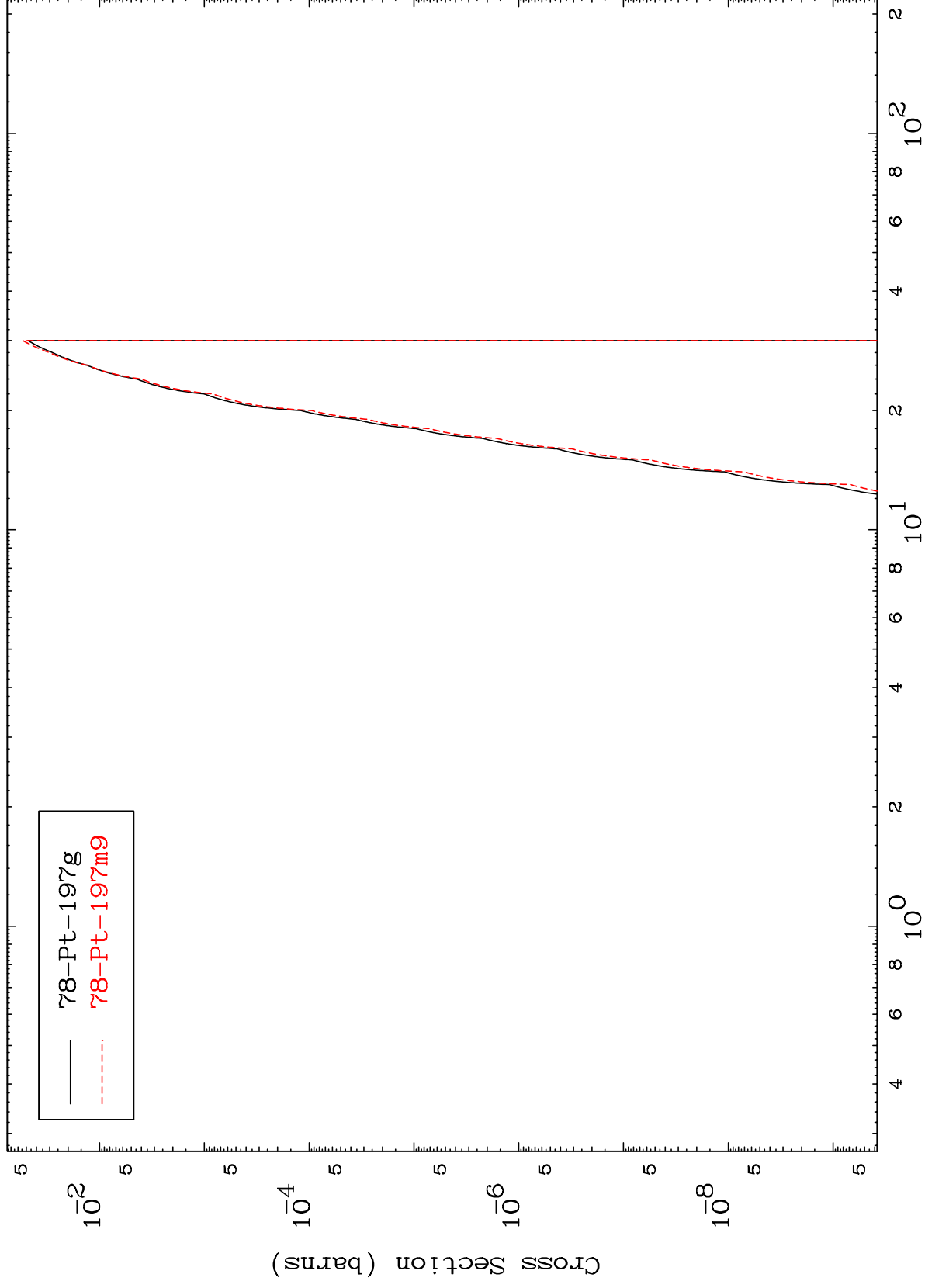


MAT 7926

(n,He-3)

<sup>79</sup>Au-197m

Radionuclide Production Cross Section



27

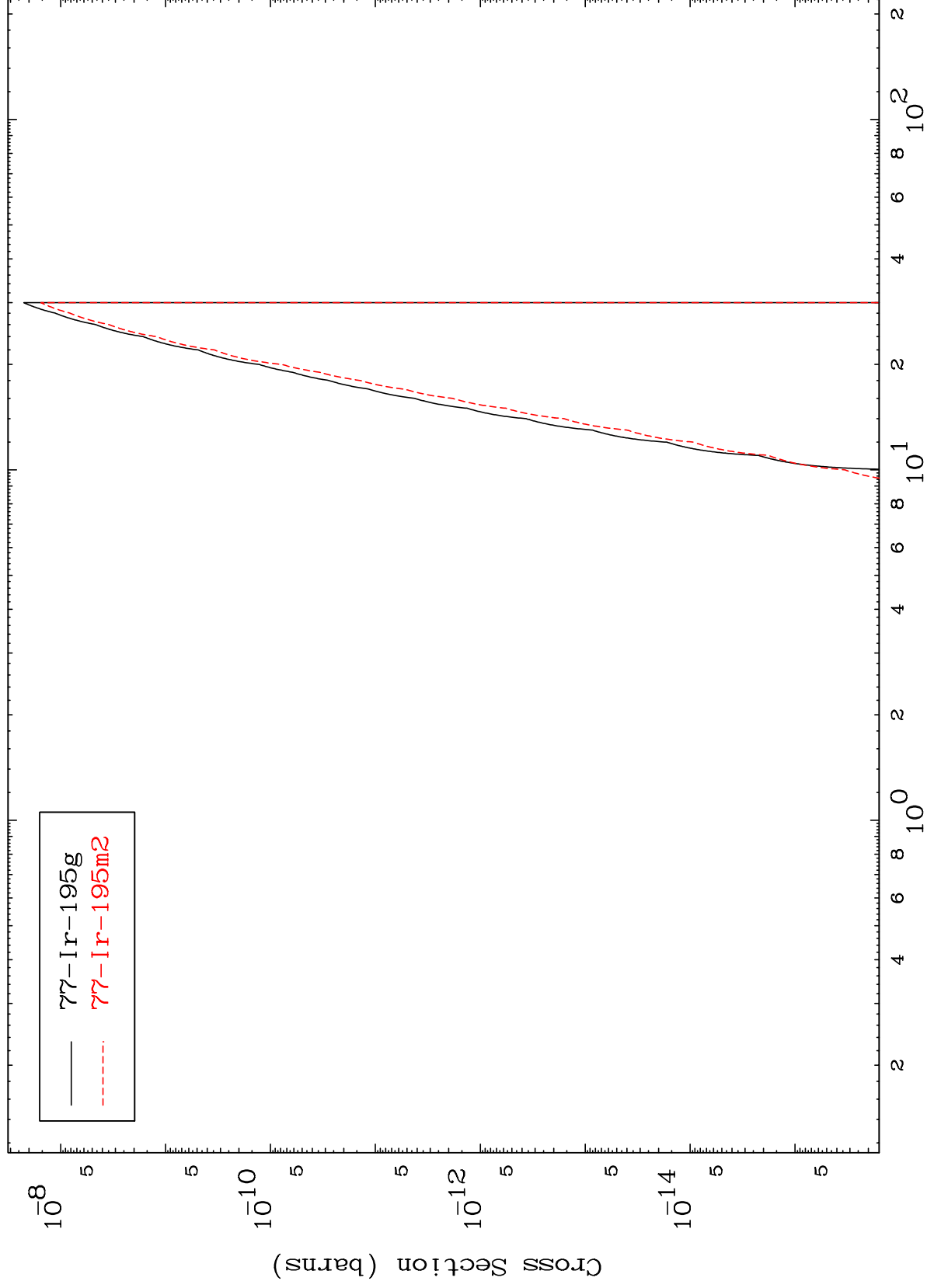
Incident Energy (MeV)

<sup>79</sup>Au-197m

MAT 7926

$^{79}\text{Au-197m}$

$(n,p) \alpha$   
Radionuclide Production Cross Section



28

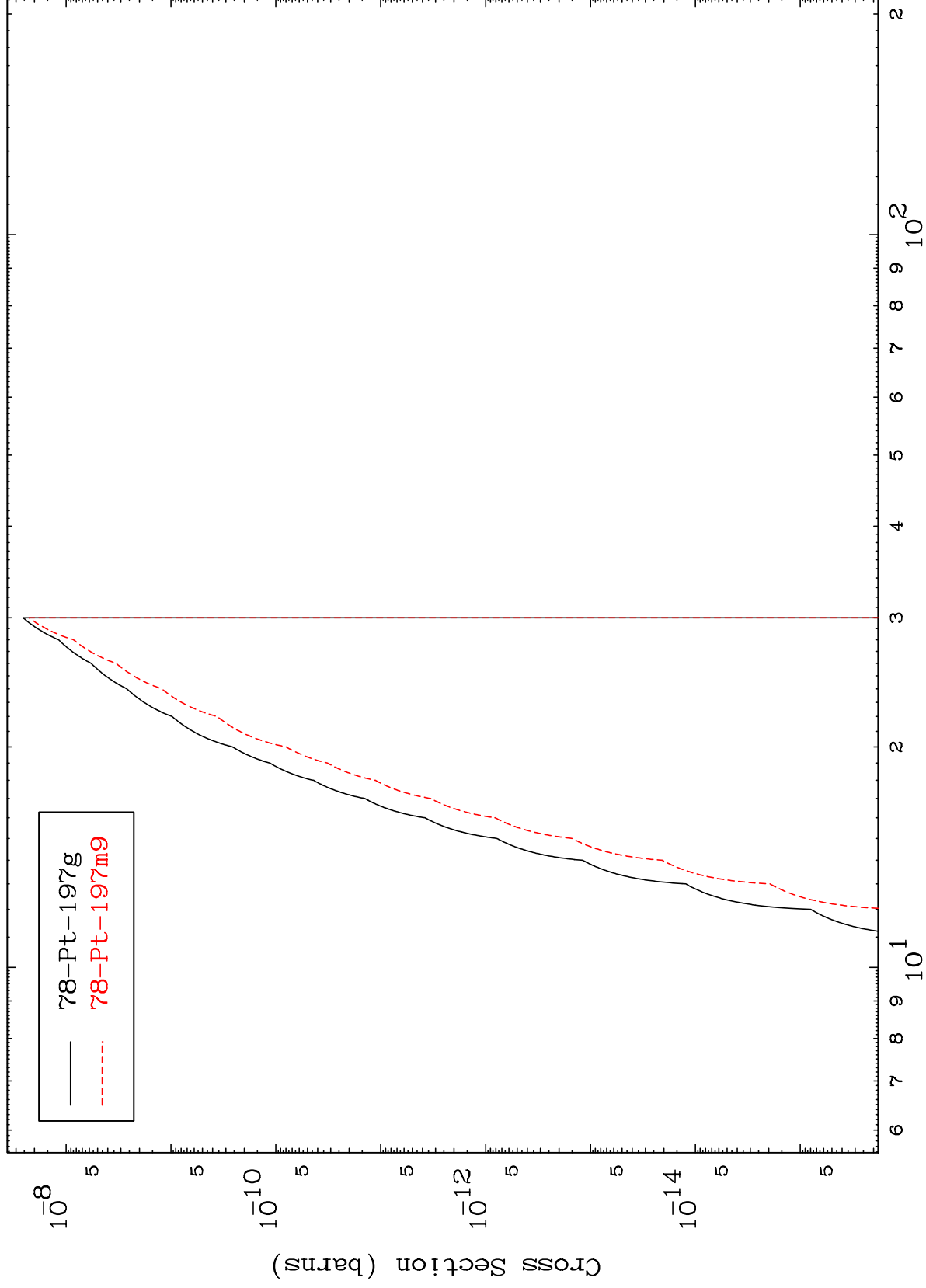
Incident Energy (MeV)

$^{79}\text{Au-197m}$

MAT 7926

<sup>79</sup>Au-197m

(n,p) d  
Radionuclide Production Cross Section



29

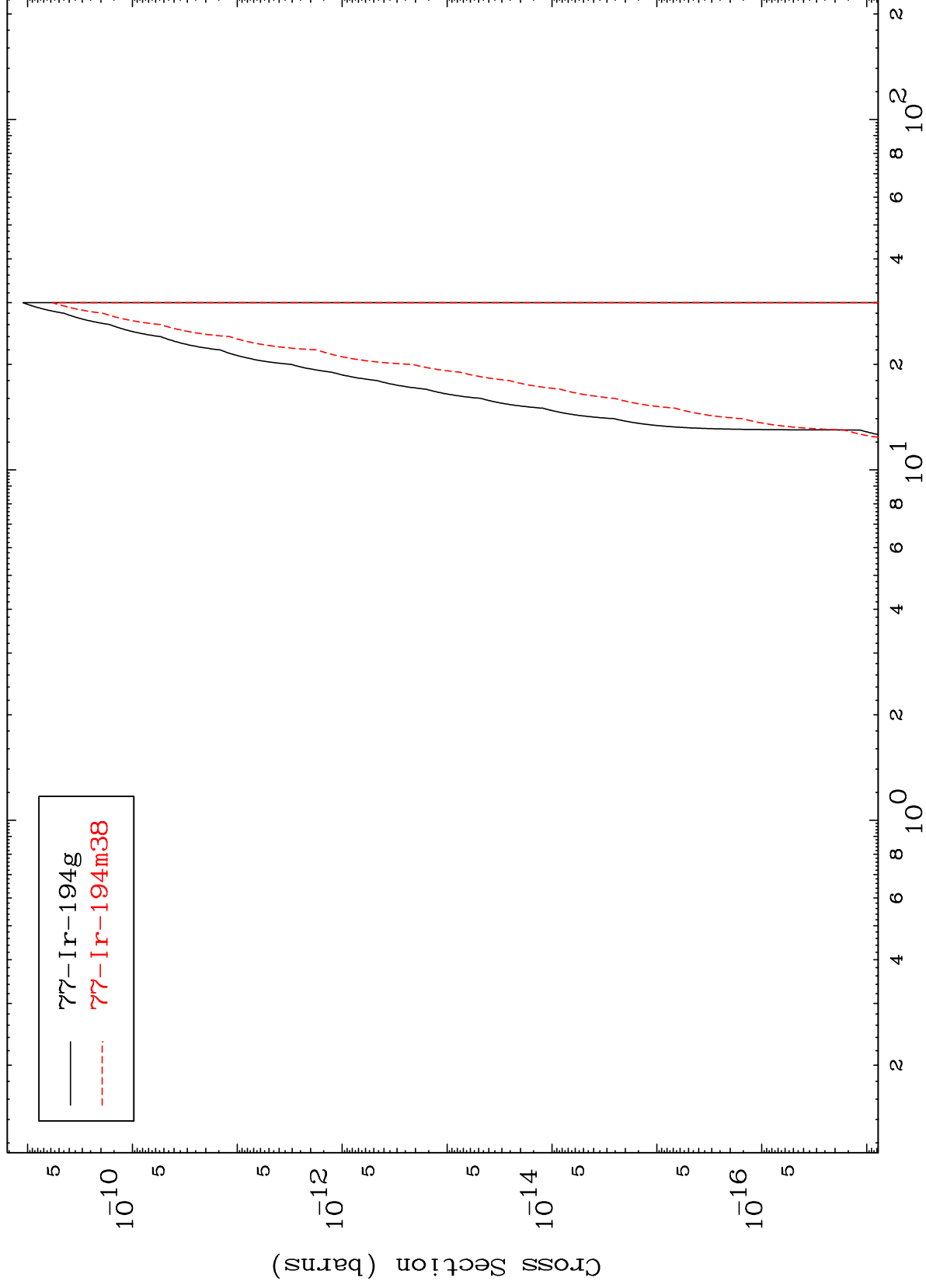
Incident Energy (MeV)

<sup>79</sup>Au-197m

MAT 7926

<sup>79</sup>Au-197m

(n,d) α  
Radionuclide Production Cross Section



30

Incident Energy (MeV)

<sup>79</sup>Au-197m