

Program EVALPLOT  
(Version 2017-1)

by

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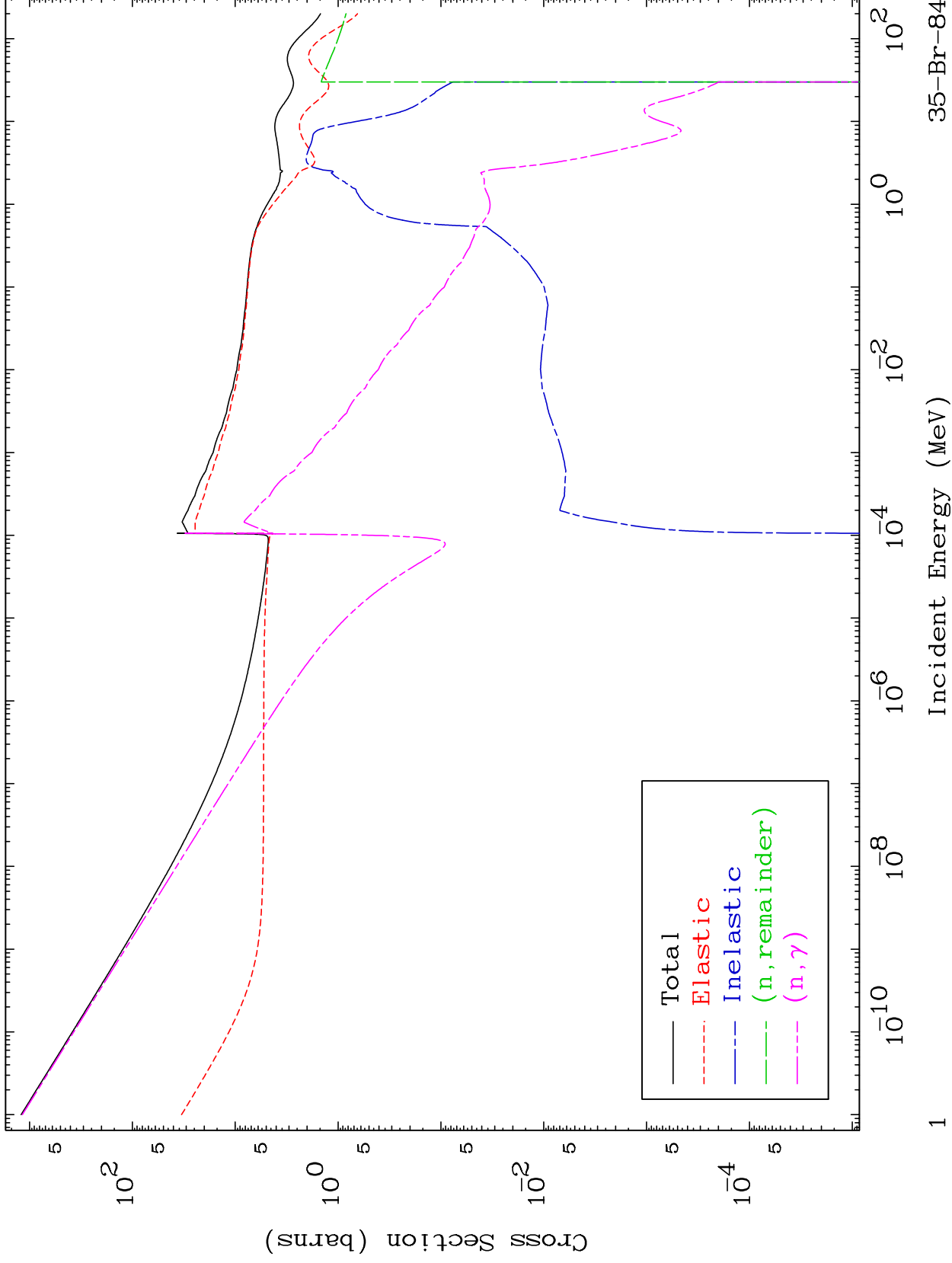
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3541

Major  
293 Kelvin Cross Sections

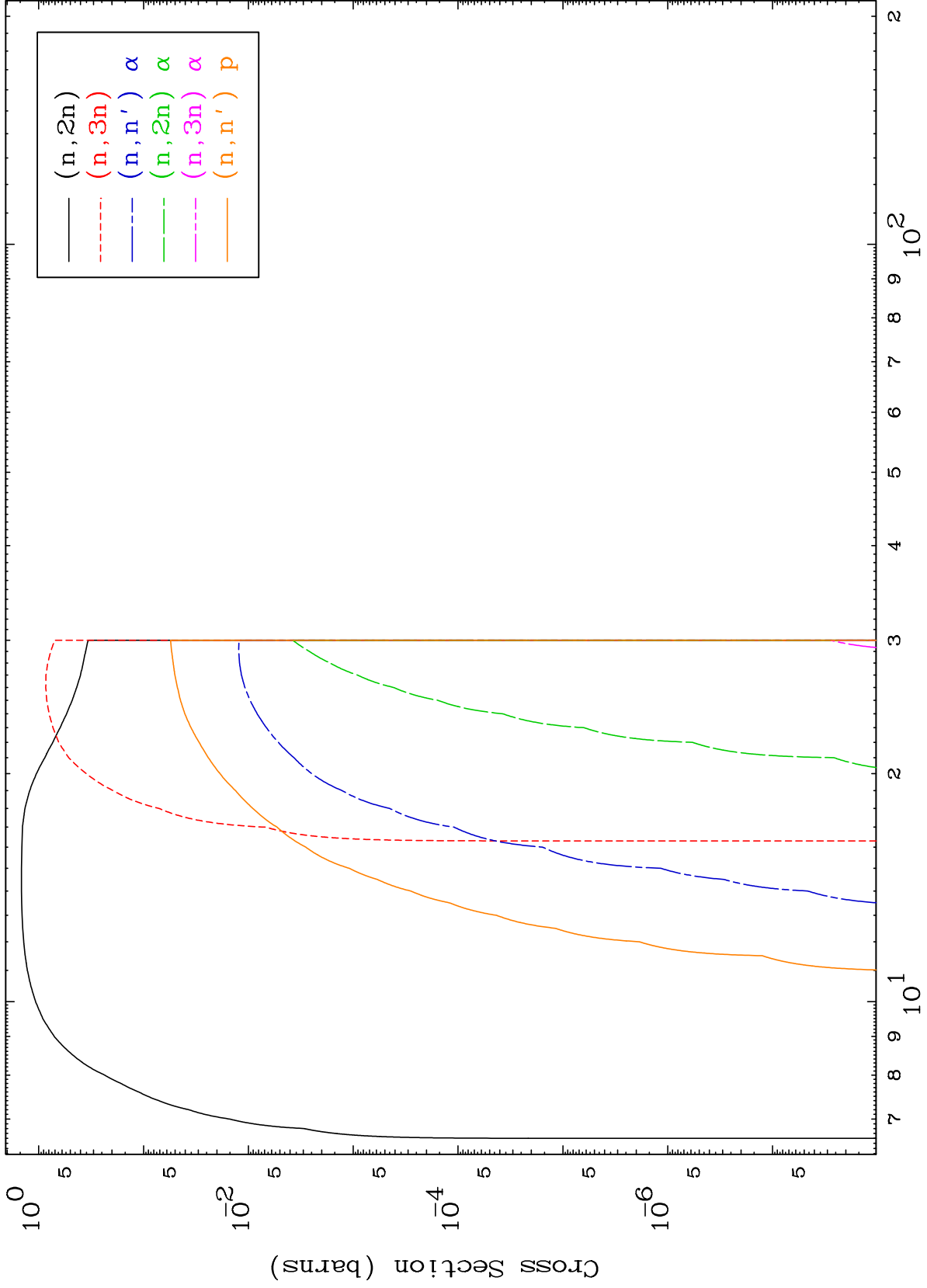
35-Br-84



MAT 3541

Neutron Production  
293 Kelvin Cross Sections

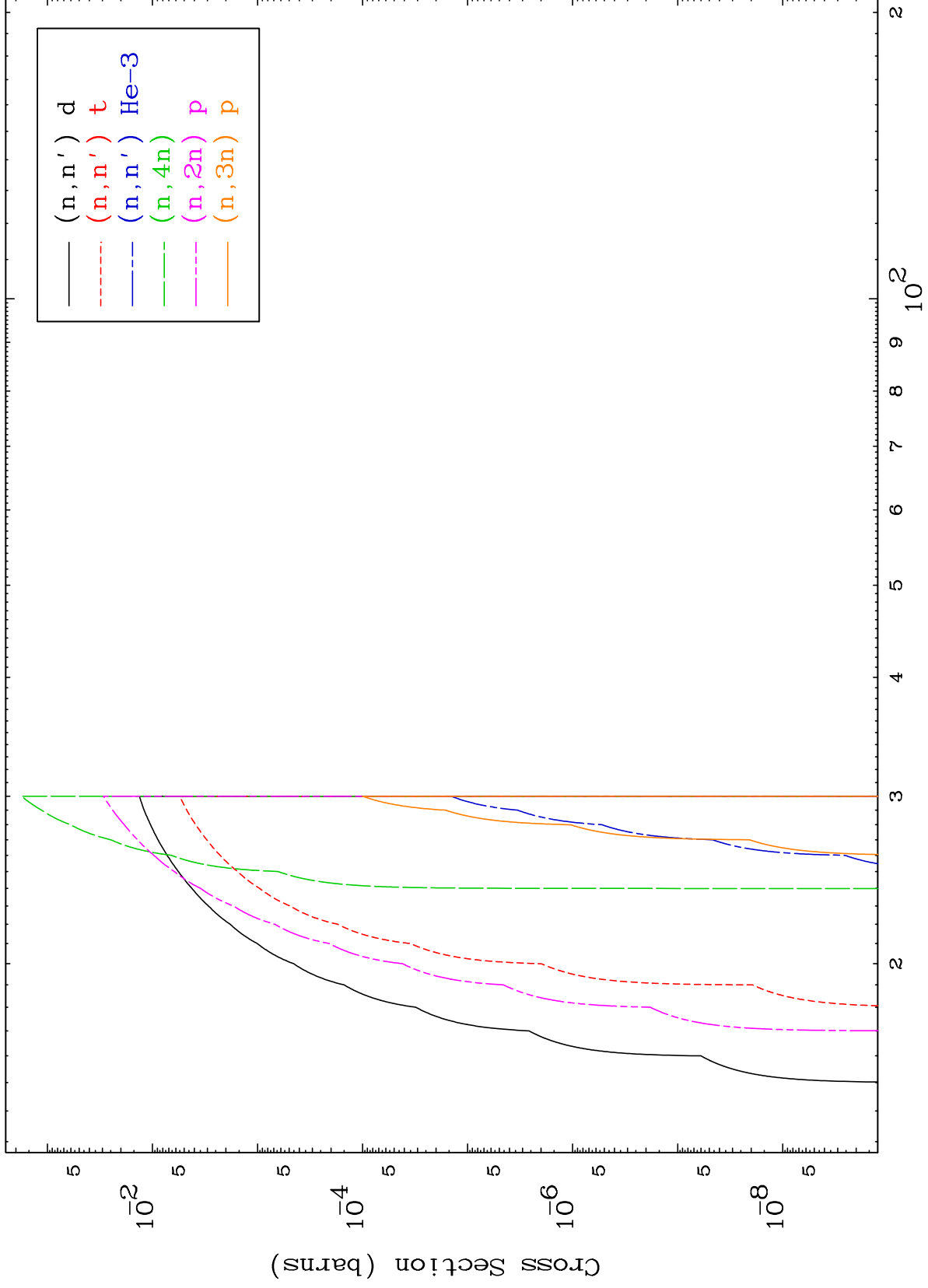
35-Br-84



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Incident Energy (MeV)

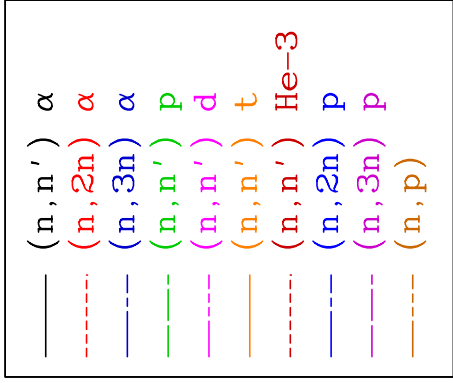
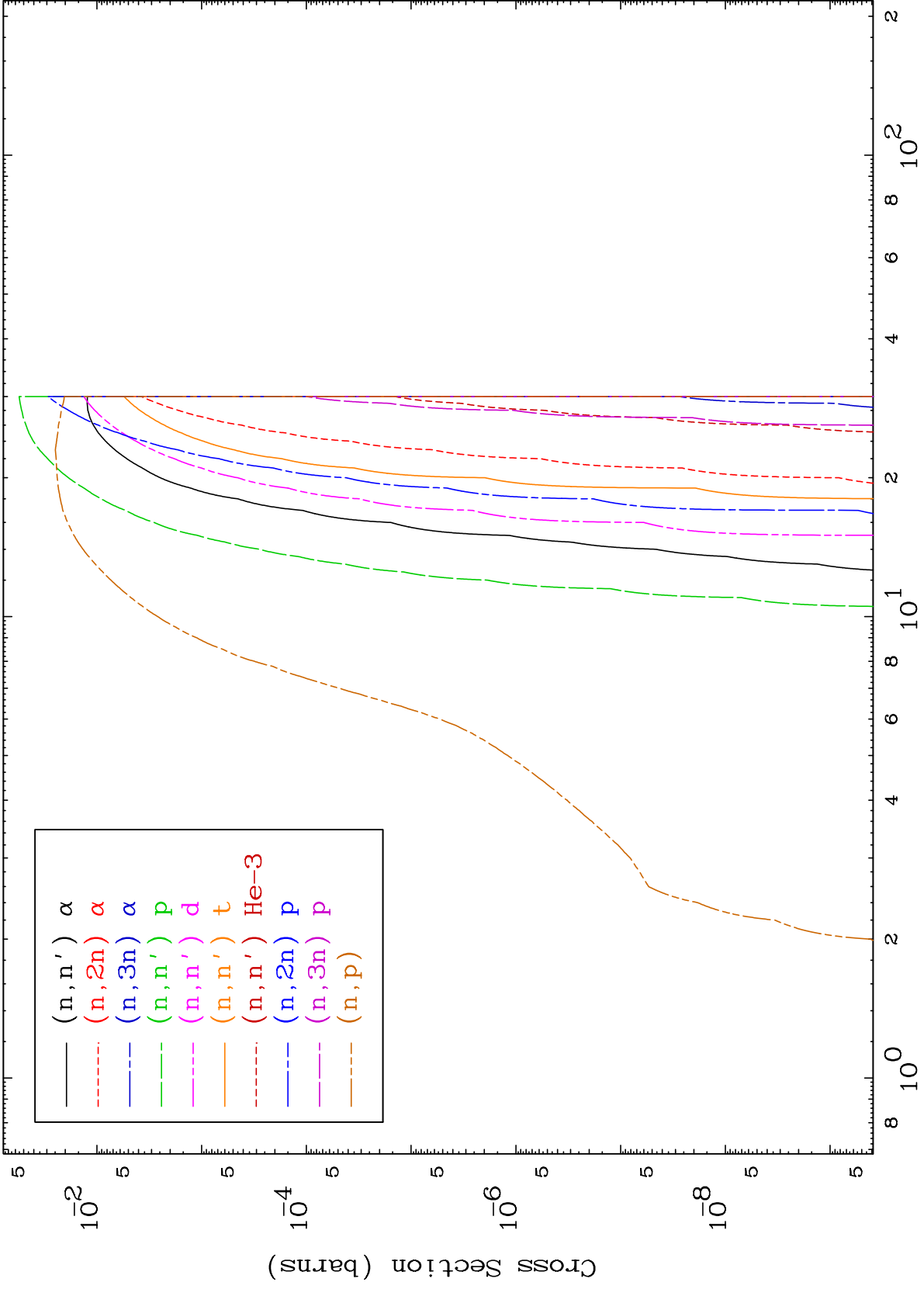
35-Br-84



MAT 3541

Charged Particle  
293 Kelvin Cross Sections

35-Br-84



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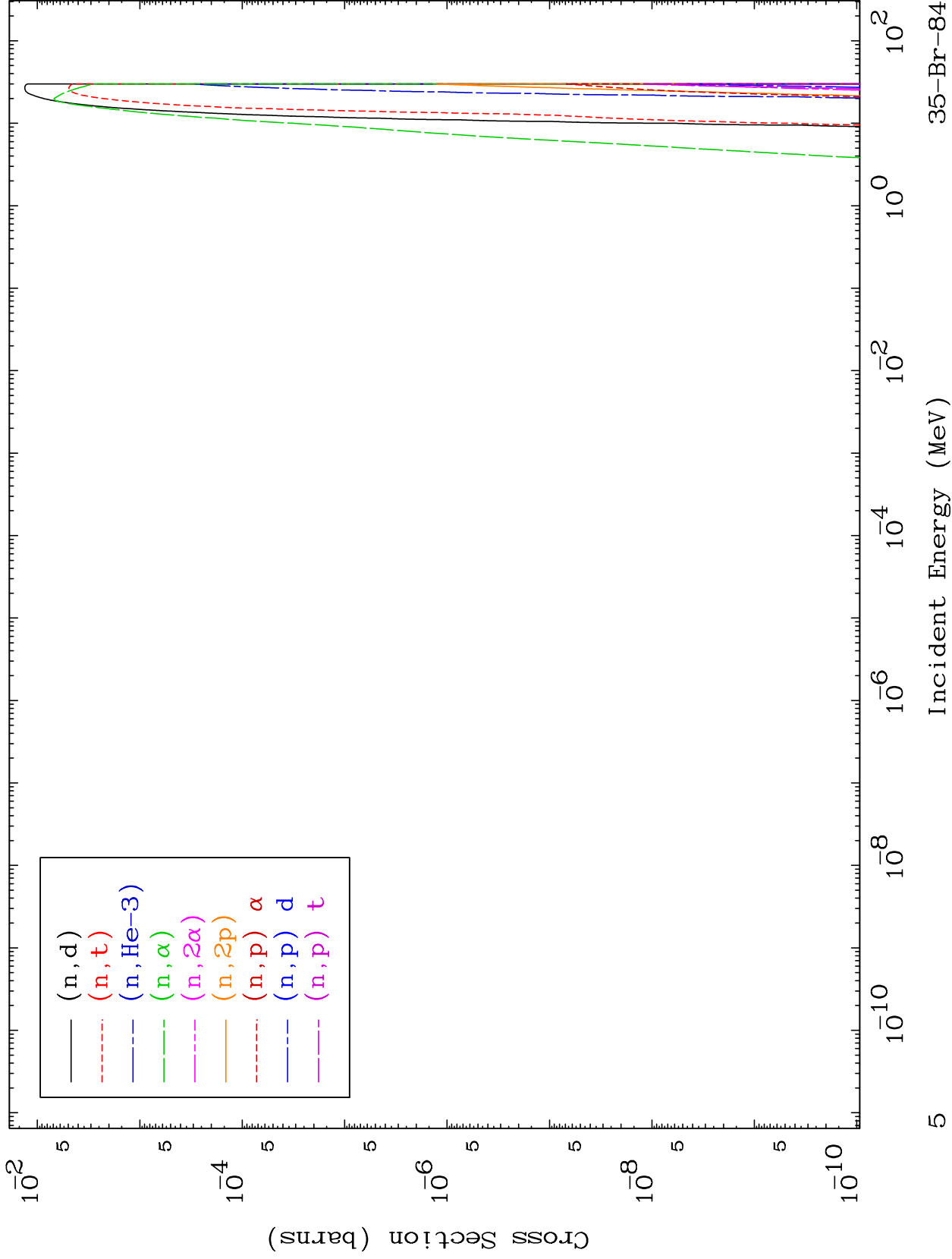
Incident Energy (MeV)

35-Br-84

MAT 3541

Charged Particle  
293 Kelvin Cross Sections

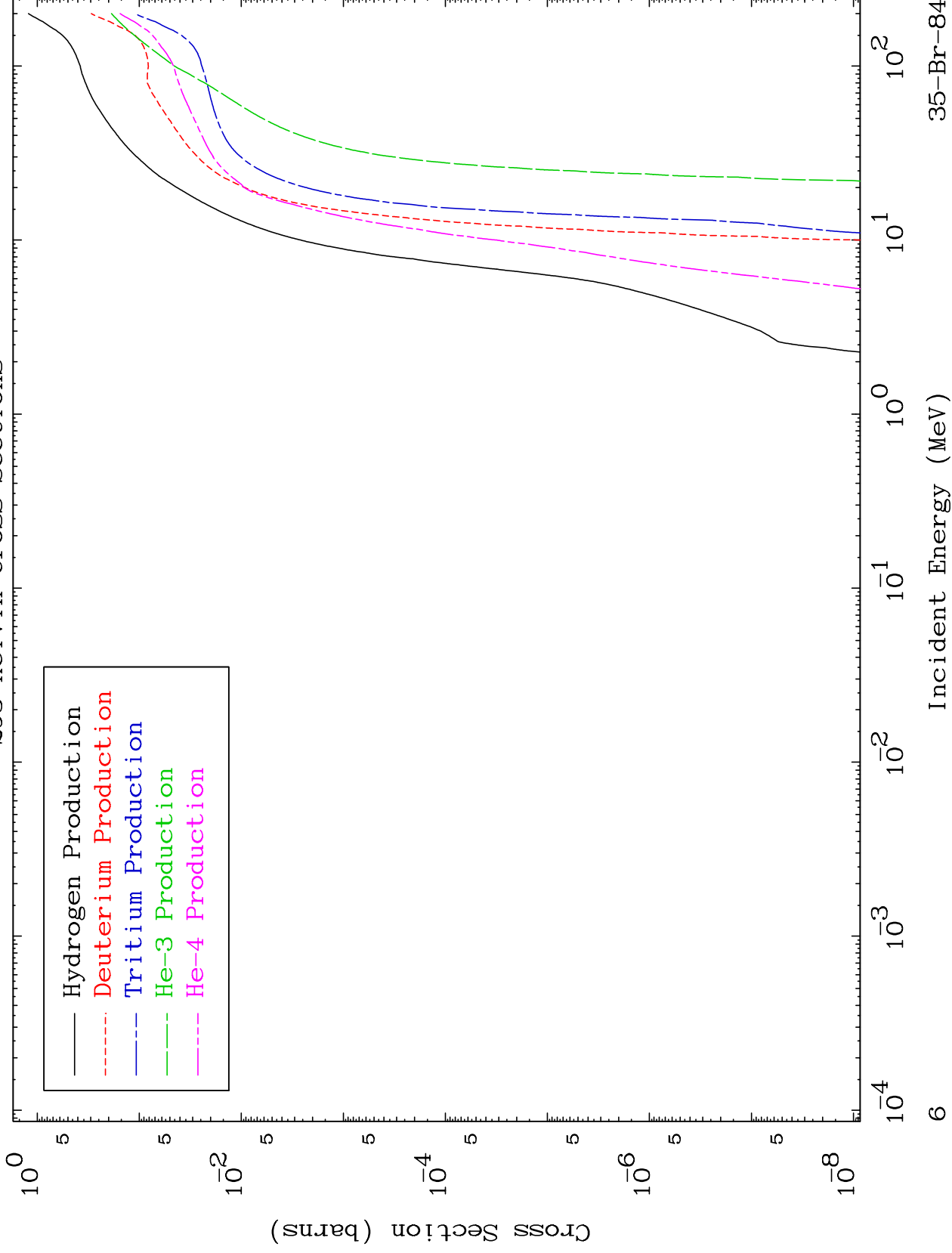
35-Br-84



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Particle Production  
293 Kelvin Cross Sections

35-Br-84



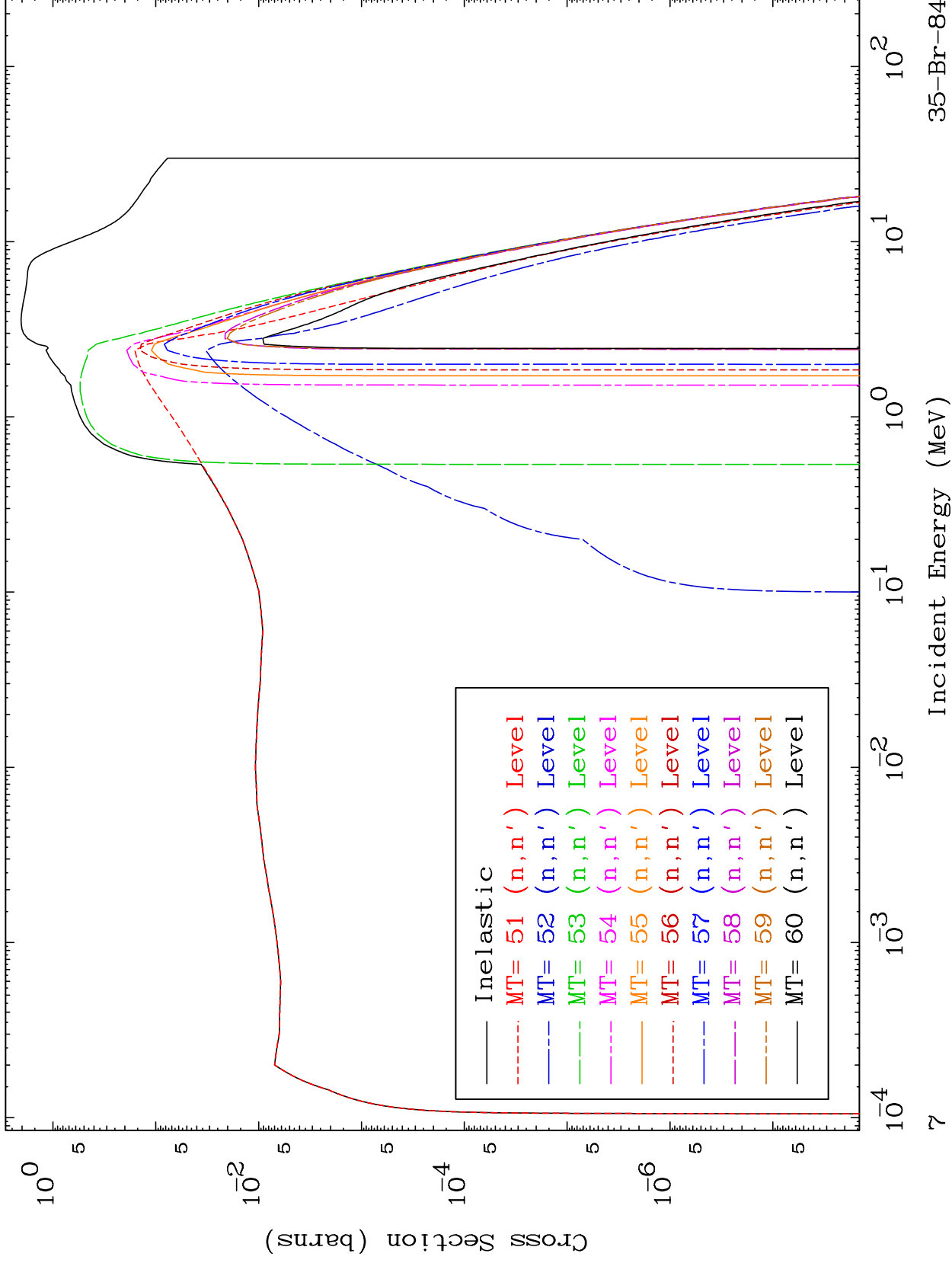
6

35-Br-84

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293 Kelvin Cross Sections  
(n,n') Level

35-Br-84



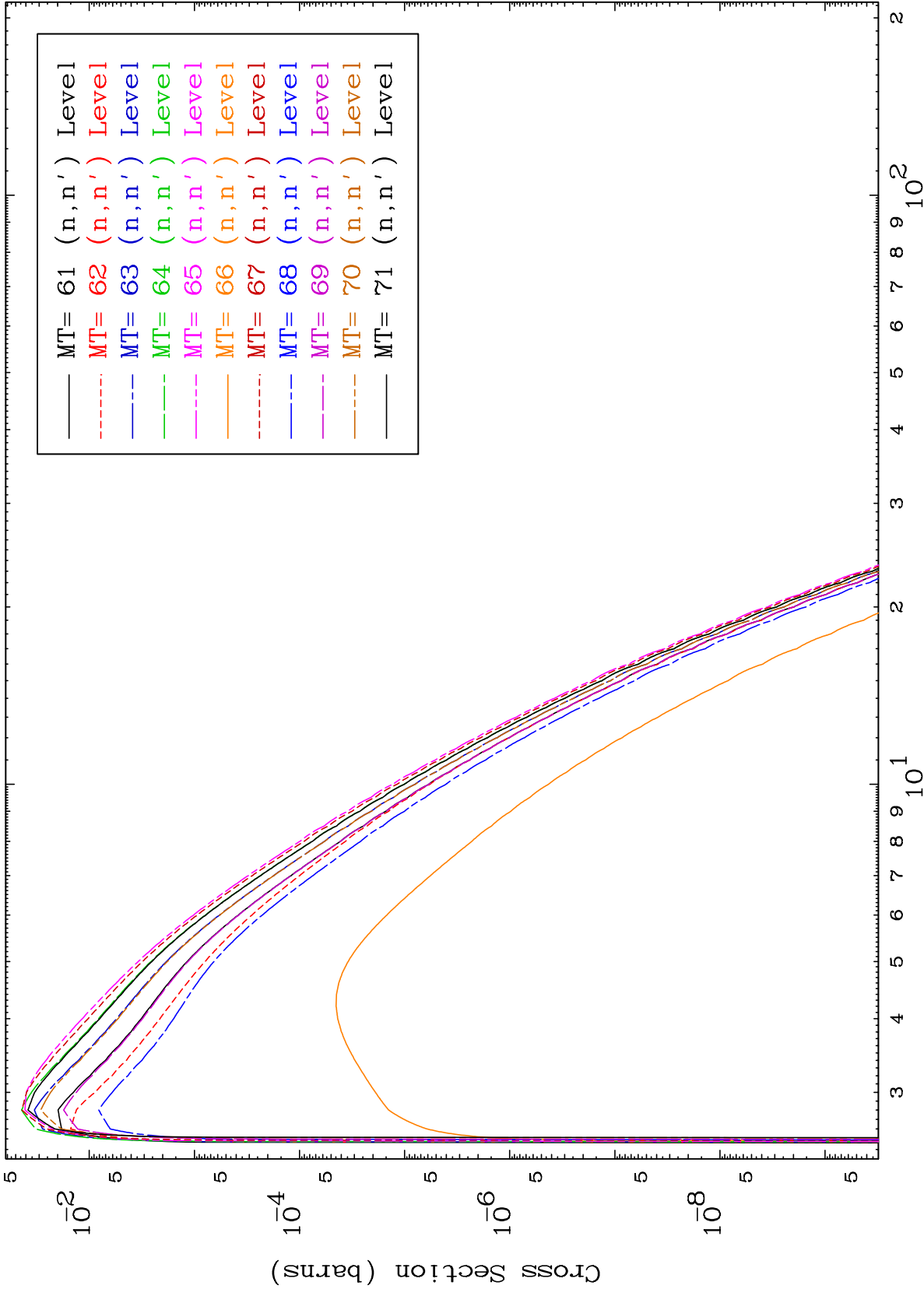


MAT 3541

(n,n') Level

35-Br-84

293 Kelvin Cross Sections

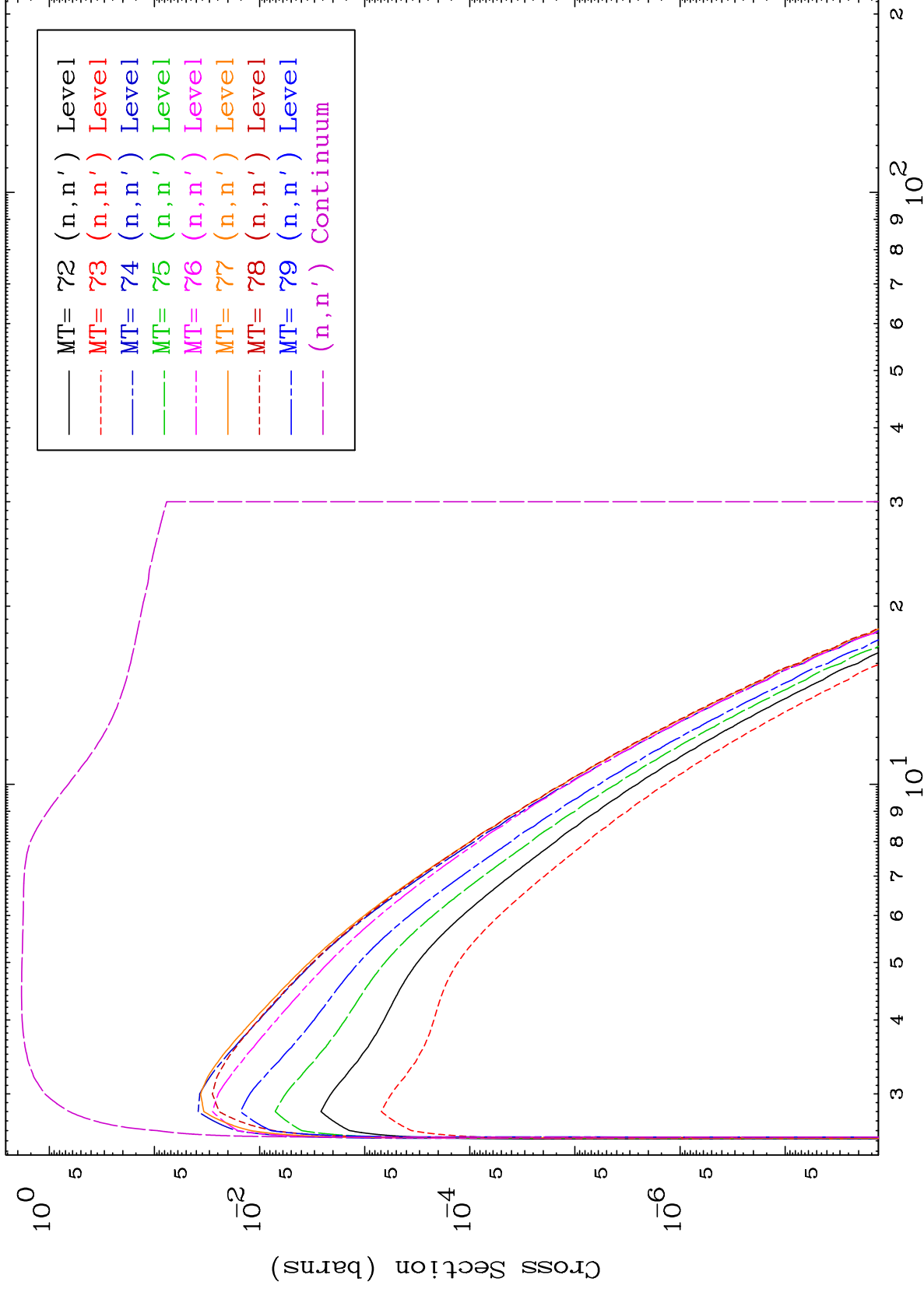


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Incident Energy (MeV)

35-Br-84

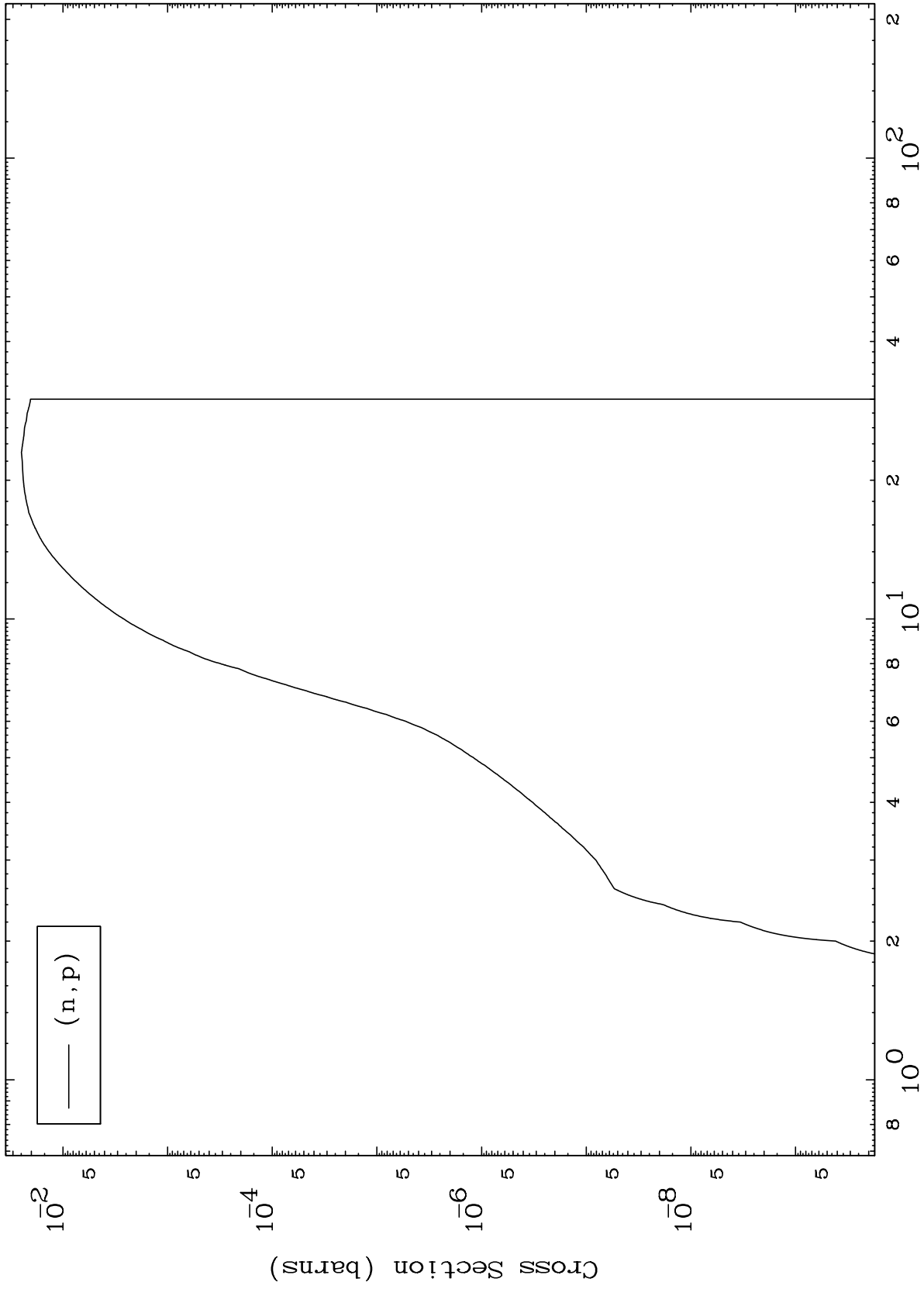
293 Kelvin Cross Sections



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(n,p) Levels  
293 Kelvin Cross Sections

35-Br-84



10

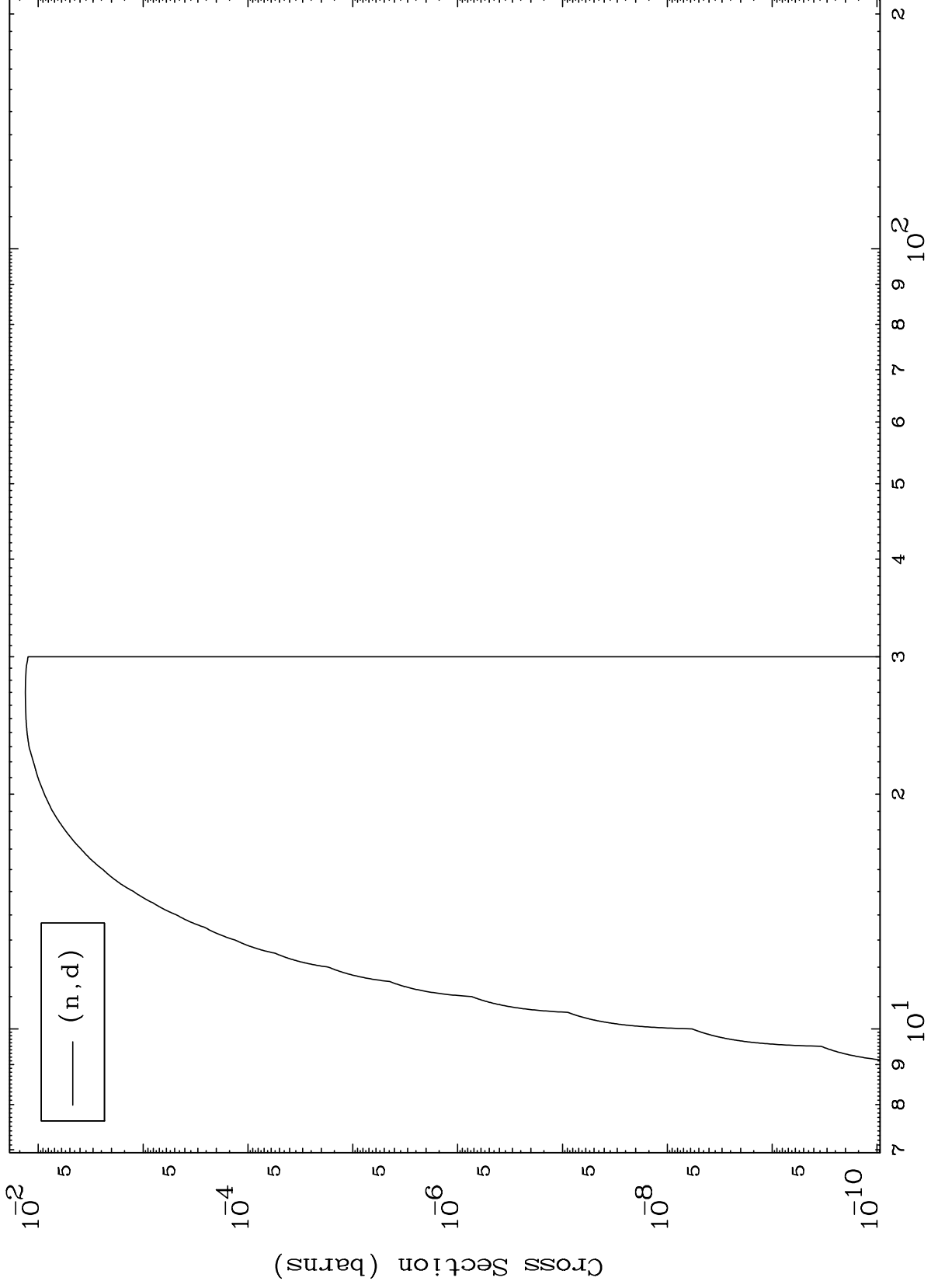
Incident Energy (MeV)

35-Br-84

MAT 3541

(n,d) Levels  
293 Kelvin Cross Sections

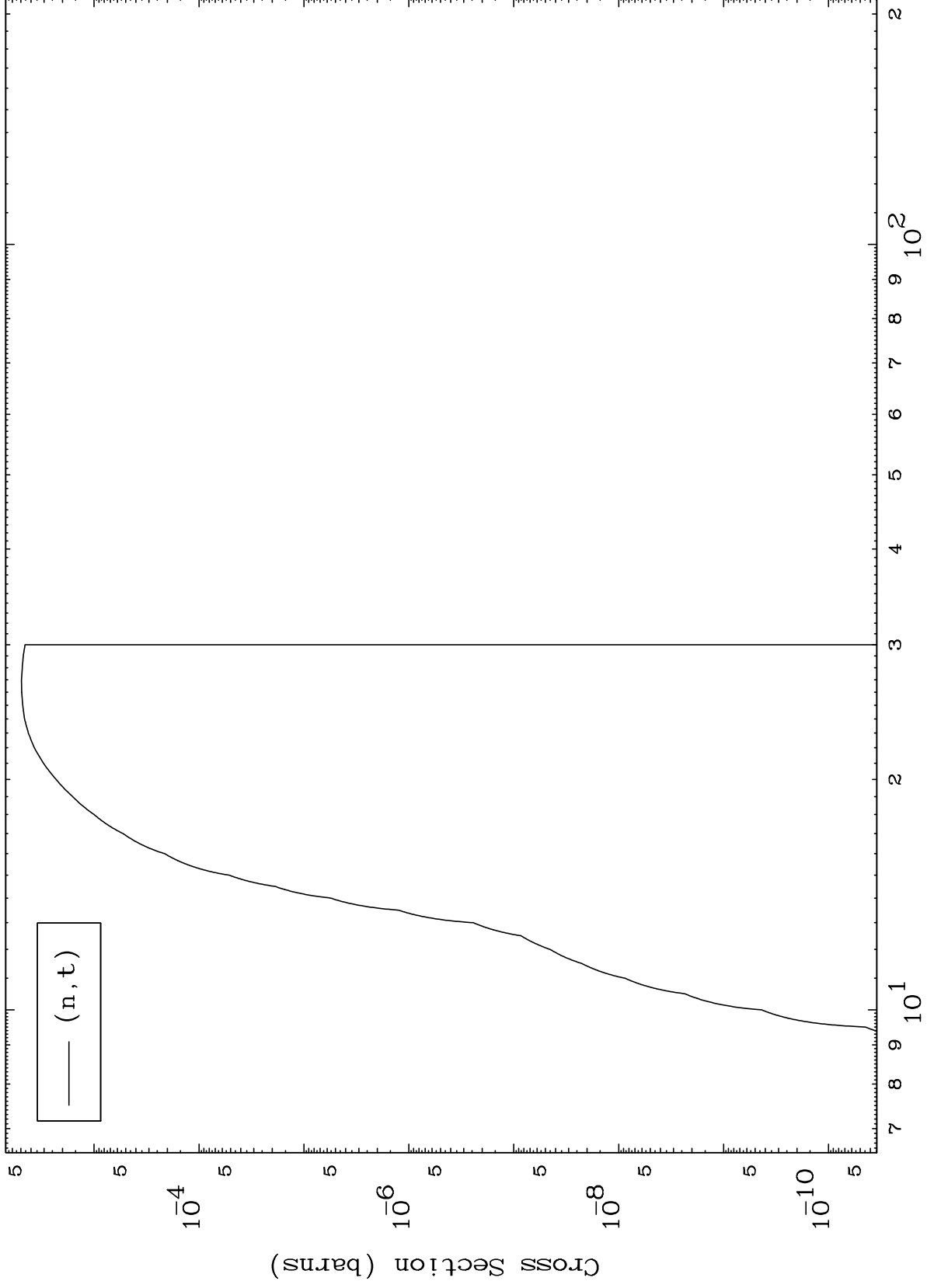
35-Br-84



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(n,t) Levels  
293 Kelvin Cross Sections

35-Br-84



12

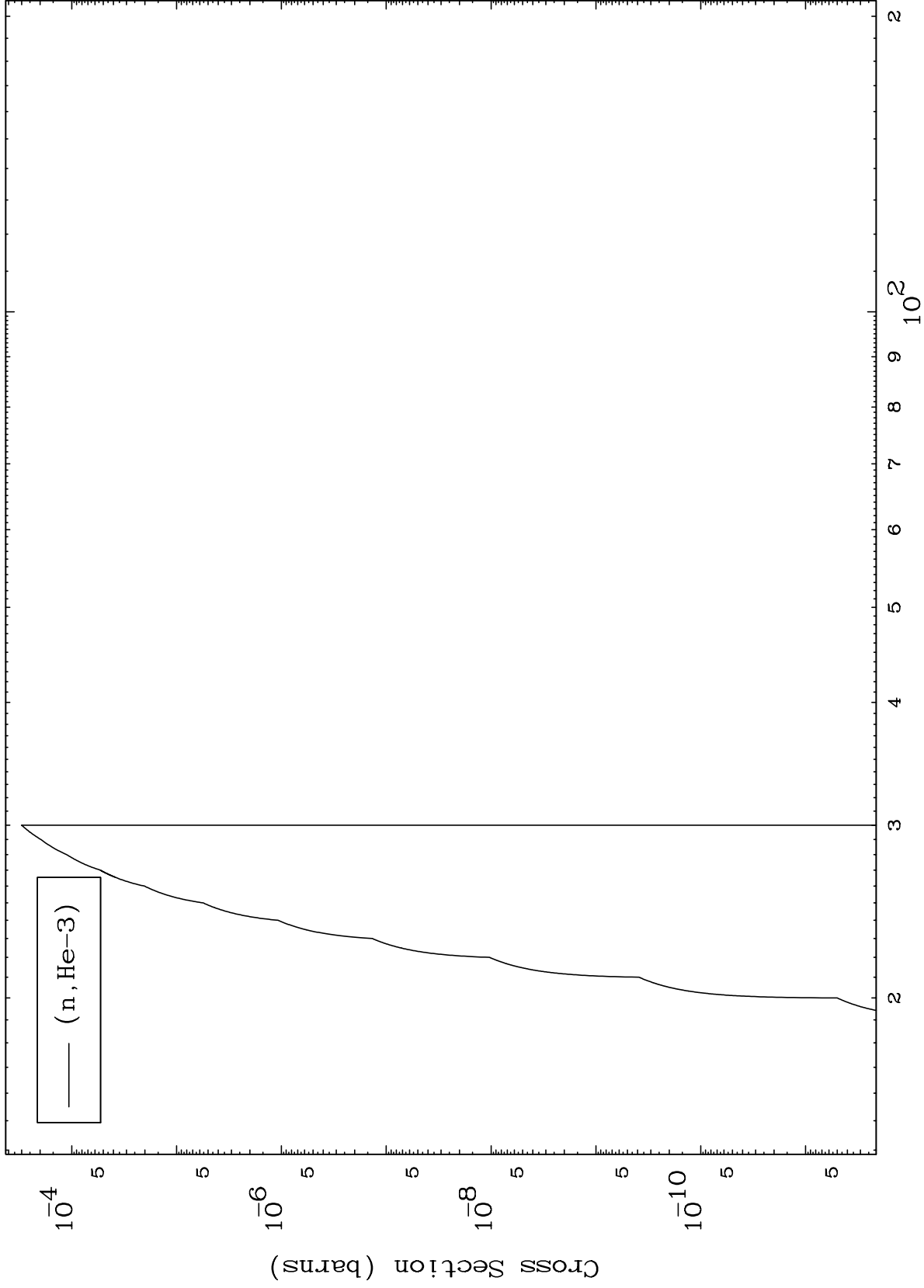
Incident Energy (MeV)

35-Br-84

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(n,He3) Levels  
293 Kelvin Cross Sections

35-Br-84



13

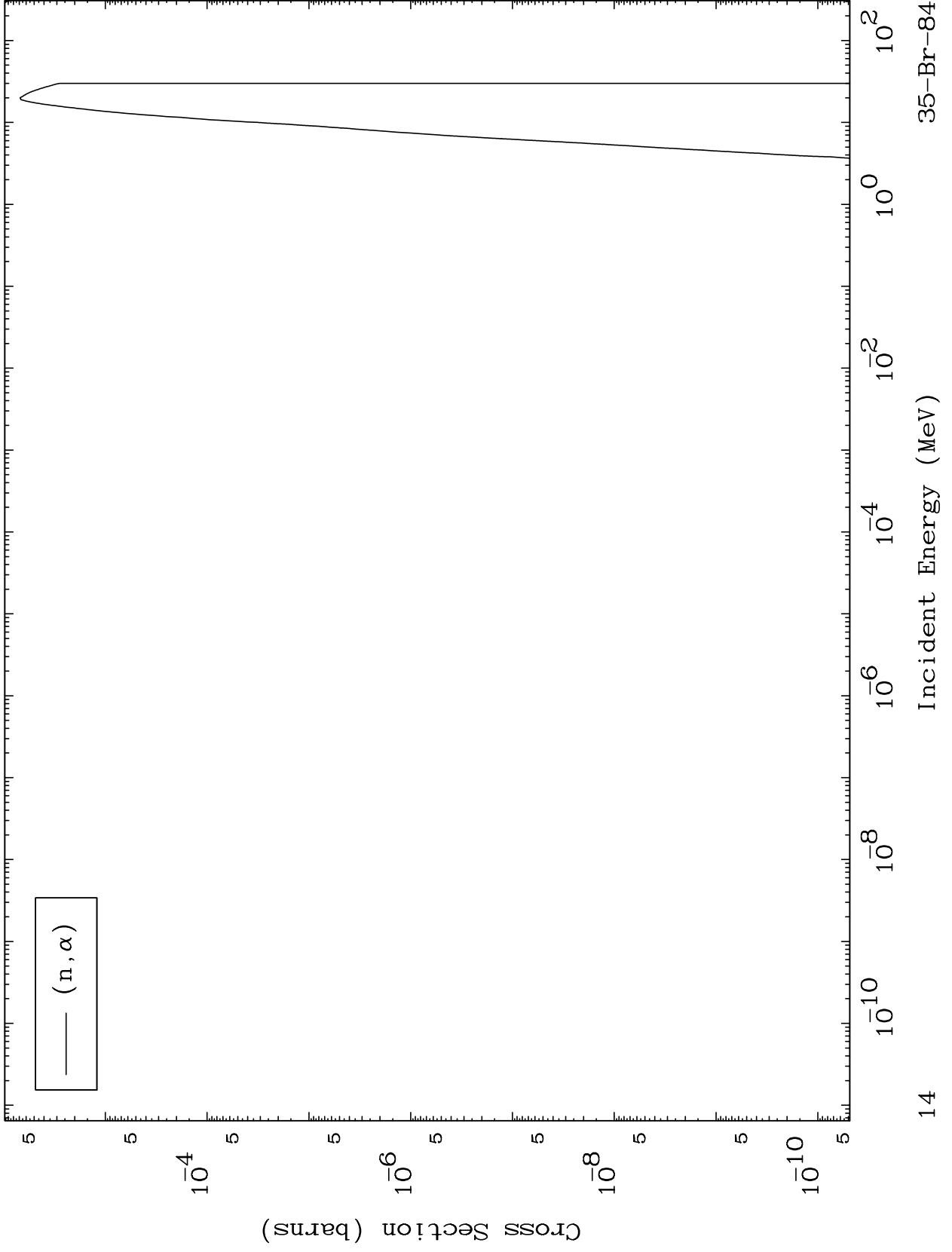
Incident Energy (MeV)

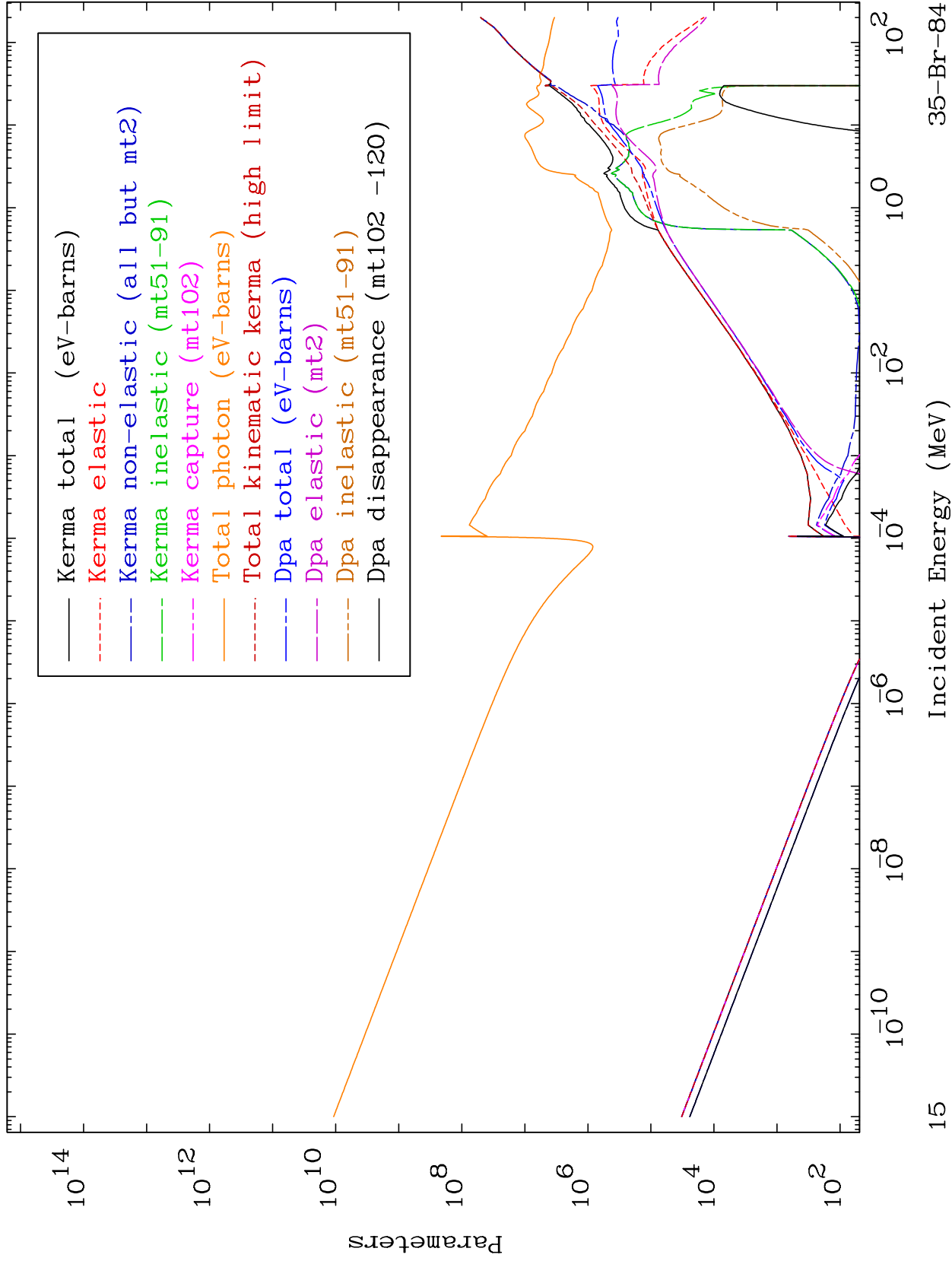
35-Br-84

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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

35-Br-84





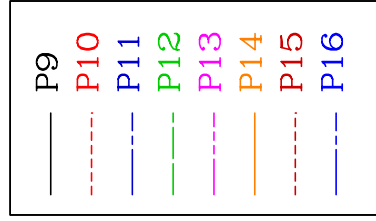




MAT 3541

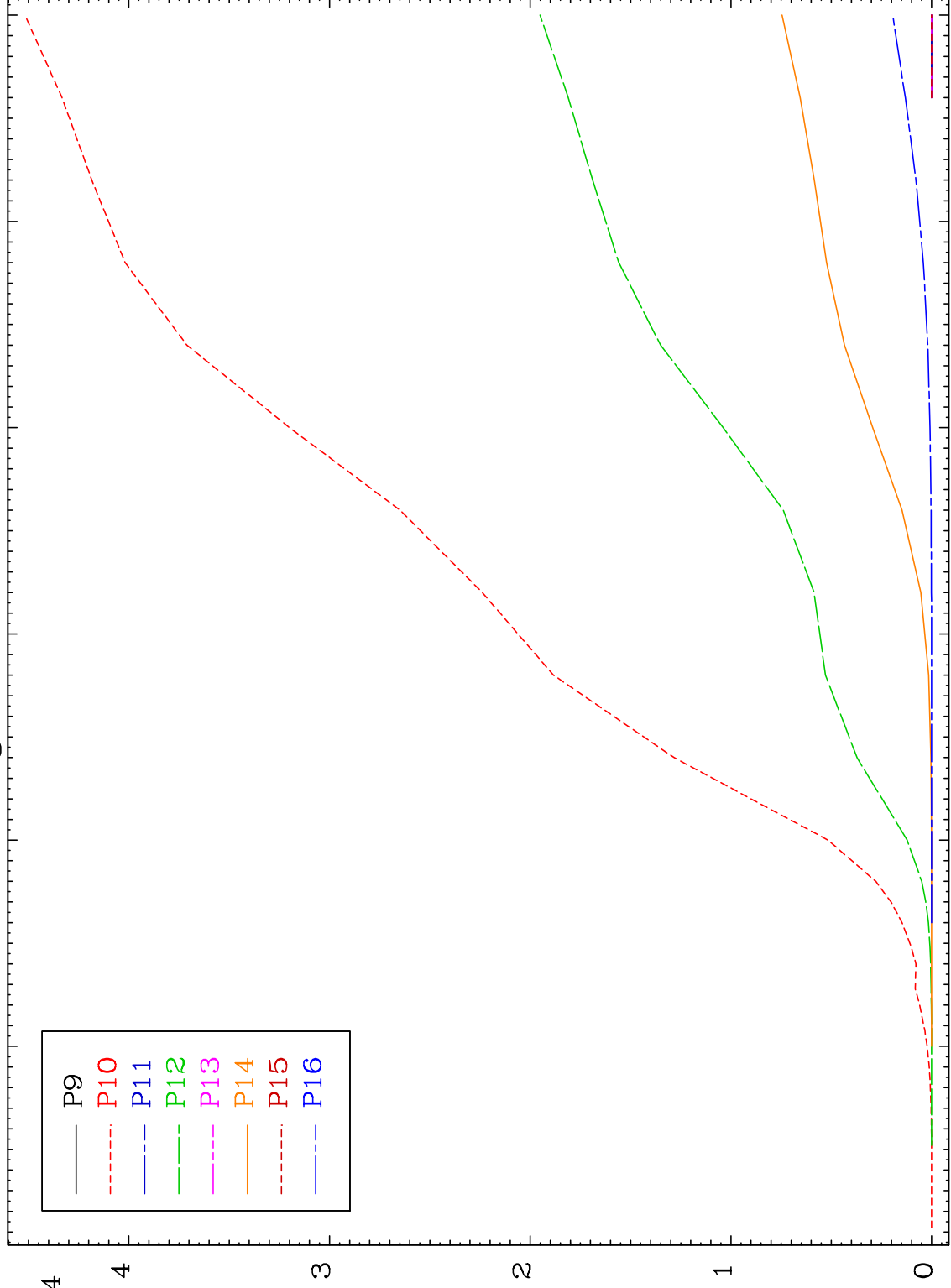
Elastic Legendre Coefficients

35-Br-84



$\times 10^{-4}$

Legendre (CM)



17

Incident Energy (MeV)

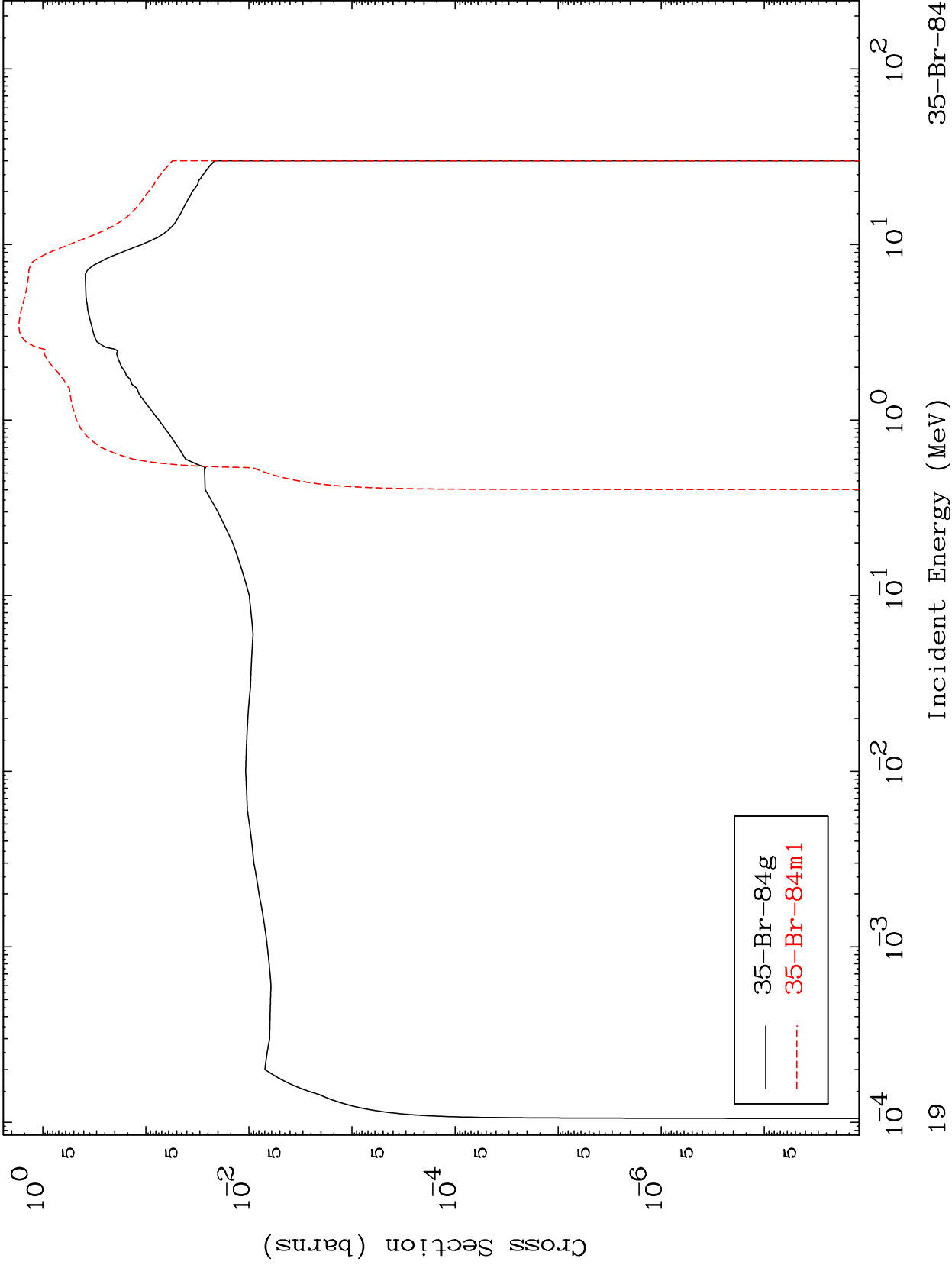
35-Br-84



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35-Br-84

Inelastic  
Radionuclide Production Cross Section

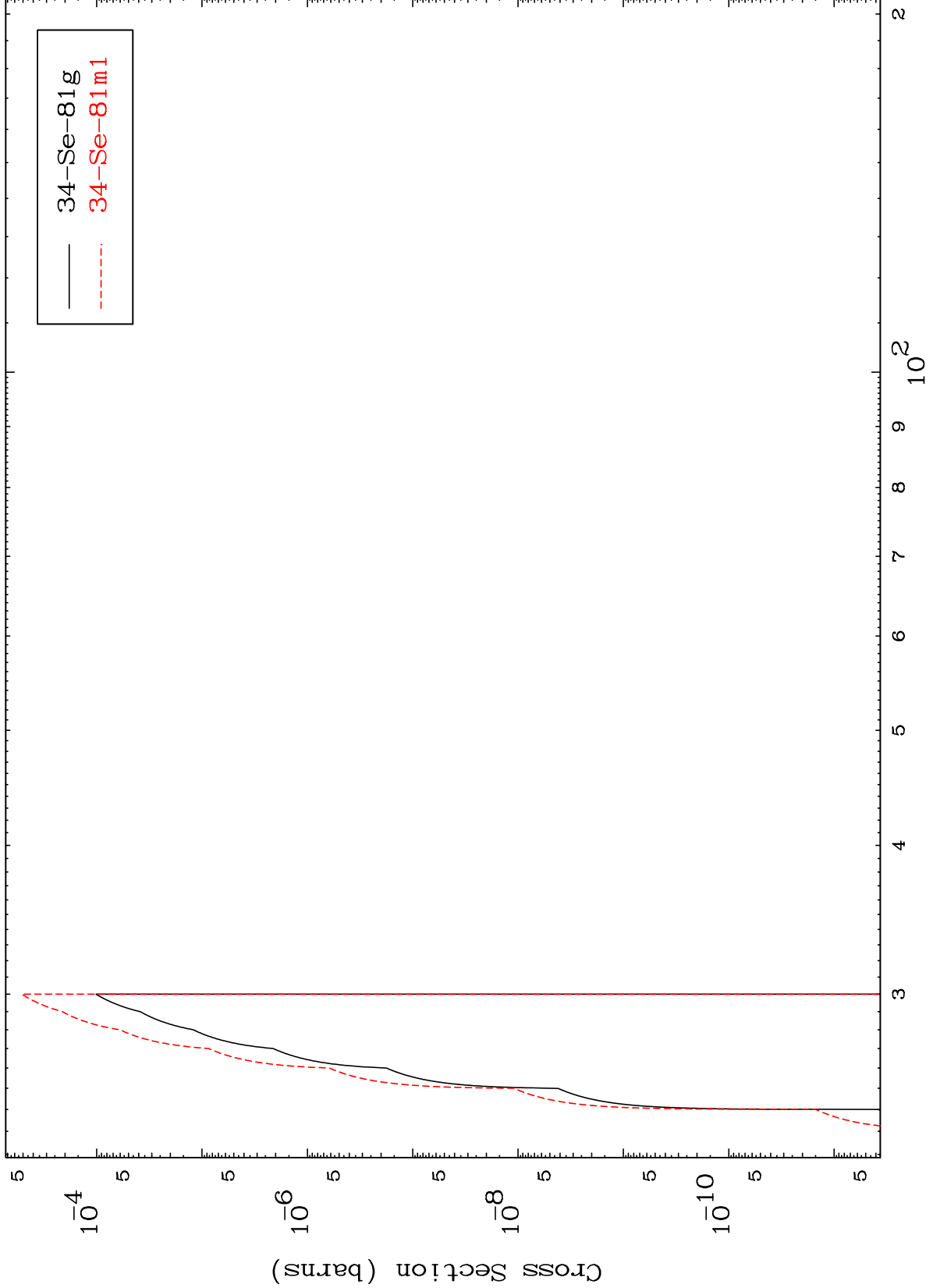


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(n,2n) d

35-Br-84

Radionuclide Production Cross Section



20

Incident Energy (MeV)

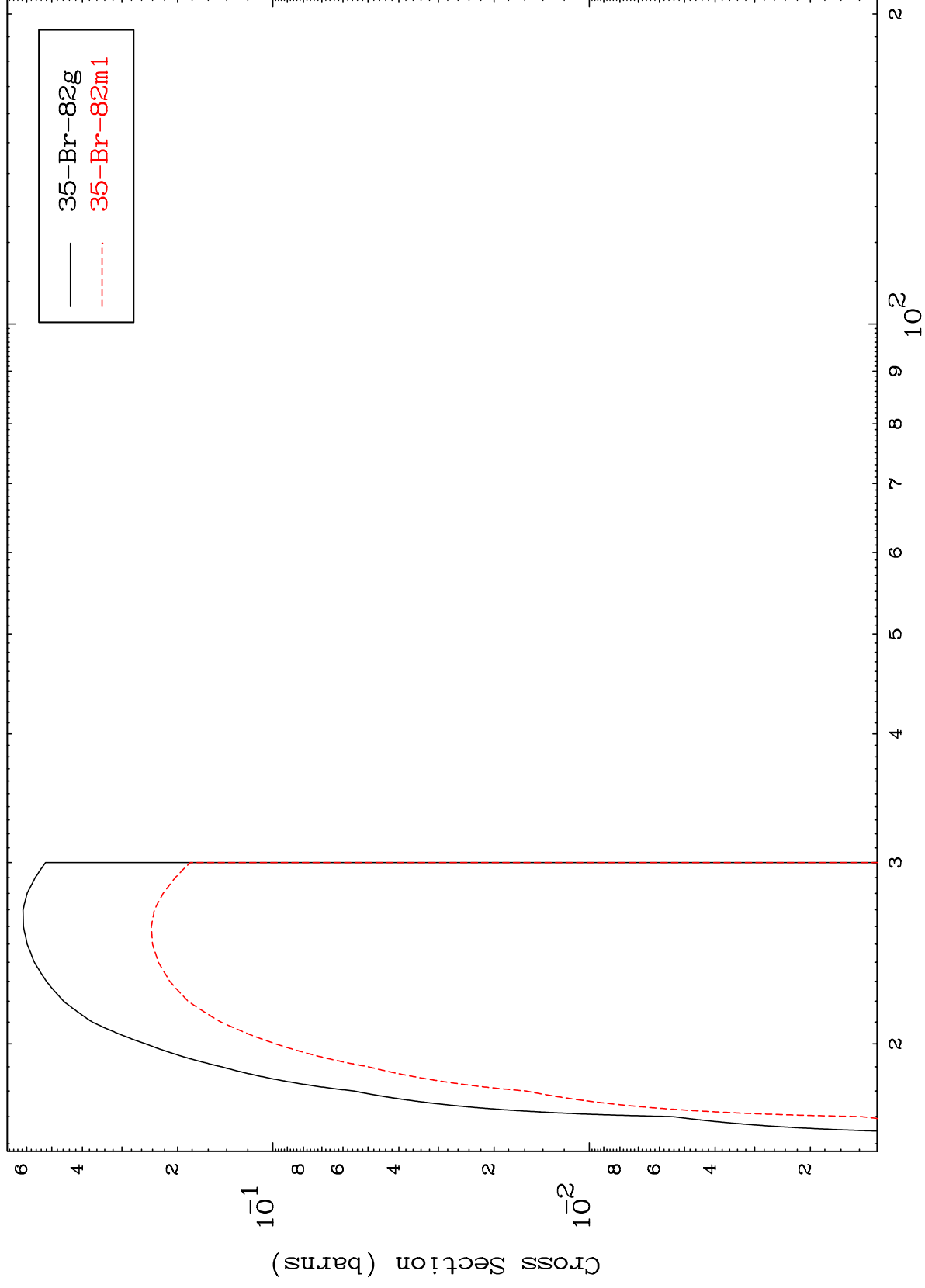
35-Br-84

MAT 3541

<sup>35</sup>Br-84

(n,3n)

Radionuclide Production Cross Section



21

Incident Energy (MeV)

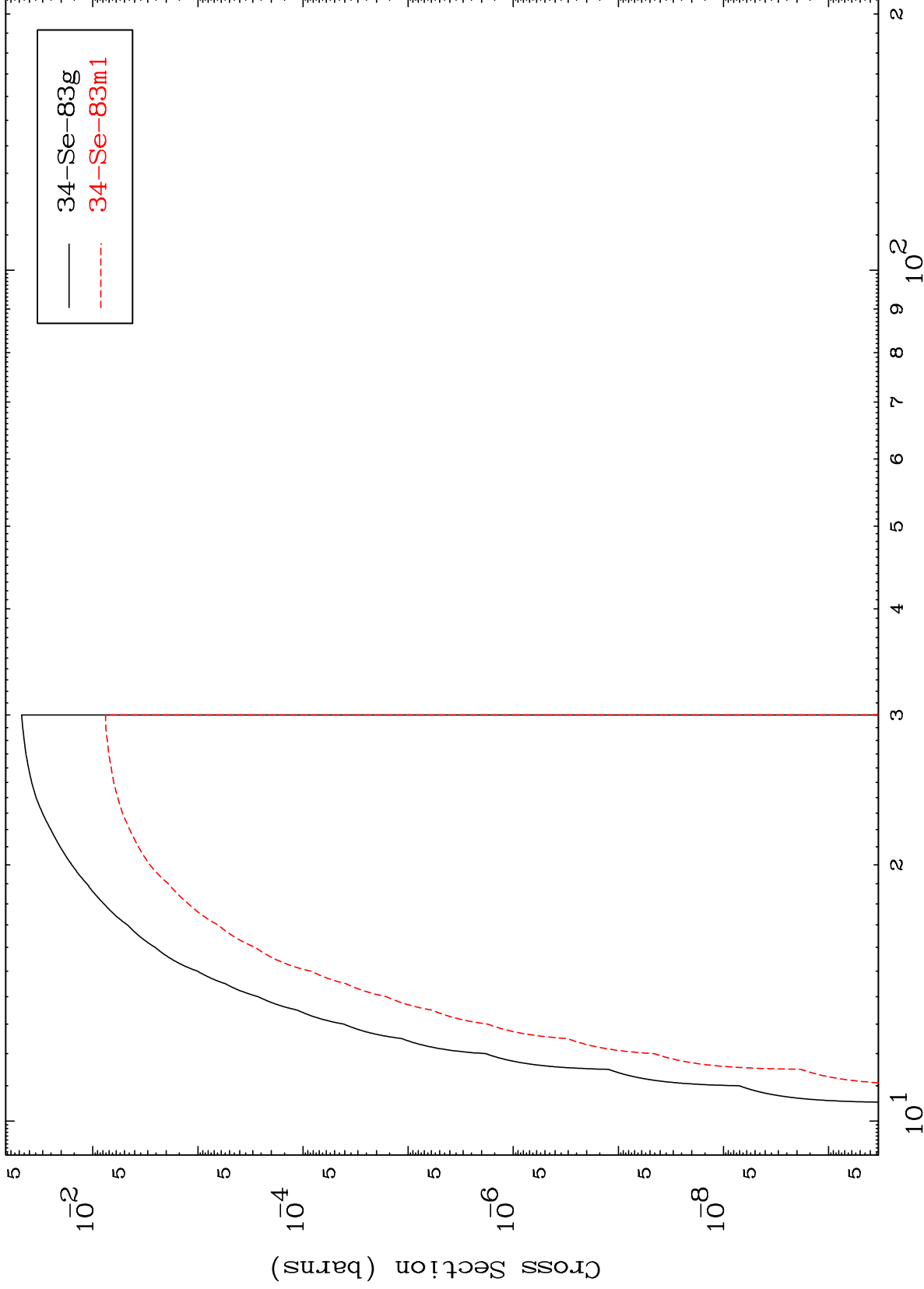
<sup>35</sup>Br-84

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(n,n') p

35-Br-84

Radionuclide Production Cross Section



34-Se-83g  
34-Se-83m1

Incident Energy (MeV)

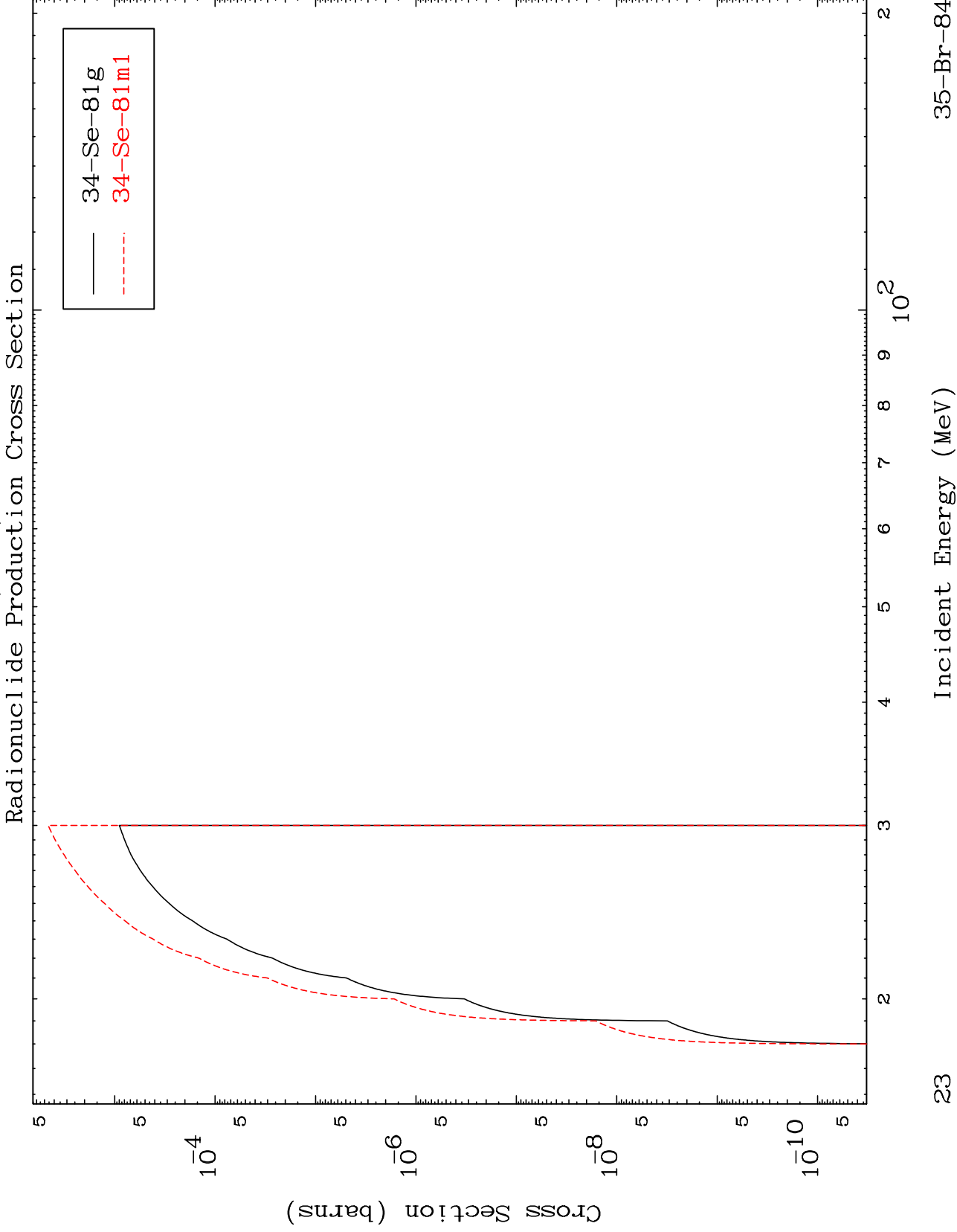
35-Br-84

22

MAT 3541

(n,n') t

35-Br-84



23

Incident Energy (MeV)

35-Br-84

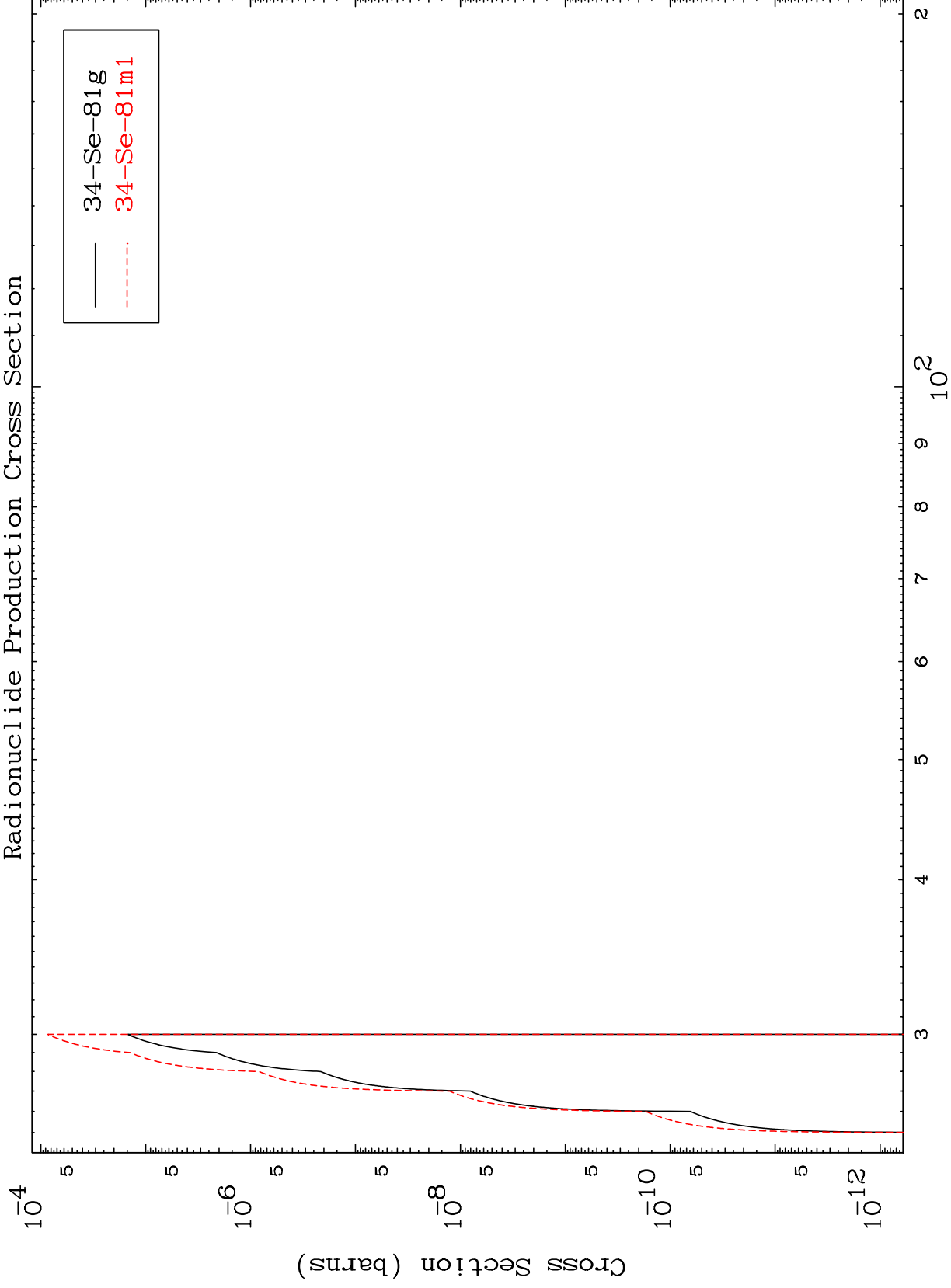


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(n,3n) p

35-Br-84

Radionuclide Production Cross Section



24

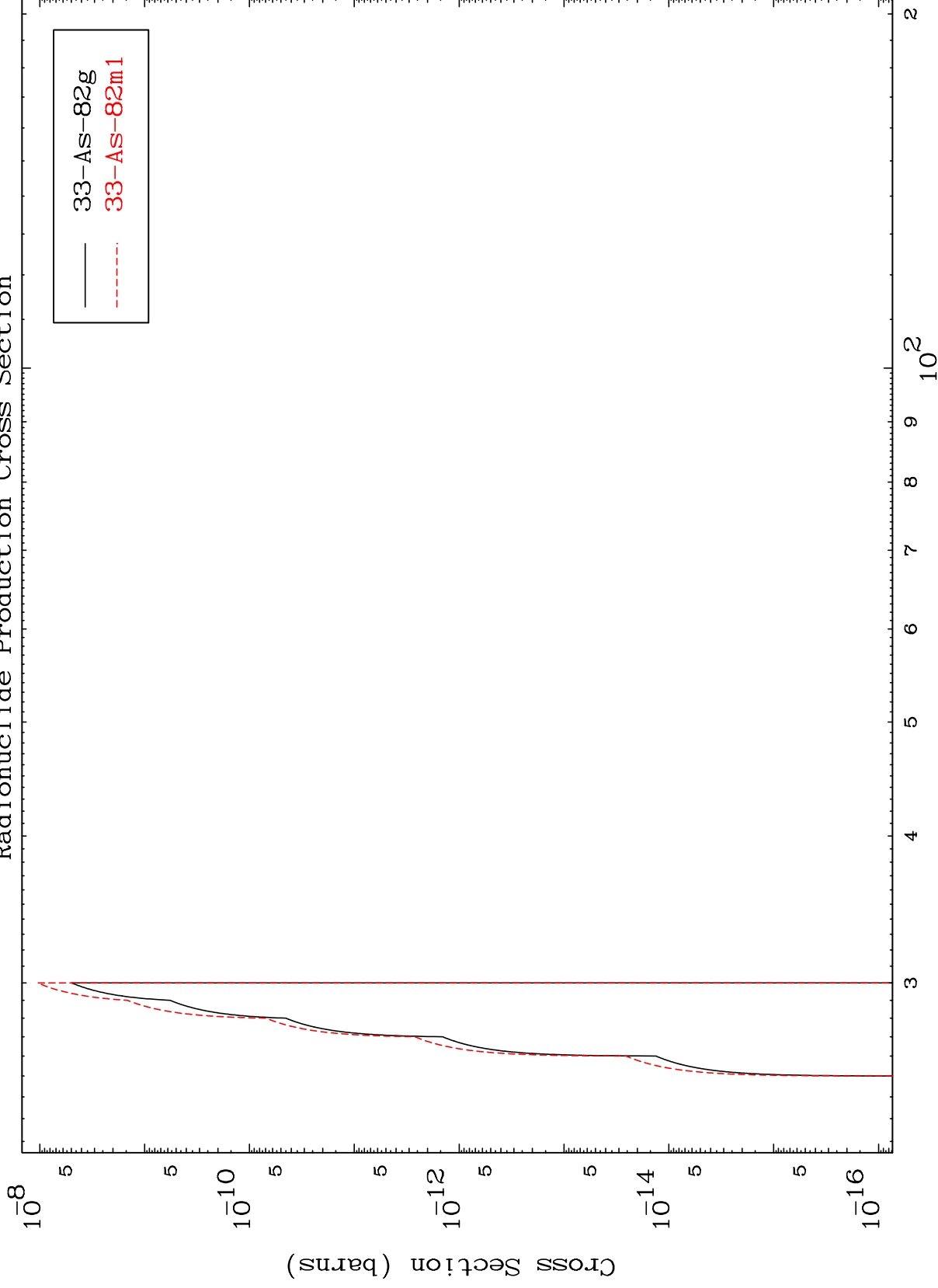
Incident Energy (MeV)

35-Br-84

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35-Br-84

(n,2n) p  
Radionuclide Production Cross Section

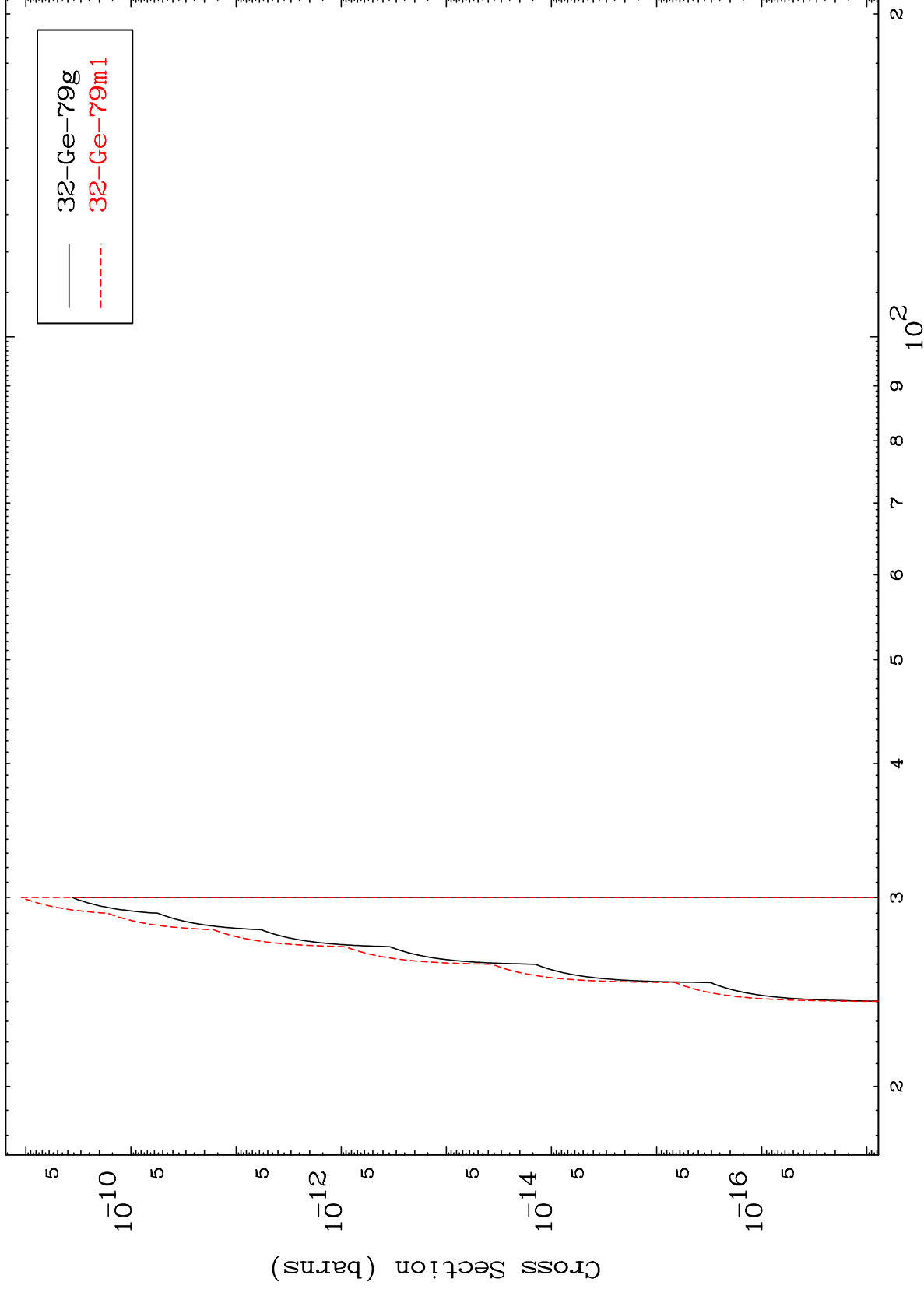


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35-Br-84

Incident Energy (MeV)

Radionuclide Production Cross Section

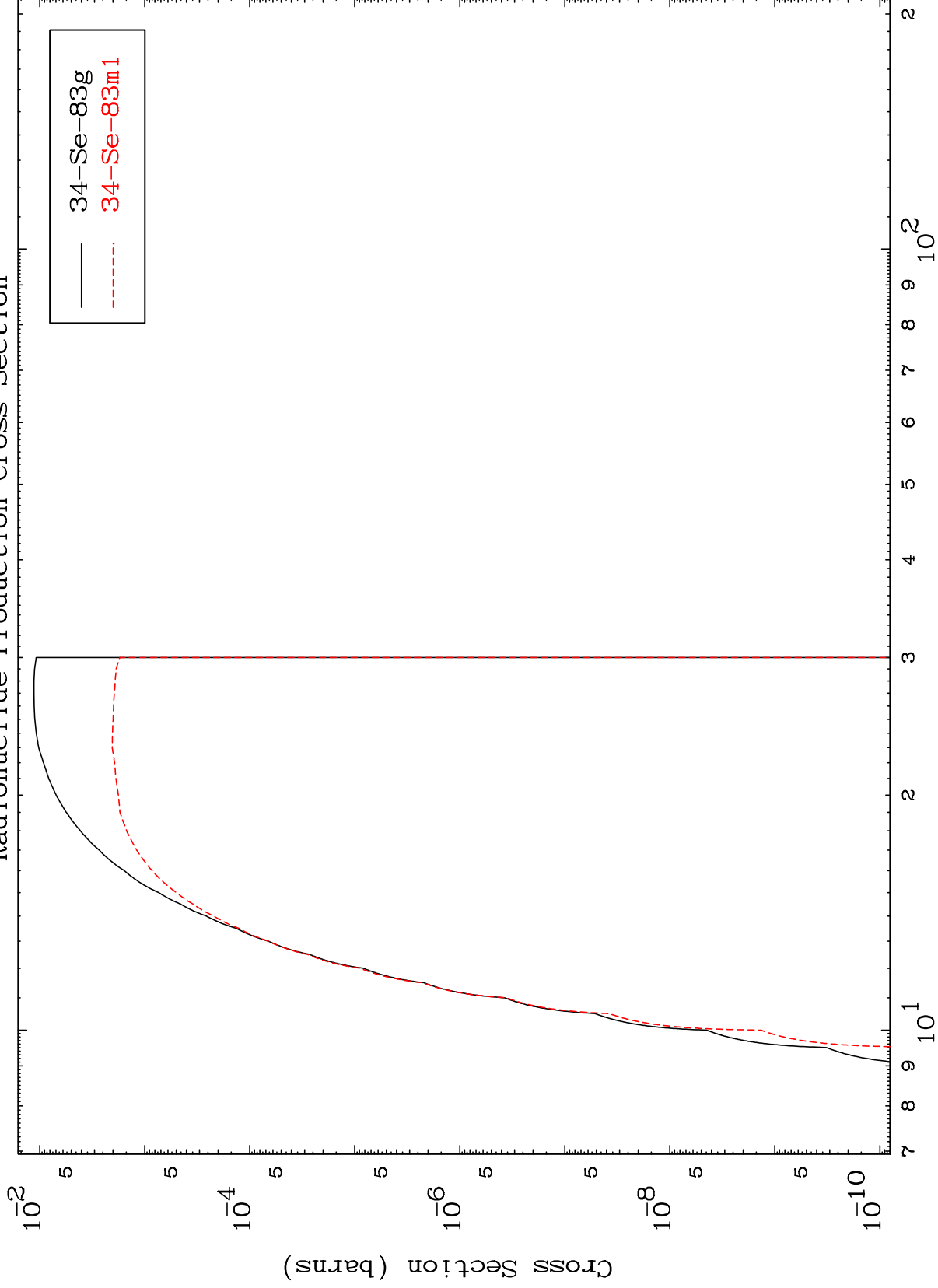


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(n,d)

35-Br-84

Radionuclide Production Cross Section

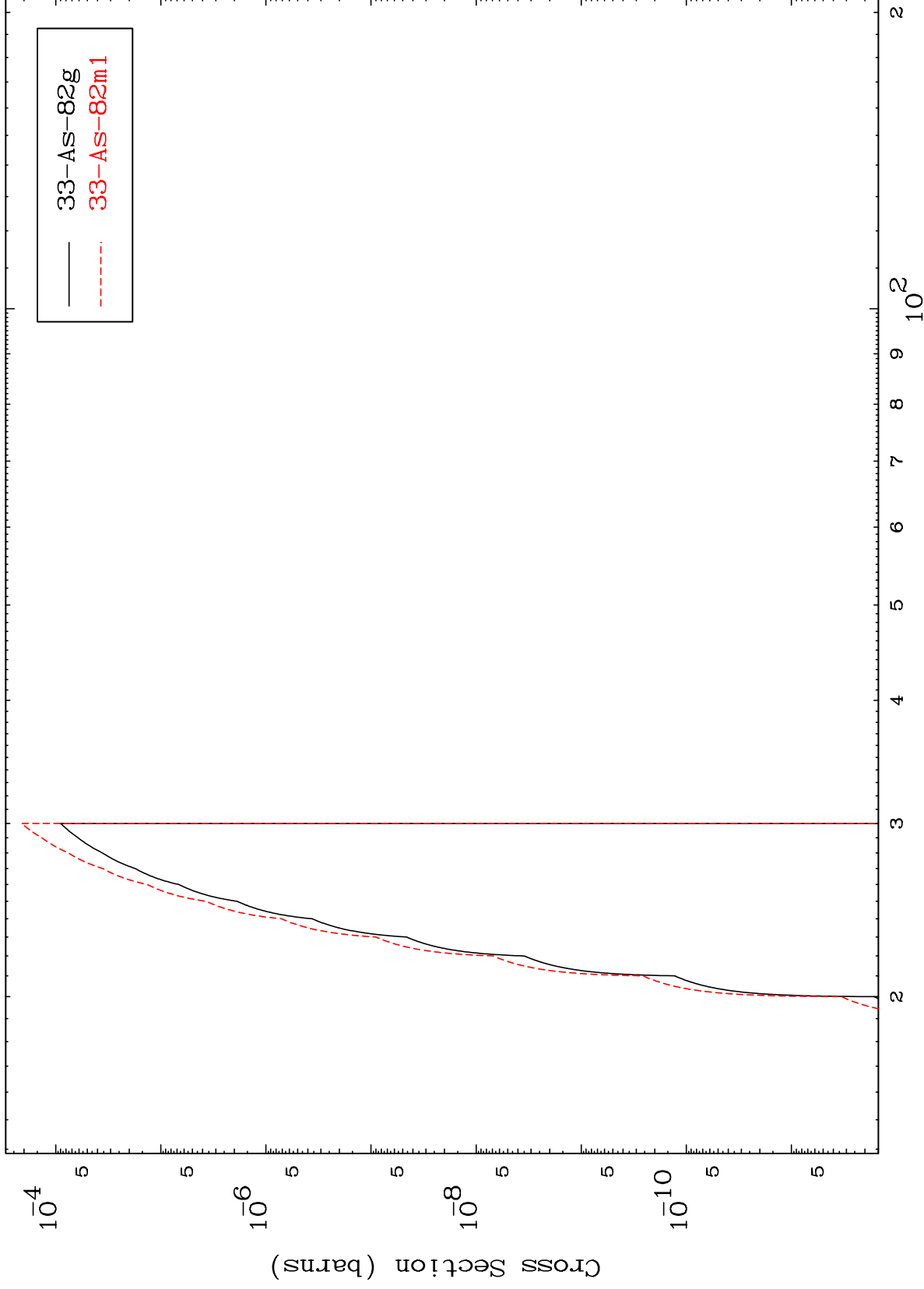


27

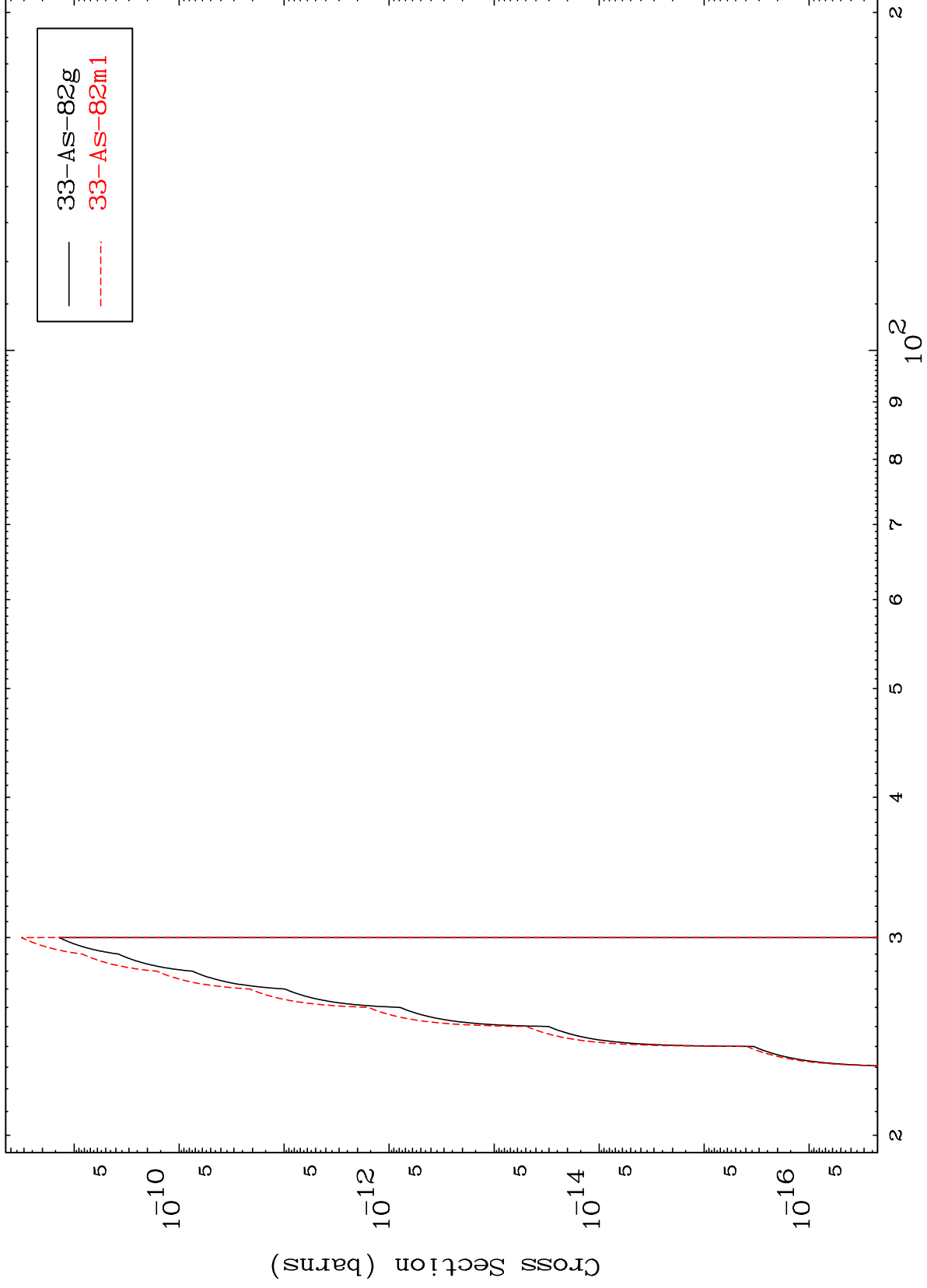
Incident Energy (MeV)

35-Br-84

Radionuclide Production Cross Section



Radionuclide Production Cross Section

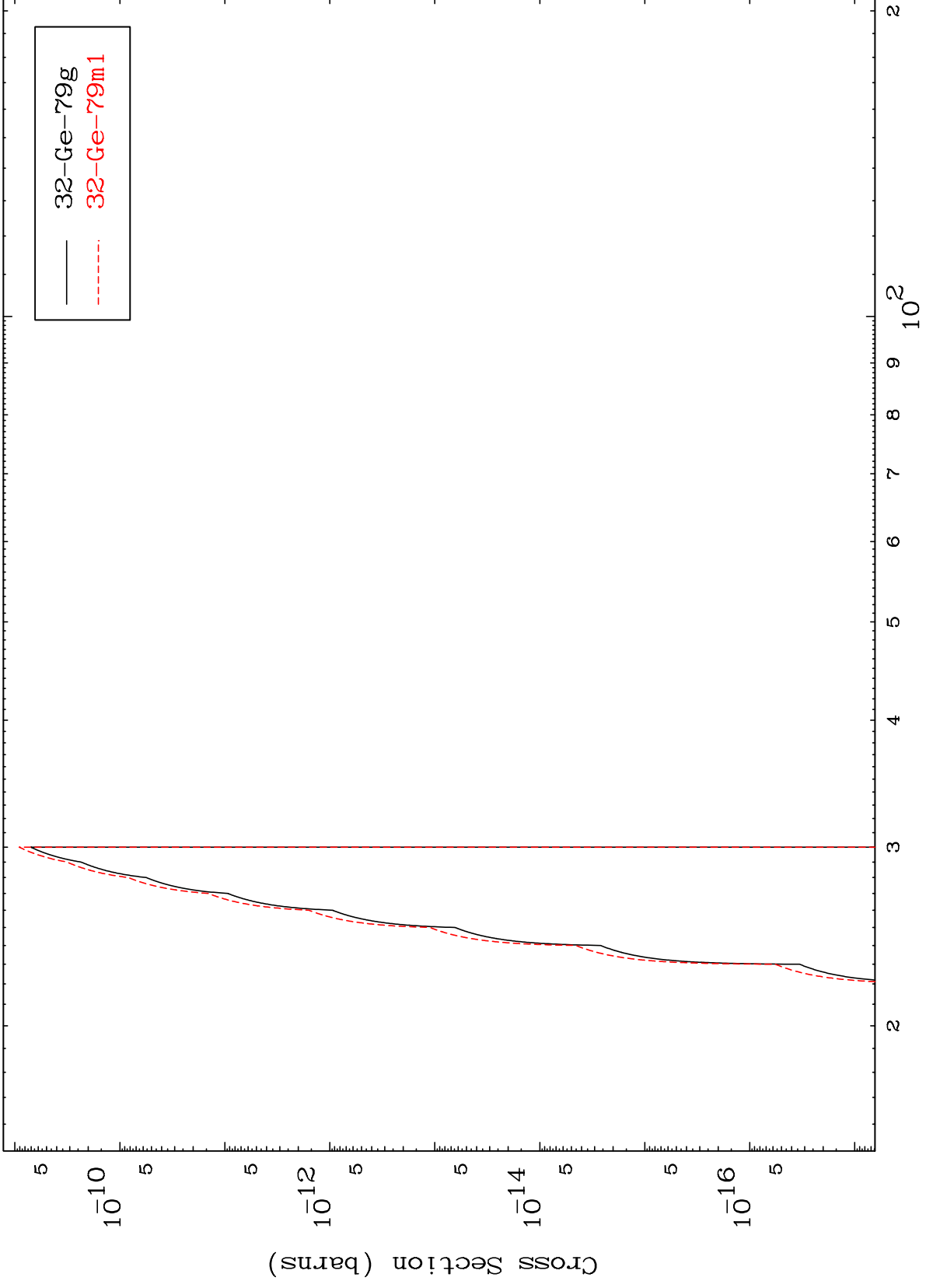


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(n,d)  $\alpha$

35-Br-84

Radionuclide Production Cross Section



30

Incident Energy (MeV)

35-Br-84