

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](mailto:redcullen1@comcast.net)

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

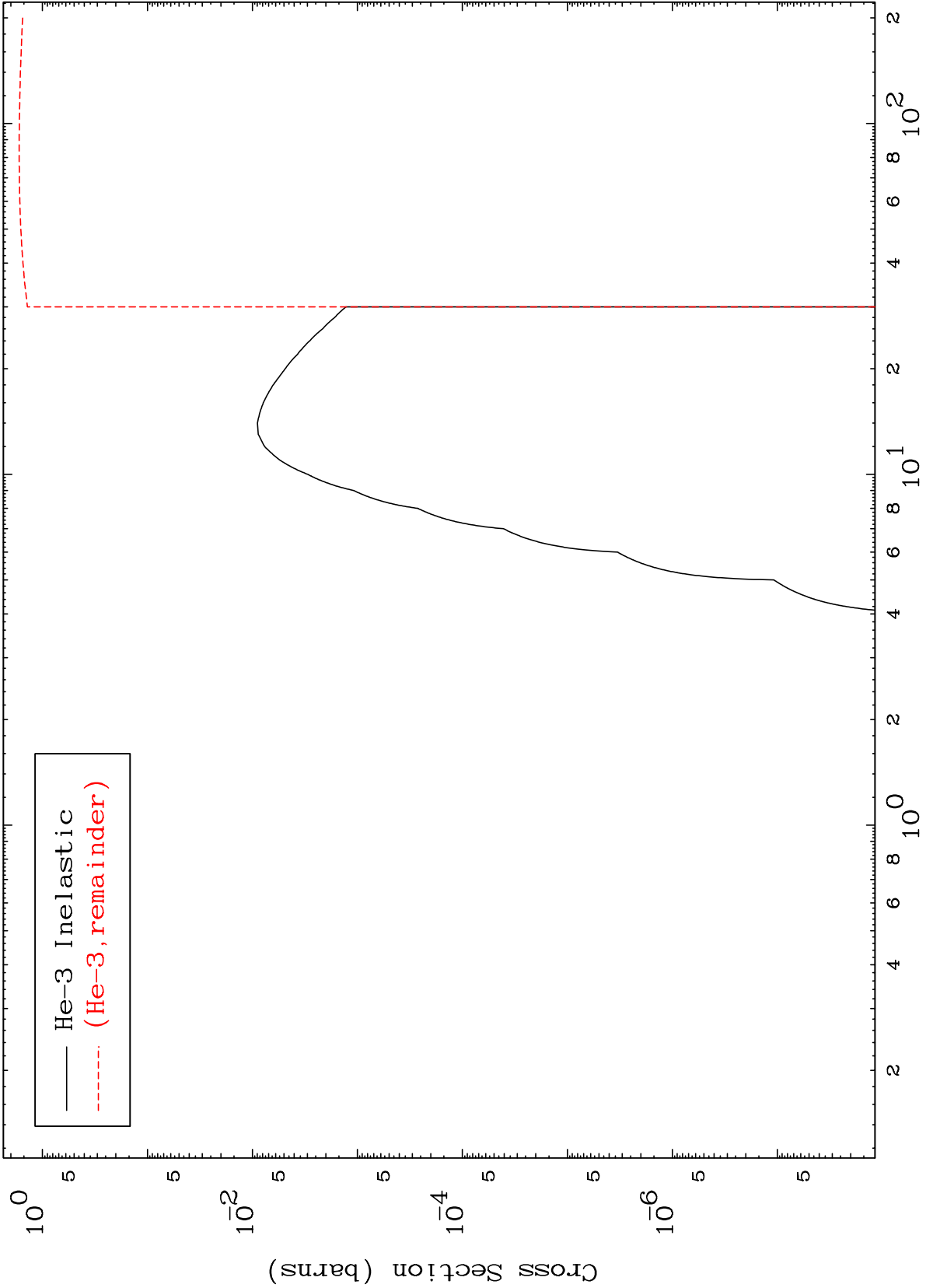
Press Mouse Button to Start

MAT 3453

He-3 Major

34-Se-83

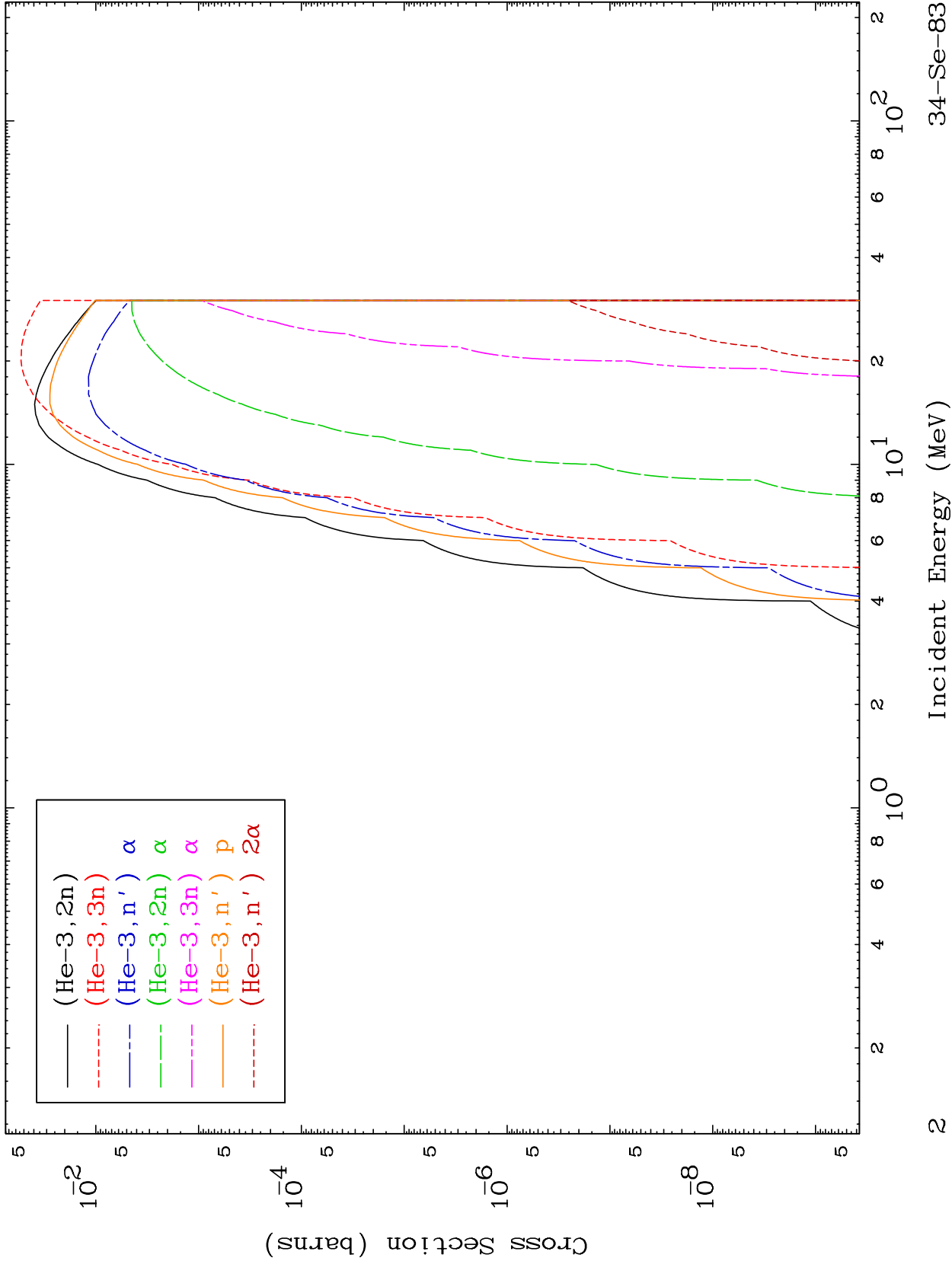
0 Kelvin Cross Sections

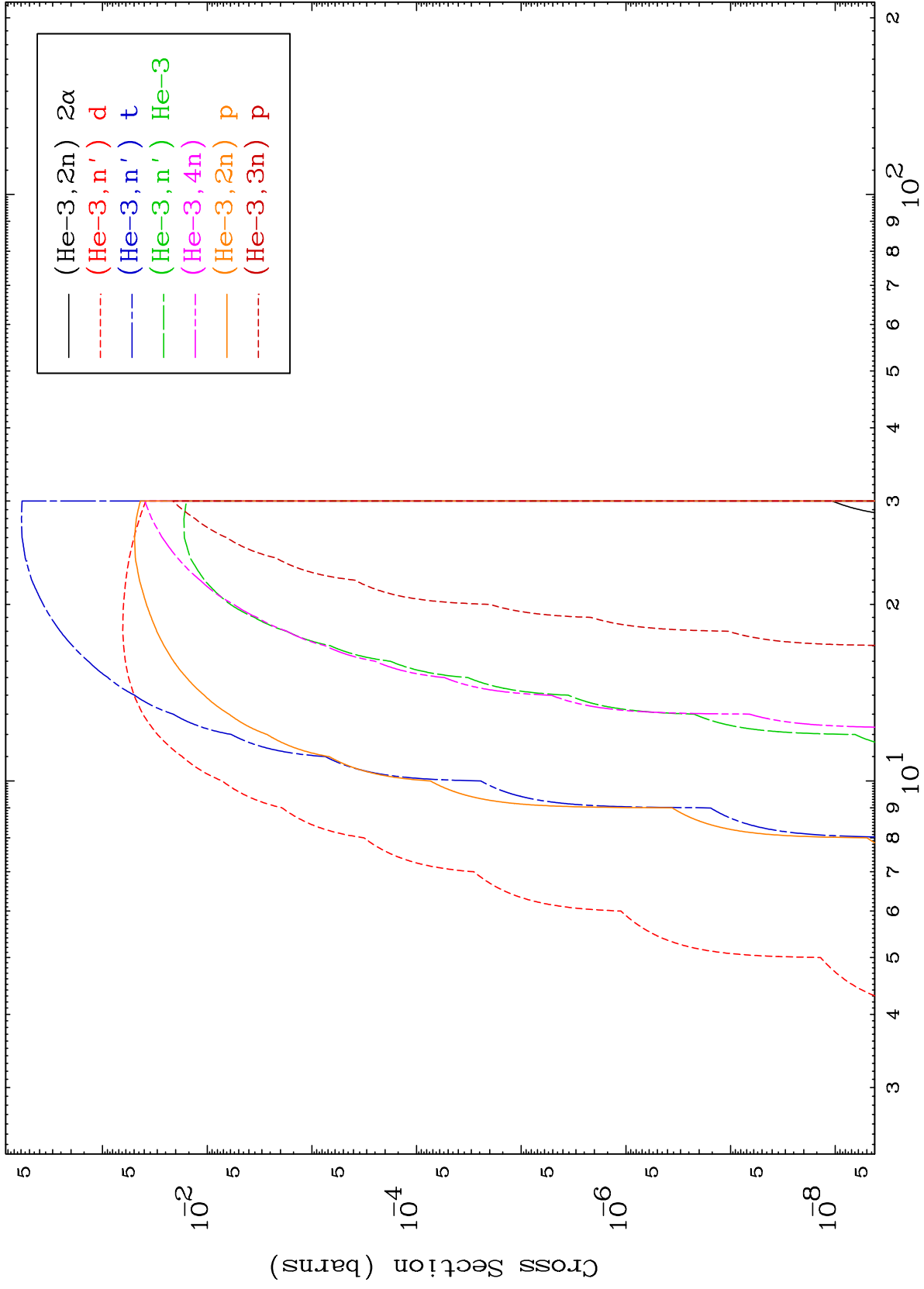


MAT 3453

He-3 Neutron Production  
0 Kelvin Cross Sections

34-Se-83

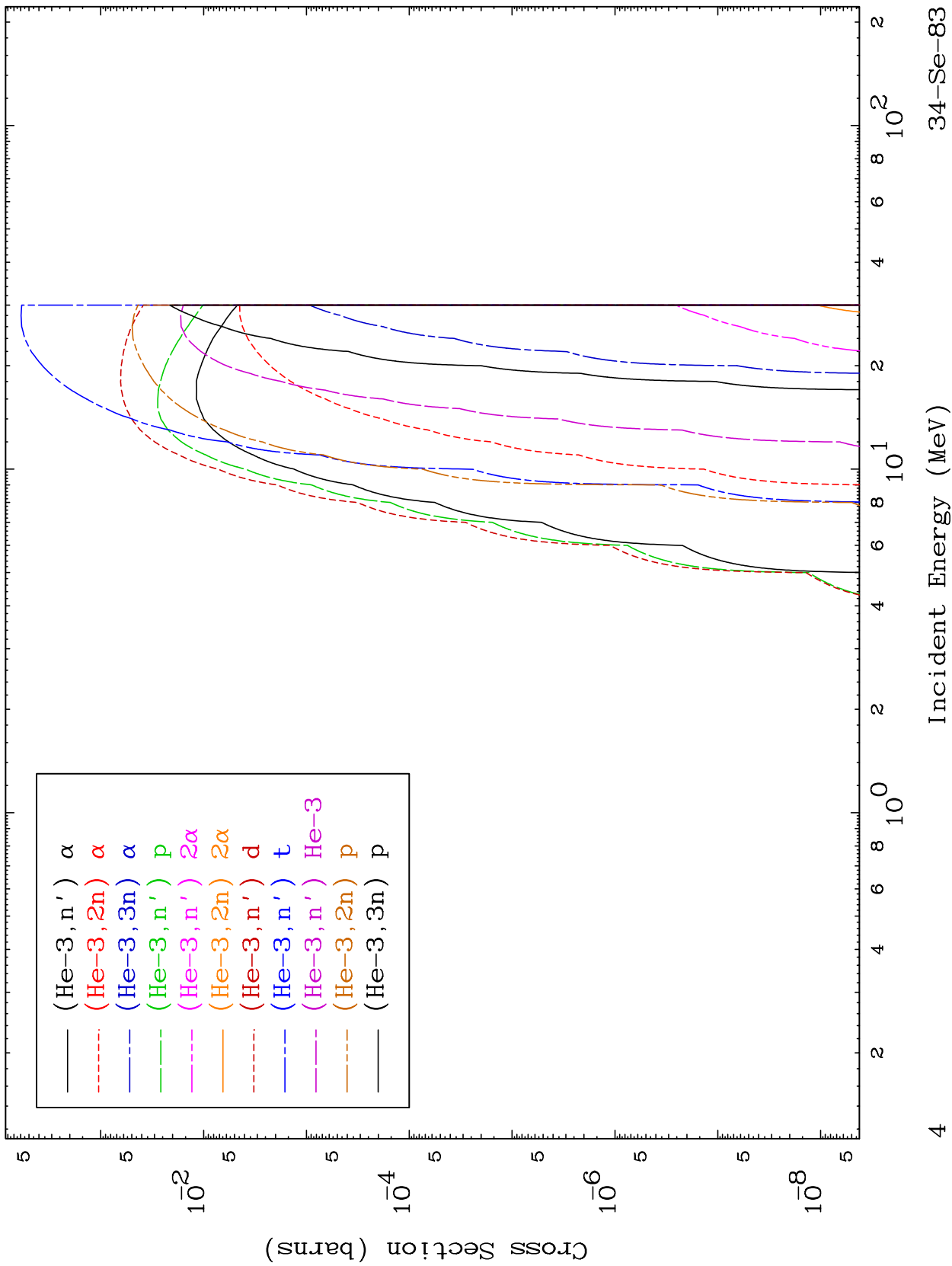




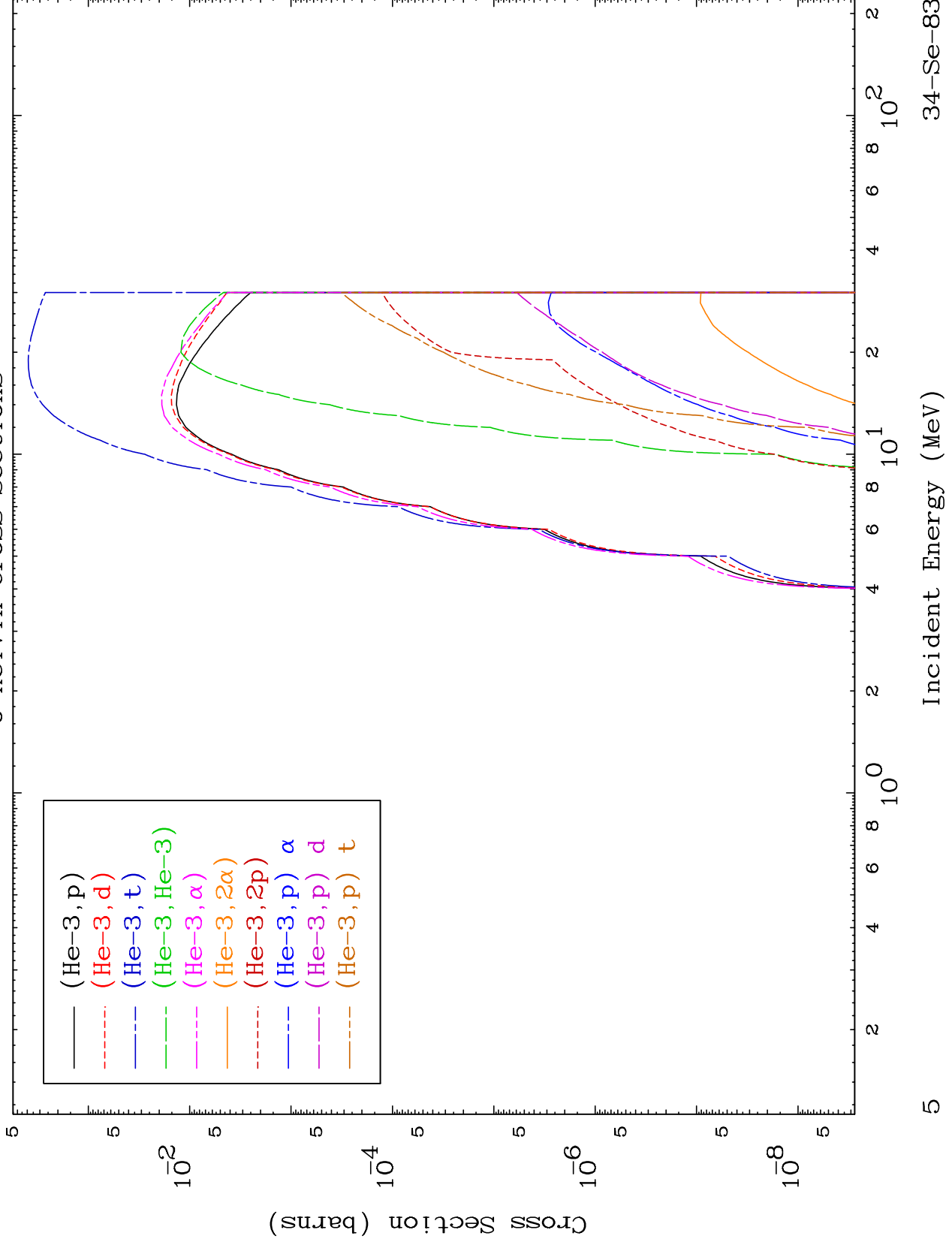
MAT 3453

He-3 Charged Particle  
0 Kelvin Cross Sections

34-Se-83



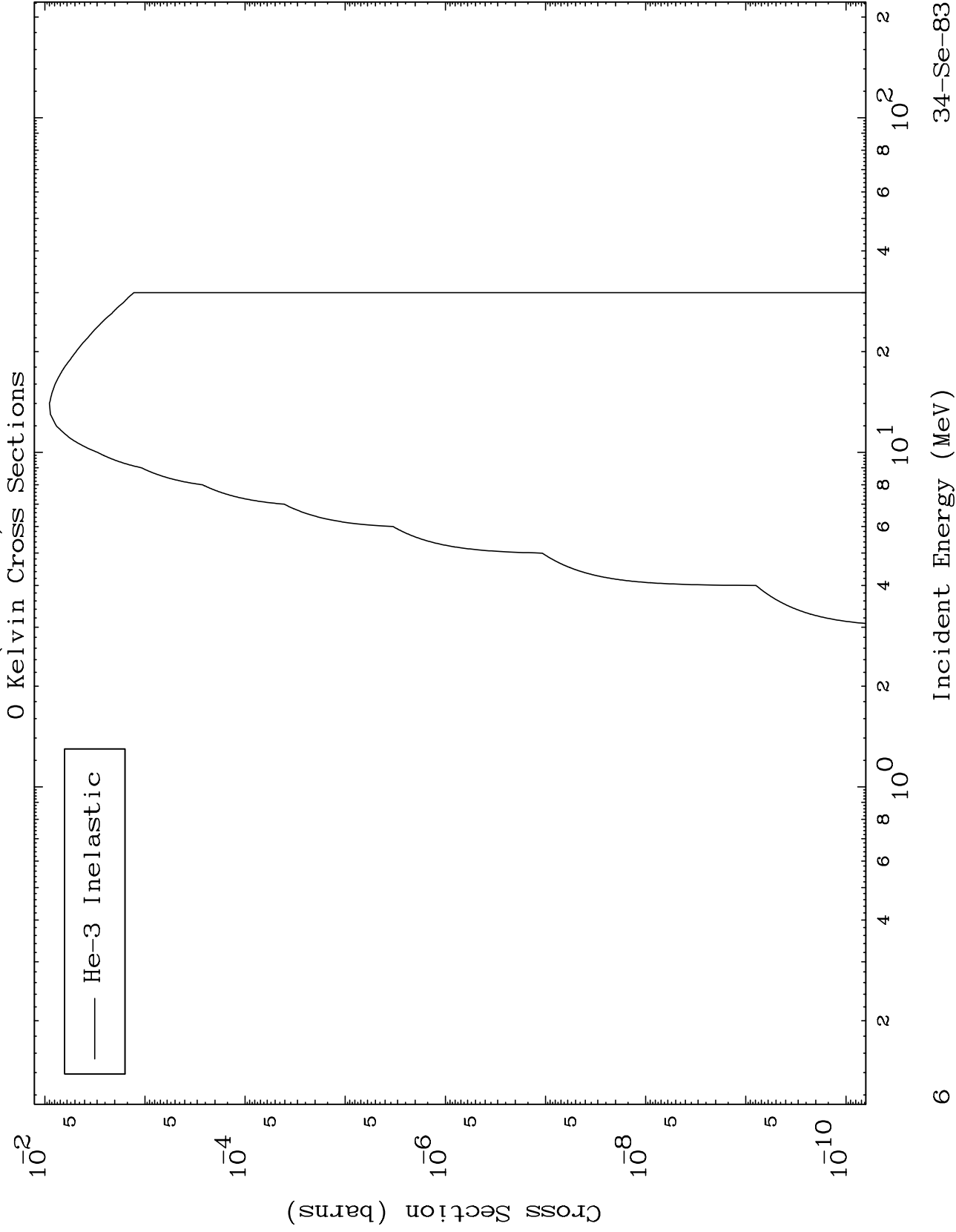
34-Se-83



MAT 3453

(He-3, n') Level

34-Se-83

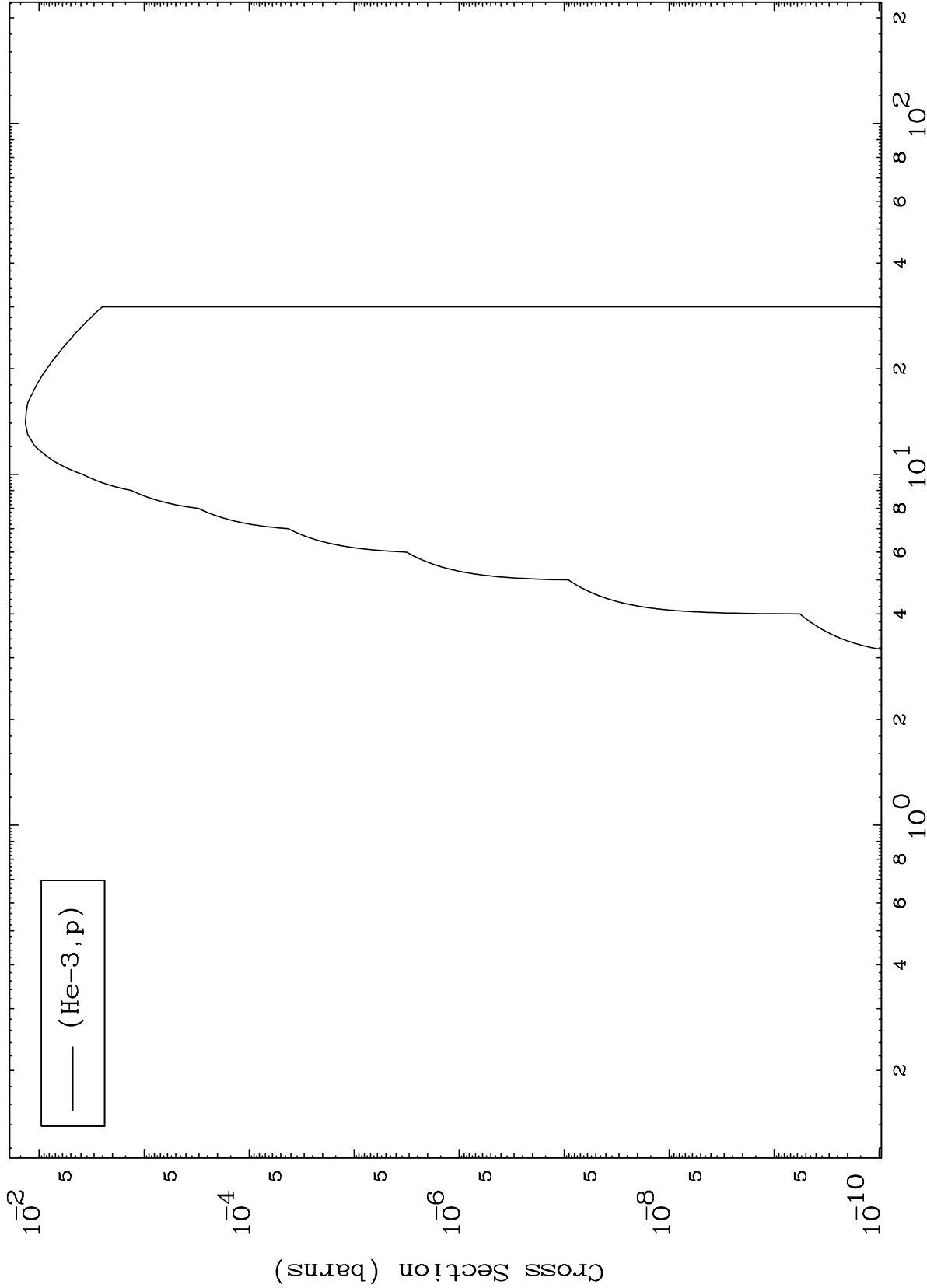


MAT 3453

(He-3,p) Levels

34-Se-83

0 Kelvin Cross Sections



(He-3,p)

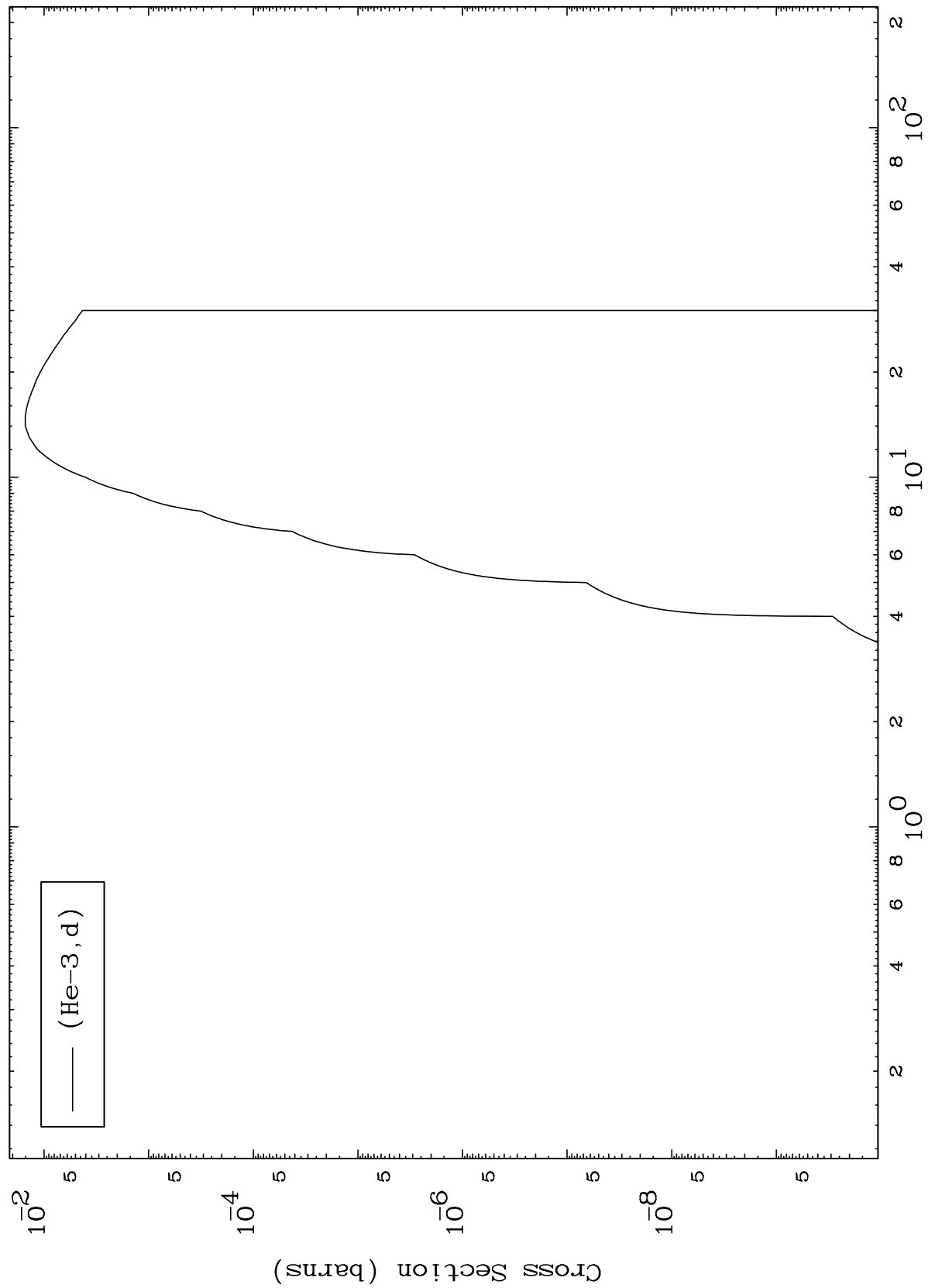


MAT 3453

(He-3, d) Levels

34-Se-83

0 Kelvin Cross Sections

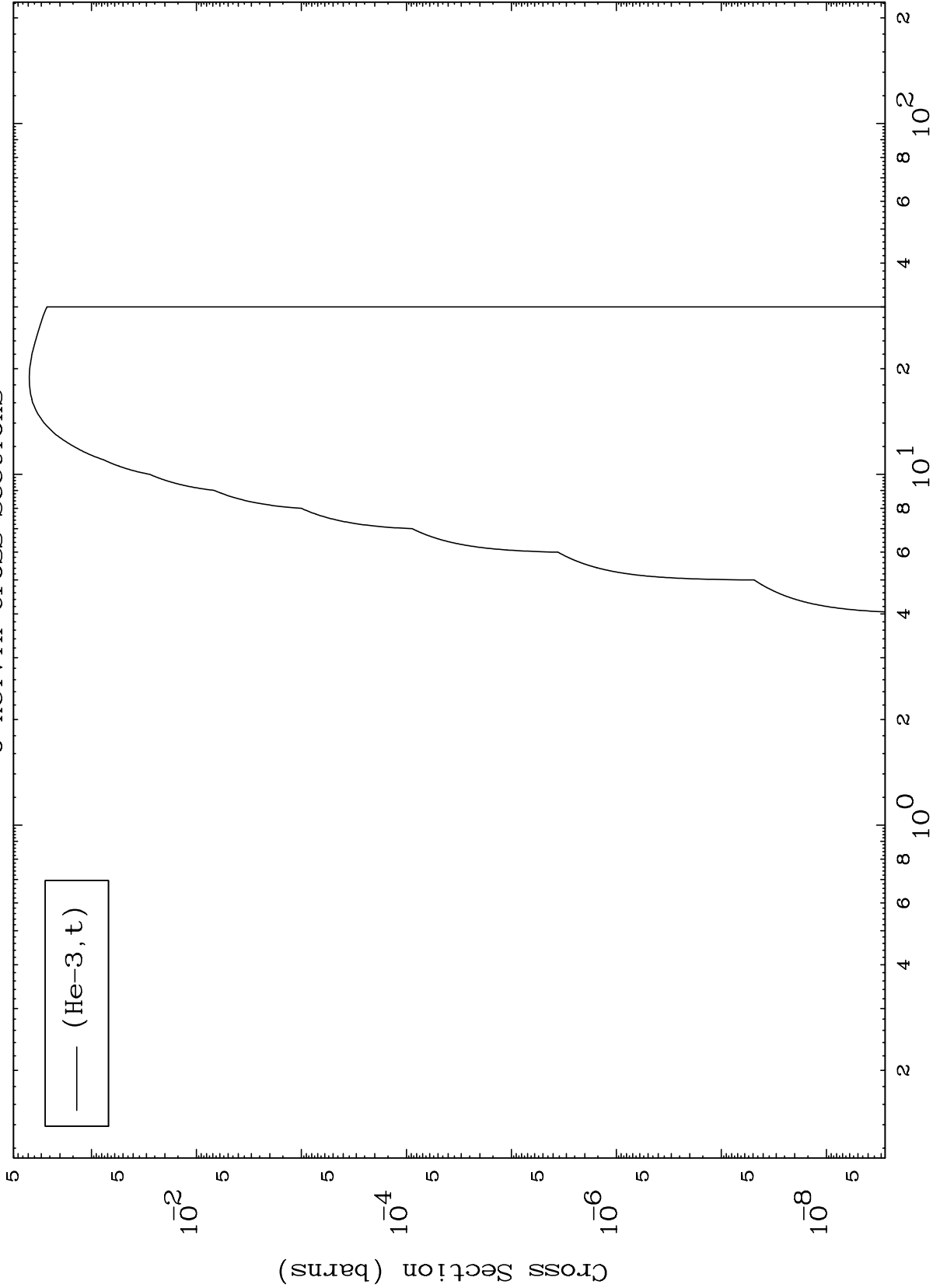


MAT 3453

(He-3, t) Levels

34-Se-83

0 Kelvin Cross Sections

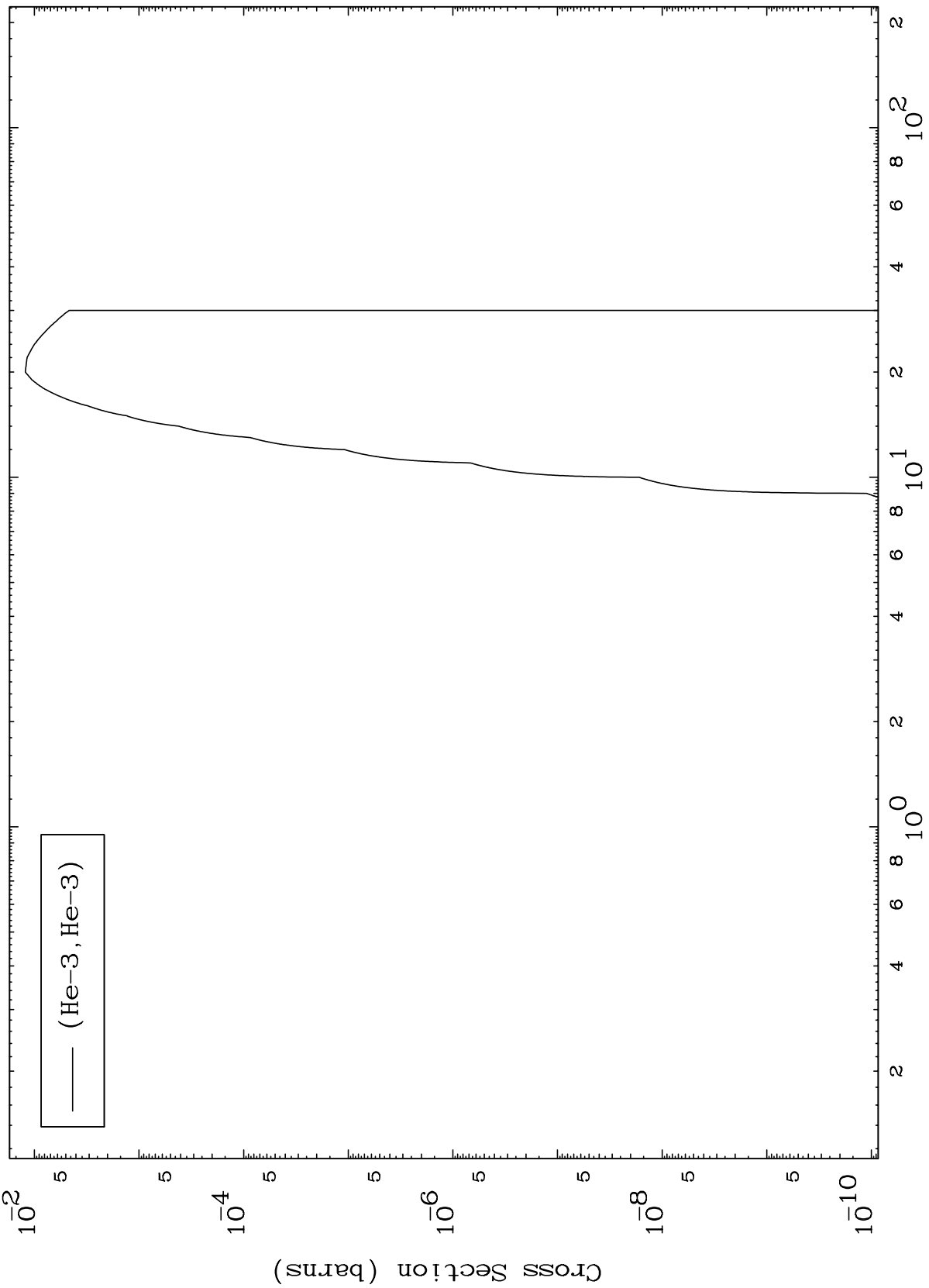


MAT 3453

(He-3, He3) Levels

34-Se-83

0 Kelvin Cross Sections



10

Incident Energy (MeV)

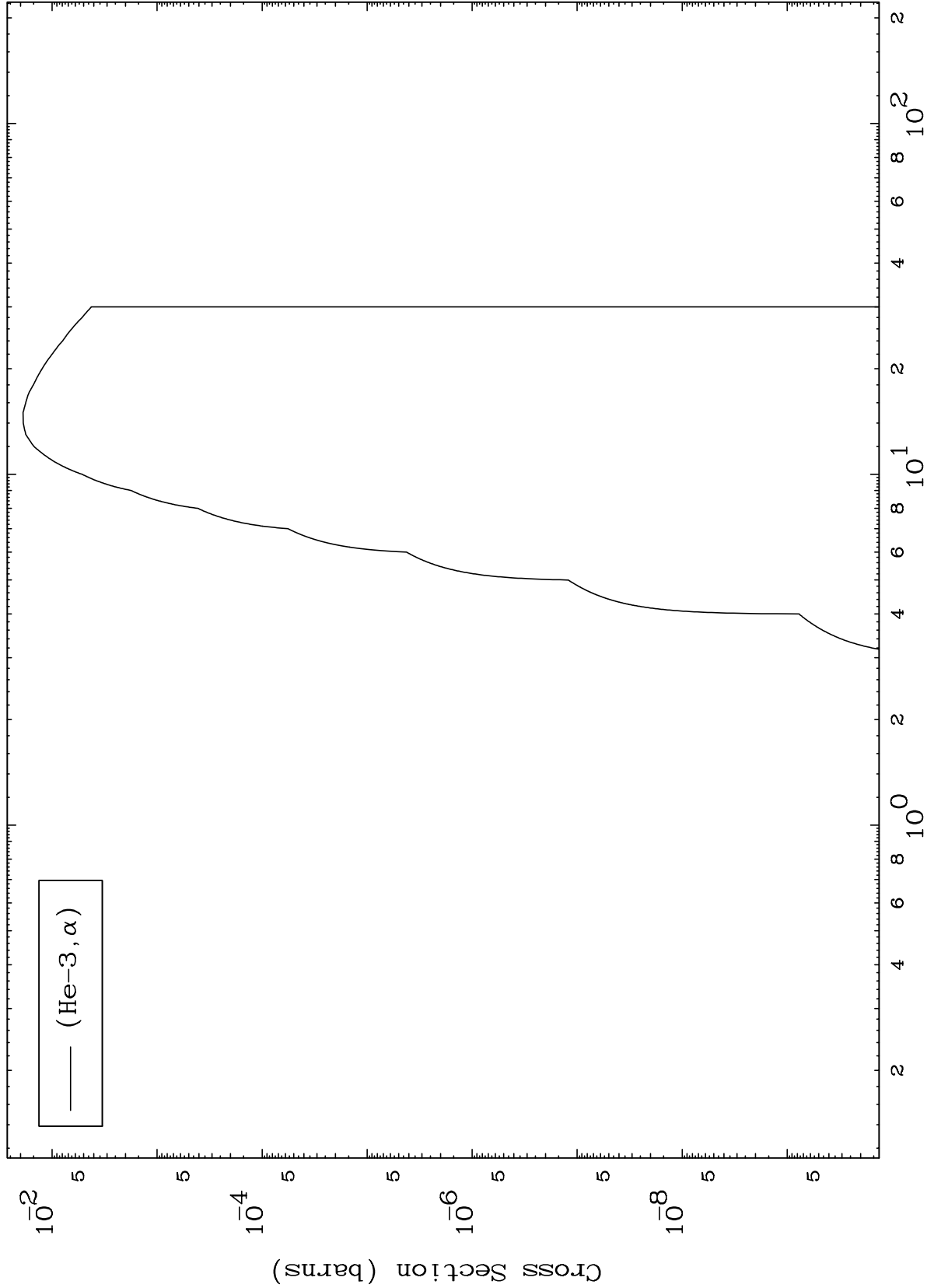
34-Se-83

MAT 3453

(He-3,  $\alpha$ ) Levels

34-Se-83

0 Kelvin Cross Sections

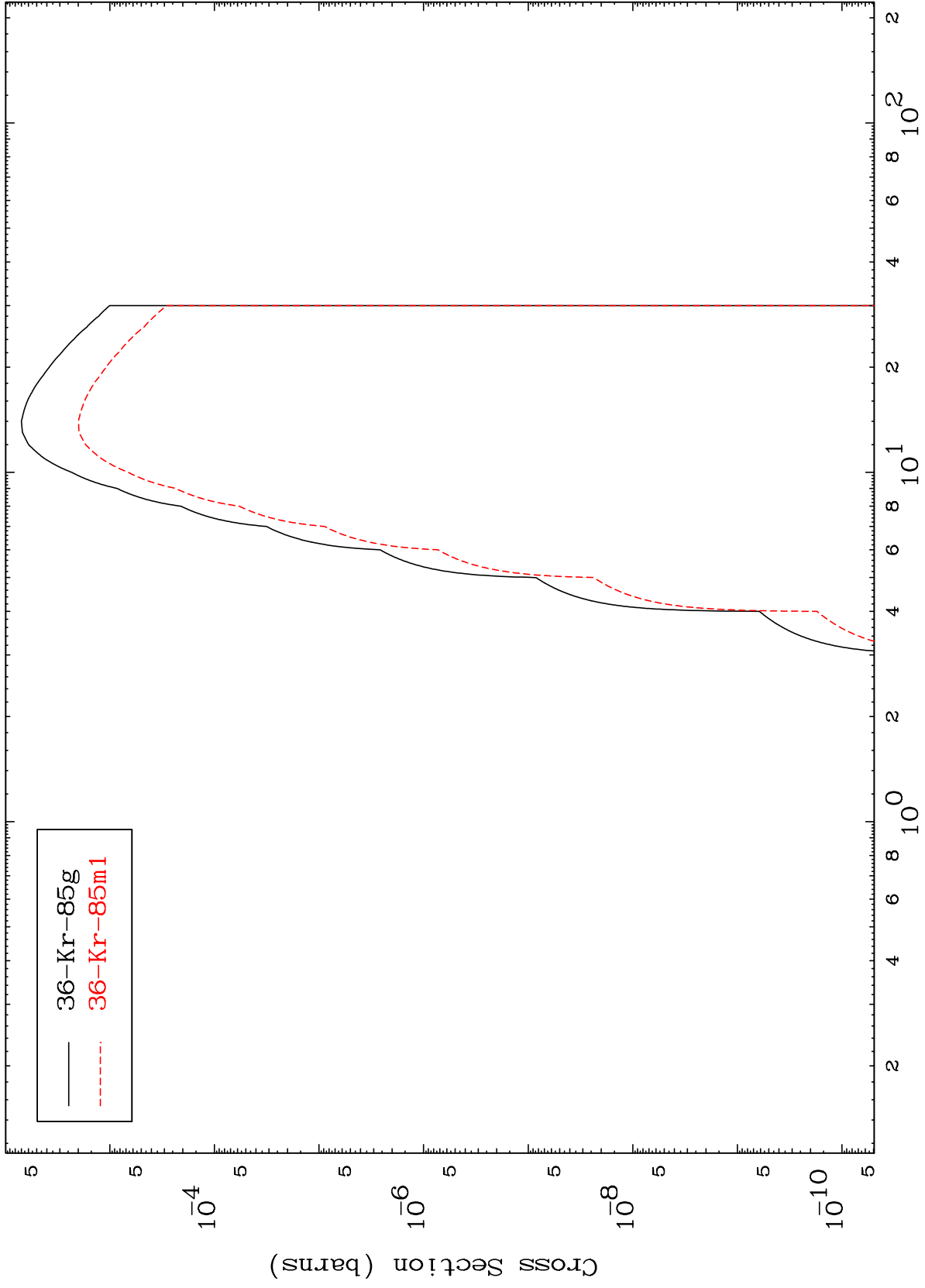


MAT 3453

He-3 Inelastic

34-Se-83

Radionuclide Production Cross Section

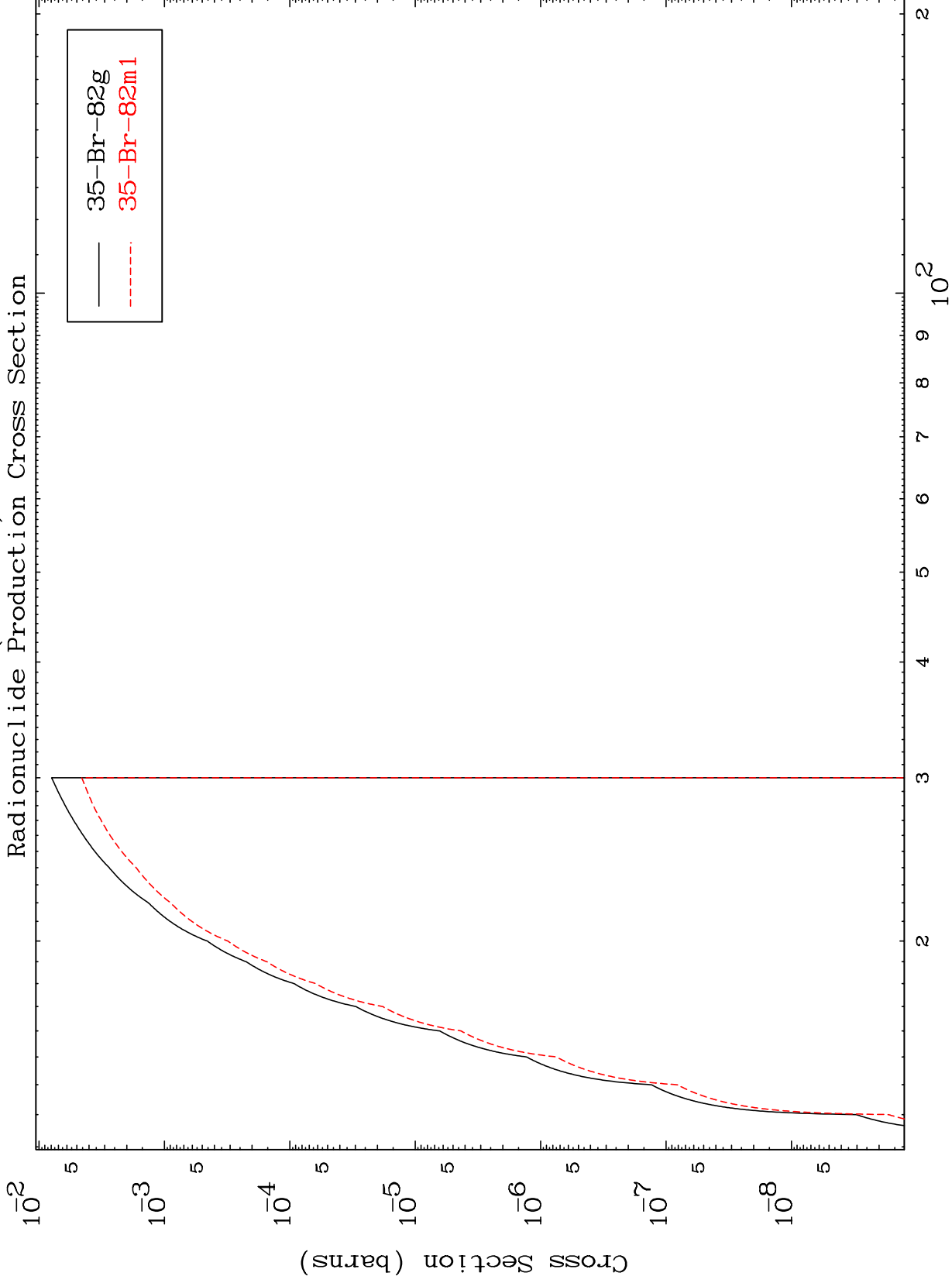


— 36-Kr-85g  
- - - 36-Kr-85m1

MAT 3453

(He-3,2n) d

<sup>34</sup>Se-83



13

Incident Energy (MeV)

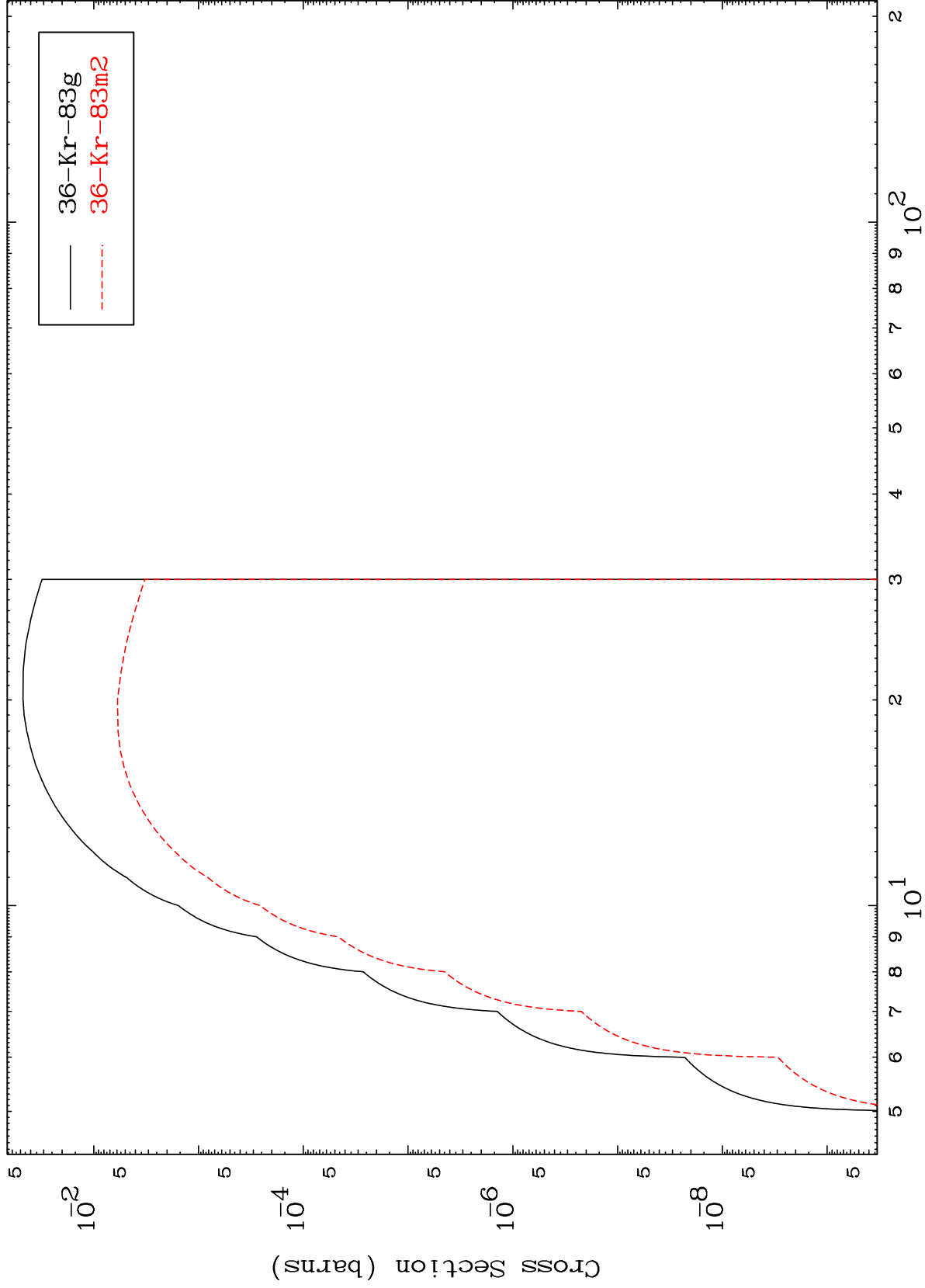
<sup>34</sup>Se-83

MAT 3453

(He-3,3n)

34-Se-83

Radionuclide Production Cross Section



14

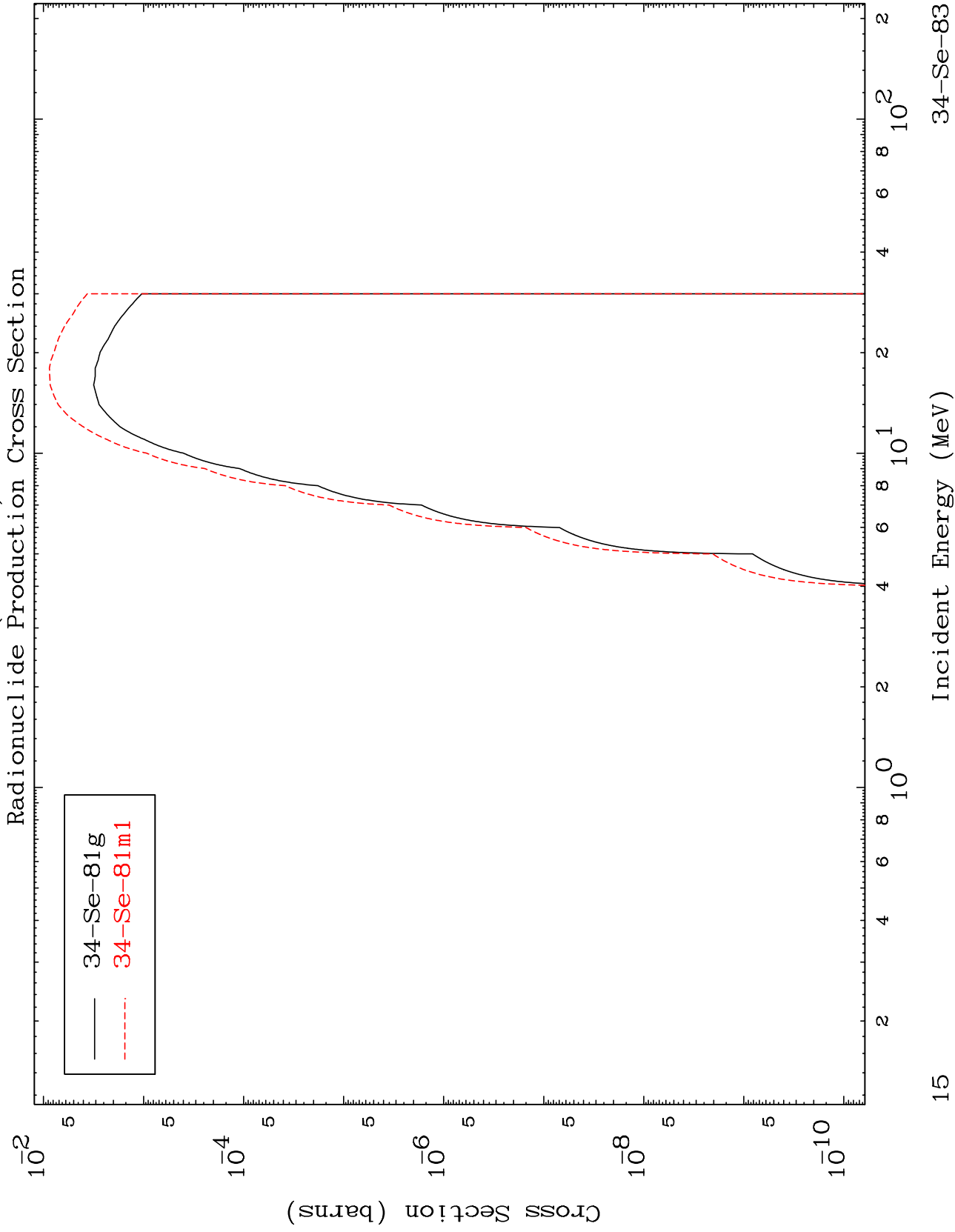
Incident Energy (MeV)

34-Se-83

MAT 3453

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

<sup>34</sup>Se-83



15

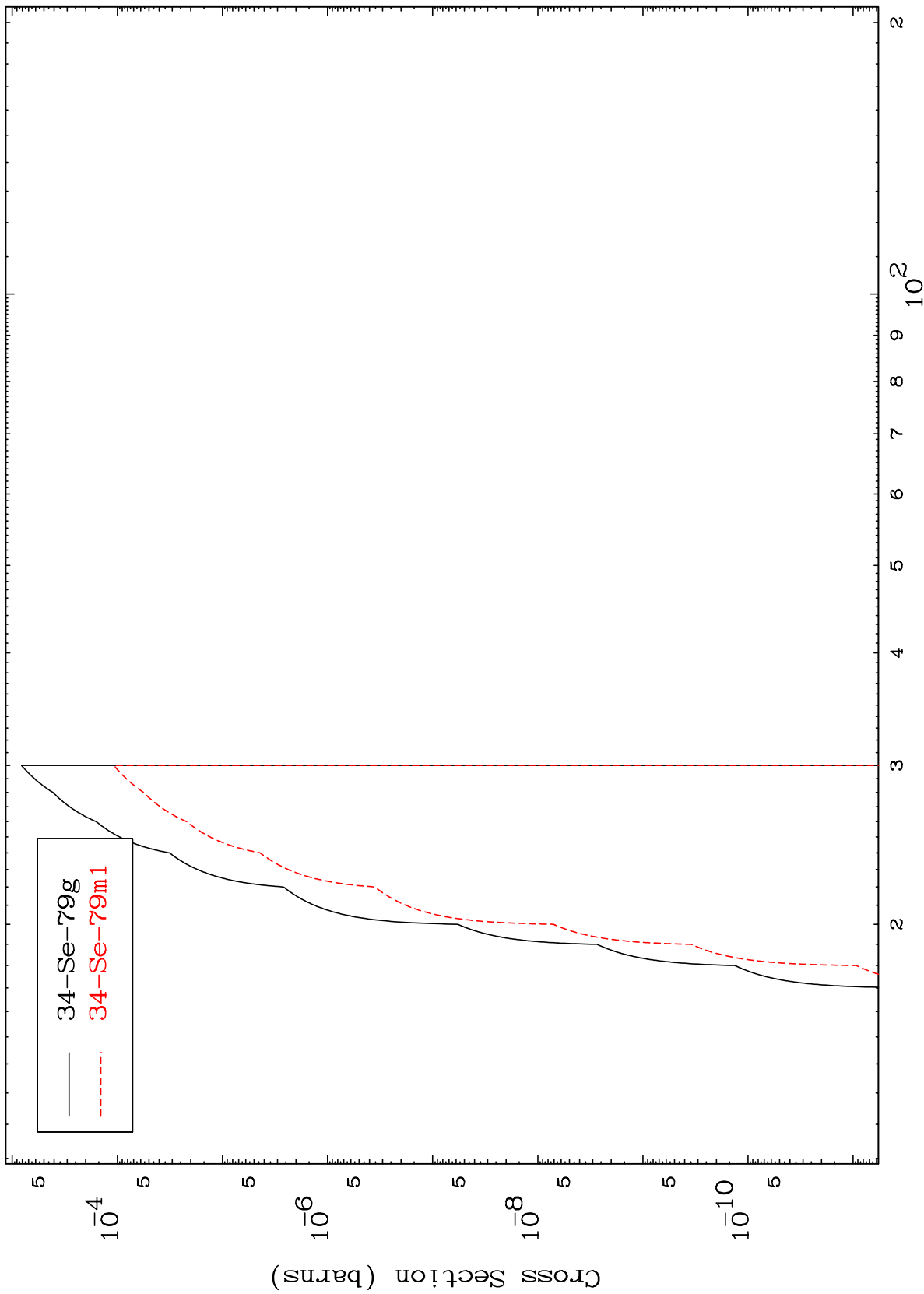


MAT 3453

<sup>34</sup>Se-83

(He-3,3n) α

Radionuclide Production Cross Section



<sup>34</sup>Se-83

Incident Energy (MeV)

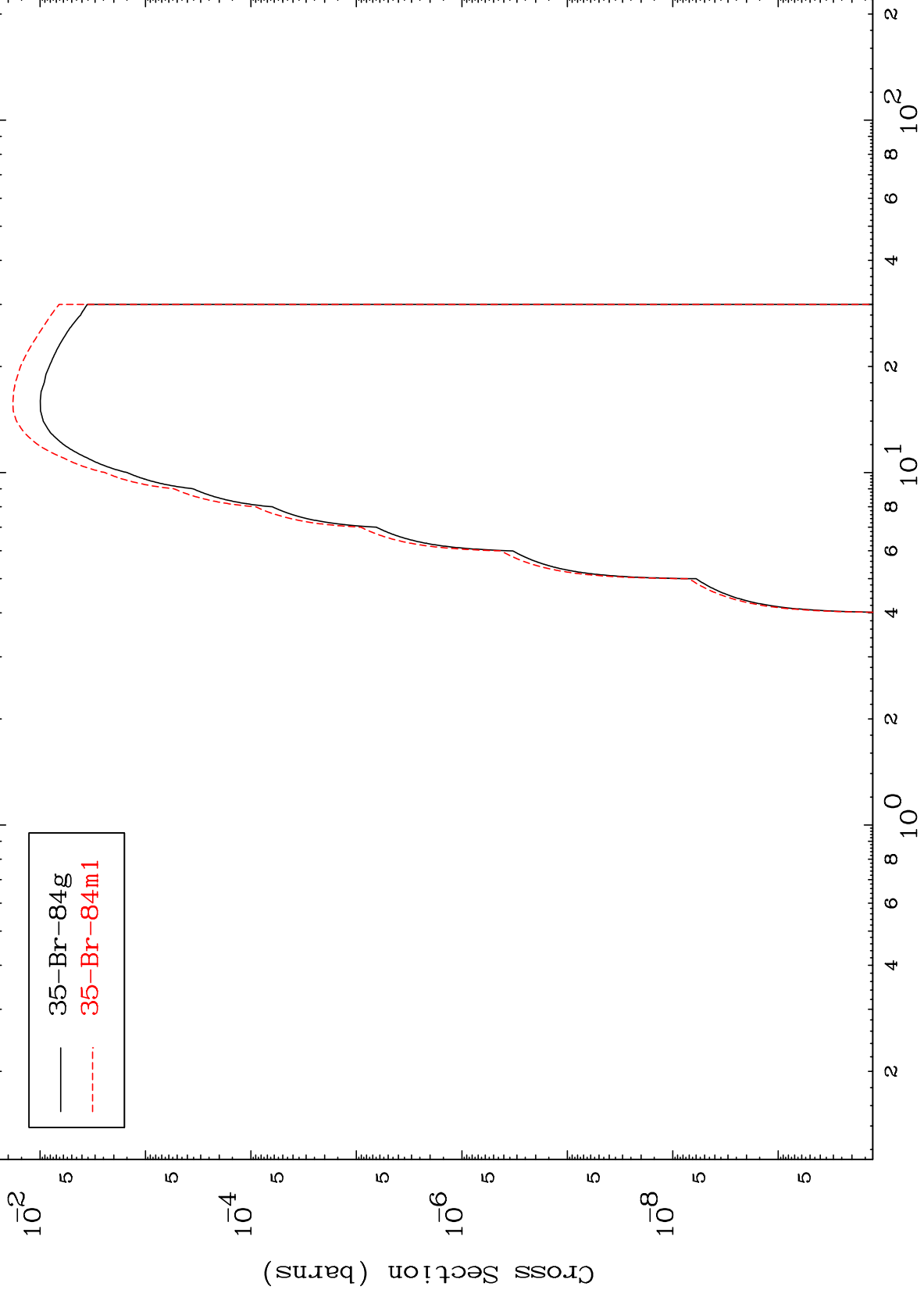
16

MAT 3453

(He-3, n') p

34-Se-83

Radionuclide Production Cross Section



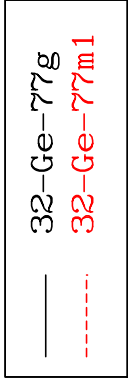
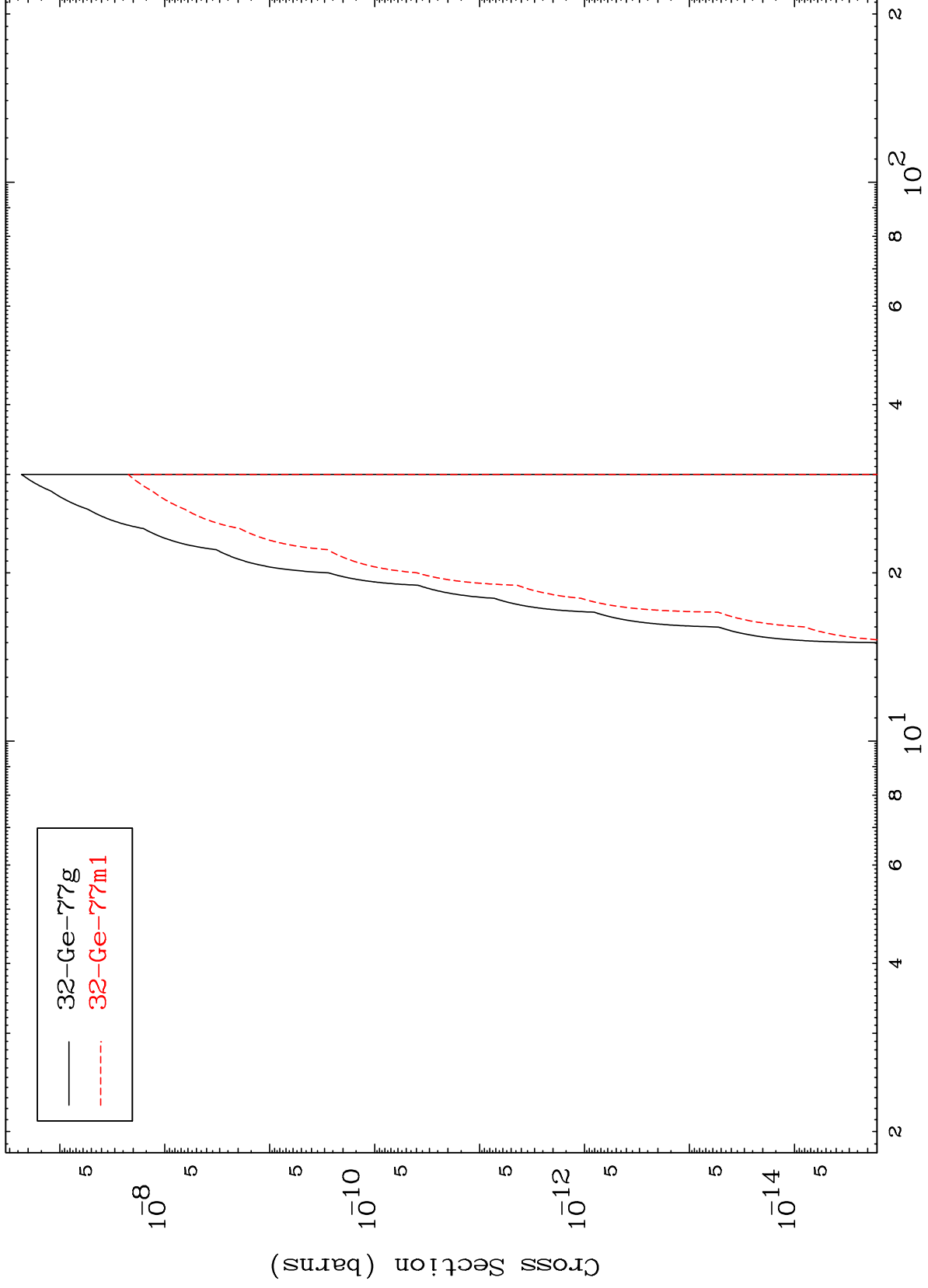
35-Br-84g  
35-Br-84m1

MAT 3453

(He-3, n') 2α

34-Se-83

Radionuclide Production Cross Section



18

Incident Energy (MeV)

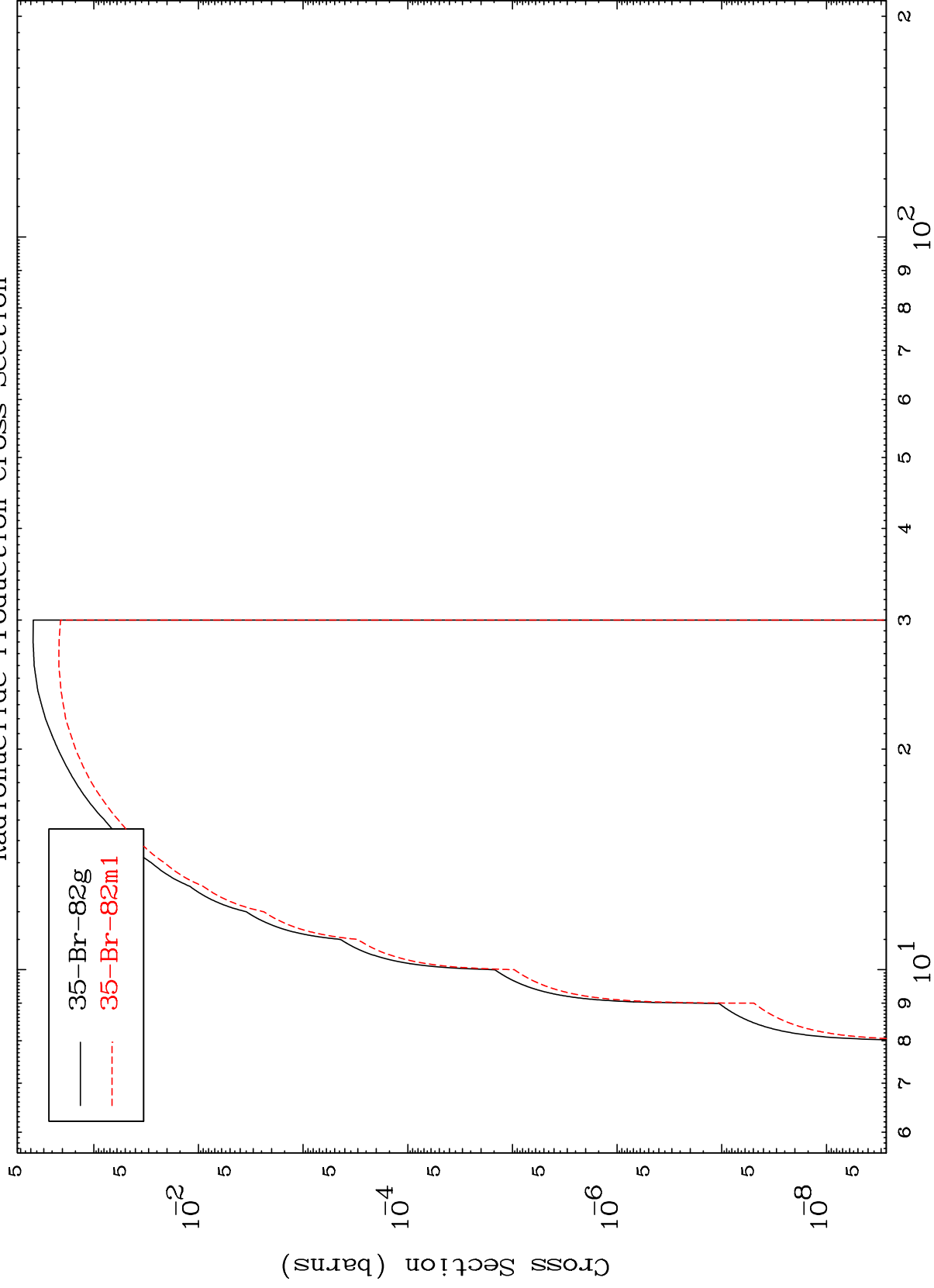
34-Se-83

MAT 3453

(He-3, n') t

34-Se-83

Radionuclide Production Cross Section



19

Incident Energy (MeV)

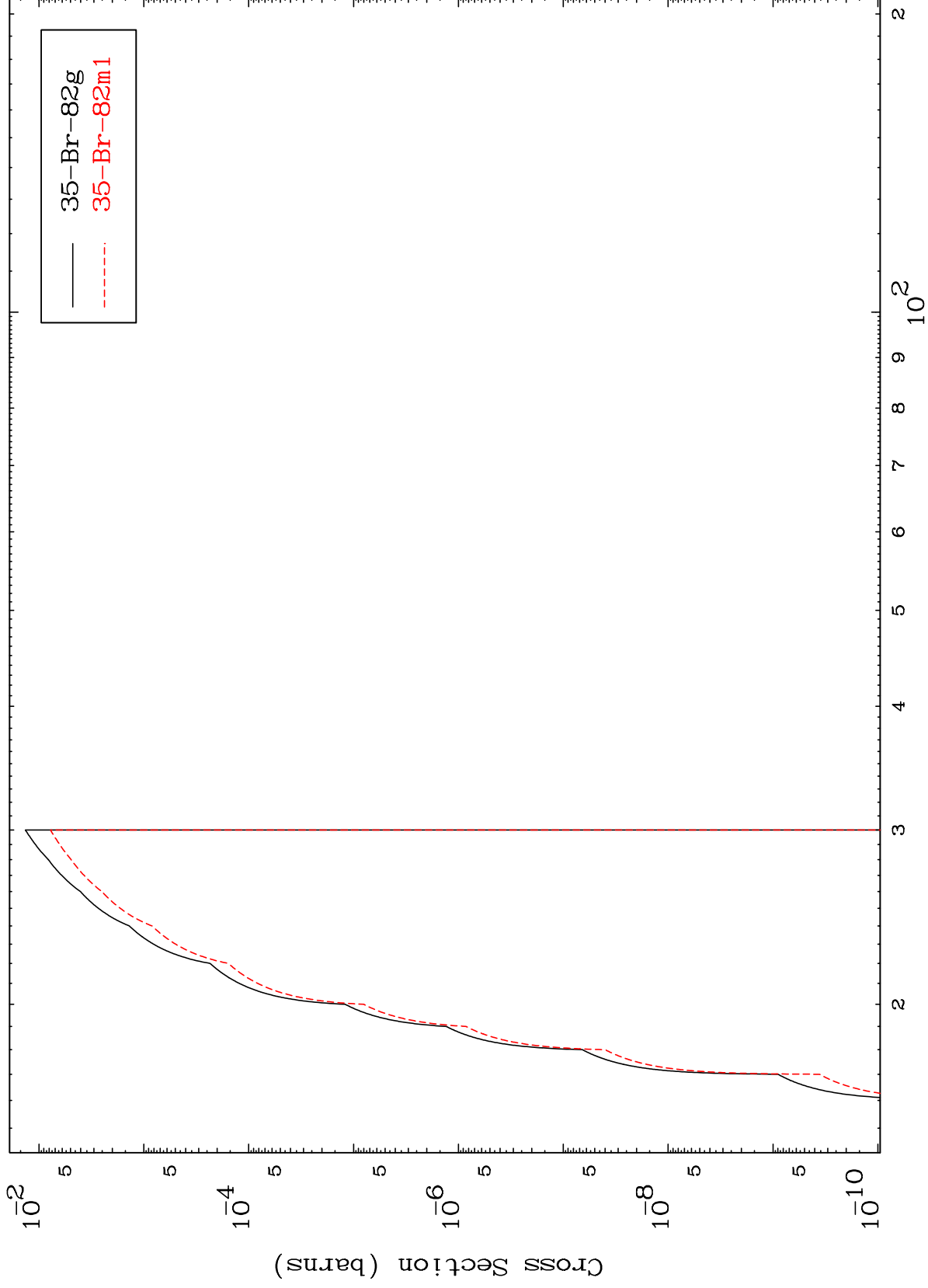
34-Se-83

MAT 3453

(He-3,3n) p

<sup>34</sup>Se-83

Radionuclide Production Cross Section



20

Incident Energy (MeV)

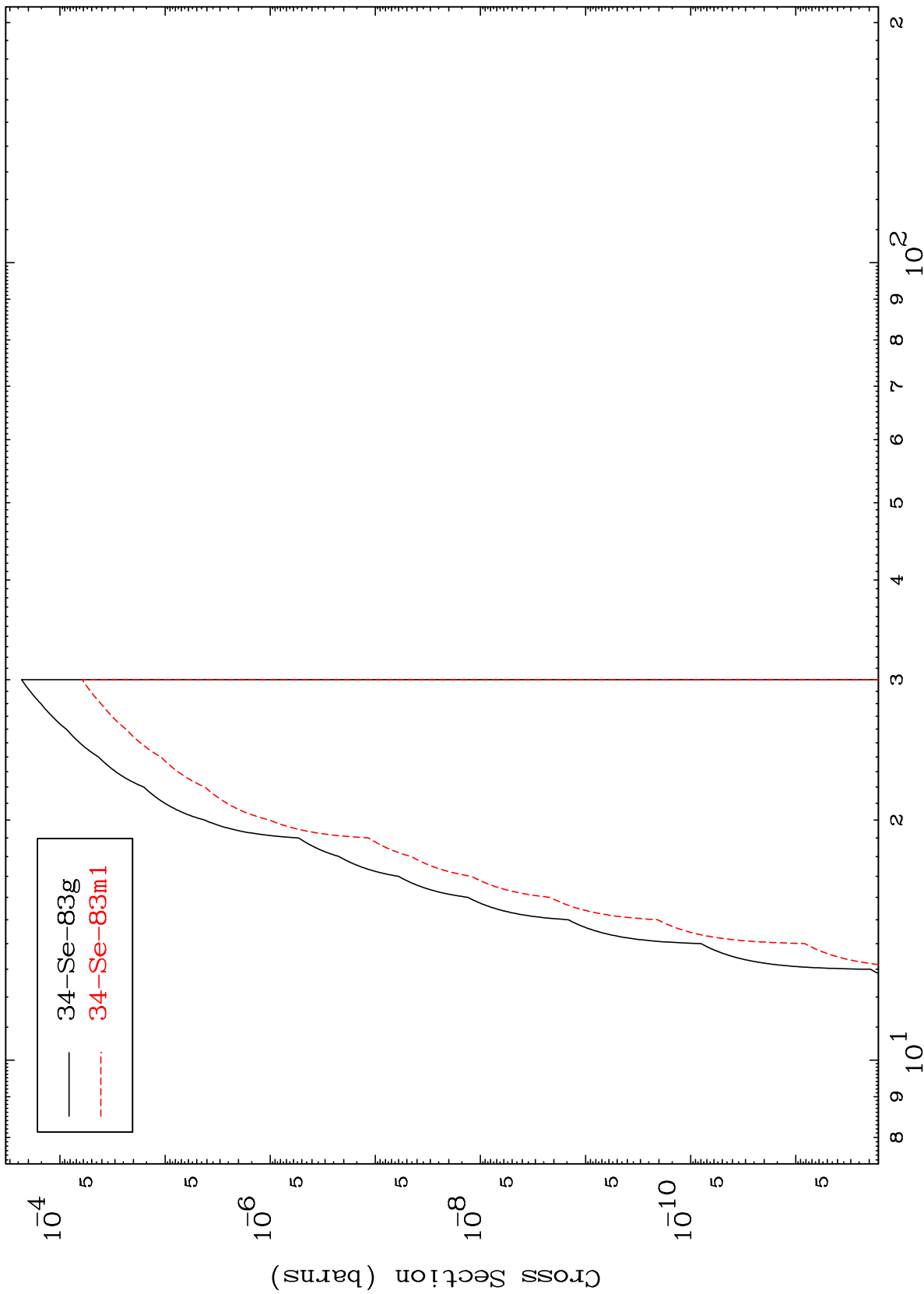
10<sup>2</sup>

<sup>34</sup>Se-83

MAT 3453

<sup>34</sup>Se-83

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



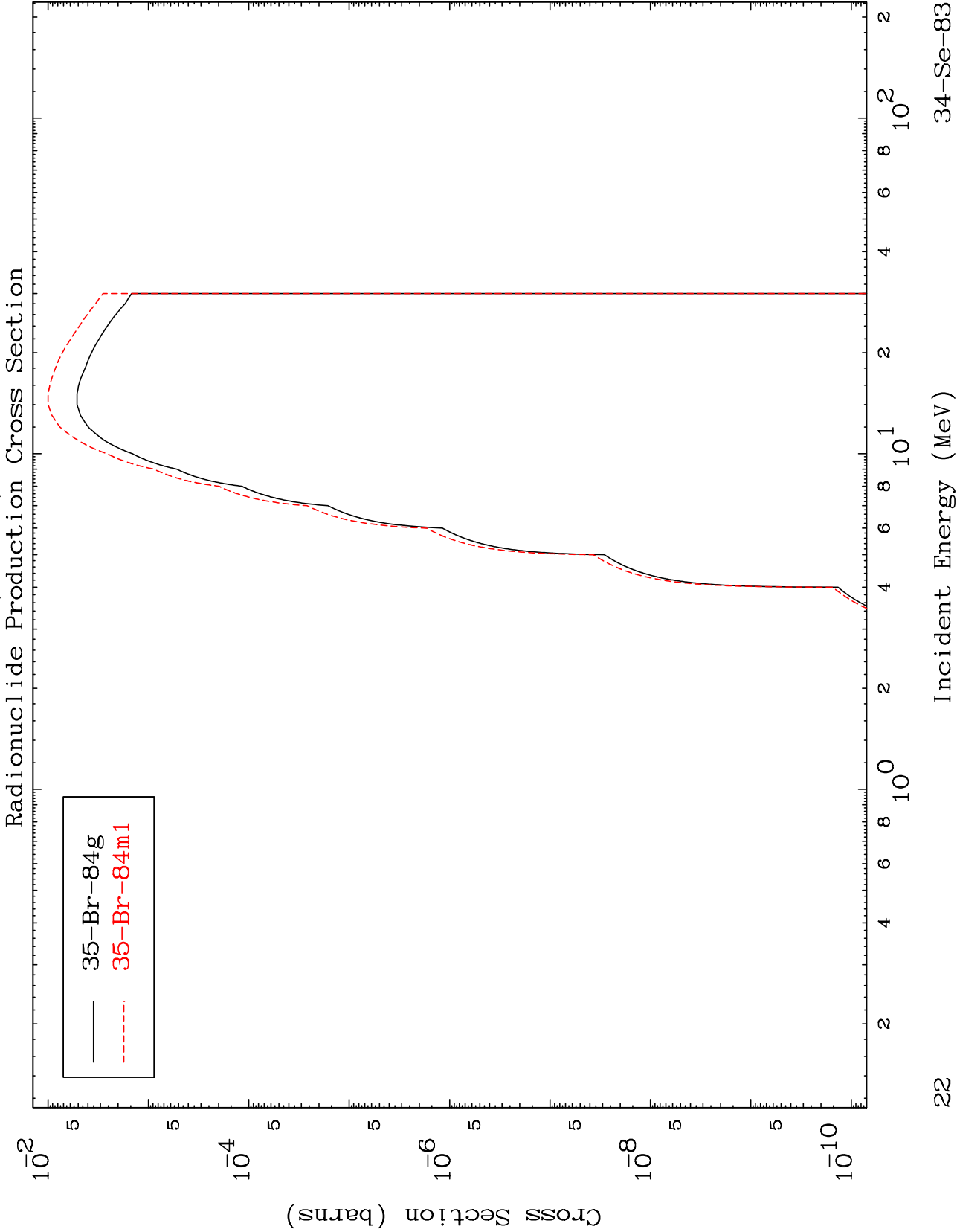
21

<sup>34</sup>Se-83

MAT 3453

(He-3, d)

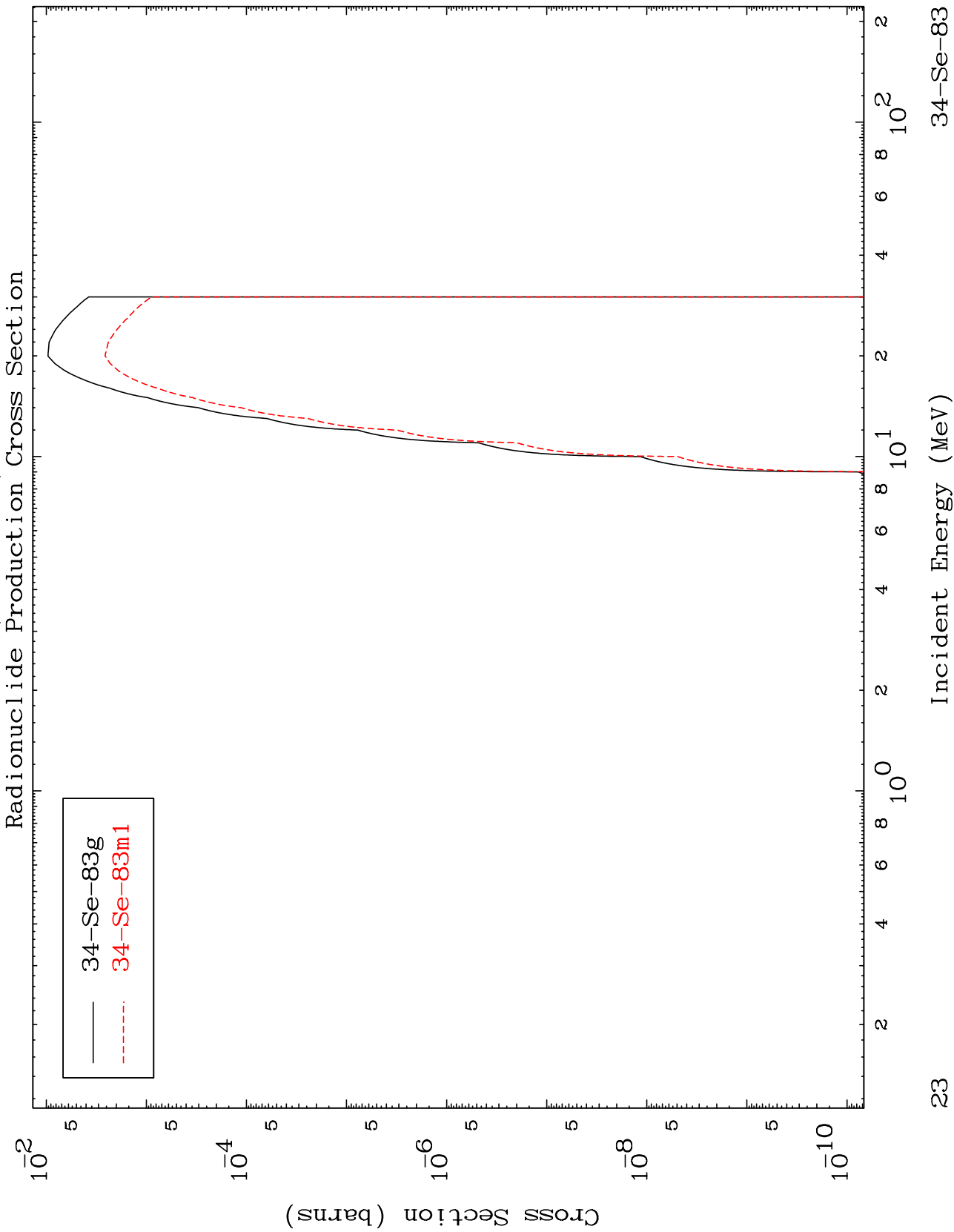
34-Se-83



MAT 3453

(He-3, He-3)

<sup>34</sup>Se-83



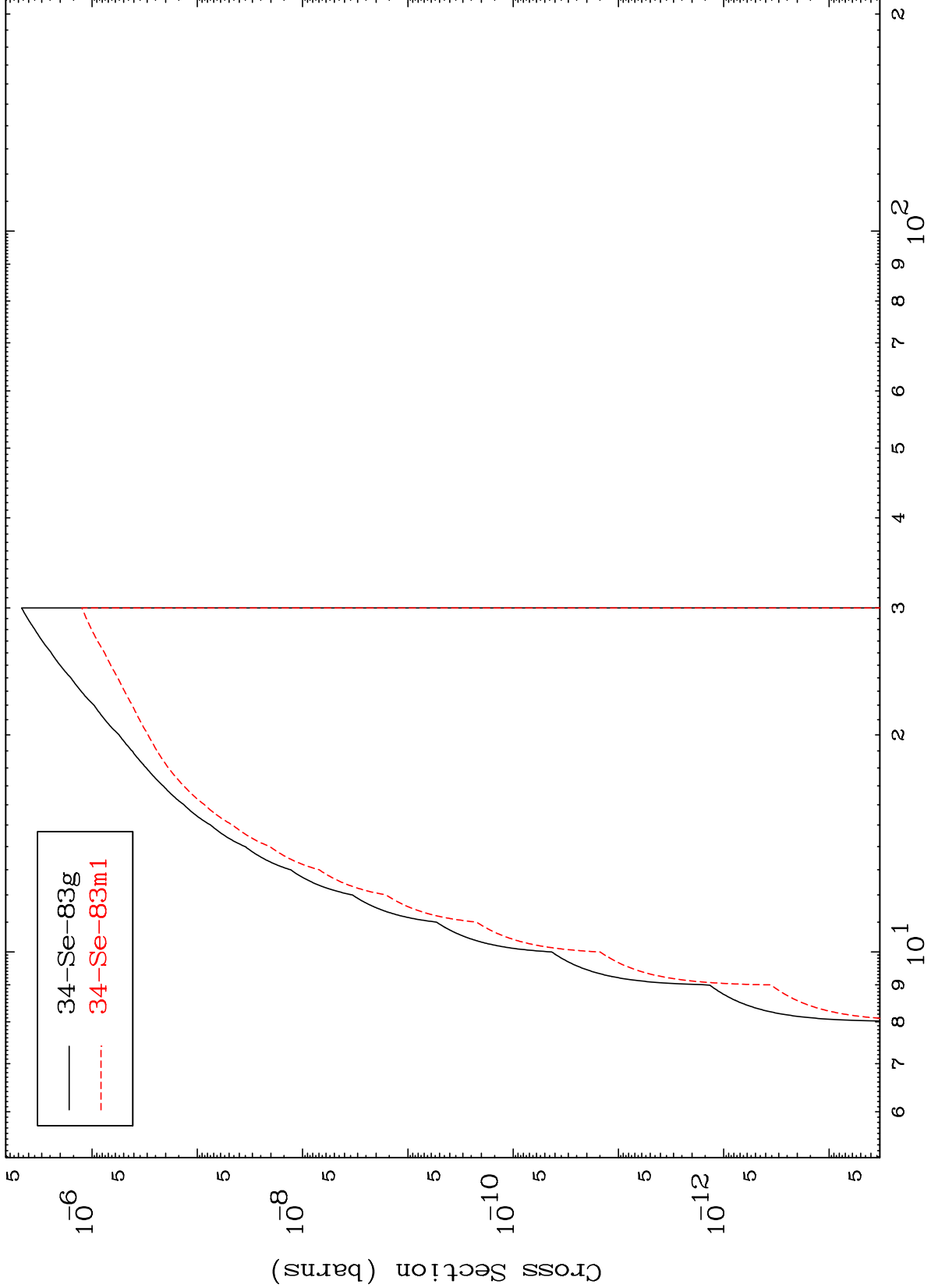


MAT 3453

(He-3,p) d

<sup>34</sup>Se-83

Radionuclide Production Cross Section



24

Incident Energy (MeV)

<sup>34</sup>Se-83