

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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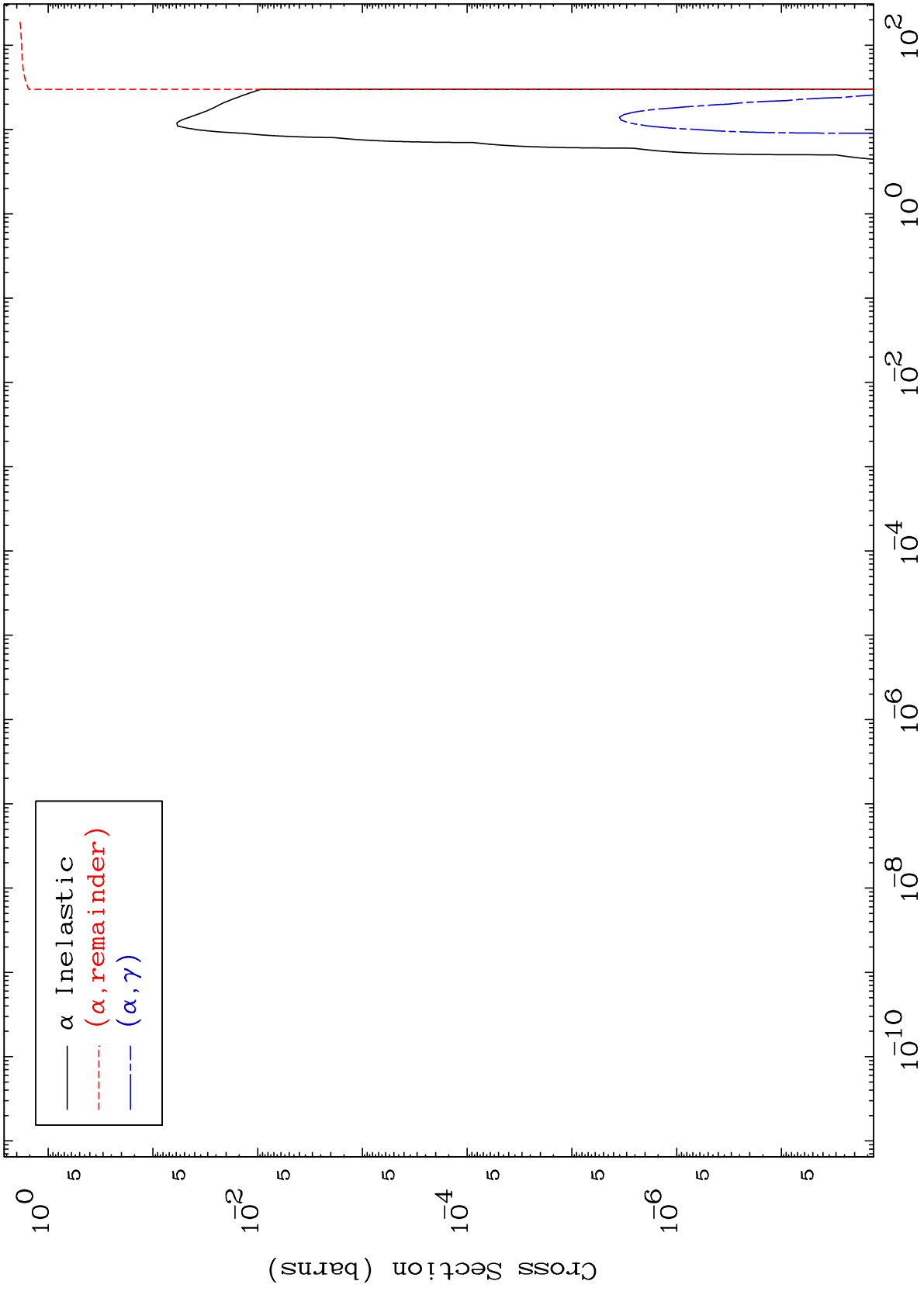
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3452

0 Kelvin  $\alpha$  Major  
Cross Sections

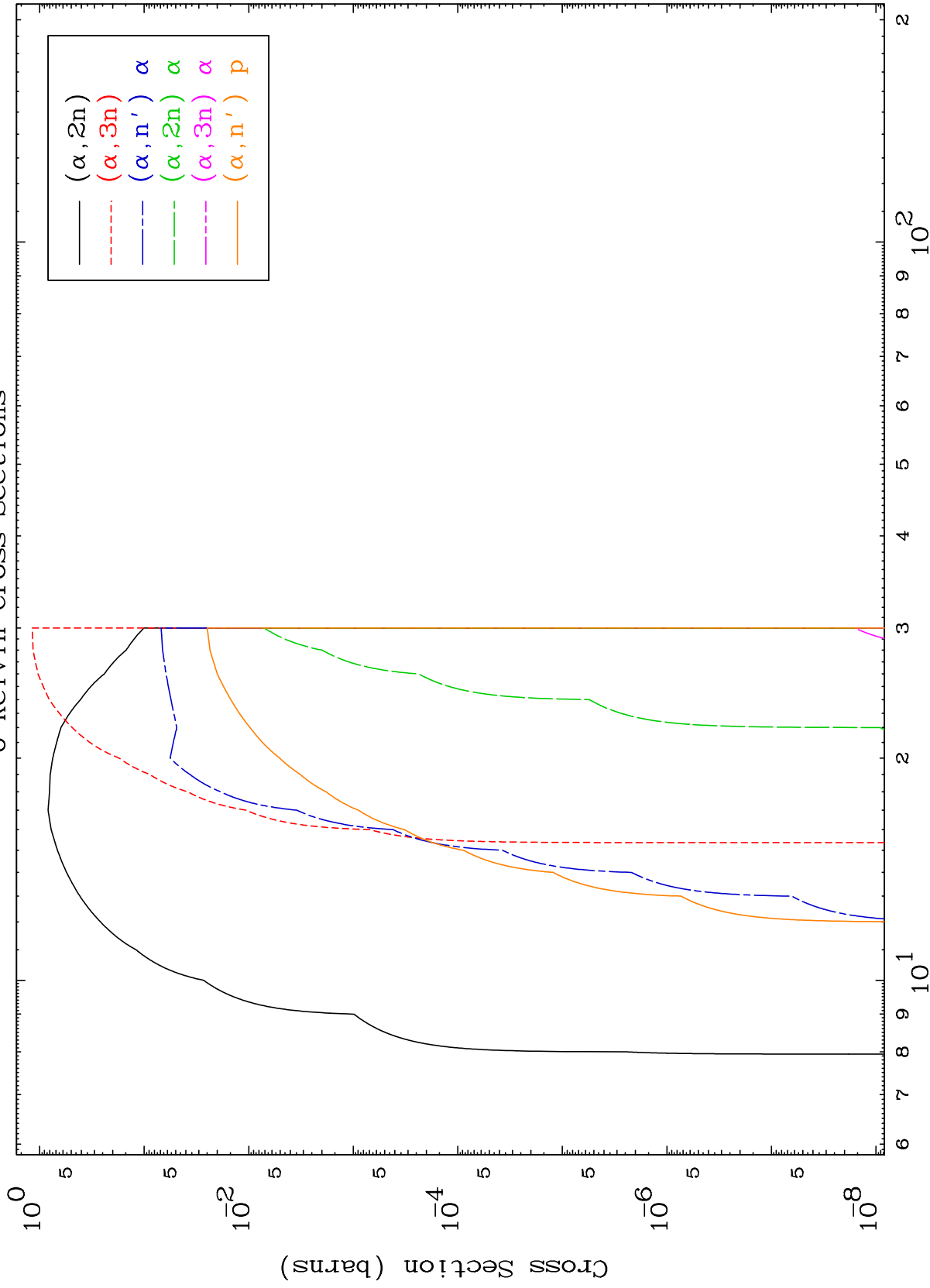
34-Se-83



MAT 3452

### $\alpha$ Neutron Production 0 Kelvin Cross Sections

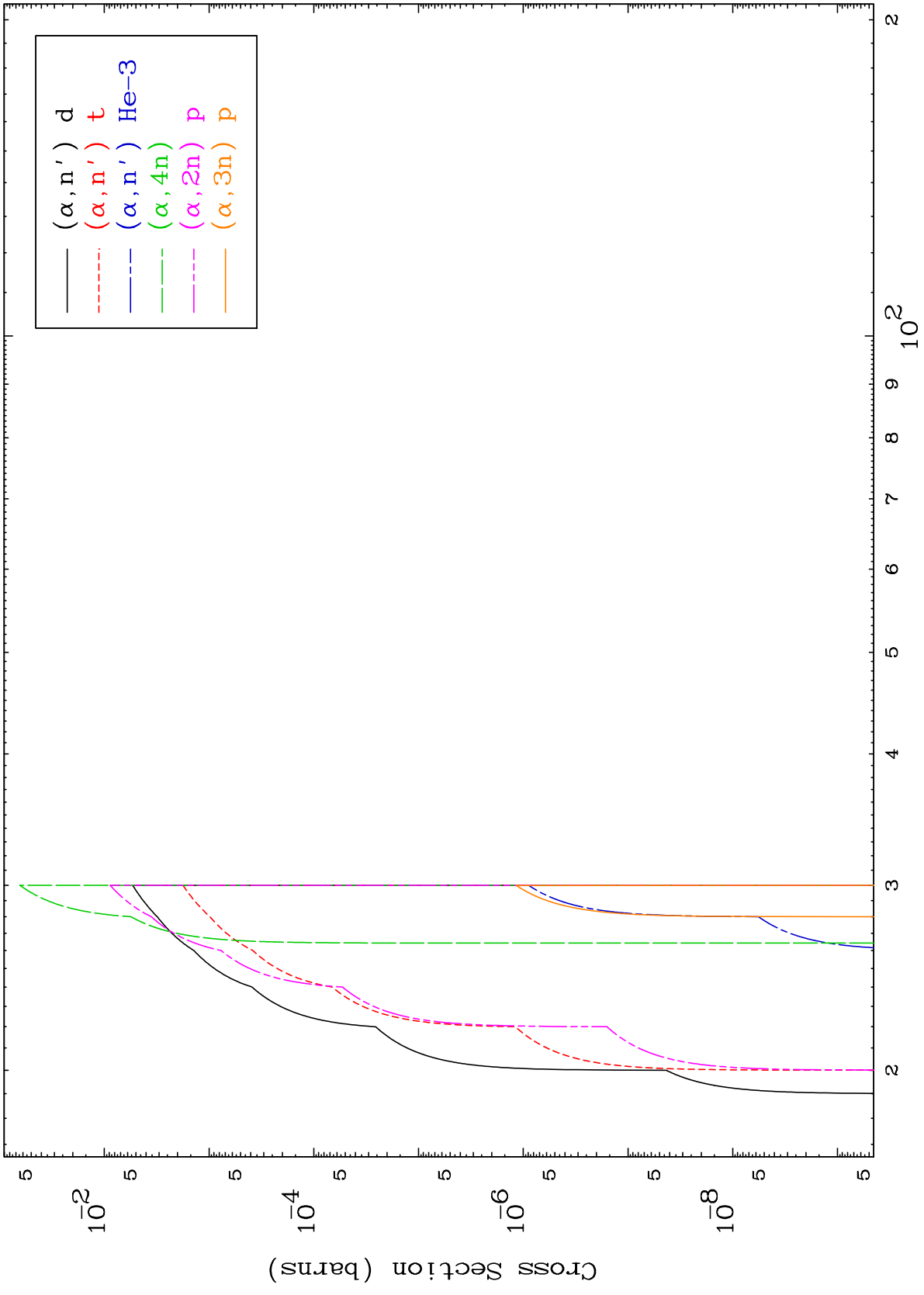
34-Se-83

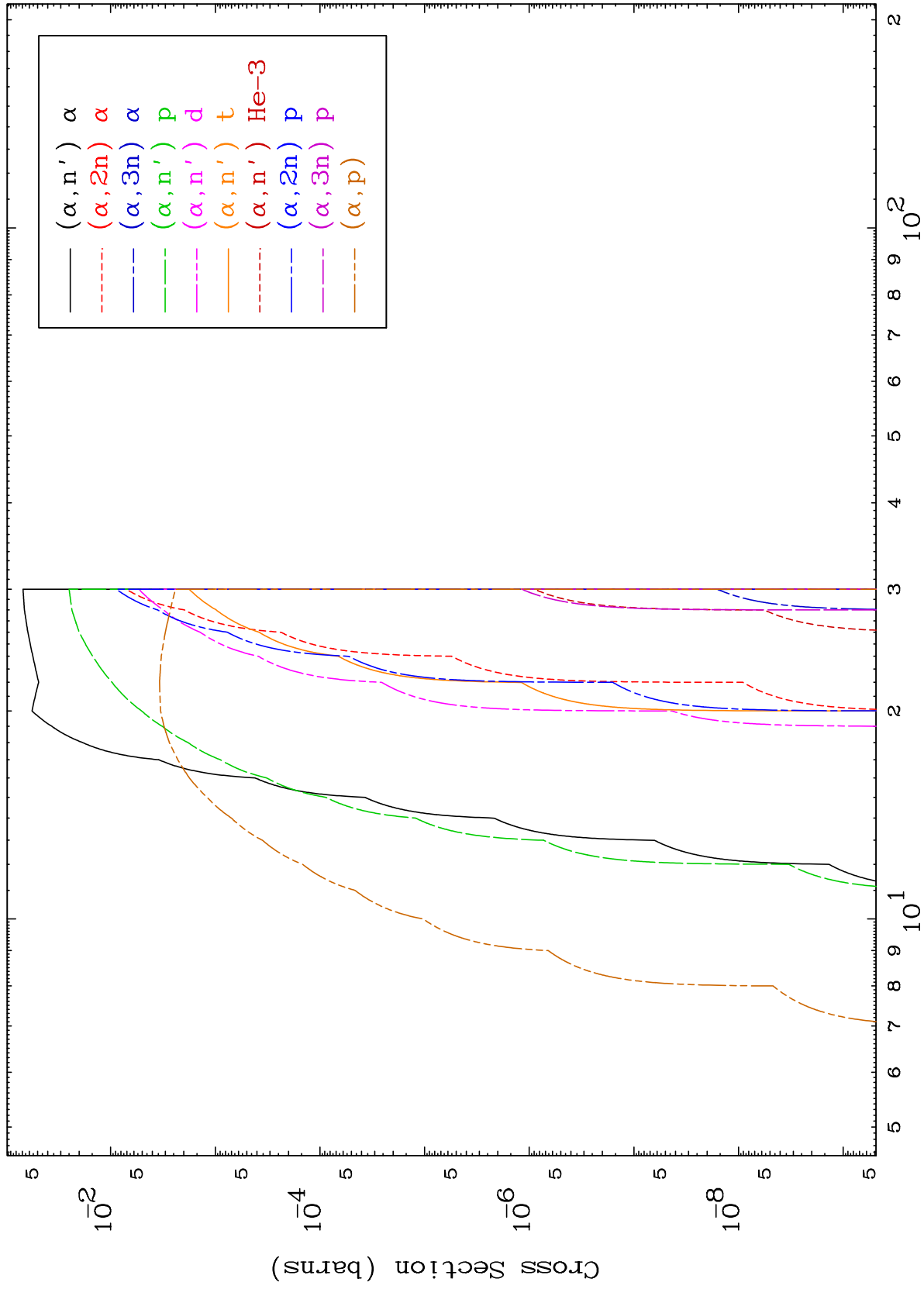


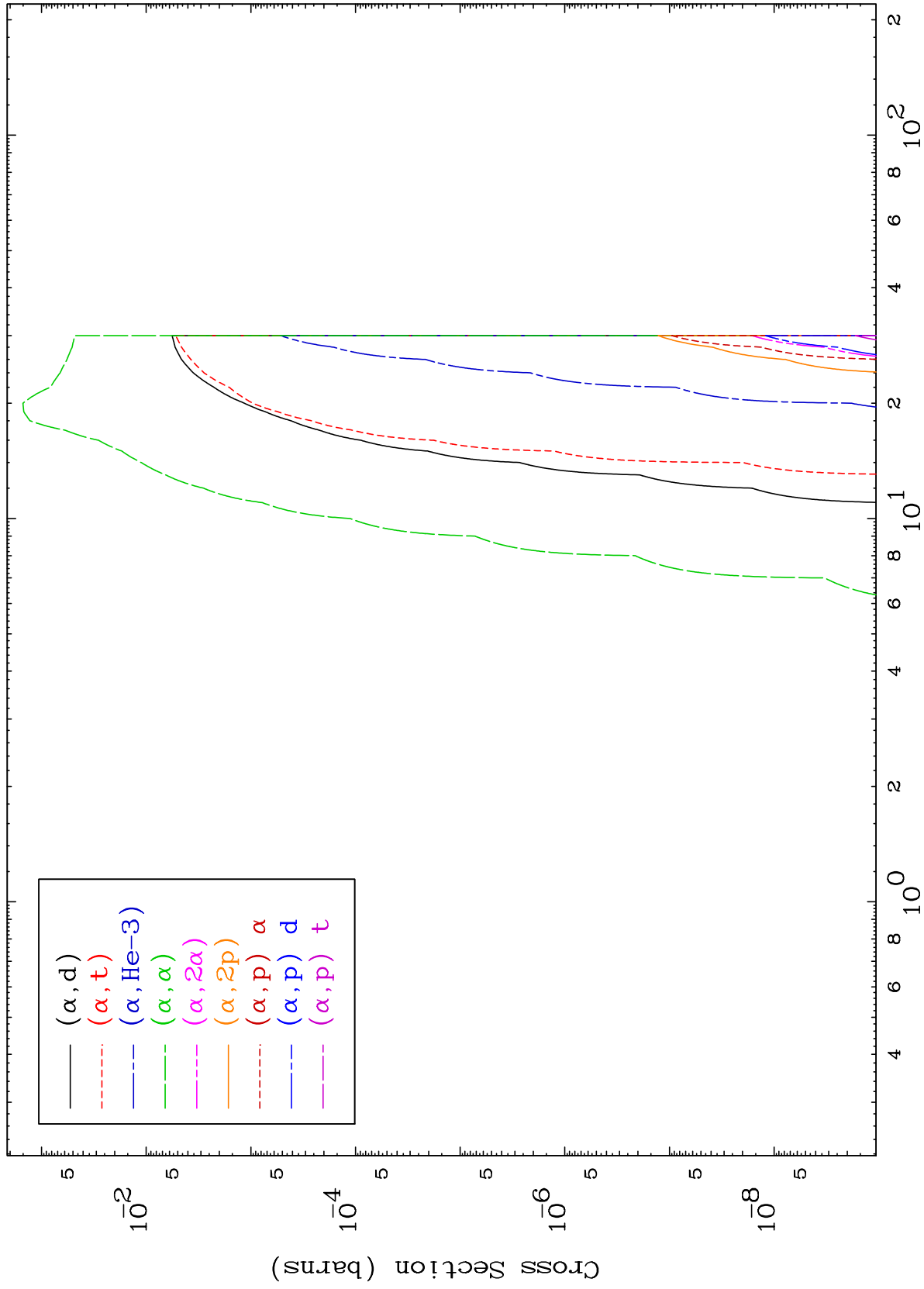
2

34-Se-83

34-Se-83



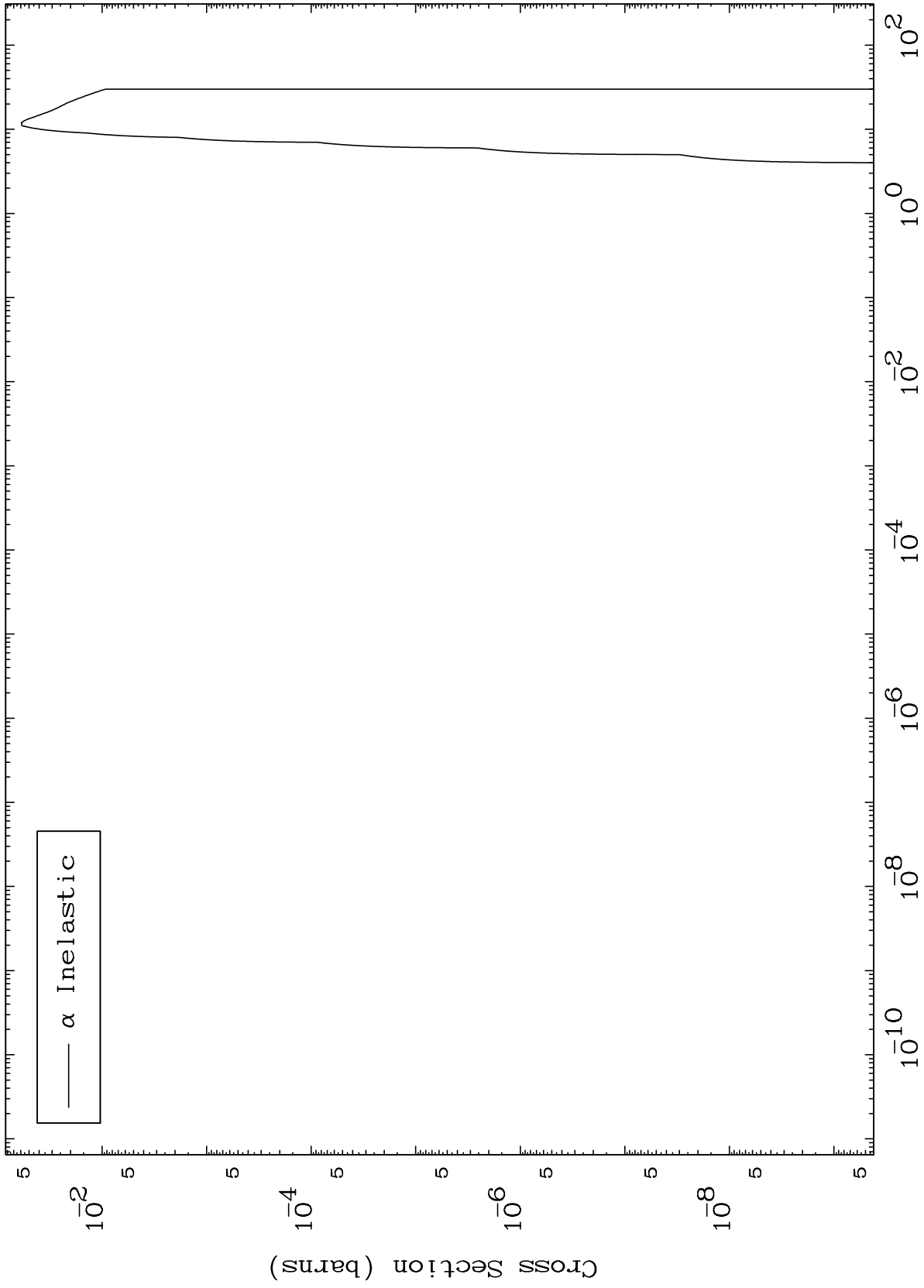




MAT 3452

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

34-Se-83

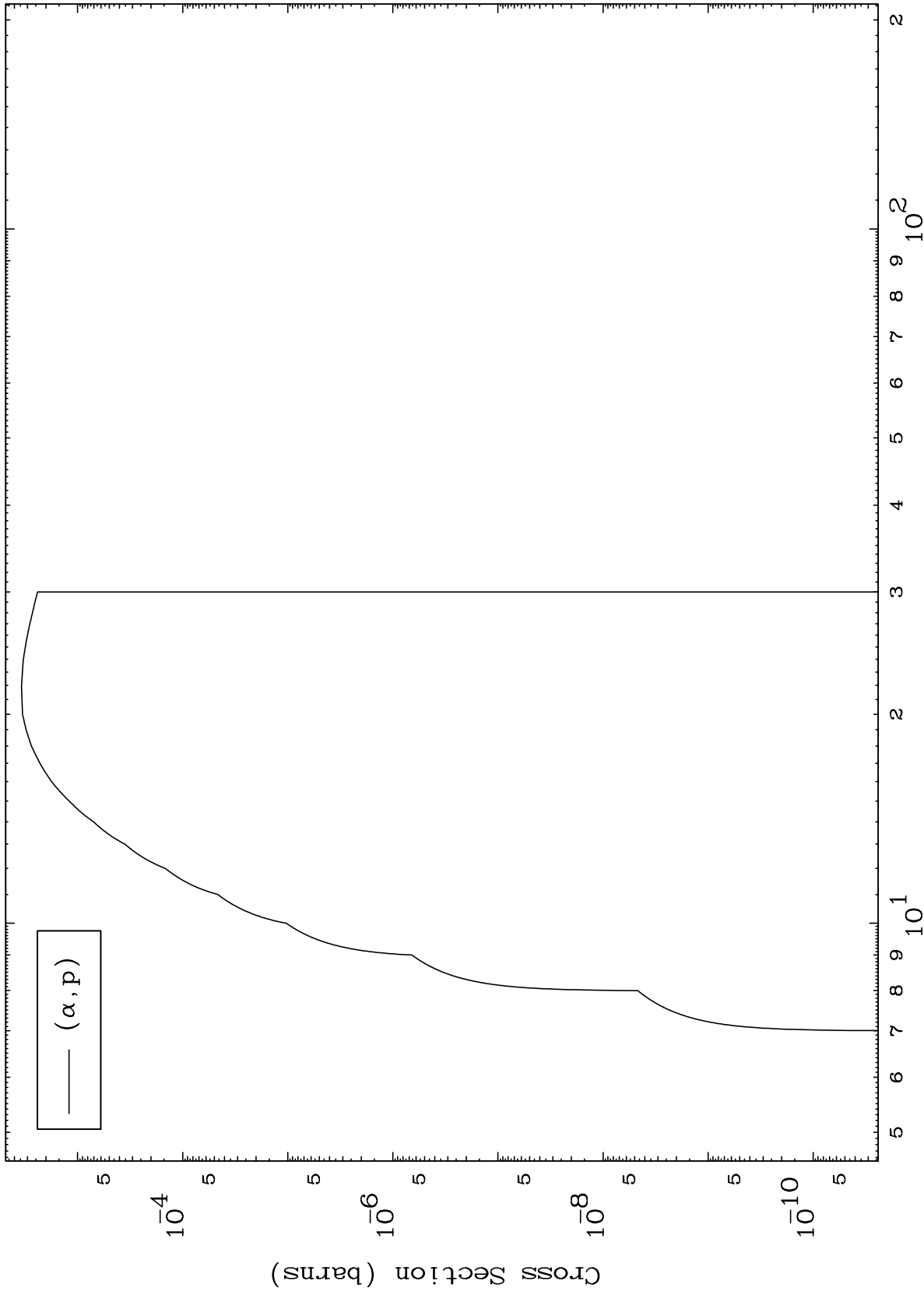


6

Incident Energy (MeV)

34-Se-83

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

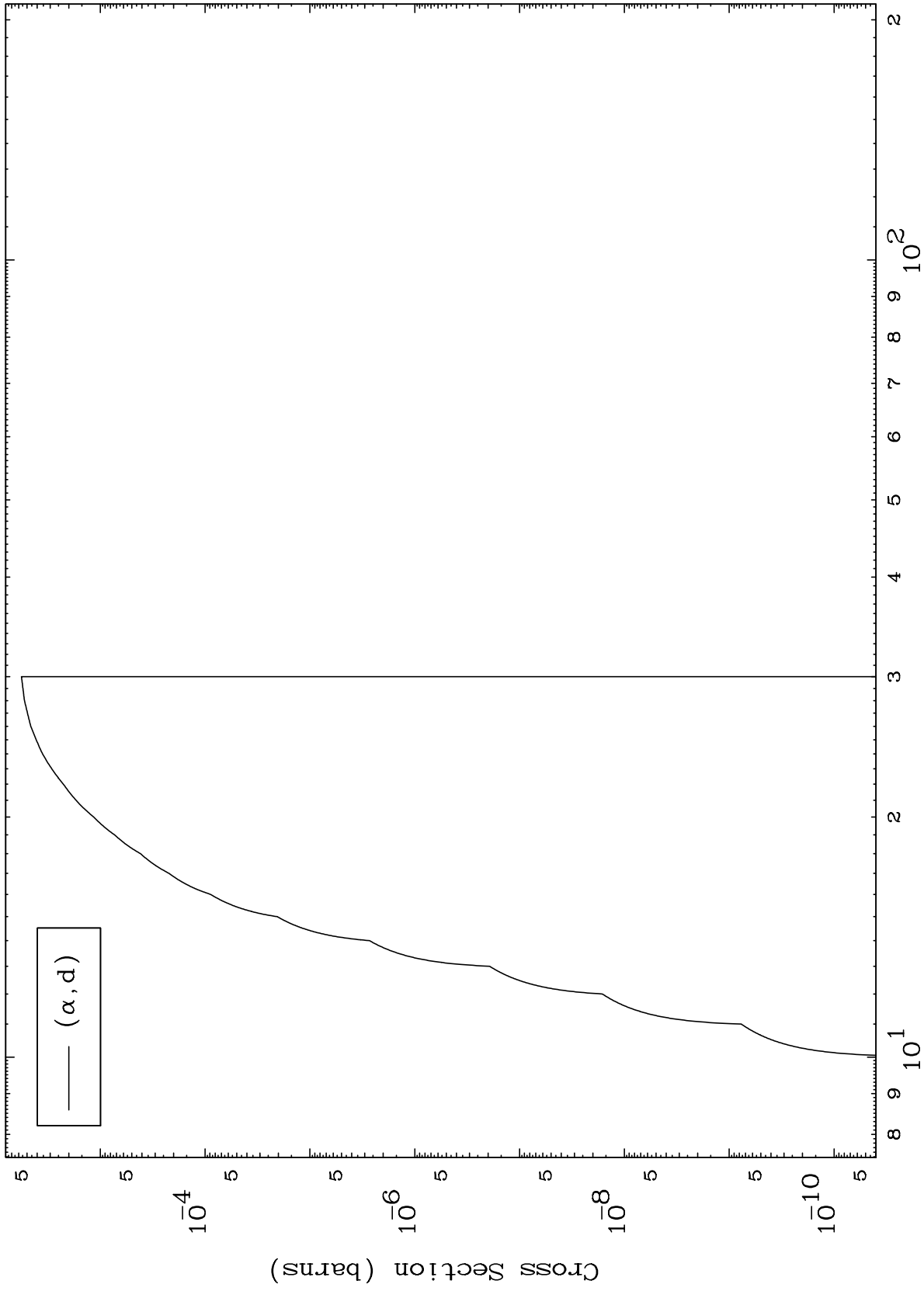




MAT 3452

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

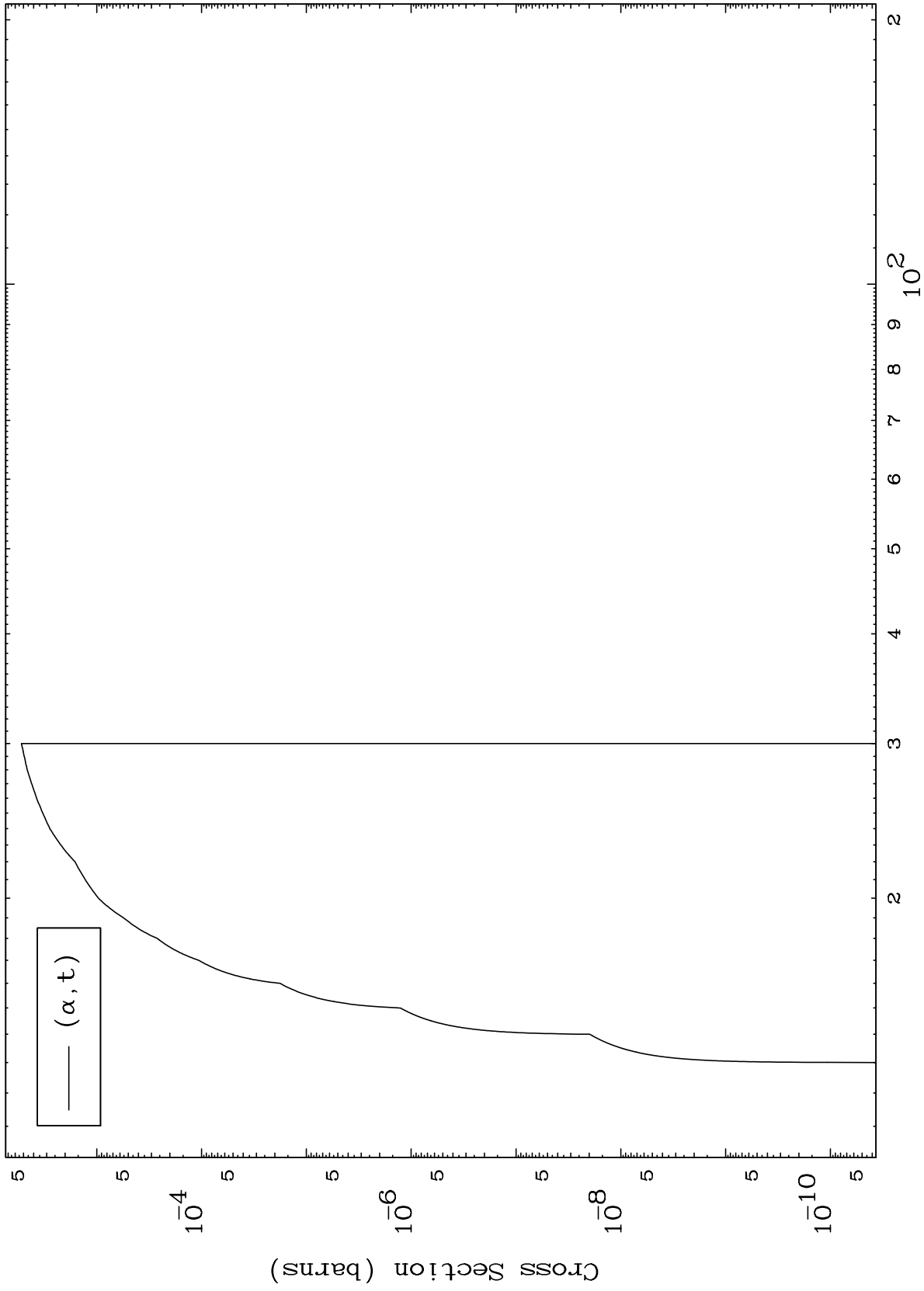
34-Se-83



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Incident Energy (MeV)

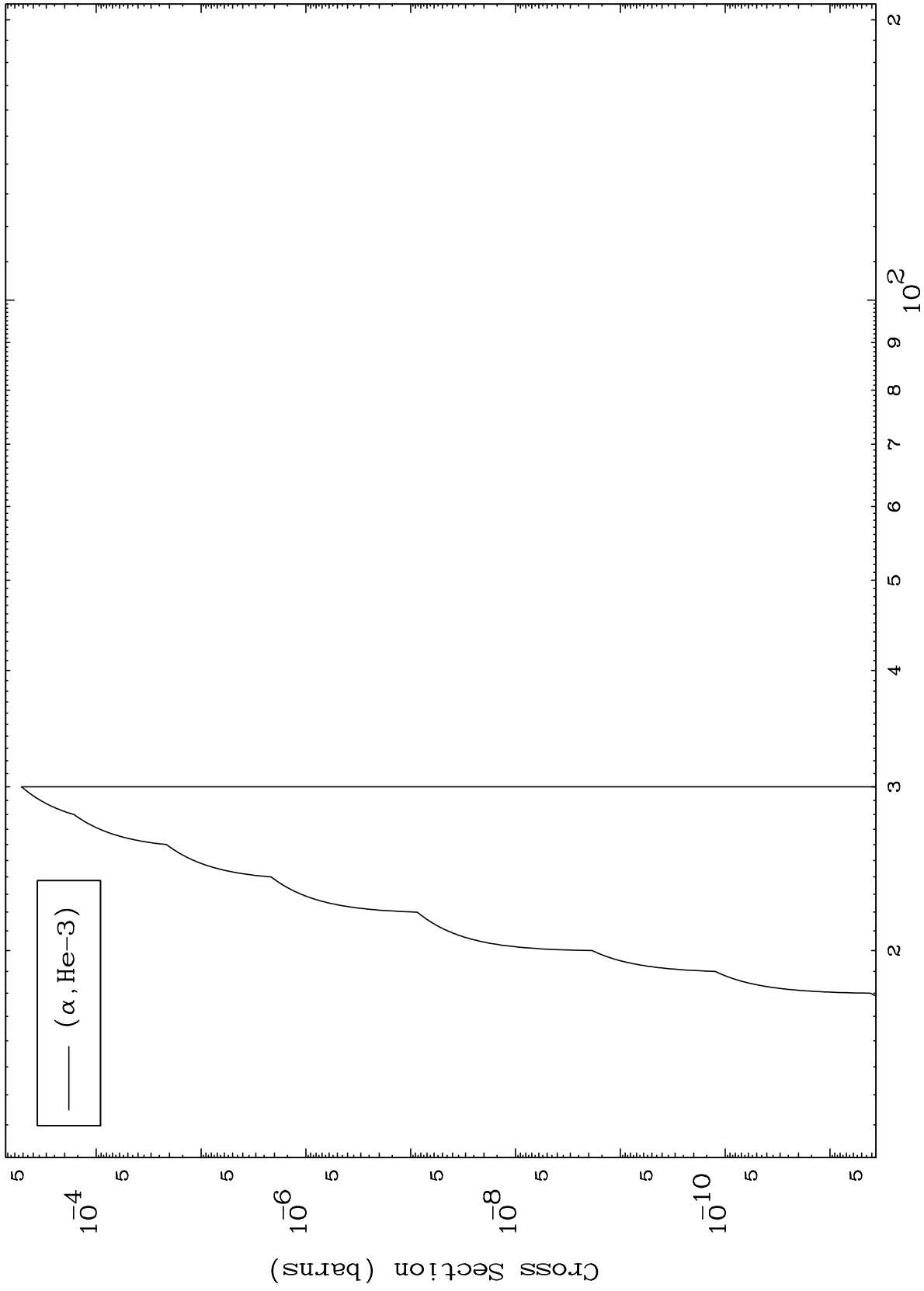
34-Se-83



MAT 3452

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

34-Se-83

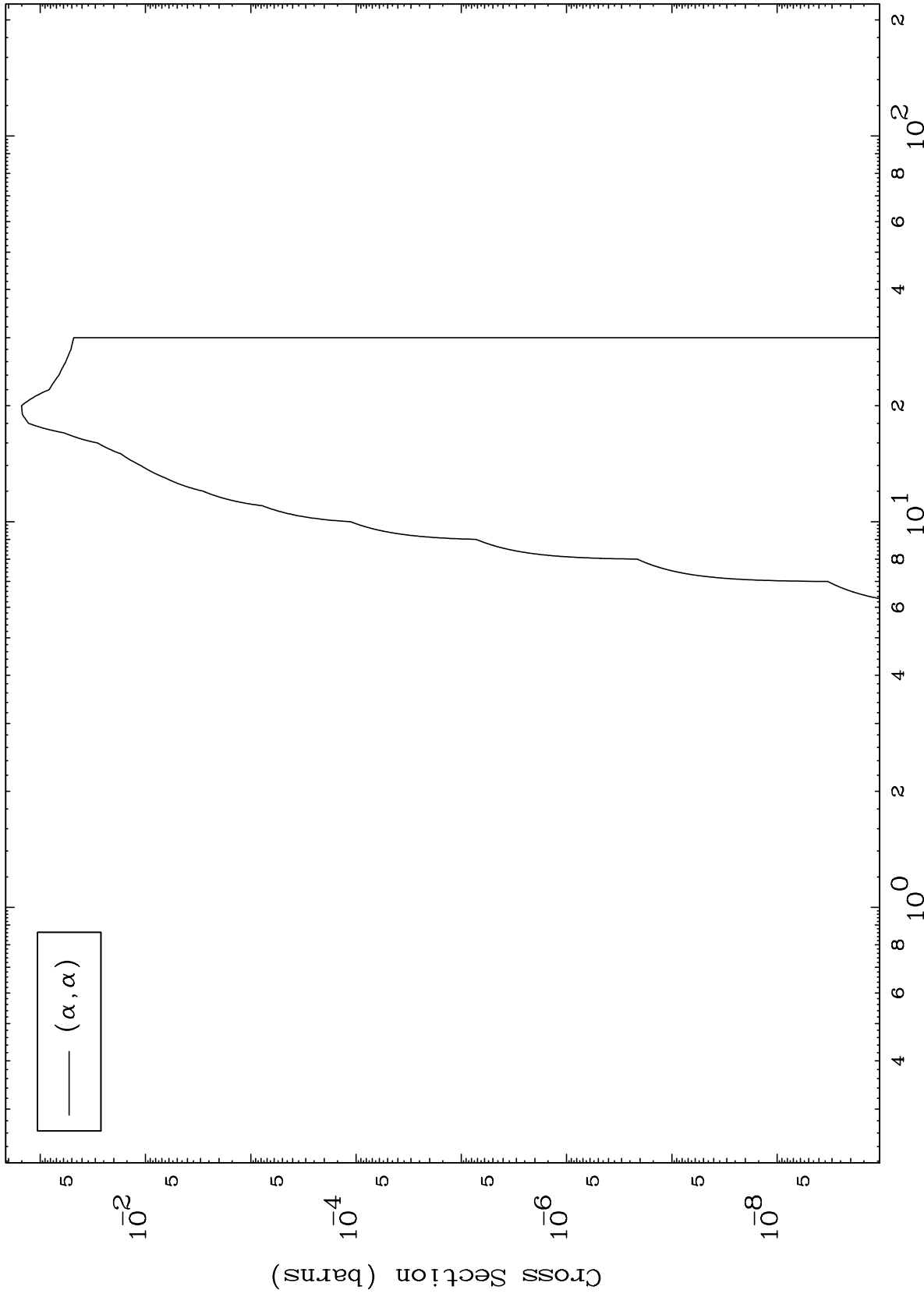


10

Incident Energy (MeV)

34-Se-83

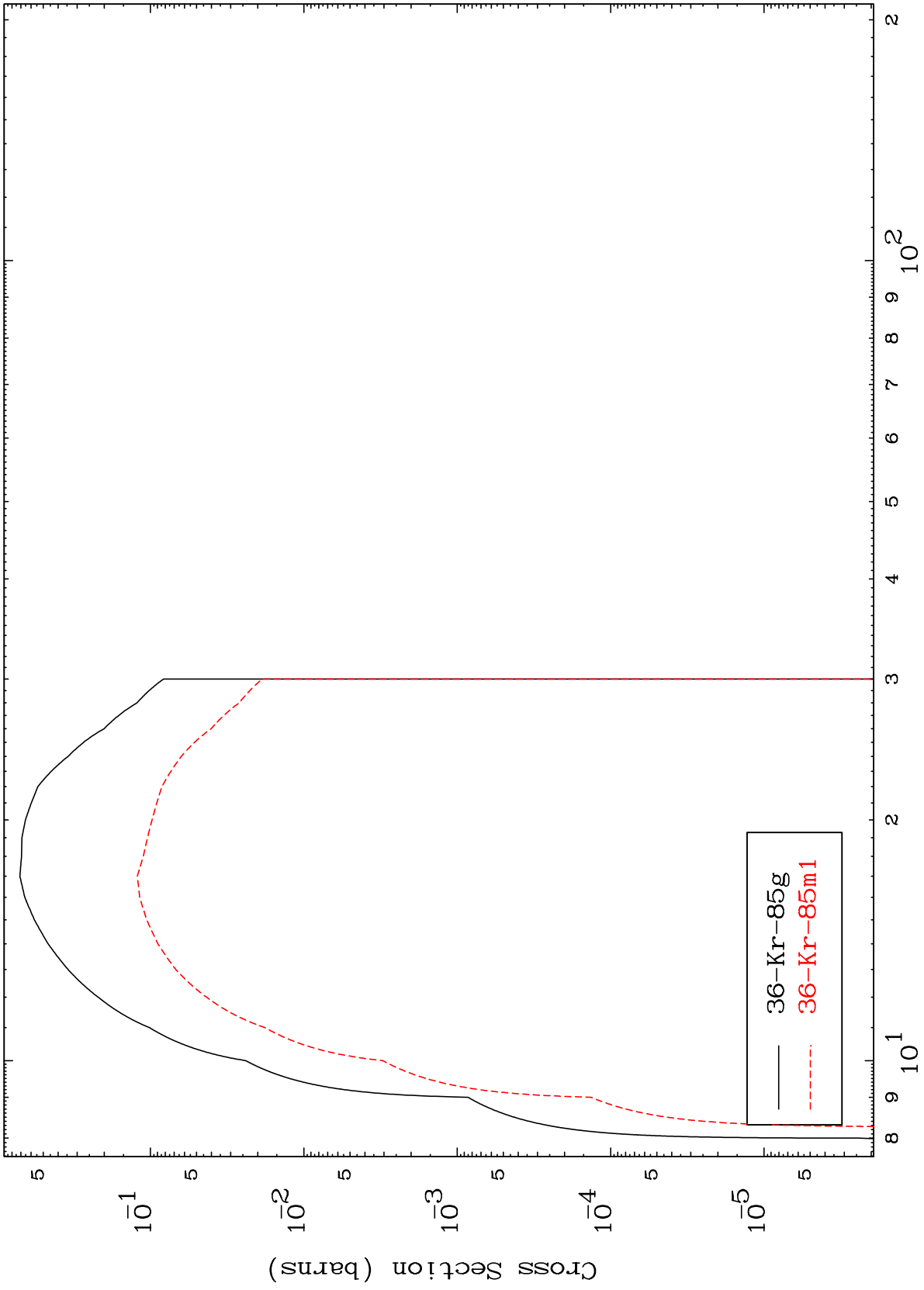
( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections



MAT 3452

34-Se-83

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



12

Incident Energy (MeV)

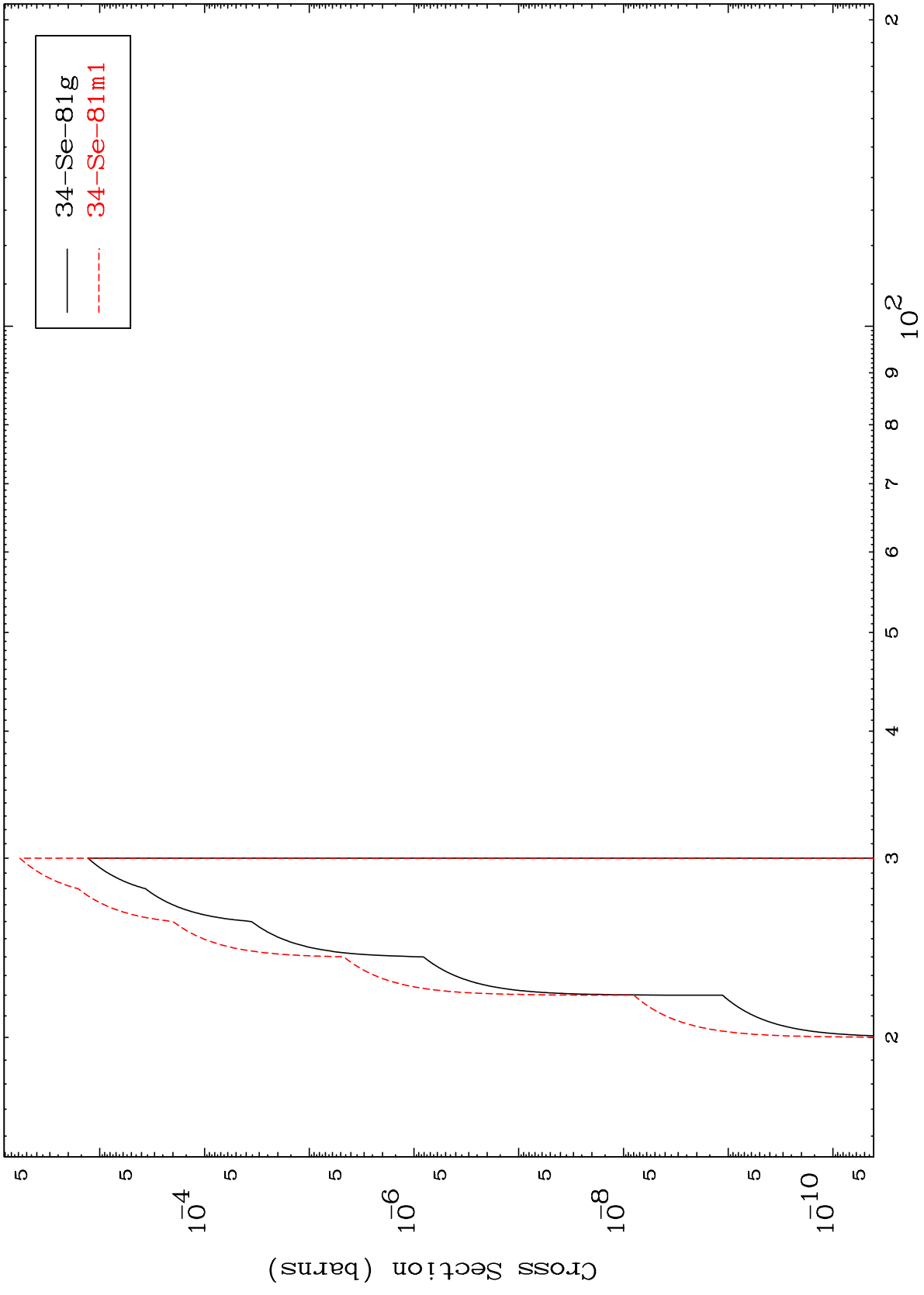
34-Se-83

MAT 3452

$(\alpha, 2n) \alpha$

34-Se-83

Radionuclide Production Cross Section



13

Incident Energy (MeV)

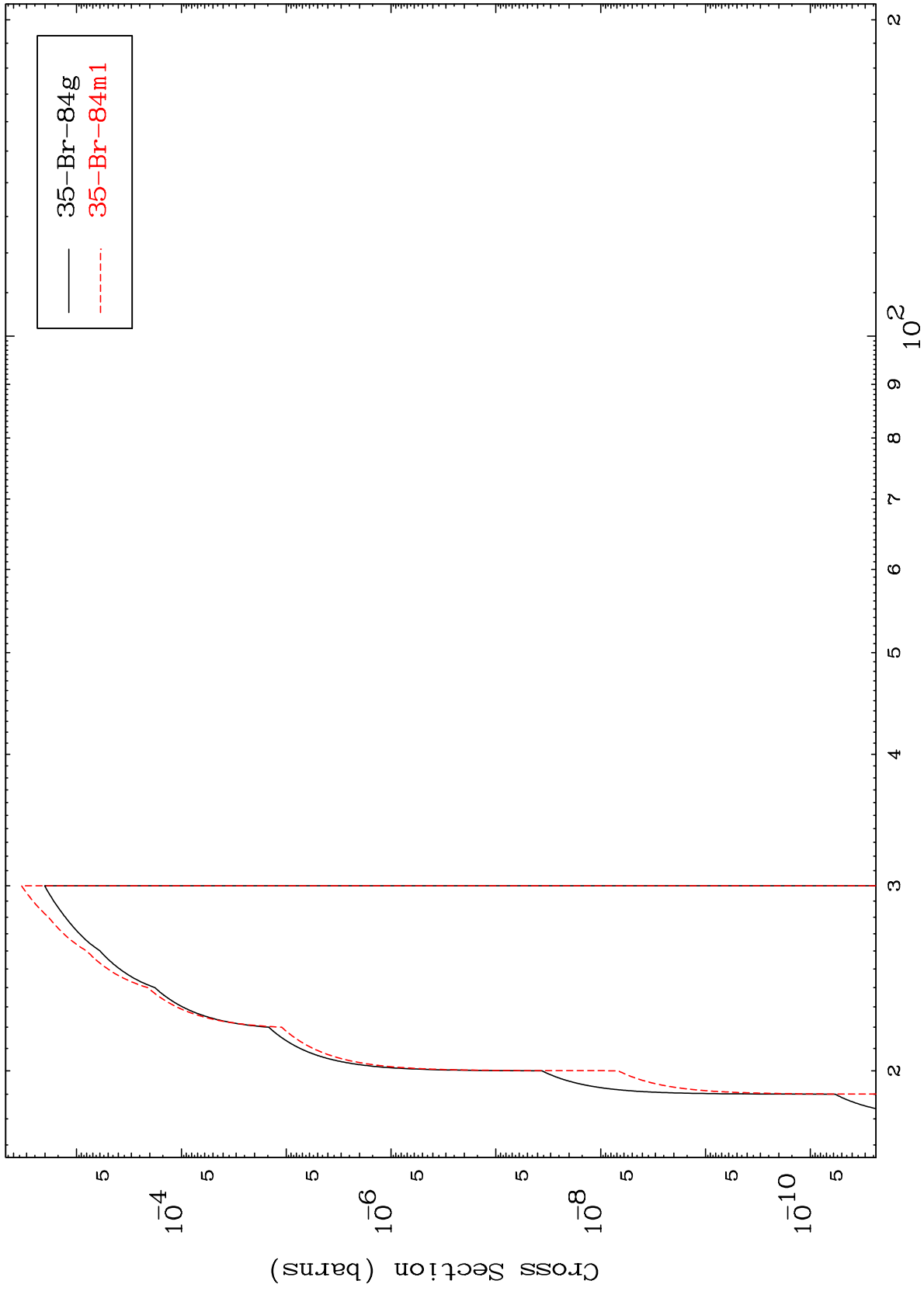
34-Se-83

MAT 3452

( $\alpha, n'$ ) d

34-Se-83

Radionuclide Production Cross Section



14

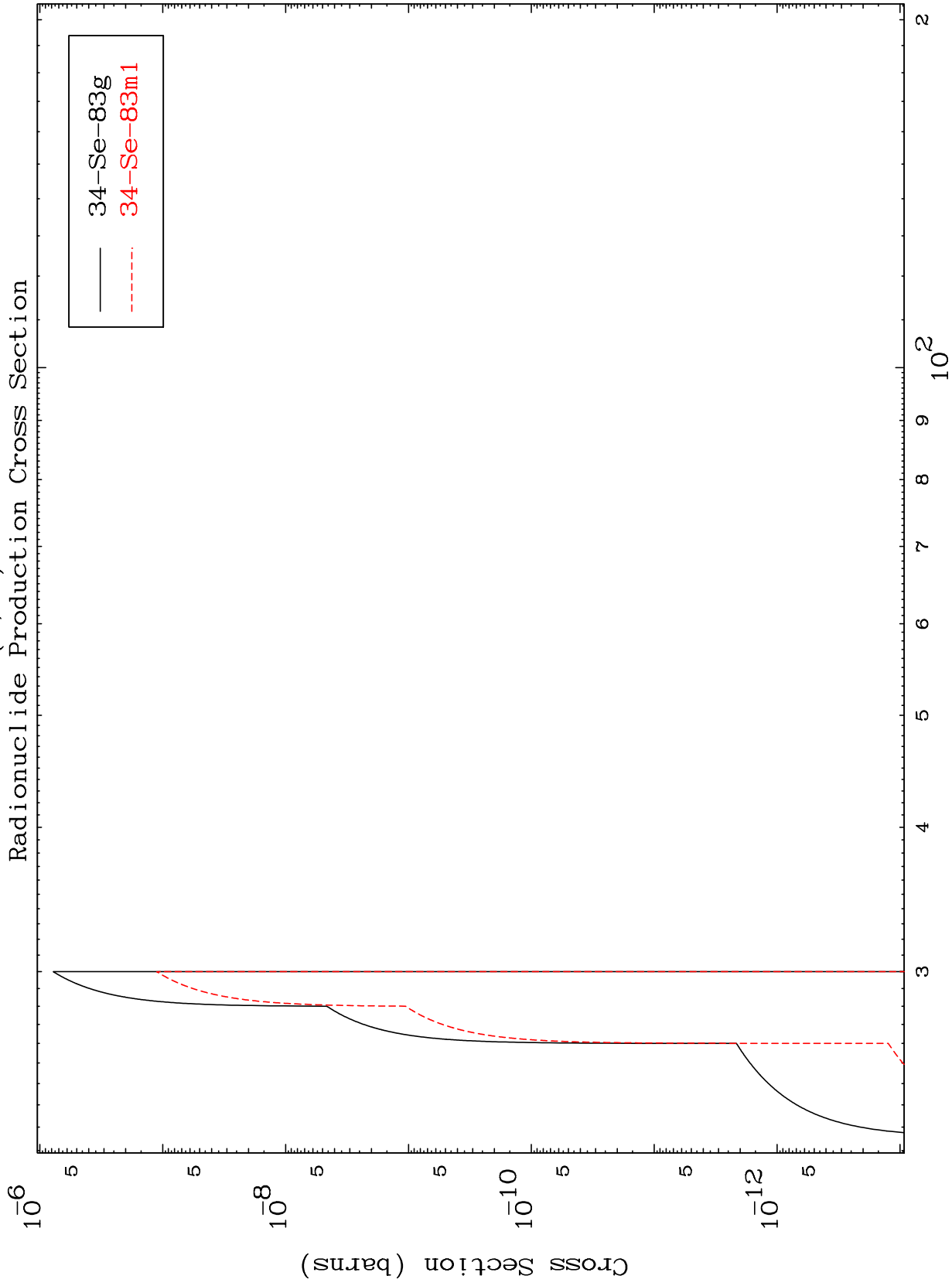
Incident Energy (MeV)

34-Se-83

MAT 3452

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

34-Se-83



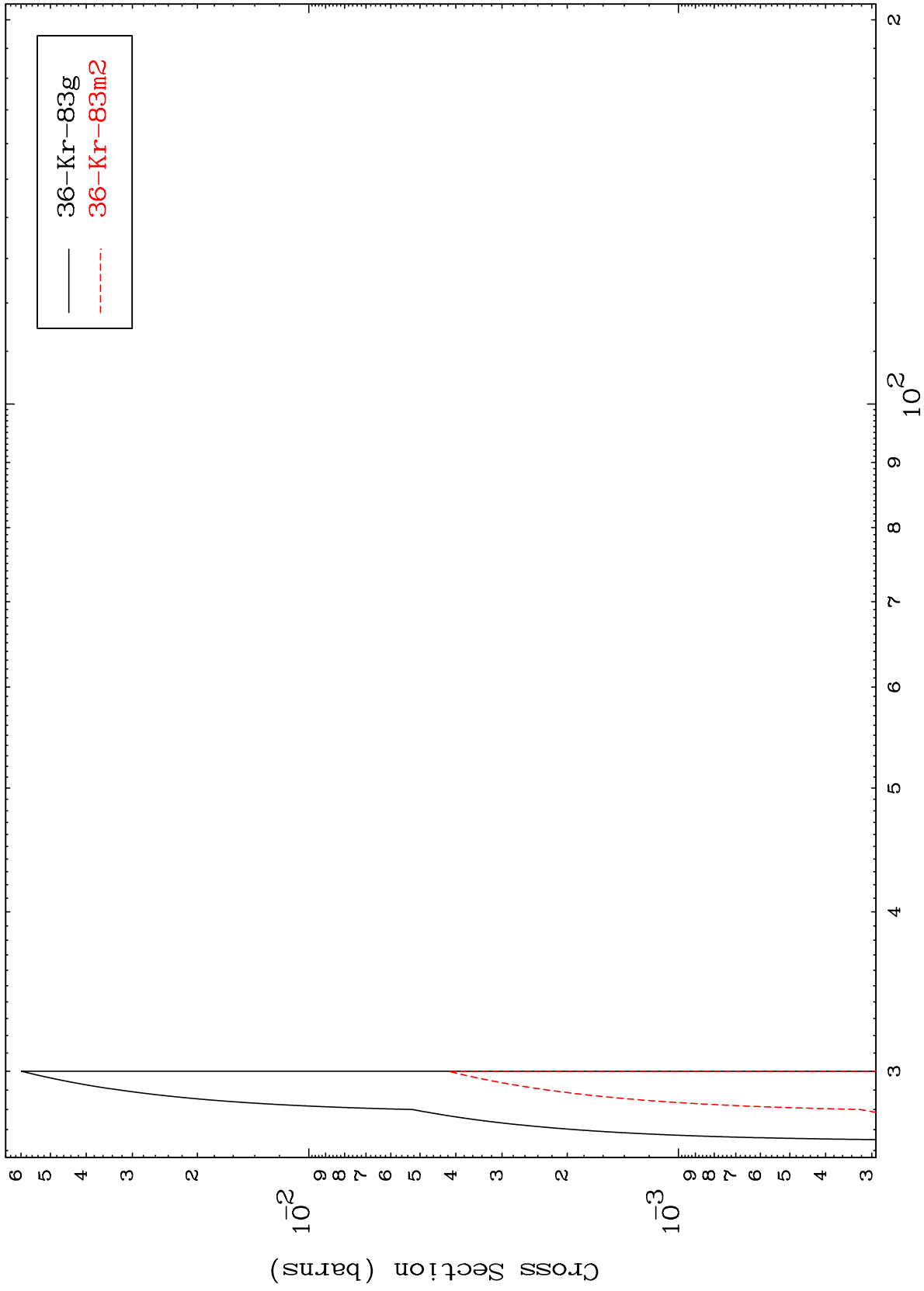
15



MAT 3452

34-Se-83

Radionuclide Production Cross Section  
( $\alpha, 4n$ )



16

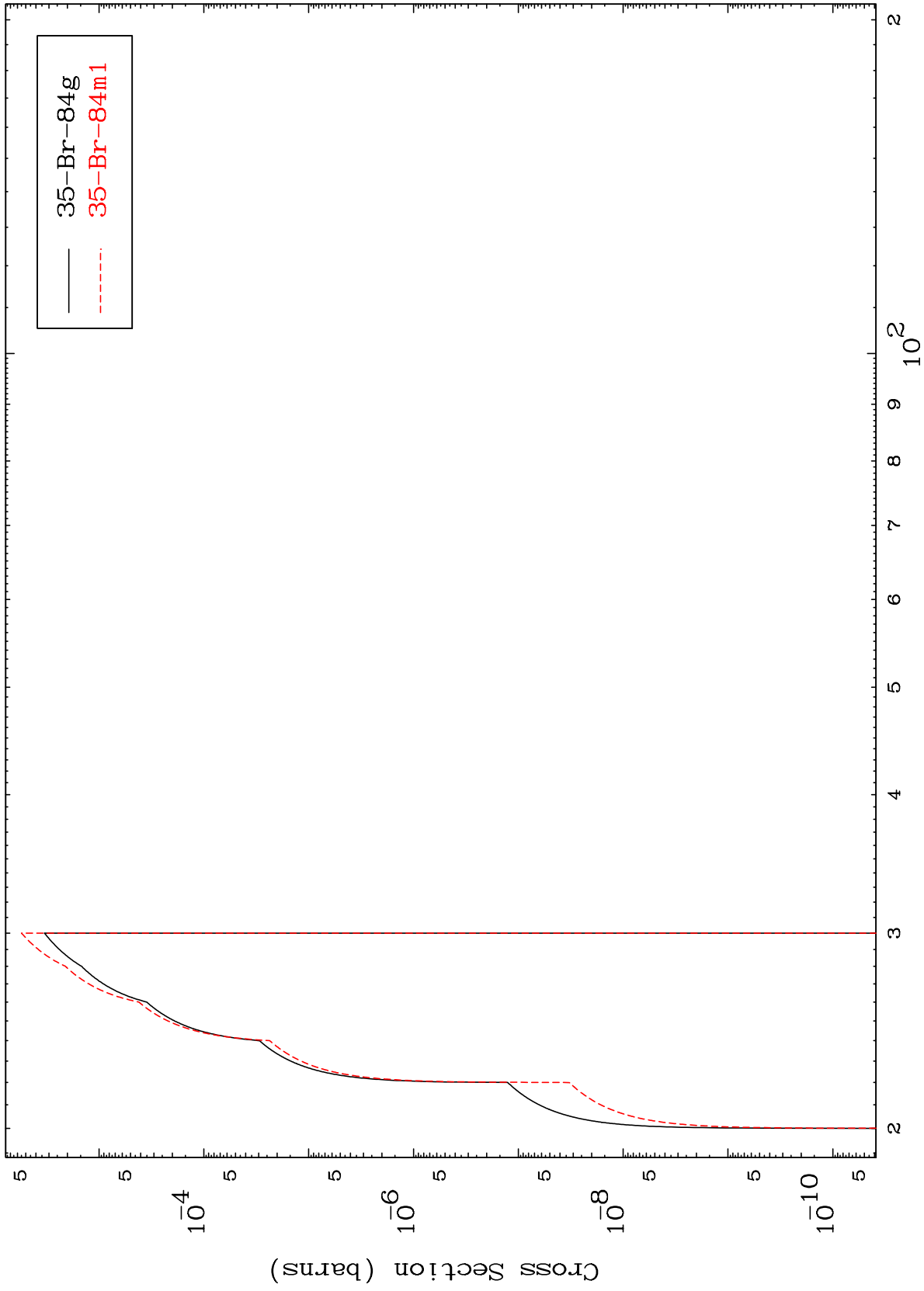
Incident Energy (MeV)

34-Se-83

MAT 3452

34-Se-83

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



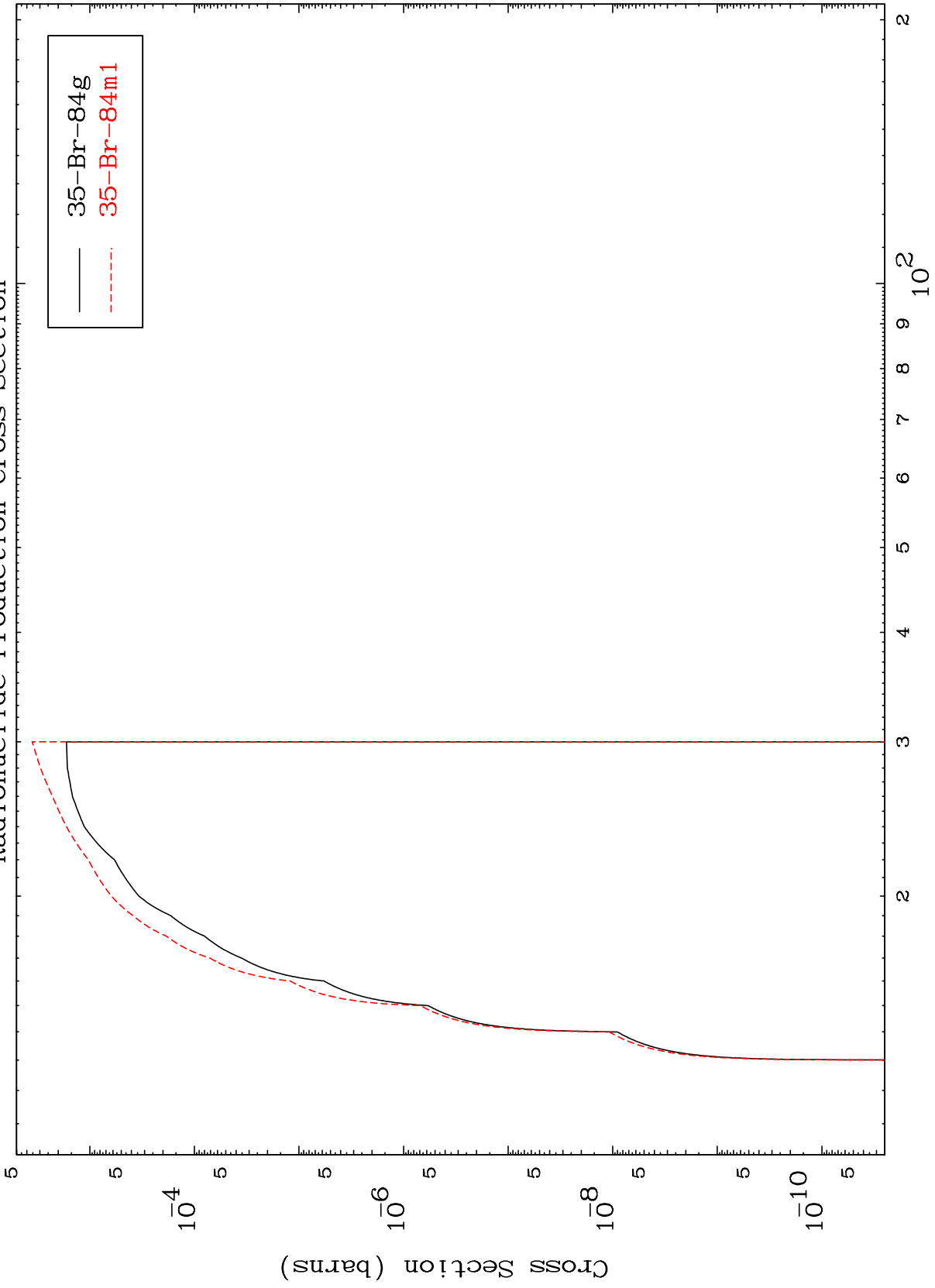
17

34-Se-83

MAT 3452

34-Se-83

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



18

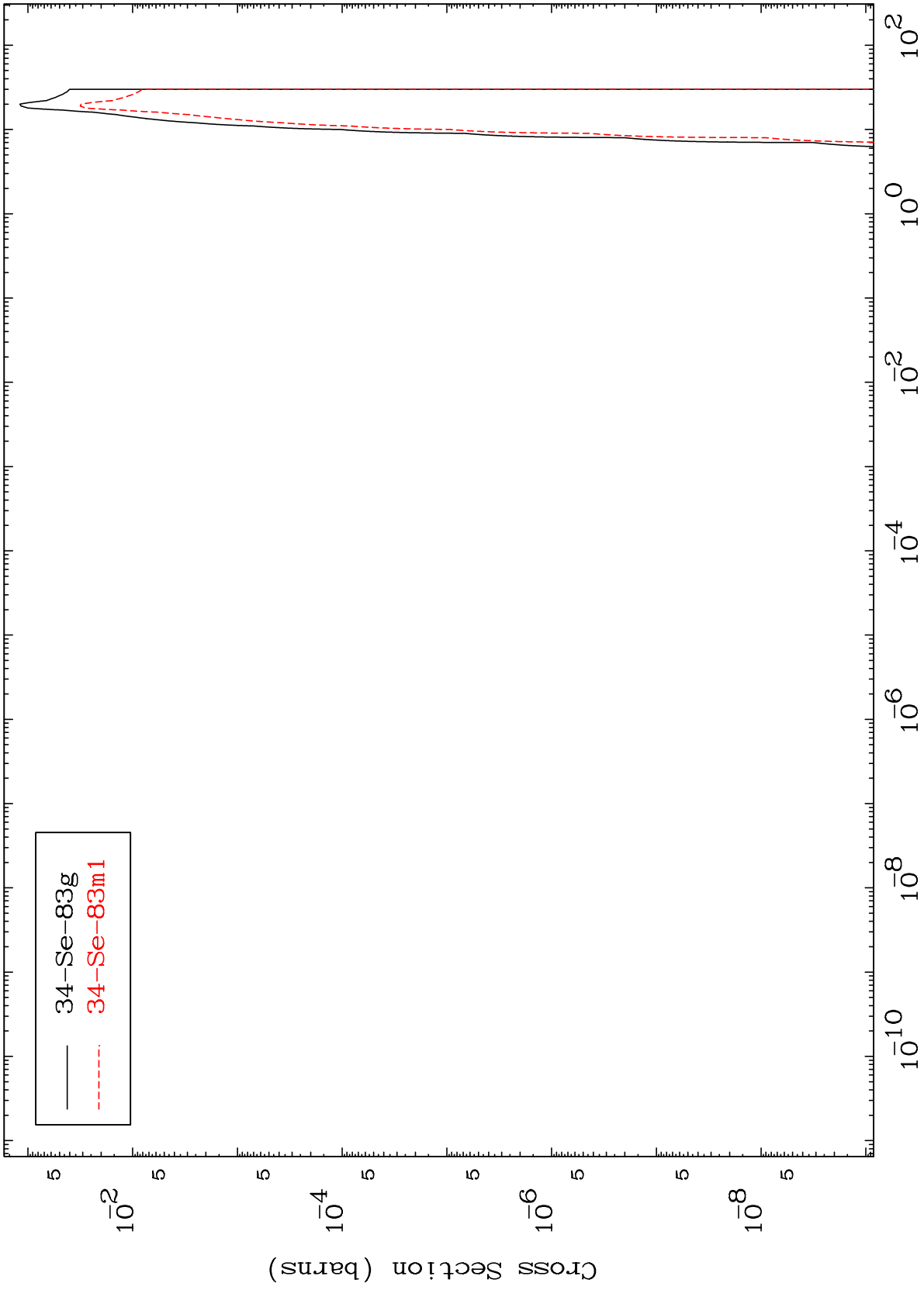
Incident Energy (MeV)

34-Se-83

MAT 3452

<sup>34</sup>Se-83

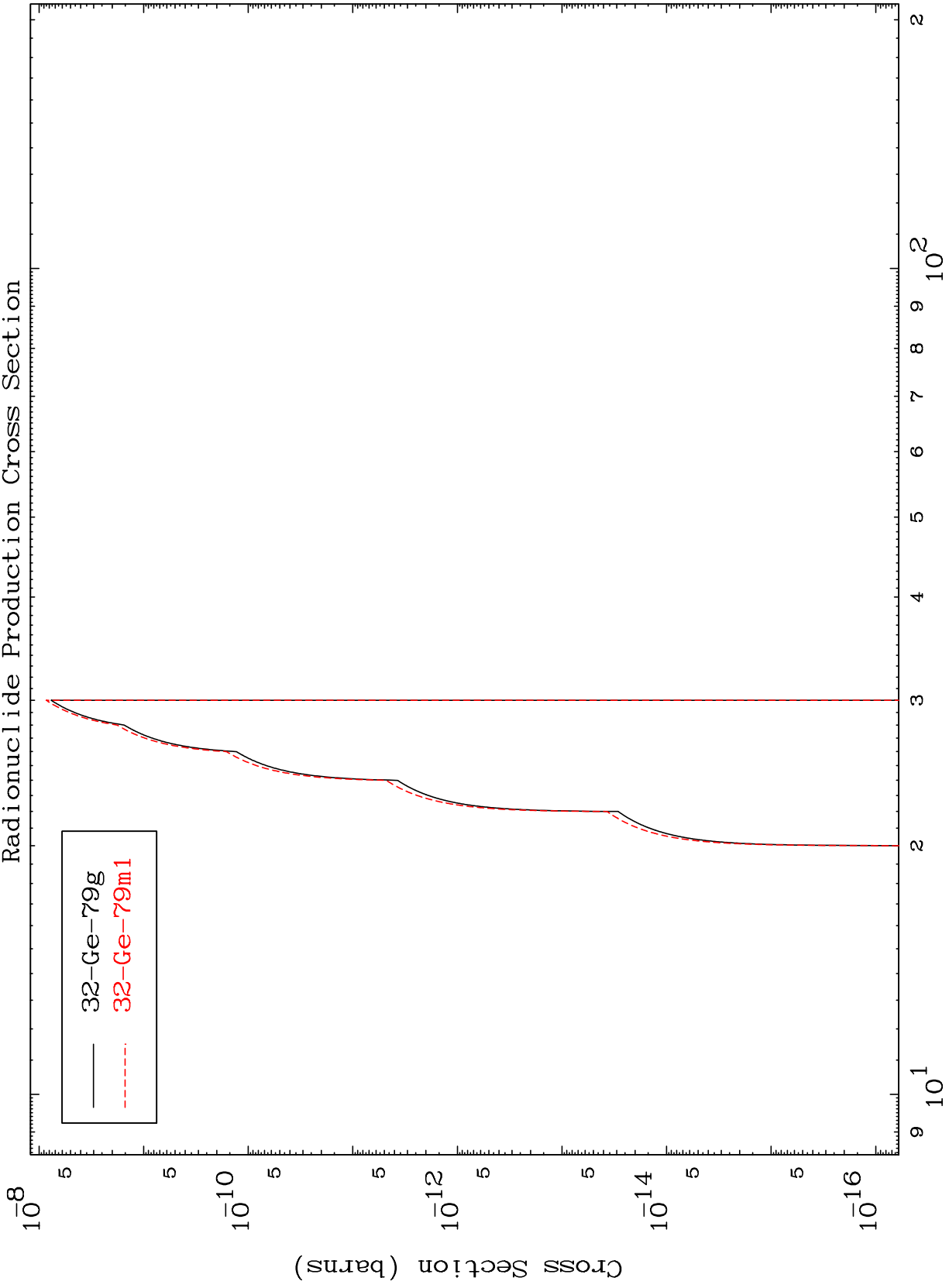
( $\alpha, \alpha$ )  
Radionuclide Production Cross Section



MAT 3452

34-<sup>Se</sup>-83

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



32-<sup>Ge</sup>-79g  
32-<sup>Ge</sup>-79m1

20

Incident Energy (MeV)

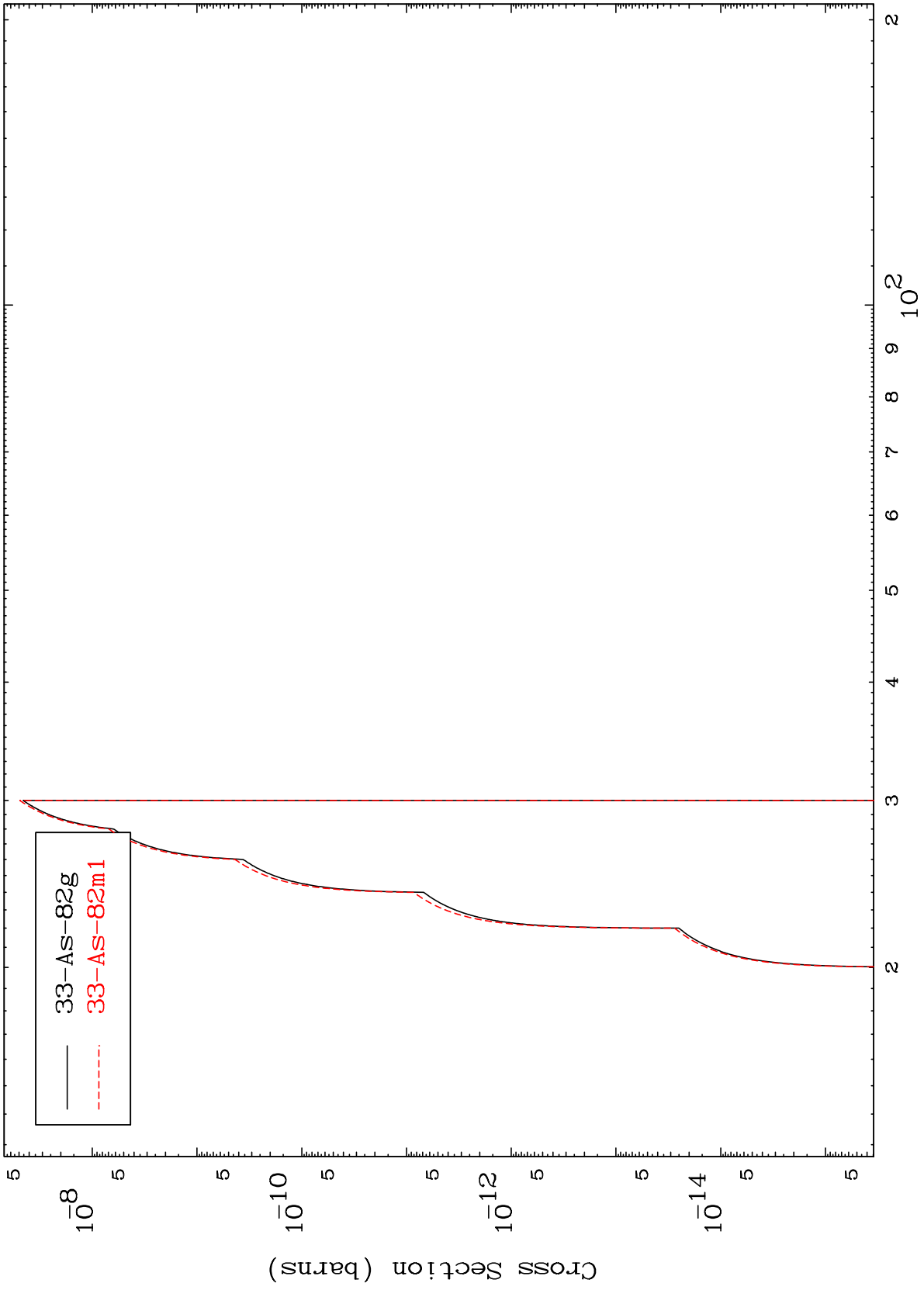
34-<sup>Se</sup>-83

MAT 3452

( $\alpha, p$ )  $\alpha$

<sup>34</sup>Se-83

Radionuclide Production Cross Section



21

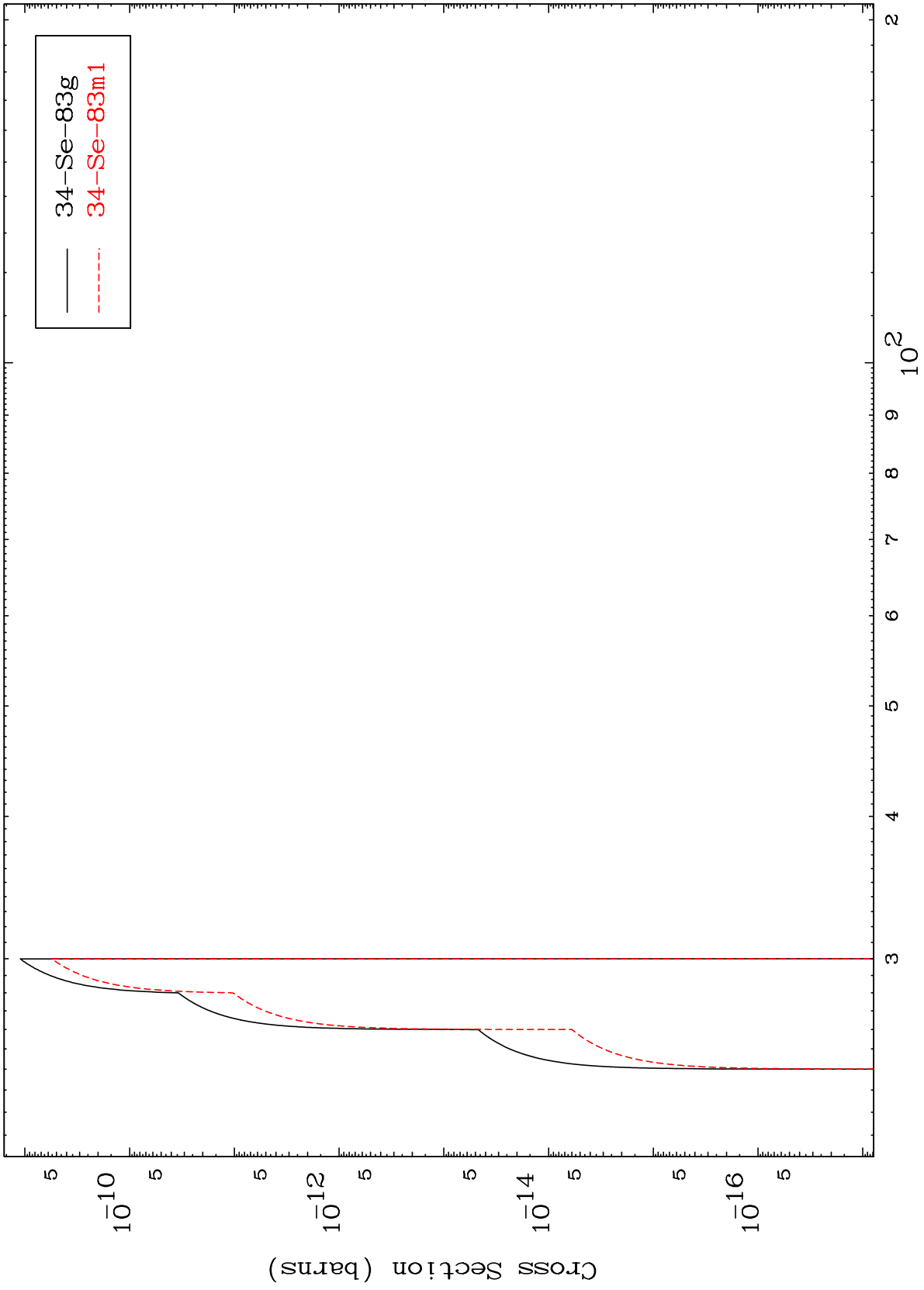
<sup>34</sup>Se-83

MAT 3452

( $\alpha, p$ ) t

<sup>34</sup>Se-83

Radionuclide Production Cross Section



22

Incident Energy (MeV)

<sup>34</sup>Se-83