

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

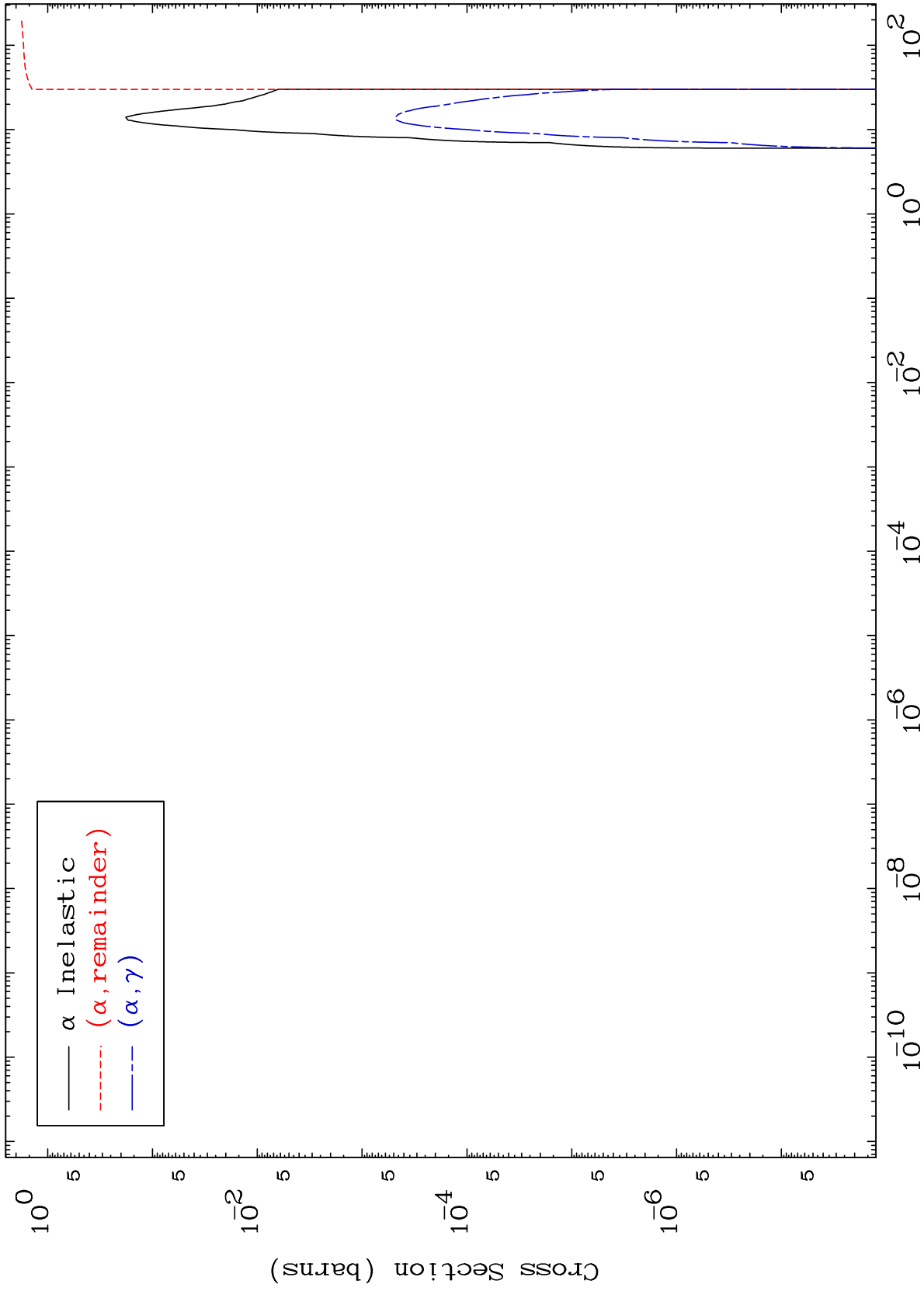
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3517

0 Kelvin  $\alpha$  Major  
Cross Sections

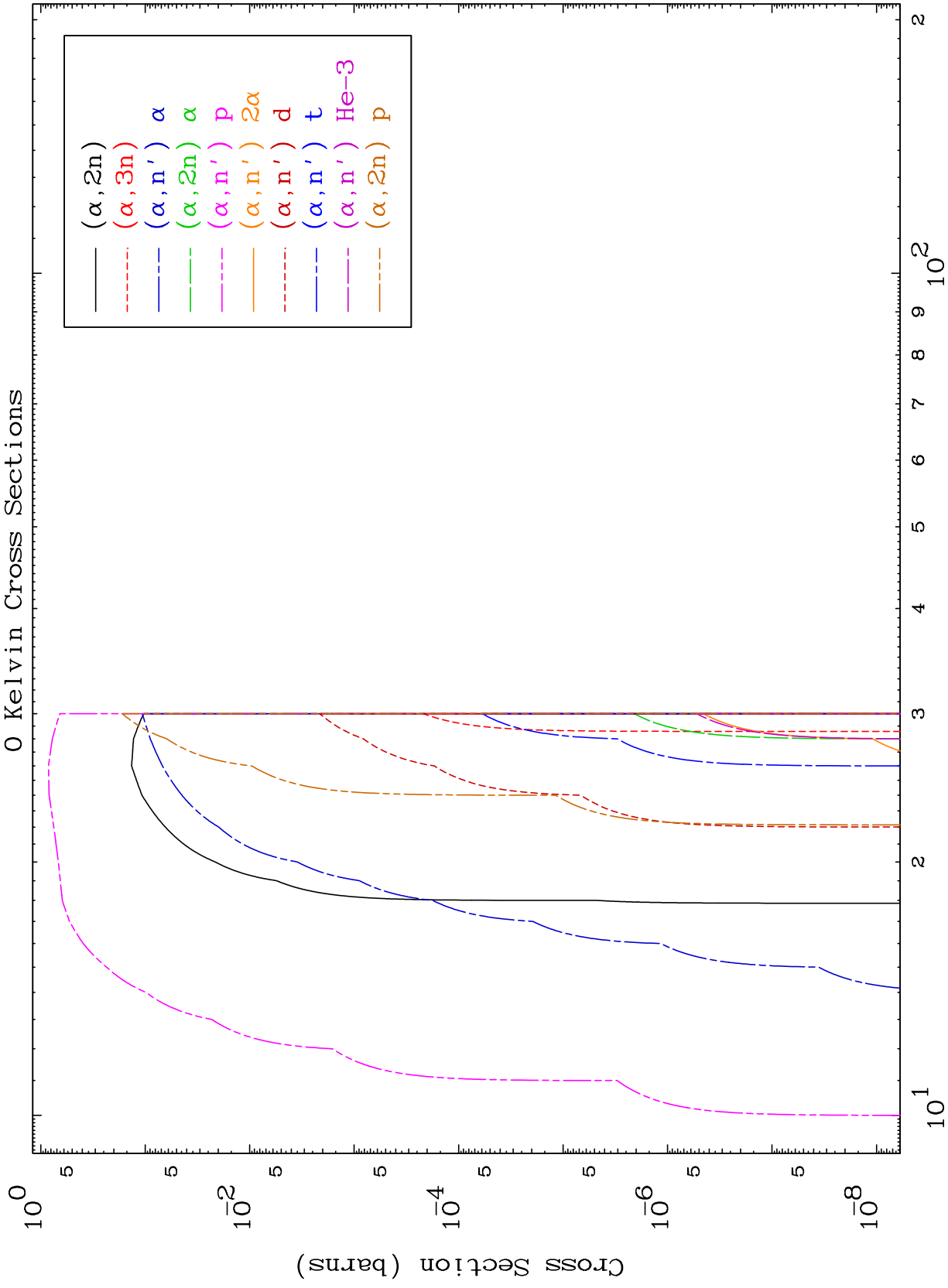
35-Br-76



MAT 3517

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

35-Br-76



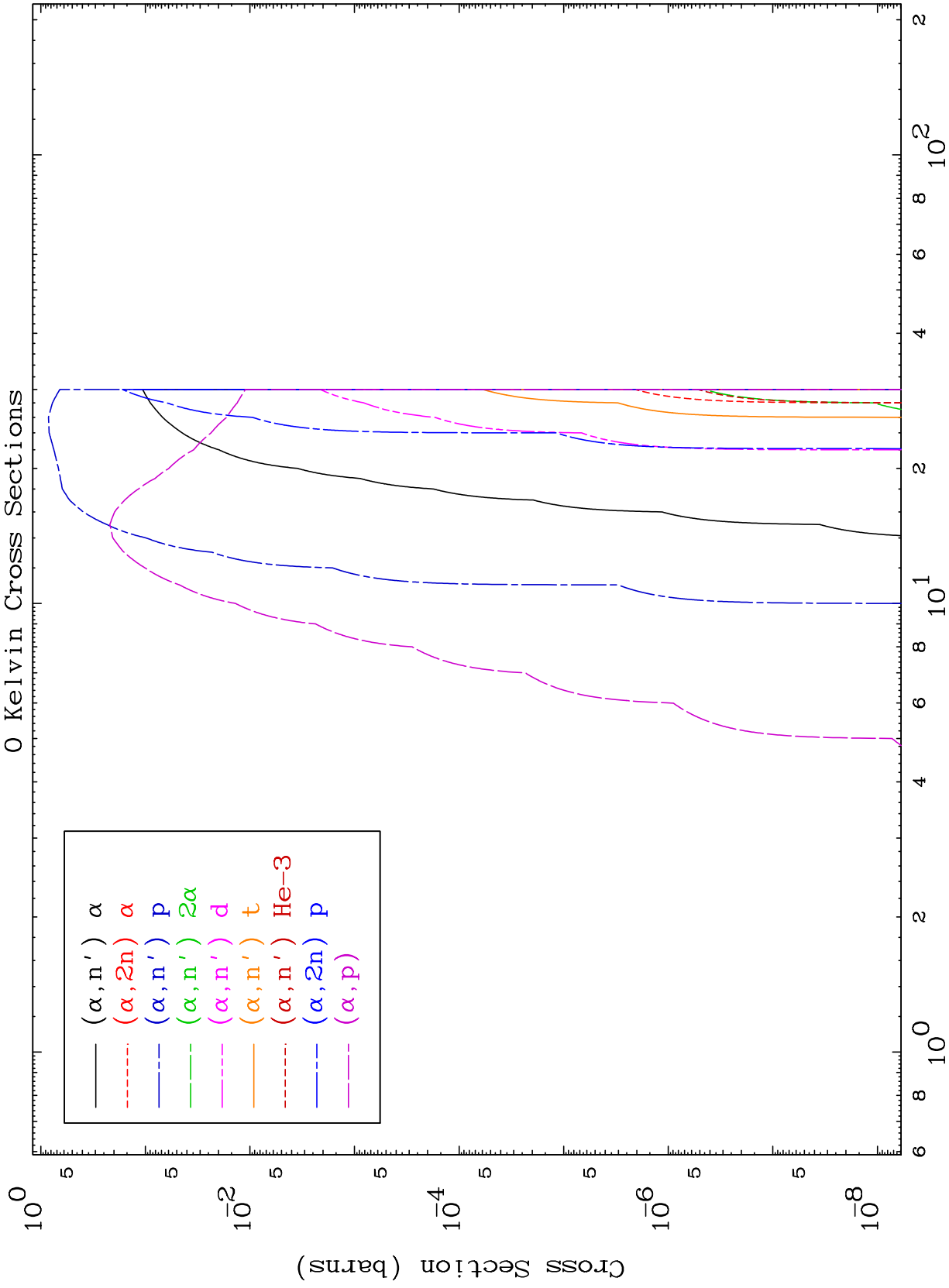
Incident Energy (MeV)

35-Br-76

MAT 3517

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

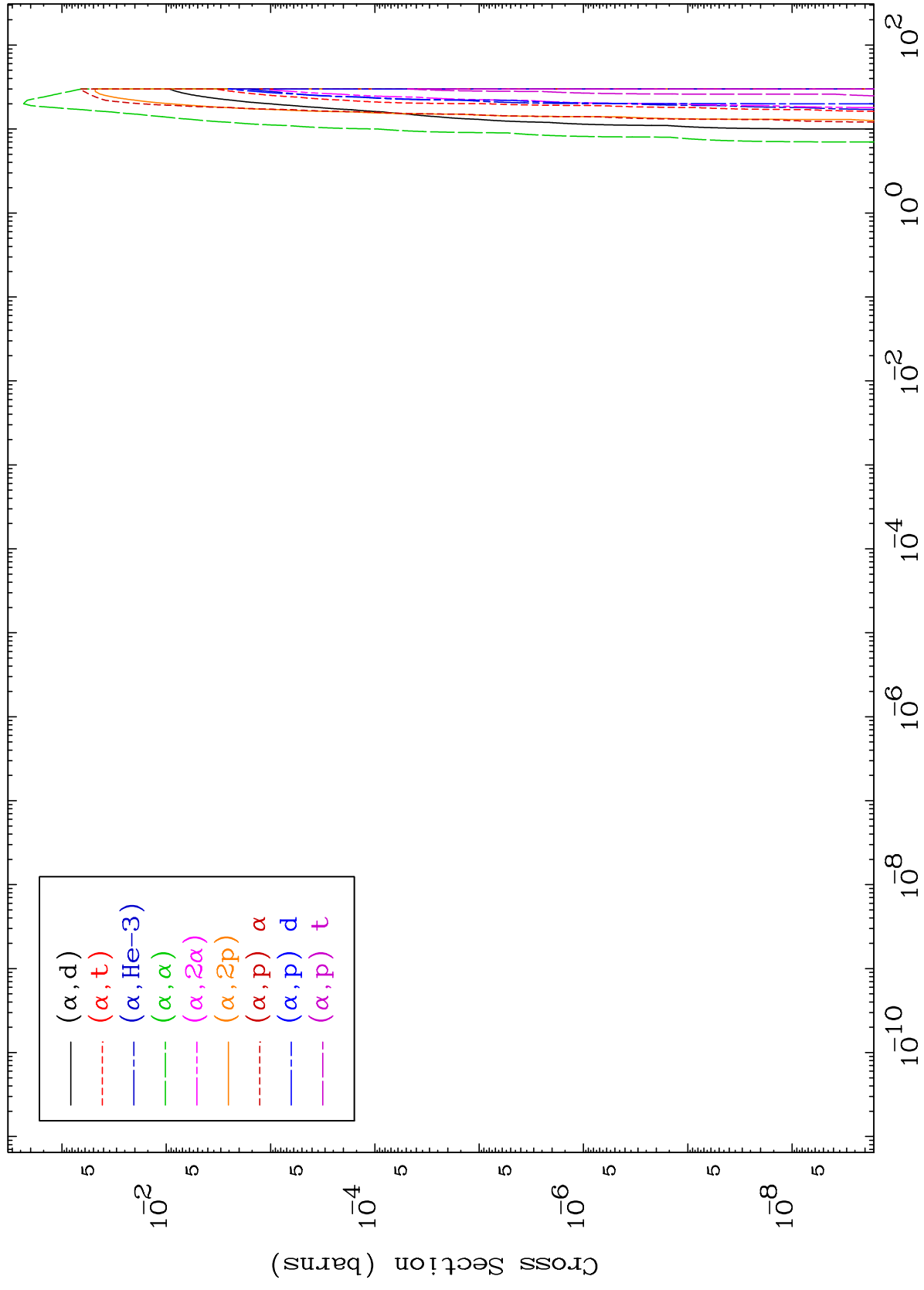
35-Br-76



3

Incident Energy (MeV)

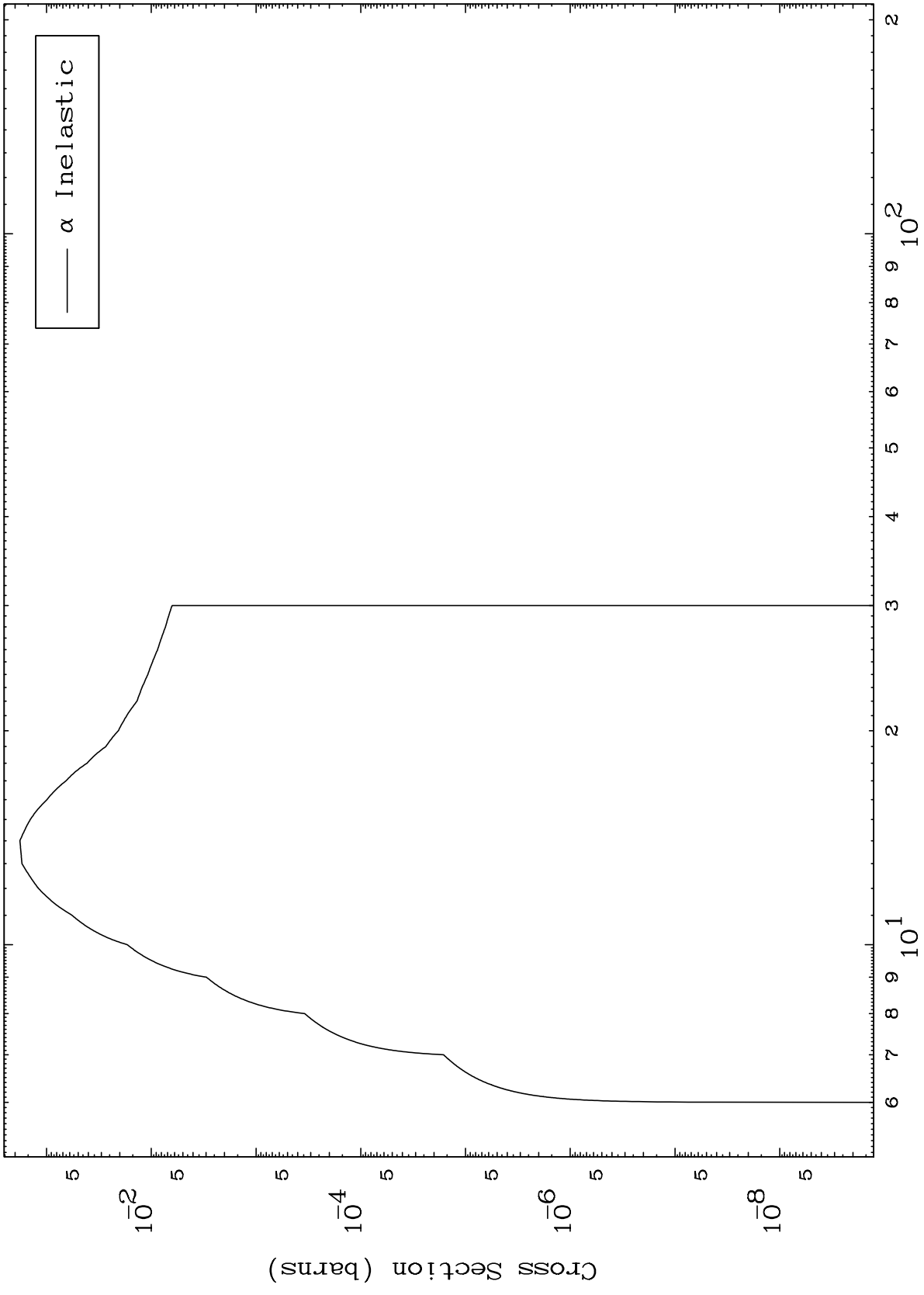
35-Br-76



MAT 3517

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

35-Br-76



5

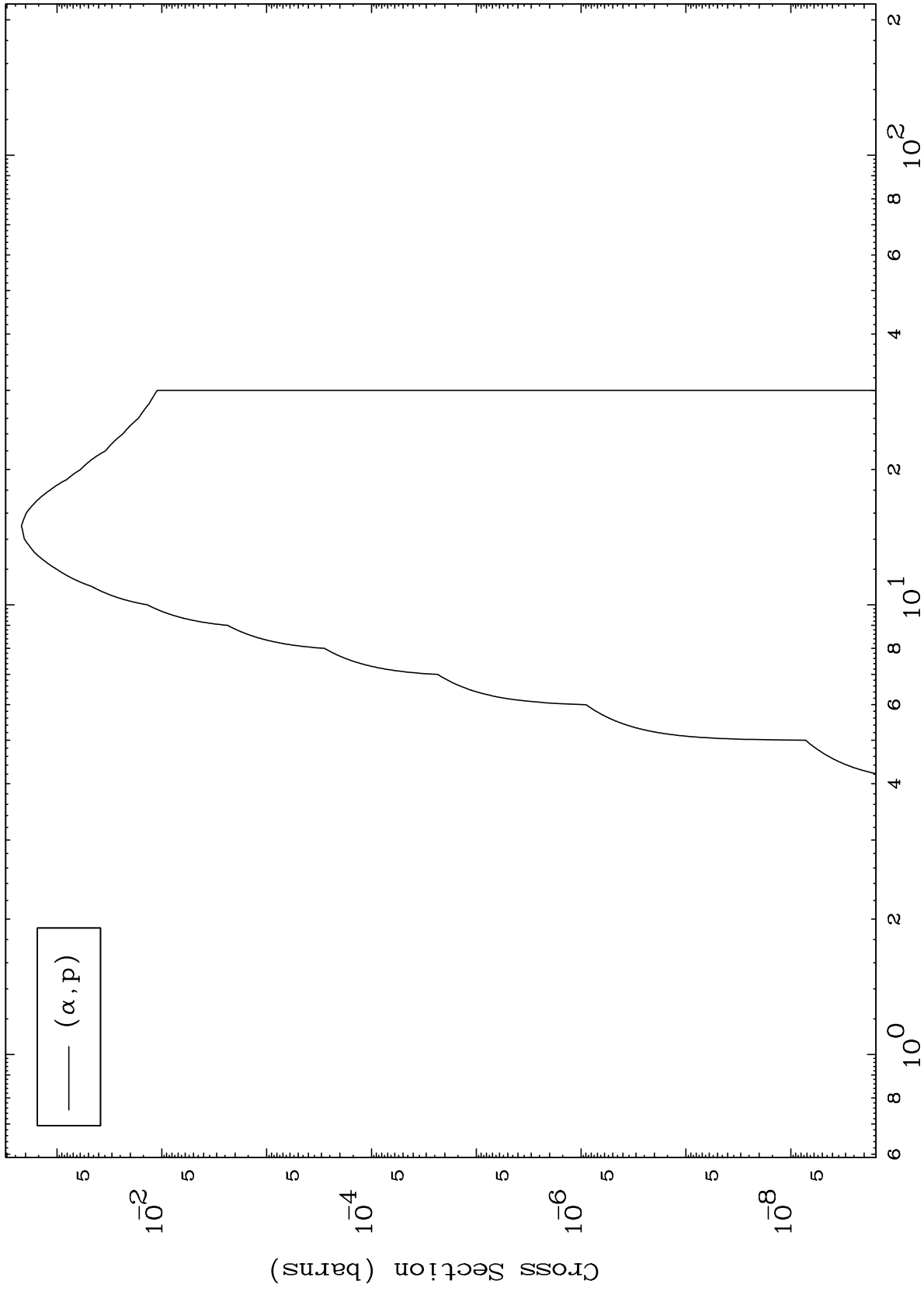
Incident Energy (MeV)

35-Br-76

MAT 3517

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

35-Br-76



6

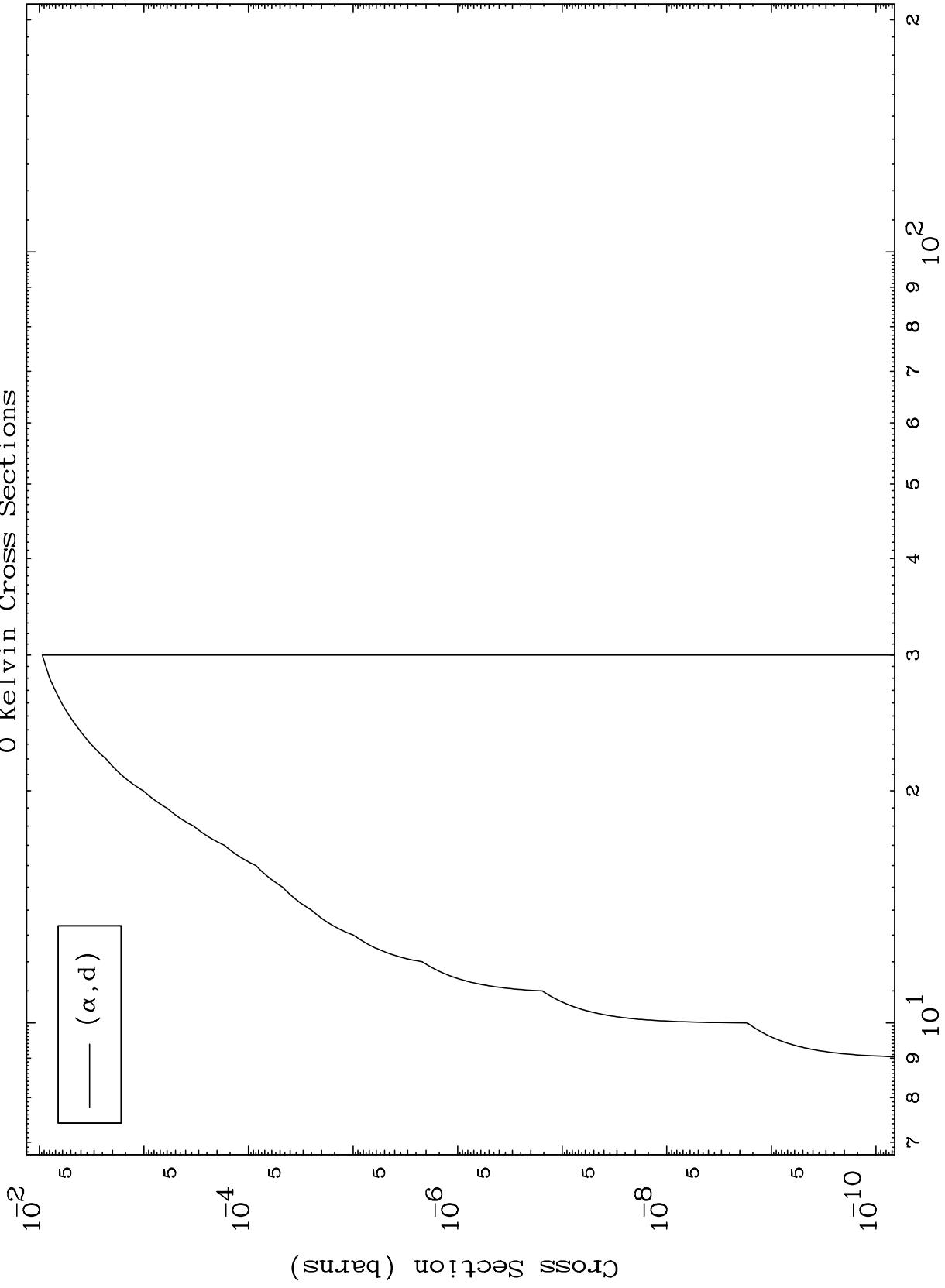
Incident Energy (MeV)

35-Br-76

MAT 3517

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

35-Br-76

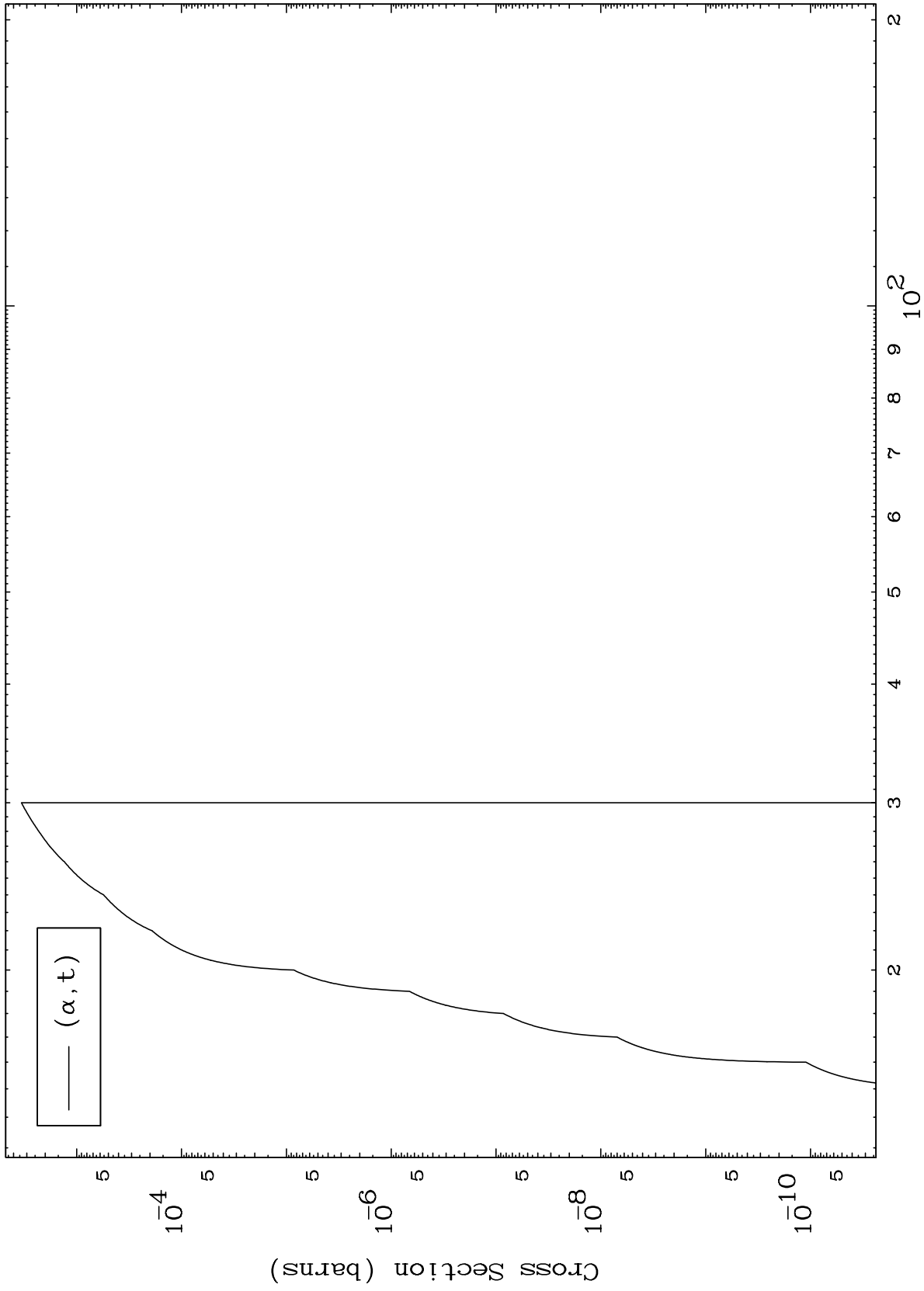


7

Incident Energy (MeV)

35-Br-76

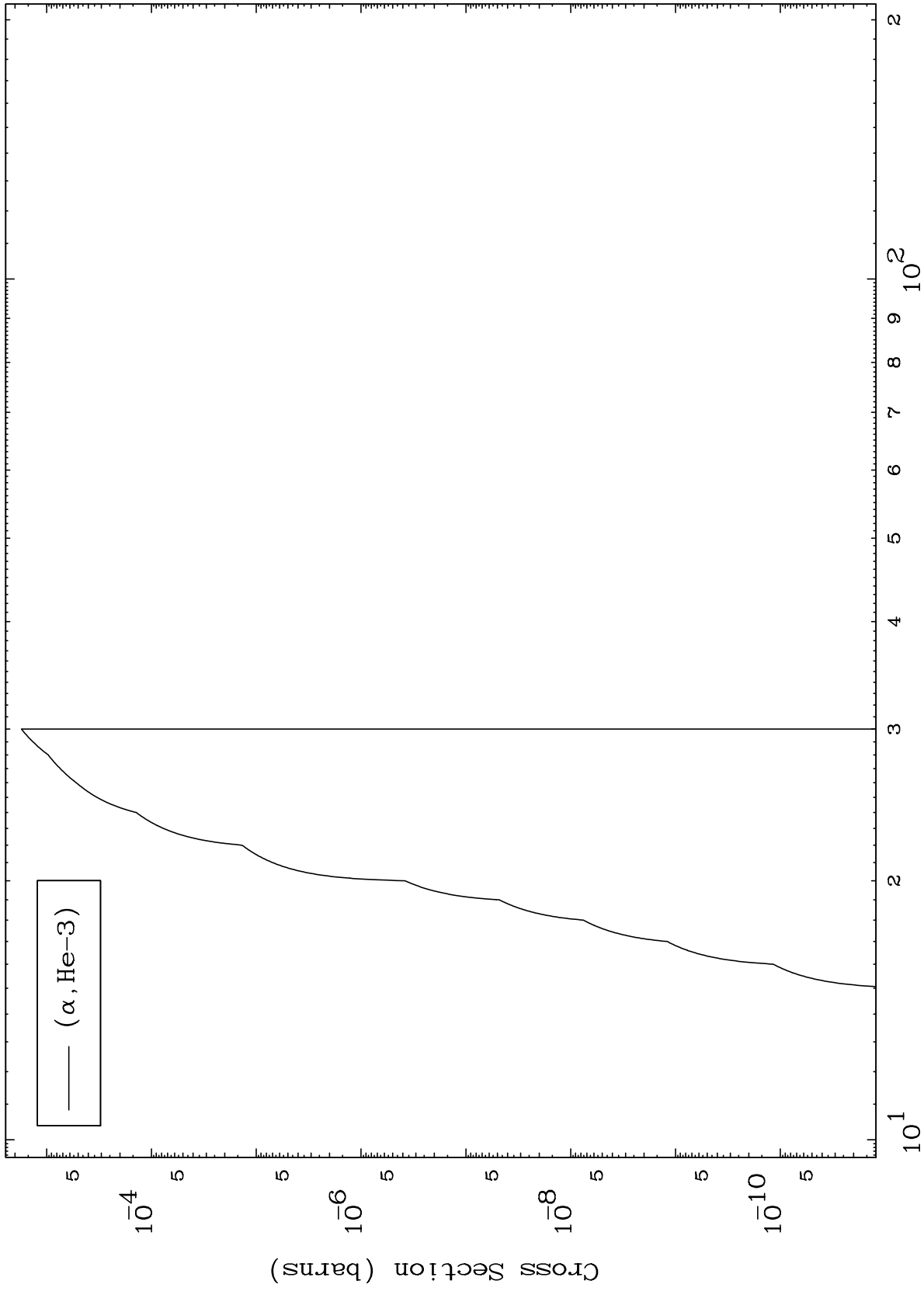




MAT 3517

( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections

35-Br-76



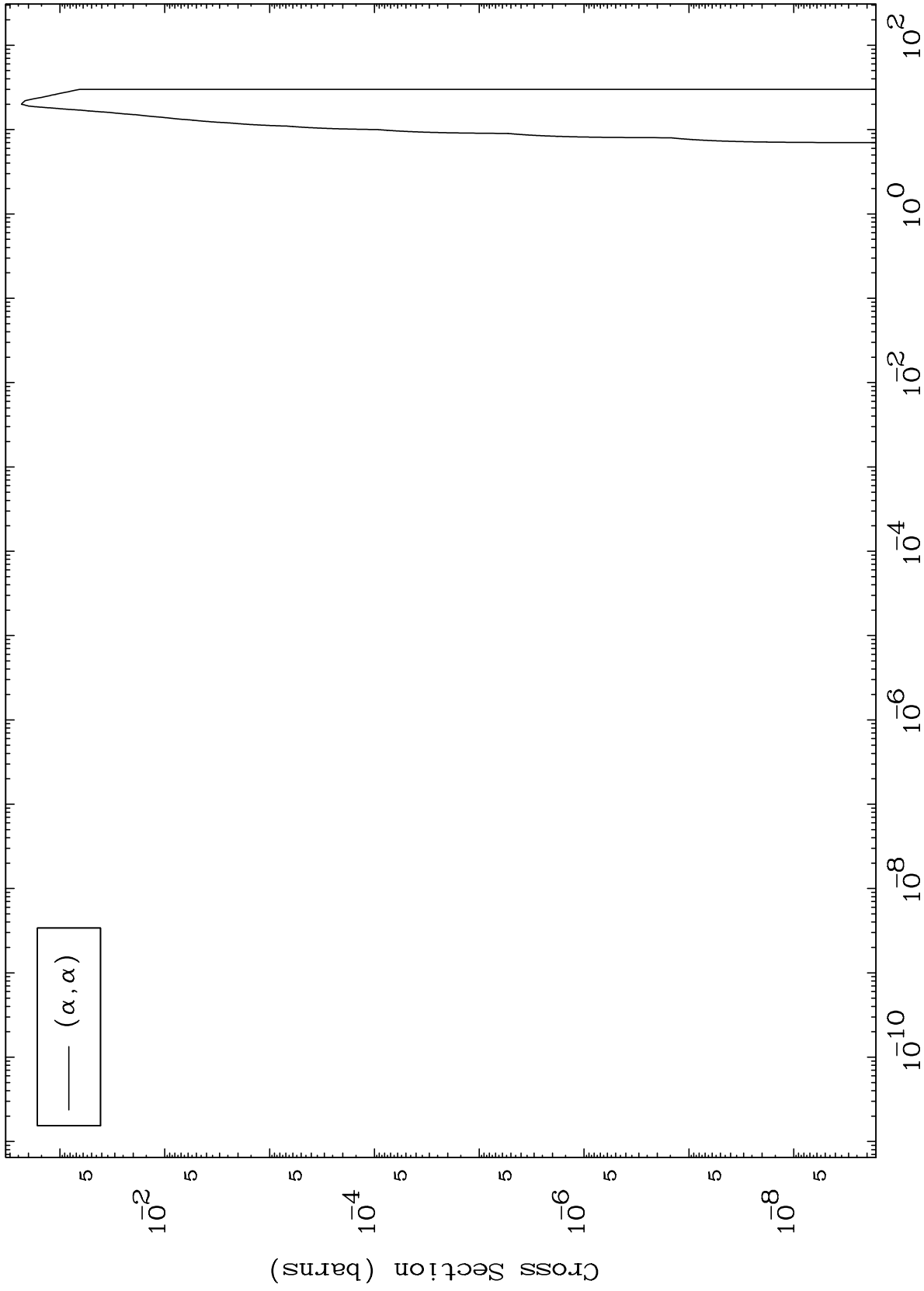
Incident Energy (MeV)

35-Br-76

MAT 3517

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

35-Br-76



10

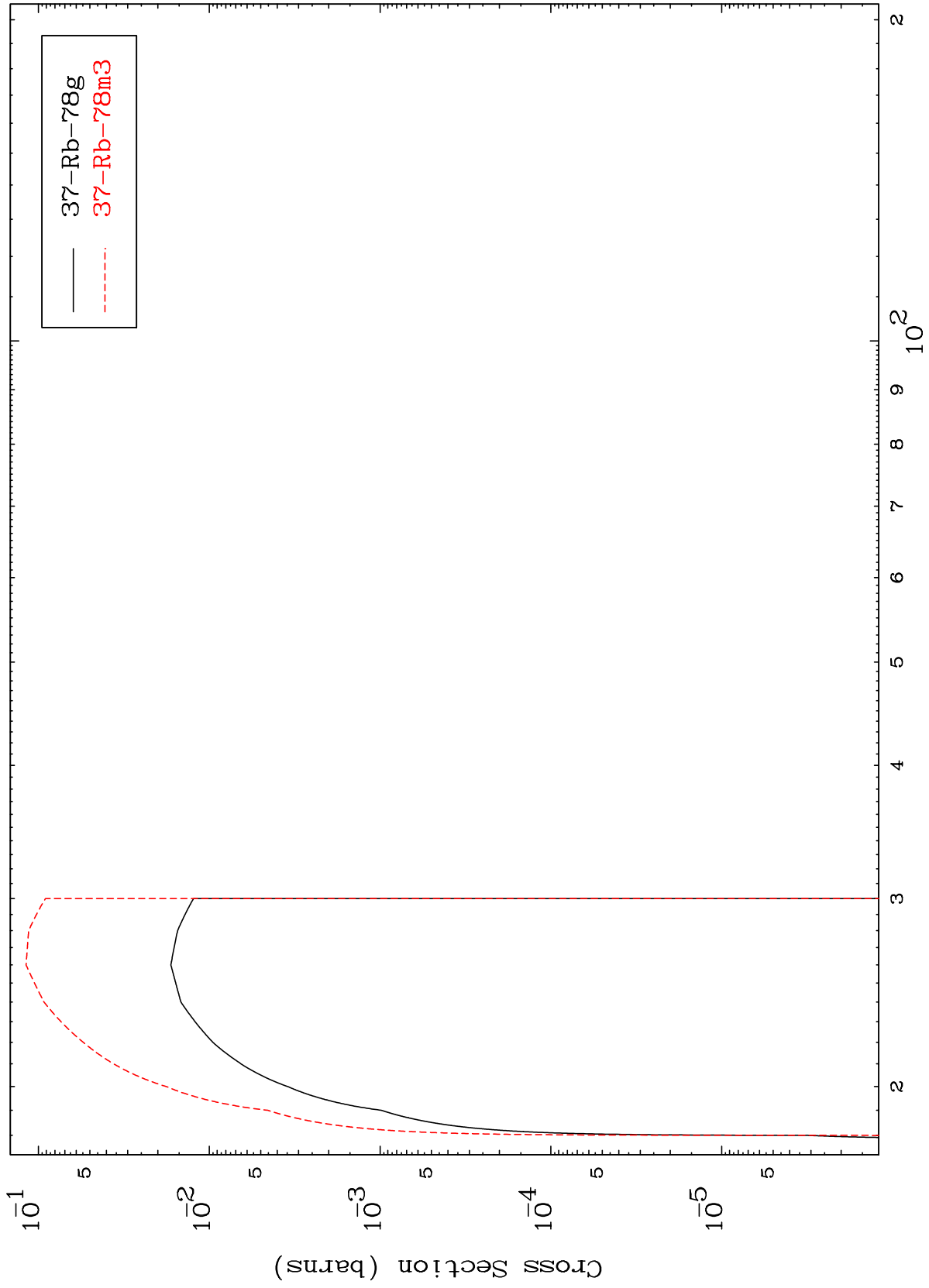
Incident Energy (MeV)

35-Br-76

MAT 3517

35-Br-76

( $\alpha, 2n$ )  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

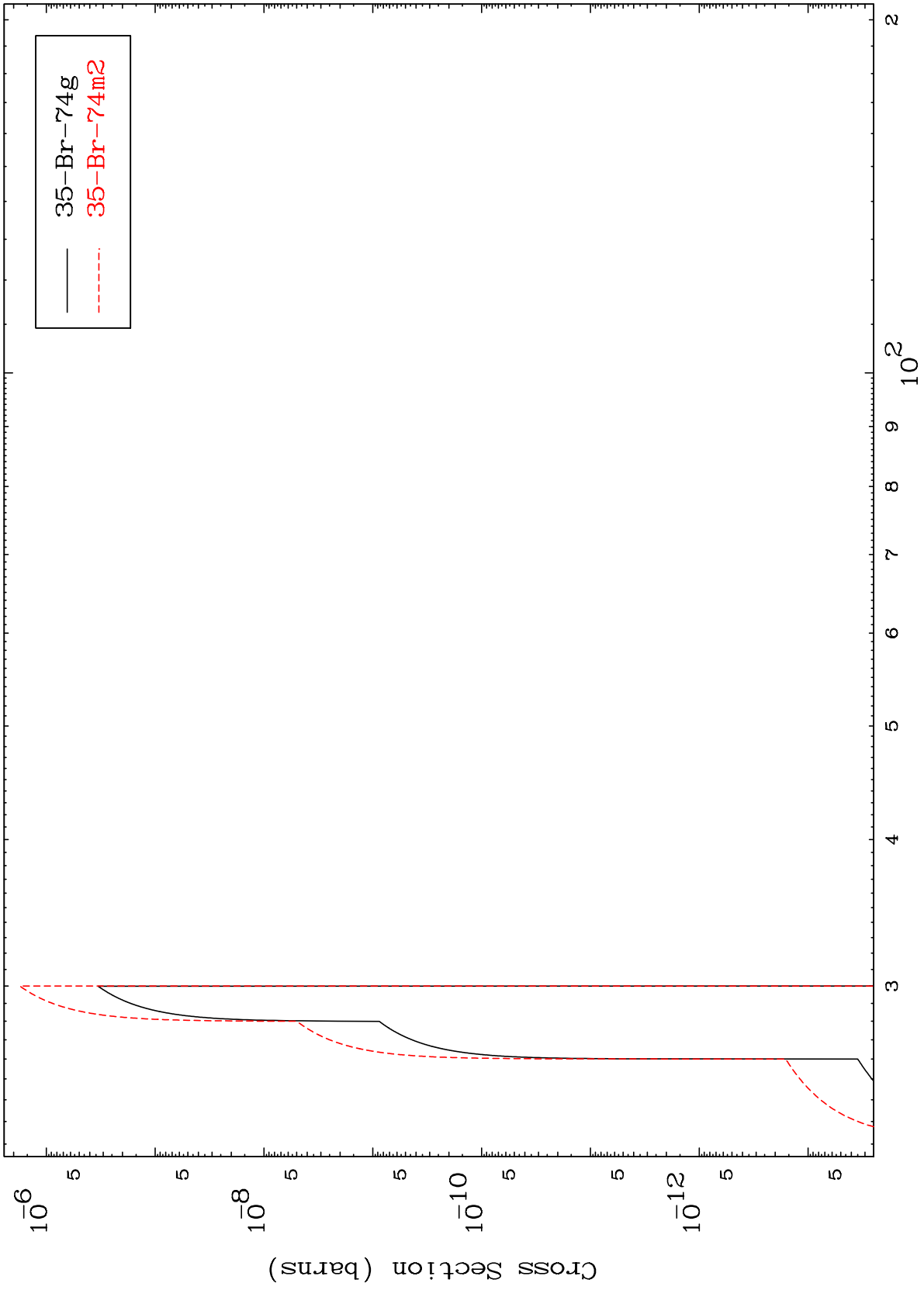
35-Br-76

MAT 3517

$(\alpha, 2n) \alpha$

$^{35}\text{Br-76}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

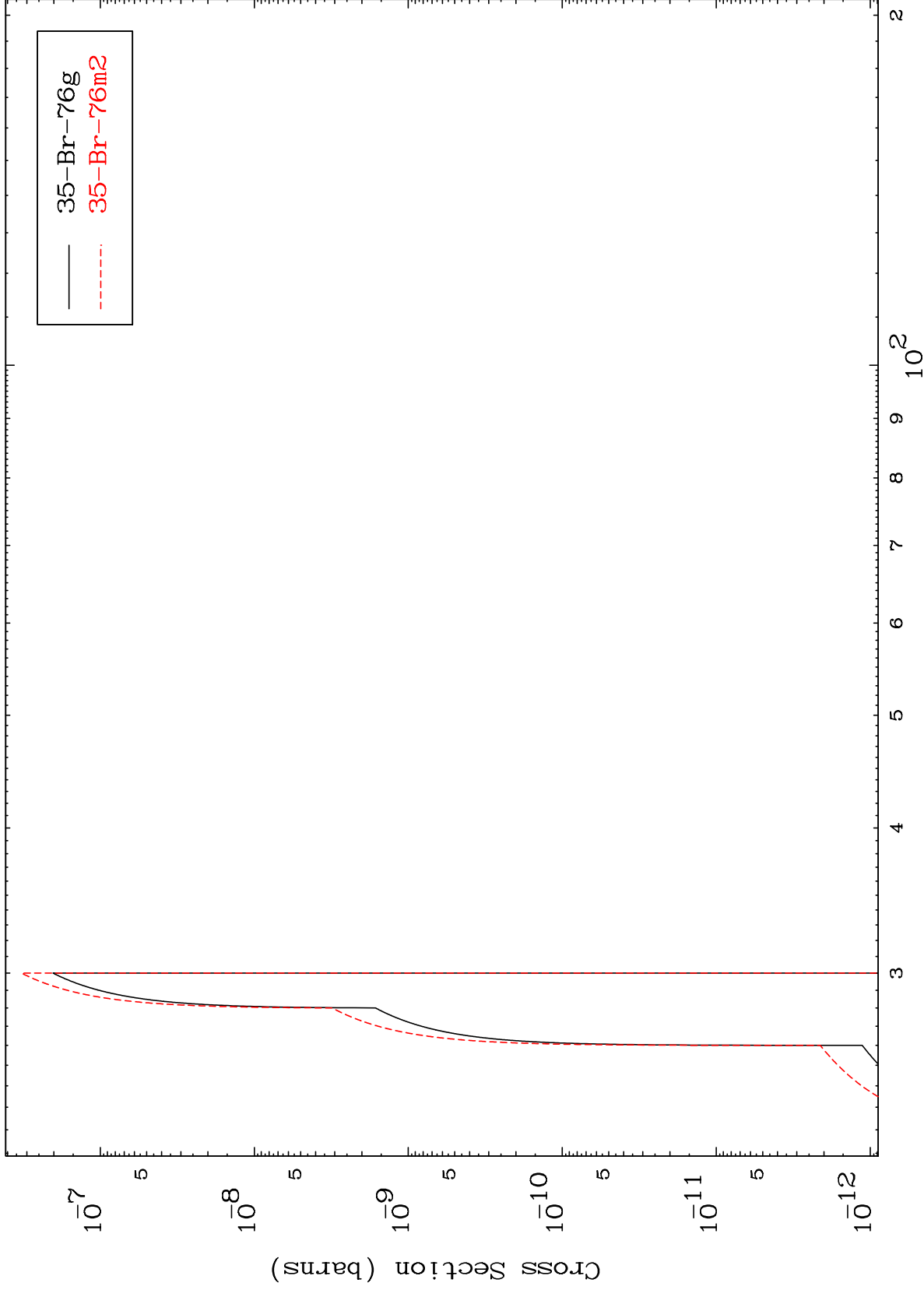
$^{35}\text{Br-76}$

MAT 3517

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

<sup>35</sup>Br-76

Radionuclide Production Cross Section



13

Incident Energy (MeV)

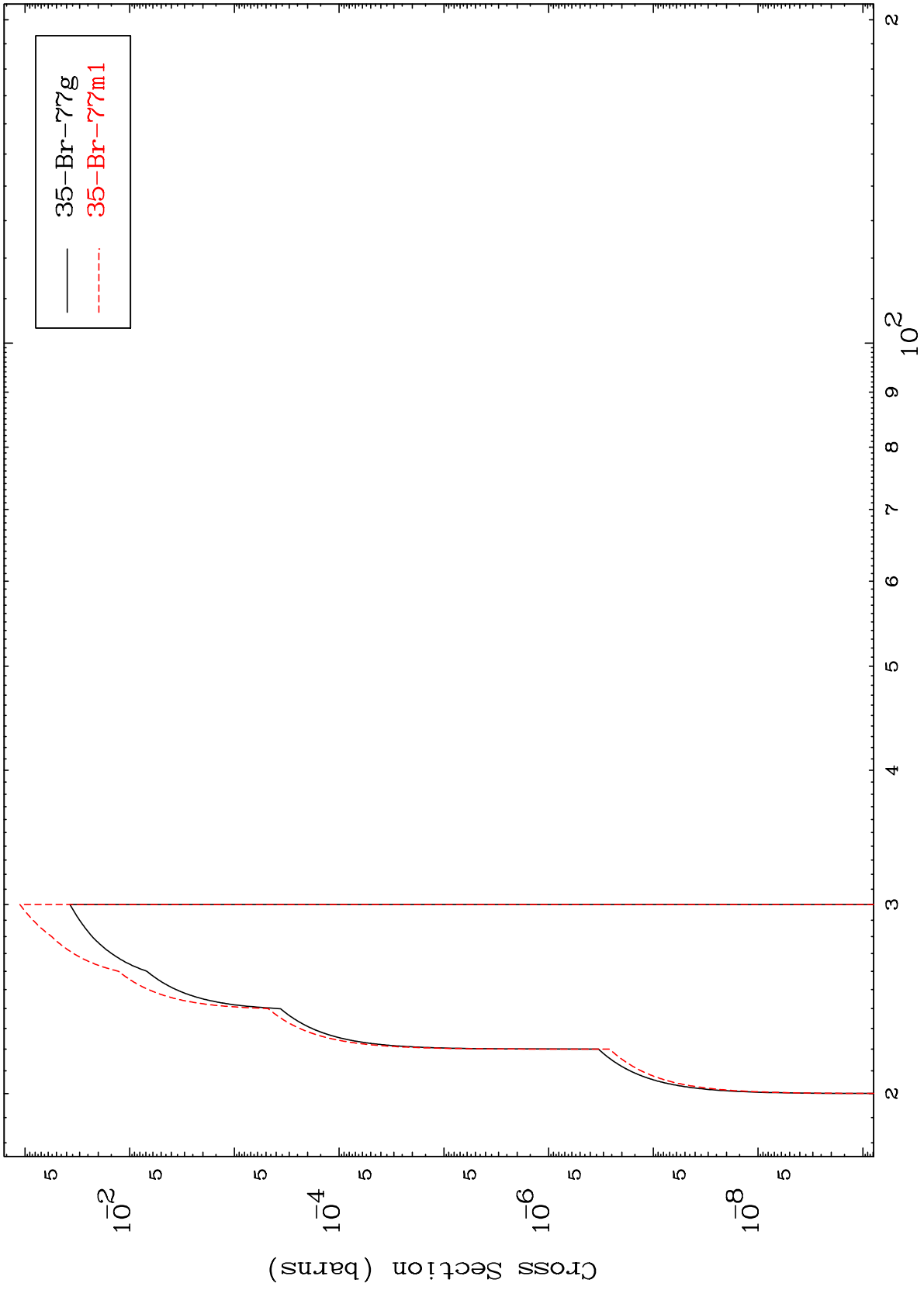
<sup>35</sup>Br-76

MAT 3517

( $\alpha, 2n$ ) p

<sup>35</sup>Br-76

Radionuclide Production Cross Section



14

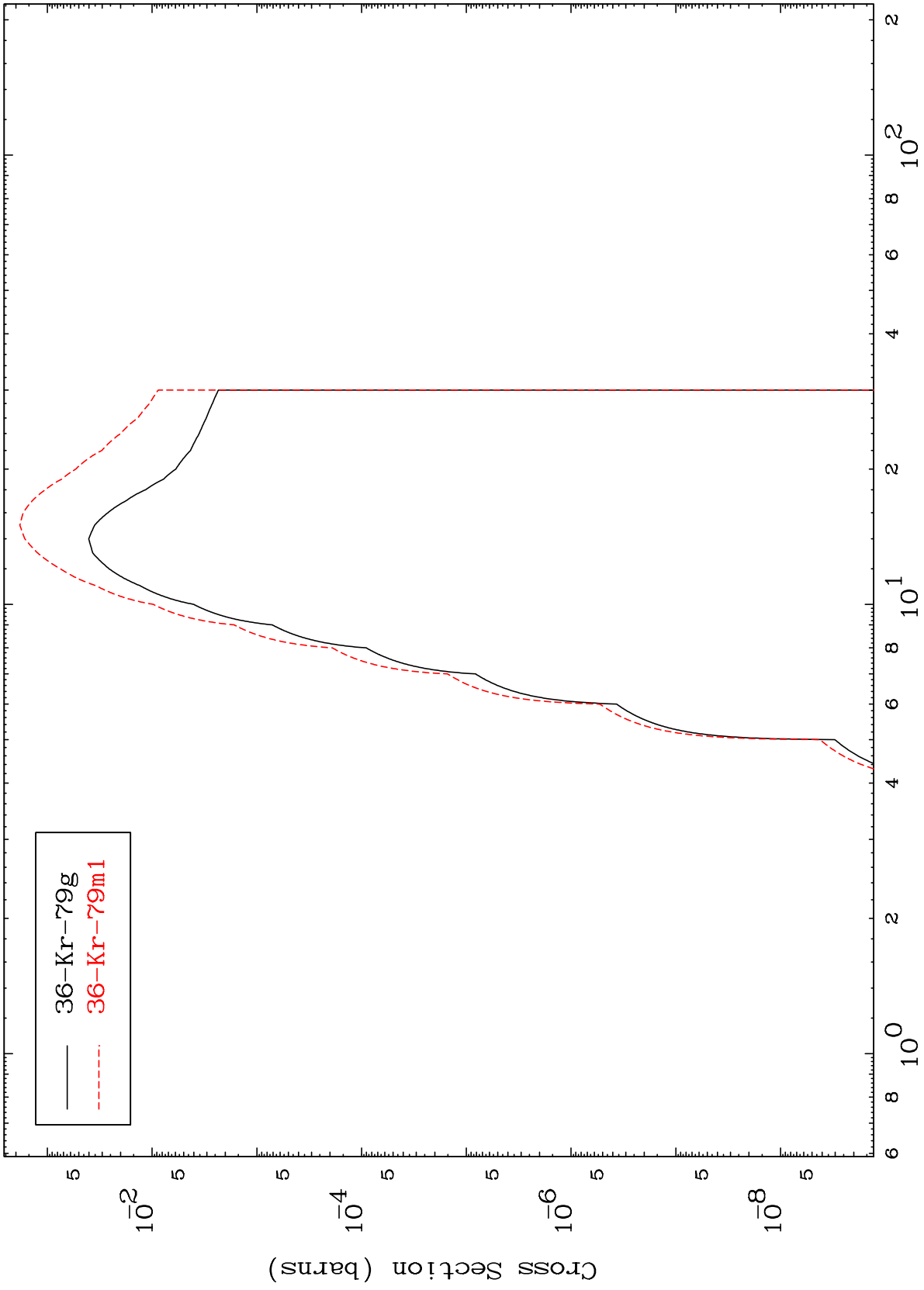
Incident Energy (MeV)

<sup>35</sup>Br-76

MAT 3517

35-Br-76

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



36-Kr-79g  
36-Kr-79m1

15

Incident Energy (MeV)

35-Br-76

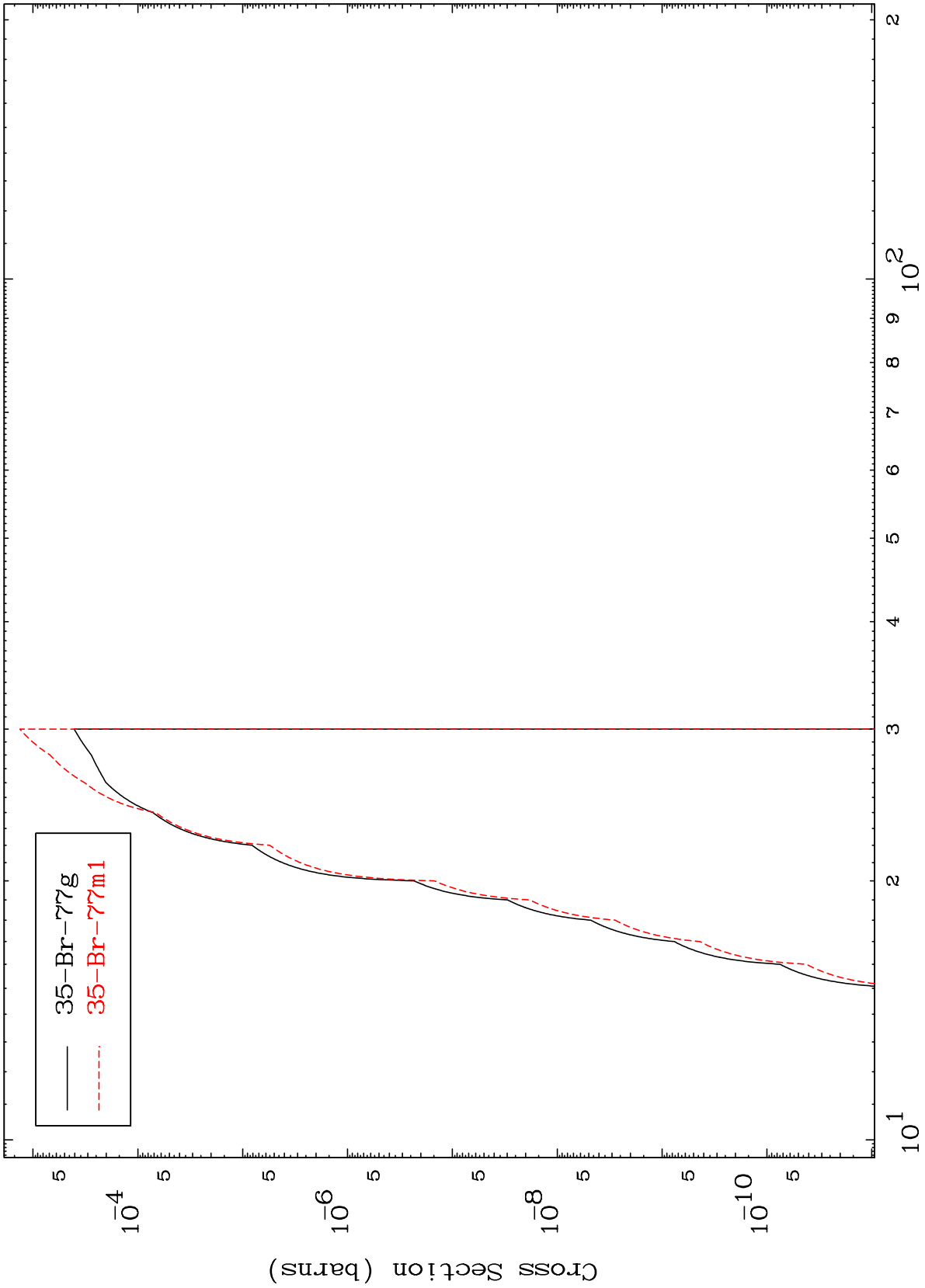


MAT 3517

( $\alpha, \text{He-3}$ )

35-Br-76

Radionuclide Production Cross Section



16

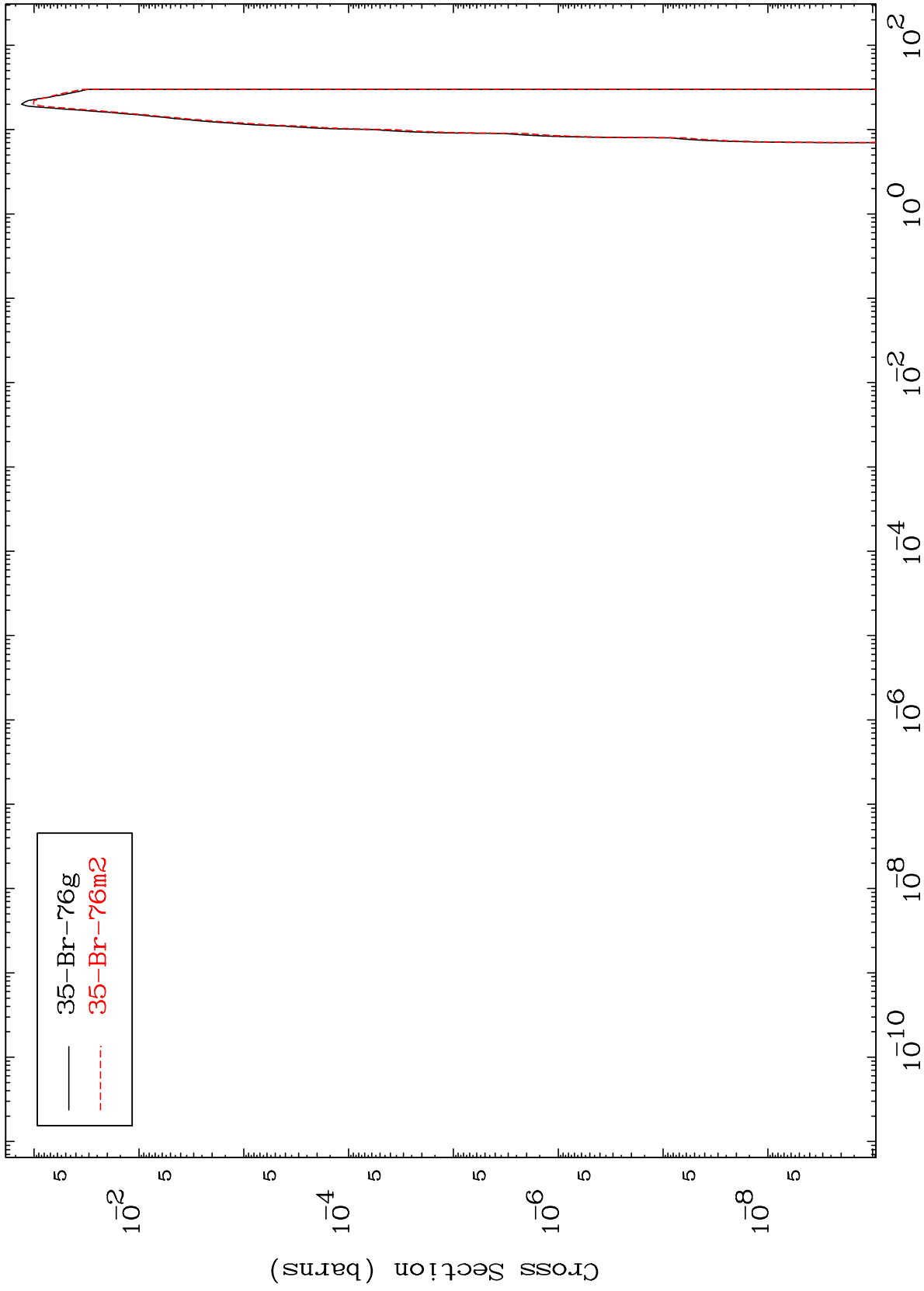
Incident Energy (MeV)

35-Br-76

MAT 3517

<sup>35</sup>Br-76

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



17

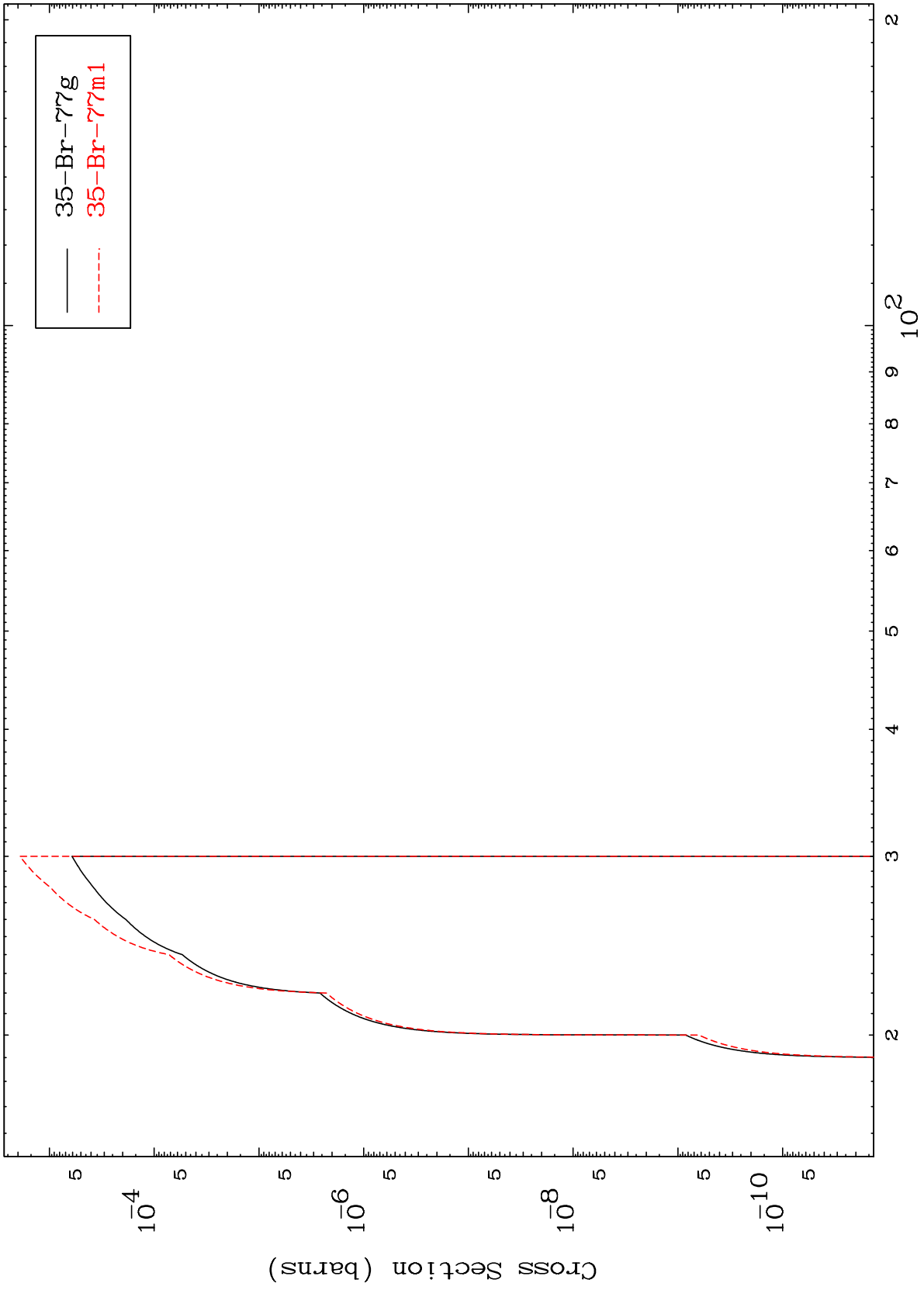
<sup>35</sup>Br-76

MAT 3517

( $\alpha, p$ ) d

<sup>35</sup>Br-76

Radionuclide Production Cross Section



18

Incident Energy (MeV)

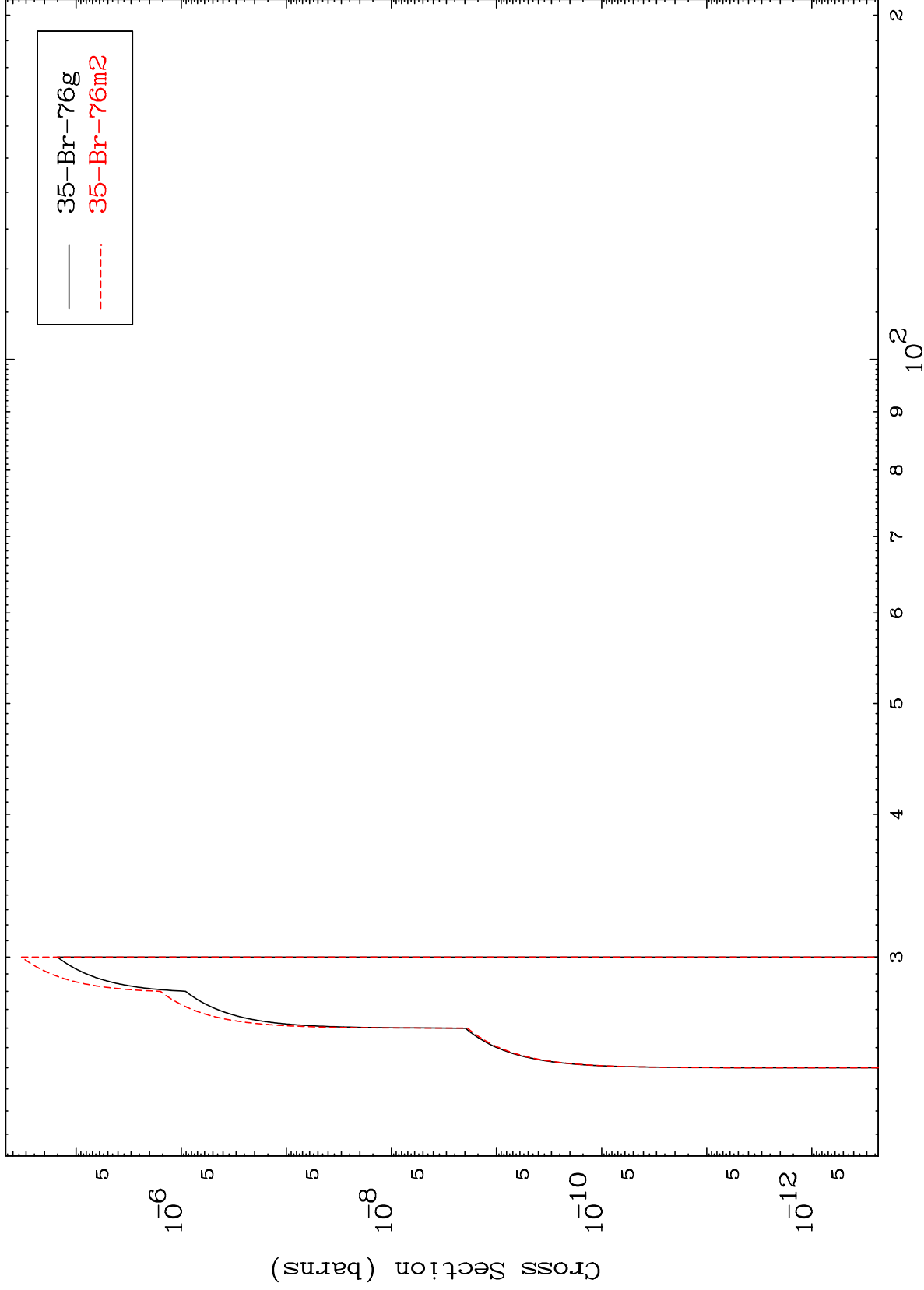
<sup>35</sup>Br-76

MAT 3517

( $\alpha, p$ ) t

<sup>35</sup>Br-<sup>76</sup>

Radionuclide Production Cross Section



19

Incident Energy (MeV)

<sup>35</sup>Br-<sup>76</sup>